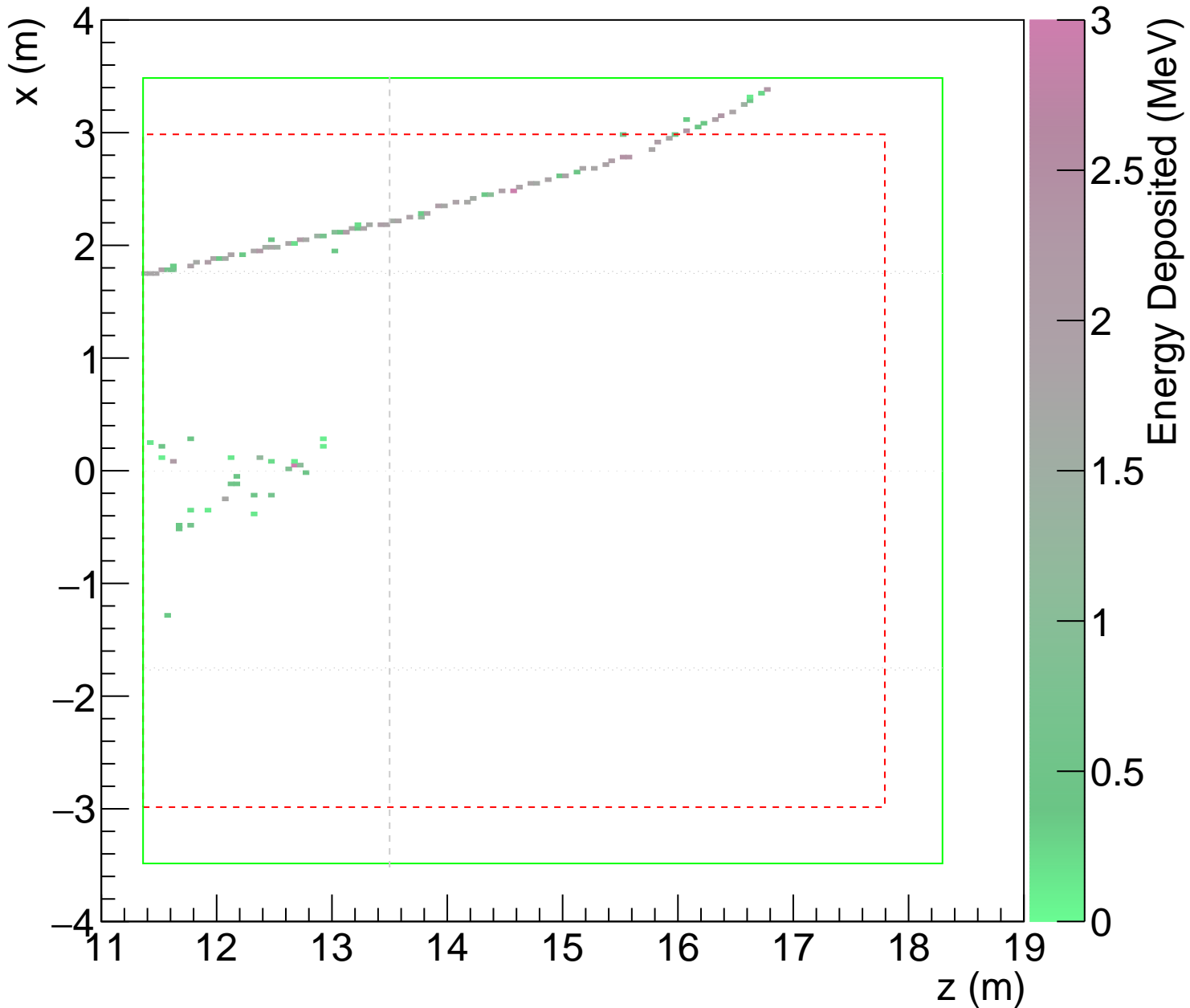
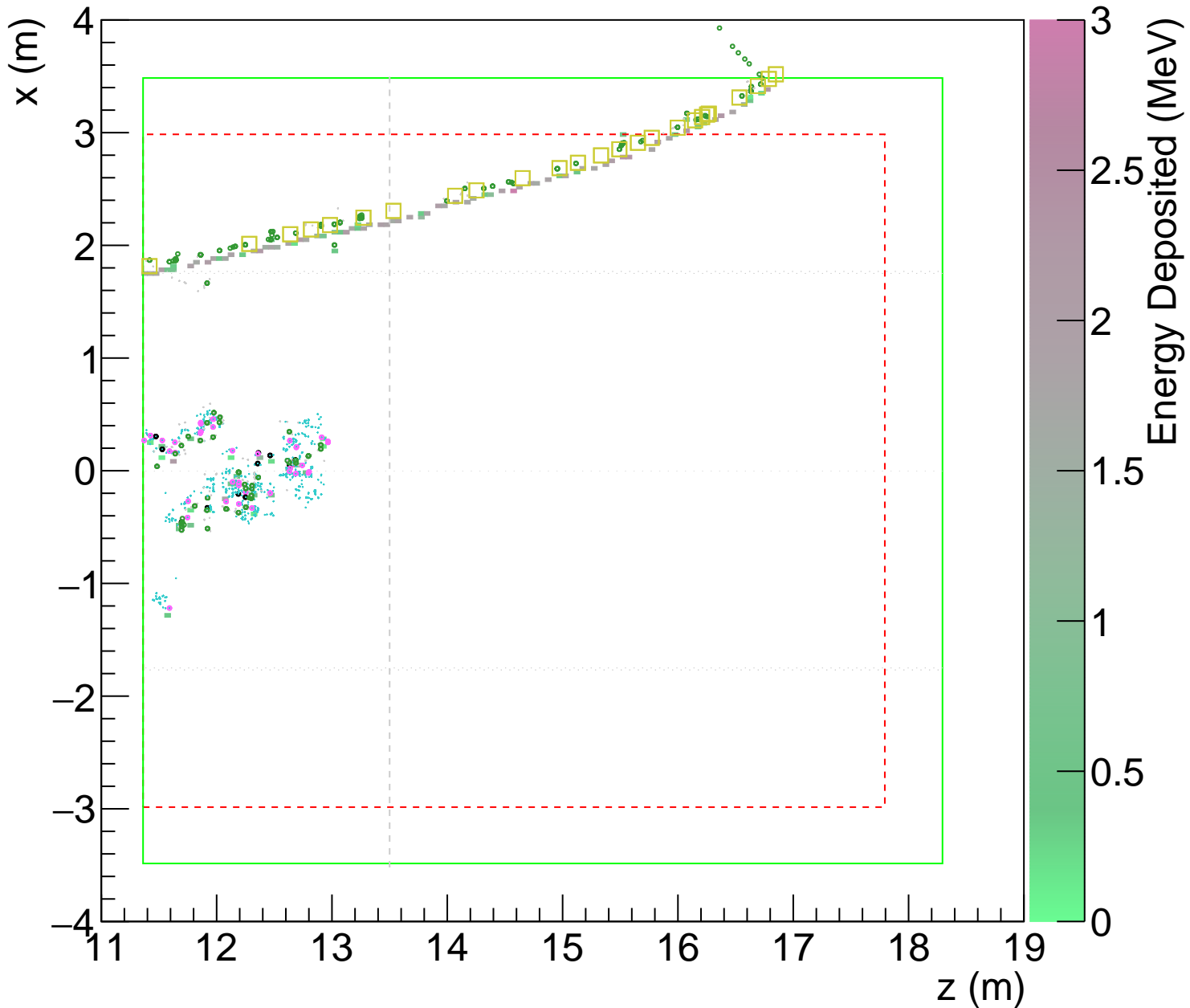


Event 0, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.71$  GeV,  $E_{\mu}^{\text{true}}=5.25$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

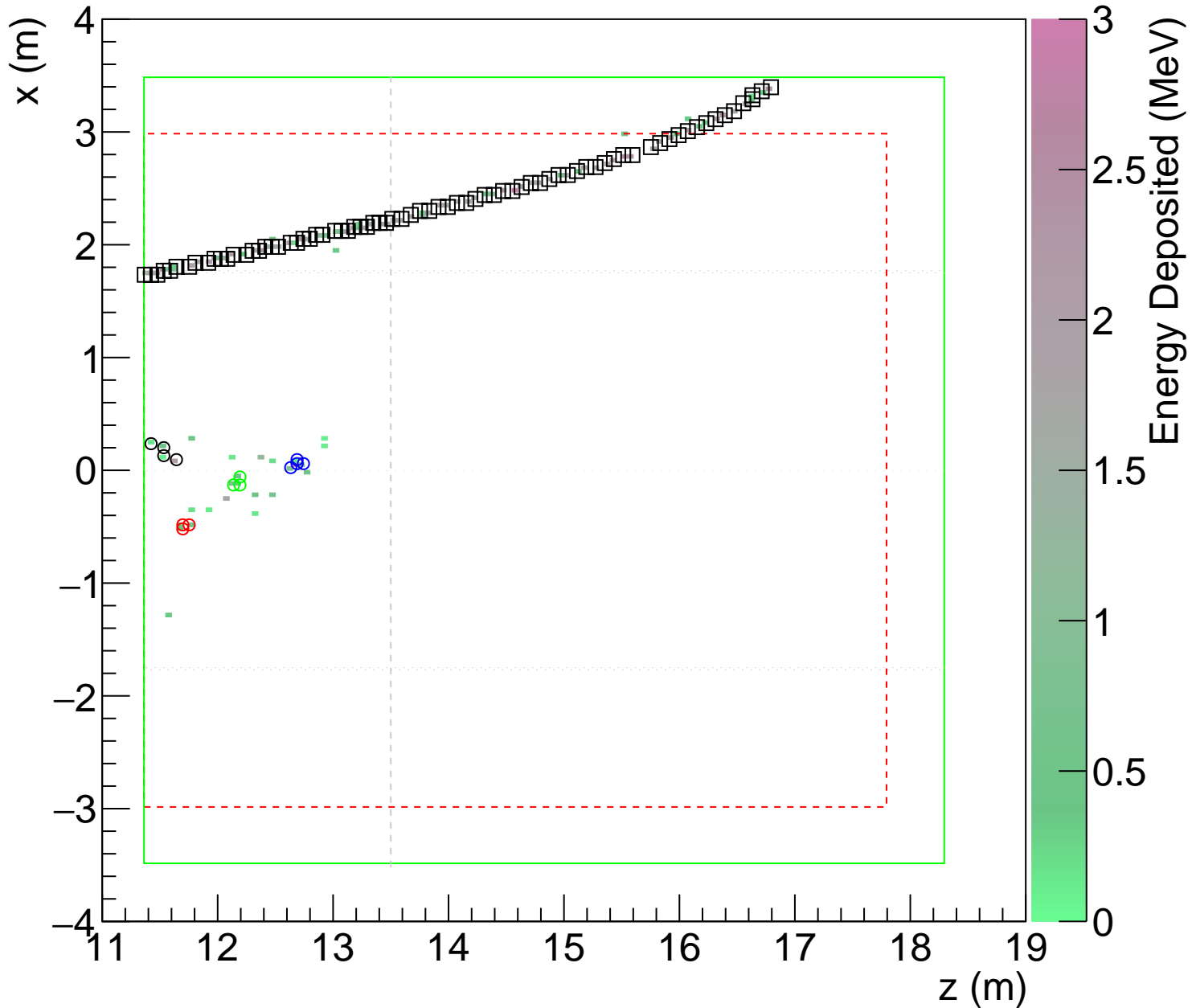


Event 0, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.71$  GeV,  $E_{\mu}^{\text{true}}=5.25$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

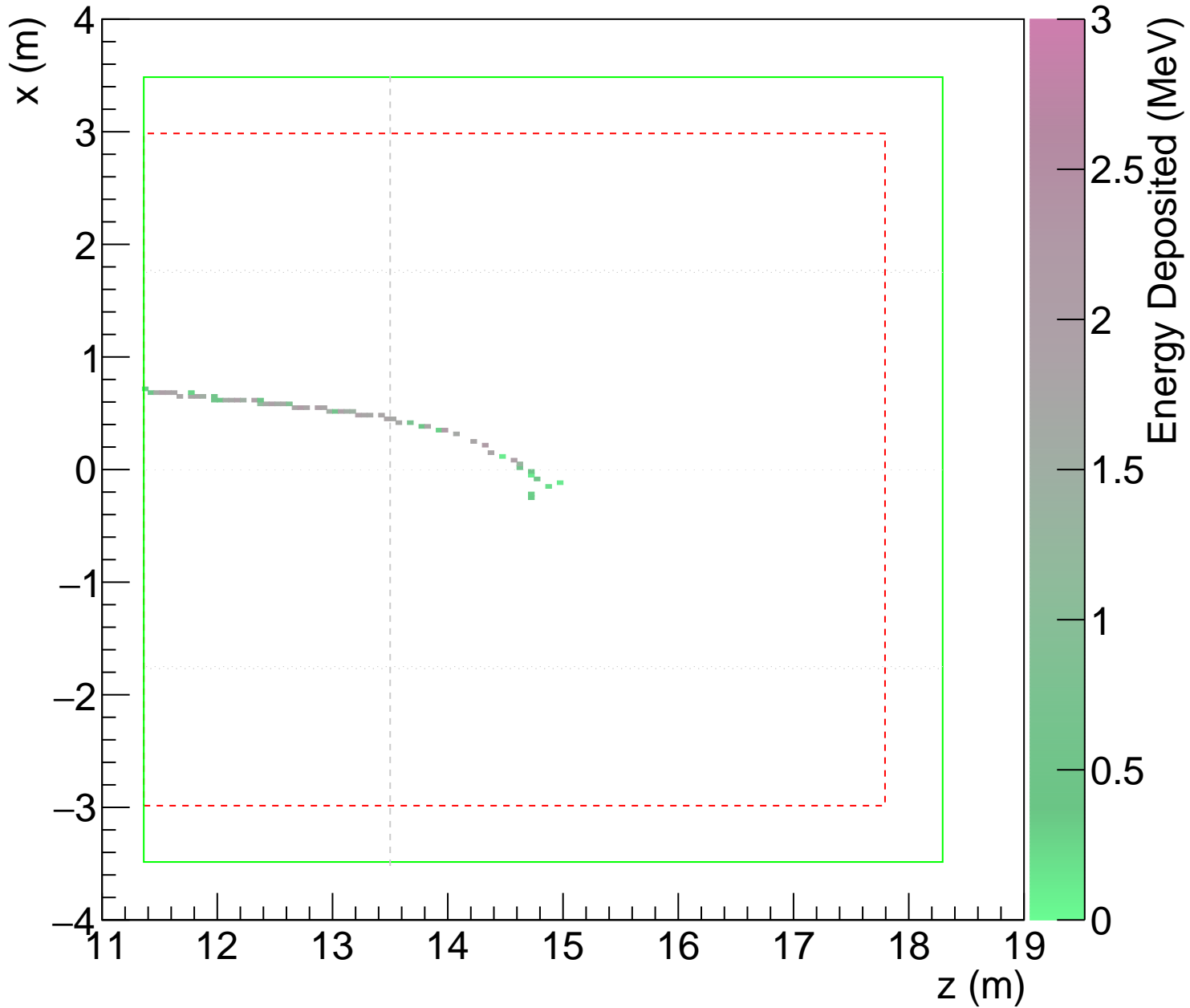


# Event 0 reconstructed

nLines: 1, nClusters: 4

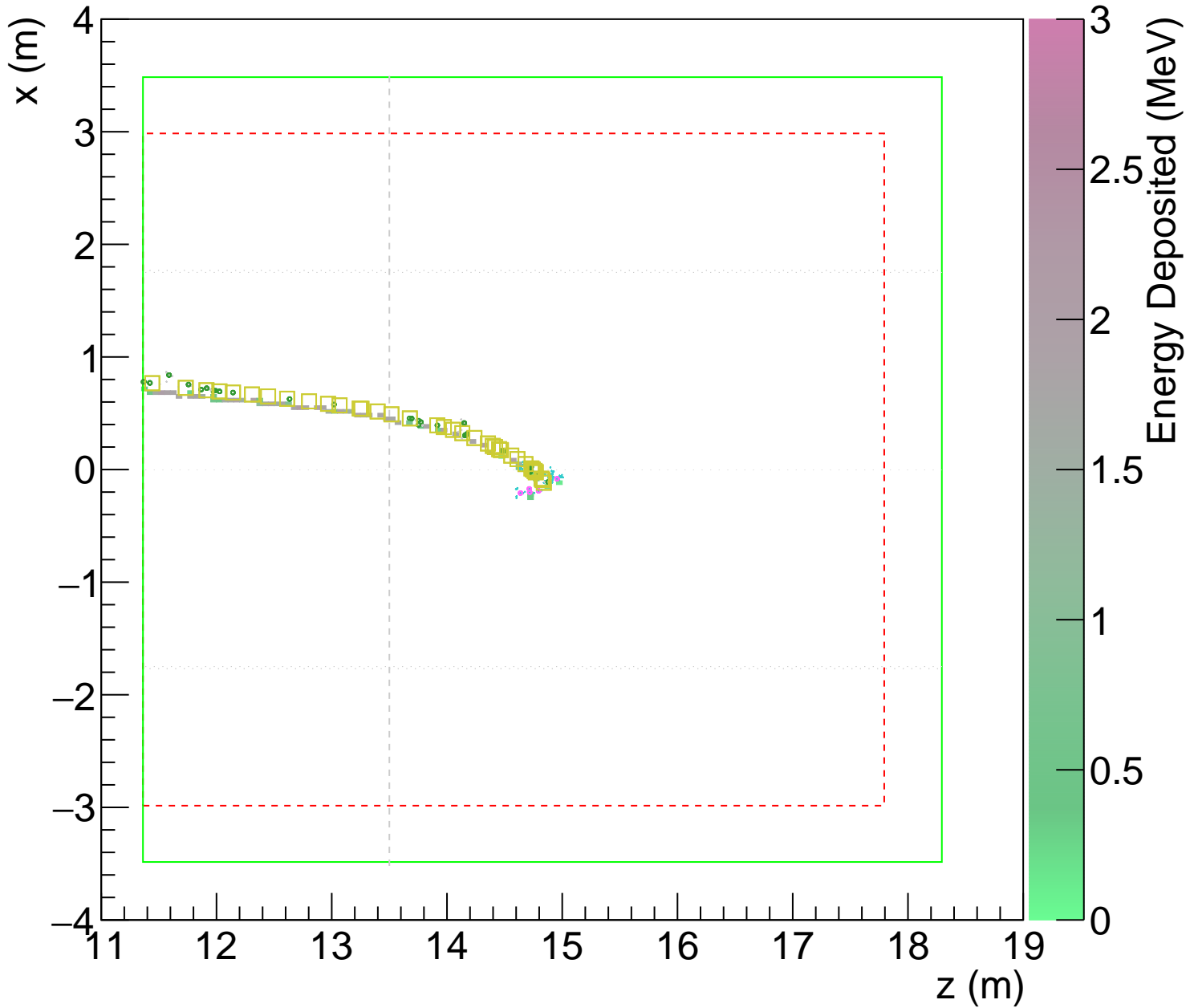


Event 2, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.04$  GeV,  $E_{\mu}^{\text{true}}=2.59$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



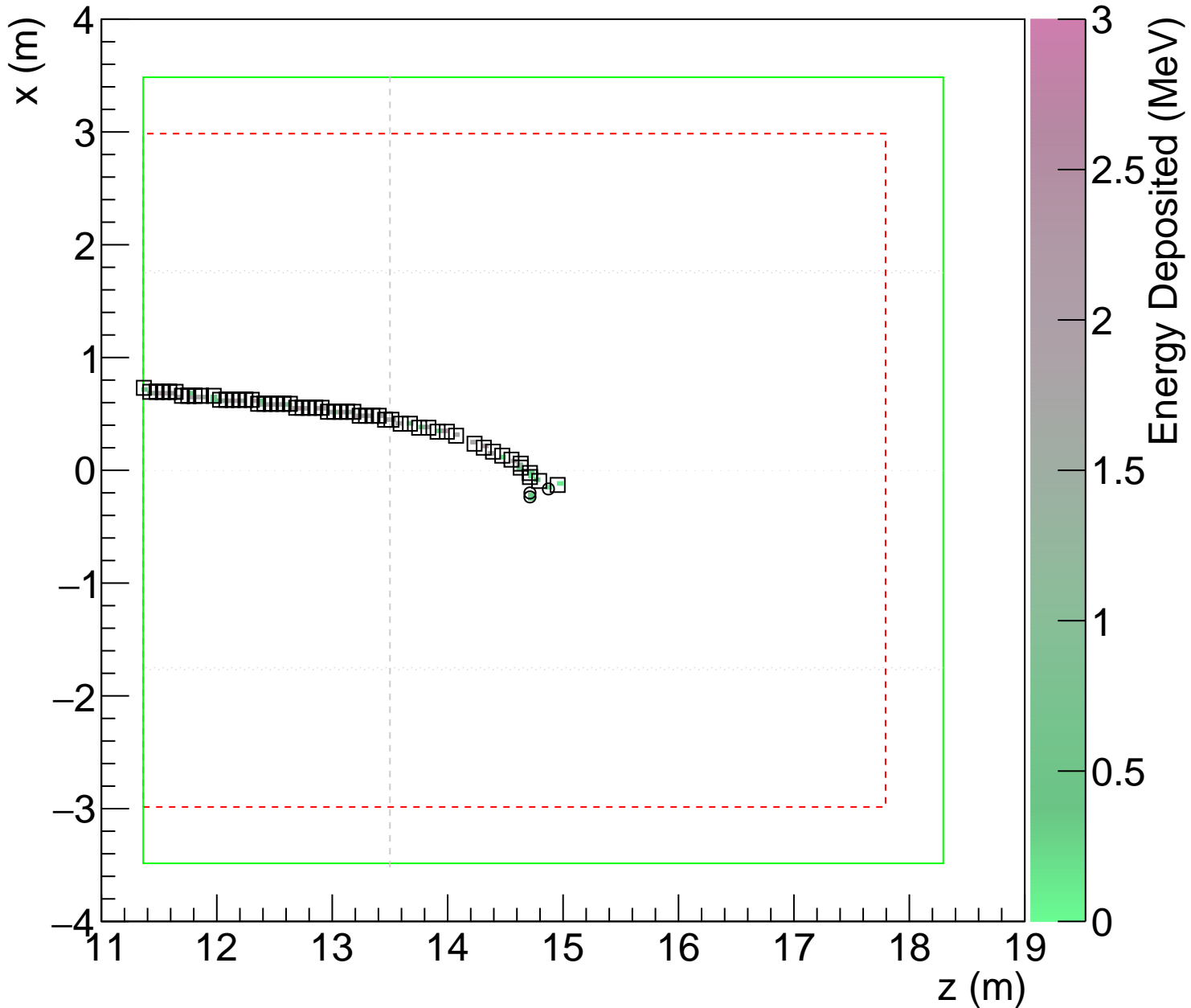


Event 2, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.04$  GeV,  $E_{\mu}^{\text{true}}=2.59$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

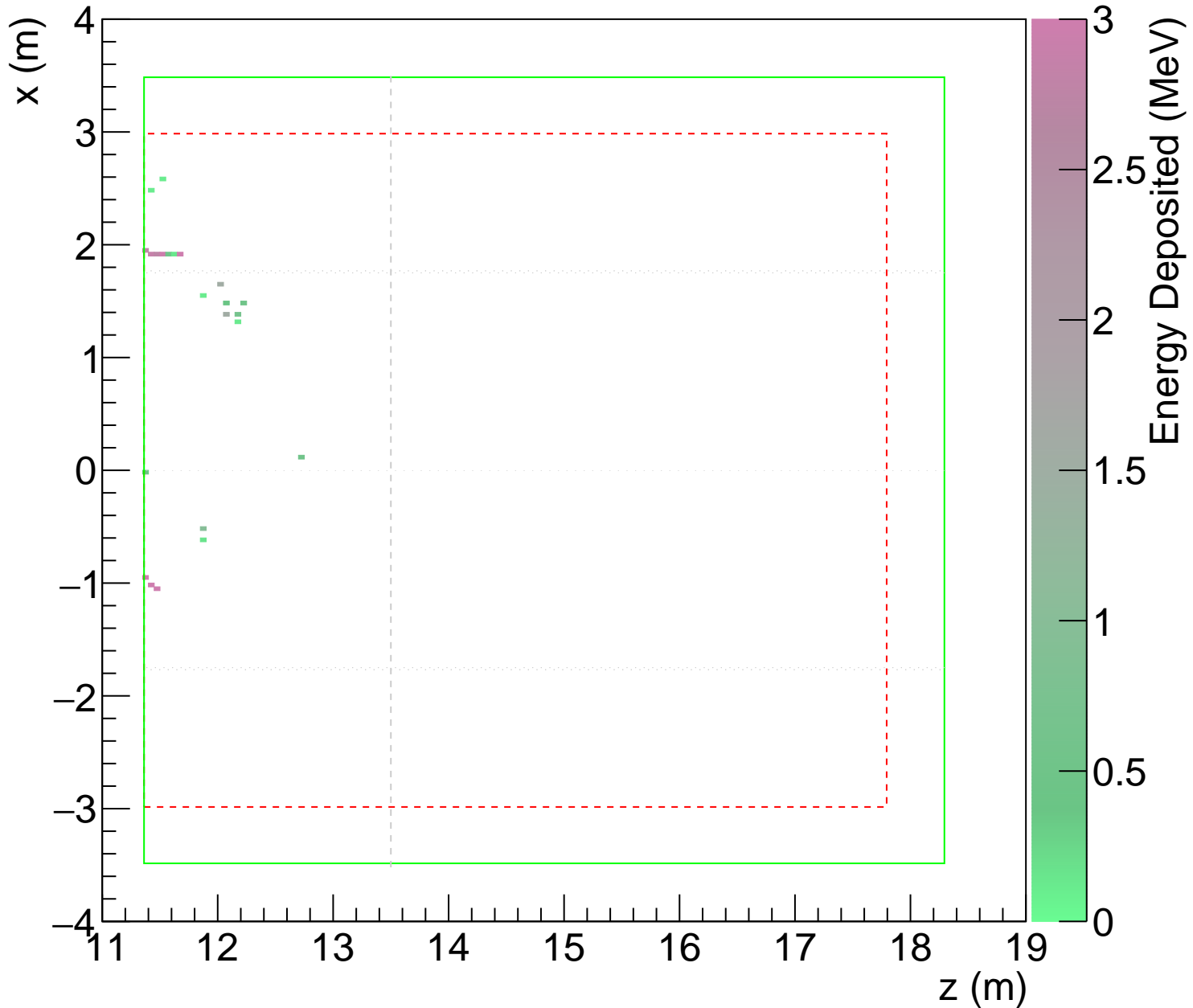


# Event 2 reconstructed

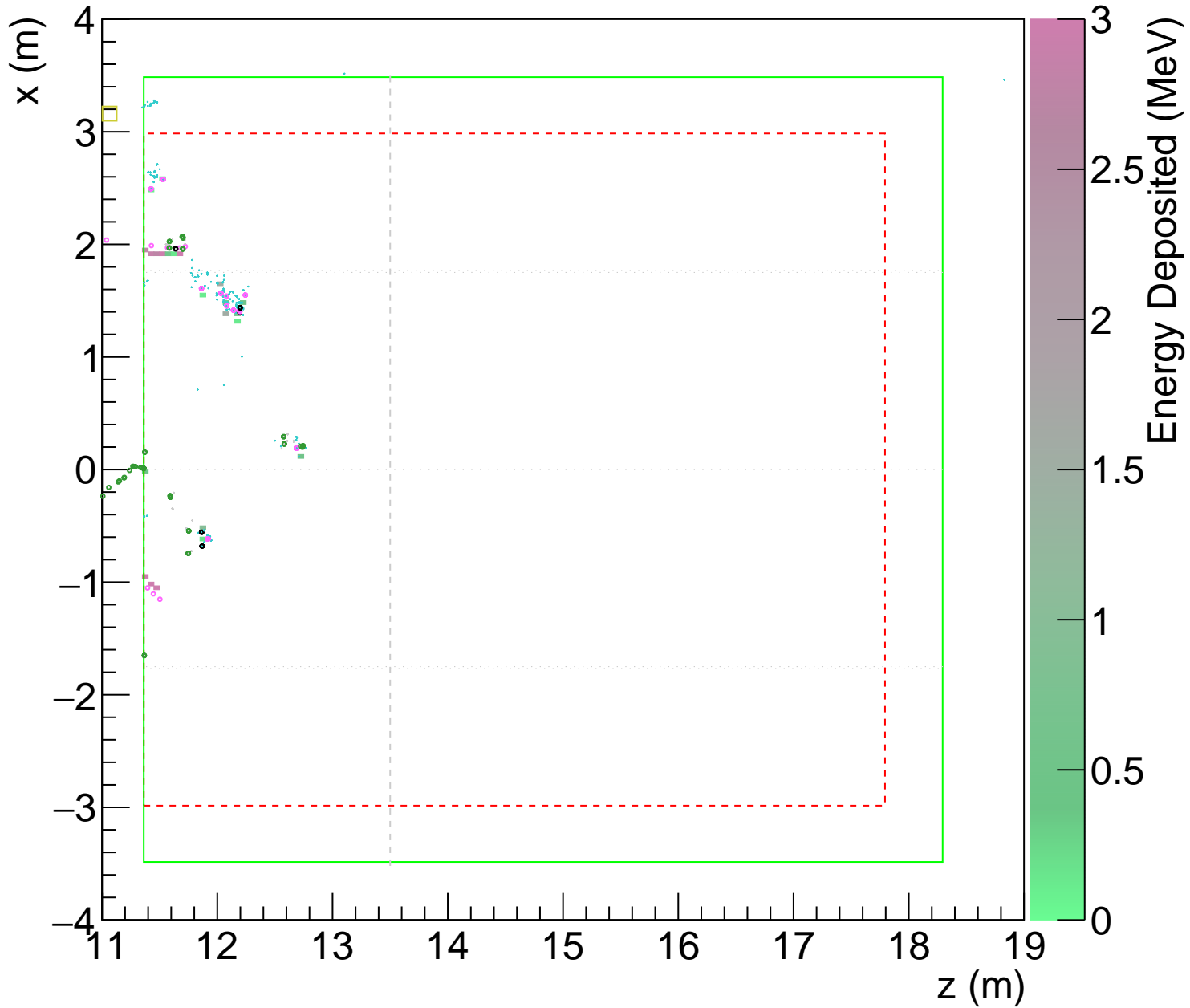
nLines: 1, nClusters: 1



Event 4, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.52$  GeV,  $E_{\mu}^{\text{true}}=1.21$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

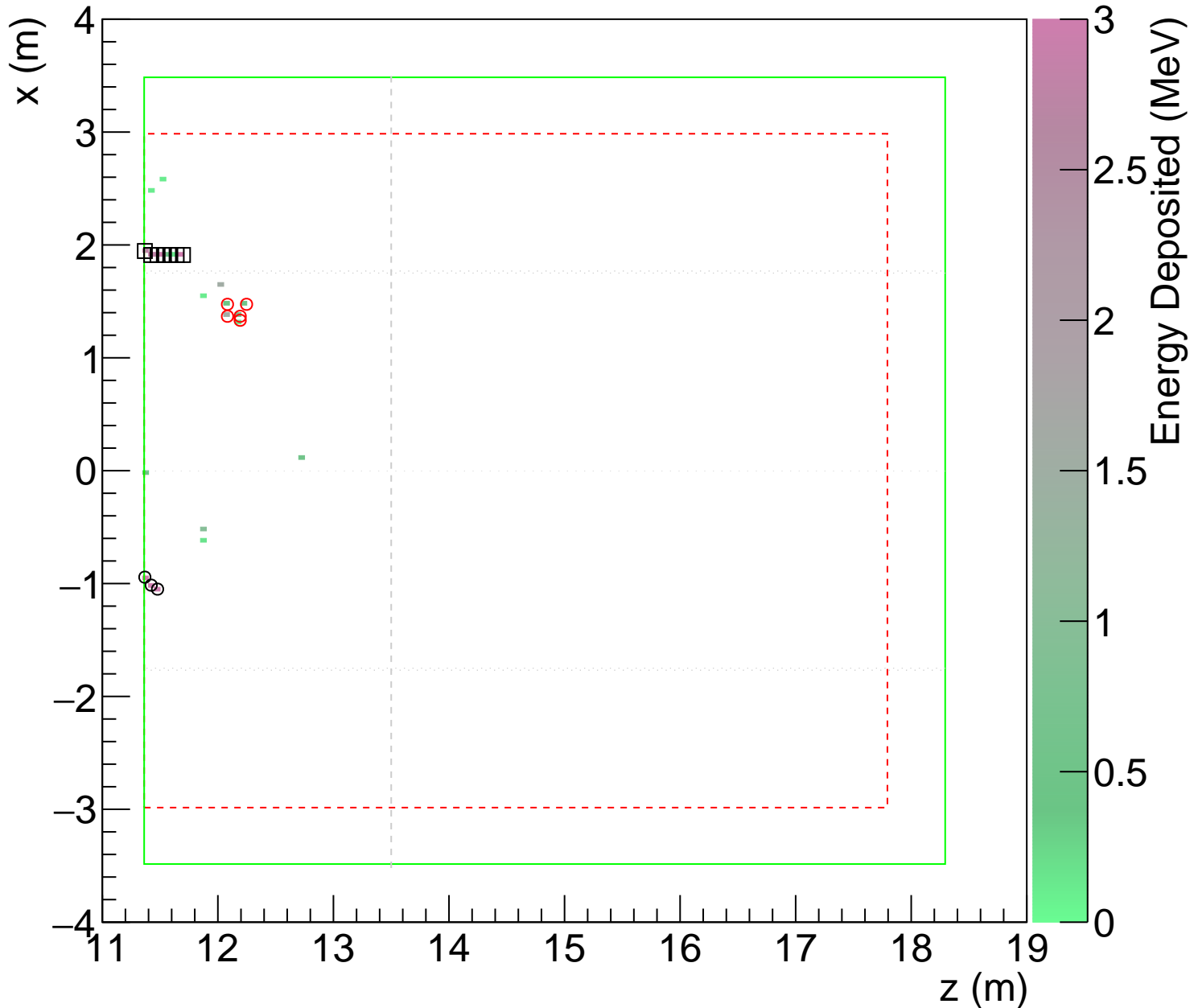


Event 4, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.52$  GeV,  $E_{\mu}^{\text{true}}=1.21$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

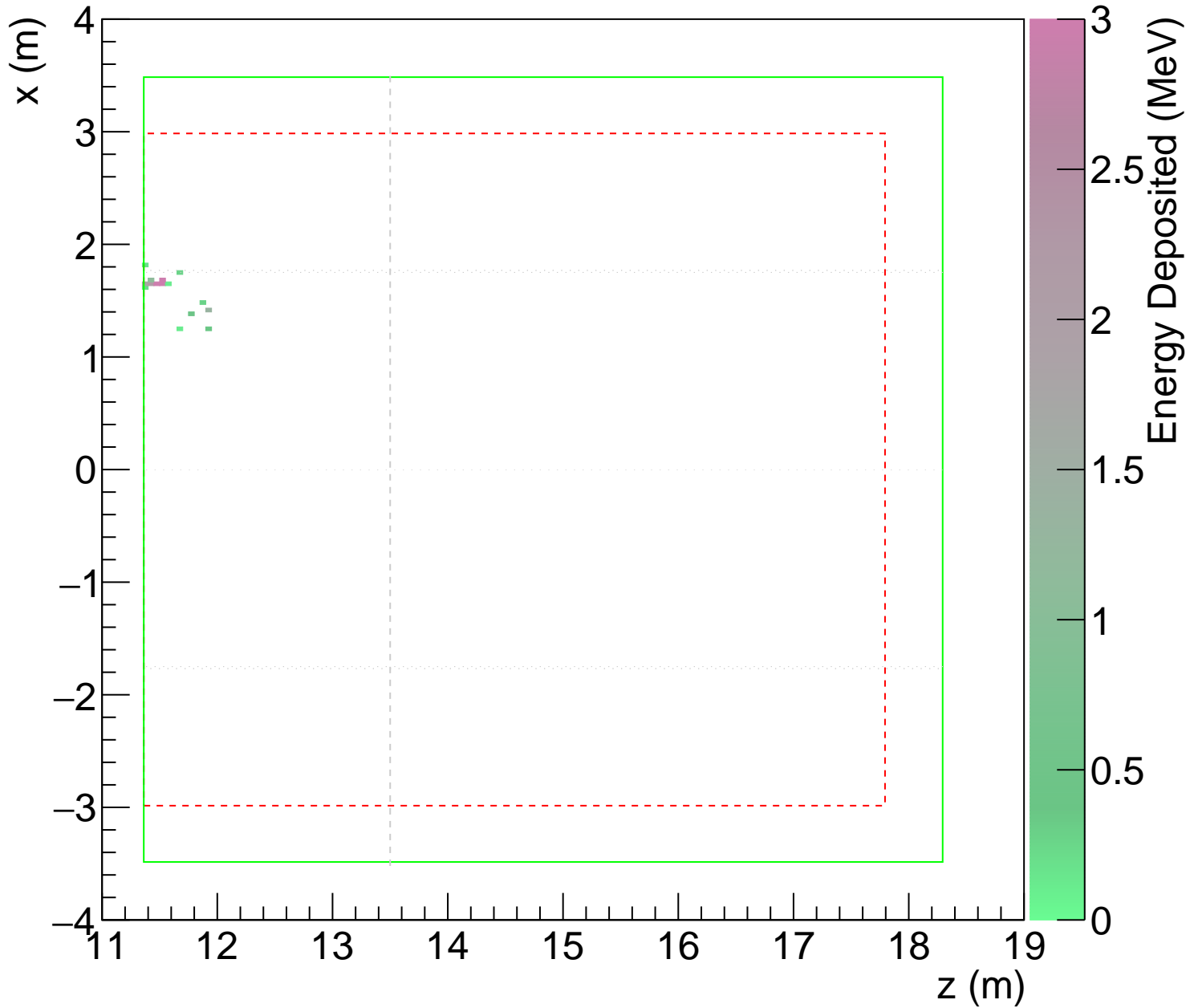


# Event 4 reconstructed

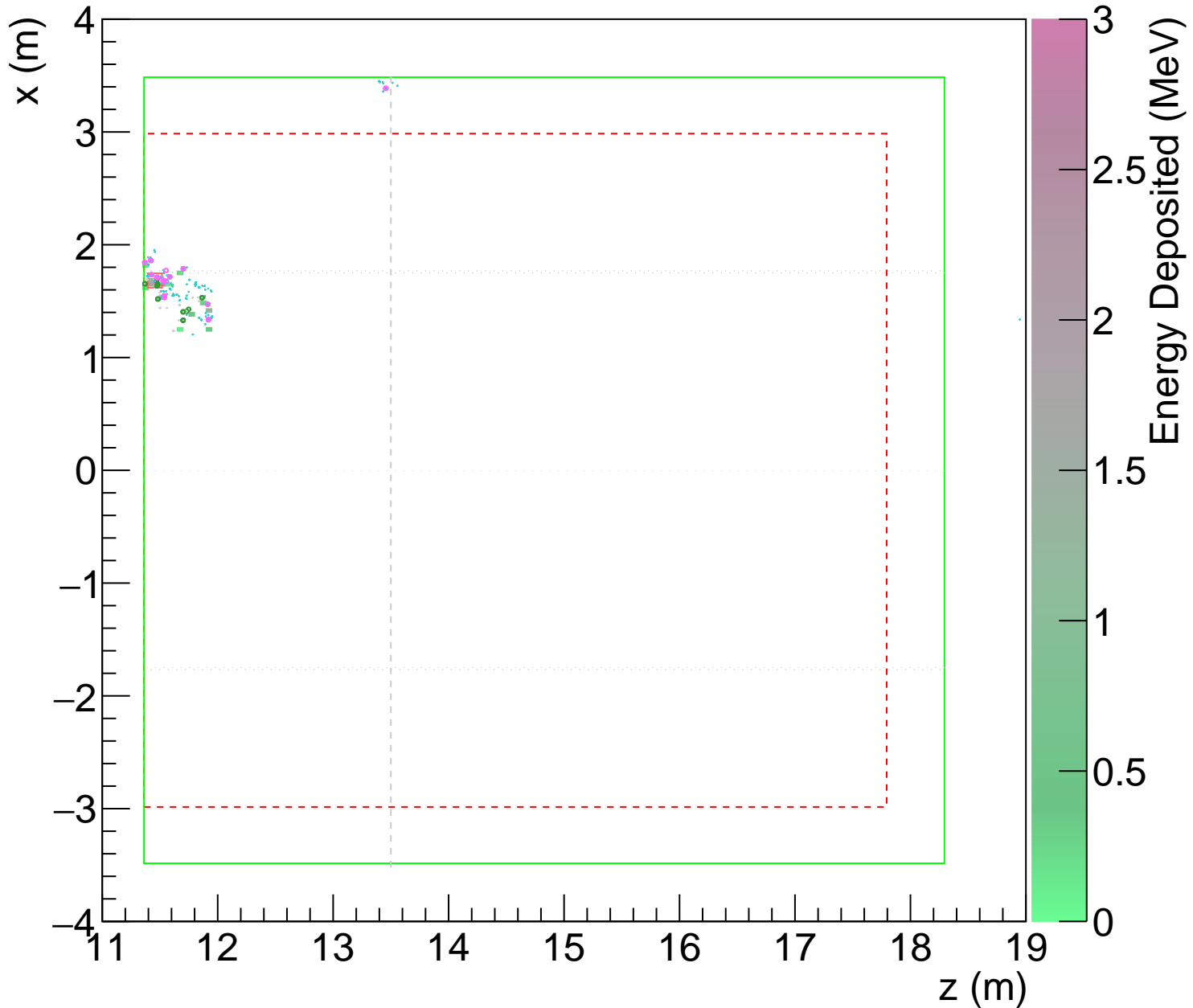
nLines: 1, nClusters: 2



Event 5, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.02$  GeV,  $E_{\mu}^{\text{true}}=0.45$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:11,

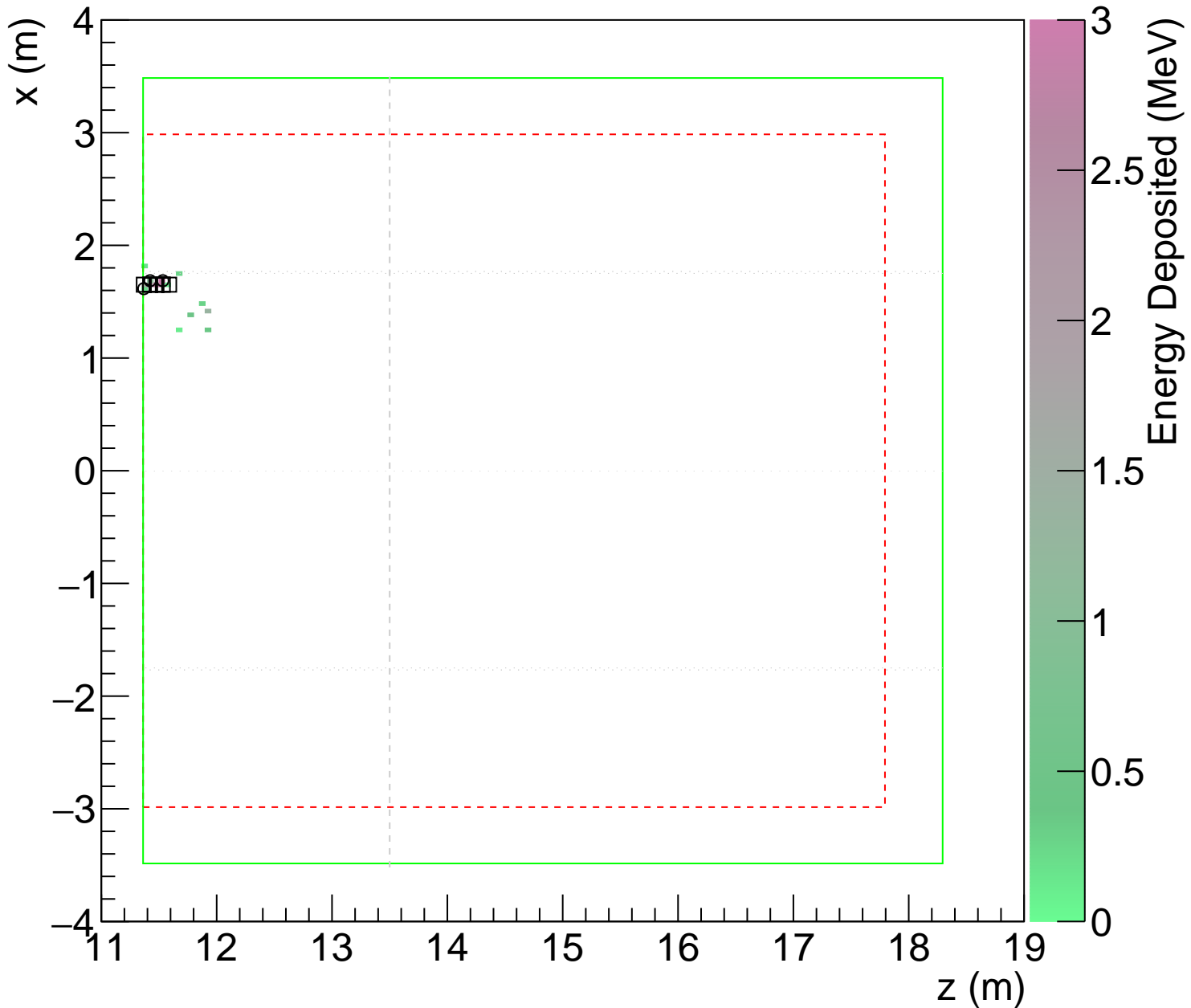


Event 5, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.02$  GeV,  $E_{\mu}^{\text{true}}=0.45$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:11,



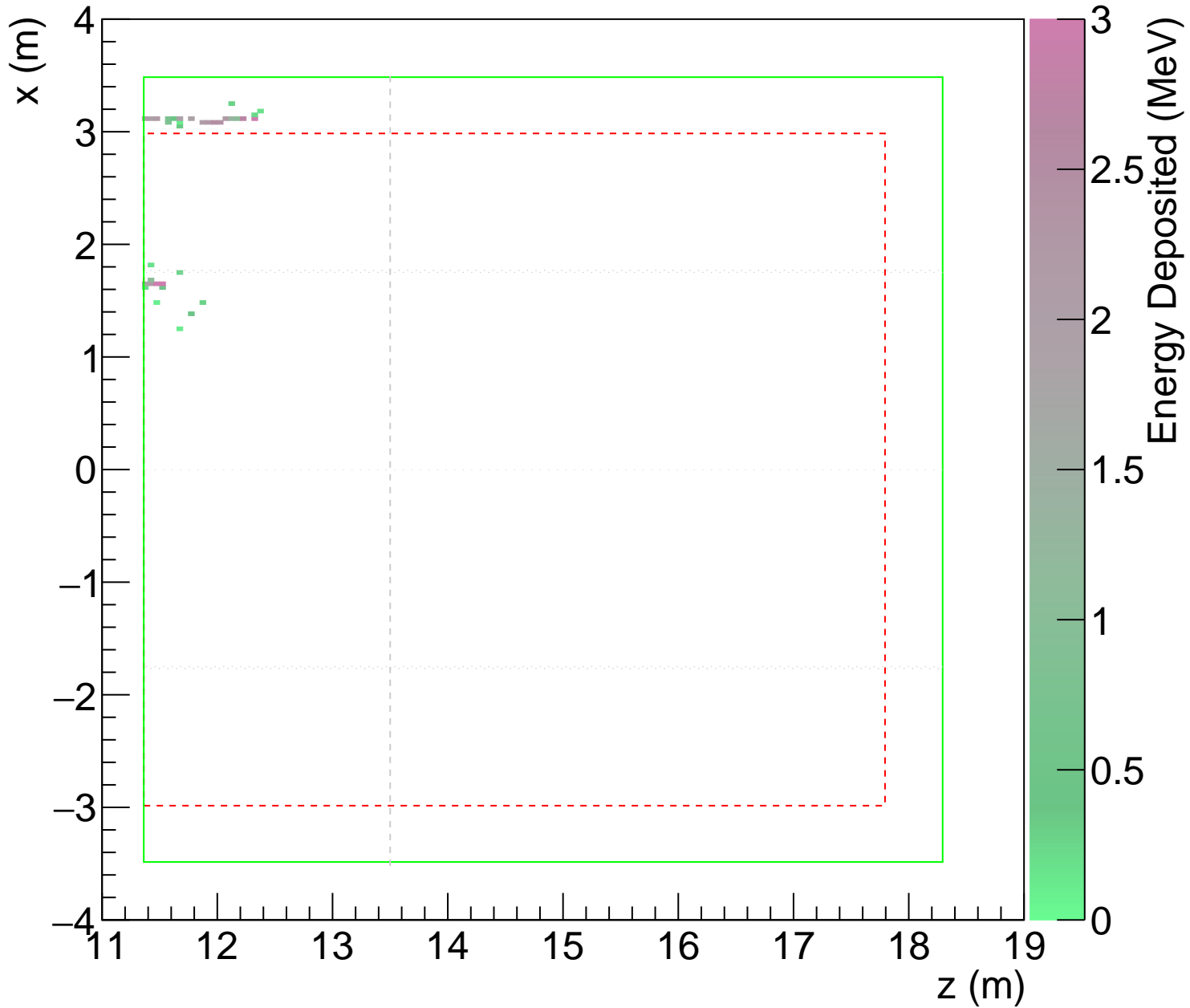
# Event 5 reconstructed

nLines: 1, nClusters: 1

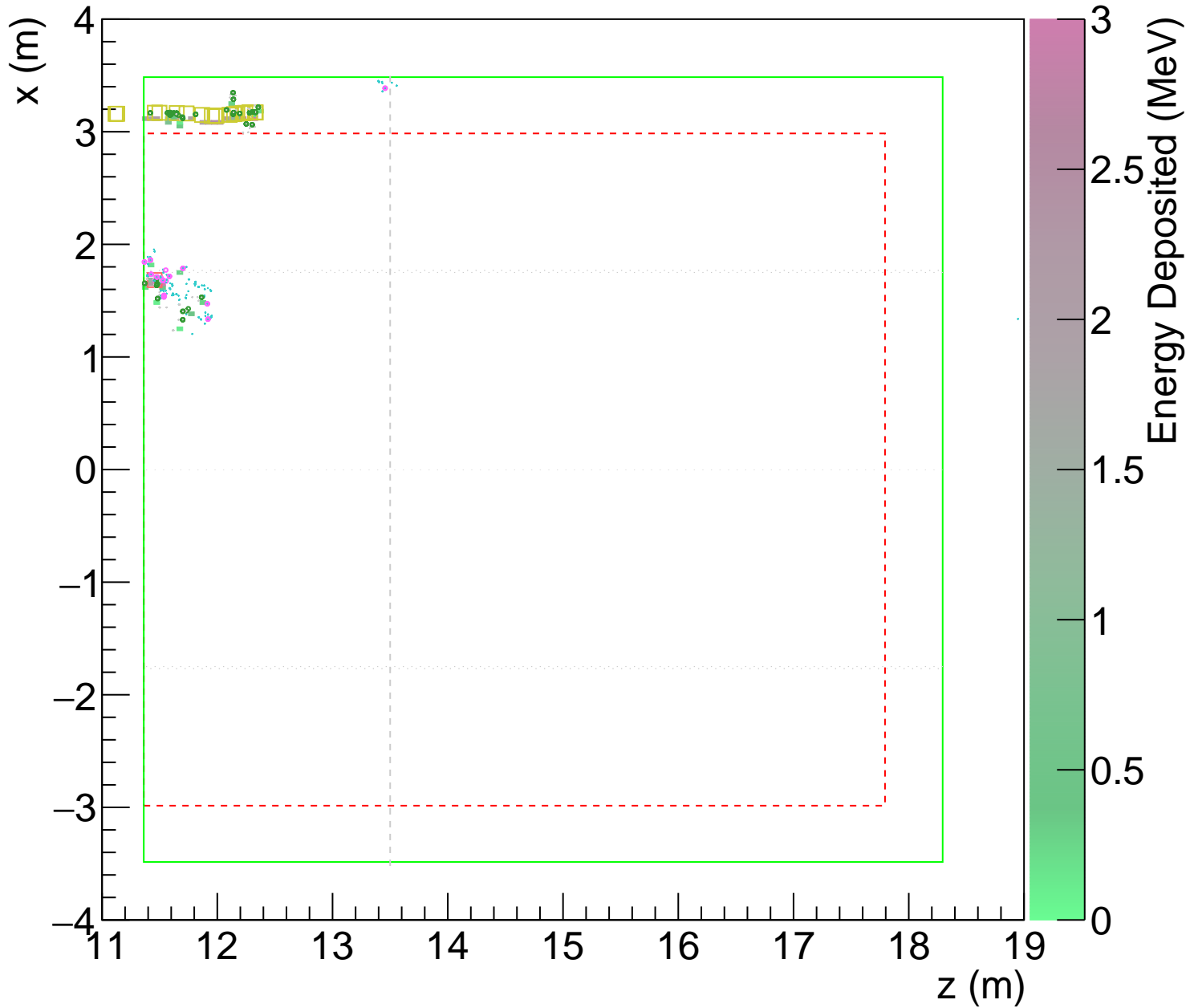




Event 6, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.28$  GeV,  $E_{\mu}^{\text{true}}=0.77$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

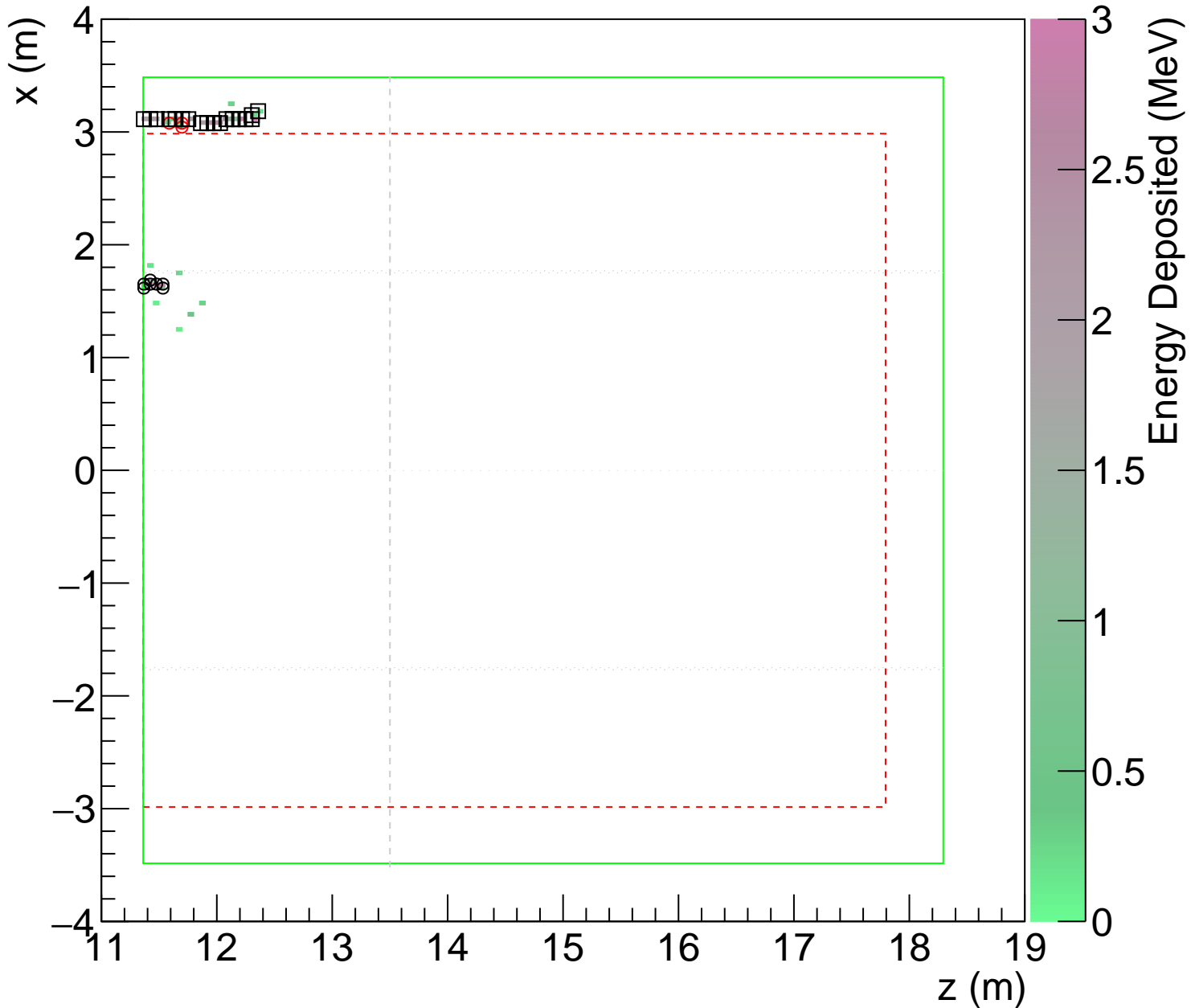


Event 6, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.28$  GeV,  $E_{\mu}^{\text{true}}=0.77$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

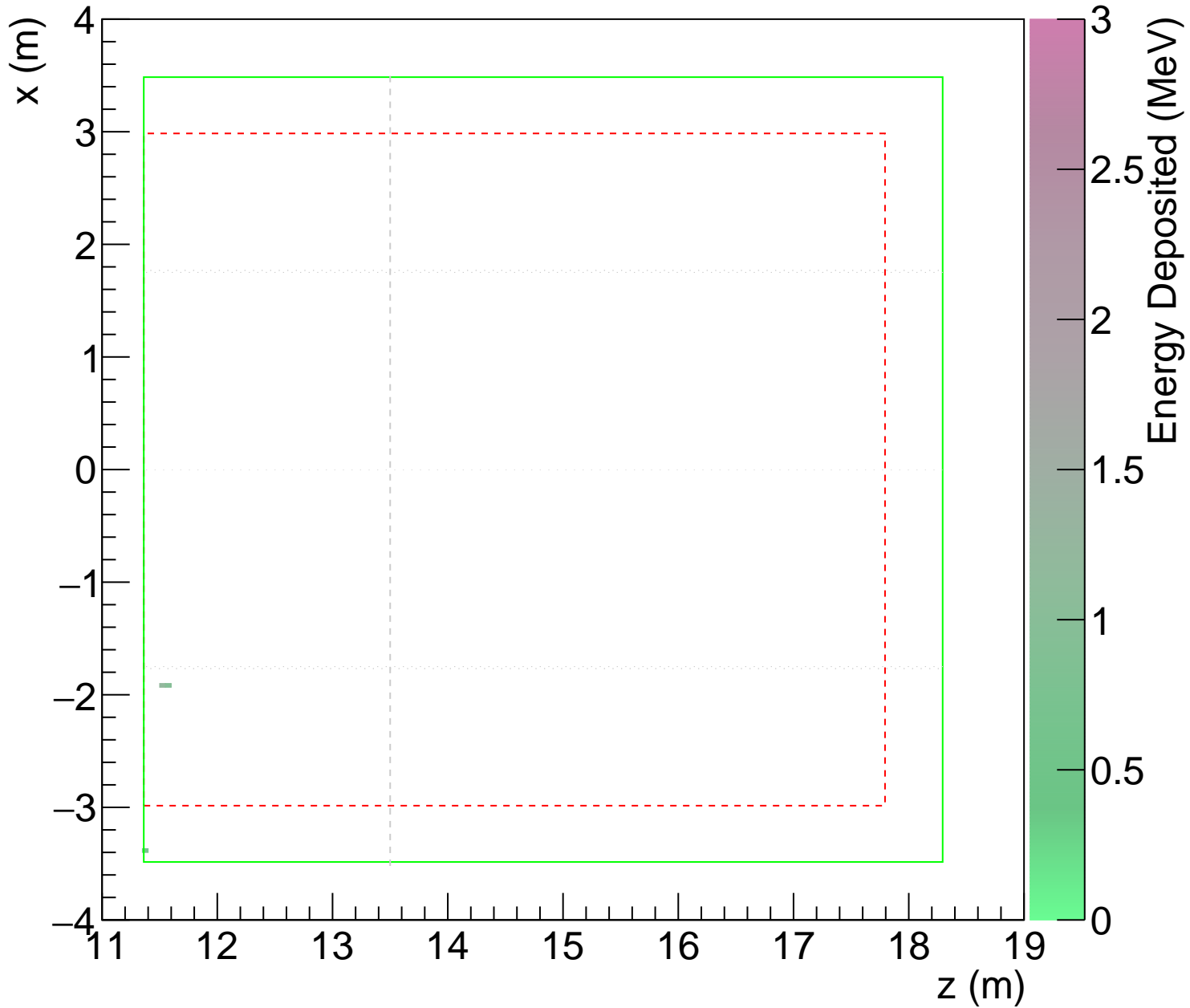


# Event 6 reconstructed

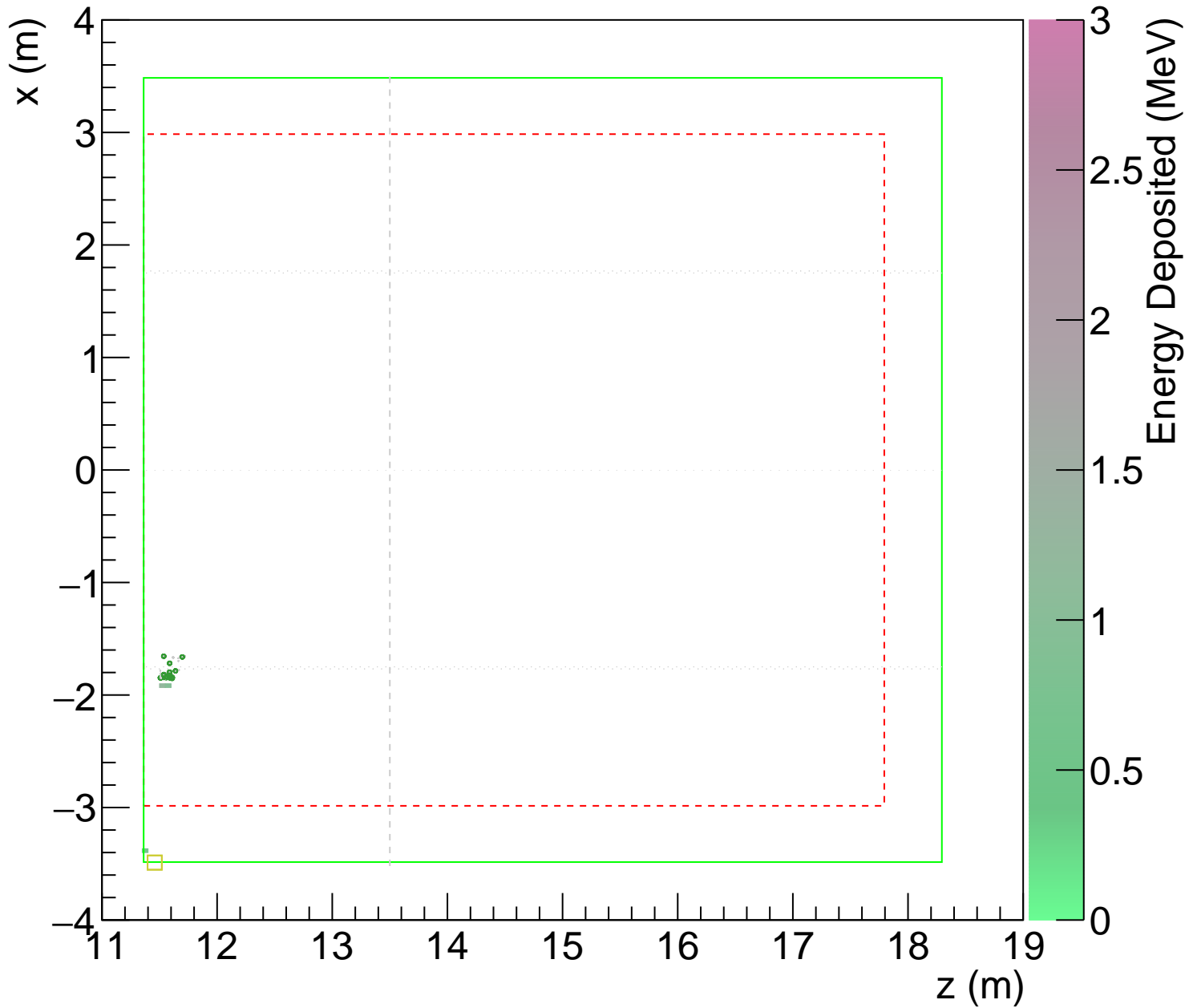
nLines: 1, nClusters: 2



Event 7, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.19$  GeV,  $E_{\mu}^{\text{true}}=1.54$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

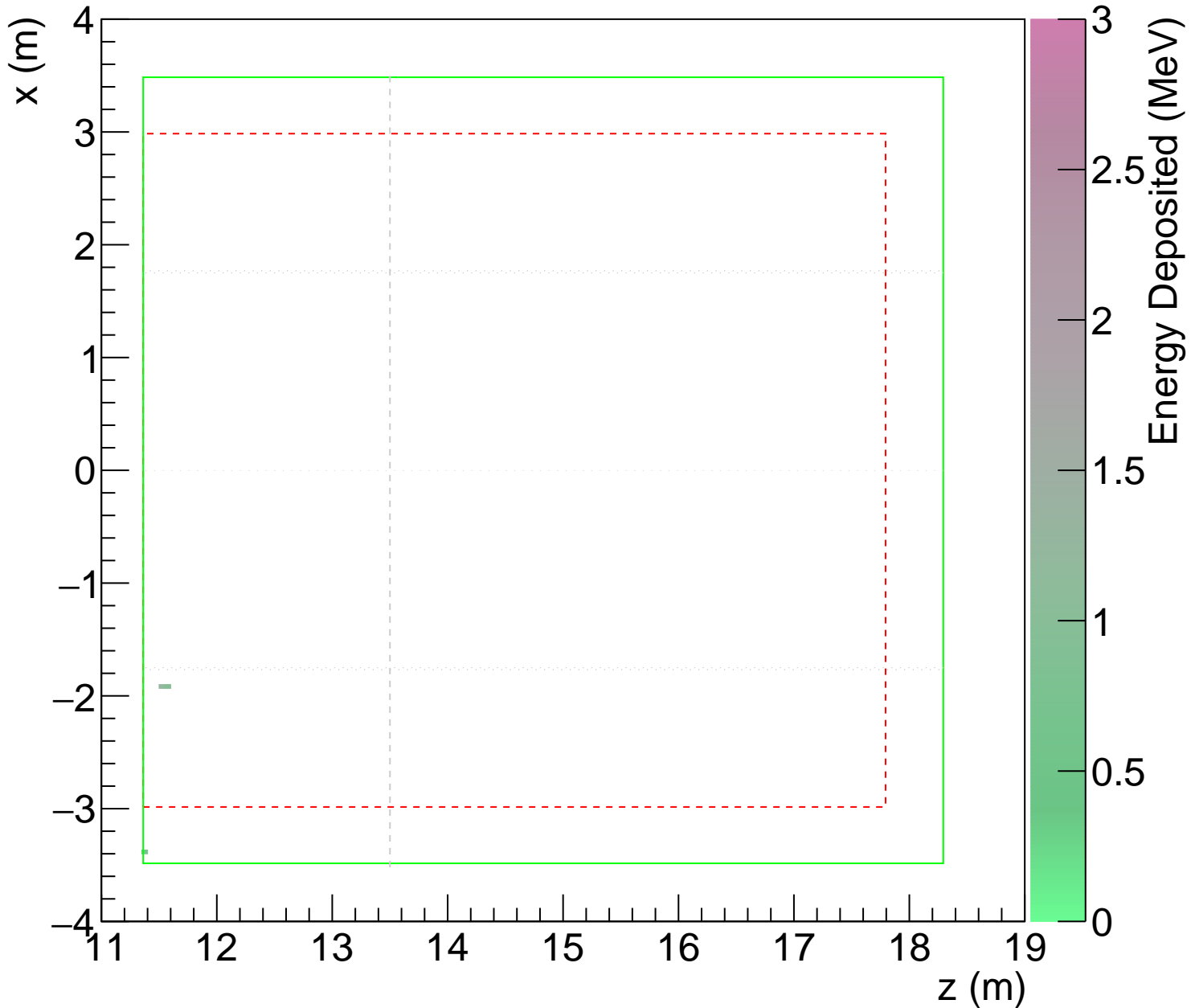


Event 7, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.19$  GeV,  $E_{\mu}^{\text{true}}=1.54$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

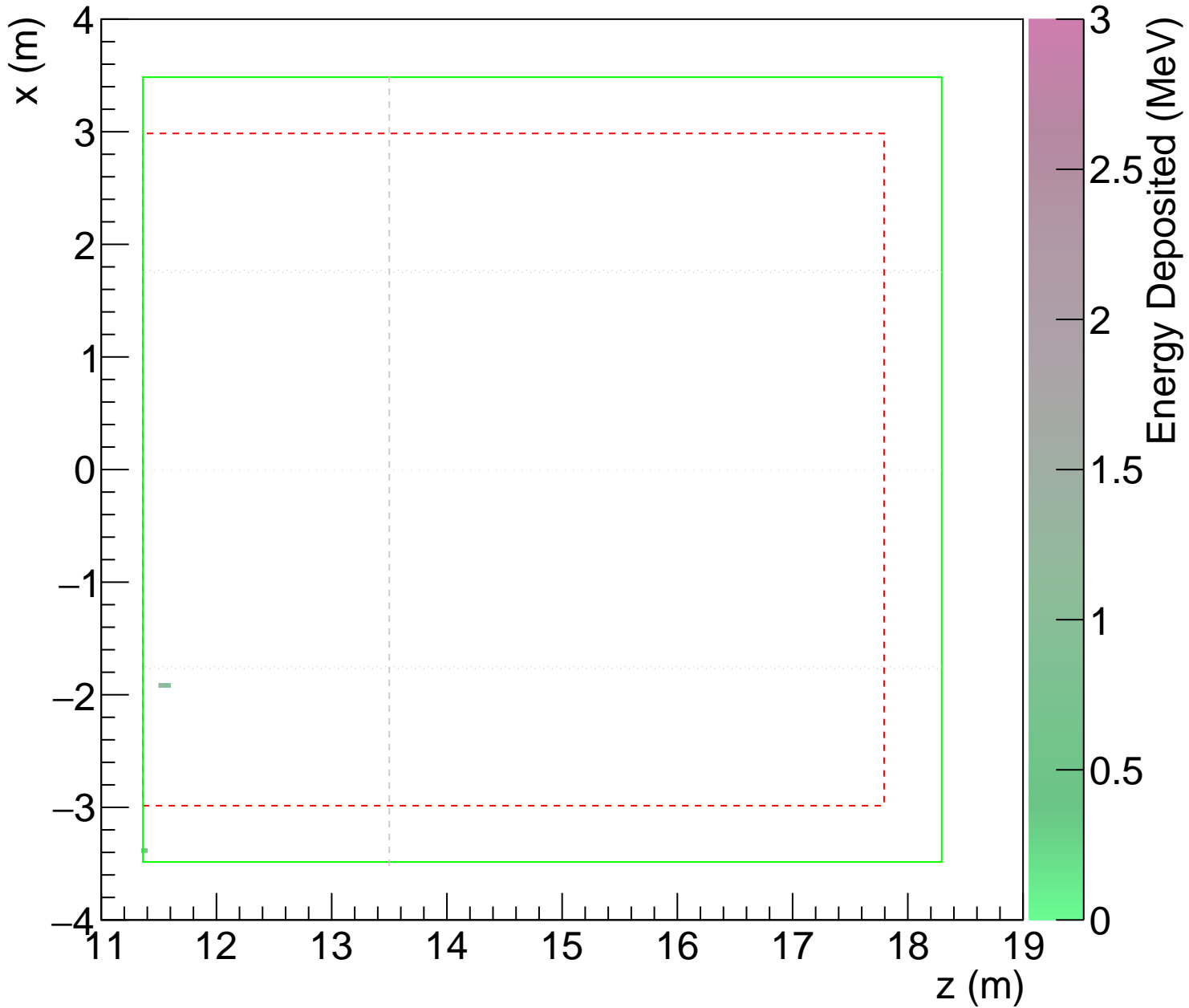


# Event 7 reconstructed

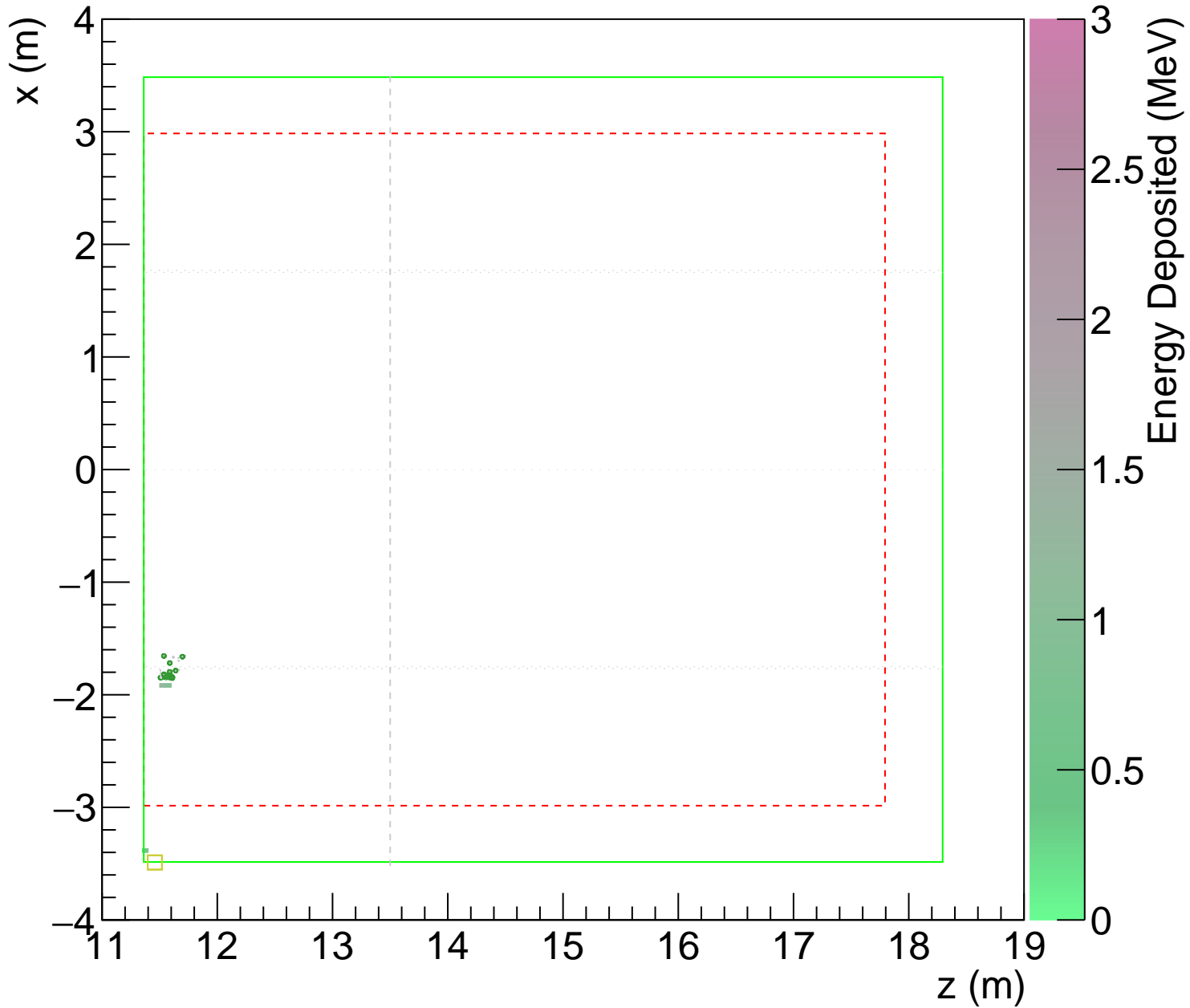
nLines: 0, nClusters: 0



Event 8, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.44$  GeV,  $E_{\mu}^{\text{true}}=1.54$  GeV  
nu:14,tgt:1000250550,N:2212,proc:Weak[NC],RES,res:2,



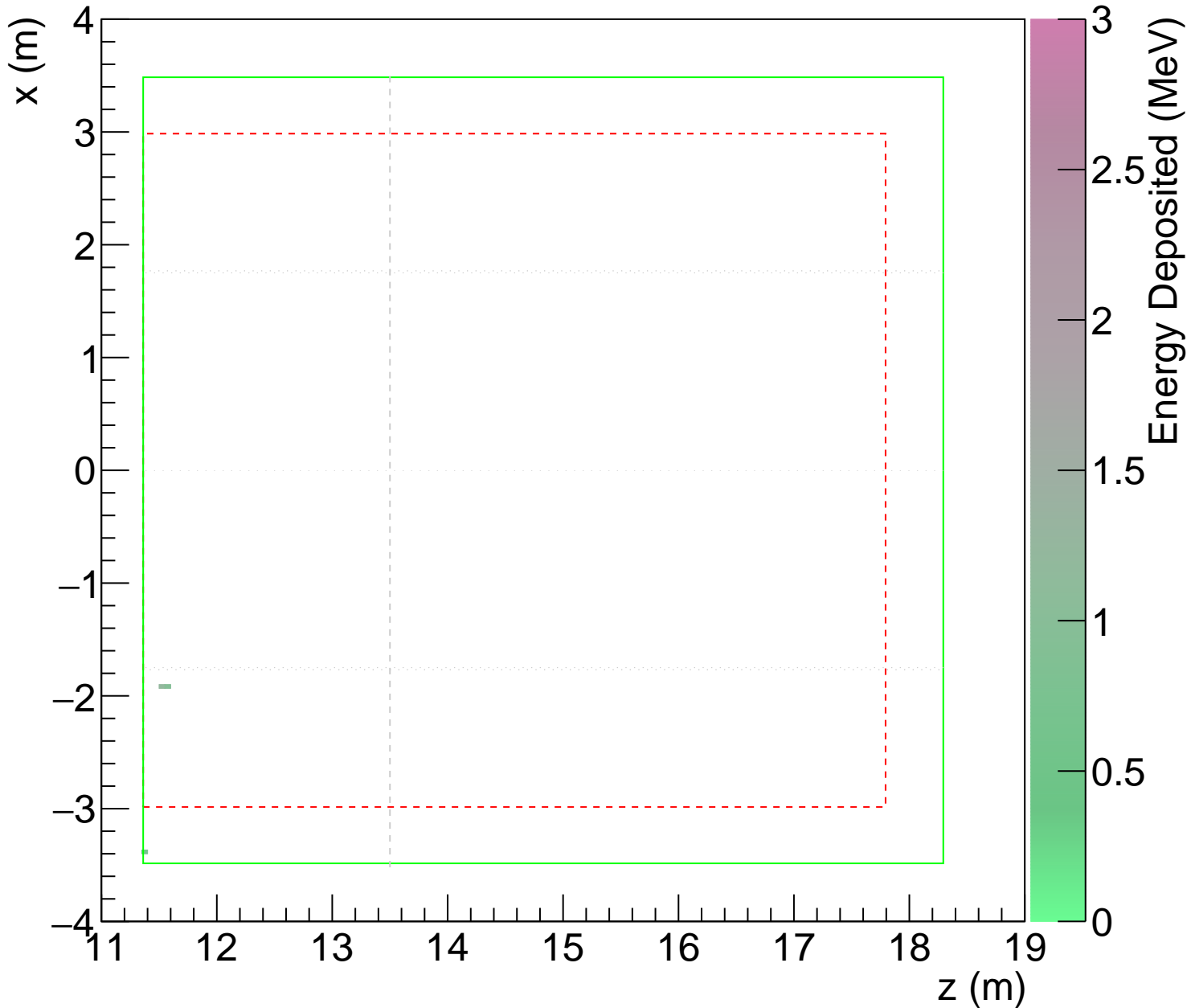
Event 8, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.44$  GeV,  $E_{\mu}^{\text{true}}=1.54$  GeV  
nu:14,tgt:1000250550,N:2212,proc:Weak[NC],RES,res:2,



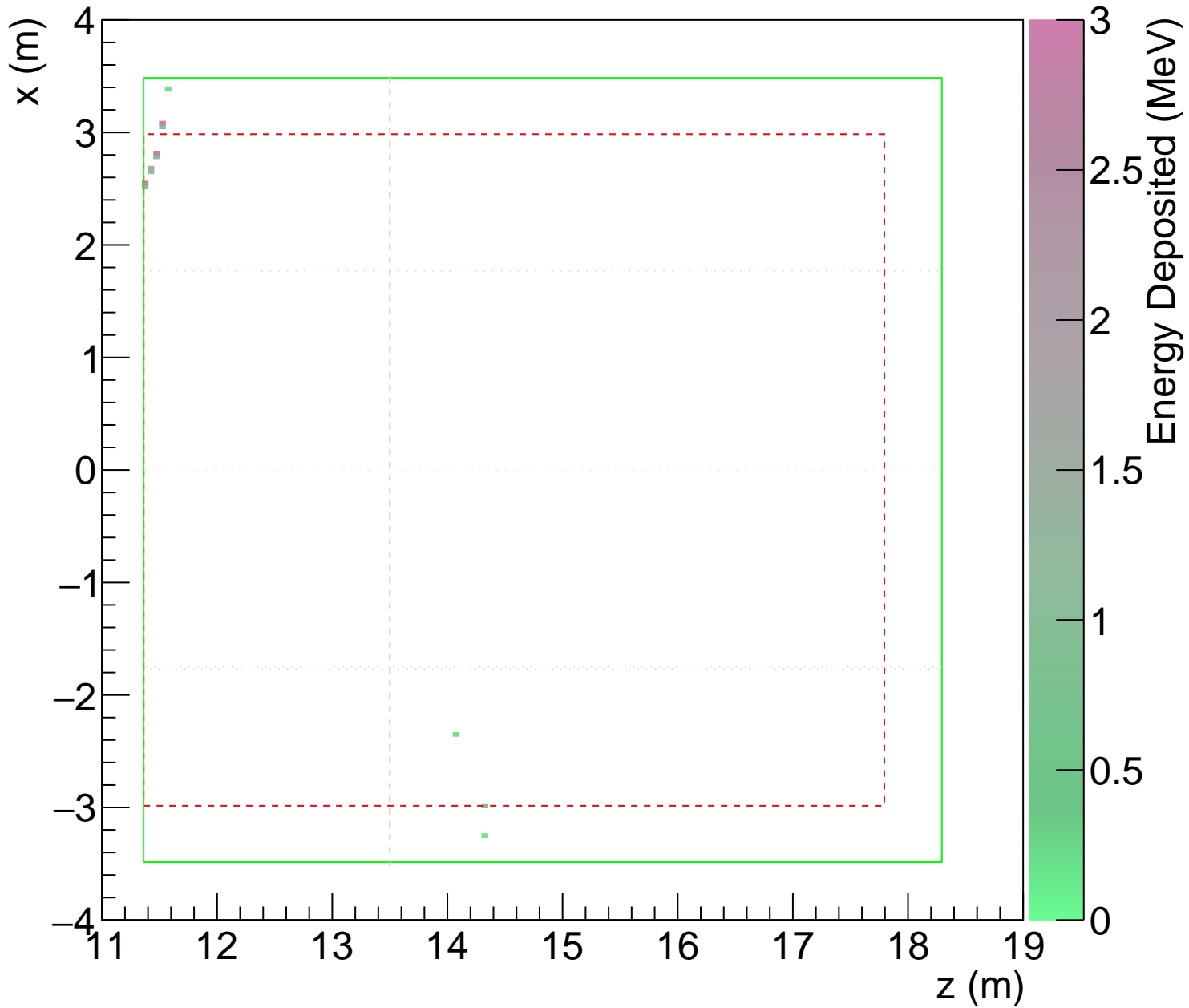


# Event 8 reconstructed

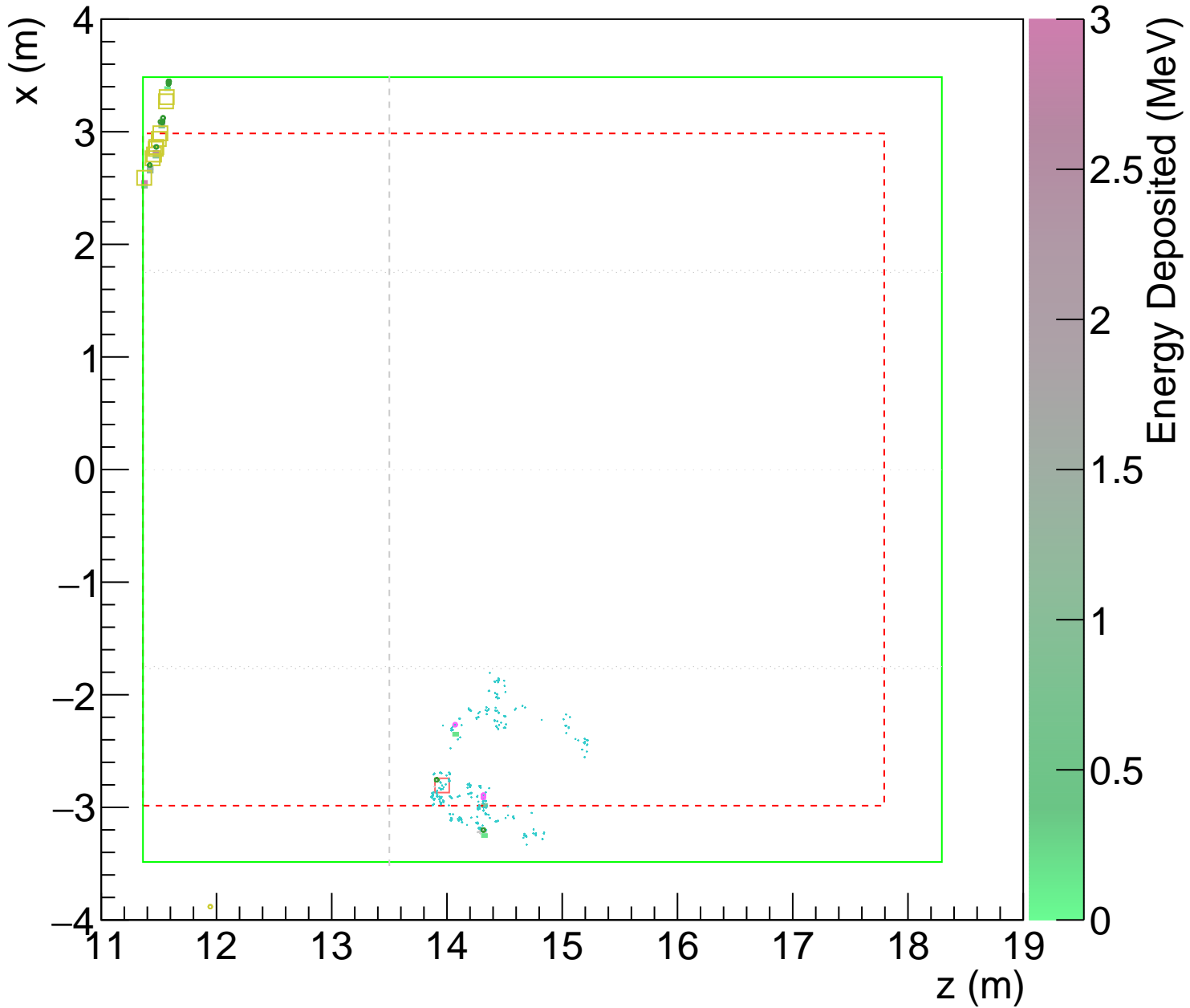
nLines: 0, nClusters: 0



Event 9, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.65$  GeV,  $E_{\mu}^{\text{true}}=0.85$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

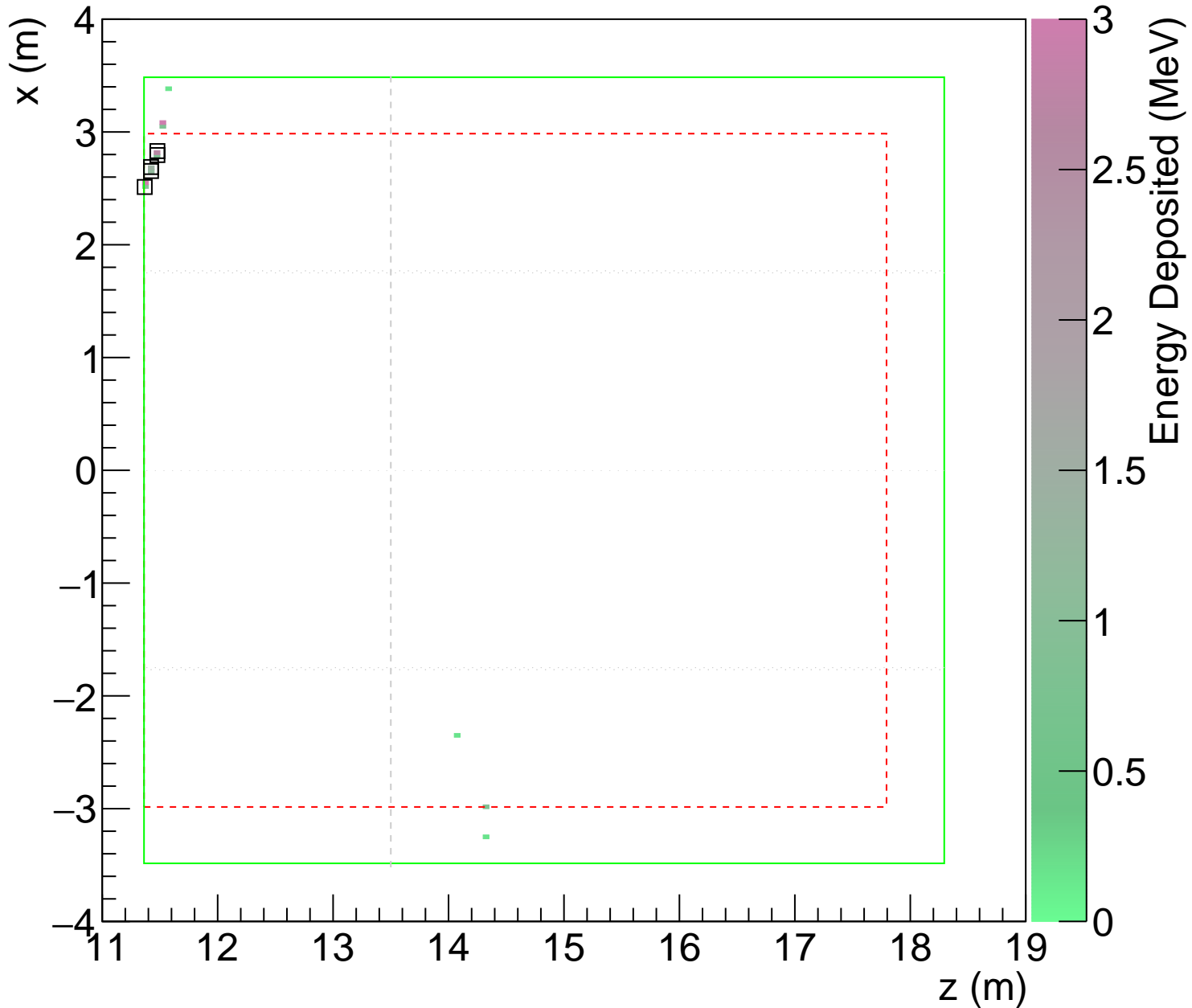


Event 9, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.65$  GeV,  $E_{\mu}^{\text{true}}=0.85$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

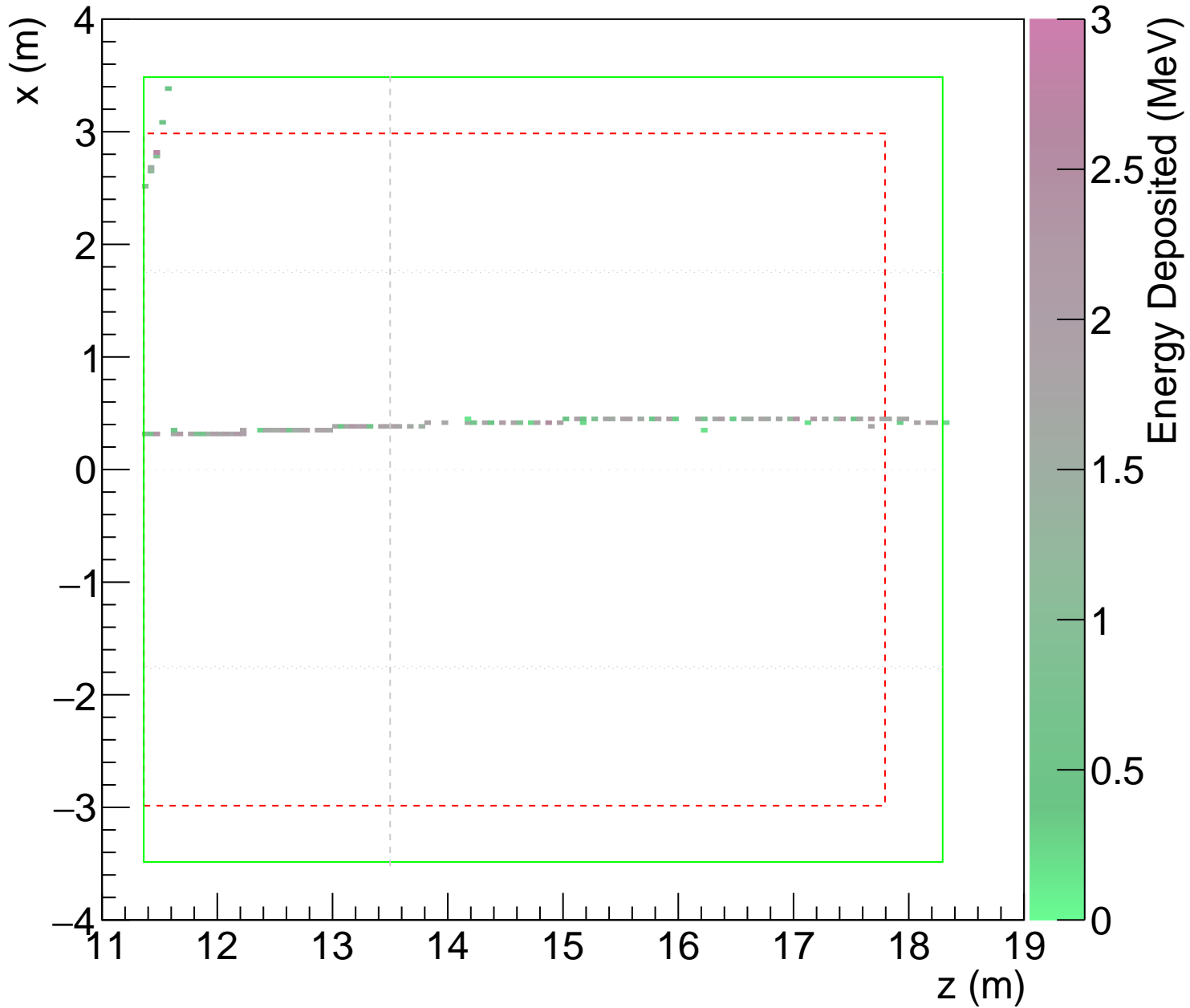


# Event 9 reconstructed

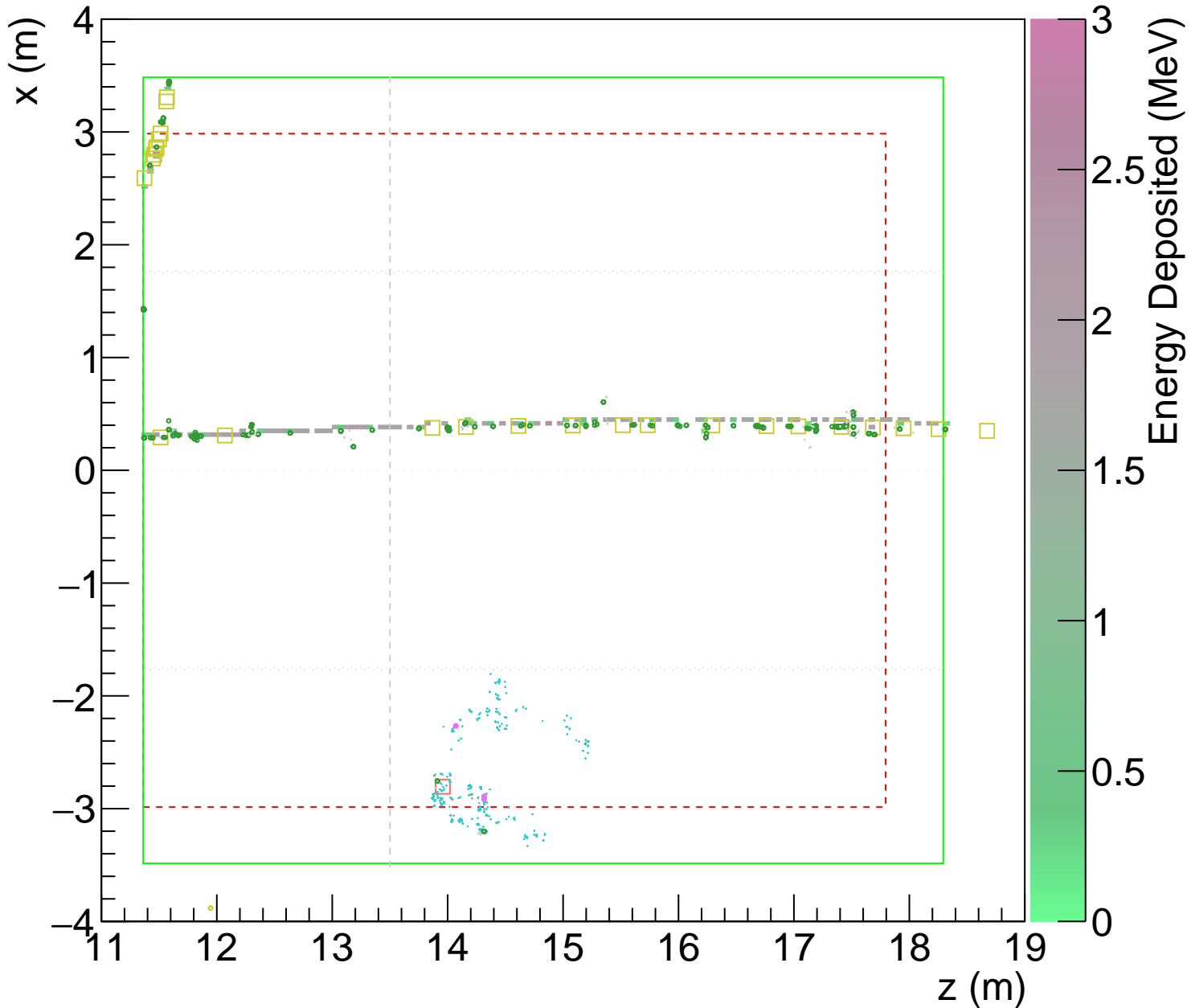
nLines: 1, nClusters: 0



Event 10, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=14.24$  GeV,  $E_{\mu}^{\text{true}}=10.27$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

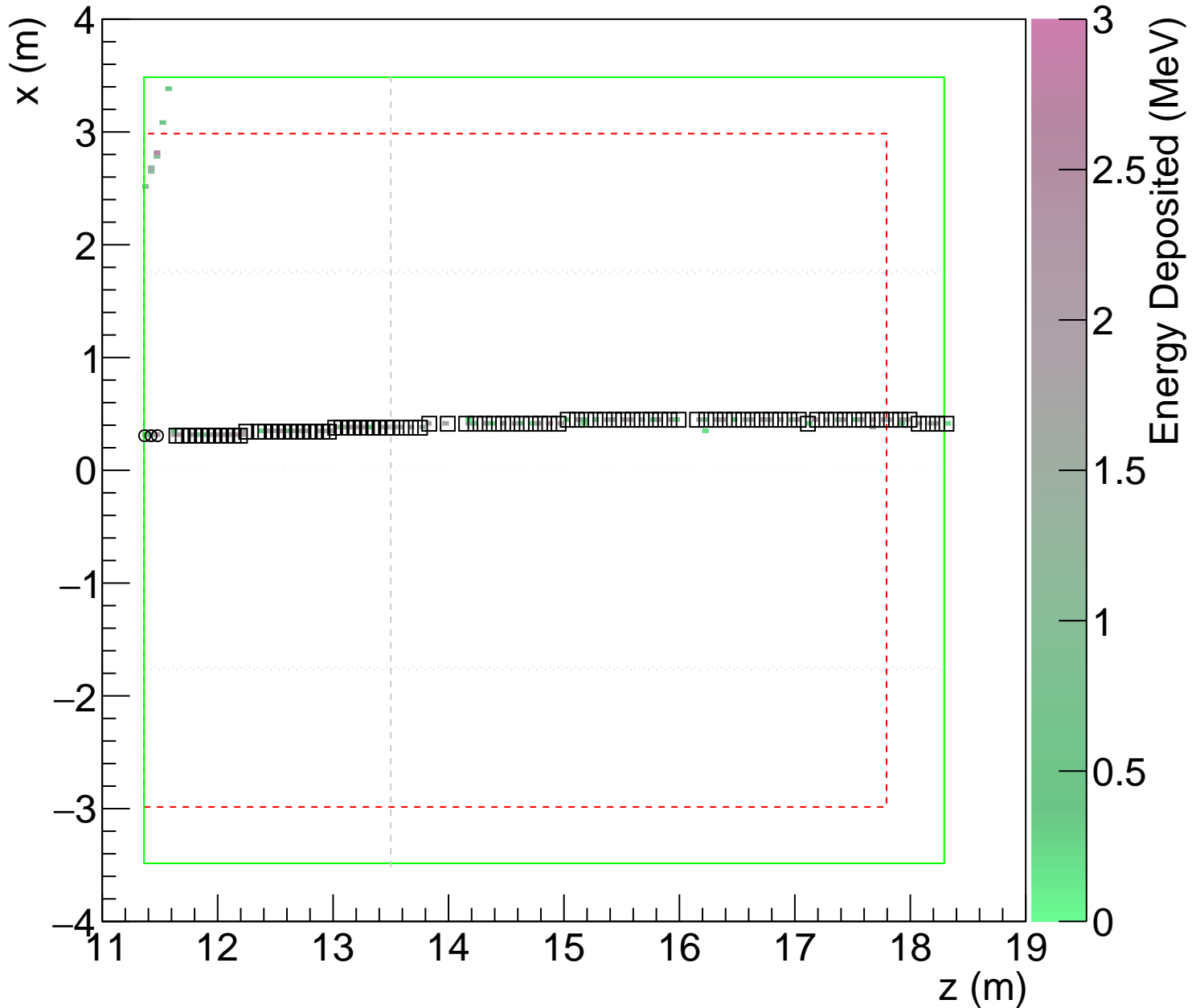


Event 10, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=14.24$  GeV,  $E_{\mu}^{\text{true}}=10.27$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

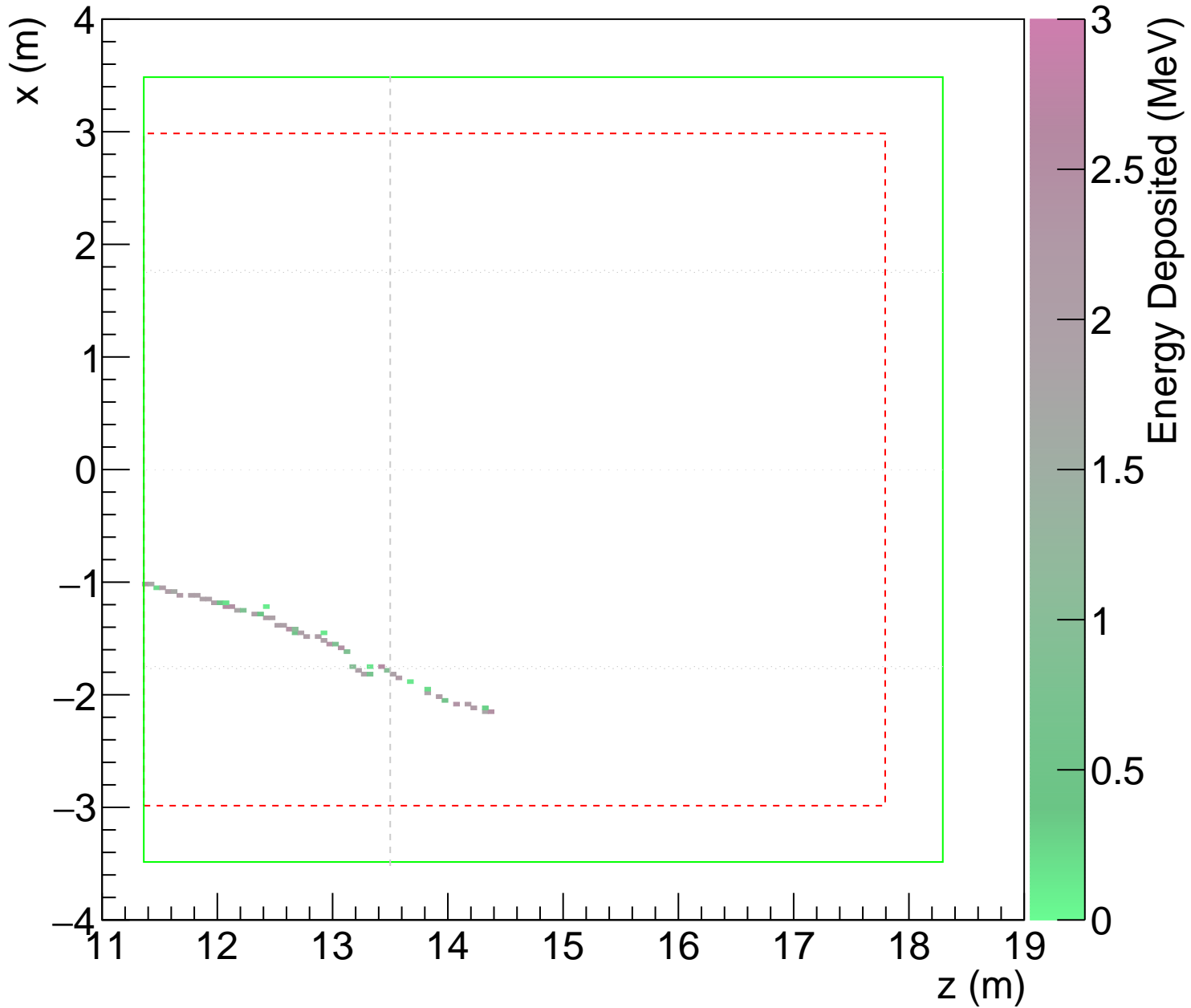


# Event 10 reconstructed

nLines: 1, nClusters: 1

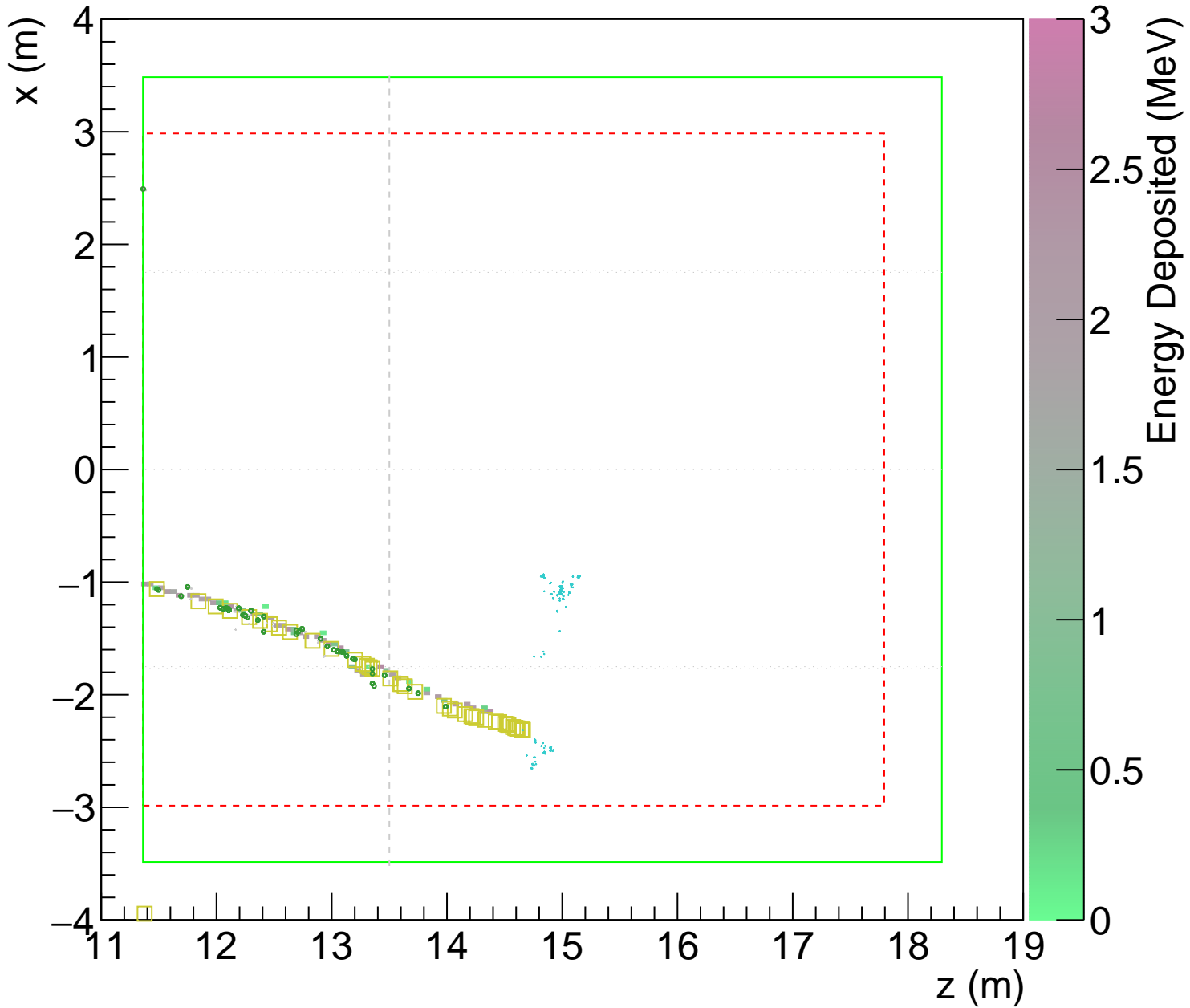


Event 12, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.35$  GeV,  $E_{\mu}^{\text{true}}=2.81$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



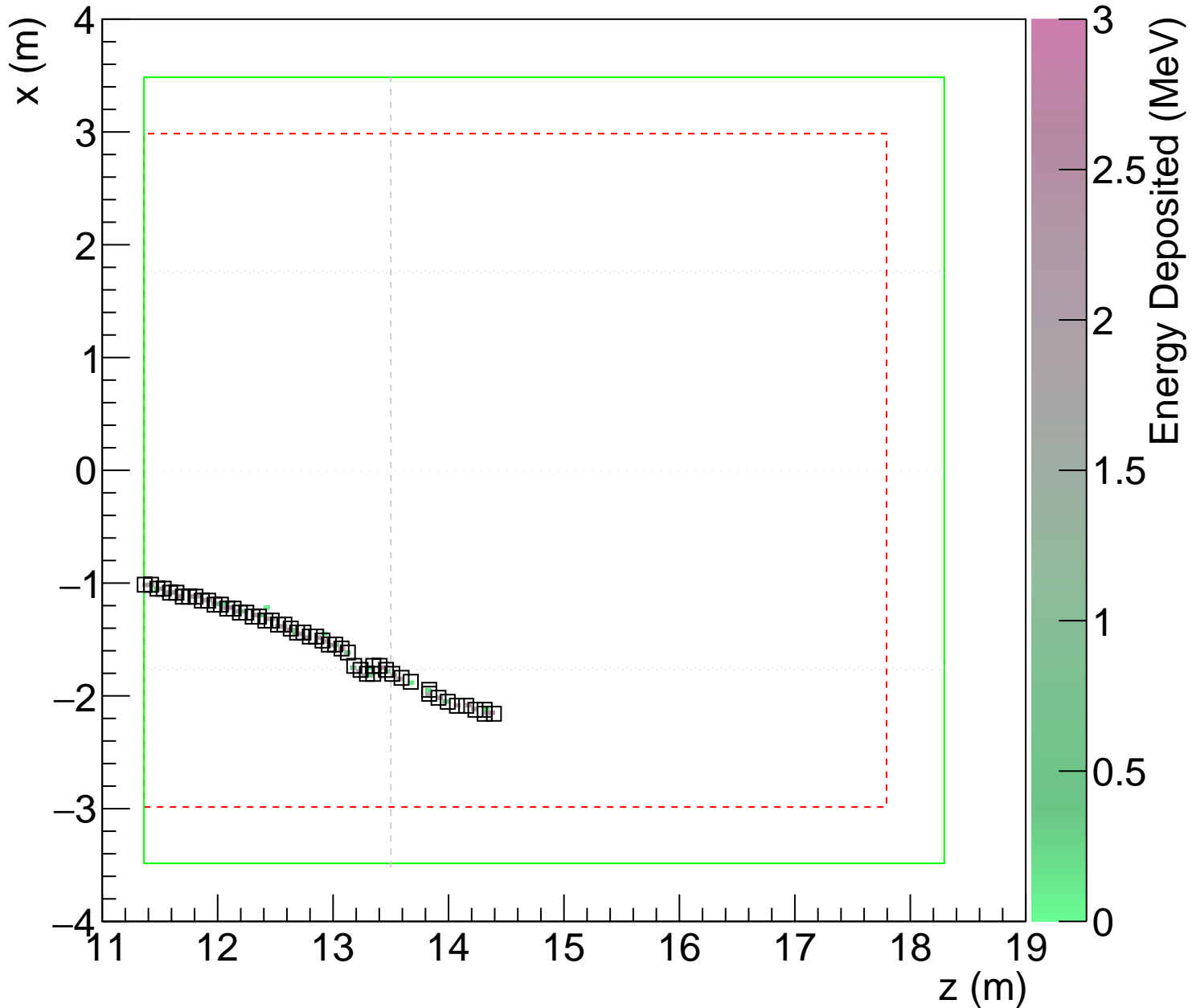


Event 12, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.35$  GeV,  $E_{\mu}^{\text{true}}=2.81$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

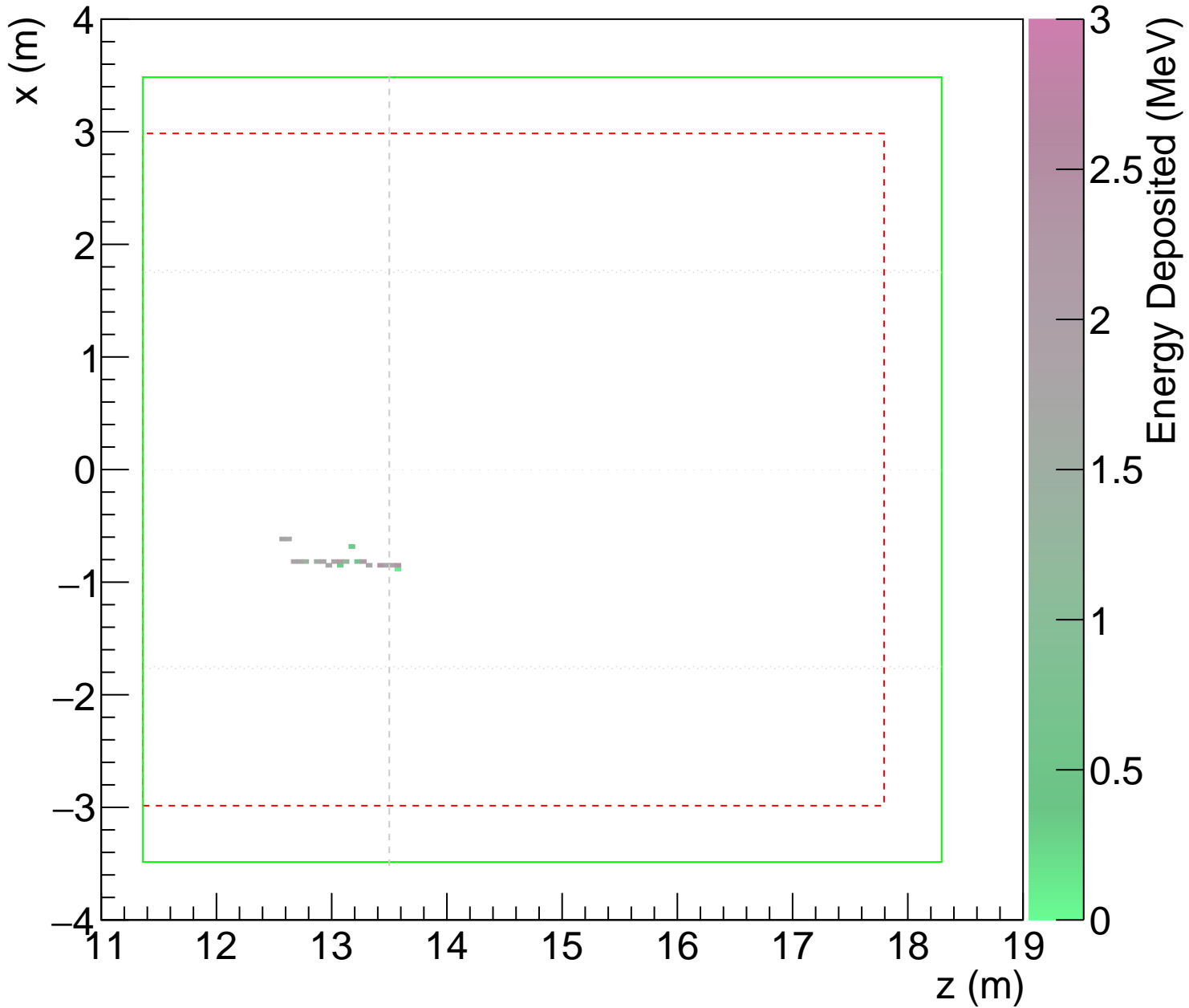


# Event 12 reconstructed

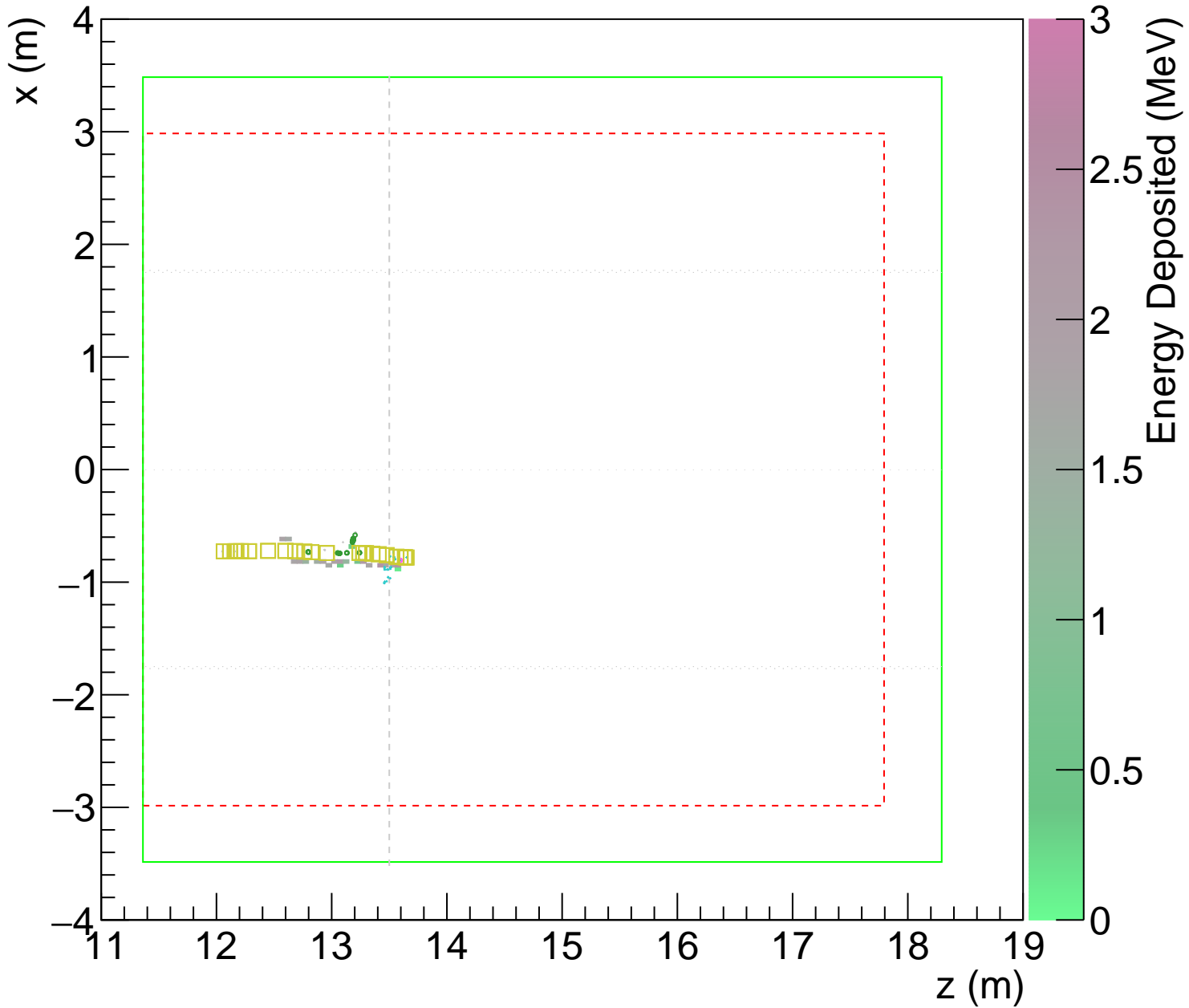
nLines: 1, nClusters: 0



Event 13, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.14$  GeV,  $E_{\mu}^{\text{true}}=1.04$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

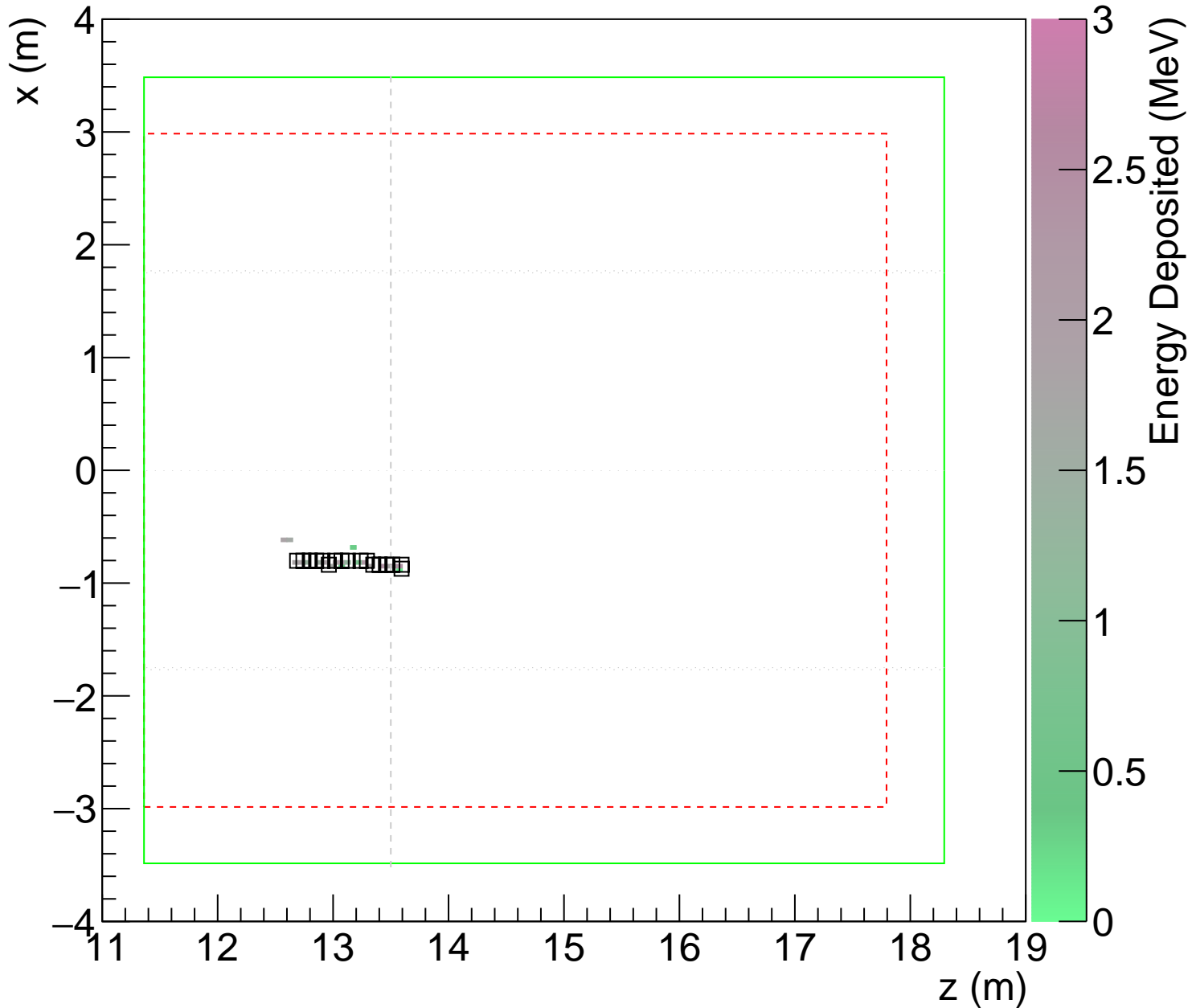


Event 13, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.14$  GeV,  $E_{\mu}^{\text{true}}=1.04$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

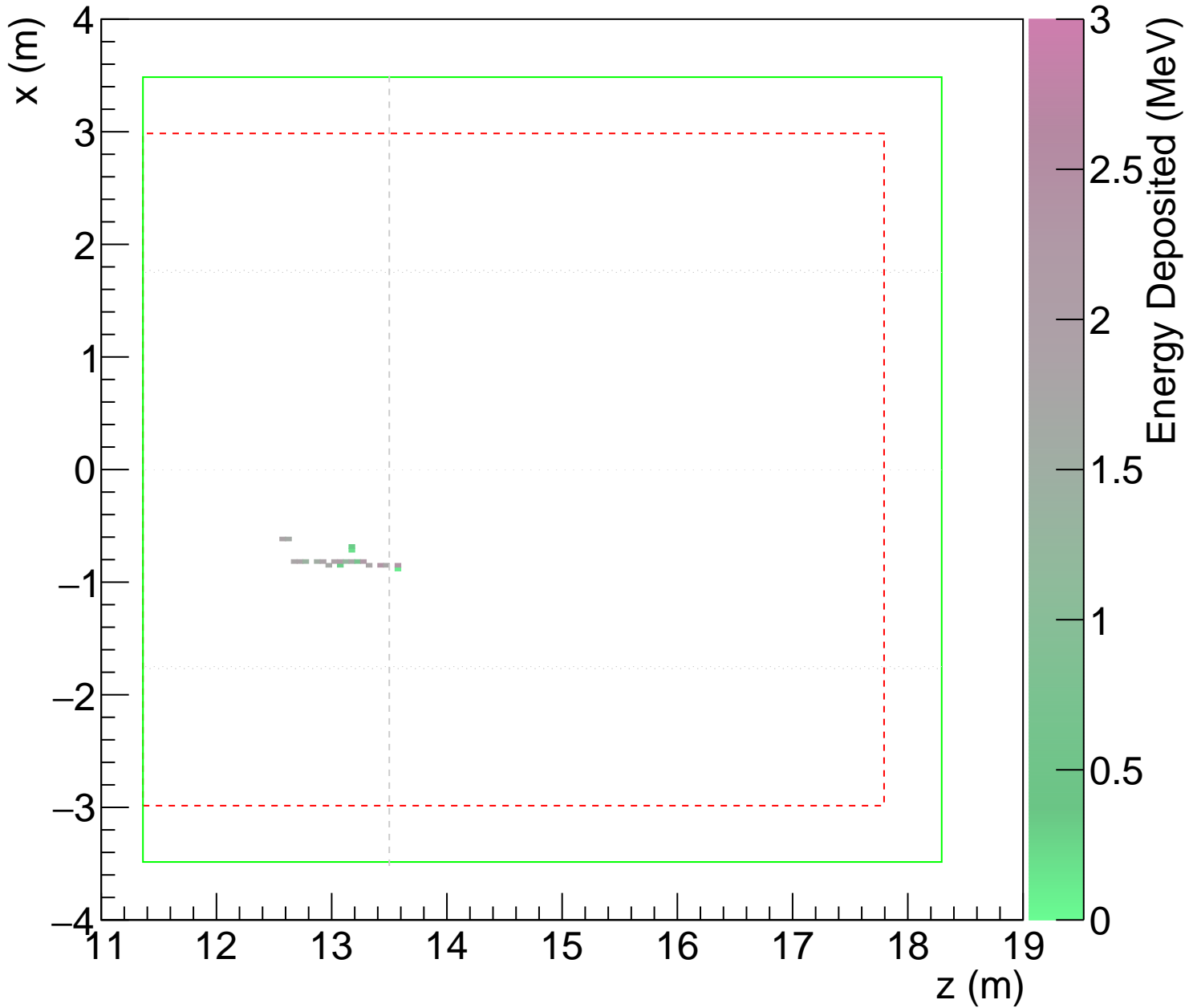


# Event 13 reconstructed

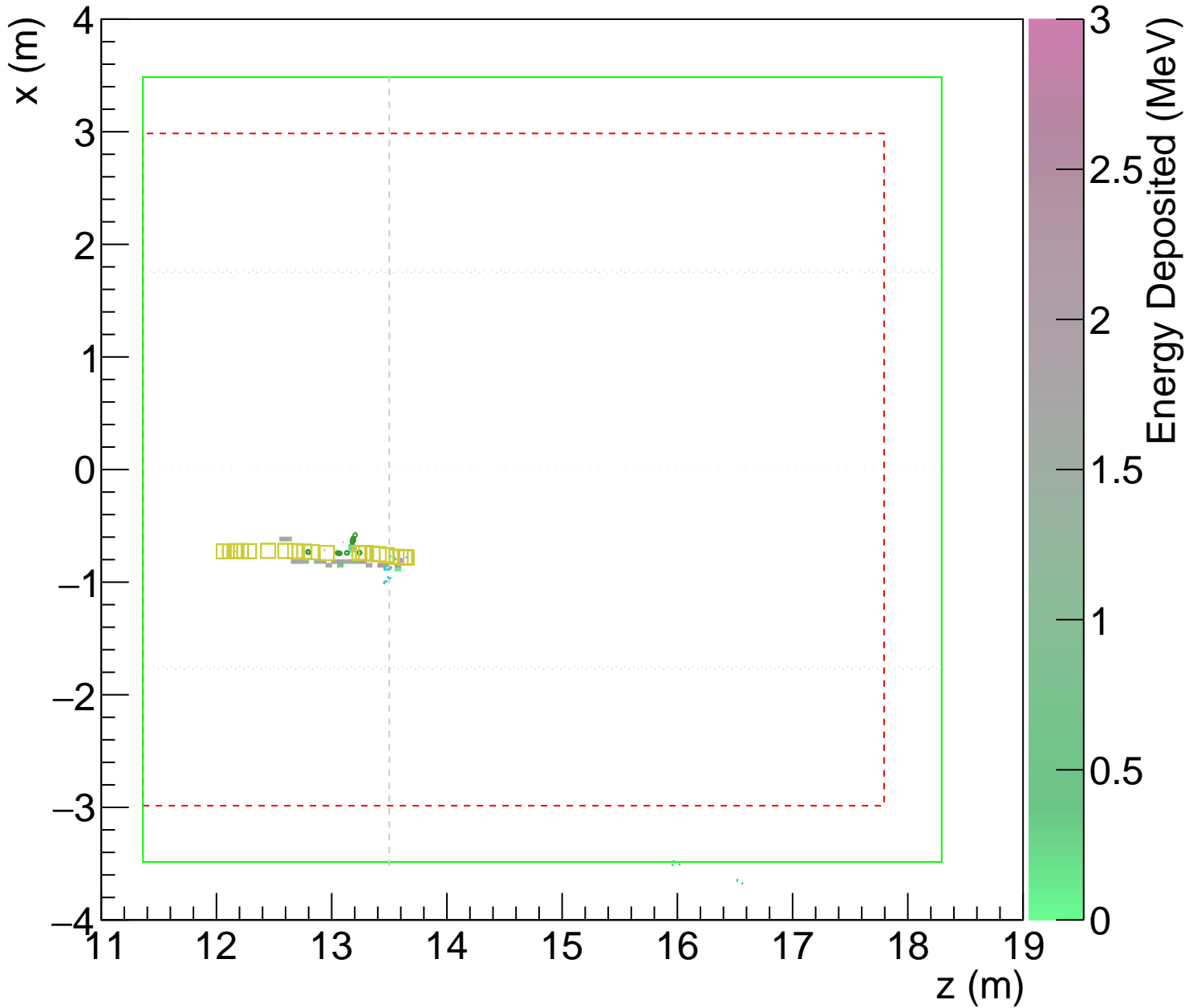
nLines: 1, nClusters: 0



Event 14, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.03$  GeV,  $E_{\mu}^{\text{true}}=1.30$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

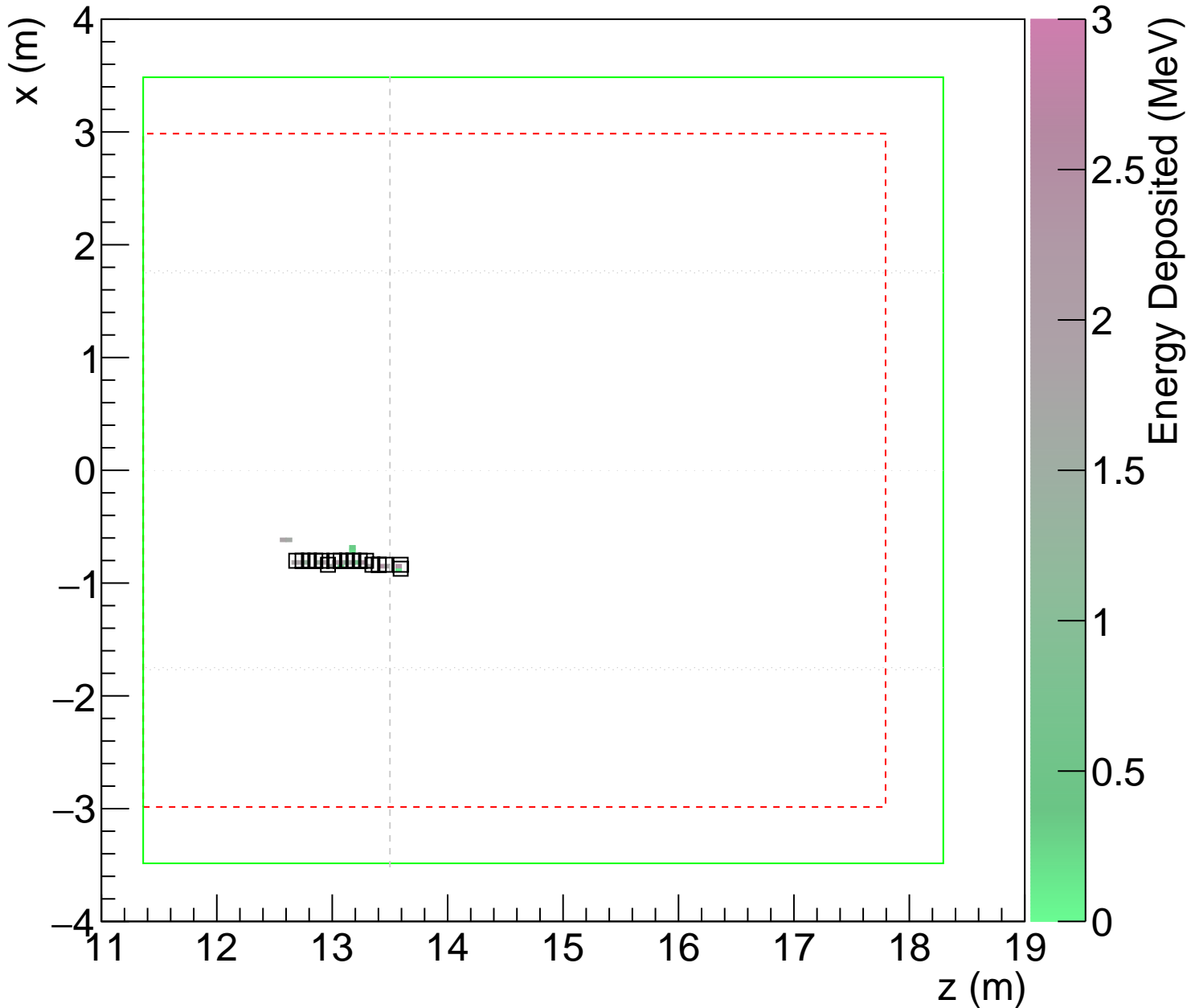


Event 14, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.03$  GeV,  $E_{\mu}^{\text{true}}=1.30$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



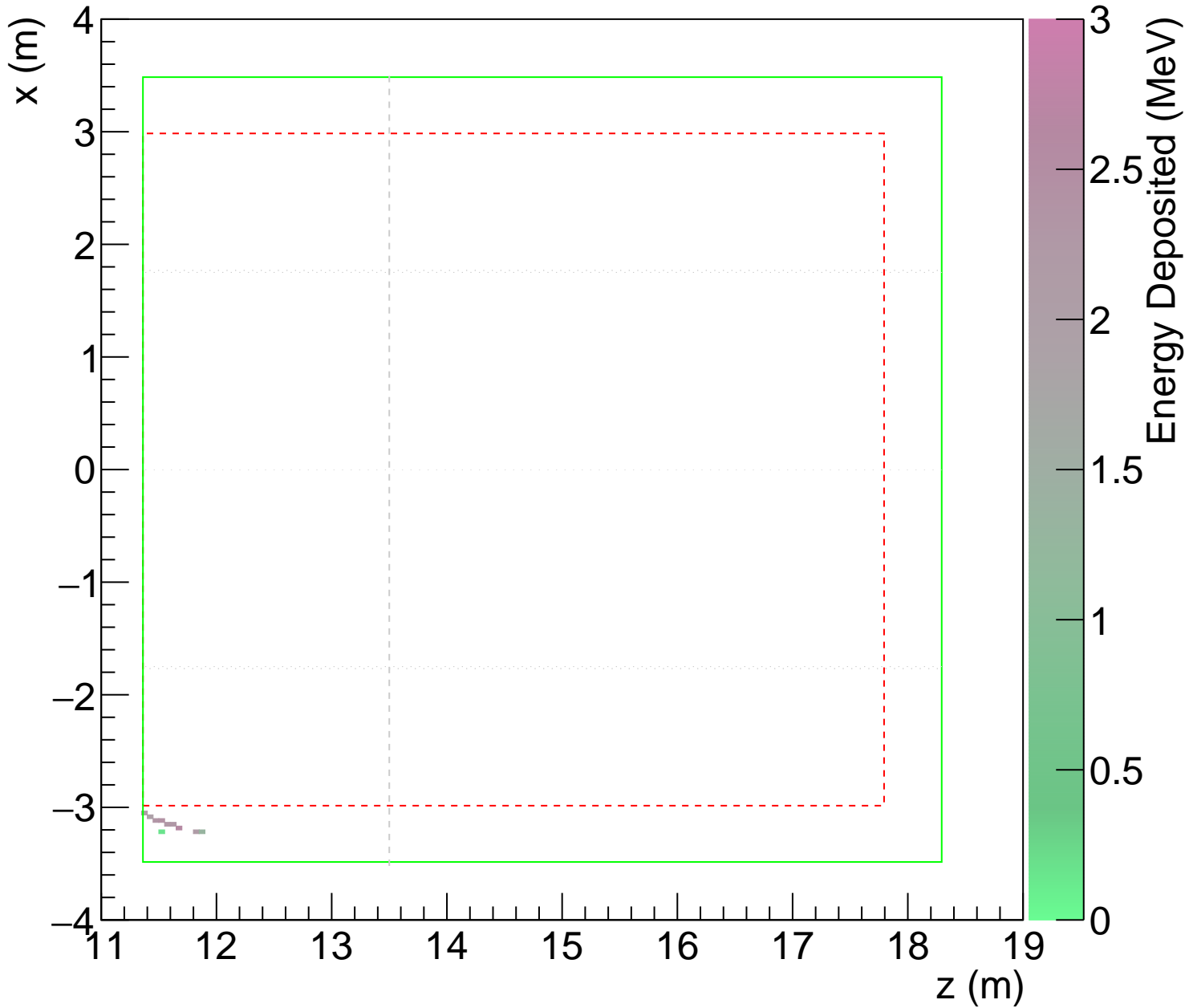
# Event 14 reconstructed

nLines: 1, nClusters: 0

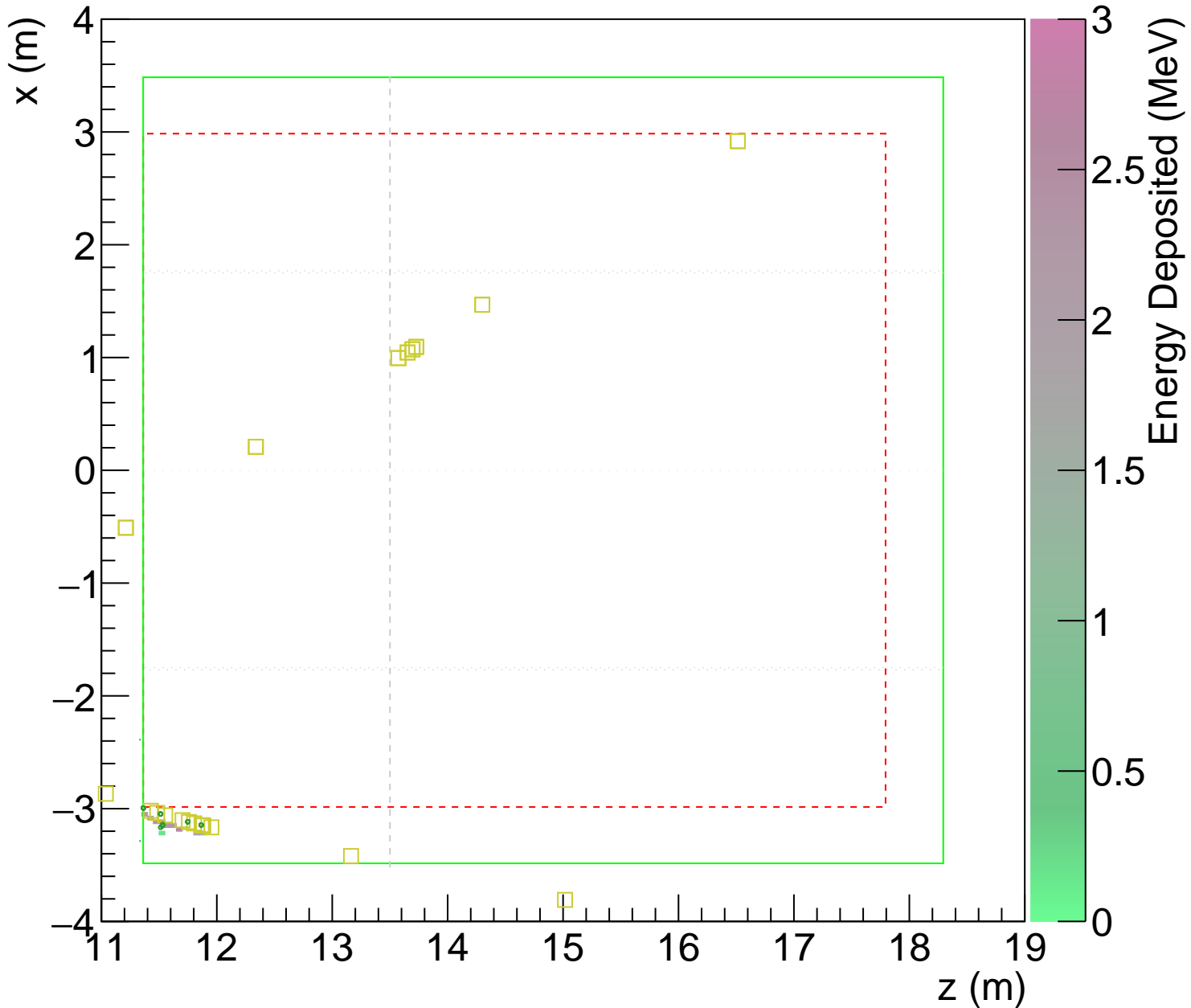




Event 16, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.11$  GeV,  $E_{\mu}^{\text{true}}=1.12$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

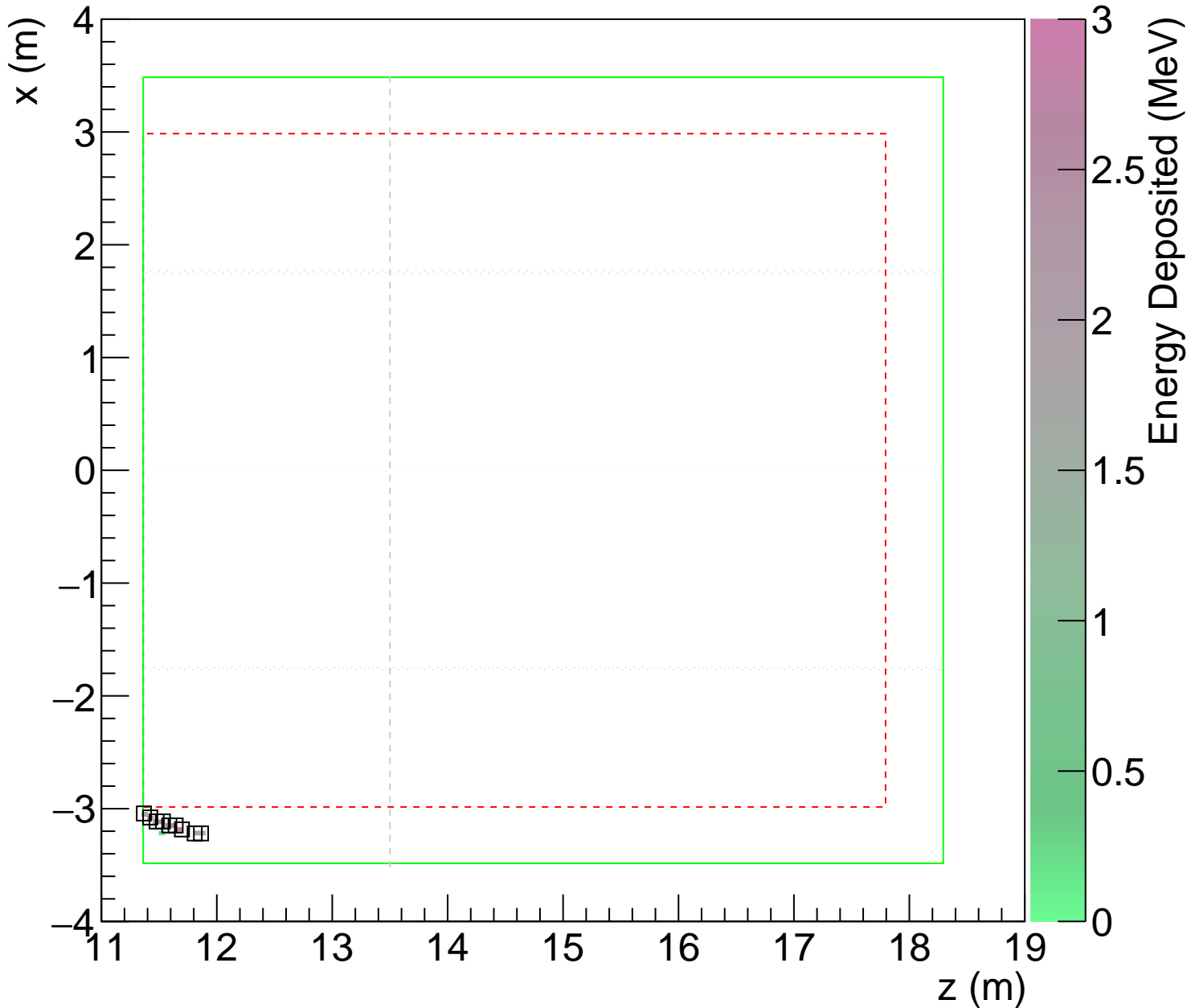


Event 16, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.11$  GeV,  $E_{\mu}^{\text{true}}=1.12$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

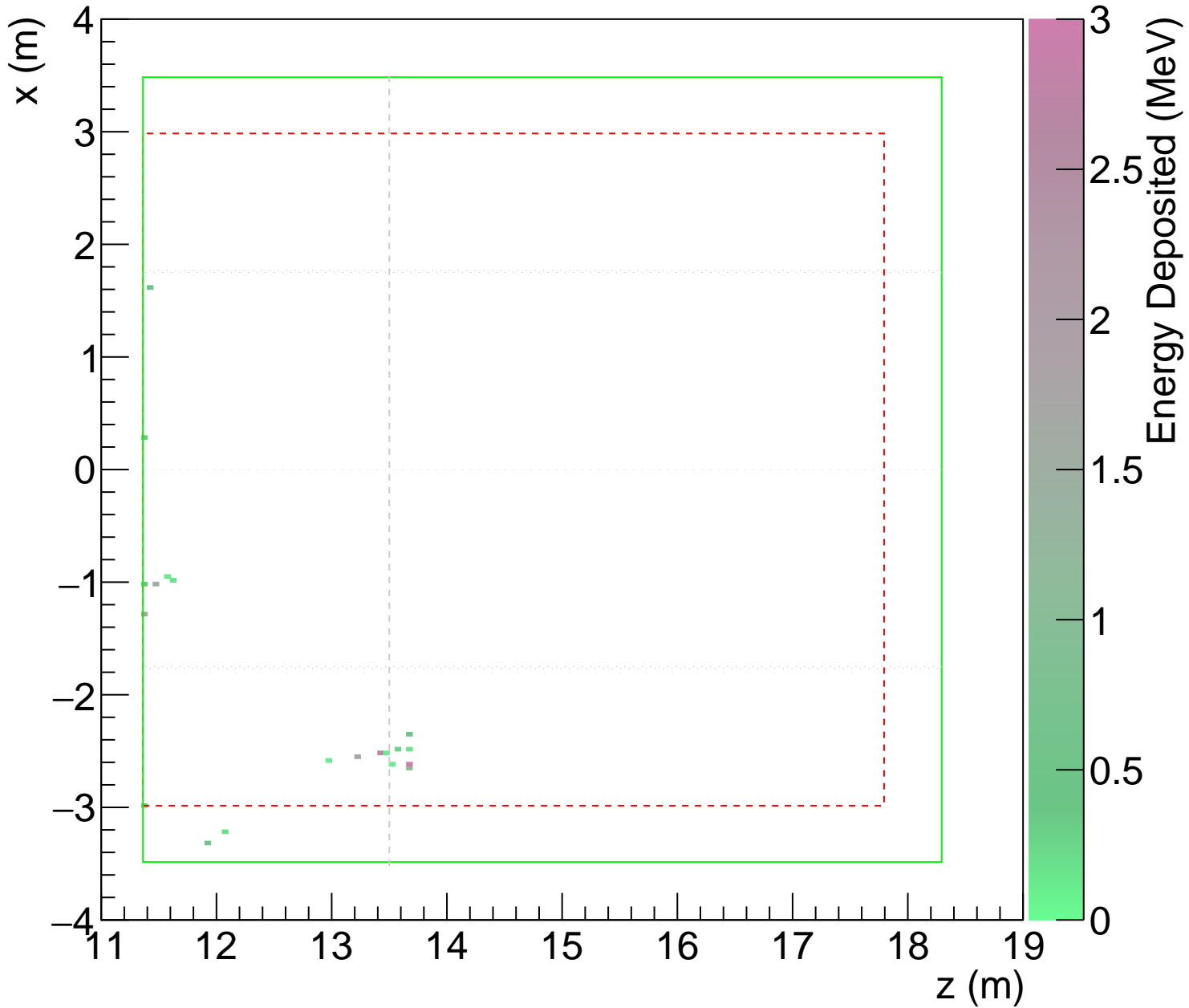


# Event 16 reconstructed

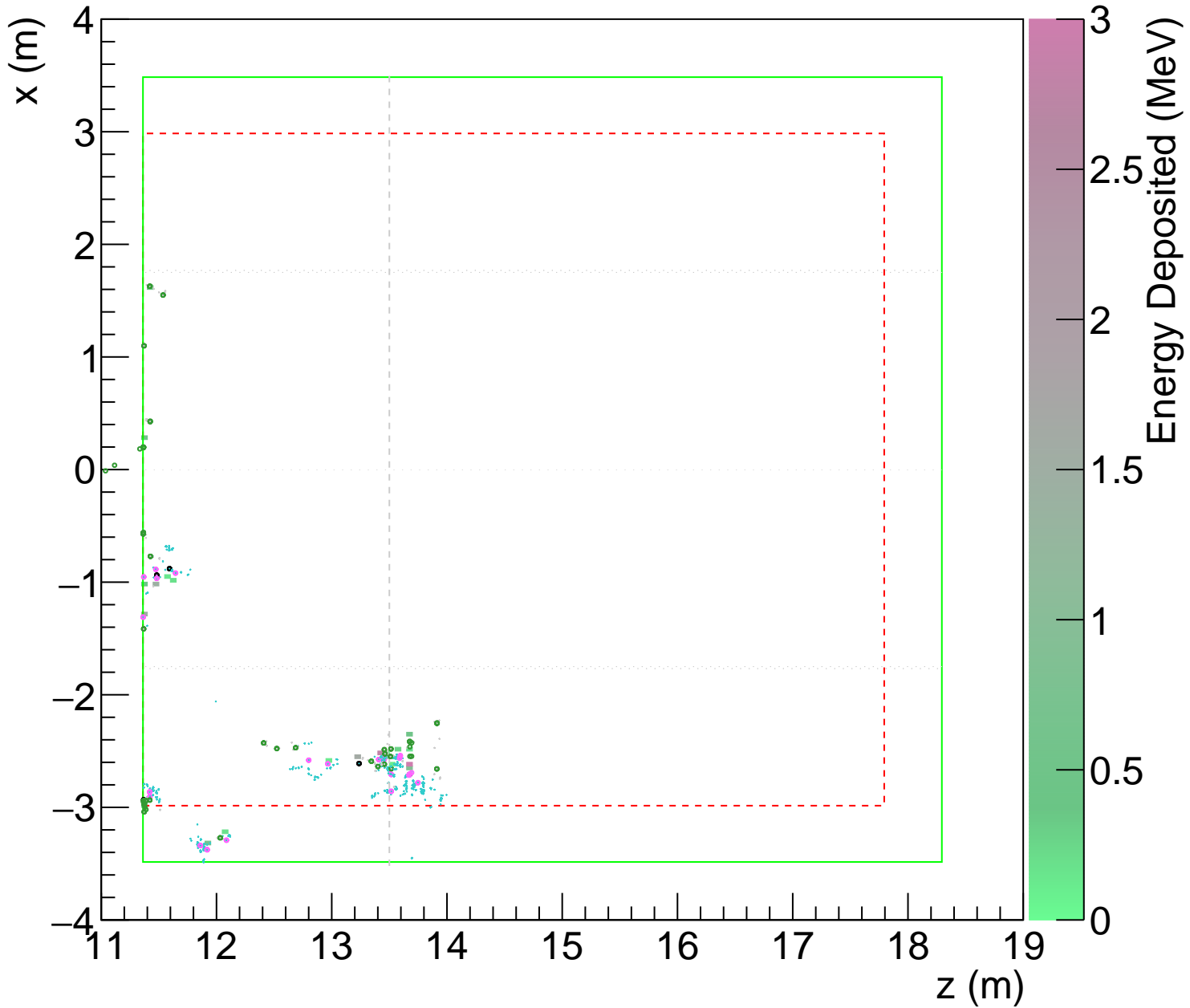
nLines: 1, nClusters: 0



Event 17, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.60$  GeV,  $E_{\mu}^{\text{true}}=0.19$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

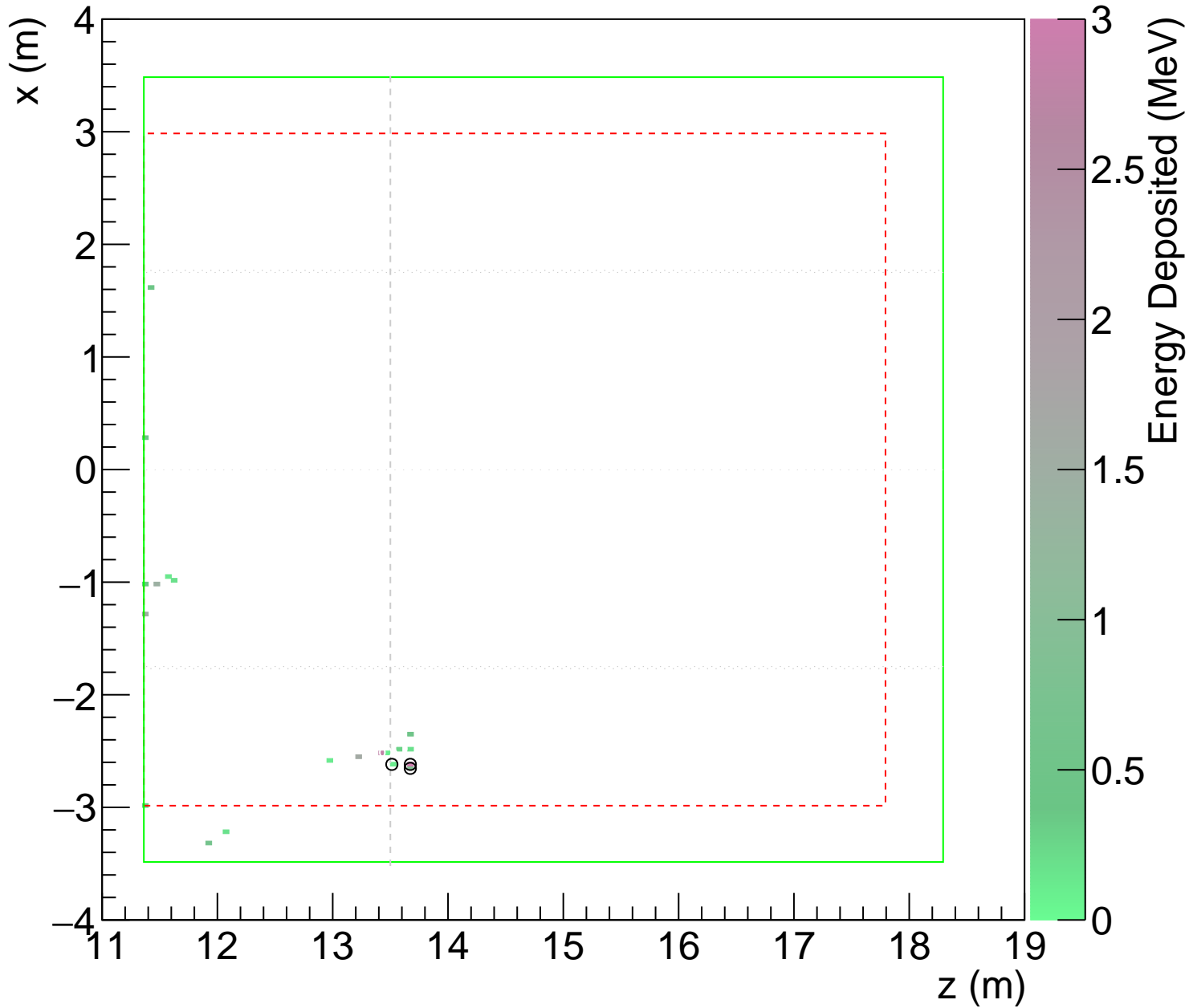


Event 17, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.60$  GeV,  $E_{\mu}^{\text{true}}=0.19$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

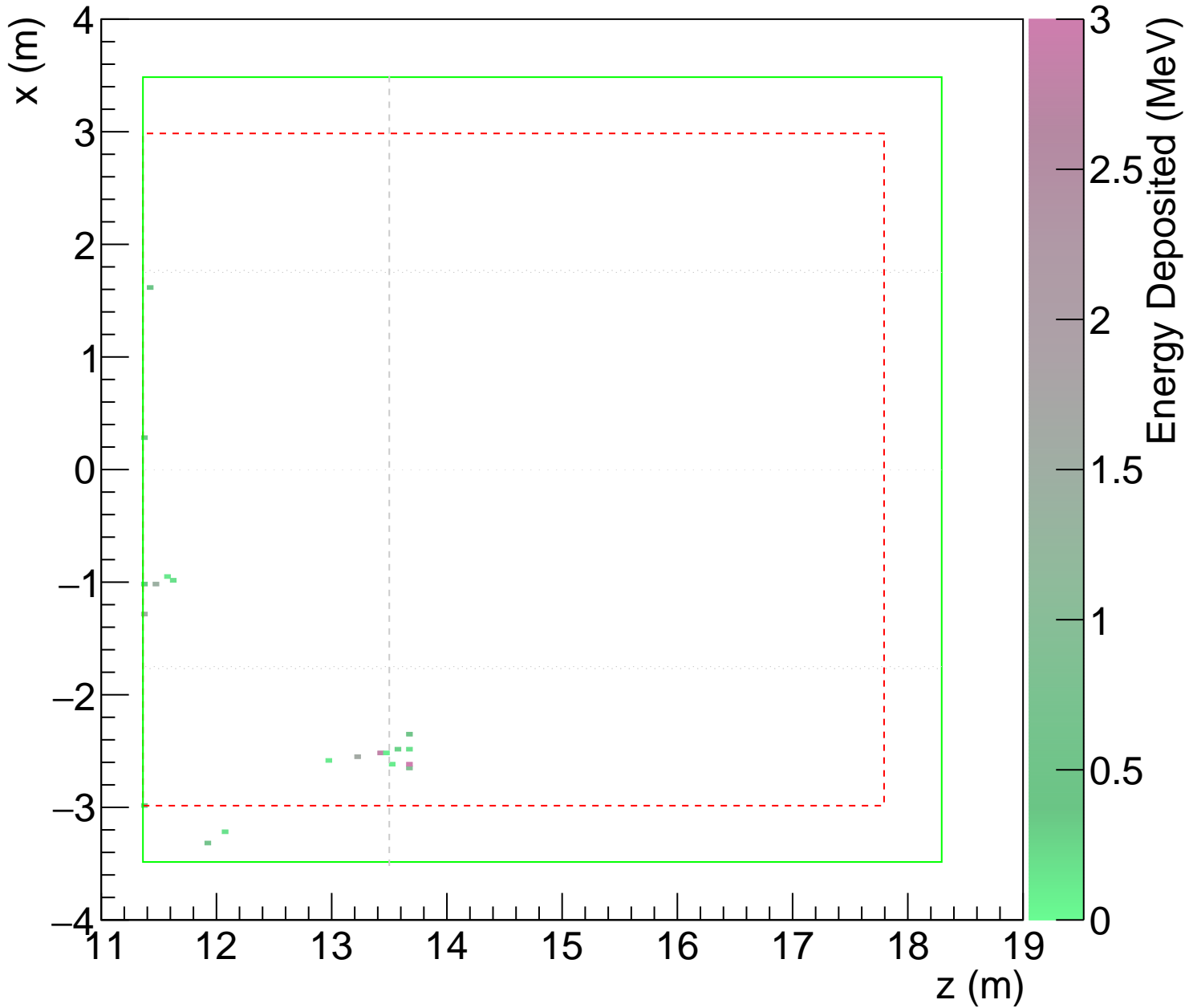


# Event 17 reconstructed

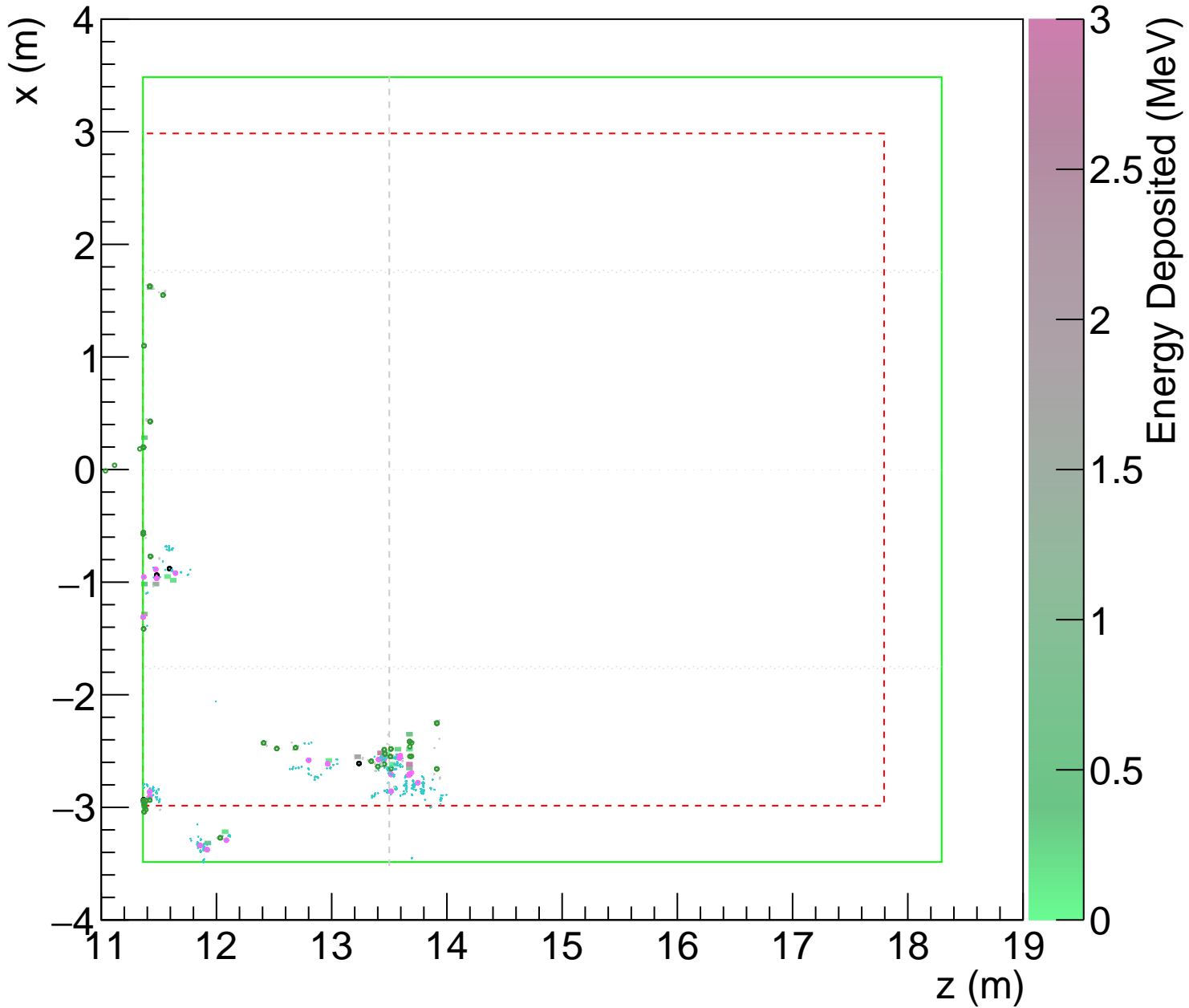
nLines: 0, nClusters: 2



Event 18, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.86$  GeV,  $E_{\mu}^{\text{true}}=2.09$  GeV  
nu:14,tgt:1000060120,N:2212,proc:Weak[CC],RES,res:0,



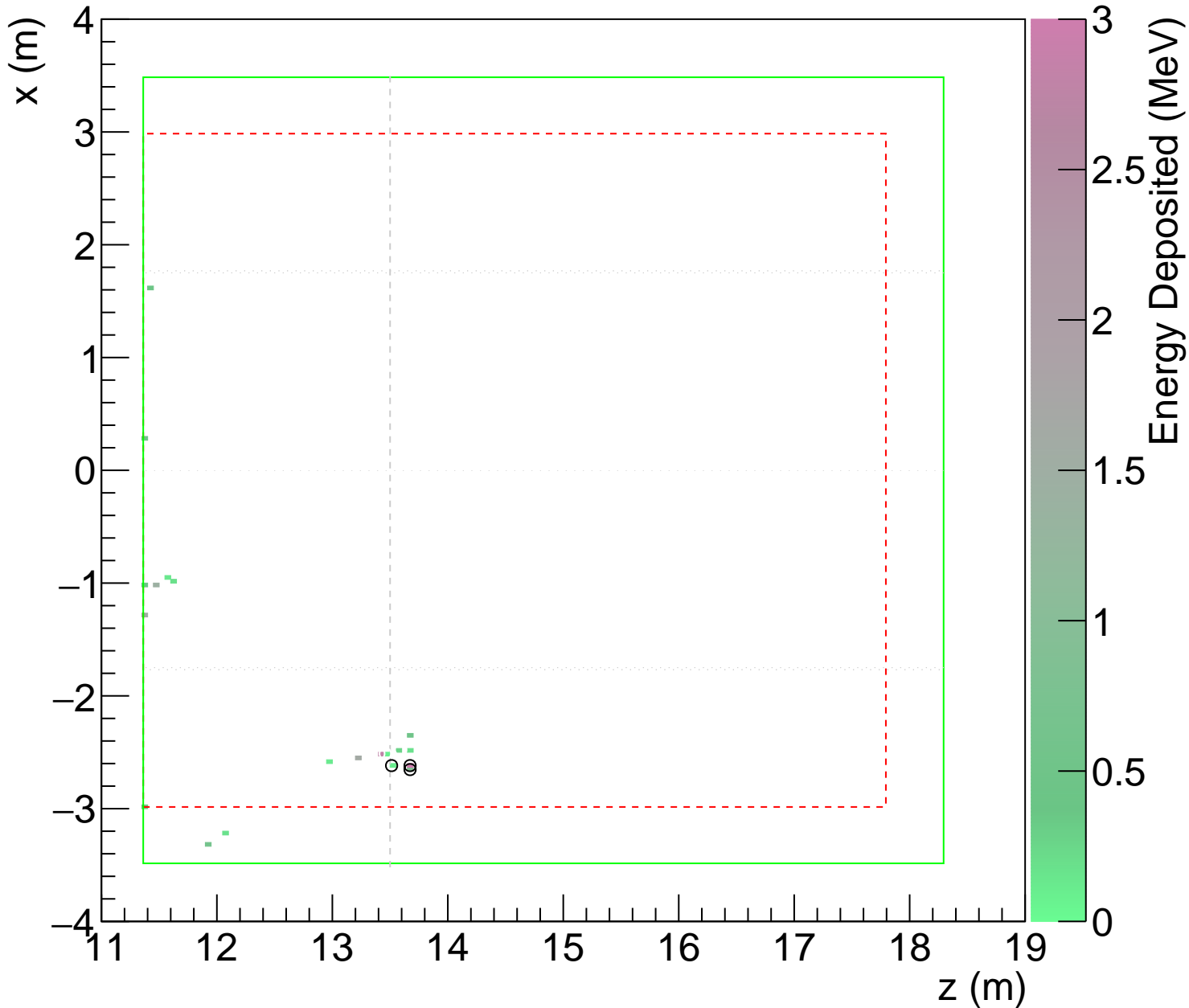
Event 18, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.86$  GeV,  $E_{\mu}^{\text{true}}=2.09$  GeV  
nu:14,tgt:1000060120,N:2212,proc:Weak[CC],RES,res:0,



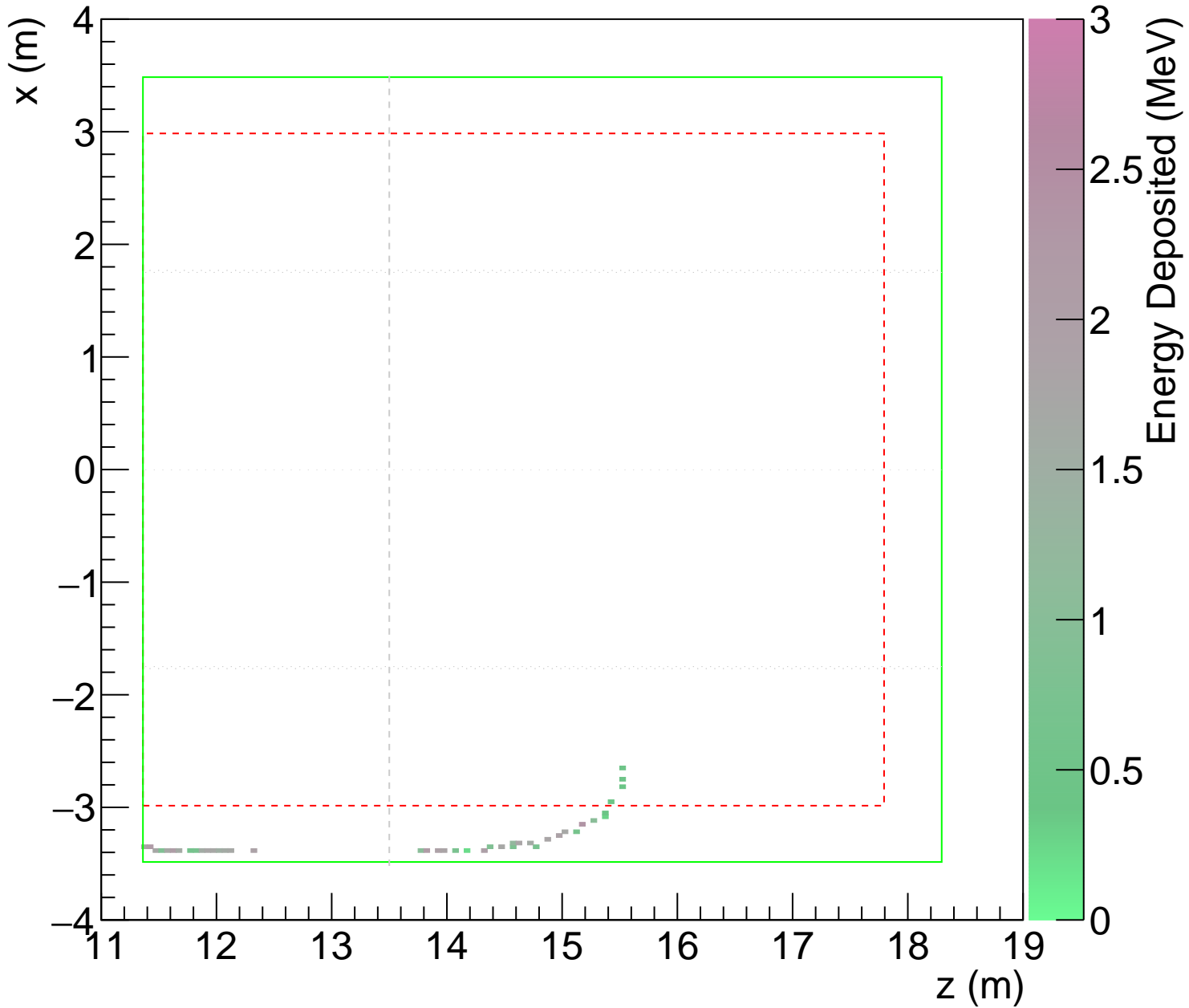


# Event 18 reconstructed

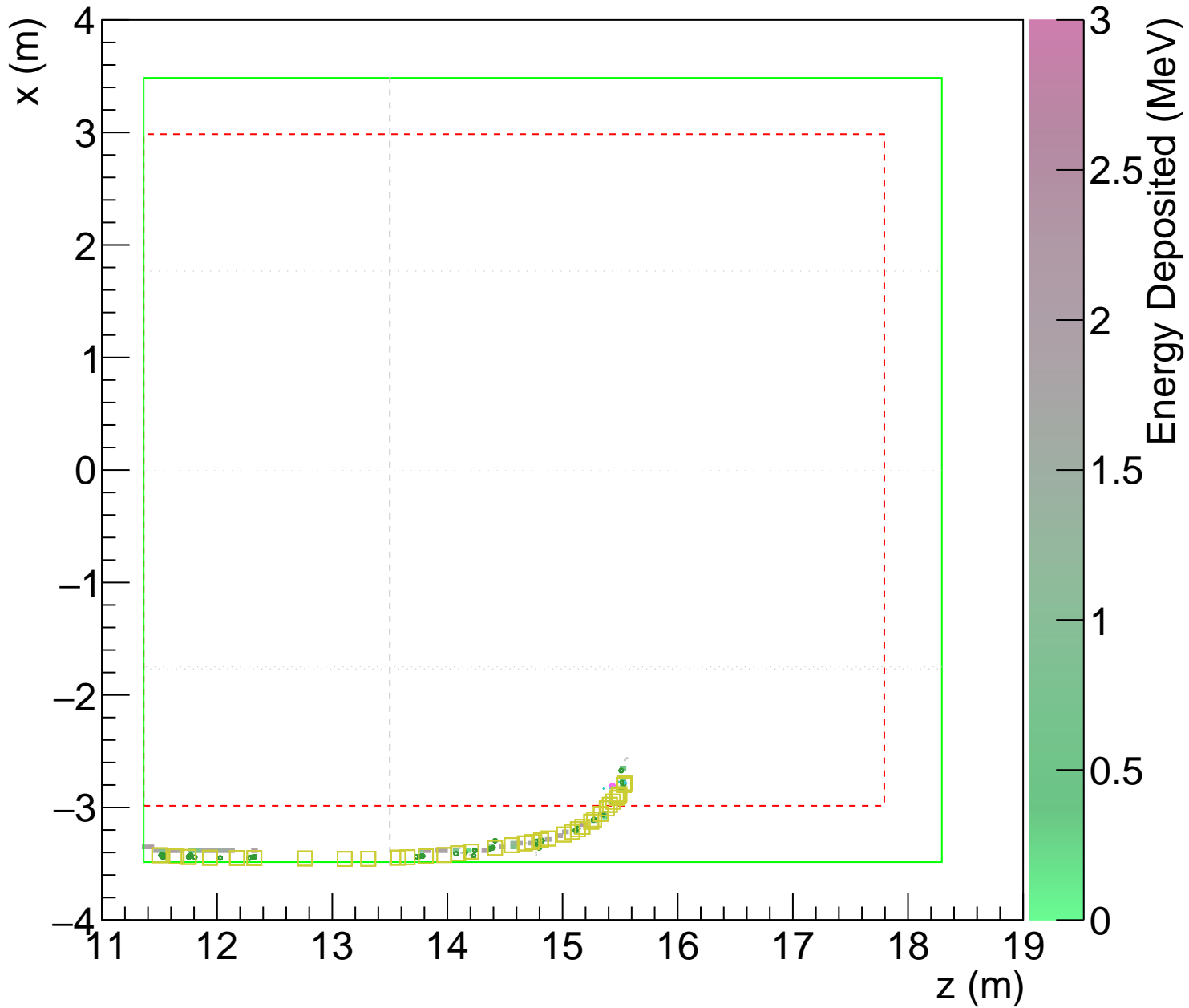
nLines: 0, nClusters: 2



Event 19, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.64$  GeV,  $E_{\mu}^{\text{true}}=3.59$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

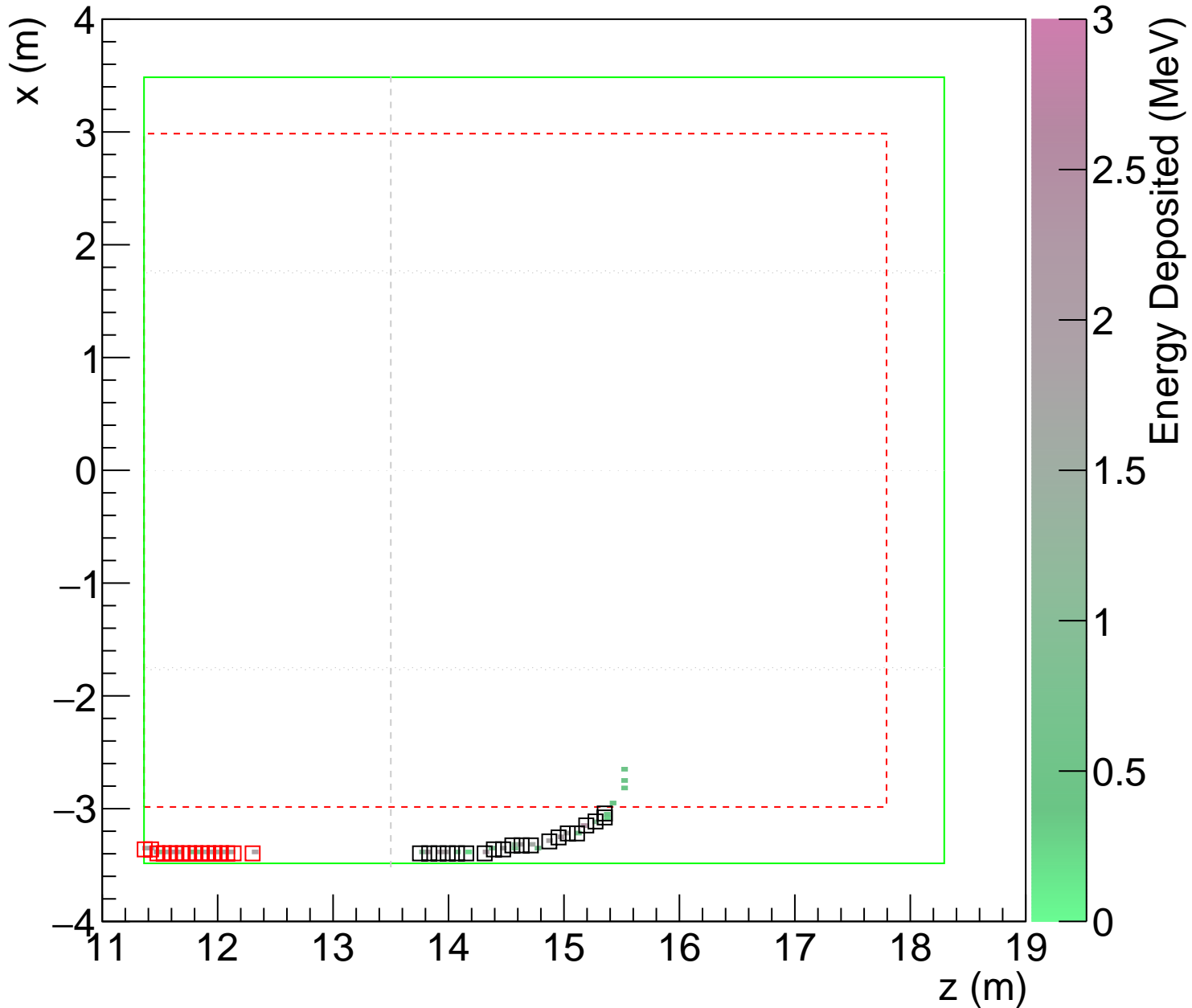


Event 19, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.64$  GeV,  $E_{\mu}^{\text{true}}=3.59$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

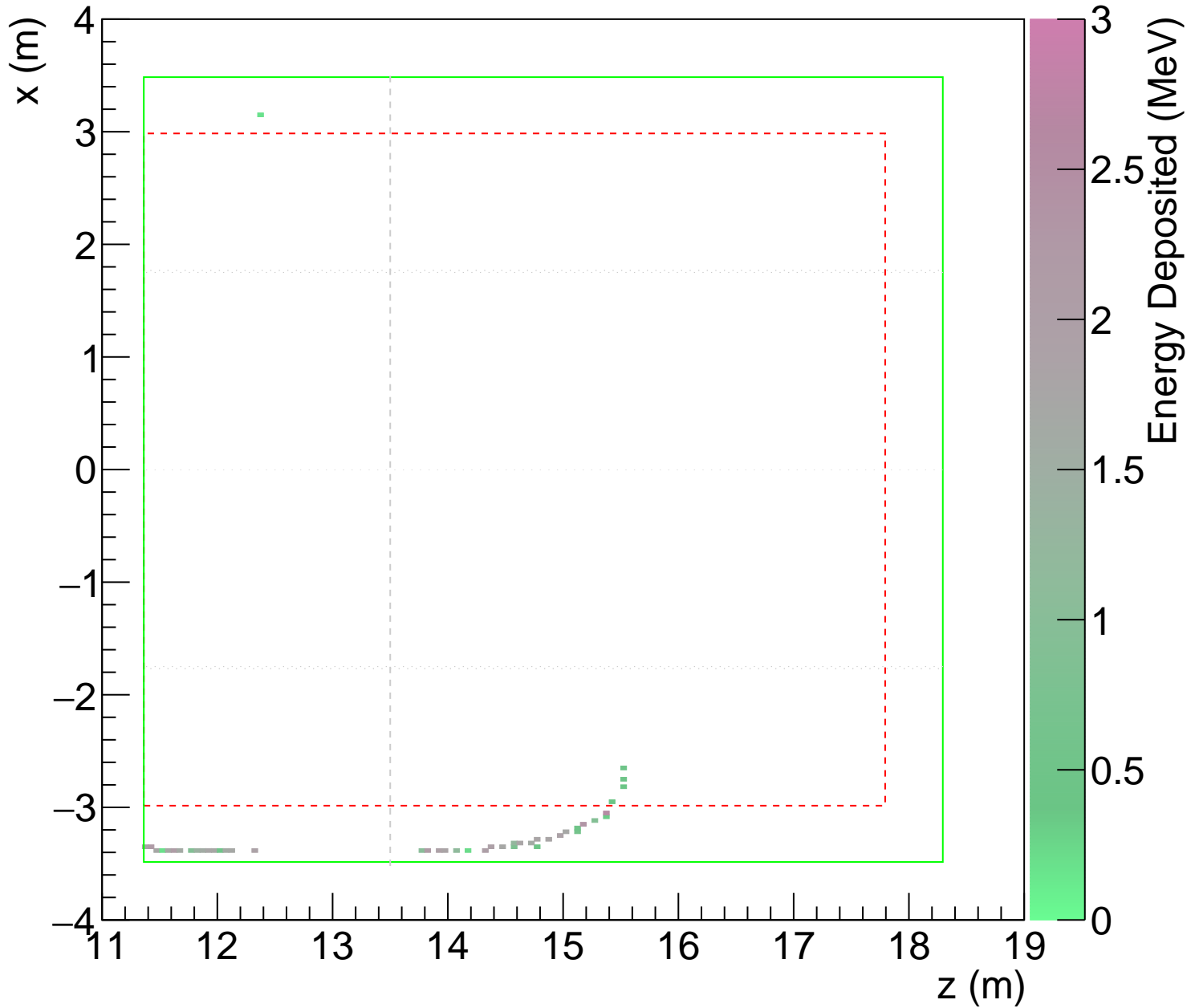


# Event 19 reconstructed

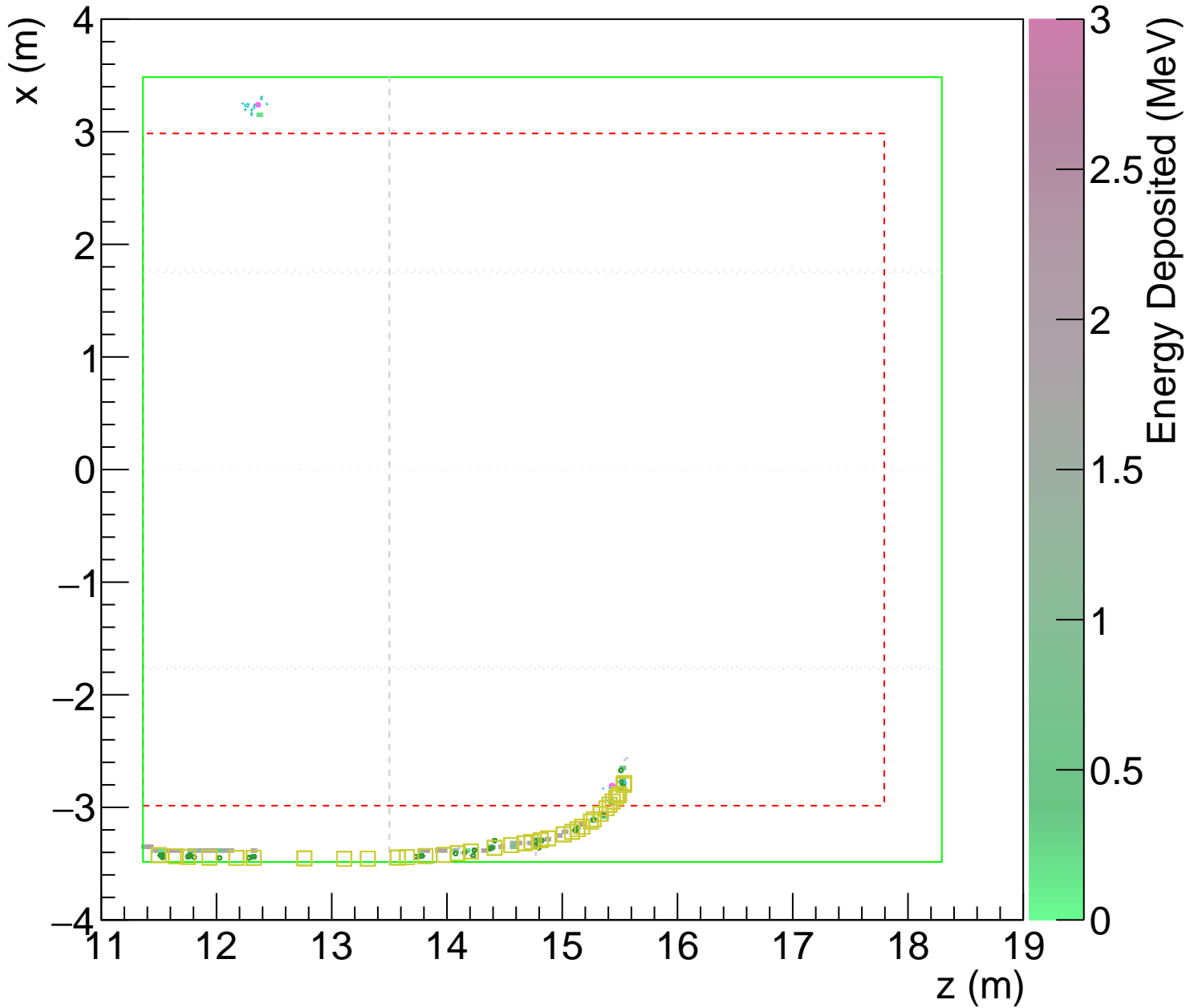
nLines: 2, nClusters: 0



Event 20, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=23.56$  GeV,  $E_{\mu}^{\text{true}}=3.59$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

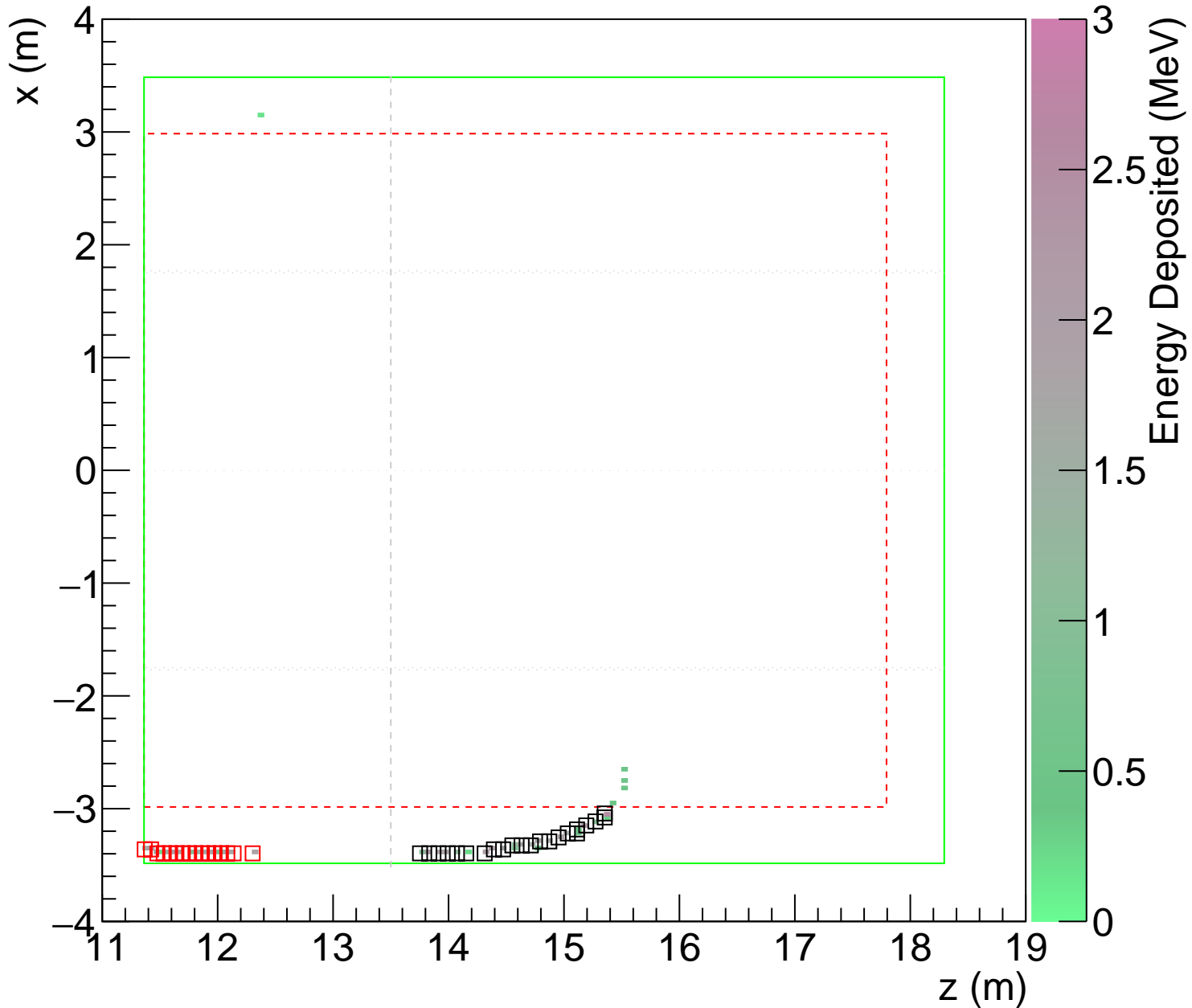


Event 20, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=23.56$  GeV,  $E_{\mu}^{\text{true}}=3.59$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

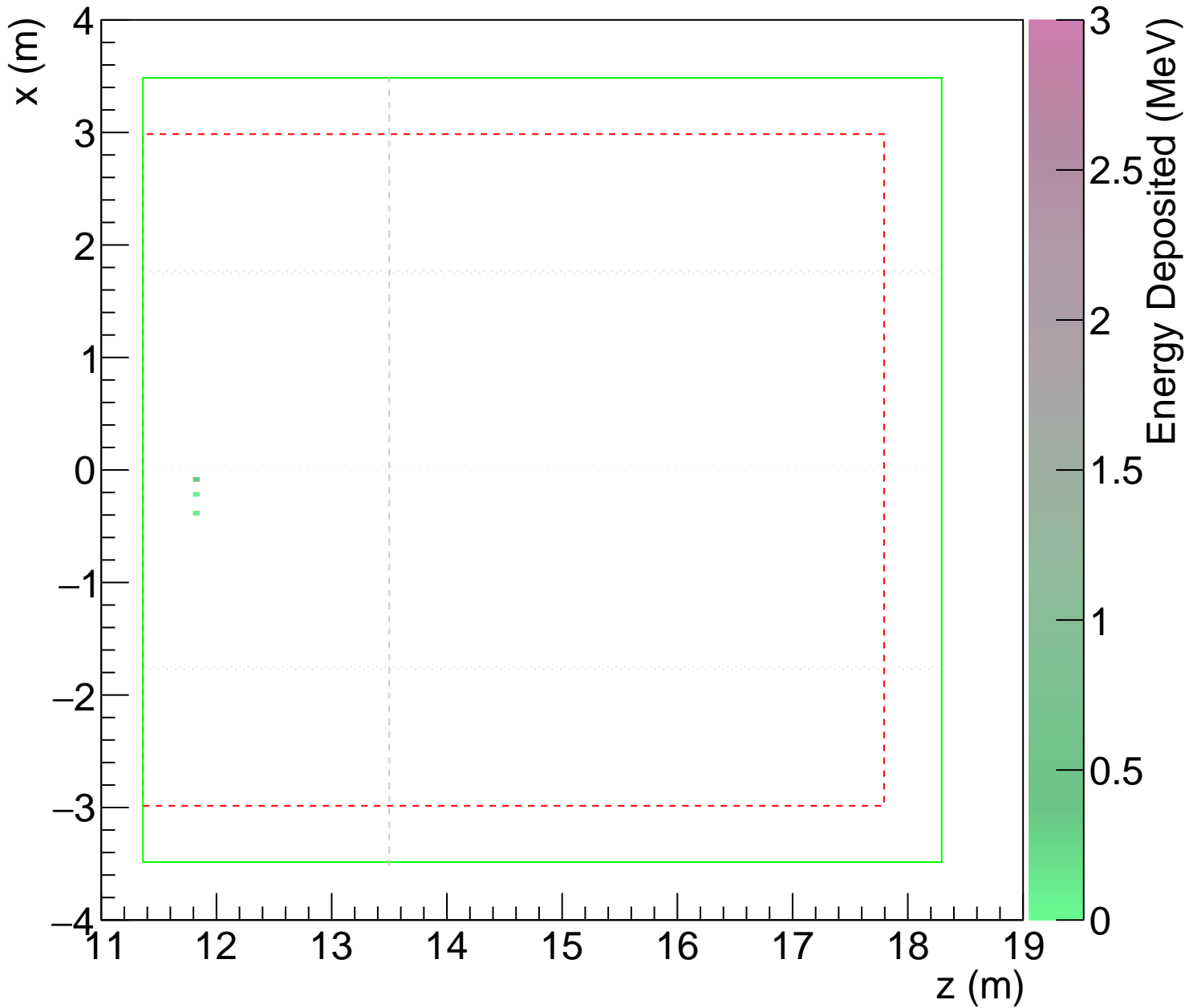


# Event 20 reconstructed

nLines: 2, nClusters: 0

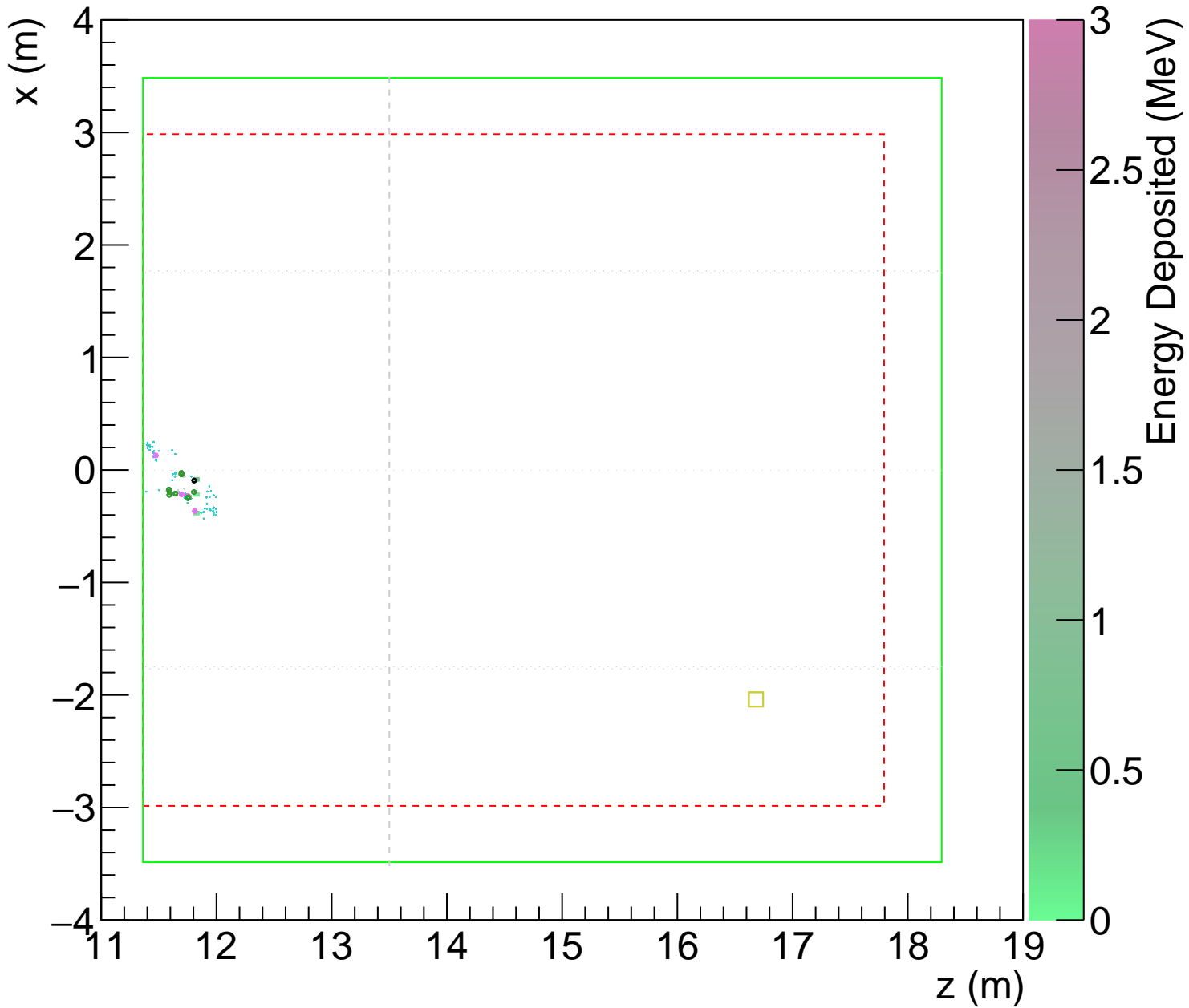


Event 21, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=7.72$  GeV,  $E_{\mu}^{\text{true}}=0.97$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



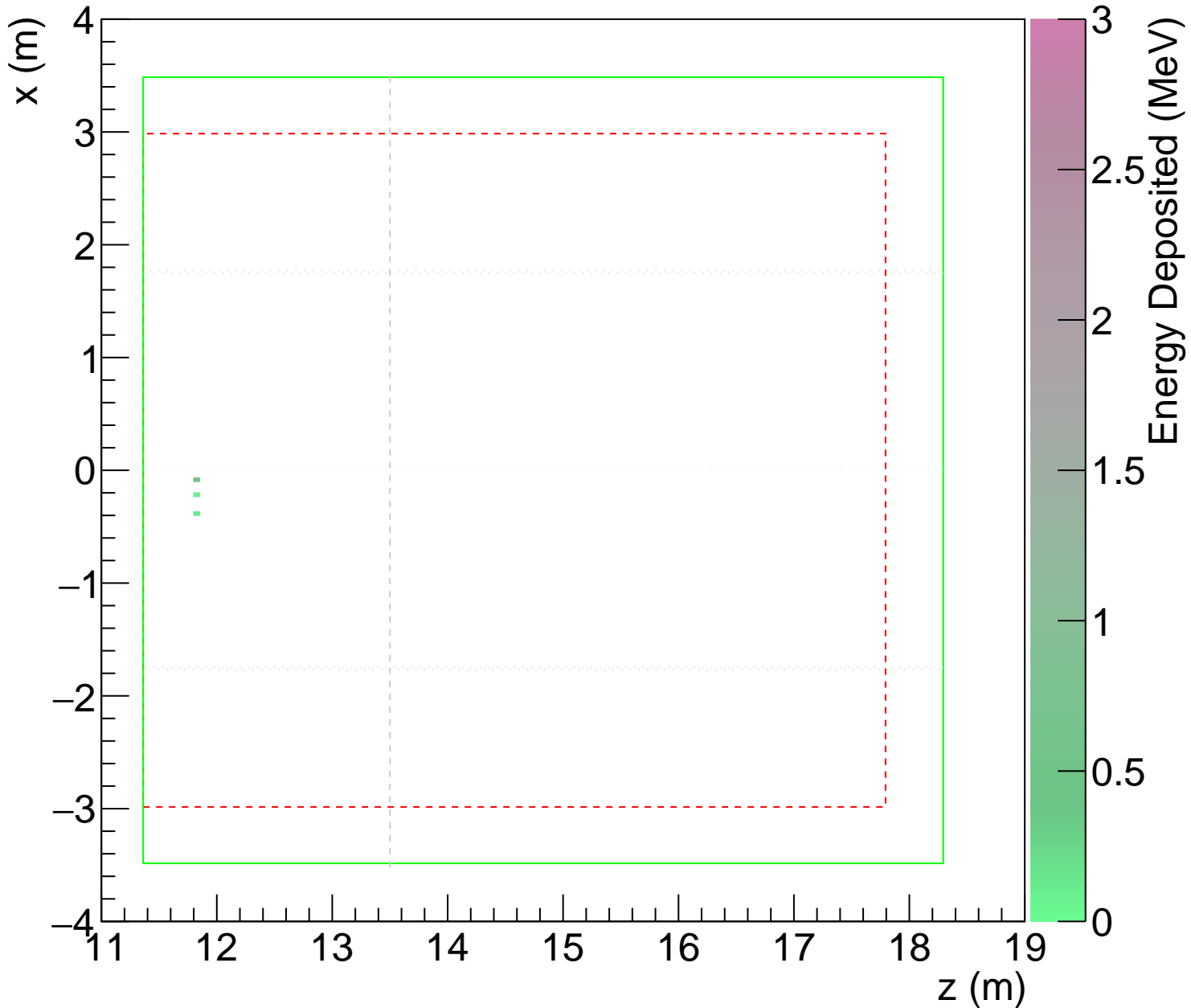


Event 21, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=7.72$  GeV,  $E_{\mu}^{\text{true}}=0.97$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

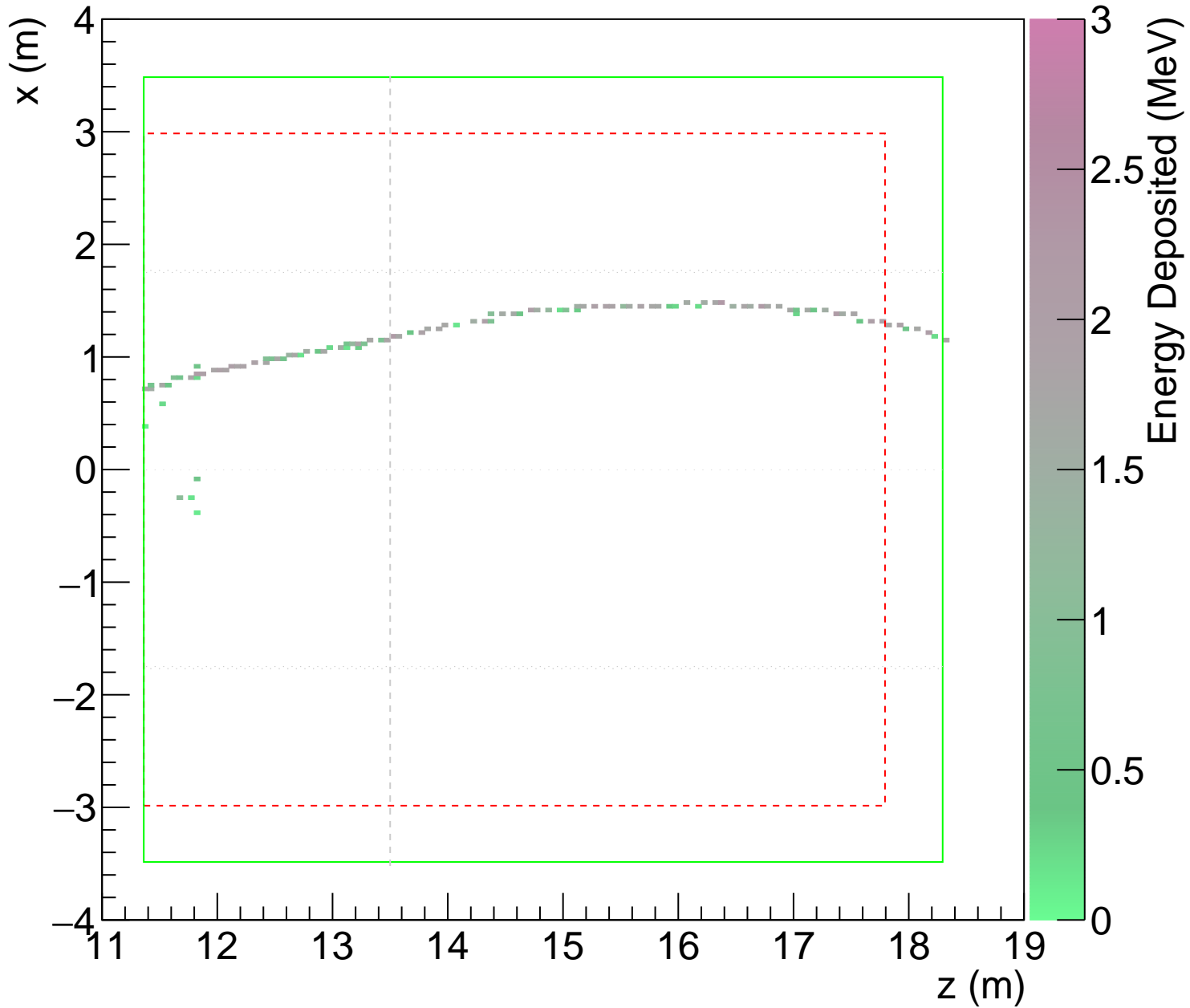


# Event 21 reconstructed

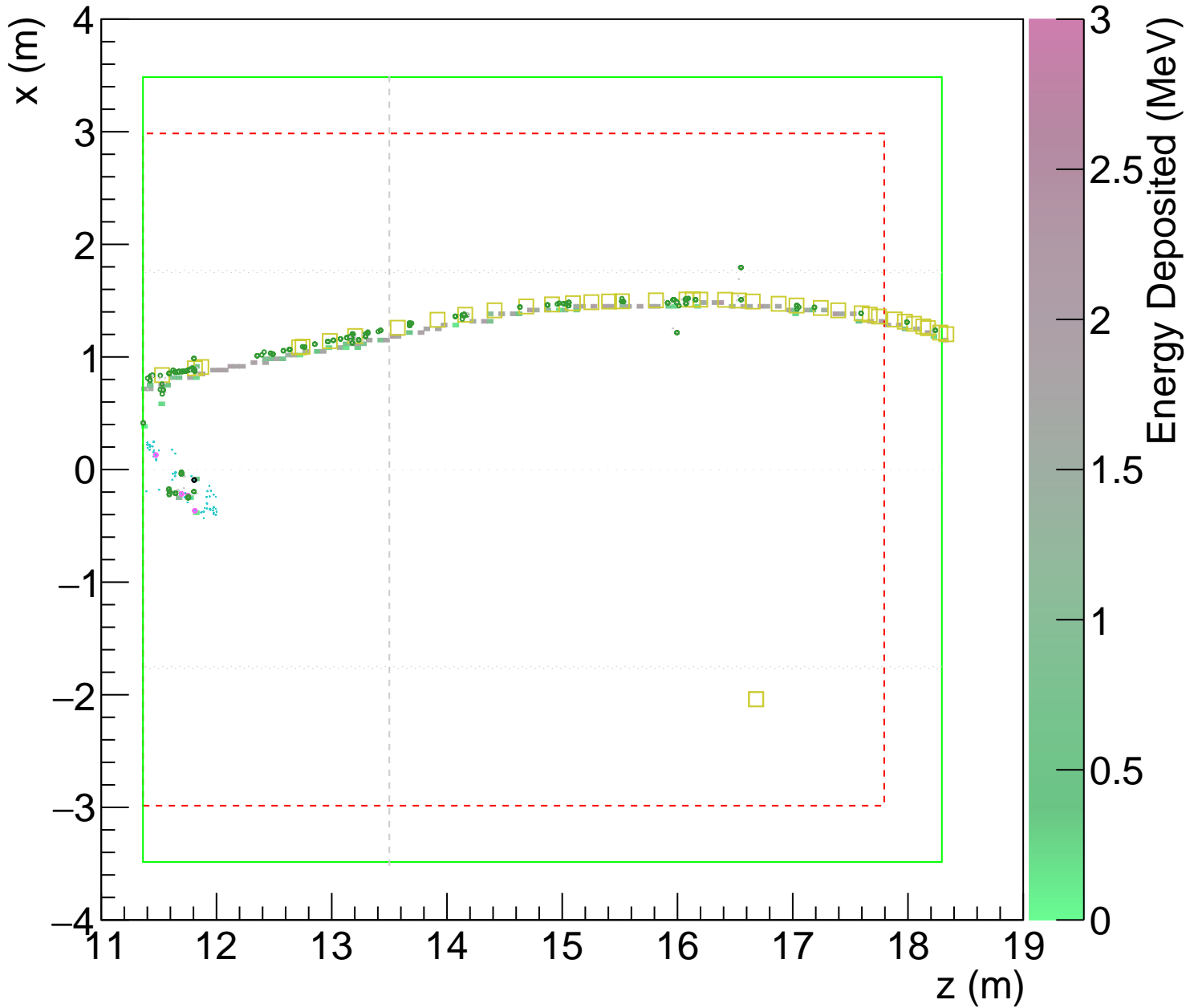
nLines: 0, nClusters: 0



Event 22, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.86$  GeV,  $E_{\mu}^{\text{true}}=5.56$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

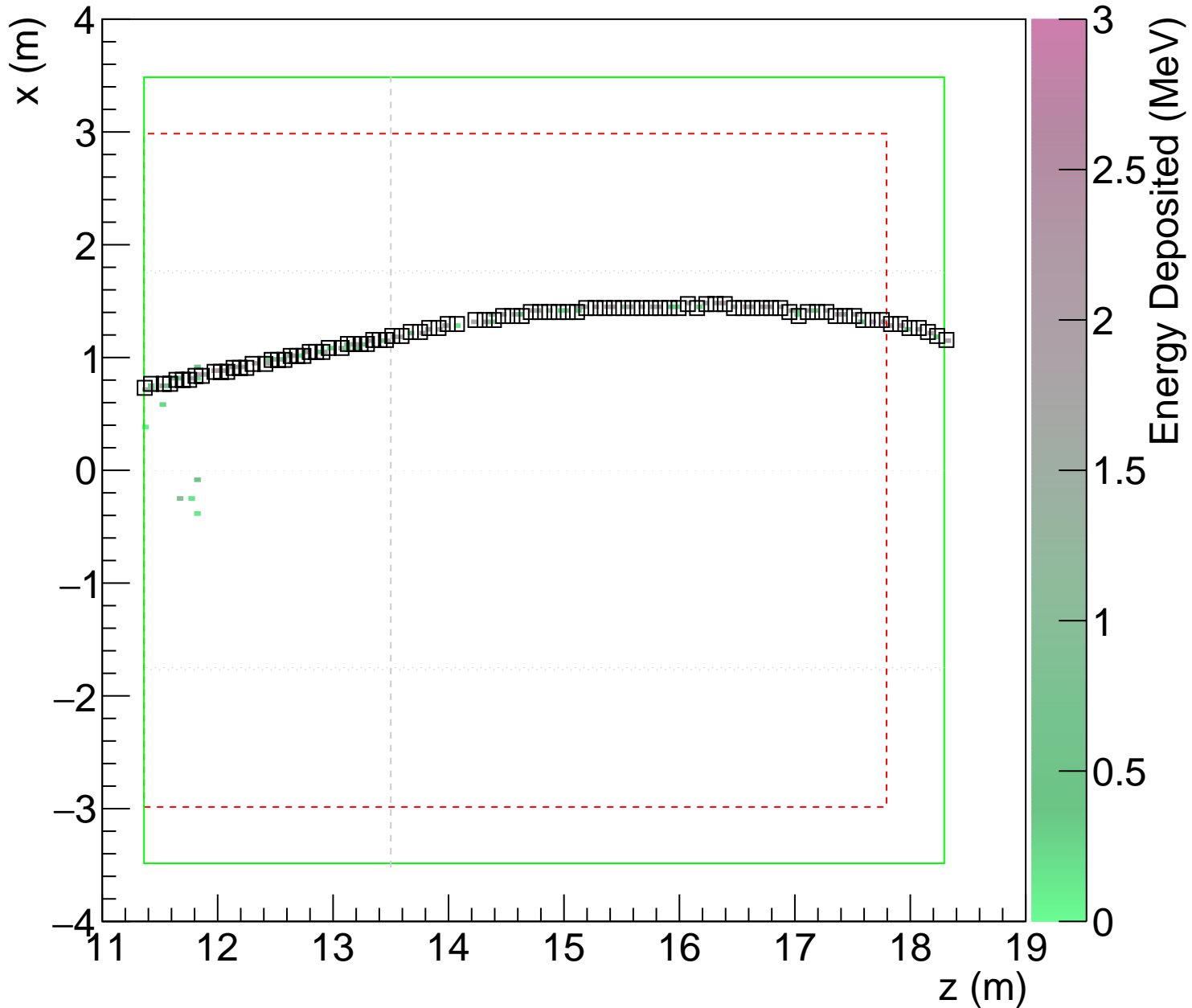


Event 22, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.86$  GeV,  $E_{\mu}^{\text{true}}=5.56$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

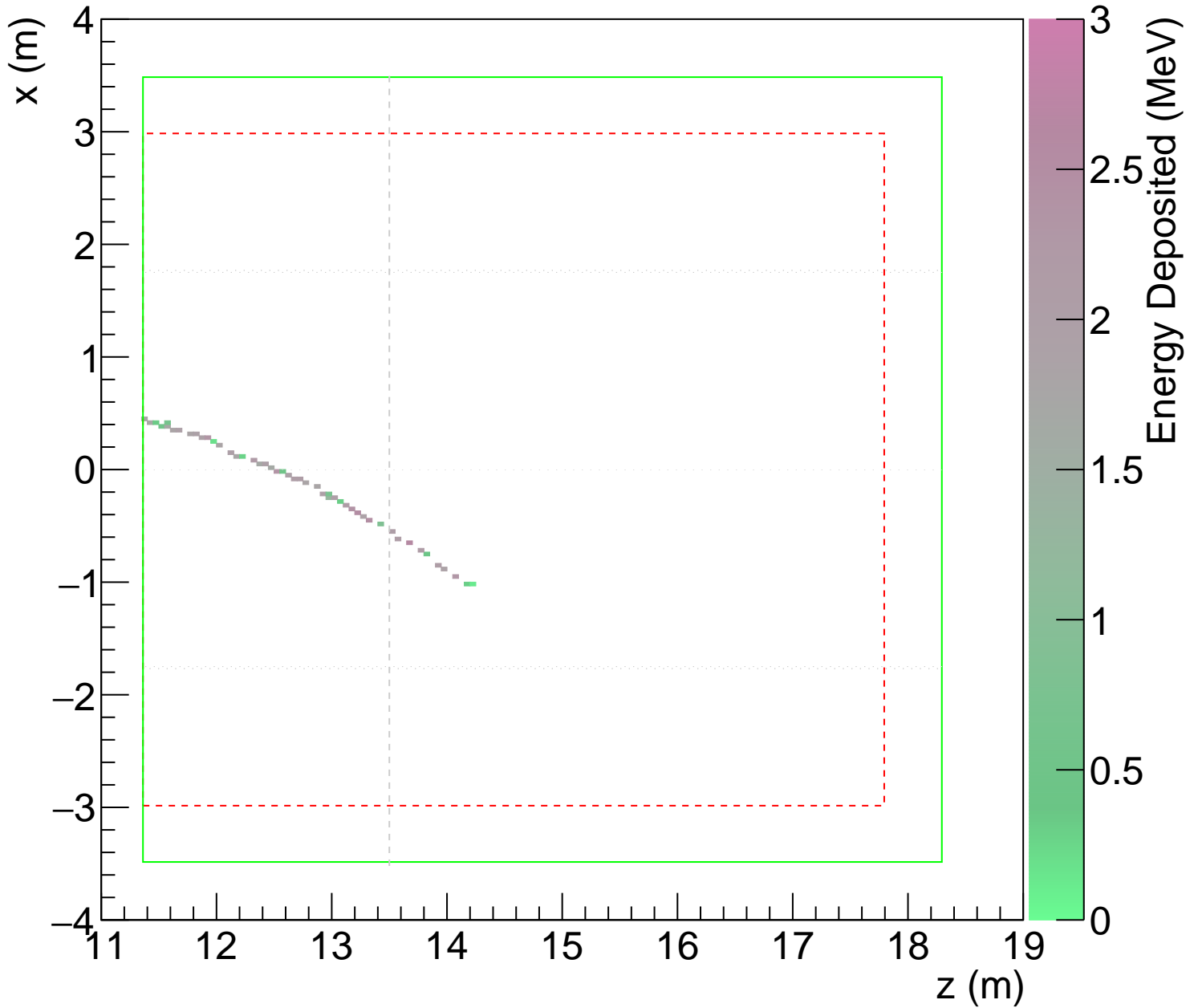


# Event 22 reconstructed

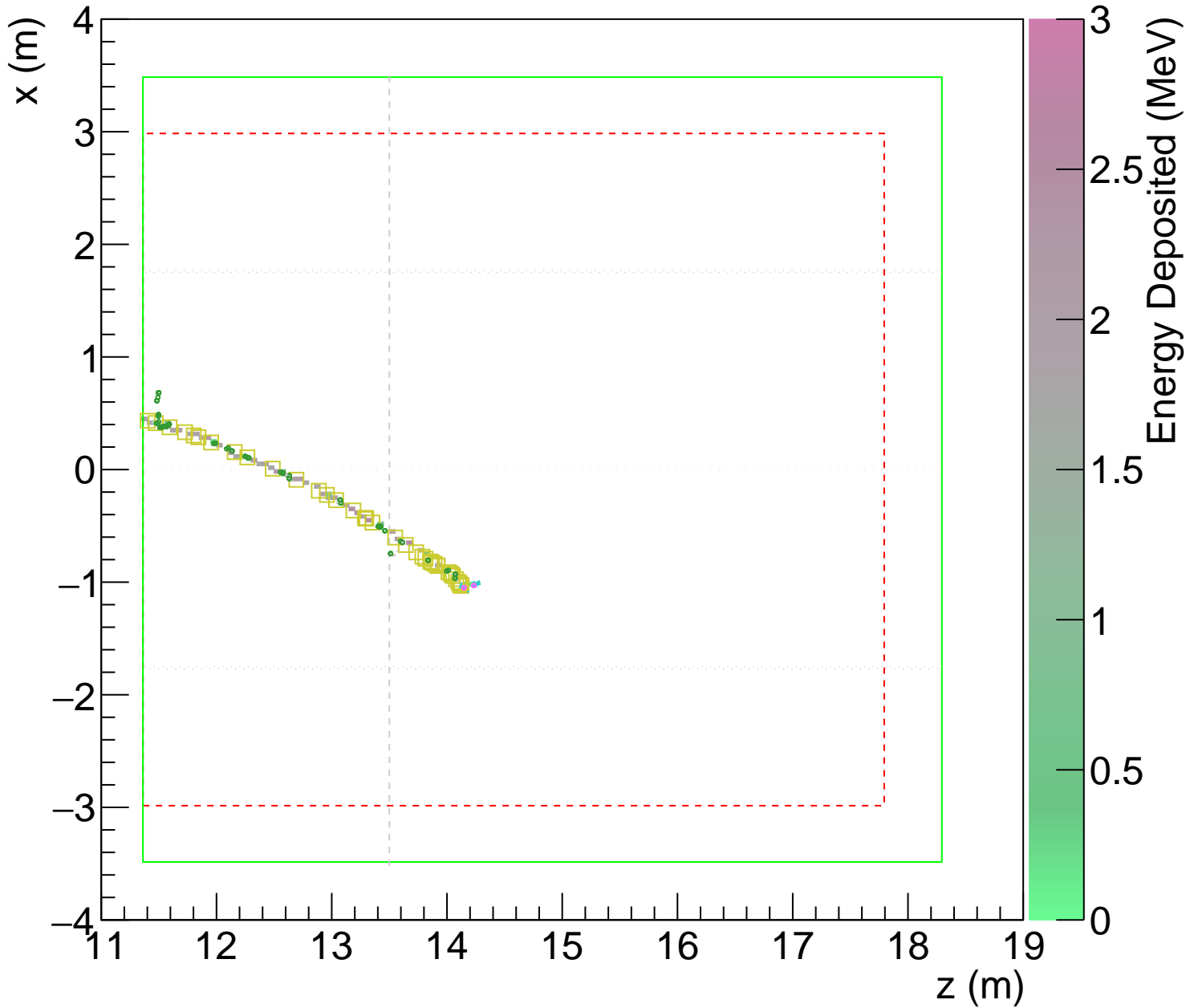
nLines: 1, nClusters: 0



Event 24, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.69$  GeV,  $E_{\mu}^{\text{true}}=2.62$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

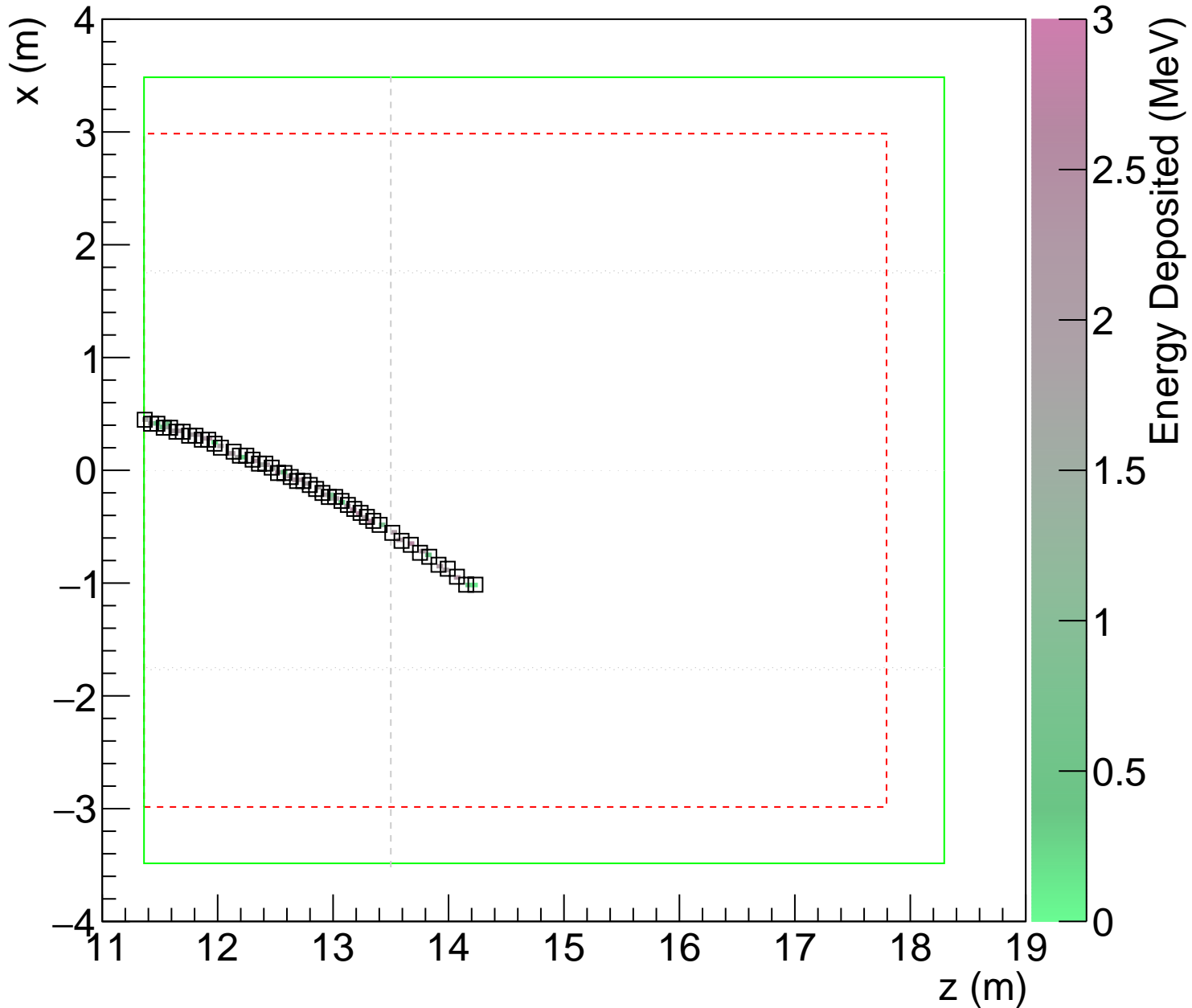


Event 24, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.69$  GeV,  $E_{\mu}^{\text{true}}=2.62$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,



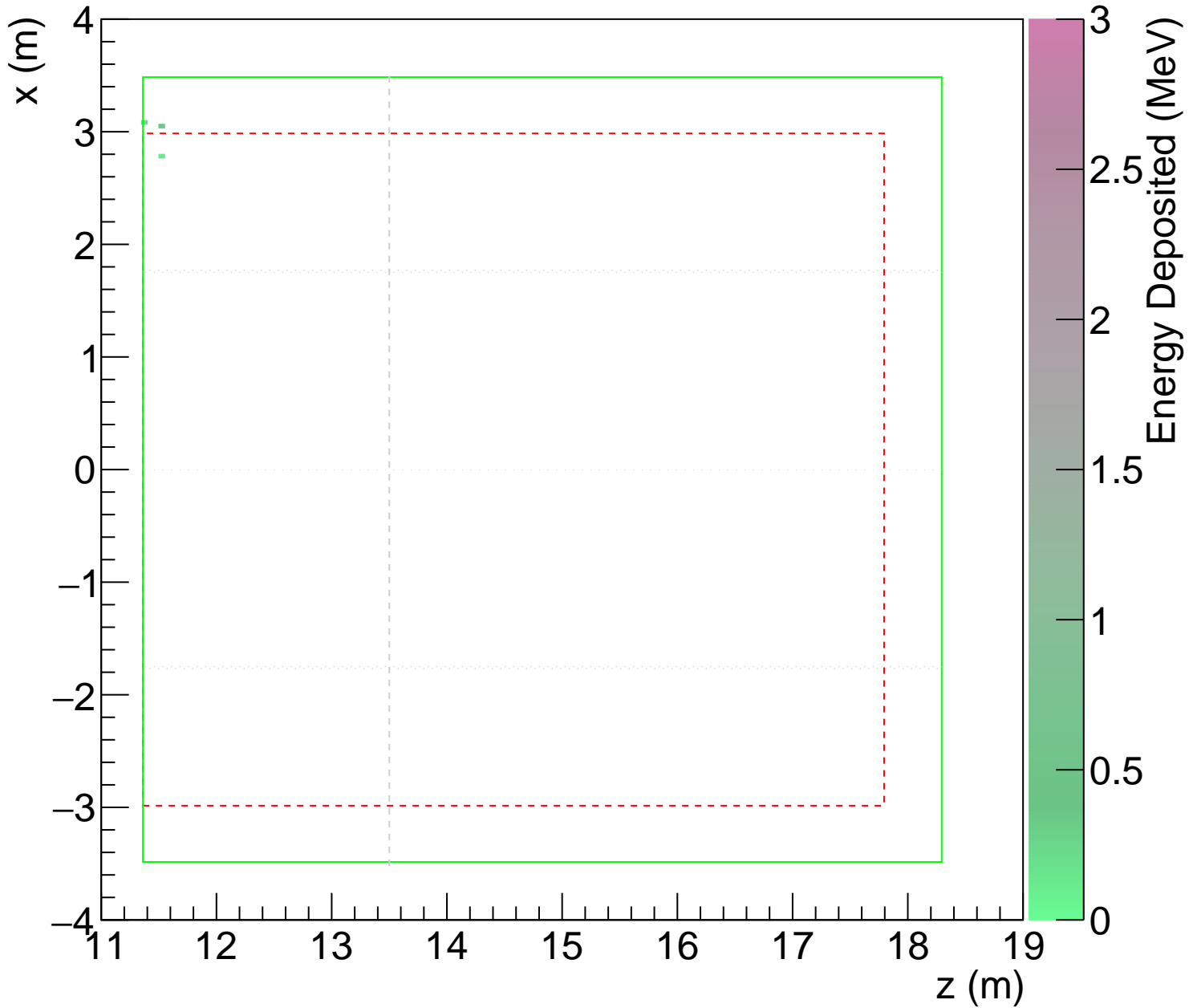
# Event 24 reconstructed

nLines: 1, nClusters: 0

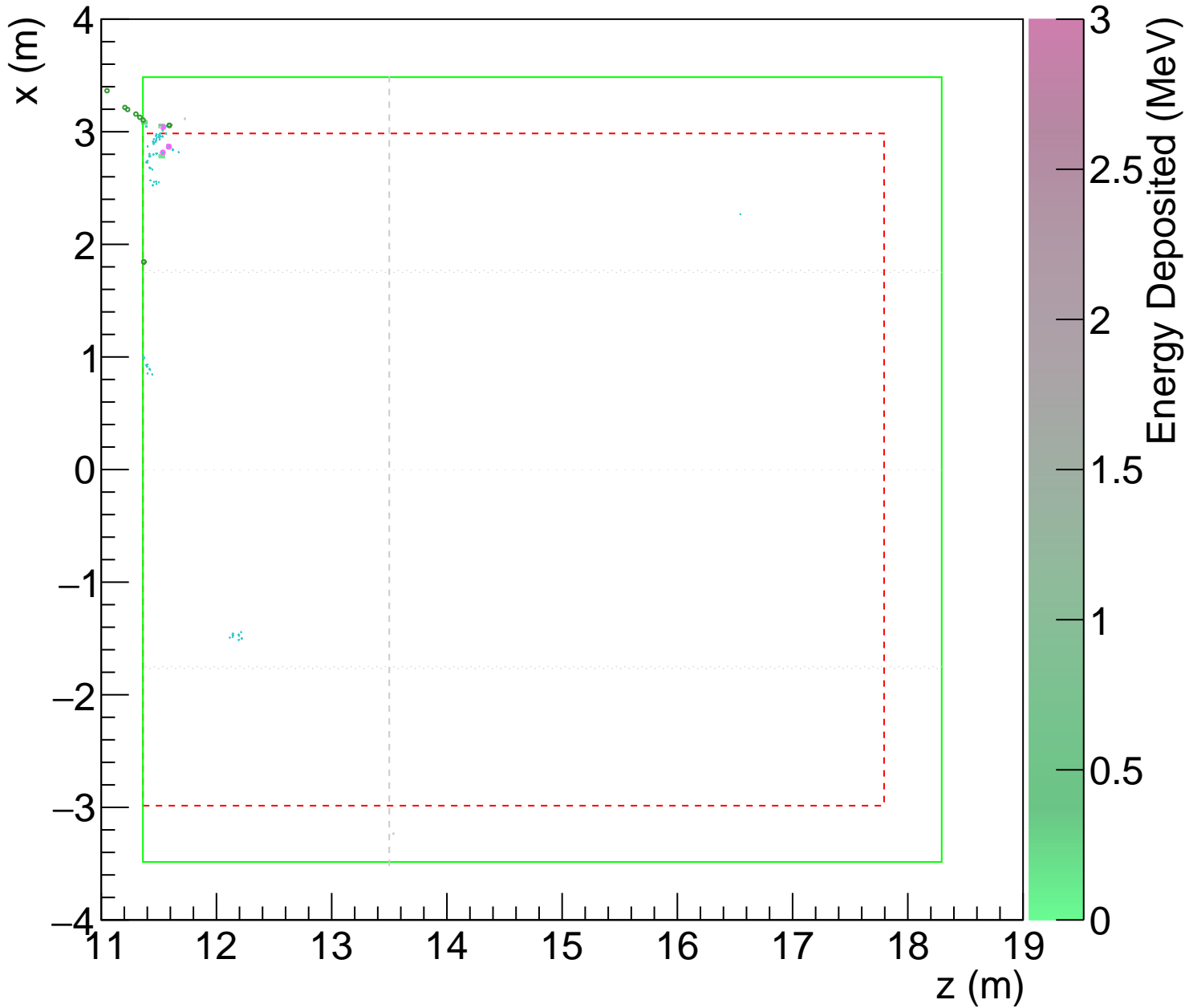




Event 25, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.98$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:0,

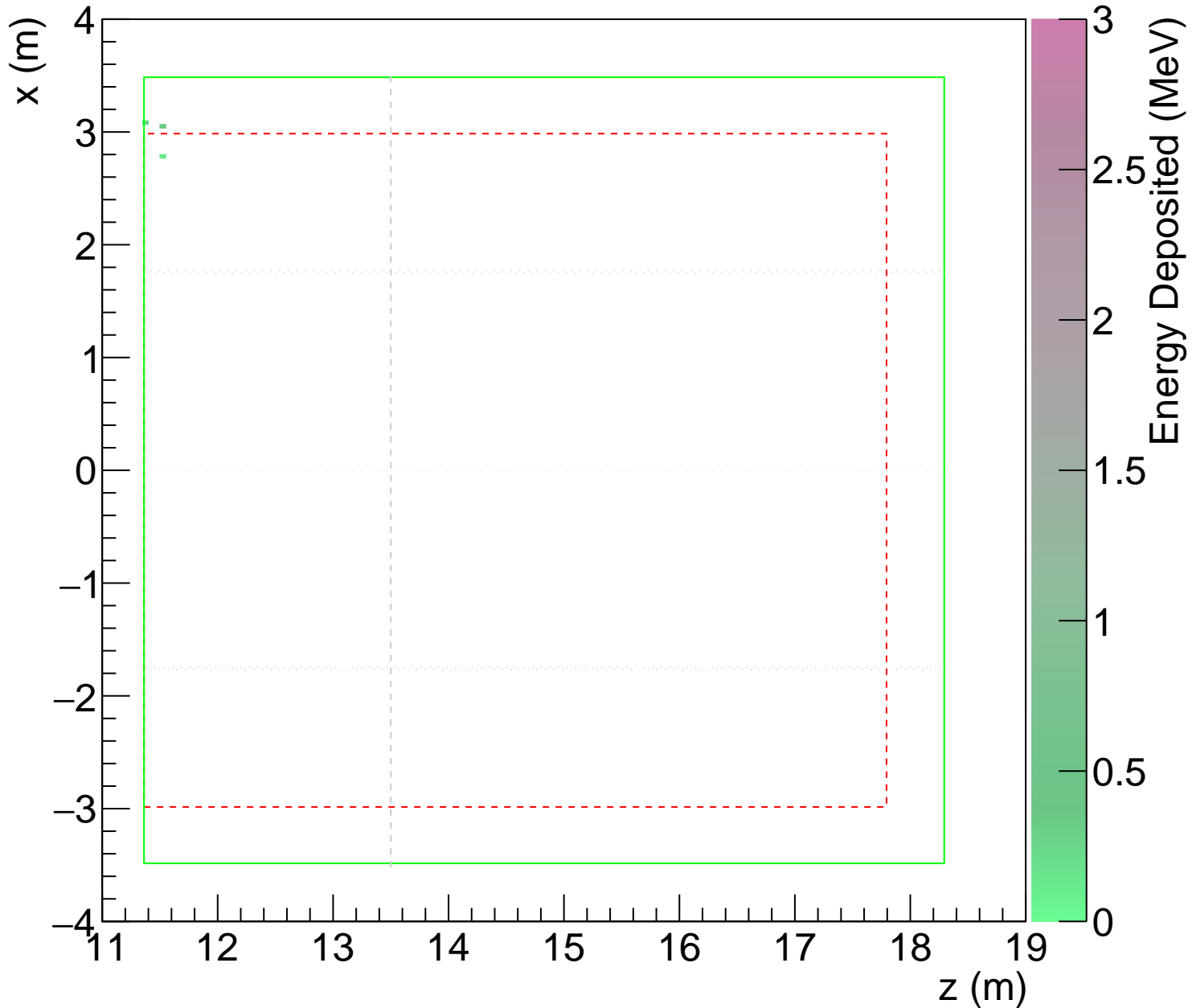


Event 25, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.98$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:0,

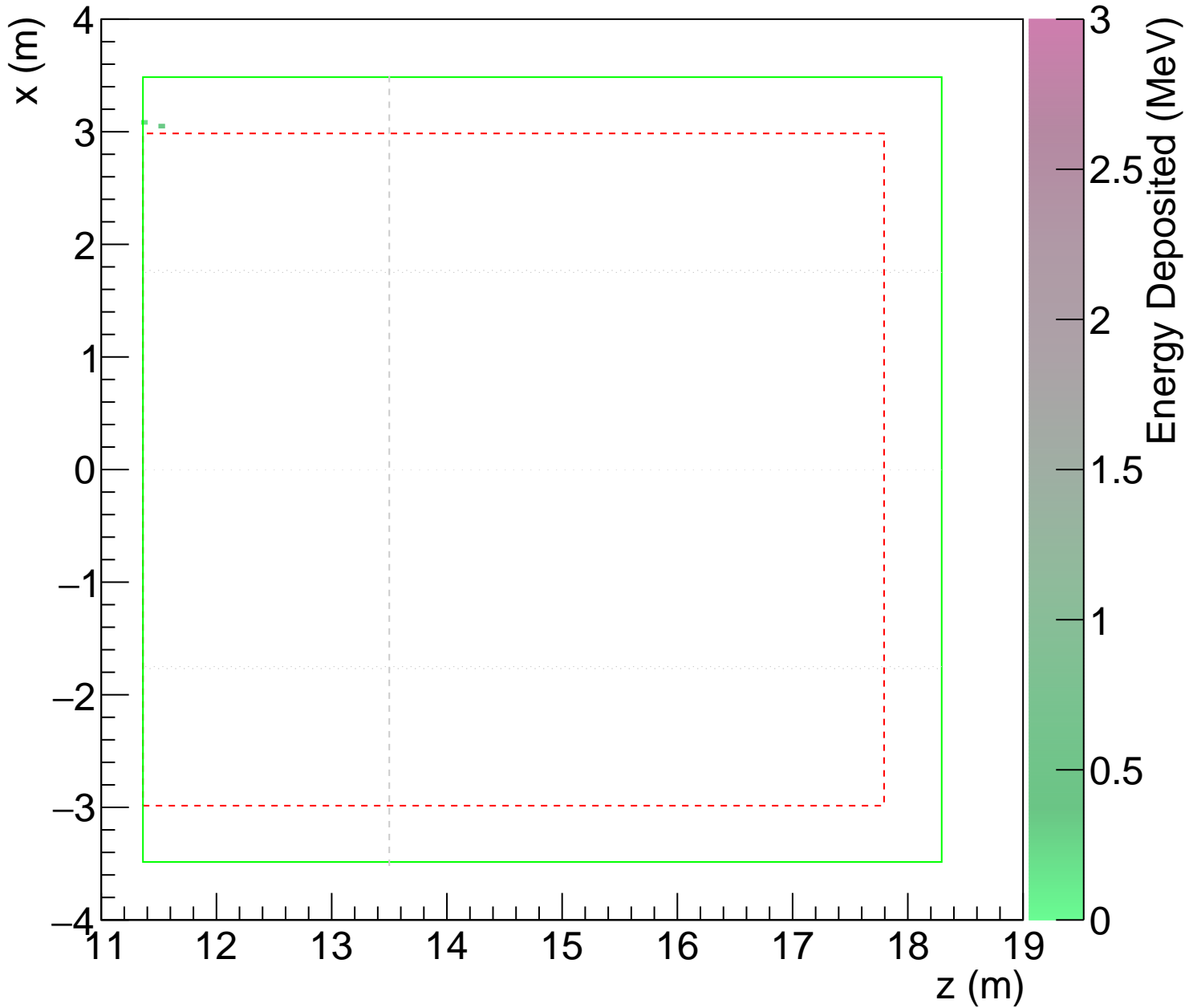


# Event 25 reconstructed

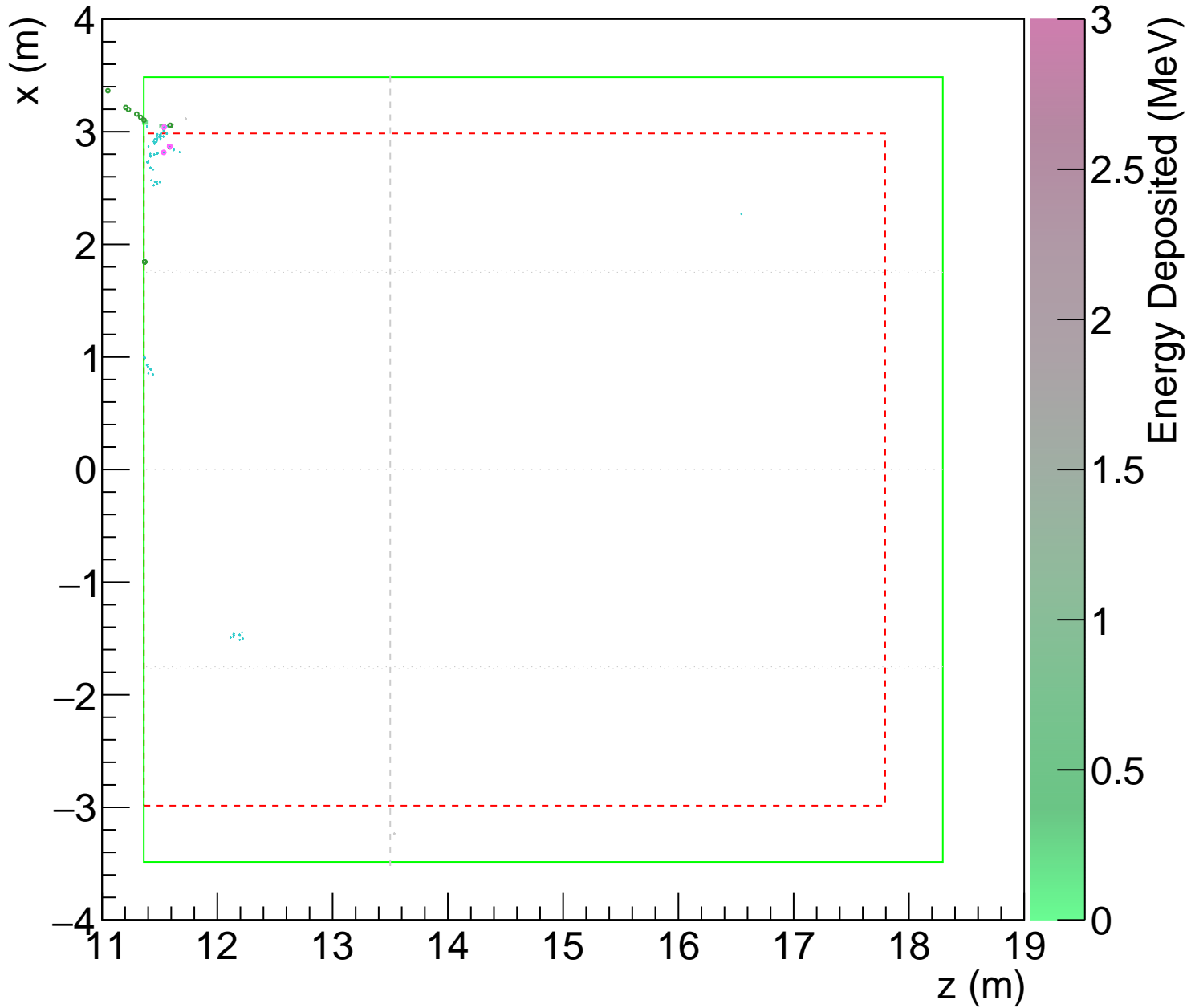
nLines: 0, nClusters: 0



Event 26, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.46$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

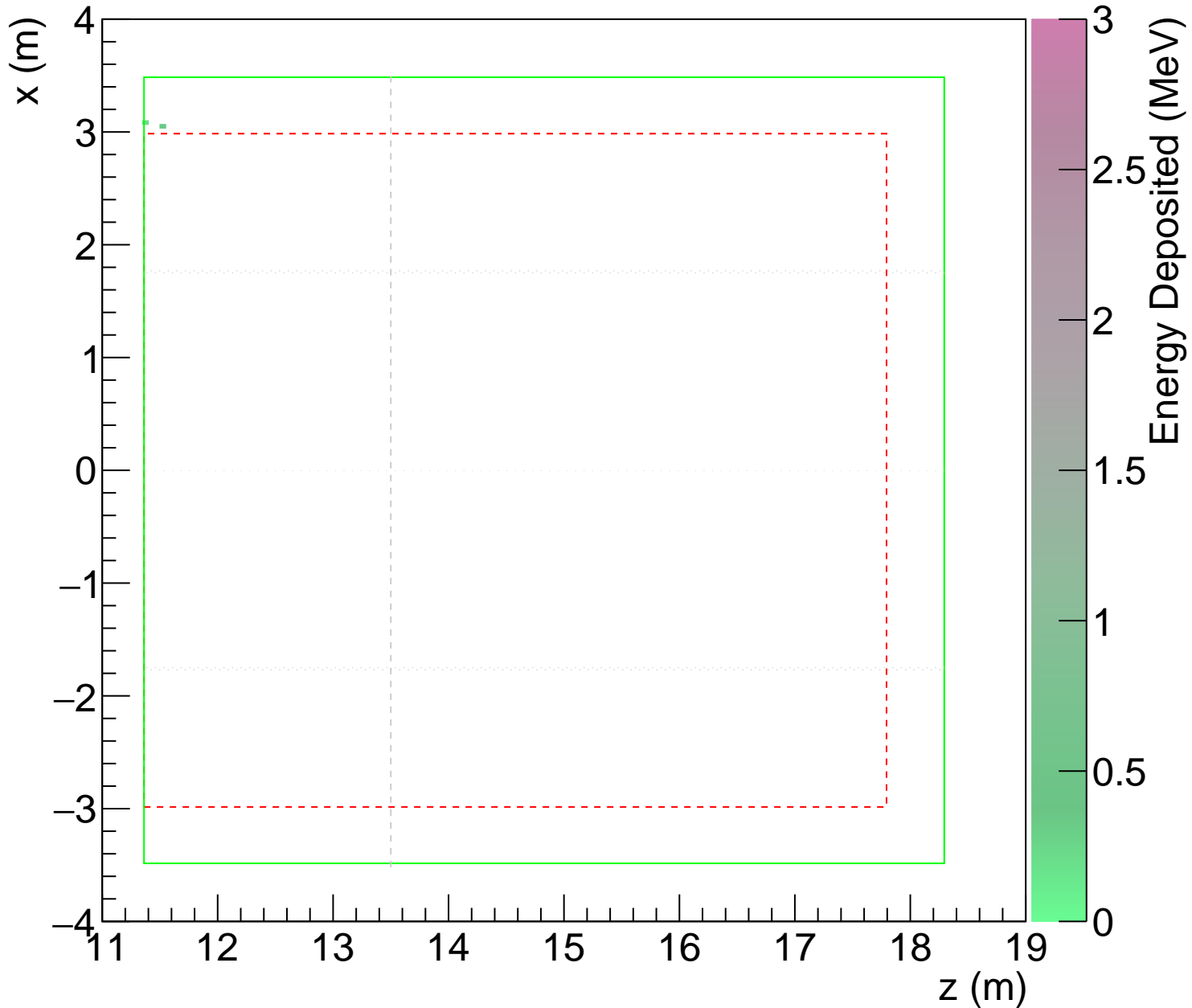


Event 26, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.46$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

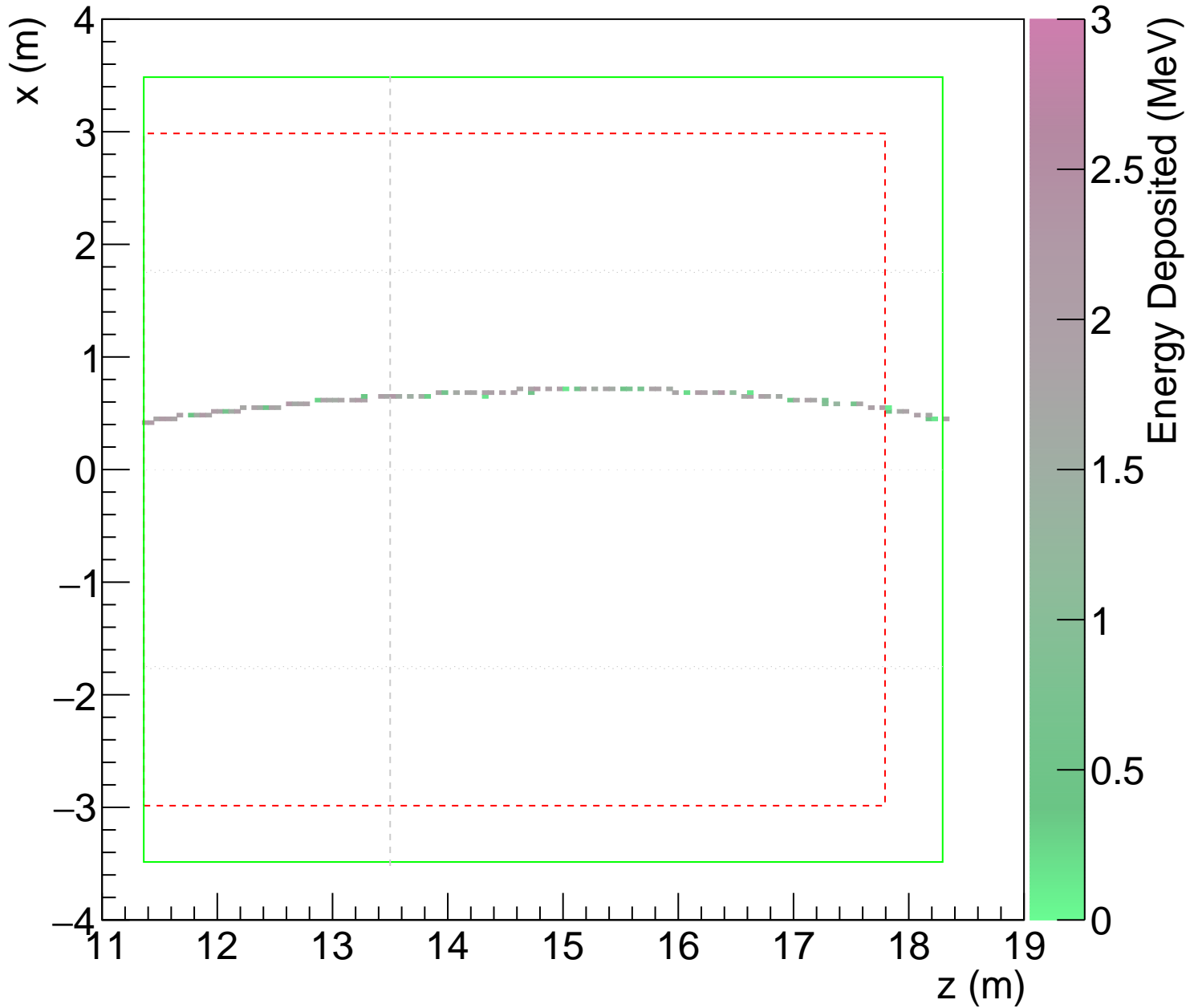


# Event 26 reconstructed

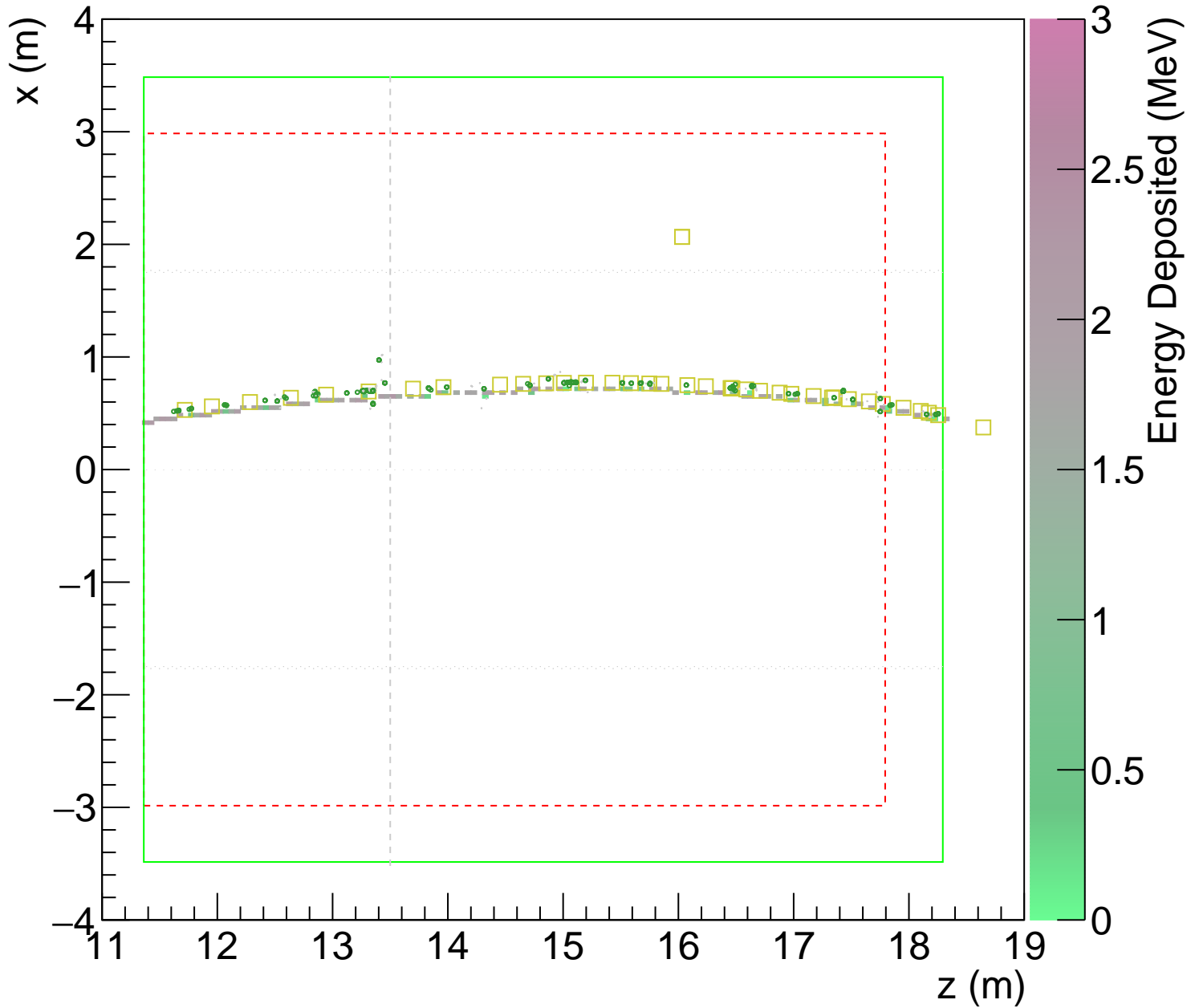
nLines: 0, nClusters: 0



Event 28, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=7.04$  GeV,  $E_{\mu}^{\text{true}}=5.85$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:6,



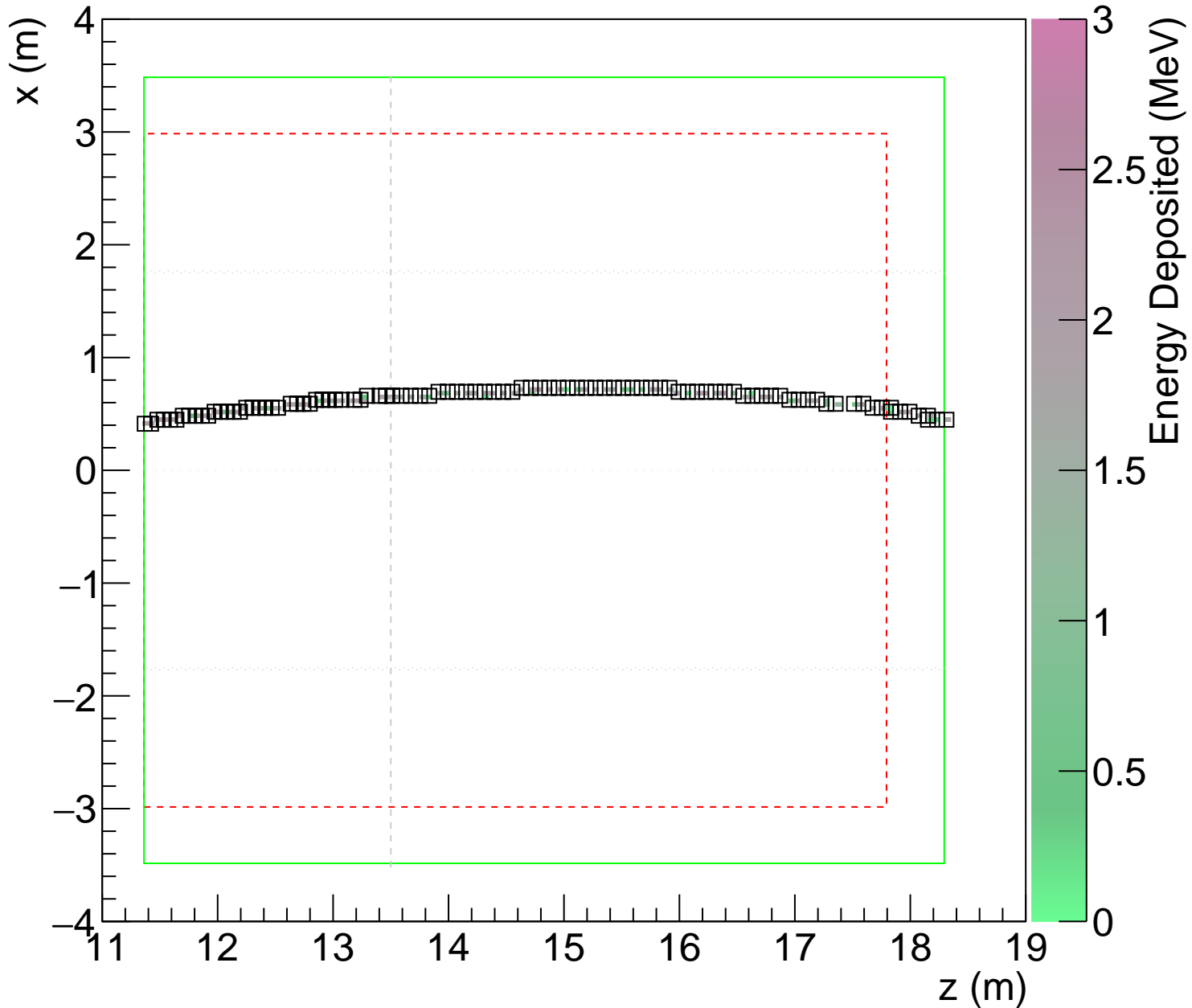
Event 28, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=7.04$  GeV,  $E_{\mu}^{\text{true}}=5.85$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:6,



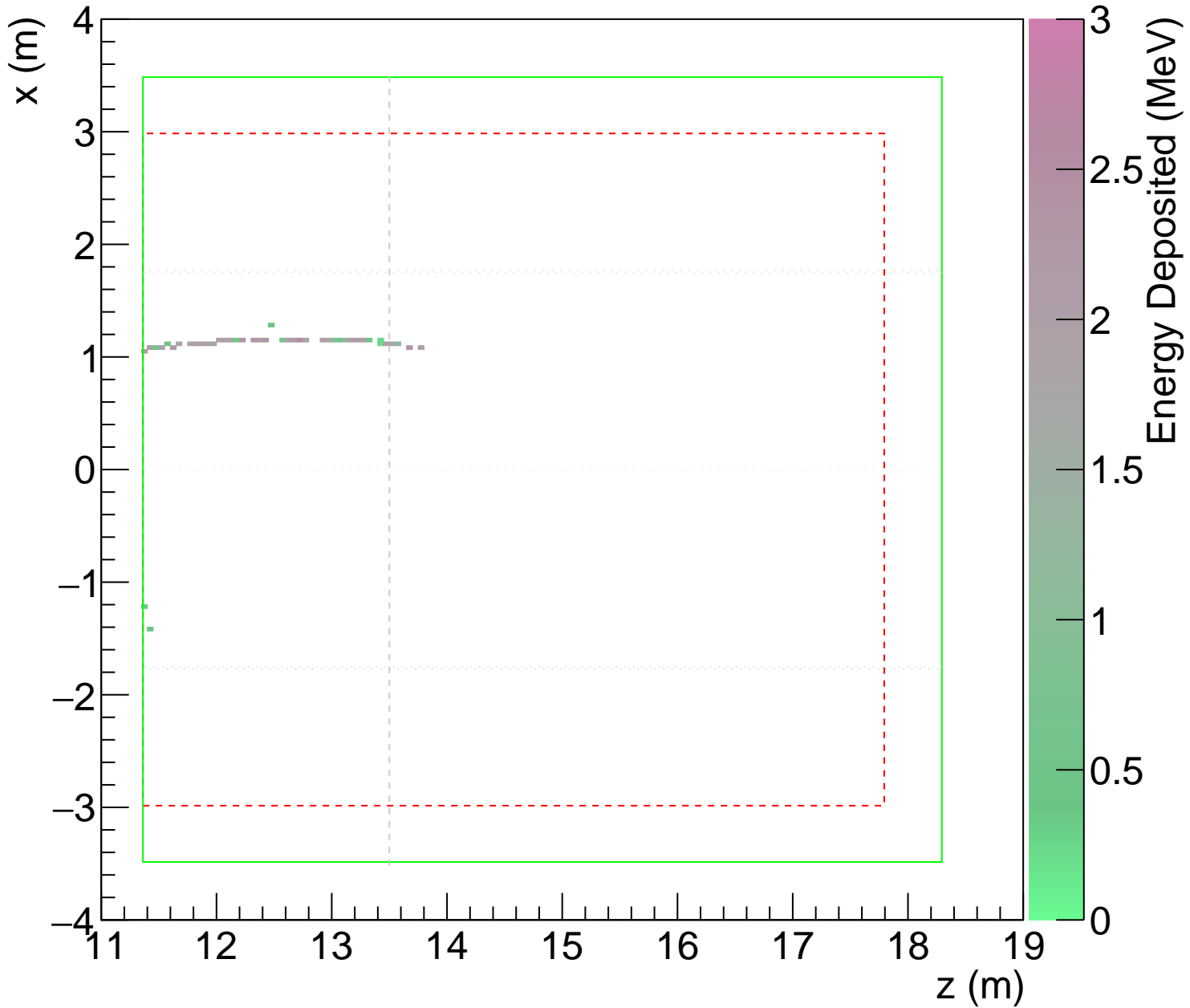


# Event 28 reconstructed

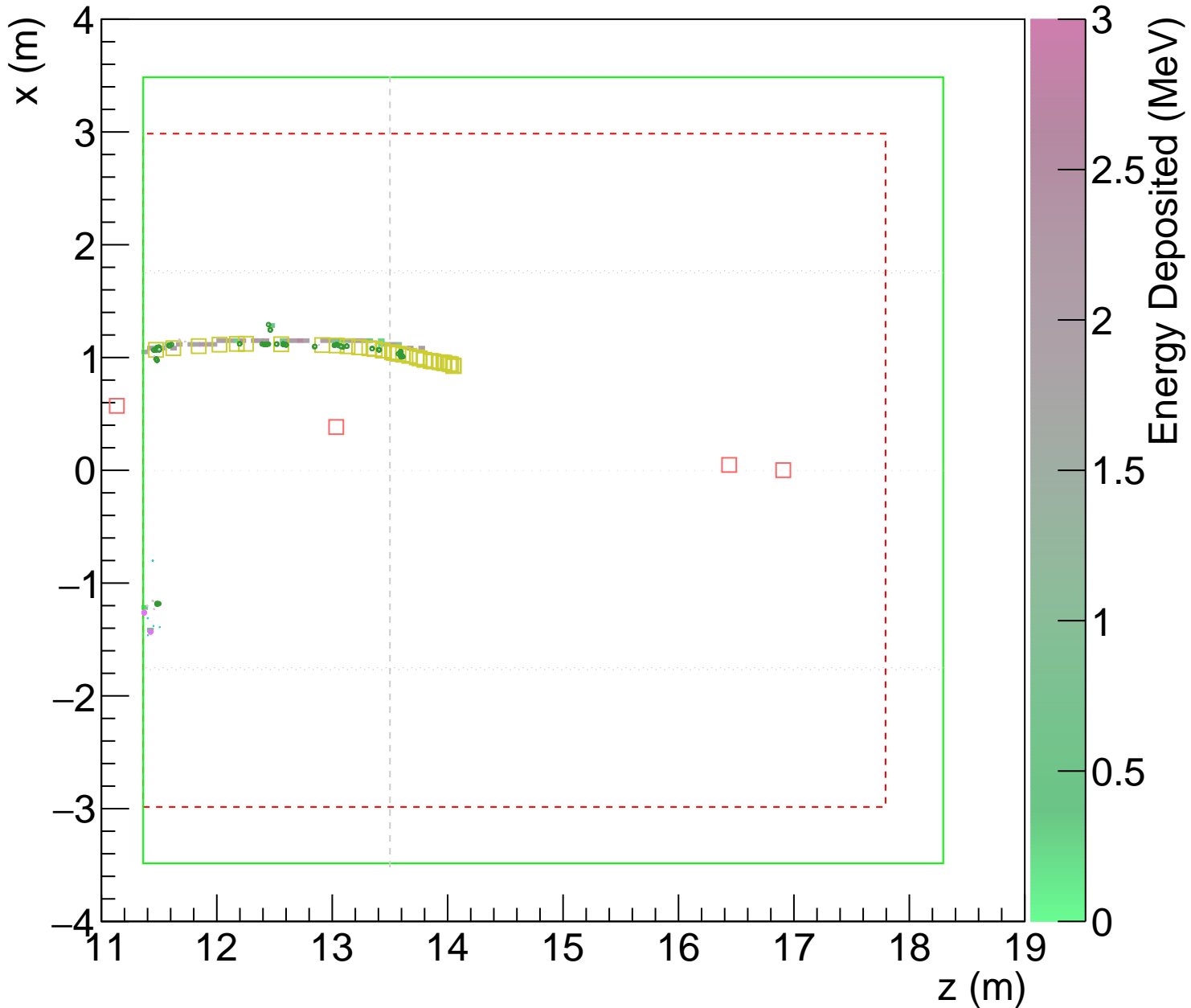
nLines: 1, nClusters: 0



Event 32, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.03$  GeV,  $E_{\mu}^{\text{true}}=1.63$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

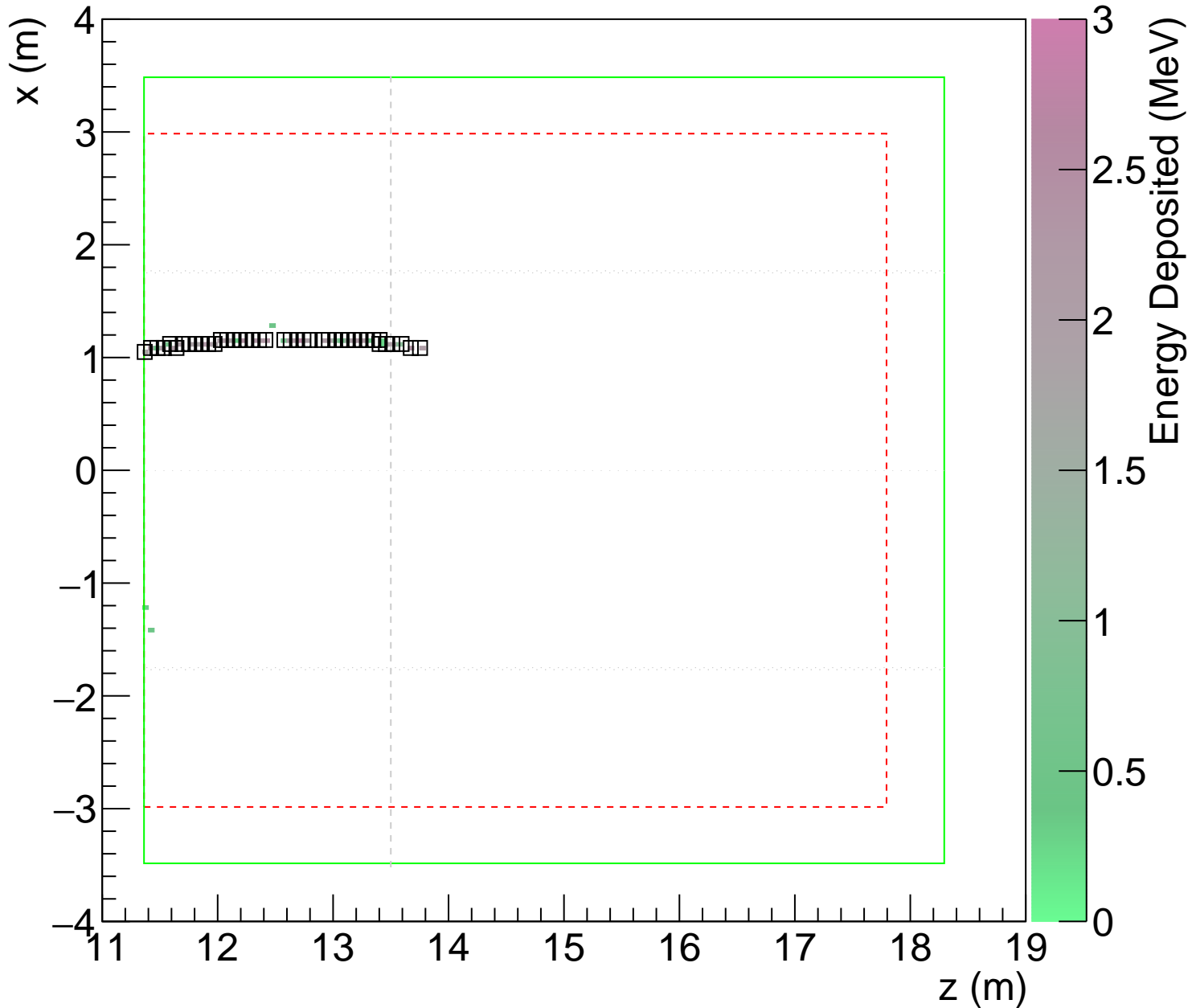


Event 32, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.03$  GeV,  $E_{\mu}^{\text{true}}=1.63$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

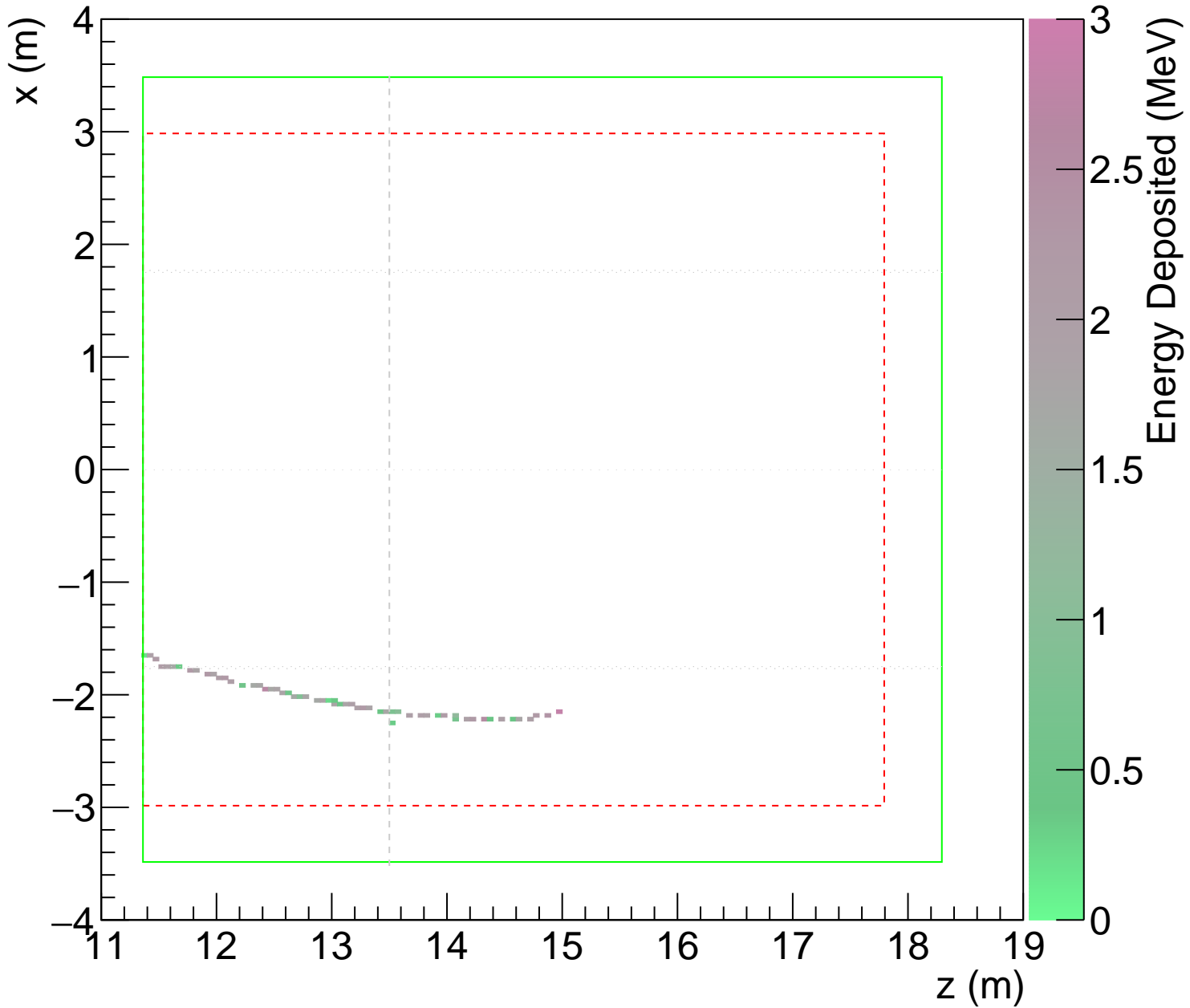


# Event 32 reconstructed

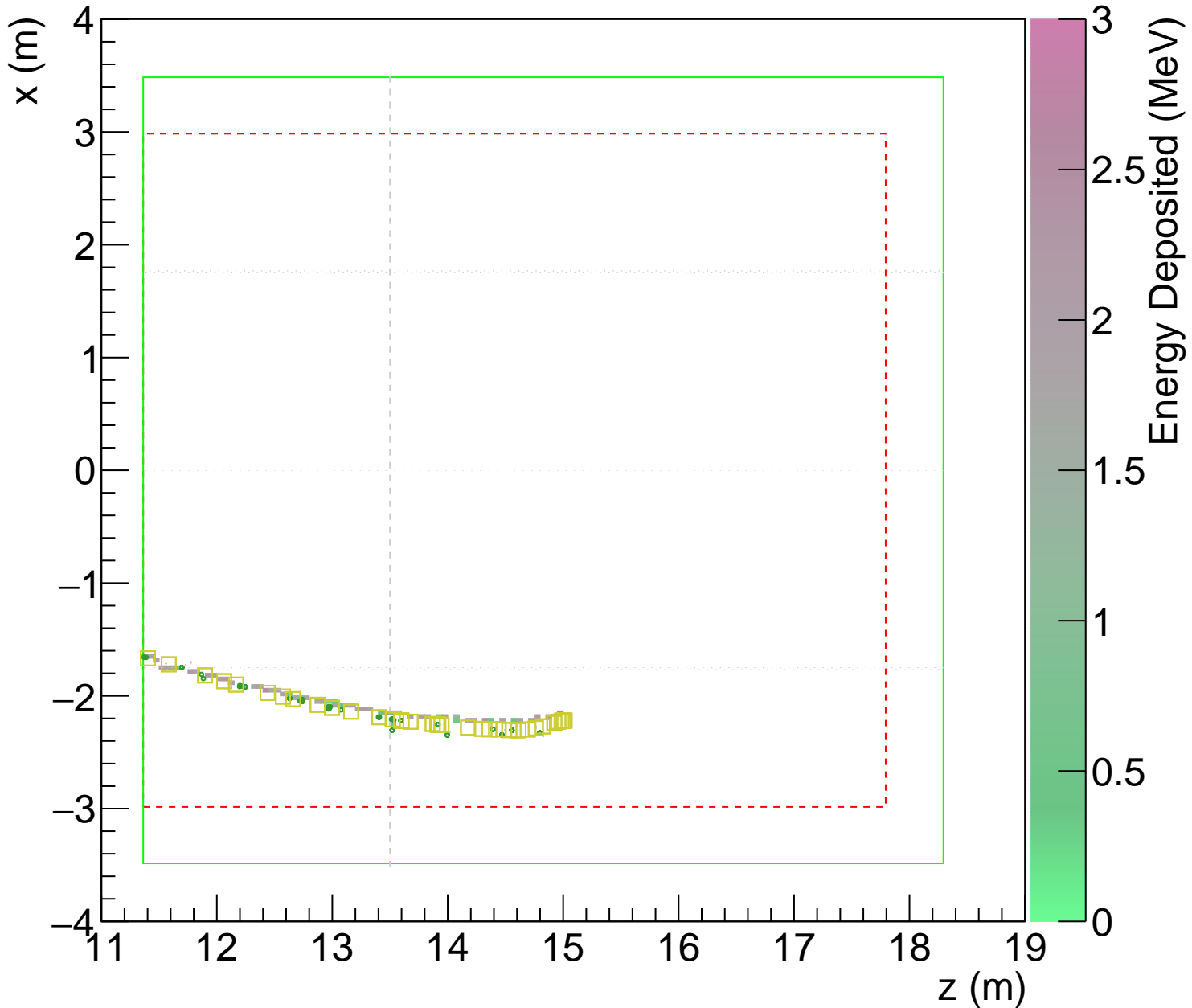
nLines: 1, nClusters: 0



Event 33, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.65$  GeV,  $E_{\mu}^{\text{true}}=3.03$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

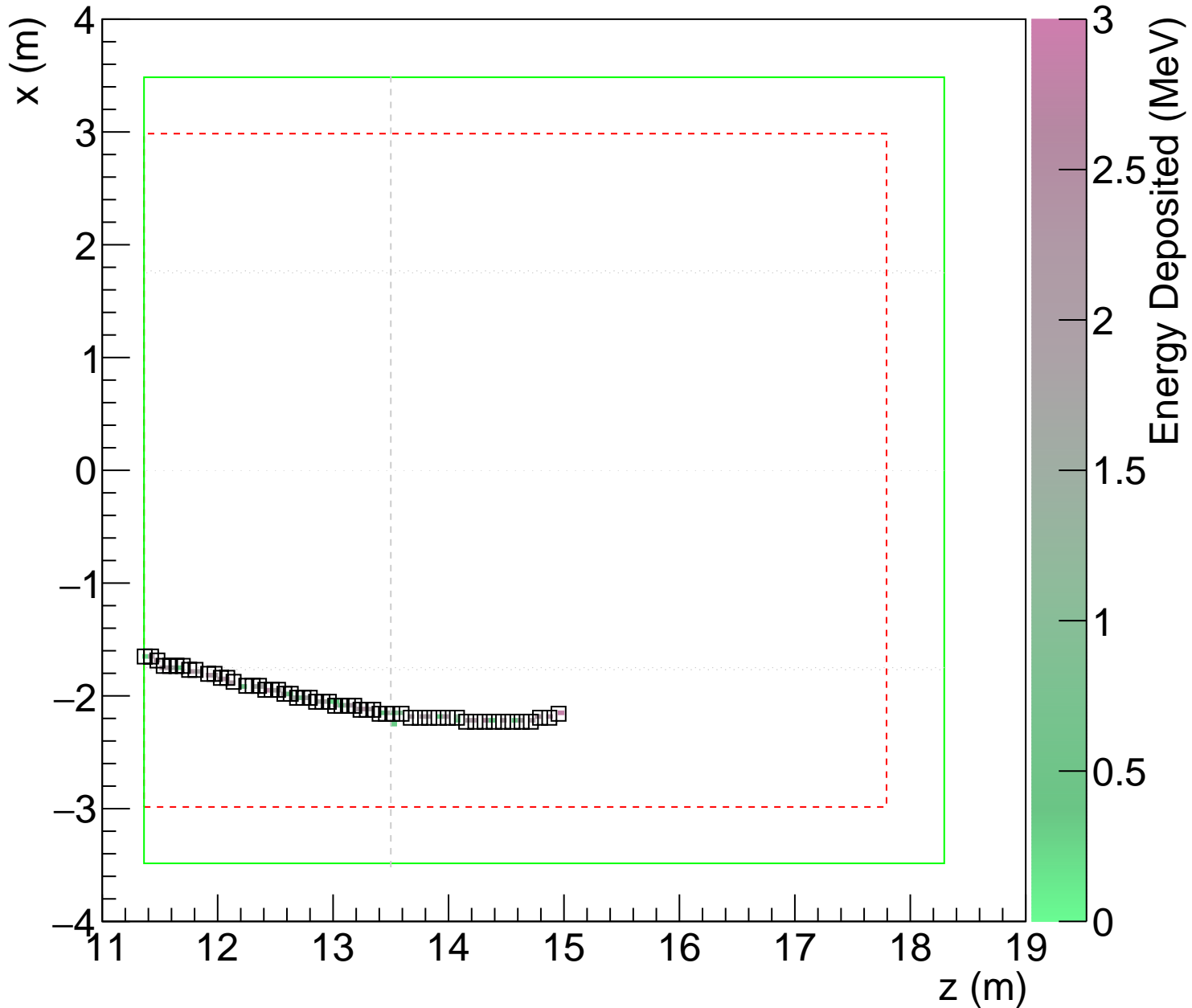


Event 33, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.65$  GeV,  $E_{\mu}^{\text{true}}=3.03$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

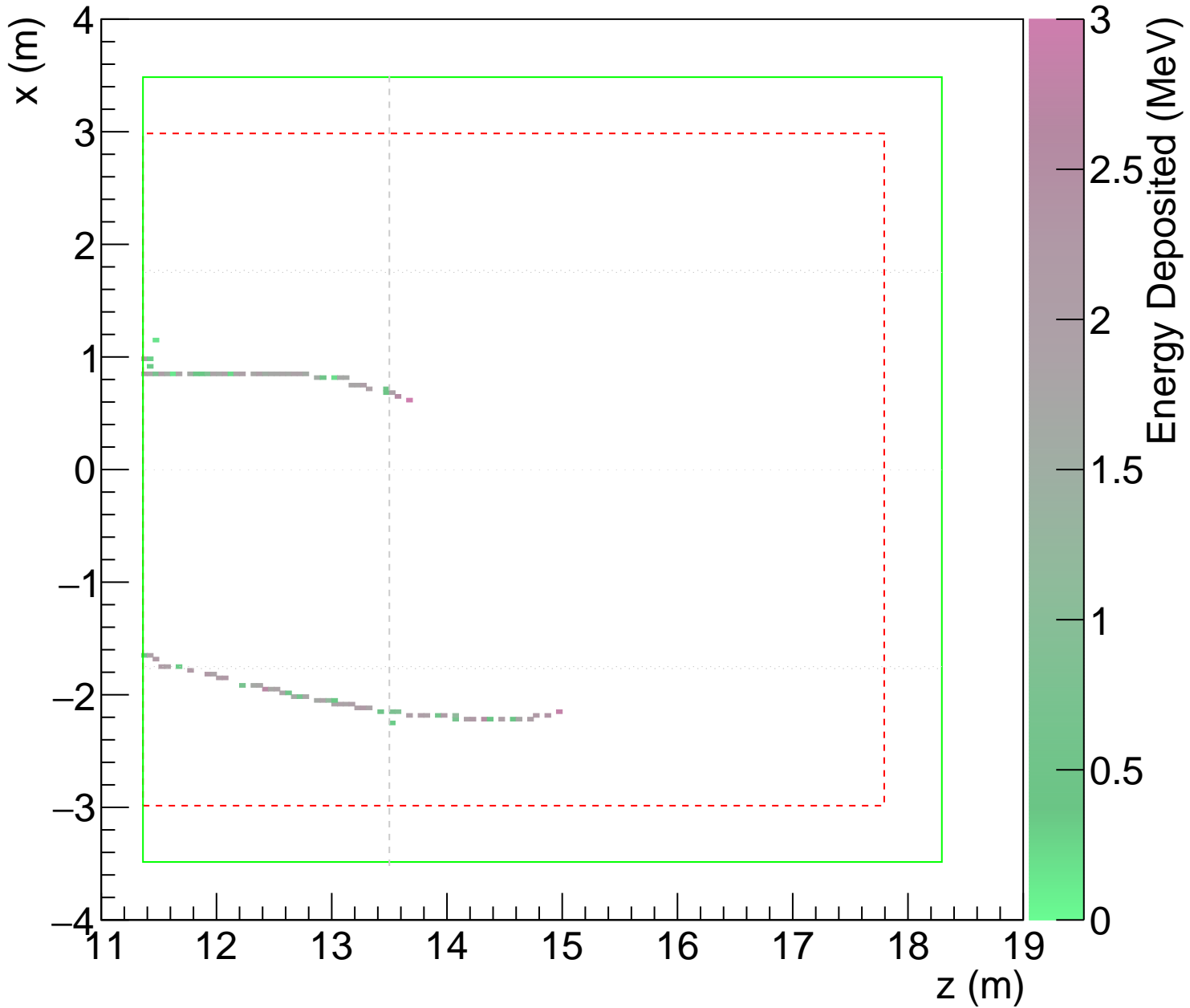


# Event 33 reconstructed

nLines: 1, nClusters: 0

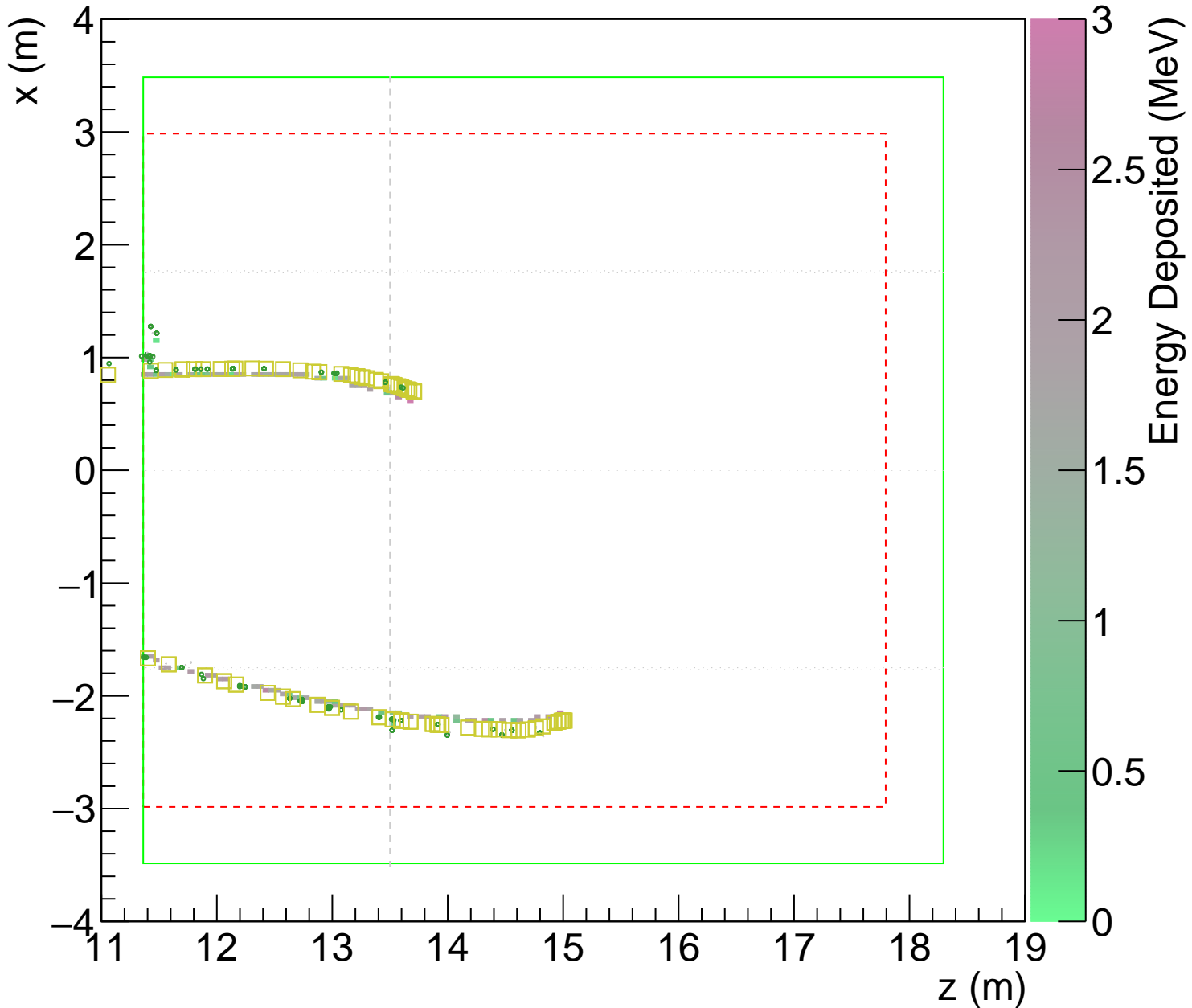


Event 34, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.97$  GeV,  $E_{\mu}^{\text{true}}=3.03$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



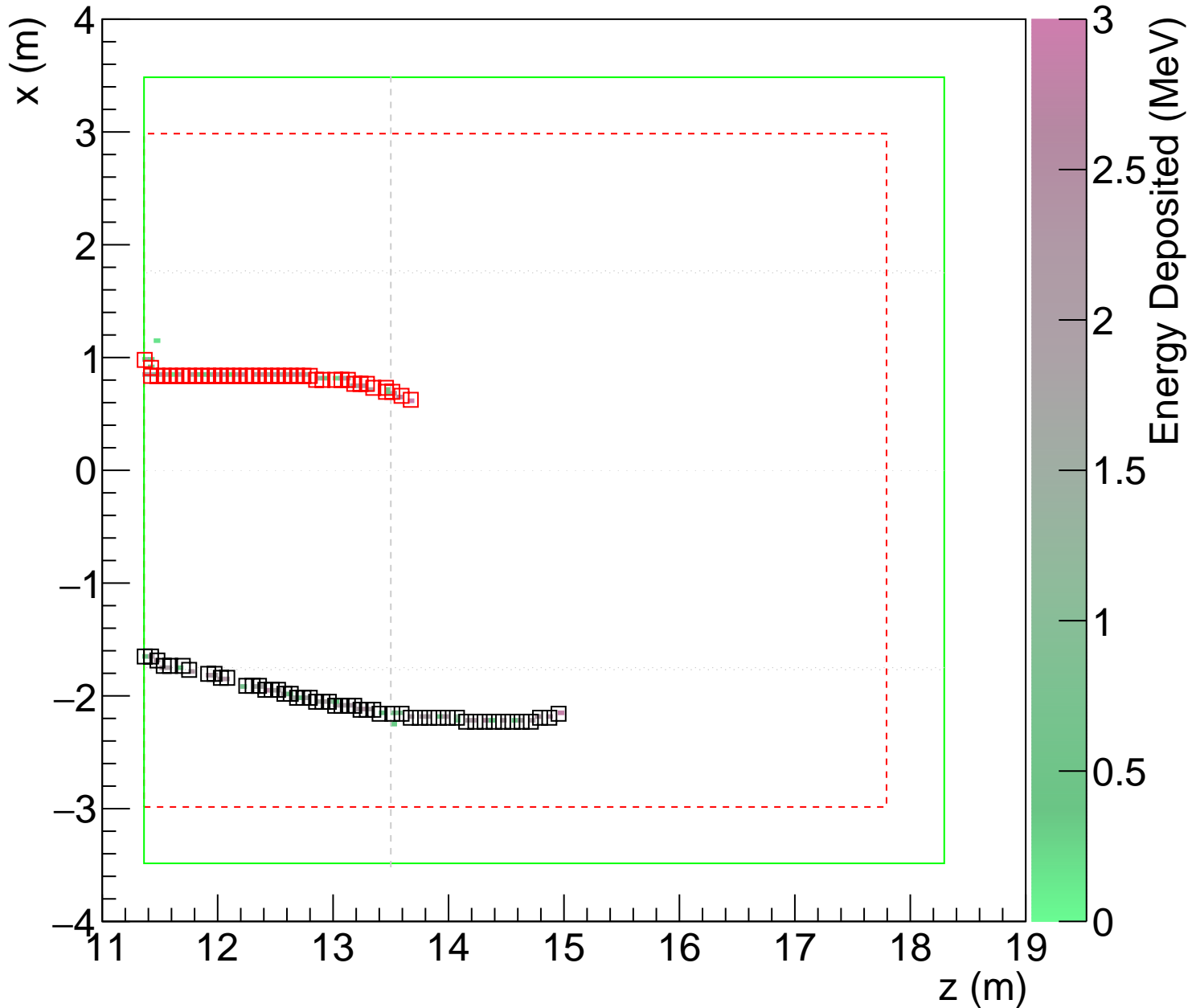


Event 34, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.97$  GeV,  $E_{\mu}^{\text{true}}=3.03$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

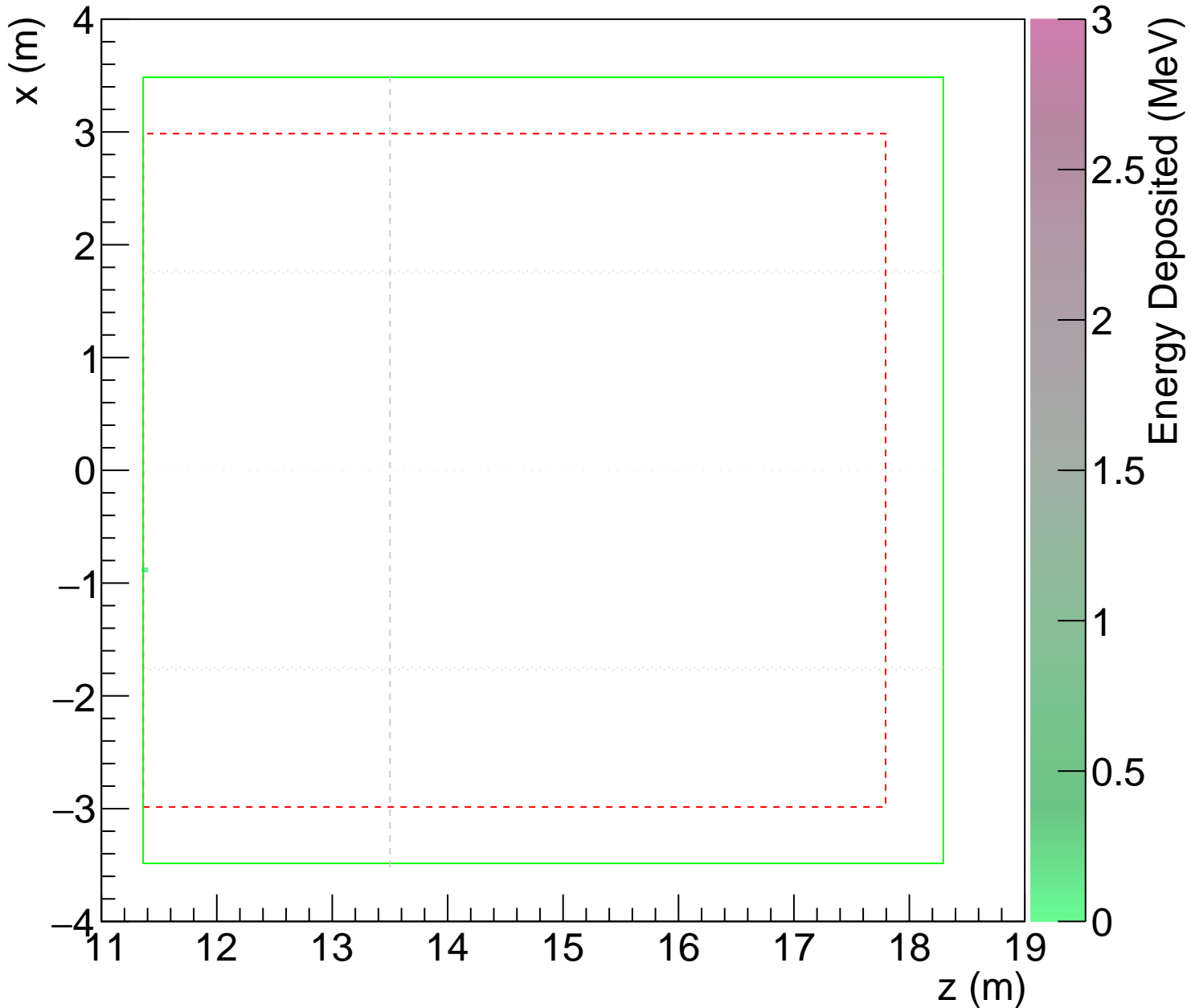


# Event 34 reconstructed

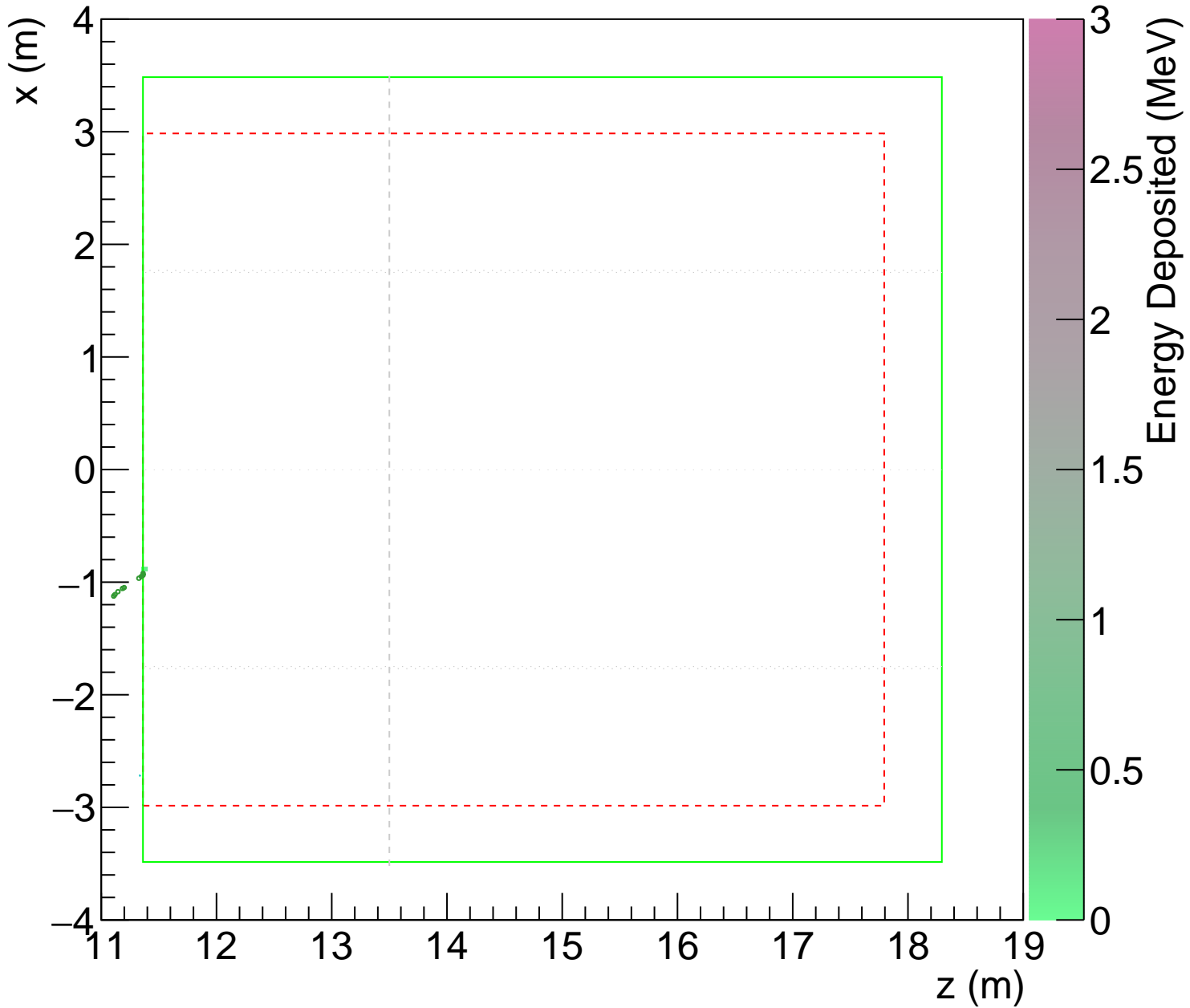
nLines: 2, nClusters: 0



Event 35, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=2.42$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

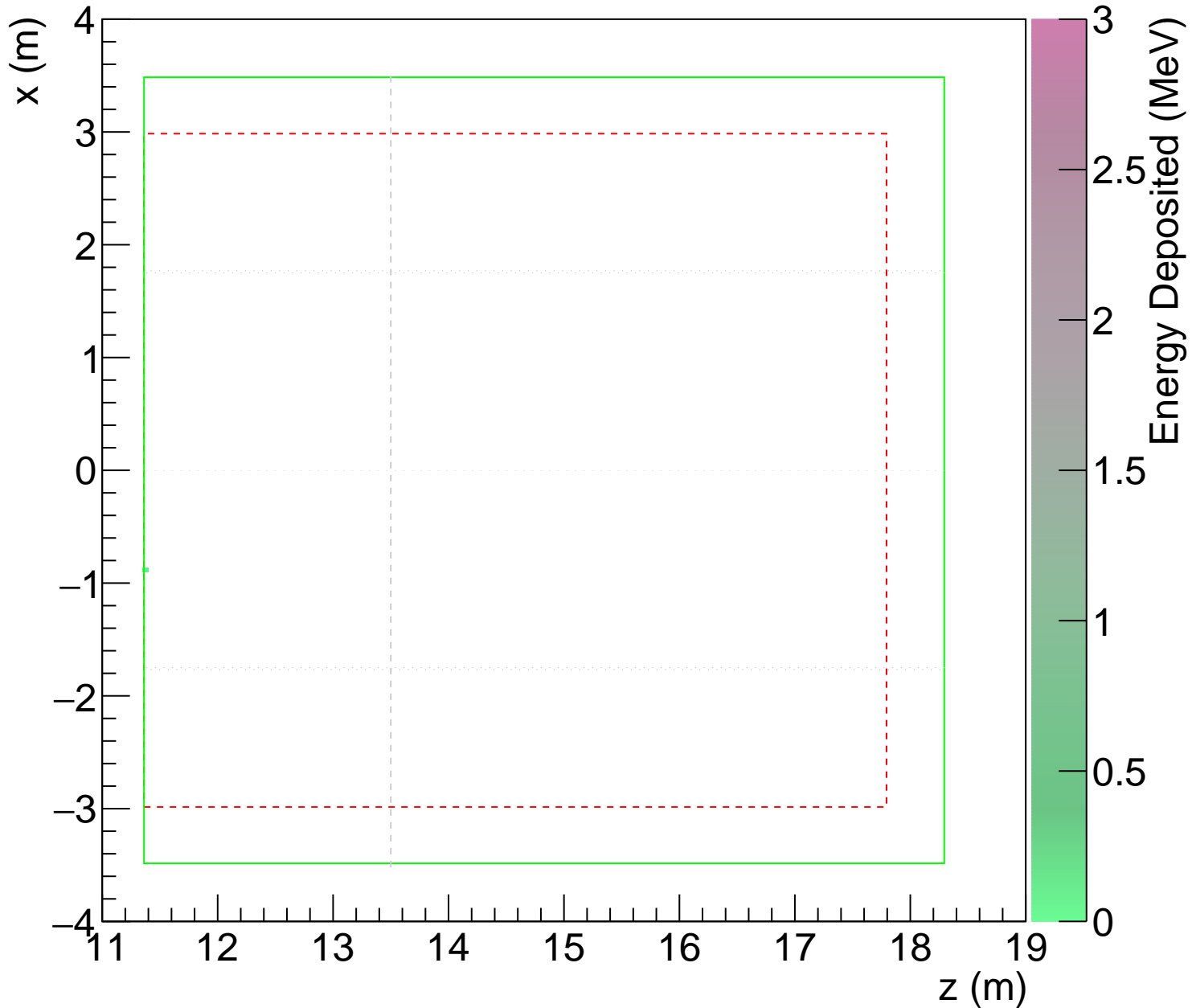


Event 35, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=2.42$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

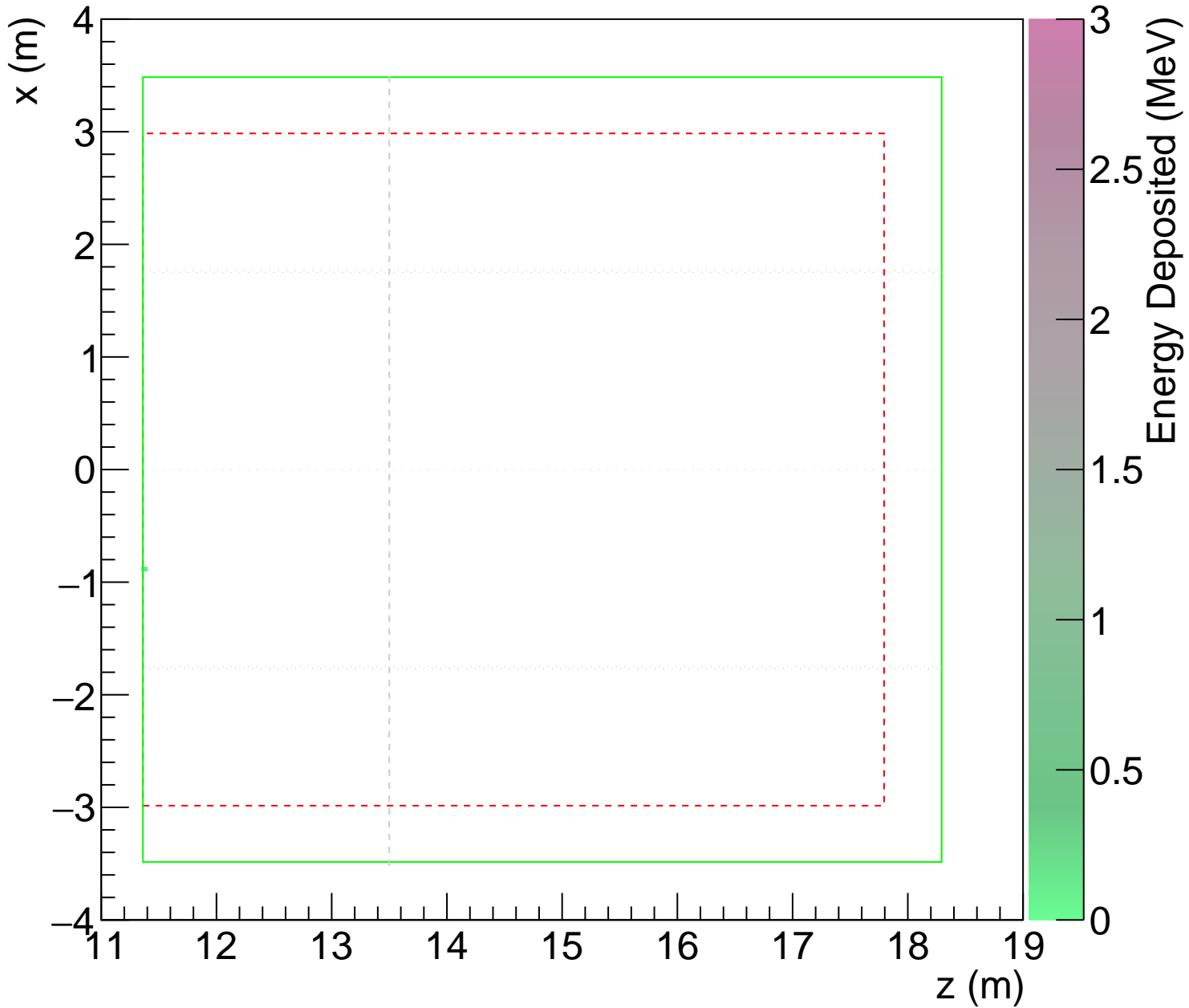


# Event 35 reconstructed

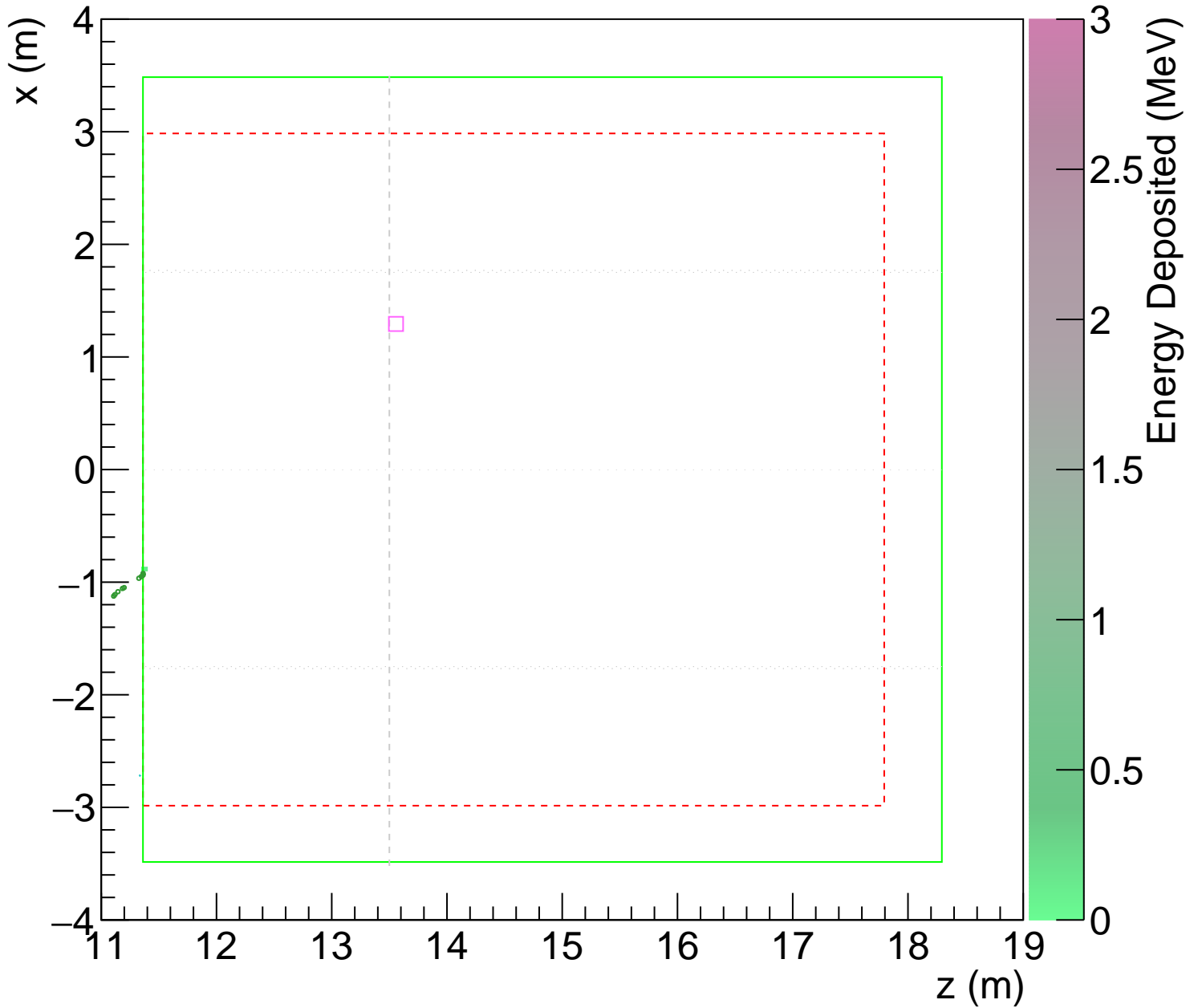
nLines: 0, nClusters: 0



Event 36, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.90$  GeV,  $E_{\mu}^{\text{true}}=2.11$  GeV  
nu:14,tgt:1000010010,N:2212,proc:Weak[CC],RES,res:0,

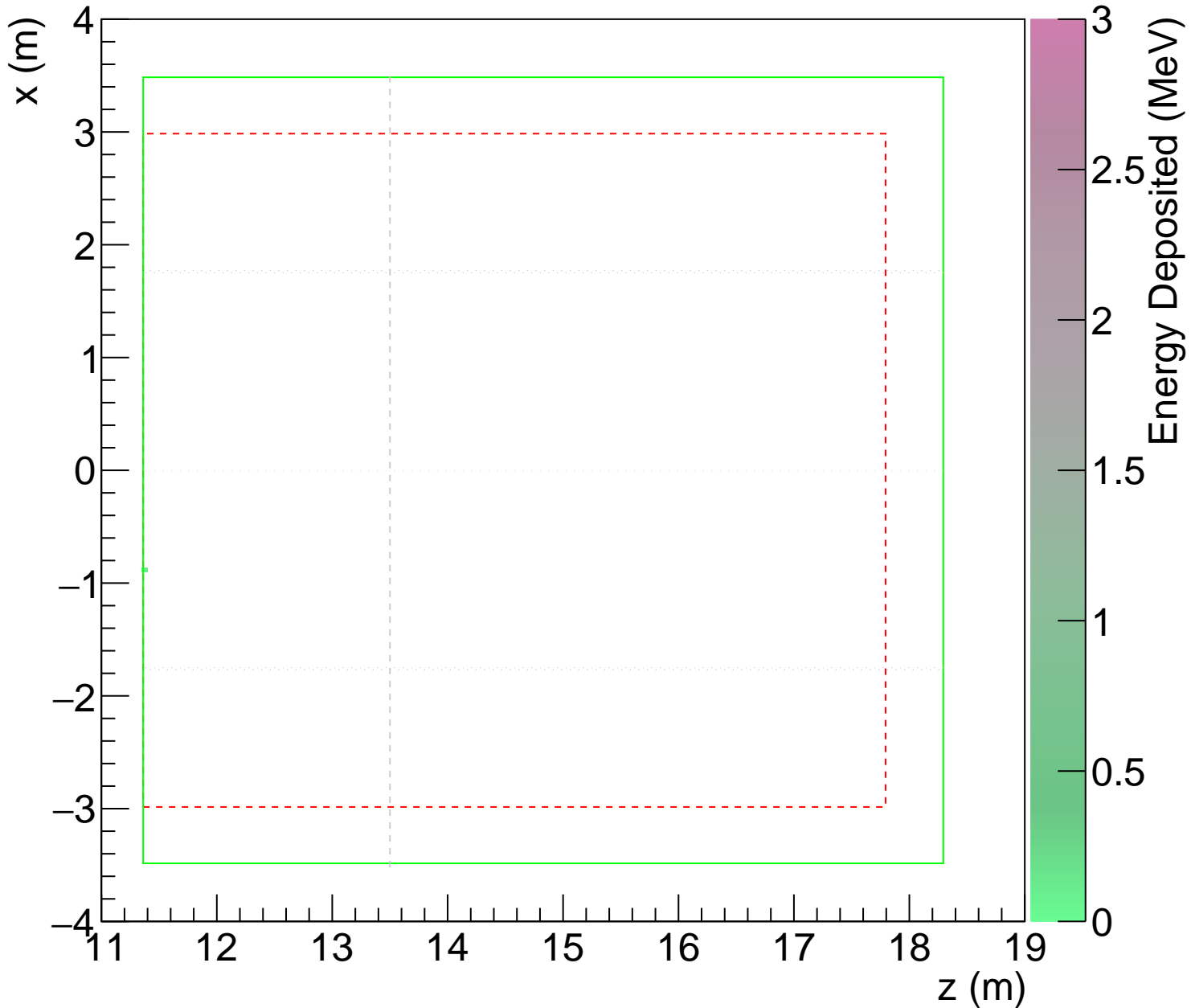


Event 36, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.90$  GeV,  $E_{\mu}^{\text{true}}=2.11$  GeV  
nu:14,tgt:1000010010,N:2212,proc:Weak[CC],RES,res:0,



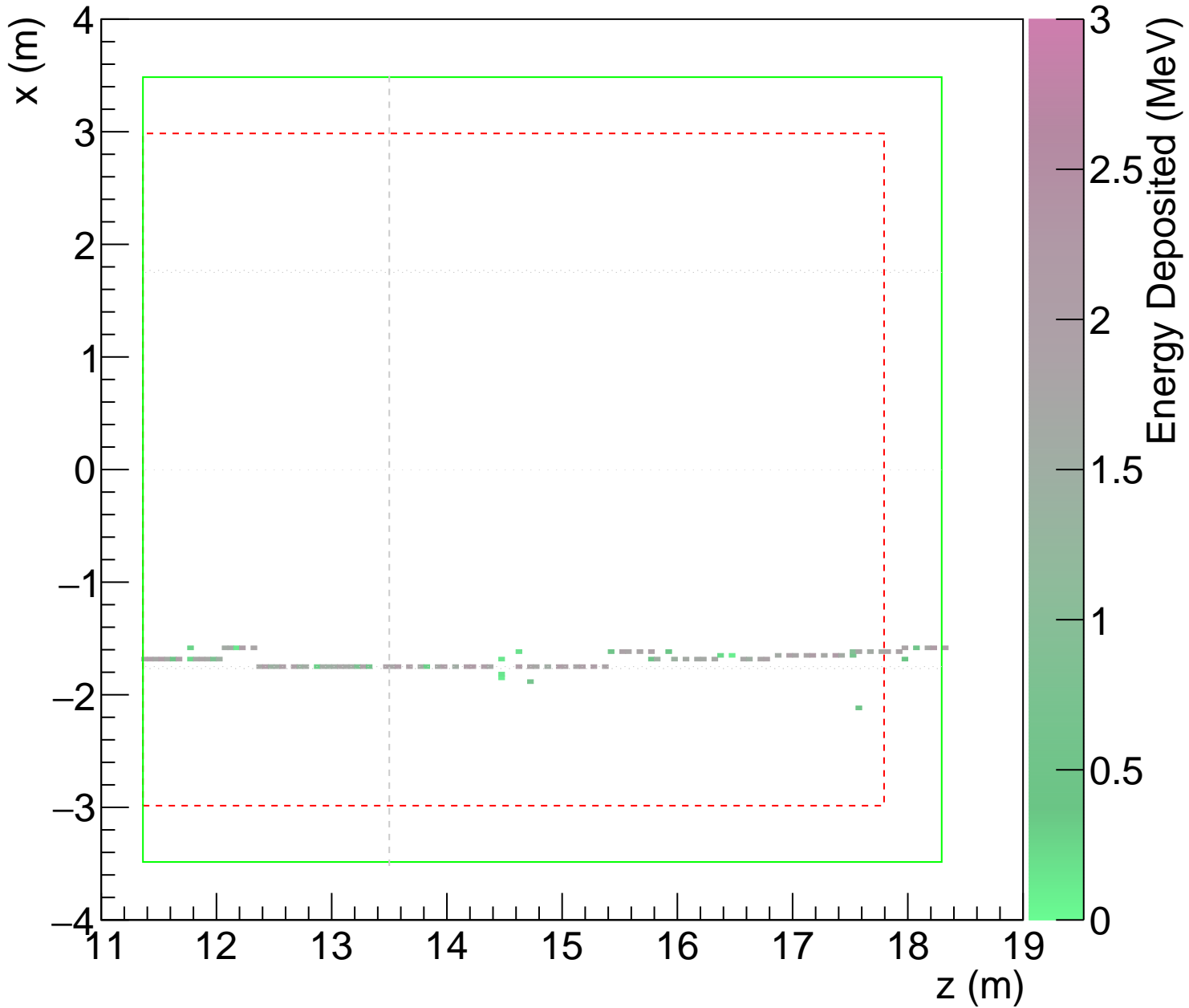
# Event 36 reconstructed

nLines: 0, nClusters: 0

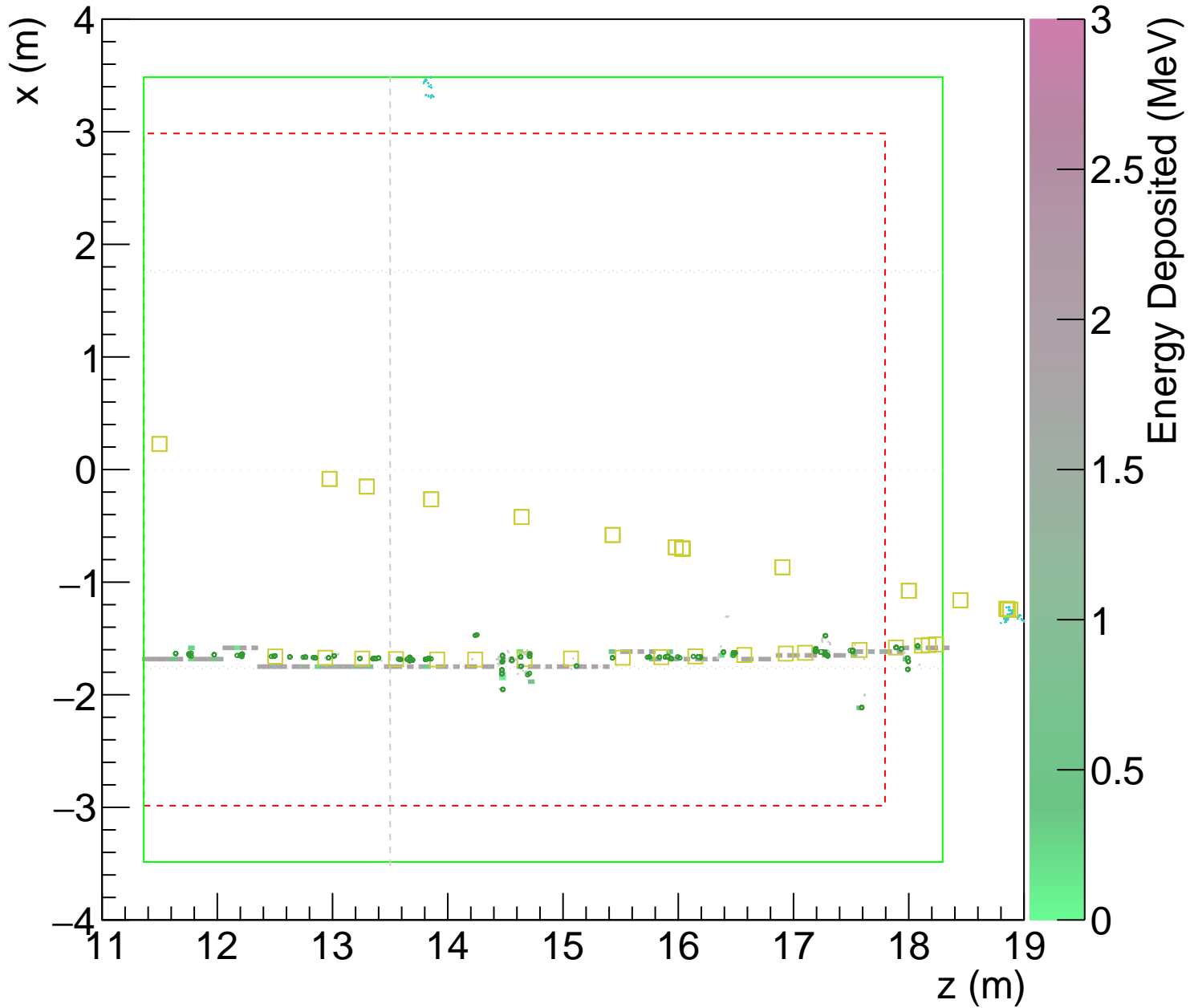




Event 38, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=11.66$  GeV,  $E_{\mu}^{\text{true}}=11.27$  GeV  
nu:-14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

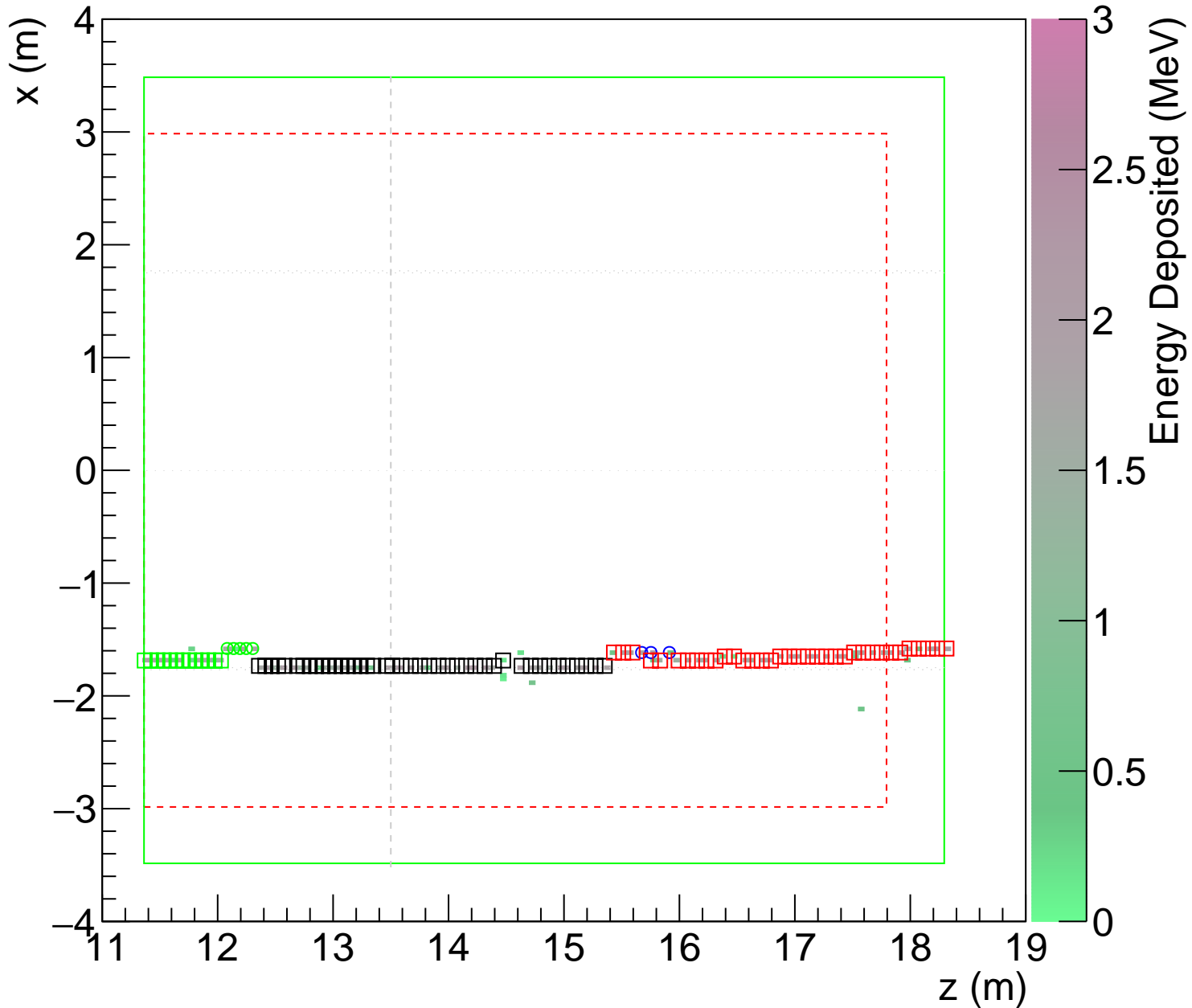


Event 38, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=11.66$  GeV,  $E_{\mu}^{\text{true}}=11.27$  GeV  
nu:-14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

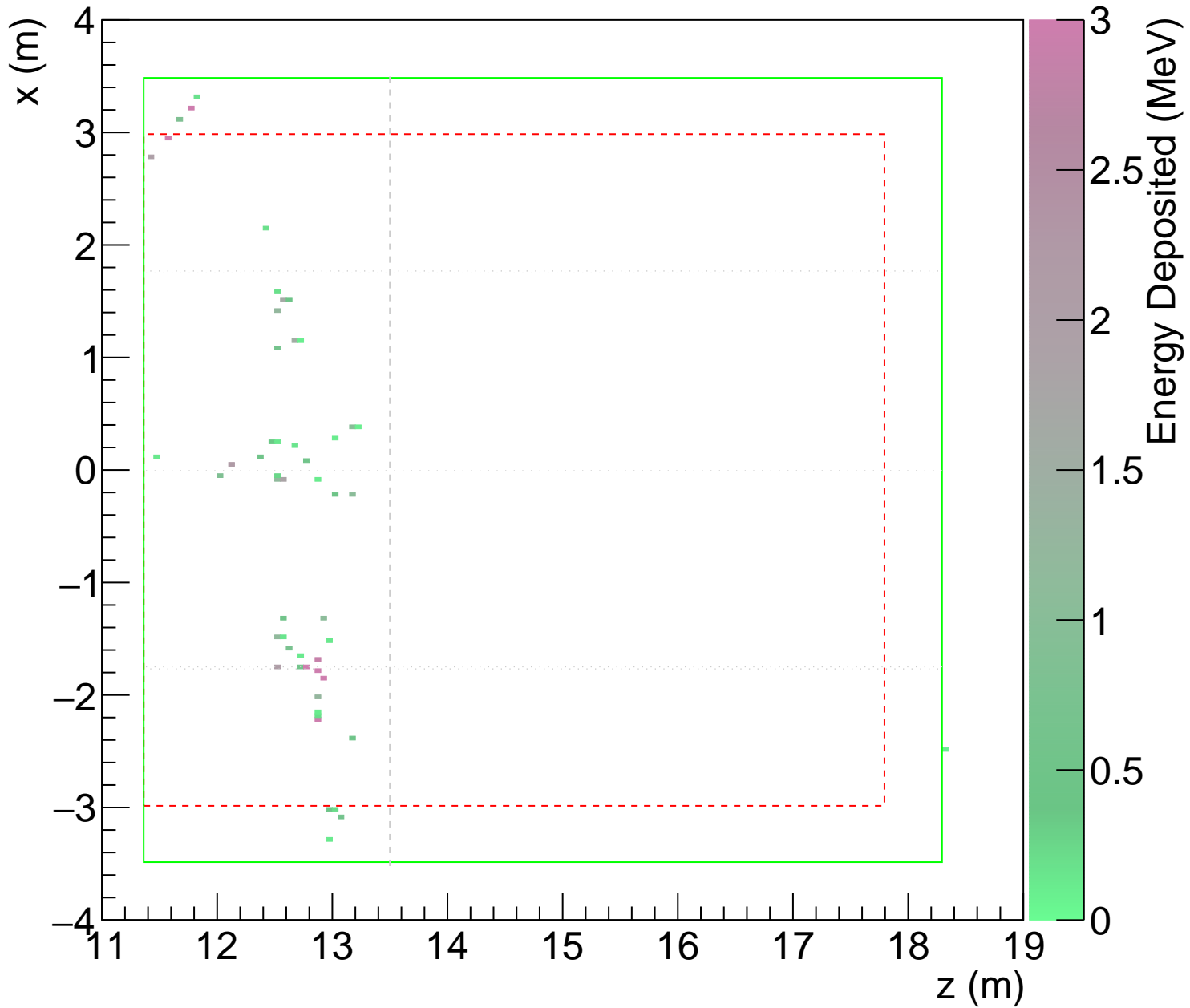


# Event 38 reconstructed

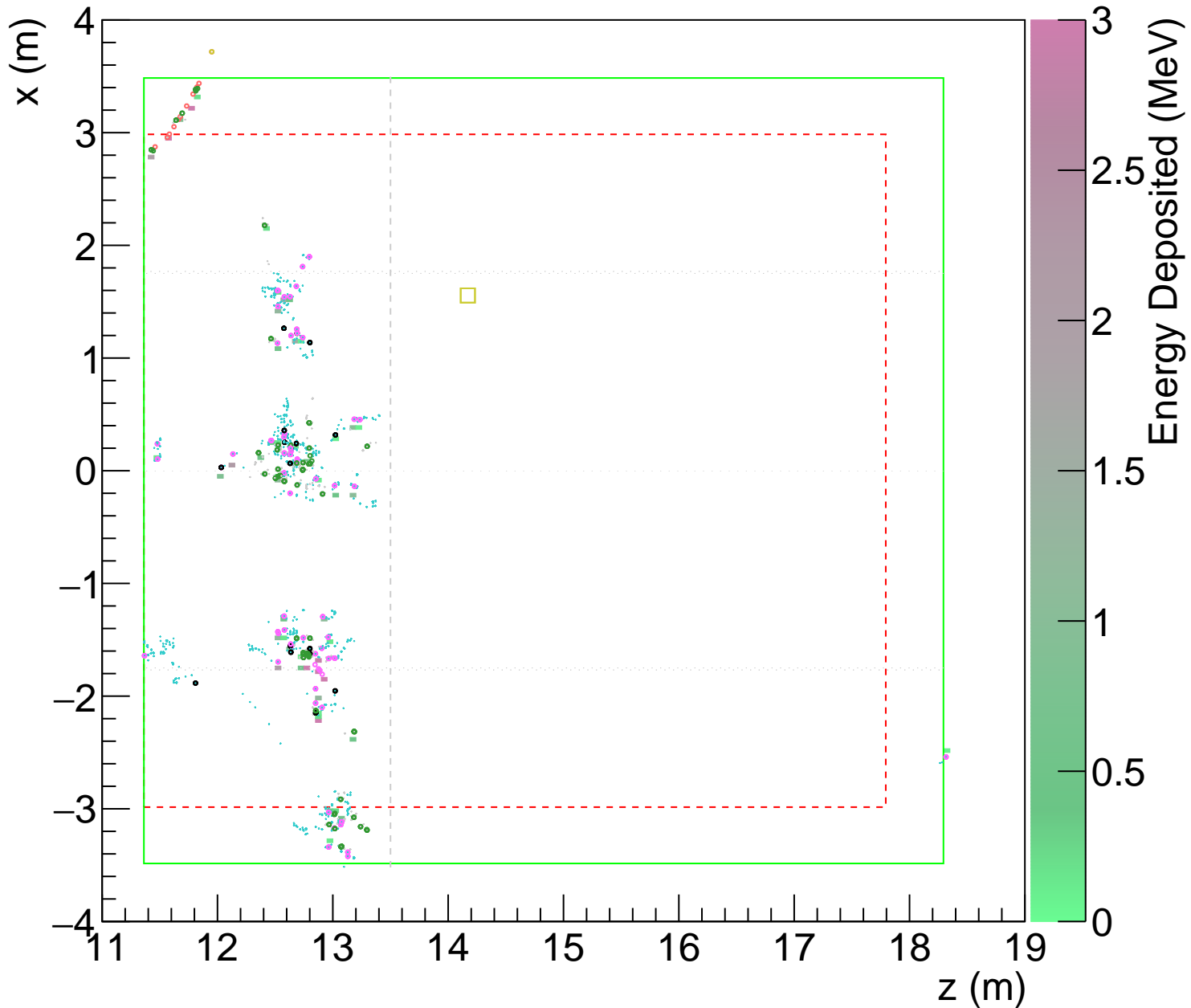
nLines: 3, nClusters: 2



Event 40, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.00$  GeV,  $E_{\mu}^{\text{true}}=1.47$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

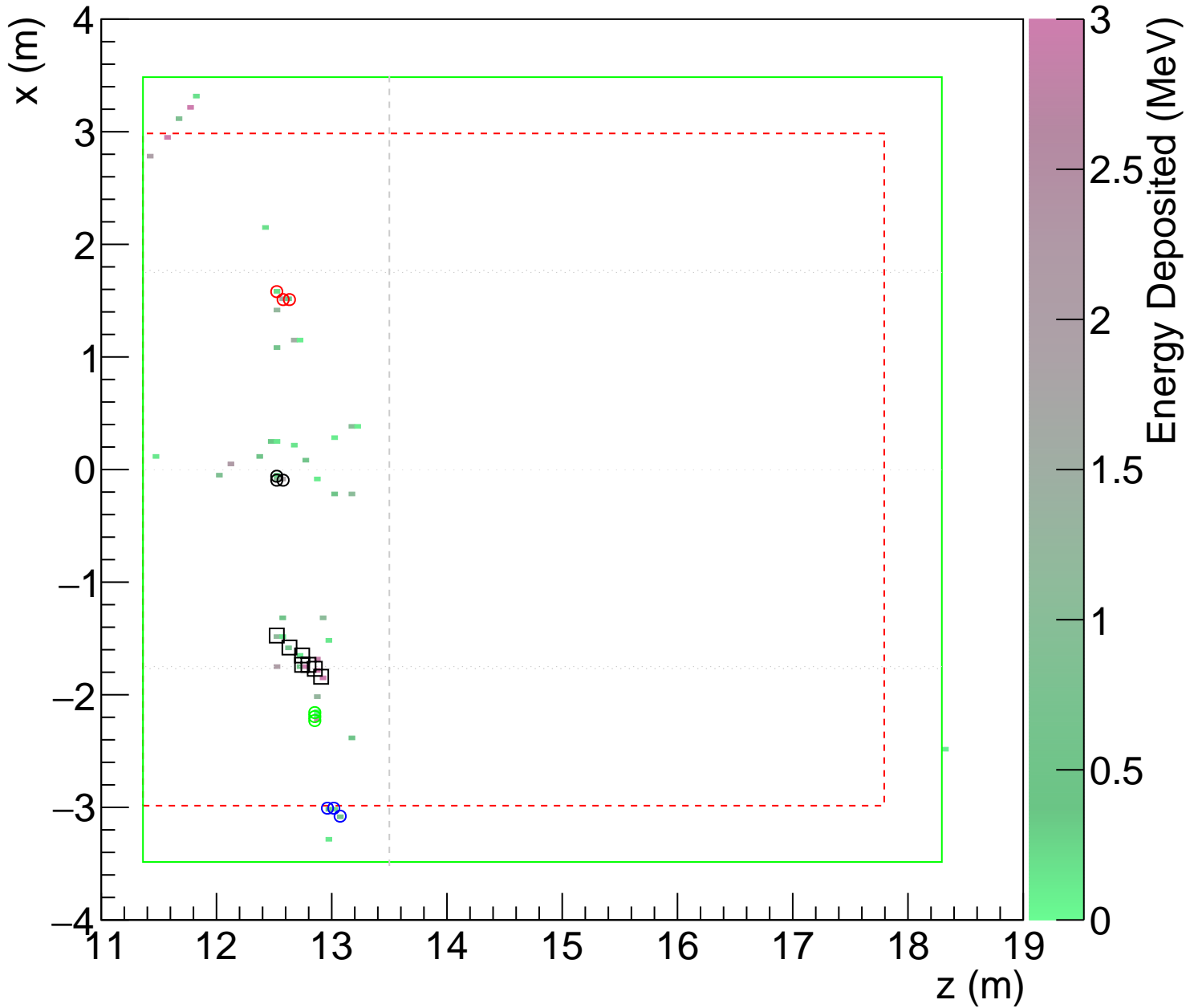


Event 40, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.00$  GeV,  $E_{\mu}^{\text{true}}=1.47$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

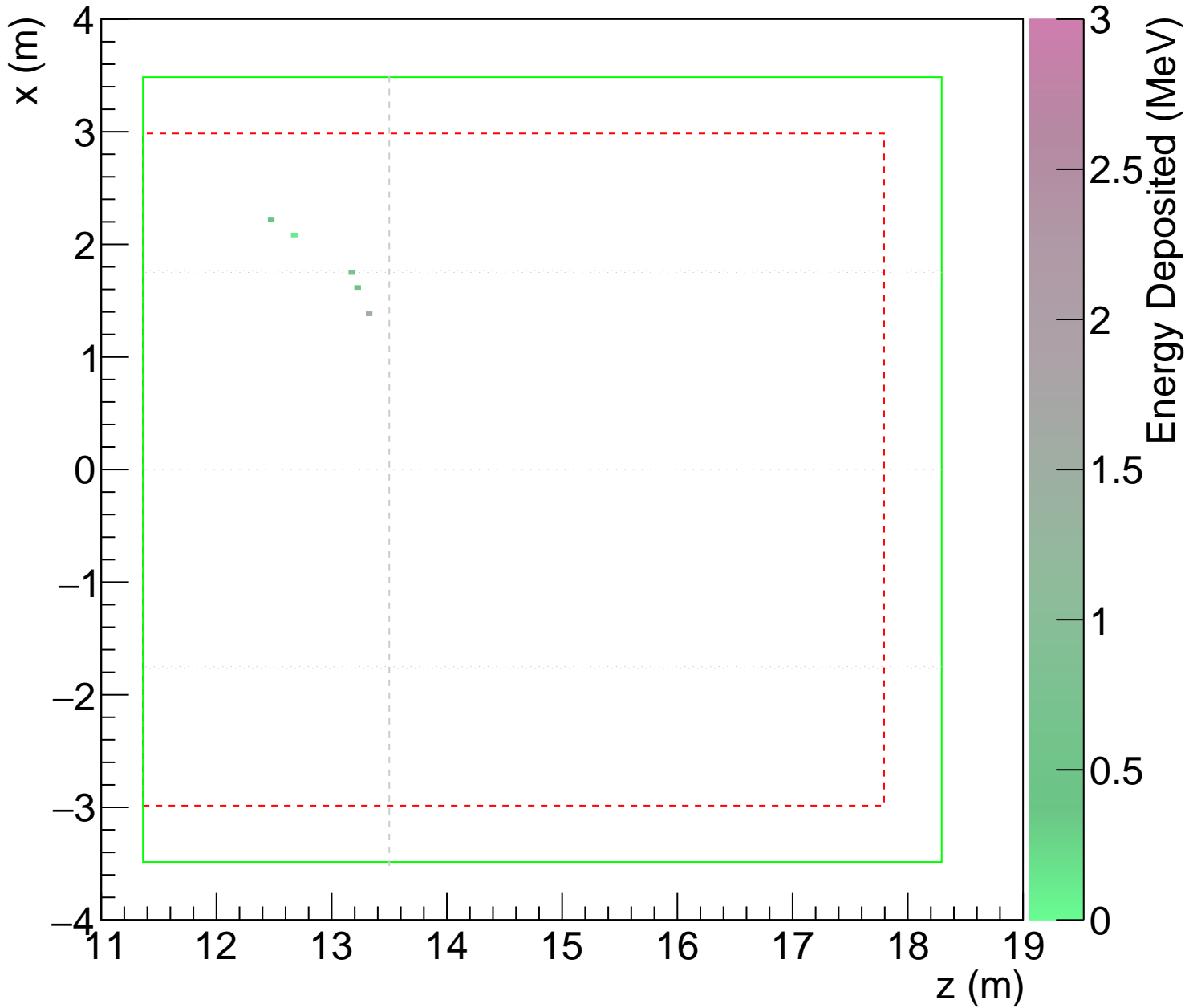


# Event 40 reconstructed

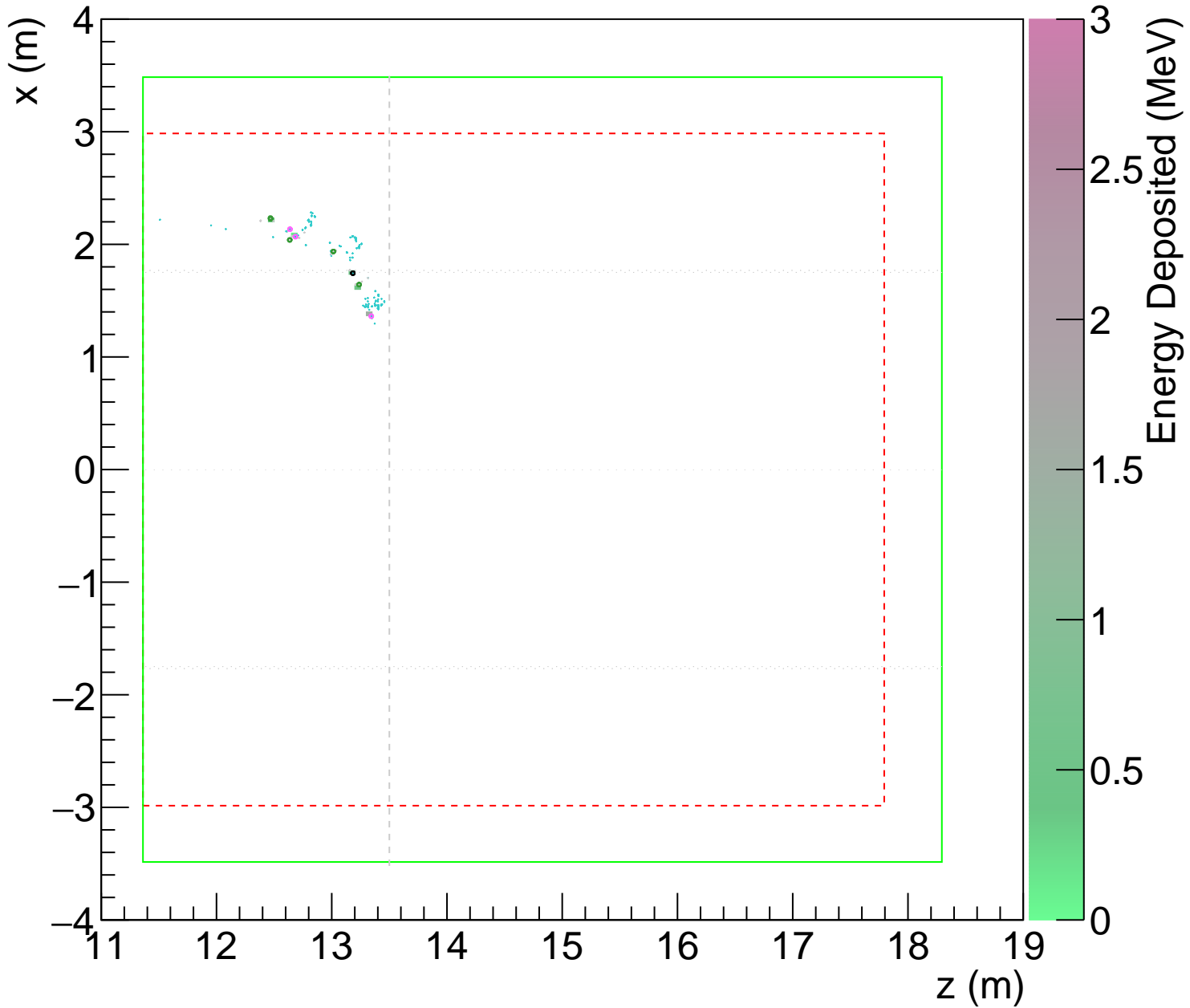
nLines: 1, nClusters: 4



Event 43, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.69$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:8,



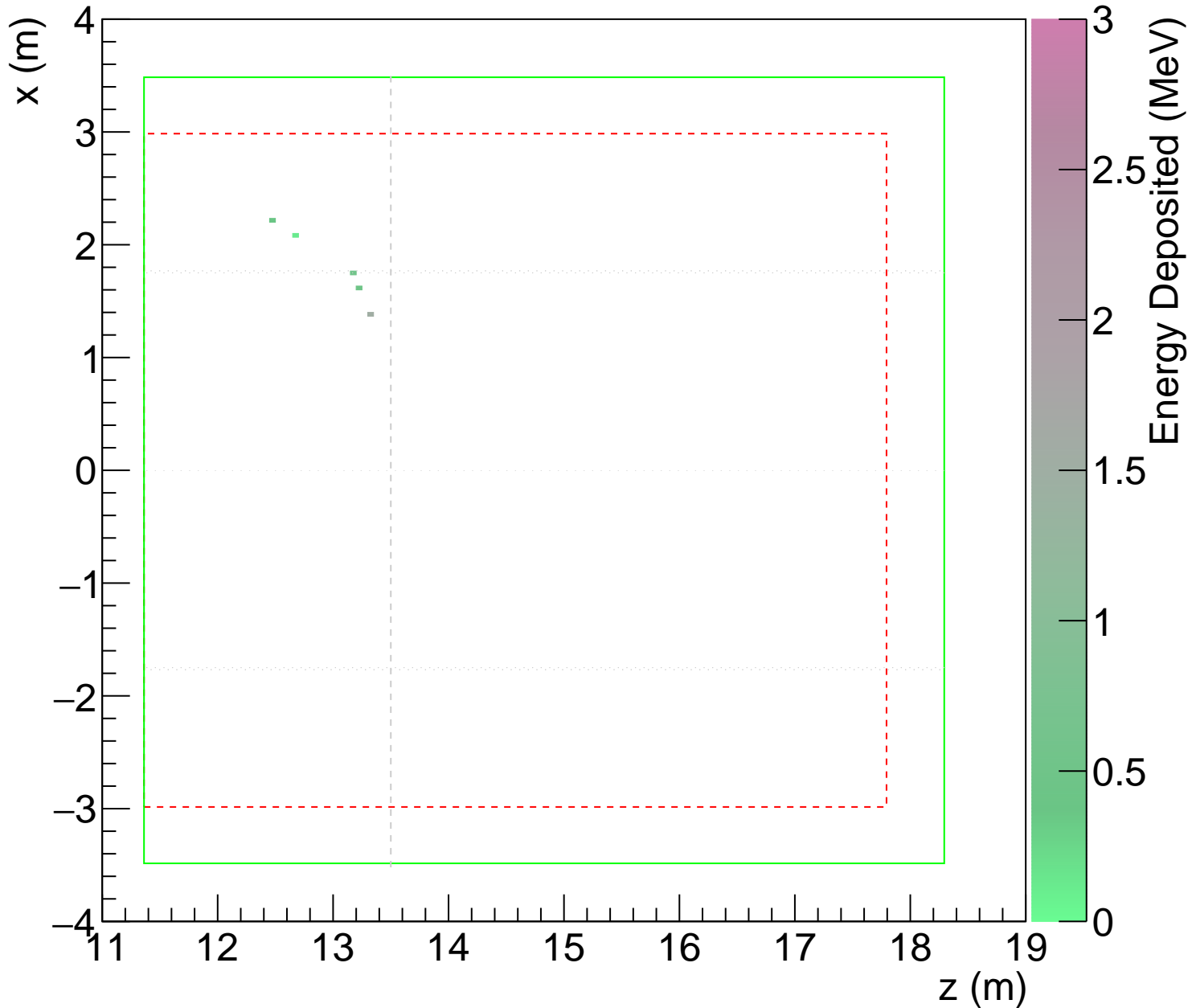
Event 43, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.69$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:8,



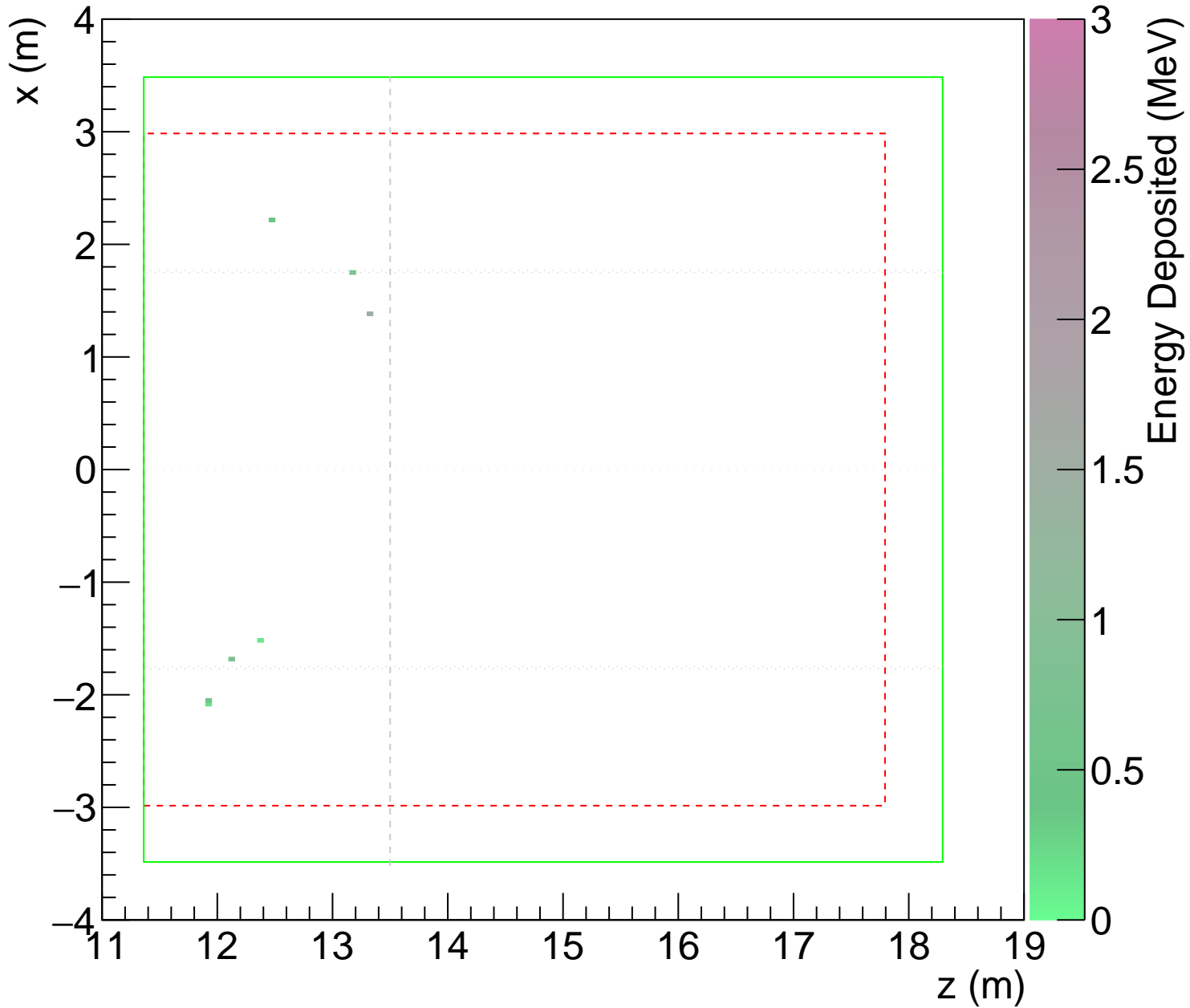


# Event 43 reconstructed

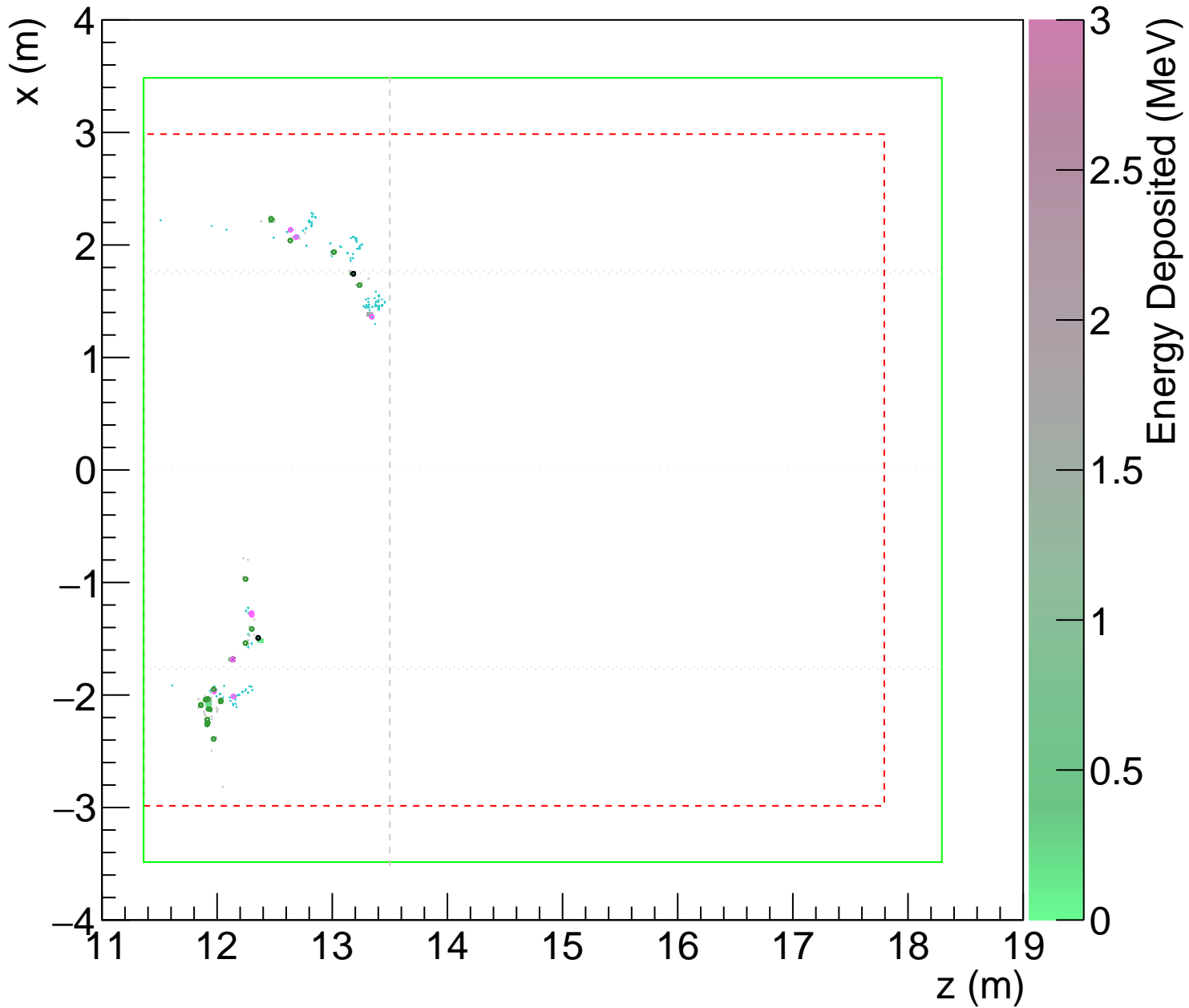
nLines: 0, nClusters: 0



Event 44, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=4.94$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:-14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

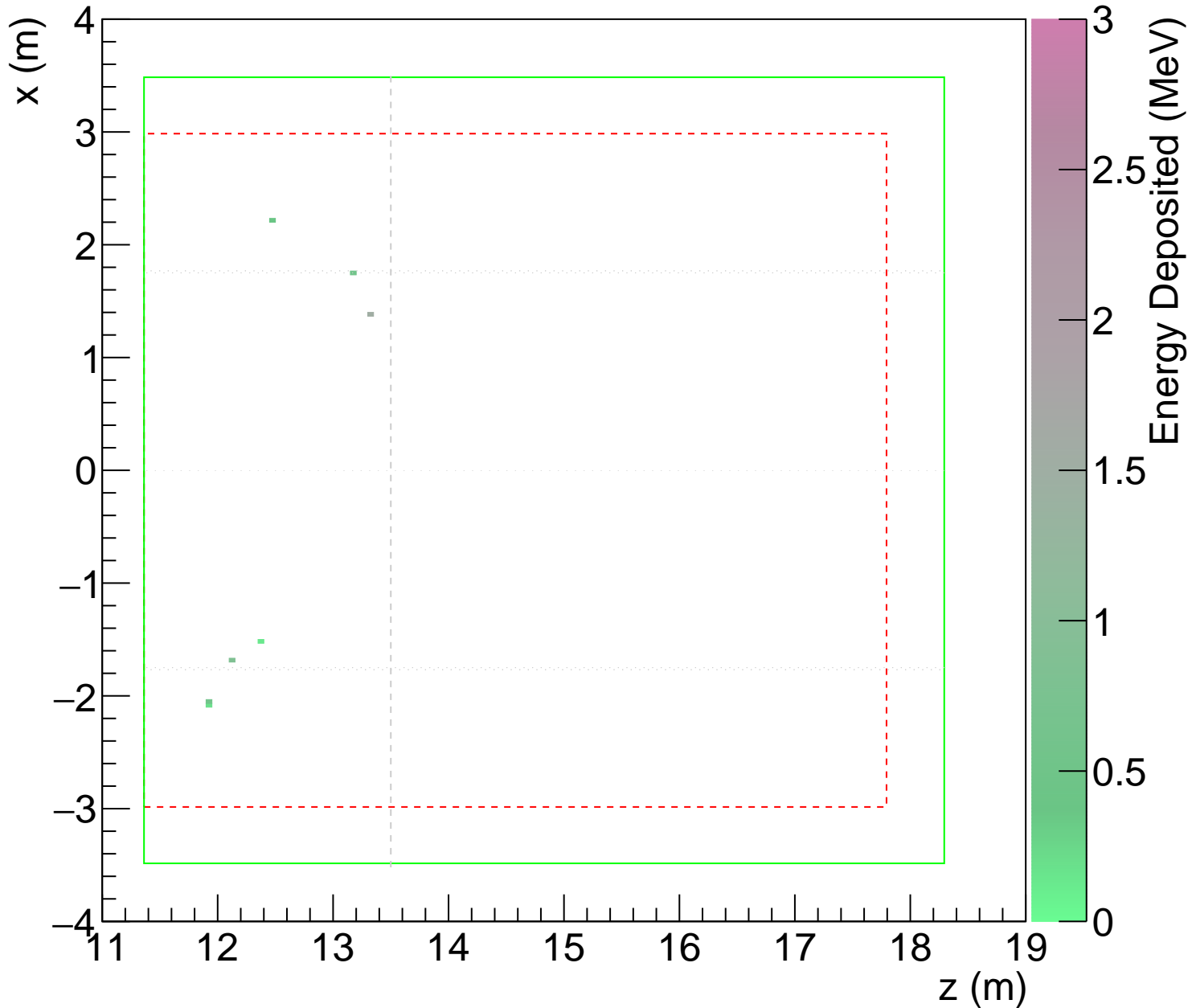


Event 44, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=4.94$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:-14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

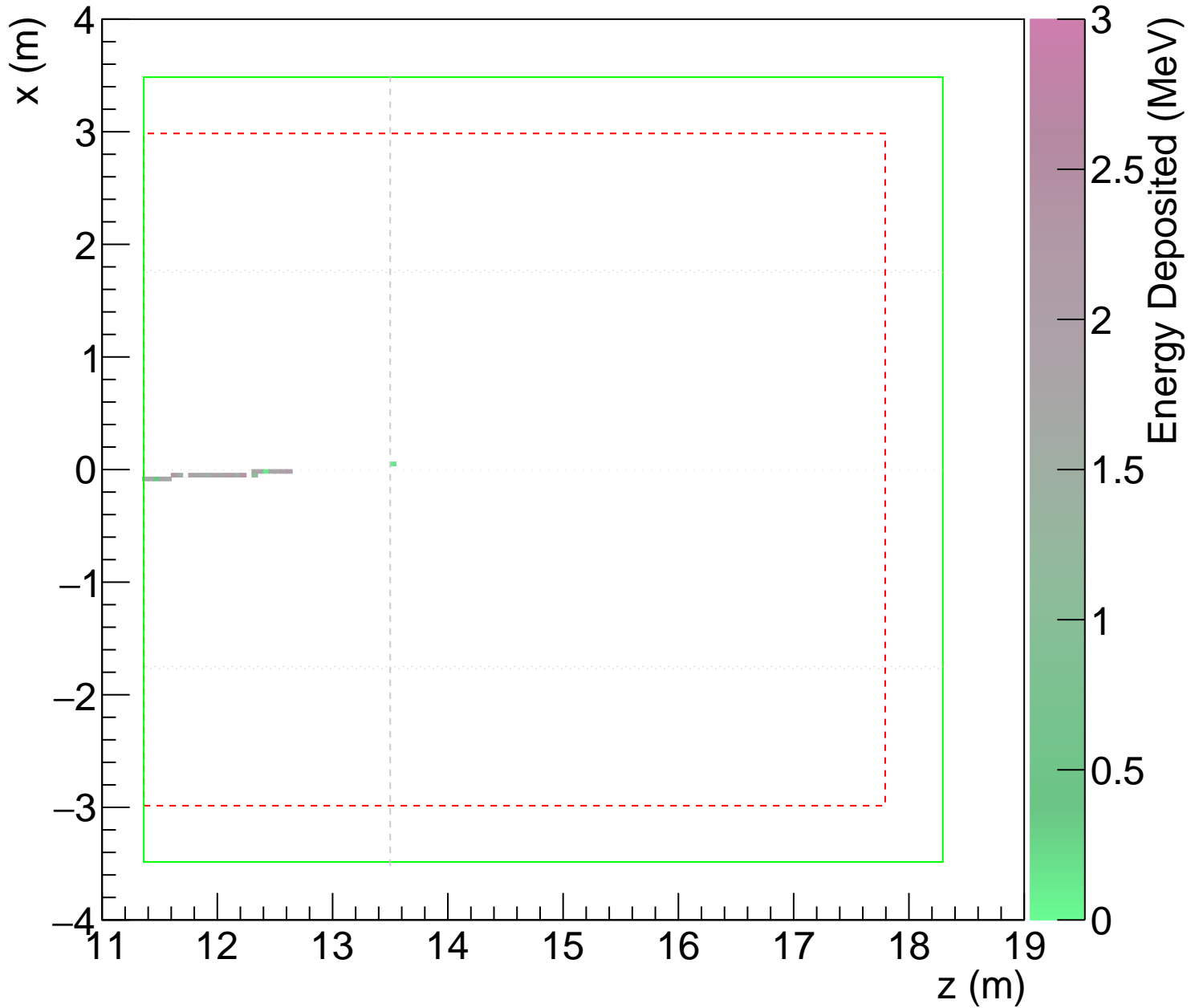


# Event 44 reconstructed

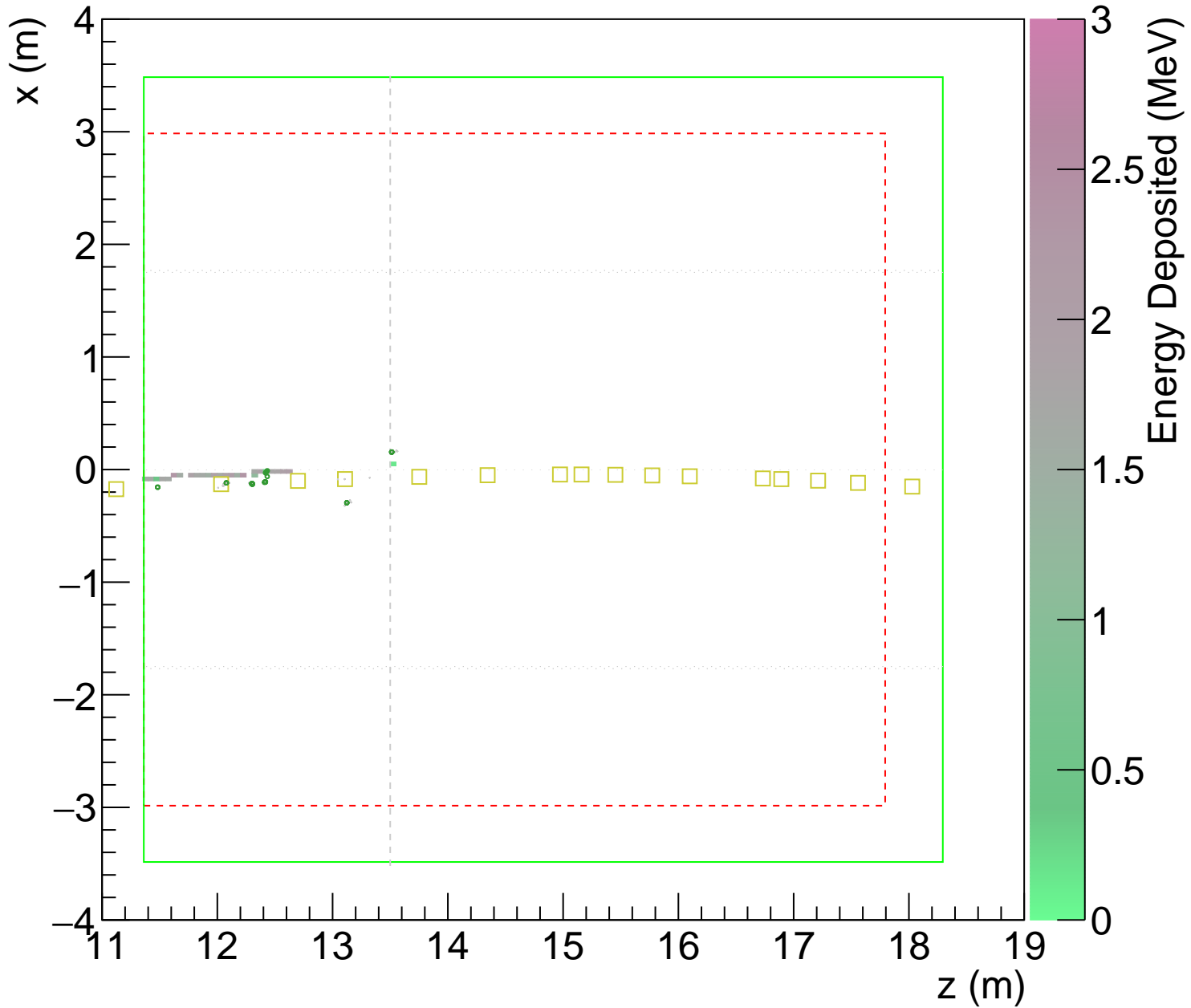
nLines: 0, nClusters: 0



Event 46, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.53$  GeV,  $E_{\mu}^{\text{true}}=11.67$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

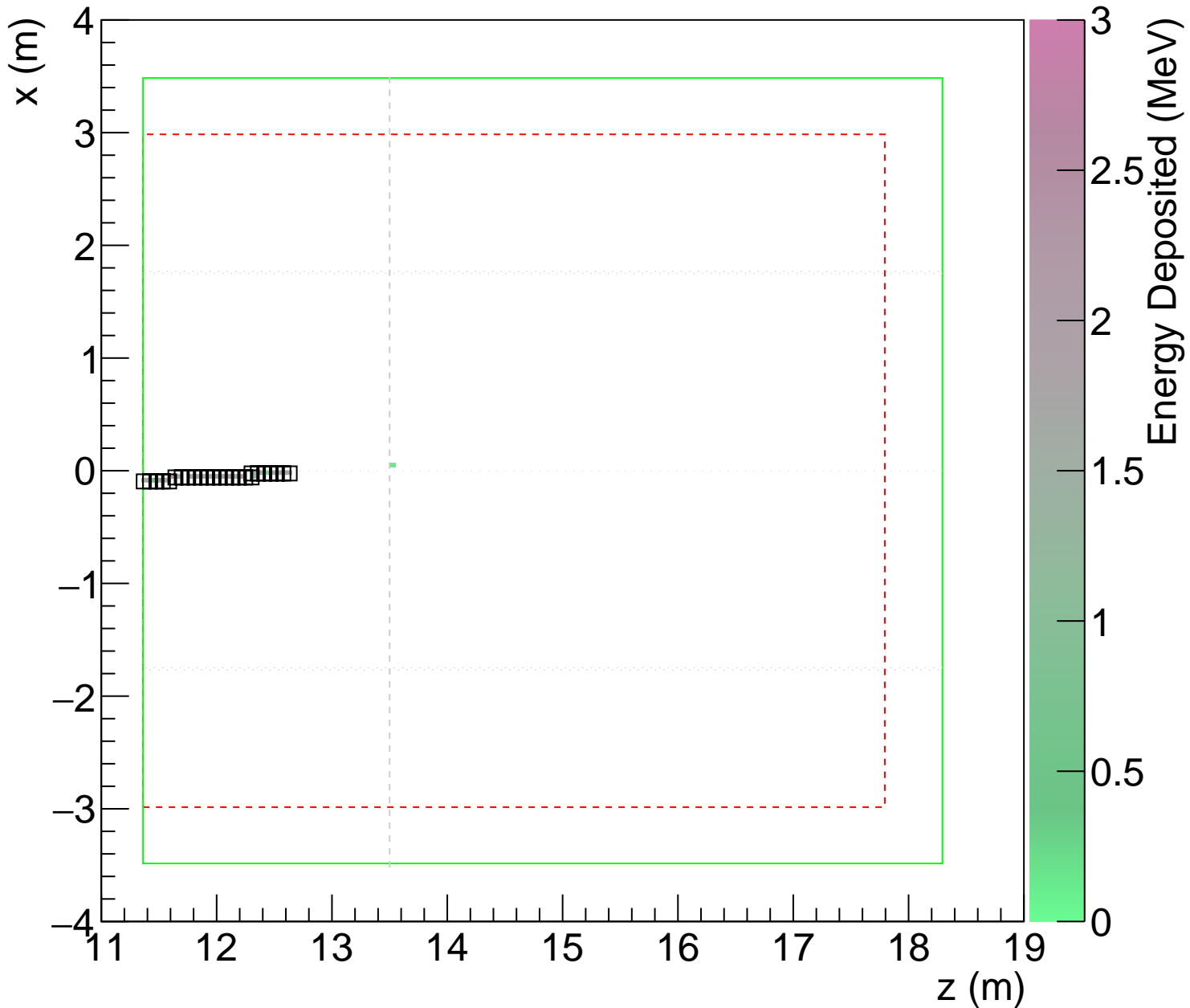


Event 46, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.53$  GeV,  $E_{\mu}^{\text{true}}=11.67$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

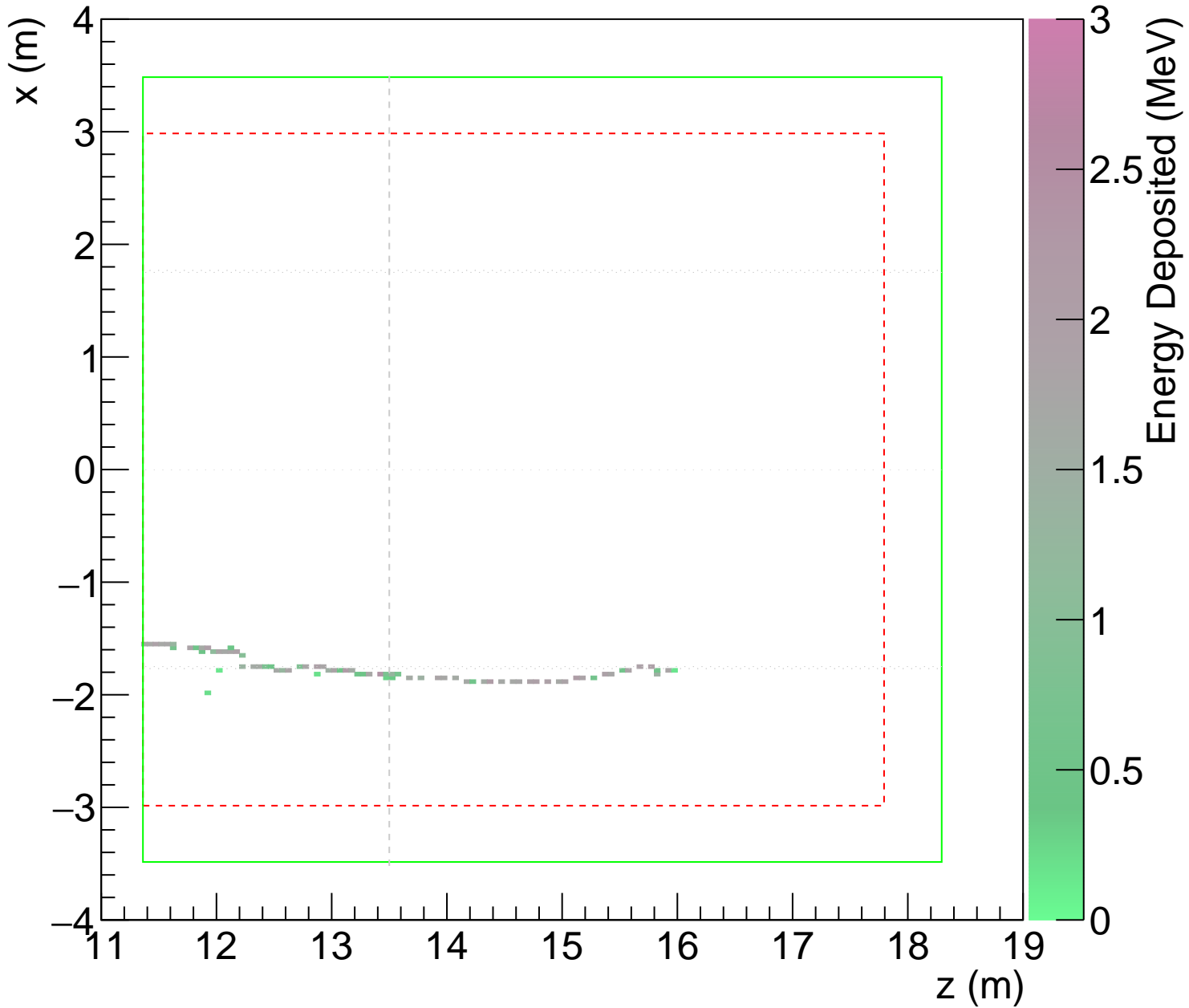


# Event 46 reconstructed

nLines: 1, nClusters: 0

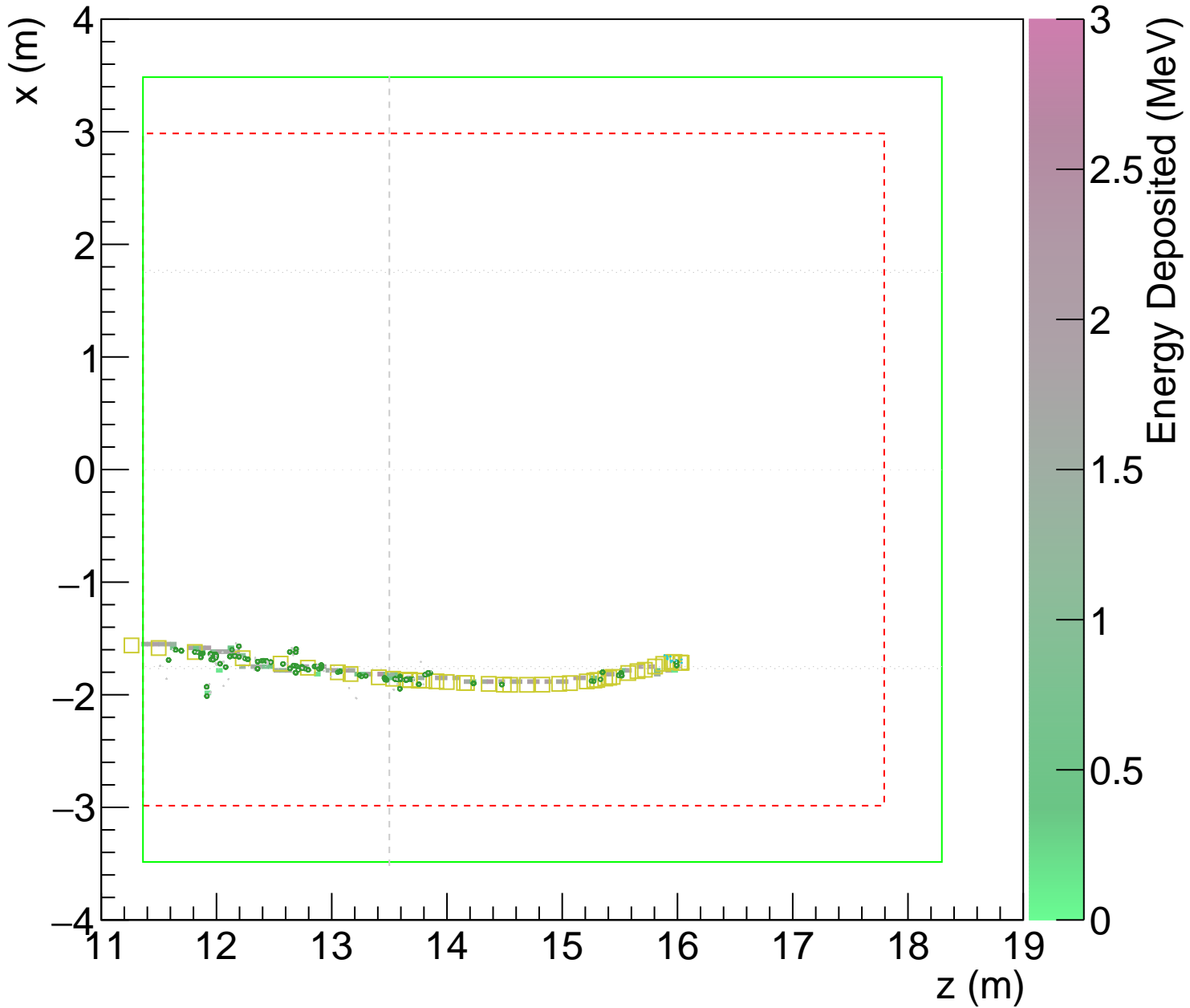


Event 48, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.02$  GeV,  $E_{\mu}^{\text{true}}=3.61$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,



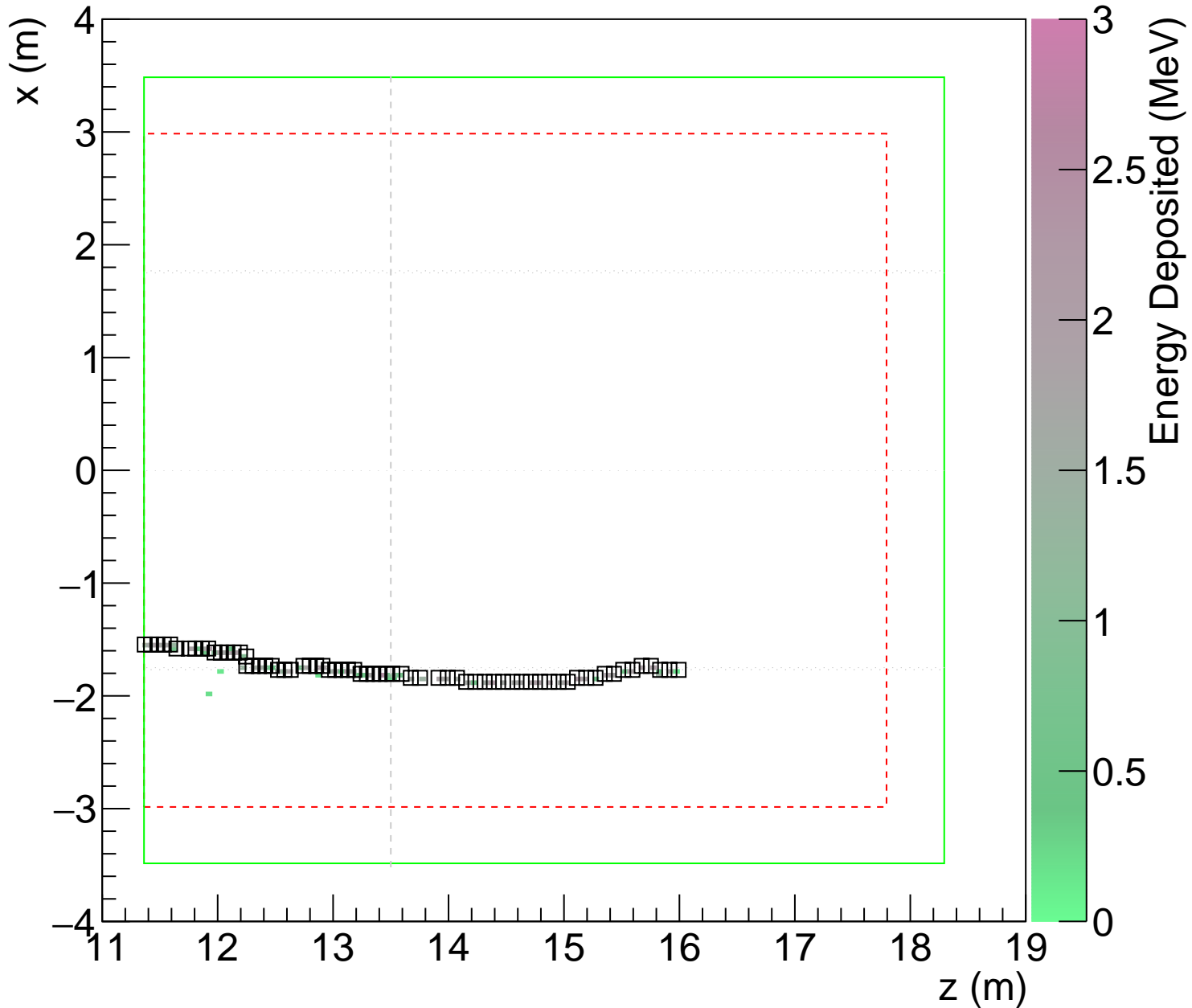


Event 48, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.02$  GeV,  $E_{\mu}^{\text{true}}=3.61$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,

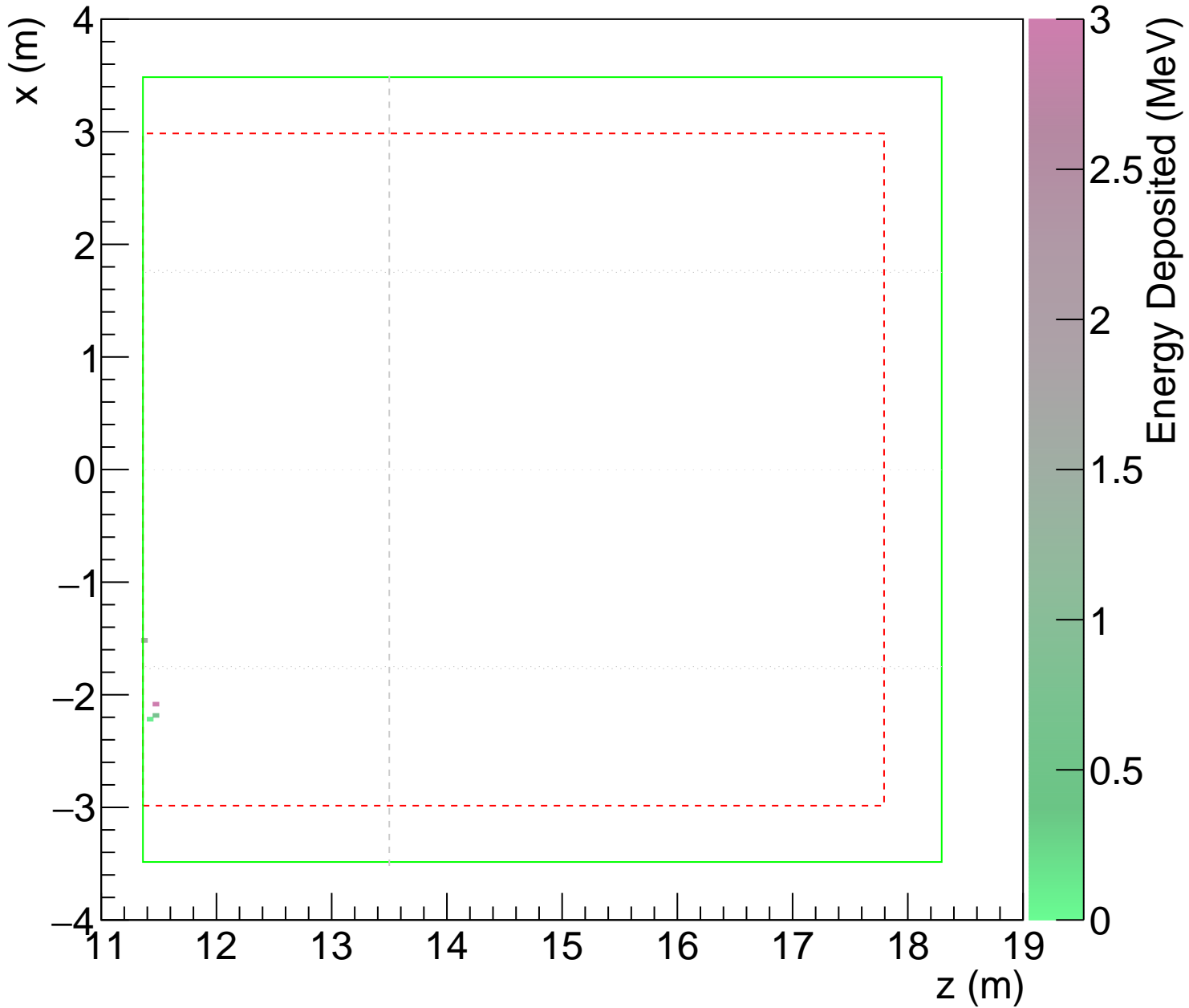


# Event 48 reconstructed

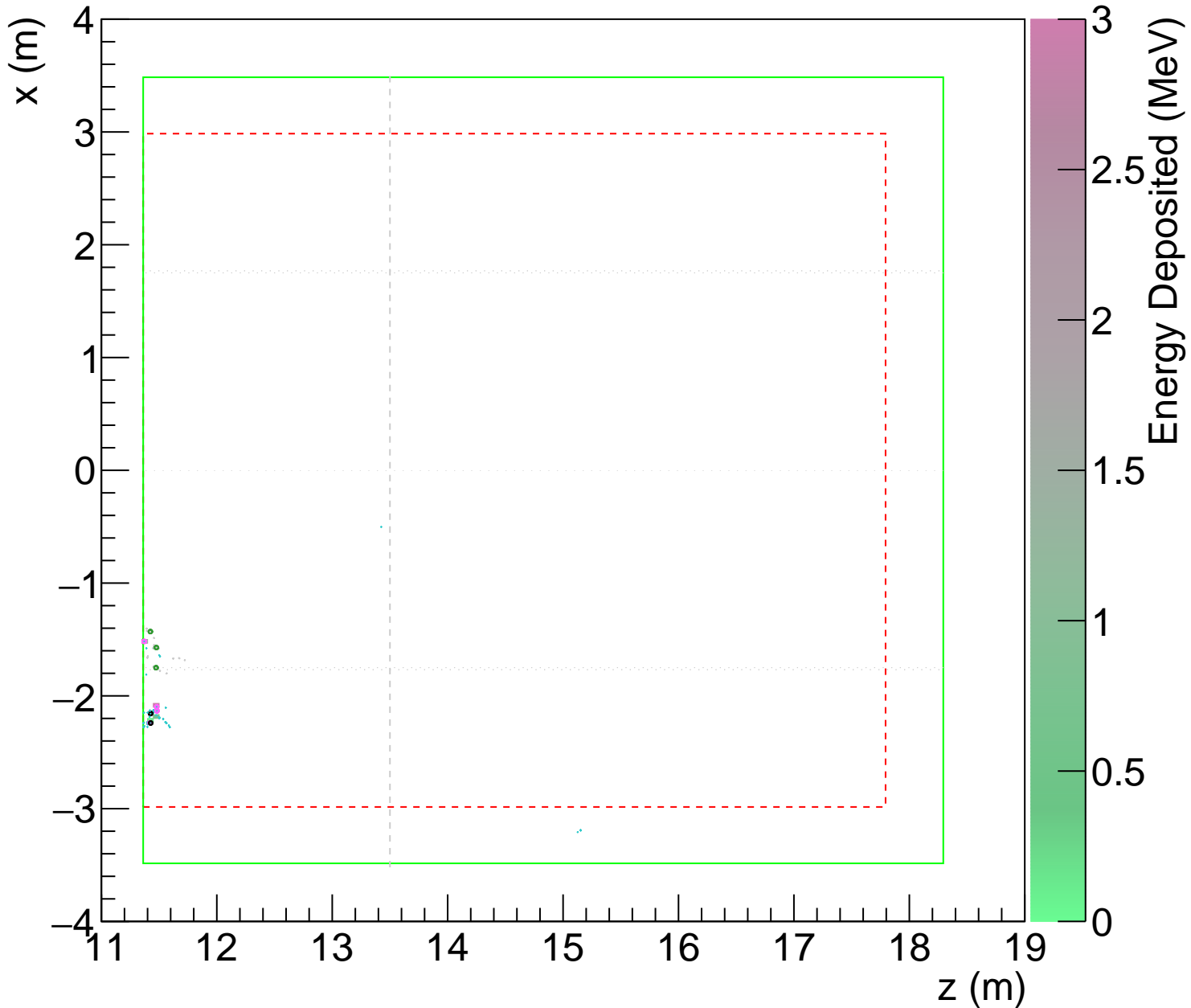
nLines: 1, nClusters: 0



Event 52, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.71$  GeV,  $E_{\mu}^{\text{true}}=0.70$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:0,

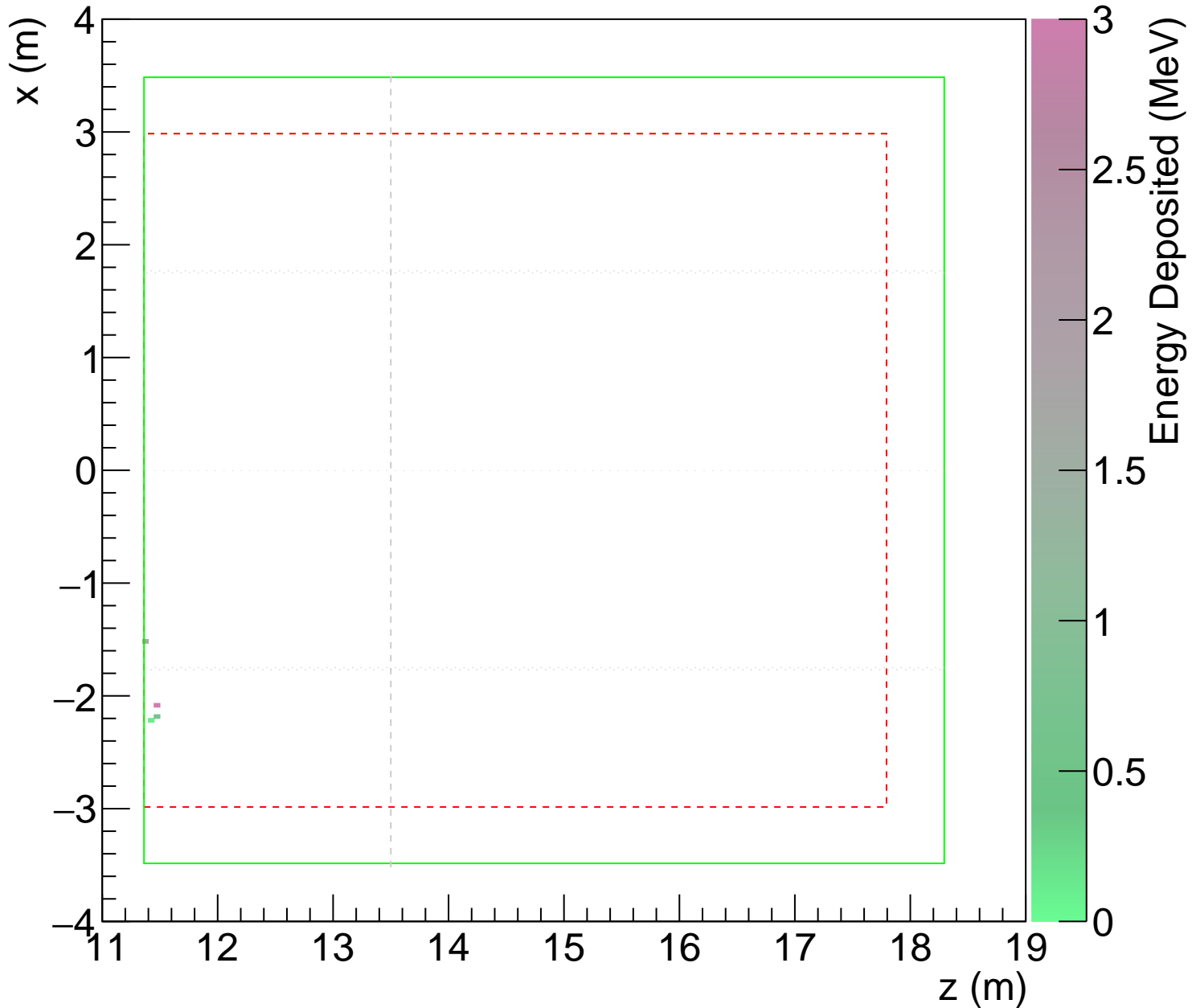


Event 52, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.71$  GeV,  $E_{\mu}^{\text{true}}=0.70$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:0,

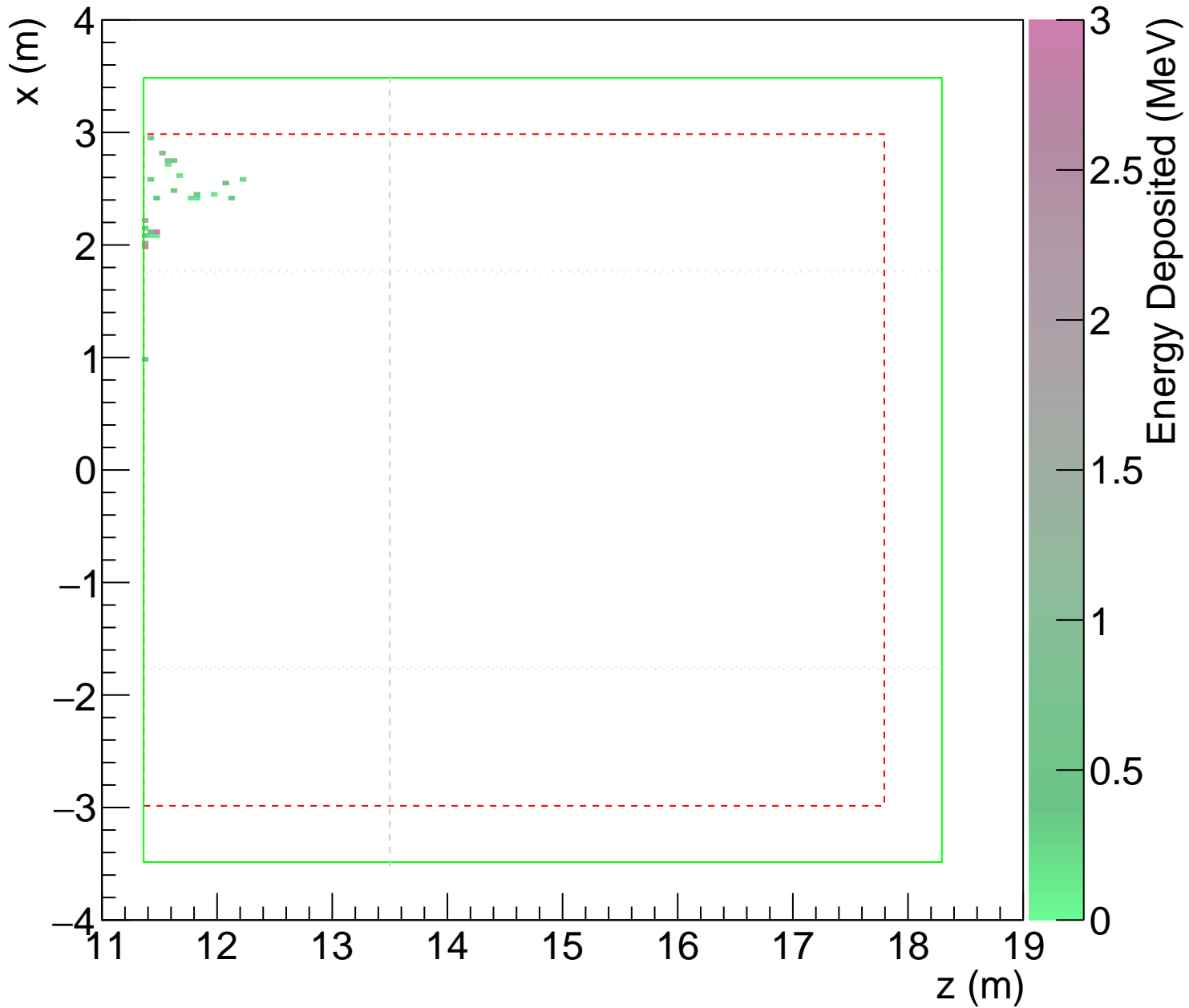


# Event 52 reconstructed

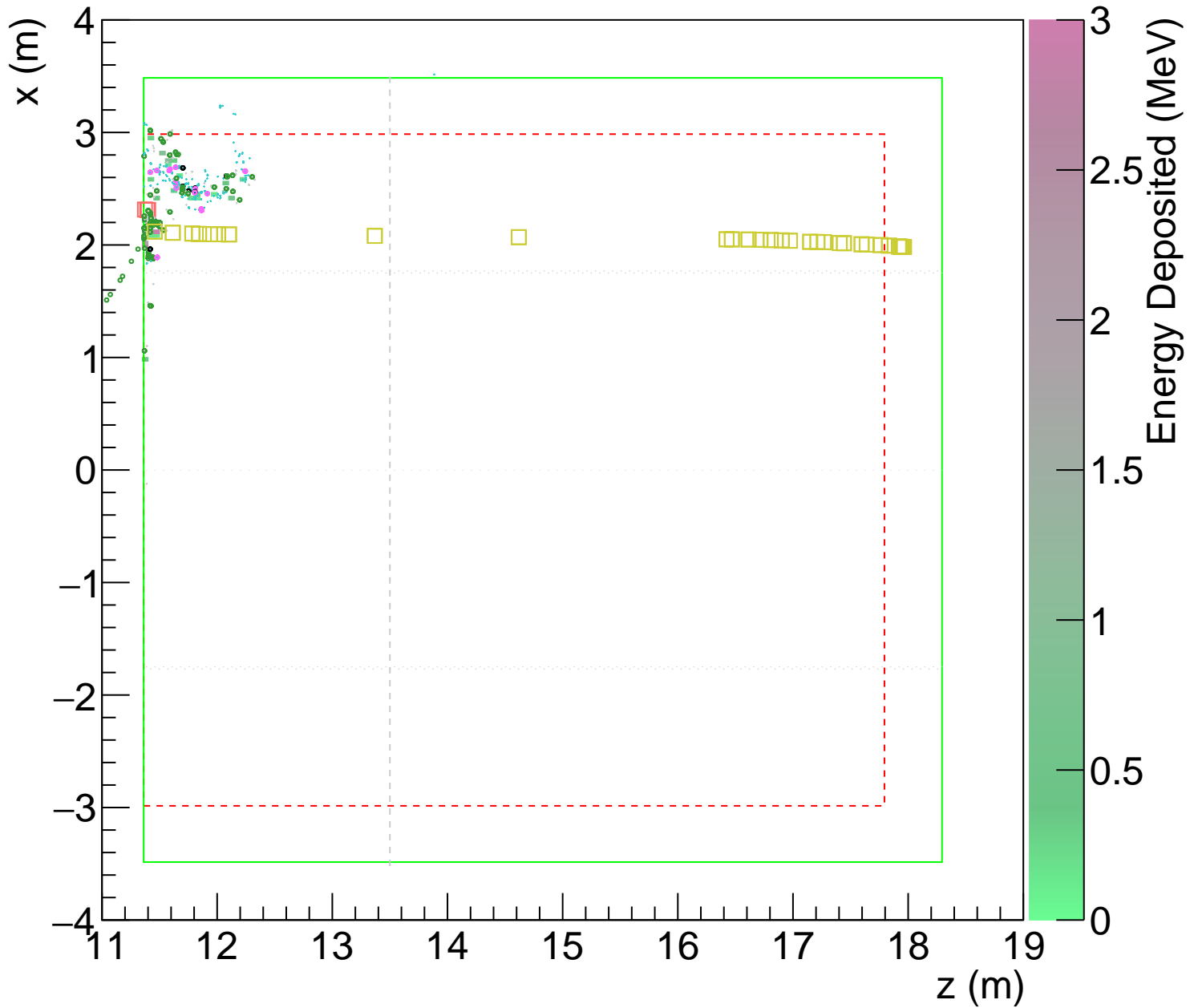
nLines: 0, nClusters: 0



Event 54, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.57$  GeV,  $E_{\mu}^{\text{true}}=2.37$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

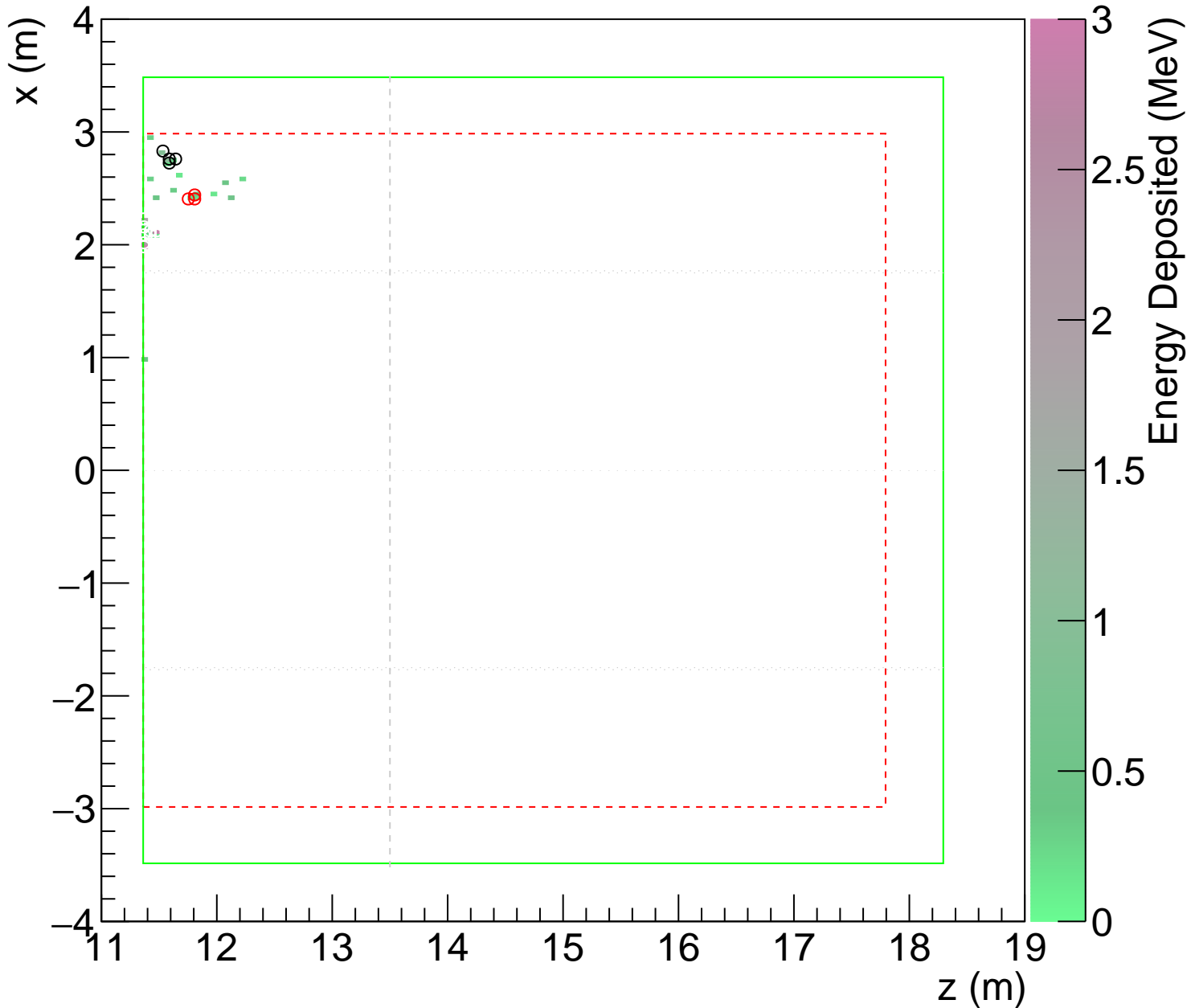


Event 54, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.57$  GeV,  $E_{\mu}^{\text{true}}=2.37$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,



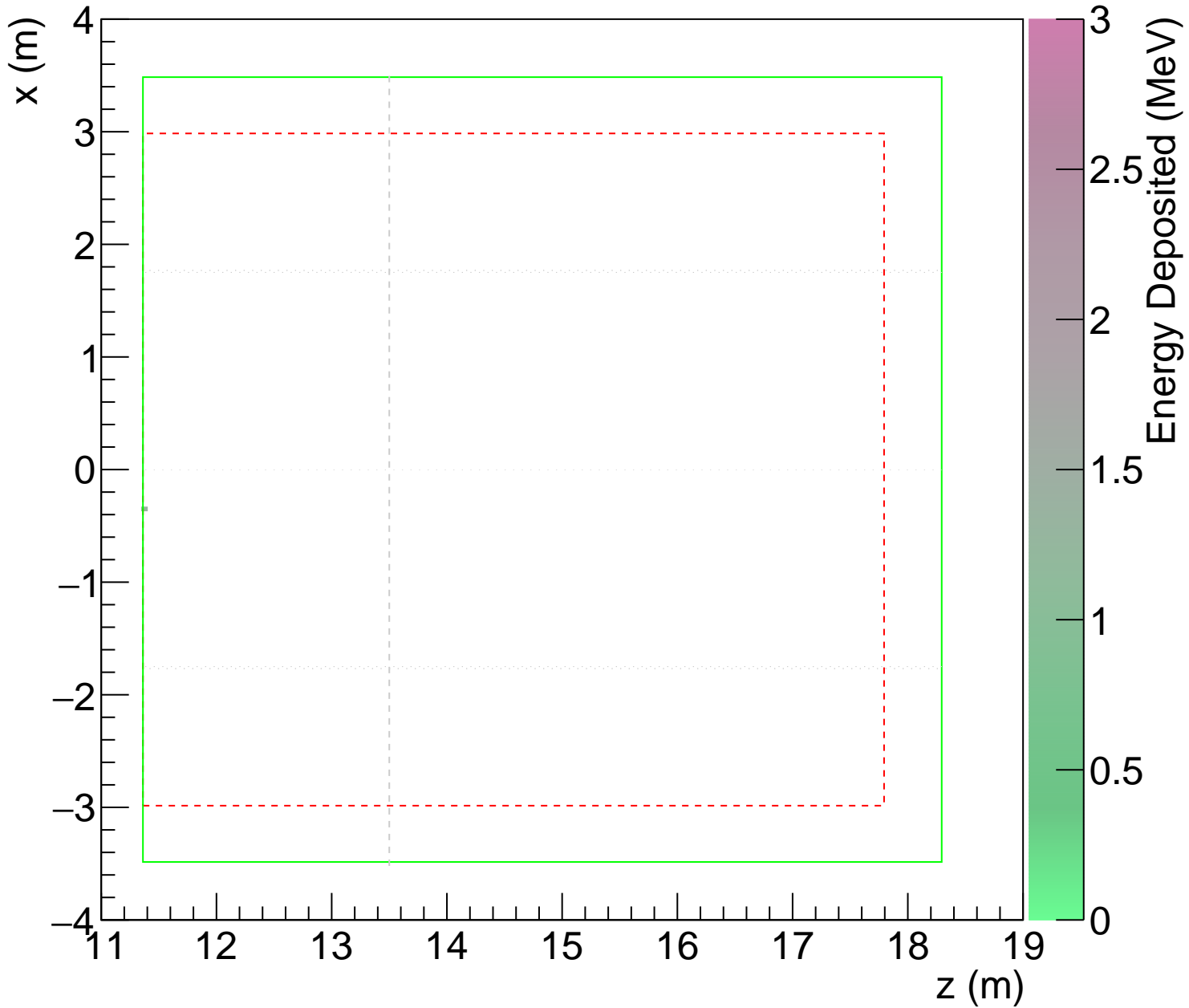
# Event 54 reconstructed

nLines: 0, nClusters: 3

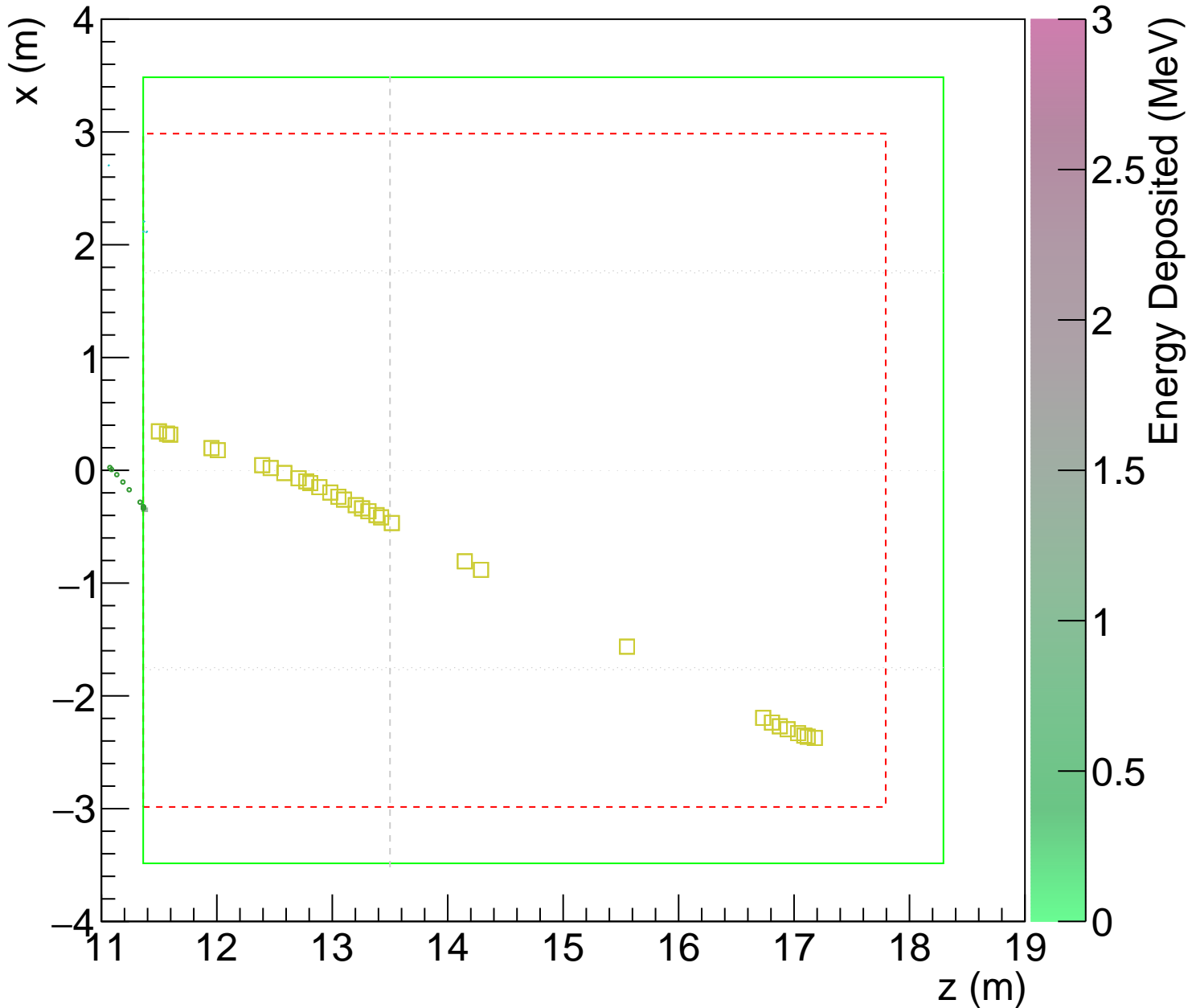




Event 58, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.51$  GeV,  $E_{\mu}^{\text{true}}=1.75$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

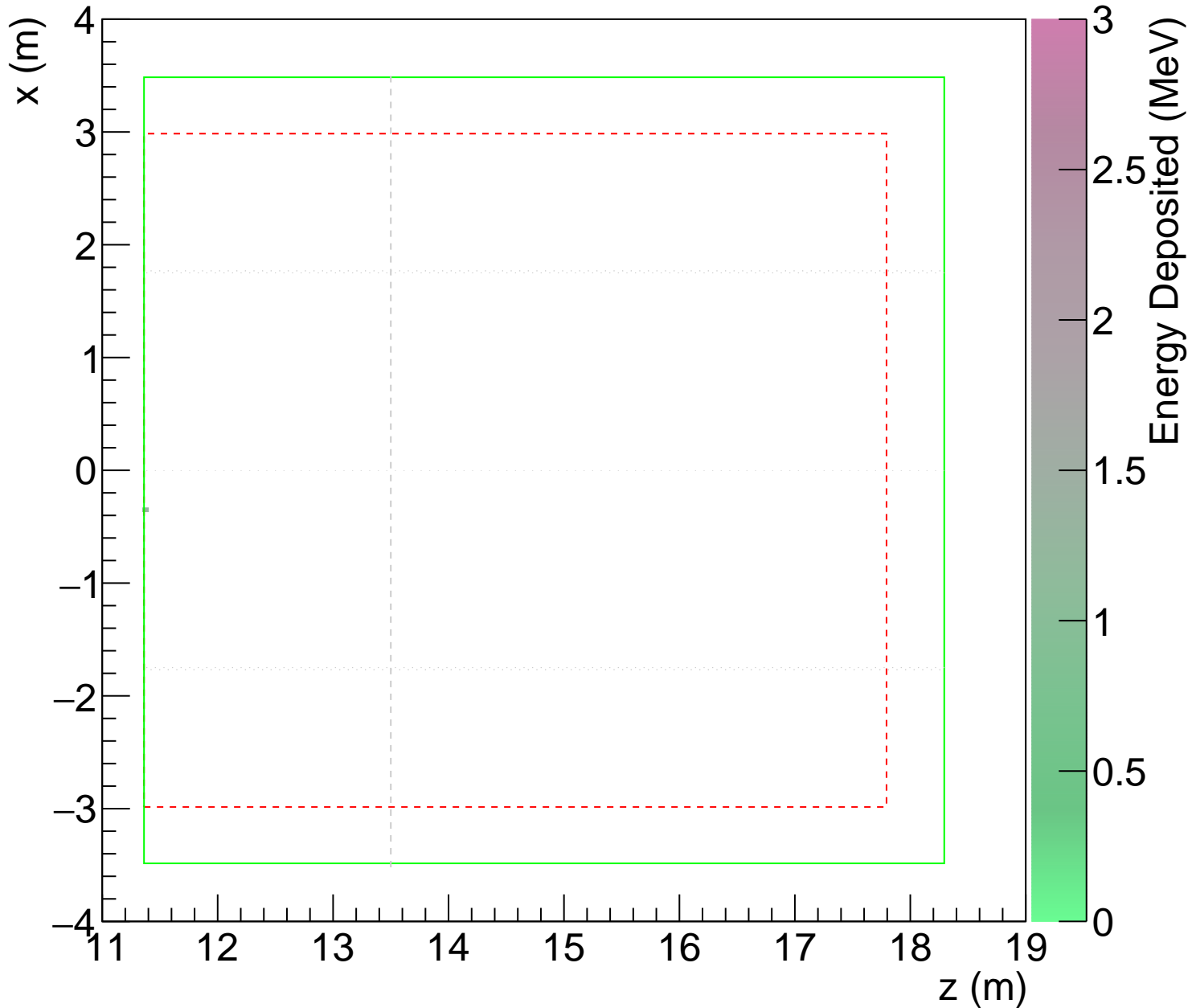


Event 58, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.51$  GeV,  $E_{\mu}^{\text{true}}=1.75$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

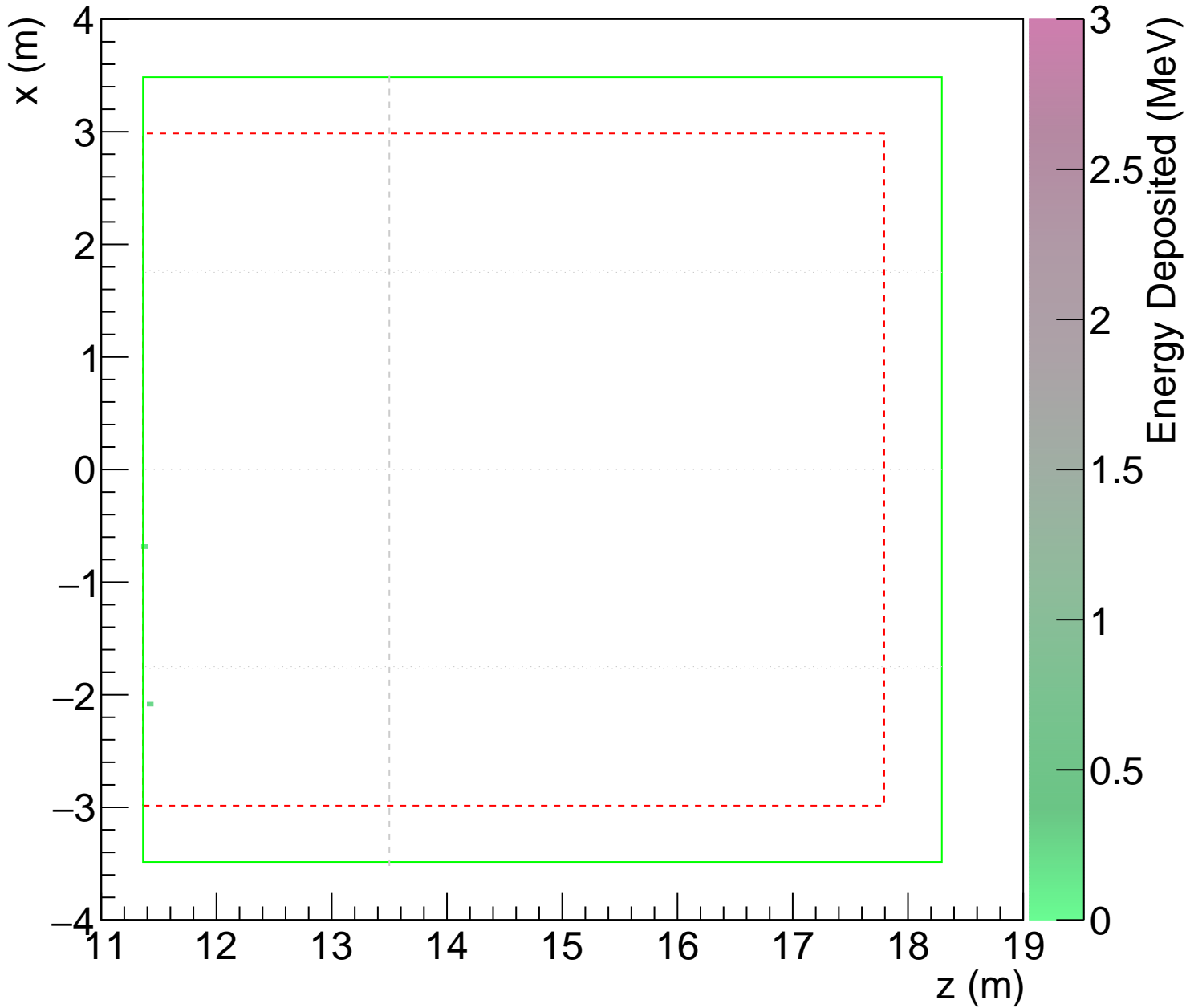


# Event 58 reconstructed

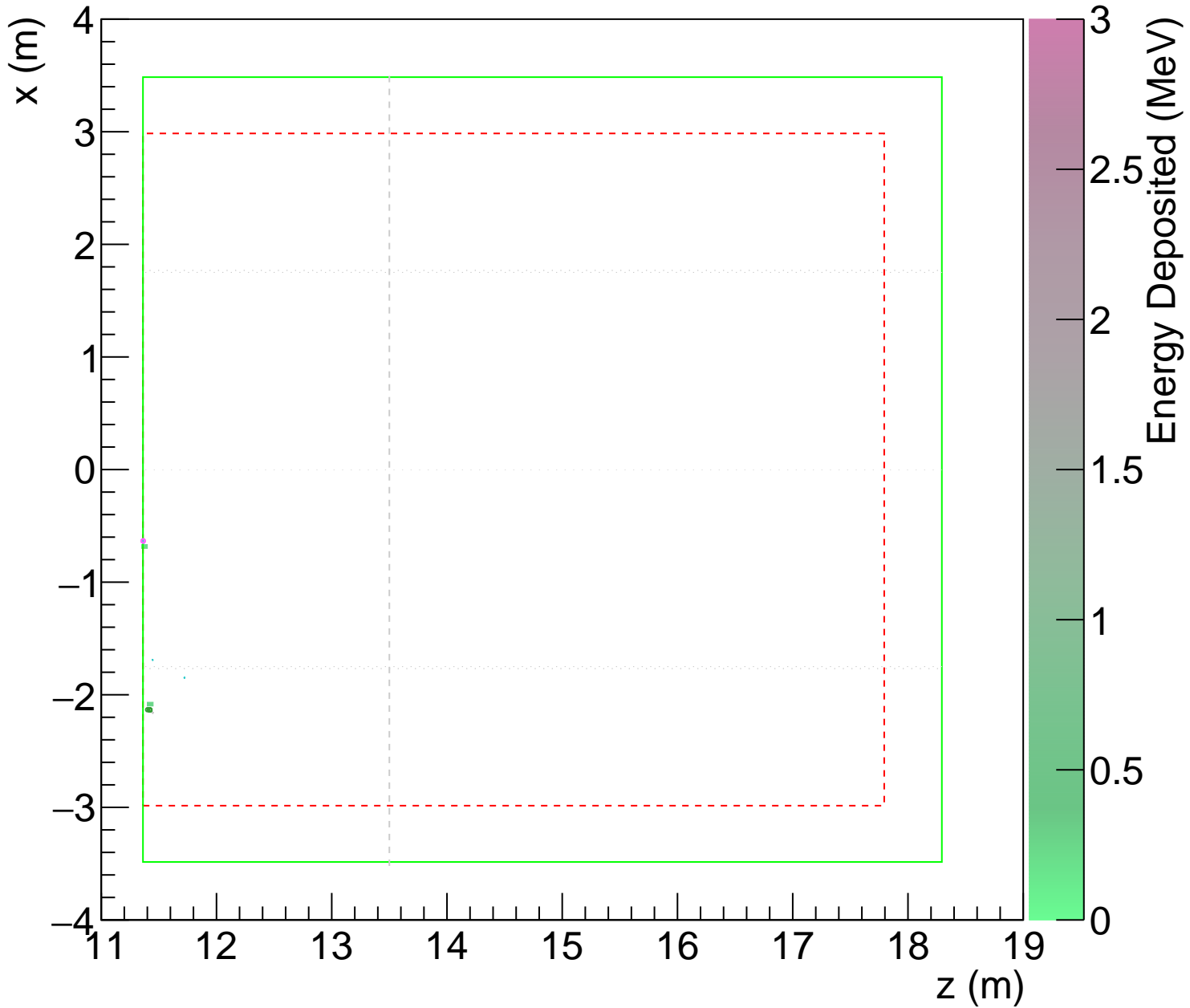
nLines: 0, nClusters: 0



Event 61, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=19.58$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,

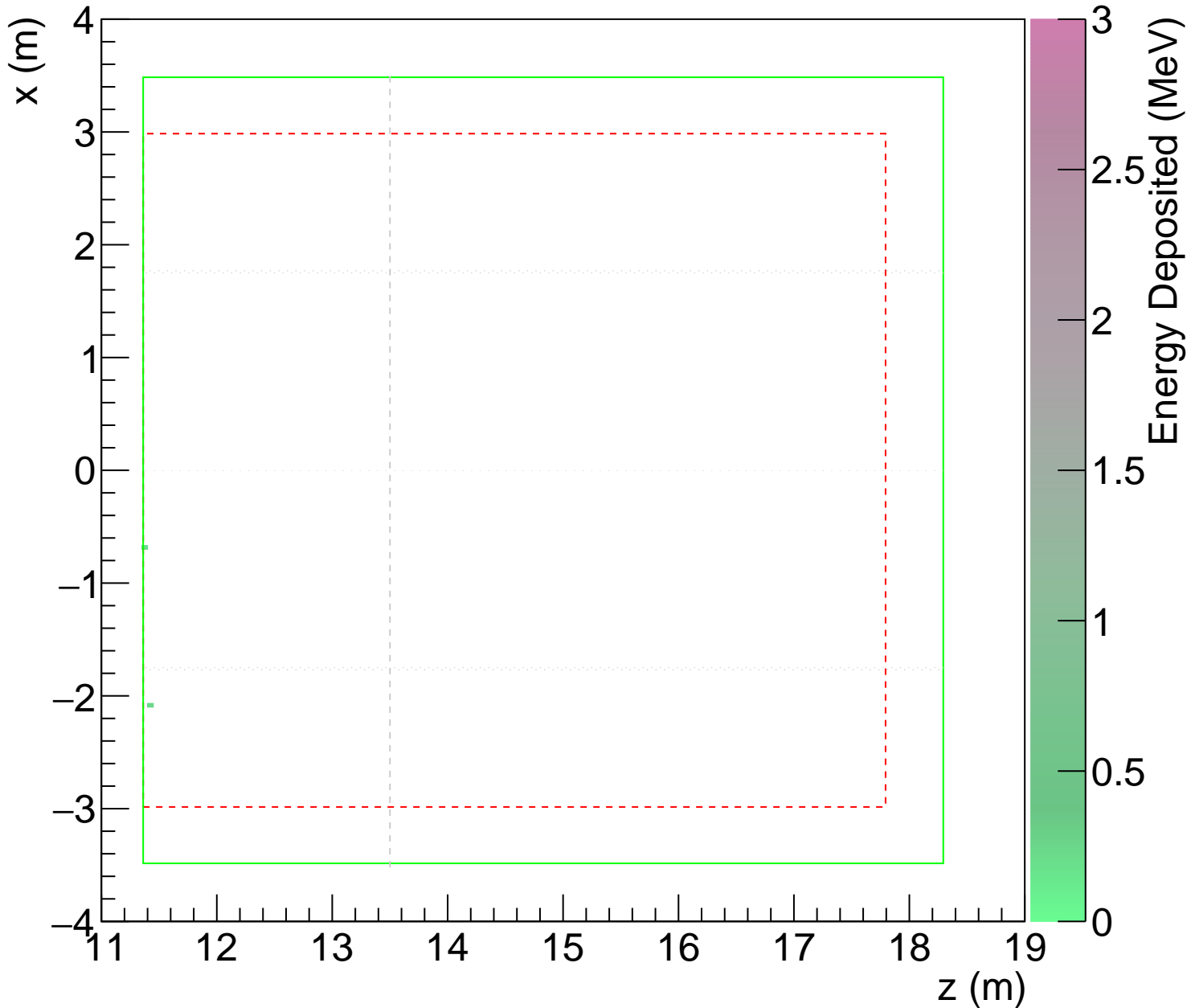


Event 61, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=19.58$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,

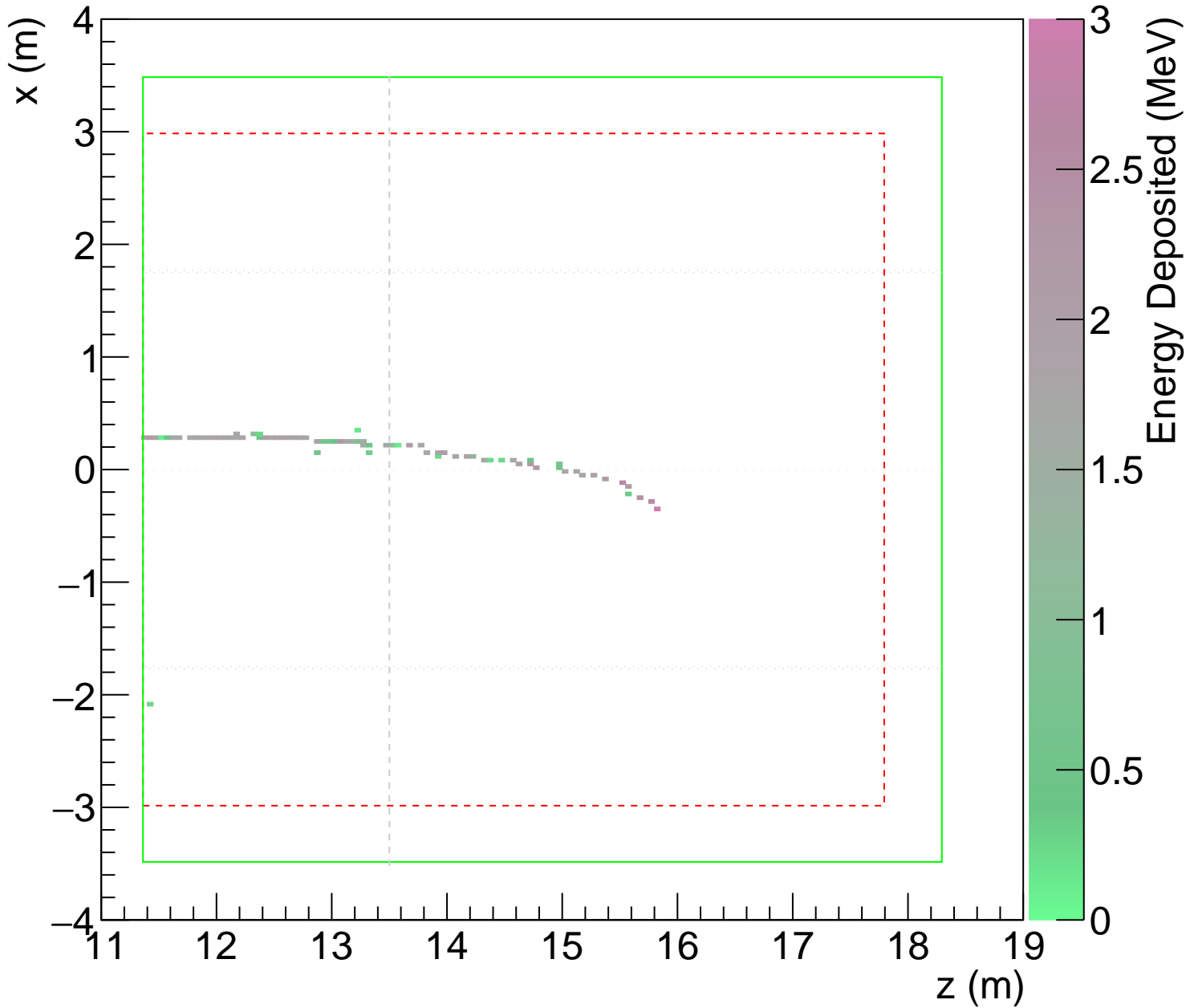


# Event 61 reconstructed

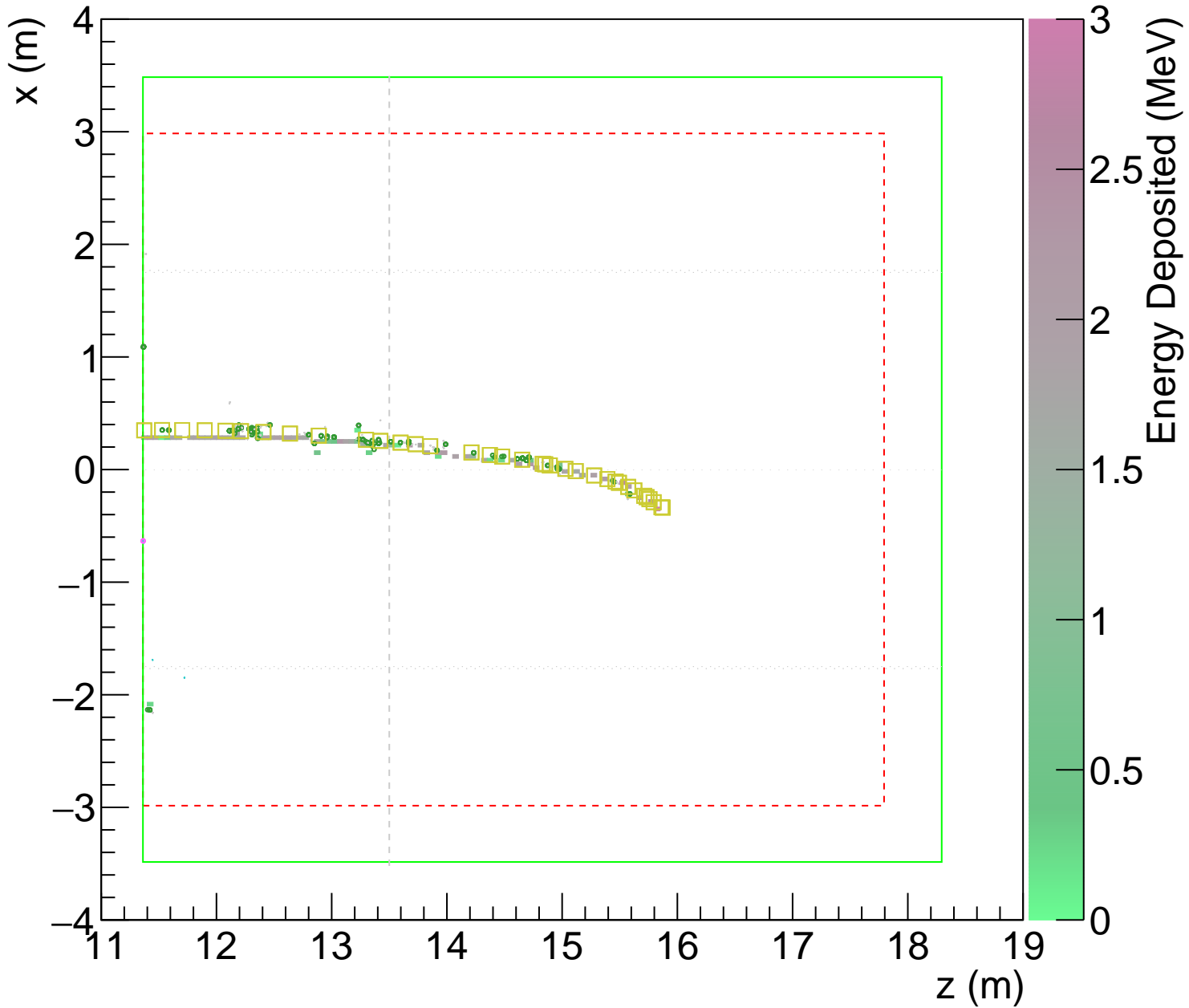
nLines: 0, nClusters: 0



Event 62, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.55$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



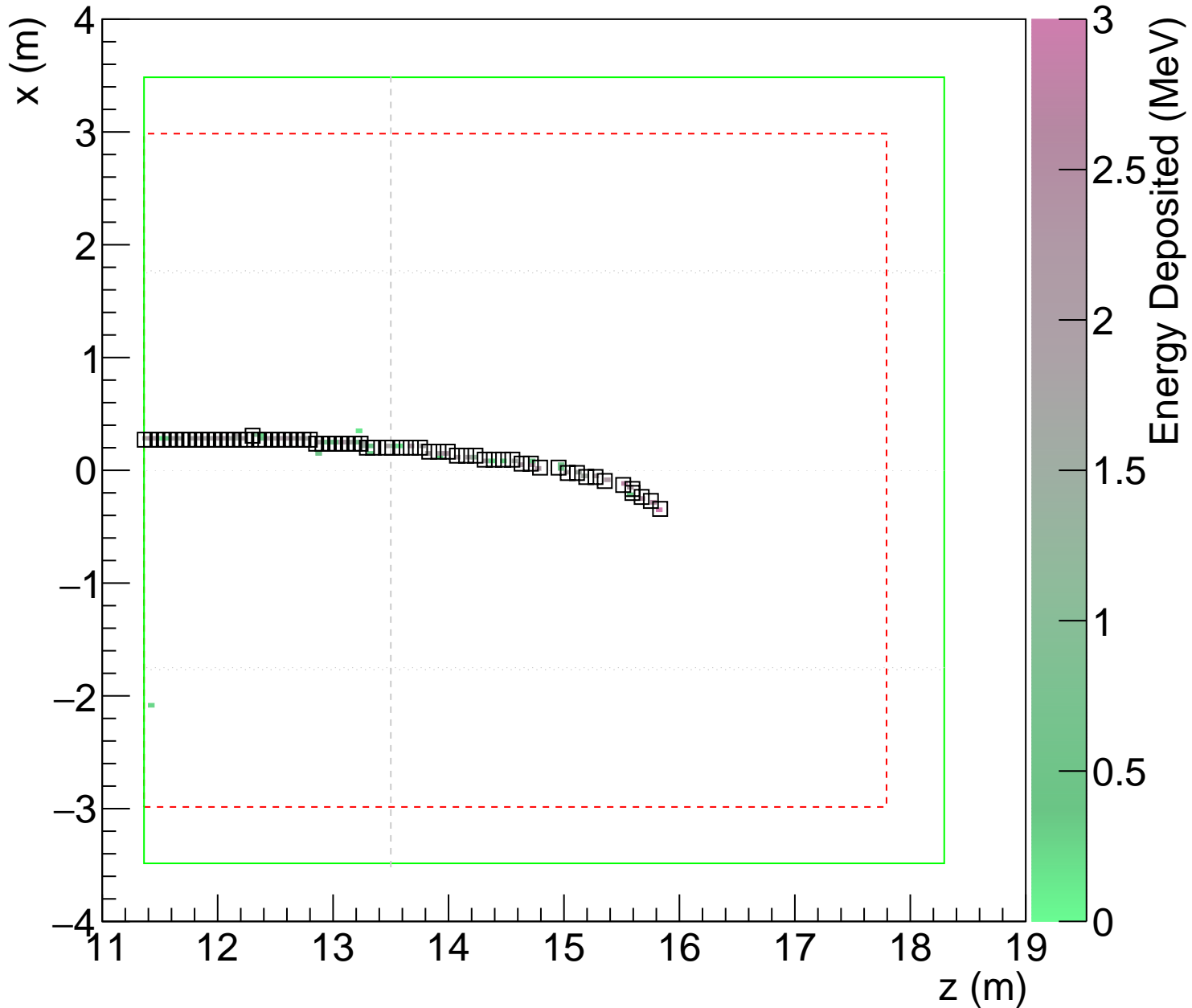
Event 62, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.55$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



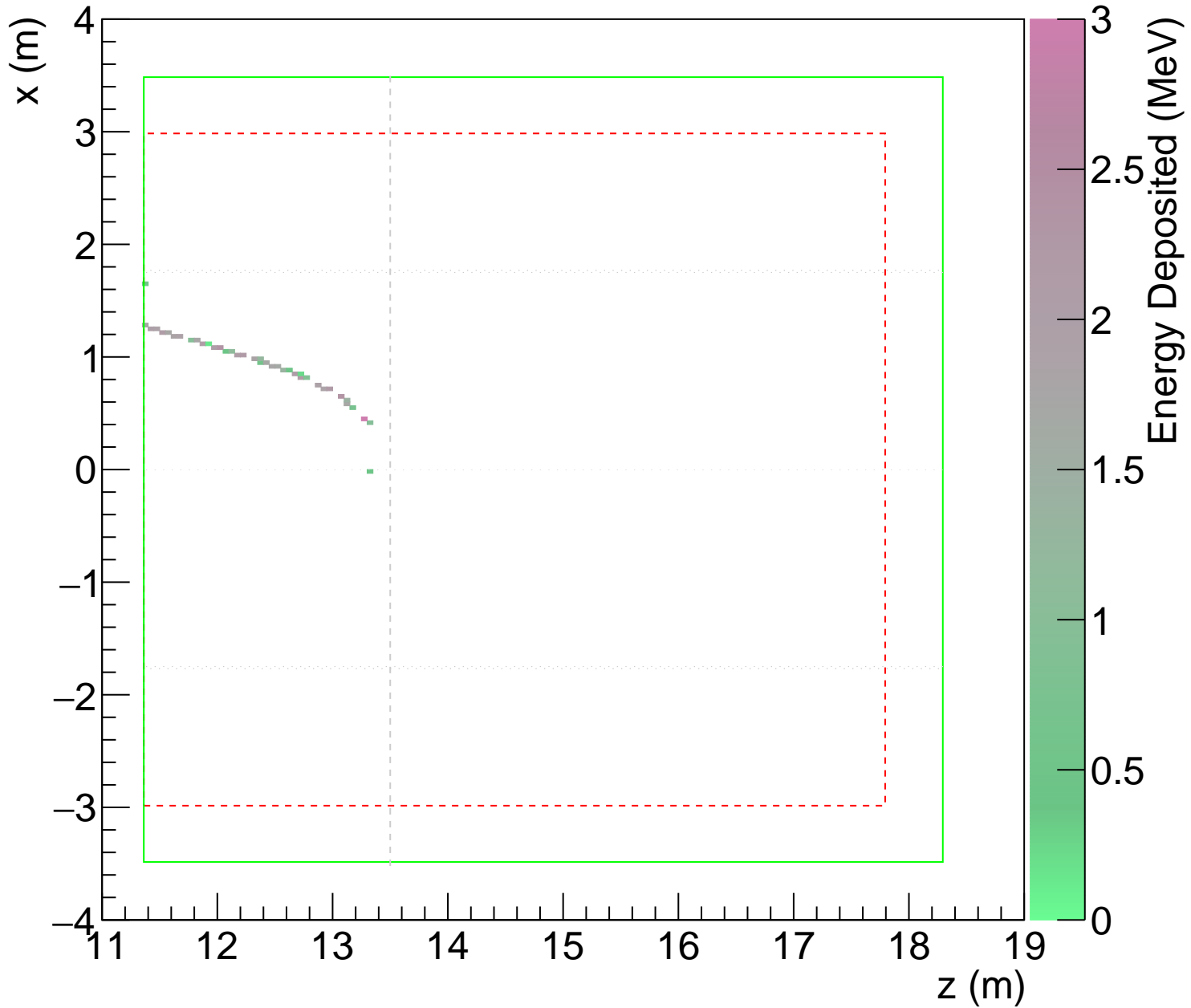


# Event 62 reconstructed

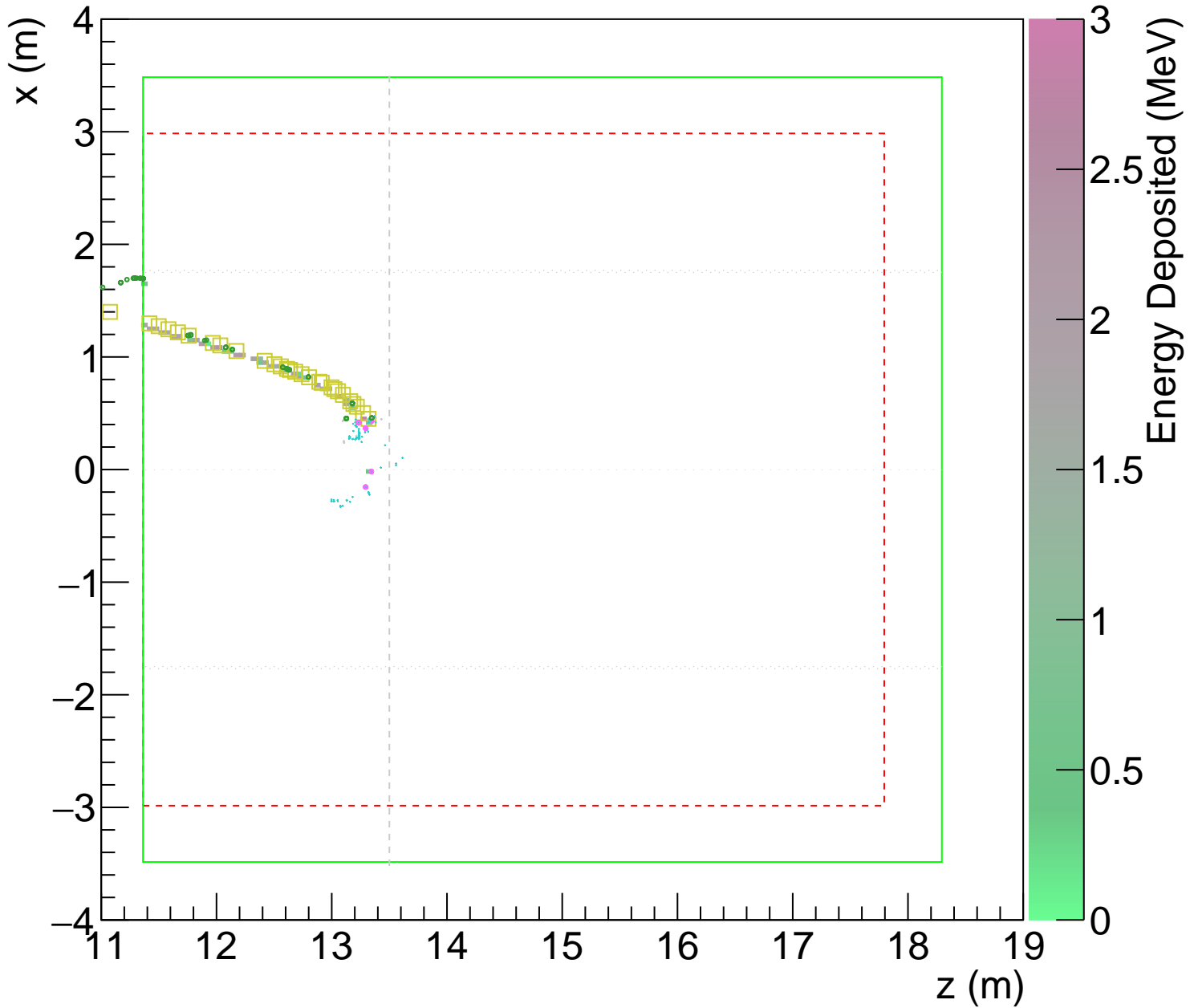
nLines: 1, nClusters: 0



Event 63, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.61$  GeV,  $E_{\mu}^{\text{true}}=1.23$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

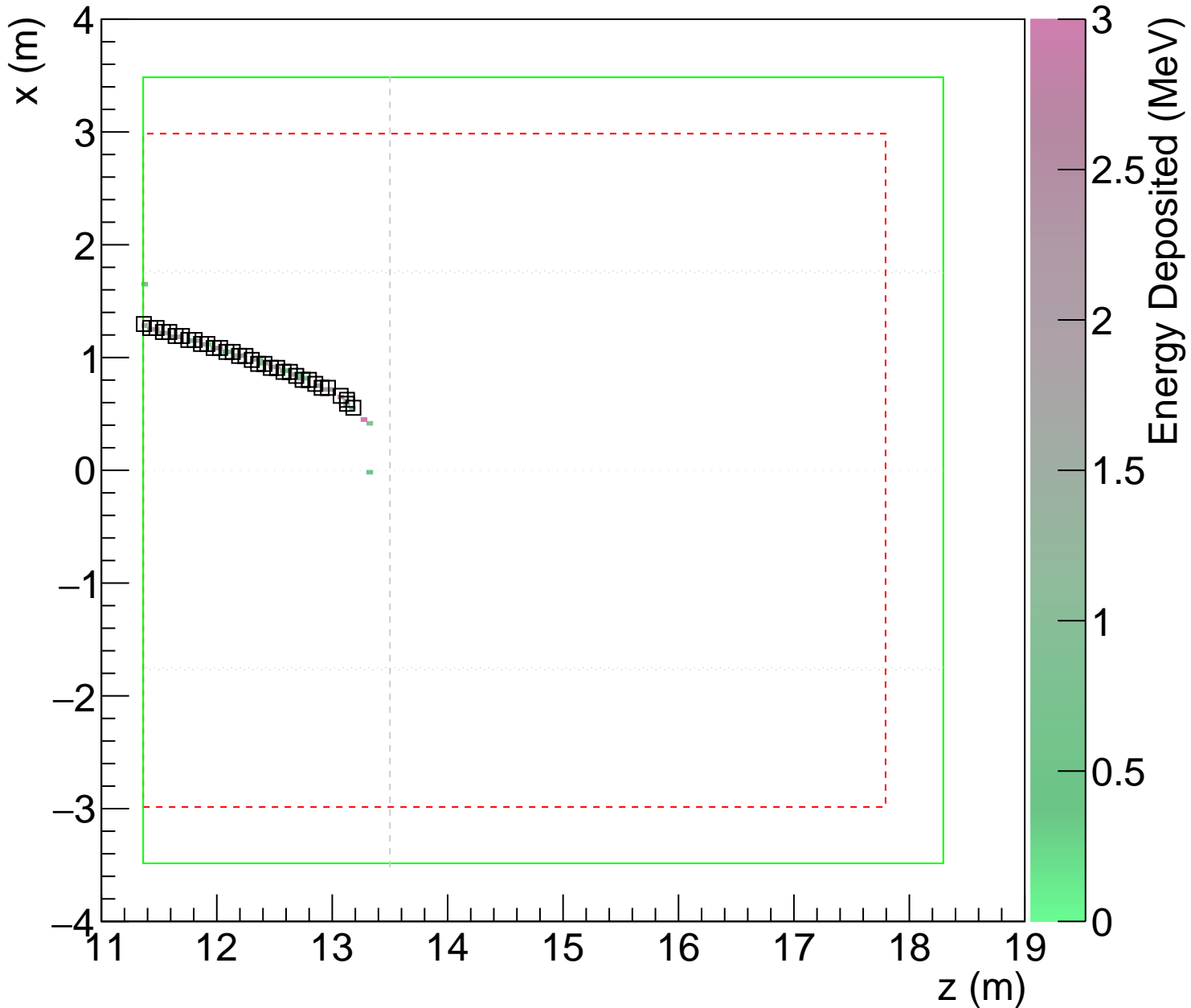


Event 63, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.61$  GeV,  $E_{\mu}^{\text{true}}=1.23$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

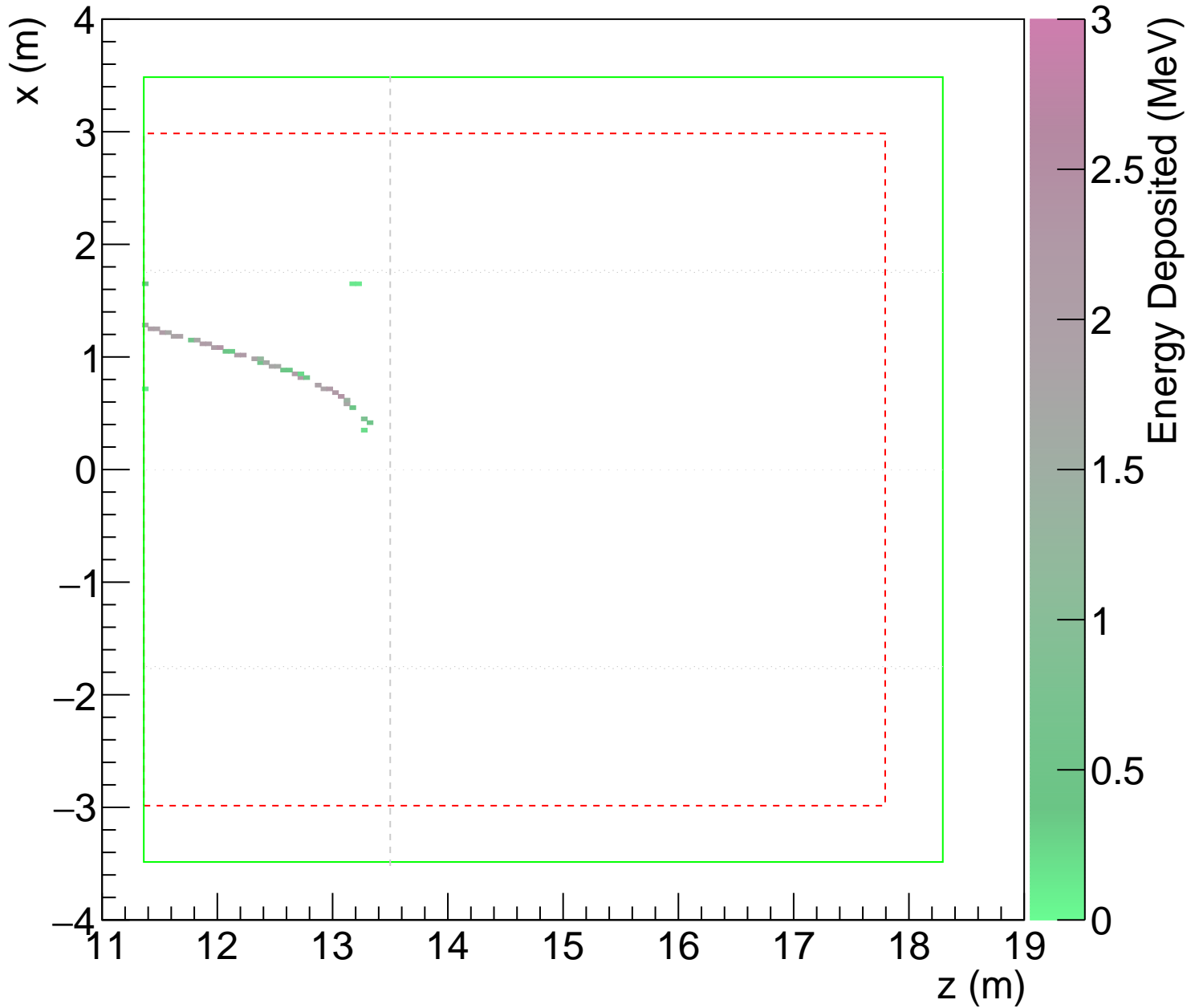


# Event 63 reconstructed

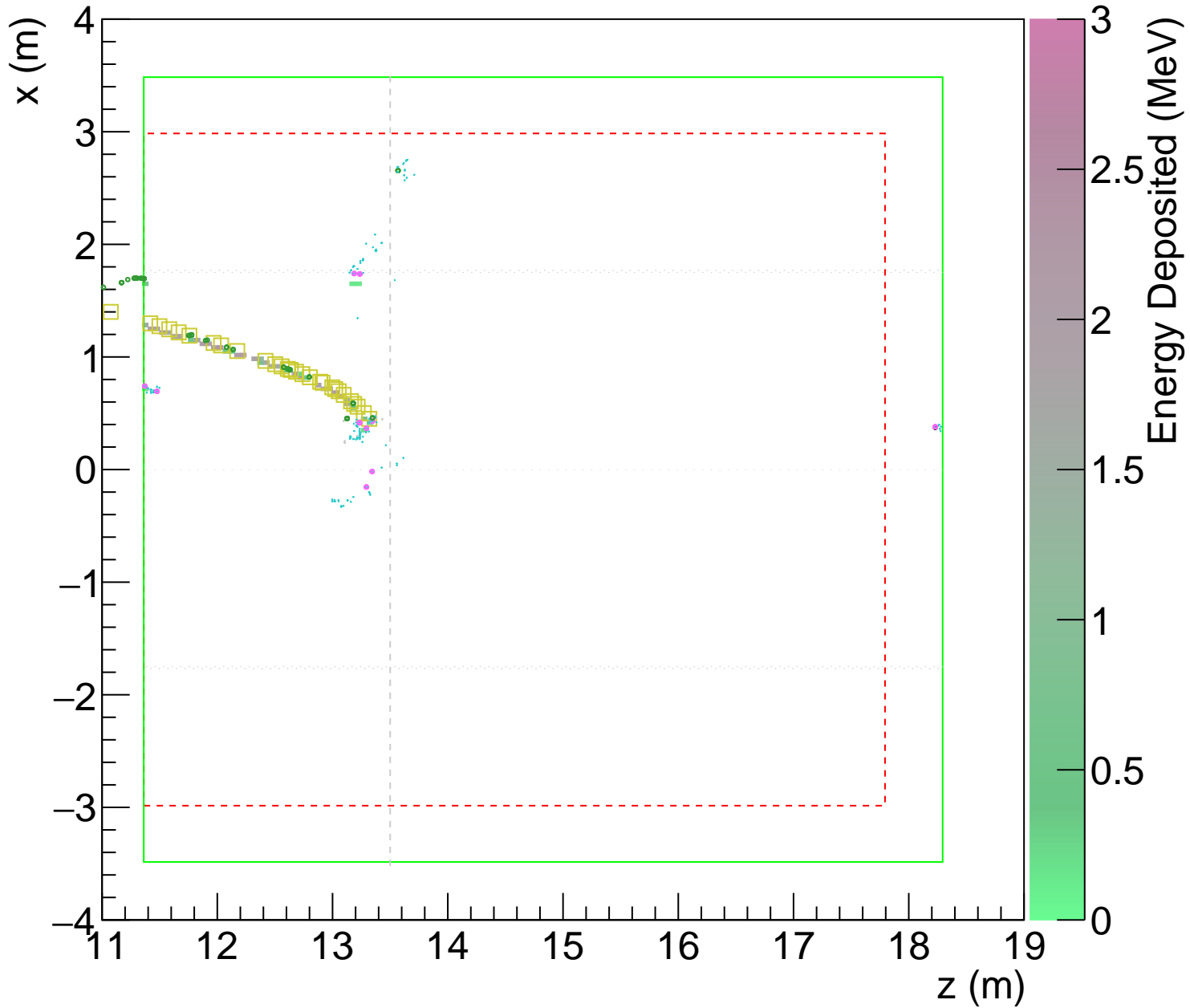
nLines: 1, nClusters: 0



Event 64, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.77$  GeV,  $E_{\mu}^{\text{true}}=1.23$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

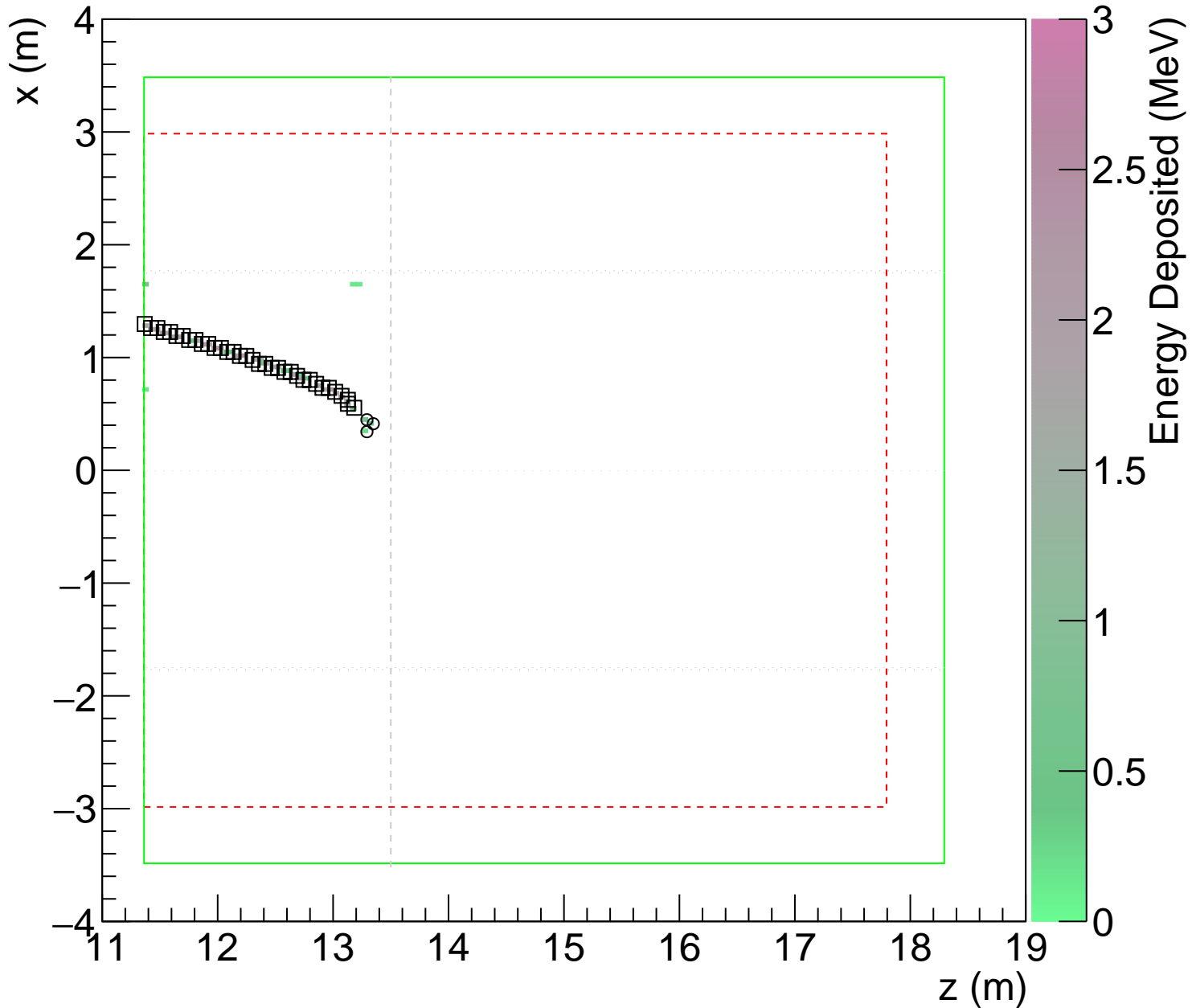


Event 64, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.77$  GeV,  $E_{\mu}^{\text{true}}=1.23$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

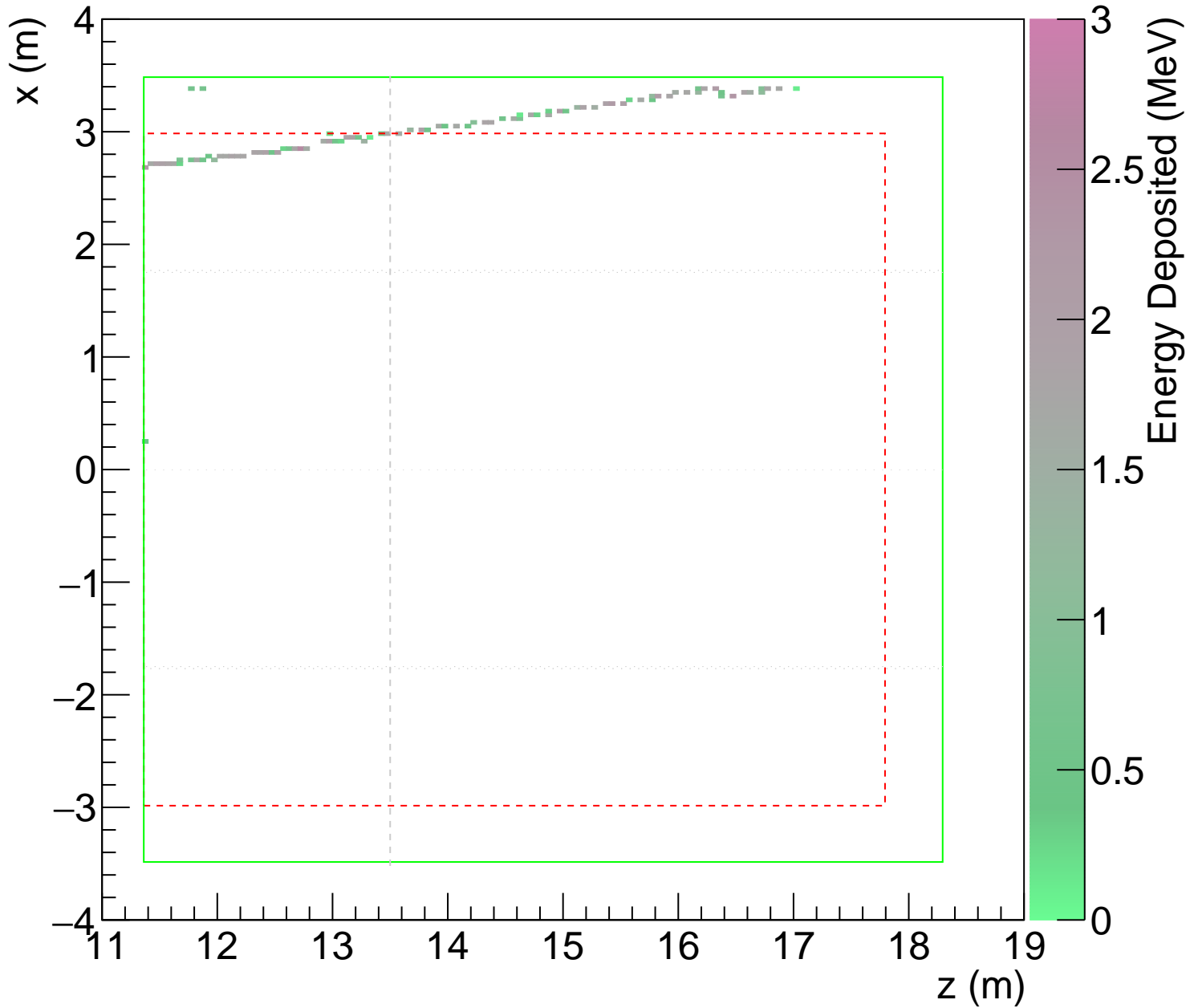


# Event 64 reconstructed

nLines: 1, nClusters: 1

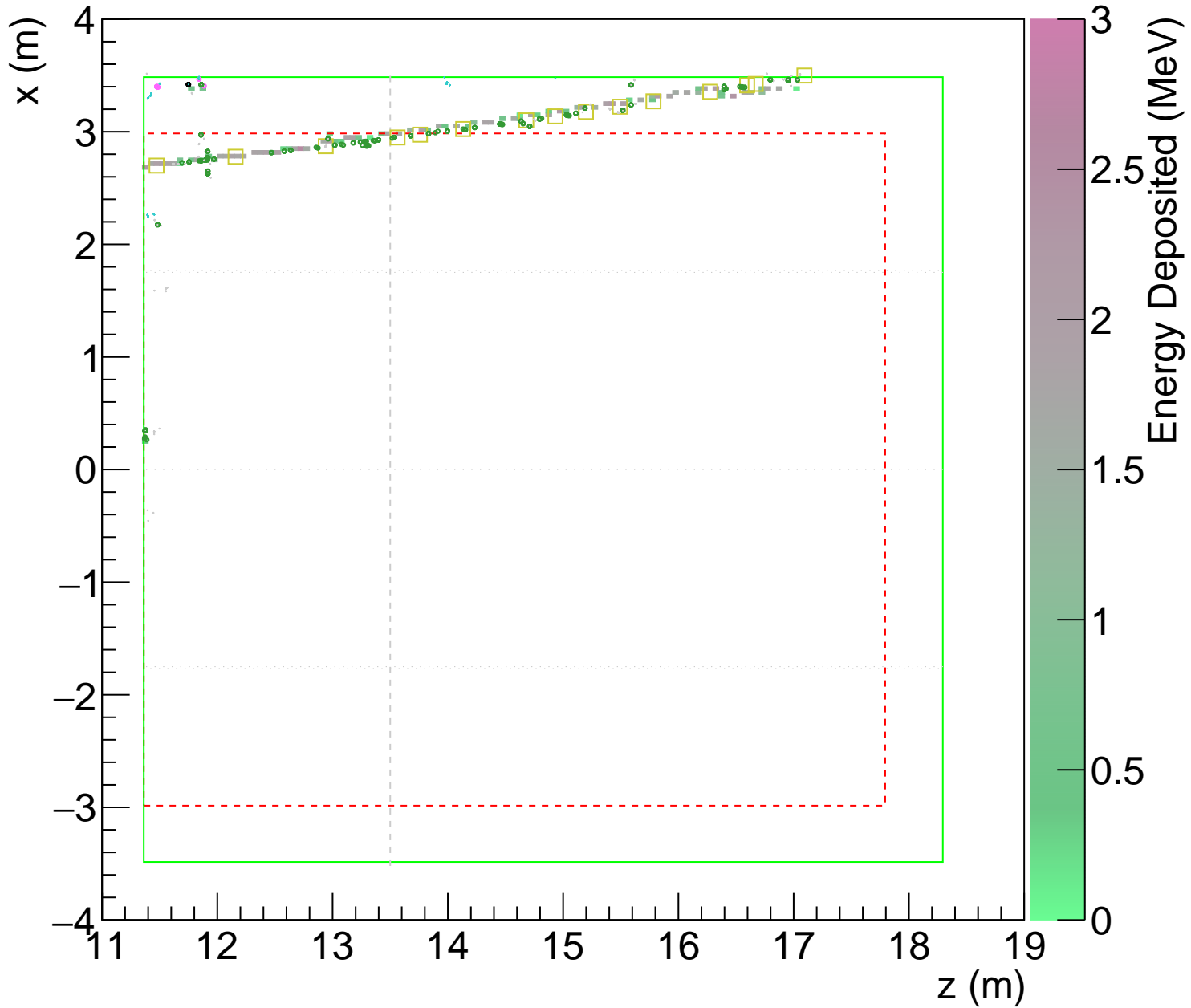


Event 65, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=12.87$  GeV,  $E_{\mu}^{\text{true}}=9.14$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



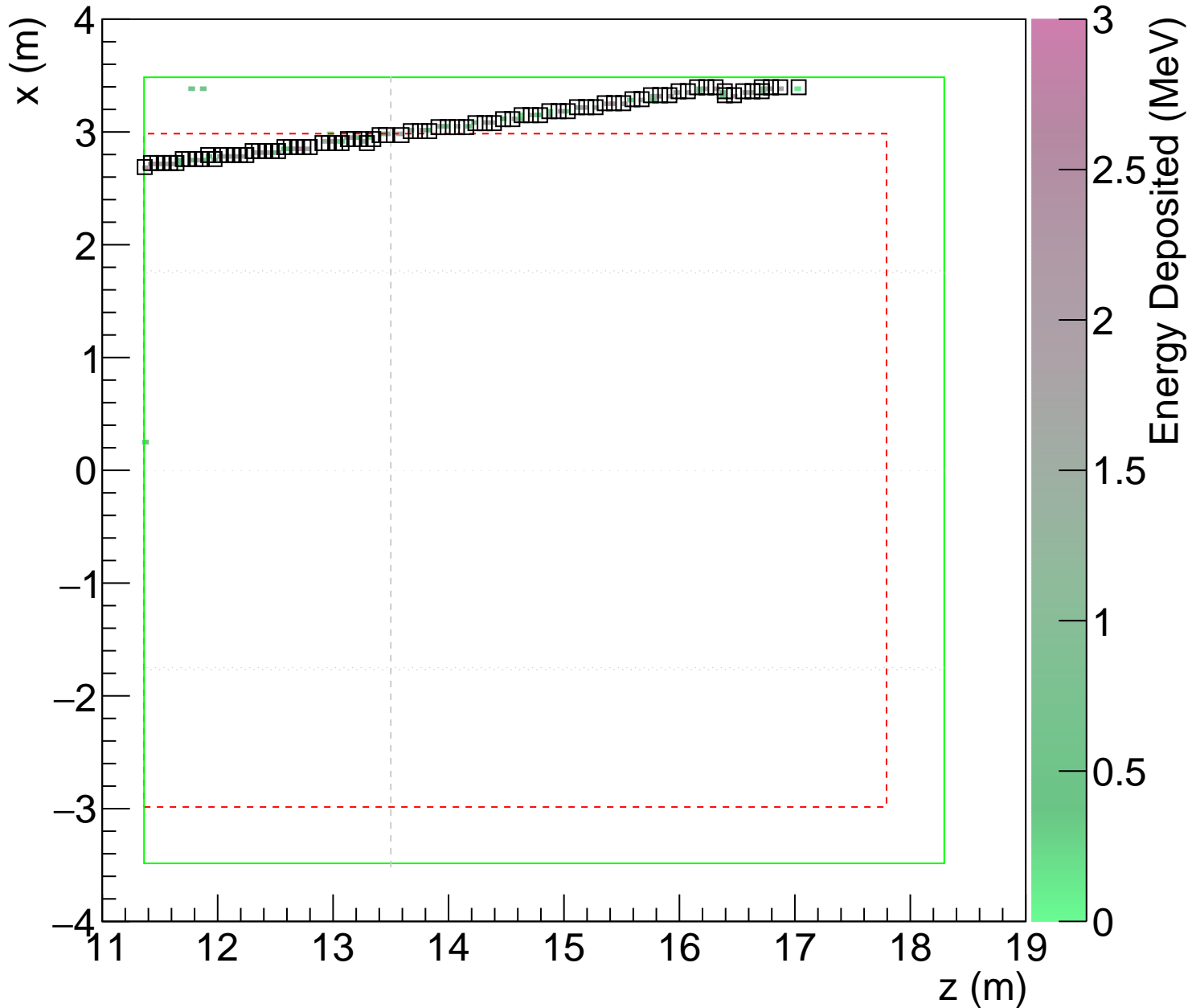


Event 65, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=12.87$  GeV,  $E_{\mu}^{\text{true}}=9.14$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

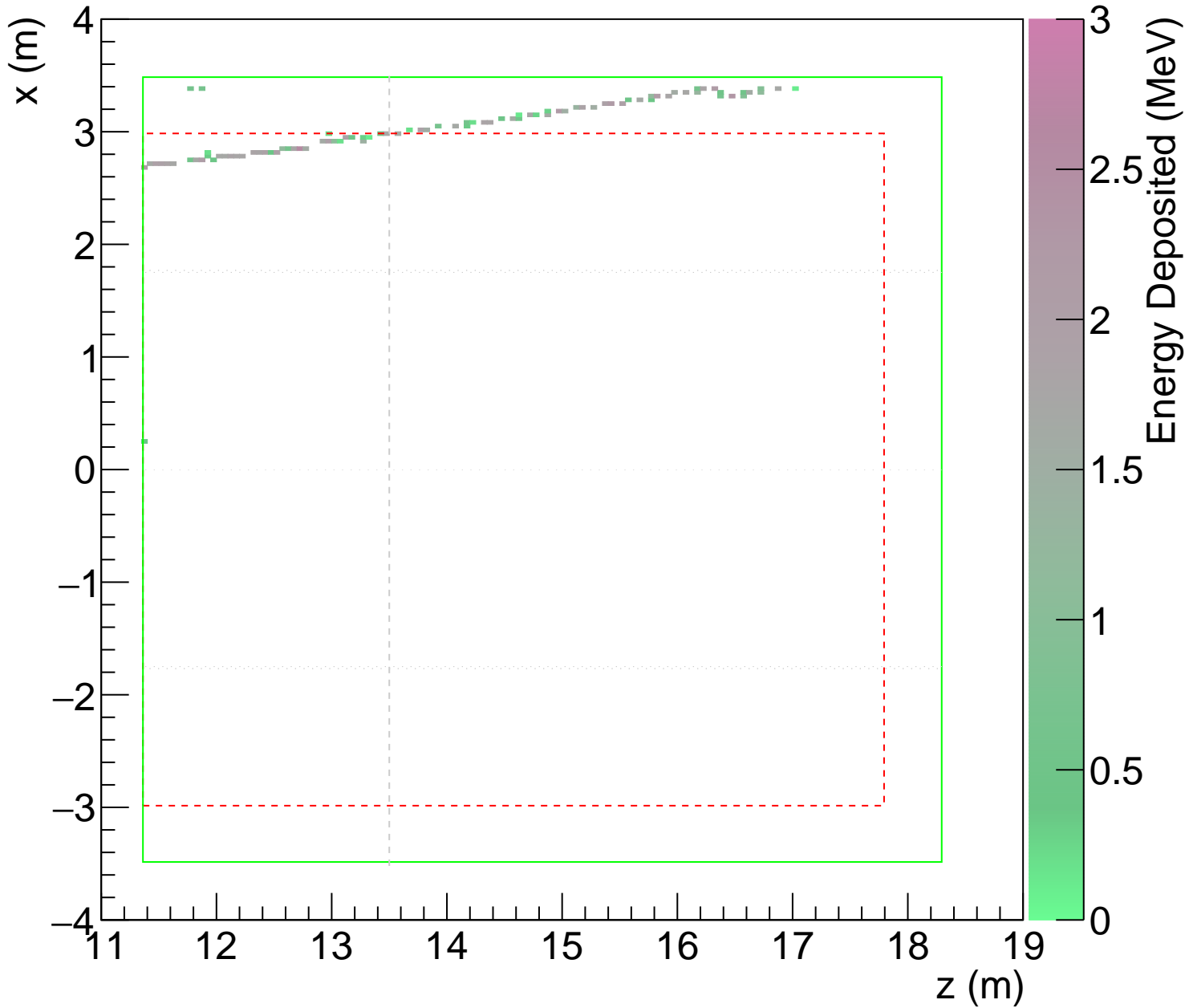


# Event 65 reconstructed

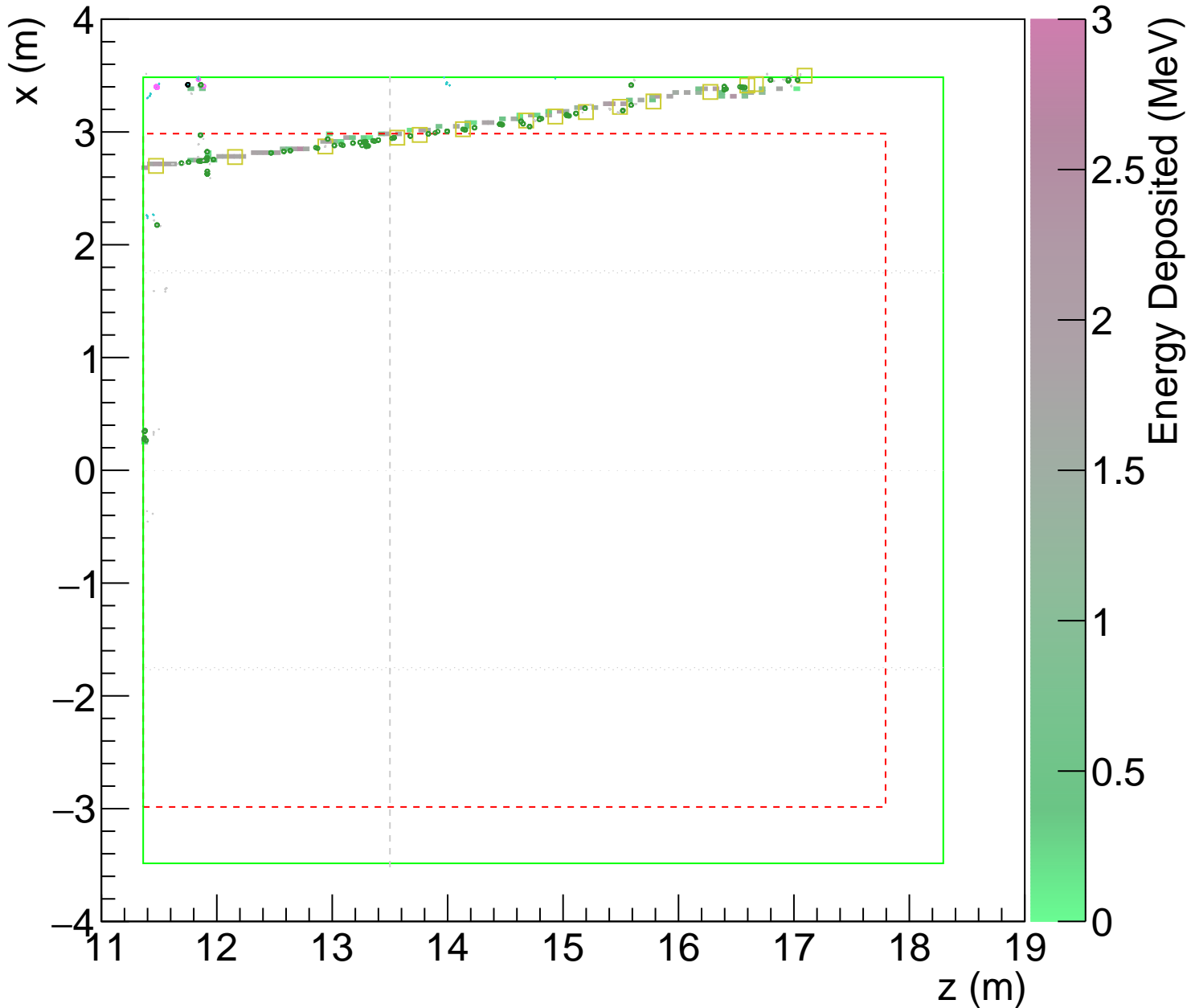
nLines: 1, nClusters: 0



Event 66, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.79$  GeV,  $E_{\mu}^{\text{true}}=9.14$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

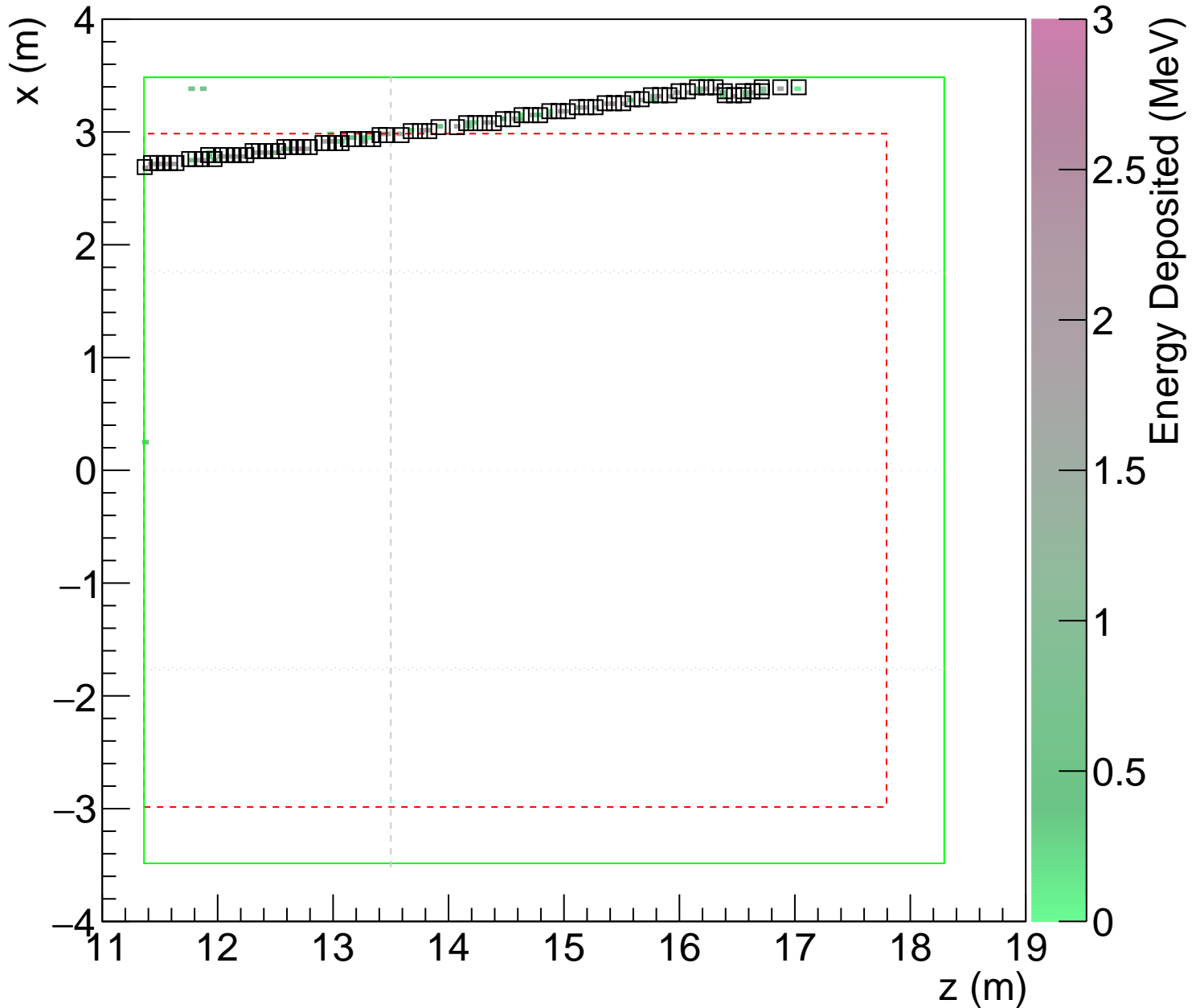


Event 66, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.79$  GeV,  $E_{\mu}^{\text{true}}=9.14$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

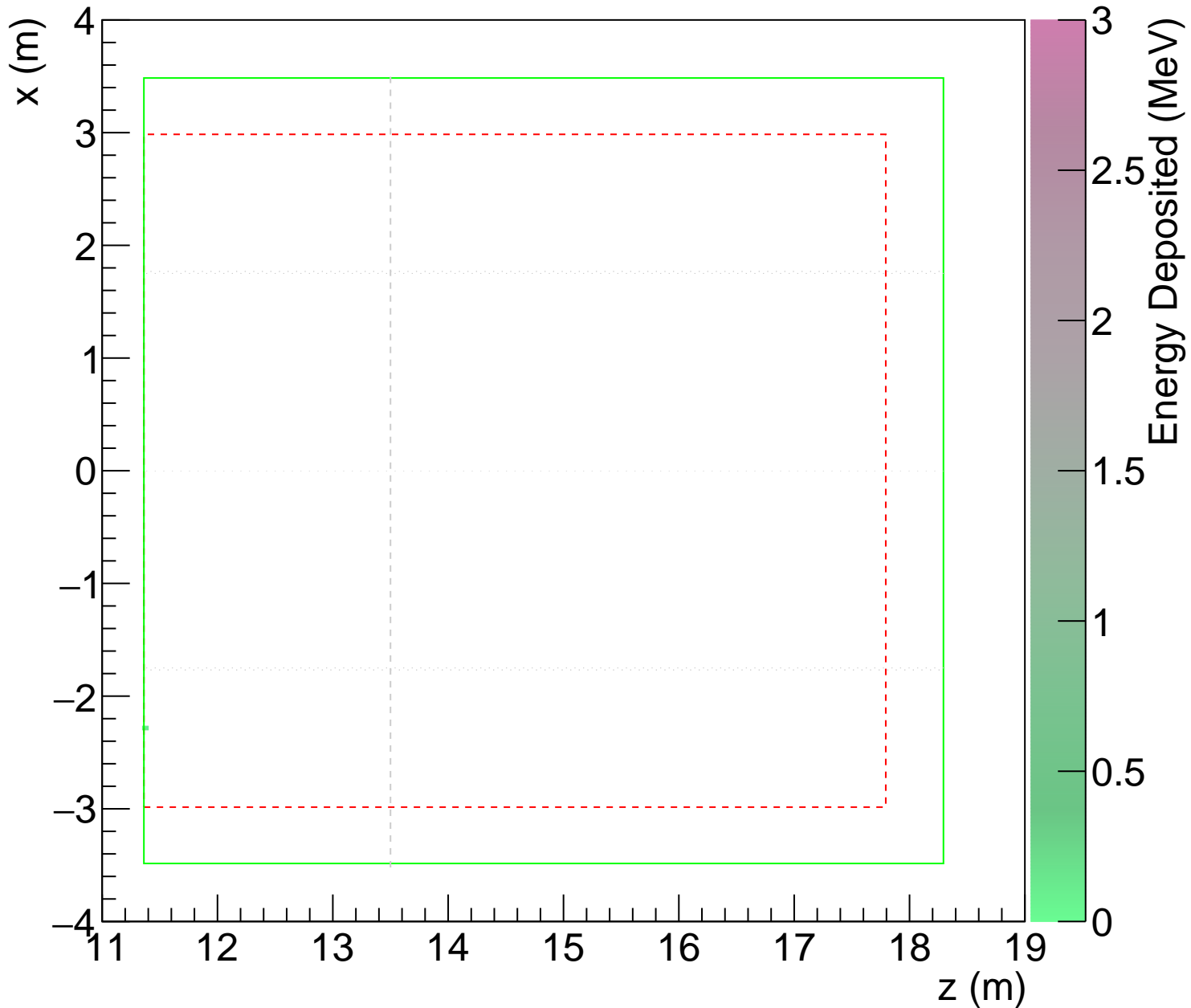


# Event 66 reconstructed

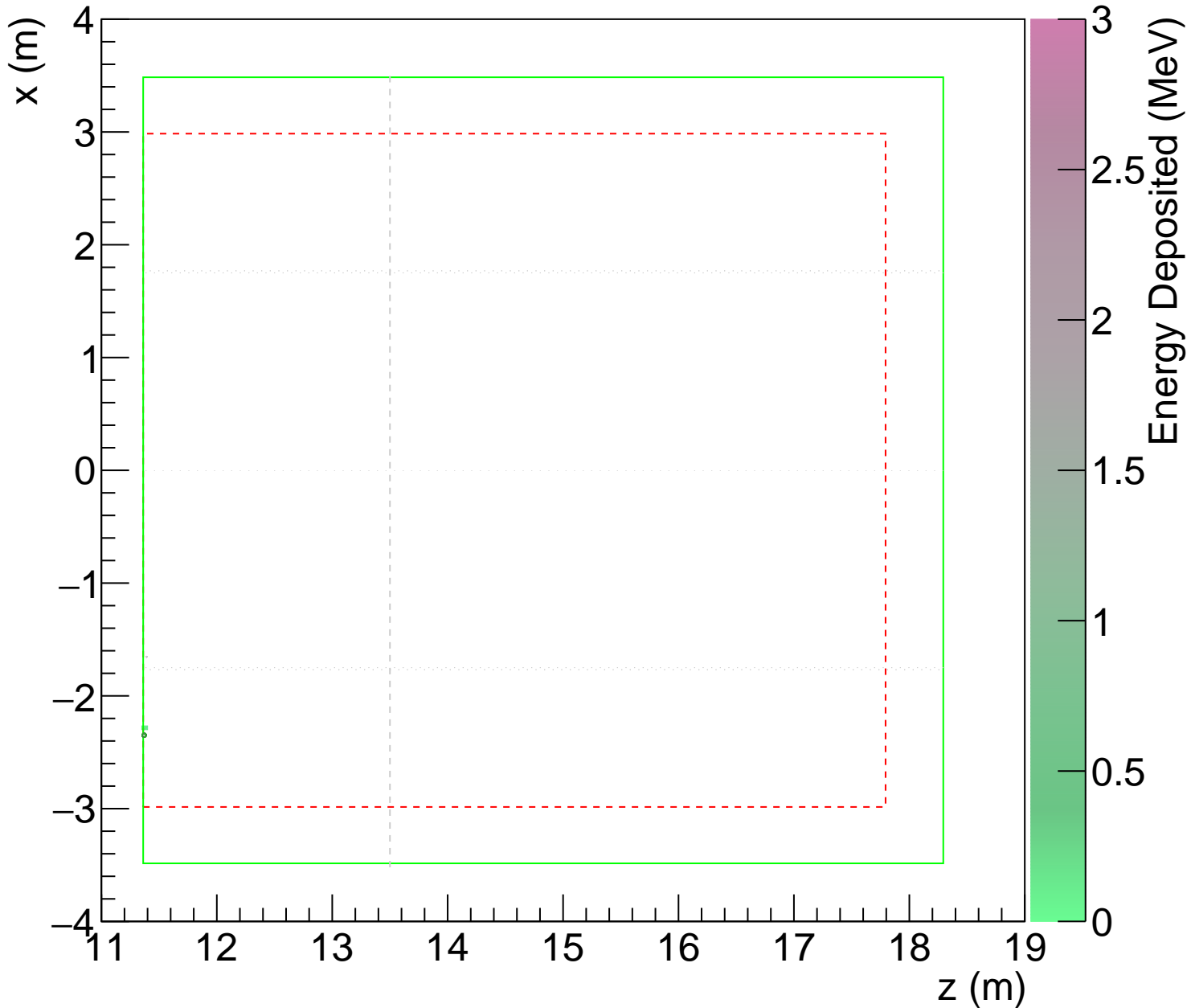
nLines: 1, nClusters: 0



Event 70, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.11$  GeV,  $E_{\mu}^{\text{true}}=1.18$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

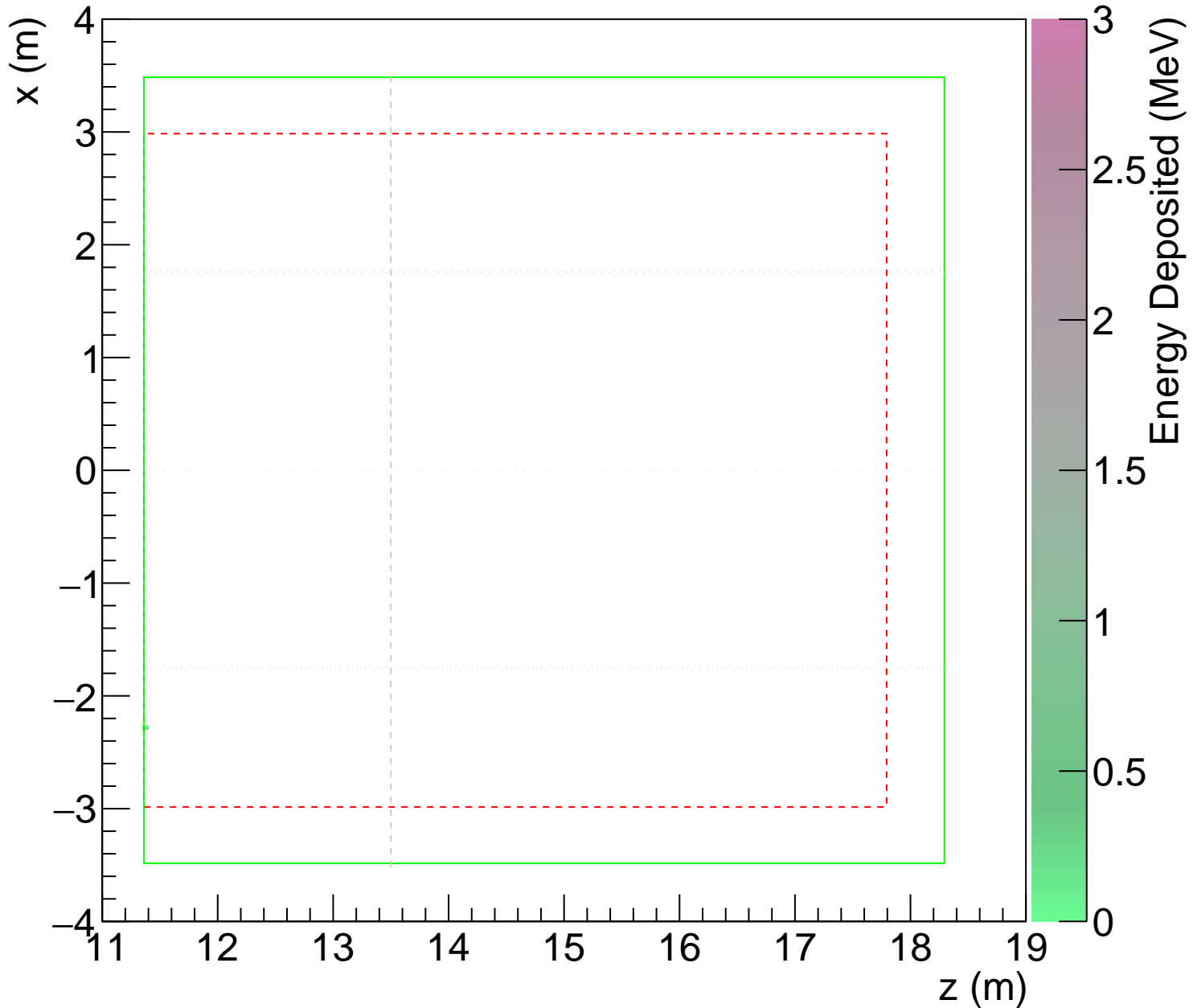


Event 70, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.11$  GeV,  $E_{\mu}^{\text{true}}=1.18$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,



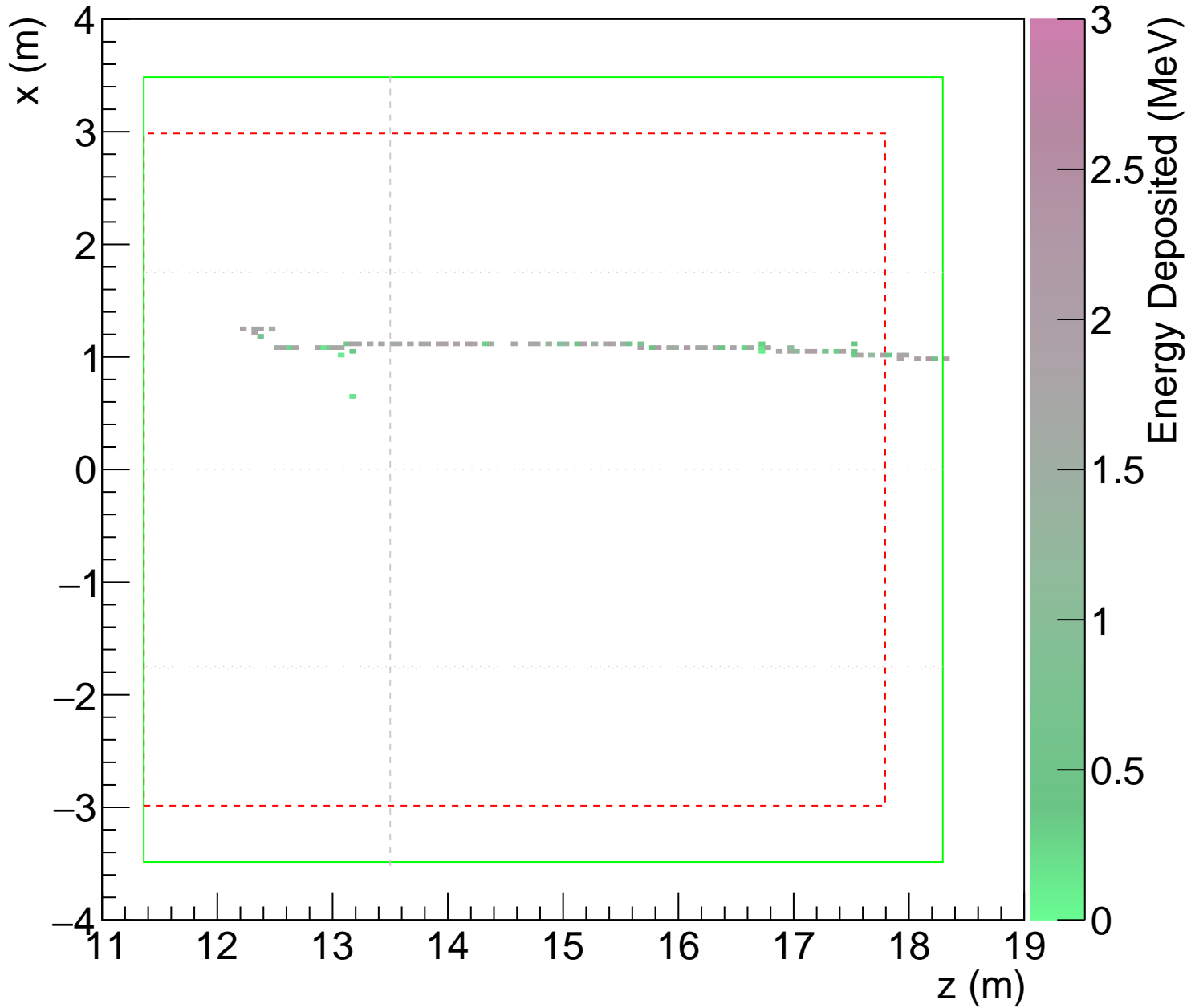
# Event 70 reconstructed

nLines: 0, nClusters: 0

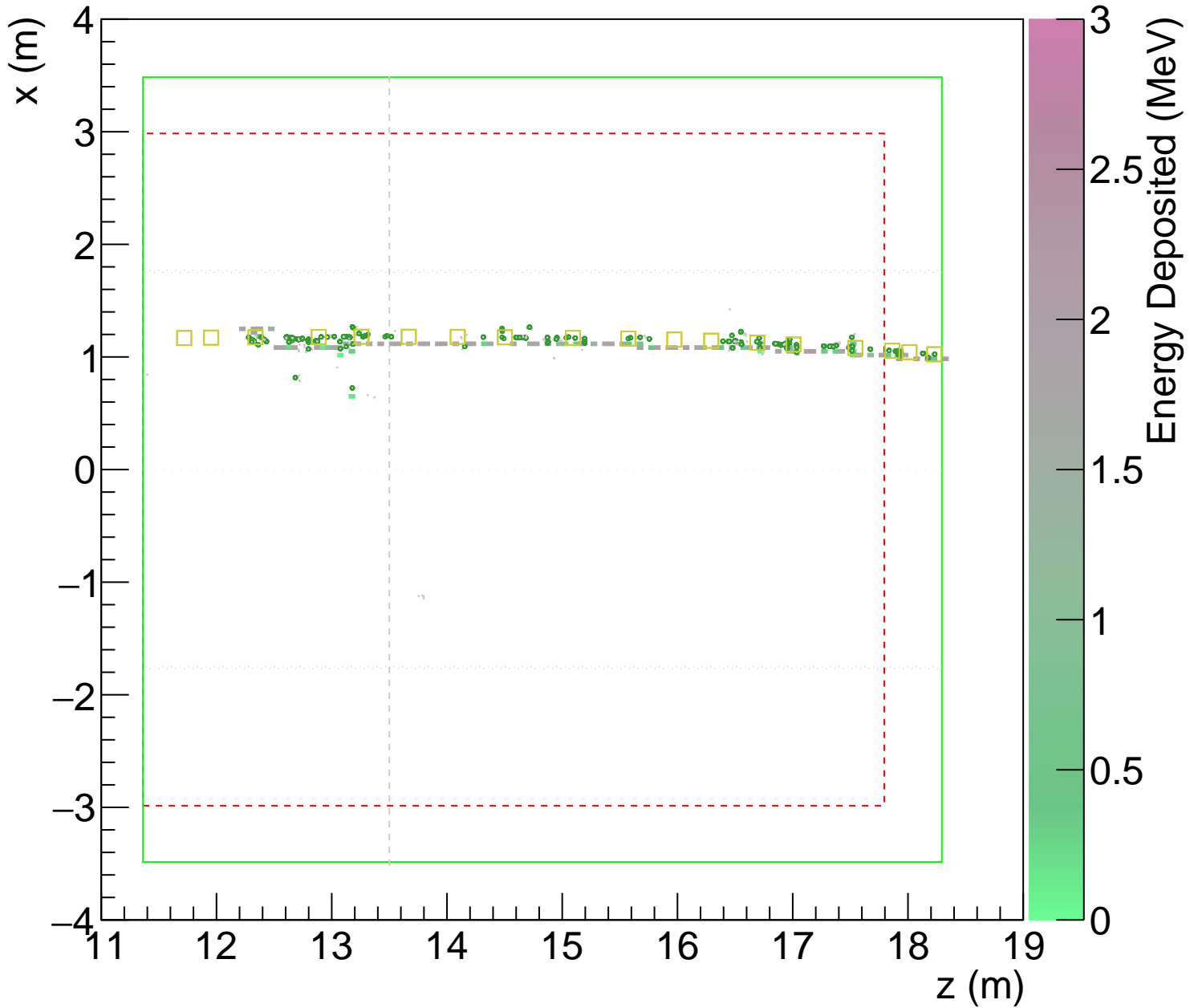




Event 72, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.67$  GeV,  $E_{\mu}^{\text{true}}=10.50$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

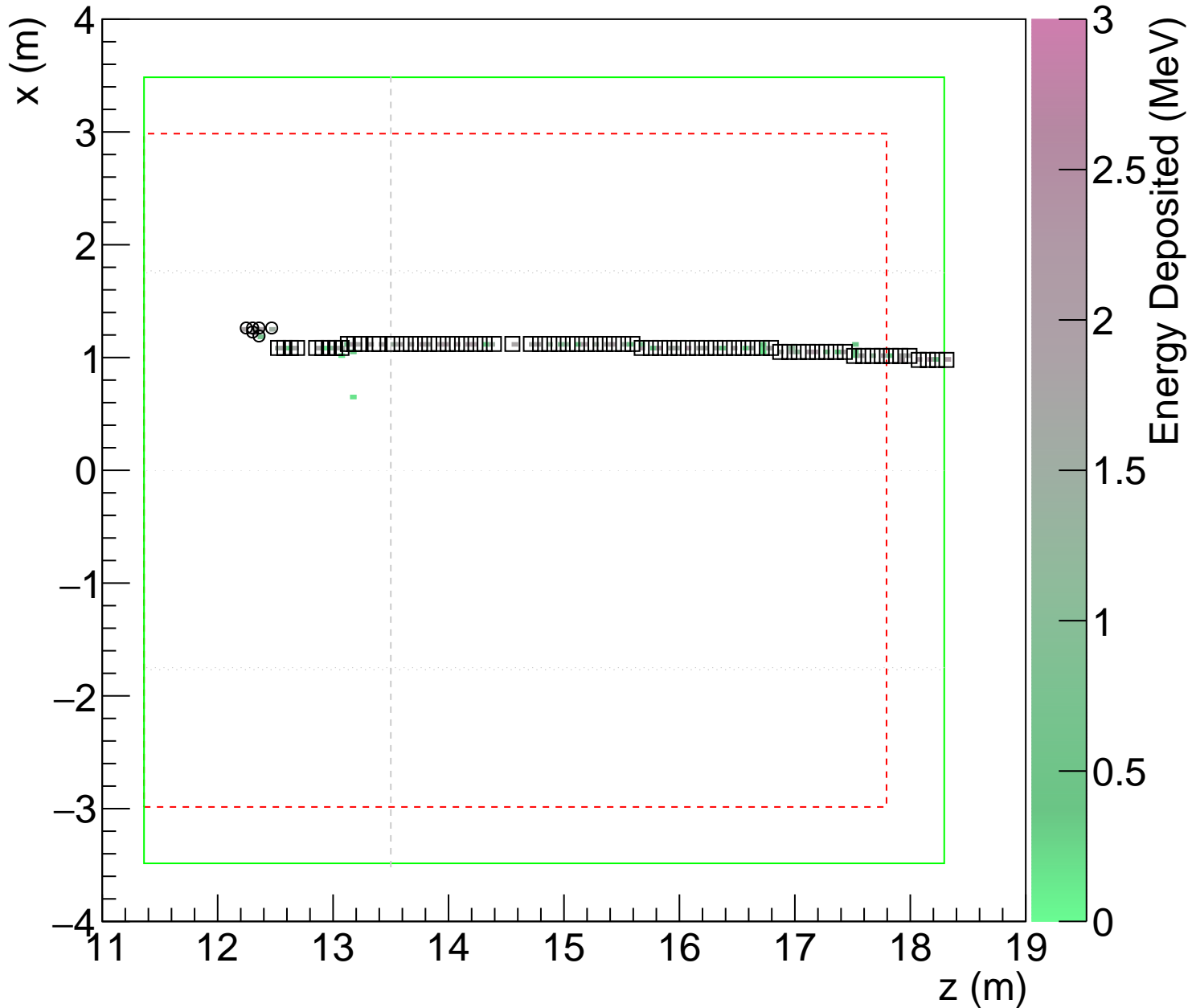


Event 72, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.67$  GeV,  $E_{\mu}^{\text{true}}=10.50$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

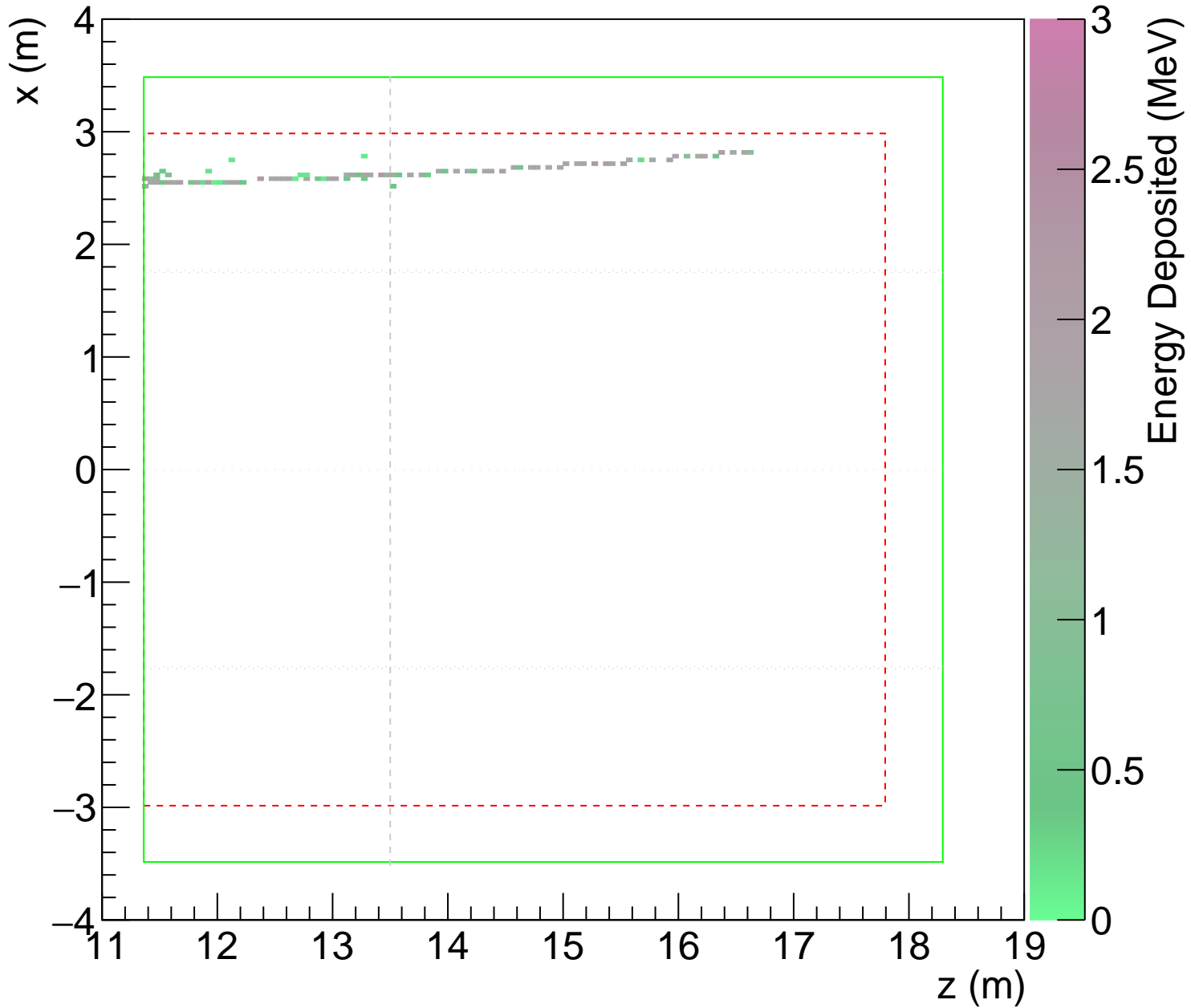


# Event 72 reconstructed

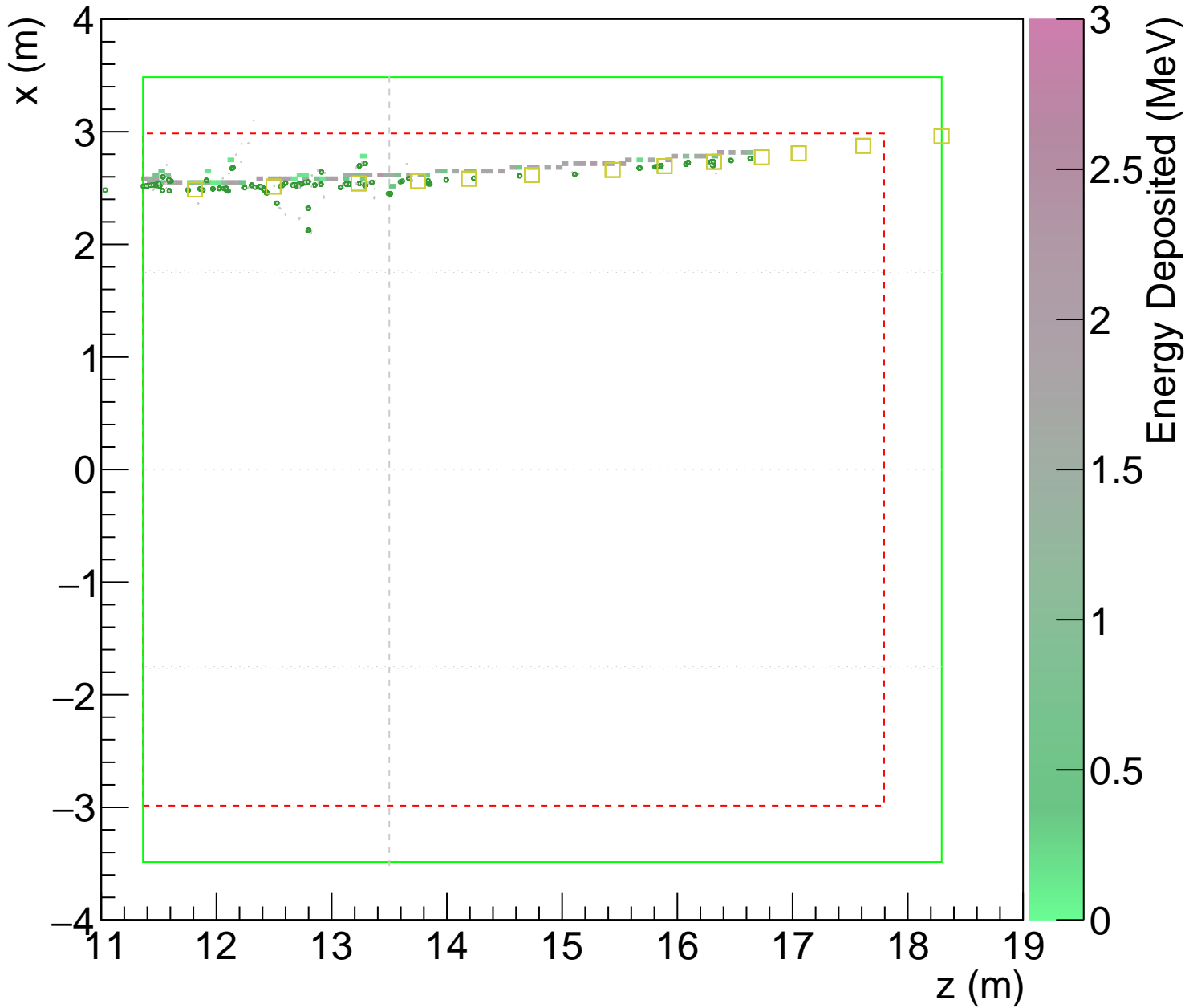
nLines: 1, nClusters: 1



Event 75, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=14.05$  GeV,  $E_{\mu}^{\text{true}}=12.95$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

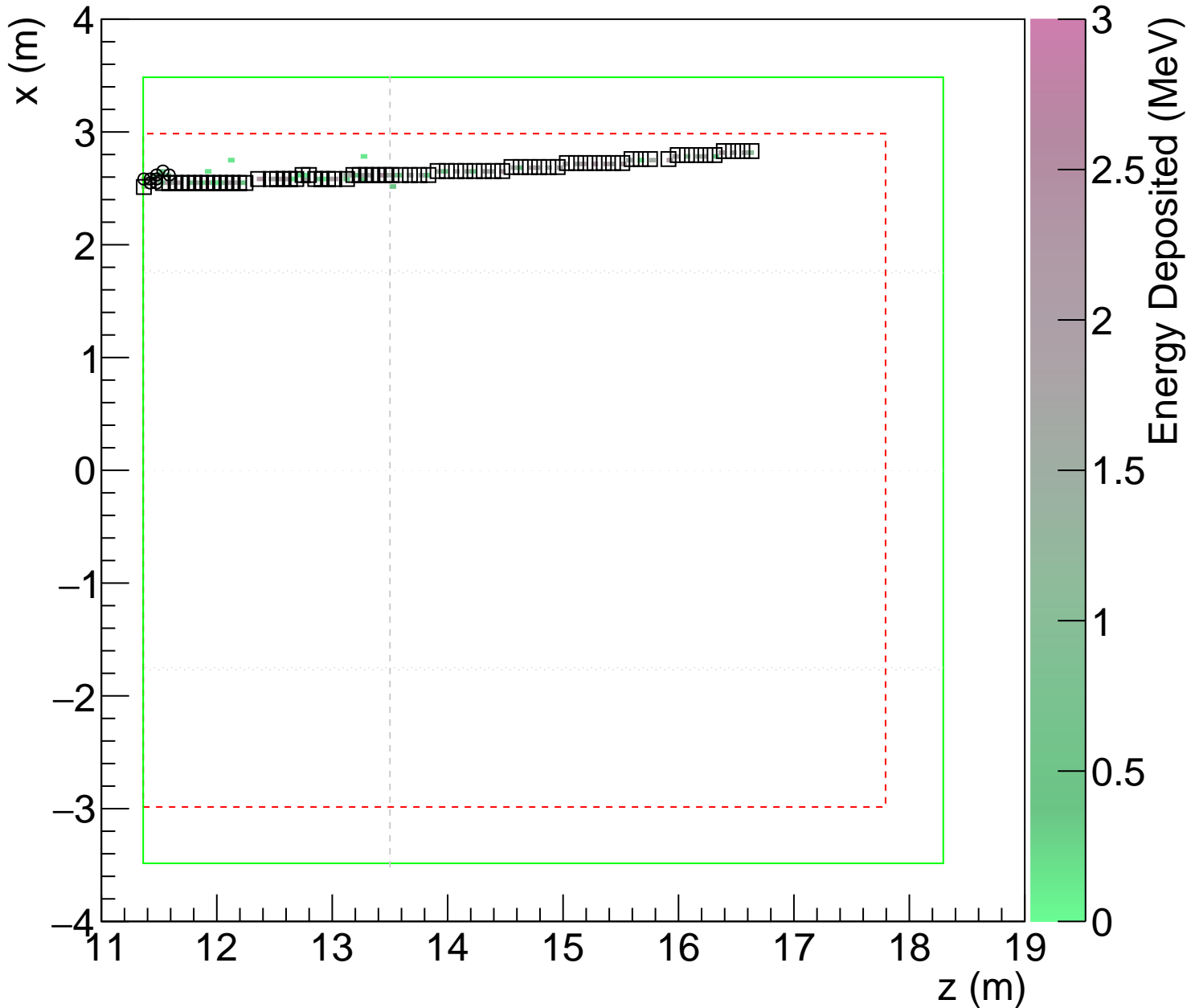


Event 75, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=14.05$  GeV,  $E_{\mu}^{\text{true}}=12.95$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

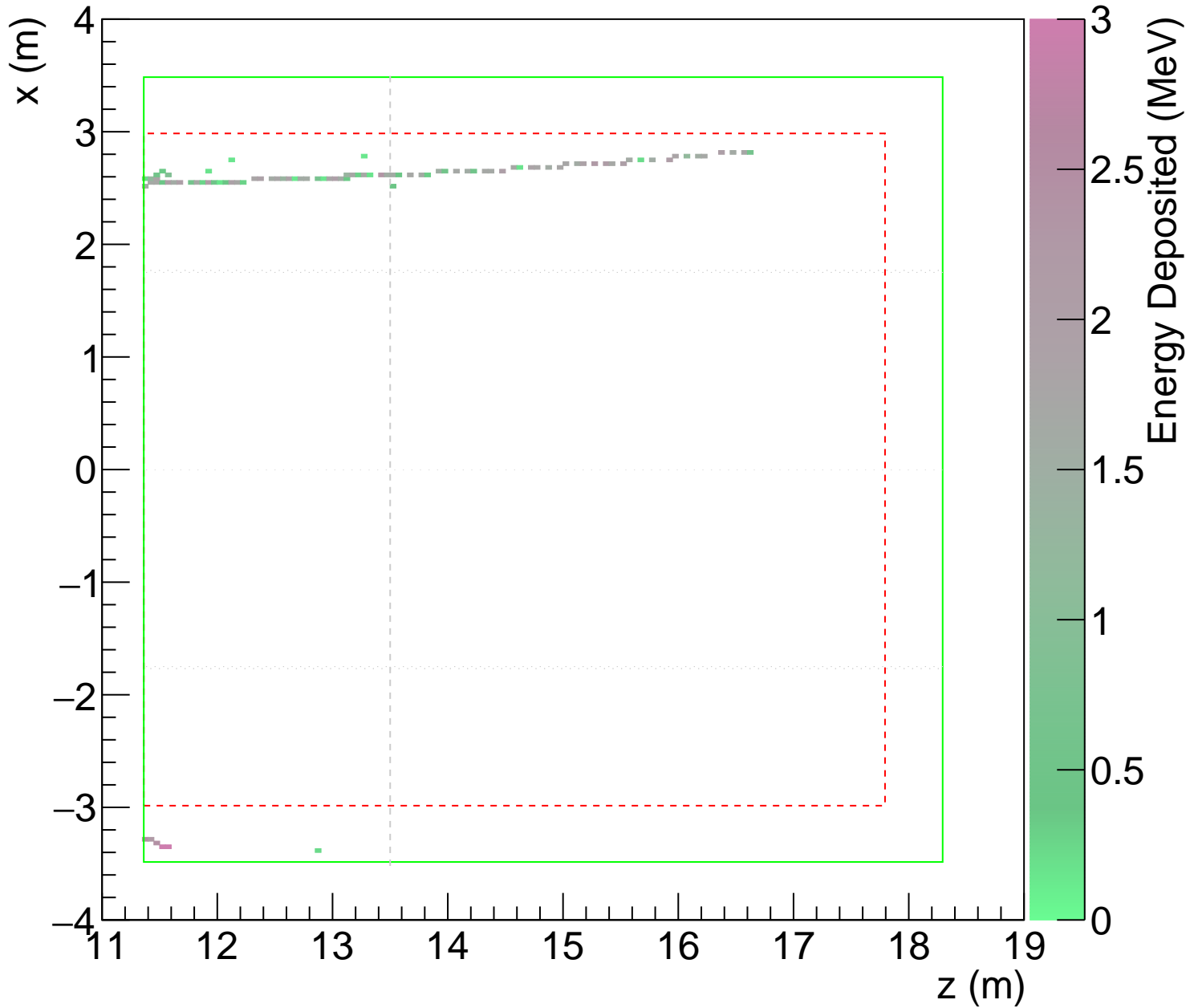


# Event 75 reconstructed

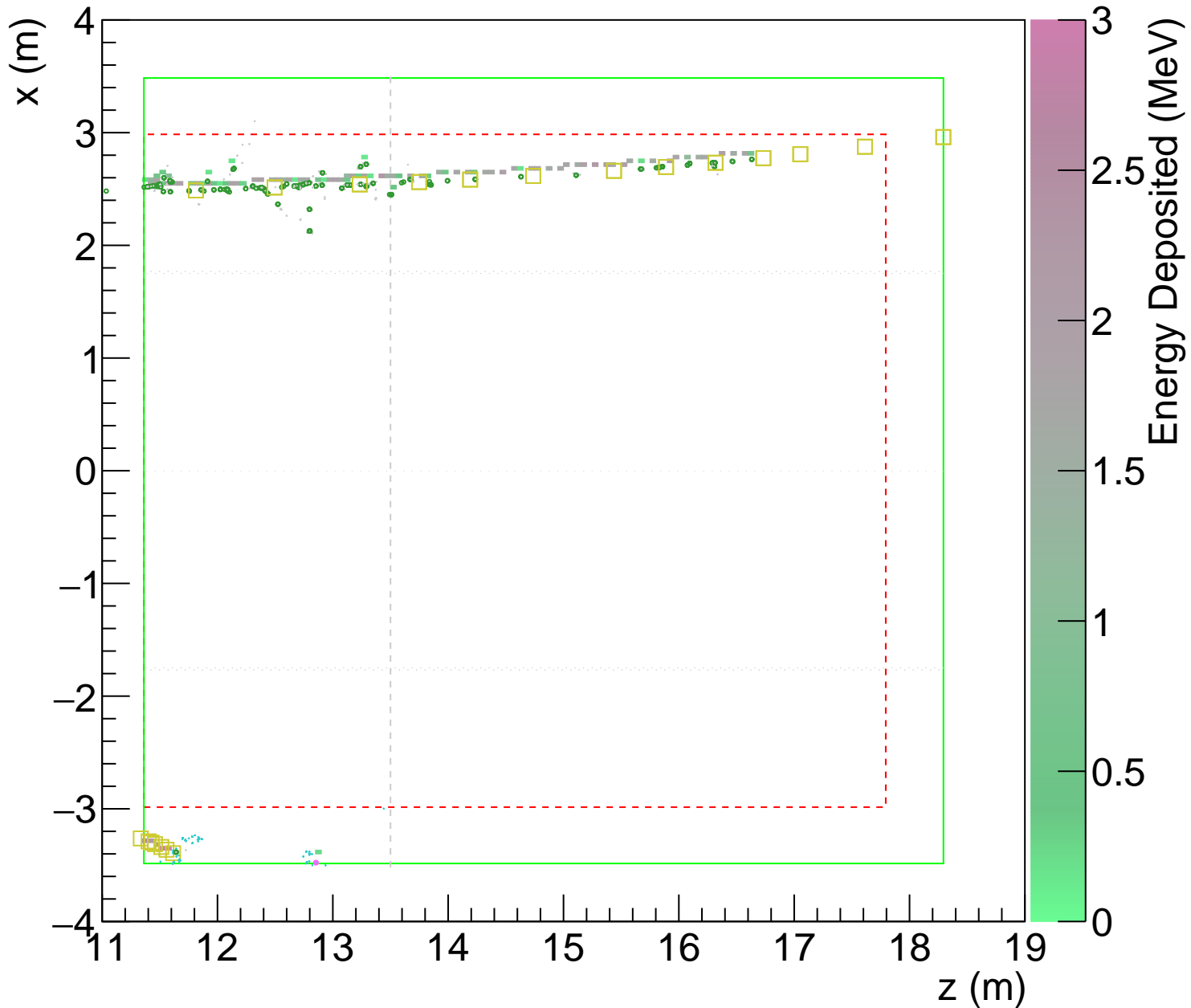
nLines: 1, nClusters: 1



Event 76, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.89$  GeV,  $E_{\mu}^{\text{true}}=12.95$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:2,



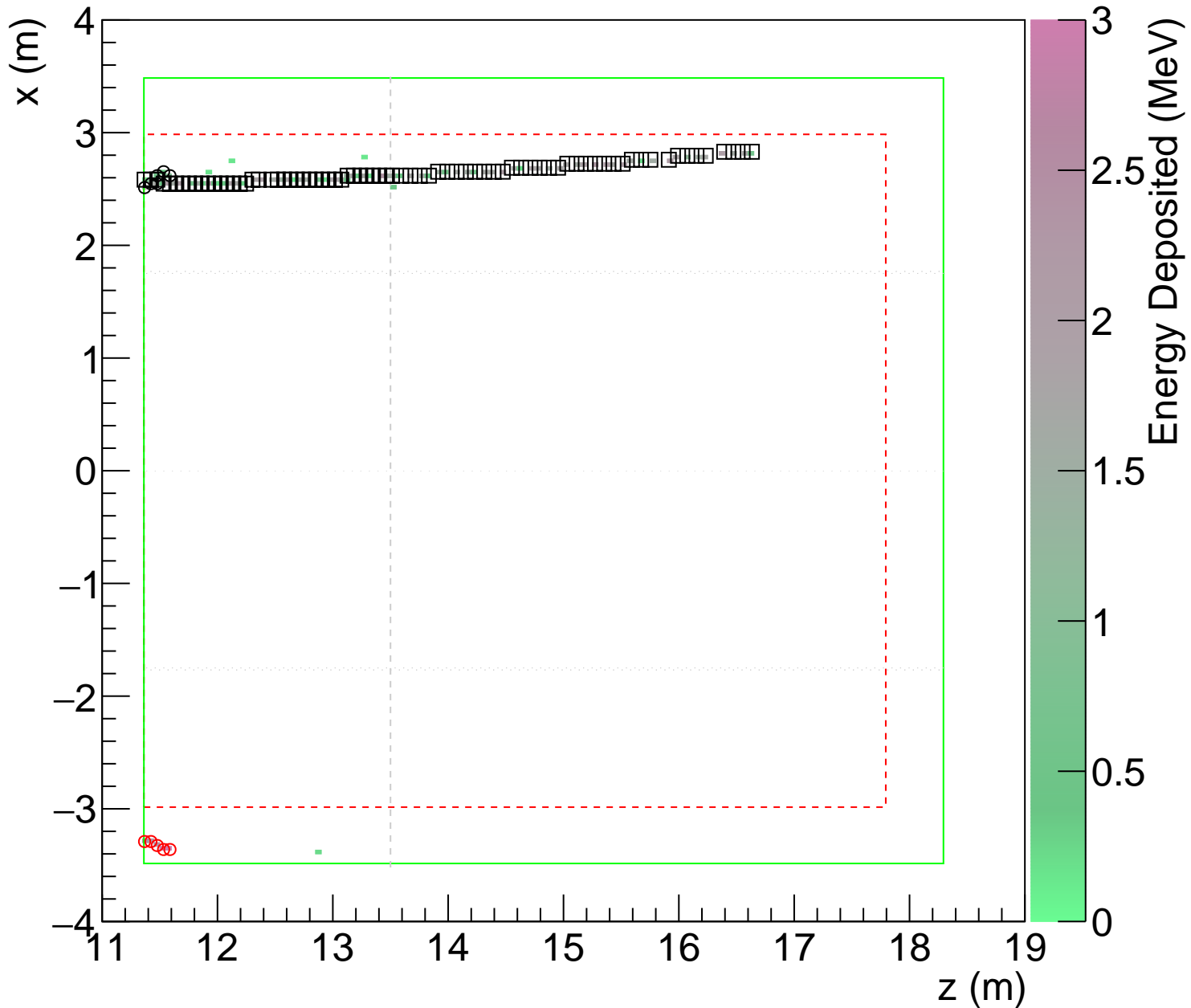
Event 76, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.89$  GeV,  $E_{\mu}^{\text{true}}=12.95$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:2,



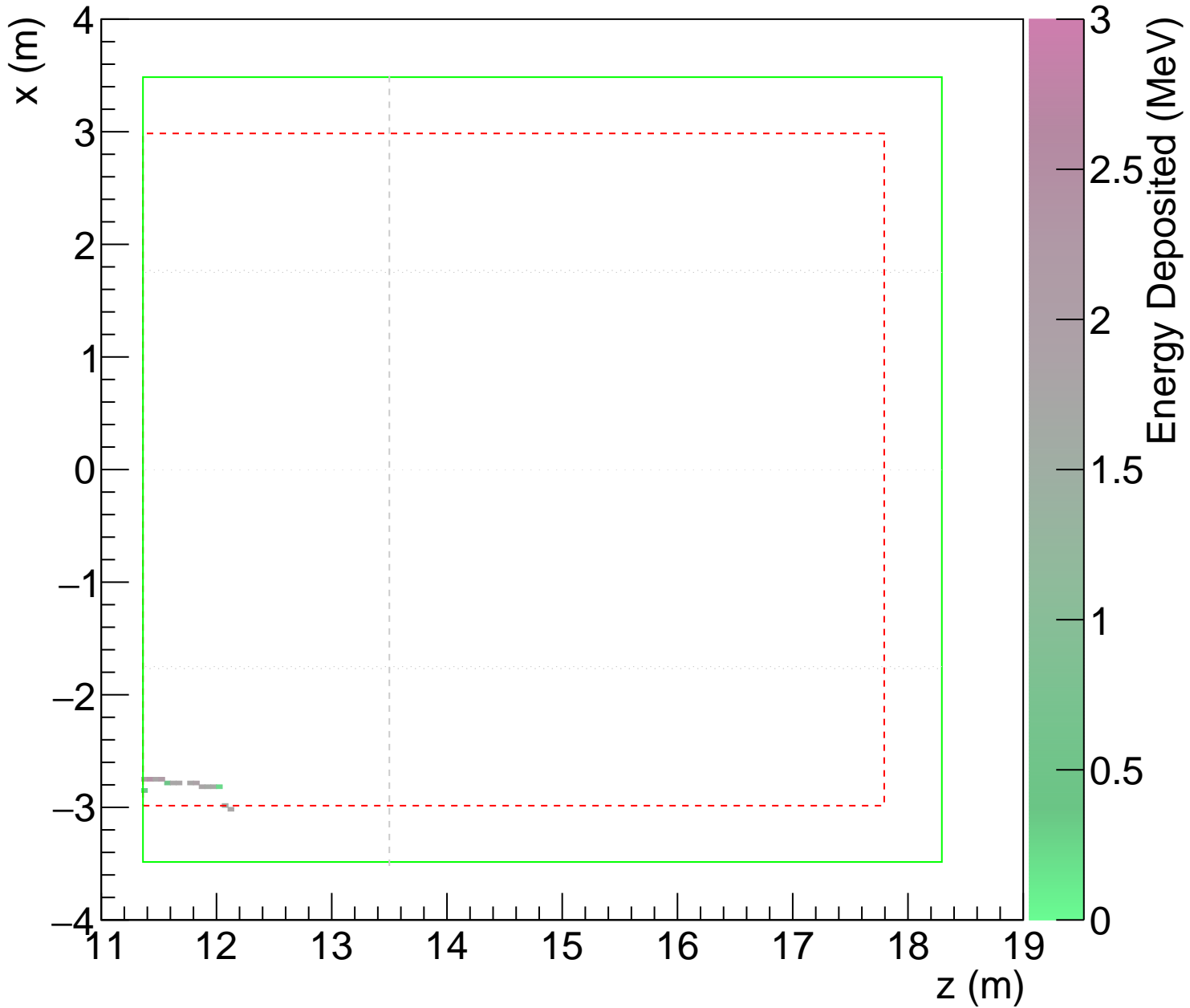


# Event 76 reconstructed

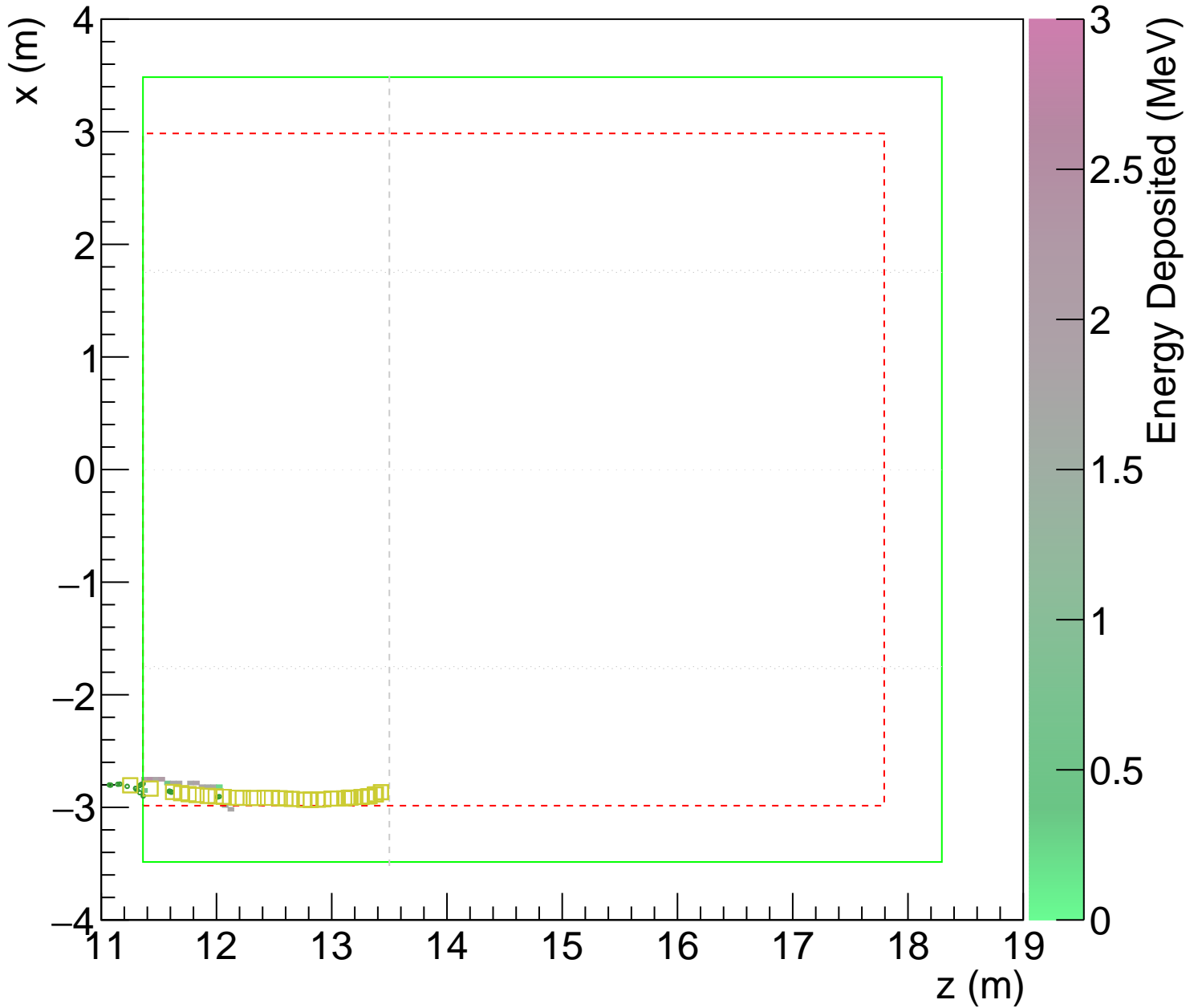
nLines: 1, nClusters: 2



Event 77, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.14$  GeV,  $E_{\mu}^{\text{true}}=1.54$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

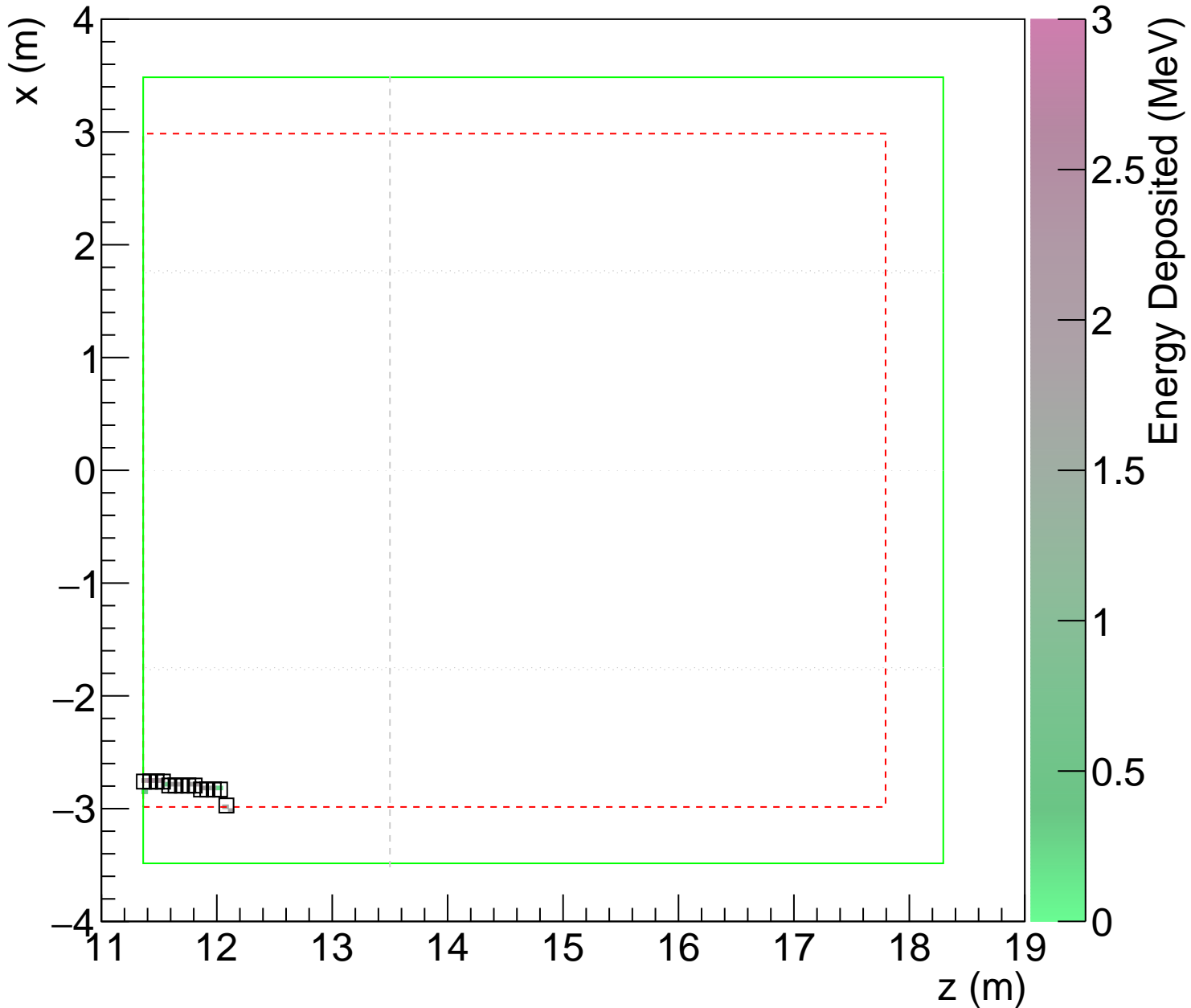


Event 77, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.14$  GeV,  $E_{\mu}^{\text{true}}=1.54$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

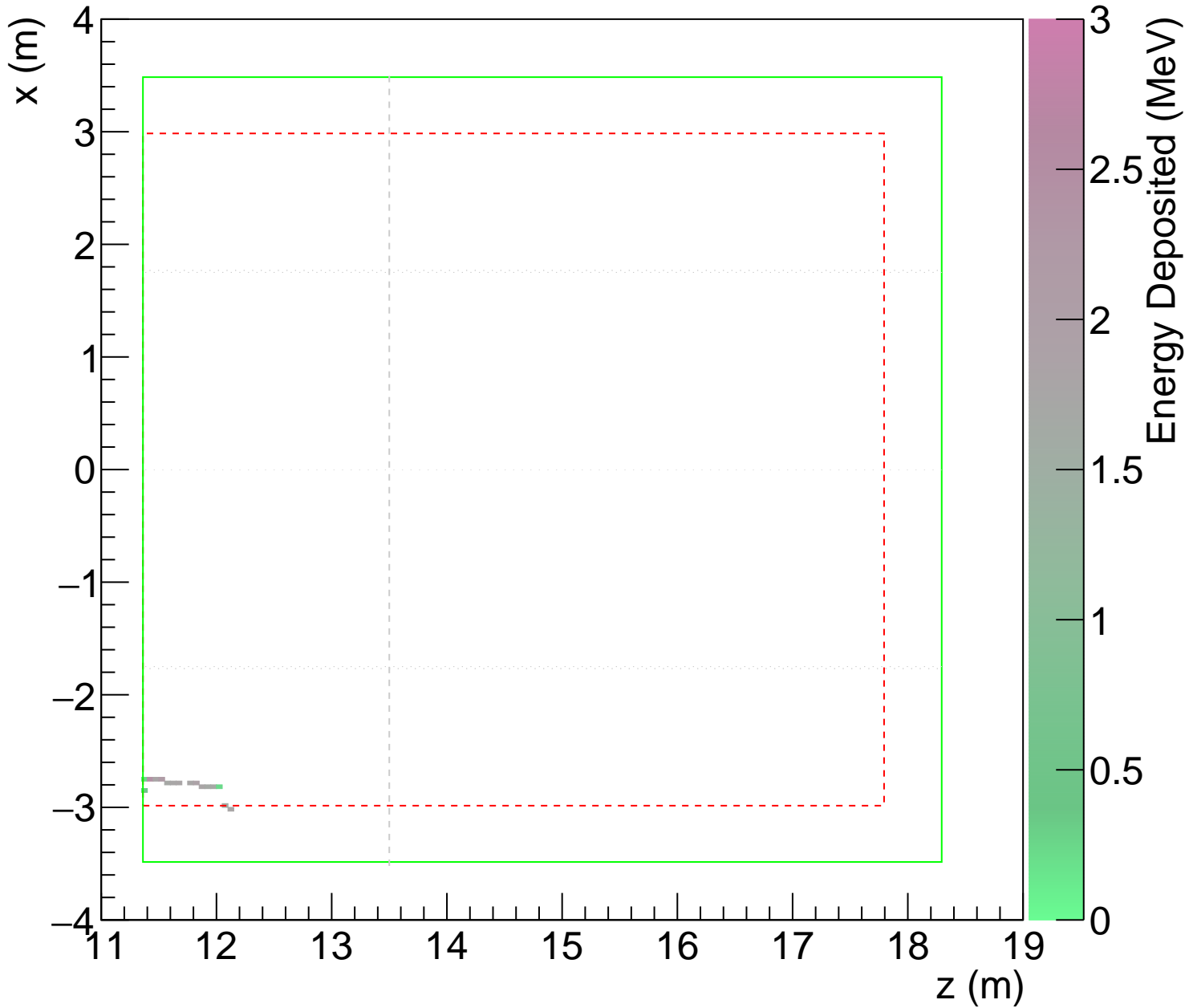


# Event 77 reconstructed

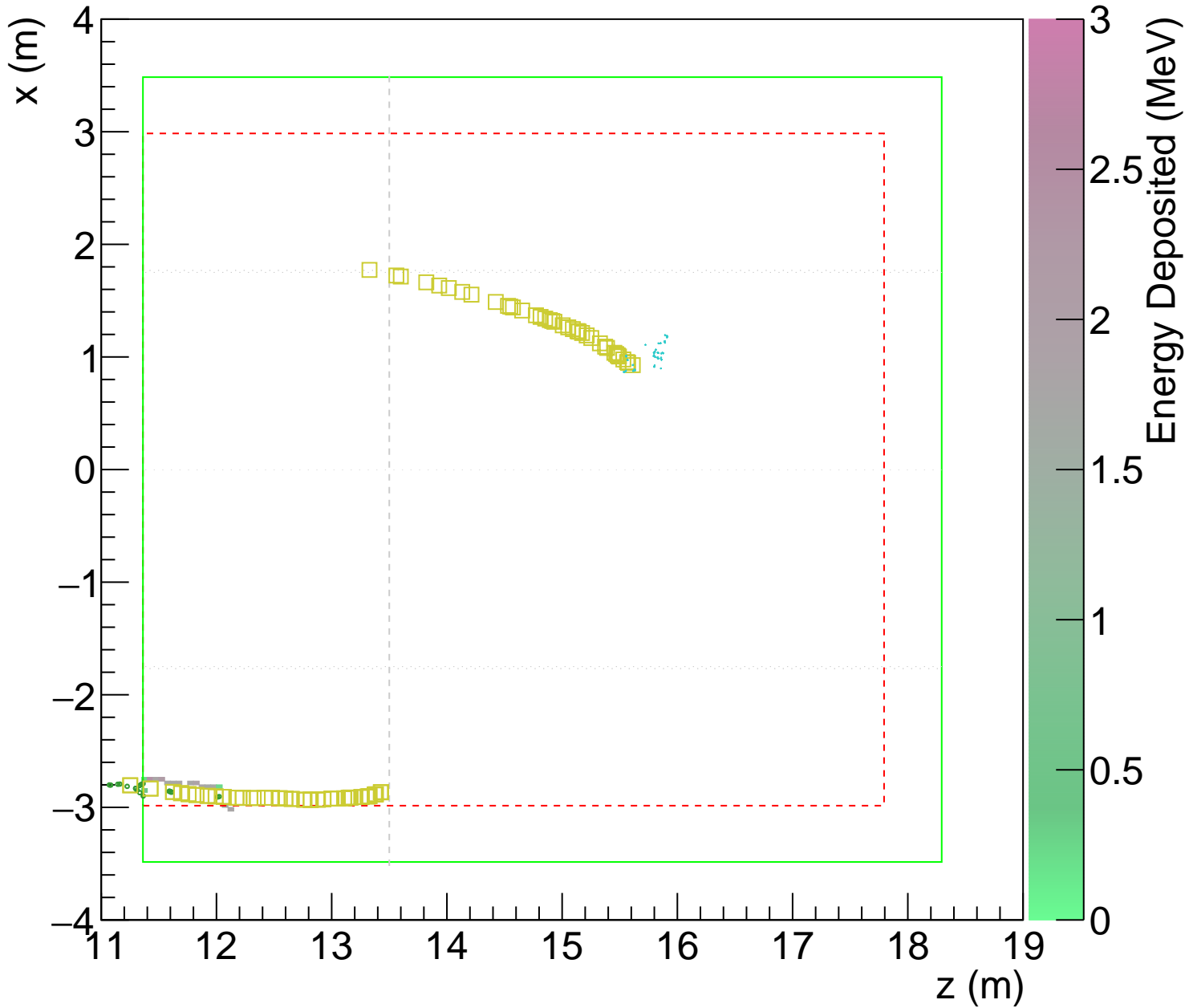
nLines: 1, nClusters: 0



Event 78, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=2.57$  GeV  
nu:14,tgt:1000080160,N:2112,proc:Weak[CC],RES,res:1,

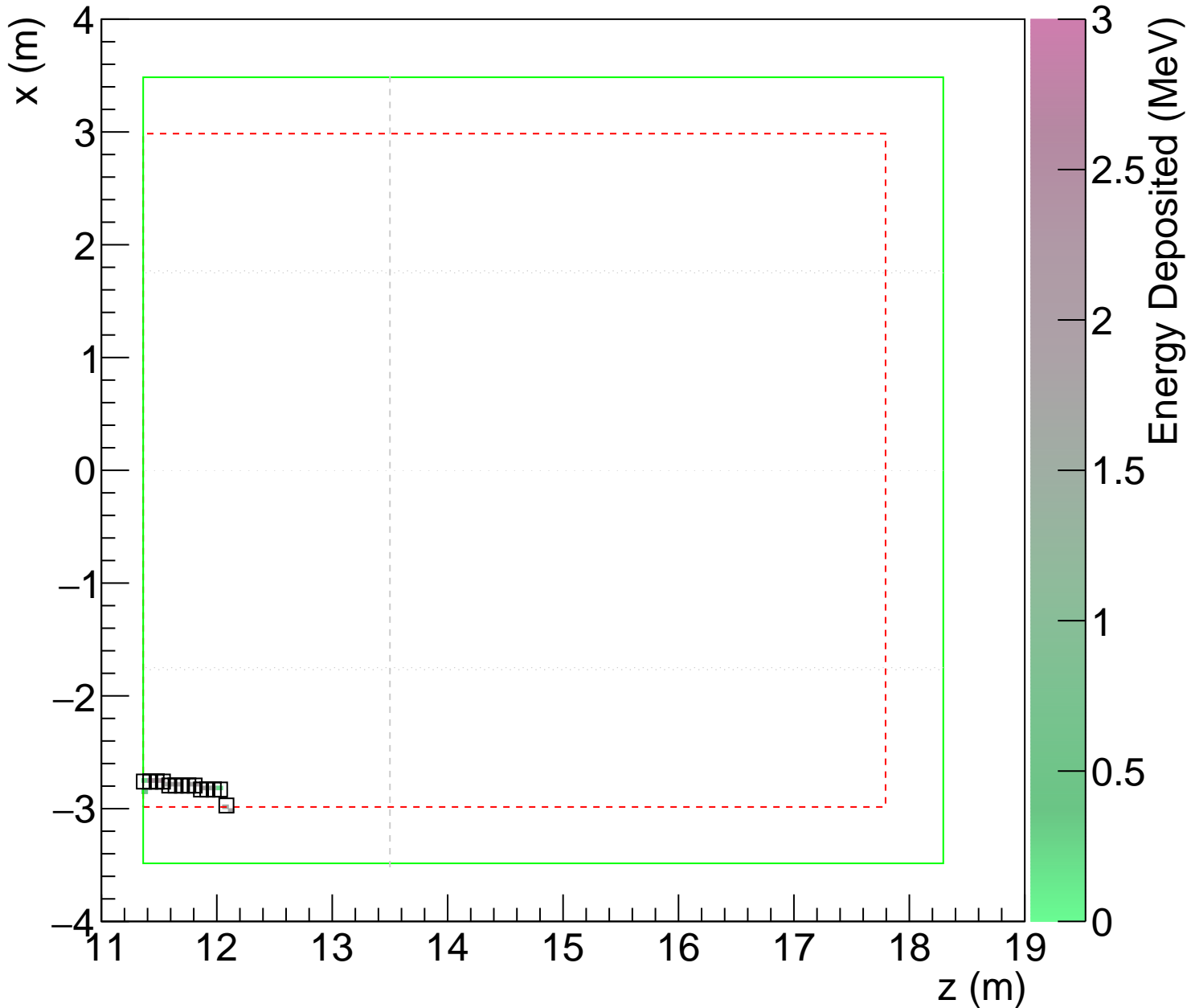


Event 78, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=2.57$  GeV  
nu:14,tgt:1000080160,N:2112,proc:Weak[CC],RES,res:1,

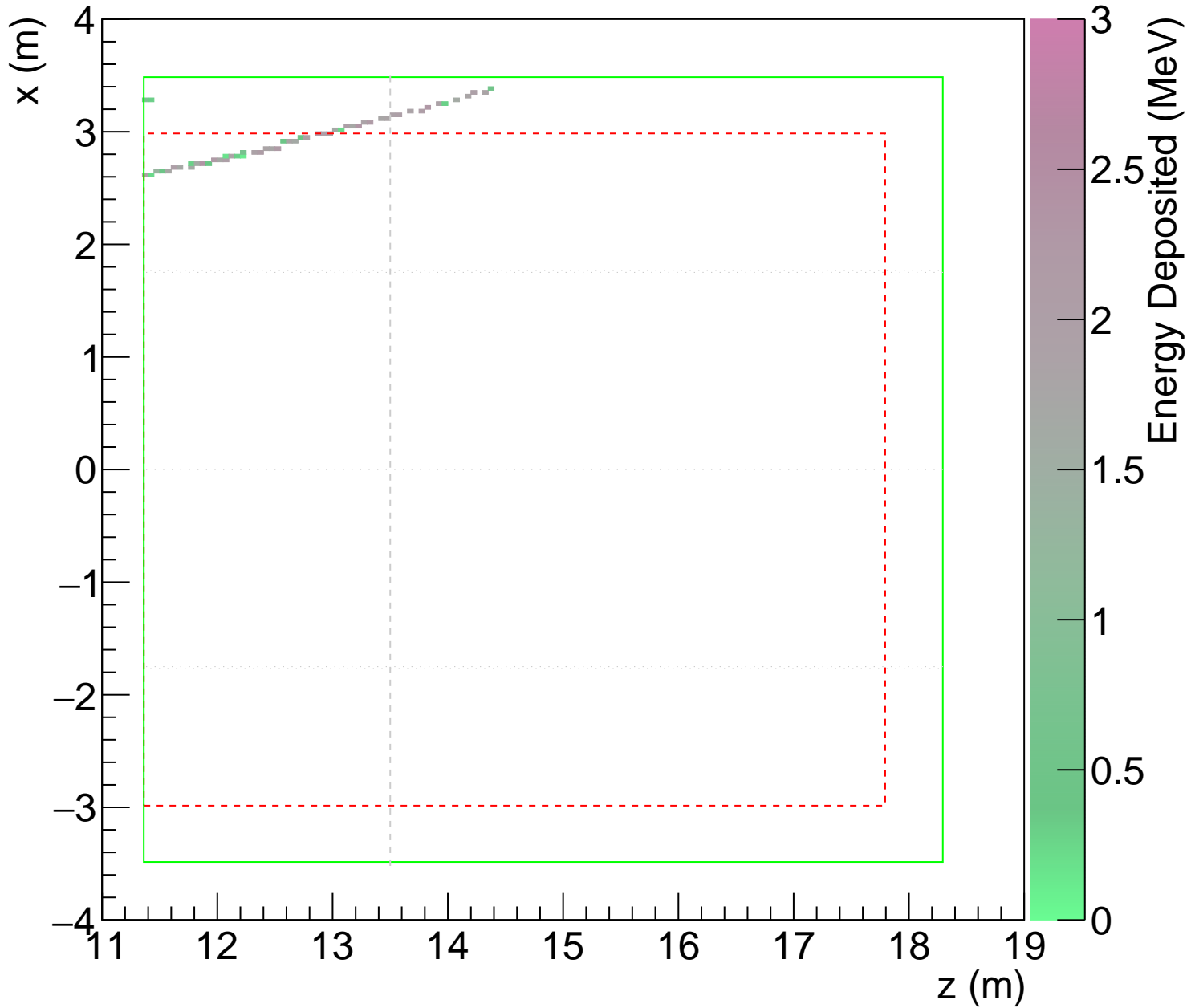


# Event 78 reconstructed

nLines: 1, nClusters: 0

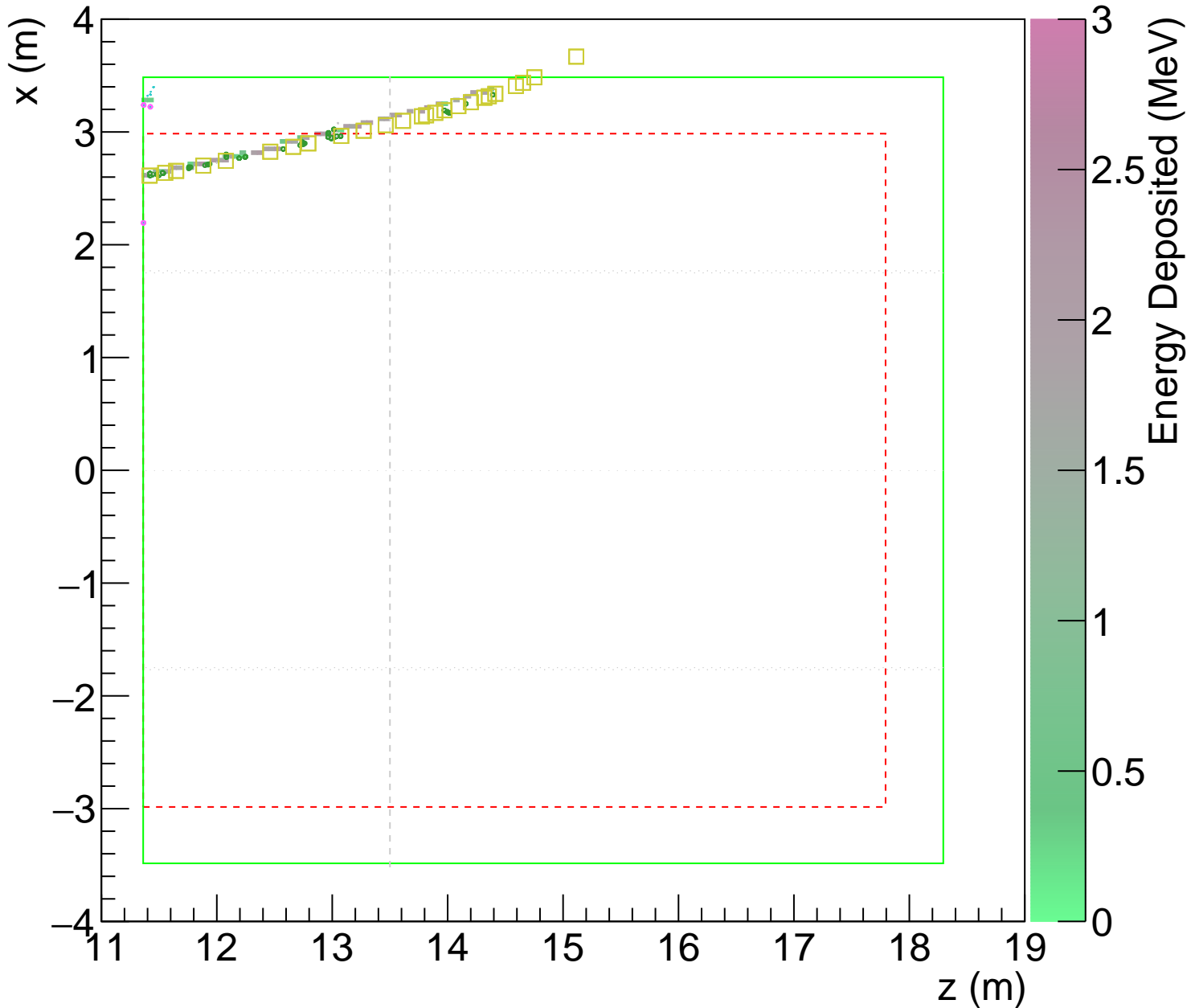


Event 79, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=7.72$  GeV,  $E_{\mu}^{\text{true}}=4.44$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



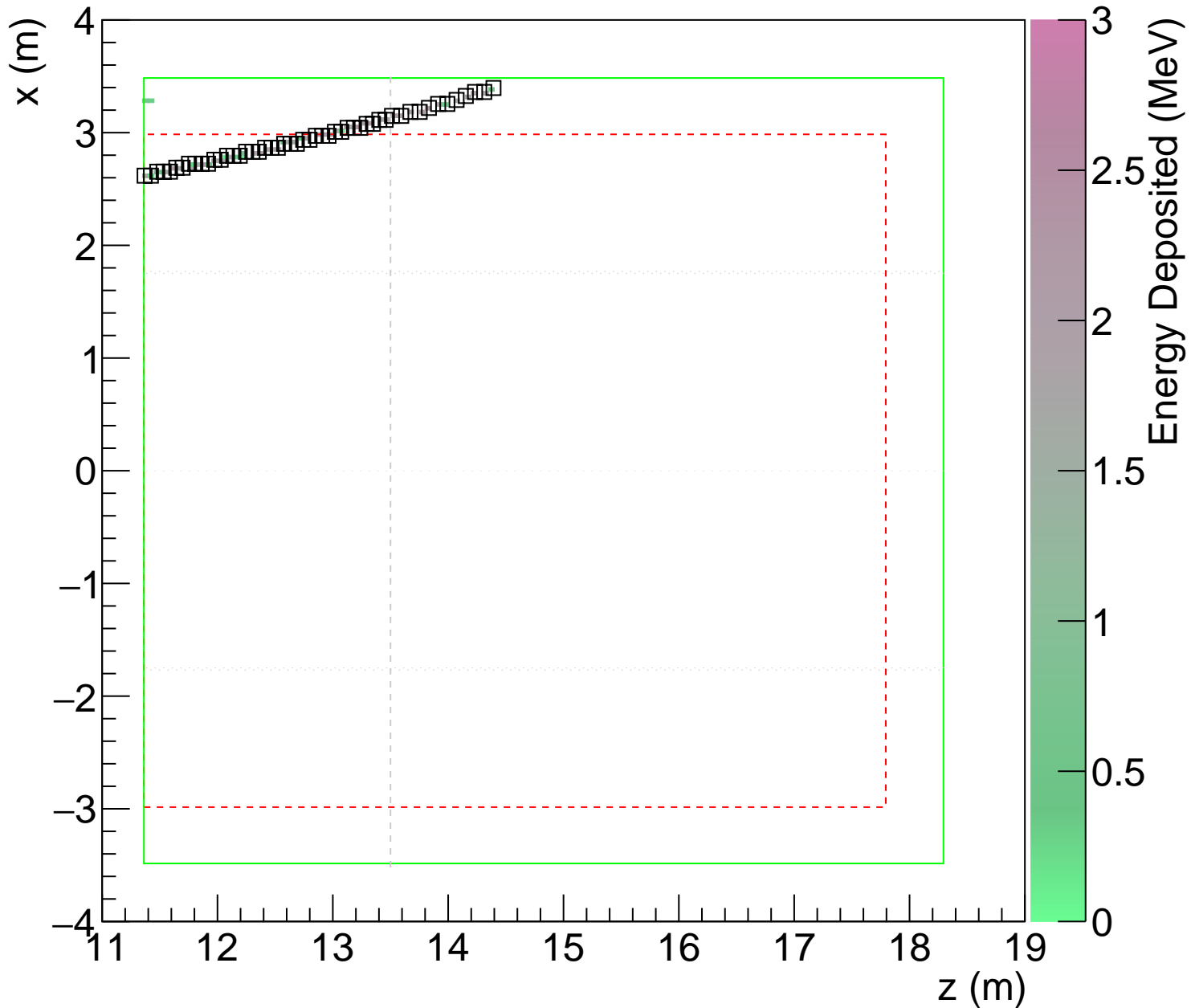


Event 79, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=7.72$  GeV,  $E_{\mu}^{\text{true}}=4.44$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

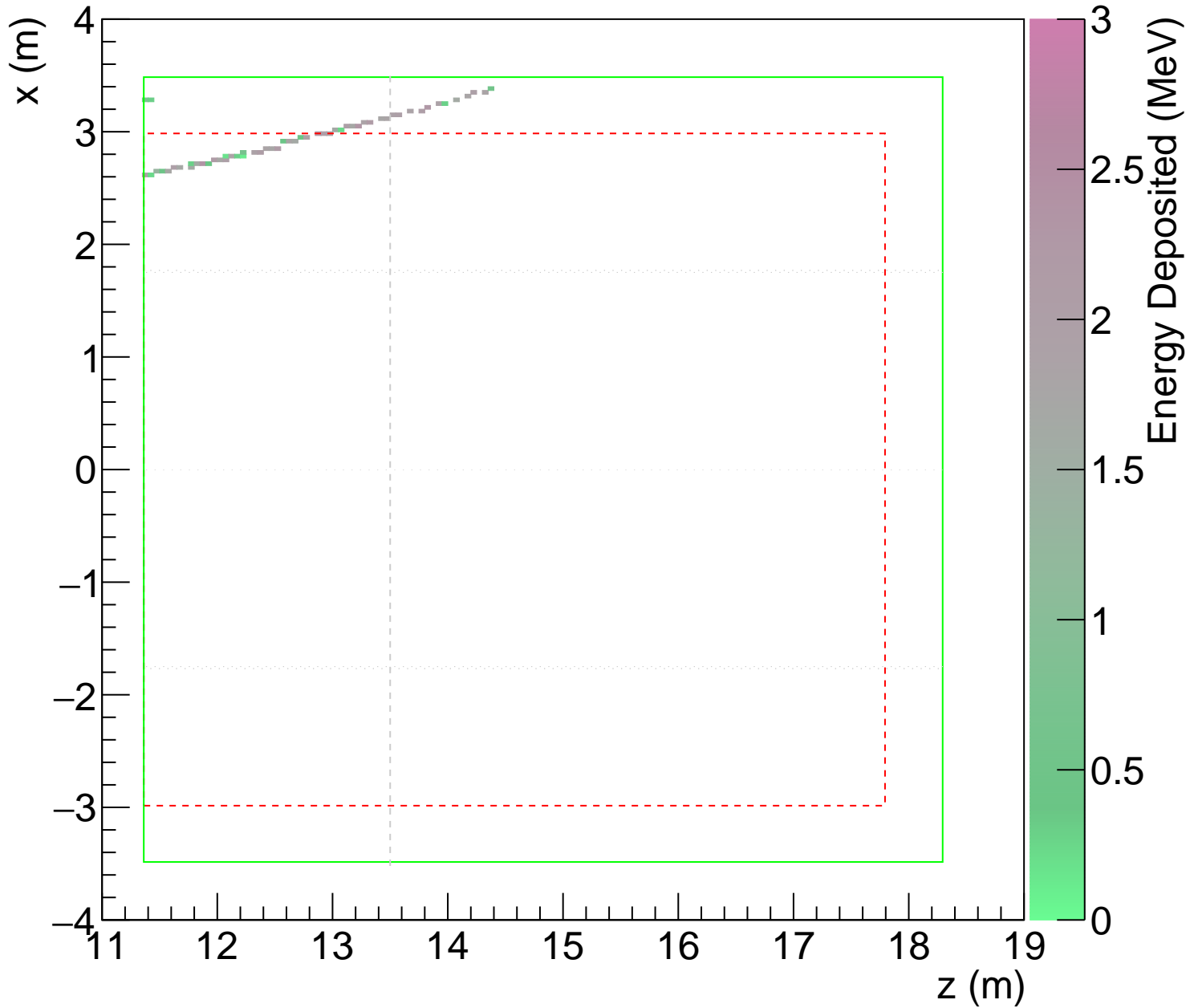


# Event 79 reconstructed

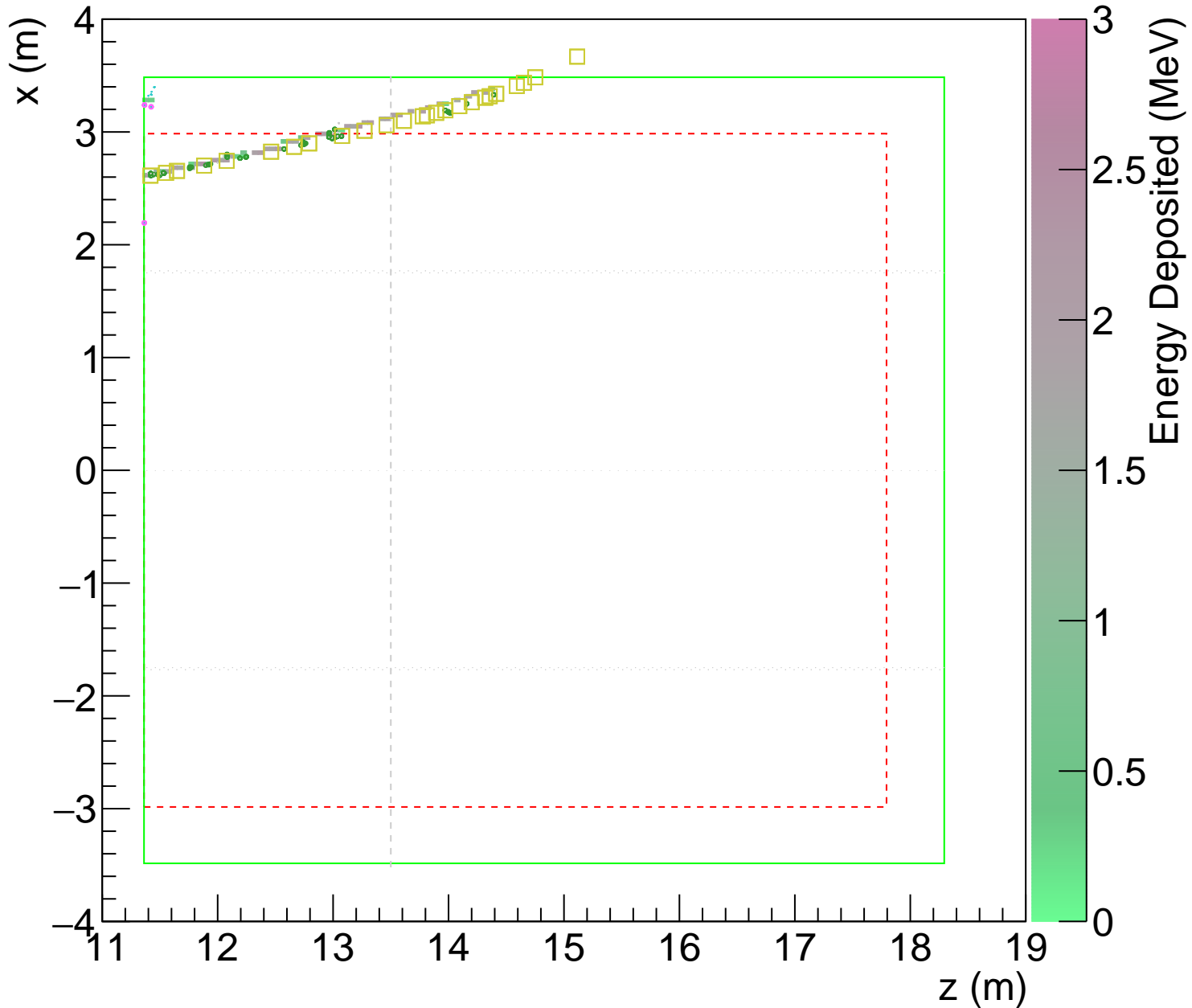
nLines: 1, nClusters: 0



Event 80, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.68$  GeV,  $E_{\mu}^{\text{true}}=4.44$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

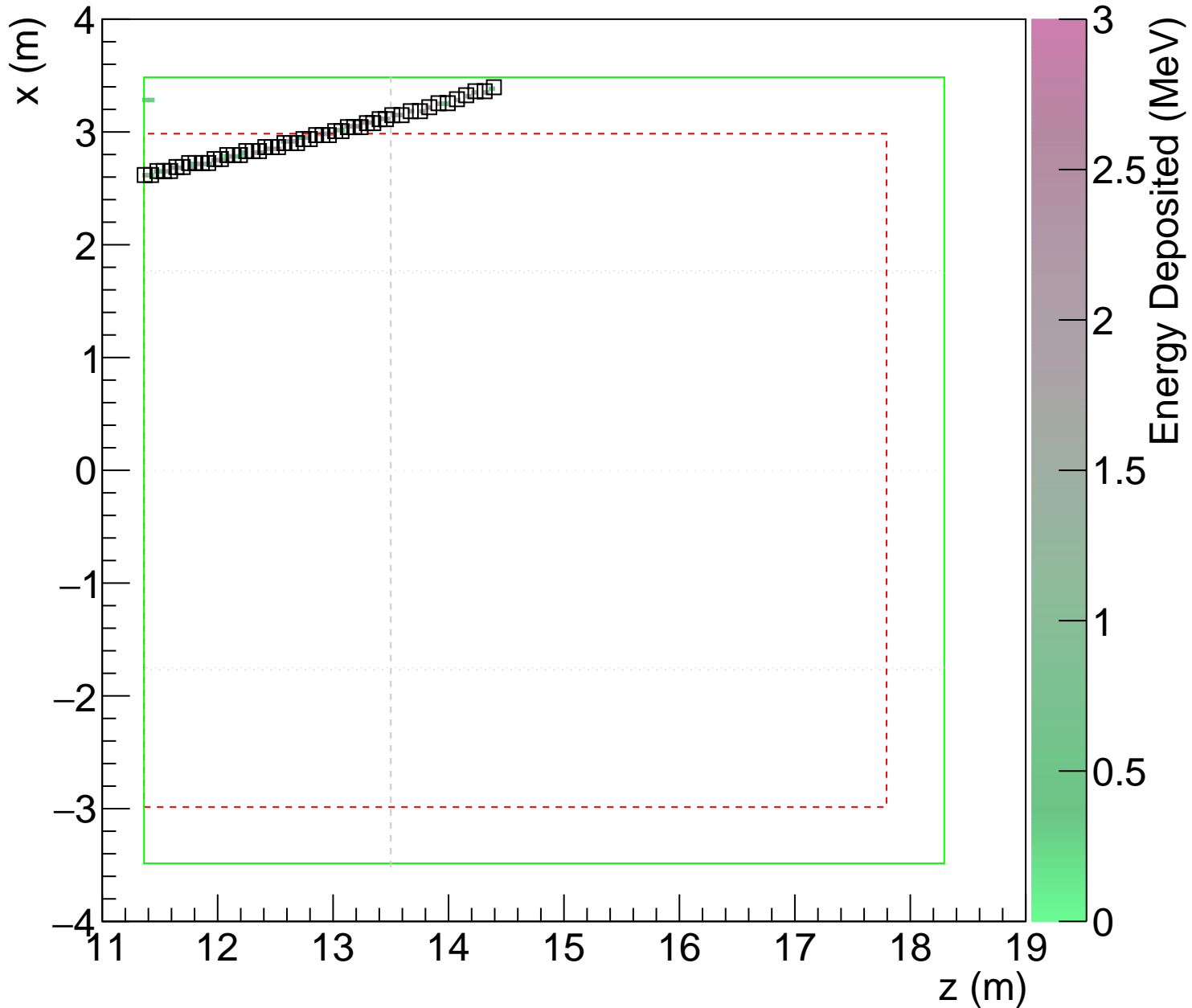


Event 80, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.68$  GeV,  $E_{\mu}^{\text{true}}=4.44$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

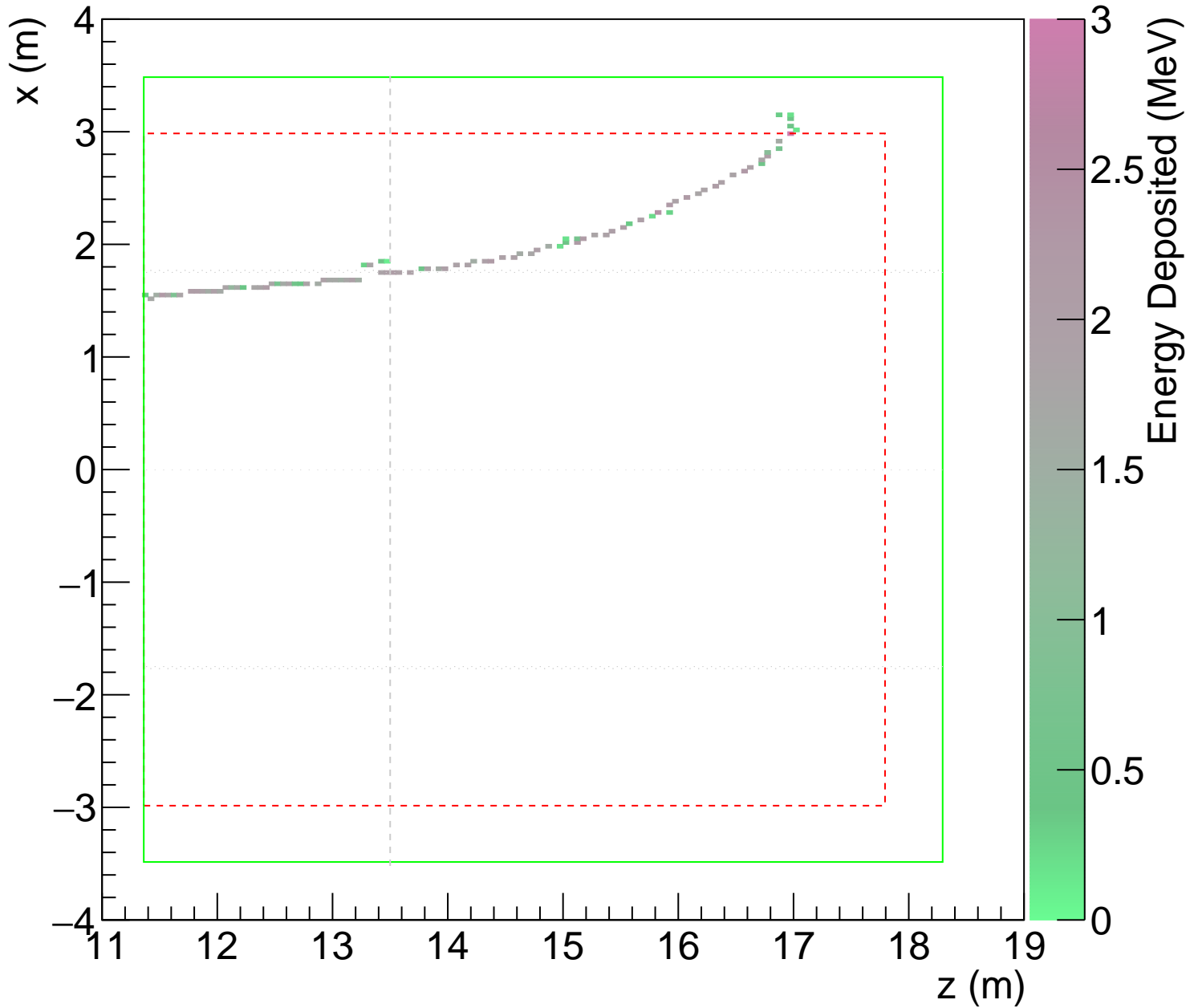


# Event 80 reconstructed

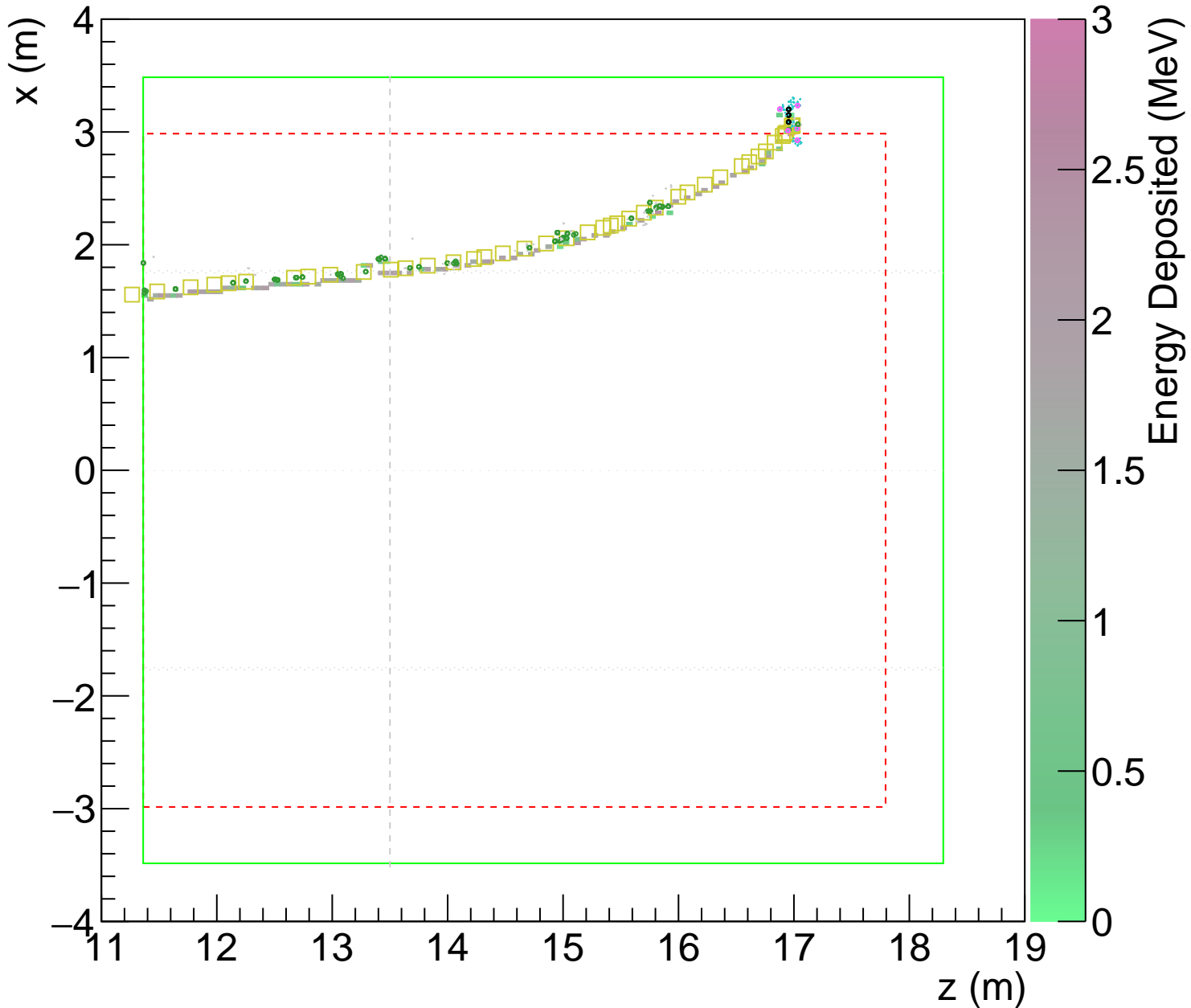
nLines: 1, nClusters: 0



Event 81, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.52$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

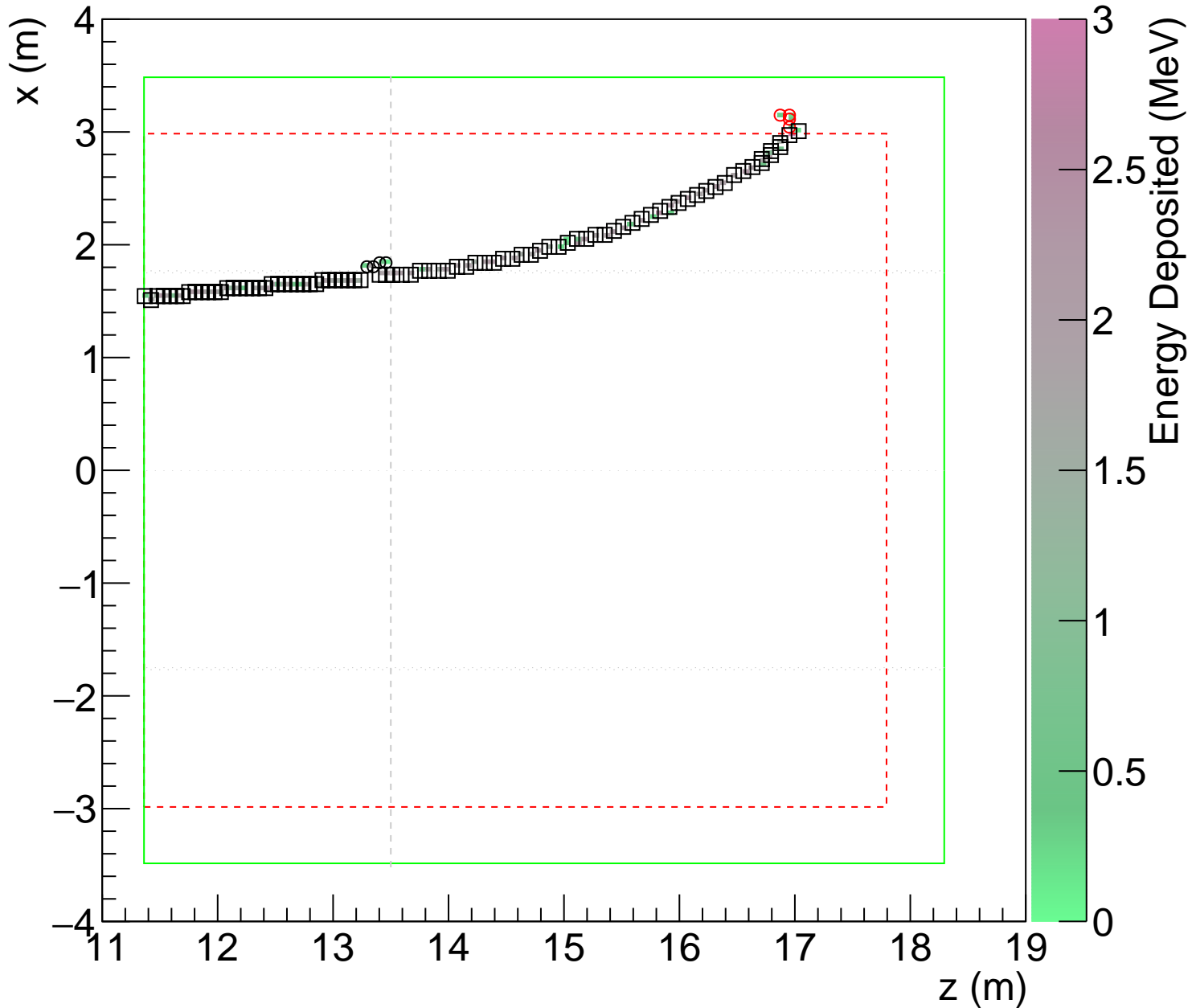


Event 81, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.52$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



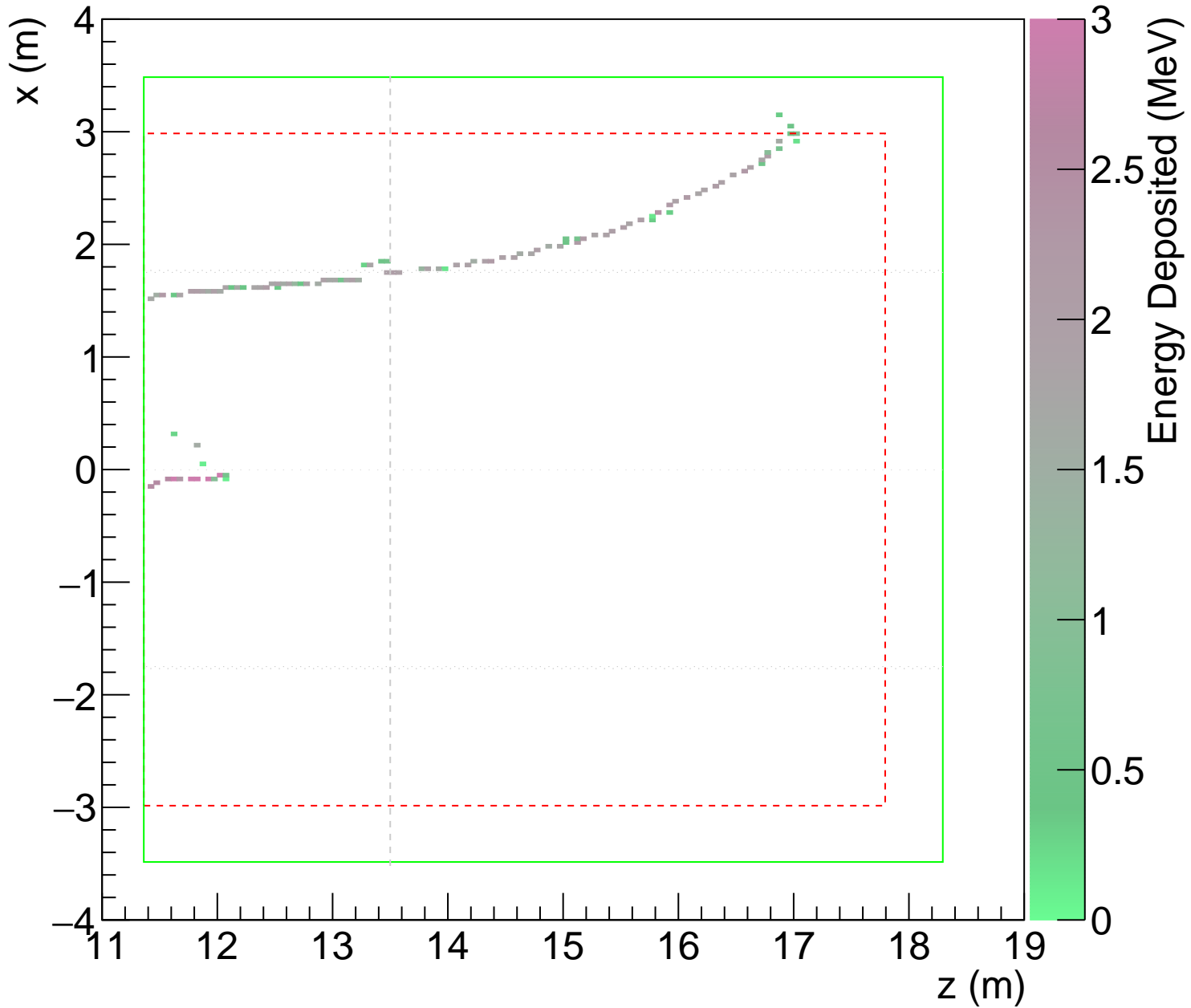
# Event 81 reconstructed

nLines: 1, nClusters: 2

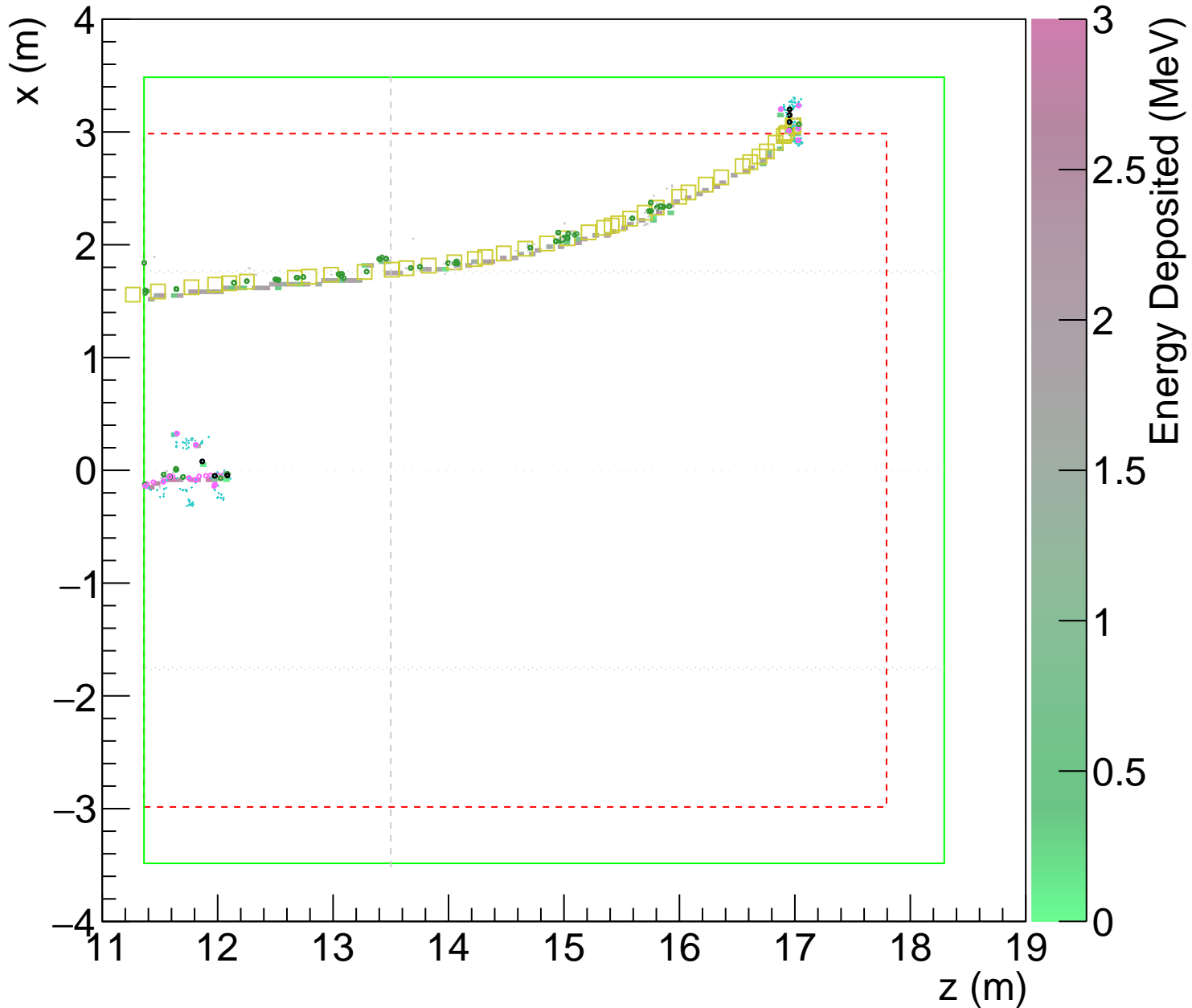




Event 82, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:8,

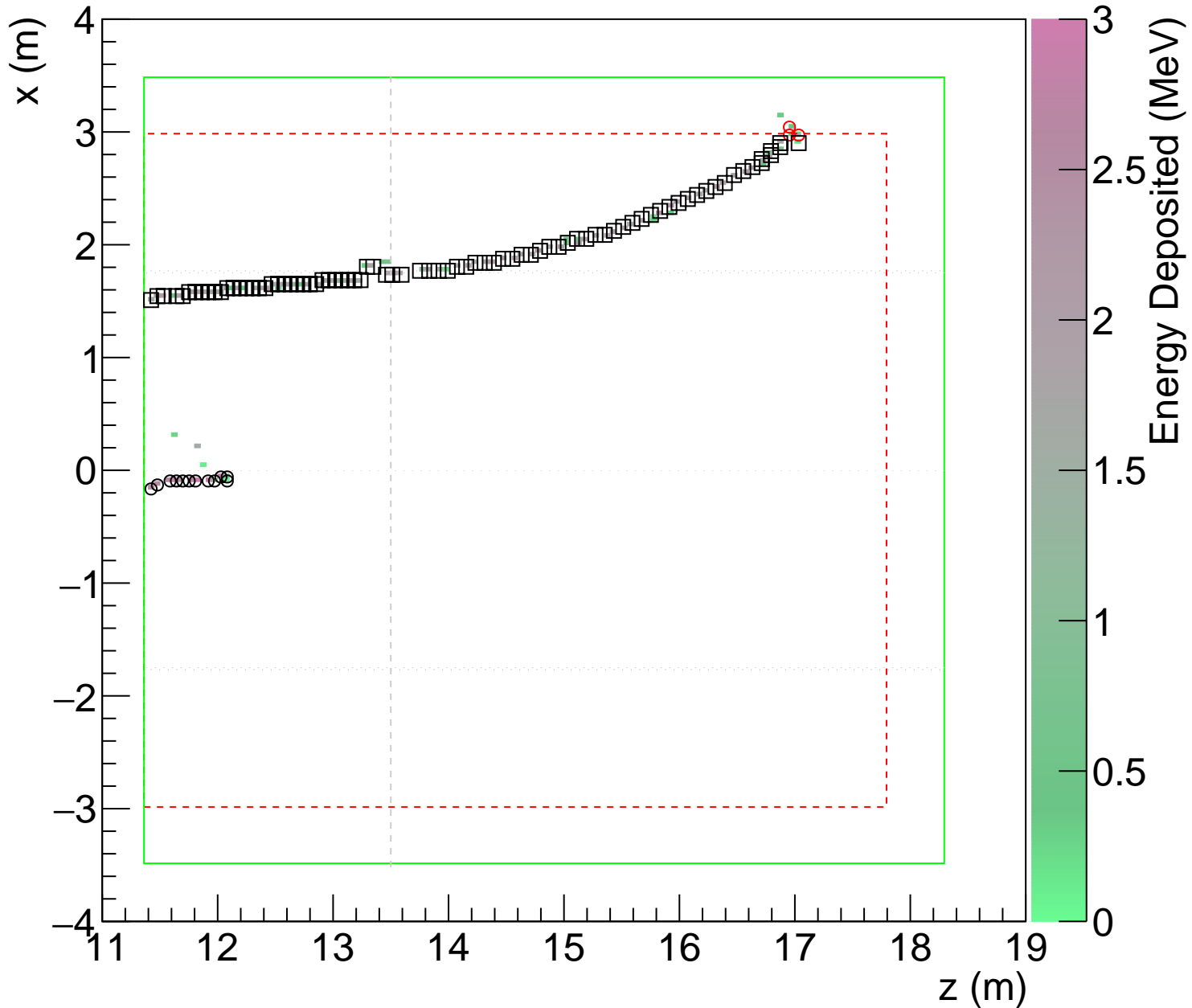


Event 82, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=3.85$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:8,

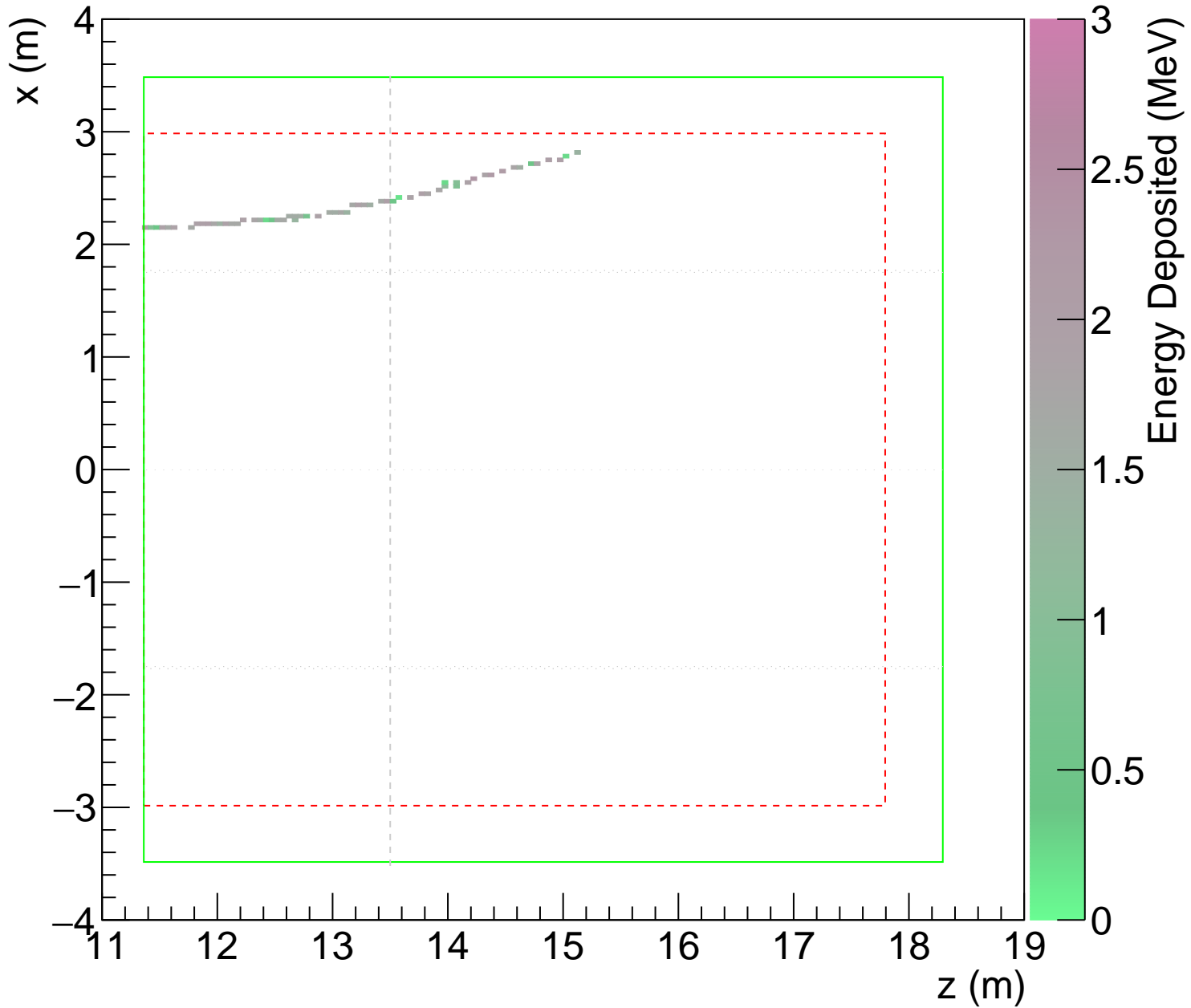


# Event 82 reconstructed

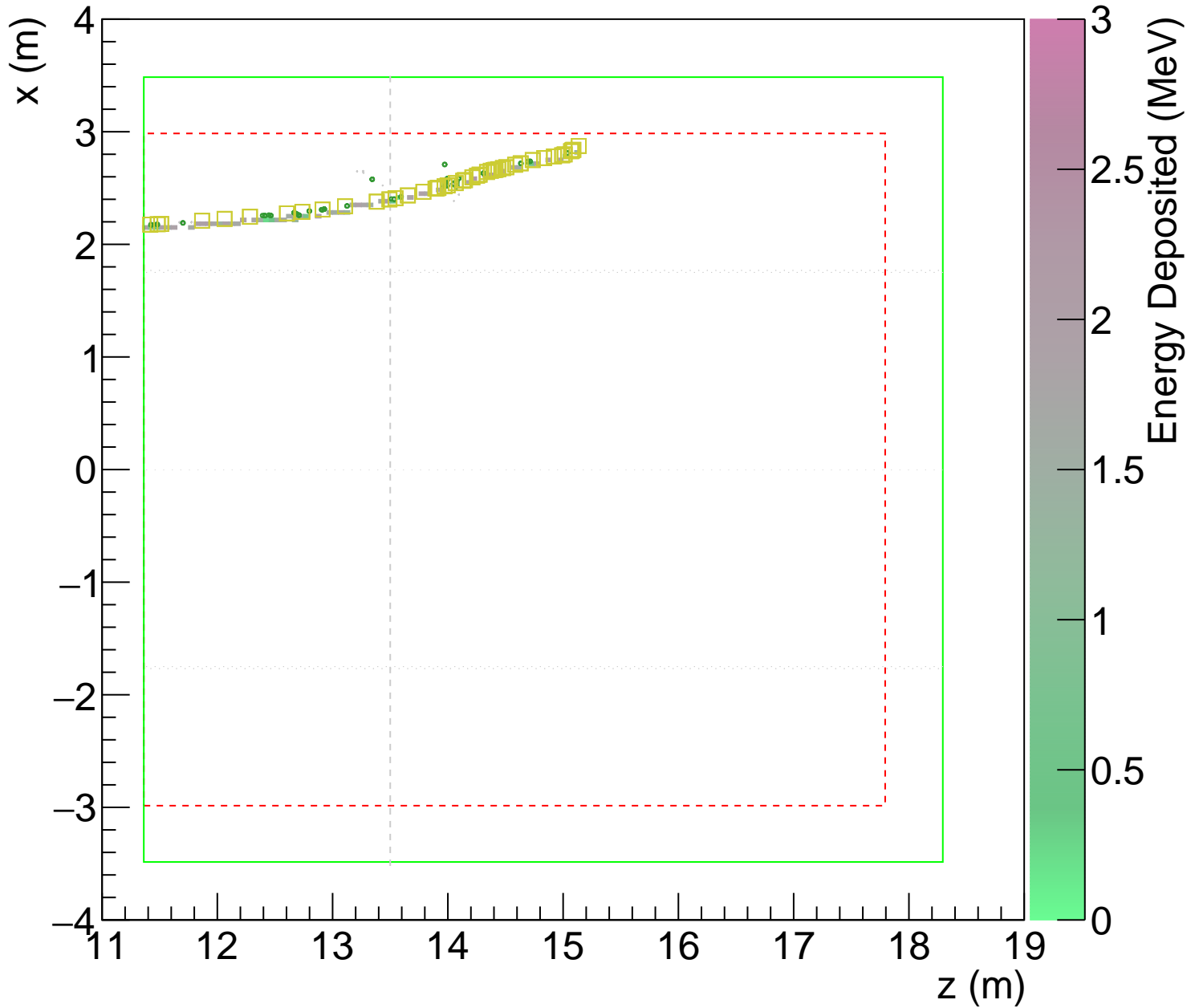
nLines: 1, nClusters: 2



Event 85, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.39$  GeV,  $E_{\mu}^{\text{true}}=2.14$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

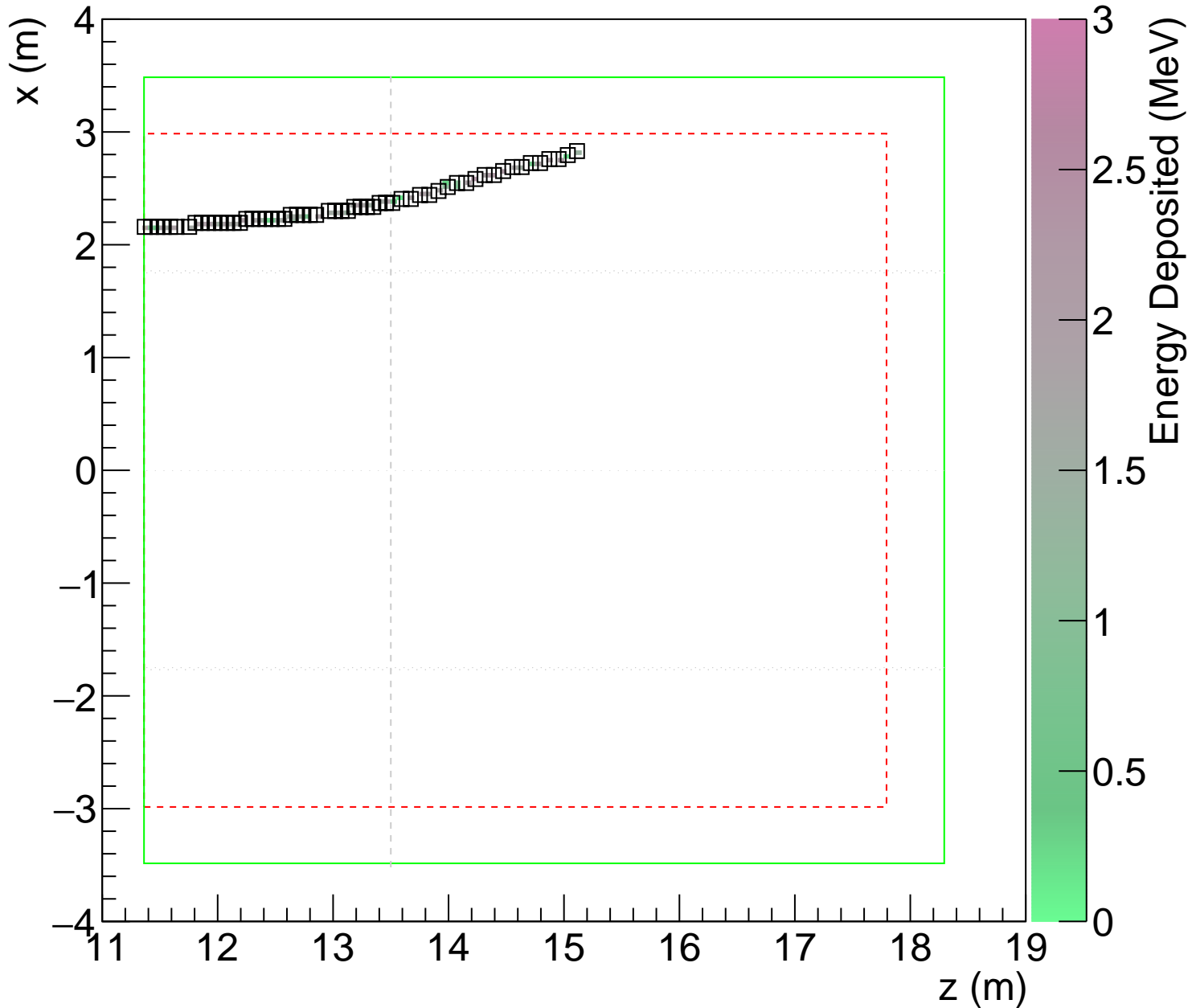


Event 85, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.39$  GeV,  $E_{\mu}^{\text{true}}=2.14$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

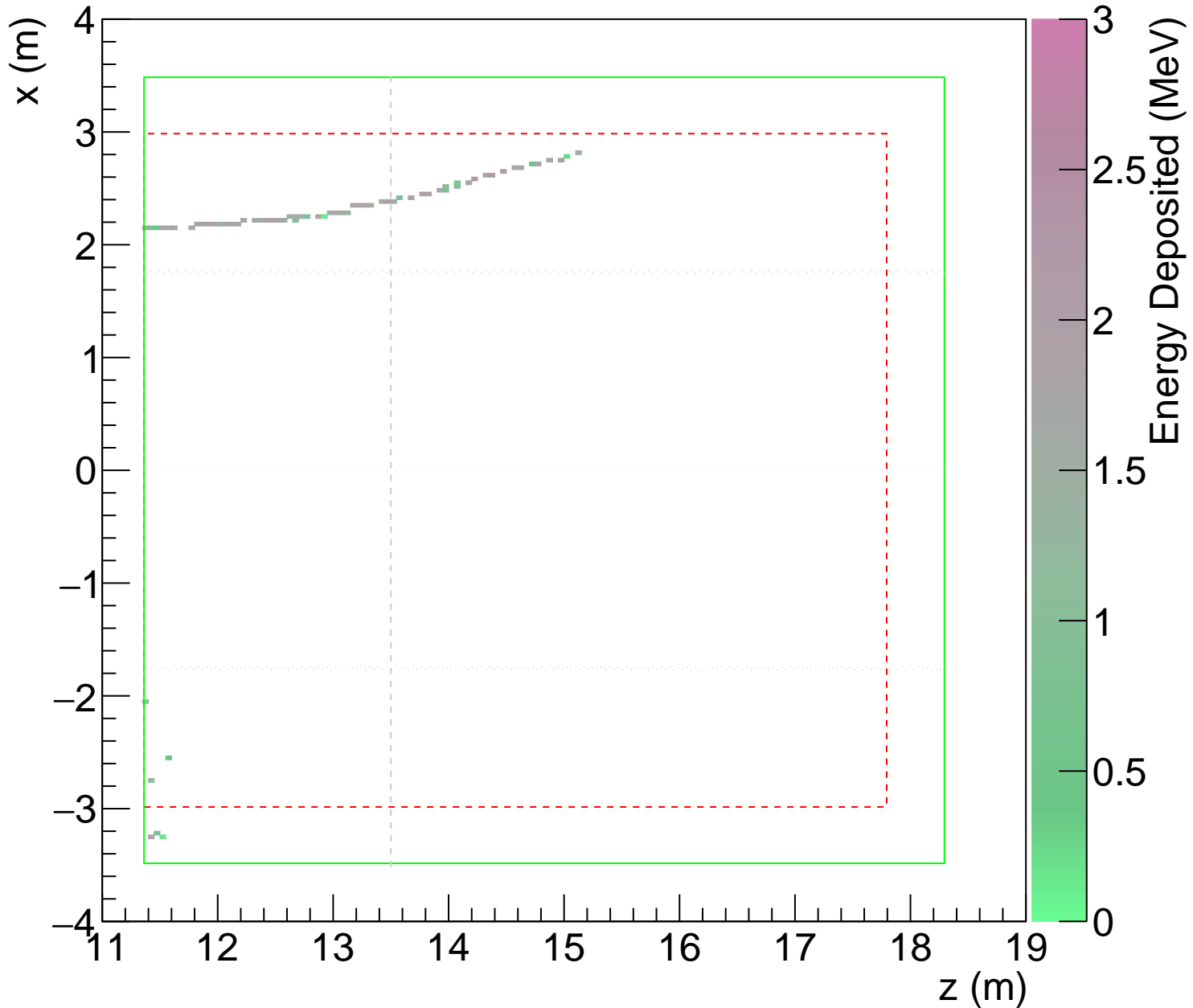


# Event 85 reconstructed

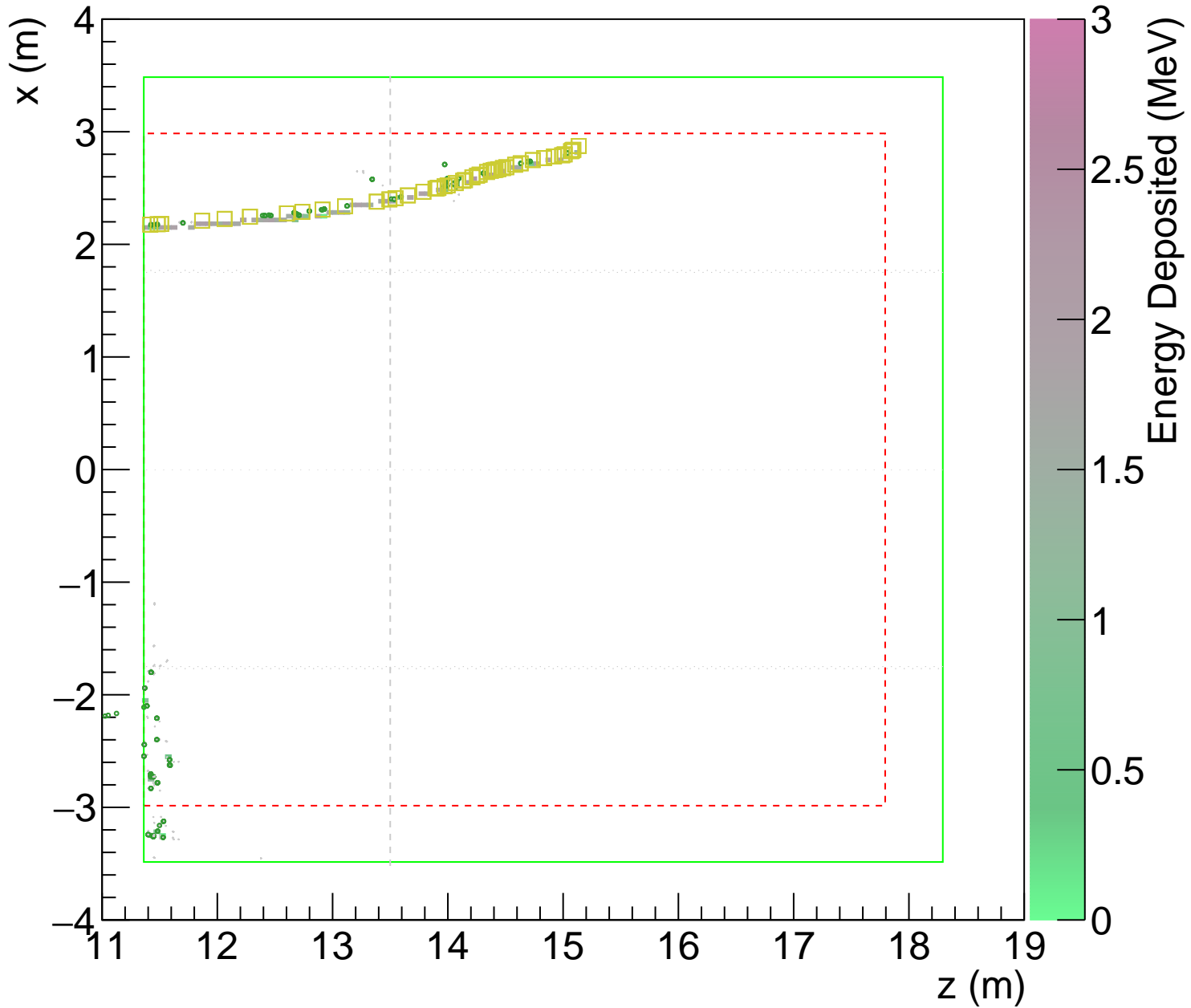
nLines: 1, nClusters: 0



Event 86, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=37.75$  GeV,  $E_{\mu}^{\text{true}}=2.14$  GeV  
nu:12,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



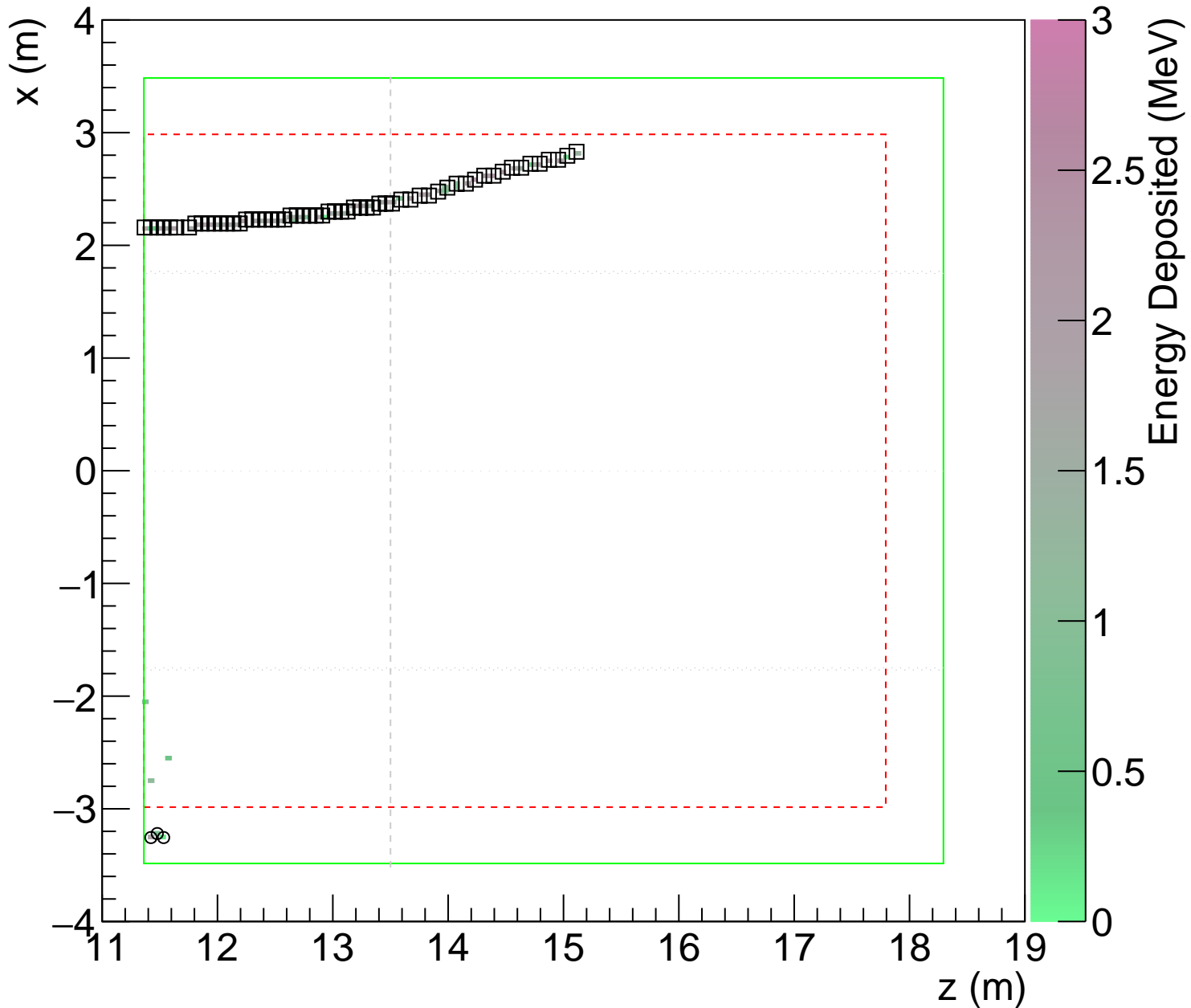
Event 86, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=37.75$  GeV,  $E_{\mu}^{\text{true}}=2.14$  GeV  
nu:12,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



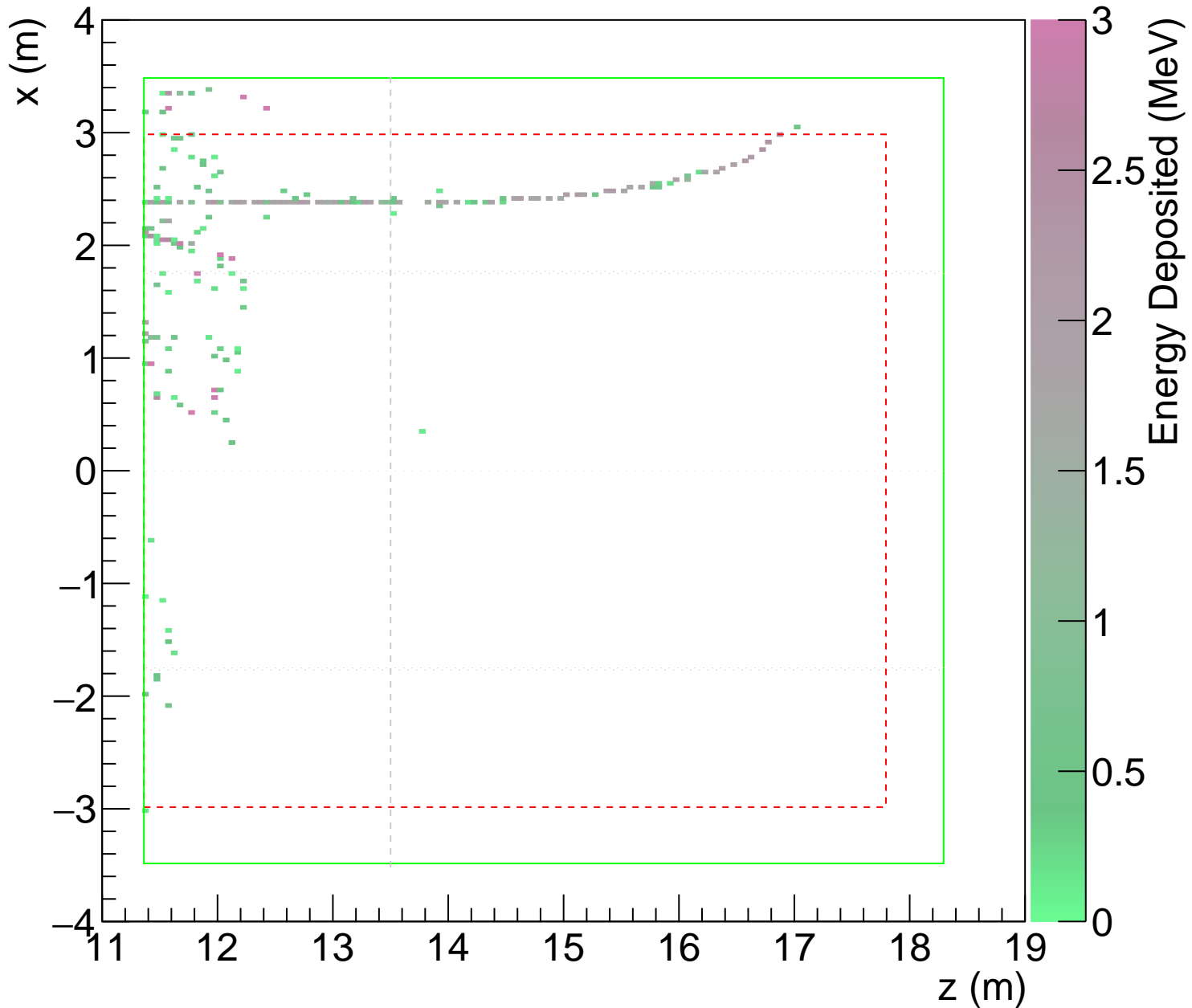


# Event 86 reconstructed

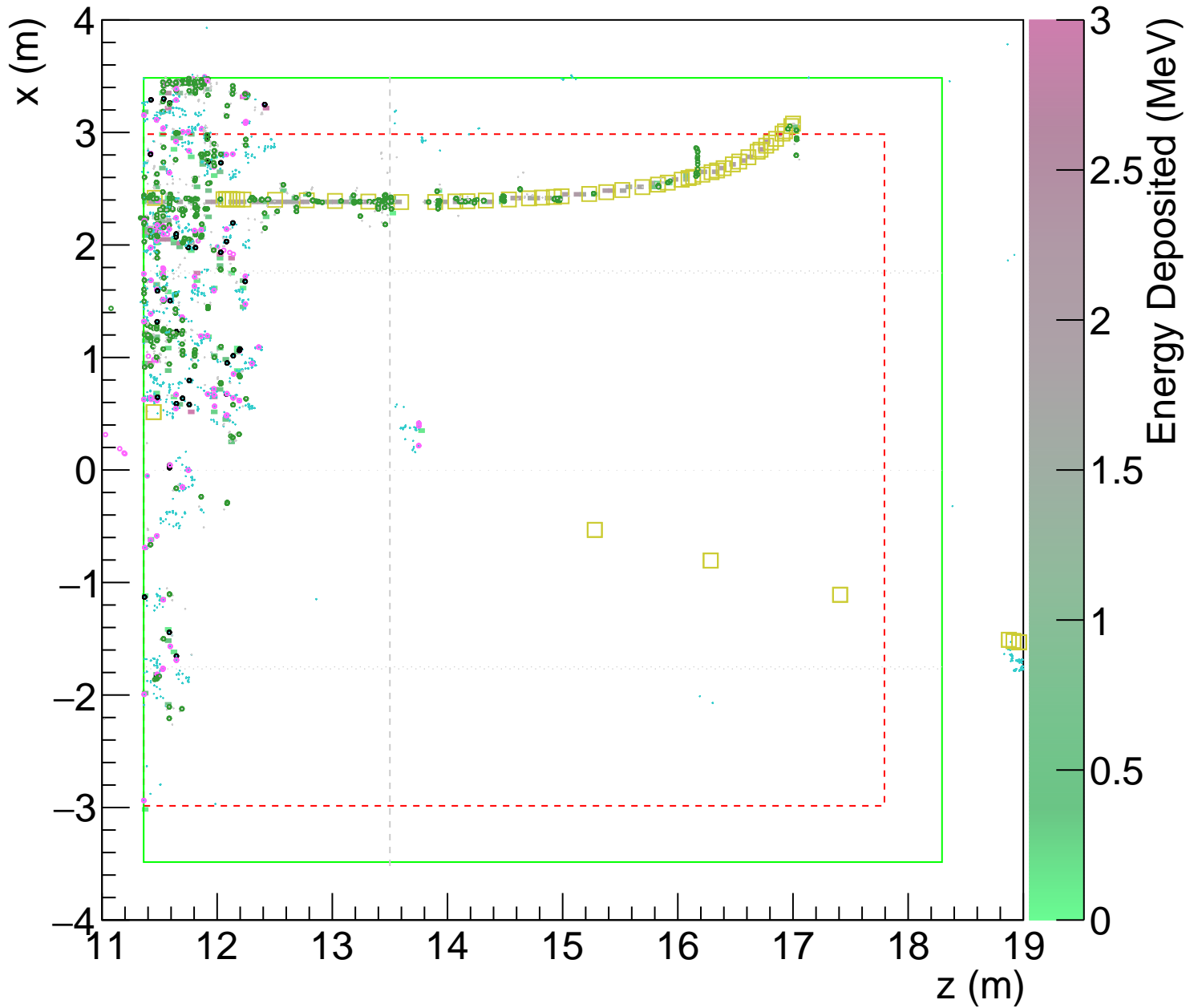
nLines: 1, nClusters: 1



Event 88, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=50.33$  GeV,  $E_{\mu}^{\text{true}}=4.47$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

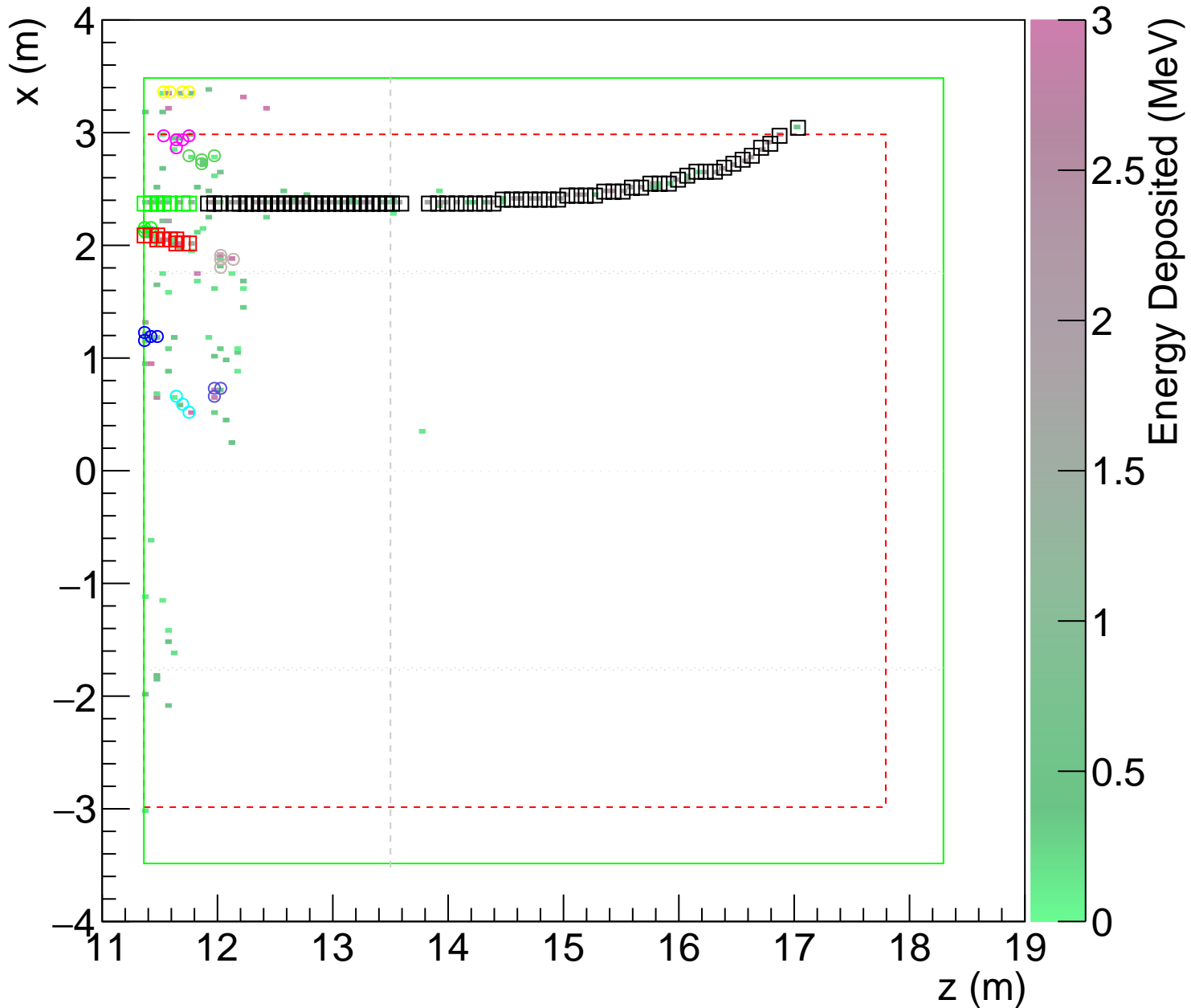


Event 88, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=50.33$  GeV,  $E_{\mu}^{\text{true}}=4.47$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

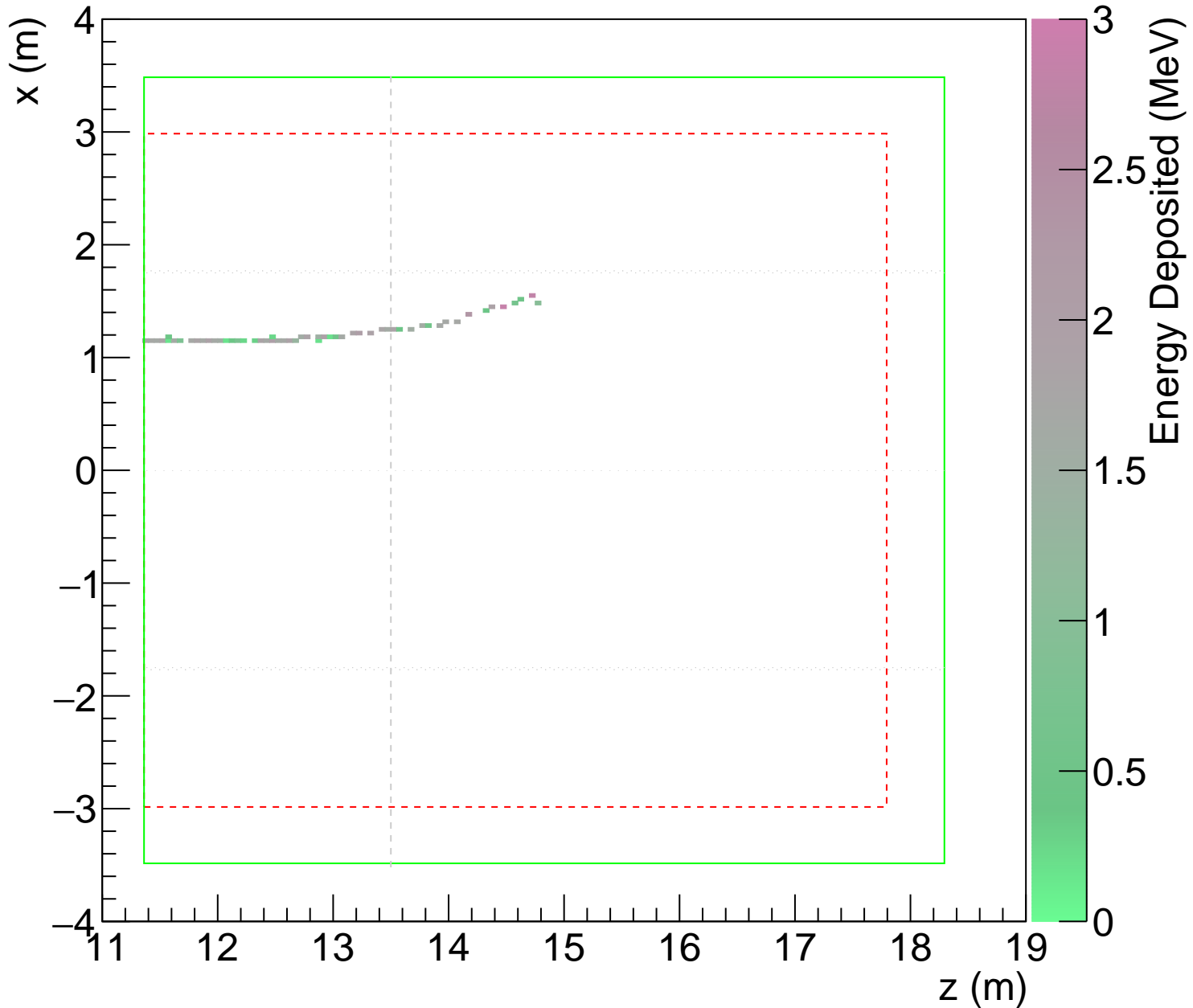


# Event 88 reconstructed

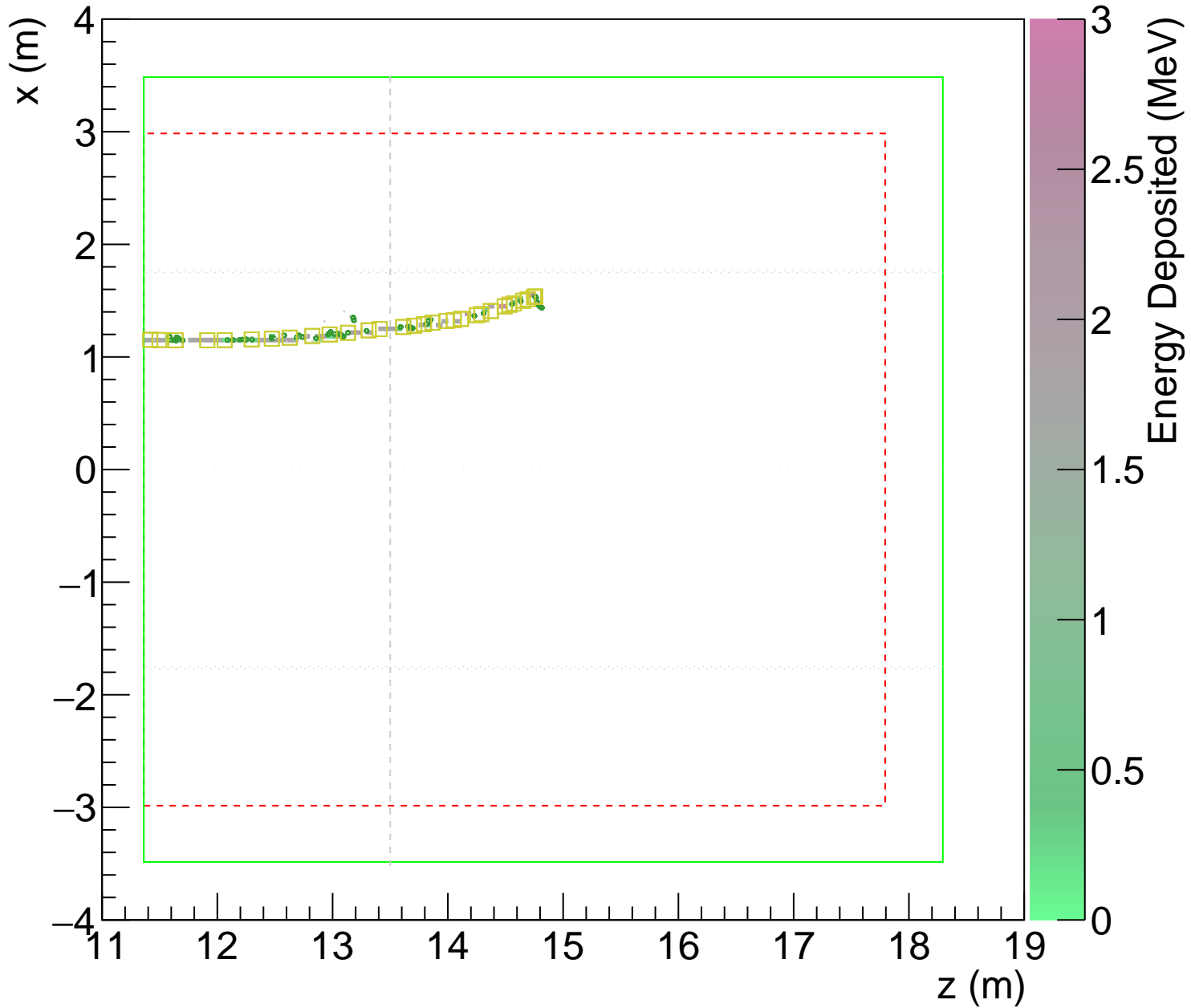
nLines: 3, nClusters: 9



Event 89, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=2.68$  GeV,  $E_{\mu}^{\text{true}}=2.58$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[CC],QES,

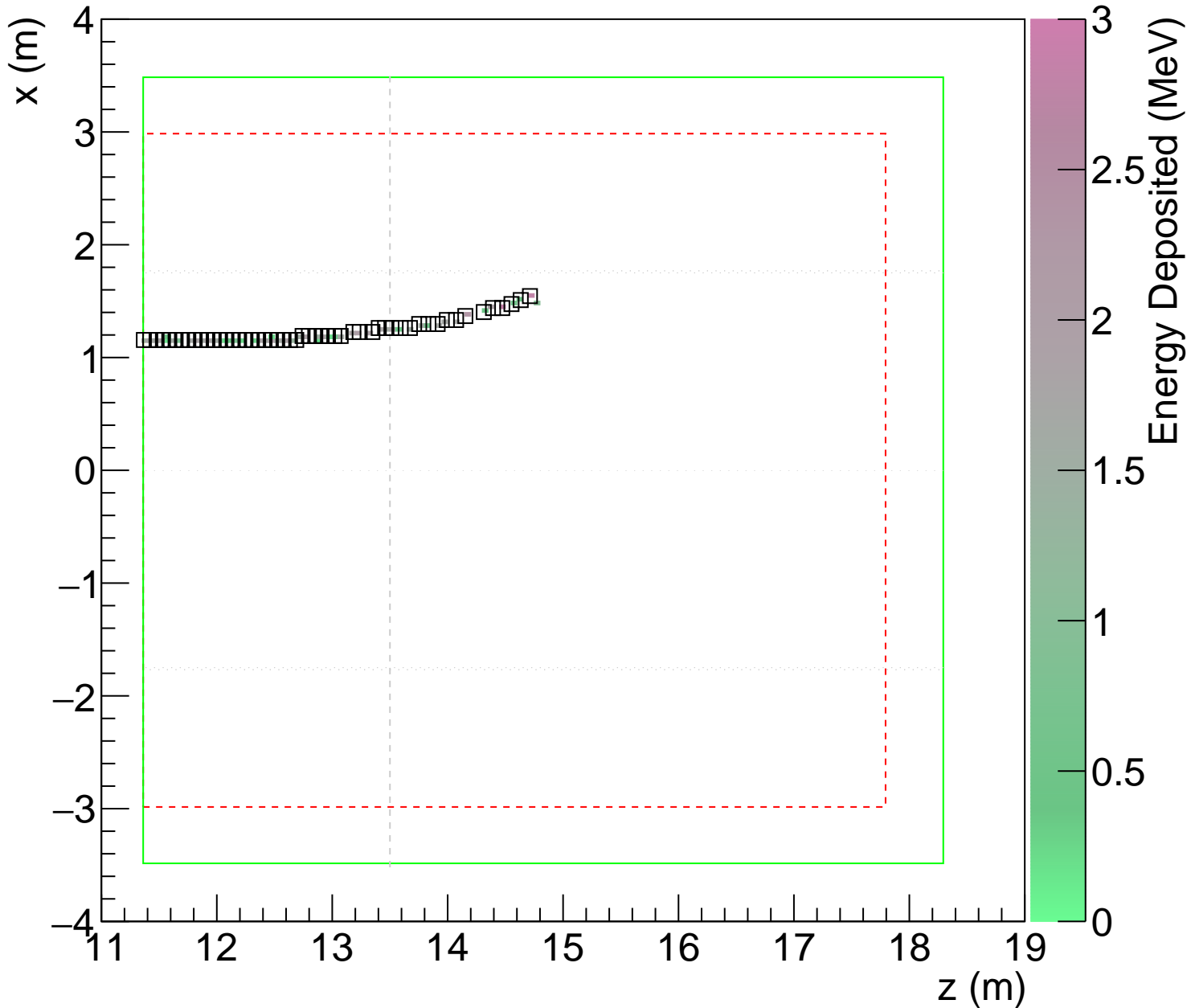


Event 89, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=2.68$  GeV,  $E_{\mu}^{\text{true}}=2.58$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[CC],QES,

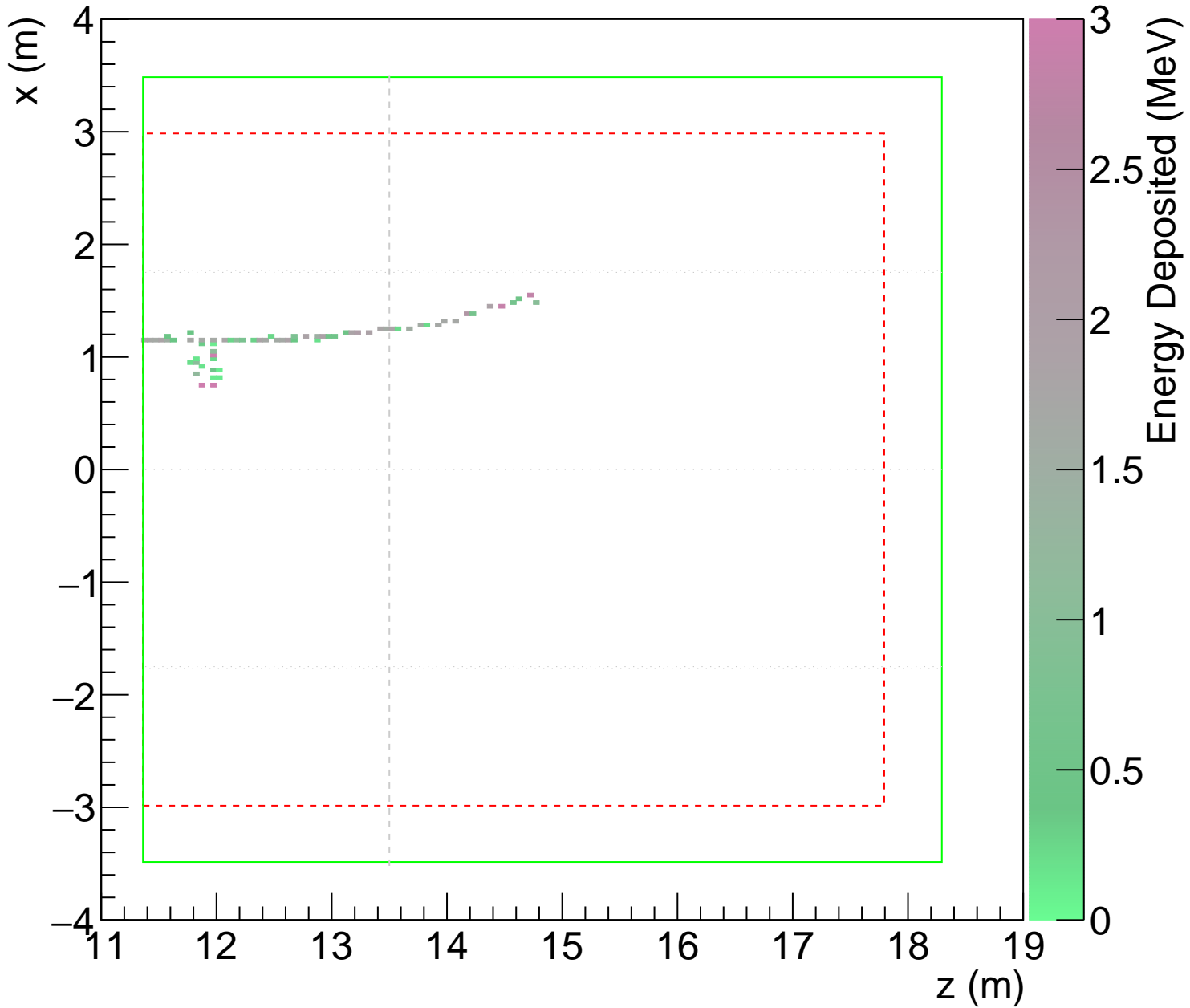


# Event 89 reconstructed

nLines: 1, nClusters: 0

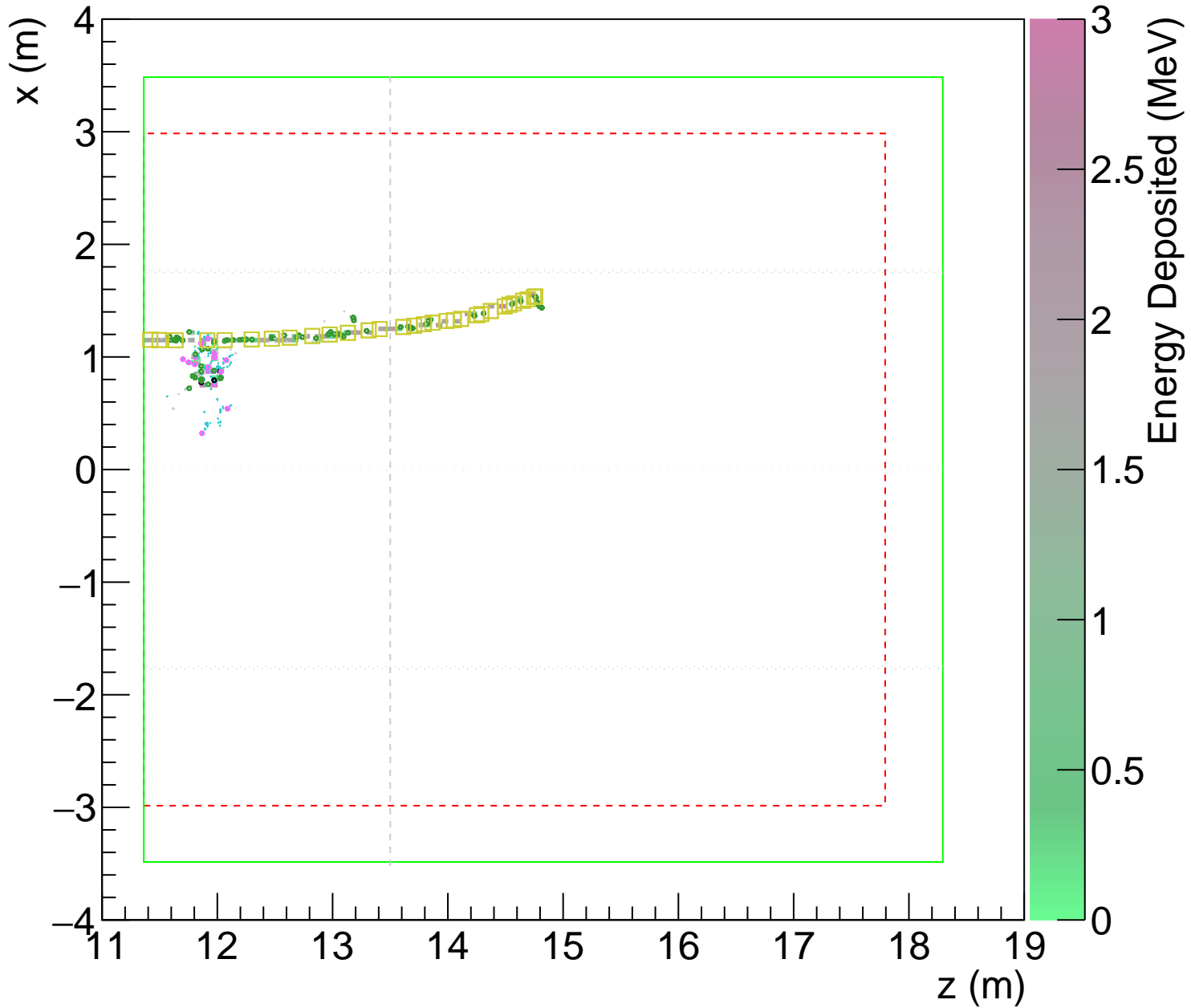


Event 90, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.19$  GeV,  $E_{\mu}^{\text{true}}=2.58$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



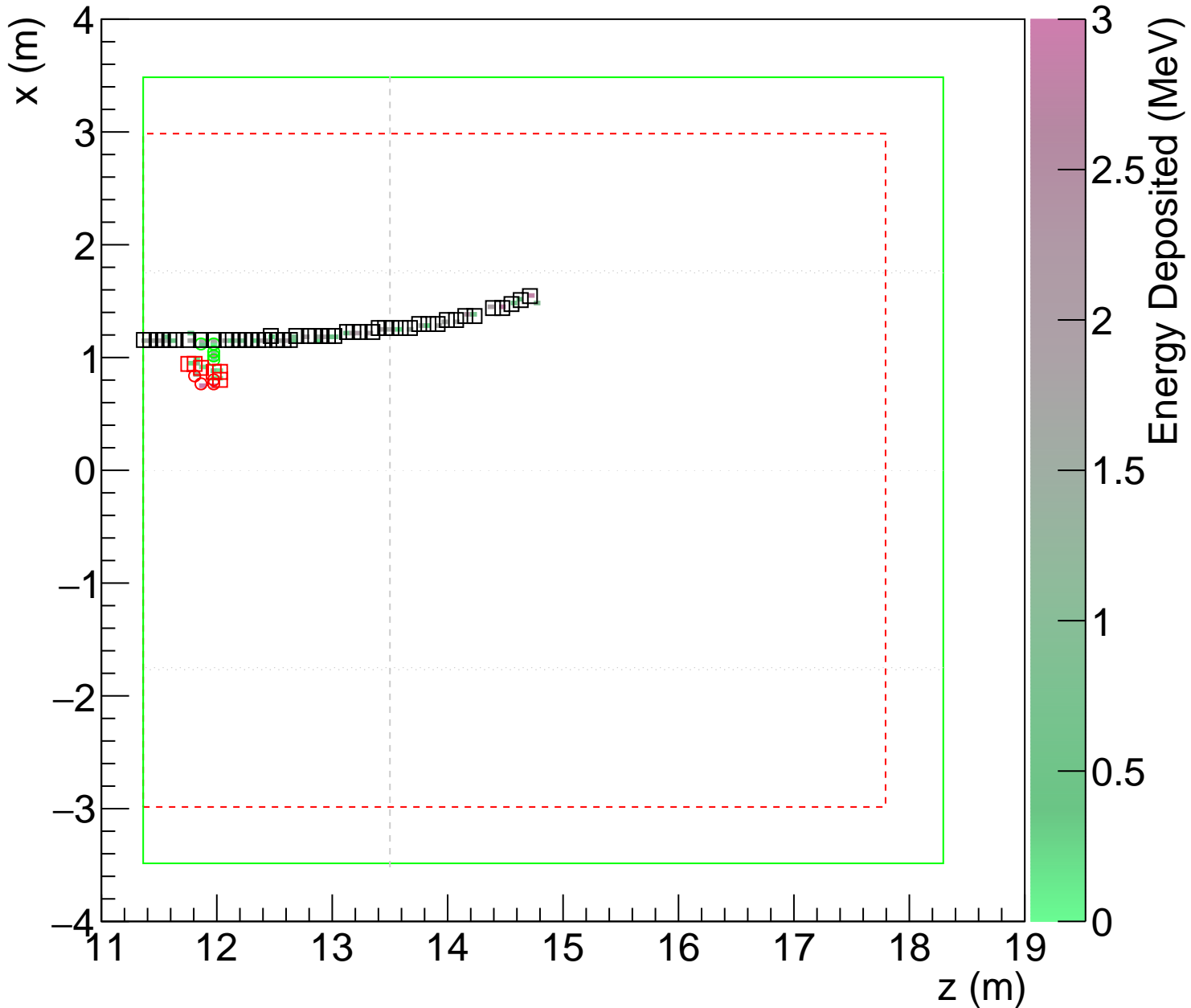


Event 90, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.19$  GeV,  $E_{\mu}^{\text{true}}=2.58$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

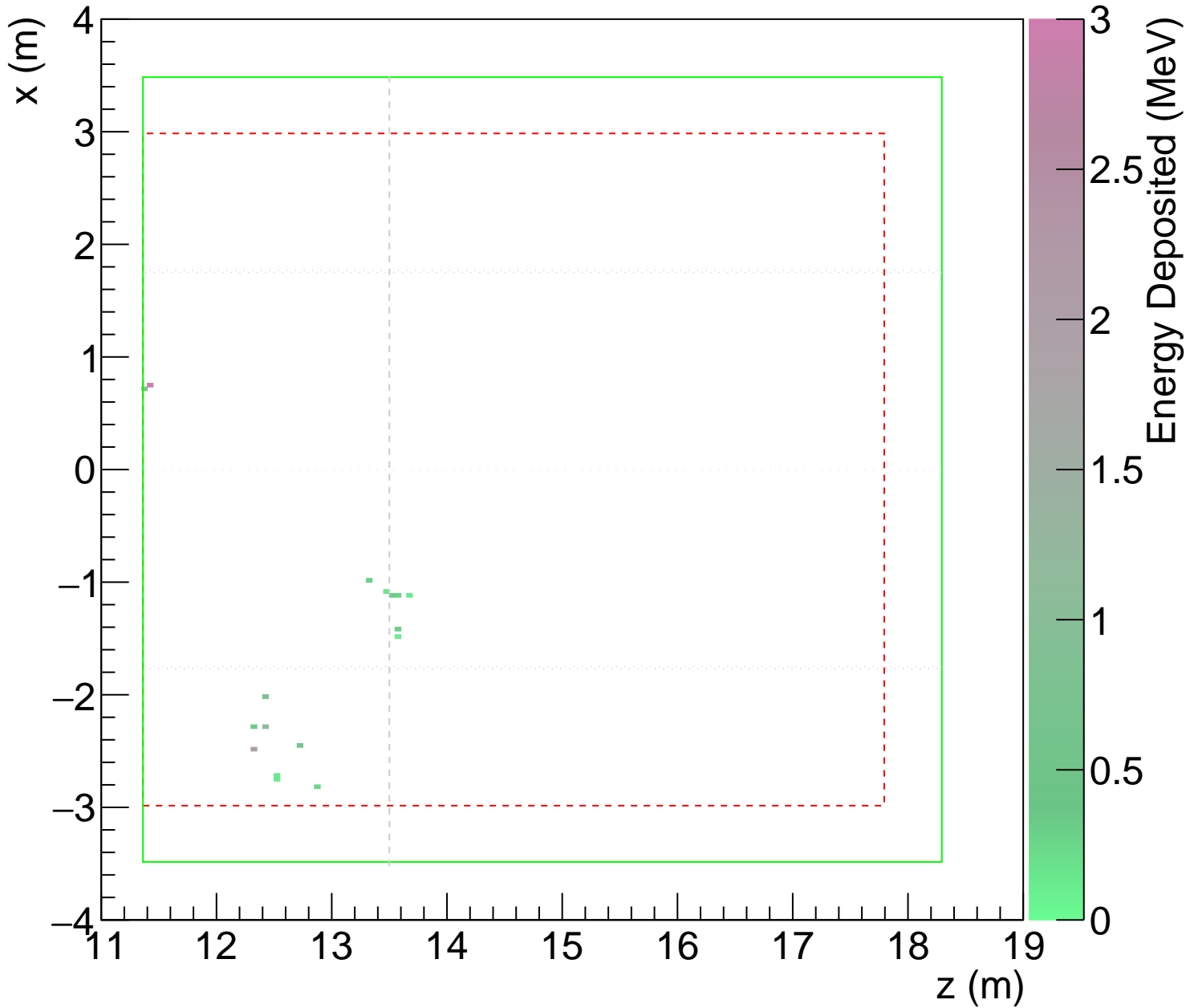


# Event 90 reconstructed

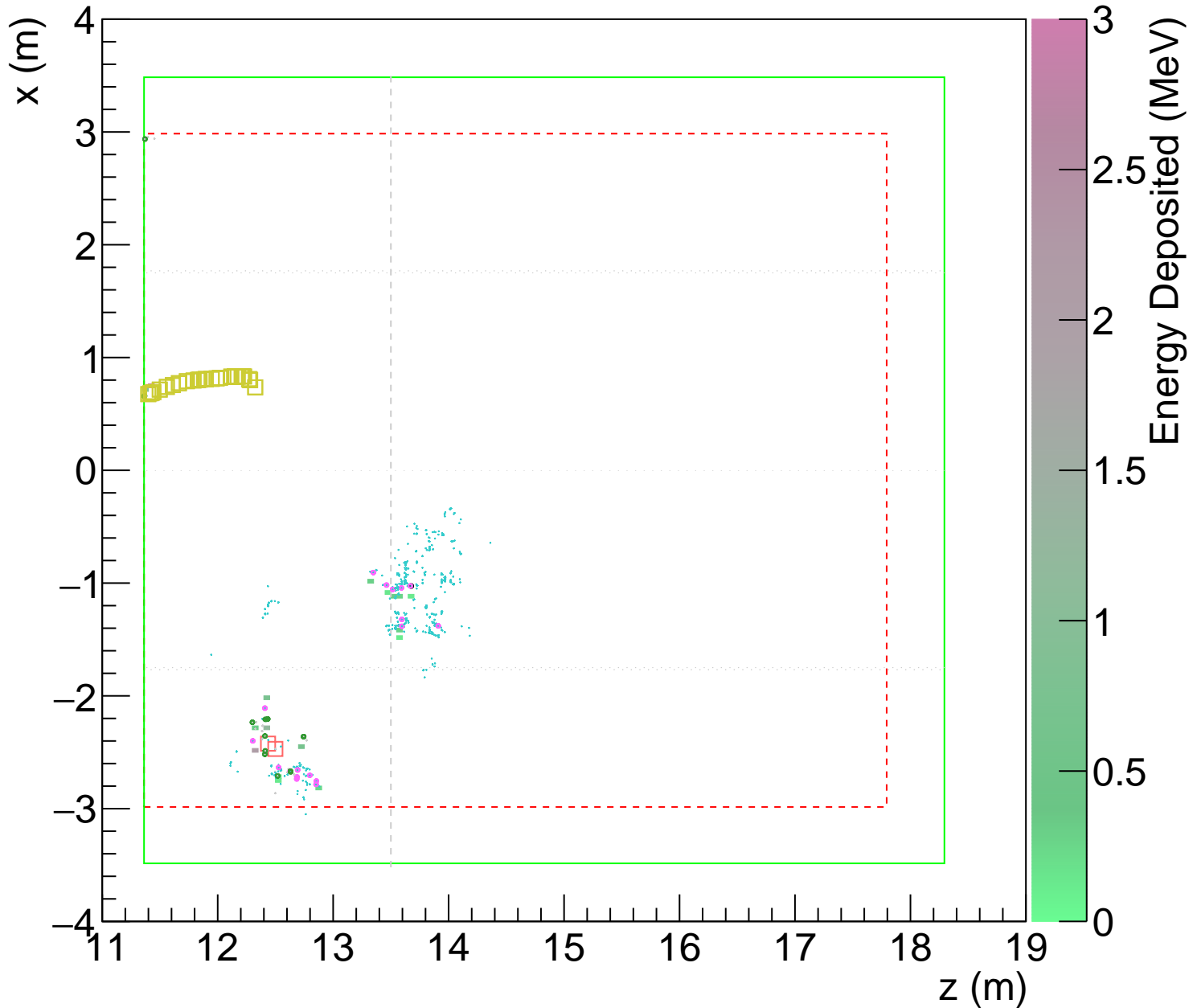
nLines: 2, nClusters: 2



Event 91, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.43$  GeV,  $E_{\mu}^{\text{true}}=0.82$  GeV  
nu:14,tgt:1000080160,N:2212,proc:Weak[CC],RES,res:6,

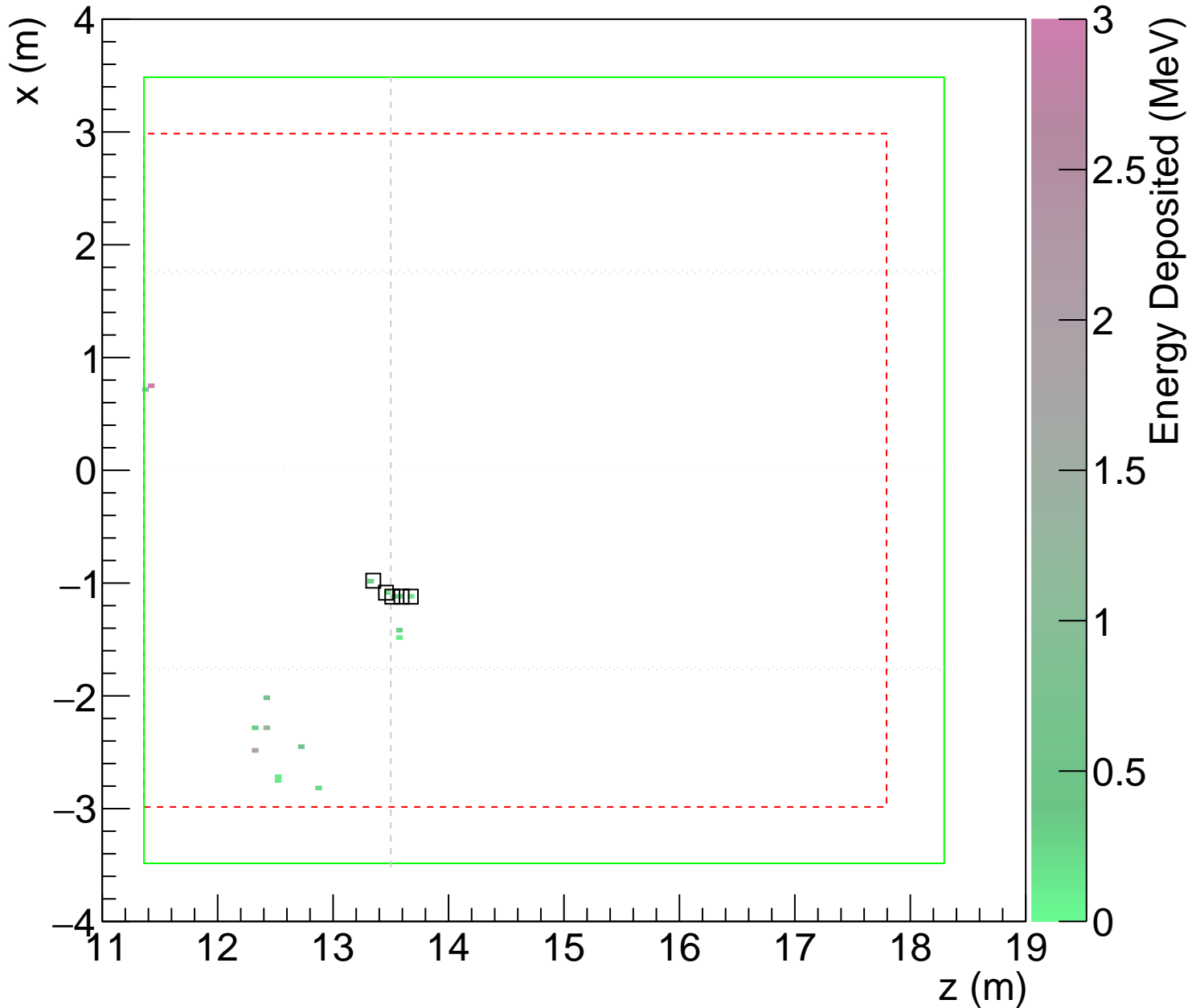


Event 91, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.43$  GeV,  $E_{\mu}^{\text{true}}=0.82$  GeV  
nu:14,tgt:1000080160,N:2212,proc:Weak[CC],RES,res:6,

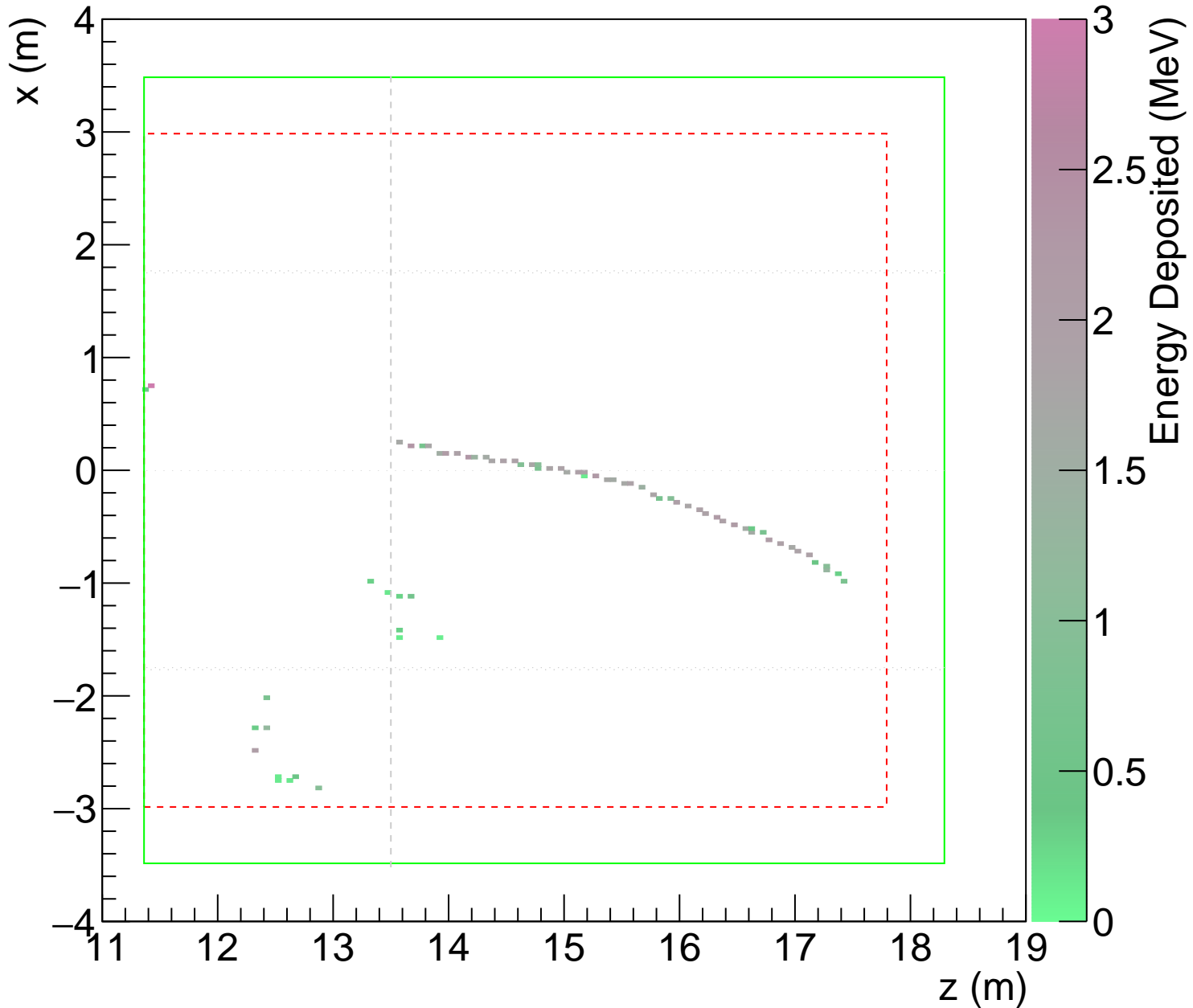


# Event 91 reconstructed

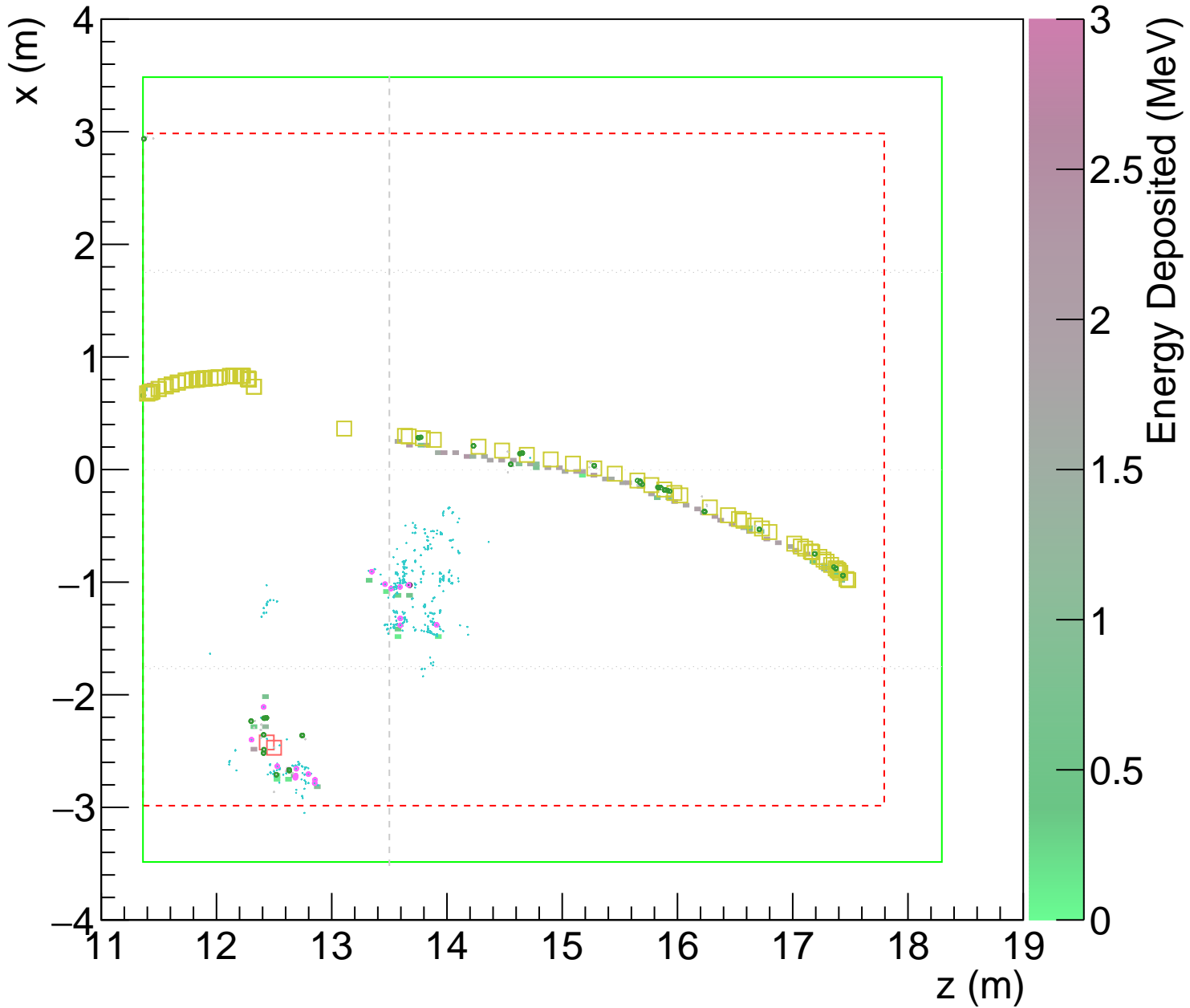
nLines: 1, nClusters: 0



Event 92, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.56$  GeV,  $E_{\mu}^{\text{true}}=3.23$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

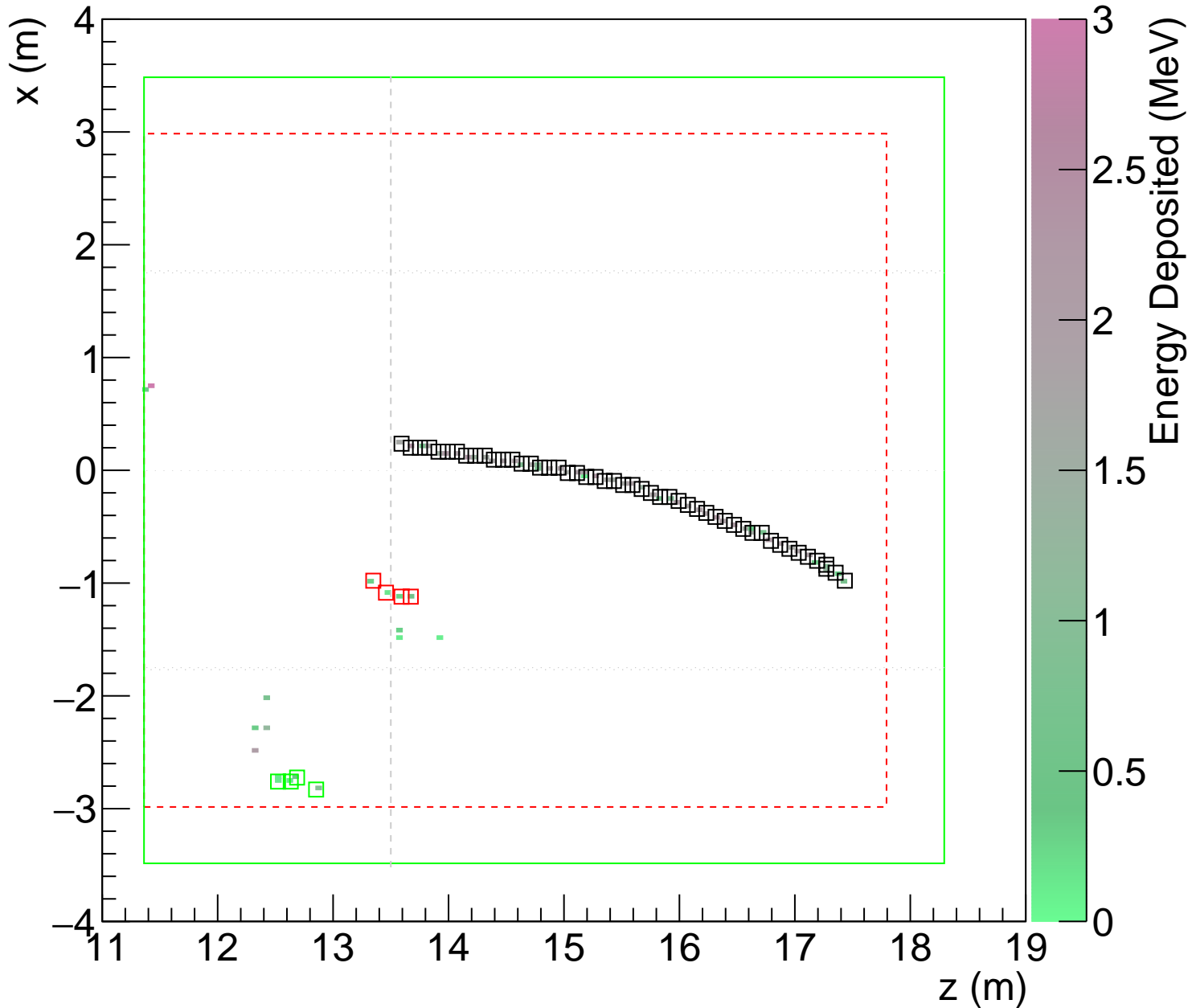


Event 92, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.56$  GeV,  $E_{\mu}^{\text{true}}=3.23$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,



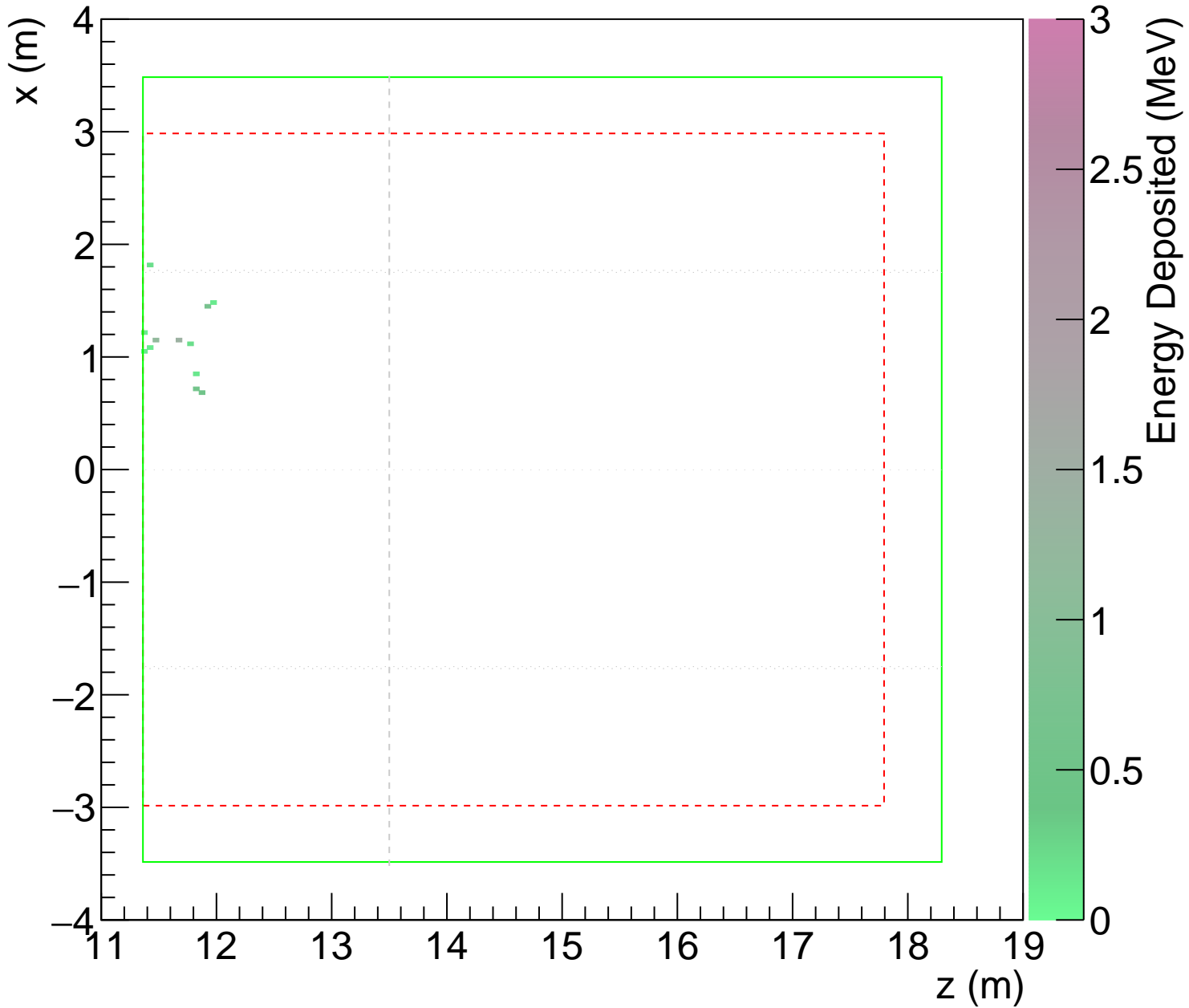
# Event 92 reconstructed

nLines: 3, nClusters: 0

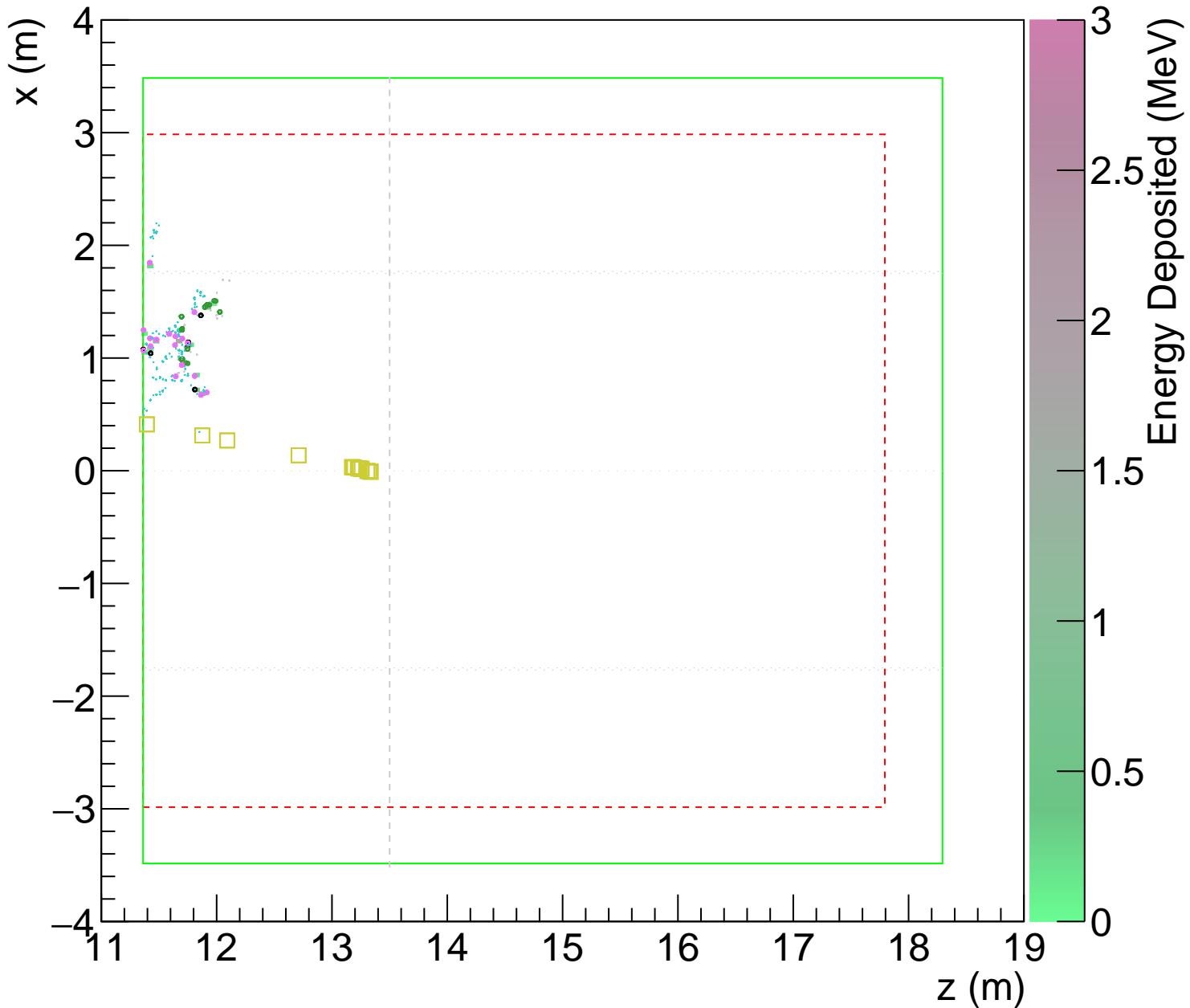




Event 94, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.77$  GeV,  $E_{\mu}^{\text{true}}=0.74$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

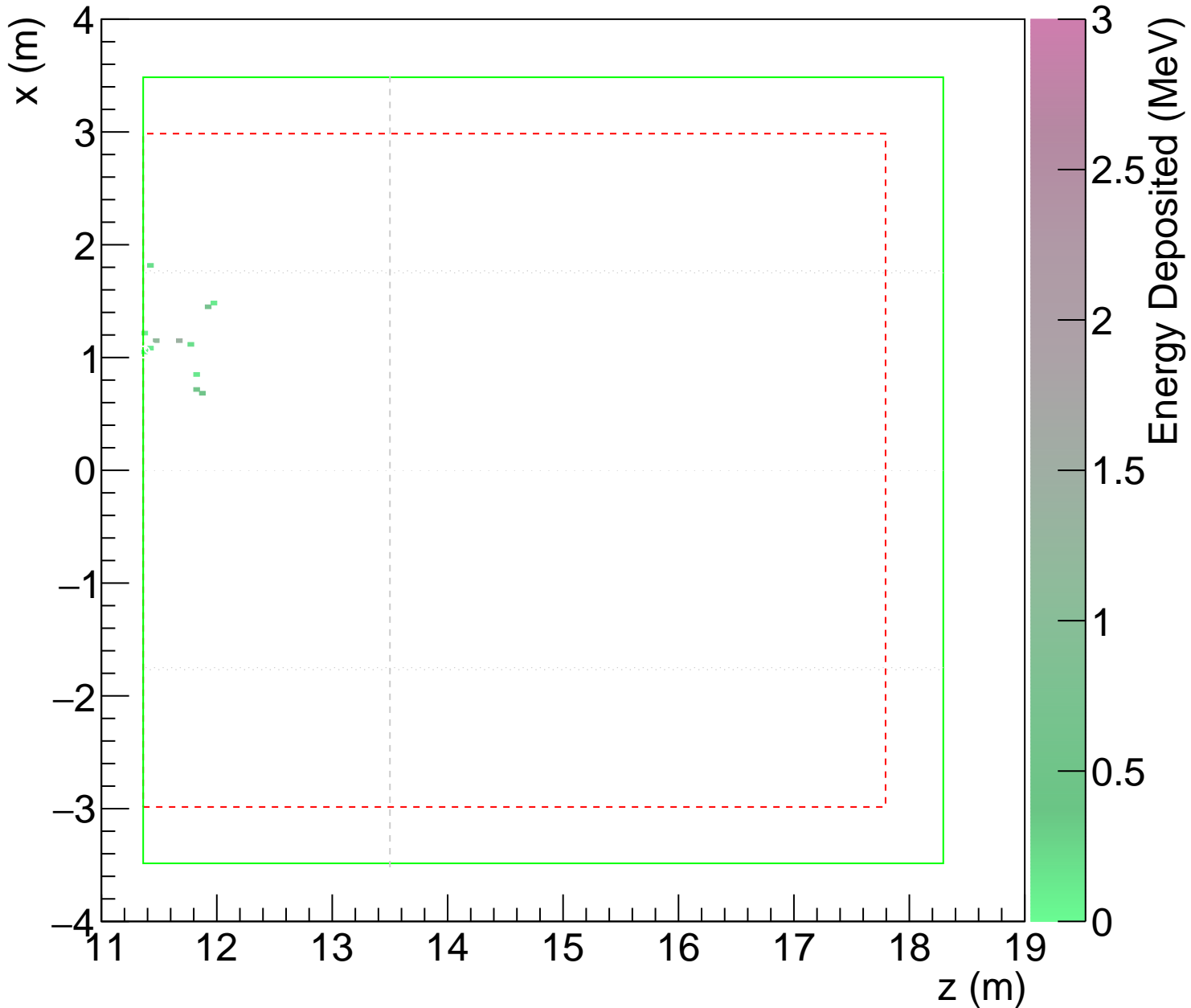


Event 94, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.77$  GeV,  $E_{\mu}^{\text{true}}=0.74$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

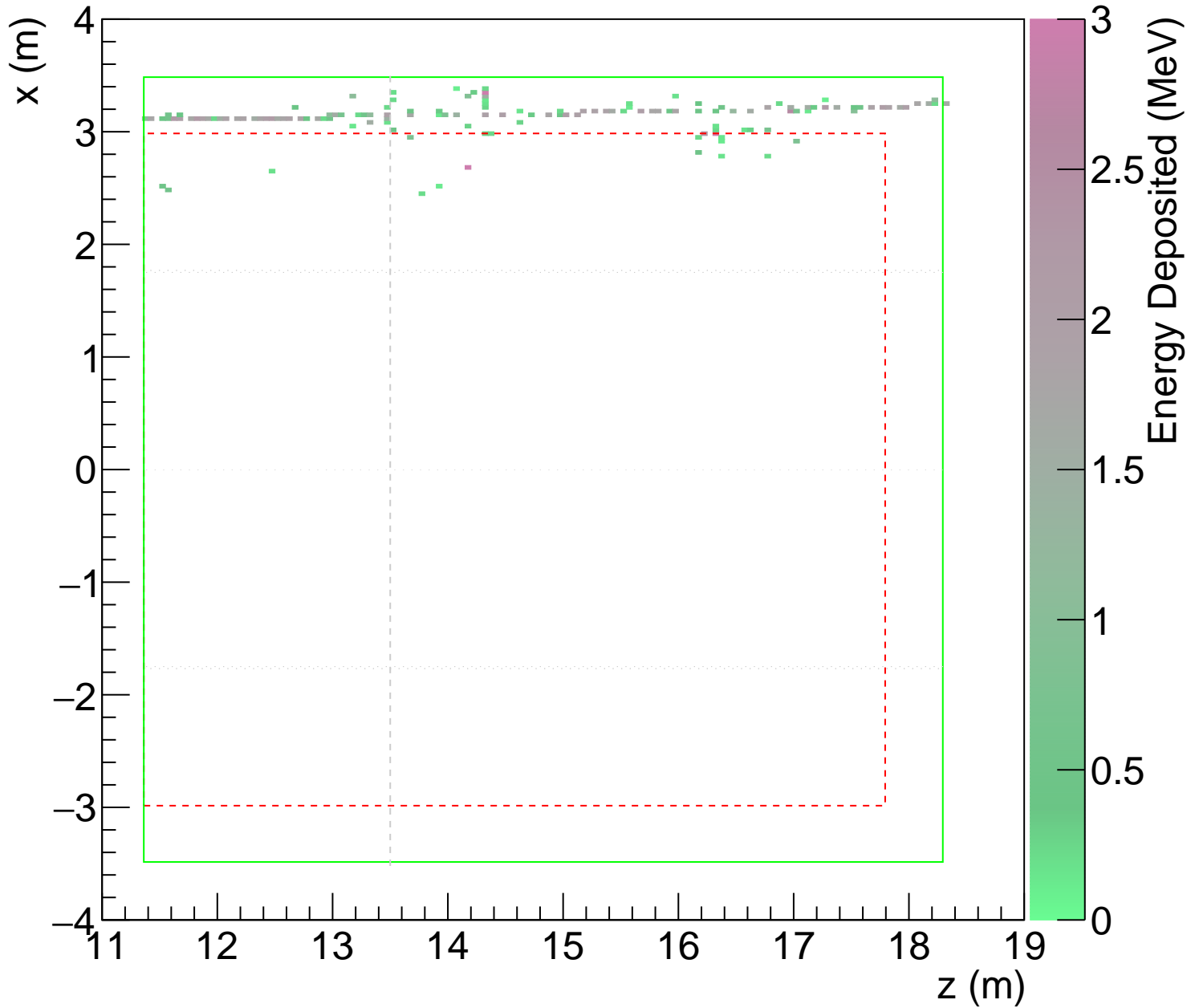


# Event 94 reconstructed

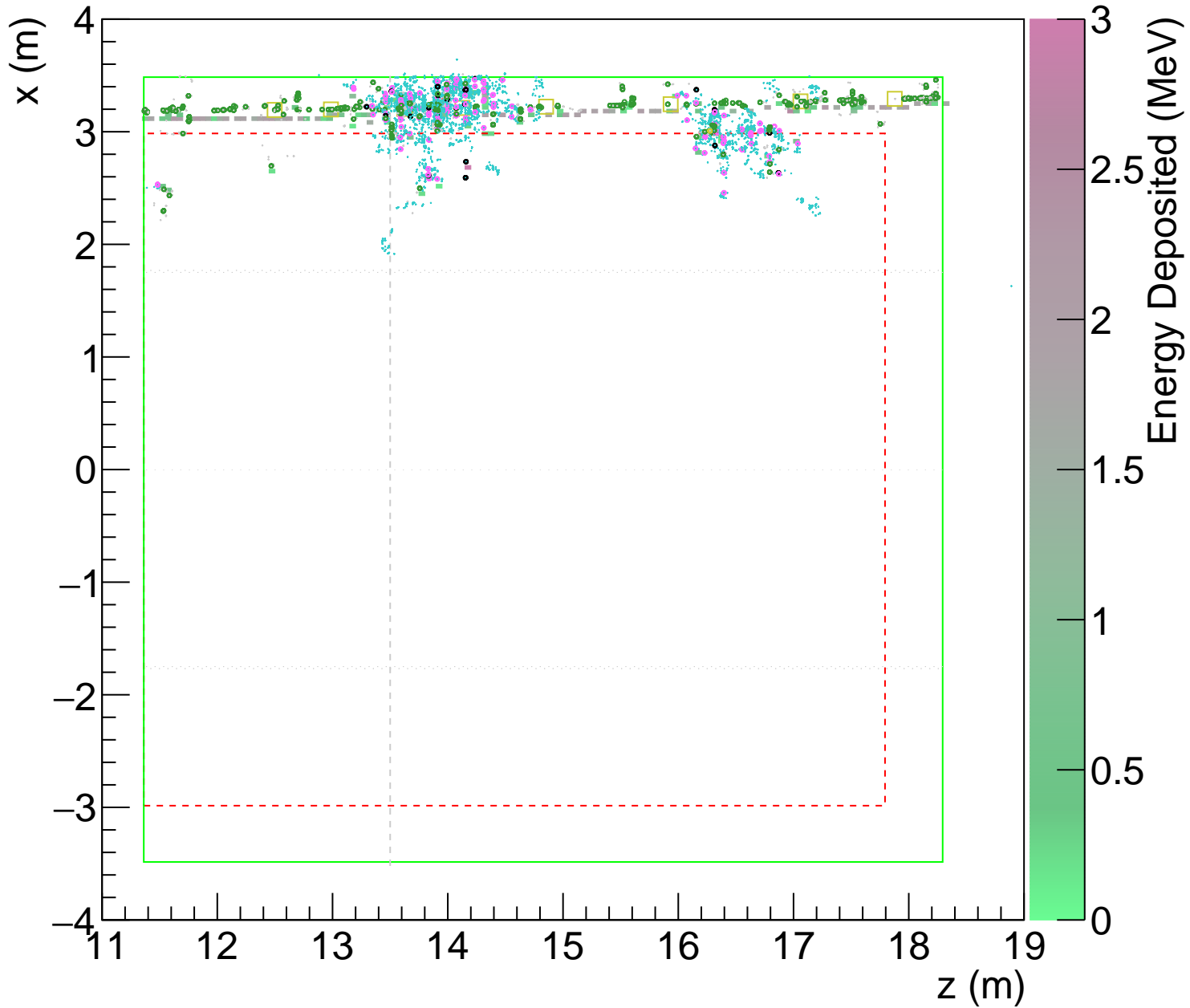
nLines: 0, nClusters: 1



Event 97, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=69.21$  GeV,  $E_{\mu}^{\text{true}}=51.70$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

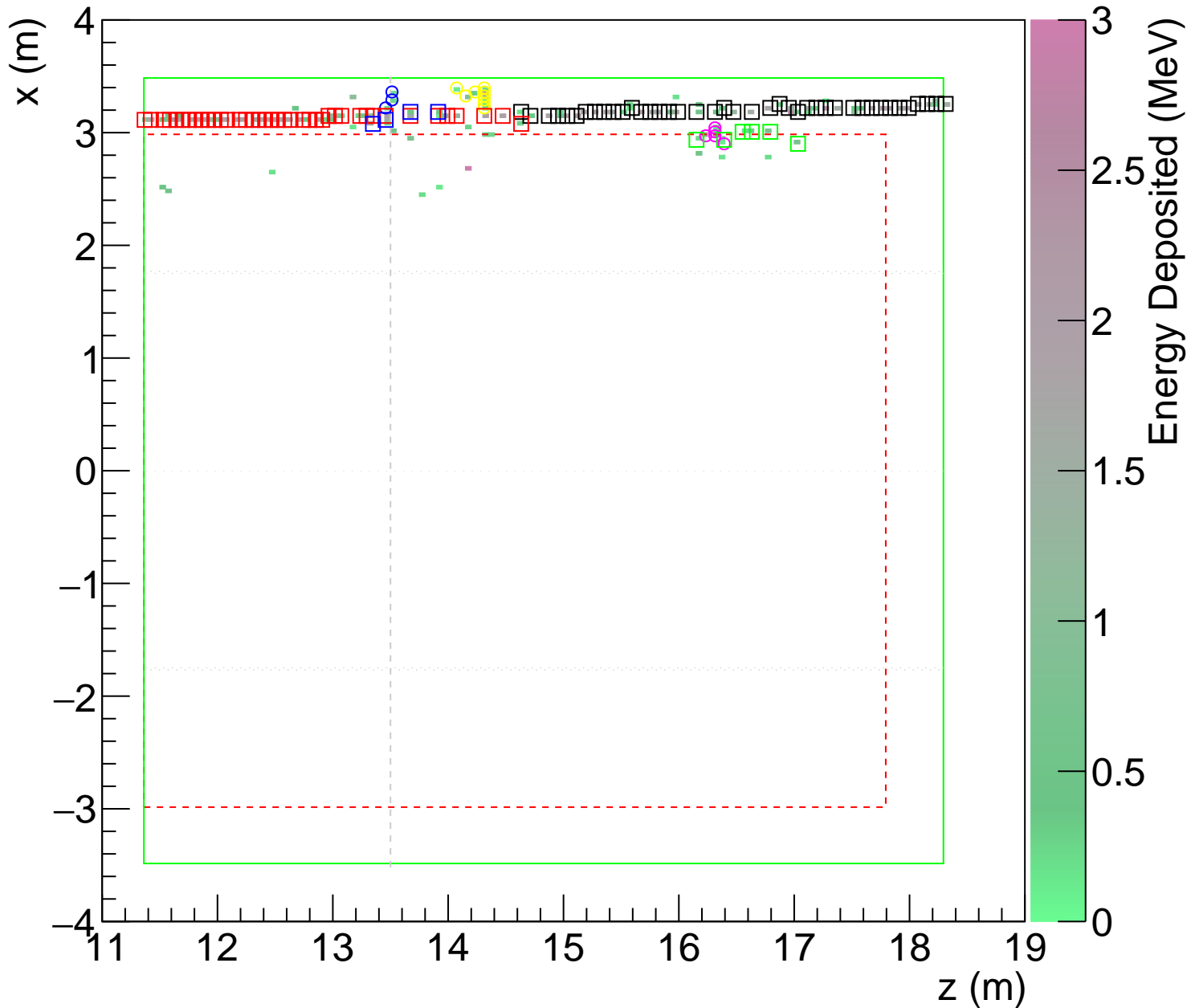


Event 97, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=69.21$  GeV,  $E_{\mu}^{\text{true}}=51.70$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

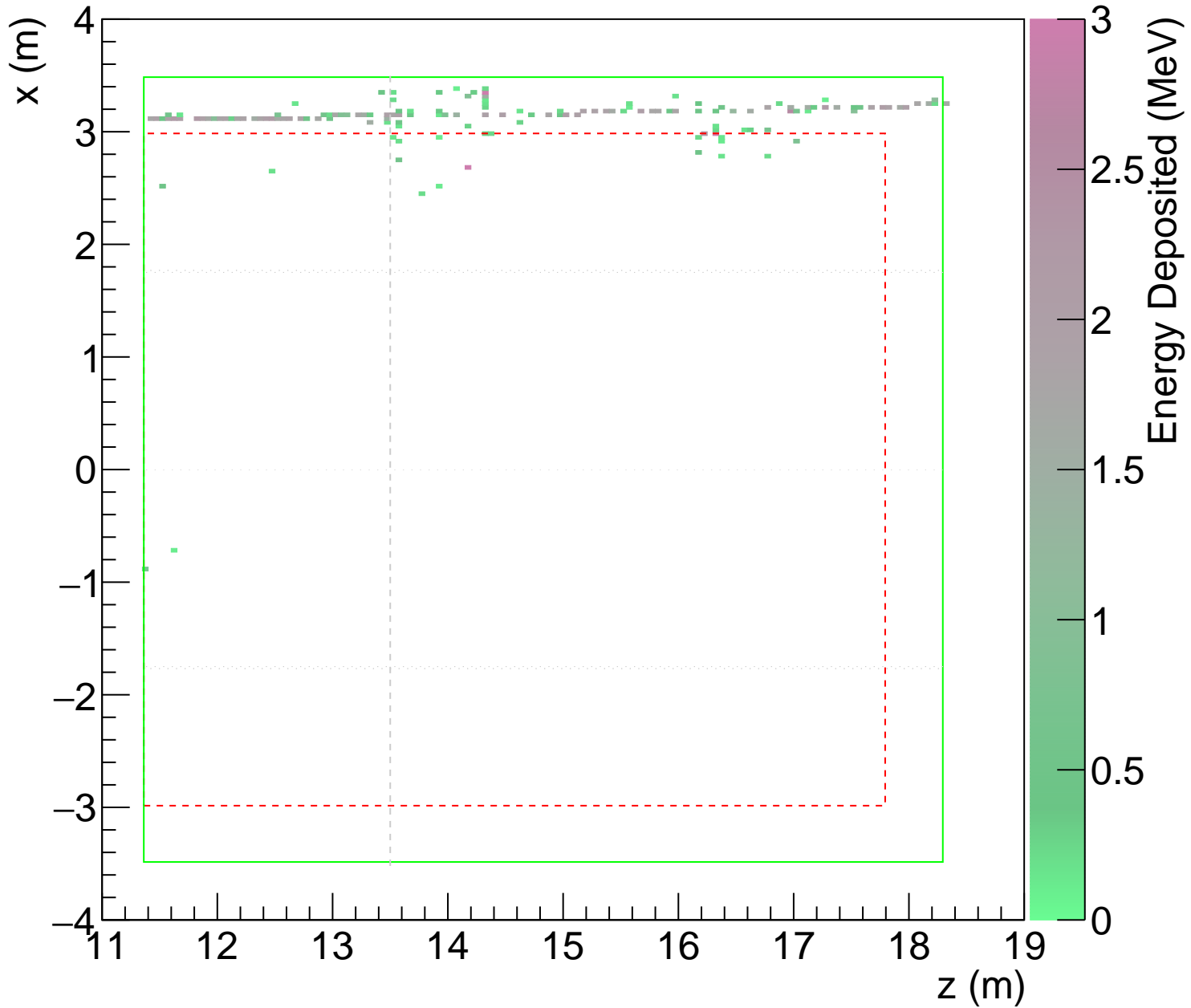


# Event 97 reconstructed

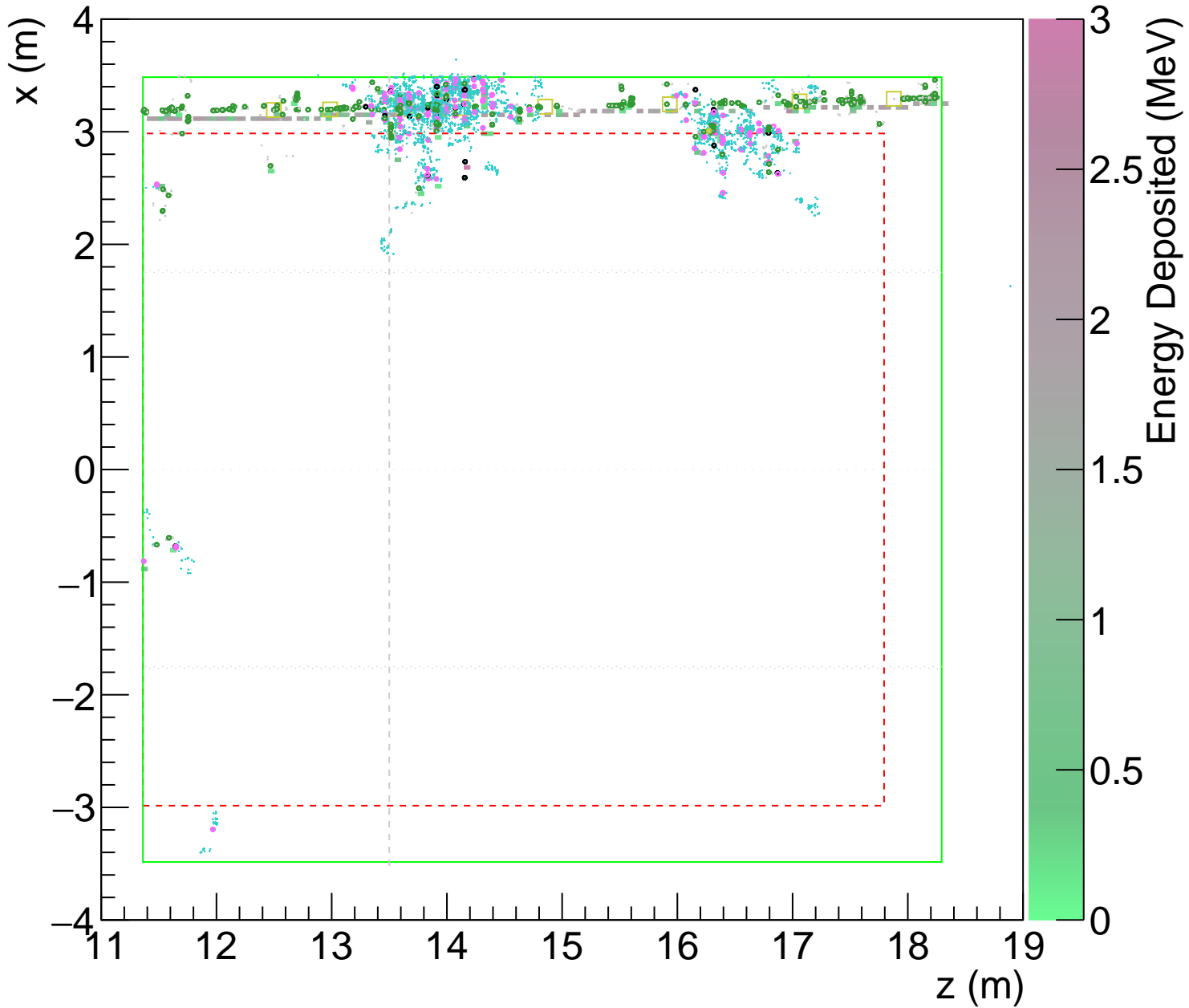
nLines: 4, nClusters: 3



Event 98, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.07$  GeV,  $E_{\mu}^{\text{true}}=51.70$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:11,



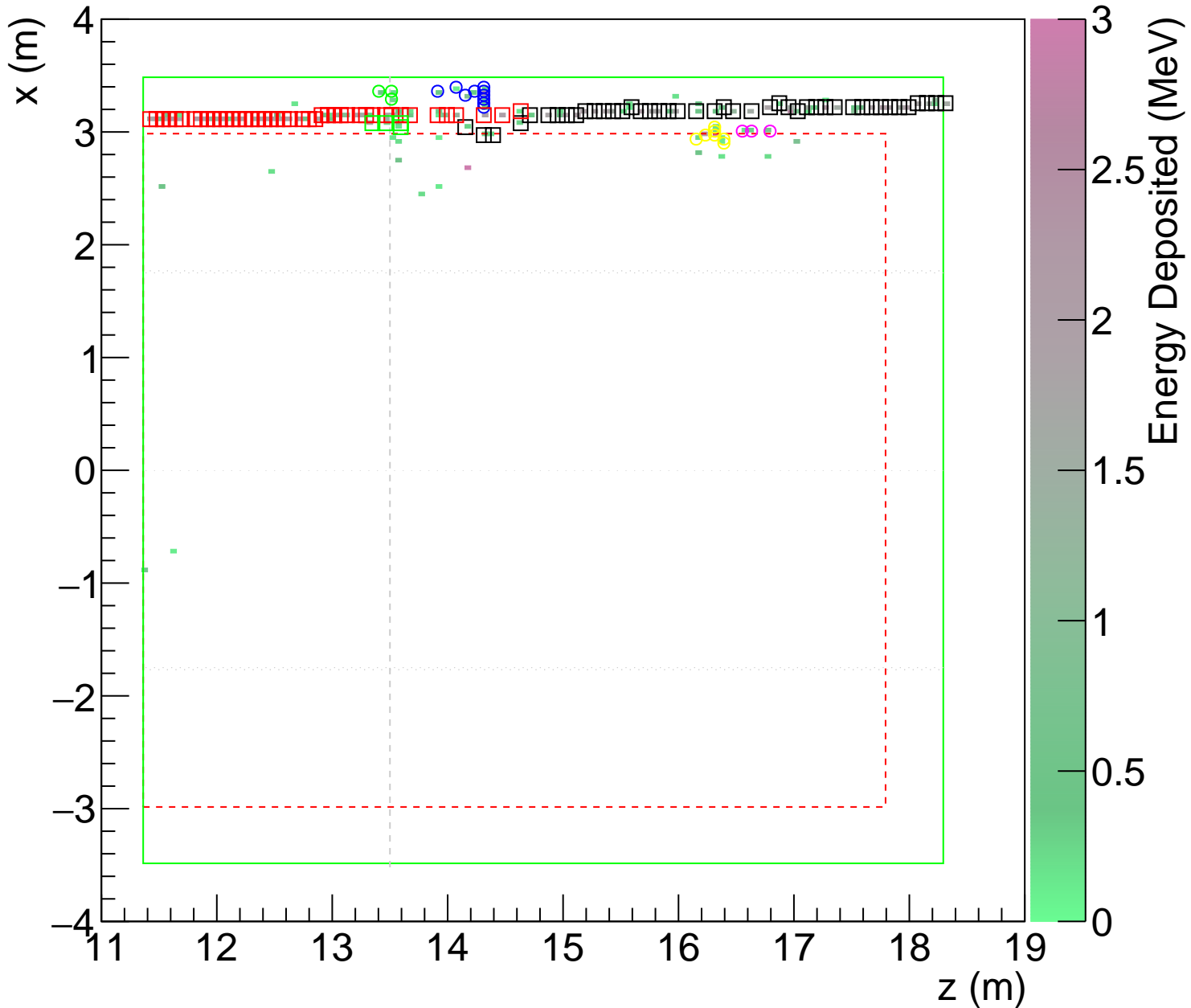
Event 98, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.07$  GeV,  $E_{\mu}^{\text{true}}=51.70$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:11,



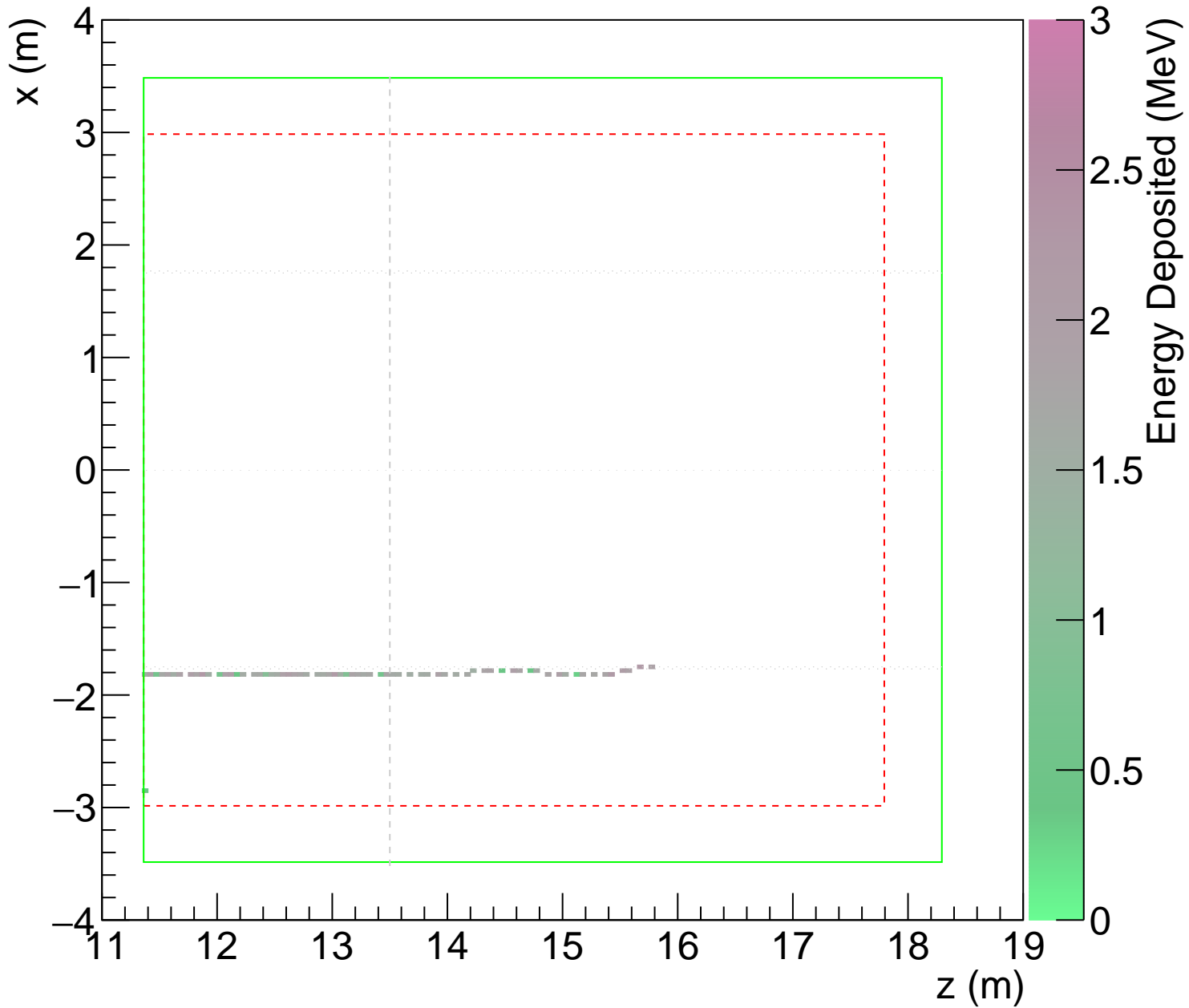


# Event 98 reconstructed

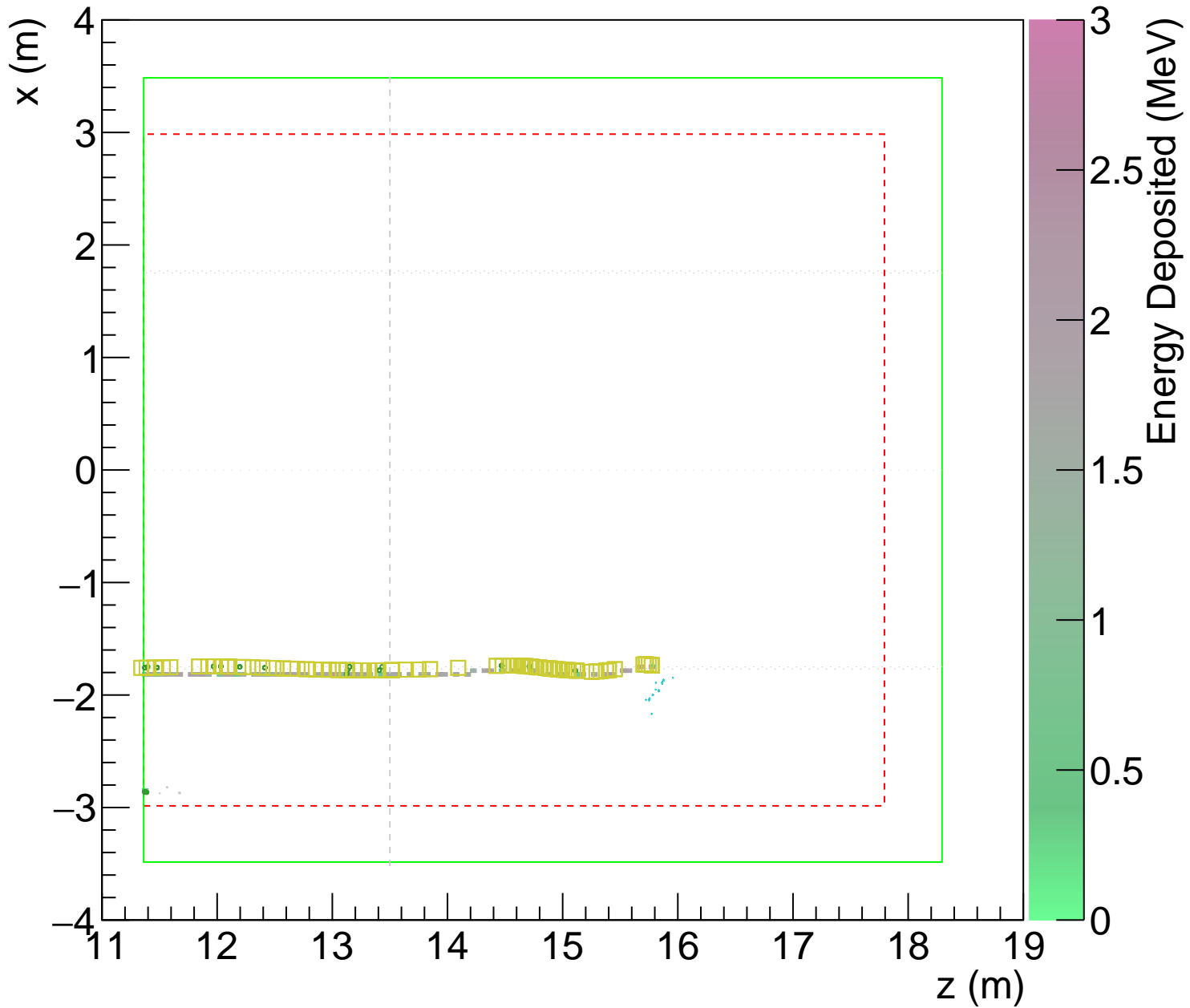
nLines: 3, nClusters: 4



Event 101, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.02$  GeV,  $E_{\mu}^{\text{true}}=2.74$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

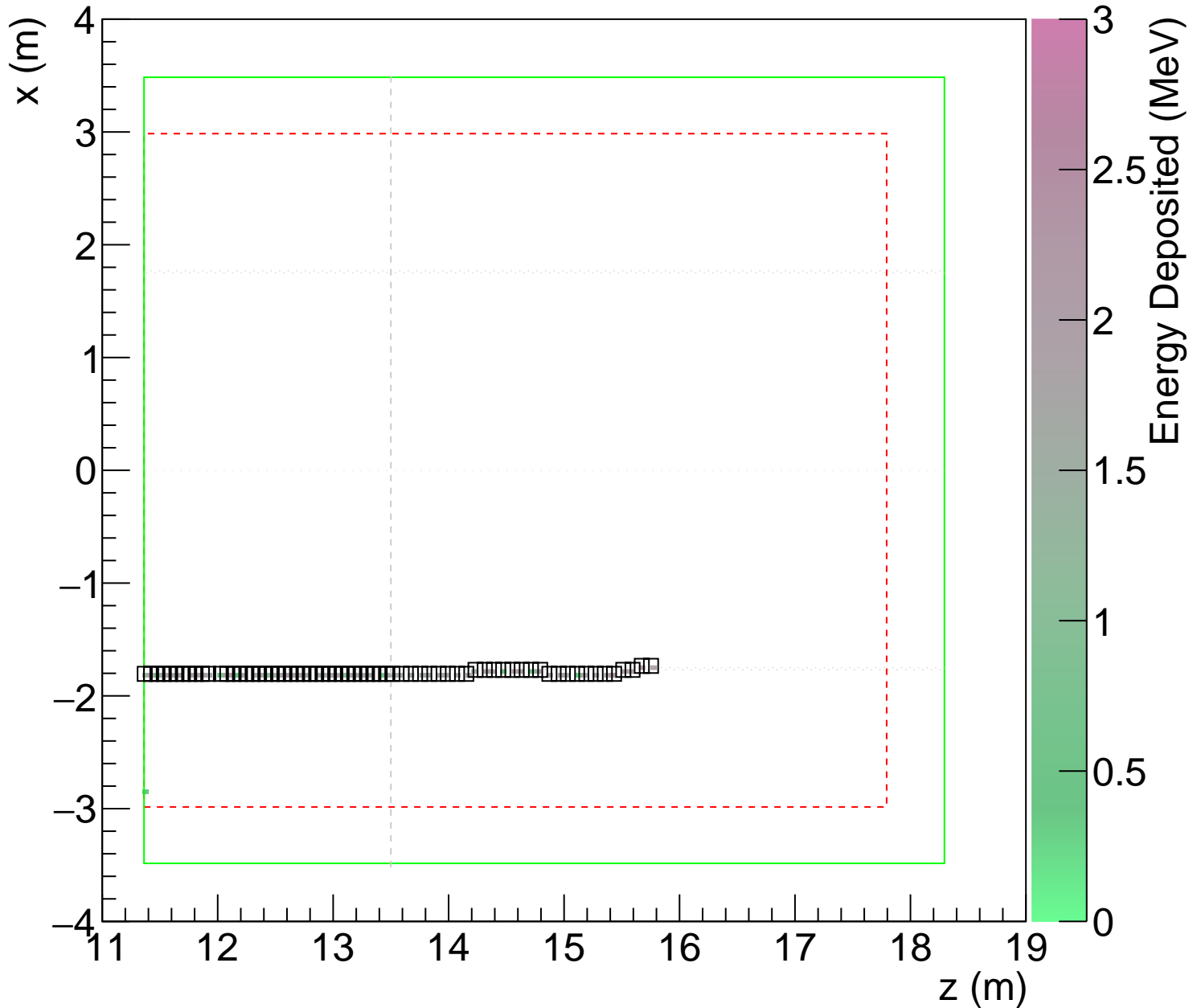


Event 101, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.02$  GeV,  $E_{\mu}^{\text{true}}=2.74$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

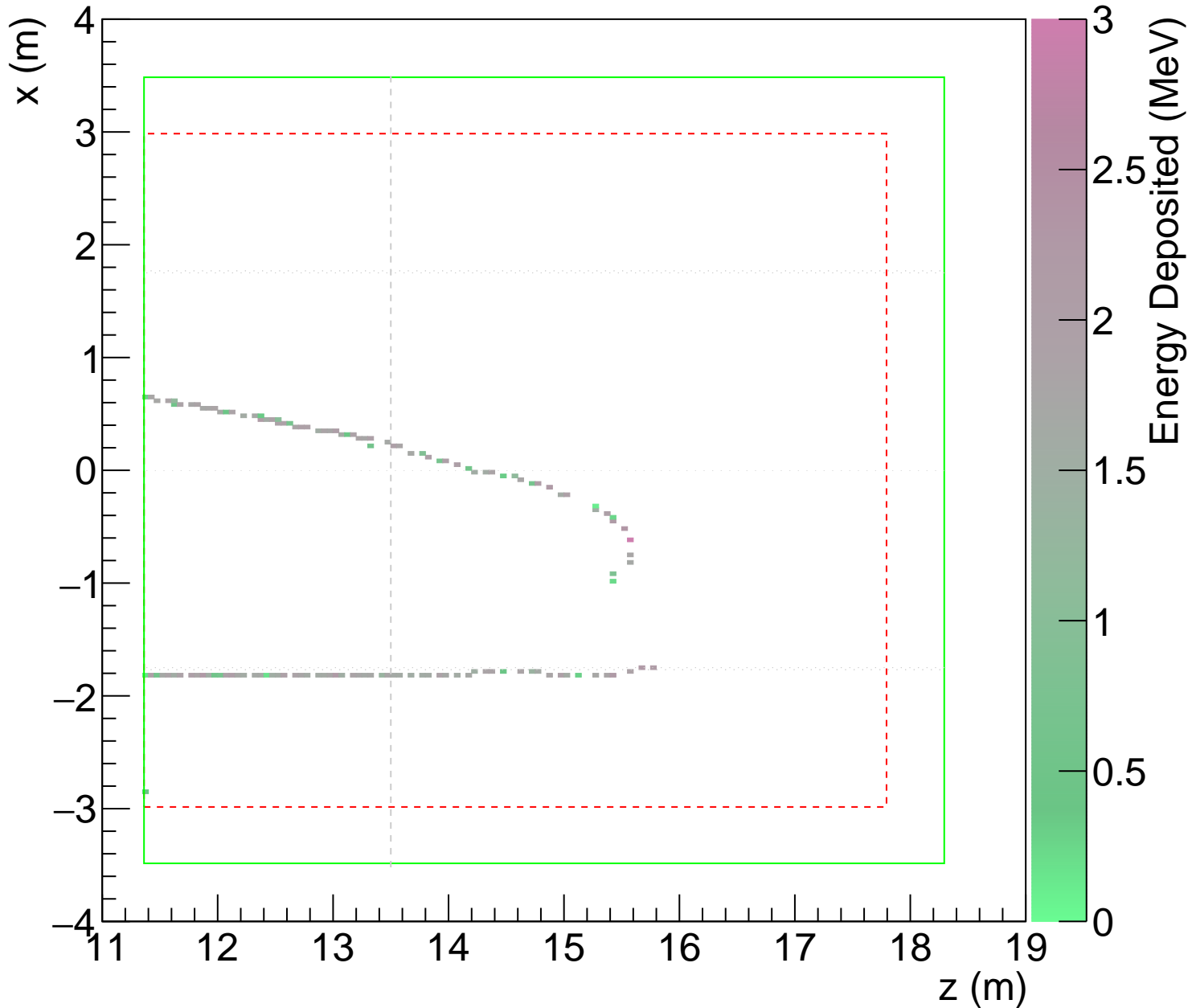


# Event 101 reconstructed

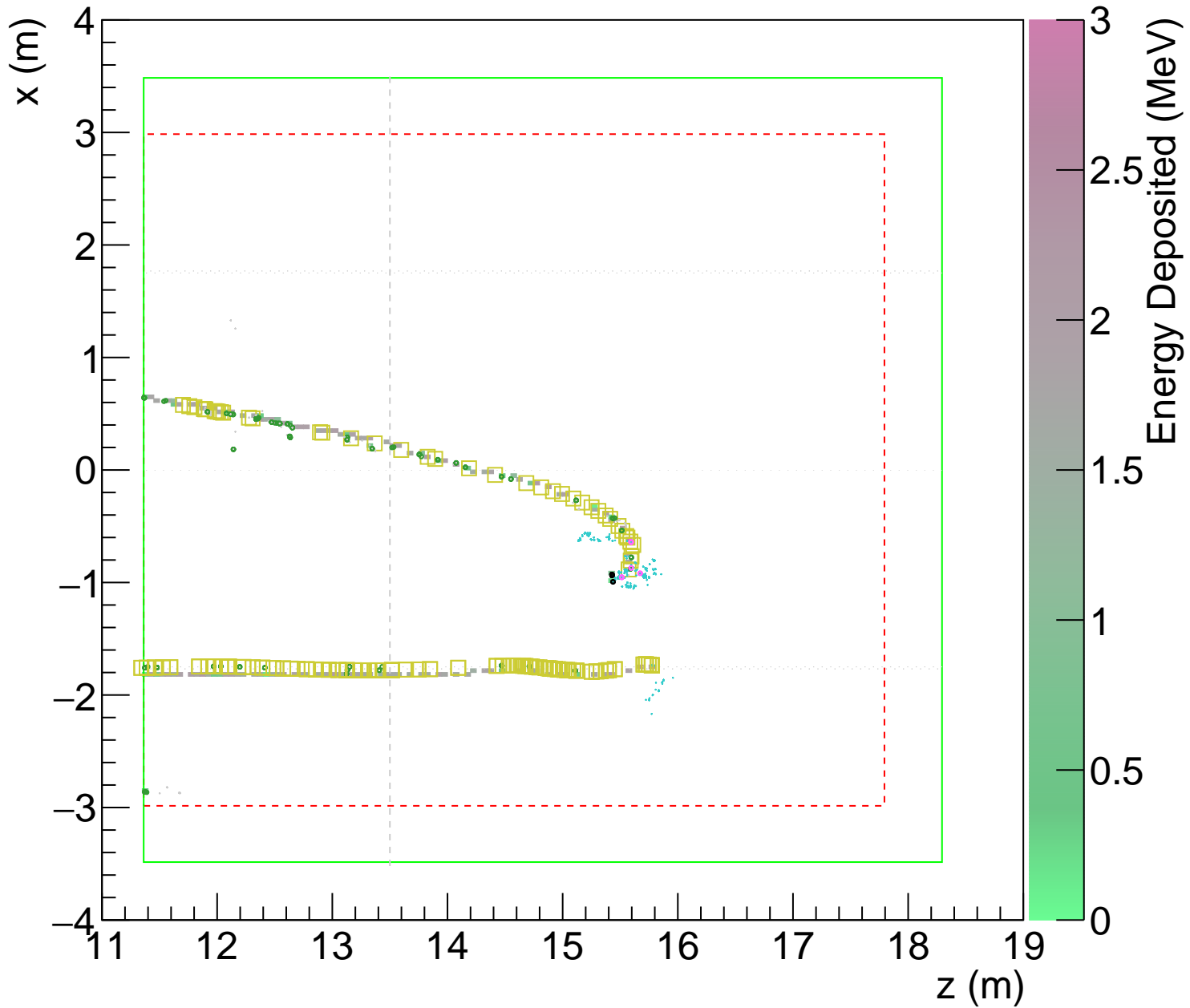
nLines: 1, nClusters: 0



Event 102, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.39$  GeV,  $E_{\mu}^{\text{true}}=3.45$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

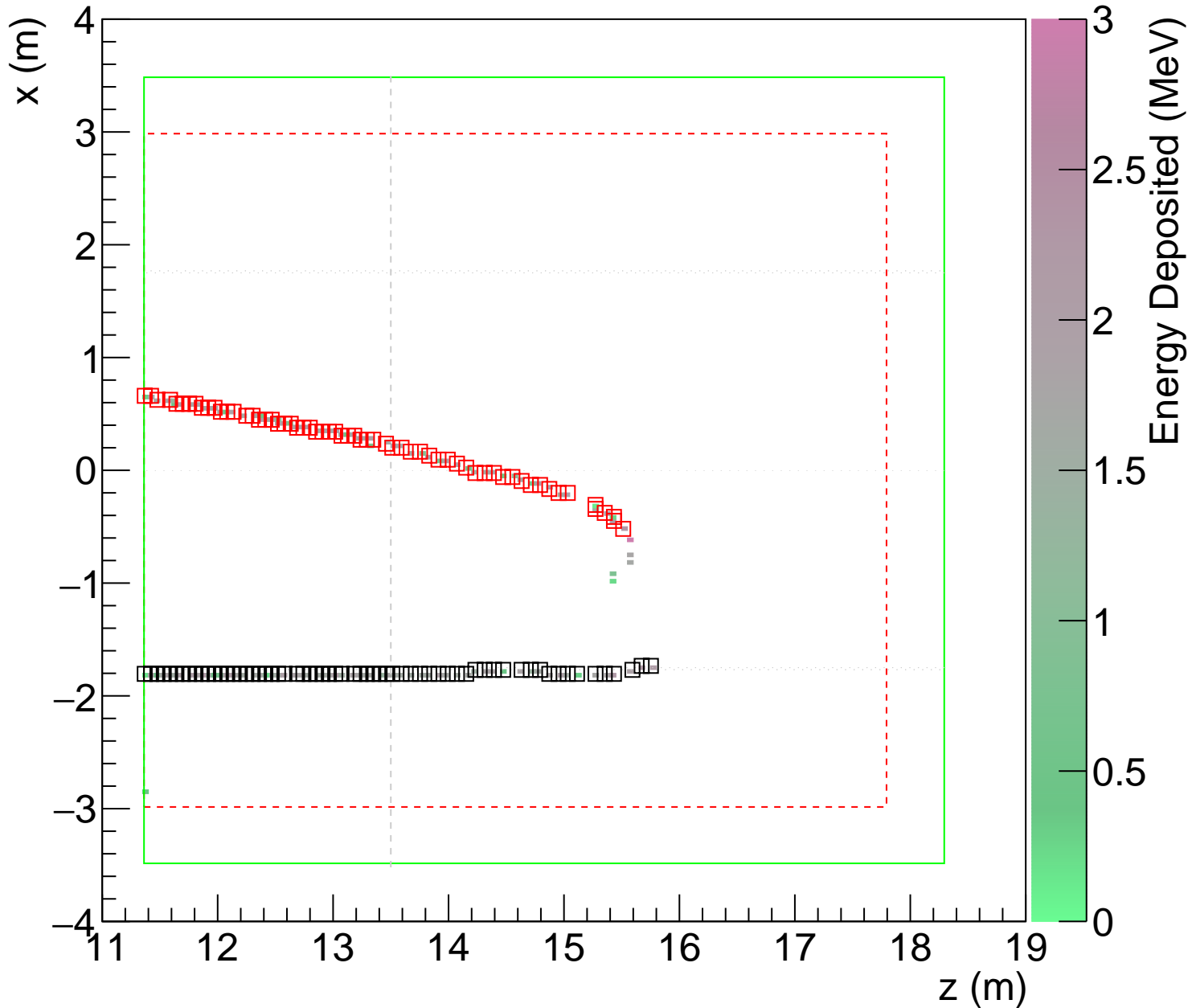


Event 102, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.39$  GeV,  $E_{\mu}^{\text{true}}=3.45$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

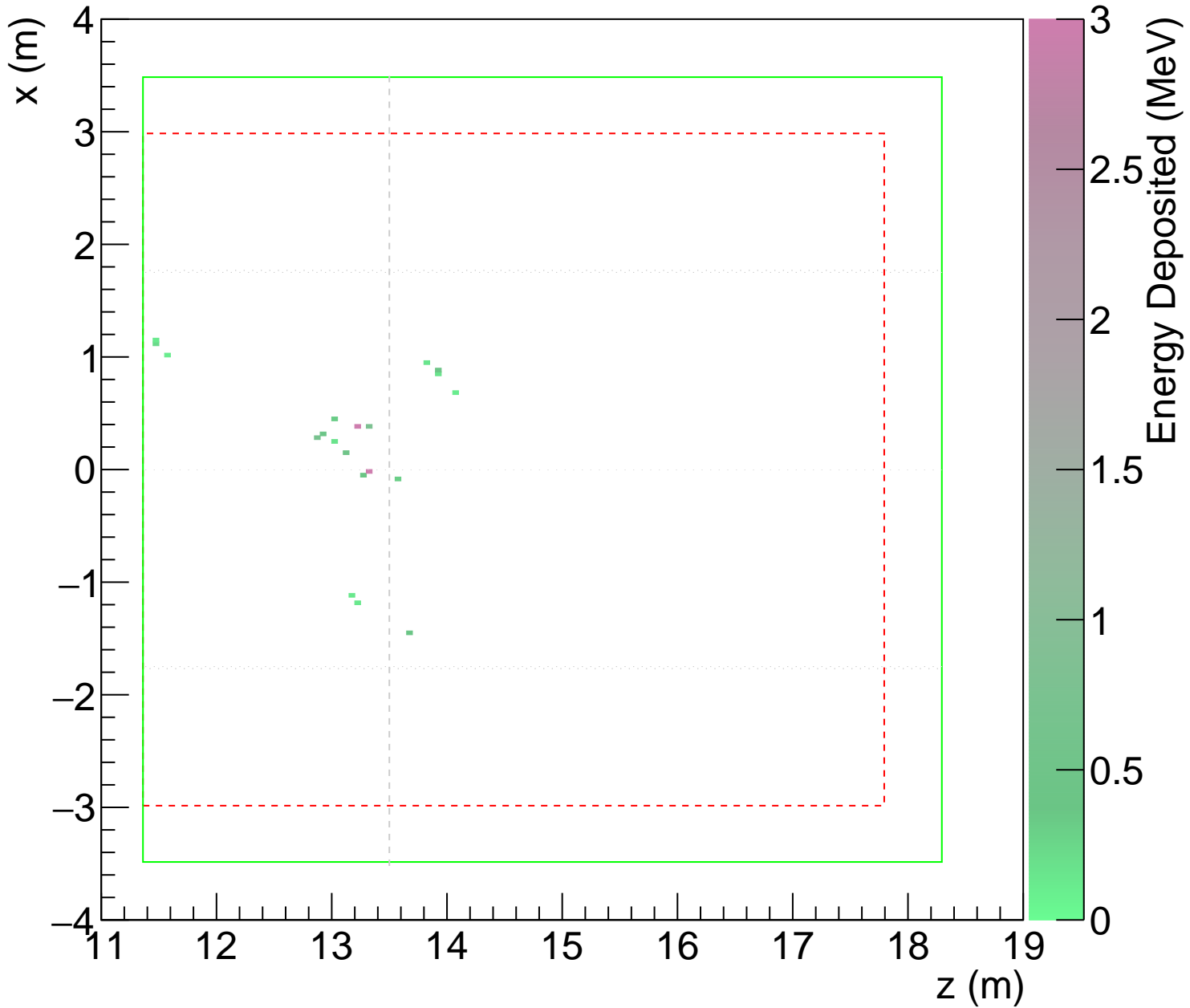


# Event 102 reconstructed

nLines: 2, nClusters: 0

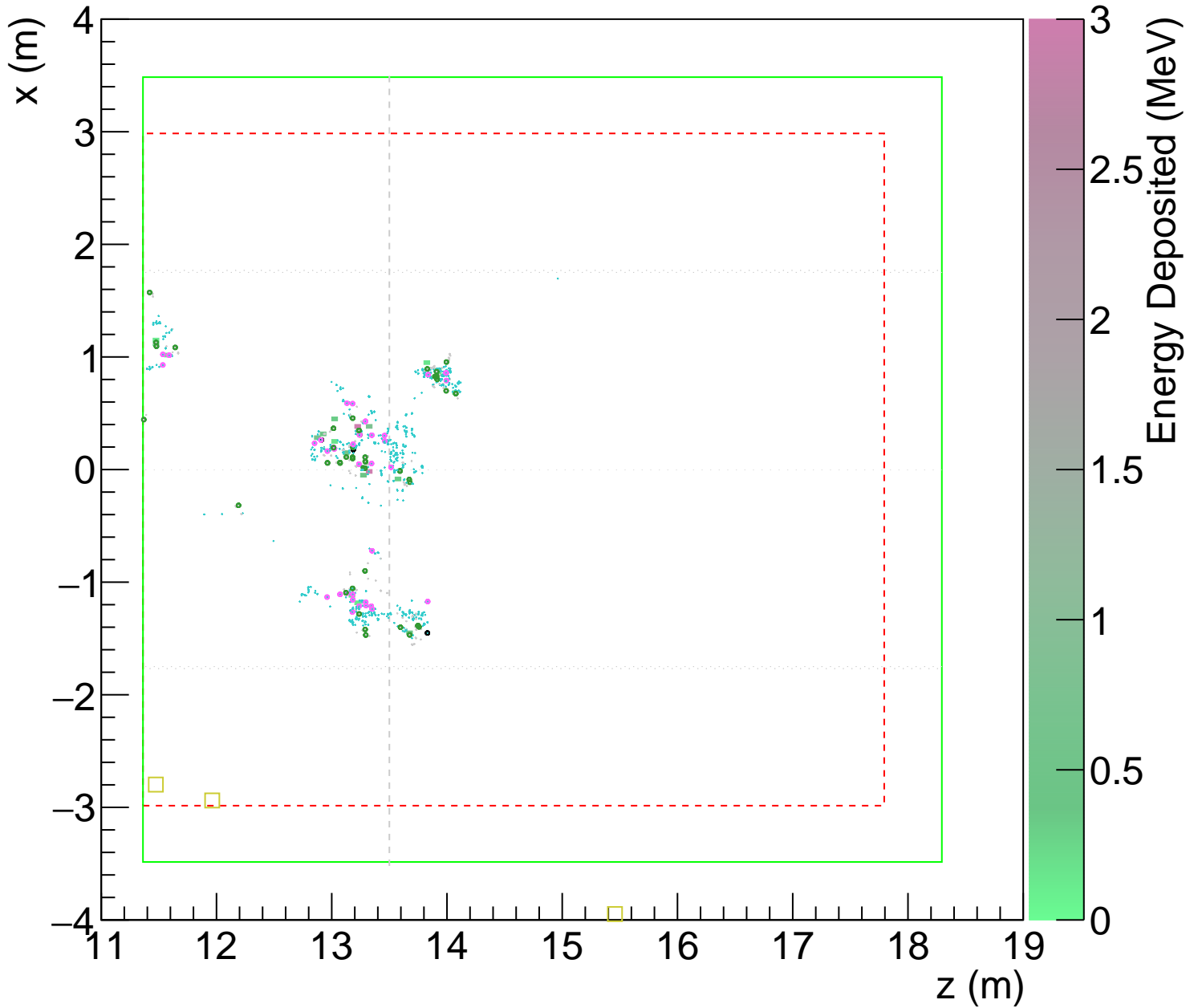


Event 106, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=12.60$  GeV,  $E_{\mu}^{\text{true}}=2.61$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



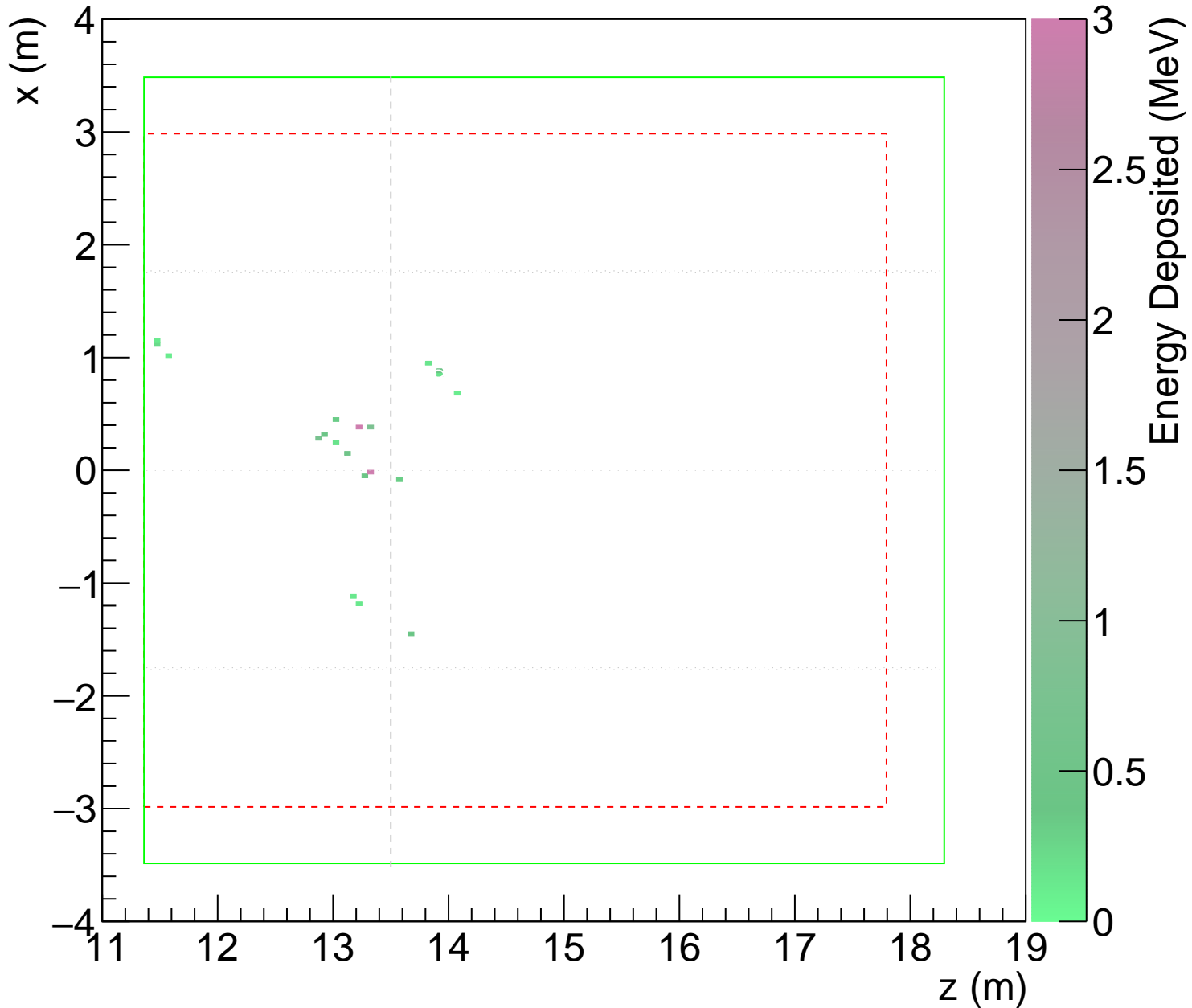


Event 106, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=12.60$  GeV,  $E_{\mu}^{\text{true}}=2.61$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



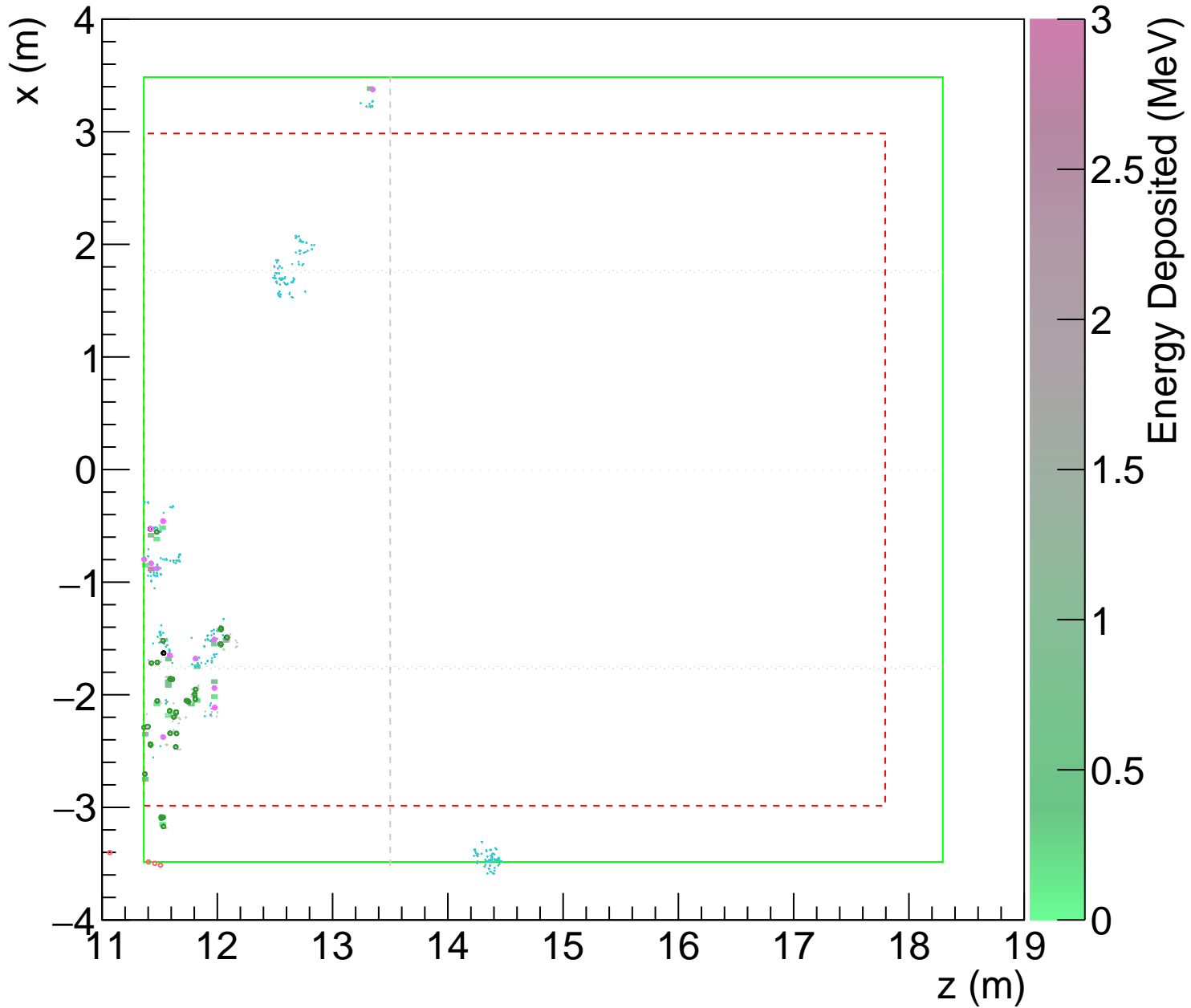
# Event 106 reconstructed

nLines: 0, nClusters: 1



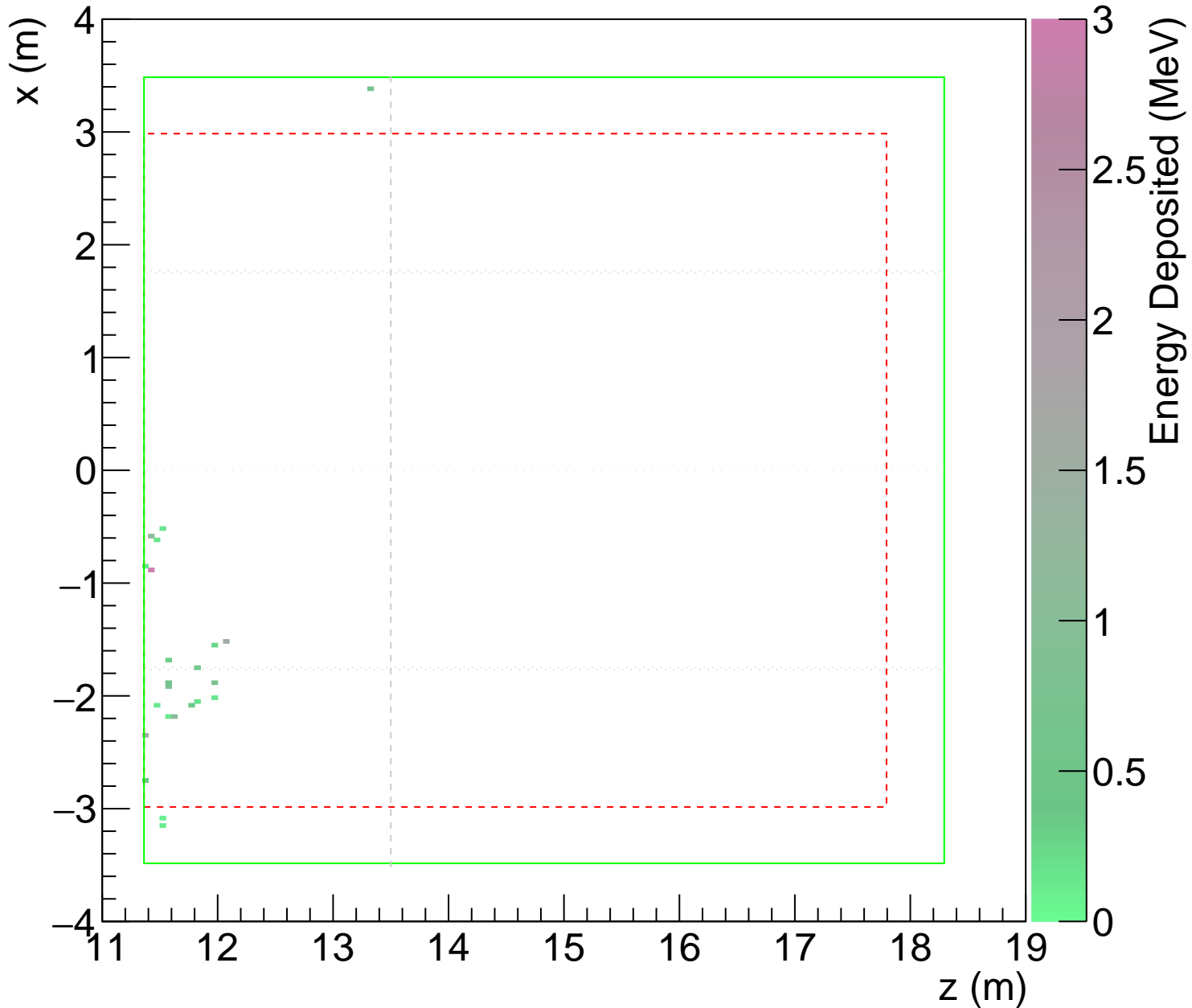


Event 110, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=19.91$  GeV,  $E_{\mu}^{\text{true}}=8.99$  GeV  
nu:-14,tgt:1000180400,N:2112,q:2(v),proc:Weak[CC],DIS,

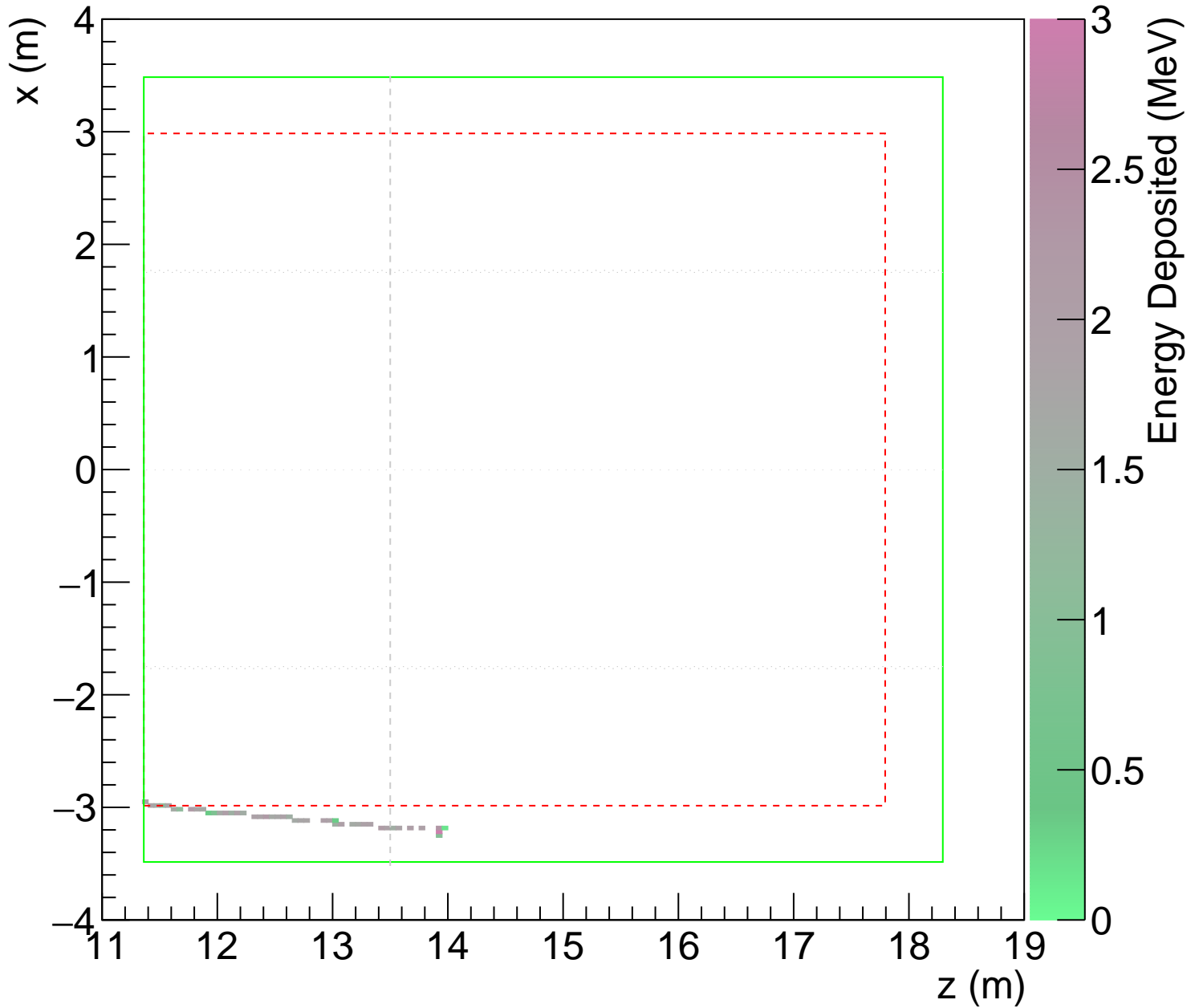


# Event 110 reconstructed

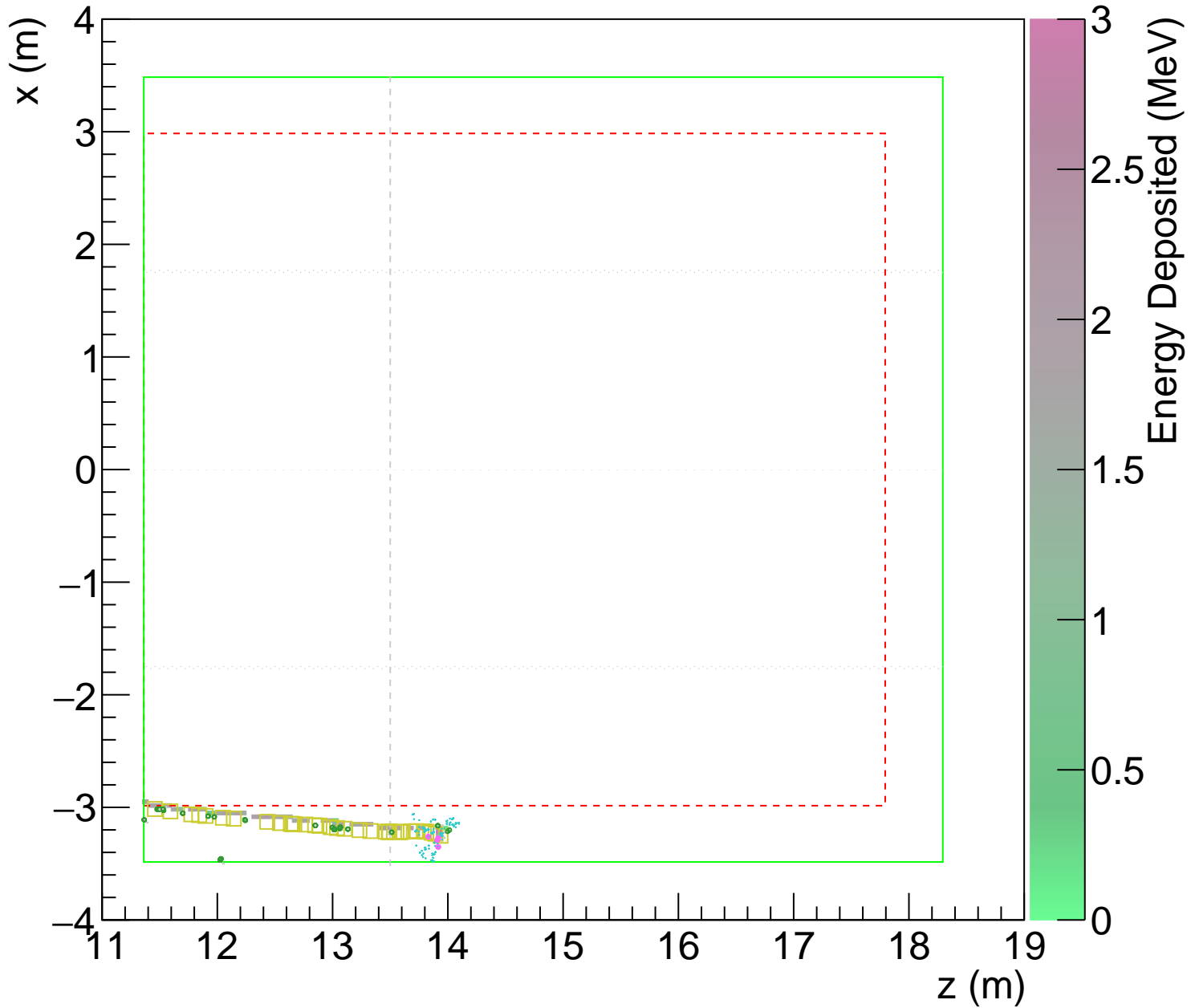
nLines: 0, nClusters: 0



Event 112, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.27$  GeV,  $E_{\mu}^{\text{true}}=1.77$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

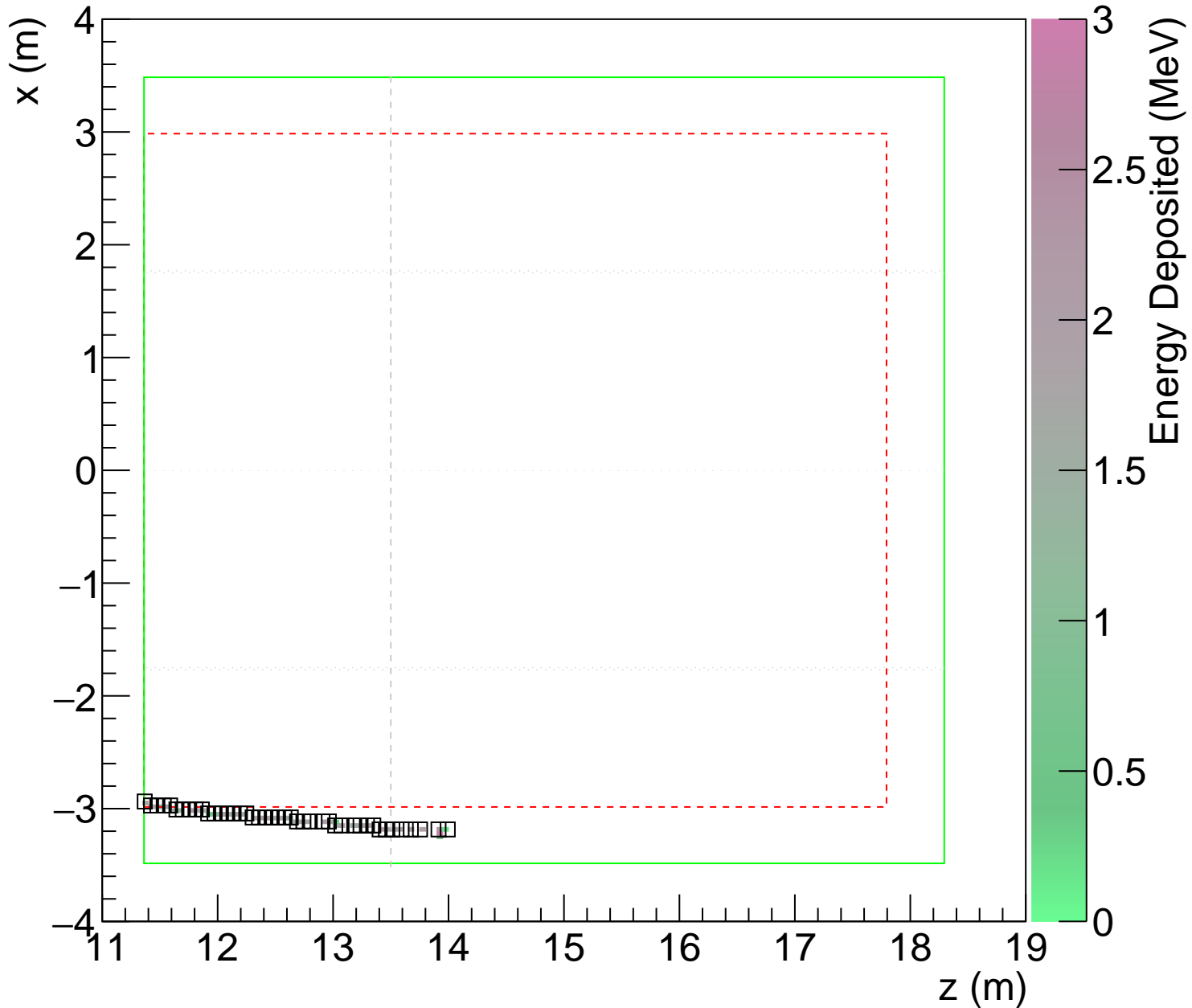


Event 112, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.27$  GeV,  $E_{\mu}^{\text{true}}=1.77$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



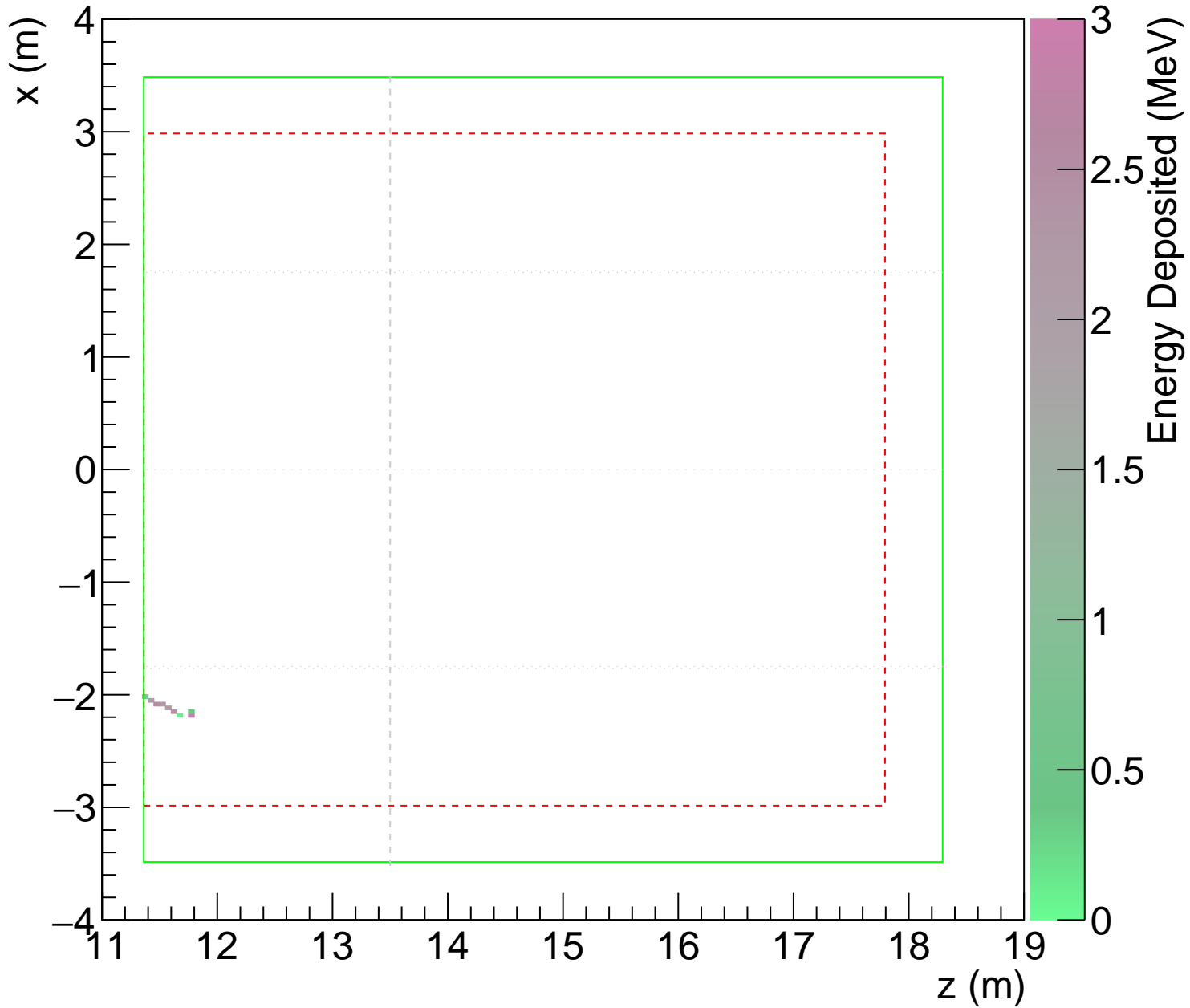
# Event 112 reconstructed

nLines: 1, nClusters: 0

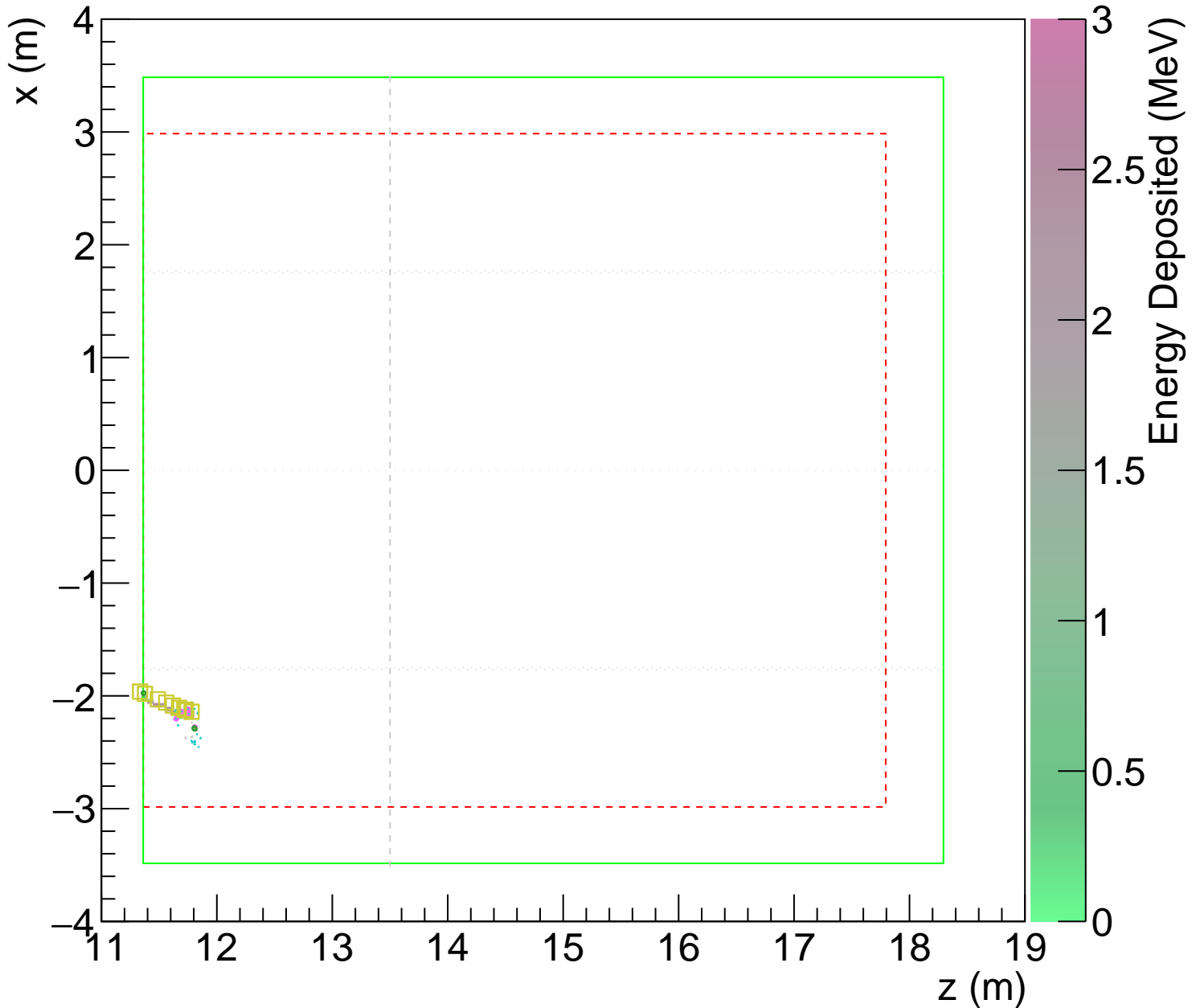




Event 113, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.25$  GeV,  $E_{\mu}^{\text{true}}=1.13$  GeV  
nu:14,tgt:1000060120,N:2112,proc:Weak[CC],QES,

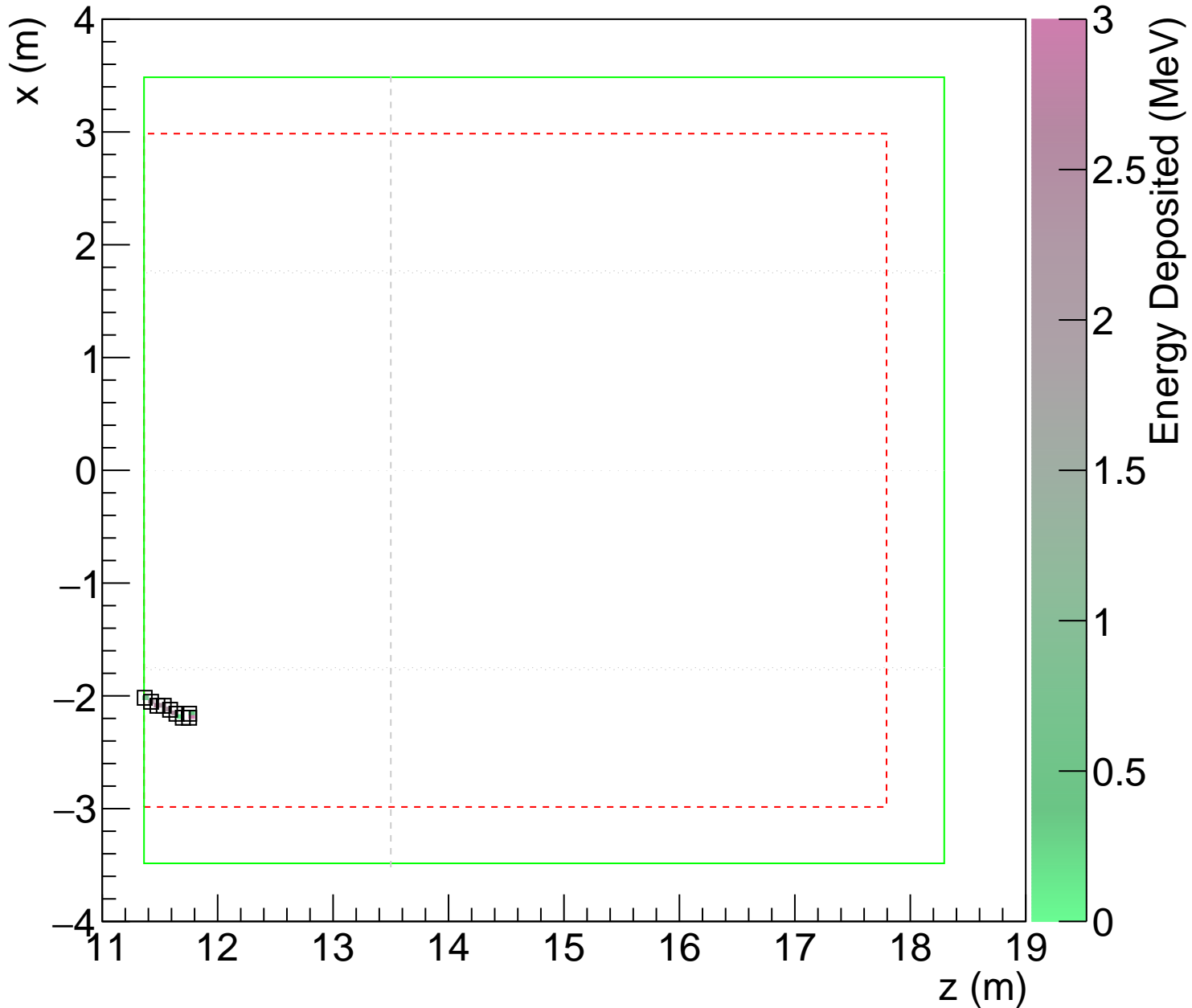


Event 113, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.25$  GeV,  $E_{\mu}^{\text{true}}=1.13$  GeV  
nu:14,tgt:1000060120,N:2112,proc:Weak[CC],QES,

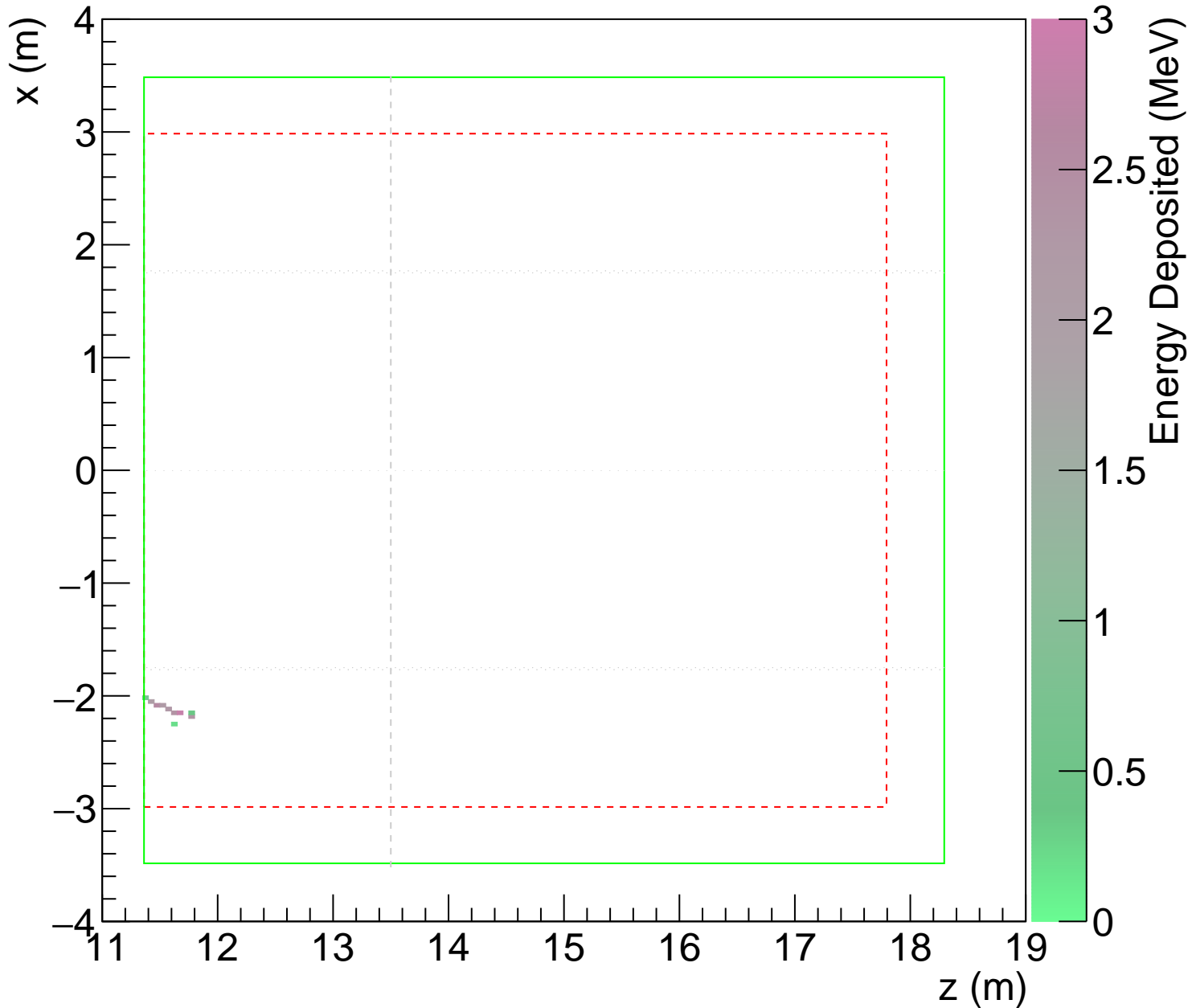


# Event 113 reconstructed

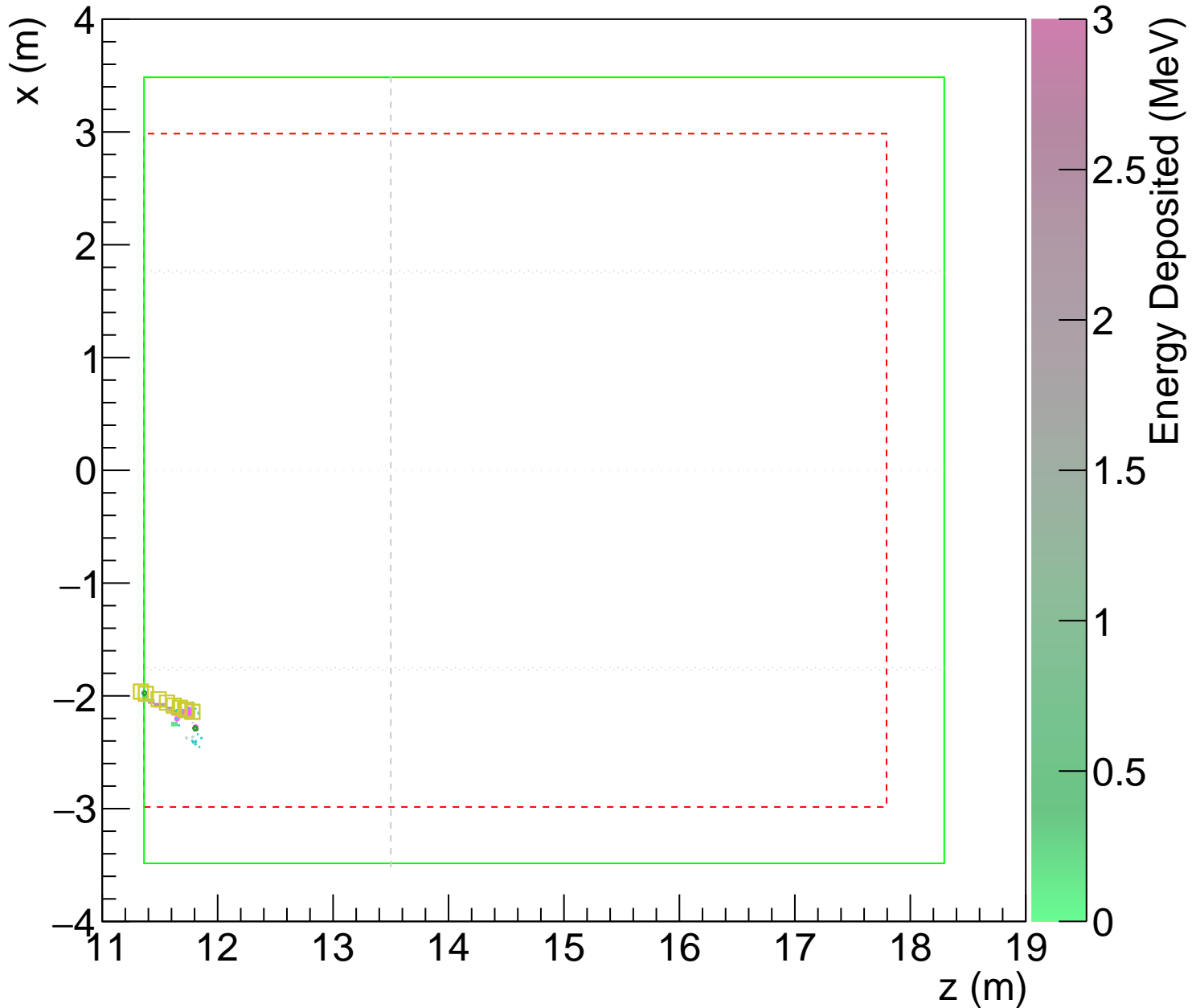
nLines: 1, nClusters: 0



Event 114, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.63$  GeV,  $E_{\mu}^{\text{true}}=1.13$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

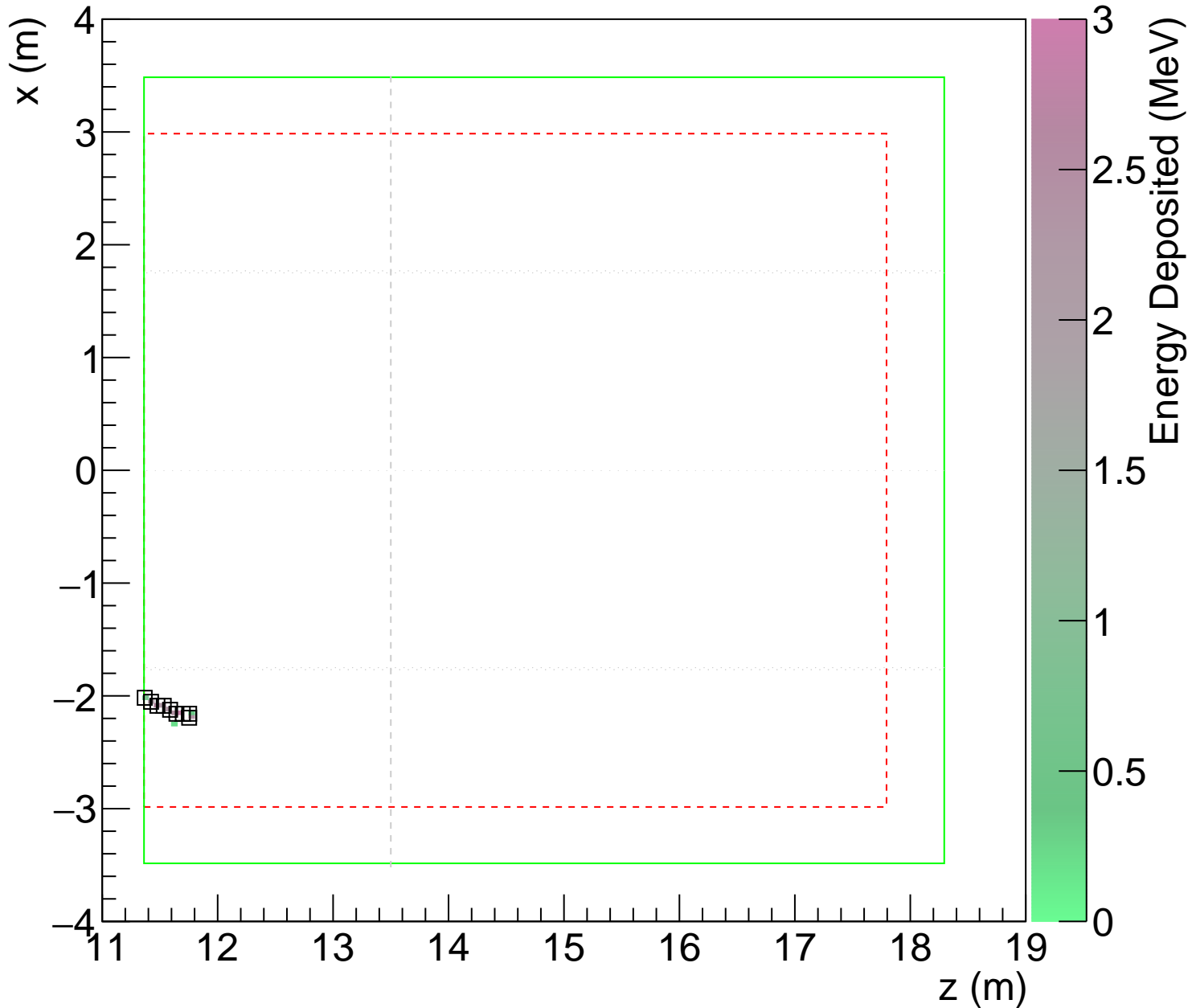


Event 114, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.63$  GeV,  $E_{\mu}^{\text{true}}=1.13$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

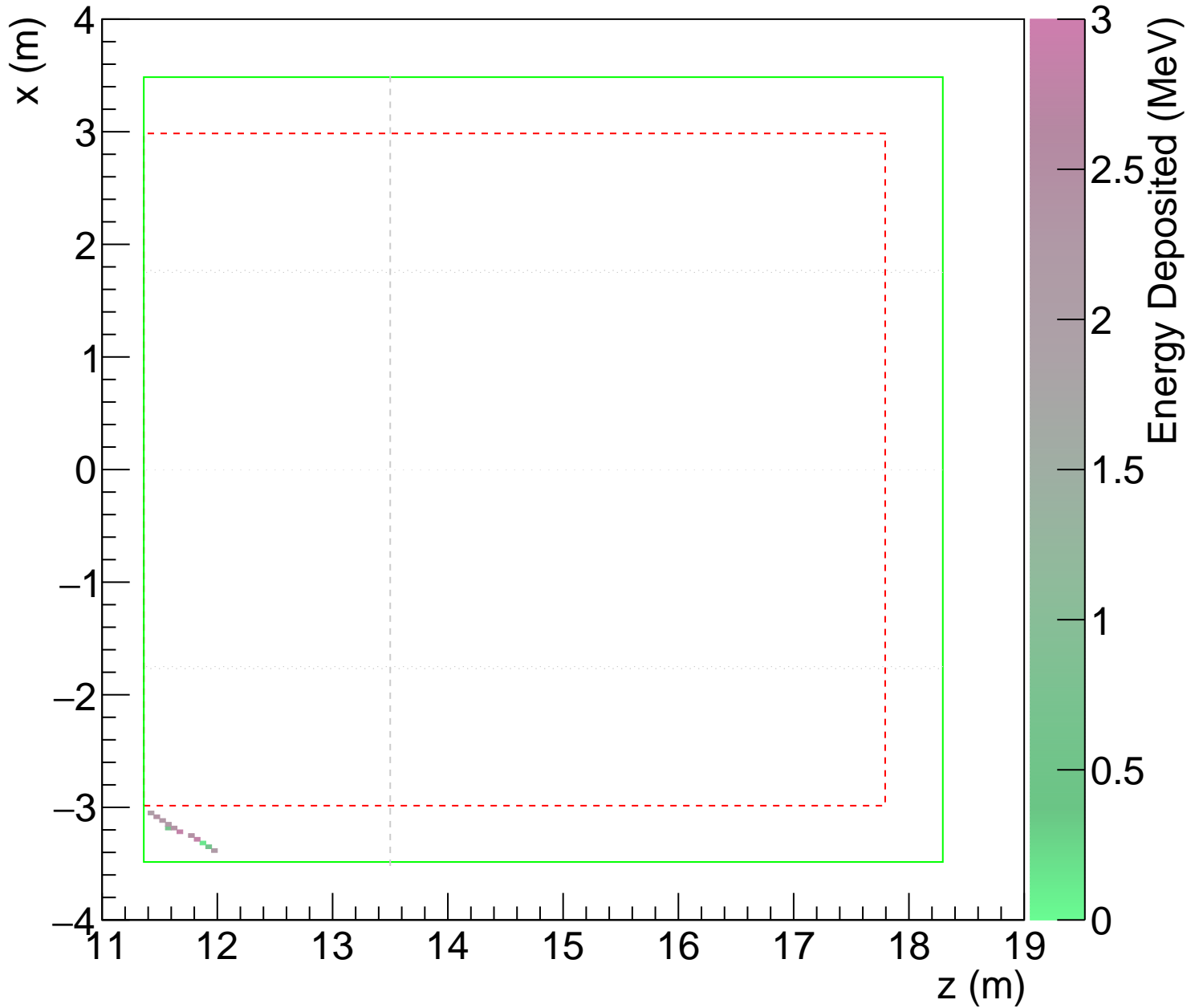


# Event 114 reconstructed

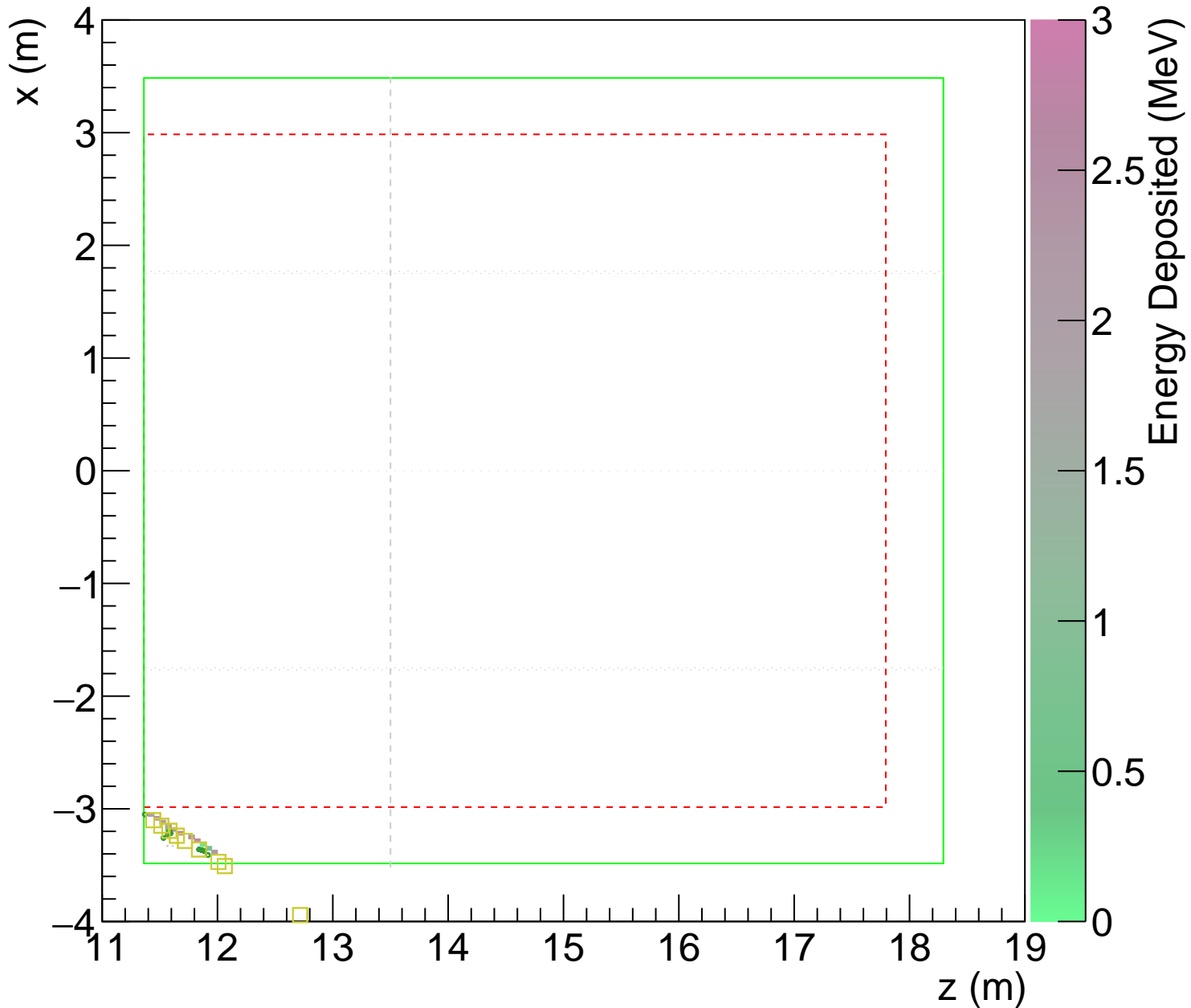
nLines: 1, nClusters: 0



Event 115, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.73$  GeV,  $E_{\mu}^{\text{true}}=2.06$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



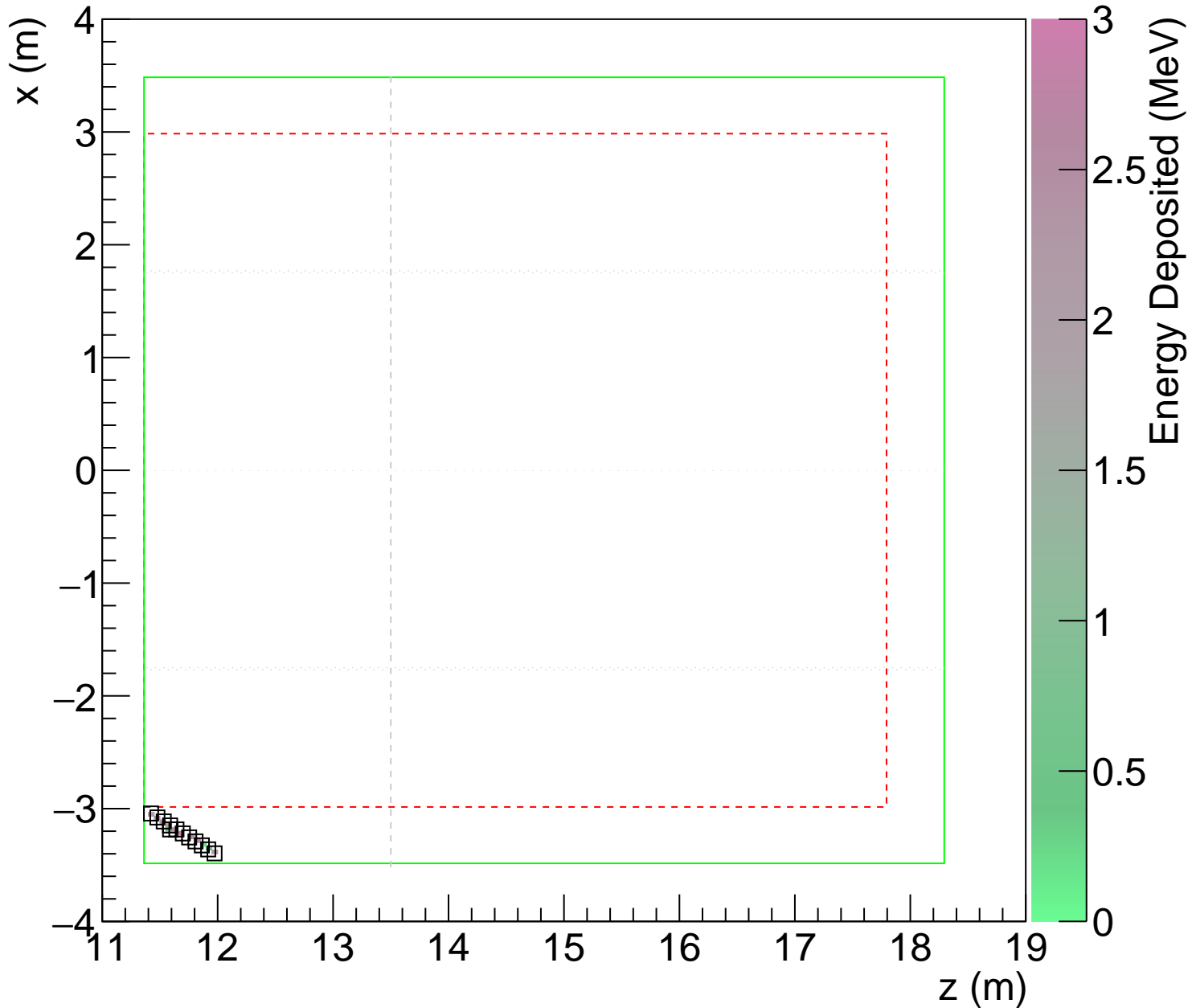
Event 115, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.73$  GeV,  $E_{\mu}^{\text{true}}=2.06$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



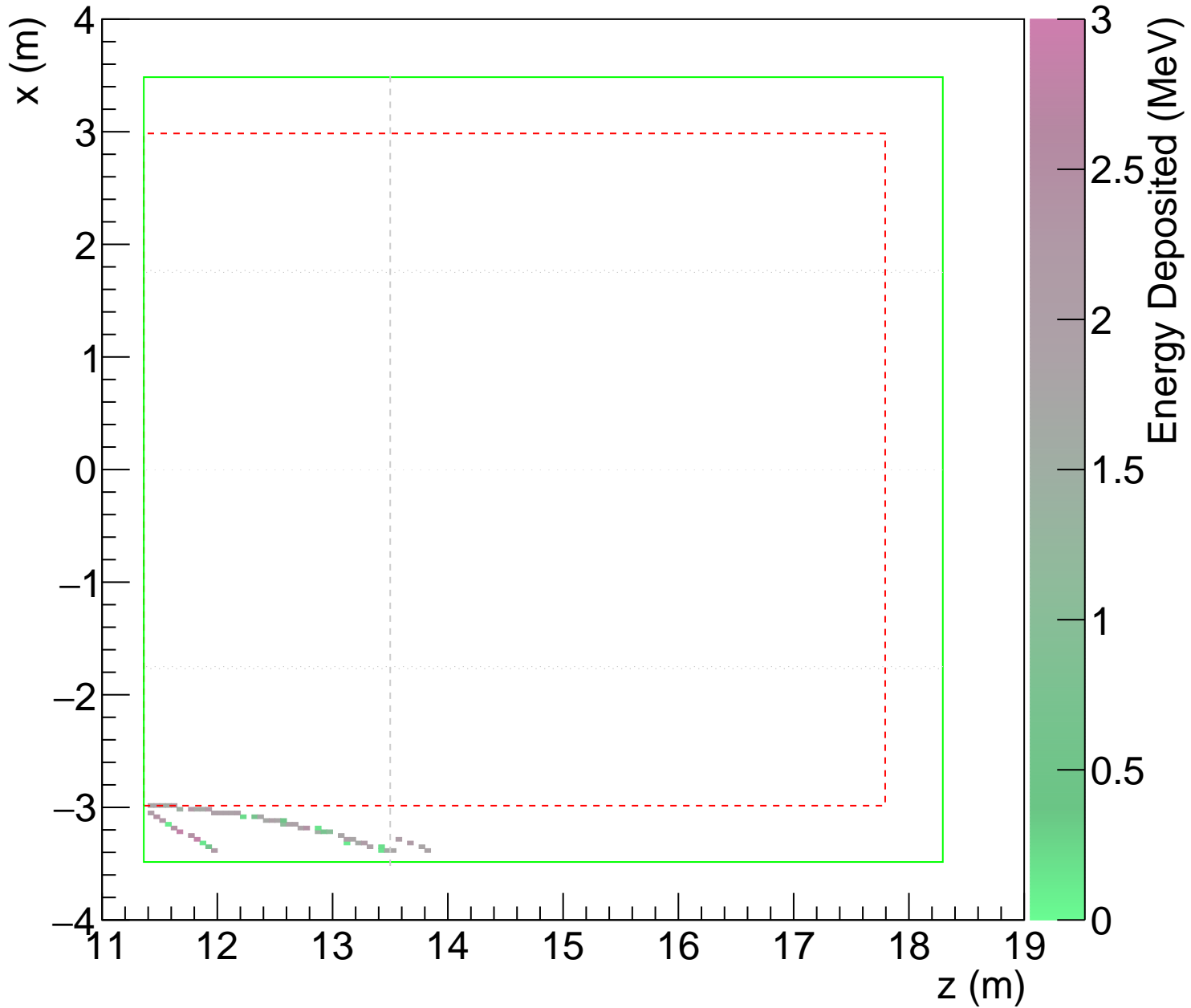


# Event 115 reconstructed

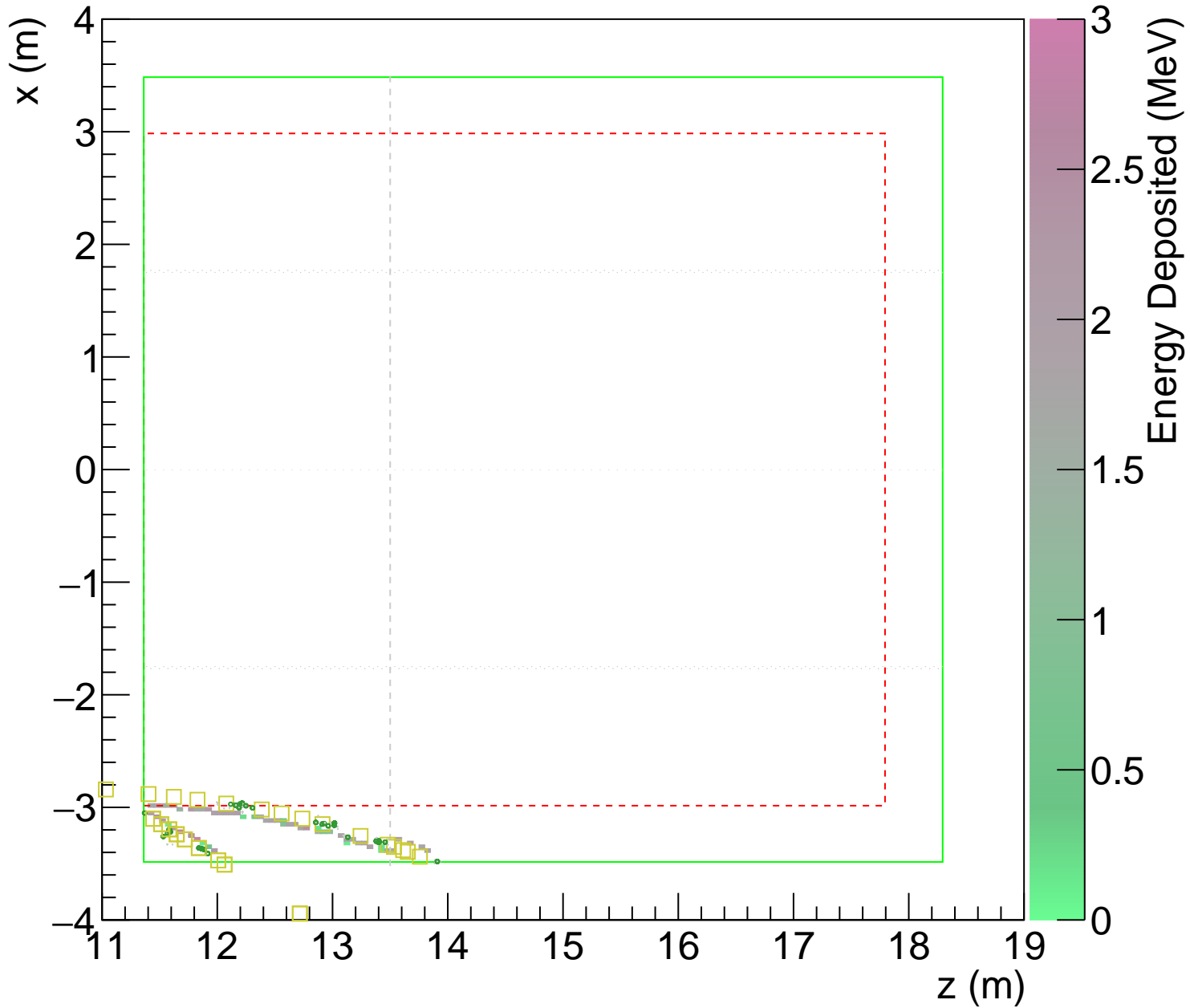
nLines: 1, nClusters: 0



Event 116, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=10.60$  GeV,  $E_{\mu}^{\text{true}}=3.10$  GeV  
nu:-14,tgt:1000180400,N:2112,q:-3(s),proc:Weak[CC],DIS,charm:incl,

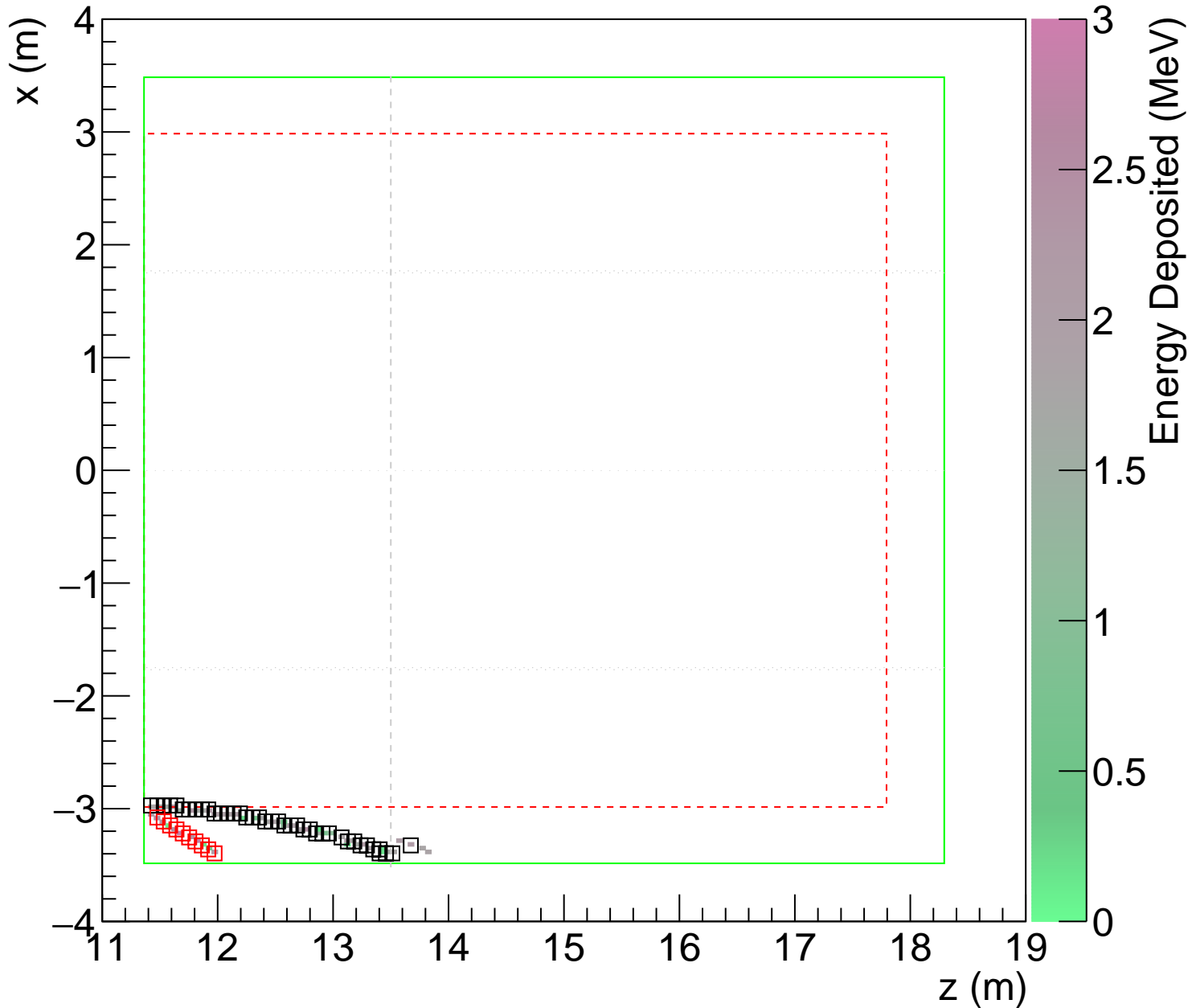


Event 116, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=10.60$  GeV,  $E_{\mu}^{\text{true}}=3.10$  GeV  
nu:-14,tgt:1000180400,N:2112,q:-3(s),proc:Weak[CC],DIS,charm:incl,

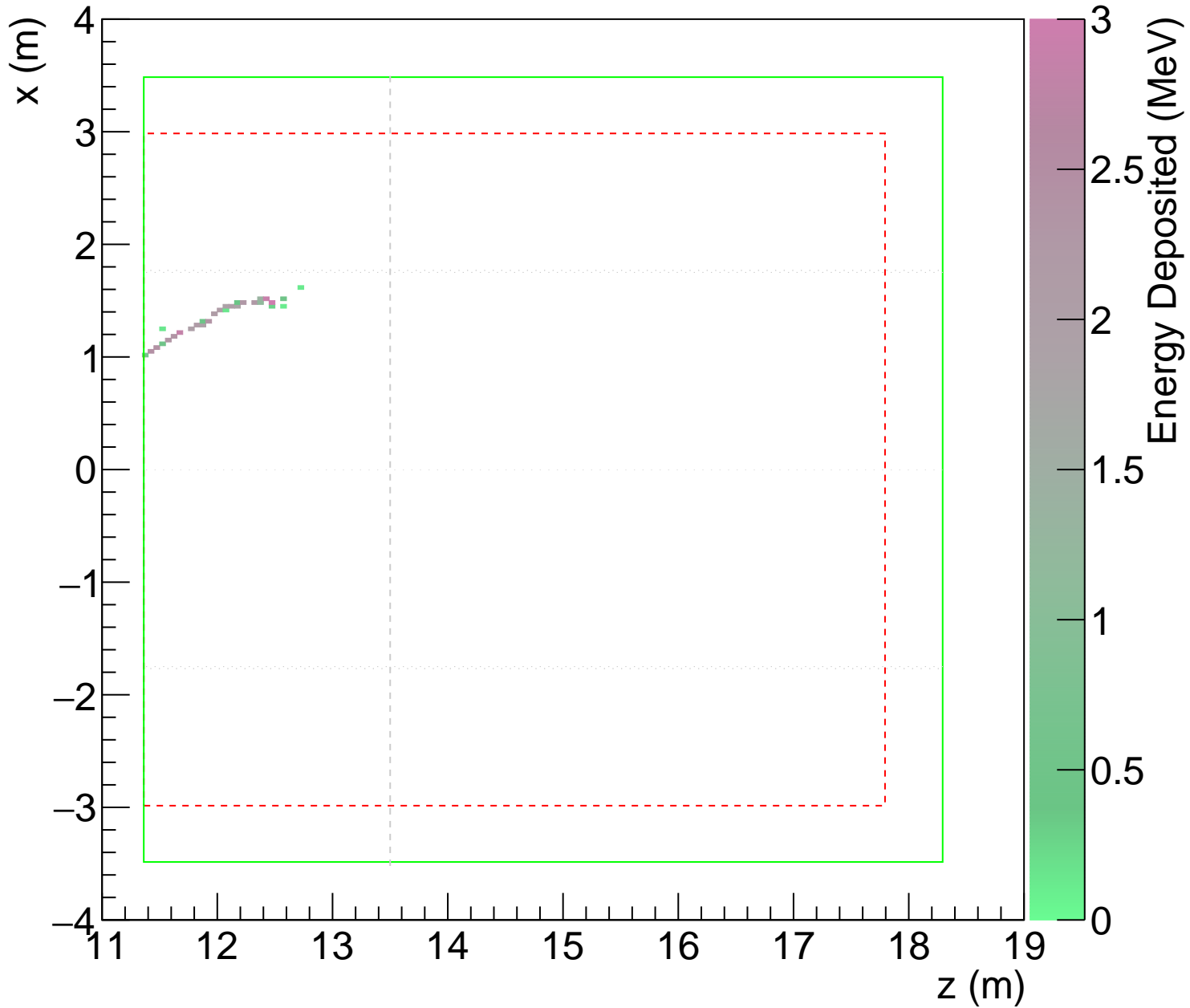


# Event 116 reconstructed

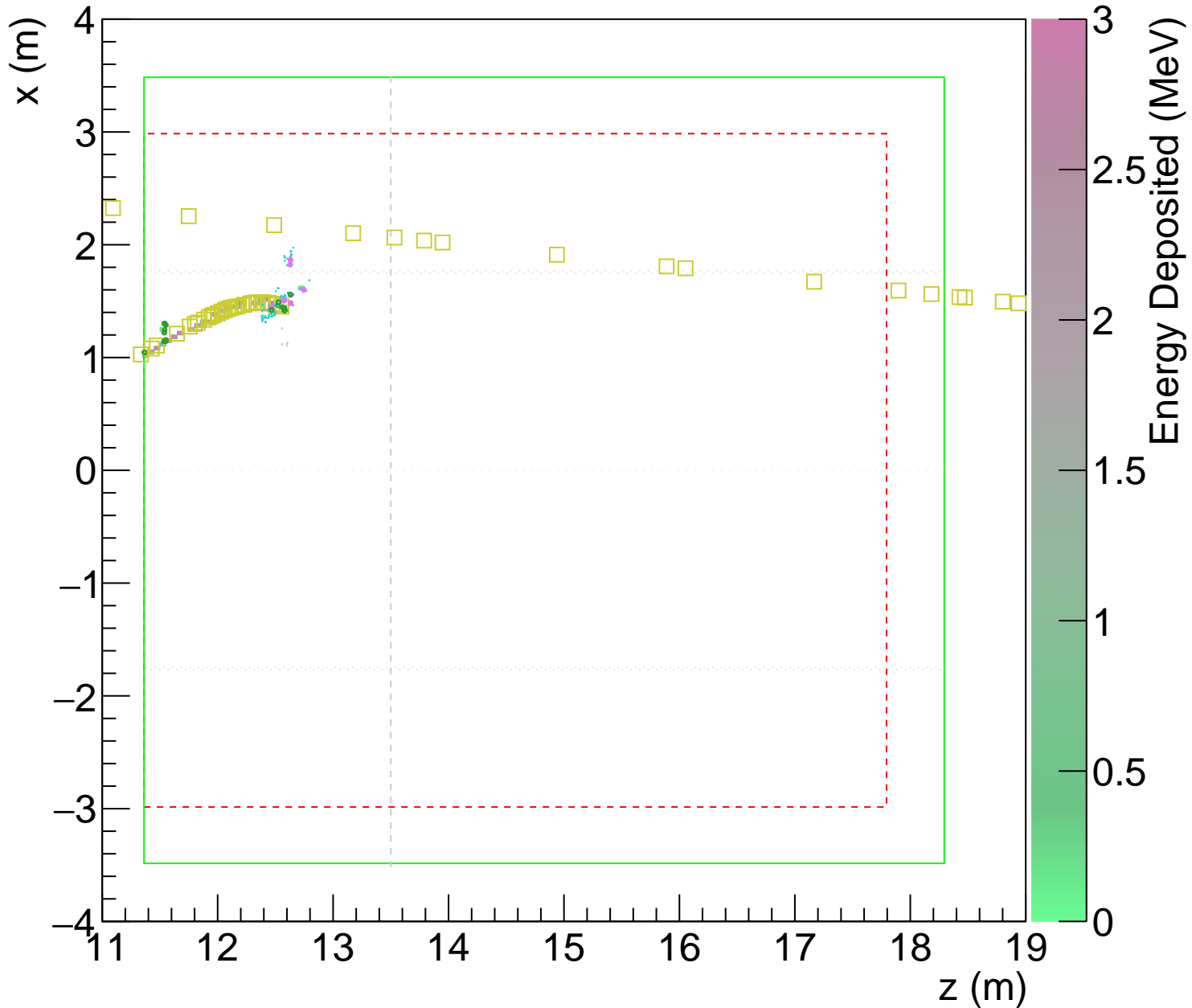
nLines: 2, nClusters: 0



Event 118, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.04$  GeV,  $E_{\mu}^{\text{true}}=0.91$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,

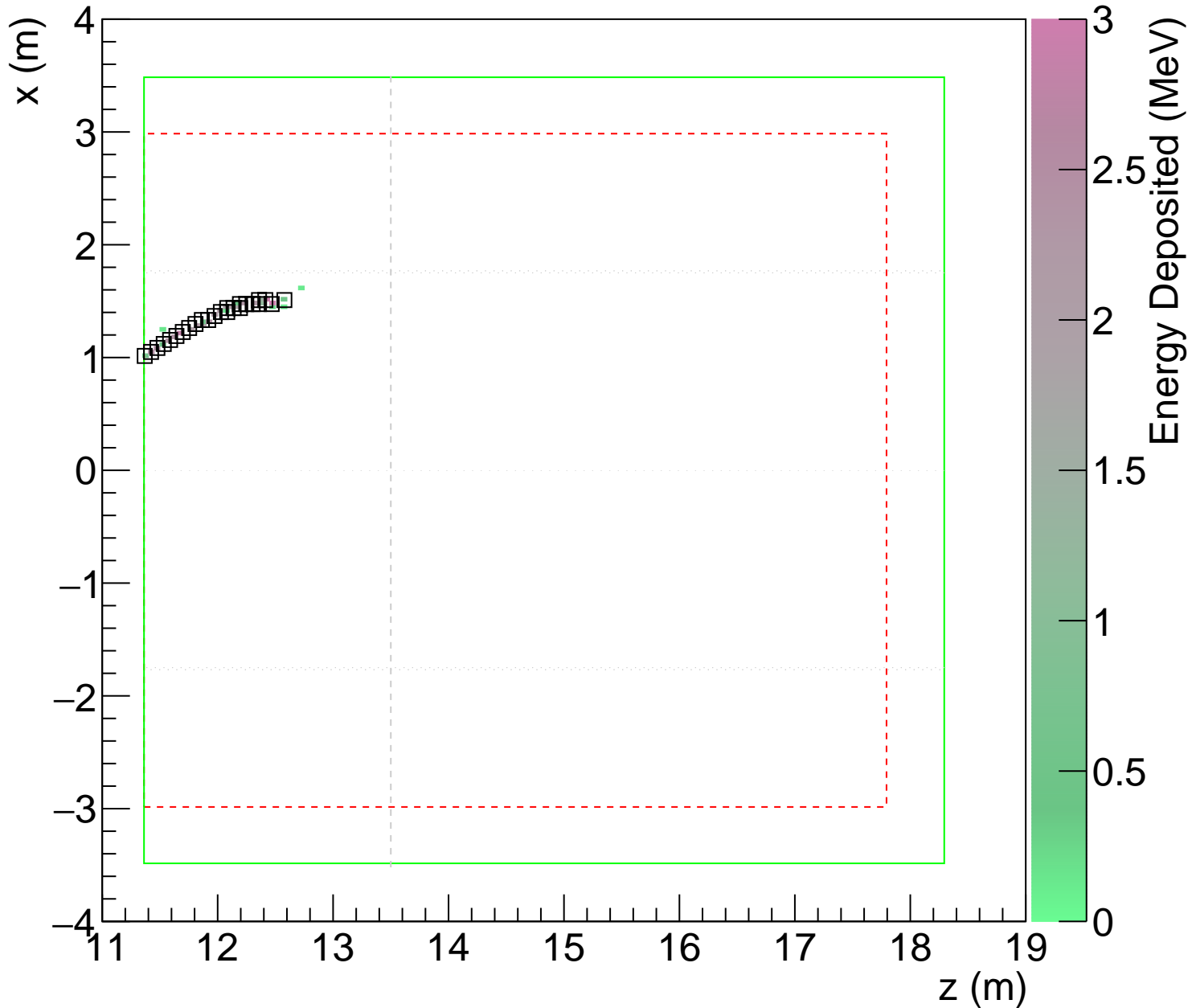


Event 118, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.04$  GeV,  $E_{\mu}^{\text{true}}=0.91$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,

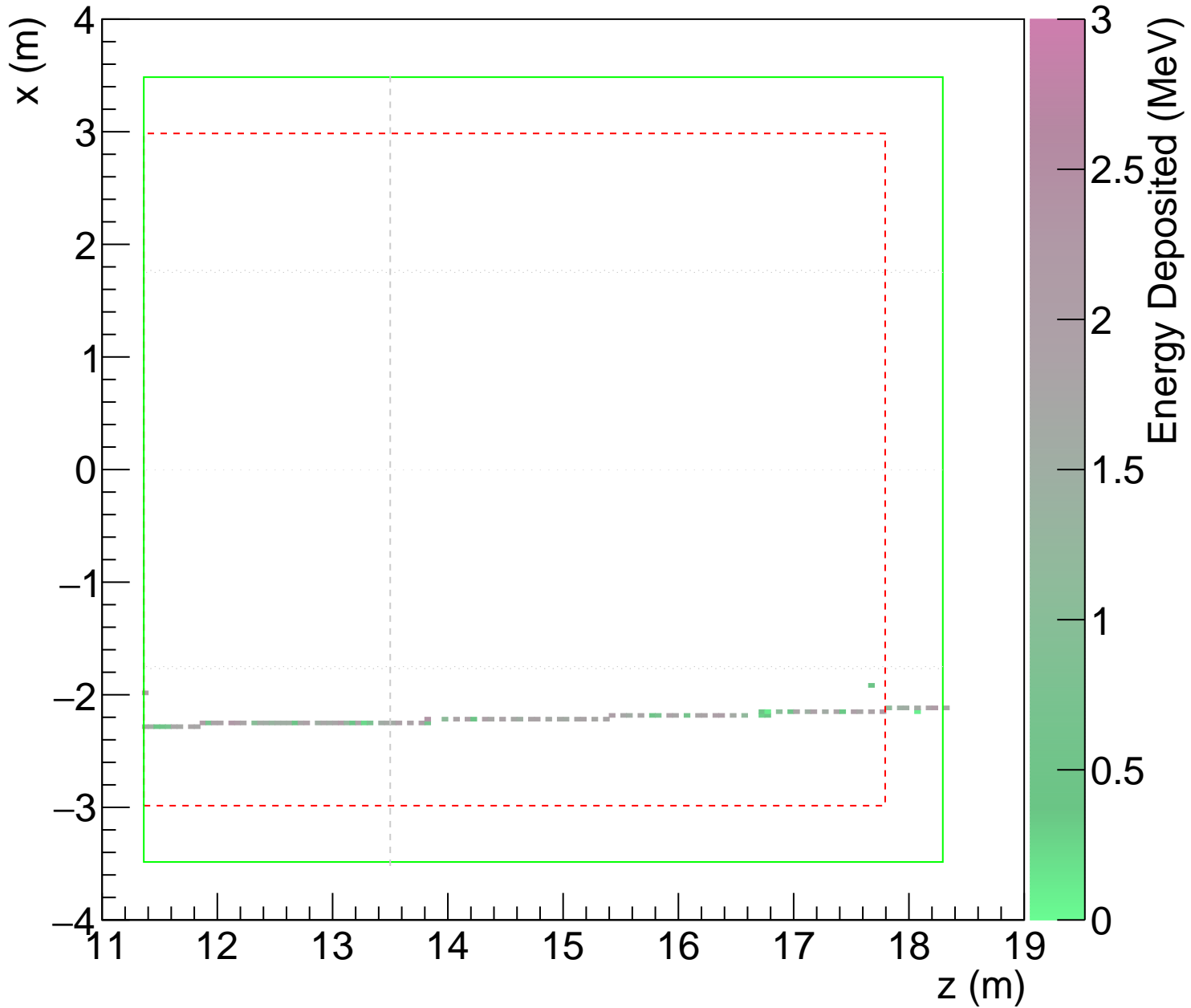


# Event 118 reconstructed

nLines: 1, nClusters: 0

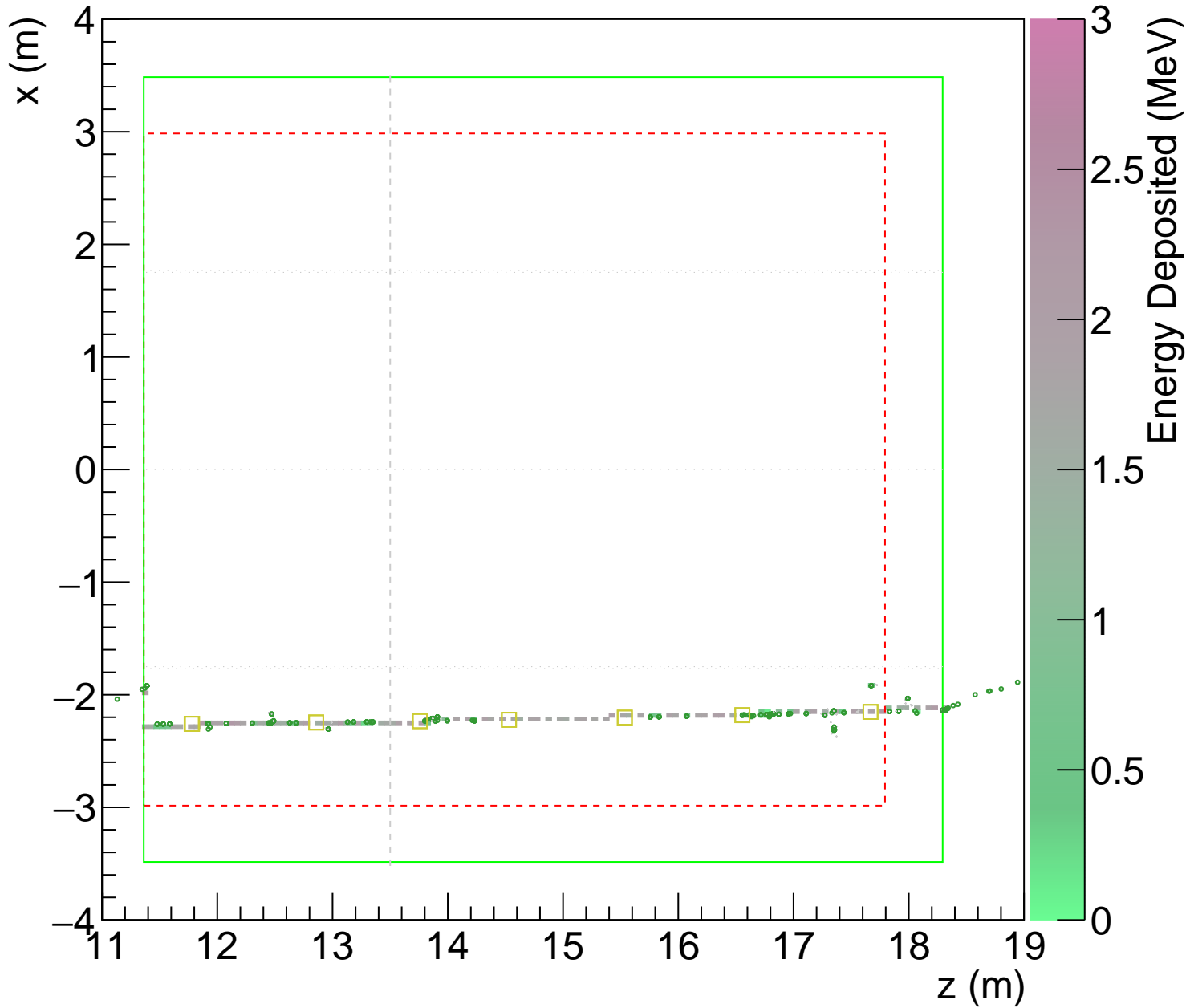


Event 120, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=44.52$  GeV,  $E_{\mu}^{\text{true}}=44.07$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,



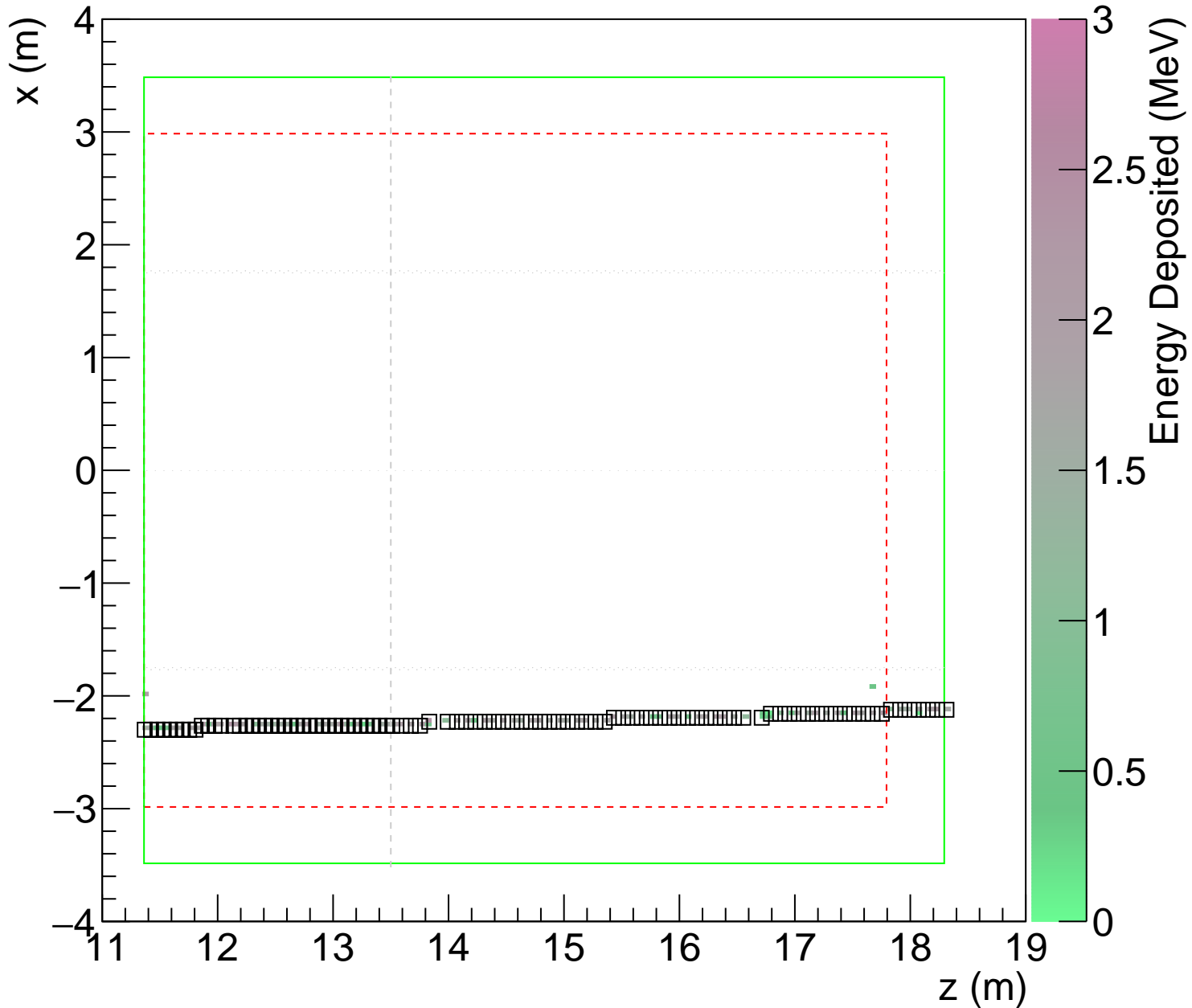


Event 120, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=44.52$  GeV,  $E_{\mu}^{\text{true}}=44.07$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,

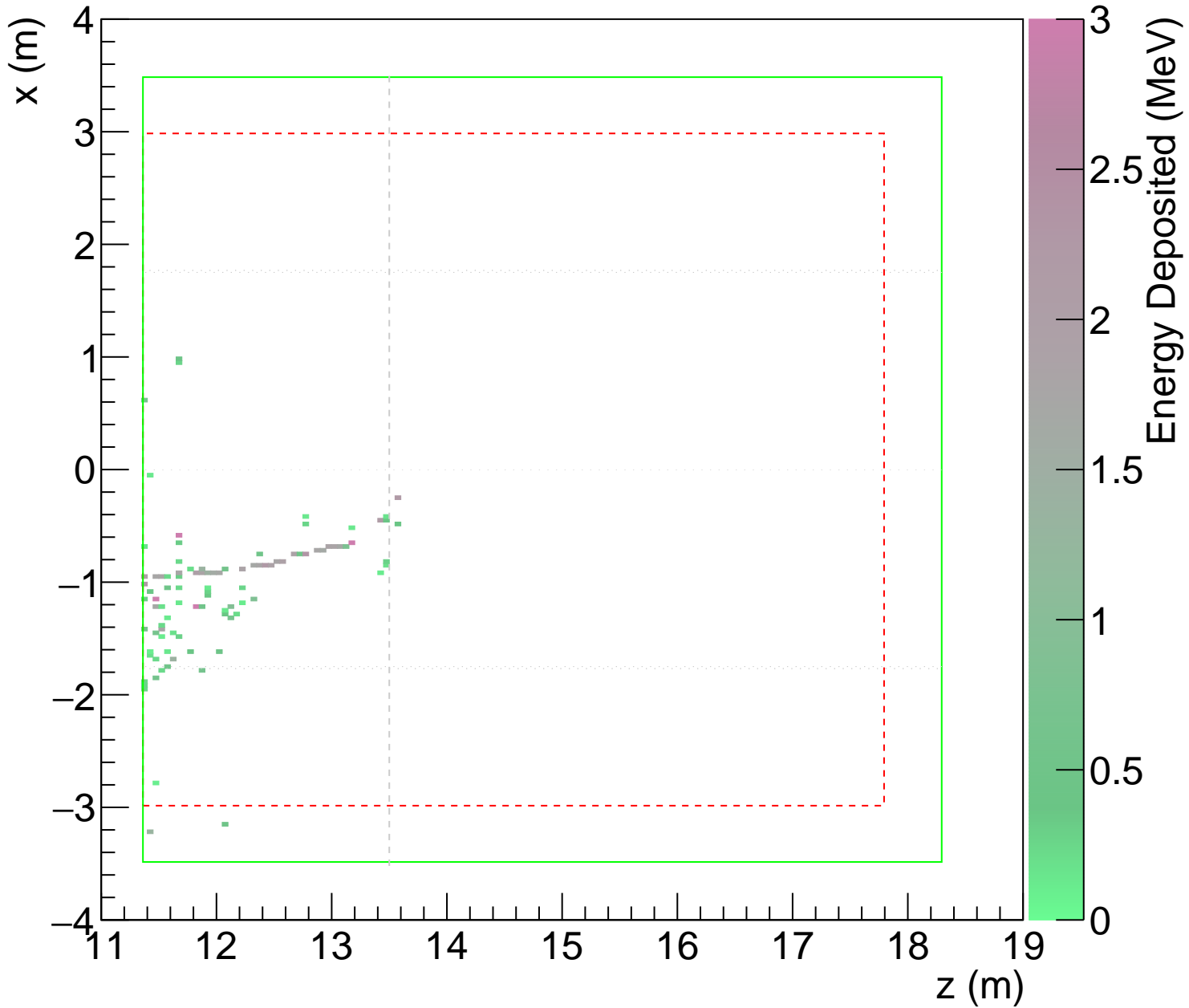


# Event 120 reconstructed

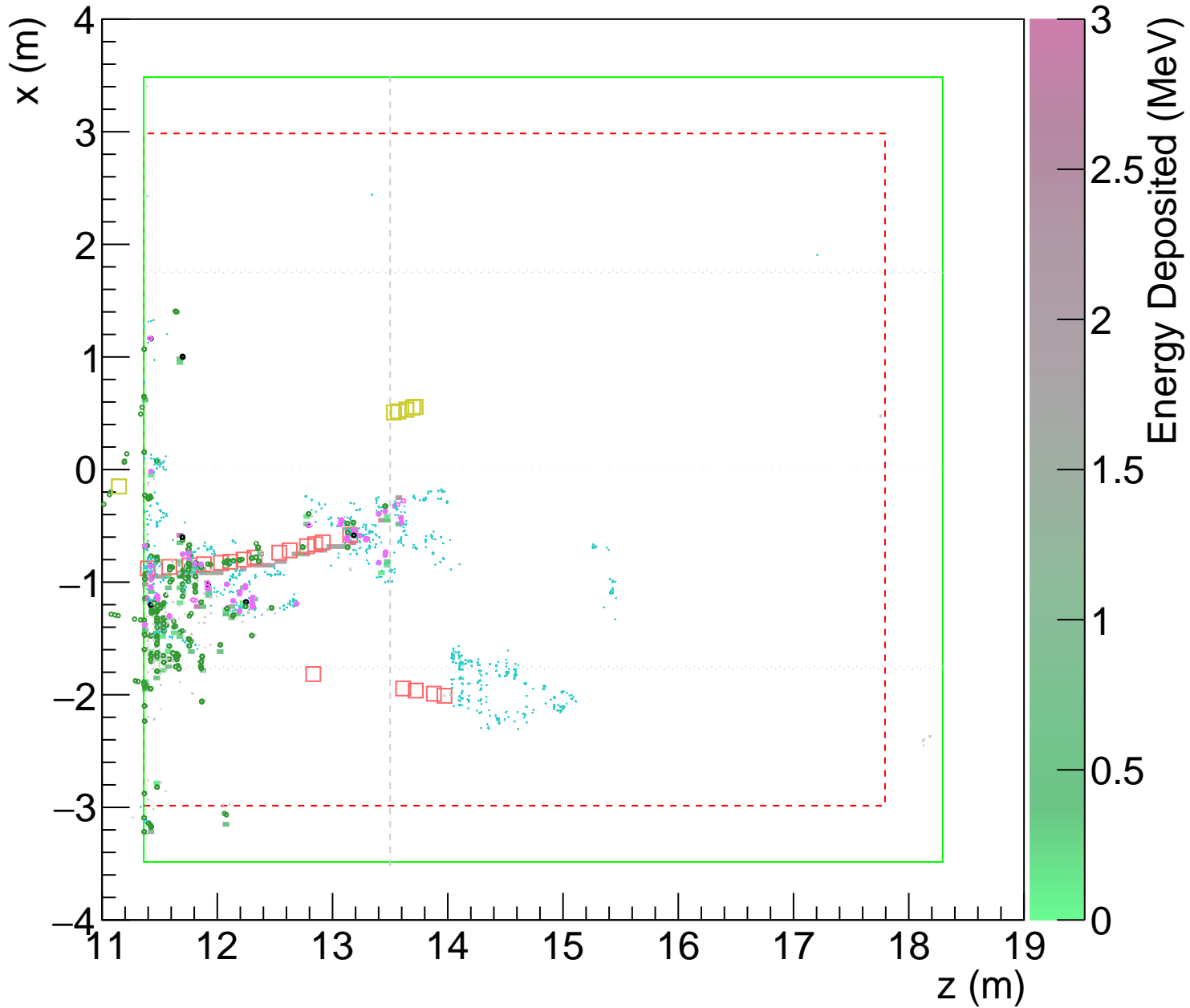
nLines: 1, nClusters: 0



Event 121, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=28.40$  GeV,  $E_{\mu}^{\text{true}}=0.70$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

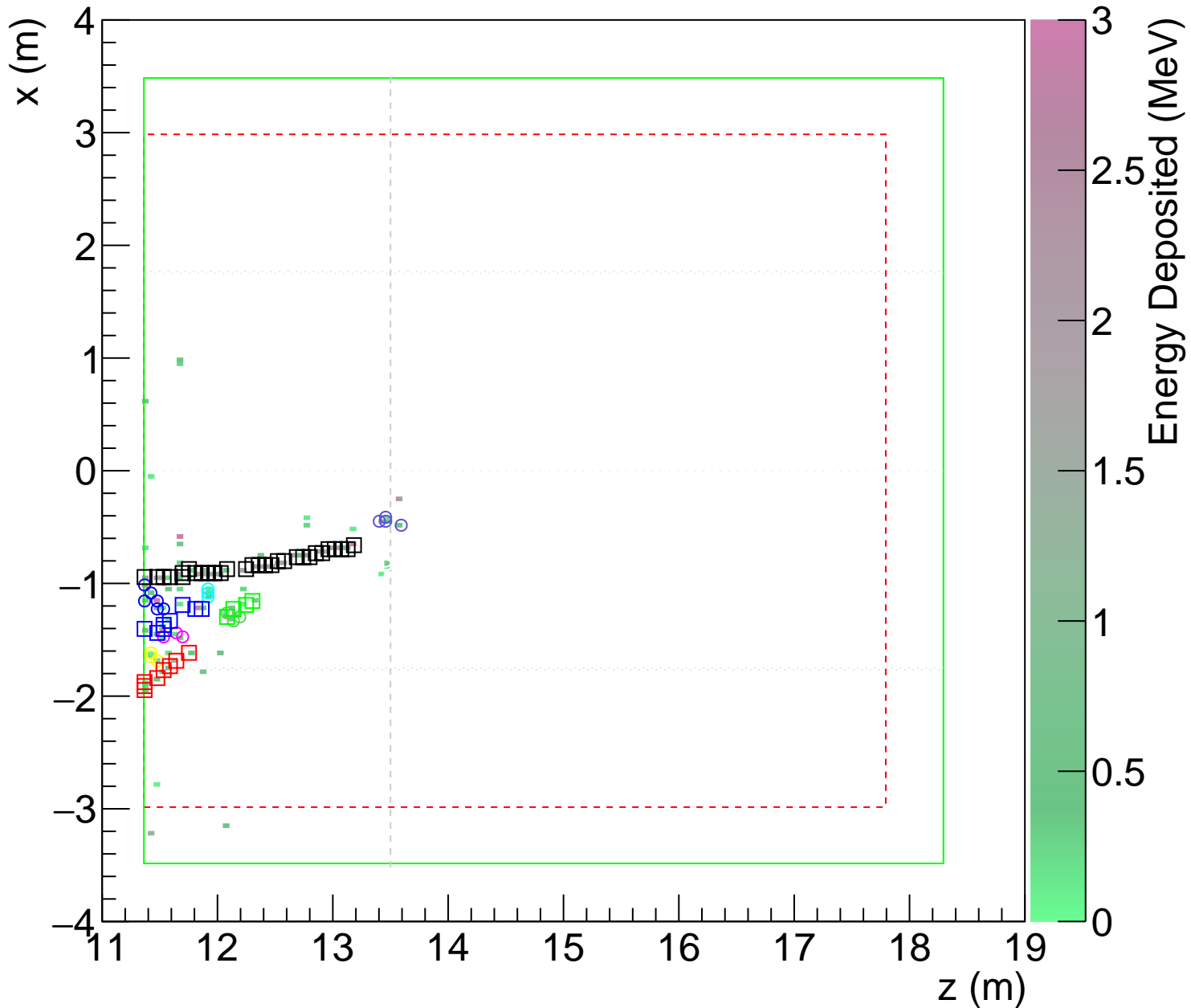


Event 121, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=28.40$  GeV,  $E_{\mu}^{\text{true}}=0.70$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

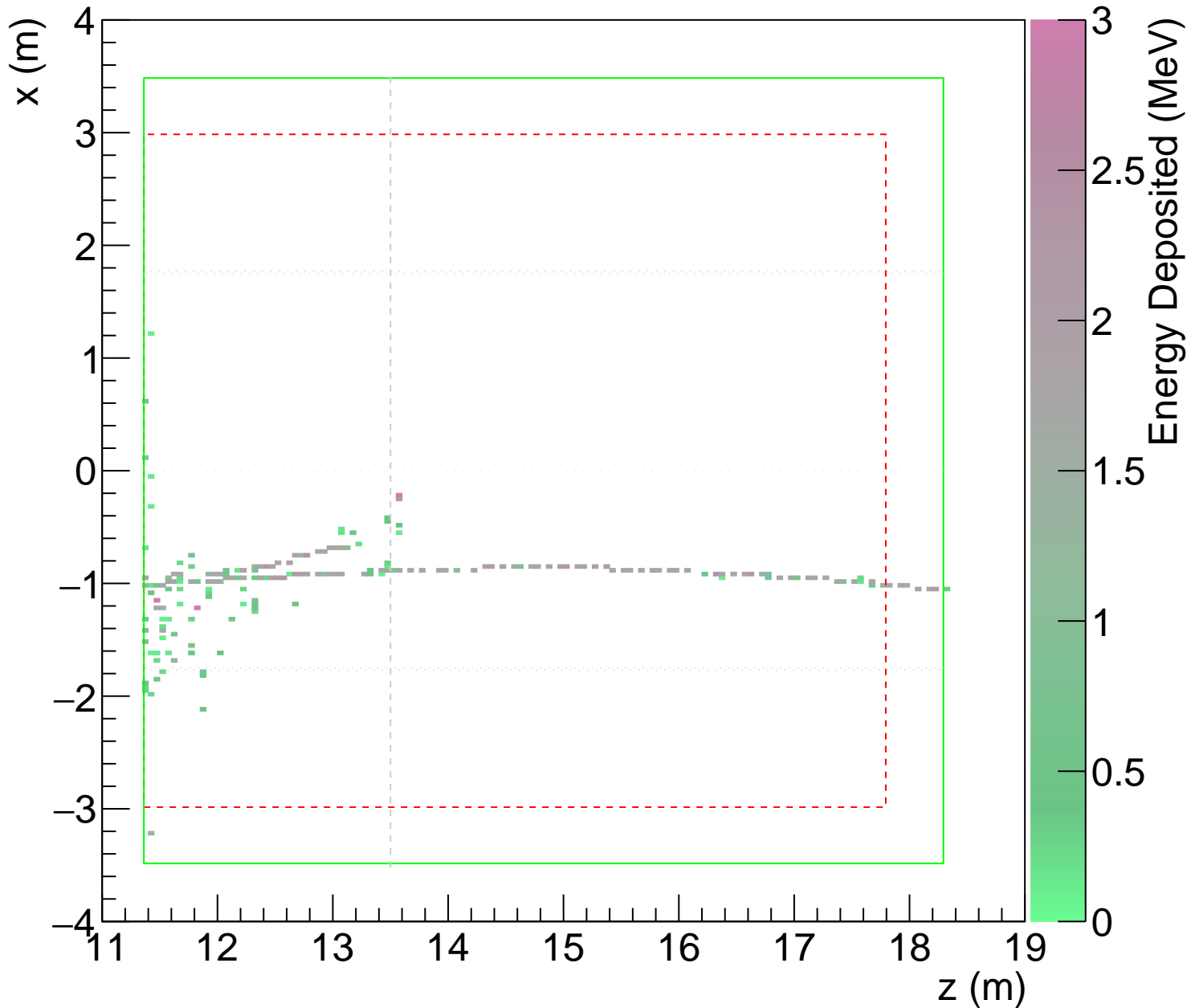


# Event 121 reconstructed

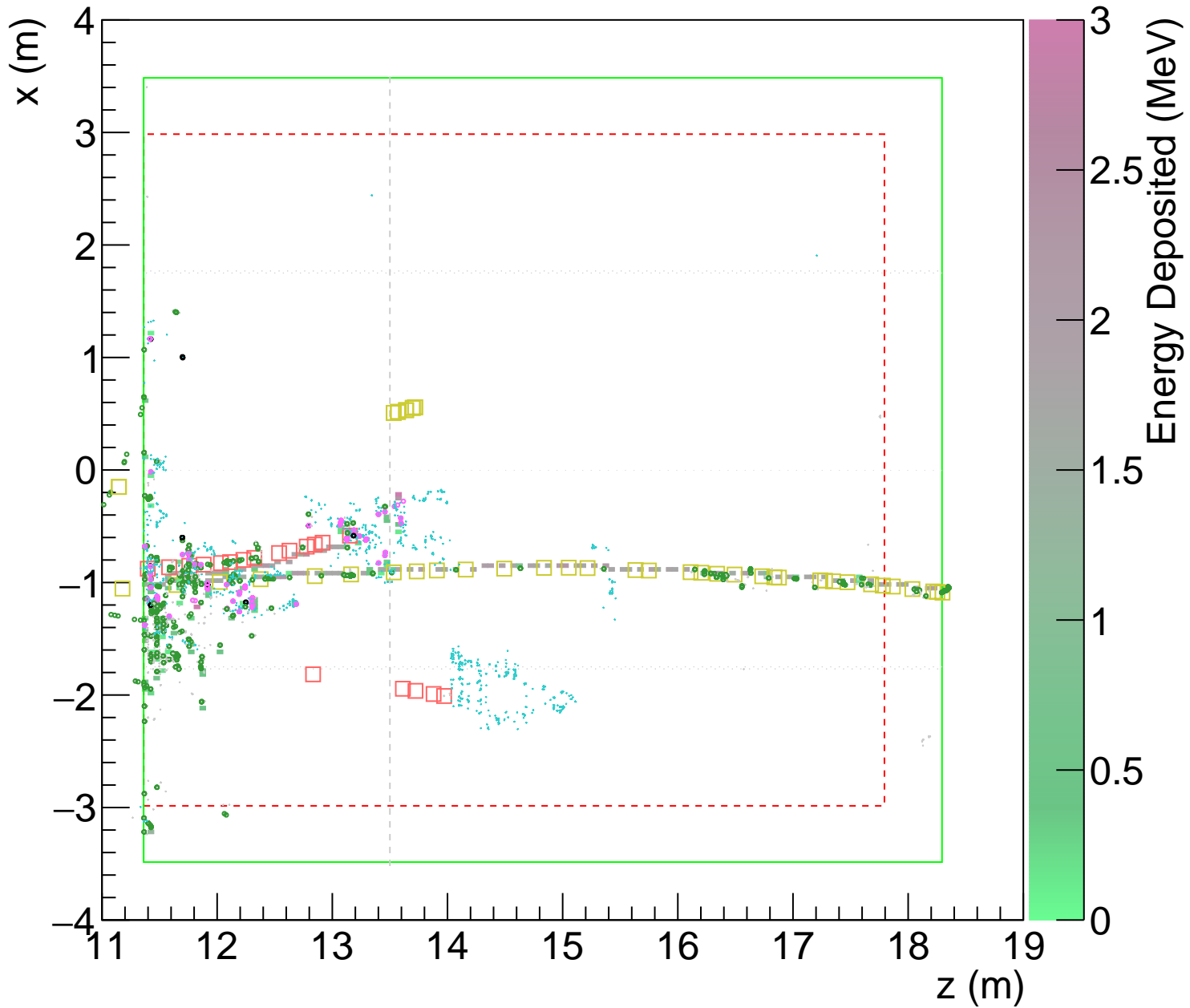
nLines: 4, nClusters: 7



Event 122, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.92$  GeV,  $E_{\mu}^{\text{true}}=6.02$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

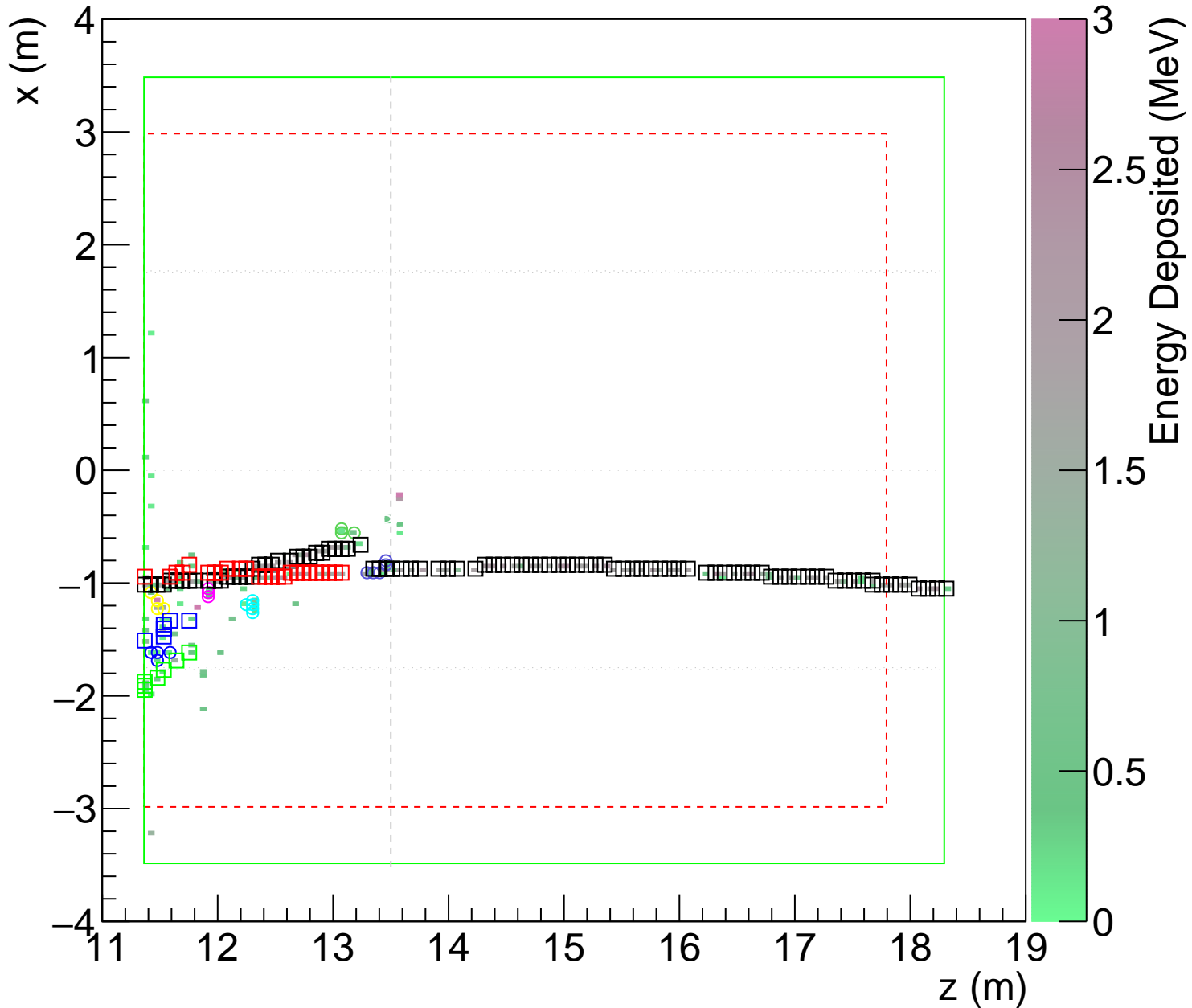


Event 122, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.92$  GeV,  $E_{\mu}^{\text{true}}=6.02$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



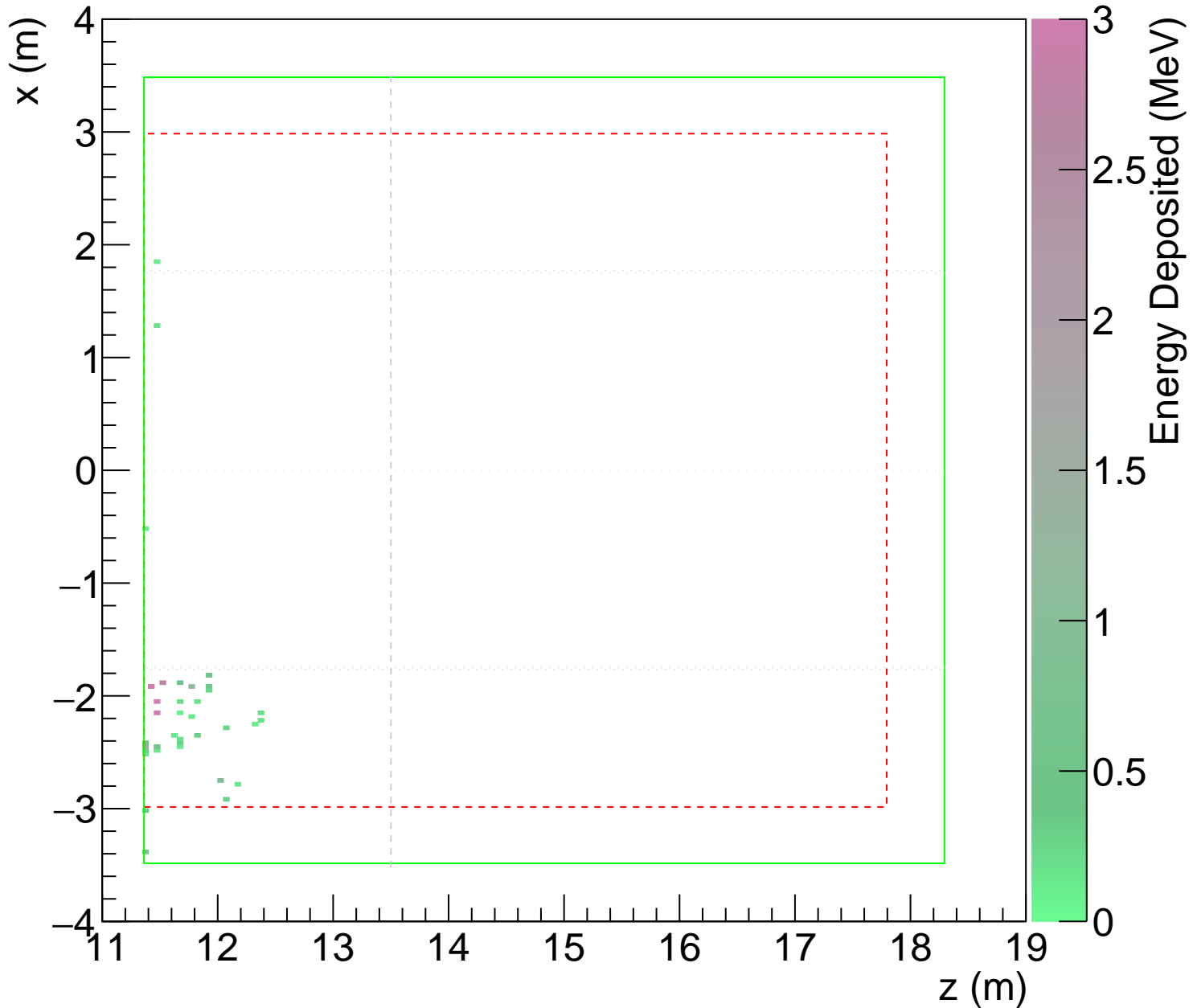
# Event 122 reconstructed

nLines: 4, nClusters: 7

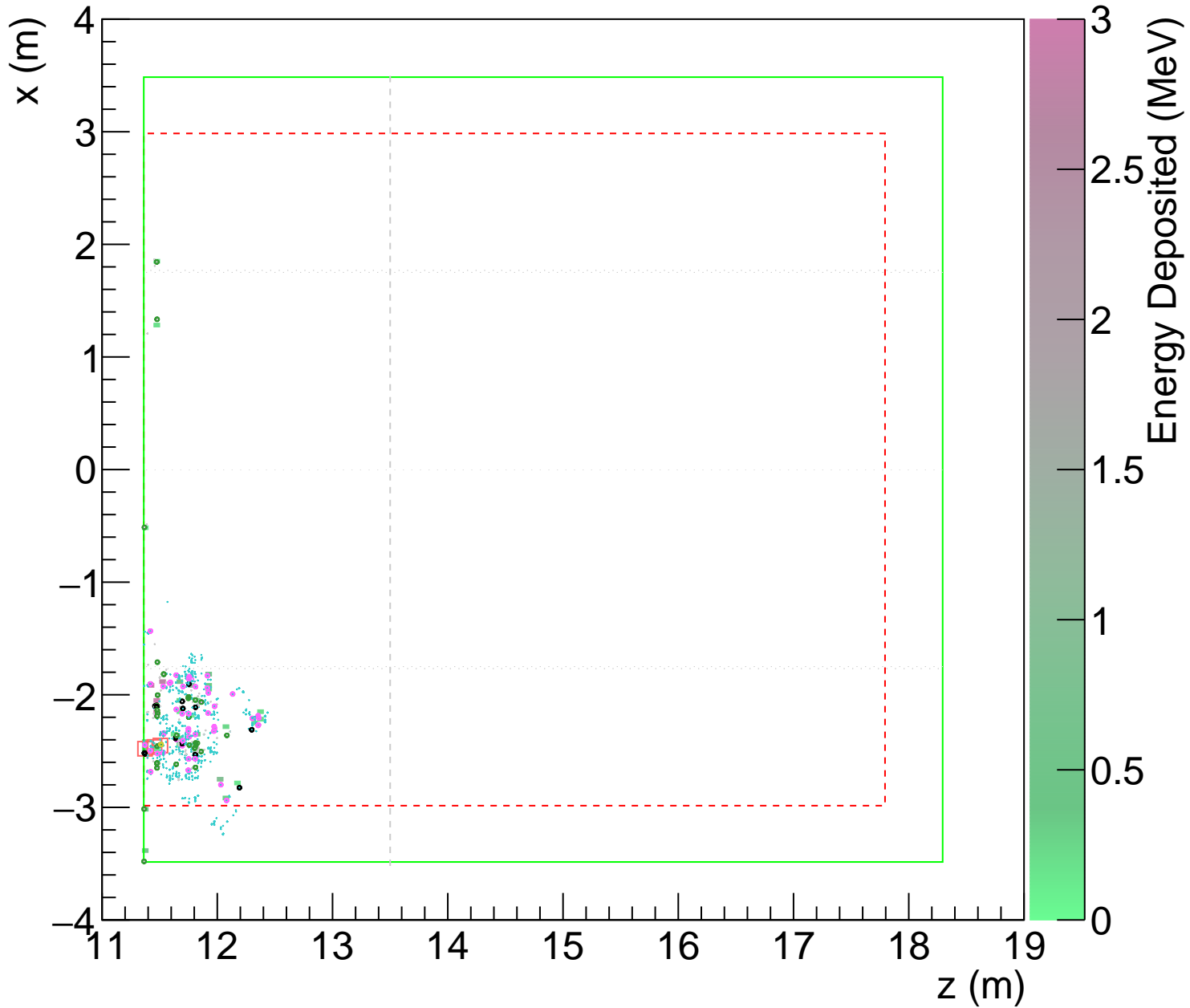




Event 123, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.28$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

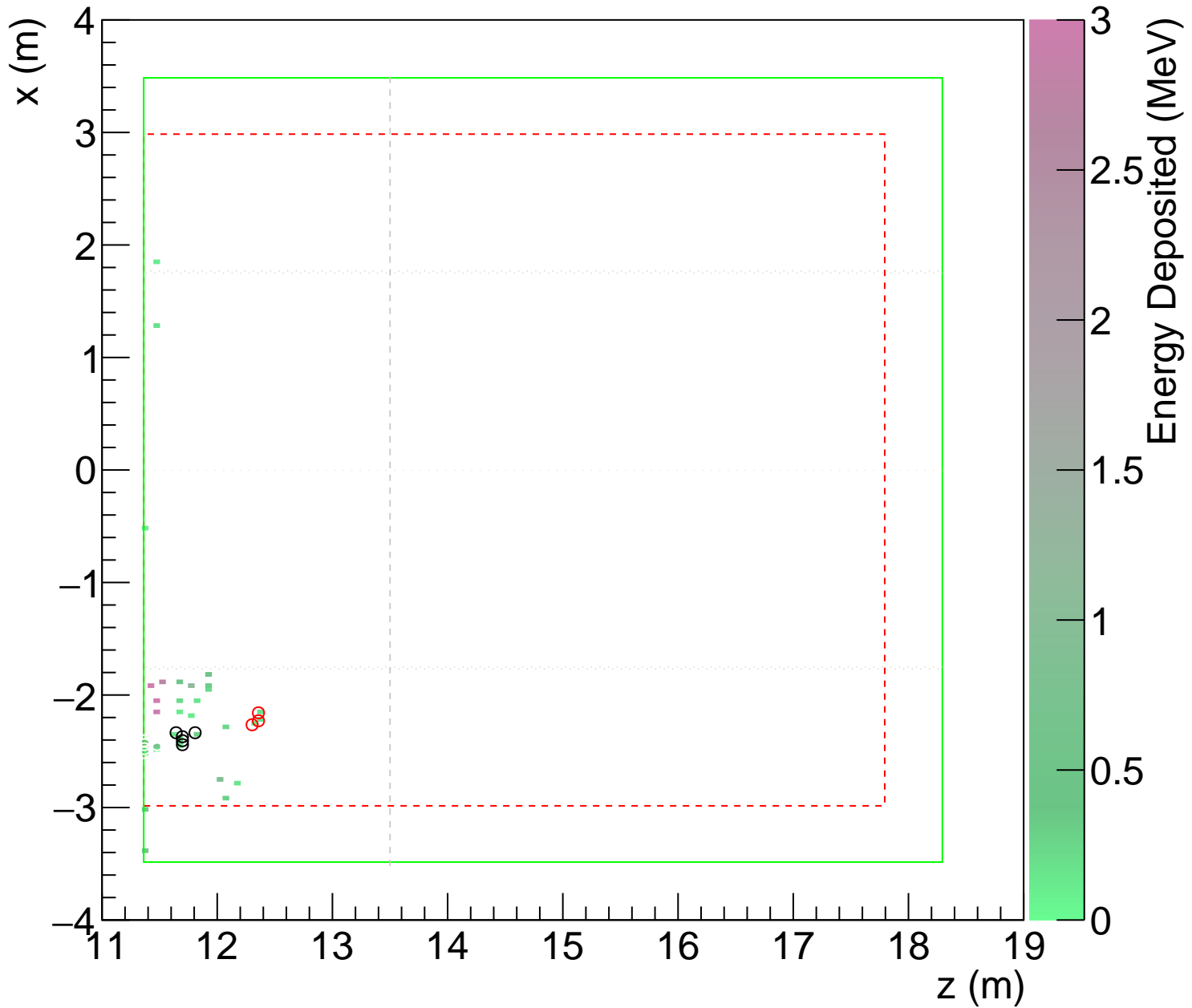


Event 123, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.28$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

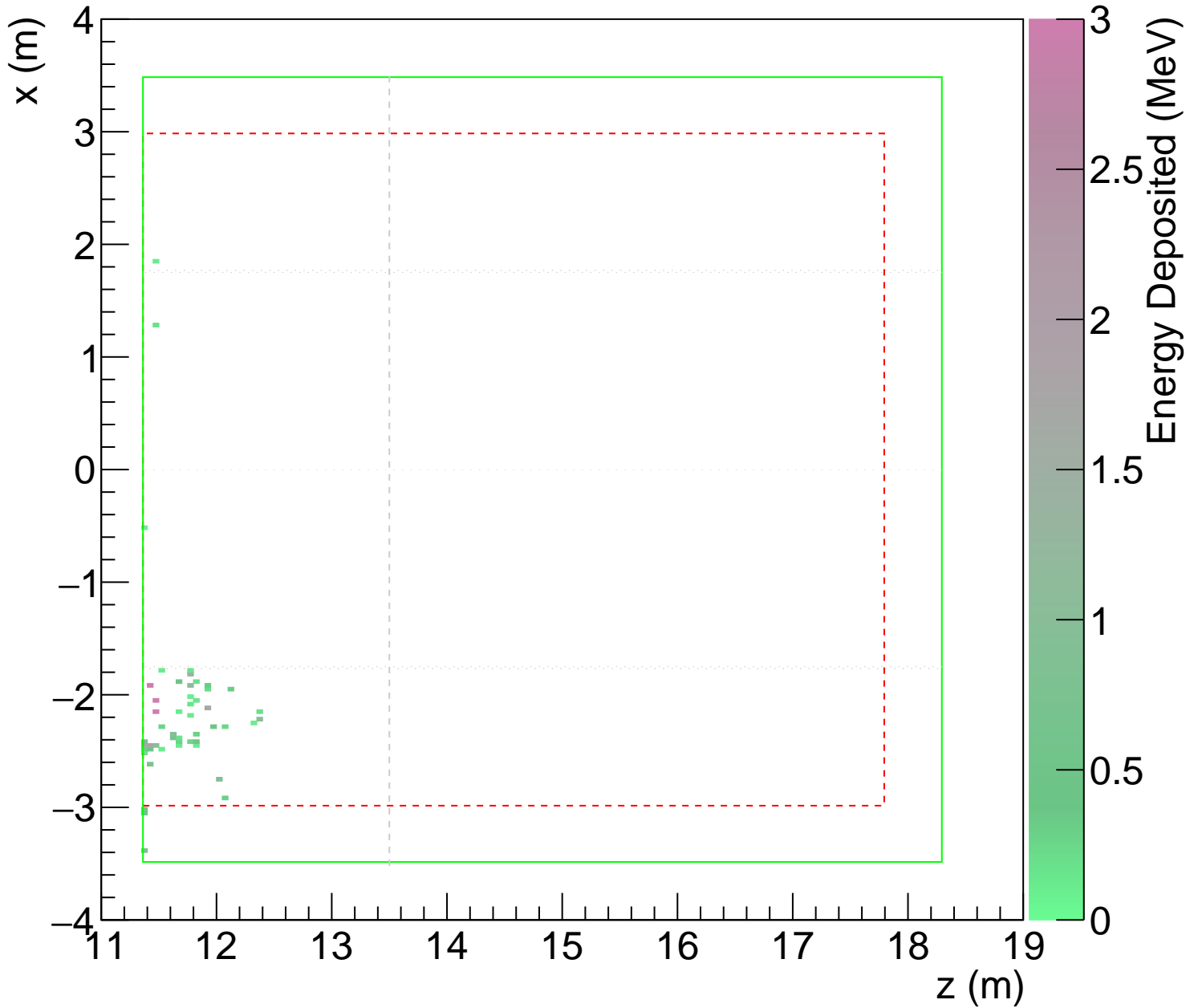


# Event 123 reconstructed

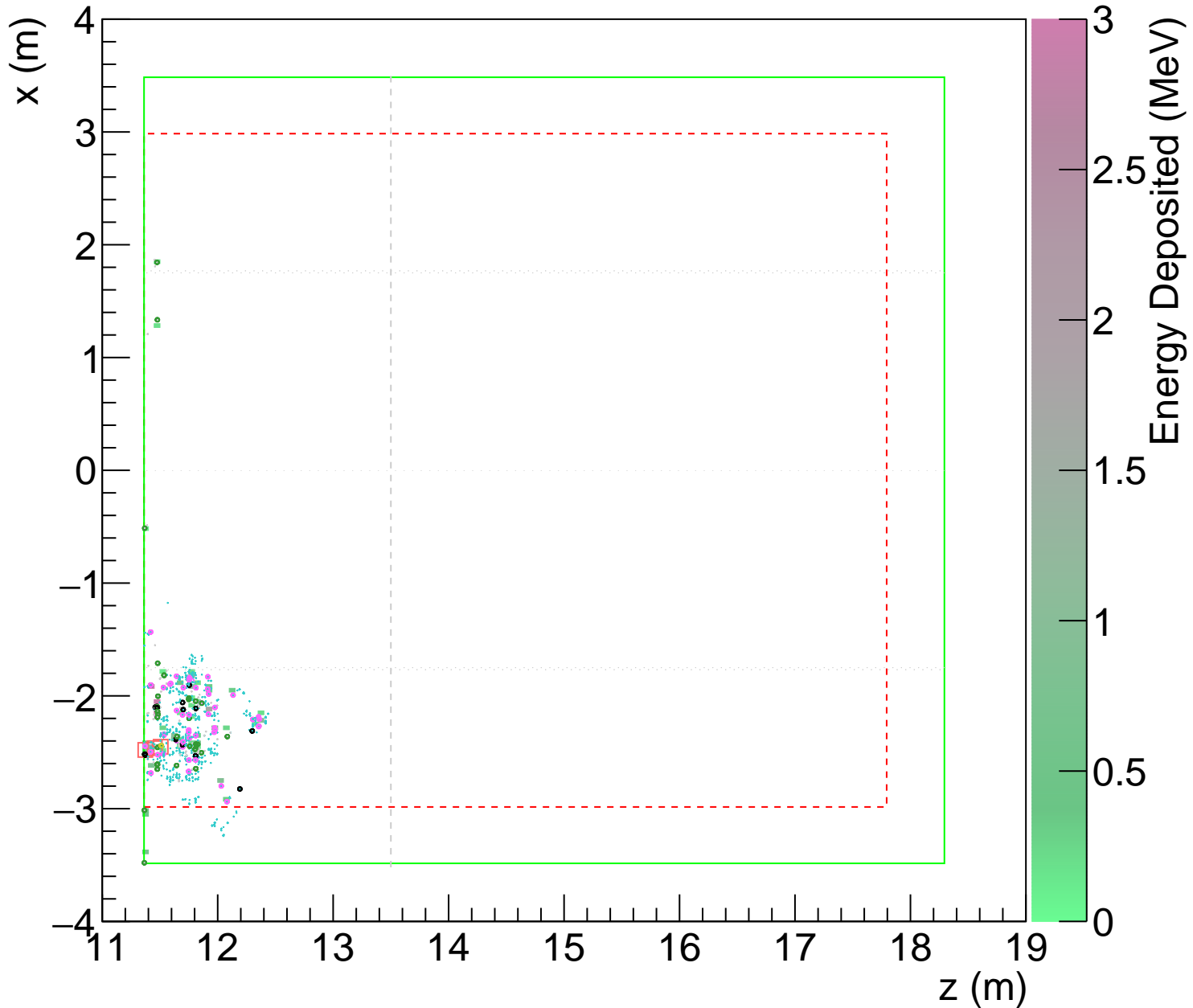
nLines: 0, nClusters: 3



Event 124, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.63$  GeV,  $E_{\mu}^{\text{true}}=0.22$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

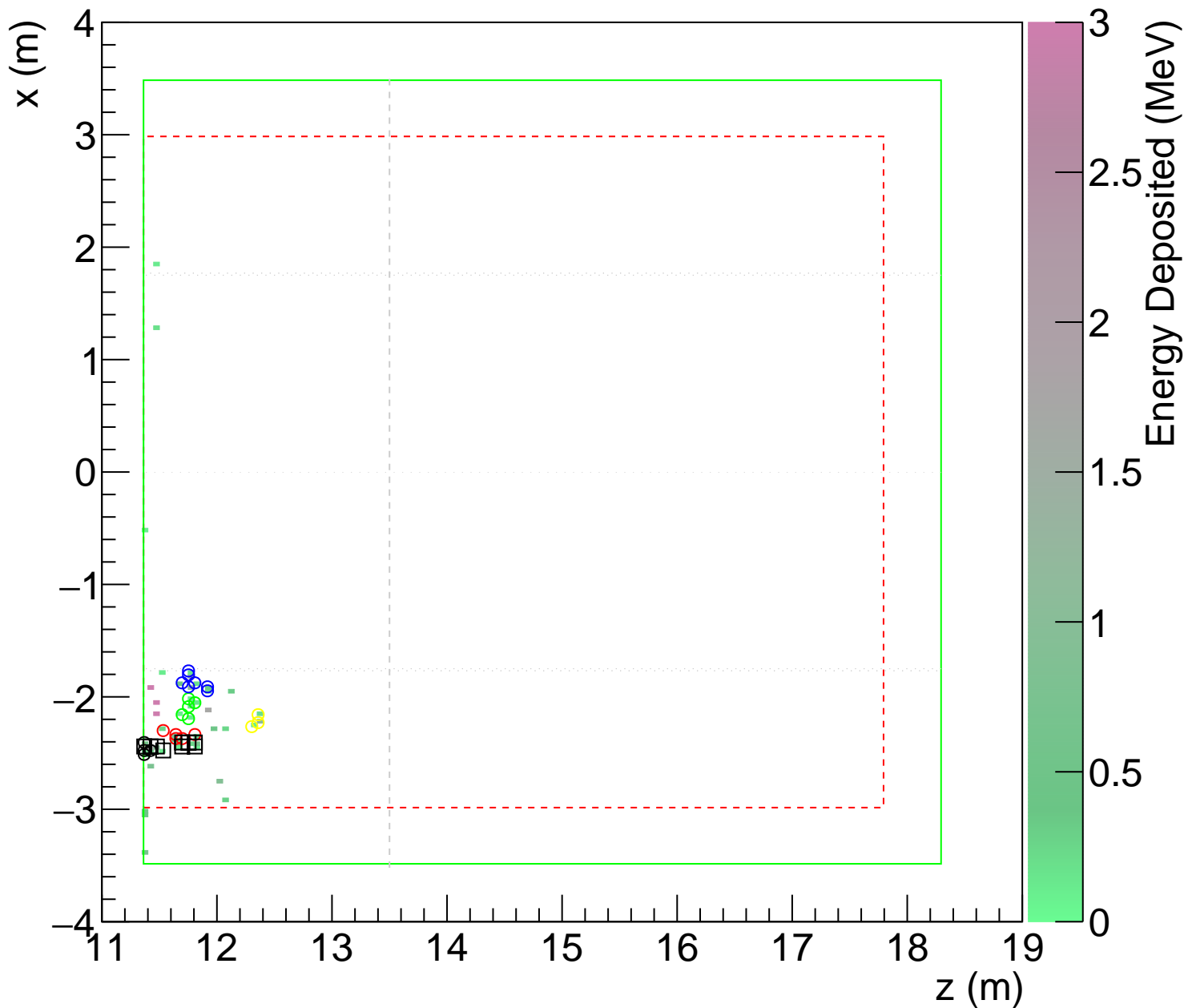


Event 124, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.63$  GeV,  $E_{\mu}^{\text{true}}=0.22$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

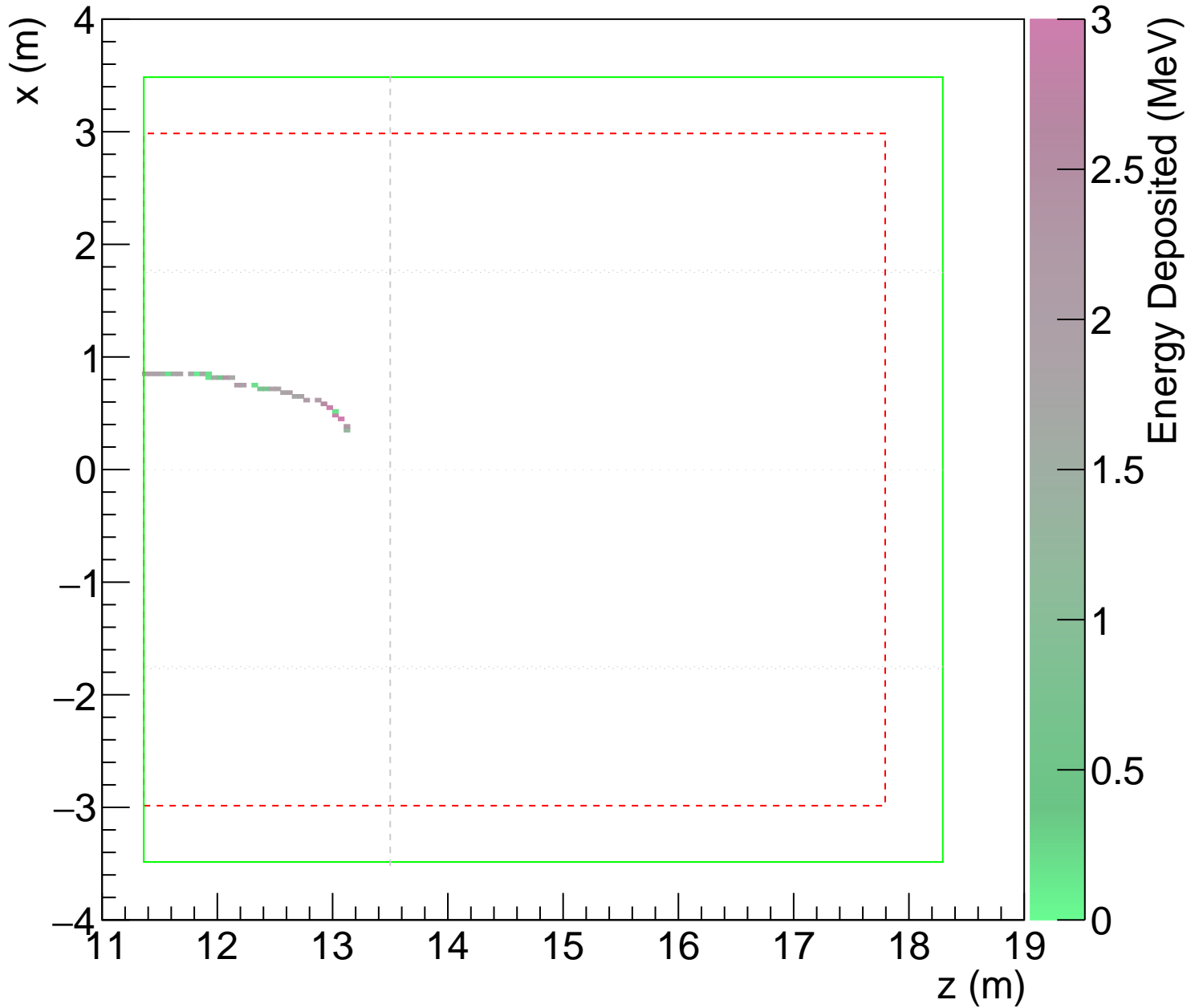


# Event 124 reconstructed

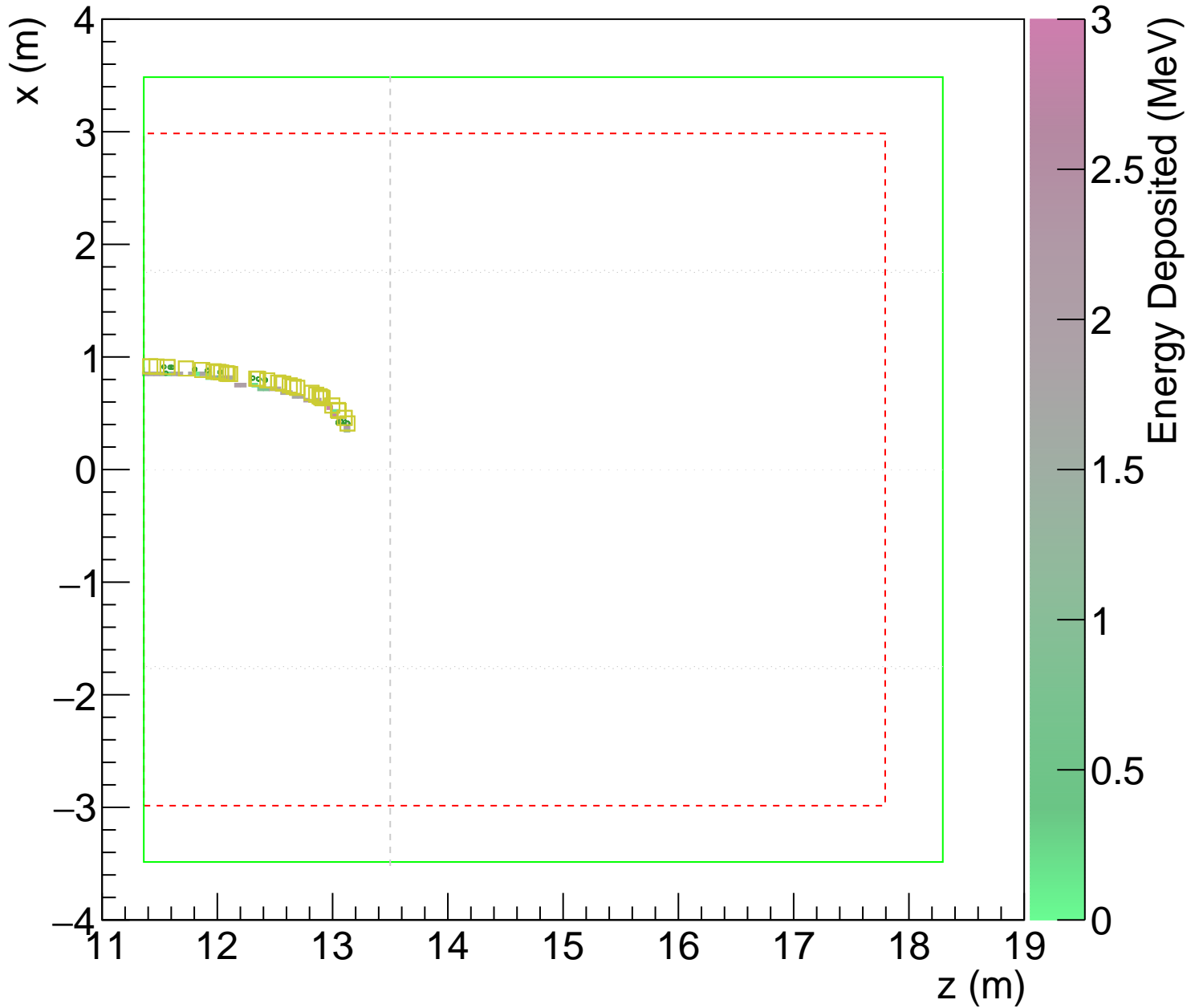
nLines: 1, nClusters: 5



Event 125, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.37$  GeV,  $E_{\mu}^{\text{true}}=2.23$  GeV  
nu:14,tgt:1000240520,N:2112,proc:Weak[CC],QES,



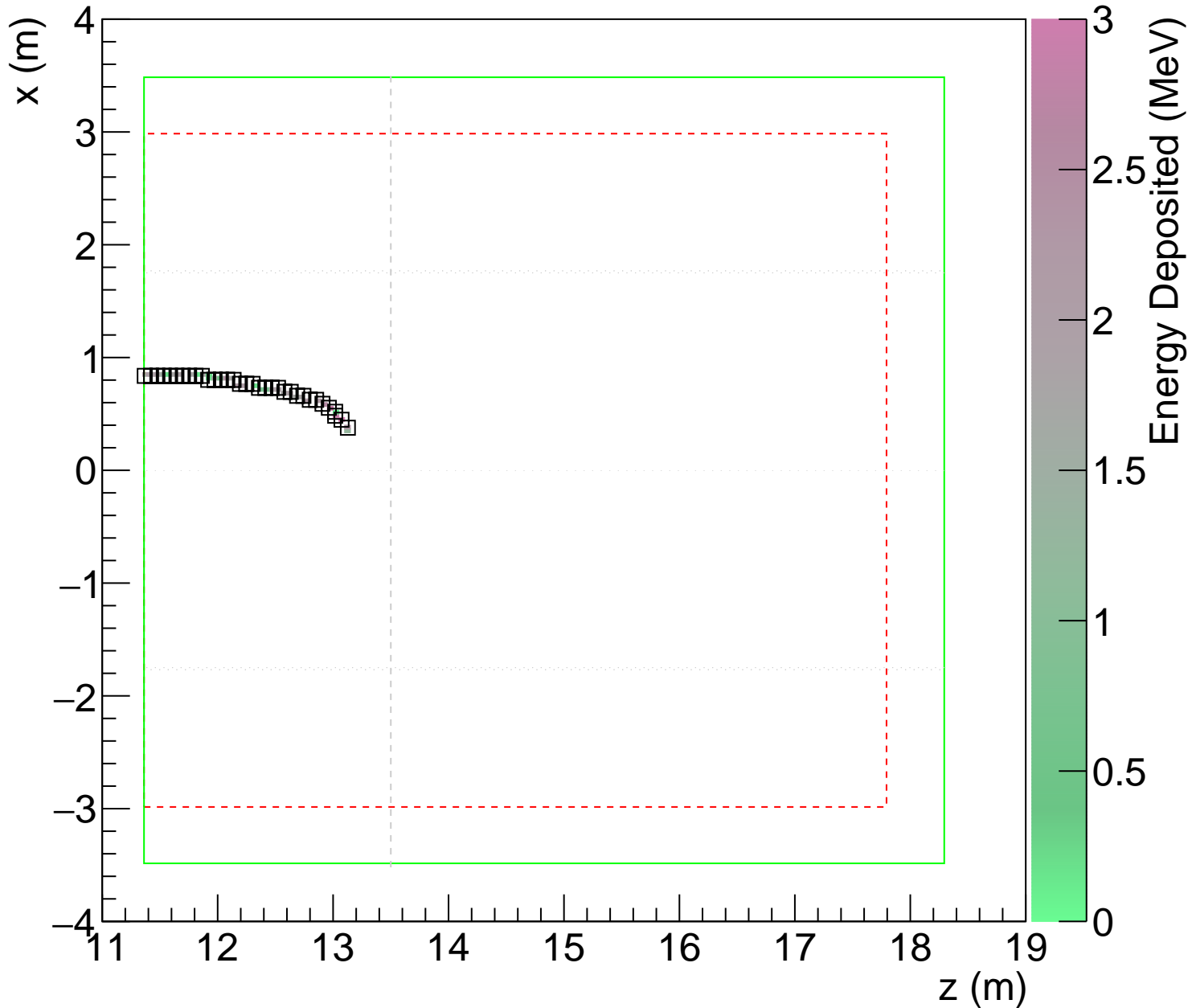
Event 125, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.37$  GeV,  $E_{\mu}^{\text{true}}=2.23$  GeV  
nu:14,tgt:1000240520,N:2112,proc:Weak[CC],QES,



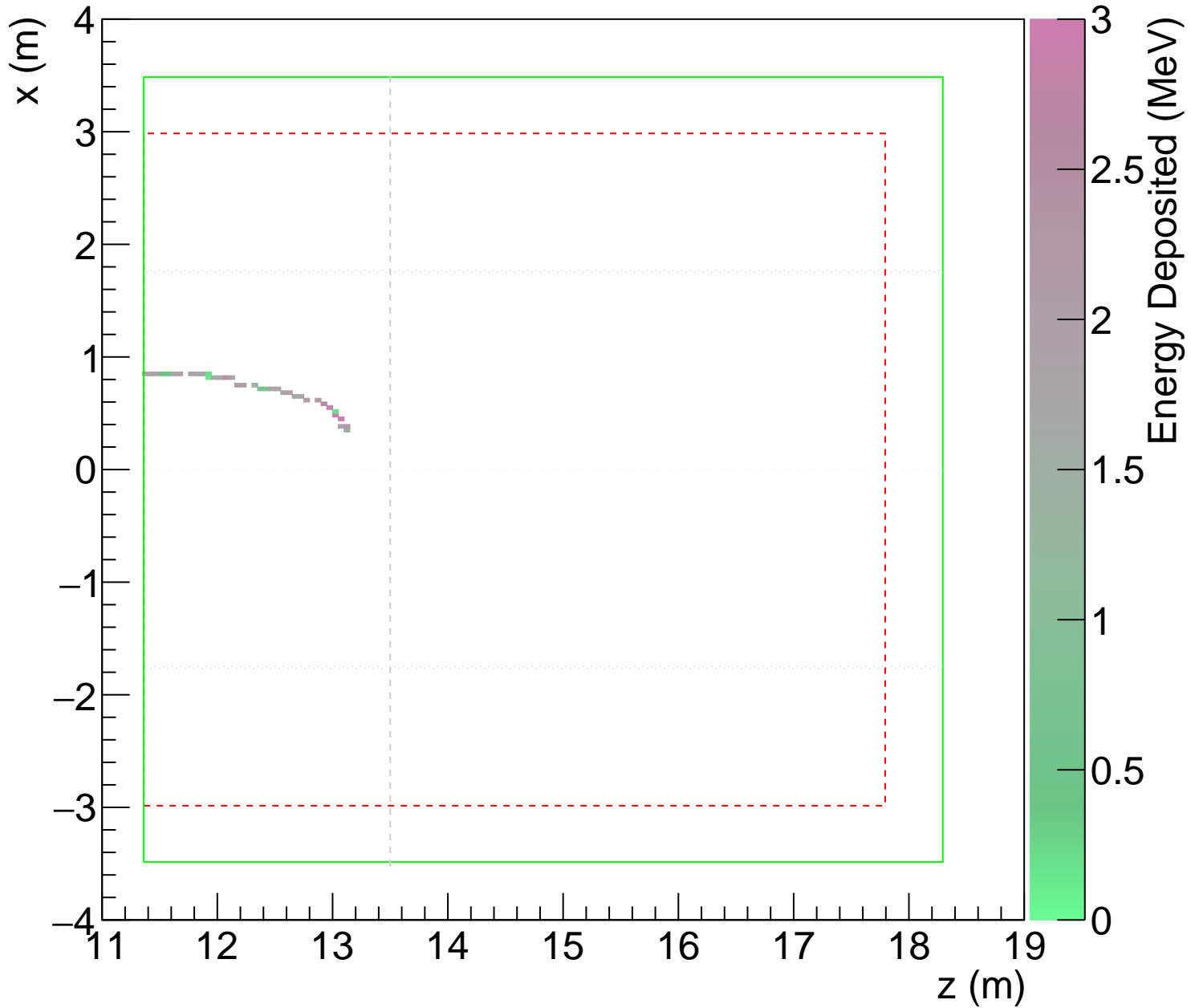


# Event 125 reconstructed

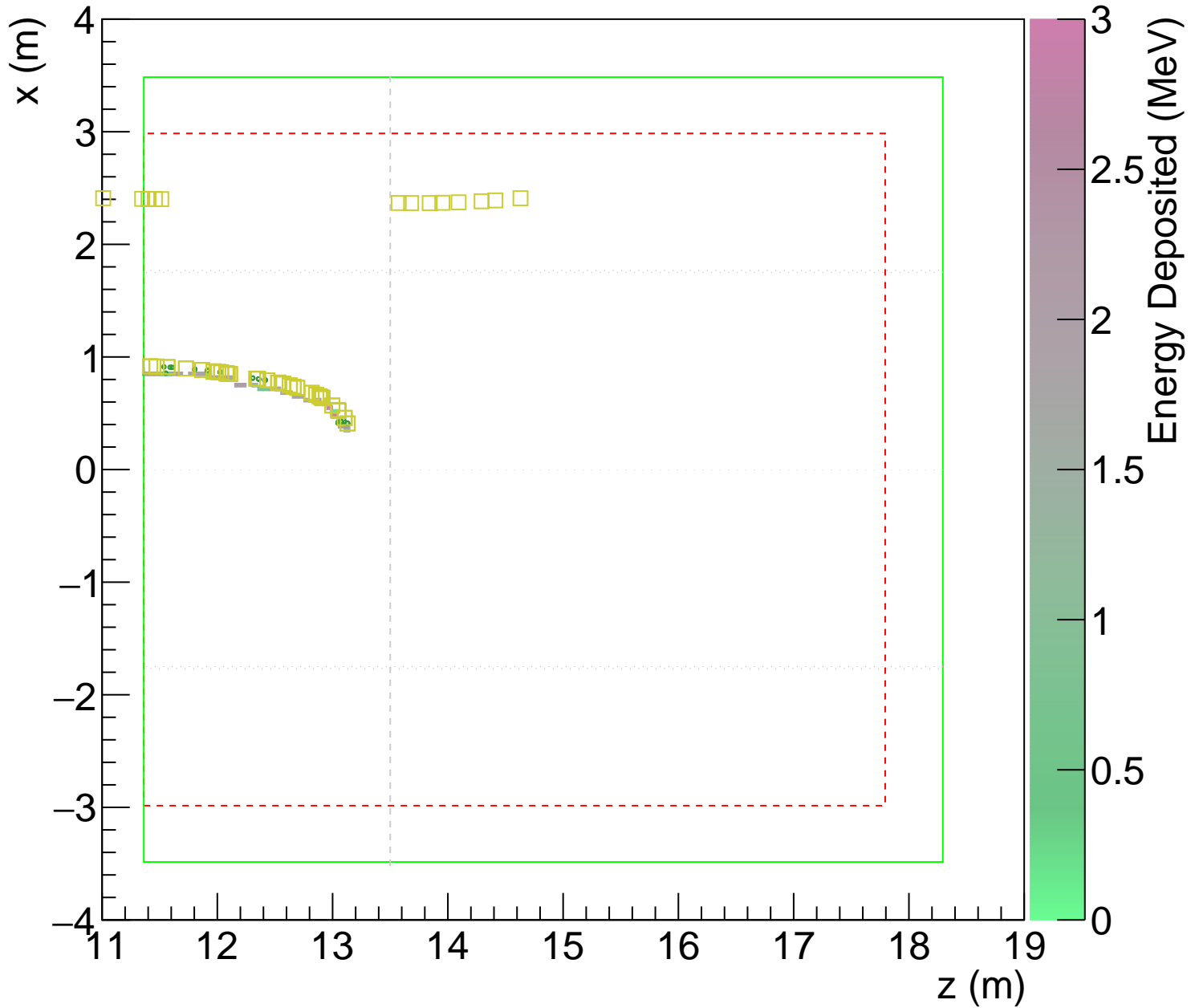
nLines: 1, nClusters: 0



Event 126, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.13$  GeV,  $E_{\mu}^{\text{true}}=4.45$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

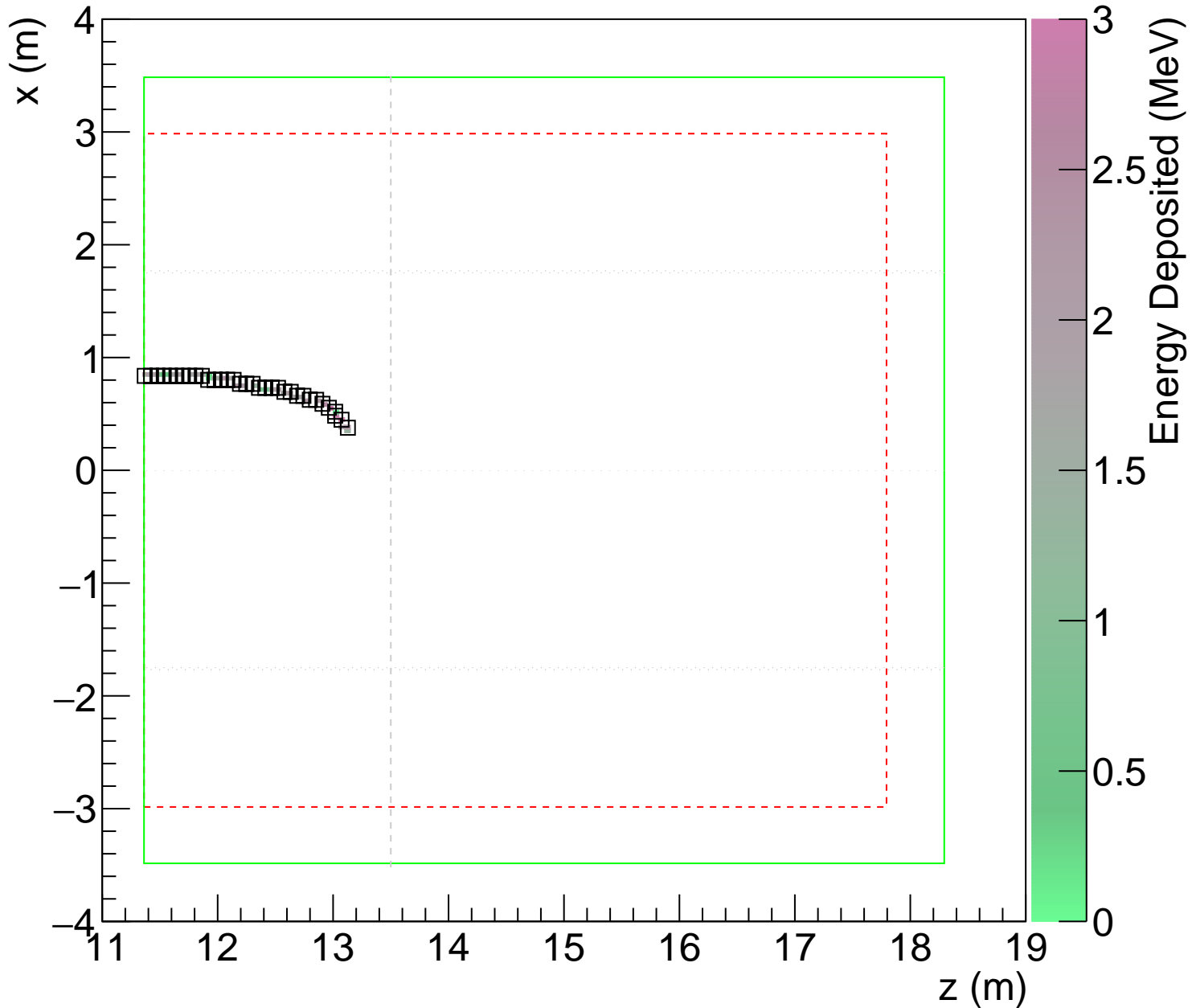


Event 126, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.13$  GeV,  $E_{\mu}^{\text{true}}=4.45$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

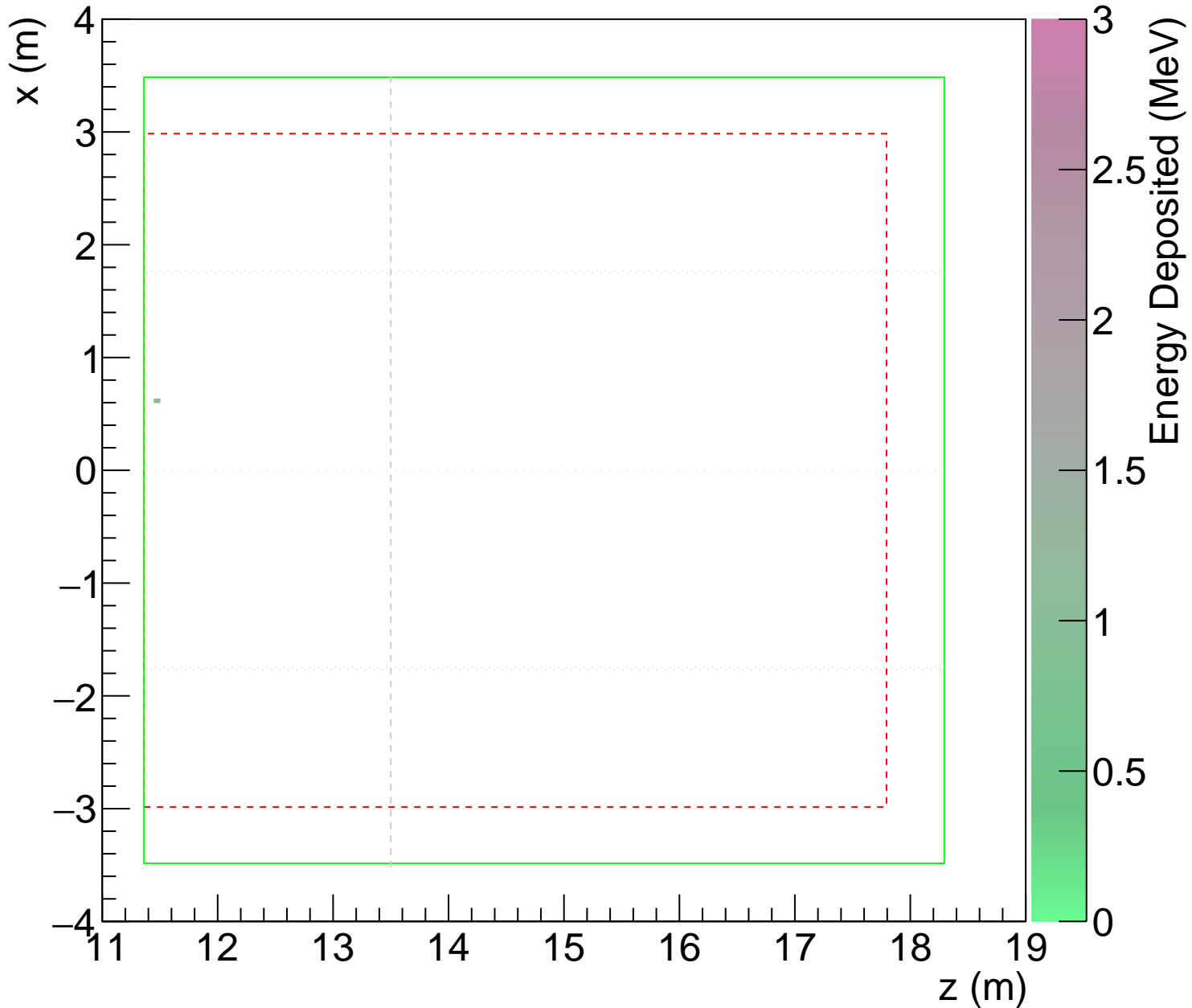


# Event 126 reconstructed

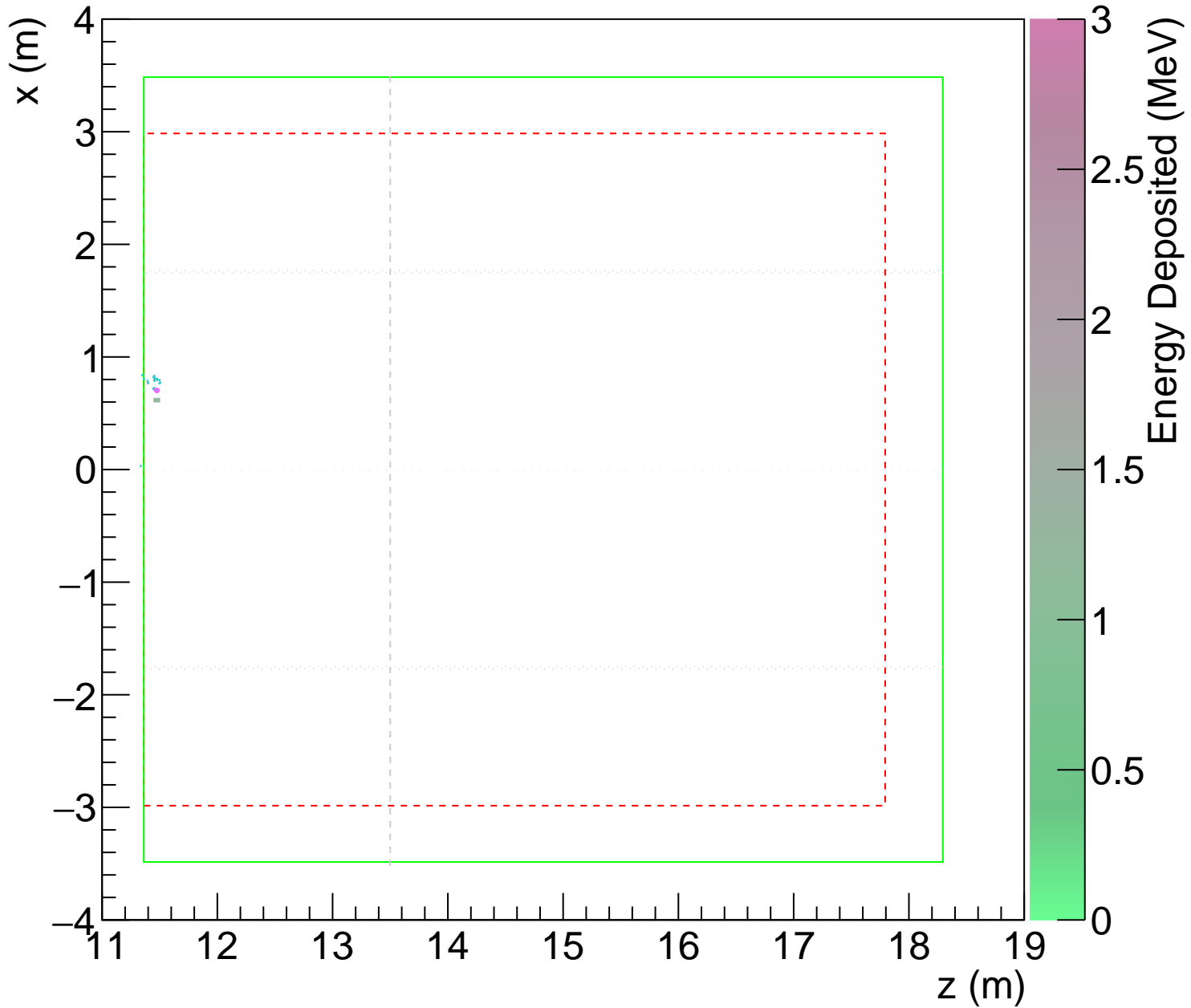
nLines: 1, nClusters: 0



Event 128, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.96$  GeV,  $E_{\mu}^{\text{true}}=1.43$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

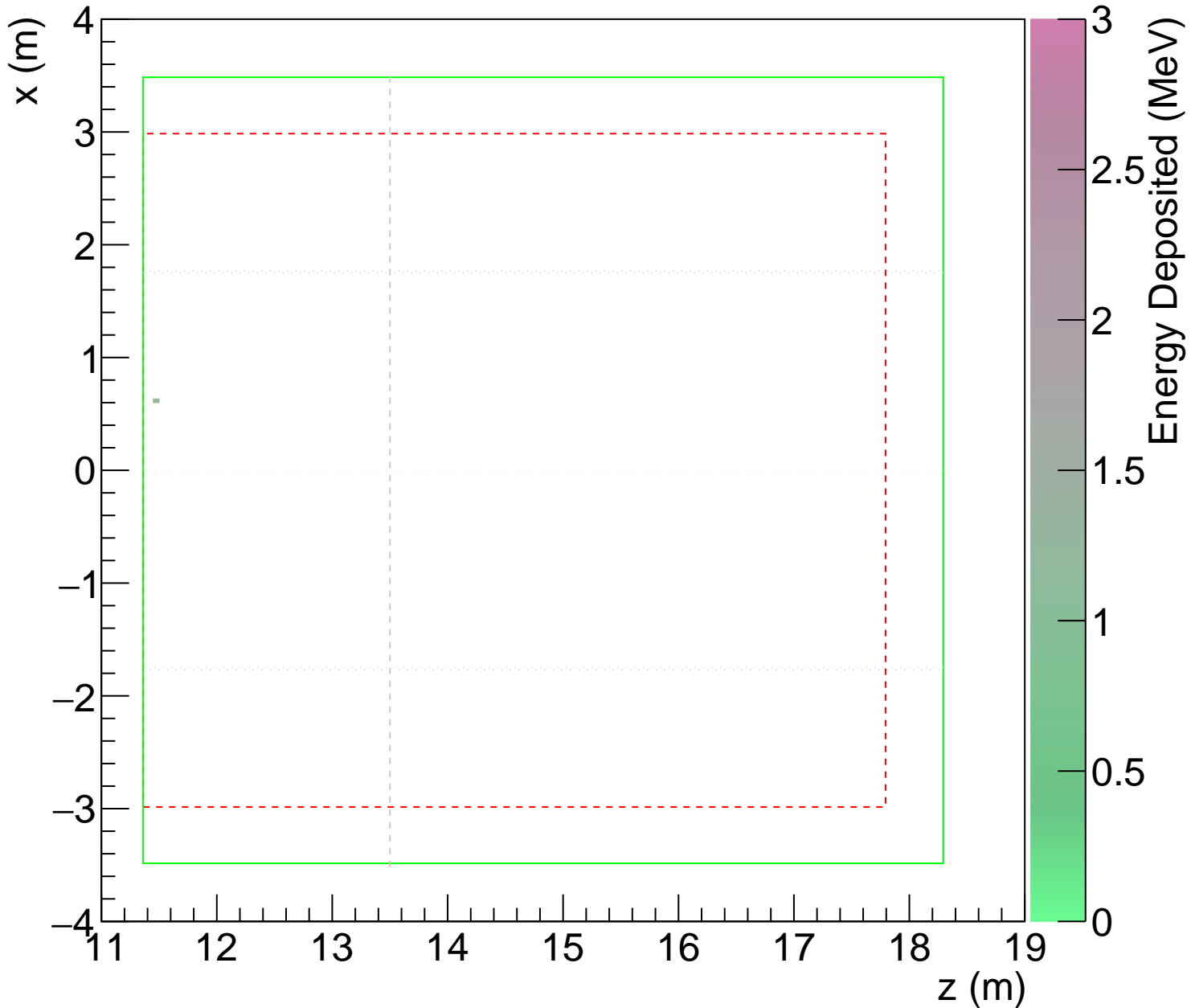


Event 128, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.96$  GeV,  $E_{\mu}^{\text{true}}=1.43$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

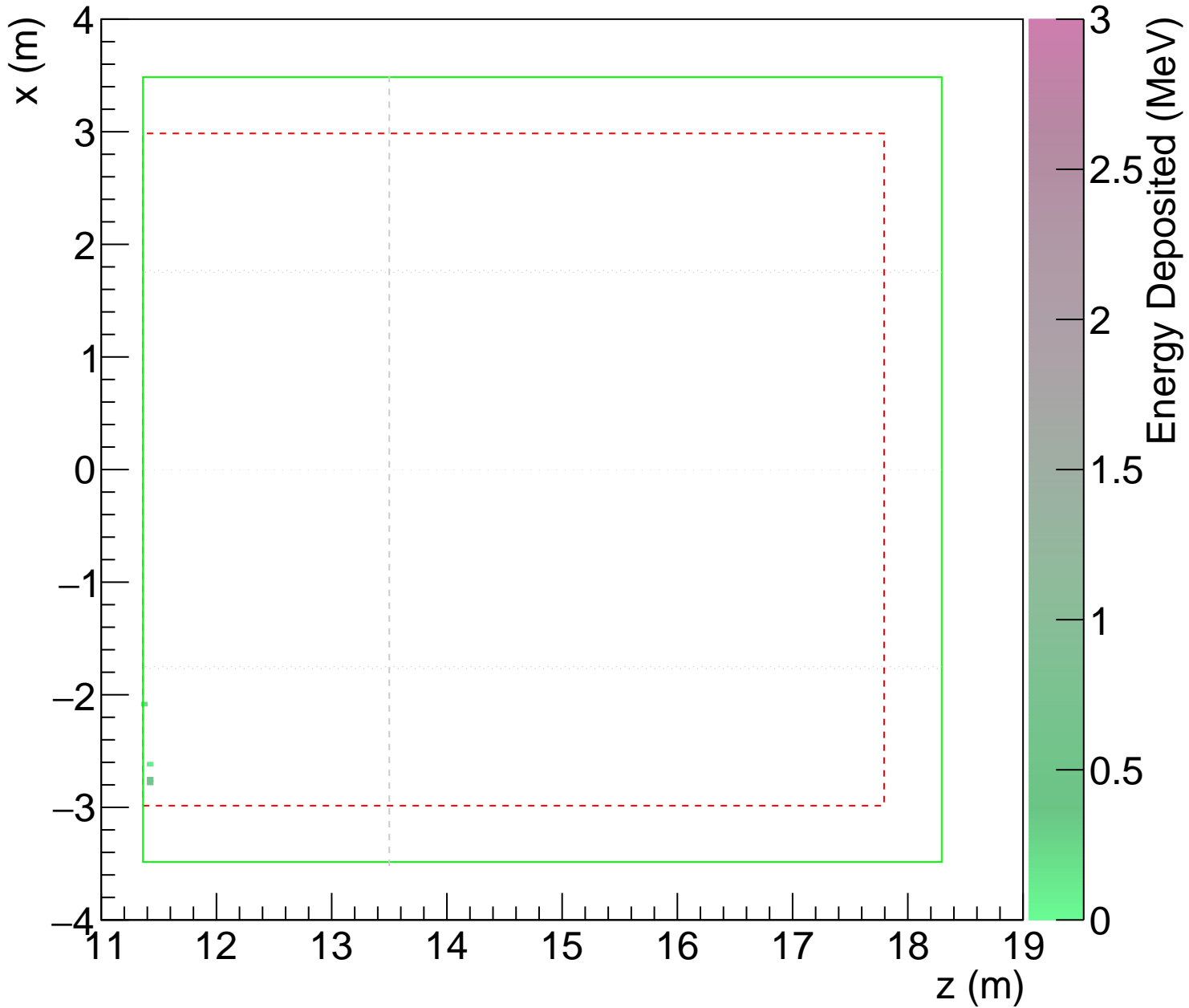


# Event 128 reconstructed

nLines: 0, nClusters: 0

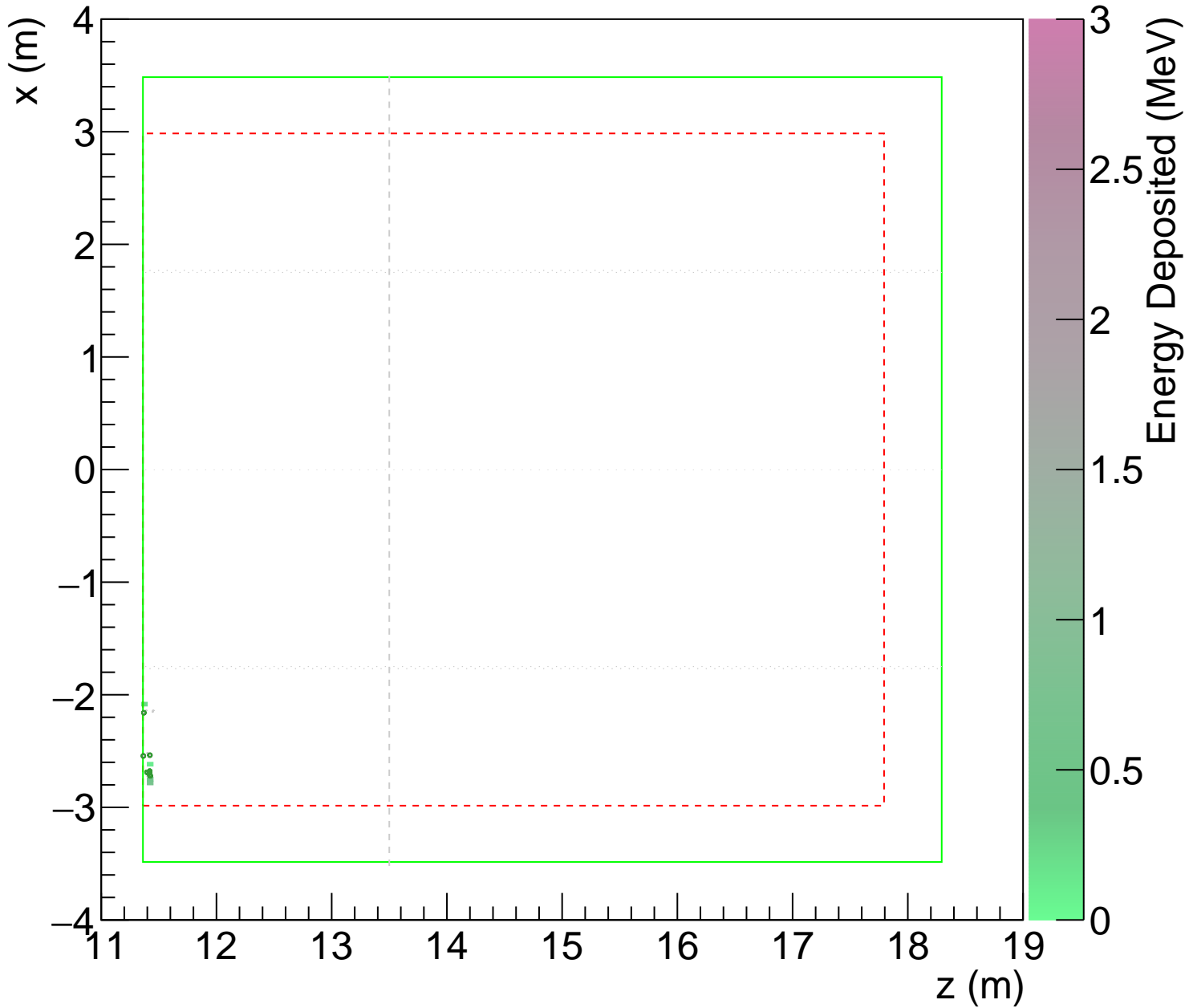


Event 130, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.78$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000260560,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,



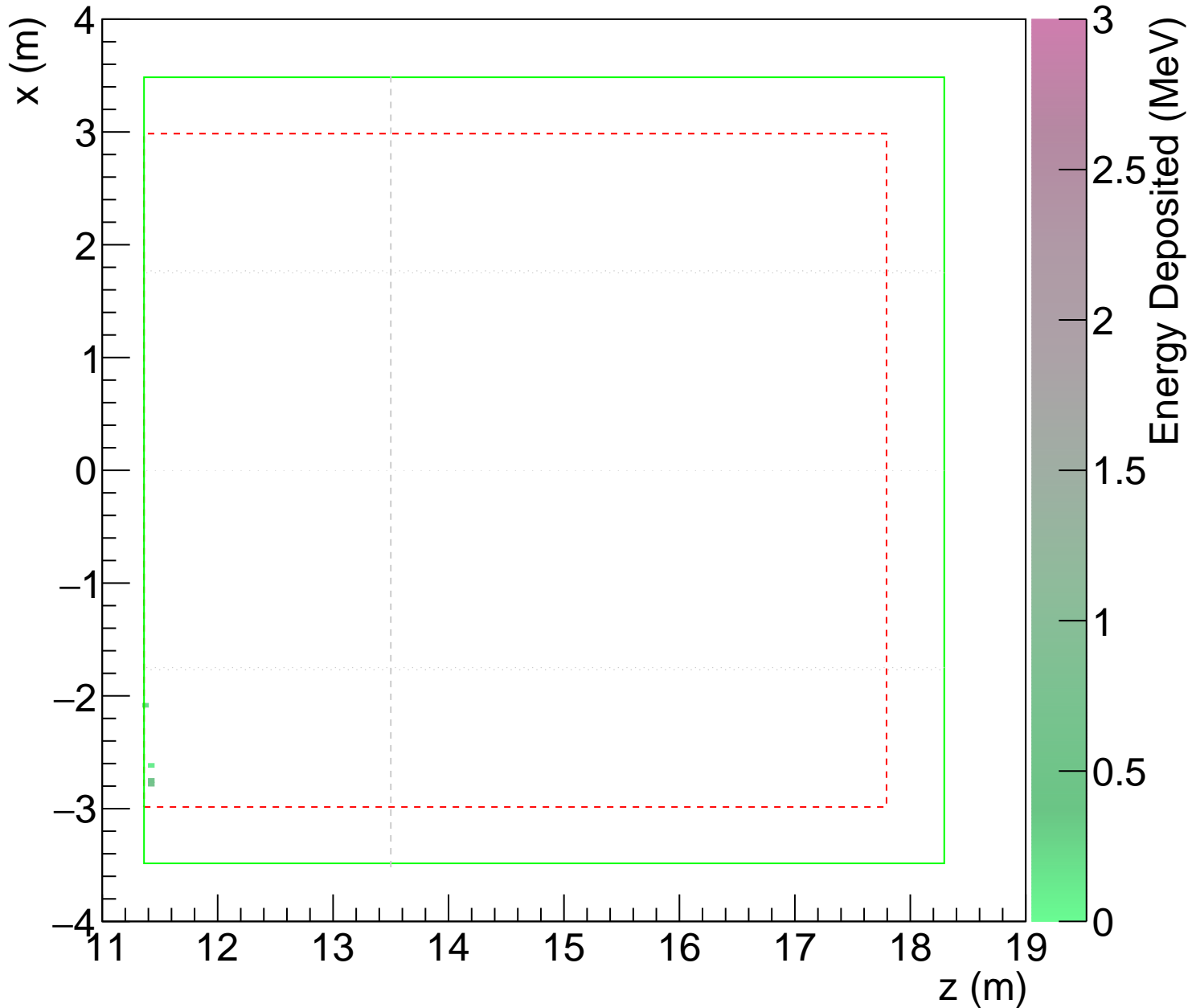


Event 130, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.78$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000260560,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

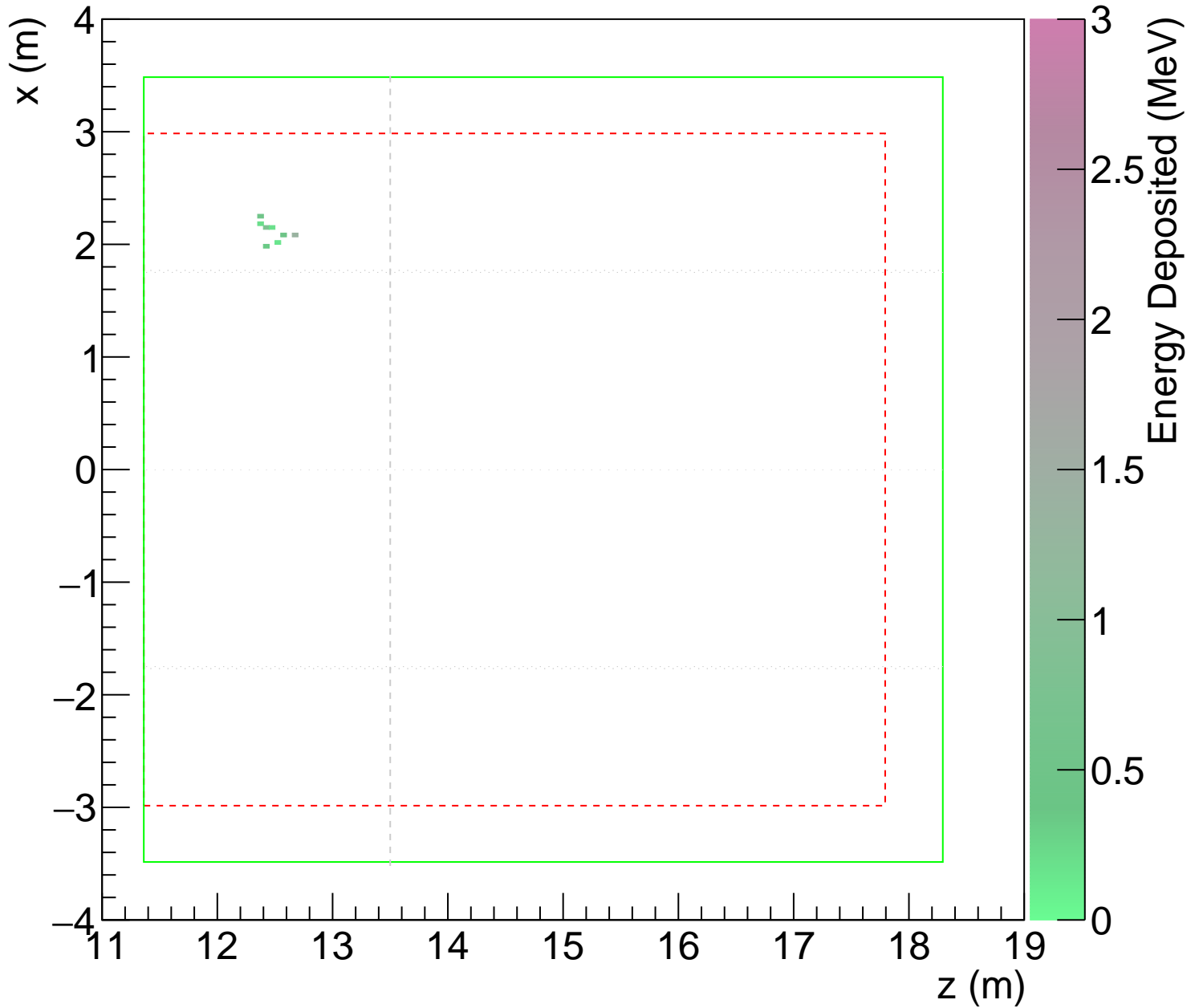


# Event 130 reconstructed

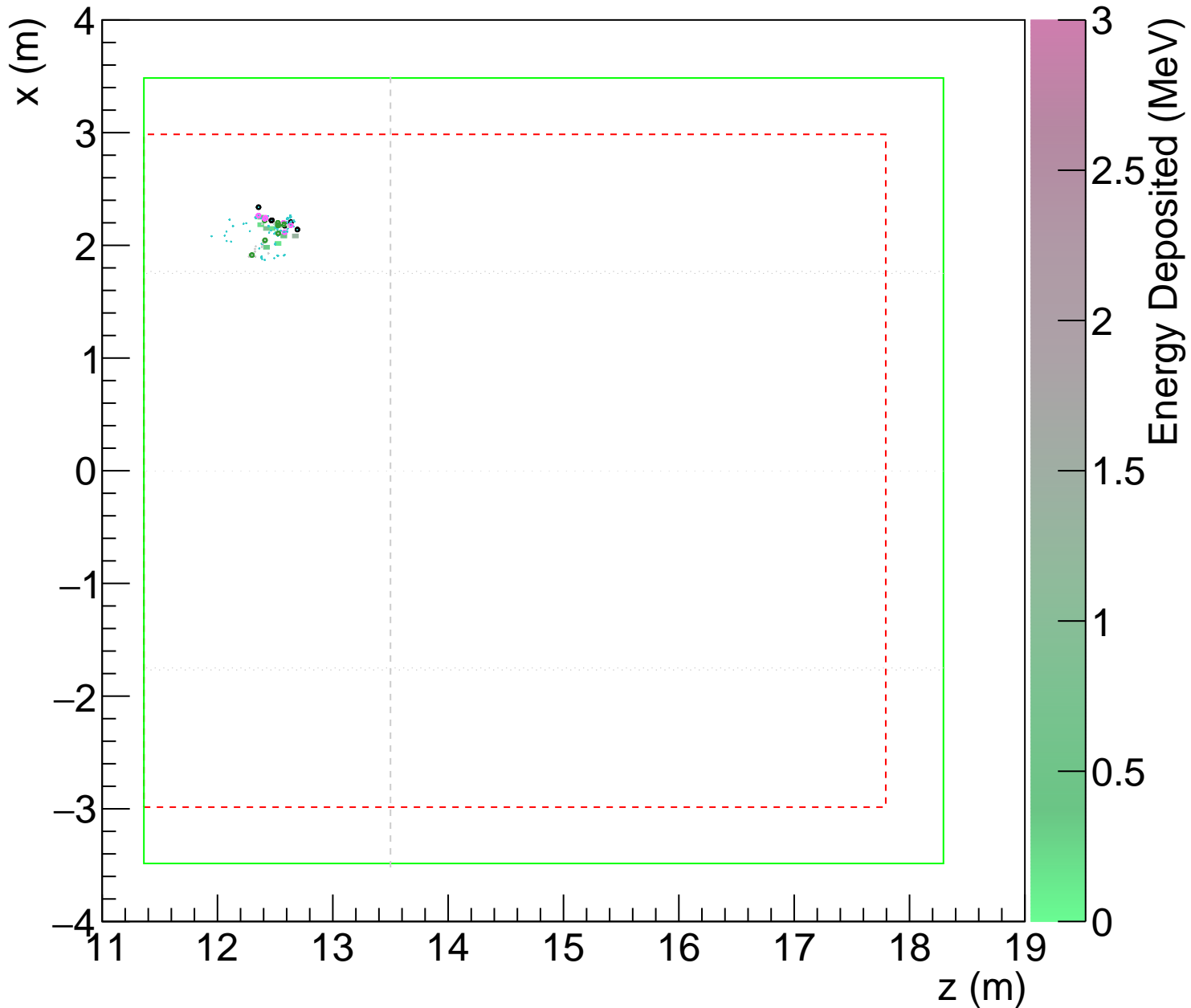
nLines: 0, nClusters: 0



Event 131, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.54$  GeV,  $E_{\mu}^{\text{true}}=0.23$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

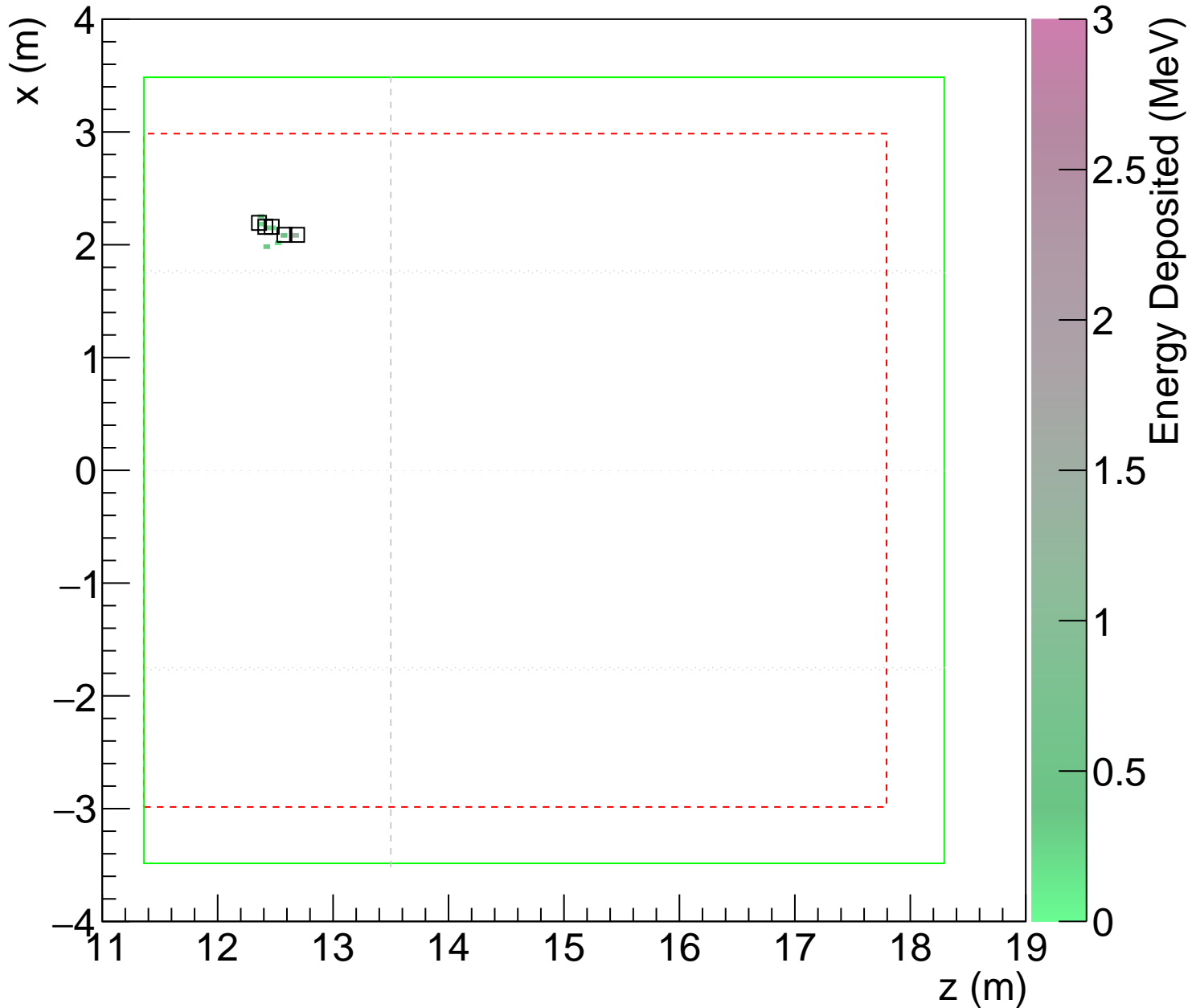


Event 131, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.54$  GeV,  $E_{\mu}^{\text{true}}=0.23$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

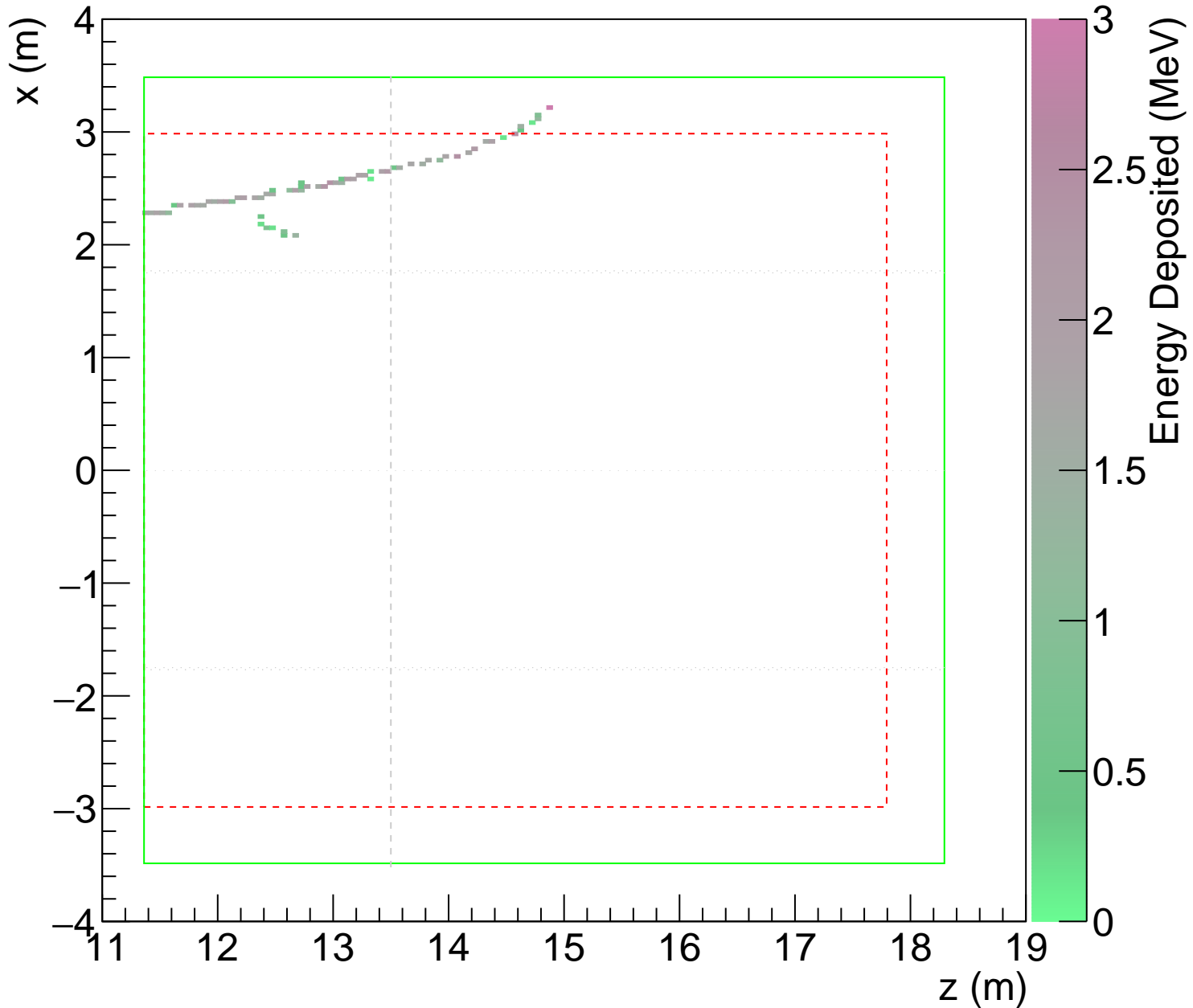


# Event 131 reconstructed

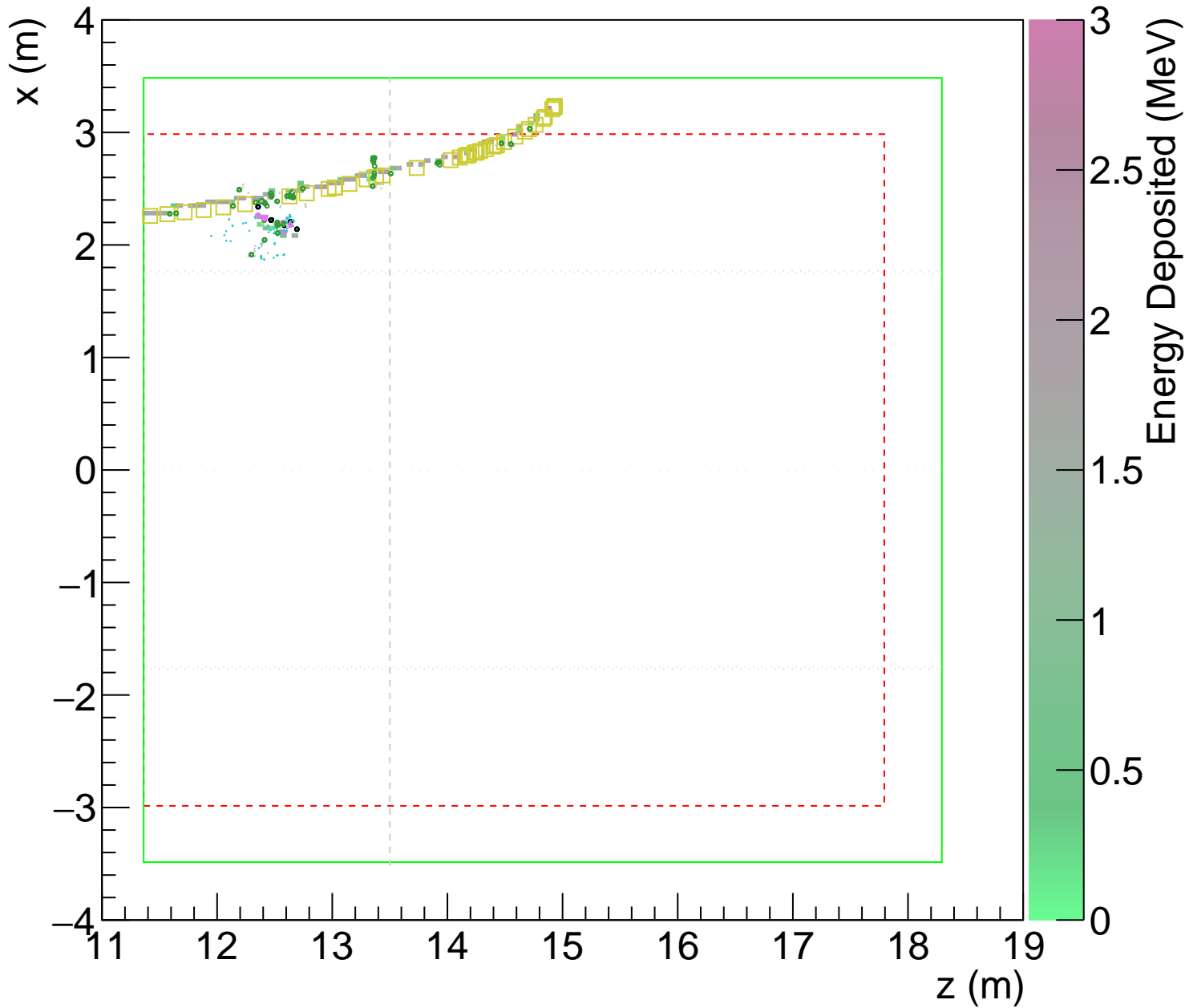
nLines: 1, nClusters: 0



Event 132, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.34$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:2,

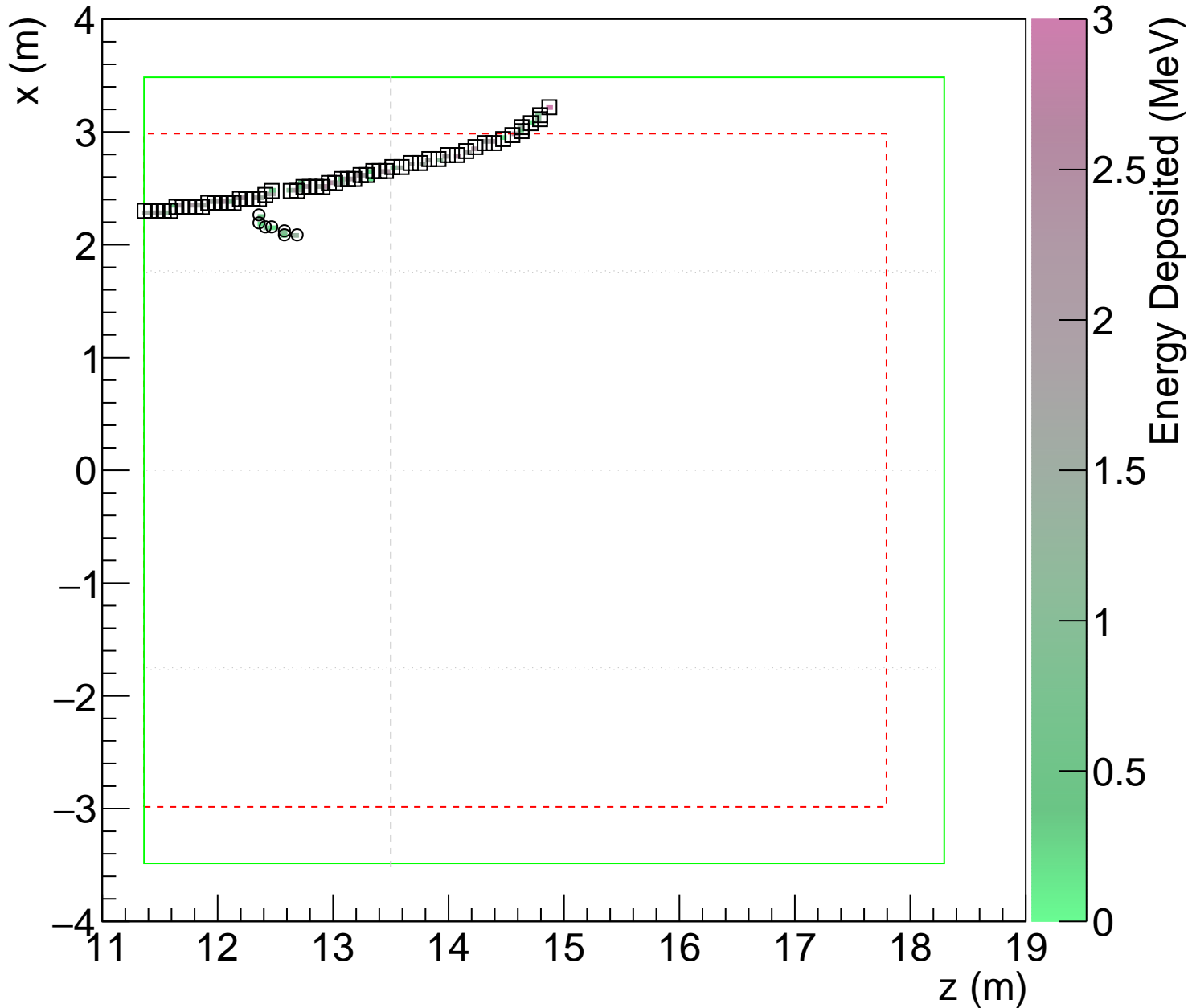


Event 132, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.34$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:2,



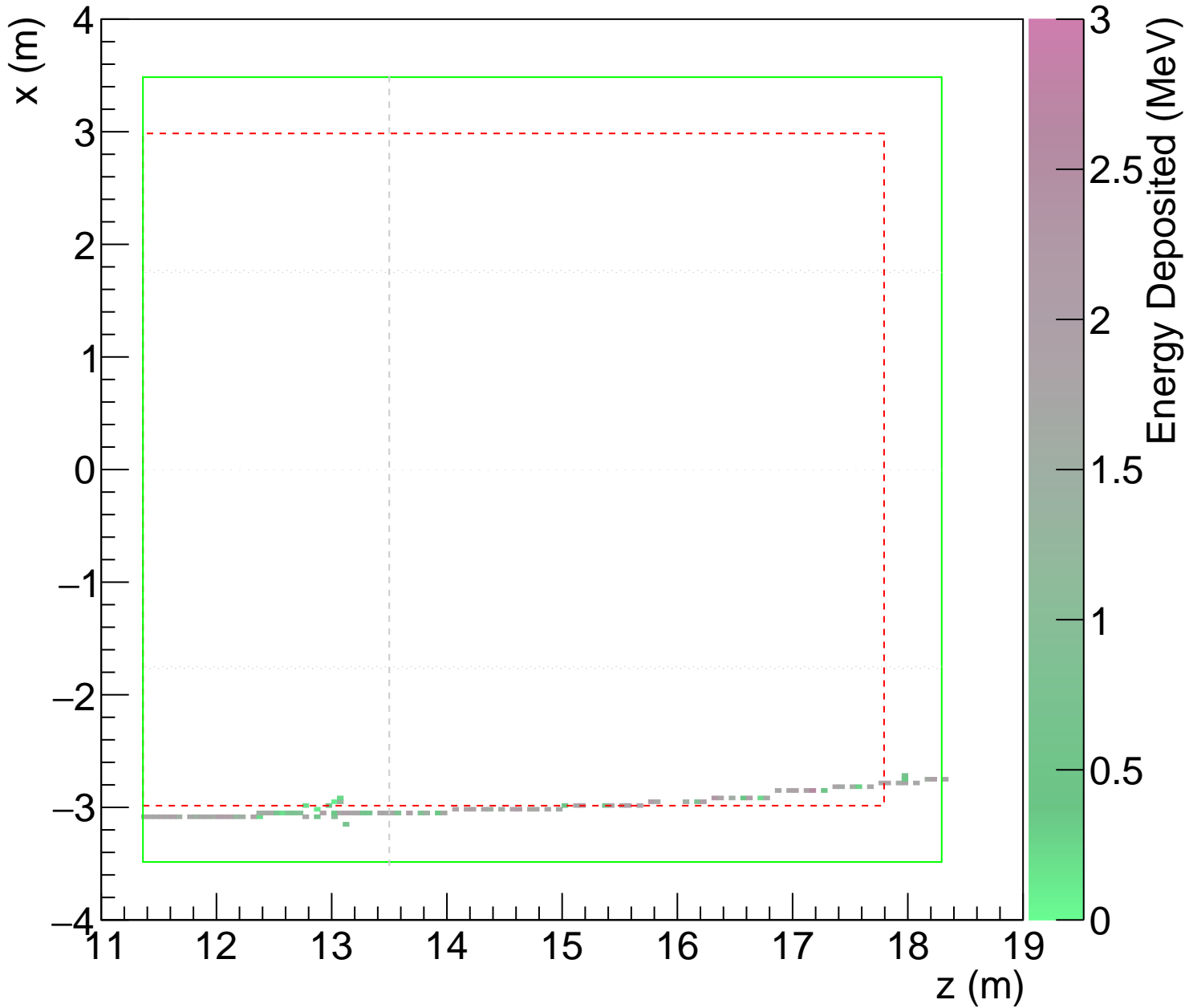
# Event 132 reconstructed

nLines: 1, nClusters: 1

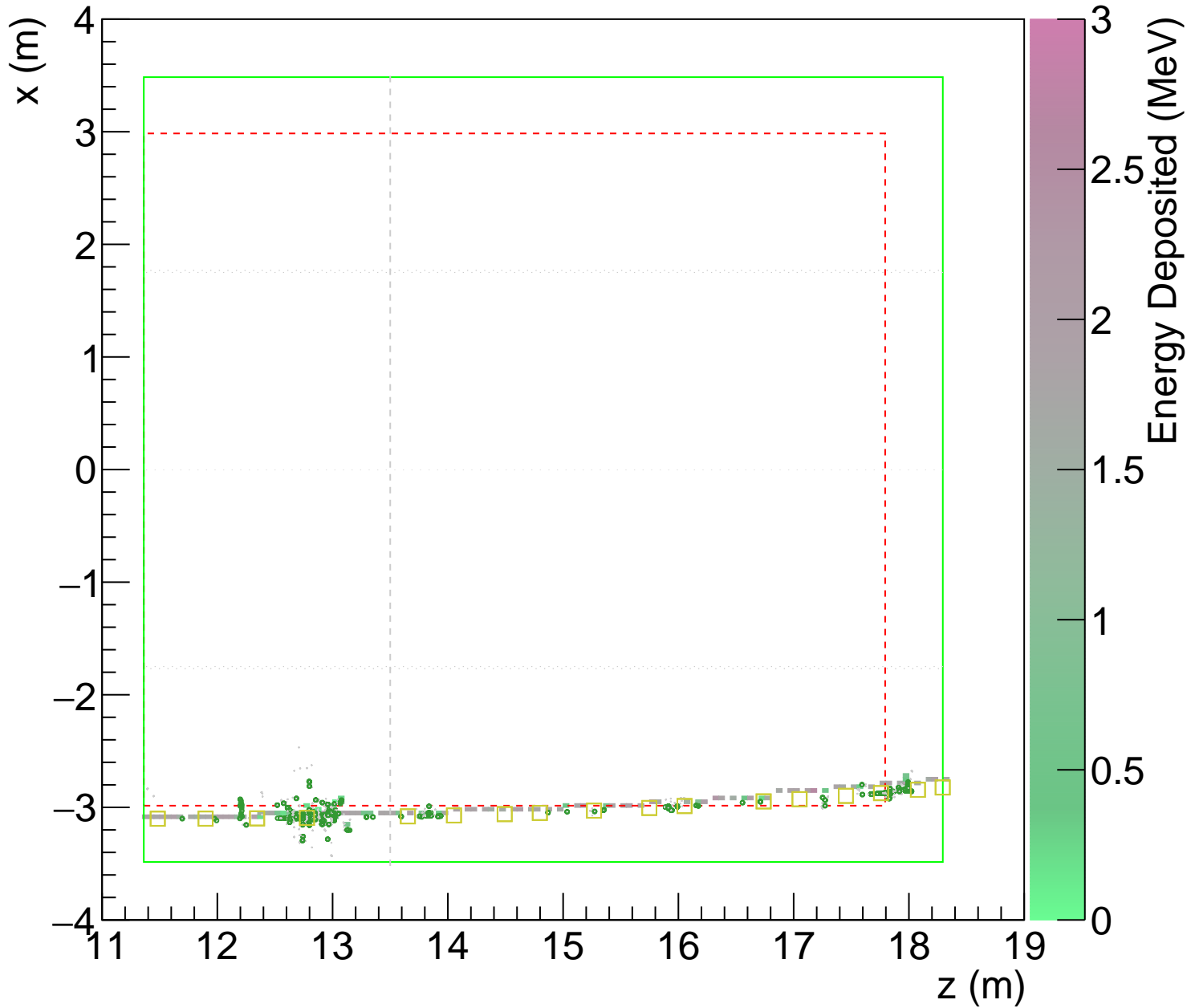




Event 134, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=16.29$  GeV,  $E_{\mu}^{\text{true}}=15.38$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

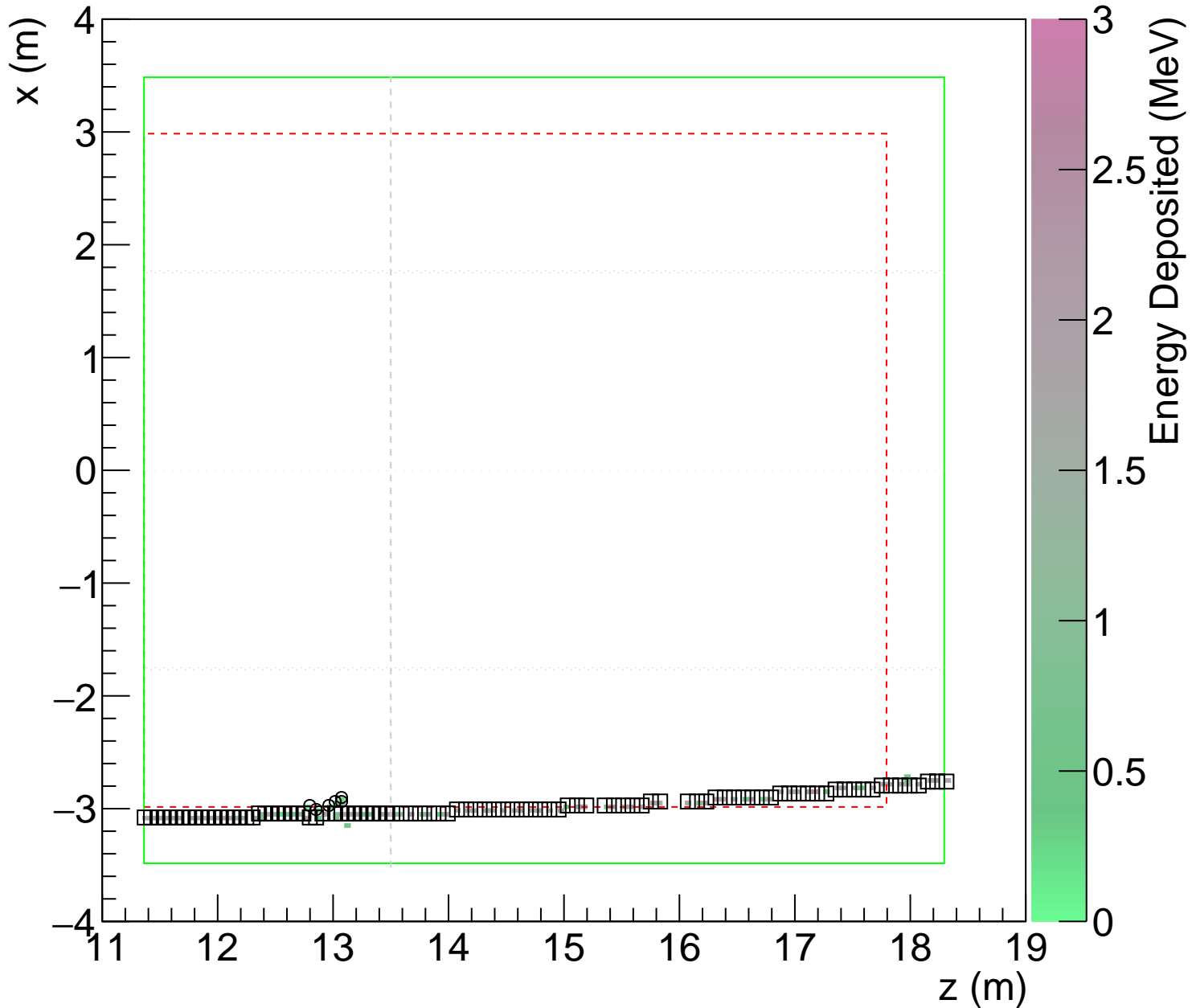


Event 134, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=16.29$  GeV,  $E_{\mu}^{\text{true}}=15.38$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

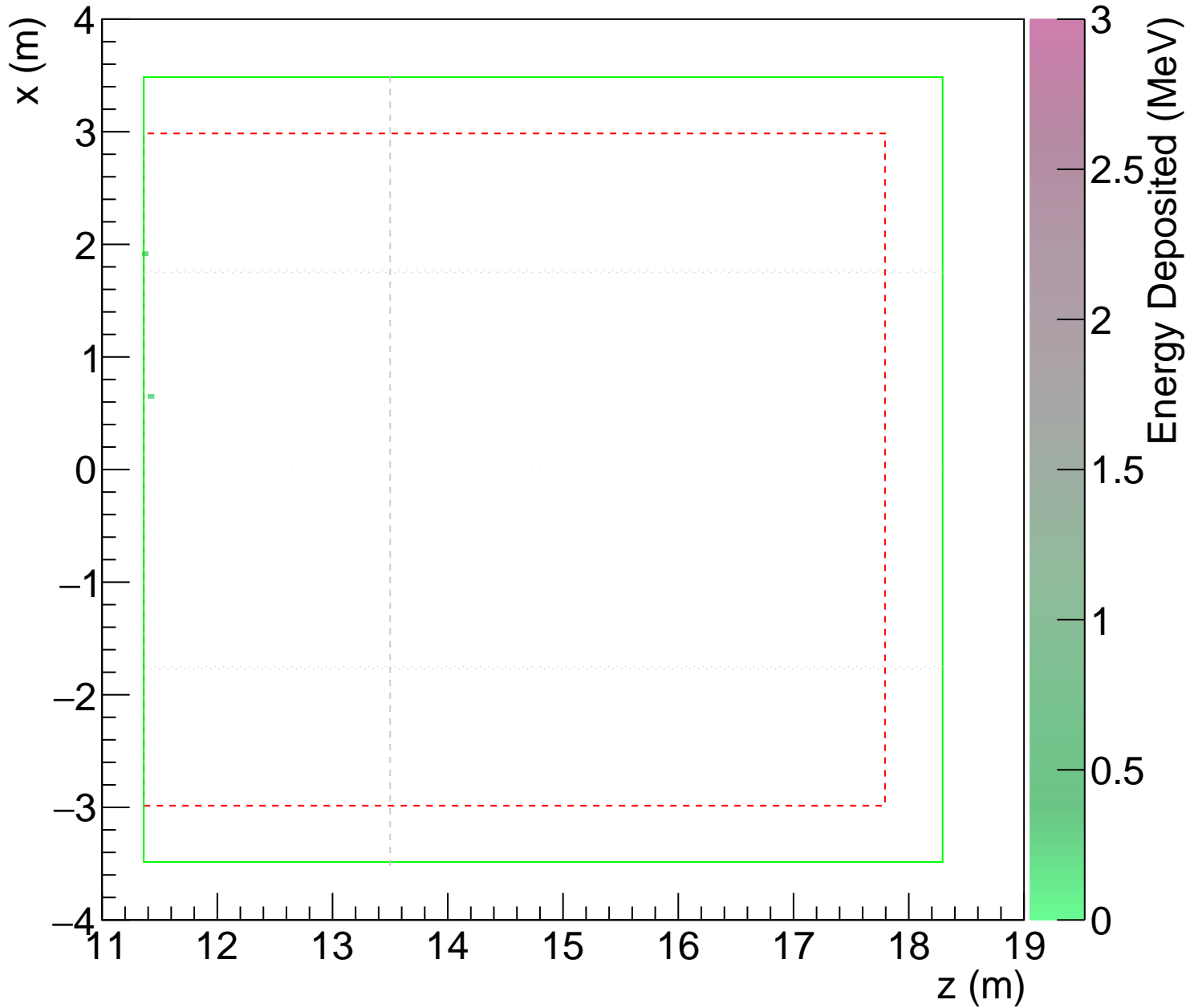


# Event 134 reconstructed

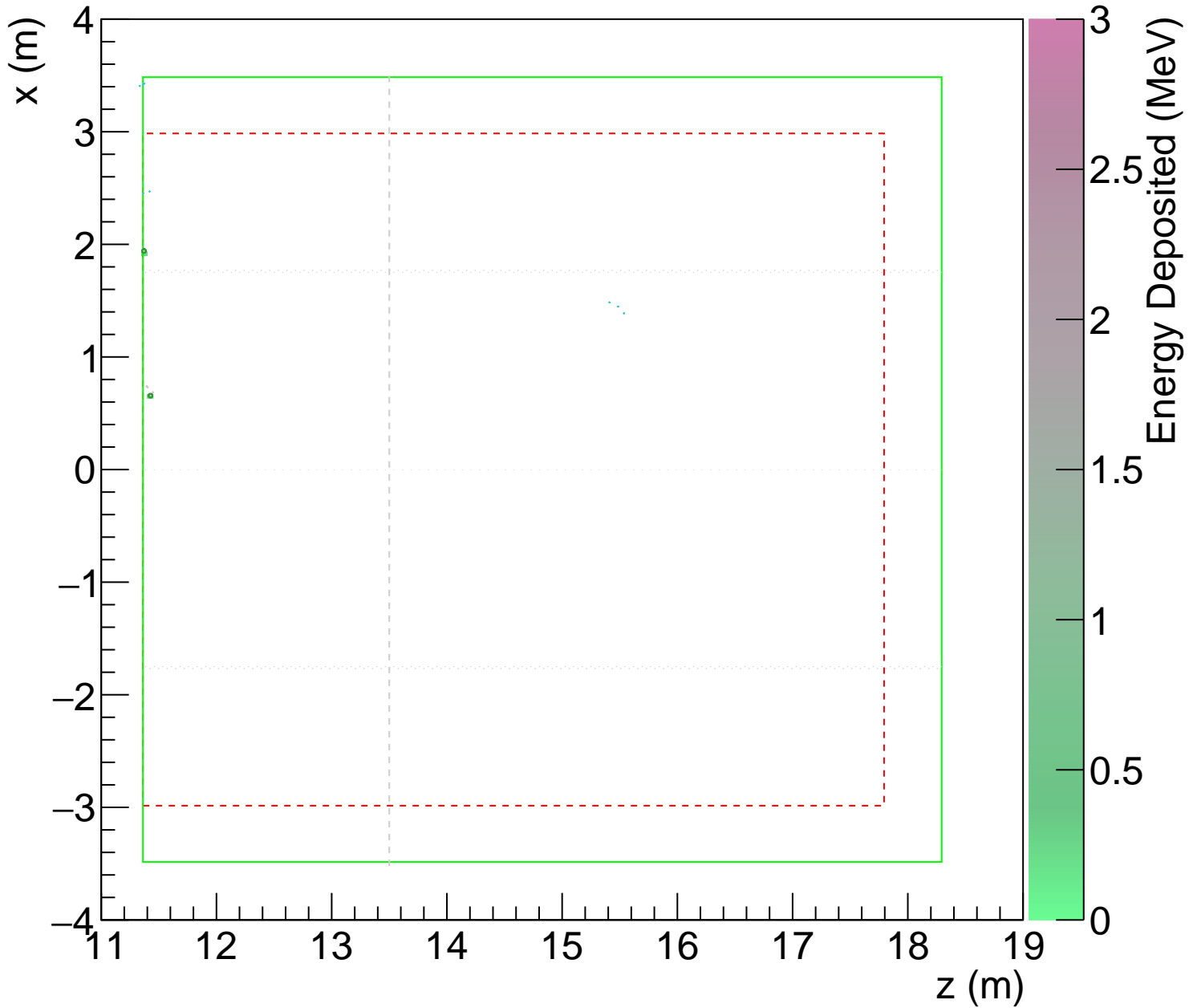
nLines: 1, nClusters: 1



Event 136, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.86$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,

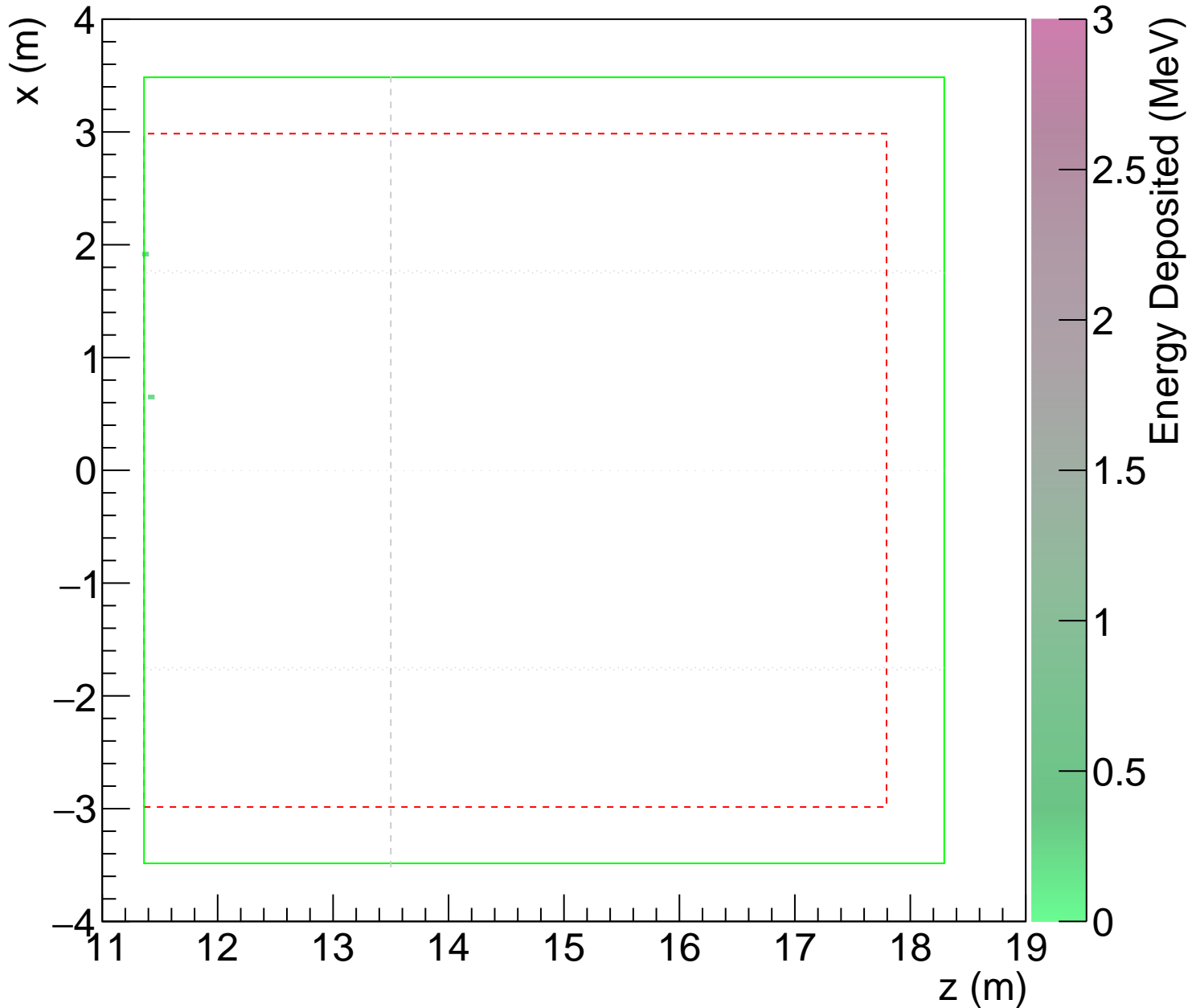


Event 136, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.86$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,

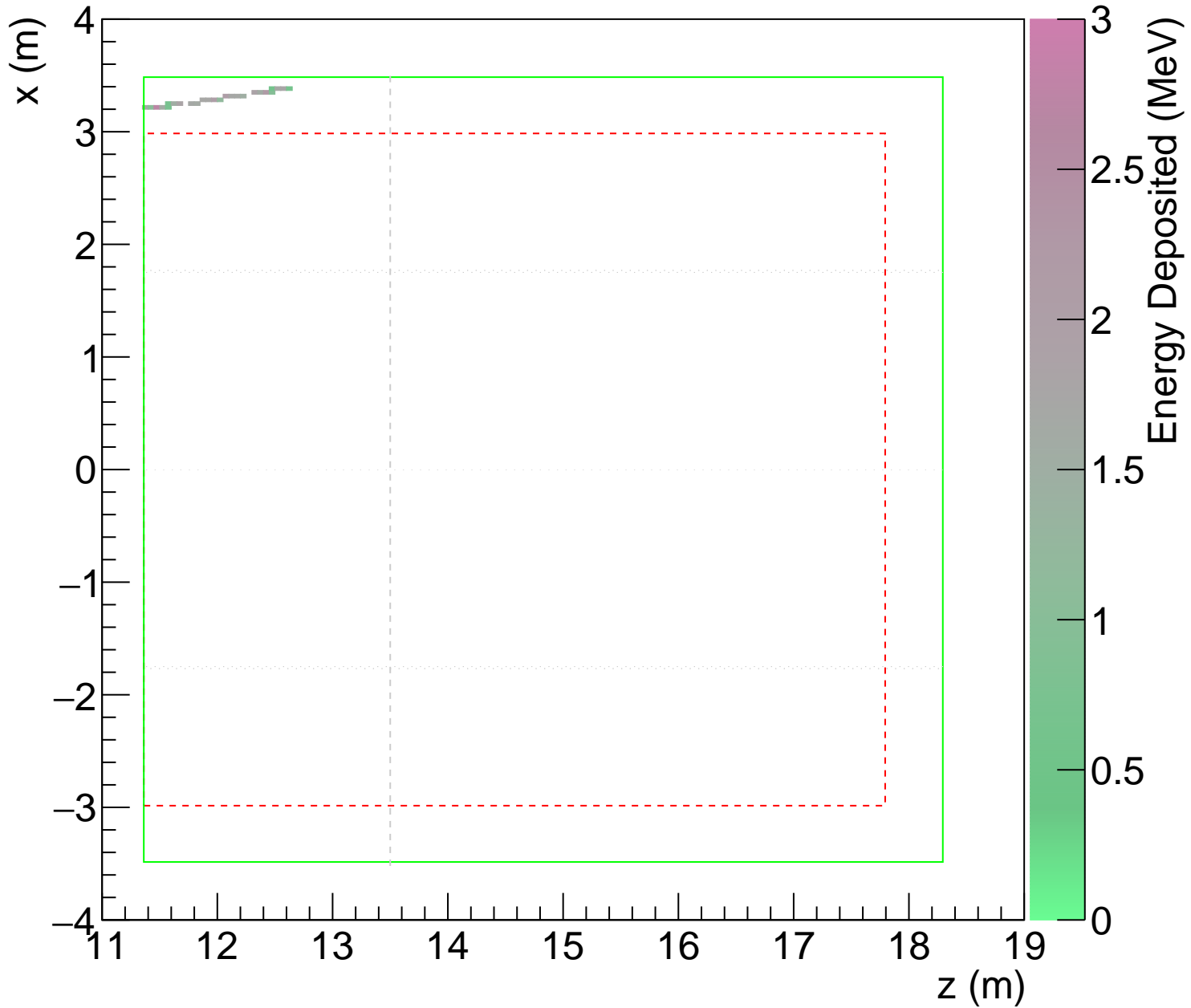


# Event 136 reconstructed

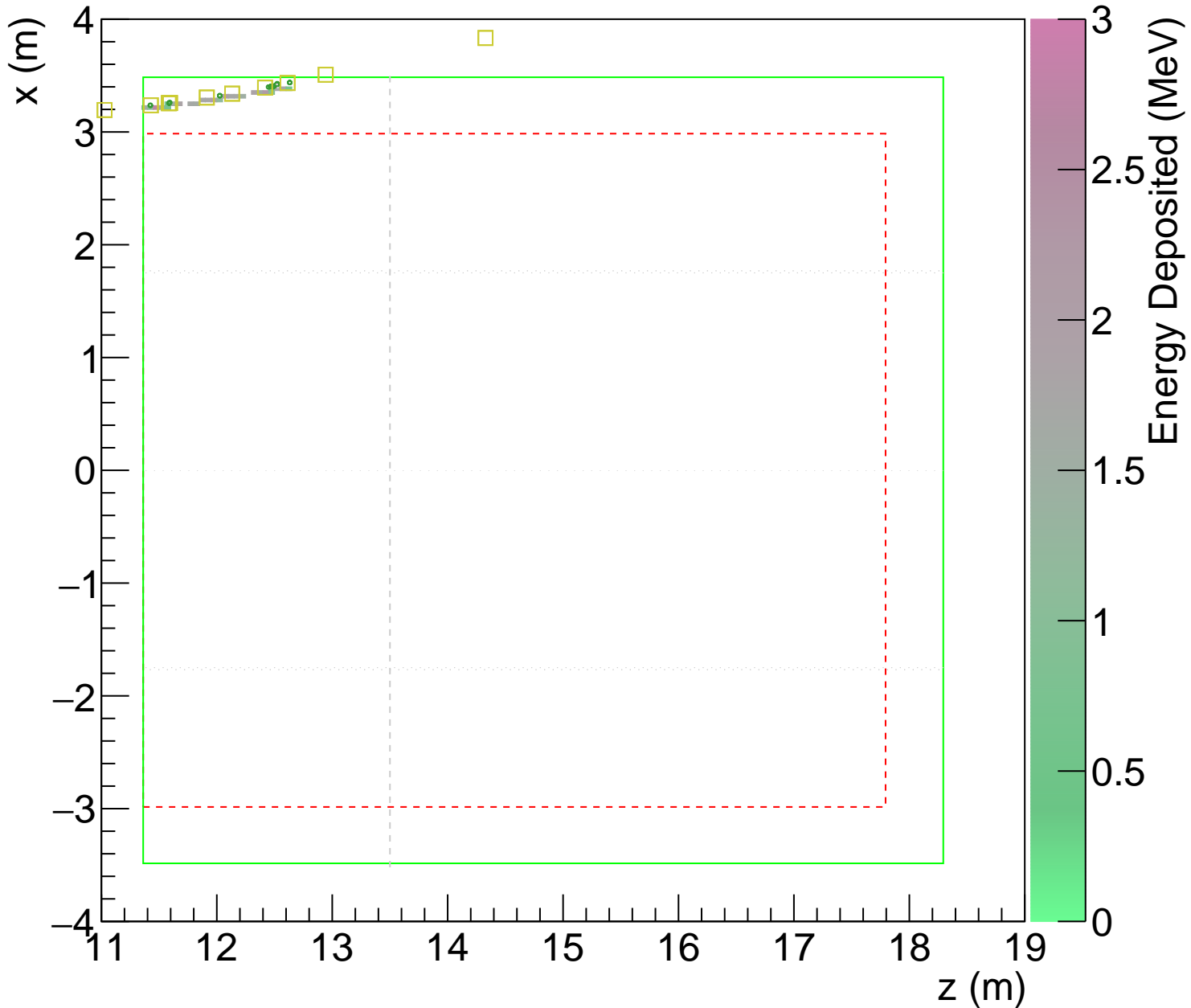
nLines: 0, nClusters: 0



Event 137, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.21$  GeV,  $E_{\mu}^{\text{true}}=2.65$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,



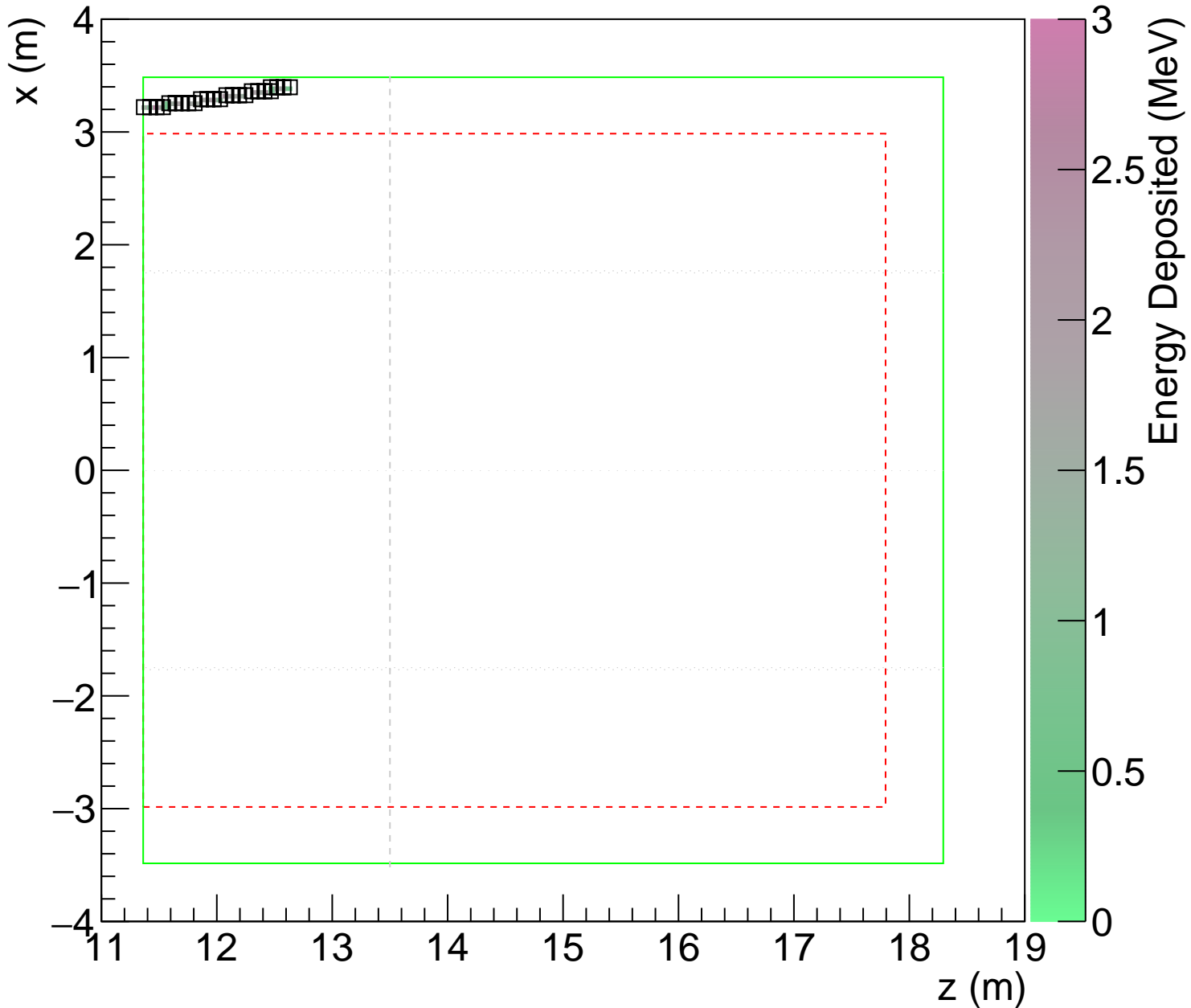
Event 137, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.21$  GeV,  $E_{\mu}^{\text{true}}=2.65$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,



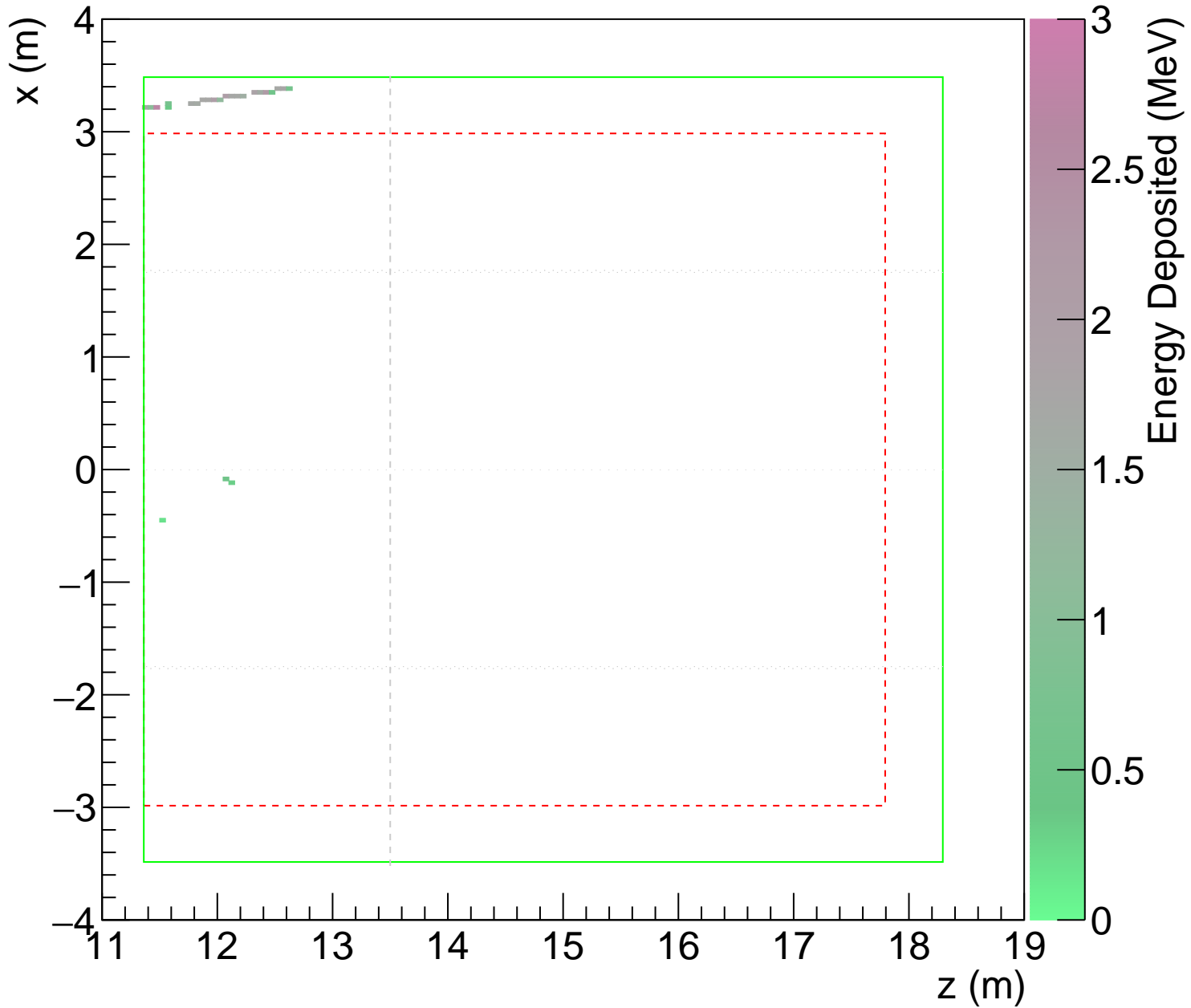


# Event 137 reconstructed

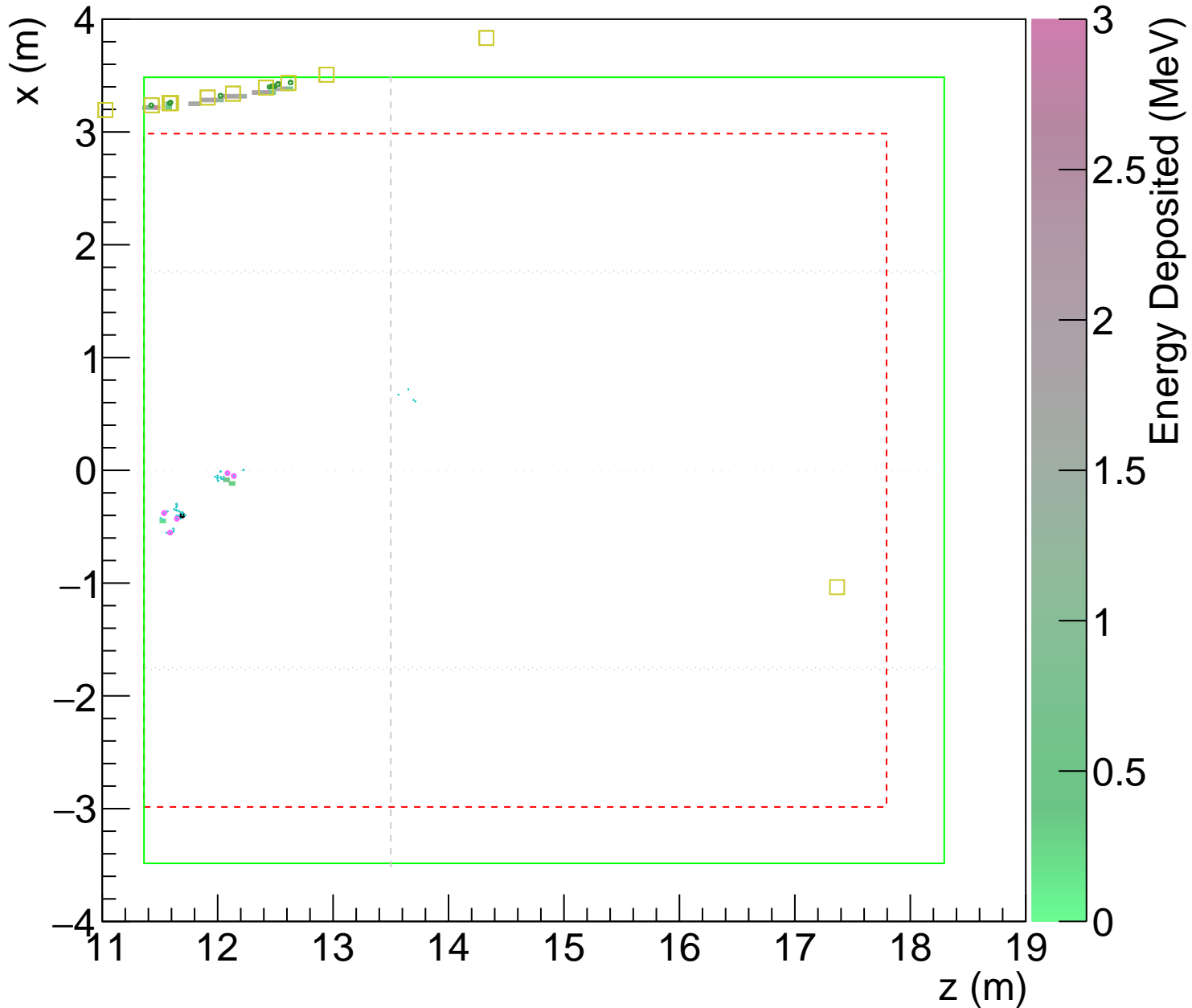
nLines: 1, nClusters: 0



Event 138, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.03$  GeV,  $E_{\mu}^{\text{true}}=2.65$  GeV  
nu:14,tgt:1000260560,N:2000000201,proc:Weak[CC],MEC,res:0,

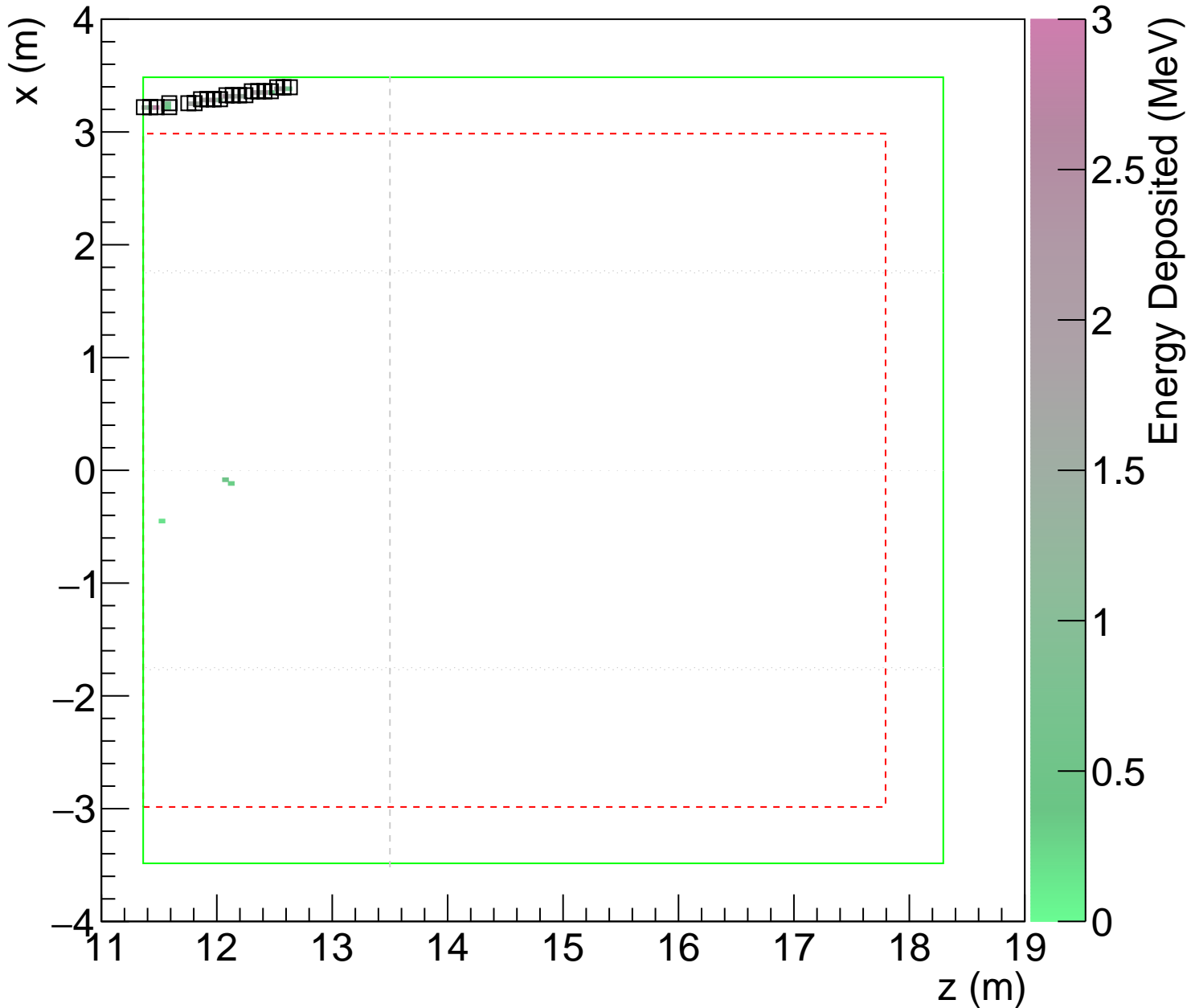


Event 138, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.03$  GeV,  $E_{\mu}^{\text{true}}=2.65$  GeV  
nu:14,tgt:1000260560,N:2000000201,proc:Weak[CC],MEC,res:0,

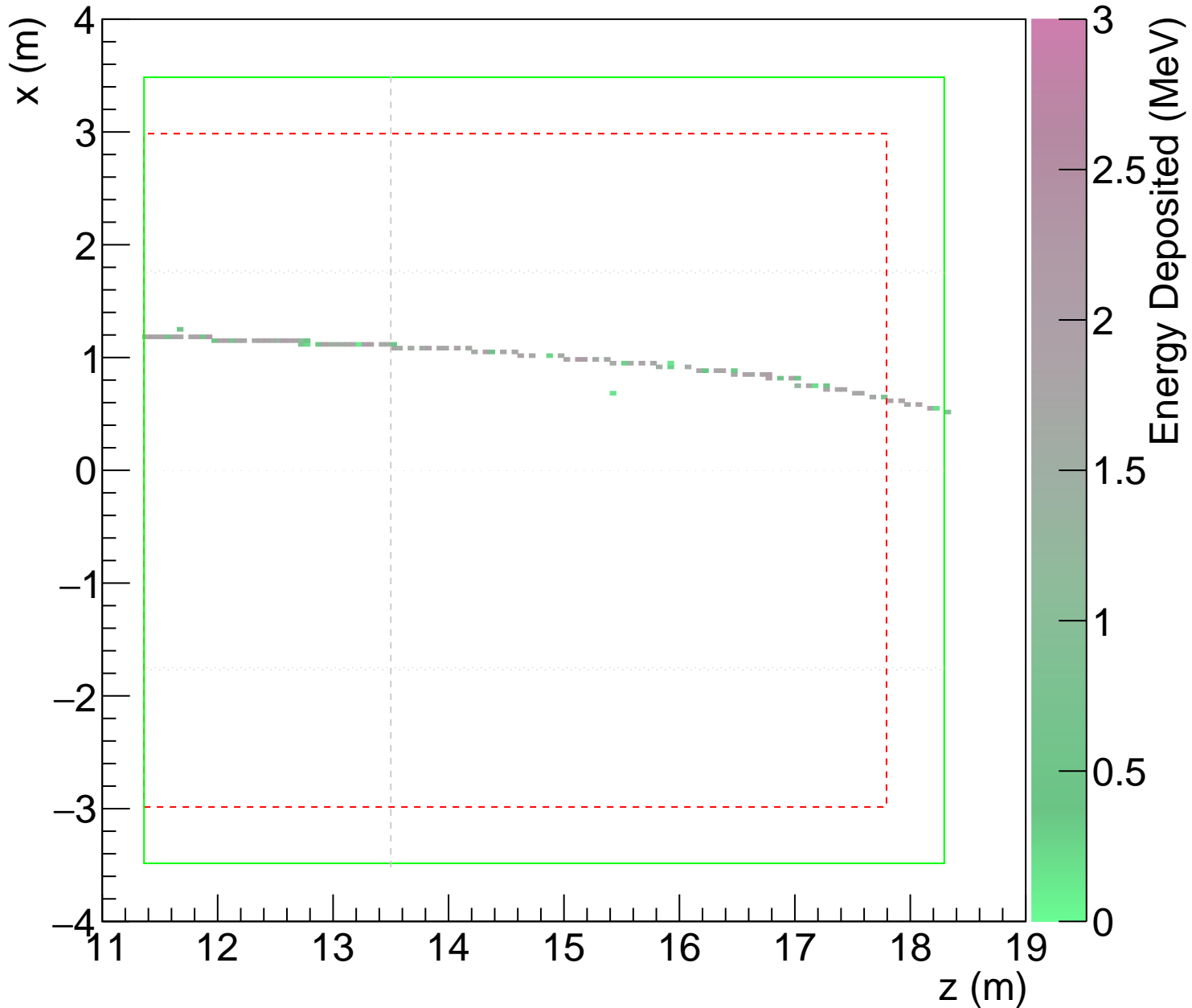


# Event 138 reconstructed

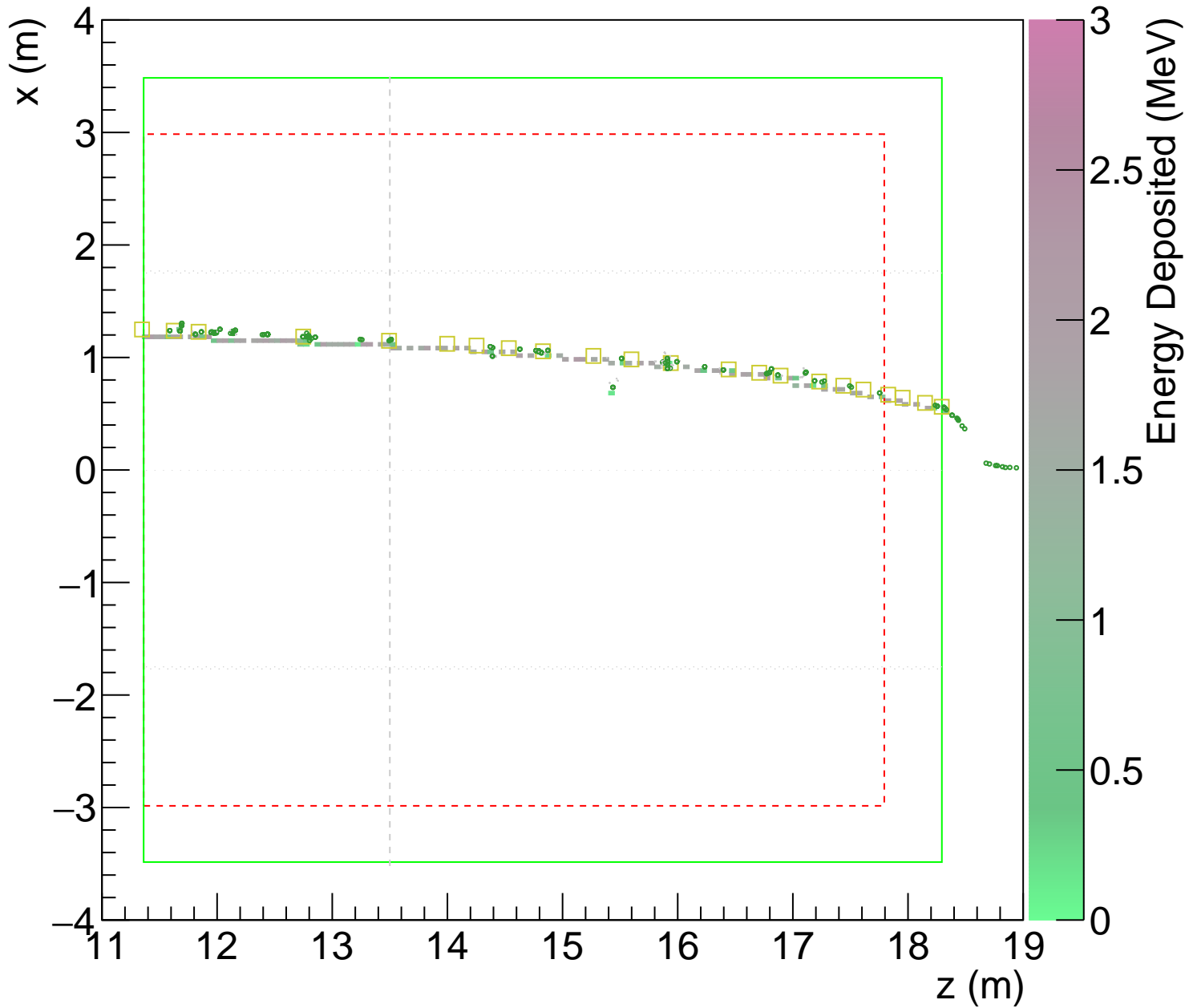
nLines: 1, nClusters: 0



Event 142, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.85$  GeV,  $E_{\mu}^{\text{true}}=7.83$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

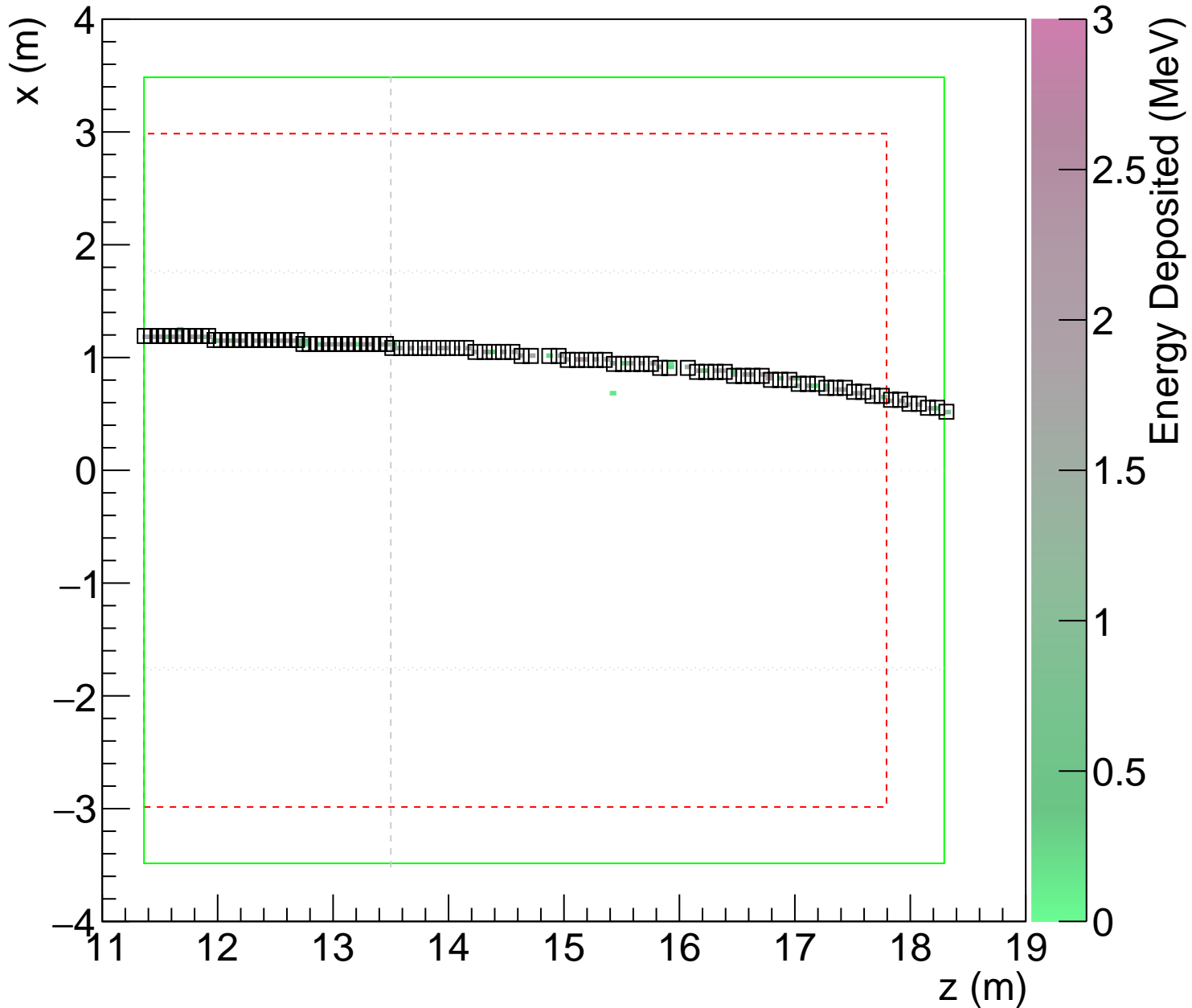


Event 142, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.85$  GeV,  $E_{\mu}^{\text{true}}=7.83$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

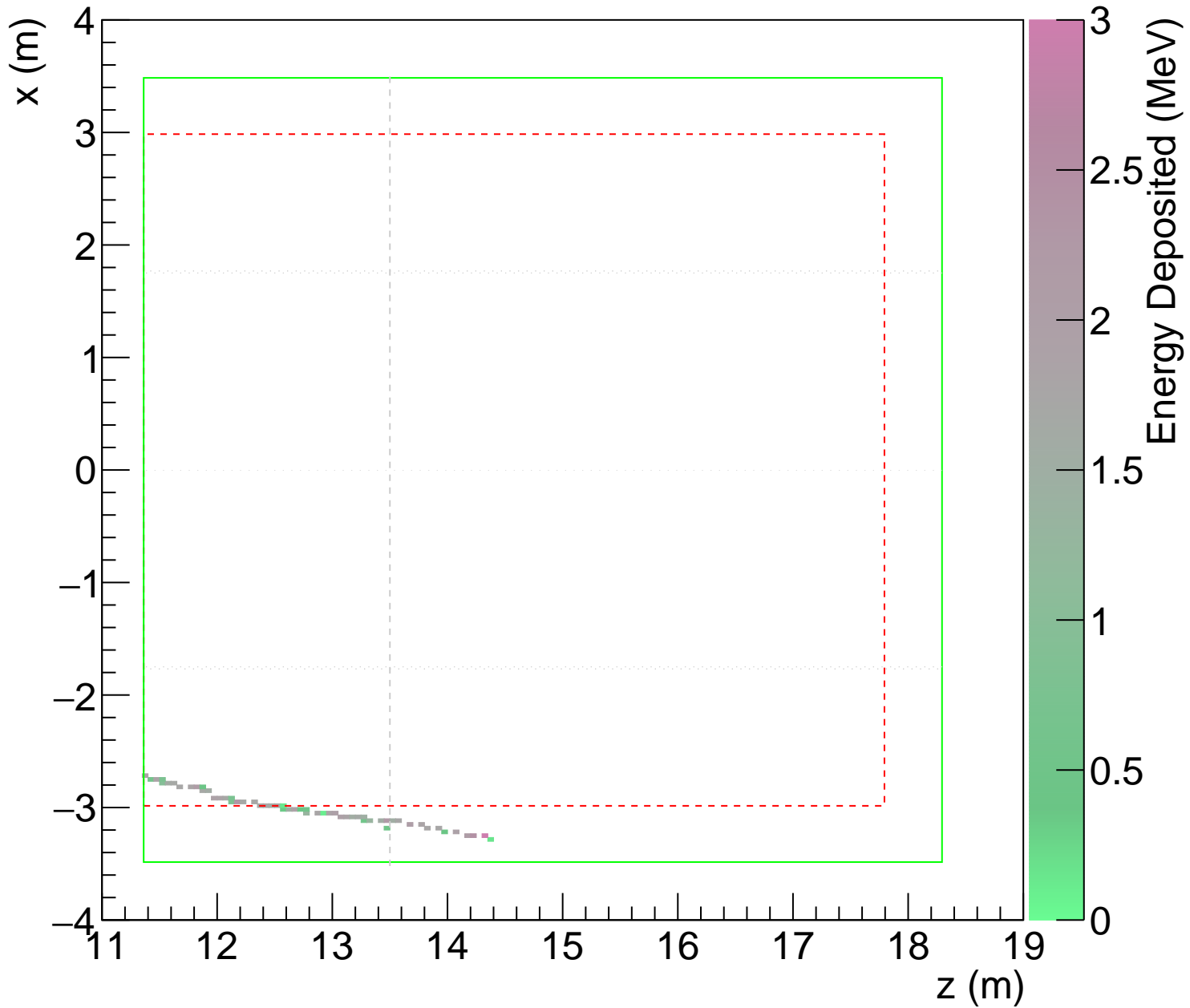


# Event 142 reconstructed

nLines: 1, nClusters: 0

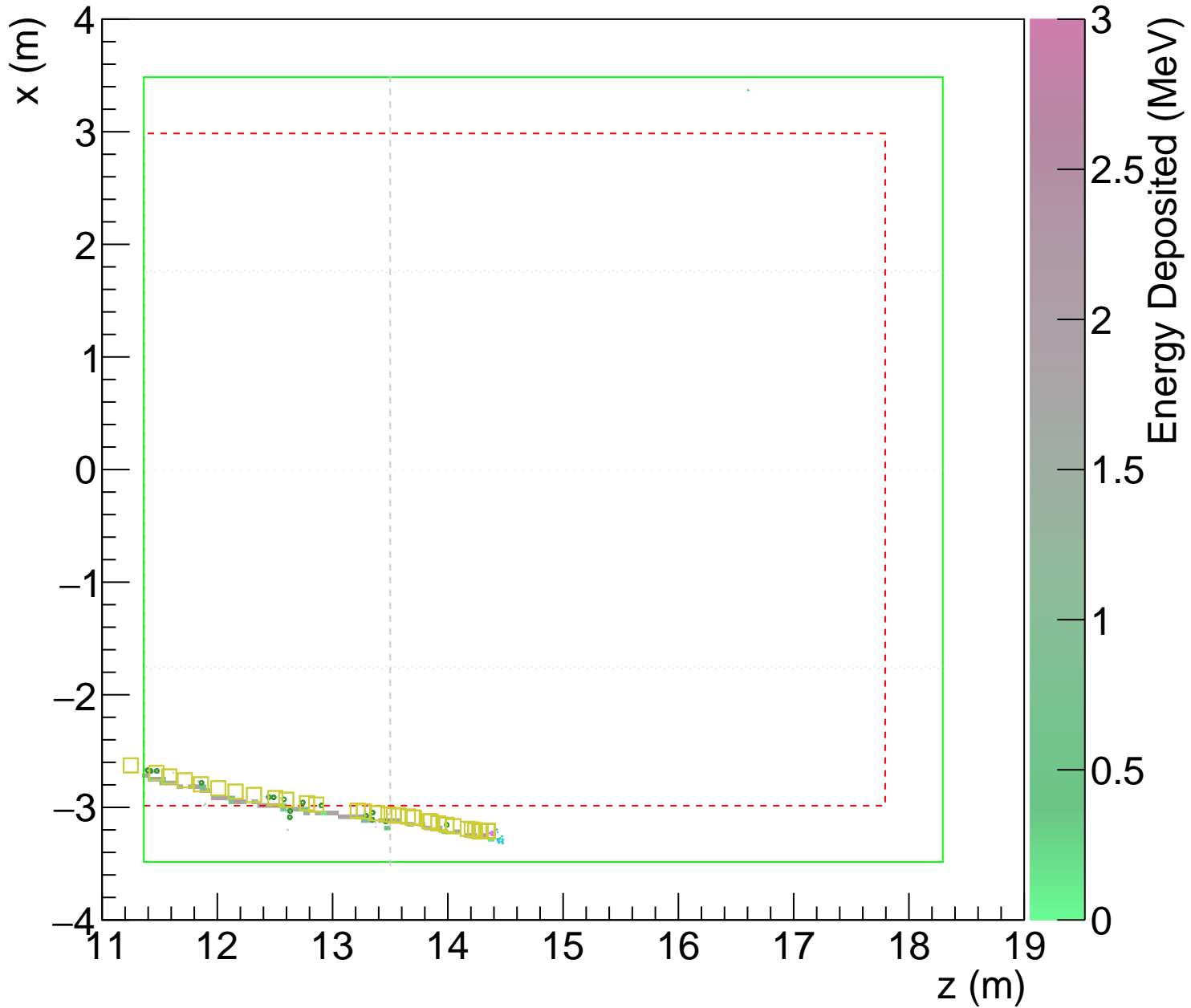


Event 144, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.83$  GeV,  $E_{\mu}^{\text{true}}=2.42$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



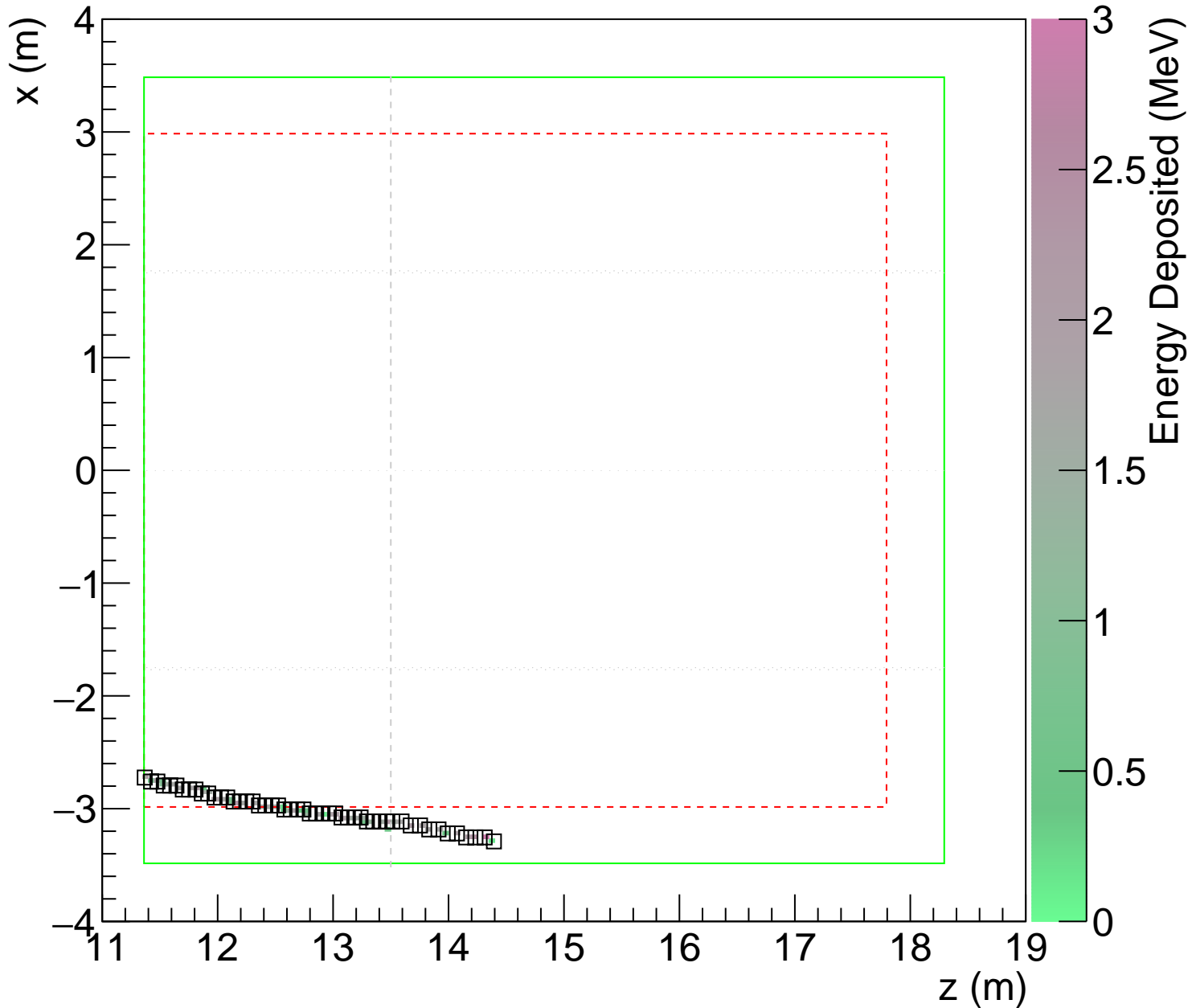


Event 144, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.83$  GeV,  $E_{\mu}^{\text{true}}=2.42$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

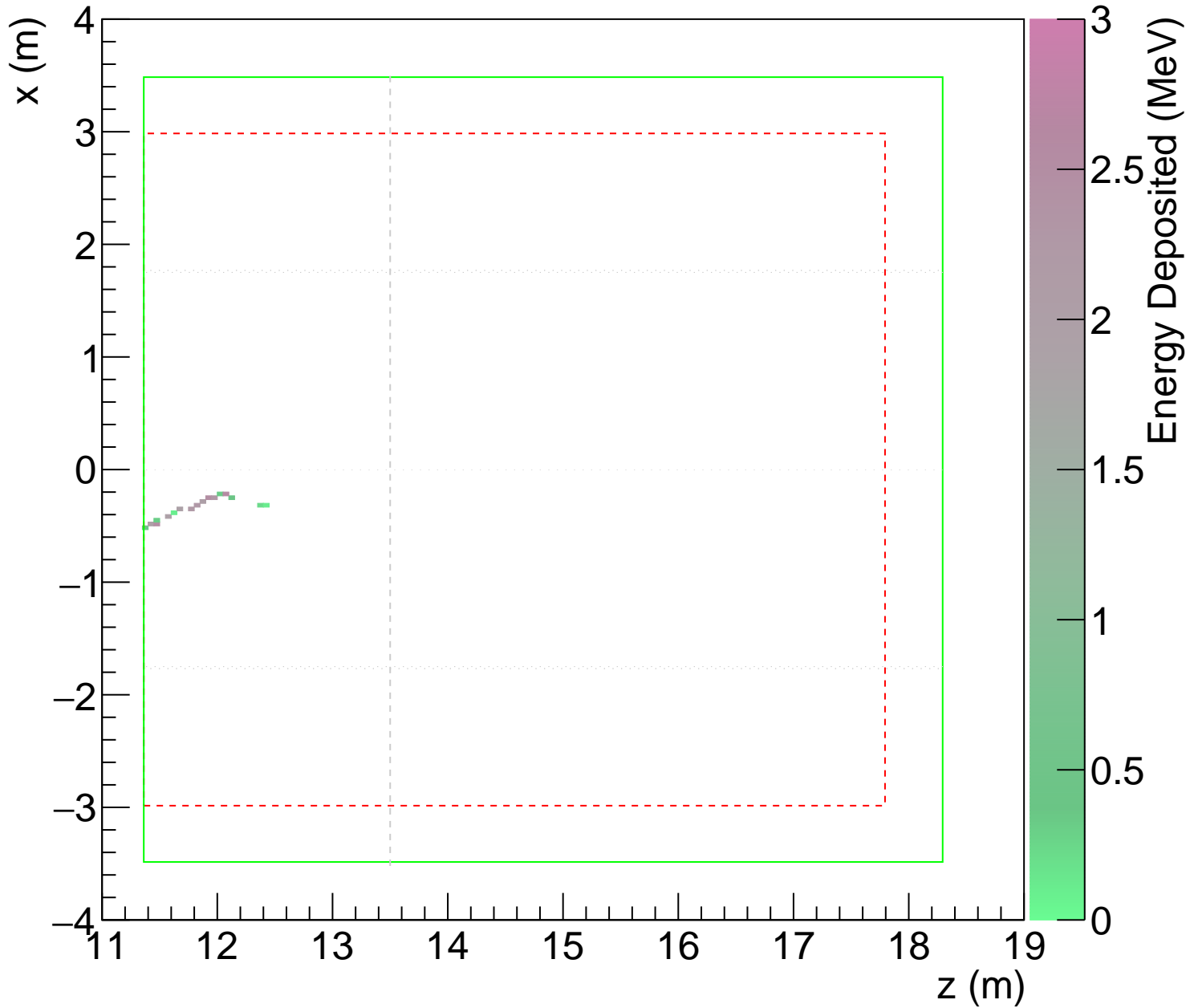


# Event 144 reconstructed

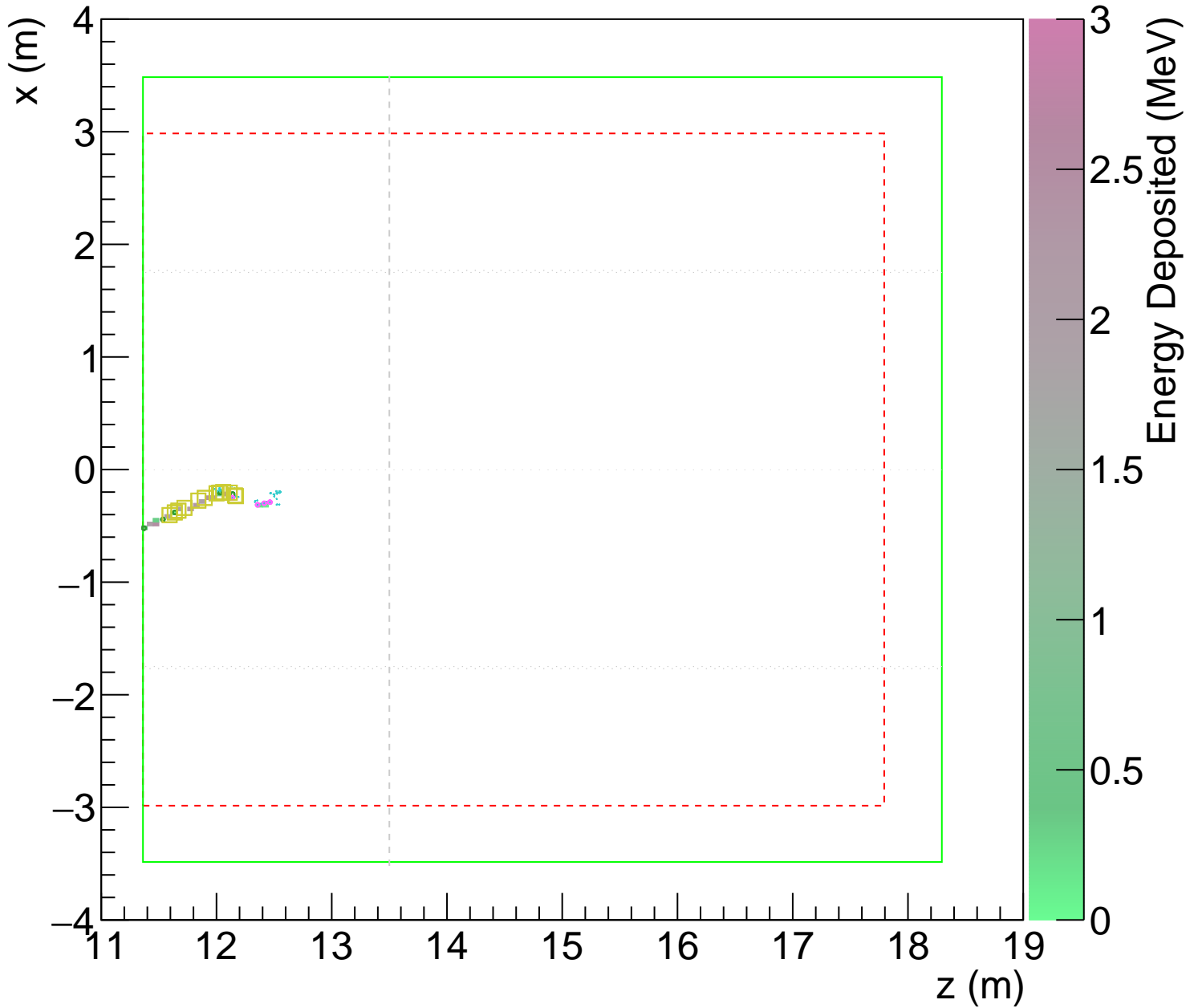
nLines: 1, nClusters: 0



Event 145, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.59$  GeV,  $E_{\mu}^{\text{true}}=1.46$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

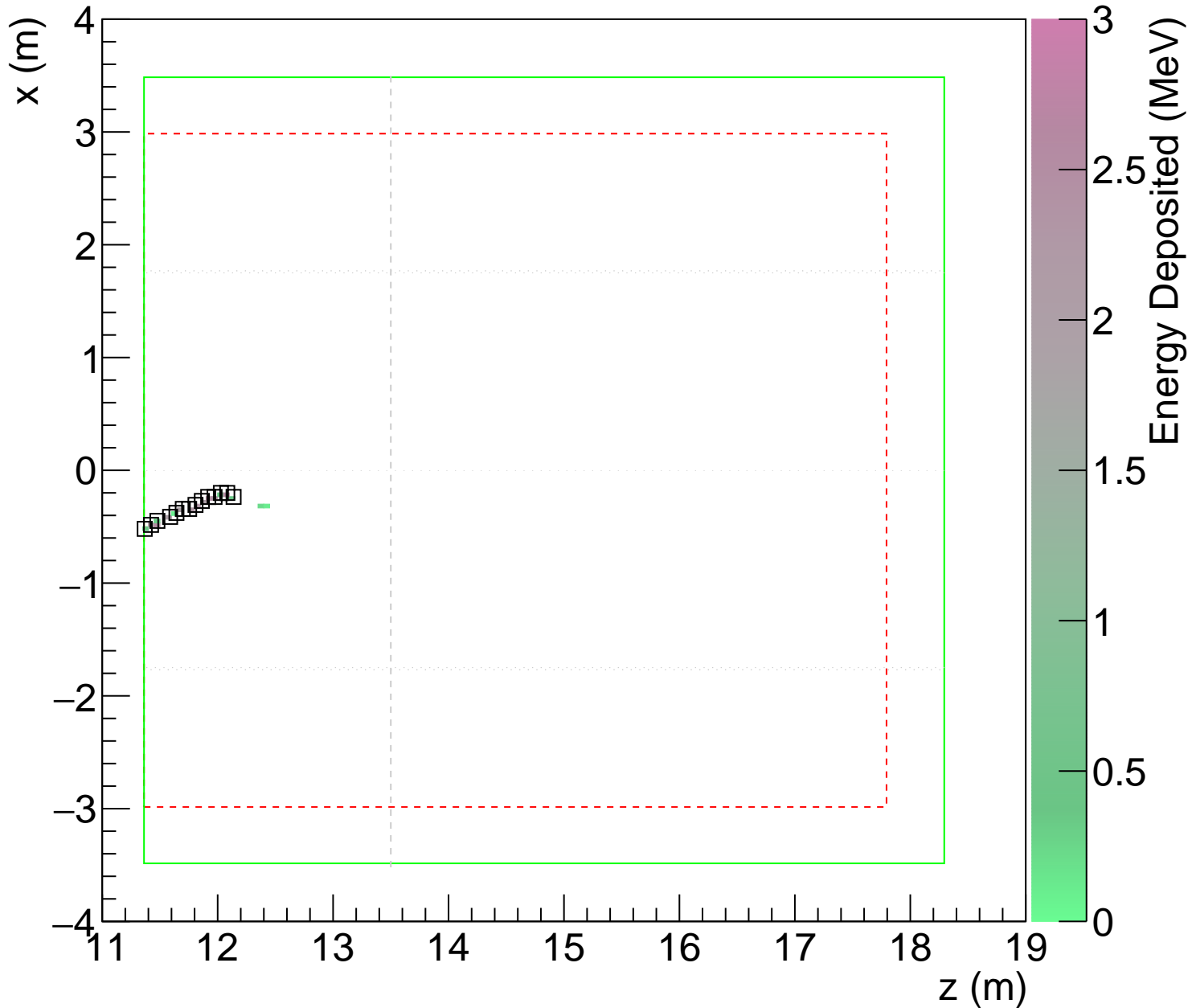


Event 145, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.59$  GeV,  $E_{\mu}^{\text{true}}=1.46$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

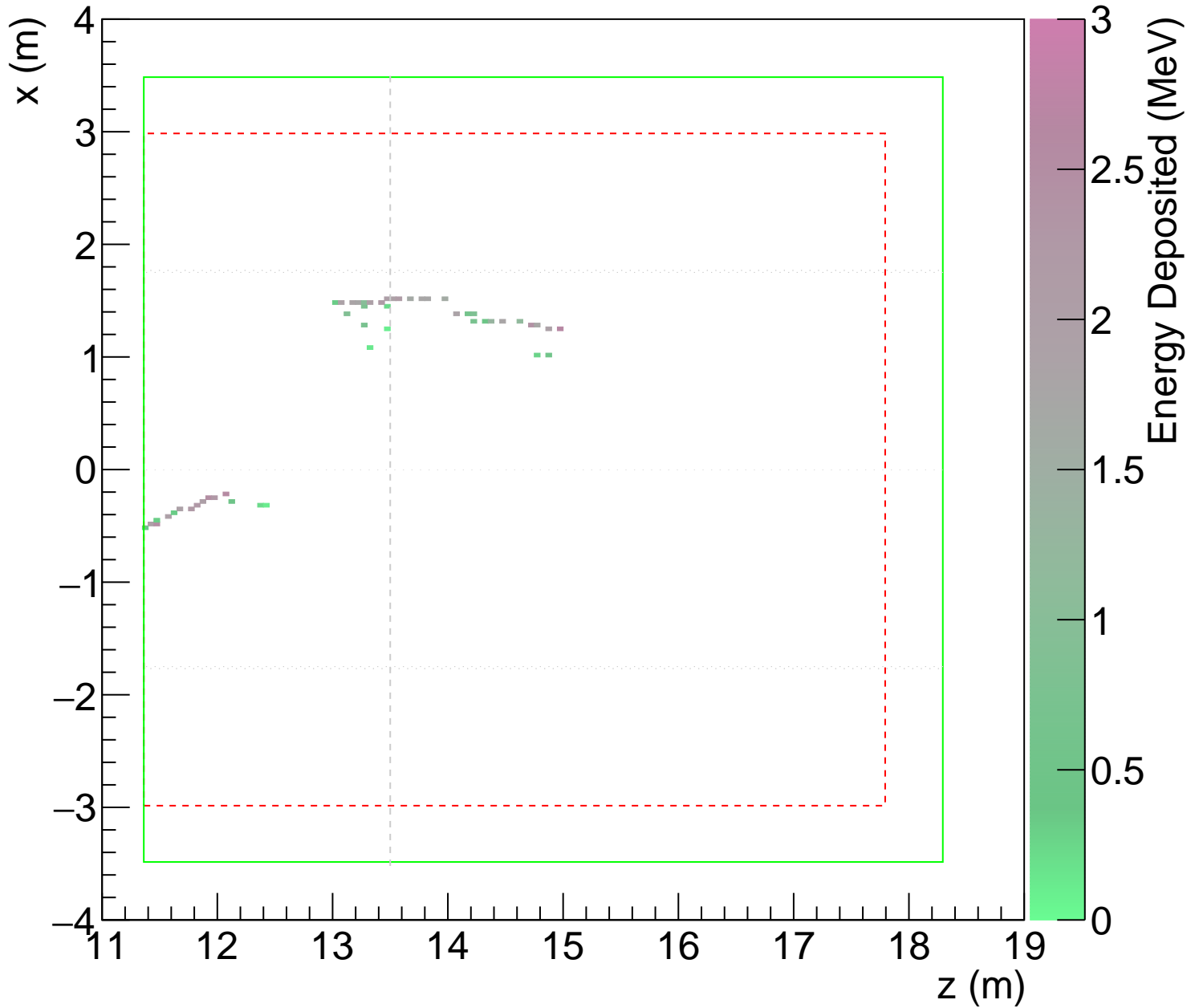


# Event 145 reconstructed

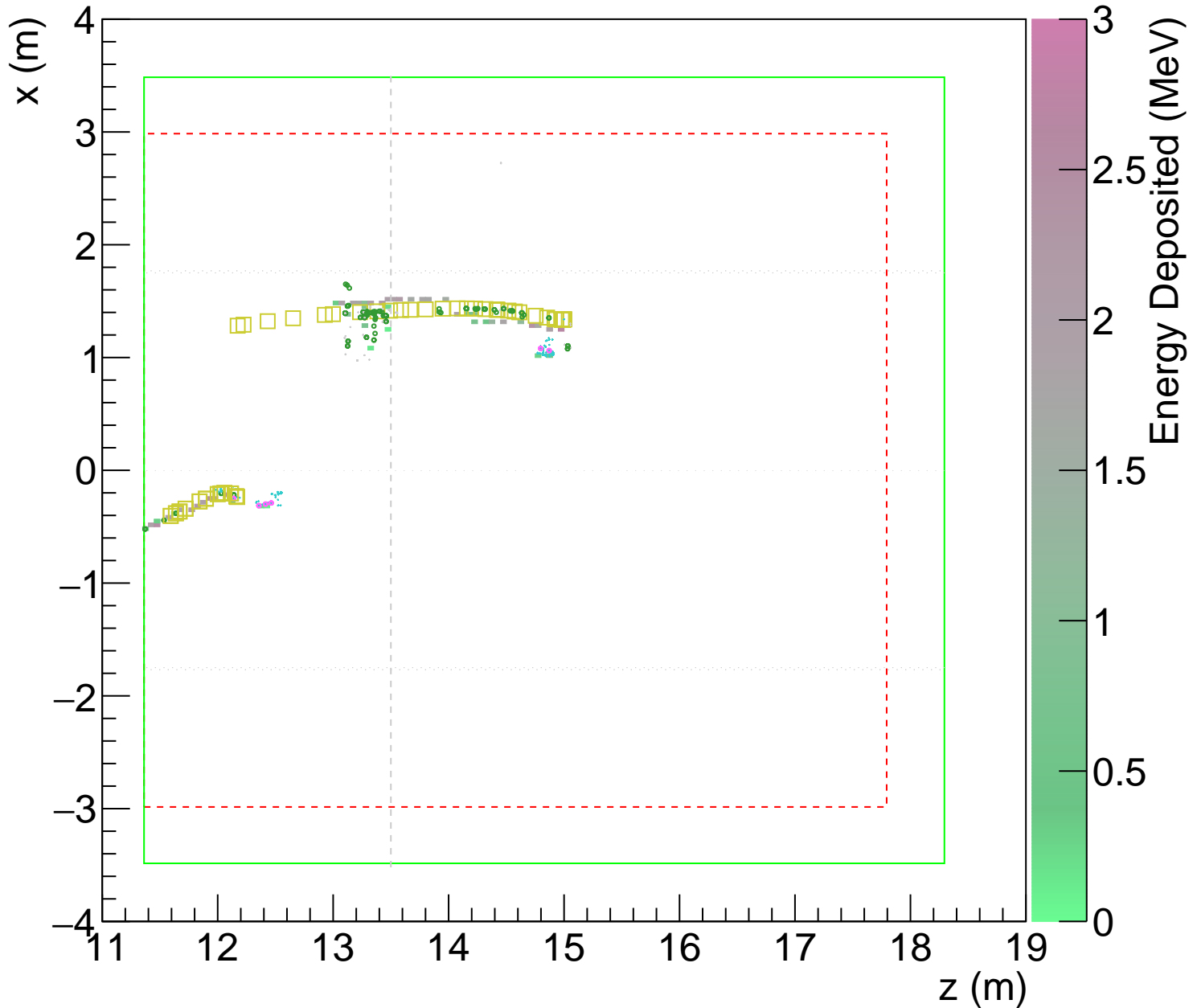
nLines: 1, nClusters: 0



Event 146, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.71$  GeV,  $E_{\mu}^{\text{true}}=2.28$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,

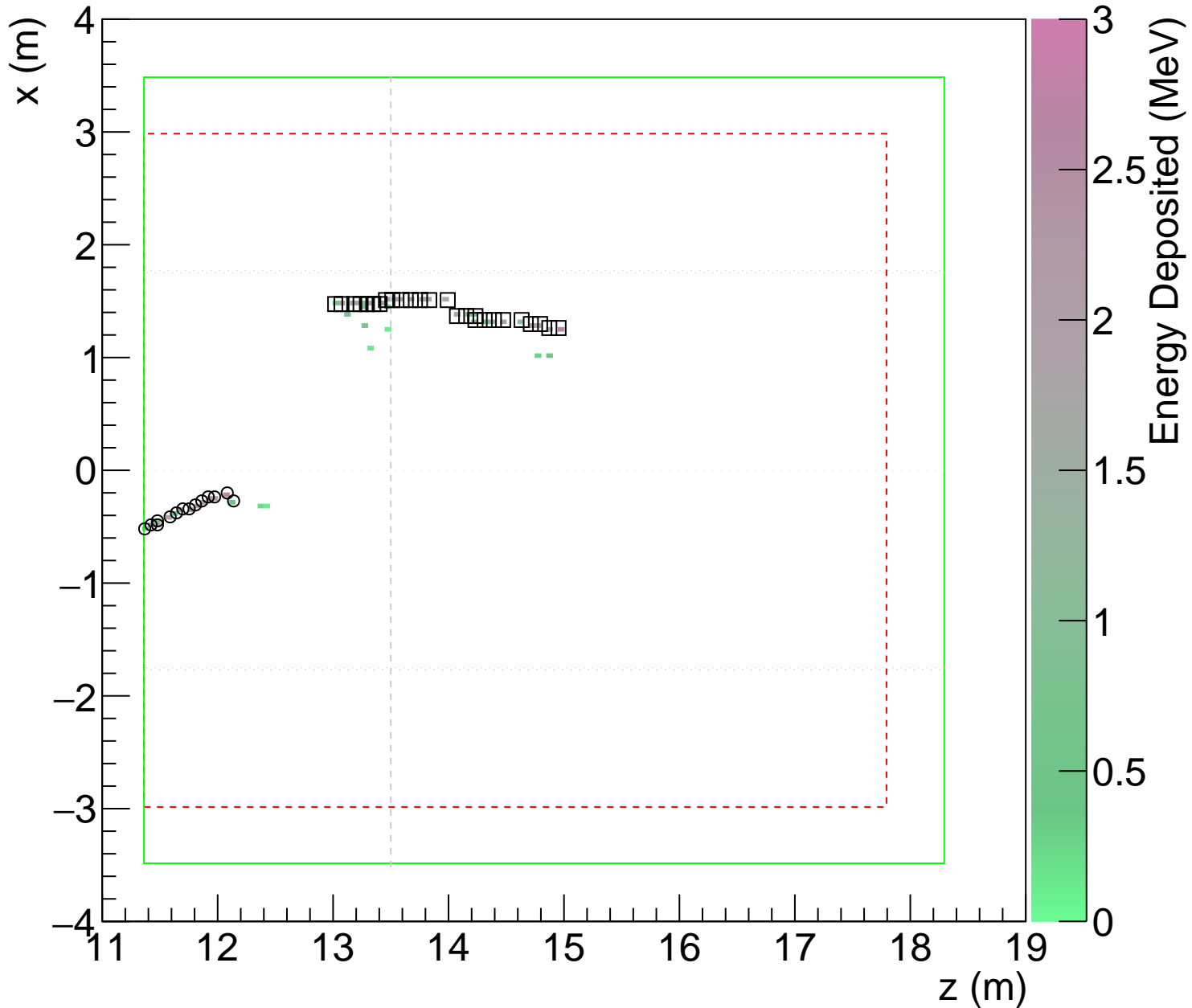


Event 146, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.71$  GeV,  $E_{\mu}^{\text{true}}=2.28$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,



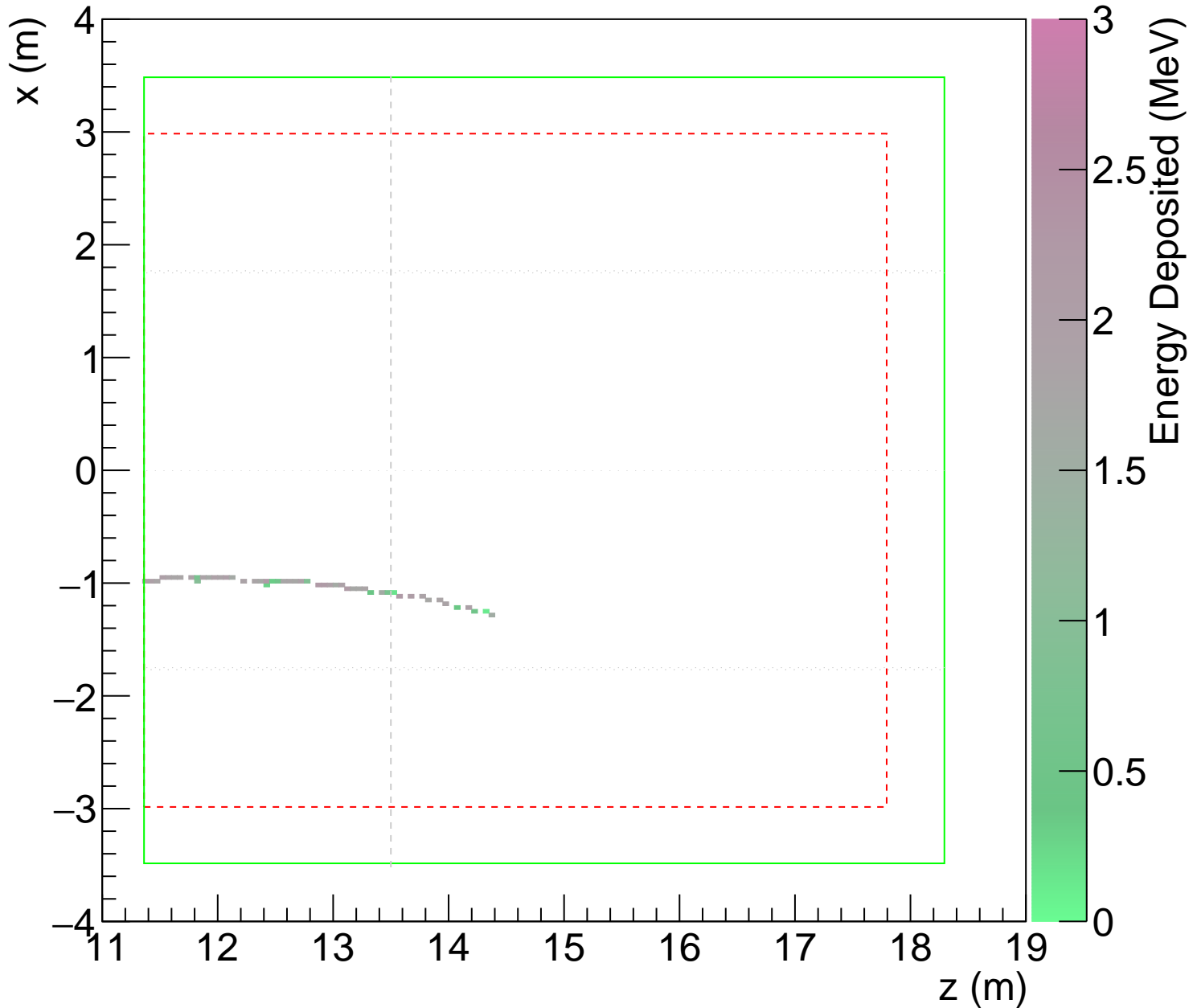
# Event 146 reconstructed

nLines: 1, nClusters: 1

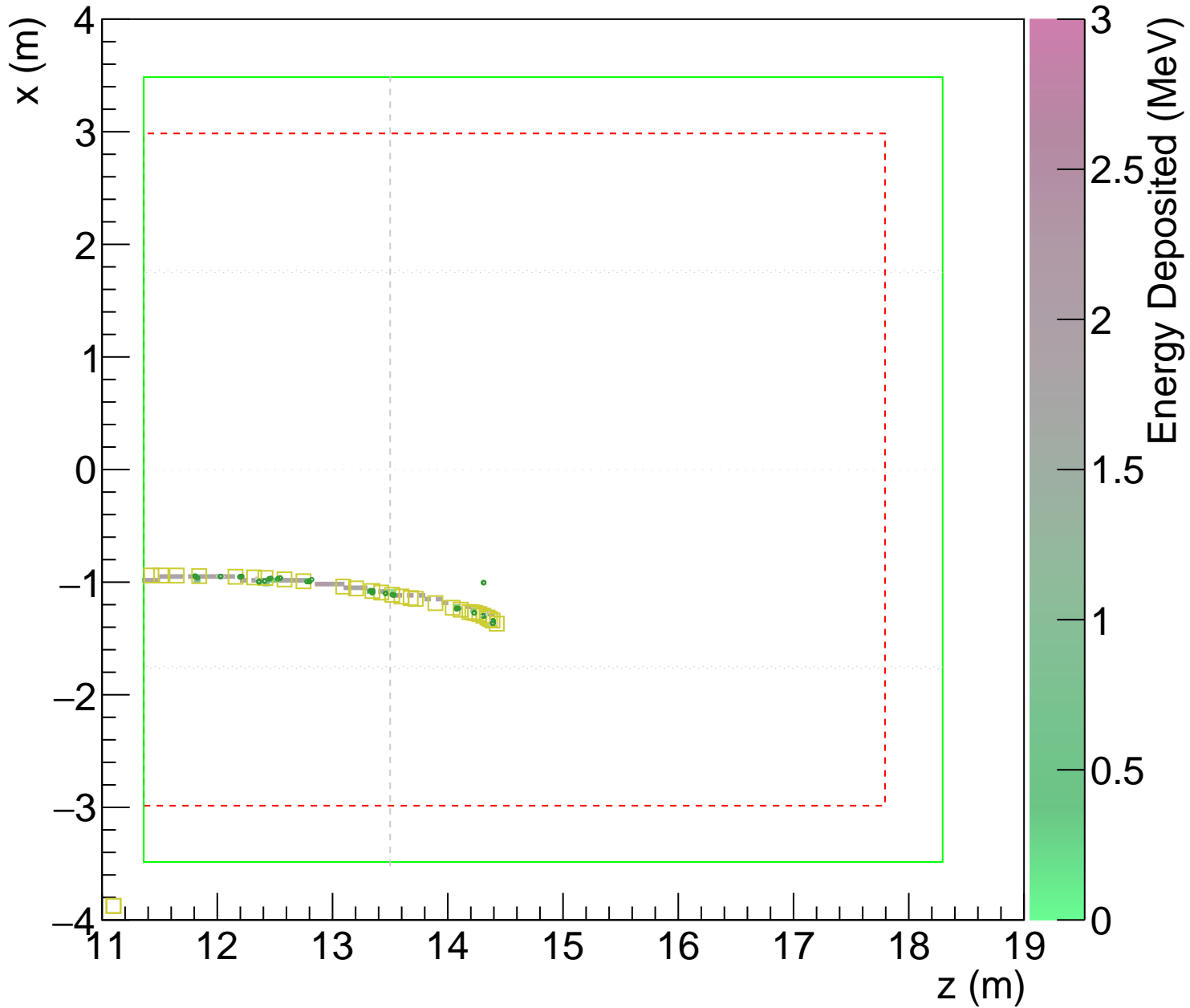




Event 150, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.06$  GeV,  $E_{\mu}^{\text{true}}=2.63$  GeV  
nu:14,tgt:1000060120,N:2112,proc:Weak[CC],RES,res:1,

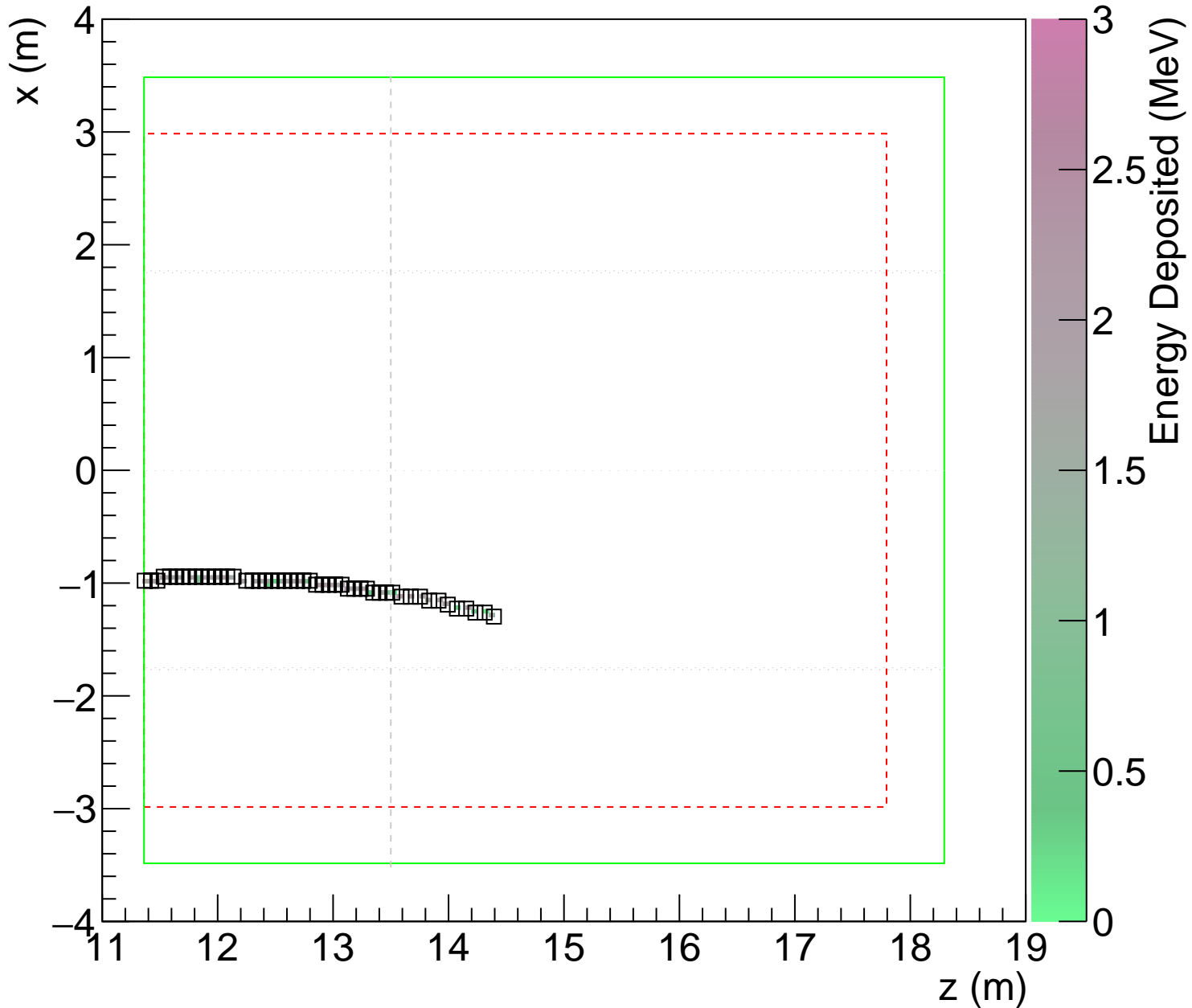


Event 150, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.06$  GeV,  $E_{\mu}^{\text{true}}=2.63$  GeV  
nu:14,tgt:1000060120,N:2112,proc:Weak[CC],RES,res:1,

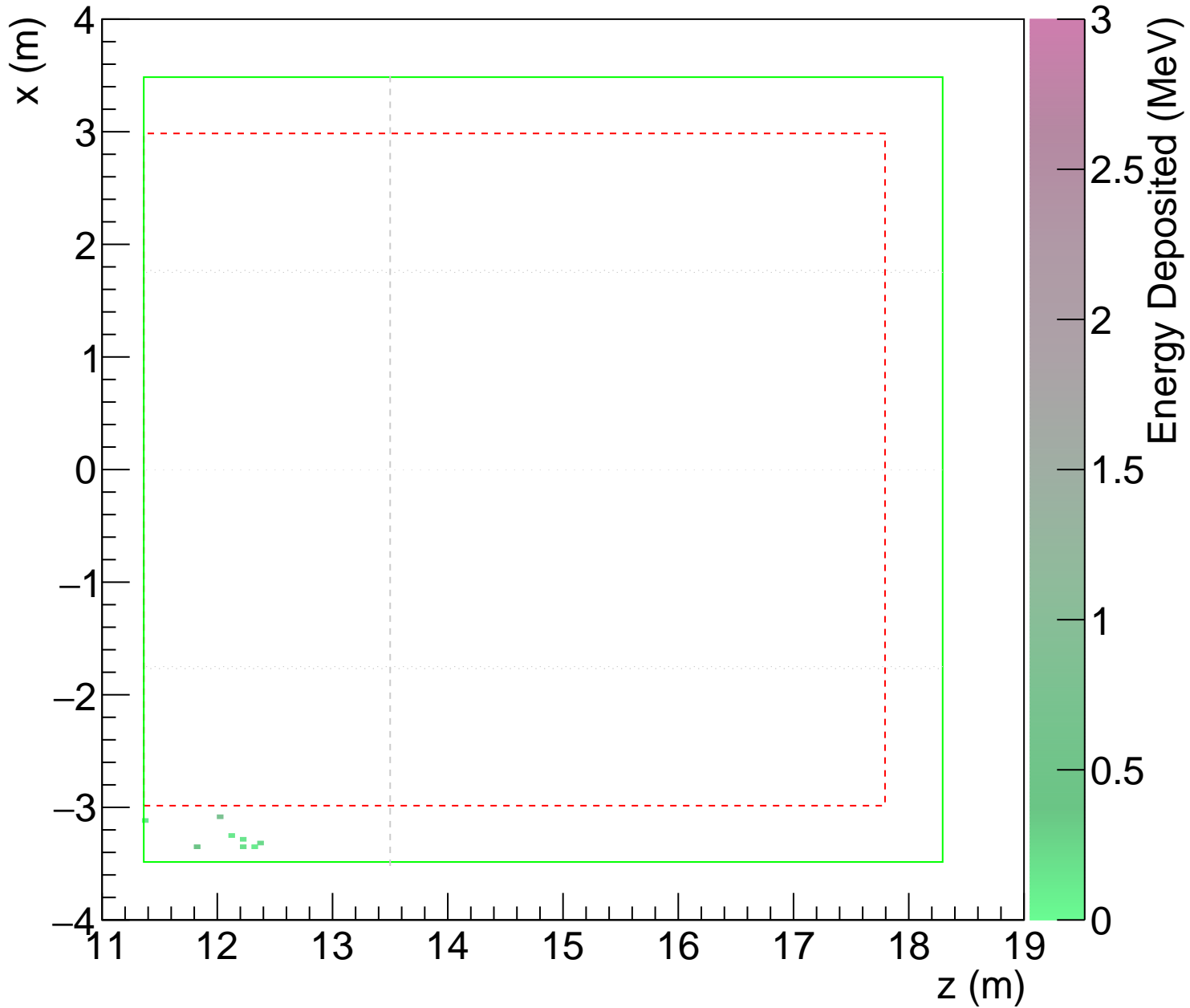


# Event 150 reconstructed

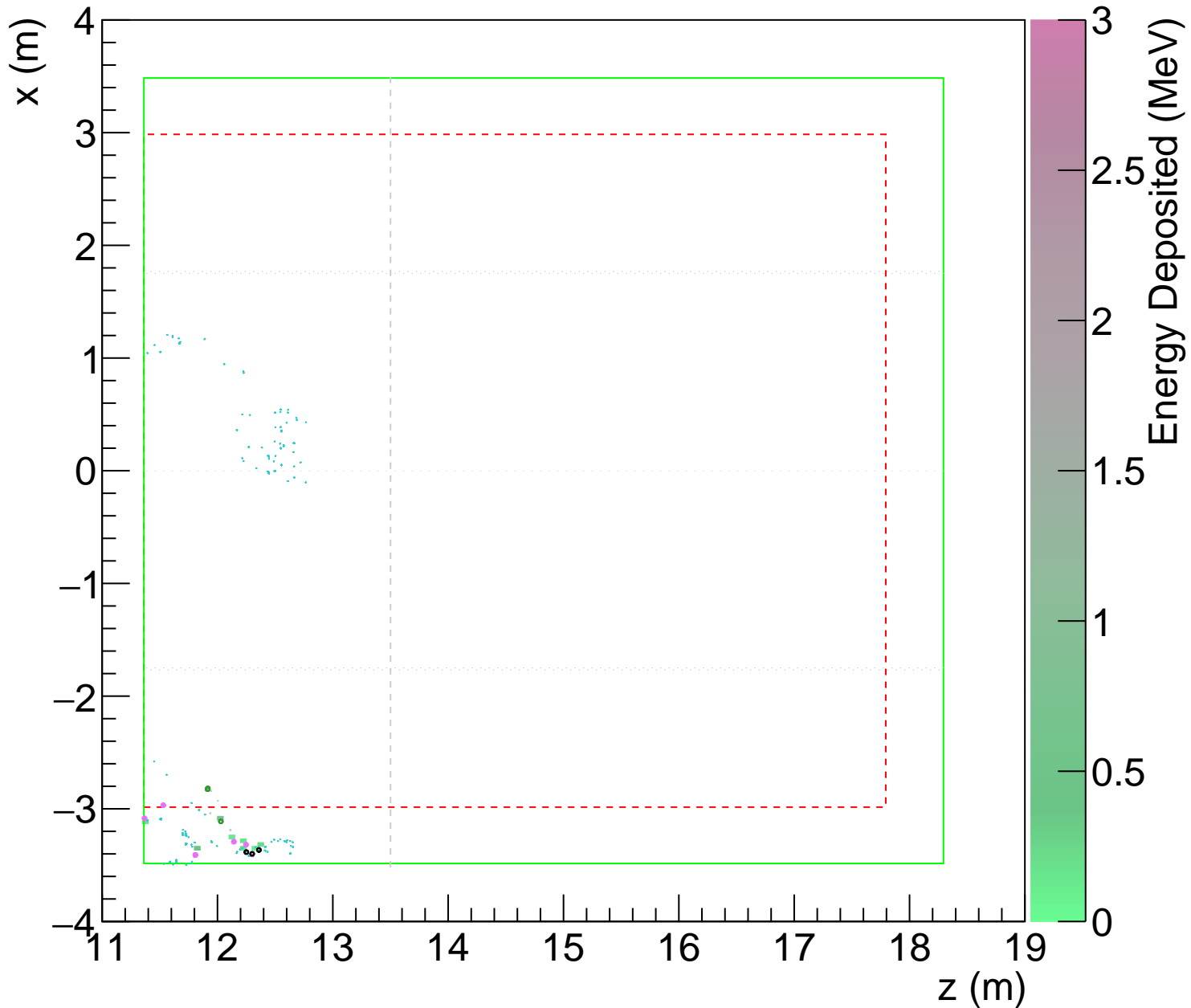
nLines: 1, nClusters: 0



Event 152, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.72$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,

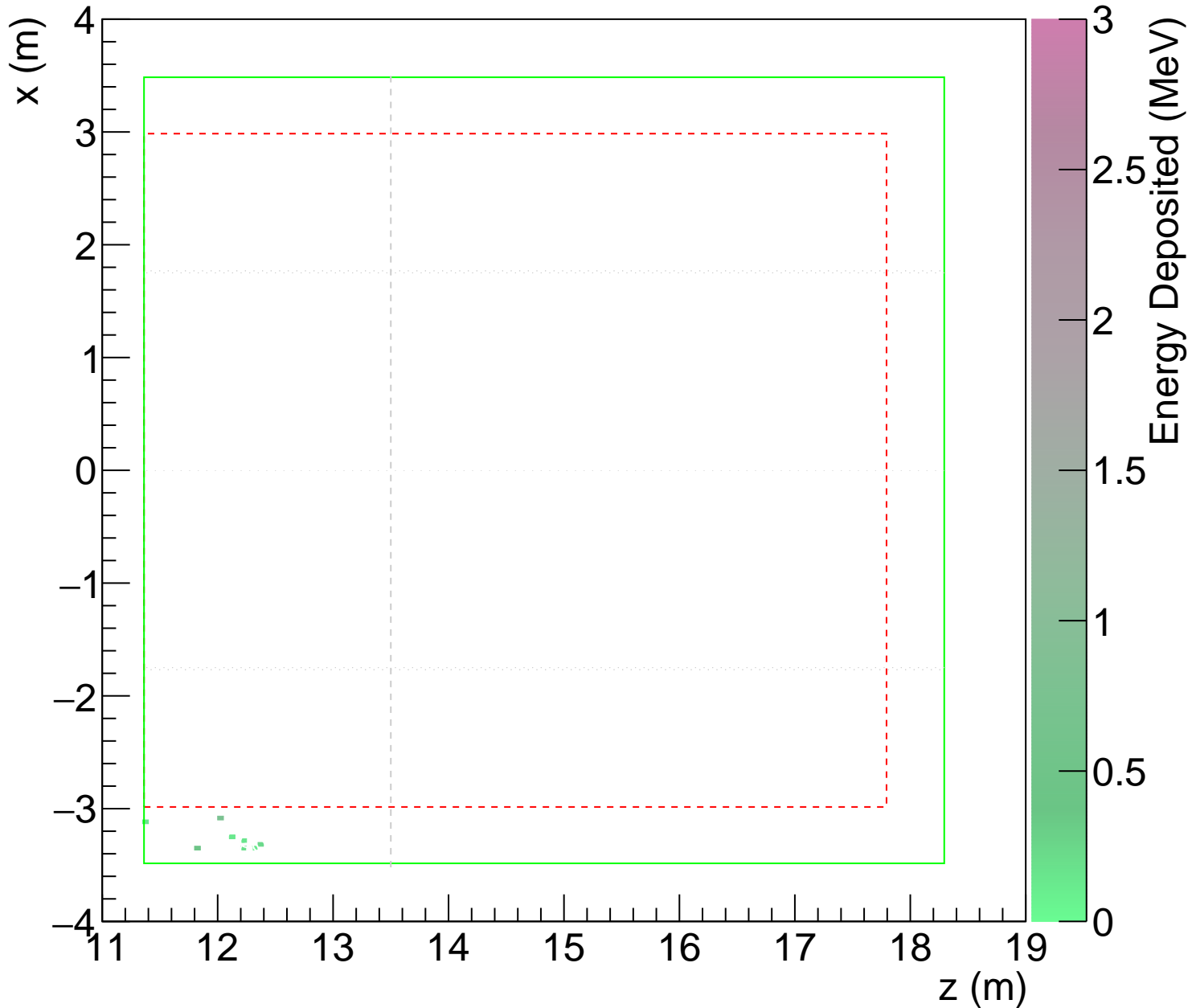


Event 152, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.72$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,

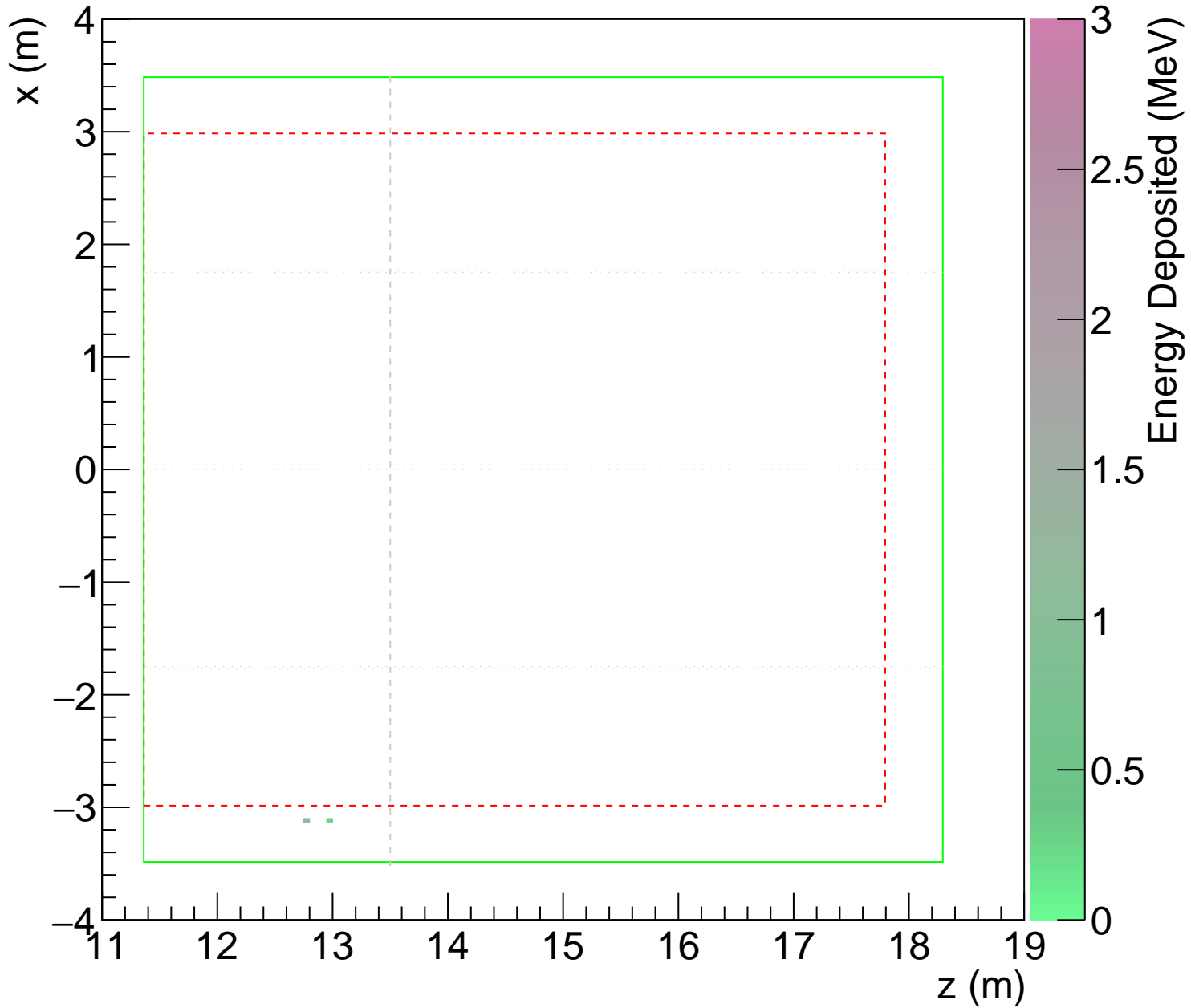


# Event 152 reconstructed

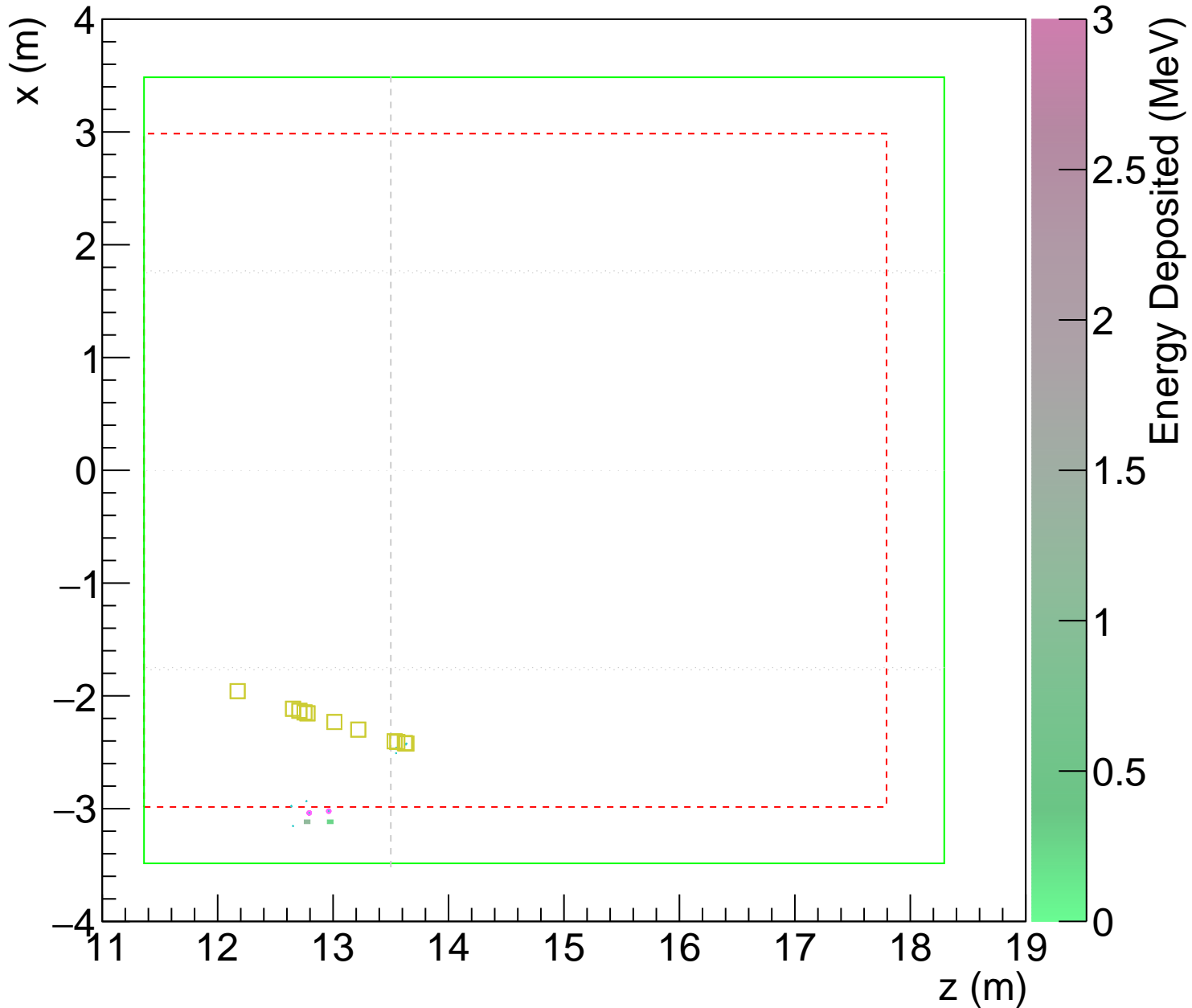
nLines: 0, nClusters: 1



Event 153, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.59$  GeV,  $E_{\mu}^{\text{true}}=1.22$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



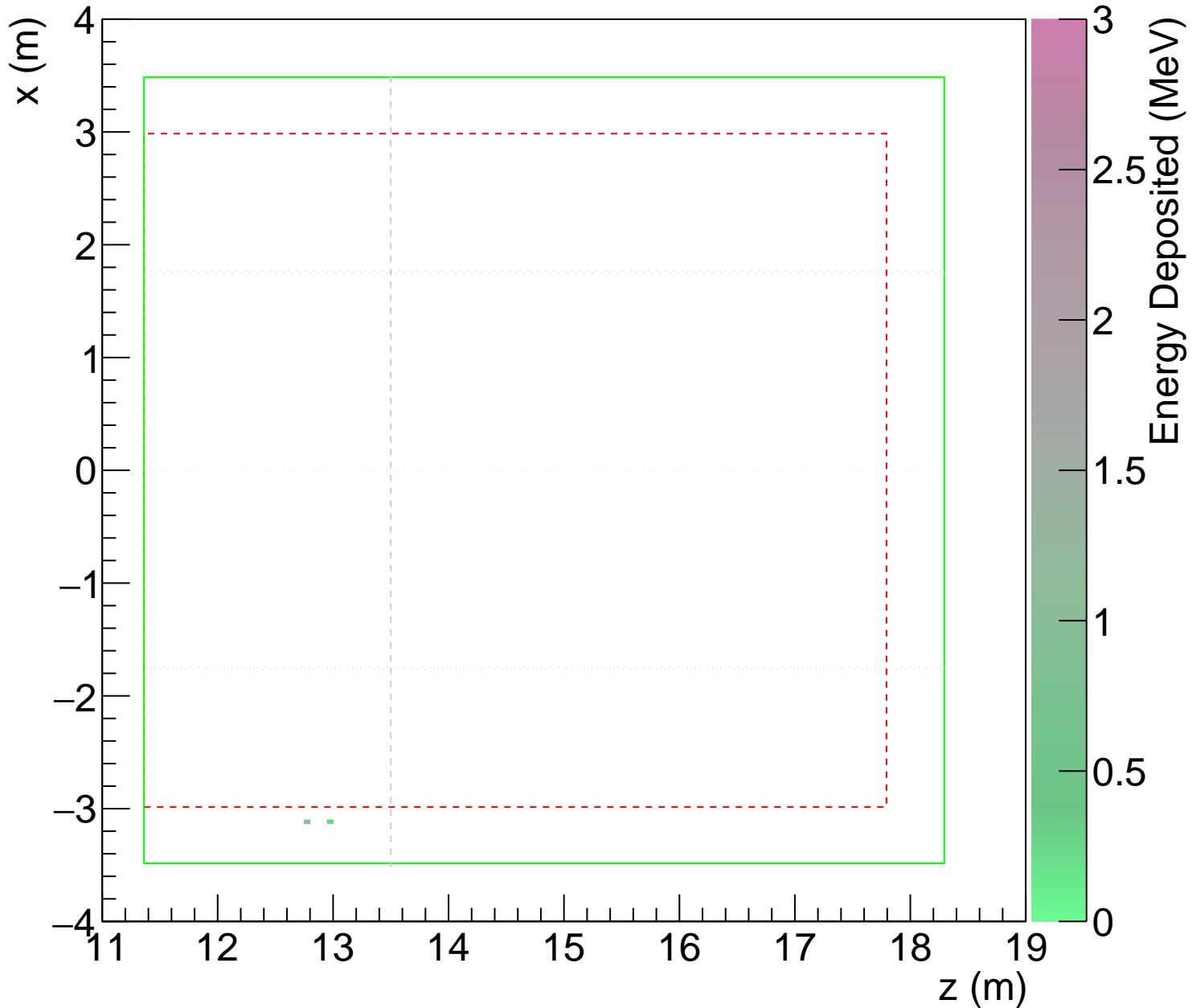
Event 153, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.59$  GeV,  $E_{\mu}^{\text{true}}=1.22$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



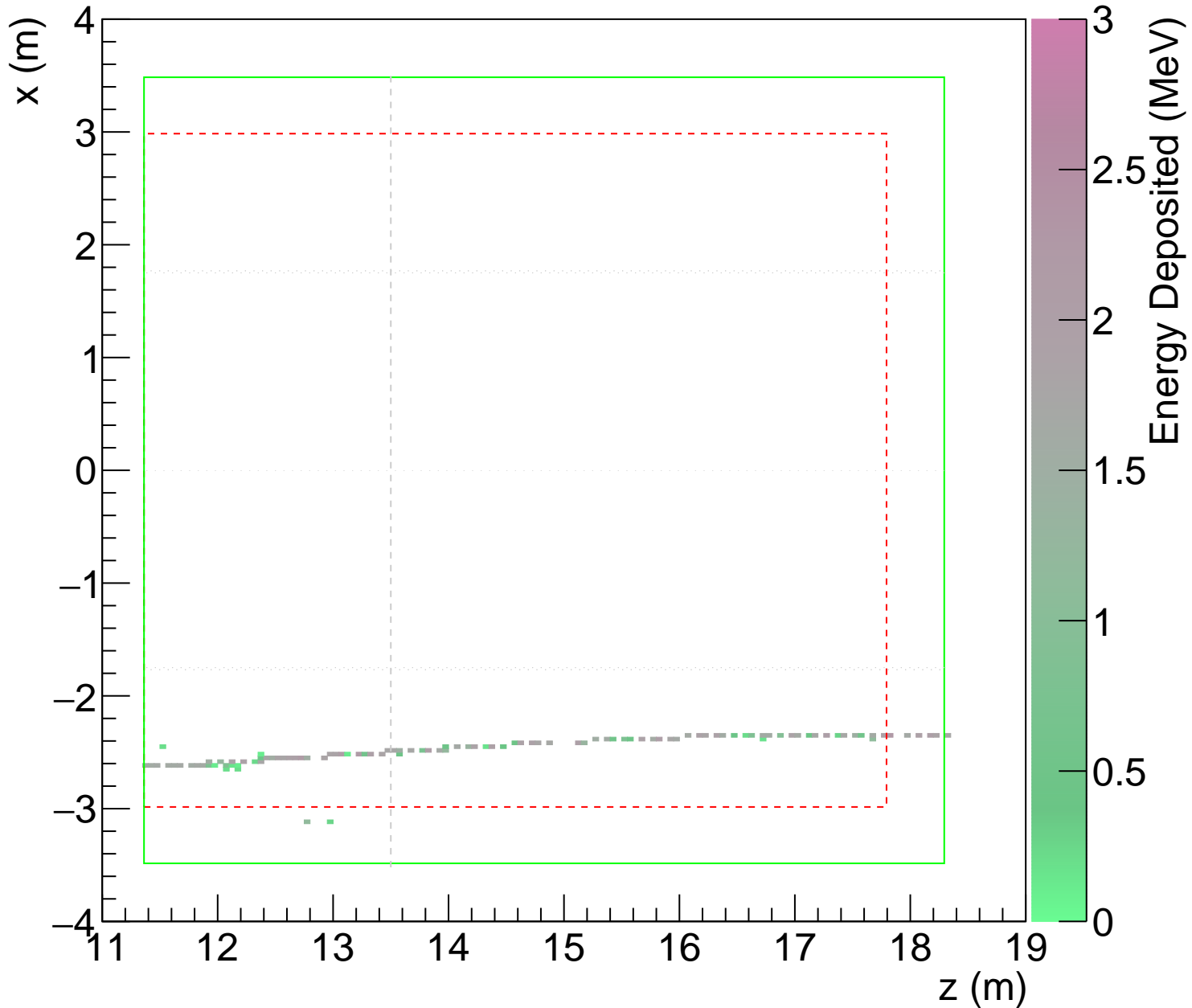


# Event 153 reconstructed

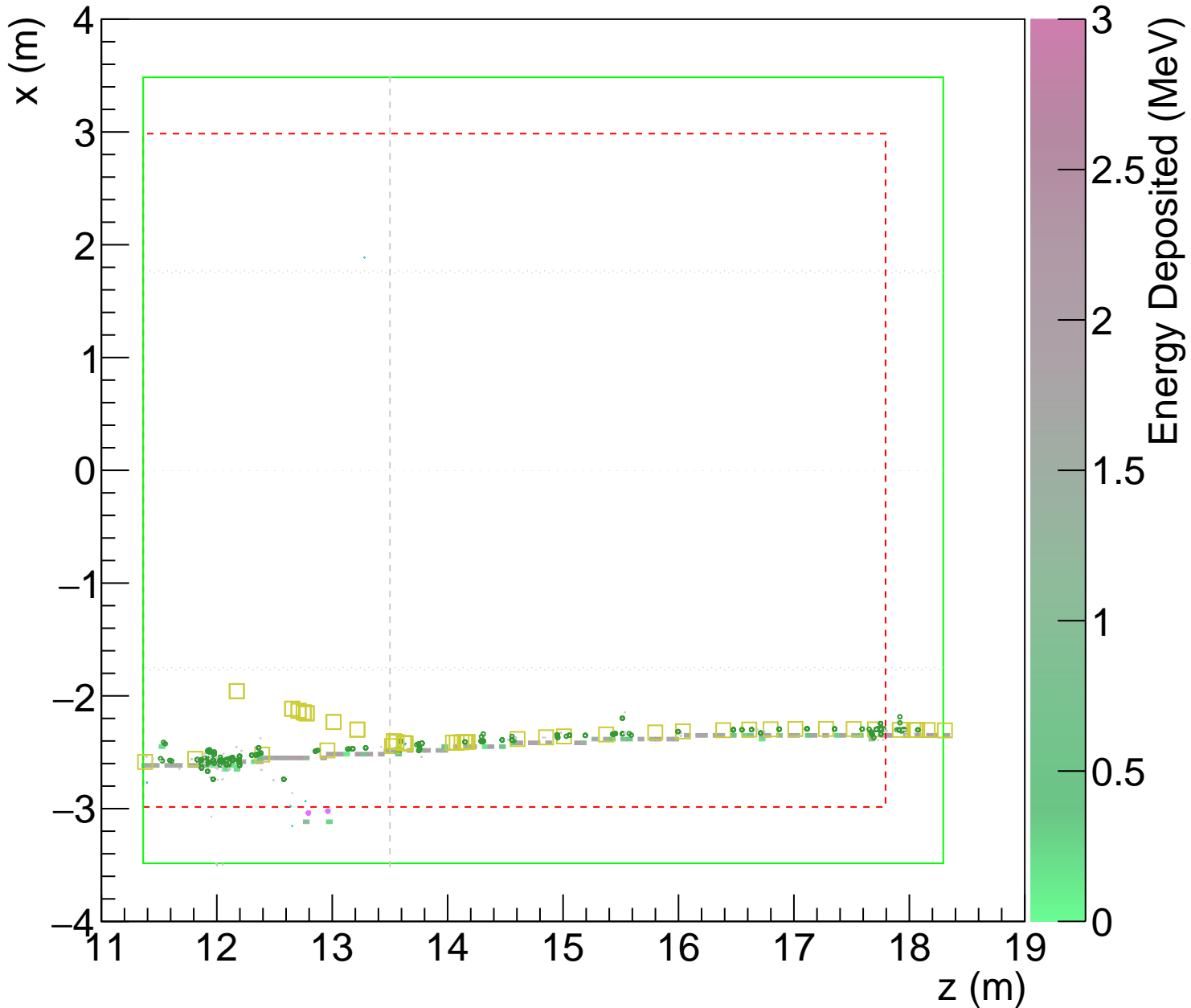
nLines: 0, nClusters: 0



Event 154, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=9.83$  GeV,  $E_{\mu}^{\text{true}}=9.21$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

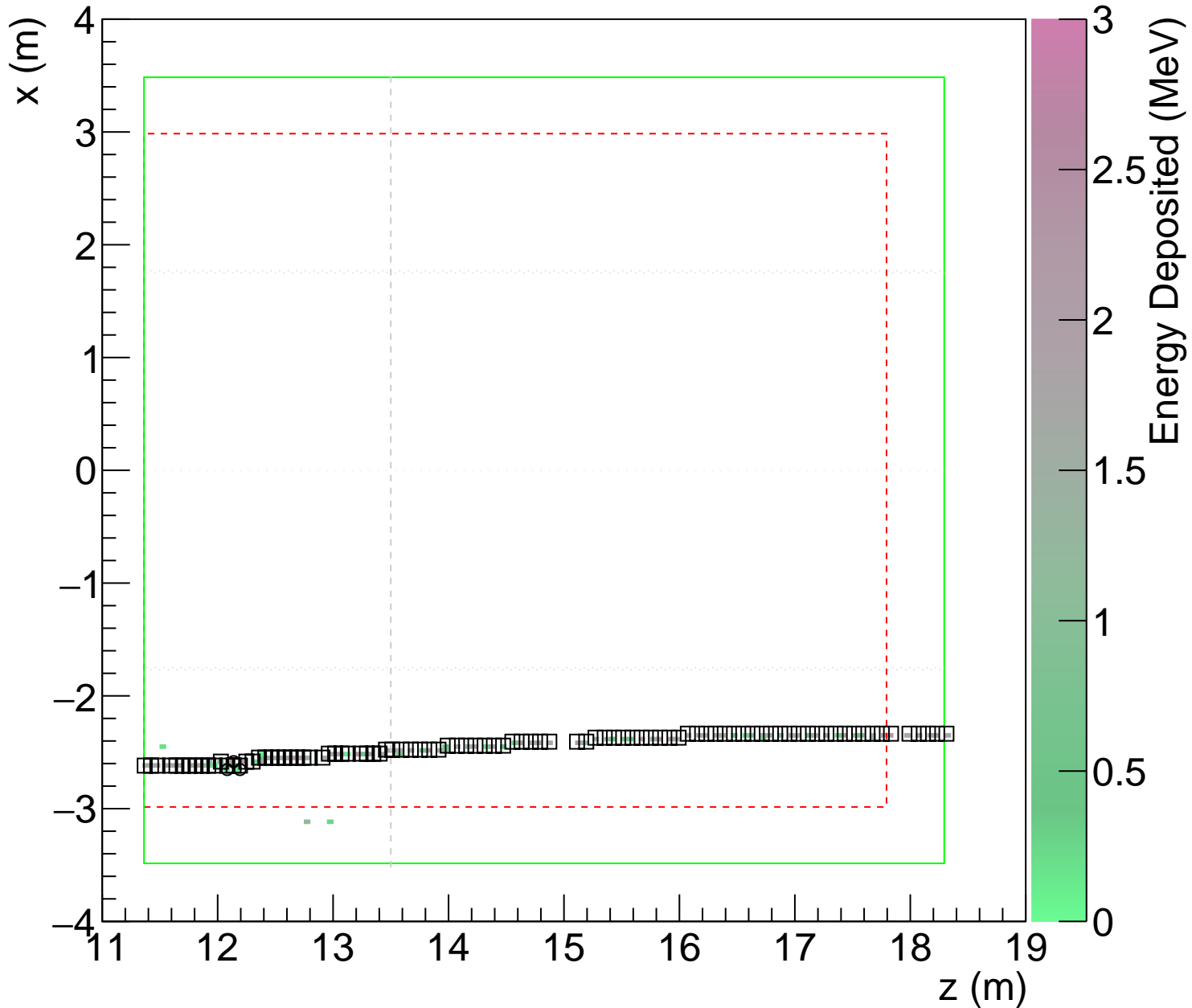


Event 154, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=9.83$  GeV,  $E_{\mu}^{\text{true}}=9.21$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

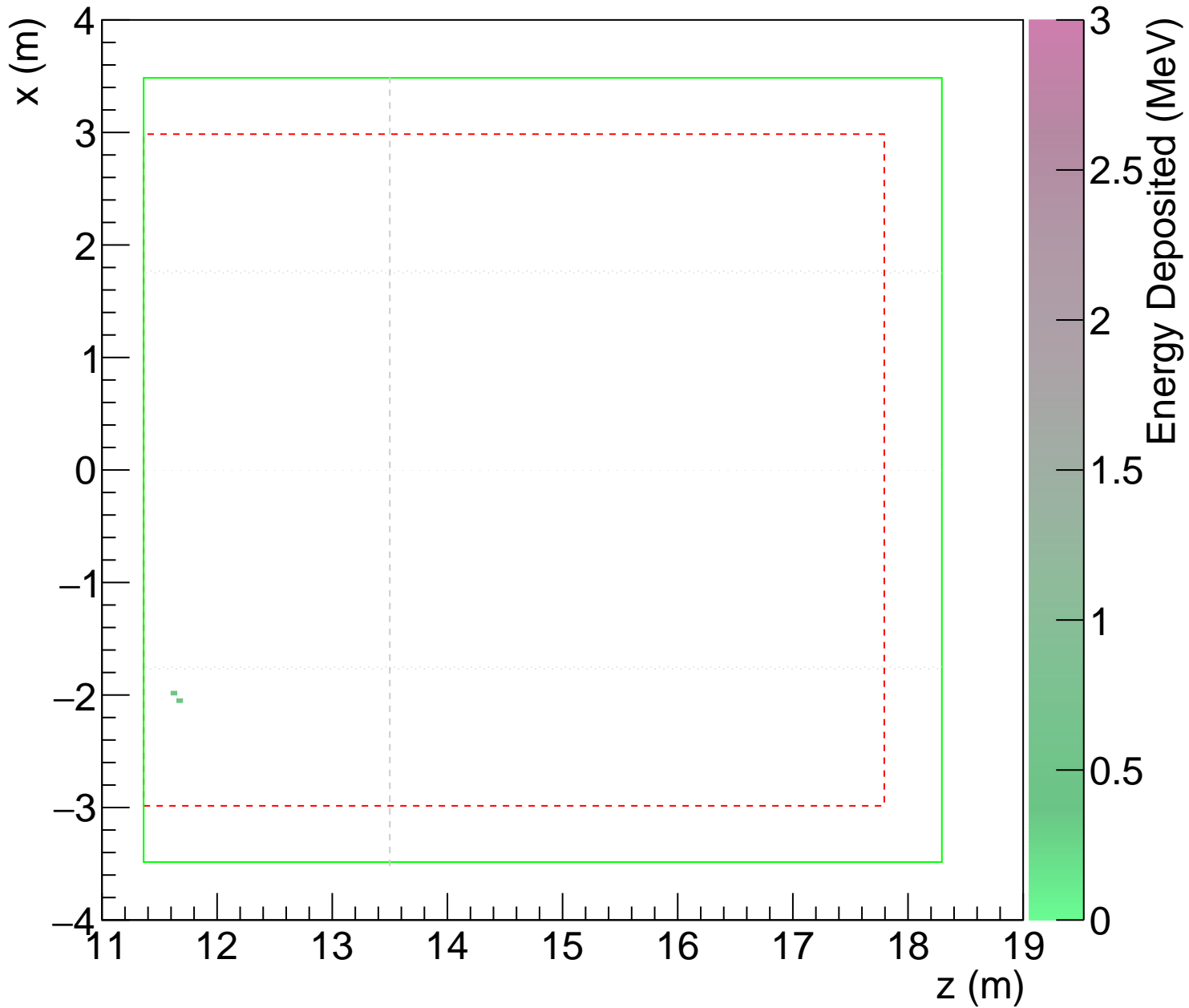


# Event 154 reconstructed

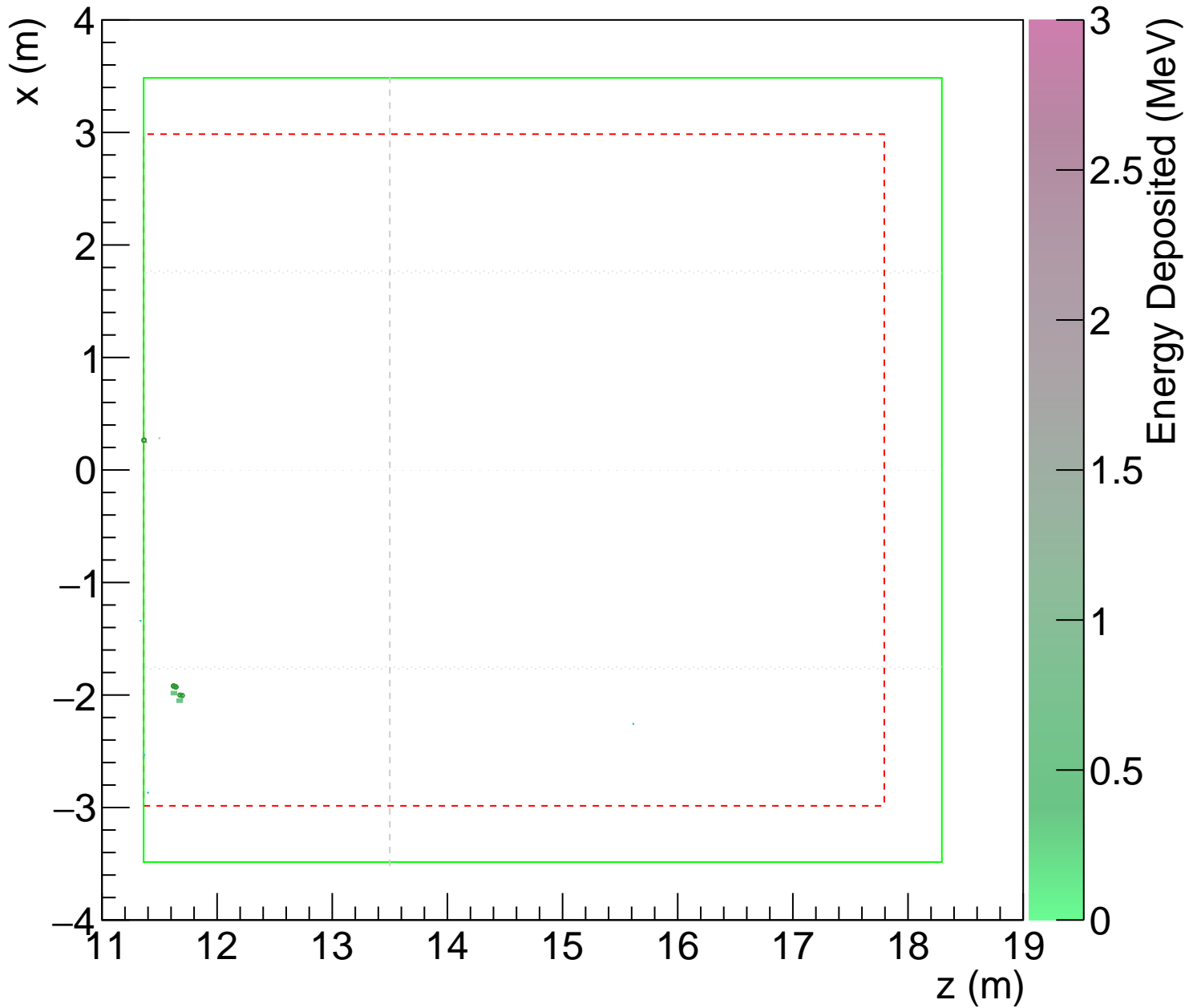
nLines: 1, nClusters: 1



Event 157, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=13.10$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

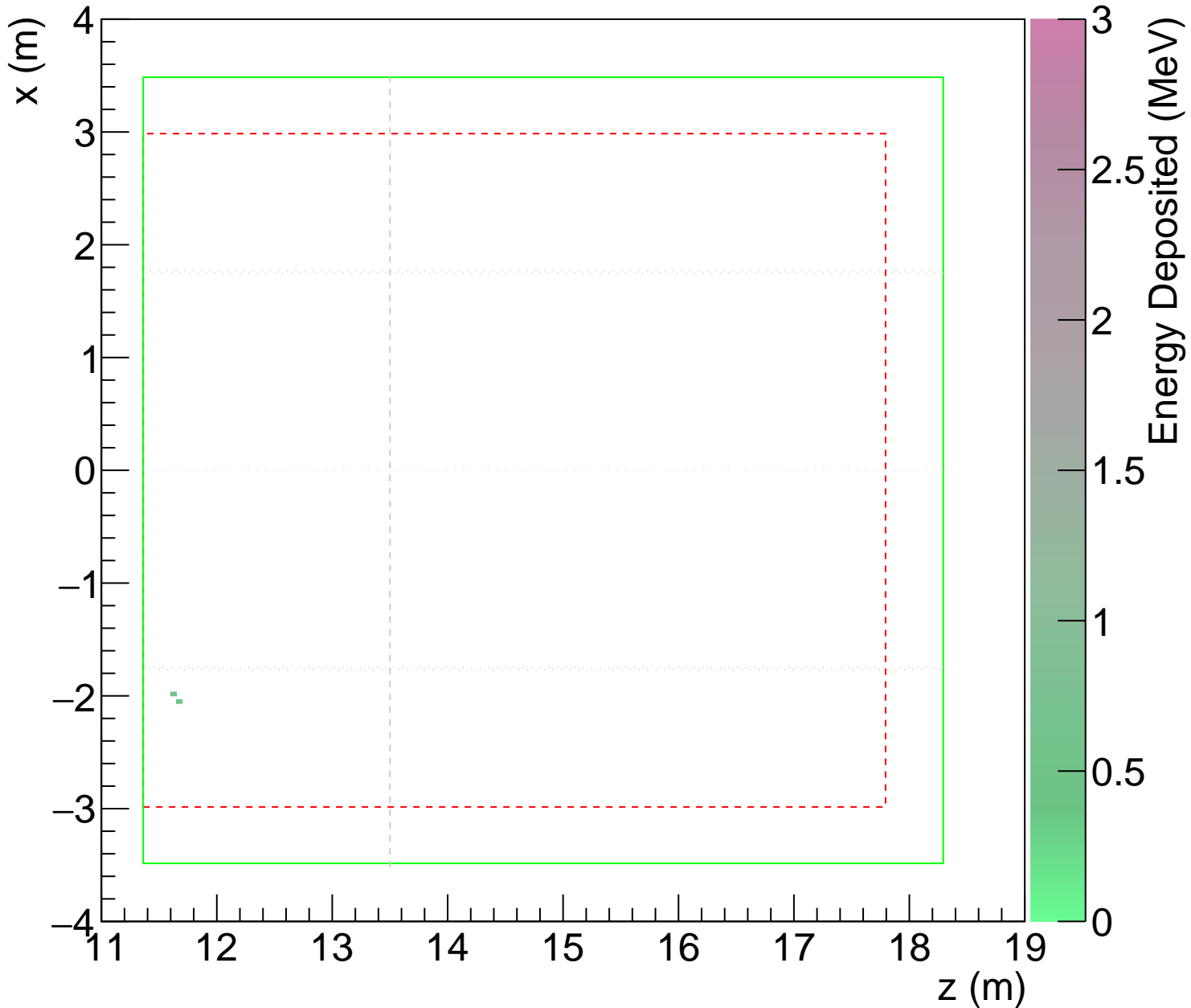


Event 157, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=13.10$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

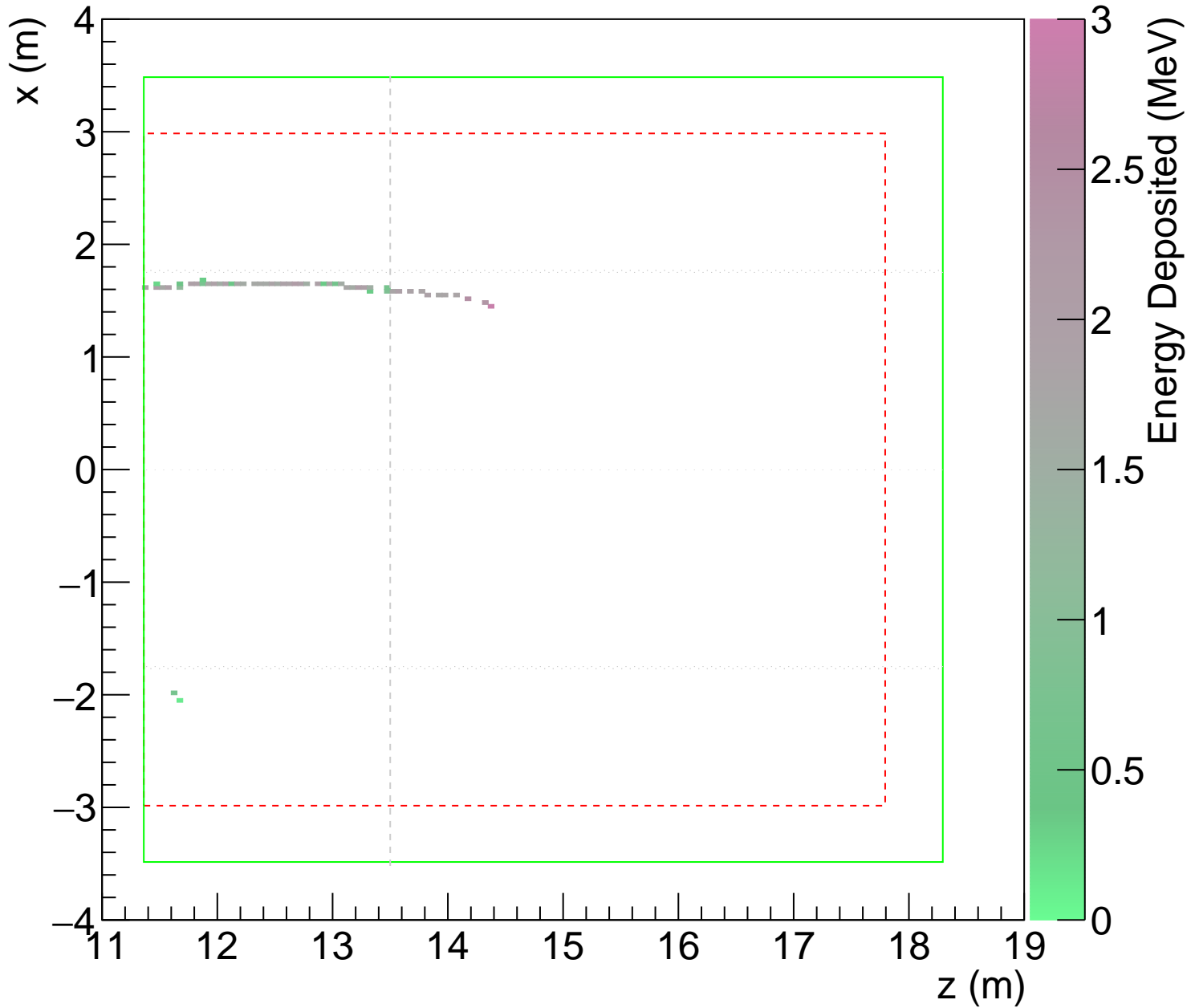


# Event 157 reconstructed

nLines: 0, nClusters: 0

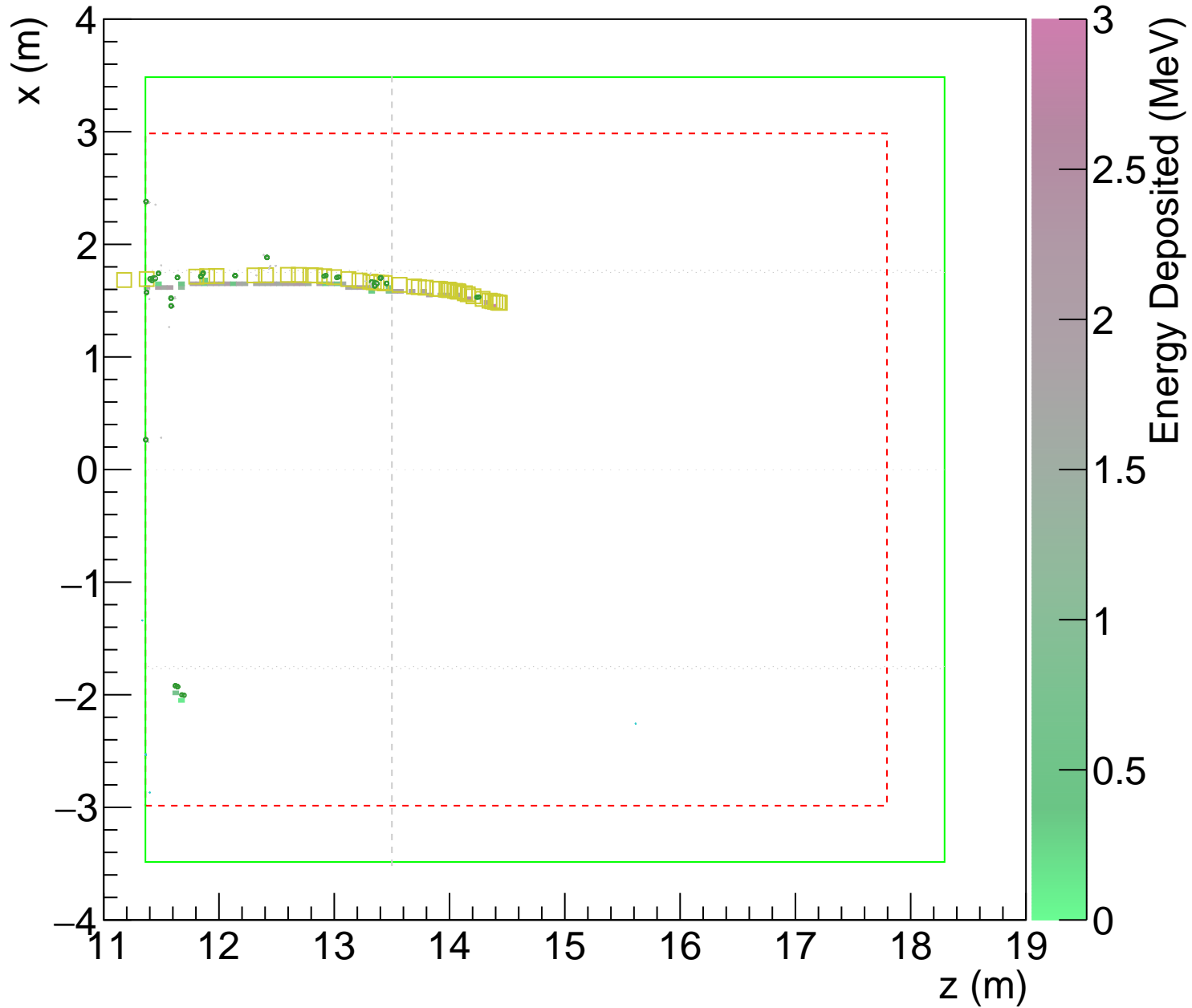


Event 158, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.98$  GeV,  $E_{\mu}^{\text{true}}=2.94$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



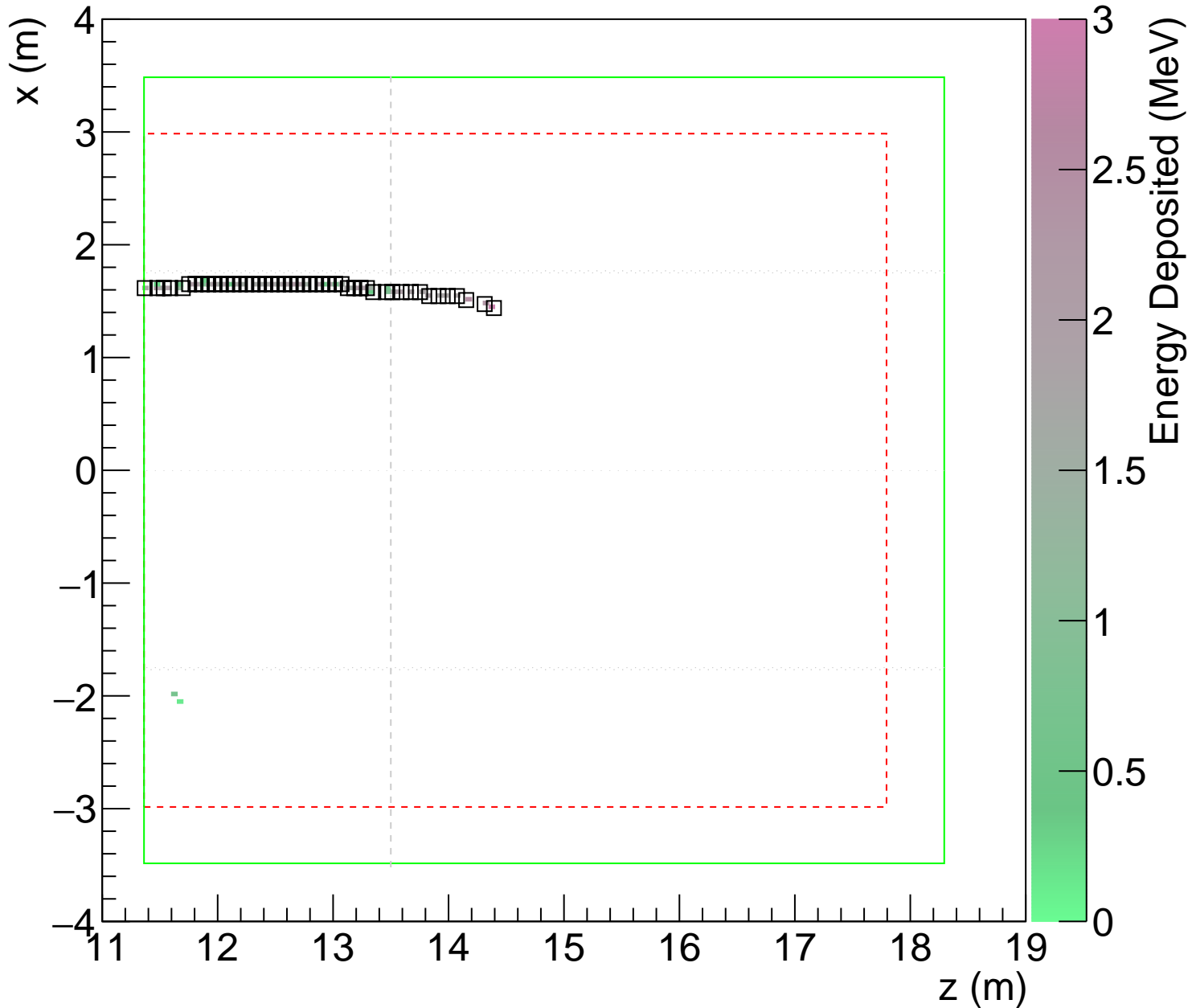


Event 158, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.98$  GeV,  $E_{\mu}^{\text{true}}=2.94$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

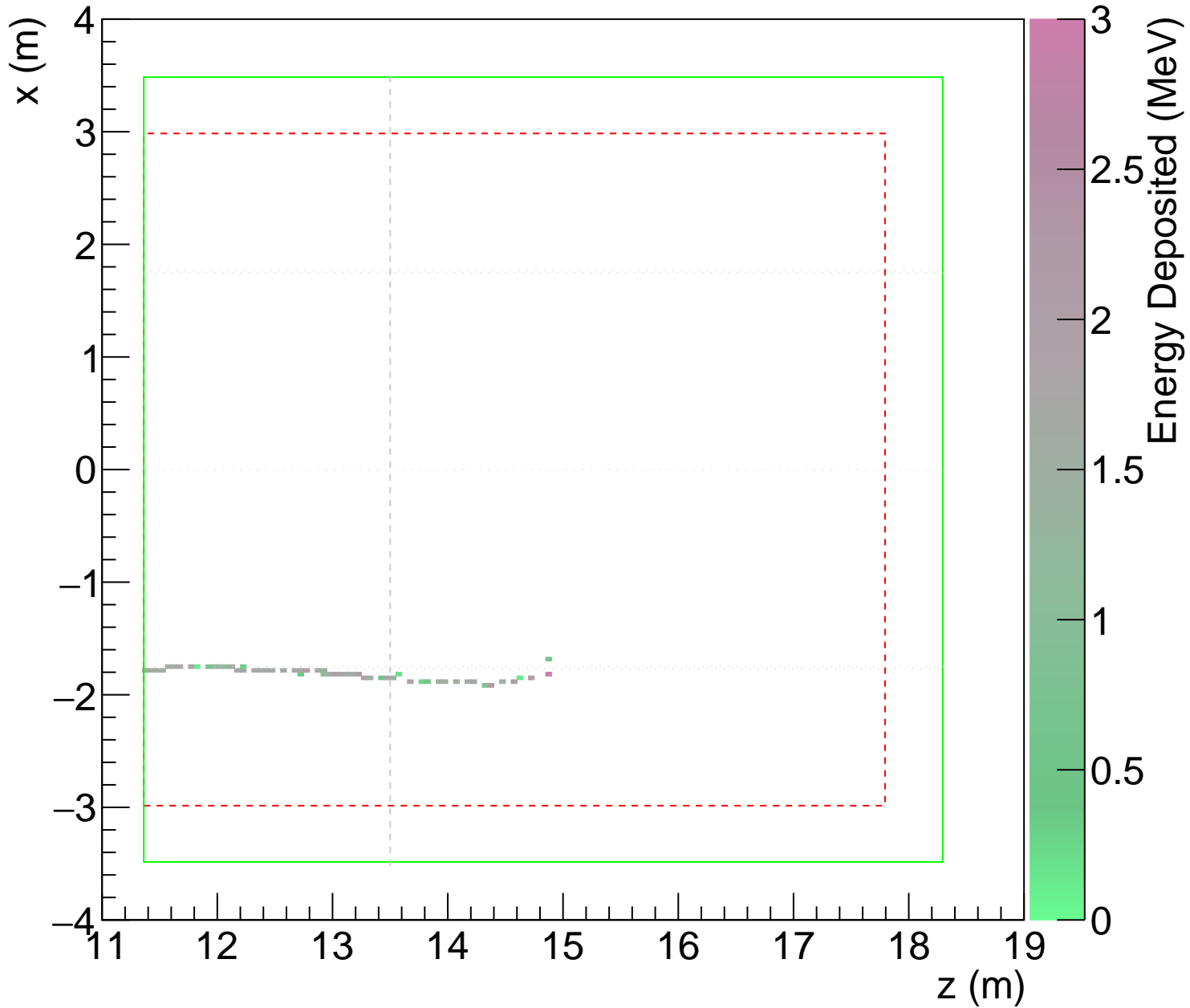


# Event 158 reconstructed

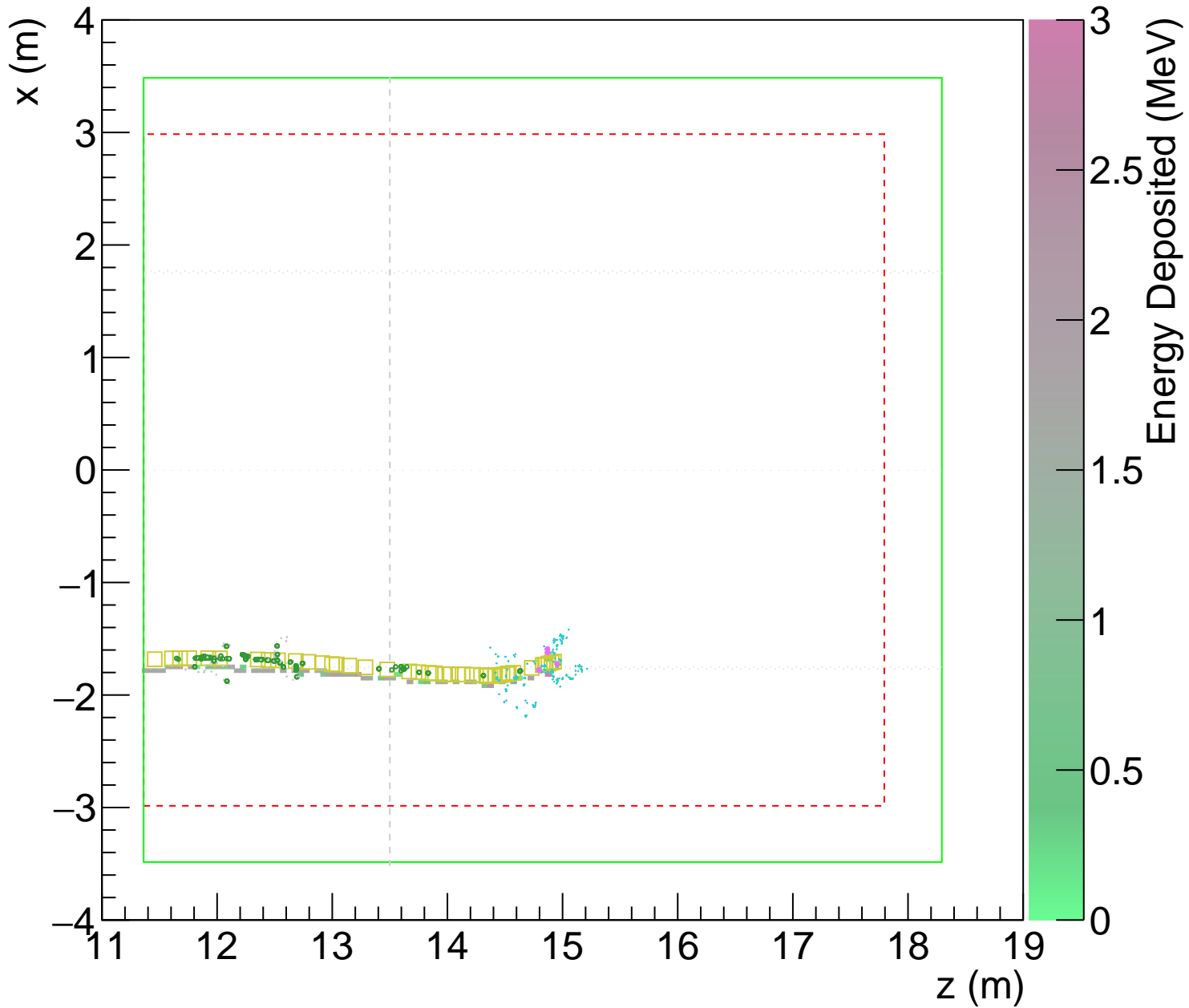
nLines: 1, nClusters: 0



Event 161, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.95$  GeV,  $E_{\mu}^{\text{true}}=2.53$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

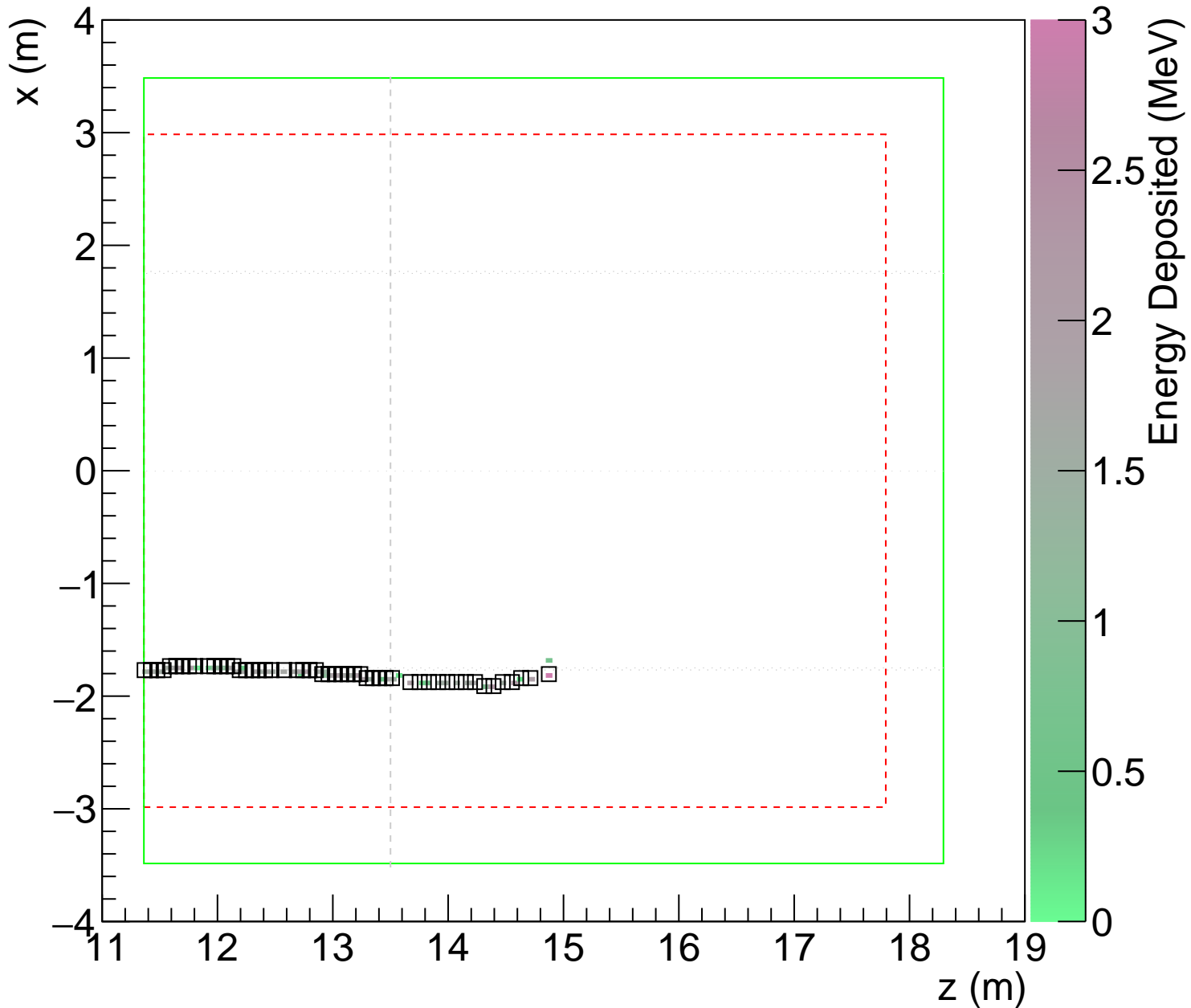


Event 161, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.95$  GeV,  $E_{\mu}^{\text{true}}=2.53$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

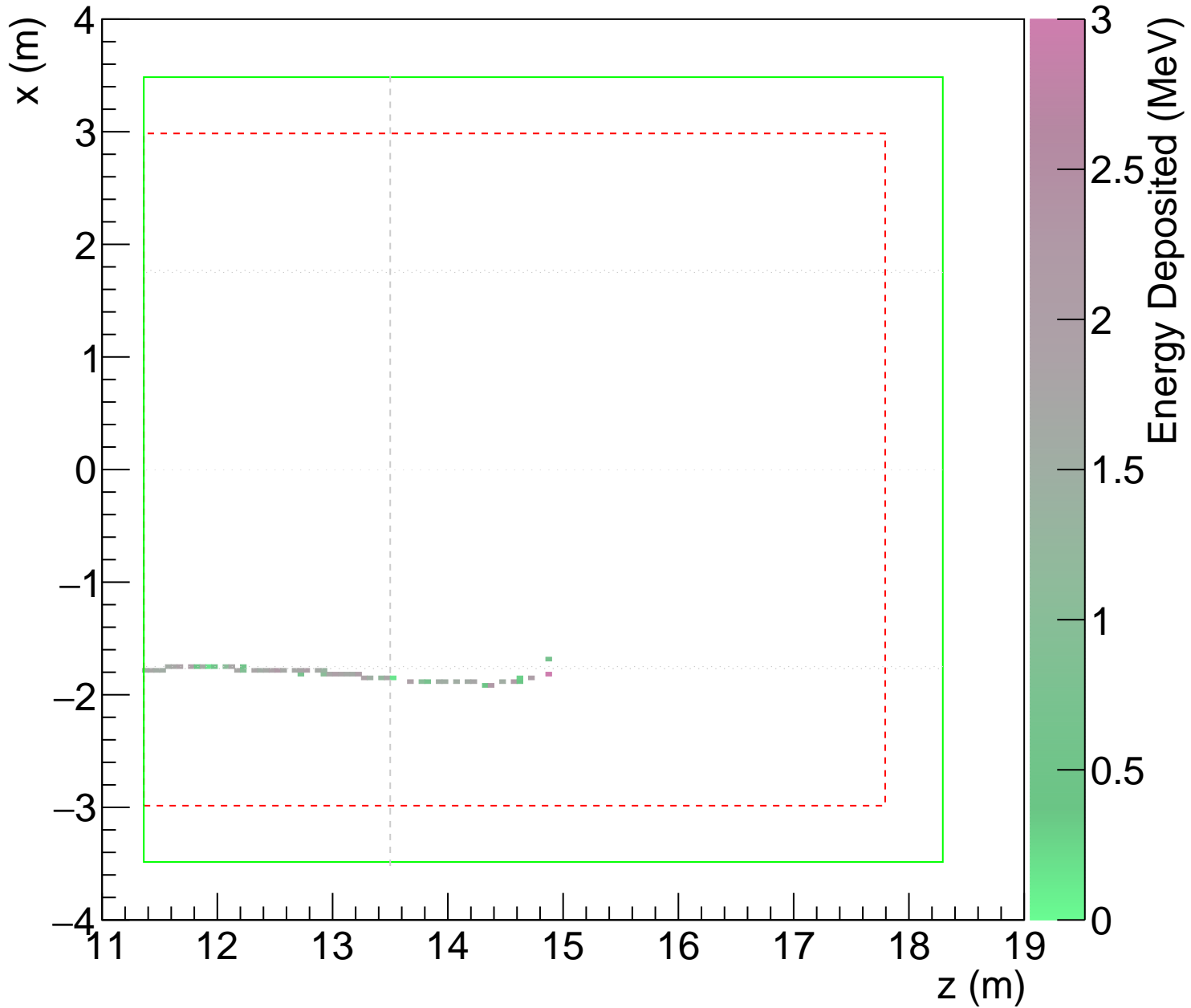


# Event 161 reconstructed

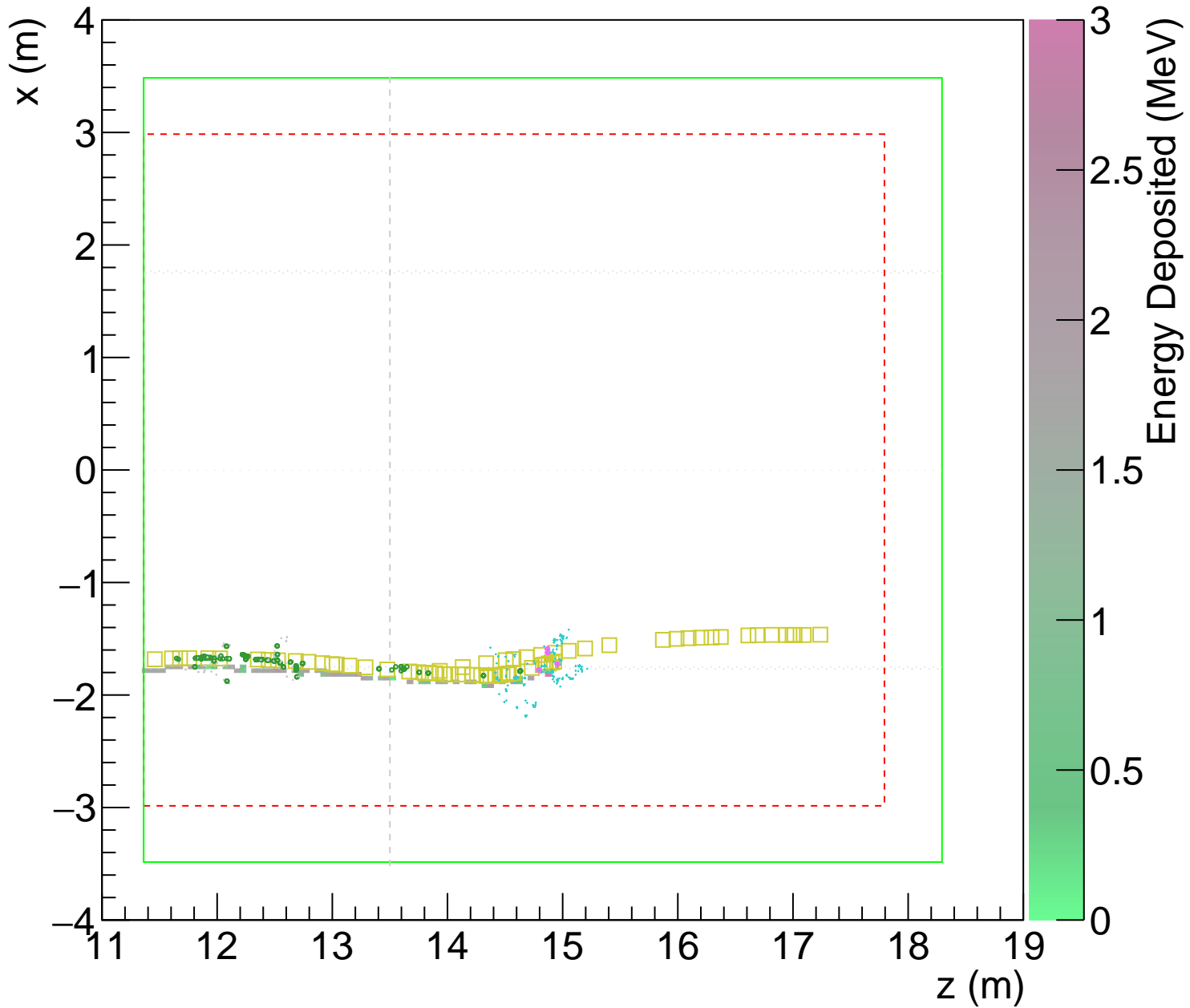
nLines: 1, nClusters: 0



Event 162, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.83$  GeV,  $E_{\mu}^{\text{true}}=3.32$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

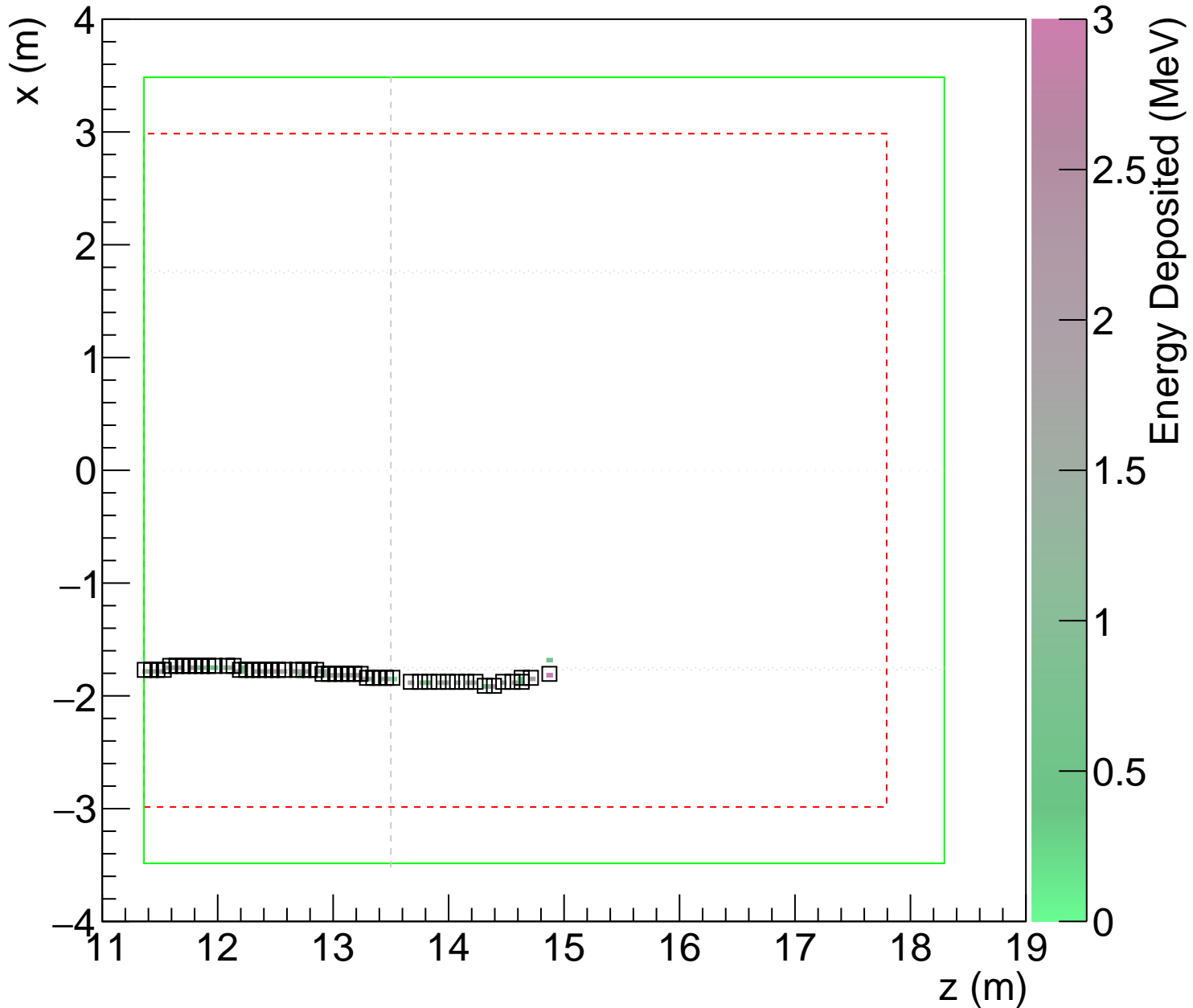


Event 162, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.83$  GeV,  $E_{\mu}^{\text{true}}=3.32$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,



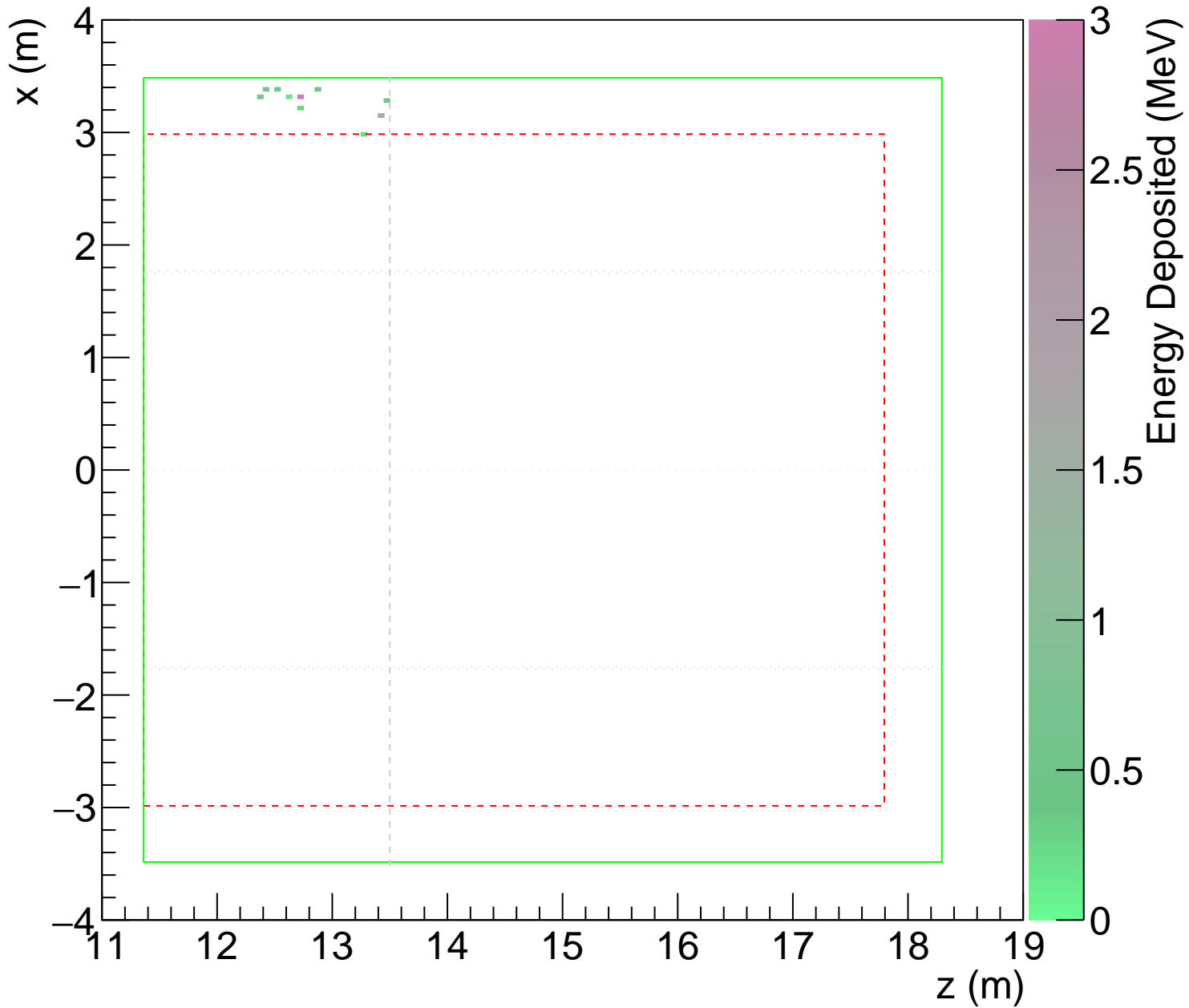
# Event 162 reconstructed

nLines: 1, nClusters: 0

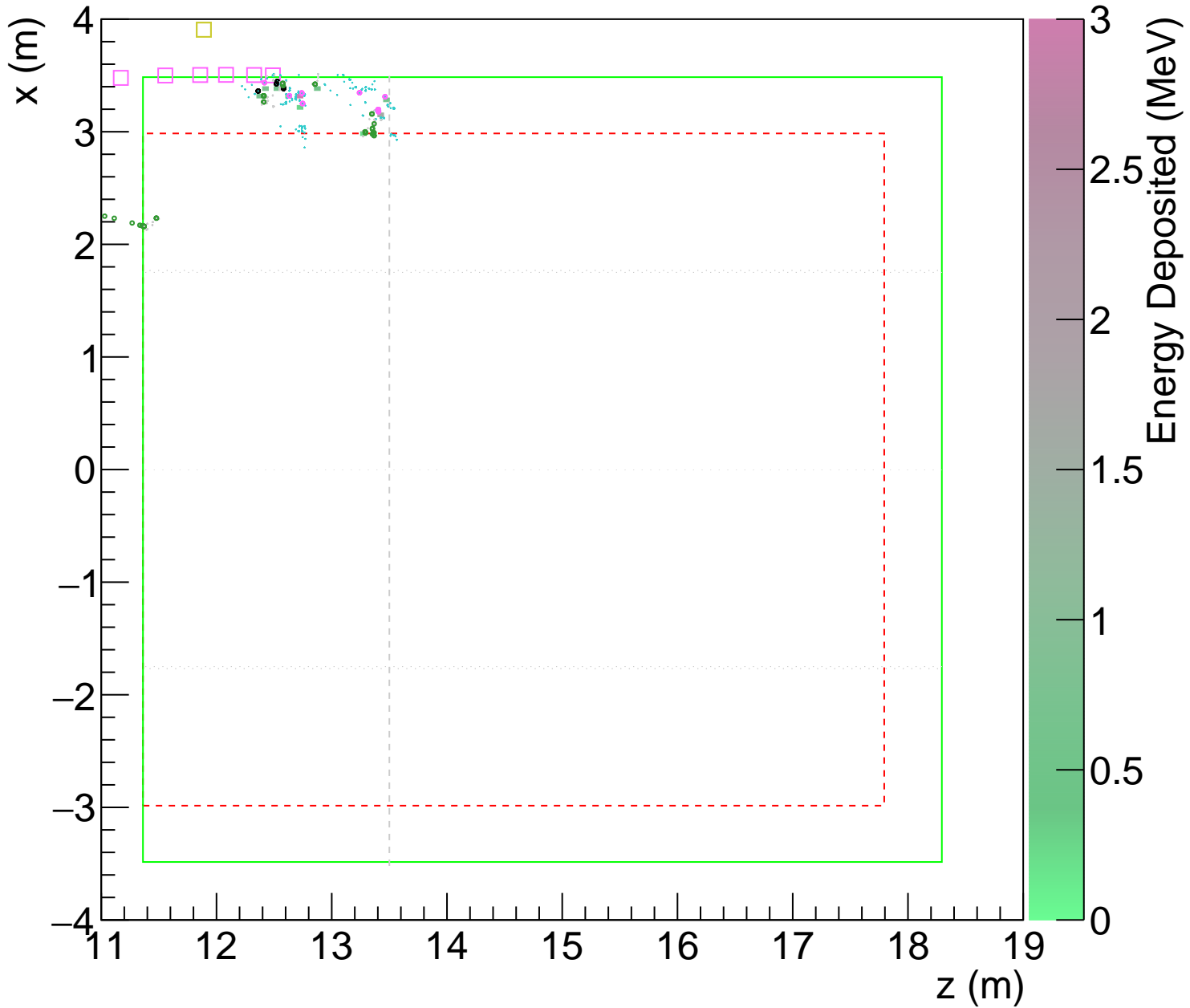




Event 163, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.35$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

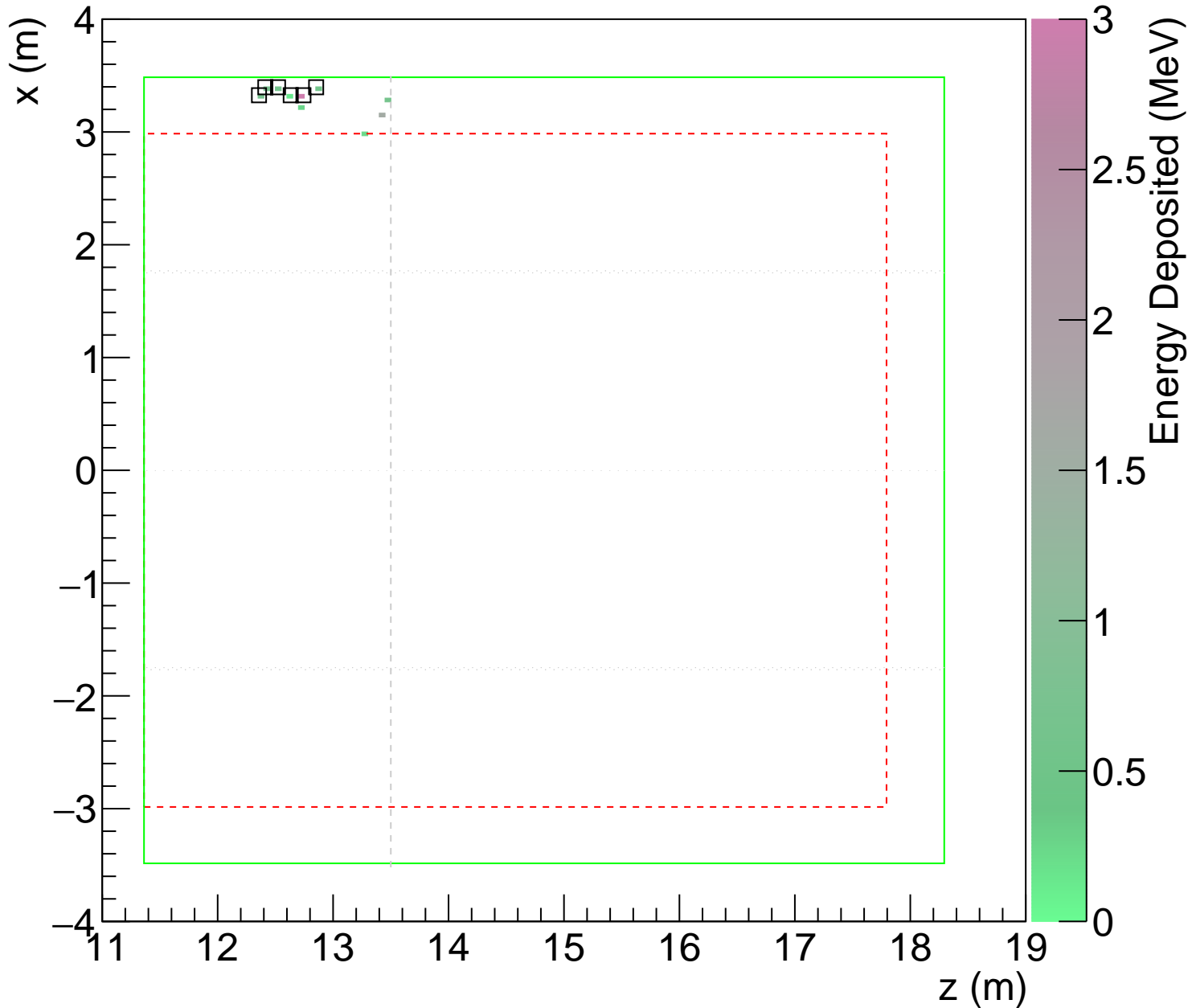


Event 163, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.35$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

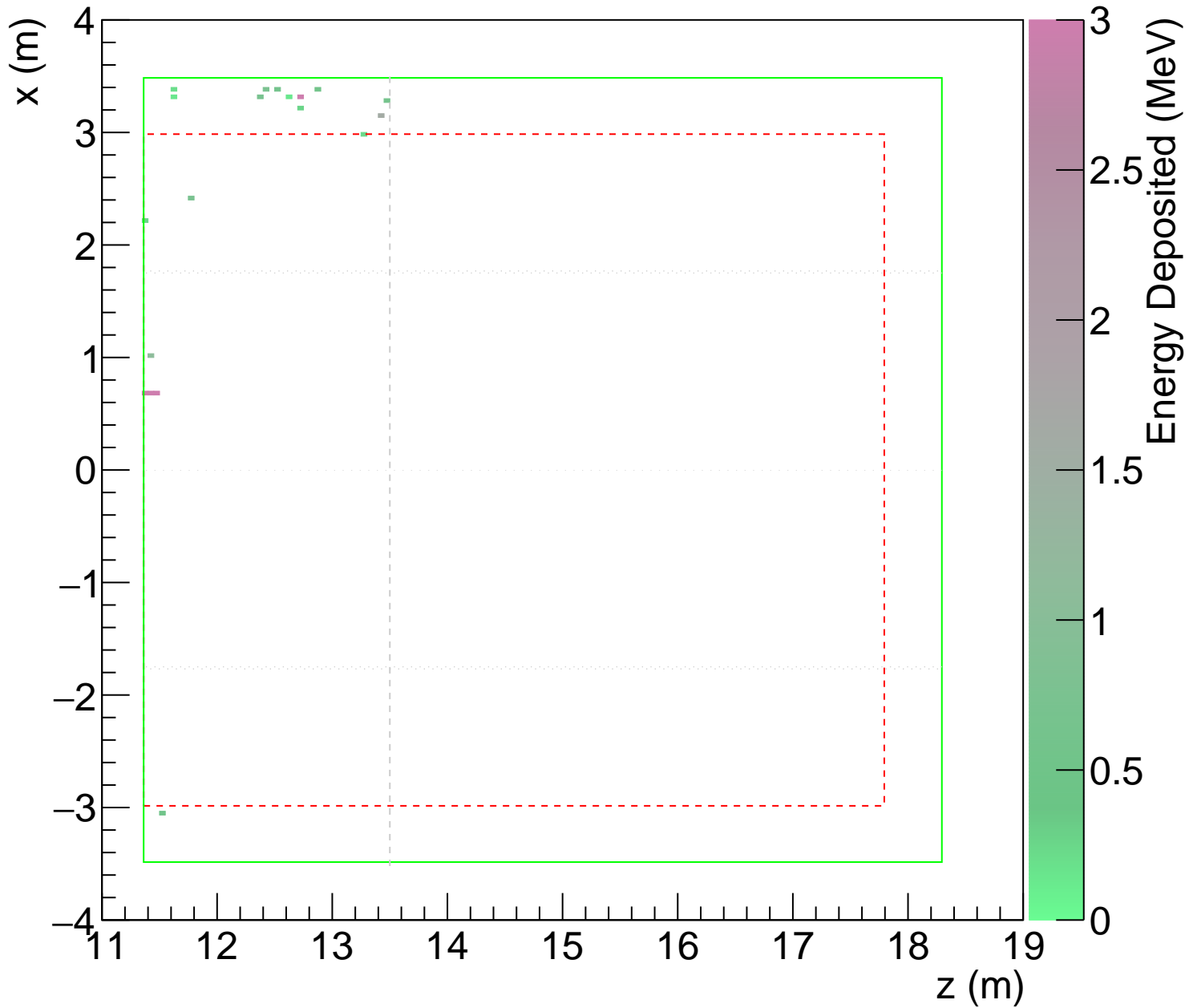


# Event 163 reconstructed

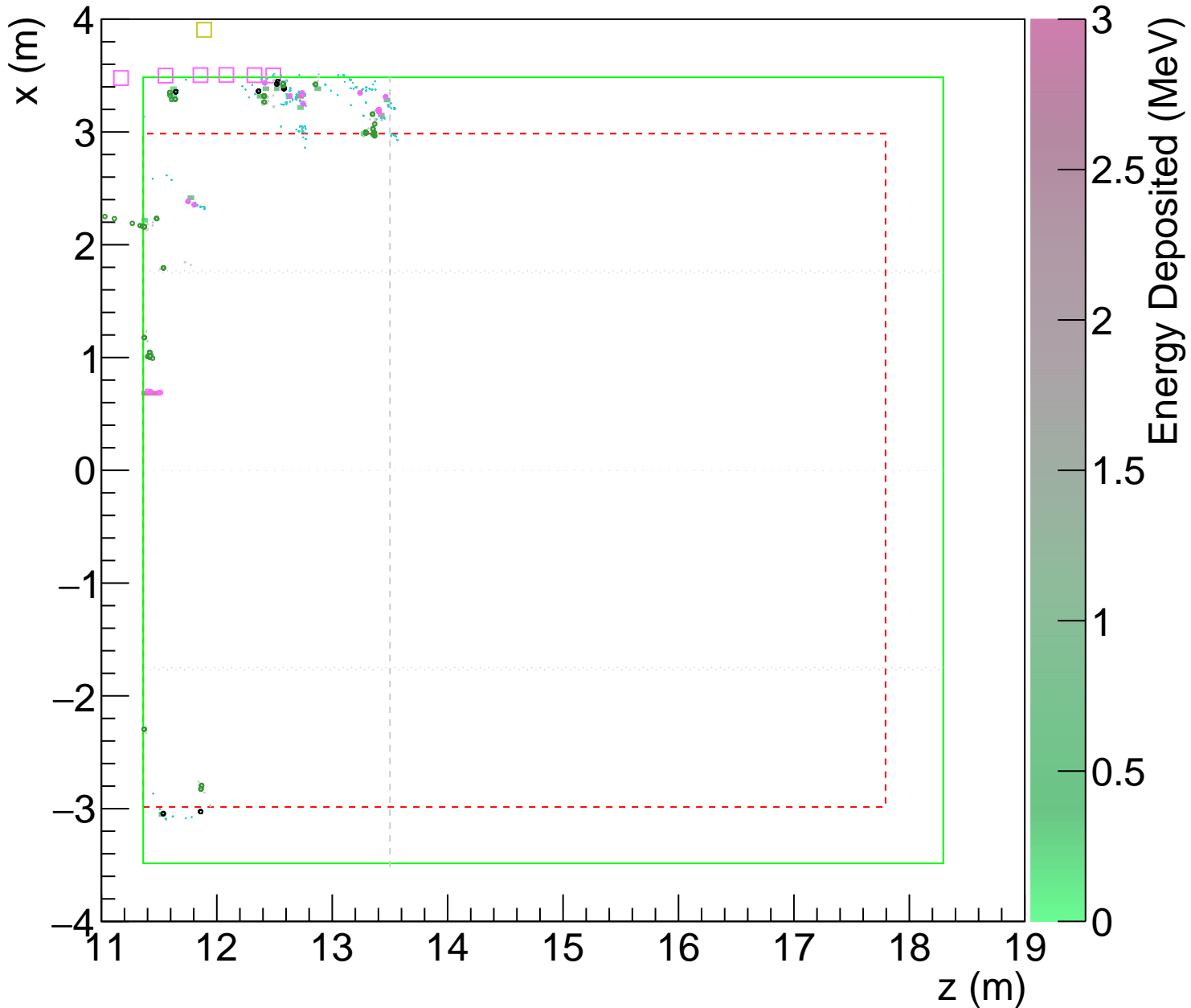
nLines: 1, nClusters: 0



Event 164, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=33.60$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:12,tgt:1000180400,N:2112,q:1(s),proc:Weak[NC],DIS,

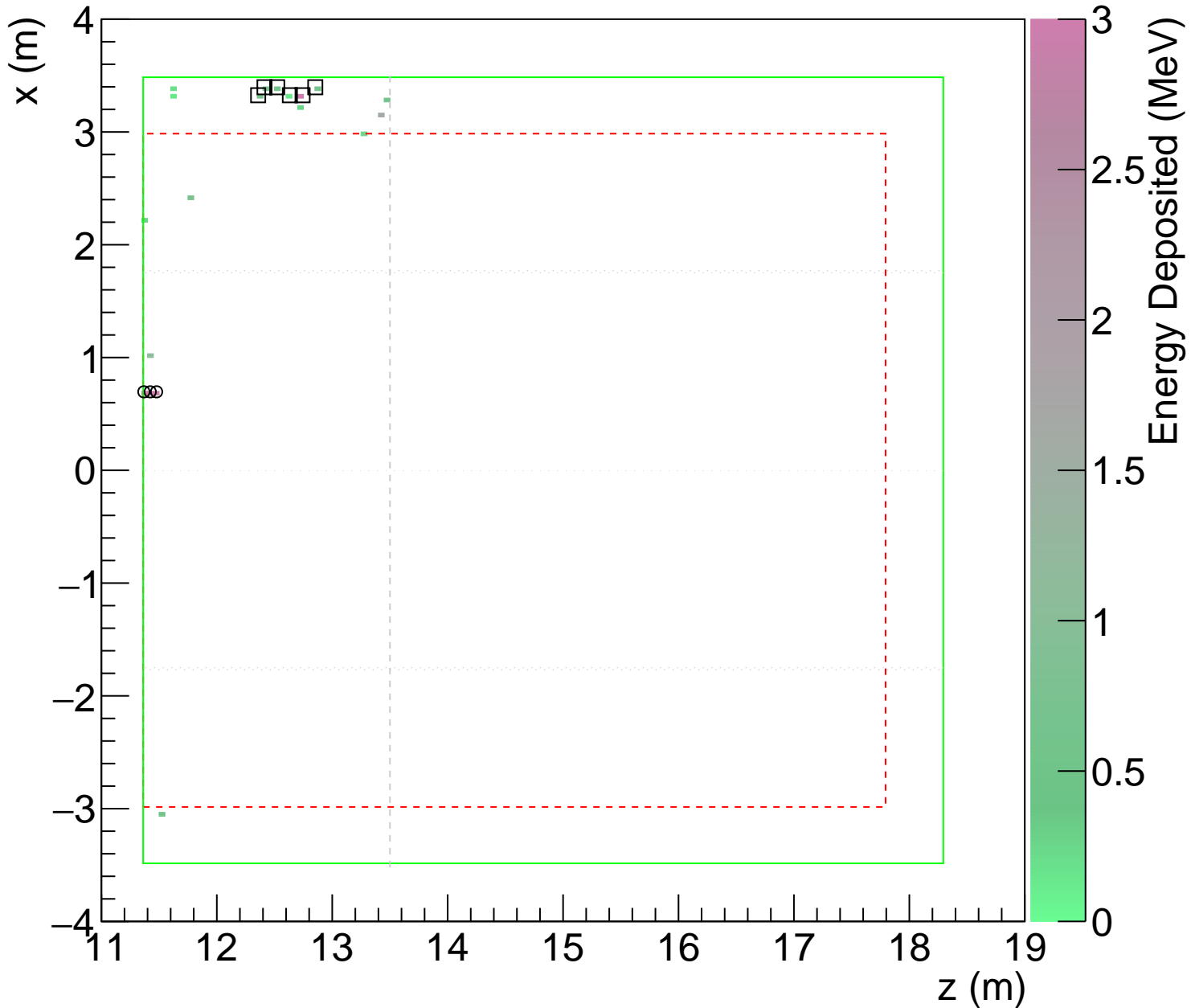


Event 164, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=33.60$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:12,tgt:1000180400,N:2112,q:1(s),proc:Weak[NC],DIS,

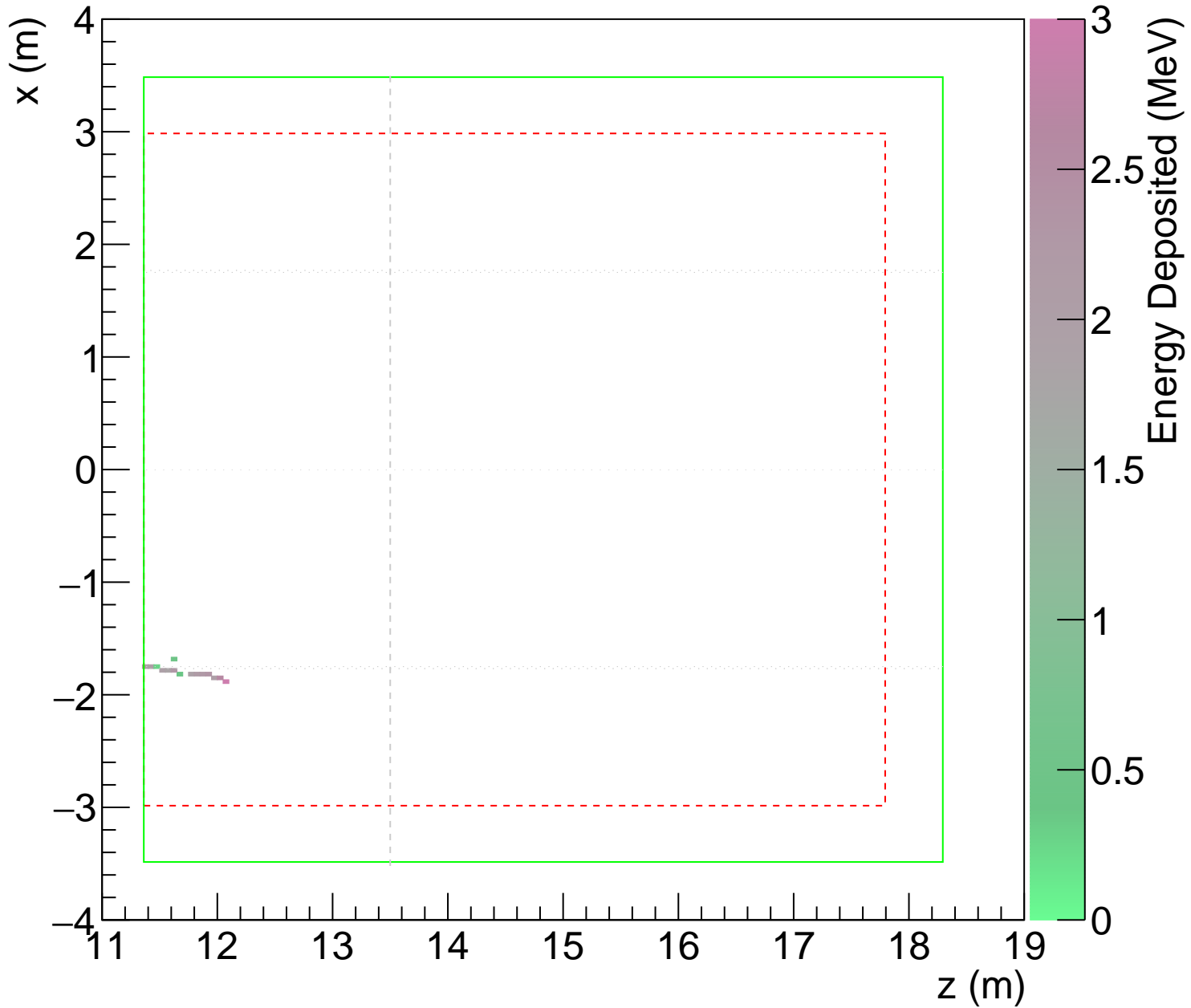


# Event 164 reconstructed

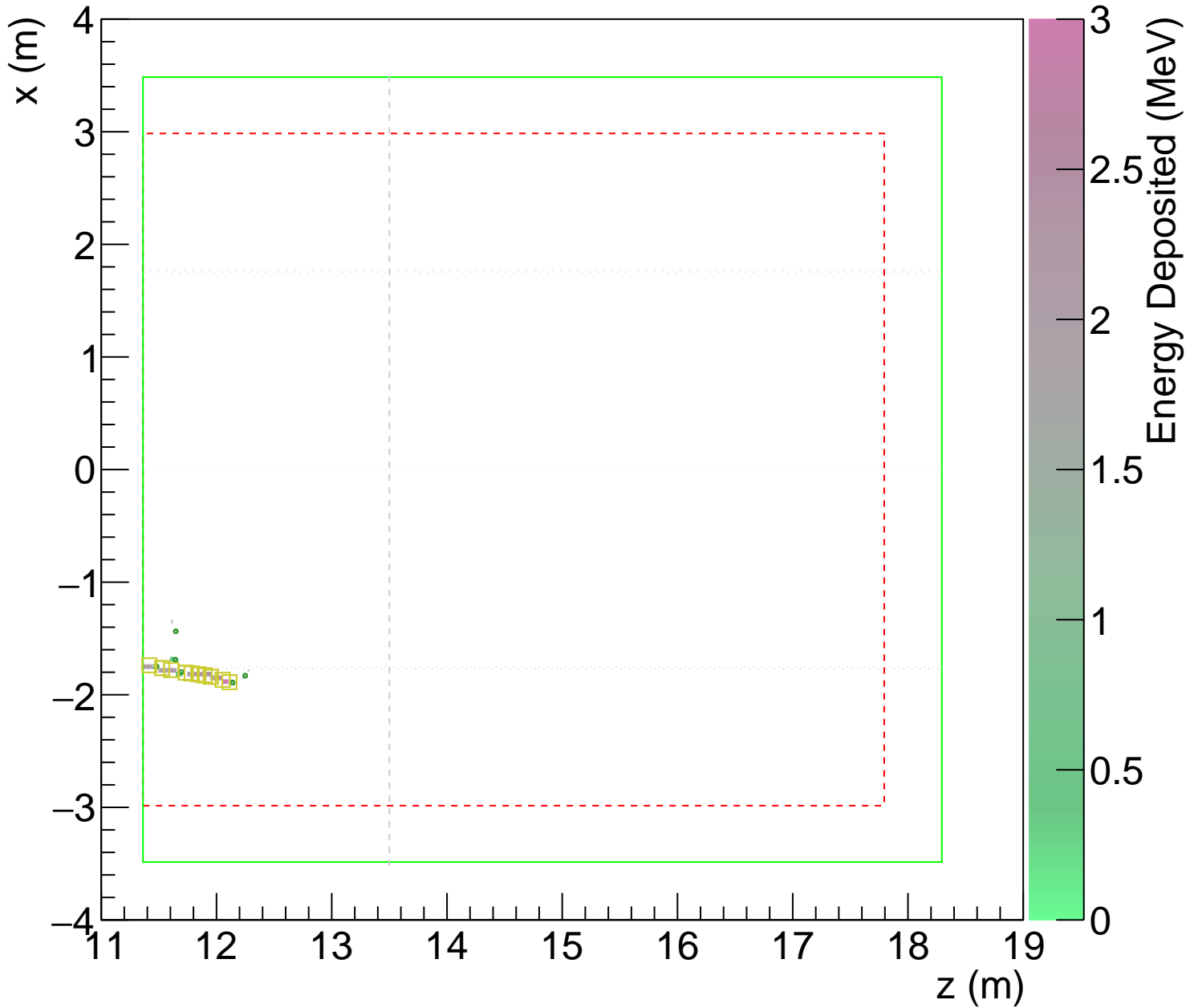
nLines: 1, nClusters: 1



Event 167, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.81$  GeV,  $E_{\mu}^{\text{true}}=1.73$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



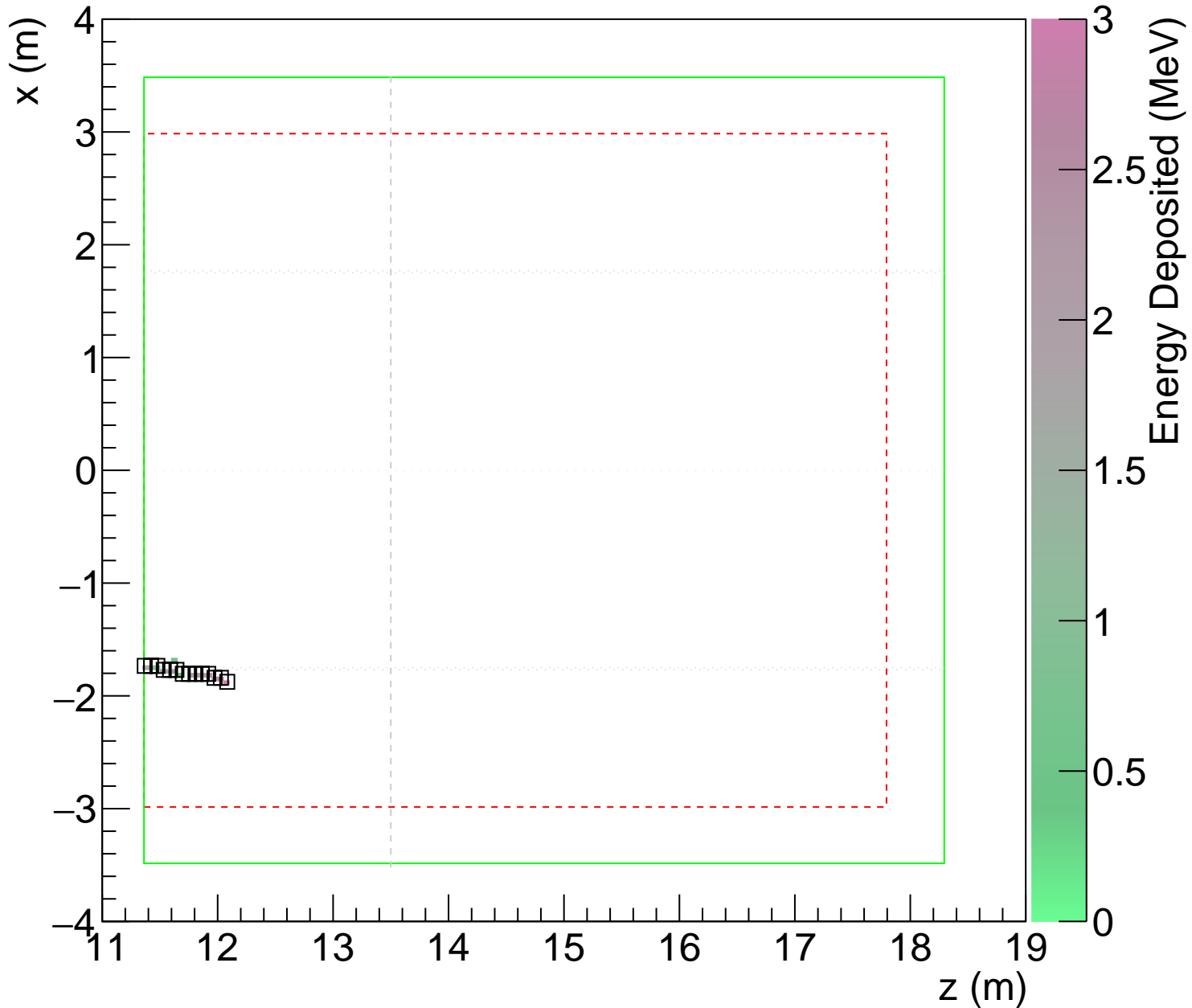
Event 167, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.81$  GeV,  $E_{\mu}^{\text{true}}=1.73$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



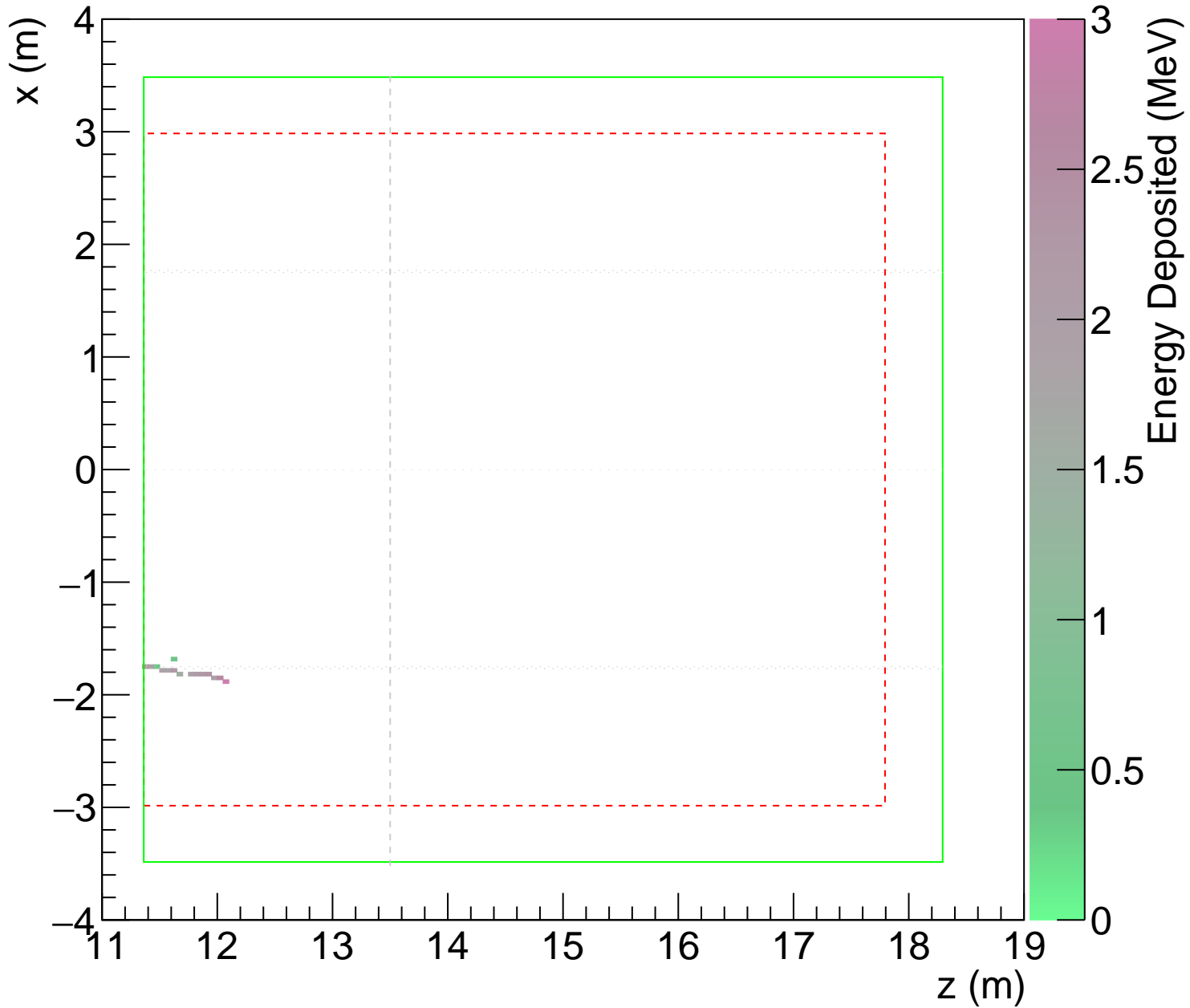


# Event 167 reconstructed

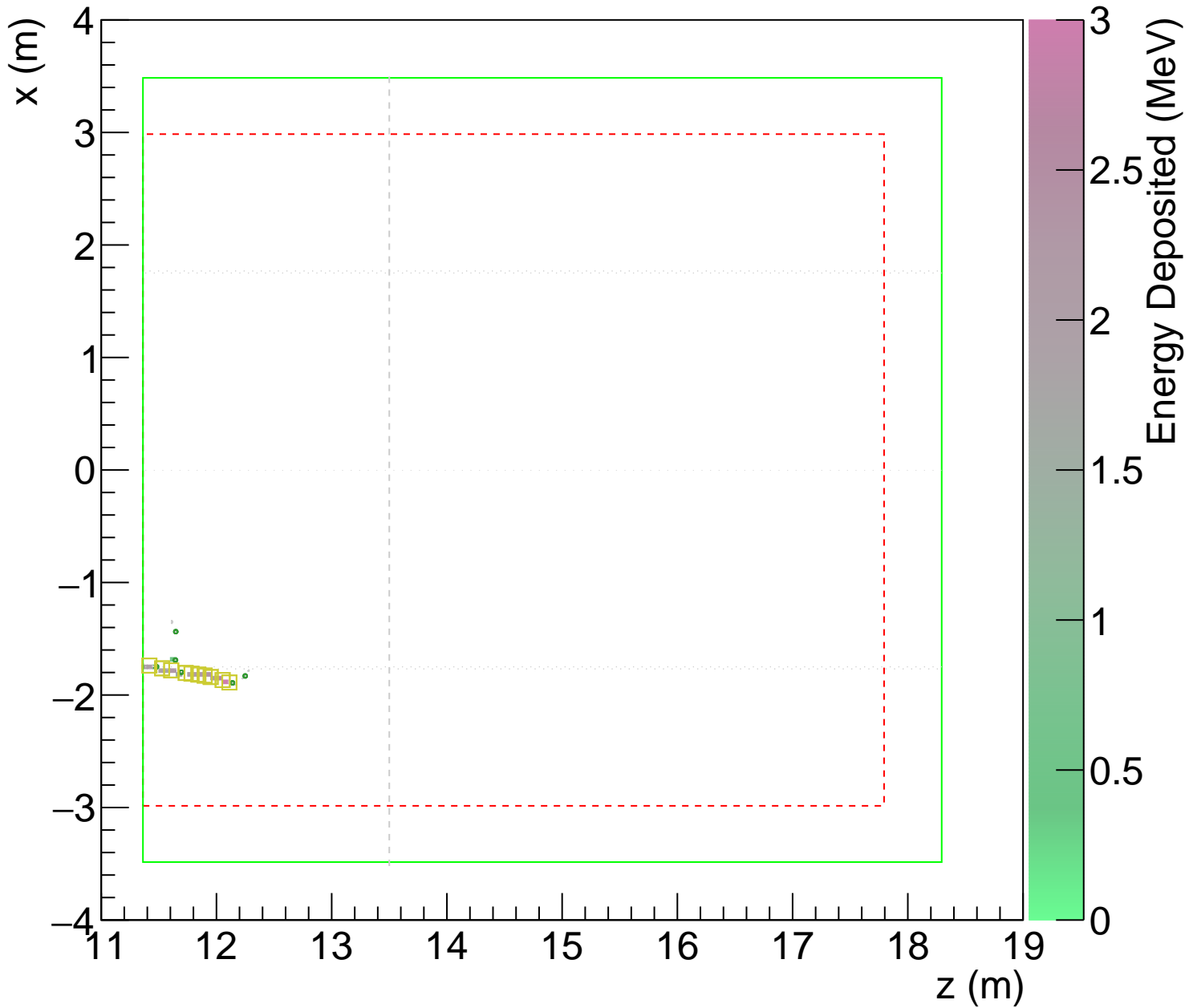
nLines: 1, nClusters: 0



Event 168, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.61$  GeV,  $E_{\mu}^{\text{true}}=2.64$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

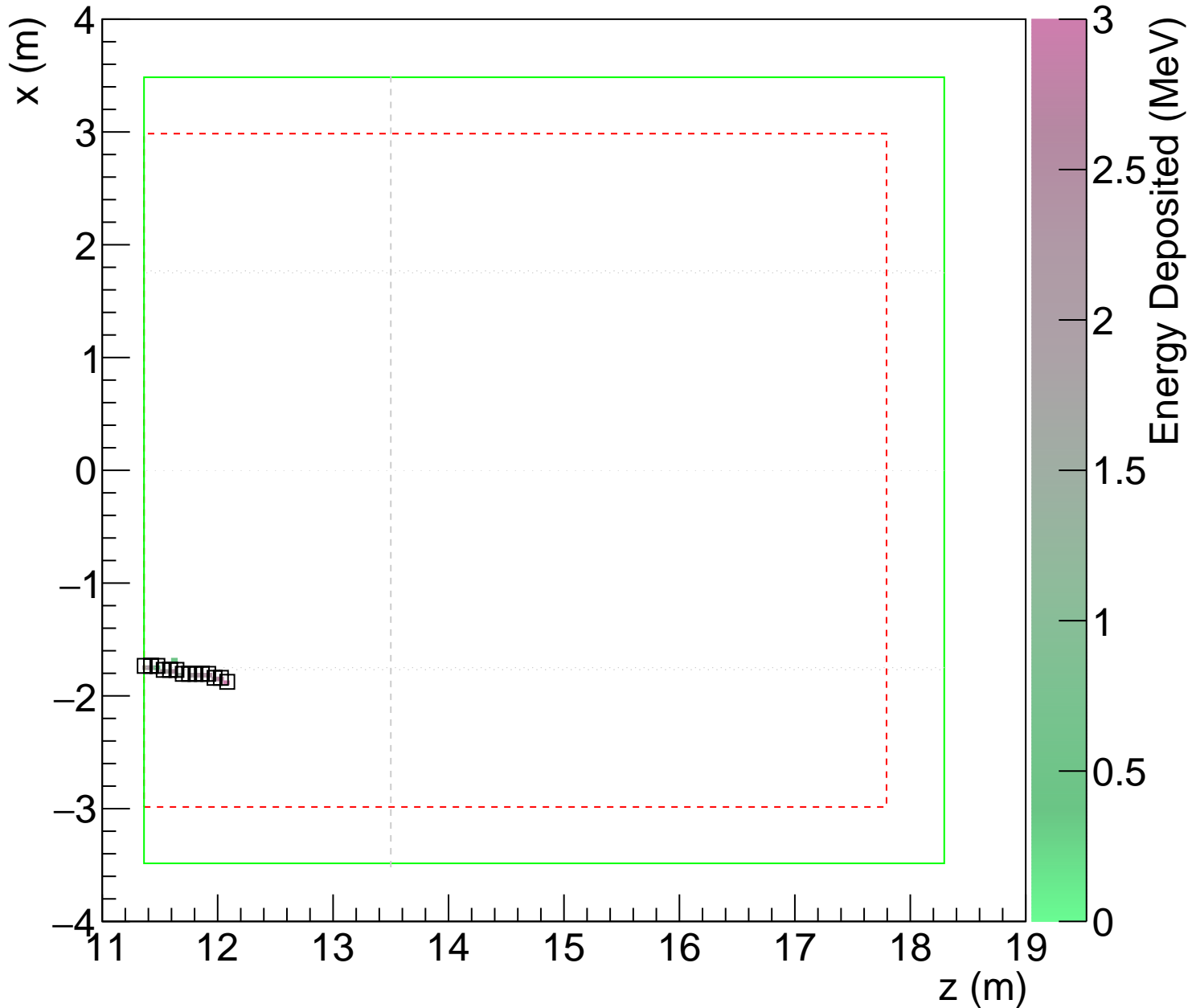


Event 168, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.61$  GeV,  $E_{\mu}^{\text{true}}=2.64$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

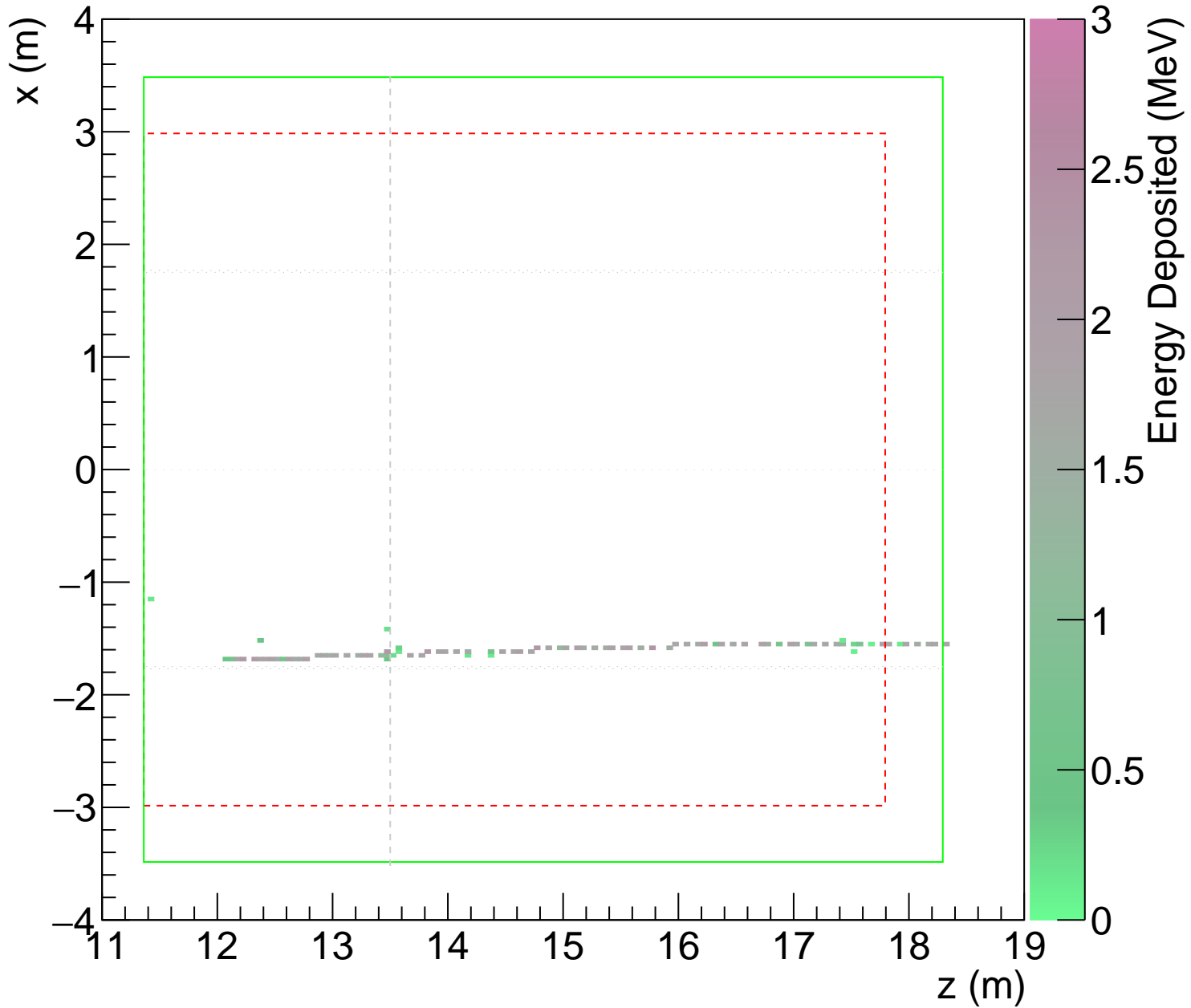


# Event 168 reconstructed

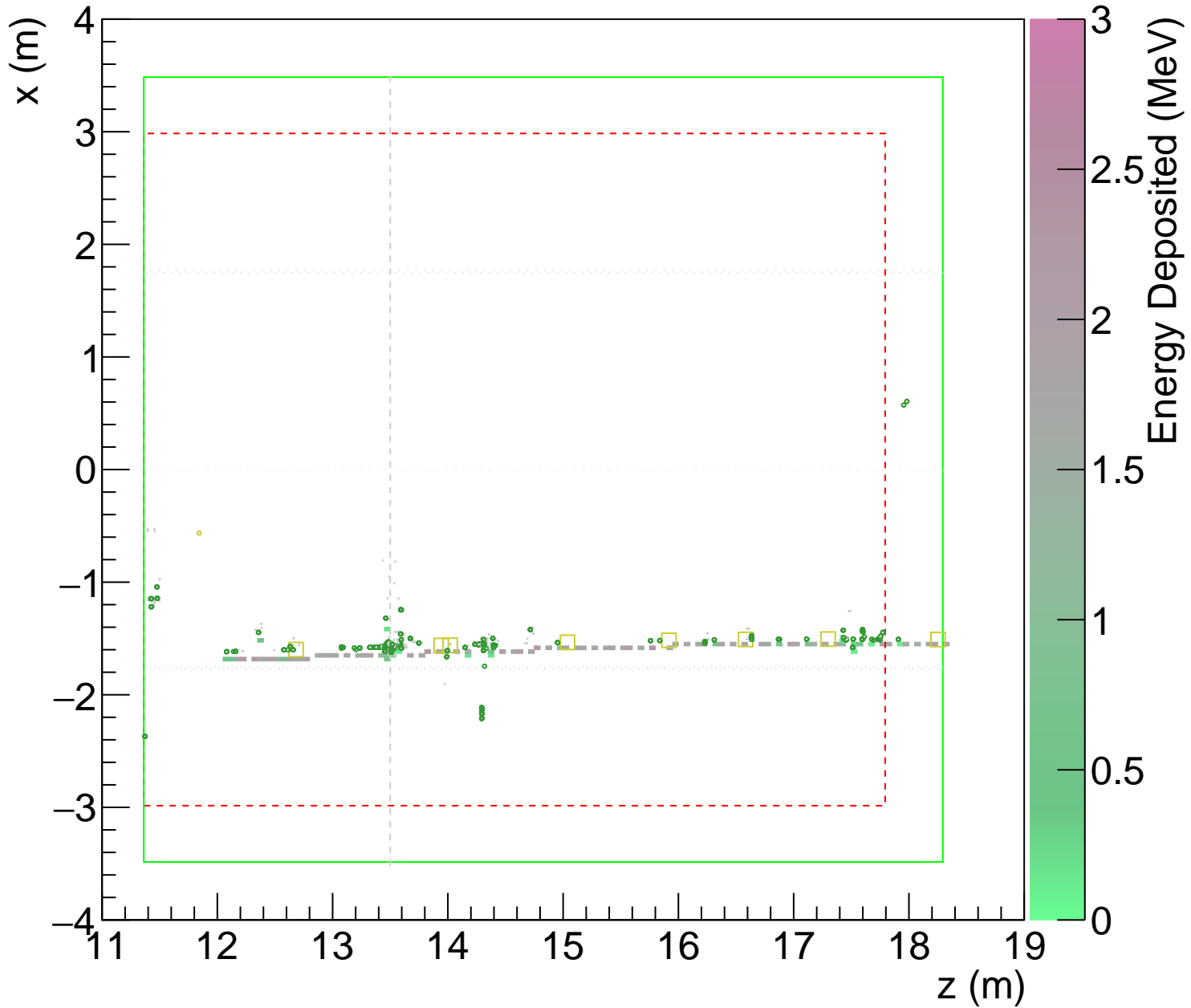
nLines: 1, nClusters: 0



Event 170, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=32.80$  GeV,  $E_{\mu}^{\text{true}}=28.55$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

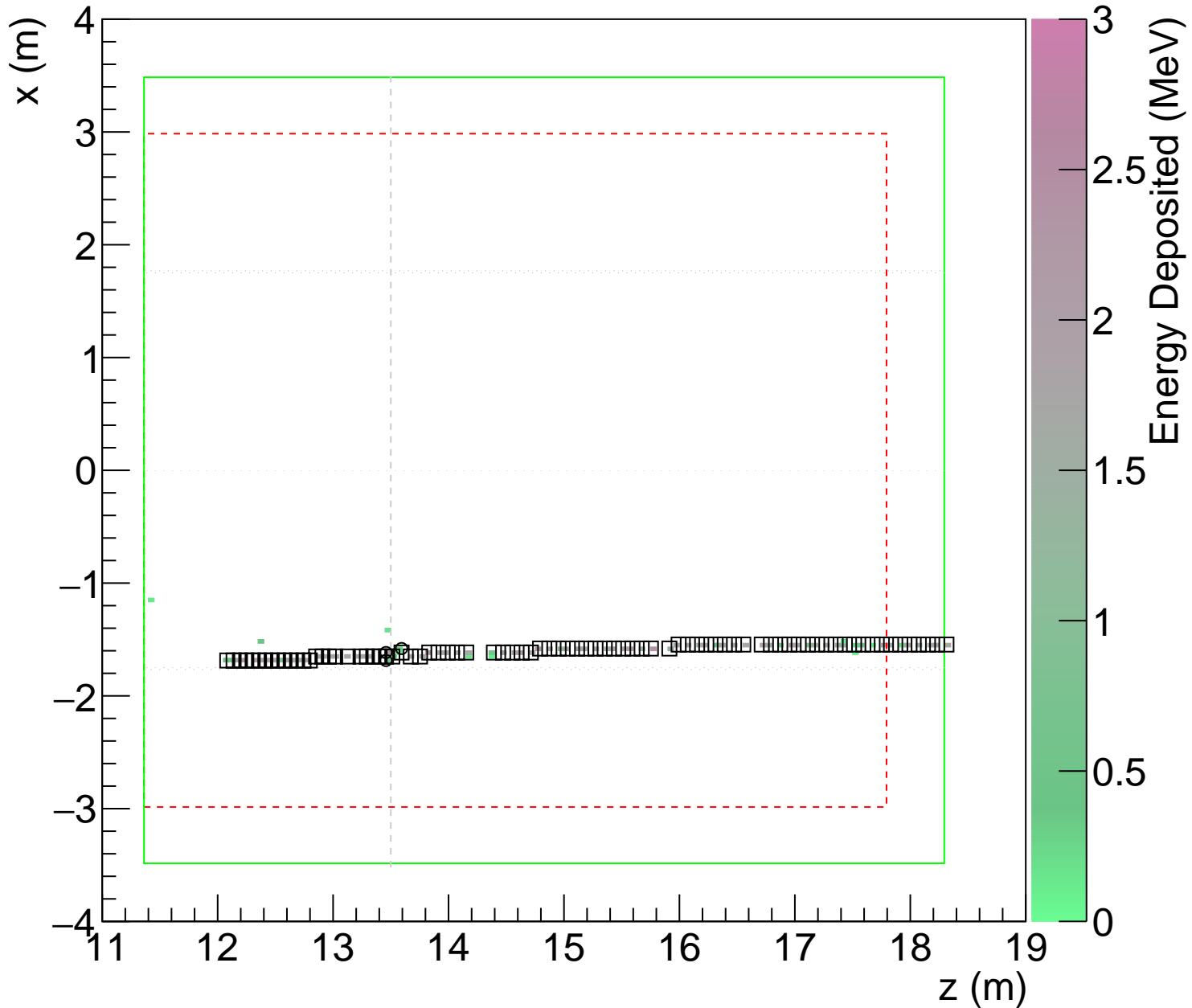


Event 170, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=32.80$  GeV,  $E_{\mu}^{\text{true}}=28.55$  GeV  
nu:14,tgt:1000260560,N:2112,q:1(v),proc:Weak[CC],DIS,

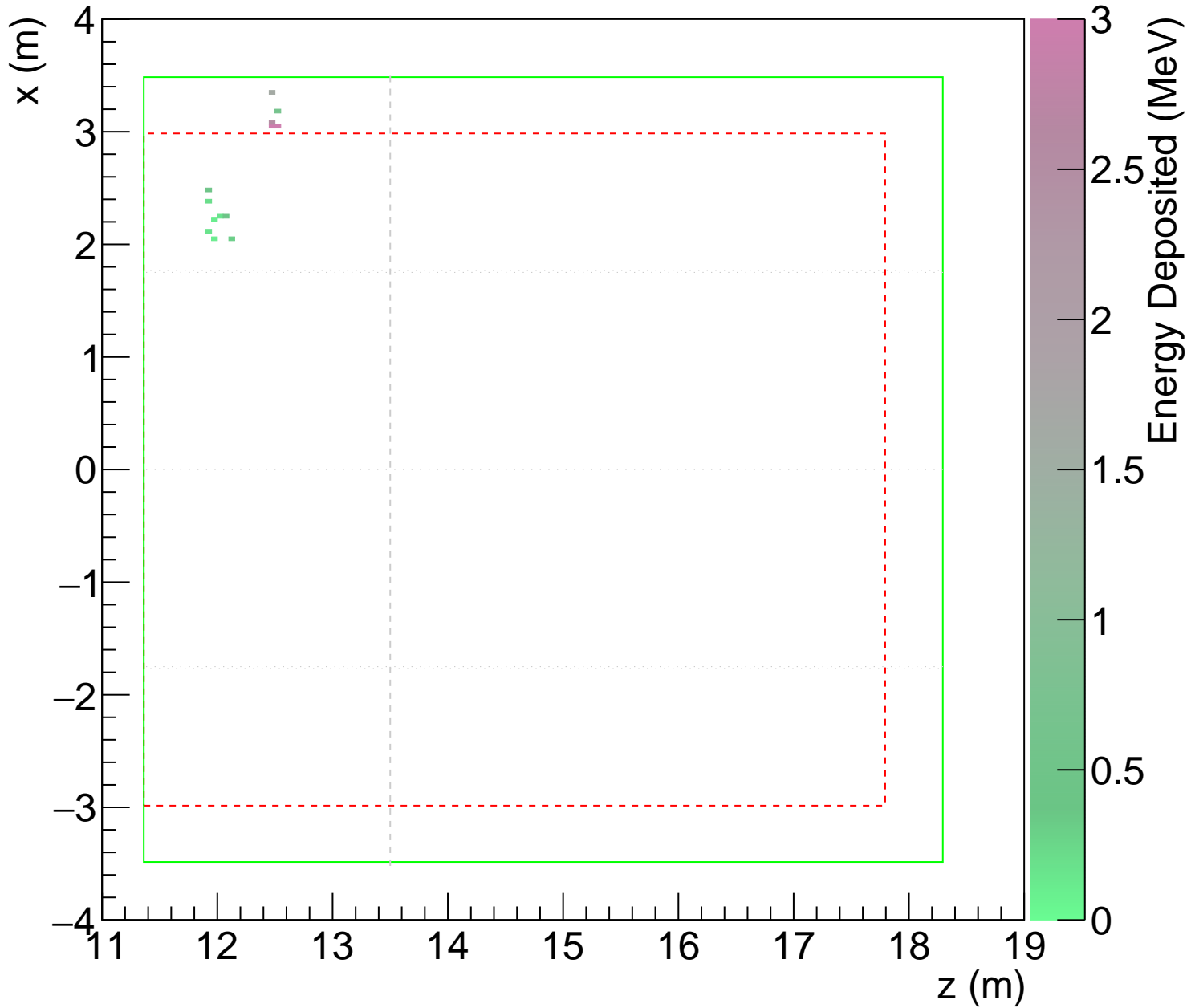


# Event 170 reconstructed

nLines: 1, nClusters: 1

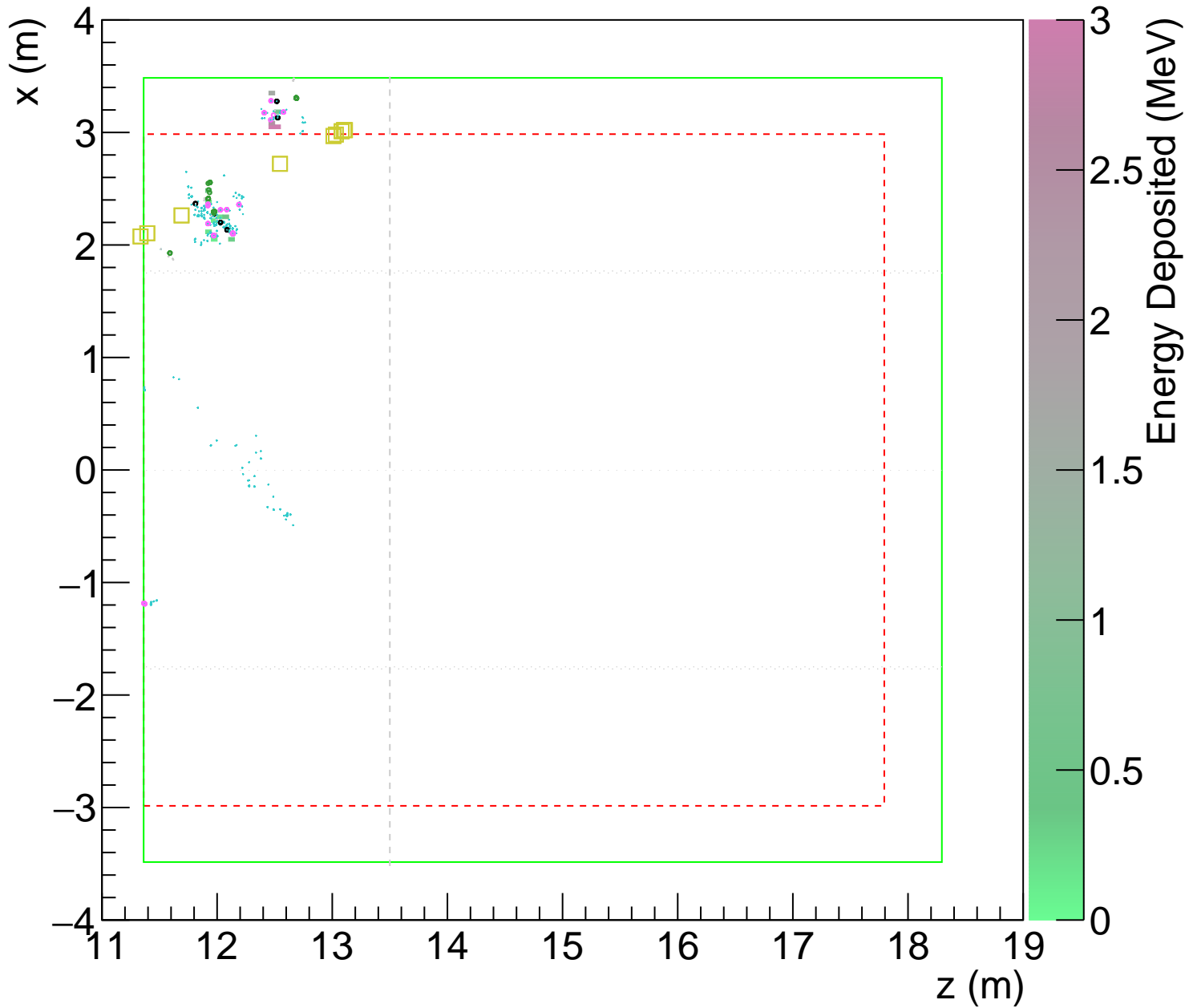


Event 172, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.15$  GeV,  $E_{\mu}^{\text{true}}=1.65$  GeV  
nu:14,tgt:1000010010,N:2212,proc:Weak[NC],QES,



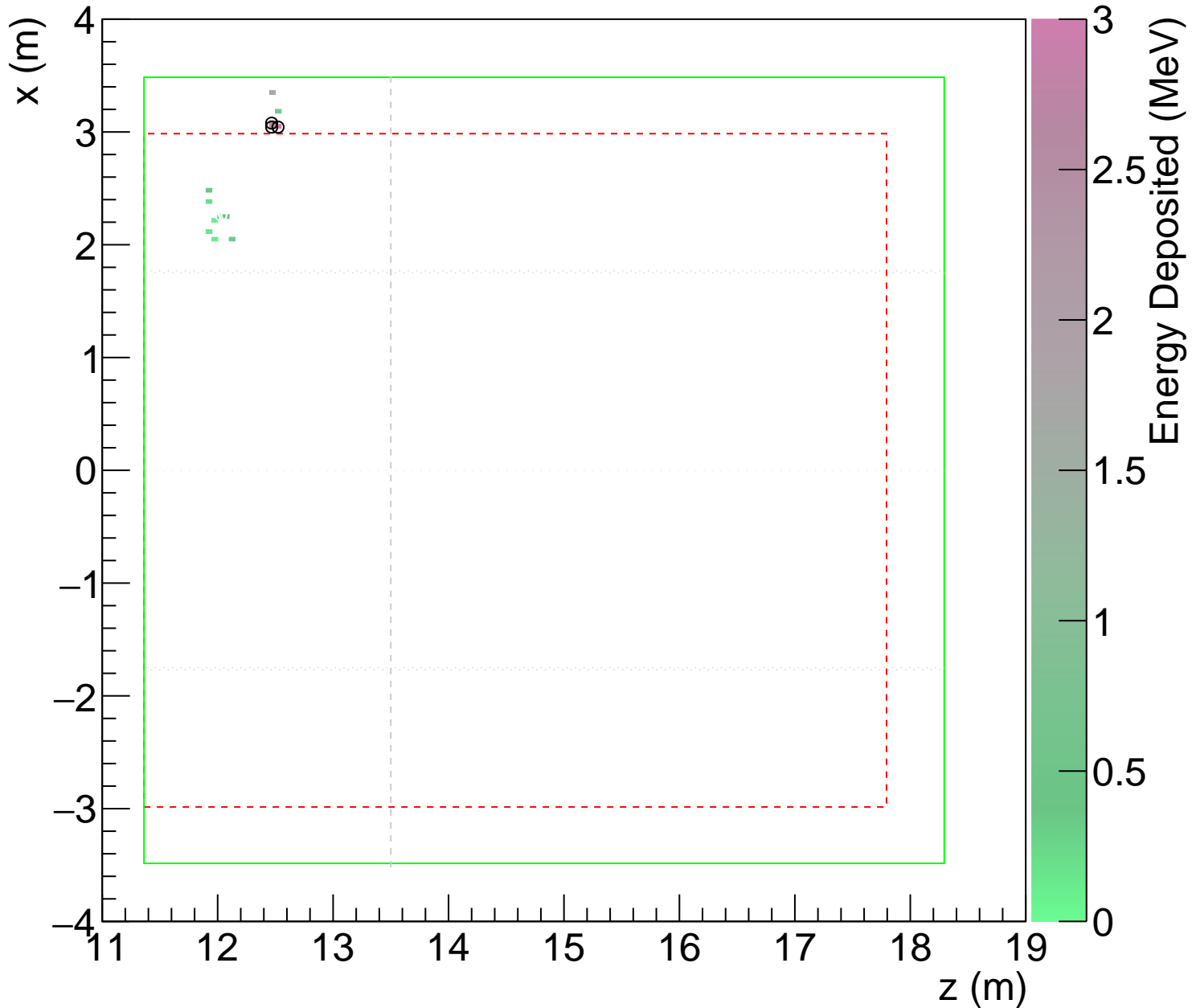


Event 172, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.15$  GeV,  $E_{\mu}^{\text{true}}=1.65$  GeV  
nu:14,tgt:1000010010,N:2212,proc:Weak[NC],QES,

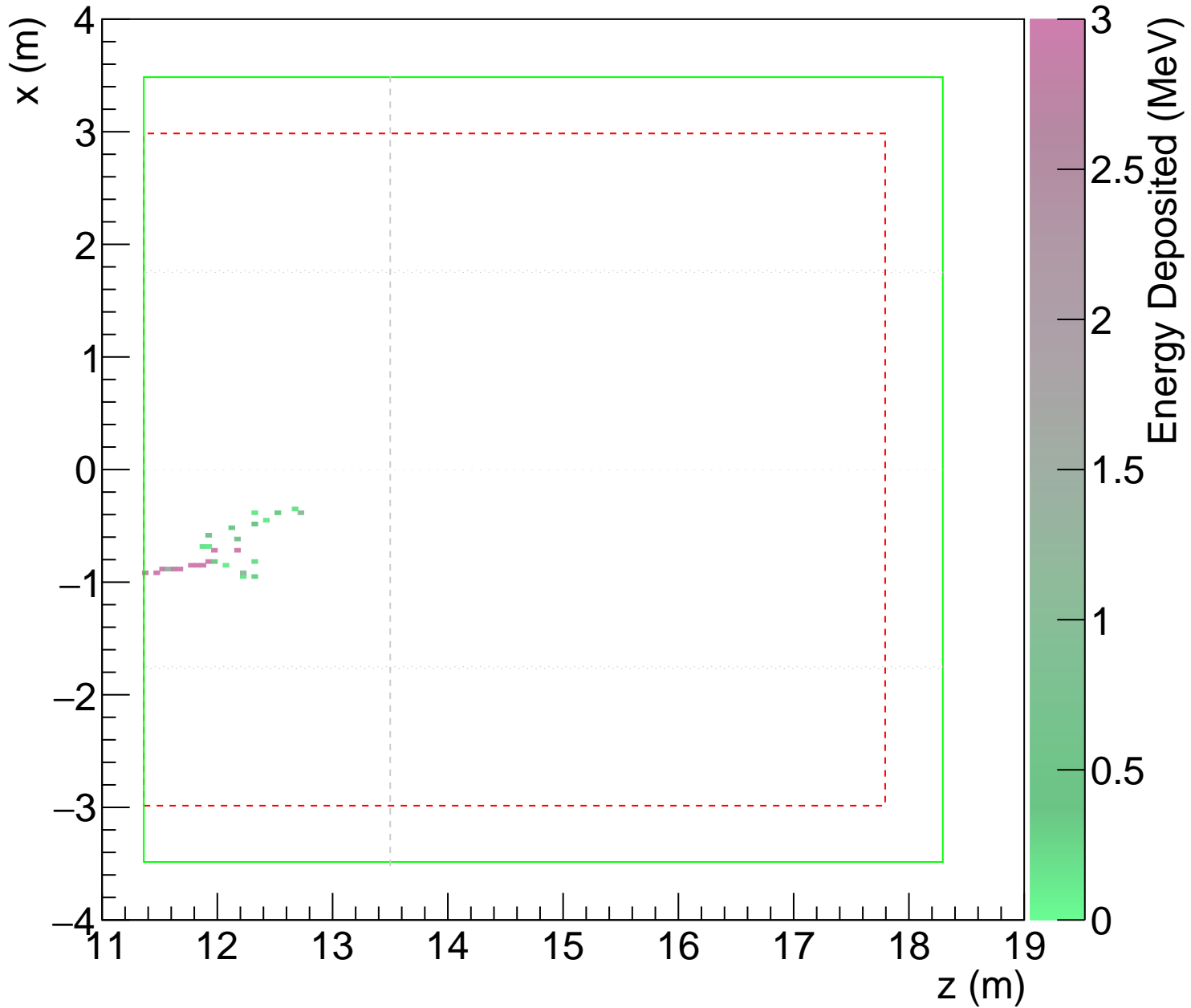


# Event 172 reconstructed

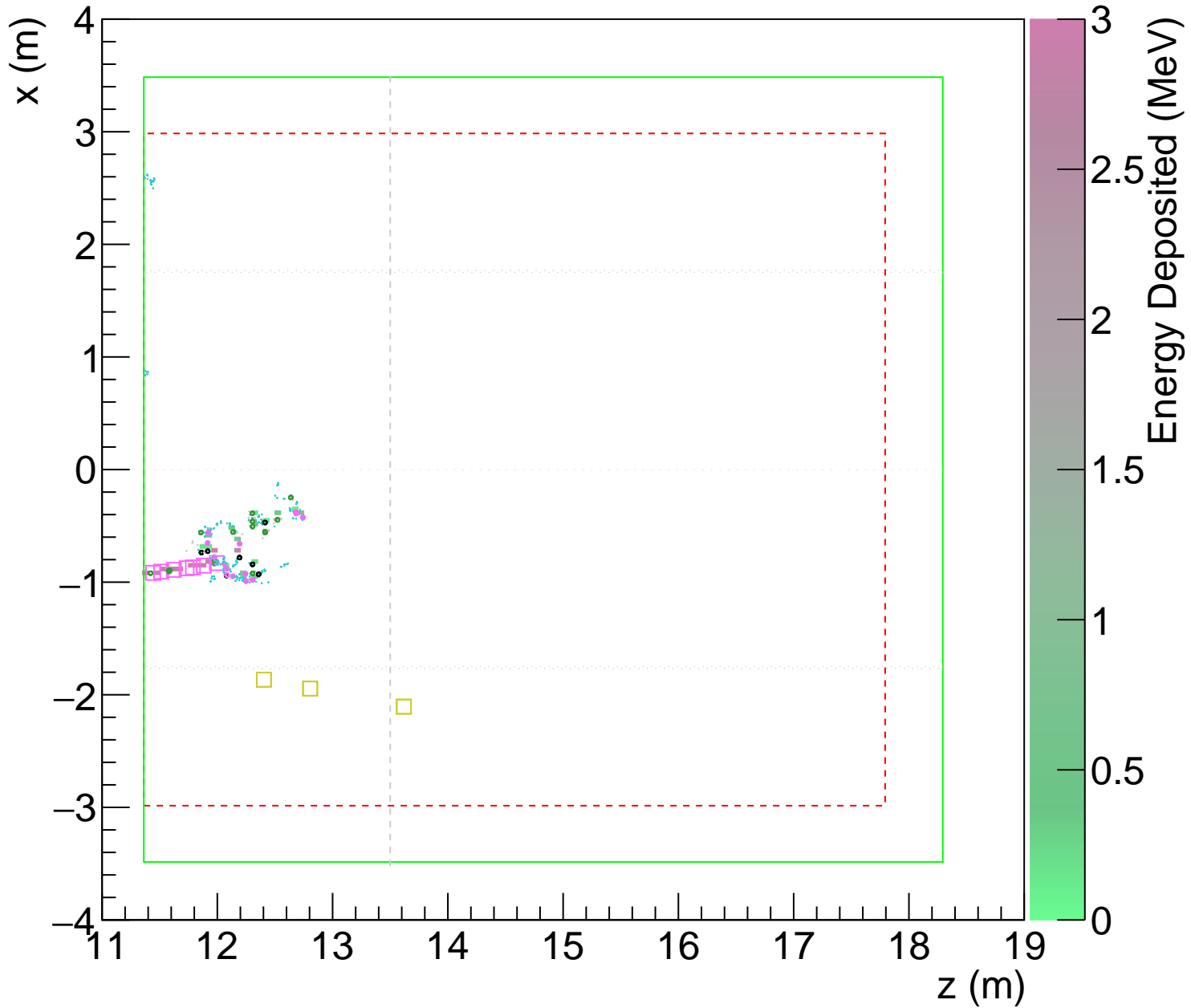
nLines: 0, nClusters: 2



Event 174, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.89$  GeV,  $E_{\mu}^{\text{true}}=1.81$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

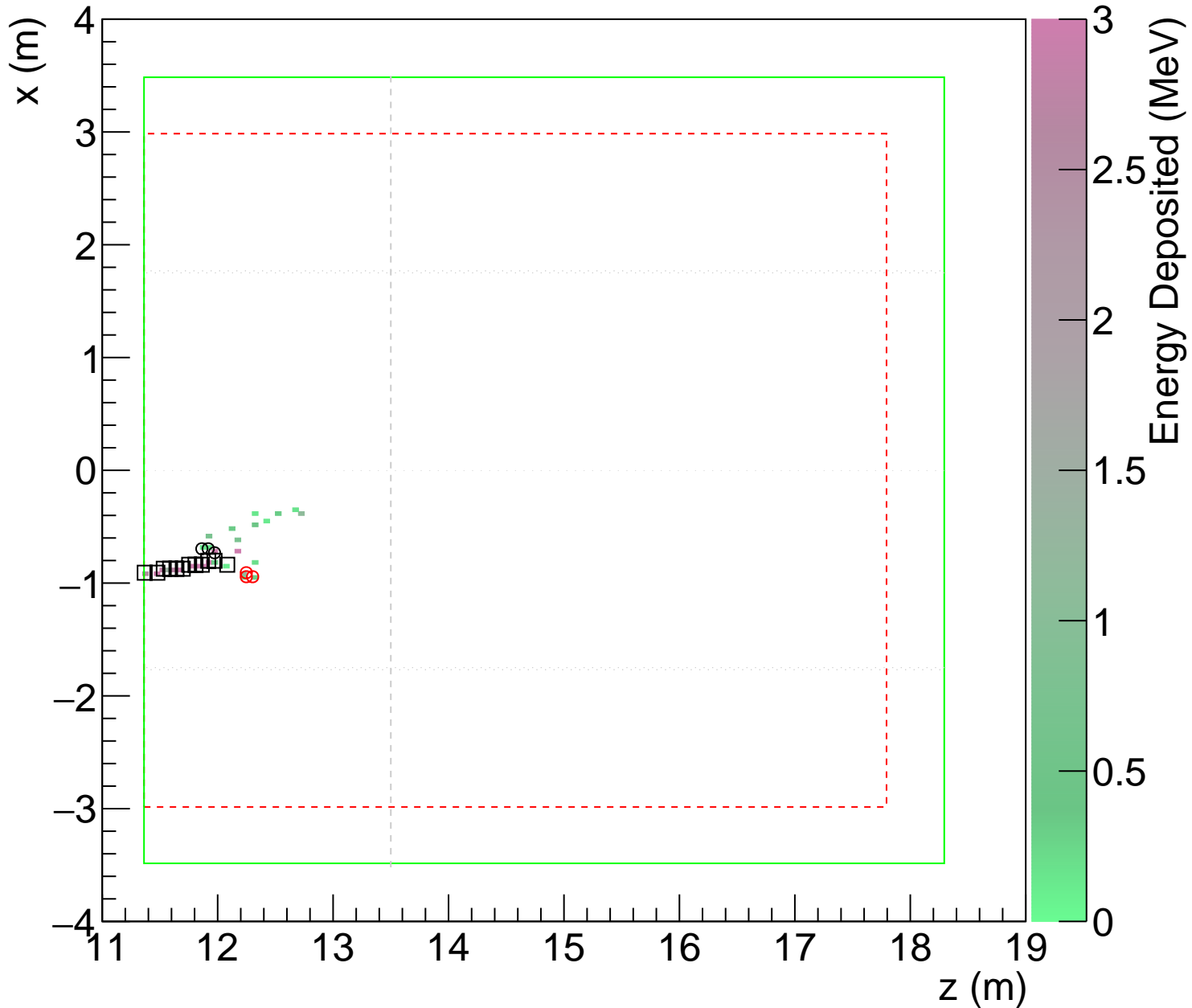


Event 174, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.89$  GeV,  $E_{\mu}^{\text{true}}=1.81$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

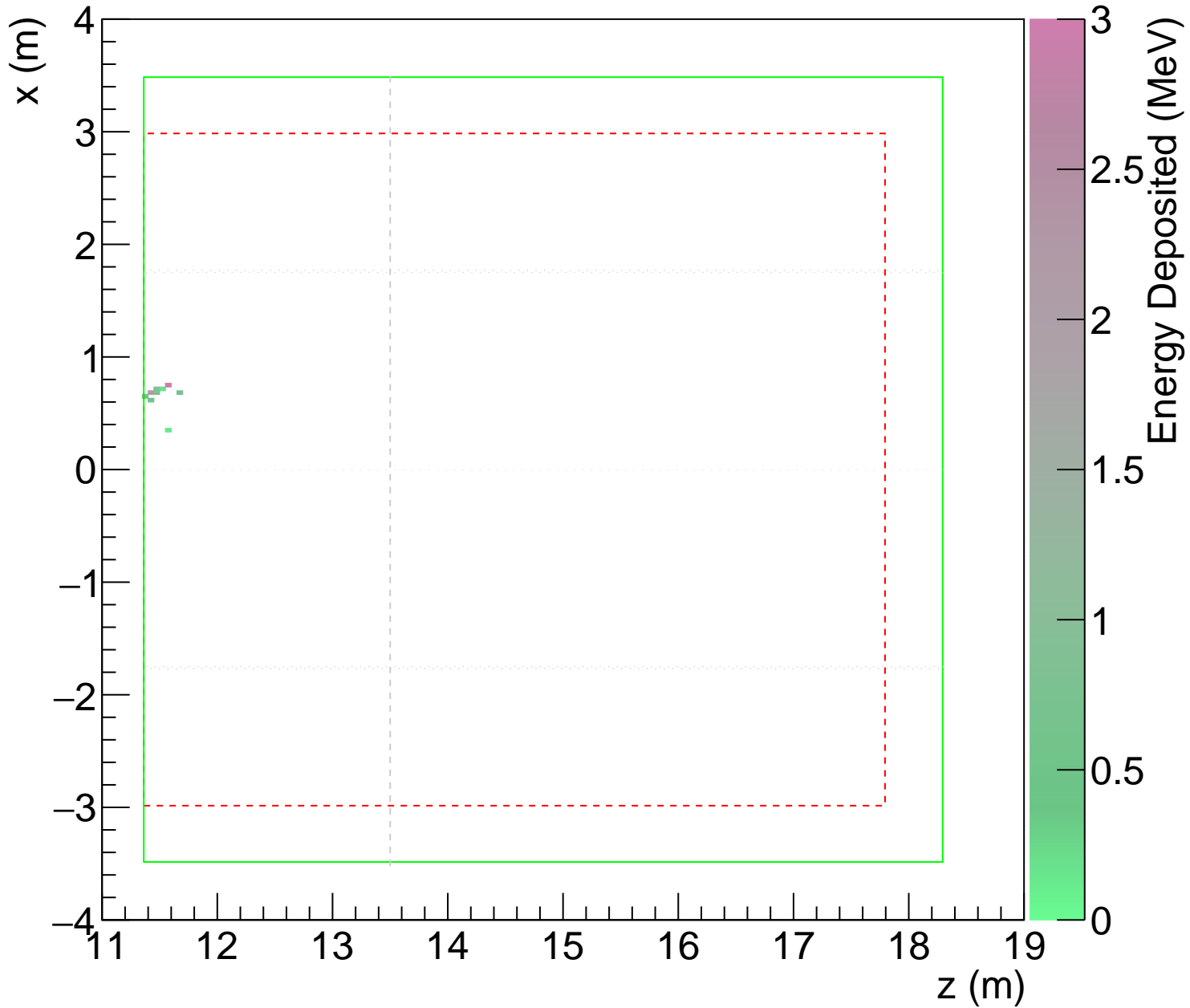


# Event 174 reconstructed

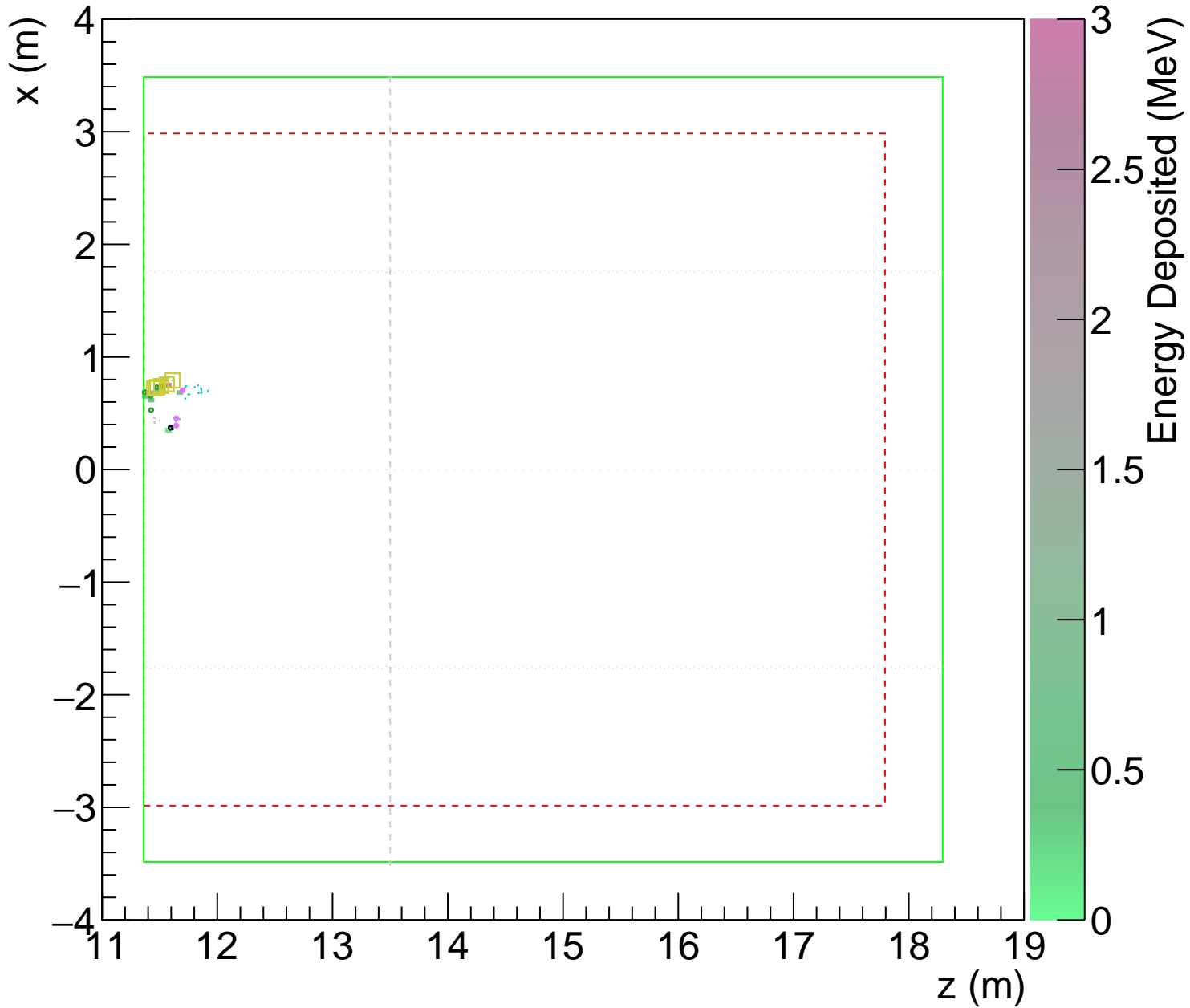
nLines: 1, nClusters: 2



Event 177, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.43$  GeV,  $E_{\mu}^{\text{true}}=1.08$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,

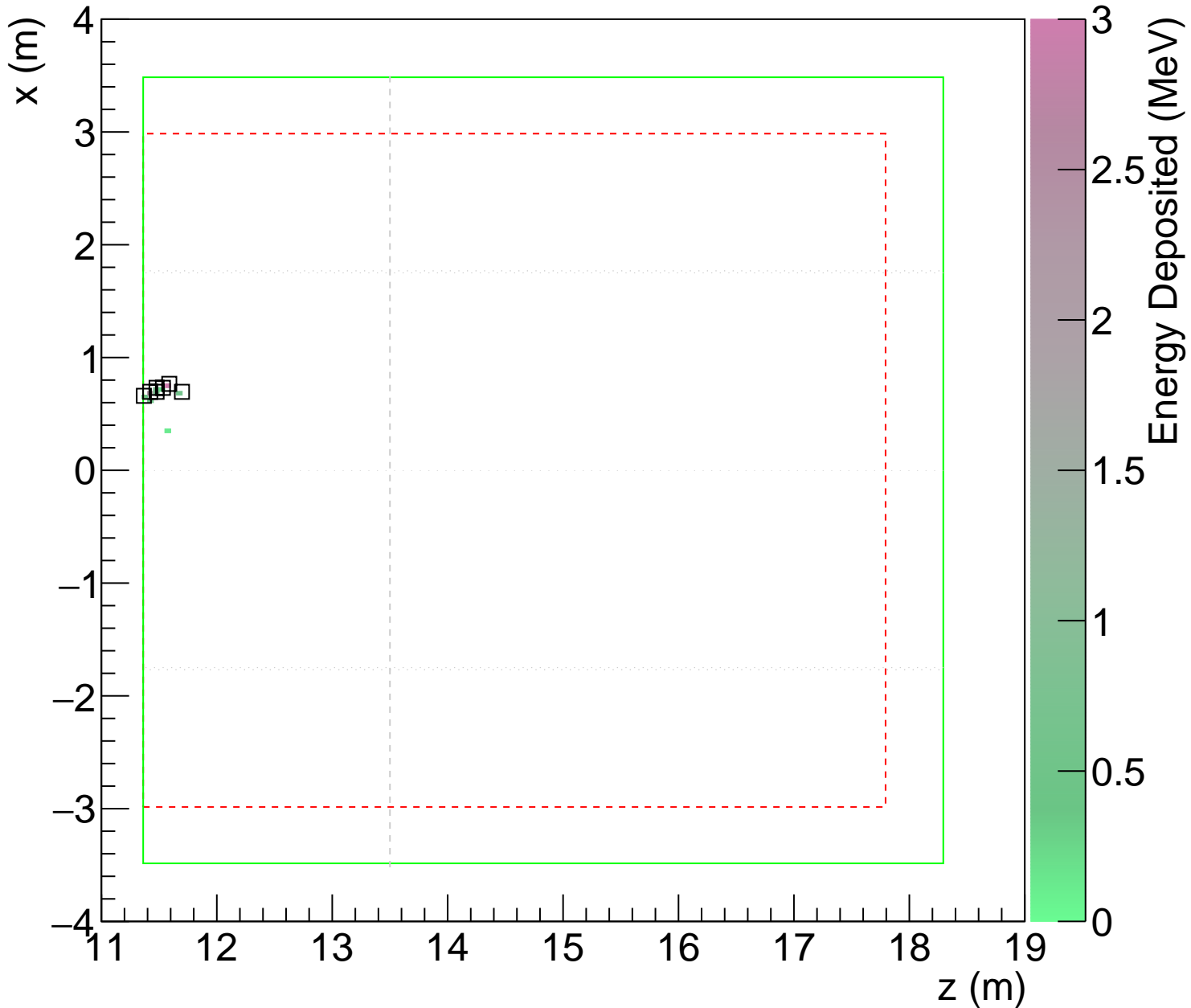


Event 177, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.43$  GeV,  $E_{\mu}^{\text{true}}=1.08$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,



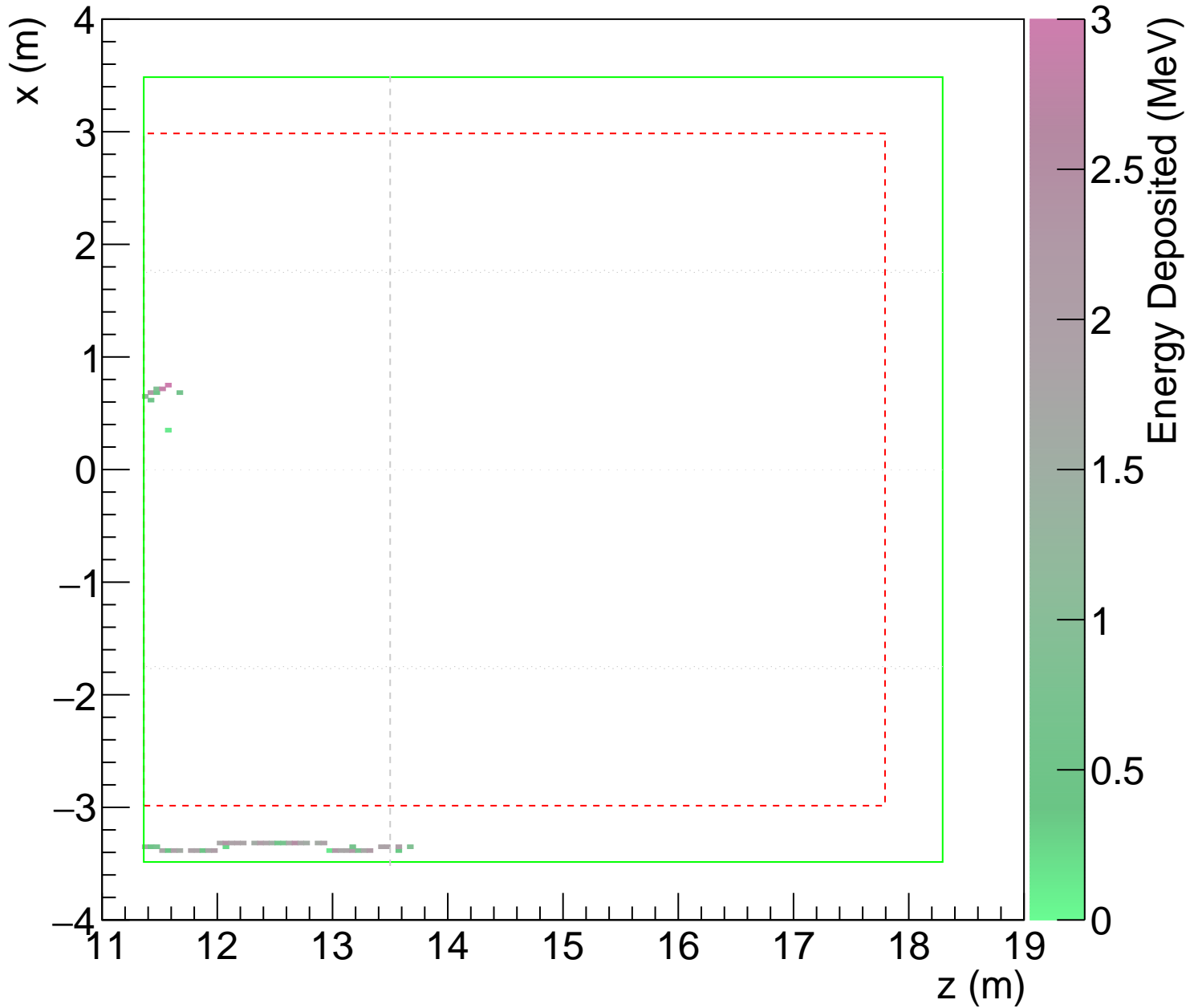
# Event 177 reconstructed

nLines: 1, nClusters: 0

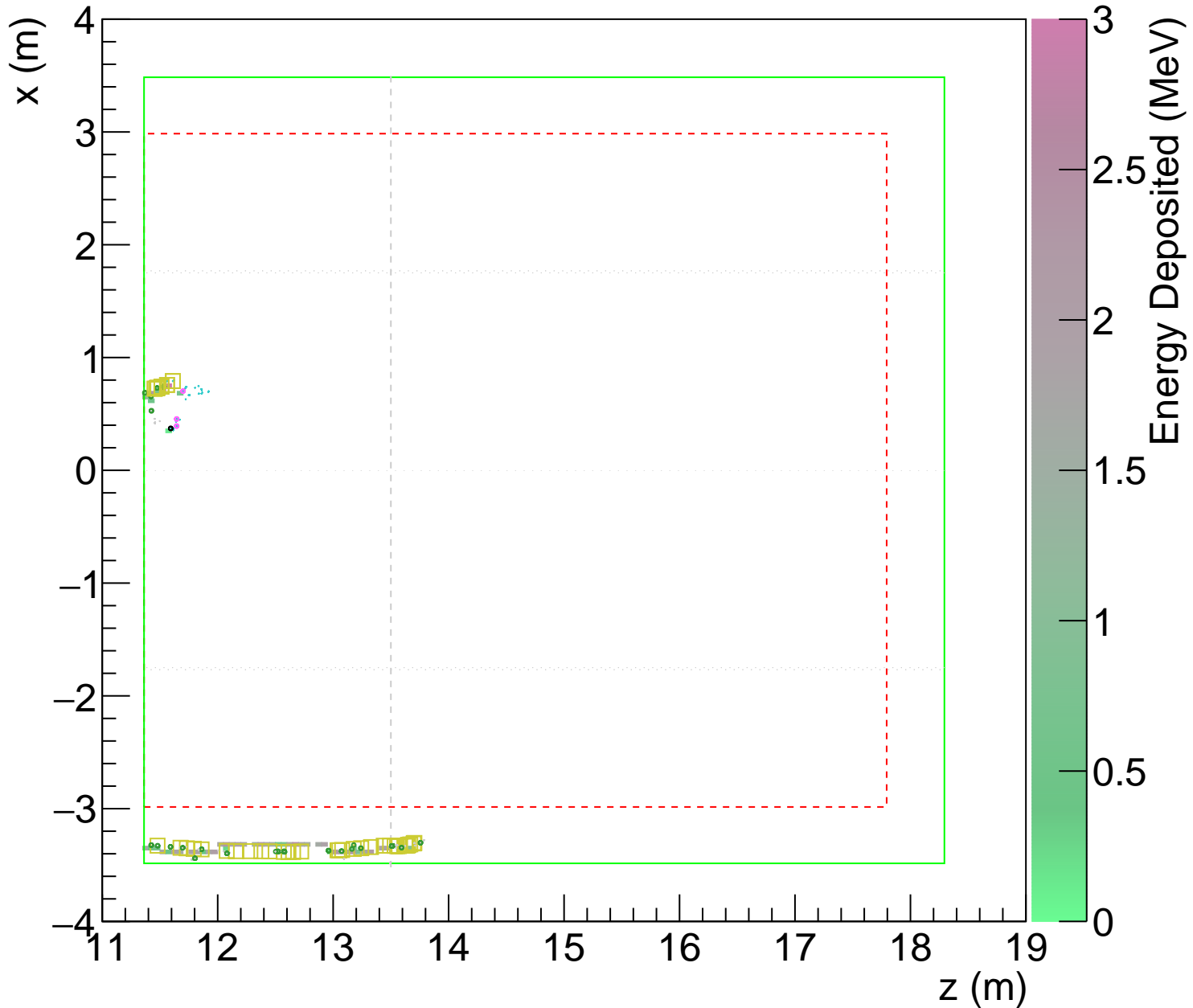




Event 178, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.54$  GeV,  $E_{\mu}^{\text{true}}=1.46$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

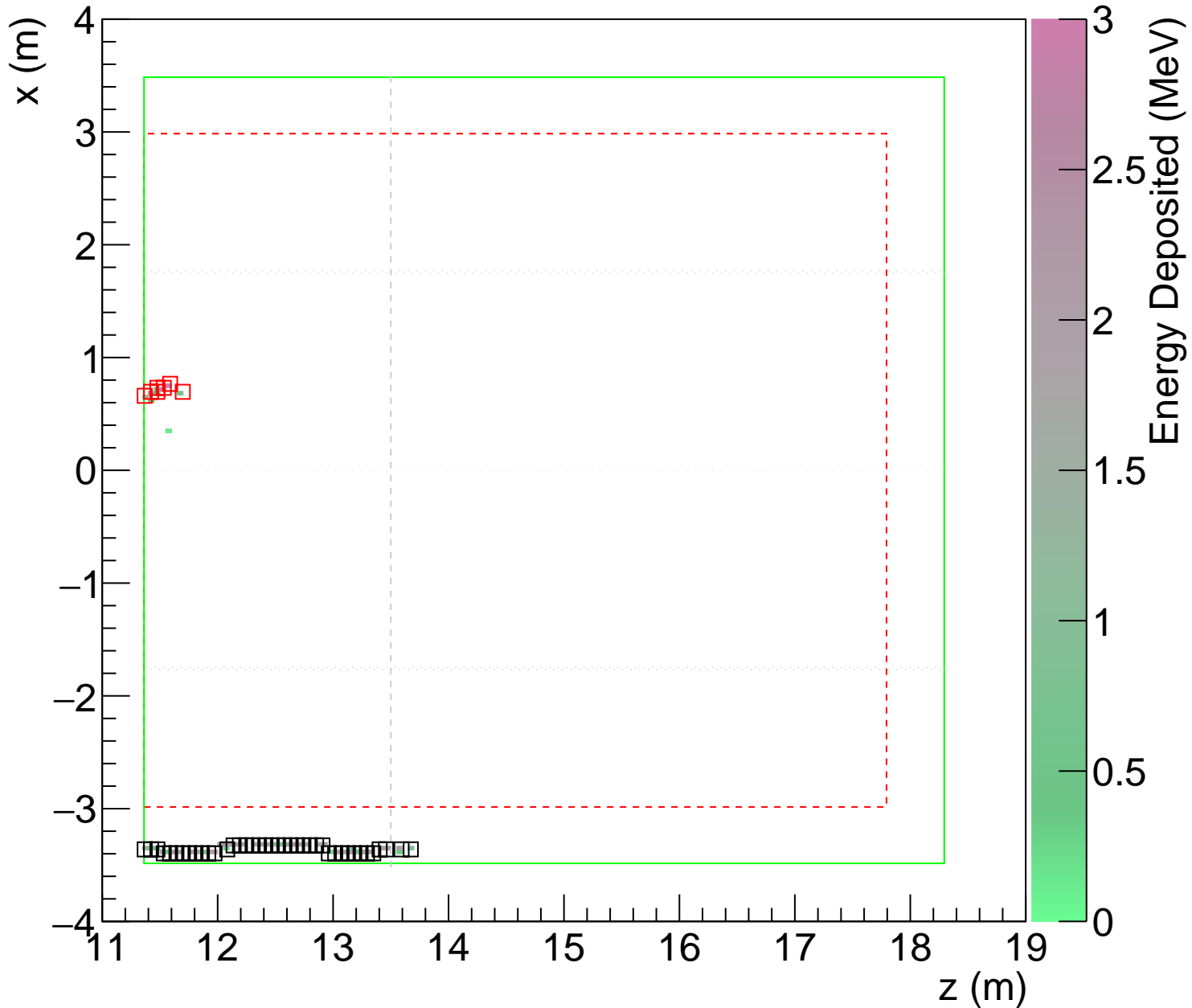


Event 178, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.54$  GeV,  $E_{\mu}^{\text{true}}=1.46$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

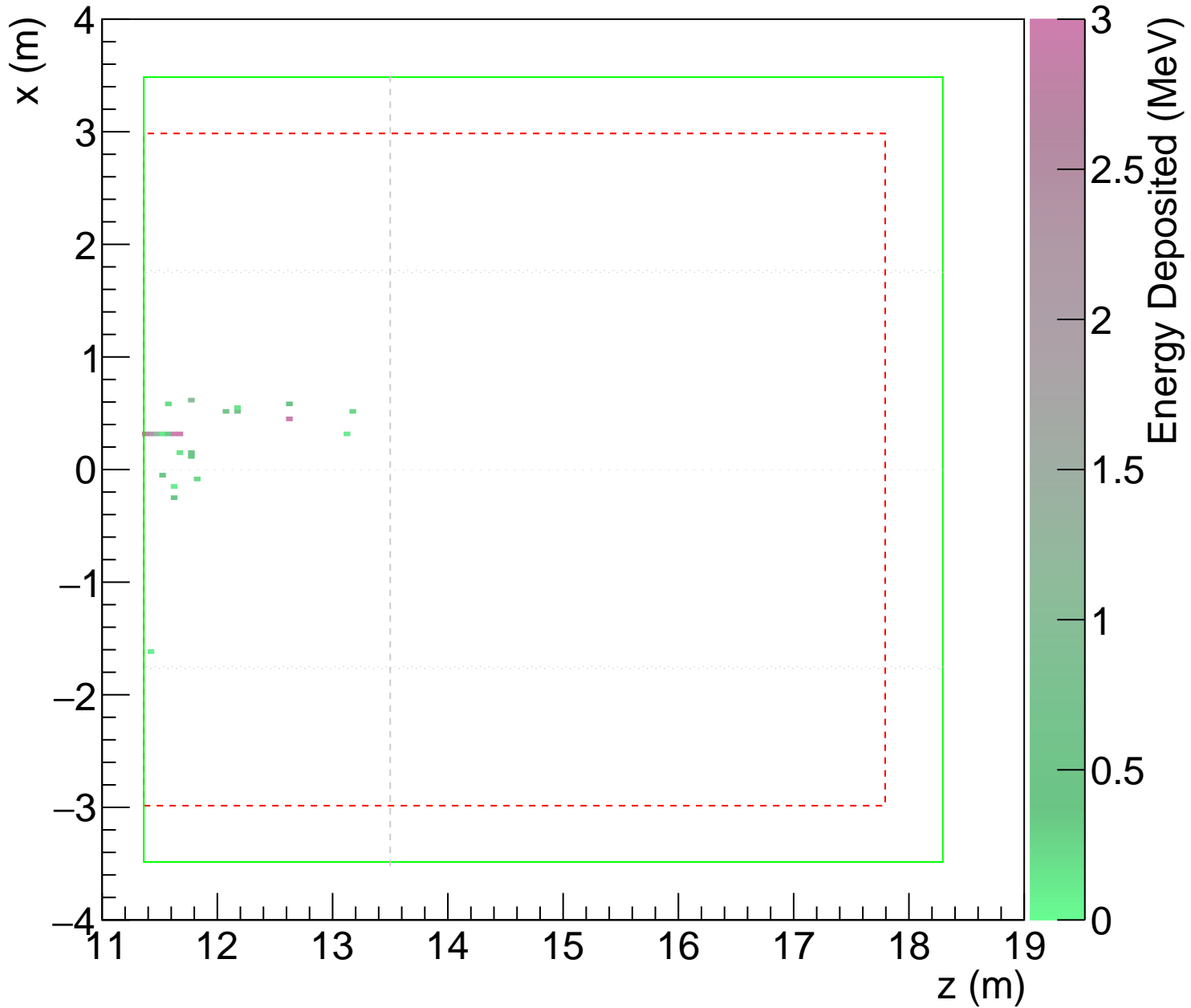


# Event 178 reconstructed

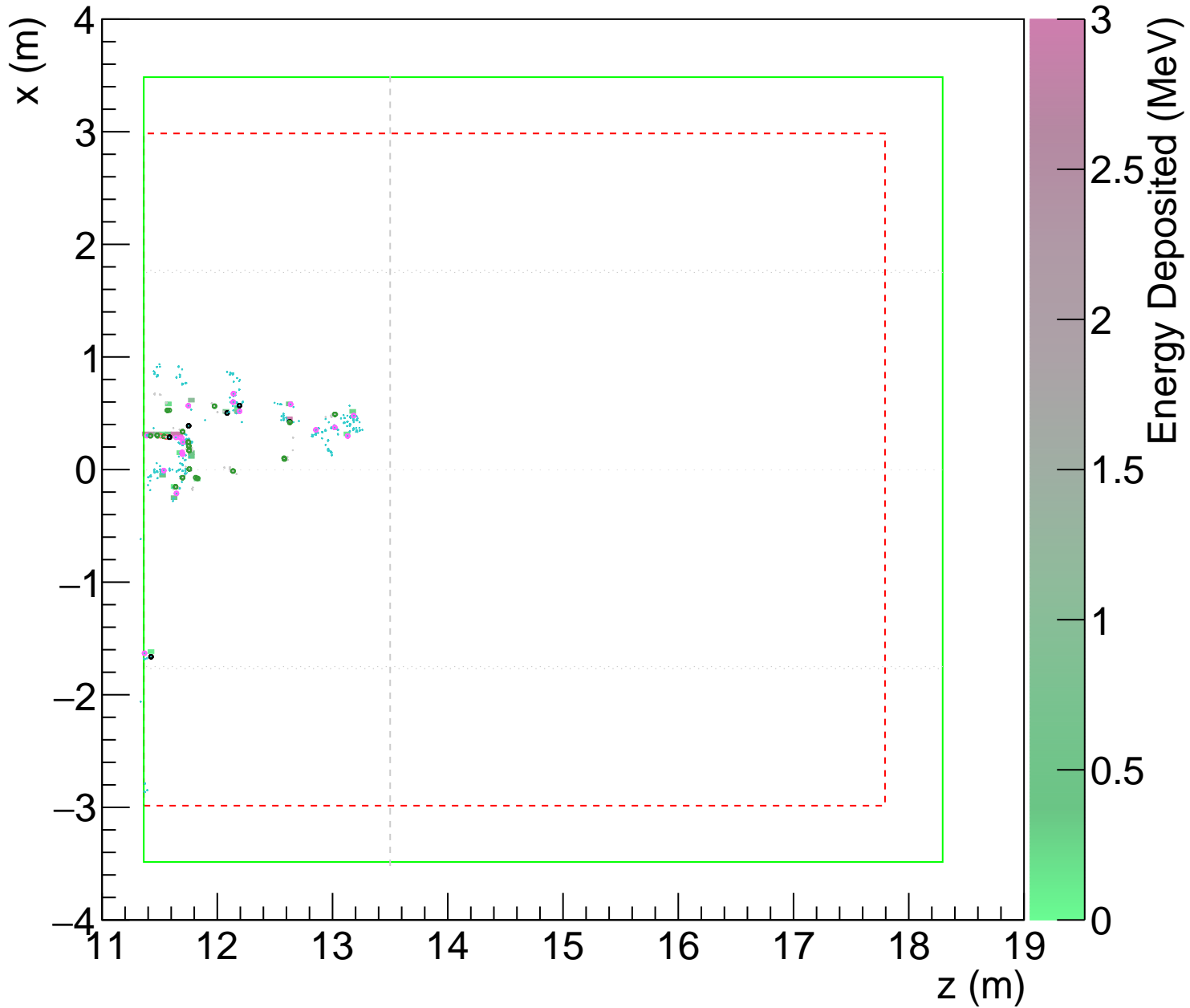
nLines: 2, nClusters: 0



Event 181, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.16$  GeV,  $E_{\mu}^{\text{true}}=0.34$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

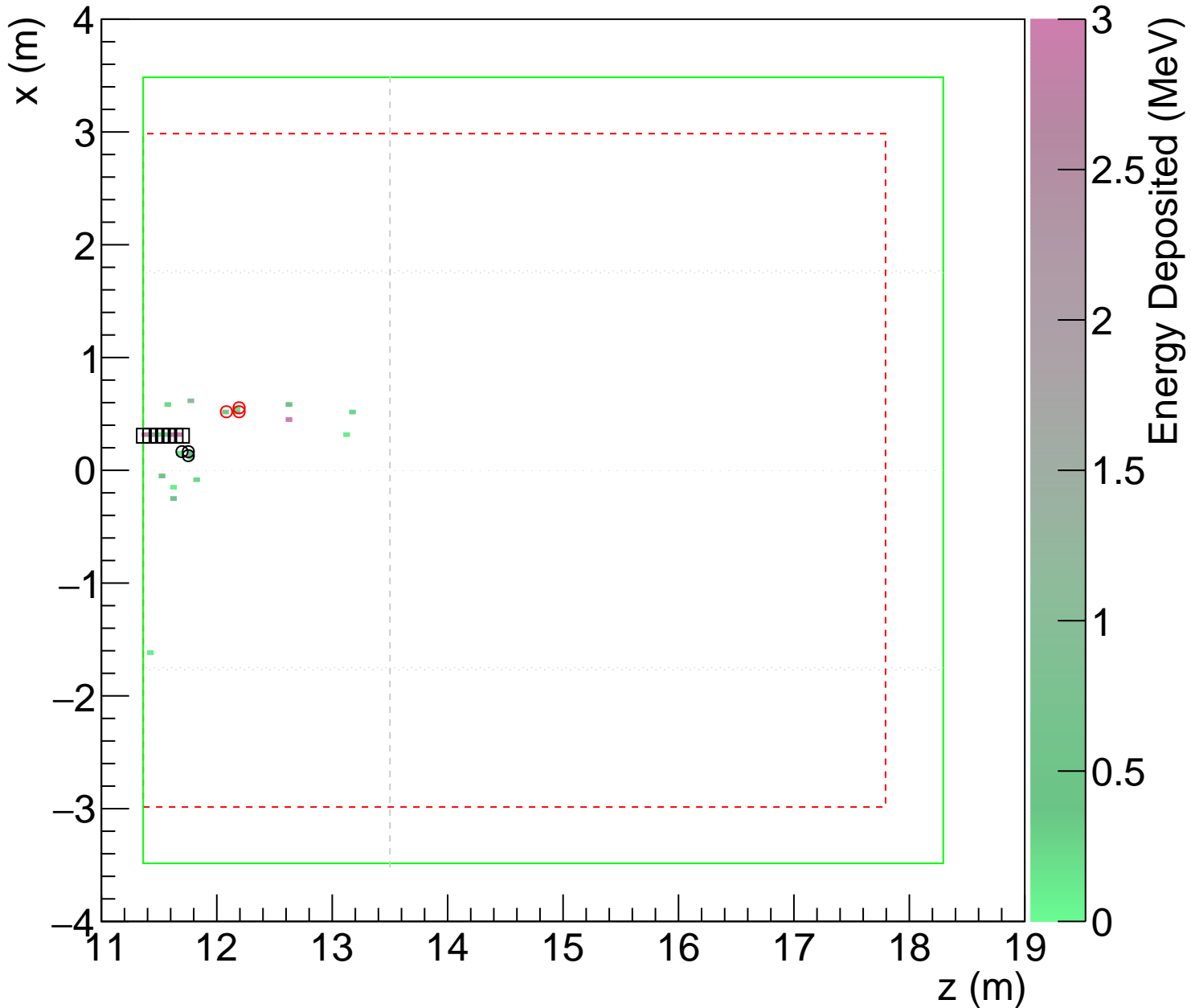


Event 181, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.16$  GeV,  $E_{\mu}^{\text{true}}=0.34$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

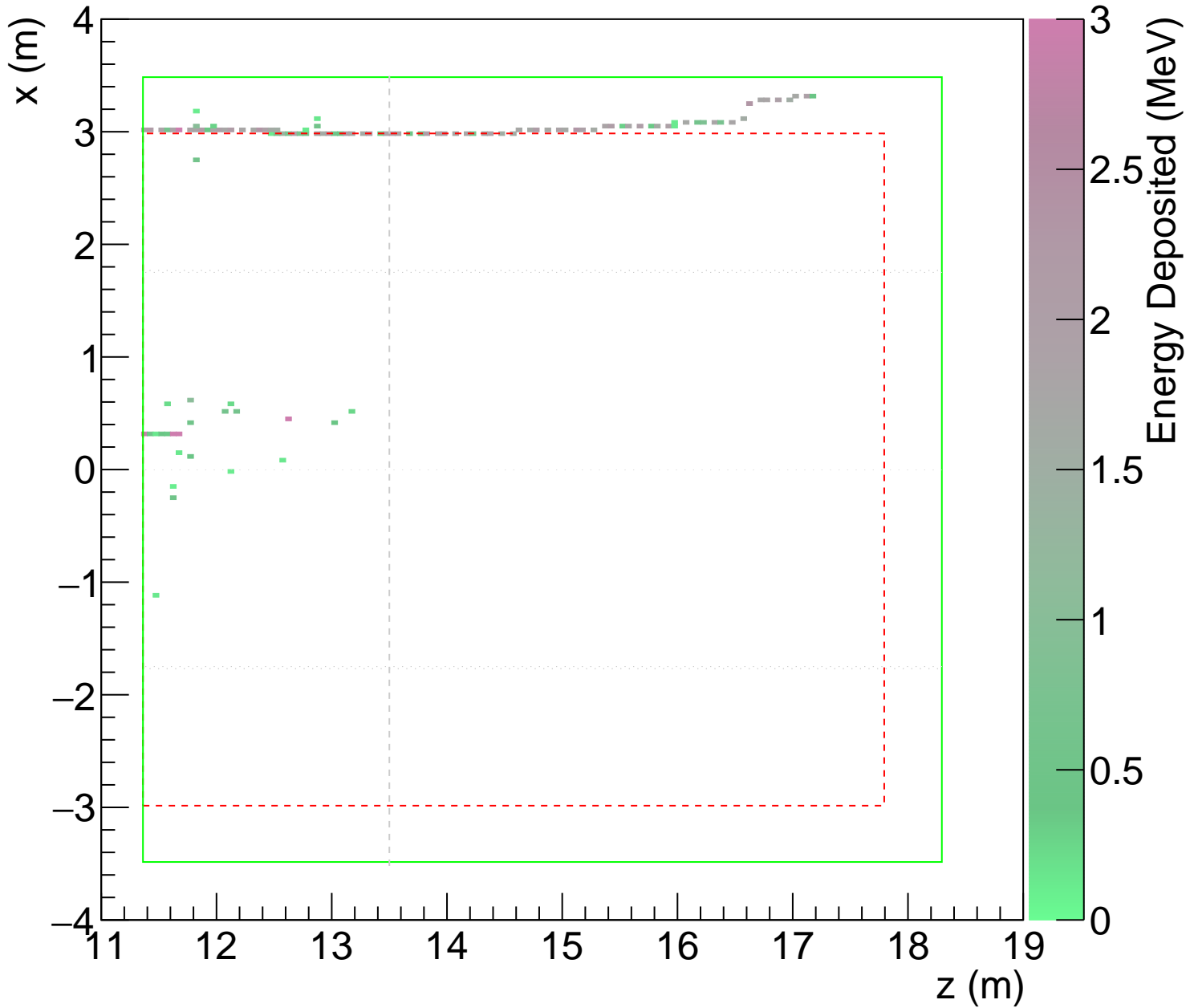


# Event 181 reconstructed

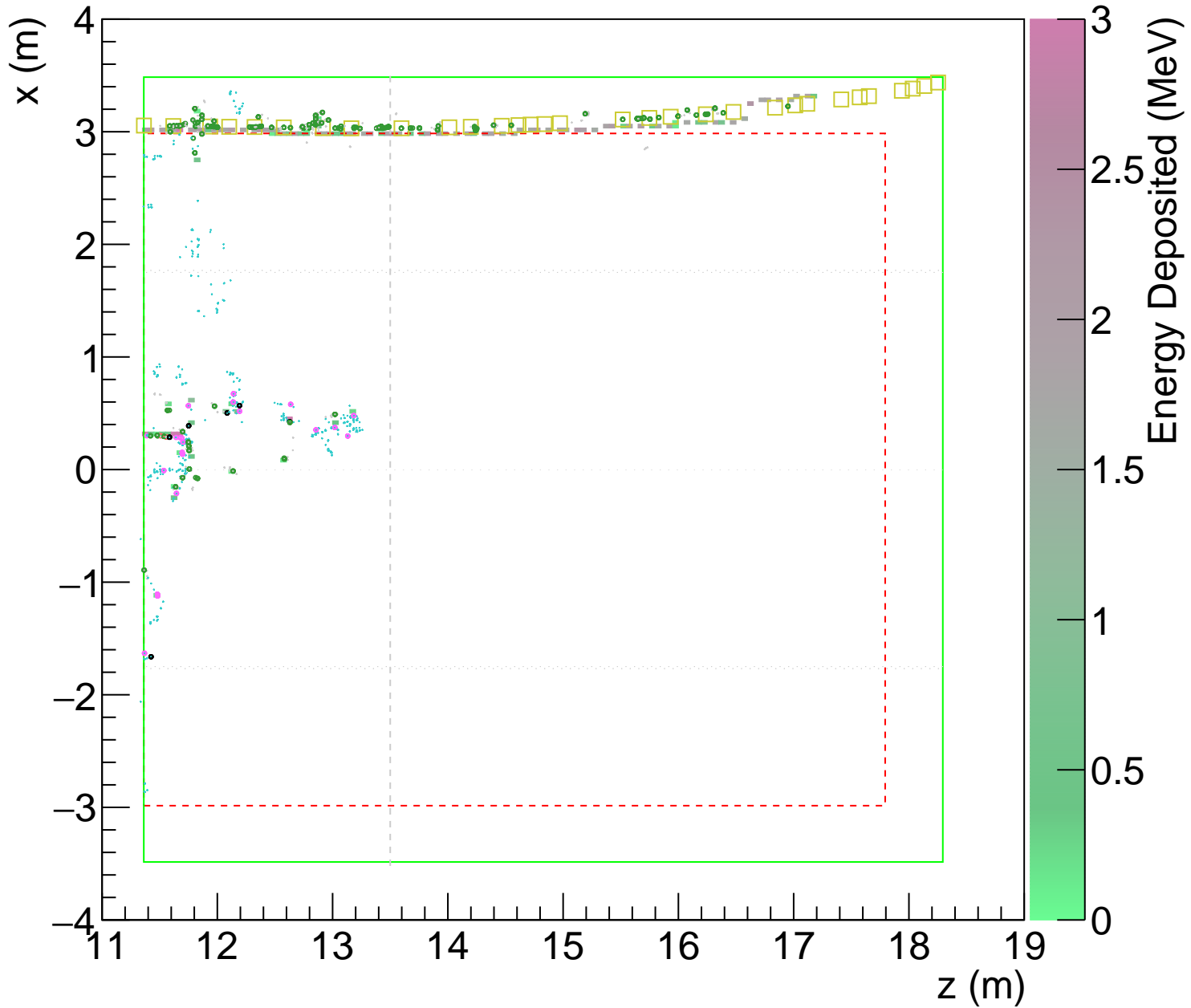
nLines: 1, nClusters: 2



Event 182, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.01$  GeV,  $E_{\mu}^{\text{true}}=6.69$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



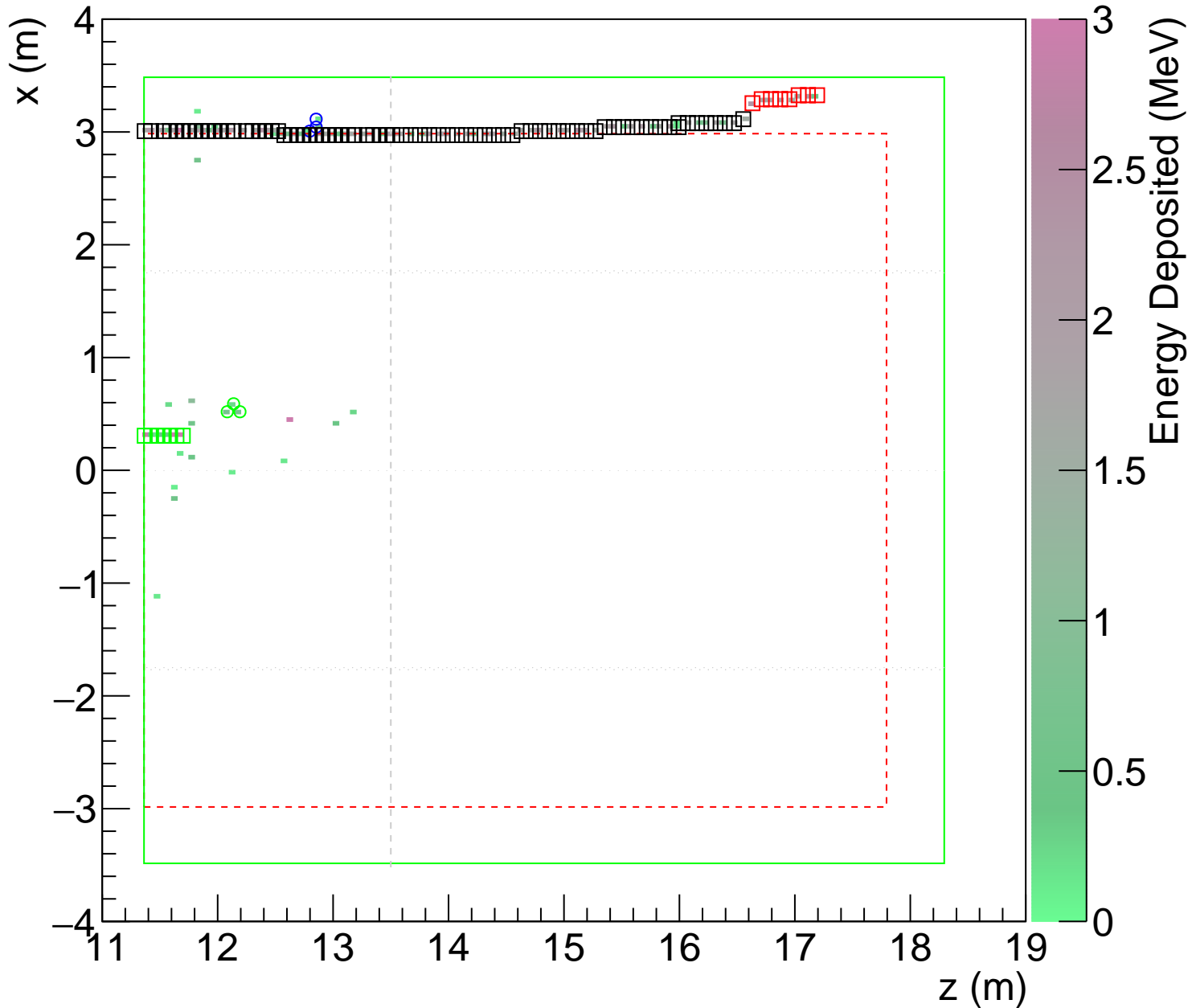
Event 182, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.01$  GeV,  $E_{\mu}^{\text{true}}=6.69$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



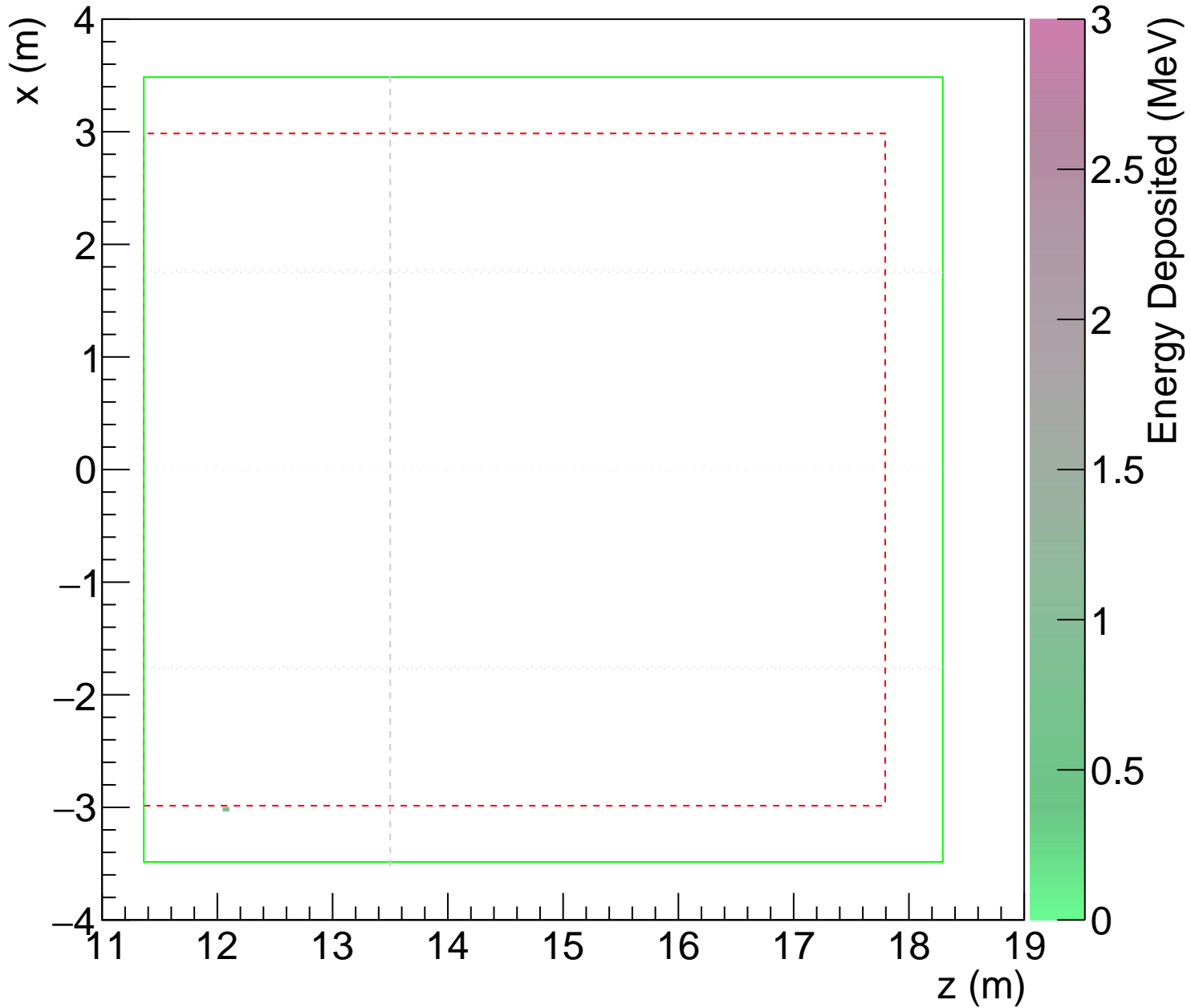


# Event 182 reconstructed

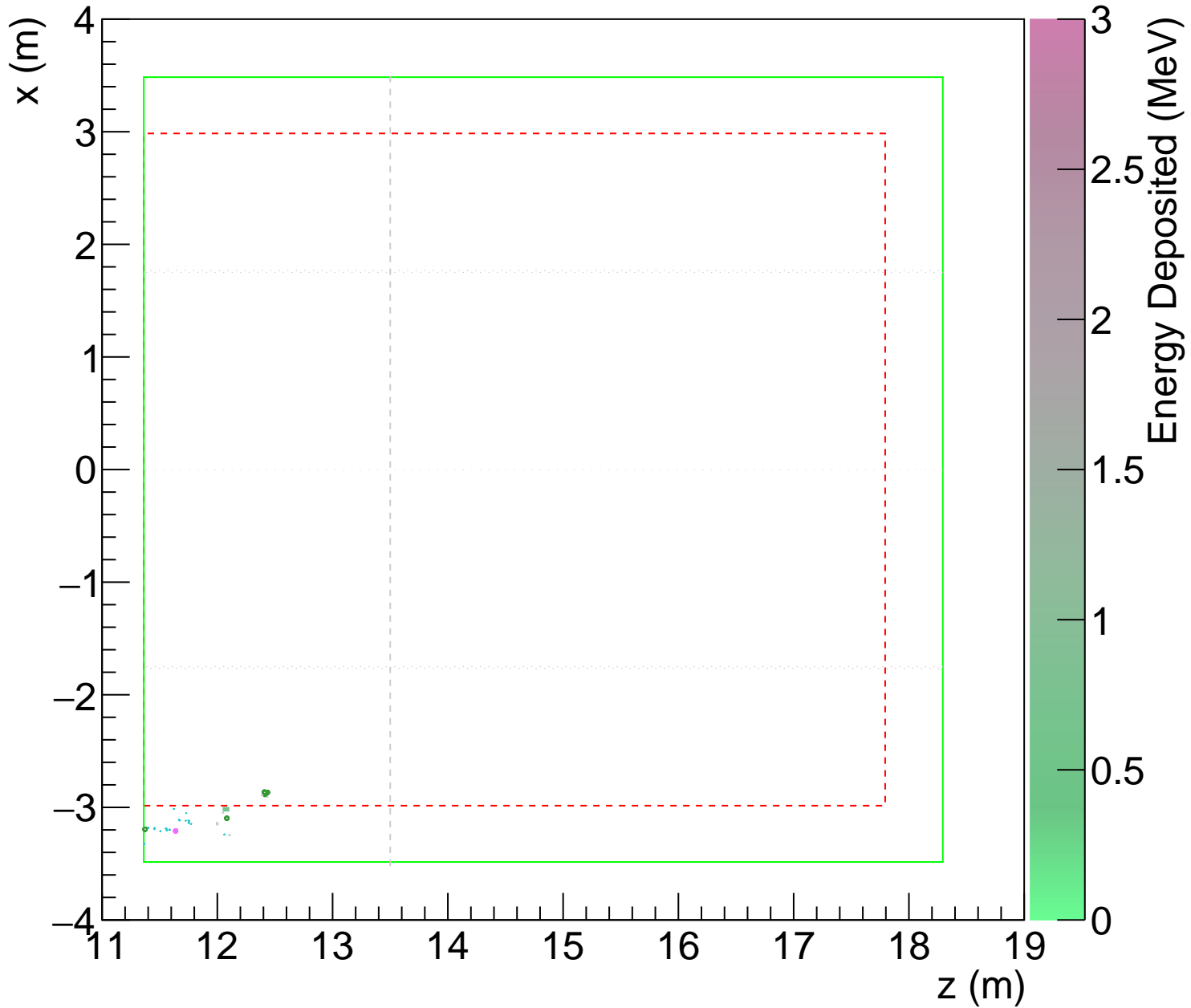
nLines: 3, nClusters: 2



Event 183, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.33$  GeV,  $E_{\mu}^{\text{true}}=0.33$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

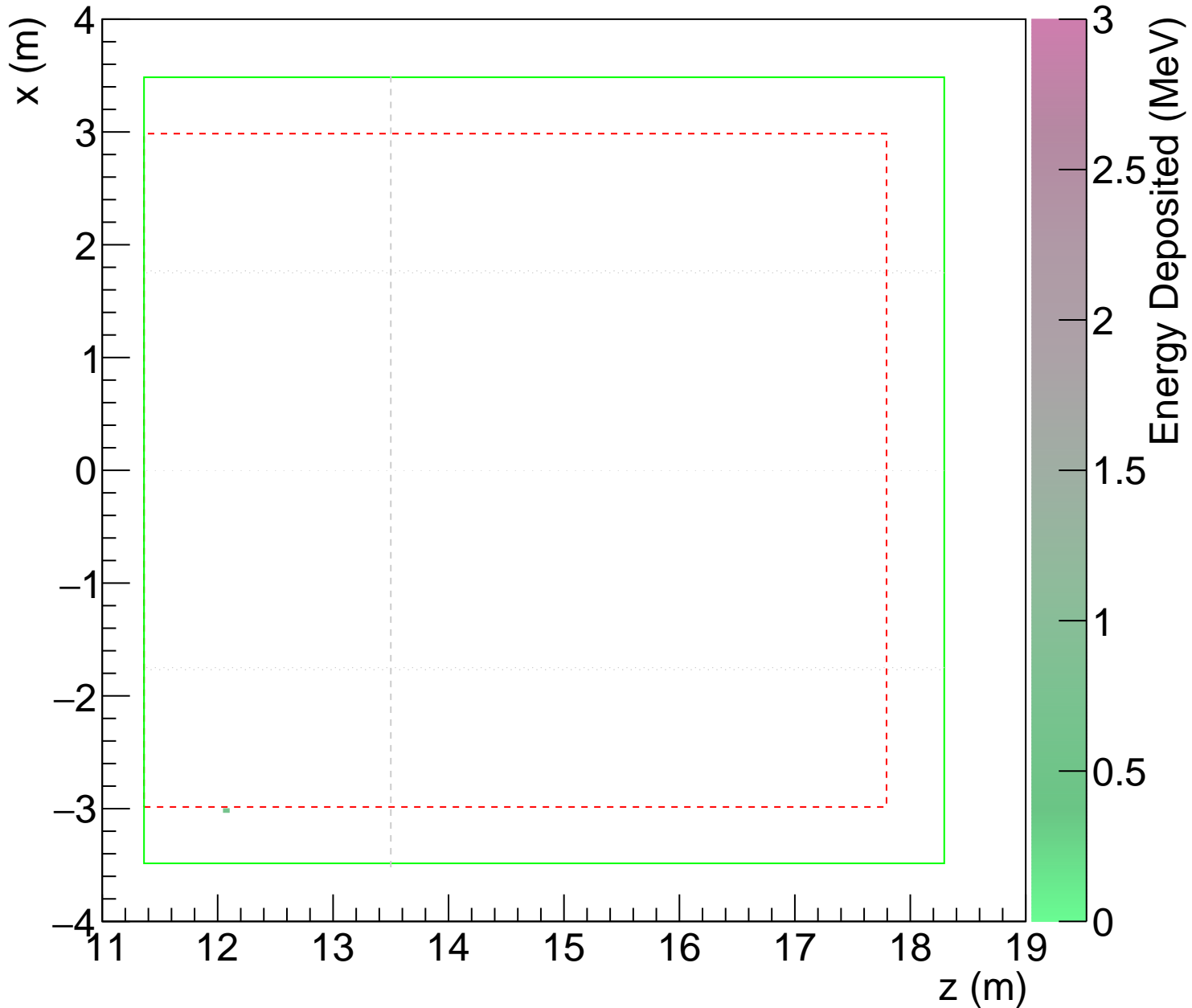


Event 183, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.33$  GeV,  $E_{\mu}^{\text{true}}=0.33$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

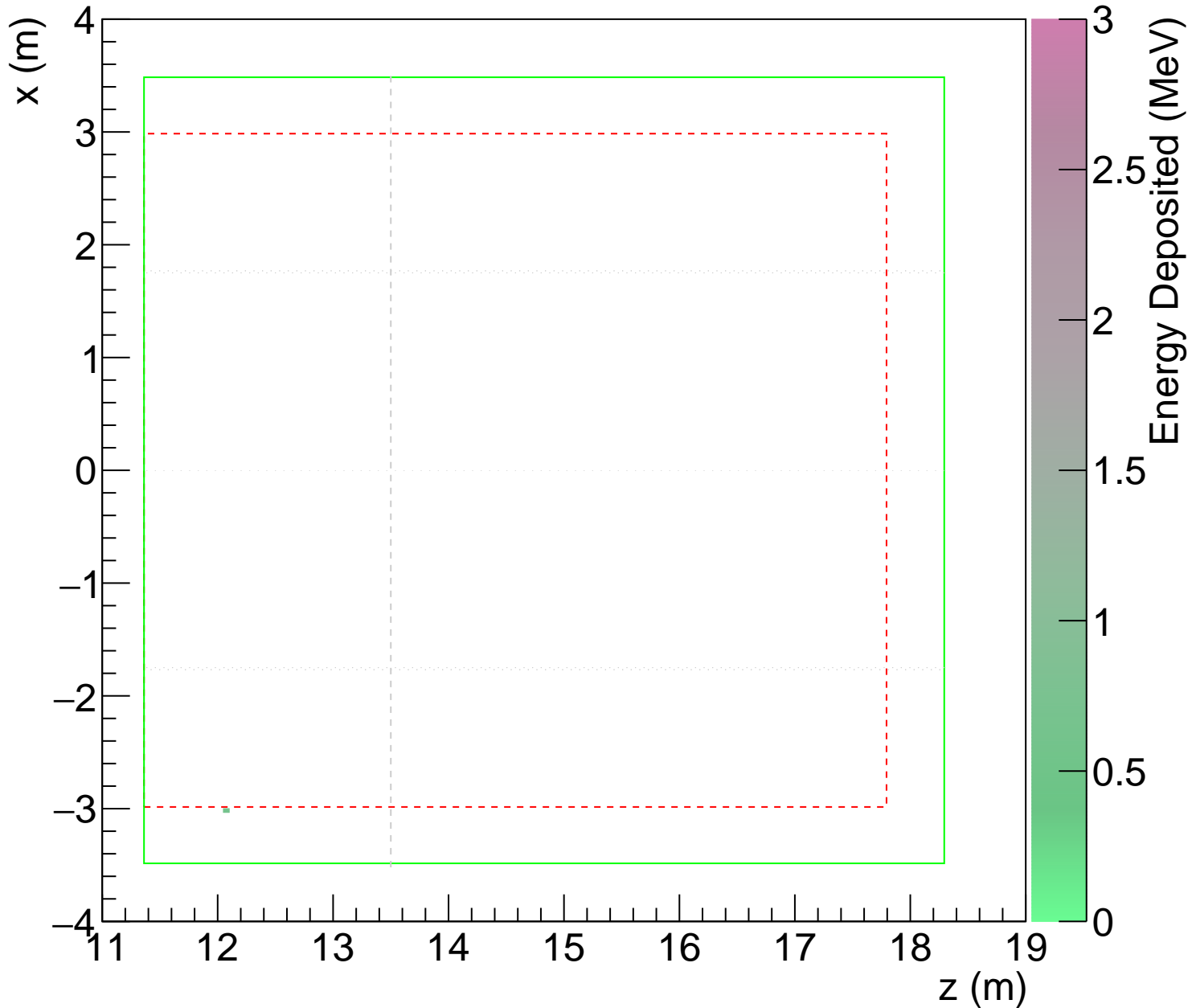


# Event 183 reconstructed

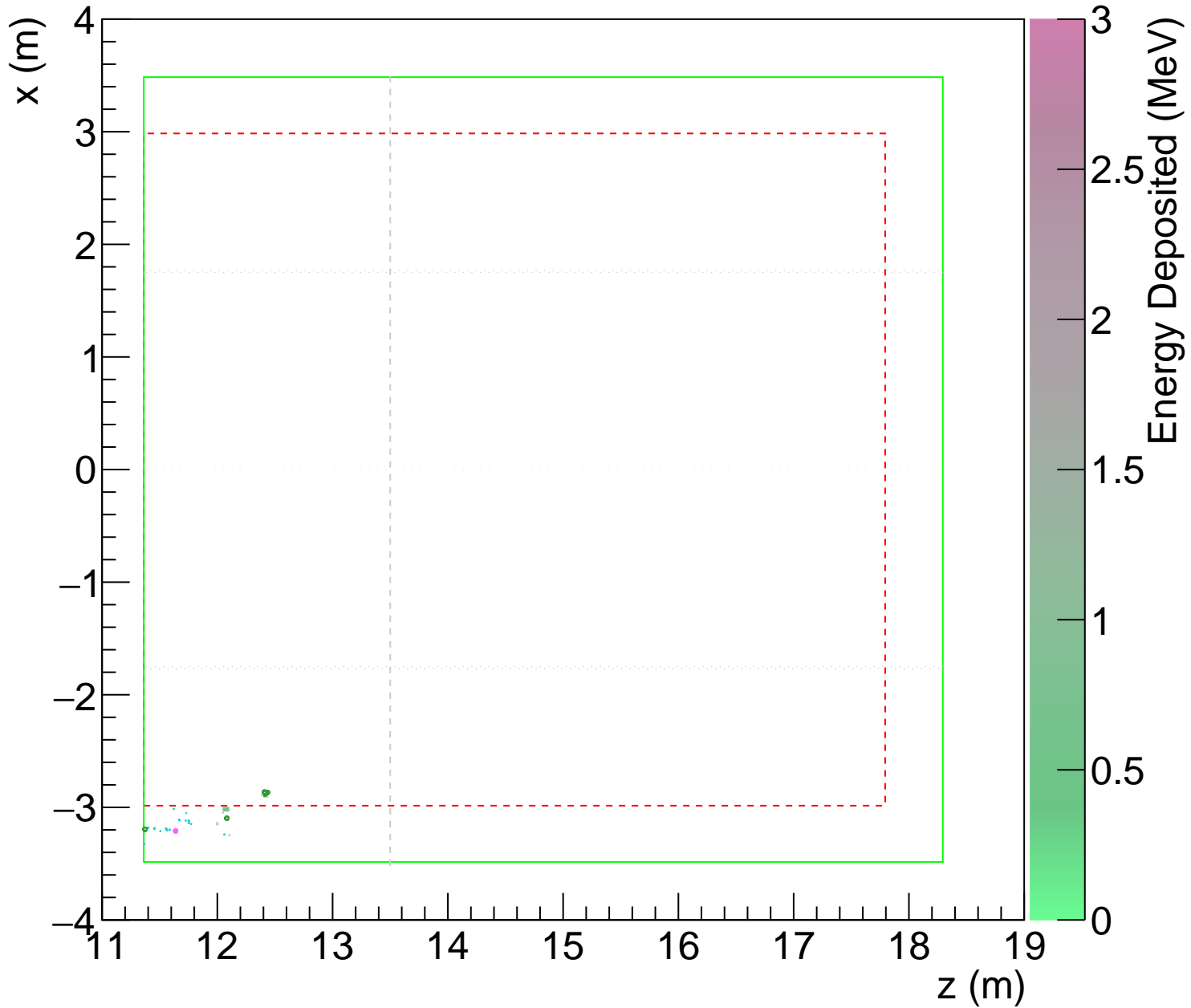
nLines: 0, nClusters: 0



Event 184, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.15$  GeV,  $E_{\mu}^{\text{true}}=0.33$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

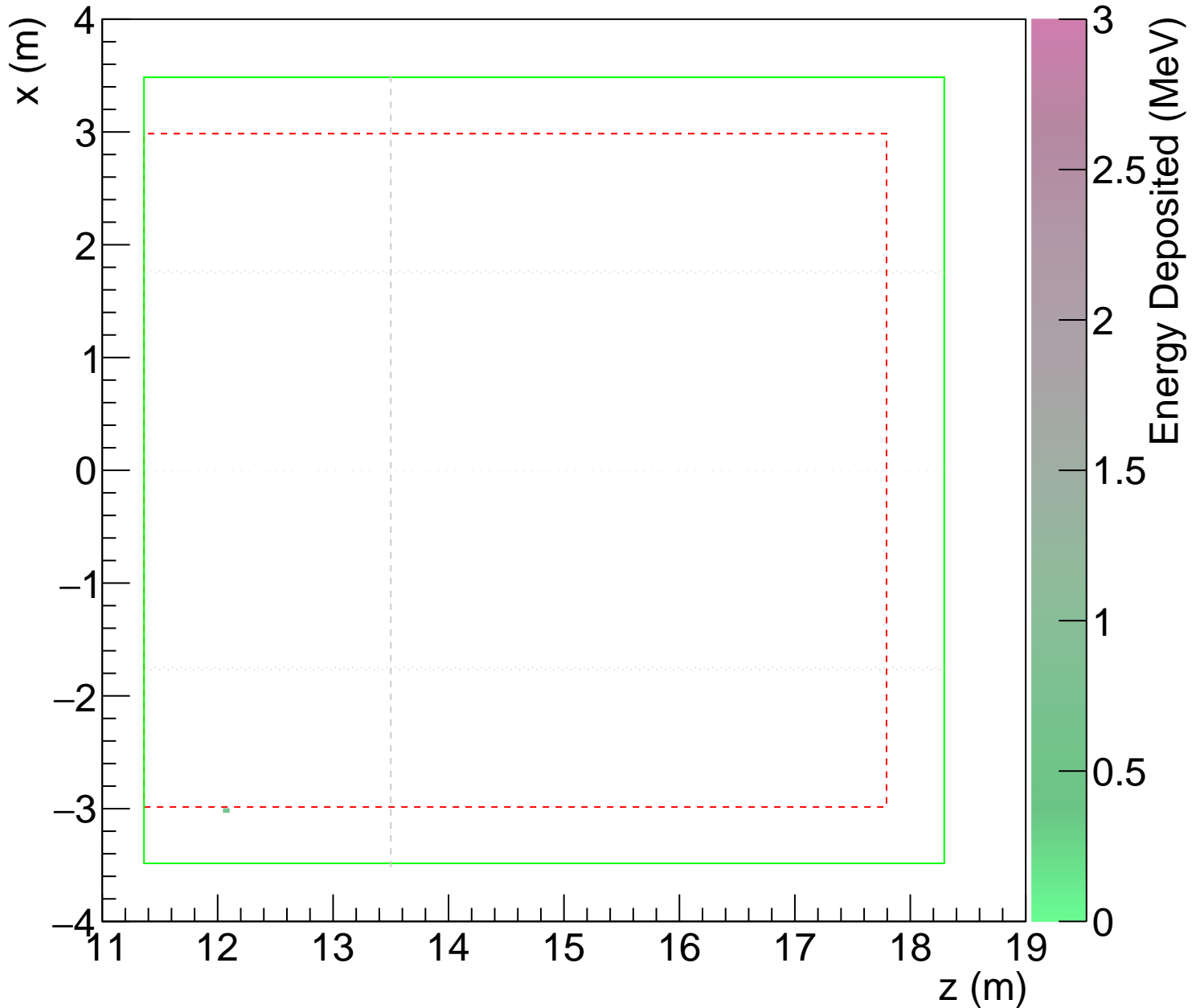


Event 184, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.15$  GeV,  $E_{\mu}^{\text{true}}=0.33$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

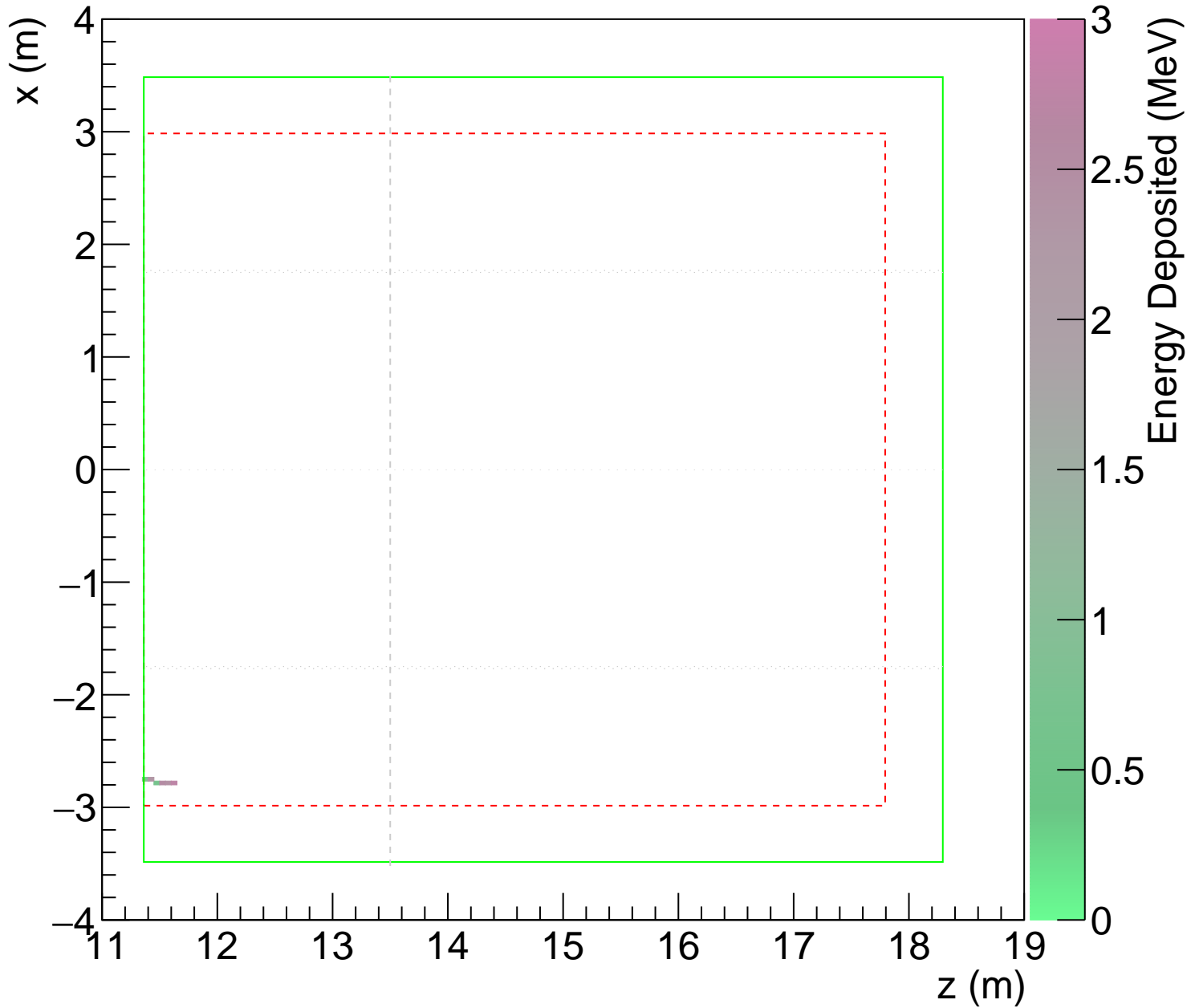


# Event 184 reconstructed

nLines: 0, nClusters: 0

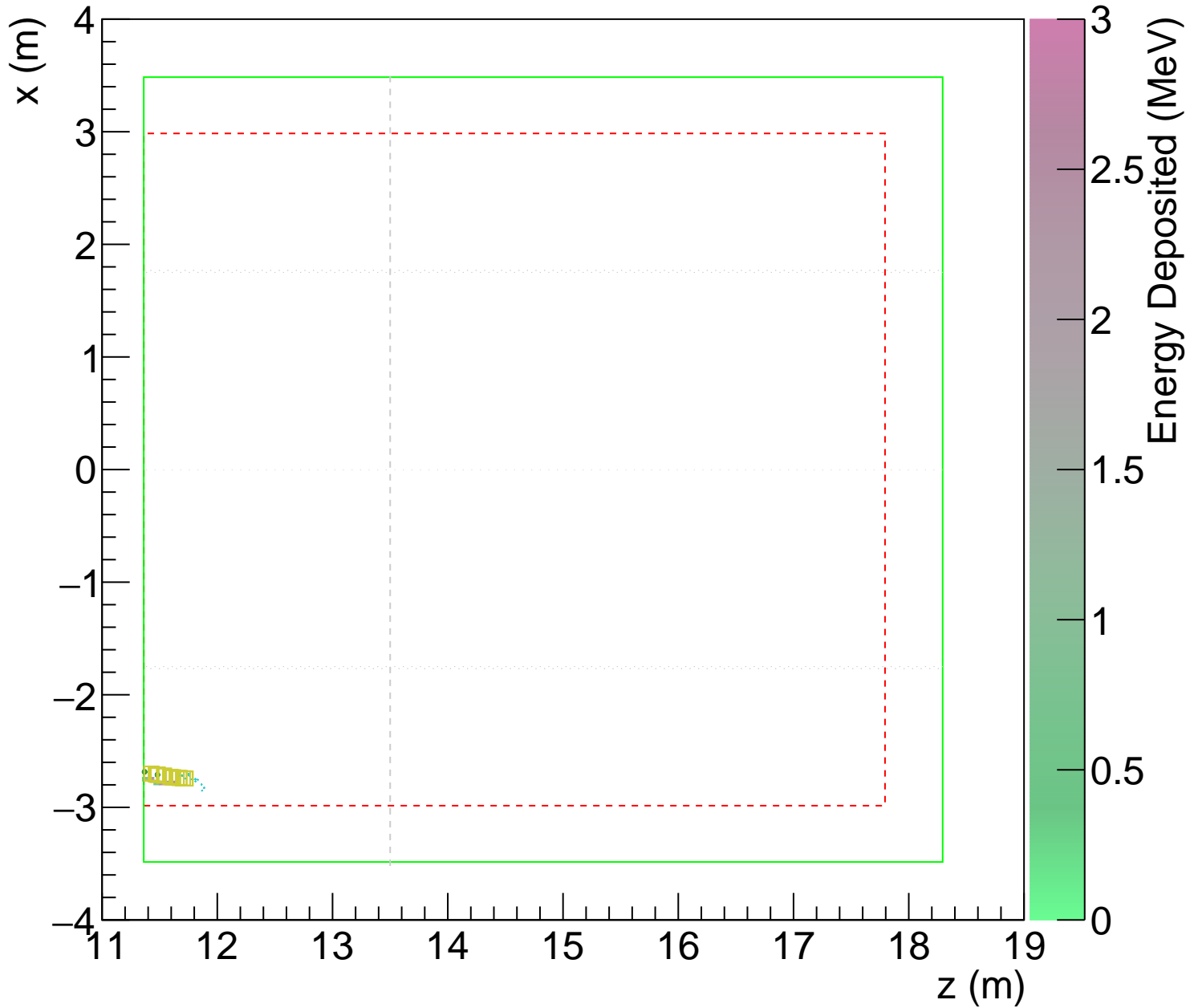


Event 188, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.68$  GeV,  $E_{\mu}^{\text{true}}=0.99$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,



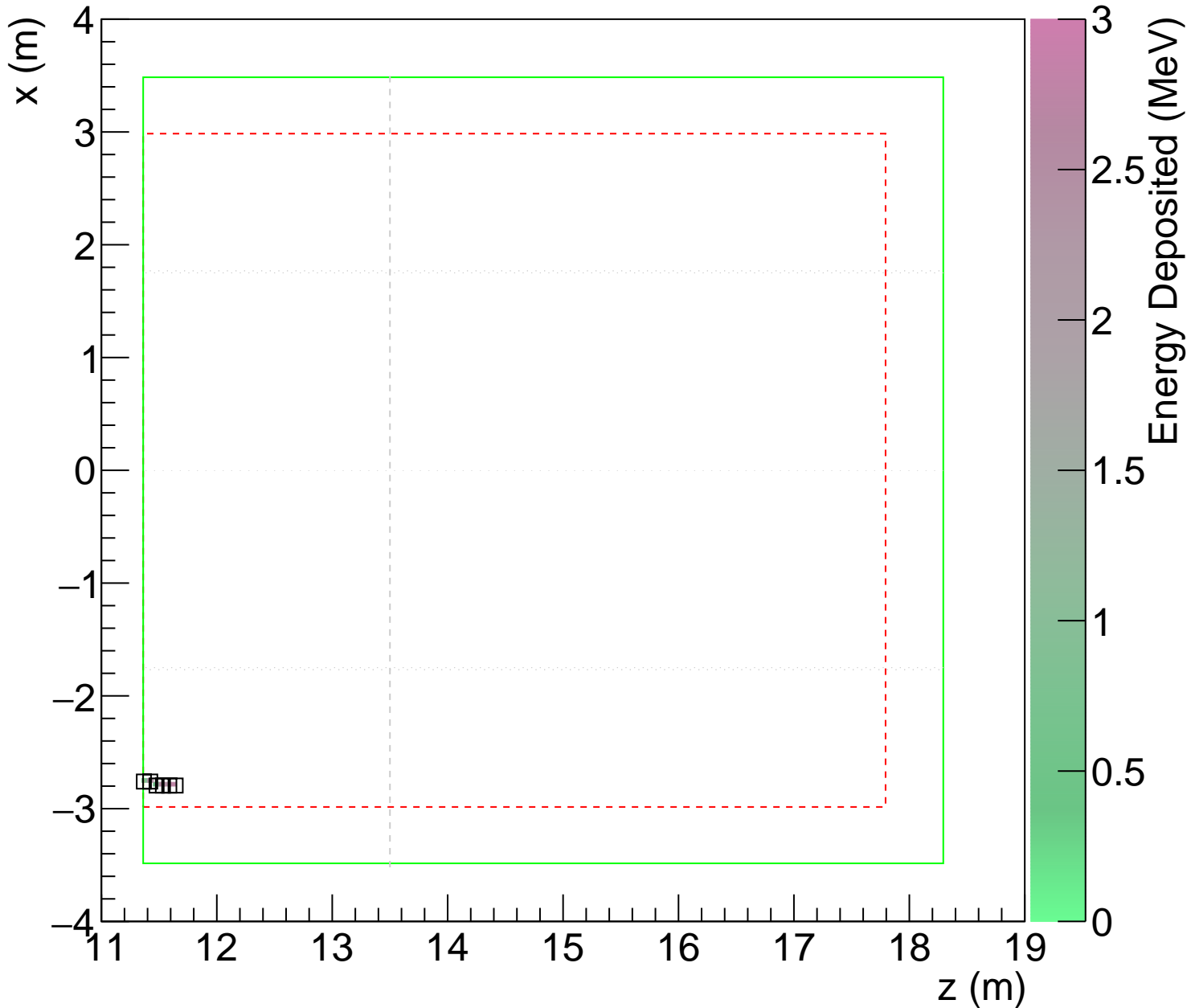


Event 188, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.68$  GeV,  $E_{\mu}^{\text{true}}=0.99$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

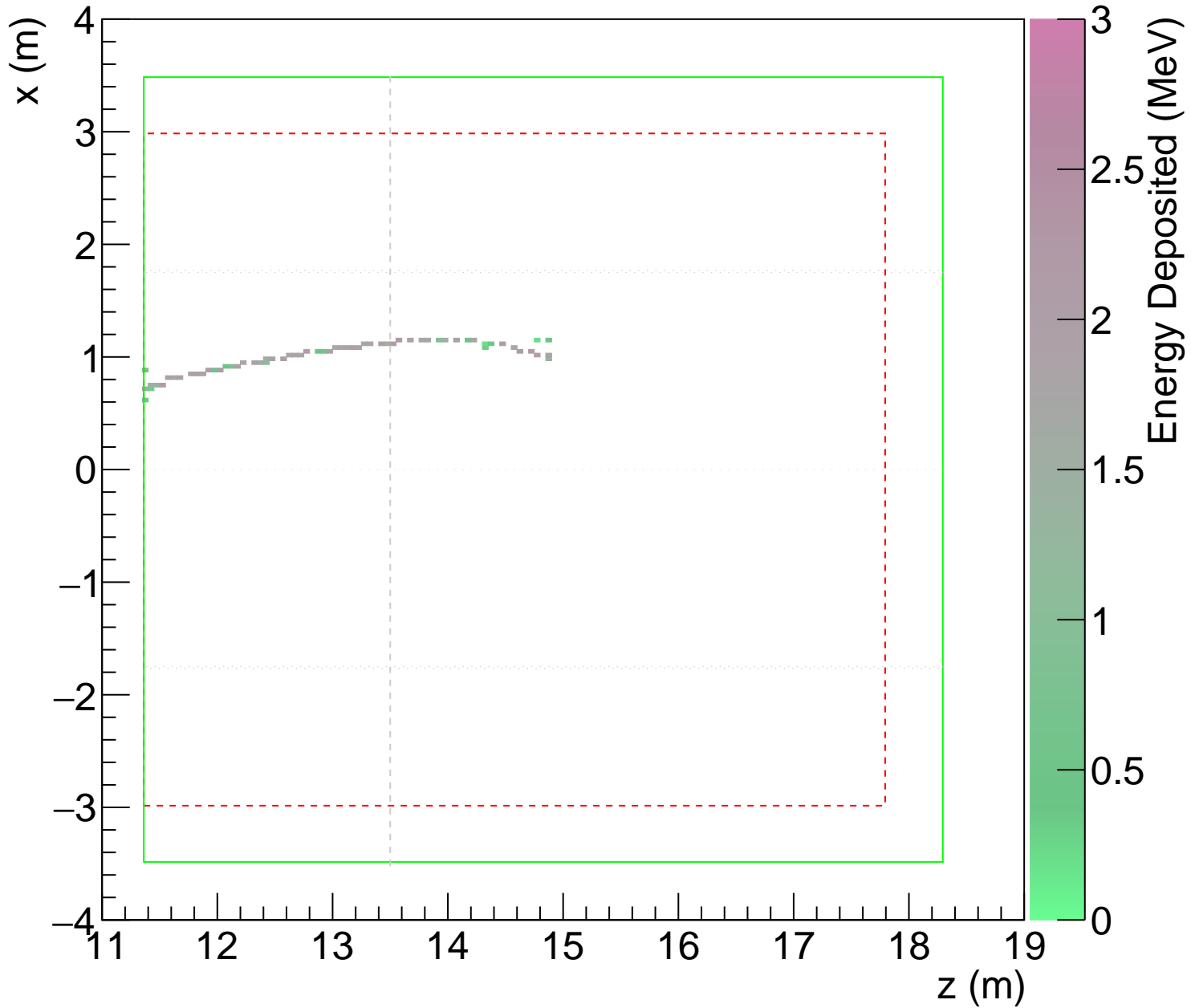


# Event 188 reconstructed

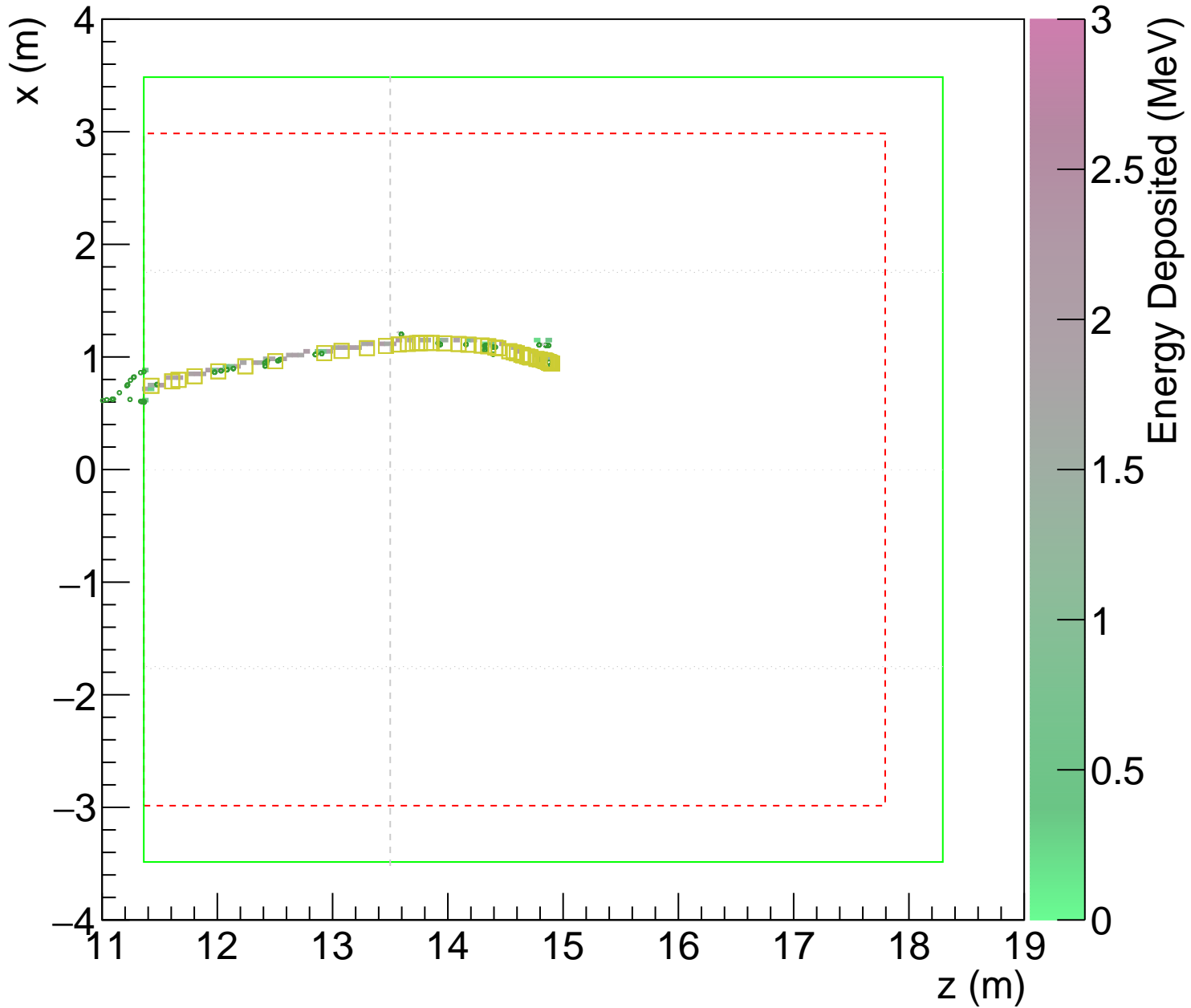
nLines: 1, nClusters: 0



Event 193, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.27$  GeV,  $E_{\mu}^{\text{true}}=2.01$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

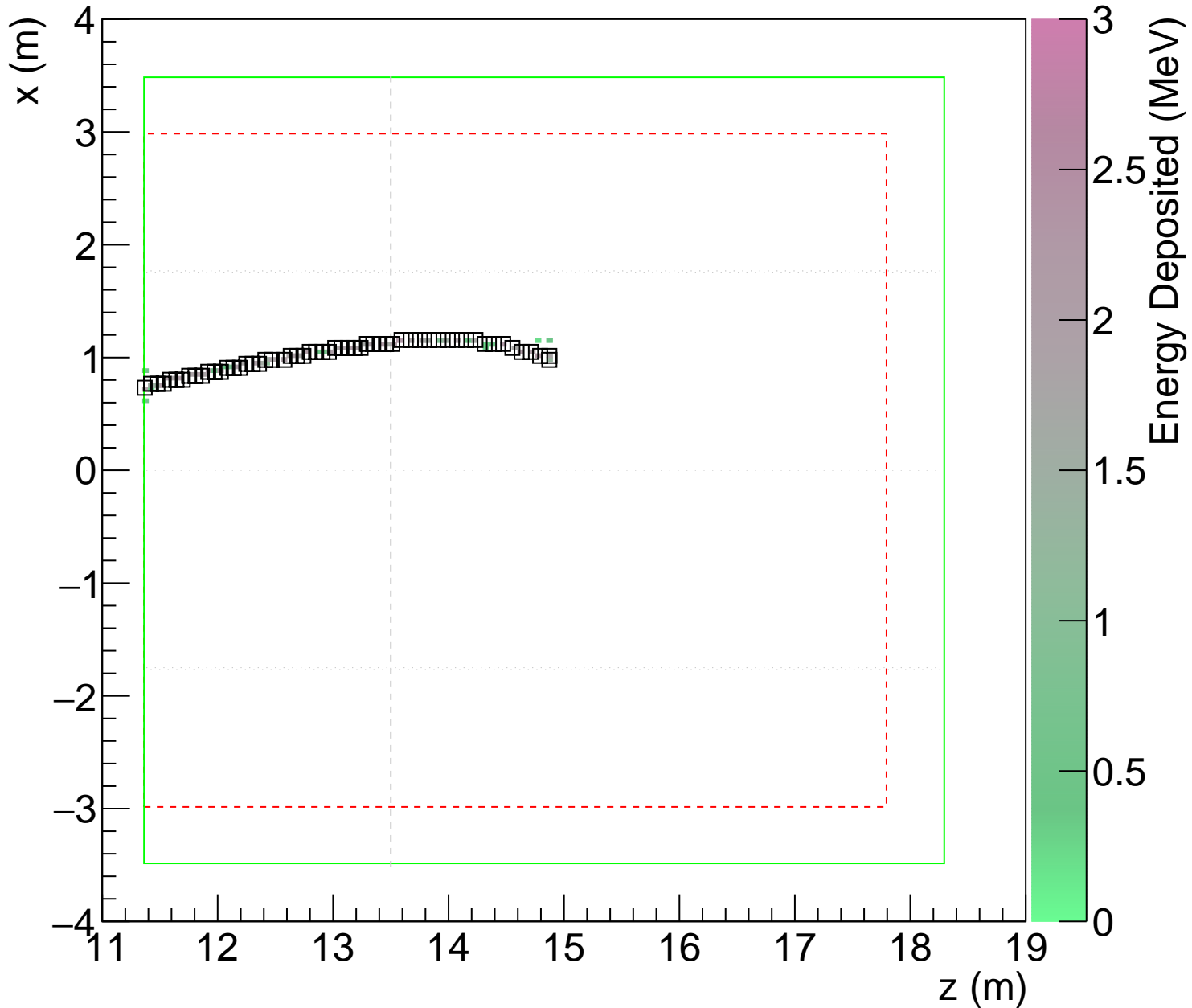


Event 193, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.27$  GeV,  $E_{\mu}^{\text{true}}=2.01$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,

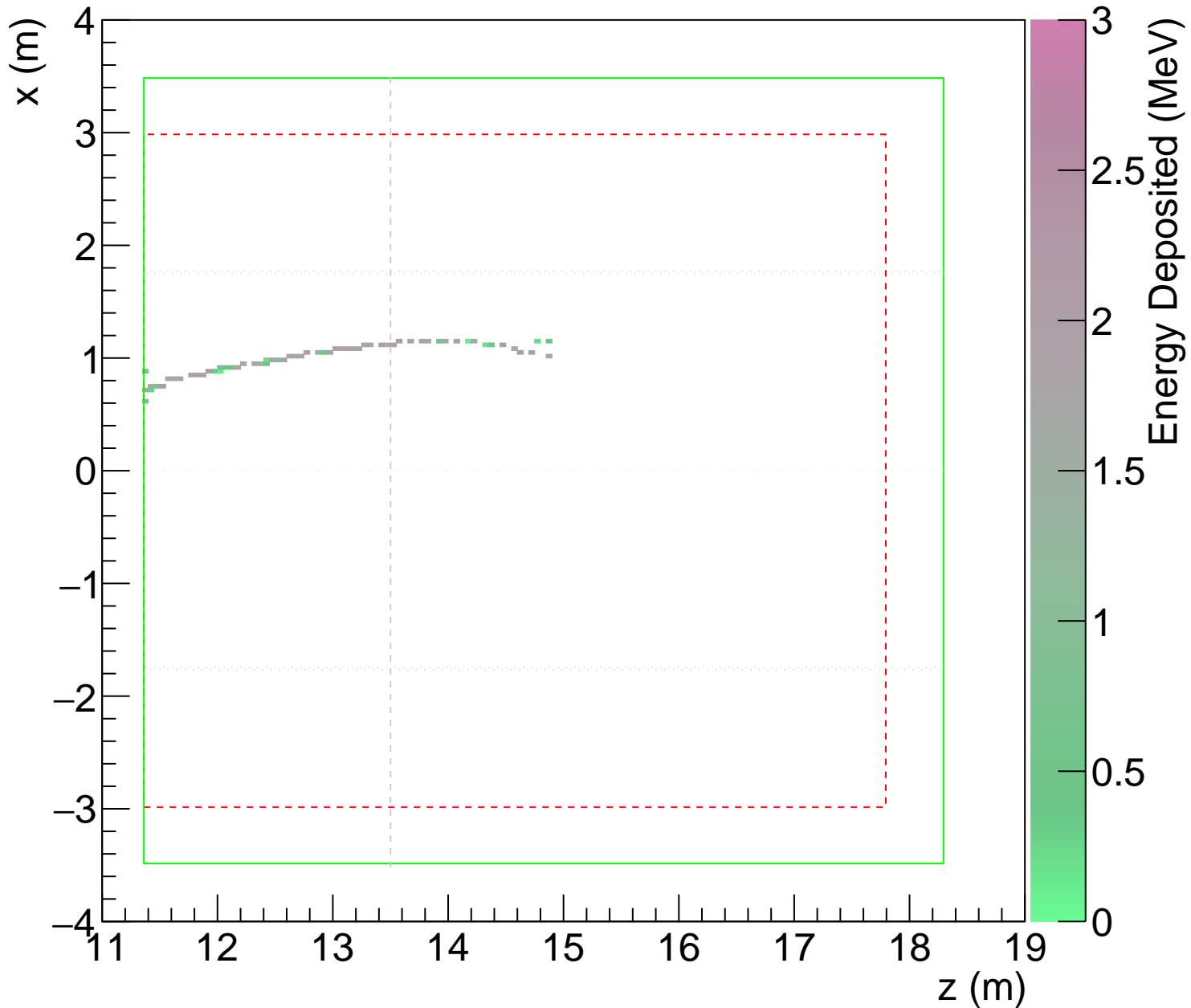


# Event 193 reconstructed

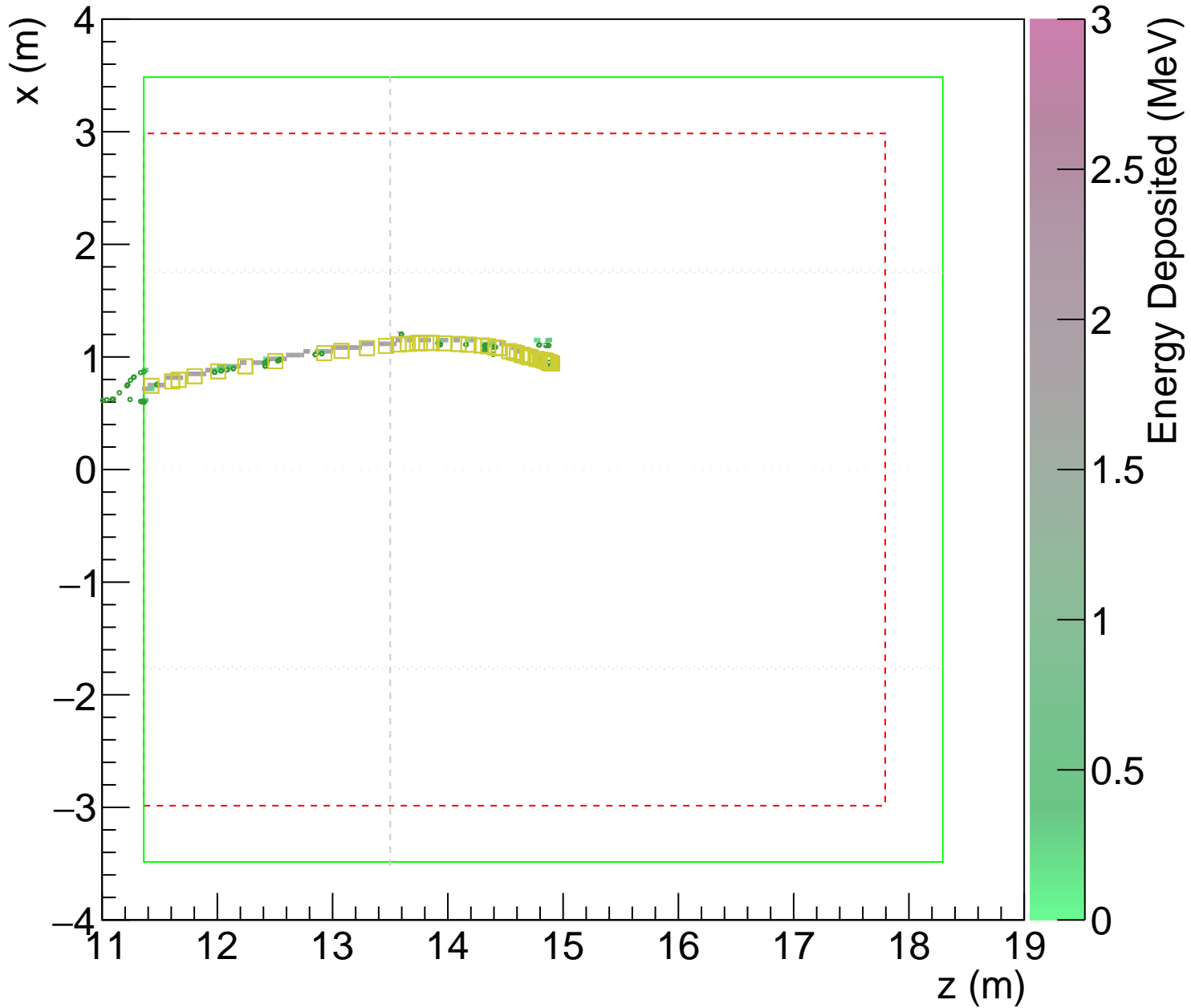
nLines: 1, nClusters: 0



Event 194, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.91$  GeV,  $E_{\mu}^{\text{true}}=2.01$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

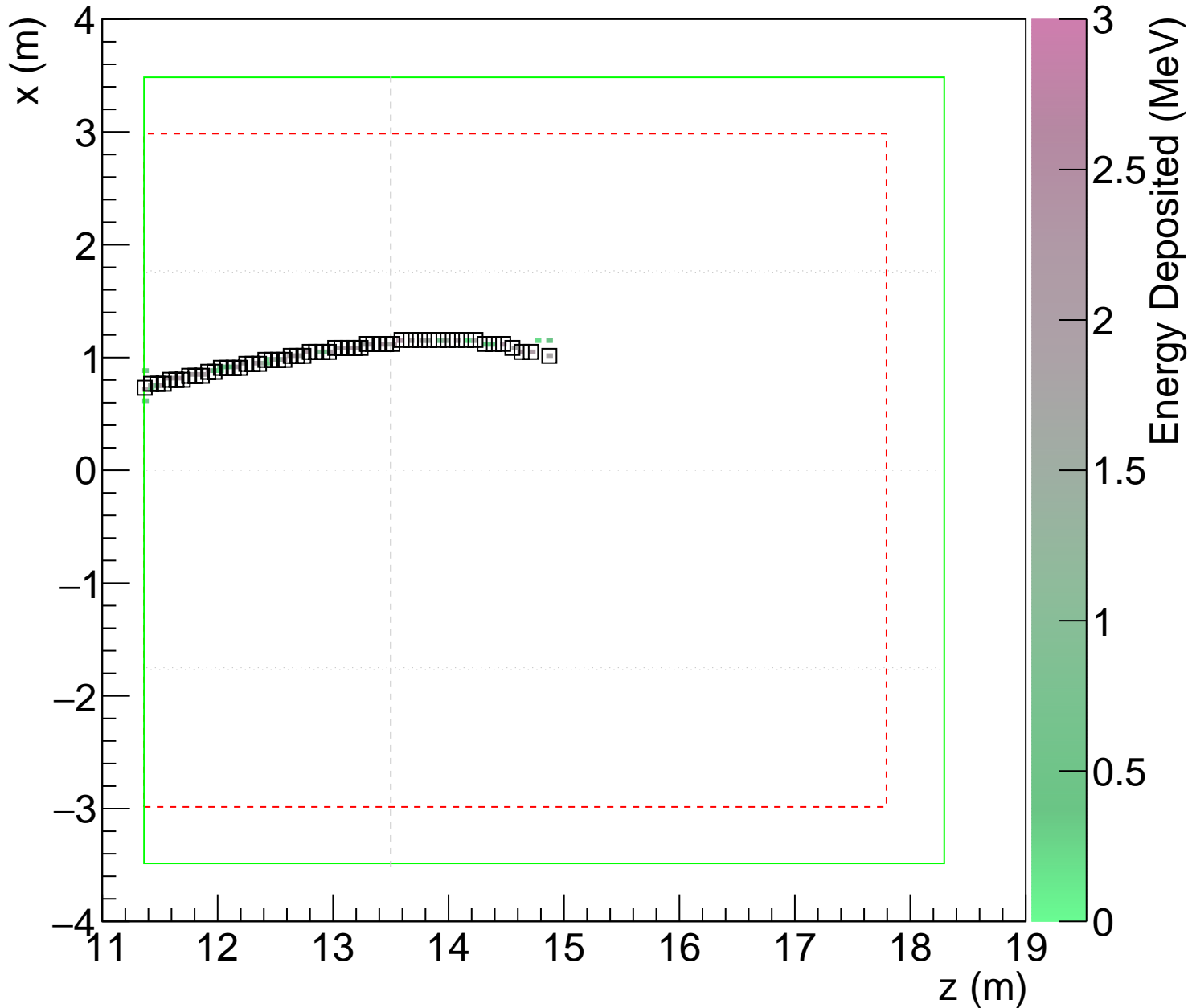


Event 194, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.91$  GeV,  $E_{\mu}^{\text{true}}=2.01$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



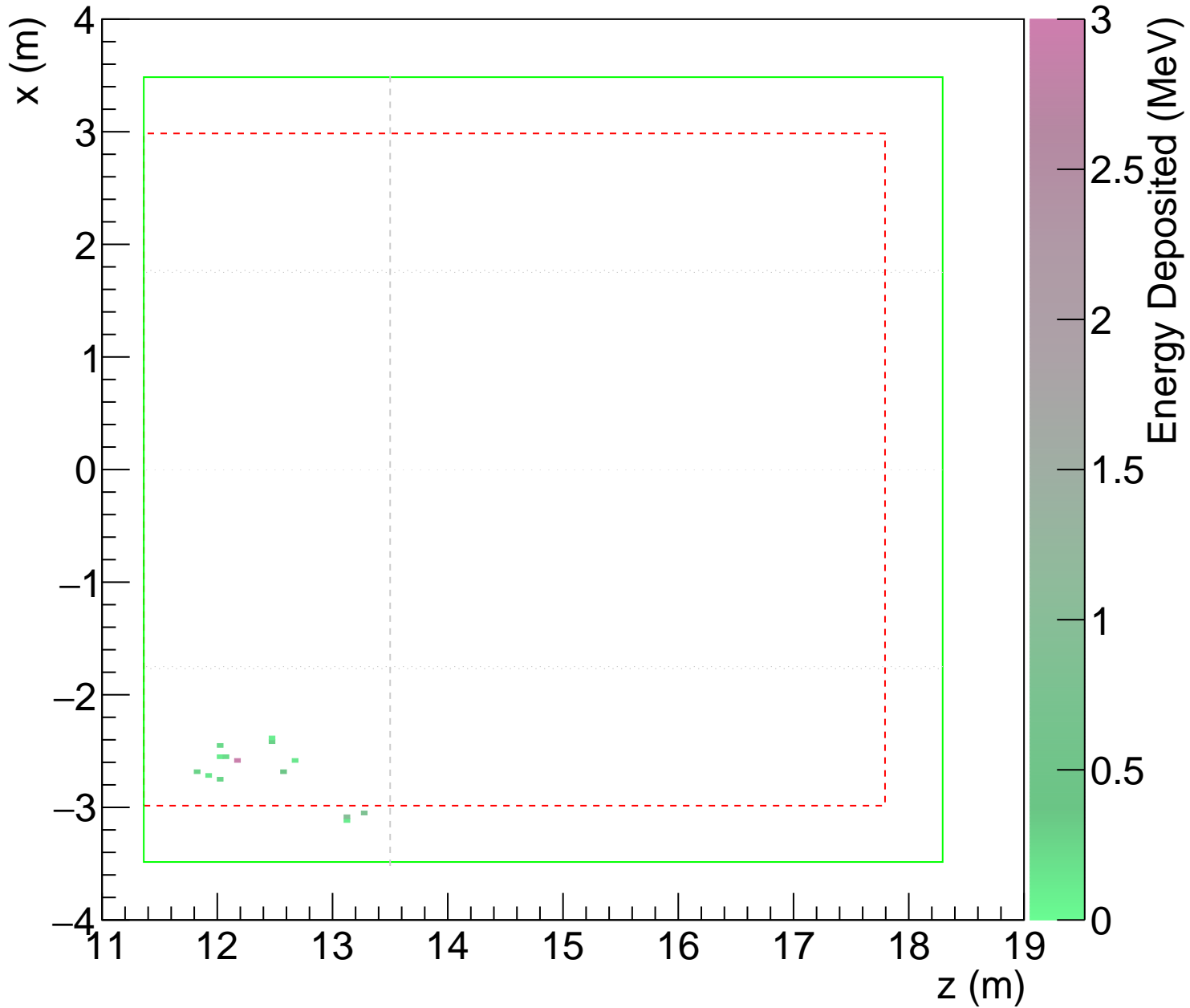
# Event 194 reconstructed

nLines: 1, nClusters: 0

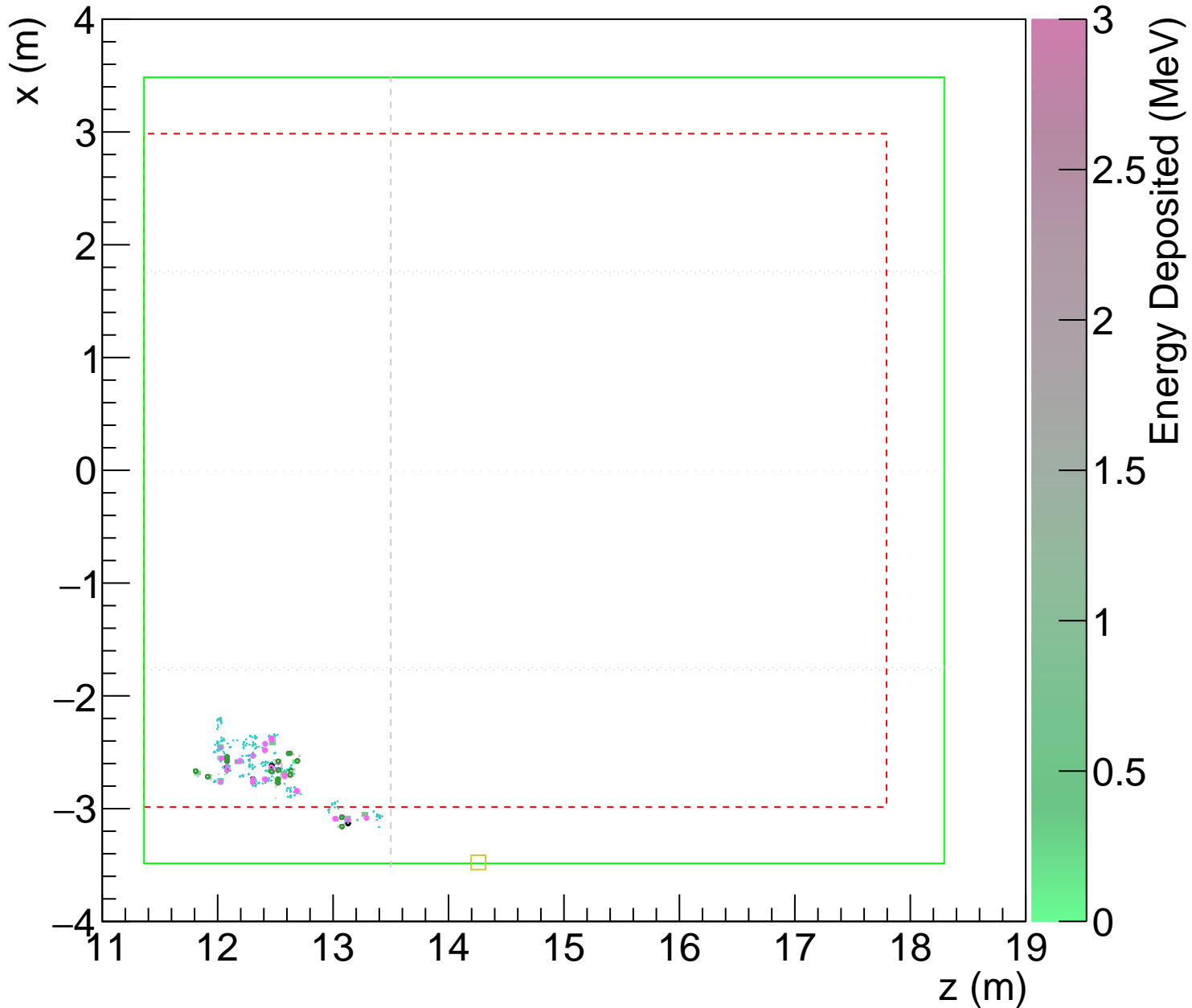




Event 195, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.85$  GeV,  $E_{\mu}^{\text{true}}=2.02$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

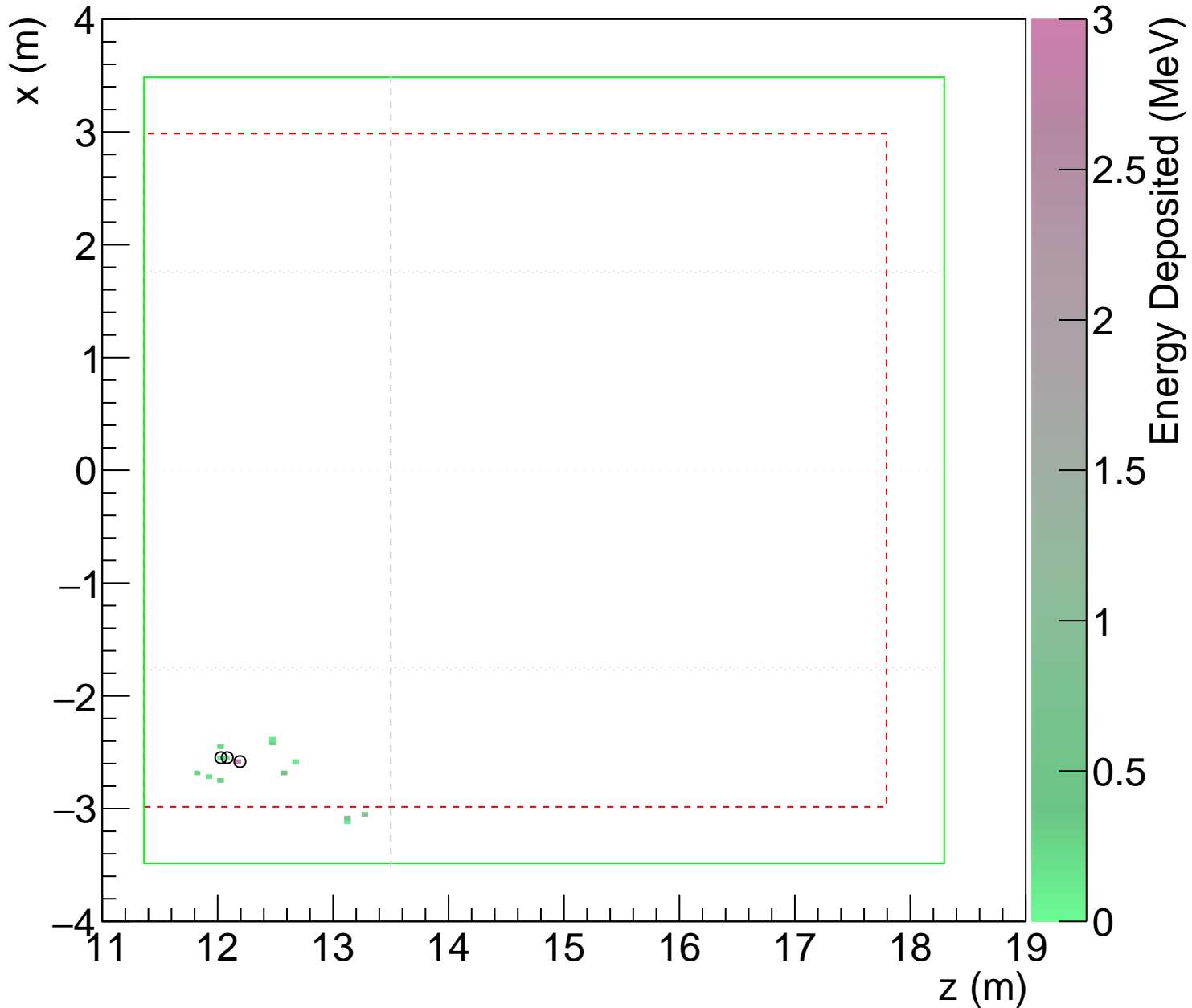


Event 195, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.85$  GeV,  $E_{\mu}^{\text{true}}=2.02$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

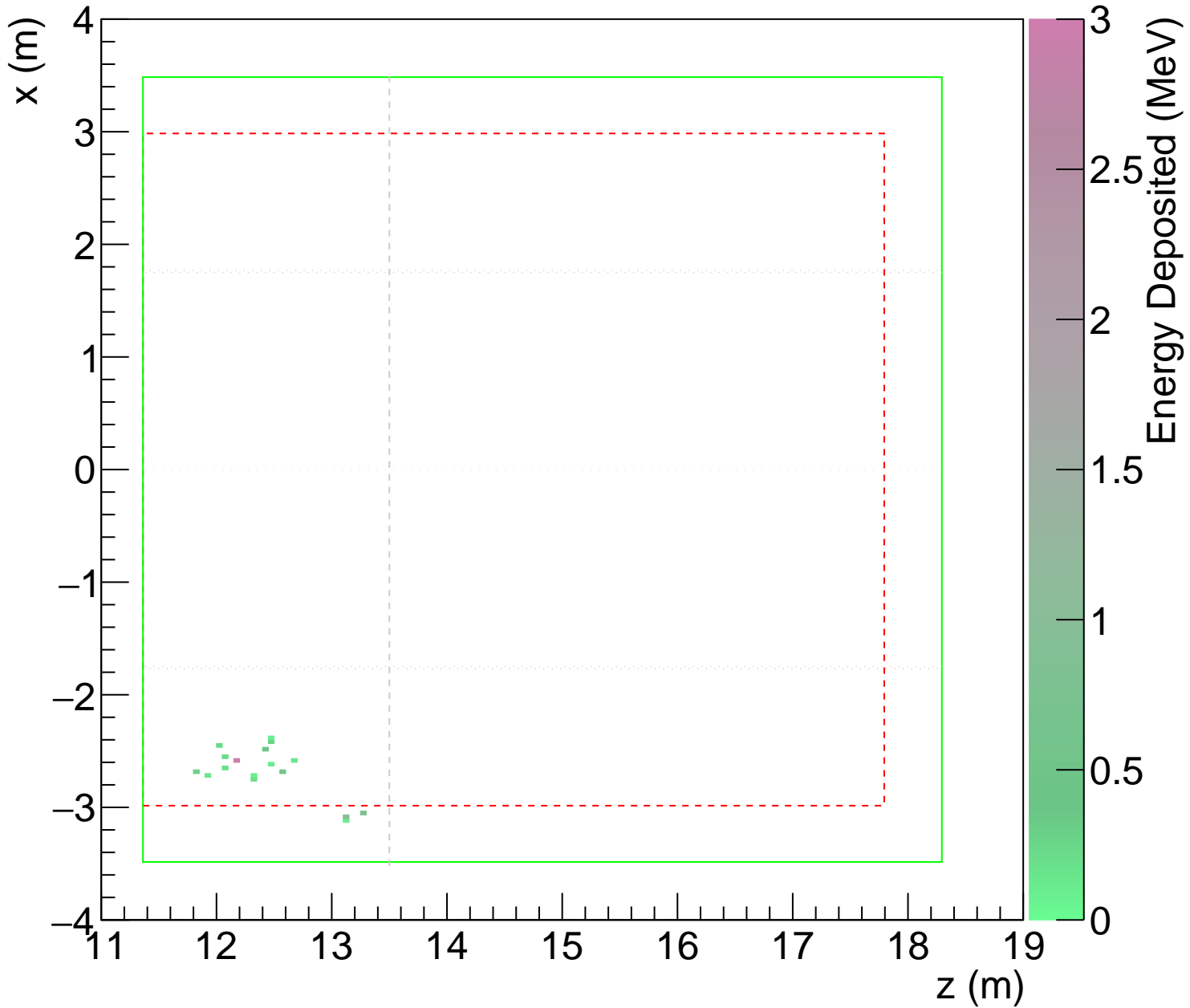


# Event 195 reconstructed

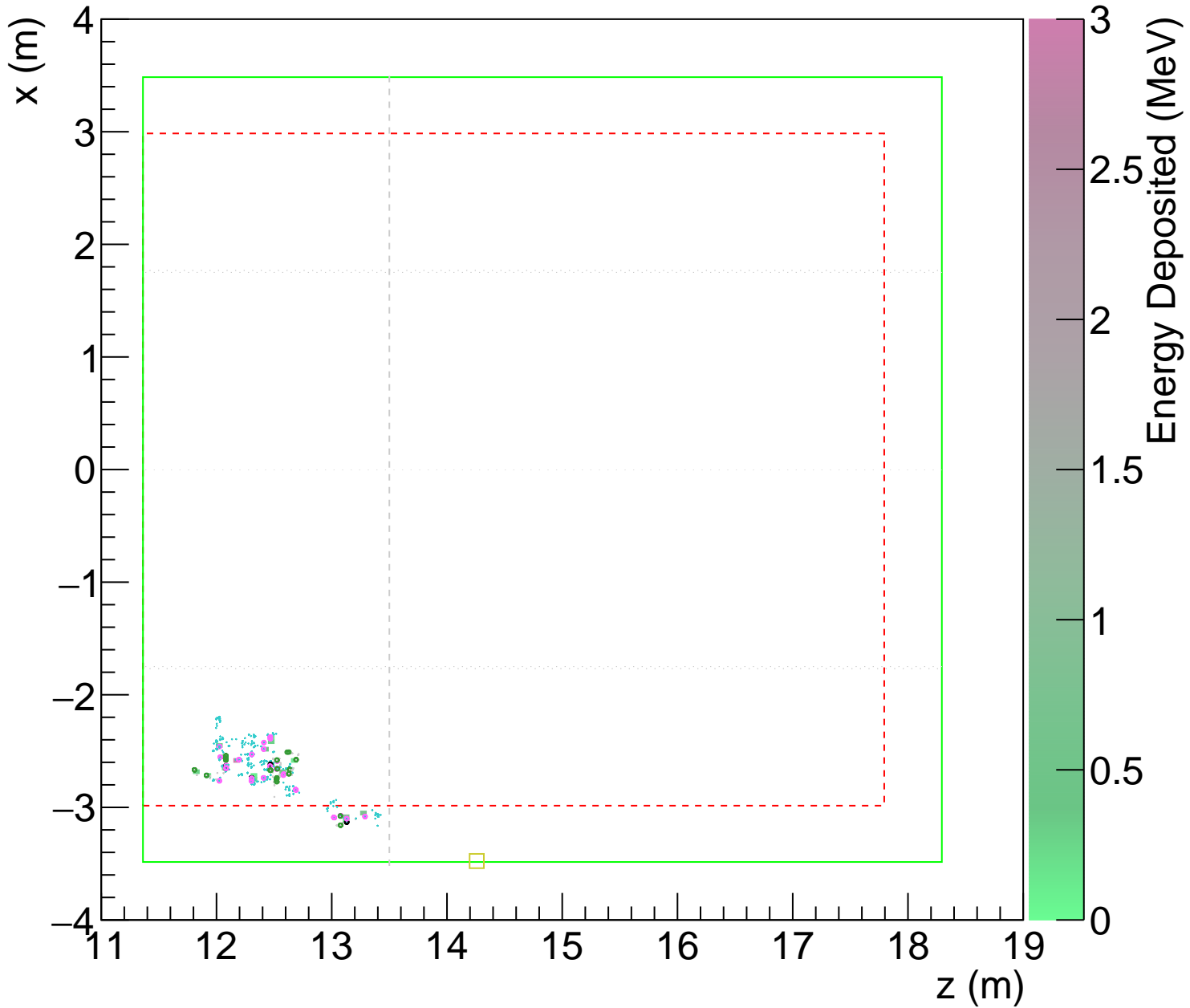
nLines: 0, nClusters: 2



Event 196, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=1.44$  GeV,  $E_{\mu}^{\text{true}}=2.02$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[NC],QES,

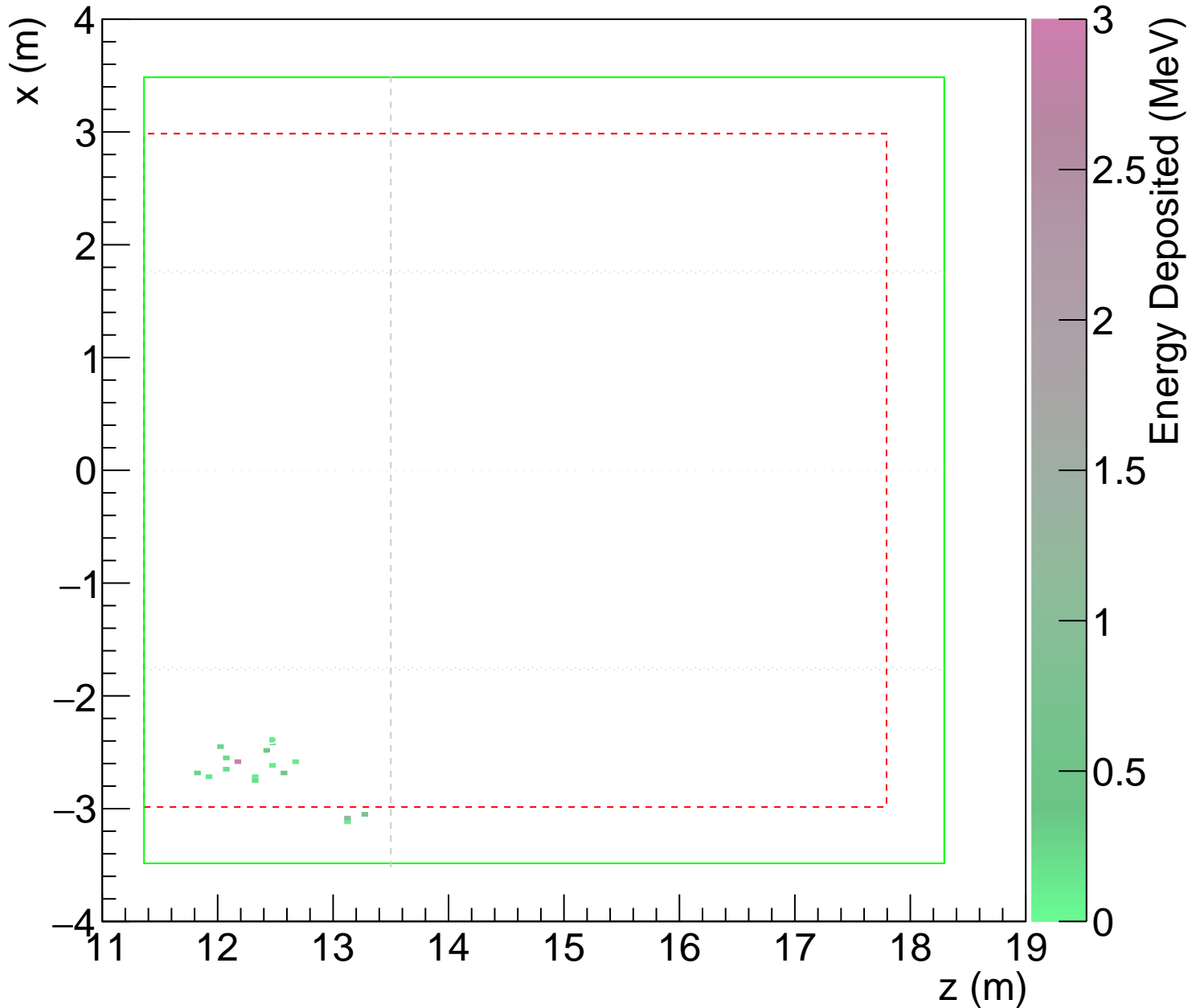


Event 196, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=1.44$  GeV,  $E_{\mu}^{\text{true}}=2.02$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[NC],QES,

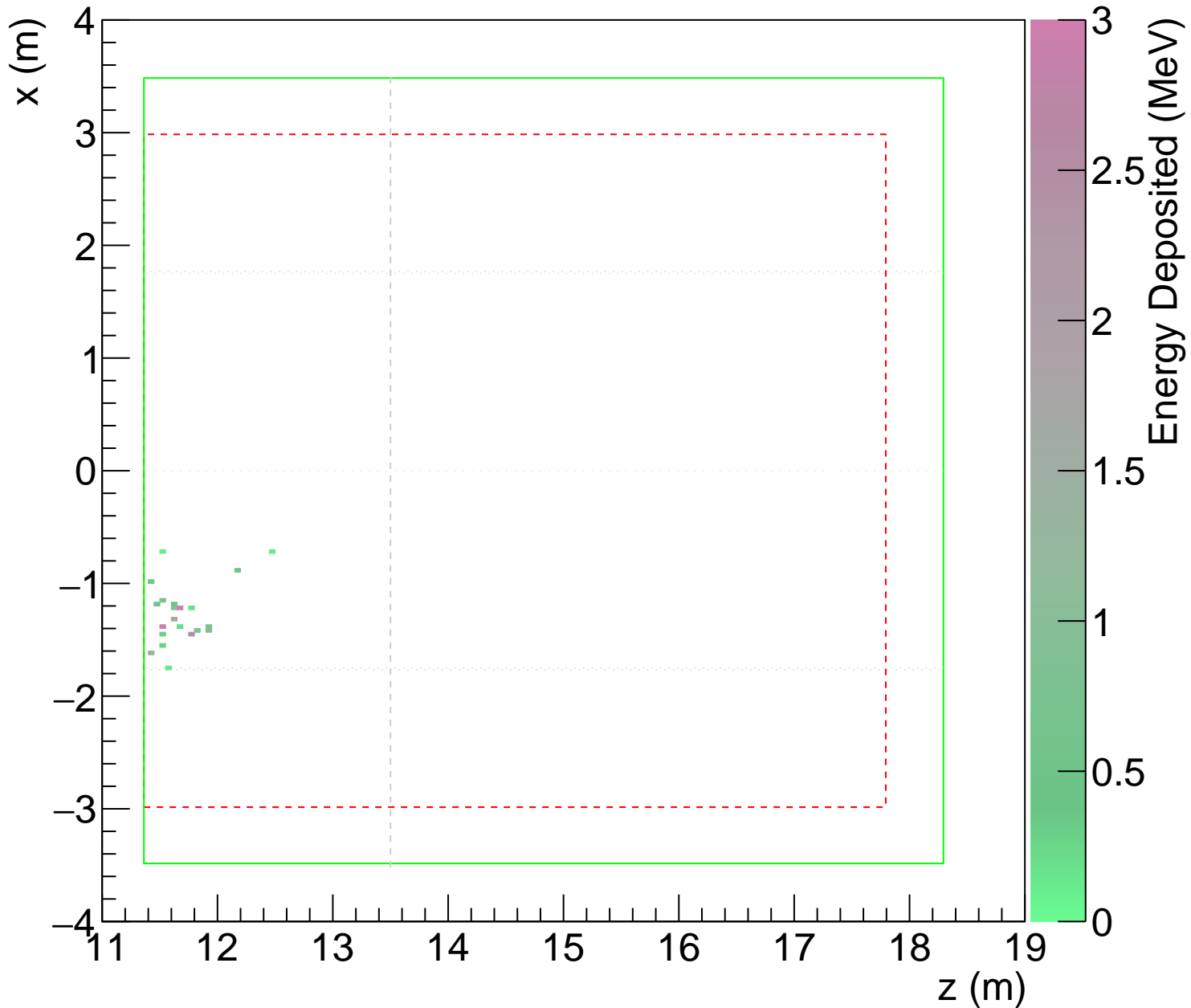


# Event 196 reconstructed

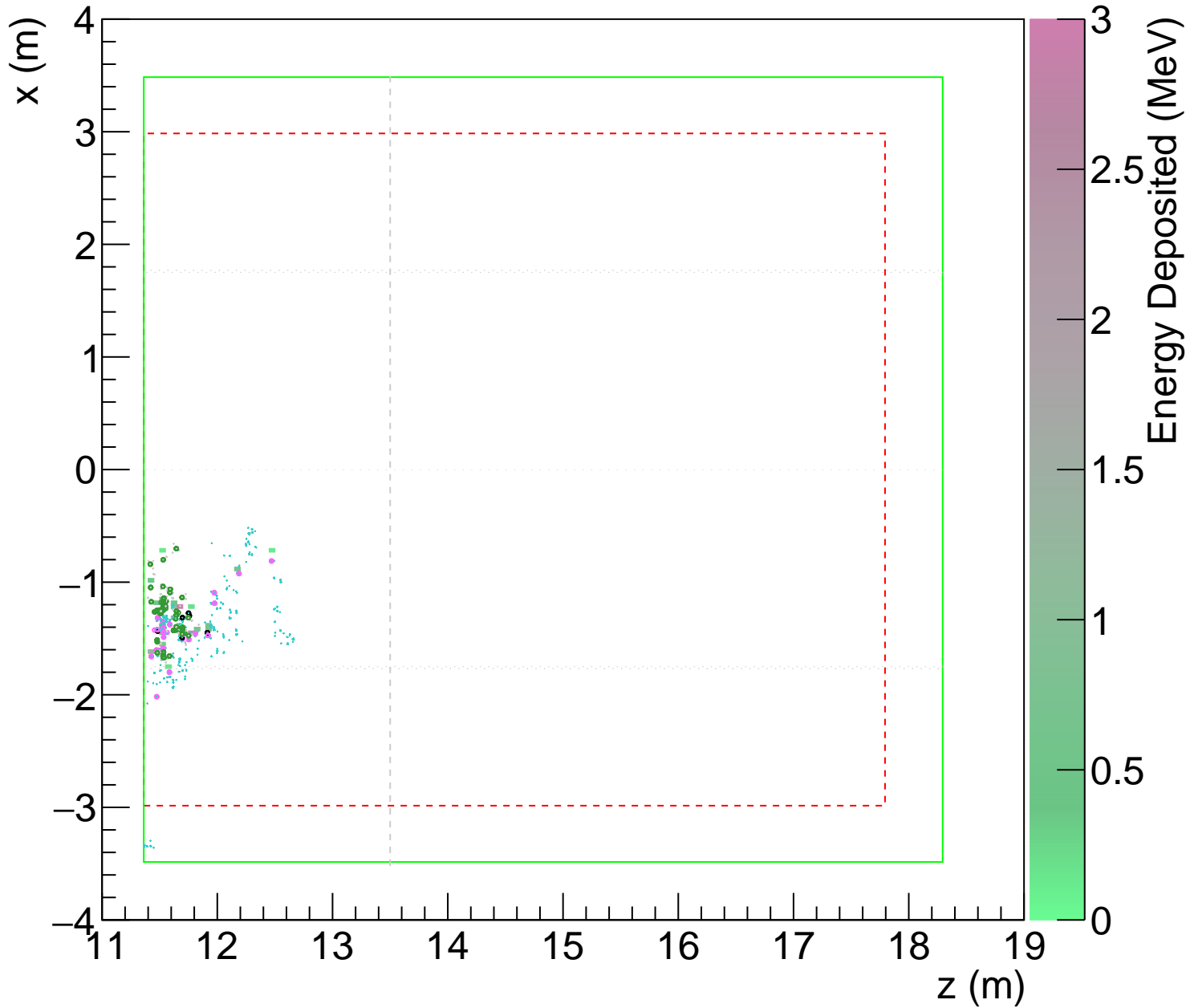
nLines: 0, nClusters: 1



Event 198, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.89$  GeV,  $E_{\mu}^{\text{true}}=0.45$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:8,



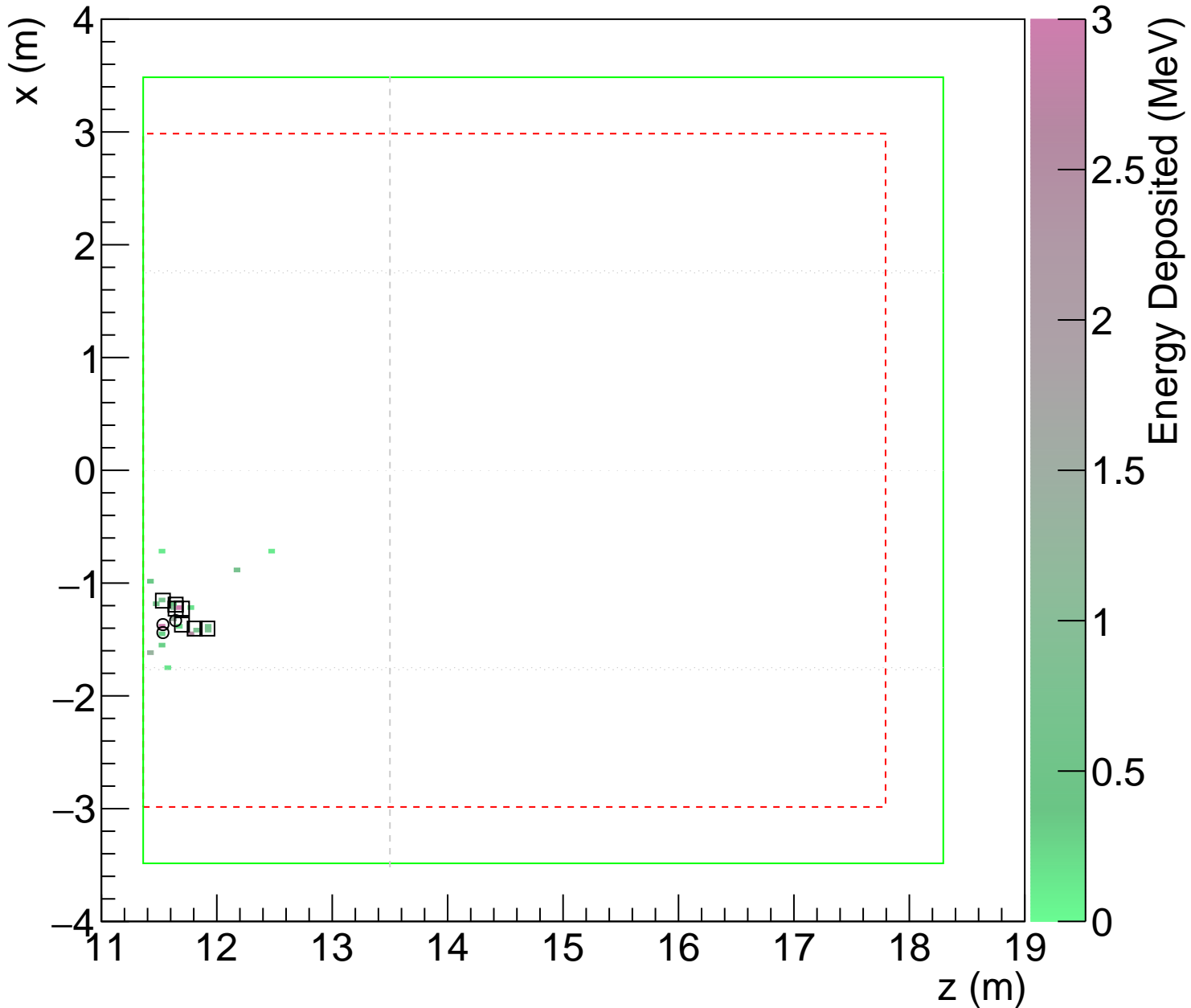
Event 198, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.89$  GeV,  $E_{\mu}^{\text{true}}=0.45$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:8,



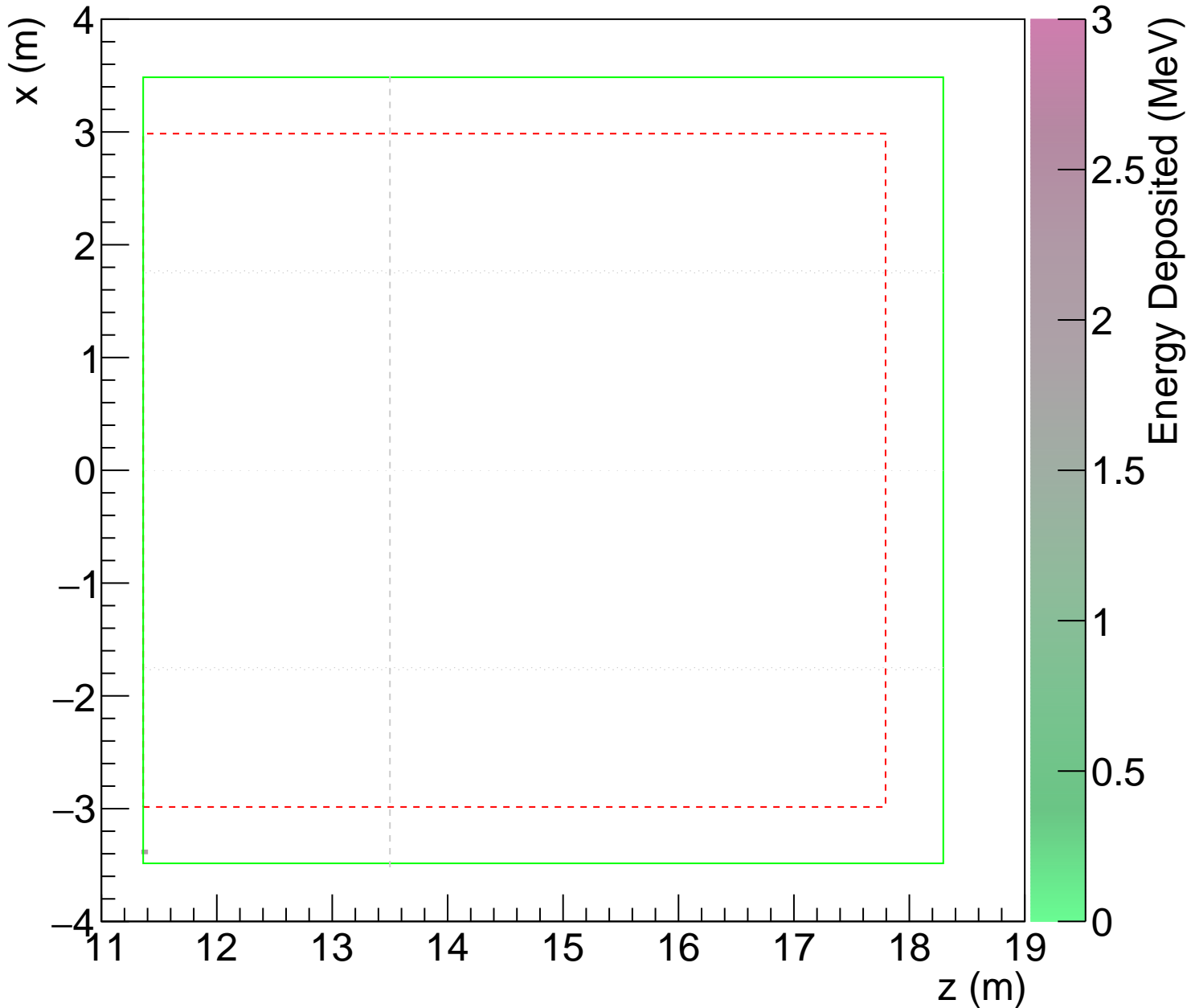


# Event 198 reconstructed

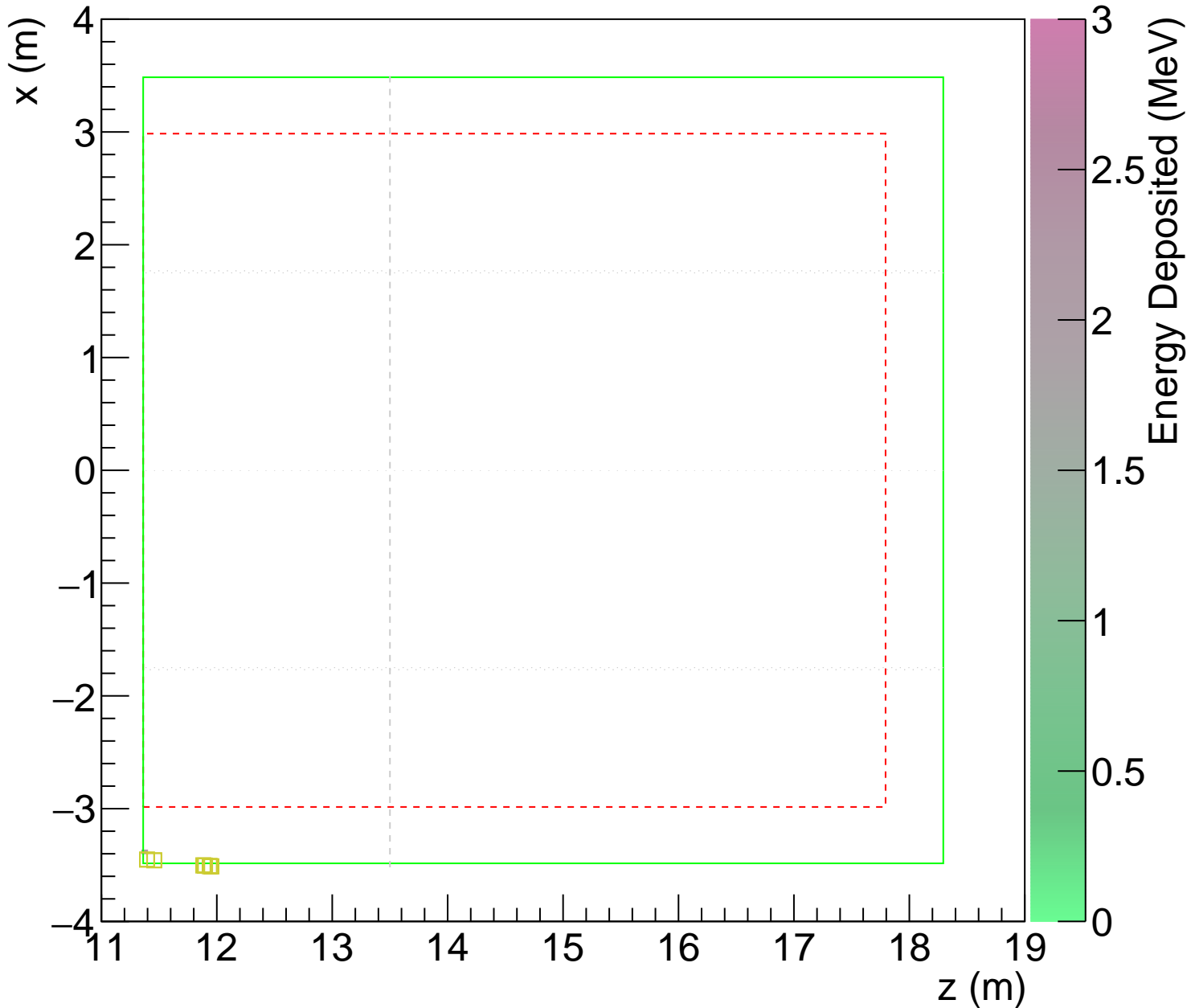
nLines: 1, nClusters: 1



Event 199, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=2.66$  GeV,  $E_{\mu}^{\text{true}}=2.34$  GeV  
nu:-14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,

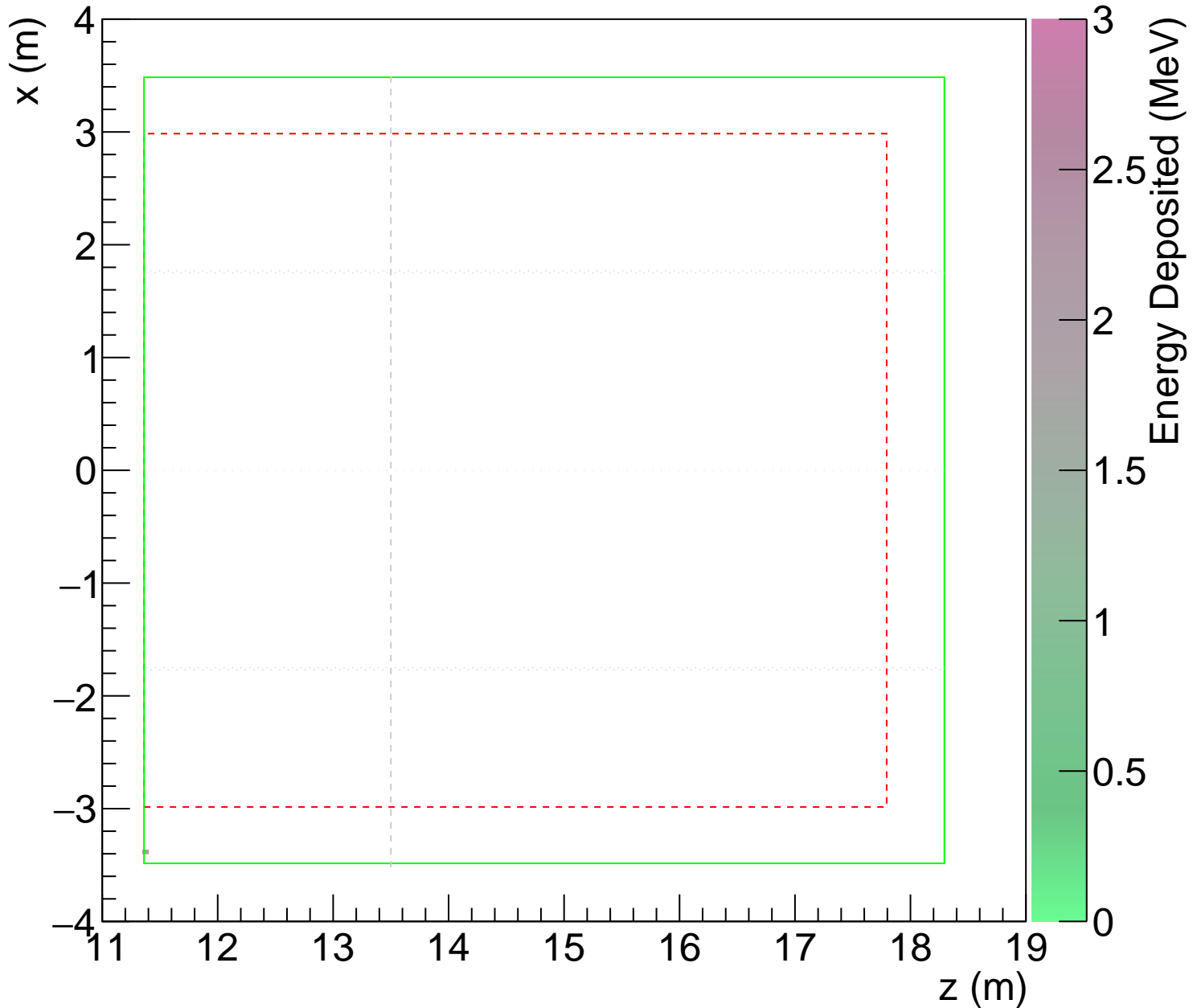


Event 199, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=2.66$  GeV,  $E_{\mu}^{\text{true}}=2.34$  GeV  
nu:-14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,res:0,

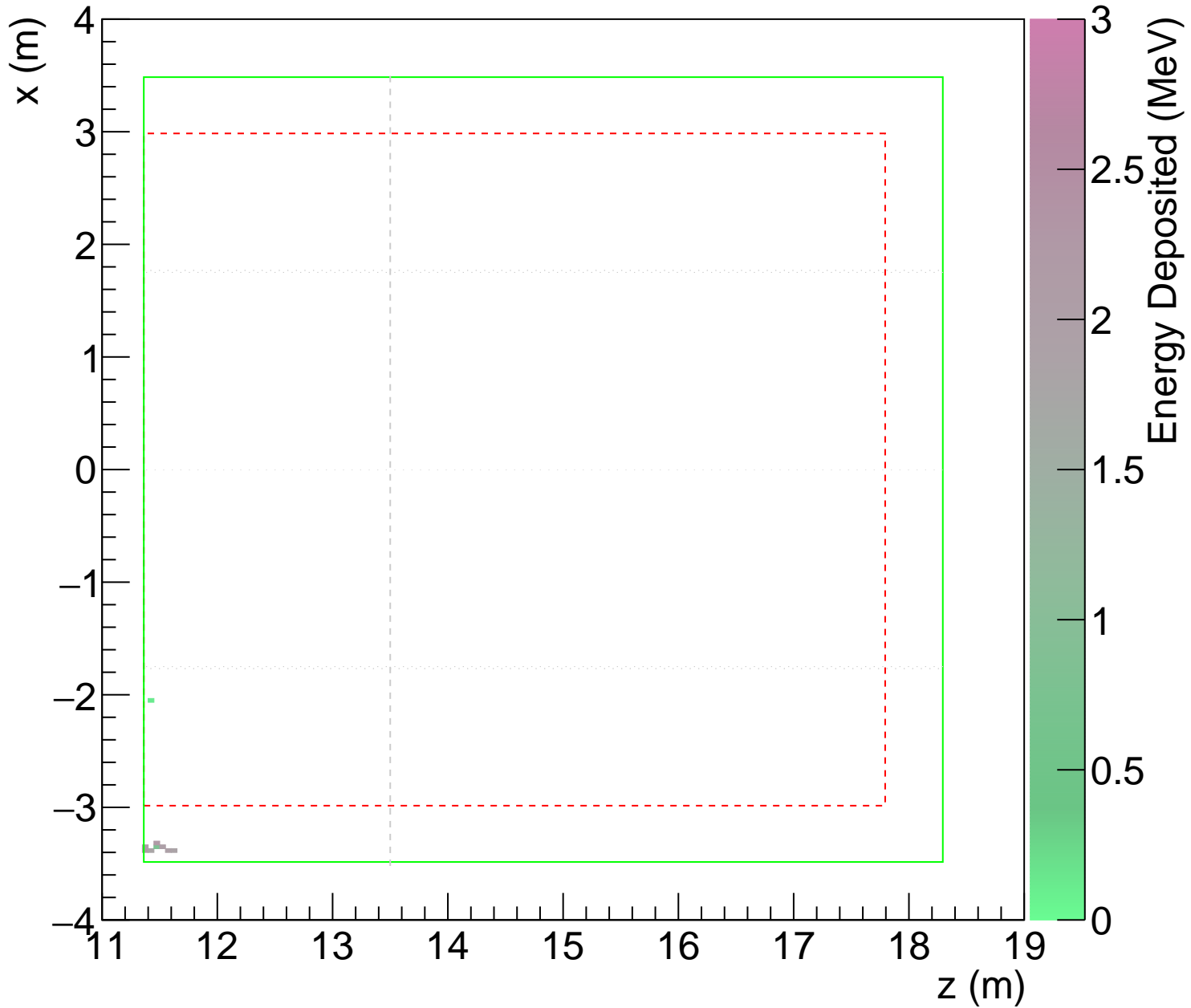


# Event 199 reconstructed

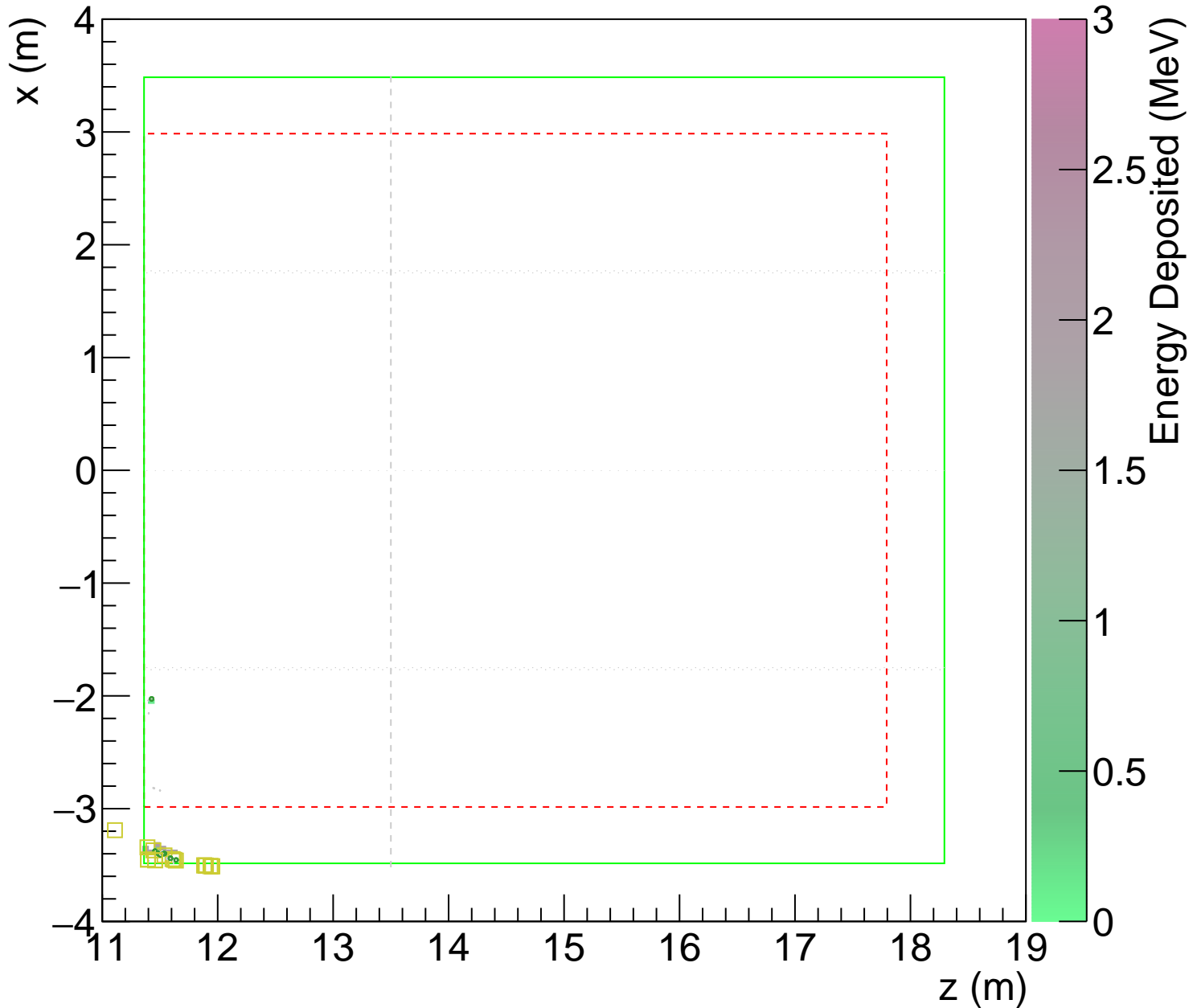
nLines: 0, nClusters: 0



Event 200, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.05$  GeV,  $E_{\mu}^{\text{true}}=2.34$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

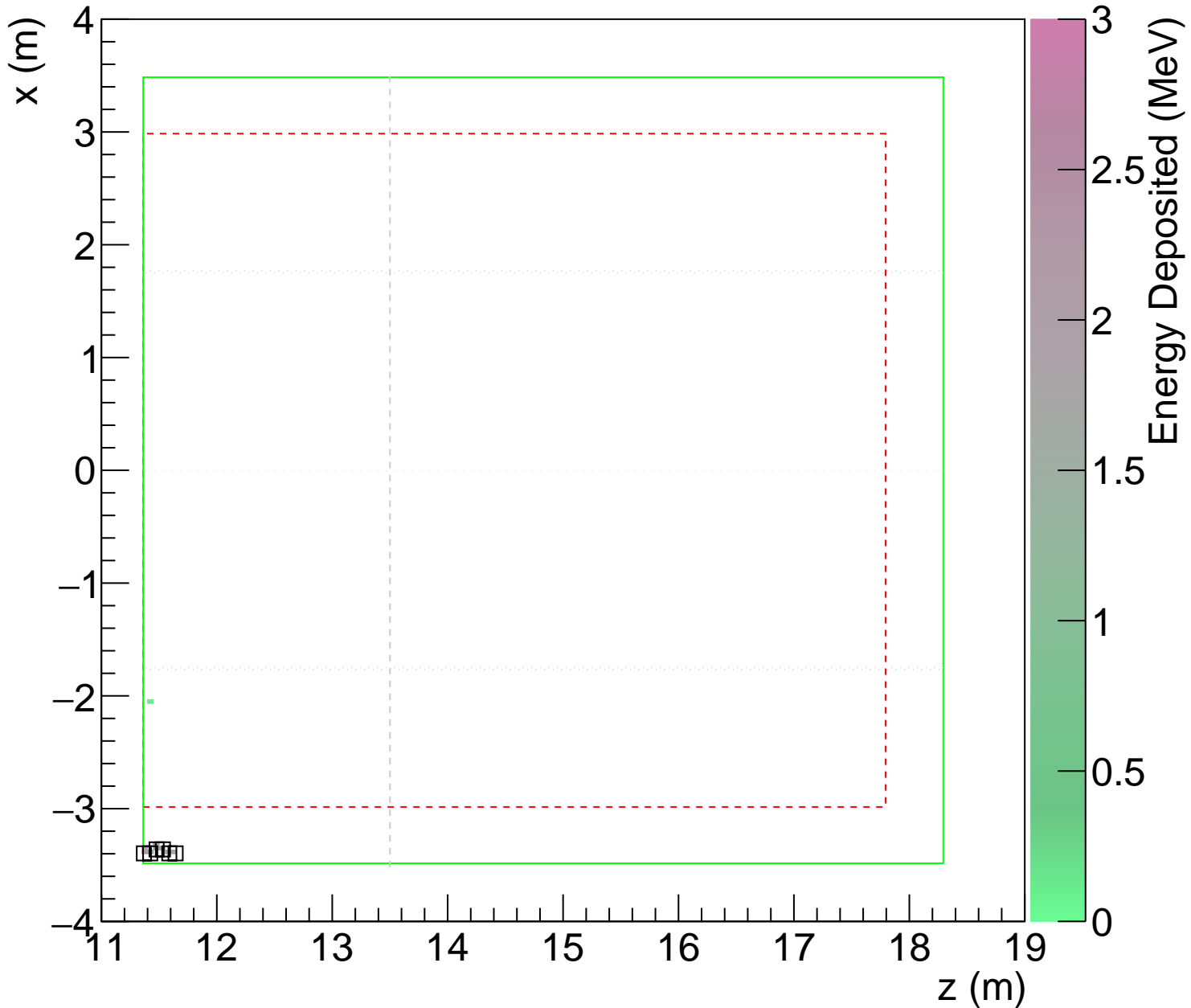


Event 200, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.05$  GeV,  $E_{\mu}^{\text{true}}=2.34$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

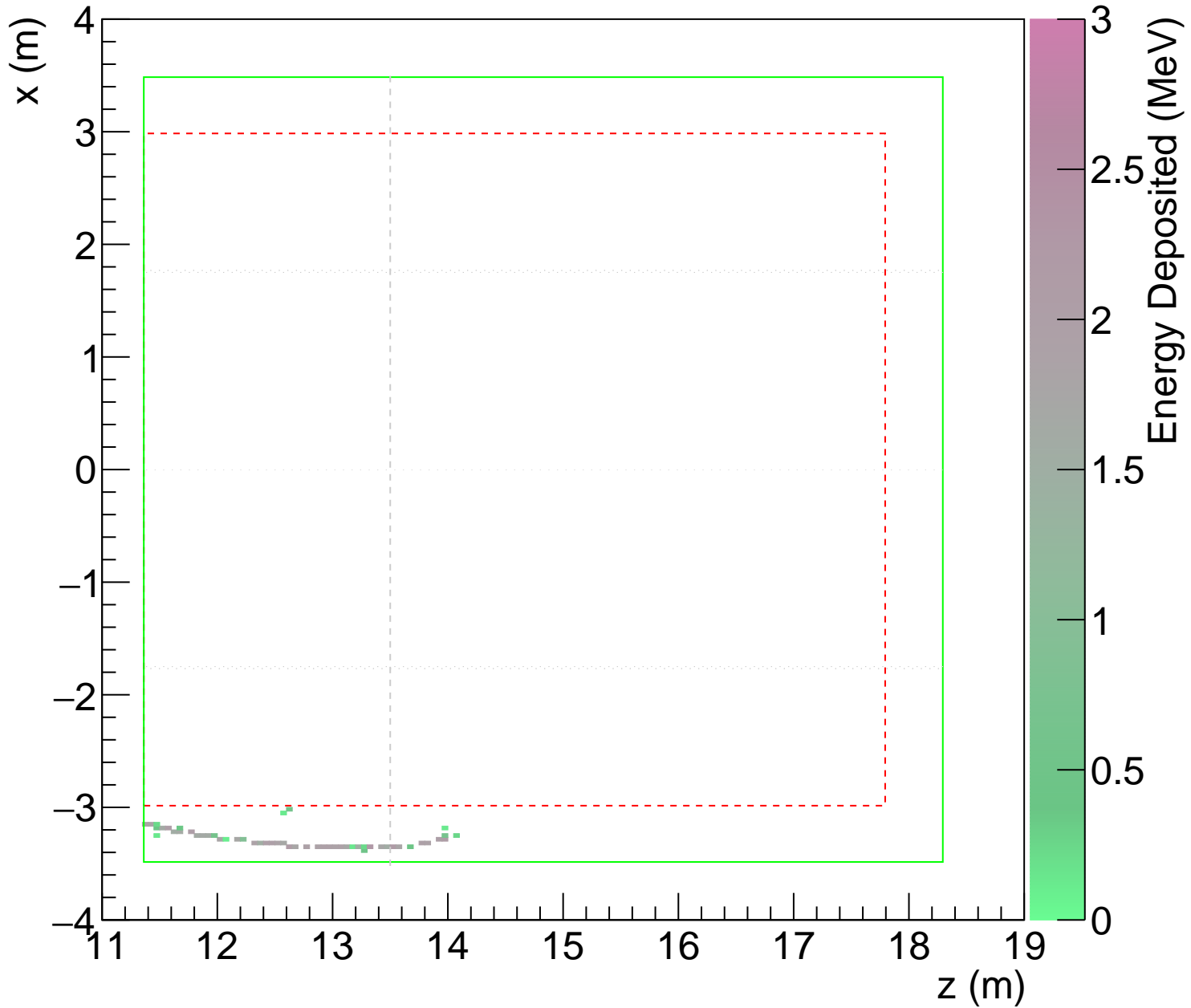


# Event 200 reconstructed

nLines: 1, nClusters: 0

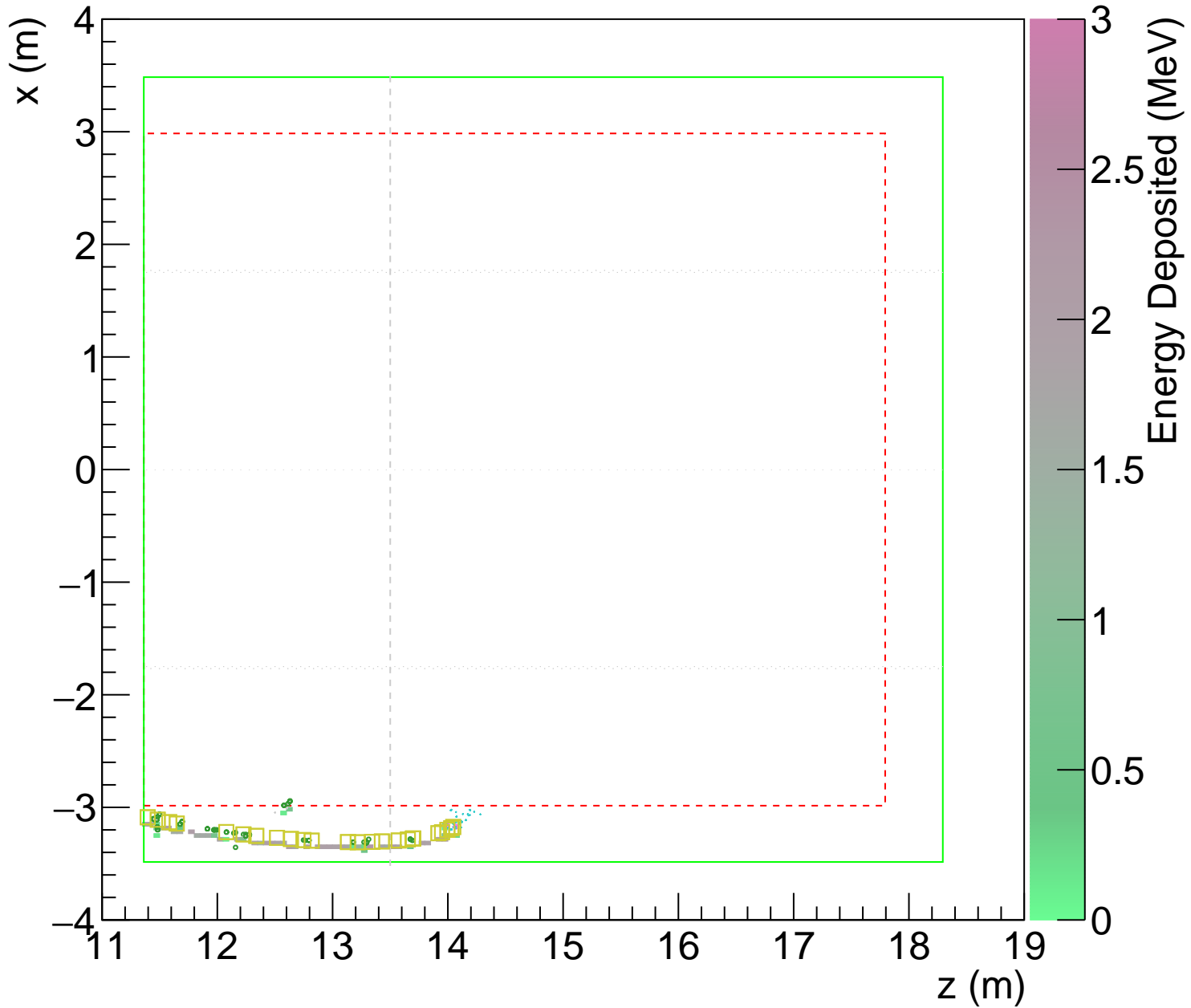


Event 203, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.13$  GeV,  $E_{\mu}^{\text{true}}=1.79$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



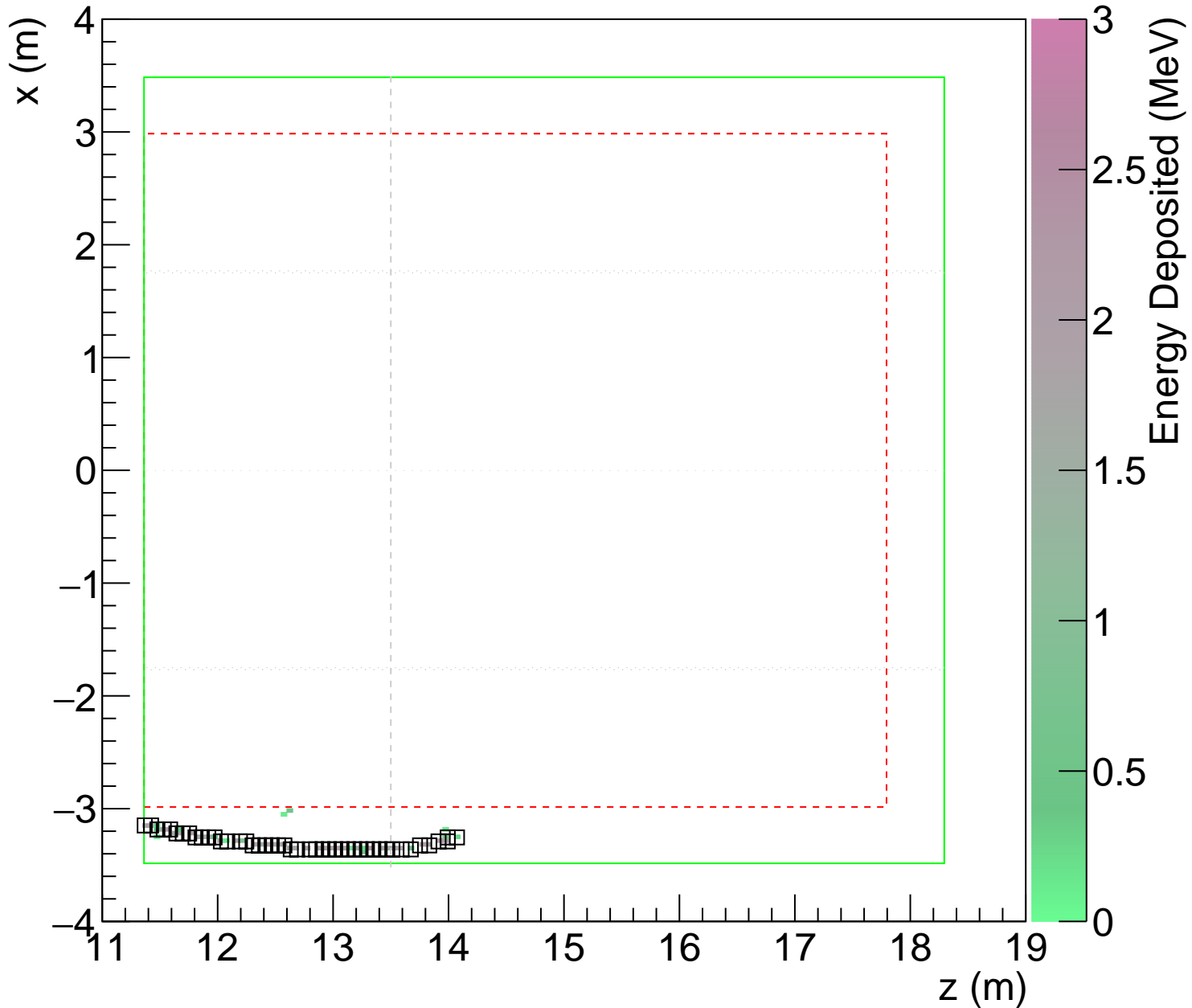


Event 203, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.13$  GeV,  $E_{\mu}^{\text{true}}=1.79$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

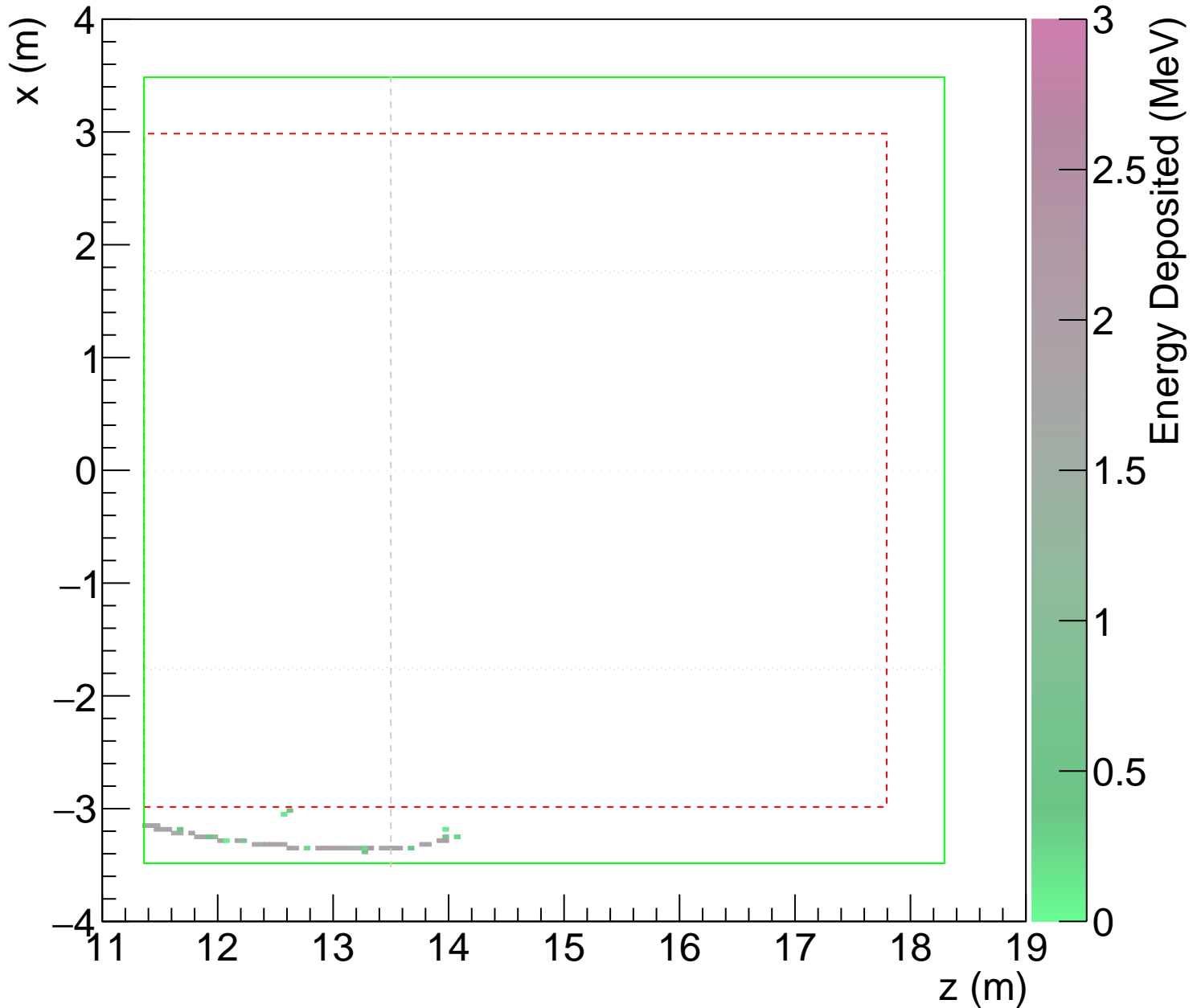


# Event 203 reconstructed

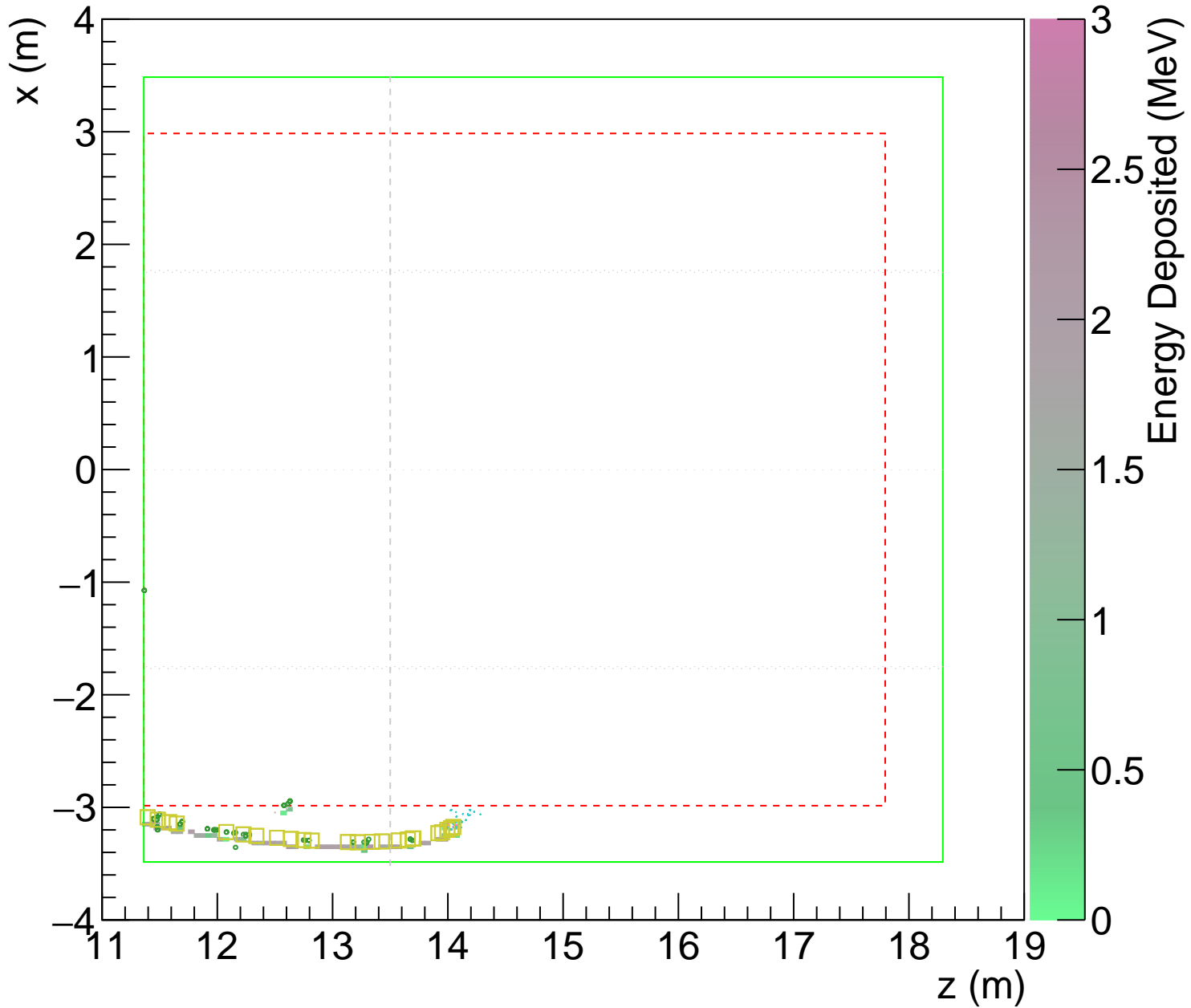
nLines: 1, nClusters: 0



Event 204, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.87$  GeV,  $E_{\mu}^{\text{true}}=1.79$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

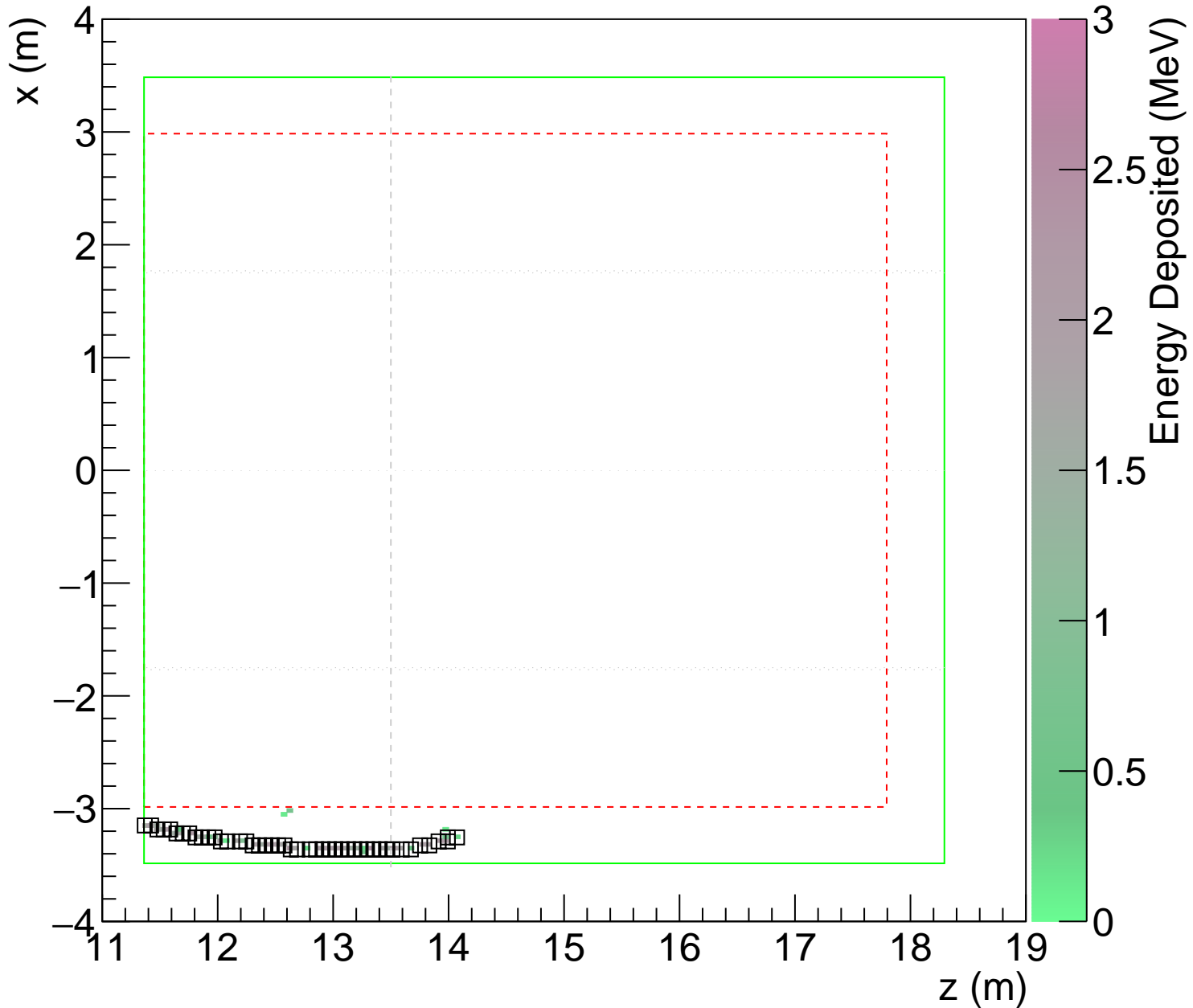


Event 204, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.87$  GeV,  $E_{\mu}^{\text{true}}=1.79$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

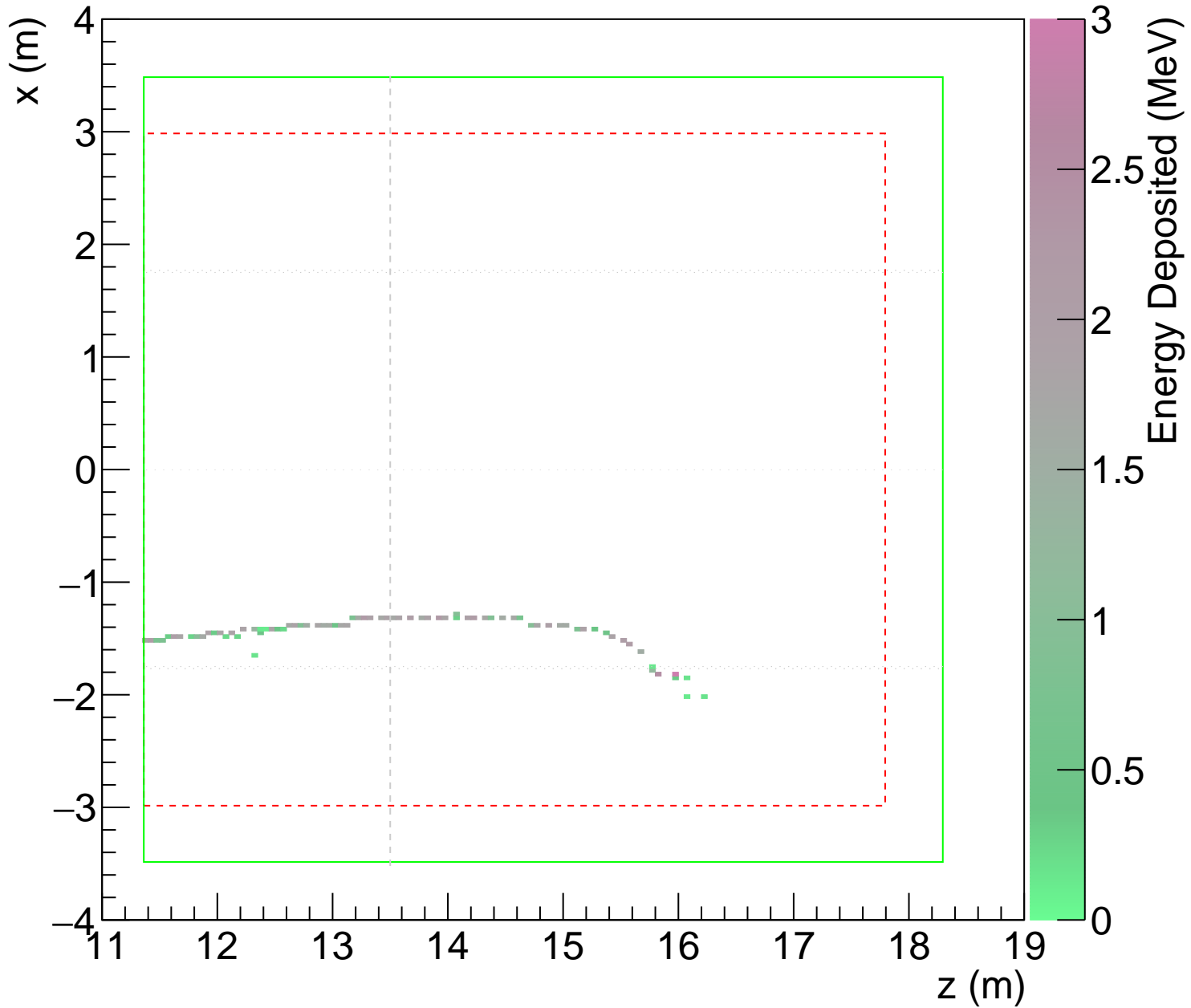


# Event 204 reconstructed

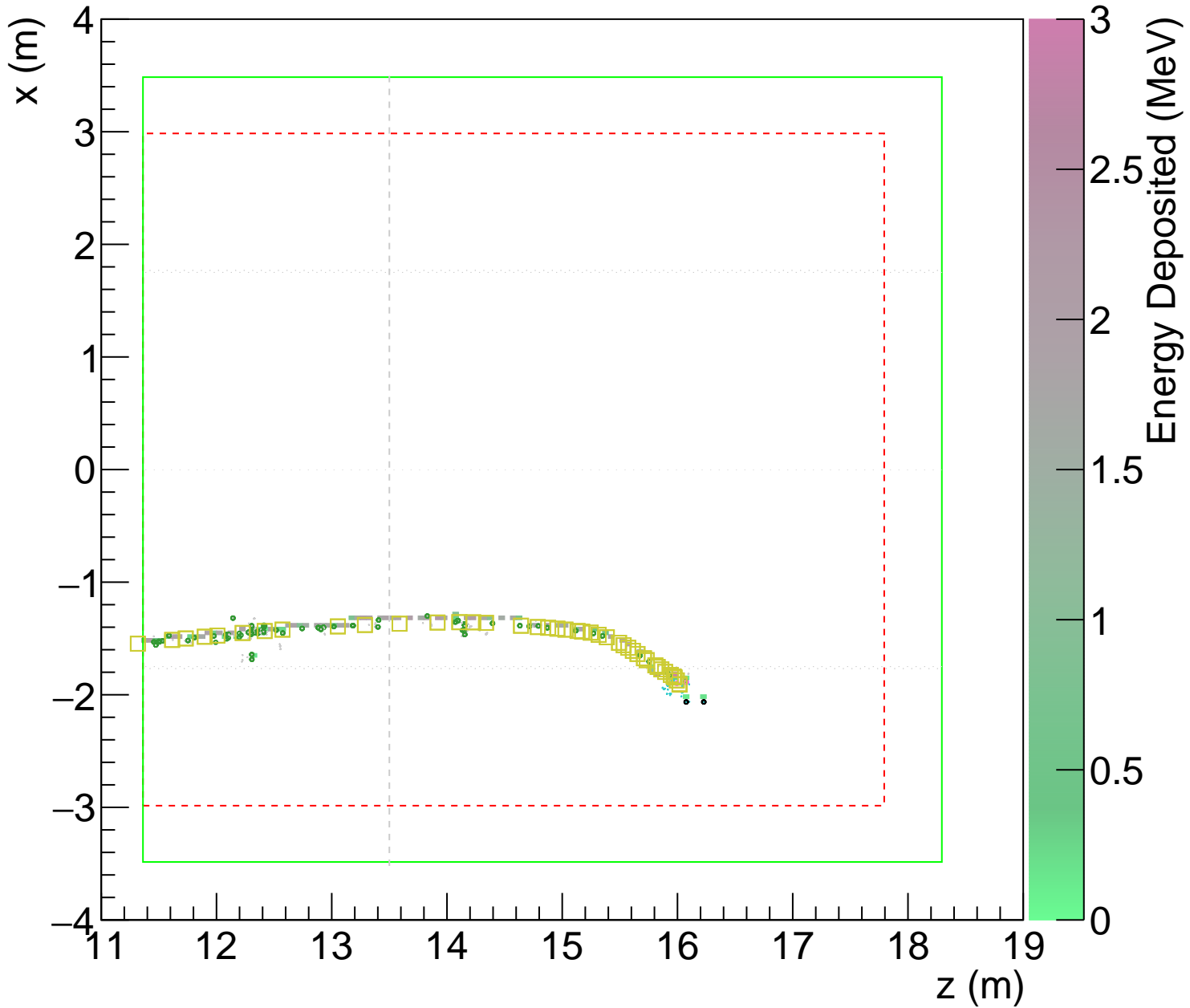
nLines: 1, nClusters: 0



Event 205, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.24$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

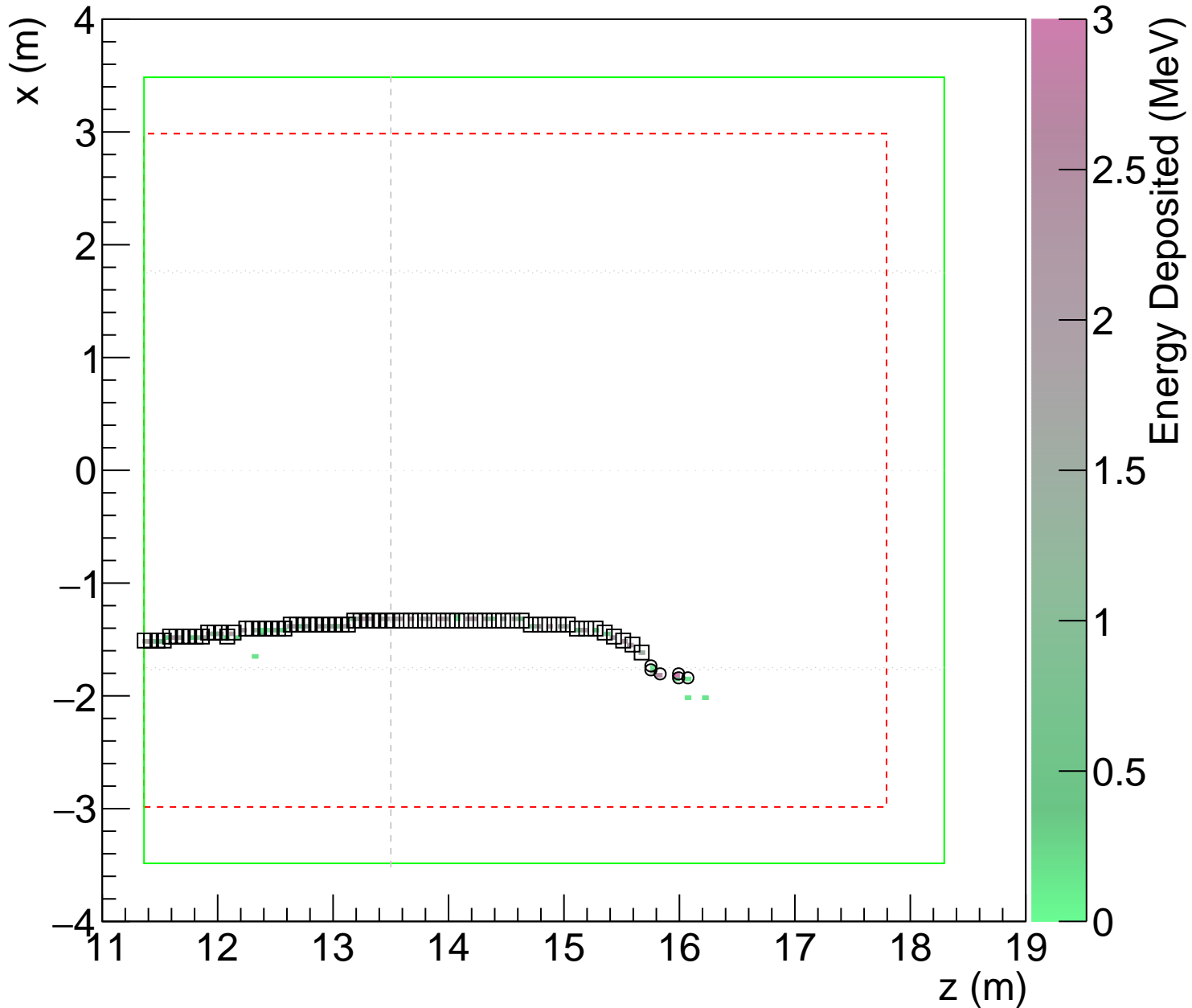


Event 205, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.24$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



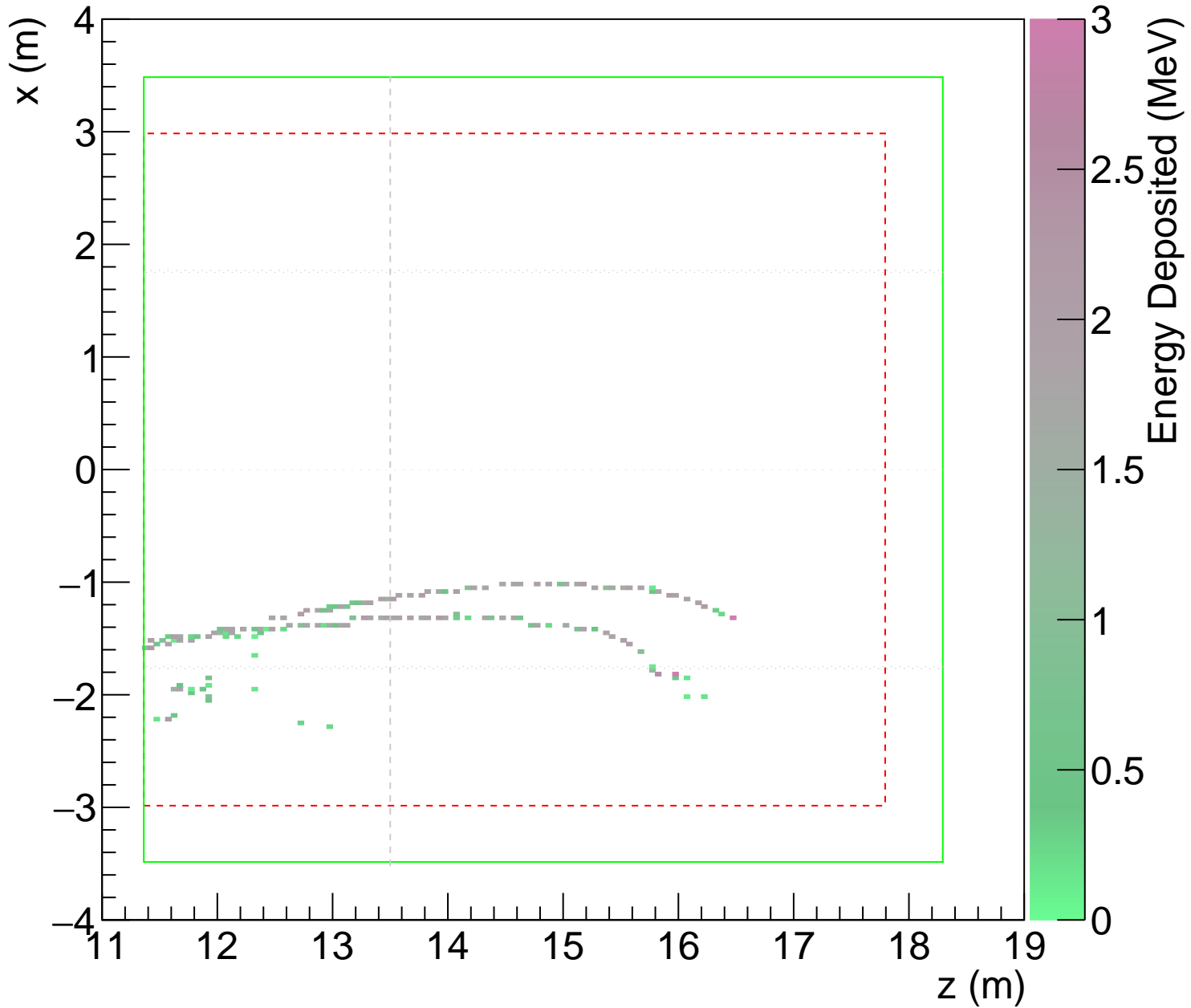
# Event 205 reconstructed

nLines: 1, nClusters: 1

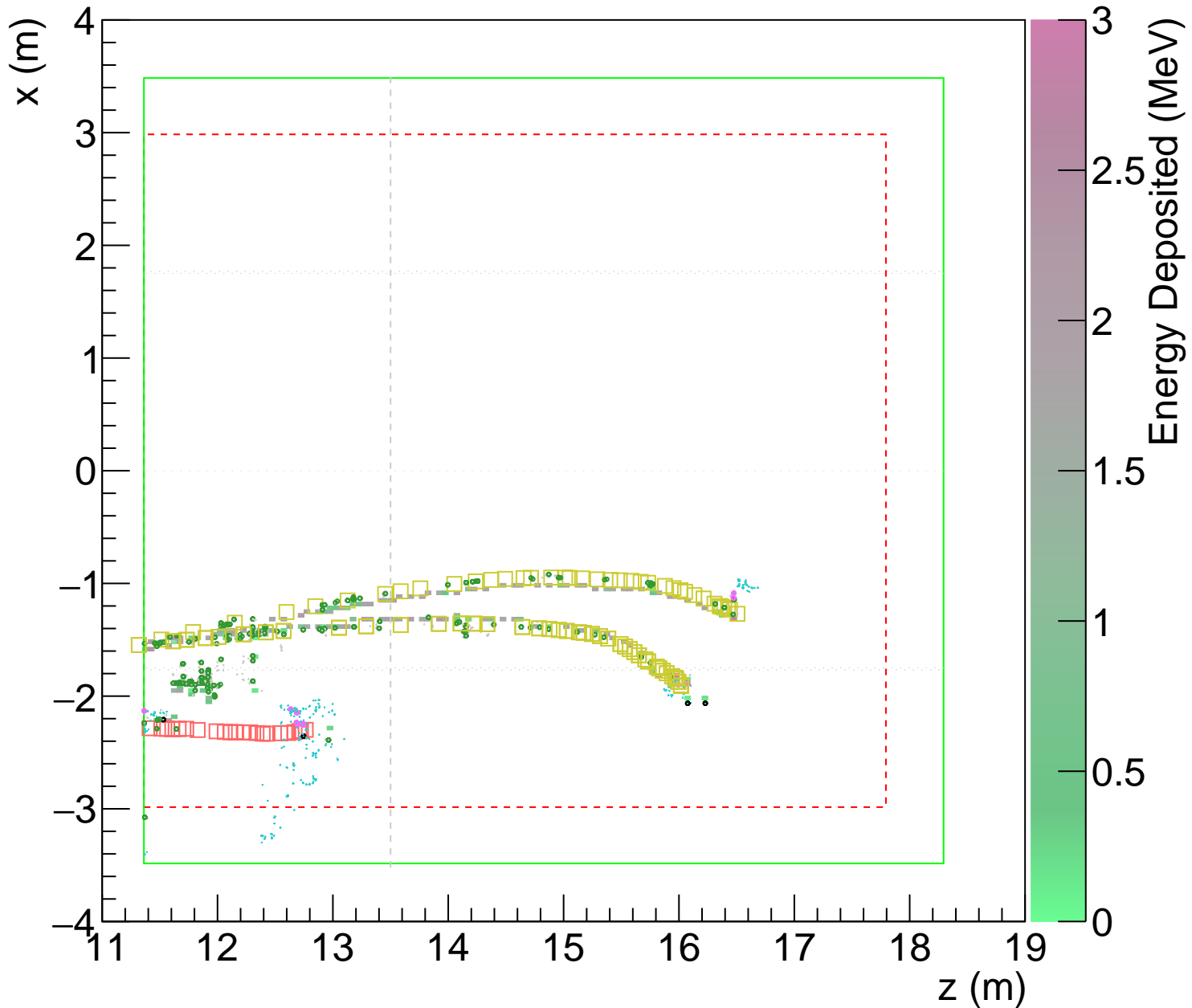




Event 206, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.85$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

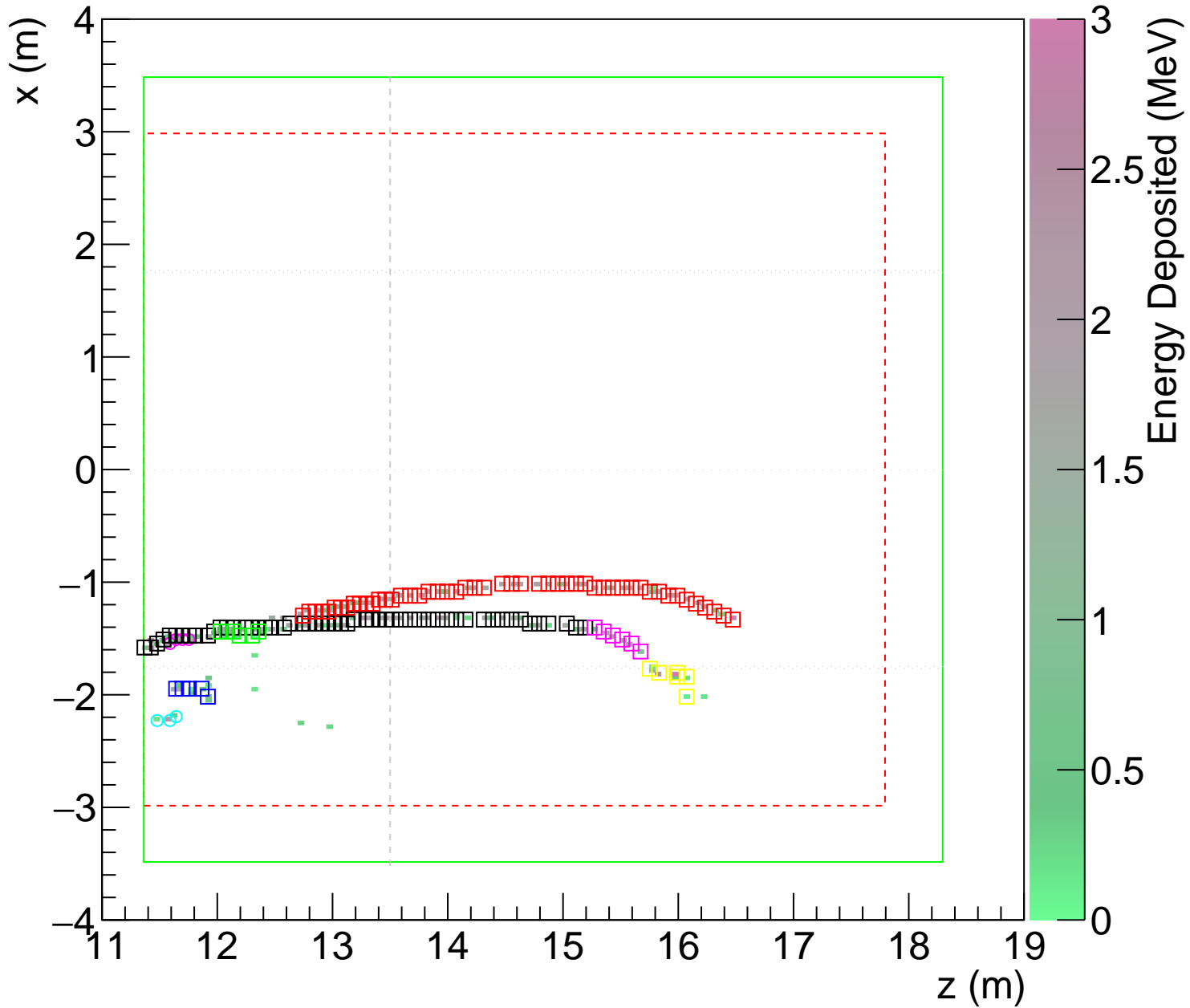


Event 206, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.85$  GeV,  $E_{\mu}^{\text{true}}=3.07$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

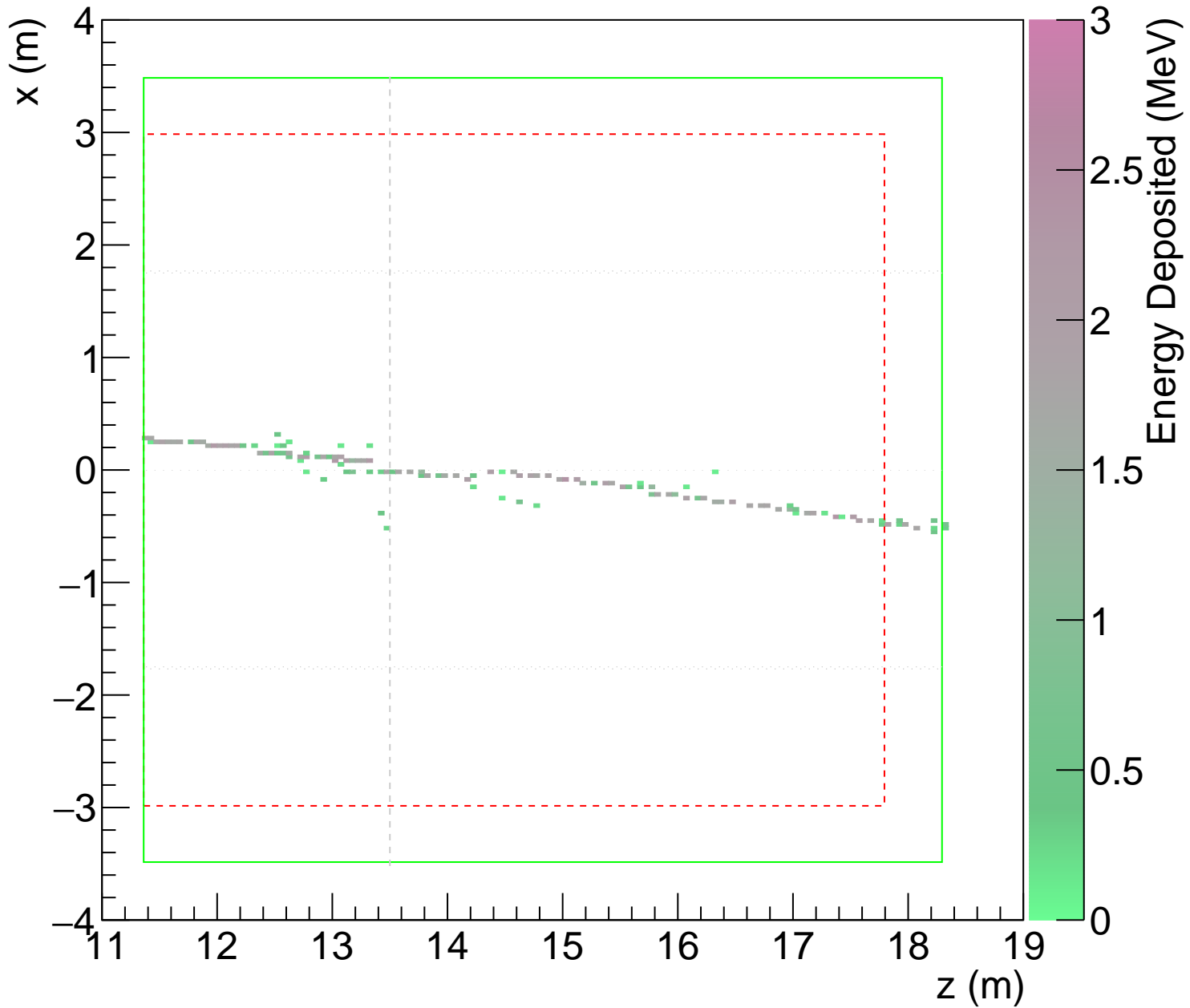


# Event 206 reconstructed

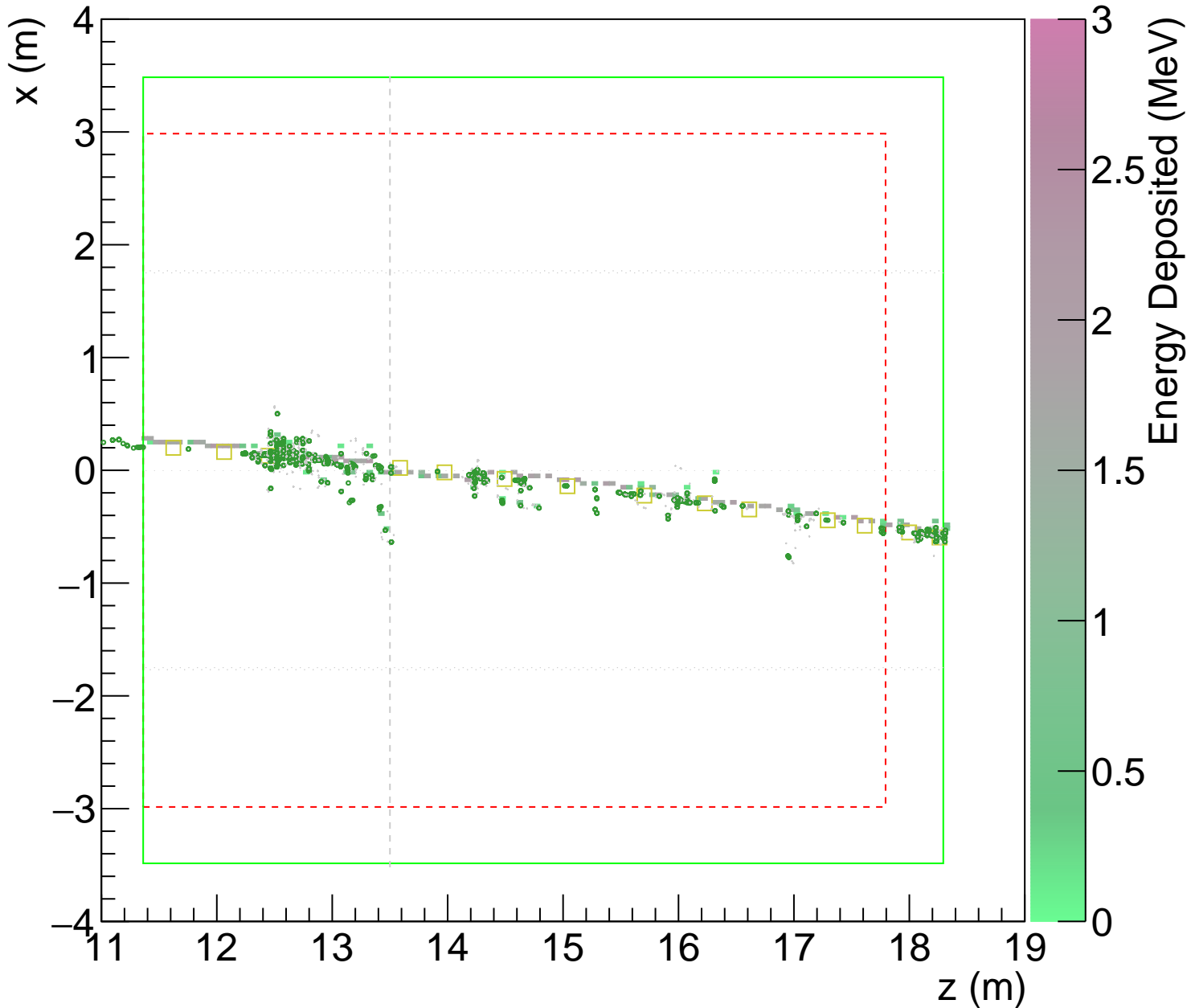
nLines: 6, nClusters: 2



Event 208, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=21.78$  GeV,  $E_{\mu}^{\text{true}}=15.48$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

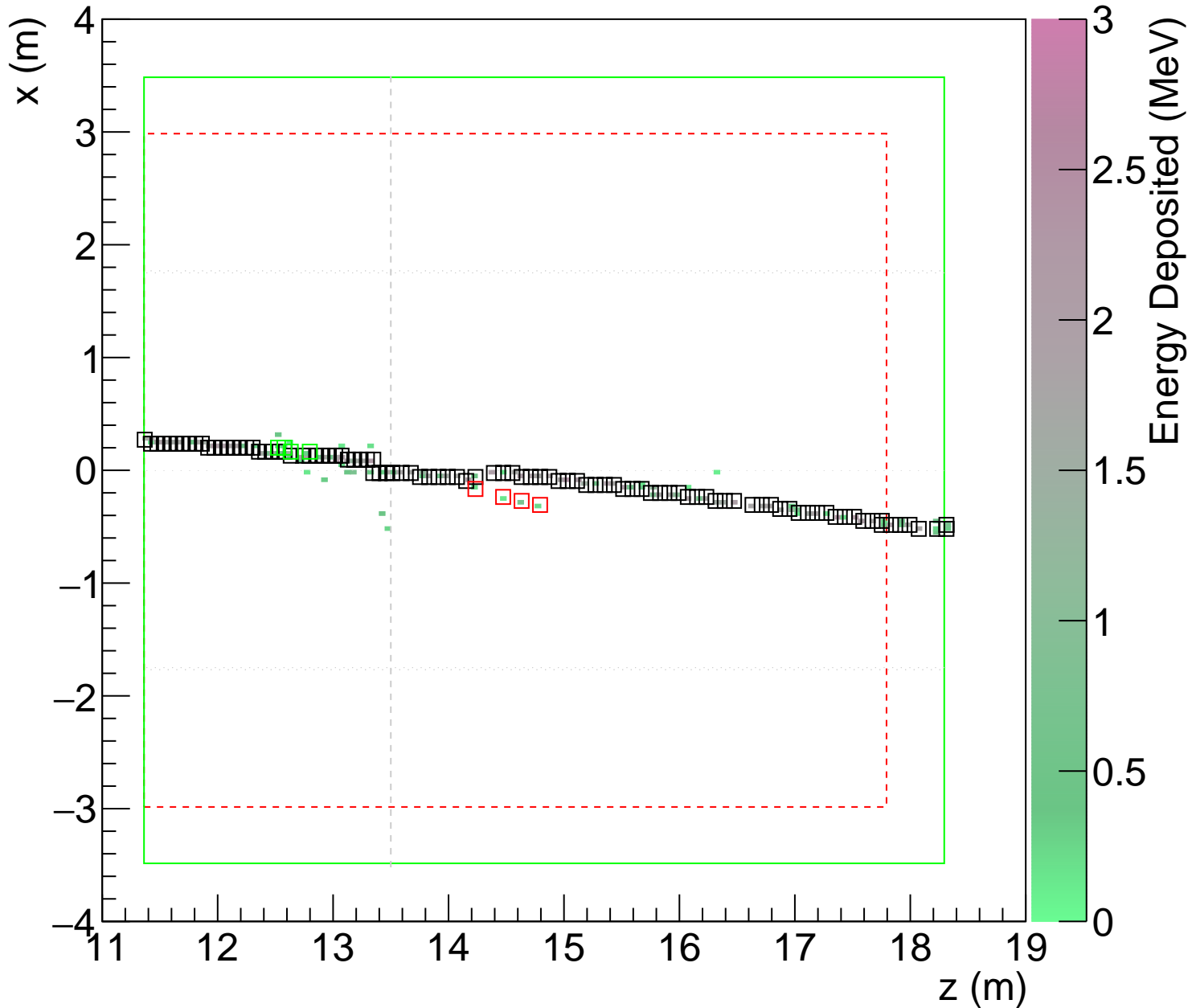


Event 208, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=21.78$  GeV,  $E_{\mu}^{\text{true}}=15.48$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

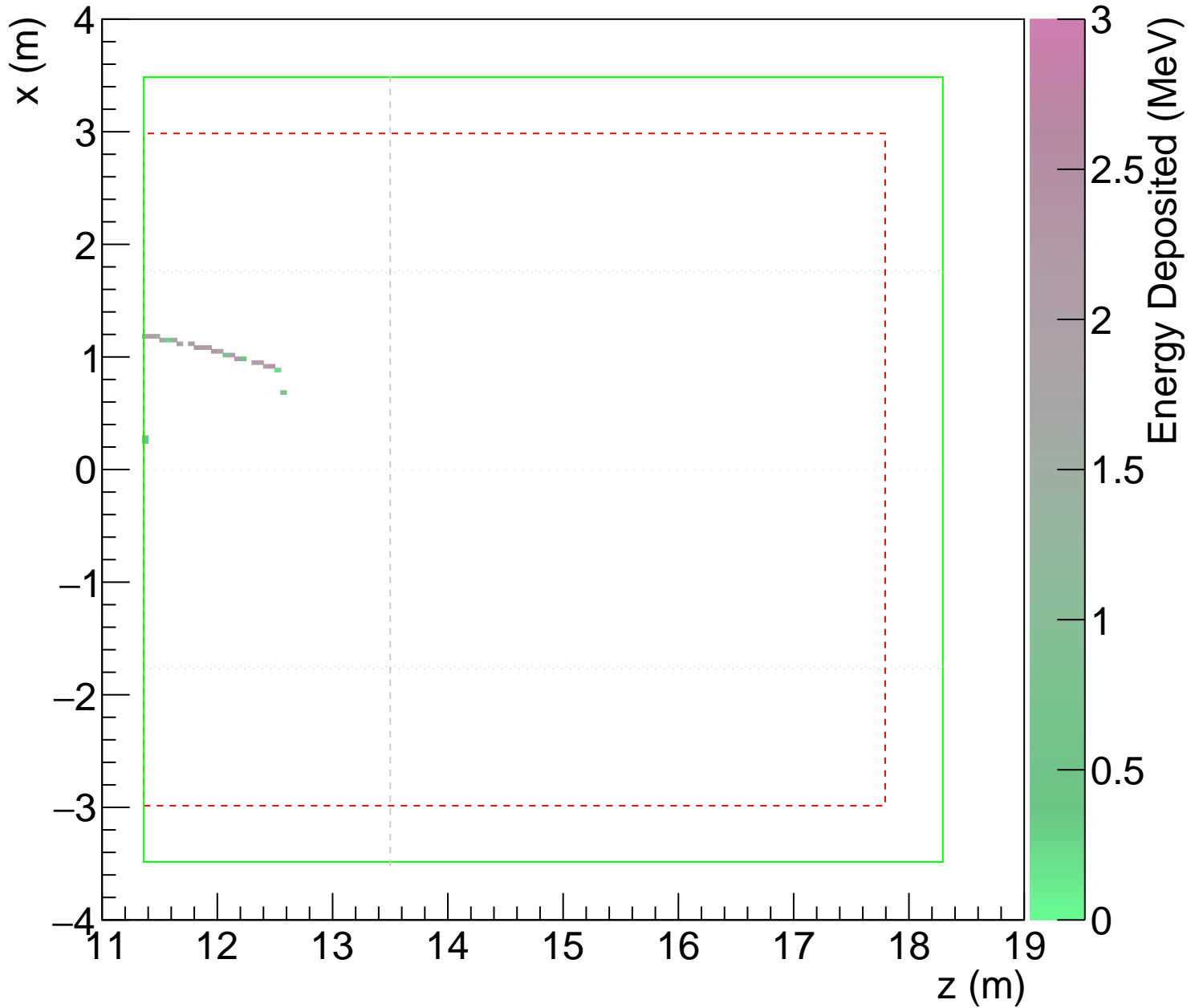


# Event 208 reconstructed

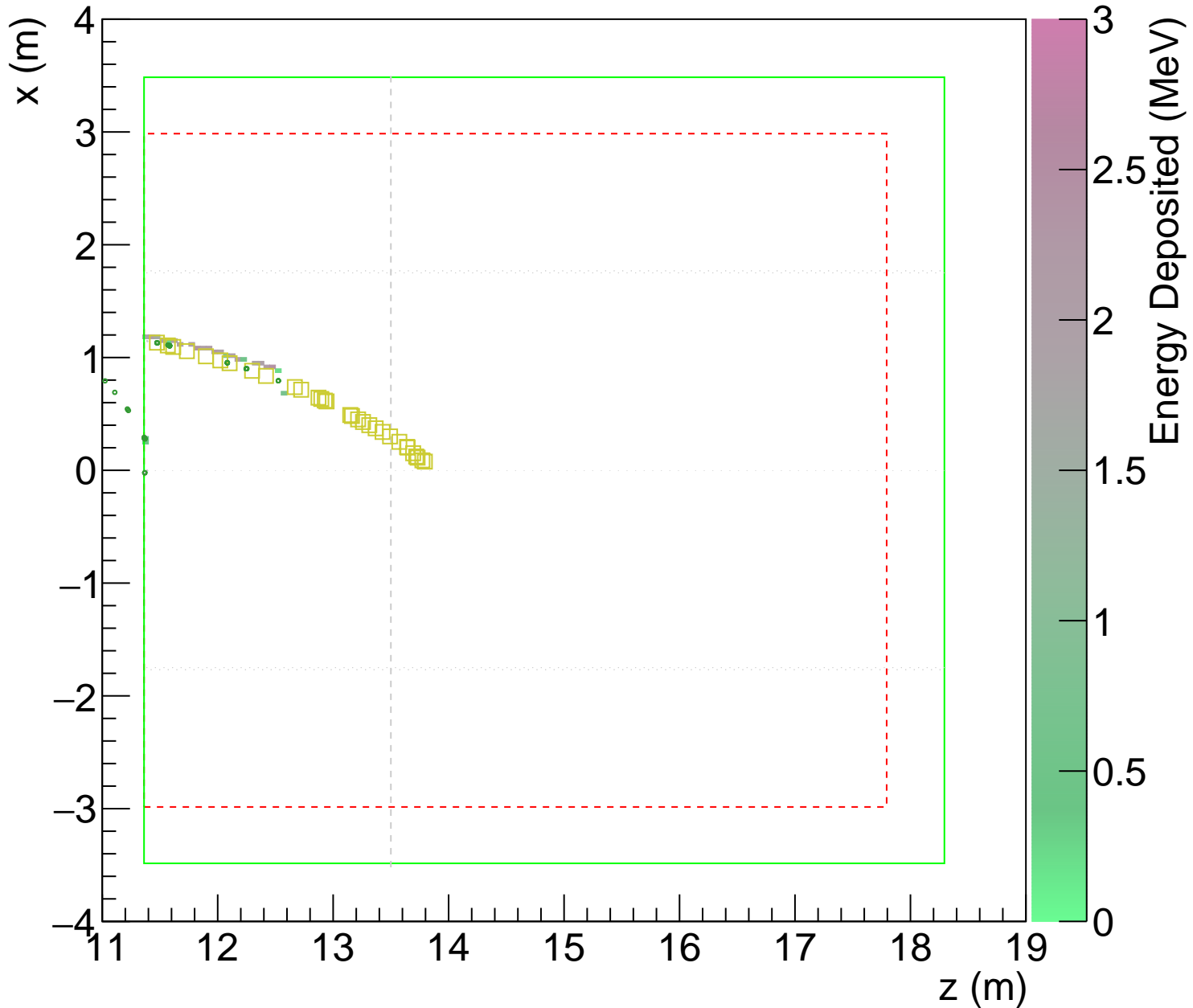
nLines: 3, nClusters: 0



Event 210, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.05$  GeV,  $E_{\mu}^{\text{true}}=1.71$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



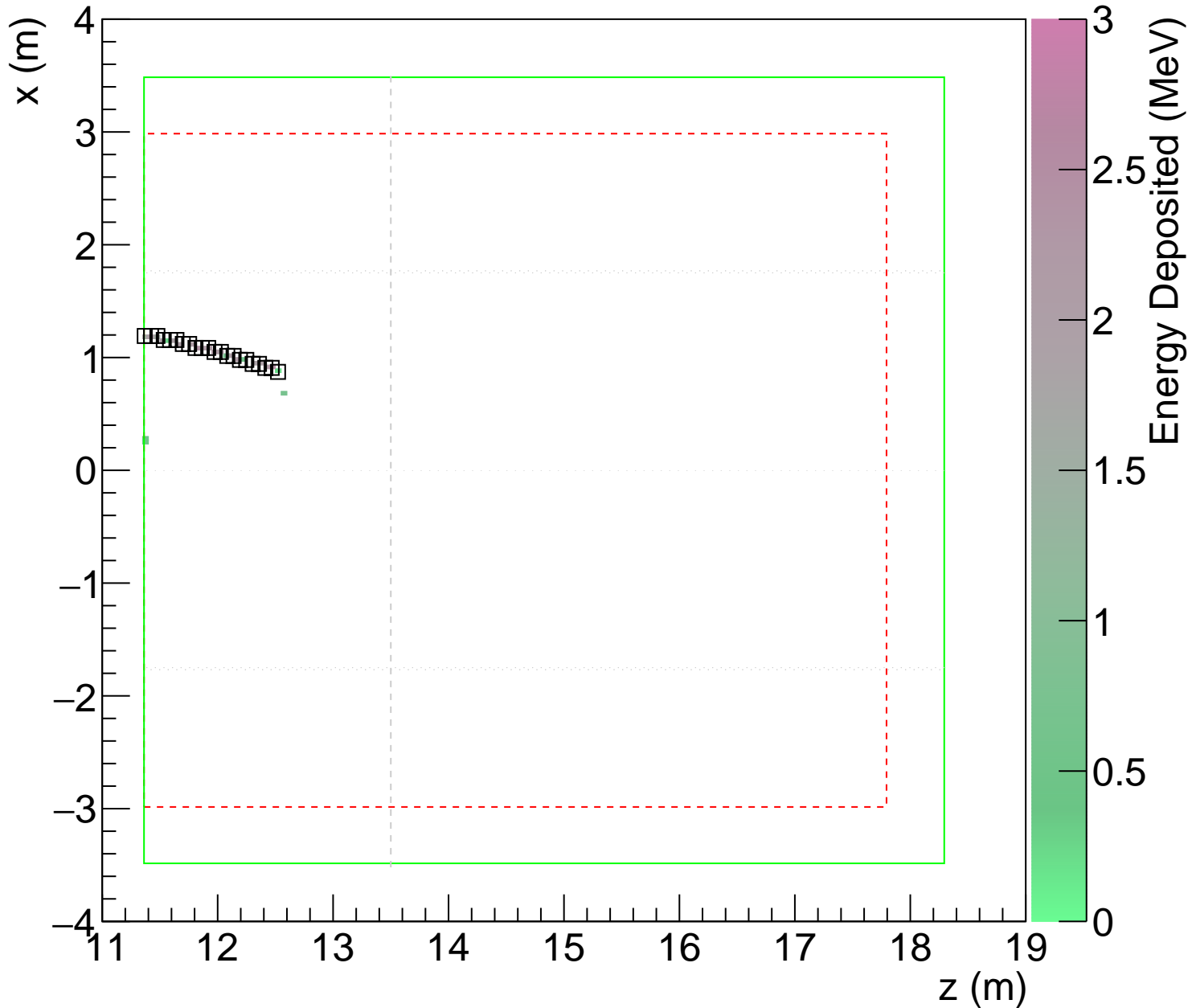
Event 210, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.05$  GeV,  $E_{\mu}^{\text{true}}=1.71$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



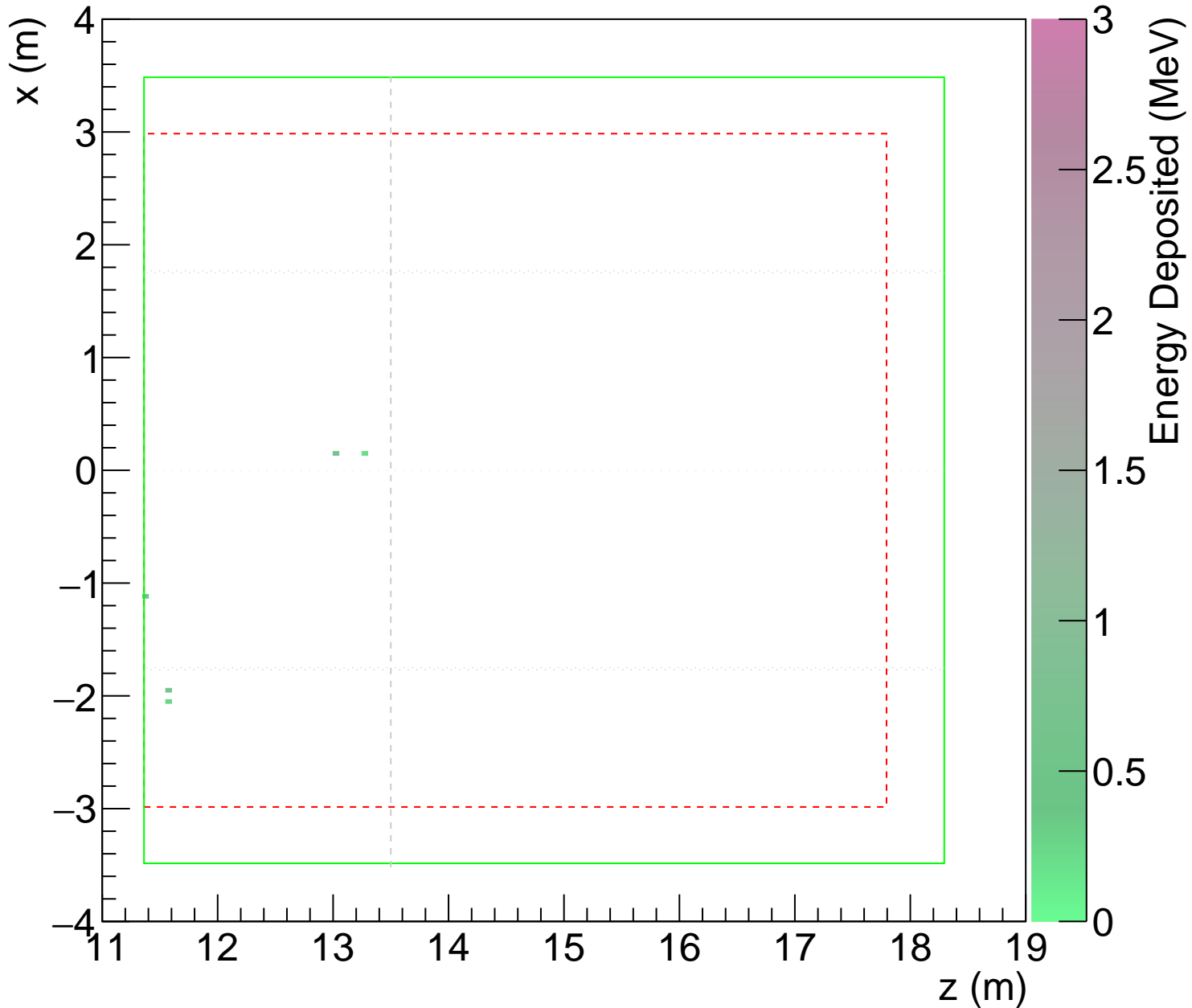


# Event 210 reconstructed

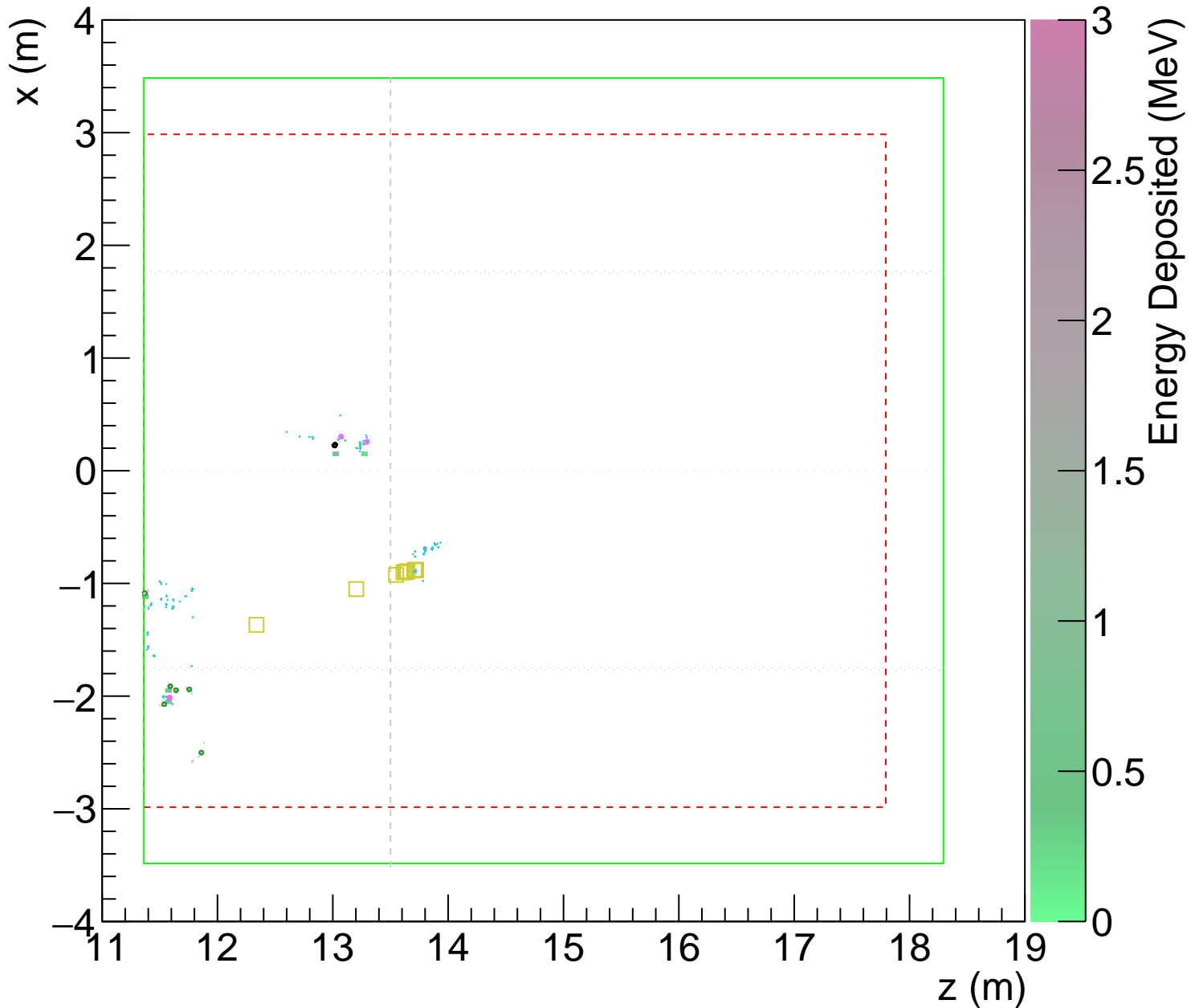
nLines: 1, nClusters: 0



Event 212, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.21$  GeV,  $E_{\mu}^{\text{true}}=0.71$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

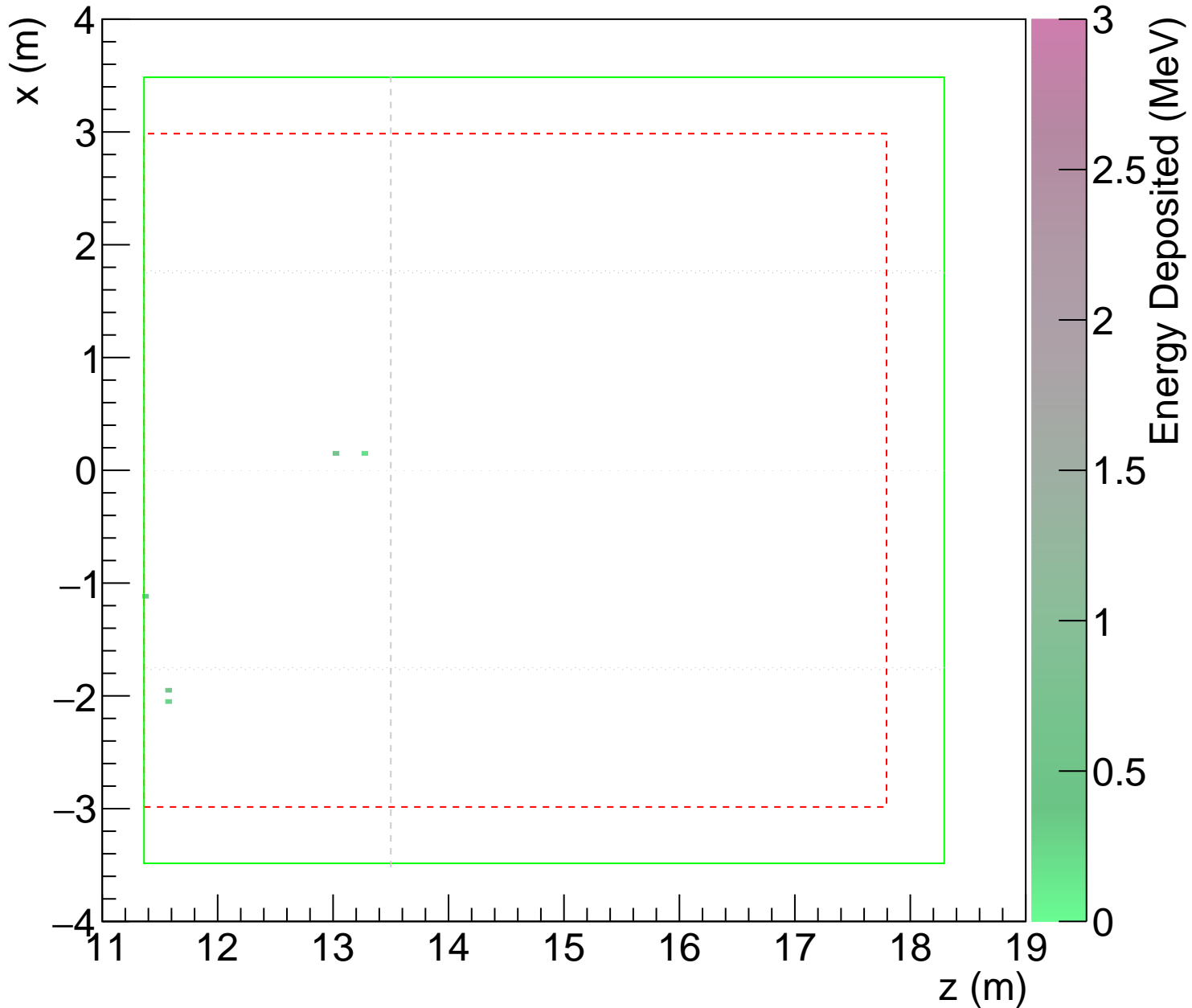


Event 212, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.21$  GeV,  $E_{\mu}^{\text{true}}=0.71$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

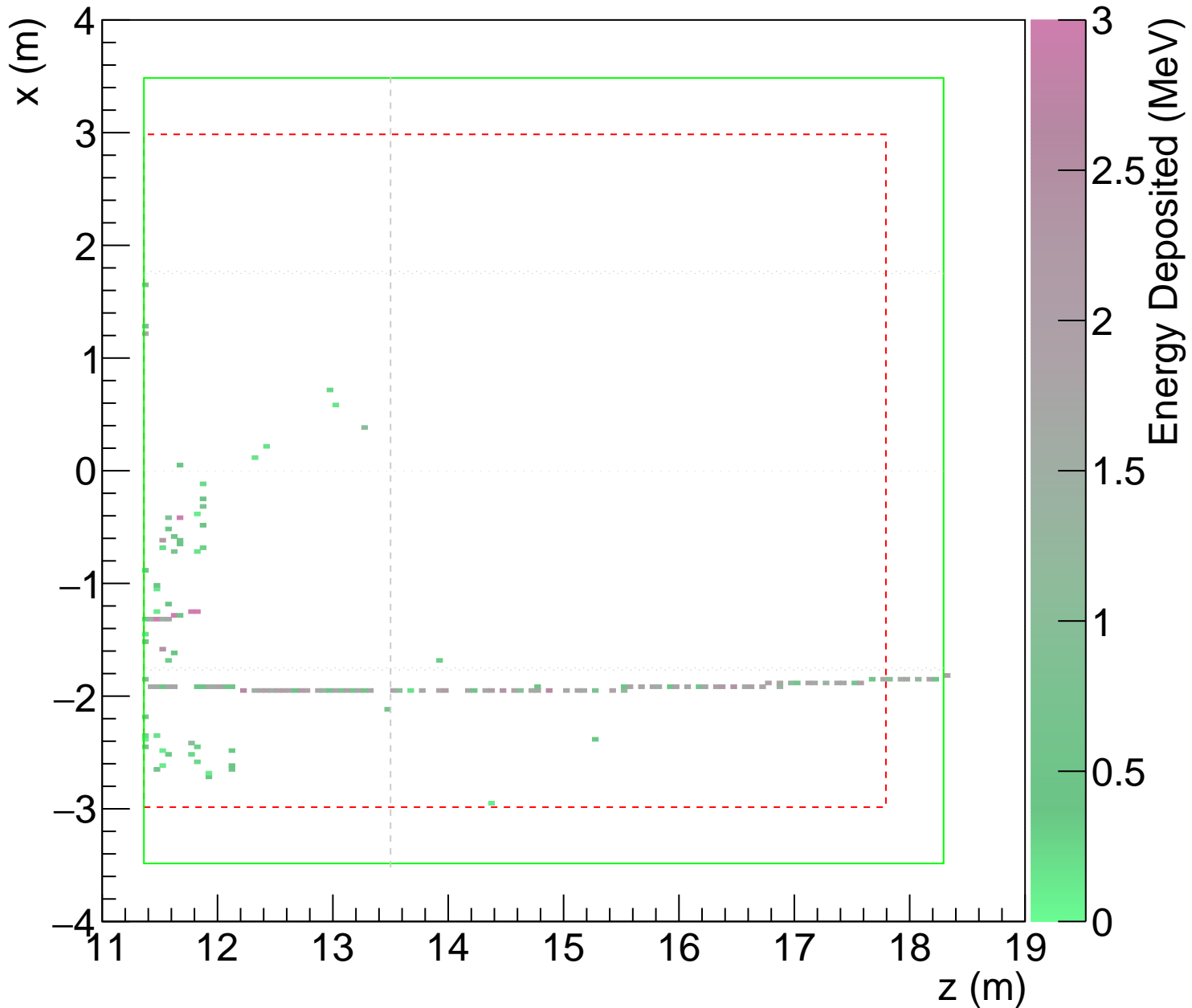


# Event 212 reconstructed

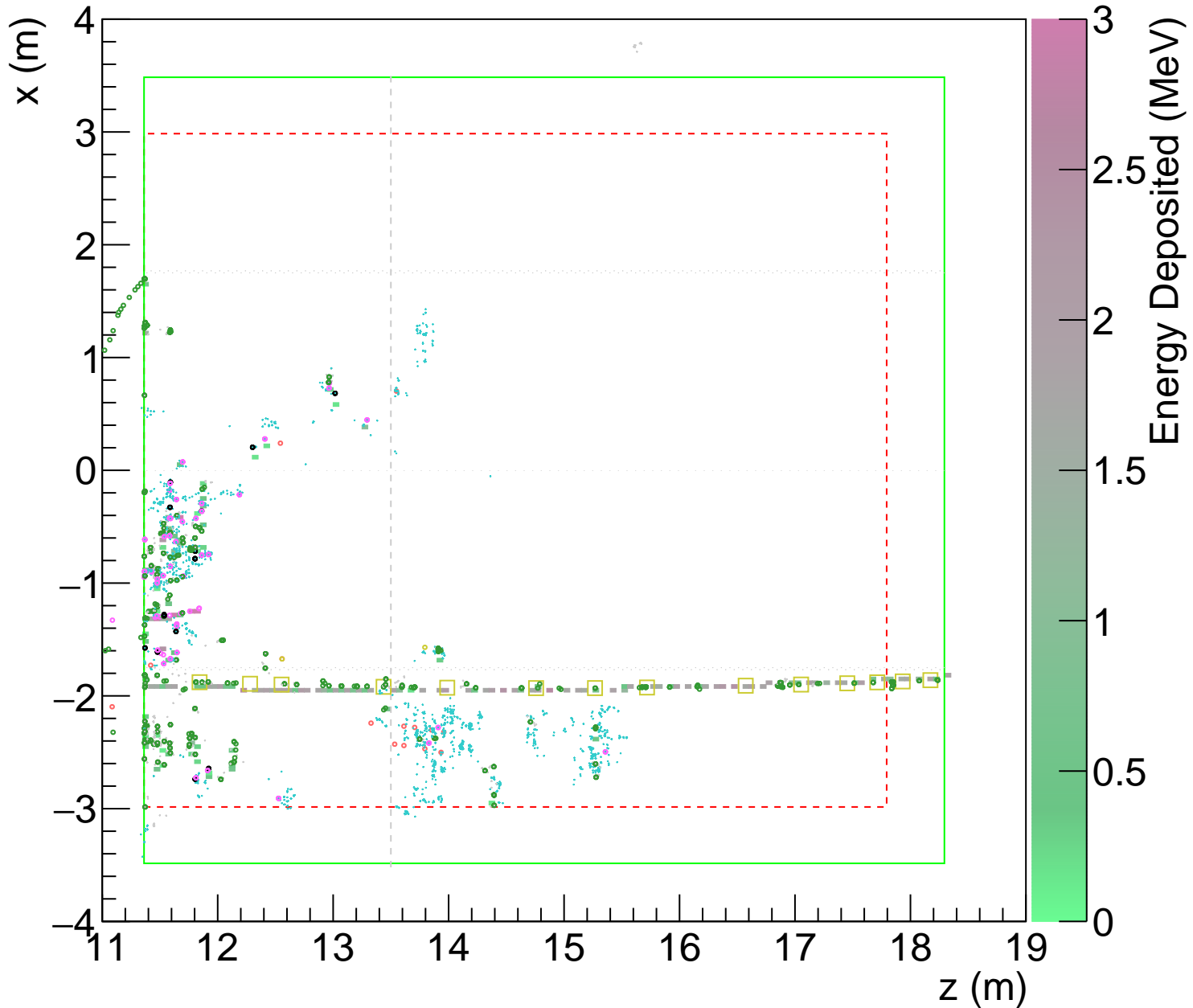
nLines: 0, nClusters: 0



Event 213, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=31.75$  GeV,  $E_{\mu}^{\text{true}}=13.74$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

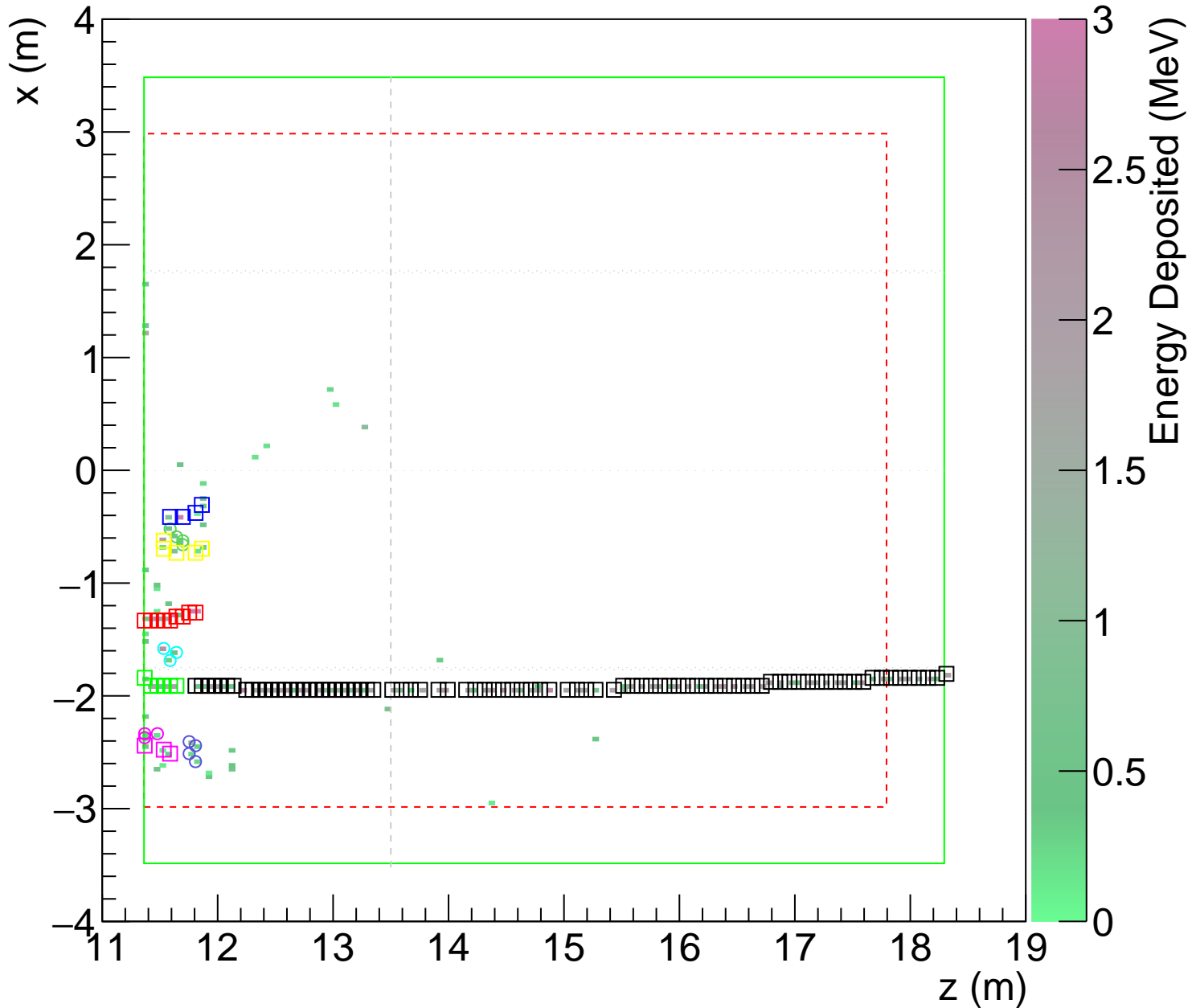


Event 213, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=31.75$  GeV,  $E_{\mu}^{\text{true}}=13.74$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

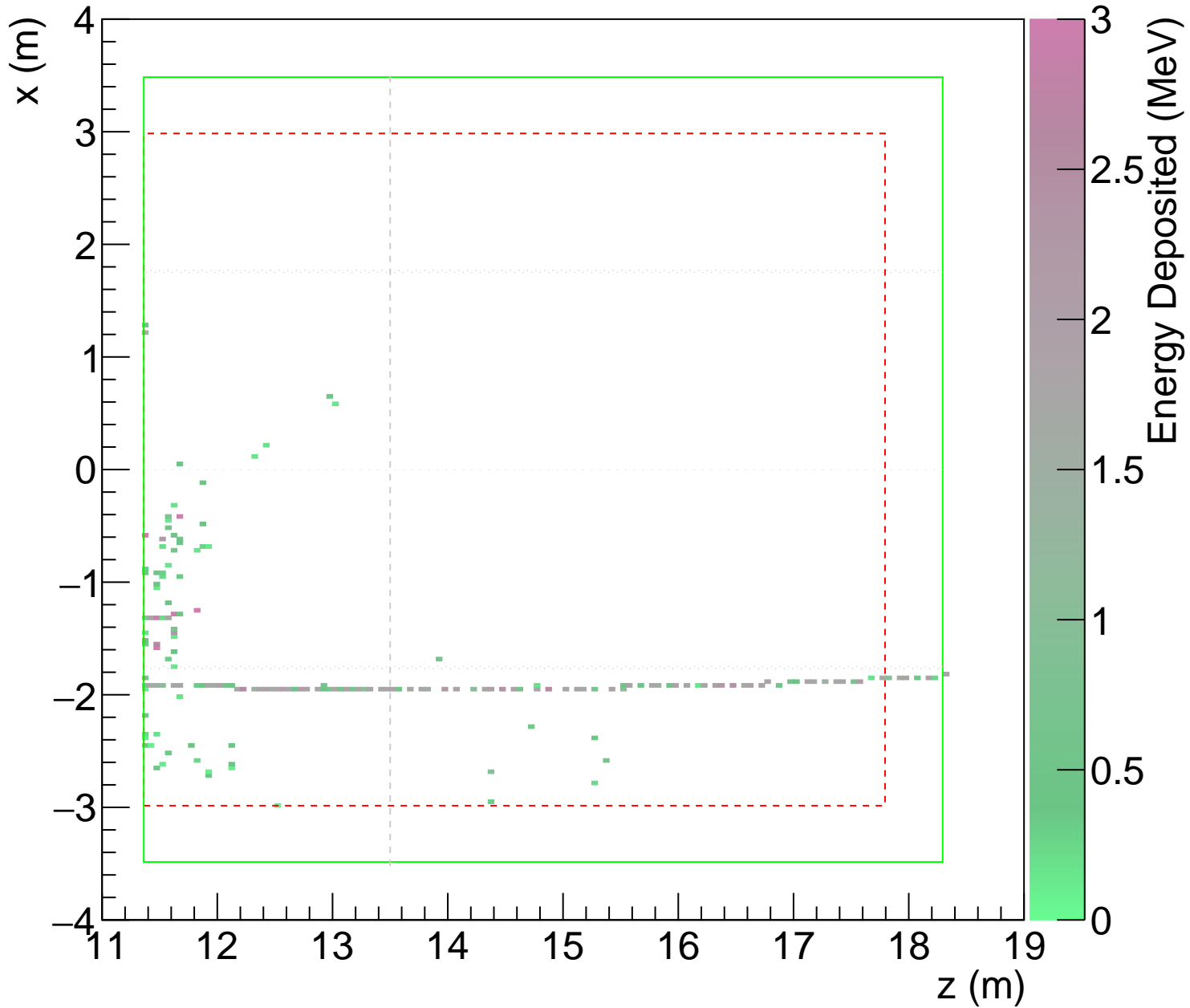


# Event 213 reconstructed

nLines: 6, nClusters: 4

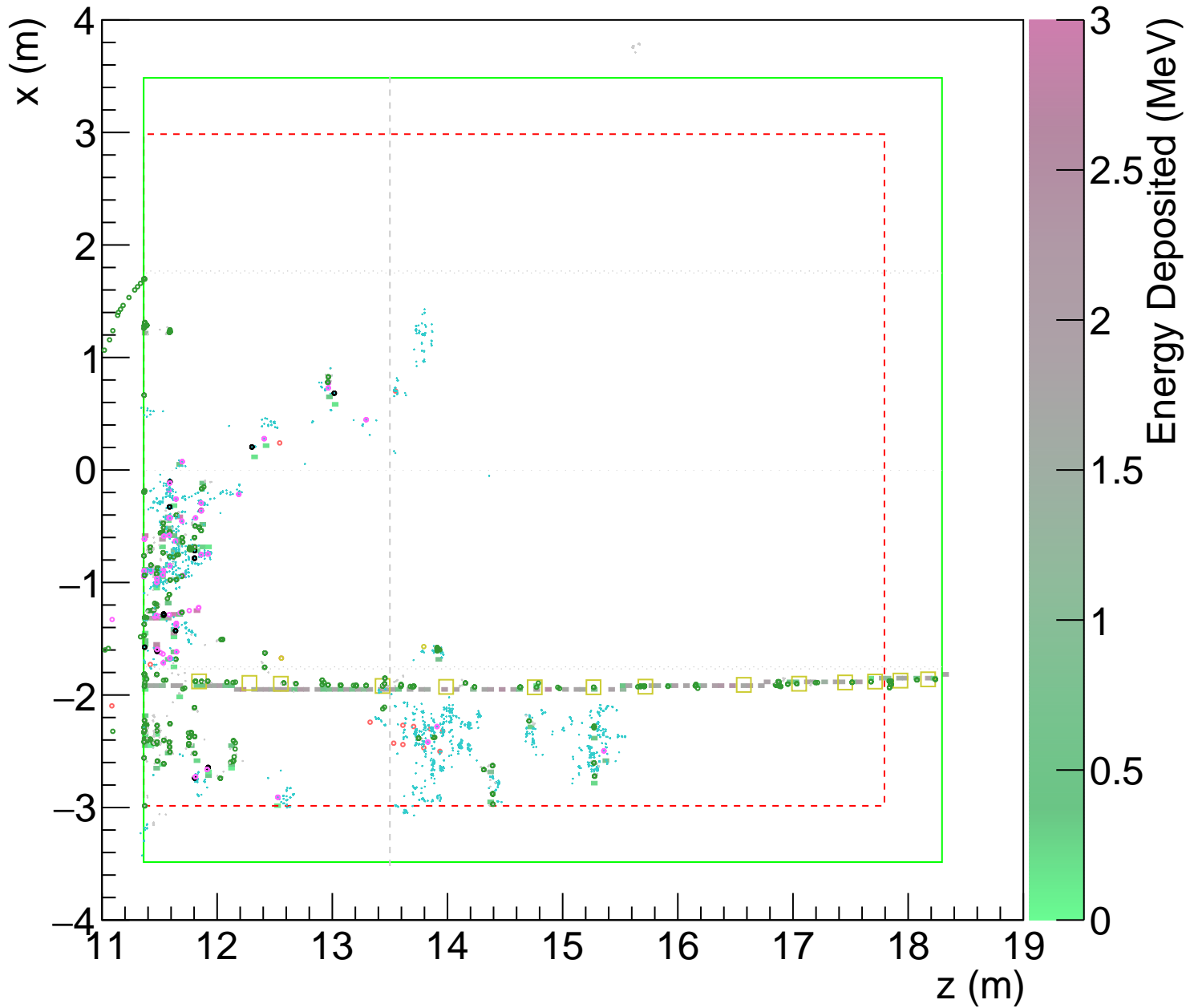


Event 214, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.59$  GeV,  $E_{\mu}^{\text{true}}=13.74$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],QES,



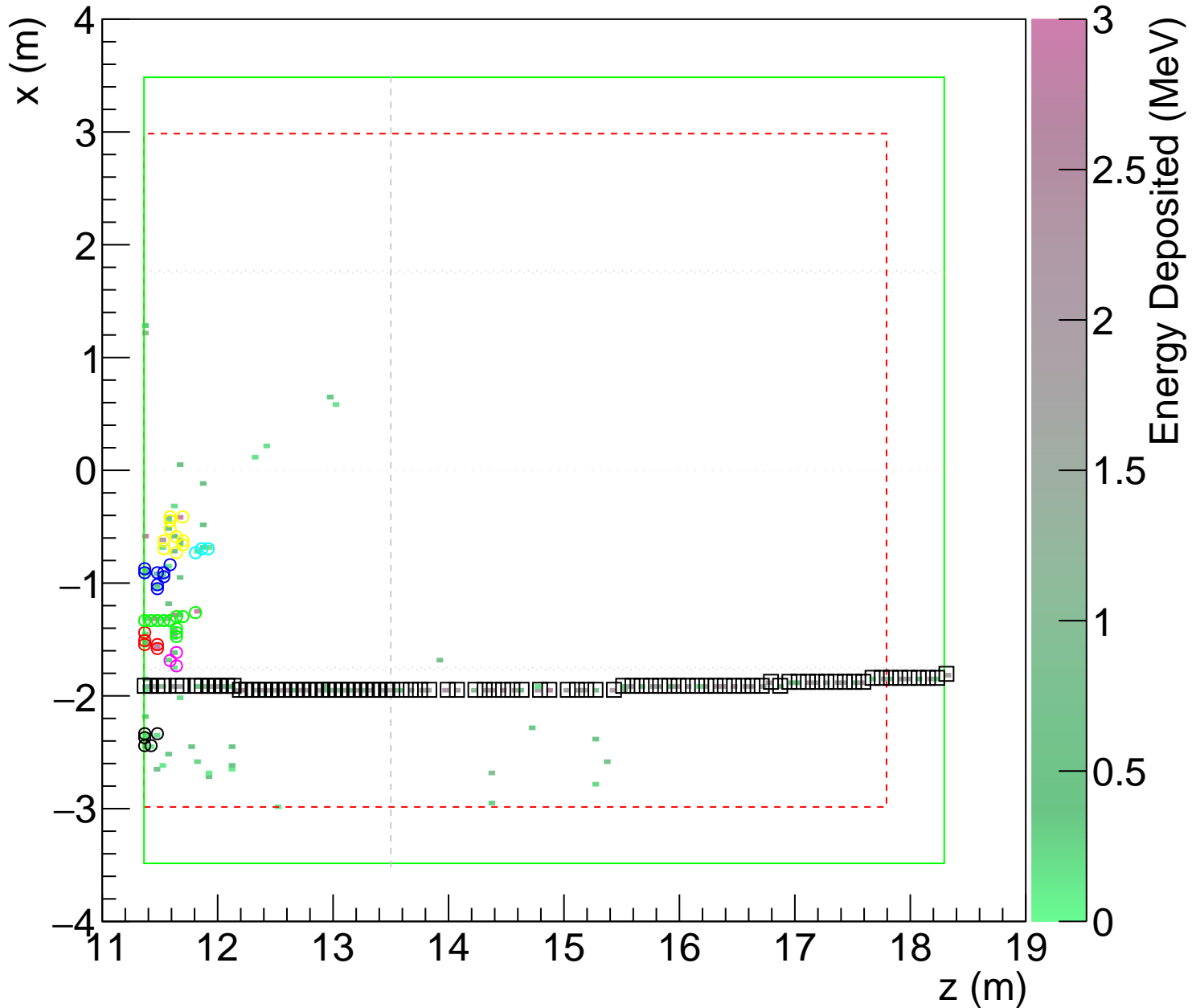


Event 214, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.59$  GeV,  $E_{\mu}^{\text{true}}=13.74$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],QES,

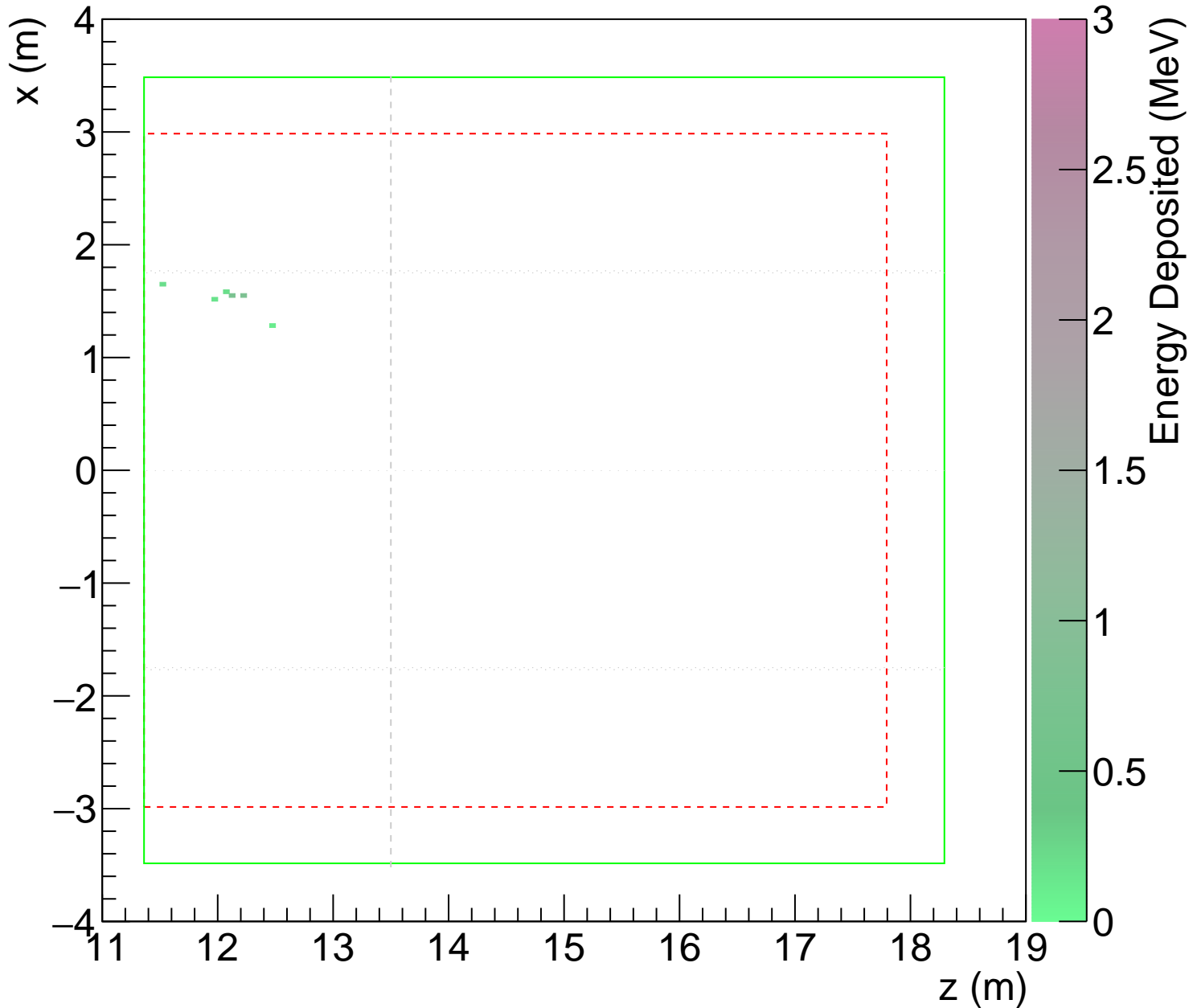


# Event 214 reconstructed

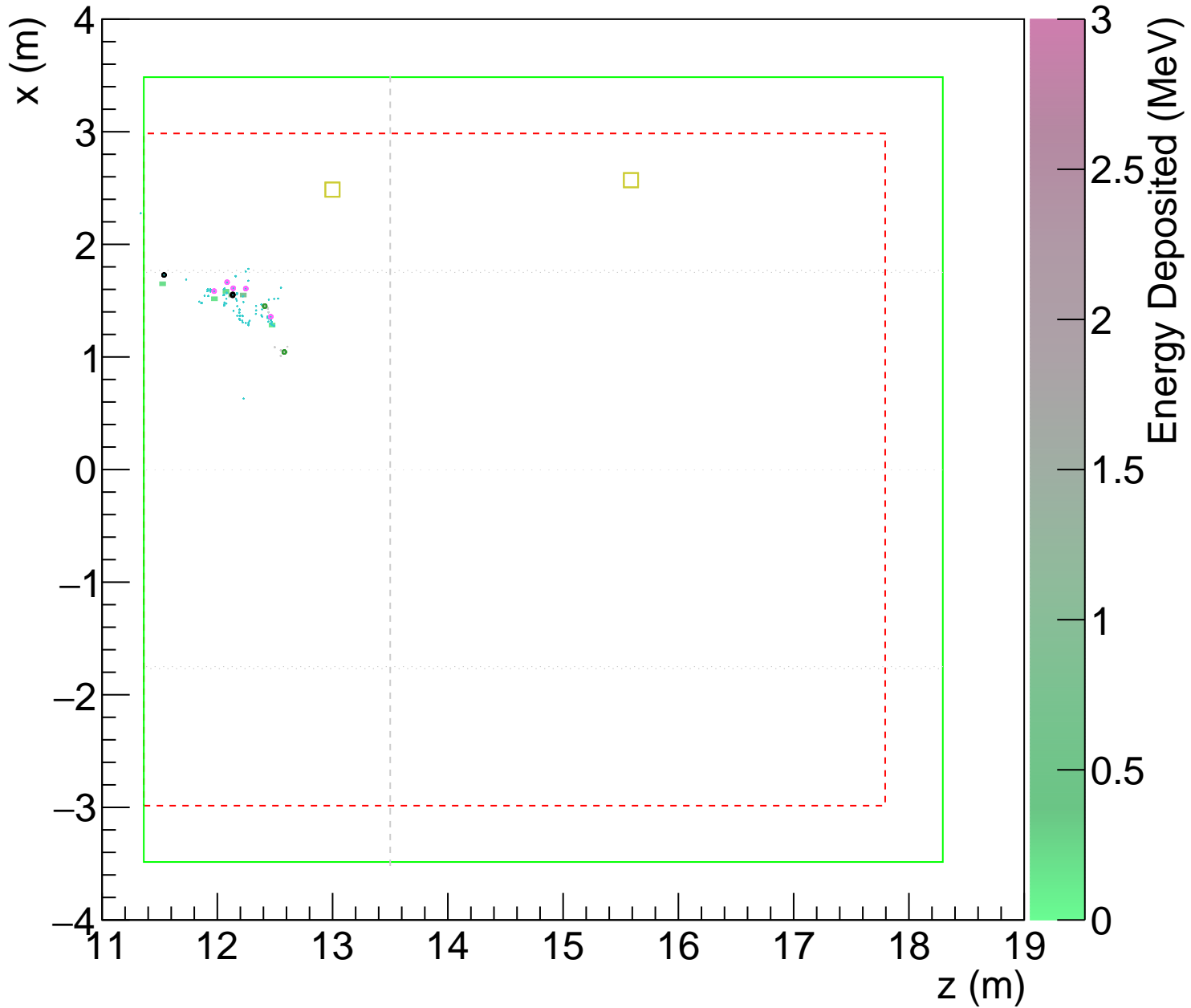
nLines: 1, nClusters: 7



Event 215, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.42$  GeV,  $E_{\mu}^{\text{true}}=0.96$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

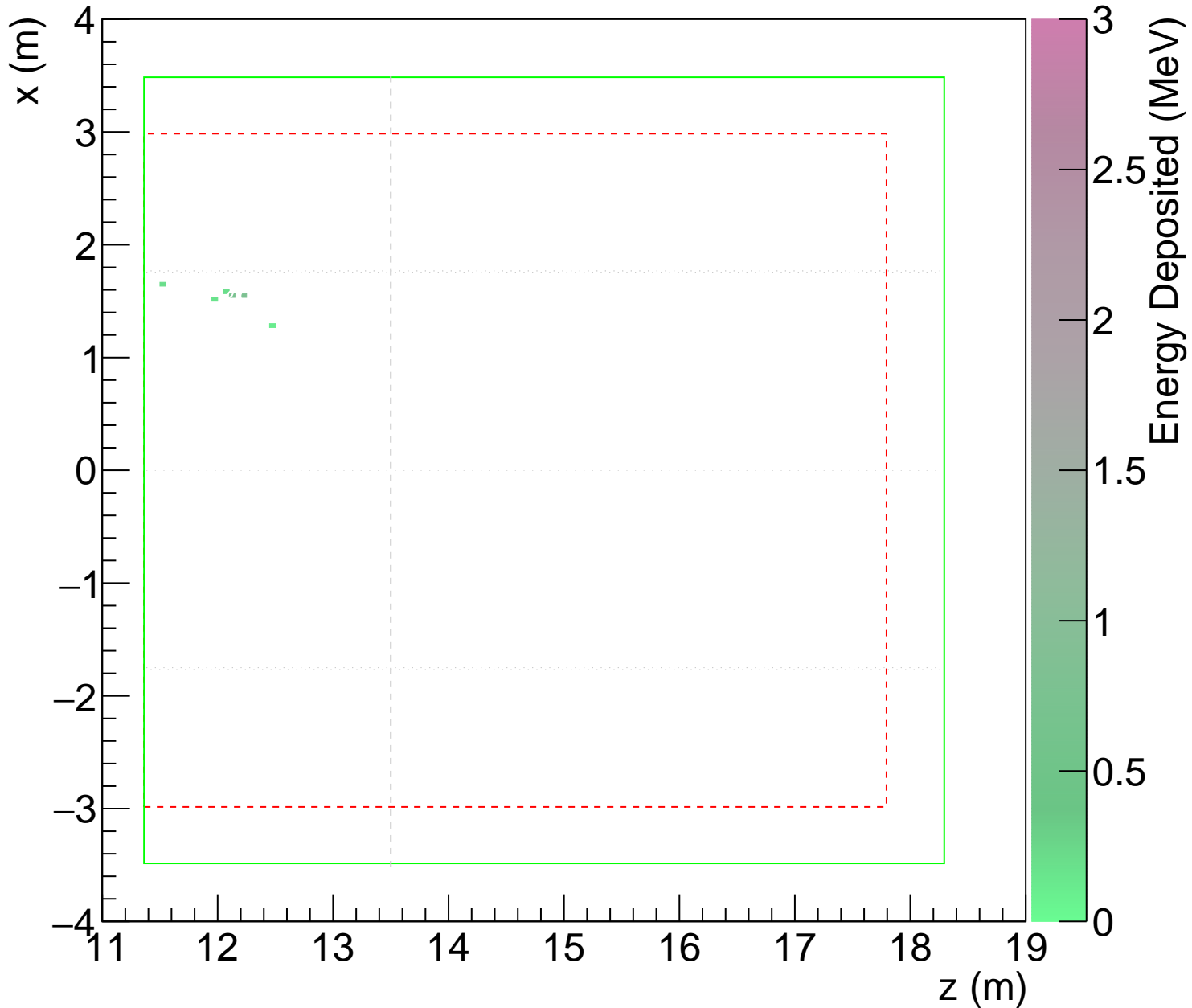


Event 215, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.42$  GeV,  $E_{\mu}^{\text{true}}=0.96$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

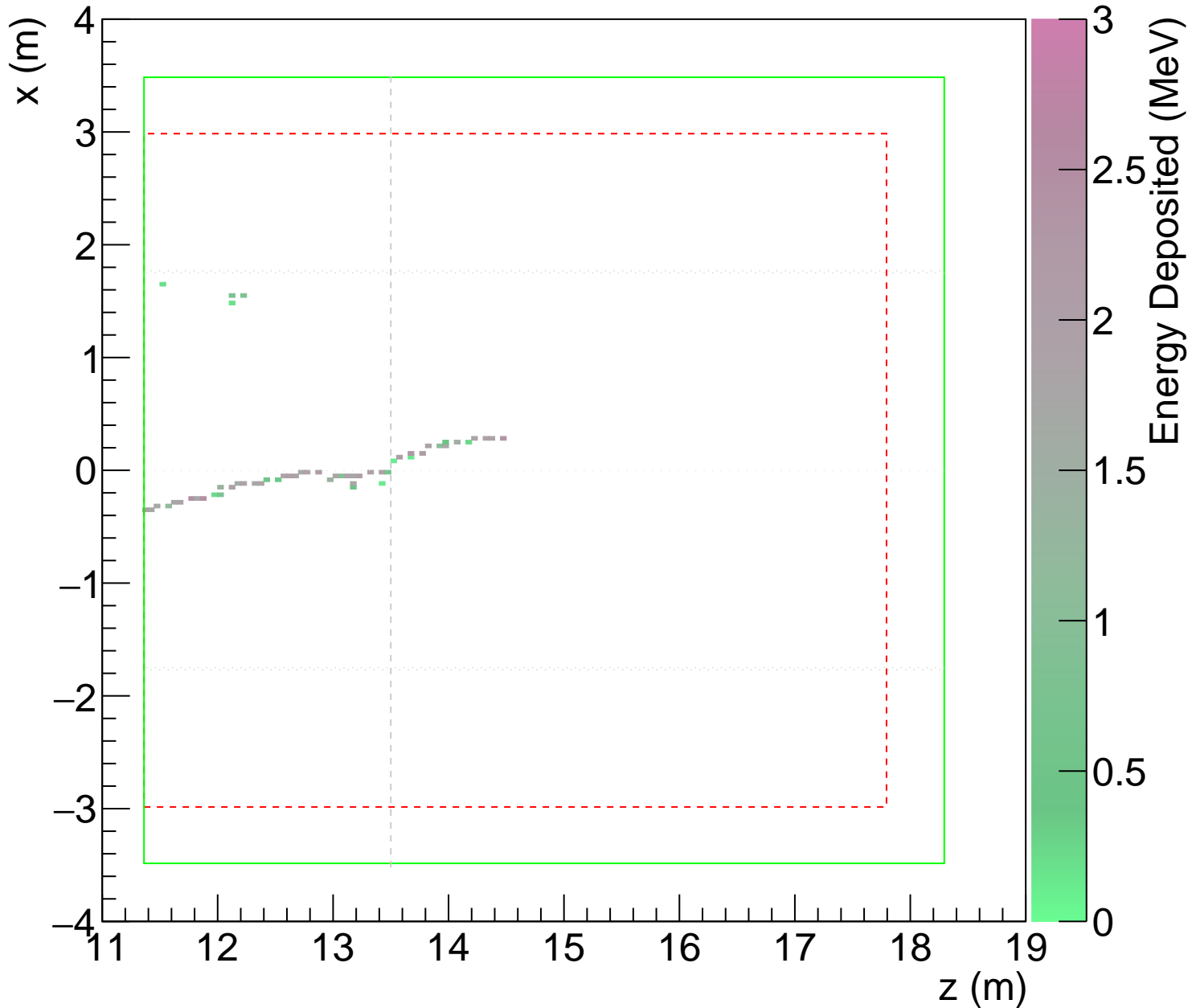


# Event 215 reconstructed

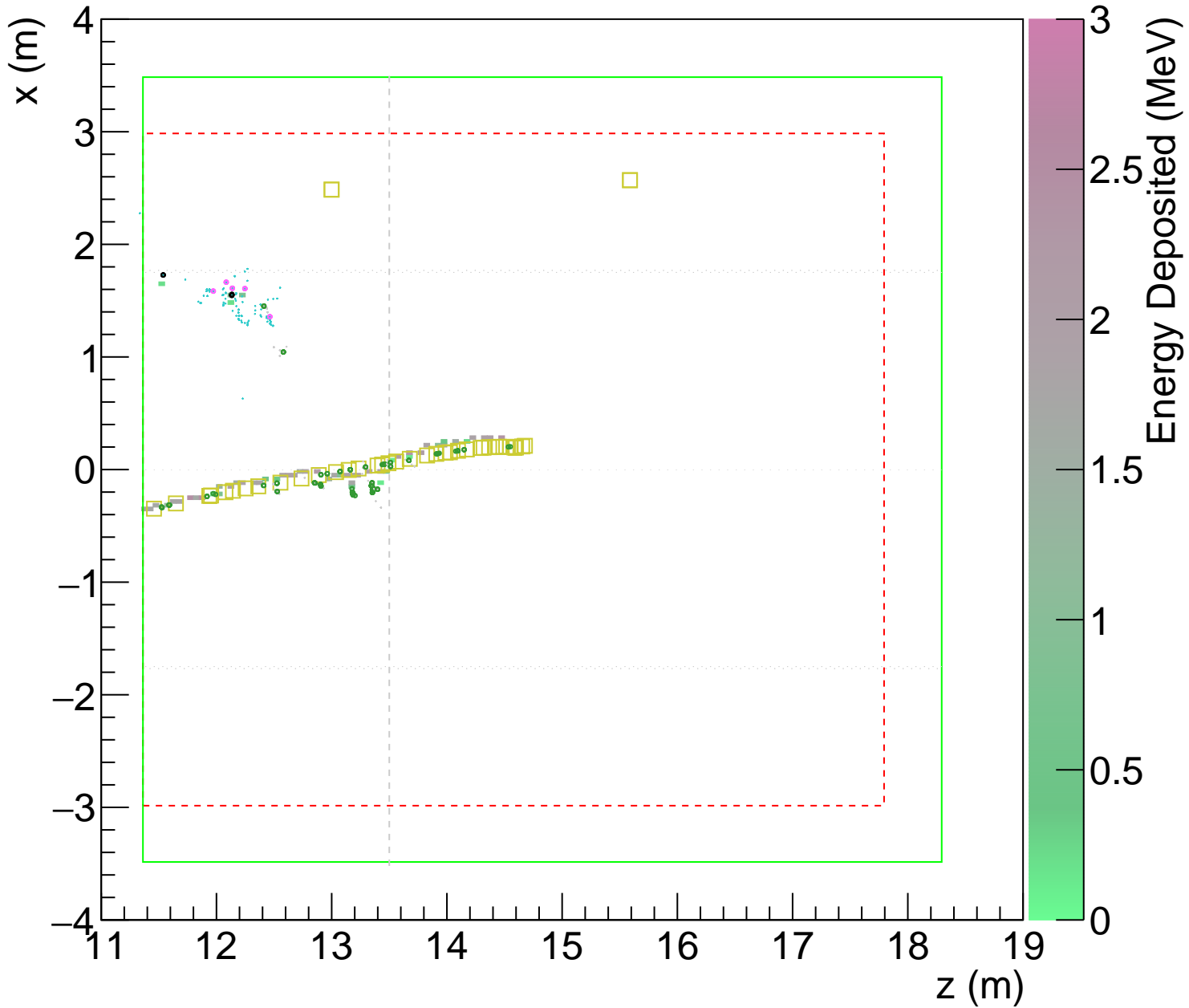
nLines: 0, nClusters: 1



Event 216, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.55$  GeV,  $E_{\mu}^{\text{true}}=2.89$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

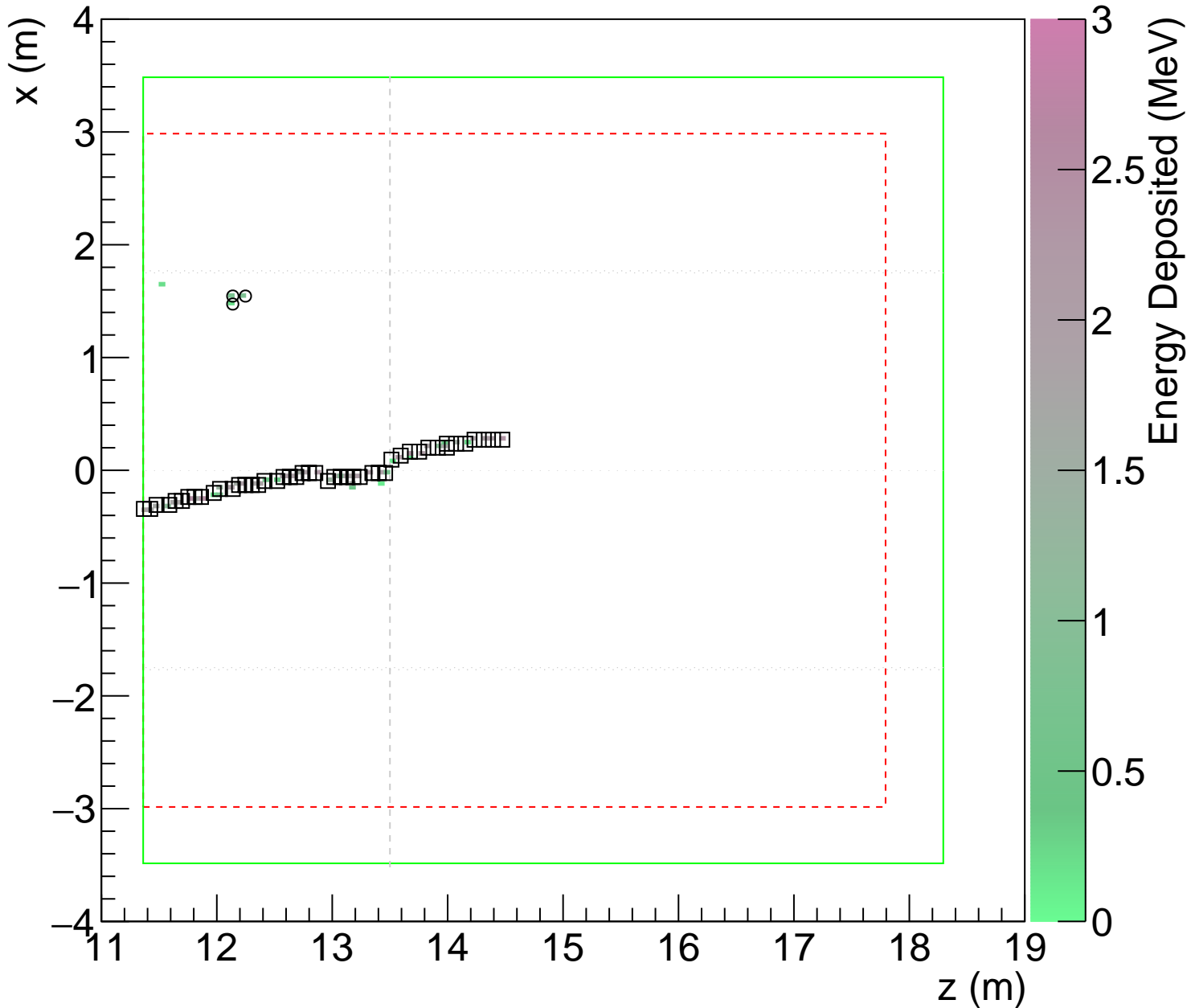


Event 216, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.55$  GeV,  $E_{\mu}^{\text{true}}=2.89$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



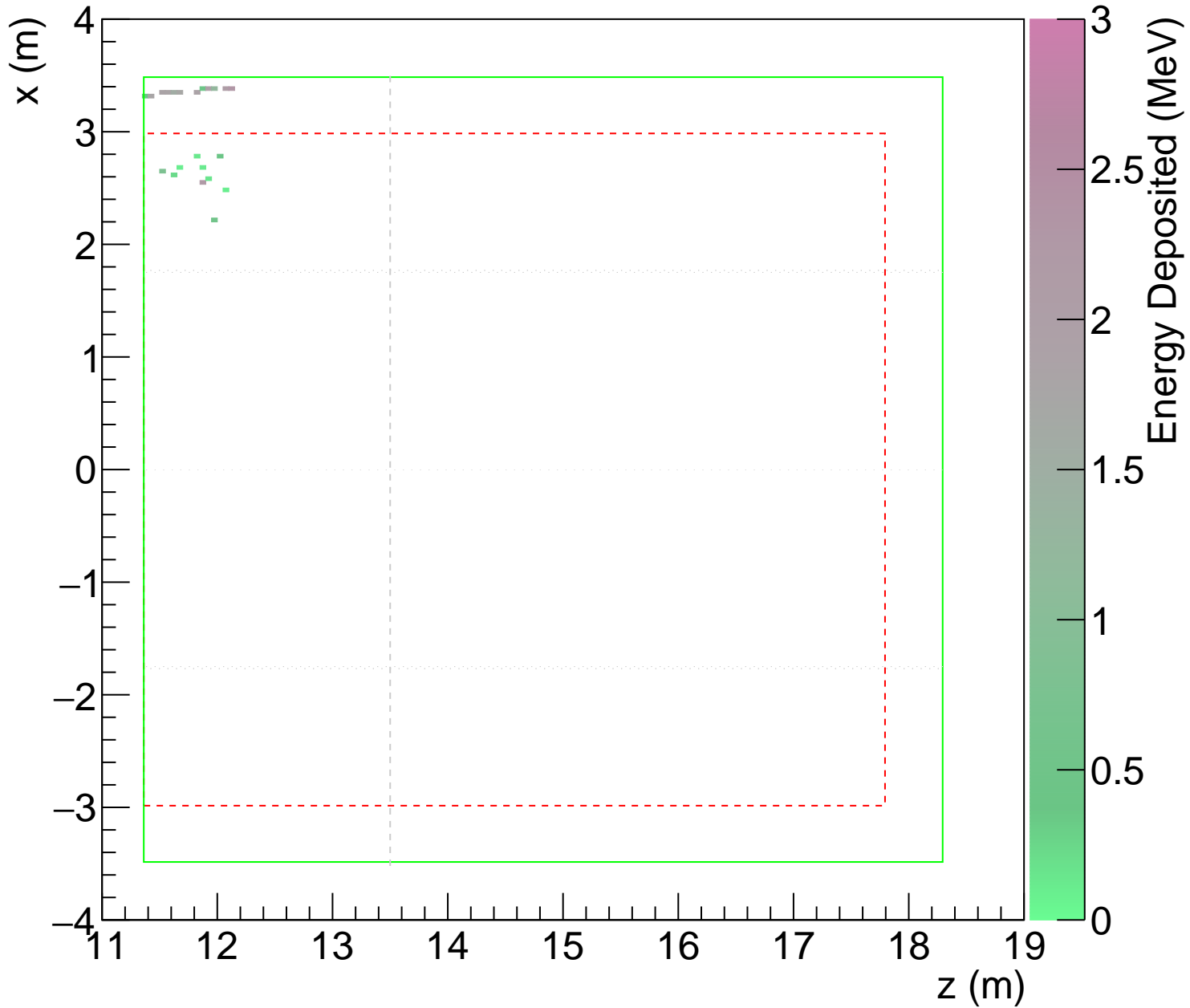
# Event 216 reconstructed

nLines: 1, nClusters: 1

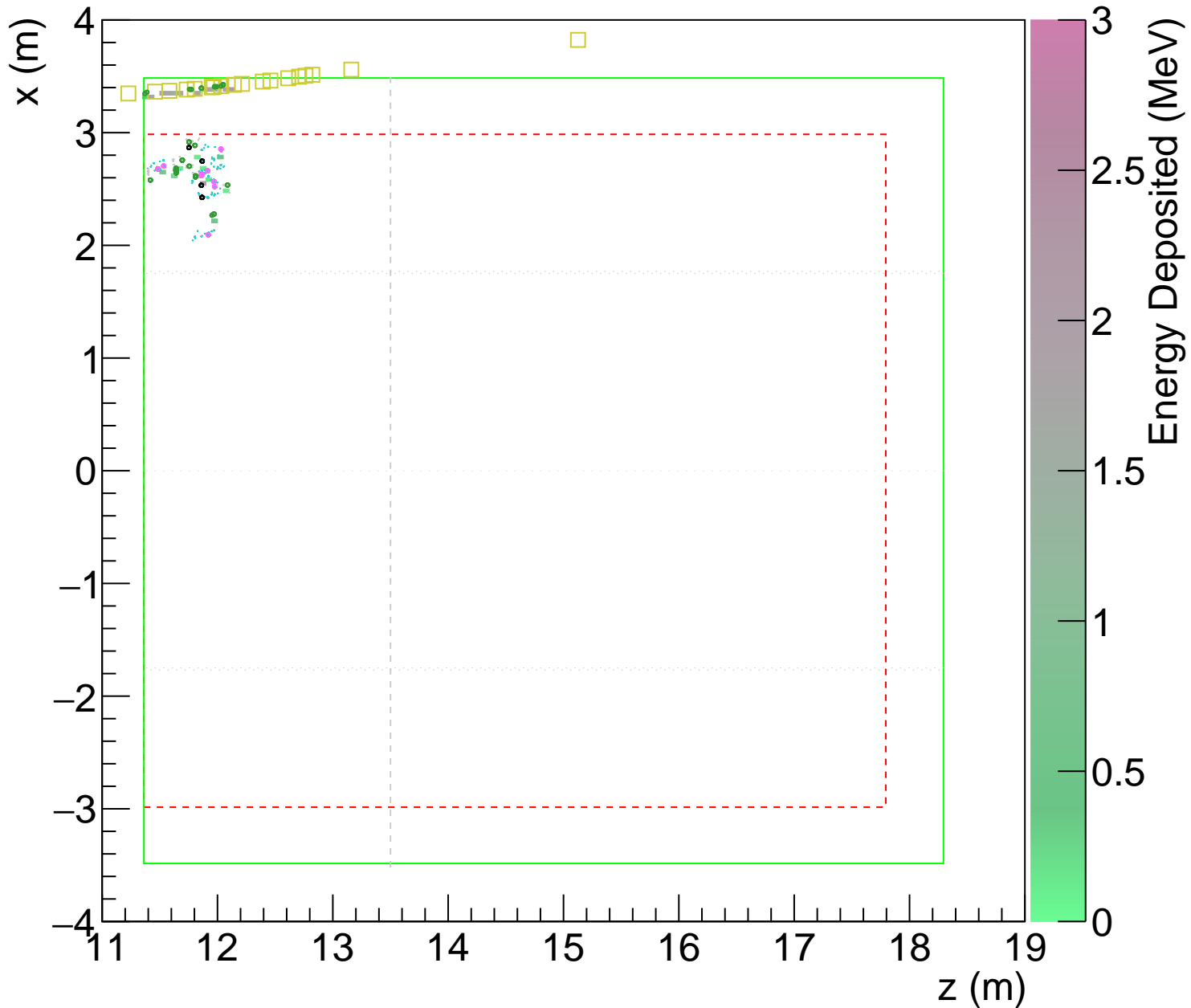




Event 217, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.93$  GeV,  $E_{\mu}^{\text{true}}=1.78$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:6,

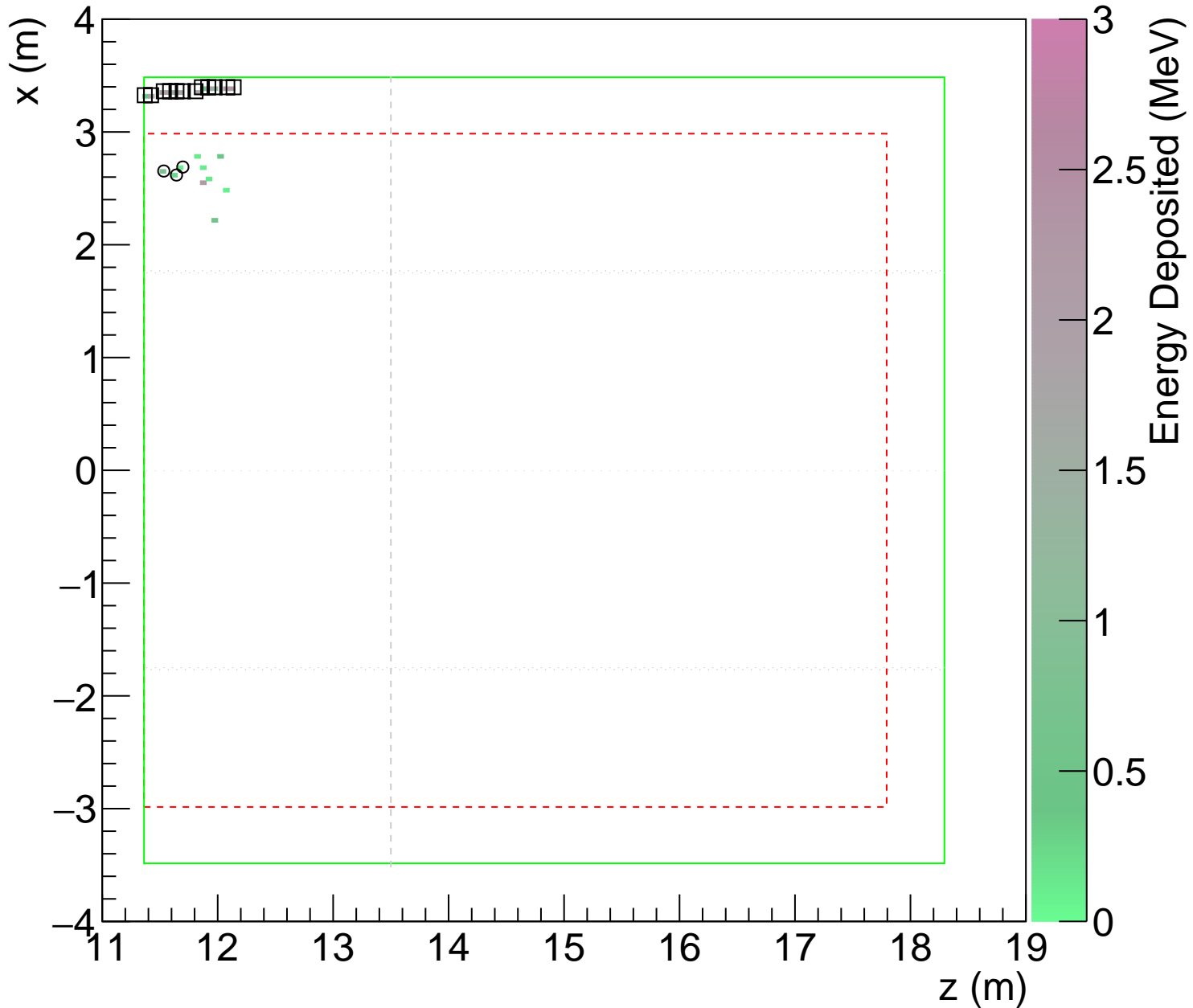


Event 217, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.93$  GeV,  $E_{\mu}^{\text{true}}=1.78$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:6,

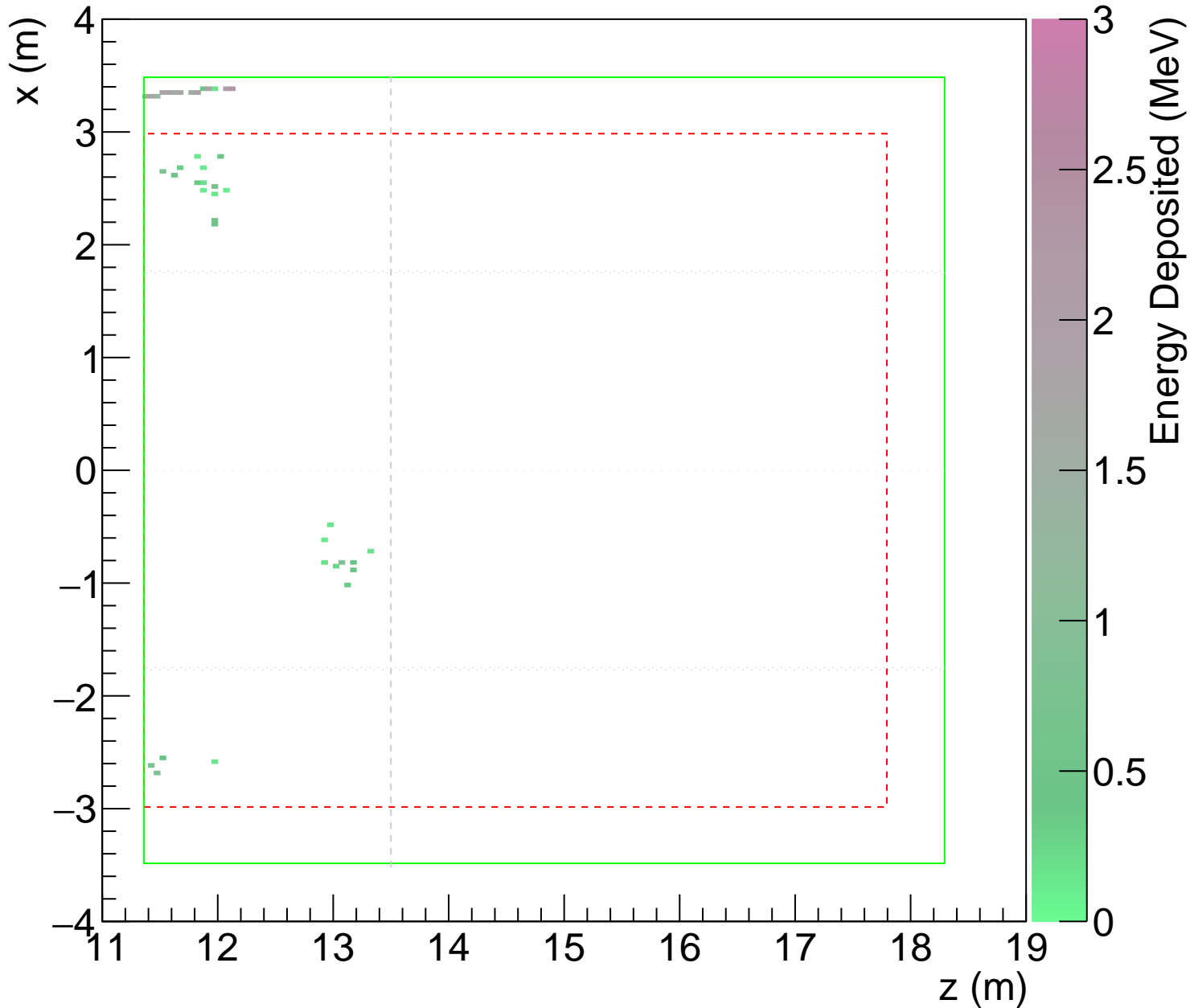


# Event 217 reconstructed

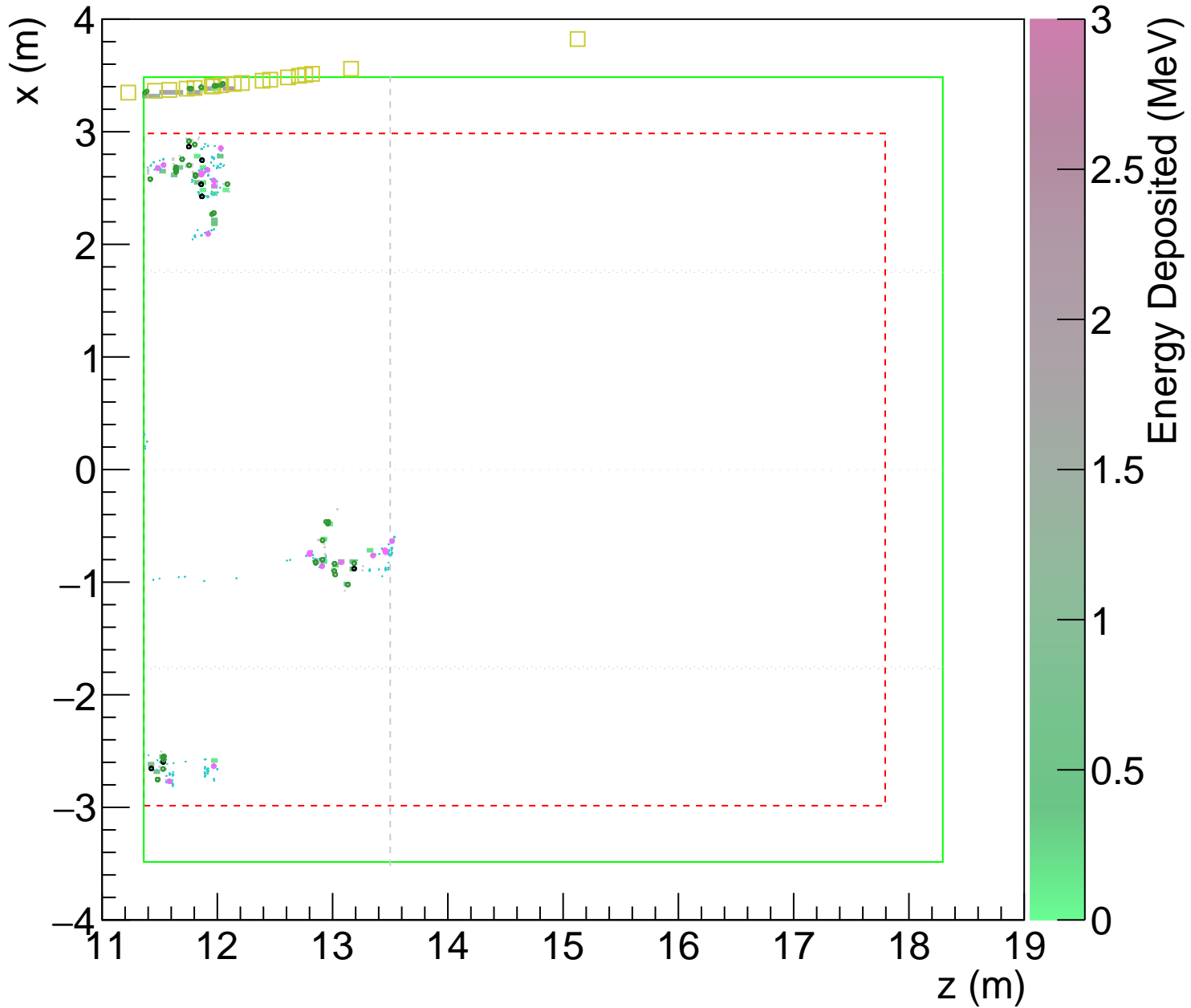
nLines: 1, nClusters: 1



Event 218, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.00$  GeV,  $E_{\mu}^{\text{true}}=1.78$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

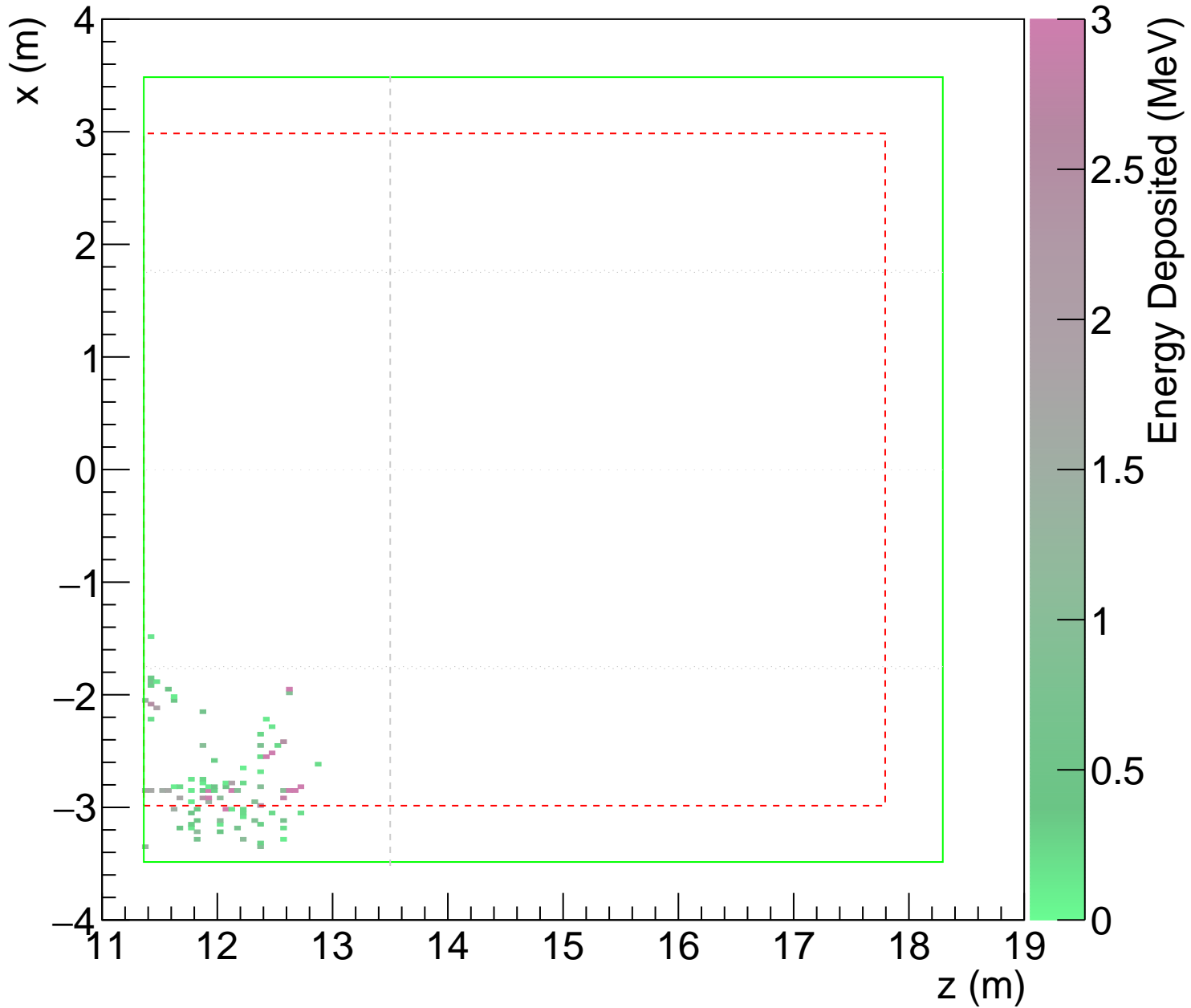


Event 218, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.00$  GeV,  $E_{\mu}^{\text{true}}=1.78$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

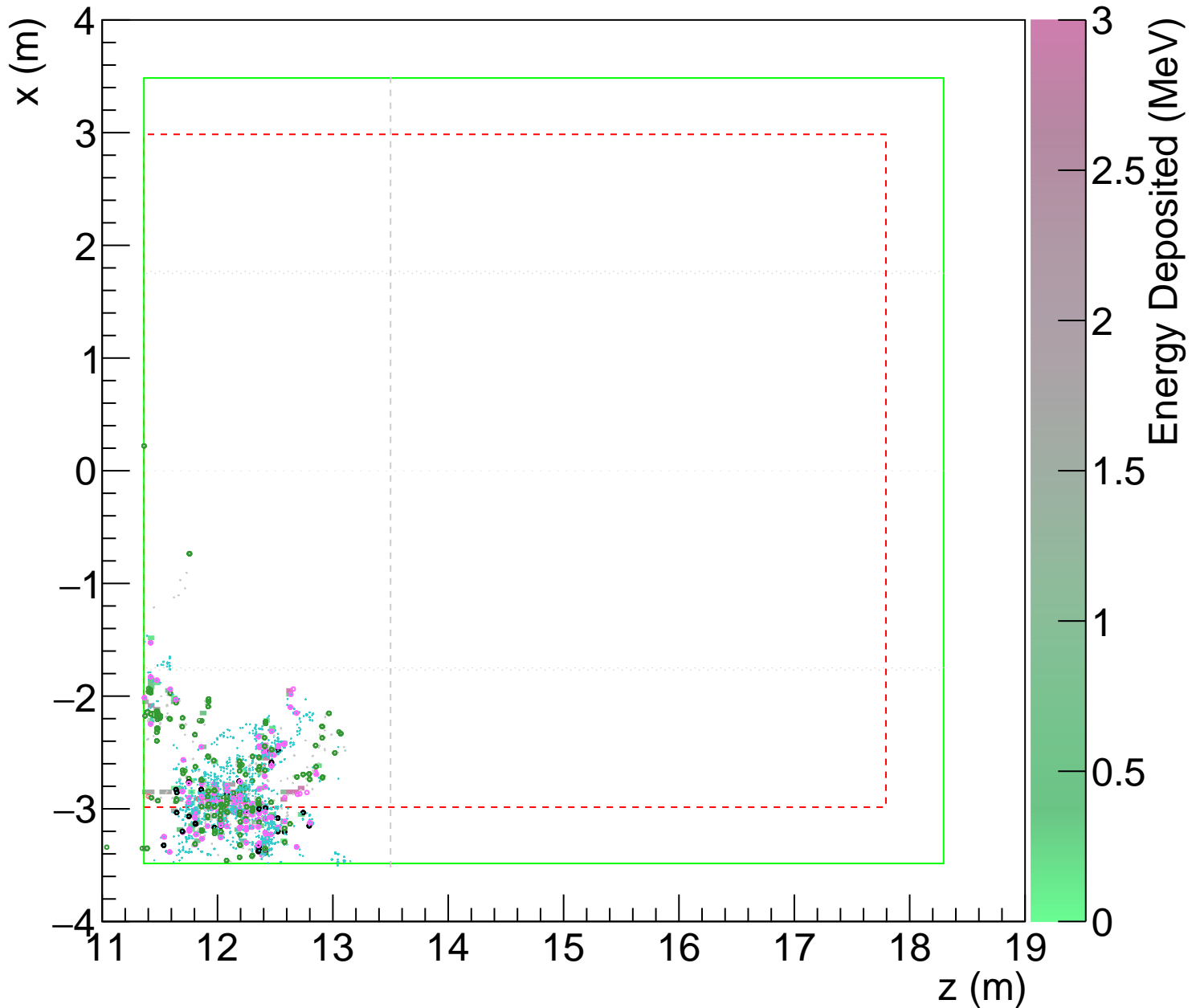




Event 221, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=16.42$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(s),proc:Weak[NC],DIS,



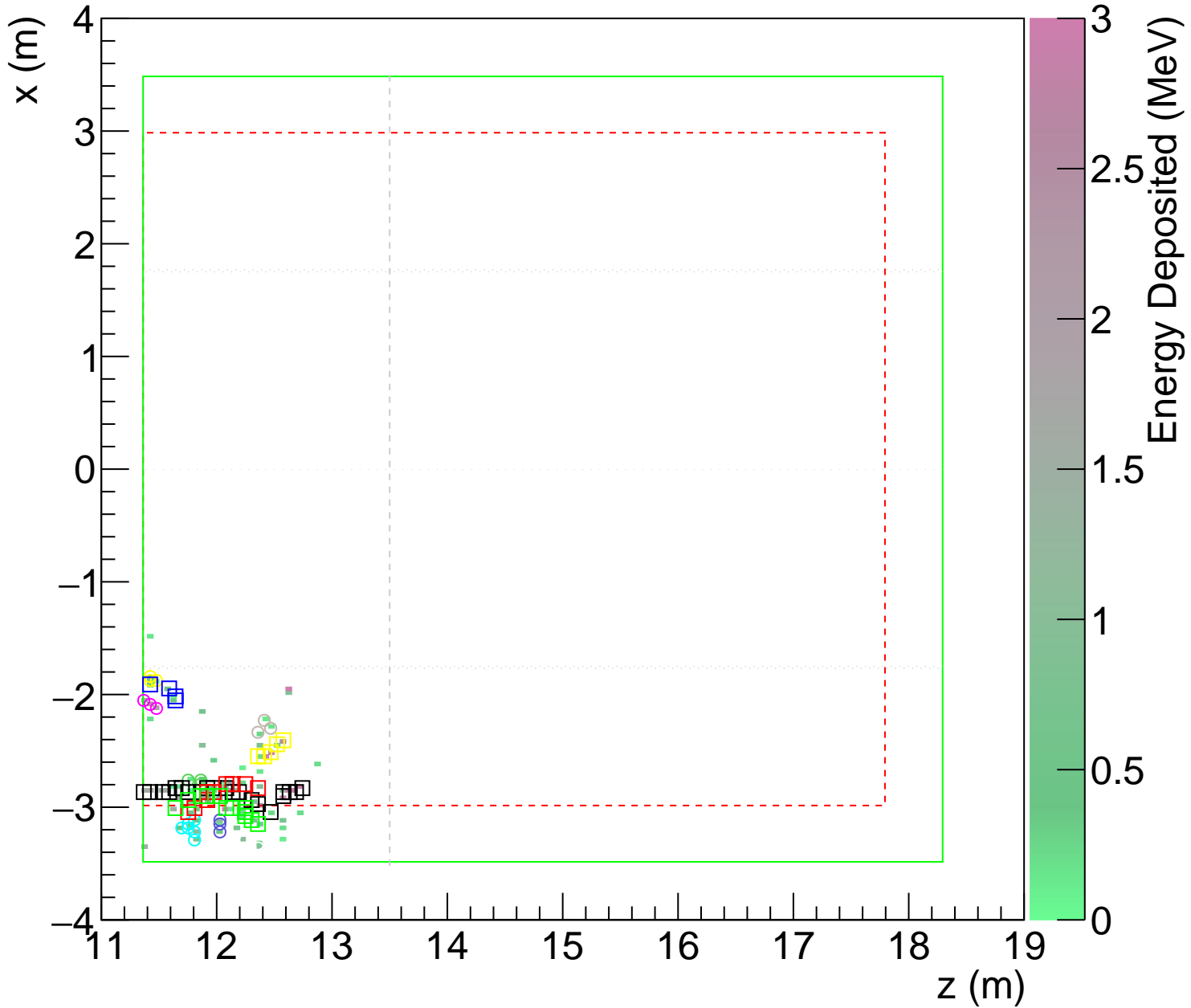
Event 221, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=16.42$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(s),proc:Weak[NC],DIS,



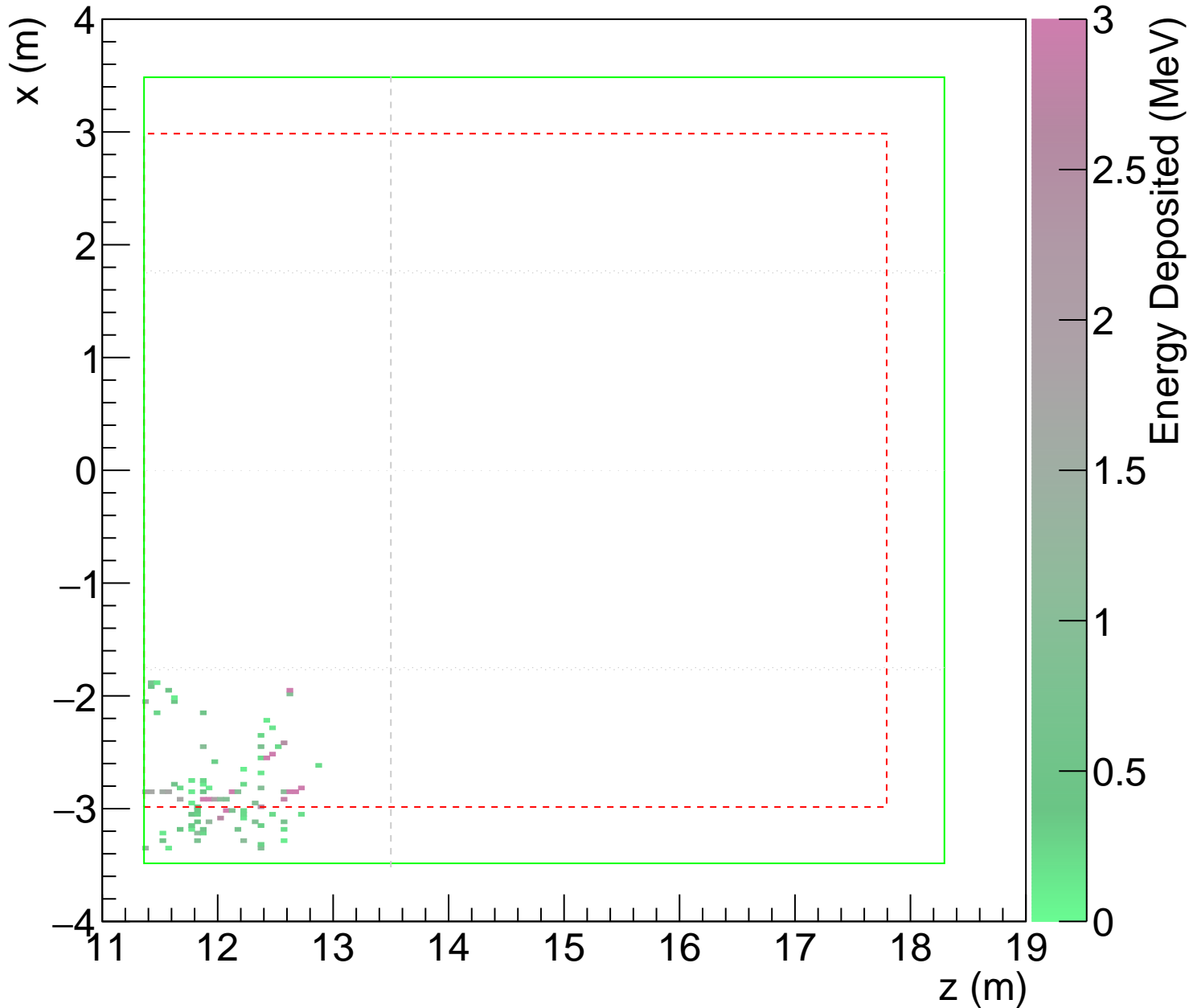


# Event 221 reconstructed

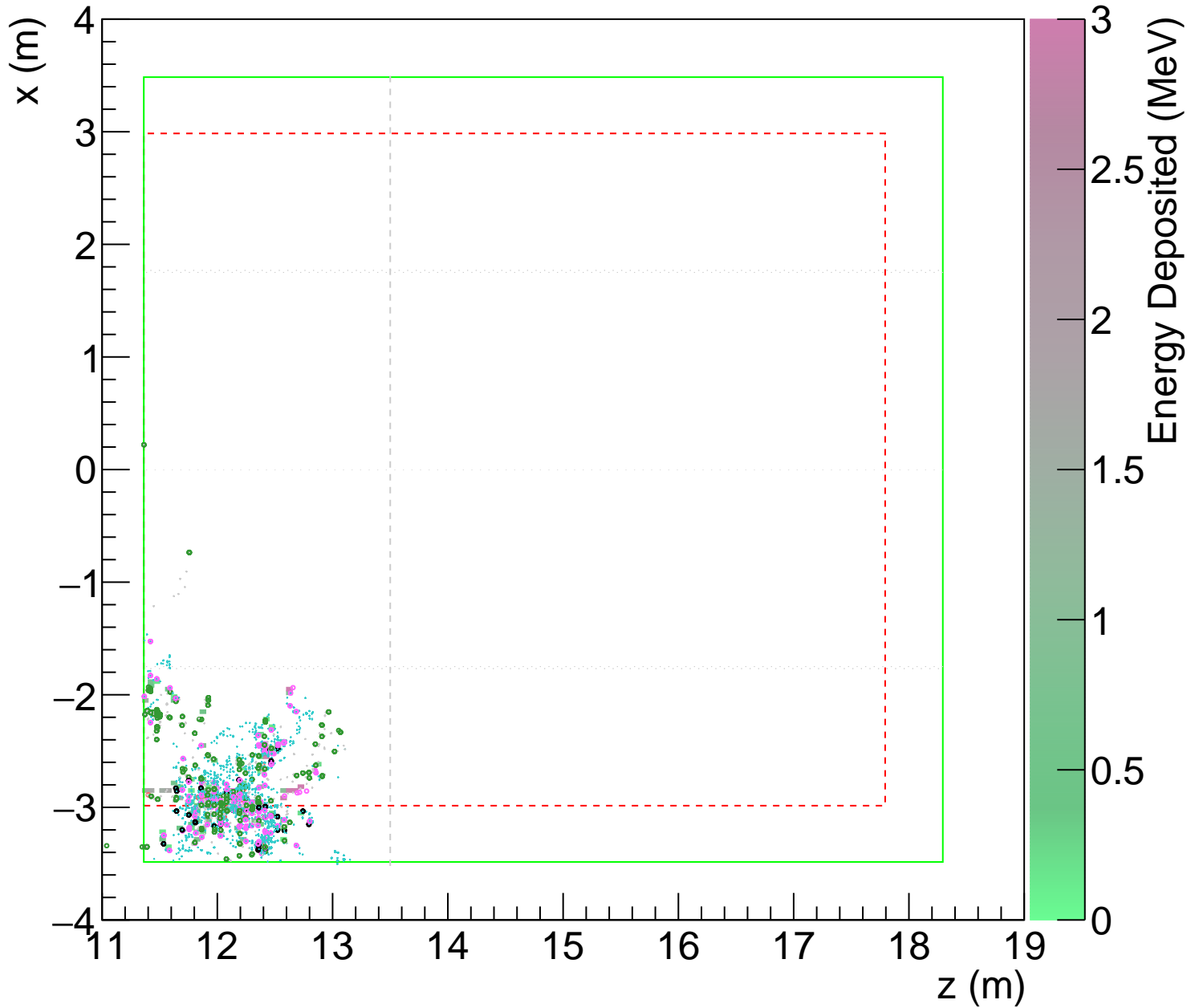
nLines: 5, nClusters: 7



Event 222, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=0.79$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

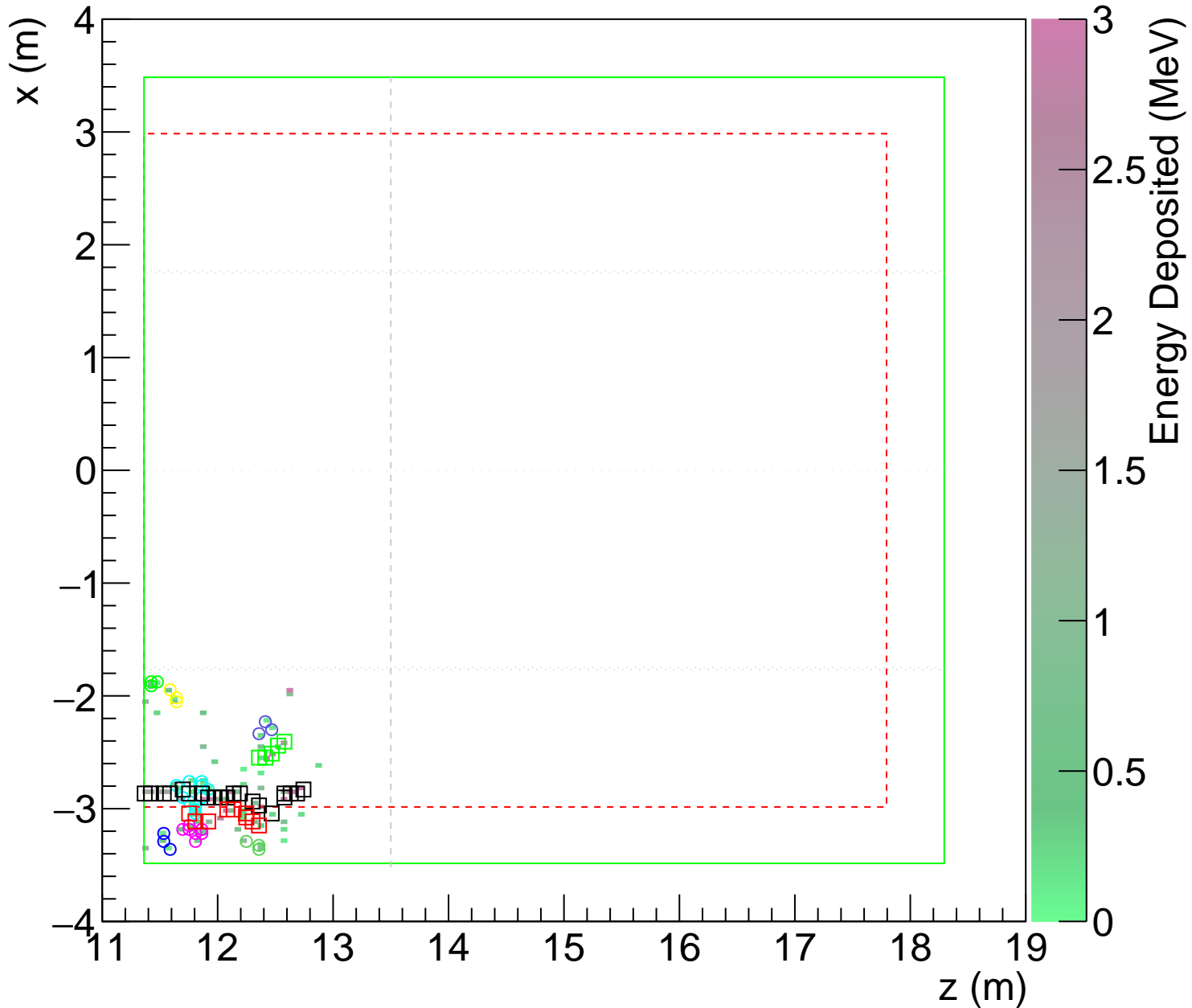


Event 222, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=0.79$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

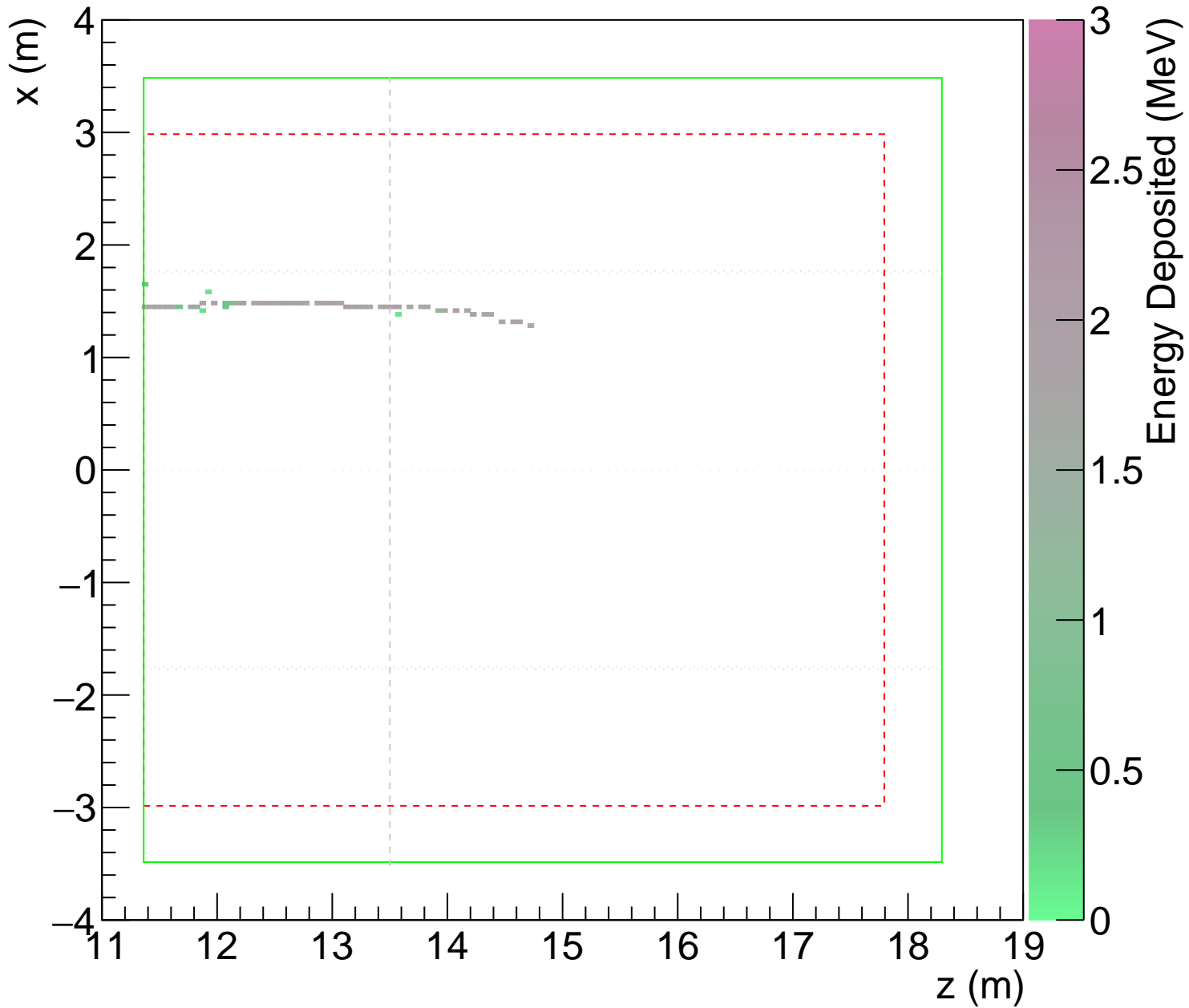


# Event 222 reconstructed

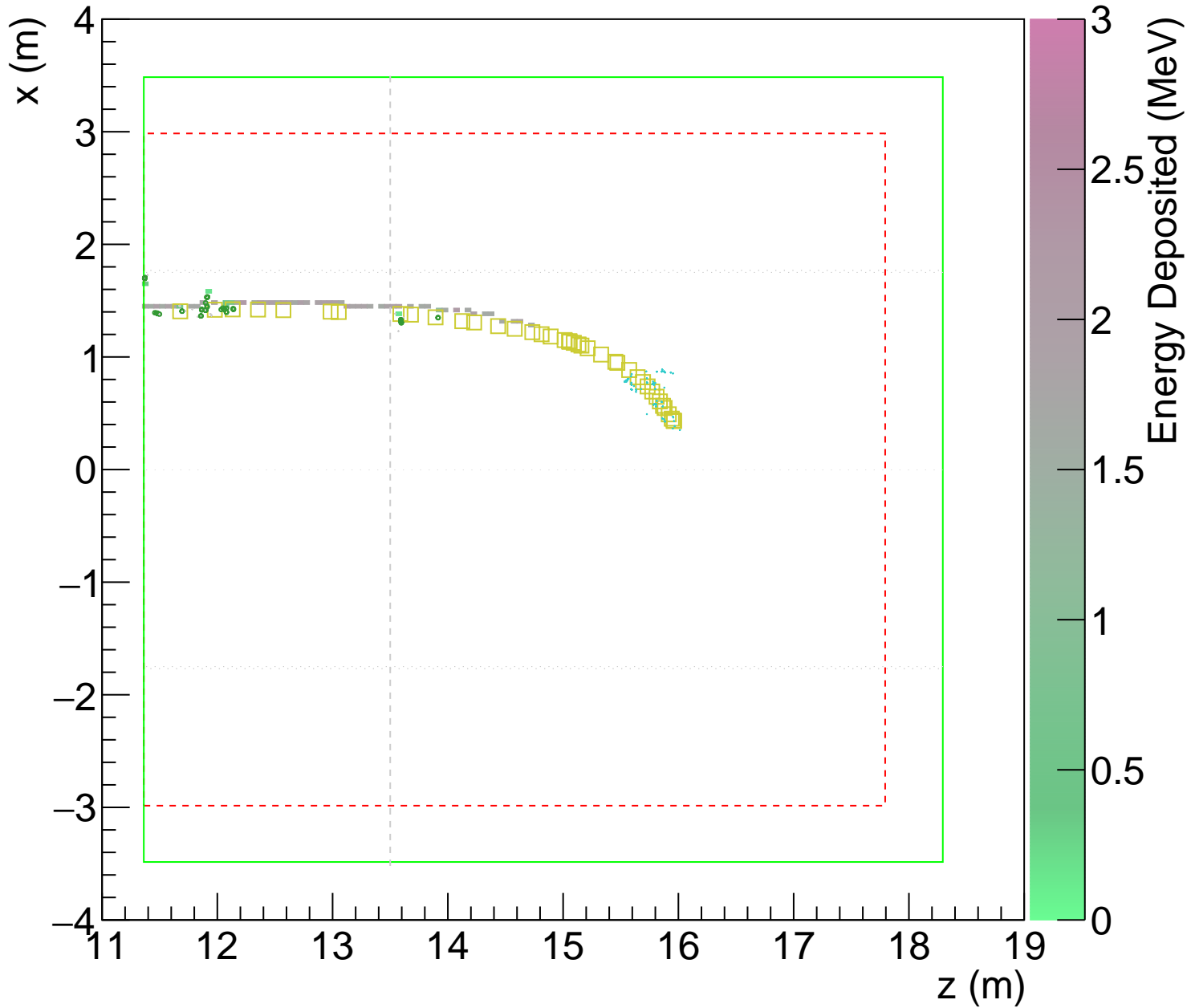
nLines: 3, nClusters: 7



Event 224, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.77$  GeV,  $E_{\mu}^{\text{true}}=3.70$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

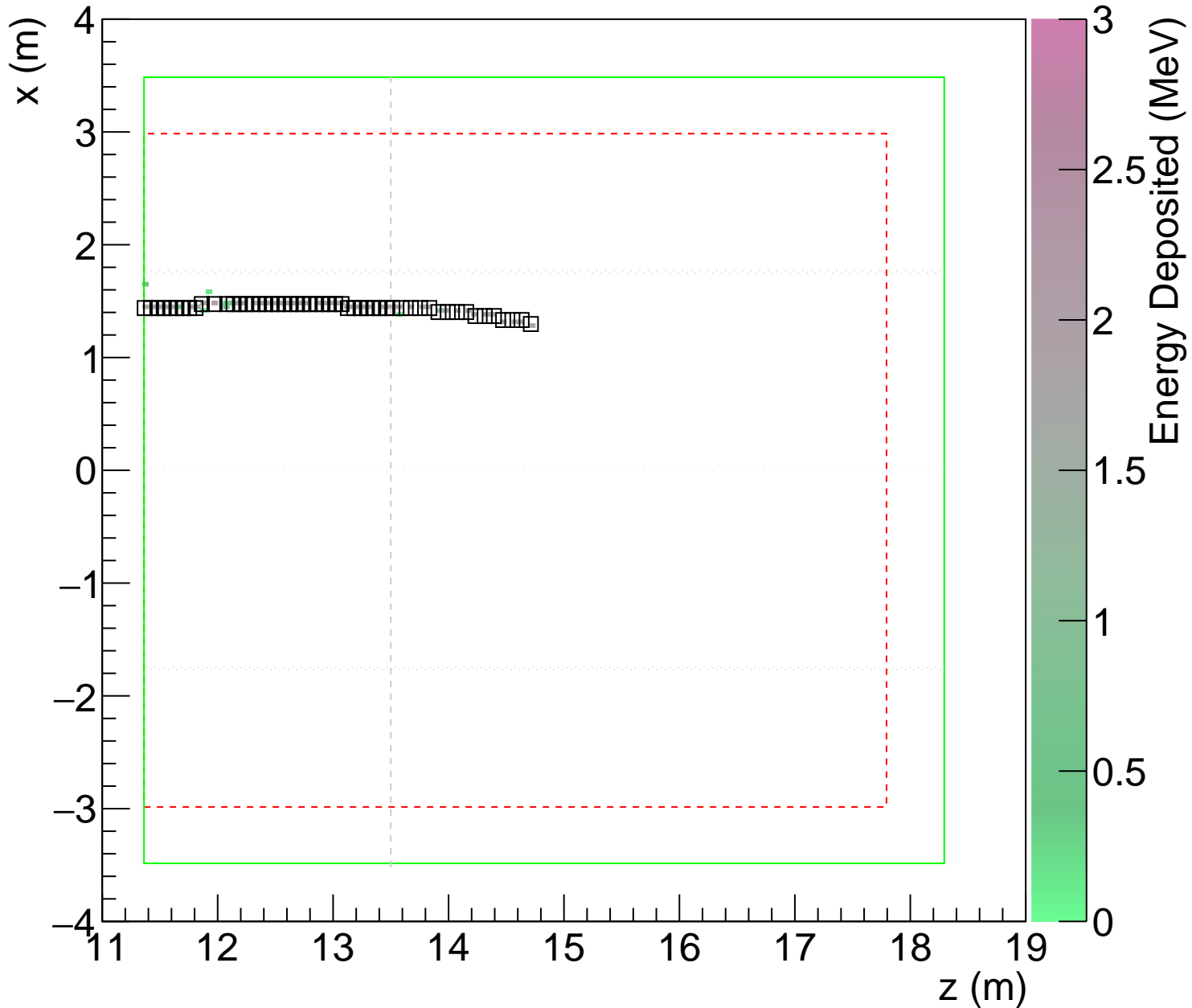


Event 224, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.77$  GeV,  $E_{\mu}^{\text{true}}=3.70$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

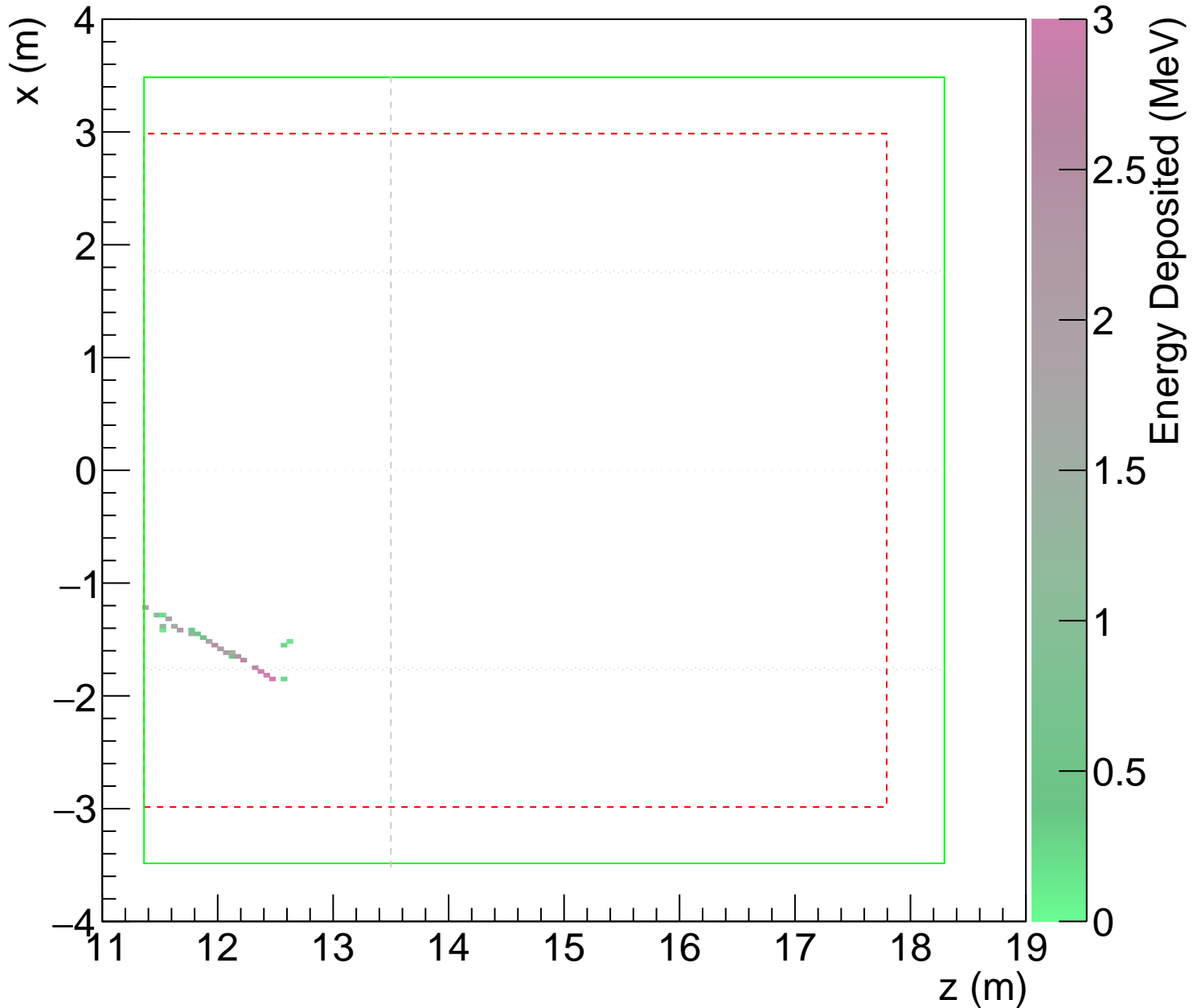


# Event 224 reconstructed

nLines: 1, nClusters: 0

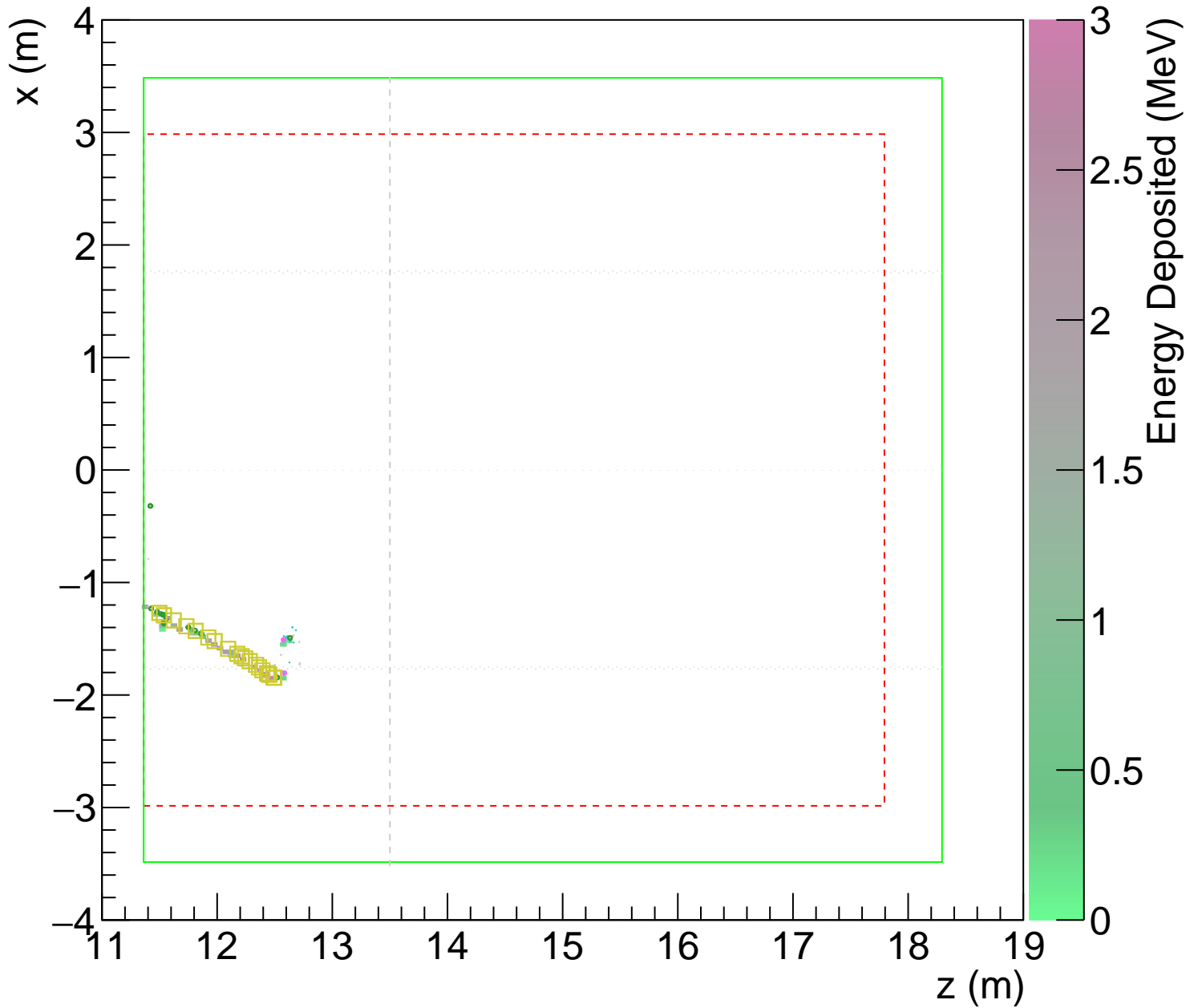


Event 225, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.42$  GeV,  $E_{\mu}^{\text{true}}=1.06$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



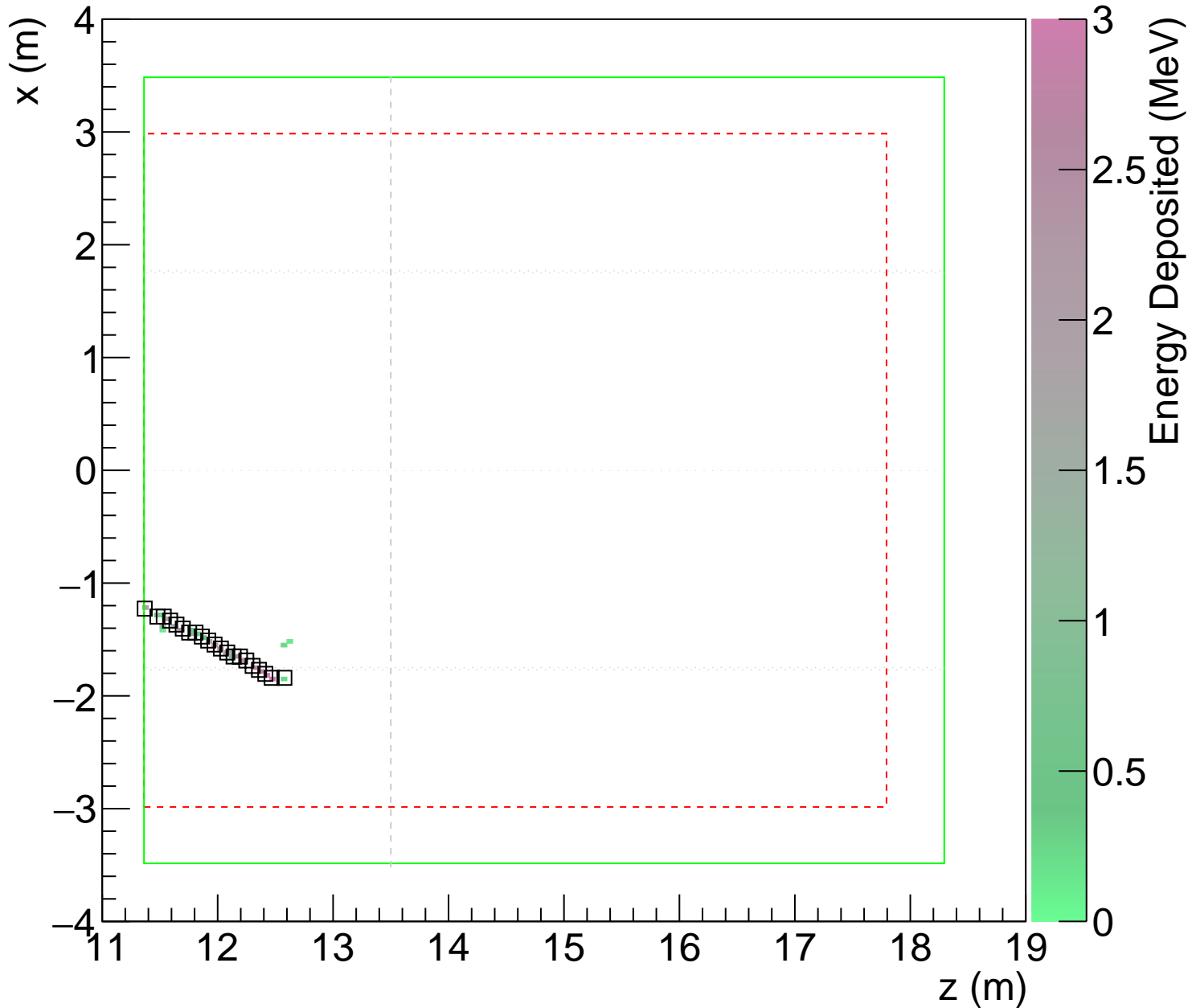


Event 225, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.42$  GeV,  $E_{\mu}^{\text{true}}=1.06$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

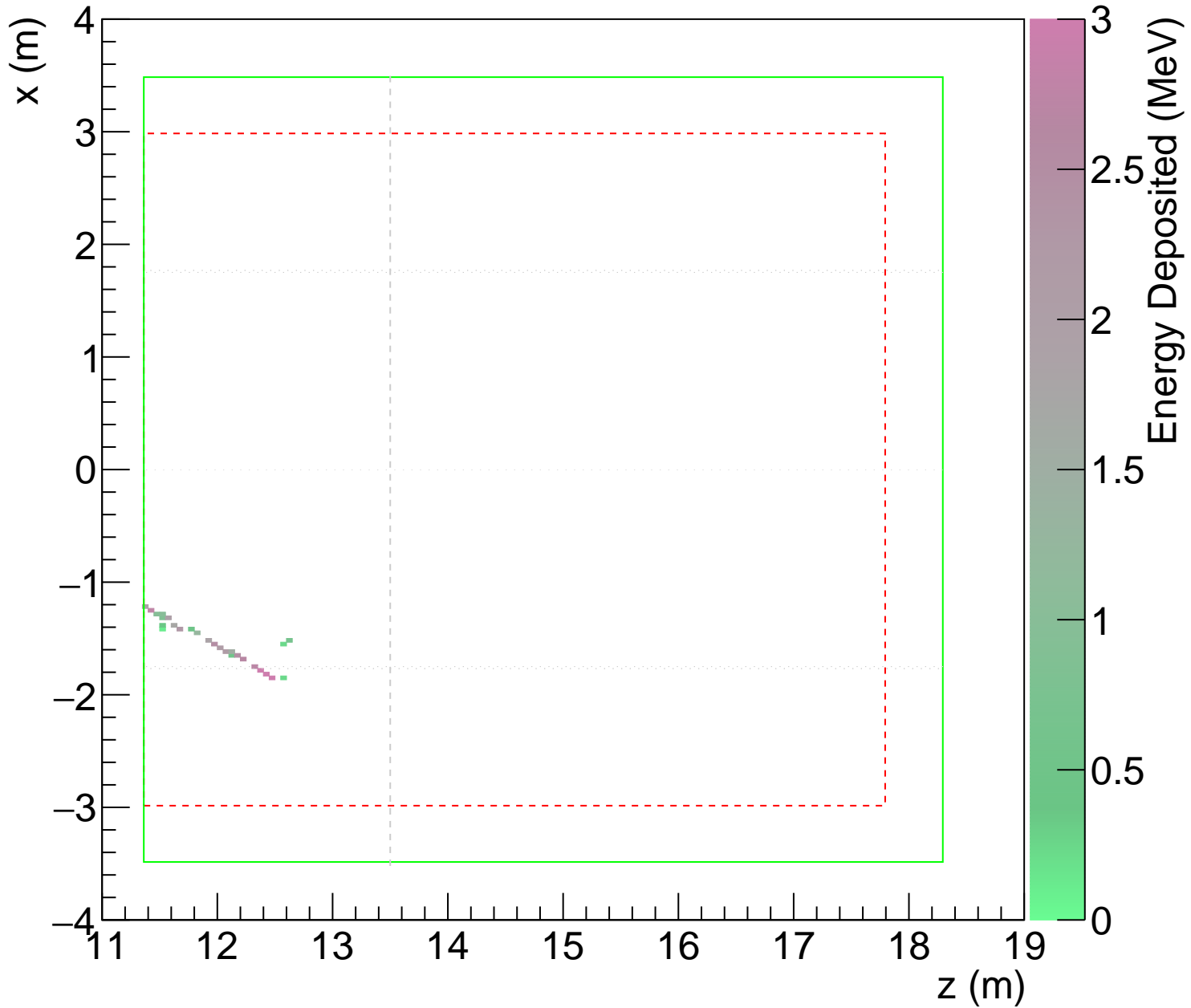


# Event 225 reconstructed

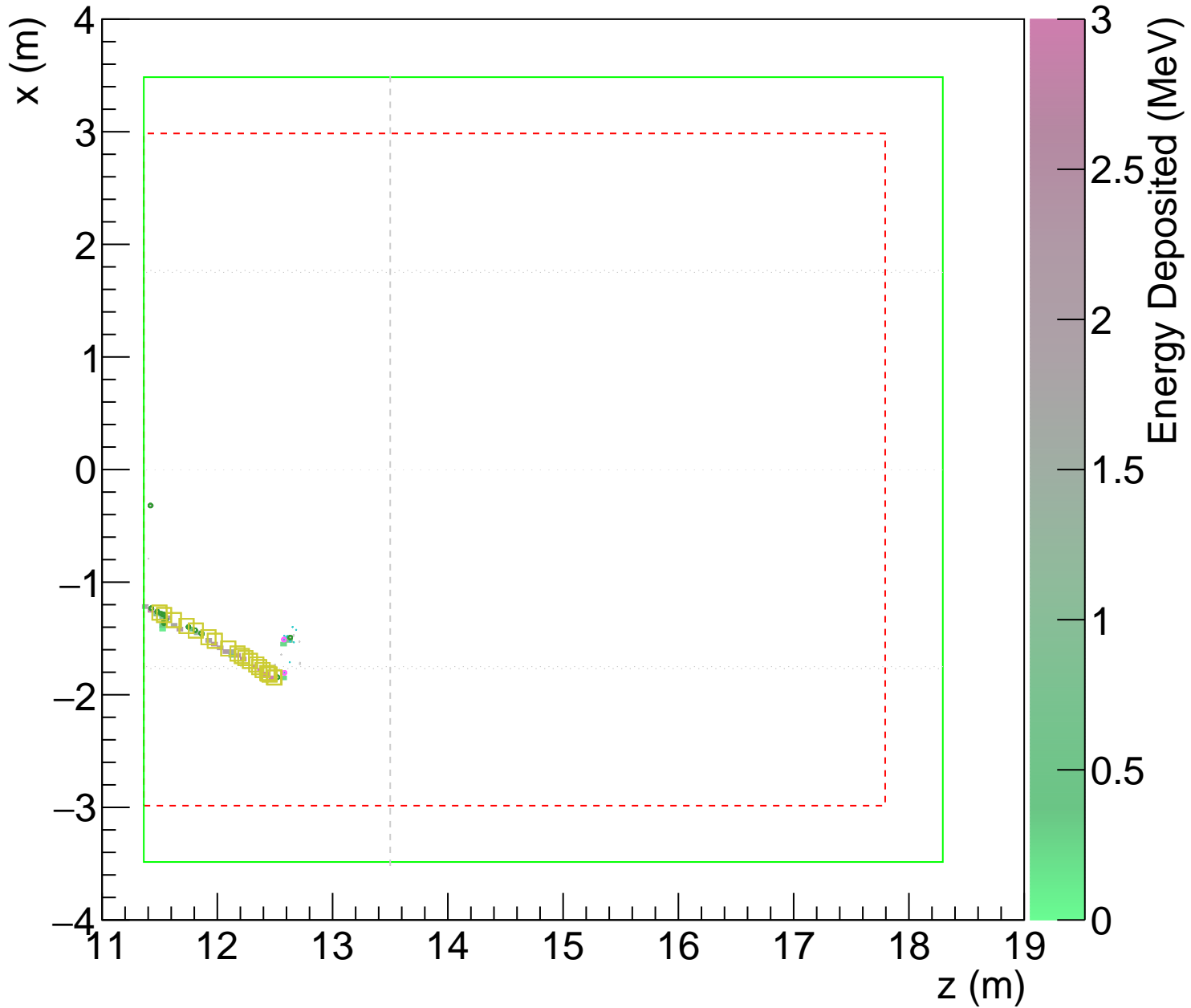
nLines: 1, nClusters: 0



Event 226, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.85$  GeV,  $E_{\mu}^{\text{true}}=1.06$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

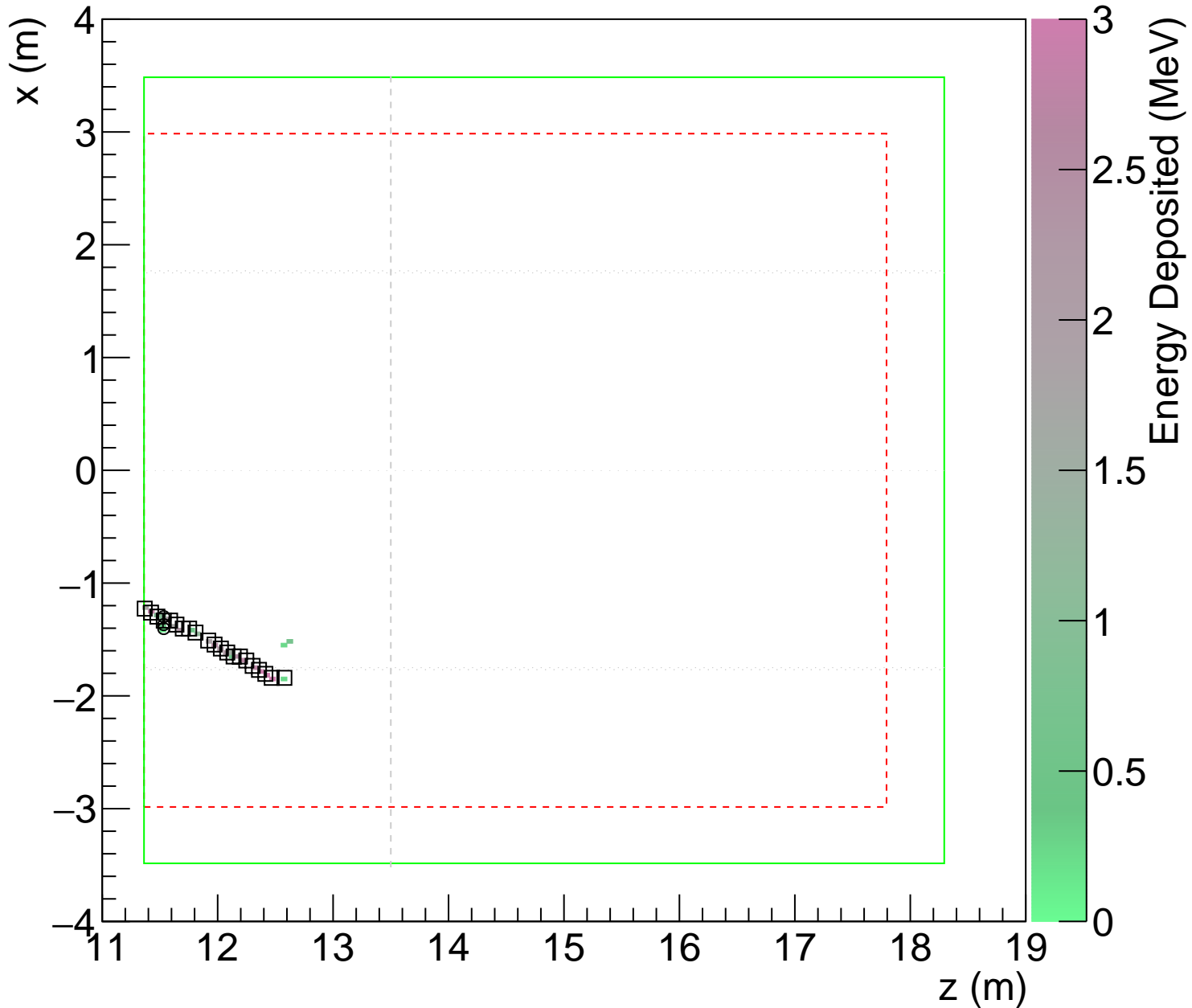


Event 226, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.85$  GeV,  $E_{\mu}^{\text{true}}=1.06$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

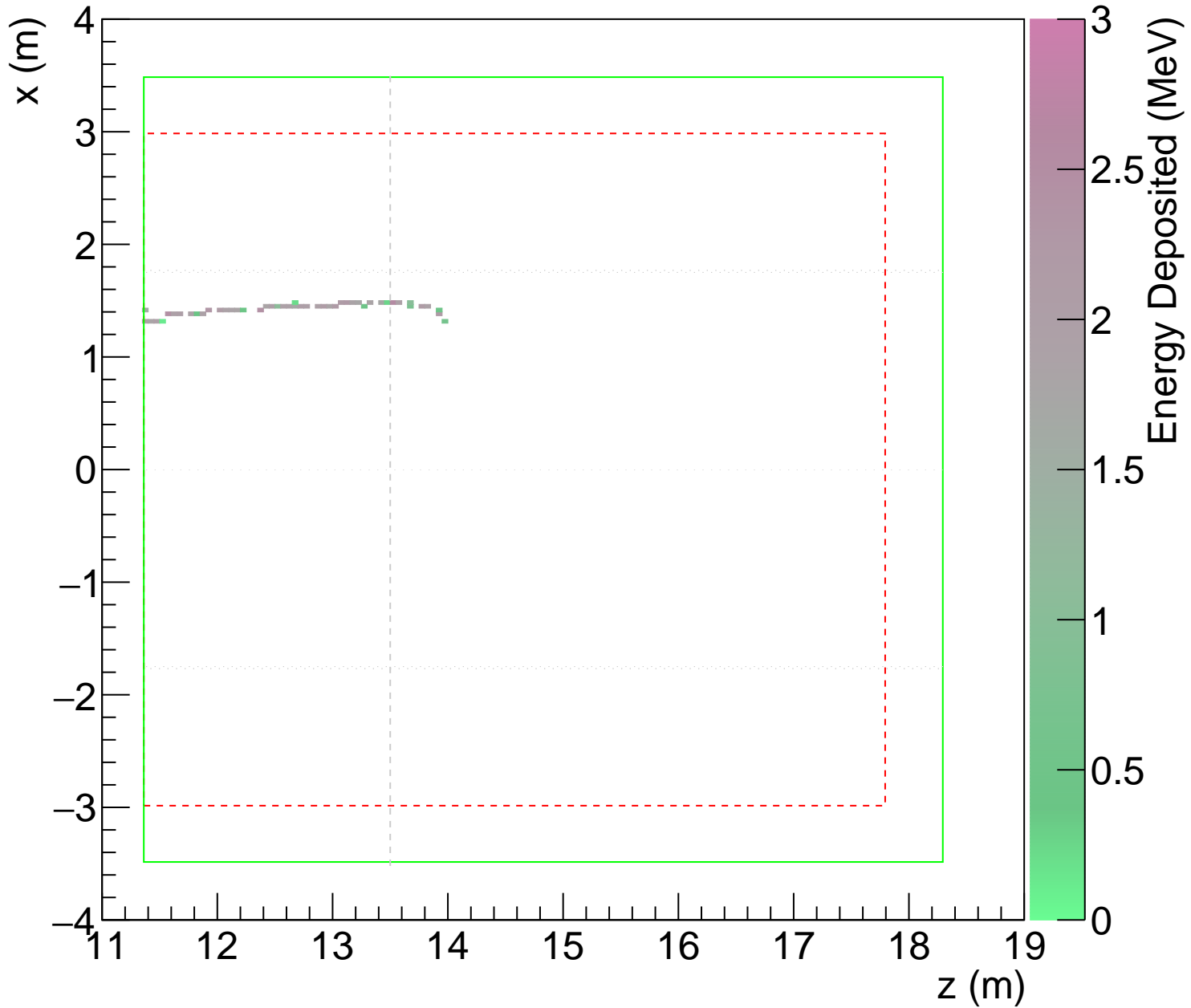


# Event 226 reconstructed

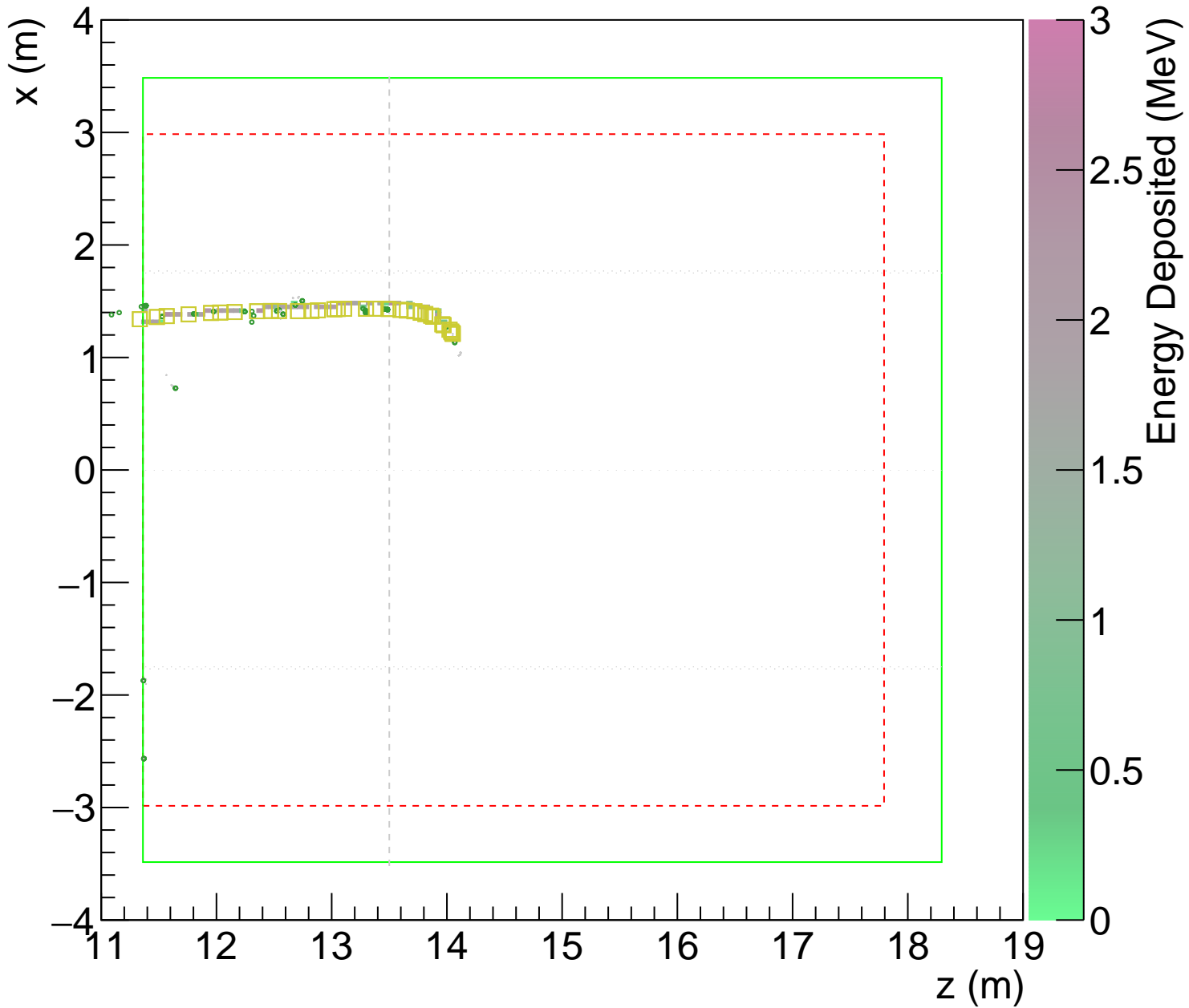
nLines: 1, nClusters: 1



Event 227, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.63$  GeV,  $E_{\mu}^{\text{true}}=1.88$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

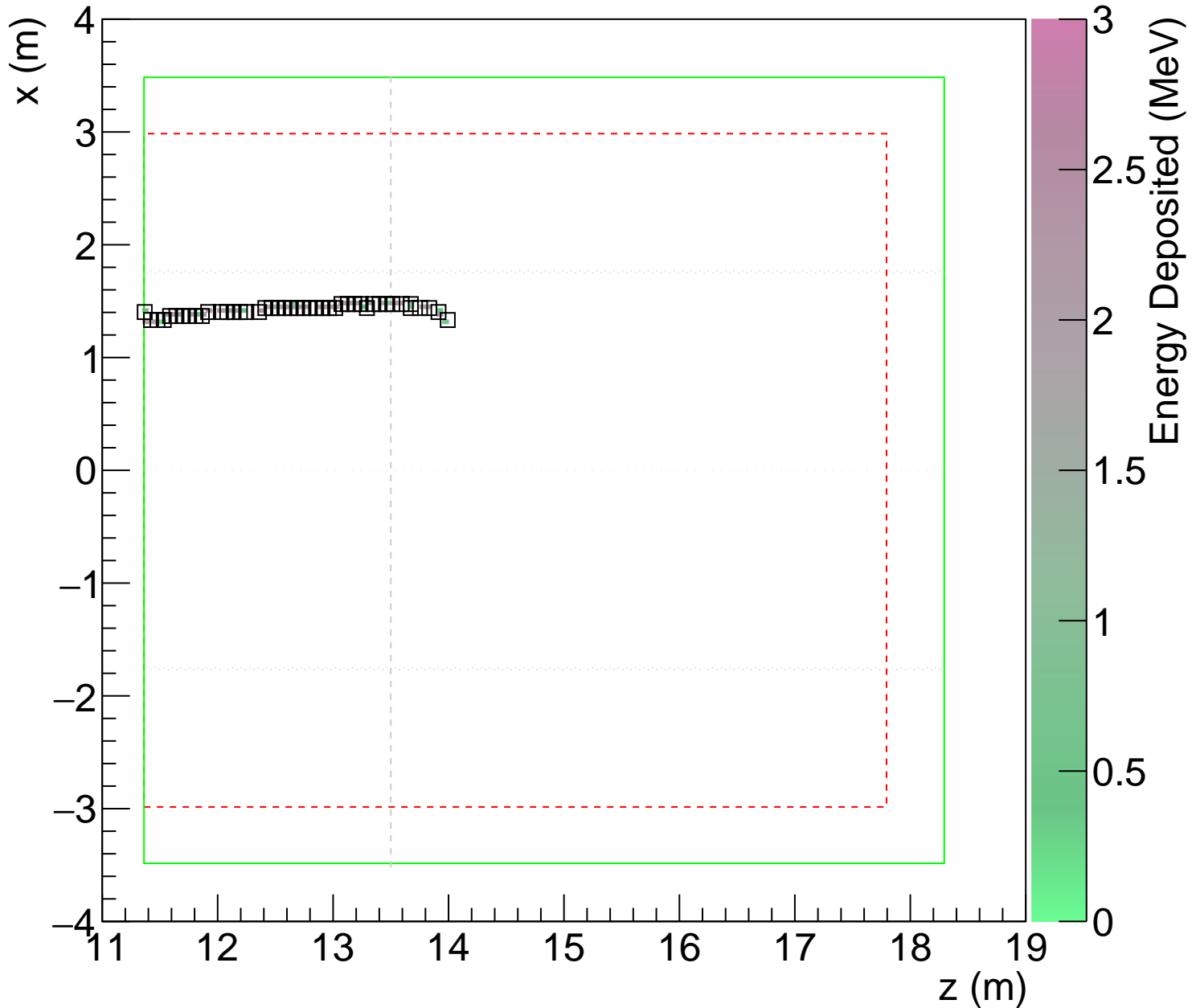


Event 227, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.63$  GeV,  $E_{\mu}^{\text{true}}=1.88$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



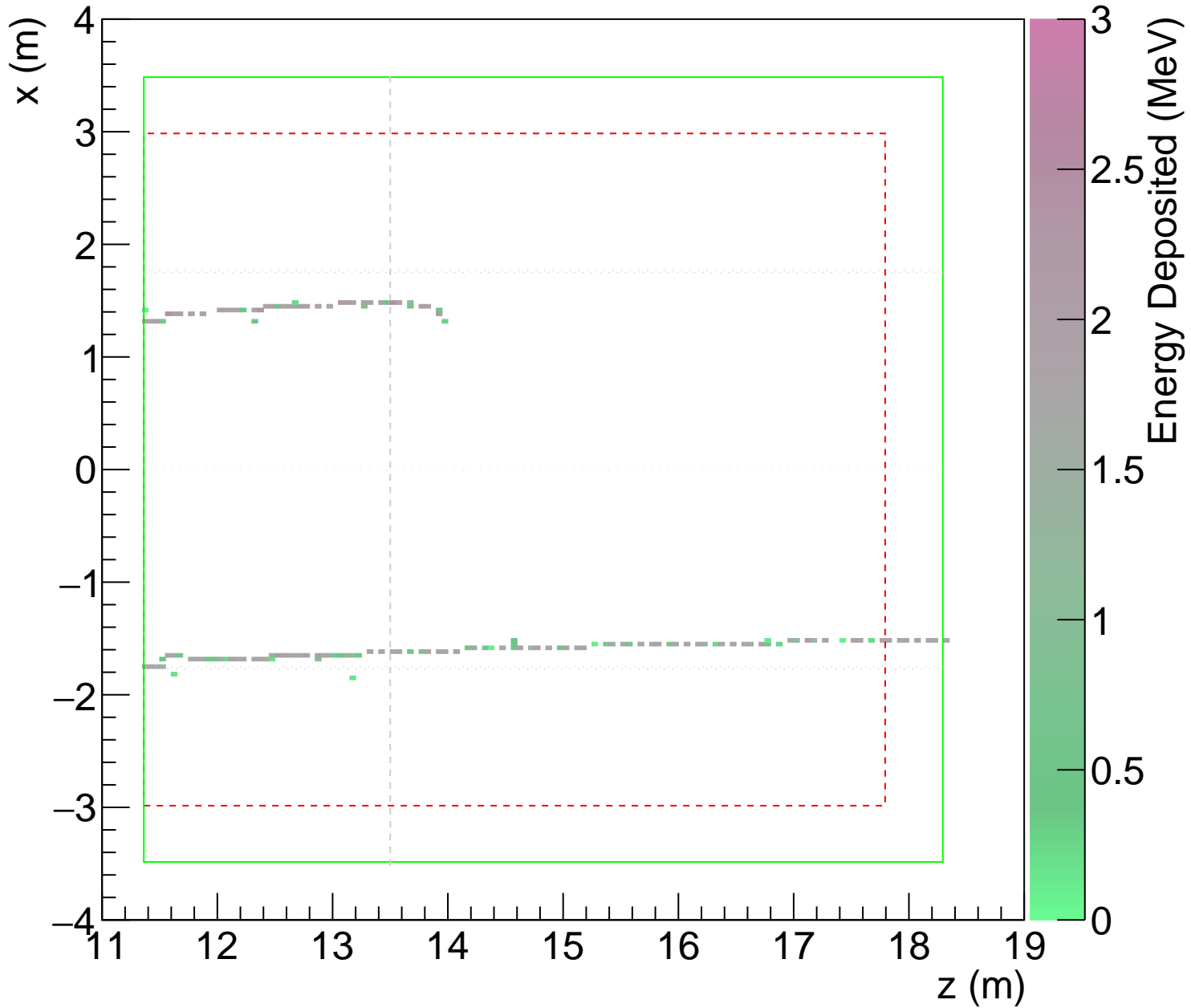
# Event 227 reconstructed

nLines: 1, nClusters: 0

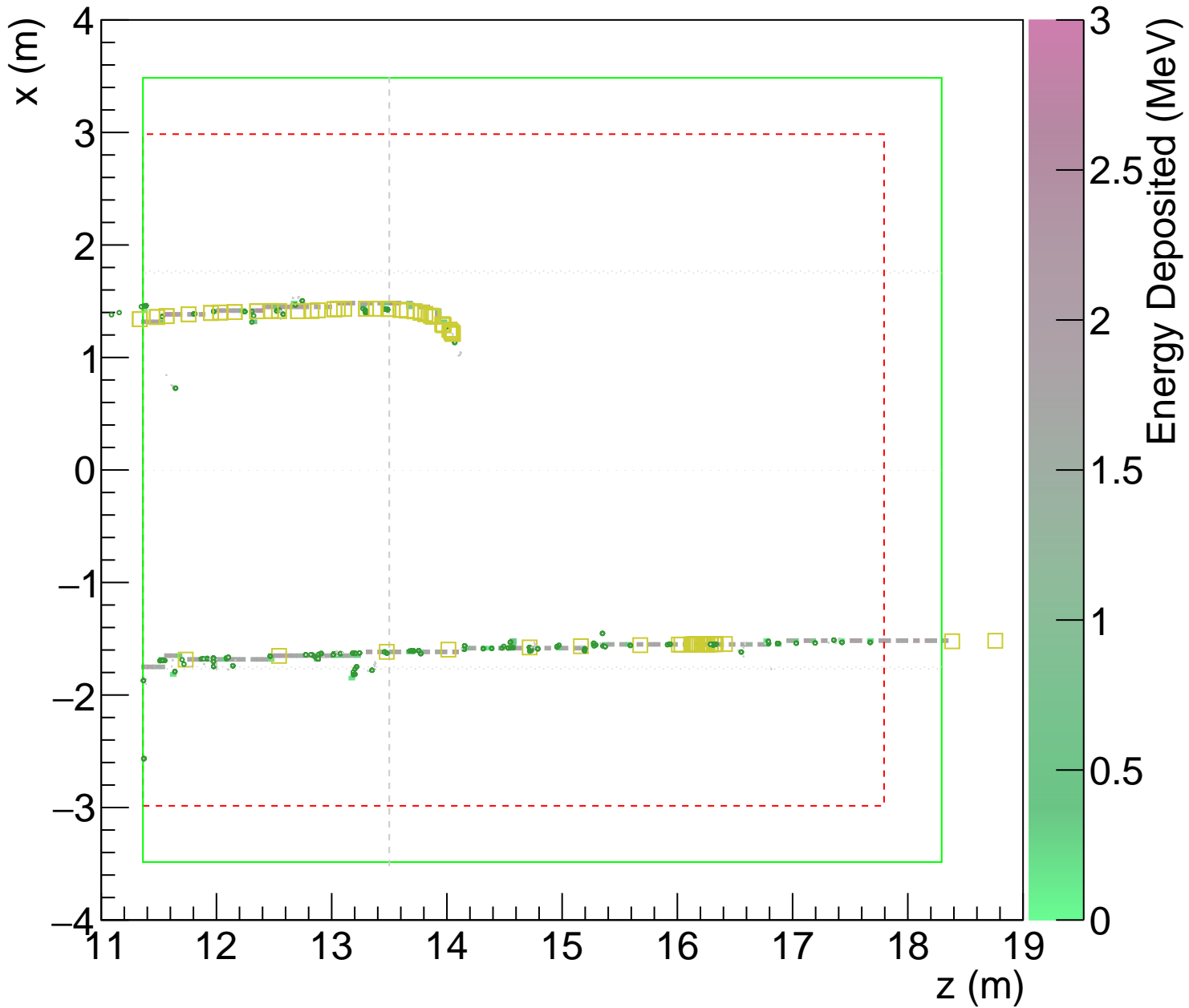




Event 228, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.36$  GeV,  $E_{\mu}^{\text{true}}=16.44$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

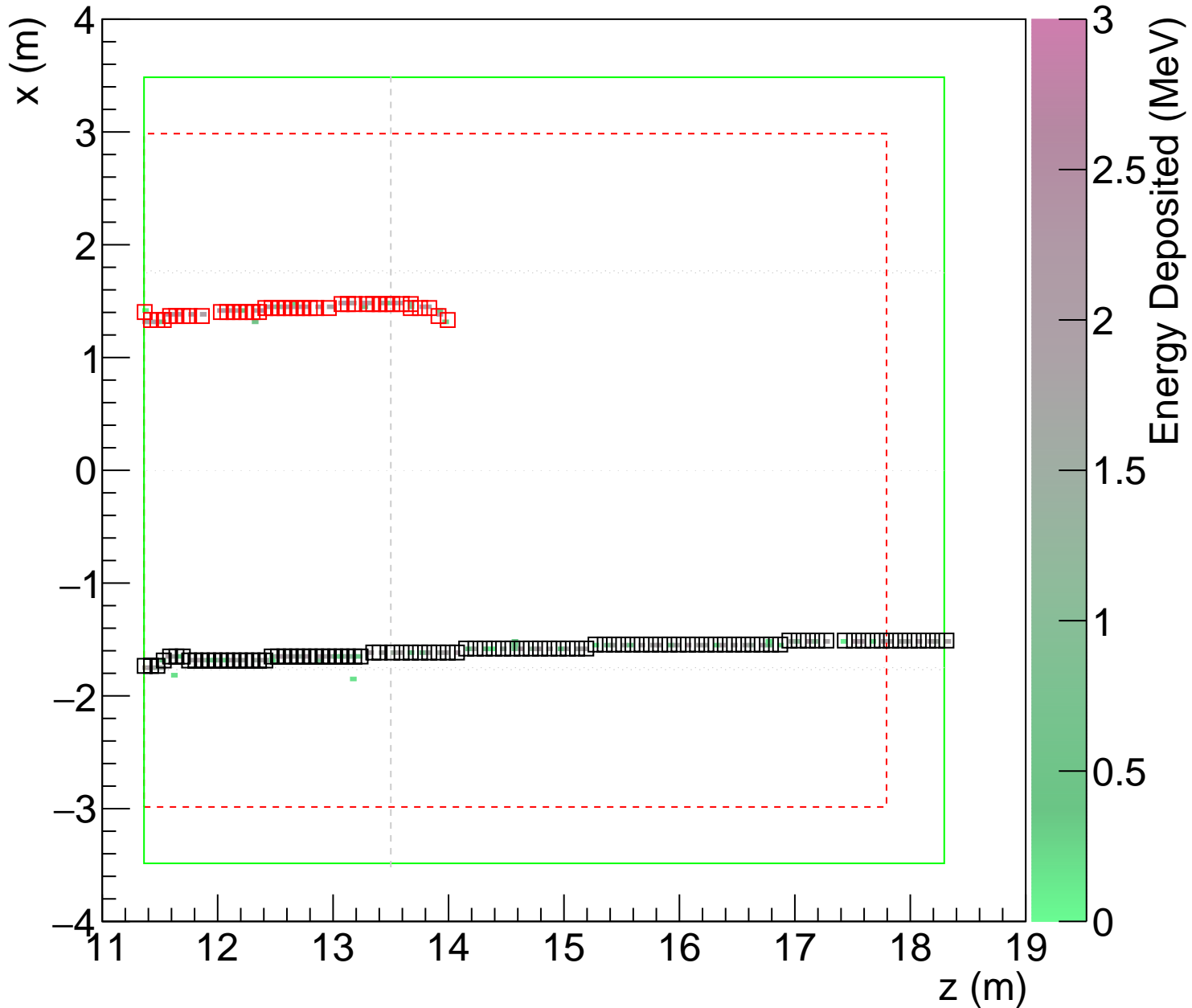


Event 228, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.36$  GeV,  $E_{\mu}^{\text{true}}=16.44$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(v),proc:Weak[CC],DIS,

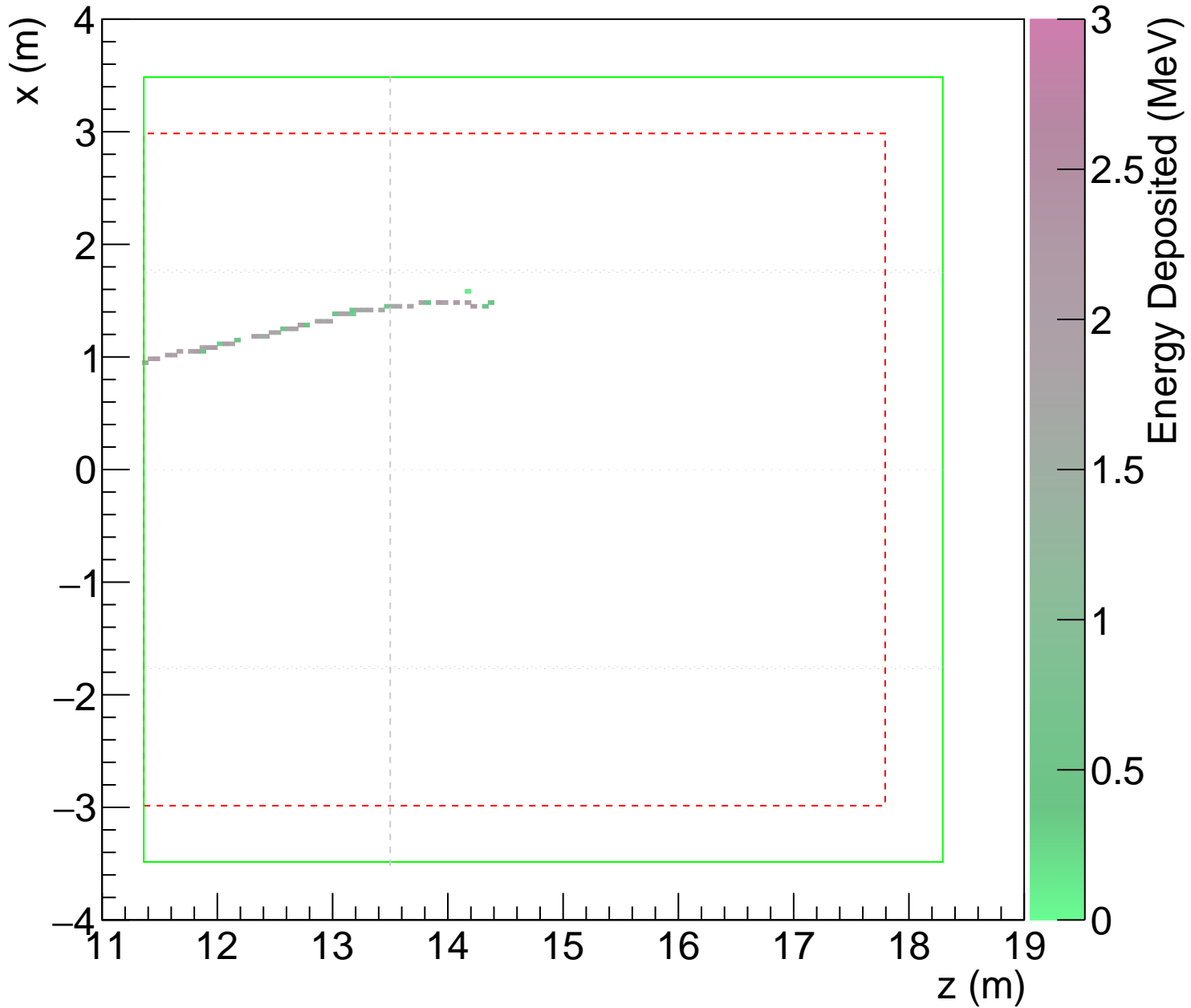


# Event 228 reconstructed

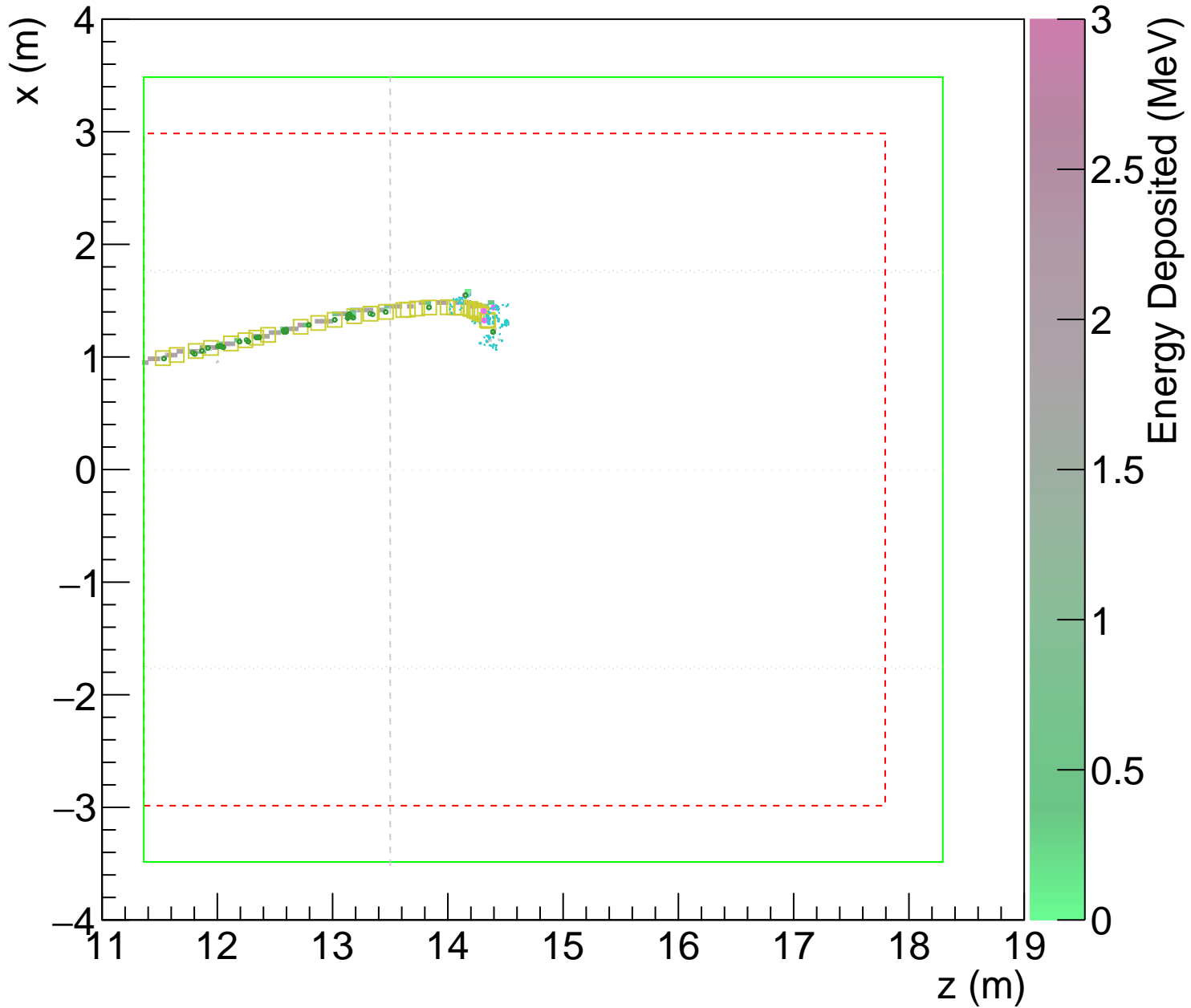
nLines: 2, nClusters: 0



Event 230, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.16$  GeV,  $E_{\mu}^{\text{true}}=1.94$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

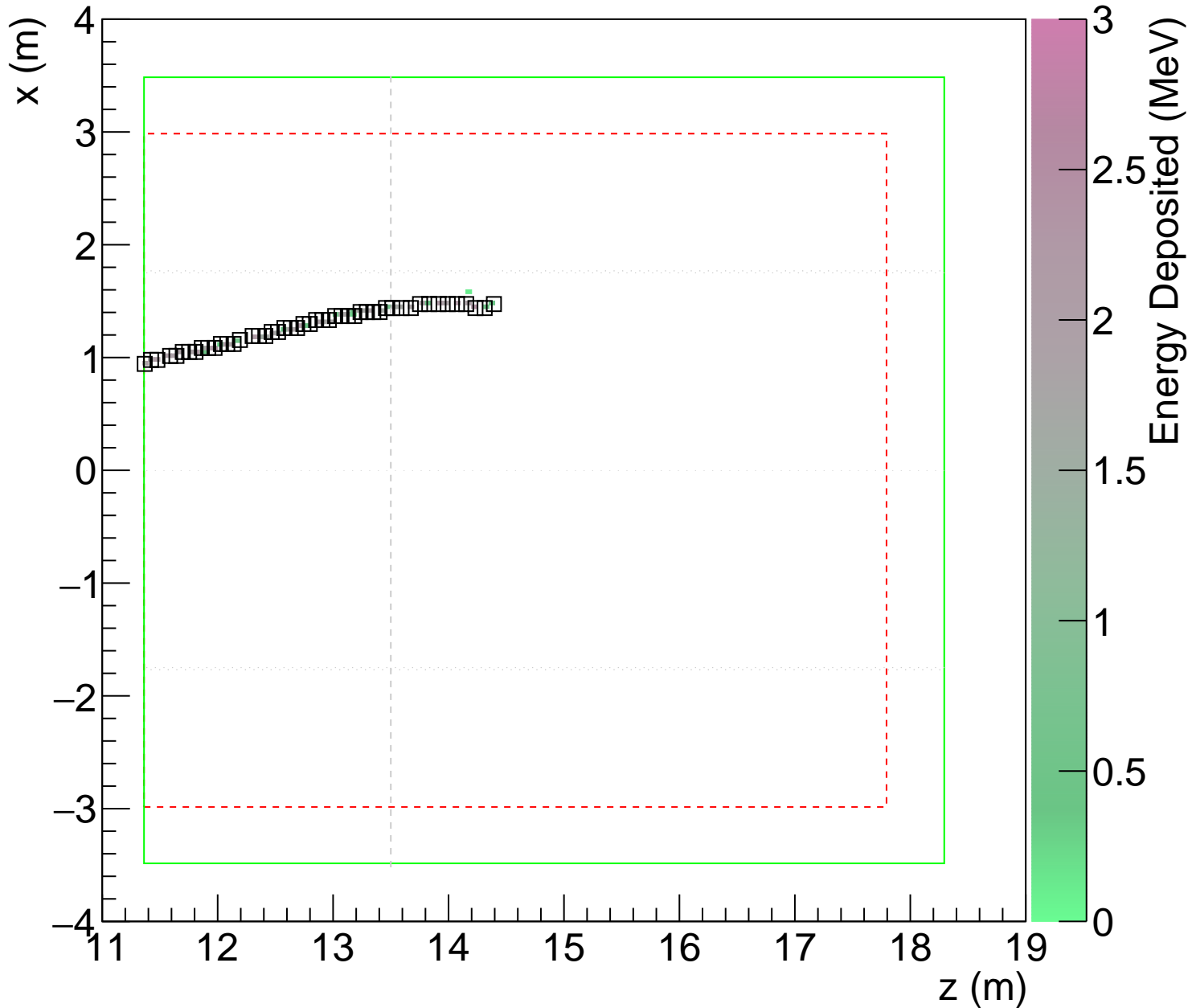


Event 230, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.16$  GeV,  $E_{\mu}^{\text{true}}=1.94$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

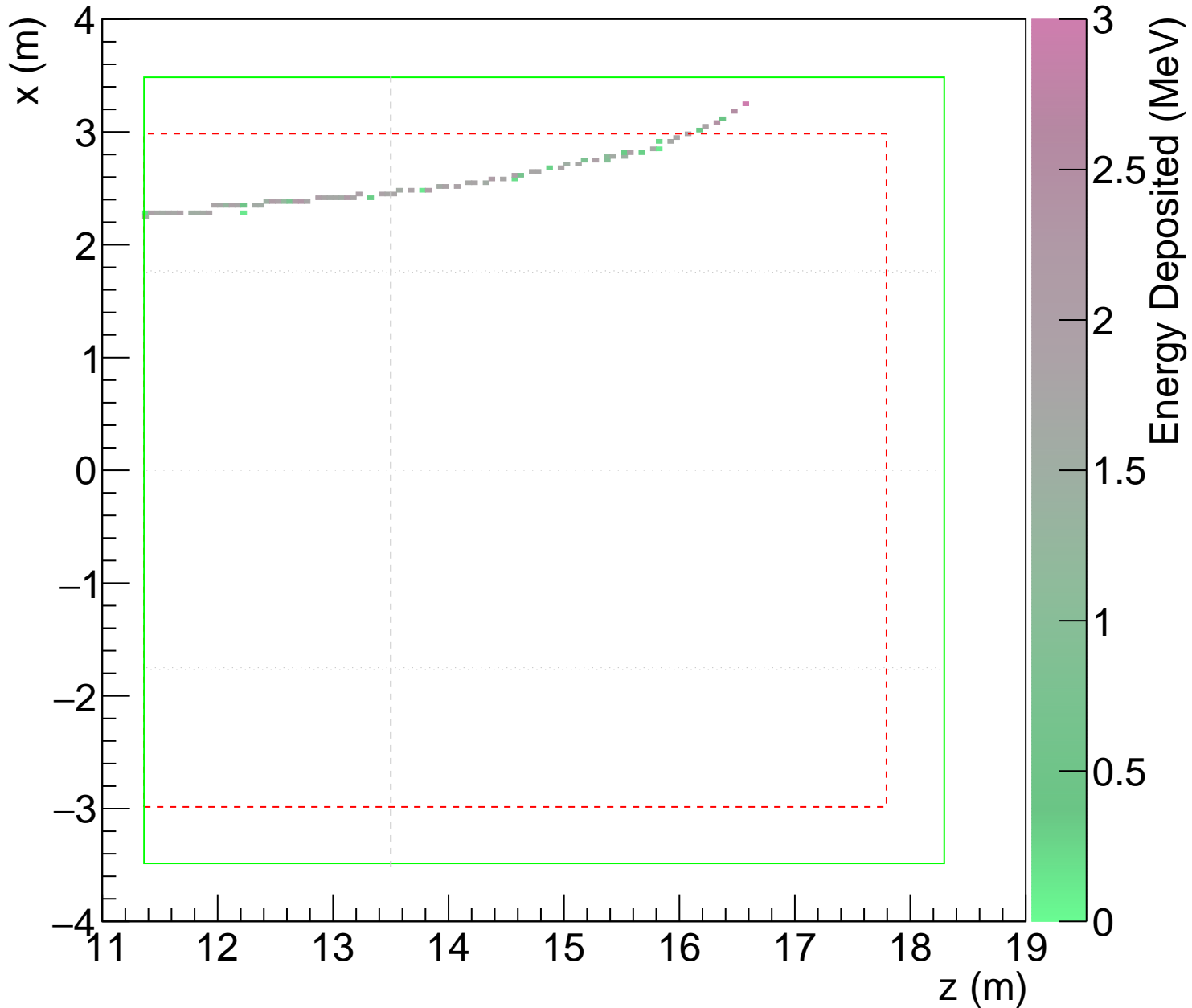


# Event 230 reconstructed

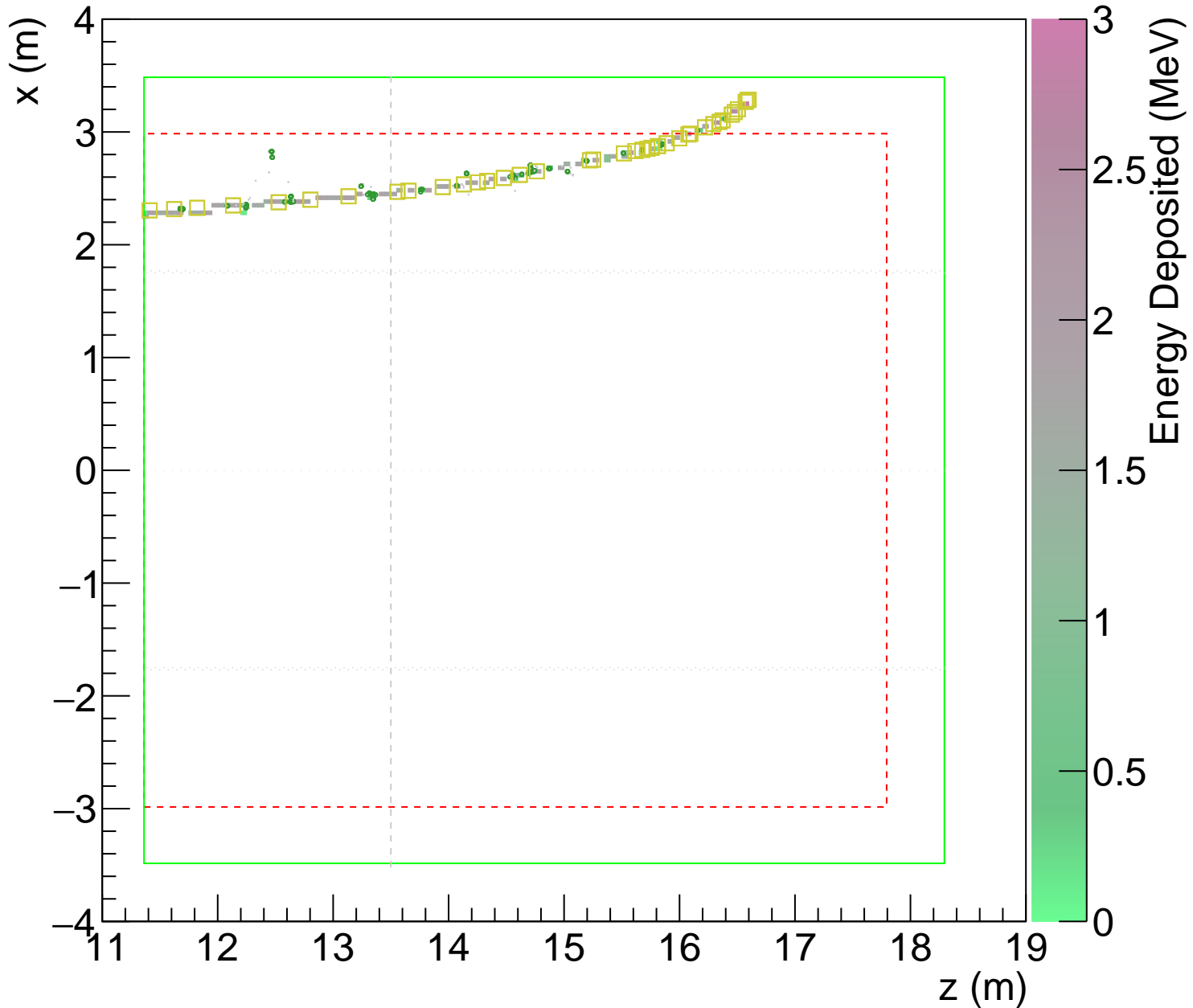
nLines: 1, nClusters: 0



Event 231, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.91$  GeV,  $E_{\mu}^{\text{true}}=3.86$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



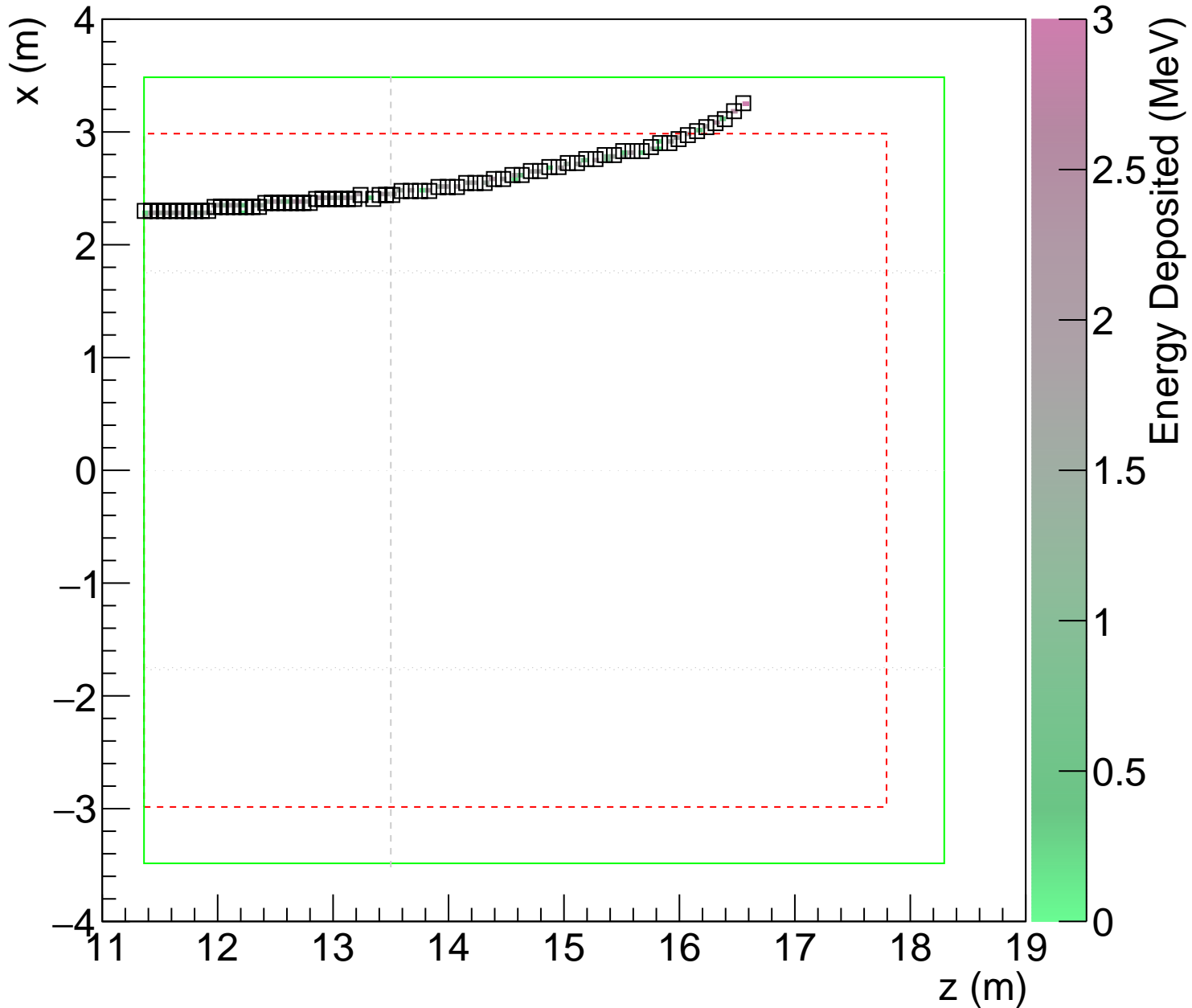
Event 231, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.91$  GeV,  $E_{\mu}^{\text{true}}=3.86$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



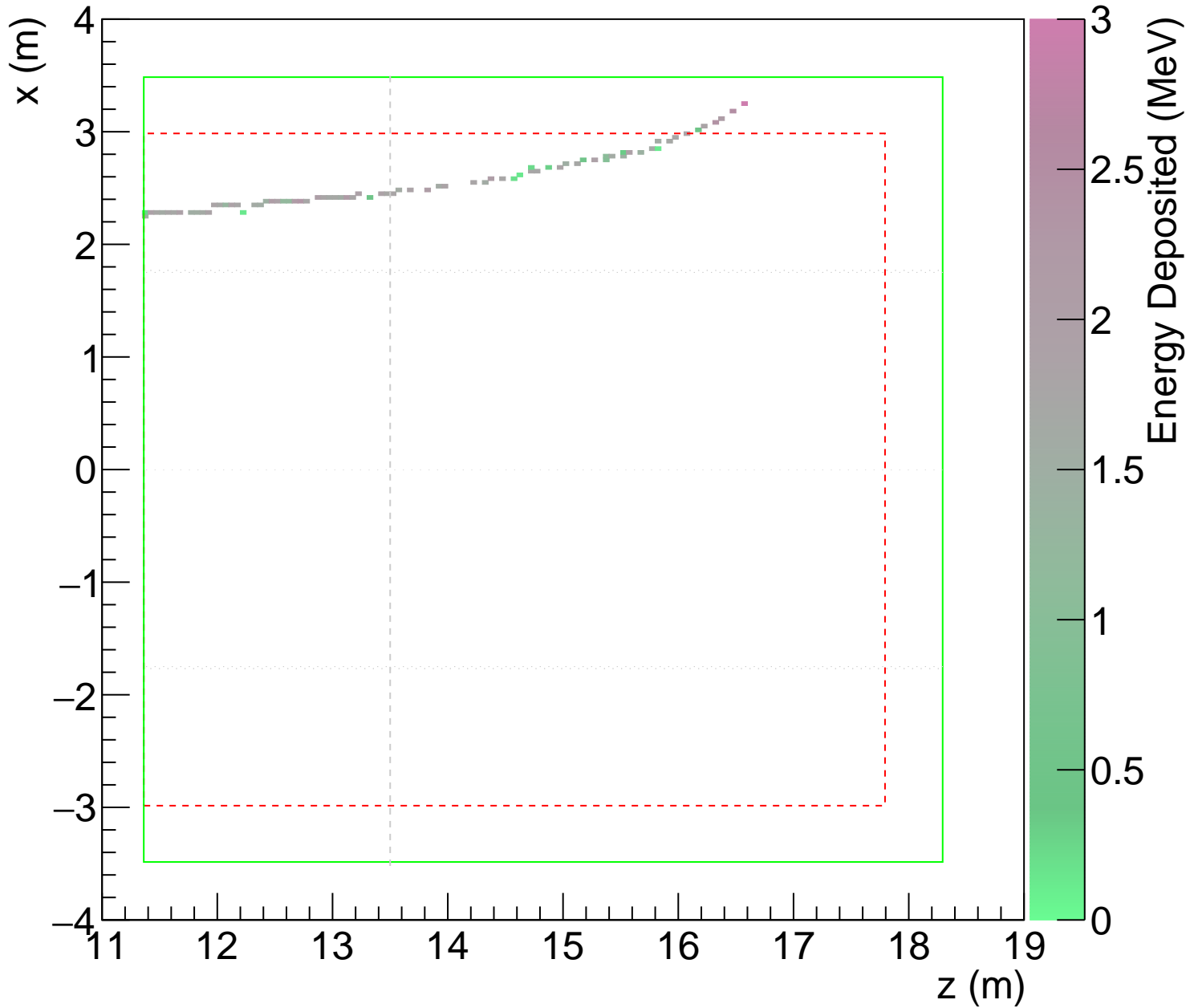


# Event 231 reconstructed

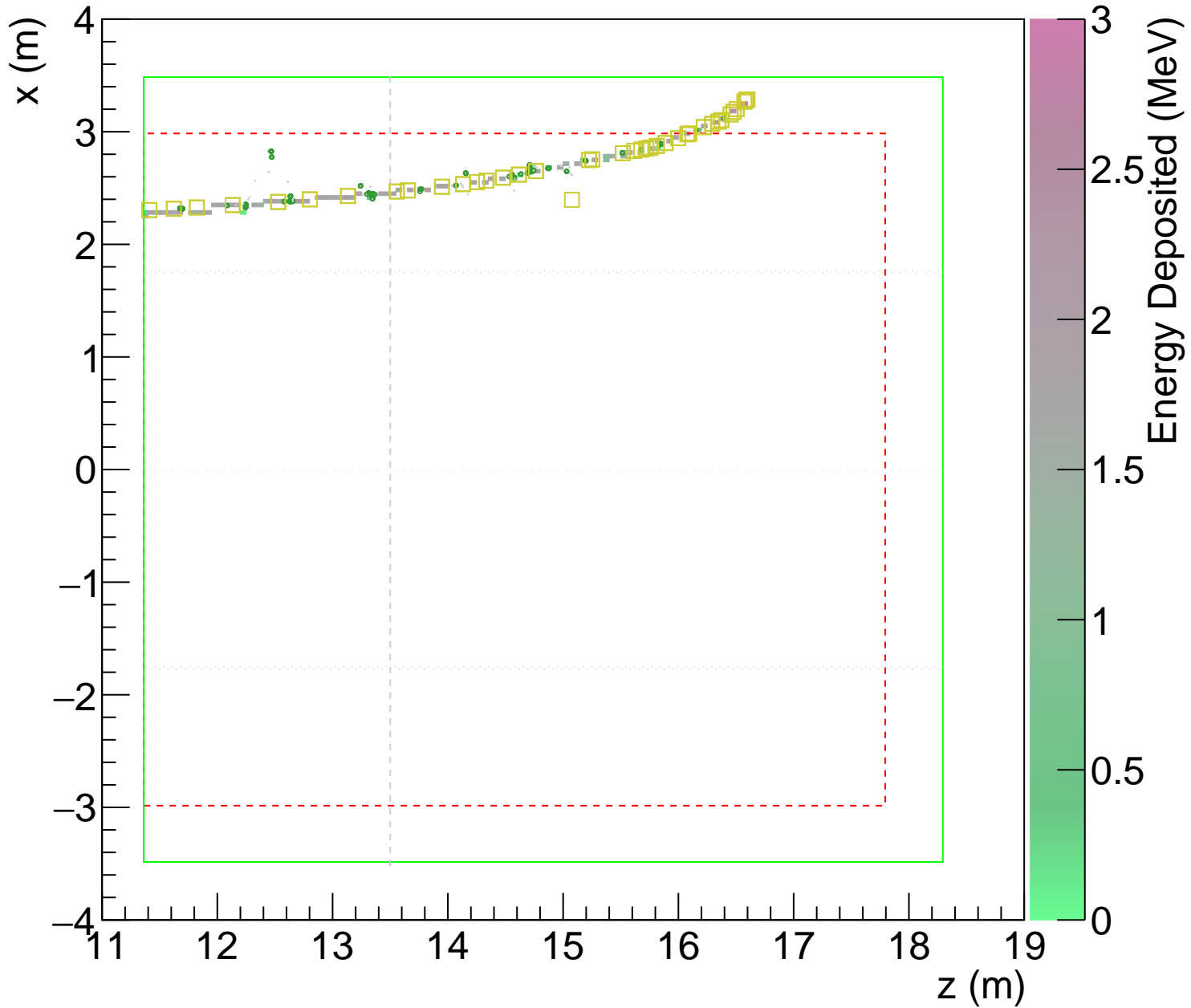
nLines: 1, nClusters: 0



Event 232, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=3.86$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:2,

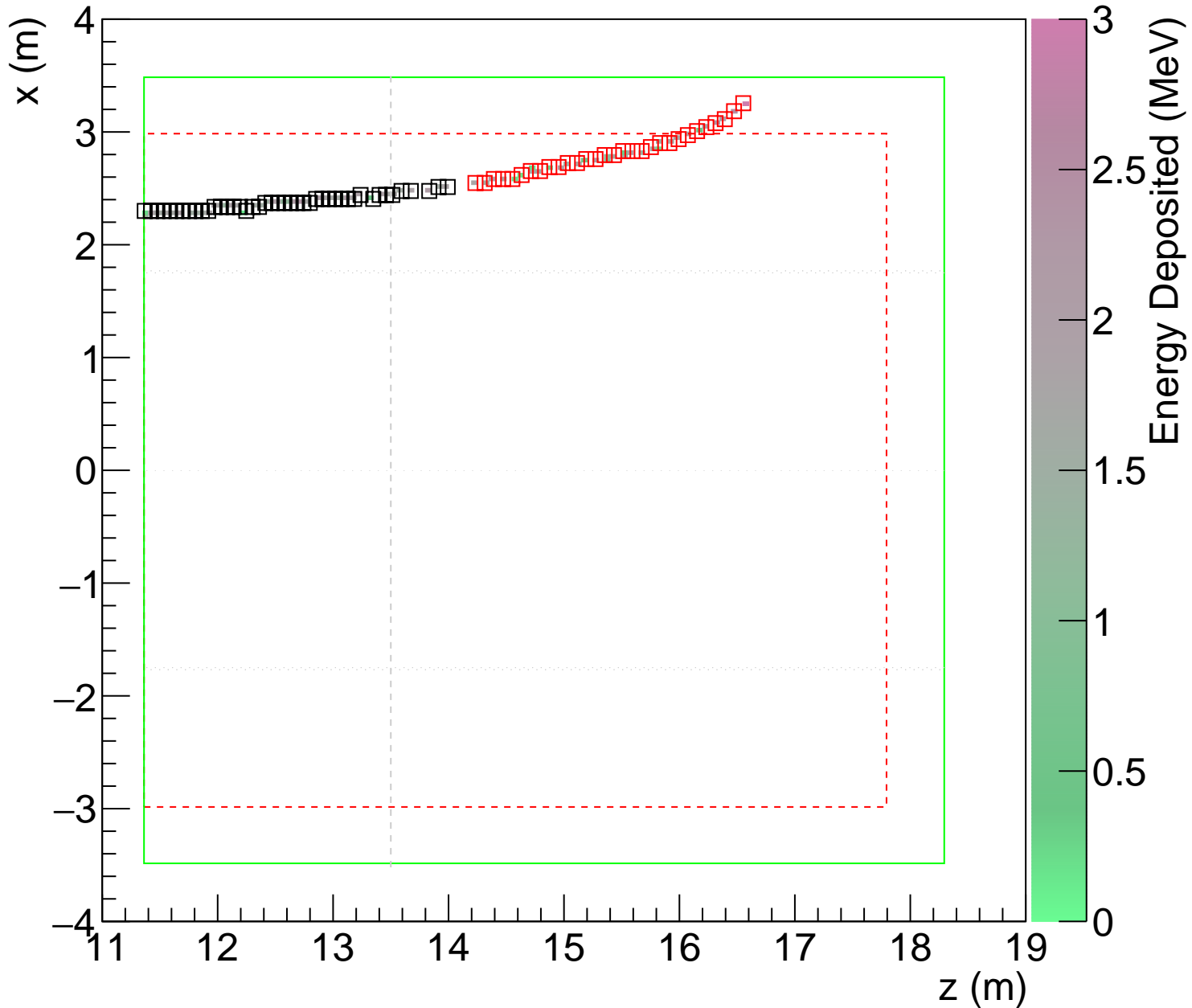


Event 232, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=3.86$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:2,

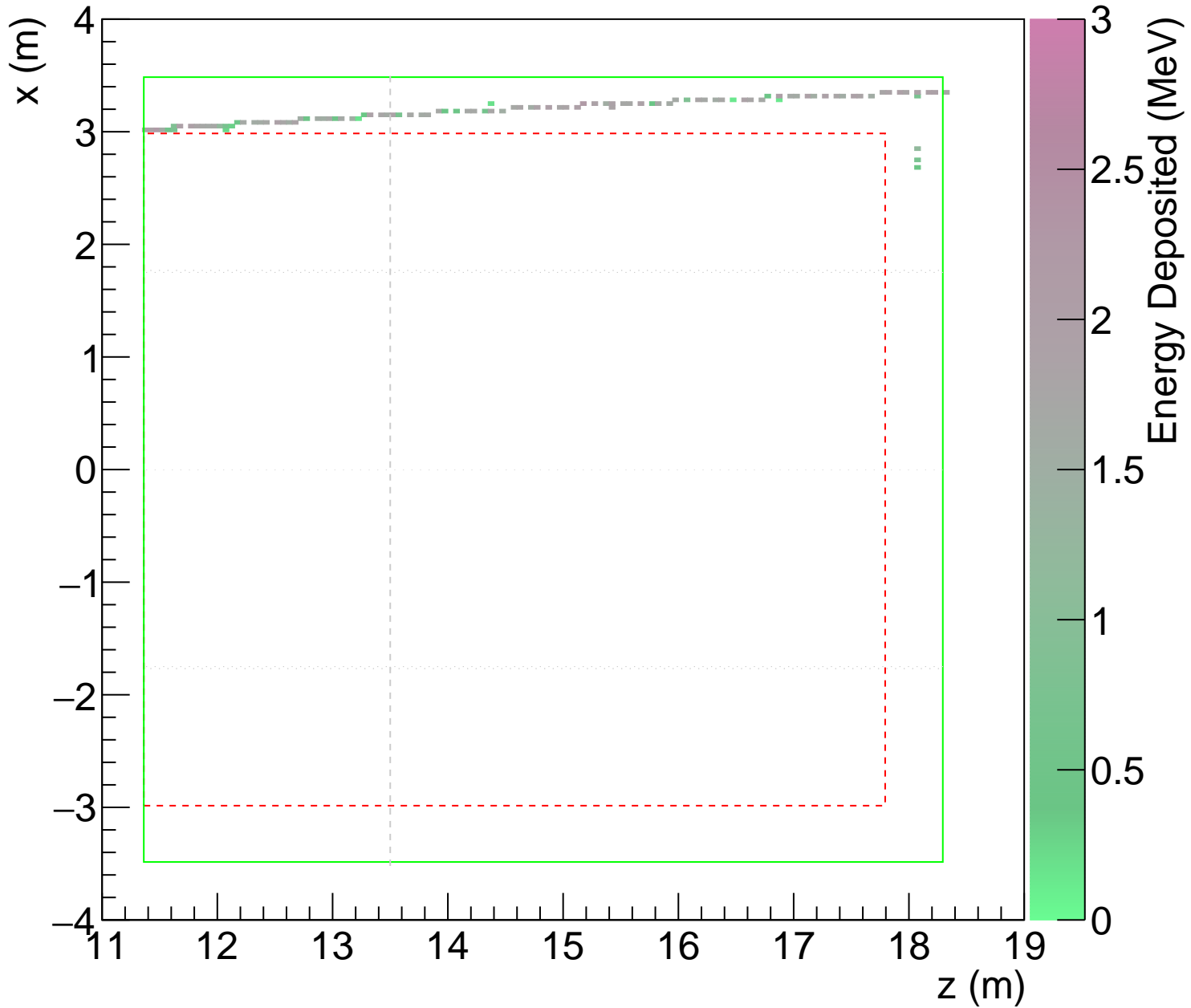


# Event 232 reconstructed

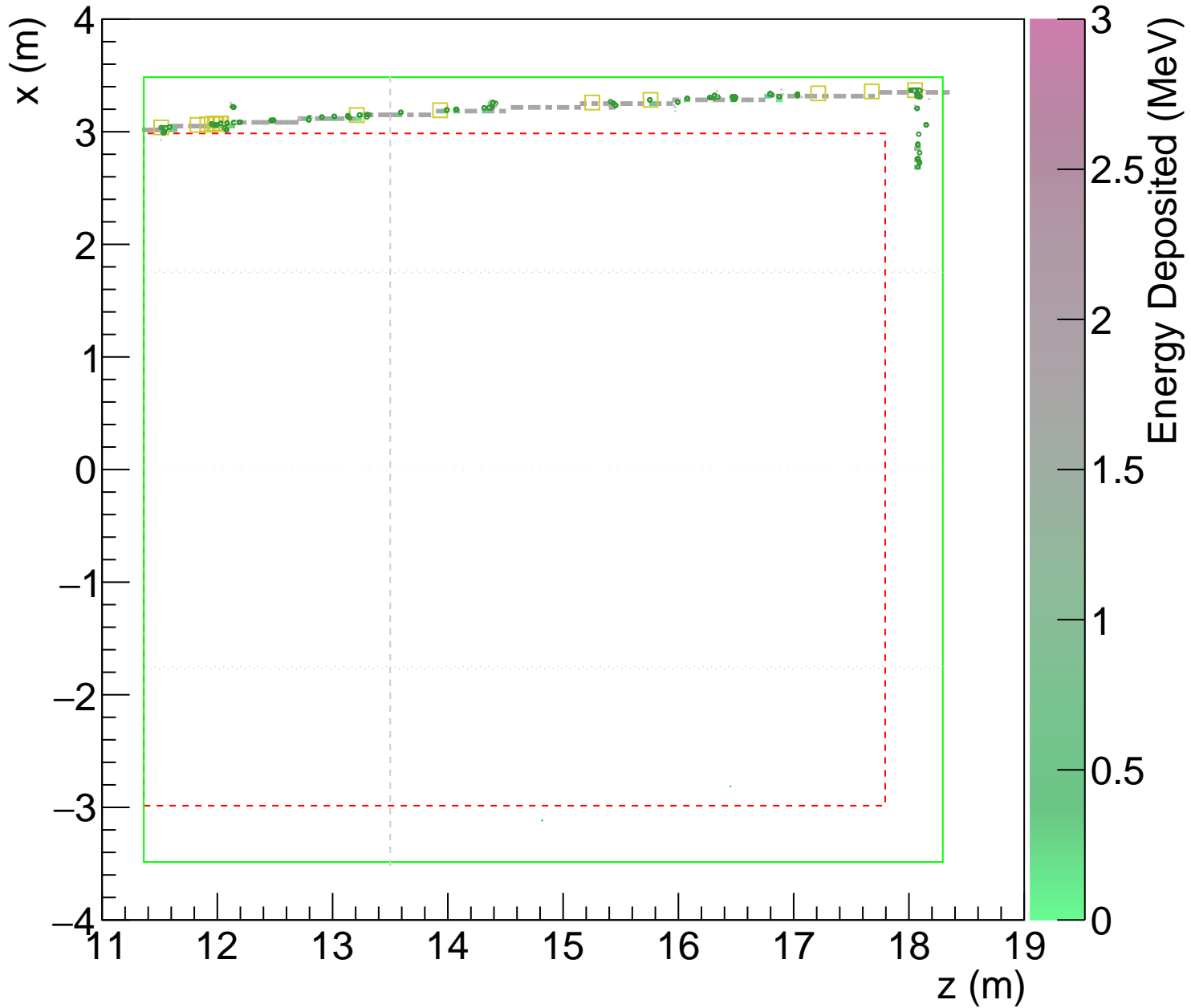
nLines: 2, nClusters: 0



Event 233, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=22.92$  GeV,  $E_{\mu}^{\text{true}}=14.30$  GeV  
nu:-14,tgt:1000180400,N:2112,q:2( $\nu$ ),proc:Weak[CC],DIS,

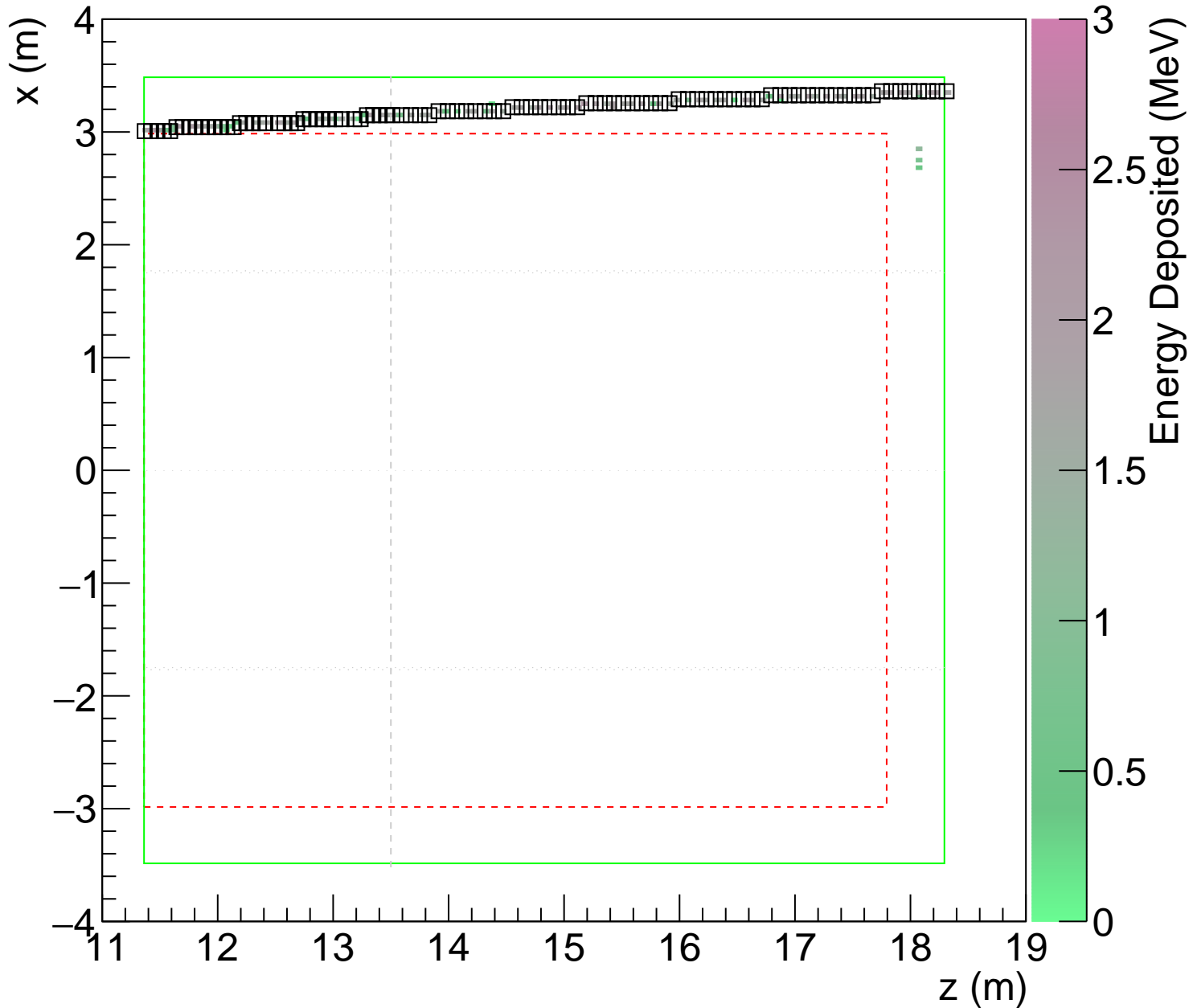


Event 233, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=22.92$  GeV,  $E_{\mu}^{\text{true}}=14.30$  GeV  
nu:-14,tgt:1000180400,N:2112,q:2(v),proc:Weak[CC],DIS,

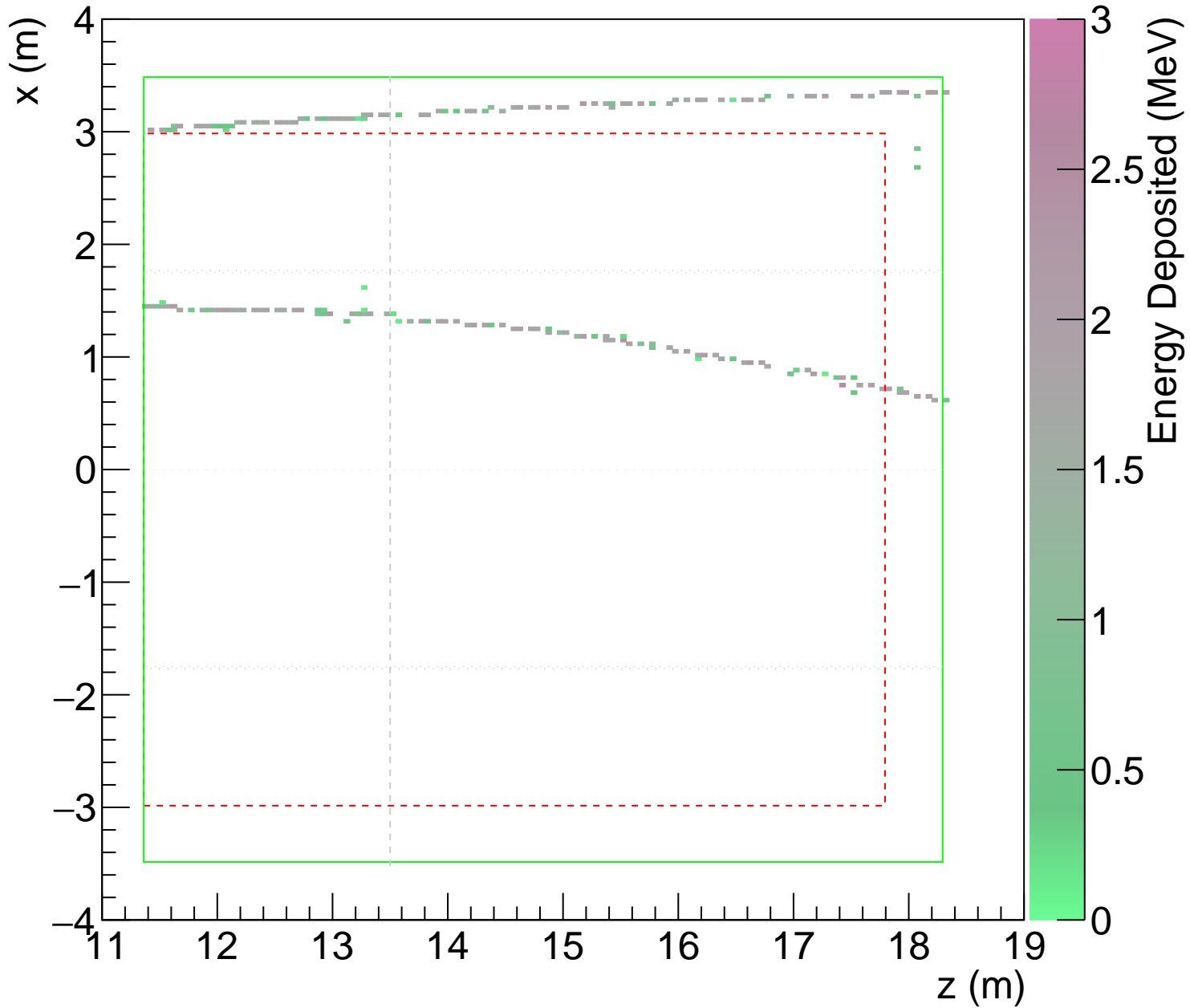


# Event 233 reconstructed

nLines: 1, nClusters: 0

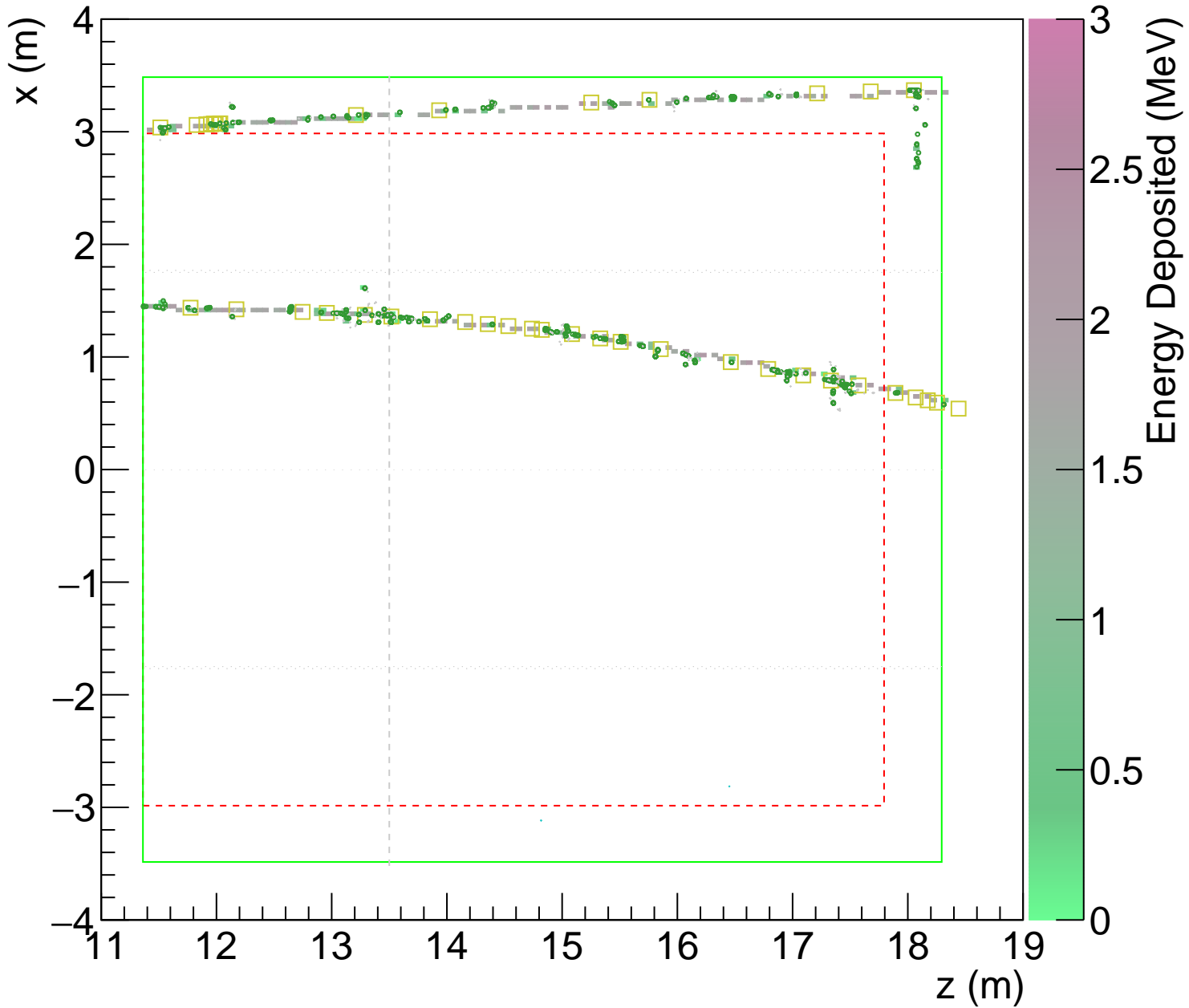


Event 234, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.56$  GeV,  $E_{\mu}^{\text{true}}=14.30$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



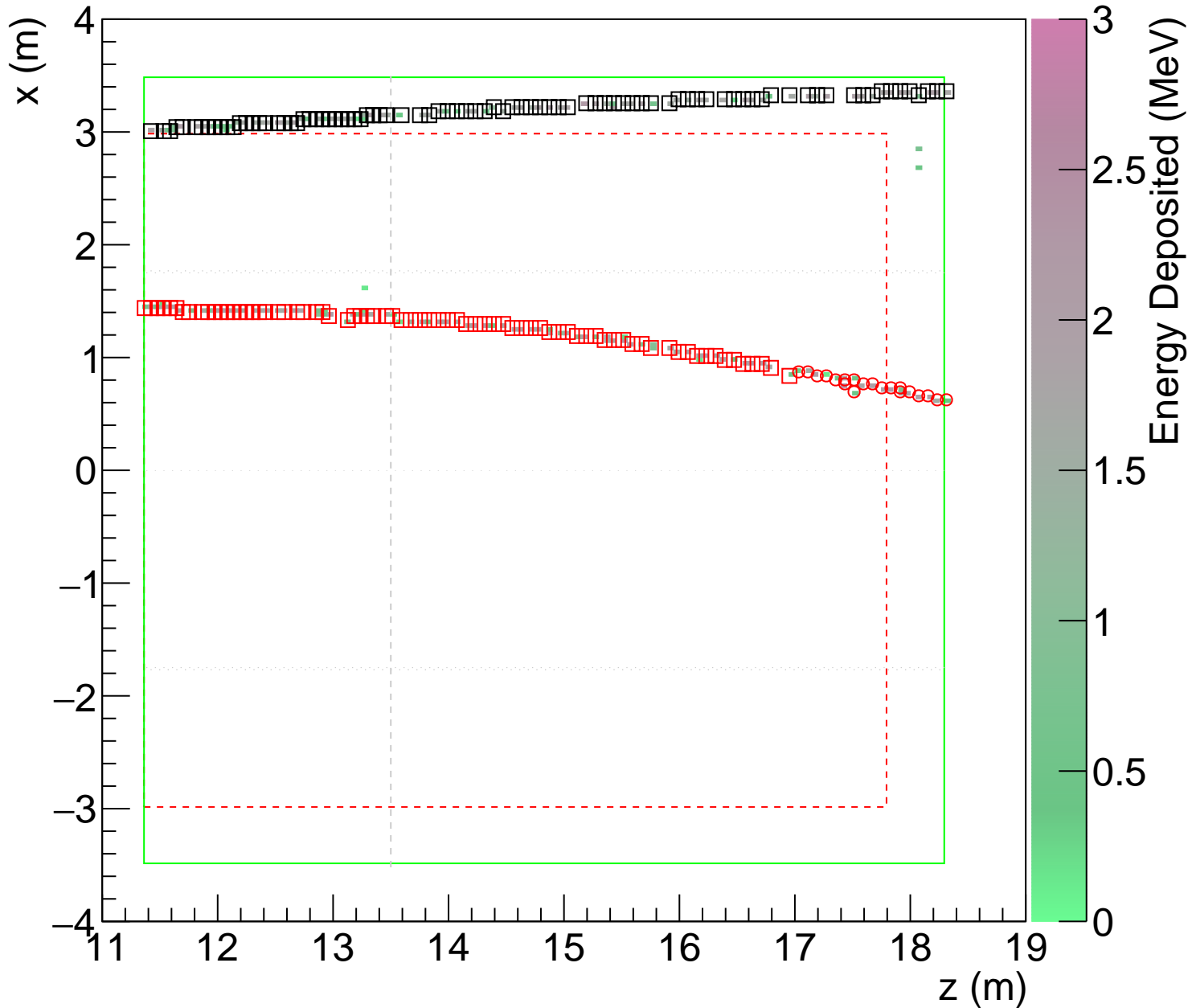


Event 234, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=18.56$  GeV,  $E_{\mu}^{\text{true}}=14.30$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(v),proc:Weak[CC],DIS,

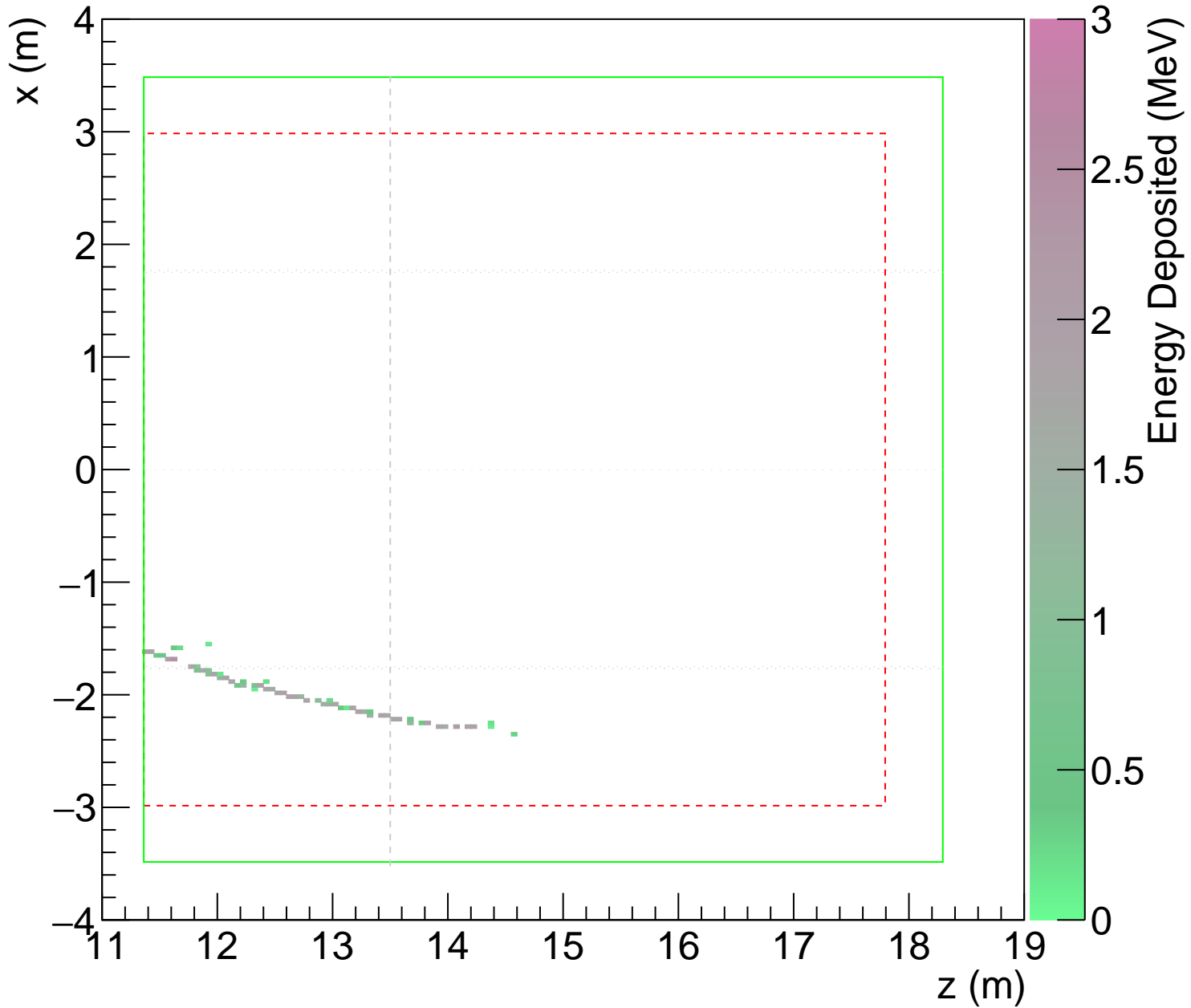


# Event 234 reconstructed

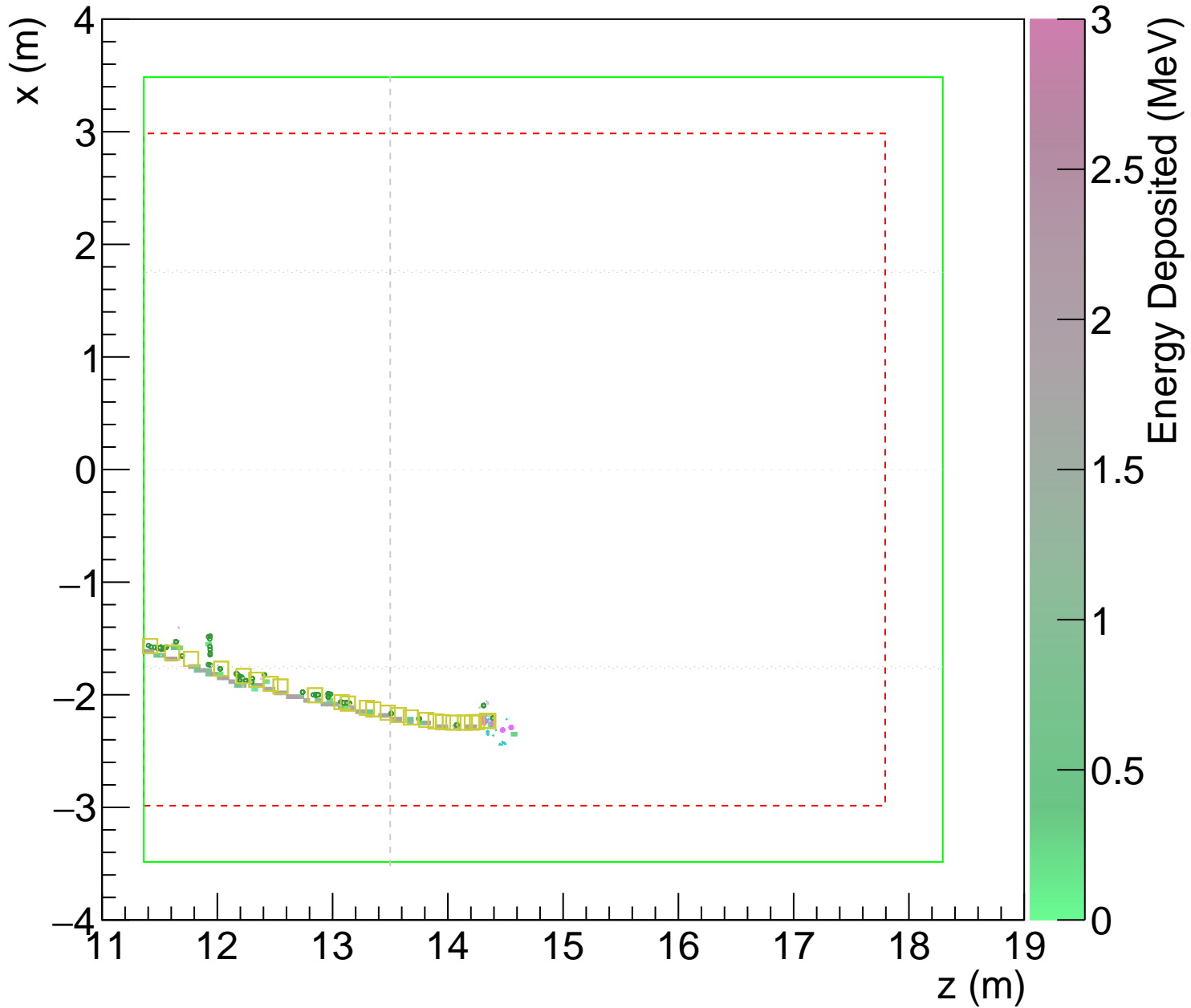
nLines: 2, nClusters: 1



Event 236, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.01$  GeV,  $E_{\mu}^{\text{true}}=1.69$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

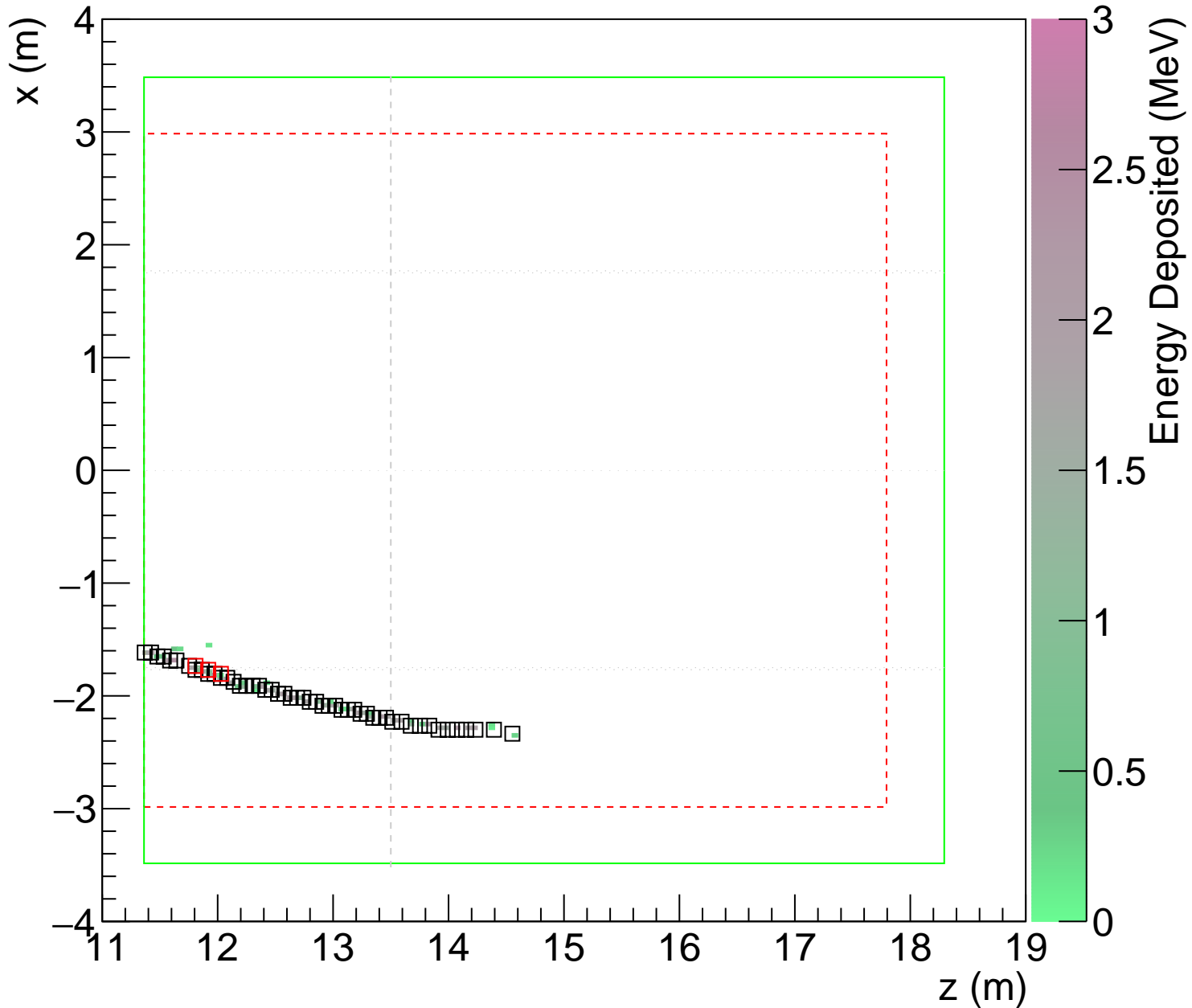


Event 236, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.01$  GeV,  $E_{\mu}^{\text{true}}=1.69$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

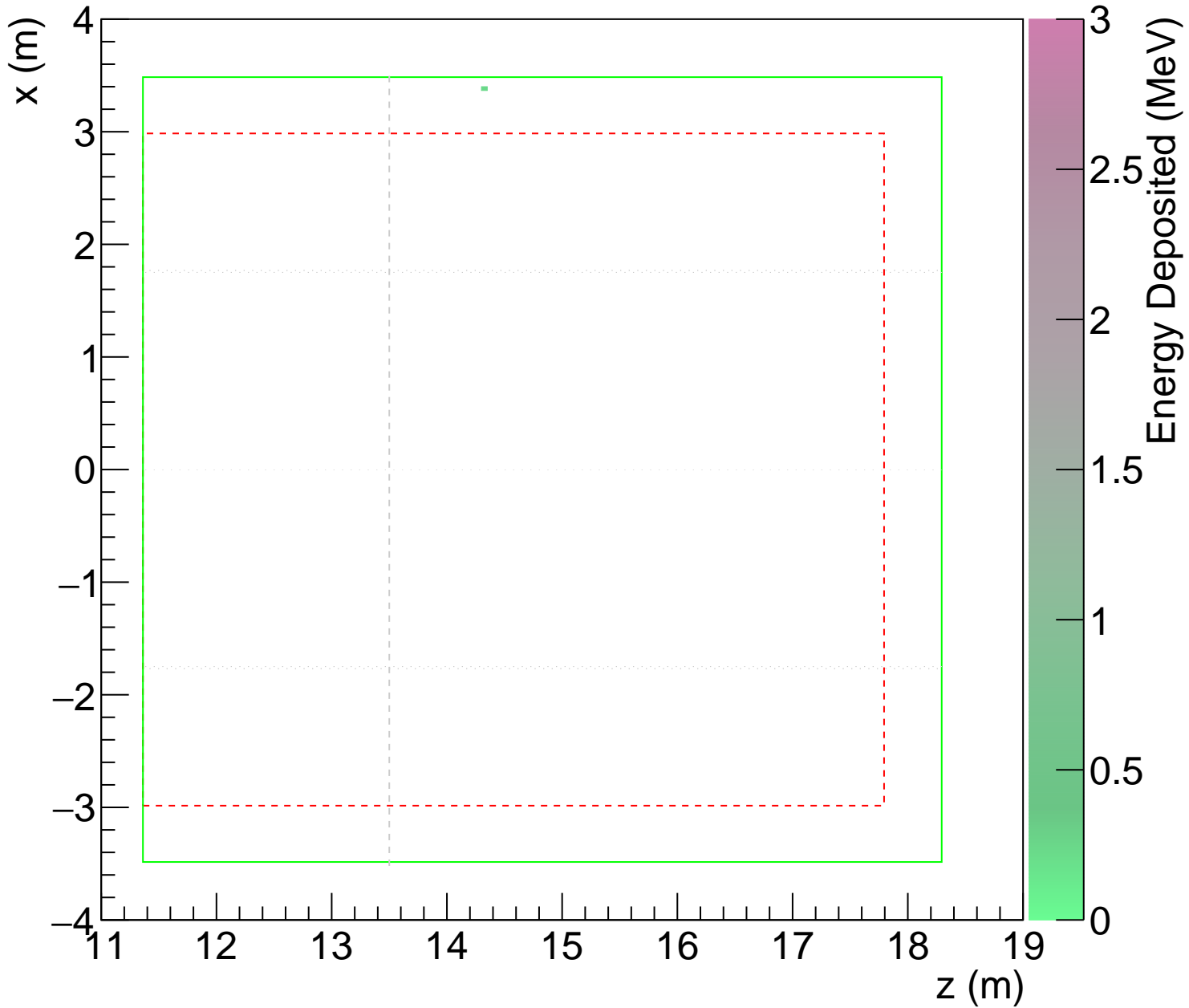


# Event 236 reconstructed

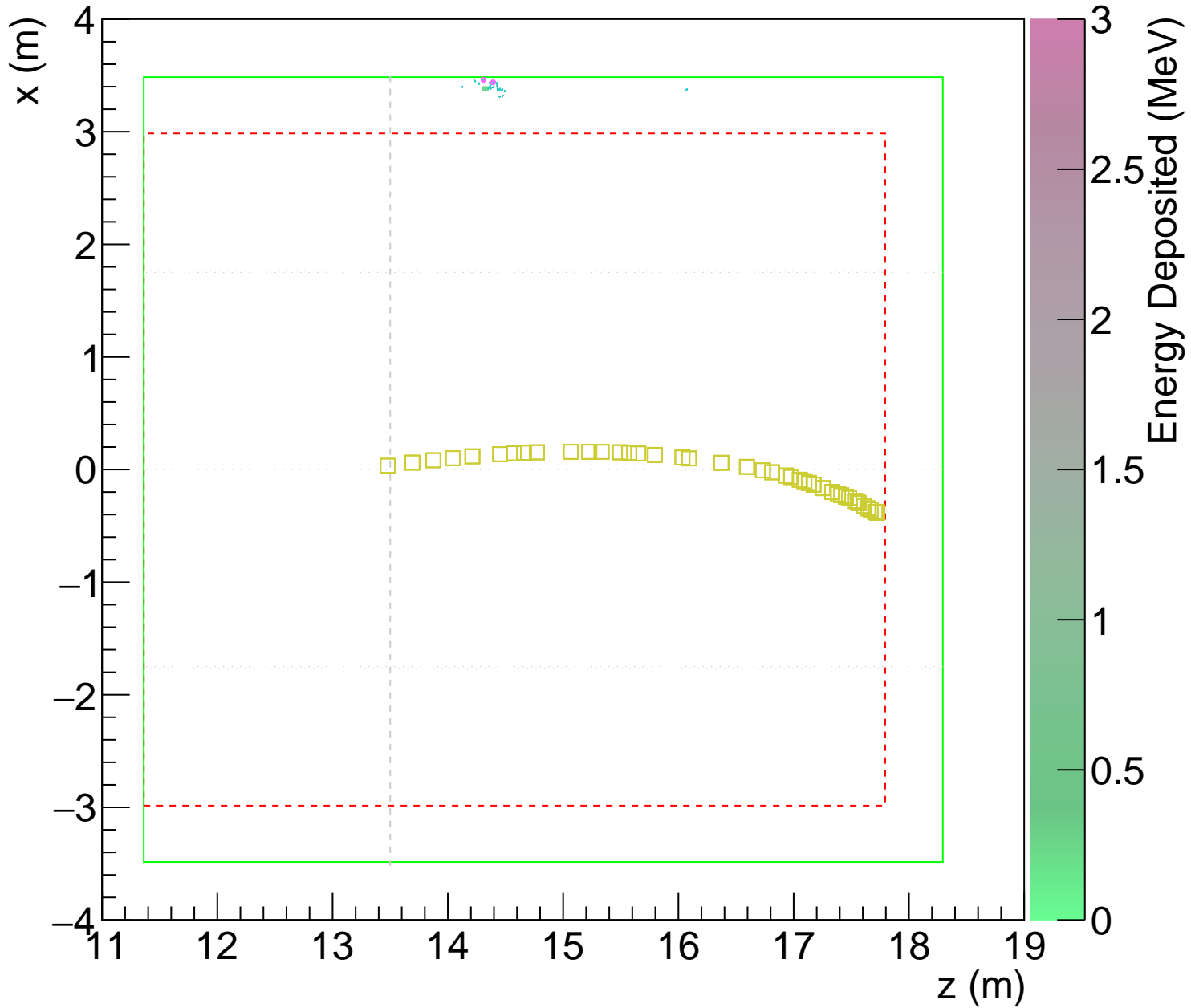
nLines: 2, nClusters: 0



Event 238, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=35.97$  GeV,  $E_{\mu}^{\text{true}}=4.06$  GeV  
nu:-14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,

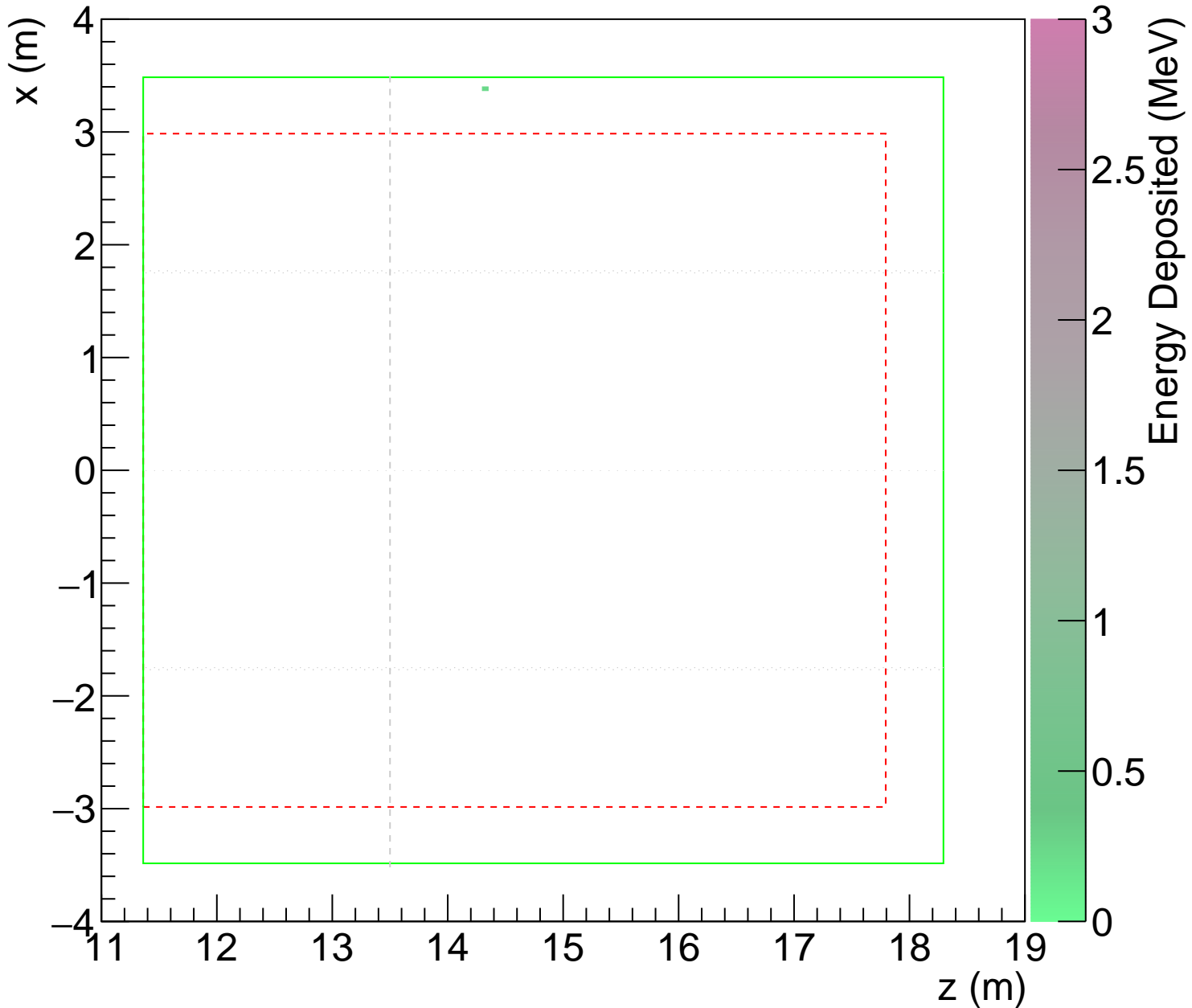


Event 238, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=35.97$  GeV,  $E_{\mu}^{\text{true}}=4.06$  GeV  
nu:-14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,



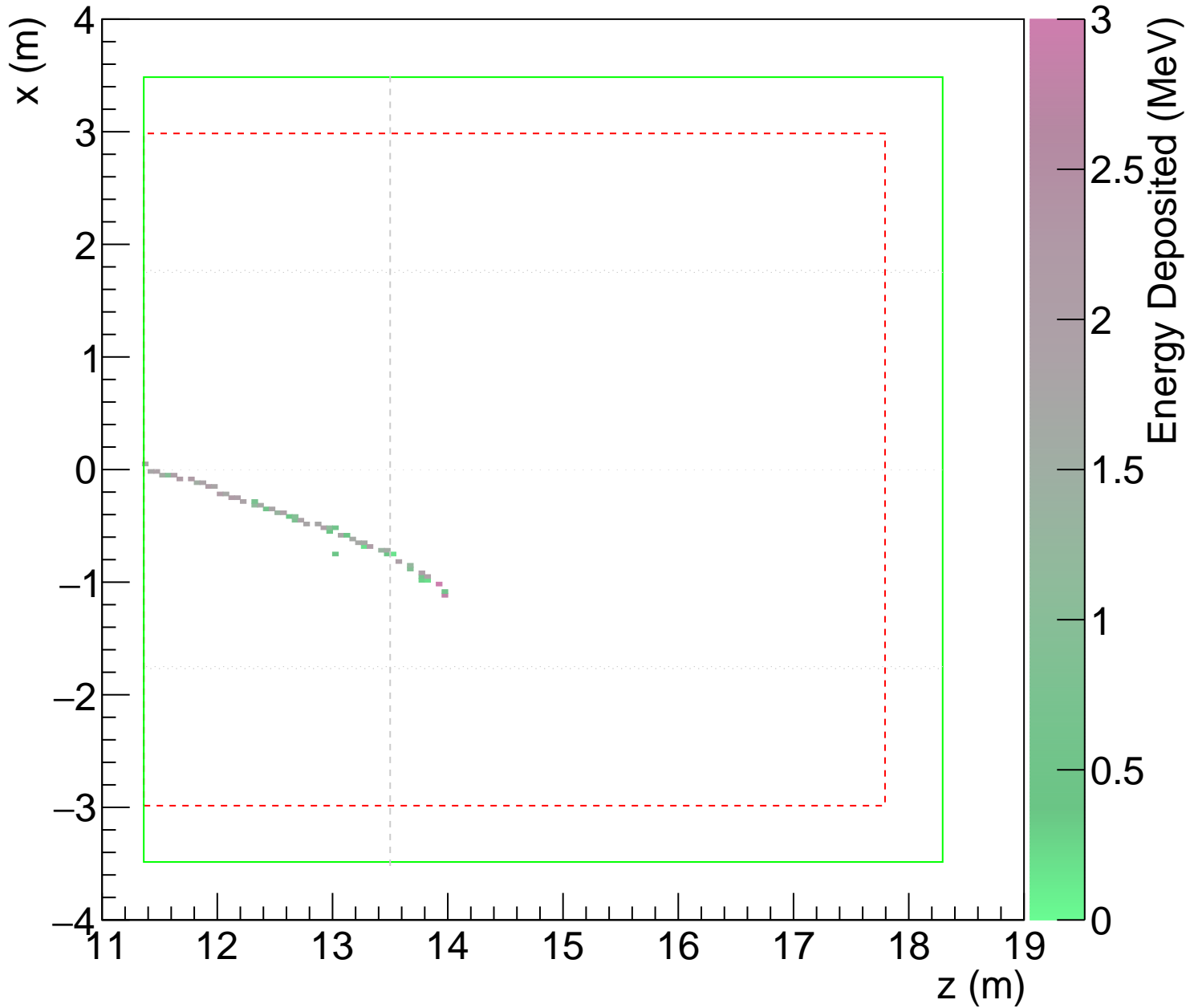
# Event 238 reconstructed

nLines: 0, nClusters: 0

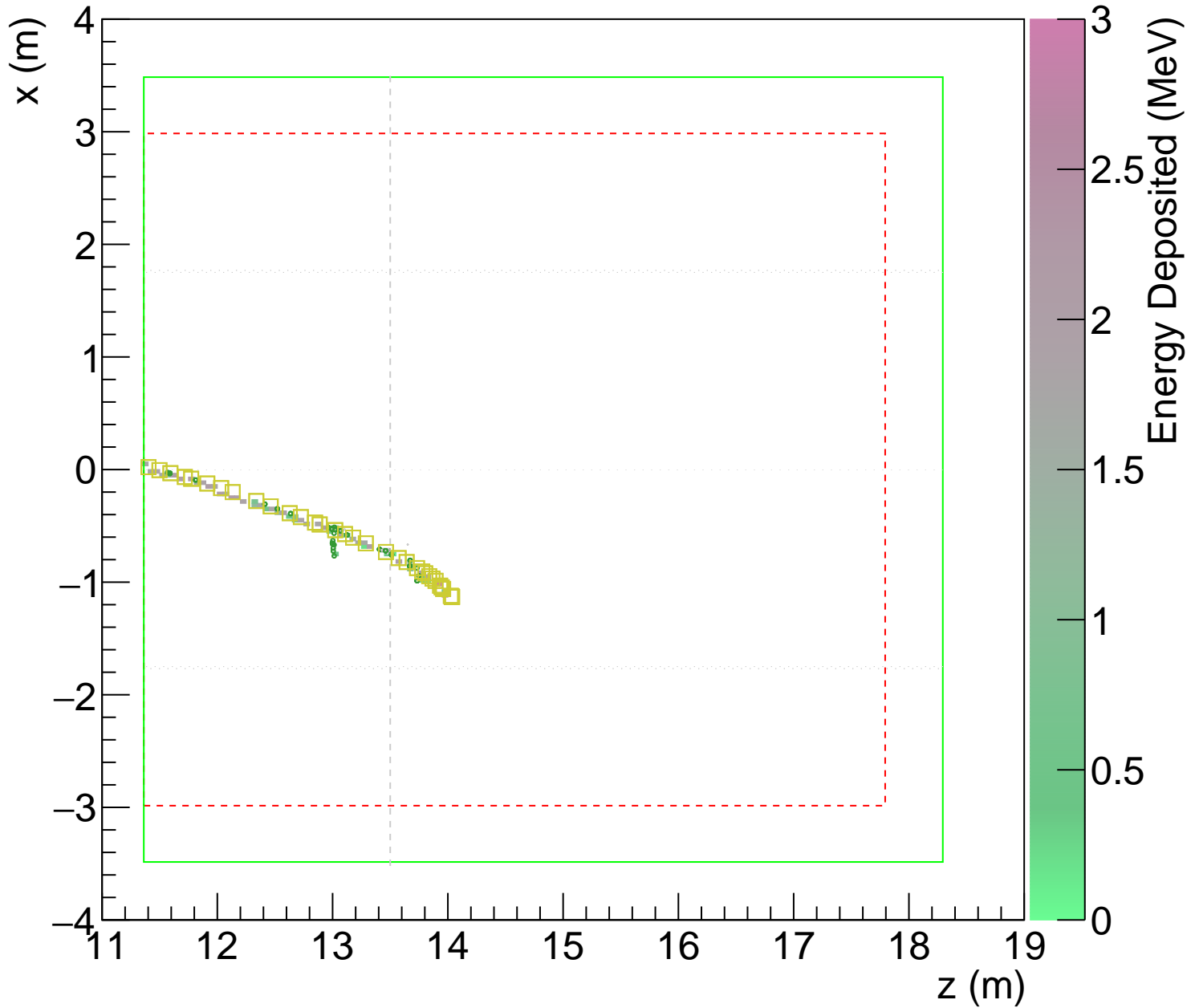




Event 241, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.67$  GeV,  $E_{\mu}^{\text{true}}=2.52$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

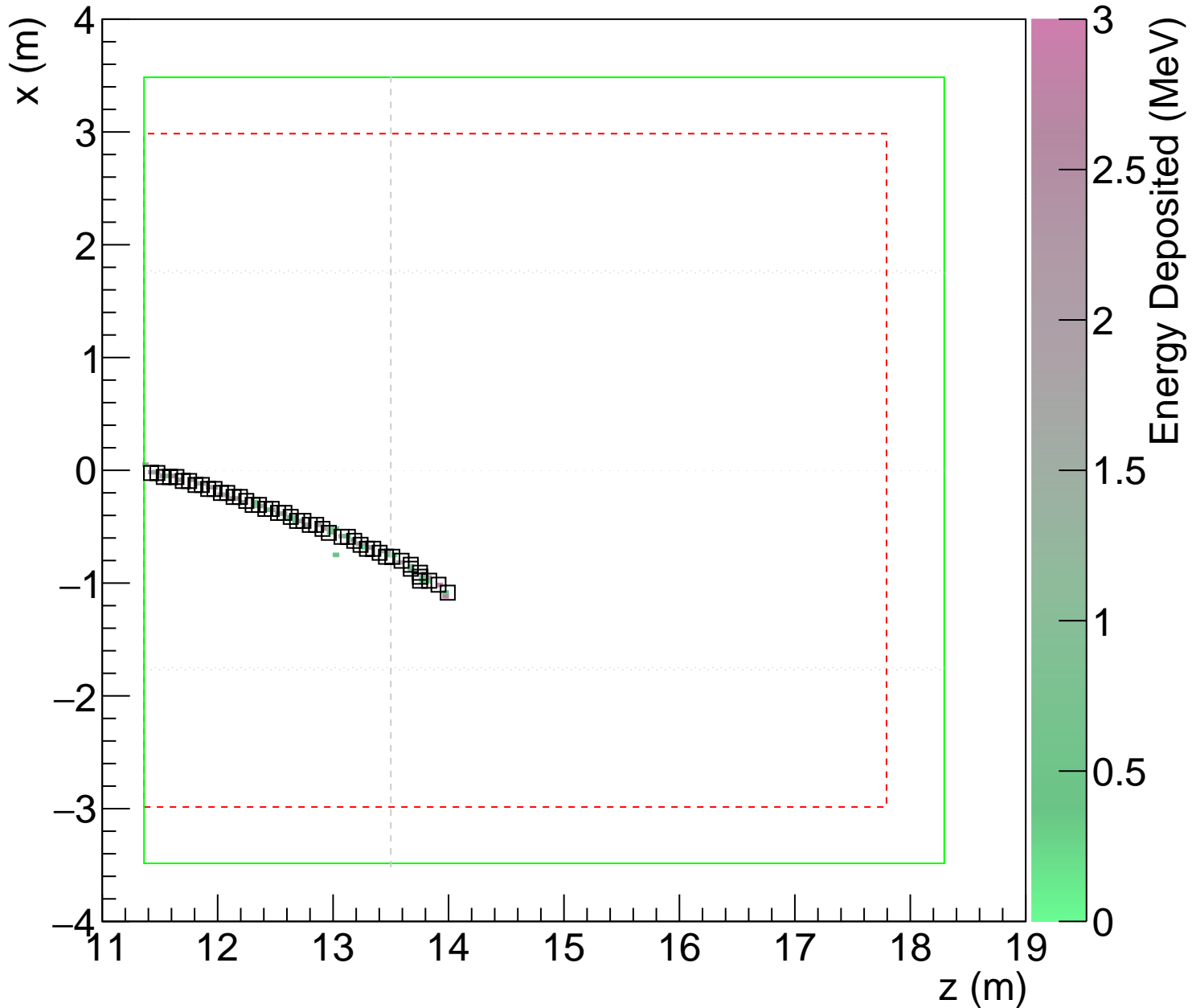


Event 241, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.67$  GeV,  $E_{\mu}^{\text{true}}=2.52$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

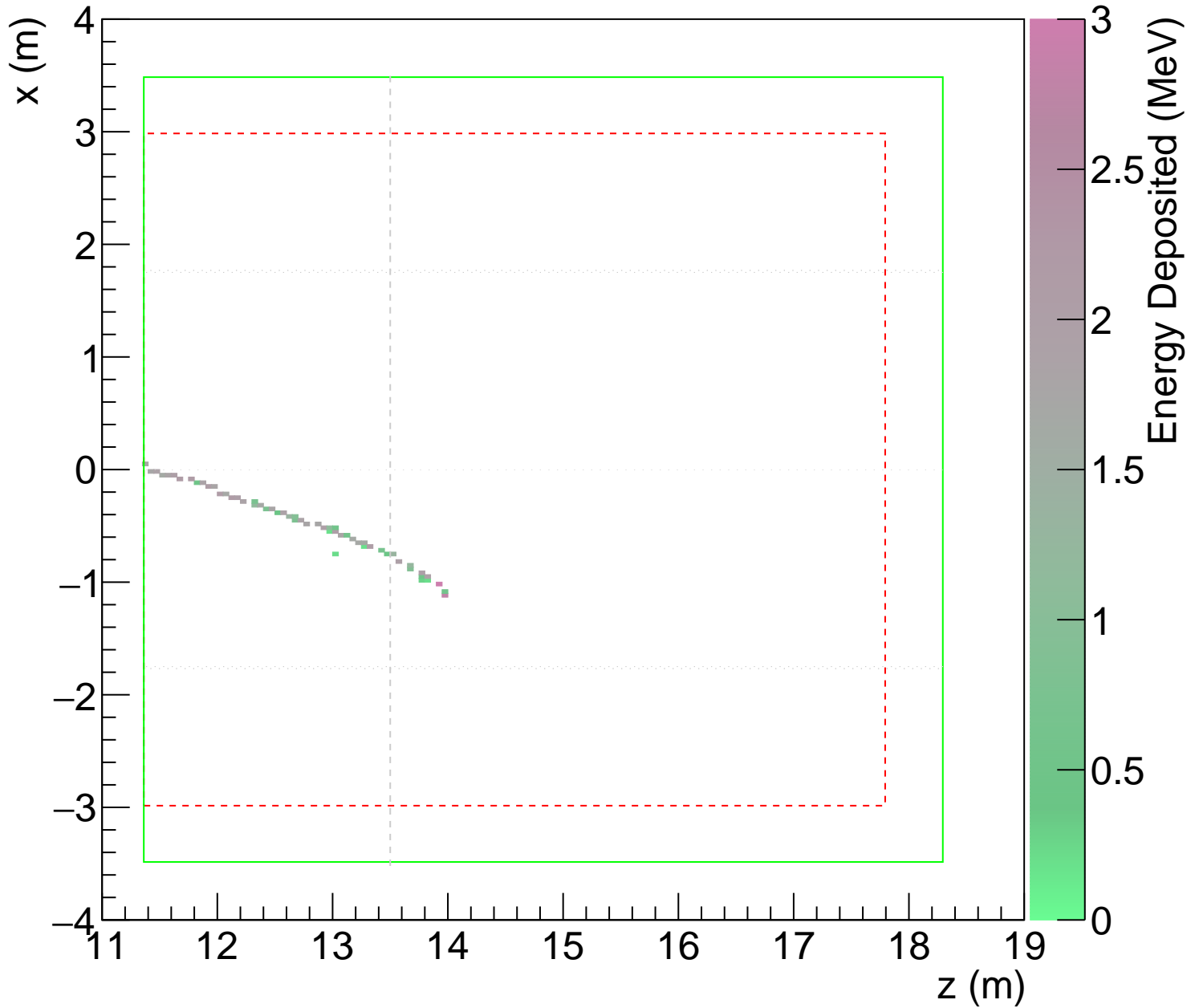


# Event 241 reconstructed

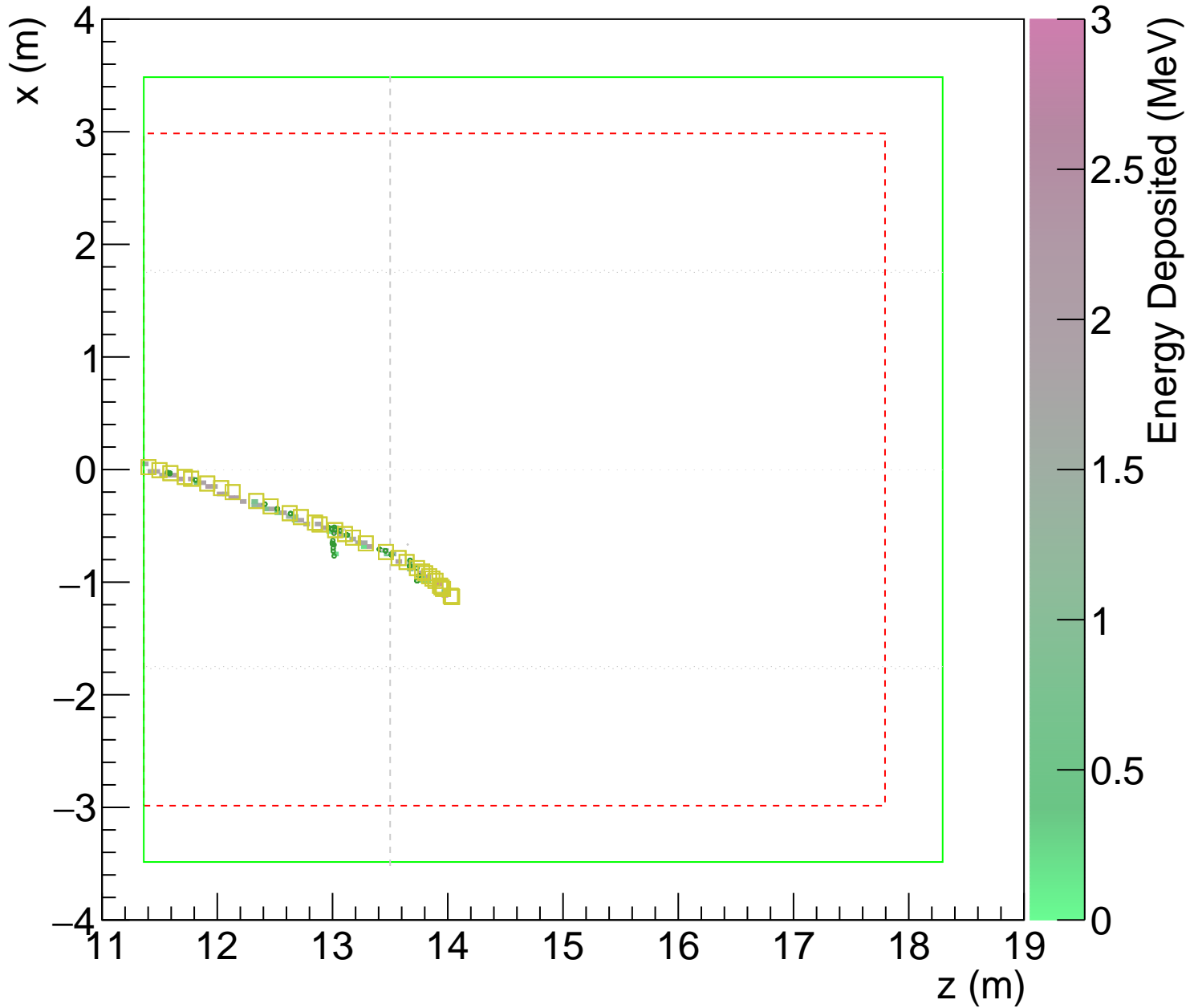
nLines: 1, nClusters: 0



Event 242, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.05$  GeV,  $E_{\mu}^{\text{true}}=5.56$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

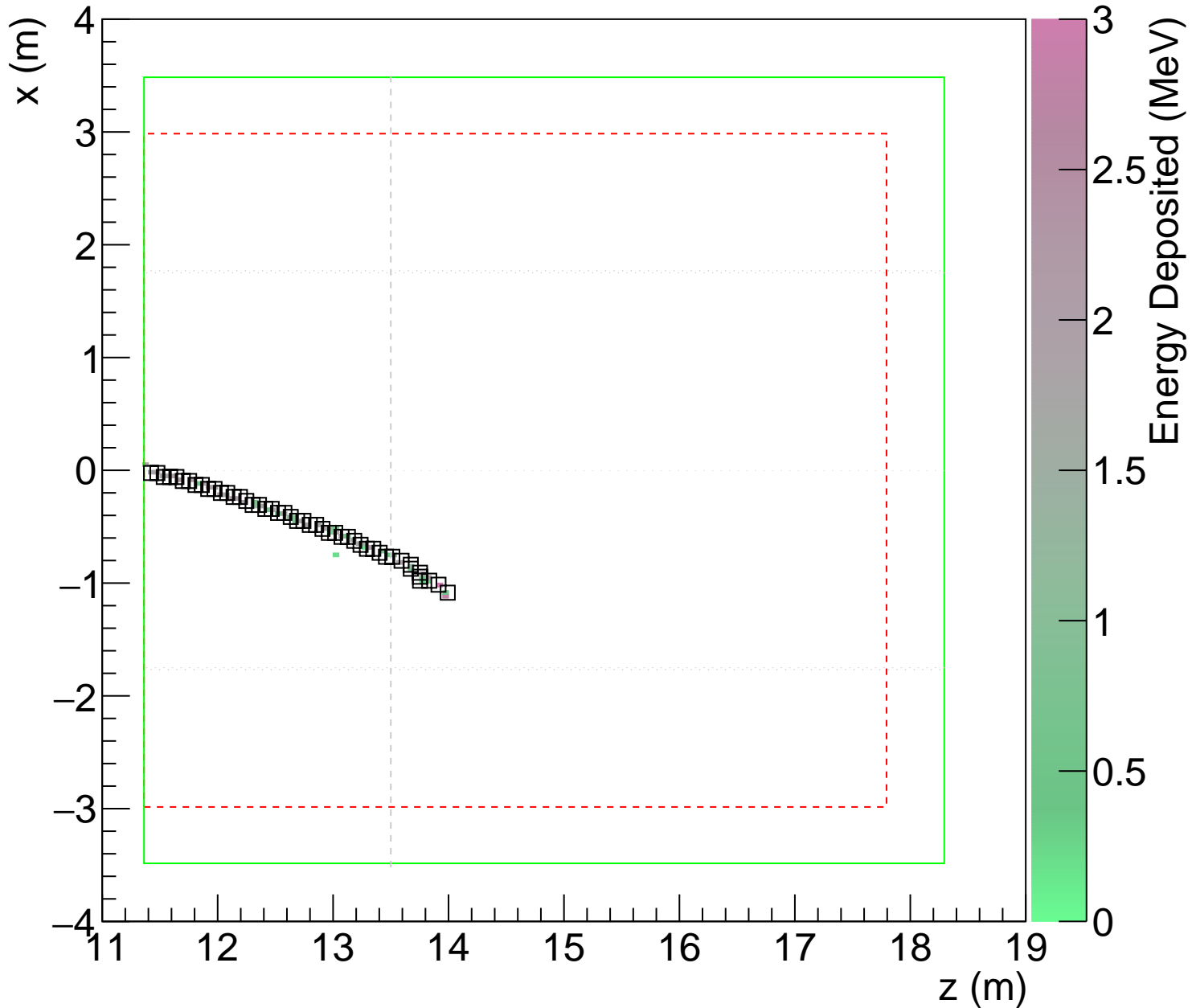


Event 242, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.05$  GeV,  $E_{\mu}^{\text{true}}=5.56$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

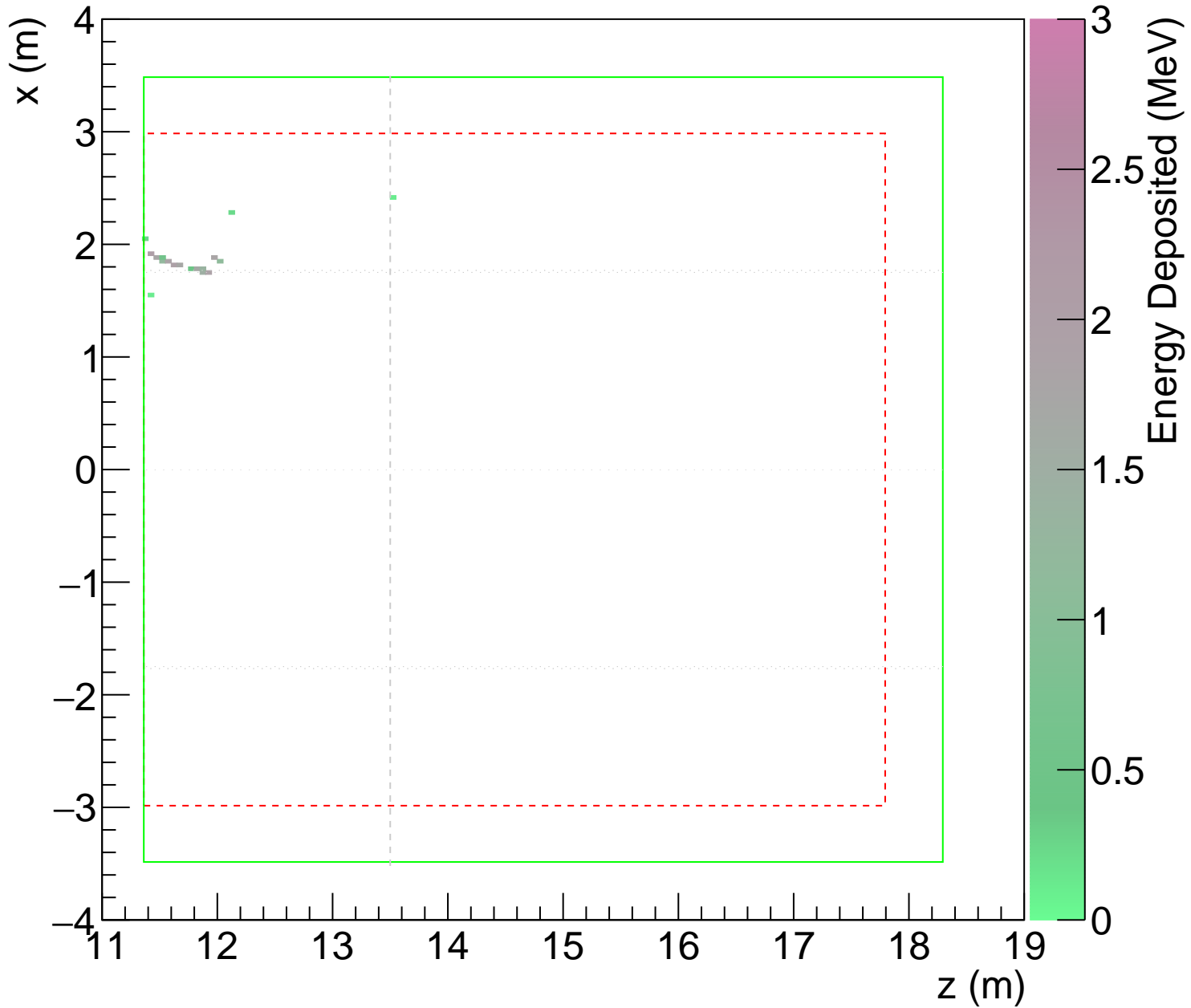


# Event 242 reconstructed

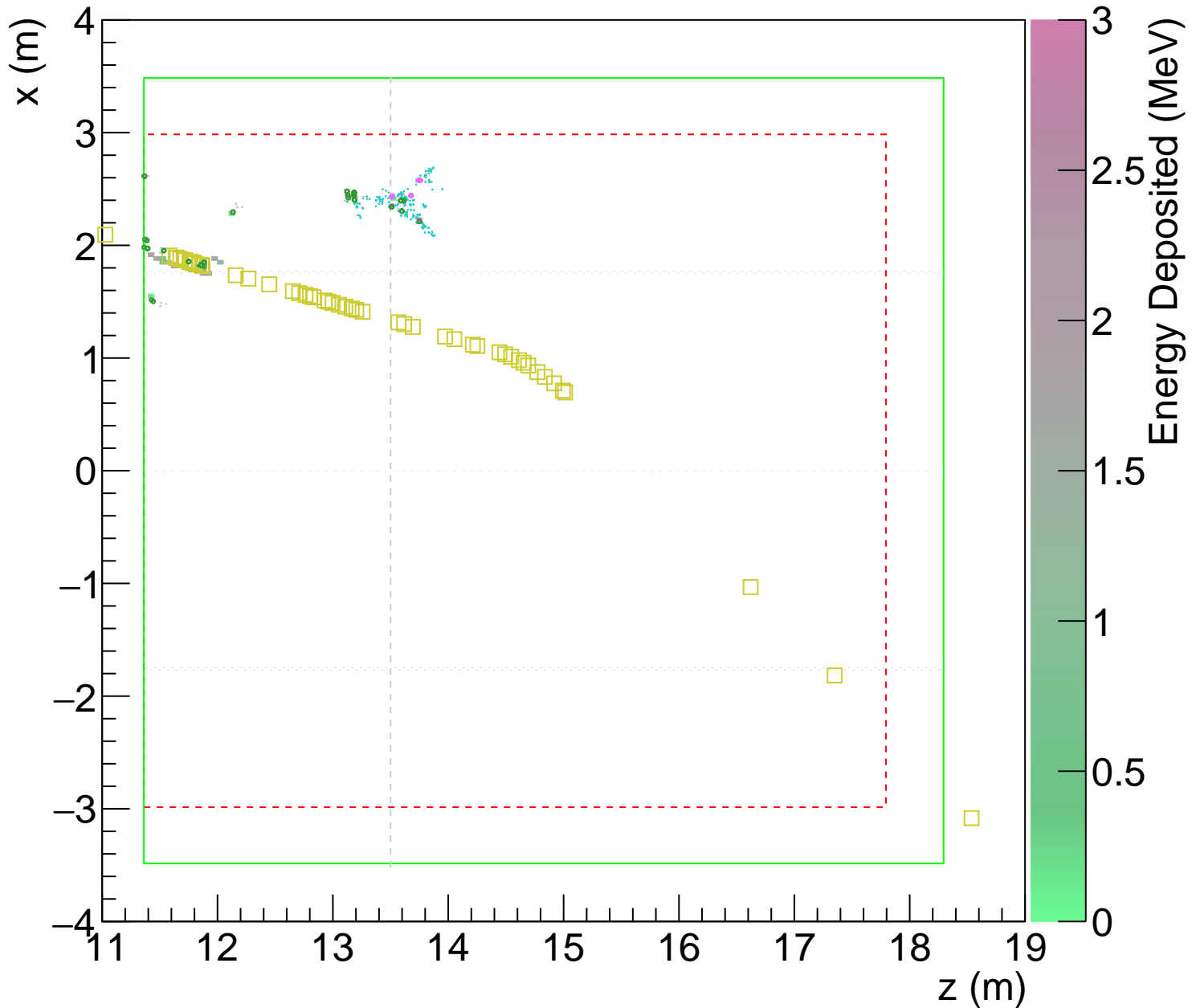
nLines: 1, nClusters: 0



Event 244, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.98$  GeV,  $E_{\mu}^{\text{true}}=2.04$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



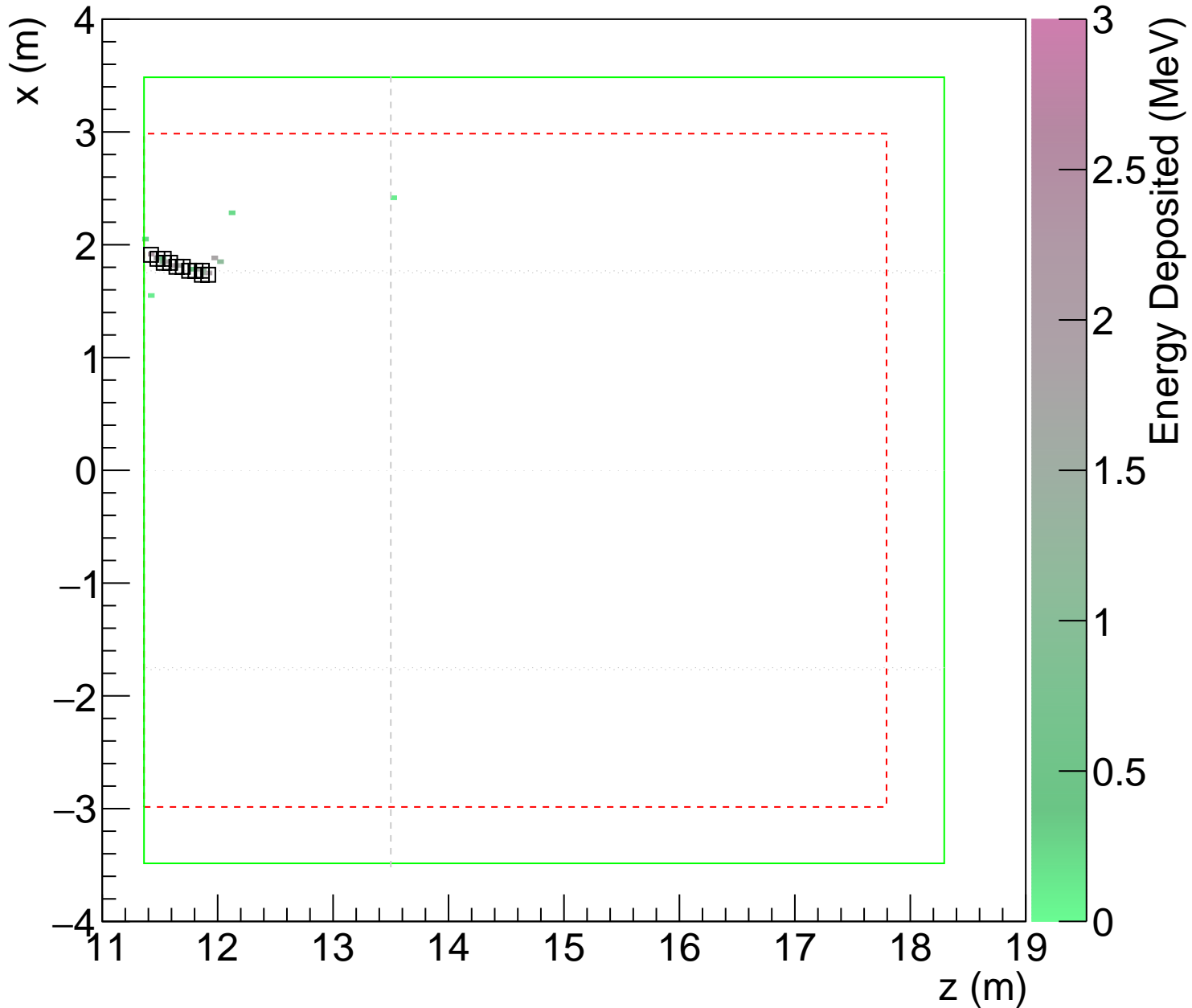
Event 244, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.98$  GeV,  $E_{\mu}^{\text{true}}=2.04$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



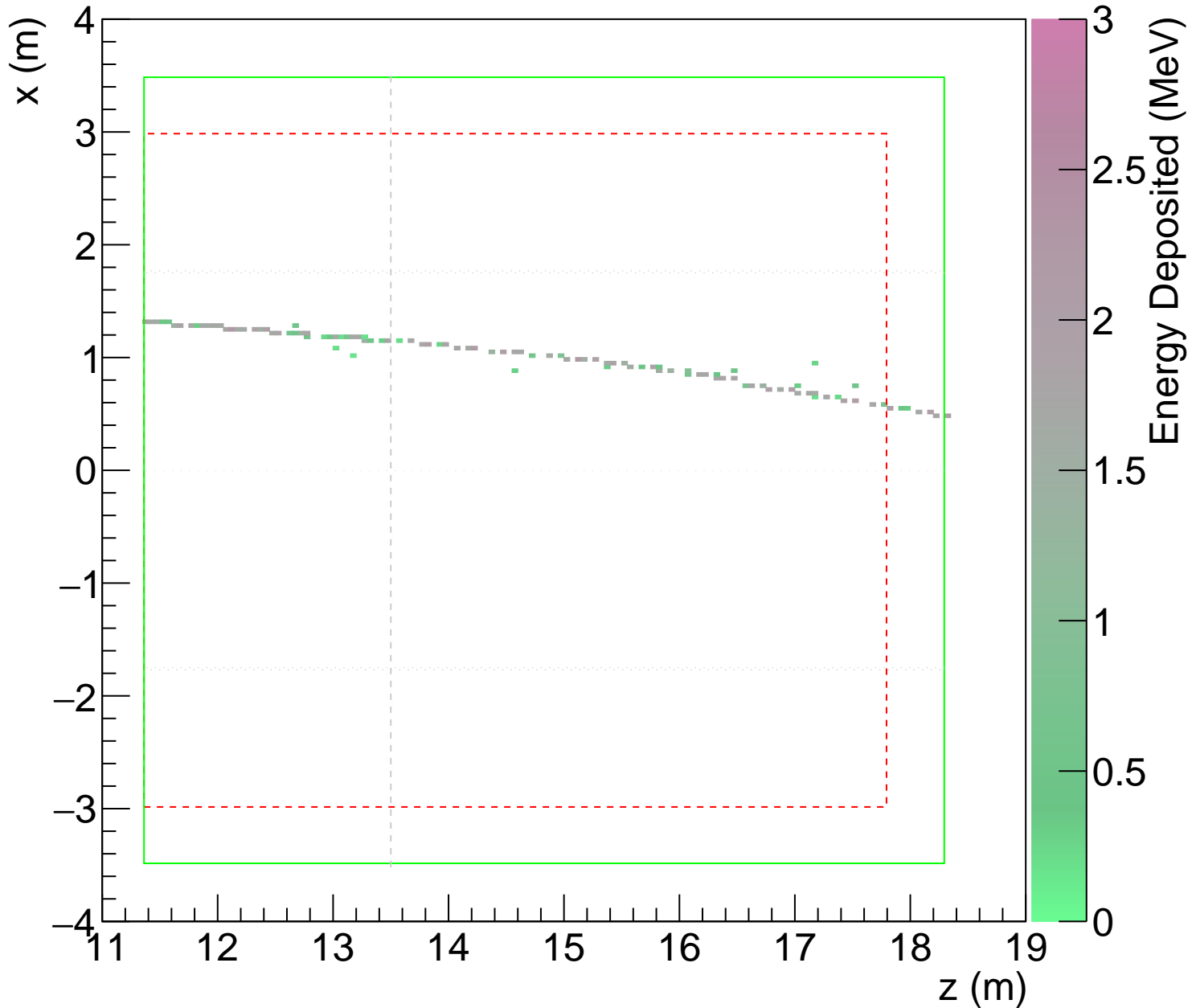


# Event 244 reconstructed

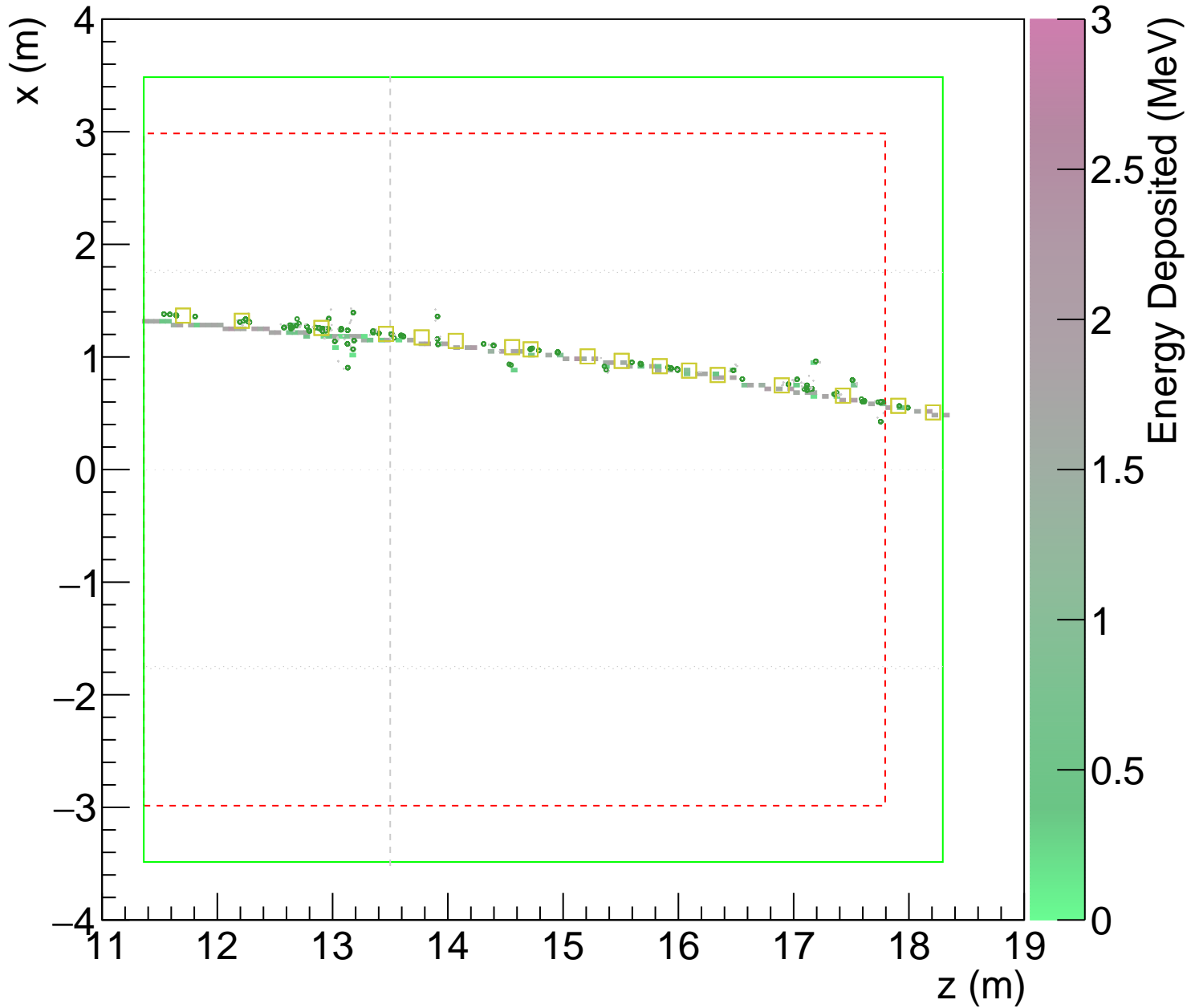
nLines: 1, nClusters: 0



Event 245, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.13$  GeV,  $E_{\mu}^{\text{true}}=11.69$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

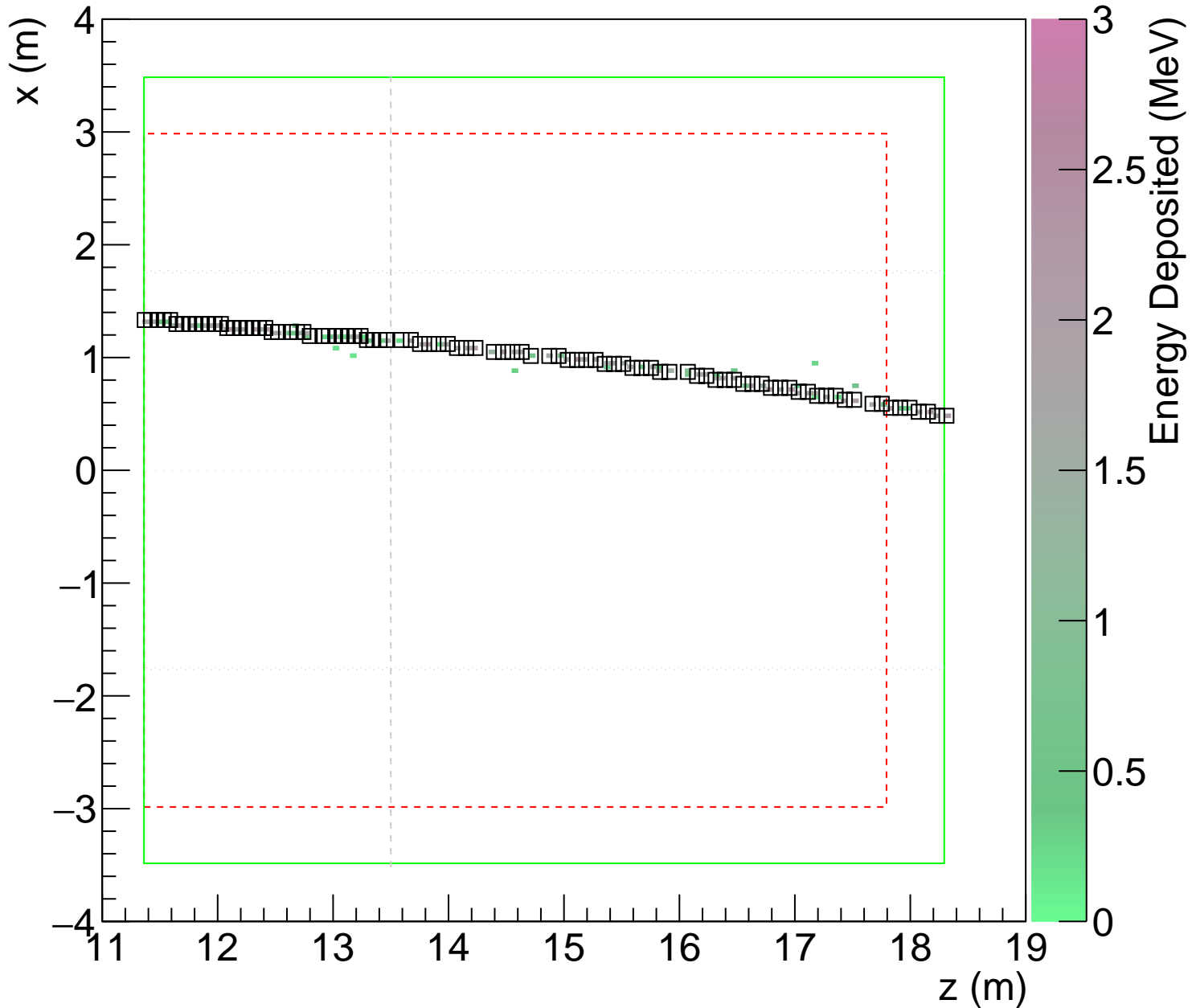


Event 245, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.13$  GeV,  $E_{\mu}^{\text{true}}=11.69$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

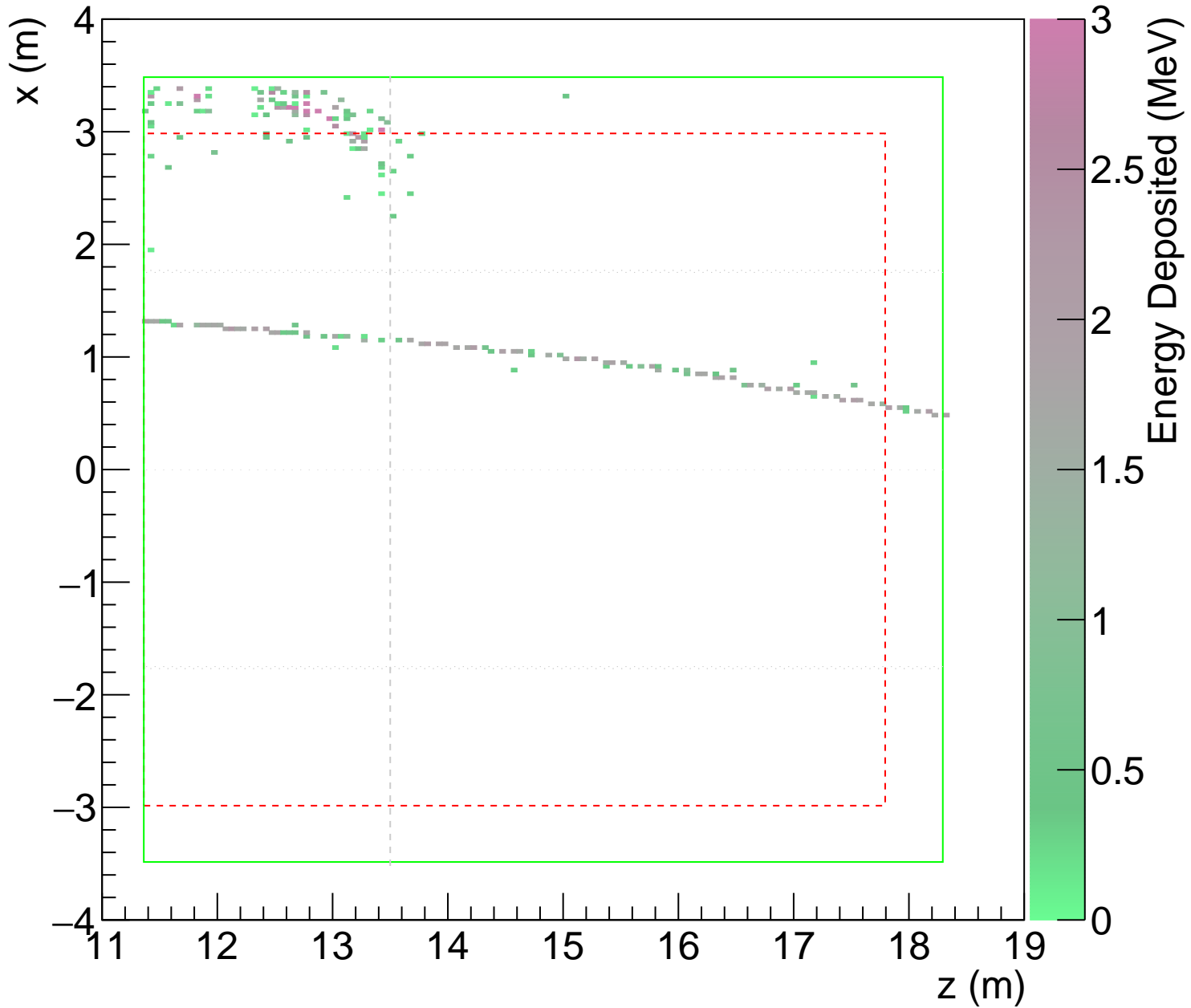


# Event 245 reconstructed

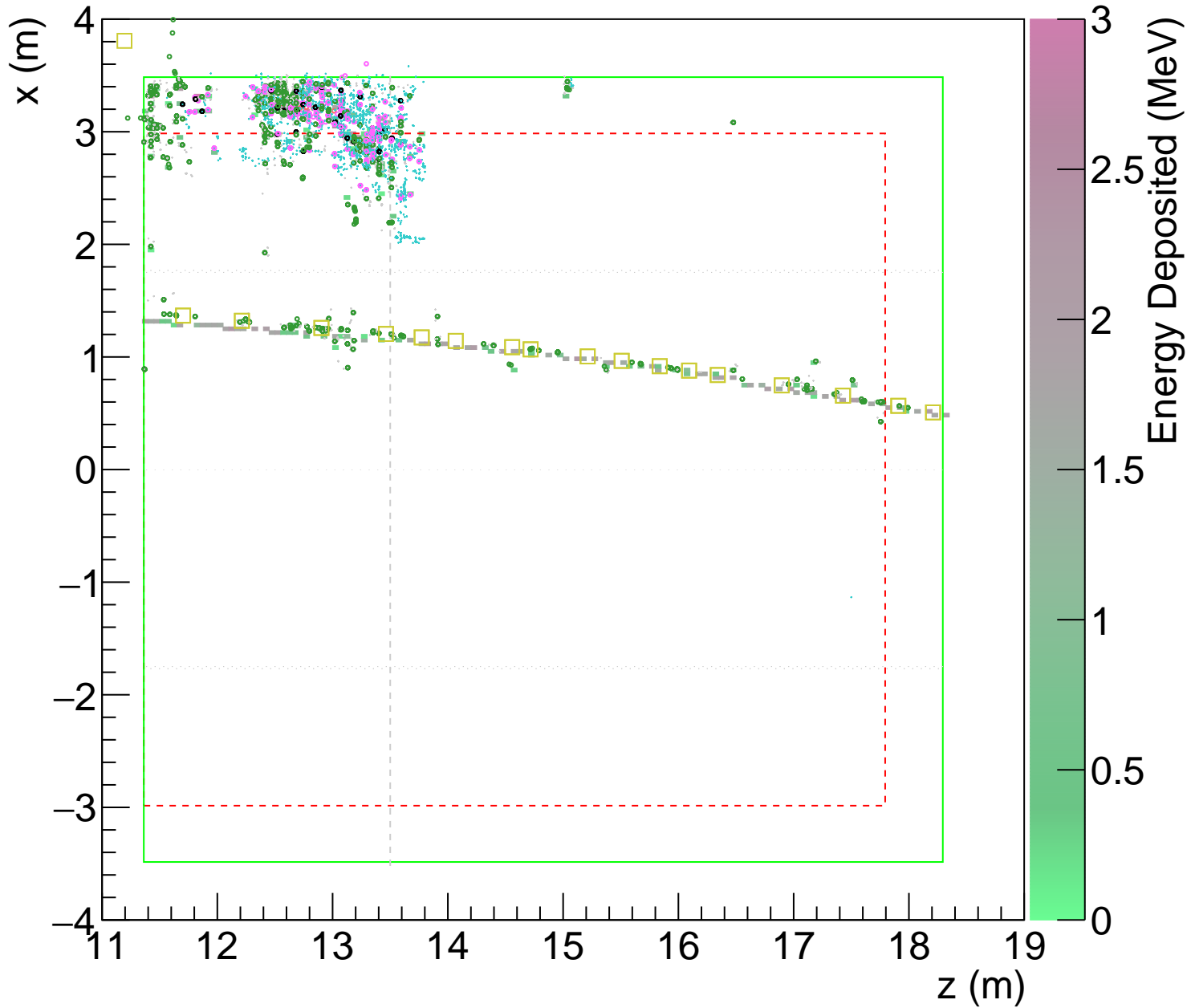
nLines: 1, nClusters: 0



Event 246, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=30.00$  GeV,  $E_{\mu}^{\text{true}}=11.69$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

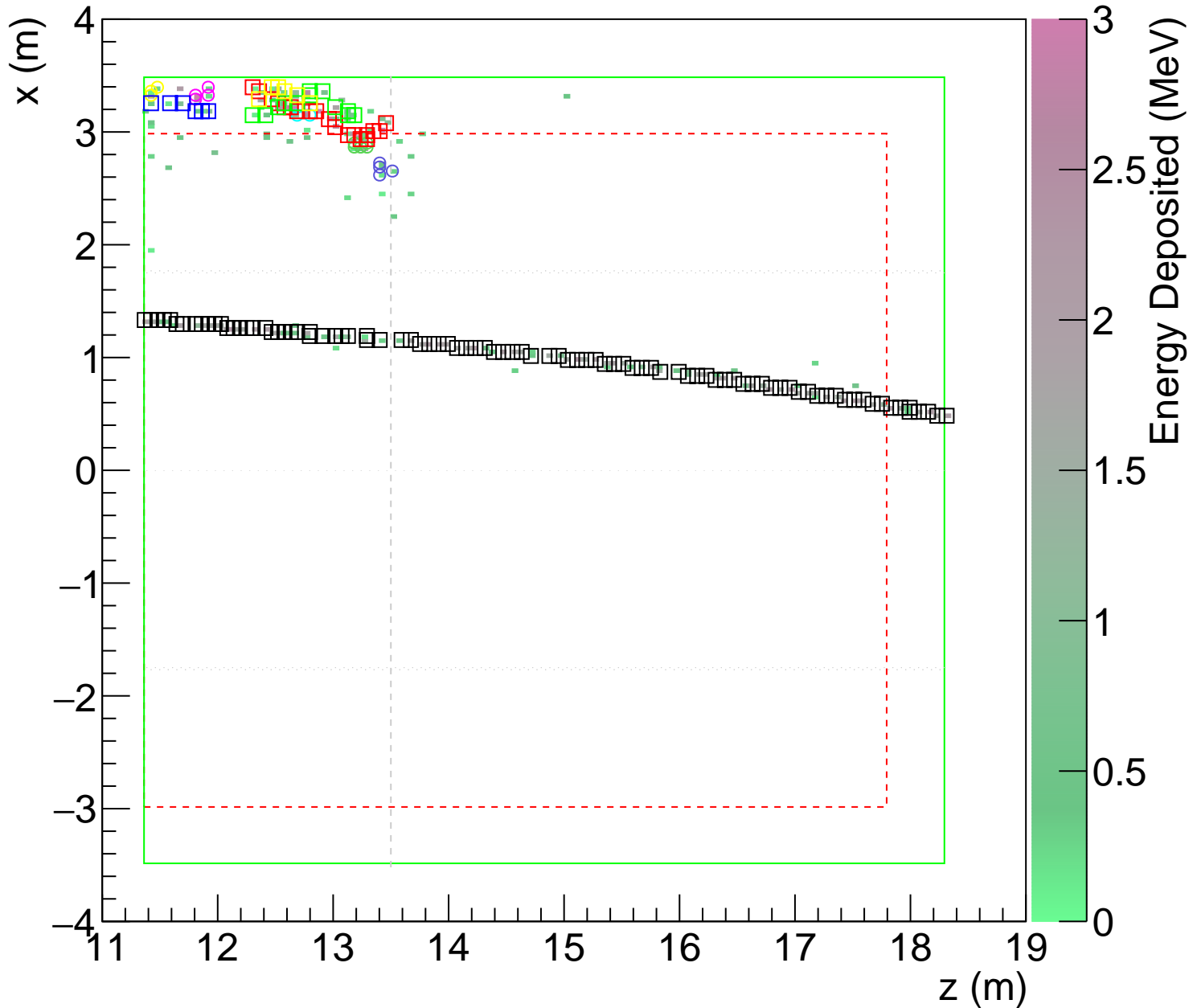


Event 246, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=30.00$  GeV,  $E_{\mu}^{\text{true}}=11.69$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

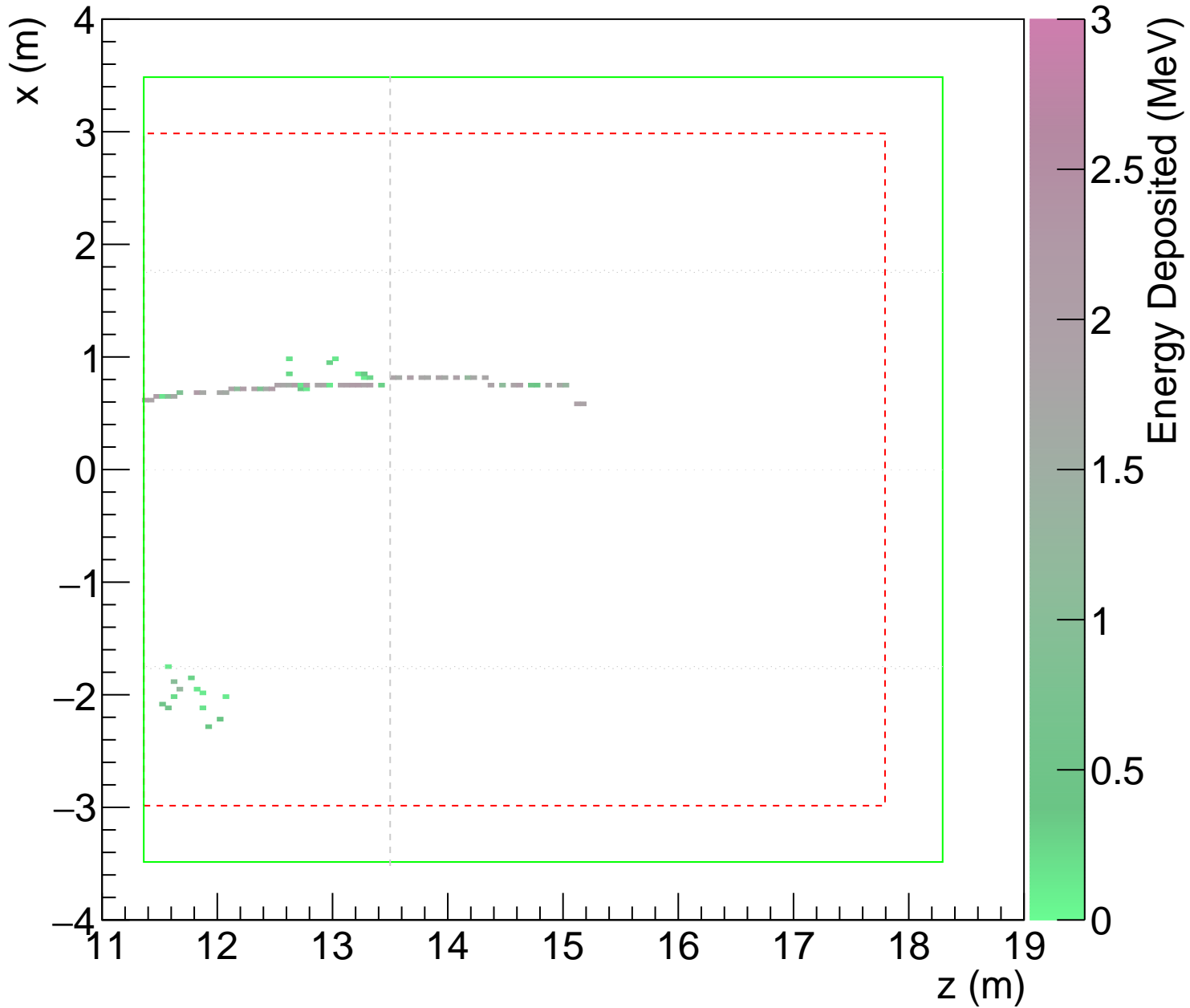


# Event 246 reconstructed

nLines: 5, nClusters: 5

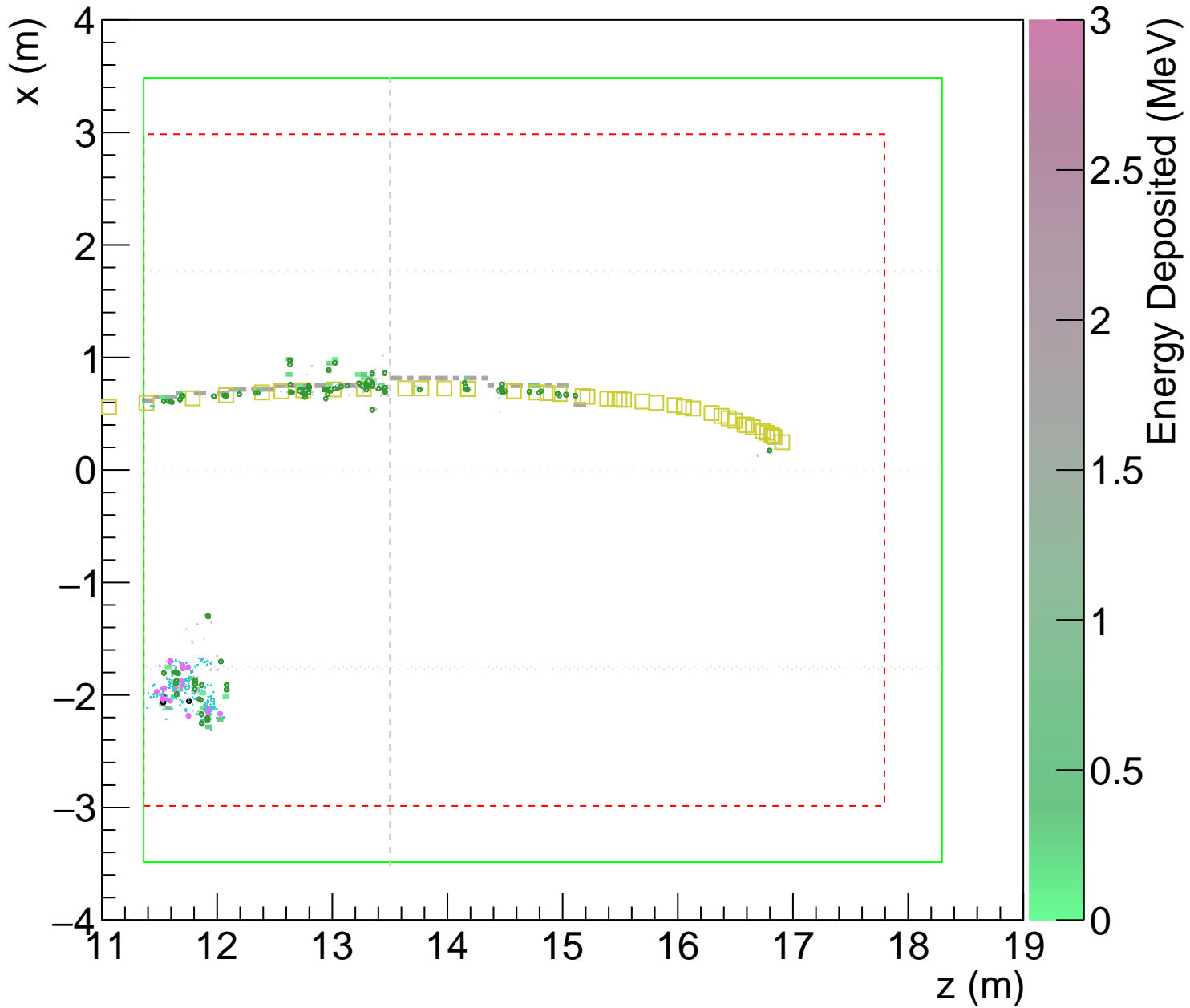


Event 251, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.36$  GeV,  $E_{\mu}^{\text{true}}=3.95$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



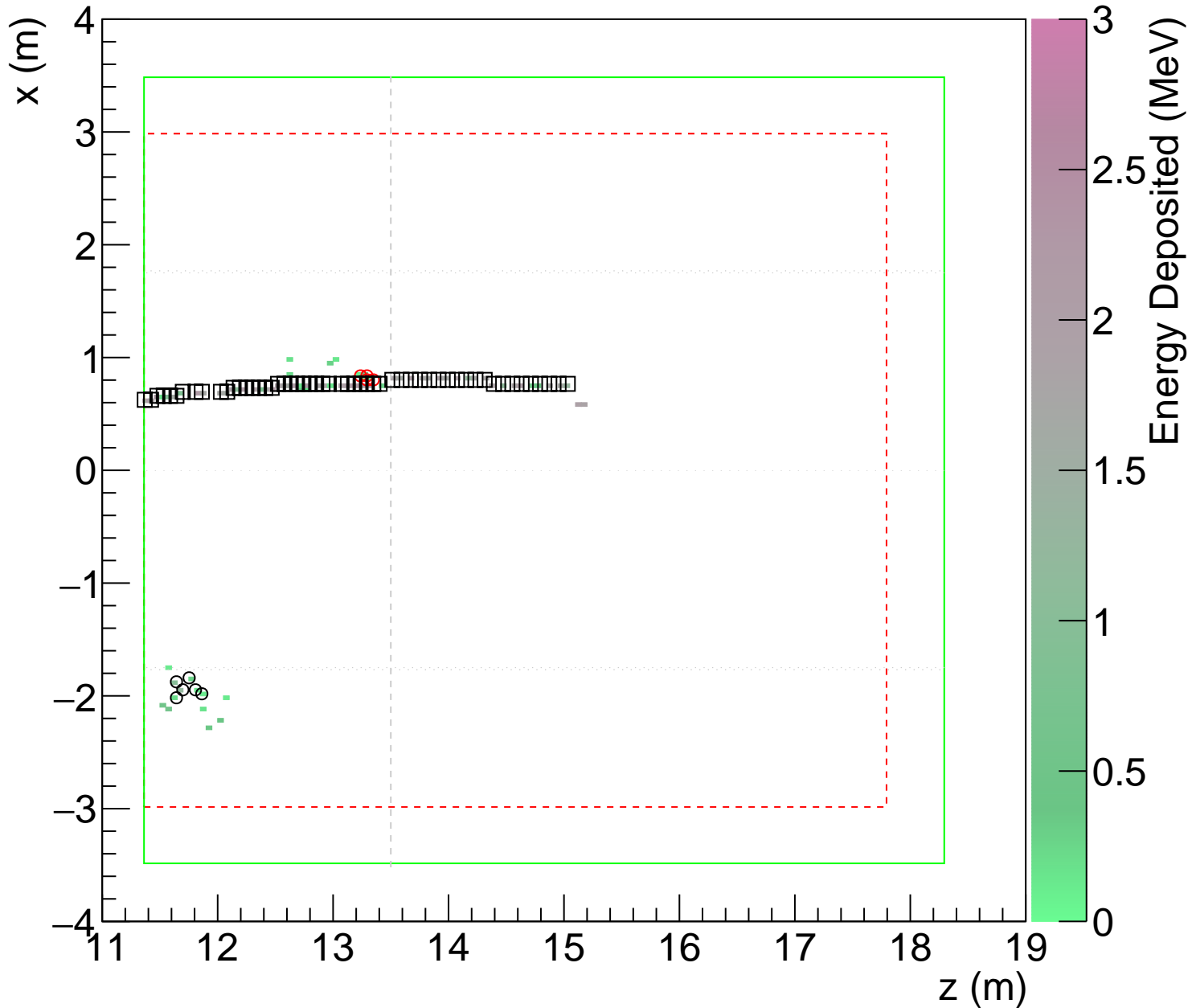


Event 251, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.36$  GeV,  $E_{\mu}^{\text{true}}=3.95$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

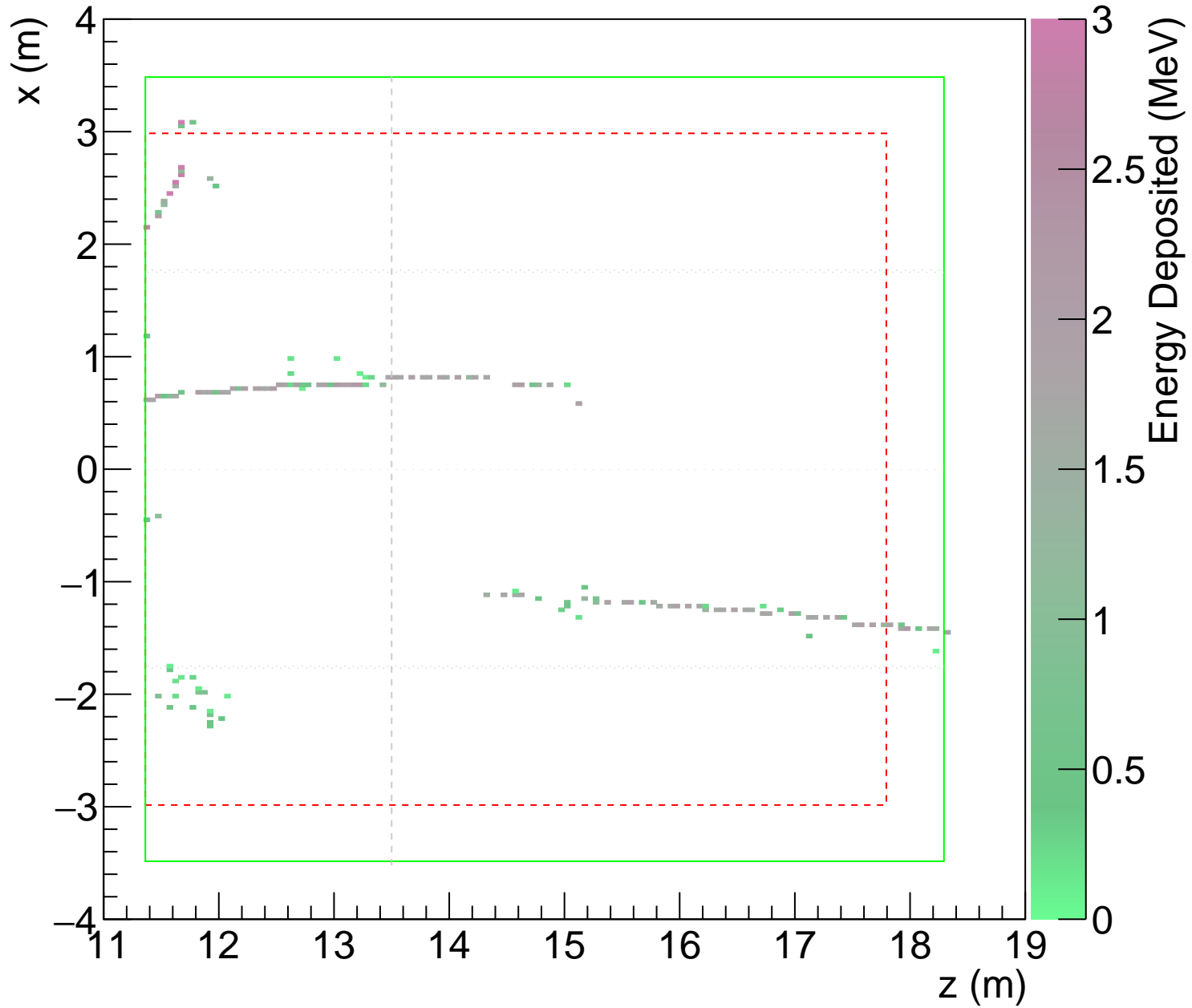


# Event 251 reconstructed

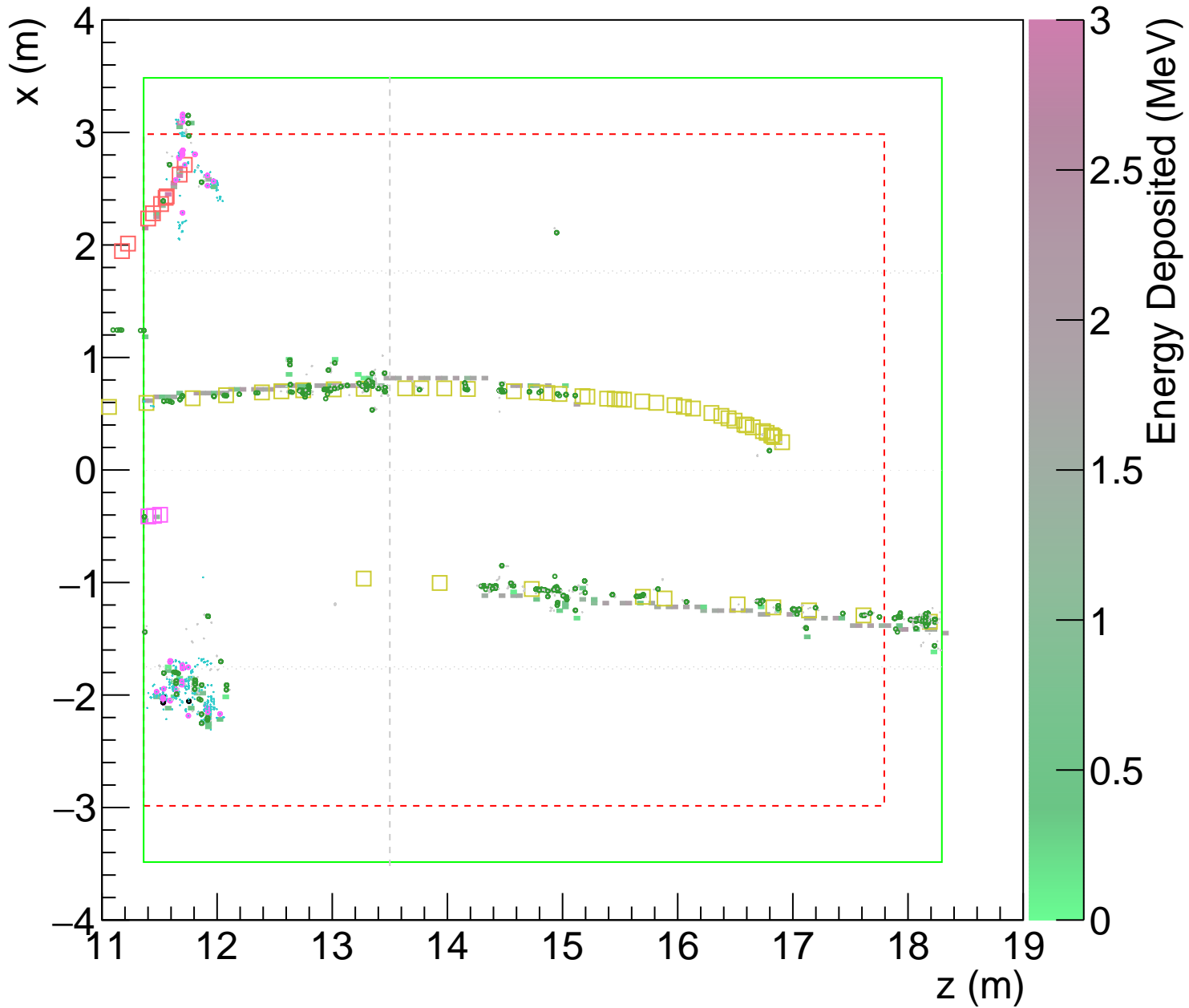
nLines: 1, nClusters: 2



Event 252, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=19.37$  GeV,  $E_{\mu}^{\text{true}}=17.57$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:11,

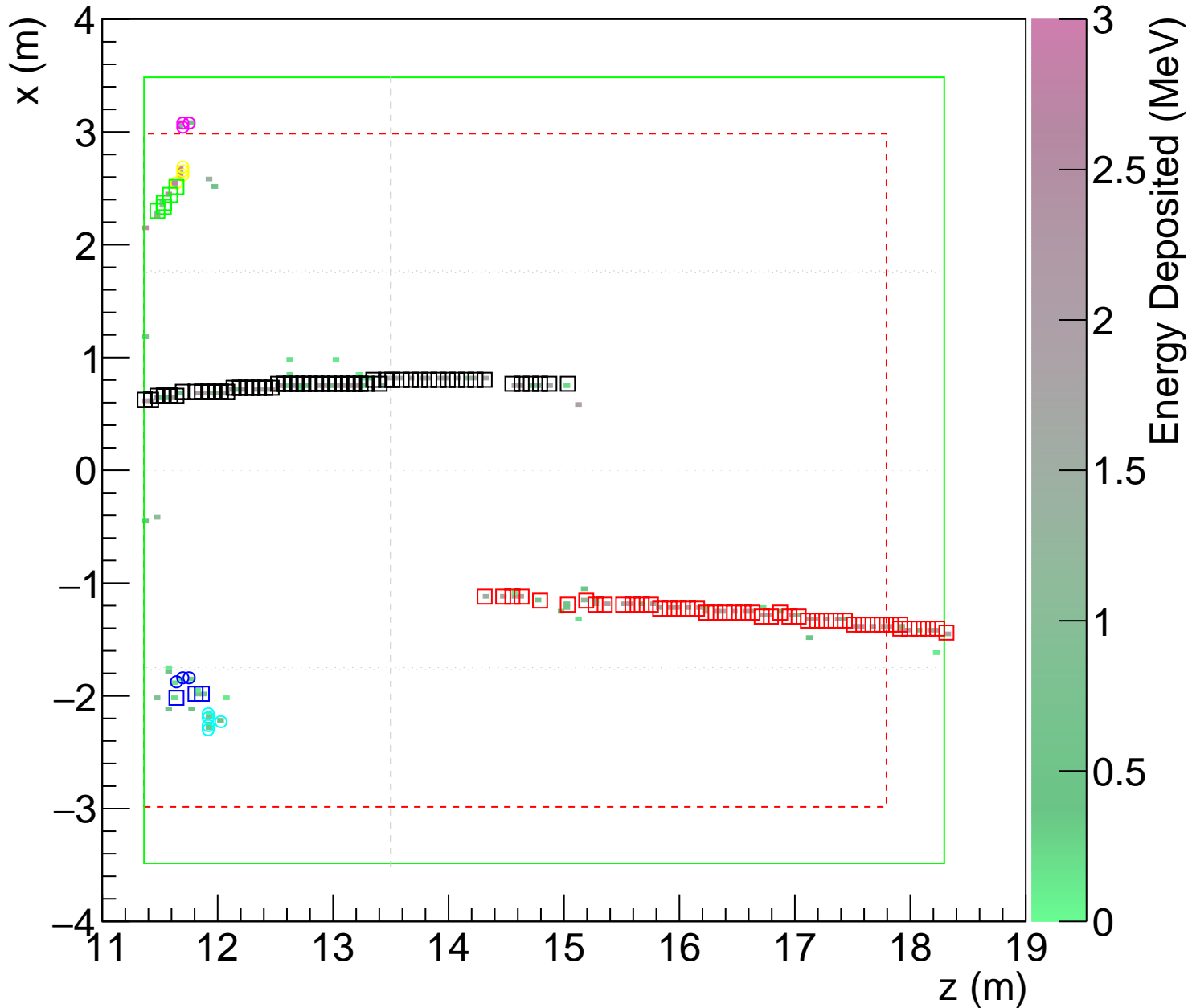


Event 252, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=19.37$  GeV,  $E_{\mu}^{\text{true}}=17.57$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:11,

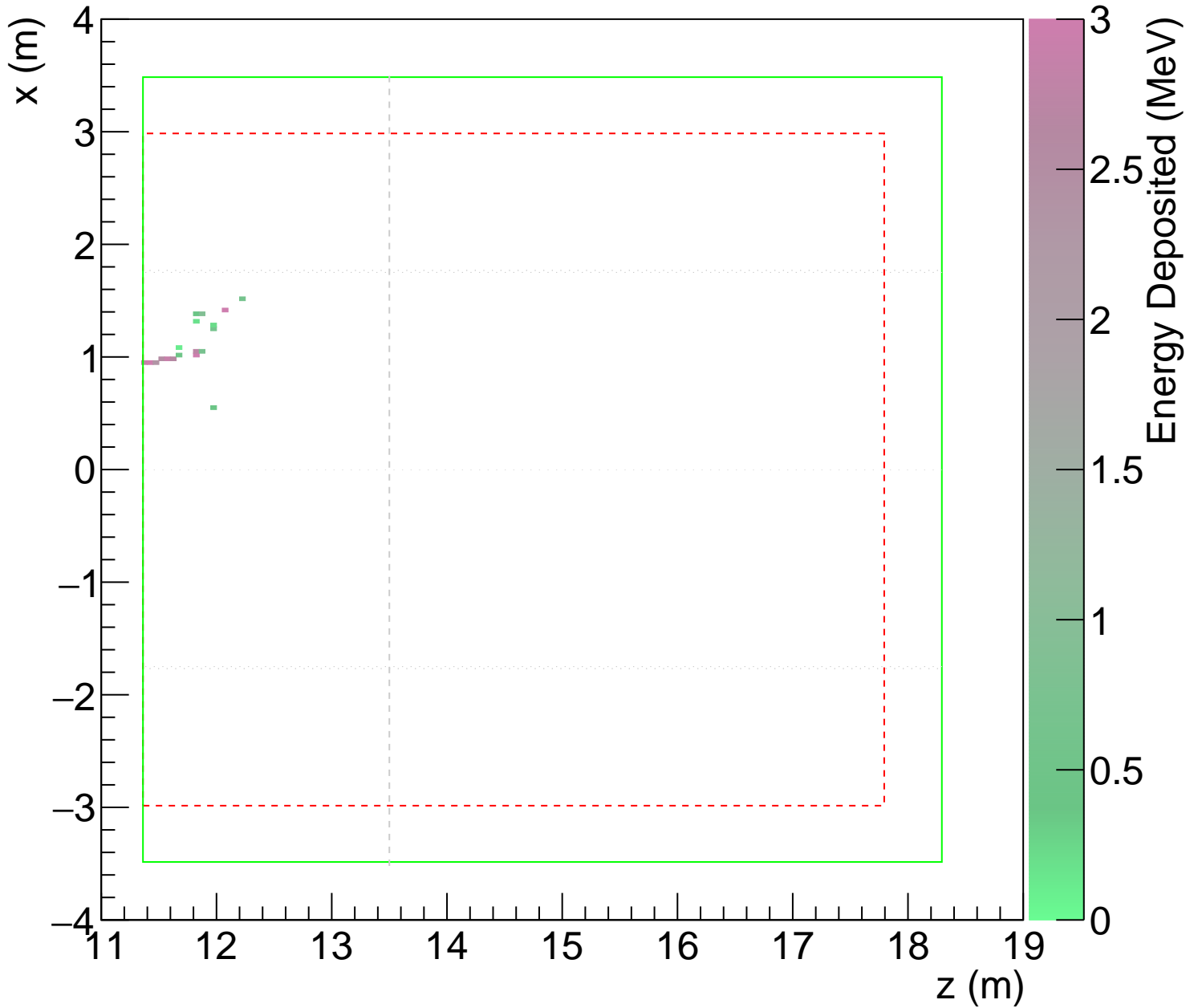


# Event 252 reconstructed

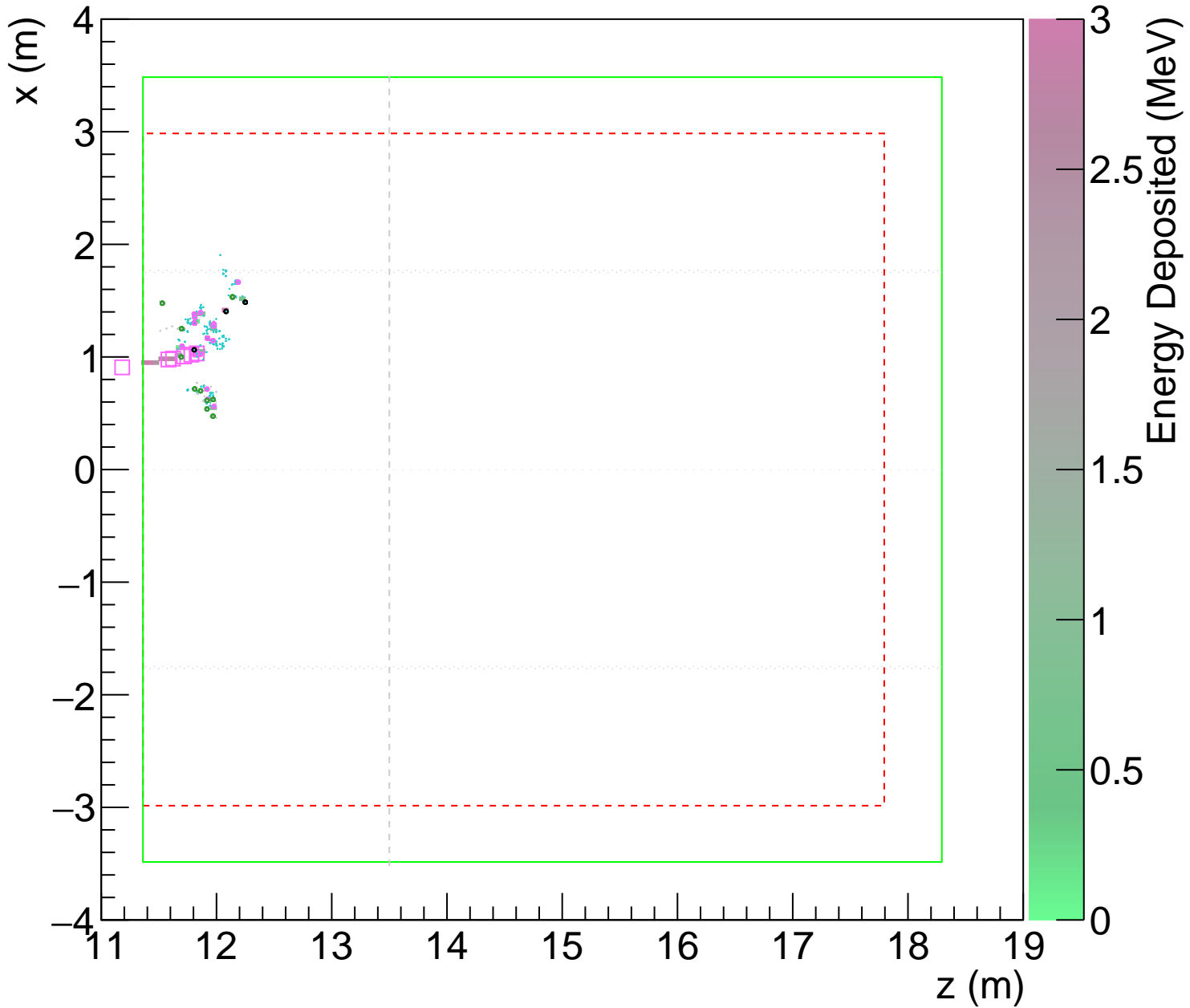
nLines: 4, nClusters: 4



Event 254, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.06$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

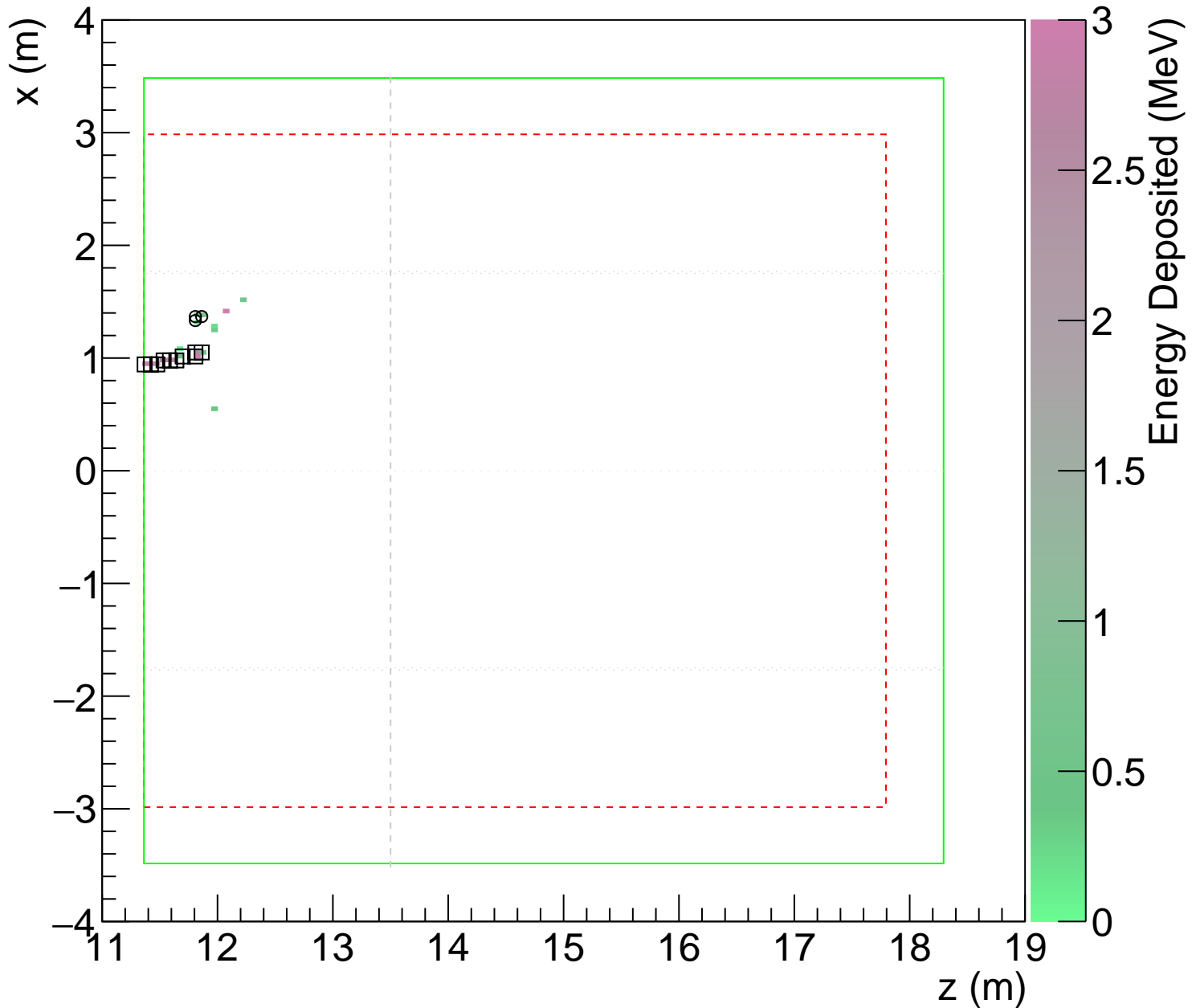


Event 254, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.06$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,



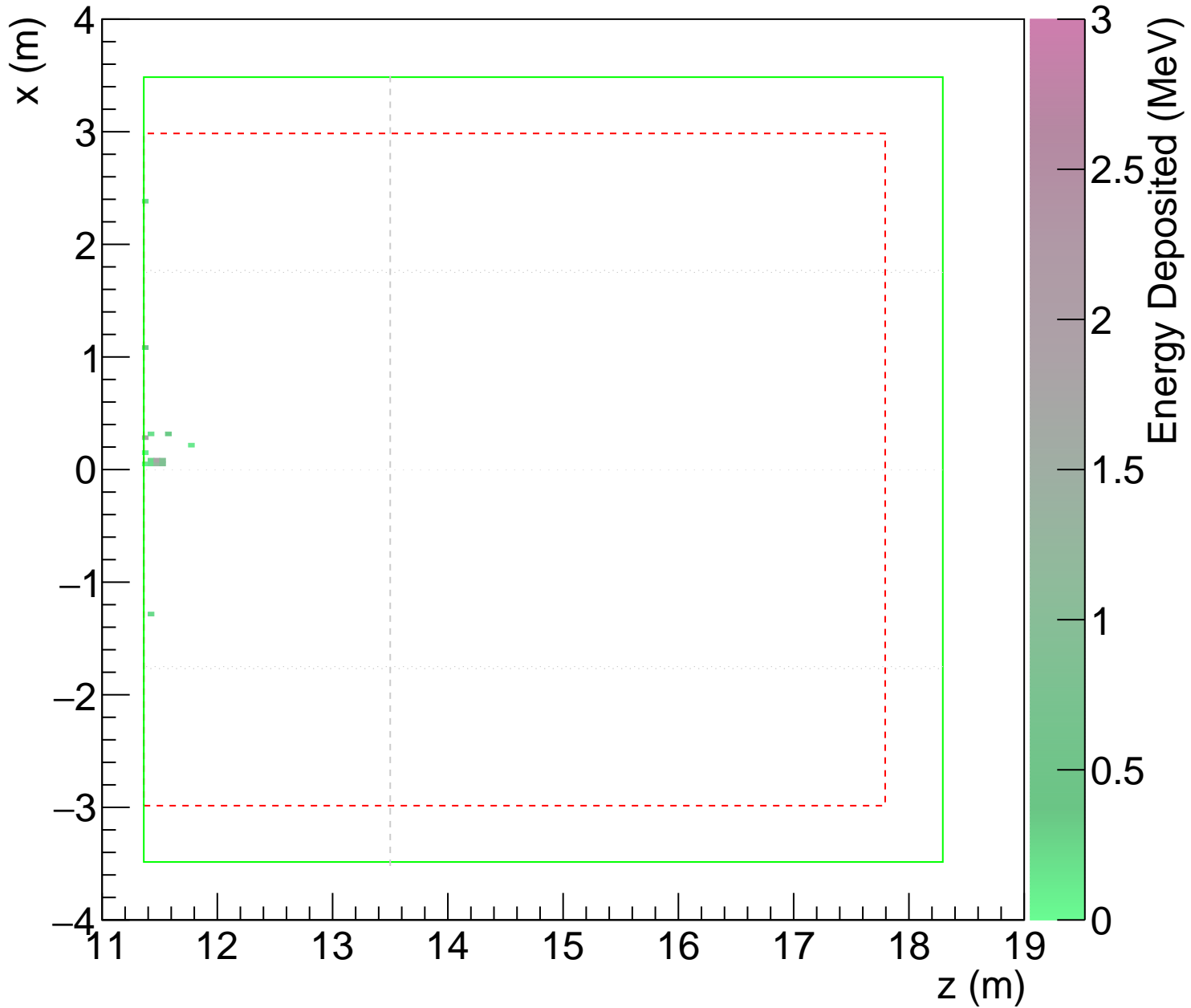
# Event 254 reconstructed

nLines: 1, nClusters: 1

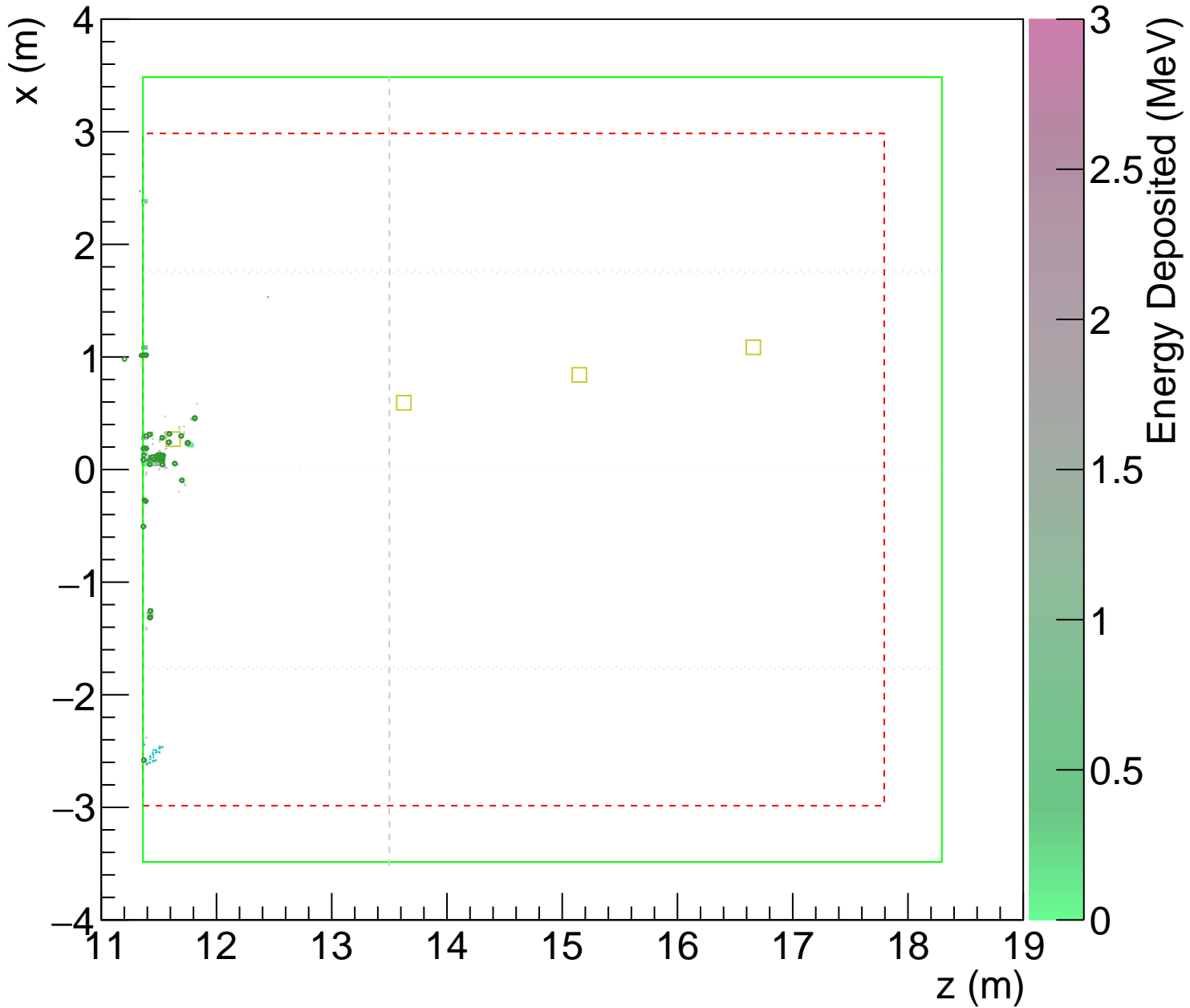




Event 255, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.82$  GeV,  $E_{\mu}^{\text{true}}=0.98$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

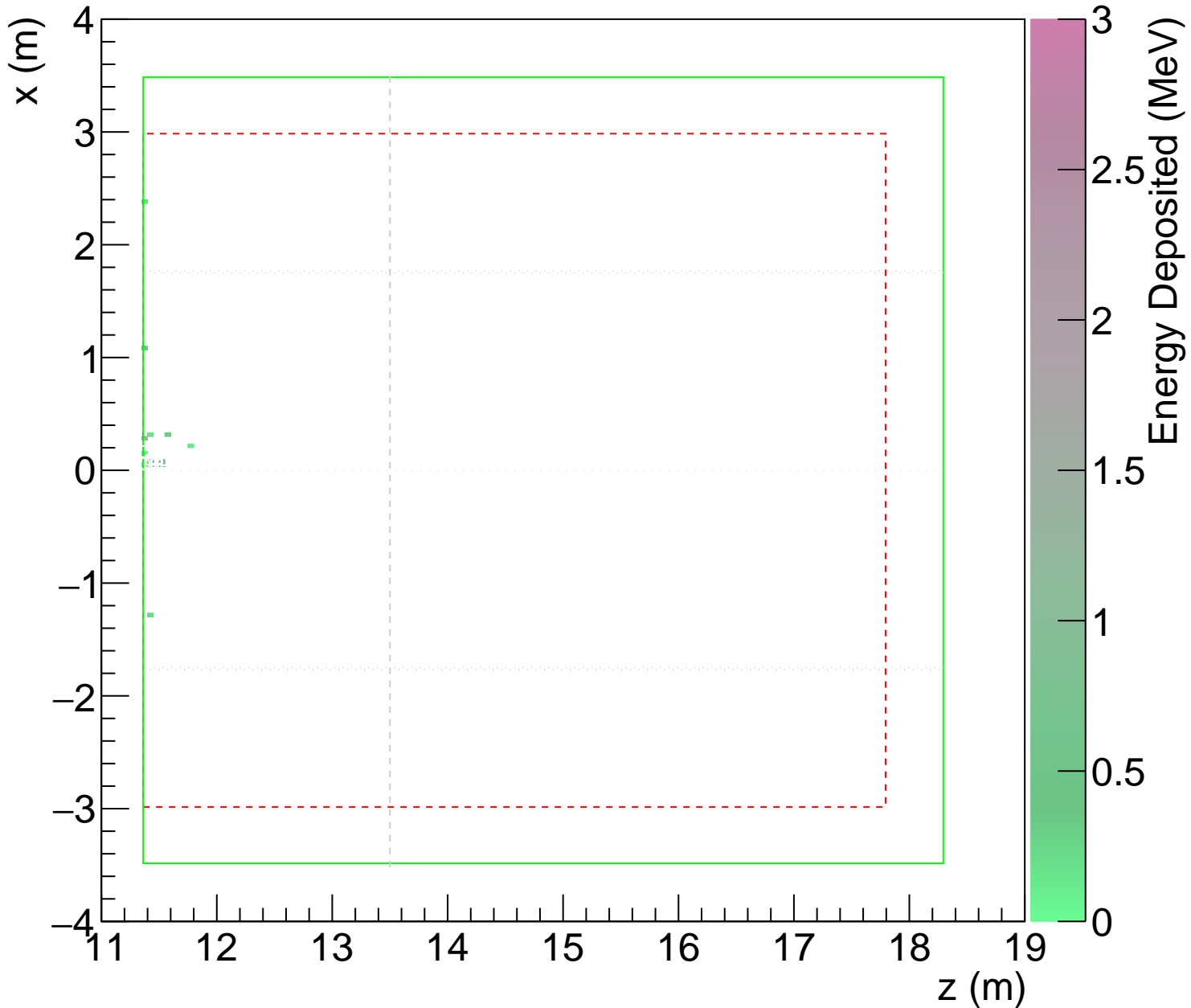


Event 255, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.82$  GeV,  $E_{\mu}^{\text{true}}=0.98$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

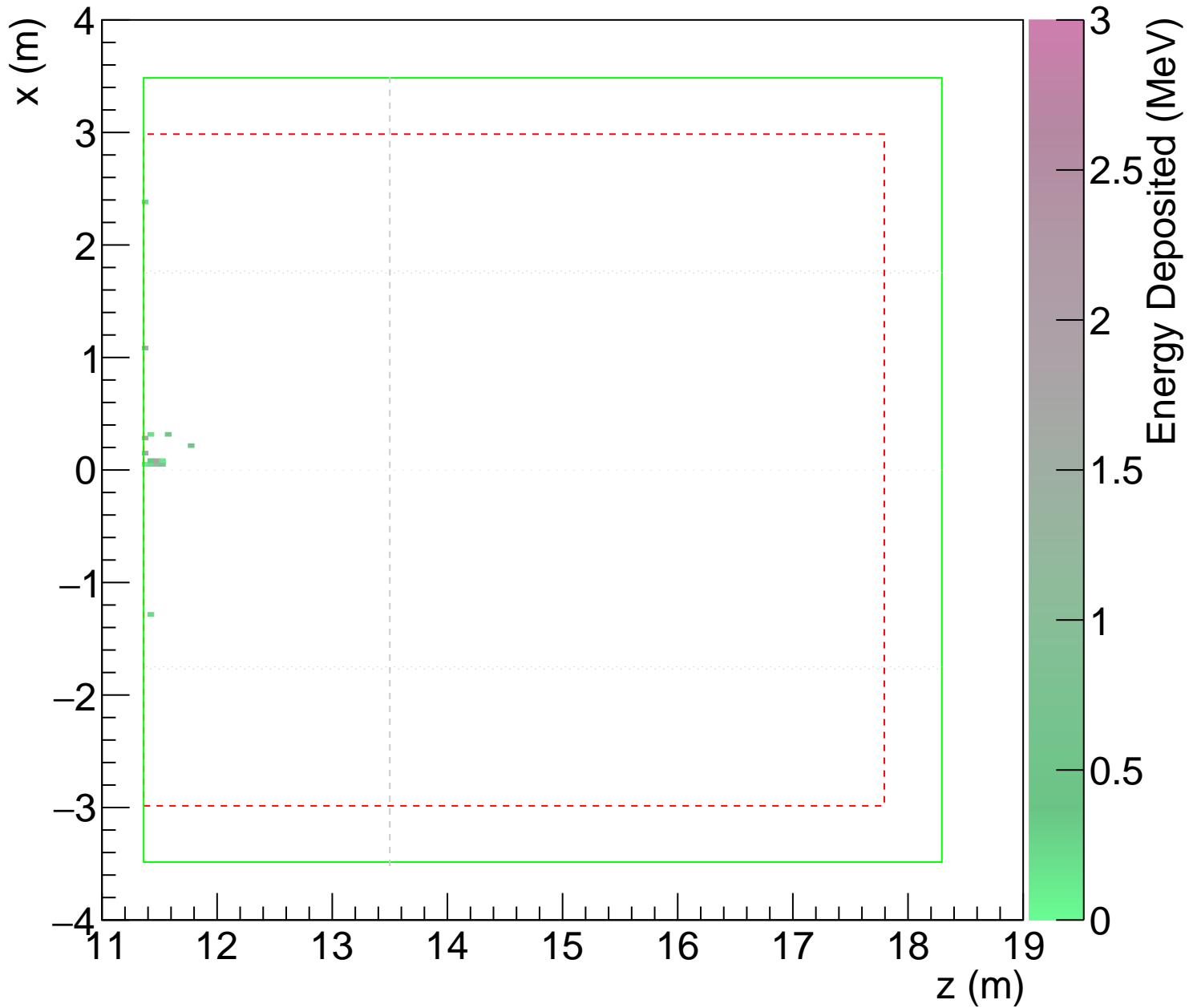


# Event 255 reconstructed

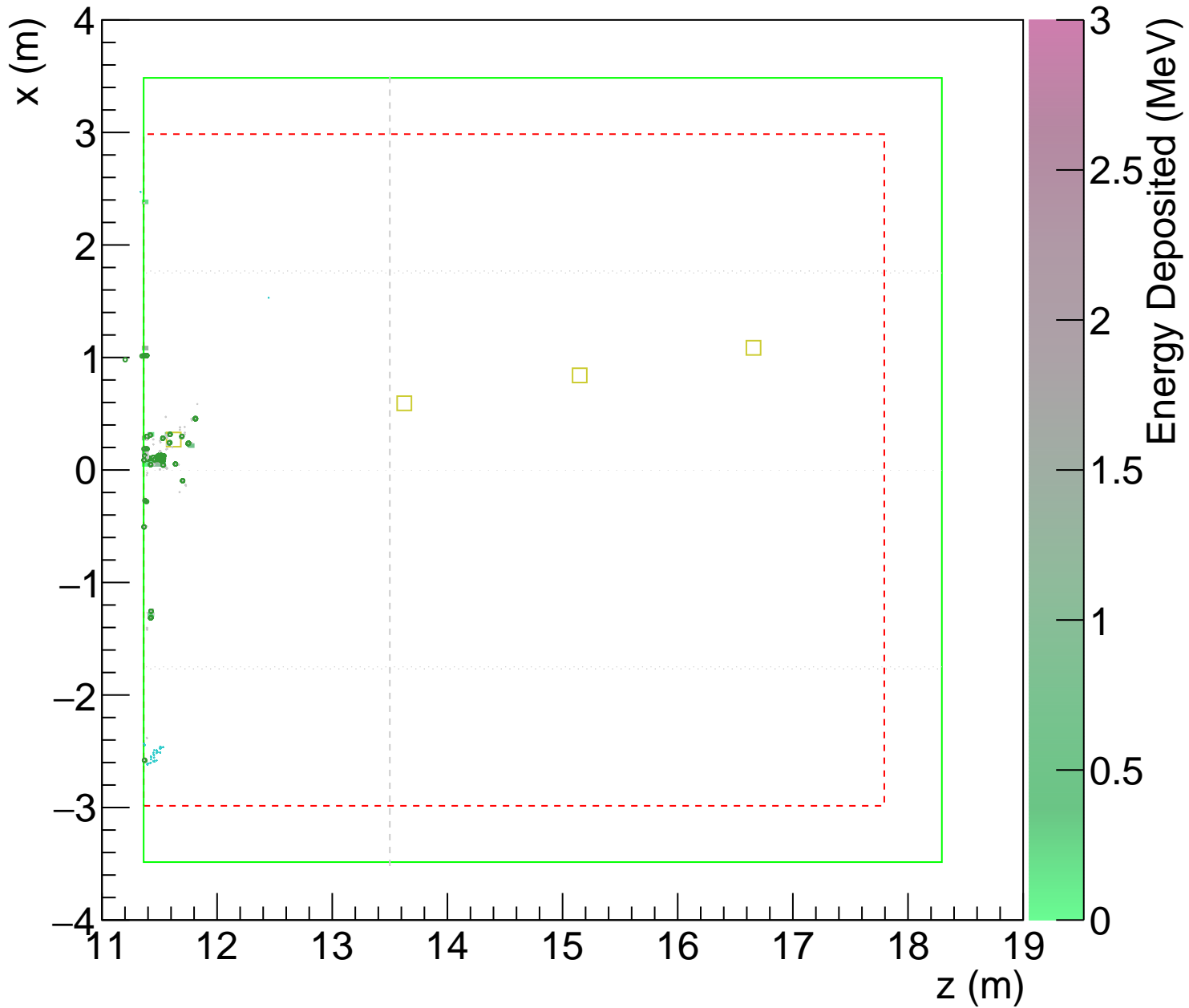
nLines: 0, nClusters: 1



Event 256, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.36$  GeV,  $E_{\mu}^{\text{true}}=6.01$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

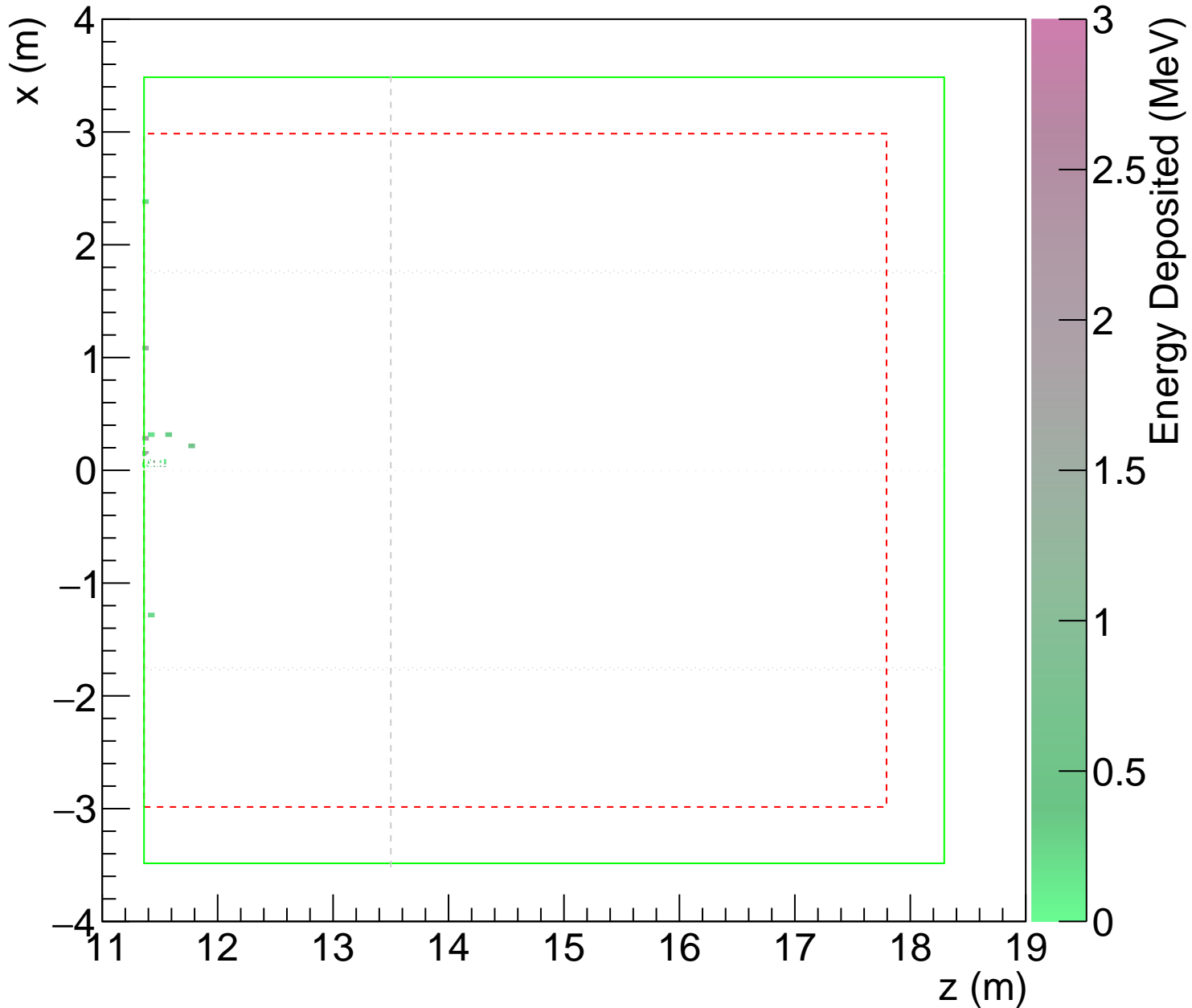


Event 256, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=13.36$  GeV,  $E_{\mu}^{\text{true}}=6.01$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

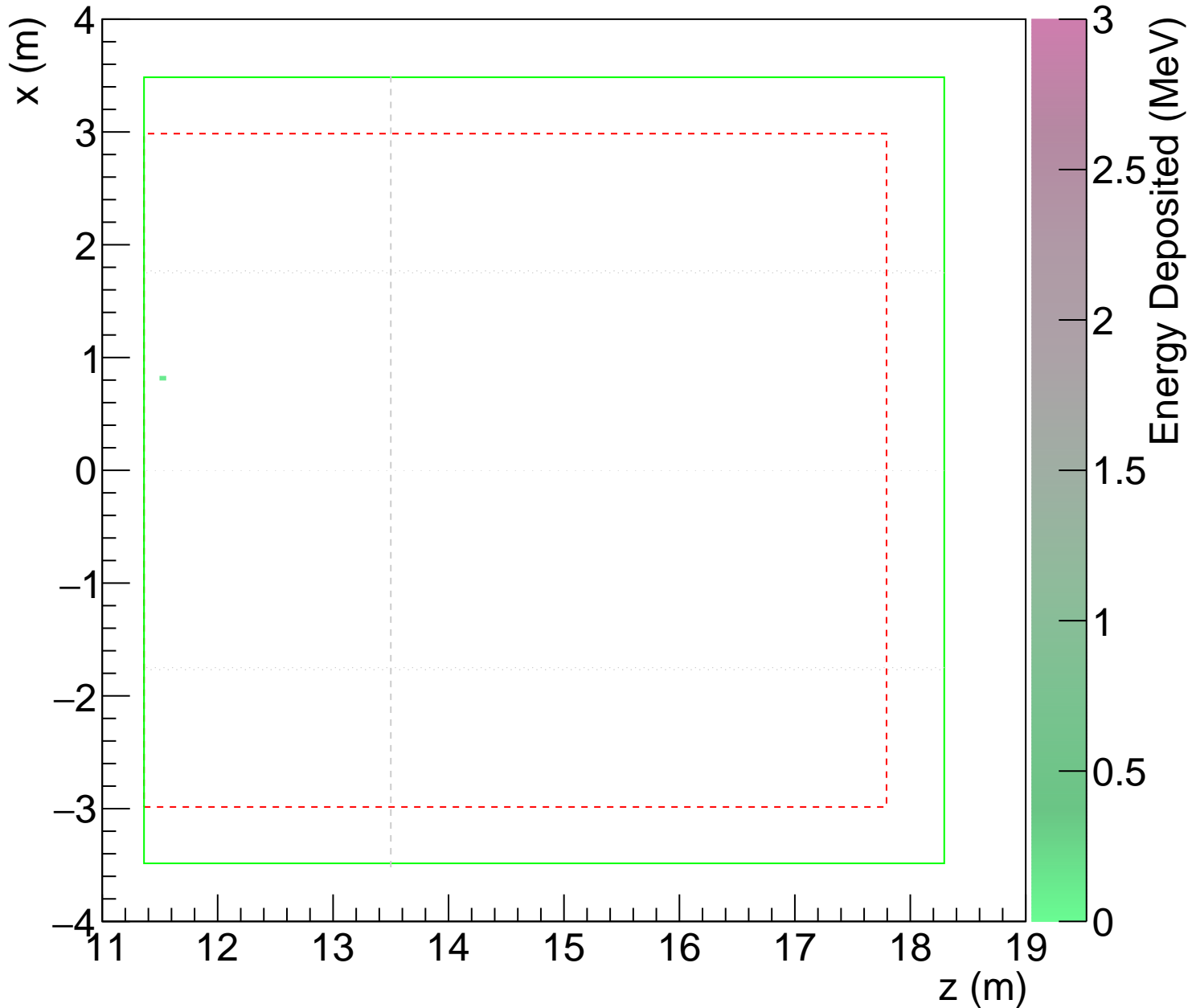


# Event 256 reconstructed

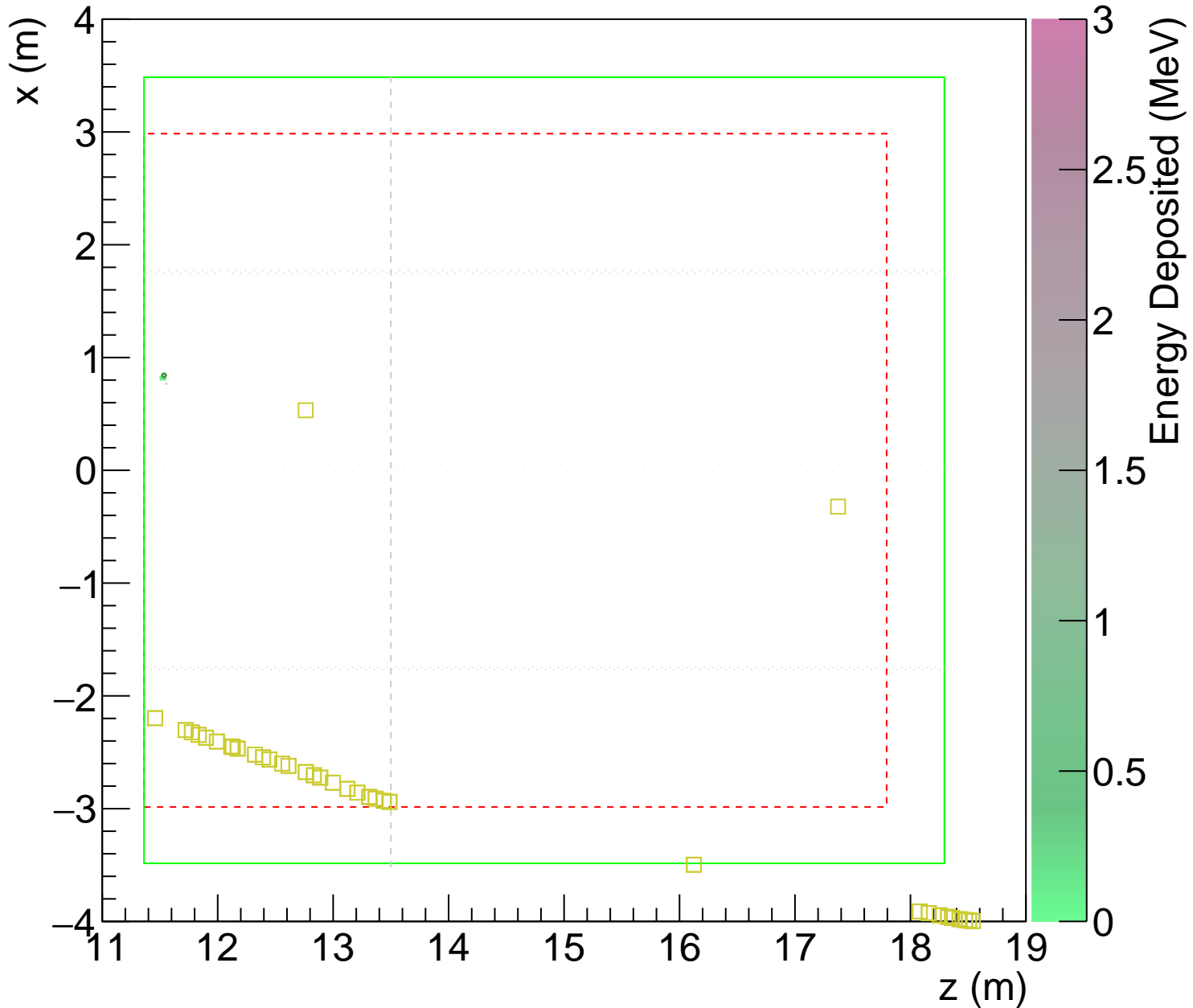
nLines: 0, nClusters: 1



Event 262, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.01$  GeV,  $E_{\mu}^{\text{true}}=2.45$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,



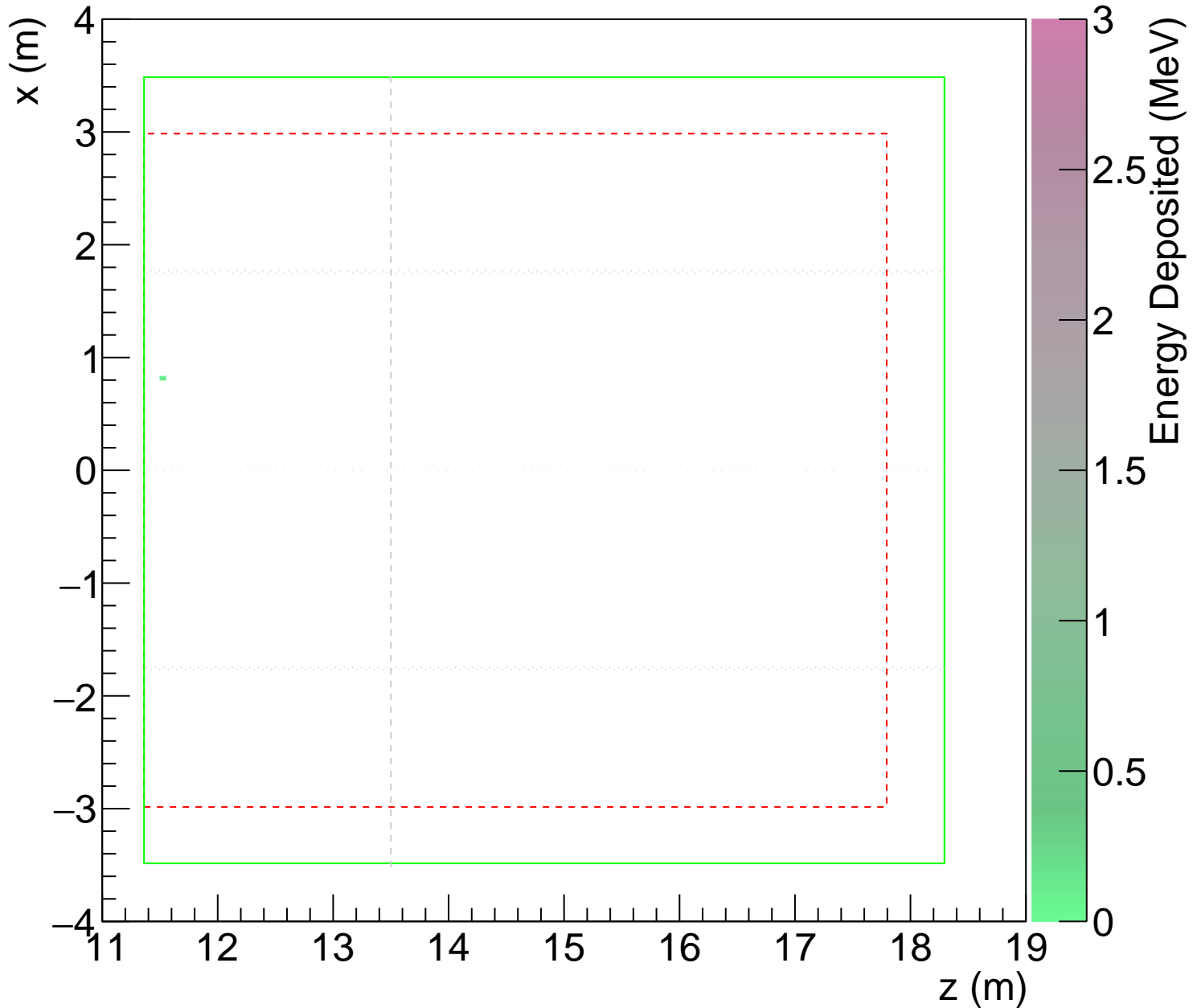
Event 262, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.01$  GeV,  $E_{\mu}^{\text{true}}=2.45$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,



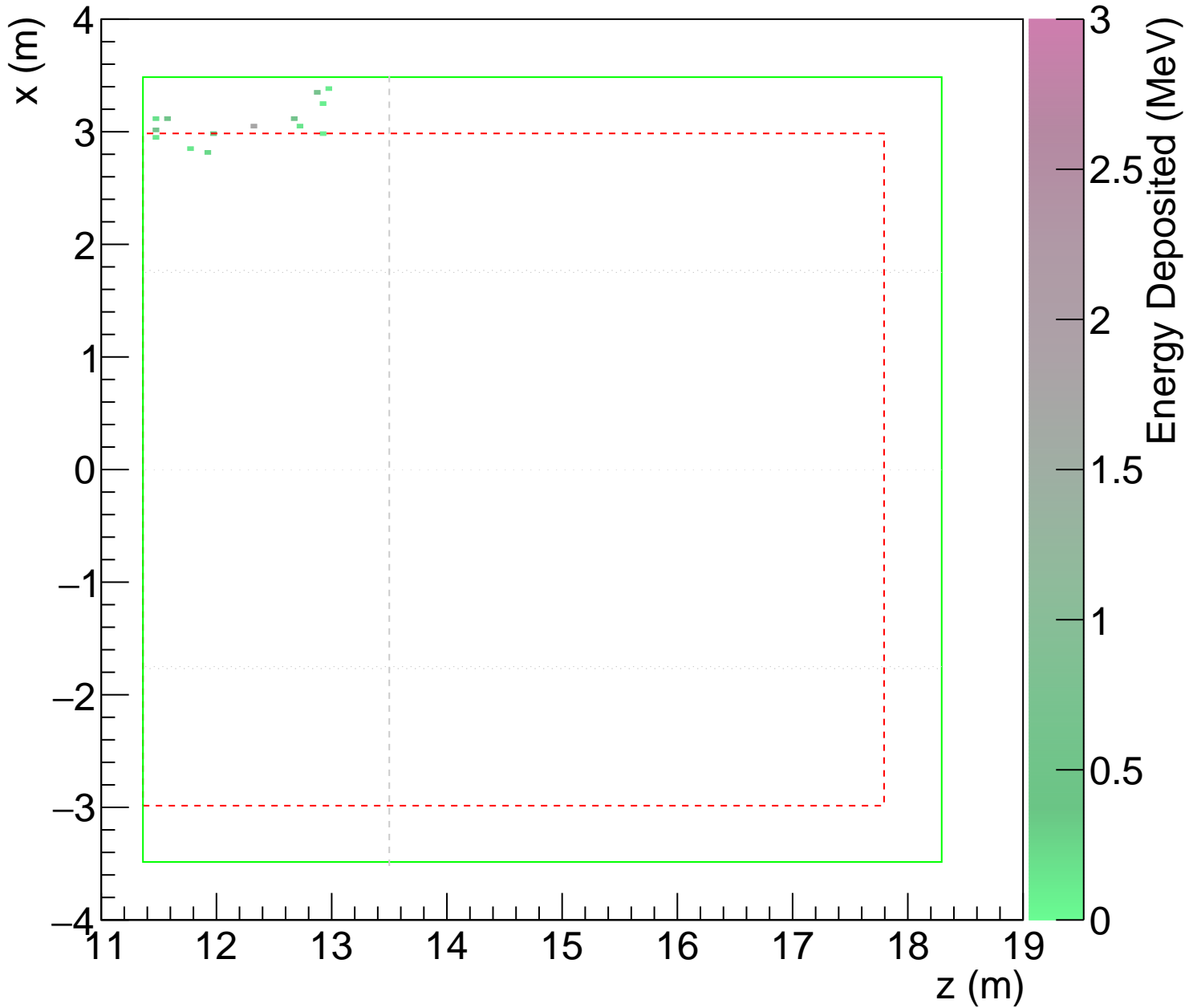


# Event 262 reconstructed

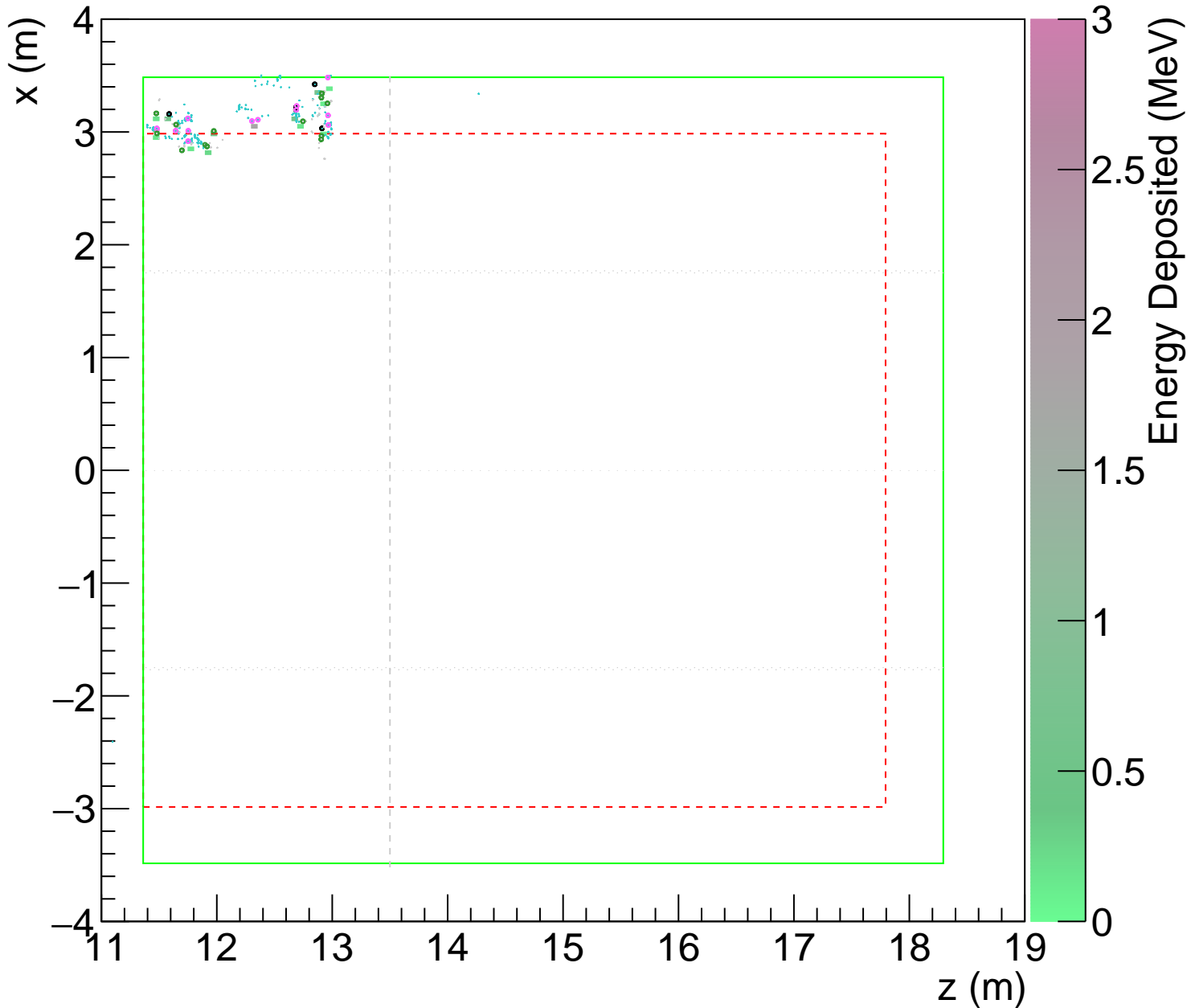
nLines: 0, nClusters: 0



Event 263, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.36$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

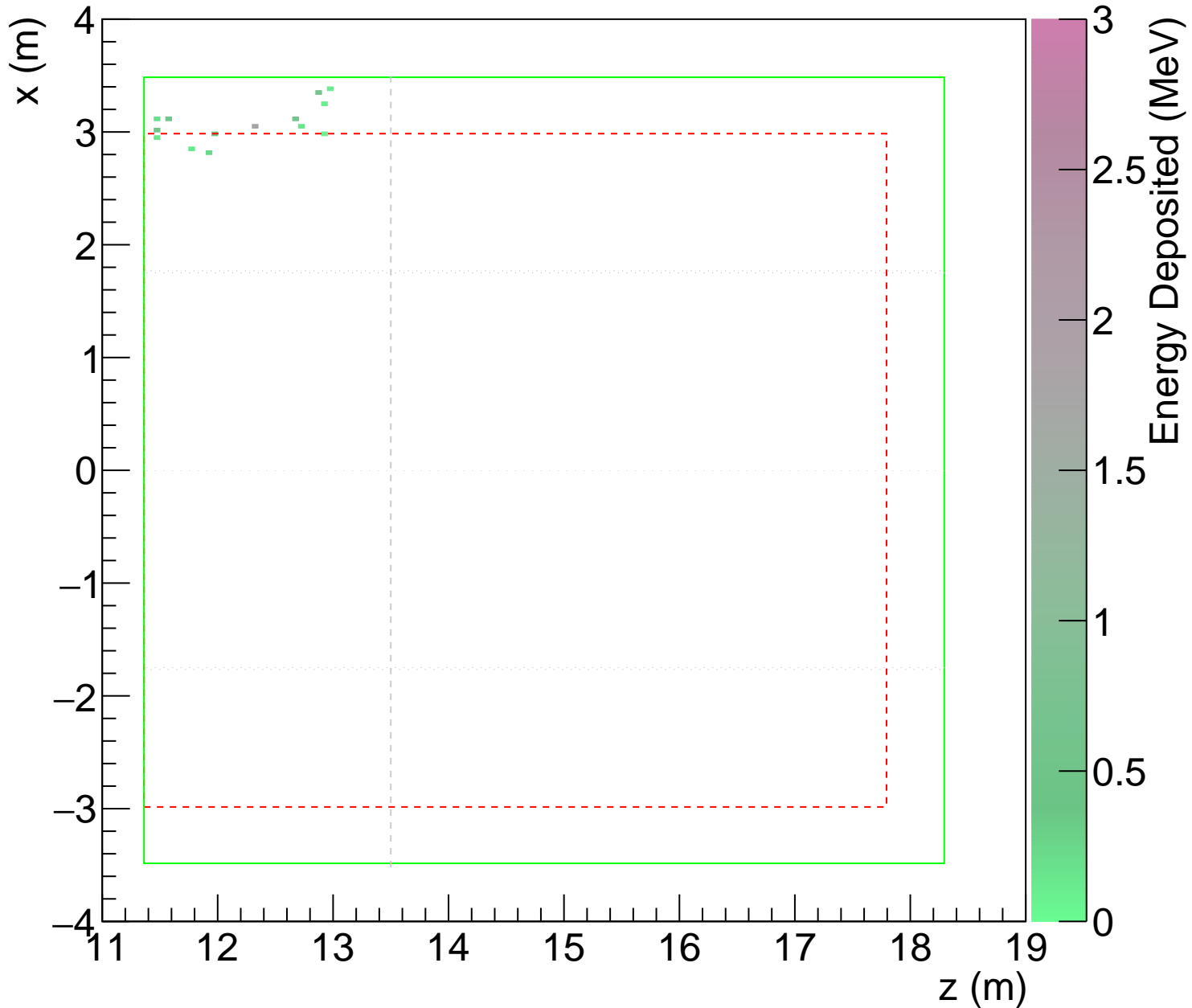


Event 263, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.36$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

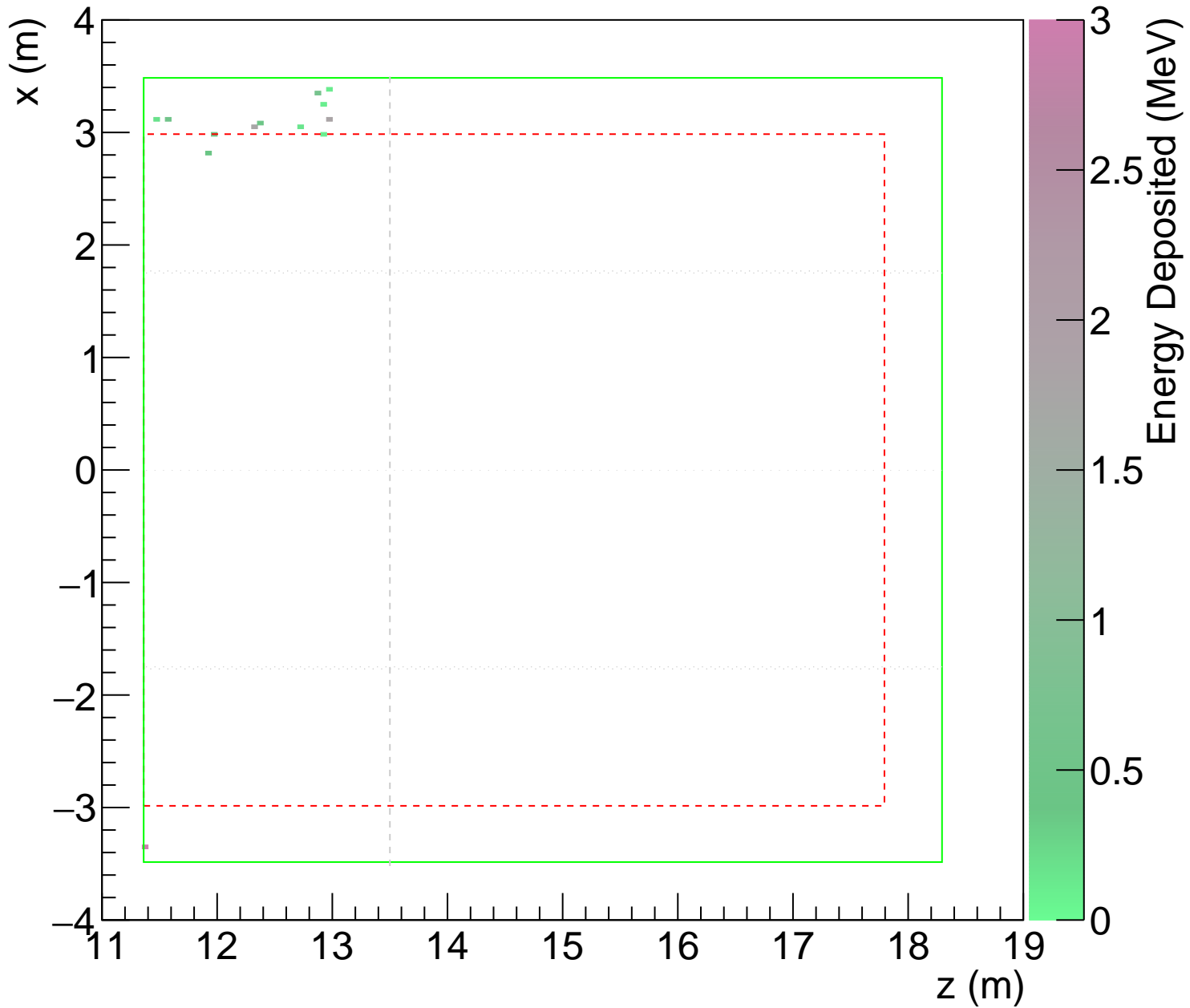


# Event 263 reconstructed

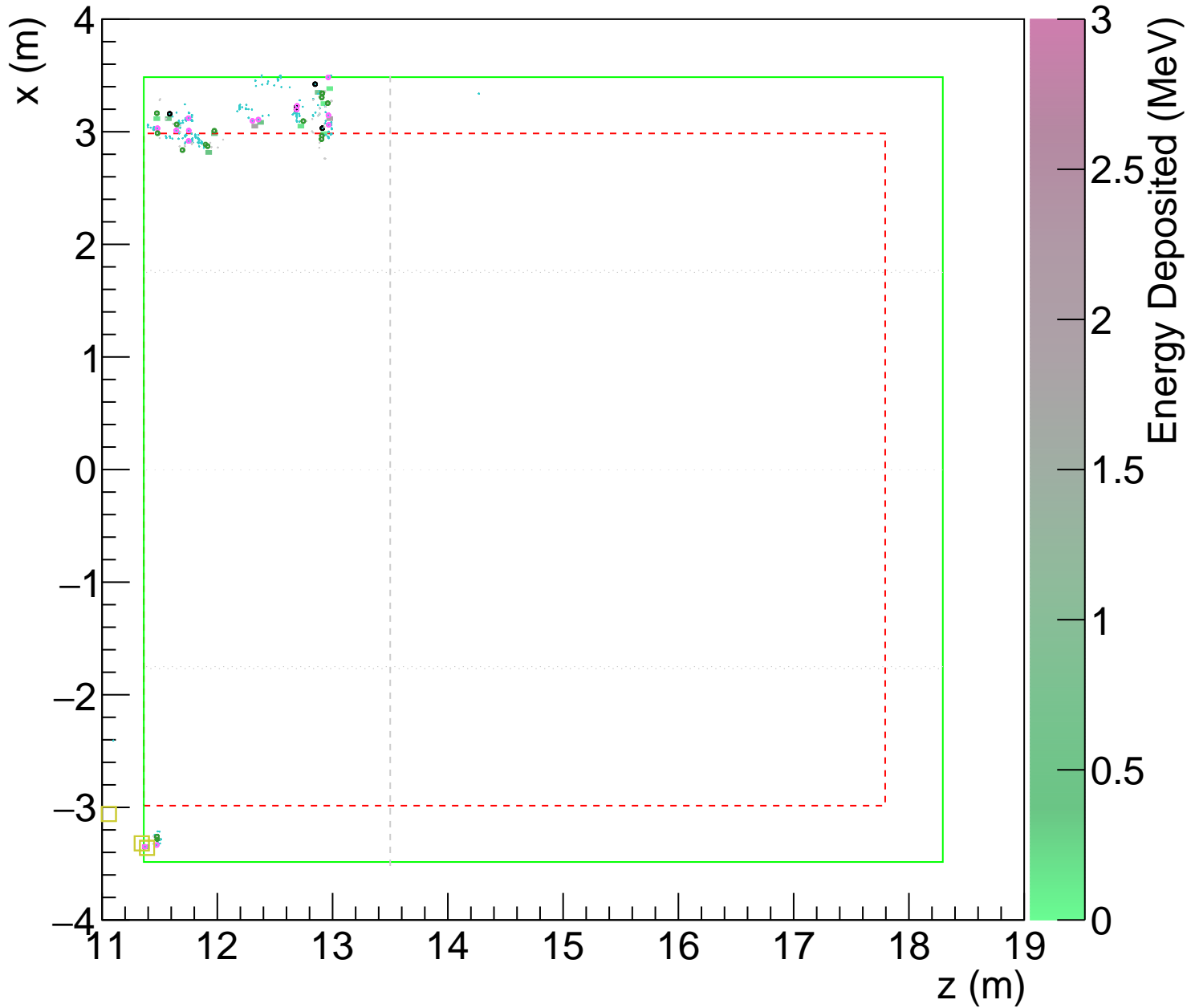
nLines: 0, nClusters: 0



Event 264, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.72$  GeV,  $E_{\mu}^{\text{true}}=0.42$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

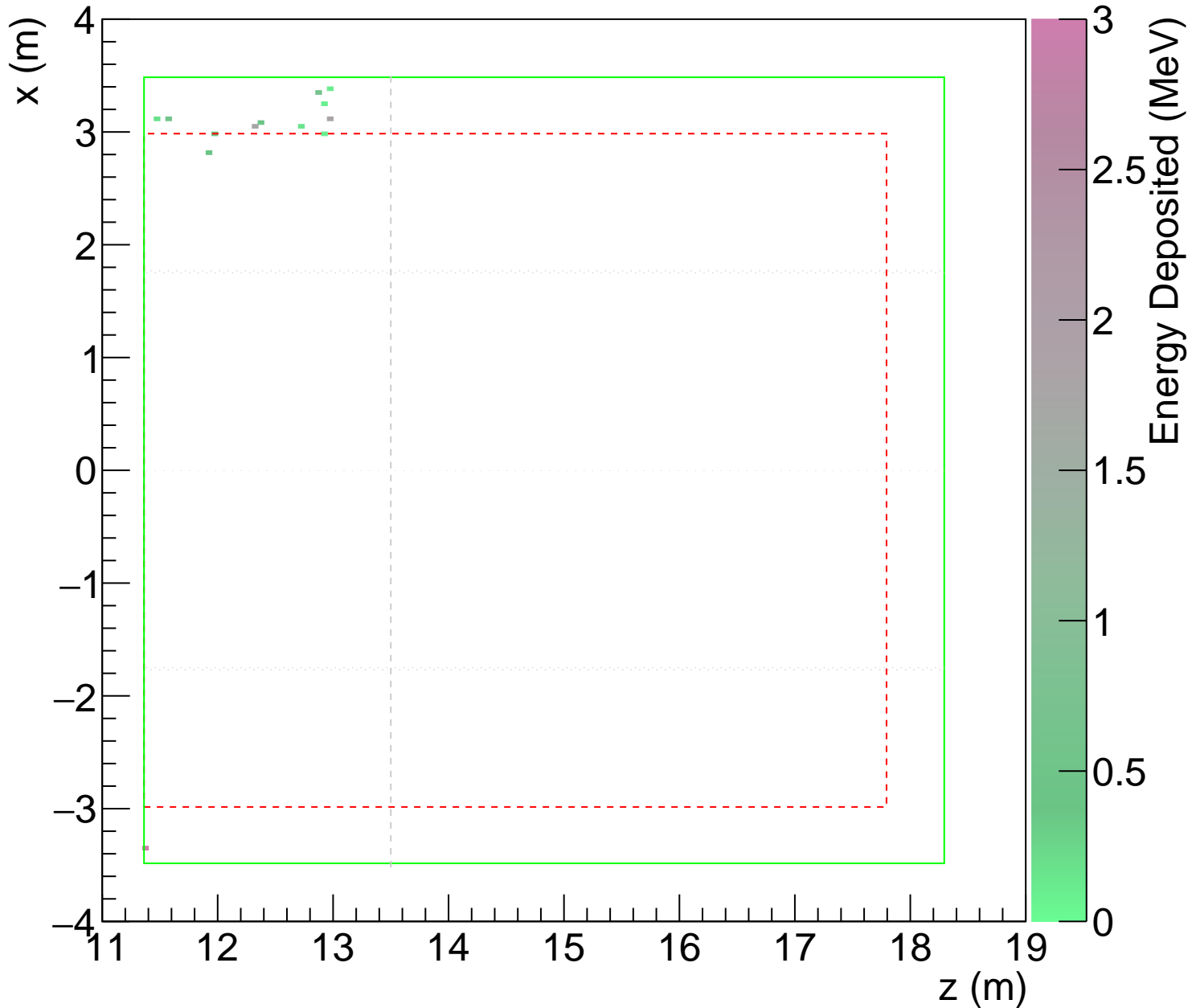


Event 264, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.72$  GeV,  $E_{\mu}^{\text{true}}=0.42$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

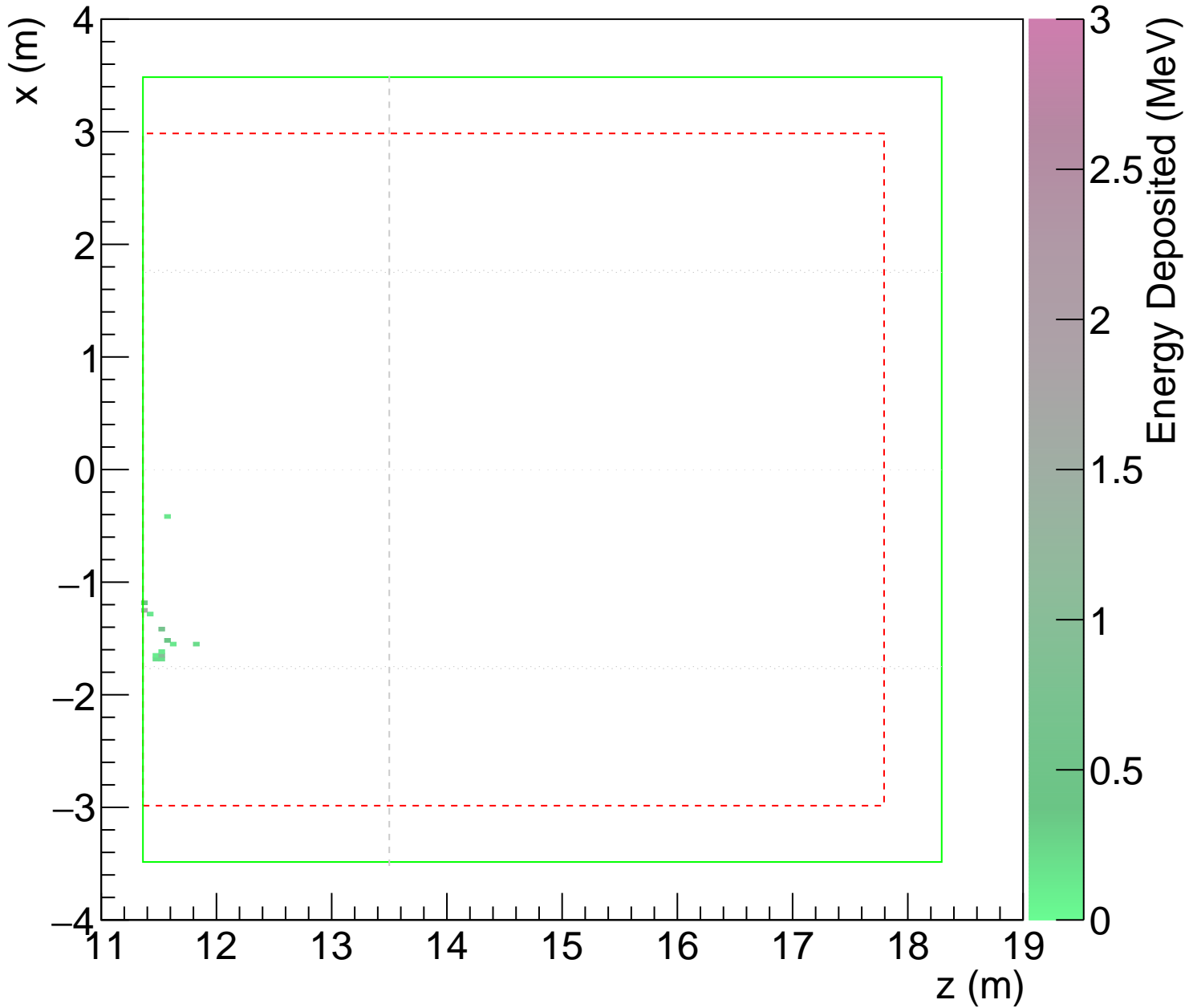


# Event 264 reconstructed

nLines: 0, nClusters: 0

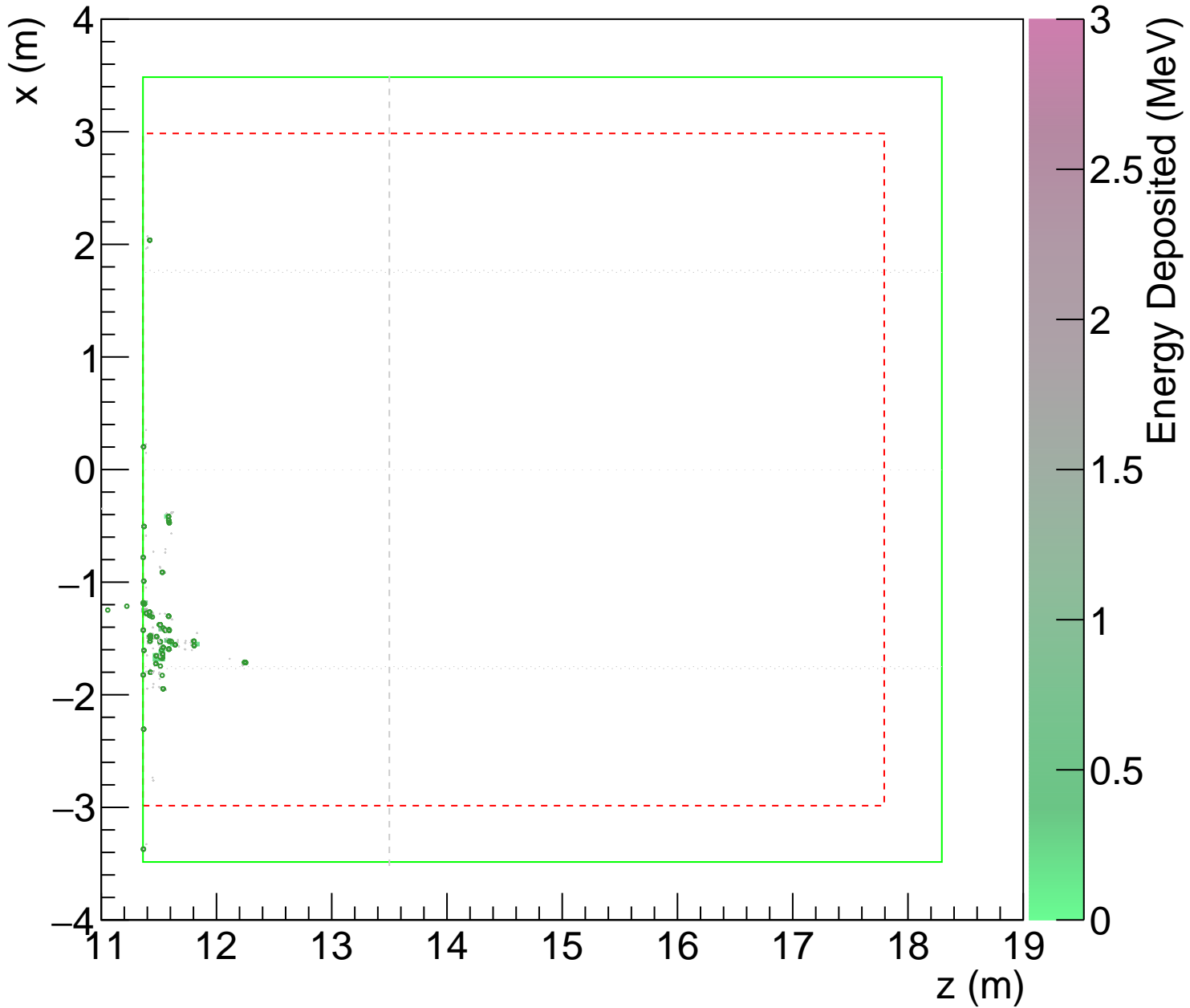


Event 265, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=4.50$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,proc:Weak[CC],QES,



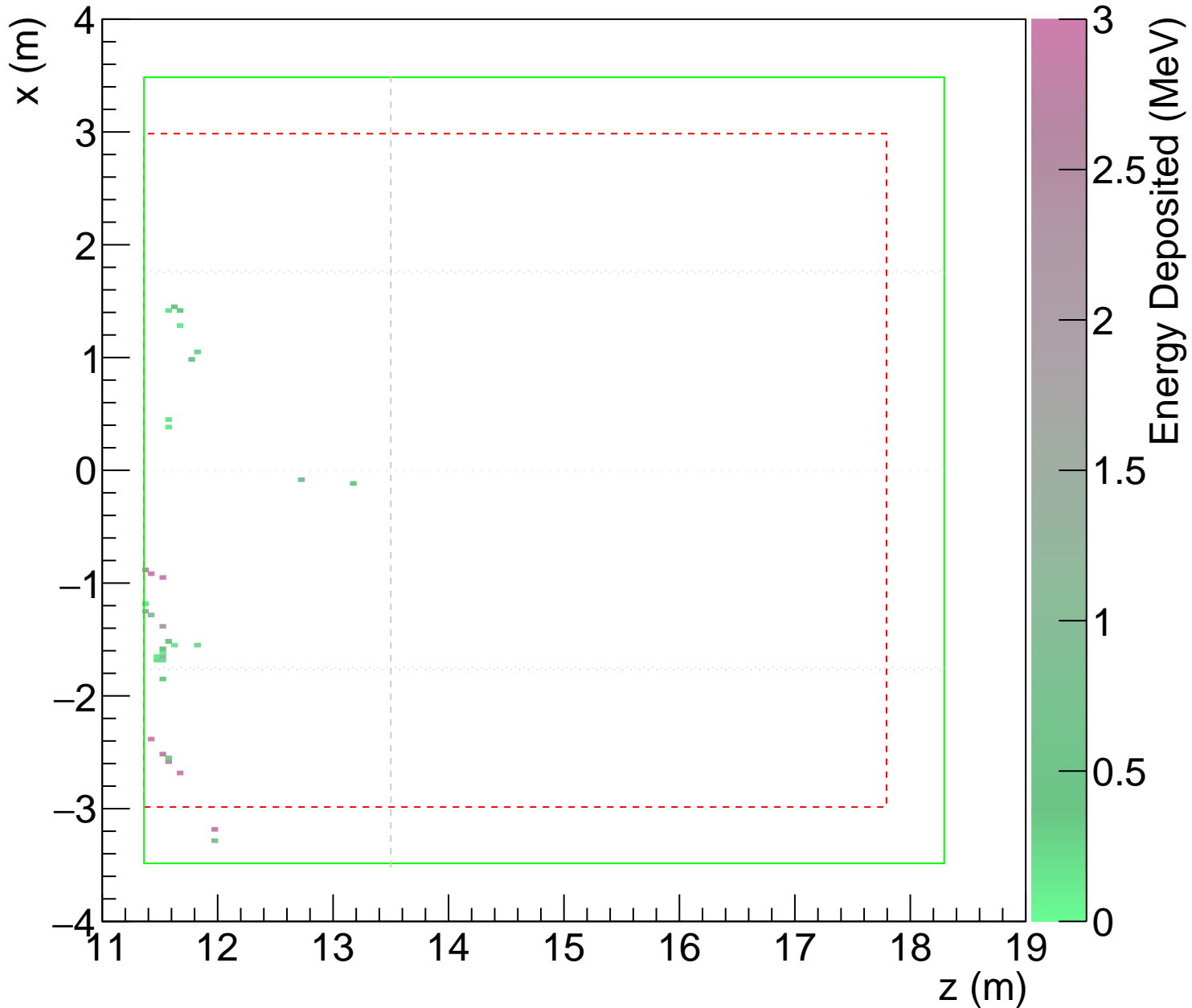


Event 265, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=4.50$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,proc:Weak[CC],QES,

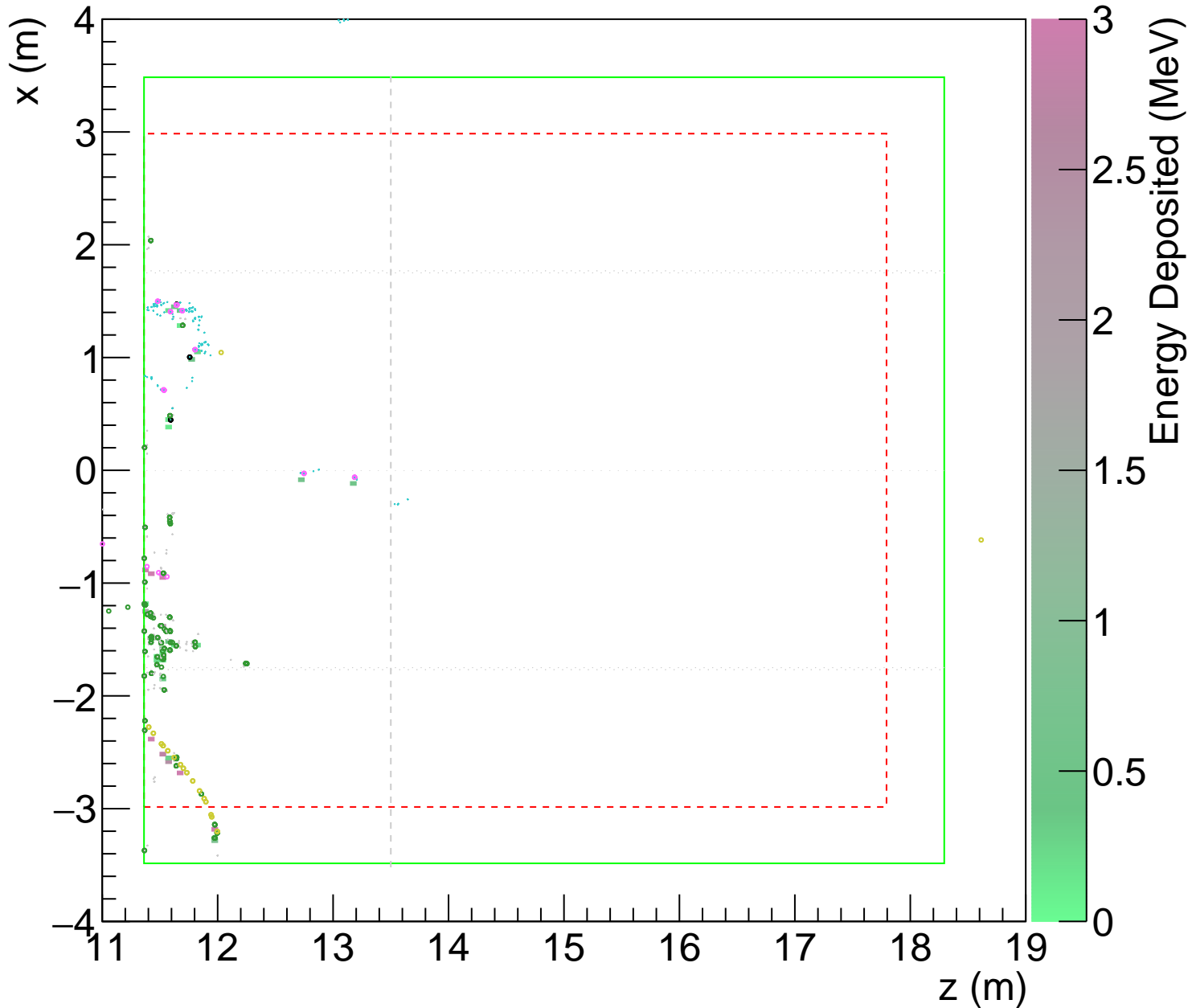




Event 266, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=21.11$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:2( $\nu$ ),proc:Weak[NC],DIS,

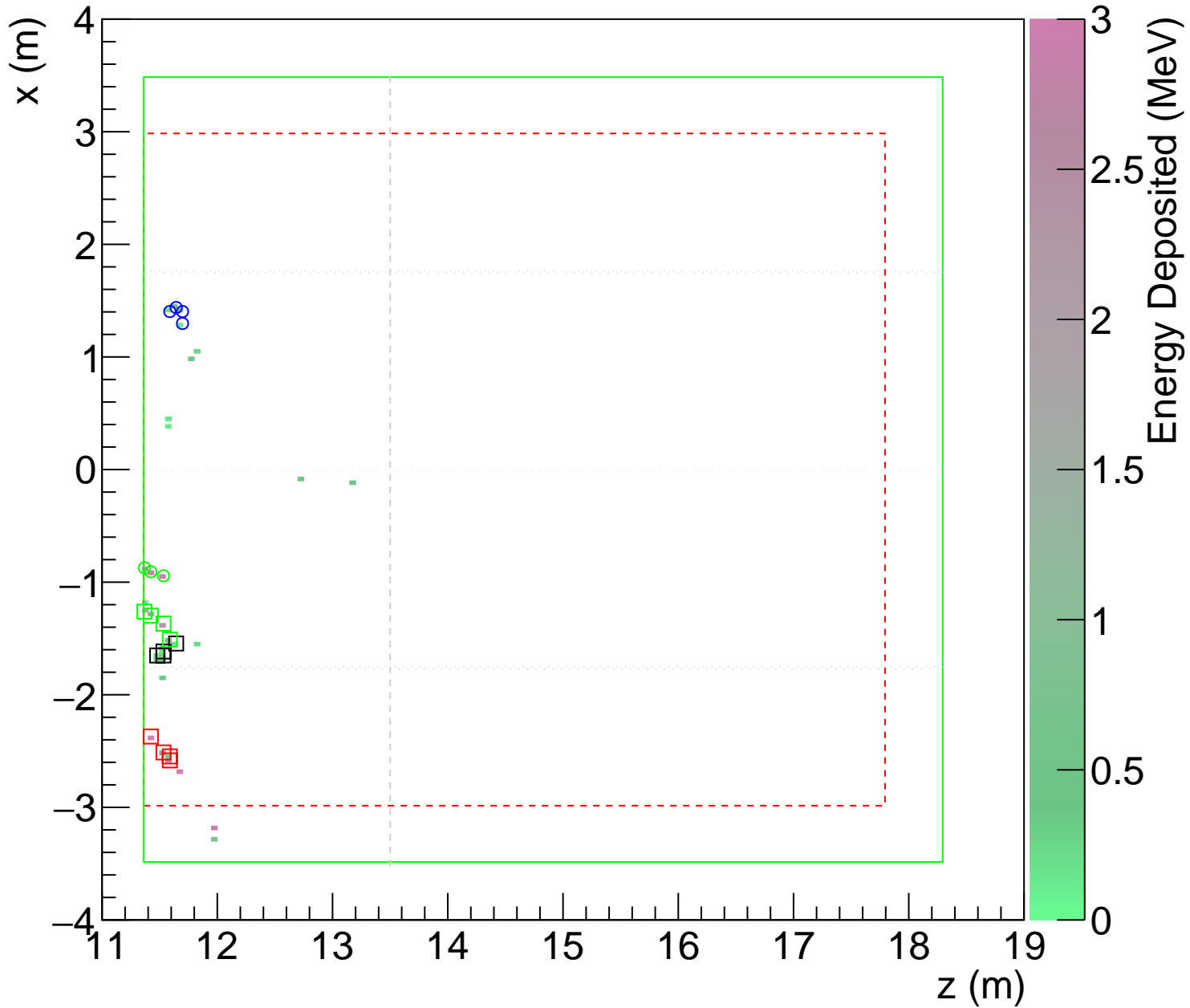


Event 266, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=21.11$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:2(v),proc:Weak[NC],DIS,

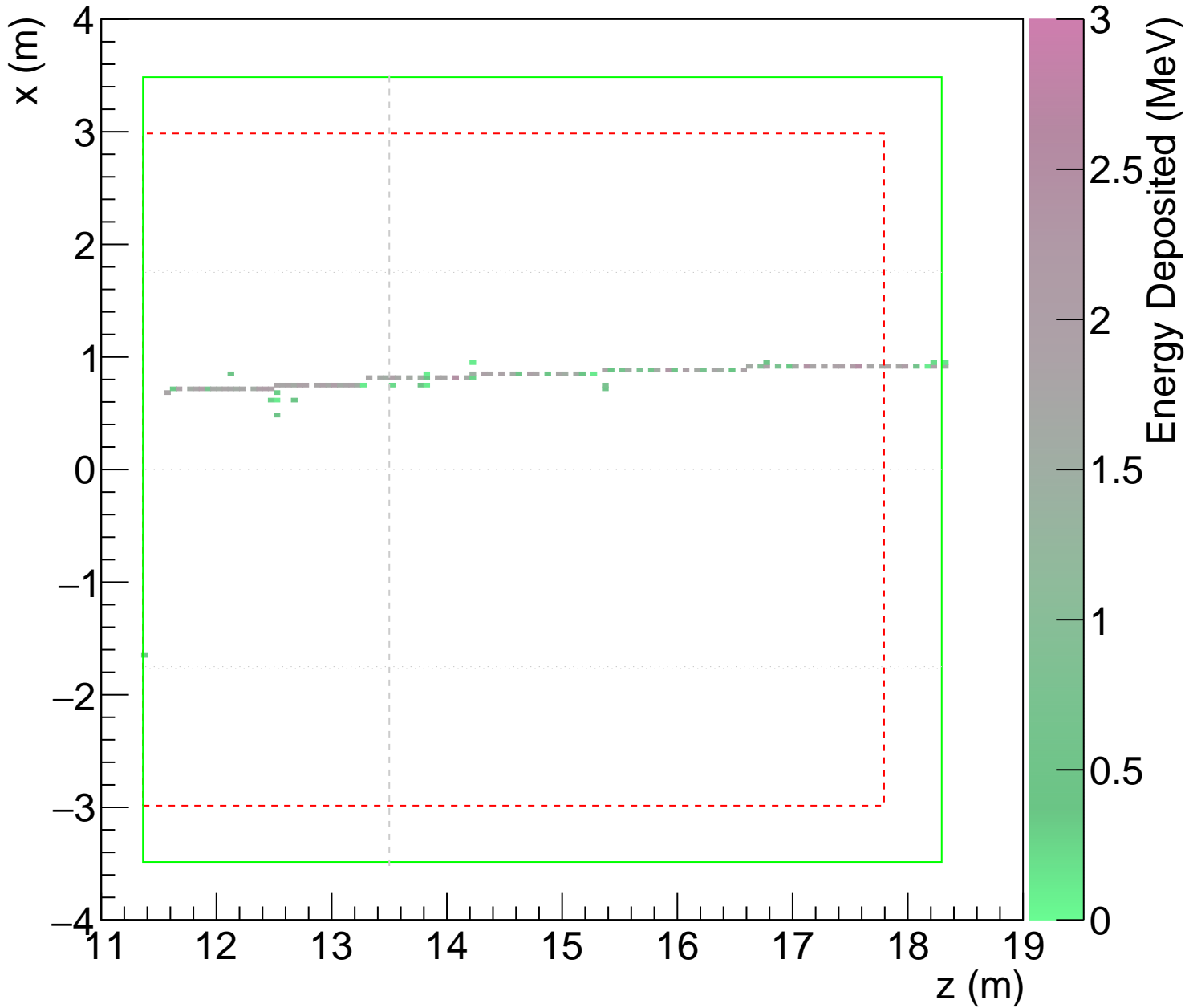


# Event 266 reconstructed

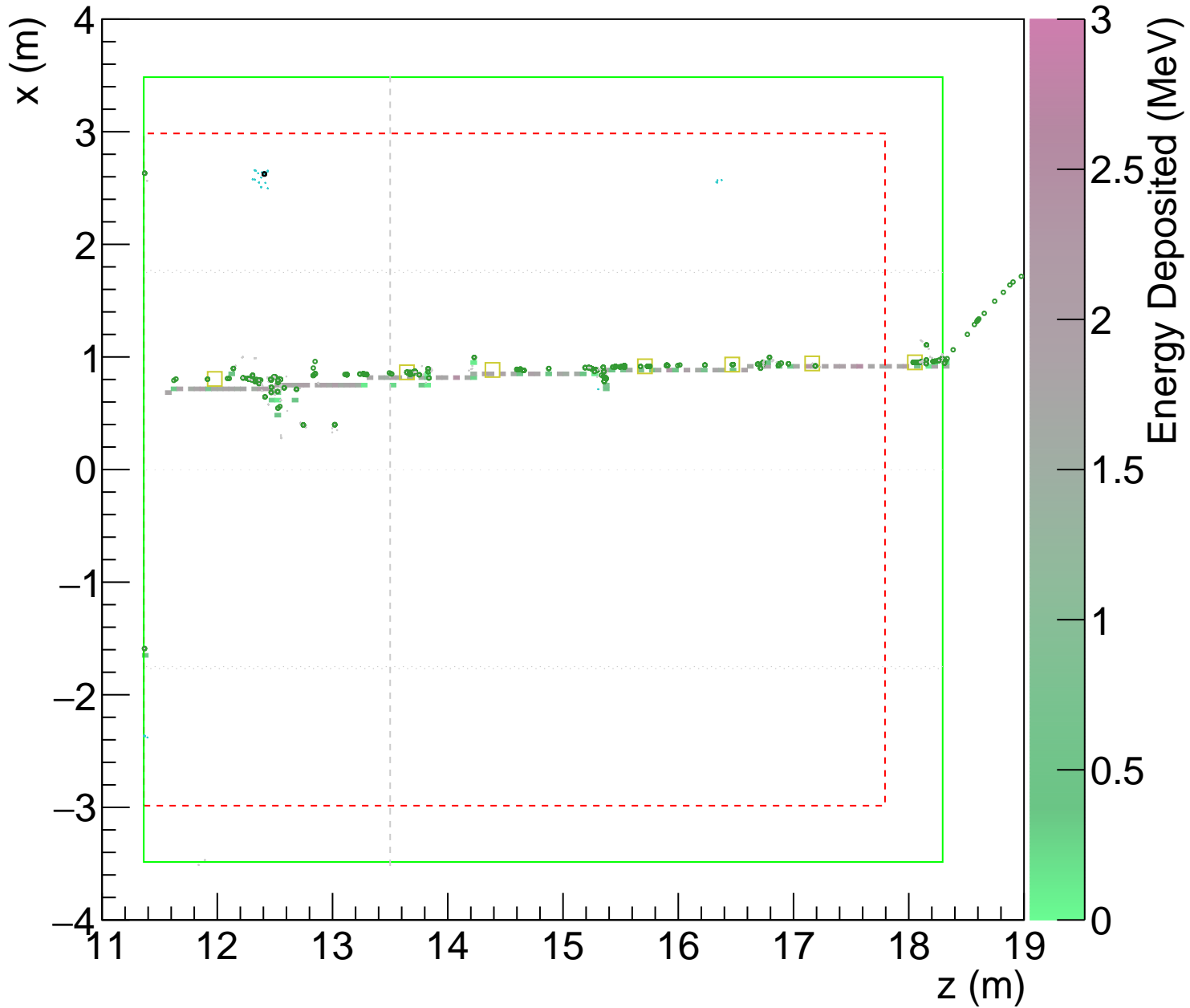
nLines: 3, nClusters: 2



Event 272, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=57.15$  GeV,  $E_{\mu}^{\text{true}}=35.71$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

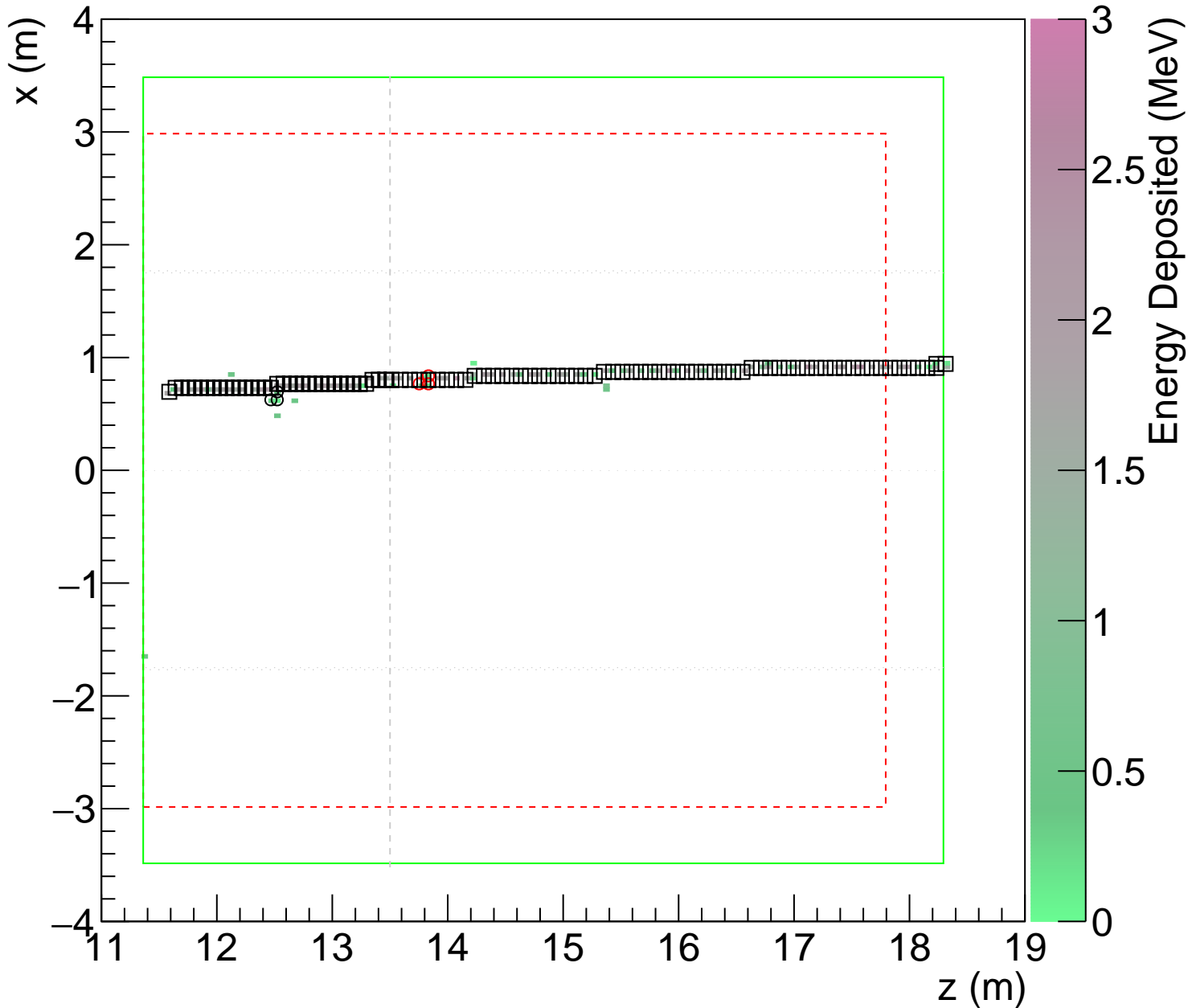


Event 272, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=57.15$  GeV,  $E_{\mu}^{\text{true}}=35.71$  GeV  
nu:14,tgt:1000240520,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



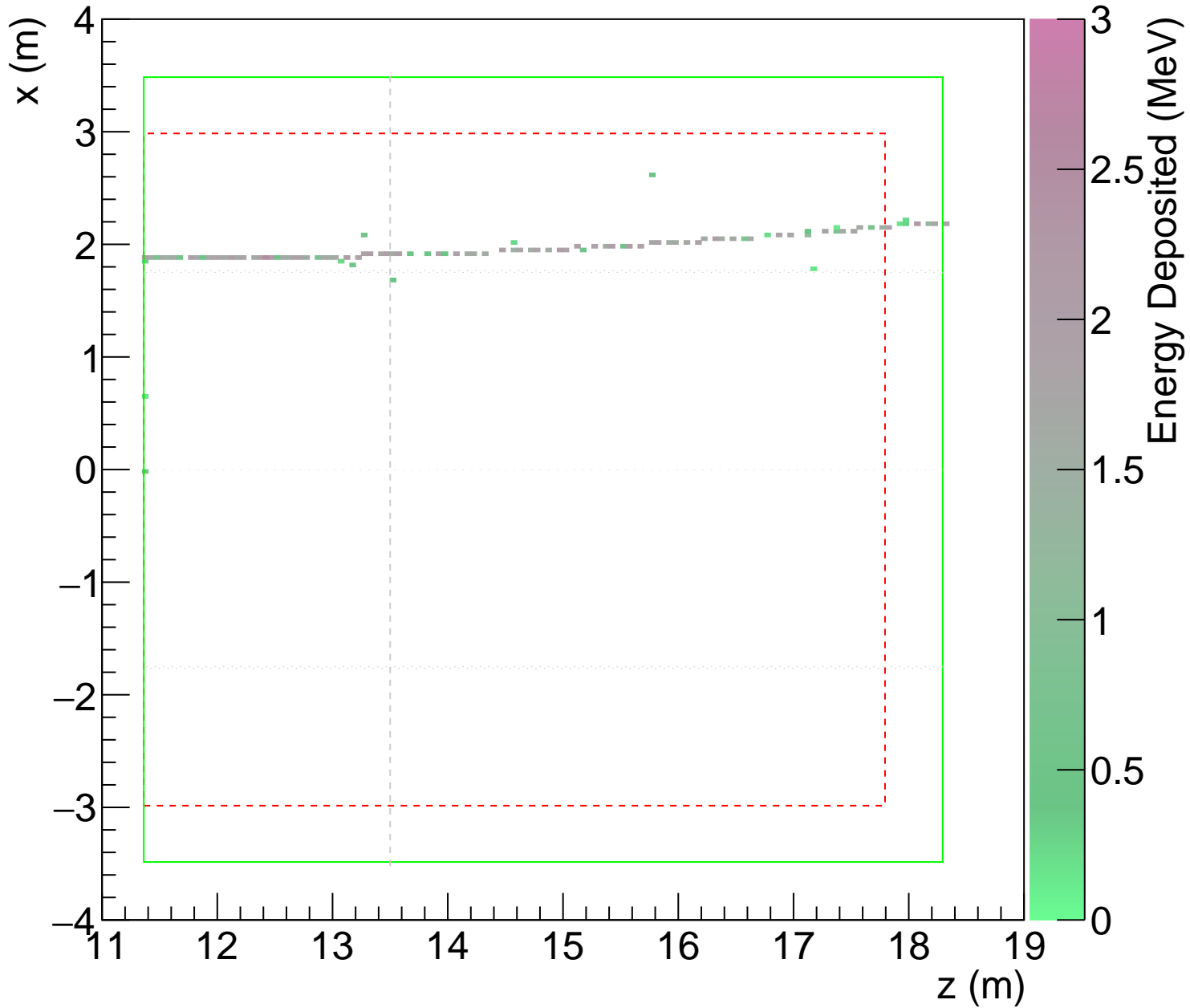
# Event 272 reconstructed

nLines: 1, nClusters: 2

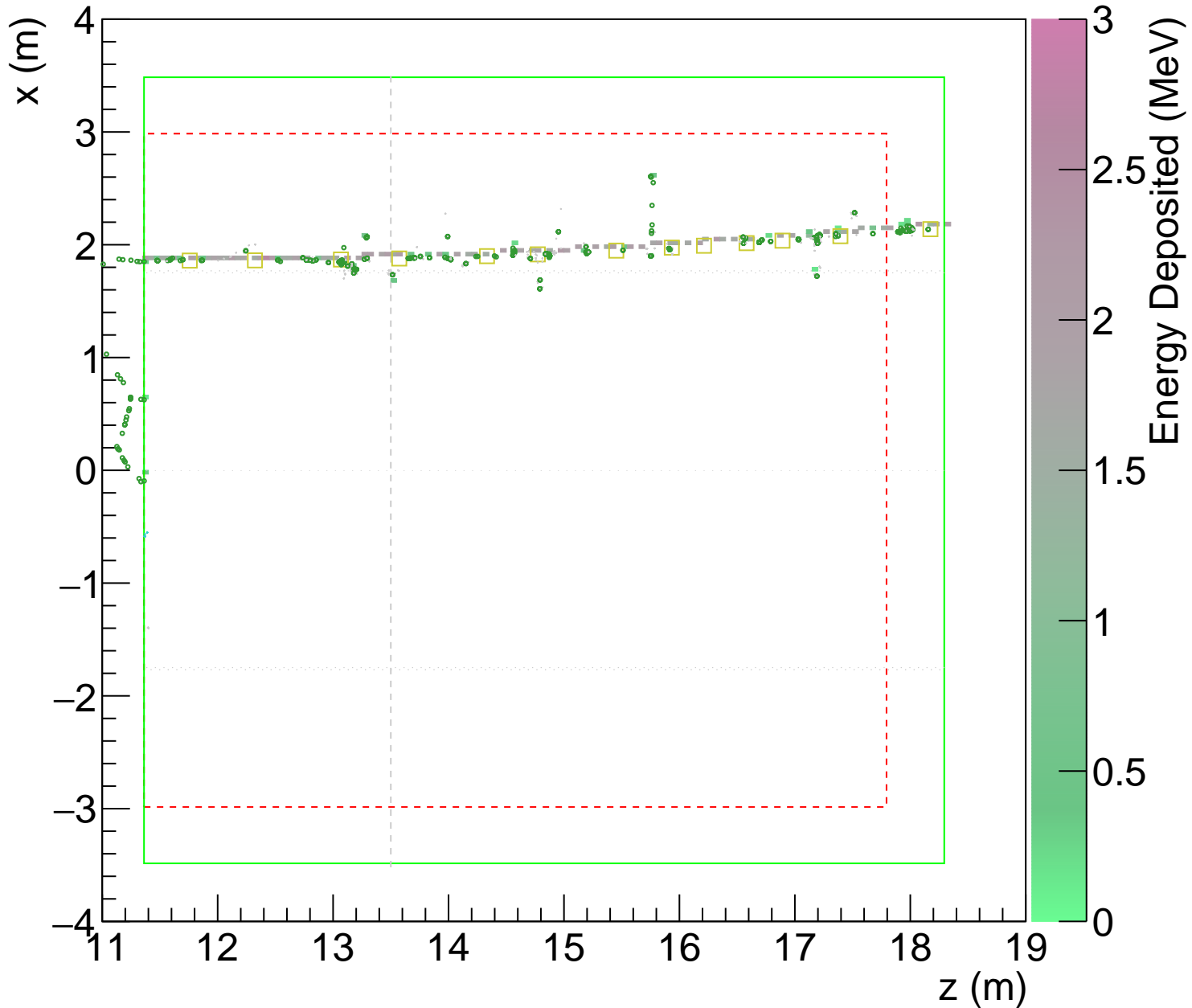




Event 274, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.53$  GeV,  $E_{\mu}^{\text{true}}=11.38$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

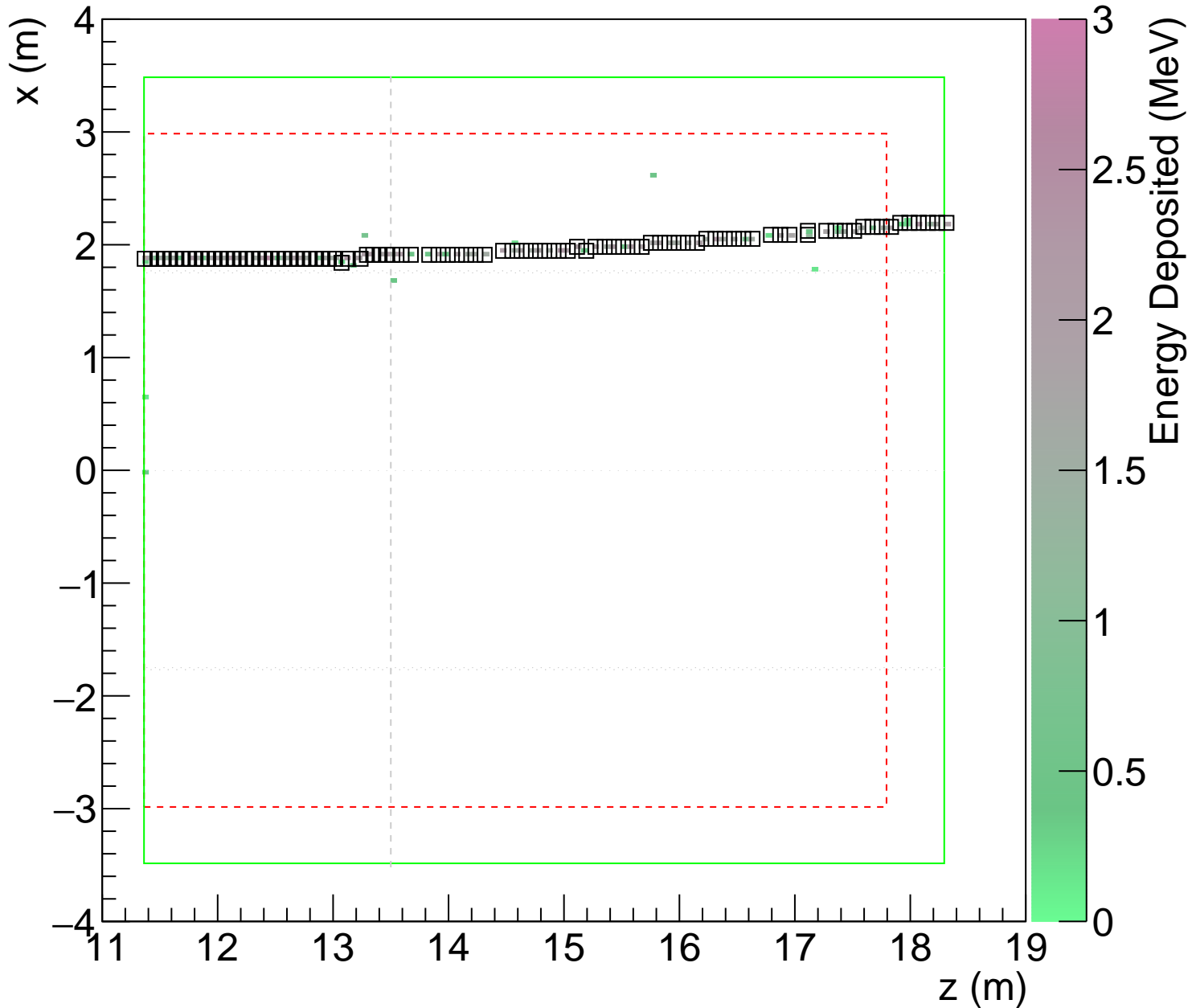


Event 274, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.53$  GeV,  $E_{\mu}^{\text{true}}=11.38$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

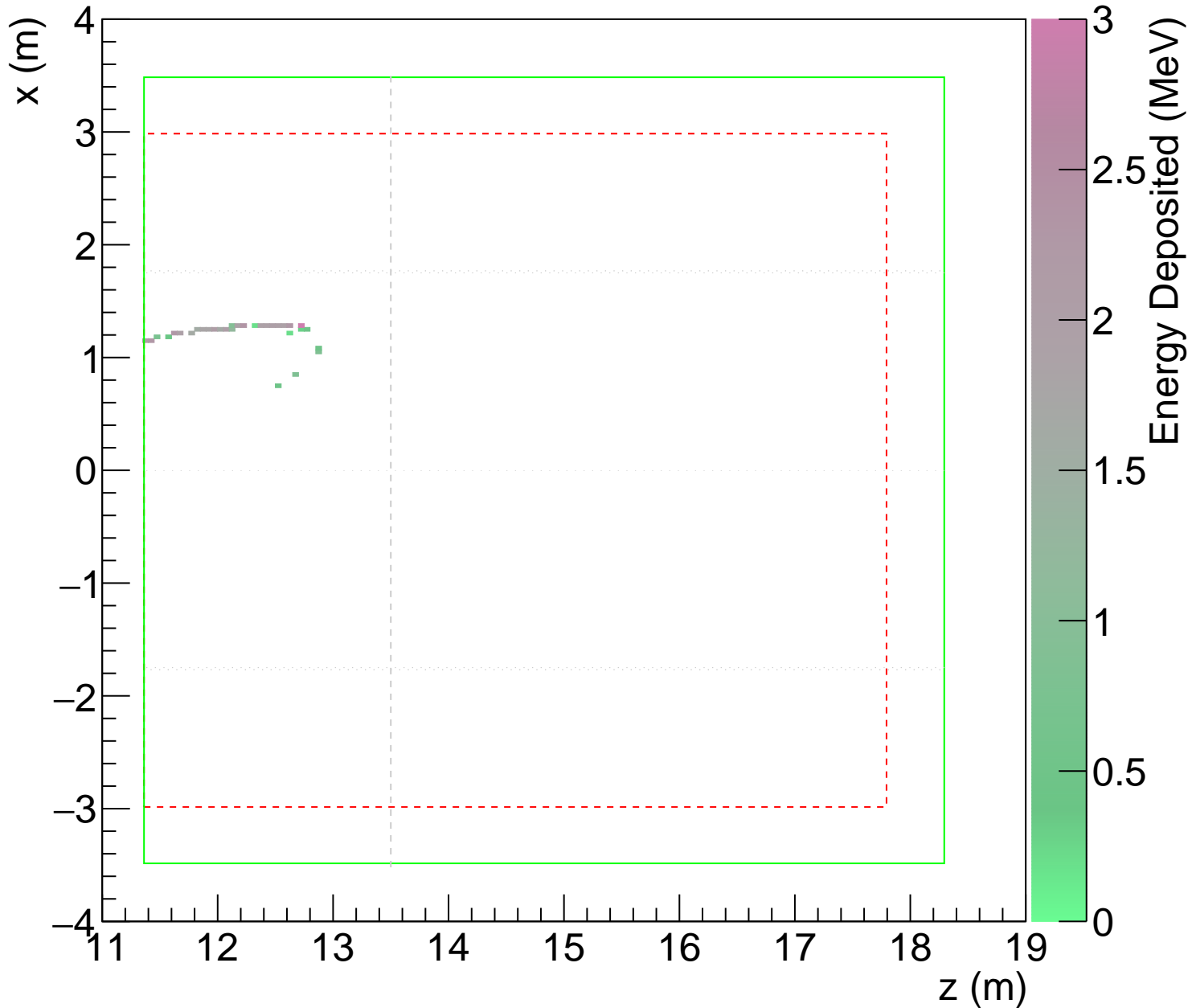


# Event 274 reconstructed

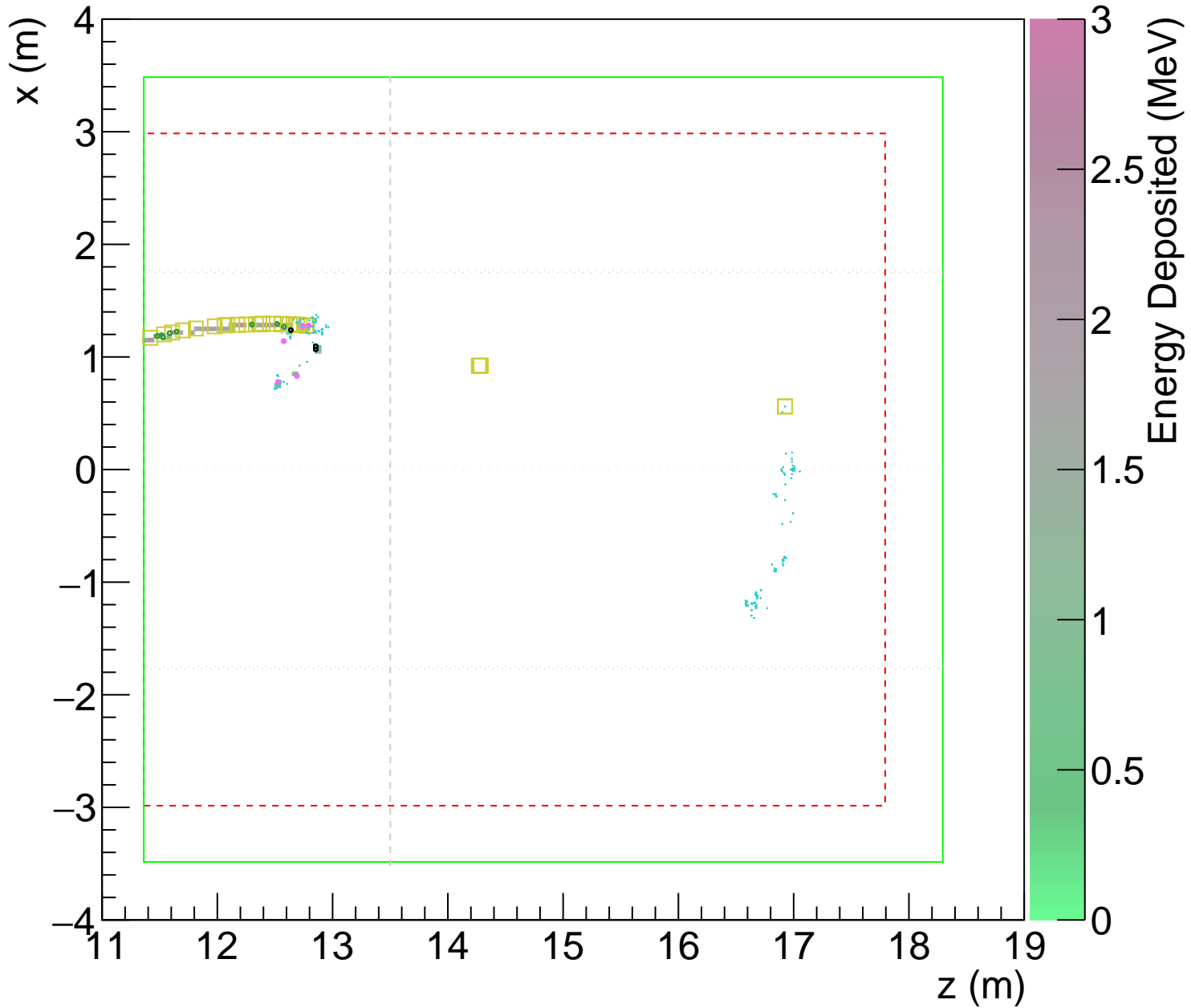
nLines: 1, nClusters: 0



Event 276, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.46$  GeV,  $E_{\mu}^{\text{true}}=2.68$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

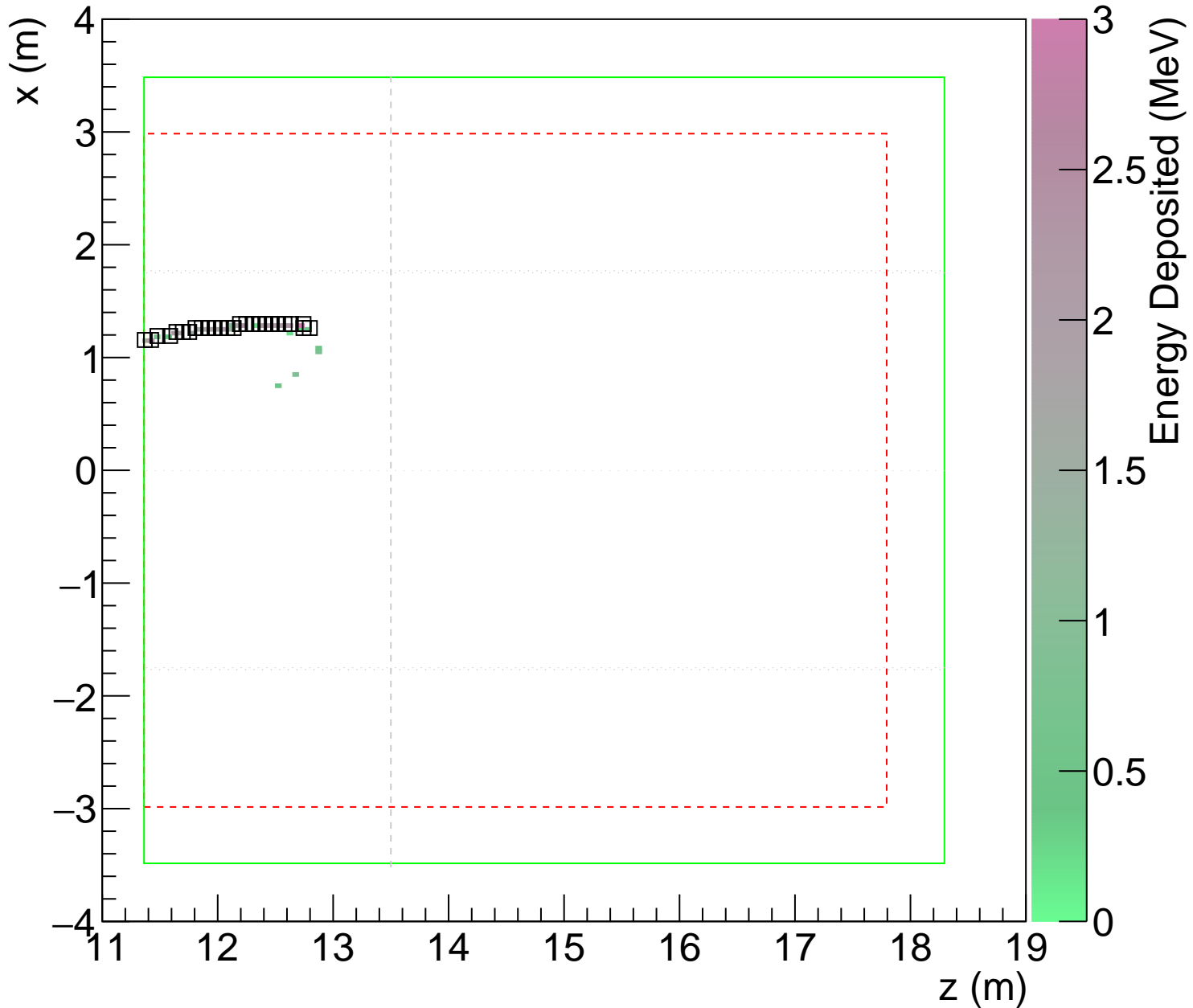


Event 276, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.46$  GeV,  $E_{\mu}^{\text{true}}=2.68$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

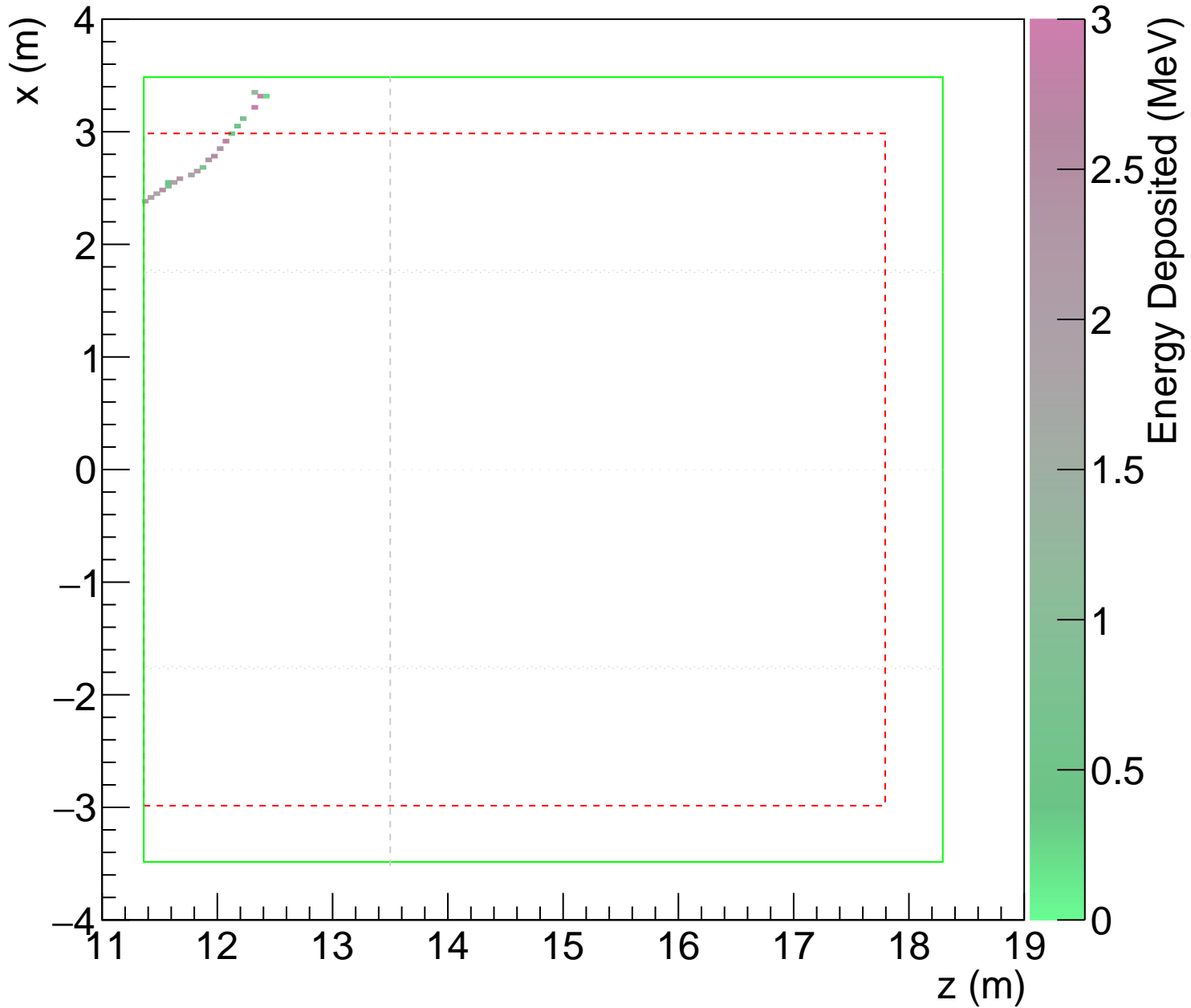


# Event 276 reconstructed

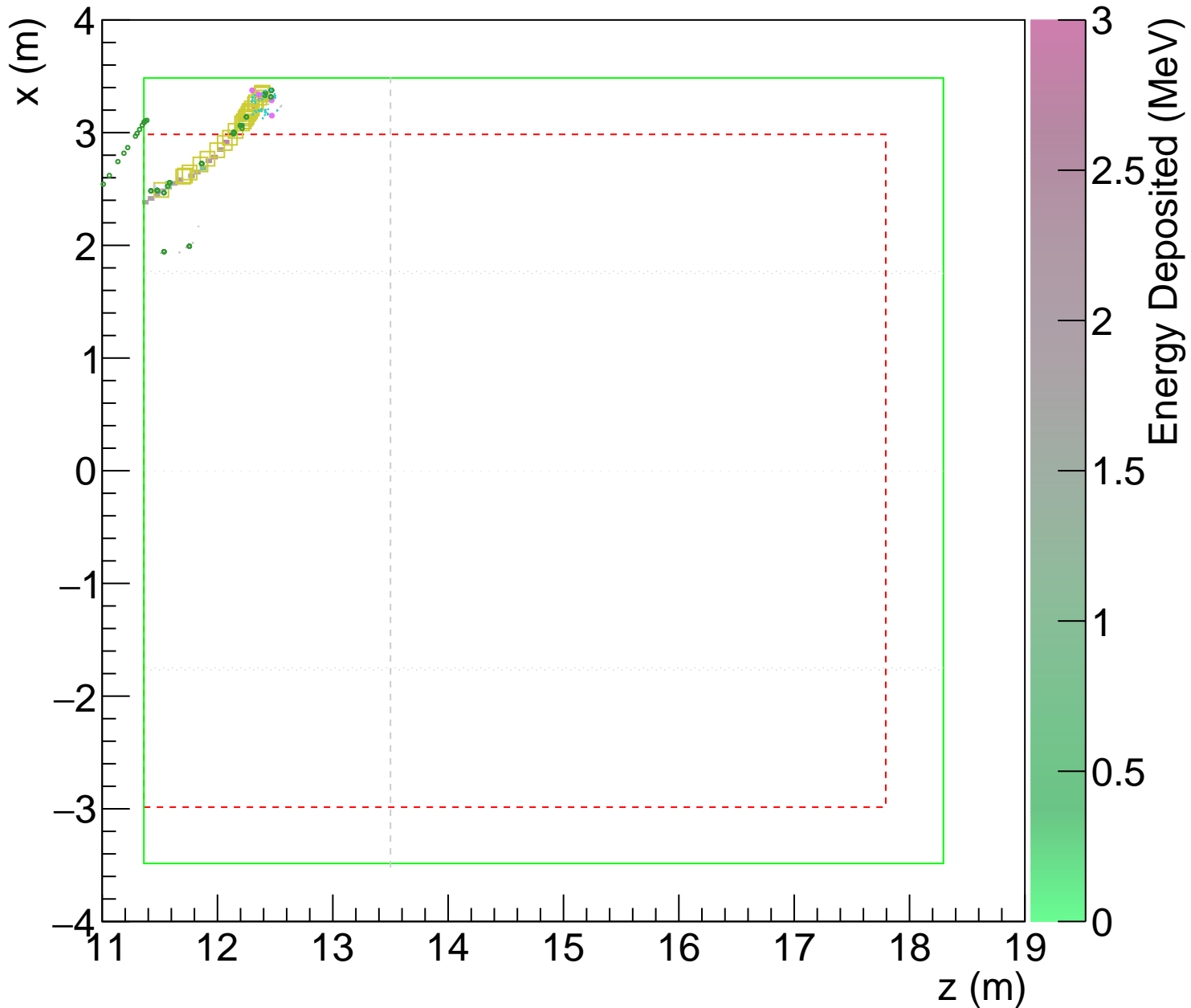
nLines: 1, nClusters: 0



Event 279, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.02$  GeV,  $E_{\mu}^{\text{true}}=1.52$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



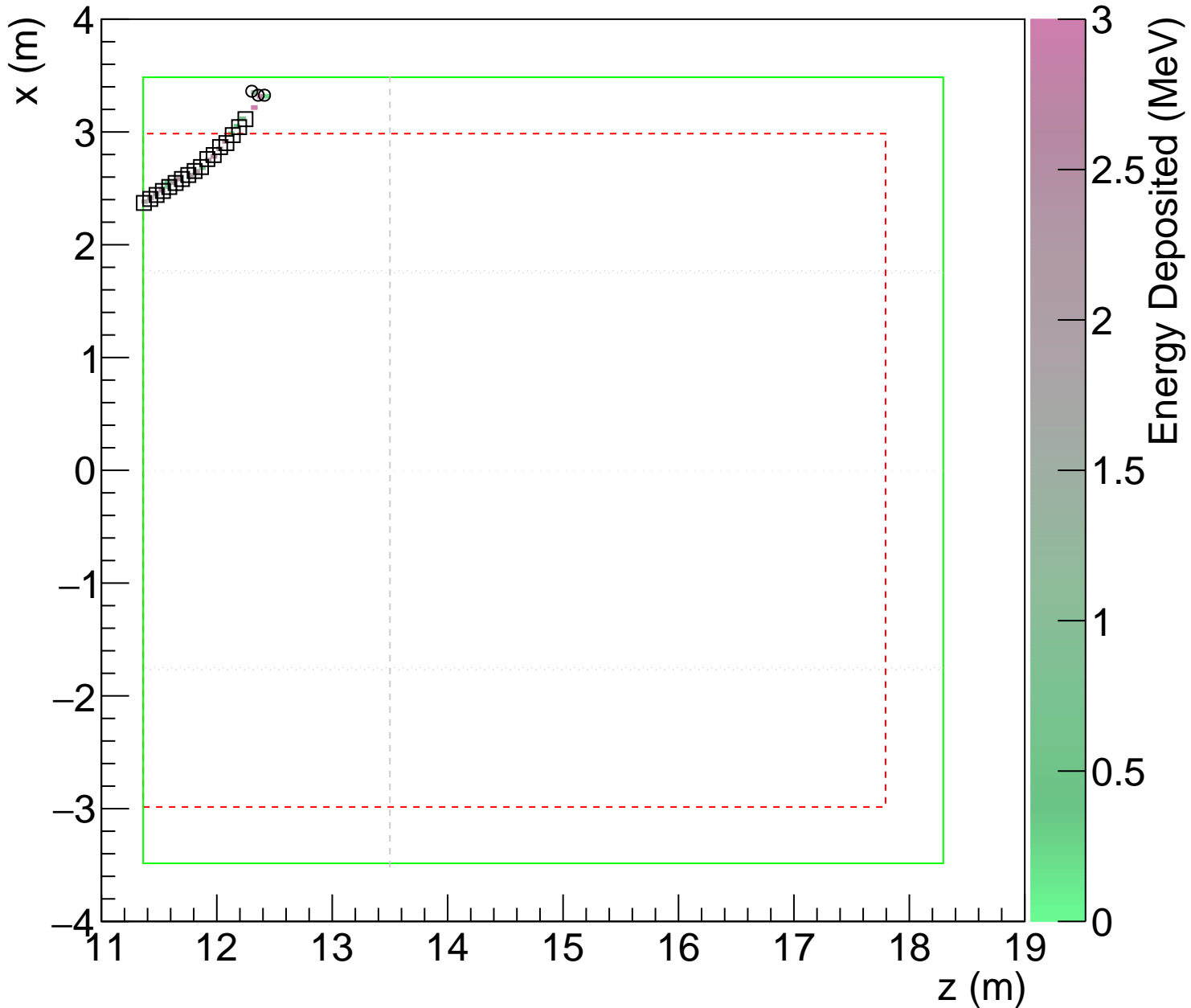
Event 279, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.02$  GeV,  $E_{\mu}^{\text{true}}=1.52$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



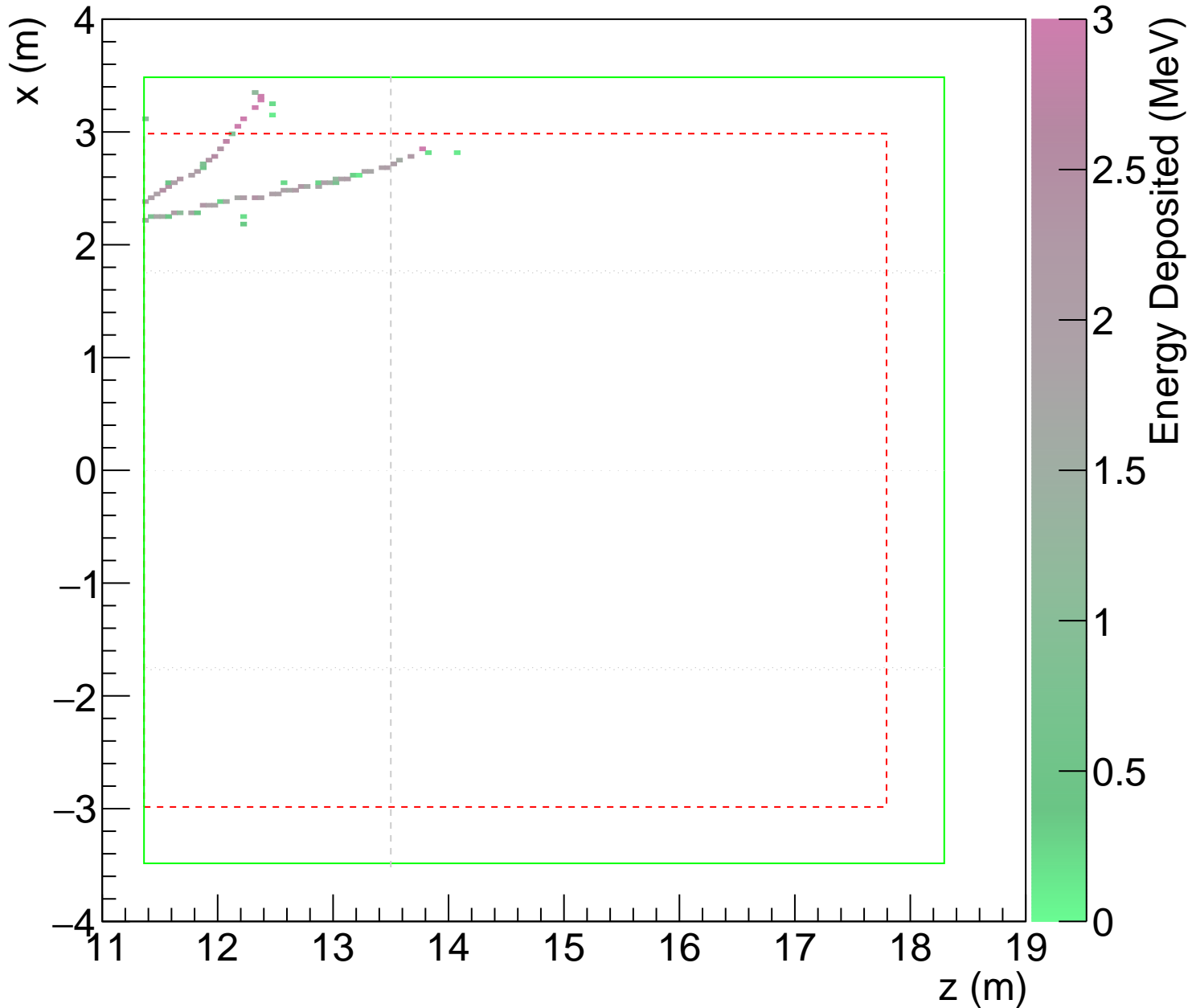


# Event 279 reconstructed

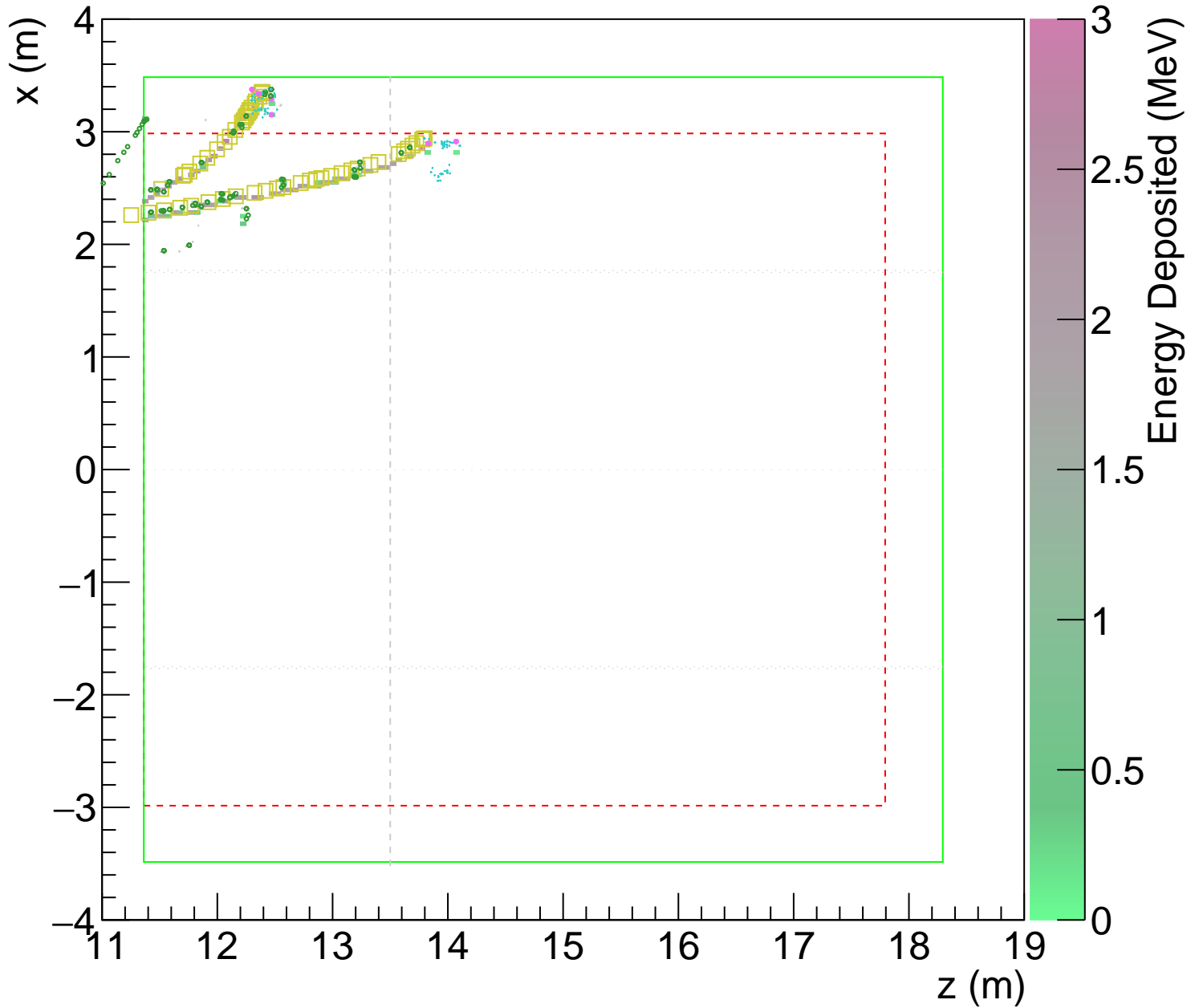
nLines: 1, nClusters: 1



Event 280, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.38$  GeV,  $E_{\mu}^{\text{true}}=1.92$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

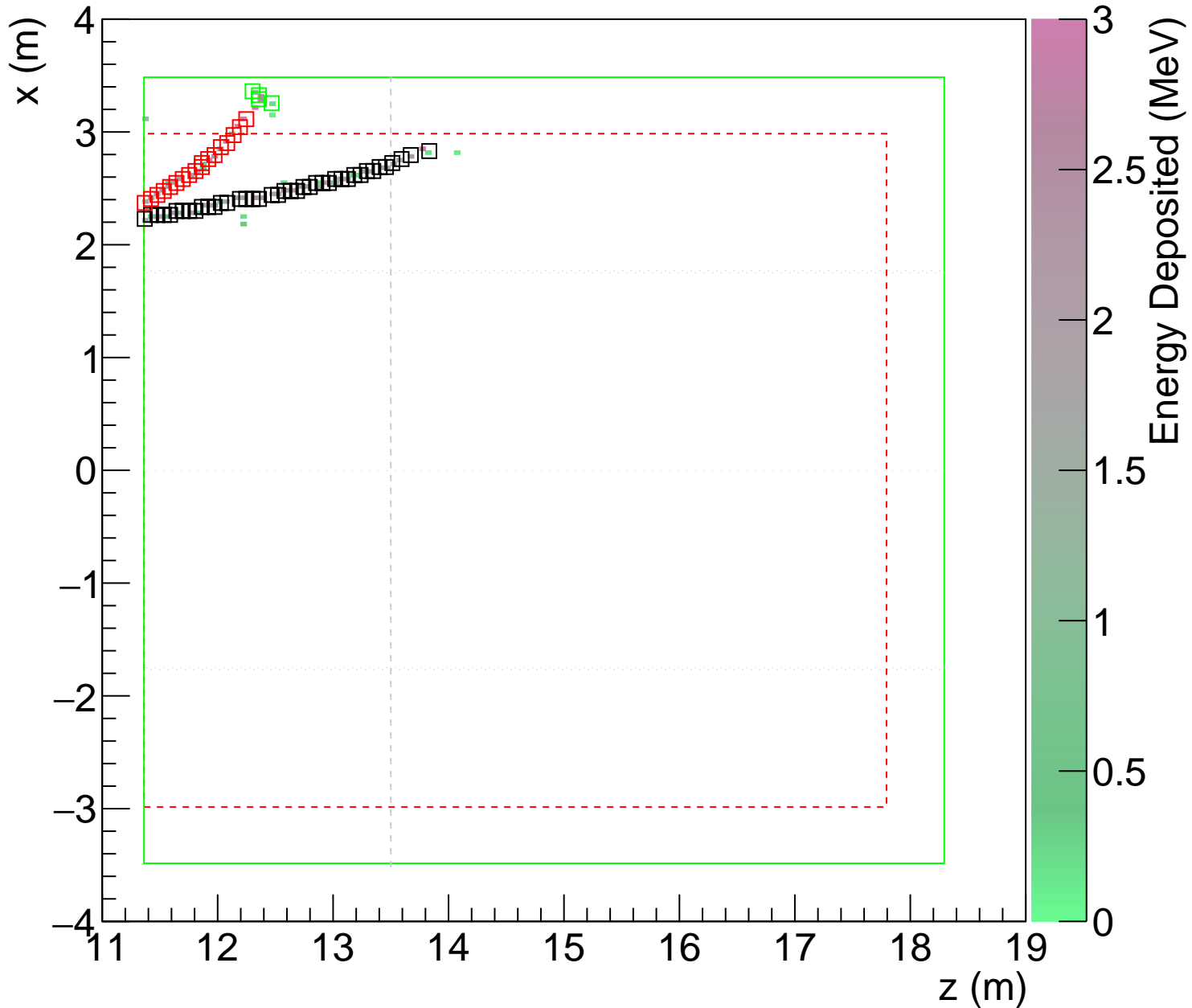


Event 280, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.38$  GeV,  $E_{\mu}^{\text{true}}=1.92$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

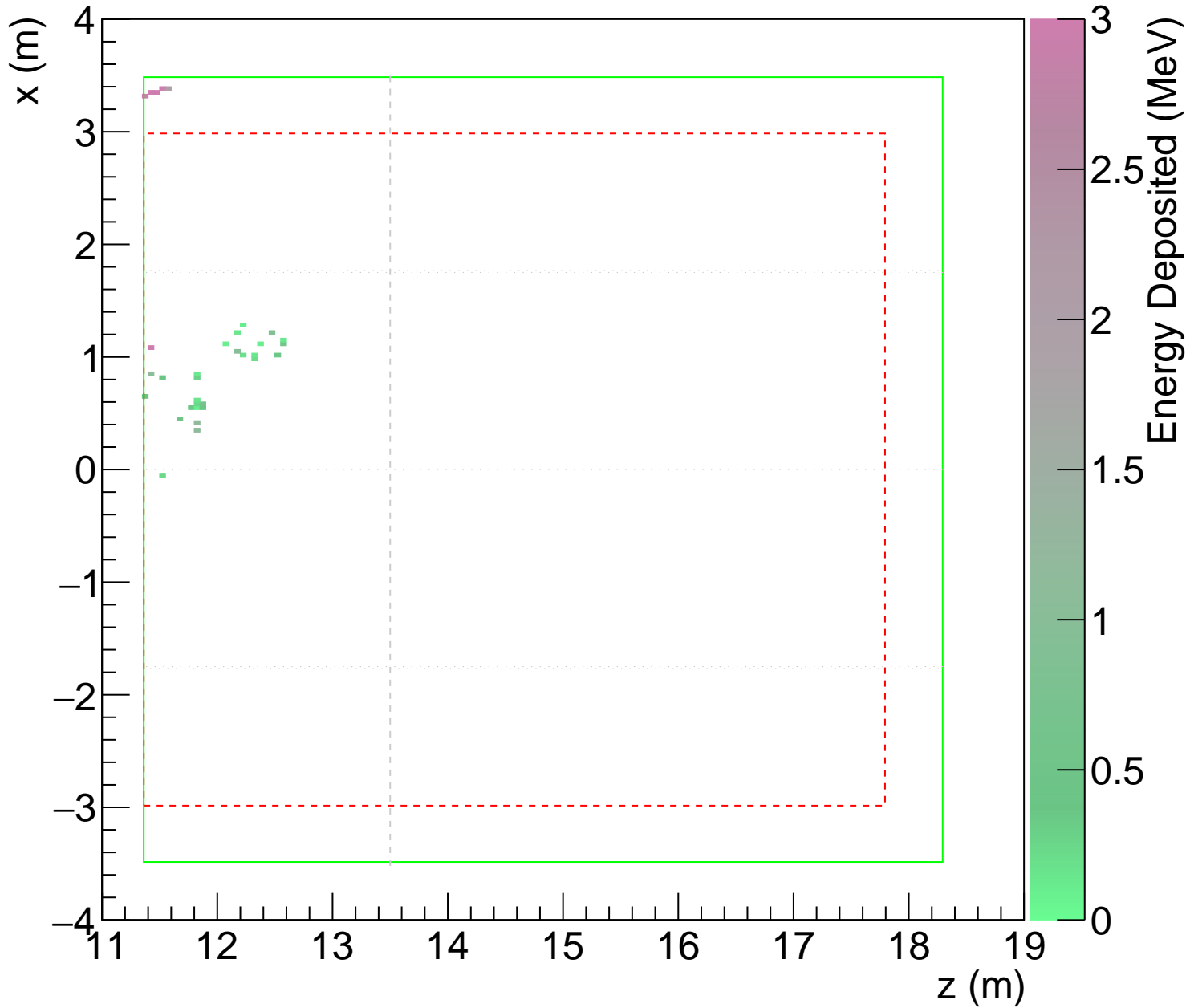


# Event 280 reconstructed

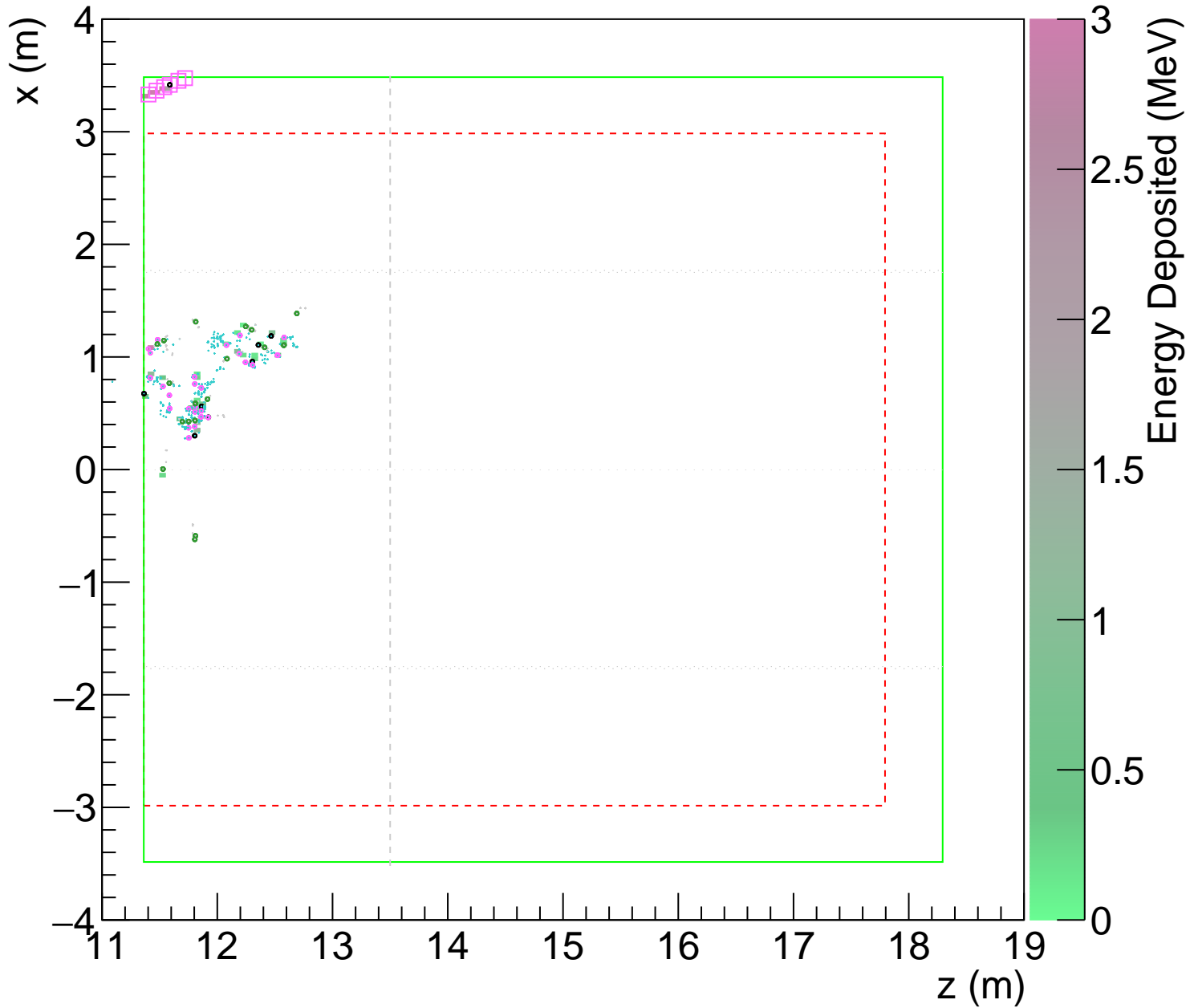
nLines: 3, nClusters: 0



Event 281, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.85$  GeV,  $E_{\mu}^{\text{true}}=0.20$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:11,

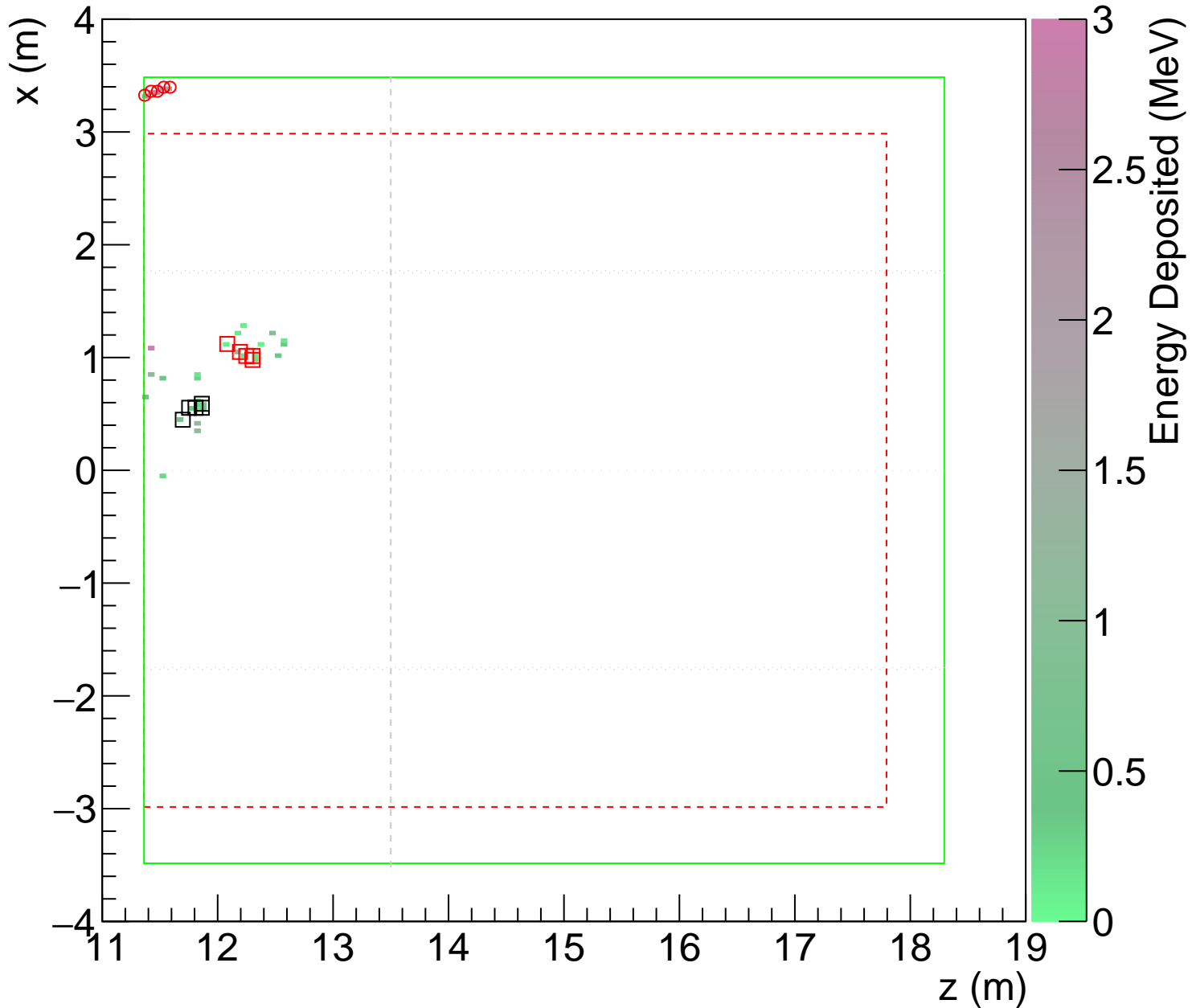


Event 281, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.85$  GeV,  $E_{\mu}^{\text{true}}=0.20$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:11,

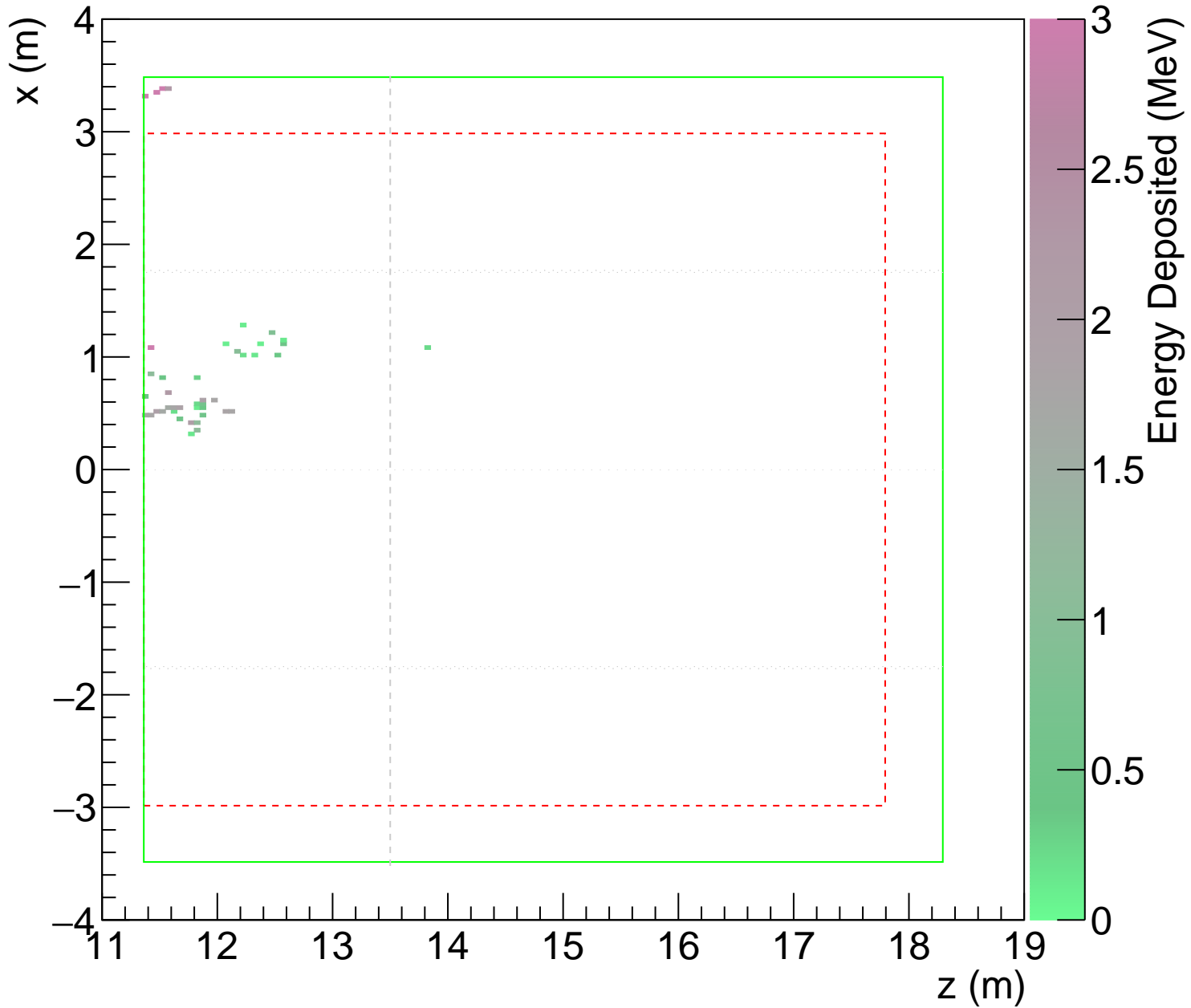


# Event 281 reconstructed

nLines: 2, nClusters: 1

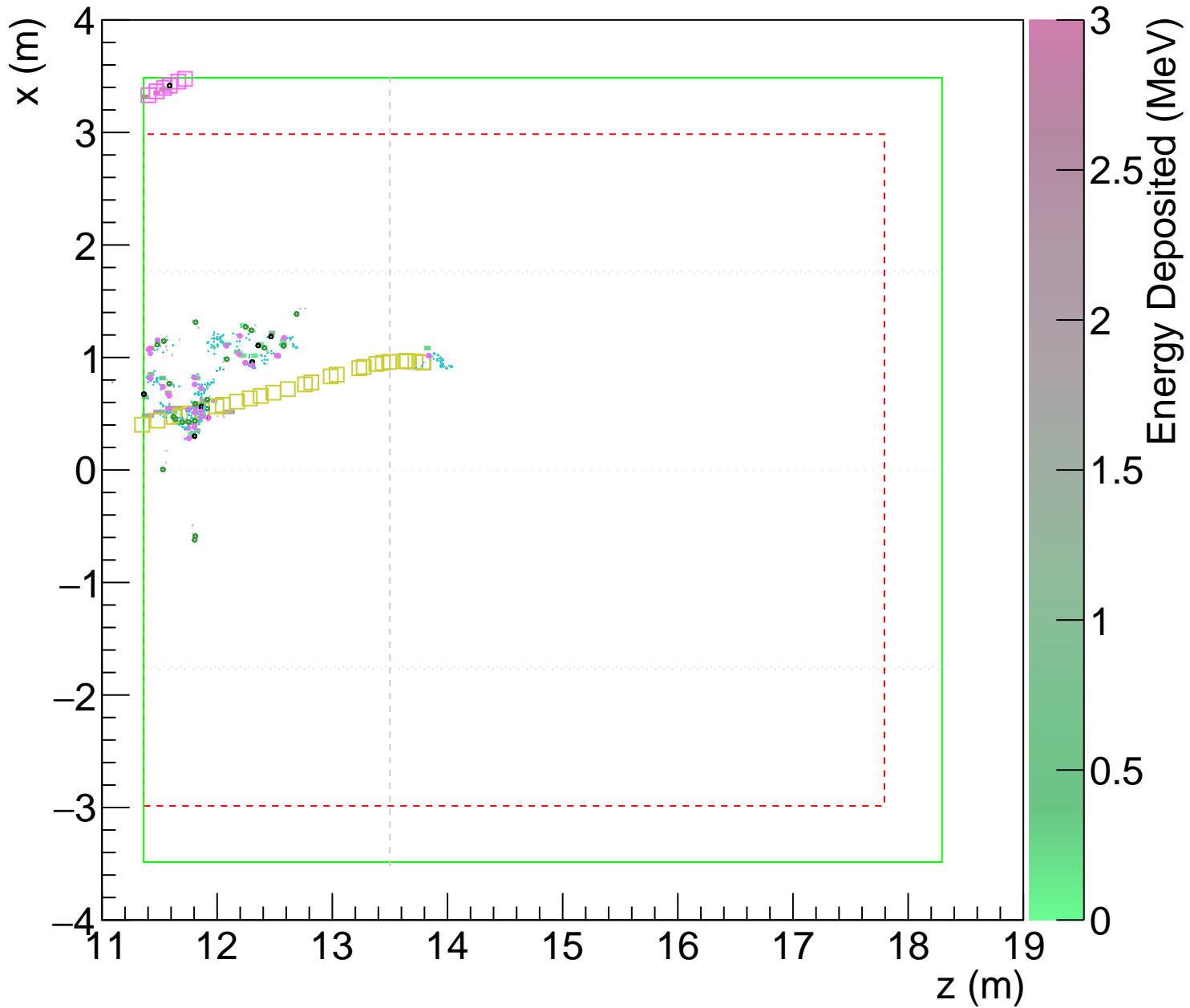


Event 282, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.87$  GeV,  $E_{\mu}^{\text{true}}=1.37$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



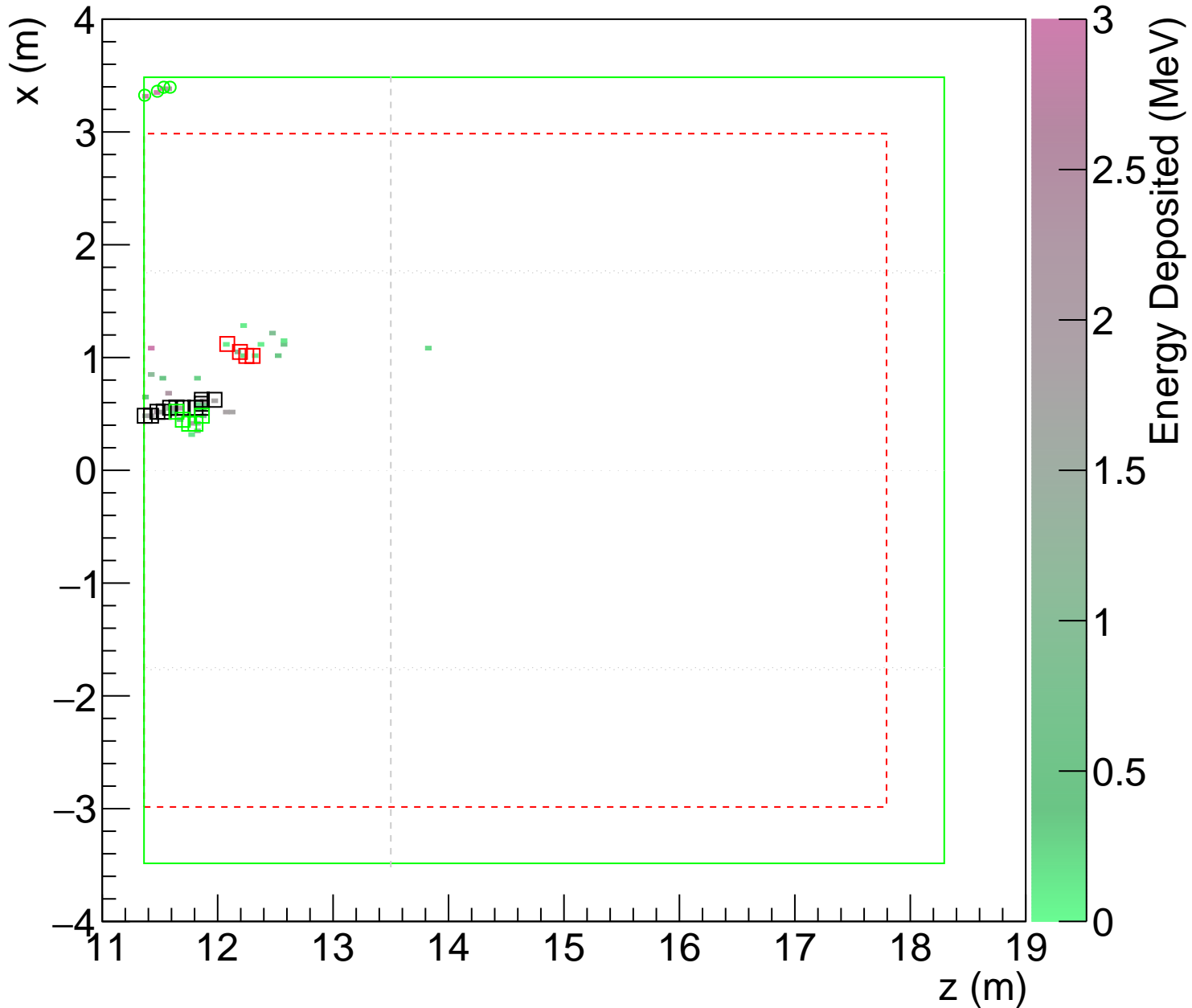


Event 282, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.87$  GeV,  $E_{\mu}^{\text{true}}=1.37$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

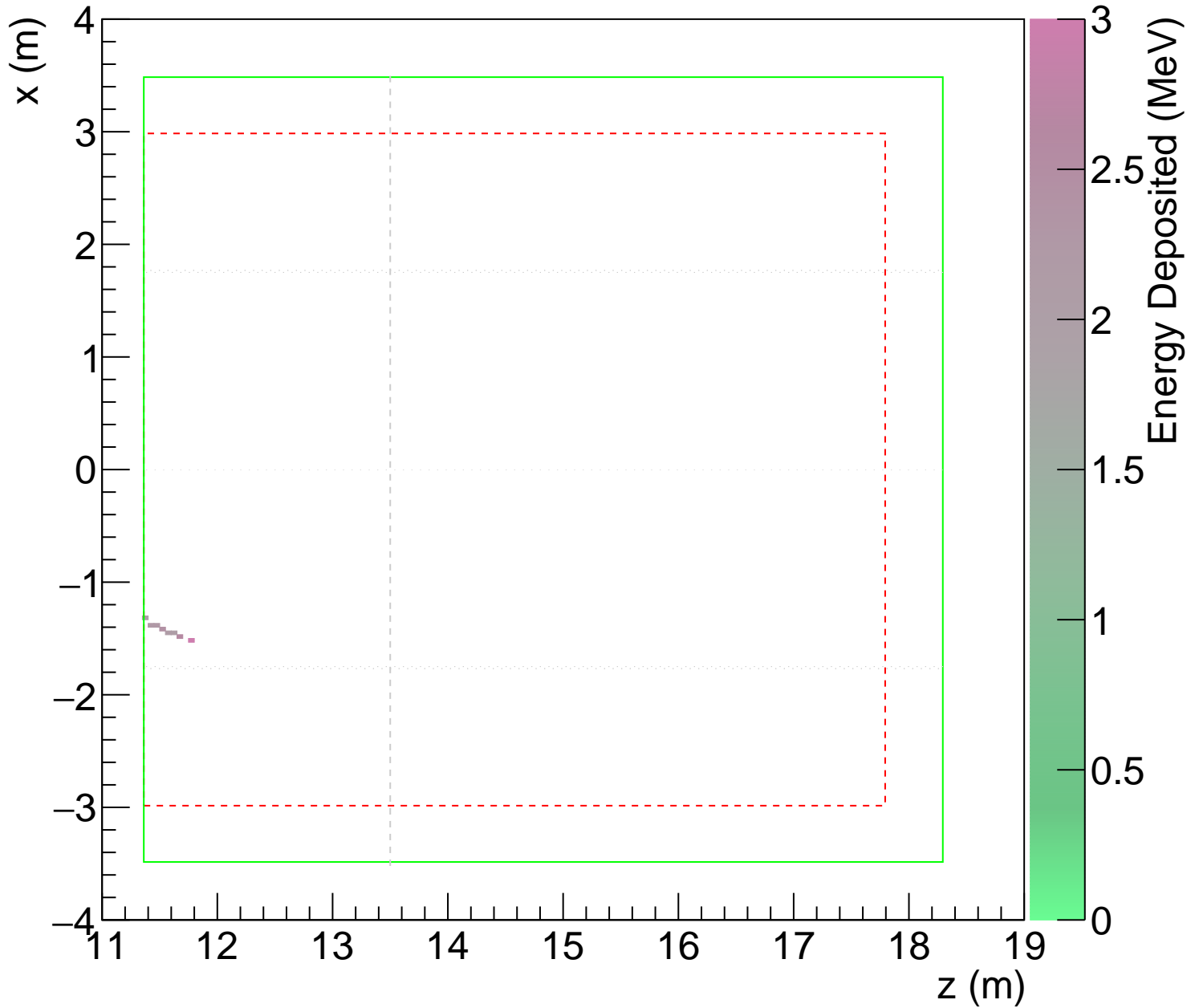


# Event 282 reconstructed

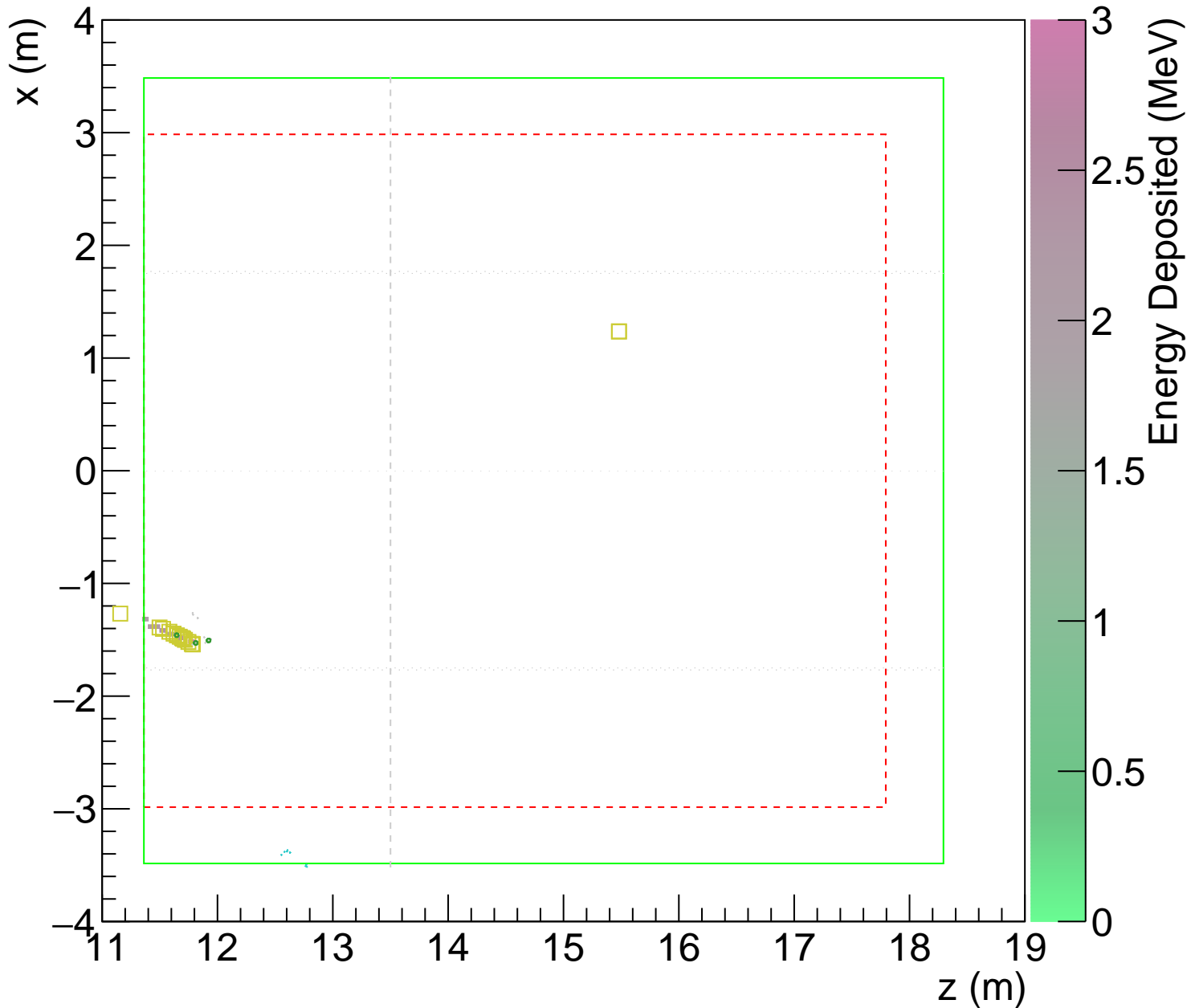
nLines: 3, nClusters: 1



Event 284, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.61$  GeV,  $E_{\mu}^{\text{true}}=1.98$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

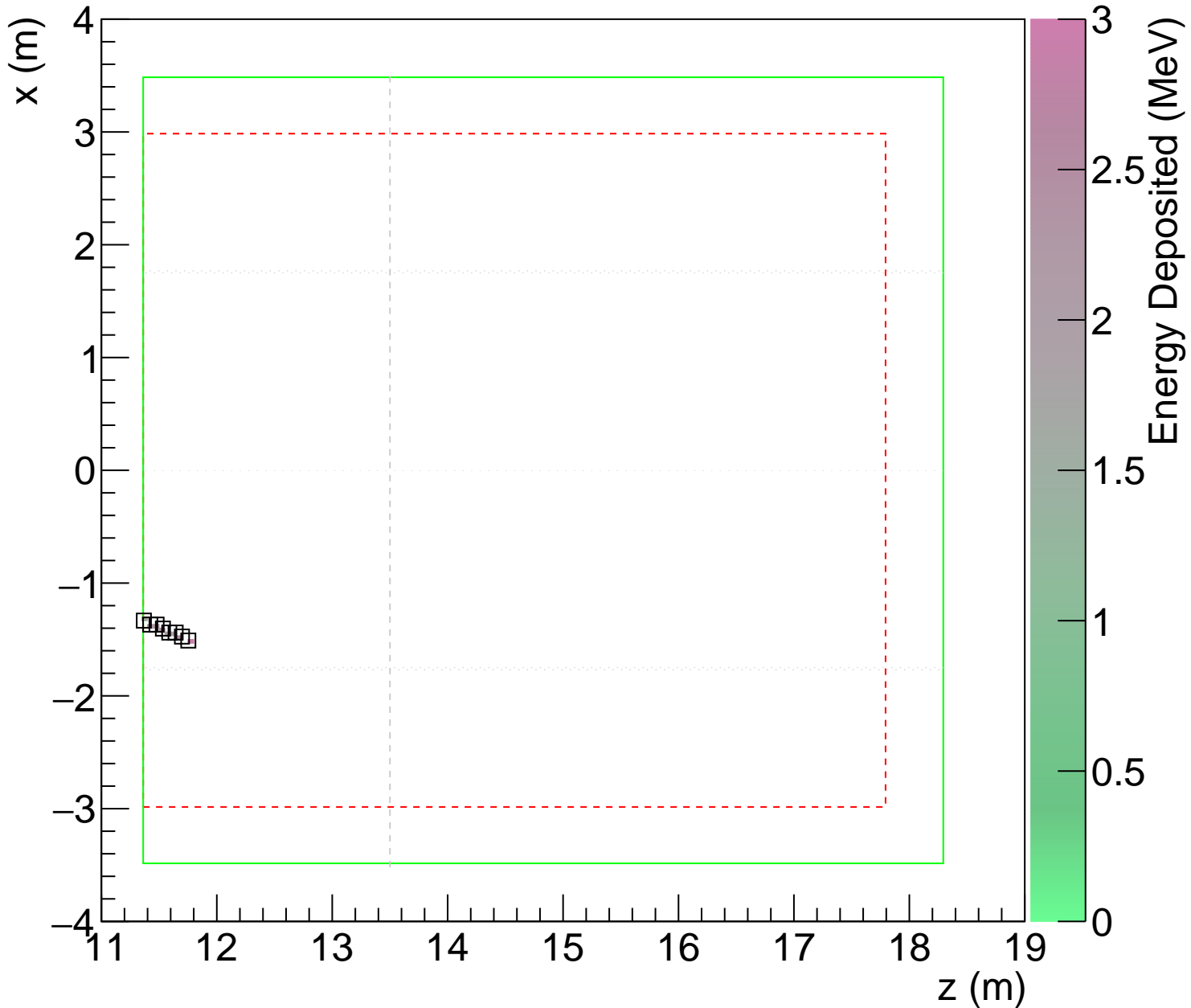


Event 284, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.61$  GeV,  $E_{\mu}^{\text{true}}=1.98$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

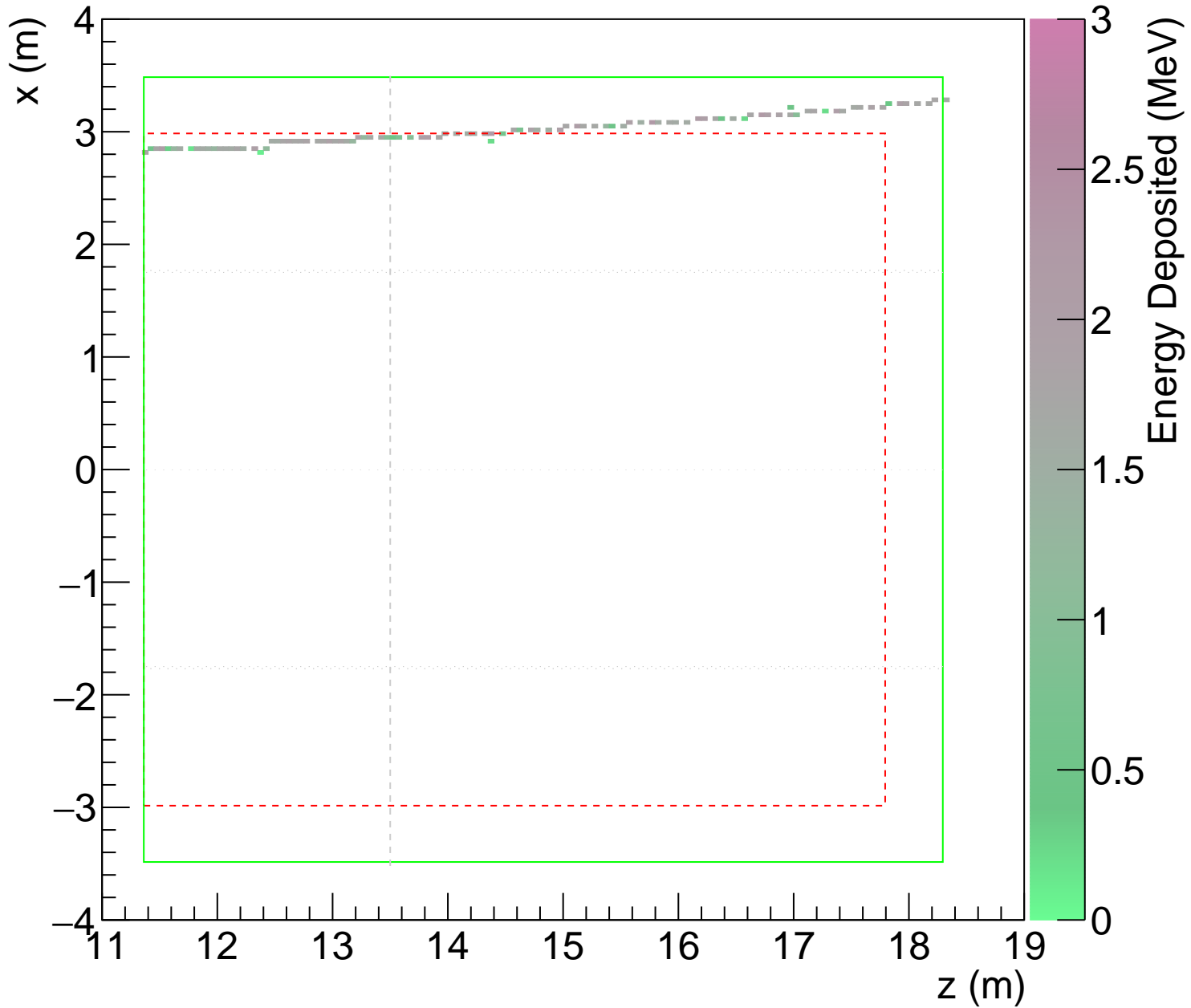


# Event 284 reconstructed

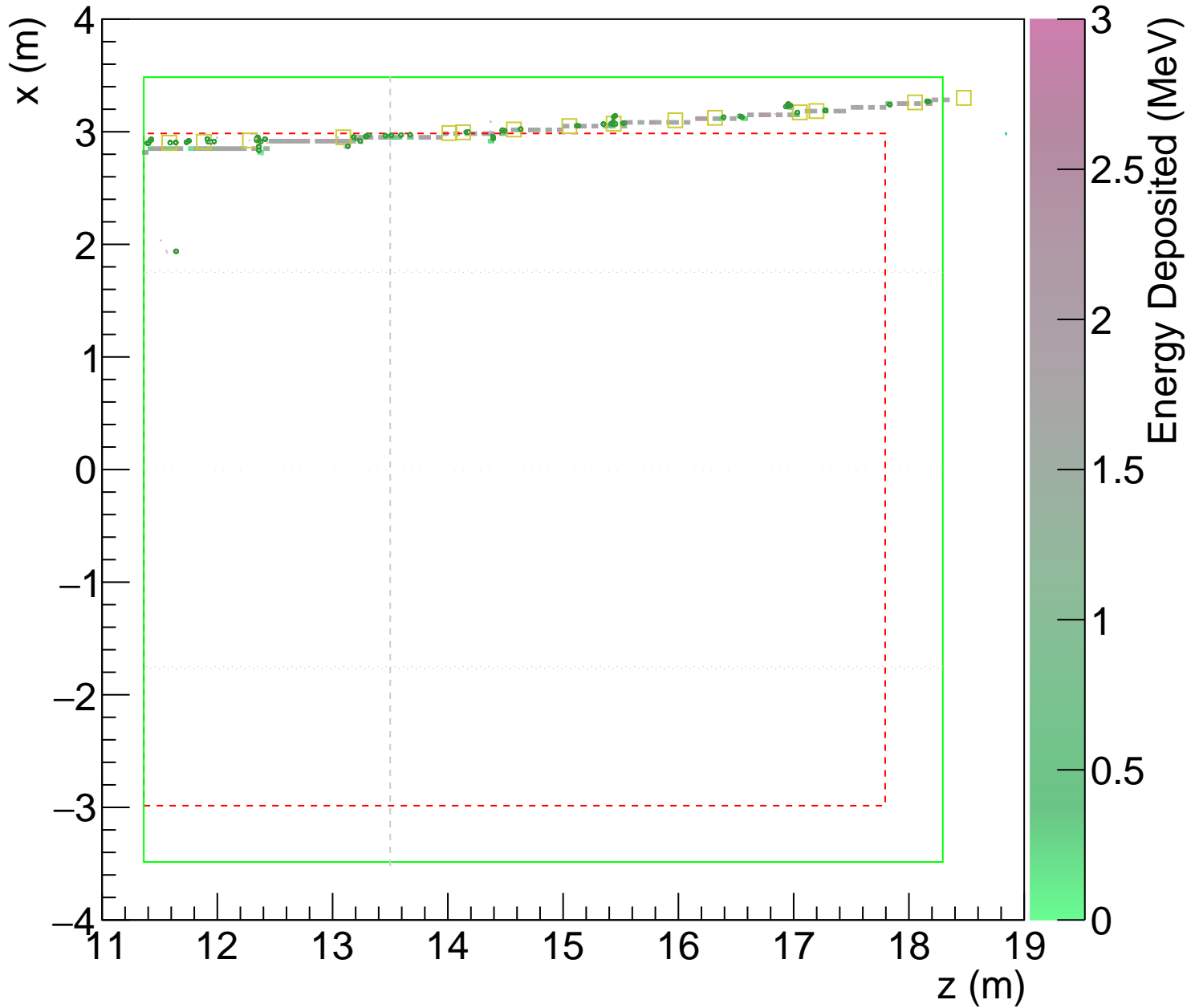
nLines: 1, nClusters: 0



Event 286, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.83$  GeV,  $E_{\mu}^{\text{true}}=10.97$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

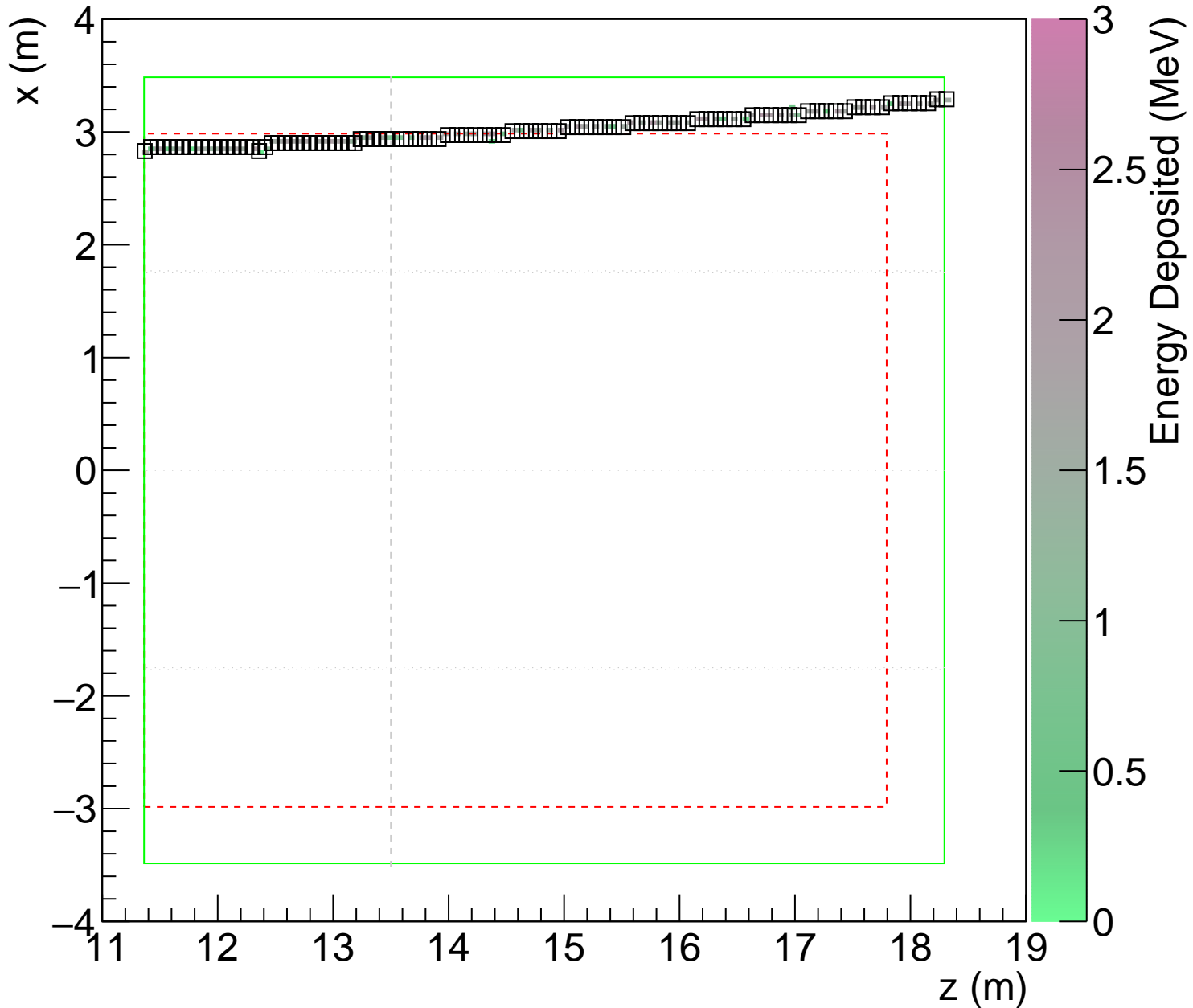


Event 286, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.83$  GeV,  $E_{\mu}^{\text{true}}=10.97$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



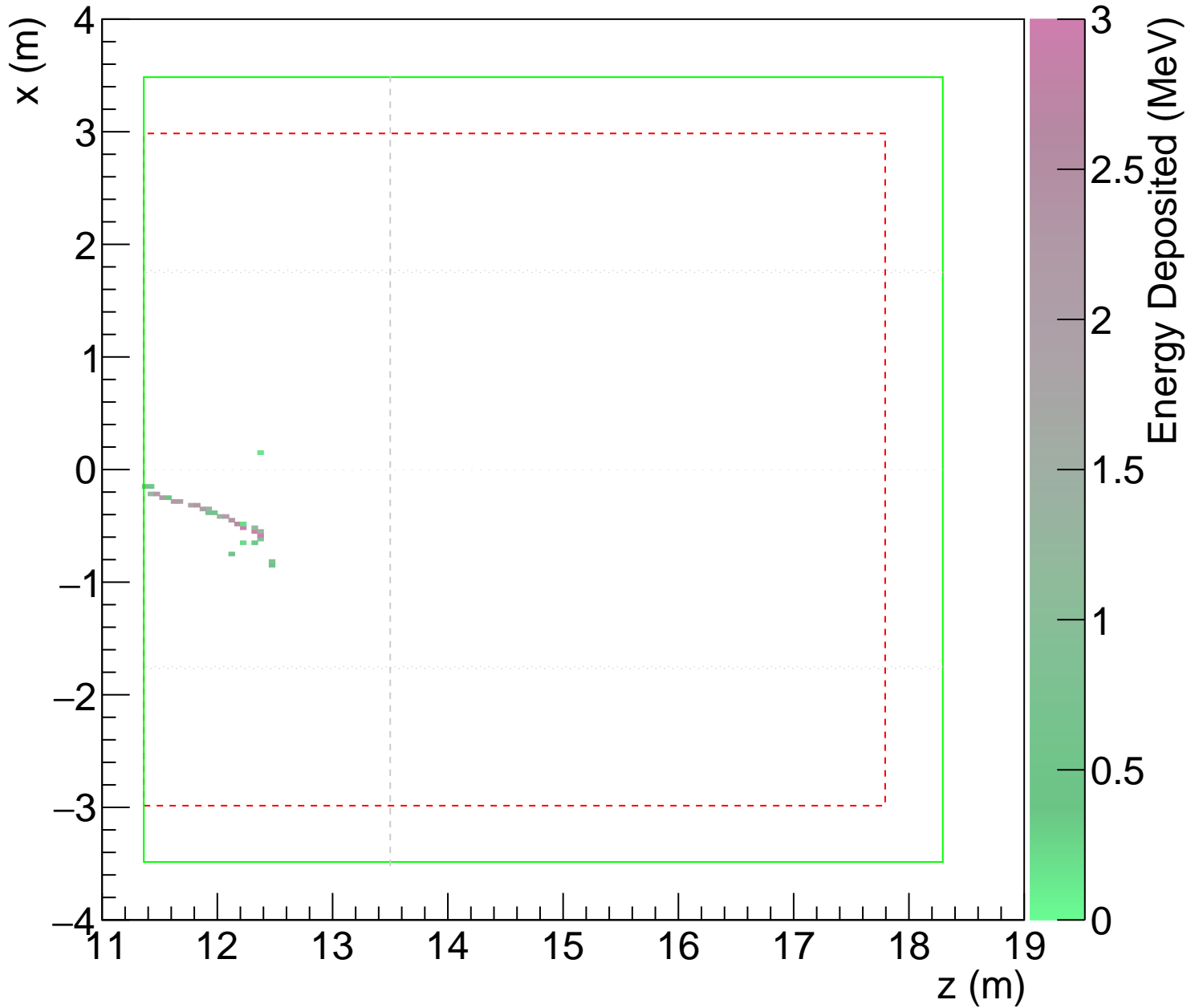
# Event 286 reconstructed

nLines: 1, nClusters: 0

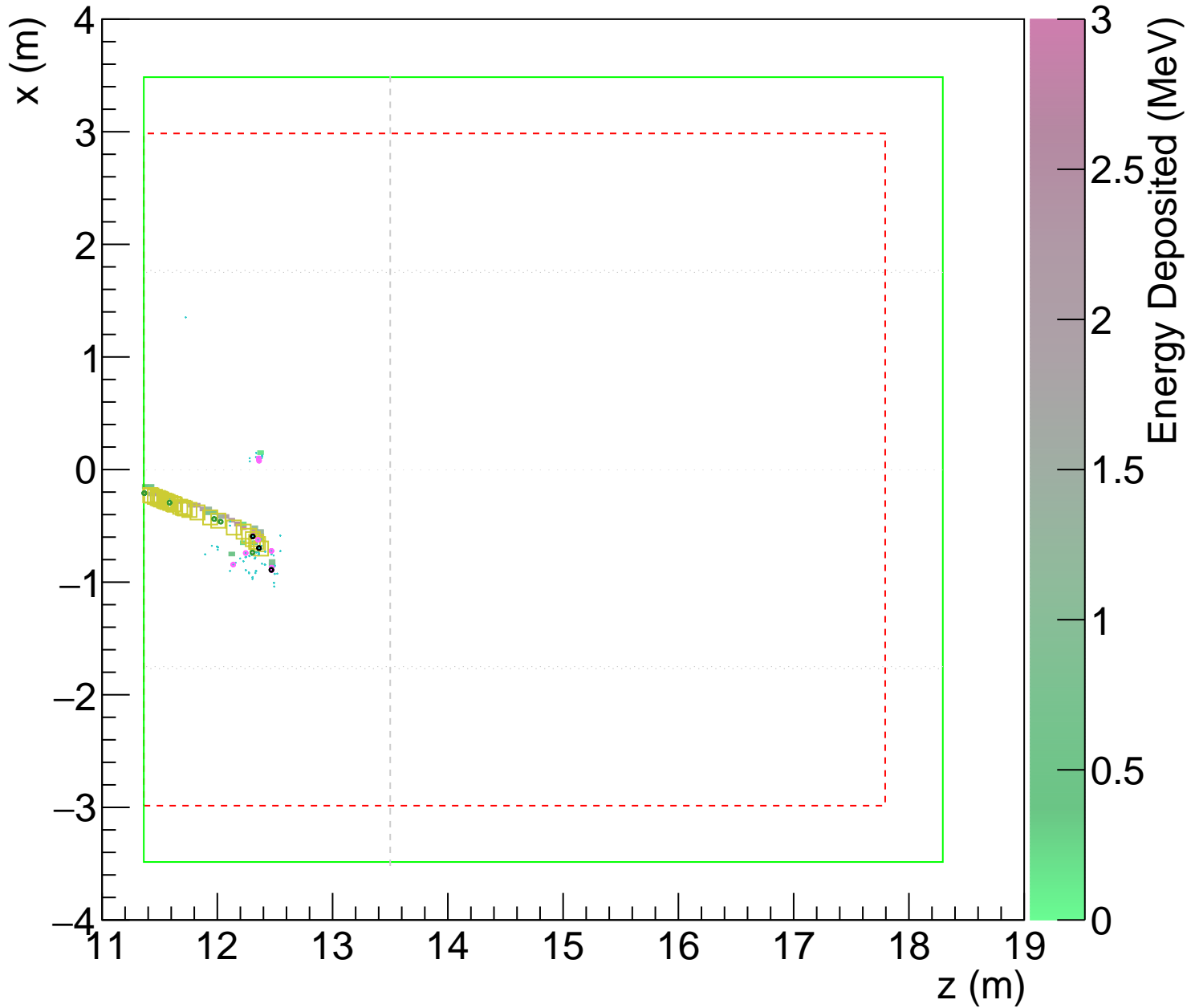




Event 287, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.21$  GeV,  $E_{\mu}^{\text{true}}=1.24$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

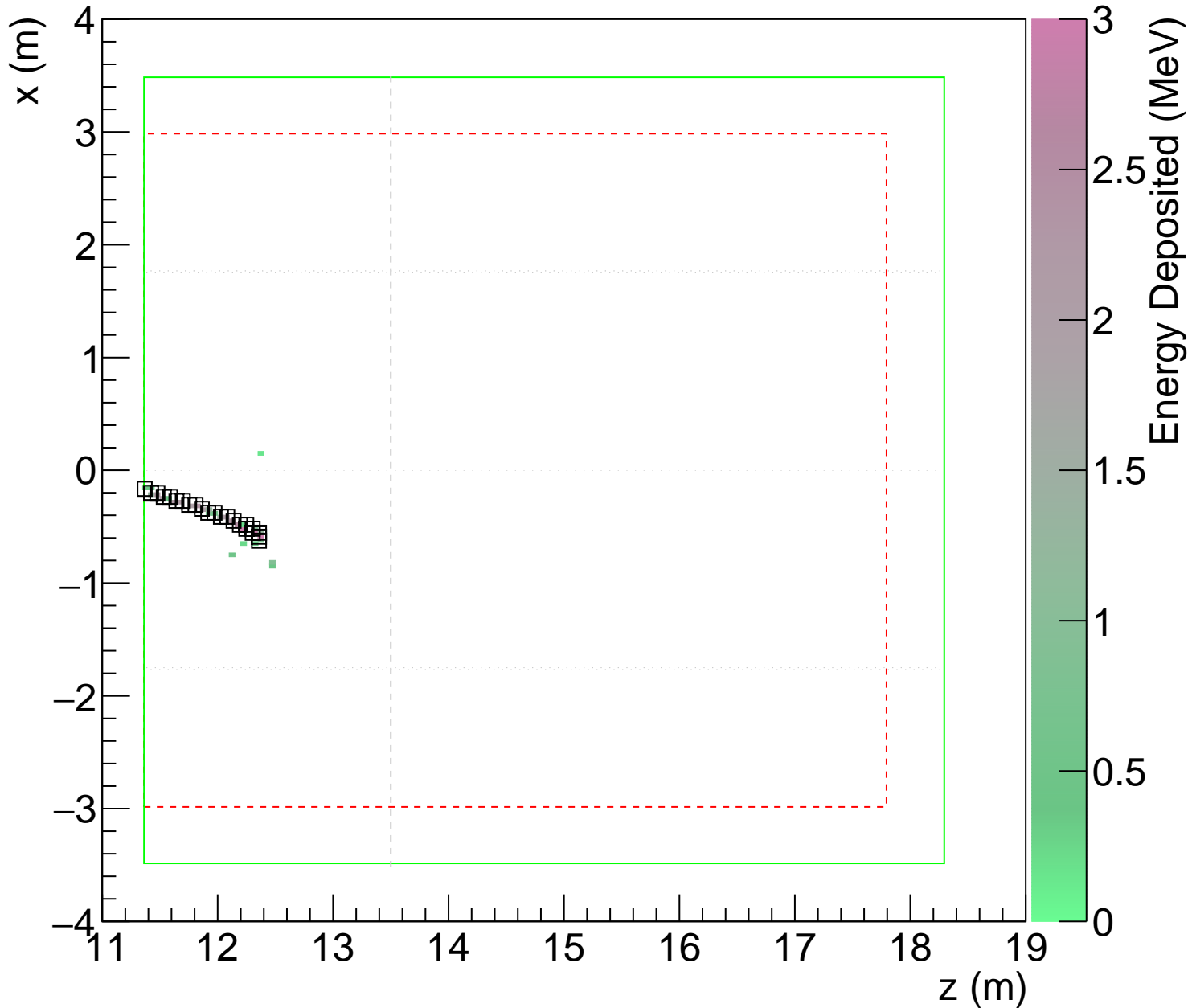


Event 287, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.21$  GeV,  $E_{\mu}^{\text{true}}=1.24$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

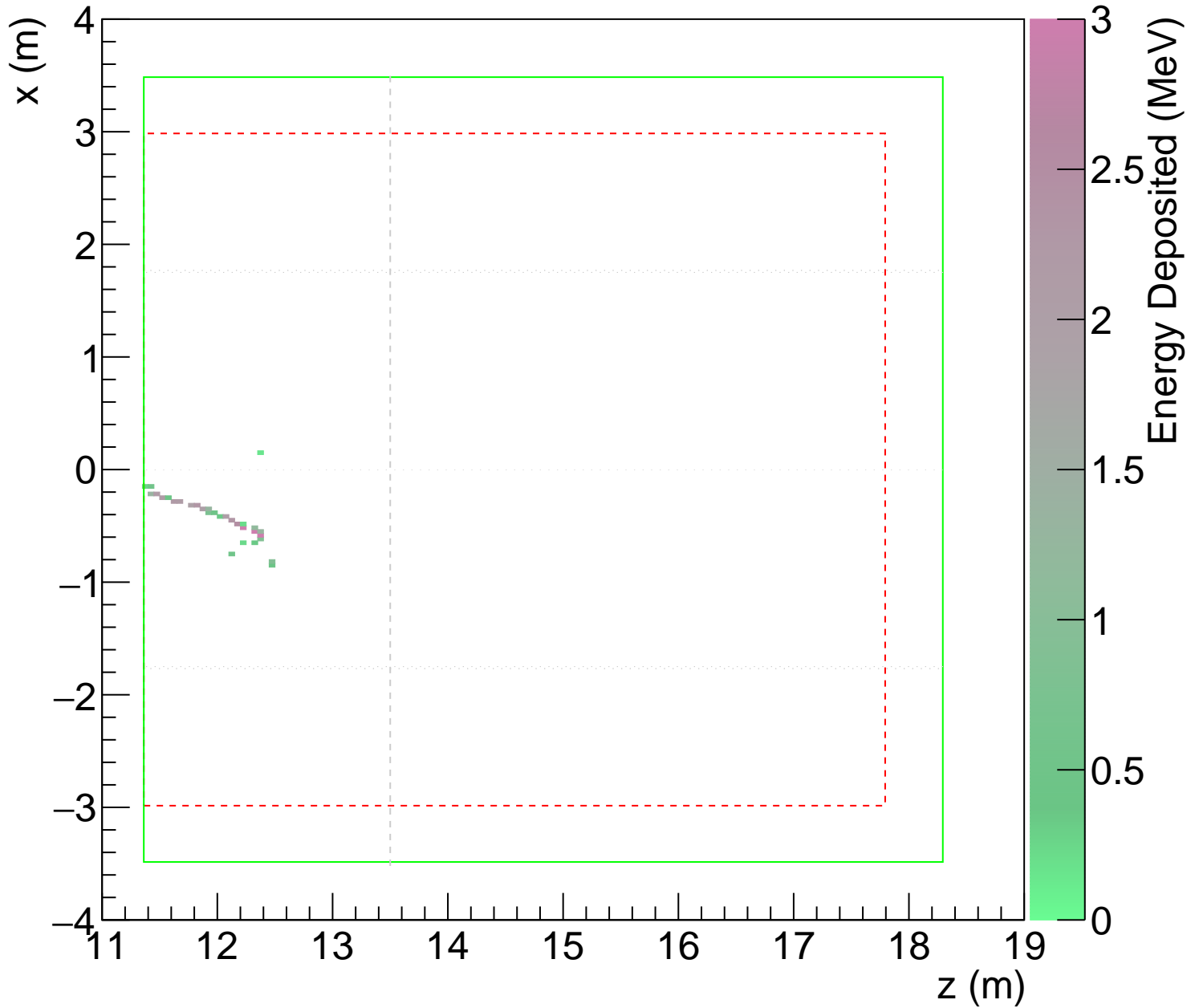


# Event 287 reconstructed

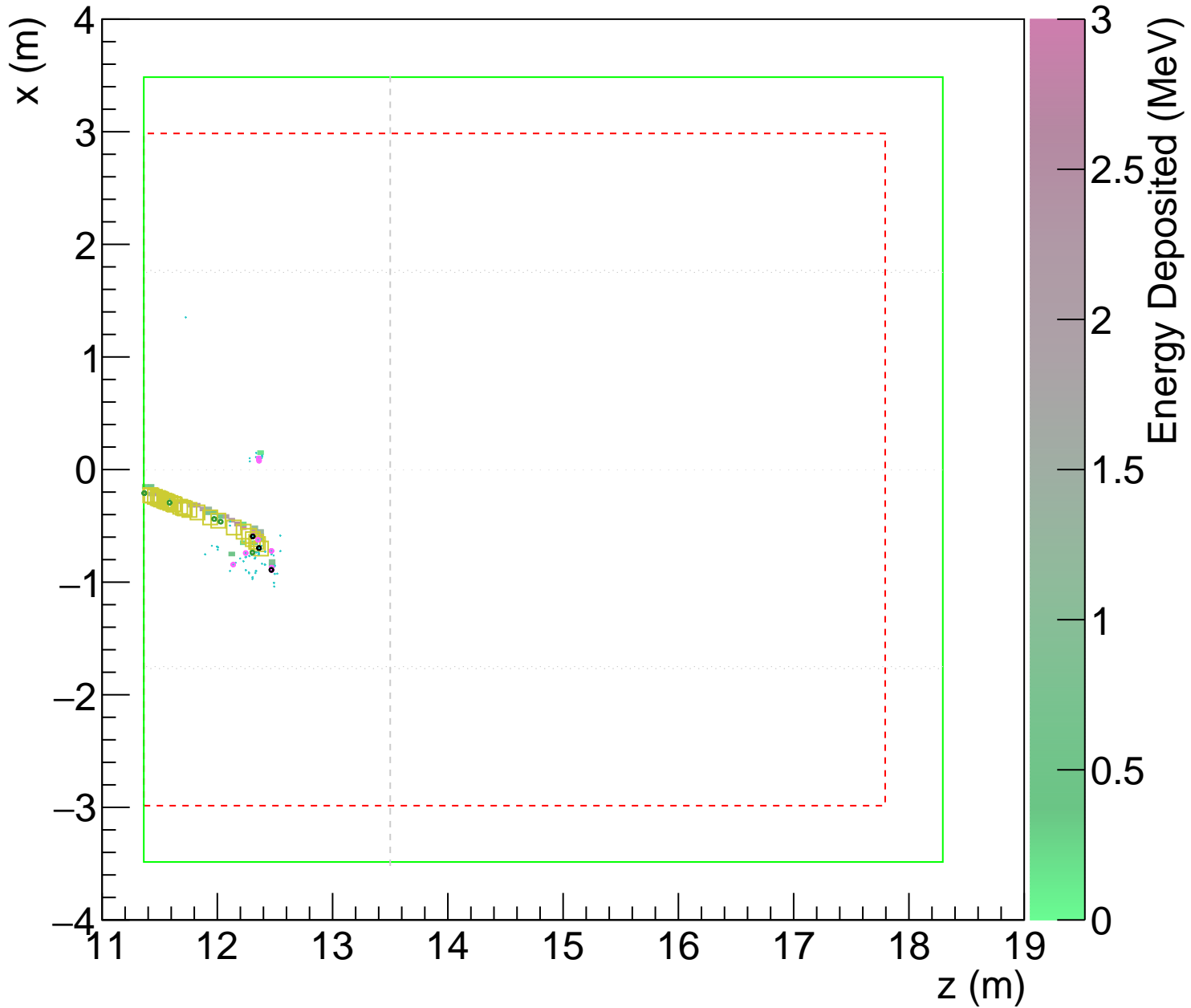
nLines: 1, nClusters: 0



Event 288, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.66$  GeV,  $E_{\mu}^{\text{true}}=1.24$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

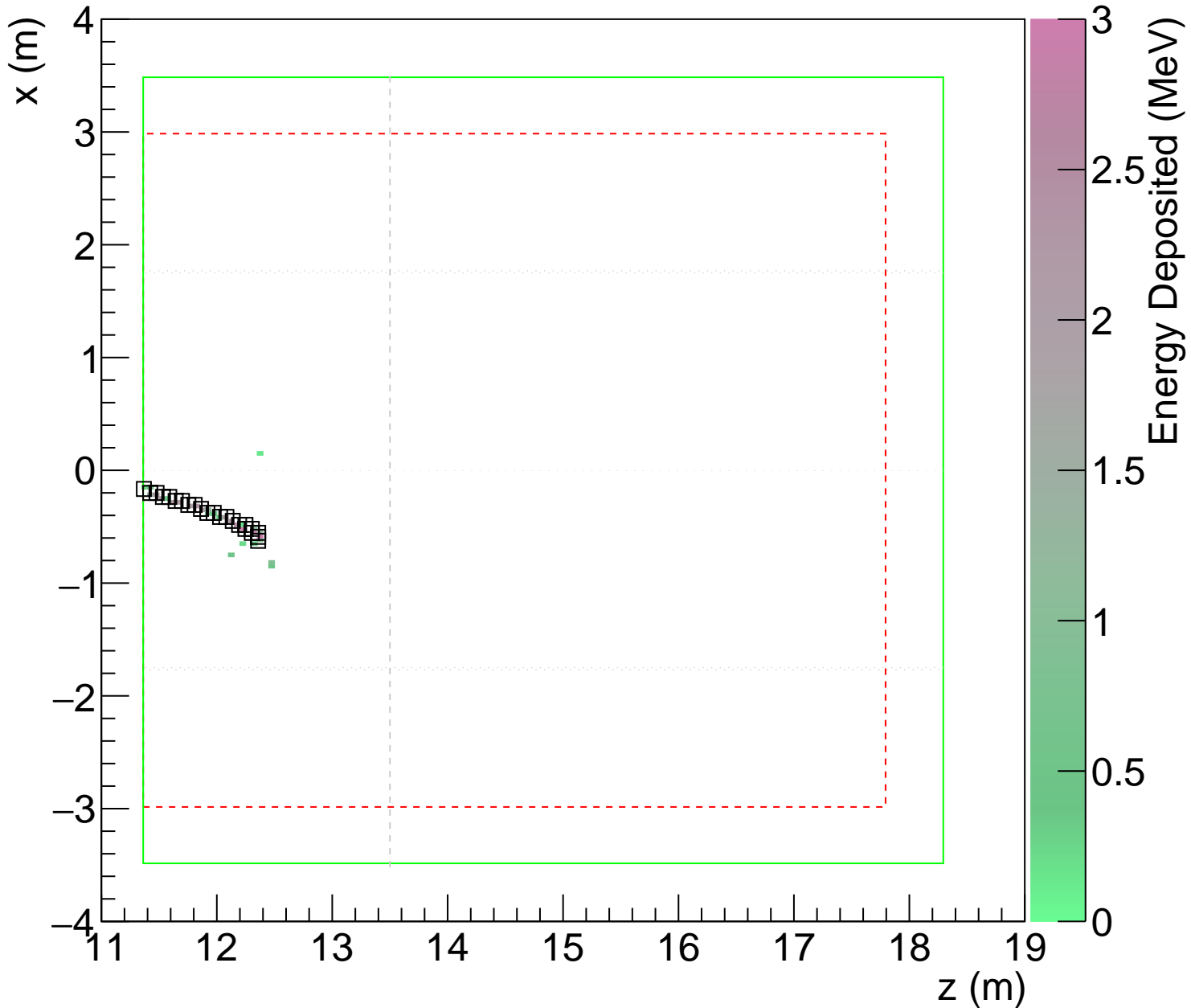


Event 288, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.66$  GeV,  $E_{\mu}^{\text{true}}=1.24$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

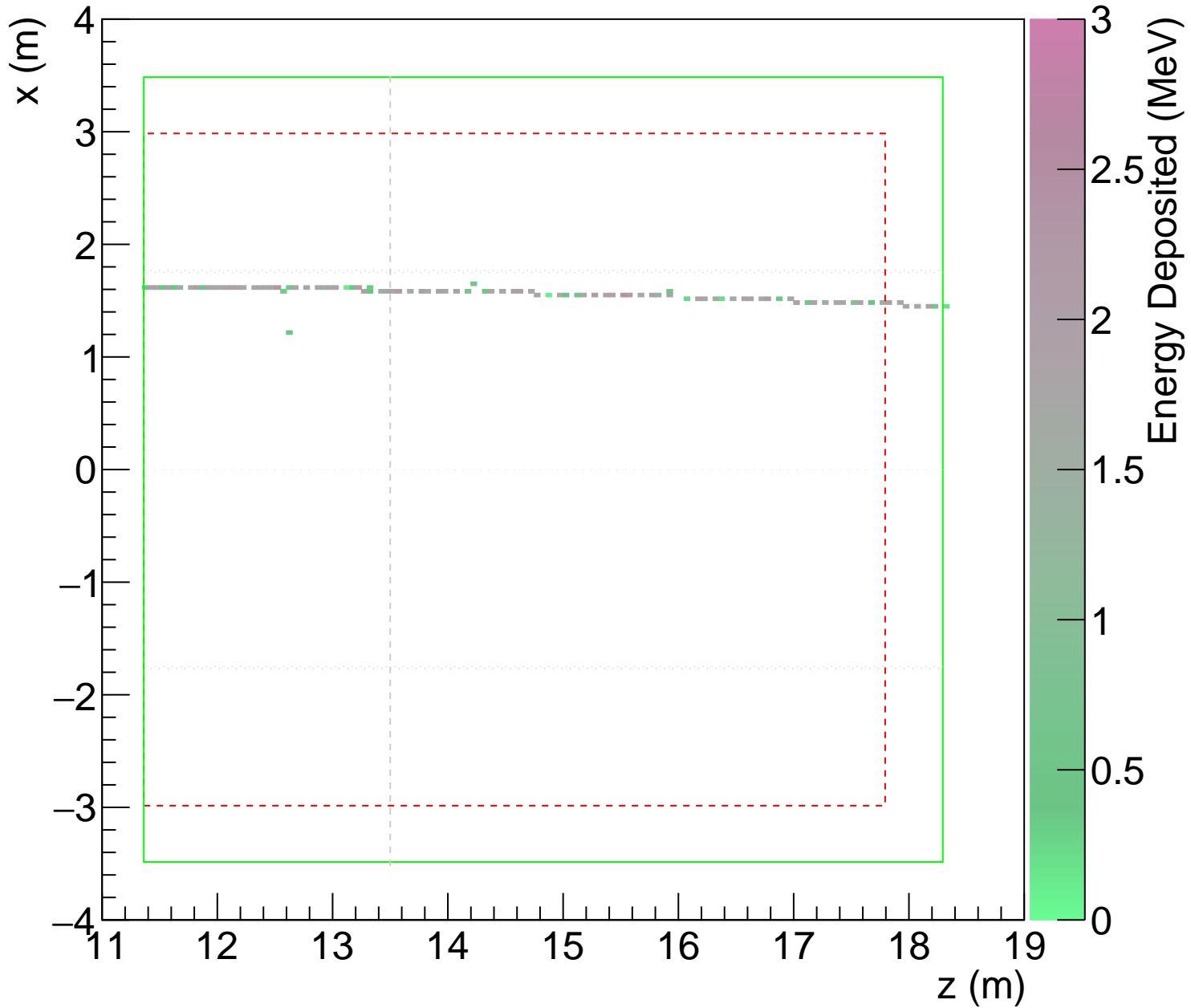


# Event 288 reconstructed

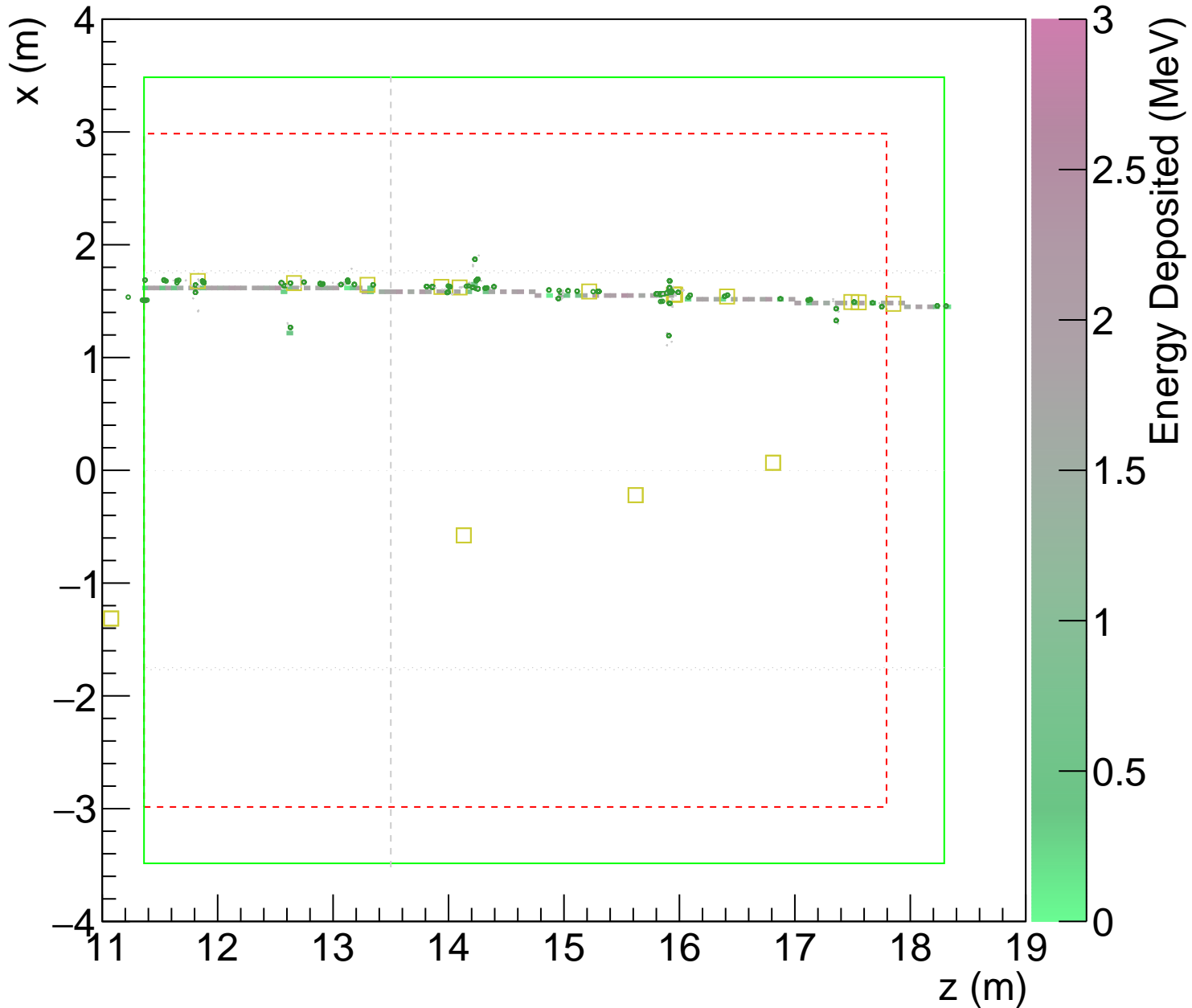
nLines: 1, nClusters: 0



Event 290, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=29.96$  GeV,  $E_{\mu}^{\text{true}}=29.27$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



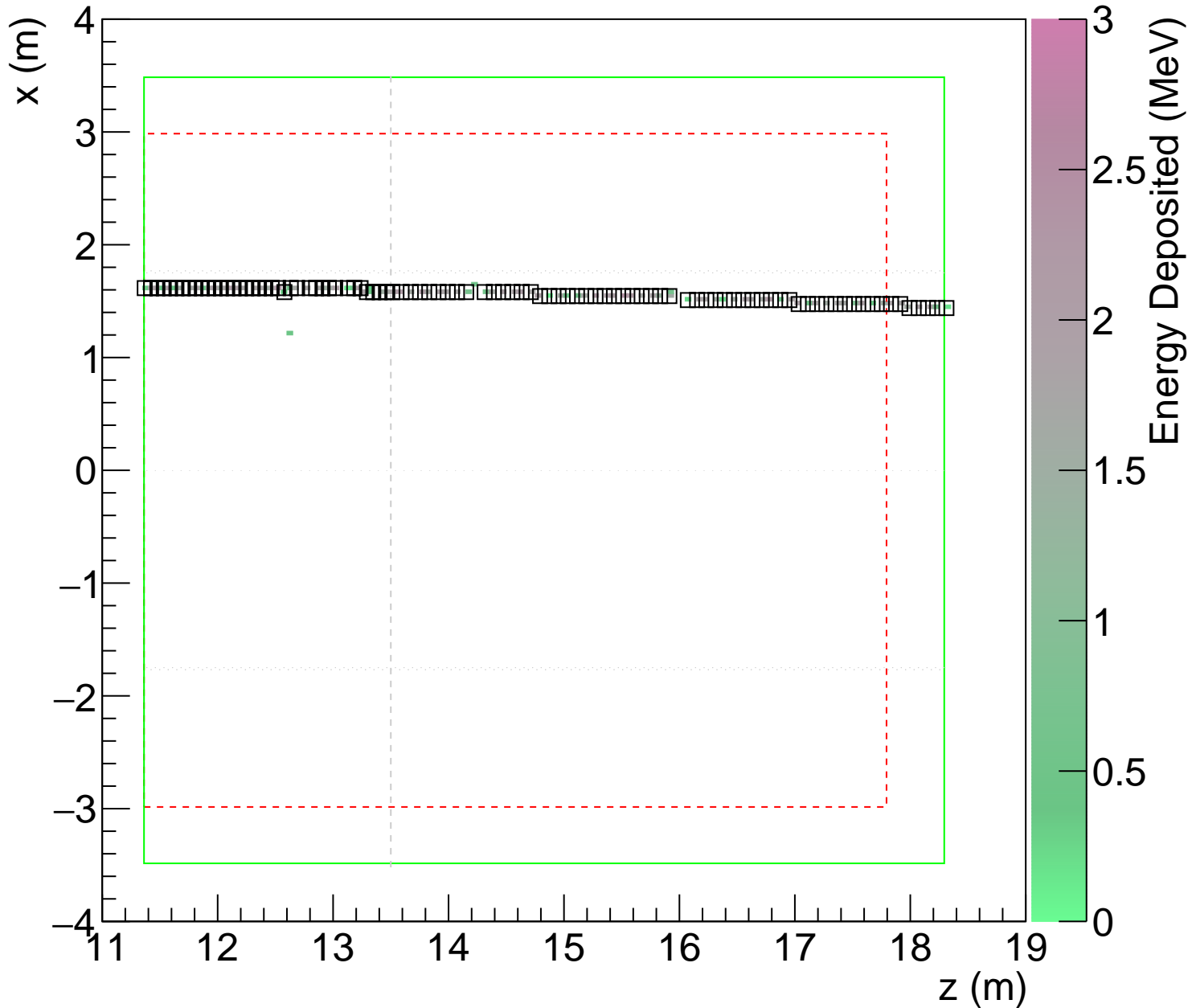
Event 290, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=29.96$  GeV,  $E_{\mu}^{\text{true}}=29.27$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,



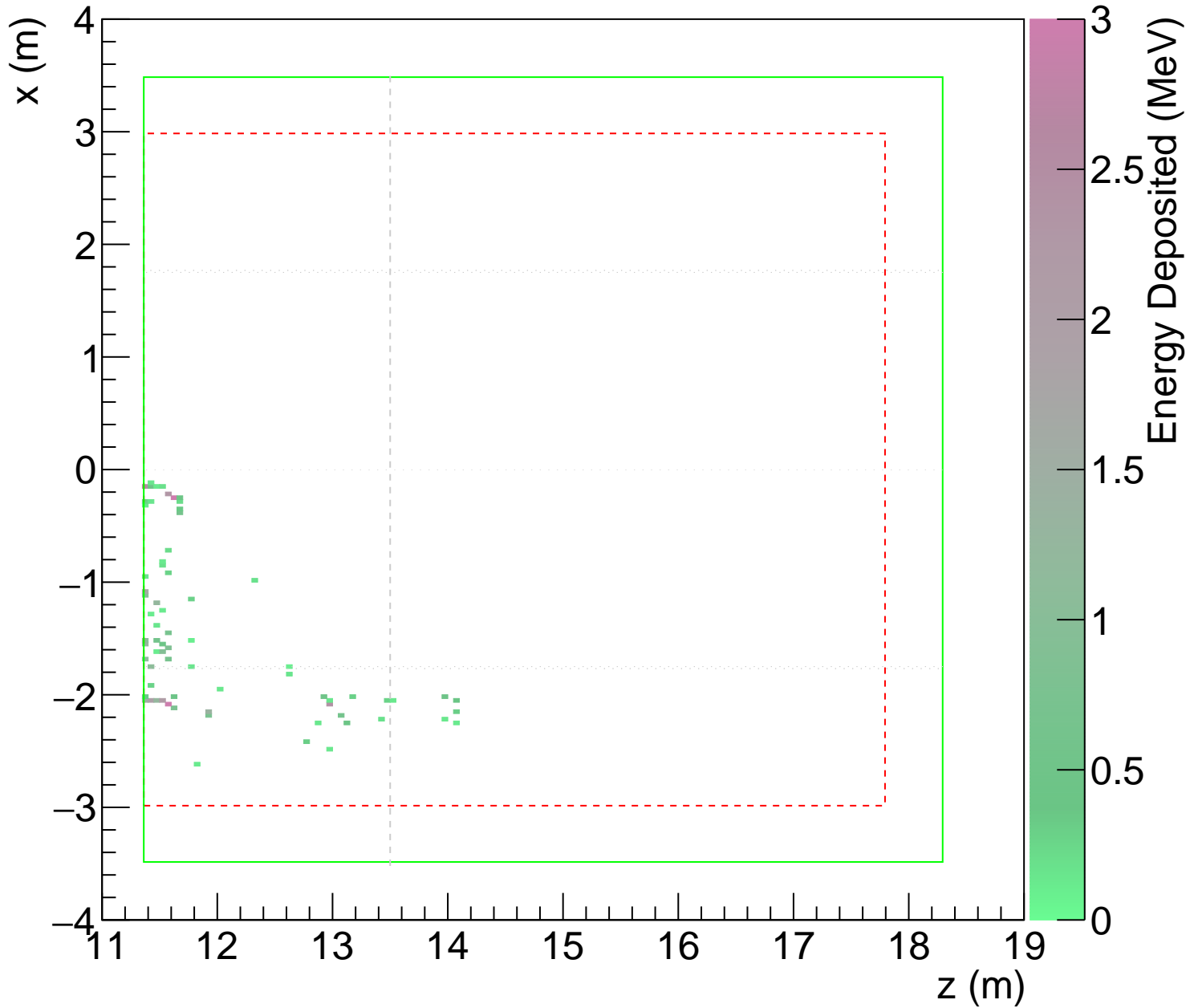


# Event 290 reconstructed

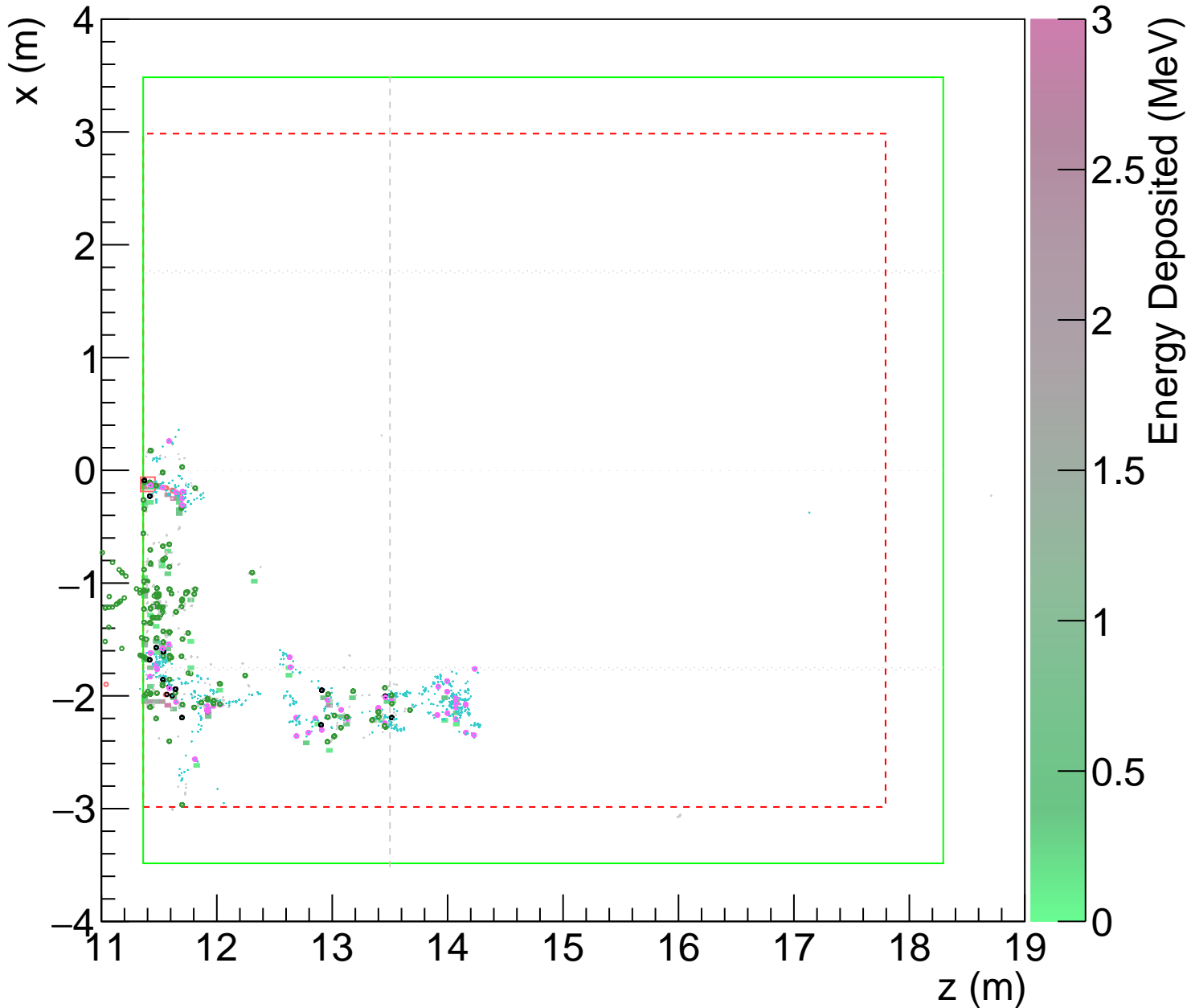
nLines: 1, nClusters: 0



Event 291, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=14.25$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:2( $\nu$ ),proc:Weak[NC],DIS,

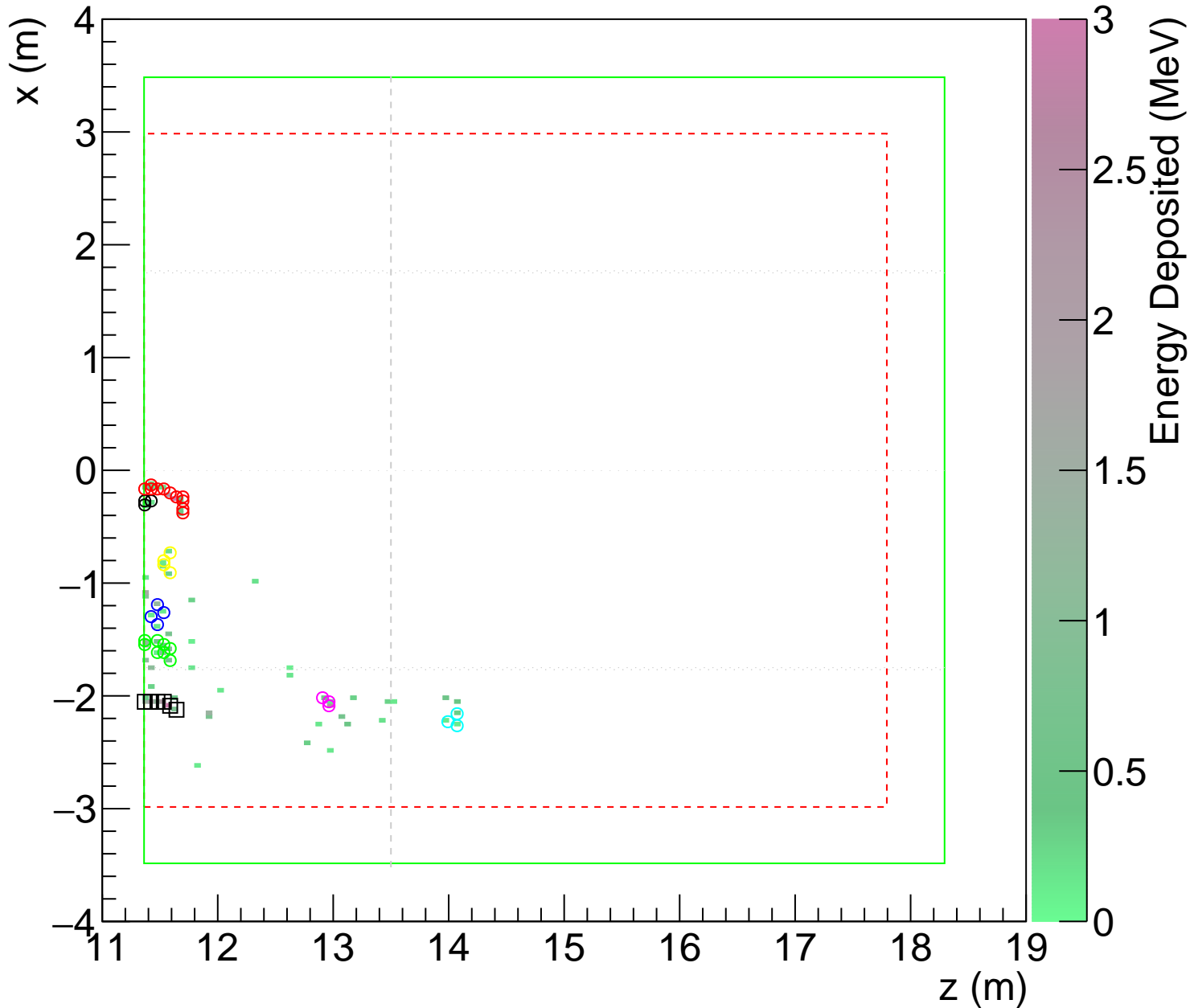


Event 291, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=14.25$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:2(v),proc:Weak[NC],DIS,

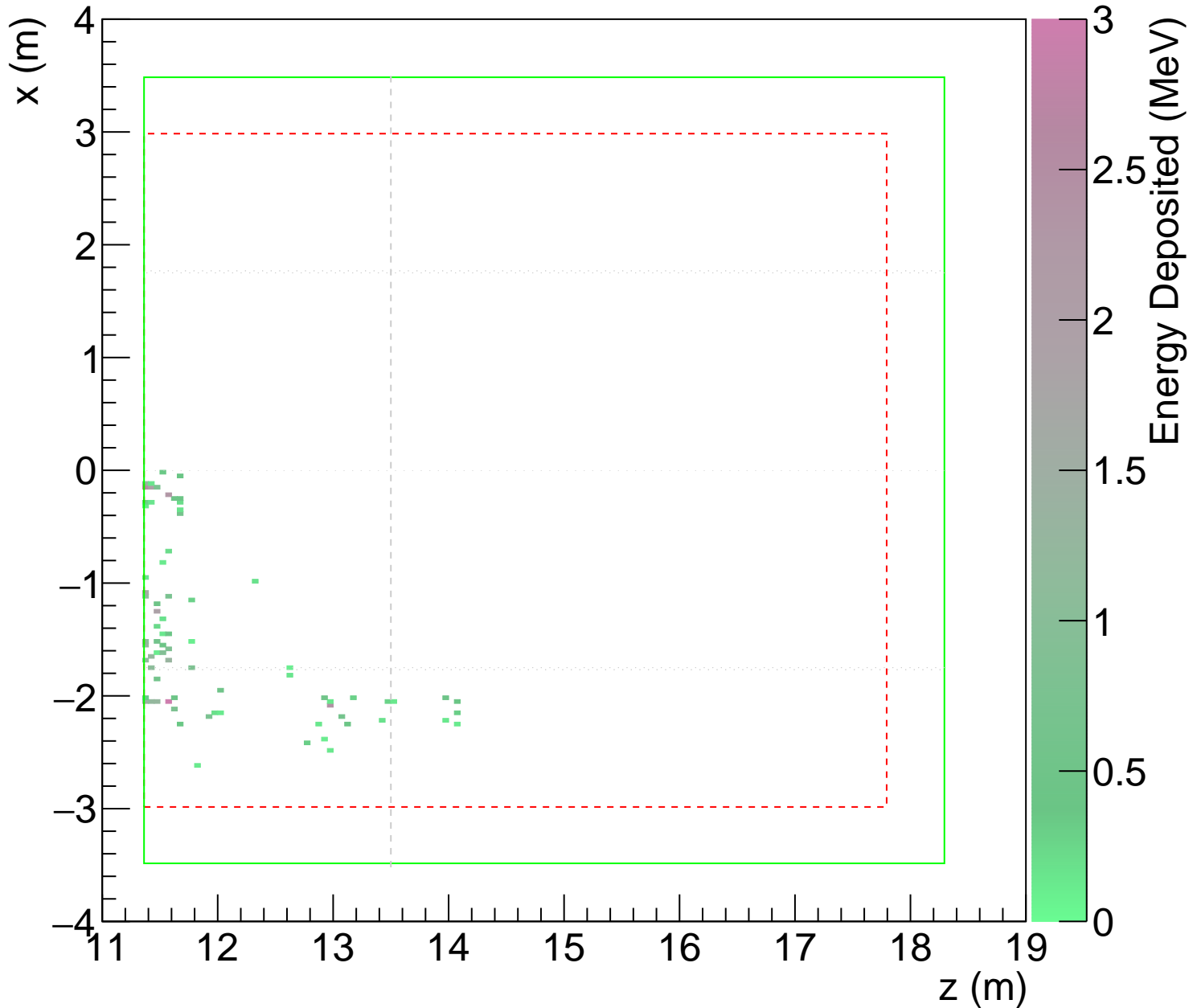


# Event 291 reconstructed

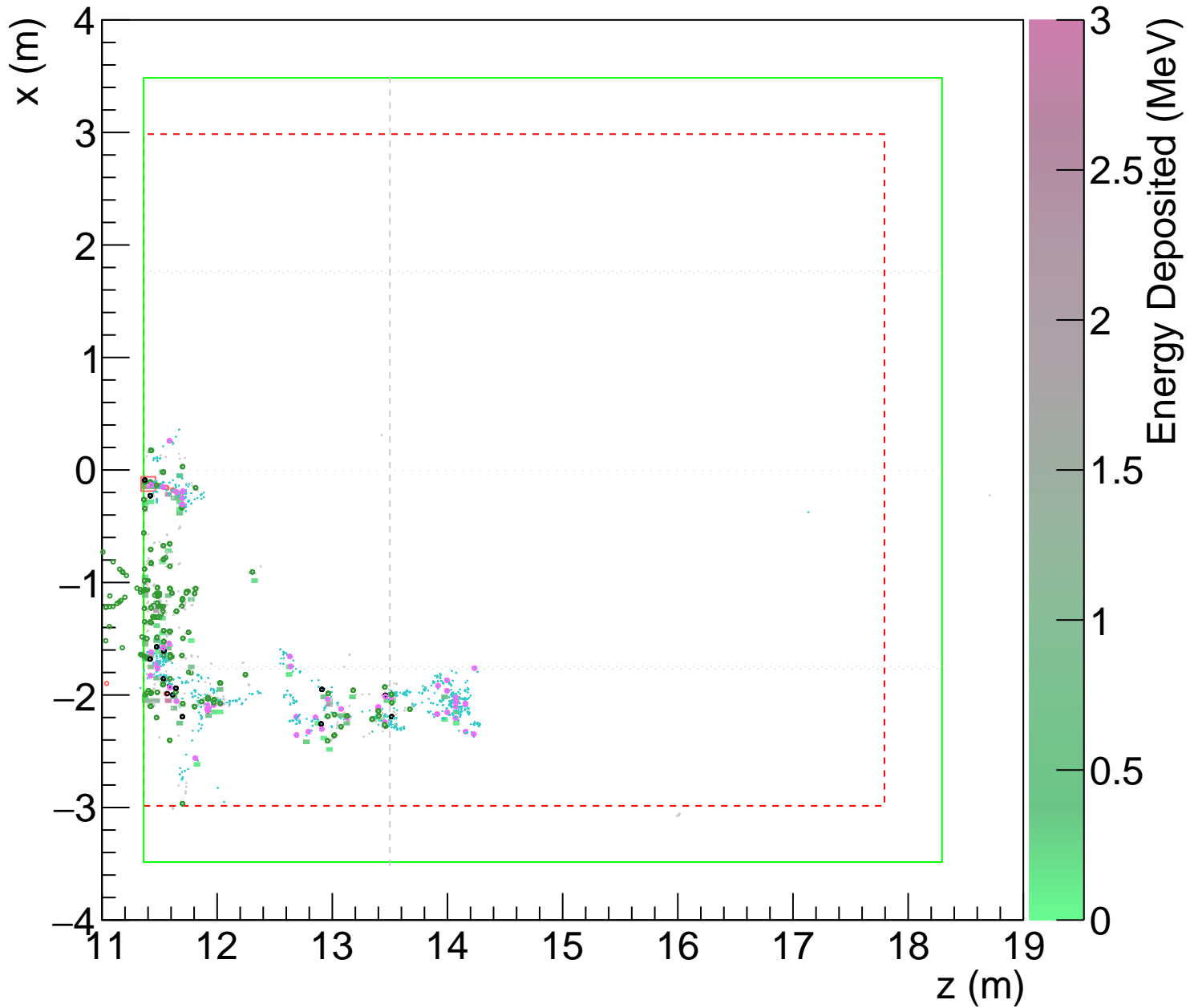
nLines: 1, nClusters: 7



Event 292, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.36$  GeV,  $E_{\mu}^{\text{true}}=0.30$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

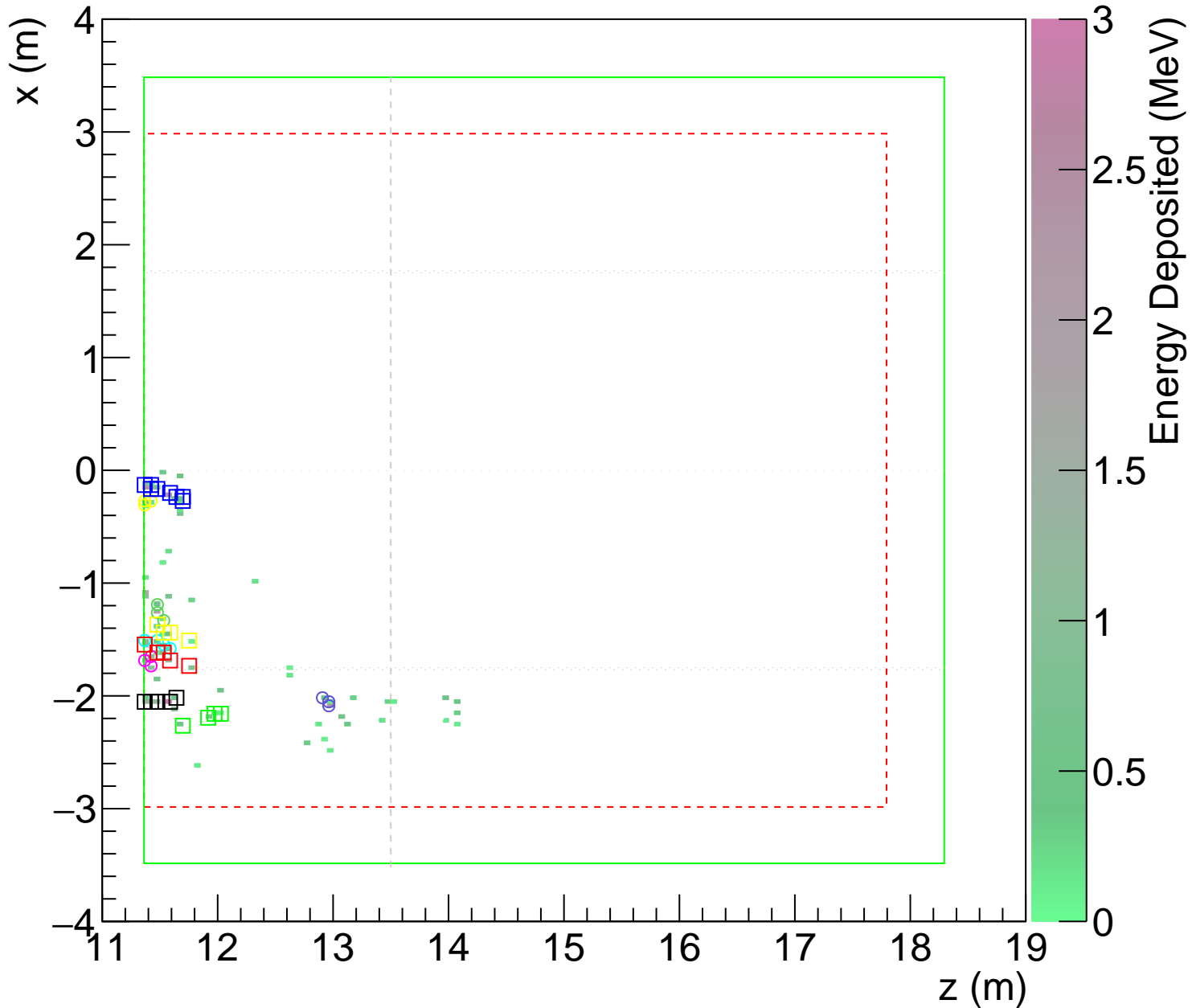


Event 292, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.36$  GeV,  $E_{\mu}^{\text{true}}=0.30$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

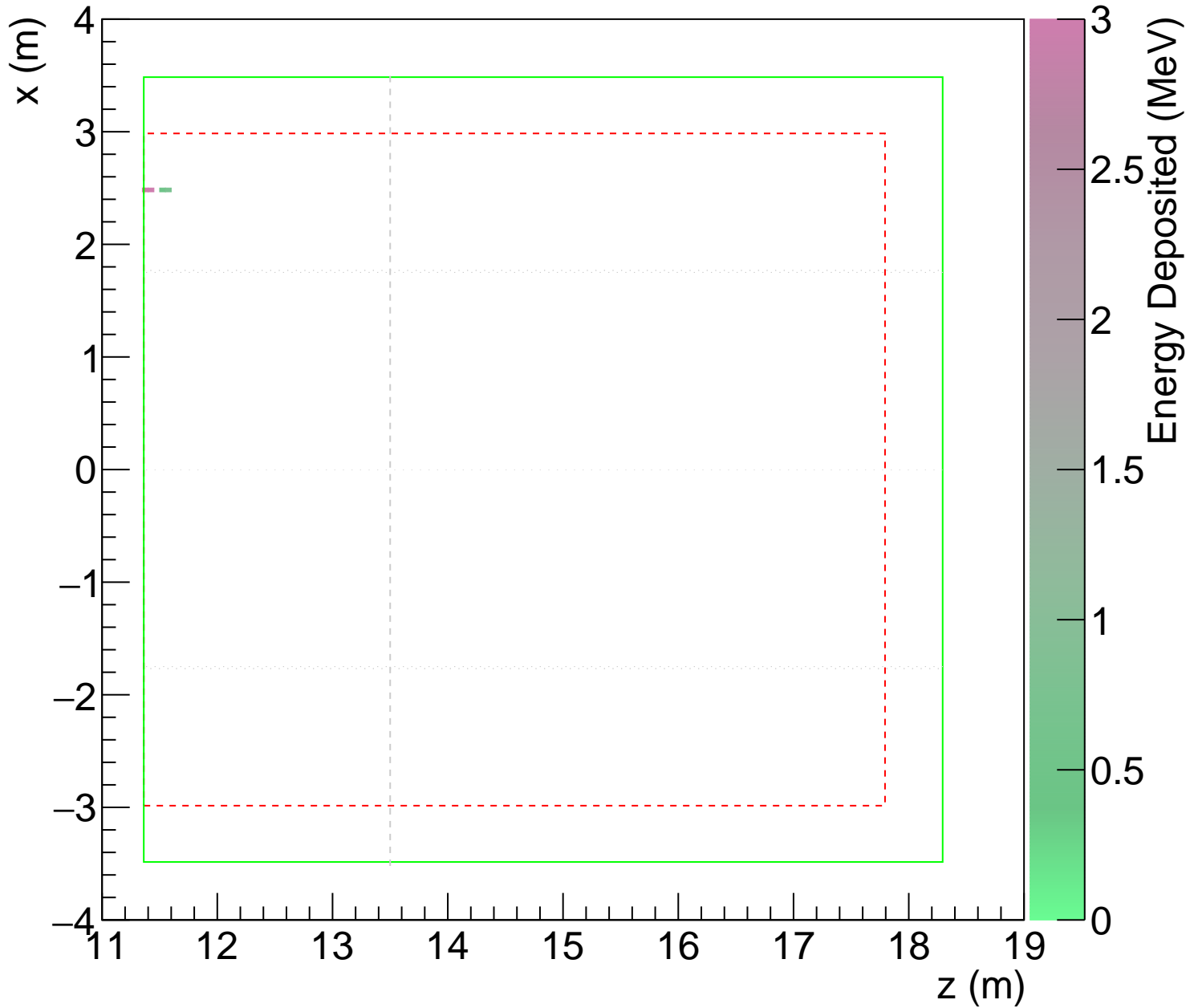


# Event 292 reconstructed

nLines: 5, nClusters: 6

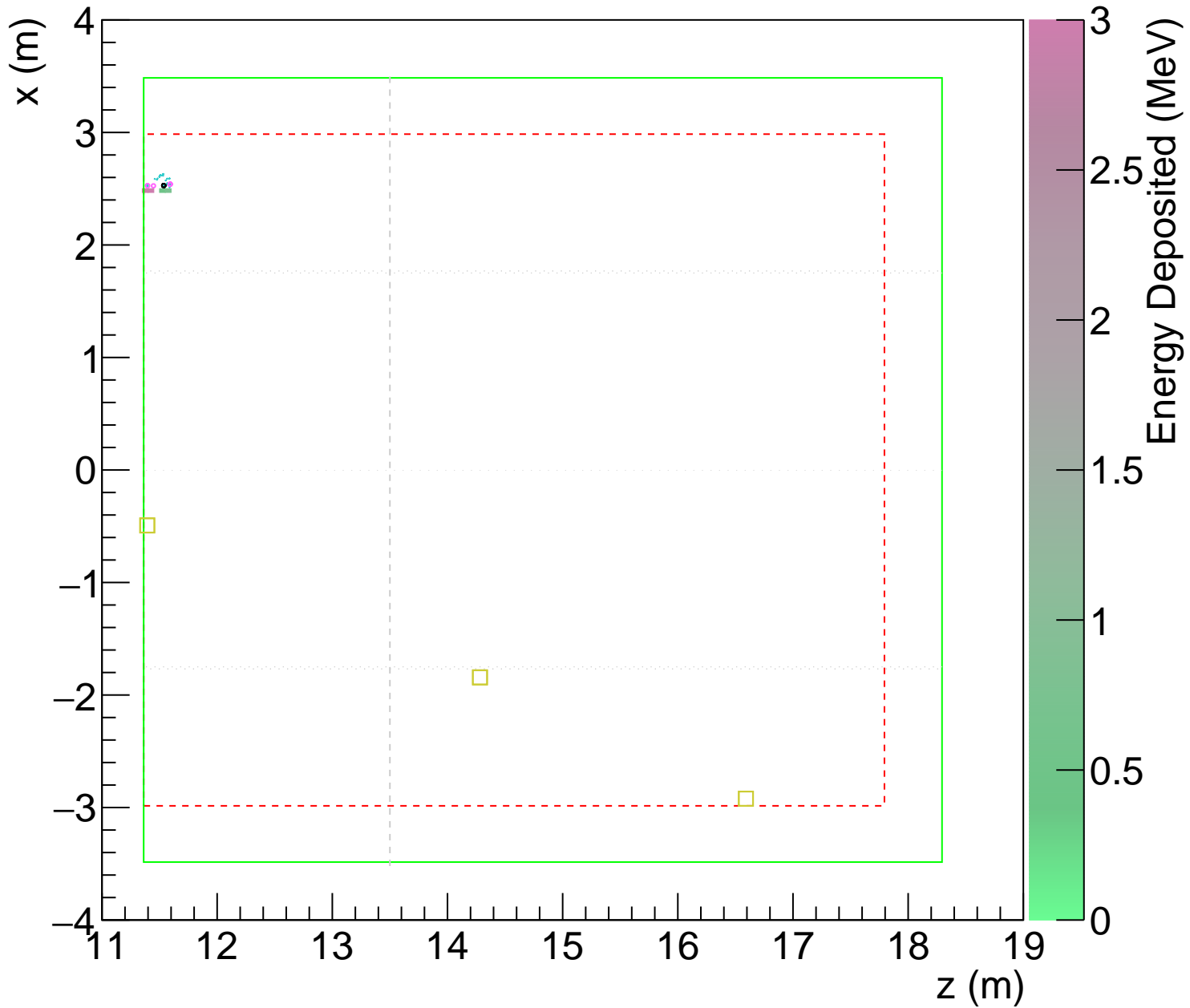


Event 297, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.52$  GeV,  $E_{\mu}^{\text{true}}=1.72$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



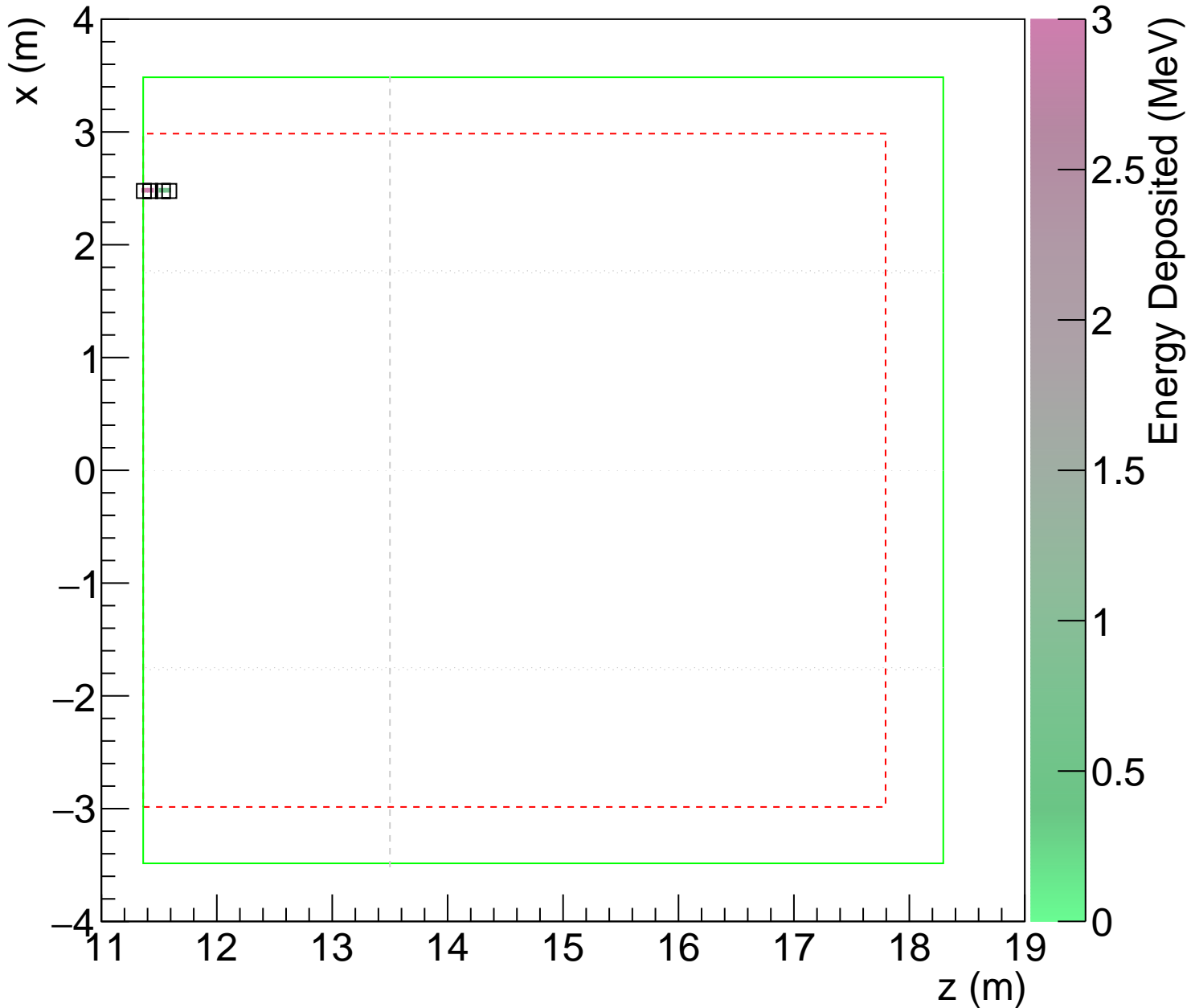


Event 297, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.52$  GeV,  $E_{\mu}^{\text{true}}=1.72$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

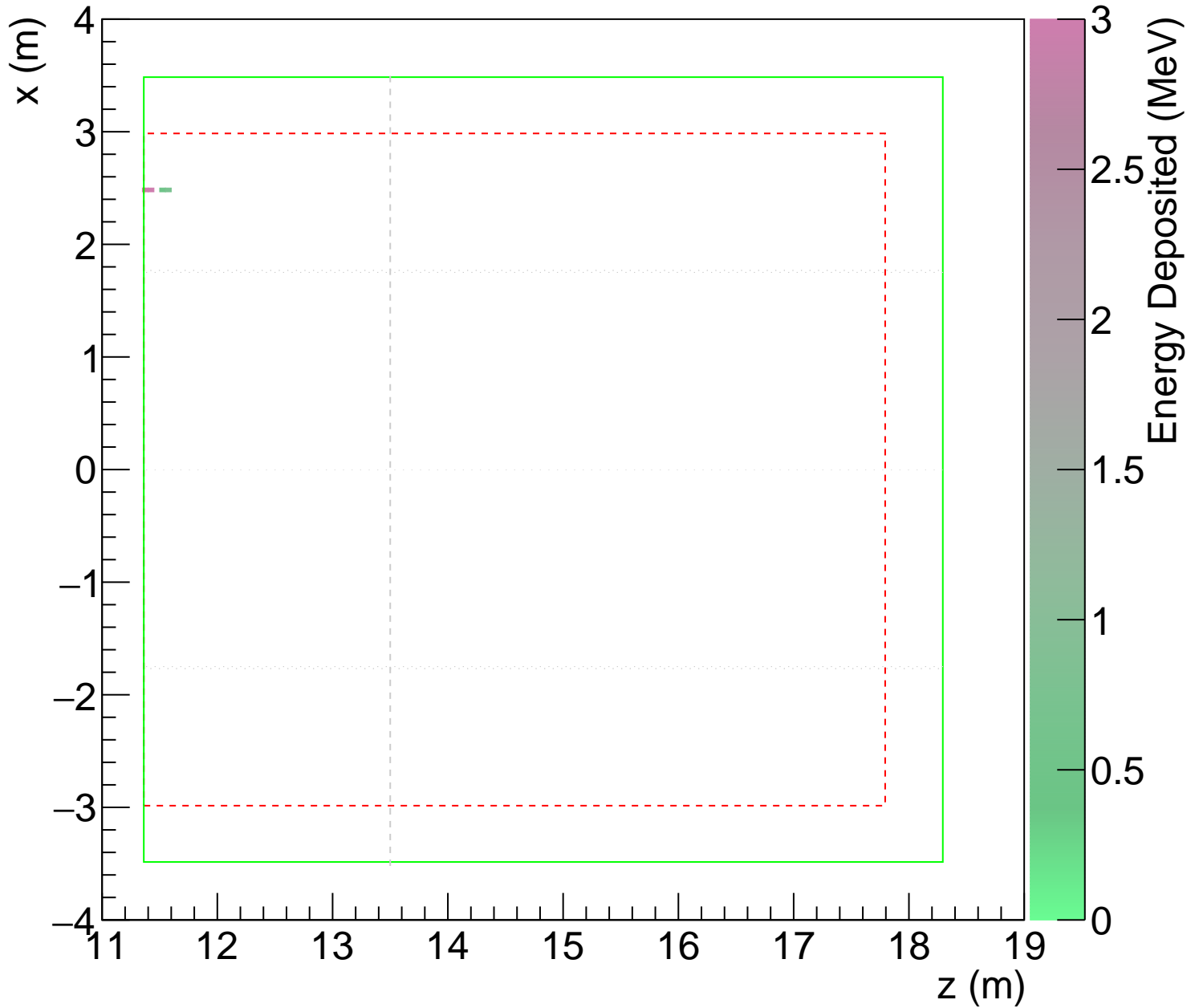


# Event 297 reconstructed

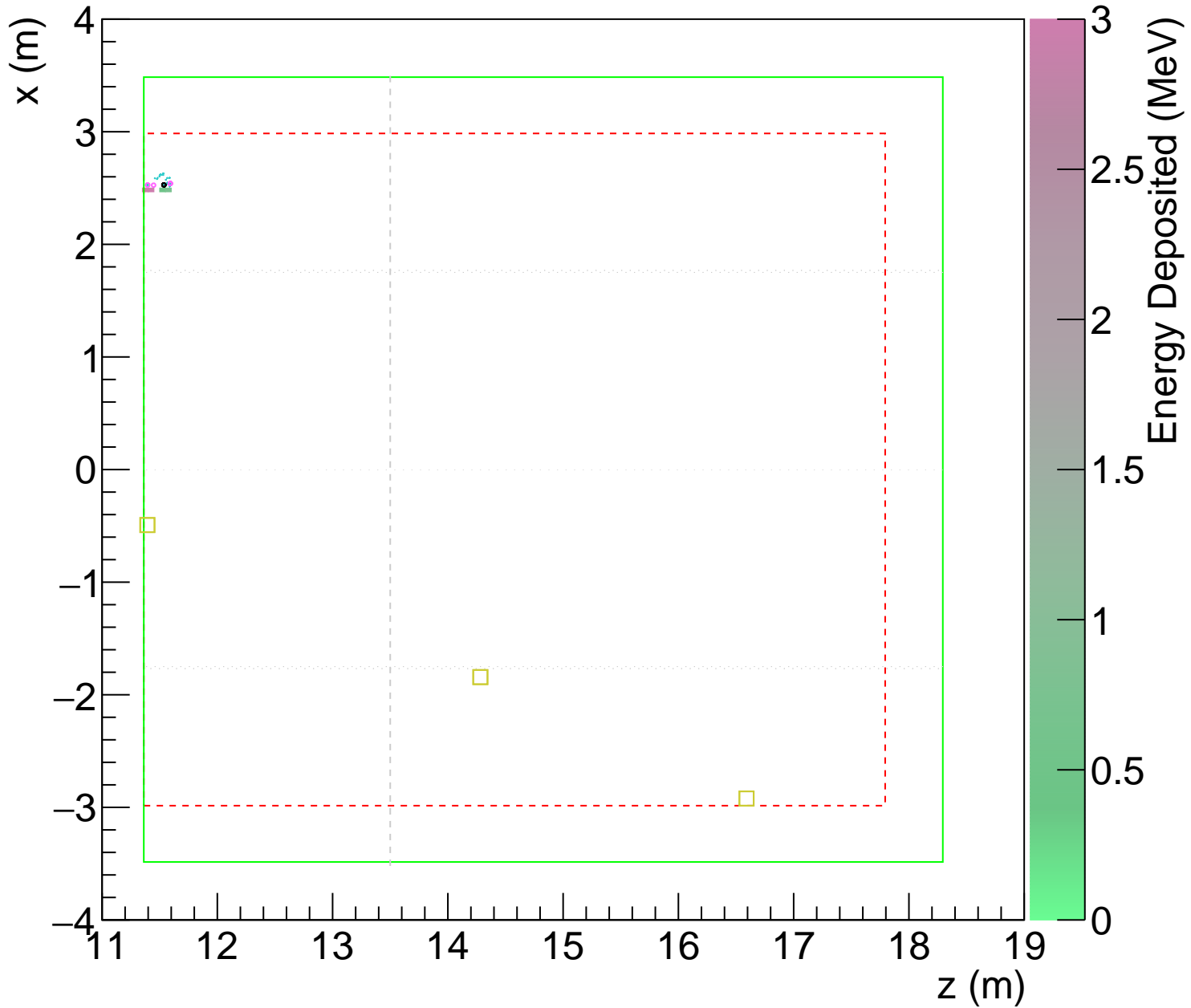
nLines: 1, nClusters: 0



Event 298, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.80$  GeV,  $E_{\mu}^{\text{true}}=1.72$  GeV  
nu:14,tgt:1000140280,N:2212,proc:Weak[CC],RES,res:0,

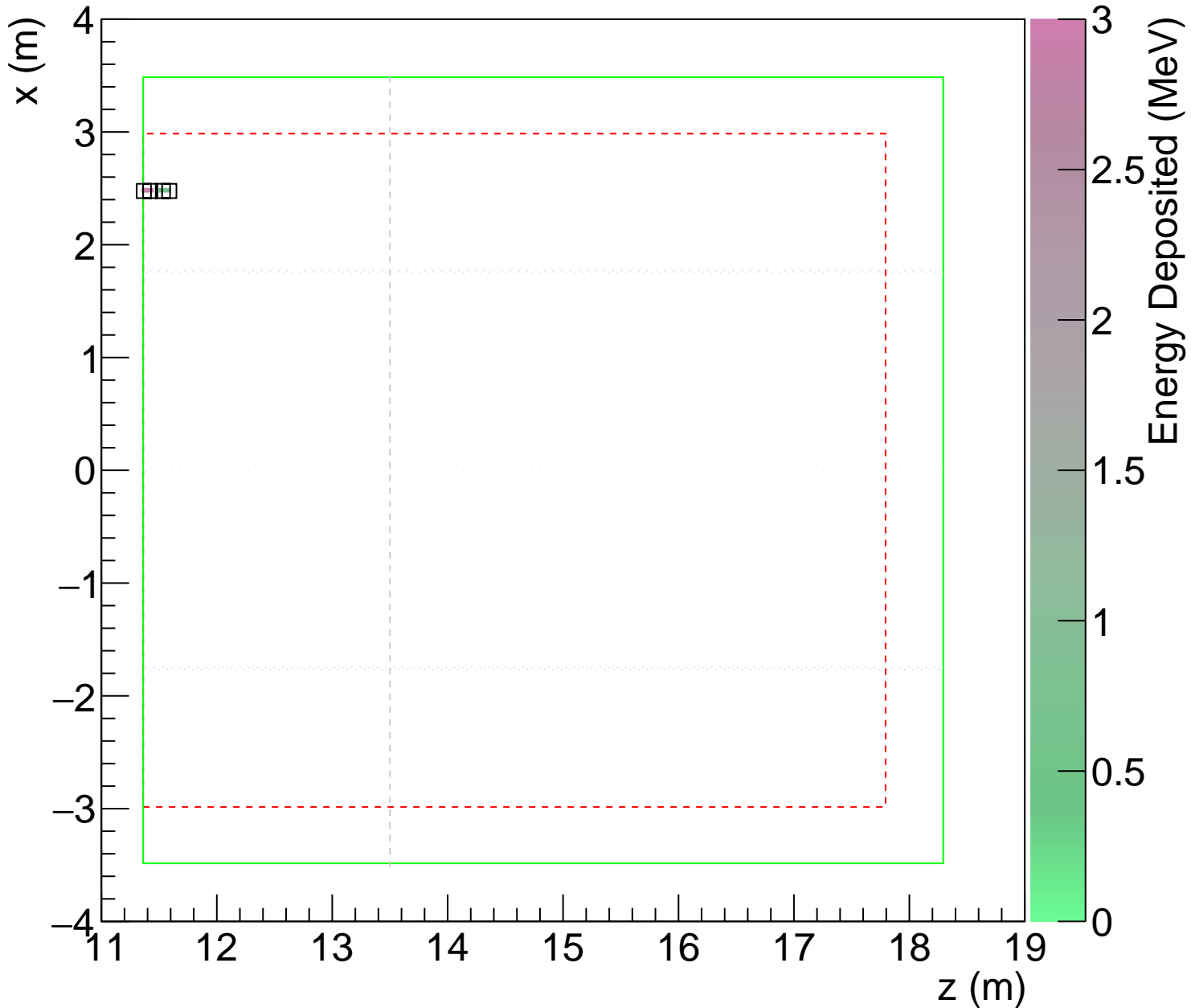


Event 298, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.80$  GeV,  $E_{\mu}^{\text{true}}=1.72$  GeV  
nu:14,tgt:1000140280,N:2212,proc:Weak[CC],RES,res:0,

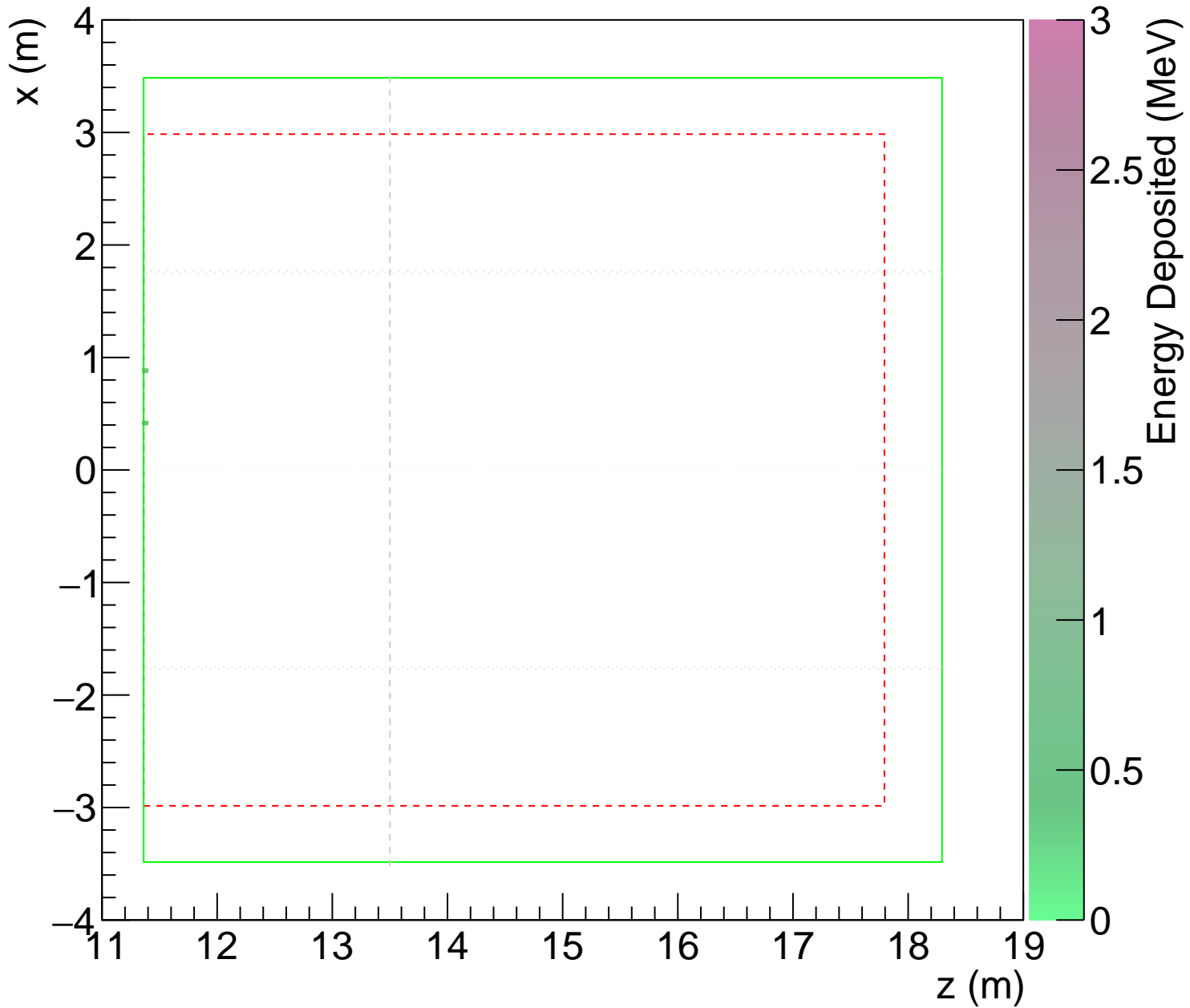


# Event 298 reconstructed

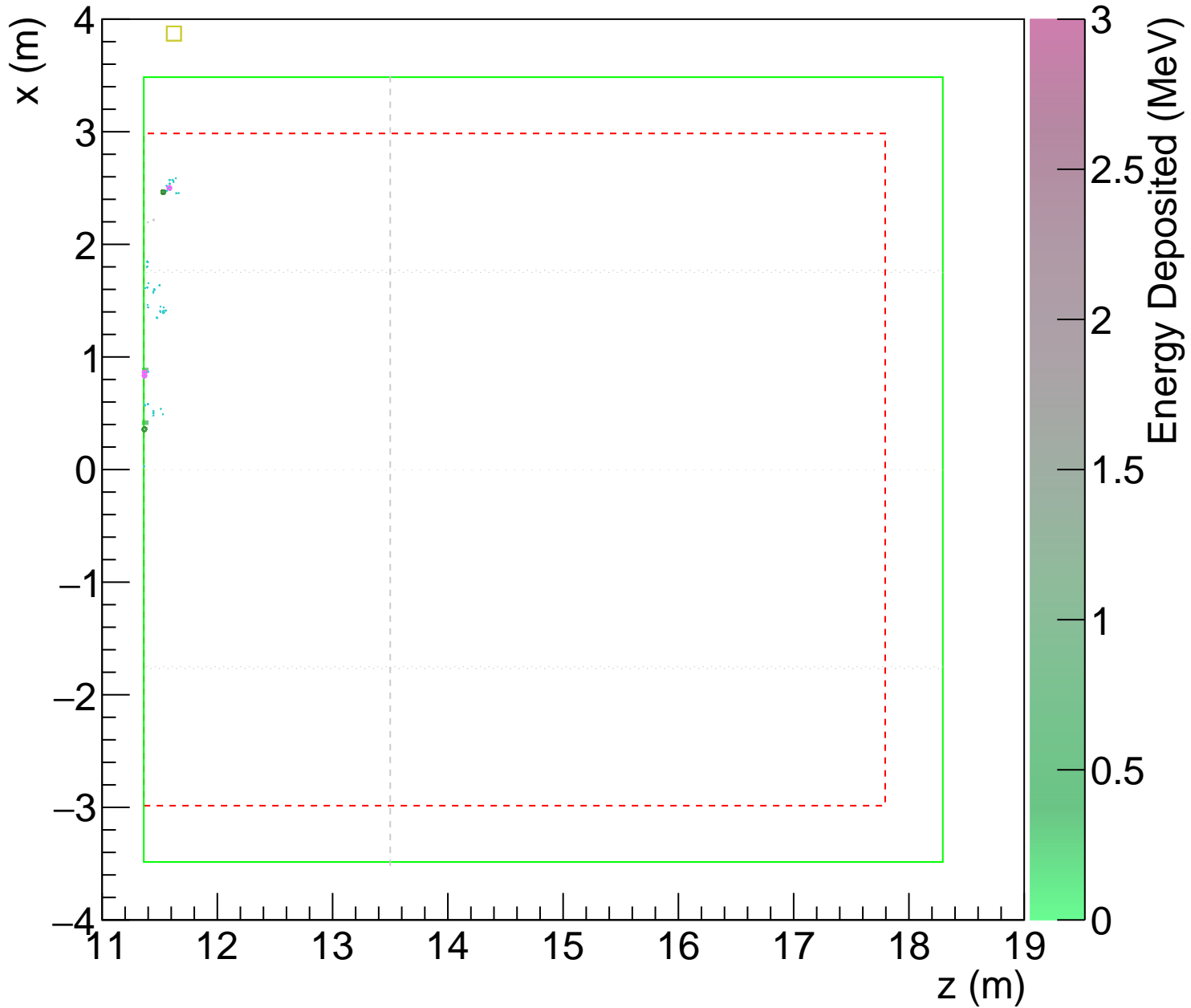
nLines: 1, nClusters: 0



Event 300, all reco hits,  $\nu^{\text{true}}$  PDG: -12,  $E_{\nu}^{\text{true}}=20.43$  GeV,  $E_{\mu}^{\text{true}}=0.92$  GeV  
nu:-12,tgt:1000180400,N:2112,q:2(v),proc:Weak[CC],DIS,

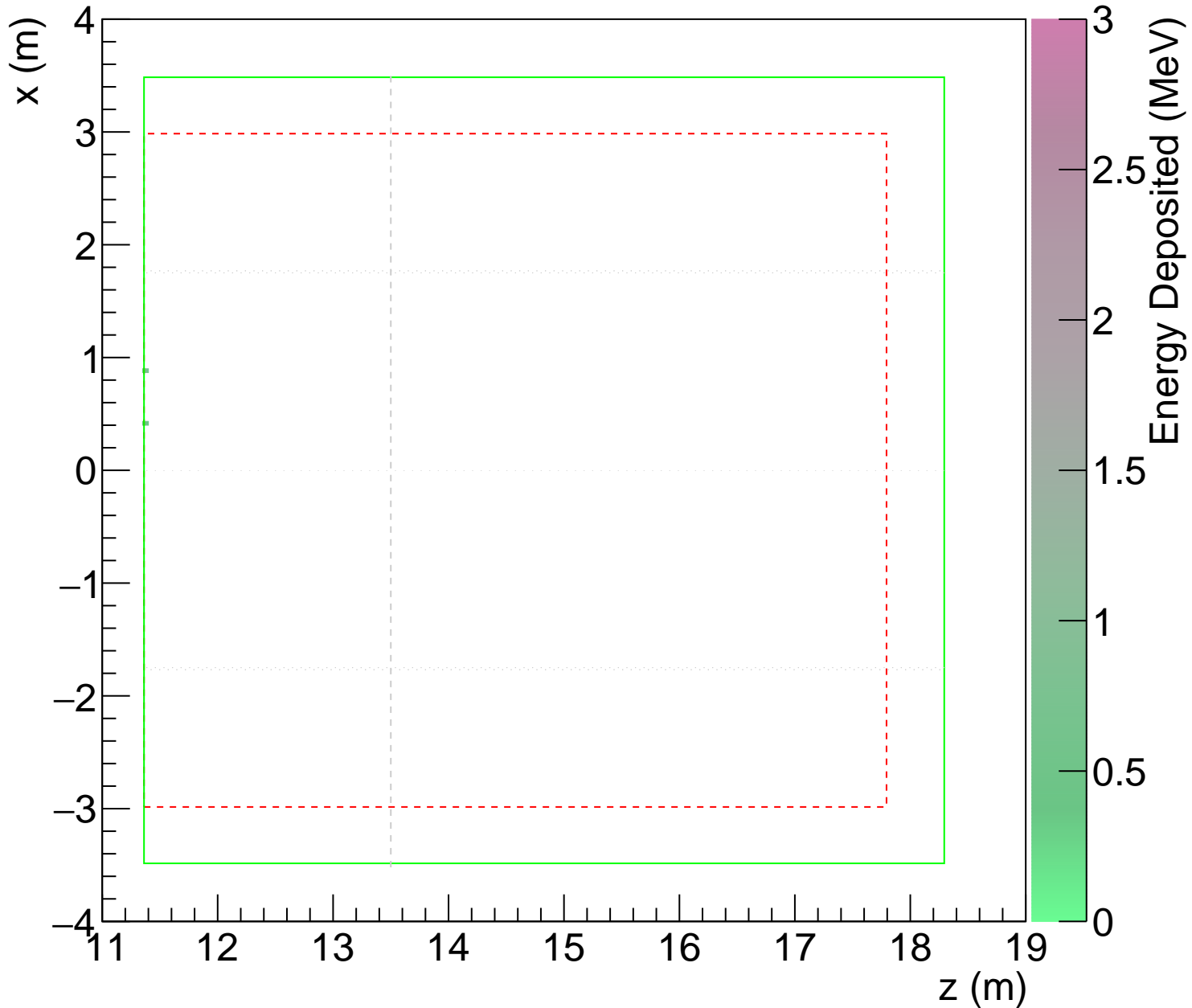


Event 300, all reco hits,  $\nu^{\text{true}}$  PDG: -12,  $E_{\nu}^{\text{true}}=20.43$  GeV,  $E_{\mu}^{\text{true}}=0.92$  GeV  
nu:-12,tgt:1000180400,N:2112,q:2(v),proc:Weak[CC],DIS,



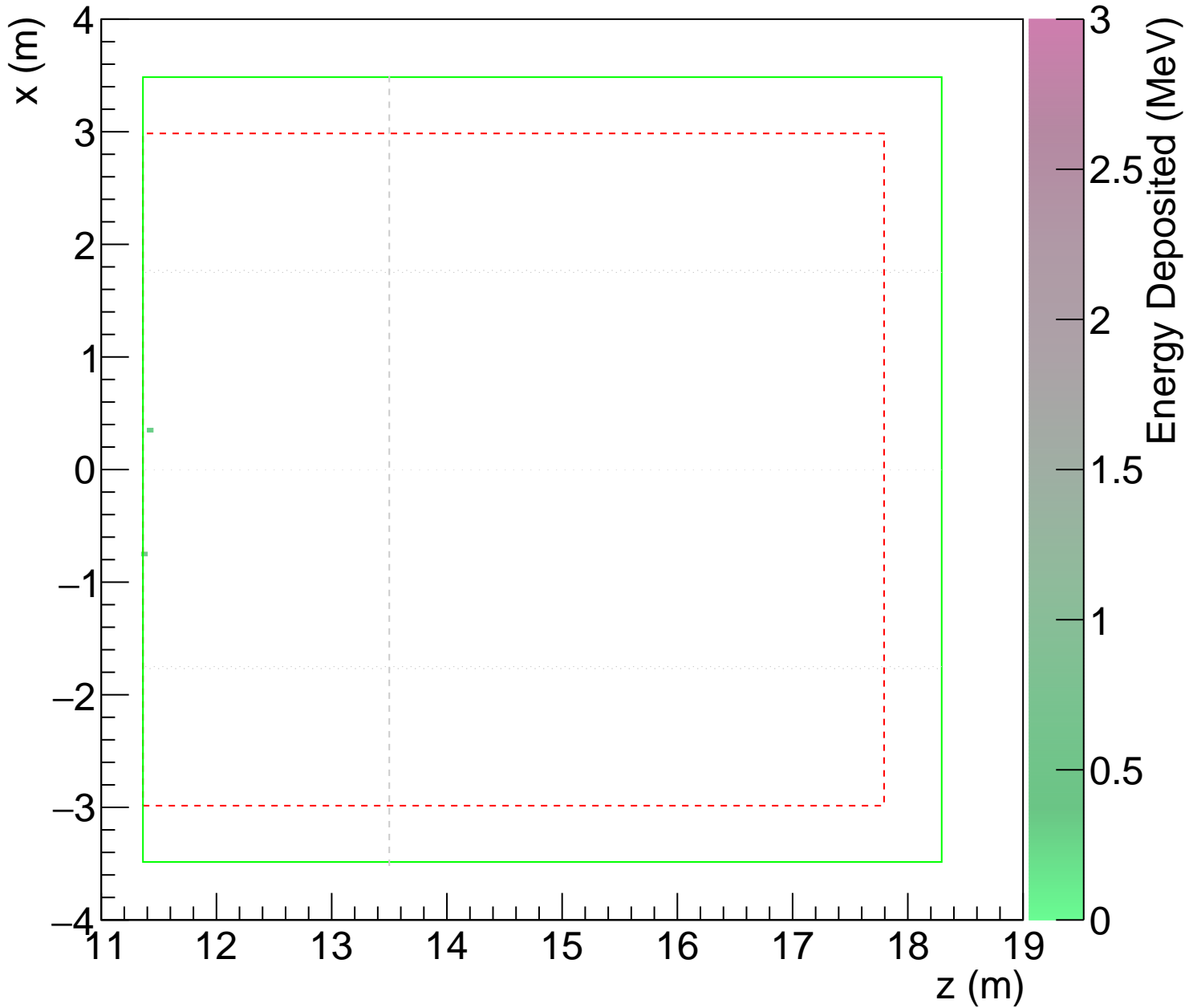
# Event 300 reconstructed

nLines: 0, nClusters: 0

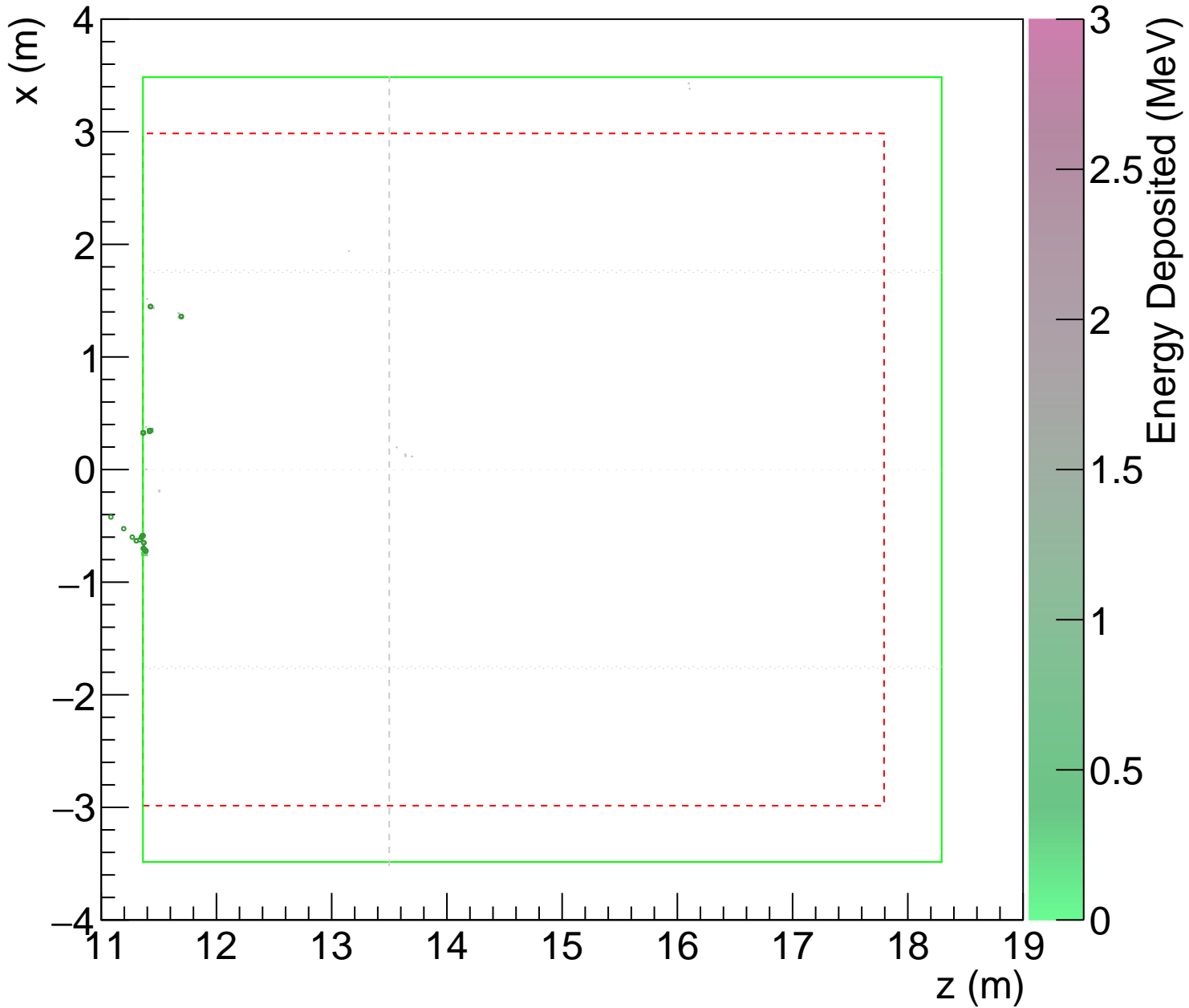




Event 301, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=4.16$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,proc:Weak[CC],QES,

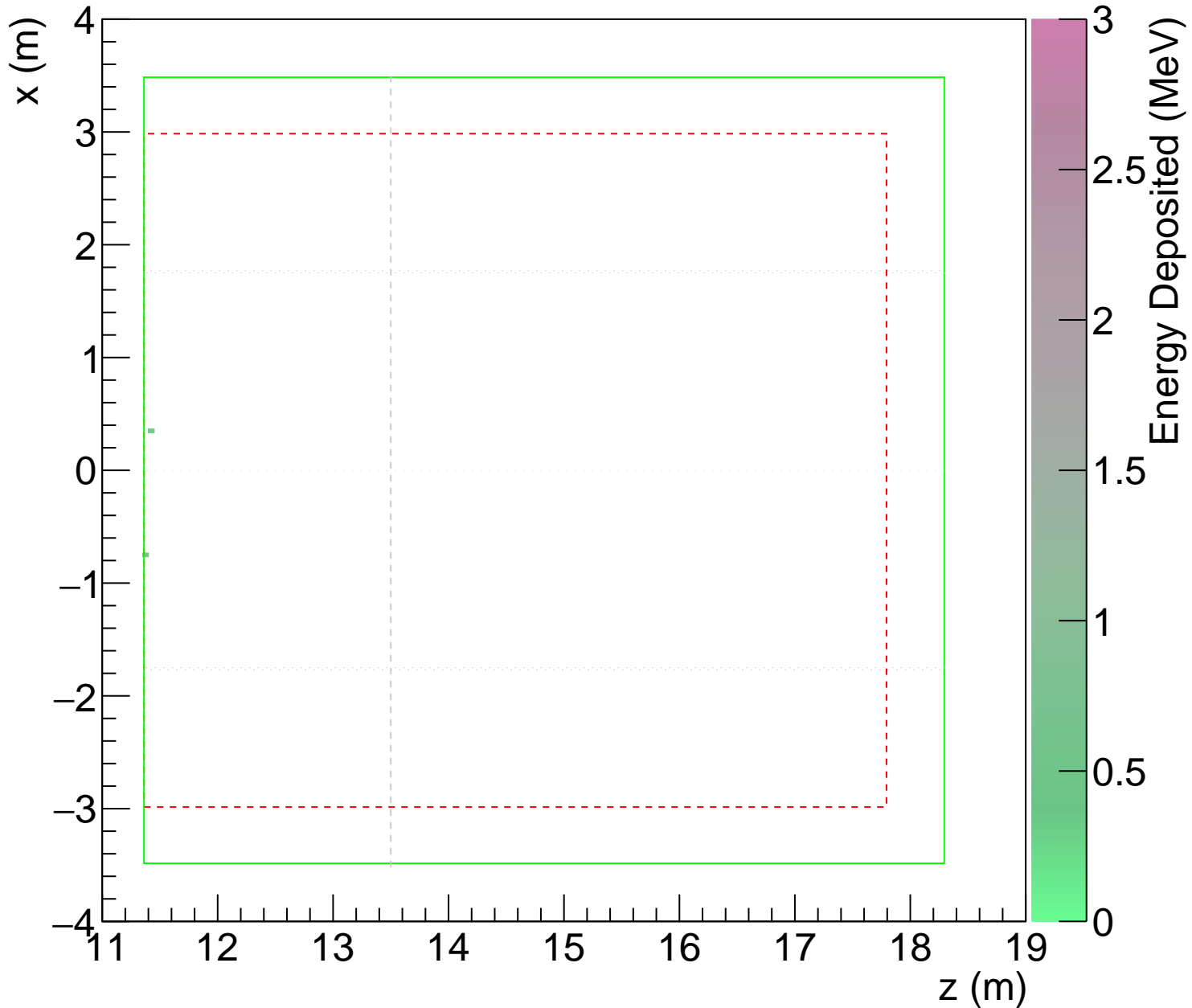


Event 301, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=4.16$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,proc:Weak[CC],QES,

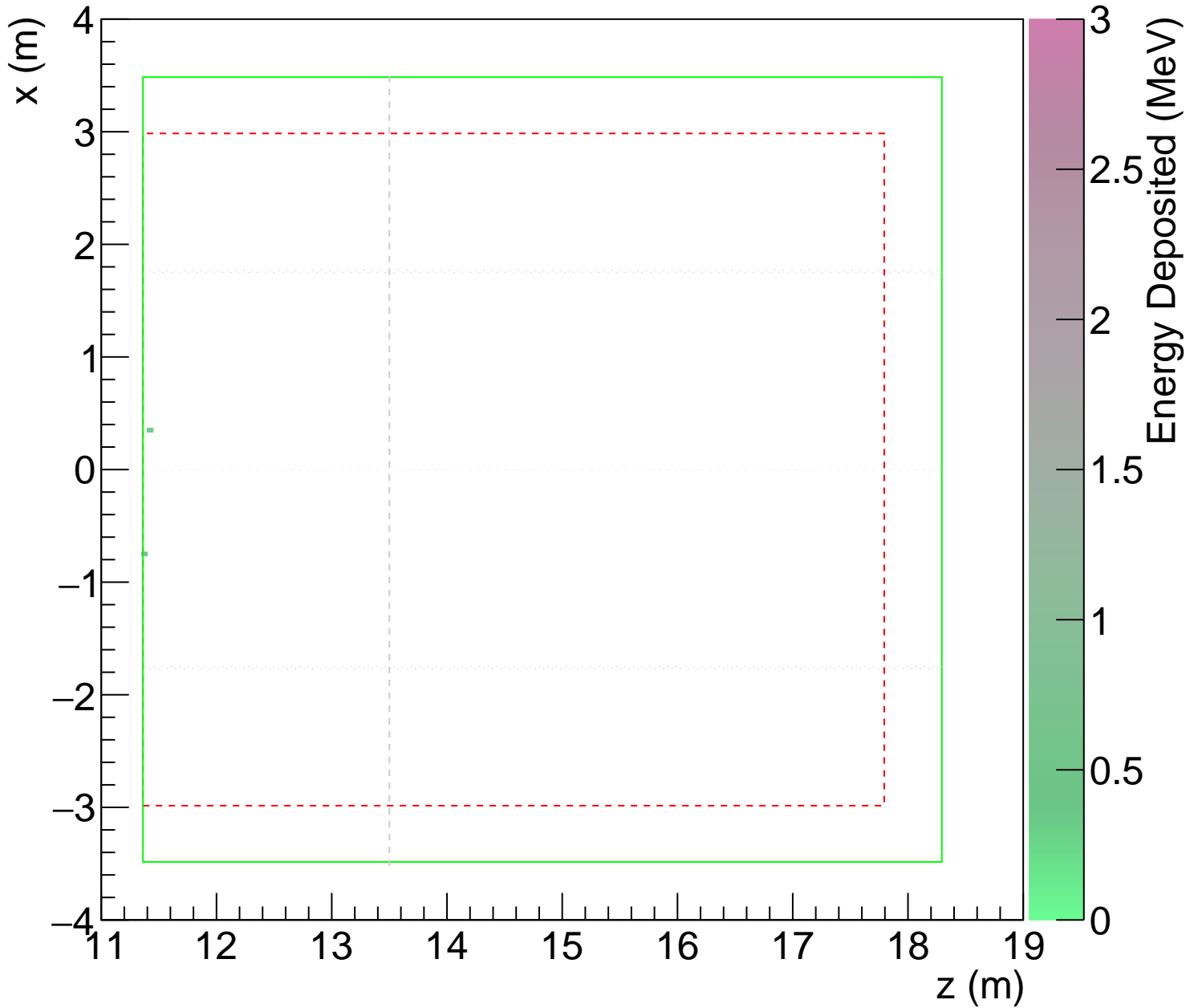


# Event 301 reconstructed

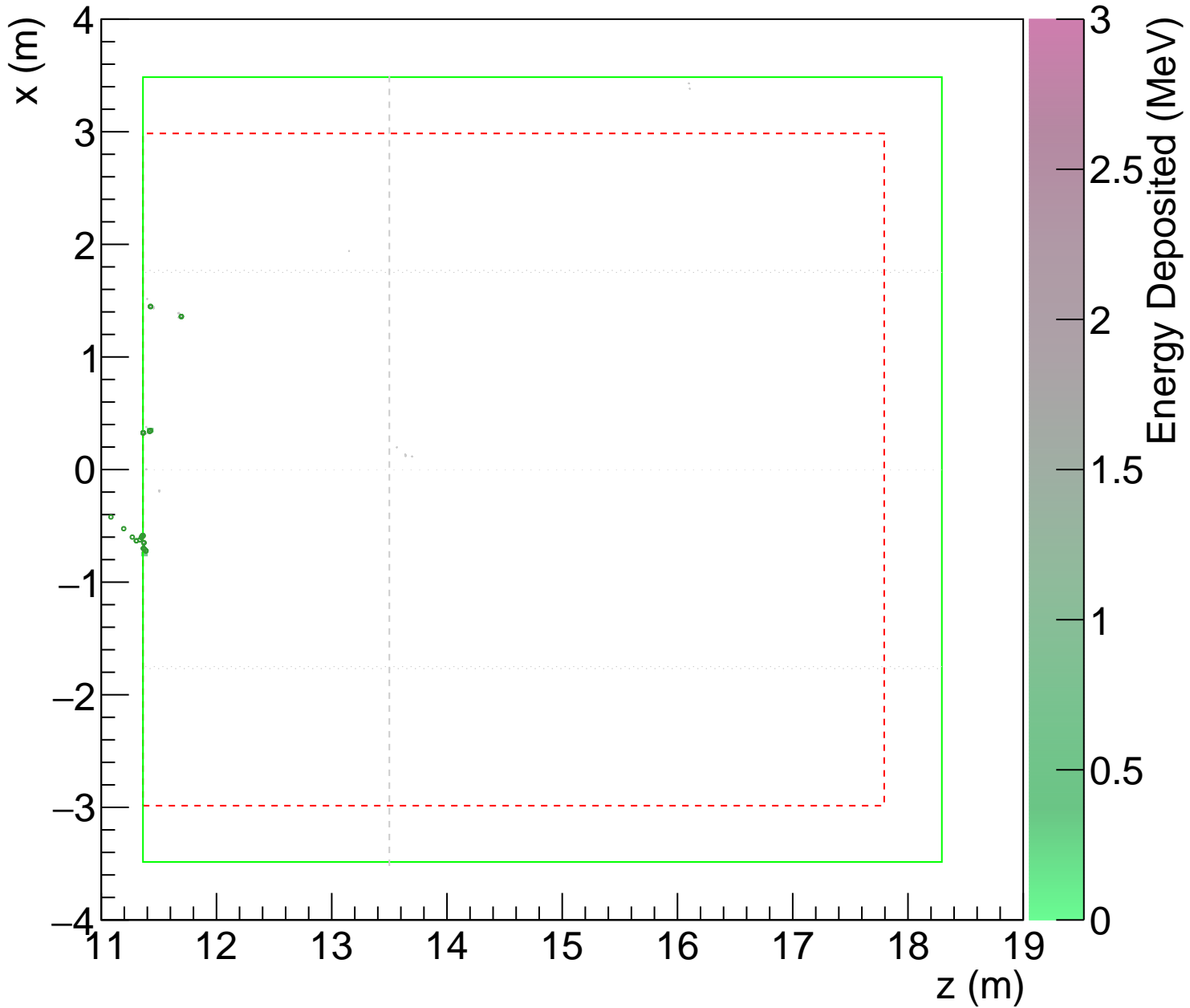
nLines: 0, nClusters: 0



Event 302, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.66$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

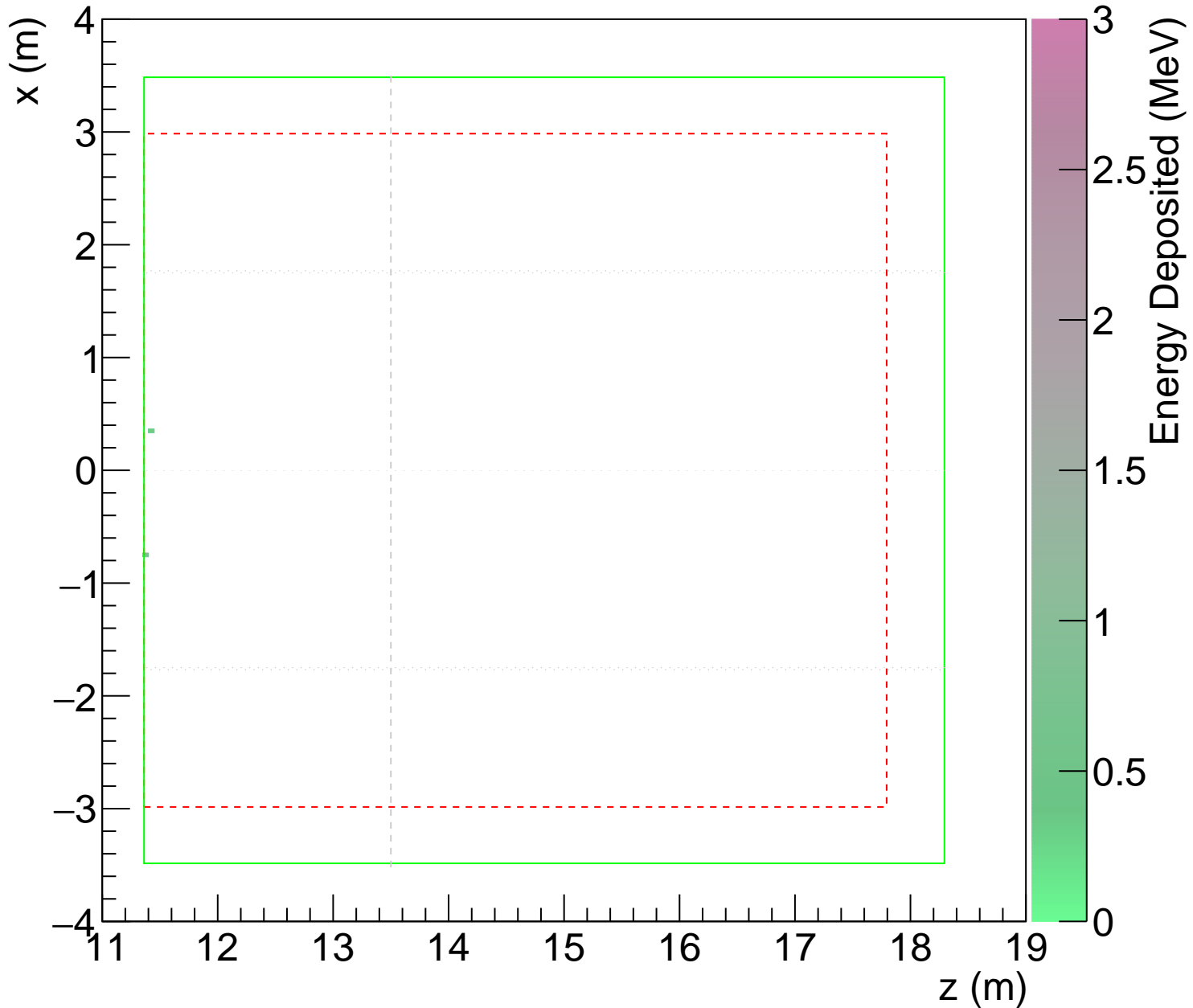


Event 302, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.66$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

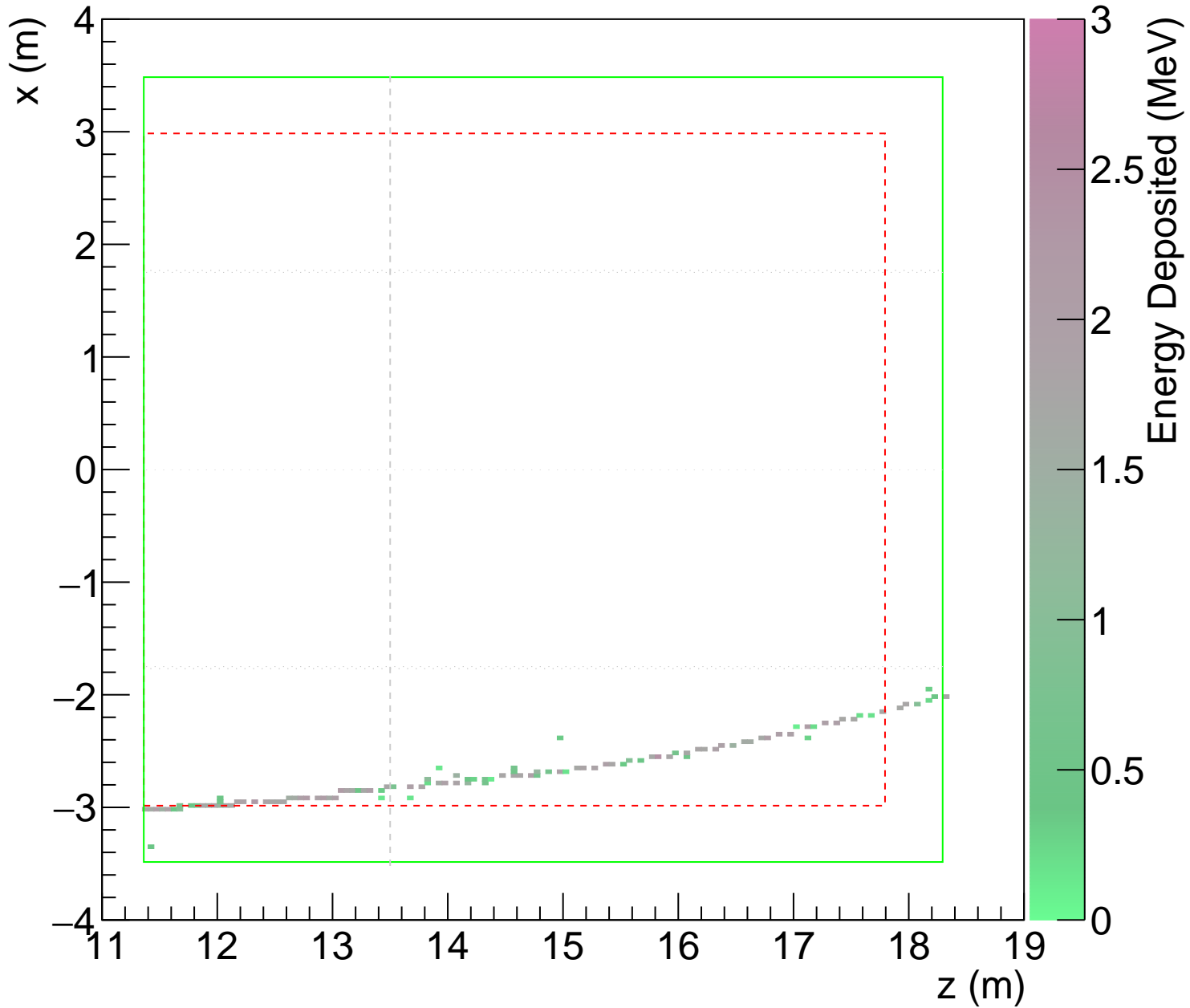


# Event 302 reconstructed

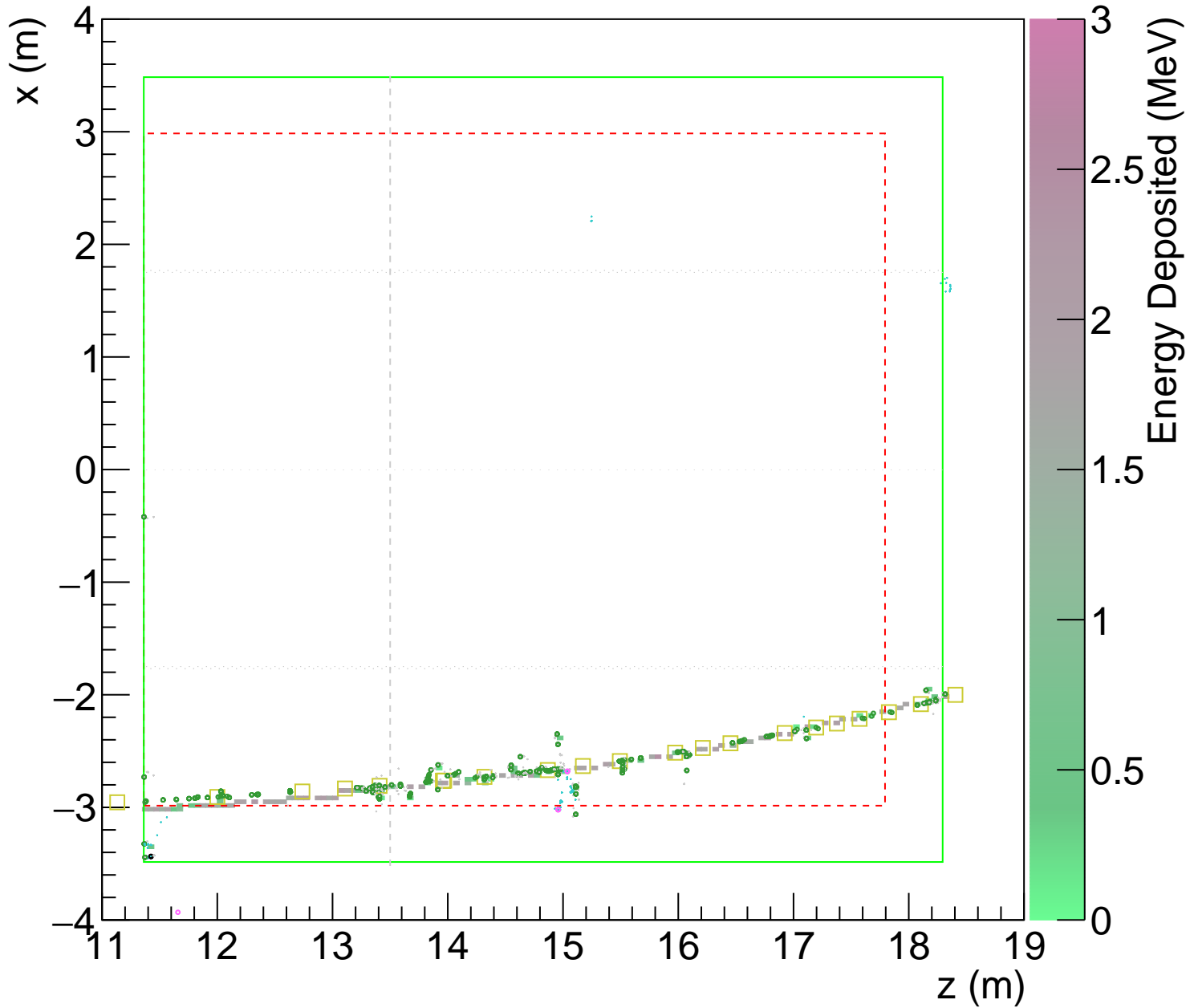
nLines: 0, nClusters: 0



Event 304, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=17.63$  GeV,  $E_{\mu}^{\text{true}}=8.42$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



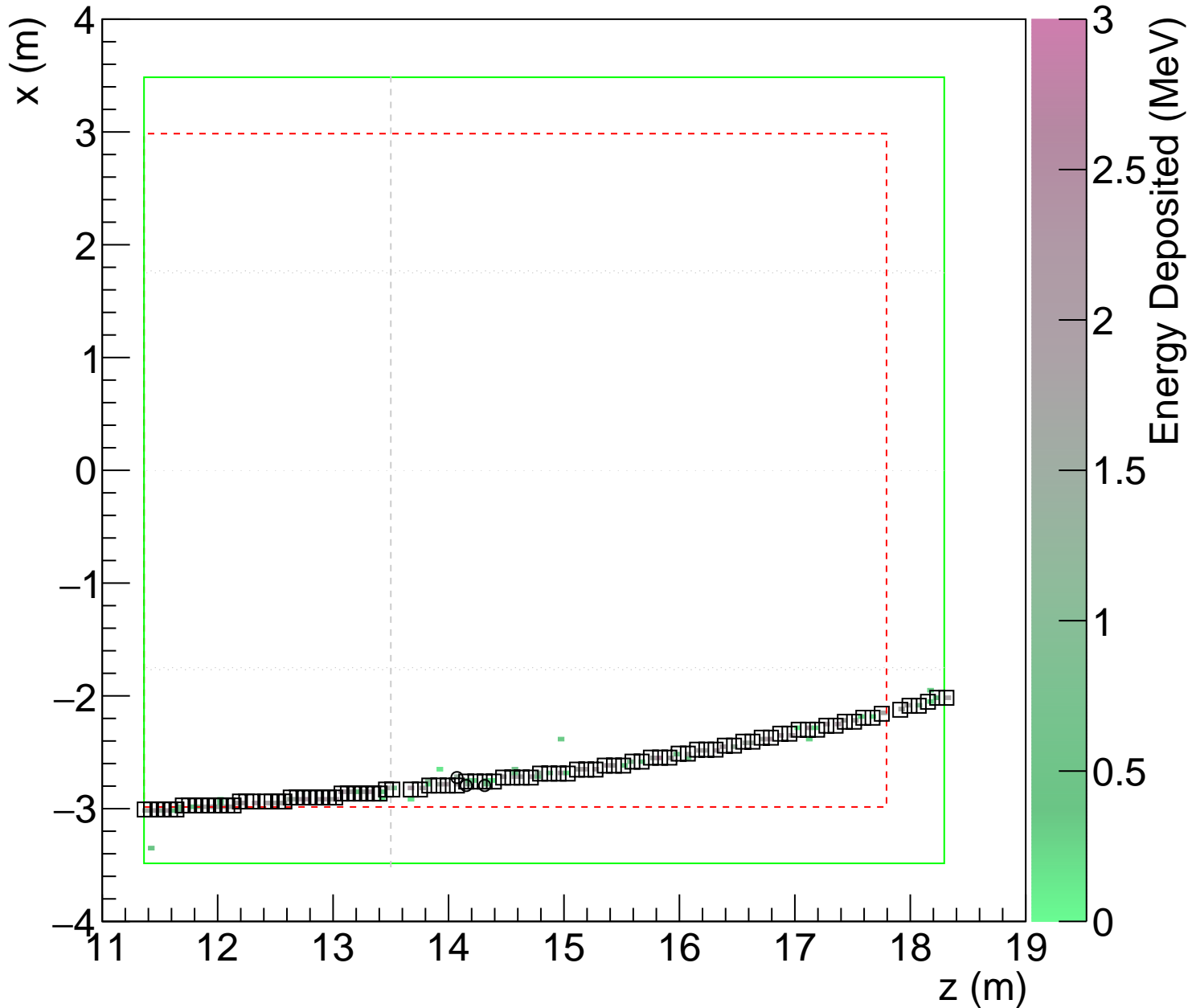
Event 304, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=17.63$  GeV,  $E_{\mu}^{\text{true}}=8.42$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



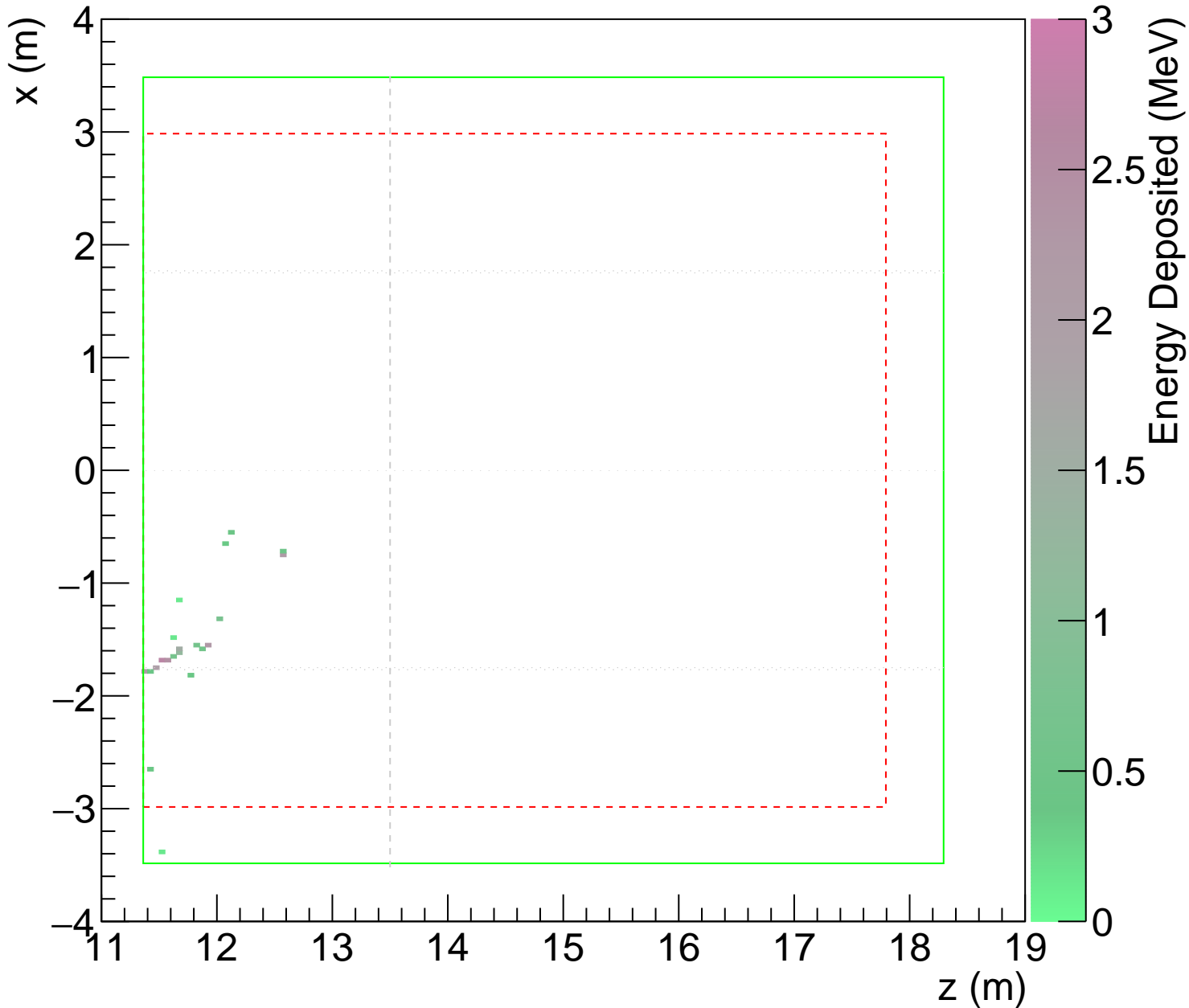


# Event 304 reconstructed

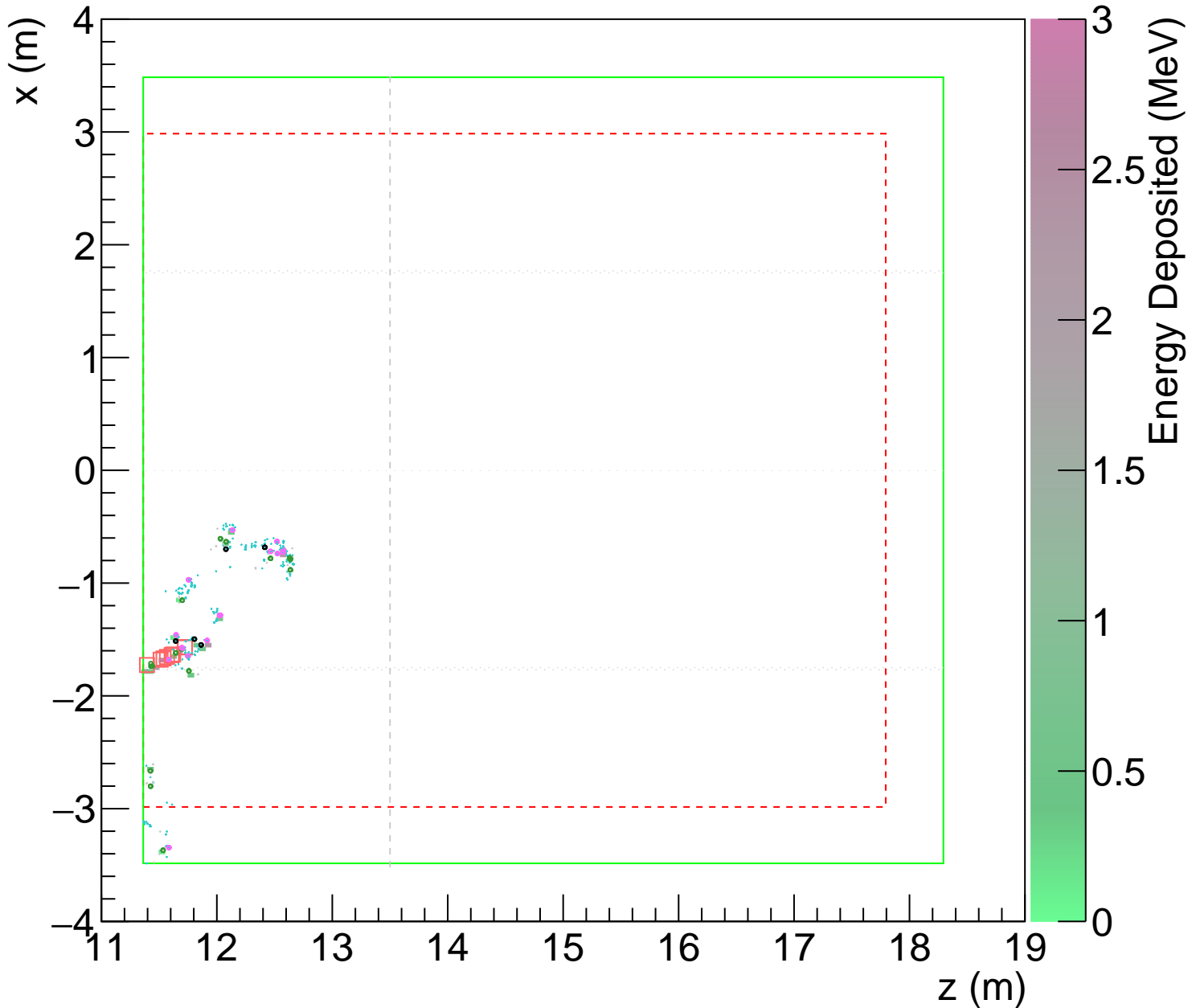
nLines: 1, nClusters: 1



Event 307, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.33$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

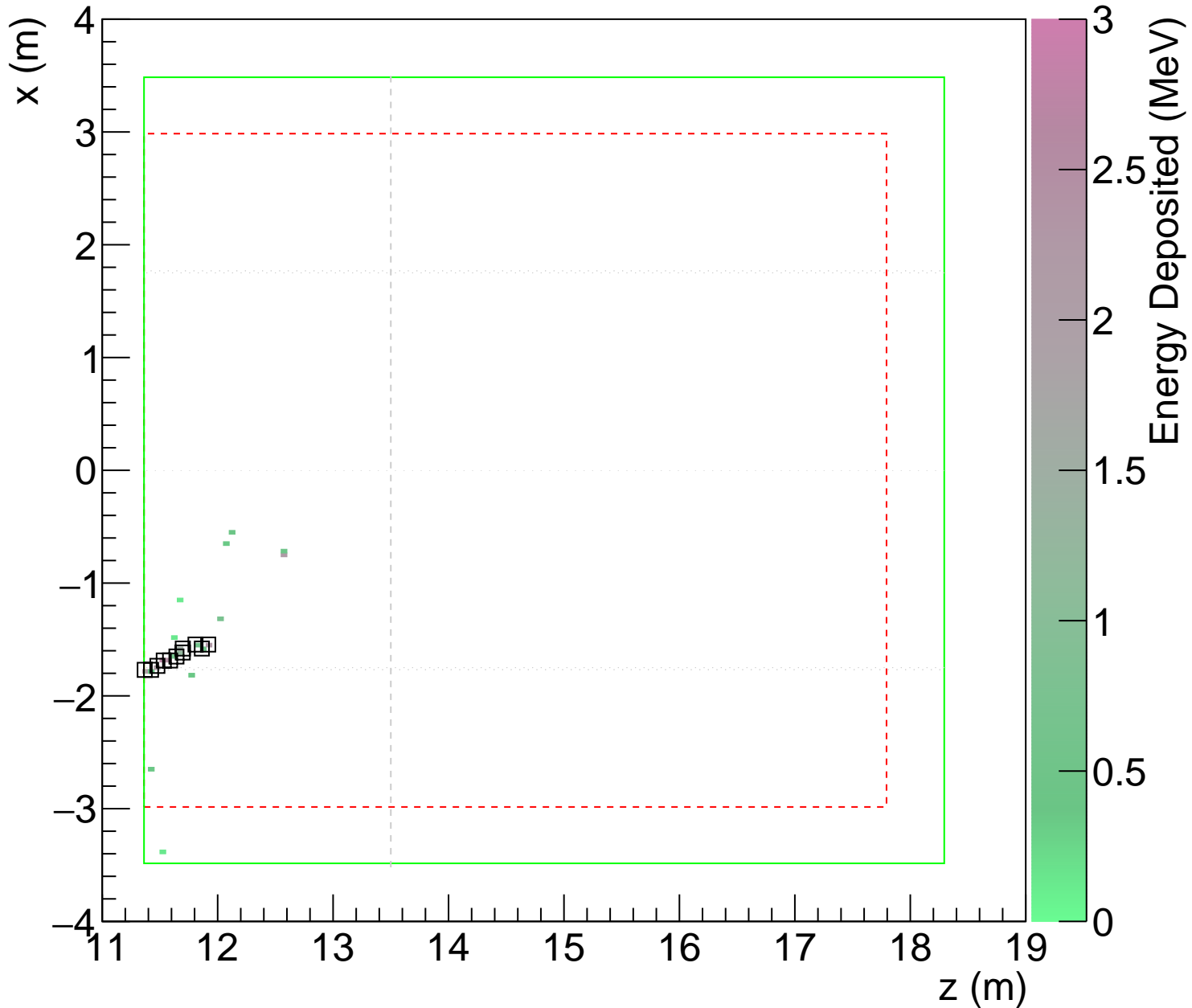


Event 307, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.33$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

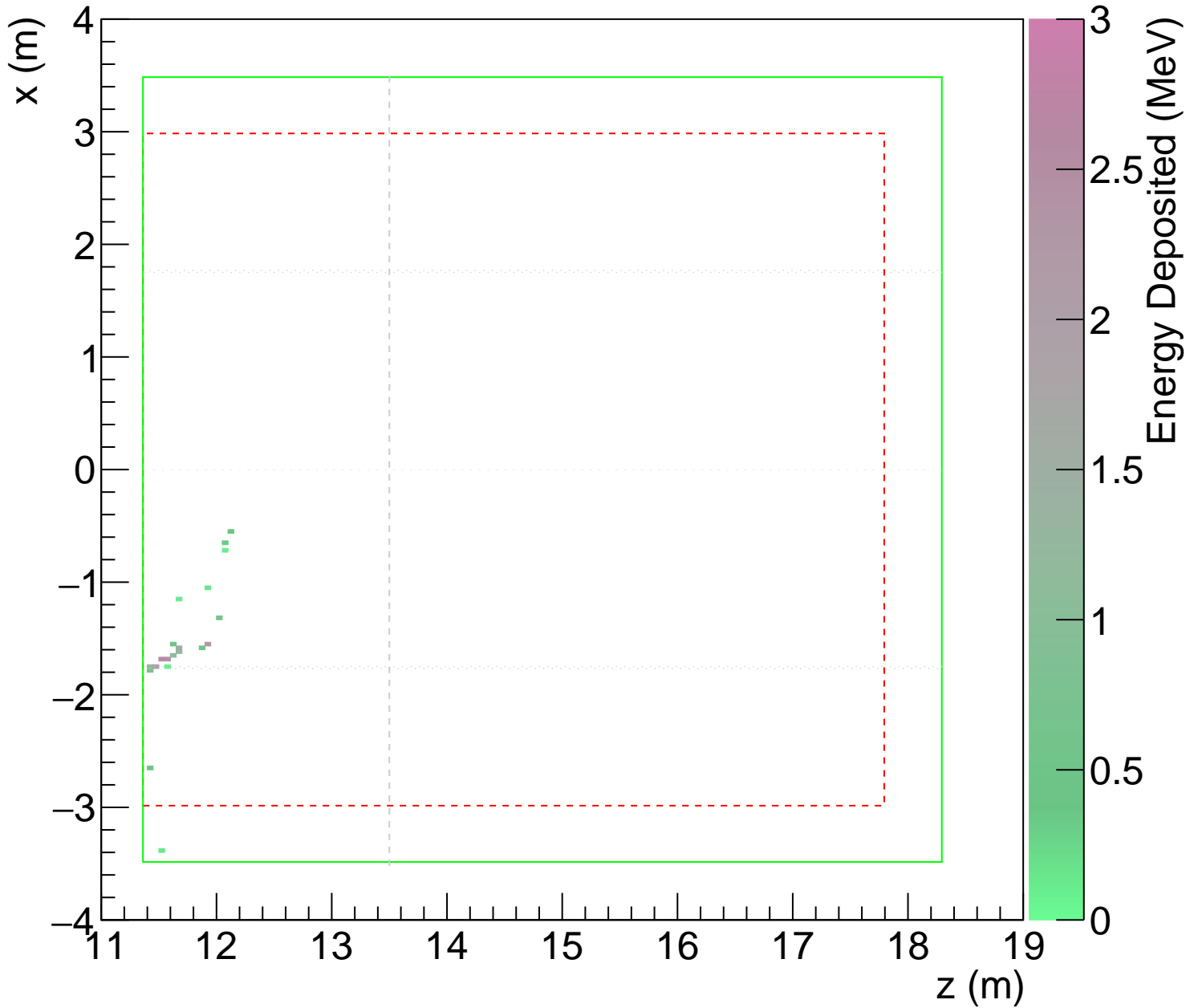


# Event 307 reconstructed

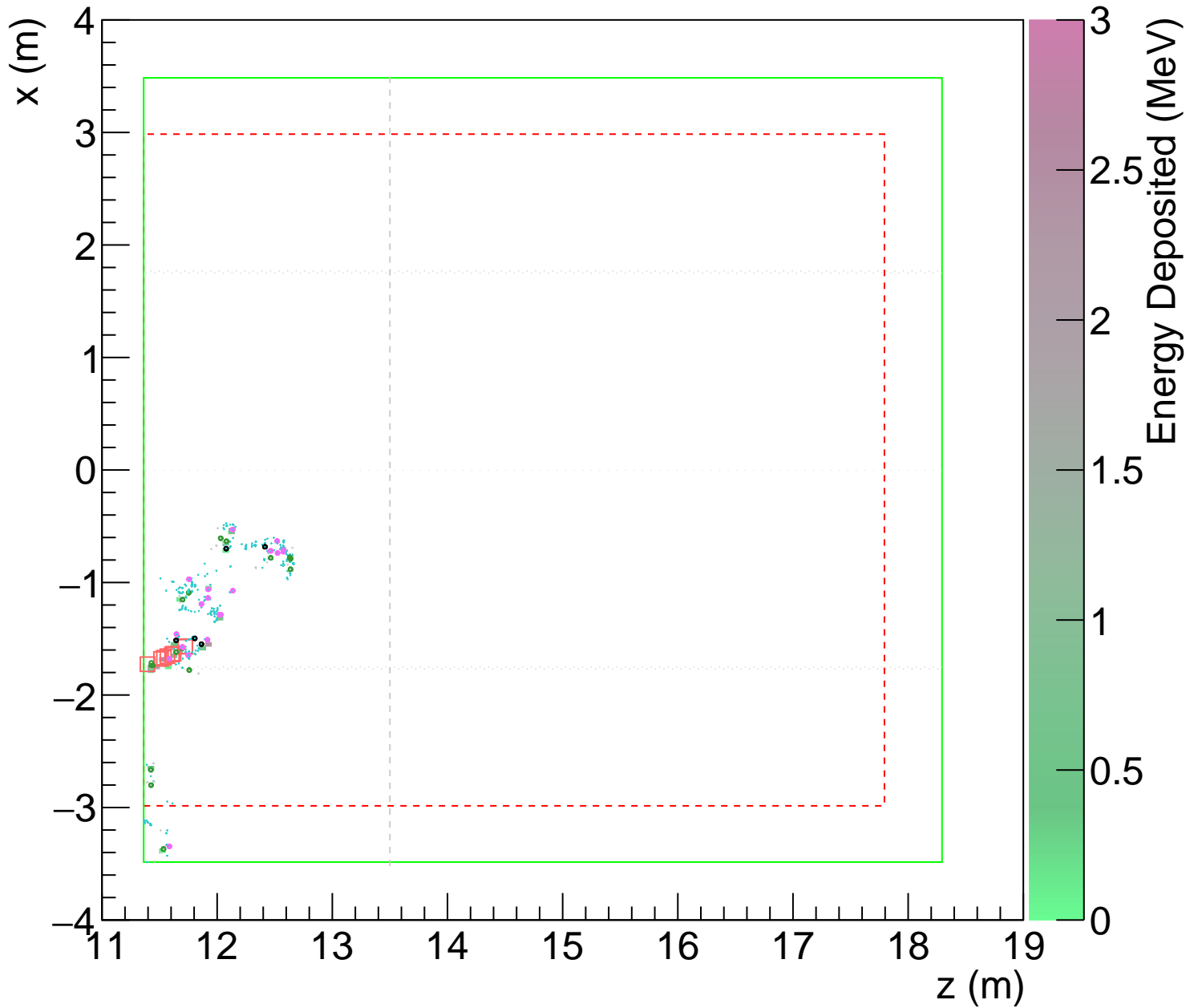
nLines: 1, nClusters: 0



Event 308, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.53$  GeV,  $E_{\mu}^{\text{true}}=0.39$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

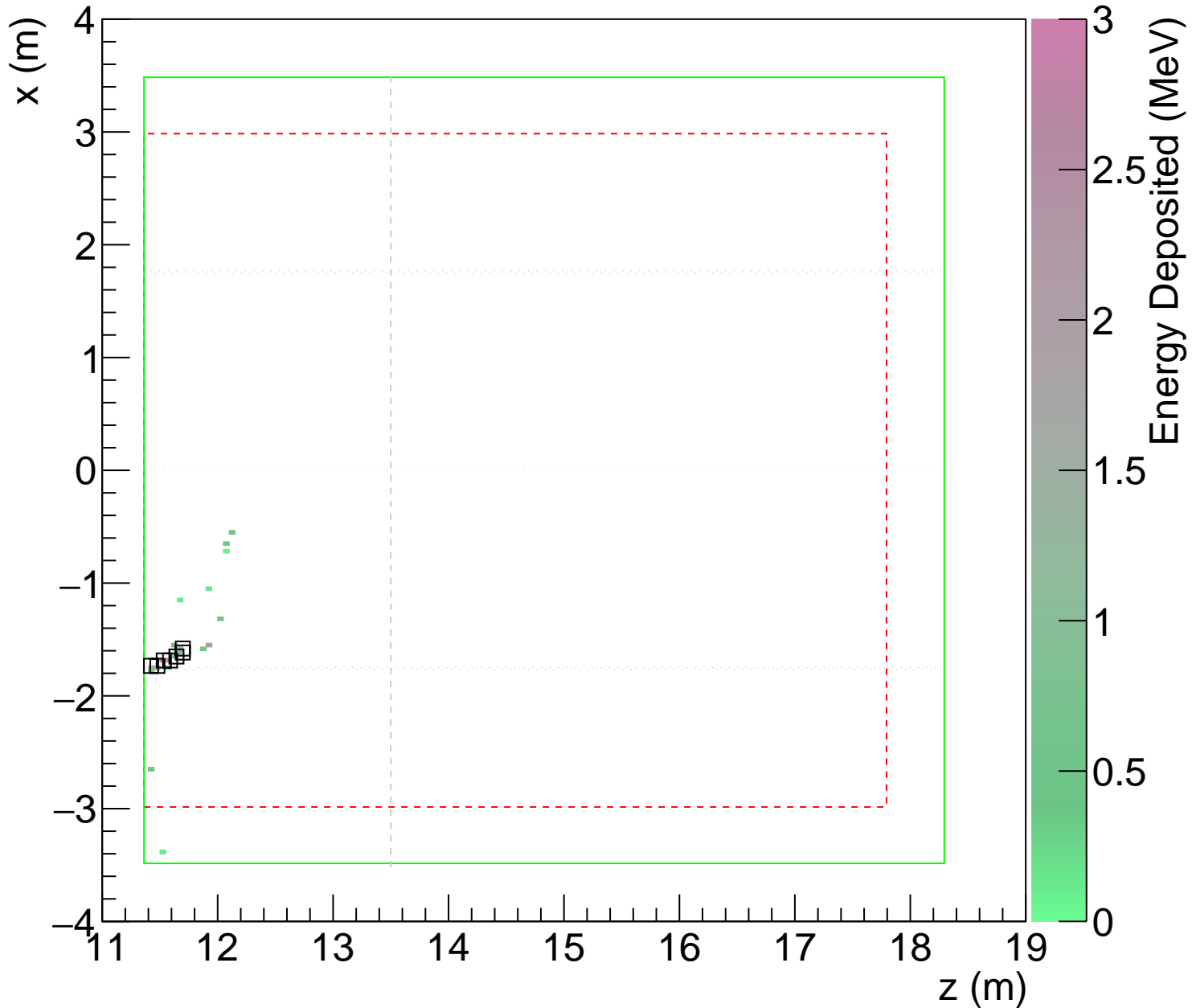


Event 308, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.53$  GeV,  $E_{\mu}^{\text{true}}=0.39$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

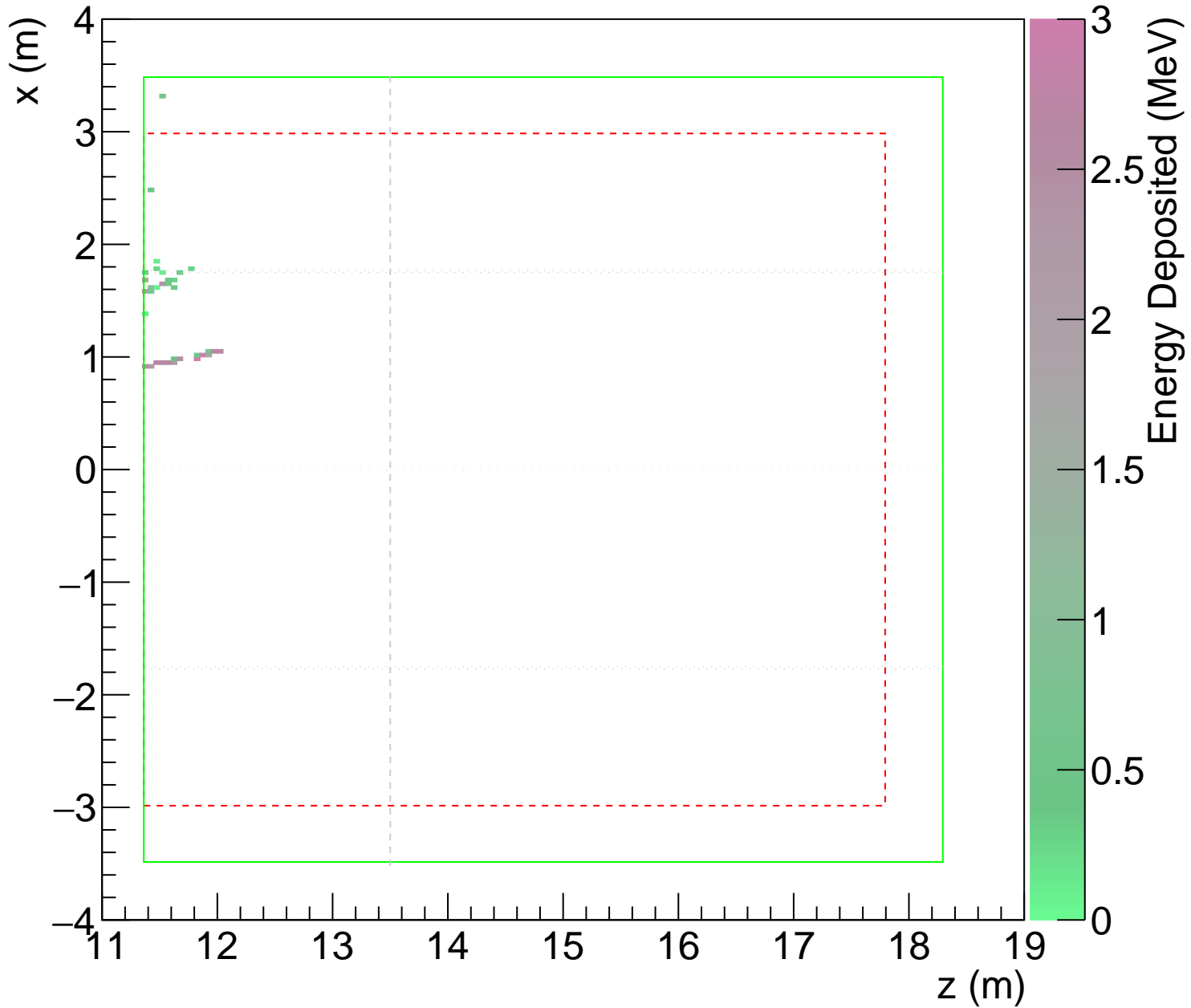


# Event 308 reconstructed

nLines: 1, nClusters: 0

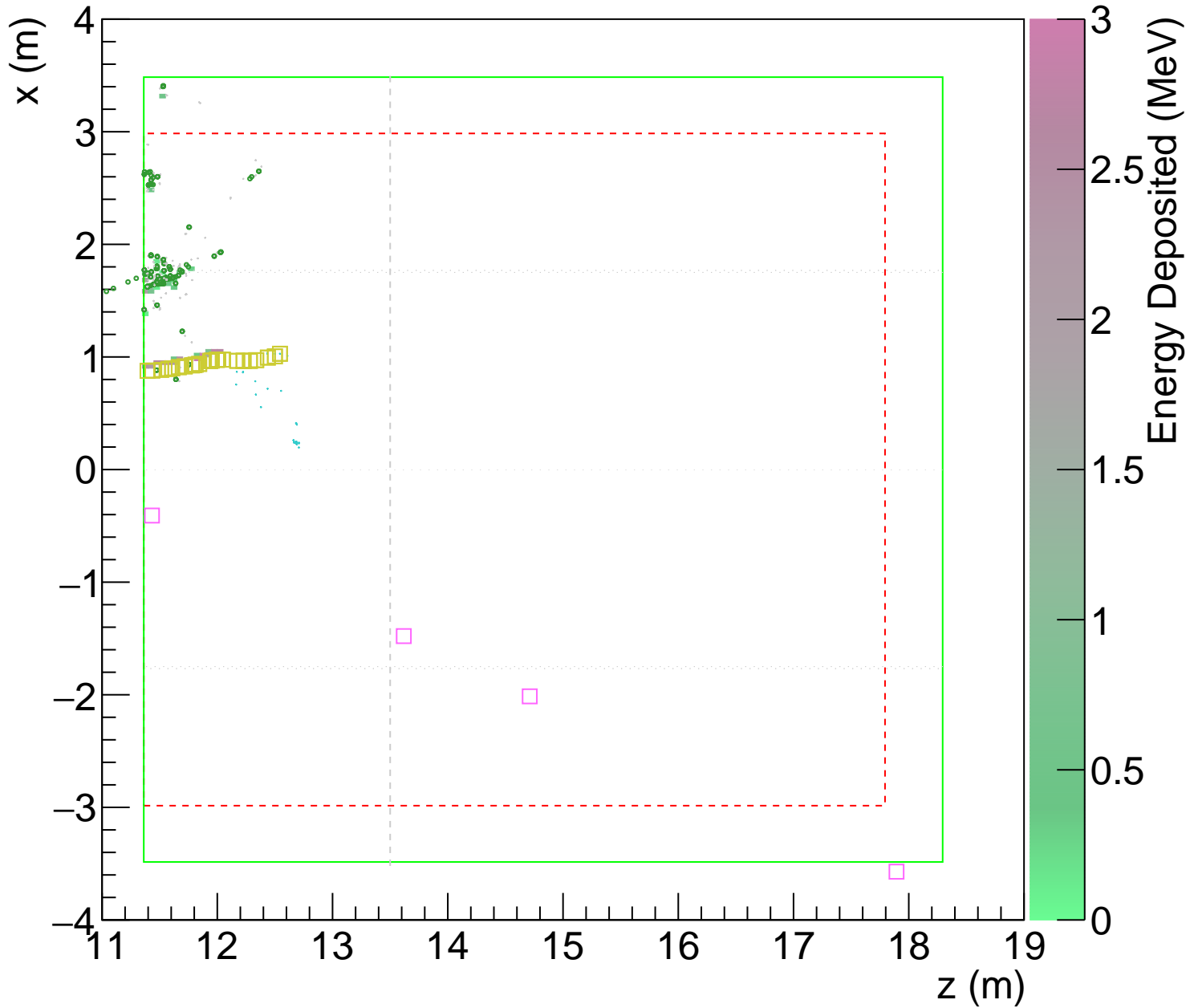


Event 309, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.90$  GeV,  $E_{\mu}^{\text{true}}=0.94$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



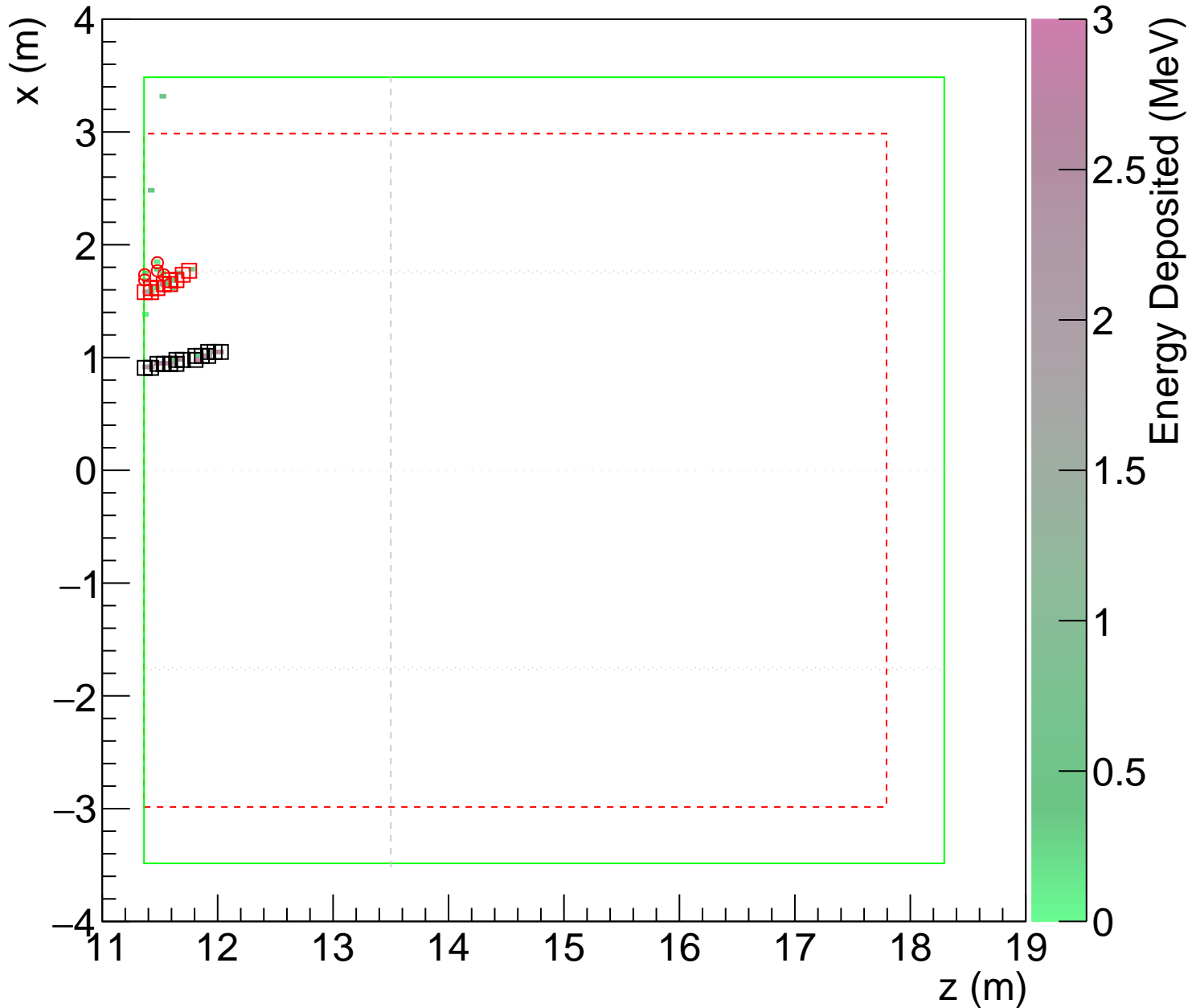


Event 309, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.90$  GeV,  $E_{\mu}^{\text{true}}=0.94$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

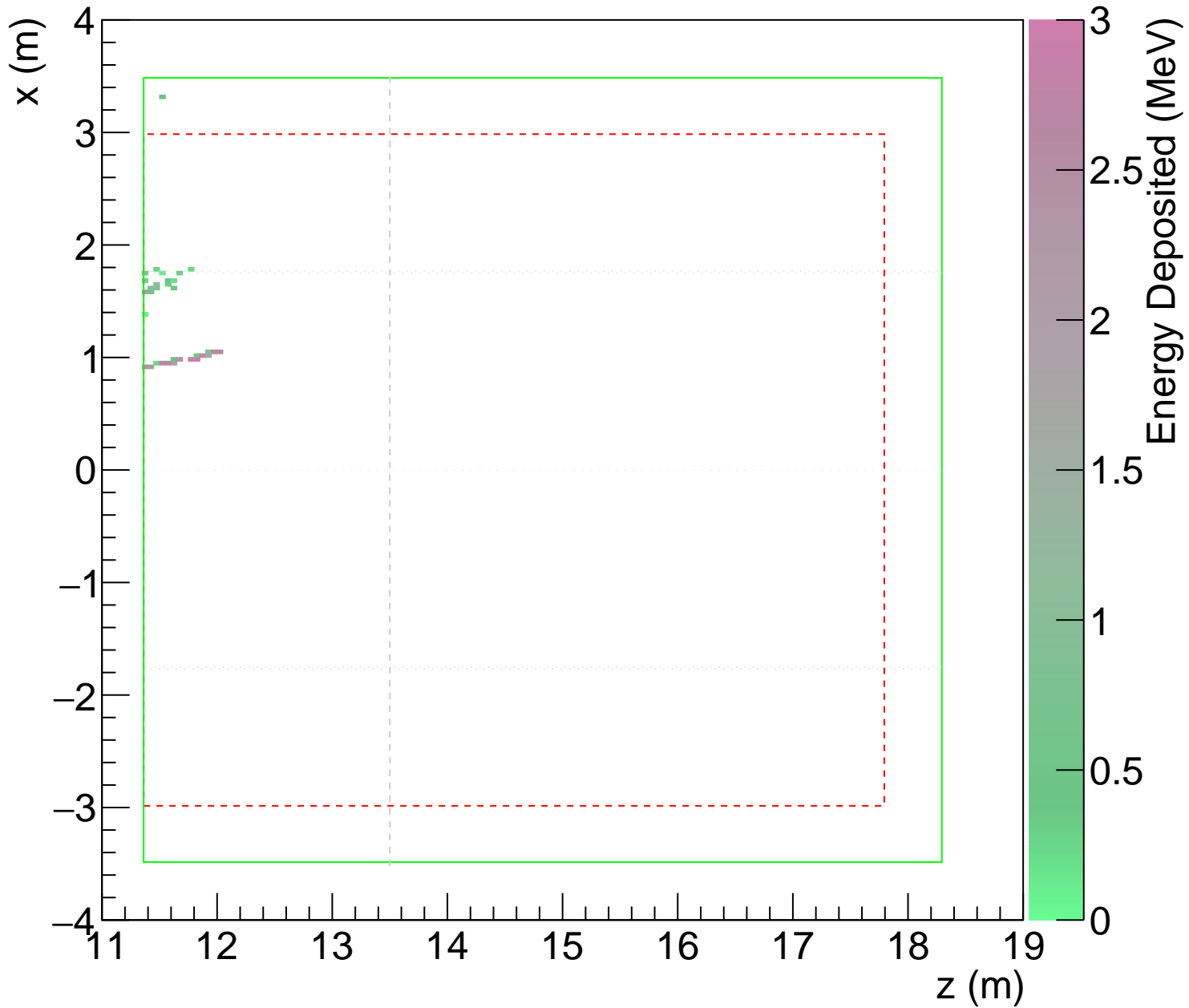


# Event 309 reconstructed

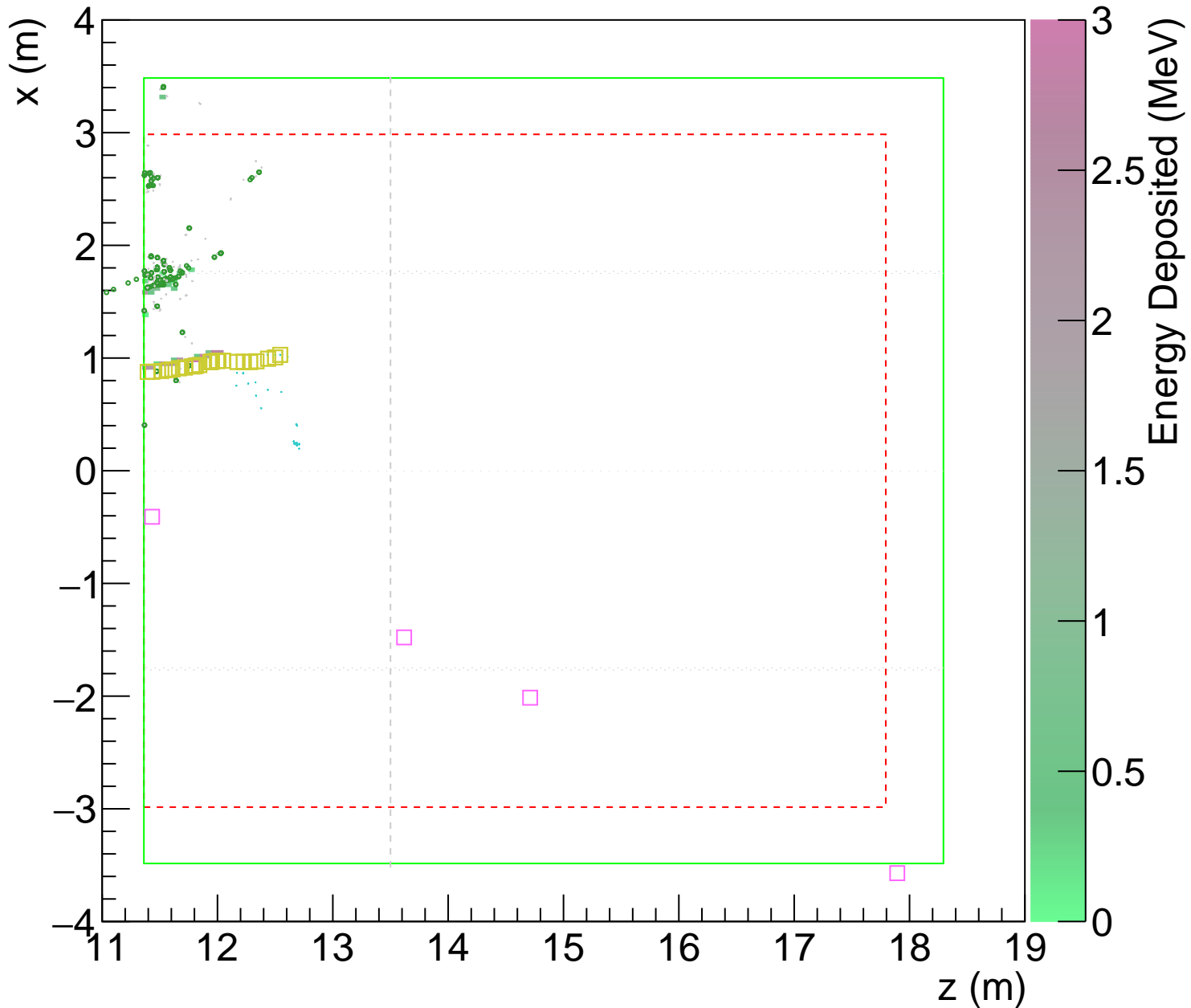
nLines: 2, nClusters: 1



Event 310, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.97$  GeV,  $E_{\mu}^{\text{true}}=1.22$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

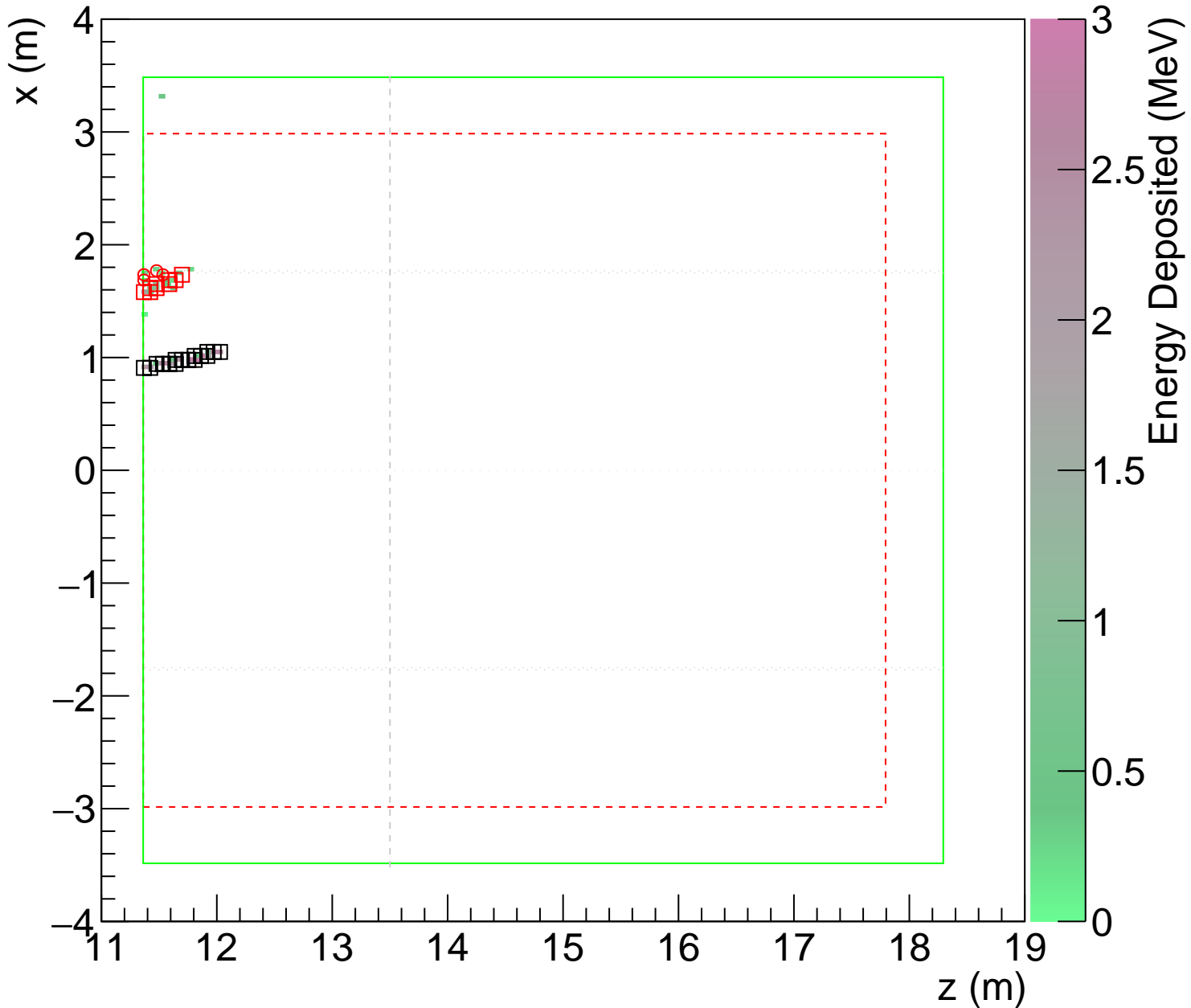


Event 310, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.97$  GeV,  $E_{\mu}^{\text{true}}=1.22$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

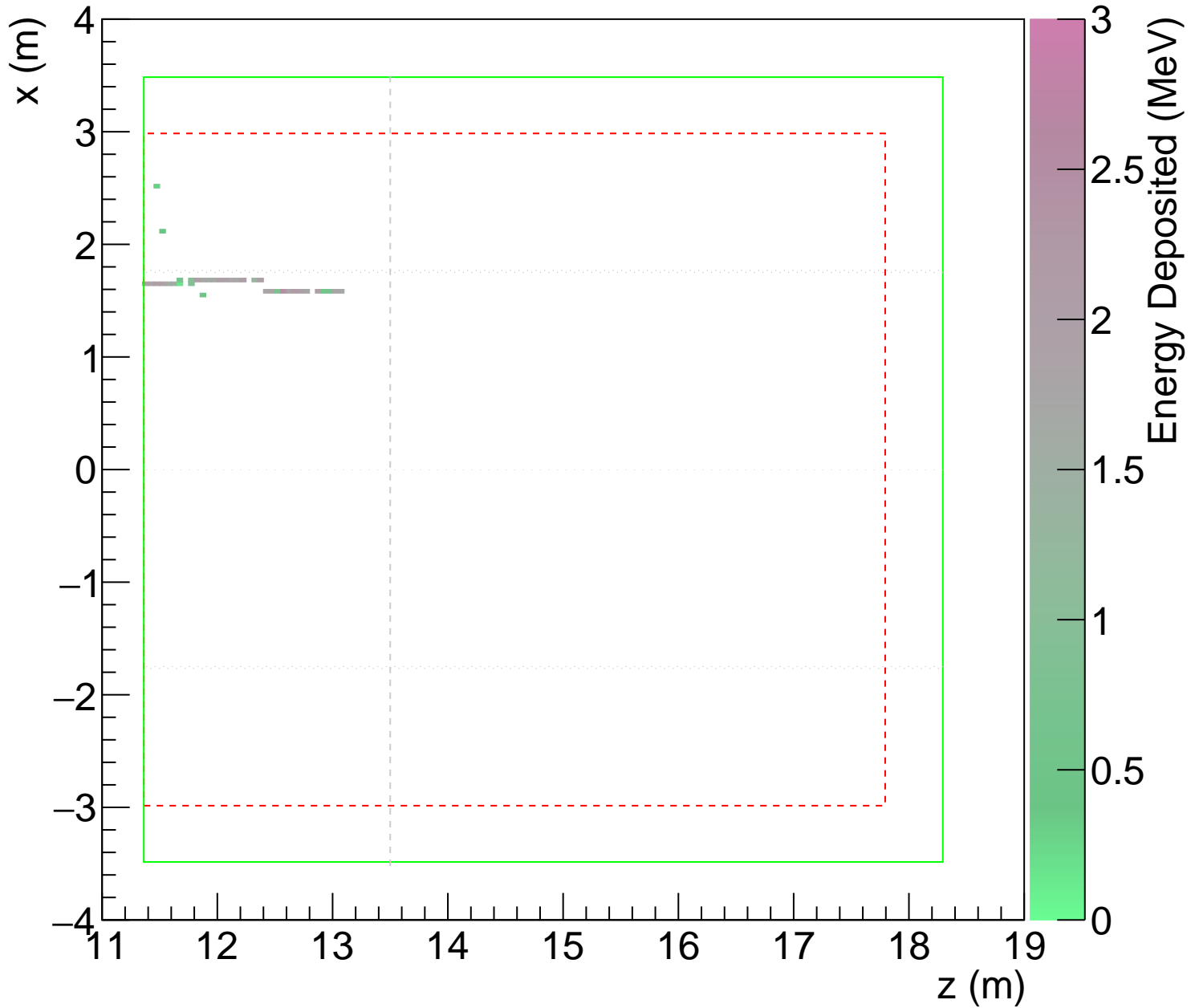


# Event 310 reconstructed

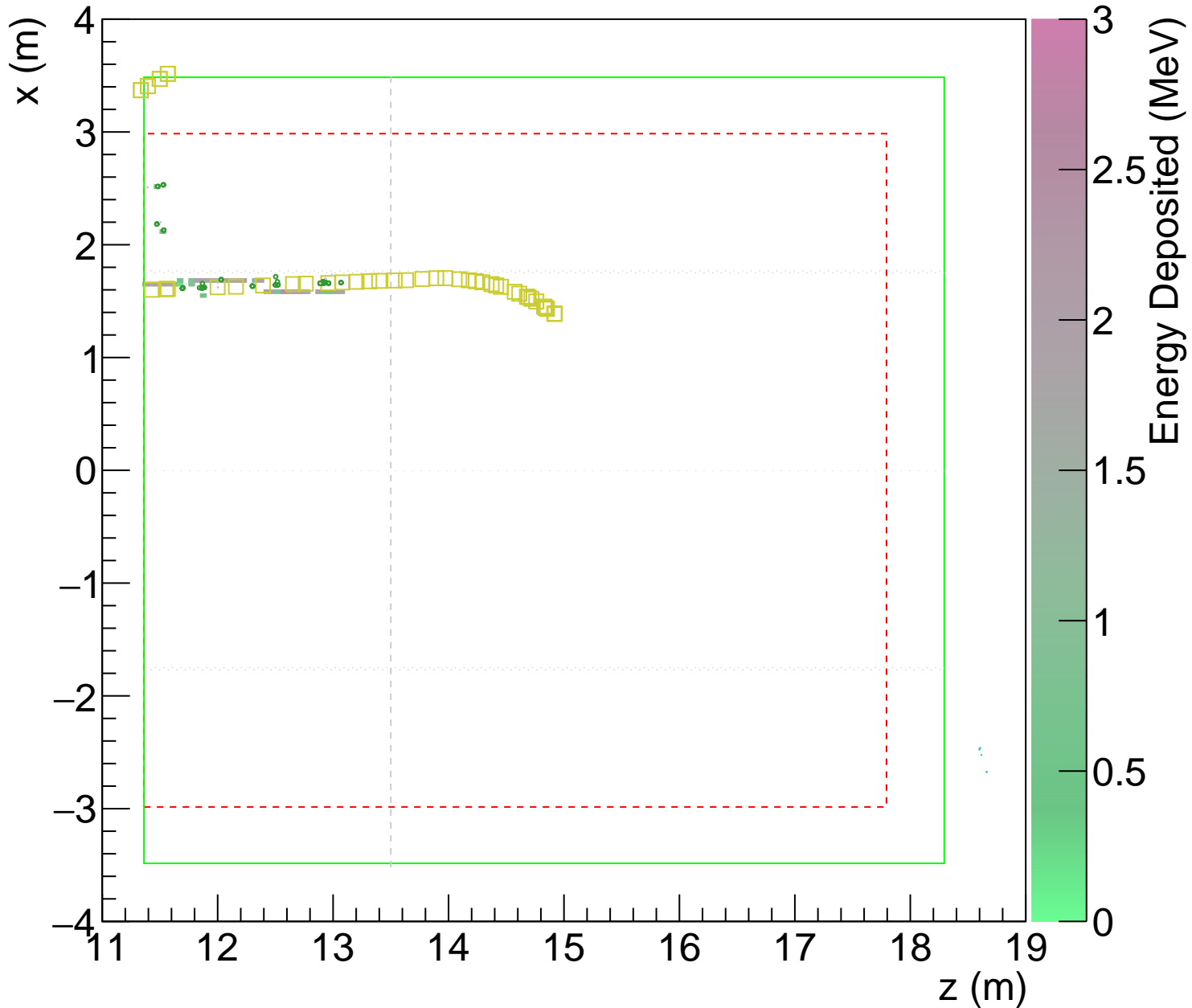
nLines: 2, nClusters: 1



Event 312, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.39$  GeV,  $E_{\mu}^{\text{true}}=2.24$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

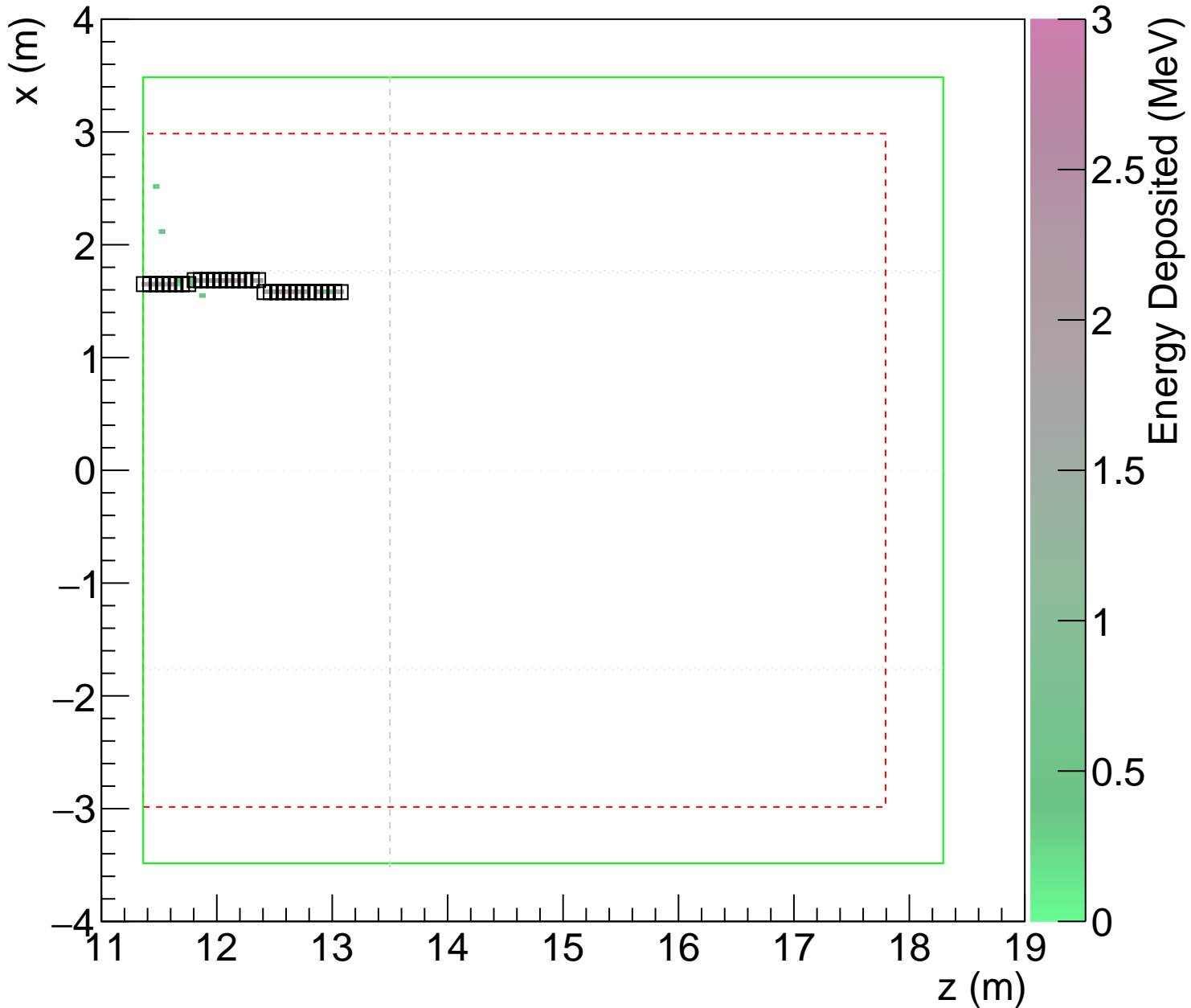


Event 312, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.39$  GeV,  $E_{\mu}^{\text{true}}=2.24$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



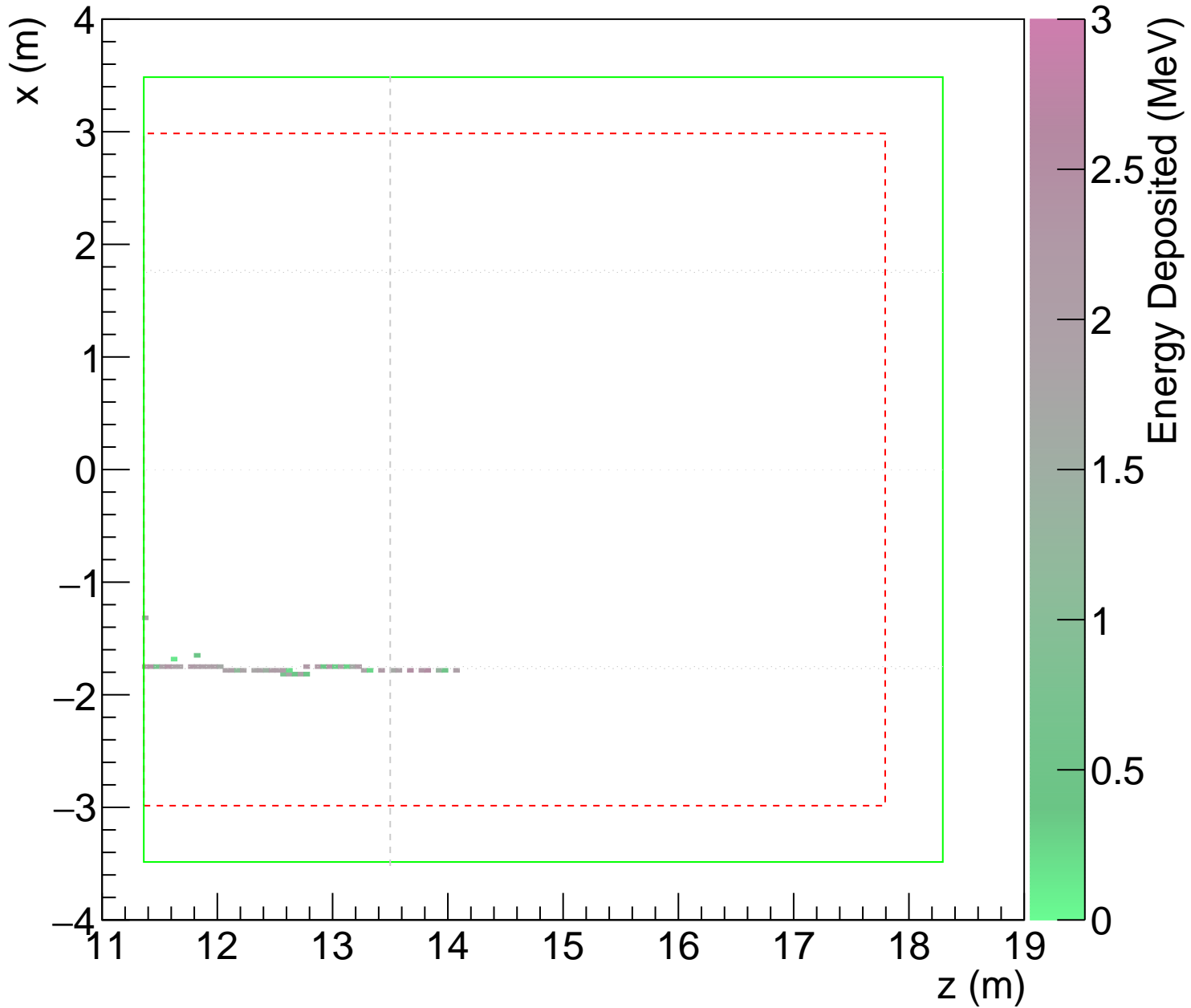
# Event 312 reconstructed

nLines: 1, nClusters: 0

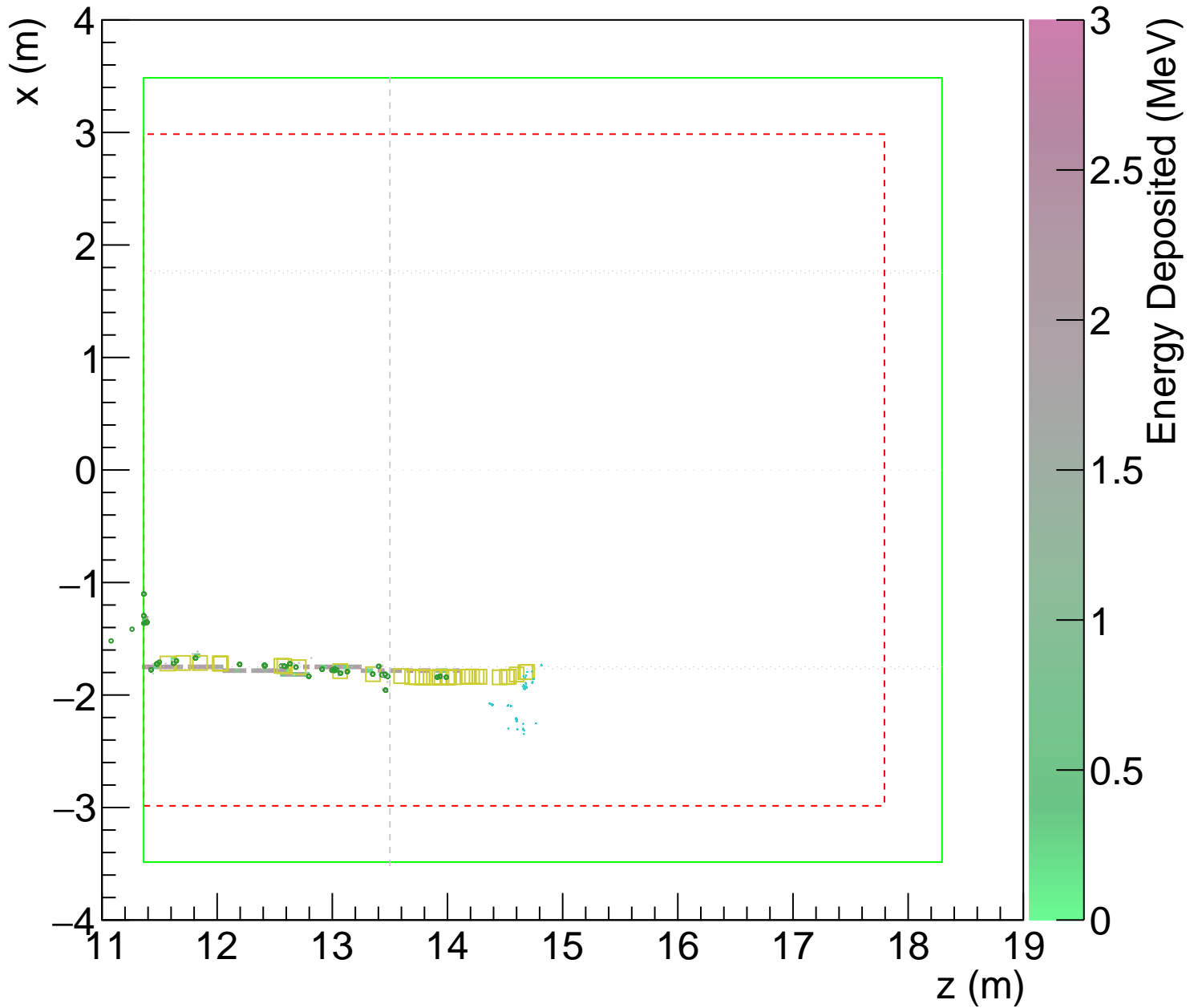




Event 313, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.47$  GeV,  $E_{\mu}^{\text{true}}=2.77$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

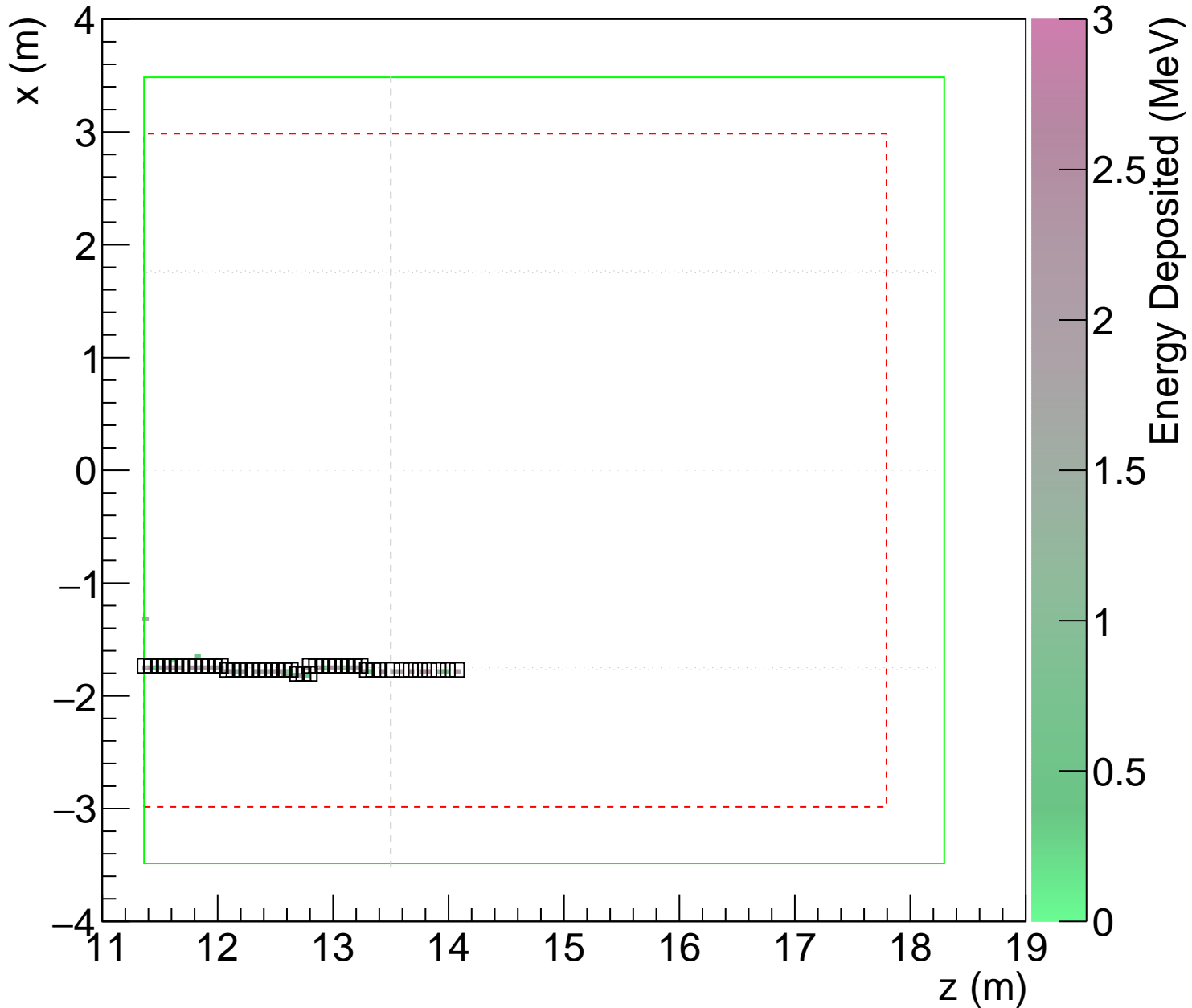


Event 313, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.47$  GeV,  $E_{\mu}^{\text{true}}=2.77$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

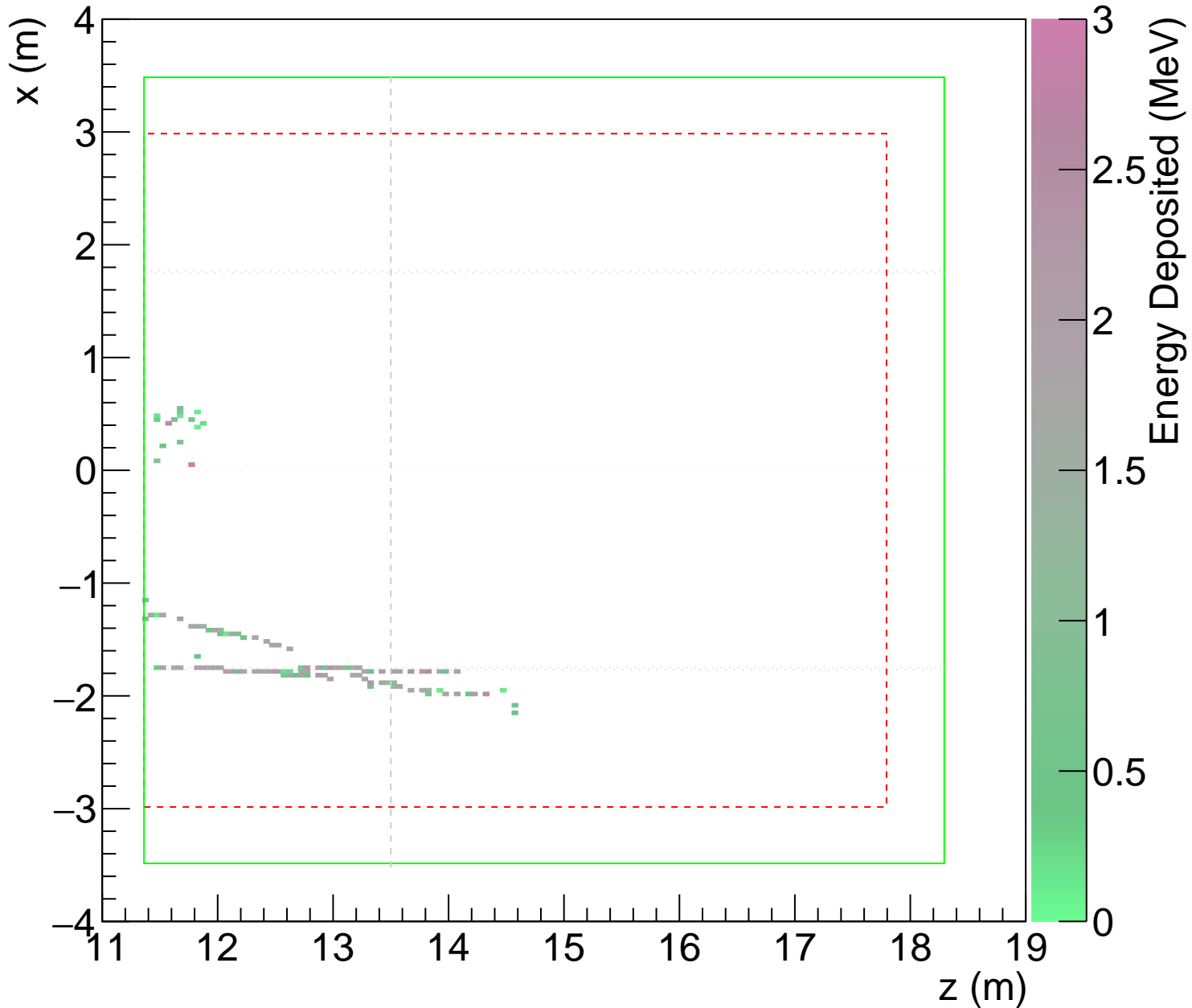


# Event 313 reconstructed

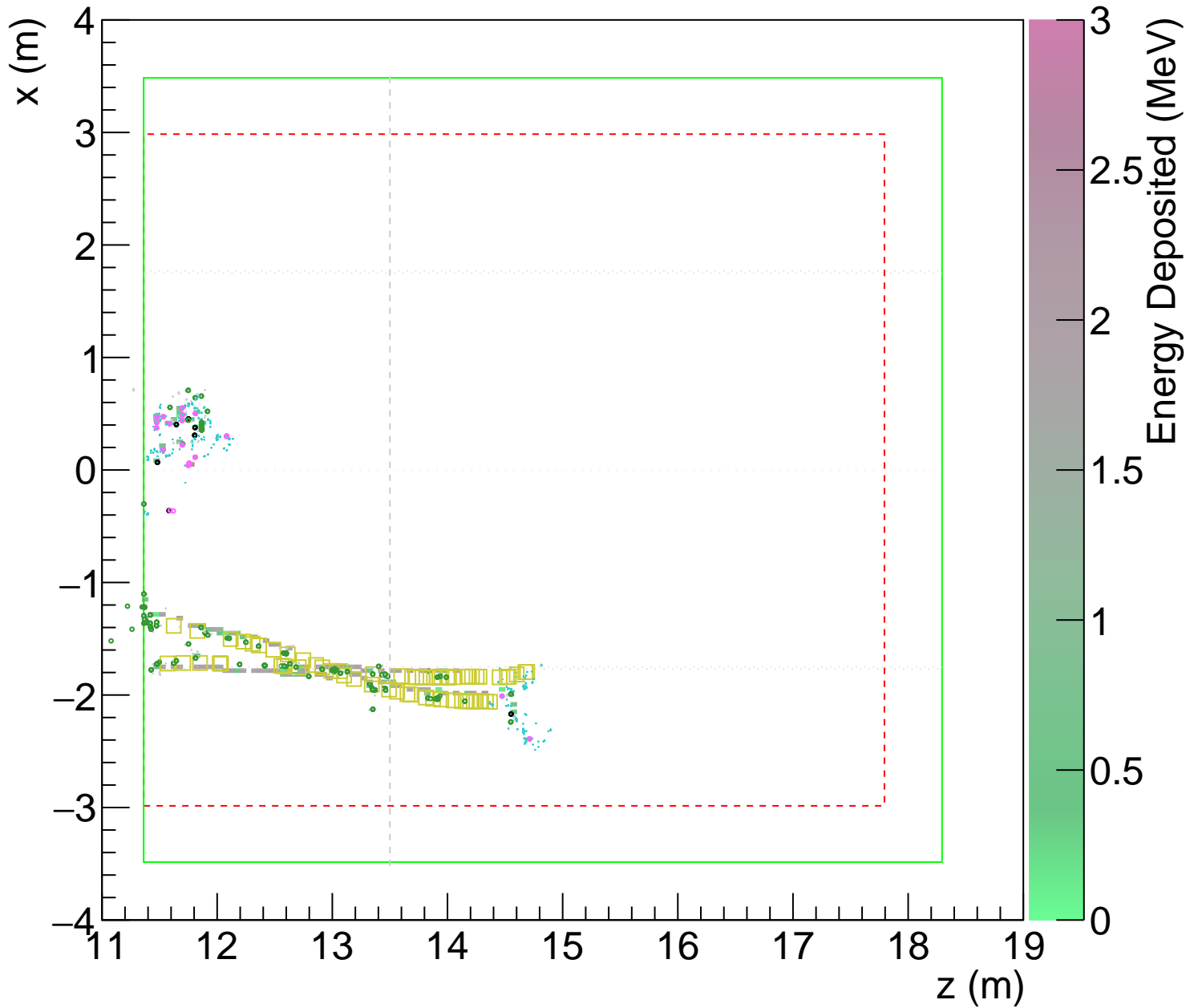
nLines: 1, nClusters: 0



Event 314, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.55$  GeV,  $E_{\mu}^{\text{true}}=2.77$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

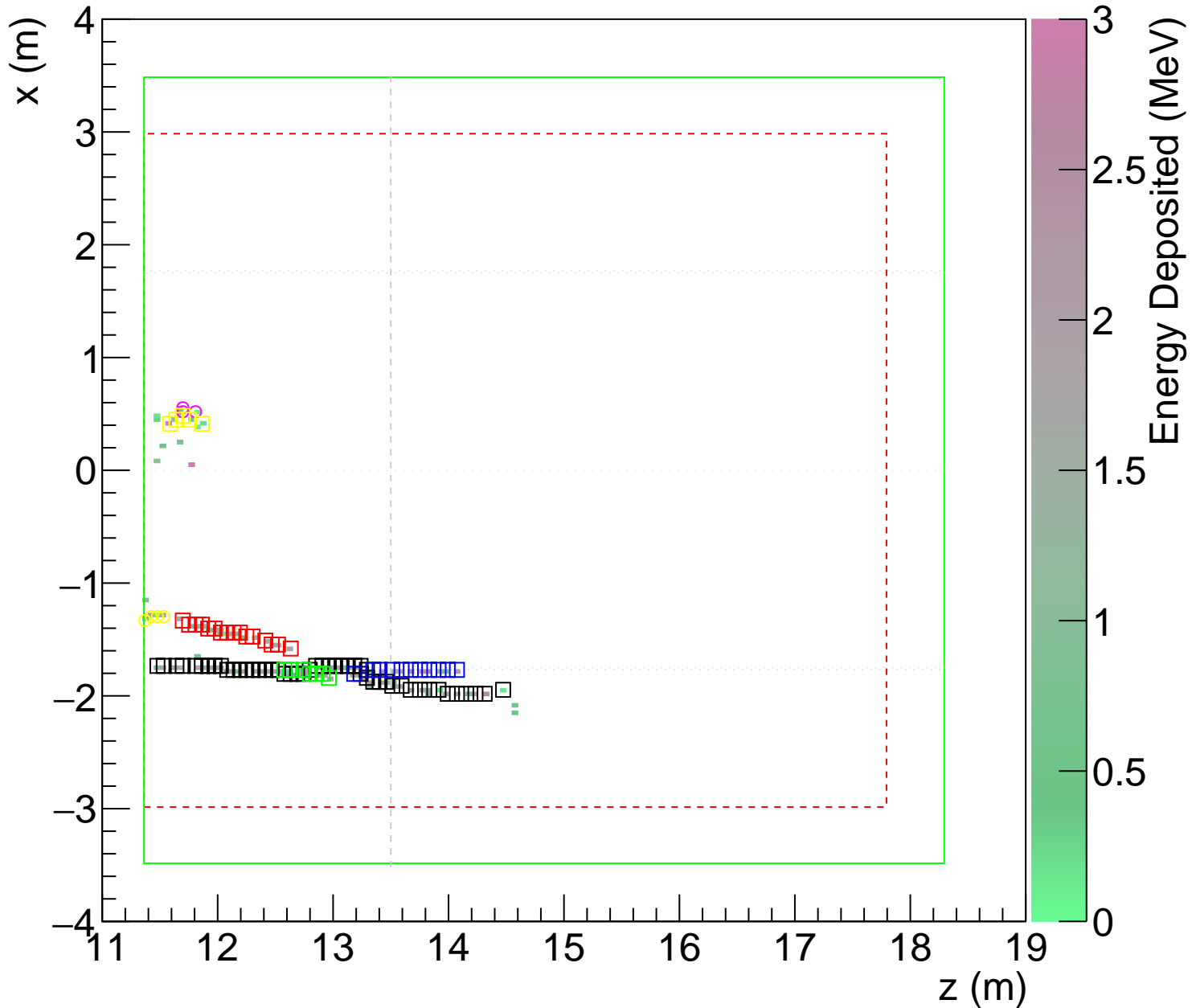


Event 314, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.55$  GeV,  $E_{\mu}^{\text{true}}=2.77$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(v),proc:Weak[CC],DIS,

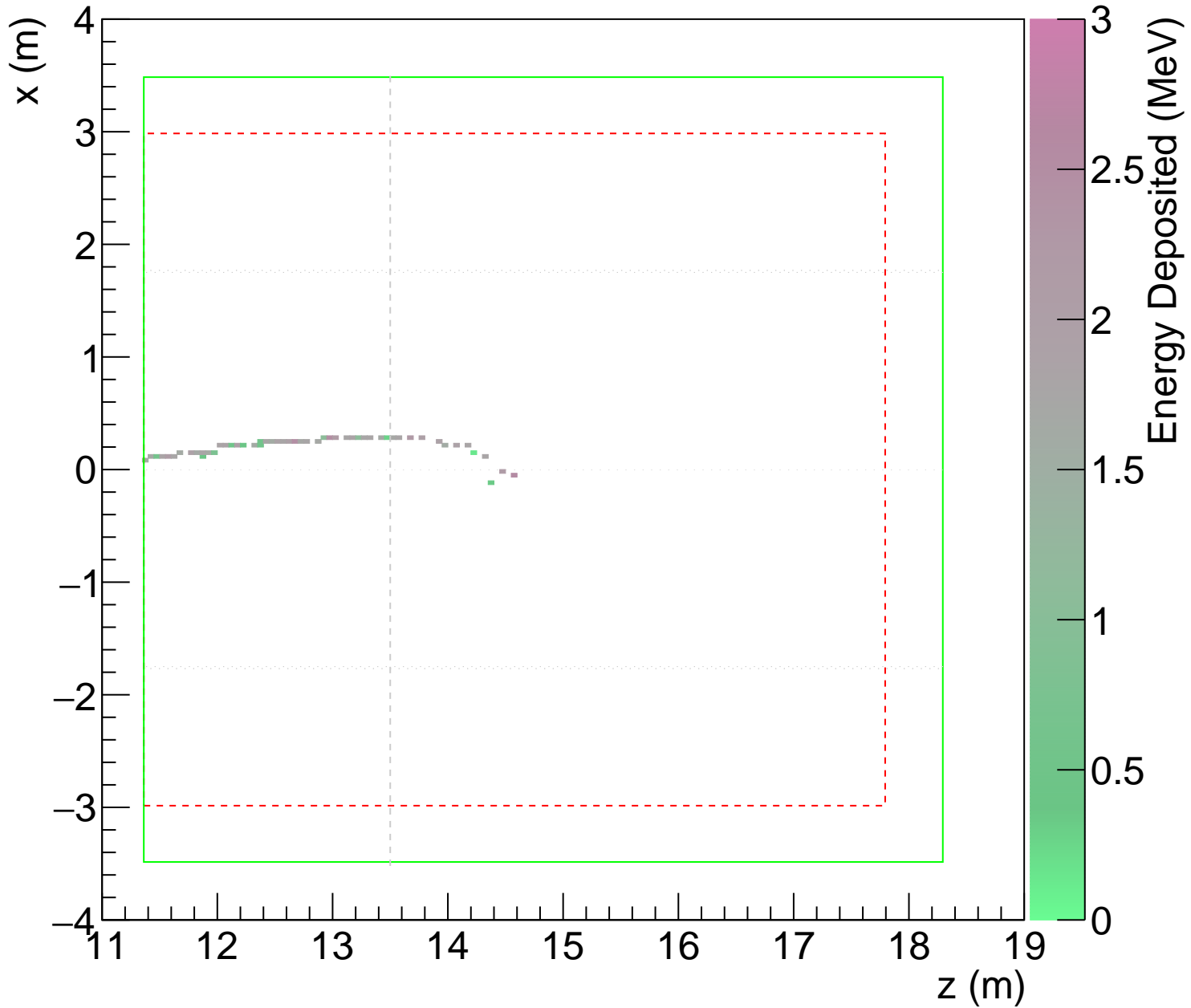


# Event 314 reconstructed

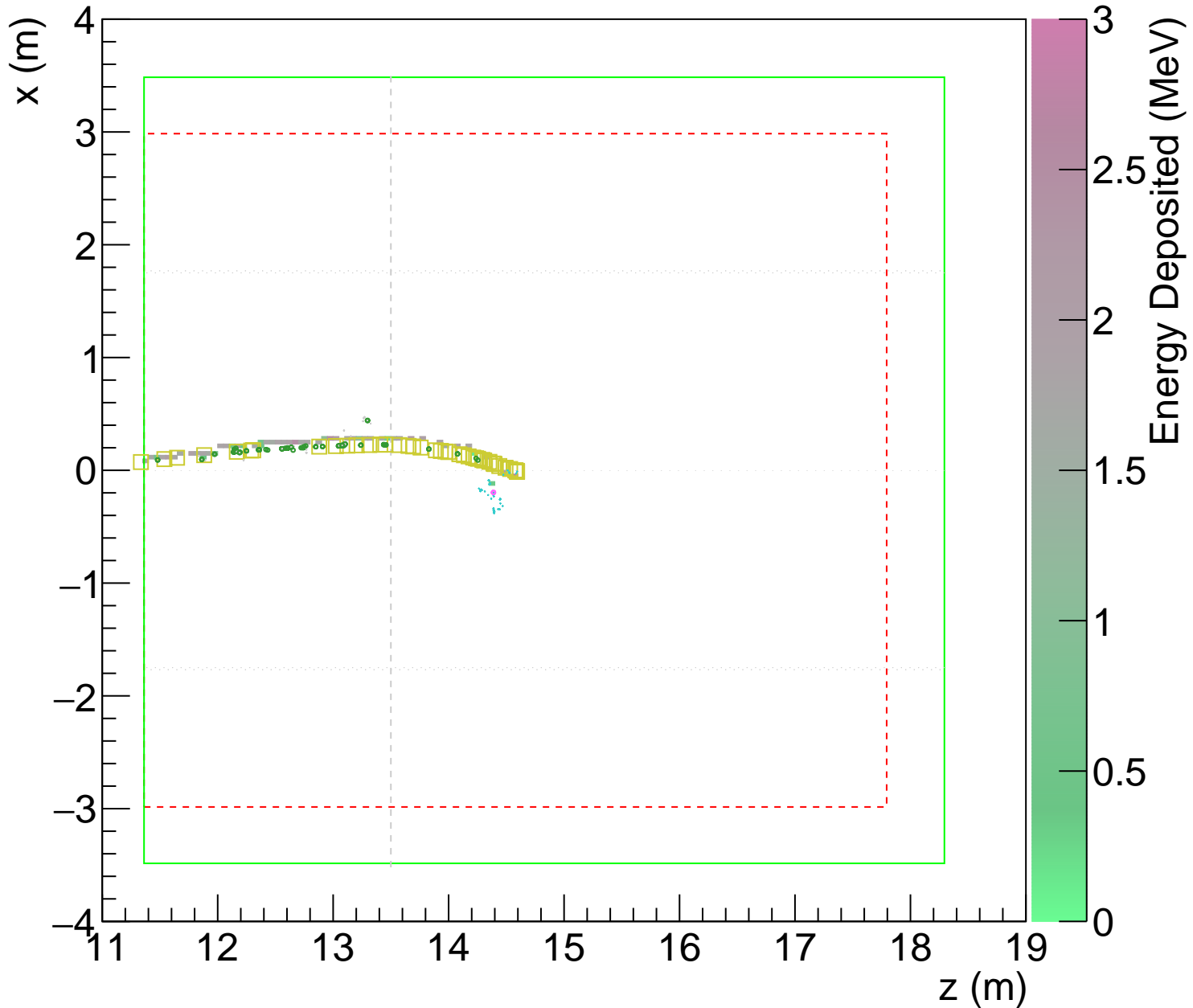
nLines: 5, nClusters: 2



Event 315, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.17$  GeV,  $E_{\mu}^{\text{true}}=2.73$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



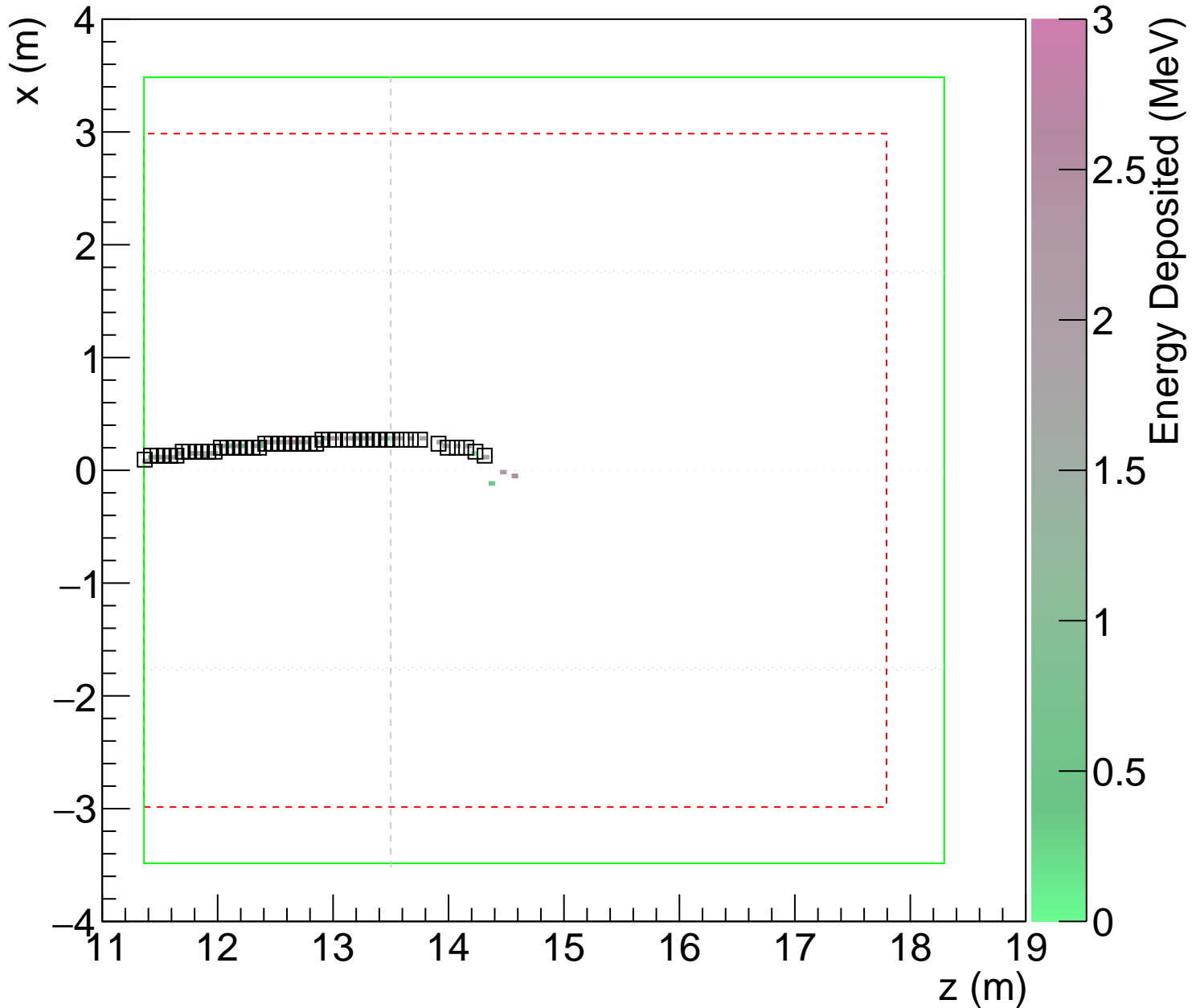
Event 315, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.17$  GeV,  $E_{\mu}^{\text{true}}=2.73$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



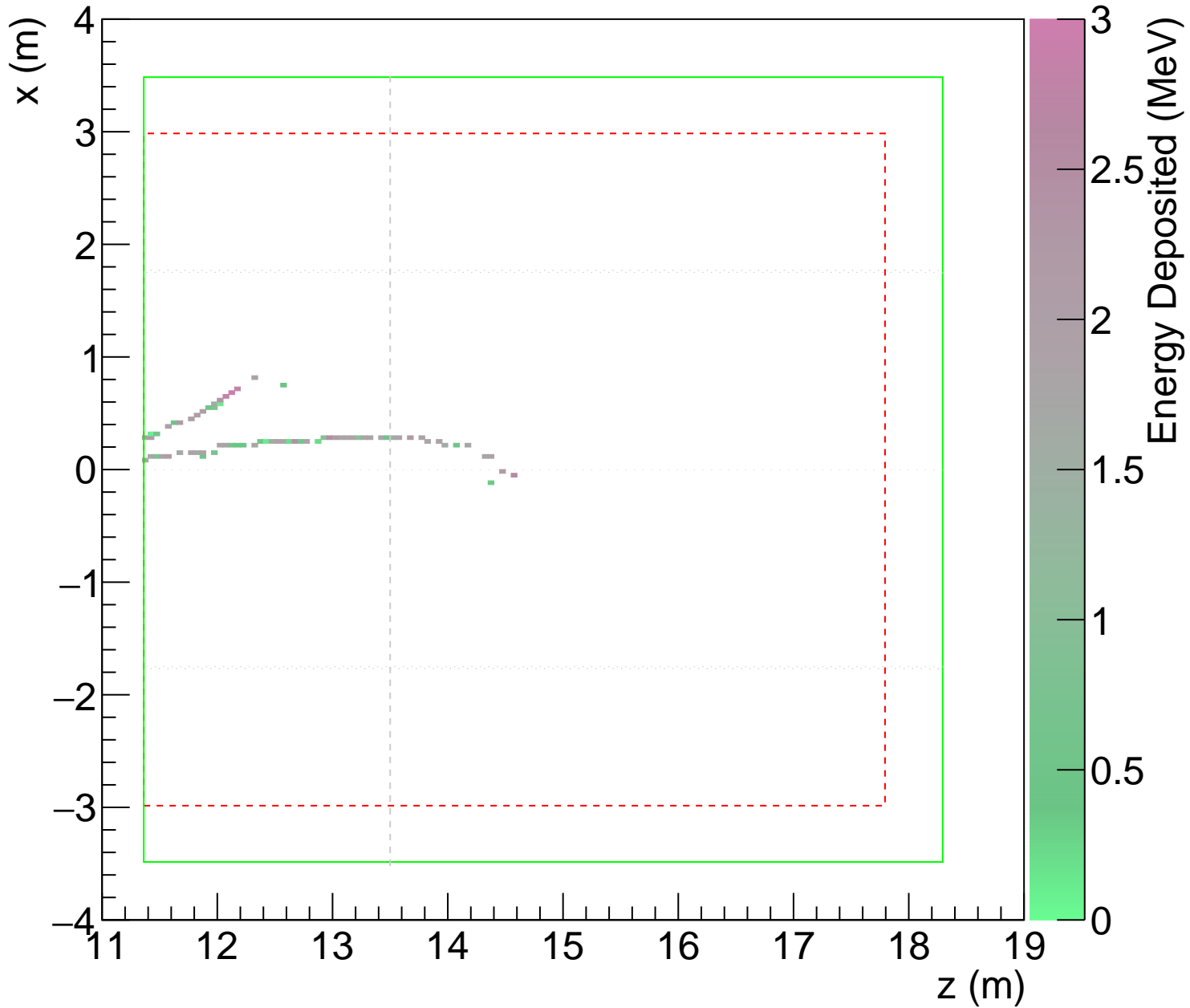


# Event 315 reconstructed

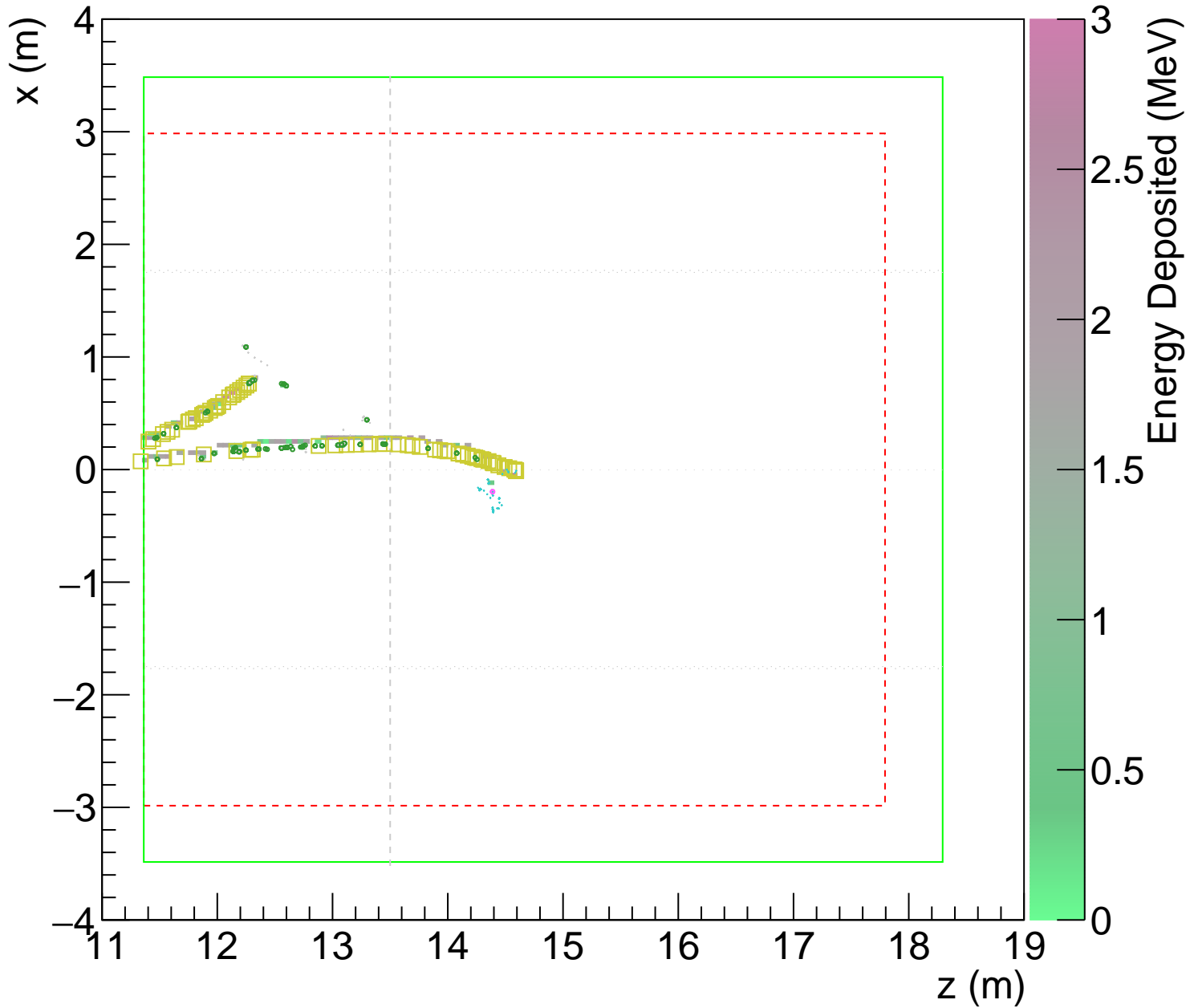
nLines: 1, nClusters: 0



Event 316, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=3.38$  GeV,  $E_{\mu}^{\text{true}}=2.73$  GeV  
nu:-14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[CC],DIS,

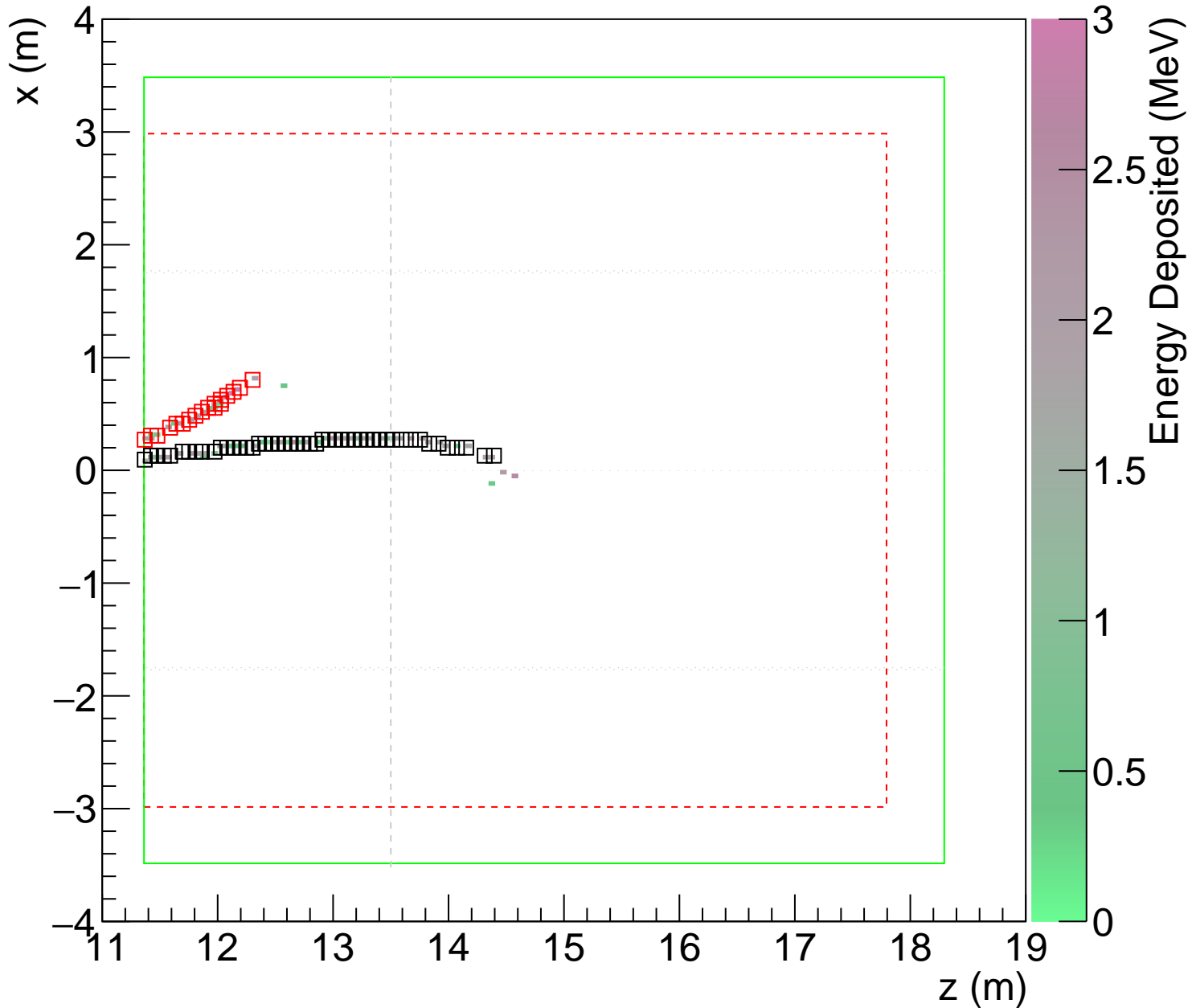


Event 316, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=3.38$  GeV,  $E_{\mu}^{\text{true}}=2.73$  GeV  
nu:-14,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[CC],DIS,

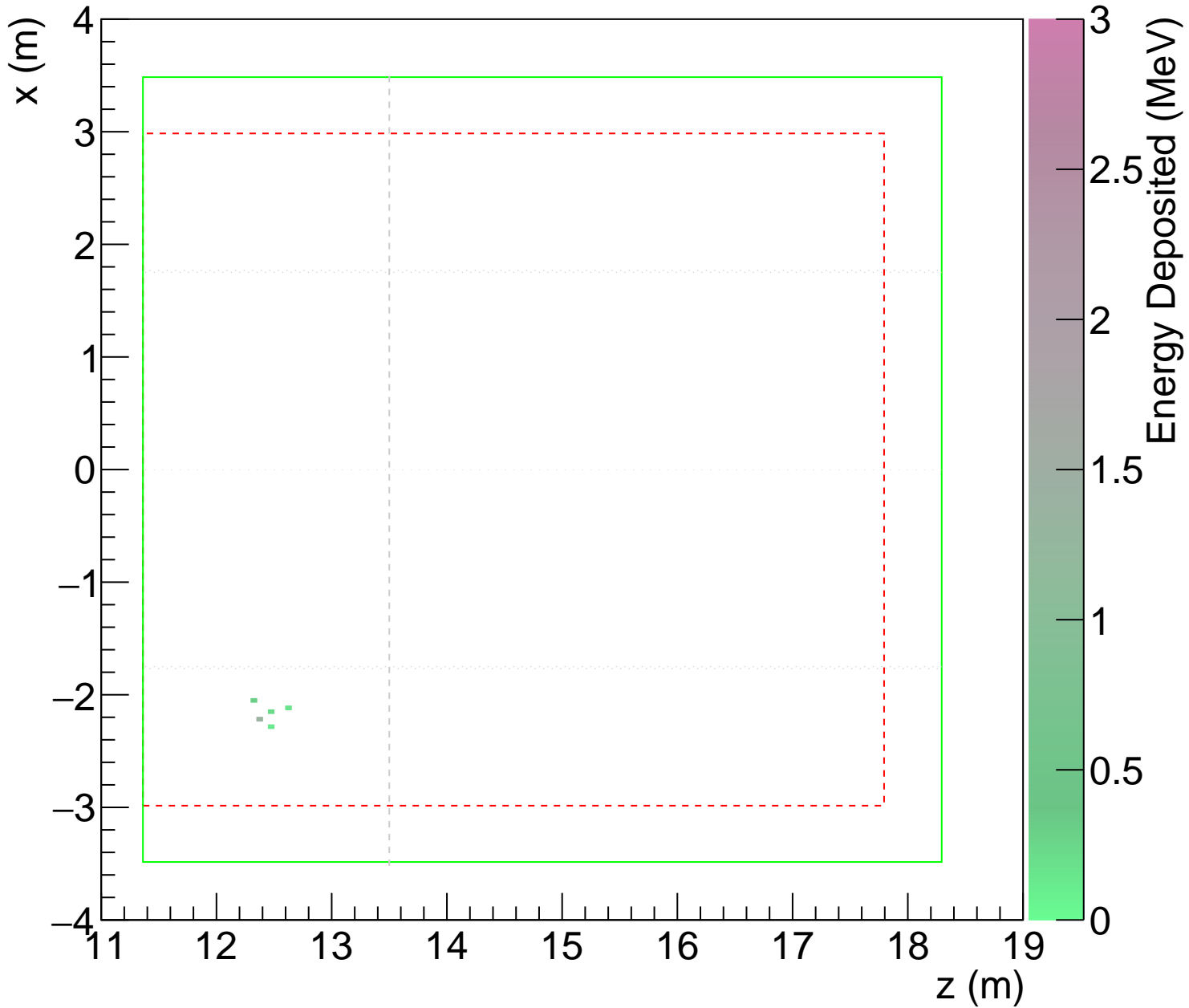


# Event 316 reconstructed

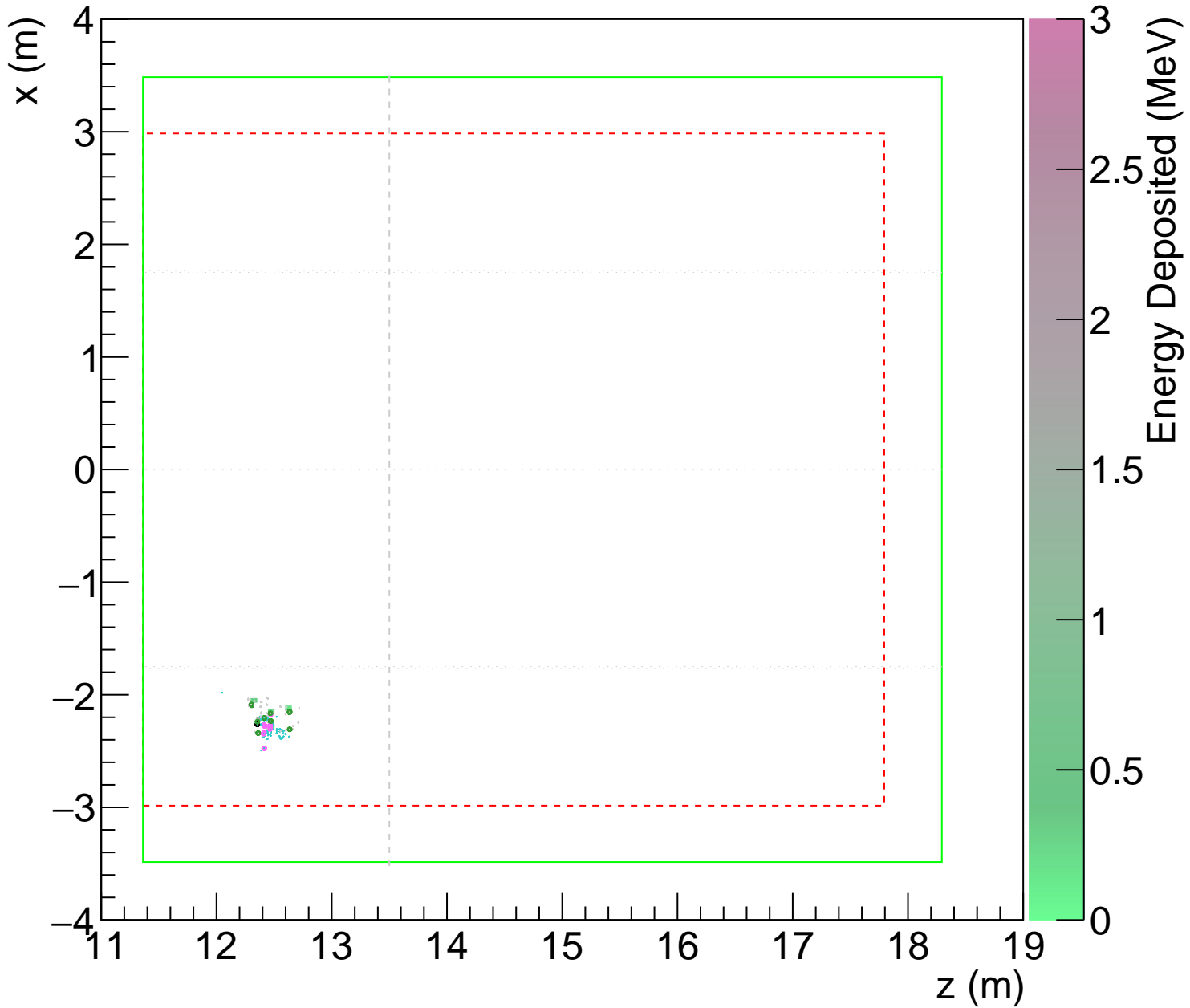
nLines: 2, nClusters: 0



Event 318, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.14$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

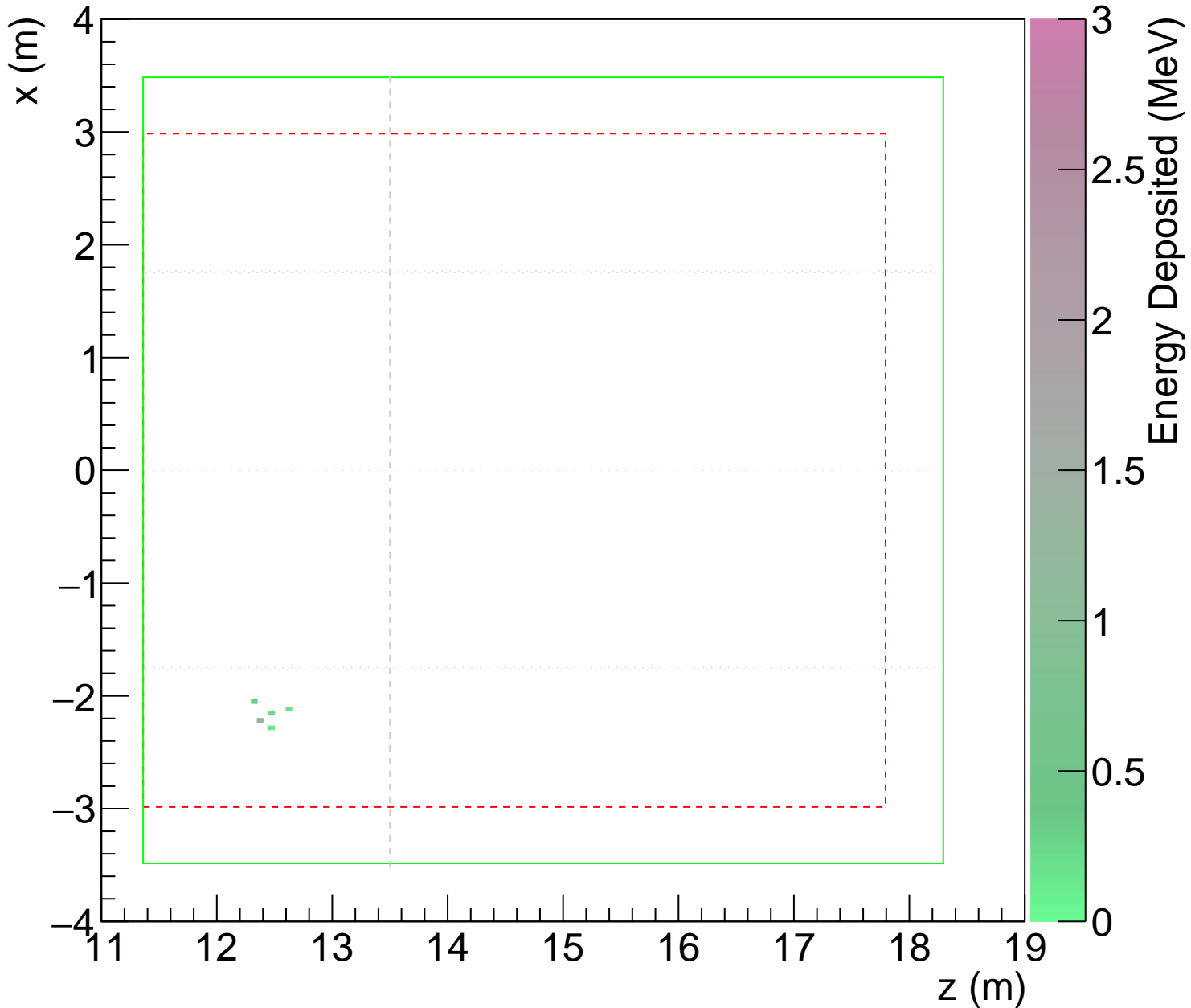


Event 318, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.14$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

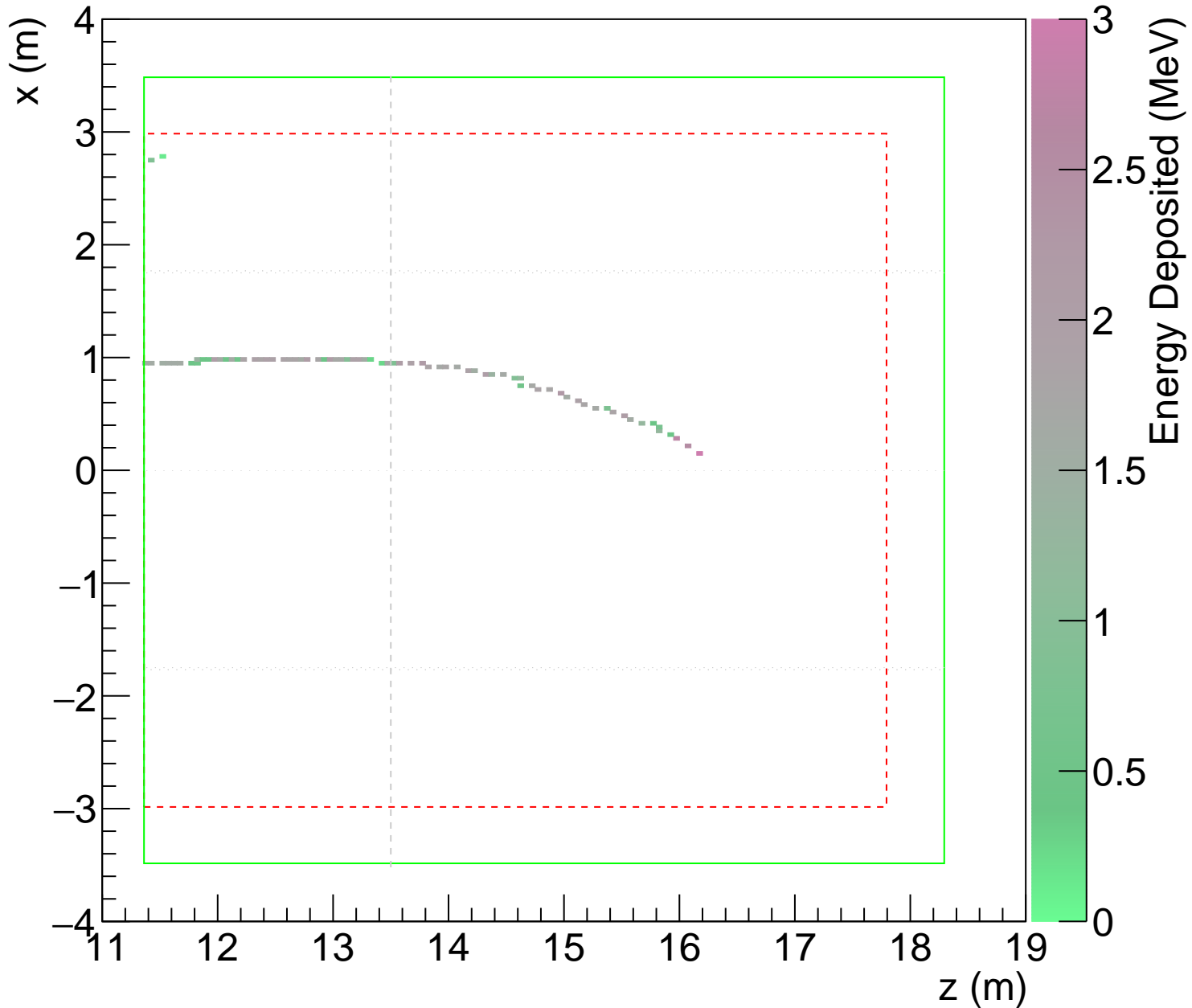


# Event 318 reconstructed

nLines: 0, nClusters: 0

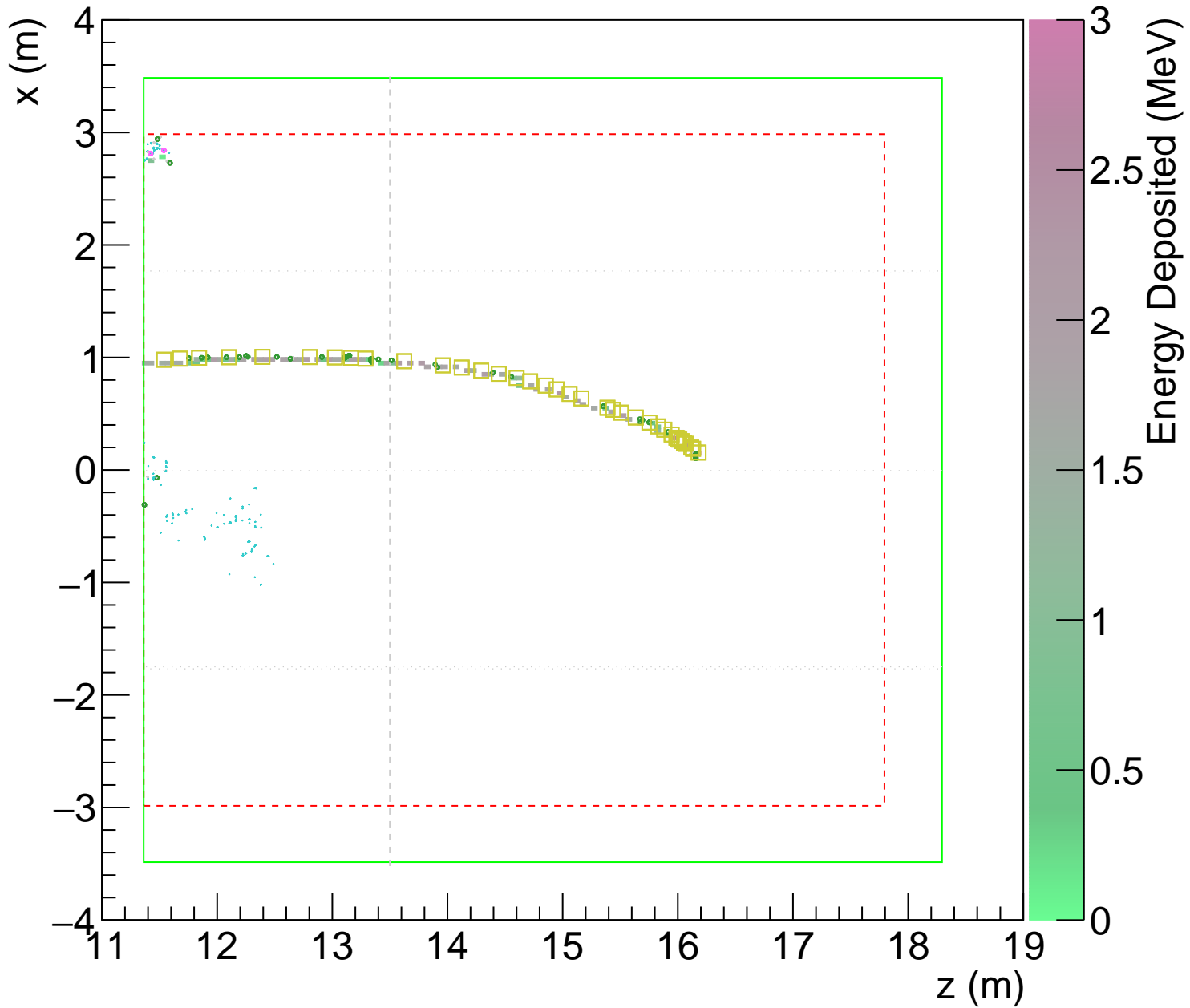


Event 319, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.45$  GeV,  $E_{\mu}^{\text{true}}=3.08$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,



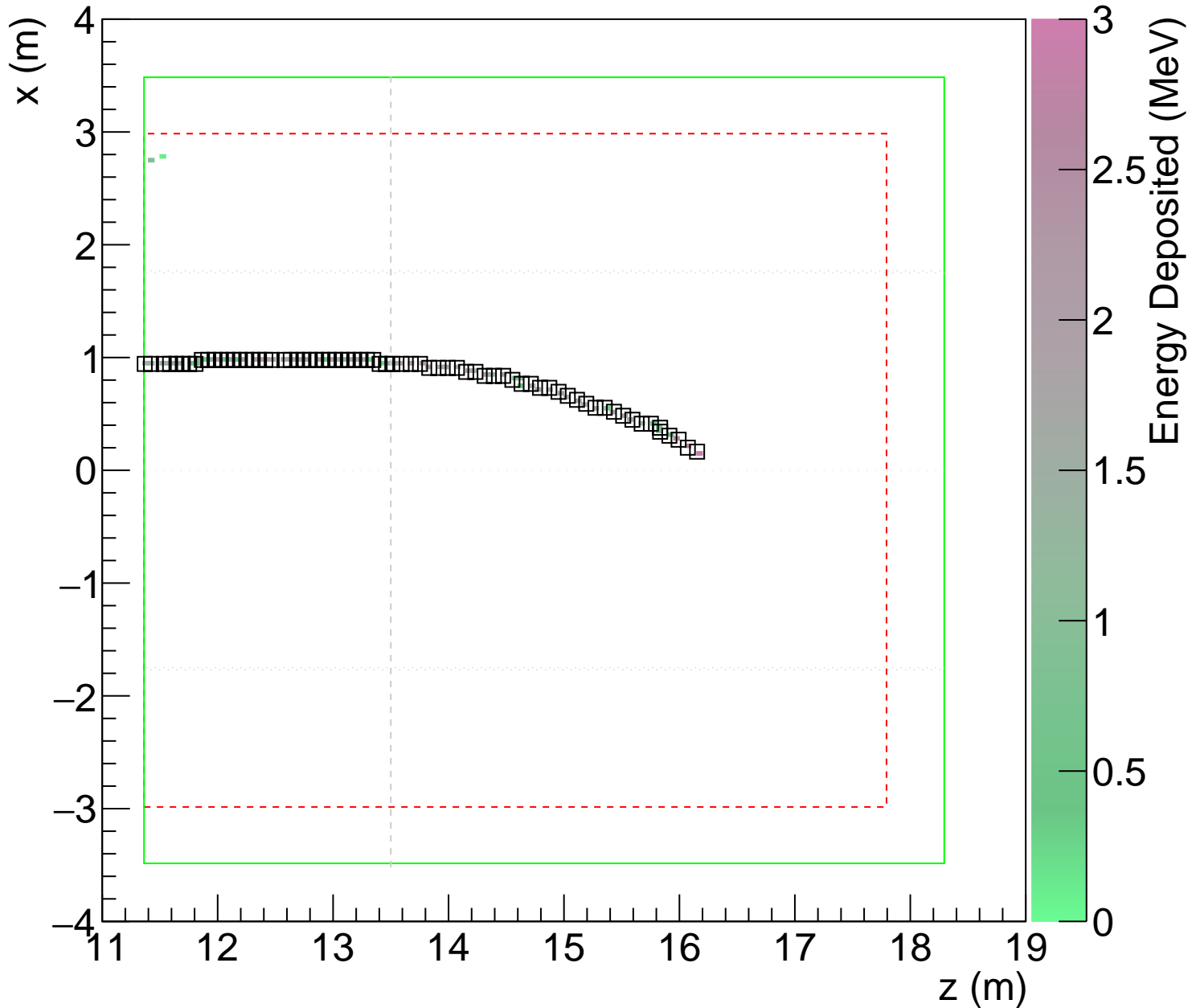


Event 319, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.45$  GeV,  $E_{\mu}^{\text{true}}=3.08$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

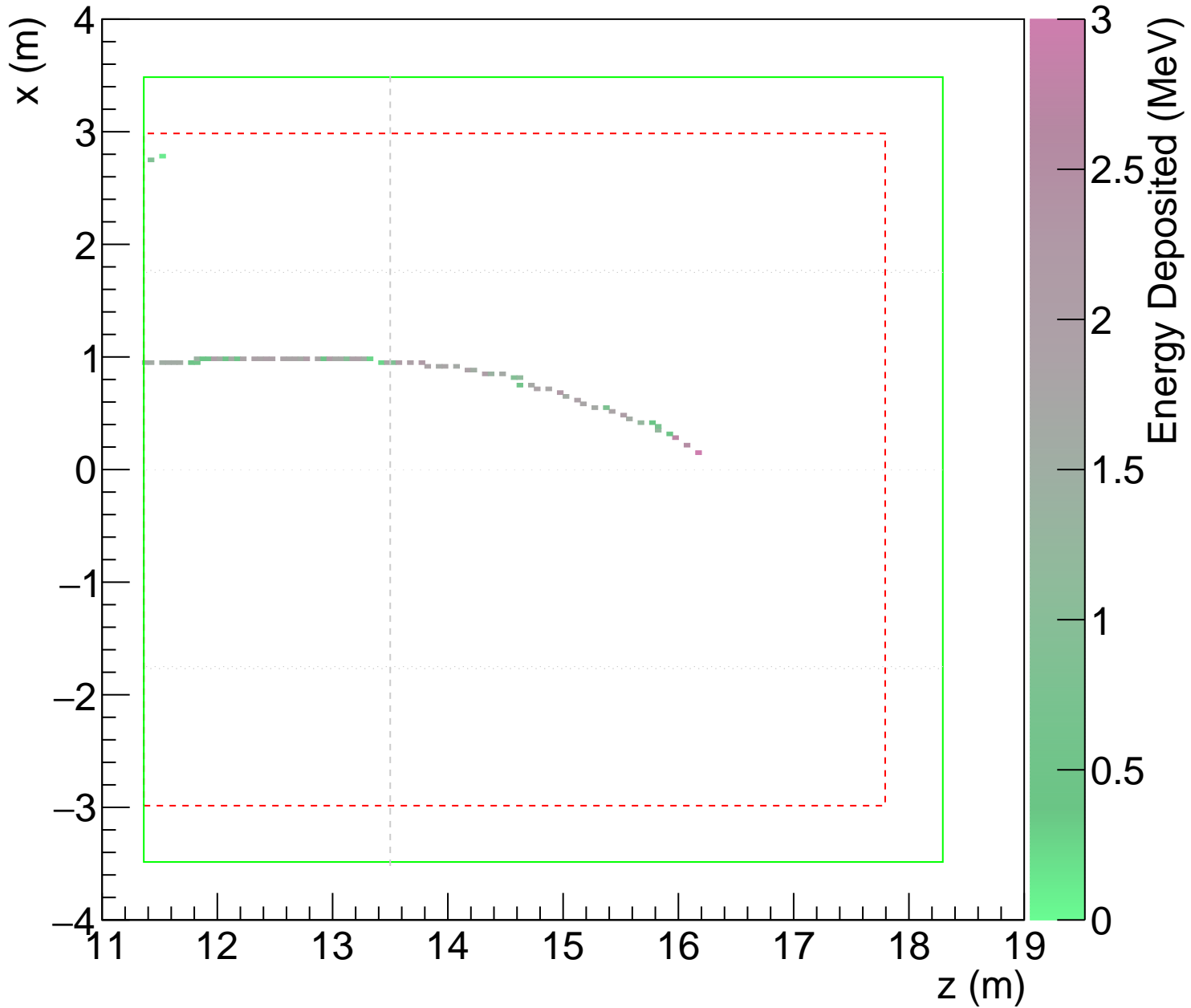


# Event 319 reconstructed

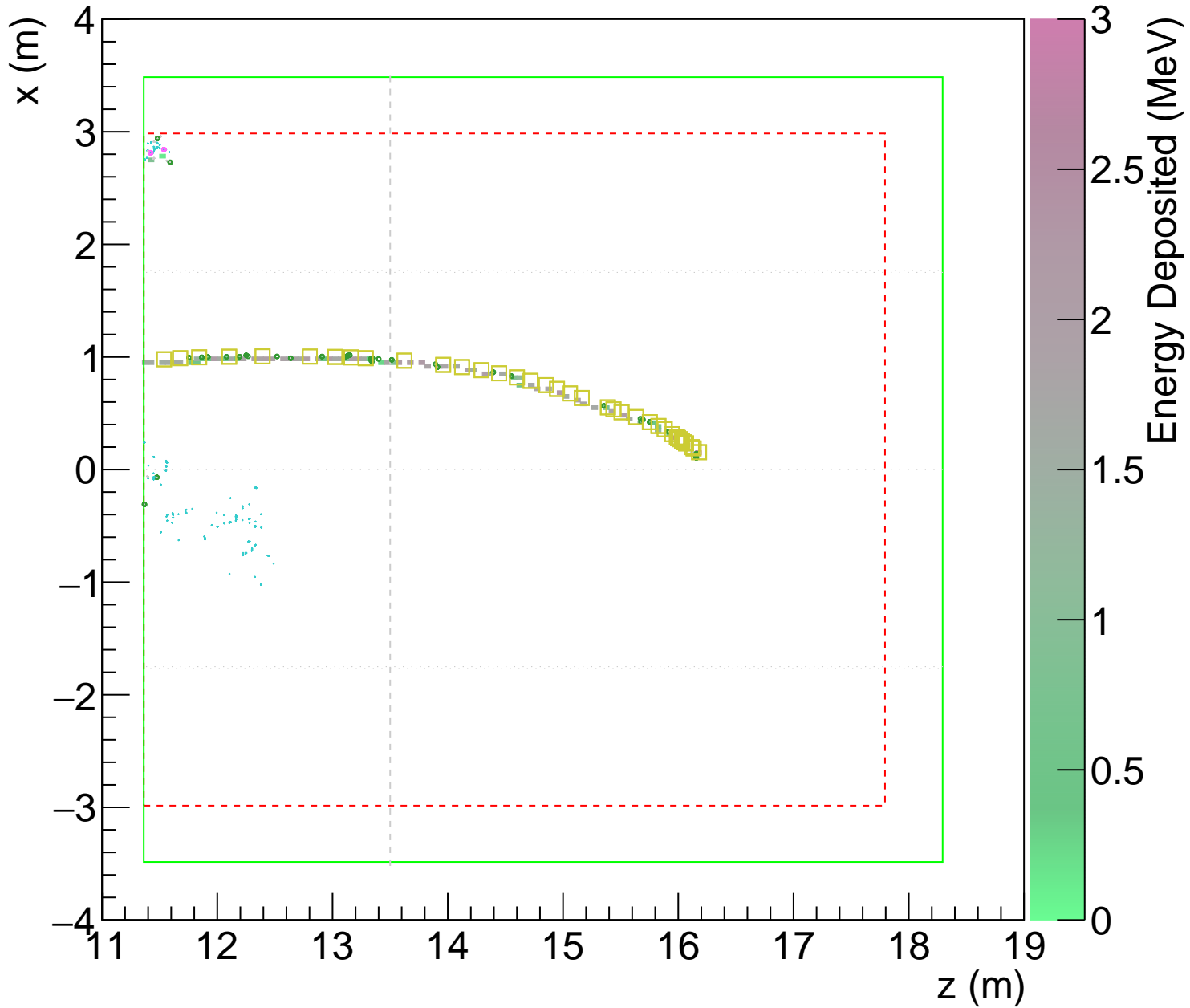
nLines: 1, nClusters: 0



Event 320, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.84$  GeV,  $E_{\mu}^{\text{true}}=3.08$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

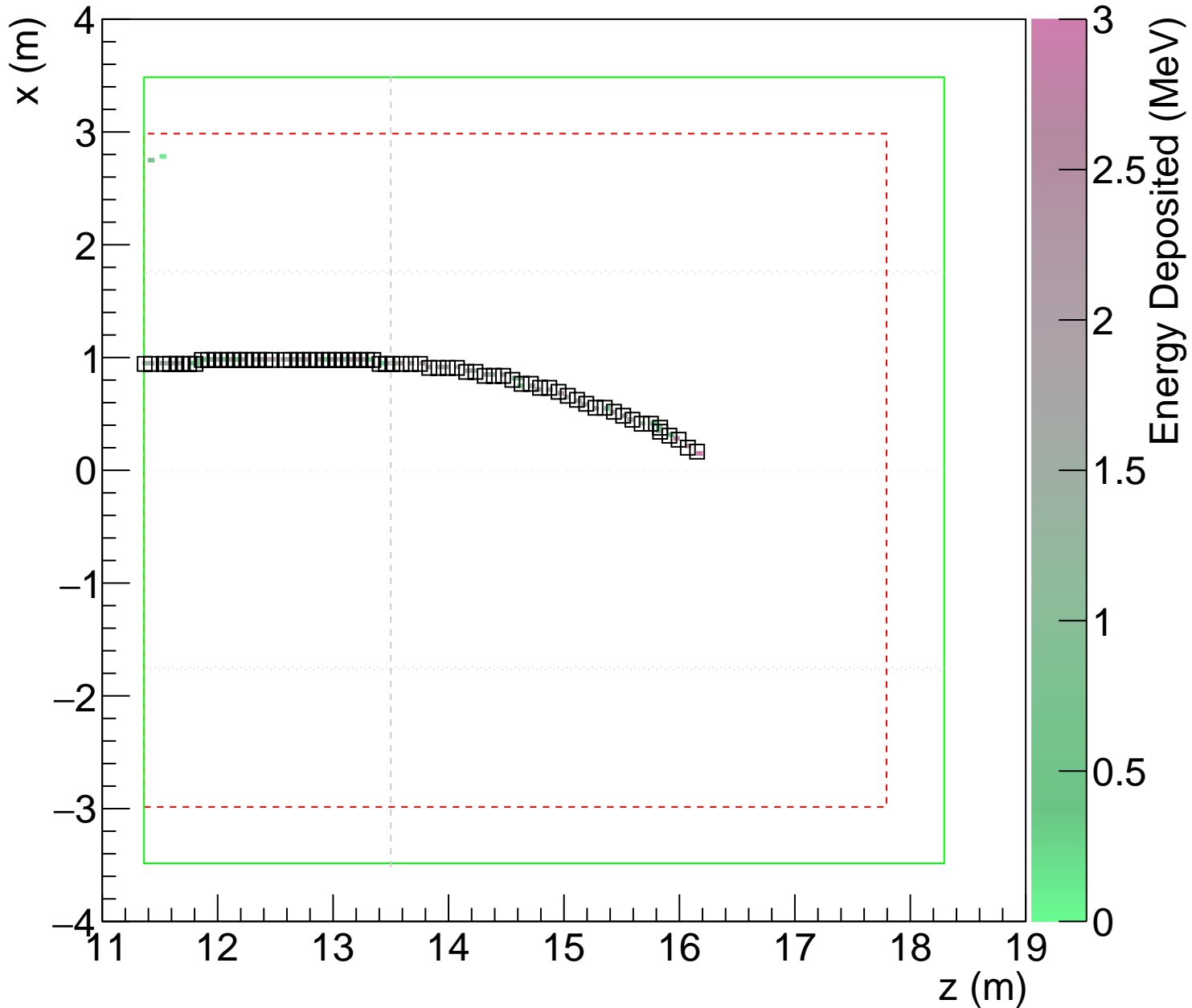


Event 320, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=0.84$  GeV,  $E_{\mu}^{\text{true}}=3.08$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

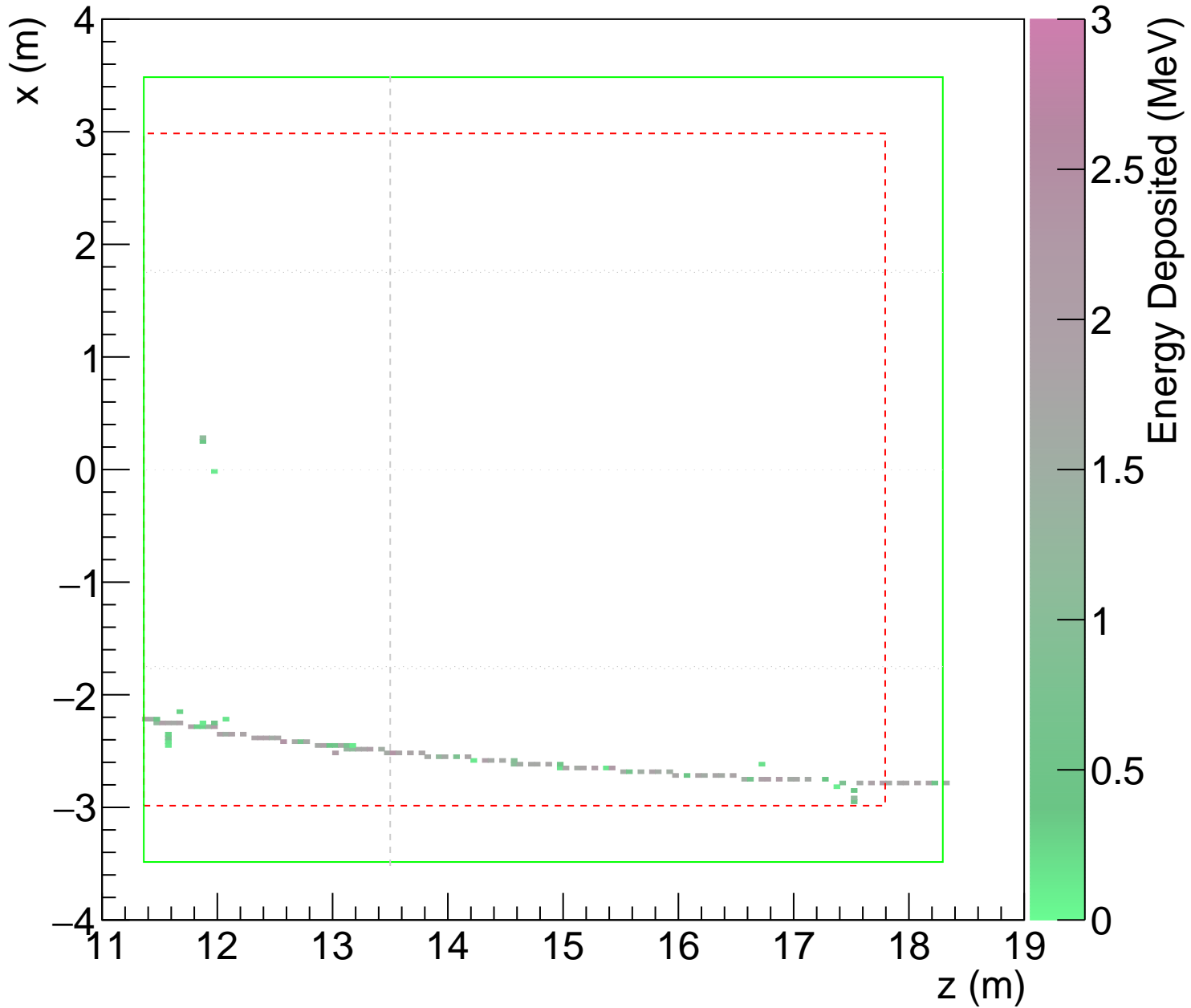


# Event 320 reconstructed

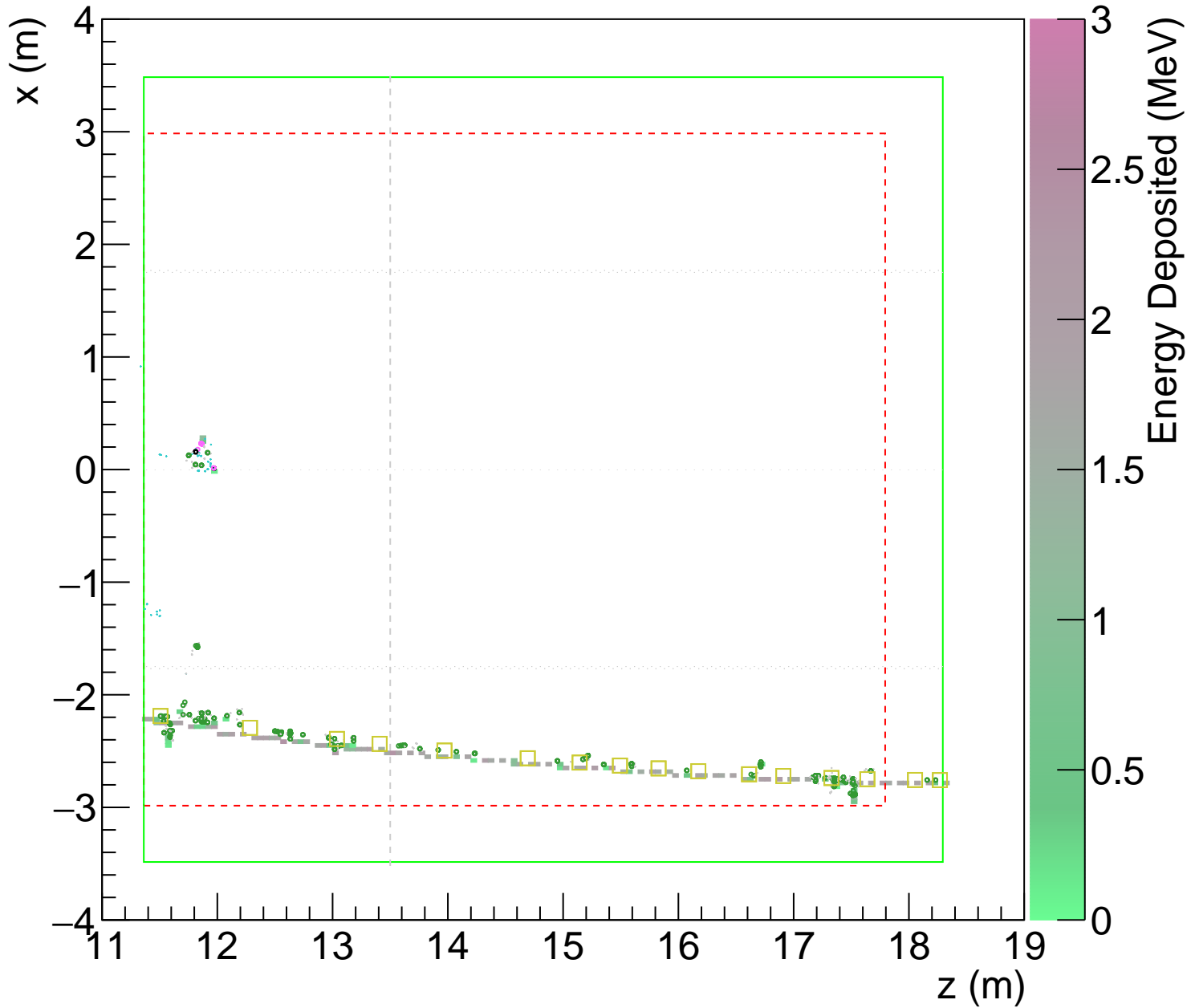
nLines: 1, nClusters: 0



Event 324, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=24.50$  GeV,  $E_{\mu}^{\text{true}}=10.39$  GeV  
nu:14,tgt:1000080160,N:2212,q:1(s),proc:Weak[CC],DIS,

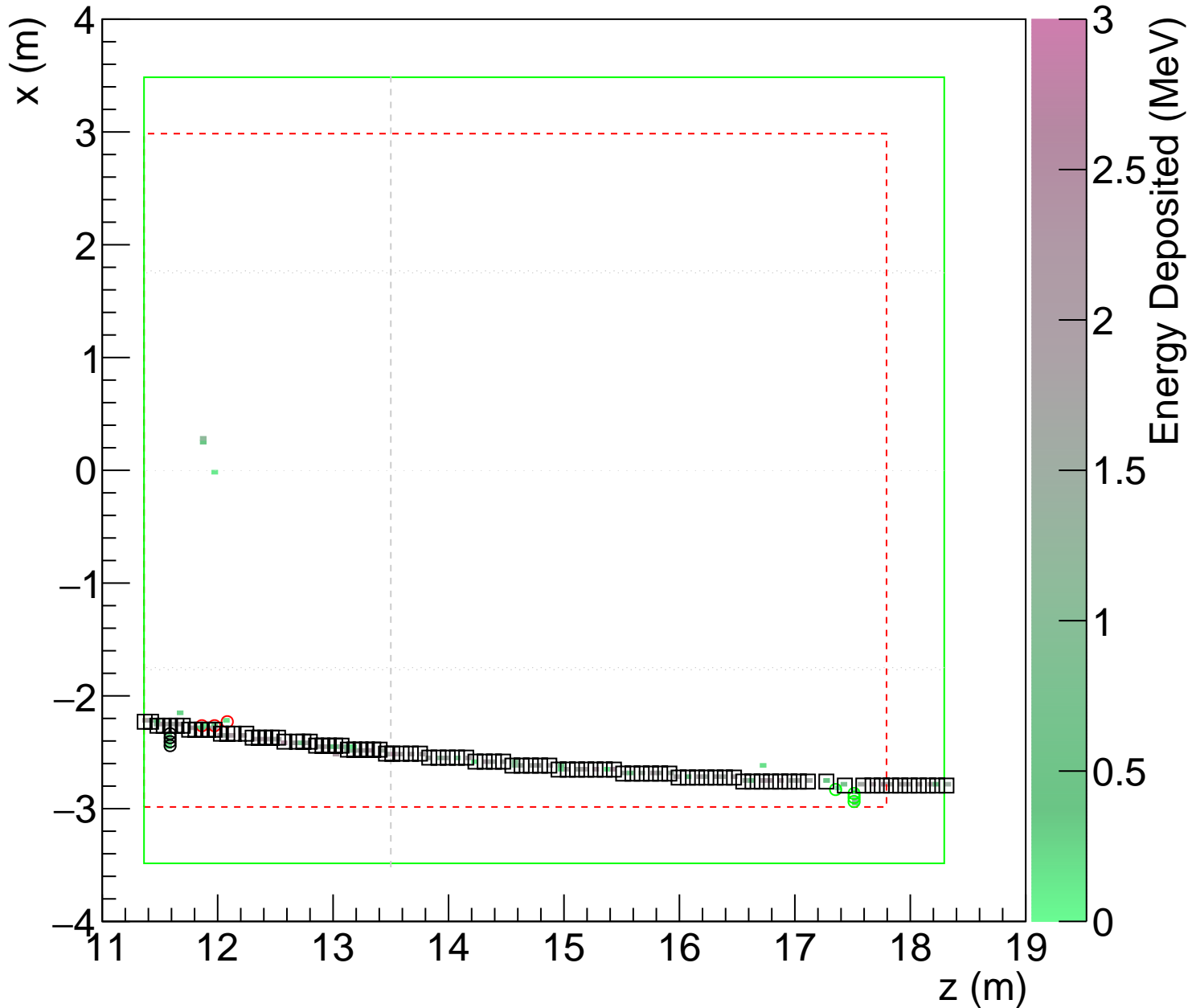


Event 324, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=24.50$  GeV,  $E_{\mu}^{\text{true}}=10.39$  GeV  
nu:14,tgt:1000080160,N:2212,q:1(s),proc:Weak[CC],DIS,



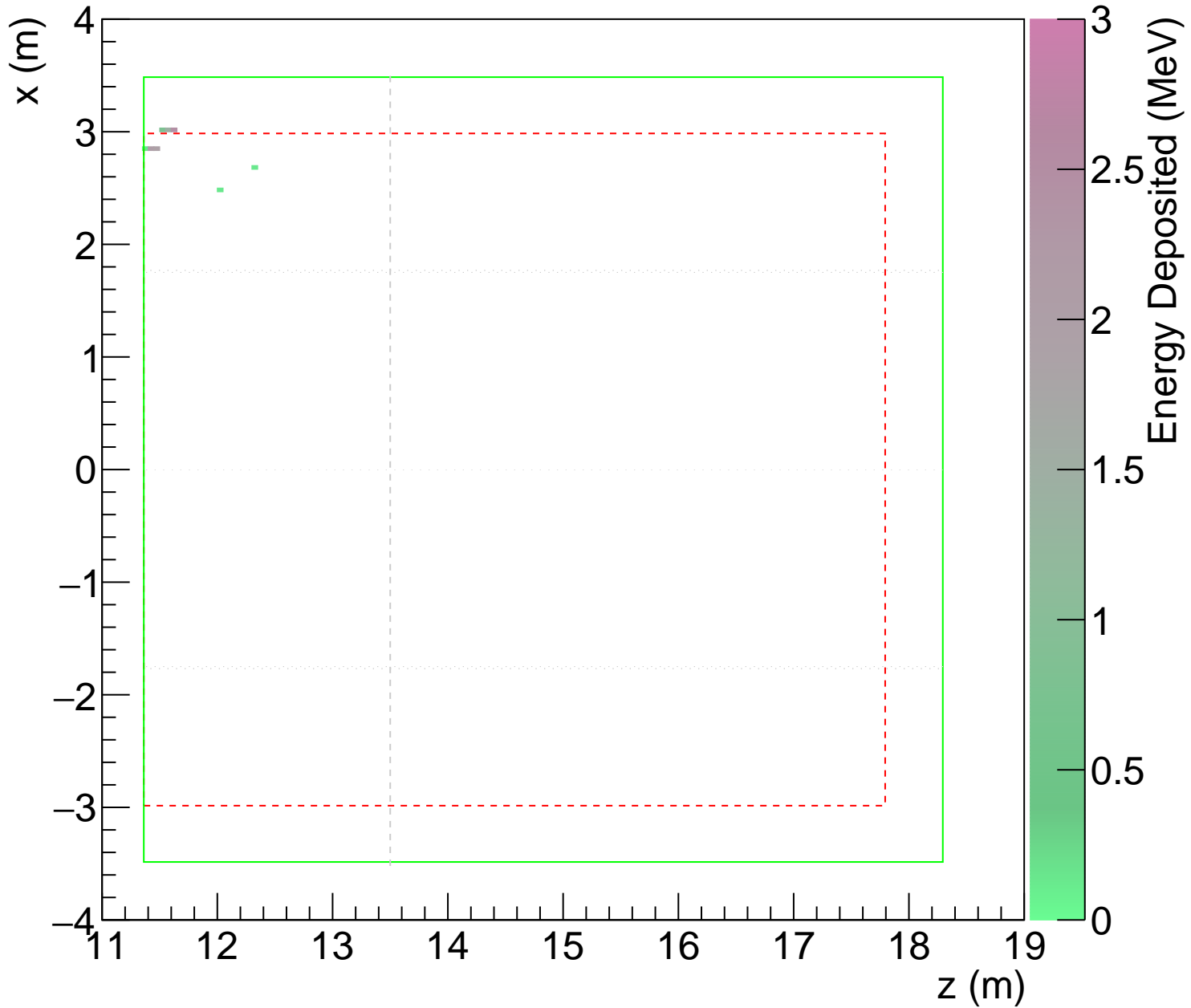
# Event 324 reconstructed

nLines: 1, nClusters: 3

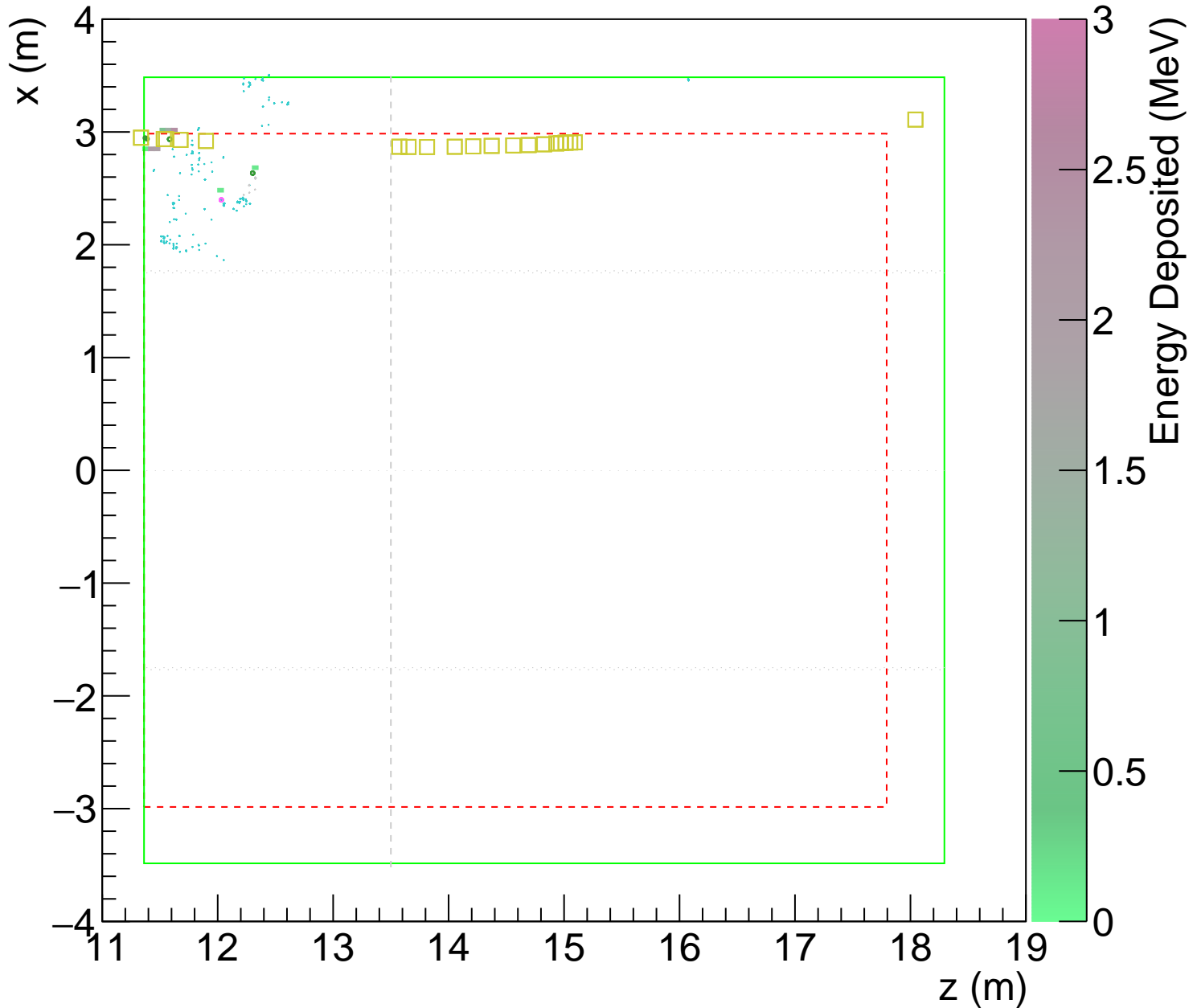




Event 327, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.12$  GeV,  $E_{\mu}^{\text{true}}=2.38$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

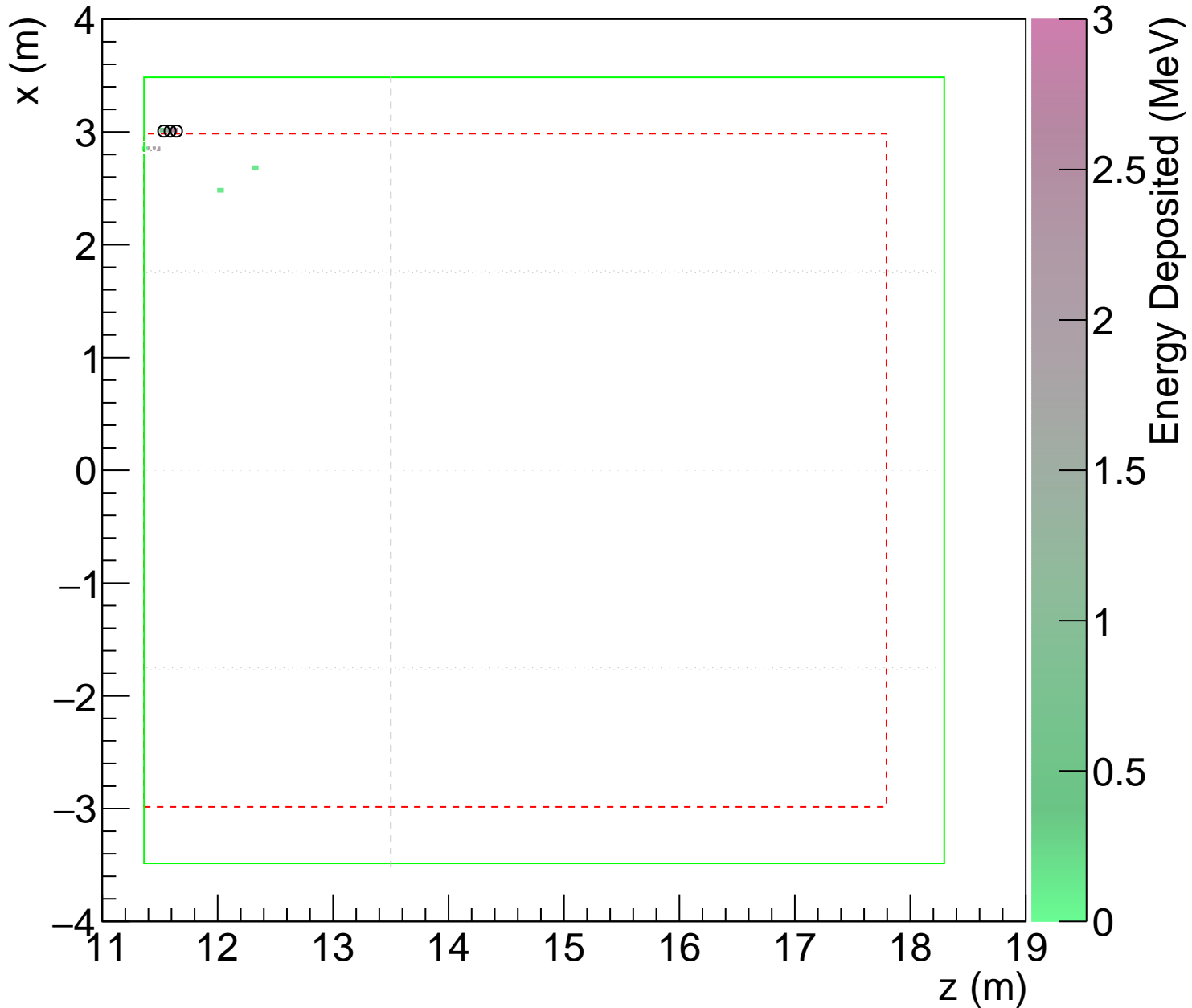


Event 327, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.12$  GeV,  $E_{\mu}^{\text{true}}=2.38$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

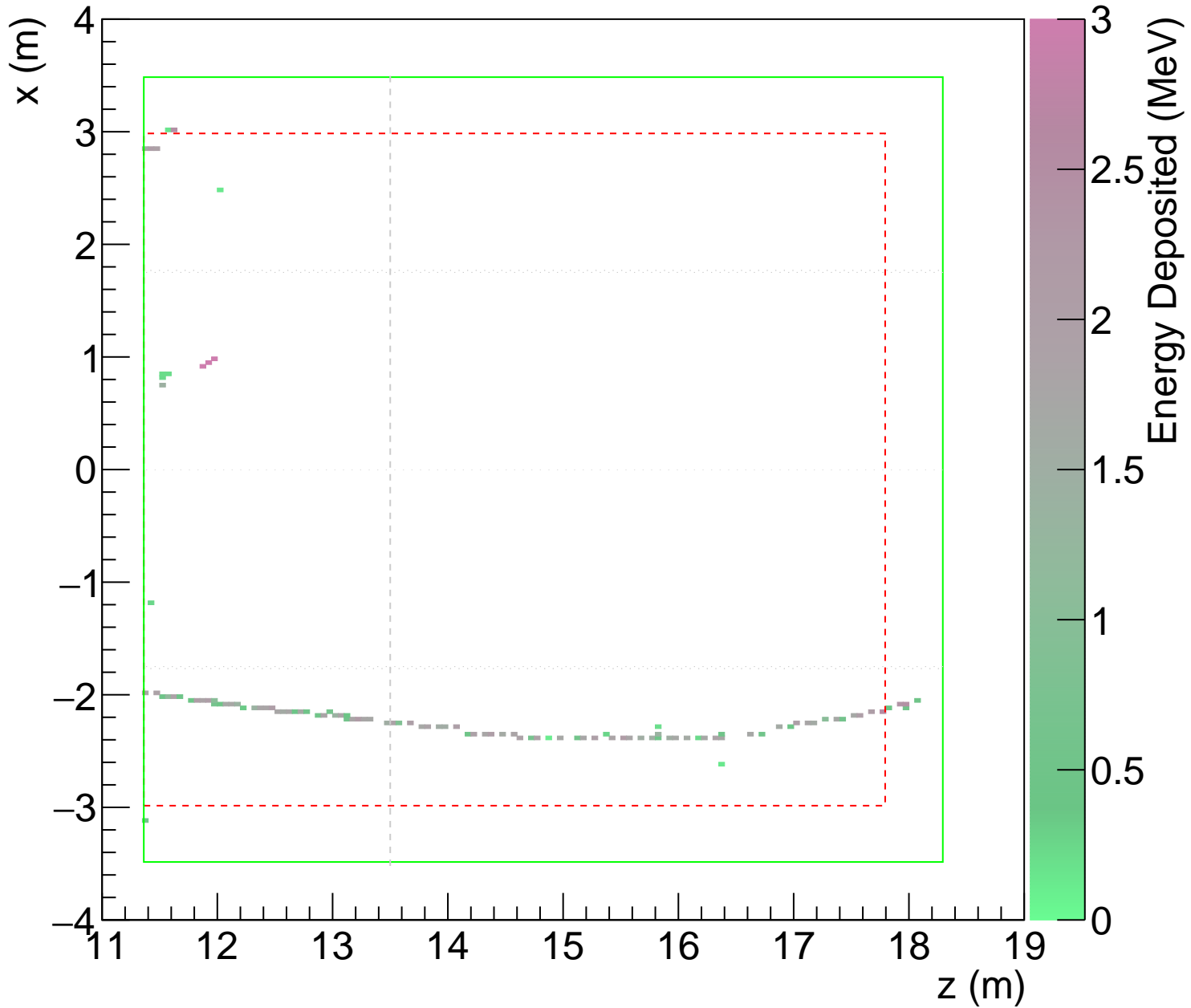


# Event 327 reconstructed

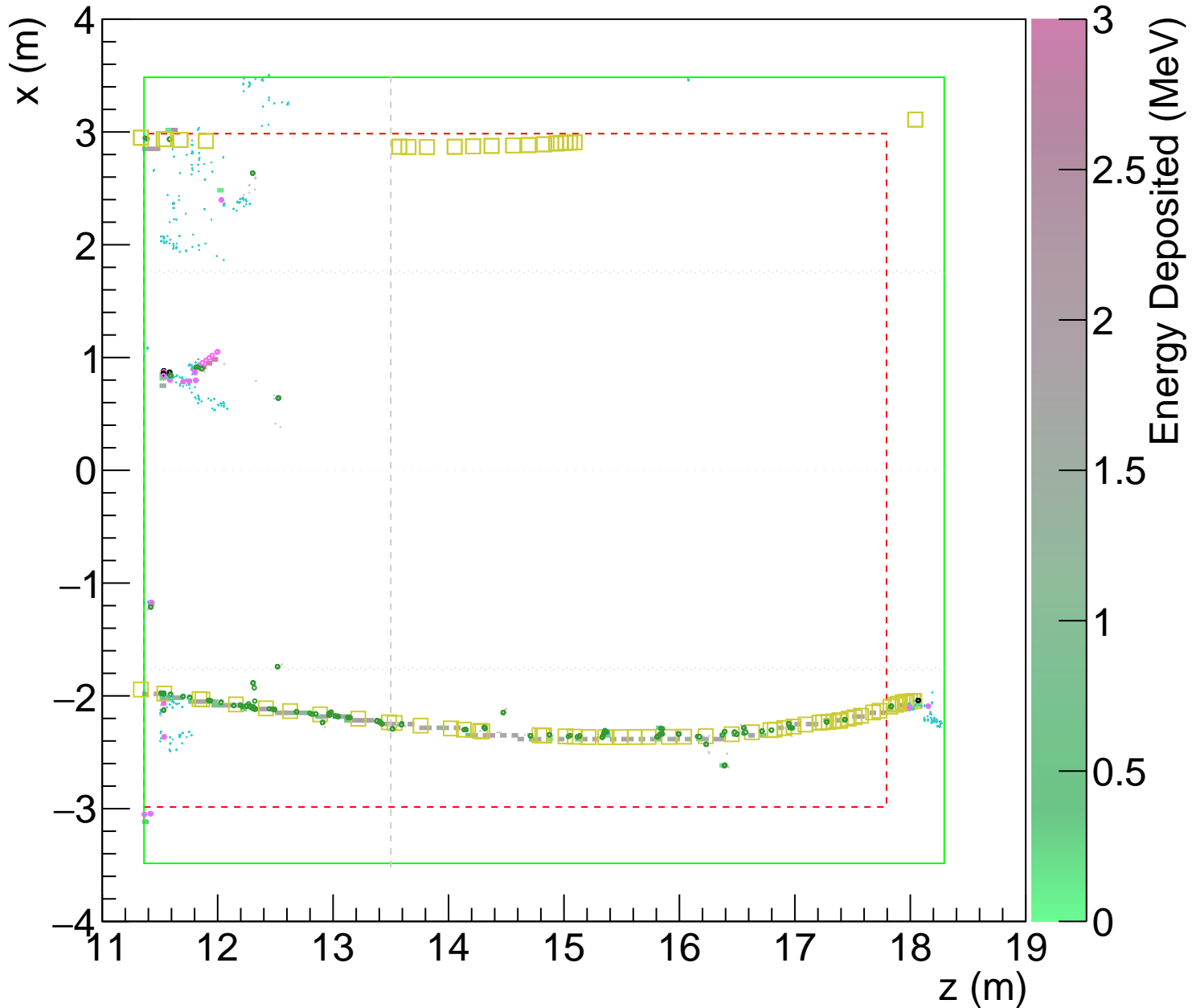
nLines: 0, nClusters: 2



Event 328, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.23$  GeV,  $E_{\mu}^{\text{true}}=4.61$  GeV  
nu:14,tgt:1000180400,N:2212,q:-2(s),proc:Weak[CC],DIS,

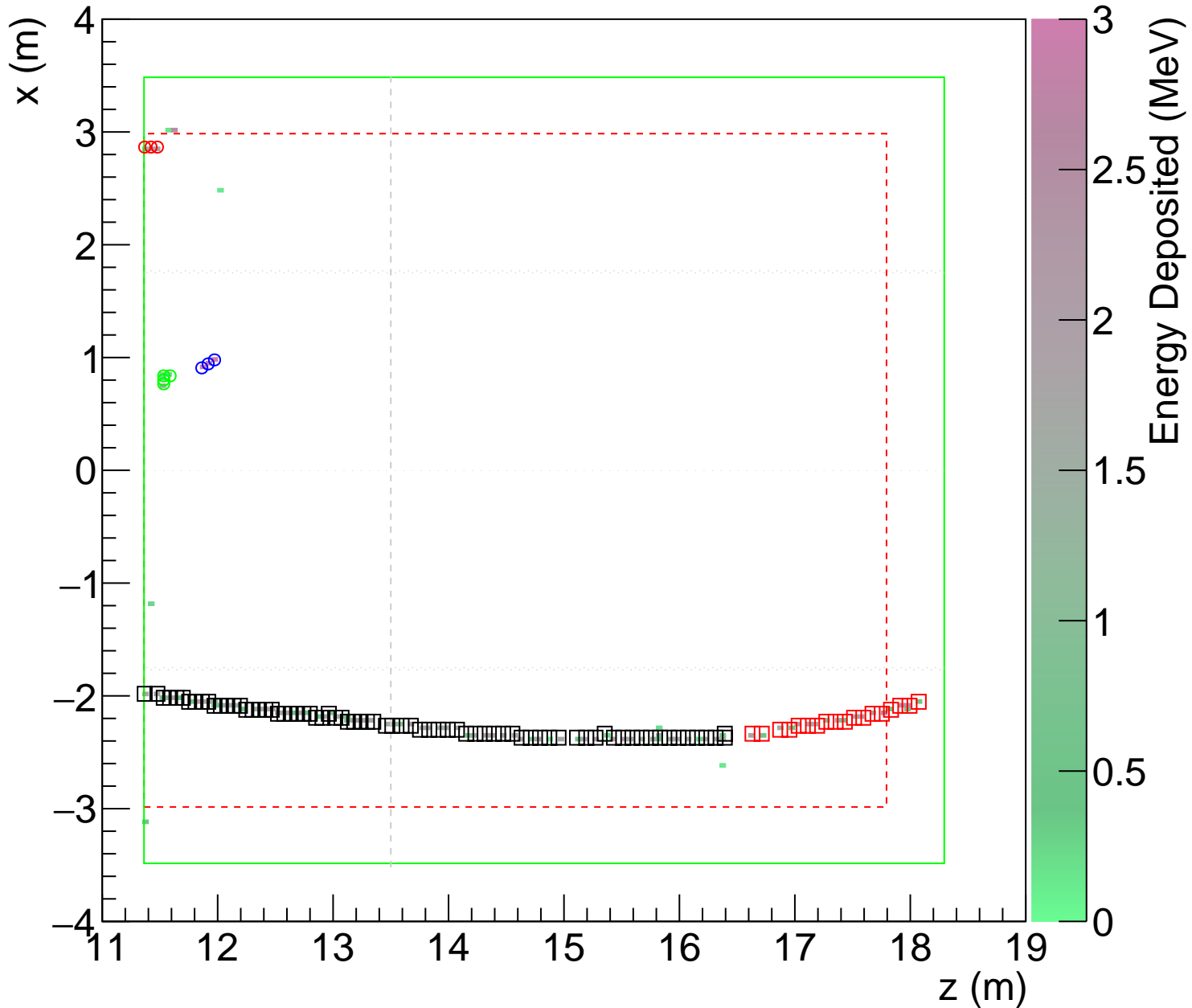


Event 328, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.23$  GeV,  $E_{\mu}^{\text{true}}=4.61$  GeV  
nu:14,tgt:1000180400,N:2212,q:-2(s),proc:Weak[CC],DIS,

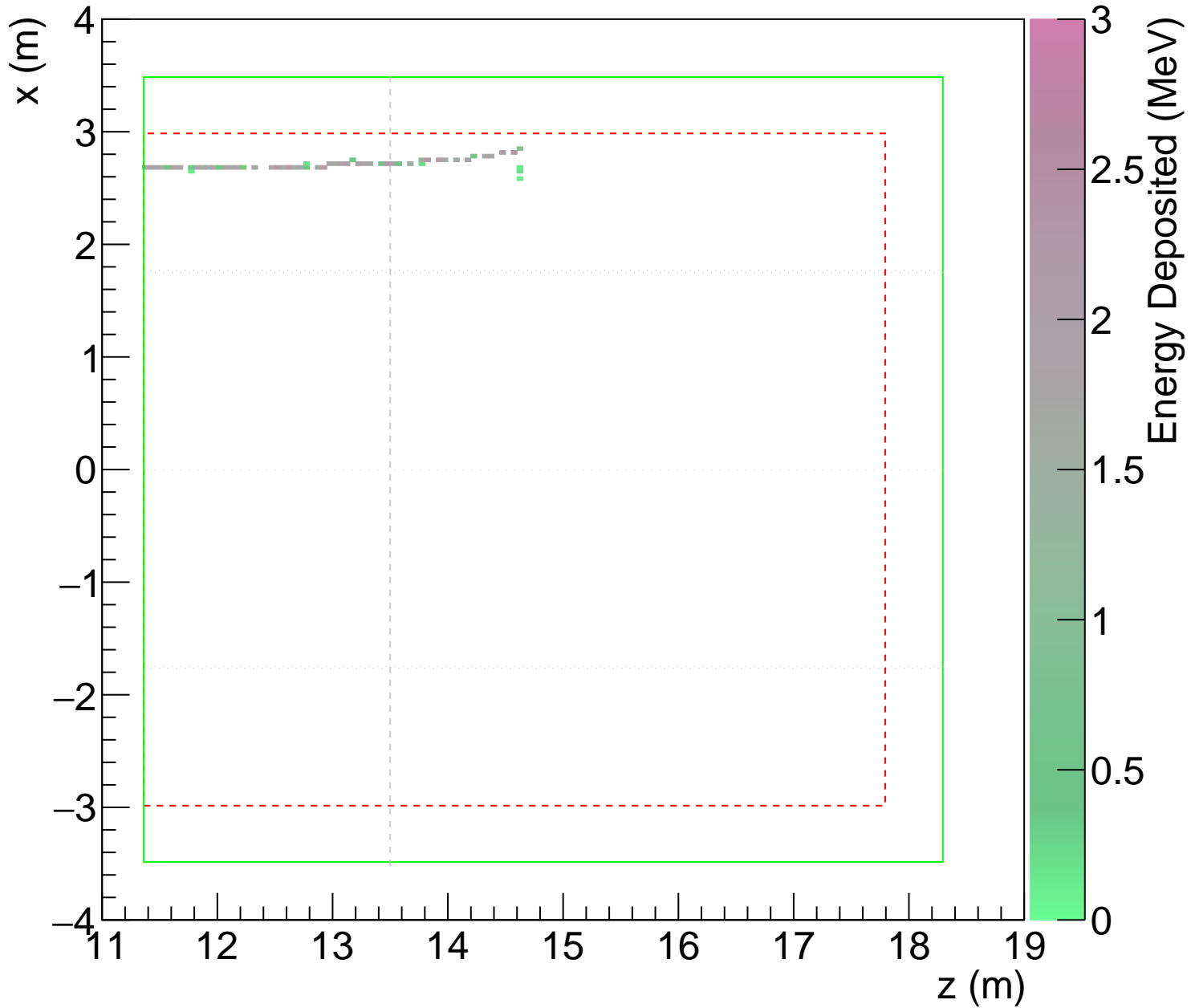


# Event 328 reconstructed

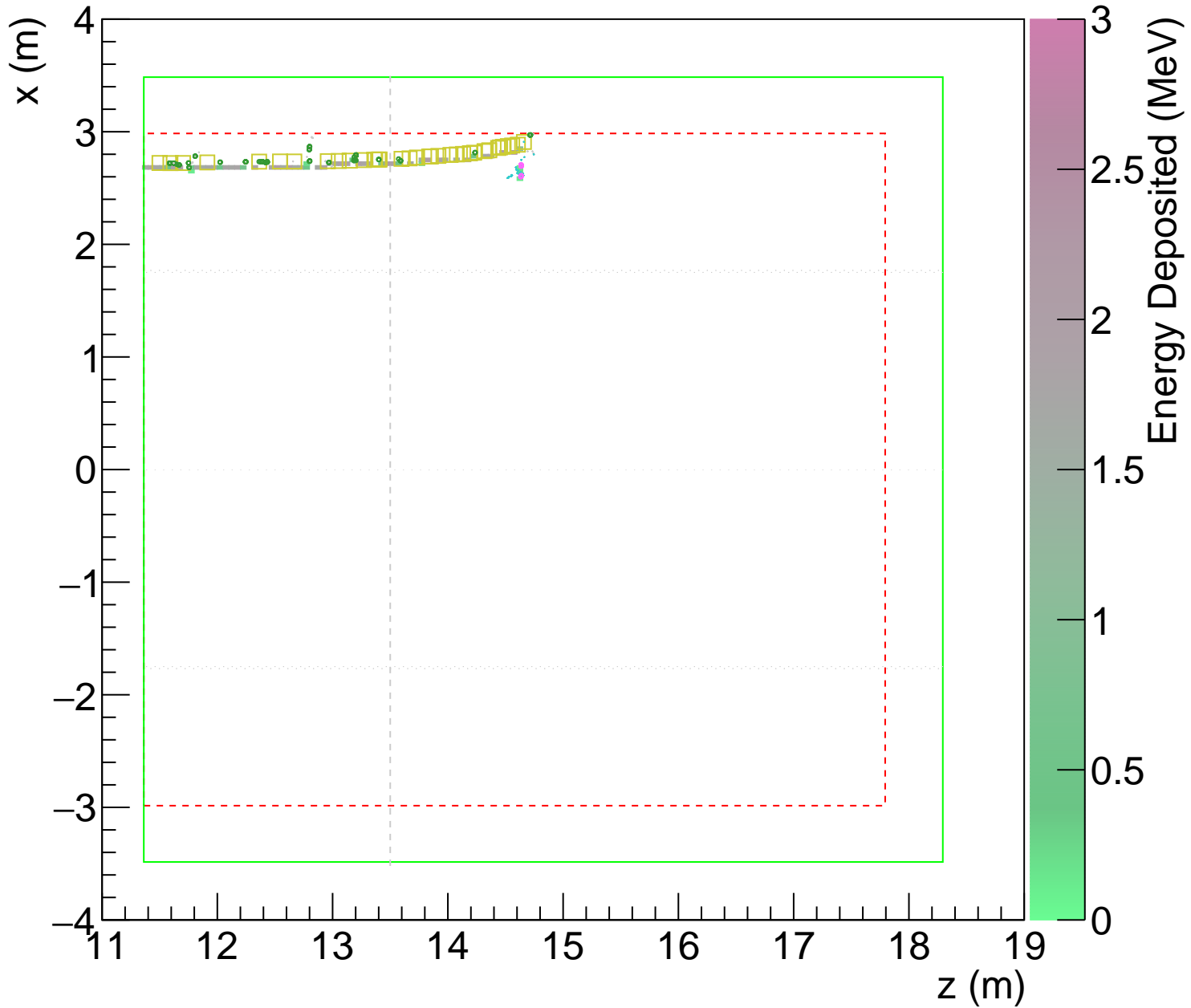
nLines: 2, nClusters: 3



Event 330, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.65$  GeV,  $E_{\mu}^{\text{true}}=2.28$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



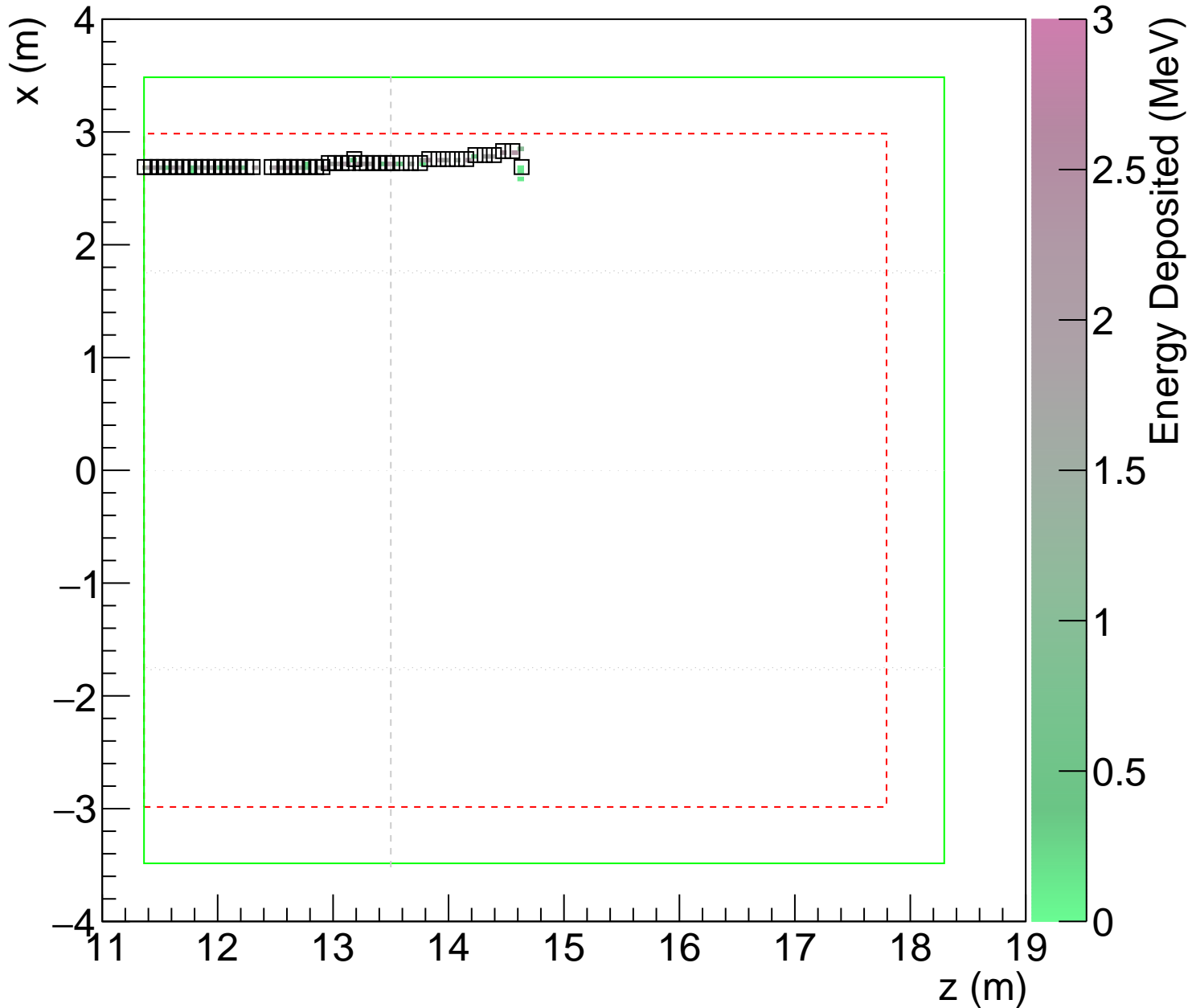
Event 330, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.65$  GeV,  $E_{\mu}^{\text{true}}=2.28$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



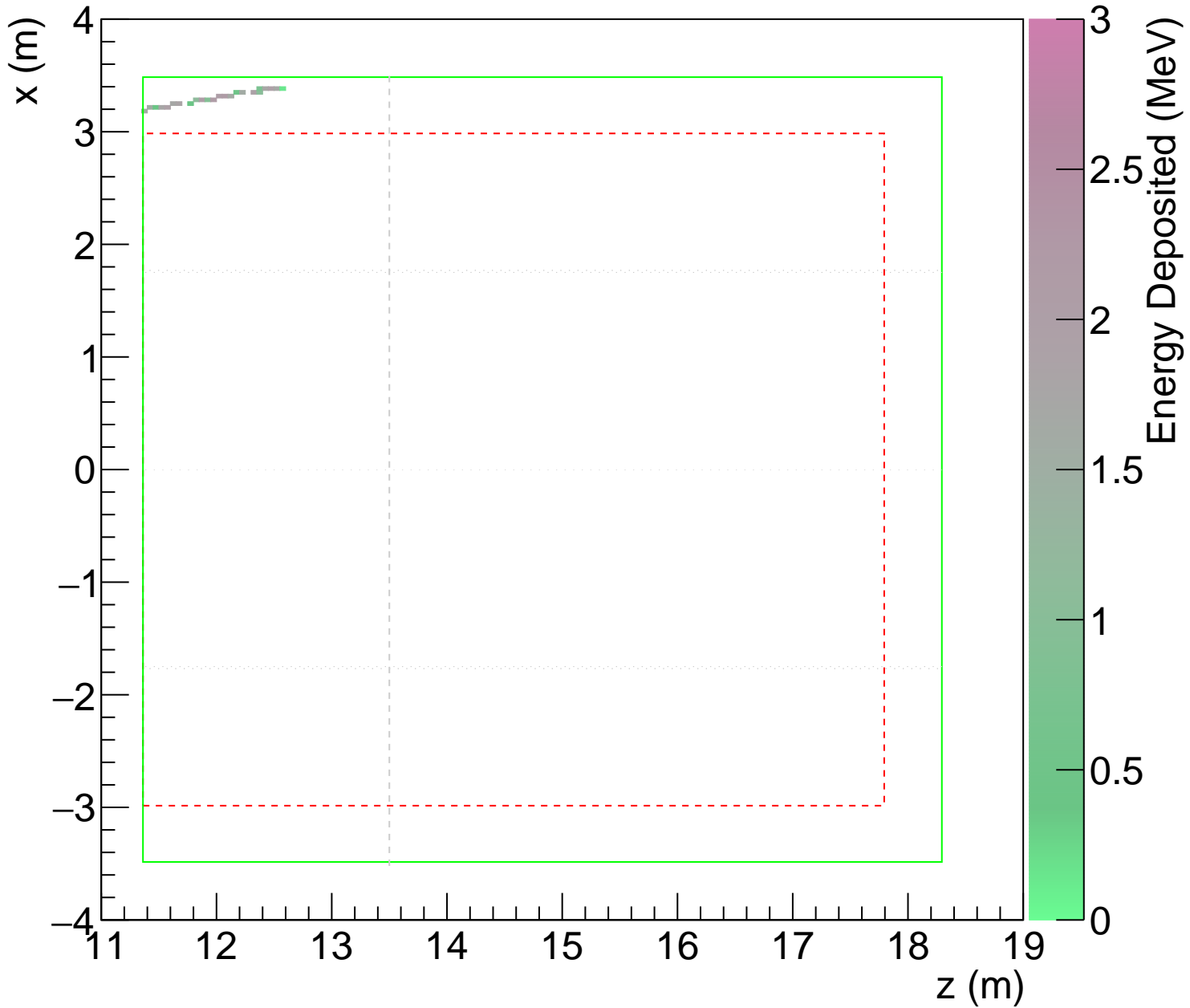


# Event 330 reconstructed

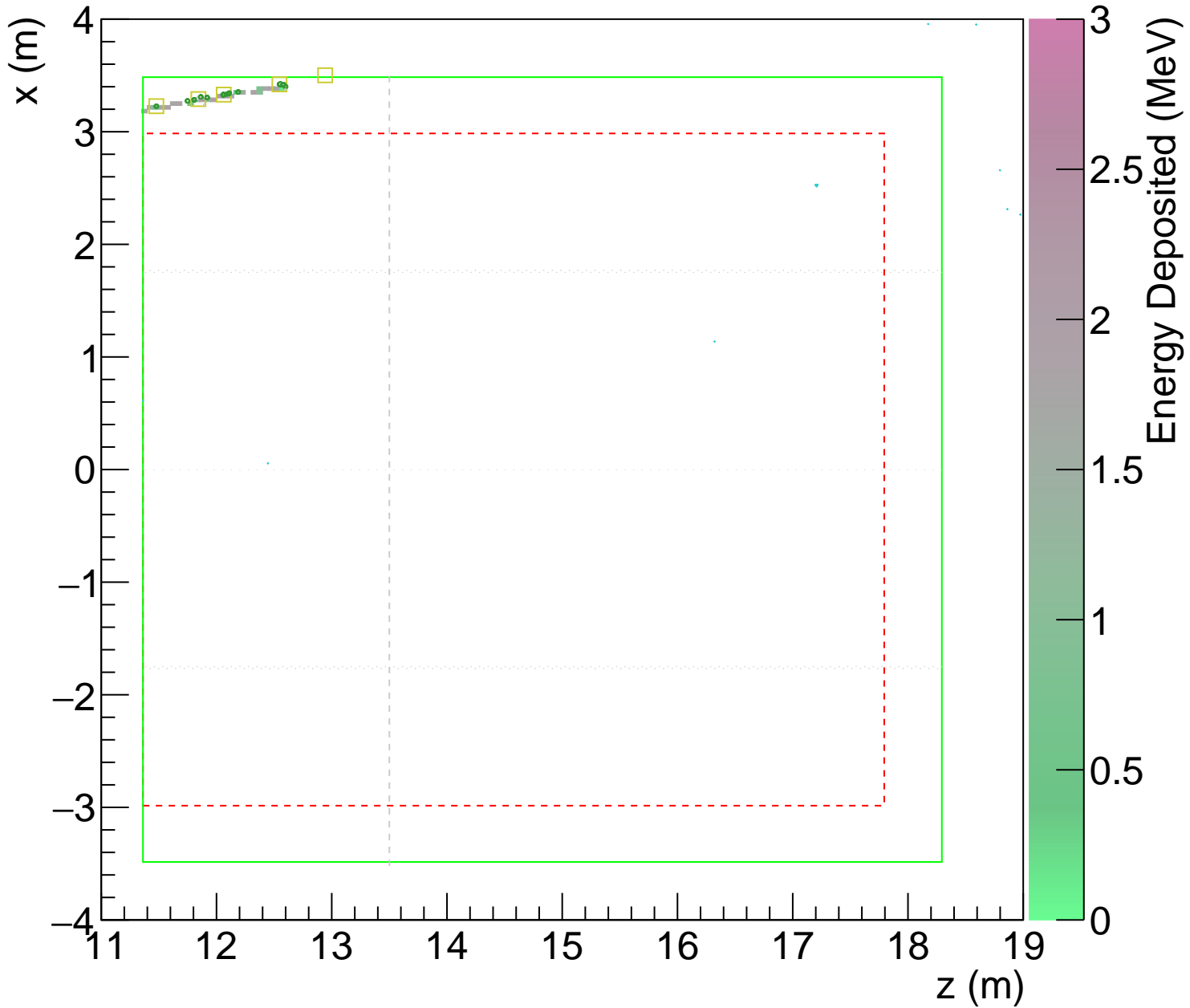
nLines: 1, nClusters: 0



Event 332, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.11$  GeV,  $E_{\mu}^{\text{true}}=7.38$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

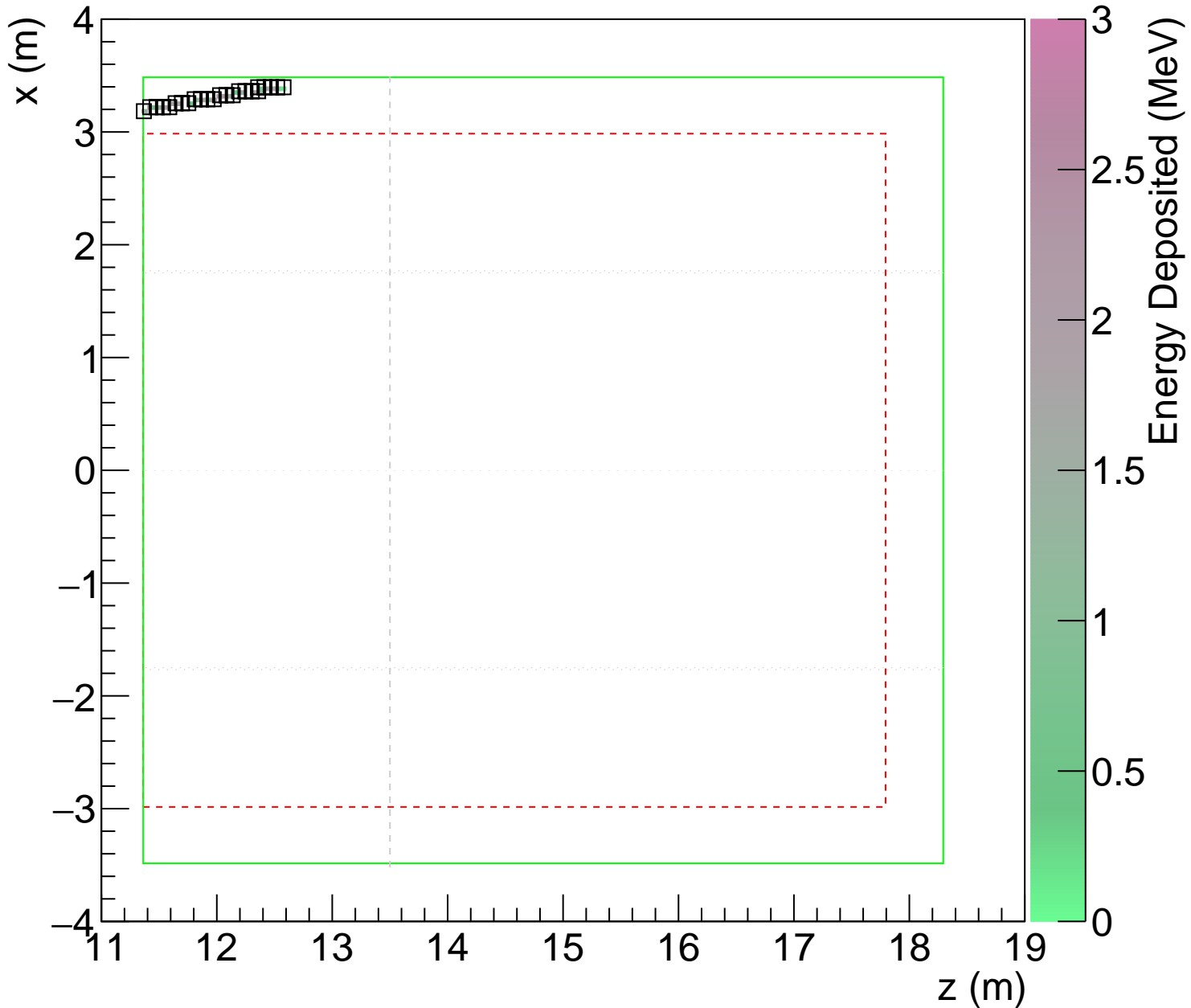


Event 332, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.11$  GeV,  $E_{\mu}^{\text{true}}=7.38$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

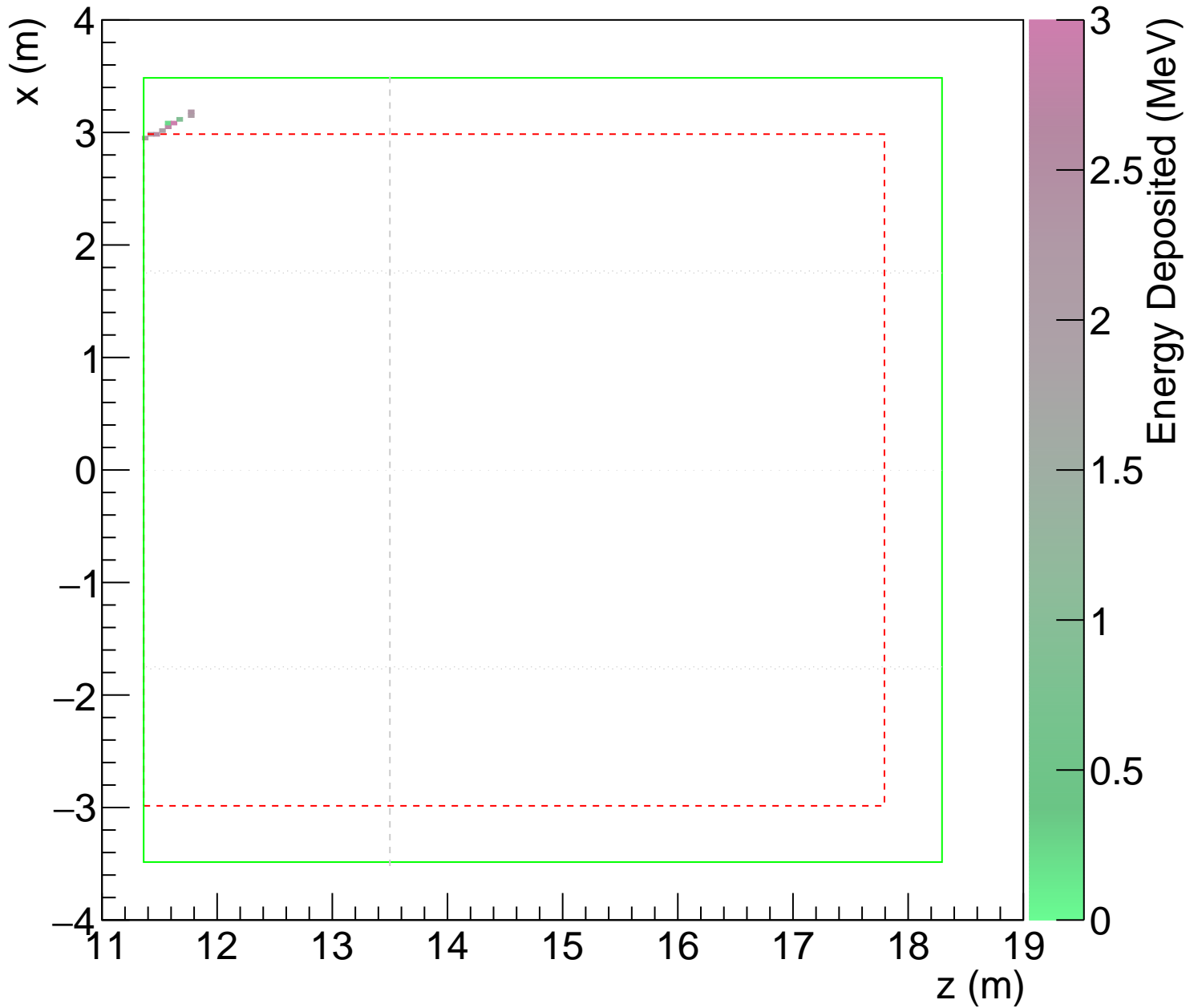


# Event 332 reconstructed

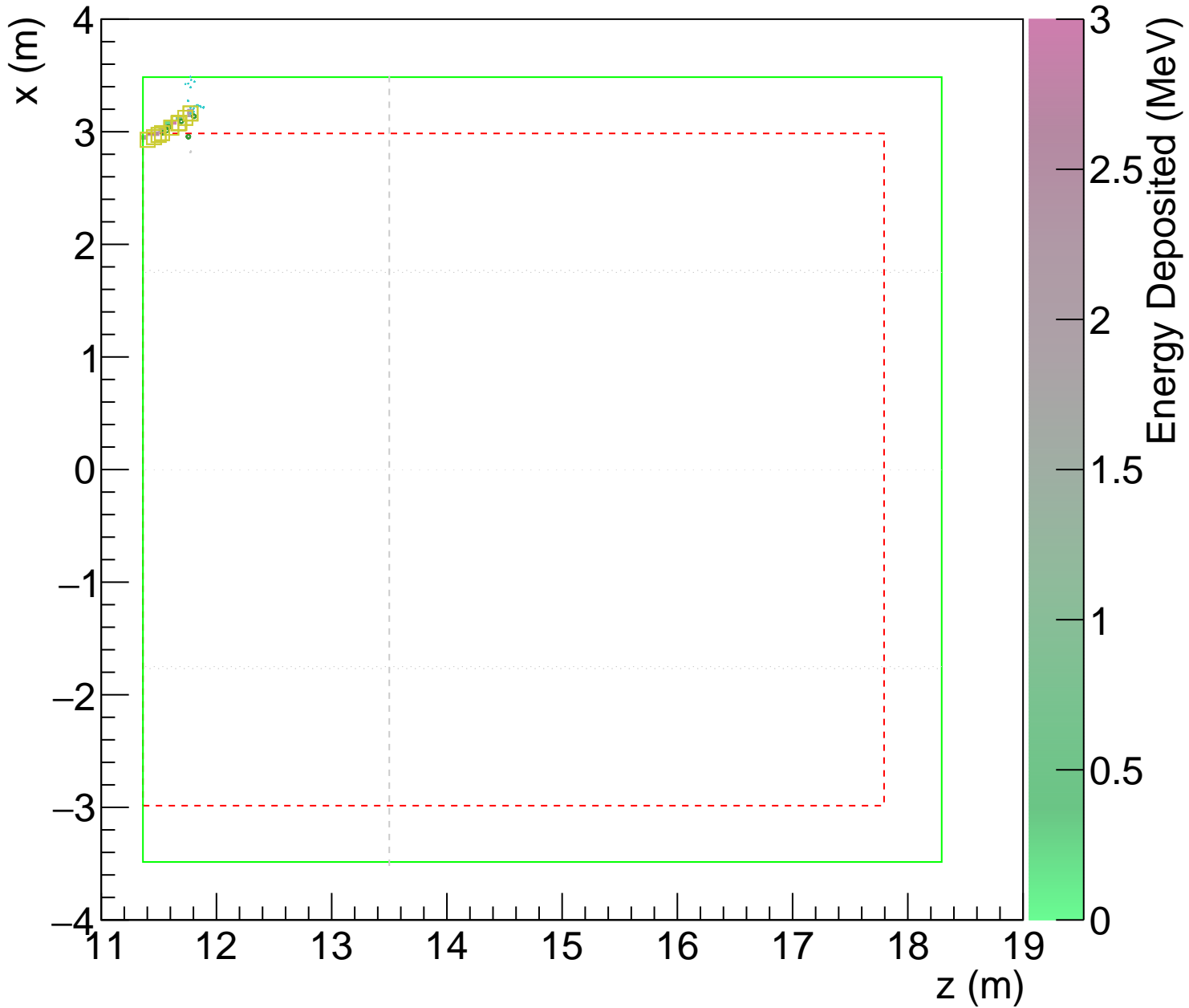
nLines: 1, nClusters: 0



Event 335, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.87$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

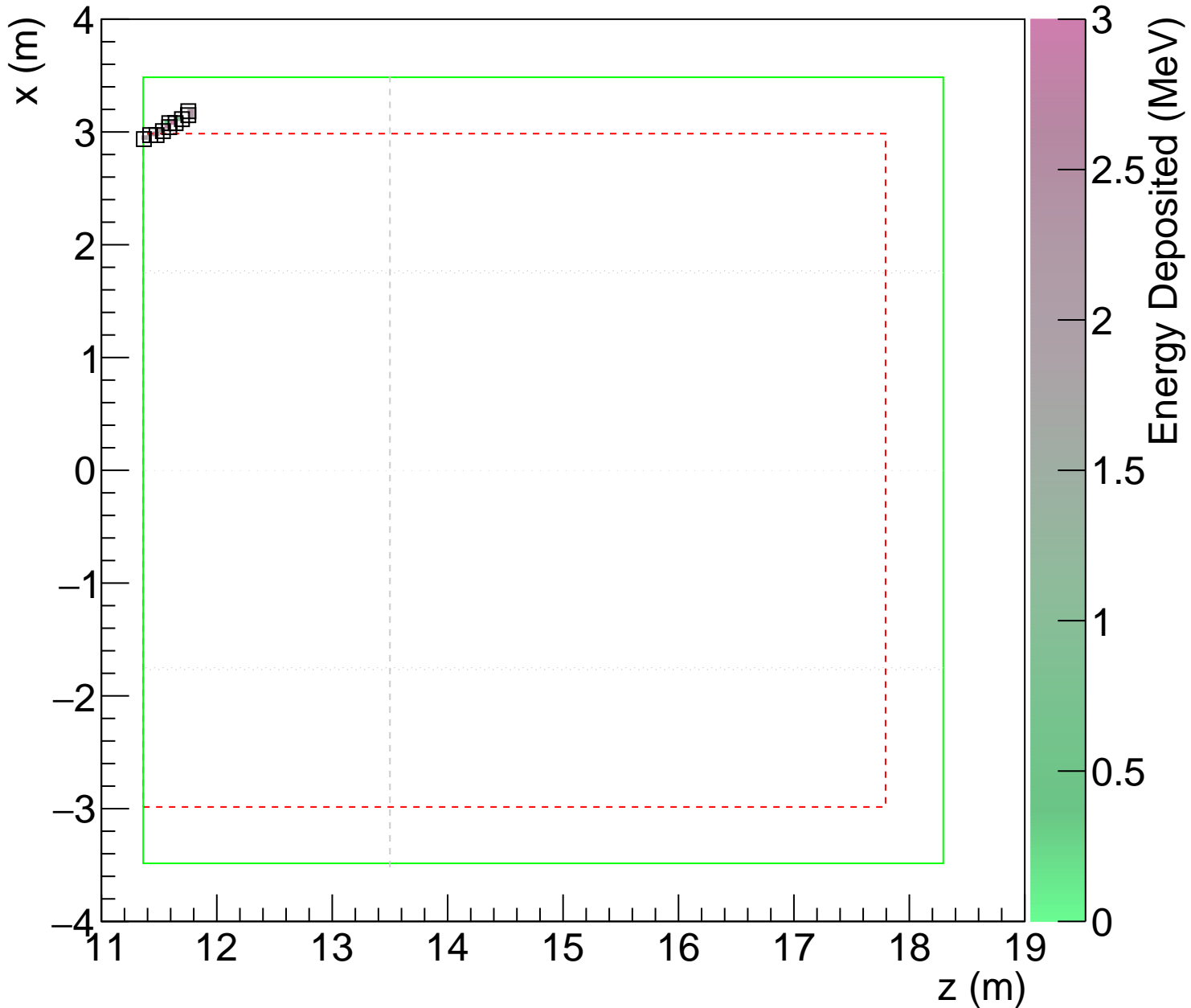


Event 335, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.87$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

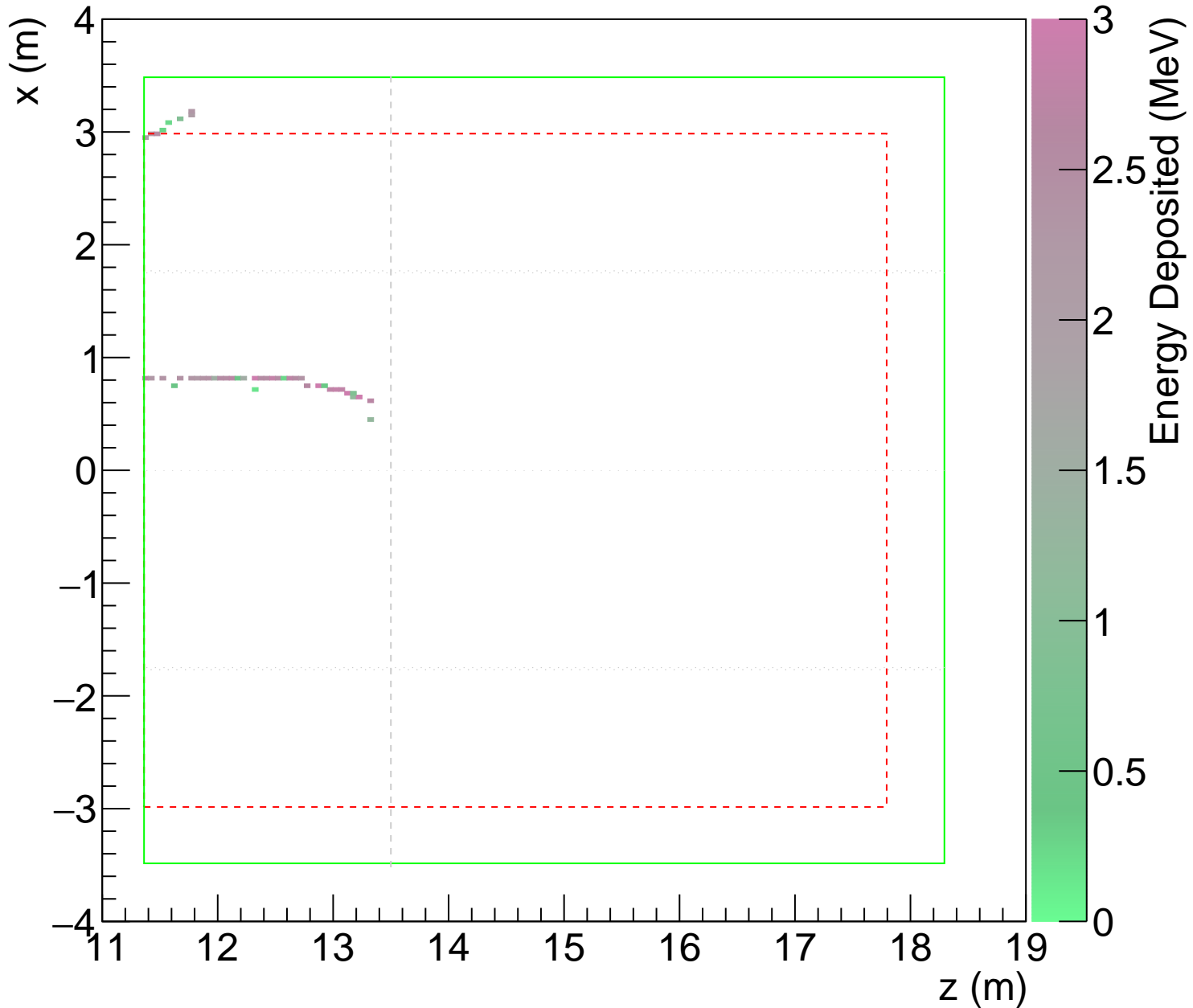


# Event 335 reconstructed

nLines: 1, nClusters: 0

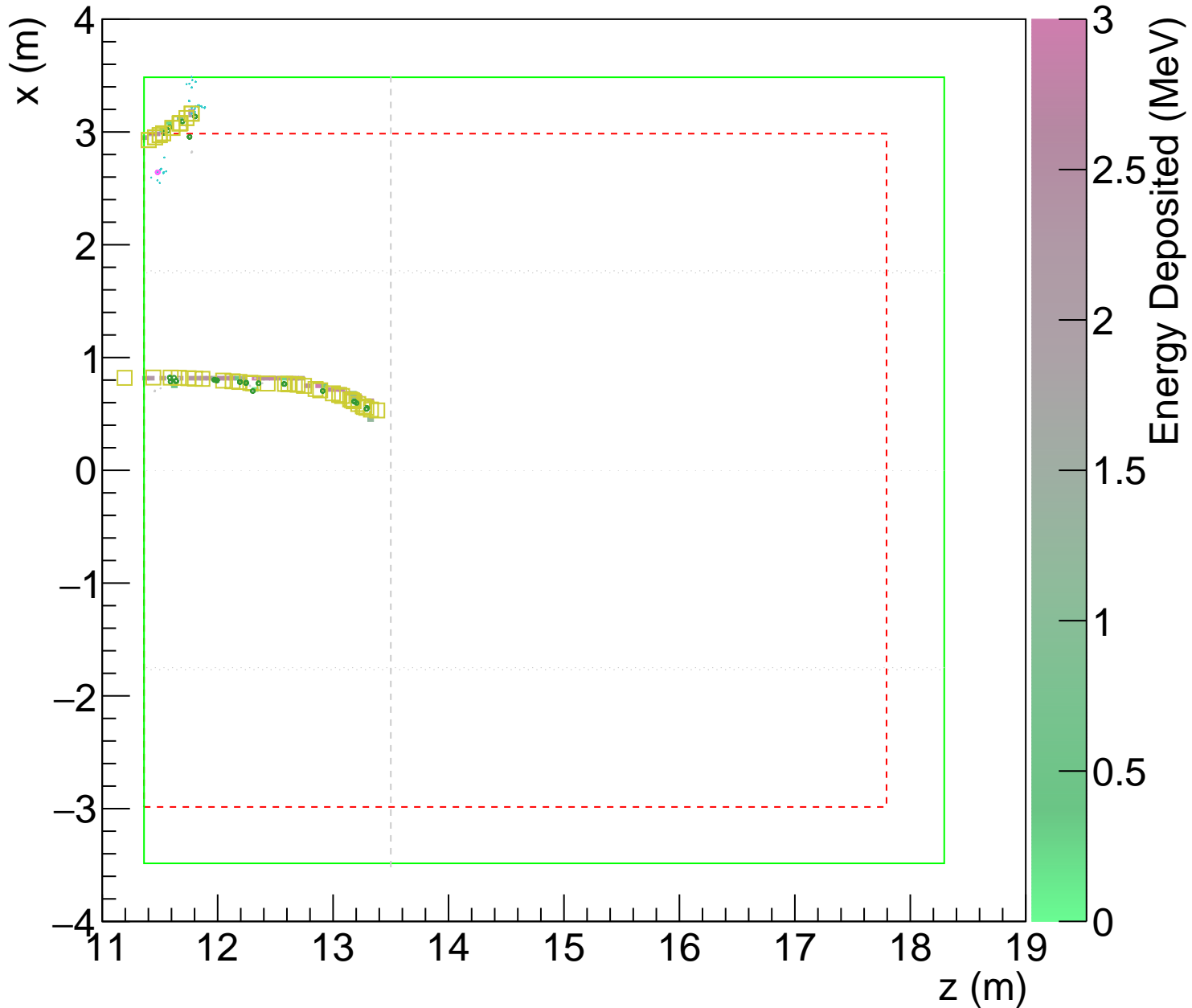


Event 336, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.98$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



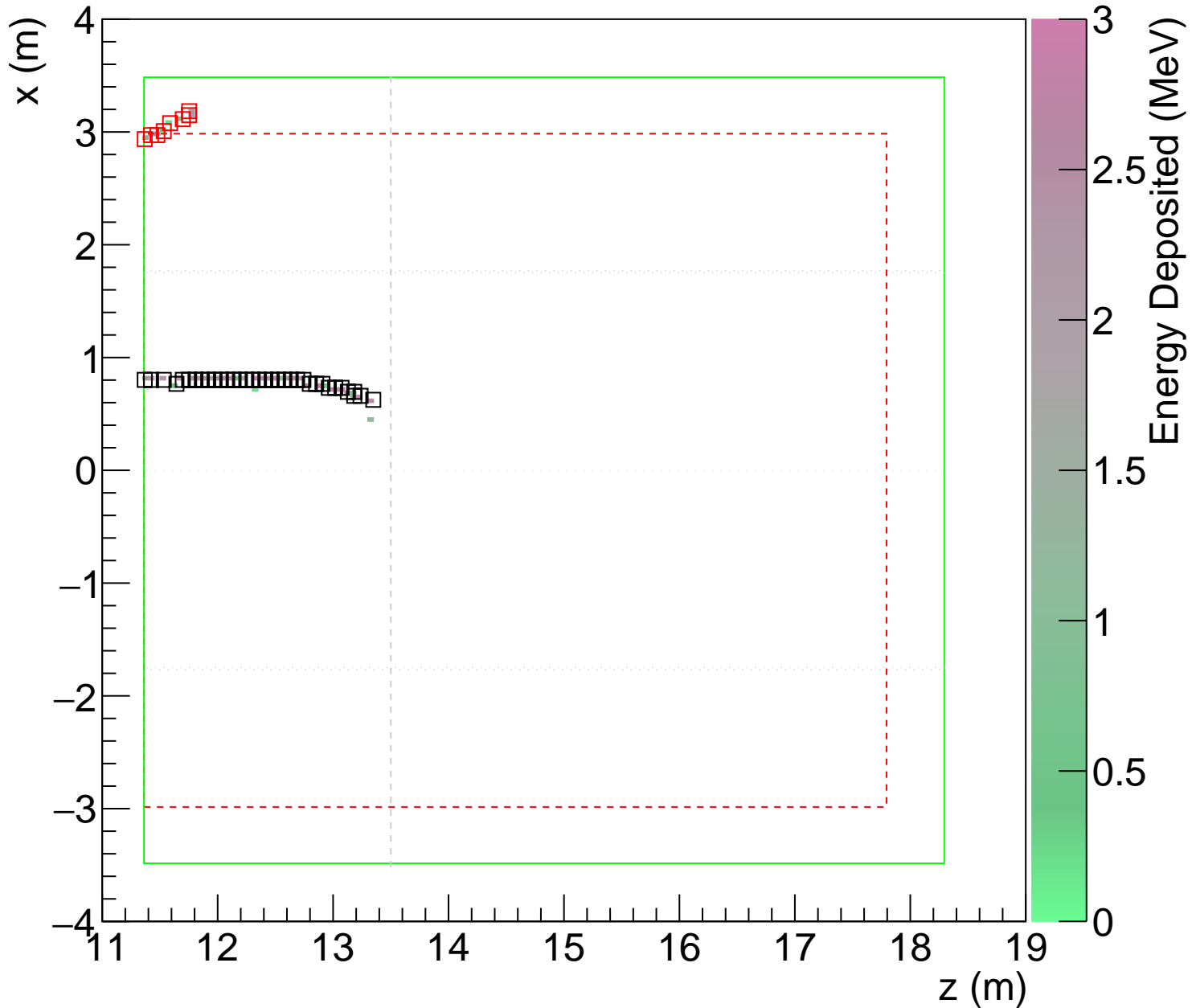


Event 336, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.98$  GeV,  $E_{\mu}^{\text{true}}=1.66$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

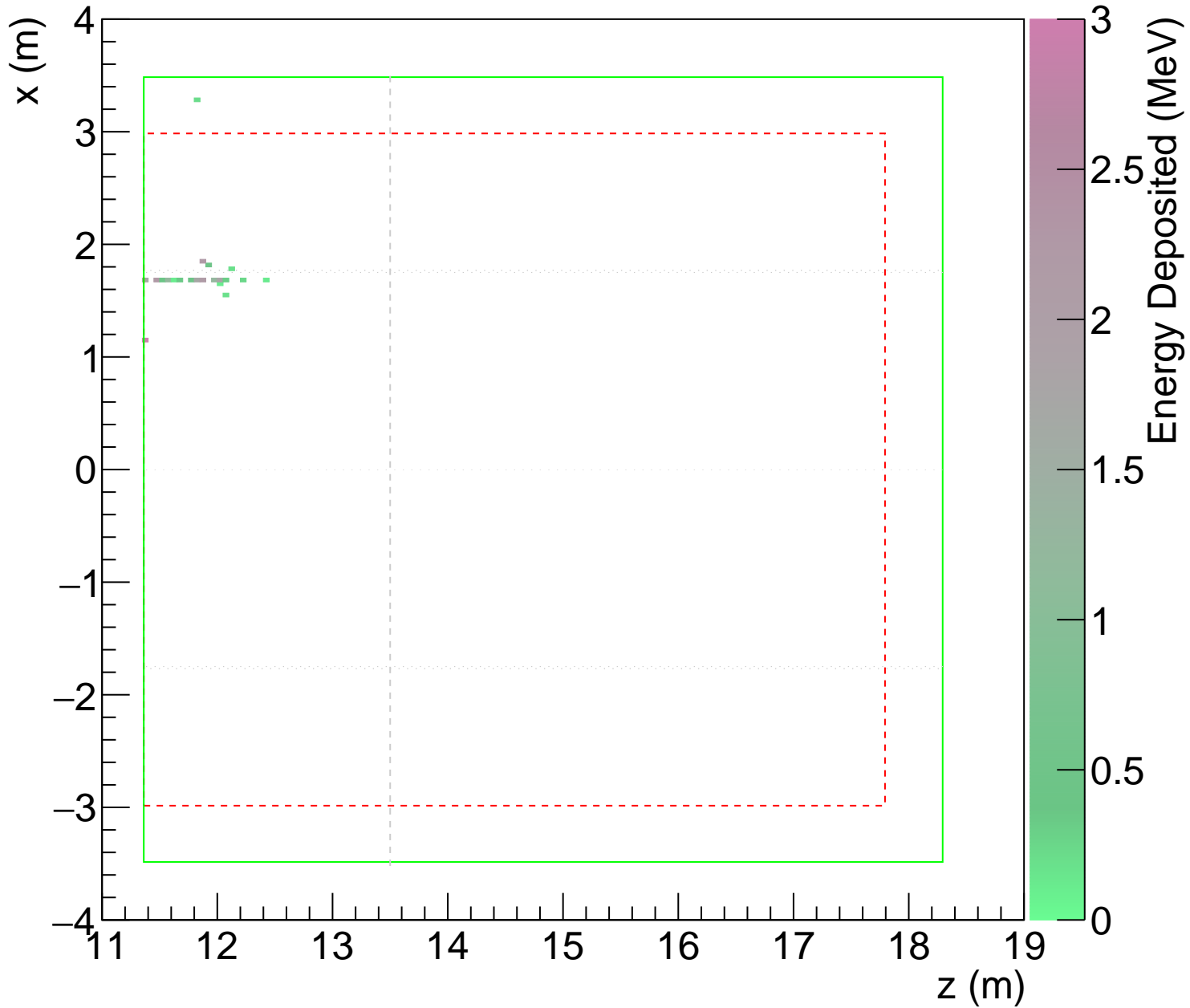


# Event 336 reconstructed

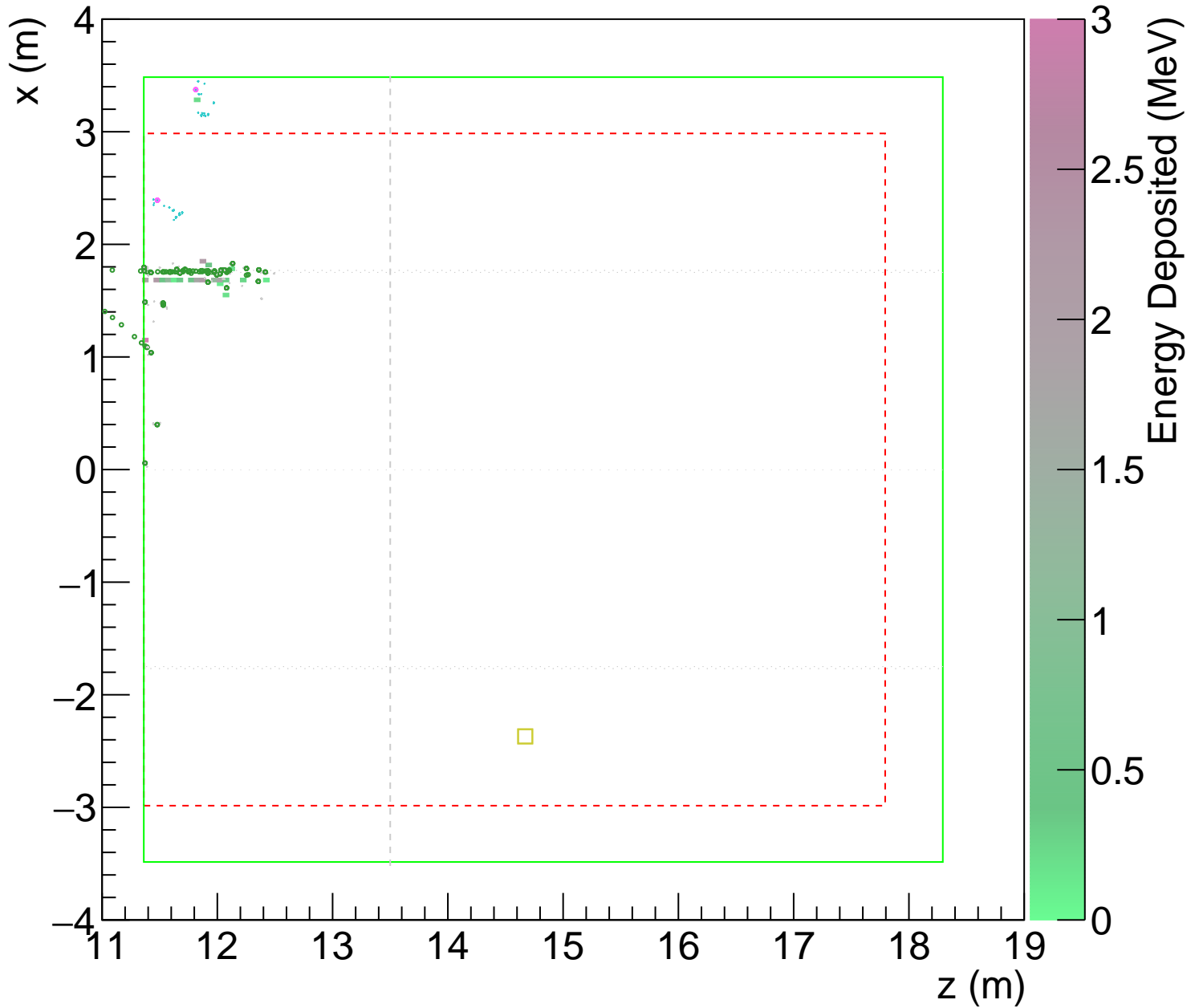
nLines: 2, nClusters: 0



Event 338, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.93$  GeV,  $E_{\mu}^{\text{true}}=1.72$  GeV  
nu:14,tgt:1000180400,N:2112,q:2( $\nu$ ),proc:Weak[NC],DIS,

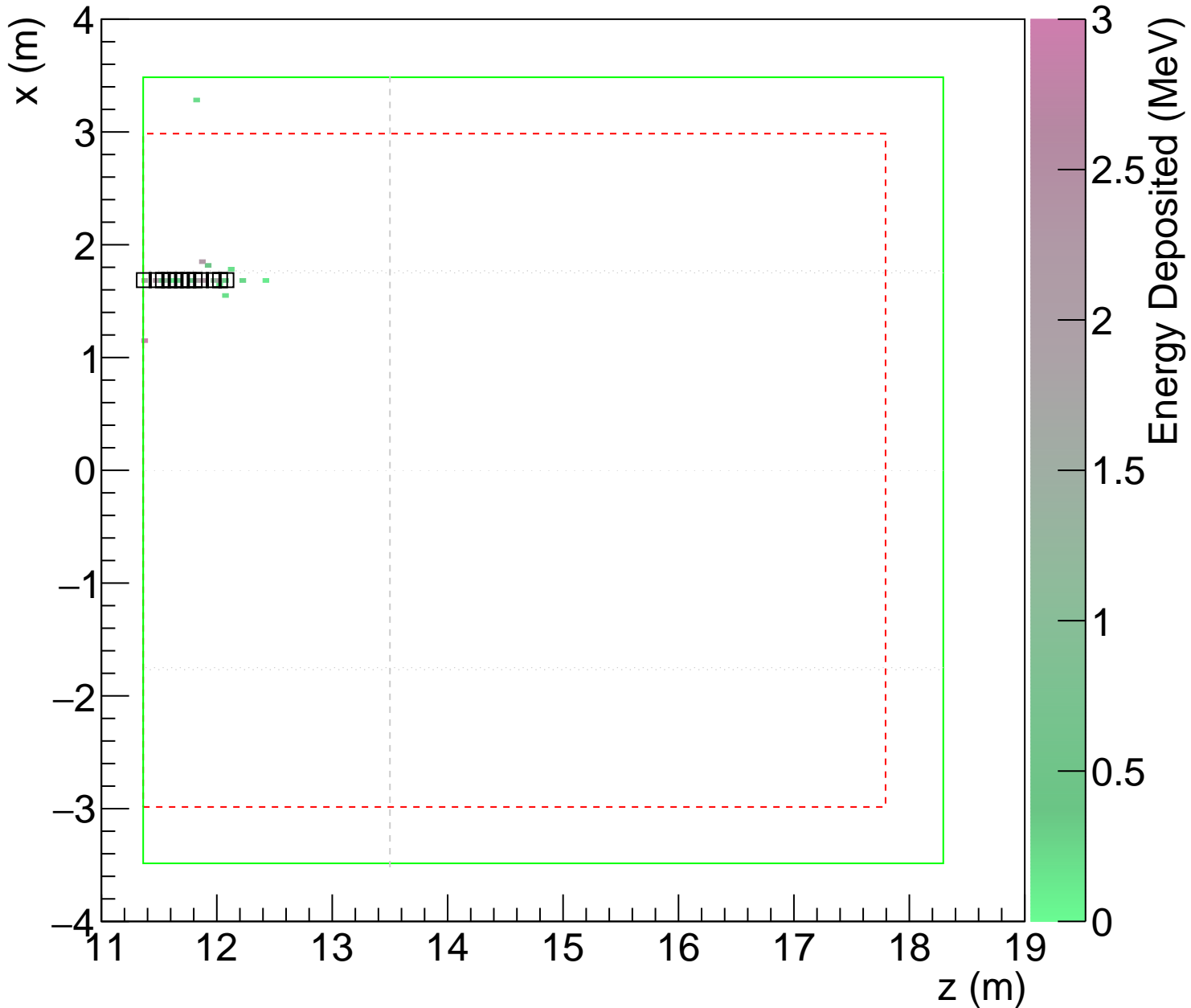


Event 338, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.93$  GeV,  $E_{\mu}^{\text{true}}=1.72$  GeV  
nu:14,tgt:1000180400,N:2112,q:2( $\nu$ ),proc:Weak[NC],DIS,

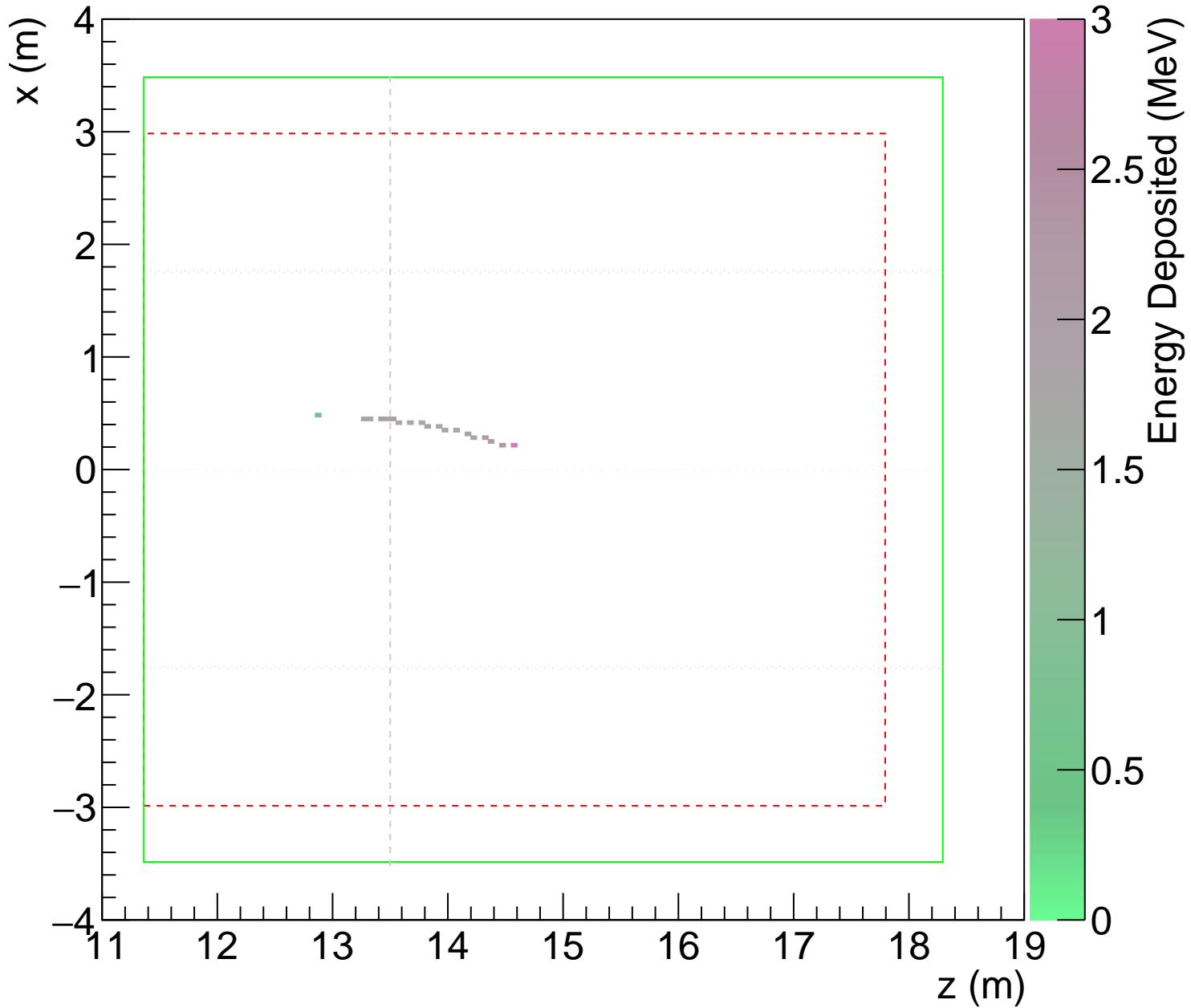


# Event 338 reconstructed

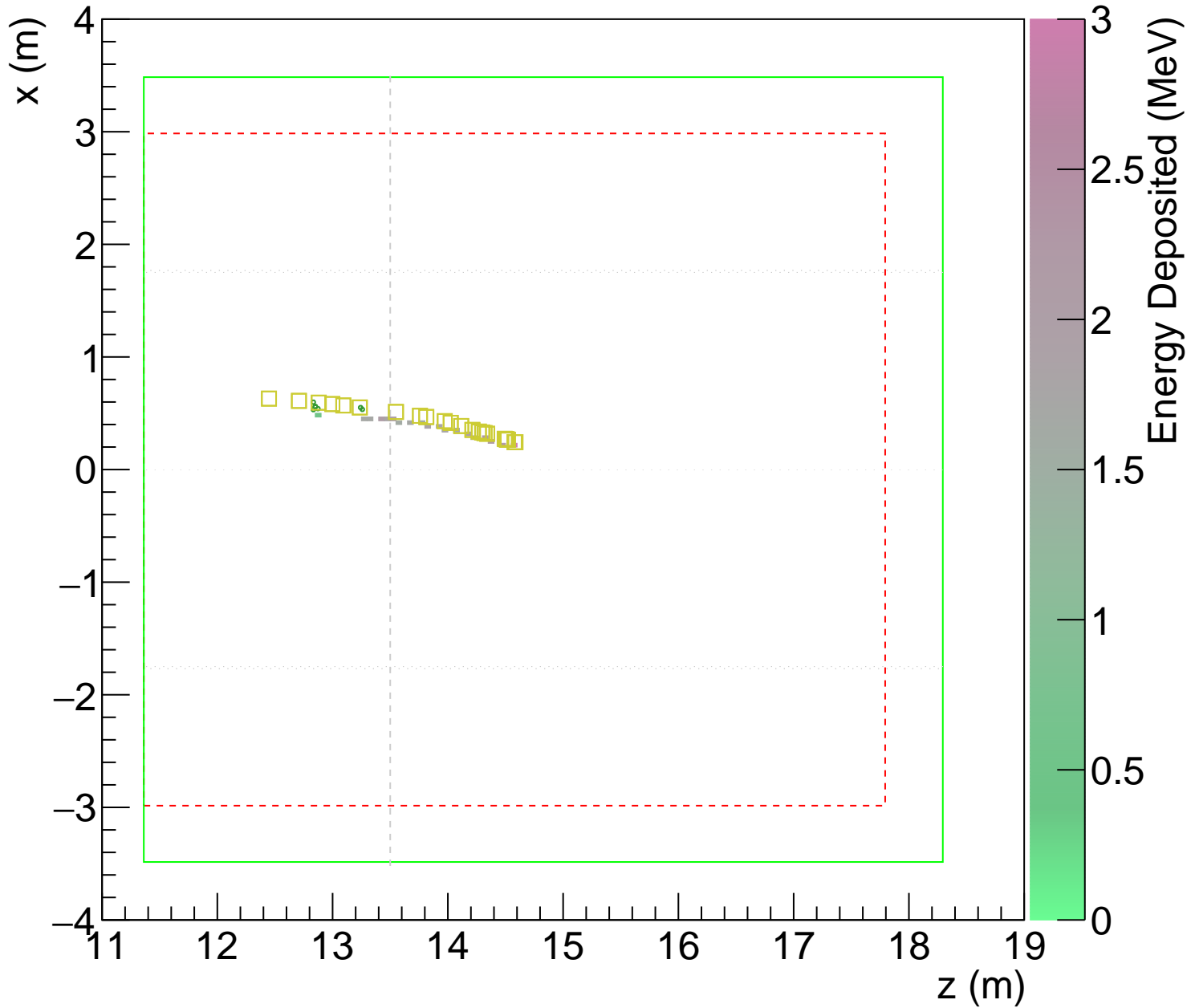
nLines: 1, nClusters: 0



Event 339, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.23$  GeV,  $E_{\mu}^{\text{true}}=2.05$  GeV  
nu:14,tgt:1000260560,N:2000000200,proc:Weak[CC],MEC,

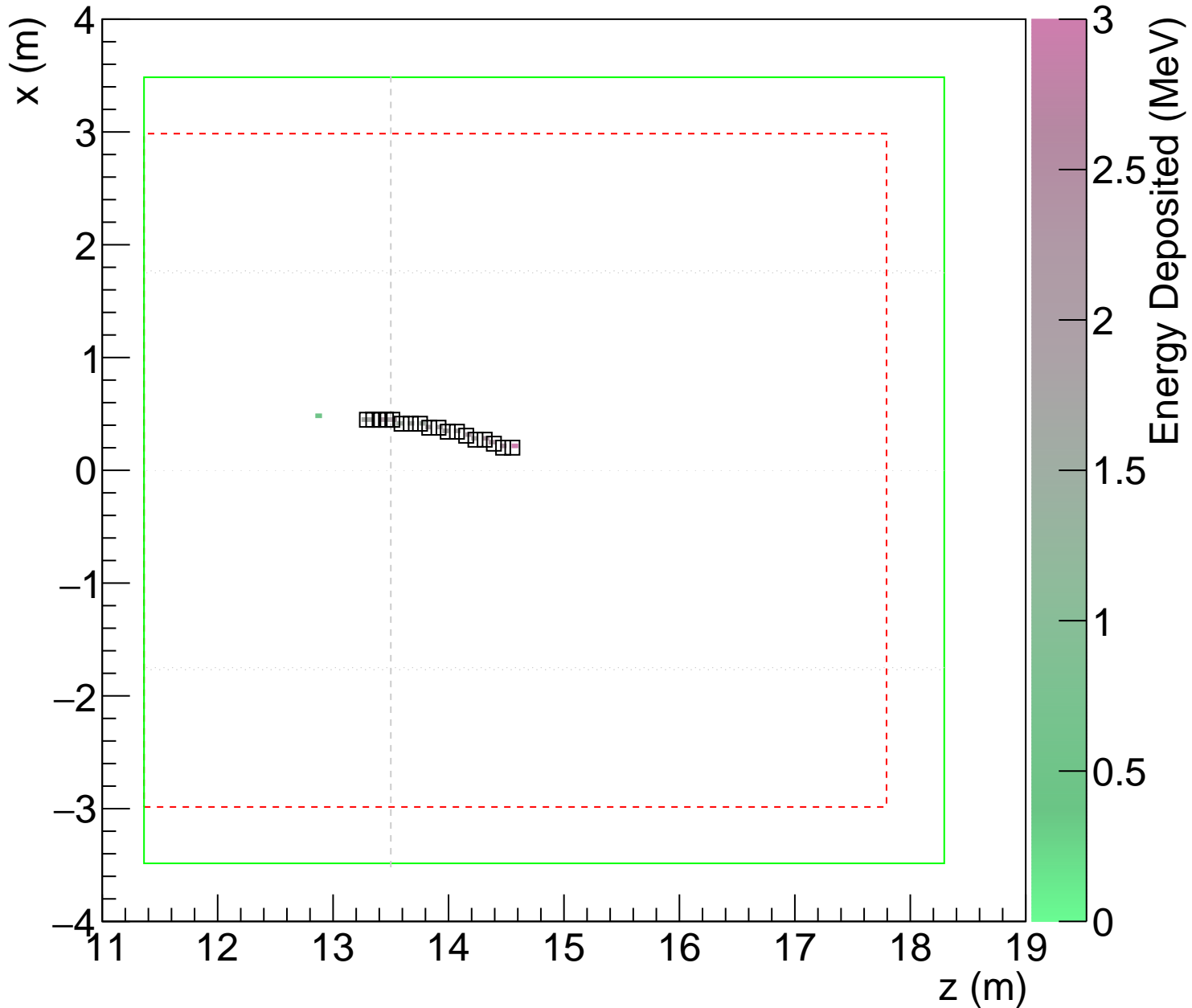


Event 339, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.23$  GeV,  $E_{\mu}^{\text{true}}=2.05$  GeV  
nu:14,tgt:1000260560,N:2000000200,proc:Weak[CC],MEC,



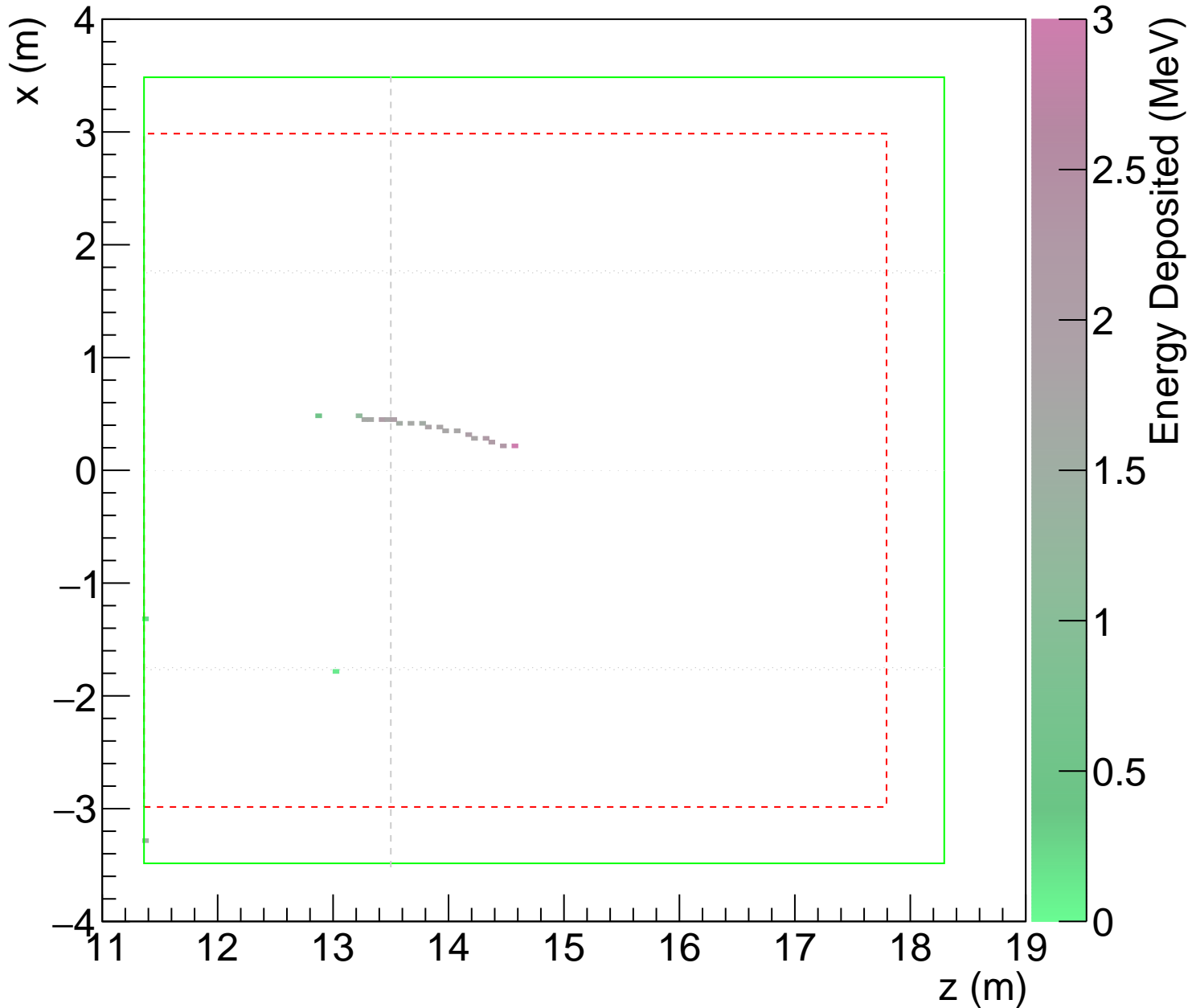
# Event 339 reconstructed

nLines: 1, nClusters: 0

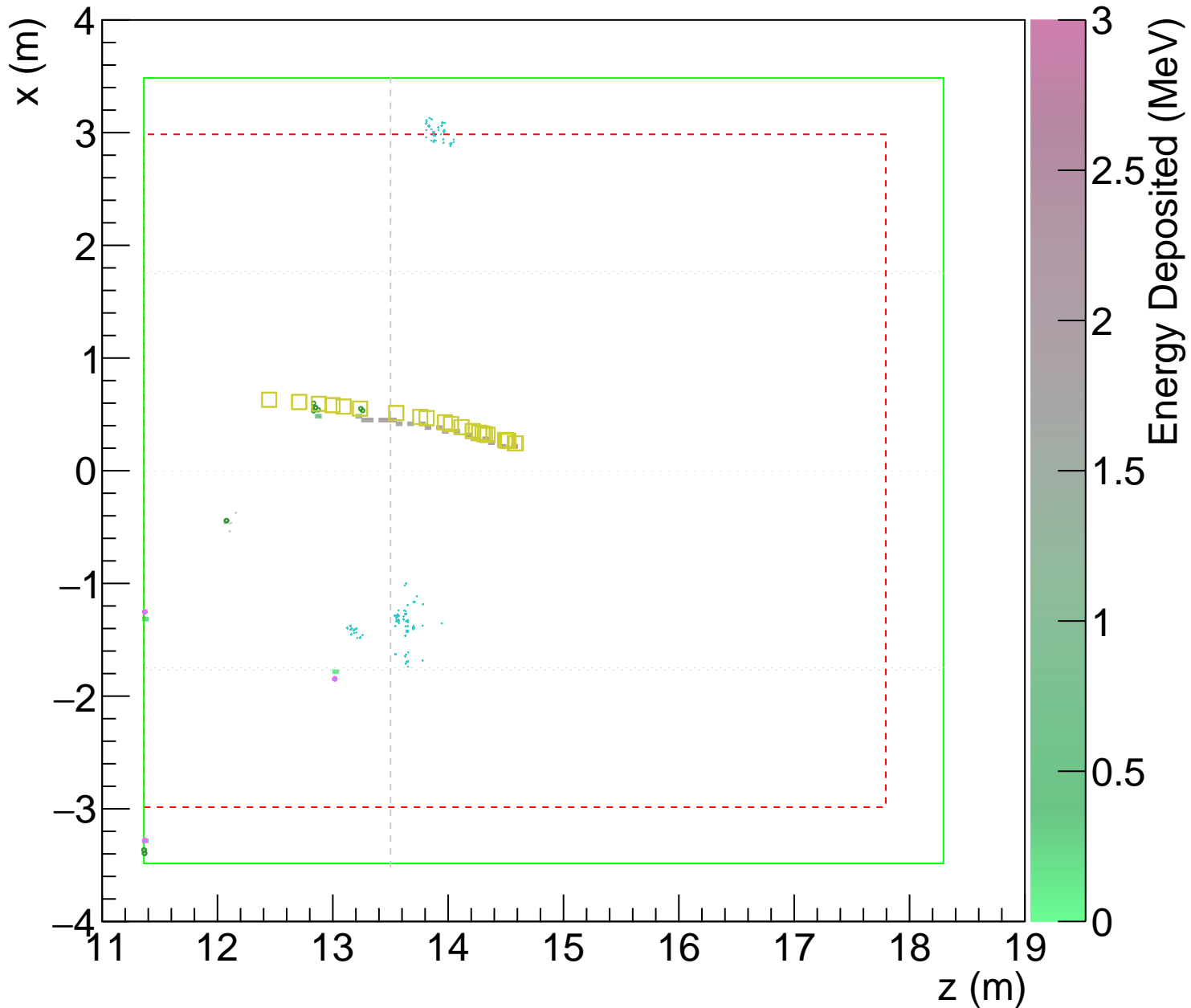




Event 340, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.70$  GeV,  $E_{\mu}^{\text{true}}=2.05$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

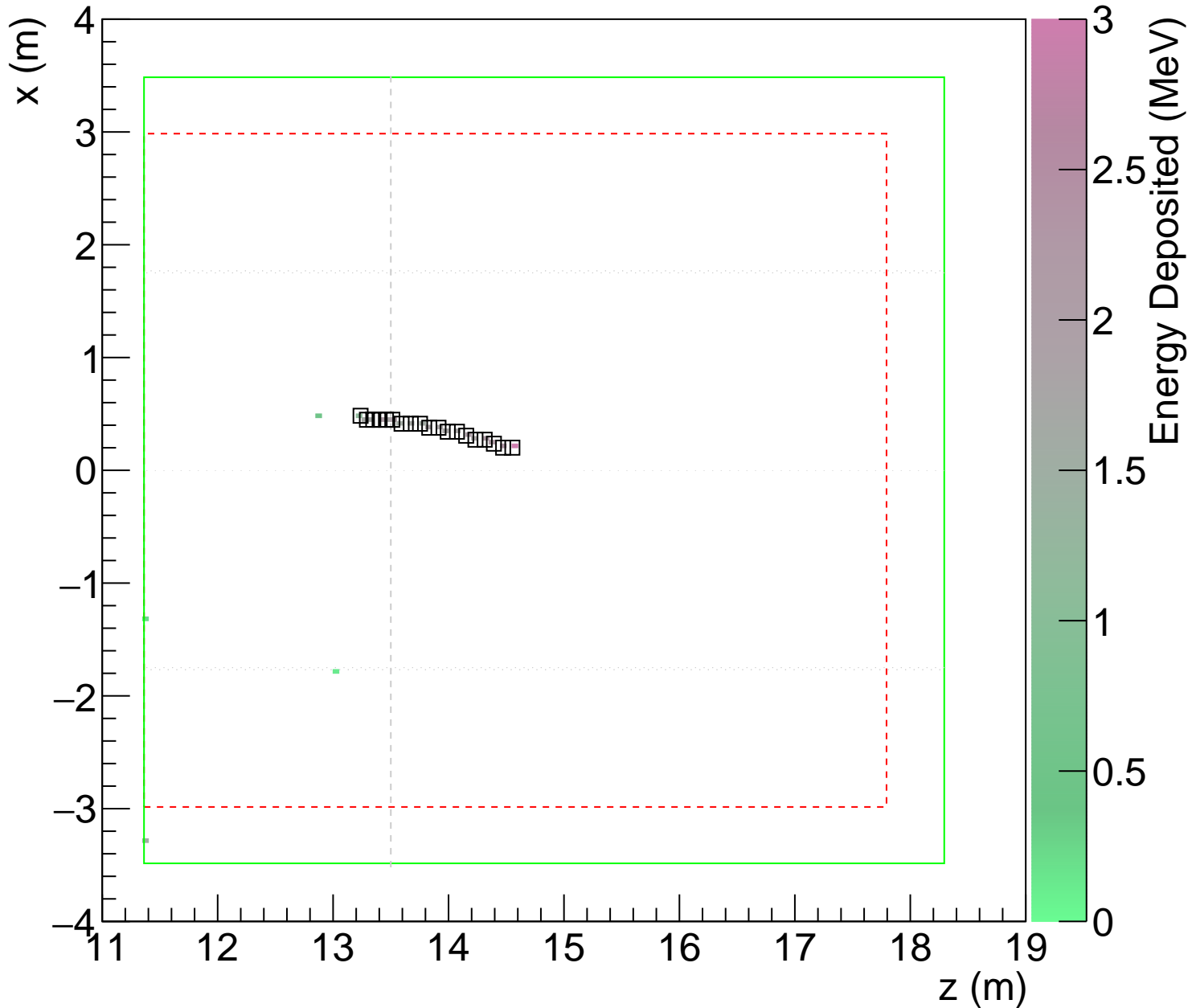


Event 340, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.70$  GeV,  $E_{\mu}^{\text{true}}=2.05$  GeV  
nu:14,tgt:1000260560,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

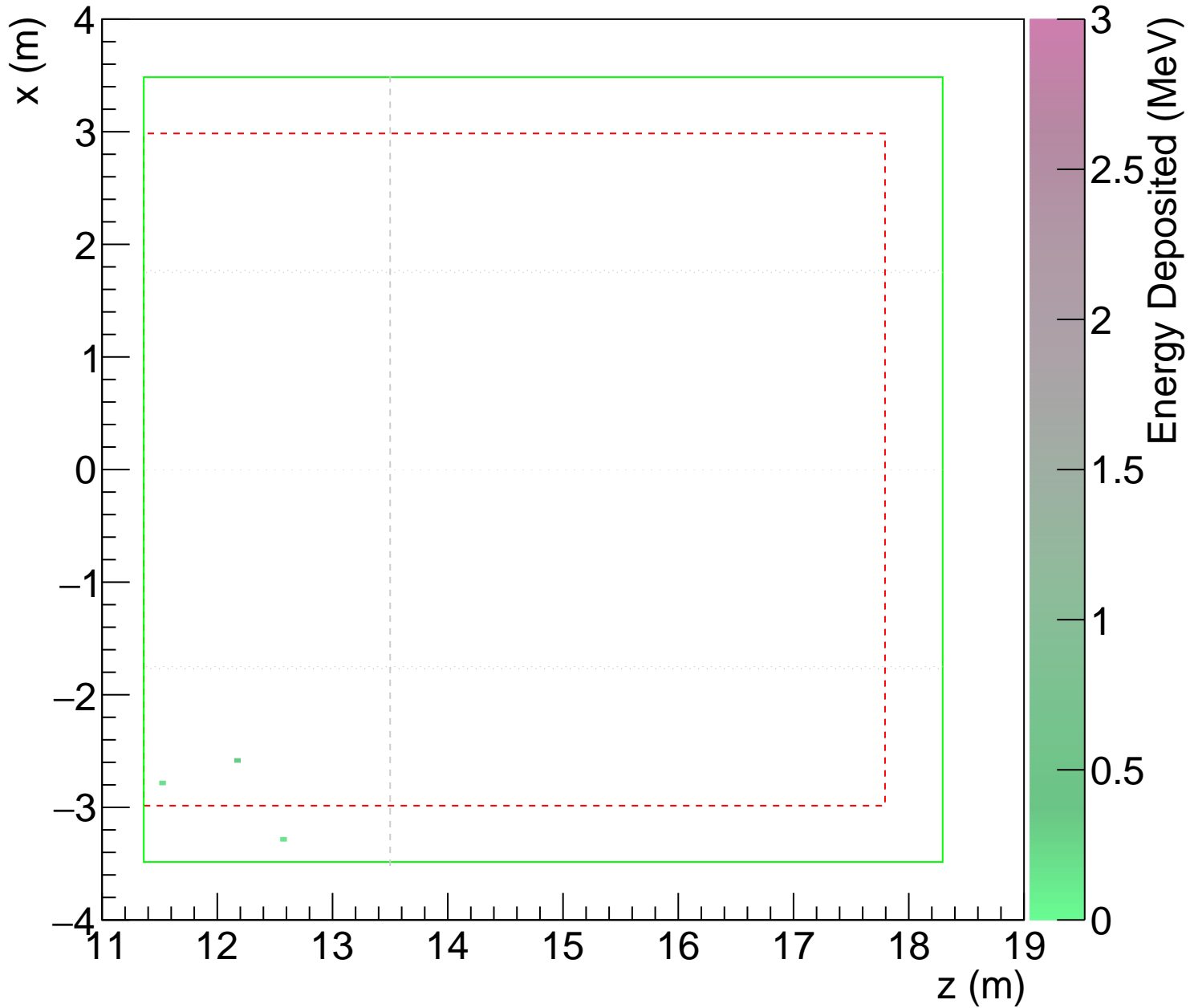


# Event 340 reconstructed

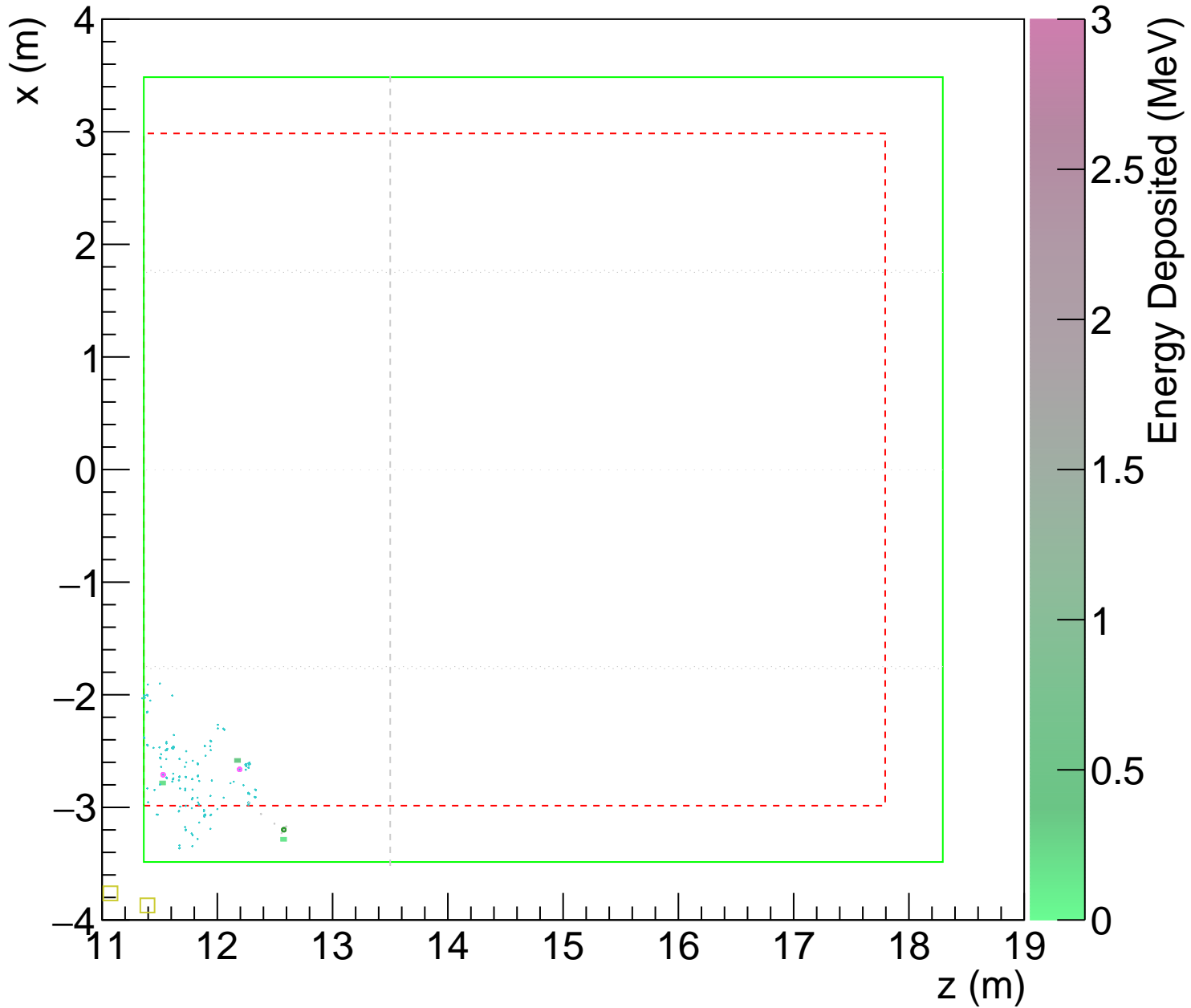
nLines: 1, nClusters: 0



Event 344, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.09$  GeV,  $E_{\mu}^{\text{true}}=1.08$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

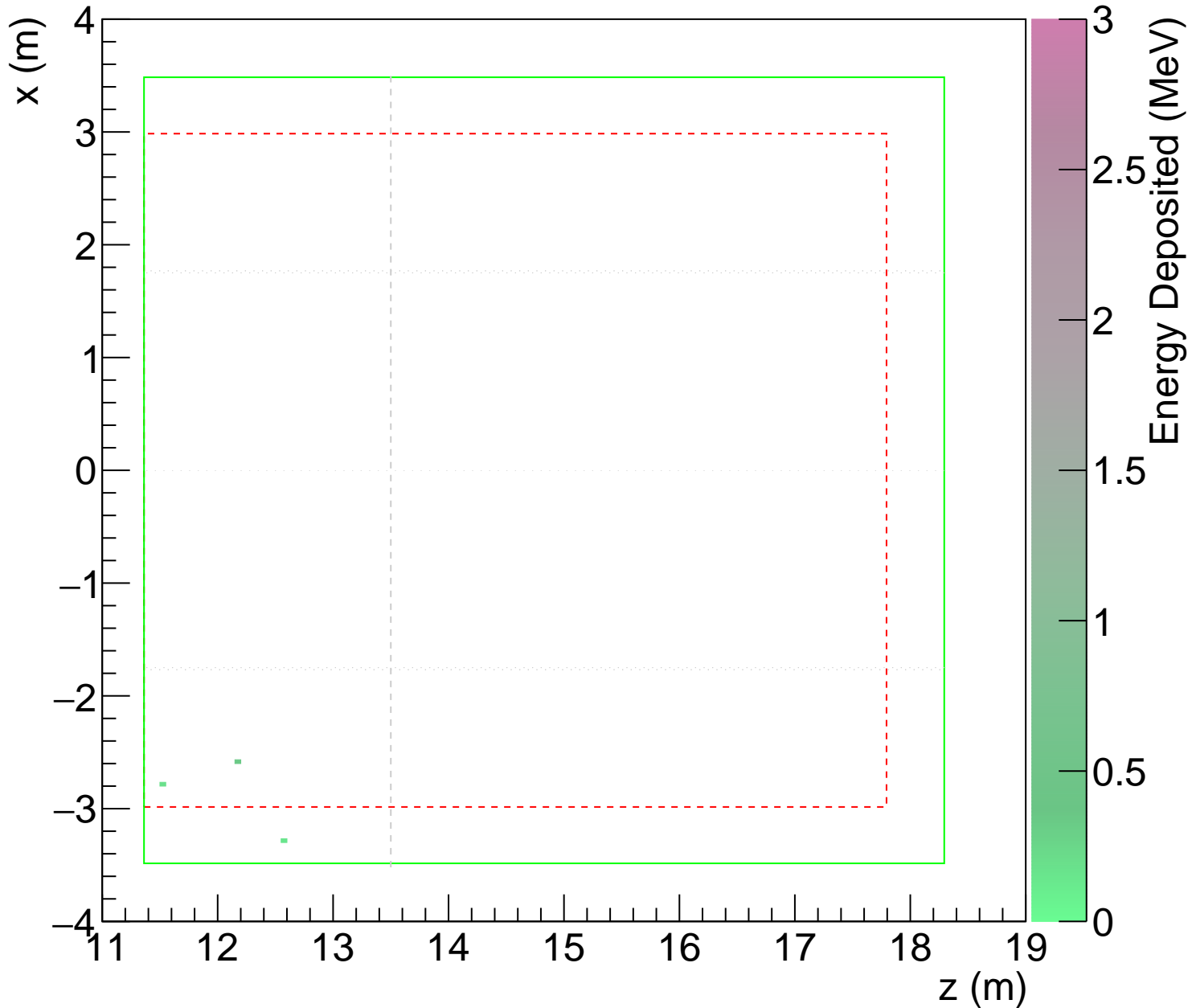


Event 344, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.09$  GeV,  $E_{\mu}^{\text{true}}=1.08$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

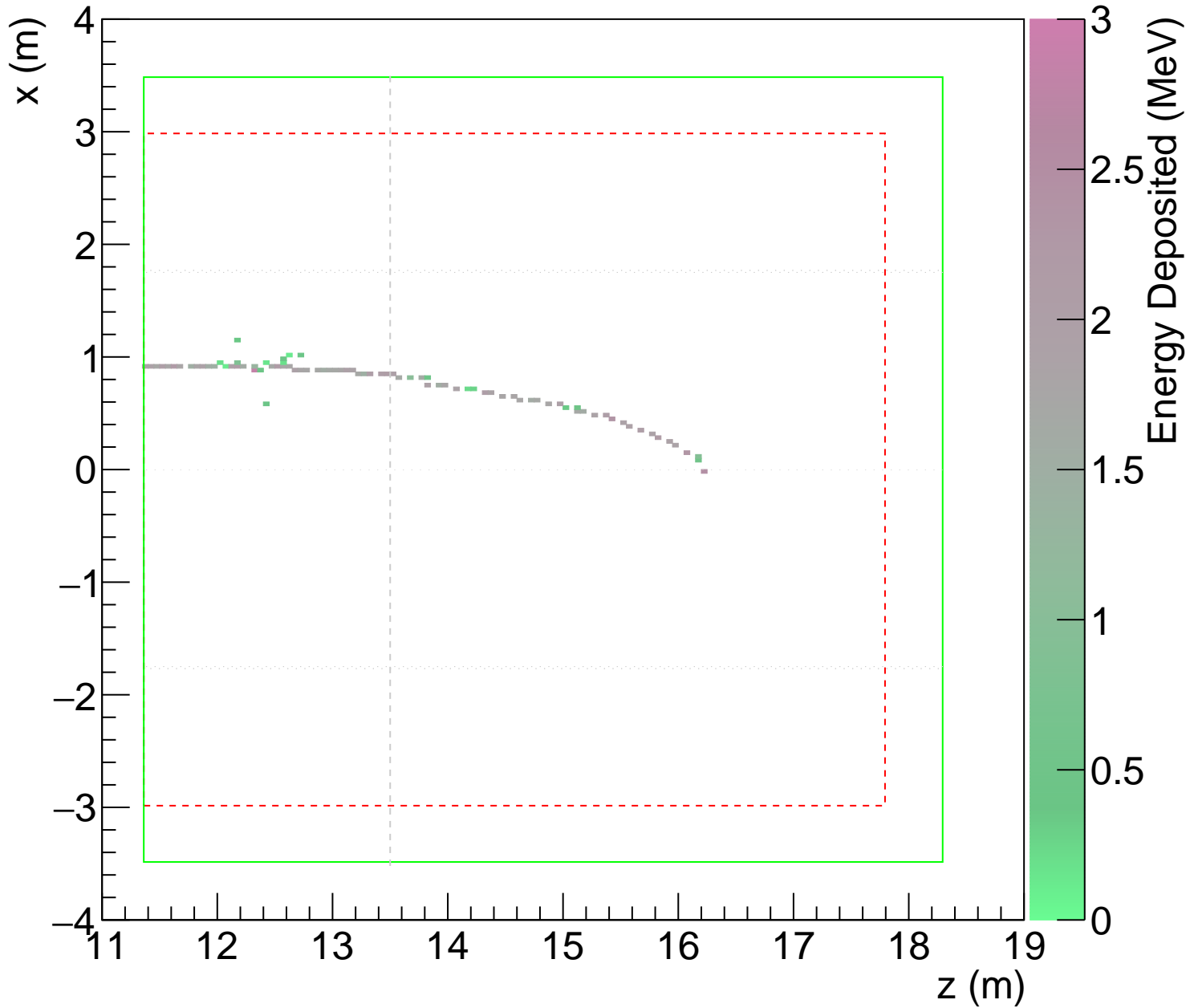


# Event 344 reconstructed

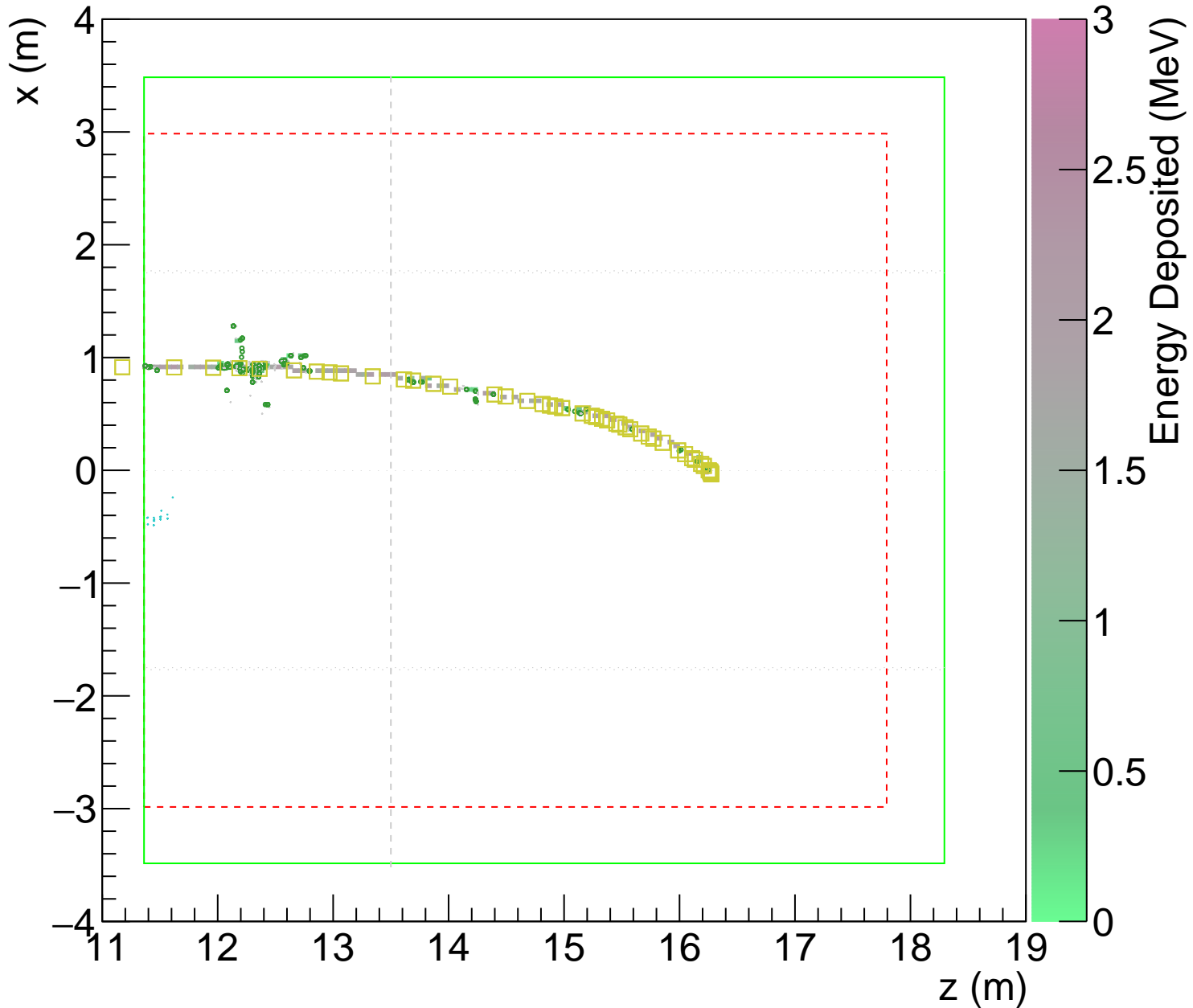
nLines: 0, nClusters: 0



Event 345, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.58$  GeV,  $E_{\mu}^{\text{true}}=3.52$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,



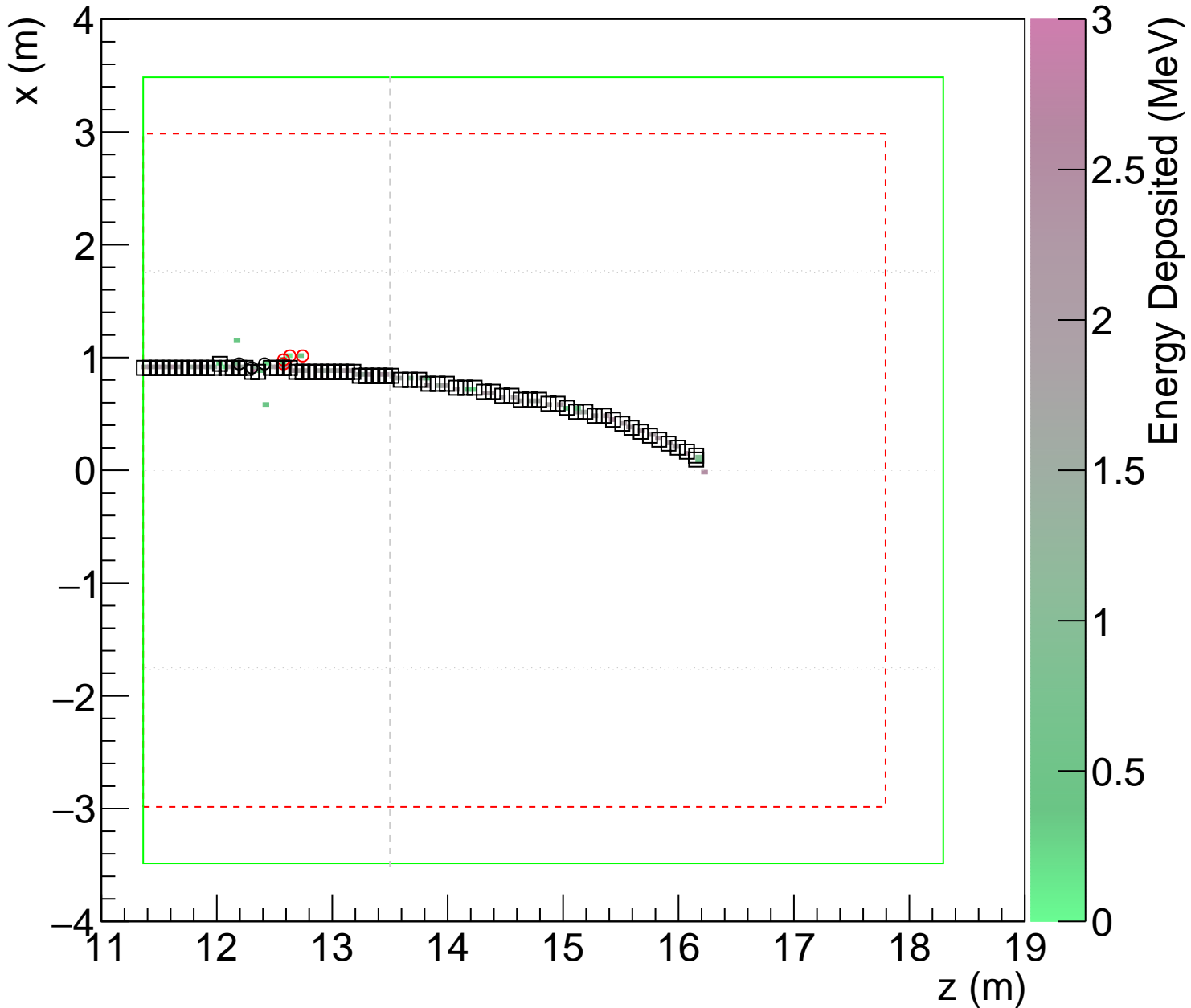
Event 345, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.58$  GeV,  $E_{\mu}^{\text{true}}=3.52$  GeV  
nu:14,tgt:1000180400,N:2000000201,proc:Weak[CC],MEC,



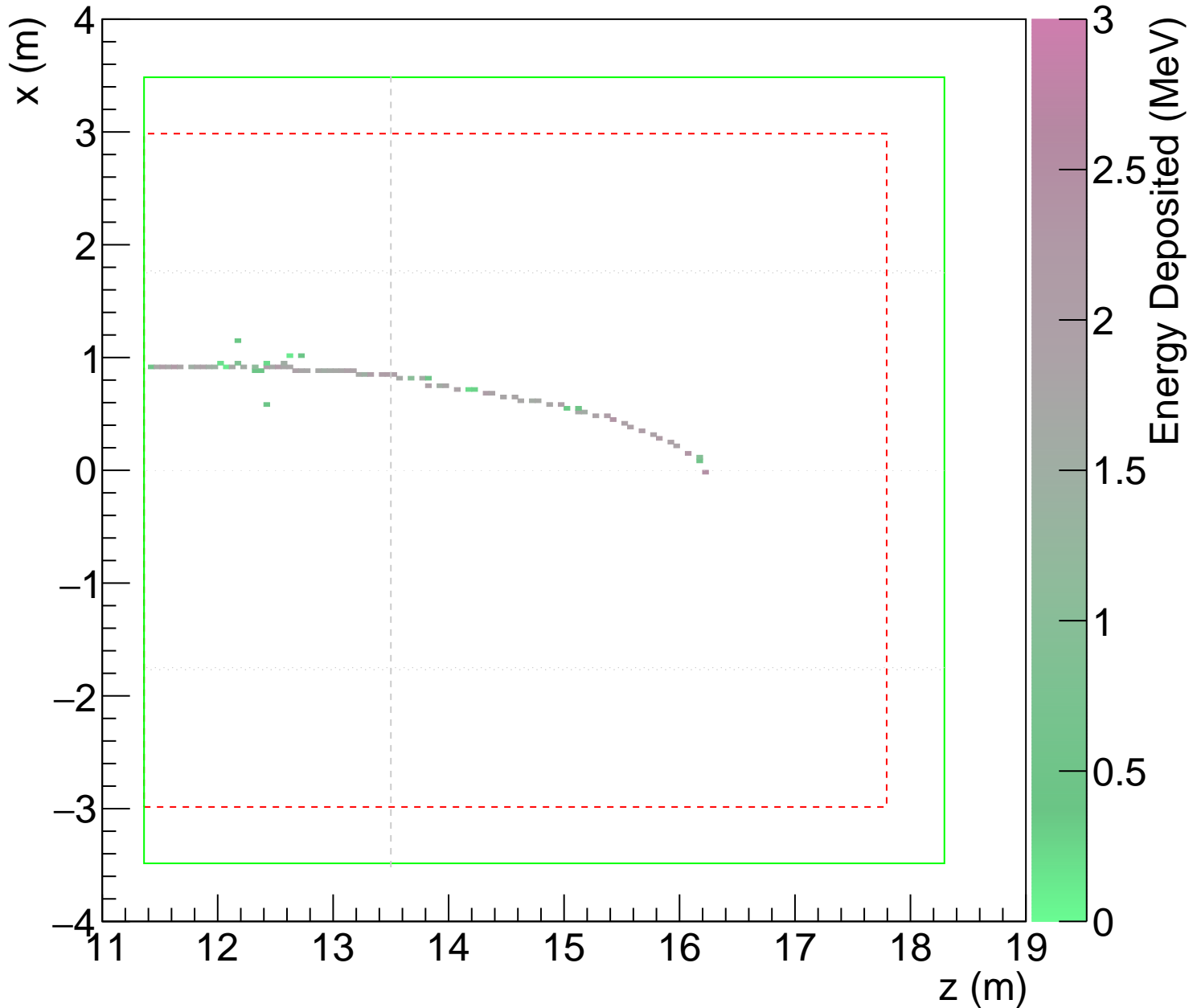


# Event 345 reconstructed

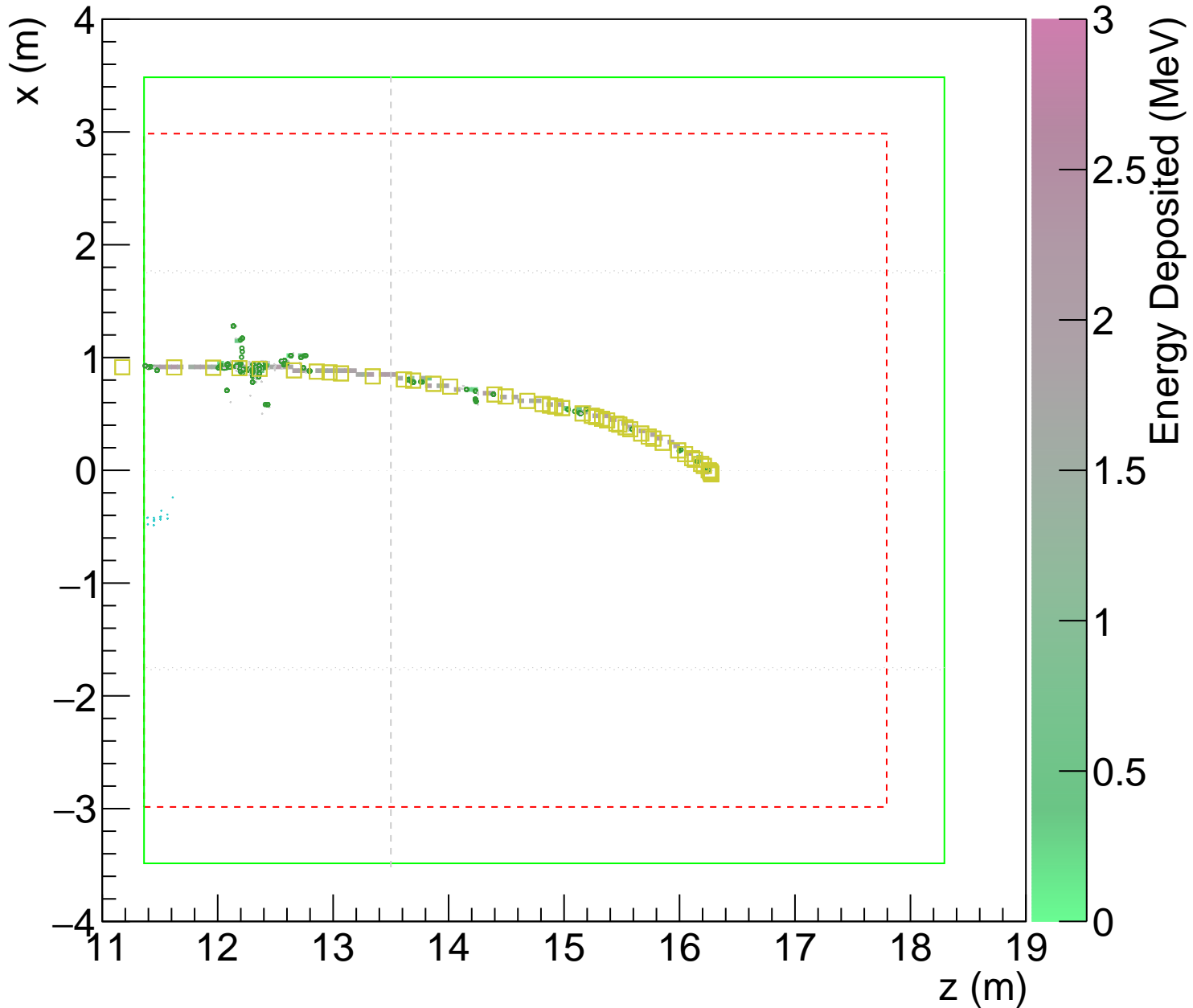
nLines: 1, nClusters: 2



Event 346, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.99$  GeV,  $E_{\mu}^{\text{true}}=3.52$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

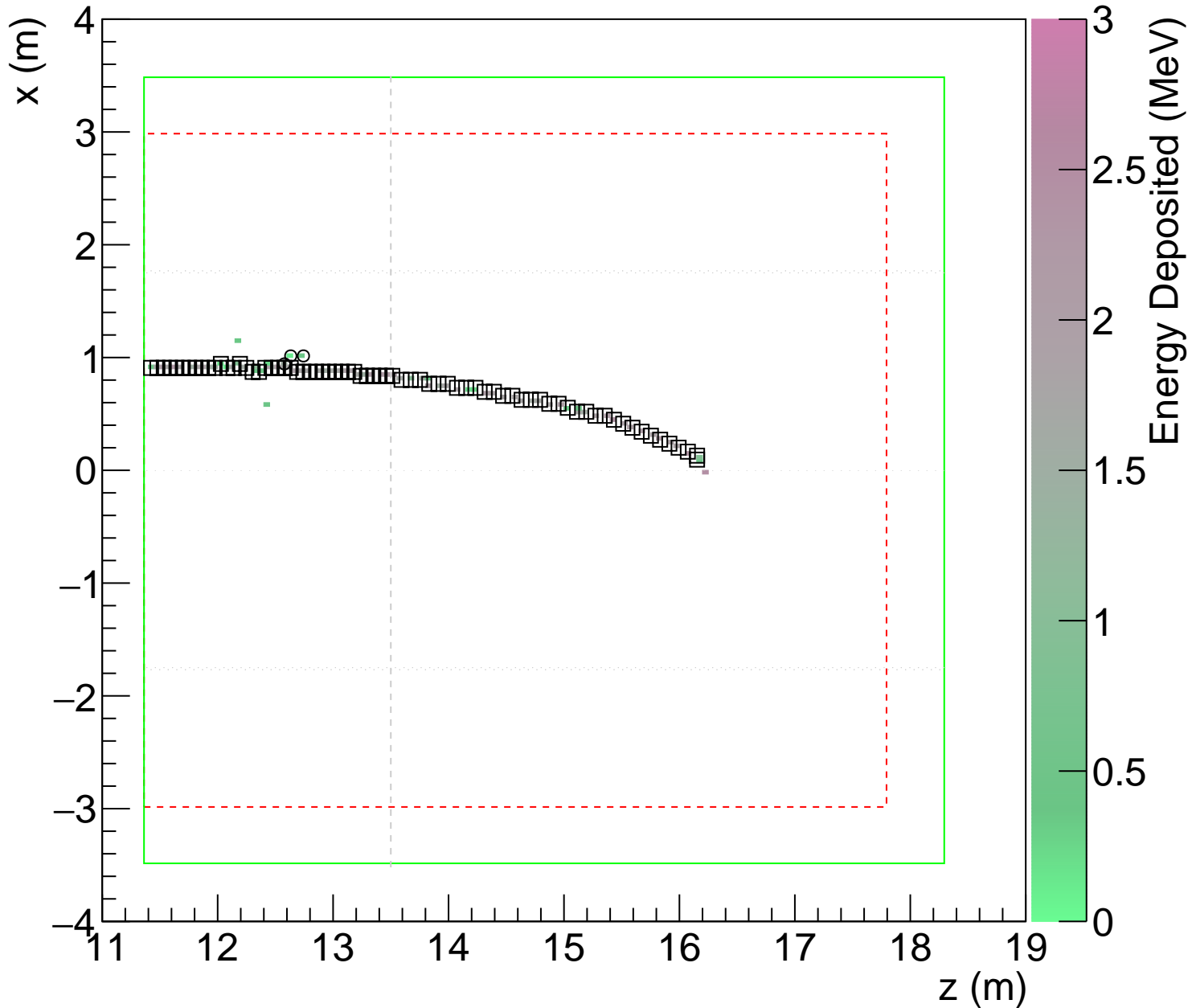


Event 346, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.99$  GeV,  $E_{\mu}^{\text{true}}=3.52$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

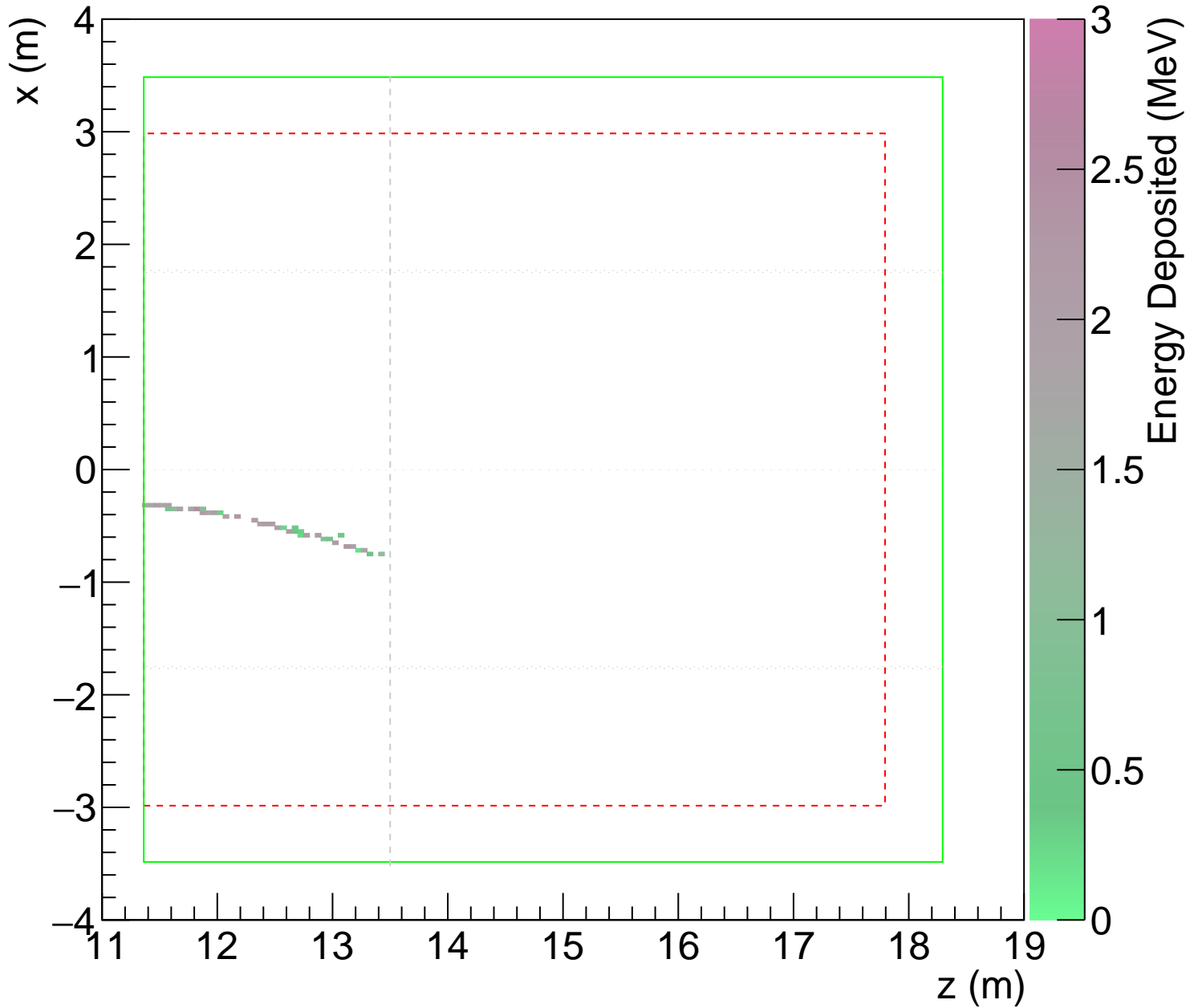


# Event 346 reconstructed

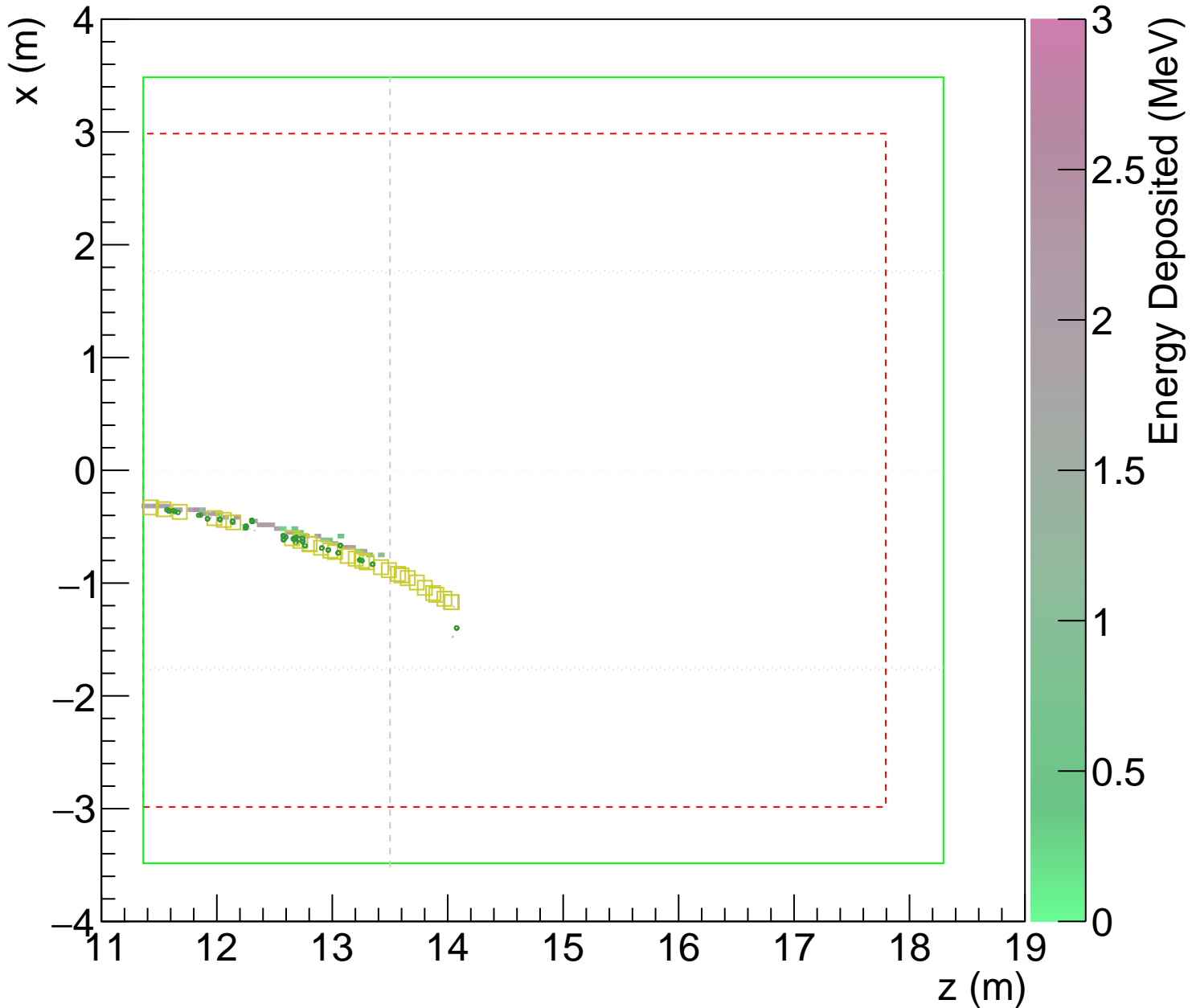
nLines: 1, nClusters: 1



Event 348, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.99$  GeV,  $E_{\mu}^{\text{true}}=2.46$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

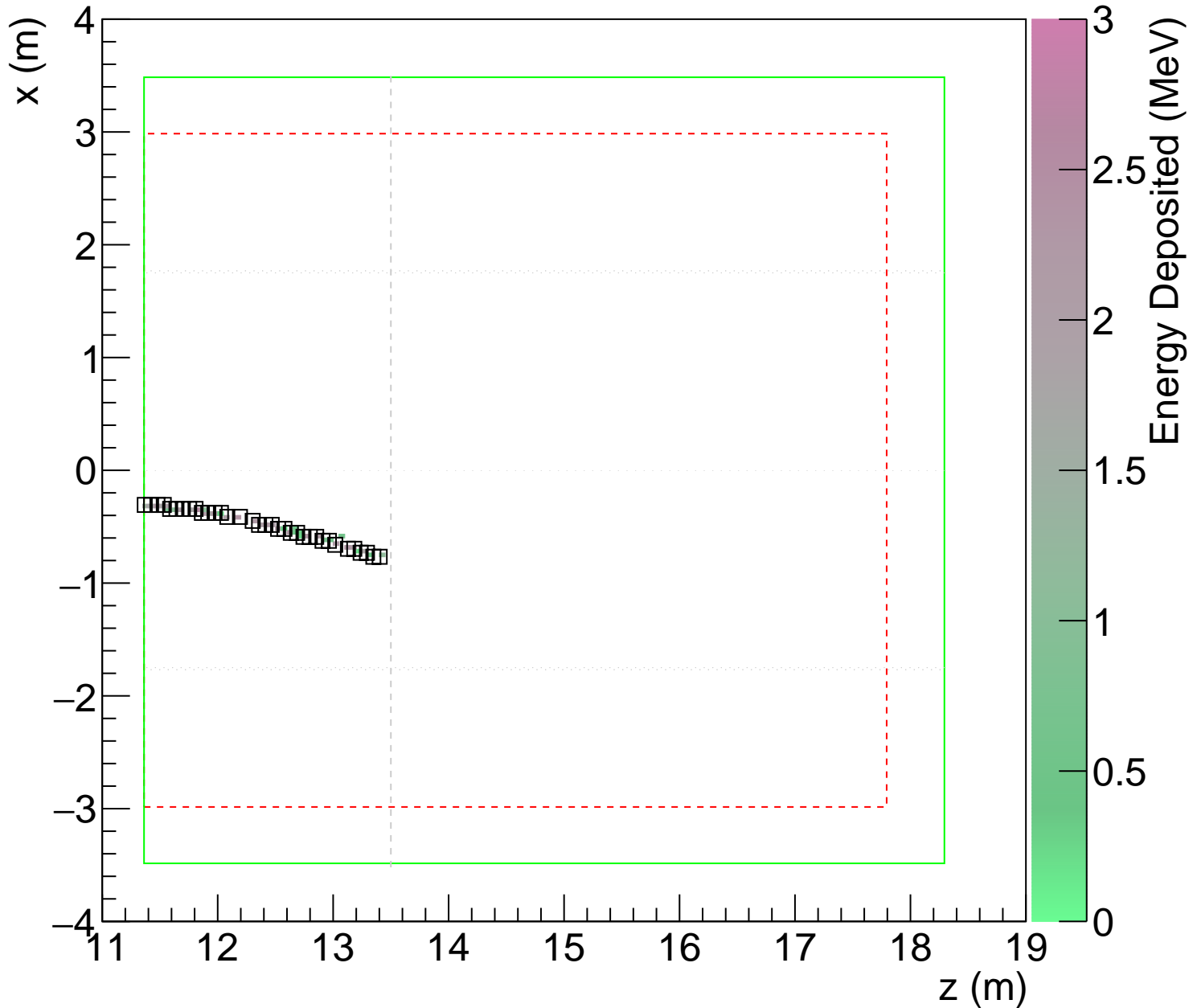


Event 348, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.99$  GeV,  $E_{\mu}^{\text{true}}=2.46$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

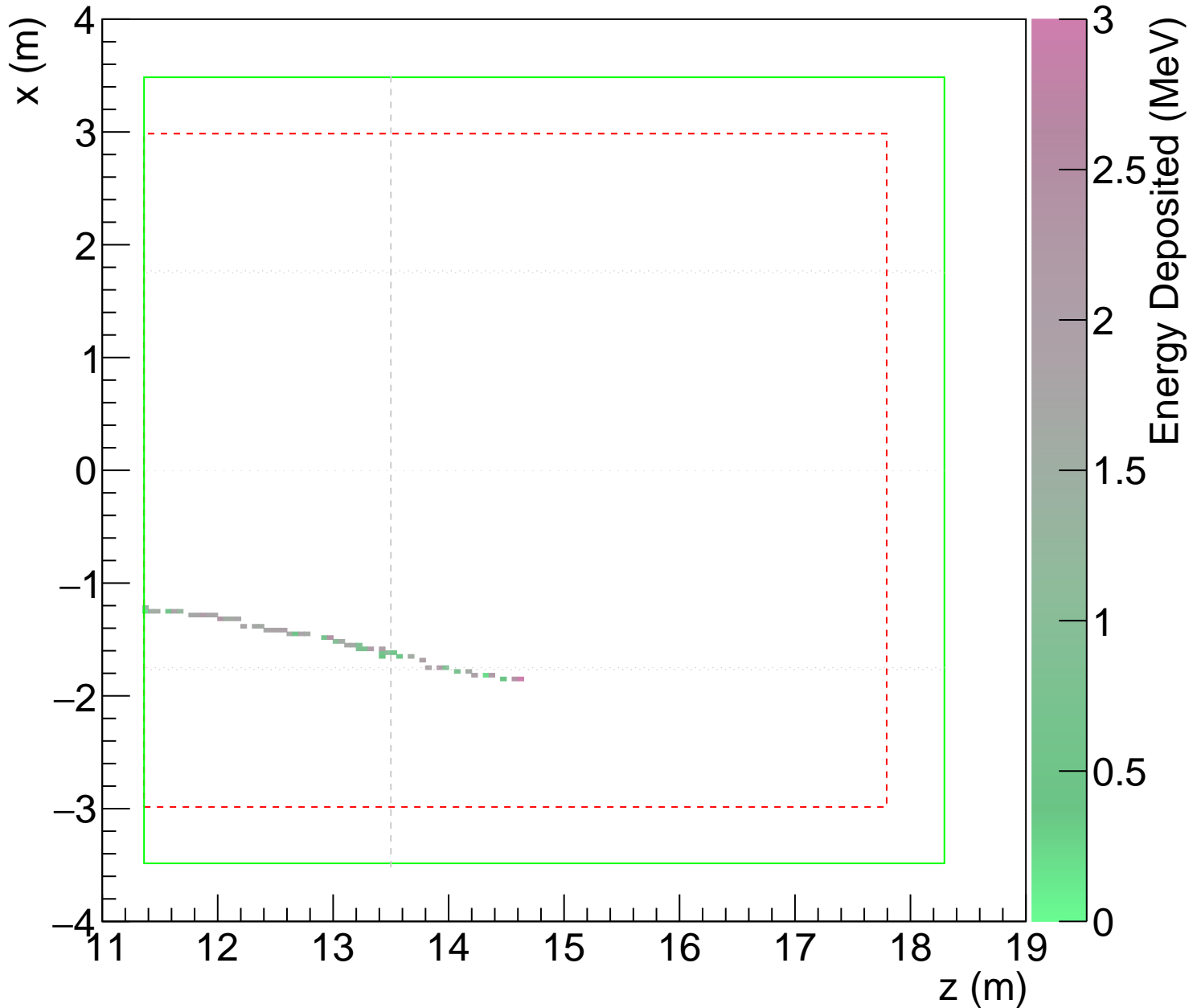


# Event 348 reconstructed

nLines: 1, nClusters: 0

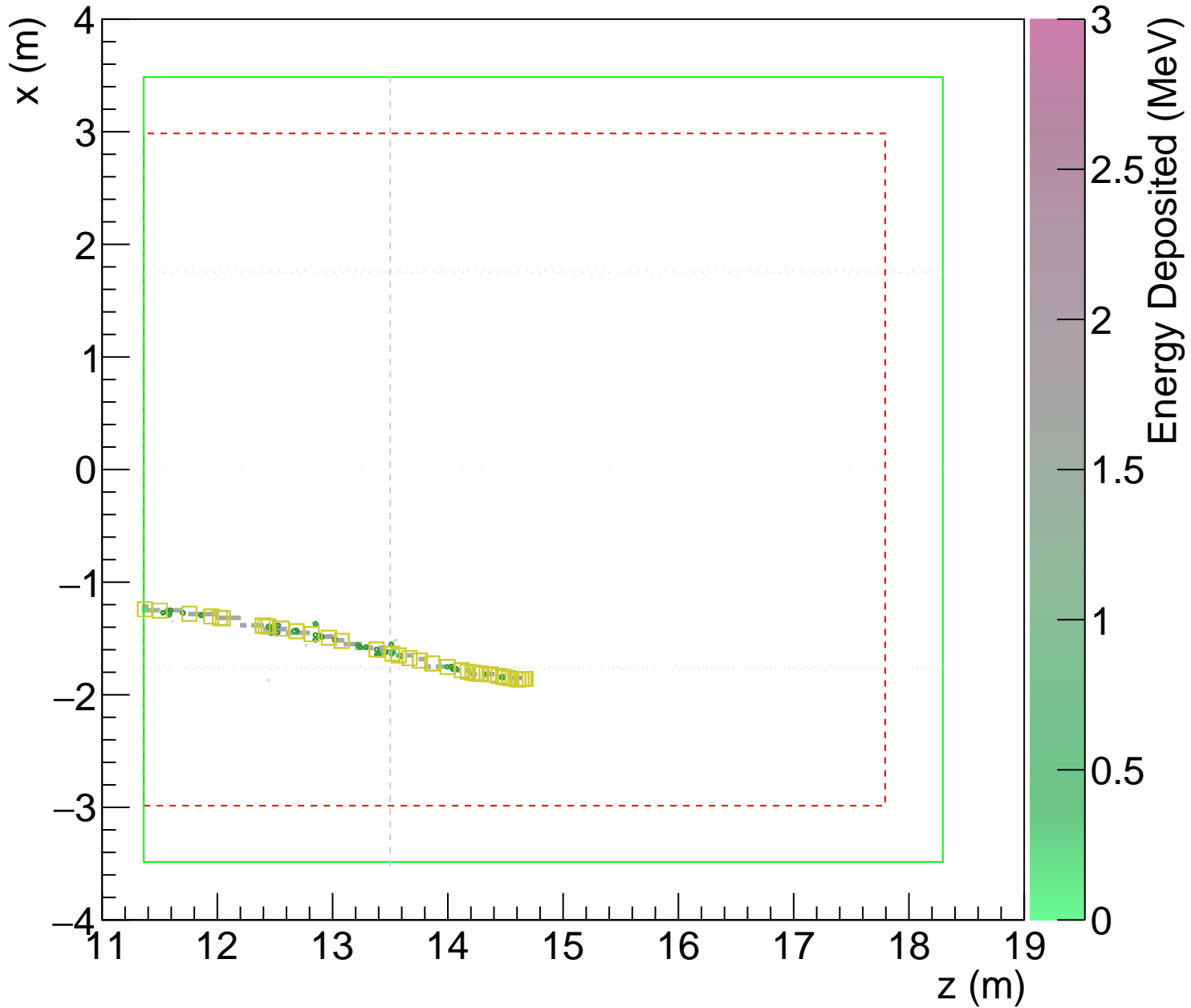


Event 349, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.78$  GeV,  $E_{\mu}^{\text{true}}=2.27$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



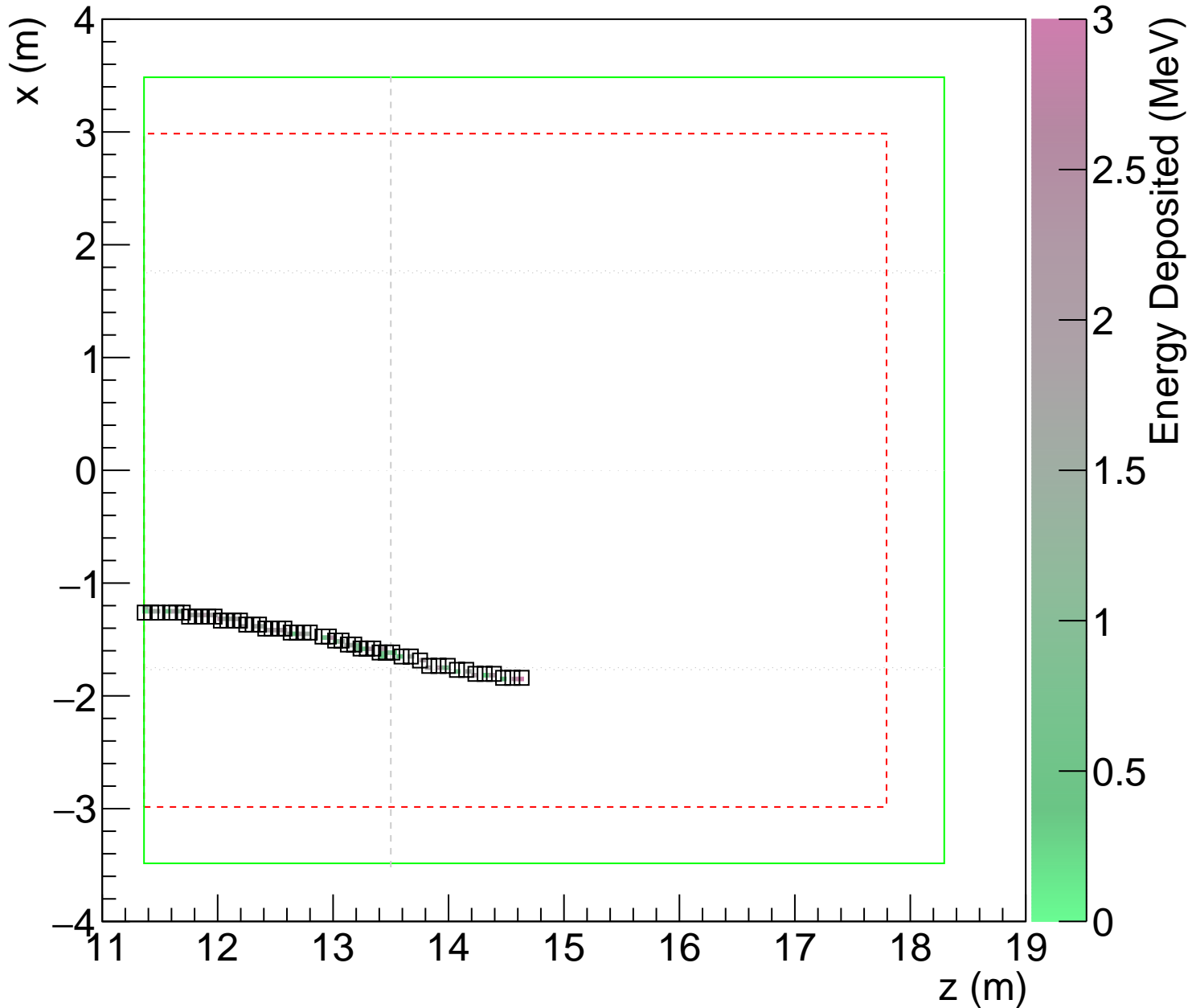


Event 349, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.78$  GeV,  $E_{\mu}^{\text{true}}=2.27$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

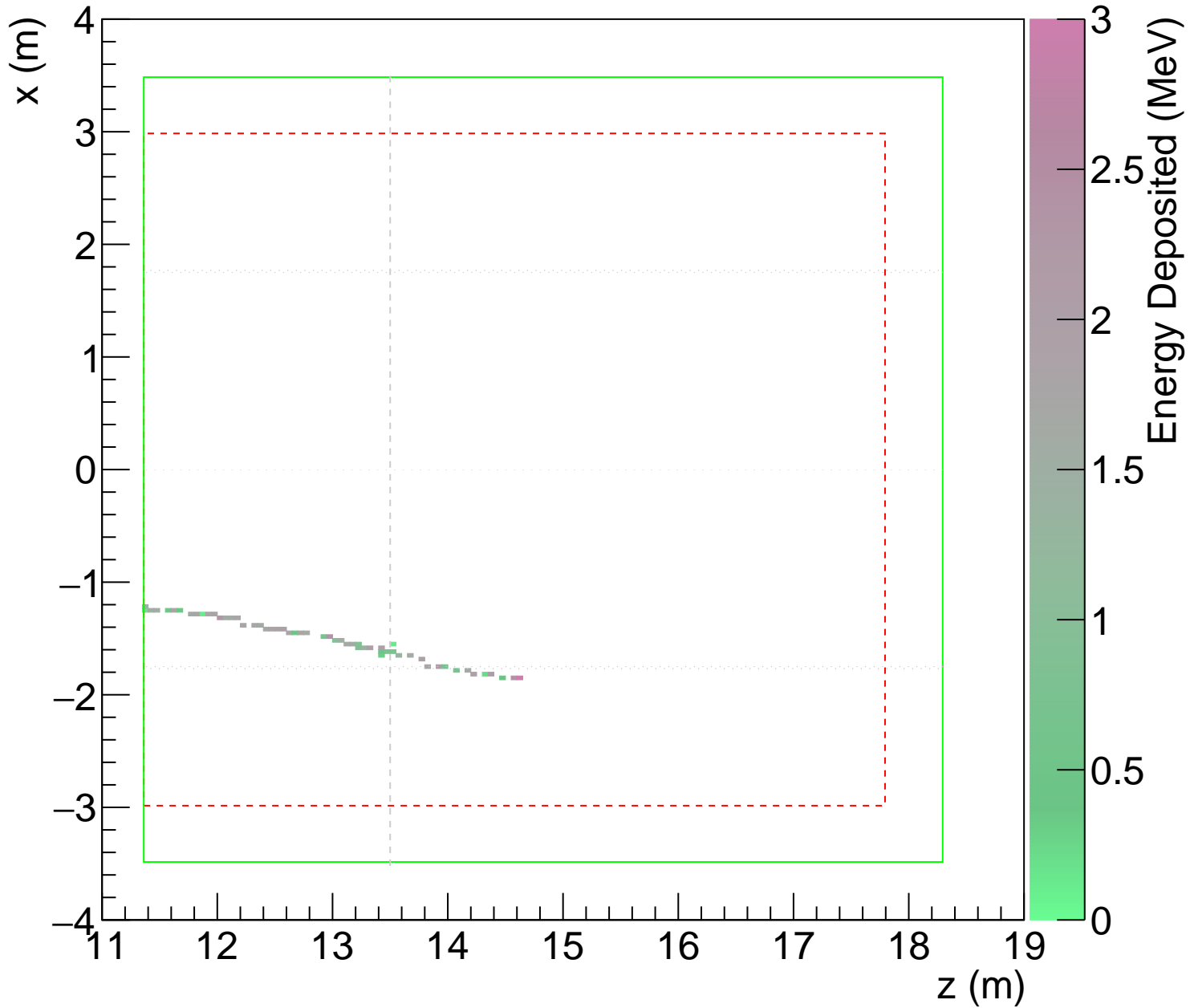


# Event 349 reconstructed

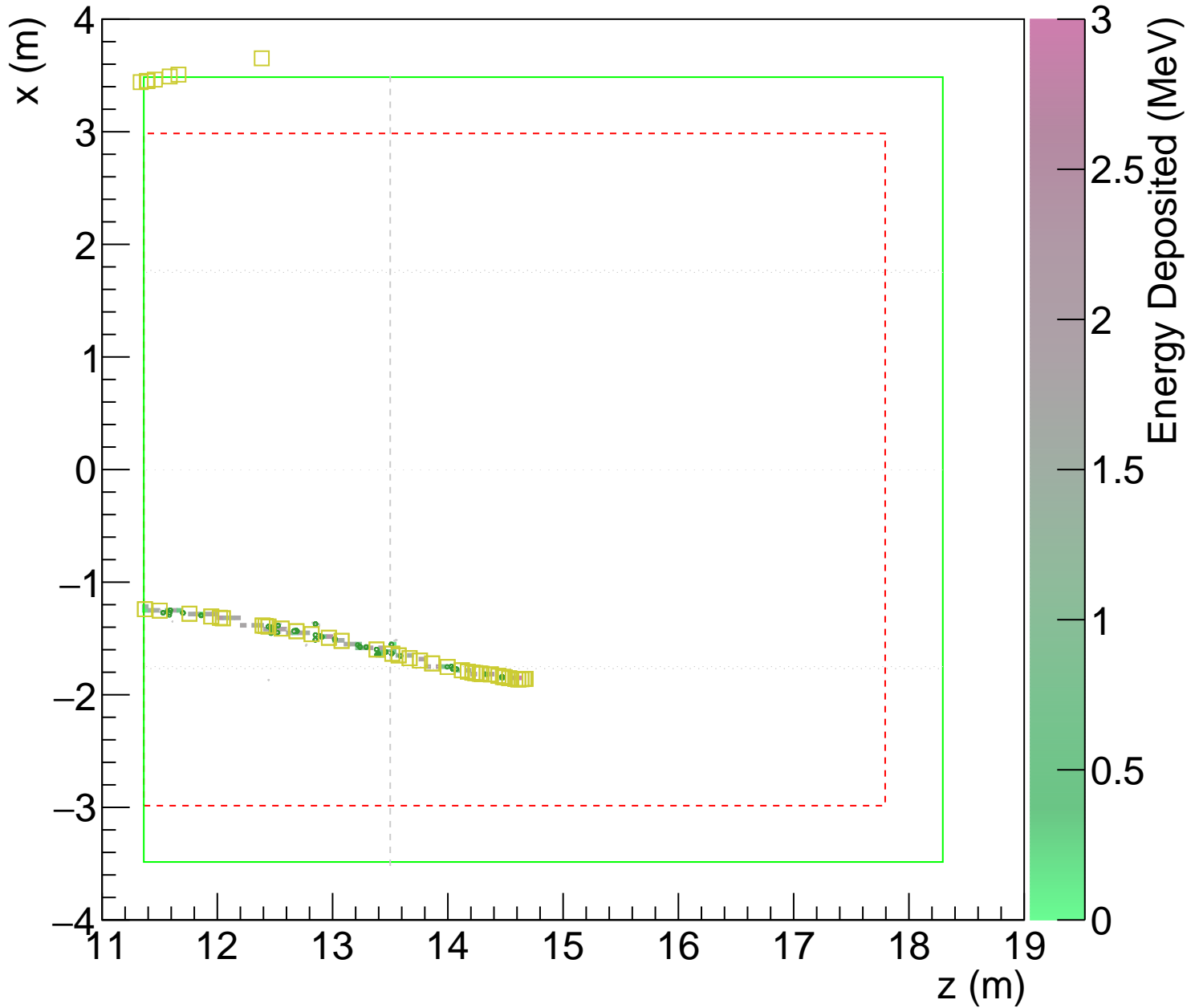
nLines: 1, nClusters: 0



Event 350, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=2.27$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

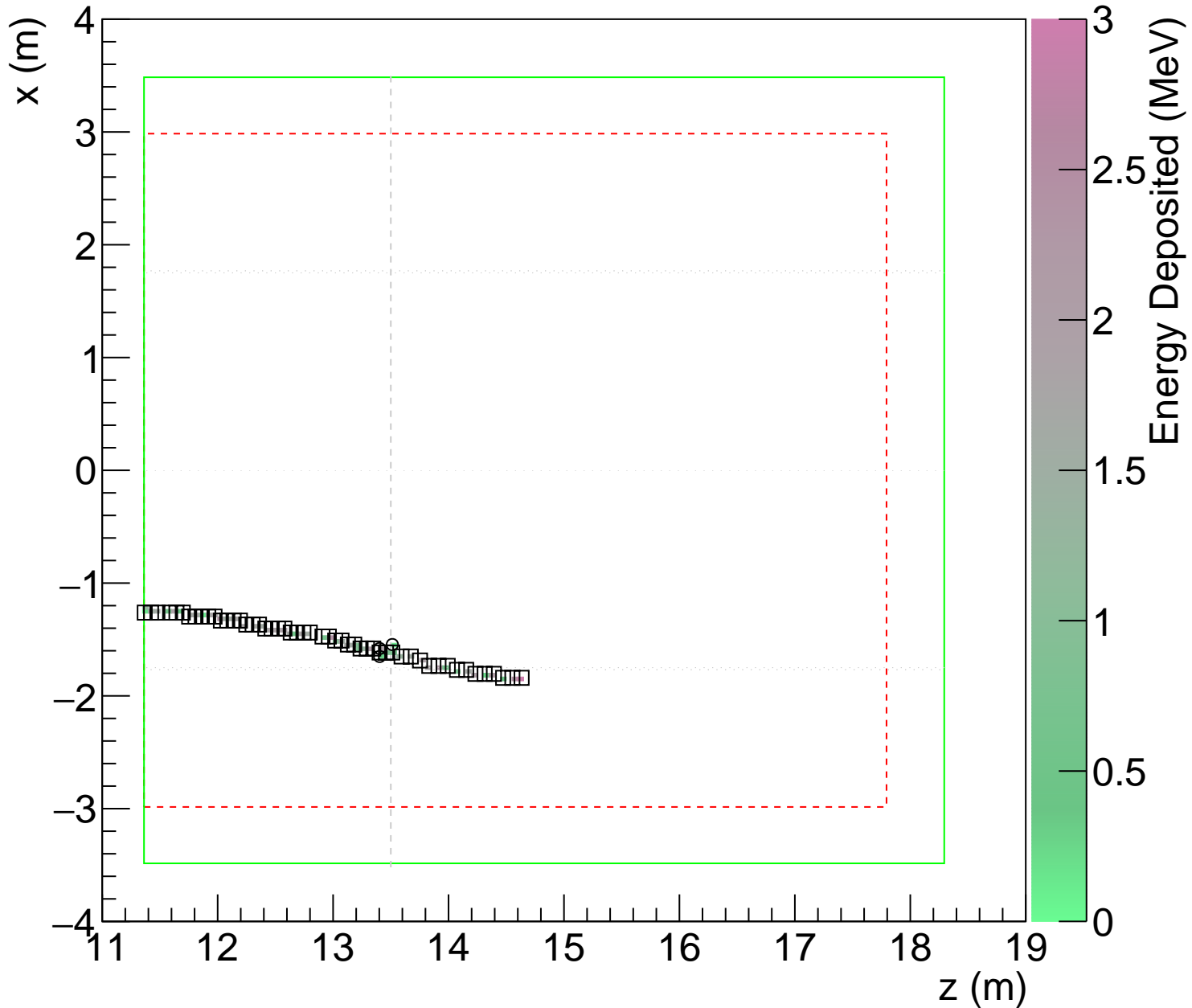


Event 350, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=2.27$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

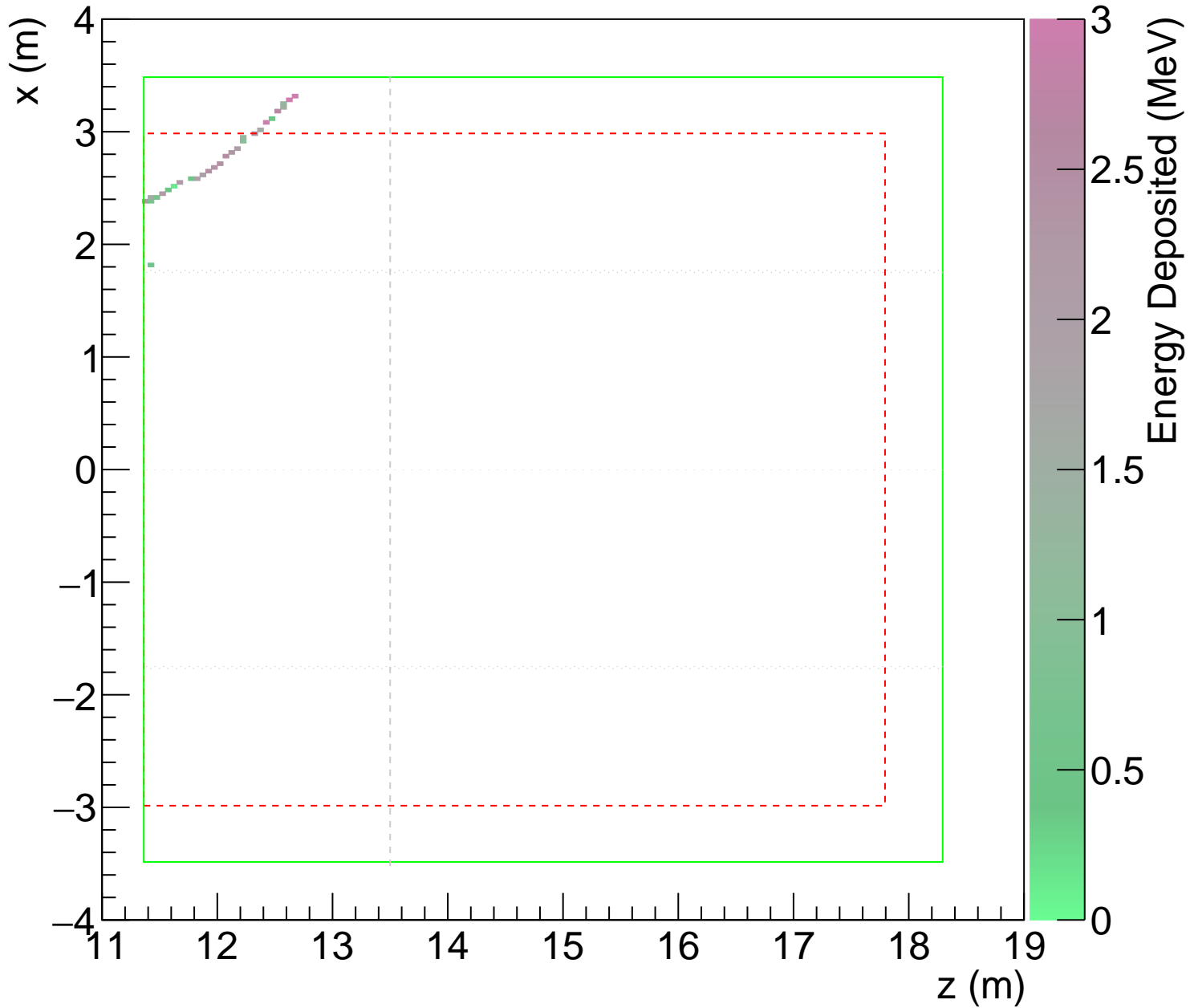


# Event 350 reconstructed

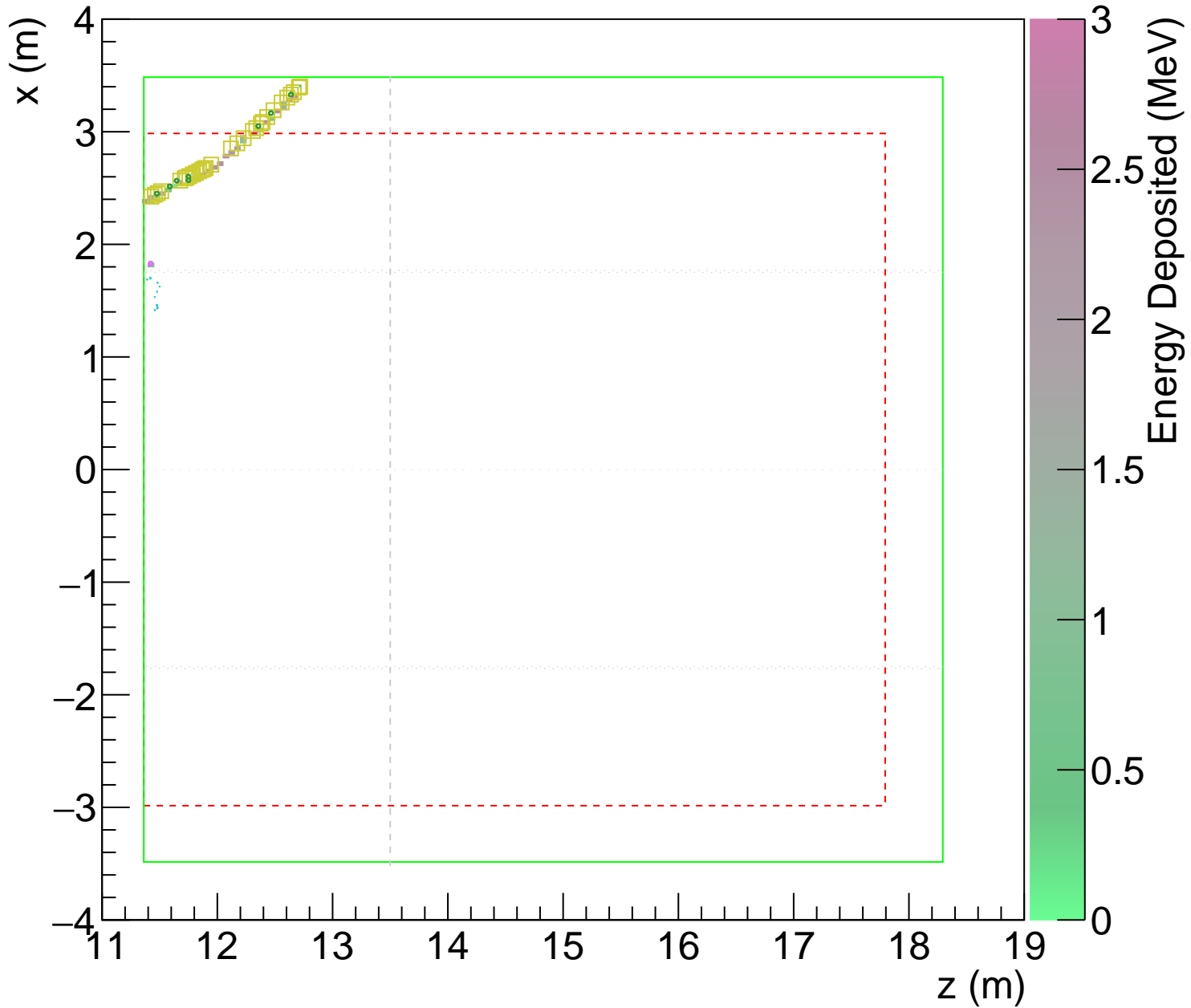
nLines: 1, nClusters: 1



Event 355, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.99$  GeV,  $E_{\mu}^{\text{true}}=1.63$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

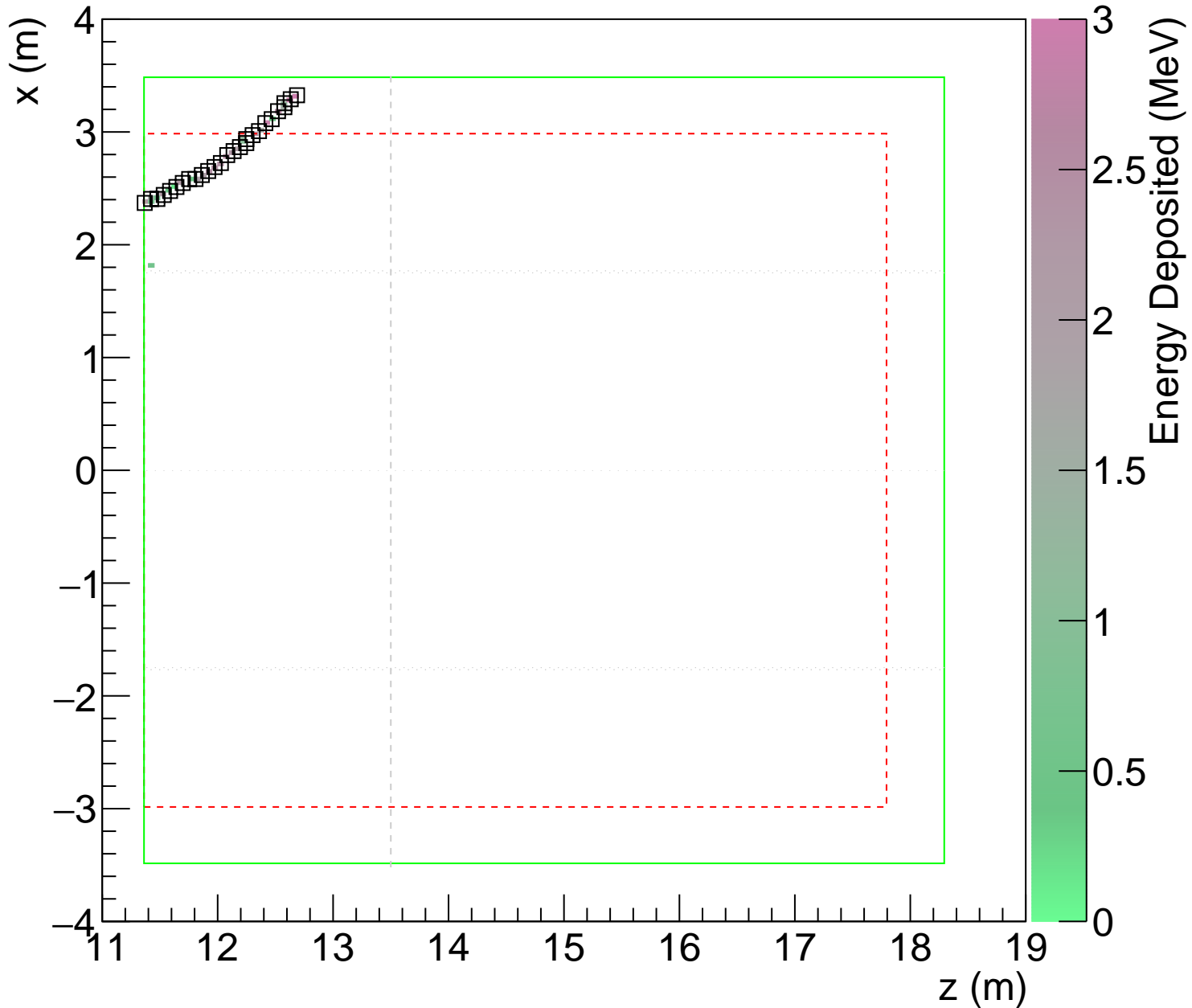


Event 355, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.99$  GeV,  $E_{\mu}^{\text{true}}=1.63$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



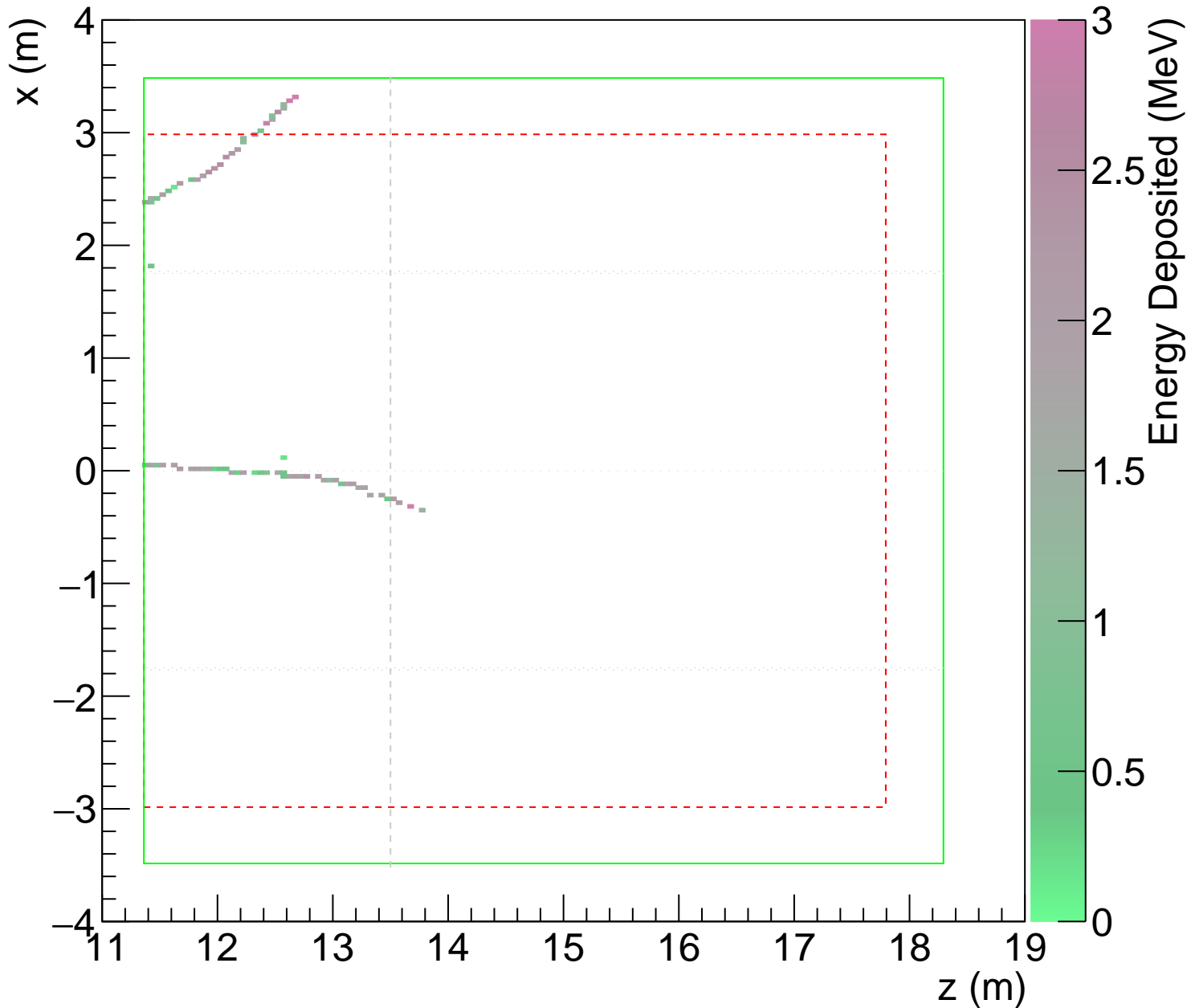
# Event 355 reconstructed

nLines: 1, nClusters: 0

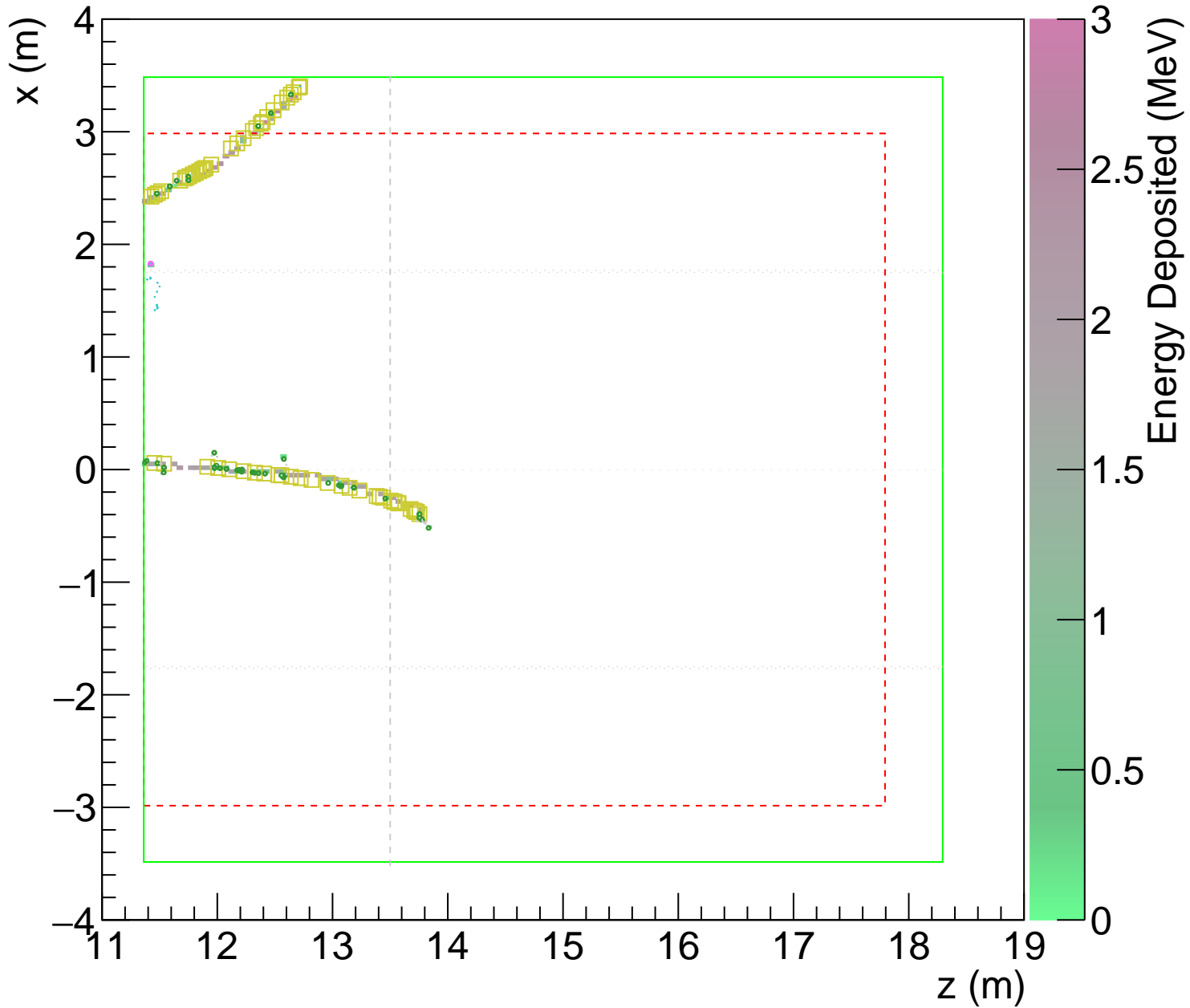




Event 356, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.91$  GeV,  $E_{\mu}^{\text{true}}=1.79$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

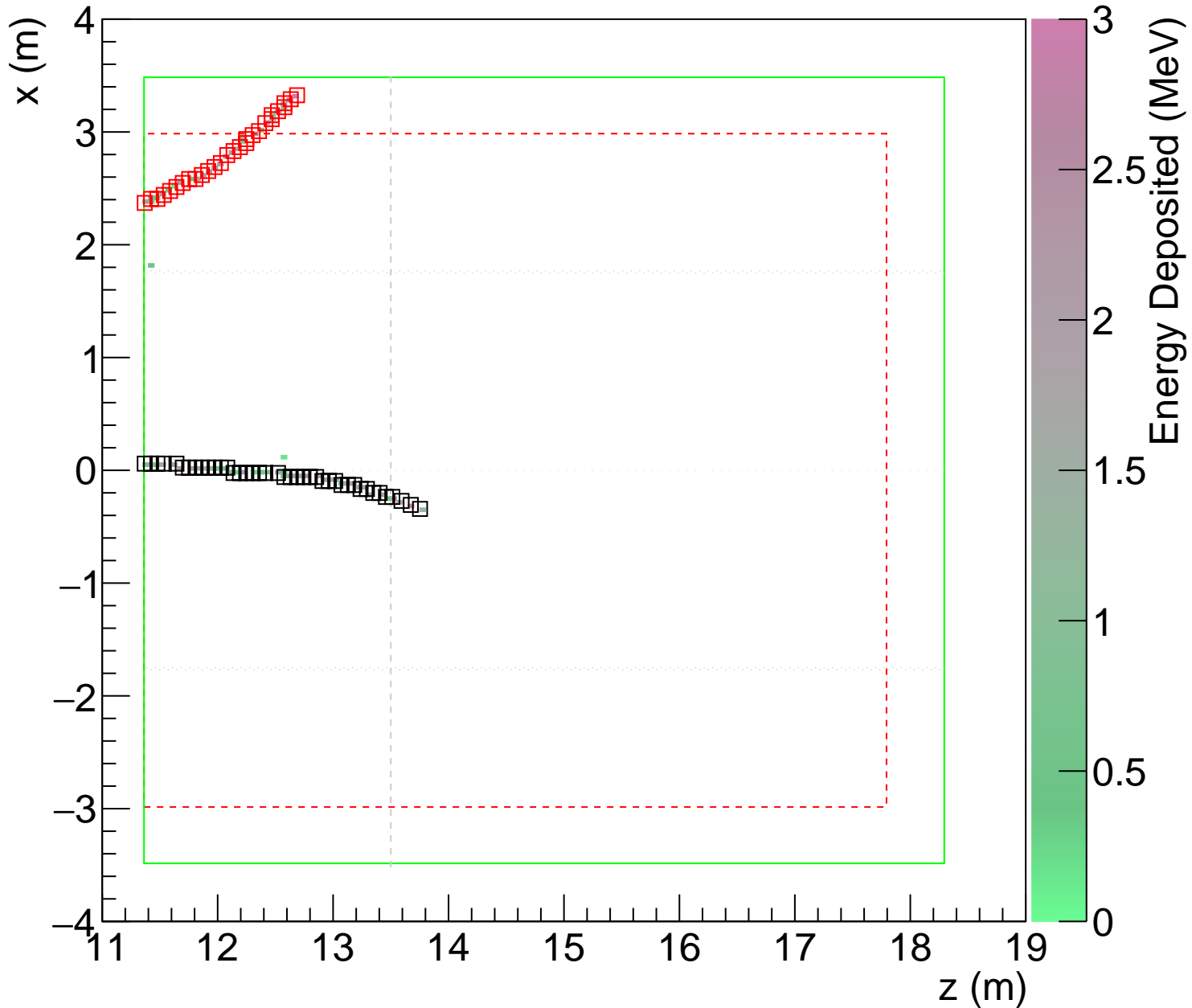


Event 356, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.91$  GeV,  $E_{\mu}^{\text{true}}=1.79$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

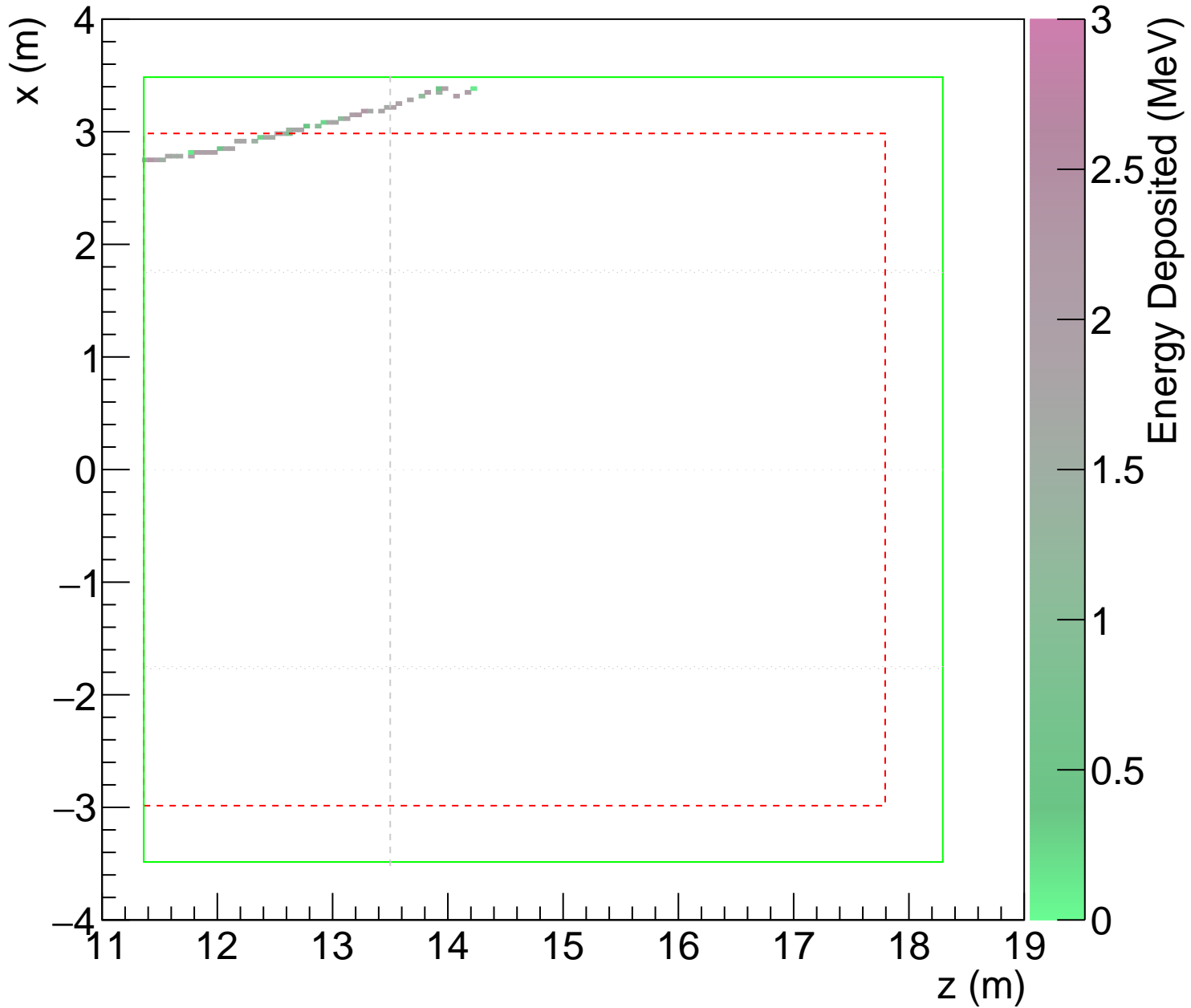


# Event 356 reconstructed

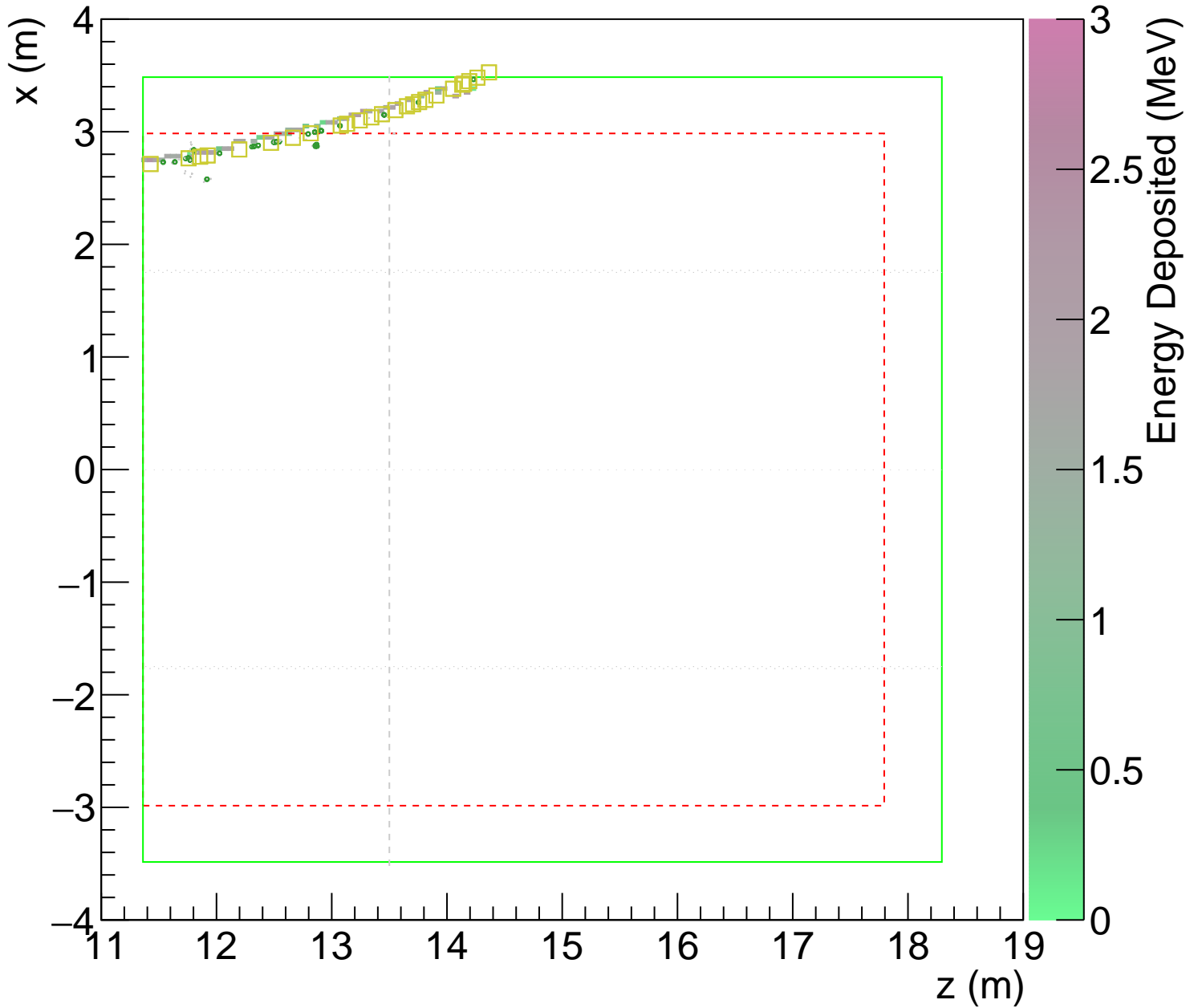
nLines: 2, nClusters: 0



Event 357, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.84$  GeV,  $E_{\mu}^{\text{true}}=2.78$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

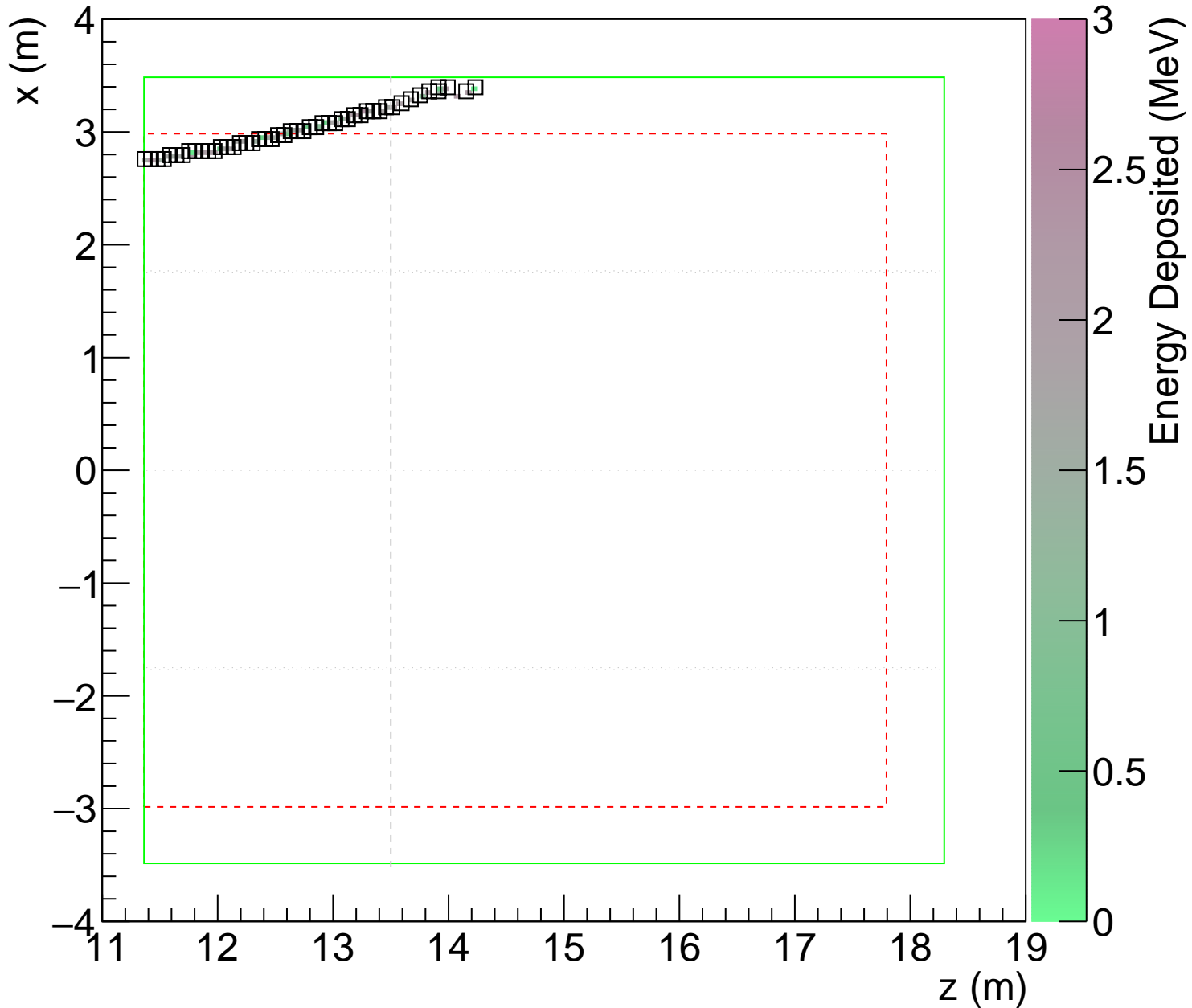


Event 357, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.84$  GeV,  $E_{\mu}^{\text{true}}=2.78$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

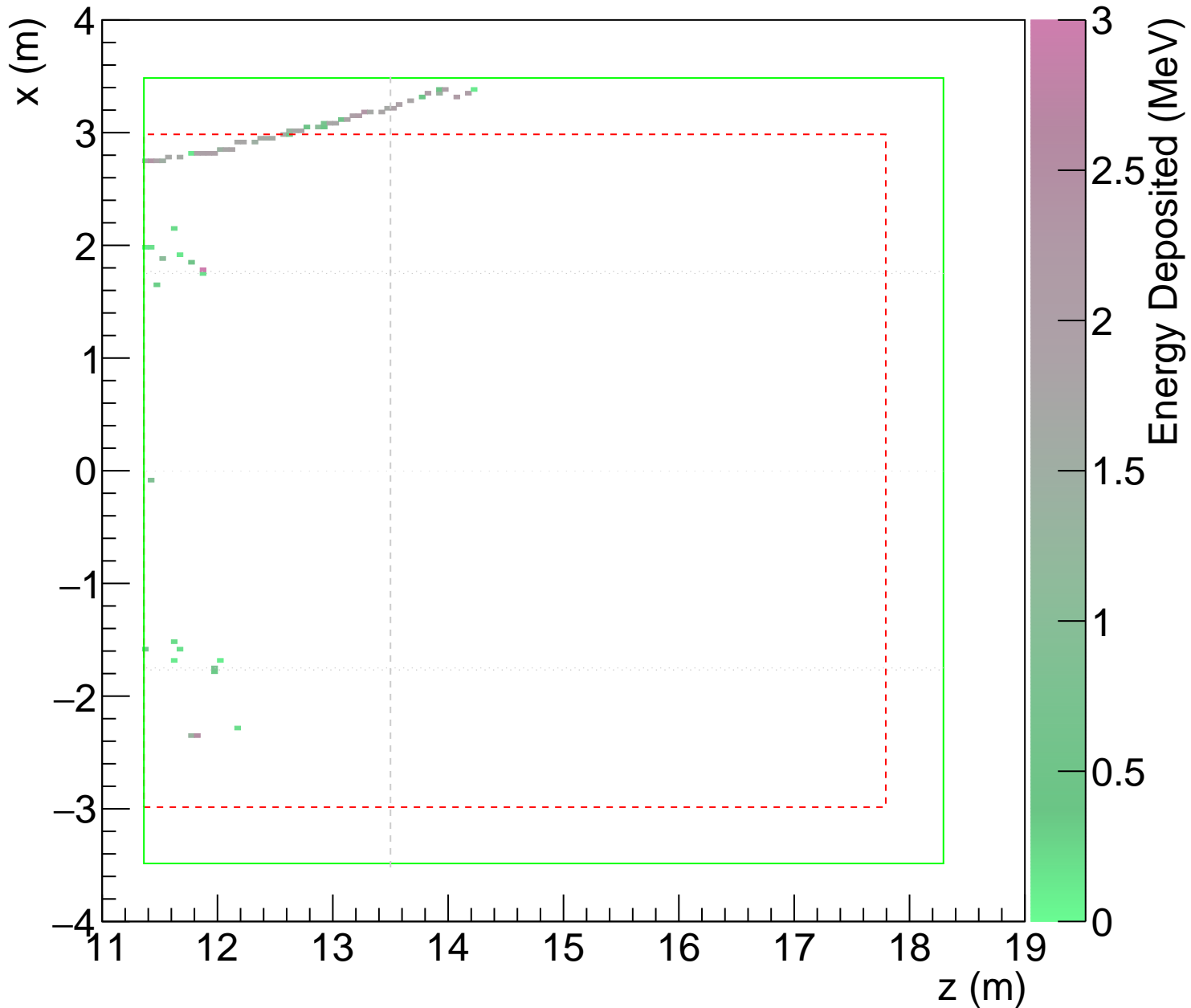


# Event 357 reconstructed

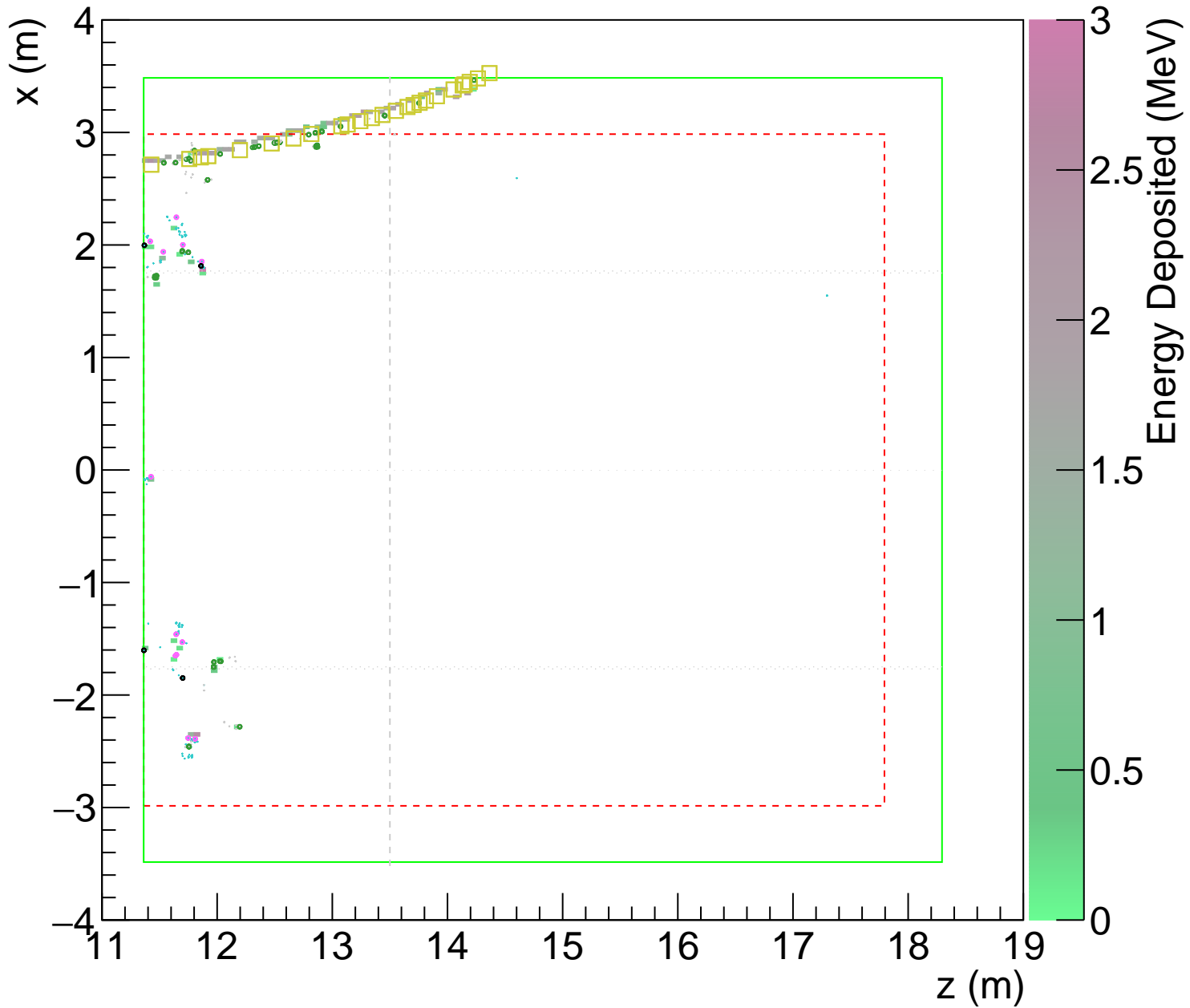
nLines: 1, nClusters: 0



Event 358, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.17$  GeV,  $E_{\mu}^{\text{true}}=2.78$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



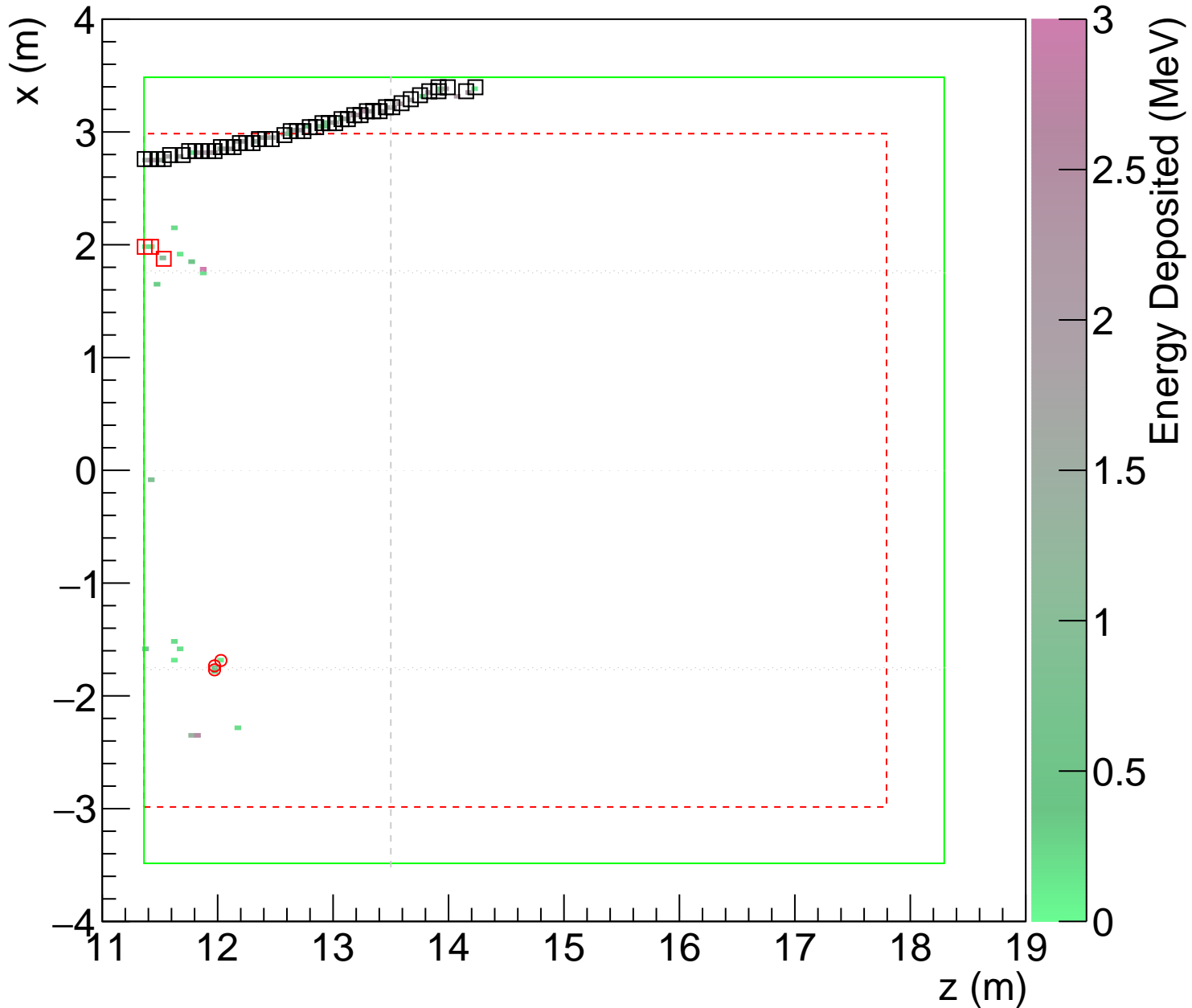
Event 358, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.17$  GeV,  $E_{\mu}^{\text{true}}=2.78$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



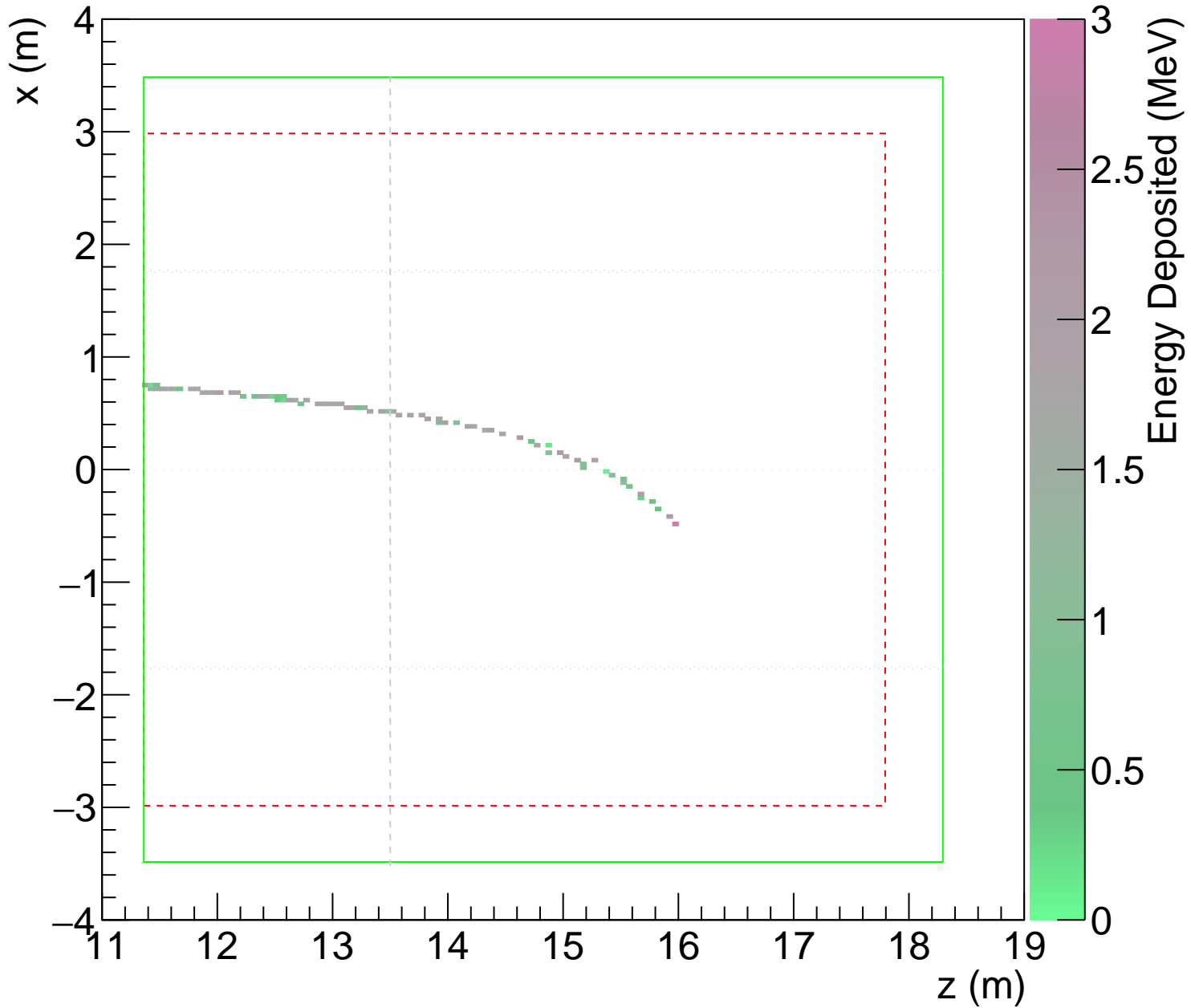


# Event 358 reconstructed

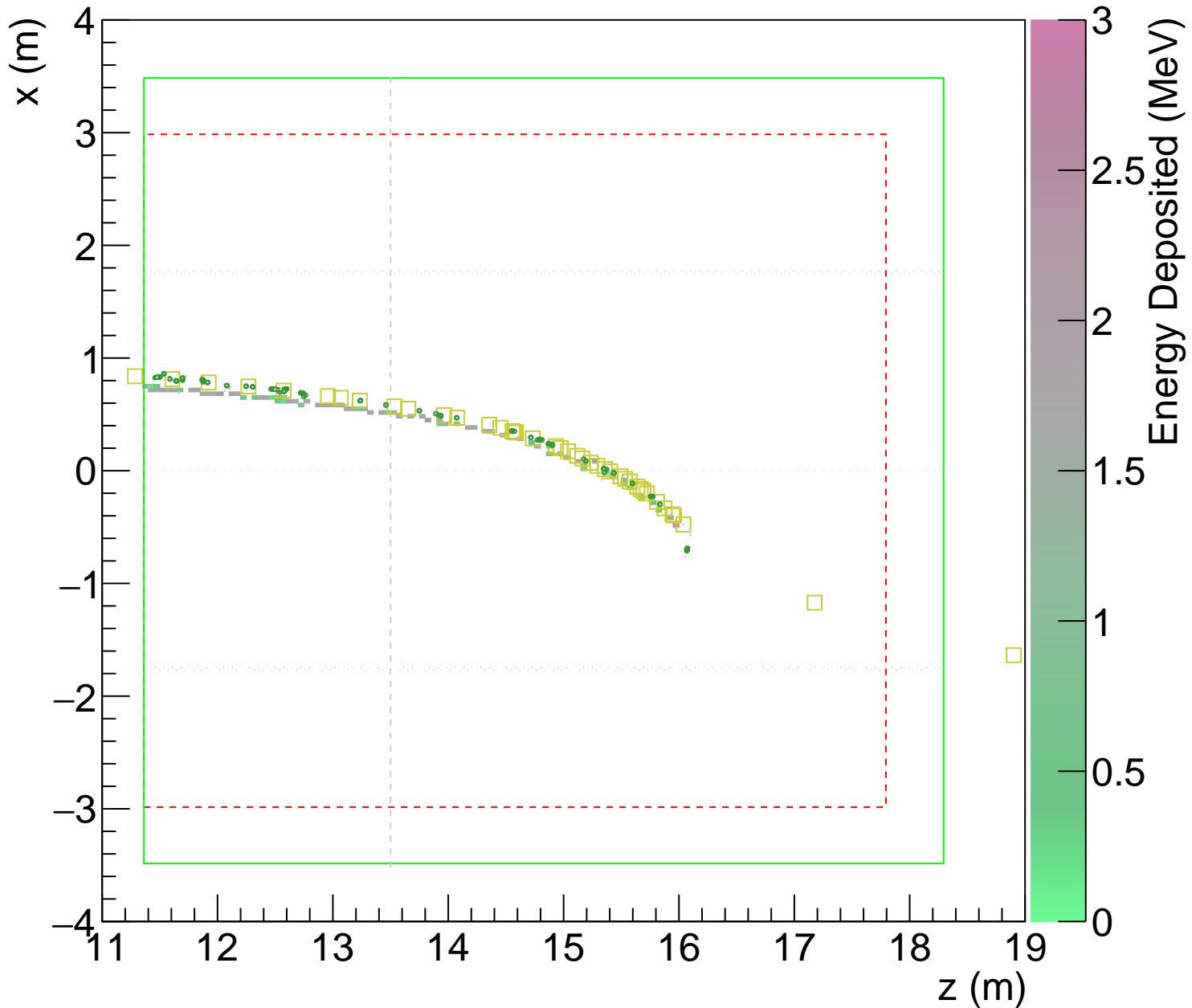
nLines: 2, nClusters: 1



Event 360, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.64$  GeV,  $E_{\mu}^{\text{true}}=3.17$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

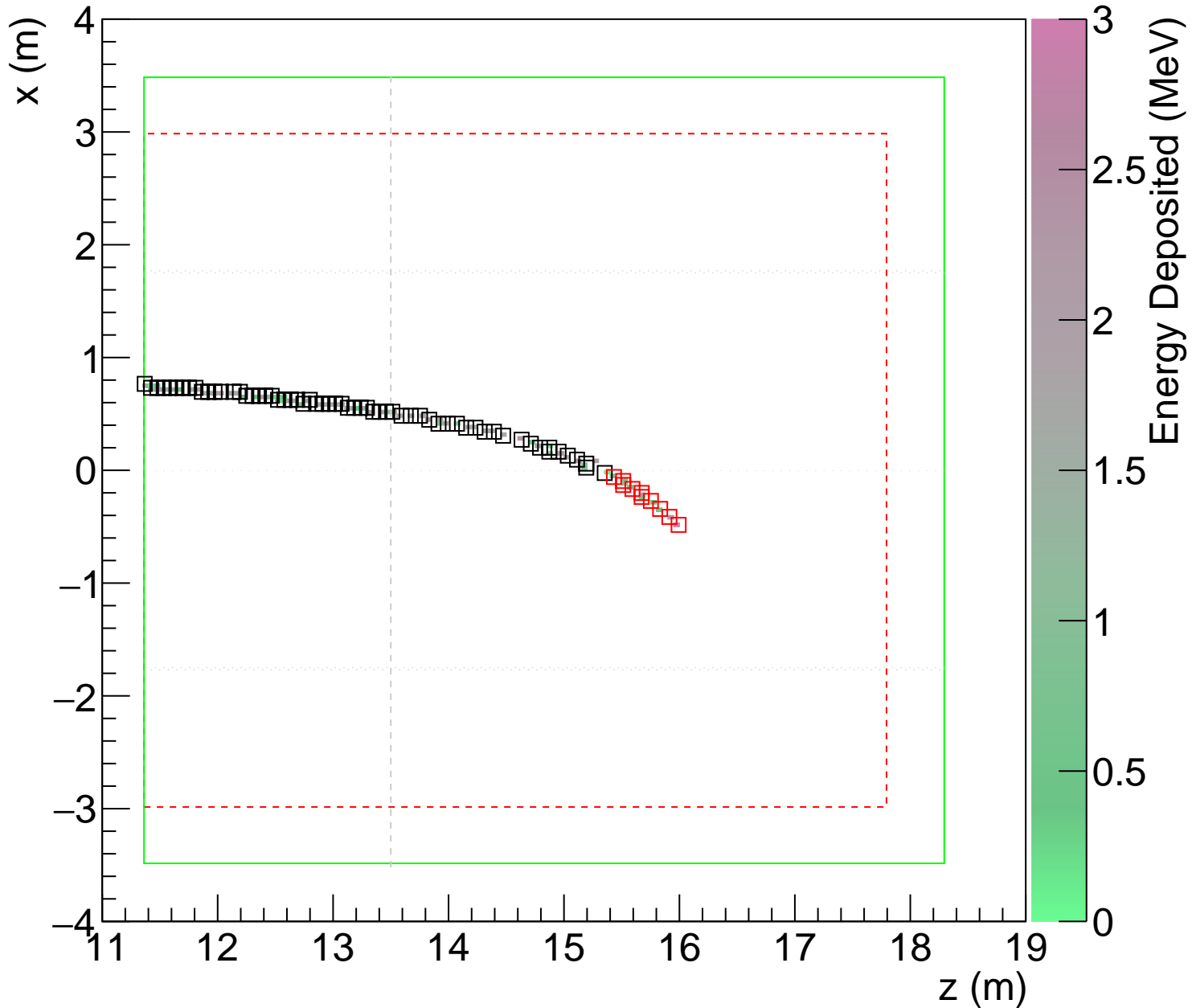


Event 360, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.64$  GeV,  $E_{\mu}^{\text{true}}=3.17$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

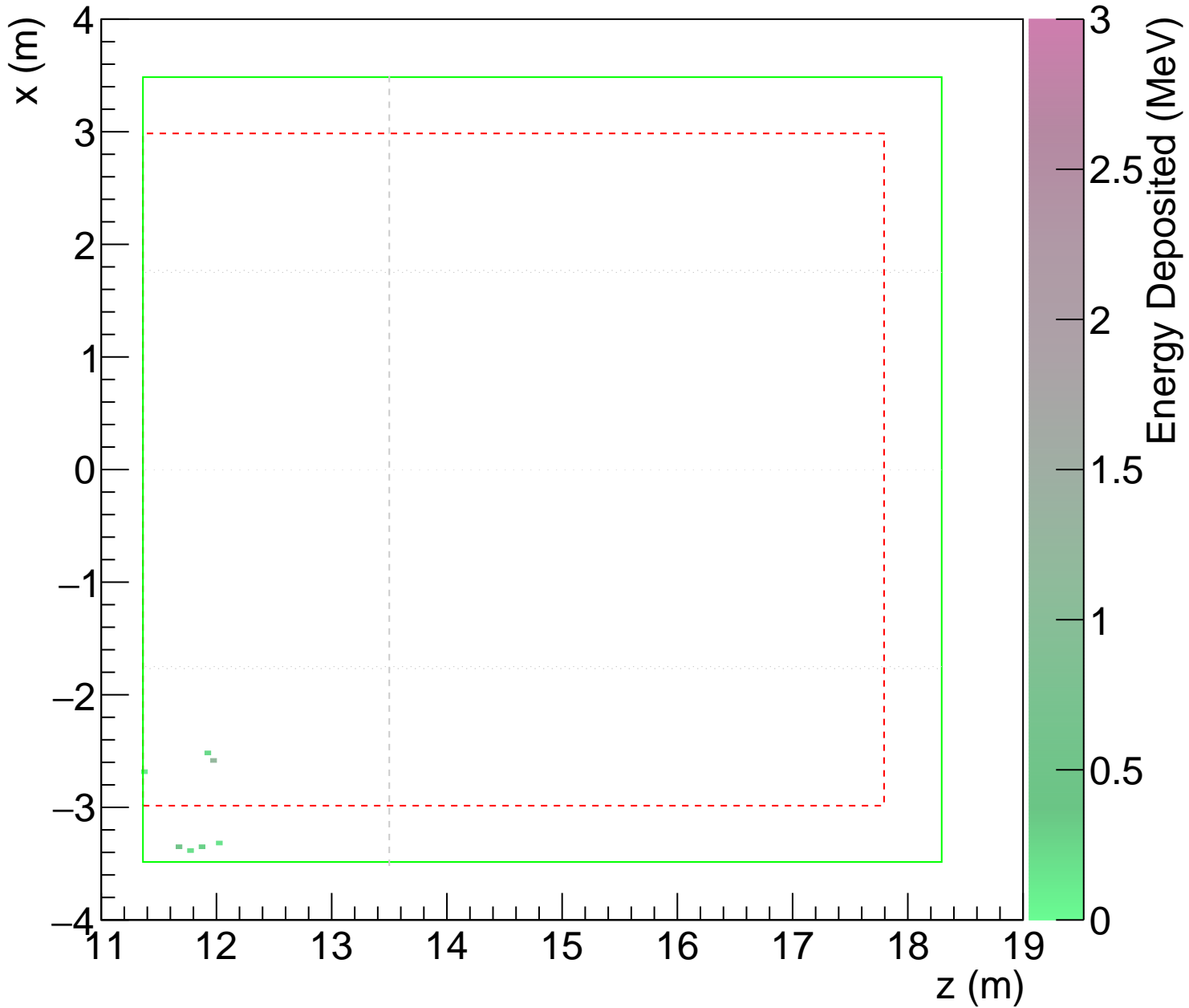


# Event 360 reconstructed

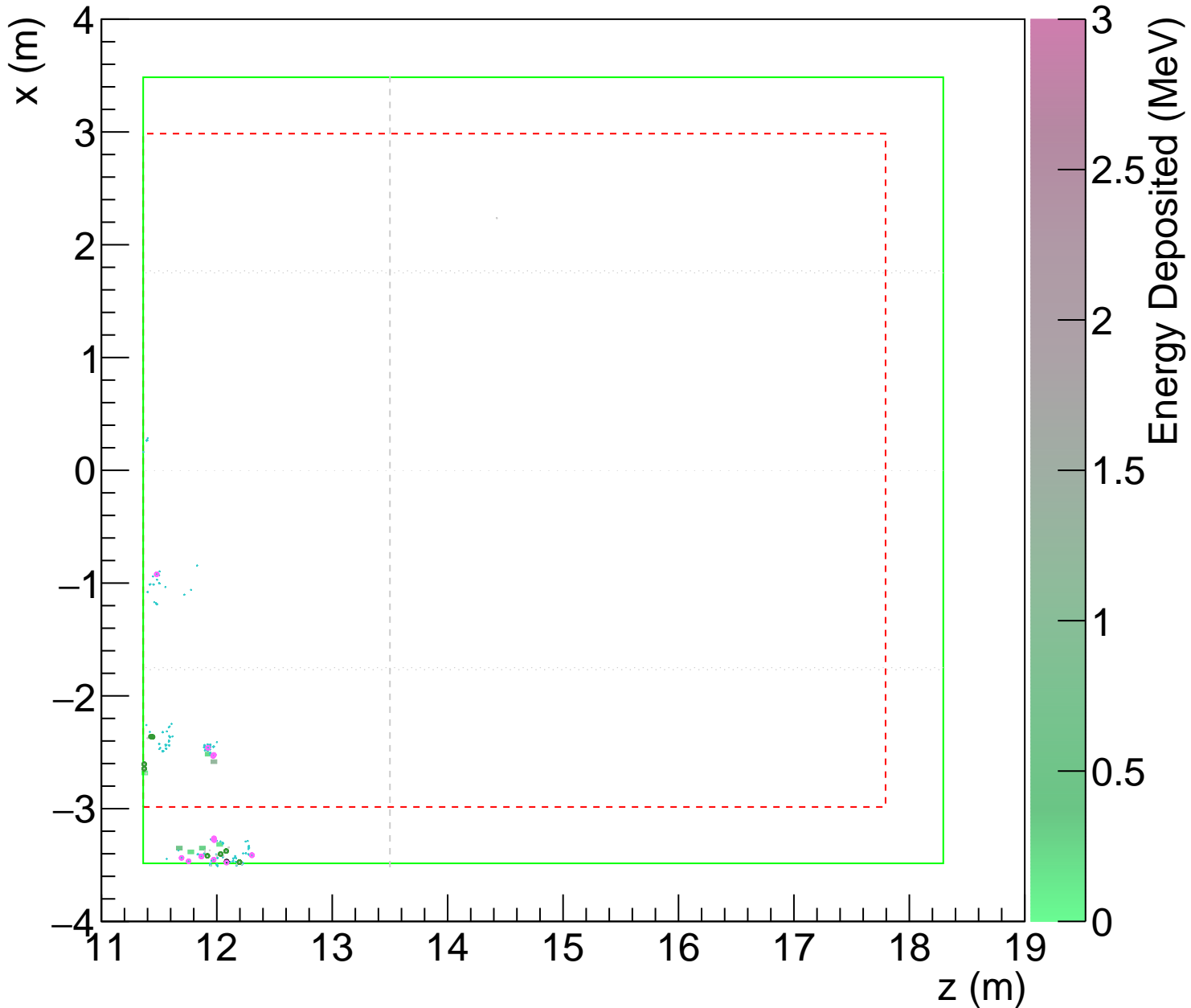
nLines: 2, nClusters: 0



Event 364, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=4.36$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,

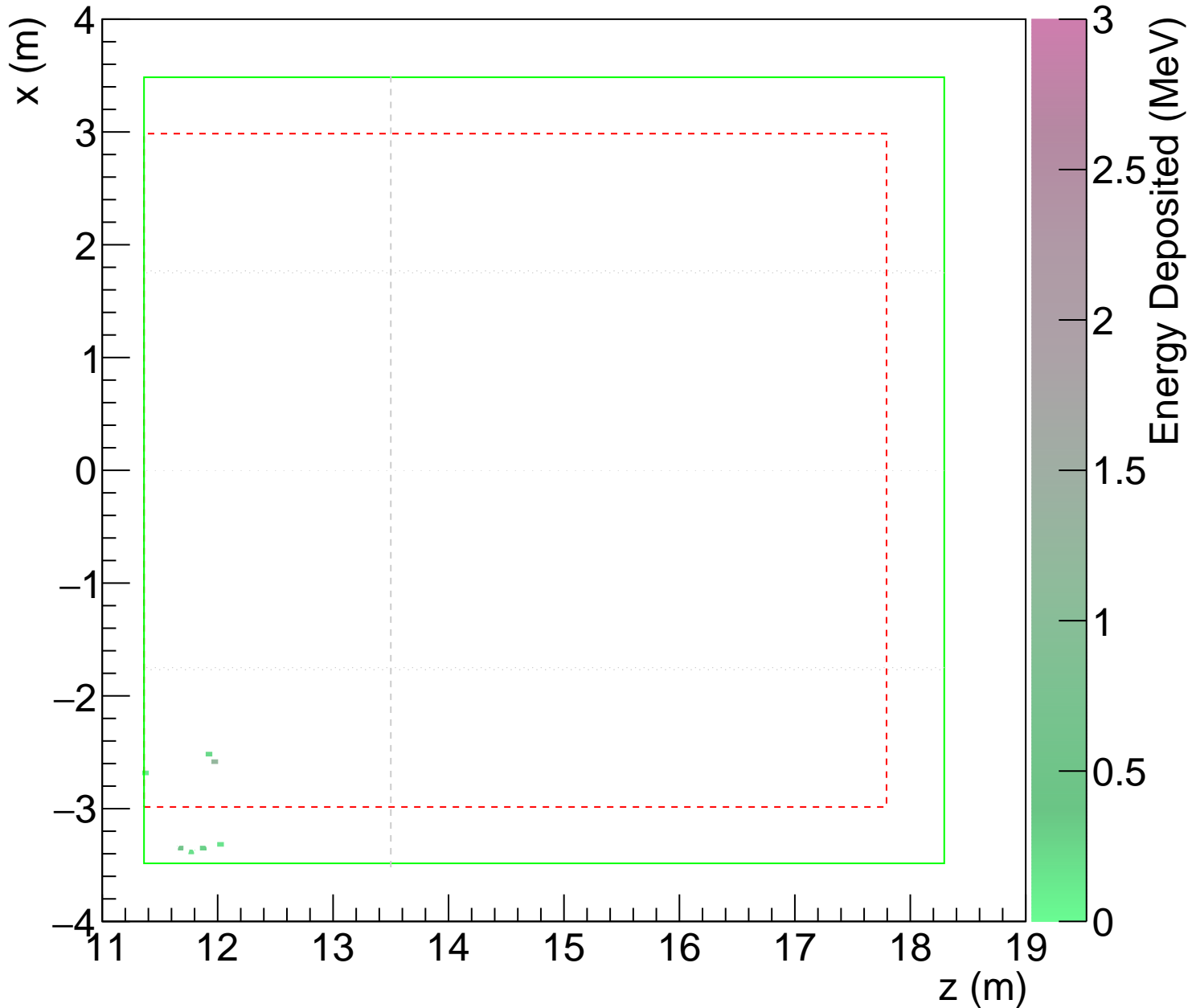


Event 364, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=4.36$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,

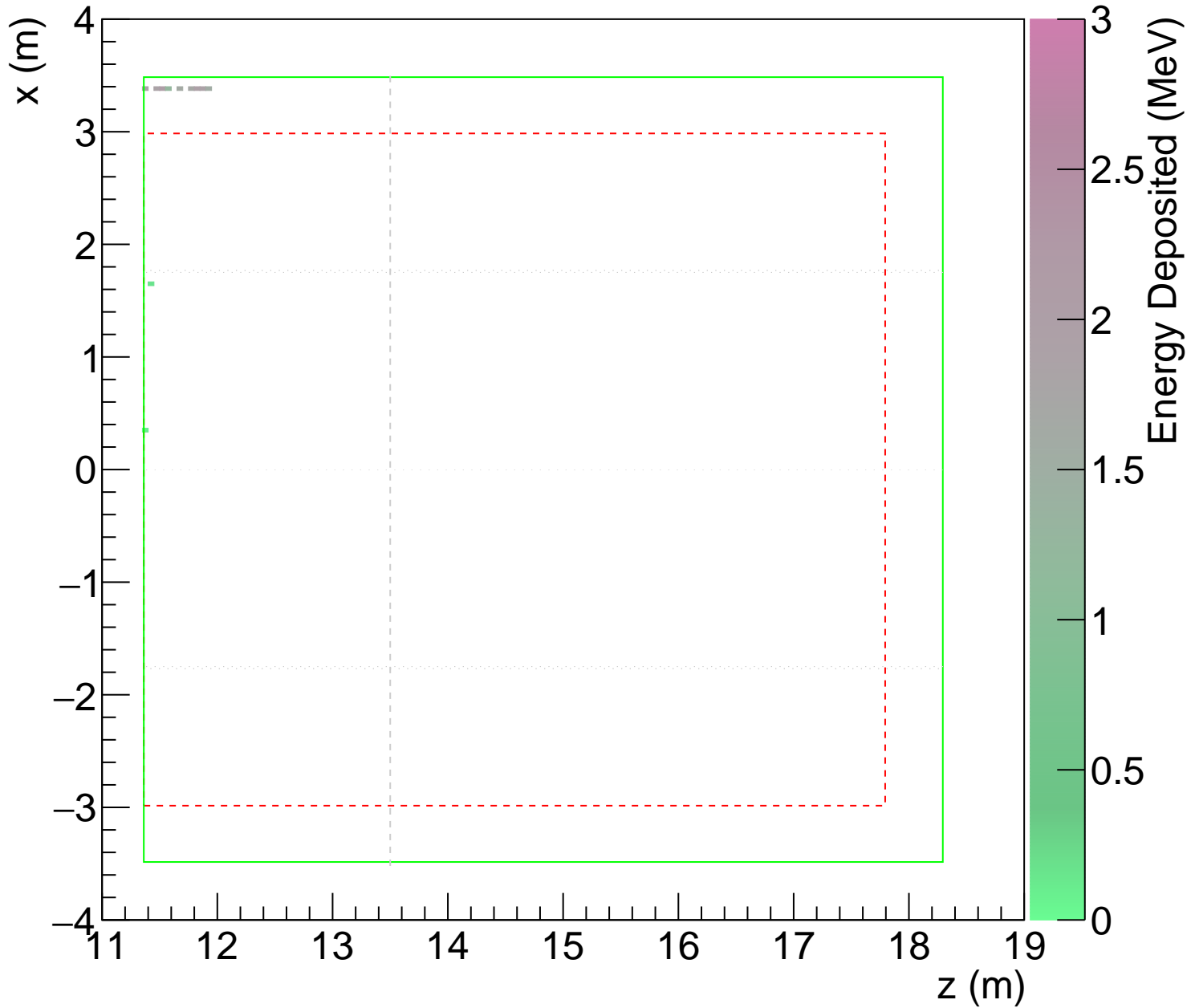


# Event 364 reconstructed

nLines: 0, nClusters: 1

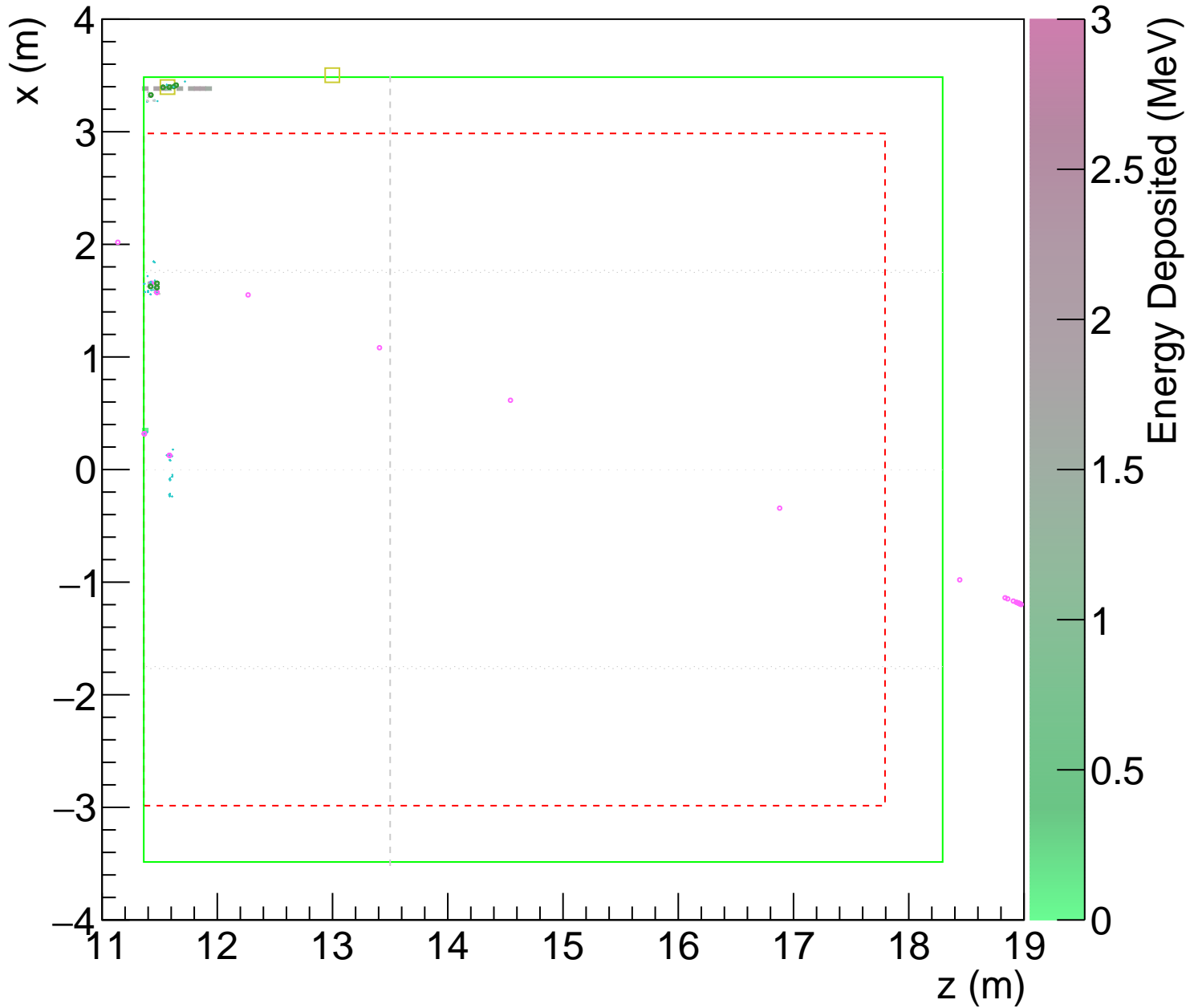


Event 366, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=31.02$  GeV,  $E_{\mu}^{\text{true}}=14.83$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



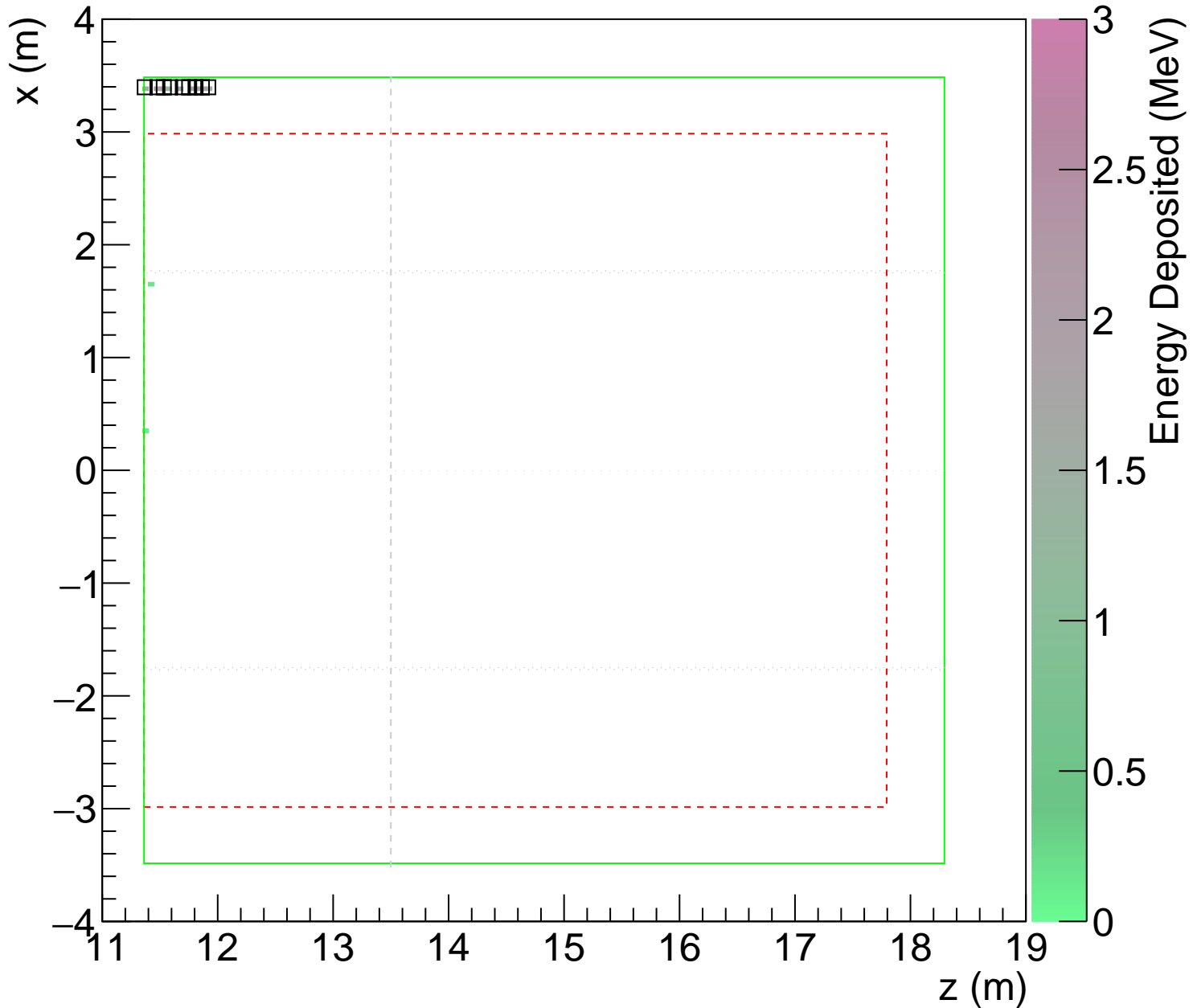


Event 366, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=31.02$  GeV,  $E_{\mu}^{\text{true}}=14.83$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

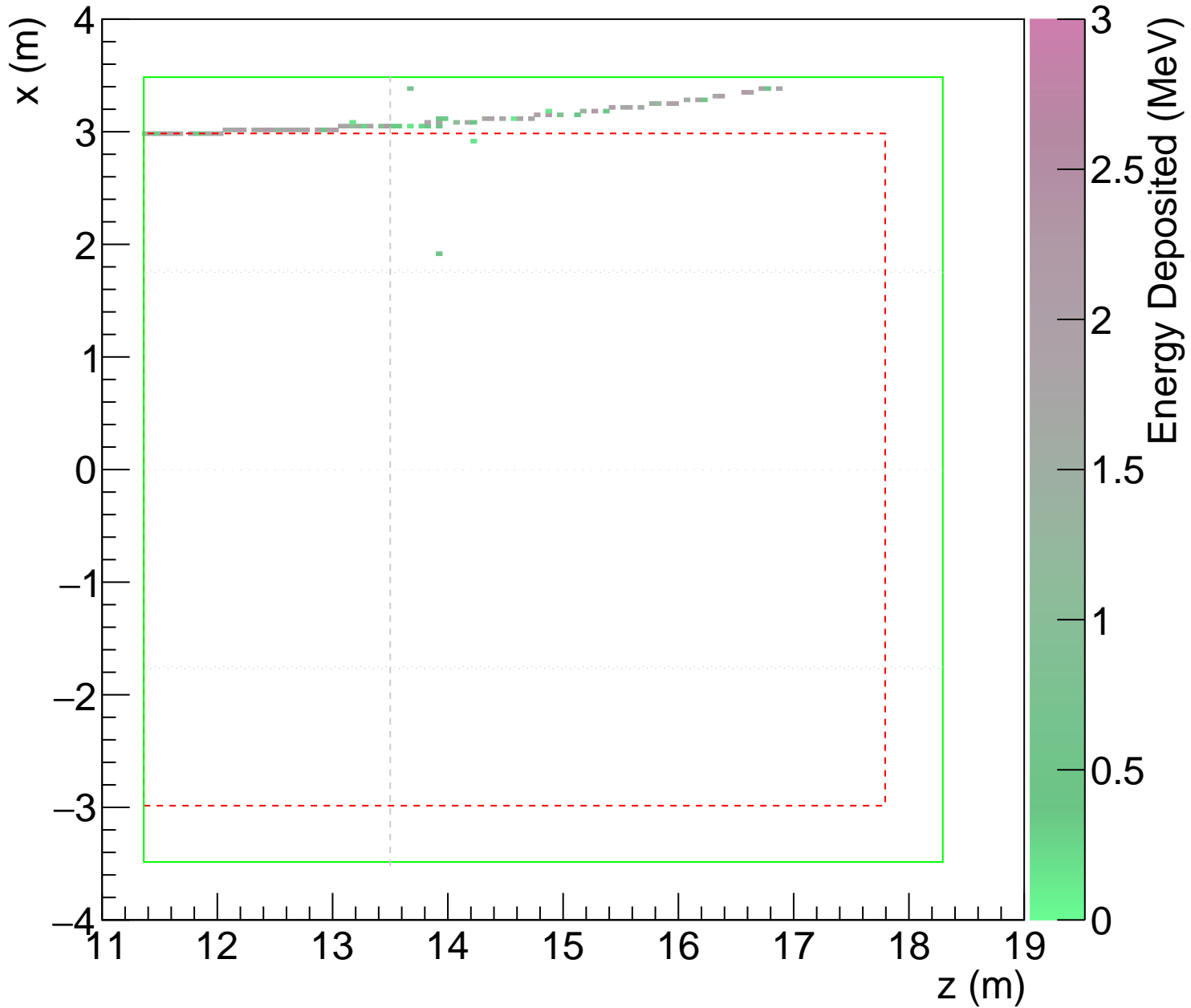


# Event 366 reconstructed

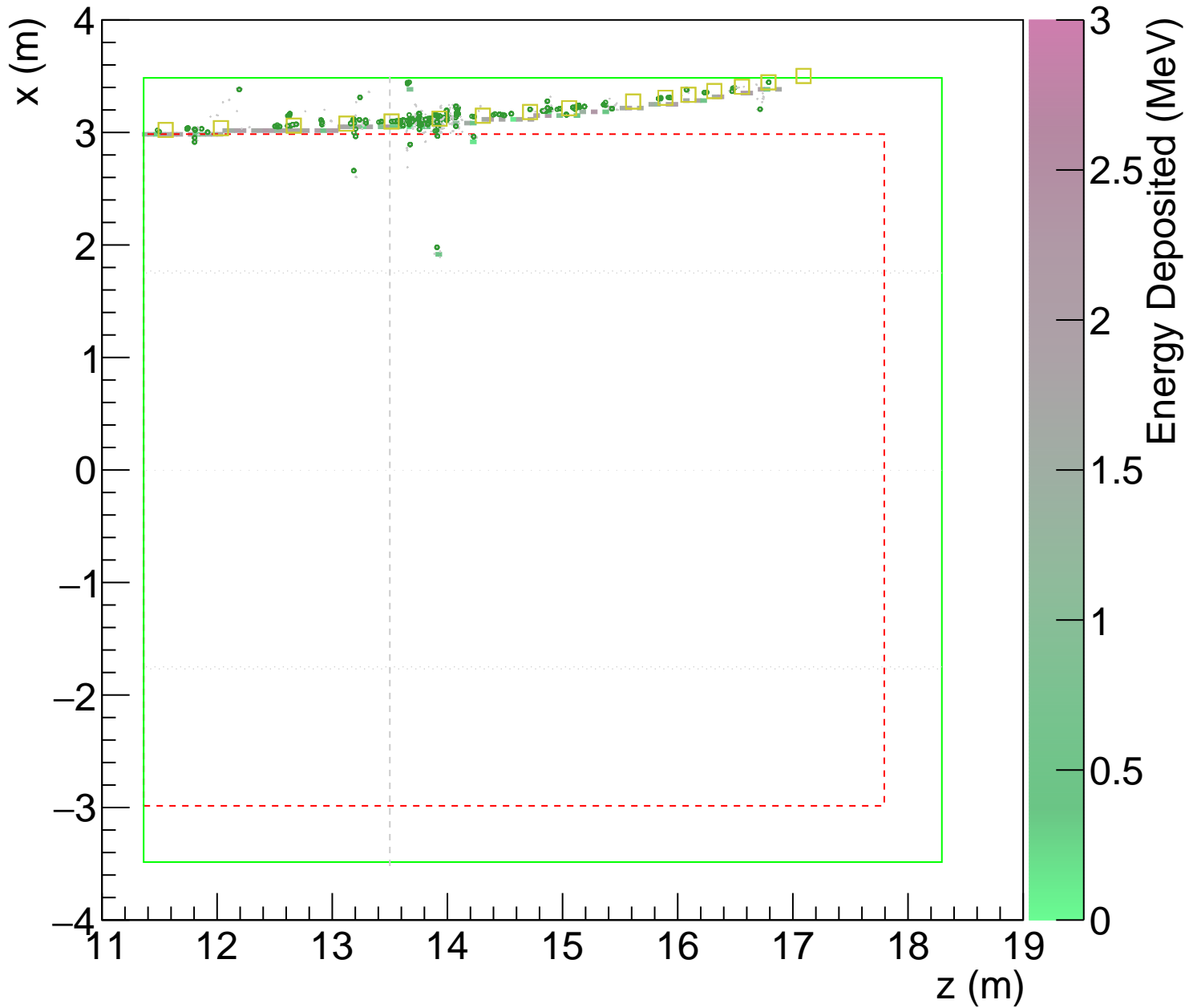
nLines: 1, nClusters: 0



Event 368, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=12.54$  GeV,  $E_{\mu}^{\text{true}}=9.84$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

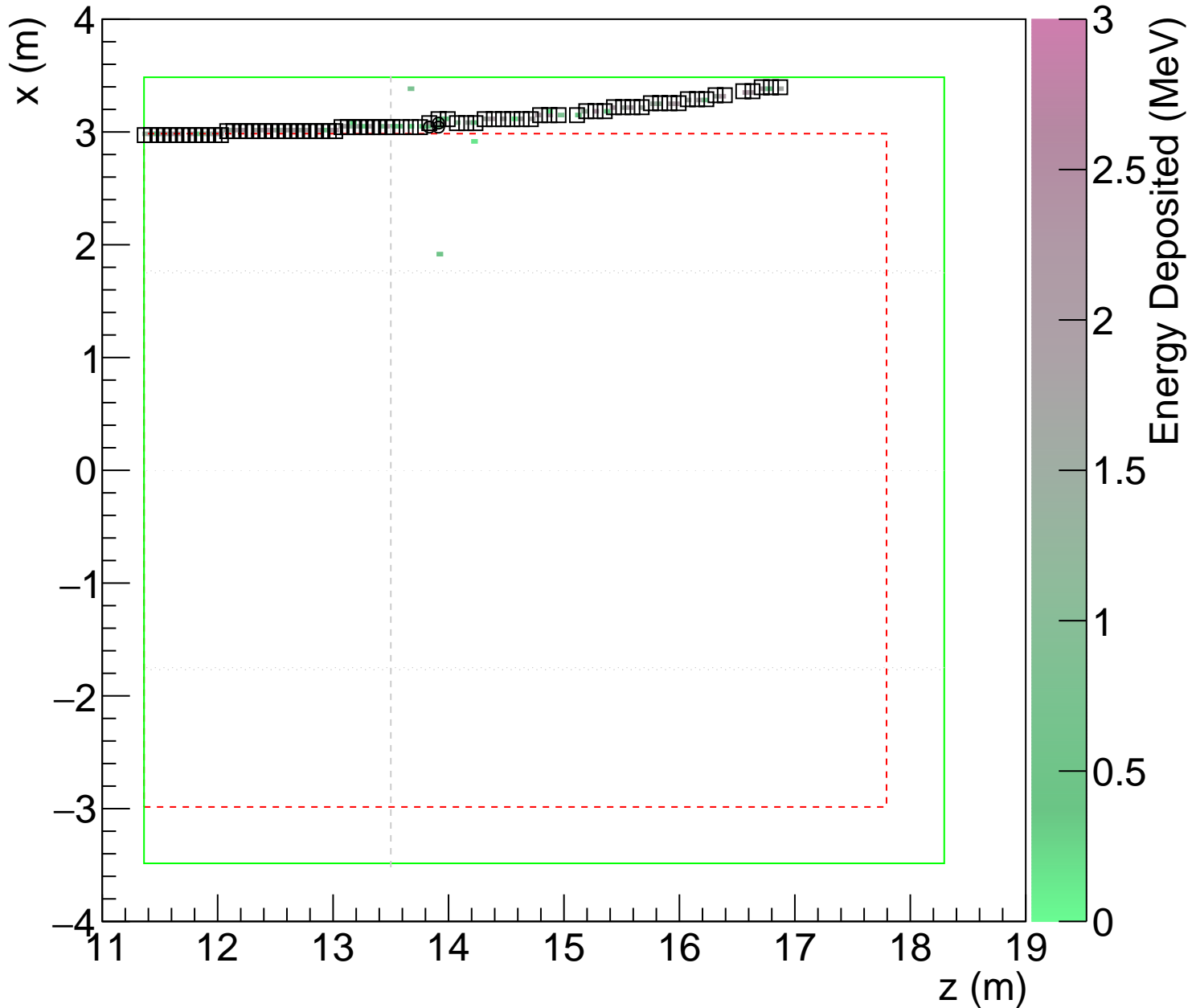


Event 368, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=12.54$  GeV,  $E_{\mu}^{\text{true}}=9.84$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

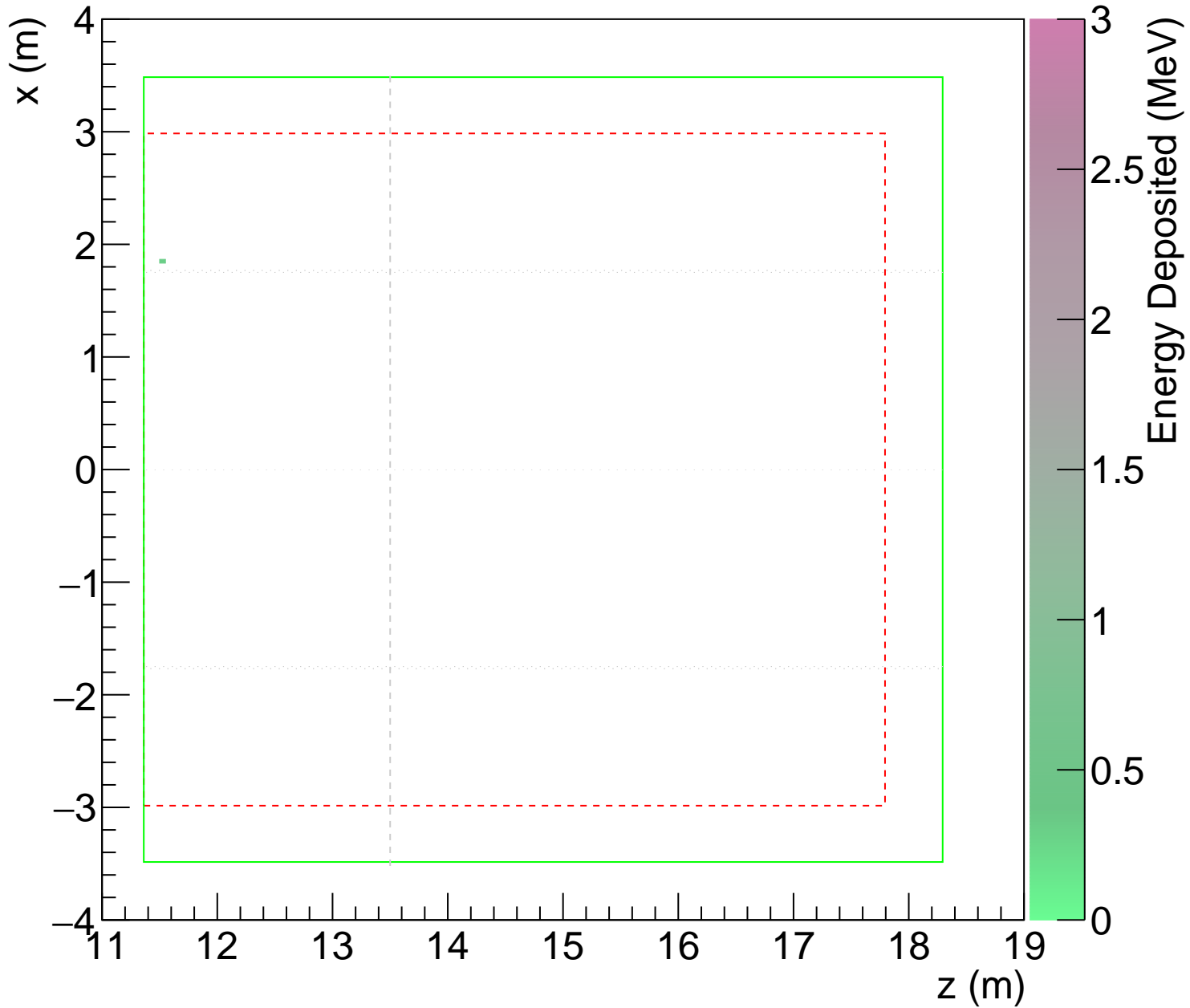


# Event 368 reconstructed

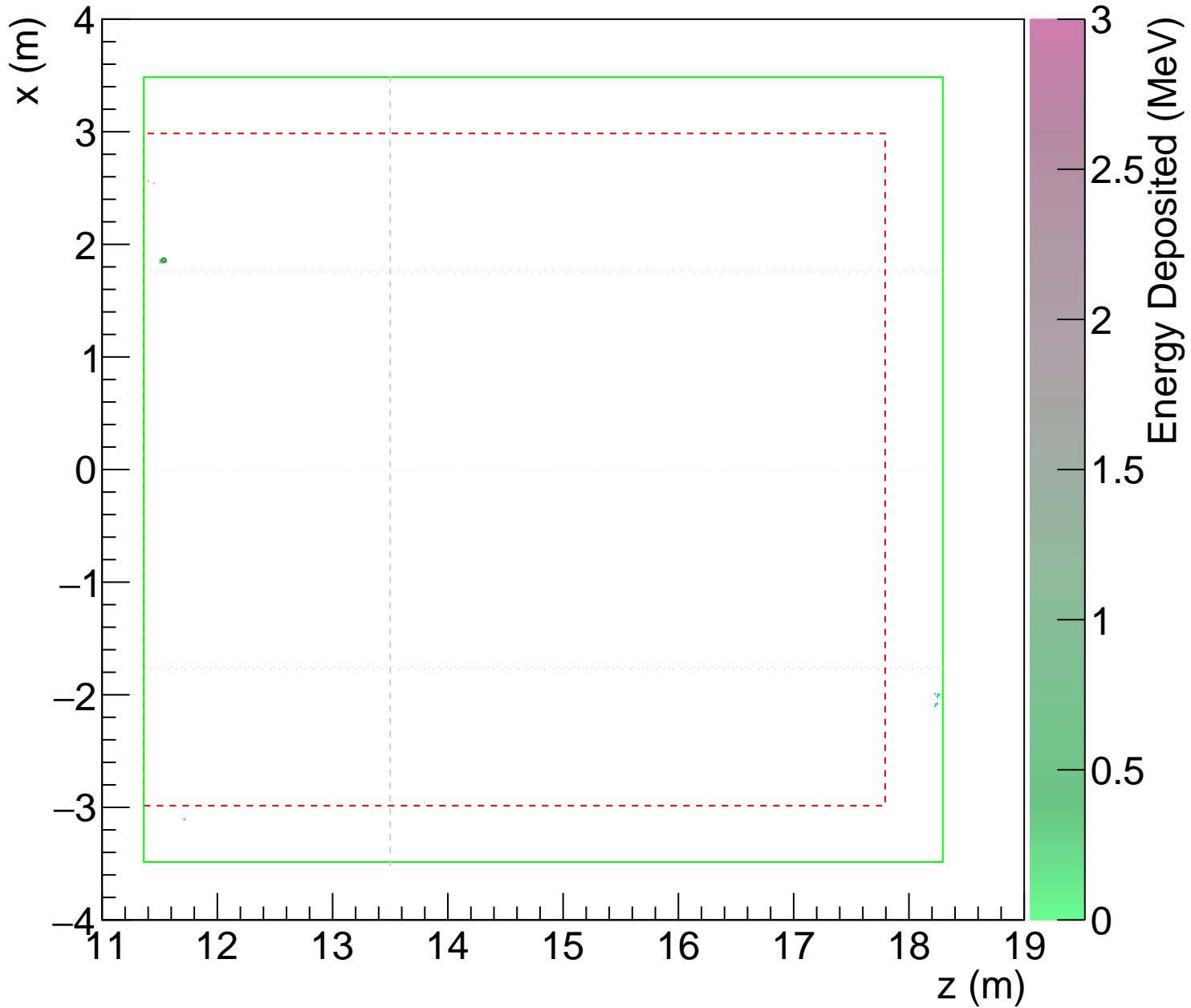
nLines: 1, nClusters: 1



Event 369, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=1.92$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

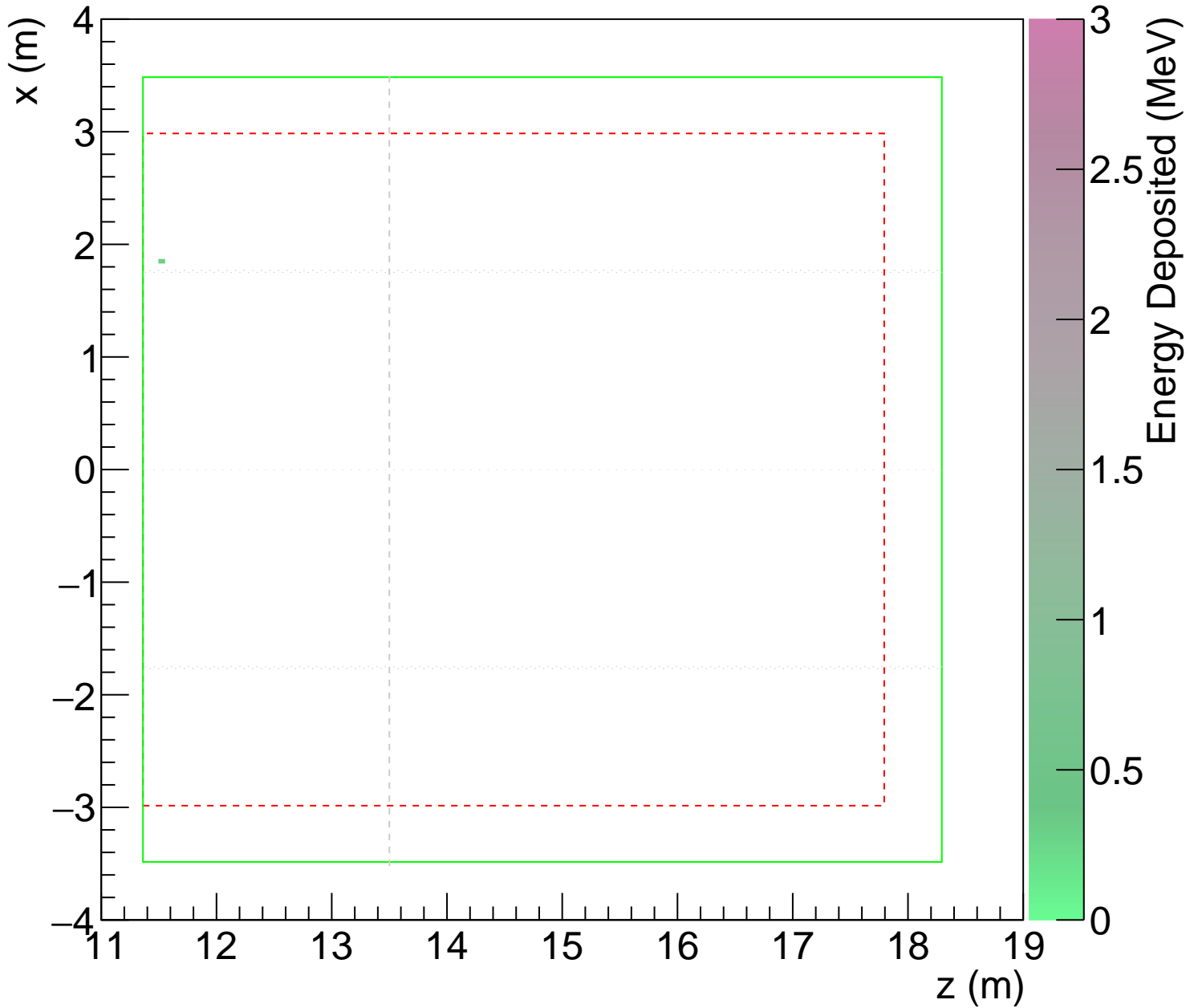


Event 369, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=1.92$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,



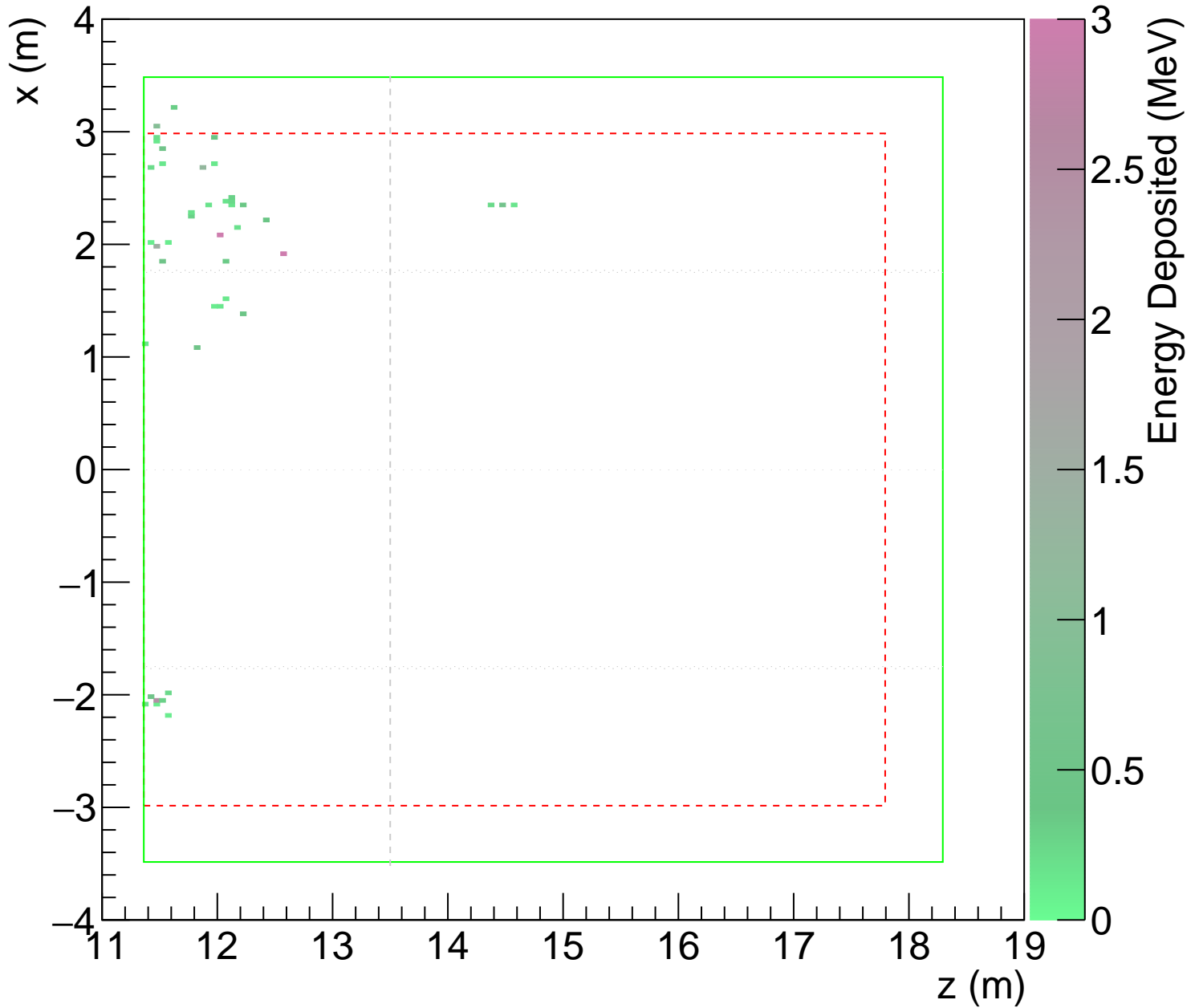
# Event 369 reconstructed

nLines: 0, nClusters: 0

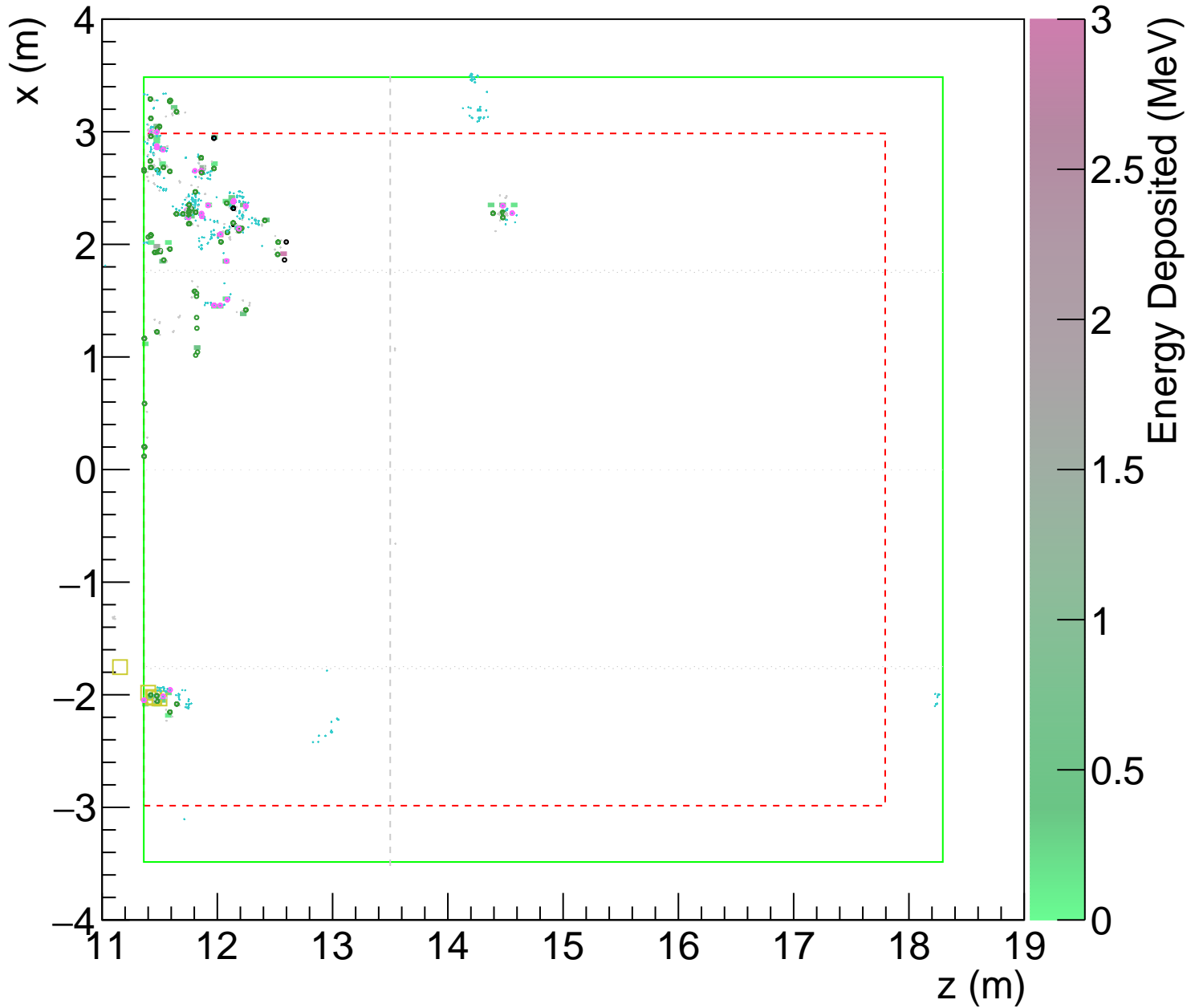




Event 370, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.21$  GeV,  $E_{\mu}^{\text{true}}=1.92$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(s),proc:Weak[CC],DIS,

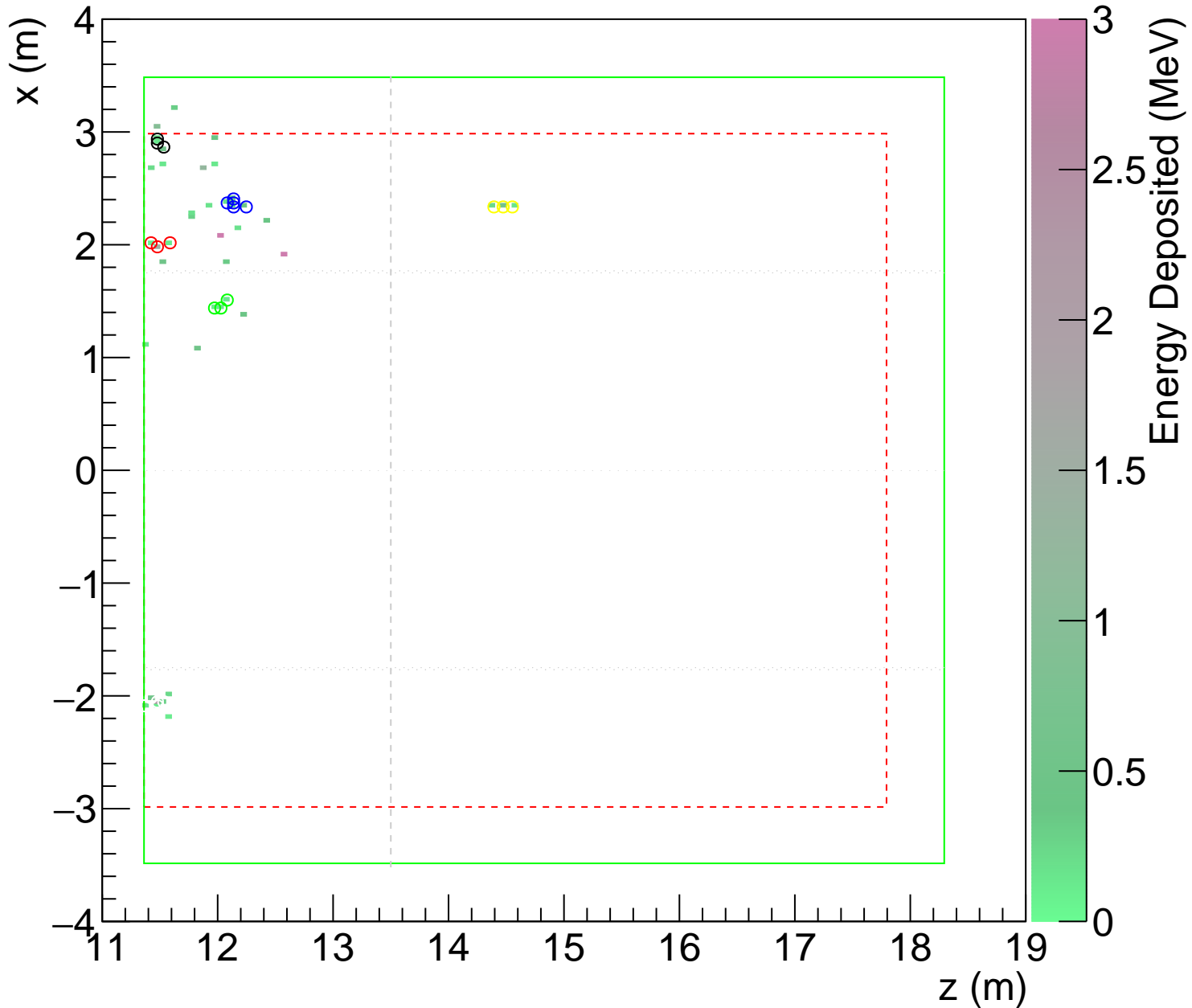


Event 370, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.21$  GeV,  $E_{\mu}^{\text{true}}=1.92$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(s),proc:Weak[CC],DIS,

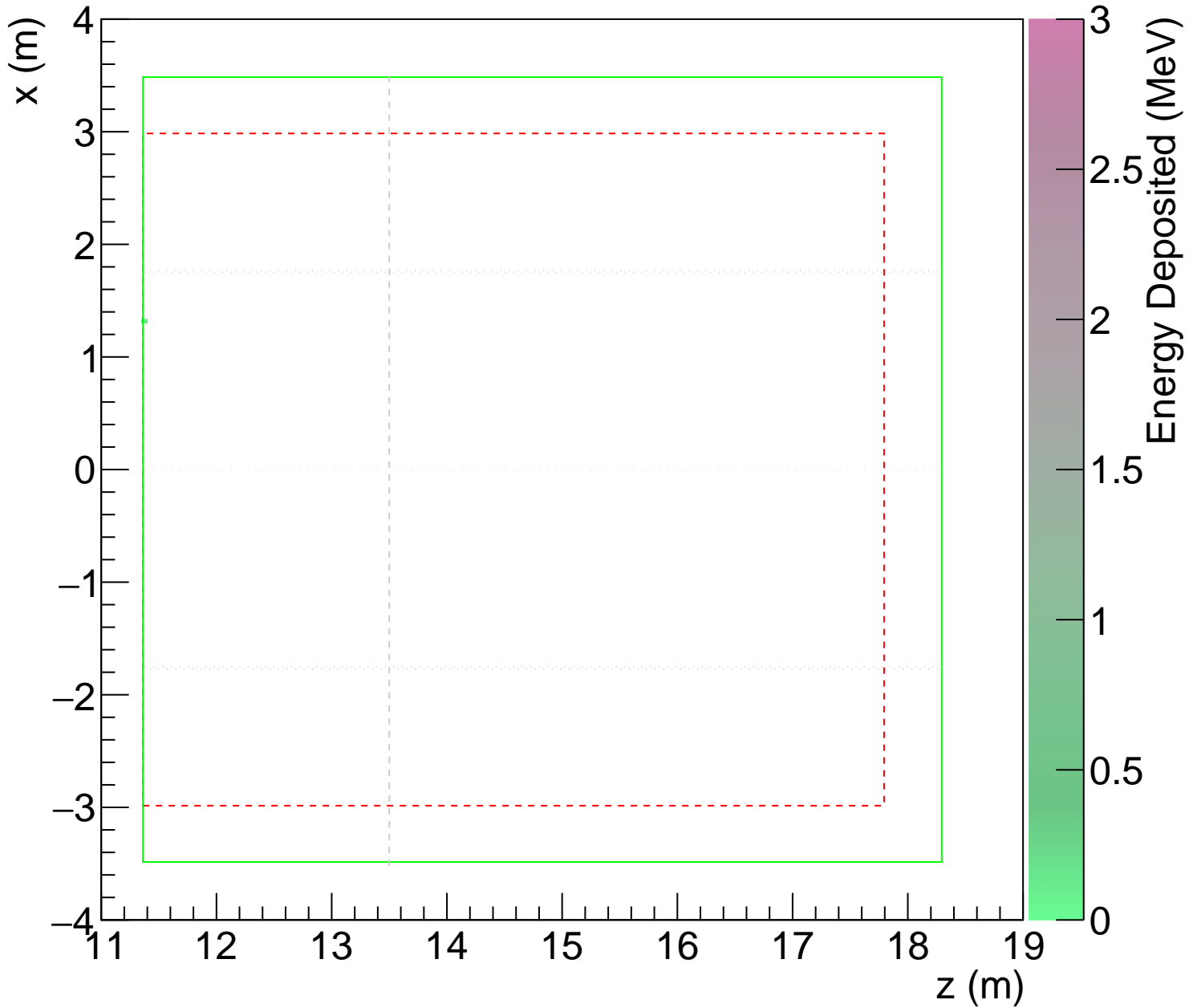


# Event 370 reconstructed

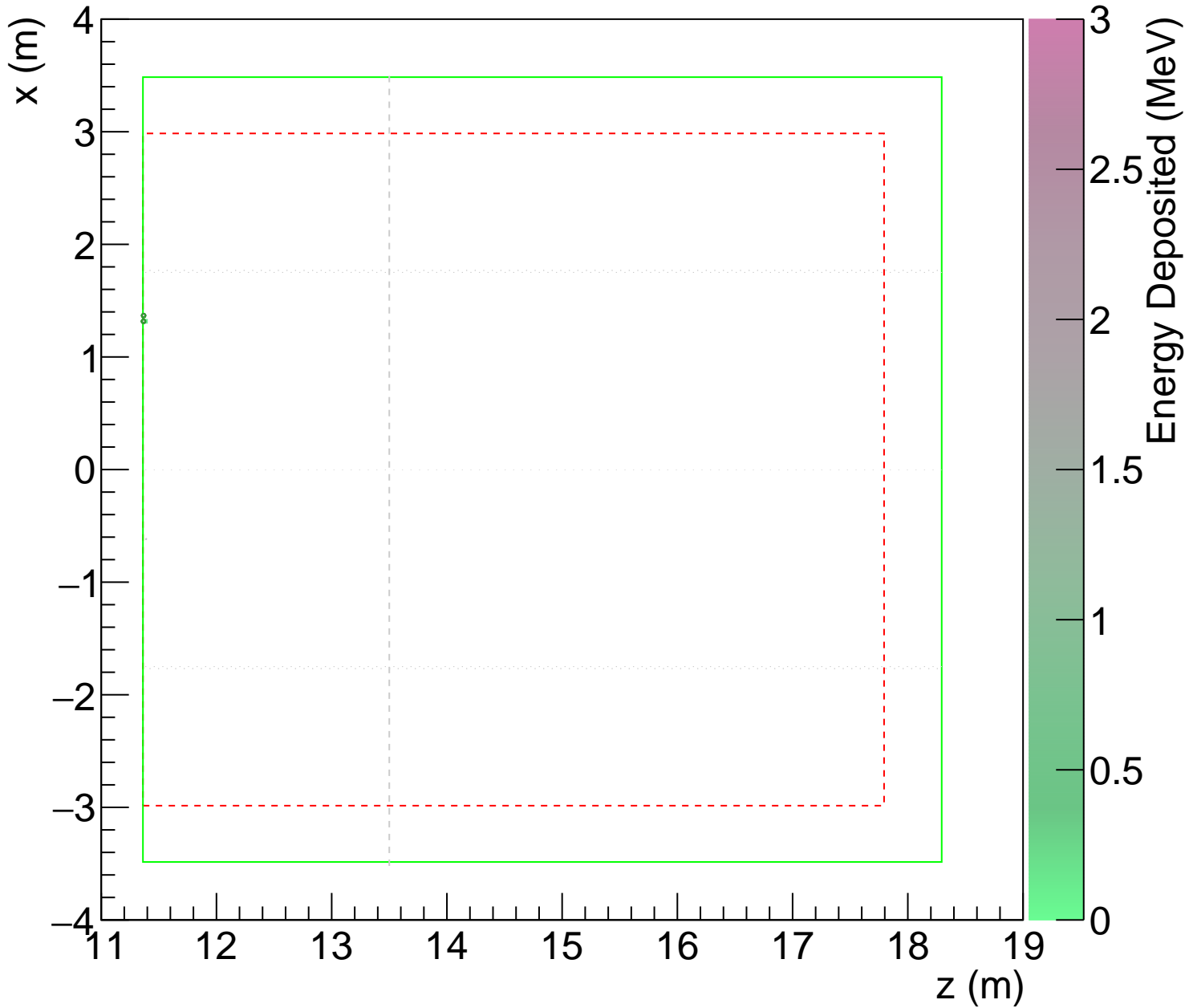
nLines: 0, nClusters: 6



Event 373, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.34$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

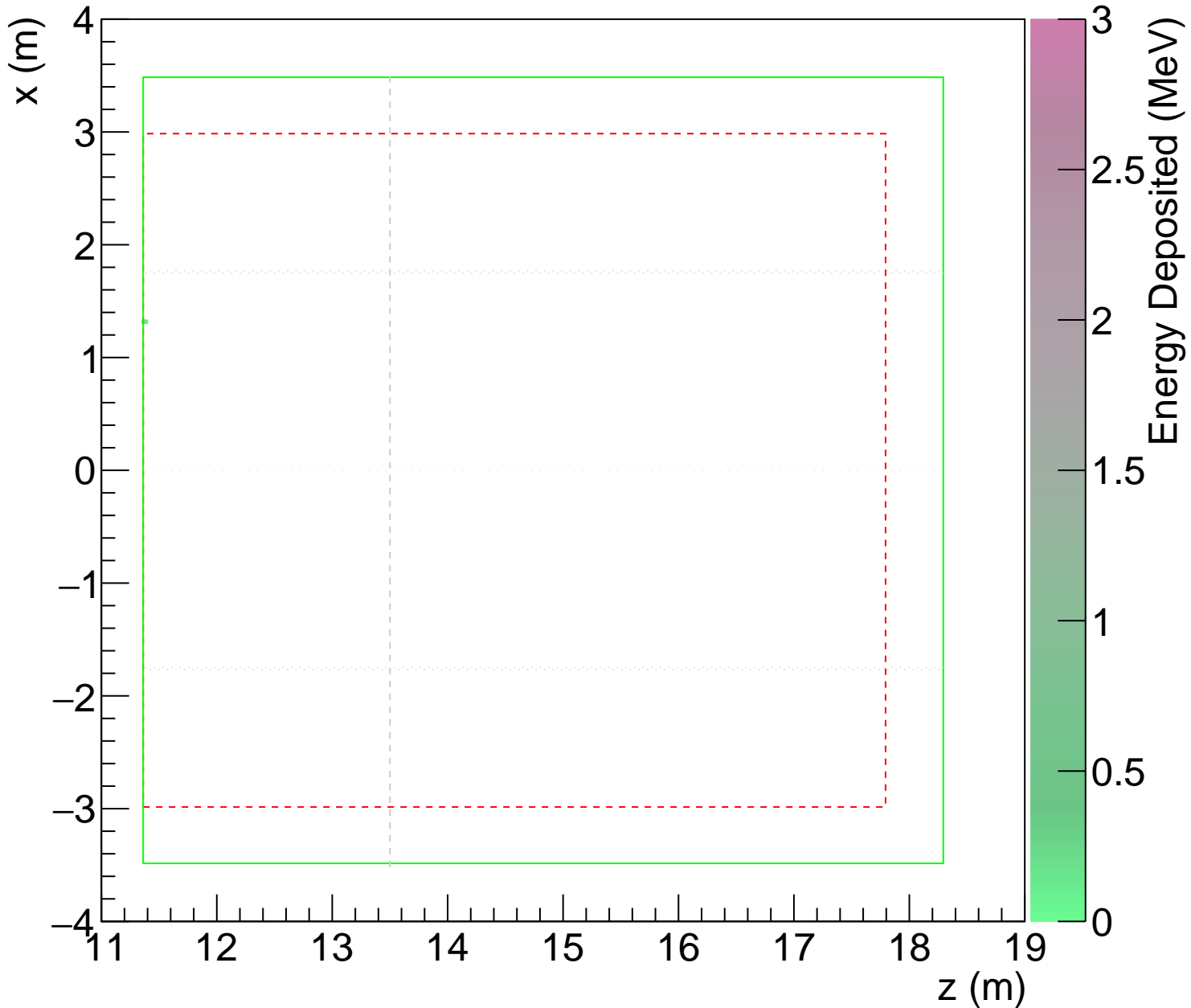


Event 373, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.34$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

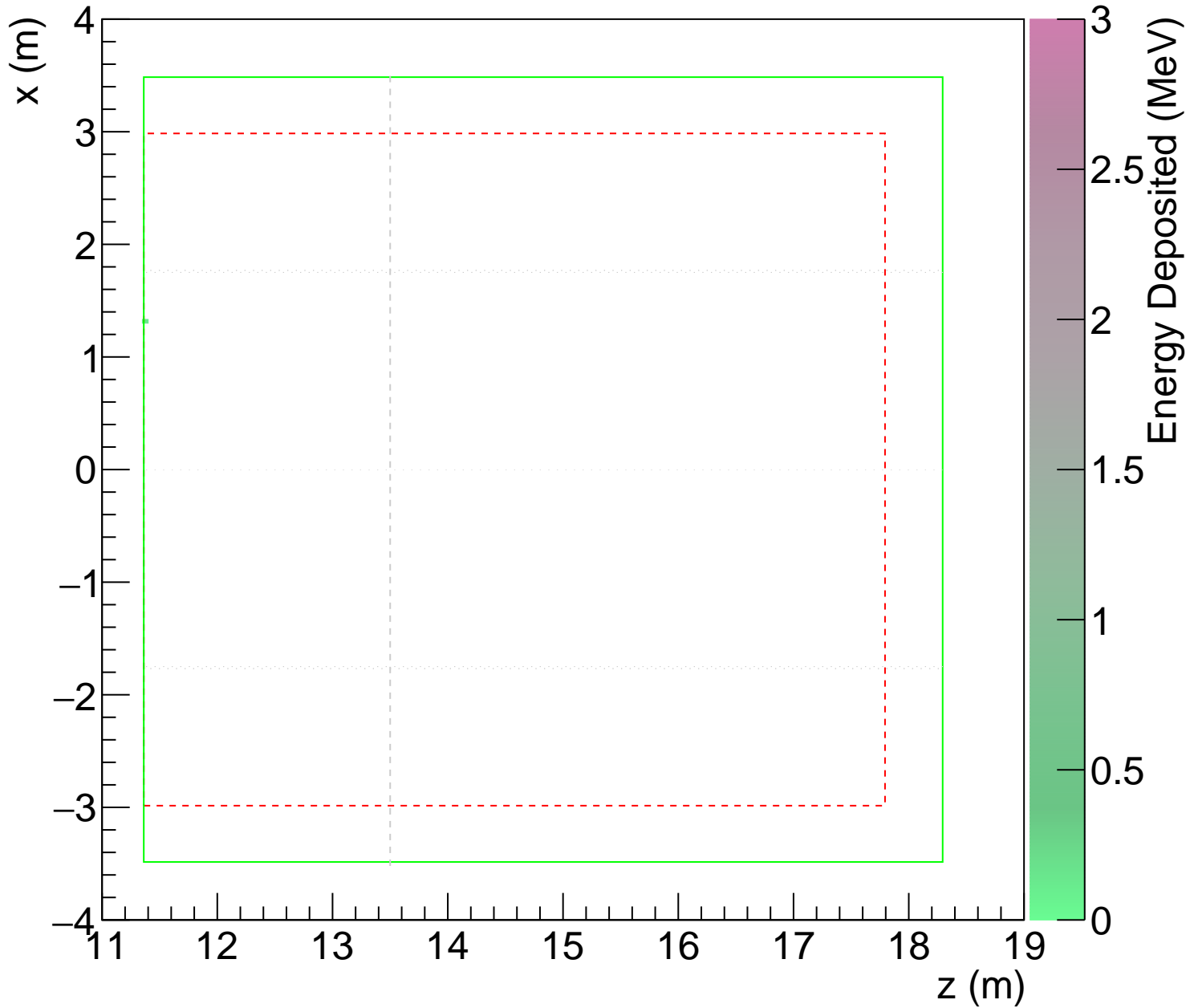


# Event 373 reconstructed

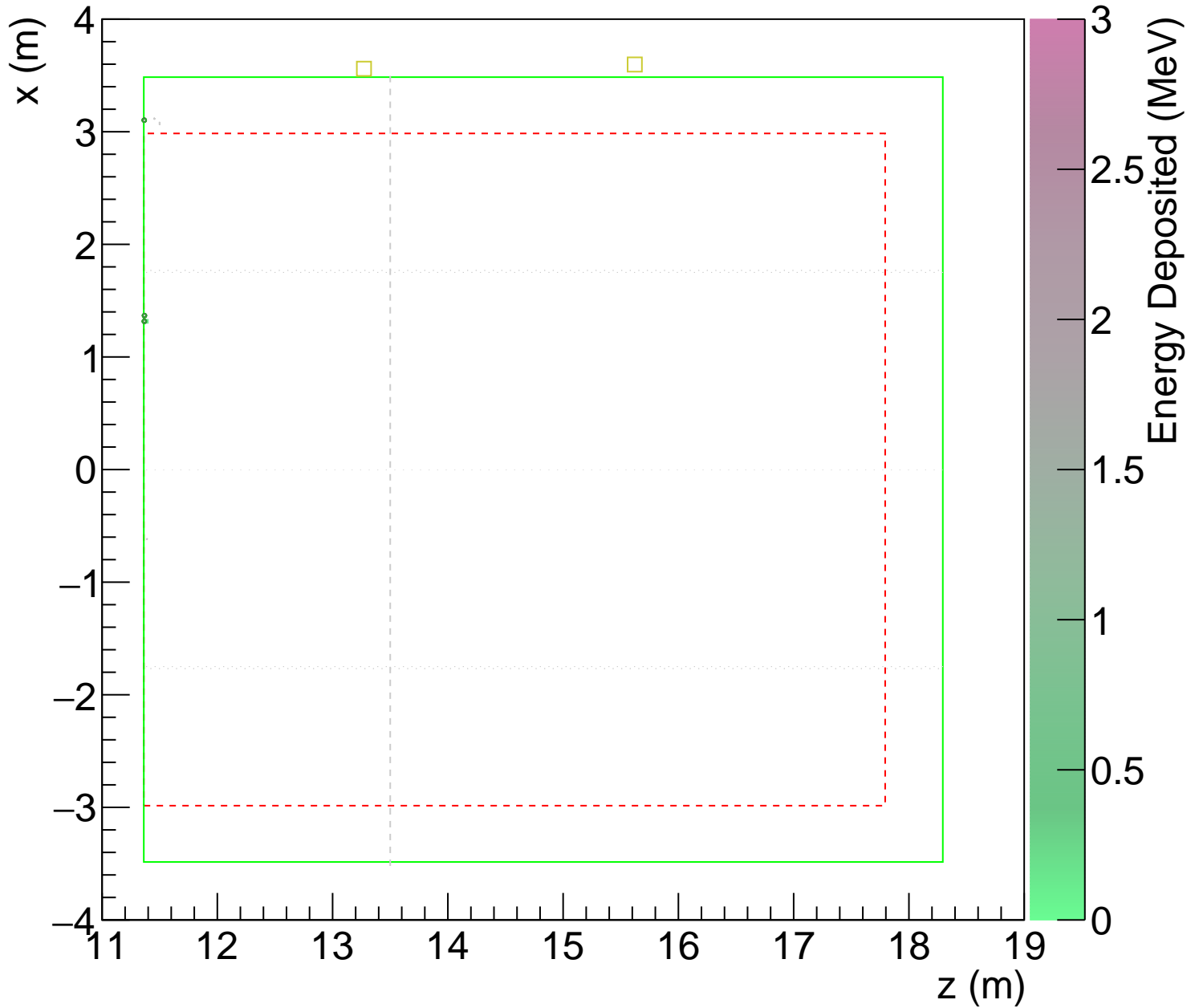
nLines: 0, nClusters: 0



Event 374, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.51$  GeV,  $E_{\mu}^{\text{true}}=1.26$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



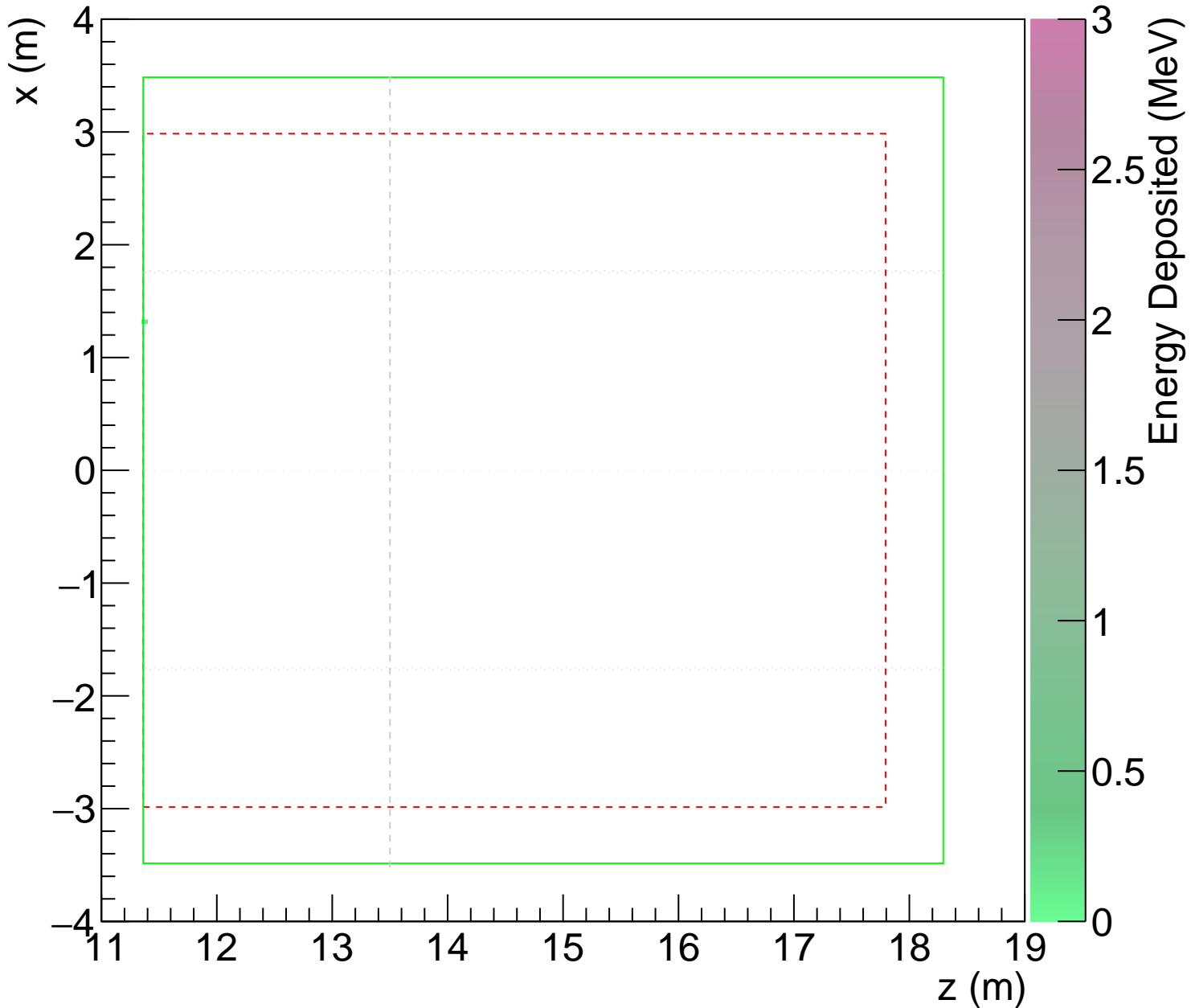
Event 374, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.51$  GeV,  $E_{\mu}^{\text{true}}=1.26$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



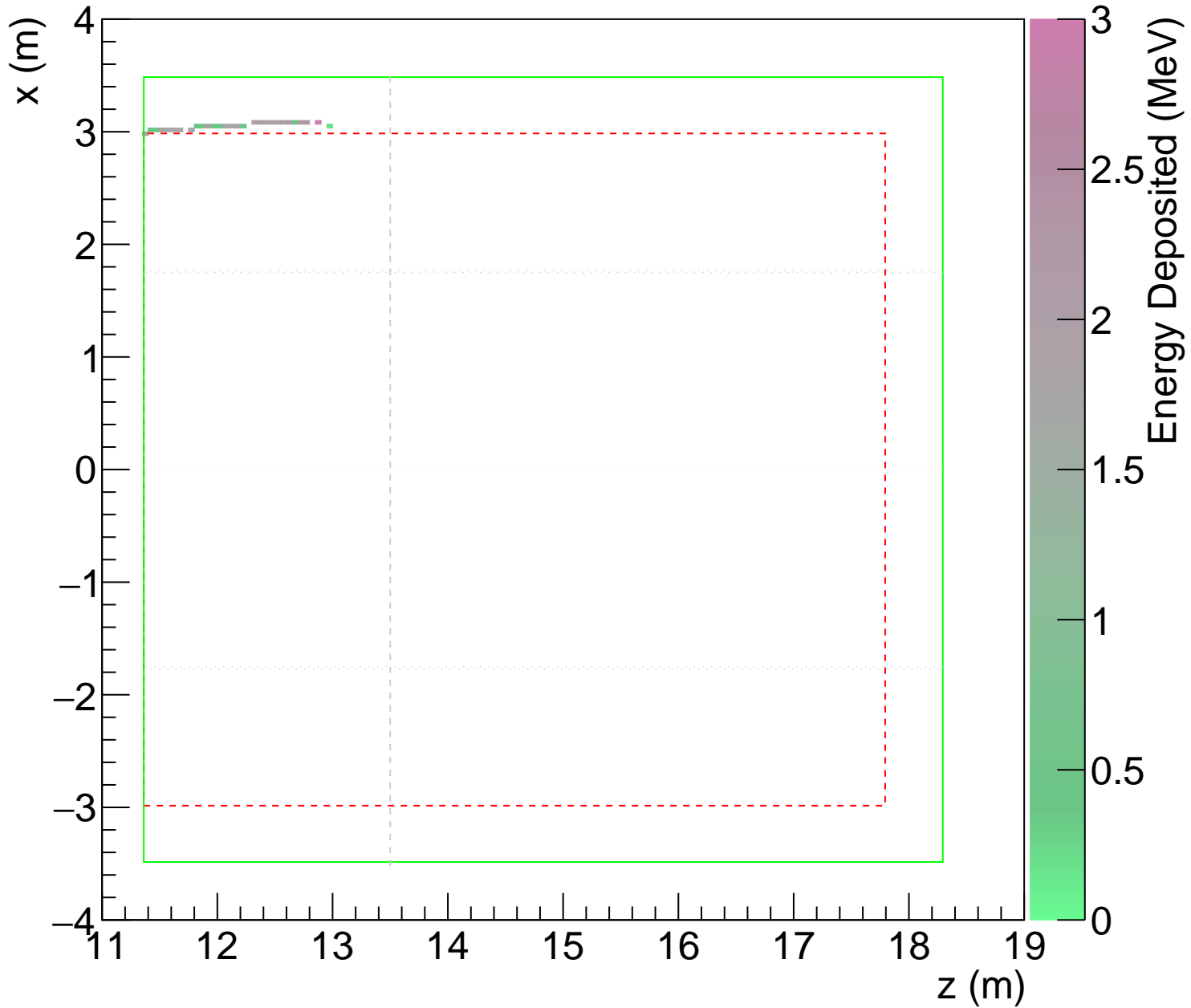


# Event 374 reconstructed

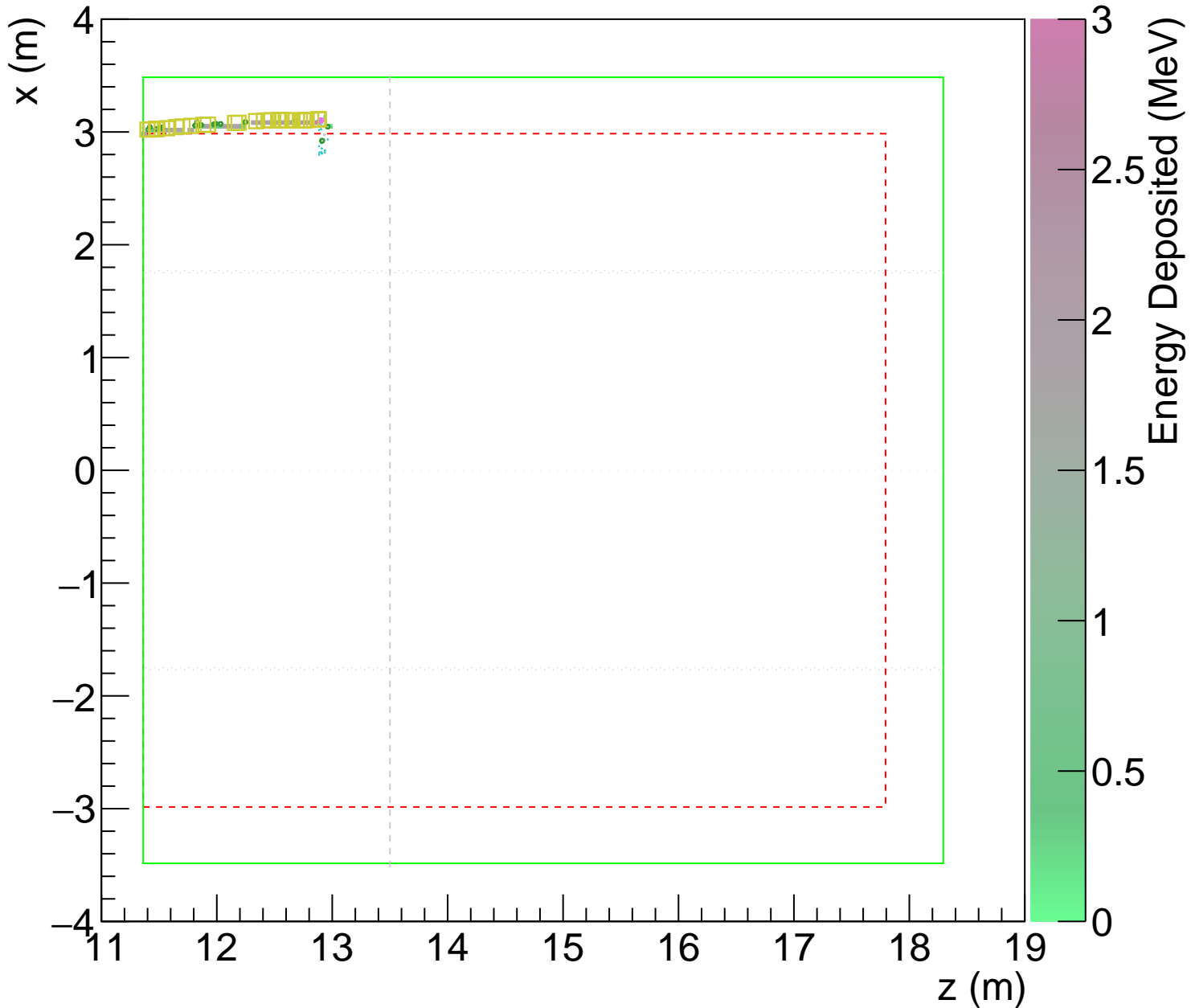
nLines: 0, nClusters: 0



Event 375, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.02$  GeV,  $E_{\mu}^{\text{true}}=1.78$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

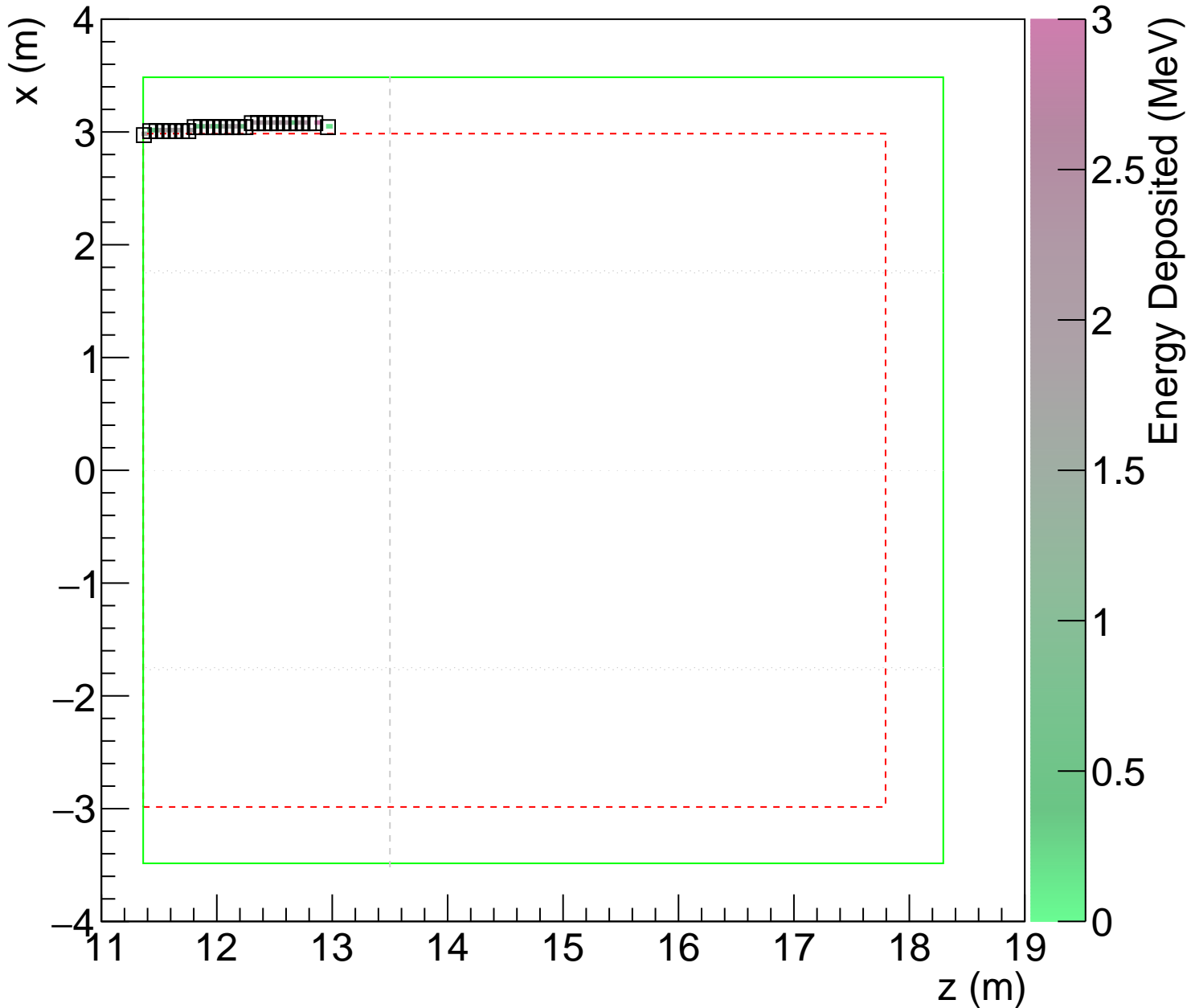


Event 375, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.02$  GeV,  $E_{\mu}^{\text{true}}=1.78$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

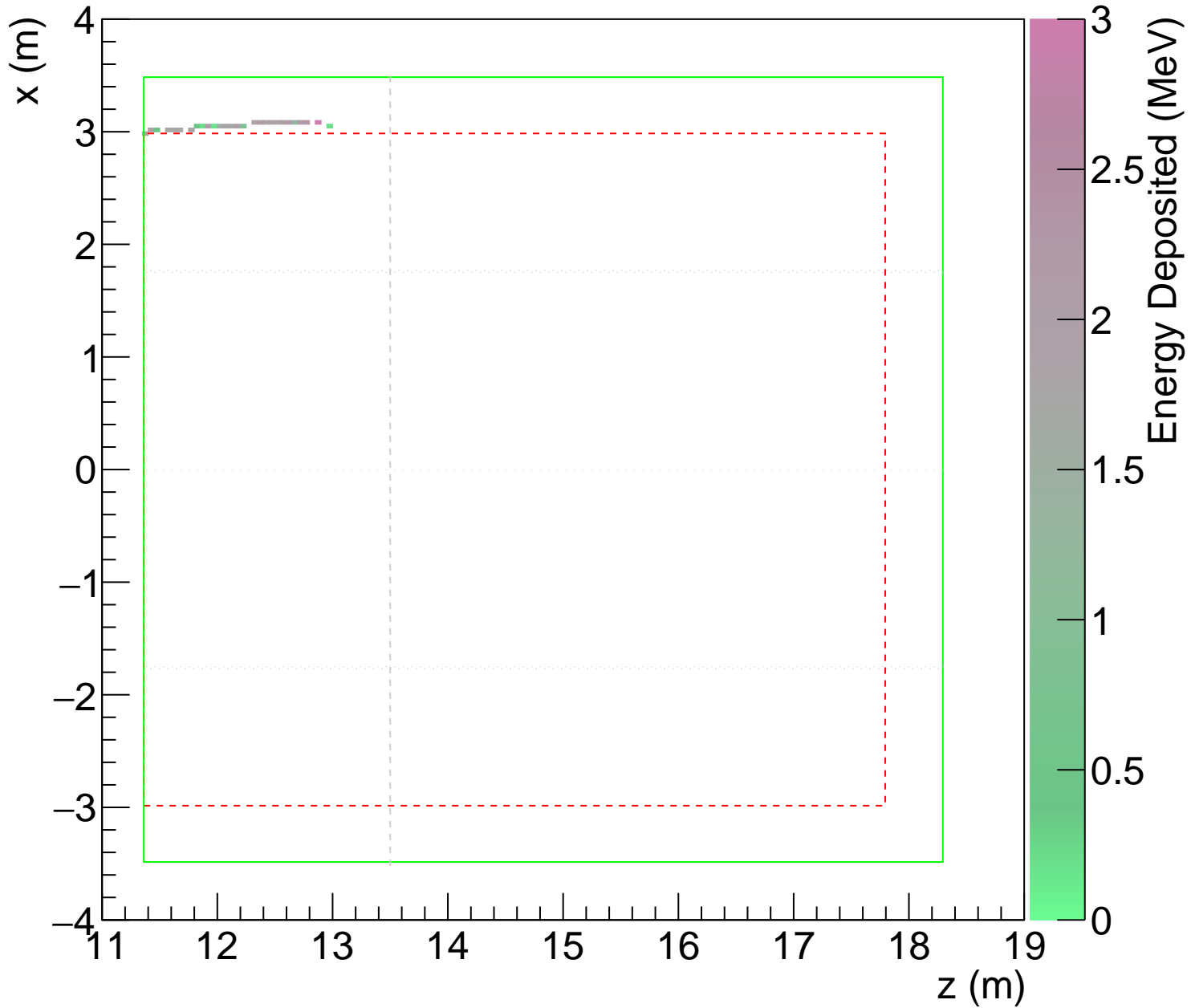


# Event 375 reconstructed

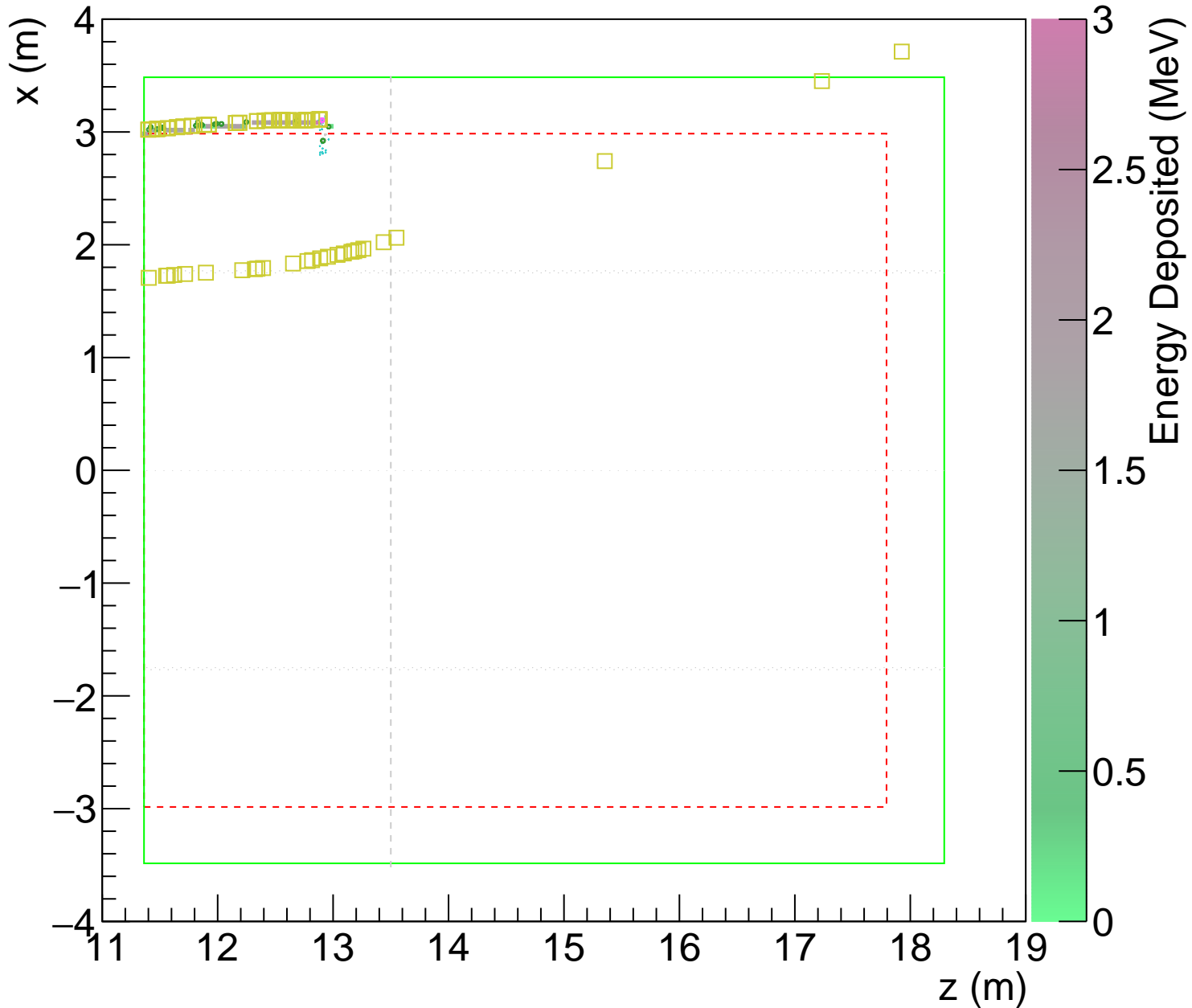
nLines: 1, nClusters: 0



Event 376, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.46$  GeV,  $E_{\mu}^{\text{true}}=2.31$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:12,

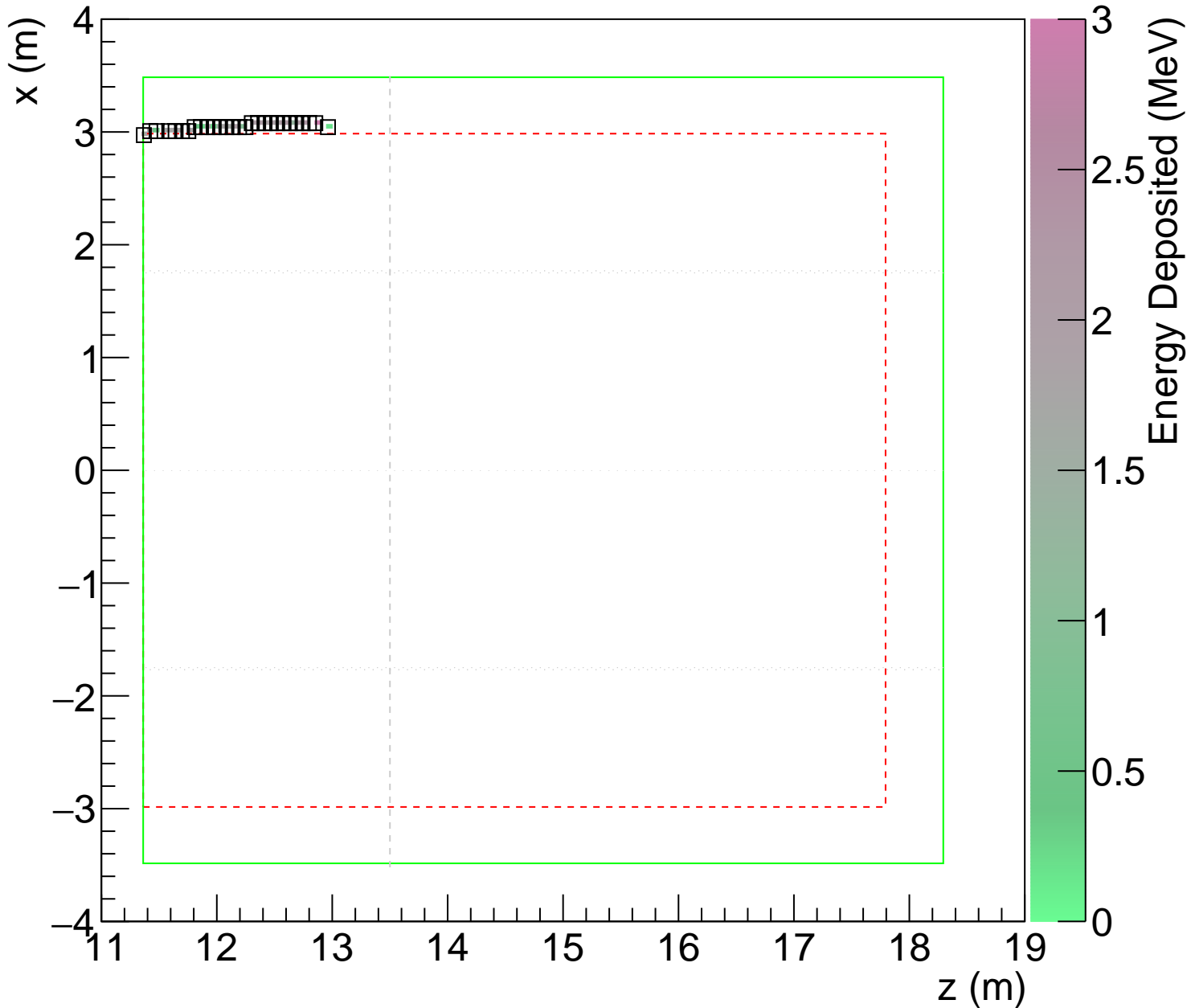


Event 376, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.46$  GeV,  $E_{\mu}^{\text{true}}=2.31$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:12,

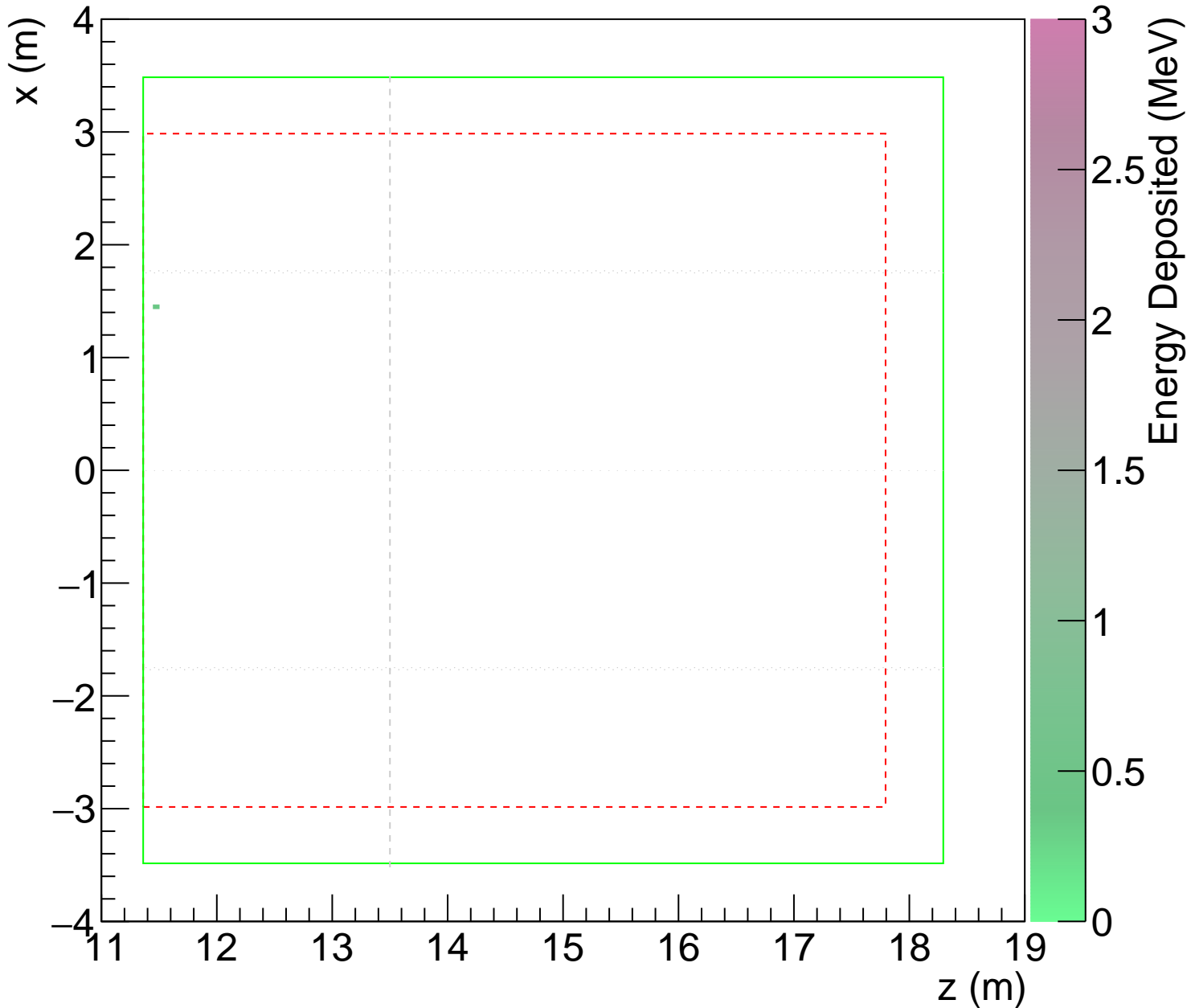


# Event 376 reconstructed

nLines: 1, nClusters: 0

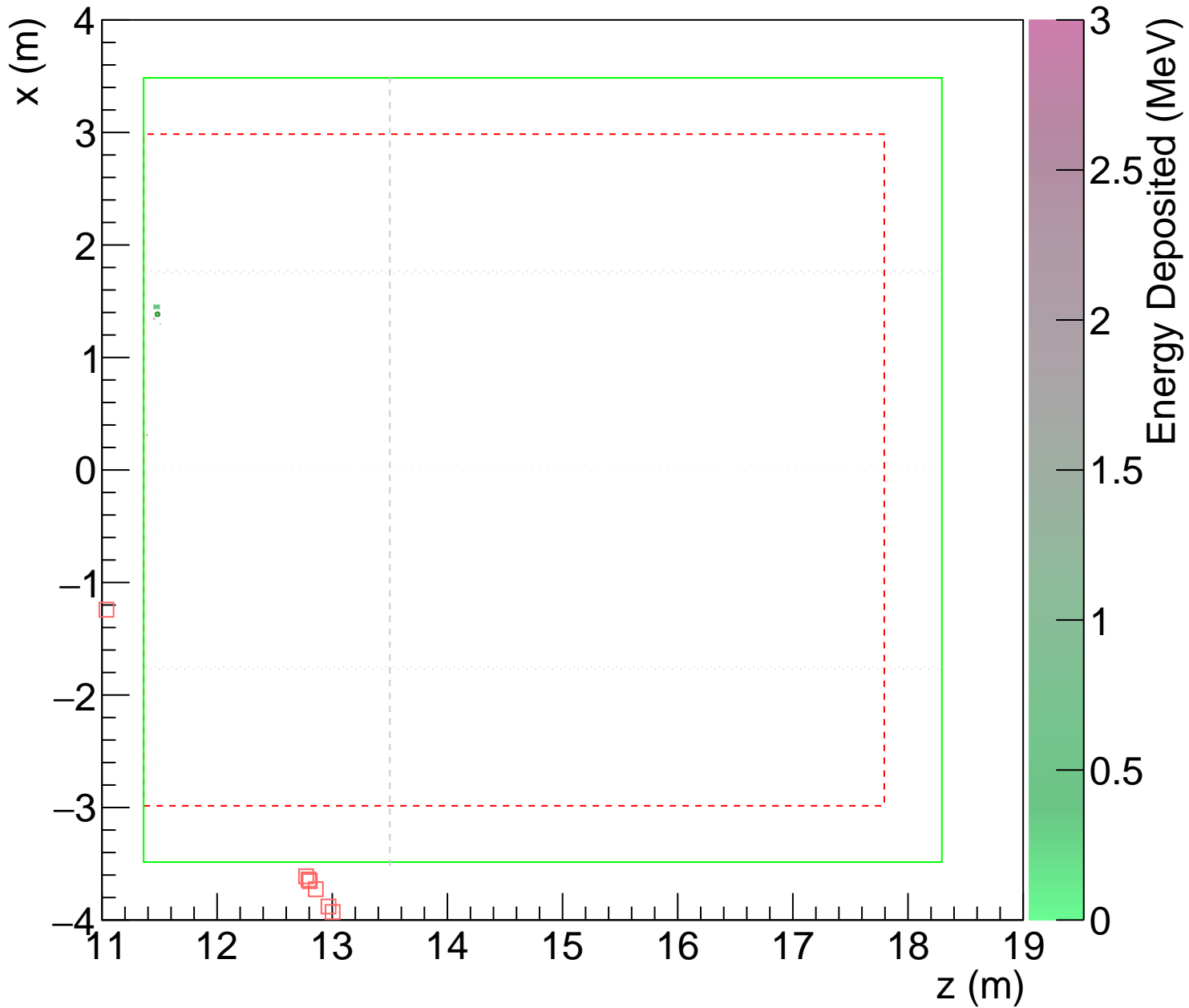


Event 378, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.96$  GeV,  $E_{\mu}^{\text{true}}=0.81$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



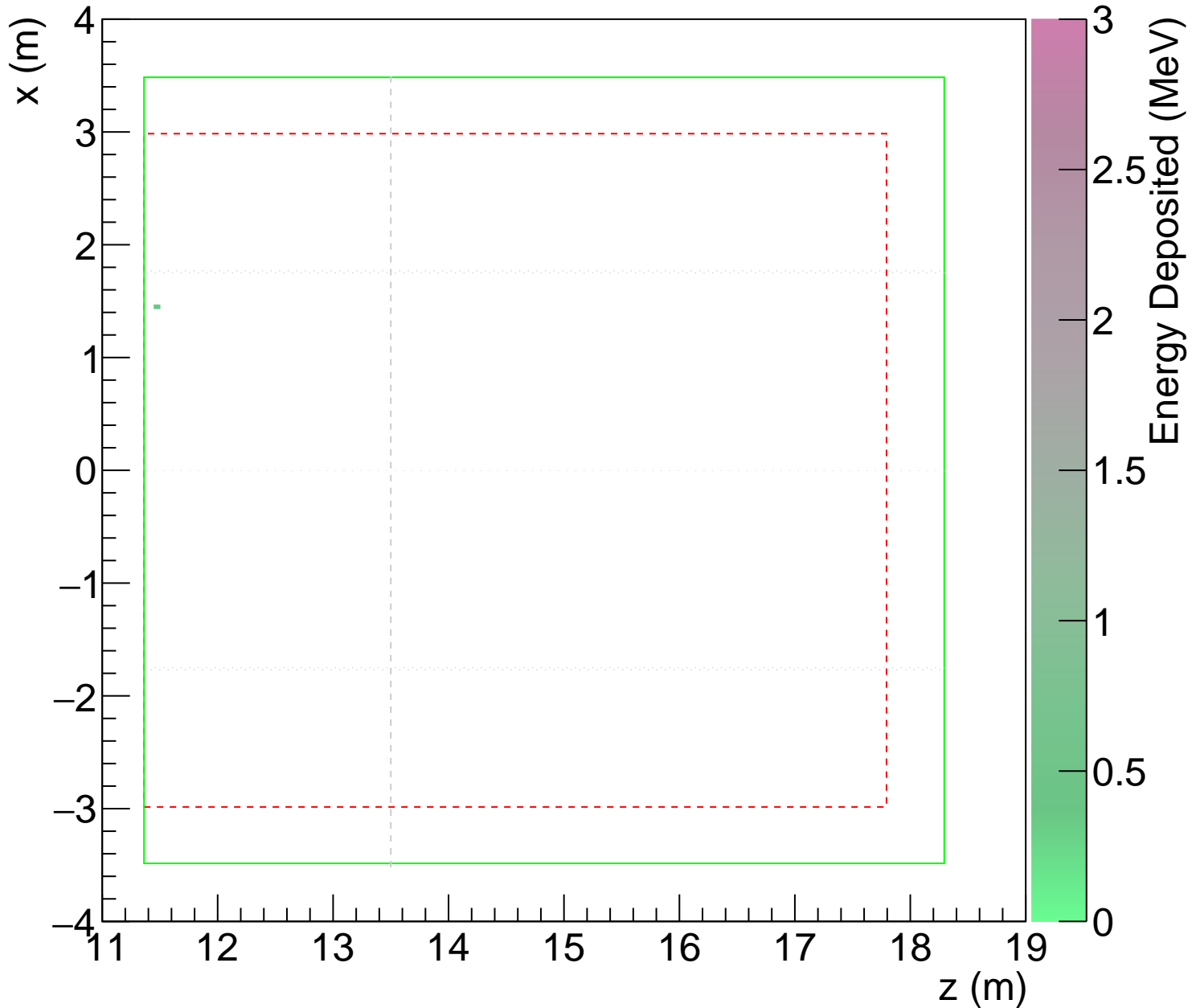


Event 378, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.96$  GeV,  $E_{\mu}^{\text{true}}=0.81$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

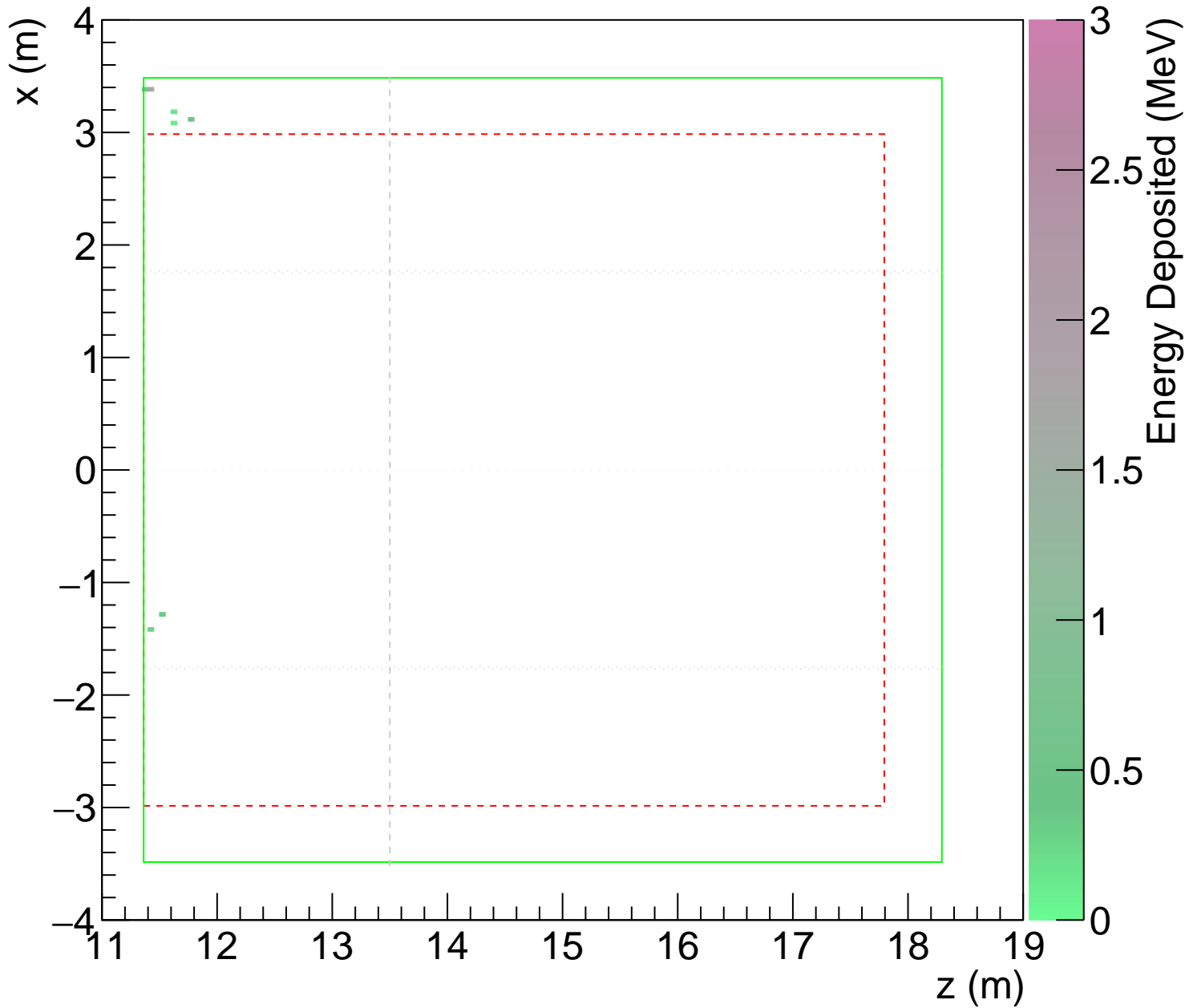


# Event 378 reconstructed

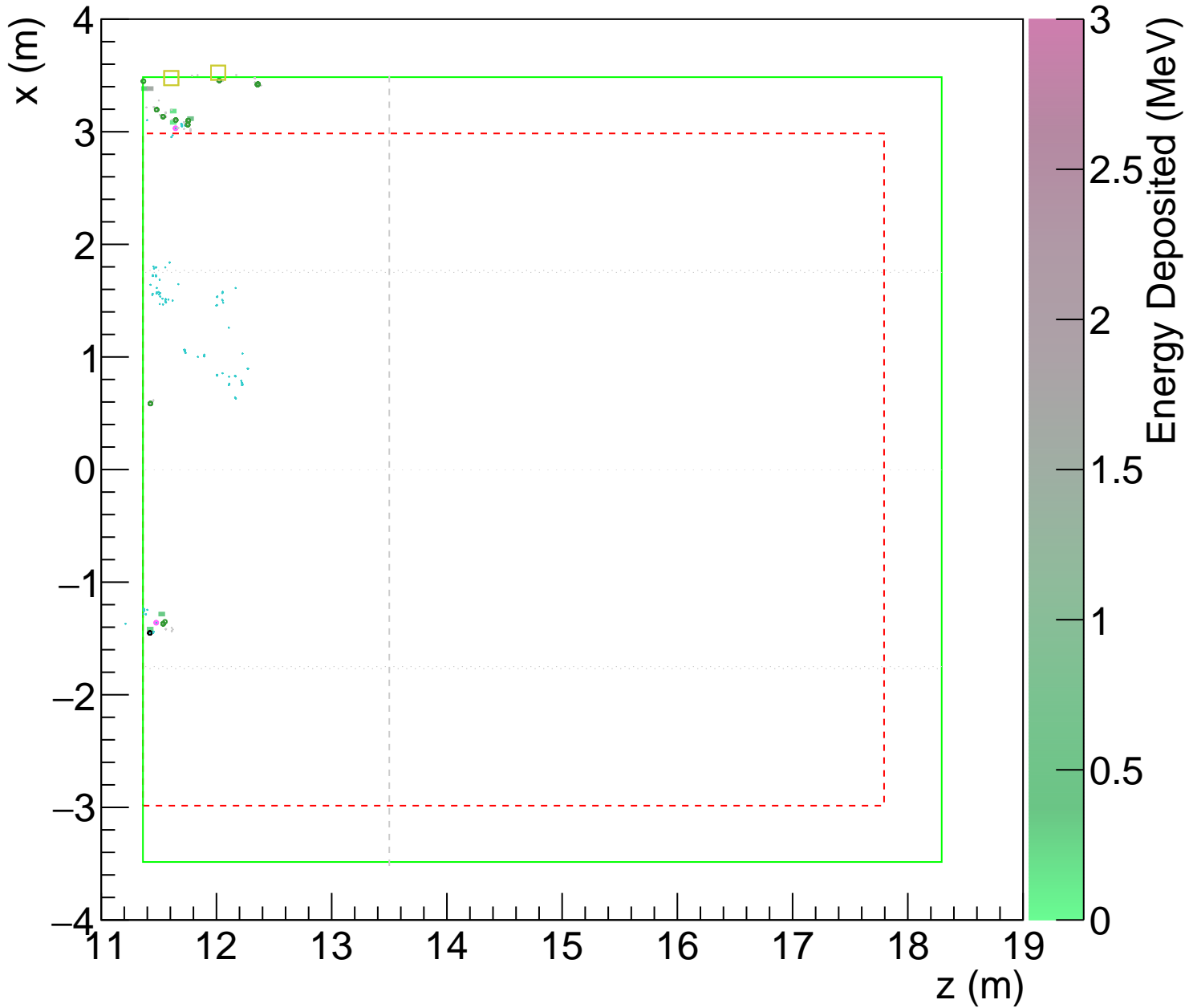
nLines: 0, nClusters: 0



Event 379, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.48$  GeV,  $E_{\mu}^{\text{true}}=8.05$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:10,

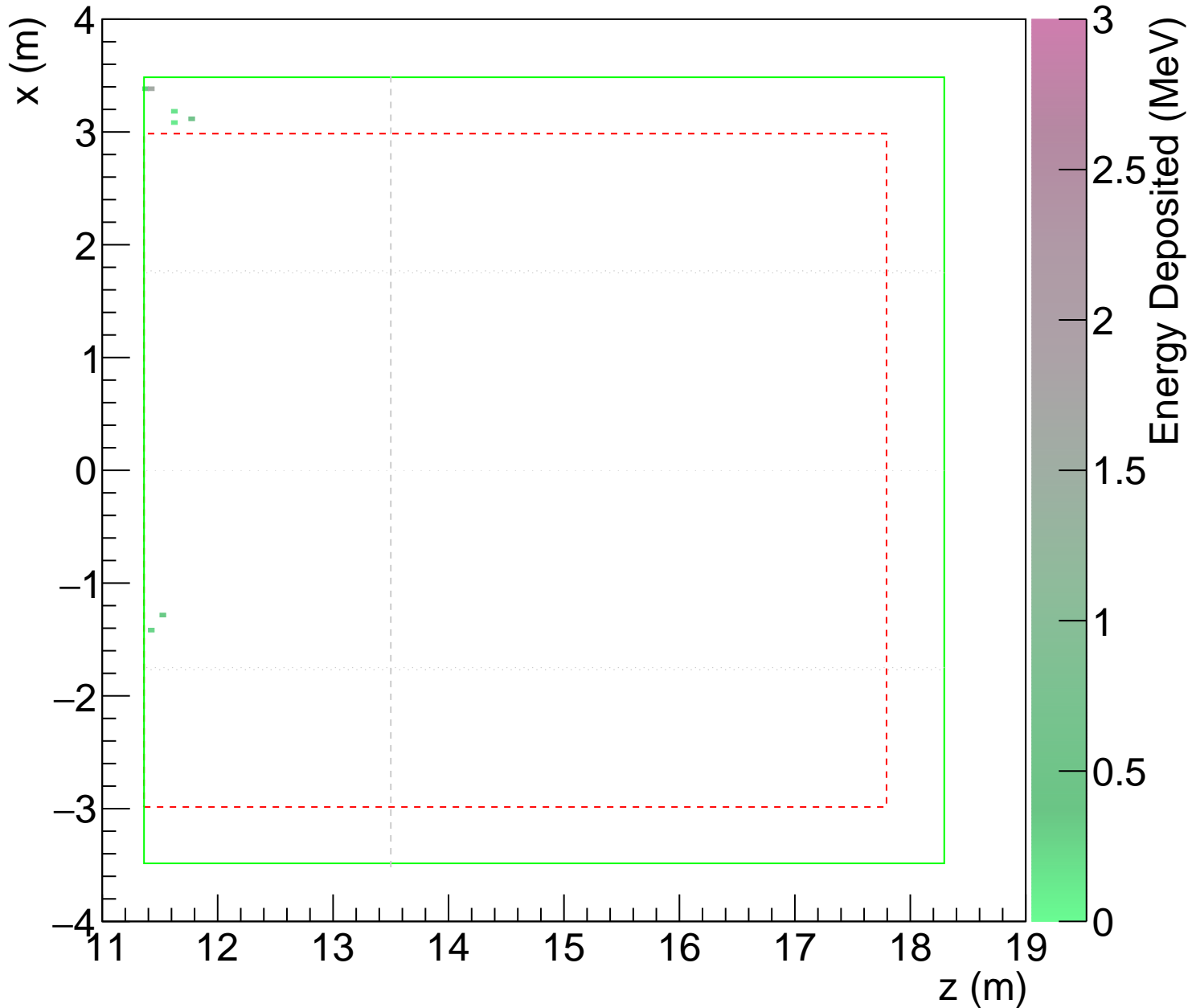


Event 379, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.48$  GeV,  $E_{\mu}^{\text{true}}=8.05$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:10,

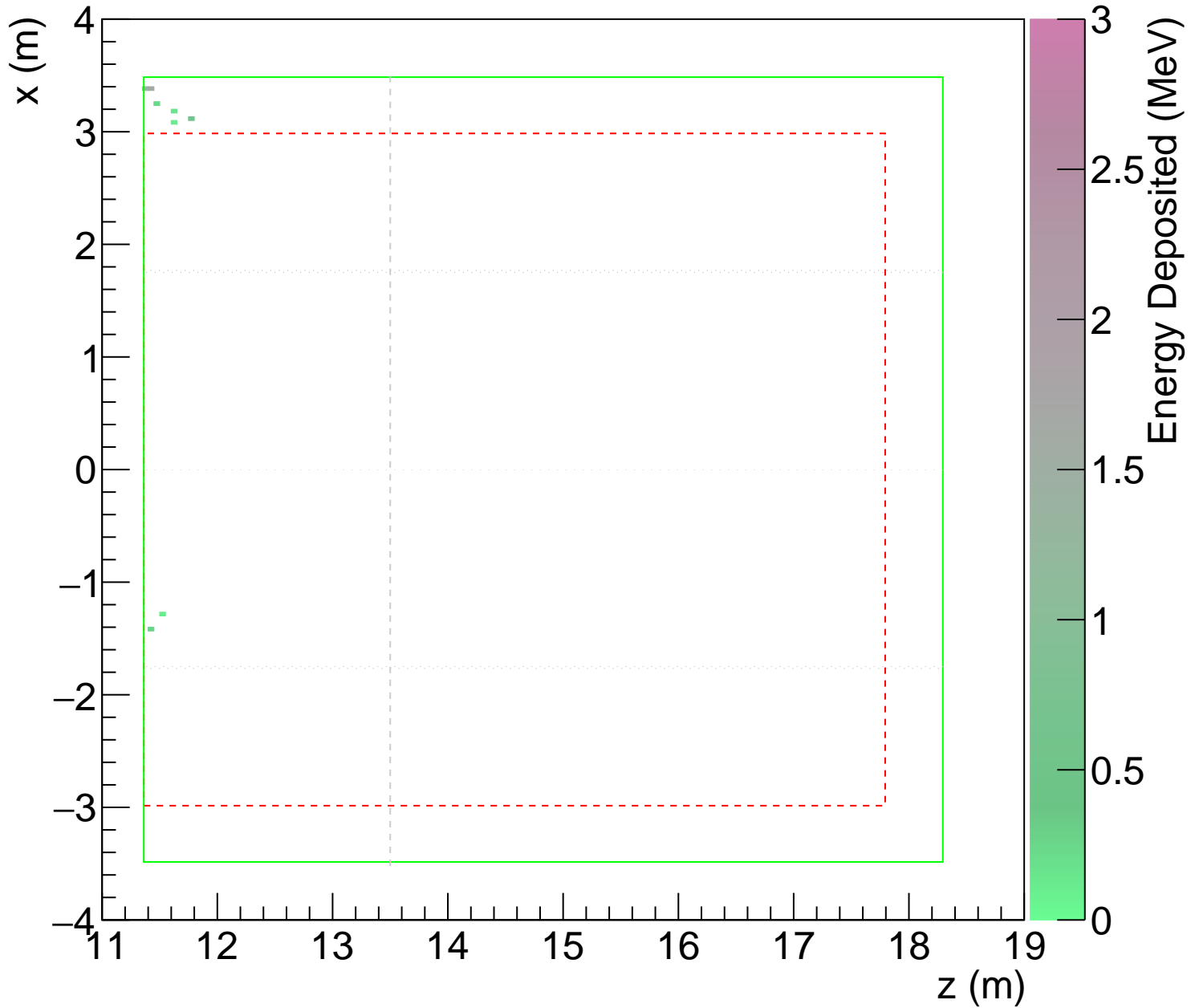


# Event 379 reconstructed

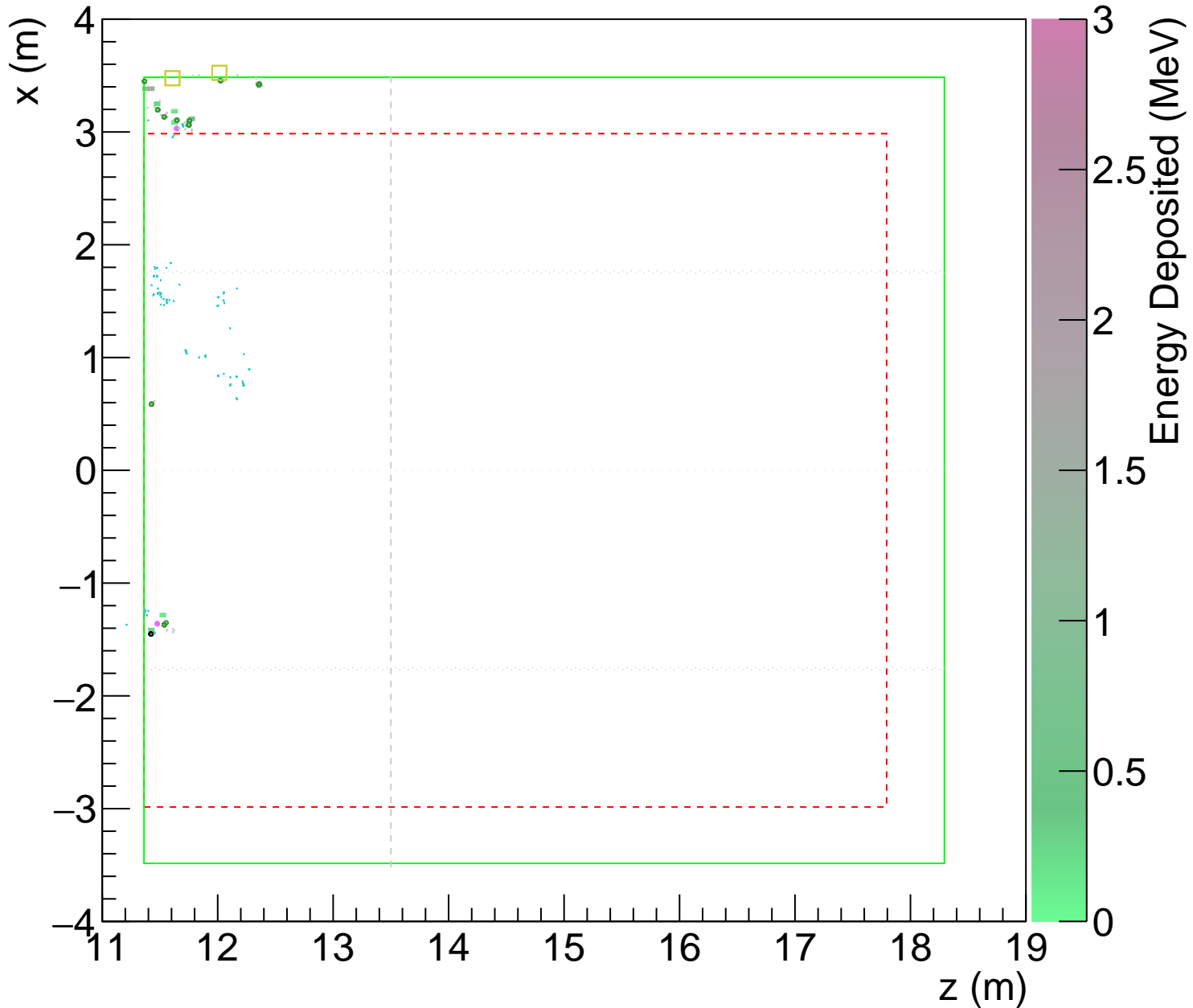
nLines: 0, nClusters: 0



Event 380, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.49$  GeV,  $E_{\mu}^{\text{true}}=8.05$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:8,

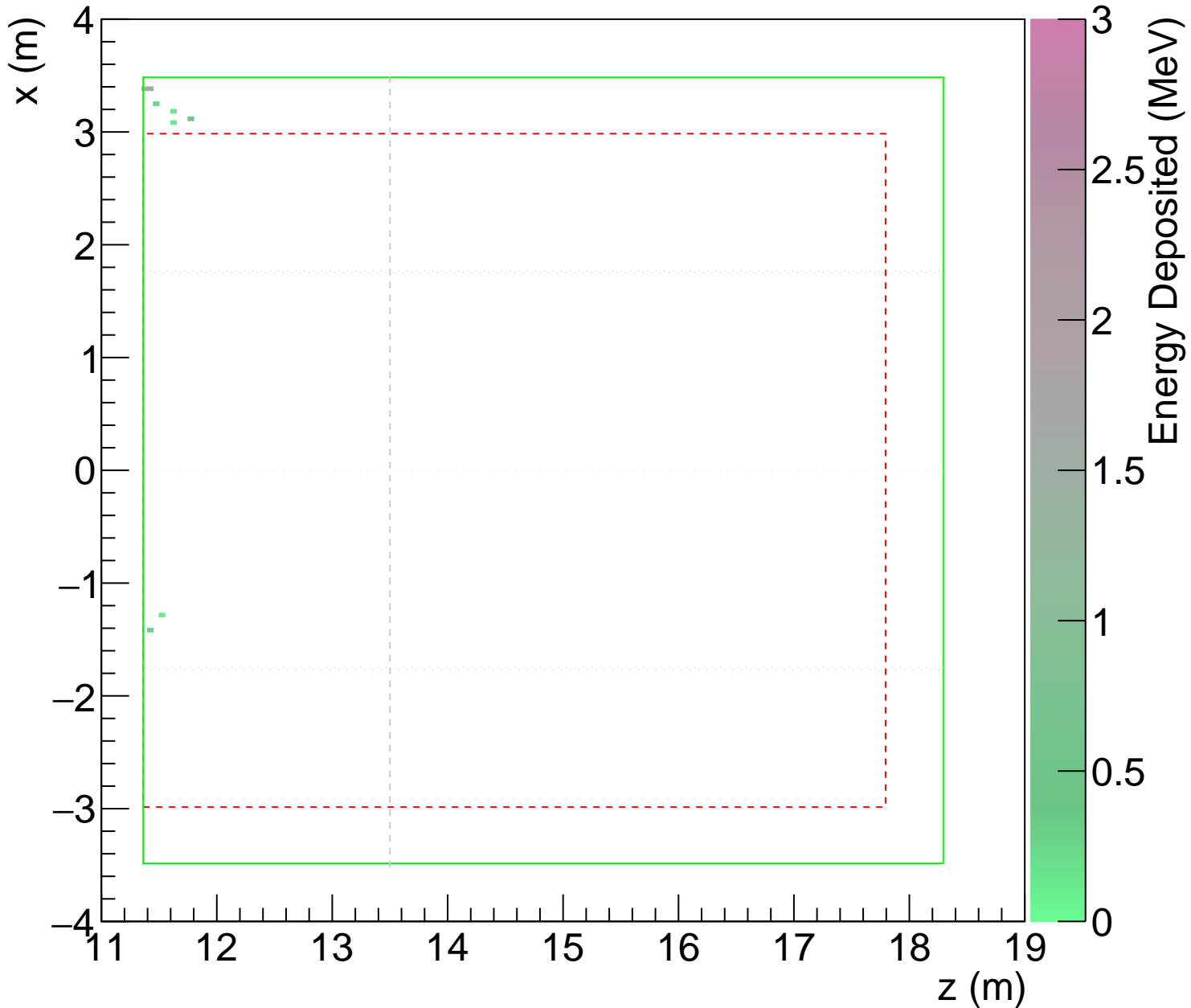


Event 380, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.49$  GeV,  $E_{\mu}^{\text{true}}=8.05$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:8,



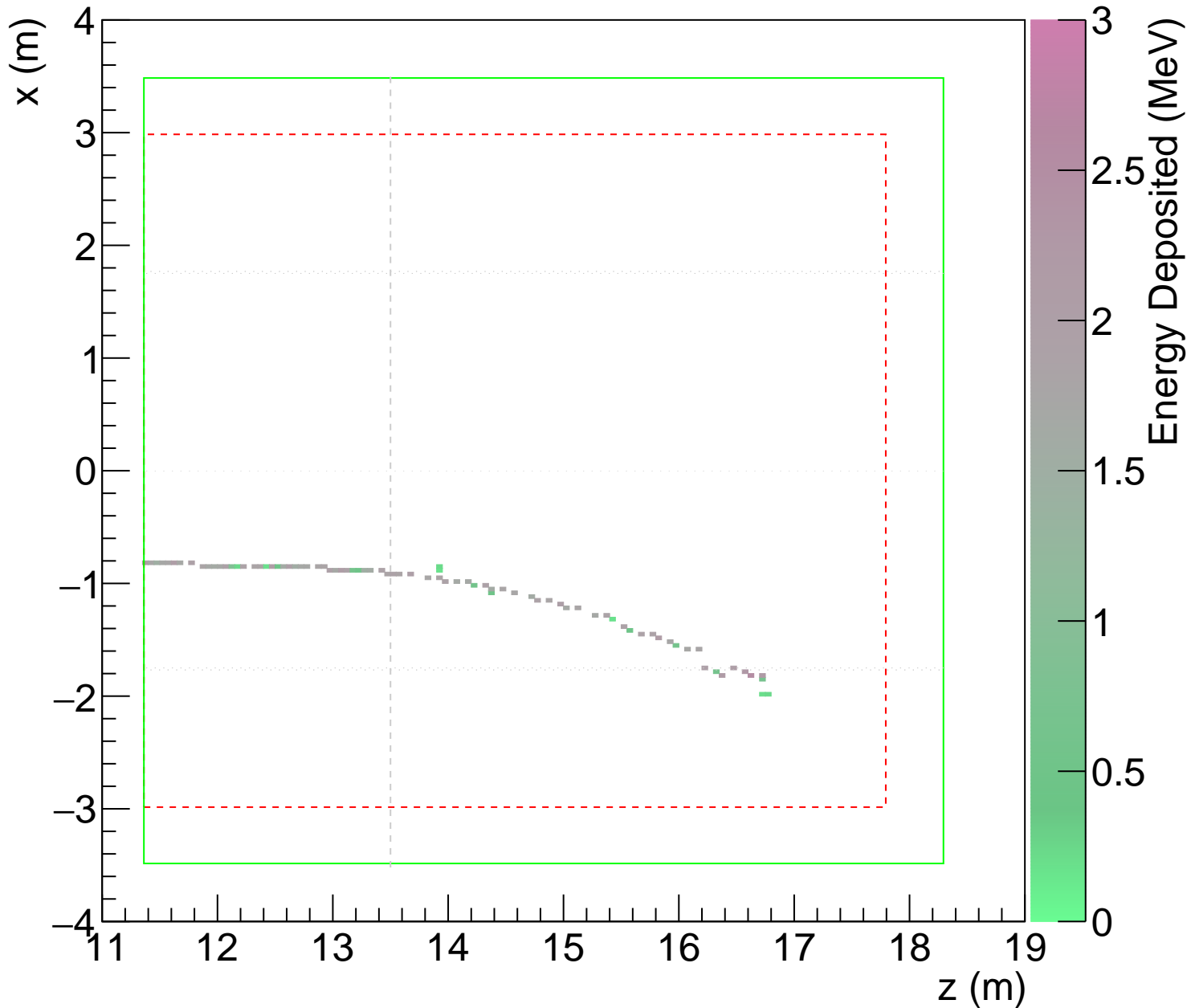
# Event 380 reconstructed

nLines: 0, nClusters: 0

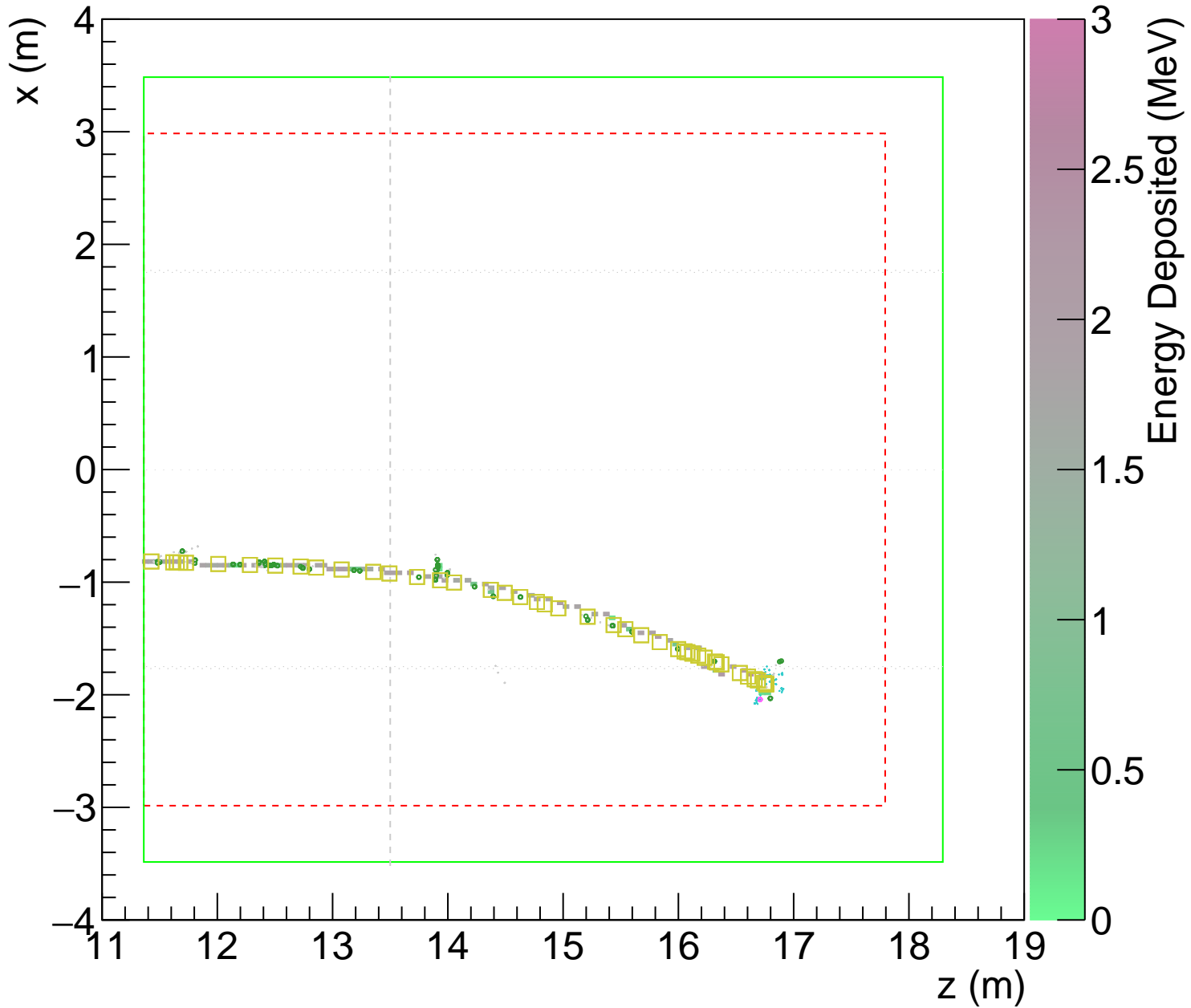




Event 382, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.83$  GeV,  $E_{\mu}^{\text{true}}=3.72$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

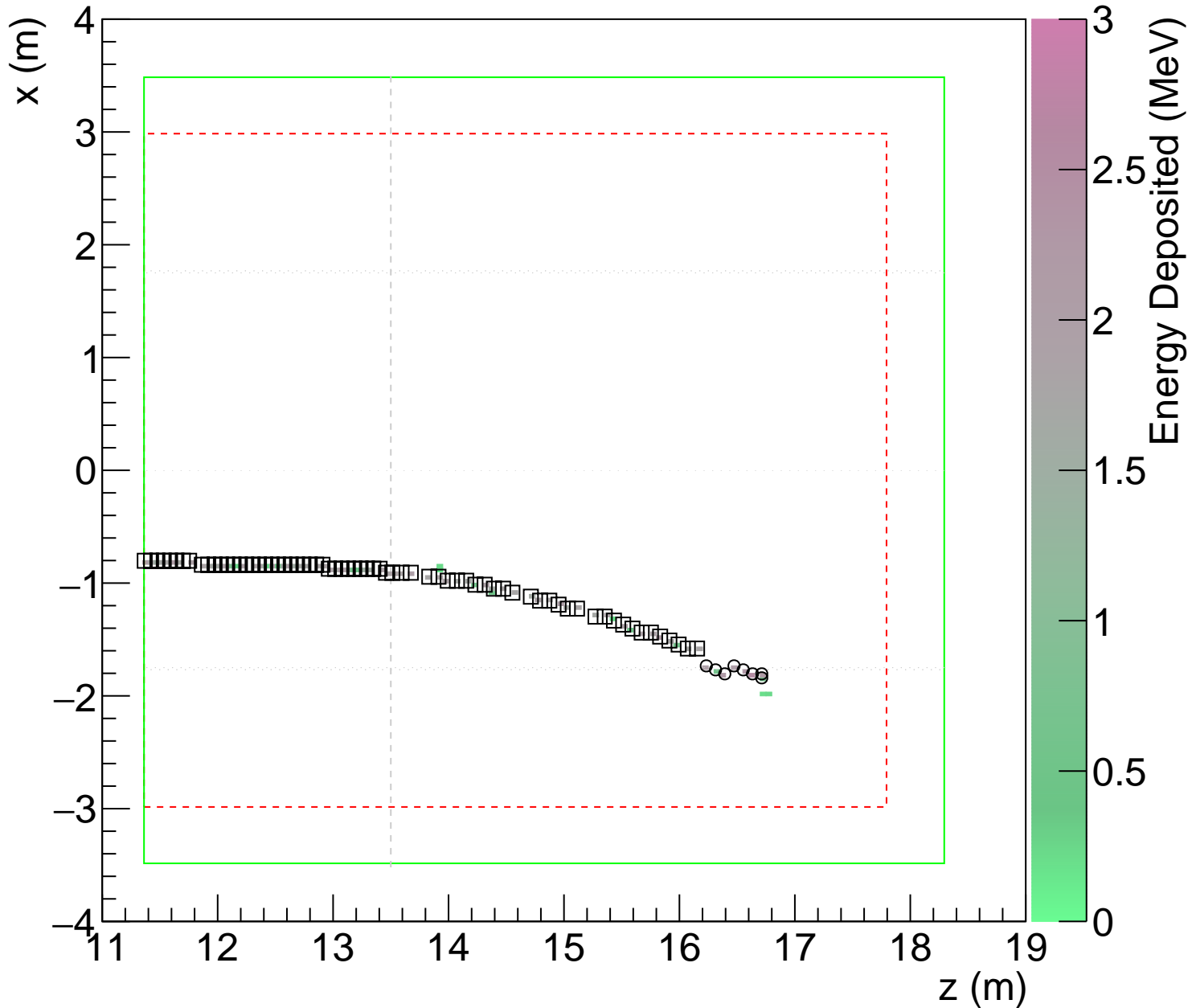


Event 382, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.83$  GeV,  $E_{\mu}^{\text{true}}=3.72$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

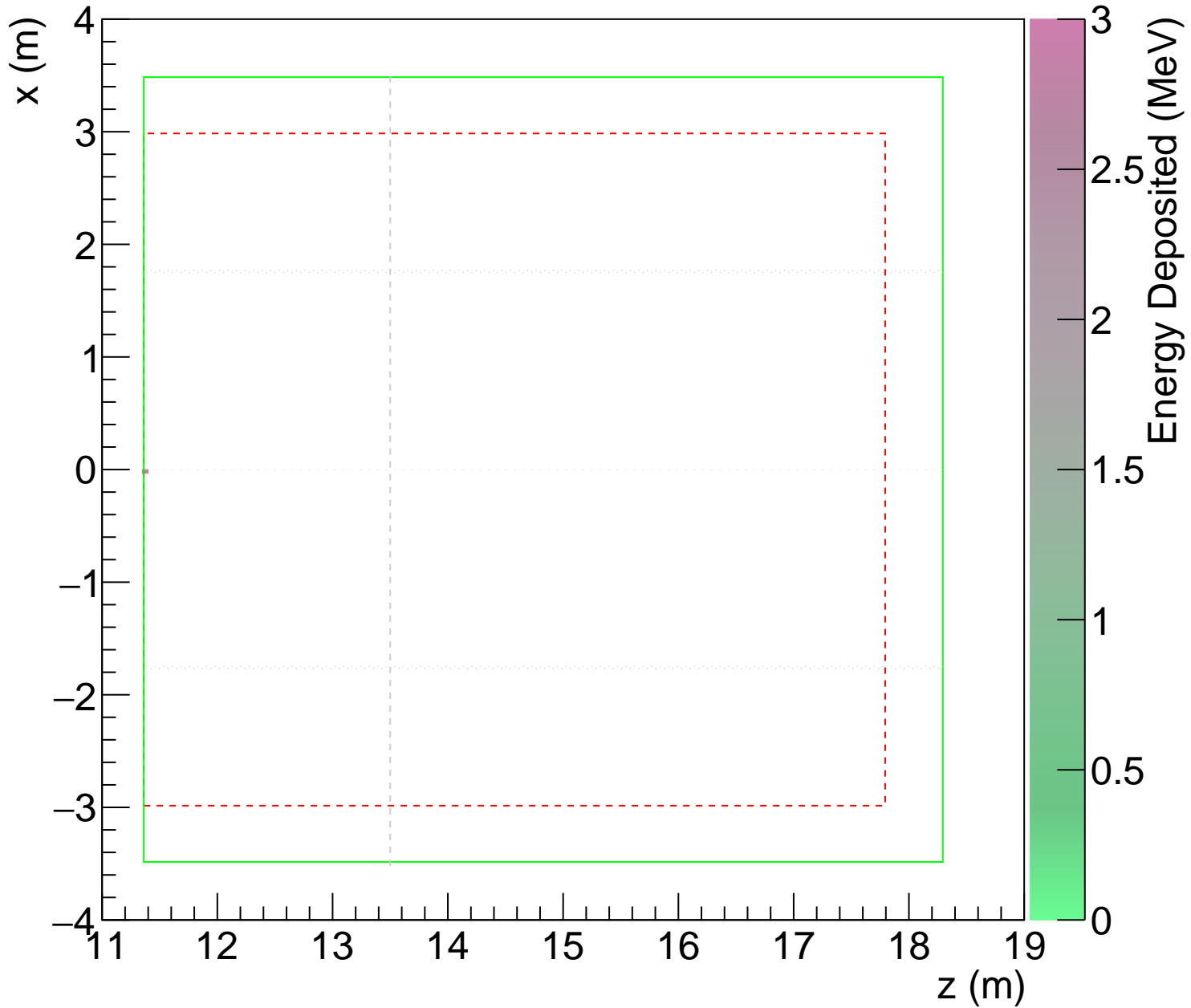


# Event 382 reconstructed

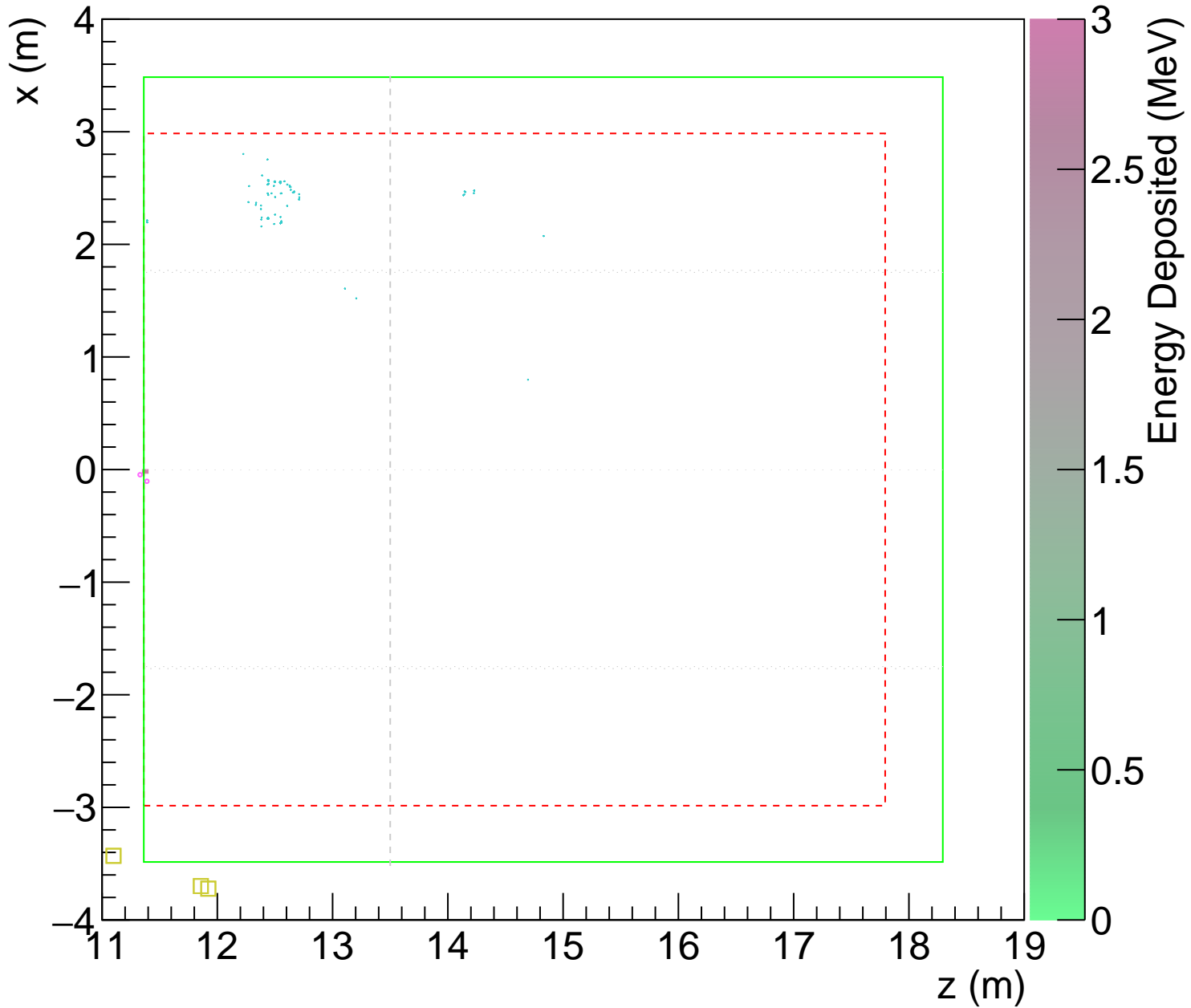
nLines: 1, nClusters: 1



Event 383, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.13$  GeV,  $E_{\mu}^{\text{true}}=1.69$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

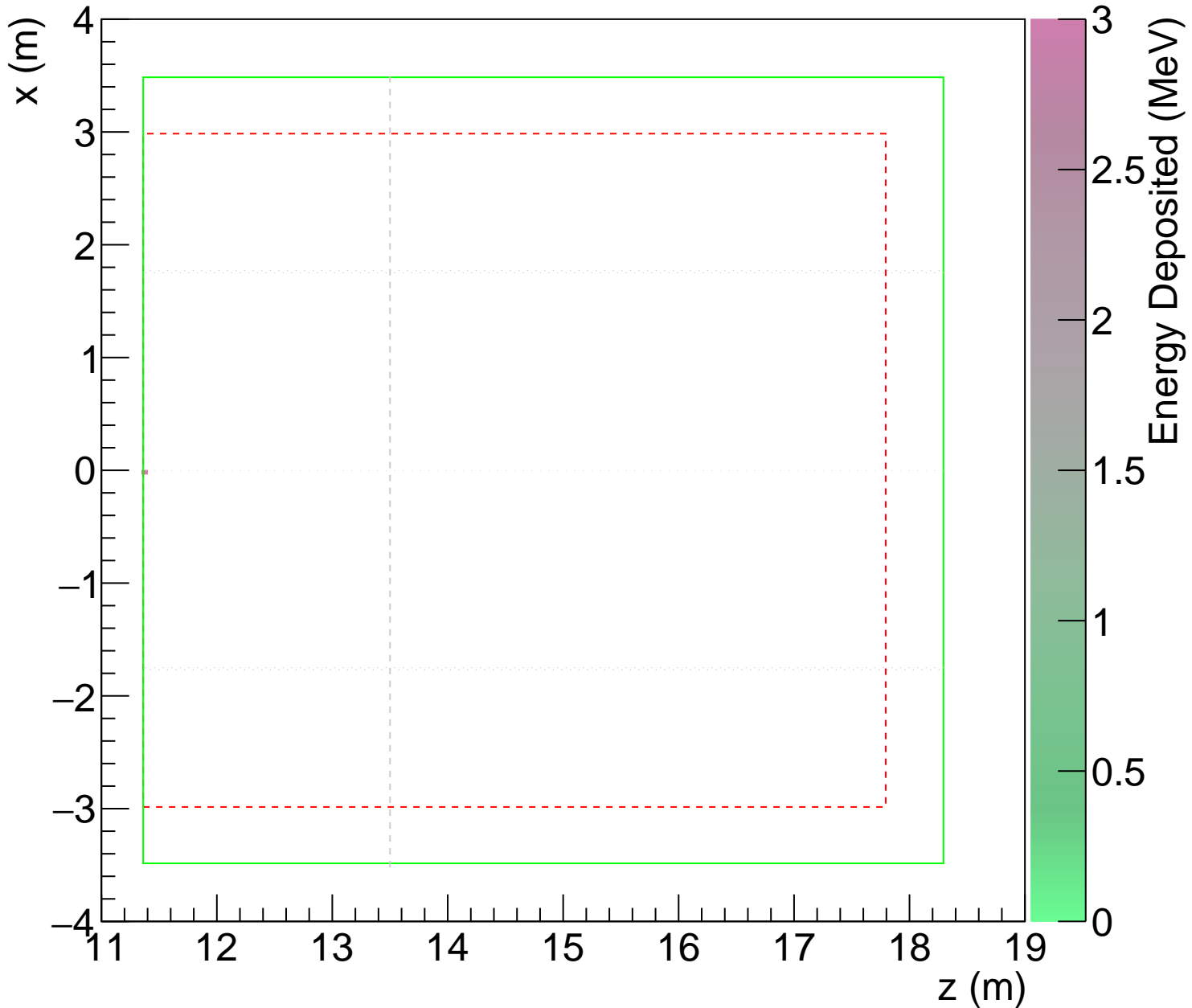


Event 383, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.13$  GeV,  $E_{\mu}^{\text{true}}=1.69$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

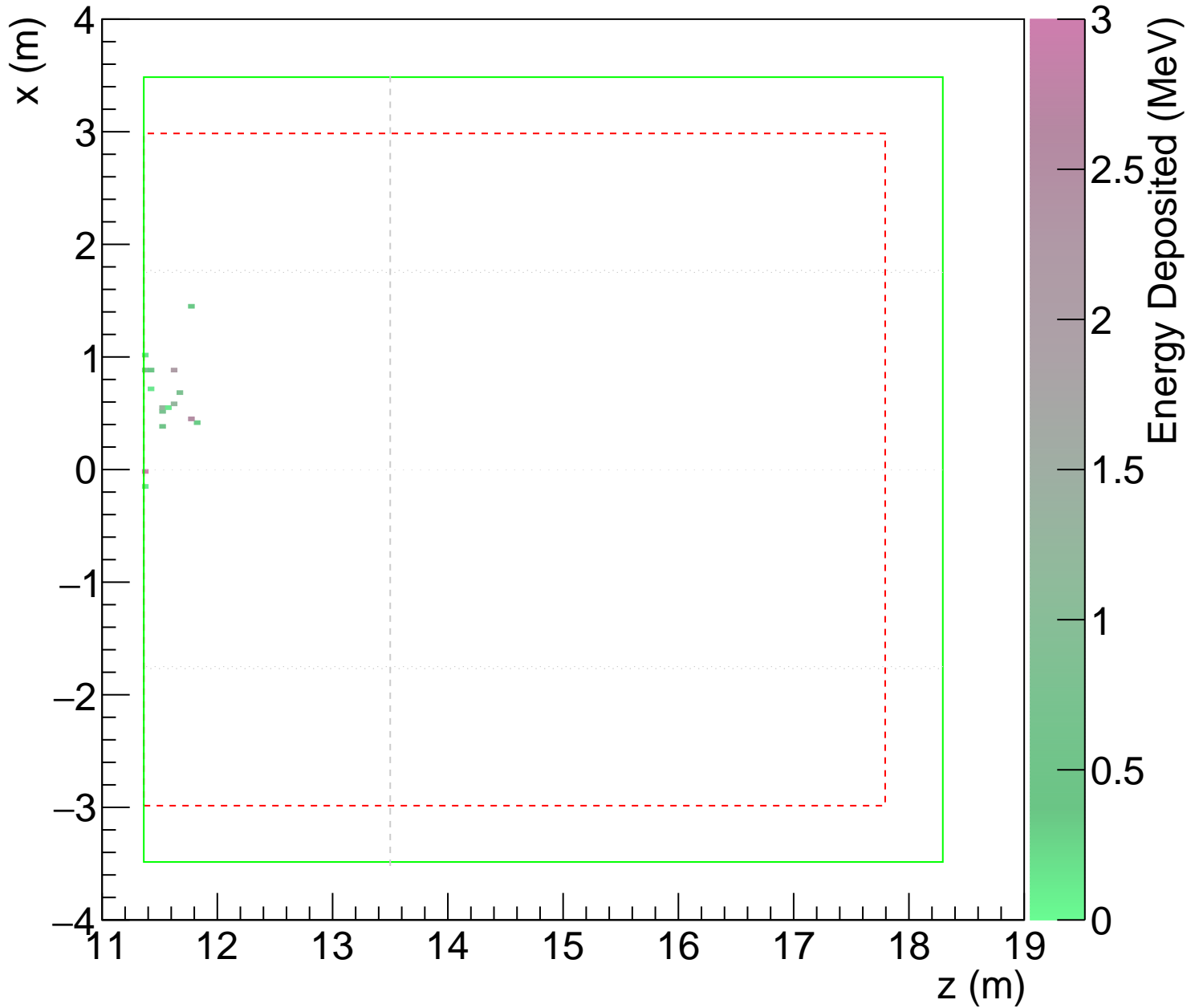


# Event 383 reconstructed

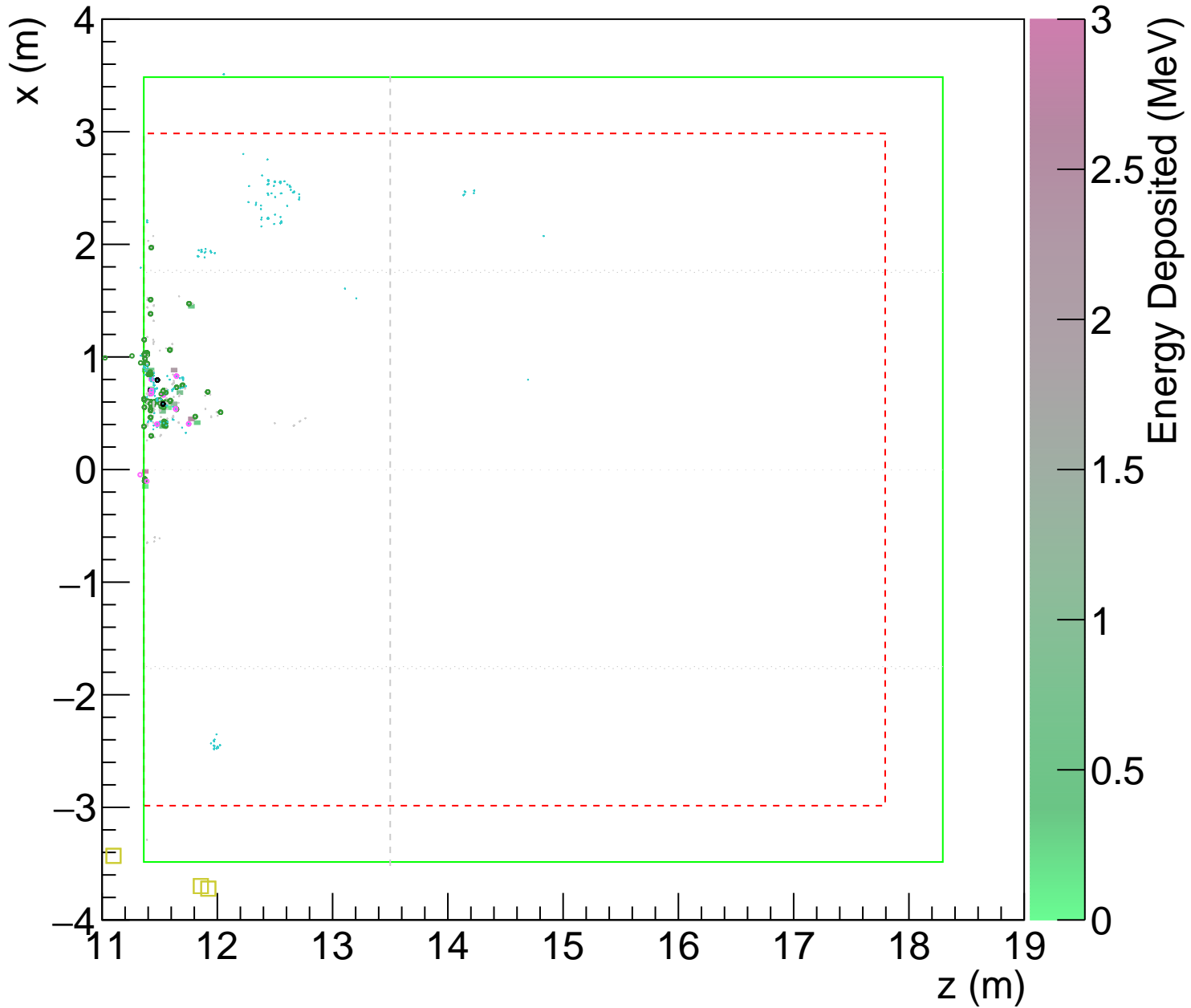
nLines: 0, nClusters: 0



Event 384, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=24.79$  GeV,  $E_{\mu}^{\text{true}}=1.69$  GeV  
nu:14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,



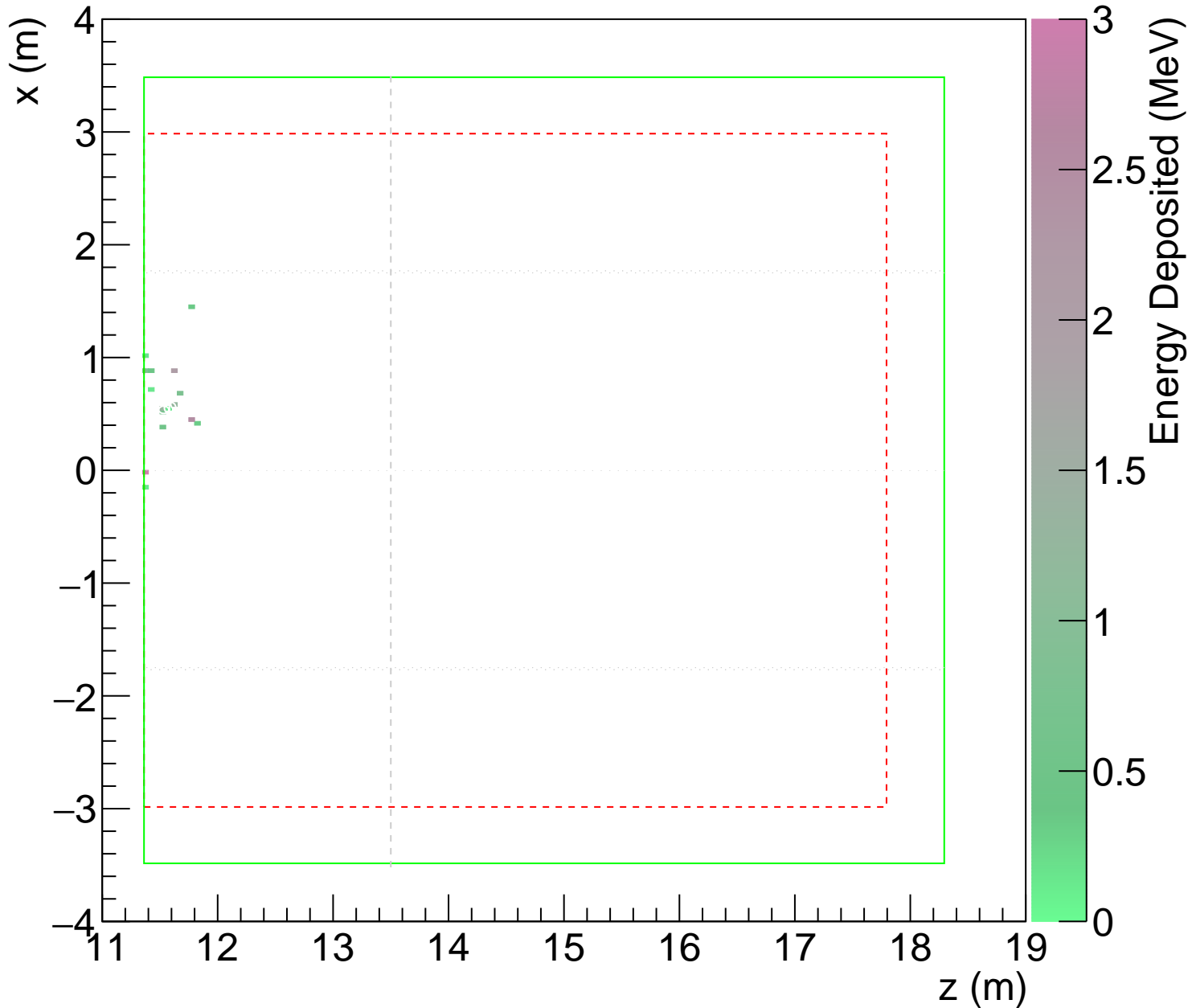
Event 384, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=24.79$  GeV,  $E_{\mu}^{\text{true}}=1.69$  GeV  
nu:14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,



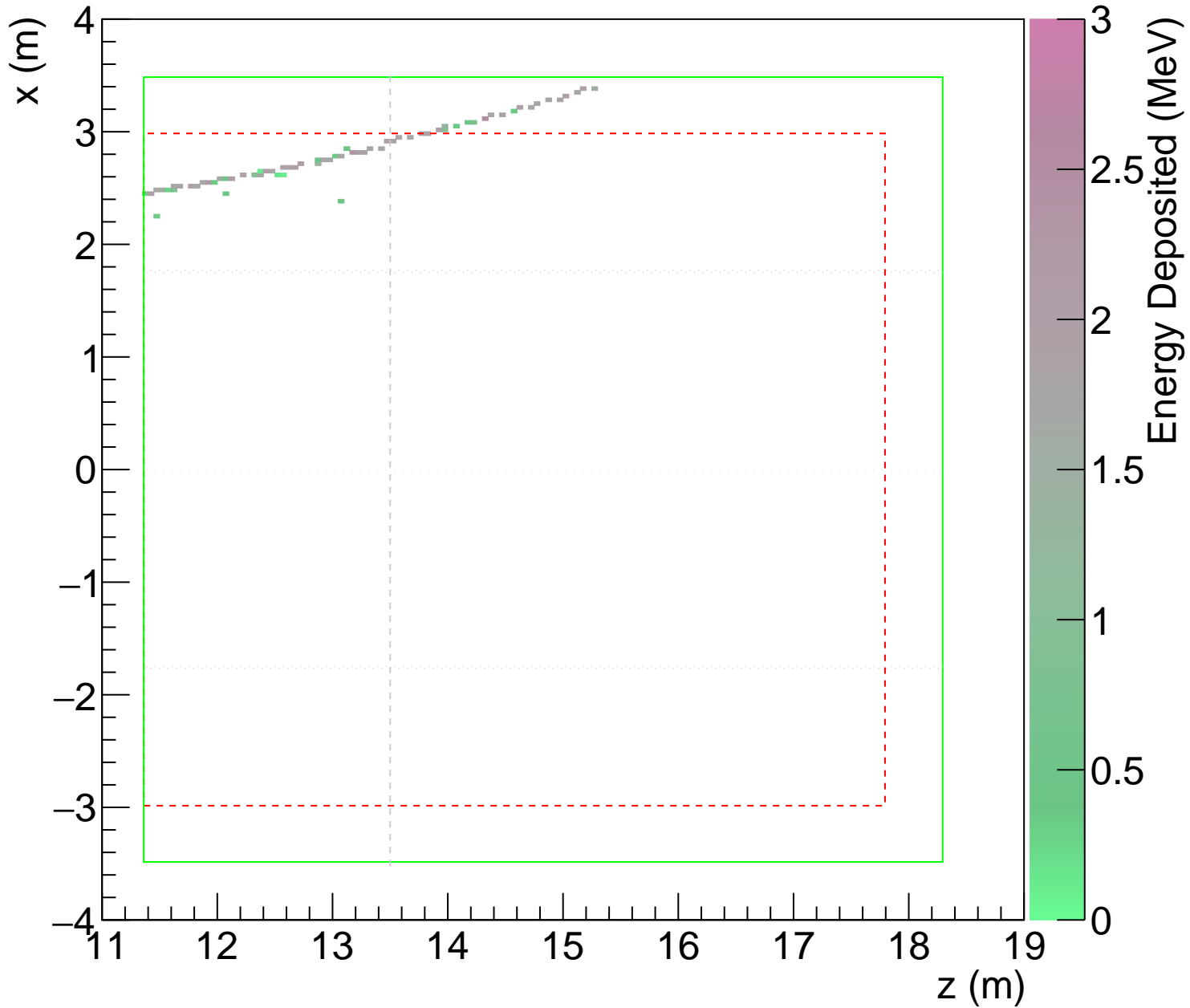


# Event 384 reconstructed

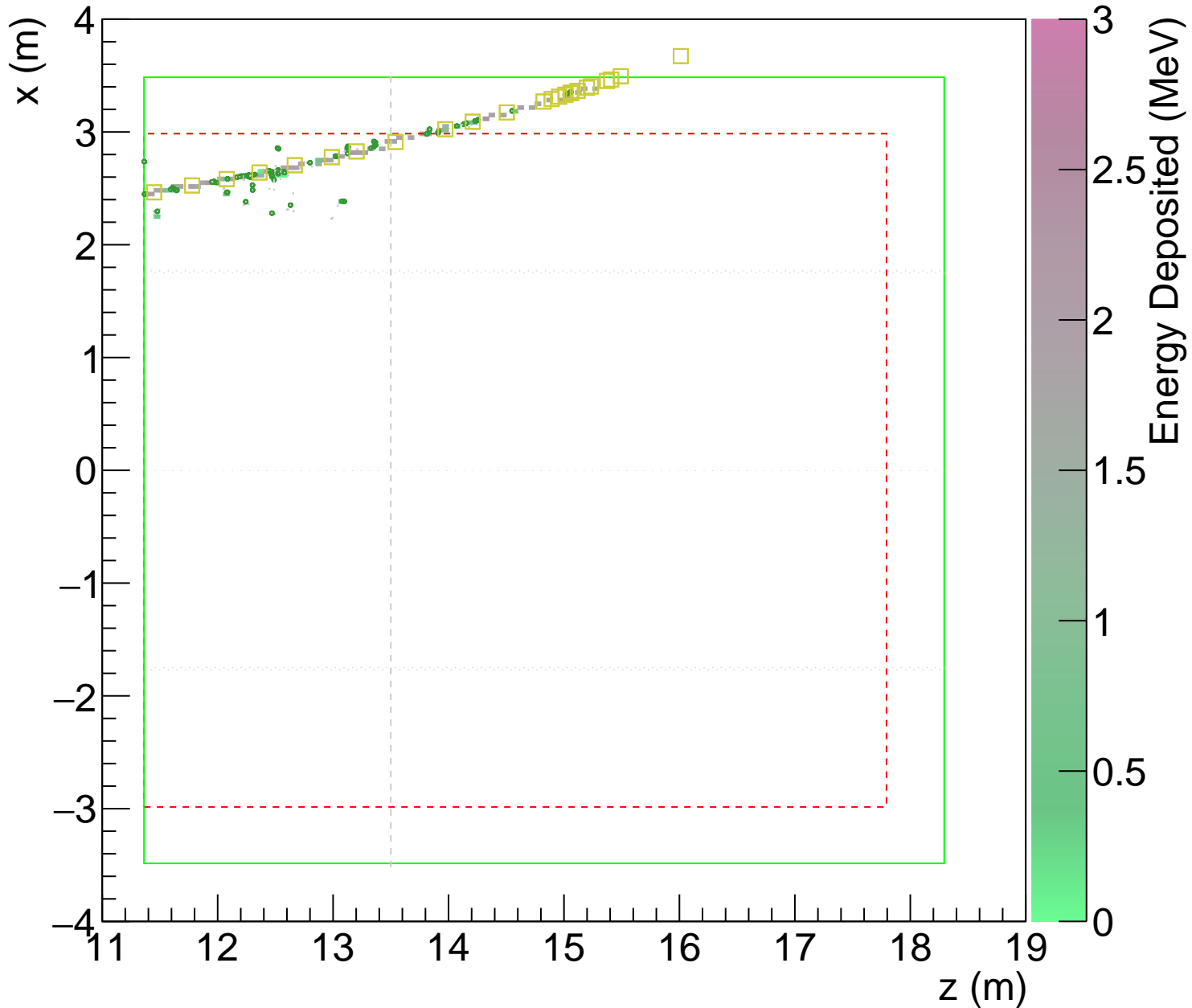
nLines: 0, nClusters: 1



Event 385, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.52$  GeV,  $E_{\mu}^{\text{true}}=6.57$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:2,

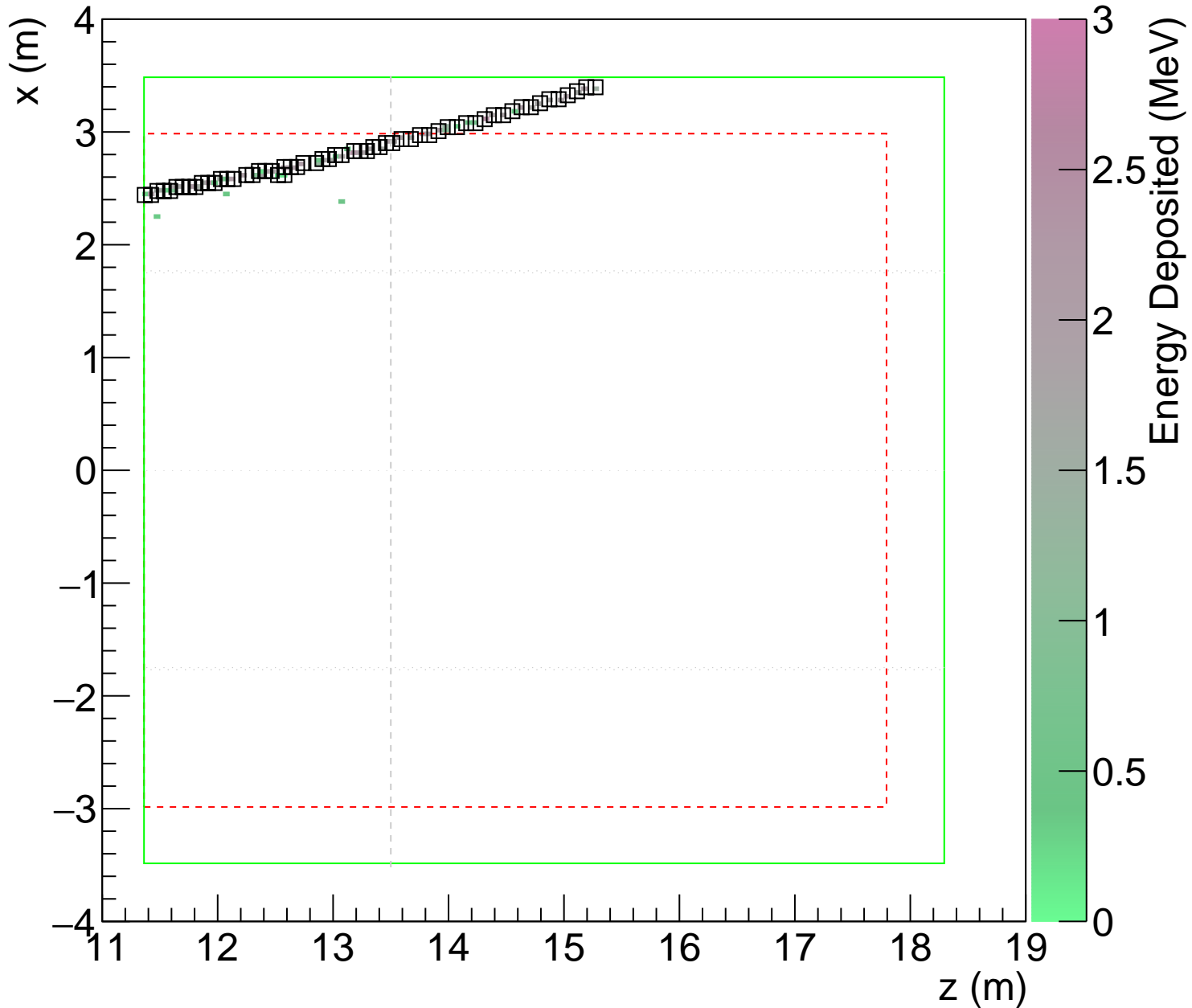


Event 385, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.52$  GeV,  $E_{\mu}^{\text{true}}=6.57$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:2,

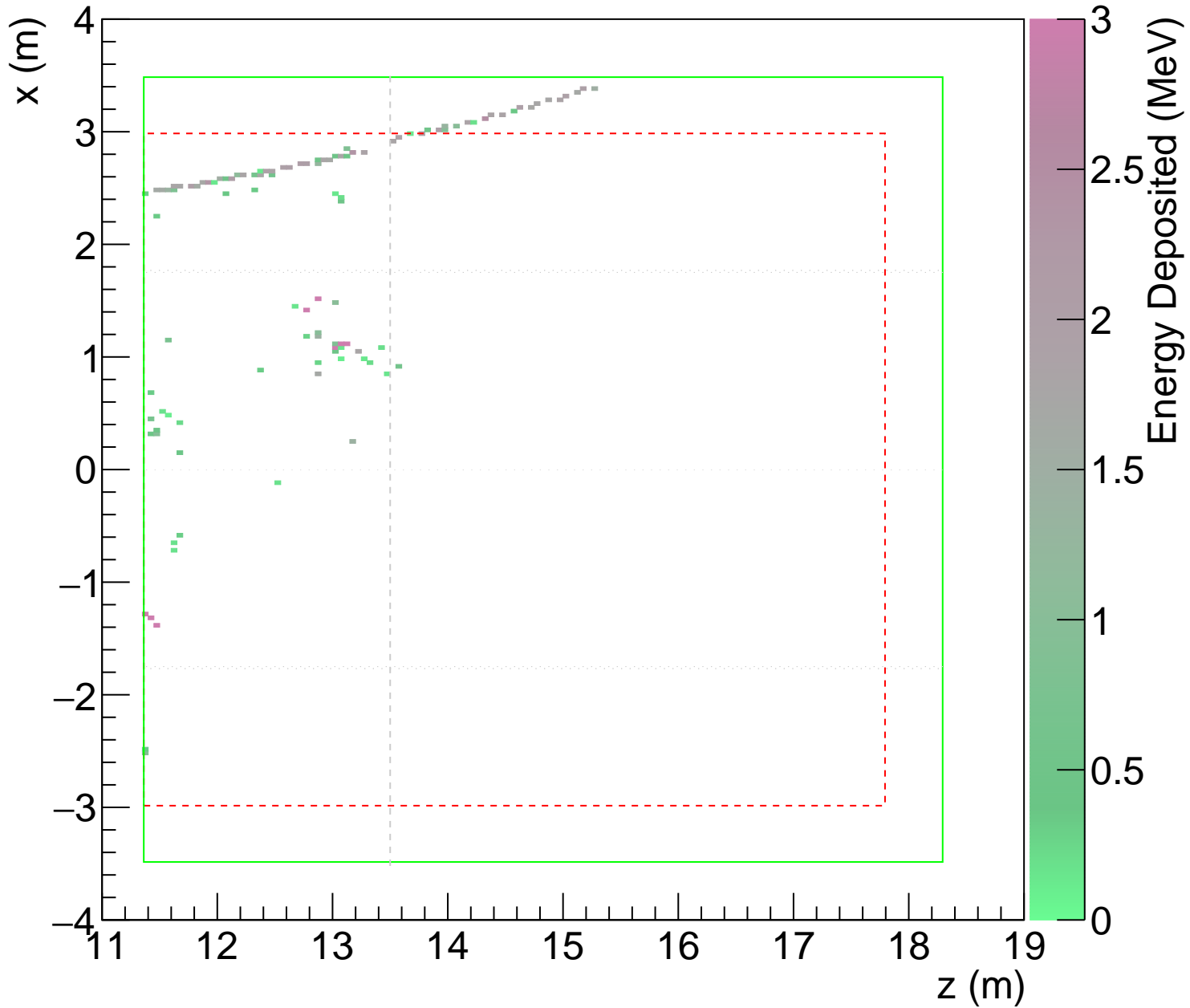


# Event 385 reconstructed

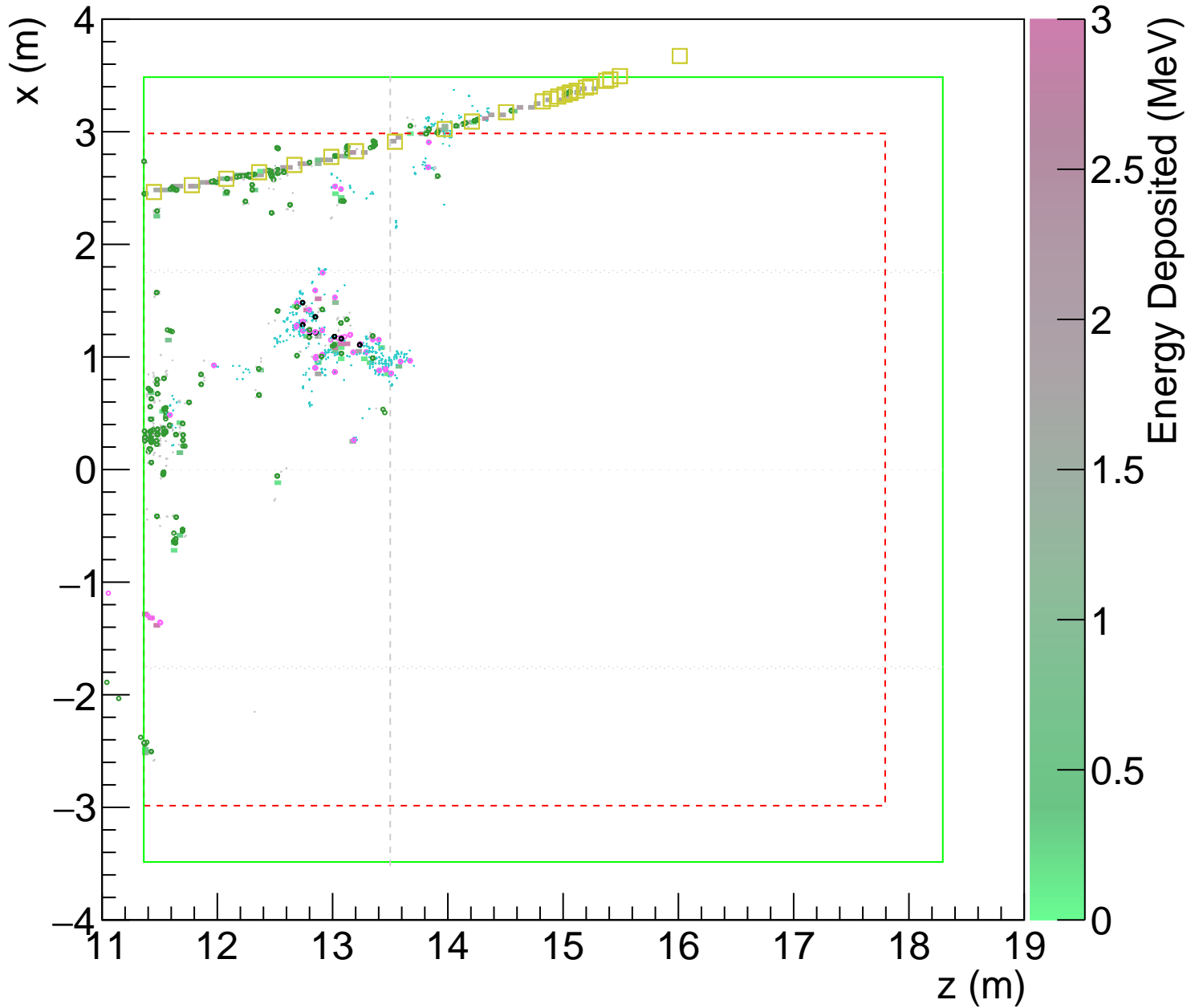
nLines: 1, nClusters: 0



Event 386, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=28.23$  GeV,  $E_{\mu}^{\text{true}}=18.42$  GeV  
nu:-14,tgt:1000260560,N:2212,q:2(v),proc:Weak[CC],DIS,

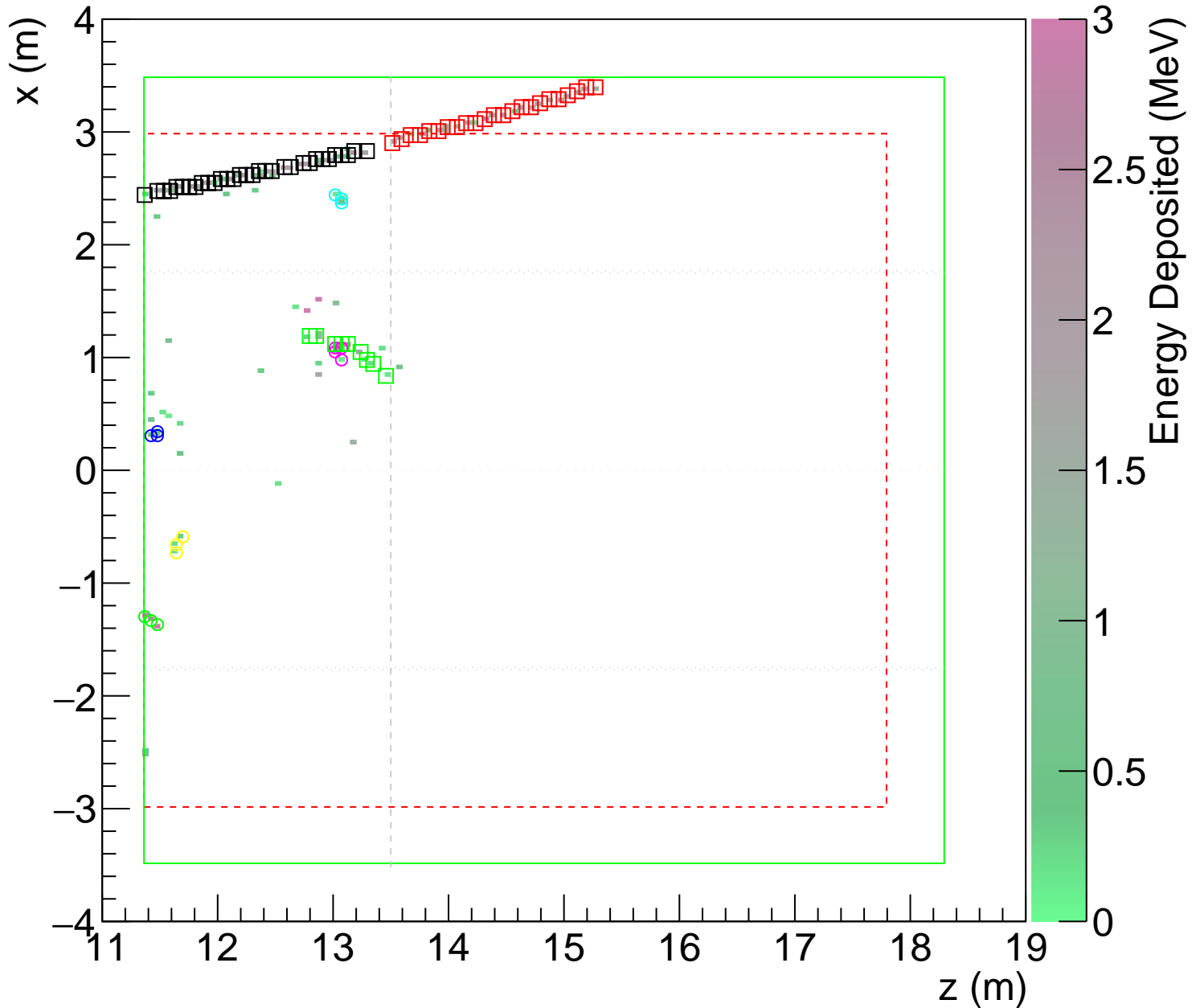


Event 386, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=28.23$  GeV,  $E_{\mu}^{\text{true}}=18.42$  GeV  
nu:-14,tgt:1000260560,N:2212,q:2(v),proc:Weak[CC],DIS,

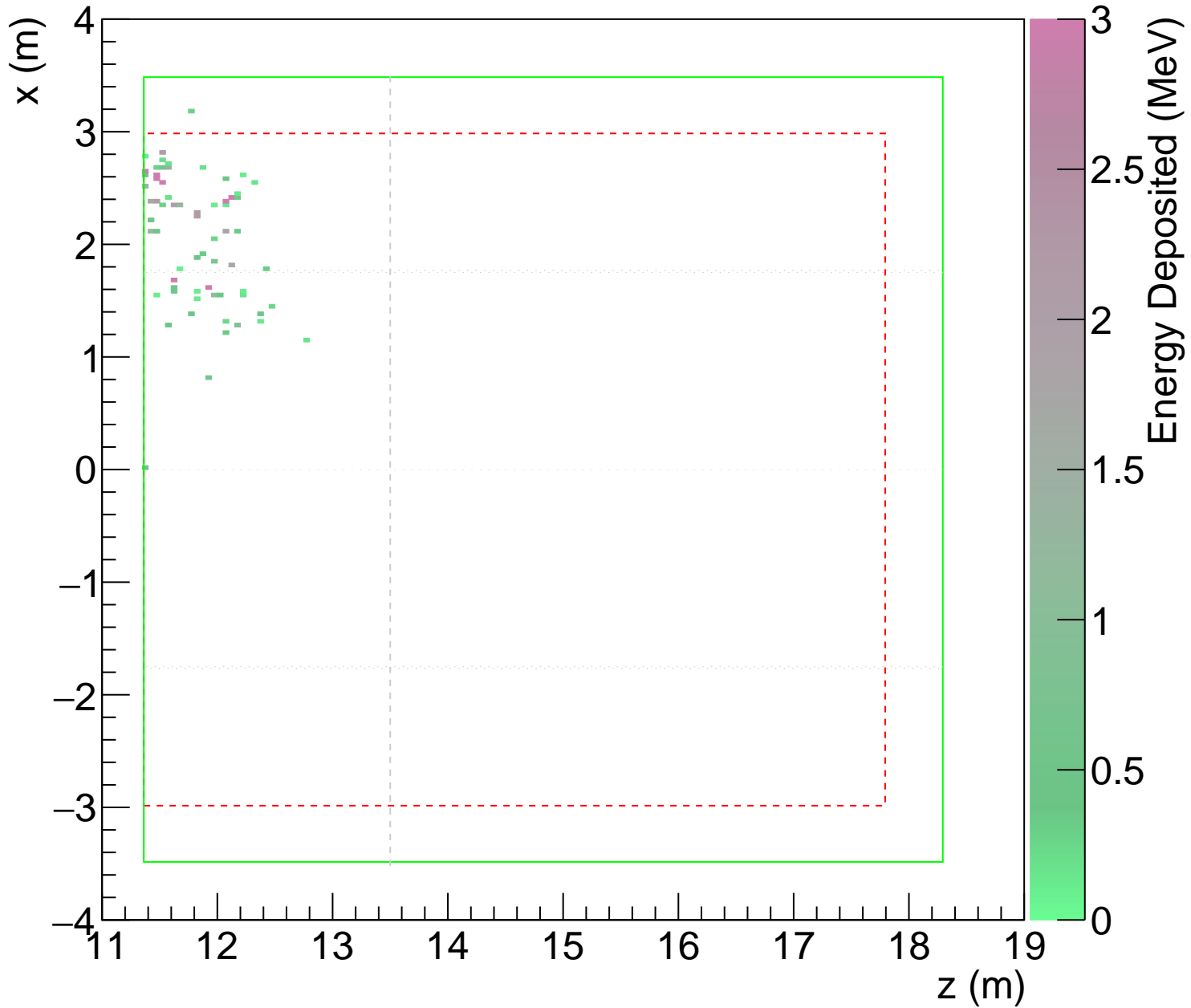


# Event 386 reconstructed

nLines: 3, nClusters: 5

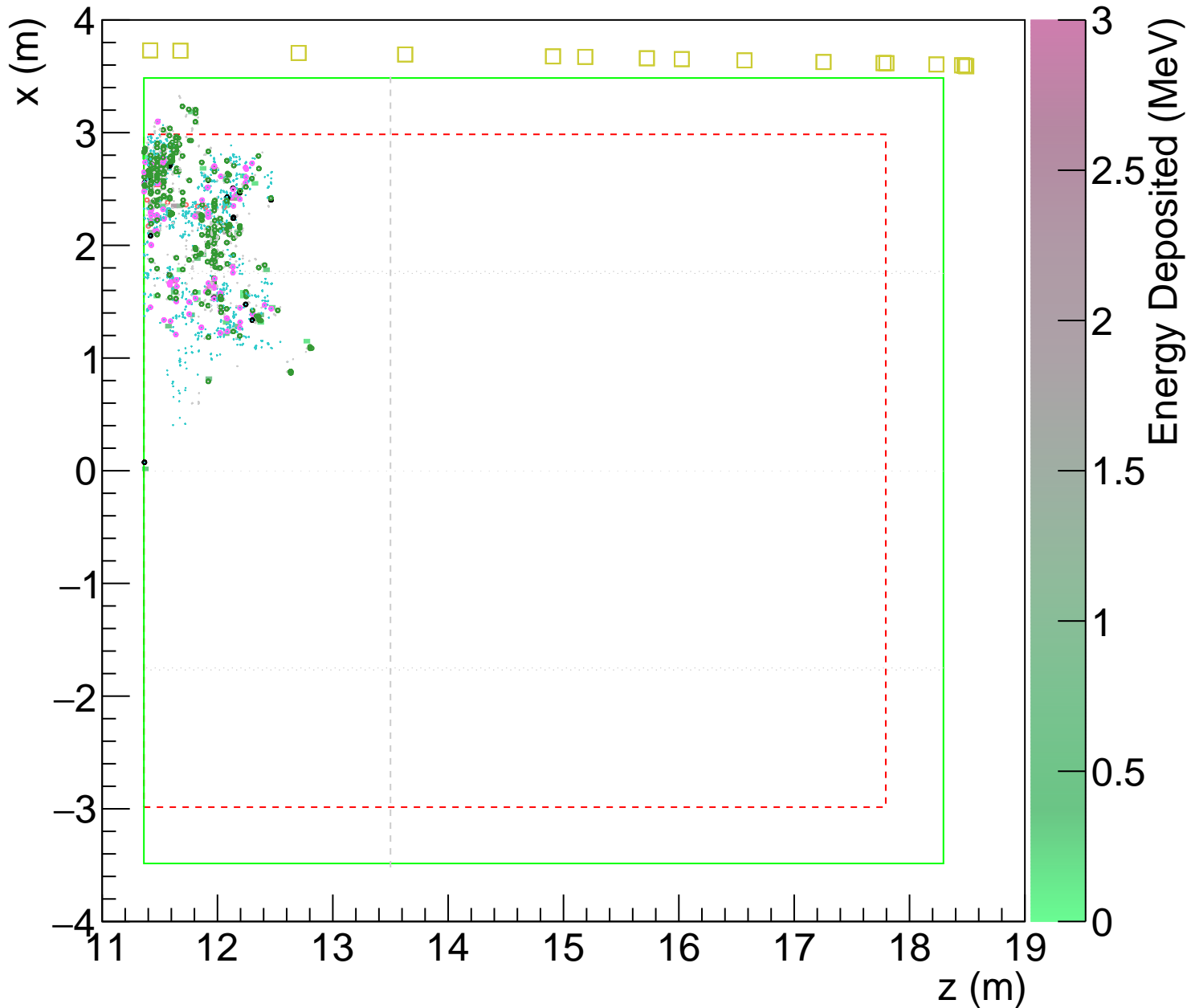


Event 388, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.99$  GeV,  $E_{\mu}^{\text{true}}=0.61$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,



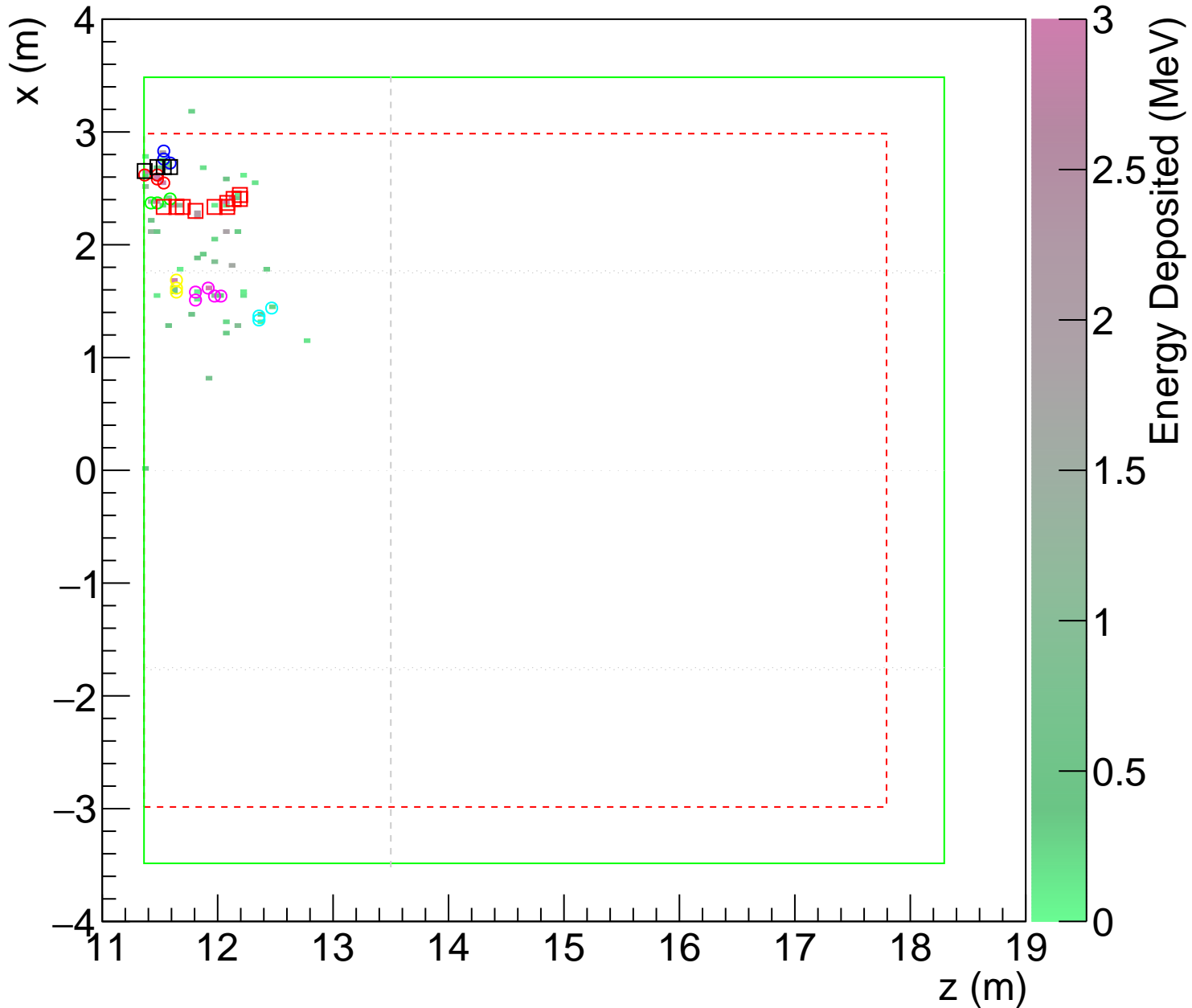


Event 388, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.99$  GeV,  $E_{\mu}^{\text{true}}=0.61$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

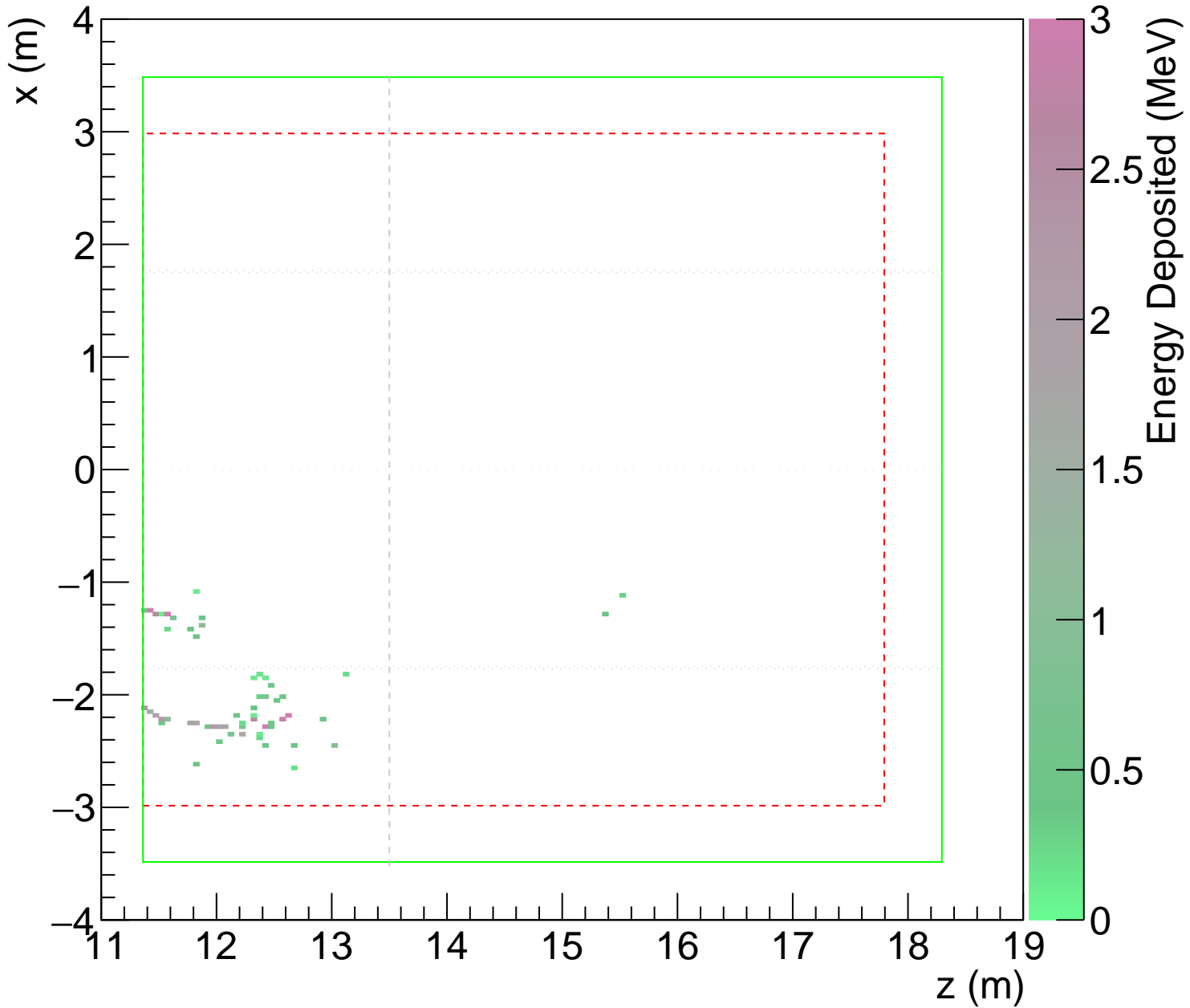


# Event 388 reconstructed

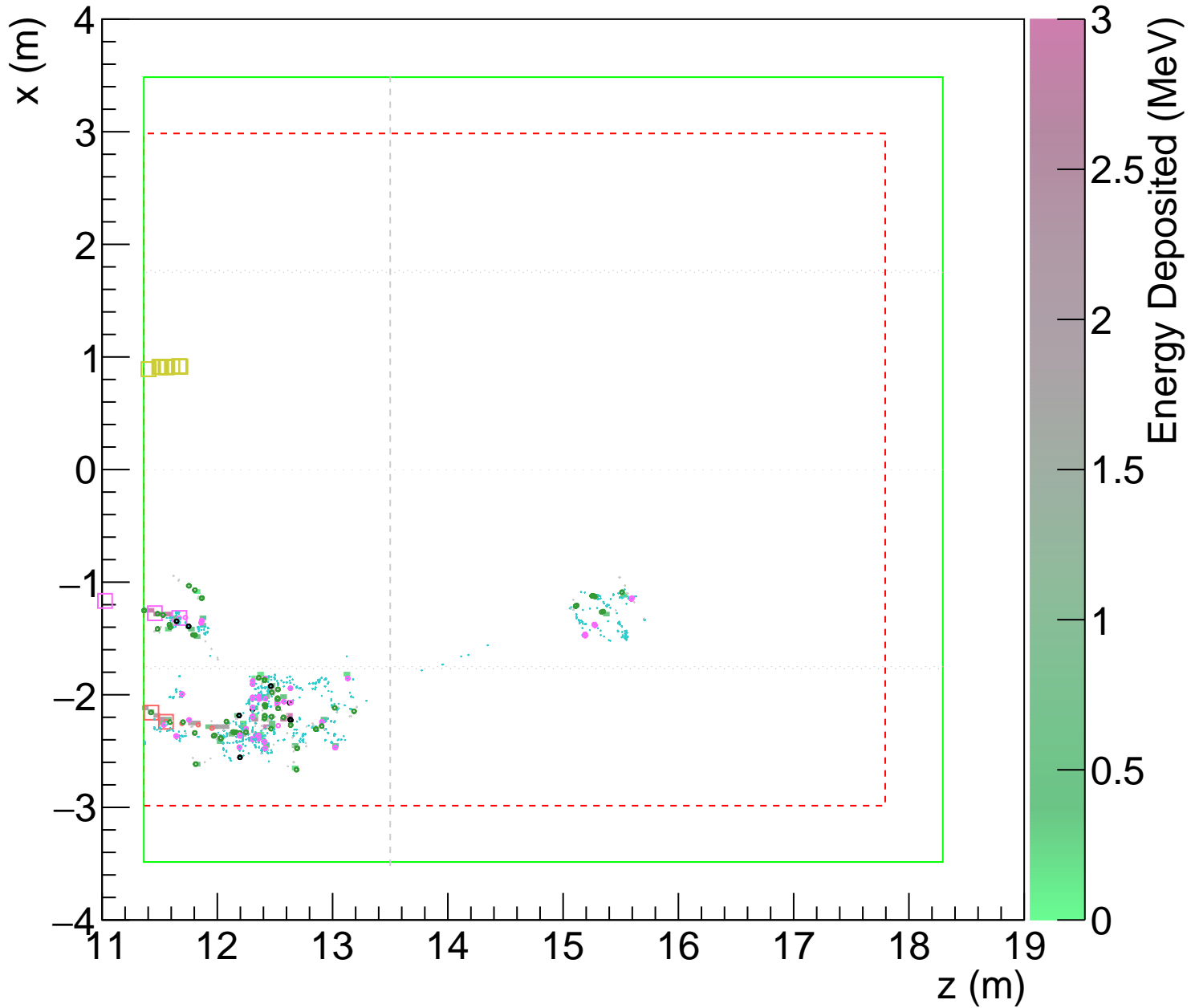
nLines: 2, nClusters: 6



Event 390, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.76$  GeV,  $E_{\mu}^{\text{true}}=0.95$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:1,

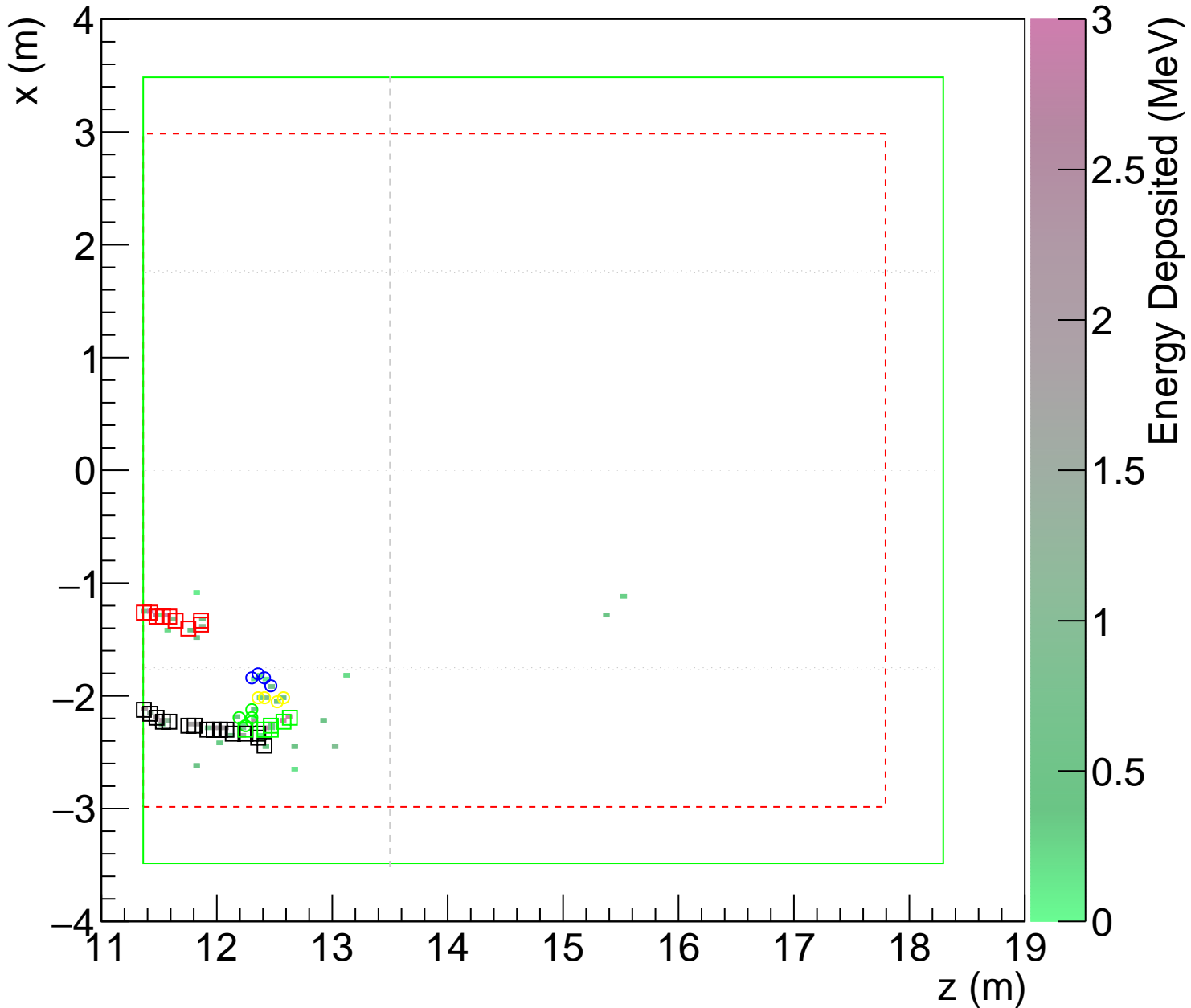


Event 390, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.76$  GeV,  $E_{\mu}^{\text{true}}=0.95$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:1,

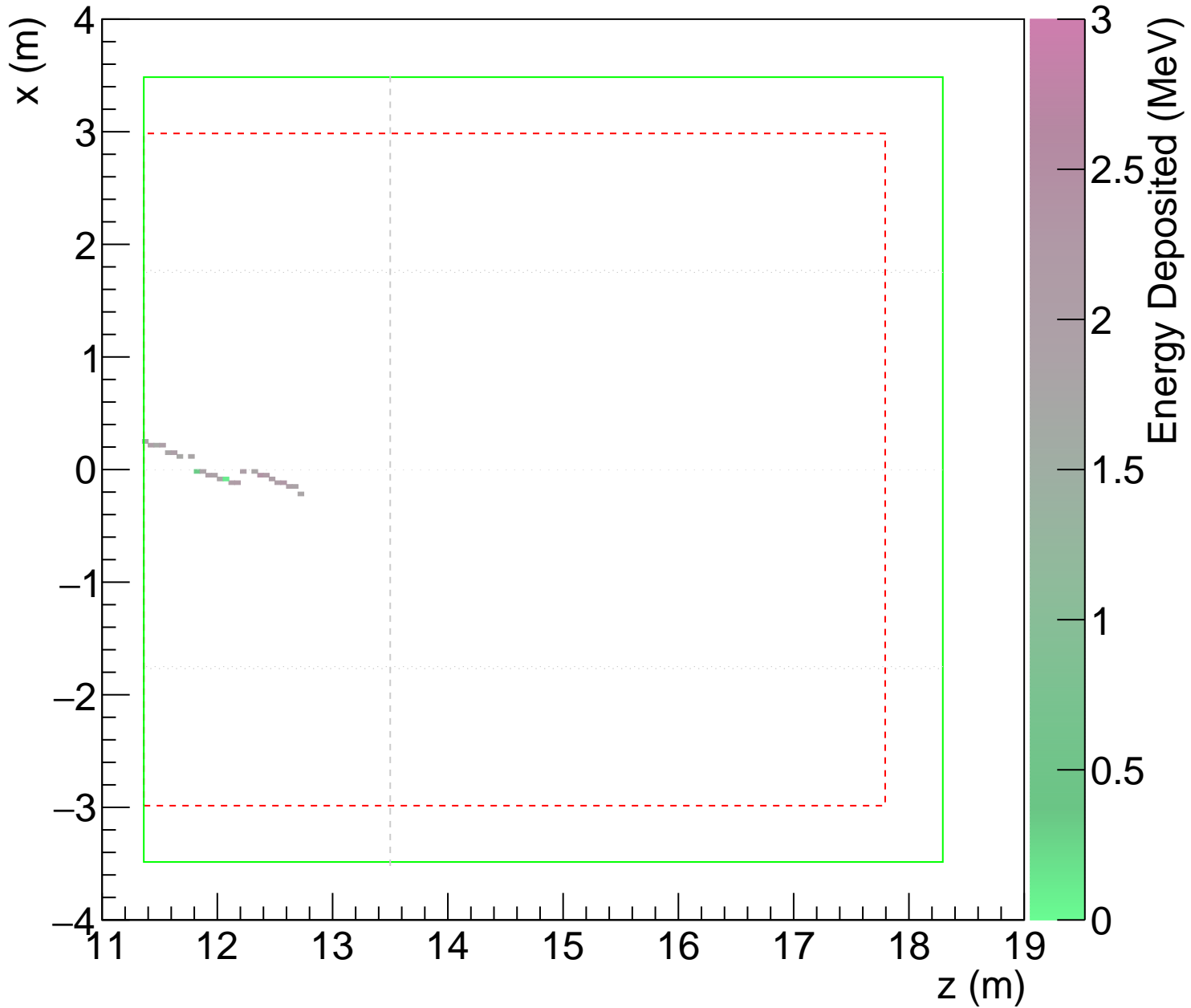


# Event 390 reconstructed

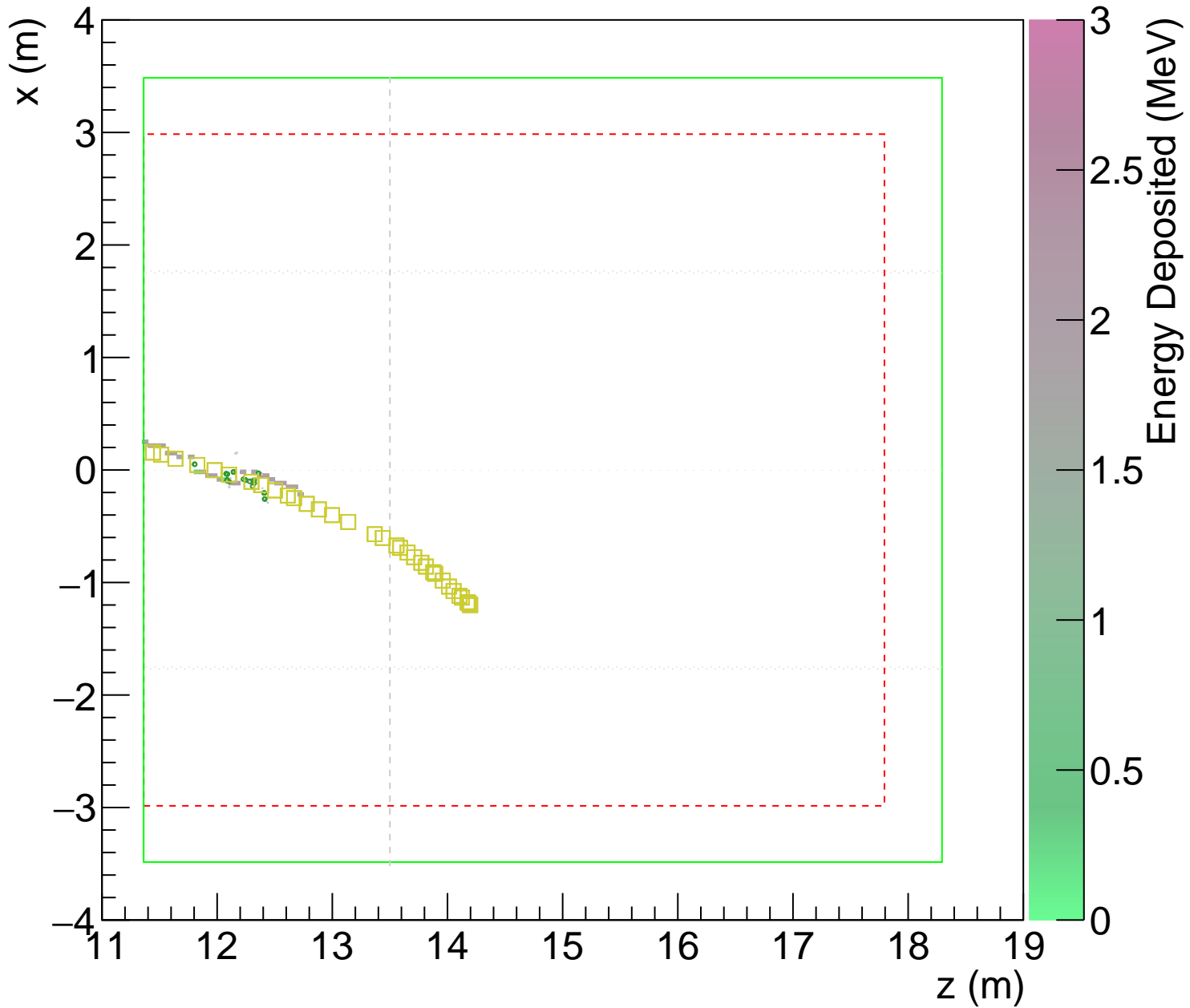
nLines: 3, nClusters: 3



Event 391, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.23$  GeV,  $E_{\mu}^{\text{true}}=2.11$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

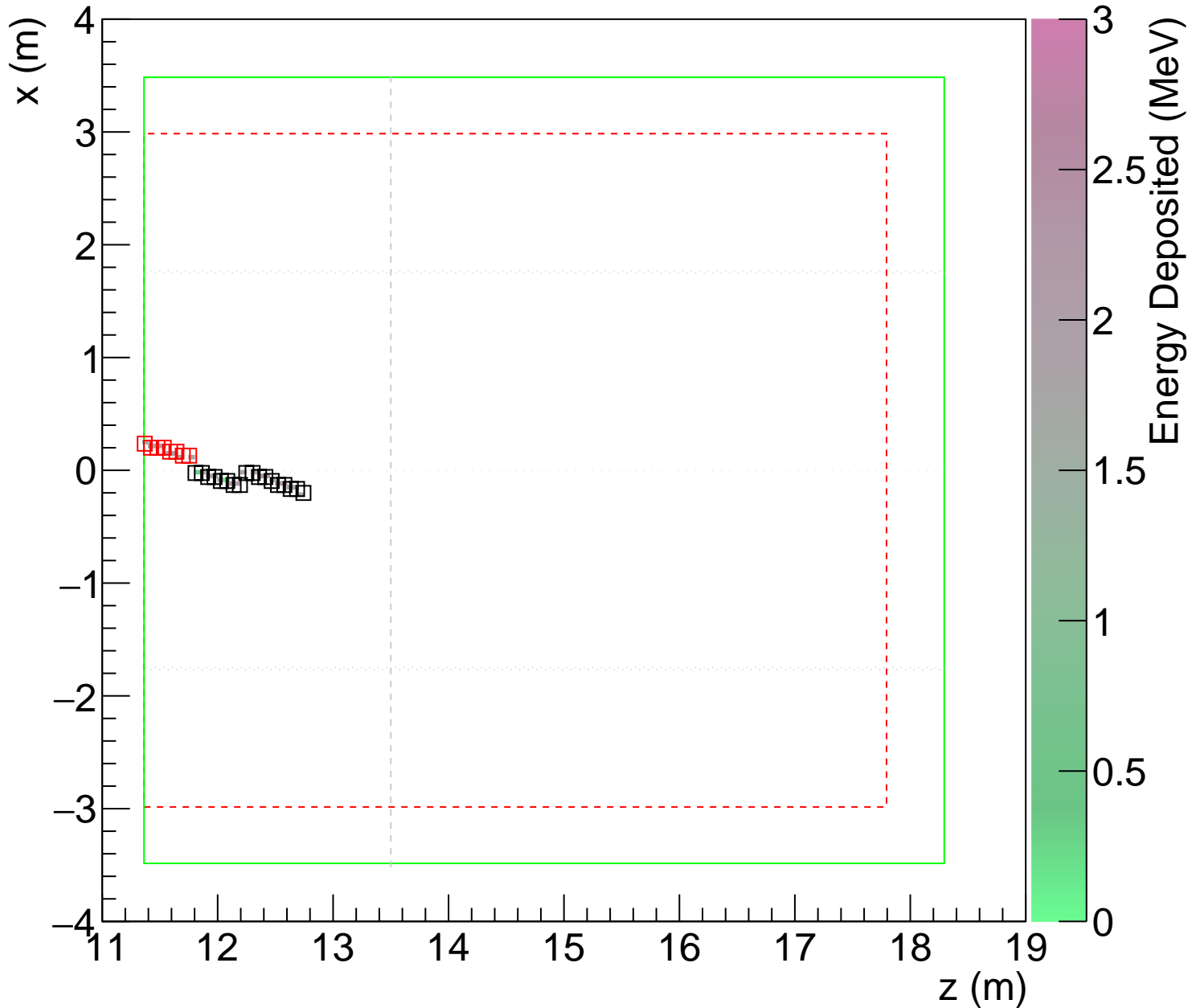


Event 391, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.23$  GeV,  $E_{\mu}^{\text{true}}=2.11$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



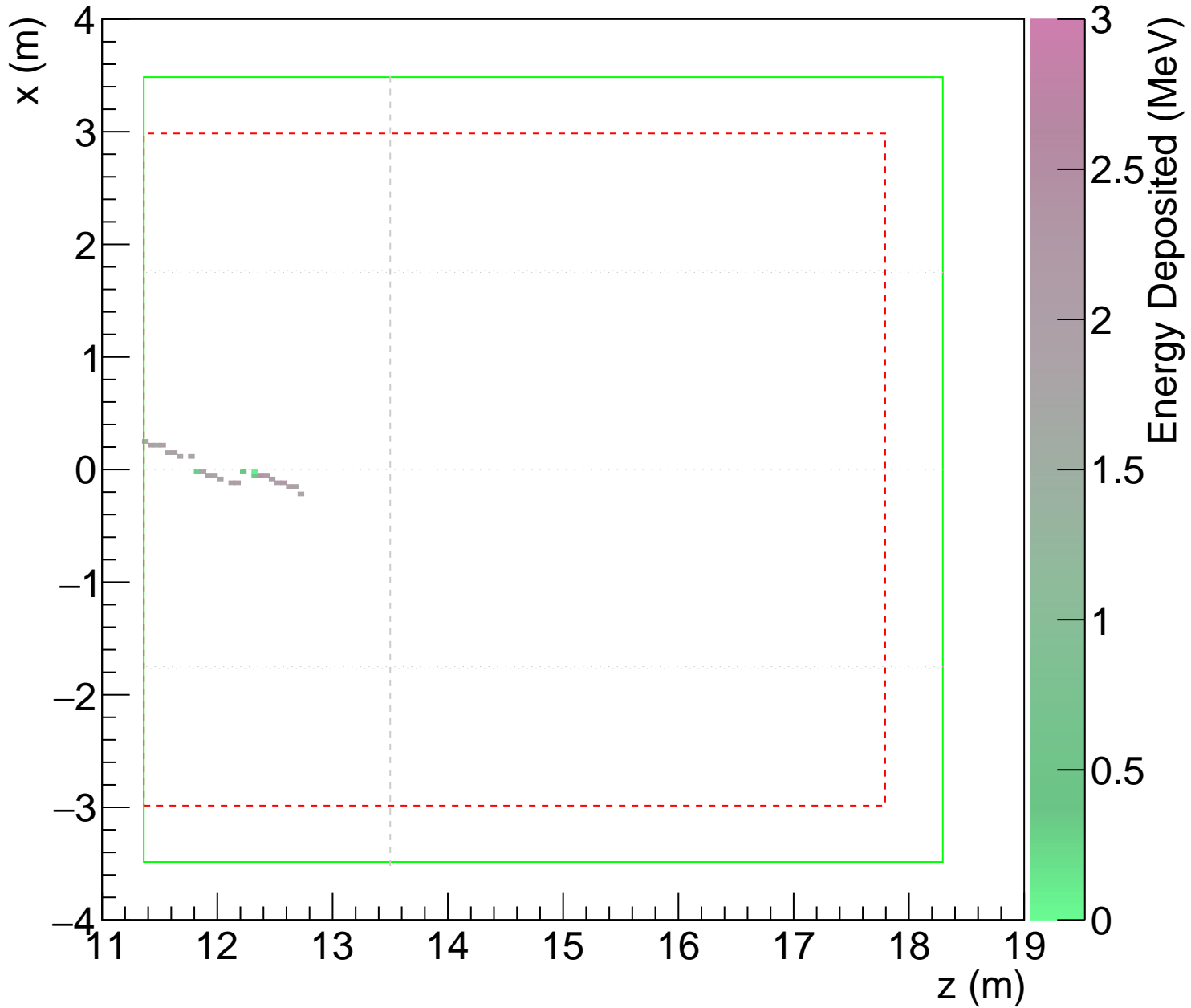
# Event 391 reconstructed

nLines: 2, nClusters: 0

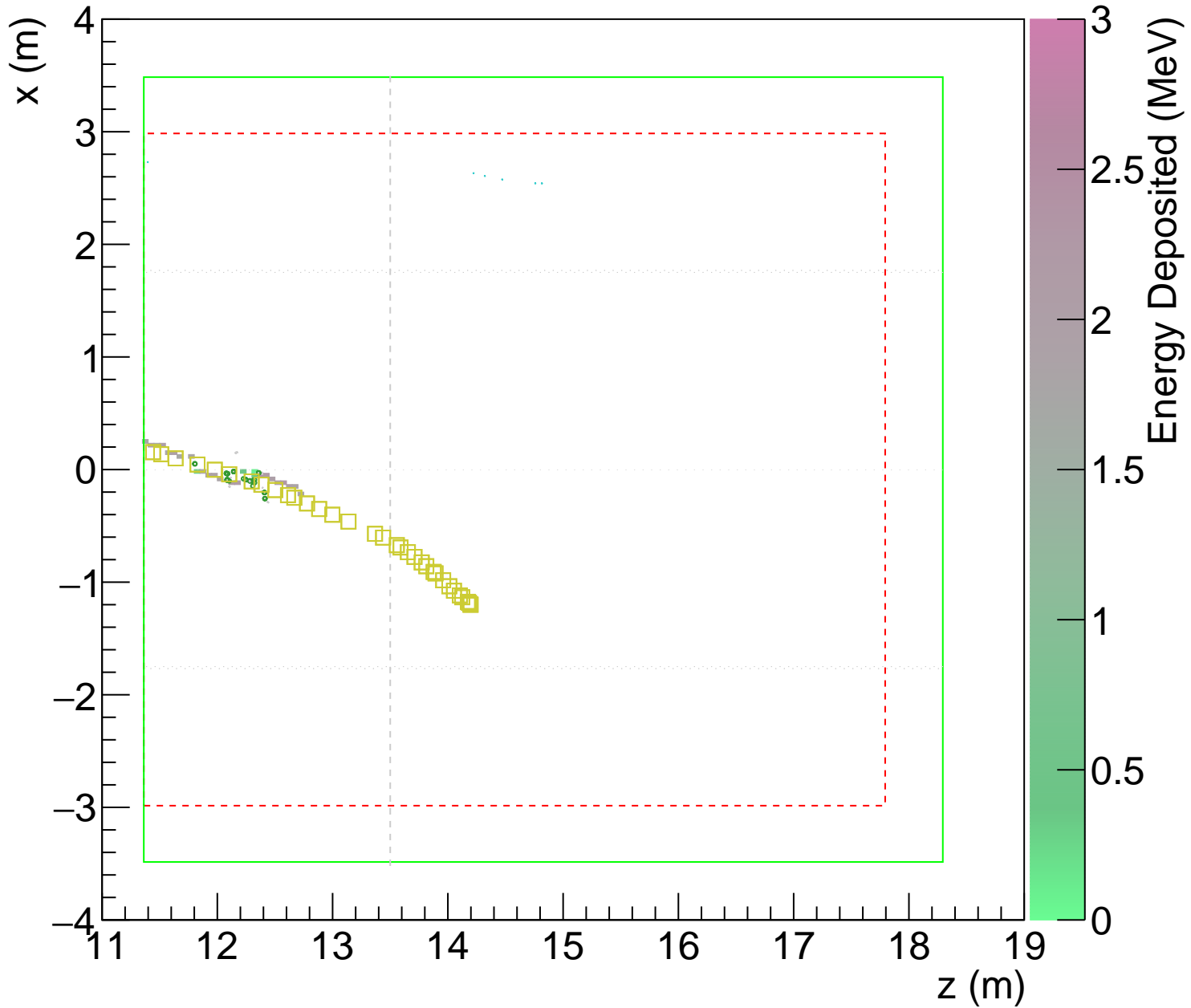




Event 392, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.34$  GeV,  $E_{\mu}^{\text{true}}=2.11$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,

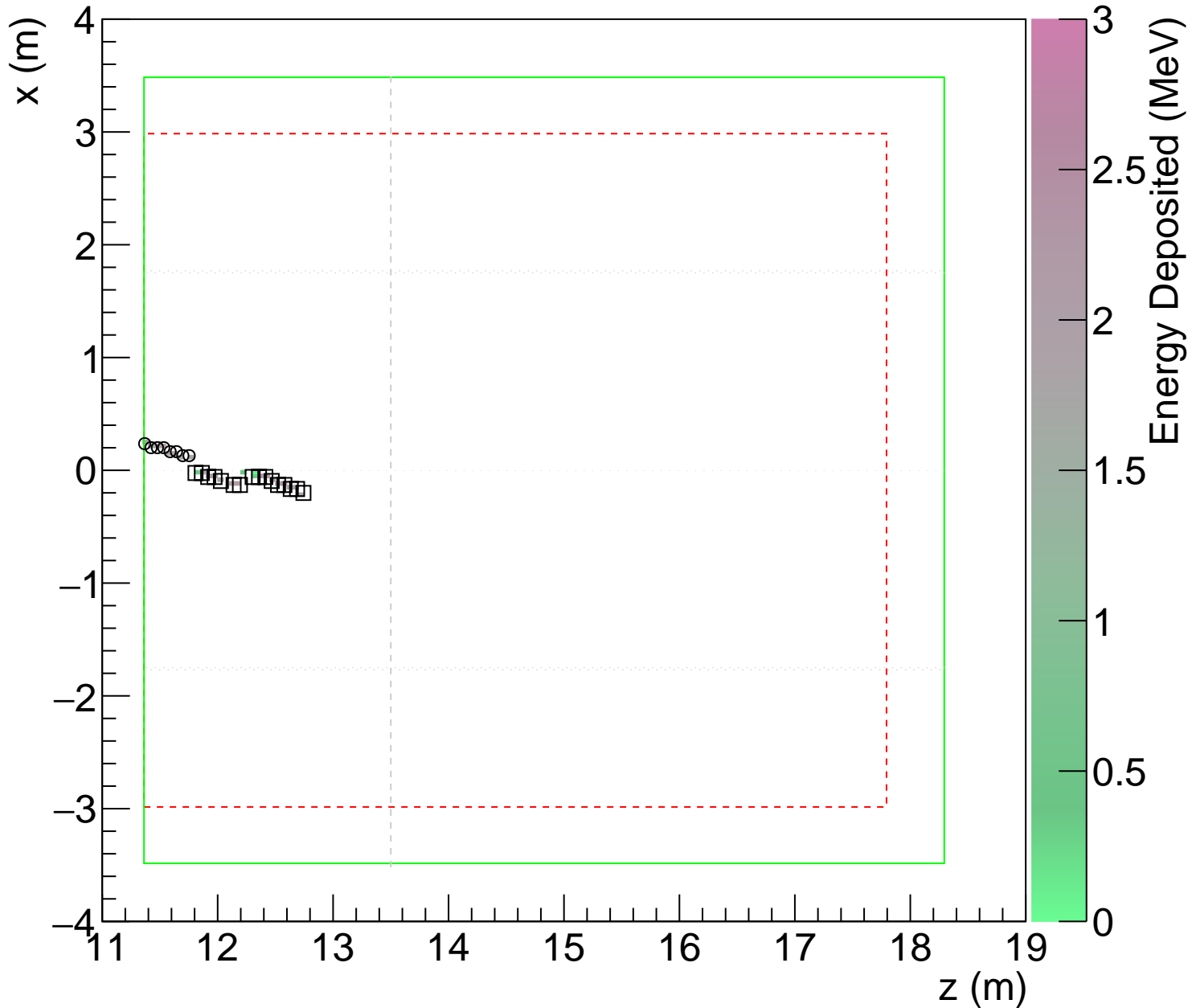


Event 392, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.34$  GeV,  $E_{\mu}^{\text{true}}=2.11$  GeV  
nu:14,tgt:1000180400,N:2000000200,proc:Weak[CC],MEC,res:0,

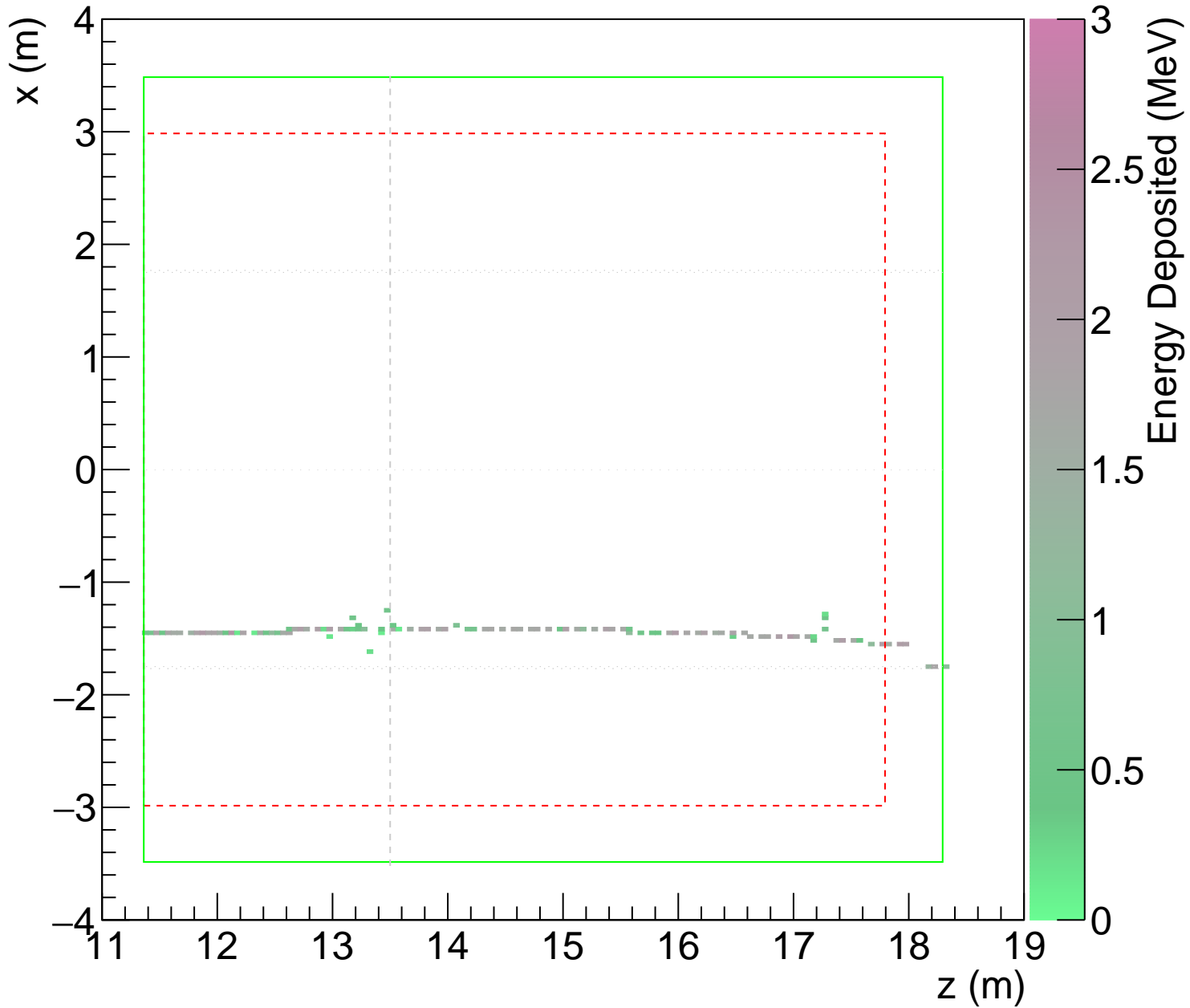


# Event 392 reconstructed

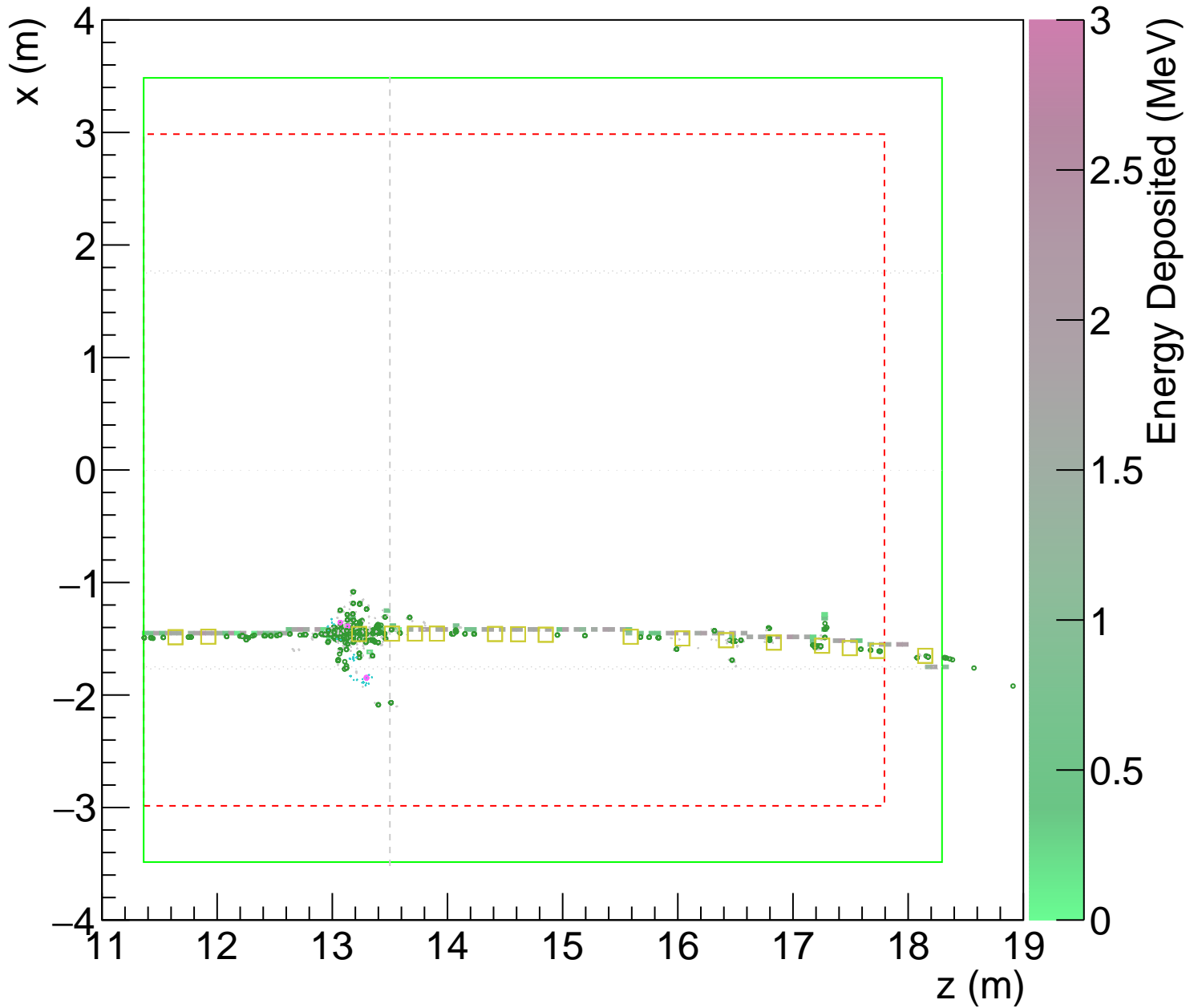
nLines: 1, nClusters: 1



Event 399, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.54$  GeV,  $E_{\mu}^{\text{true}}=11.15$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

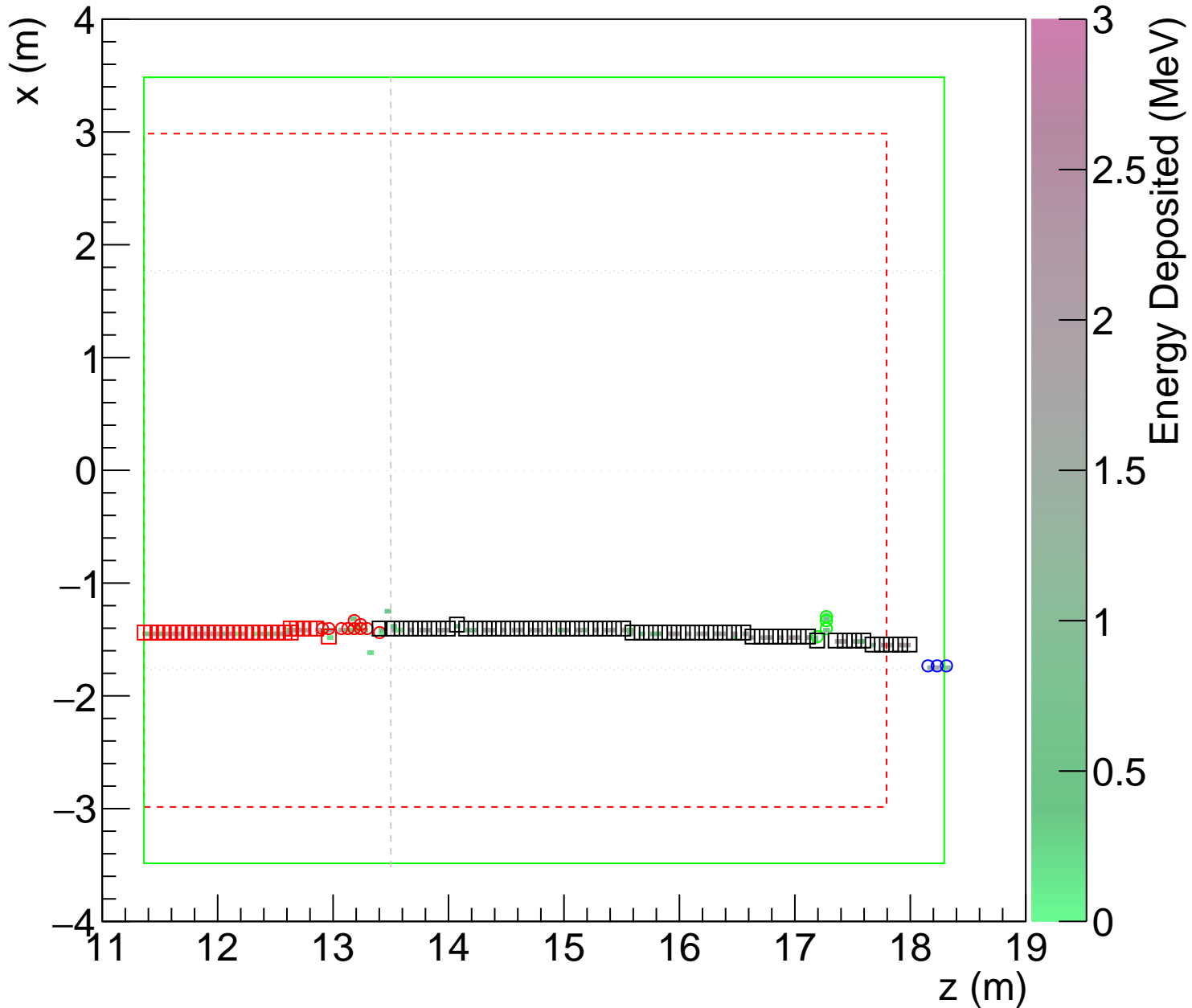


Event 399, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=11.54$  GeV,  $E_{\mu}^{\text{true}}=11.15$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

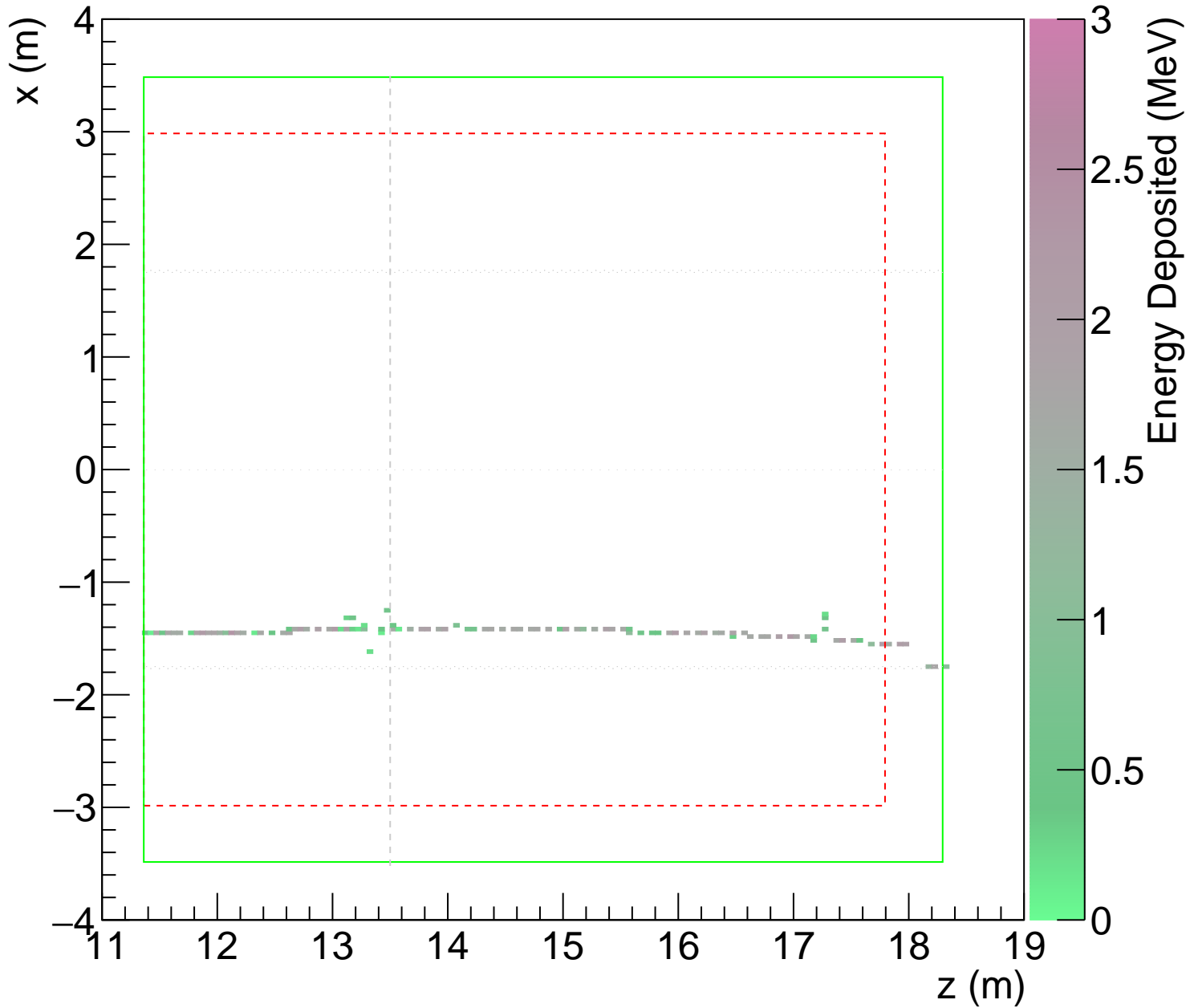


# Event 399 reconstructed

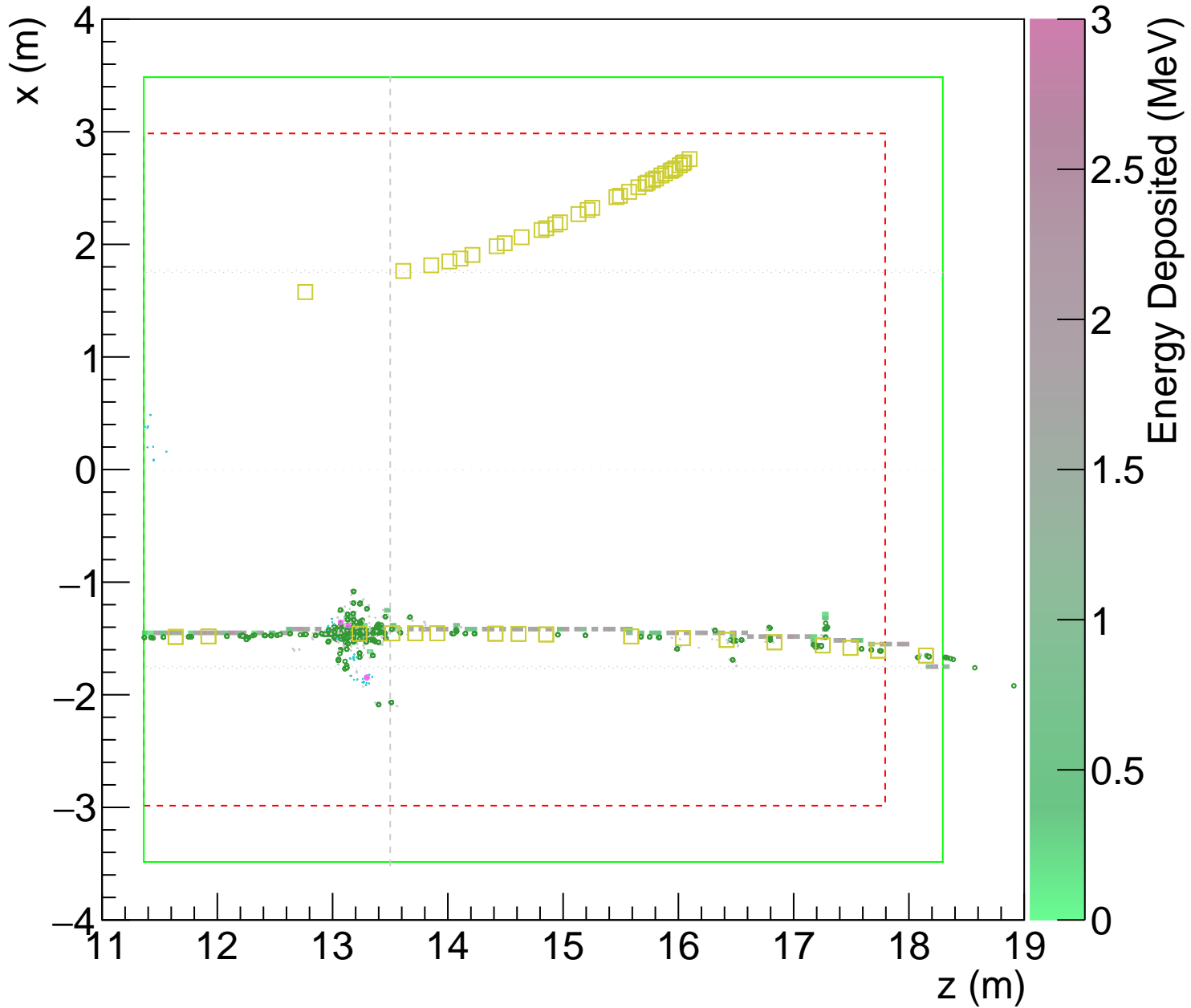
nLines: 2, nClusters: 3



Event 400, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.32$  GeV,  $E_{\mu}^{\text{true}}=11.15$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



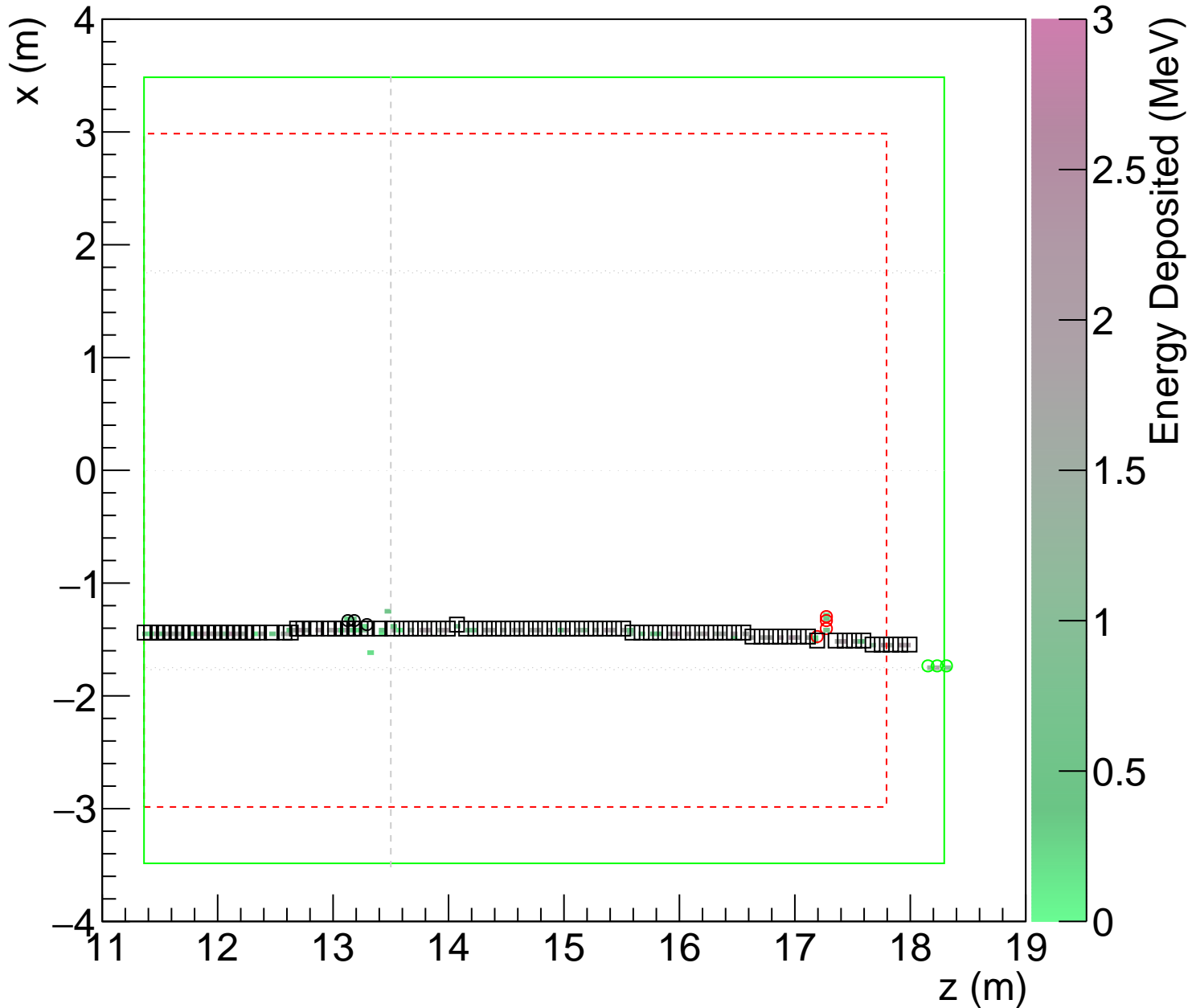
Event 400, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.32$  GeV,  $E_{\mu}^{\text{true}}=11.15$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



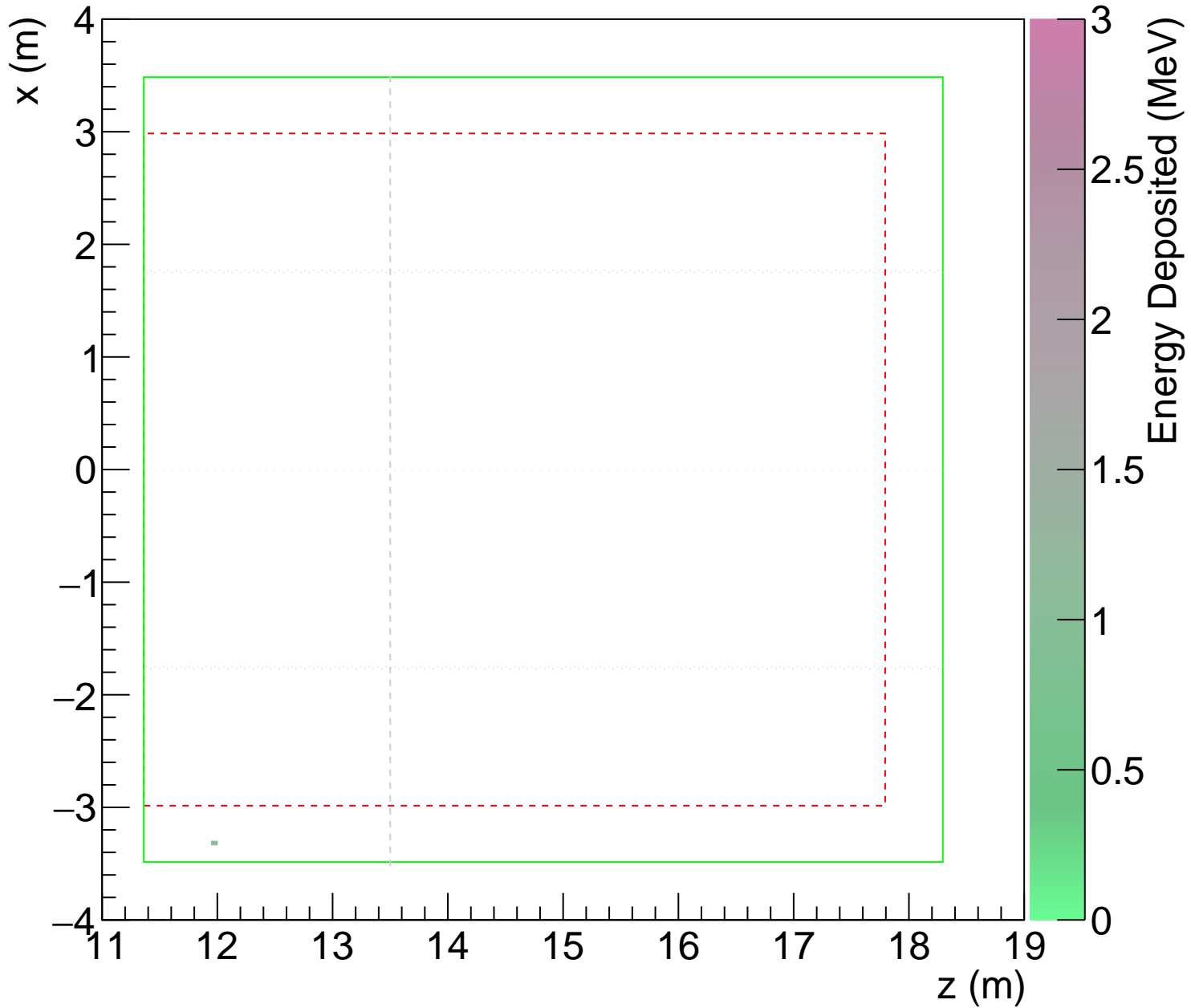


# Event 400 reconstructed

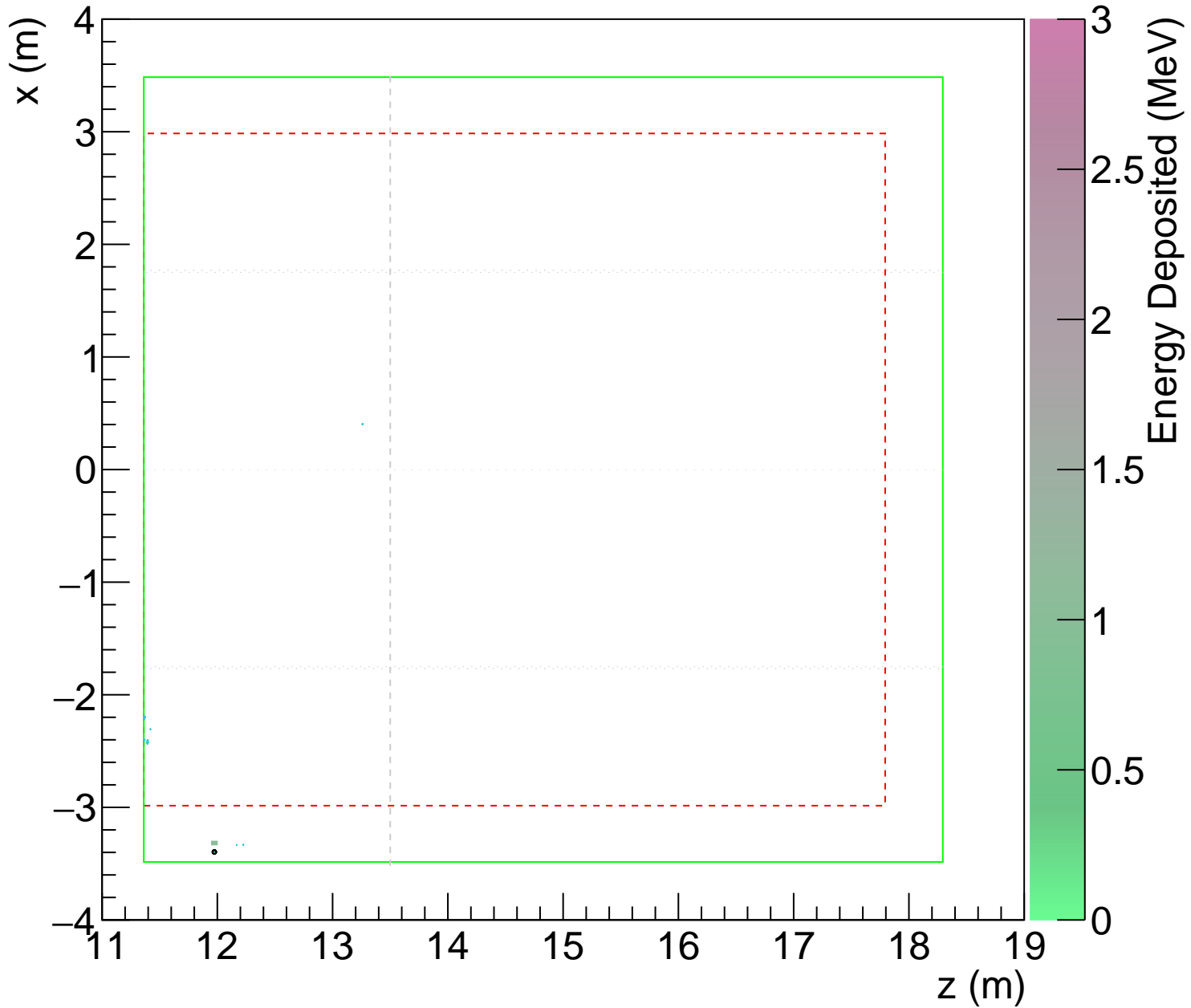
nLines: 1, nClusters: 3



Event 402, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.22$  GeV,  $E_{\mu}^{\text{true}}=0.43$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

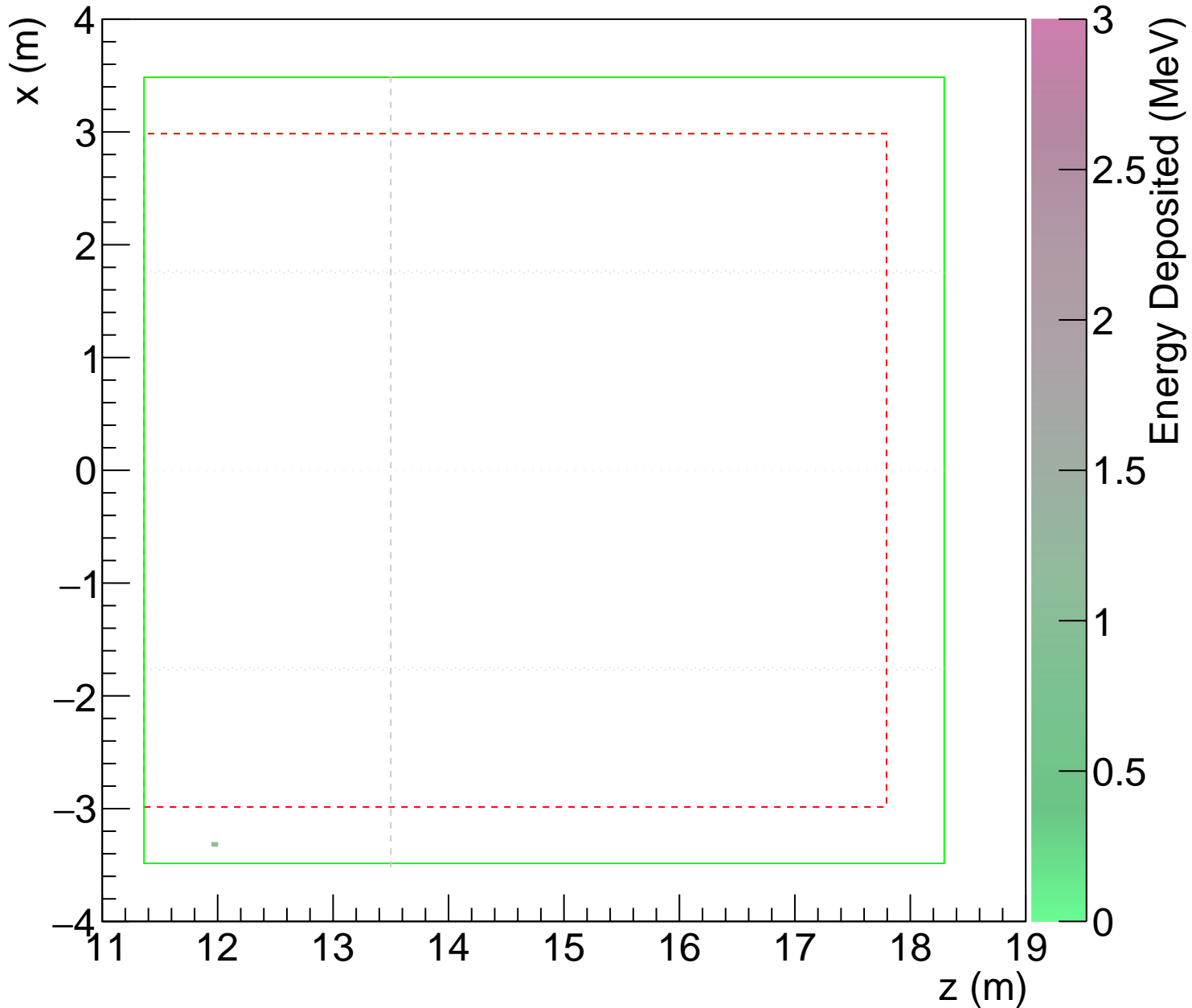


Event 402, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=6.22$  GeV,  $E_{\mu}^{\text{true}}=0.43$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

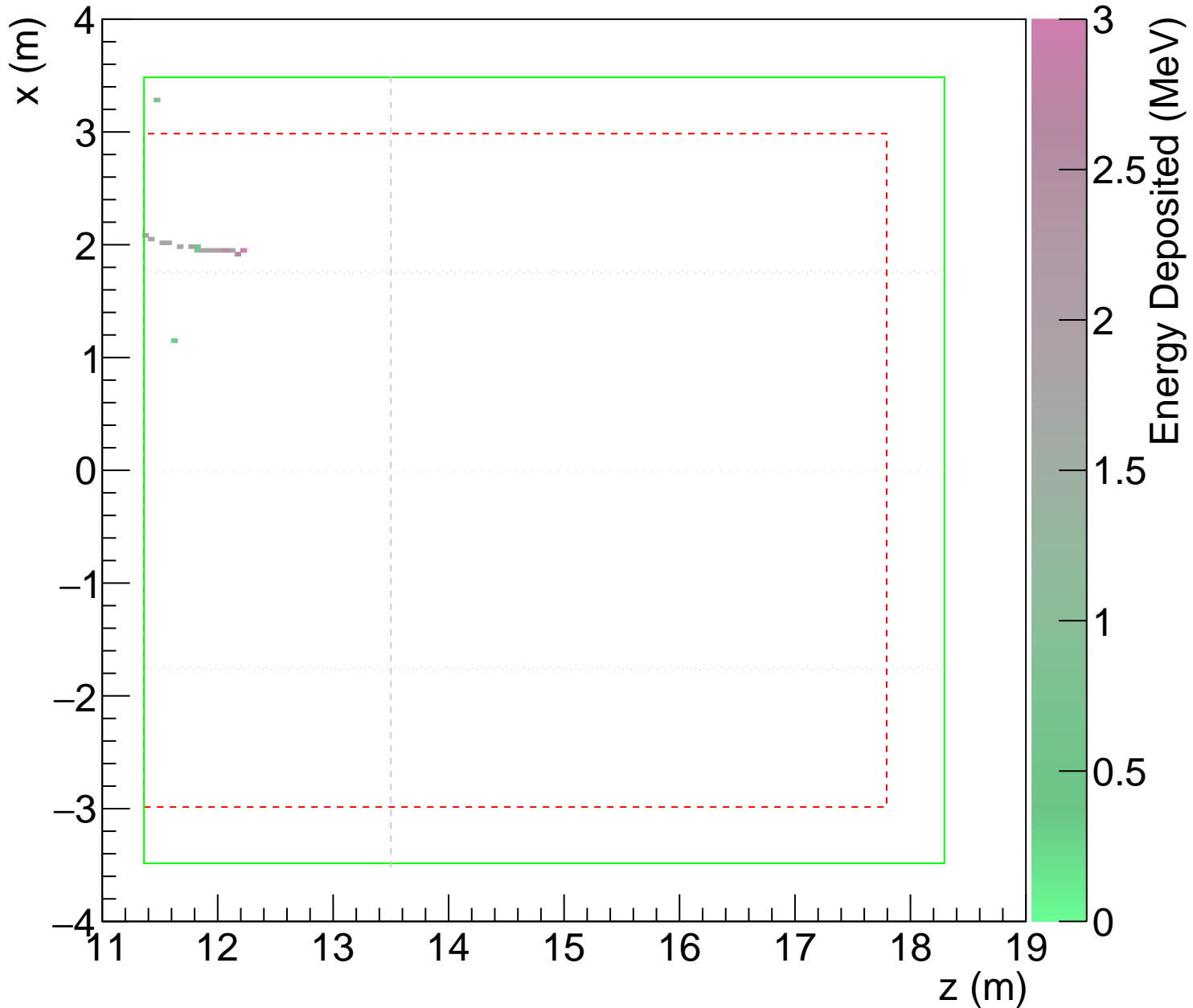


# Event 402 reconstructed

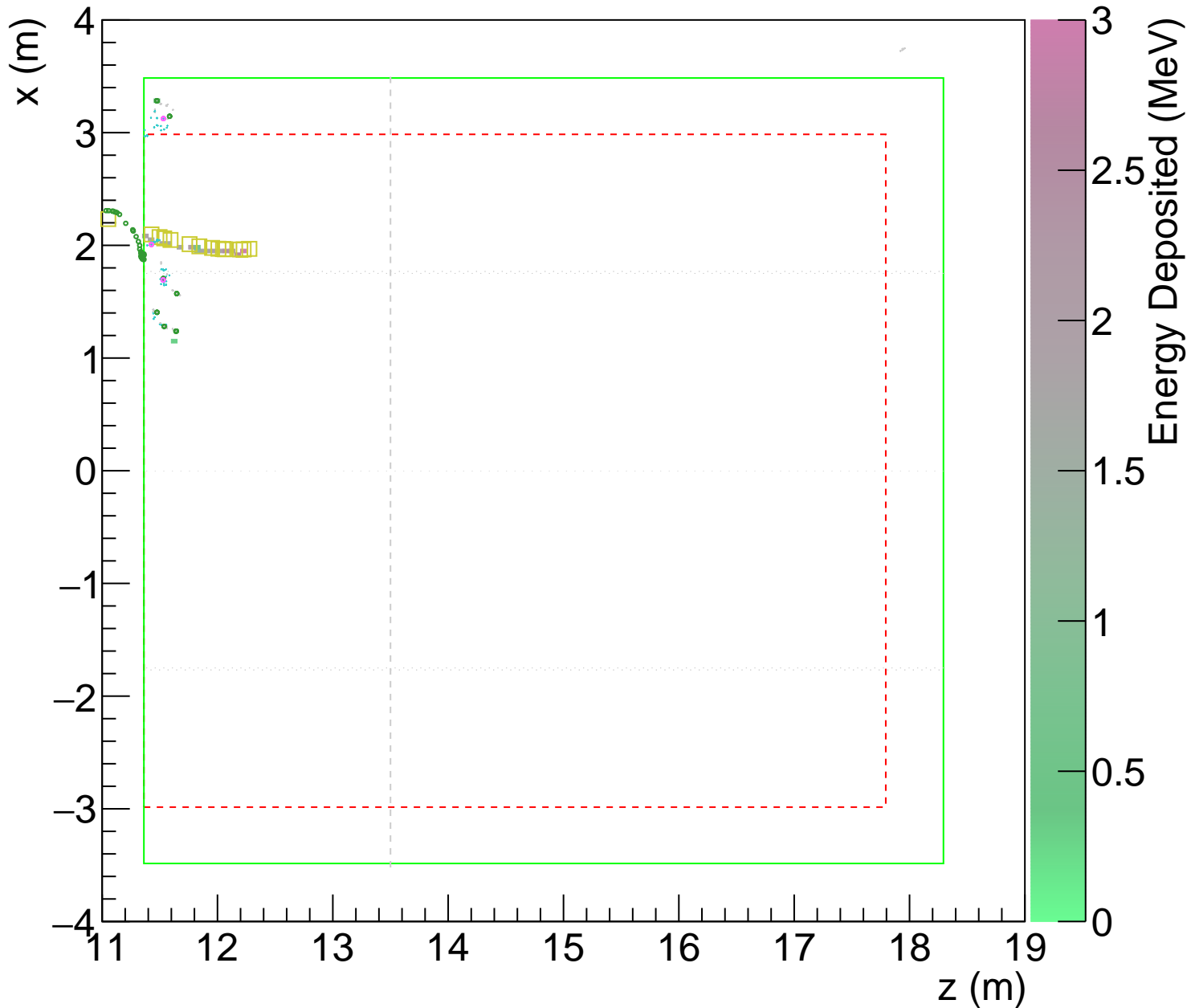
nLines: 0, nClusters: 0



Event 405, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=0.68$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

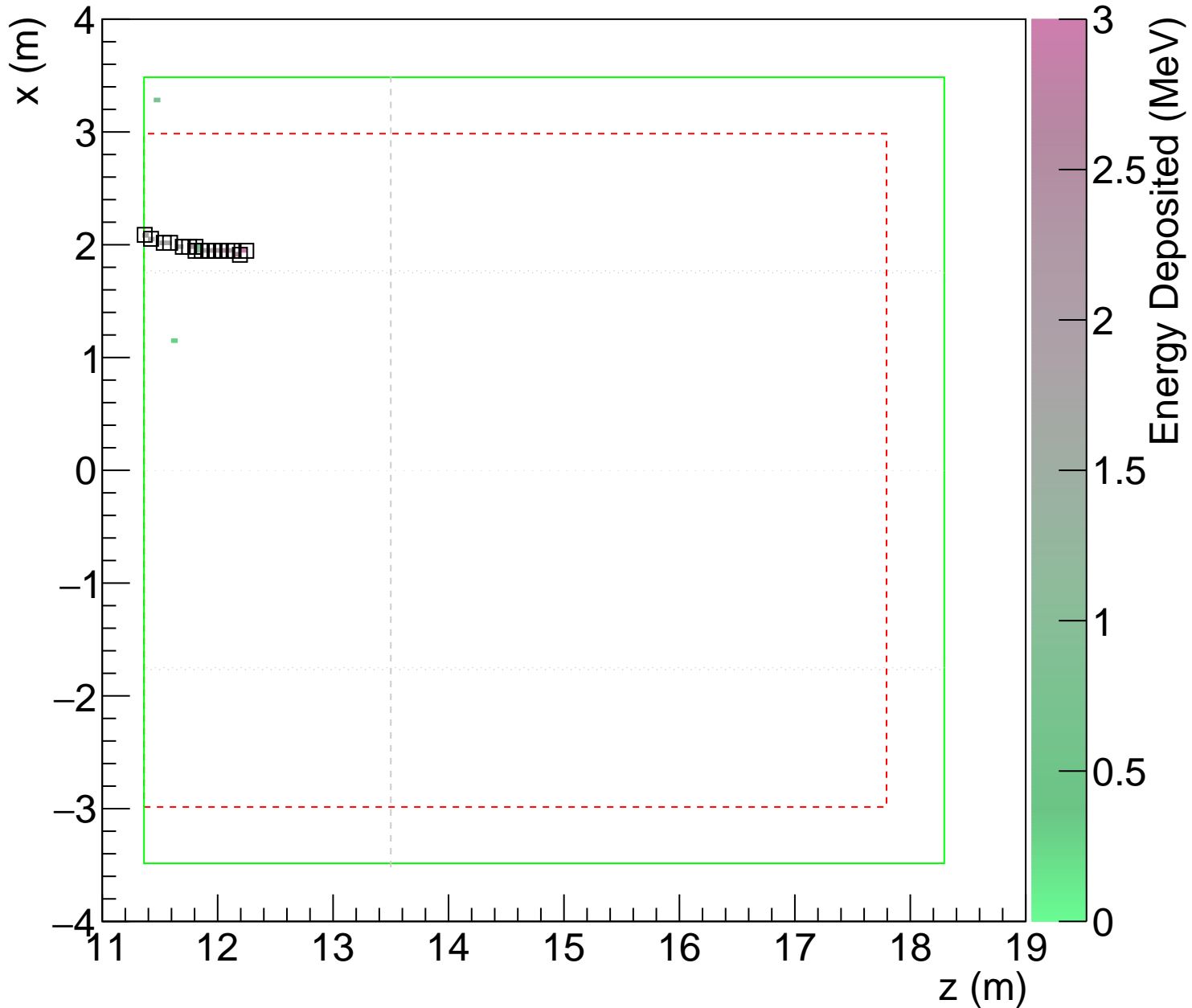


Event 405, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.34$  GeV,  $E_{\mu}^{\text{true}}=0.68$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

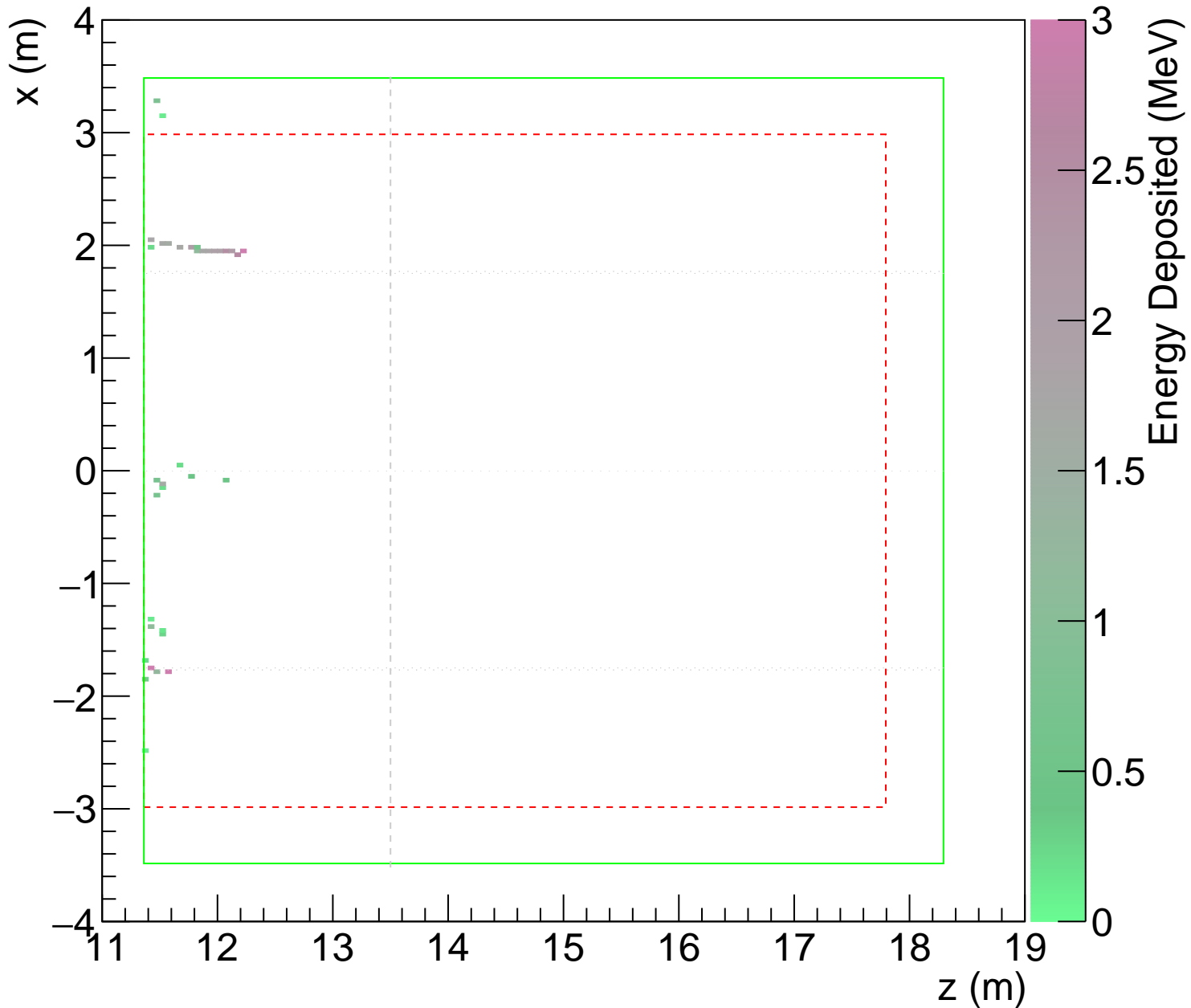


# Event 405 reconstructed

nLines: 1, nClusters: 0

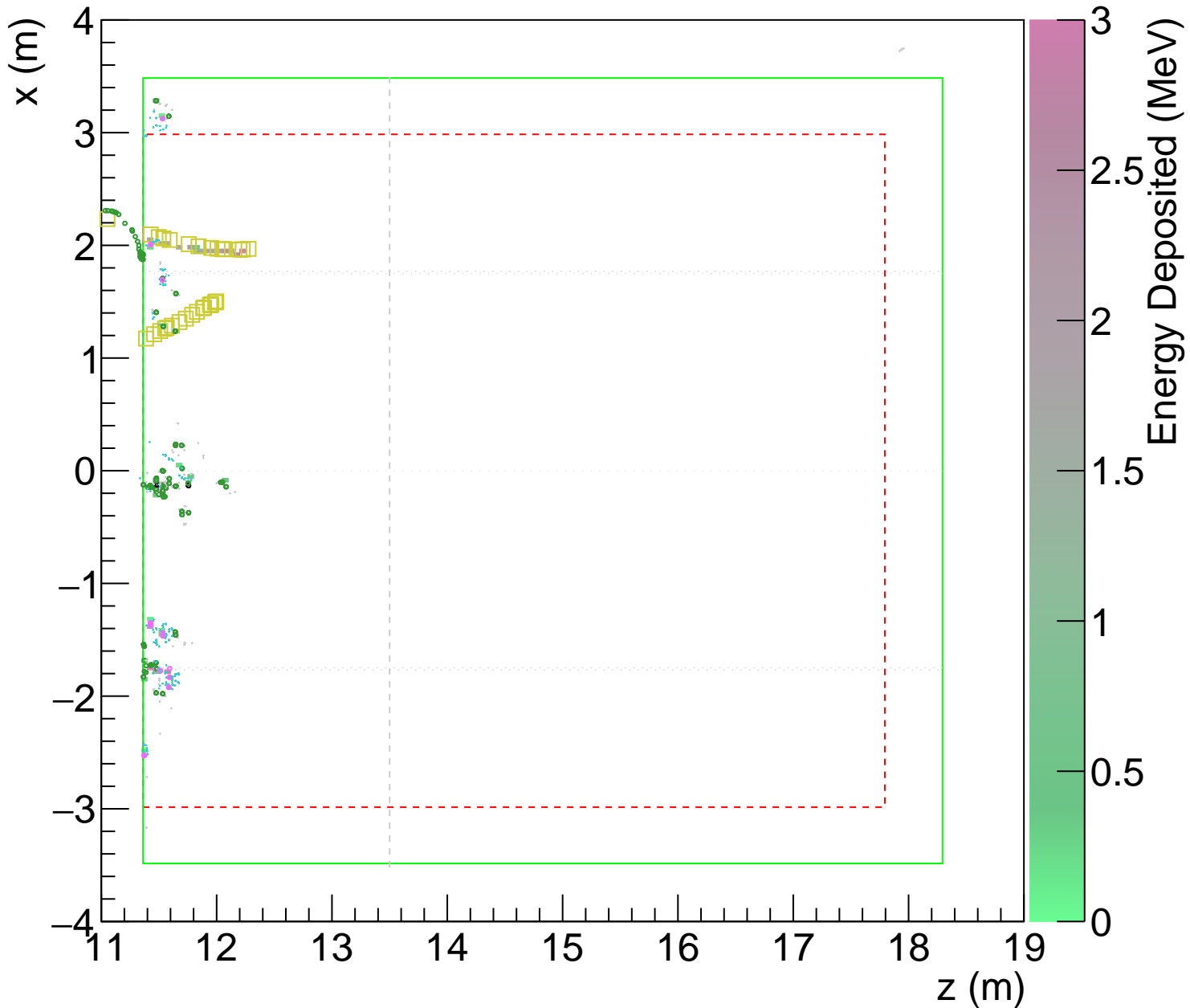


Event 406, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.08$  GeV,  $E_{\mu}^{\text{true}}=0.78$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



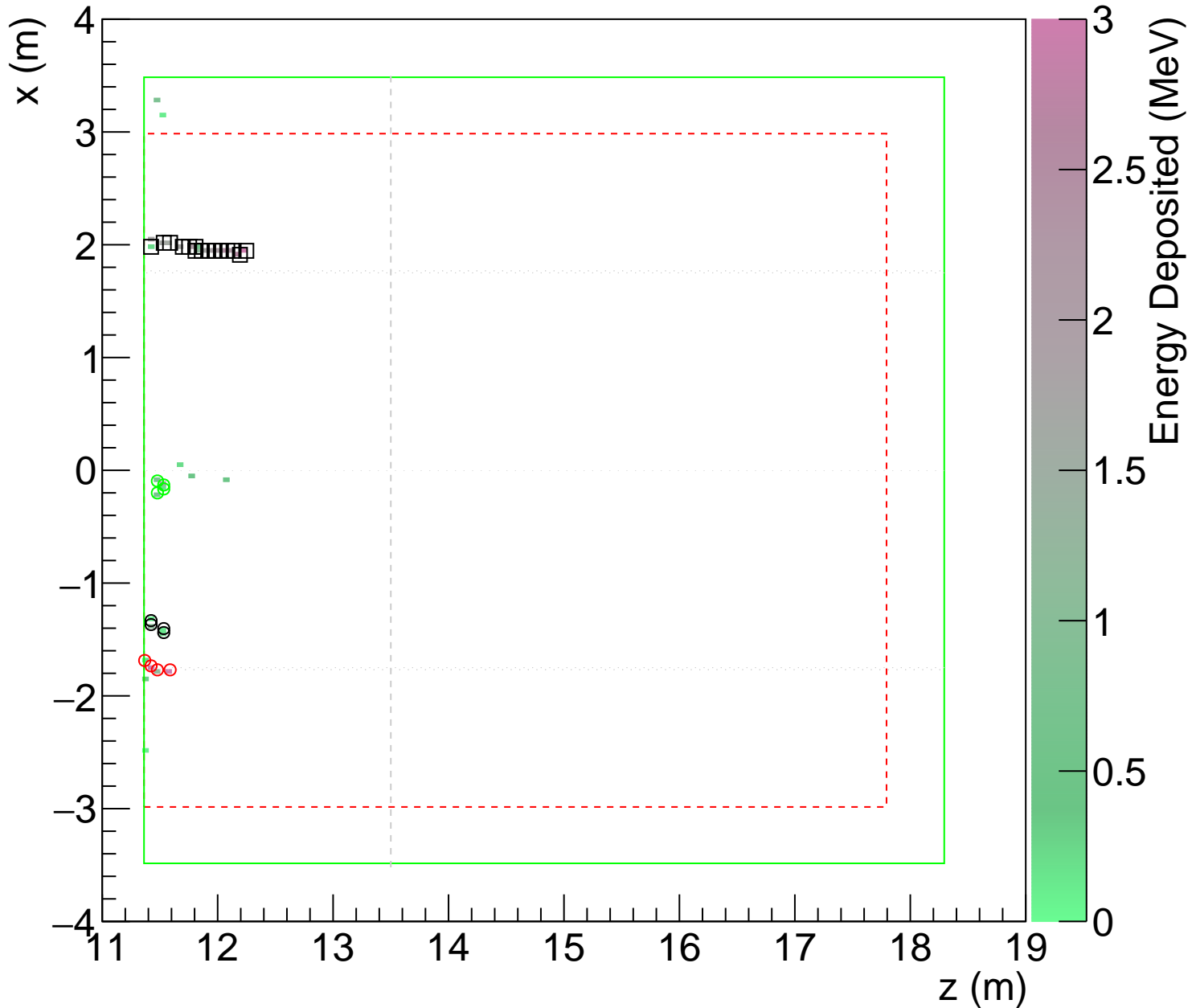


Event 406, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.08$  GeV,  $E_{\mu}^{\text{true}}=0.78$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

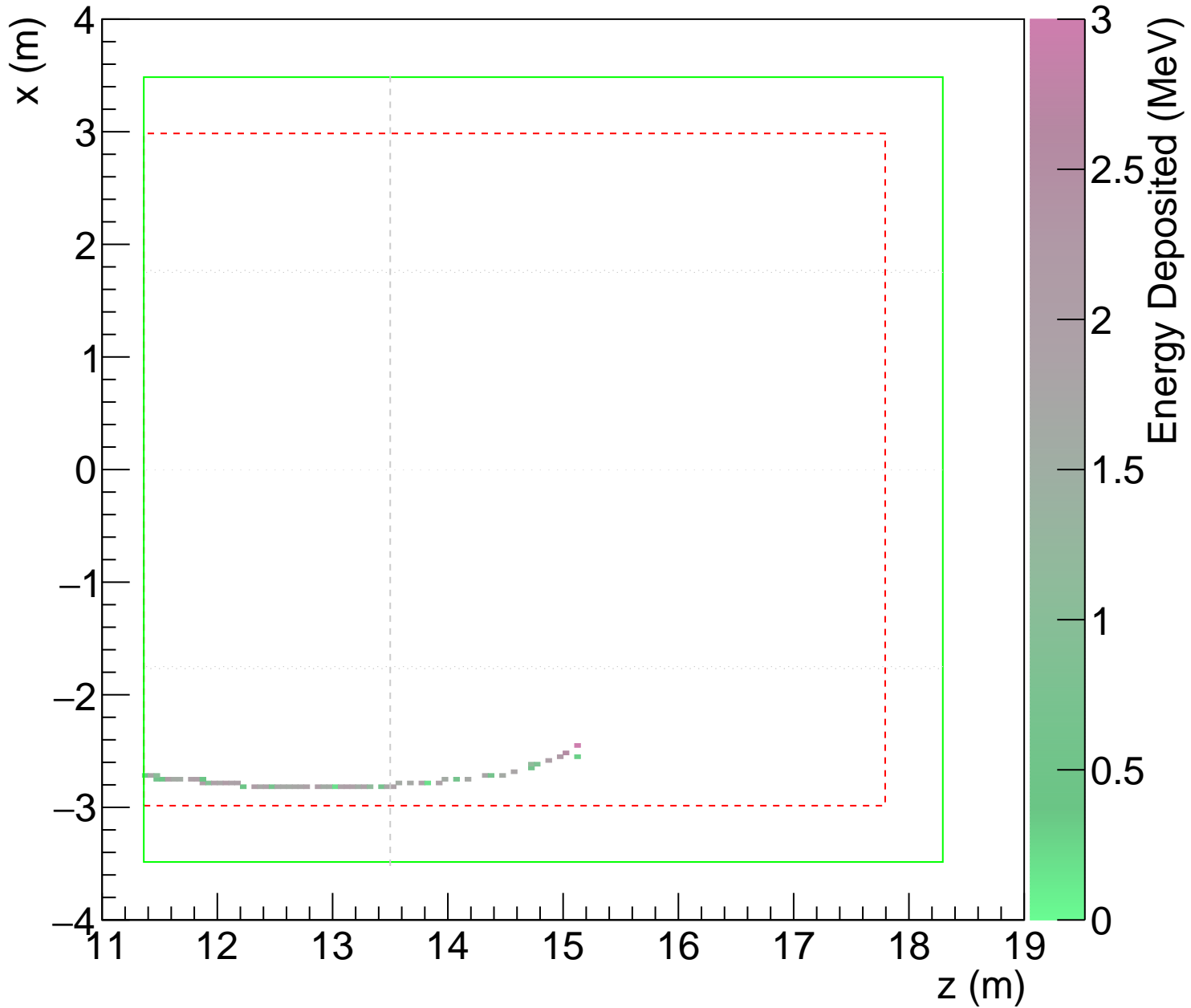


# Event 406 reconstructed

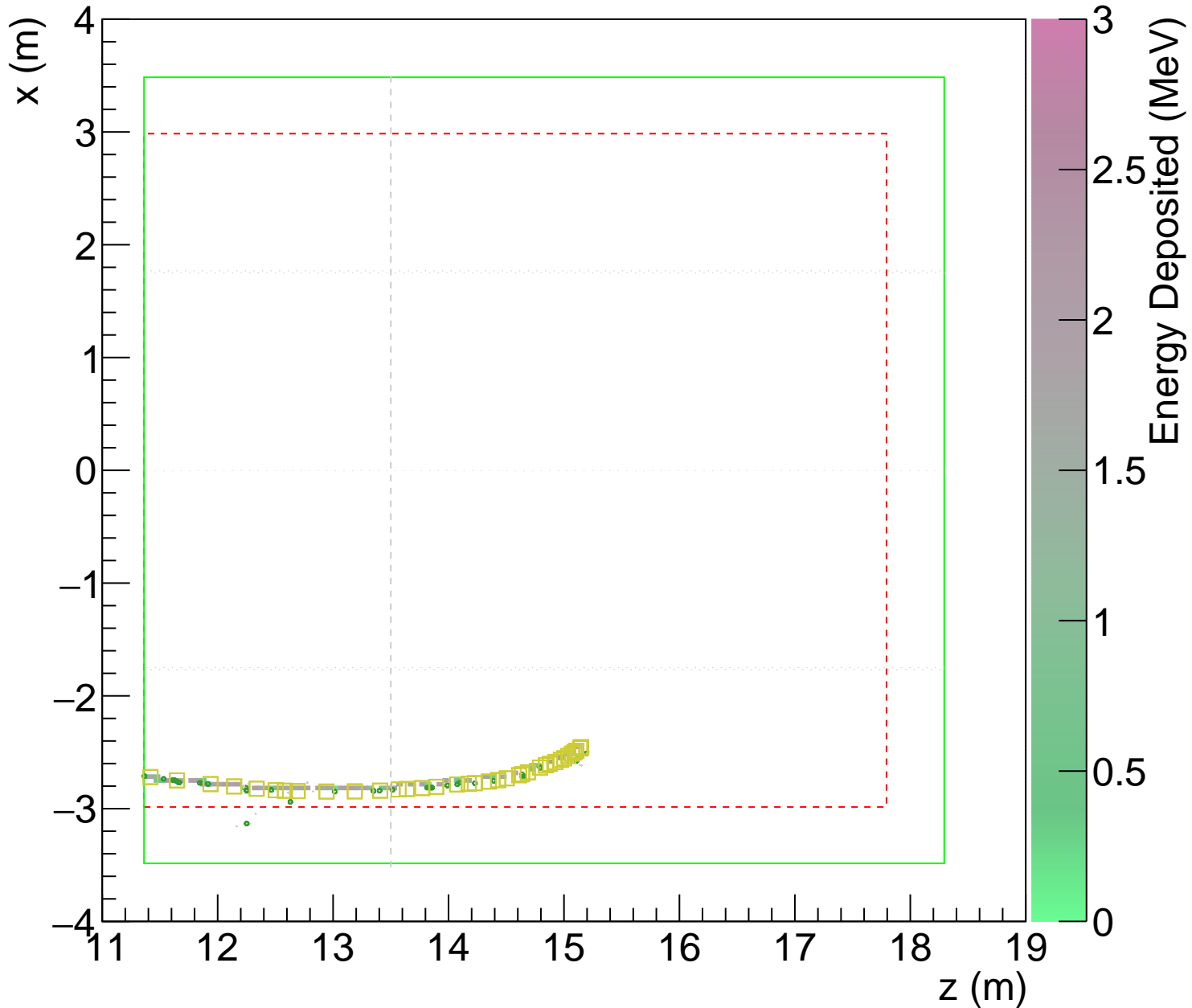
nLines: 1, nClusters: 3



Event 407, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.48$  GeV,  $E_{\mu}^{\text{true}}=3.54$  GeV  
nu:14,tgt:1000240520,N:2112,proc:Weak[CC],RES,res:1,

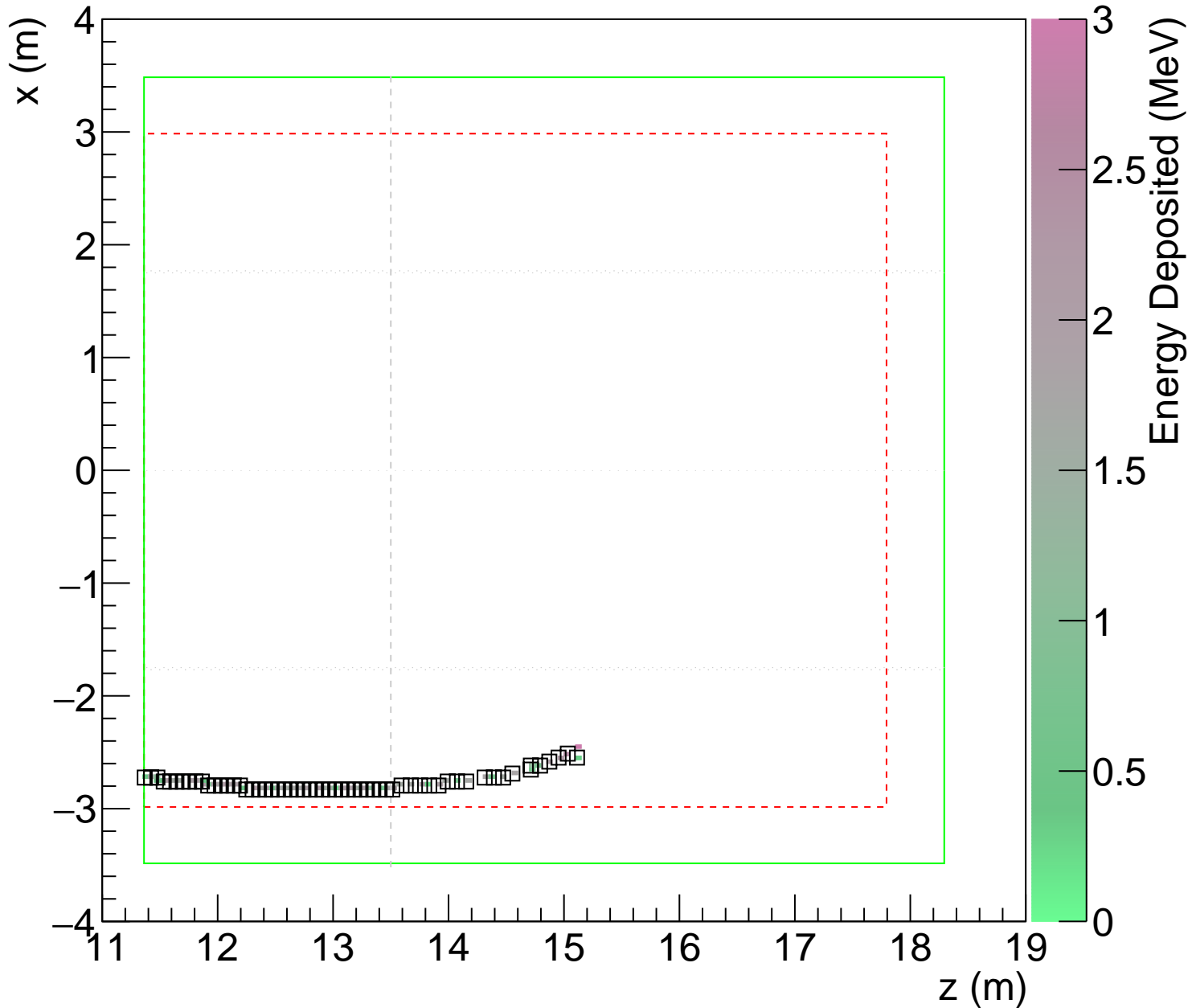


Event 407, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.48$  GeV,  $E_{\mu}^{\text{true}}=3.54$  GeV  
nu:14,tgt:1000240520,N:2112,proc:Weak[CC],RES,res:1,

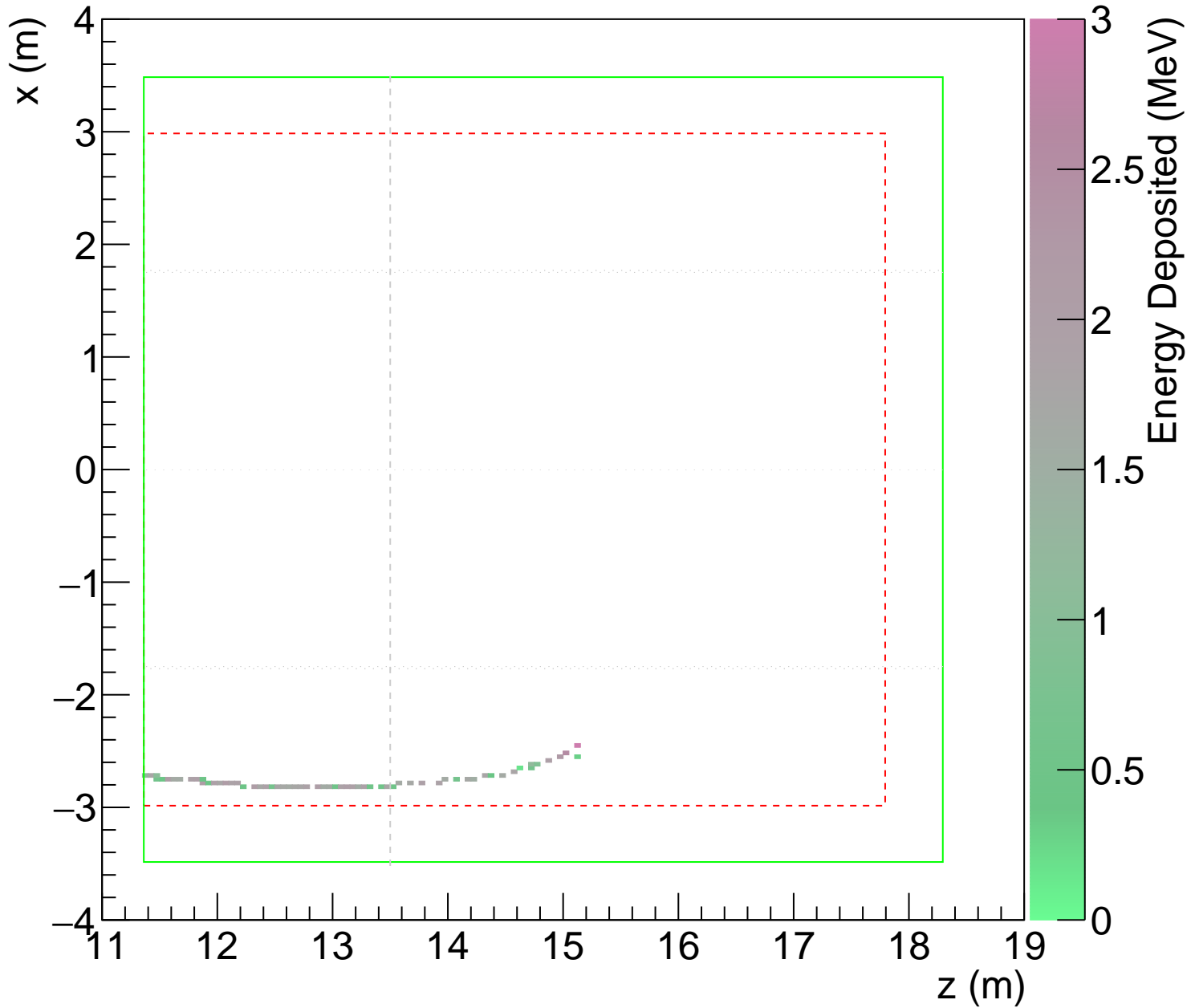


# Event 407 reconstructed

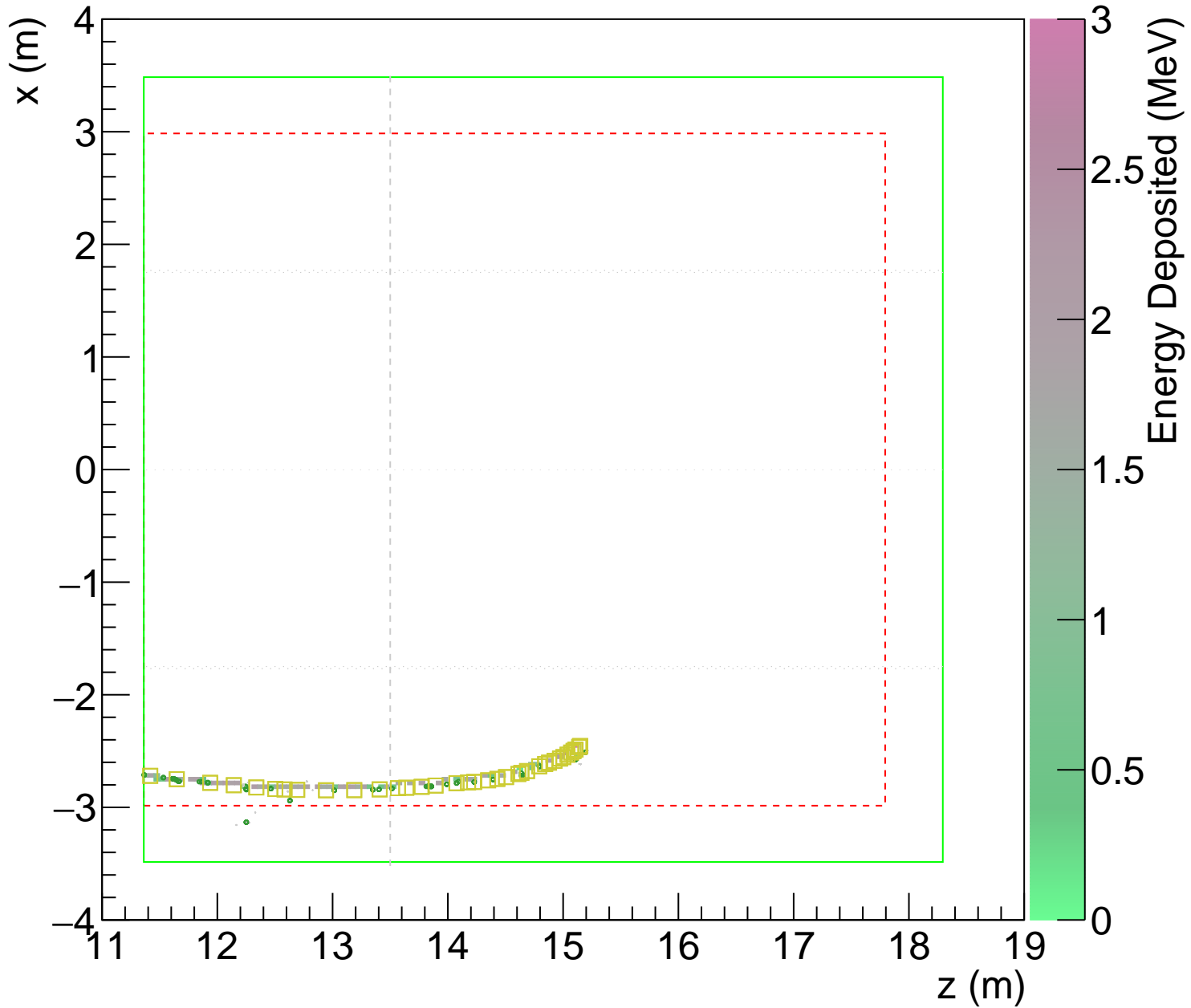
nLines: 1, nClusters: 0



Event 408, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.64$  GeV,  $E_{\mu}^{\text{true}}=3.54$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

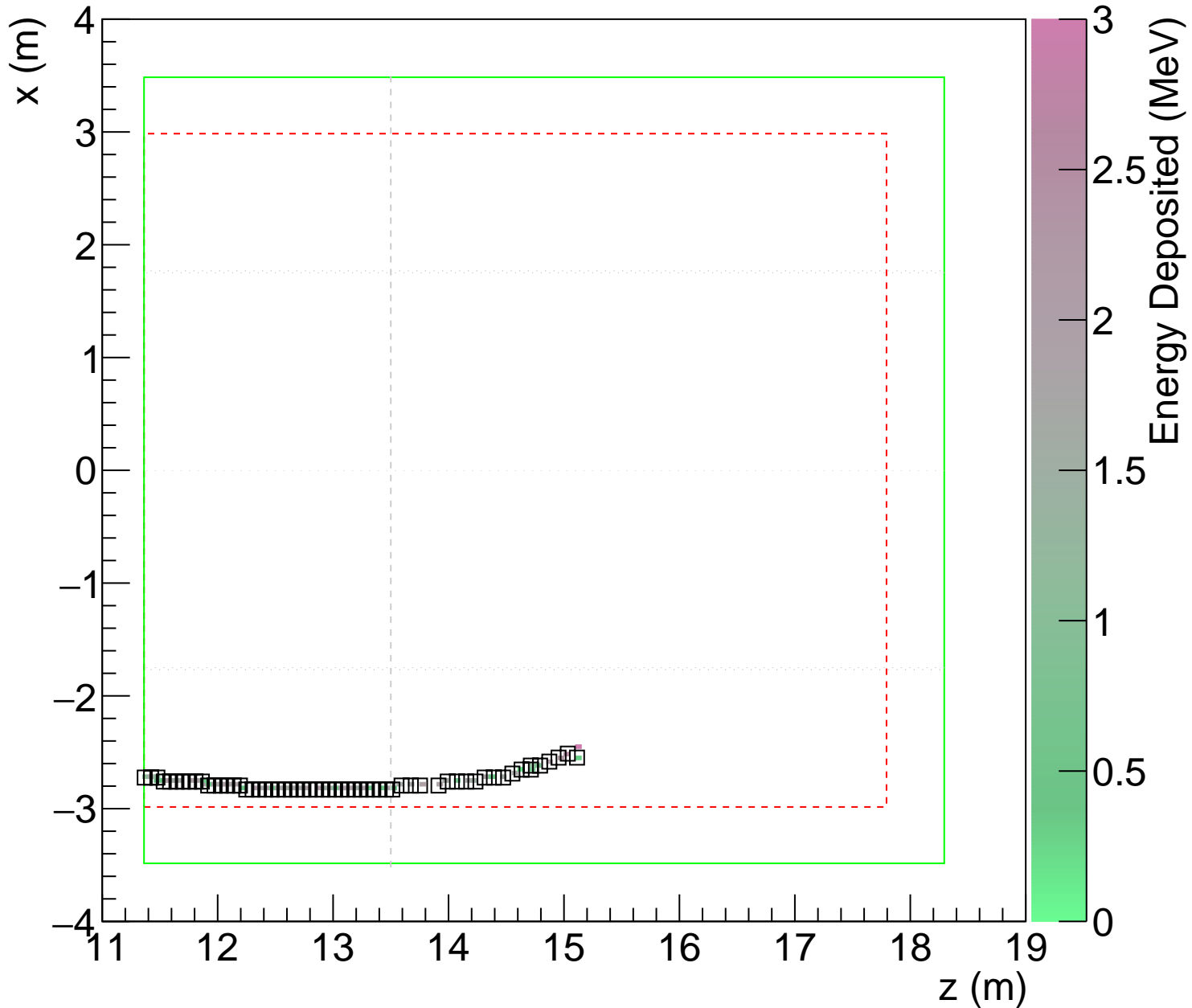


Event 408, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.64$  GeV,  $E_{\mu}^{\text{true}}=3.54$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,



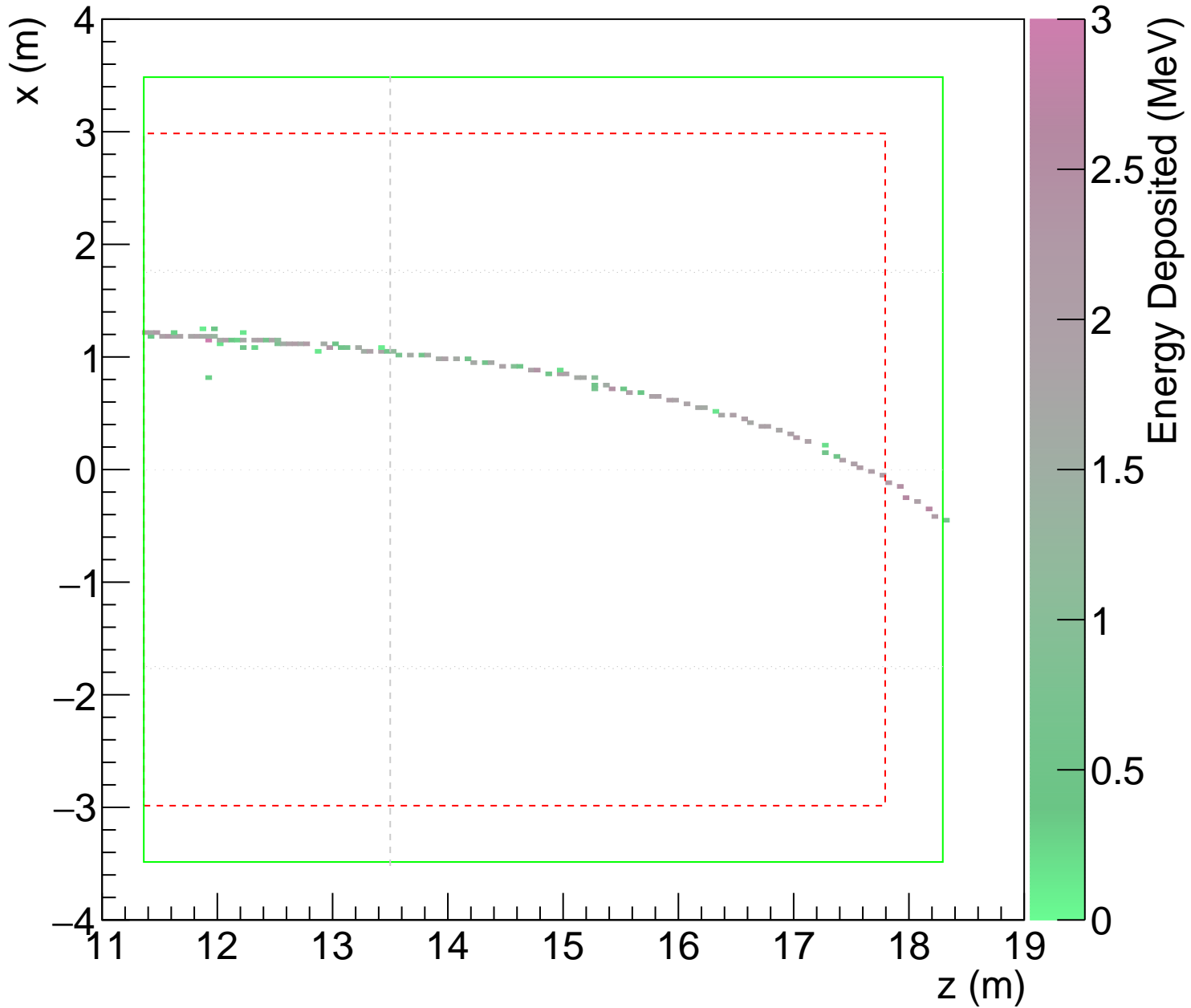
# Event 408 reconstructed

nLines: 1, nClusters: 0

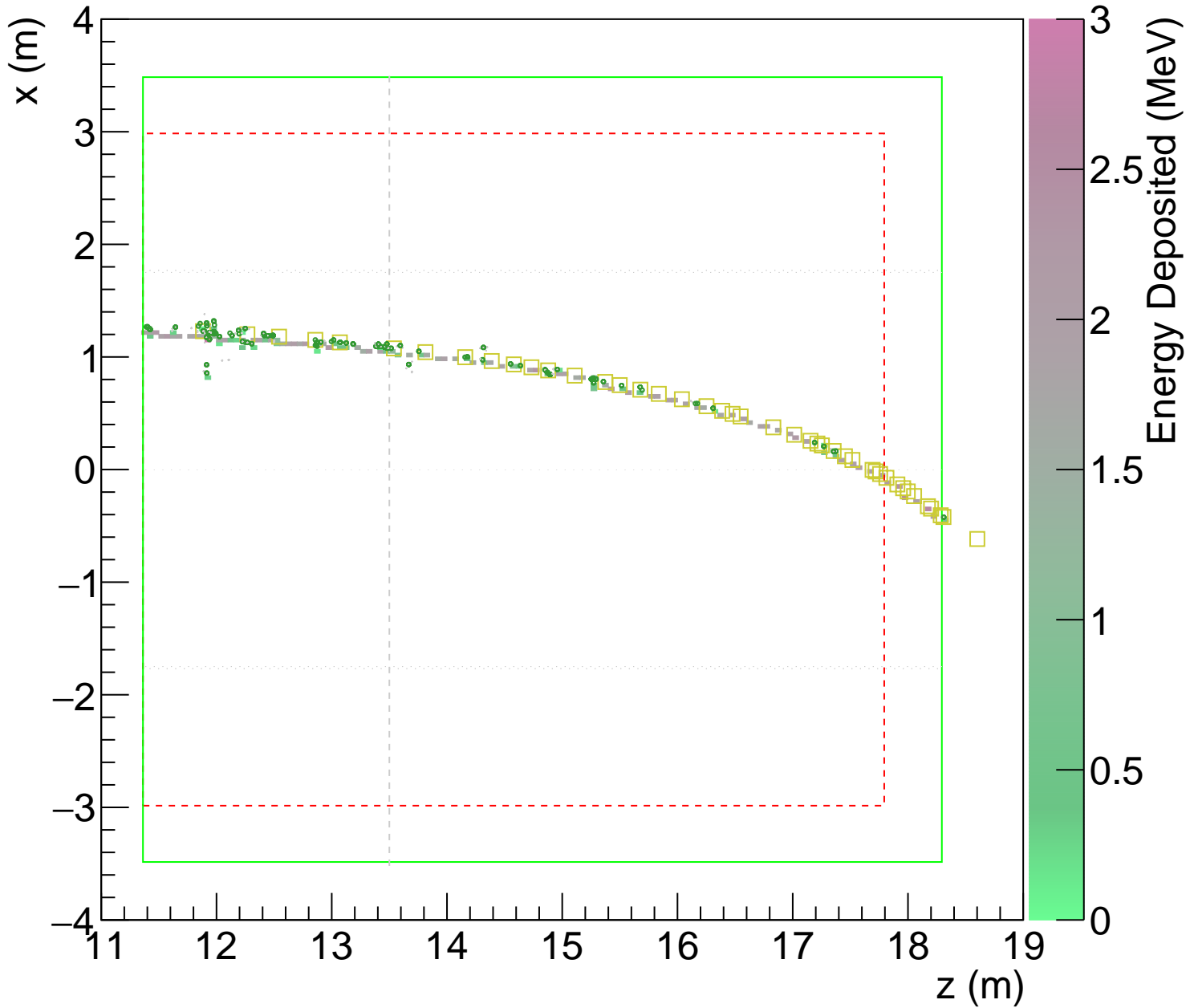




Event 409, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.64$  GeV,  $E_{\mu}^{\text{true}}=6.50$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

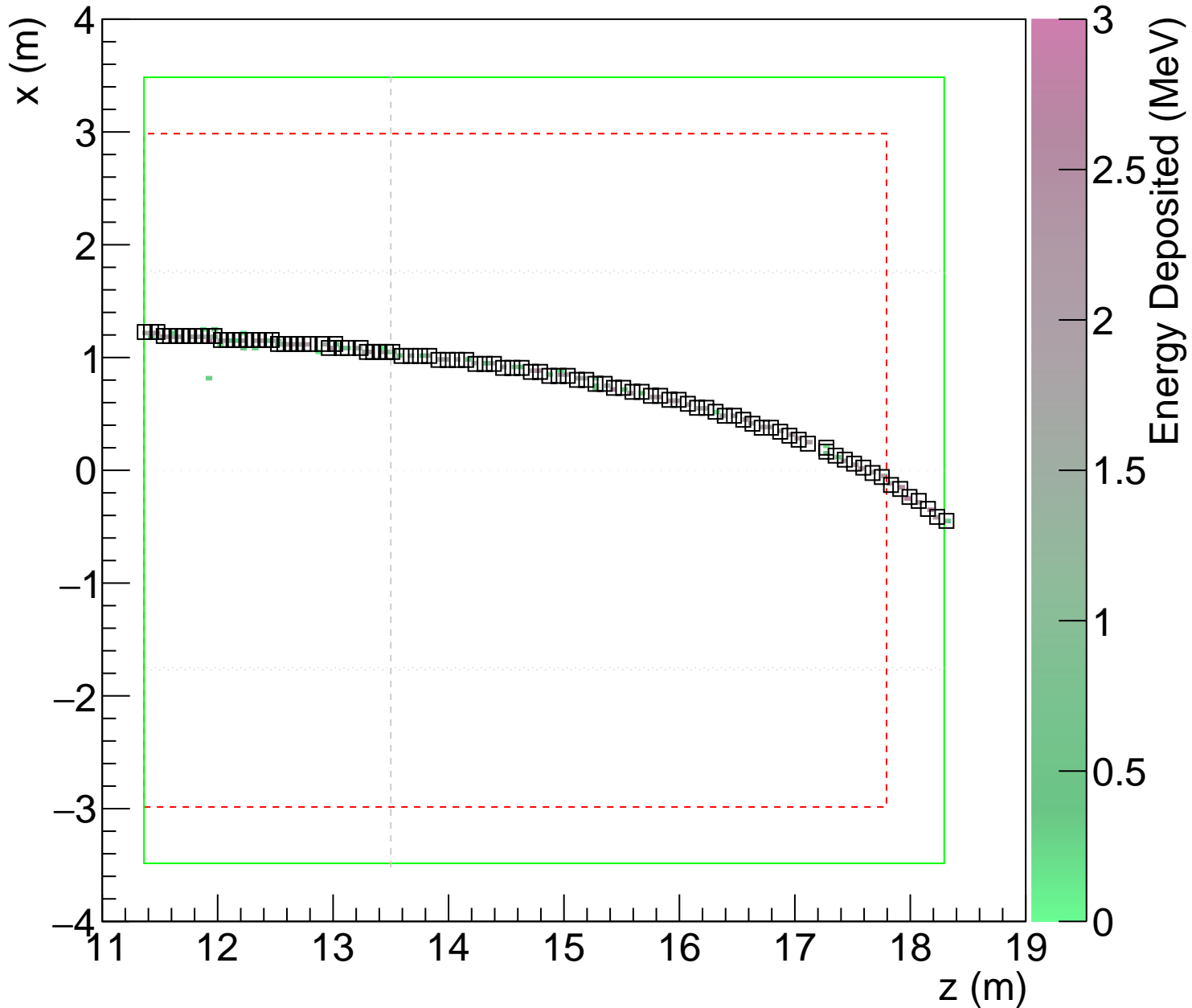


Event 409, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=15.64$  GeV,  $E_{\mu}^{\text{true}}=6.50$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



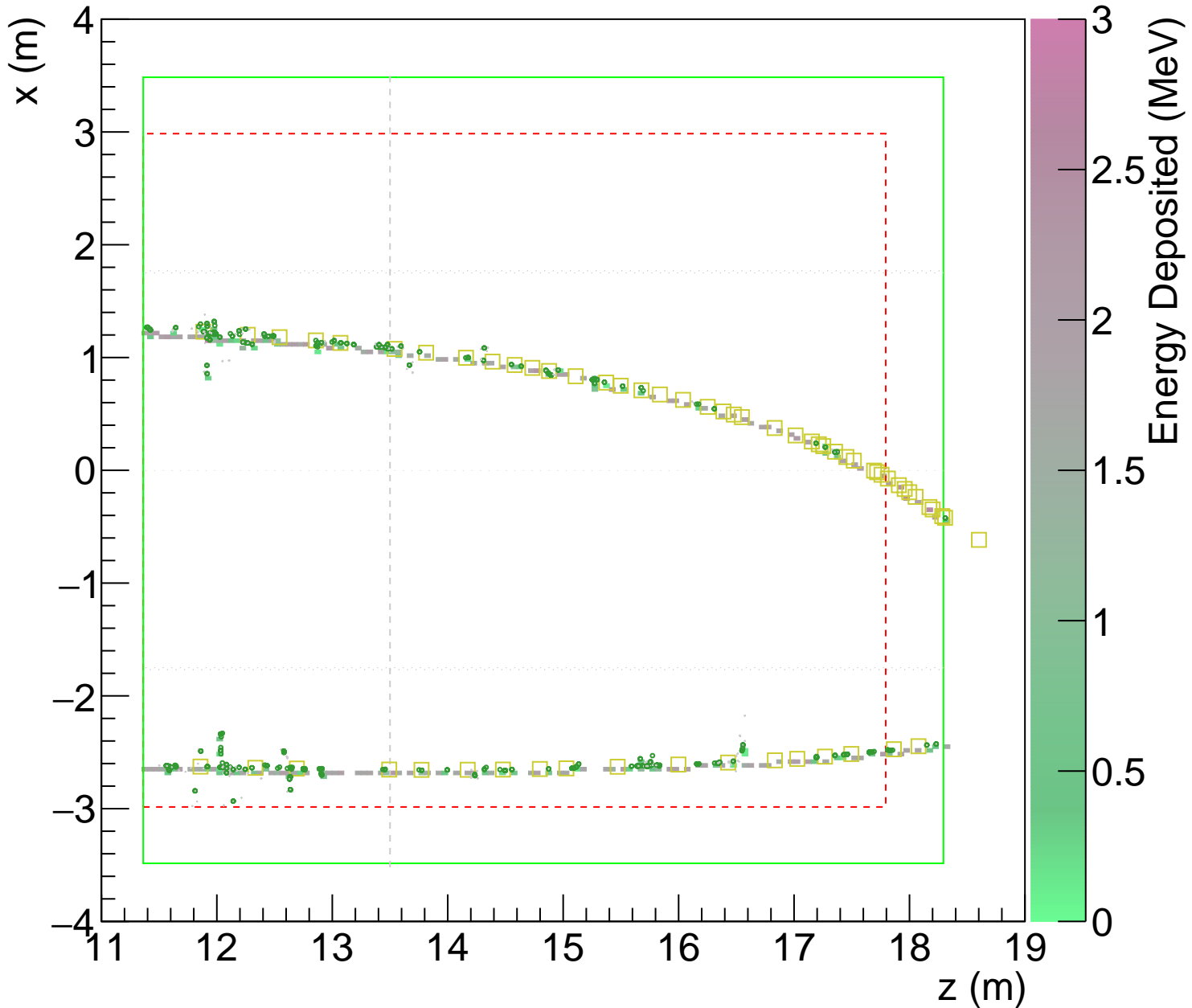
# Event 409 reconstructed

nLines: 1, nClusters: 0



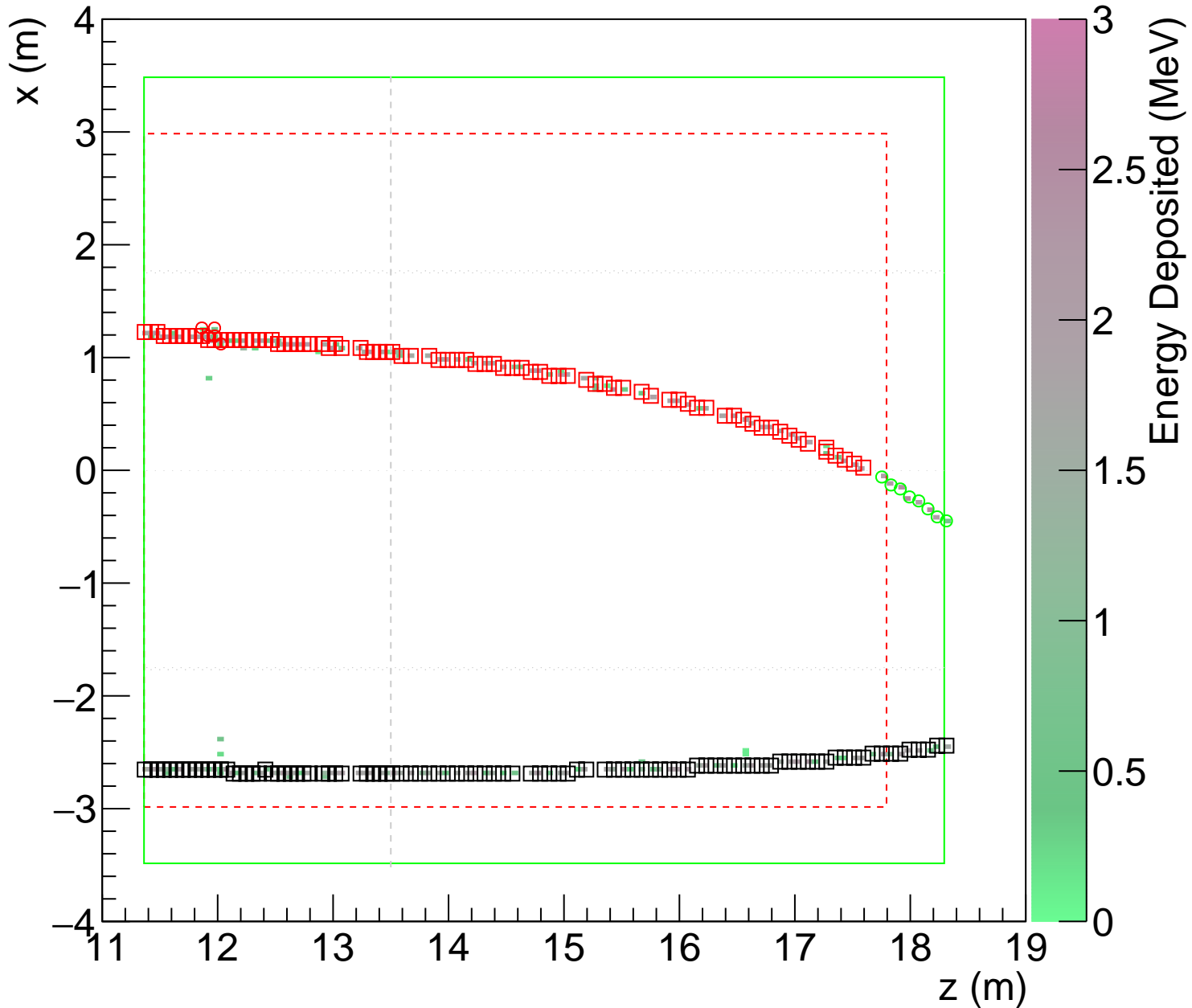


Event 410, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=10.97$  GeV,  $E_{\mu}^{\text{true}}=9.76$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

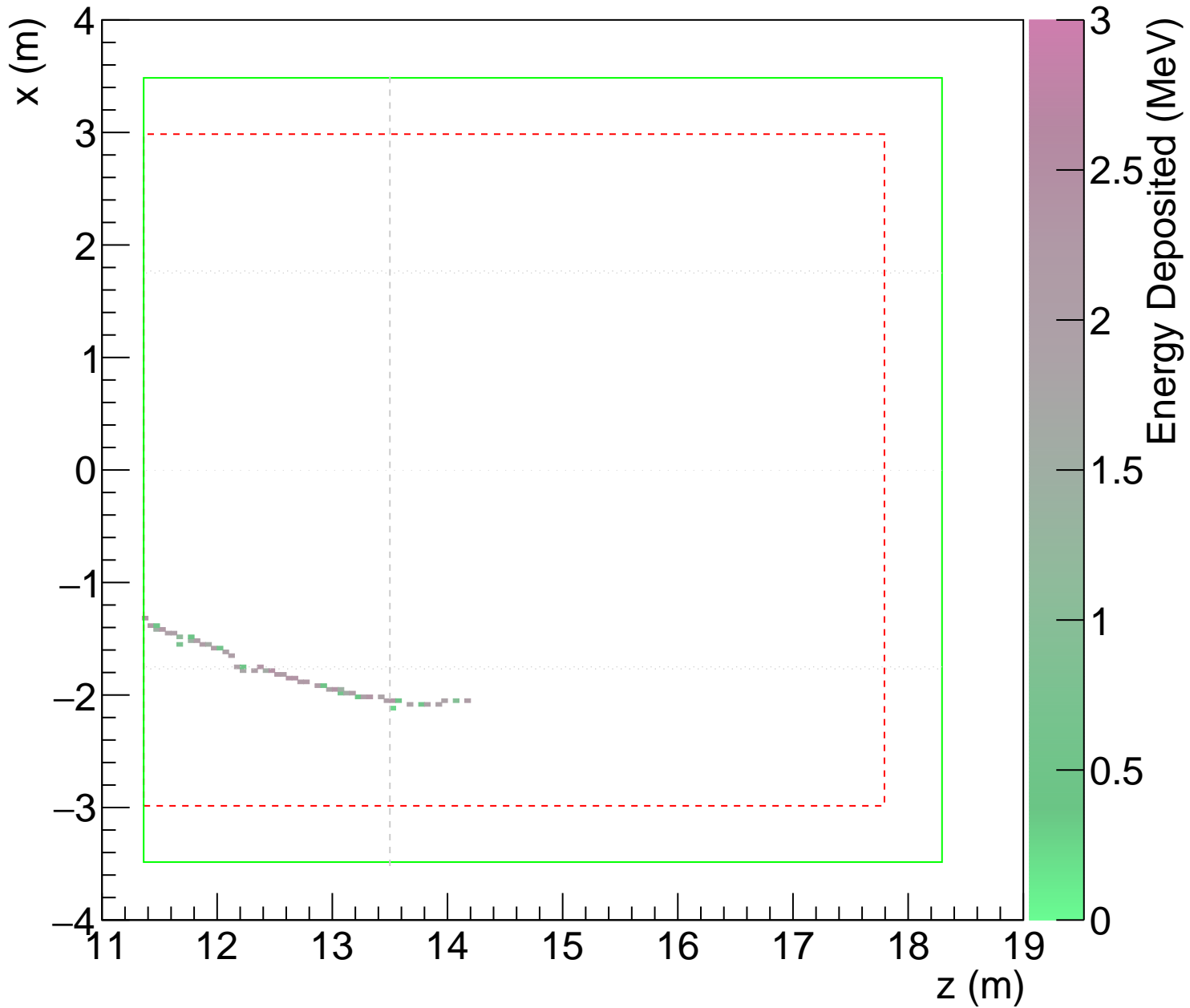


# Event 410 reconstructed

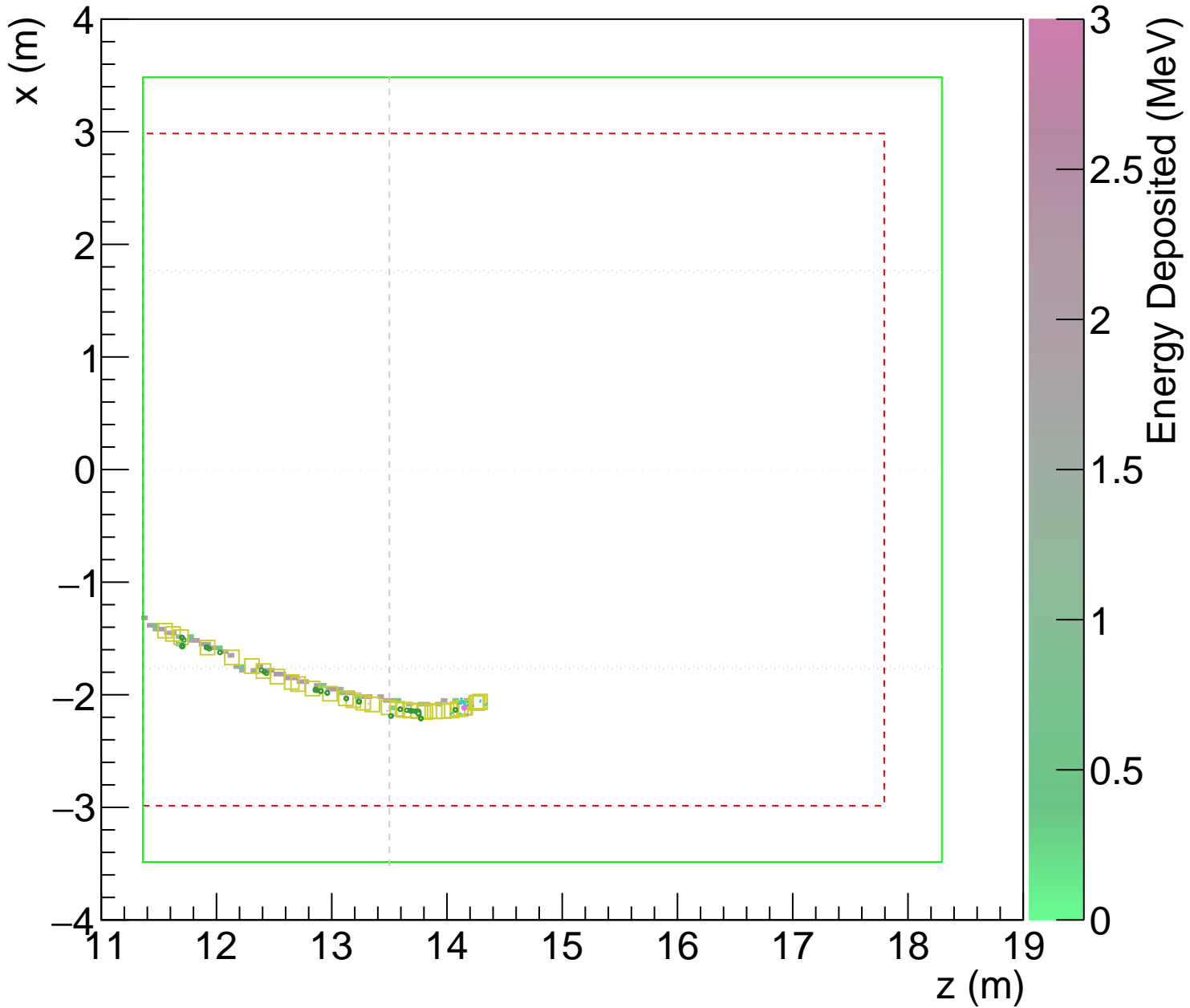
nLines: 2, nClusters: 2



Event 413, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.68$  GeV,  $E_{\mu}^{\text{true}}=1.84$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



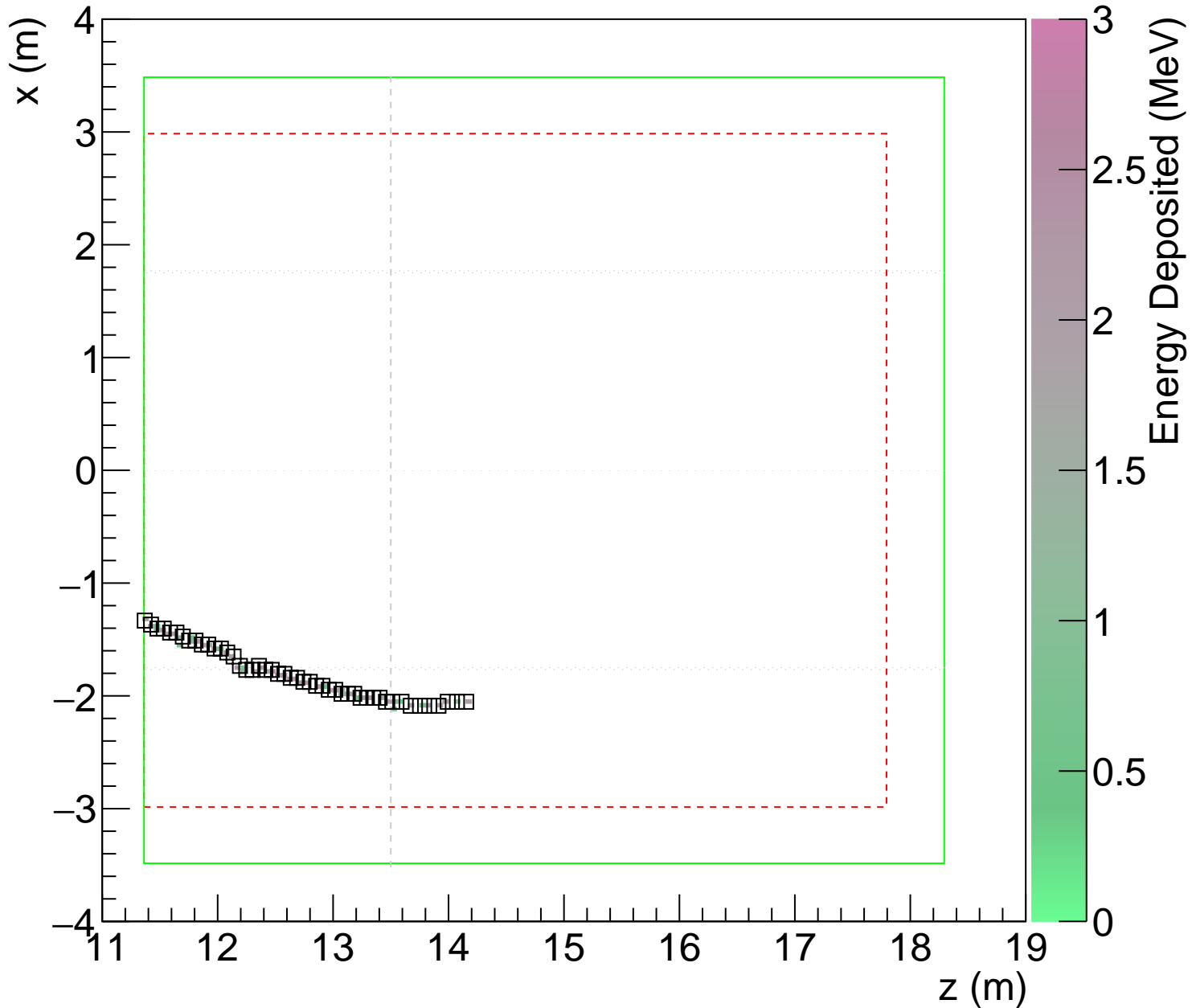
Event 413, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.68$  GeV,  $E_{\mu}^{\text{true}}=1.84$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



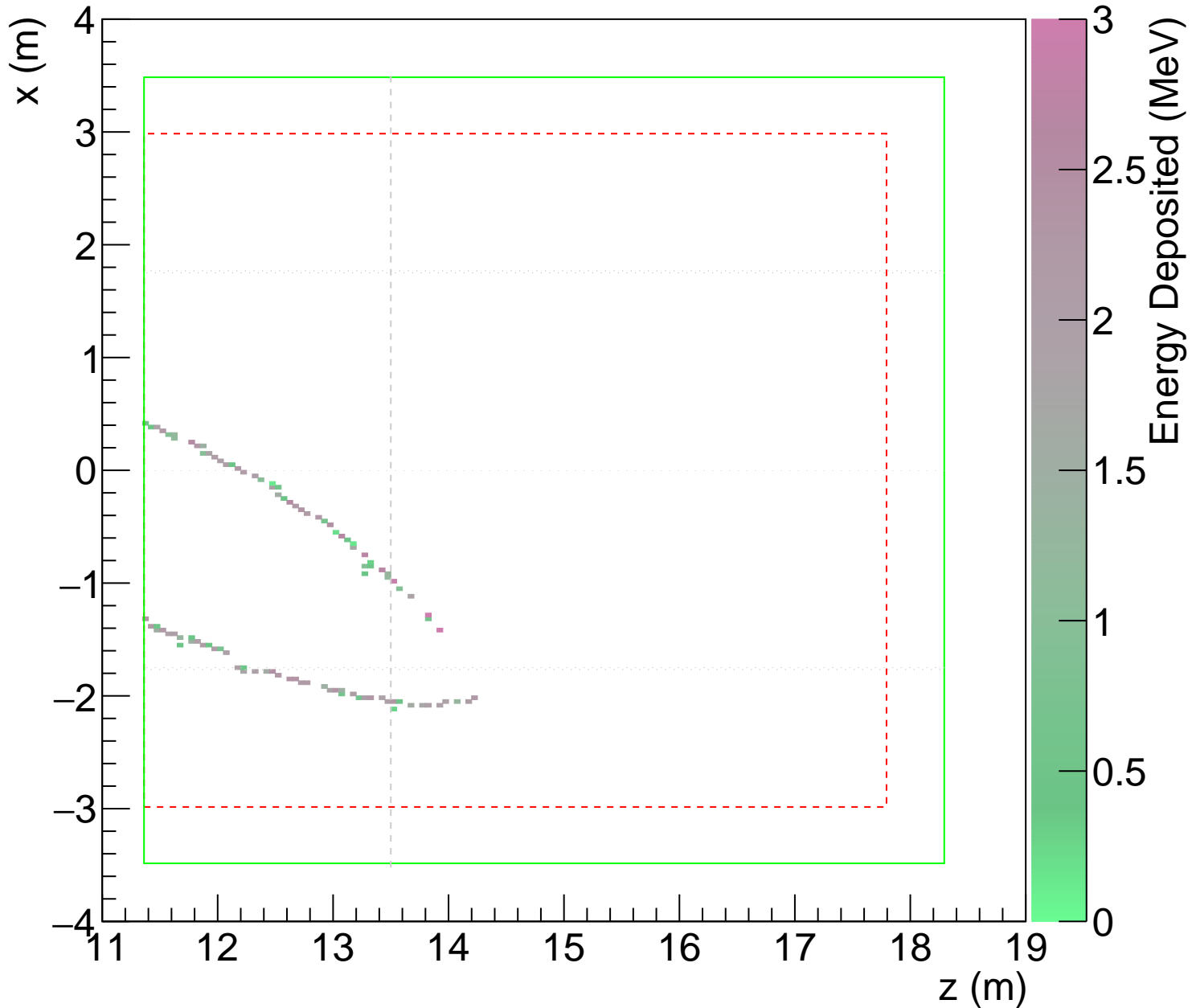


# Event 413 reconstructed

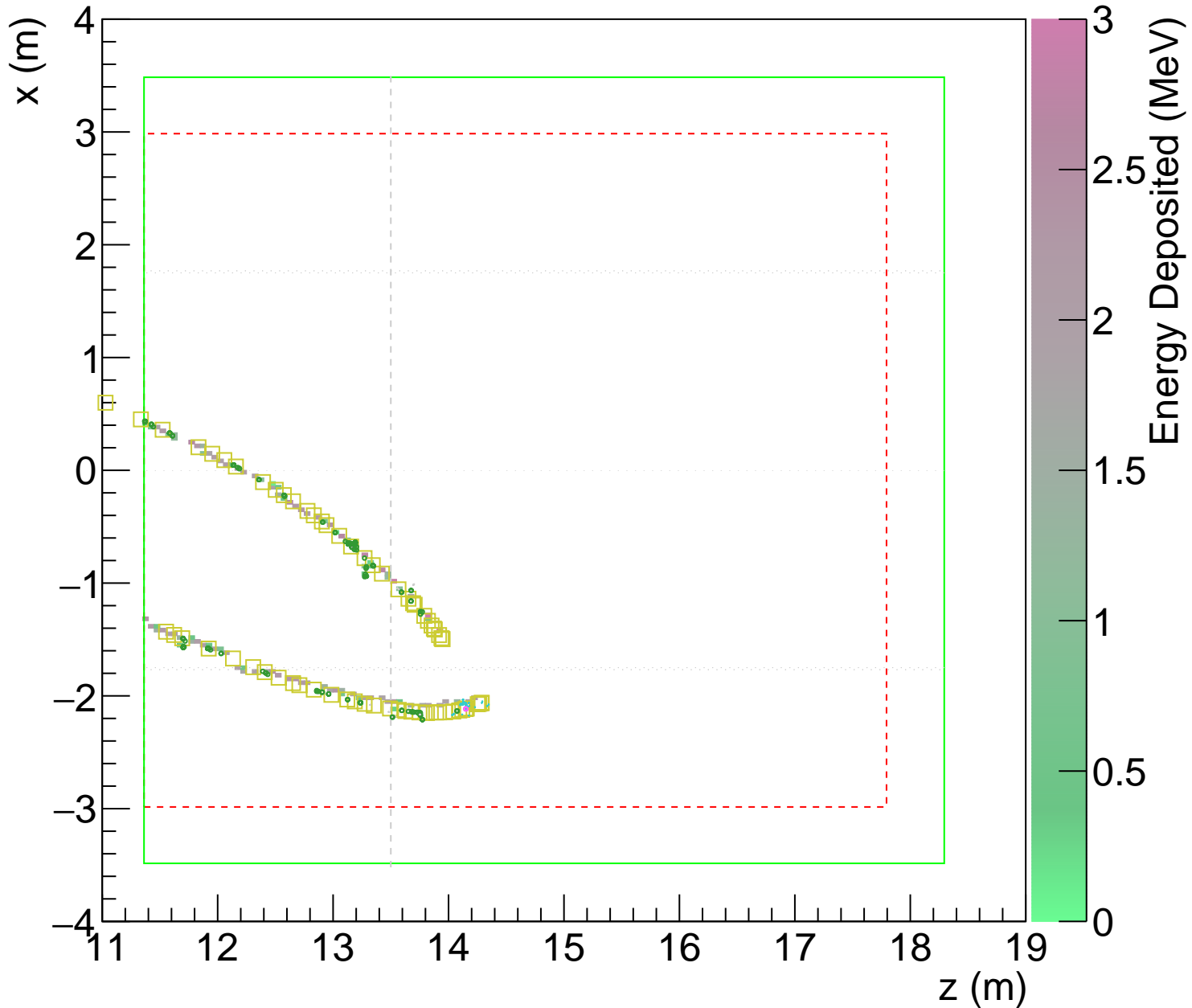
nLines: 1, nClusters: 0



Event 414, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.13$  GeV,  $E_{\mu}^{\text{true}}=2.07$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

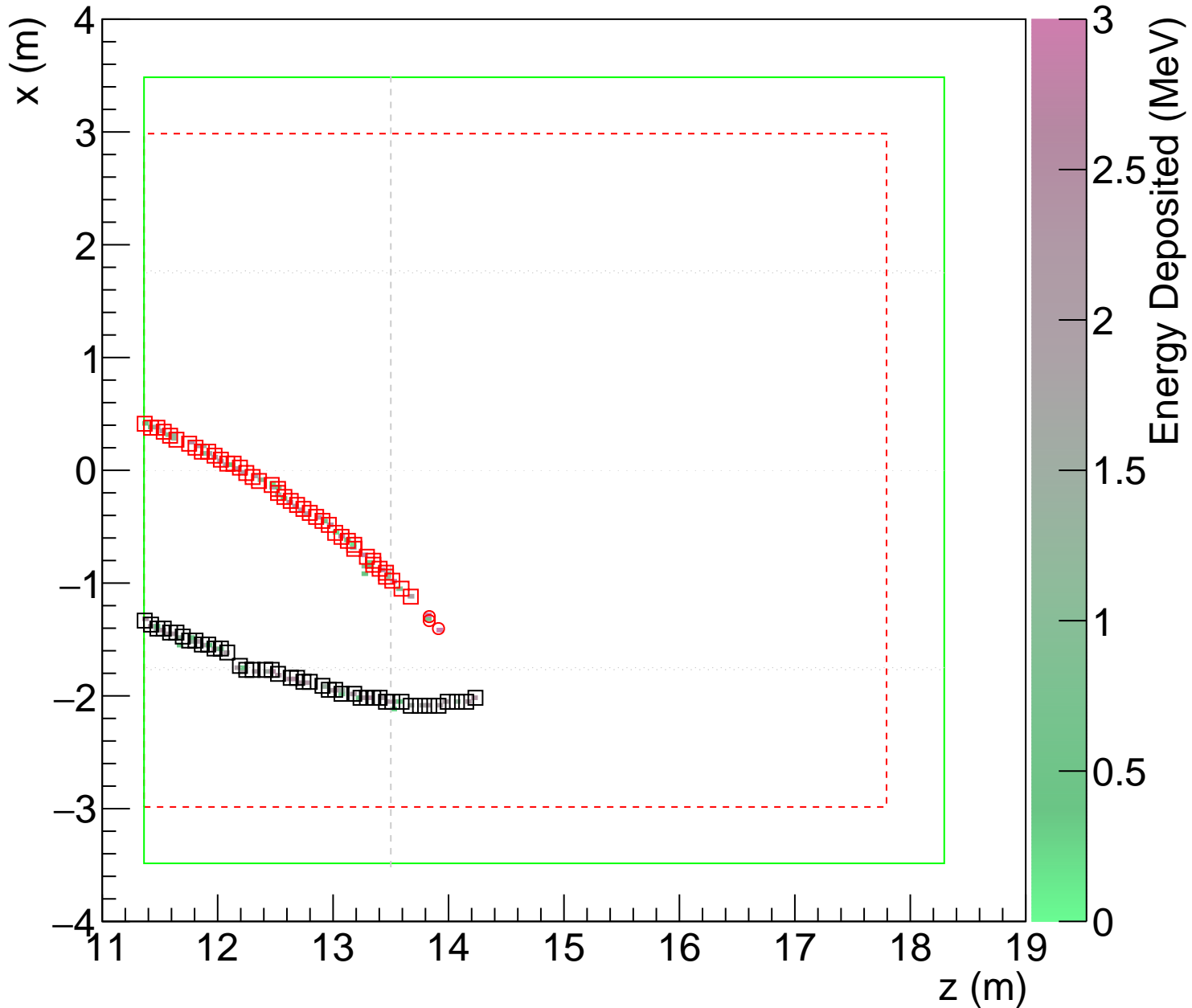


Event 414, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.13$  GeV,  $E_{\mu}^{\text{true}}=2.07$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:1,

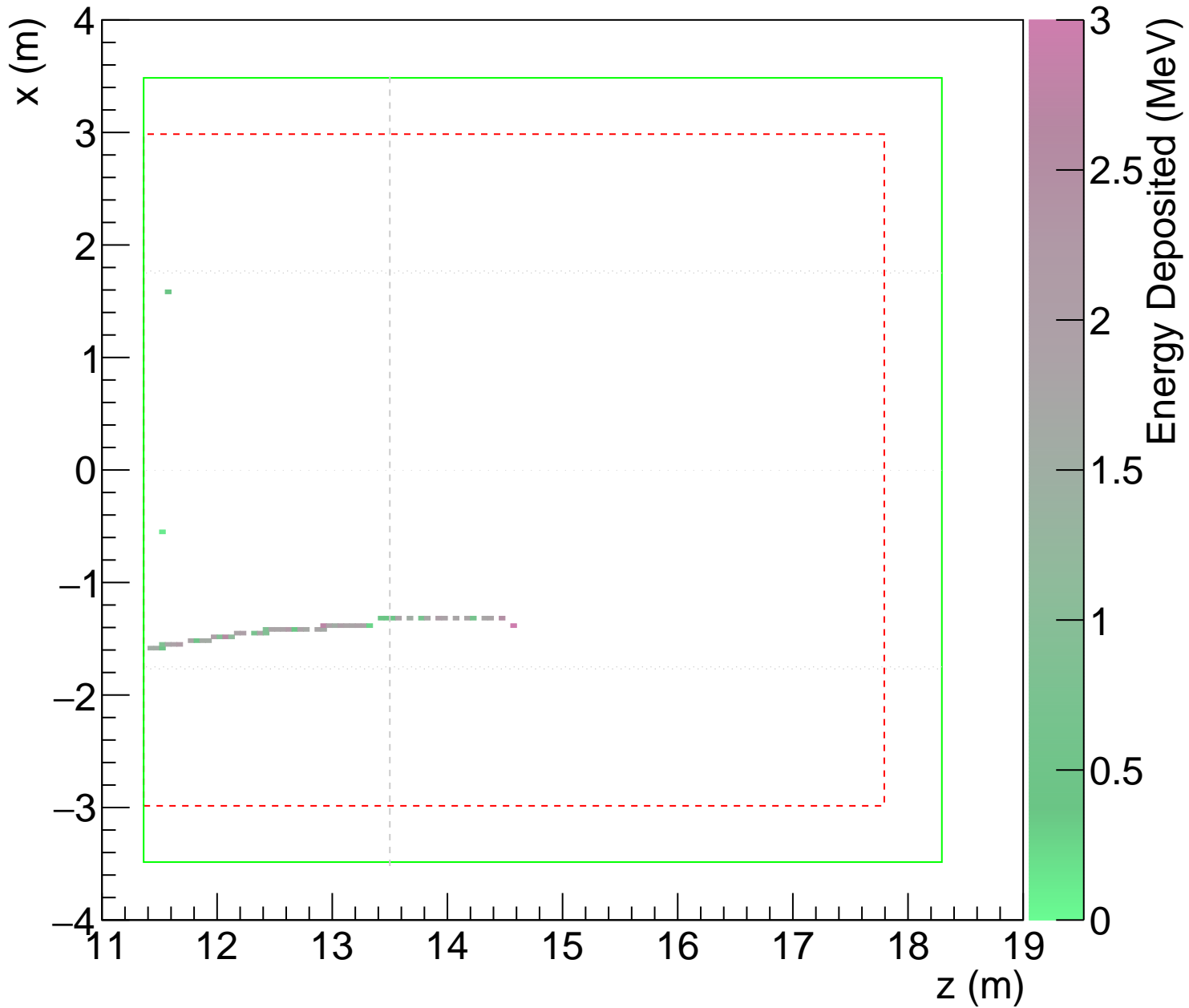


# Event 414 reconstructed

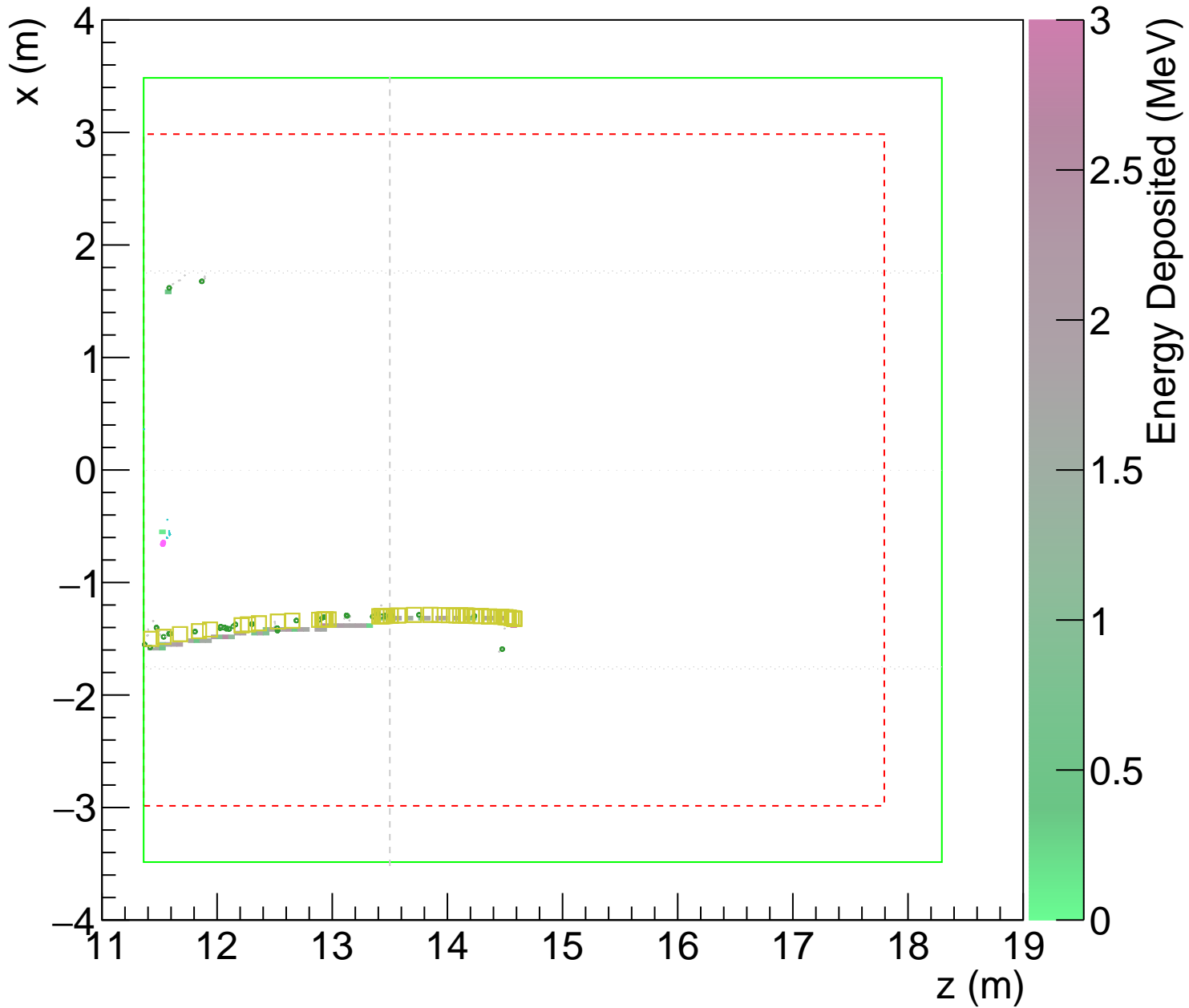
nLines: 2, nClusters: 1



Event 417, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.54$  GeV,  $E_{\mu}^{\text{true}}=1.83$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

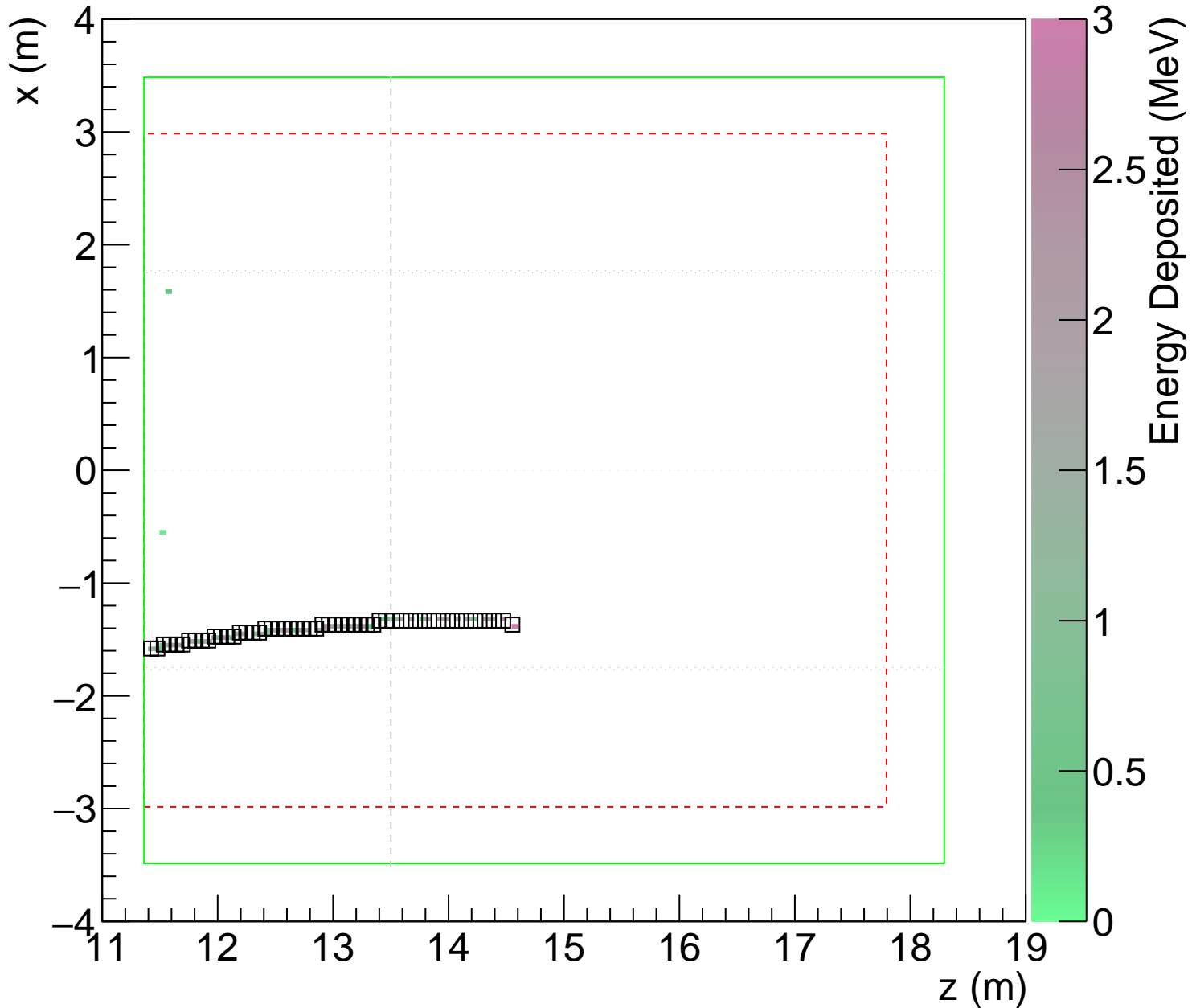


Event 417, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.54$  GeV,  $E_{\mu}^{\text{true}}=1.83$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

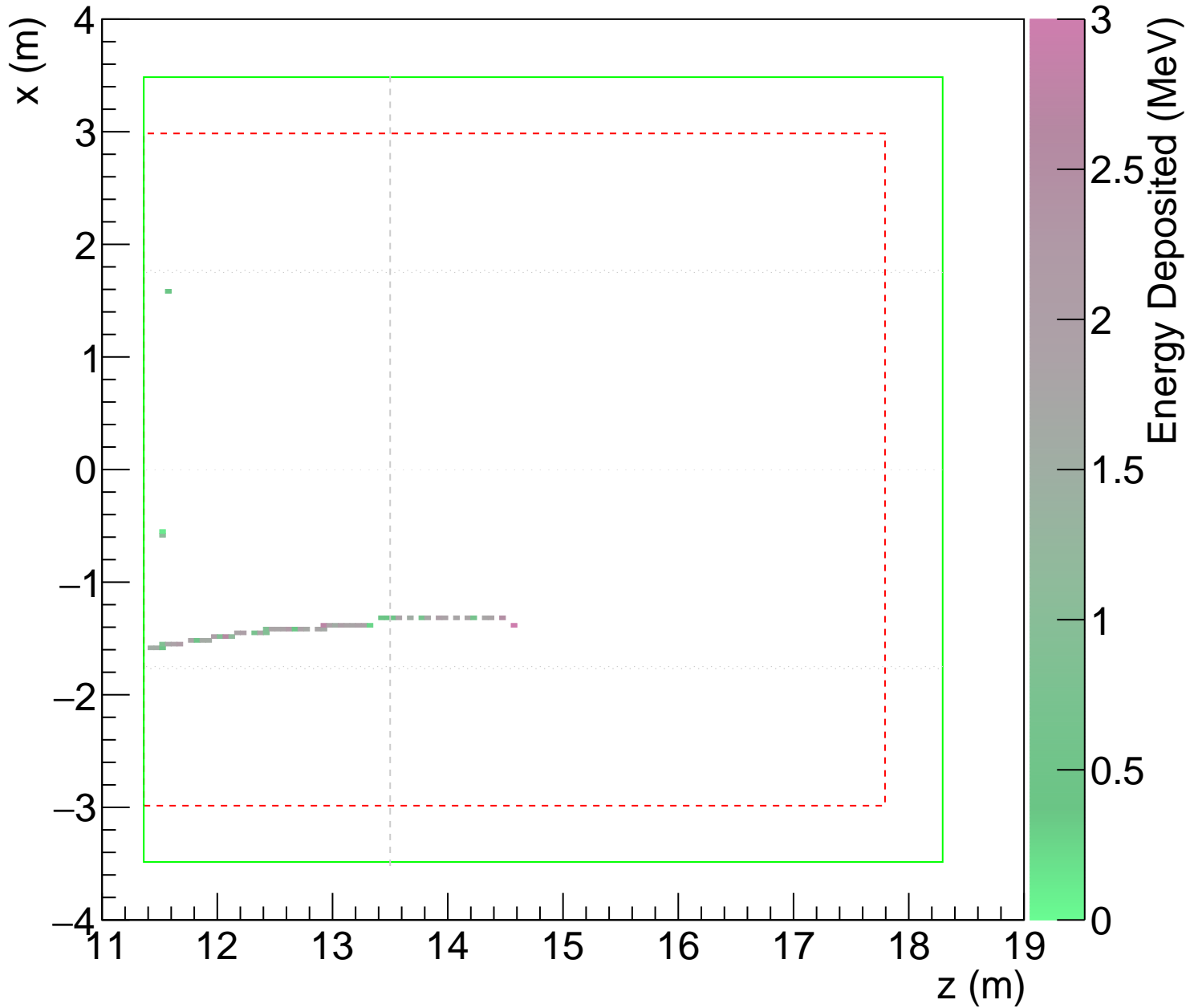


# Event 417 reconstructed

nLines: 1, nClusters: 0

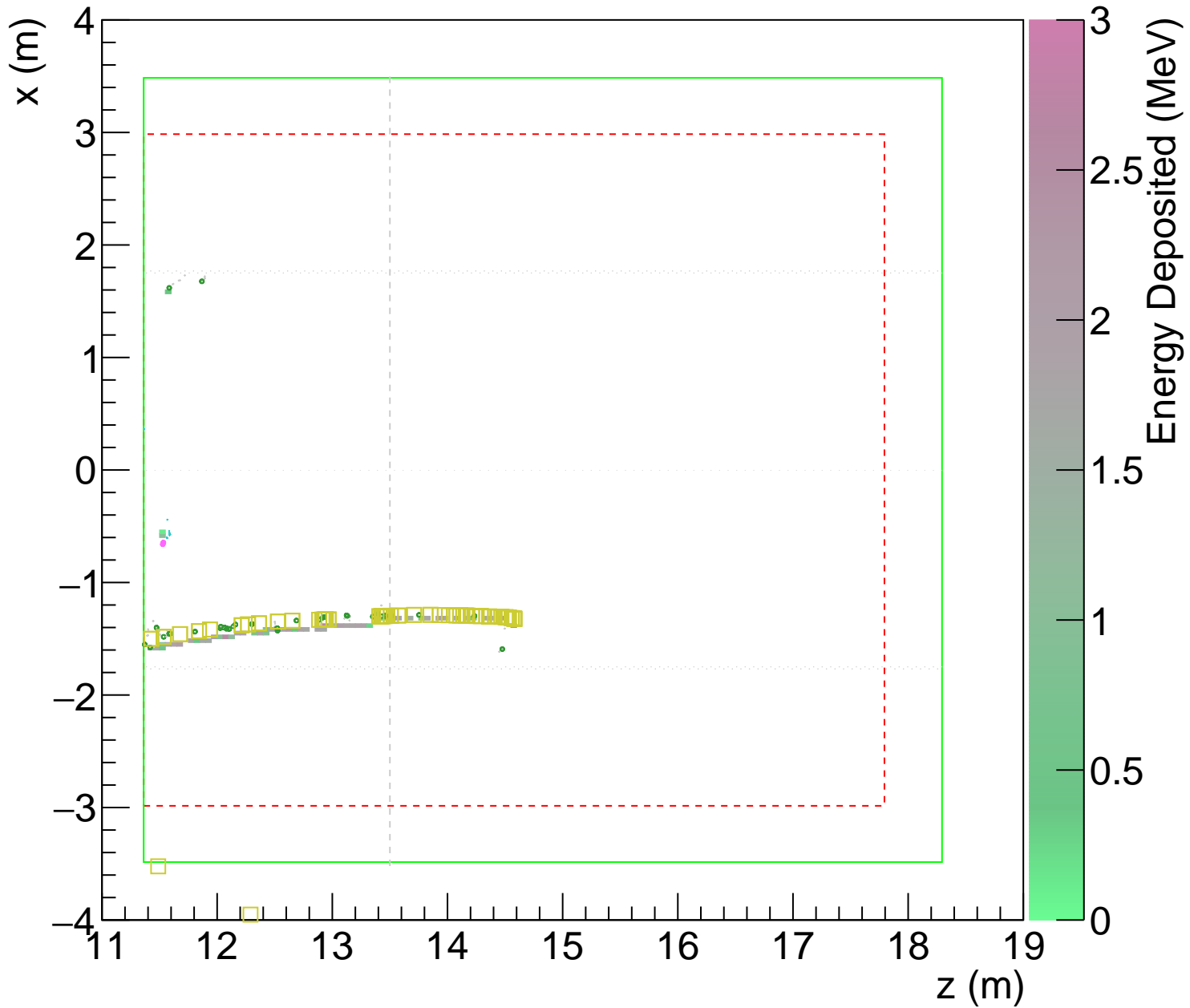


Event 418, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.54$  GeV,  $E_{\mu}^{\text{true}}=1.83$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



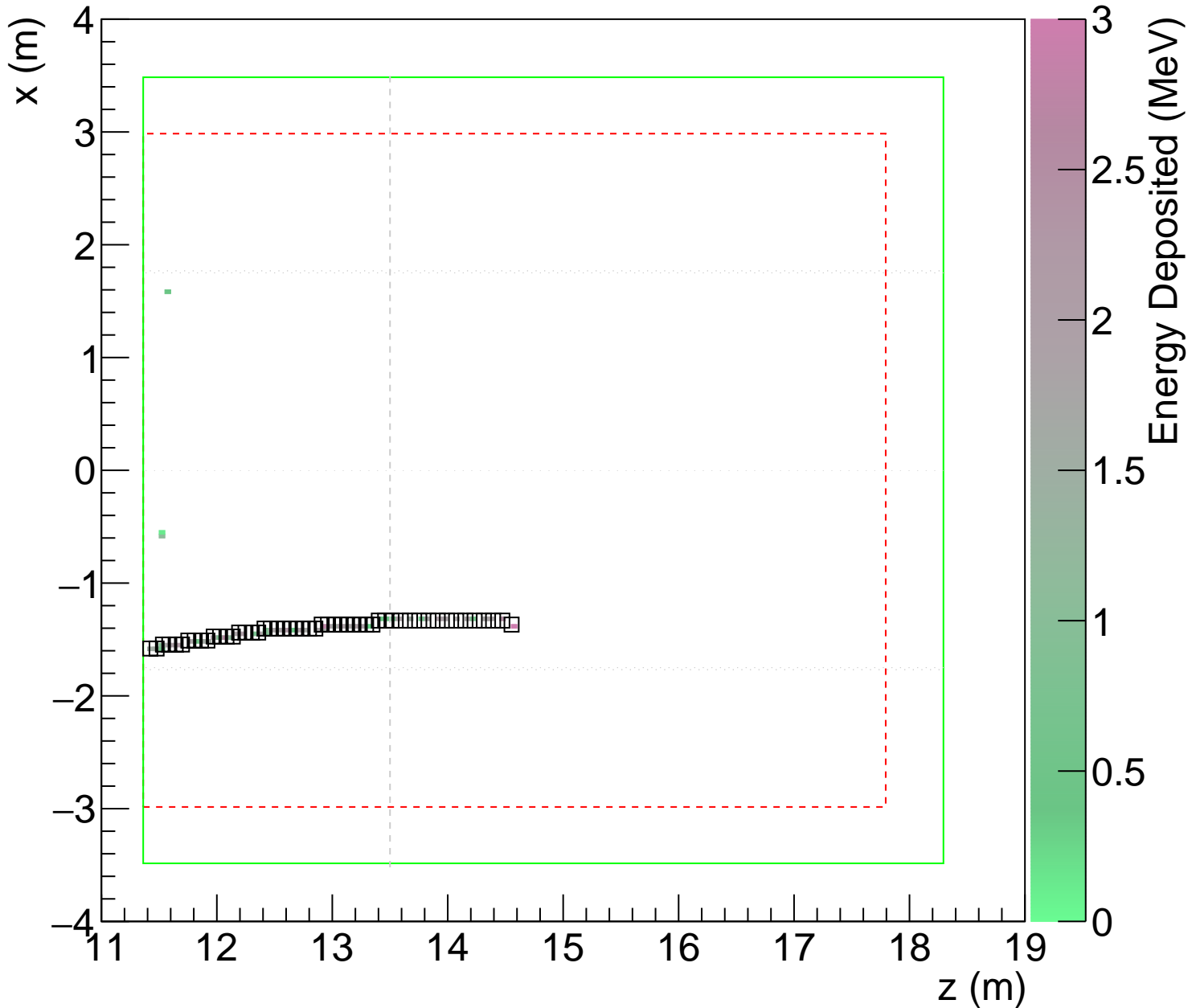


Event 418, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.54$  GeV,  $E_{\mu}^{\text{true}}=1.83$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

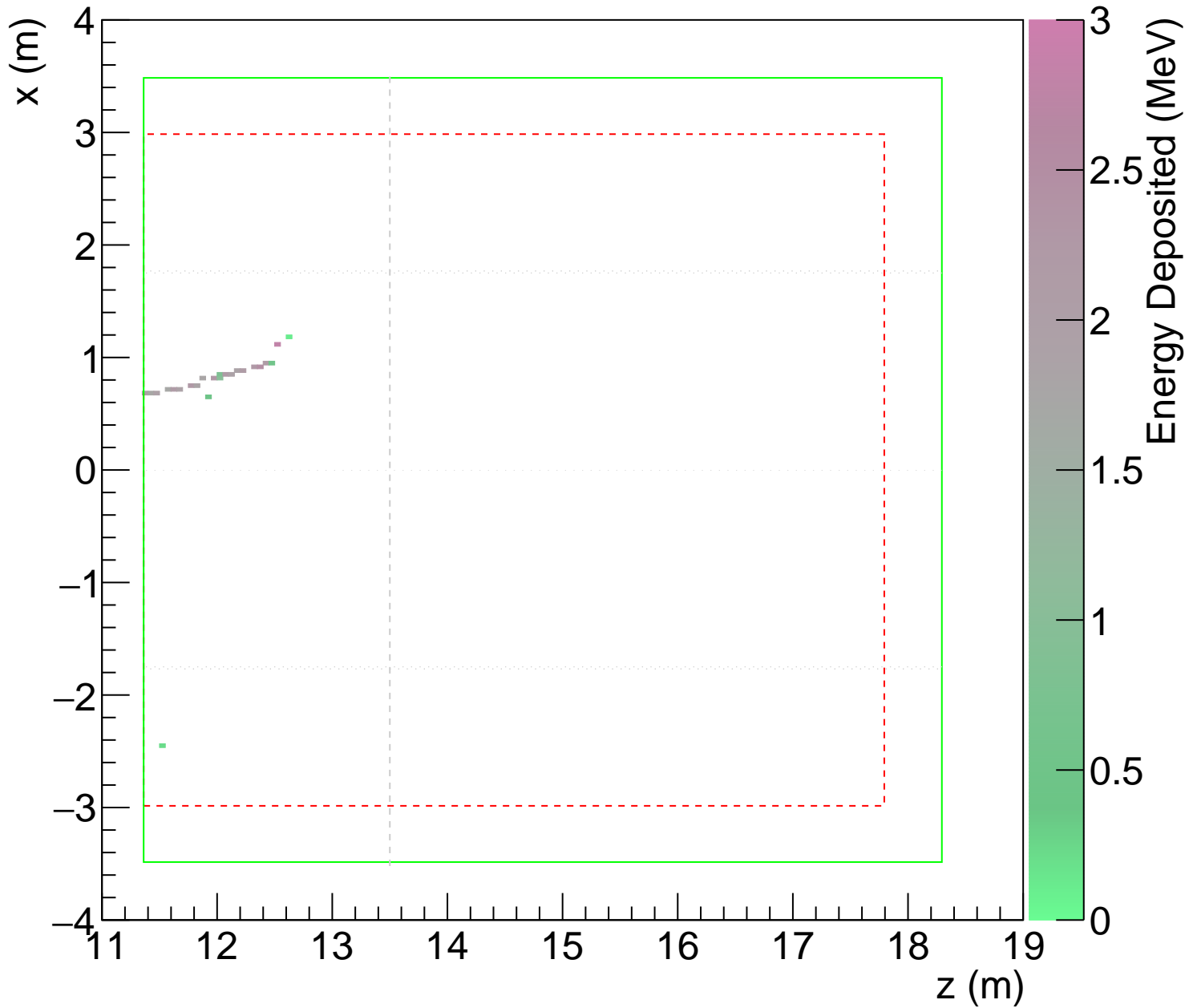


# Event 418 reconstructed

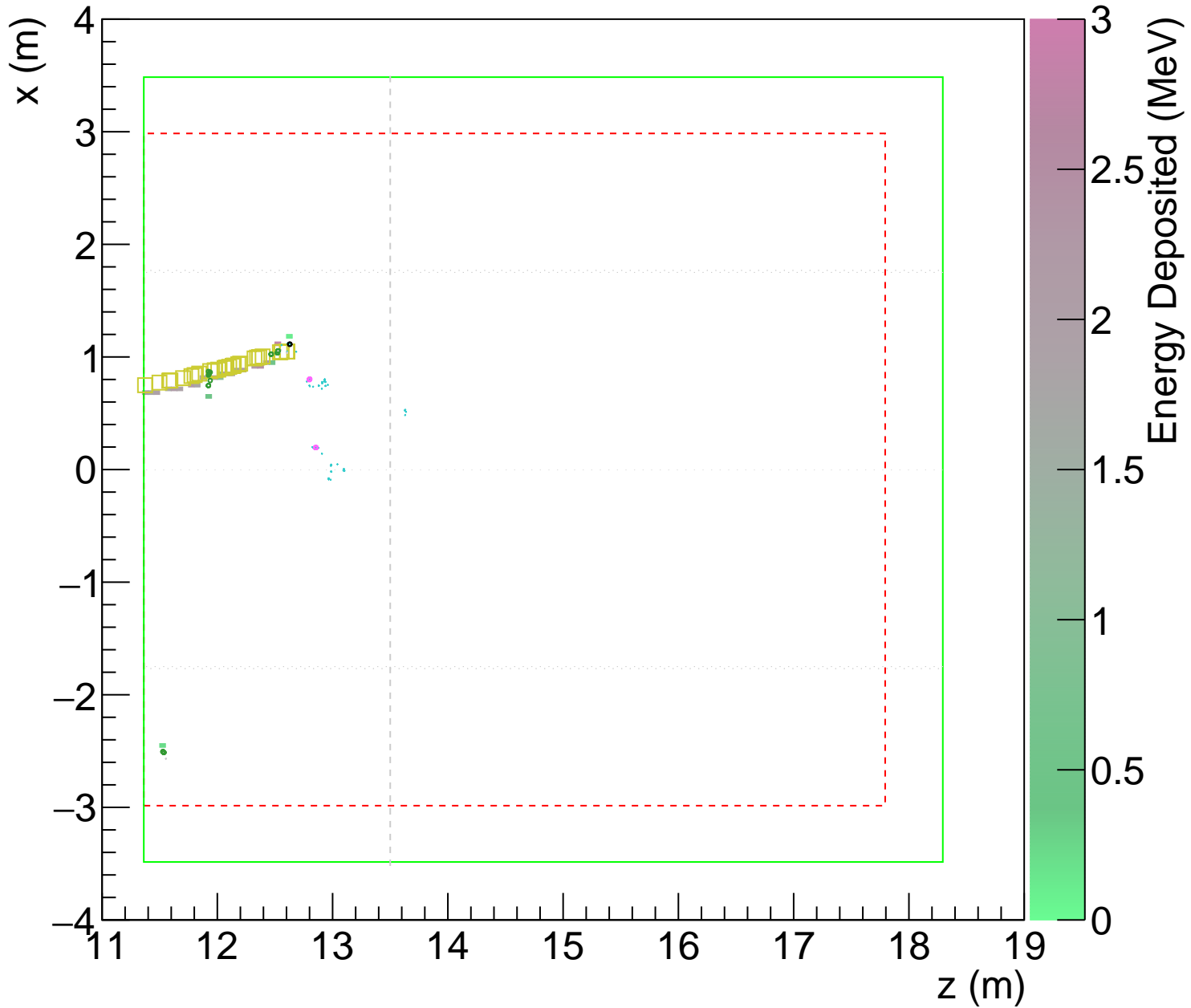
nLines: 1, nClusters: 0



Event 420, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.29$  GeV,  $E_{\mu}^{\text{true}}=1.13$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

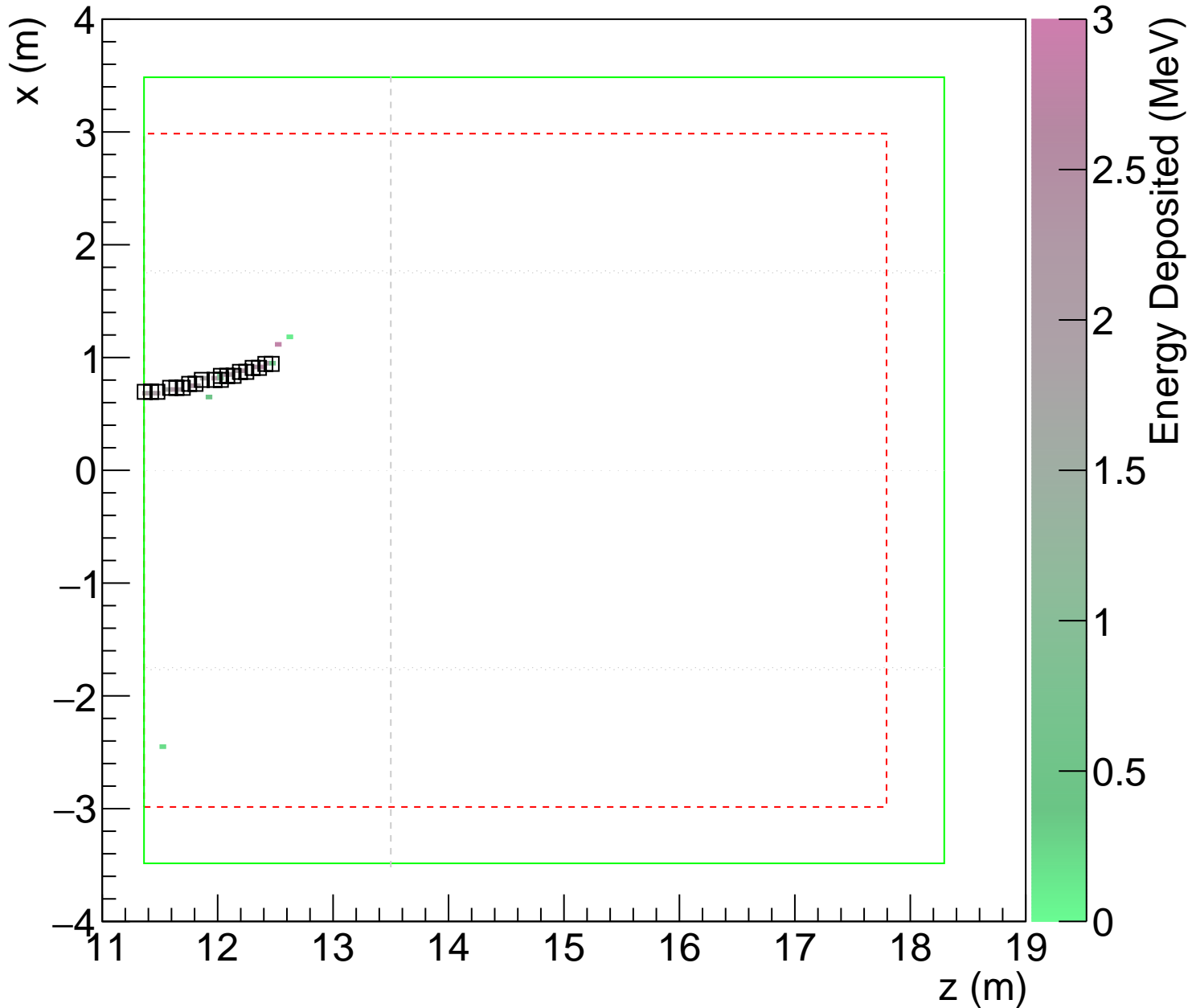


Event 420, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.29$  GeV,  $E_{\mu}^{\text{true}}=1.13$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

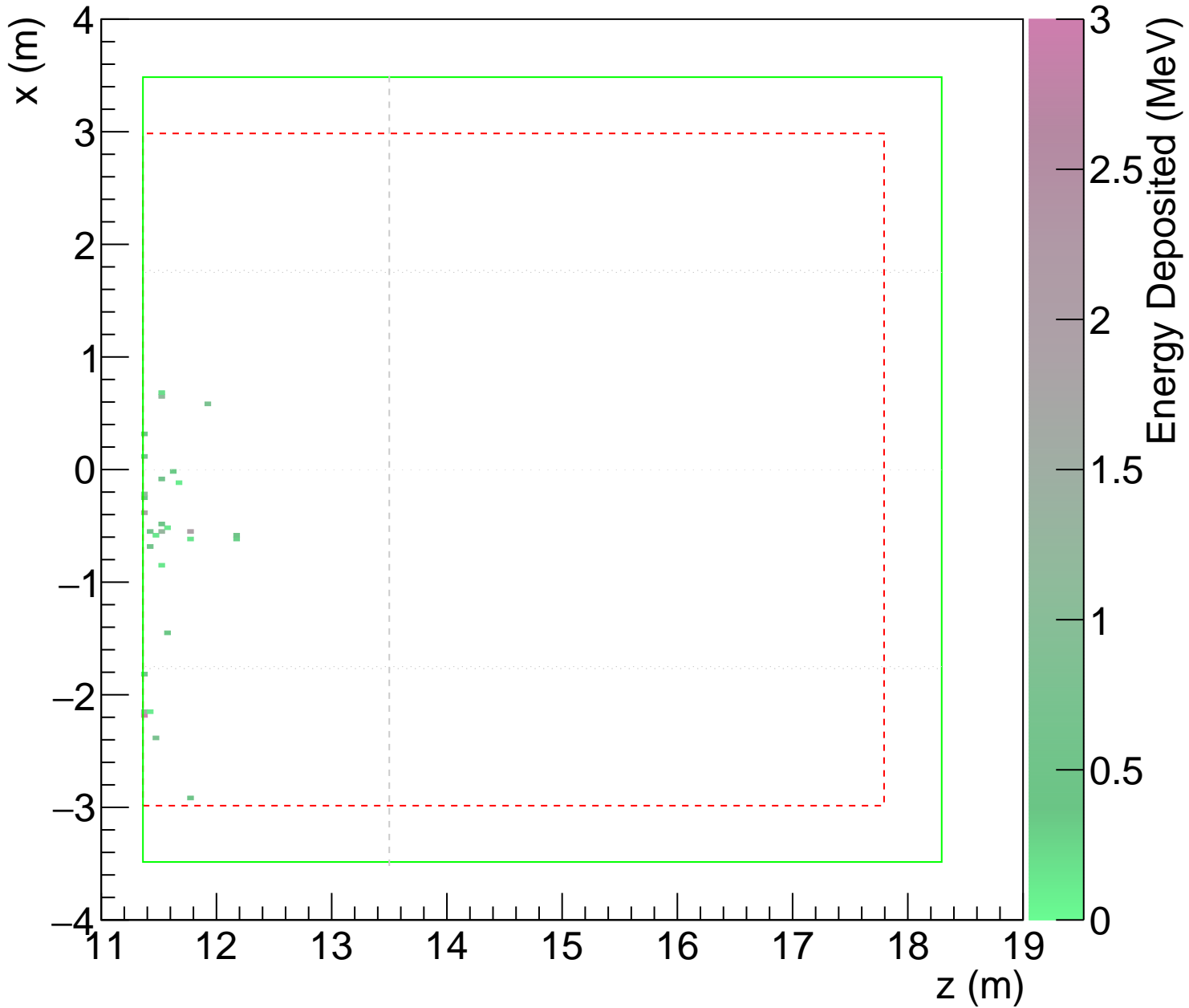


# Event 420 reconstructed

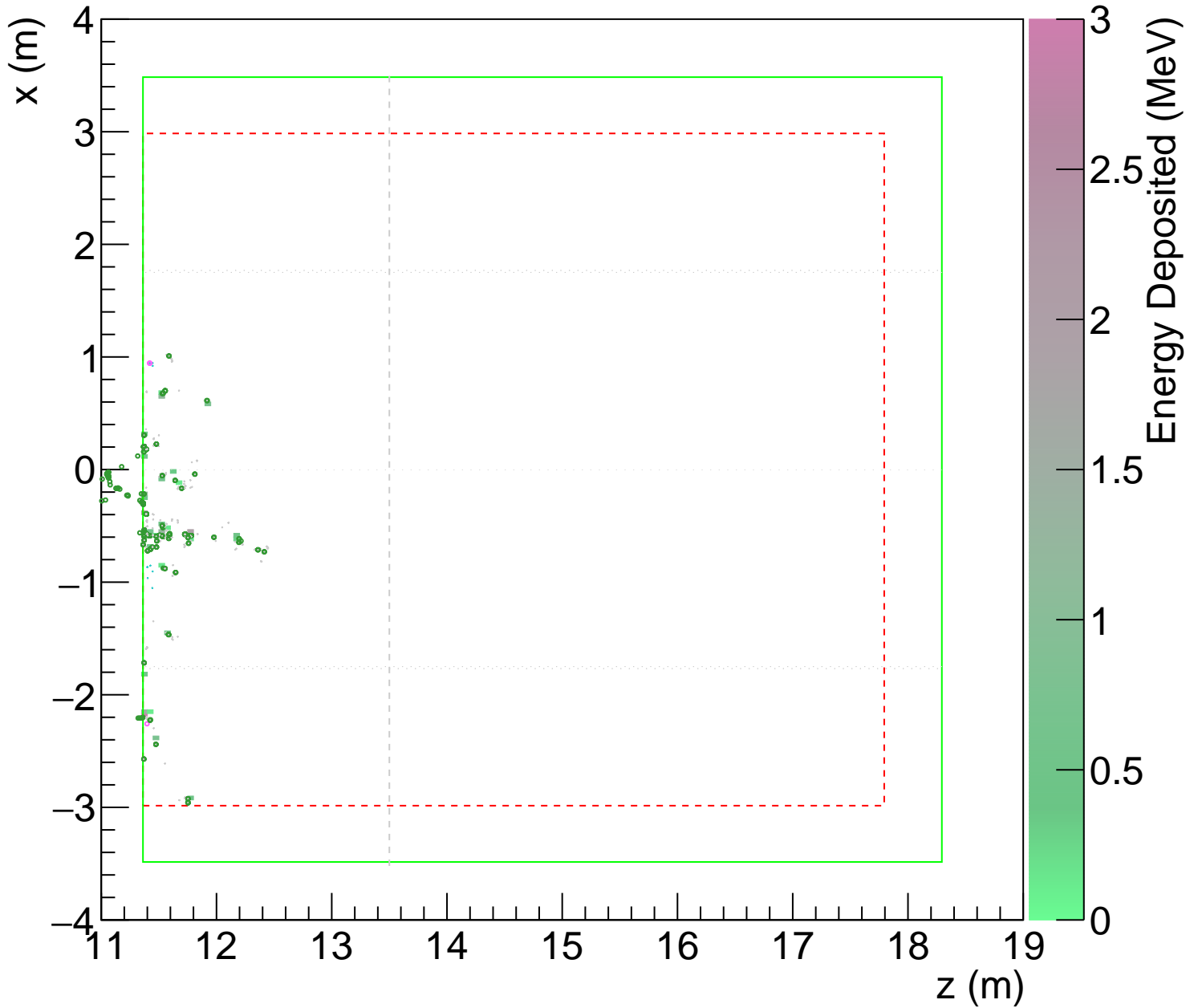
nLines: 1, nClusters: 0



Event 421, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.51$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

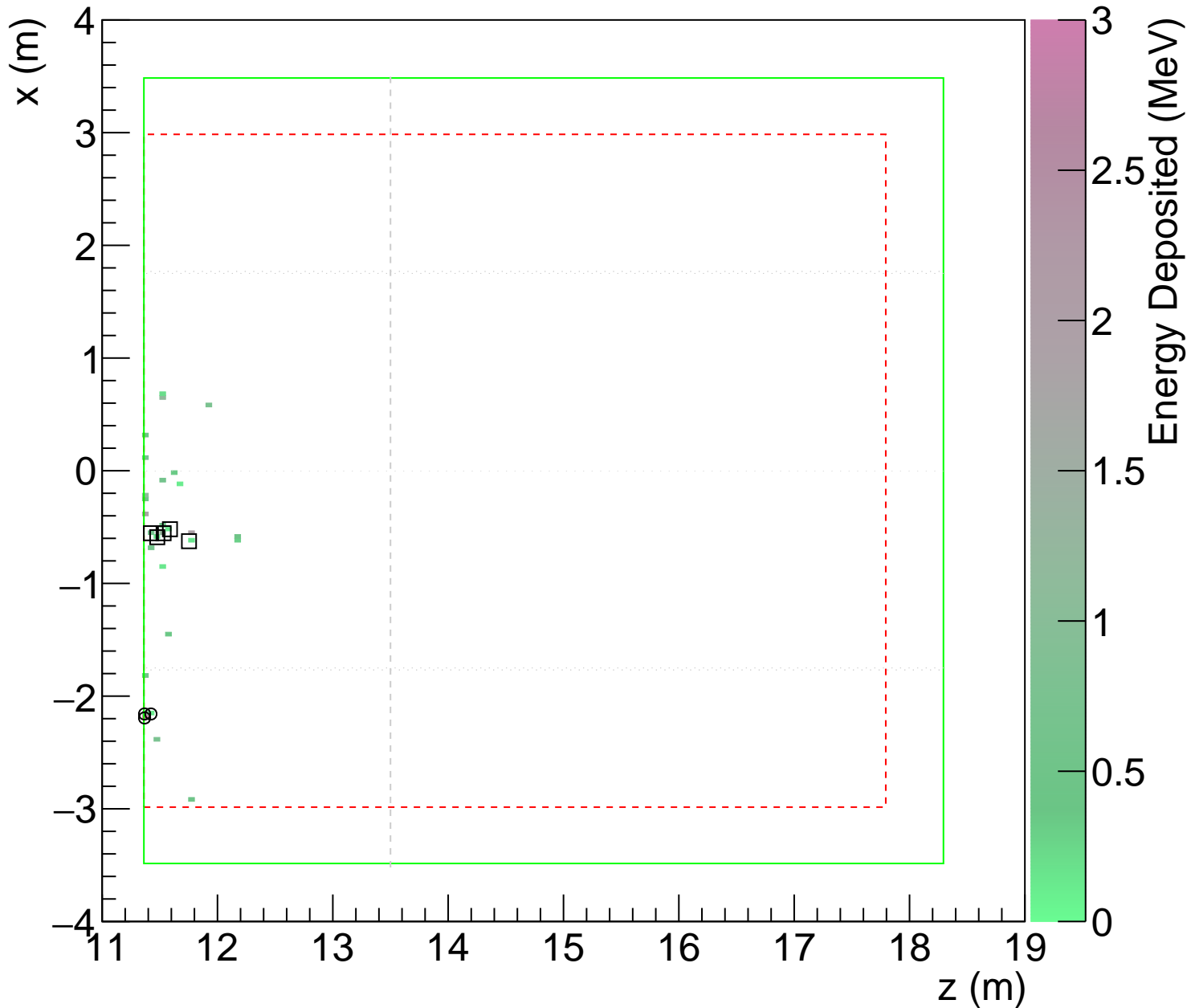


Event 421, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=9.51$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,



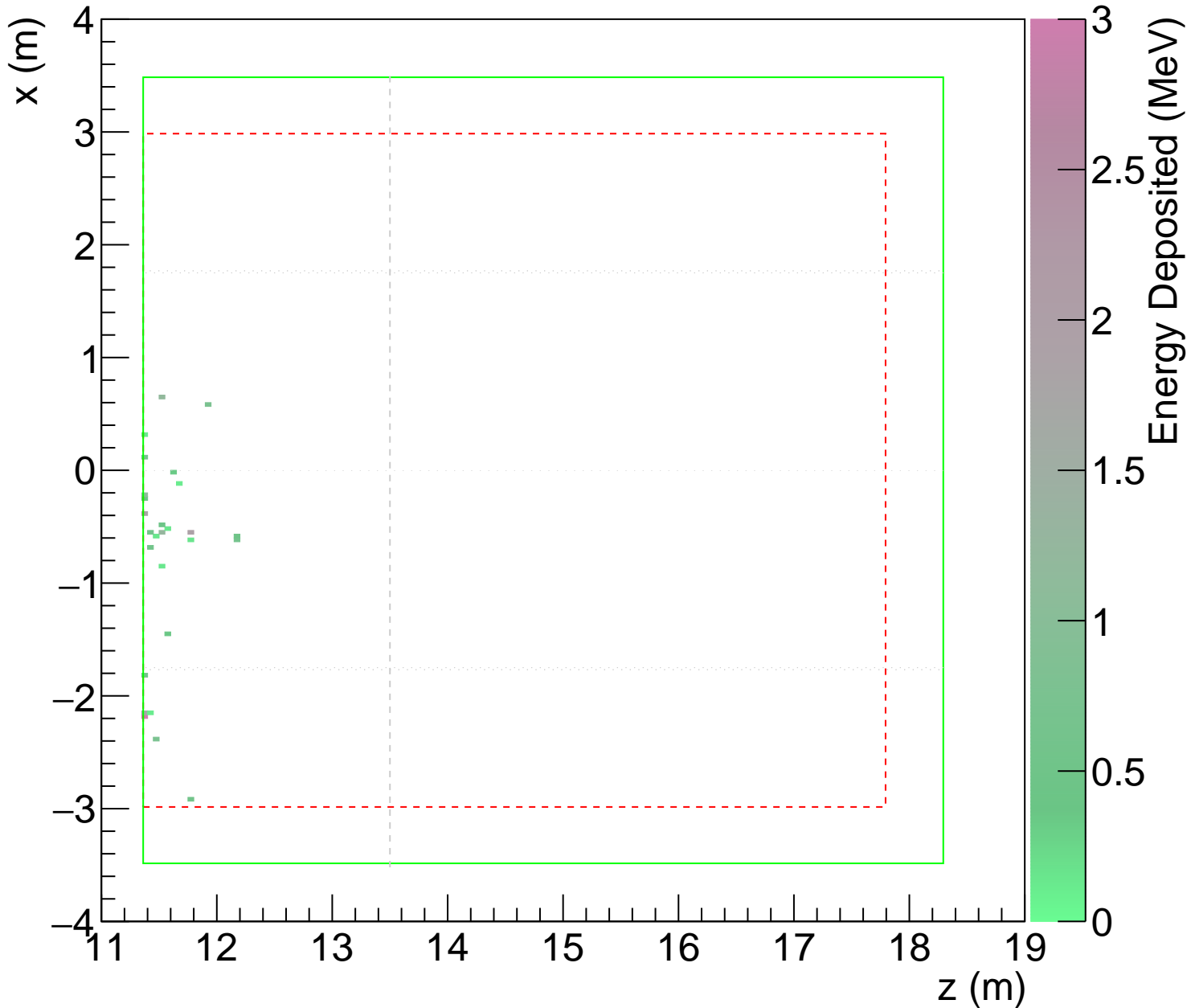
# Event 421 reconstructed

nLines: 1, nClusters: 1

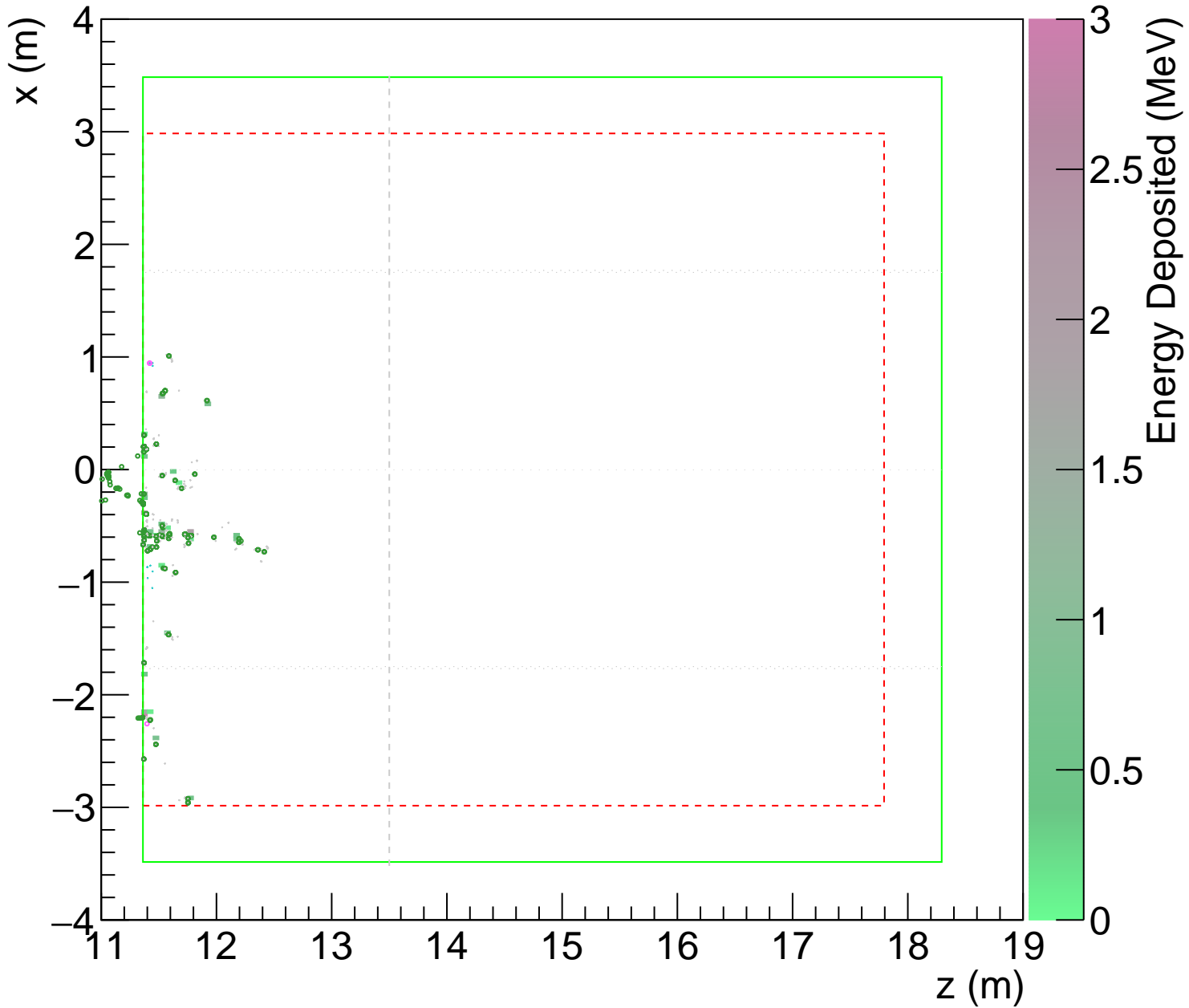




Event 422, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.18$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

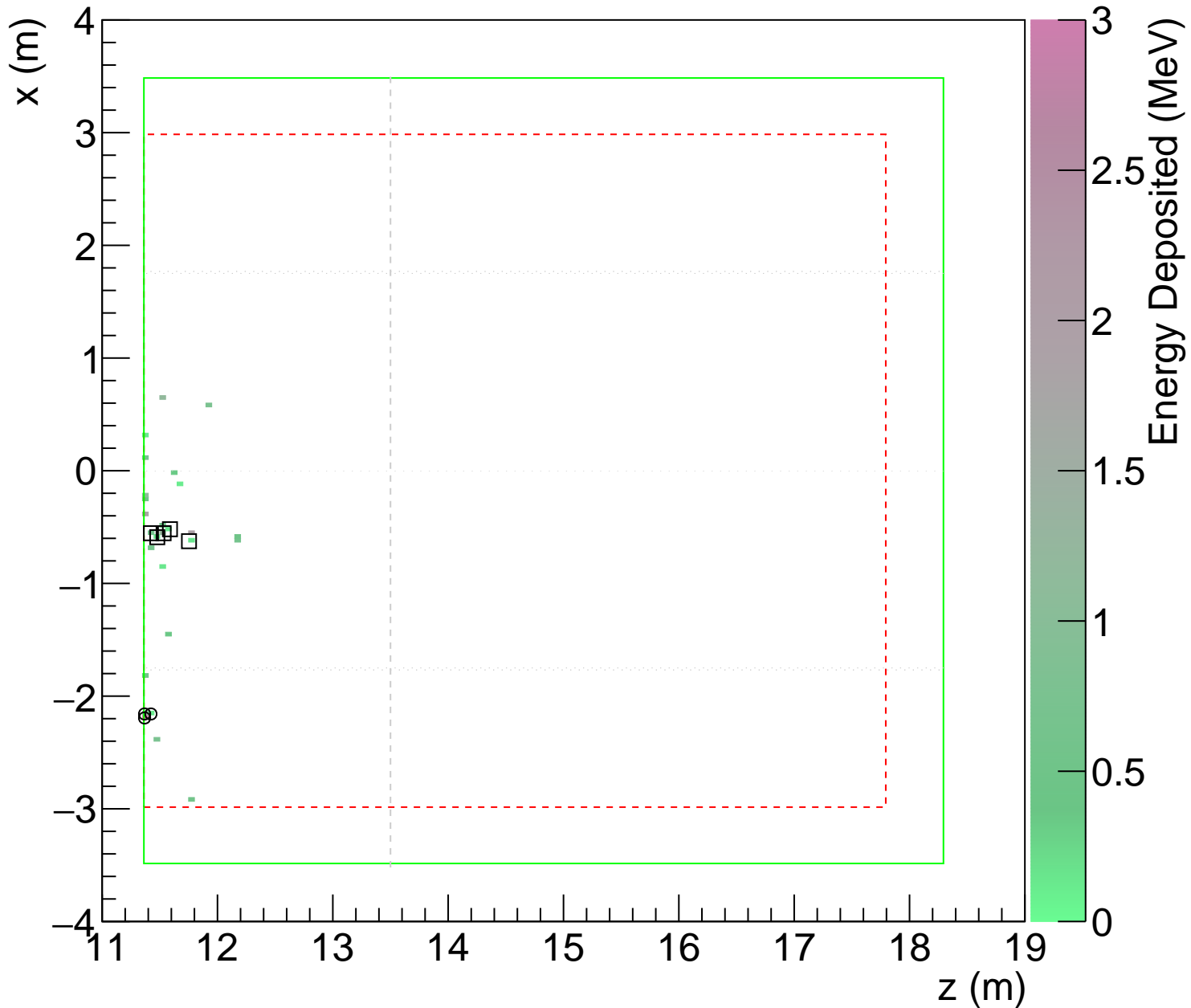


Event 422, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.18$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],RES,res:0,

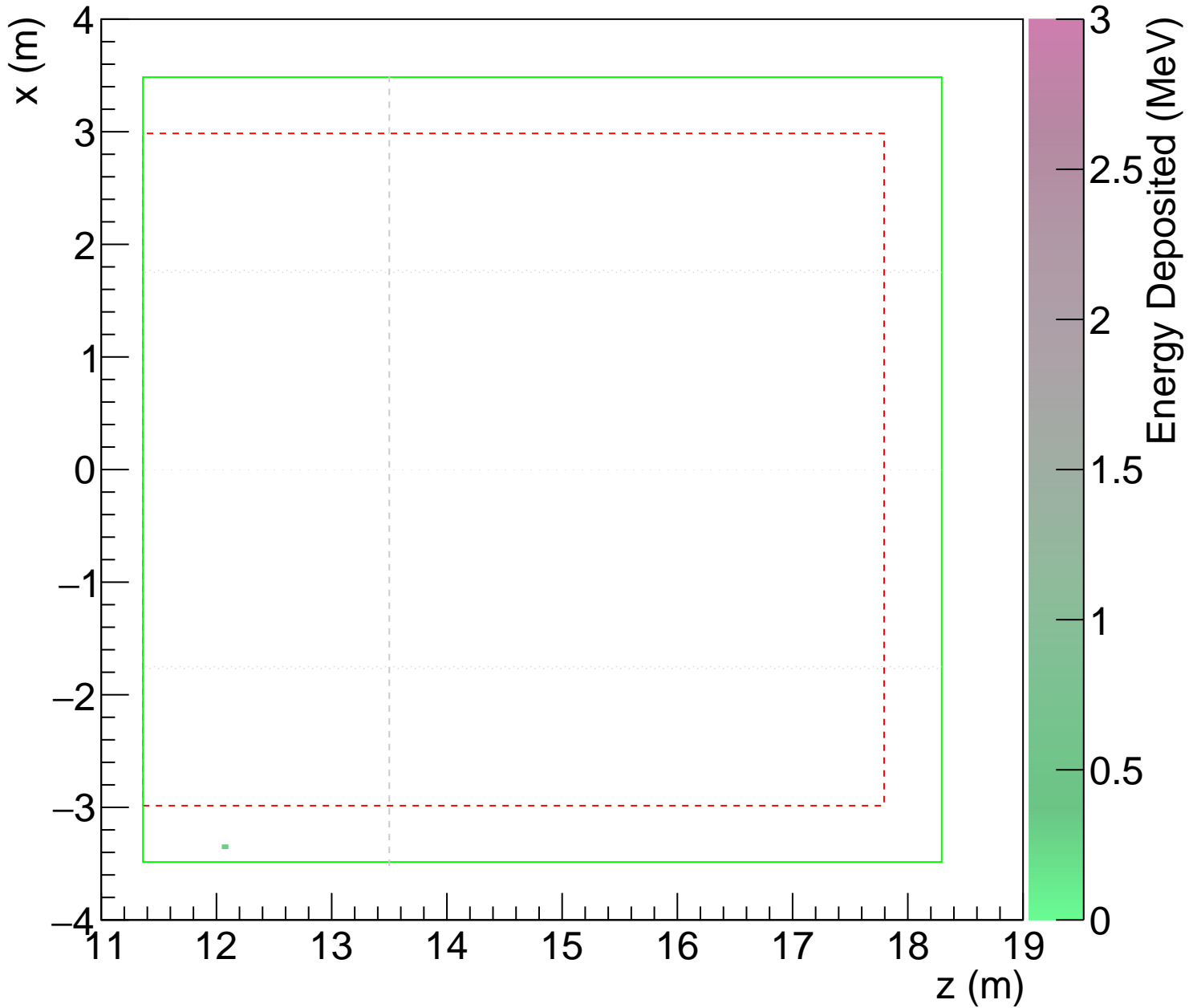


# Event 422 reconstructed

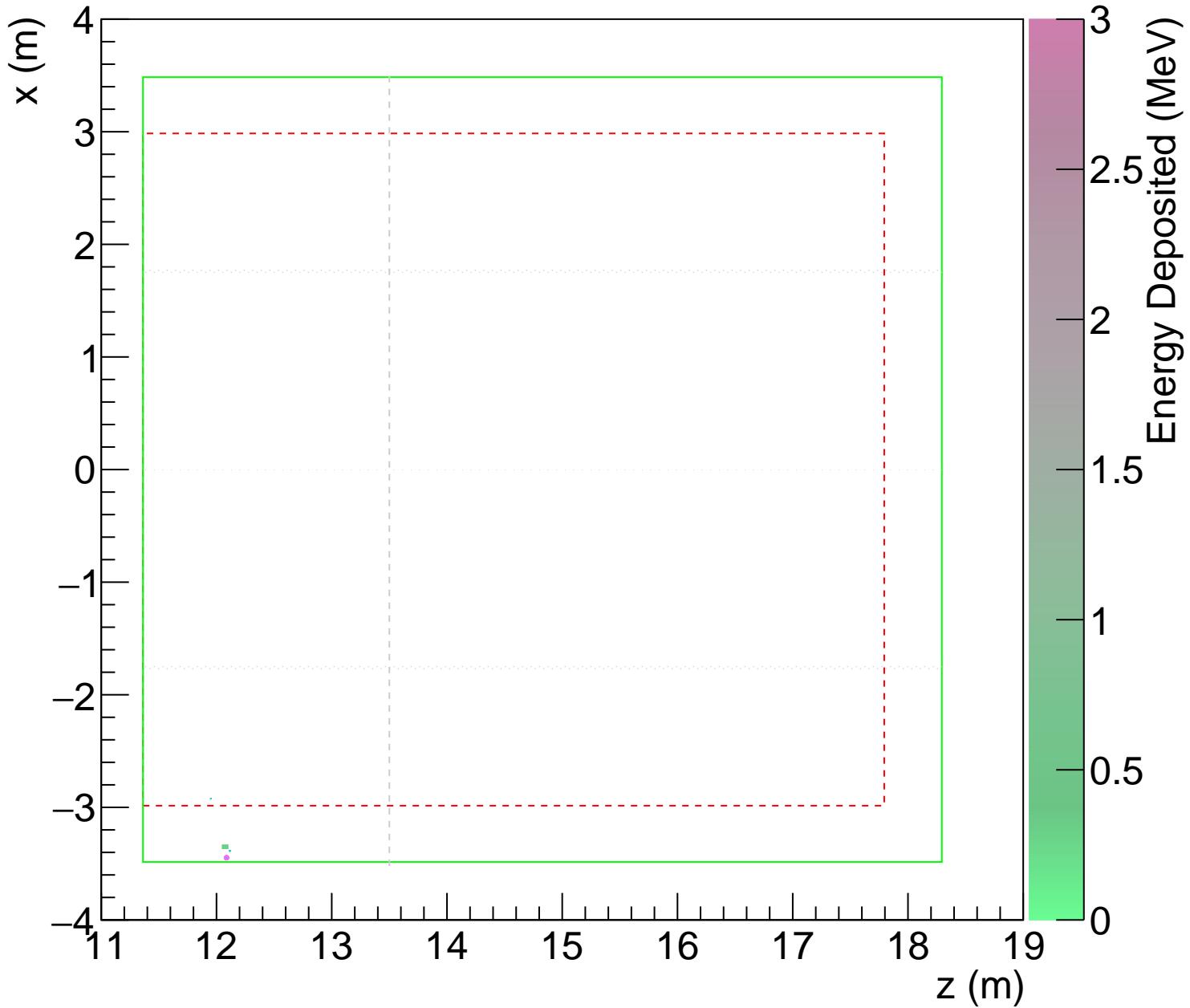
nLines: 1, nClusters: 1



Event 425, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.28$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],QES,

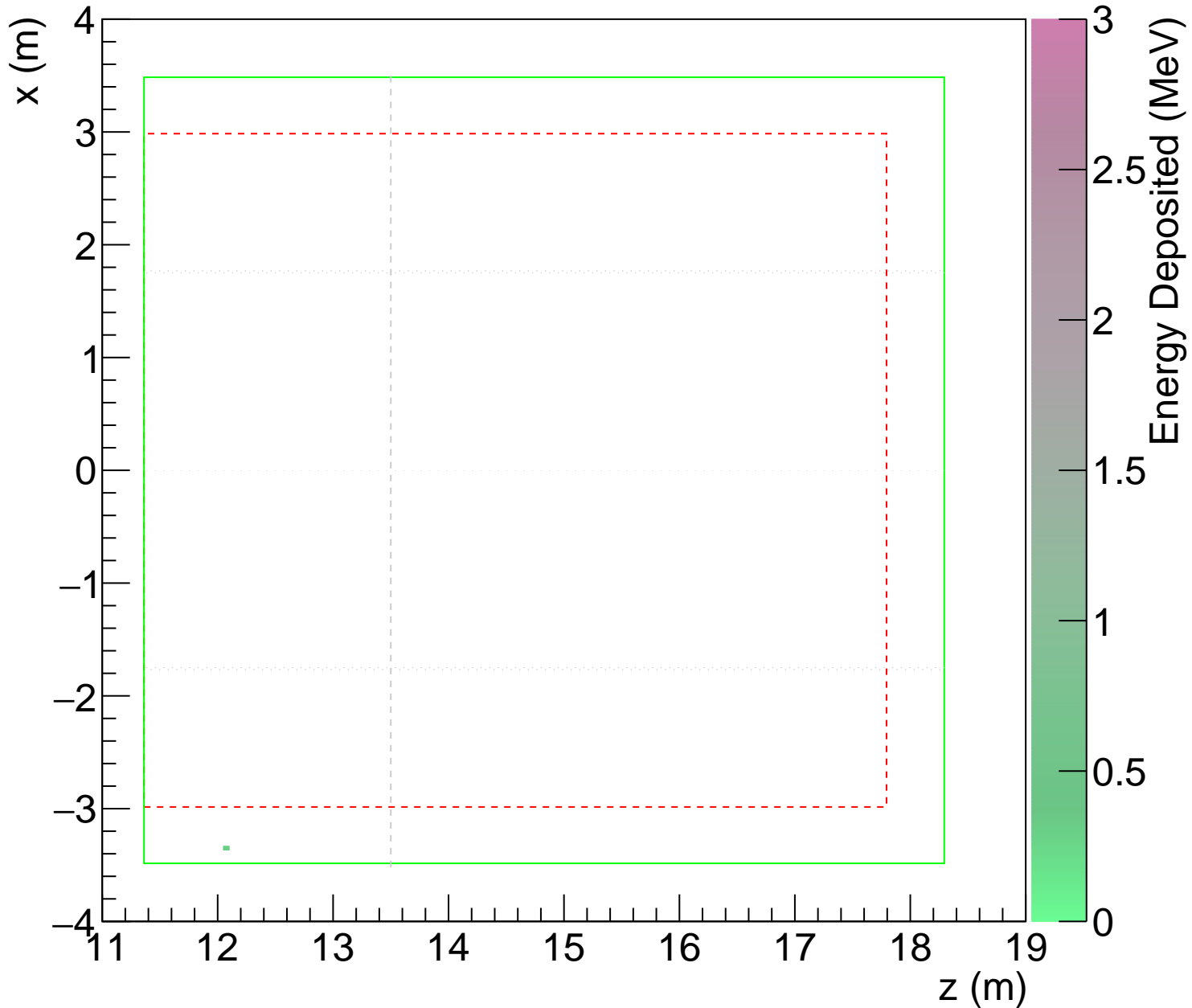


Event 425, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.28$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[NC],QES,

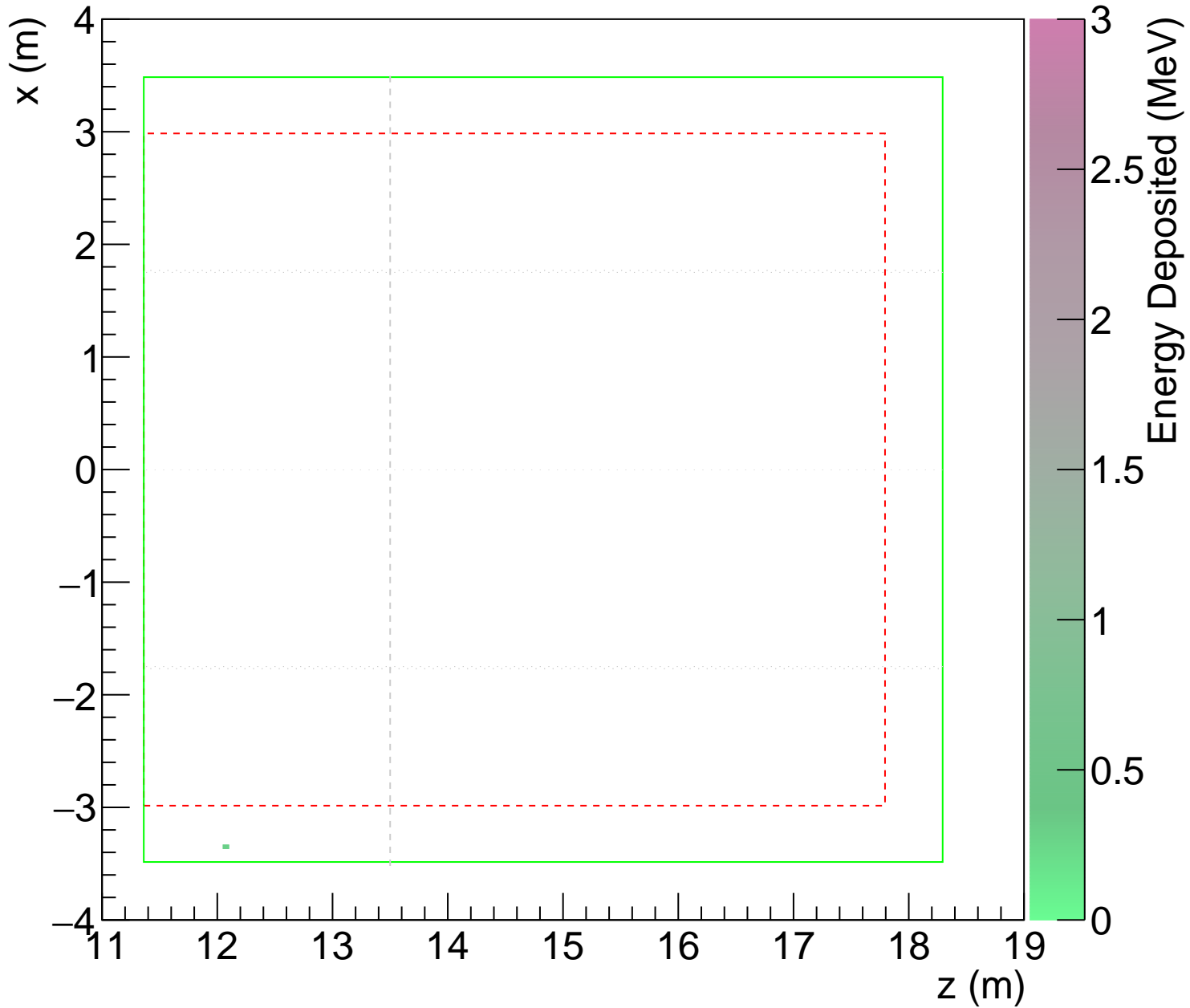


# Event 425 reconstructed

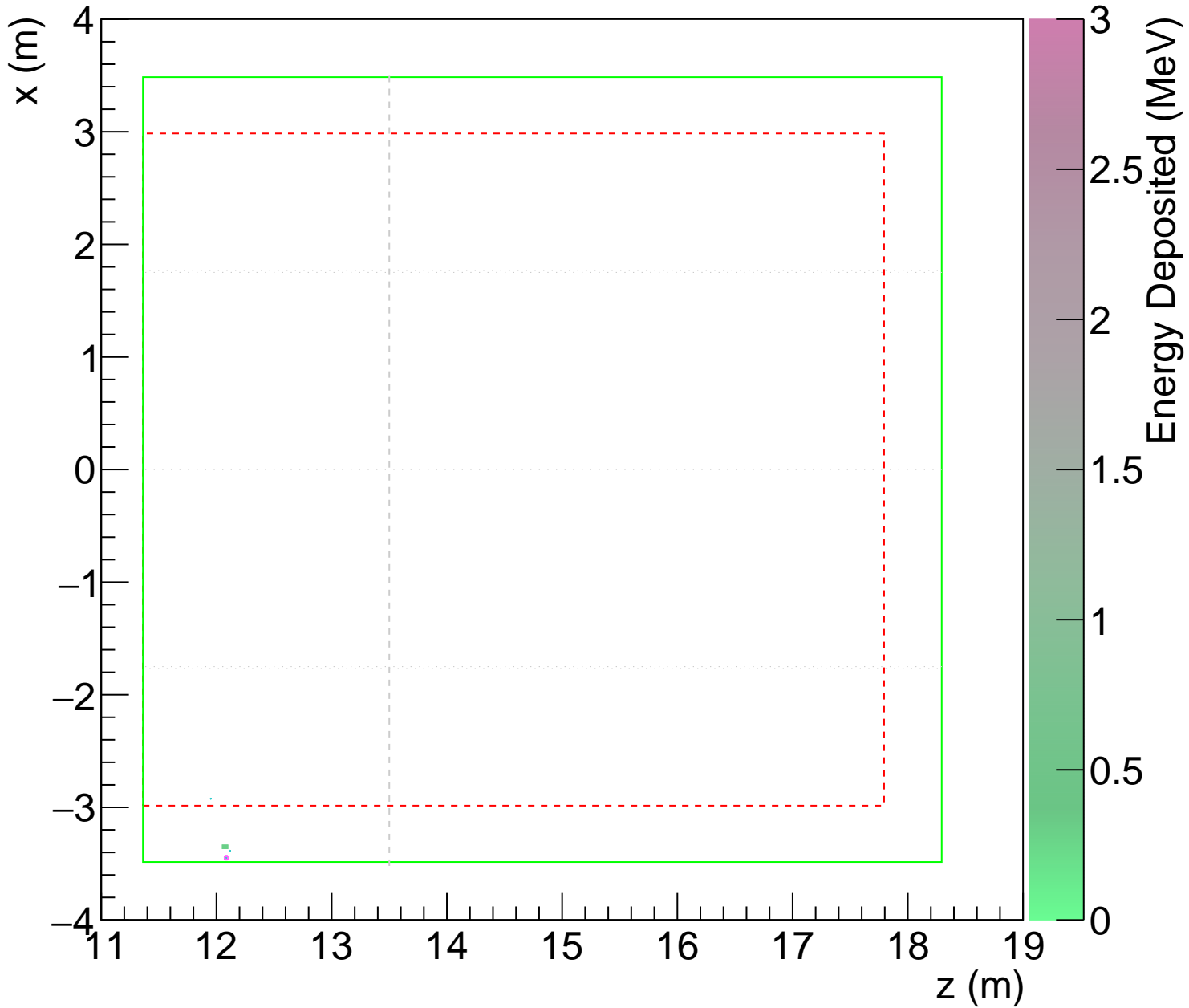
nLines: 0, nClusters: 0



Event 426, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.06$  GeV,  $E_{\mu}^{\text{true}}=0.50$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(s),proc:Weak[CC],DIS,



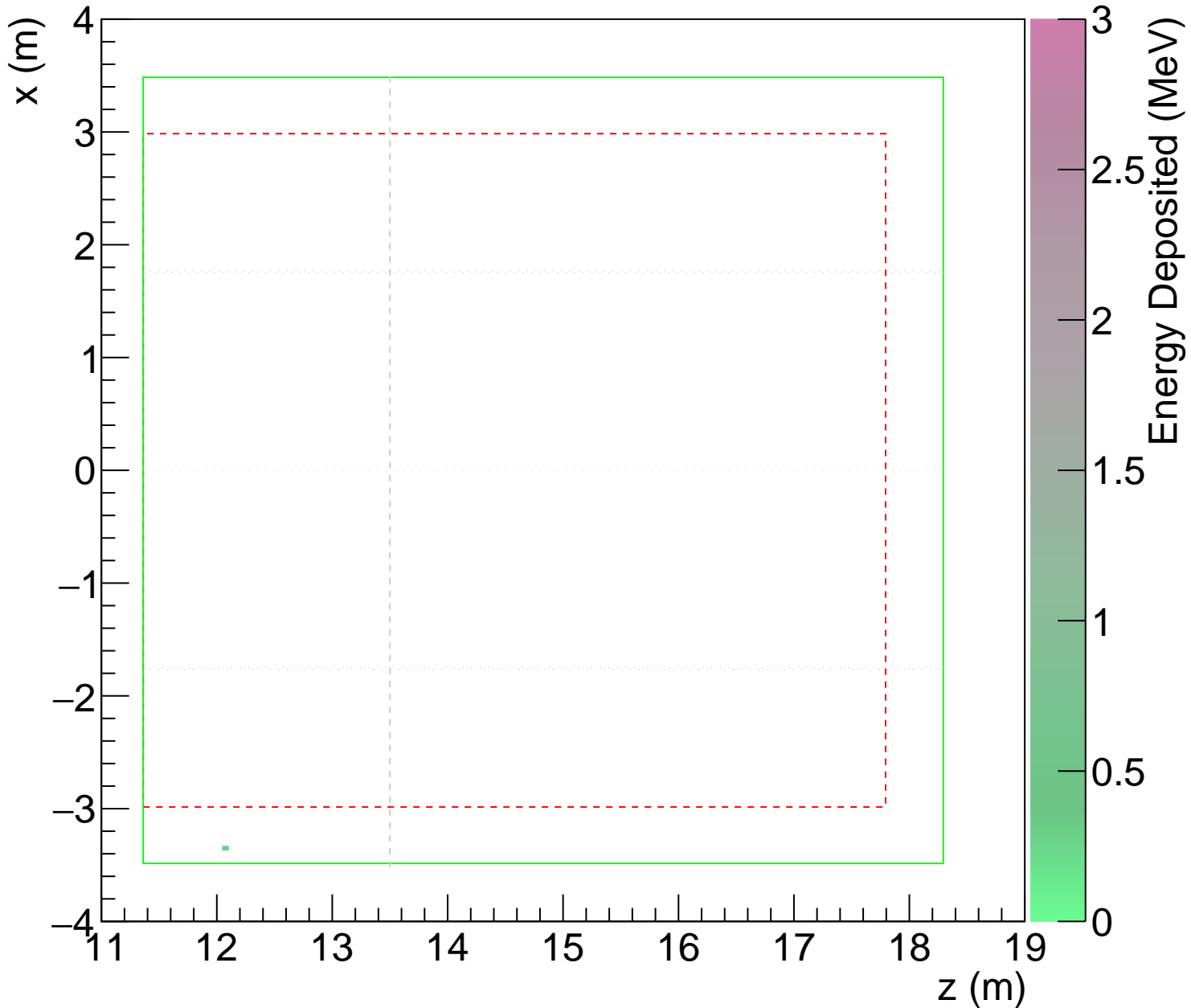
Event 426, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.06$  GeV,  $E_{\mu}^{\text{true}}=0.50$  GeV  
nu:14,tgt:1000180400,N:2112,q:1(s),proc:Weak[CC],DIS,





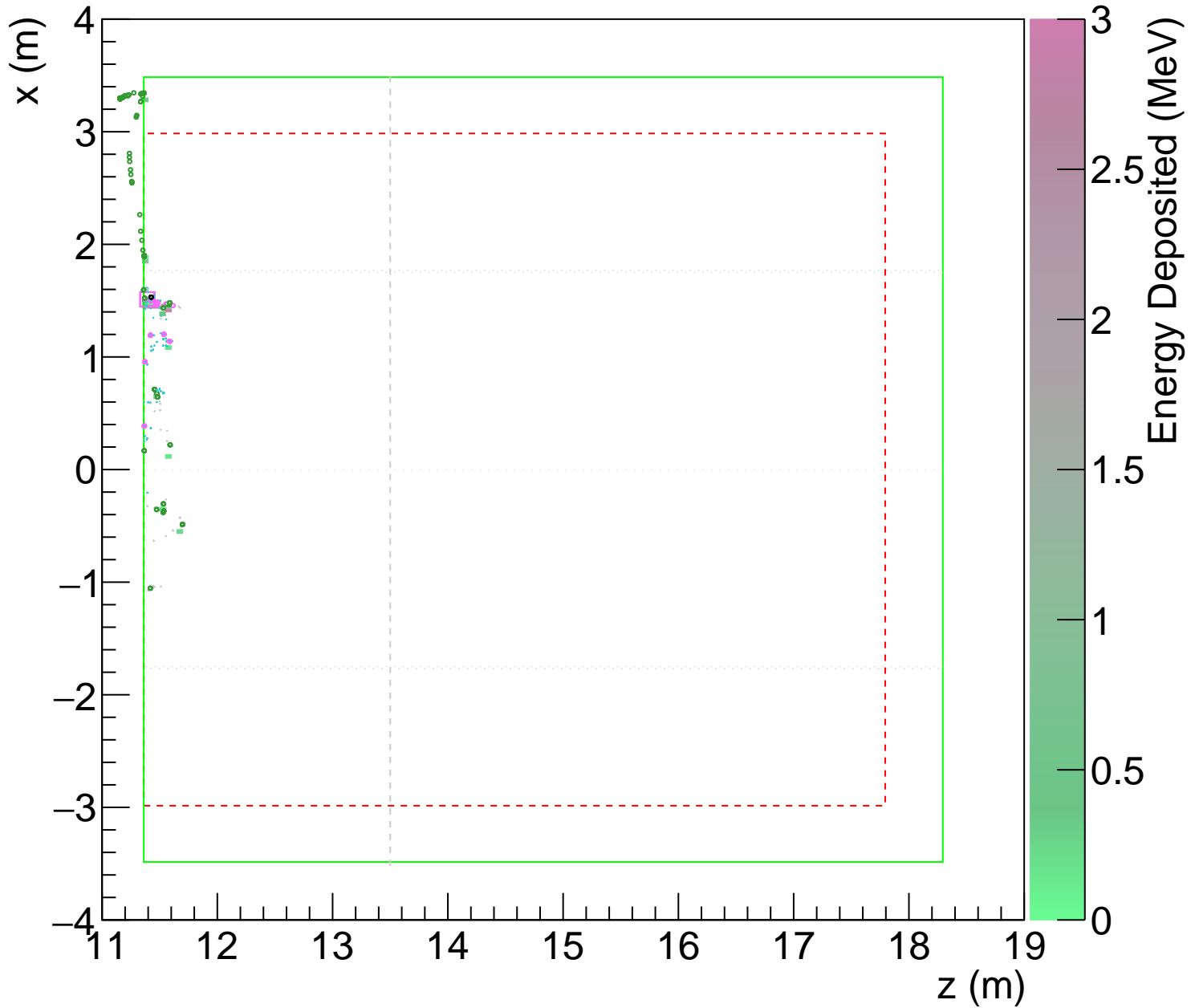
# Event 426 reconstructed

nLines: 0, nClusters: 0



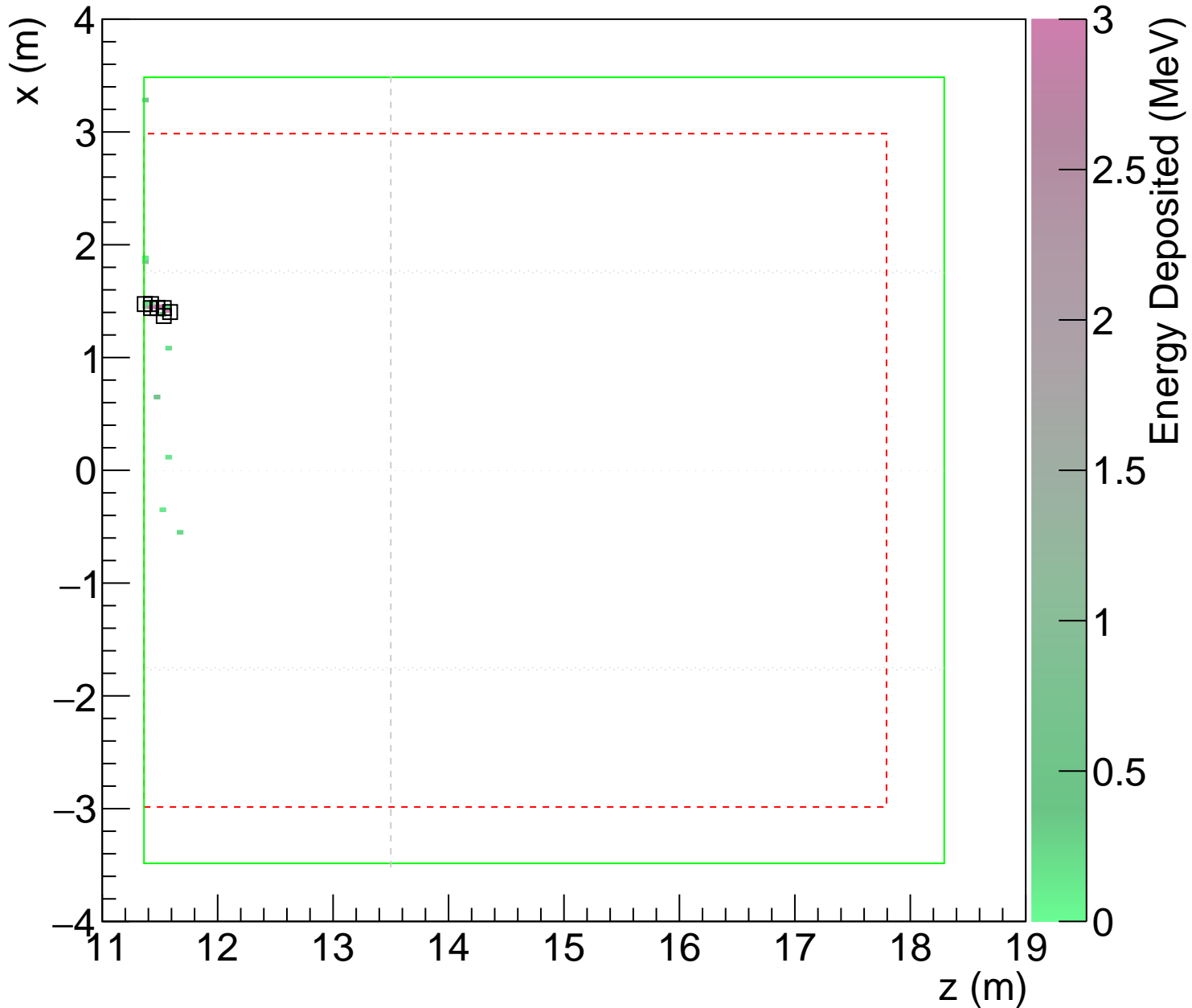


Event 427, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.77$  GeV,  $E_{\mu}^{\text{true}}=0.50$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

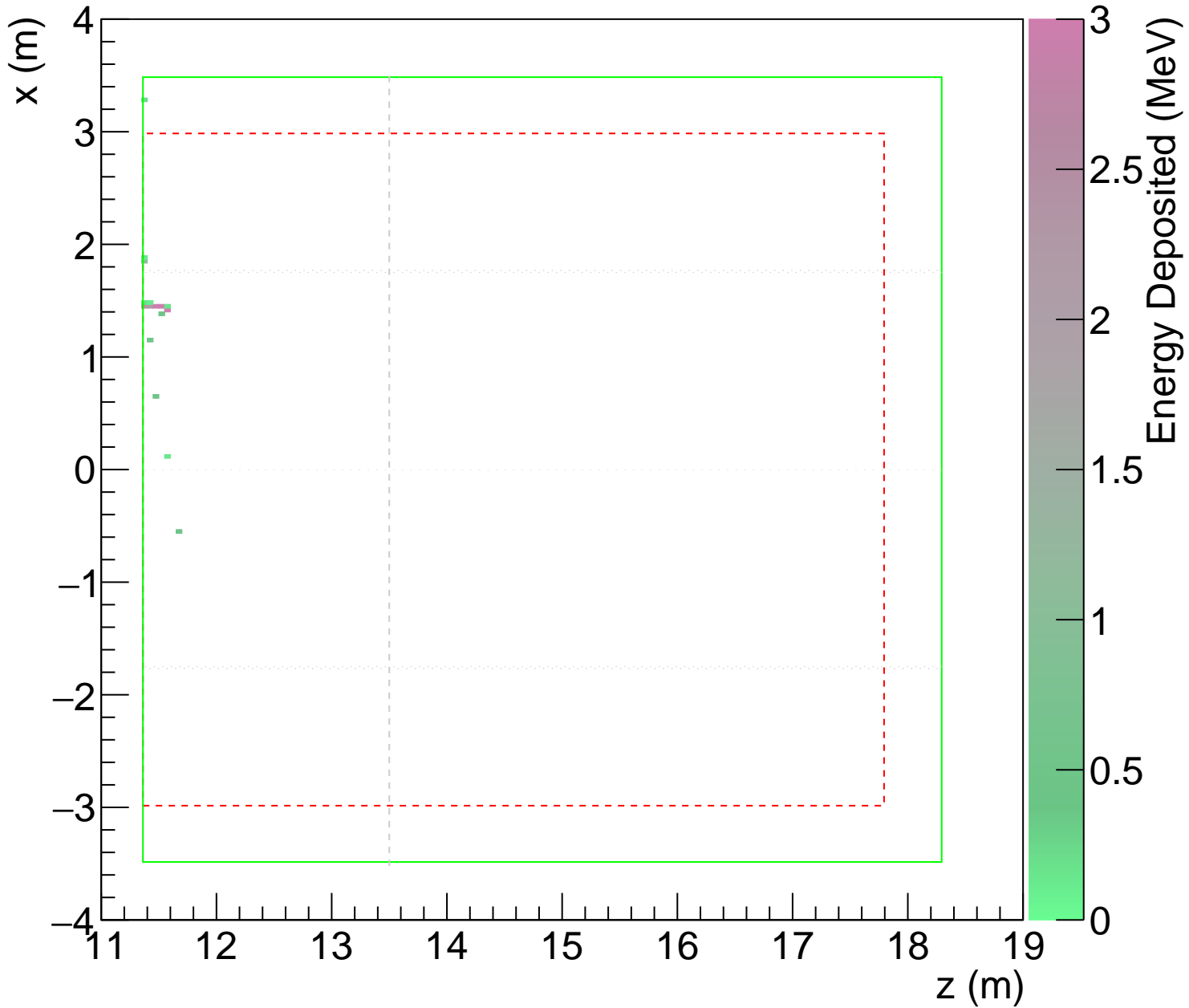


# Event 427 reconstructed

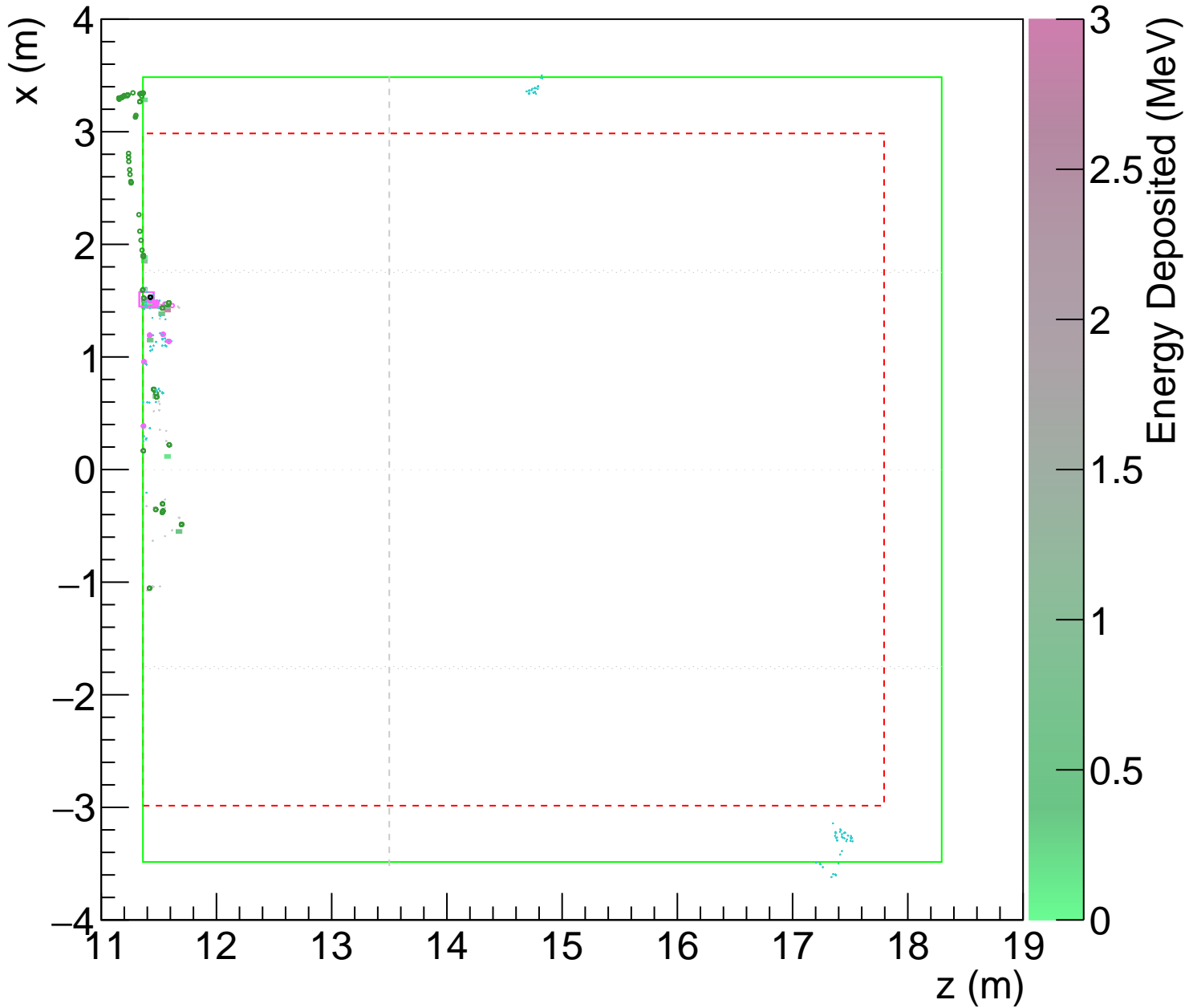
nLines: 1, nClusters: 0



Event 428, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=17.84$  GeV,  $E_{\mu}^{\text{true}}=0.50$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

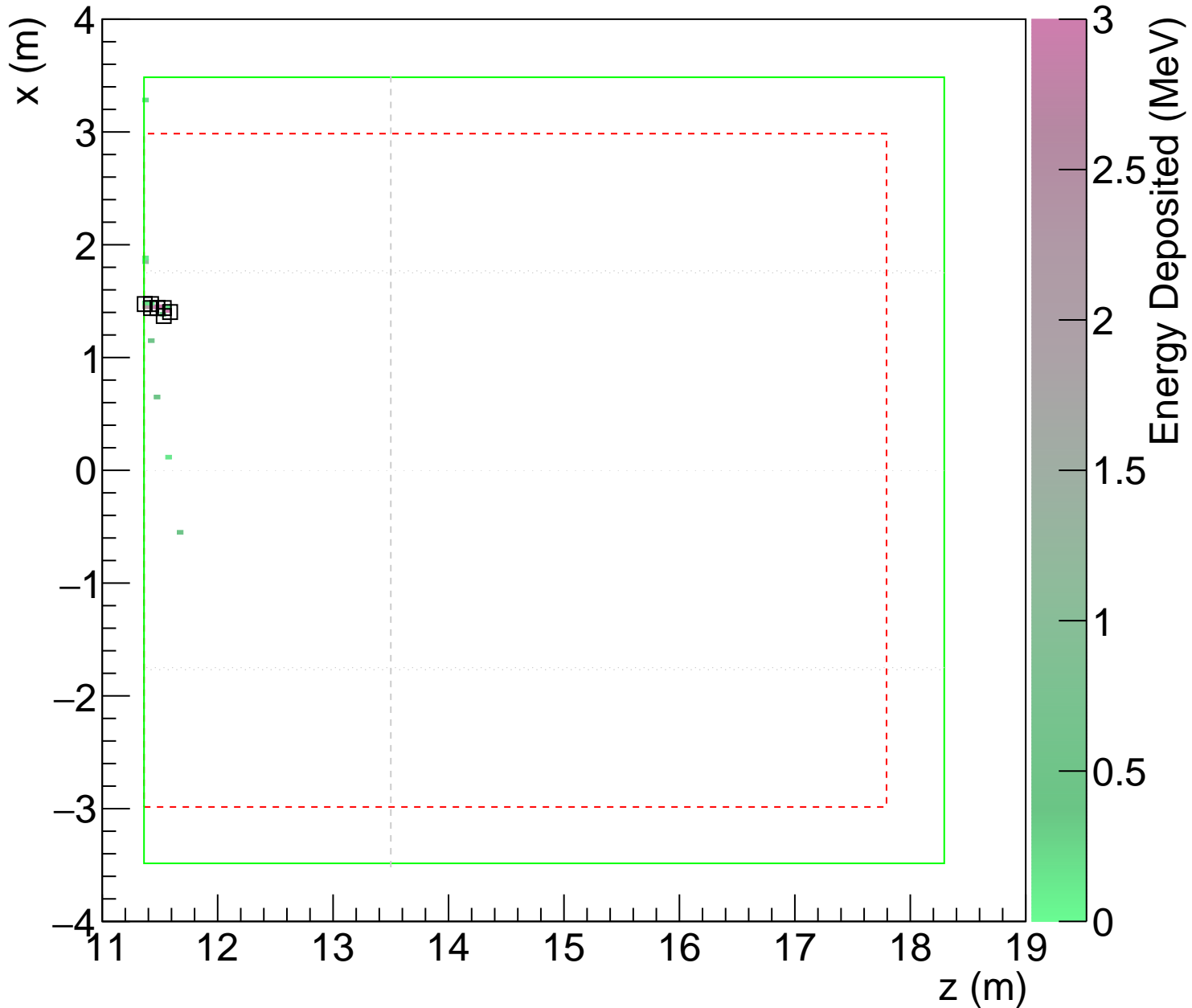


Event 428, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=17.84$  GeV,  $E_{\mu}^{\text{true}}=0.50$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

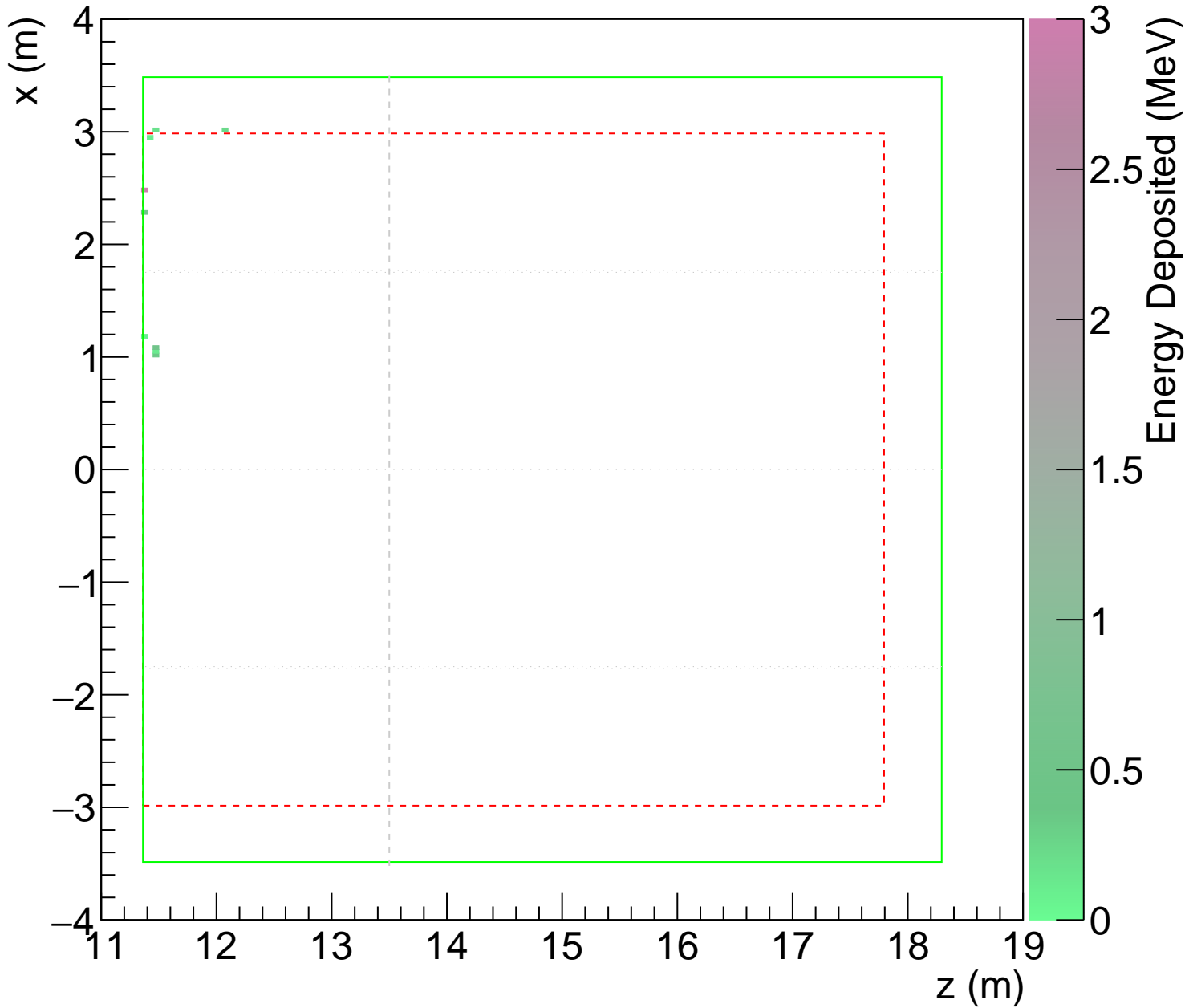


# Event 428 reconstructed

nLines: 1, nClusters: 0

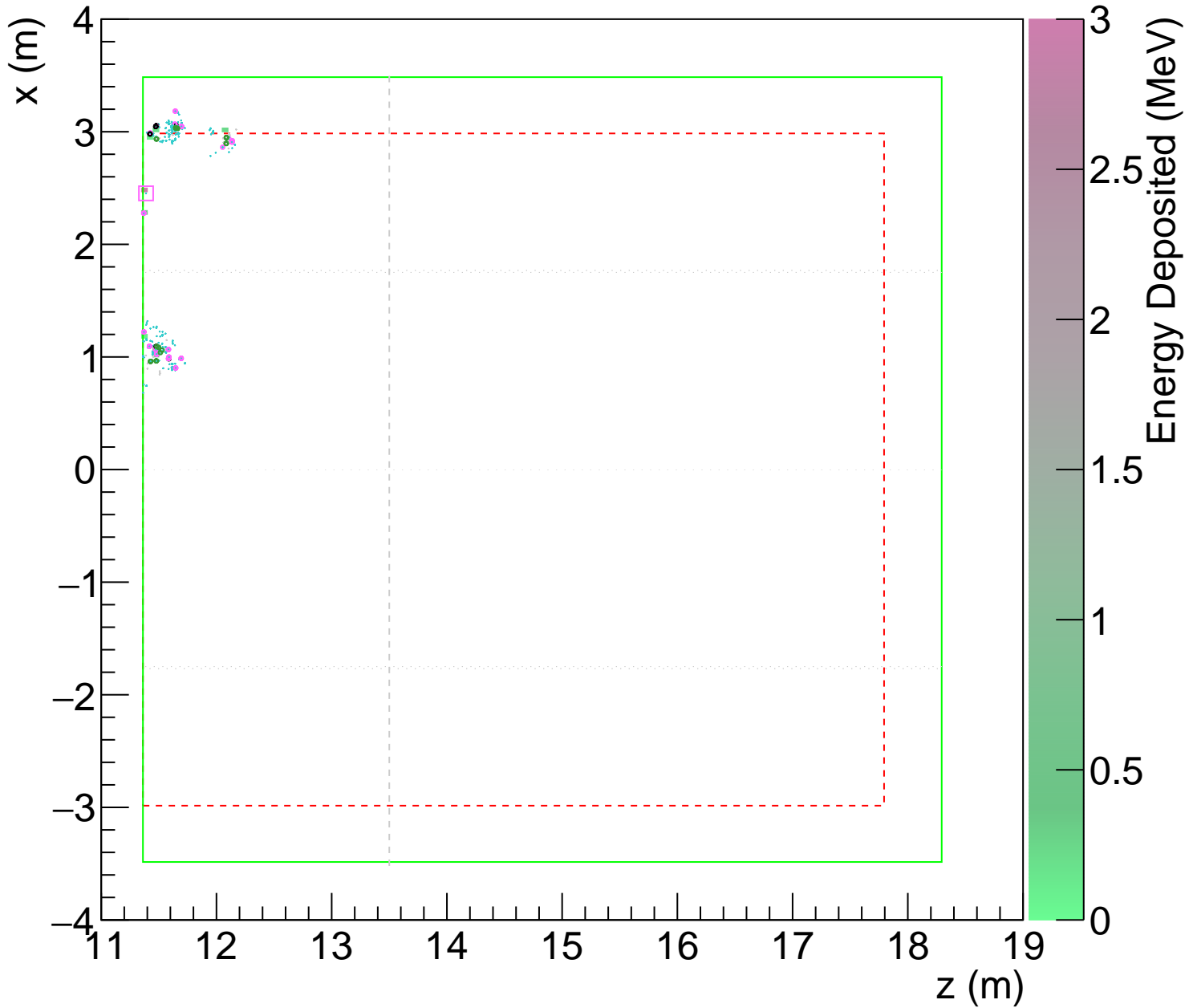


Event 429, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.46$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,



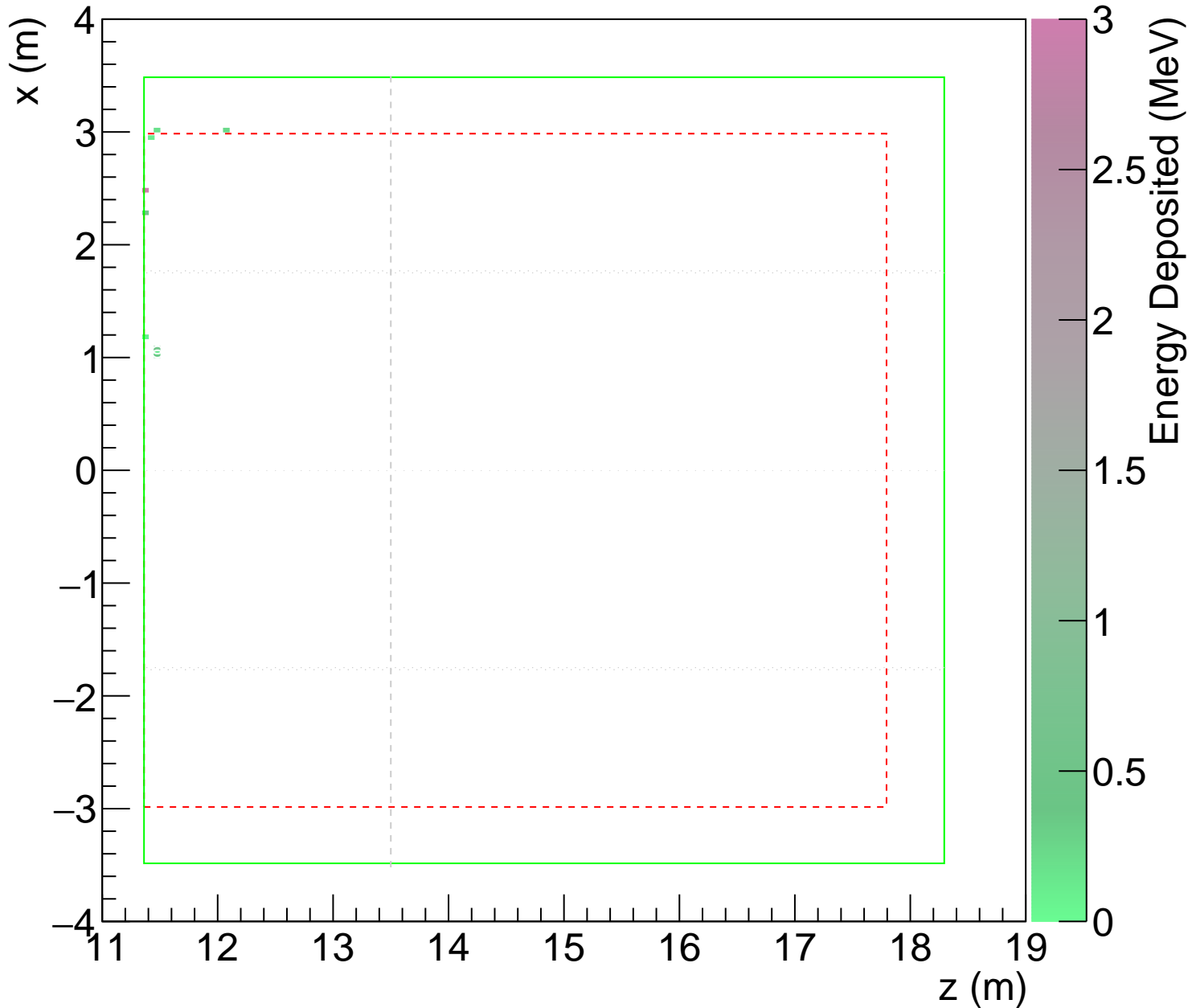


Event 429, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.46$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2212,q:2(v),proc:Weak[NC],DIS,

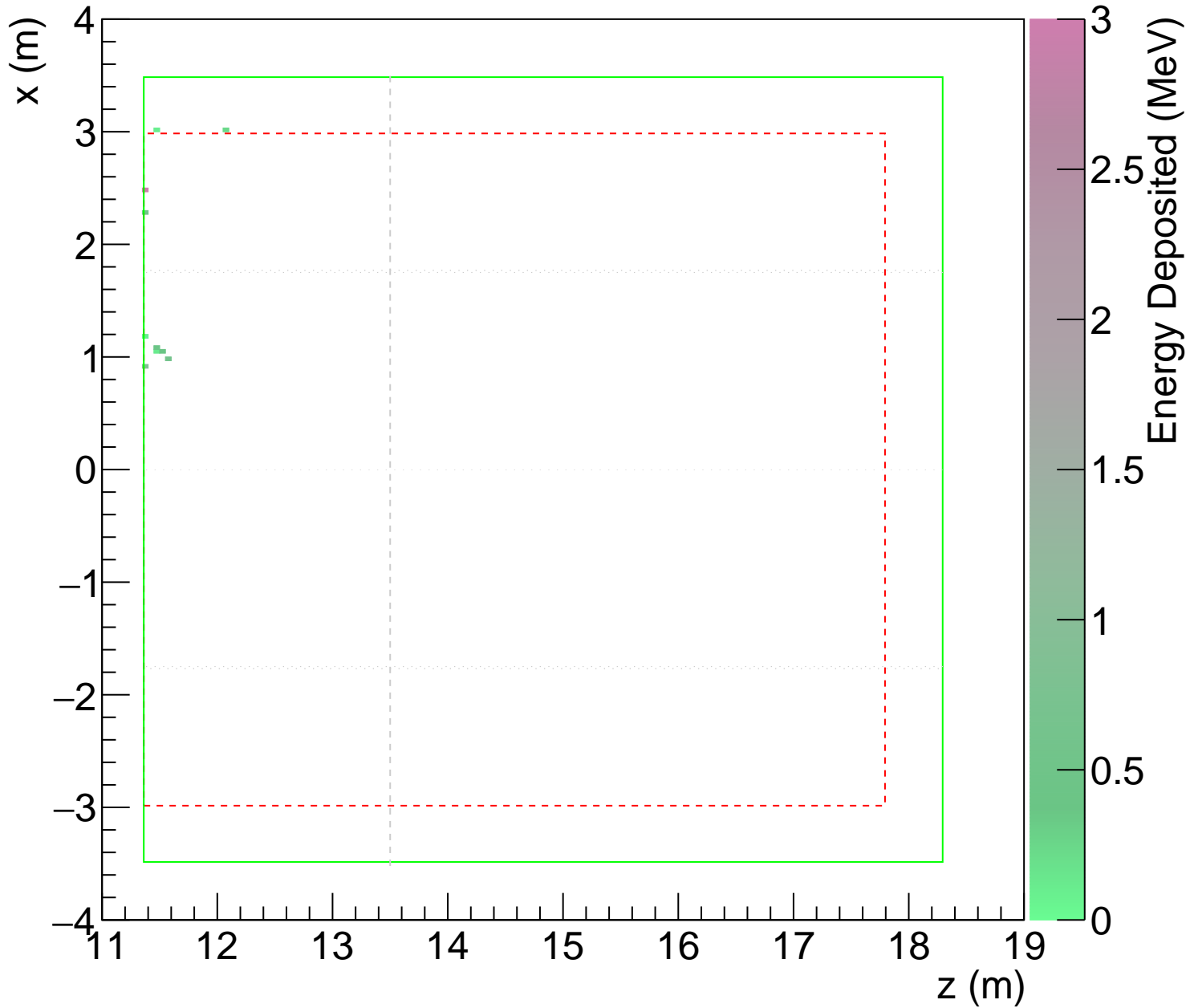


# Event 429 reconstructed

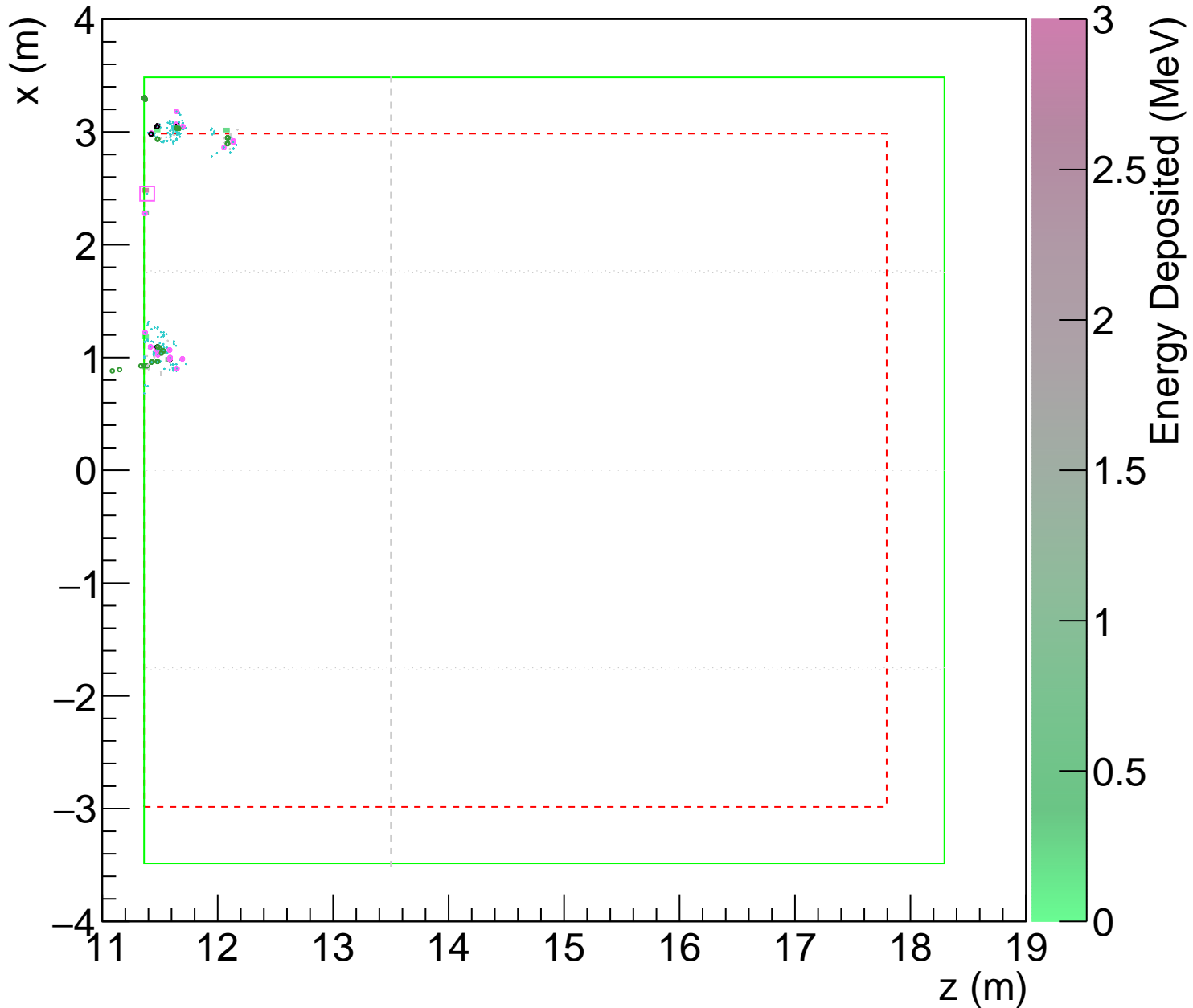
nLines: 0, nClusters: 1



Event 430, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.93$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:2(v),proc:Weak[NC],DIS,

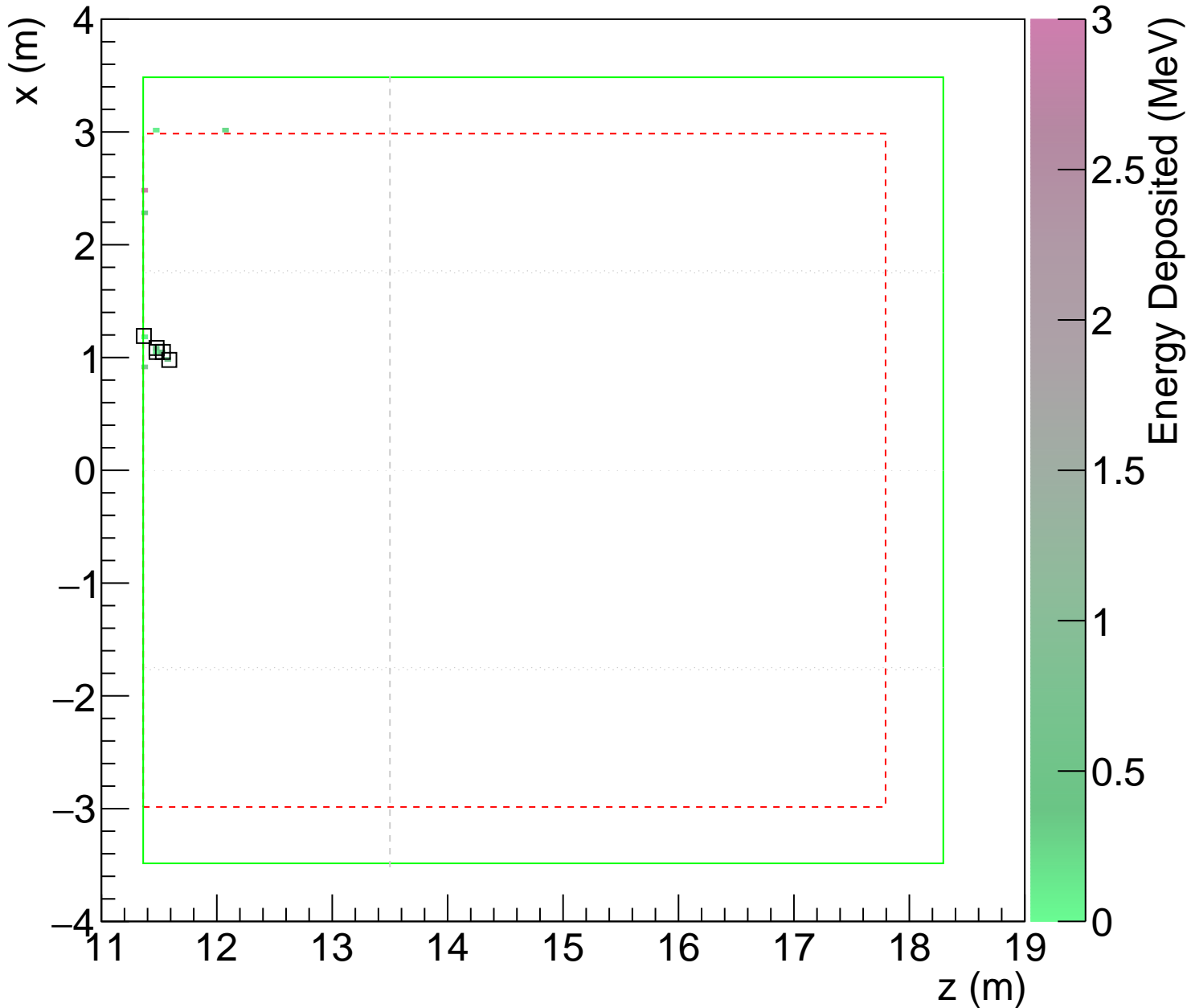


Event 430, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.93$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:2(v),proc:Weak[NC],DIS,

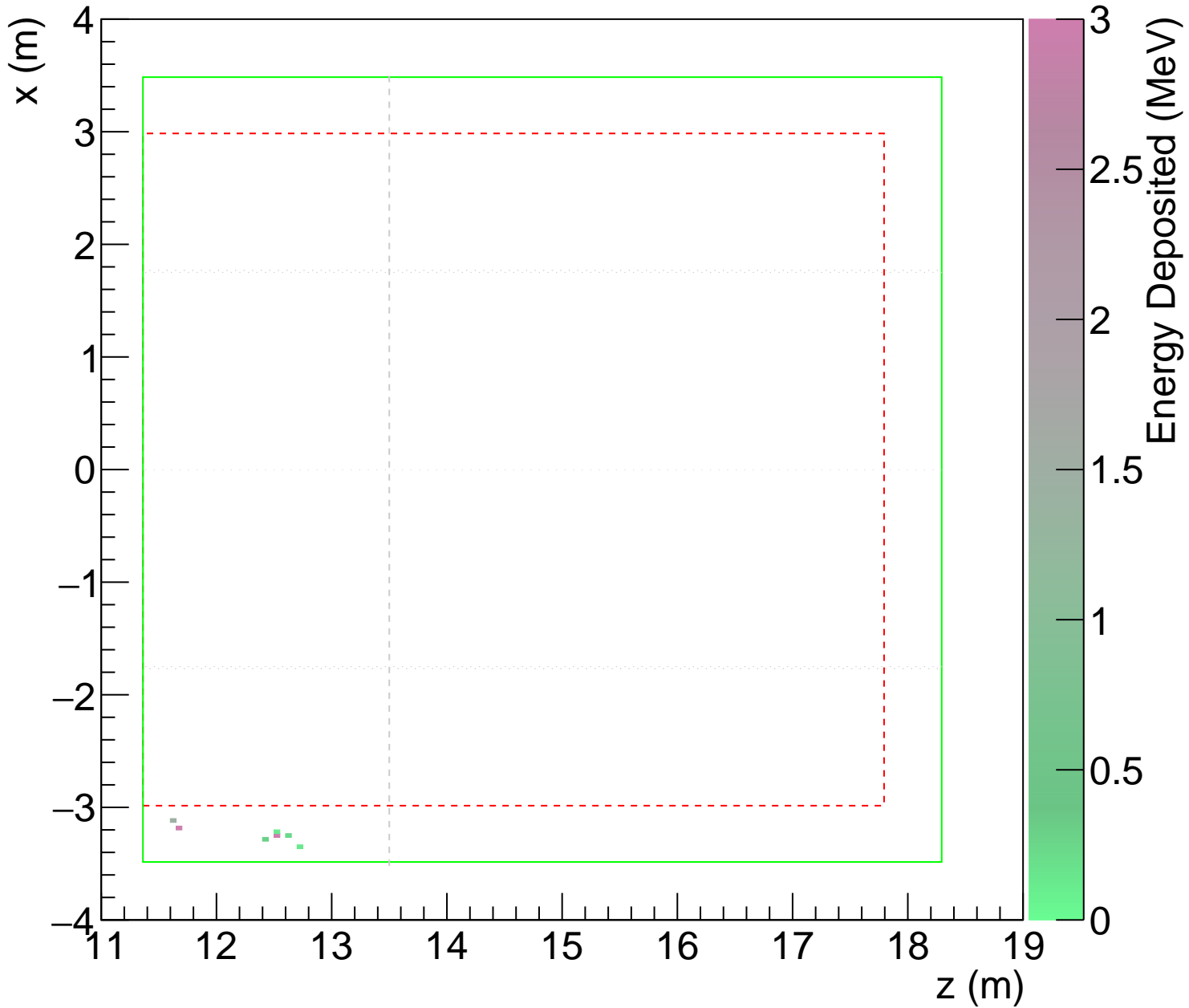


# Event 430 reconstructed

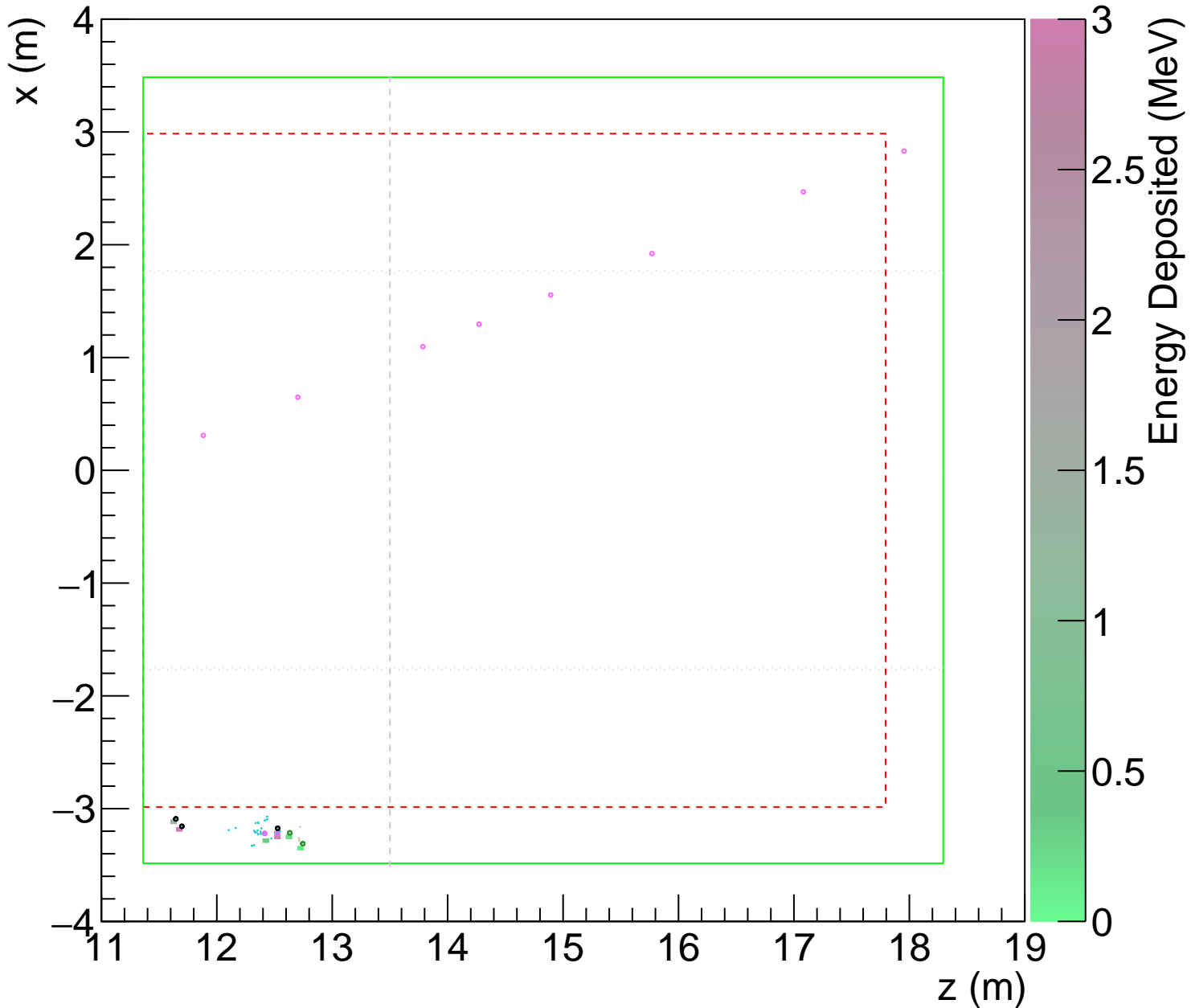
nLines: 1, nClusters: 0



Event 433, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=6.25$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,q:1(s),proc:Weak[CC],DIS,

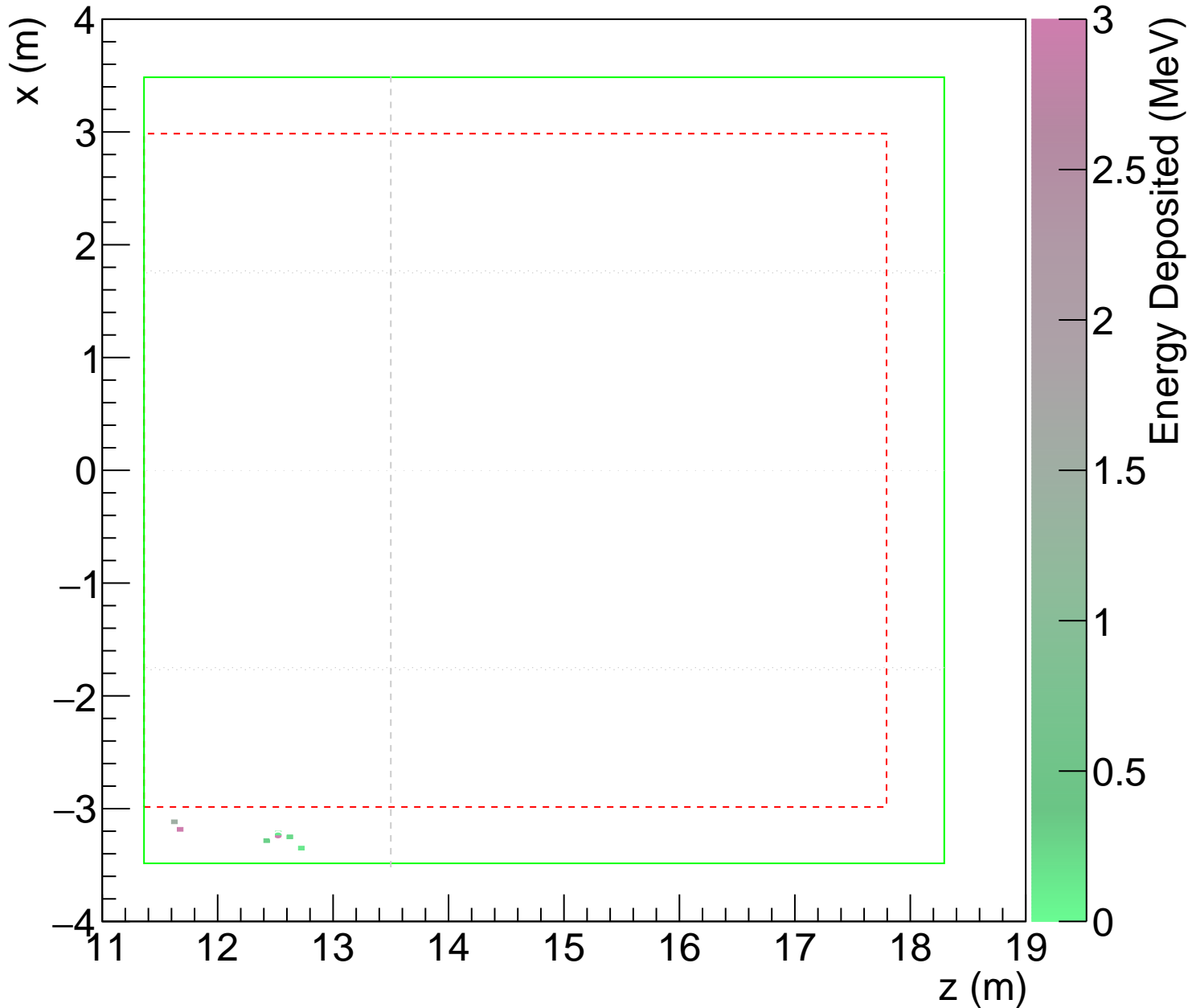


Event 433, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=6.25$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:12,tgt:1000180400,N:2112,q:1(s),proc:Weak[CC],DIS,



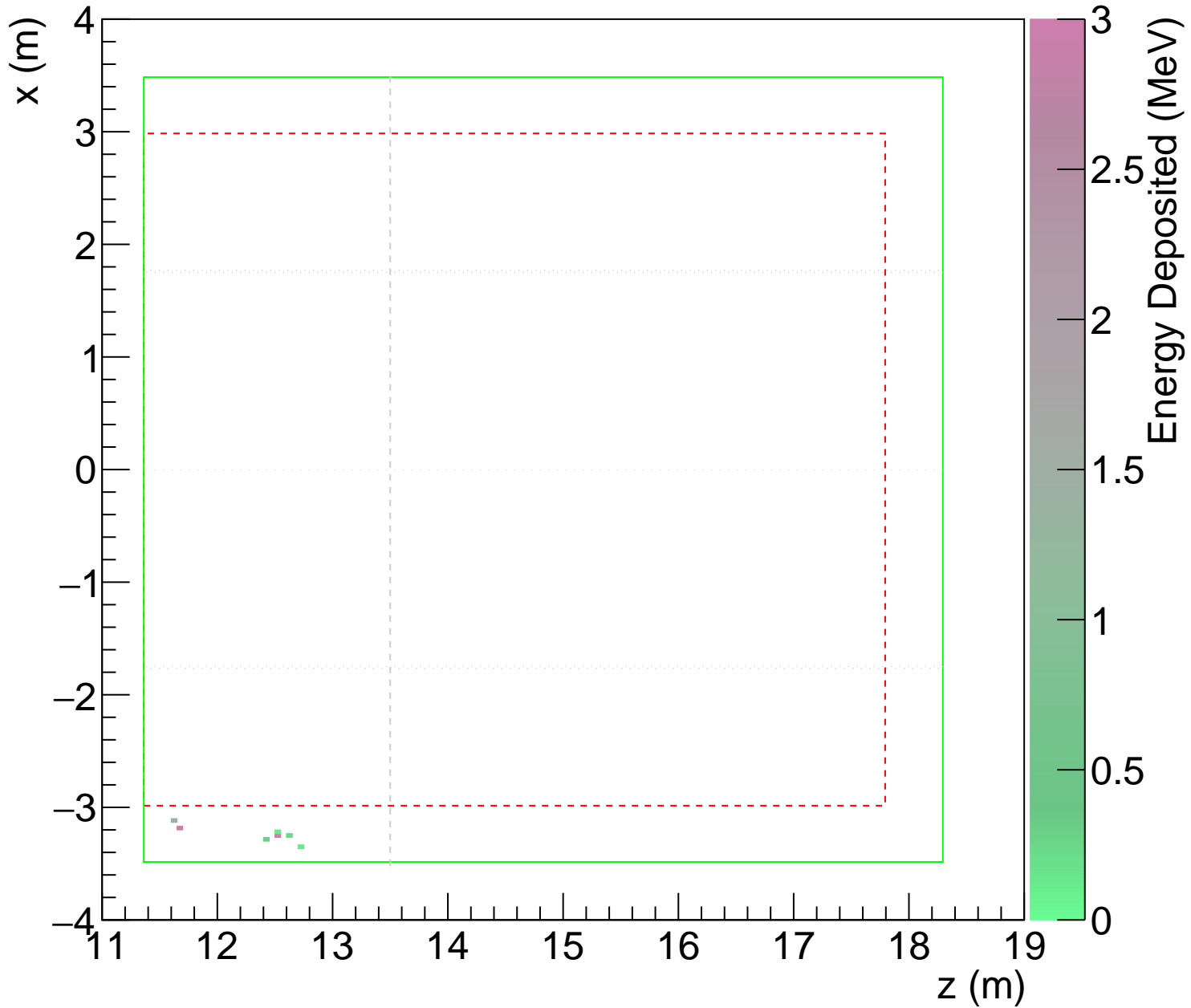
# Event 433 reconstructed

nLines: 0, nClusters: 1

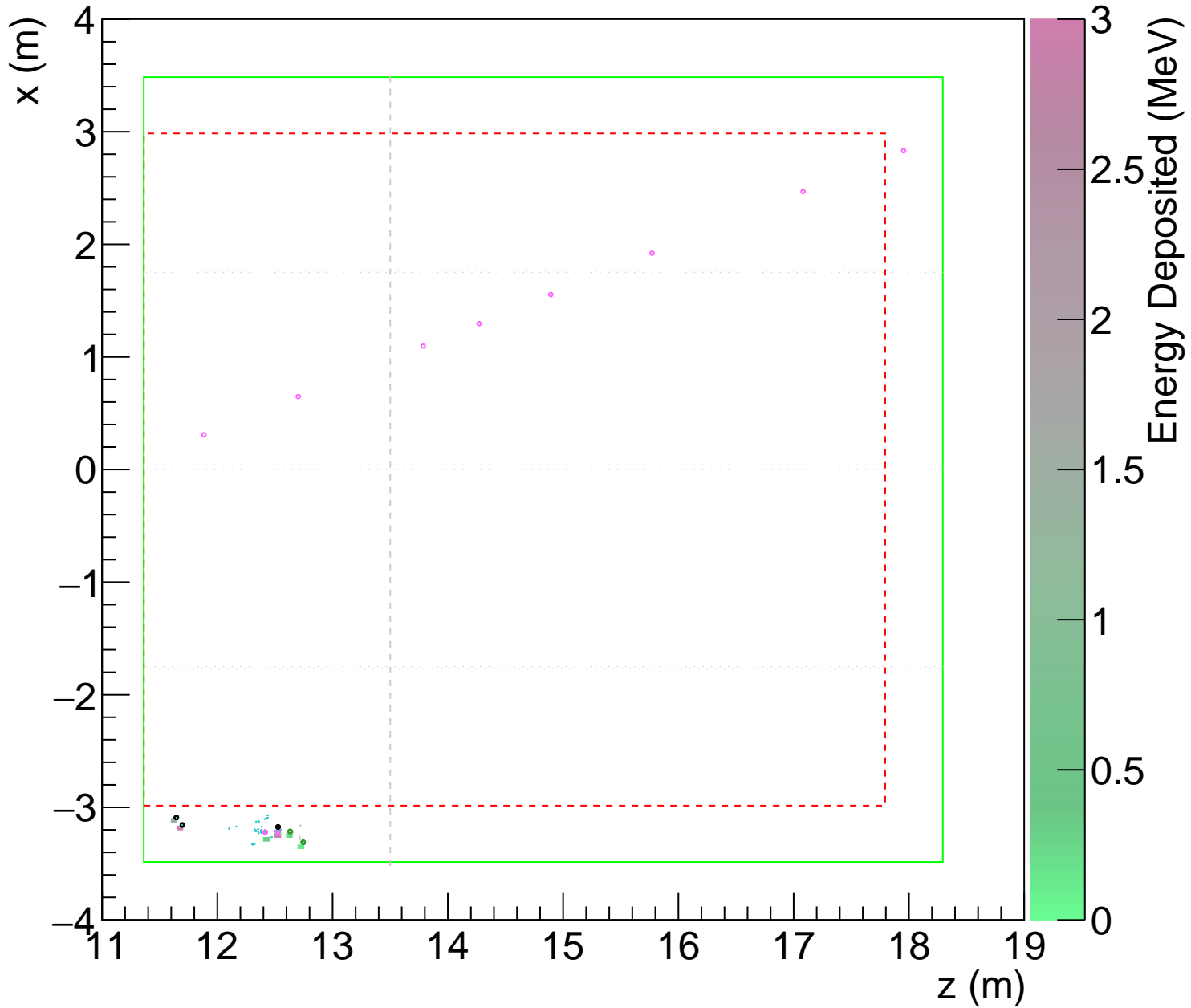




Event 434, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.58$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

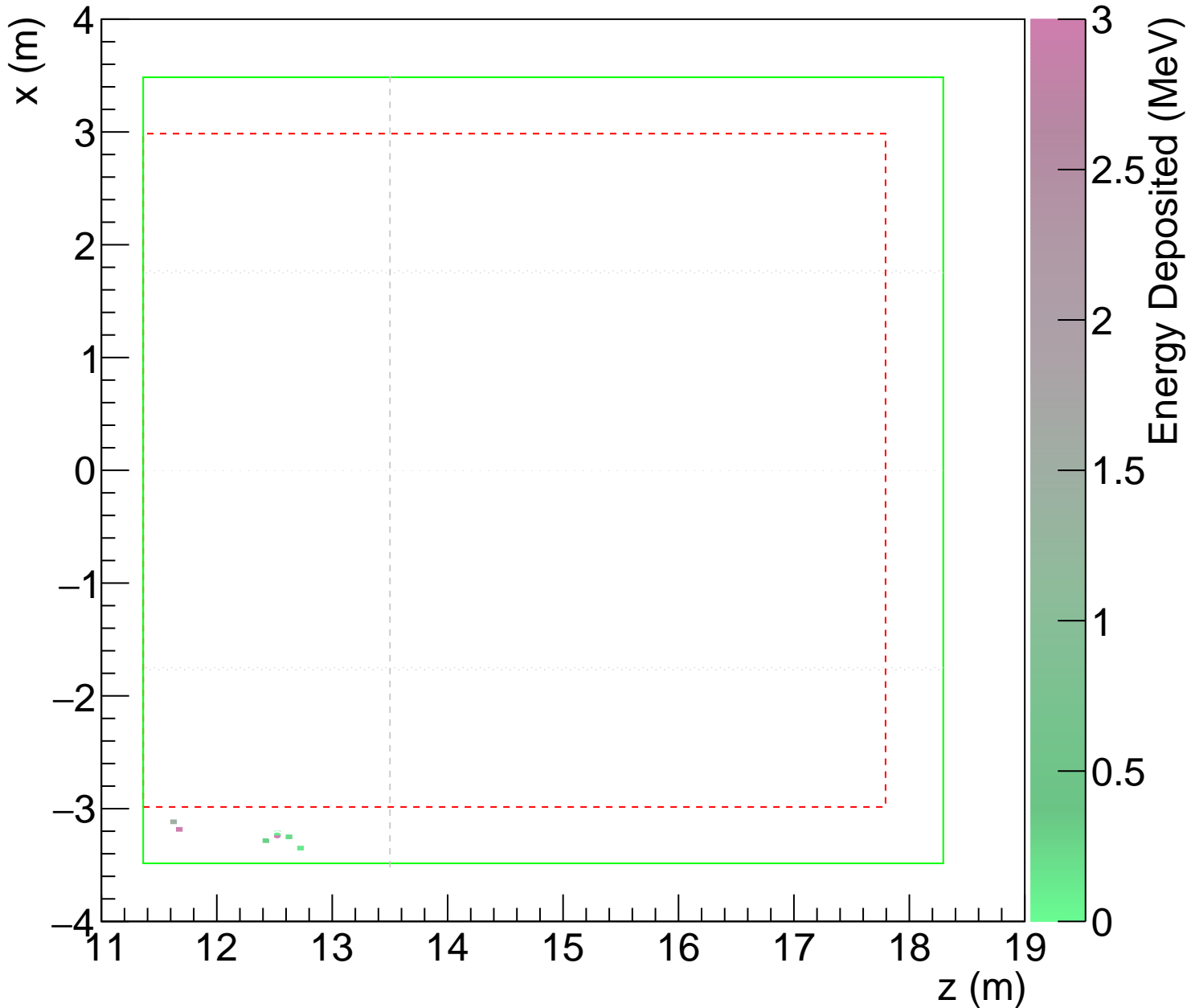


Event 434, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.58$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

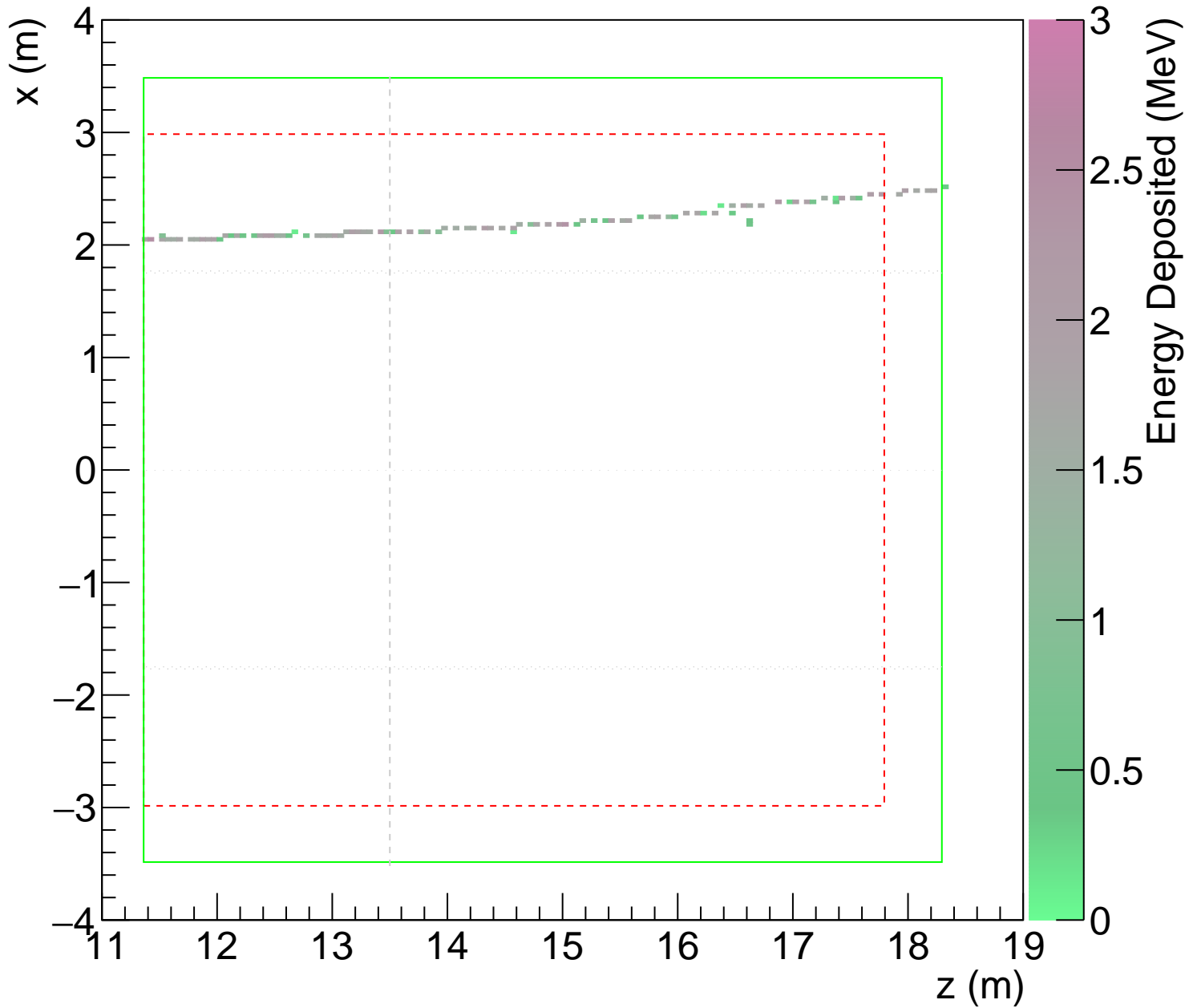


# Event 434 reconstructed

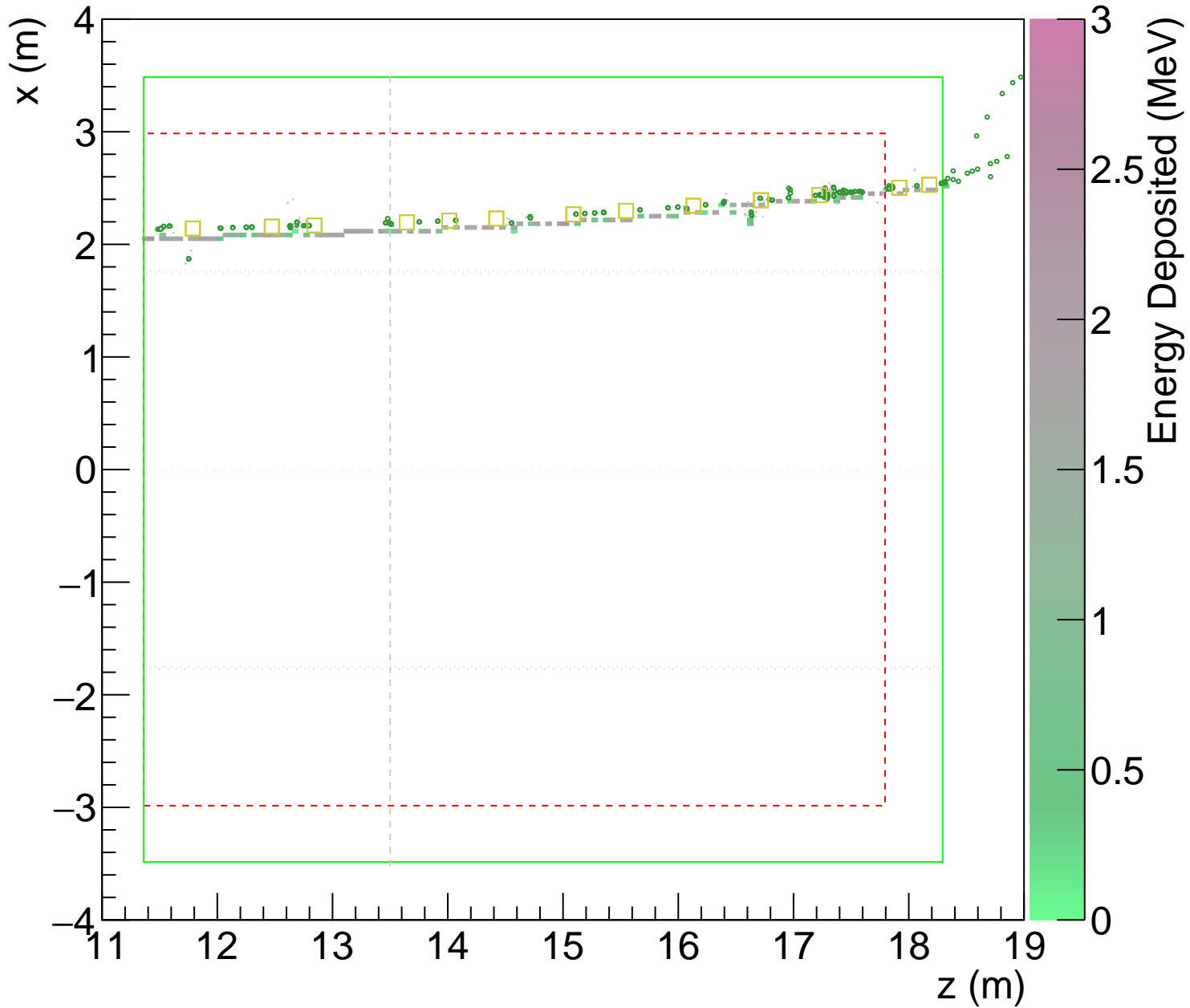
nLines: 0, nClusters: 1



Event 435, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=17.92$  GeV,  $E_{\mu}^{\text{true}}=17.86$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

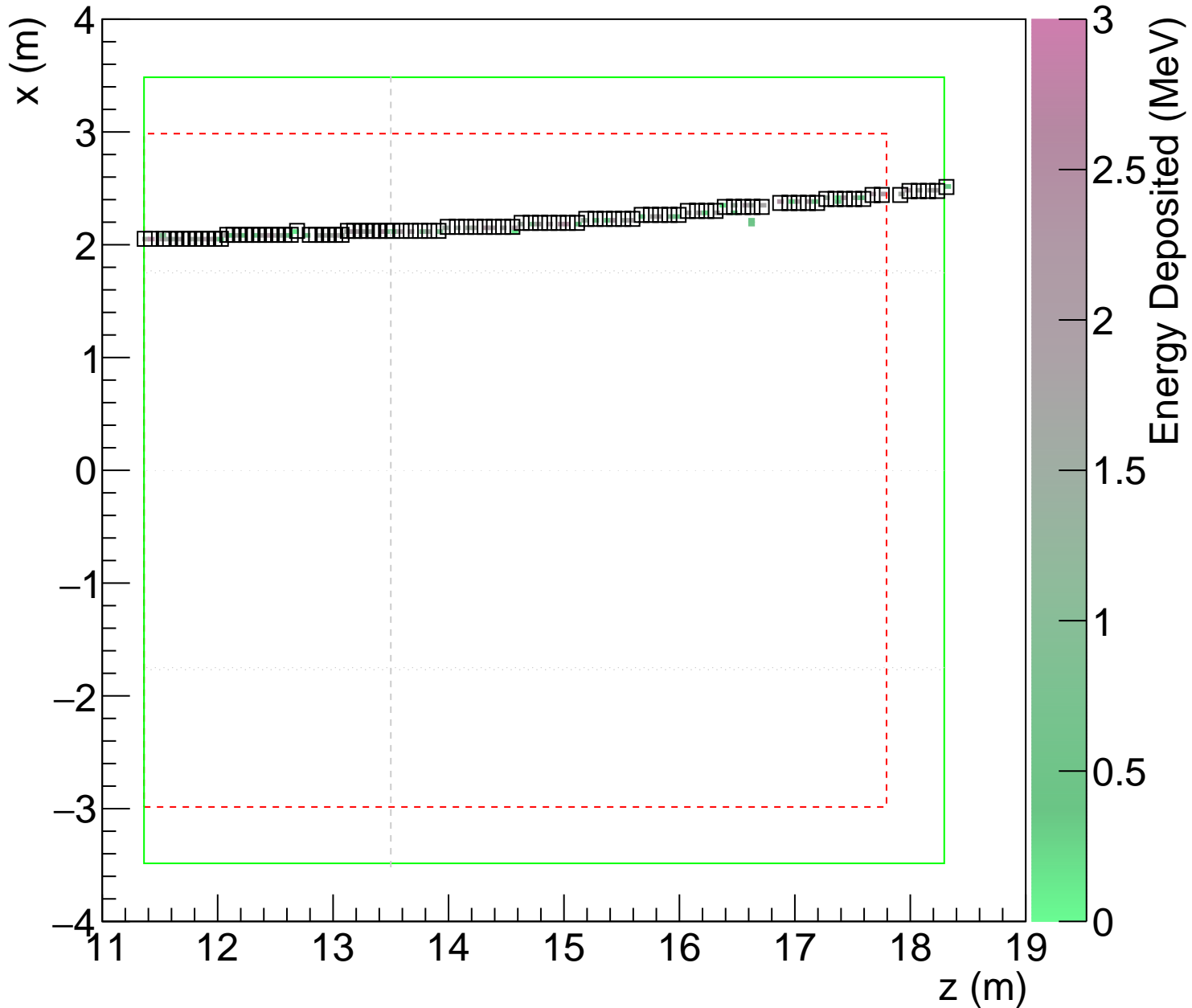


Event 435, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=17.92$  GeV,  $E_{\mu}^{\text{true}}=17.86$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

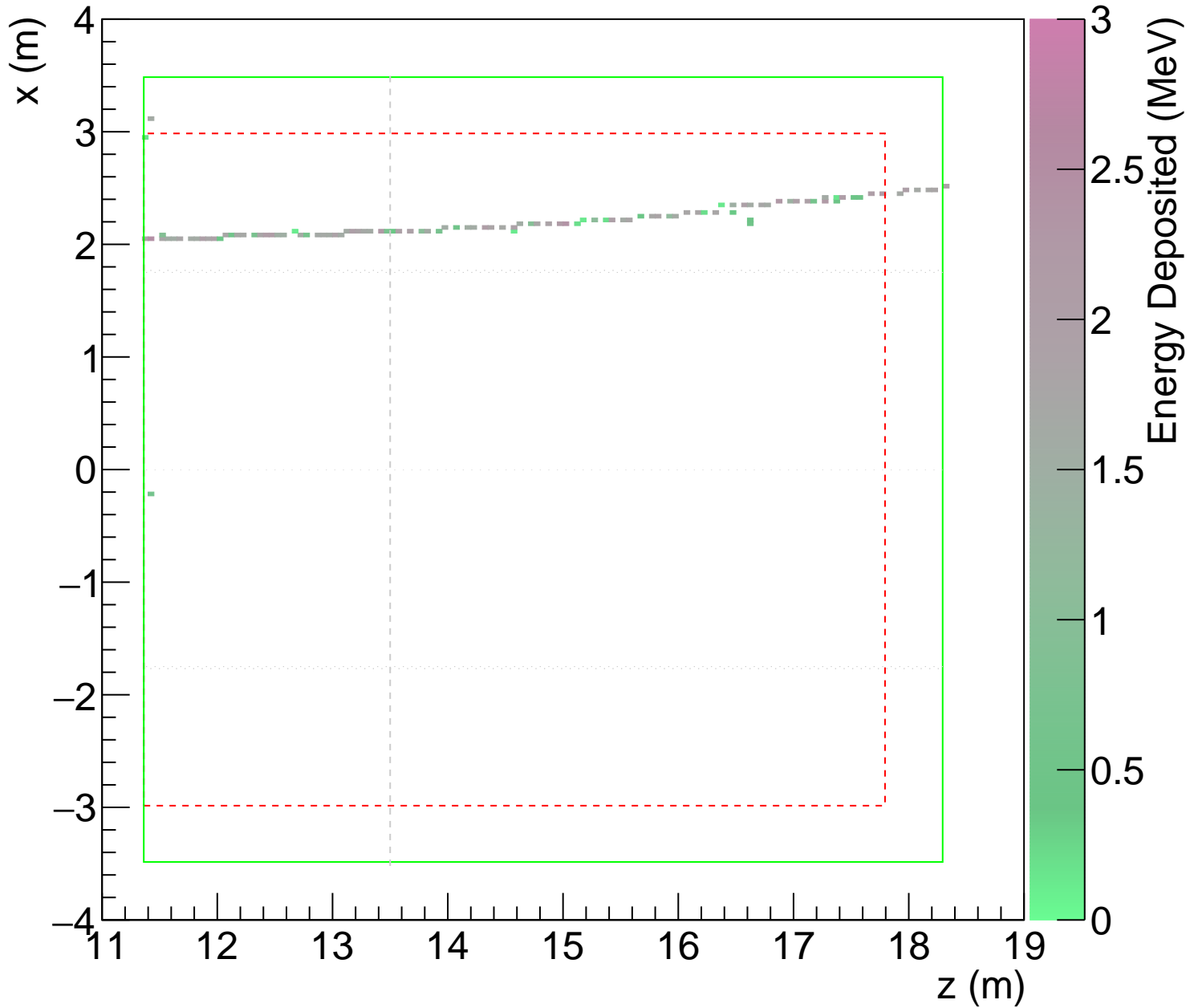


# Event 435 reconstructed

nLines: 1, nClusters: 0



Event 436, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.56$  GeV,  $E_{\mu}^{\text{true}}=17.86$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

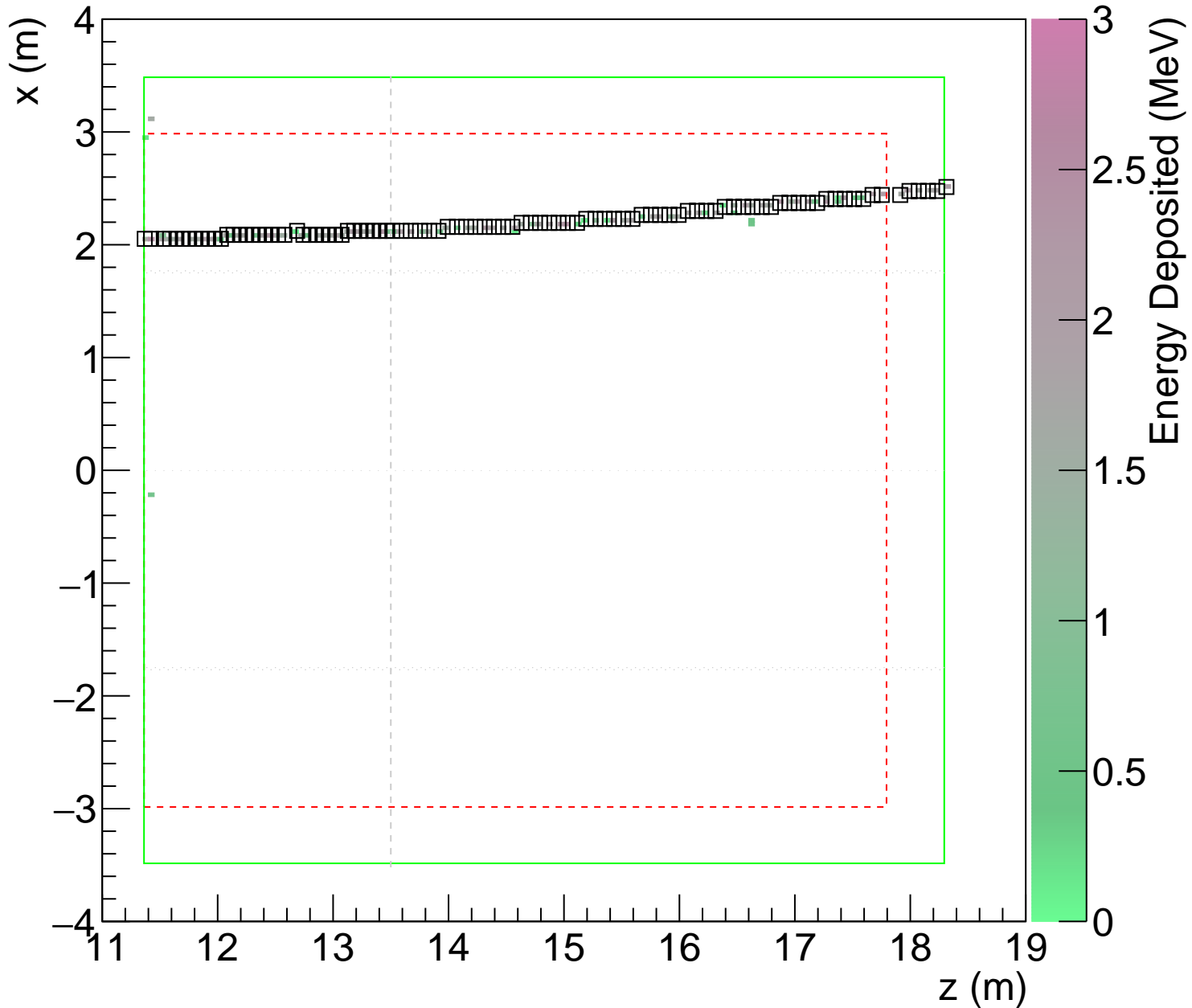




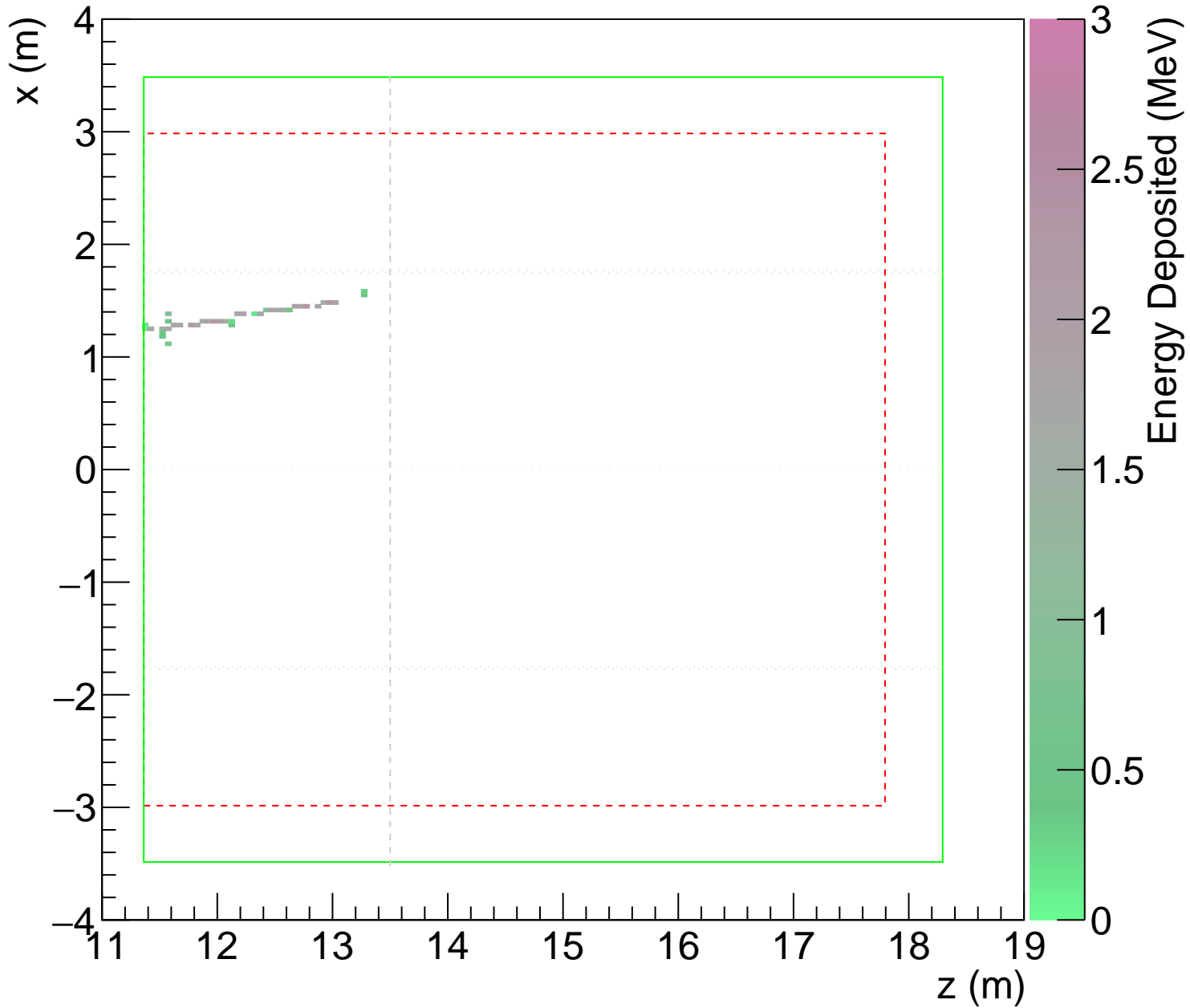


# Event 436 reconstructed

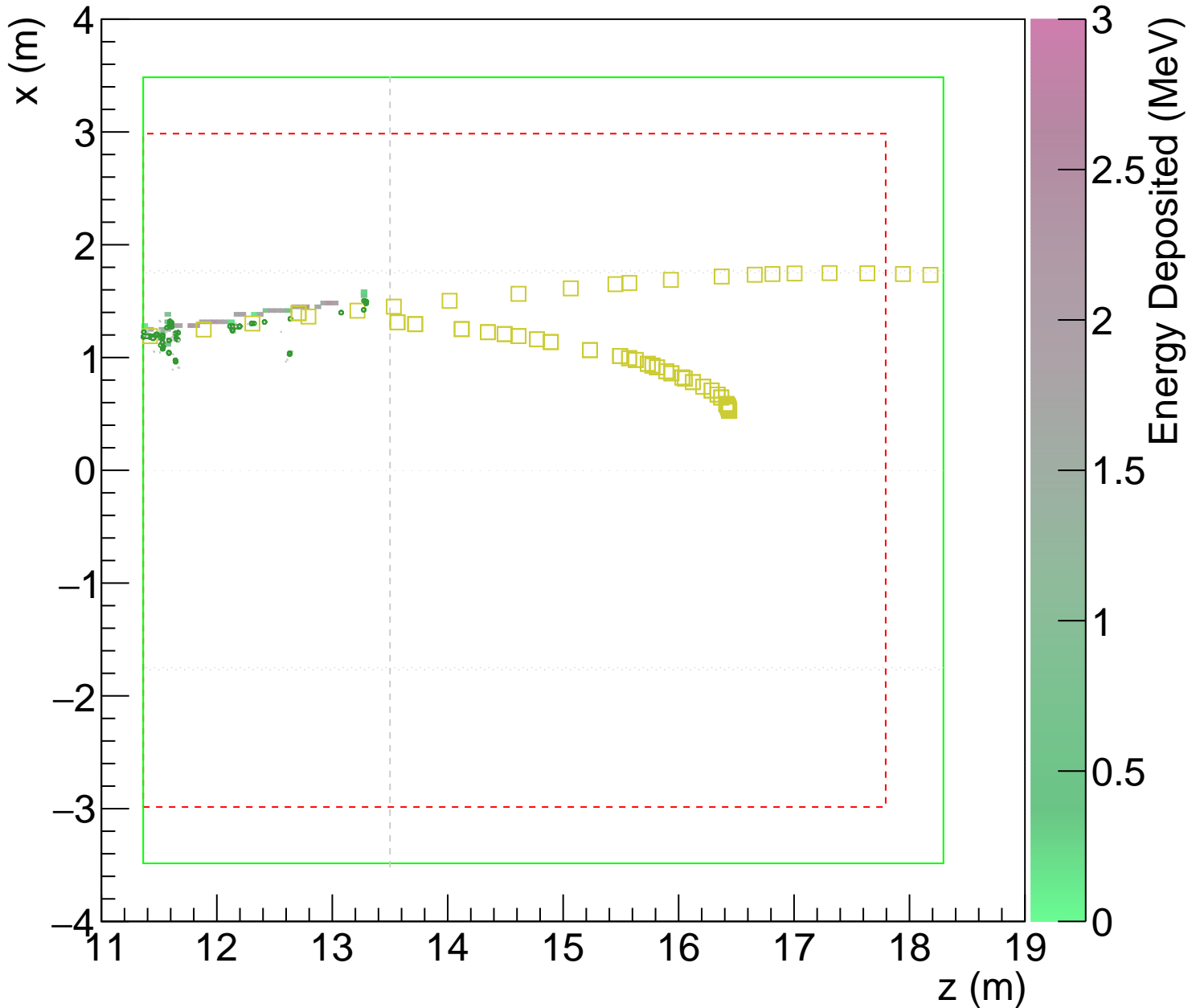
nLines: 1, nClusters: 0



Event 440, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=28.99$  GeV,  $E_{\mu}^{\text{true}}=9.88$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

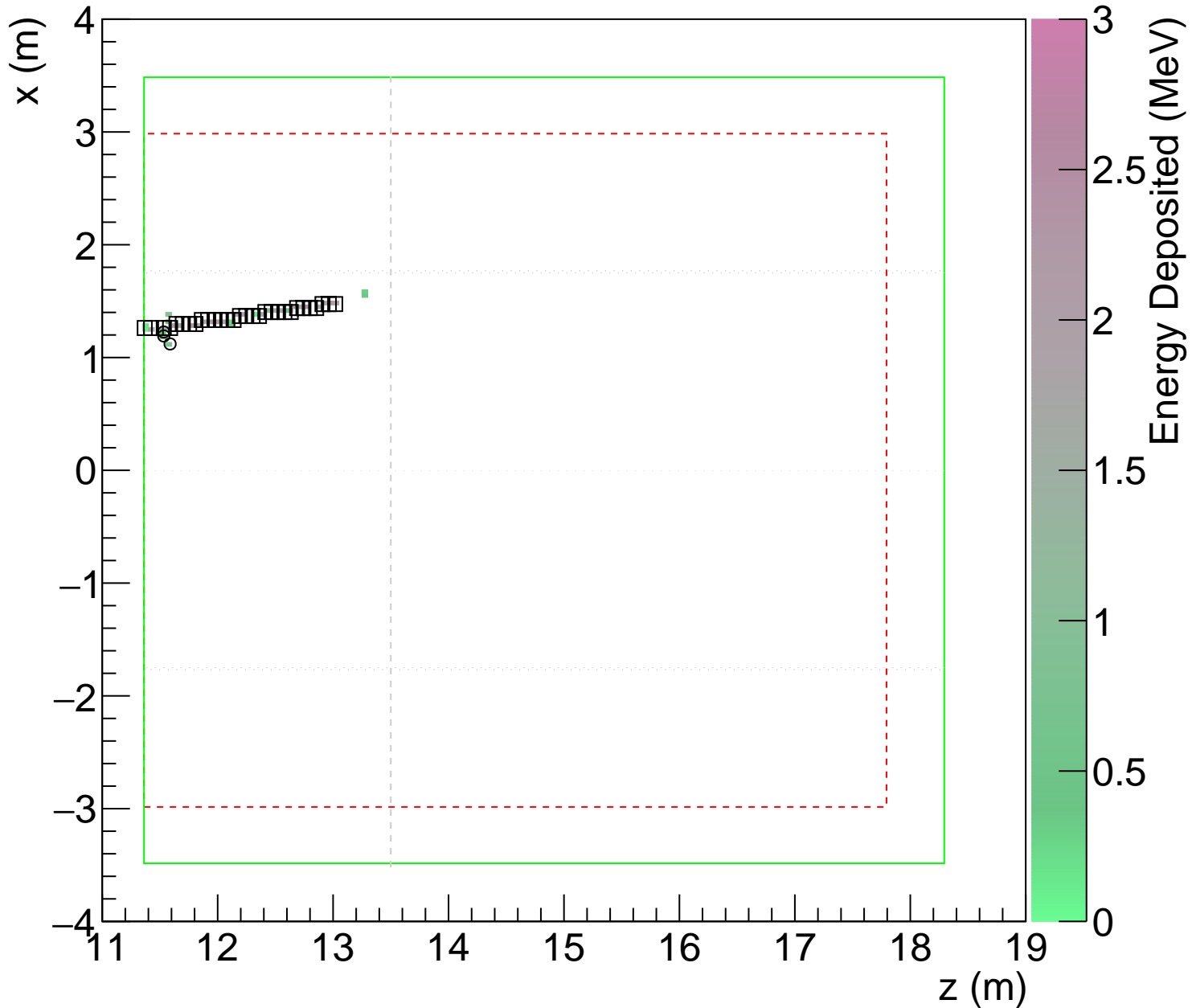


Event 440, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=28.99$  GeV,  $E_{\mu}^{\text{true}}=9.88$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

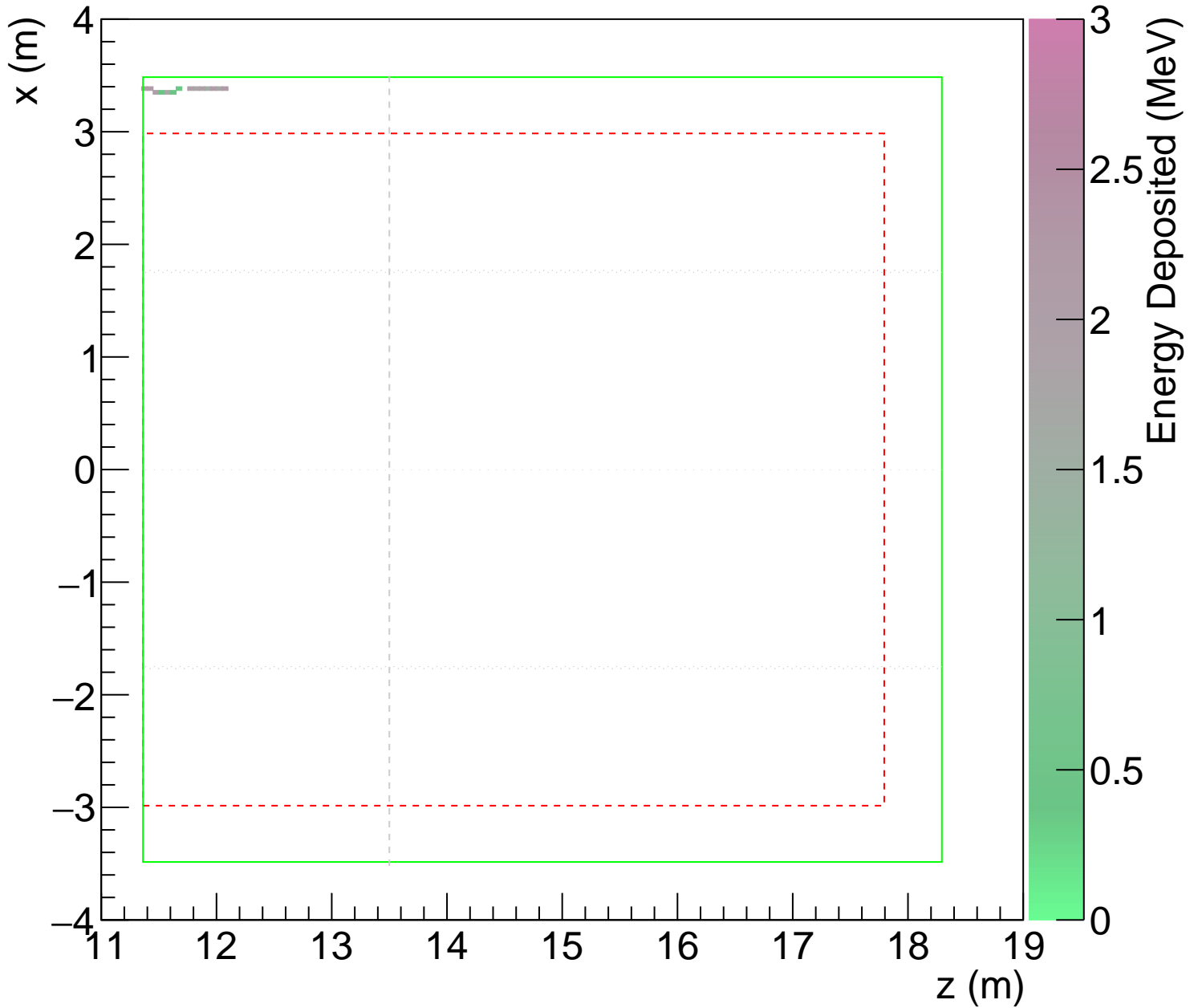


# Event 440 reconstructed

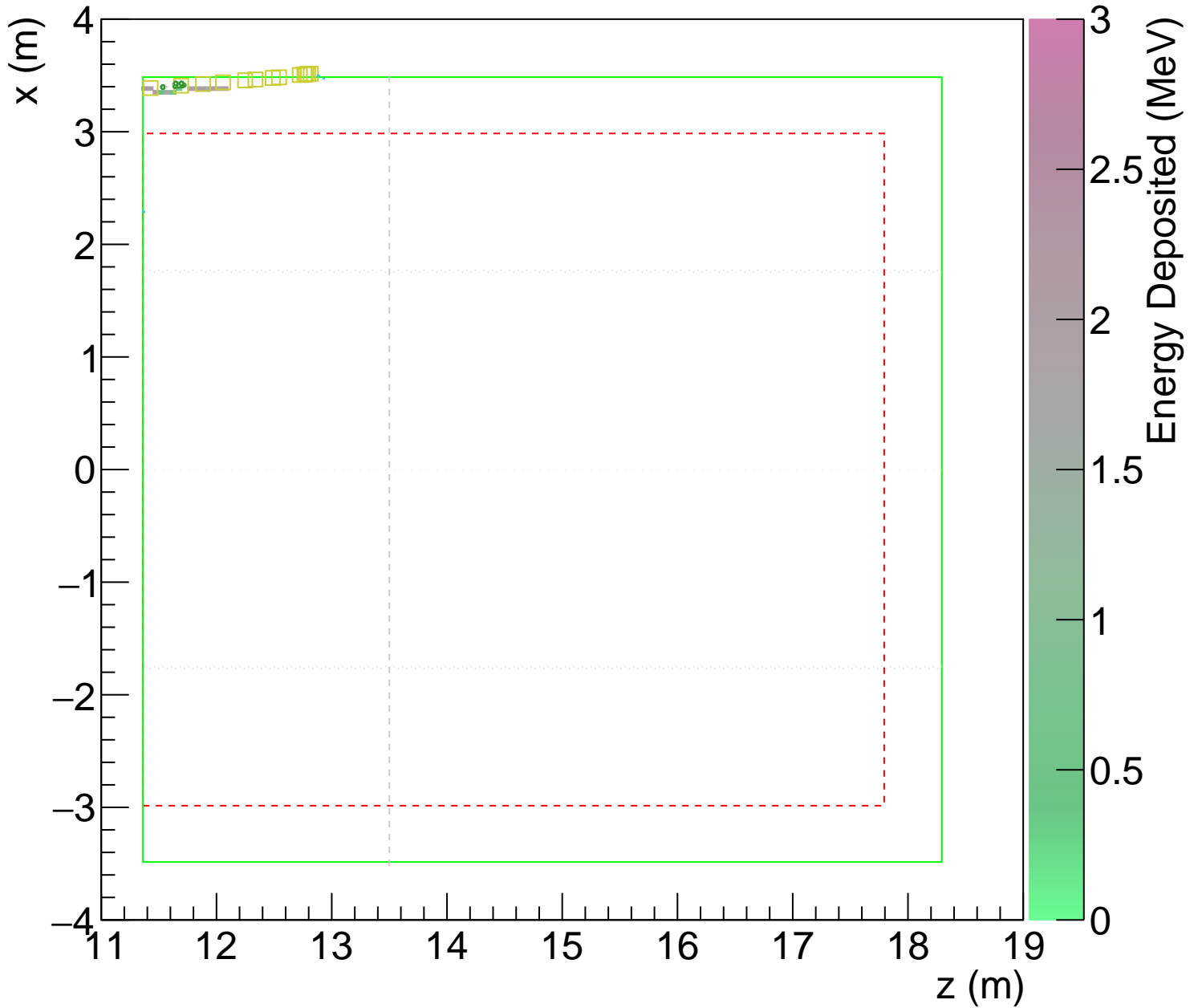
nLines: 1, nClusters: 1



Event 441, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=30.31$  GeV,  $E_{\mu}^{\text{true}}=2.70$  GeV  
nu:14,tgt:1000010010,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

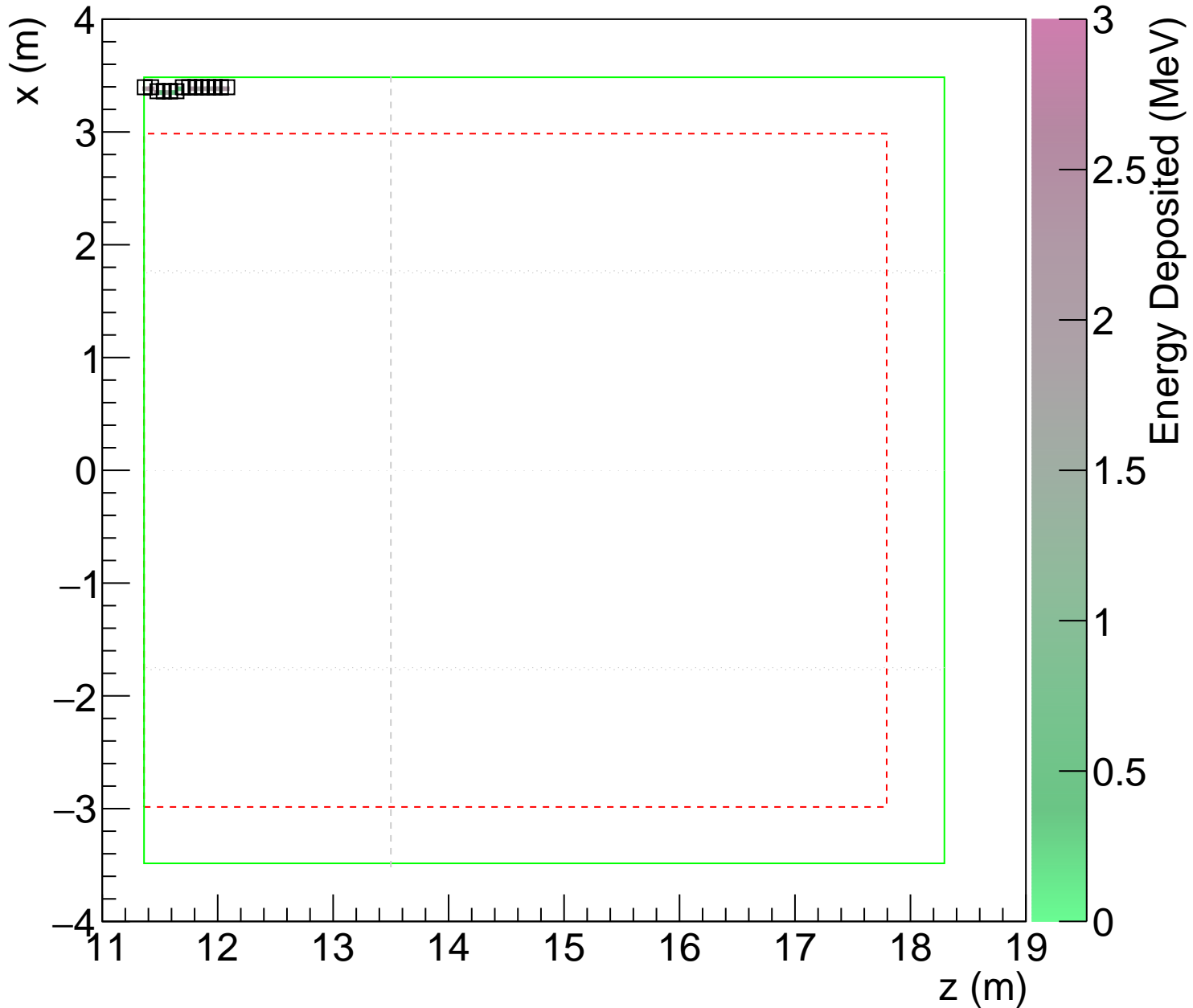


Event 441, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=30.31$  GeV,  $E_{\mu}^{\text{true}}=2.70$  GeV  
nu:14,tgt:1000010010,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

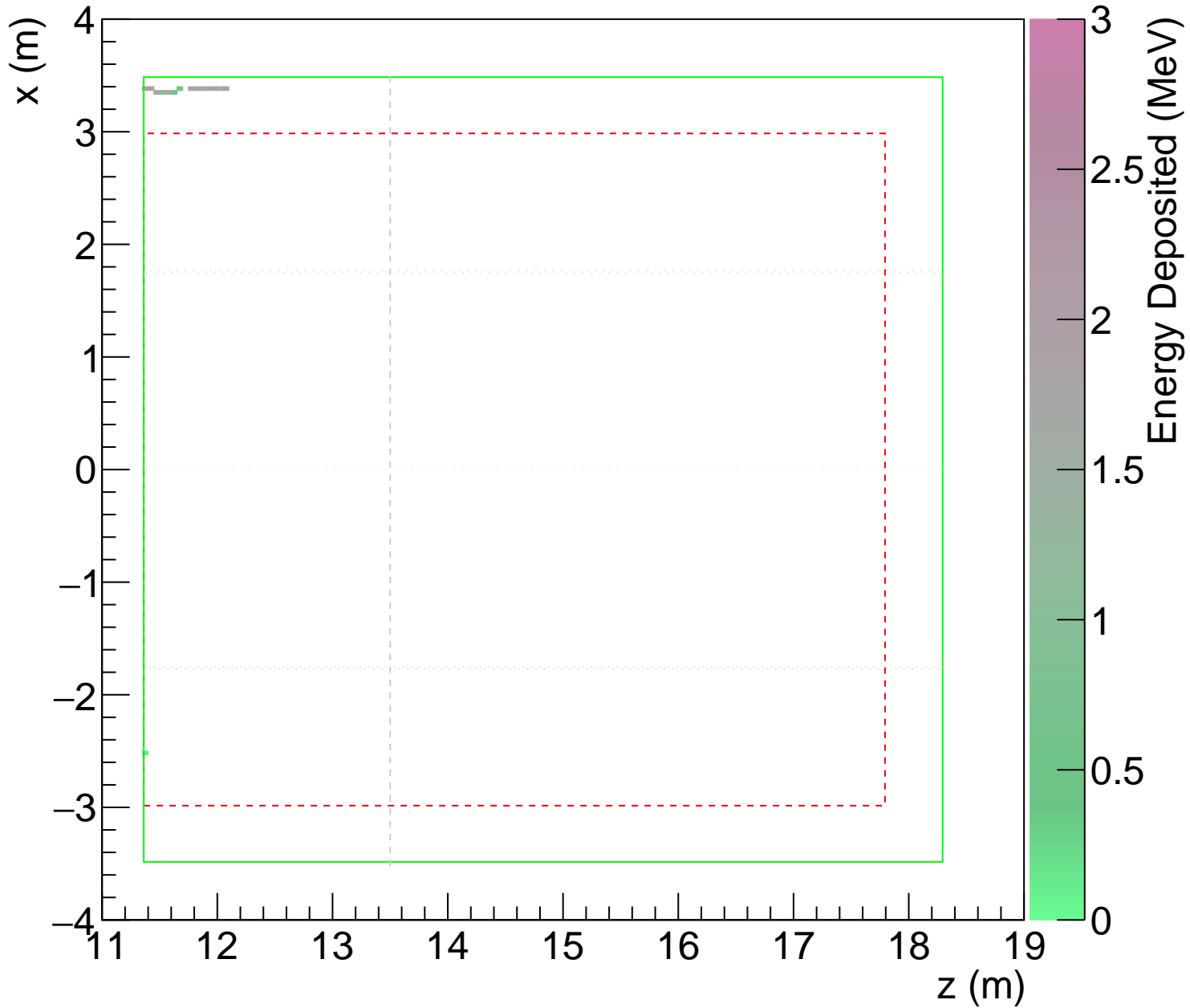


# Event 441 reconstructed

nLines: 1, nClusters: 0

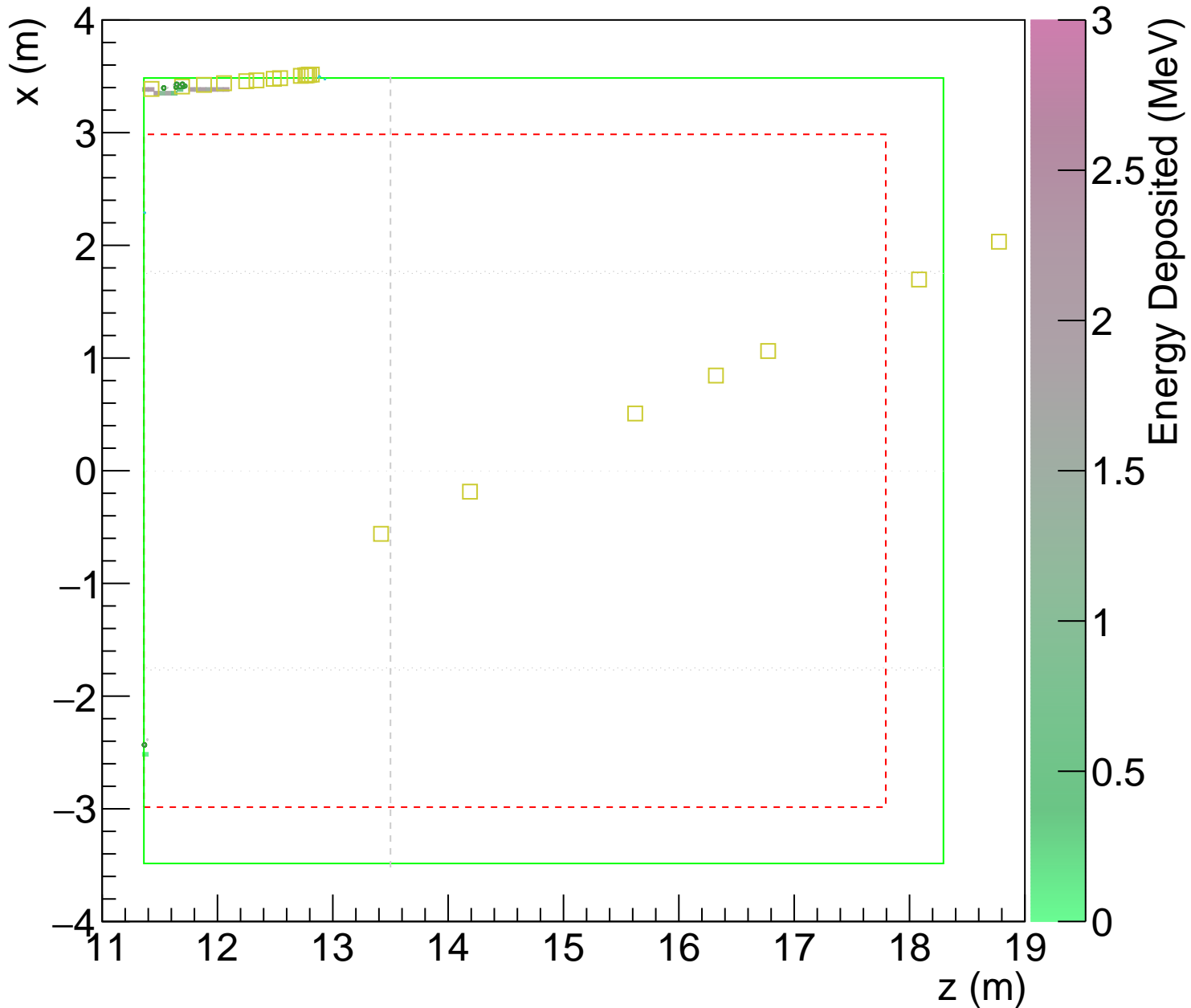


Event 442, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.65$  GeV,  $E_{\mu}^{\text{true}}=2.70$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



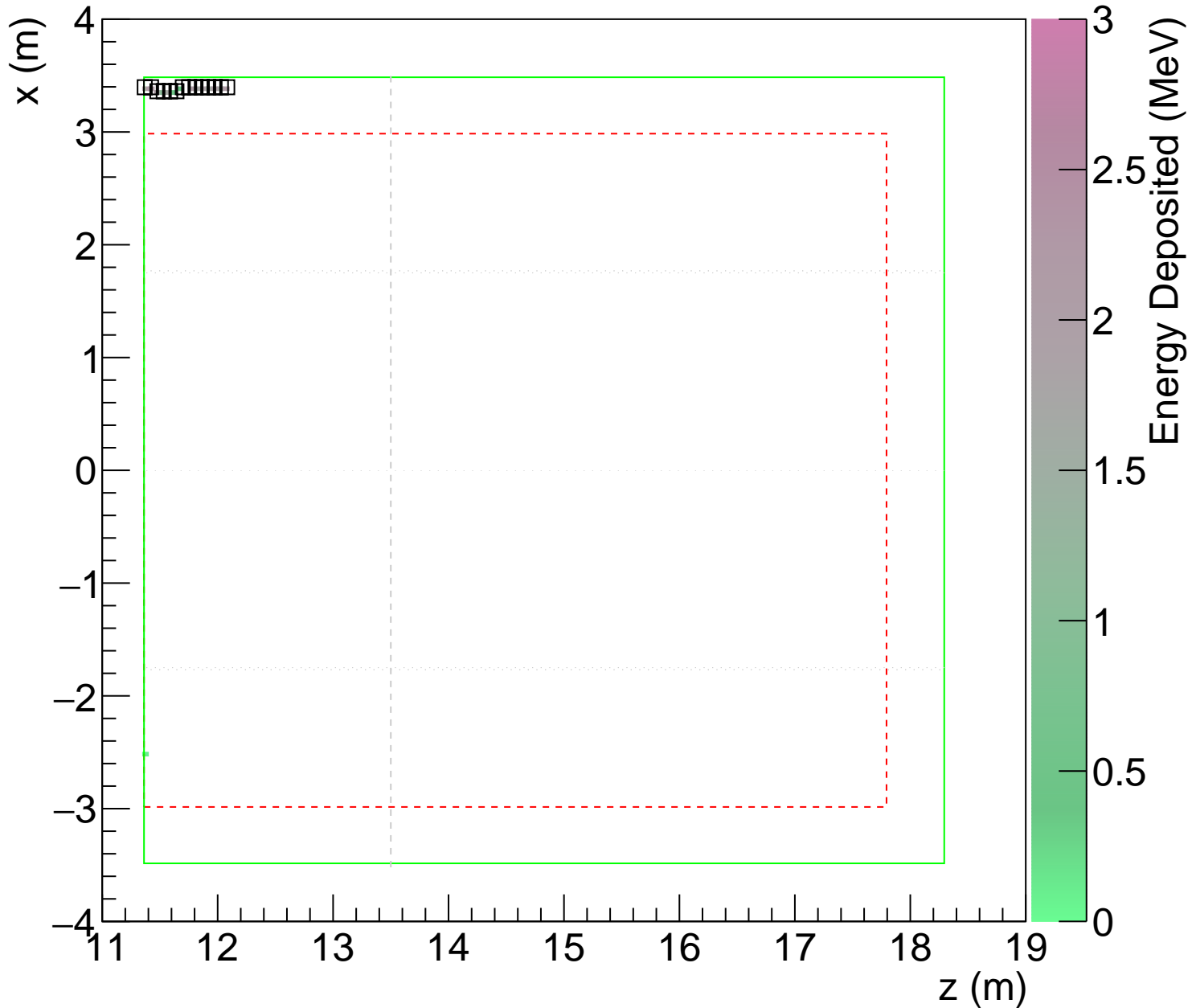


Event 442, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.65$  GeV,  $E_{\mu}^{\text{true}}=2.70$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

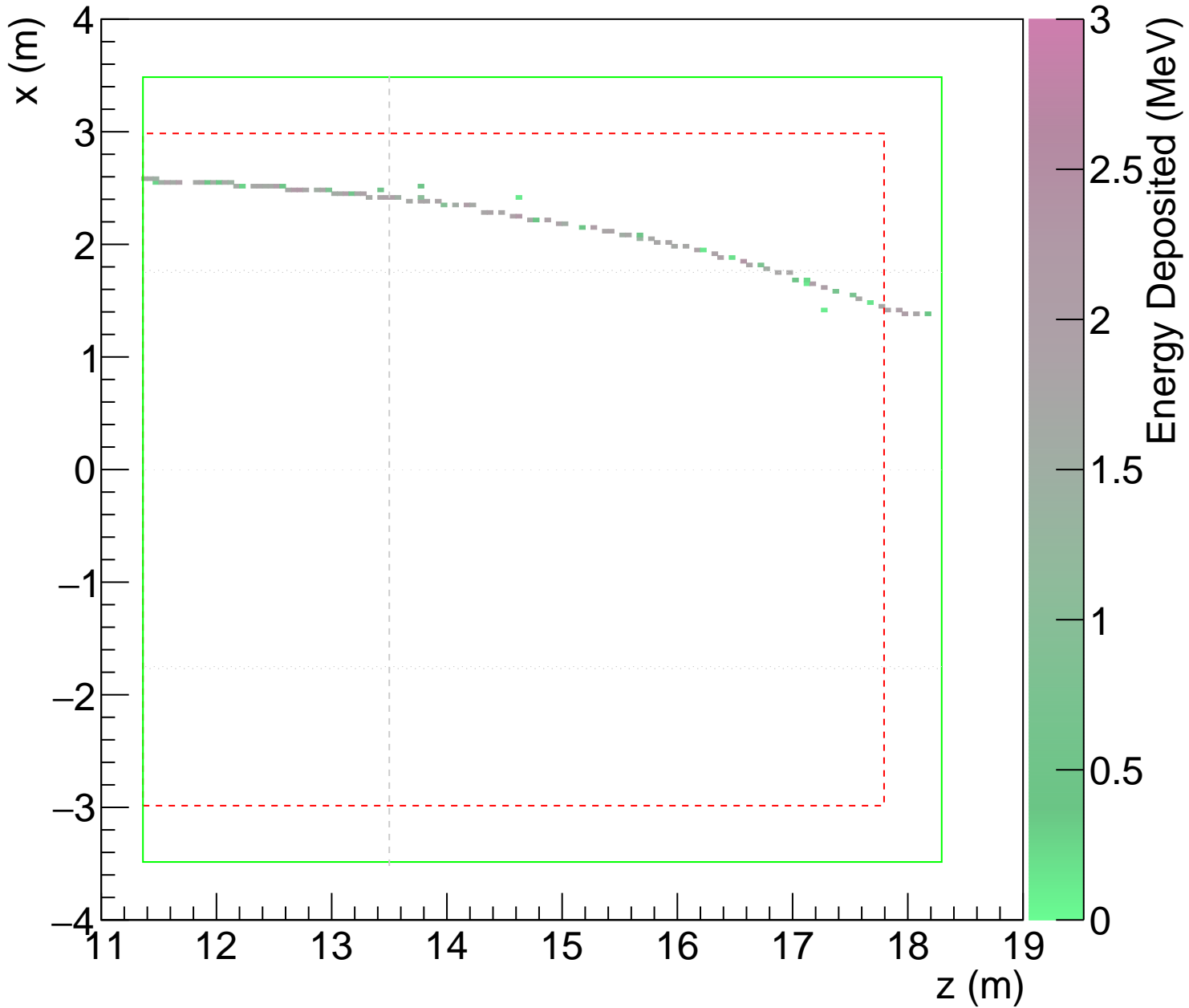


# Event 442 reconstructed

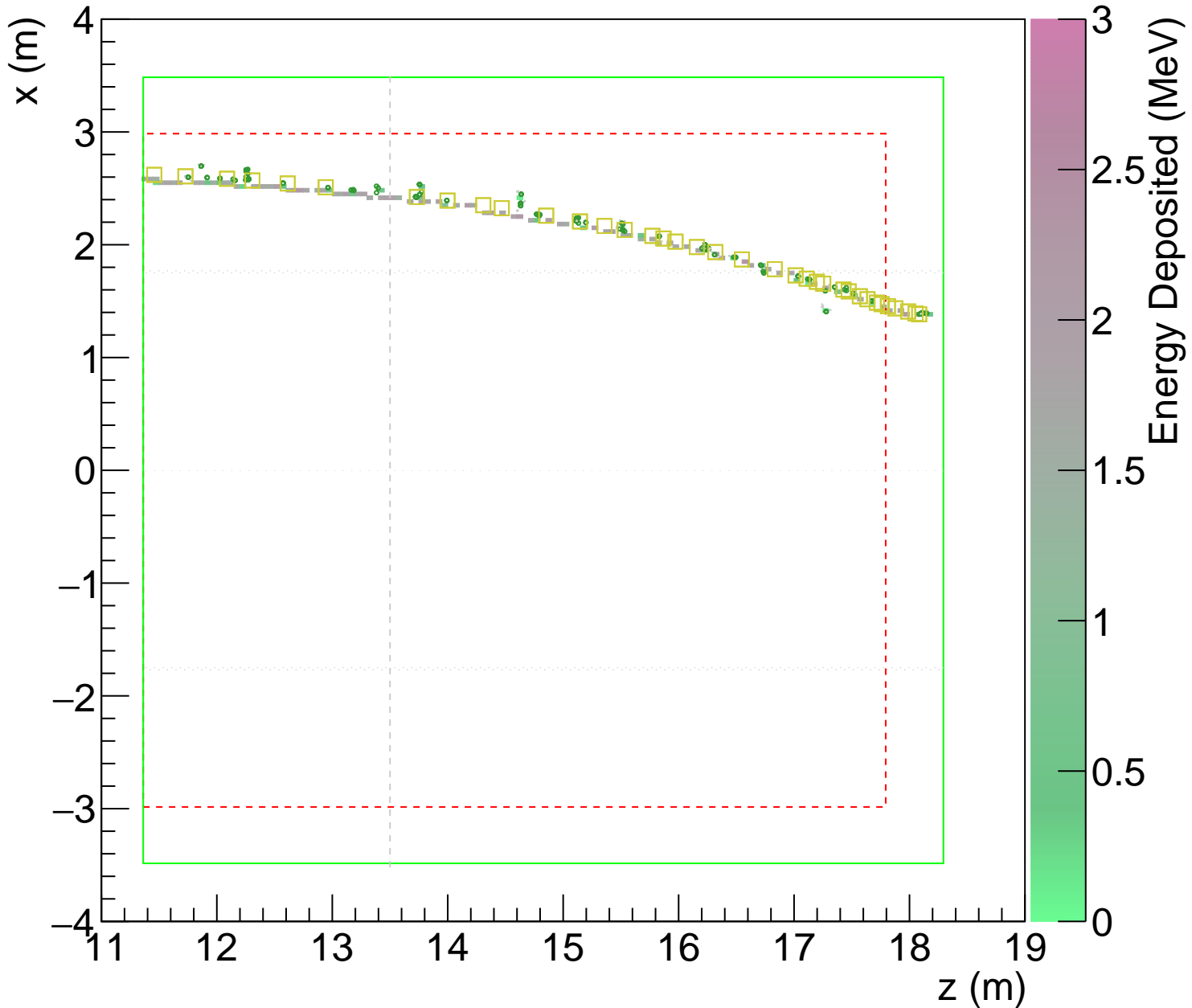
nLines: 1, nClusters: 0



Event 443, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=5.86$  GeV,  $E_{\mu}^{\text{true}}=5.16$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:1,

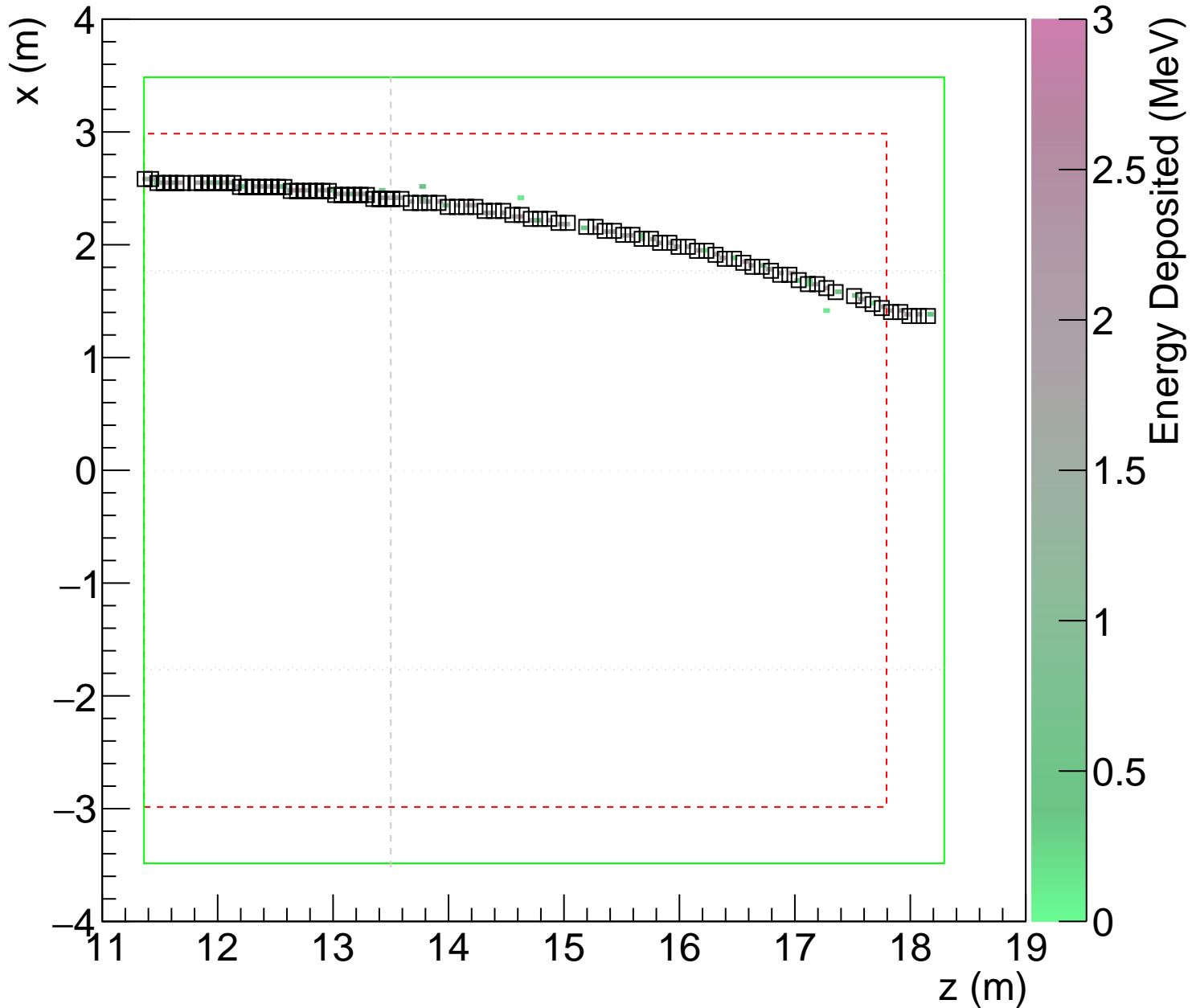


Event 443, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=5.86$  GeV,  $E_{\mu}^{\text{true}}=5.16$  GeV  
nu:-14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:1,

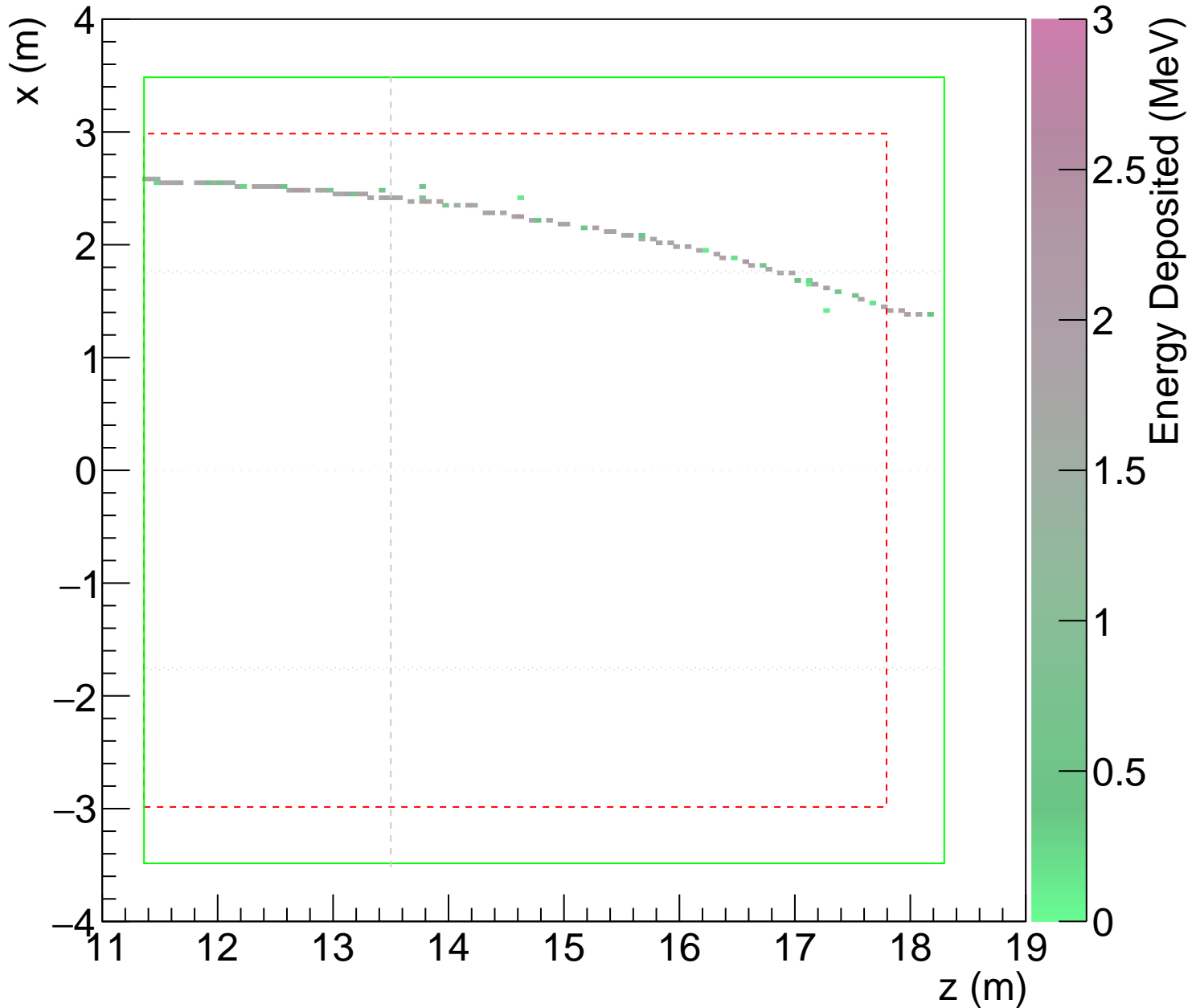


# Event 443 reconstructed

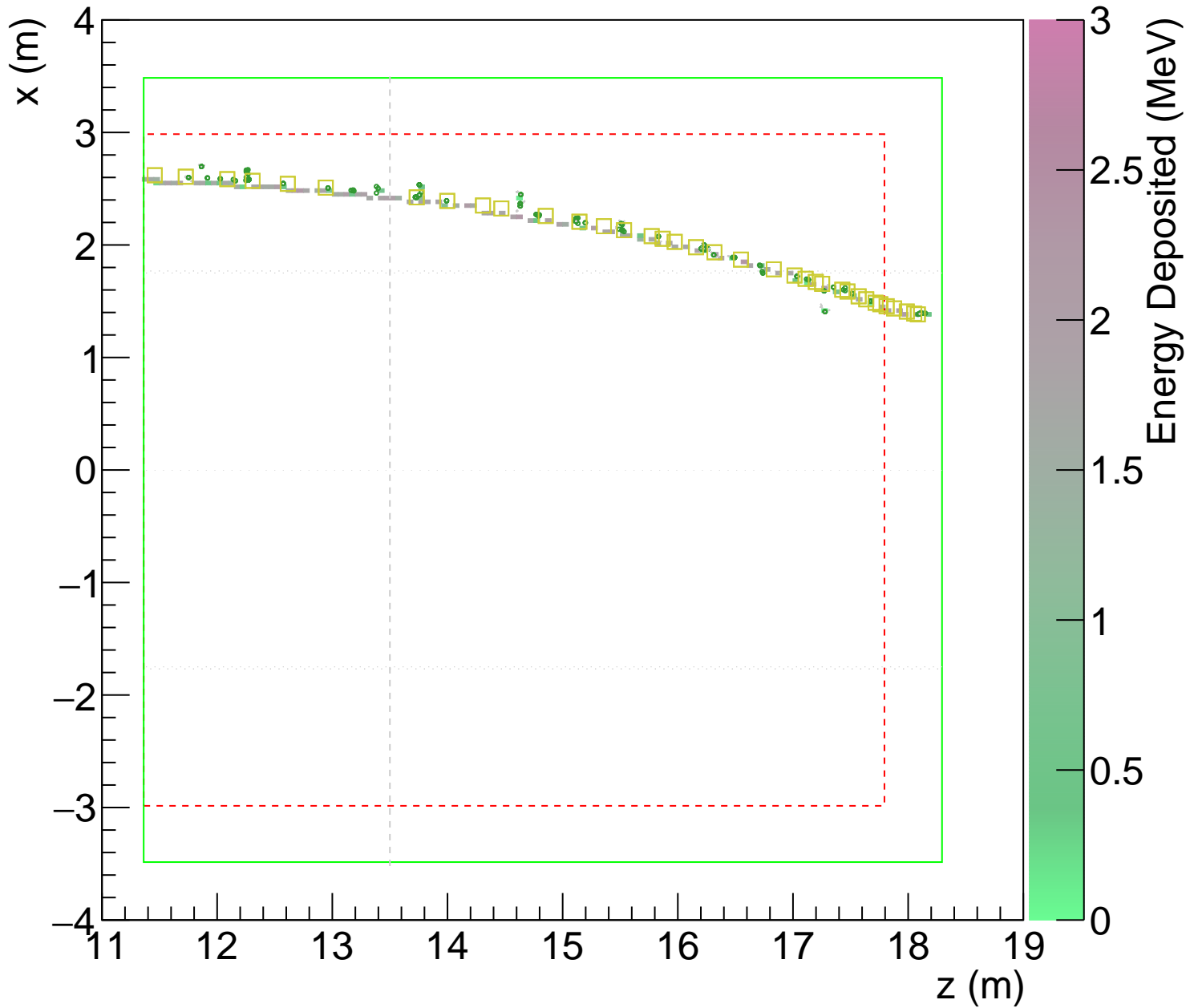
nLines: 1, nClusters: 0



Event 444, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.70$  GeV,  $E_{\mu}^{\text{true}}=5.16$  GeV  
nu:14,tgt:1000240520,N:2212,q:1(s),proc:Weak[CC],DIS,

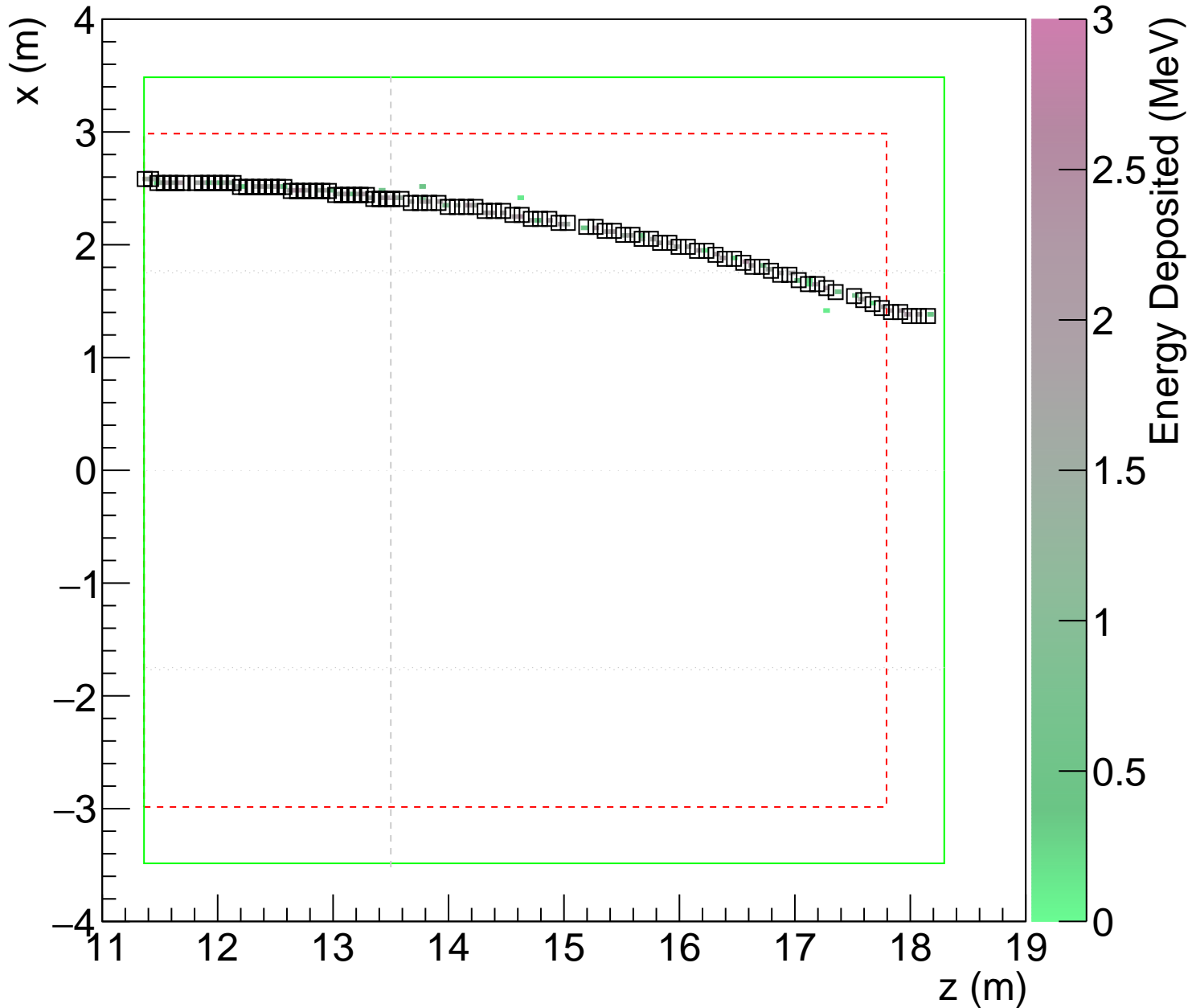


Event 444, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.70$  GeV,  $E_{\mu}^{\text{true}}=5.16$  GeV  
nu:14,tgt:1000240520,N:2212,q:1(s),proc:Weak[CC],DIS,



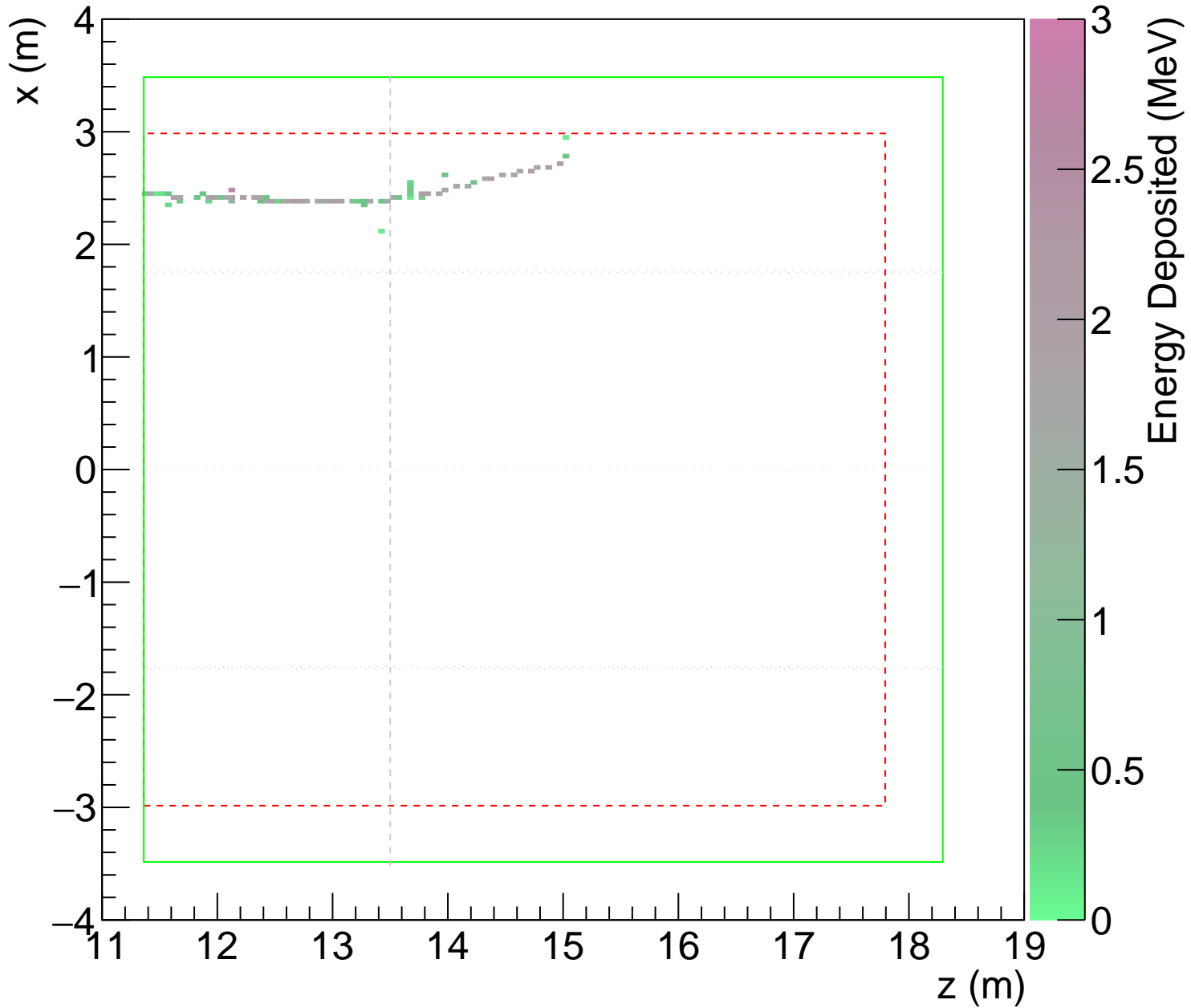
# Event 444 reconstructed

nLines: 1, nClusters: 0

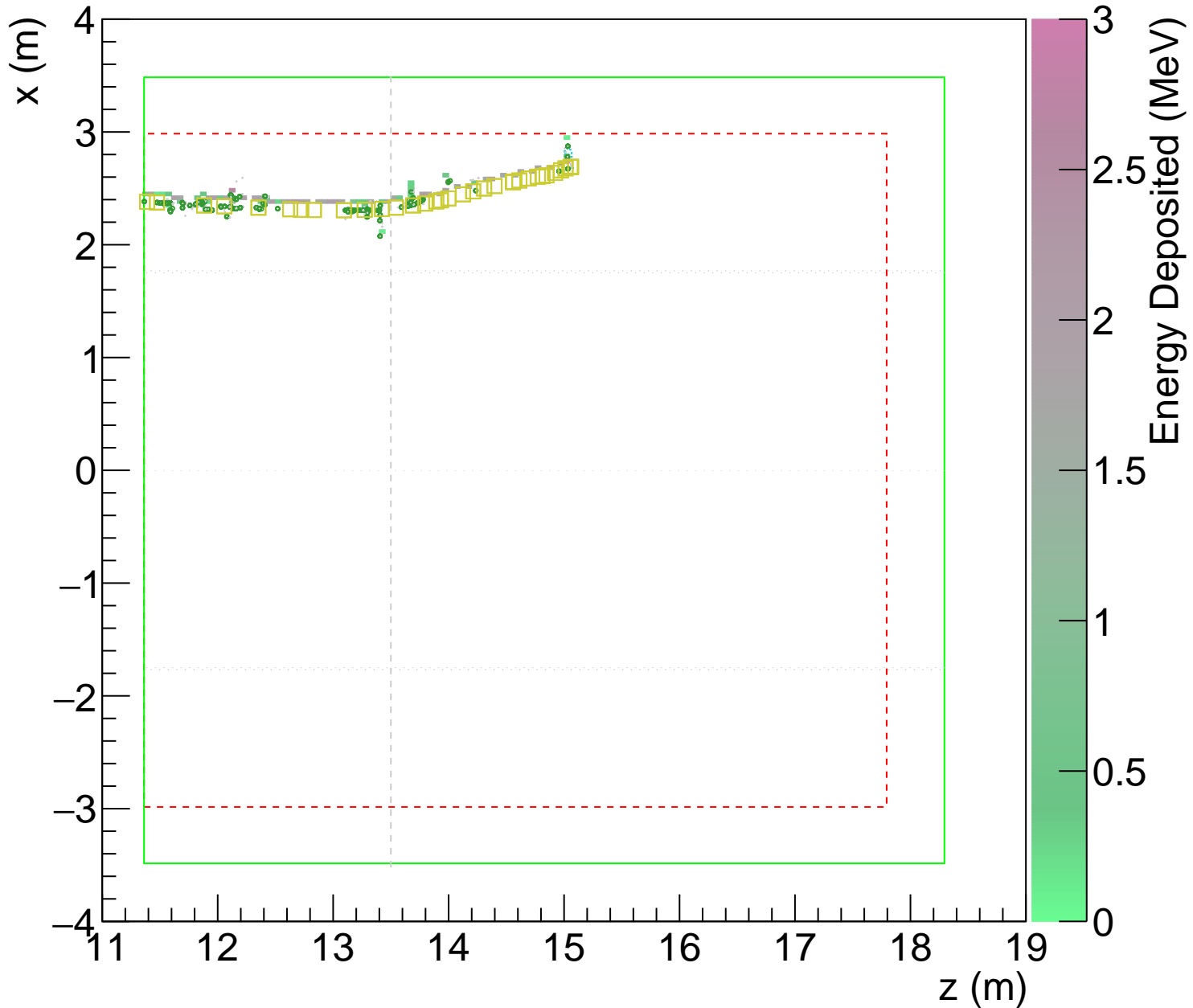




Event 448, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.71$  GeV,  $E_{\mu}^{\text{true}}=2.66$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

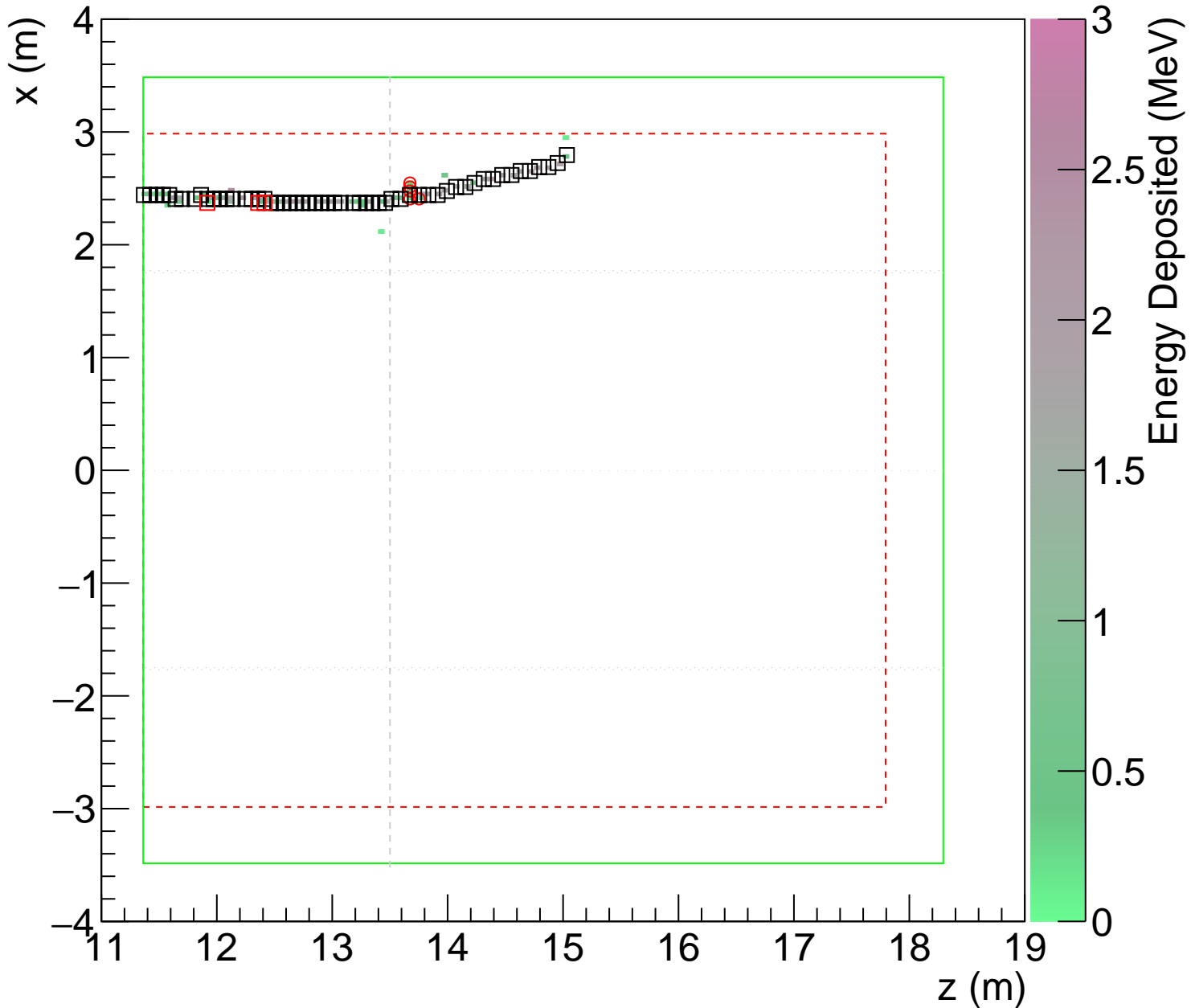


Event 448, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.71$  GeV,  $E_{\mu}^{\text{true}}=2.66$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],QES,

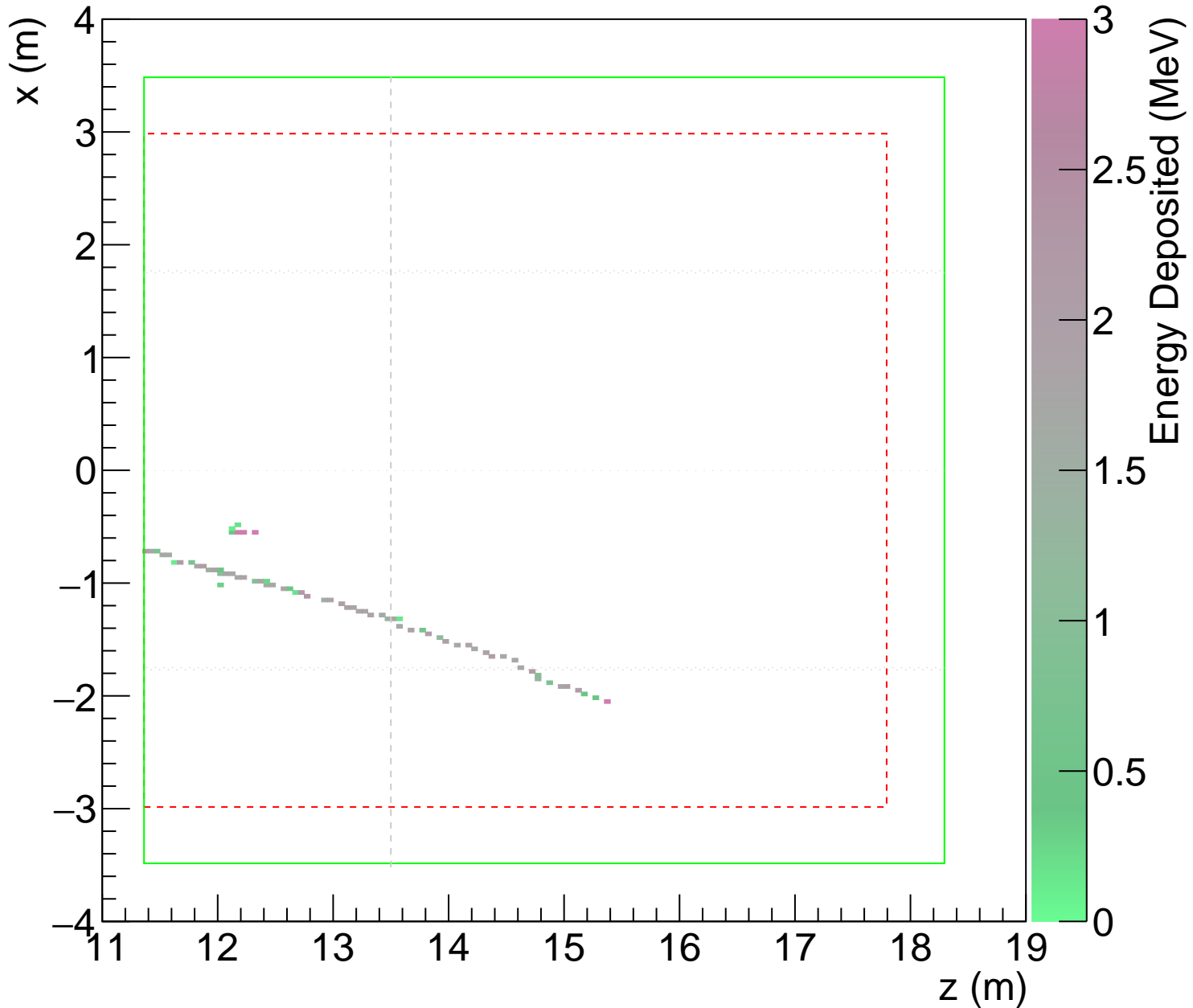


# Event 448 reconstructed

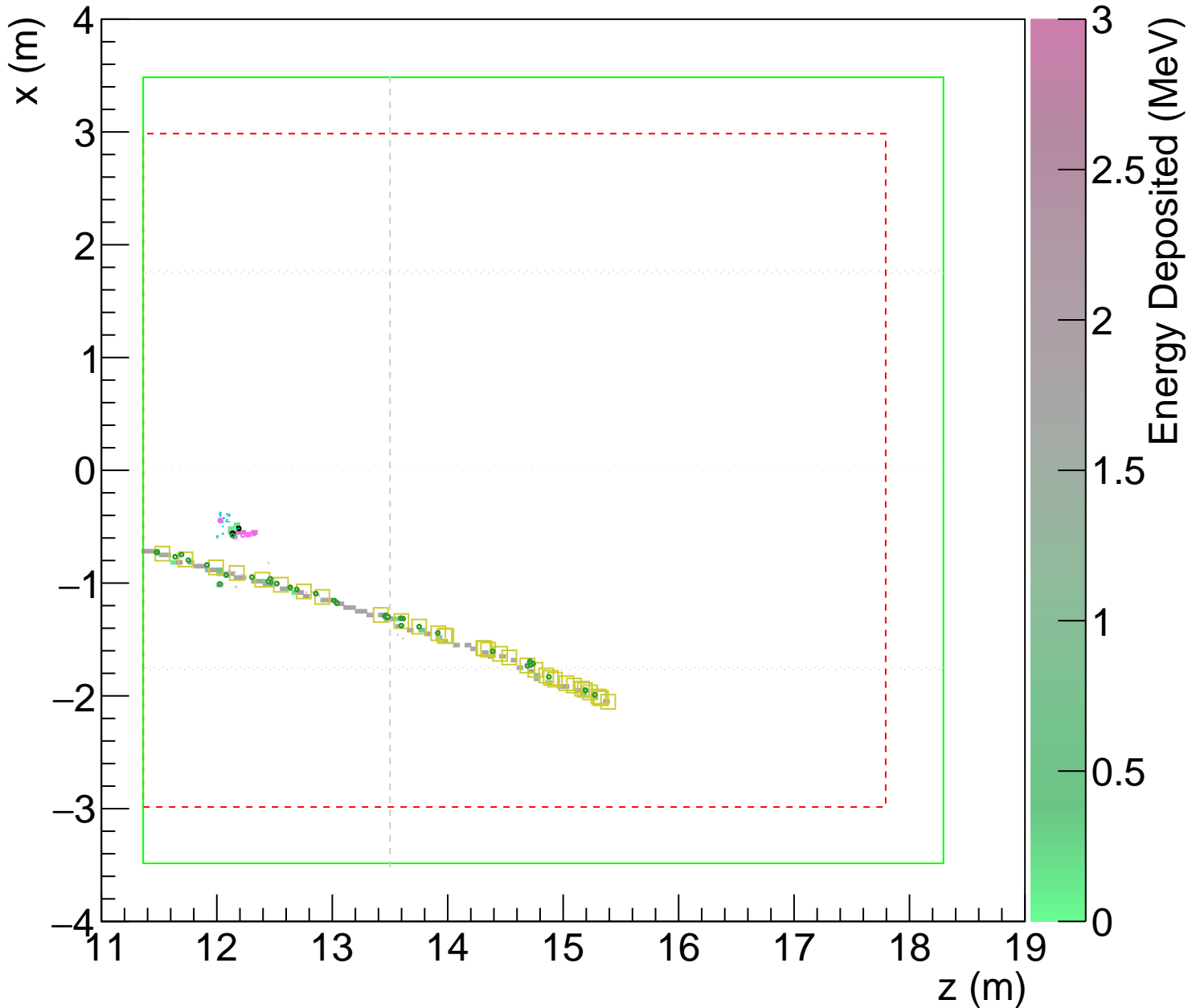
nLines: 2, nClusters: 1



Event 450, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.33$  GeV,  $E_{\mu}^{\text{true}}=3.16$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

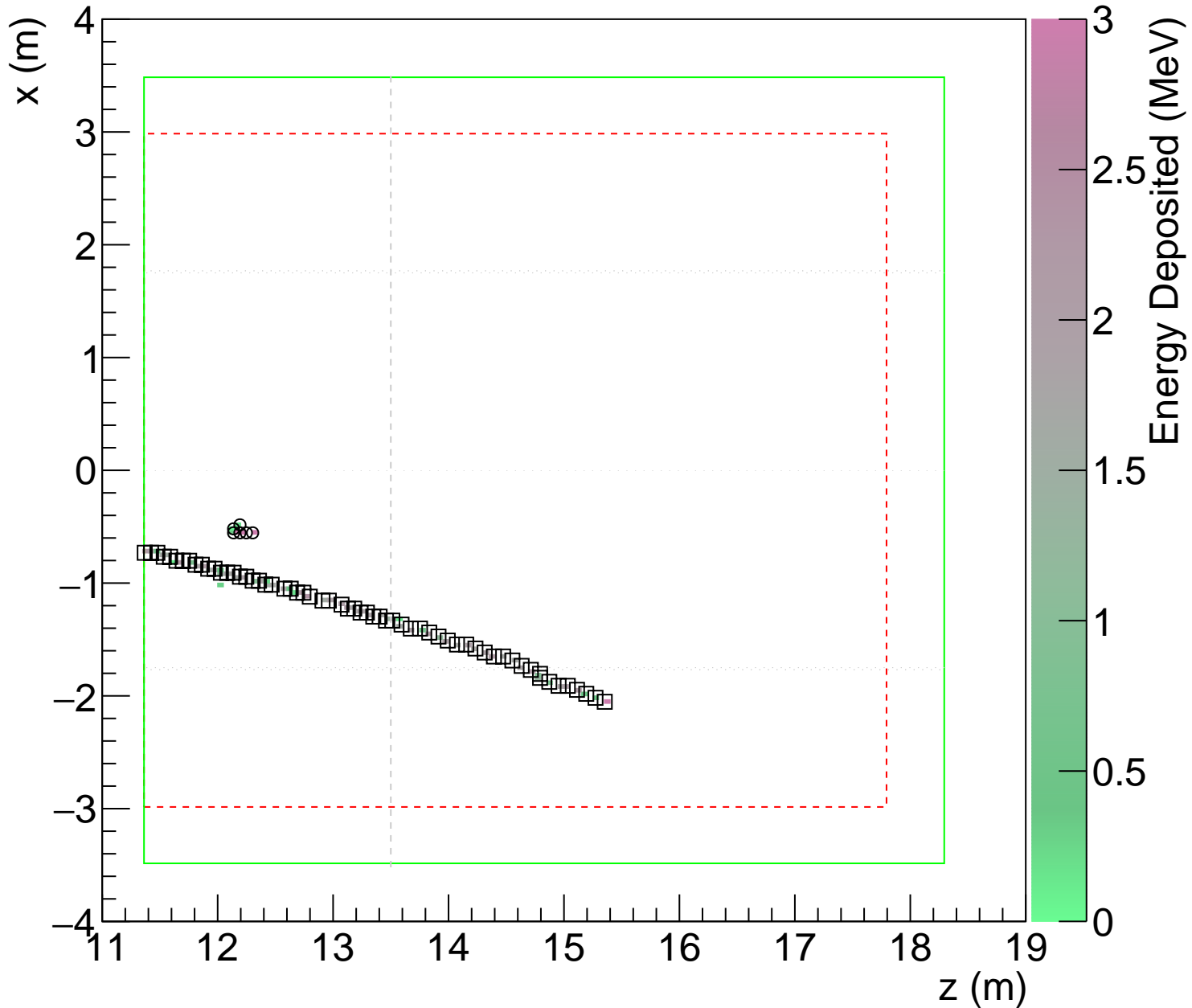


Event 450, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=5.33$  GeV,  $E_{\mu}^{\text{true}}=3.16$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,

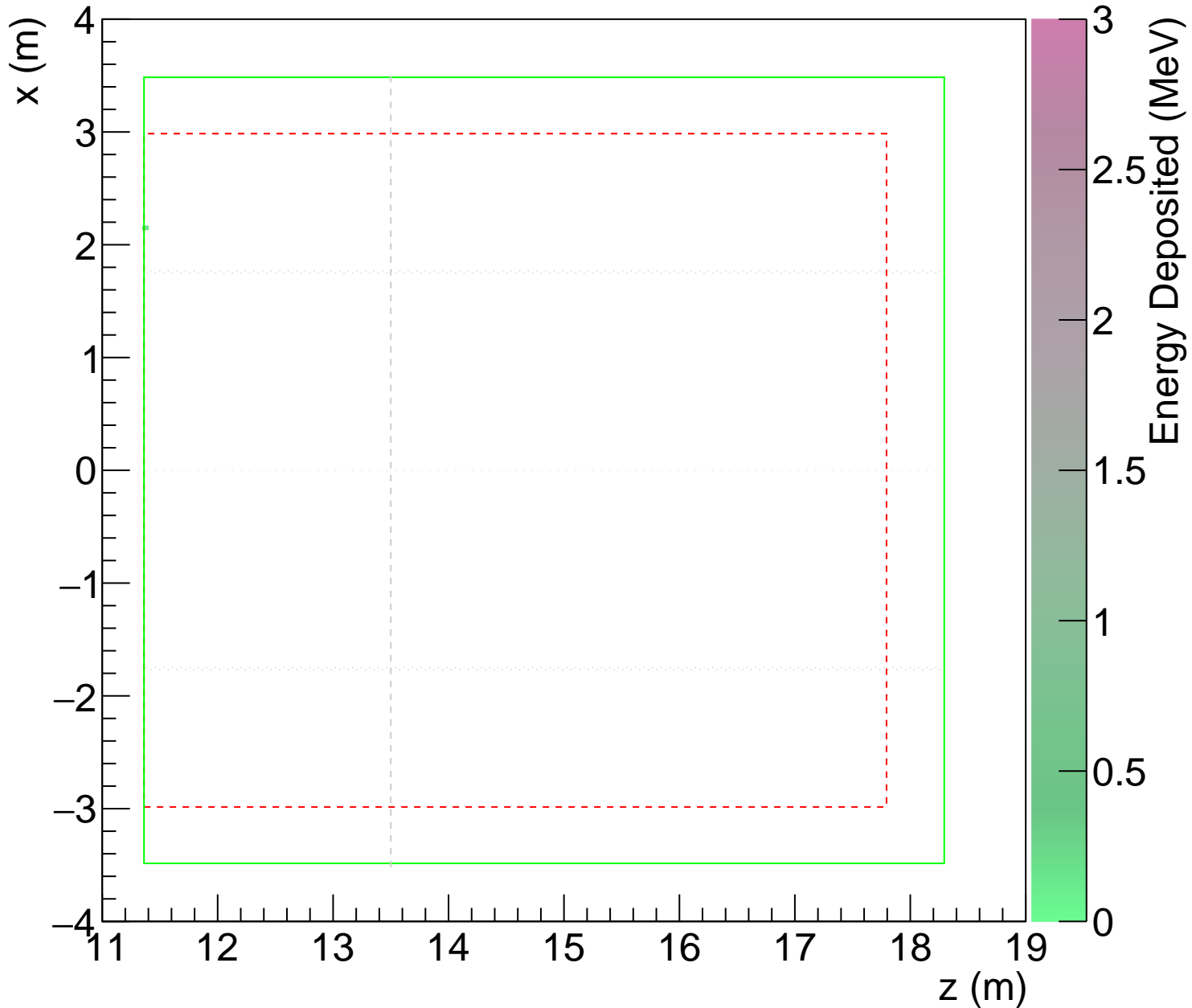


# Event 450 reconstructed

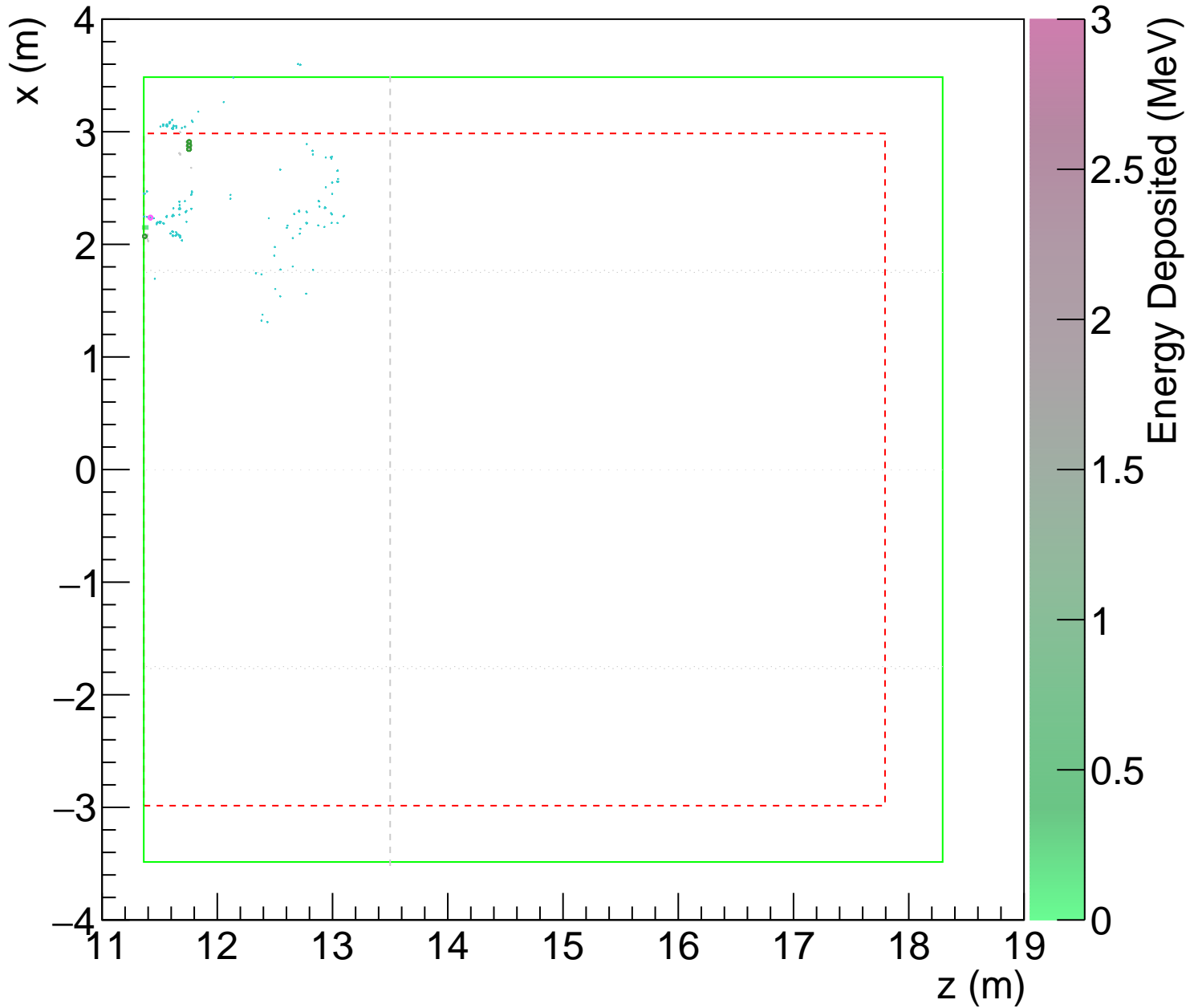
nLines: 1, nClusters: 1



Event 454, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.85$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



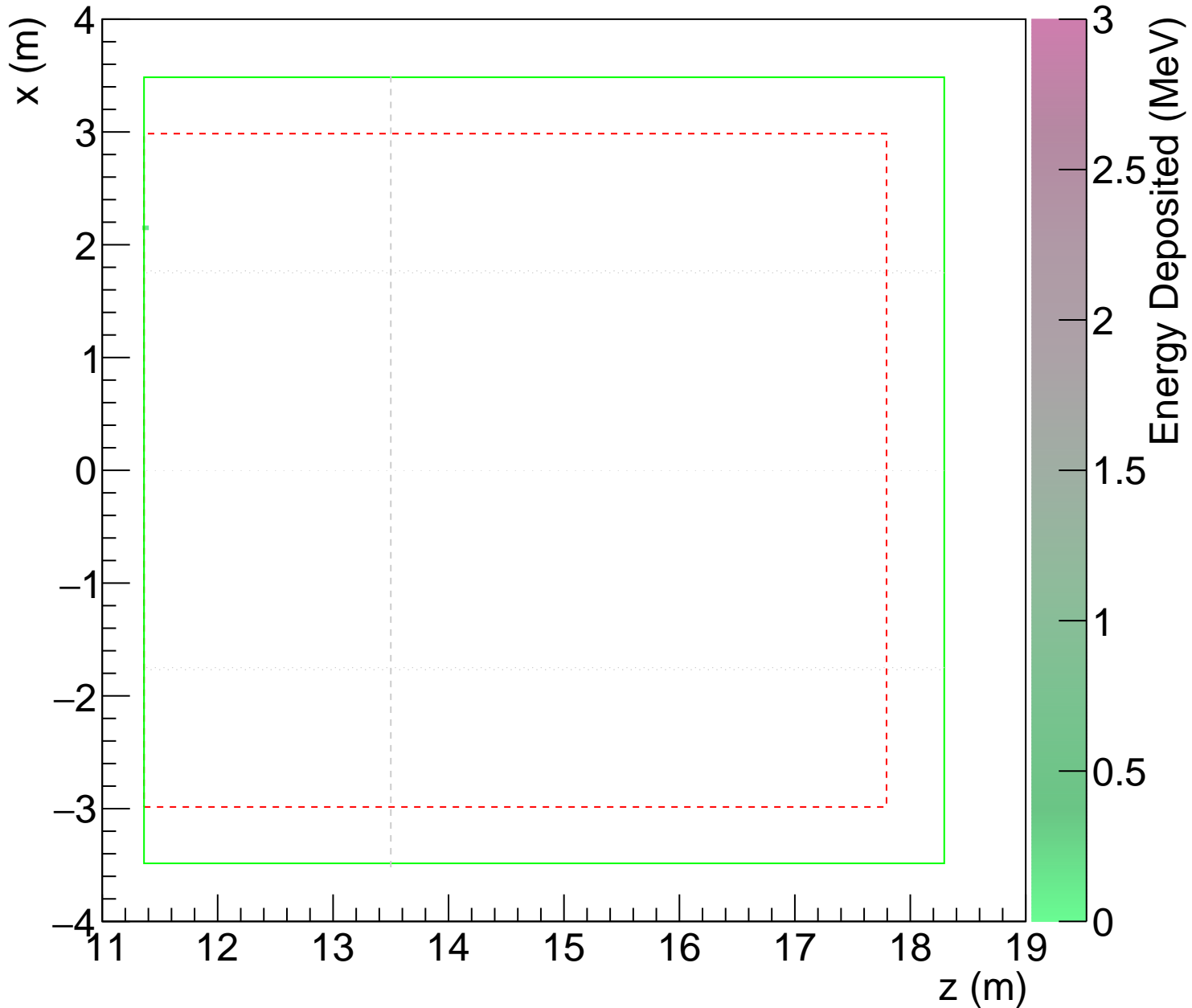
Event 454, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.85$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2212,q:1( $\nu$ ),proc:Weak[CC],DIS,



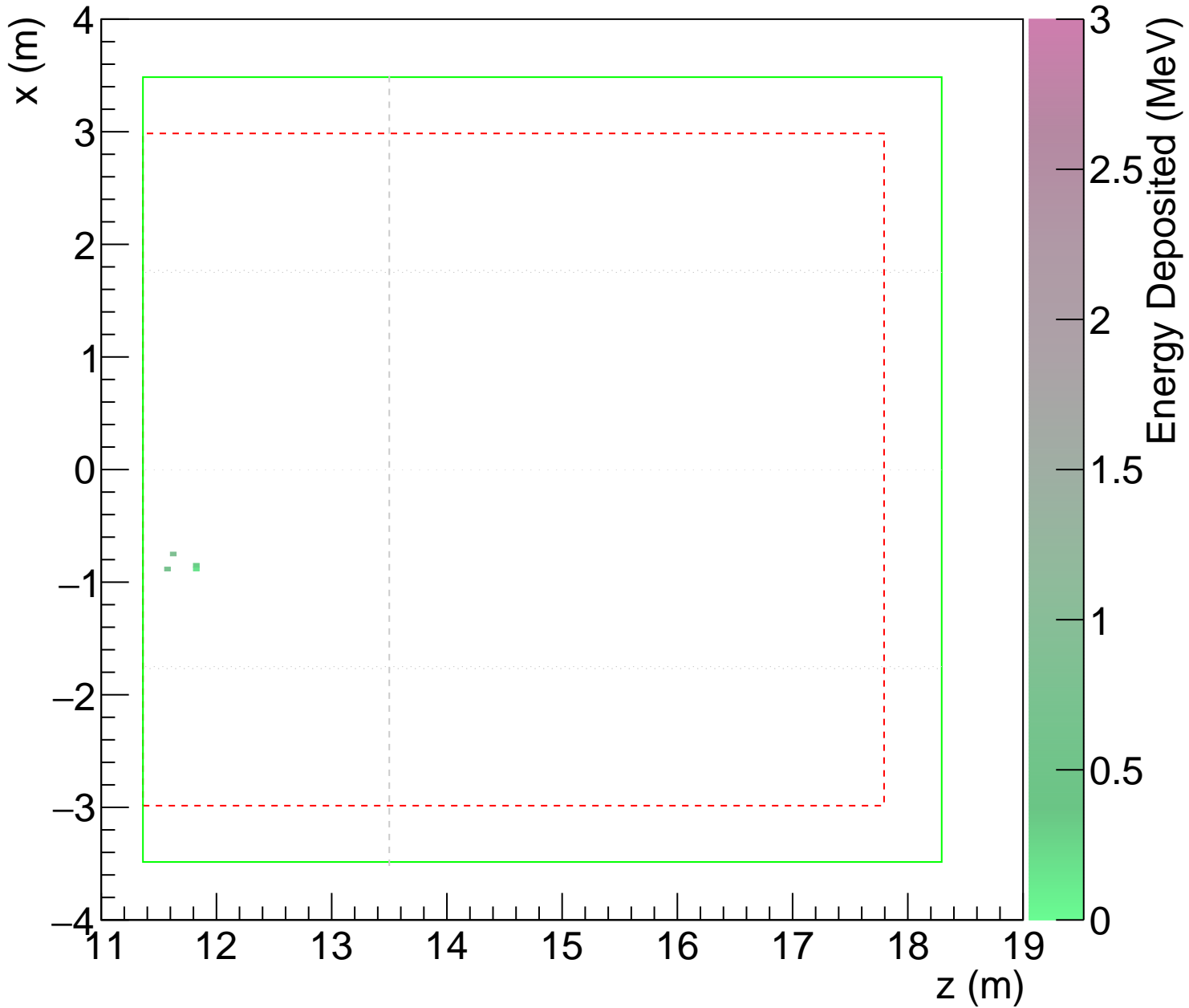


# Event 454 reconstructed

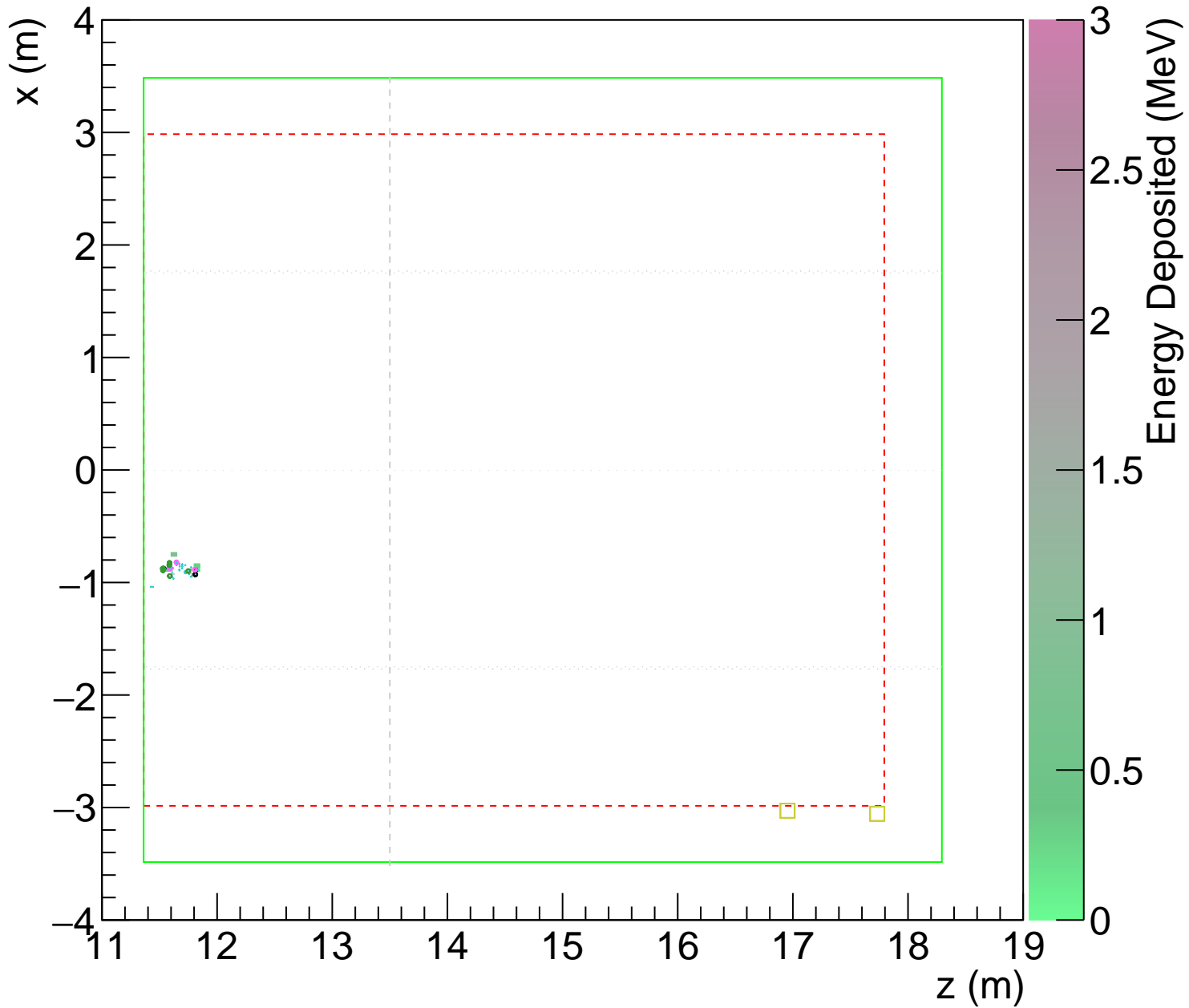
nLines: 0, nClusters: 0



Event 456, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.31$  GeV,  $E_{\mu}^{\text{true}}=1.85$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

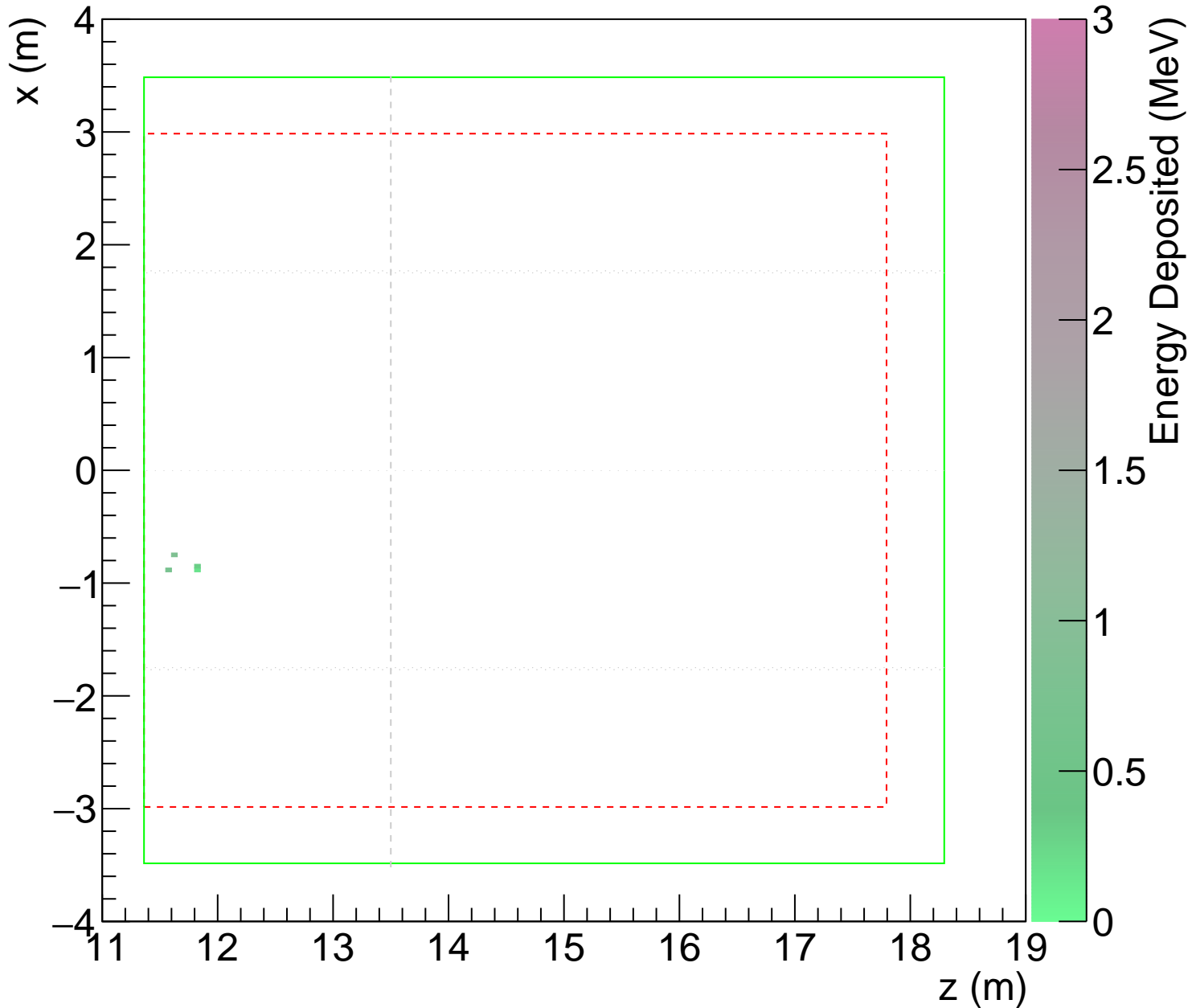


Event 456, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.31$  GeV,  $E_{\mu}^{\text{true}}=1.85$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

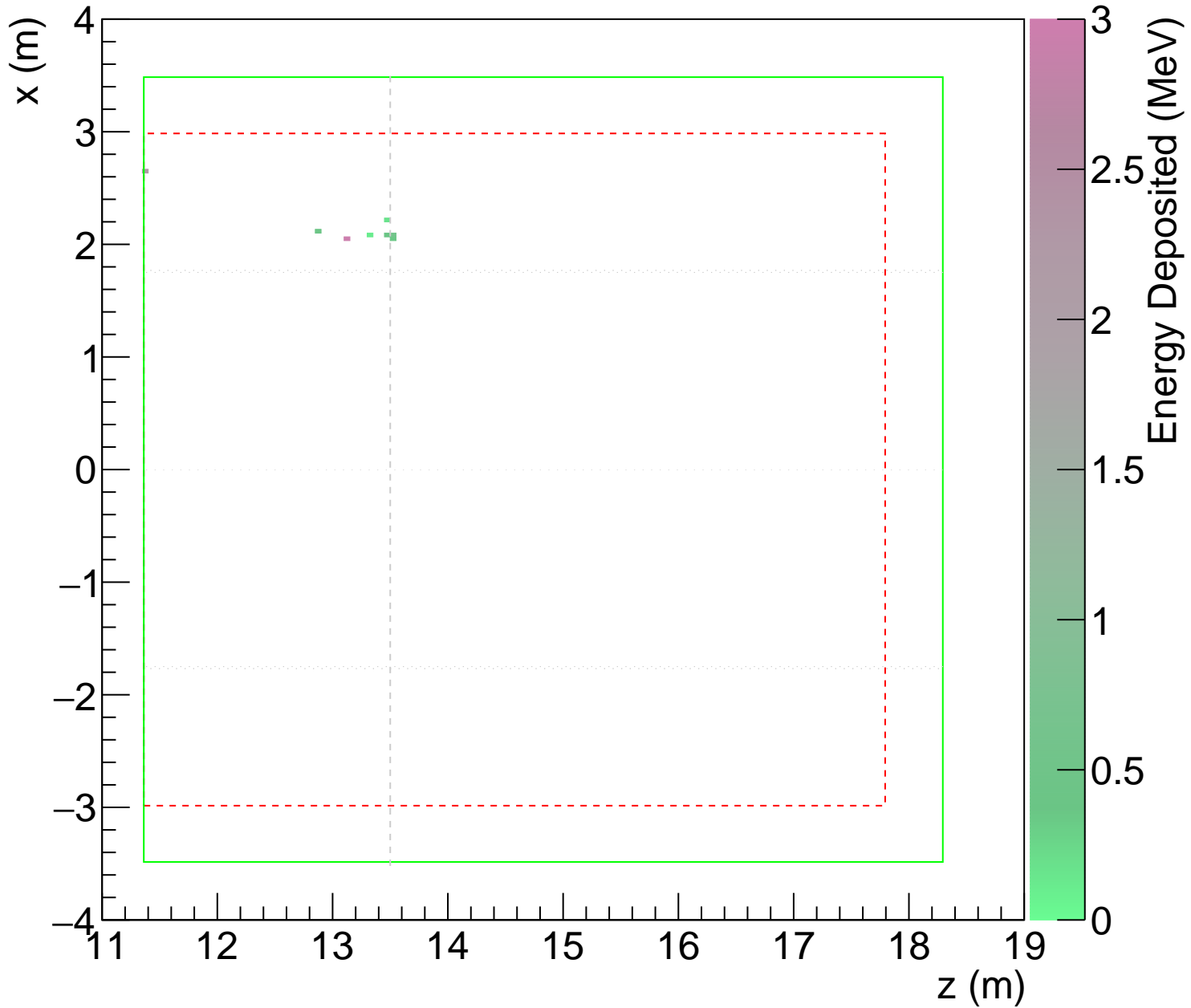


# Event 456 reconstructed

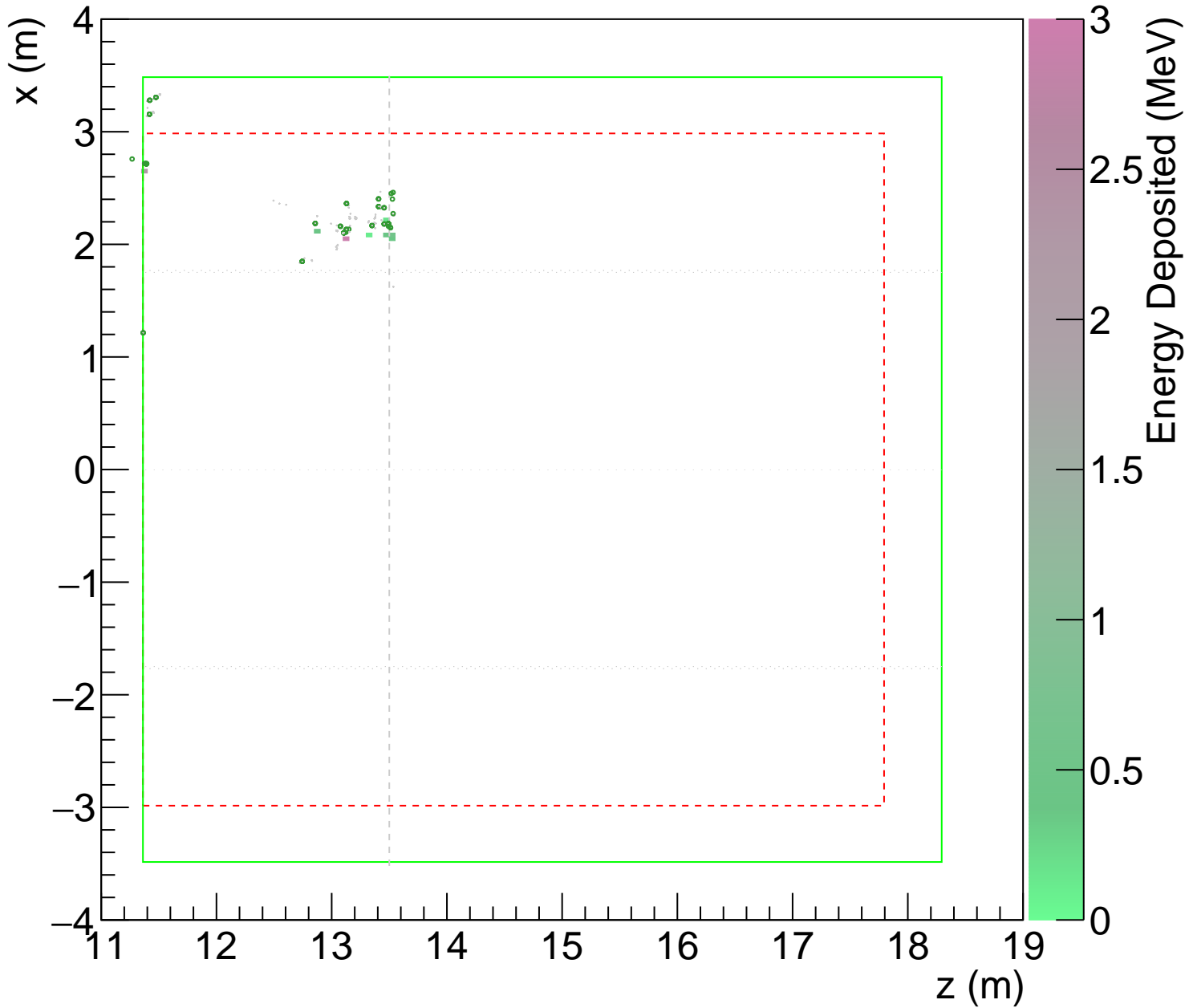
nLines: 0, nClusters: 0



Event 457, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.98$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000260560,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

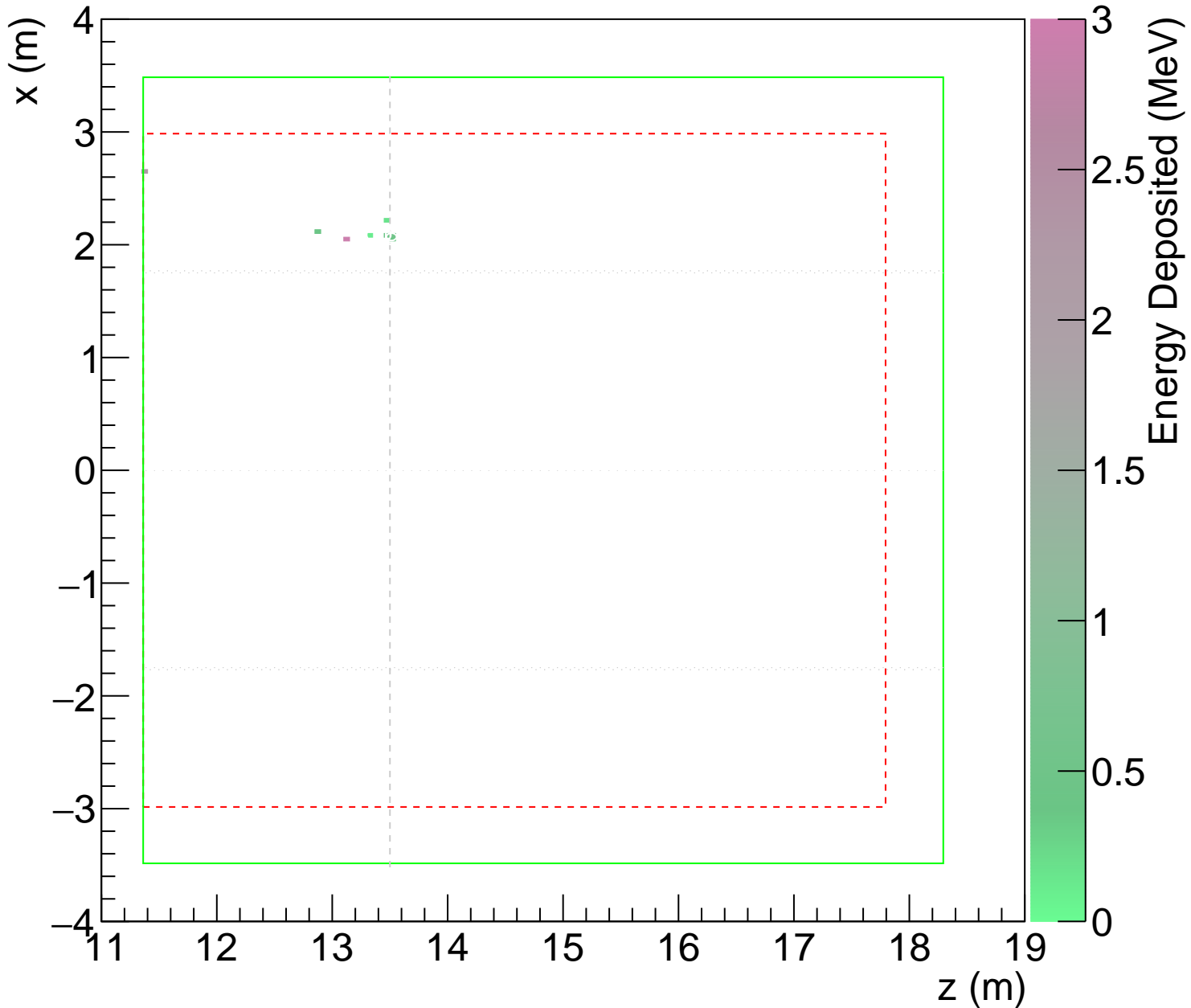


Event 457, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.98$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000260560,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

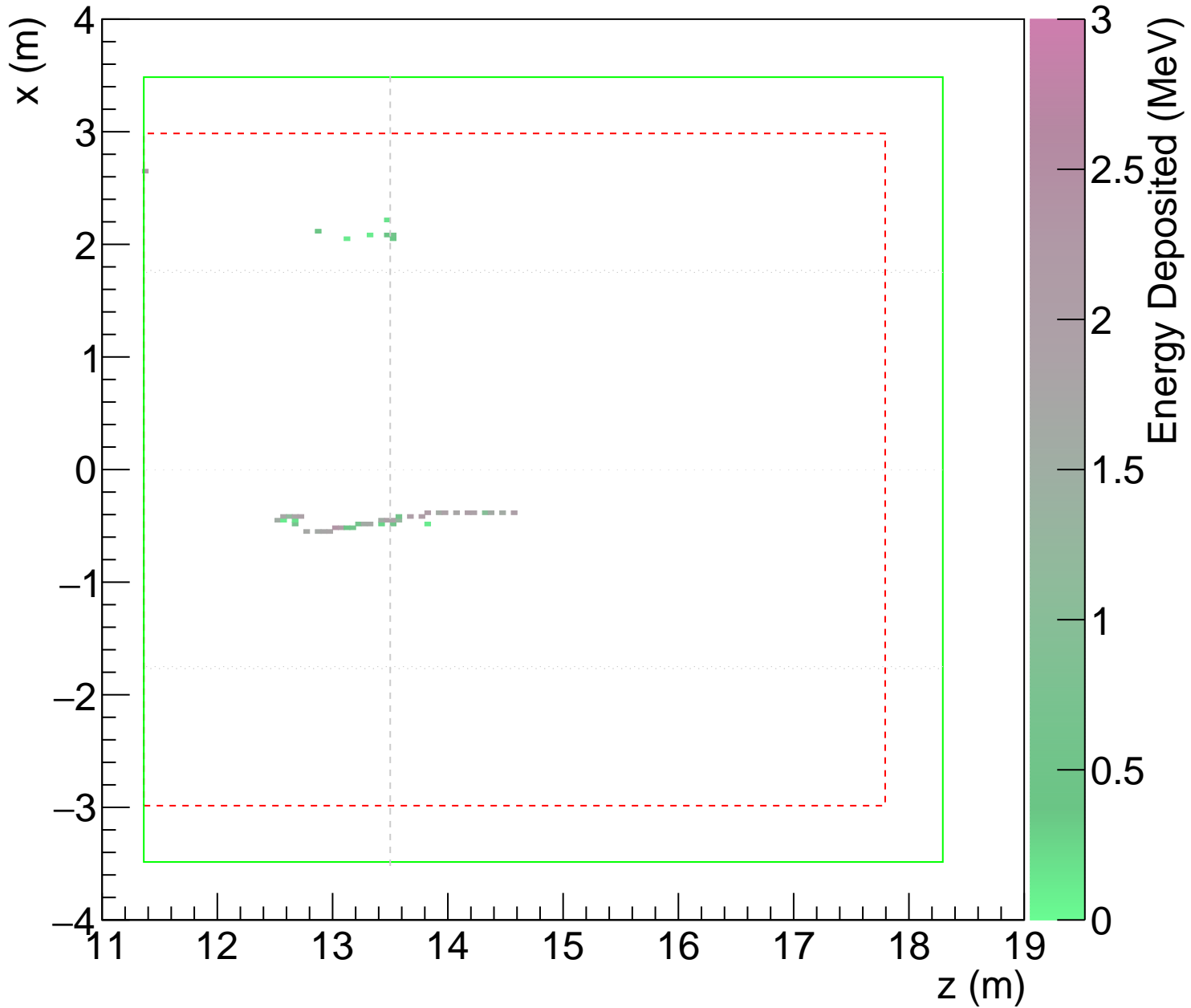


# Event 457 reconstructed

nLines: 0, nClusters: 1

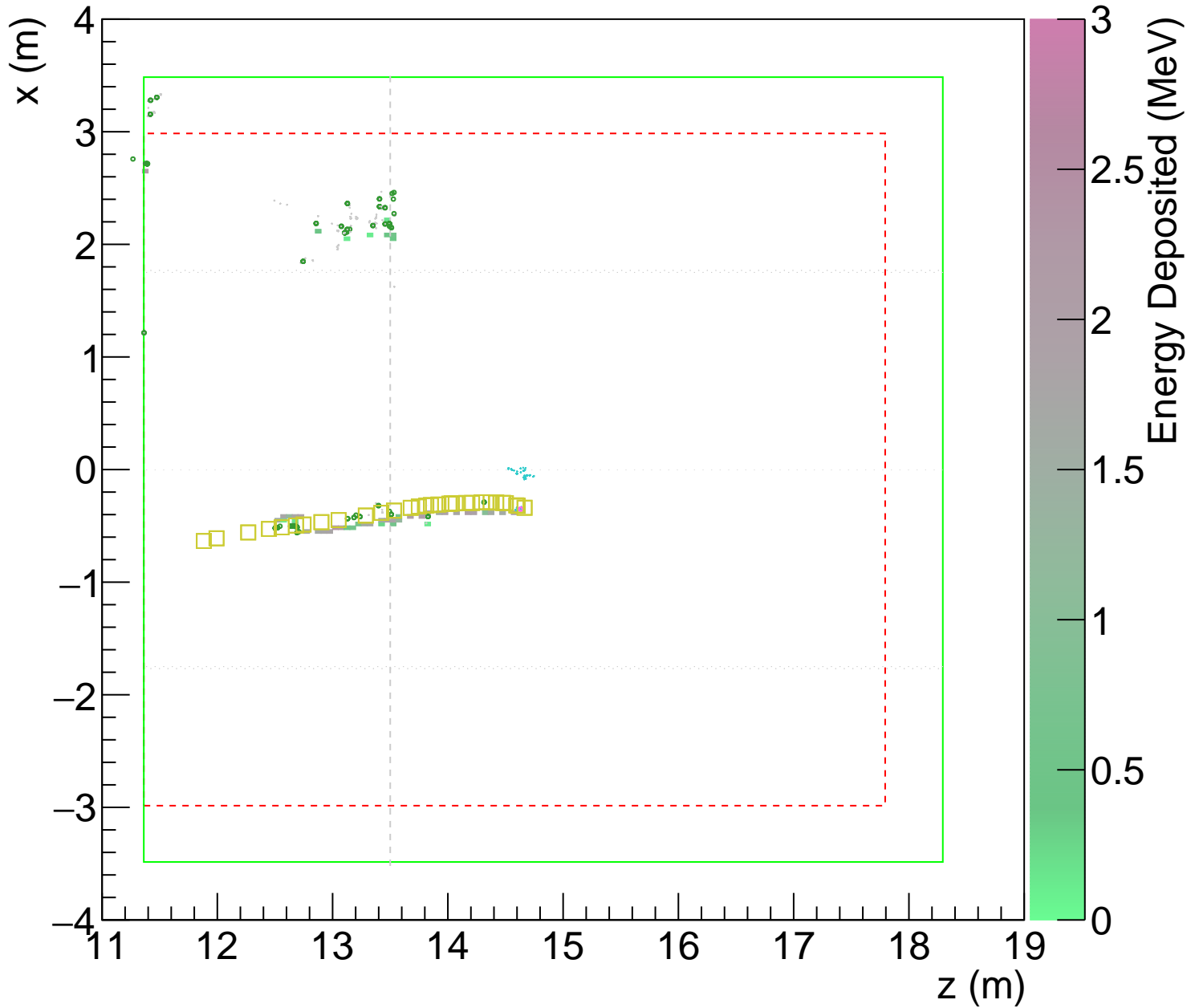


Event 458, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.74$  GeV,  $E_{\mu}^{\text{true}}=2.37$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



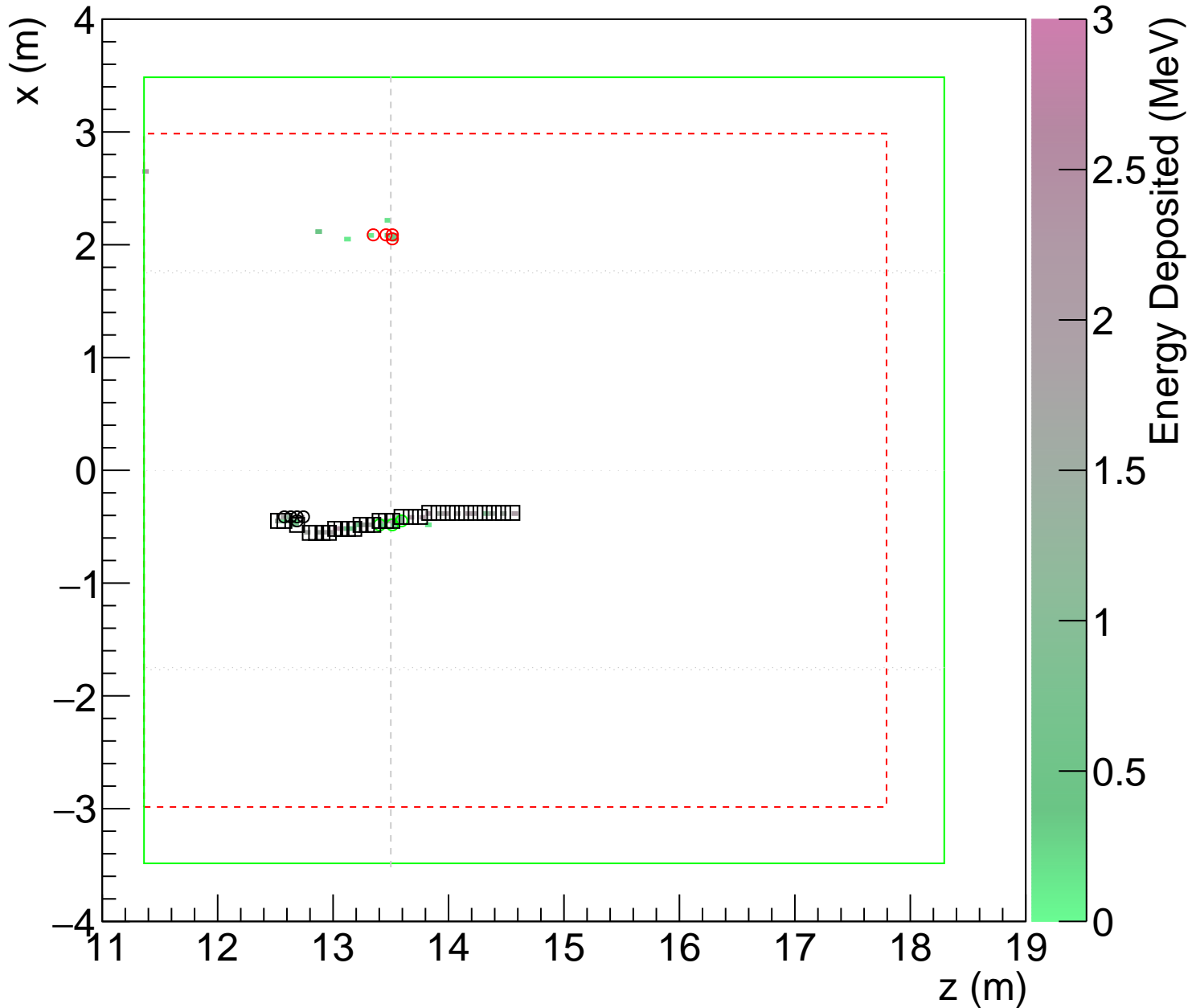


Event 458, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.74$  GeV,  $E_{\mu}^{\text{true}}=2.37$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

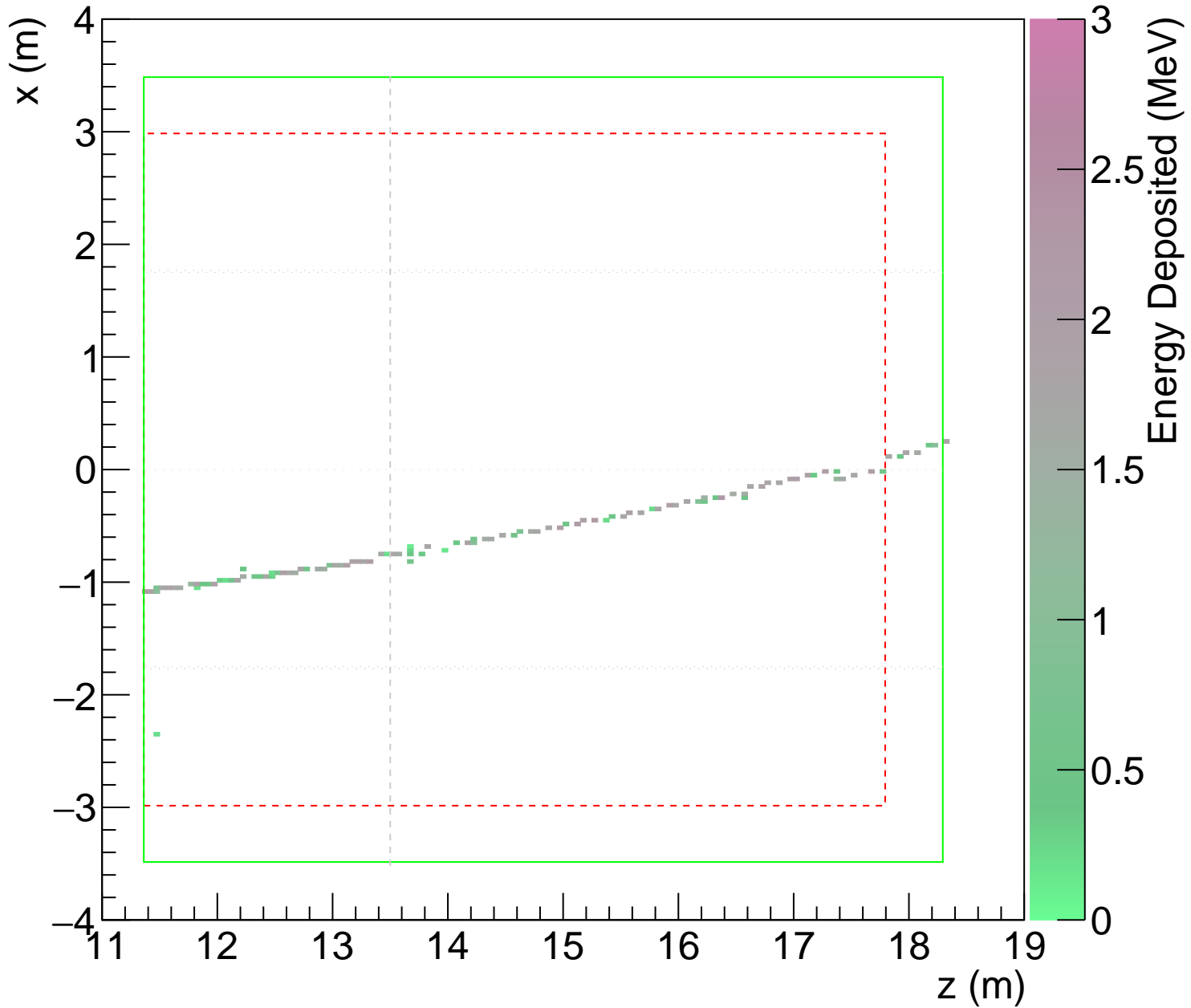


# Event 458 reconstructed

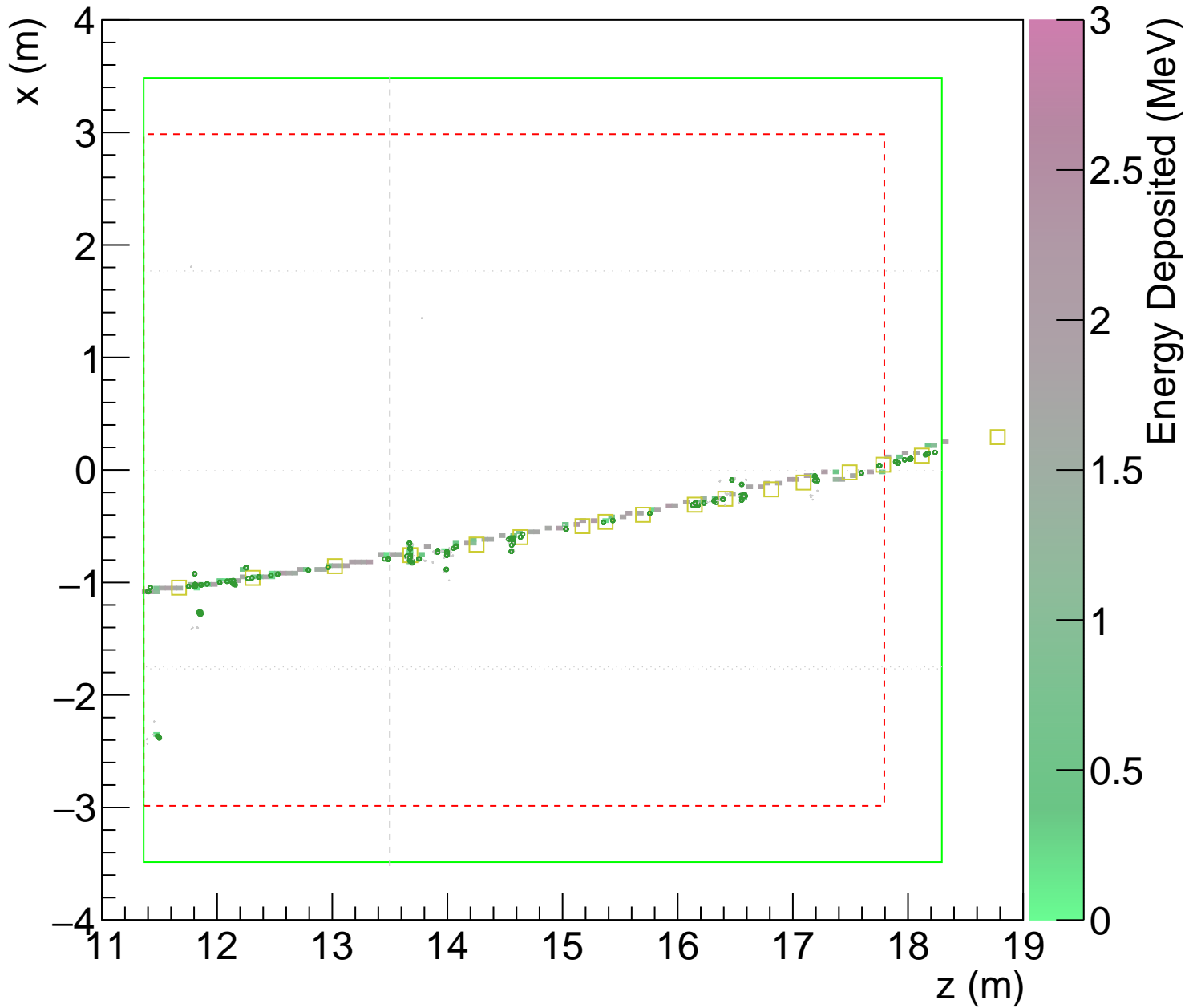
nLines: 1, nClusters: 3



Event 460, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=21.73$  GeV,  $E_{\mu}^{\text{true}}=14.24$  GeV  
nu:-14,tgt:1000180400,N:2212,q:2(v),proc:Weak[CC],DIS,

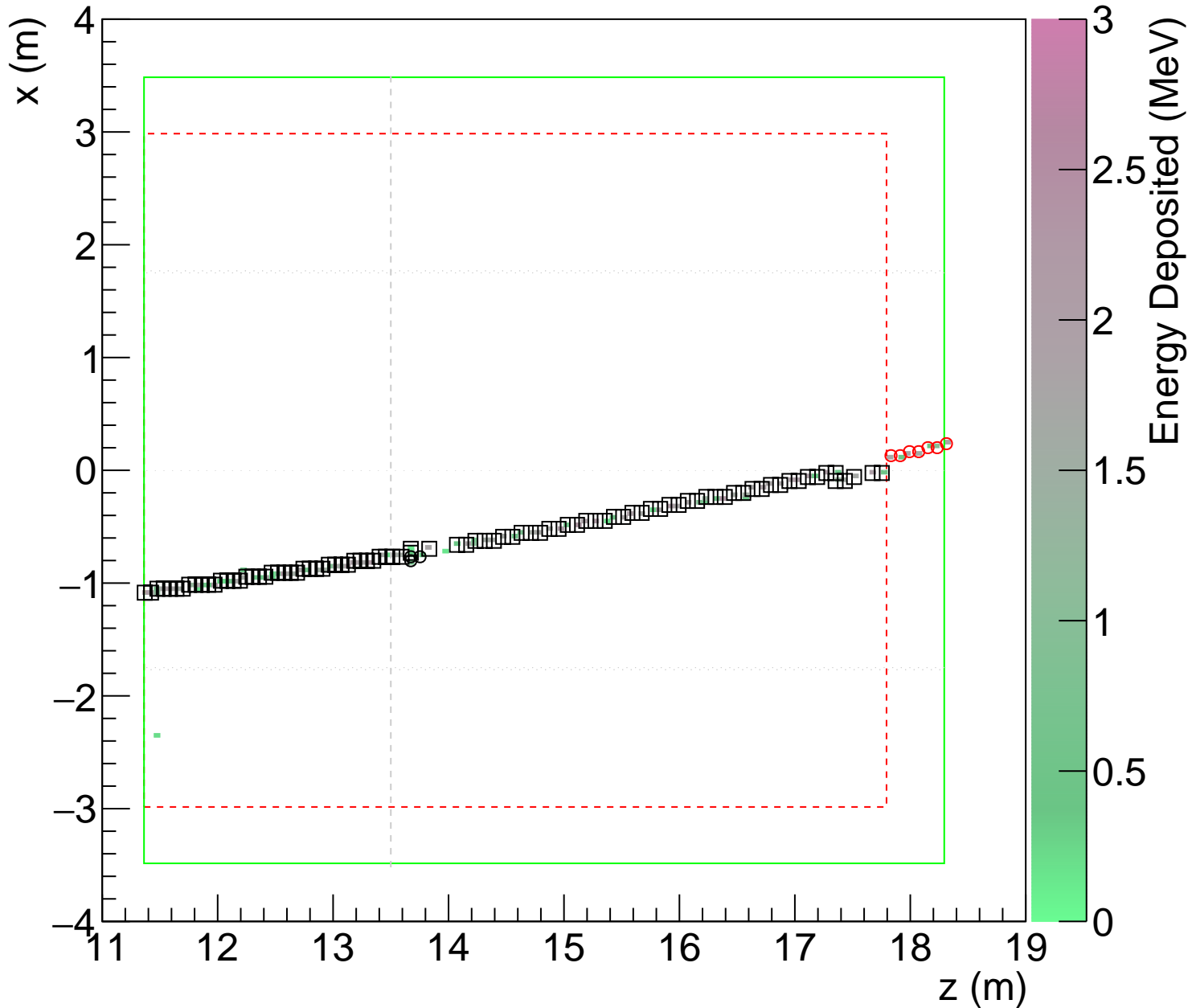


Event 460, all reco hits,  $\nu^{\text{true}}$  PDG: -14,  $E_{\nu}^{\text{true}}=21.73$  GeV,  $E_{\mu}^{\text{true}}=14.24$  GeV  
nu:-14,tgt:1000180400,N:2212,q:2(v),proc:Weak[CC],DIS,

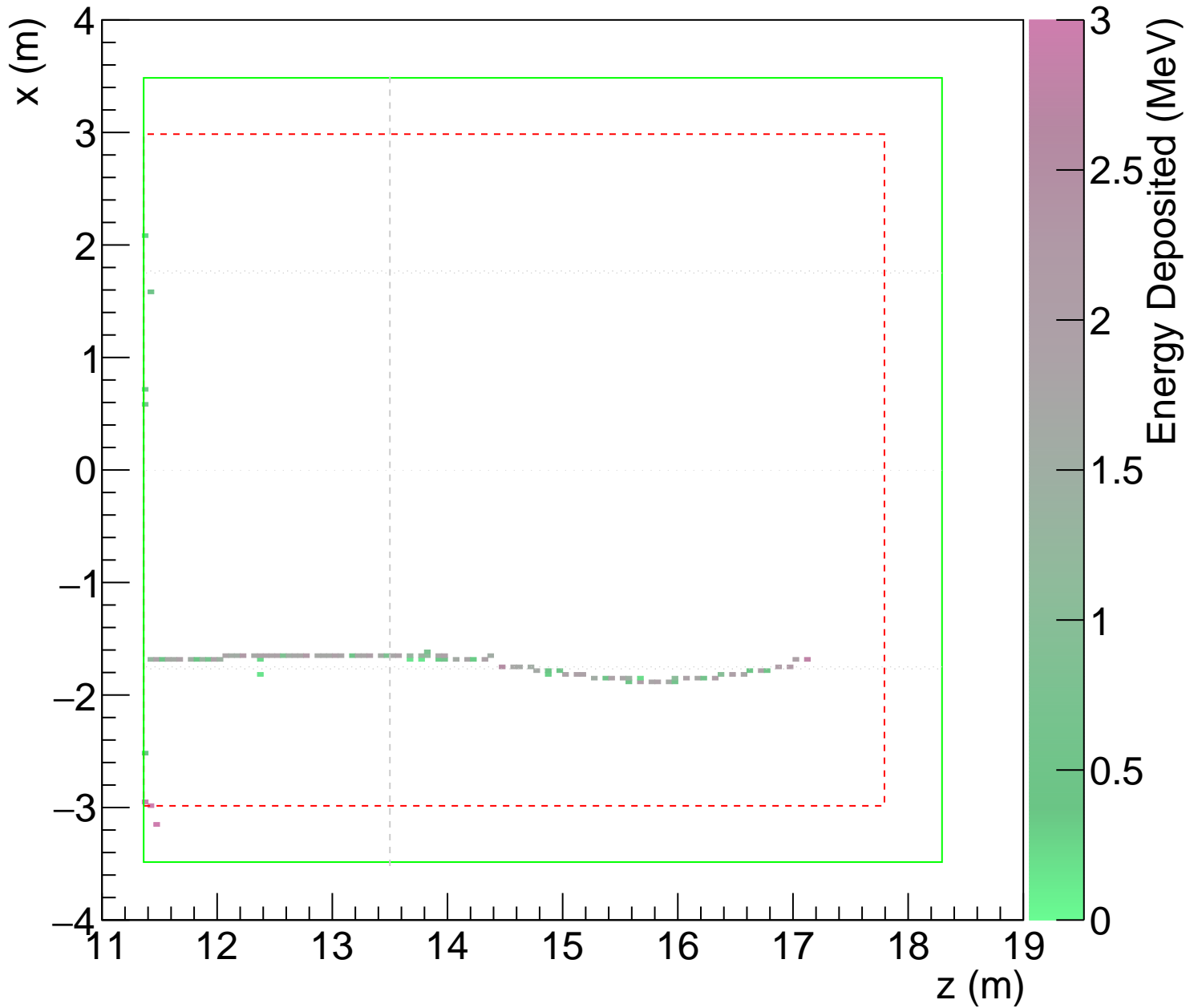


# Event 460 reconstructed

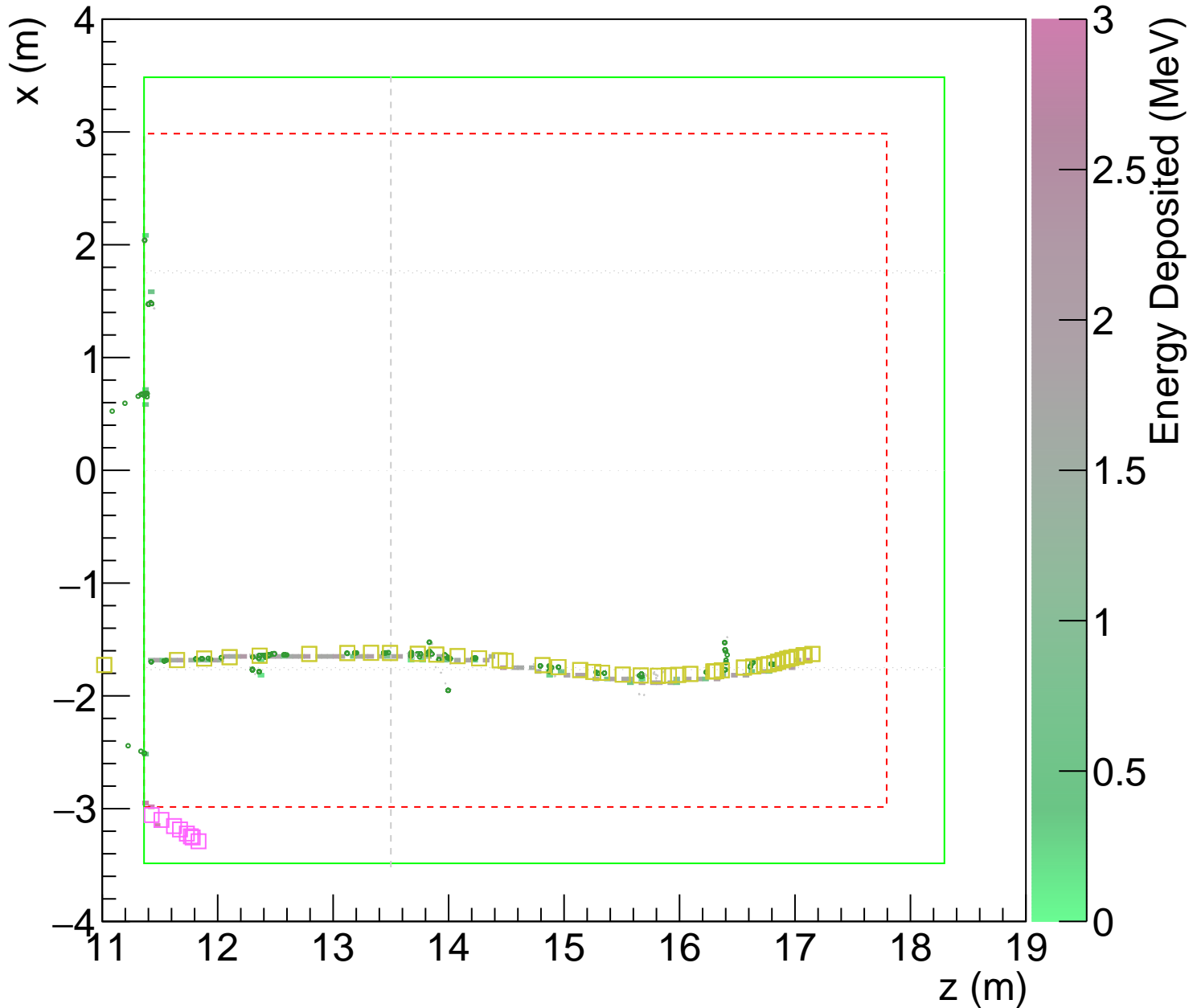
nLines: 1, nClusters: 2



Event 461, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.41$  GeV,  $E_{\mu}^{\text{true}}=3.34$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

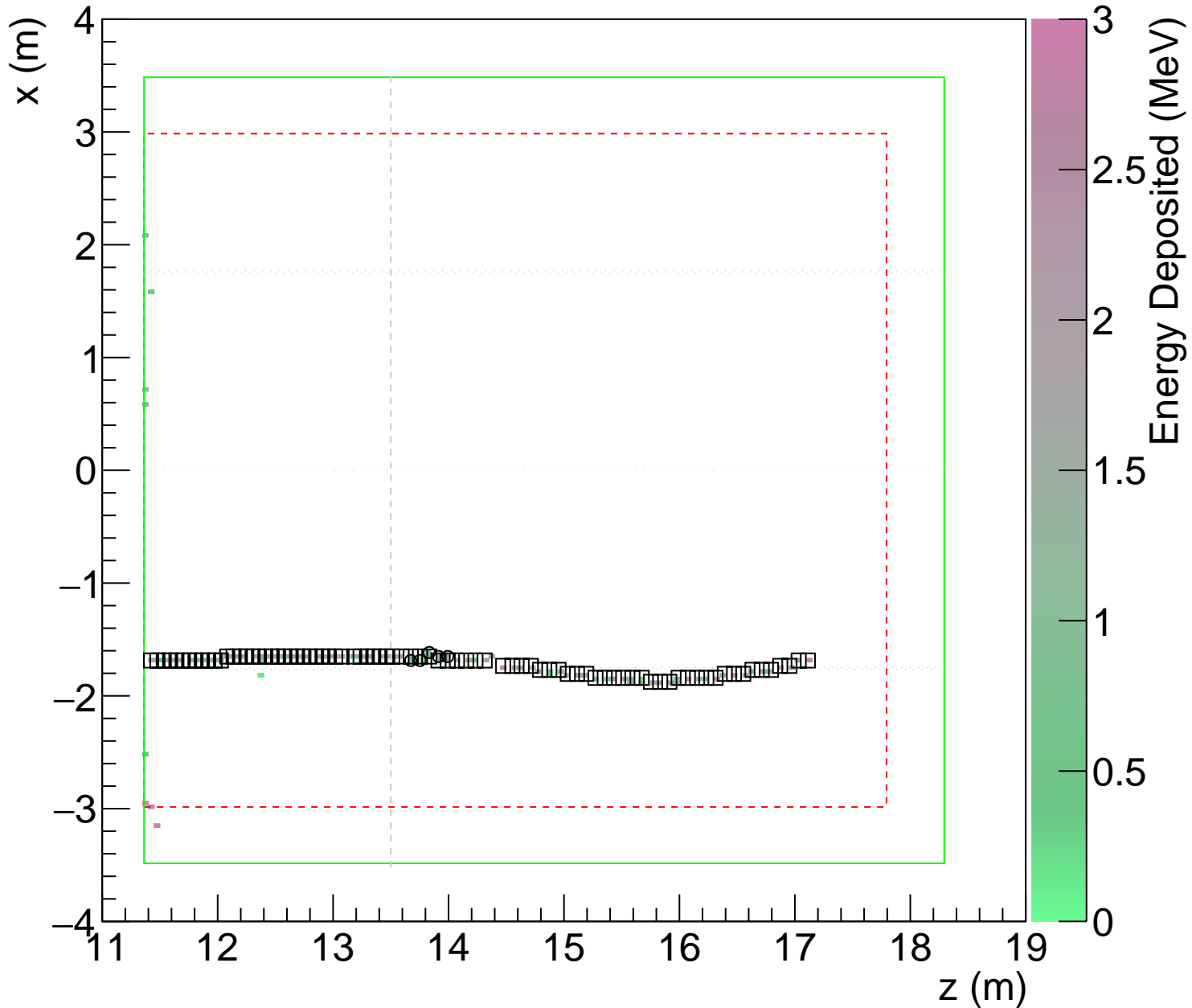


Event 461, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=4.41$  GeV,  $E_{\mu}^{\text{true}}=3.34$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,



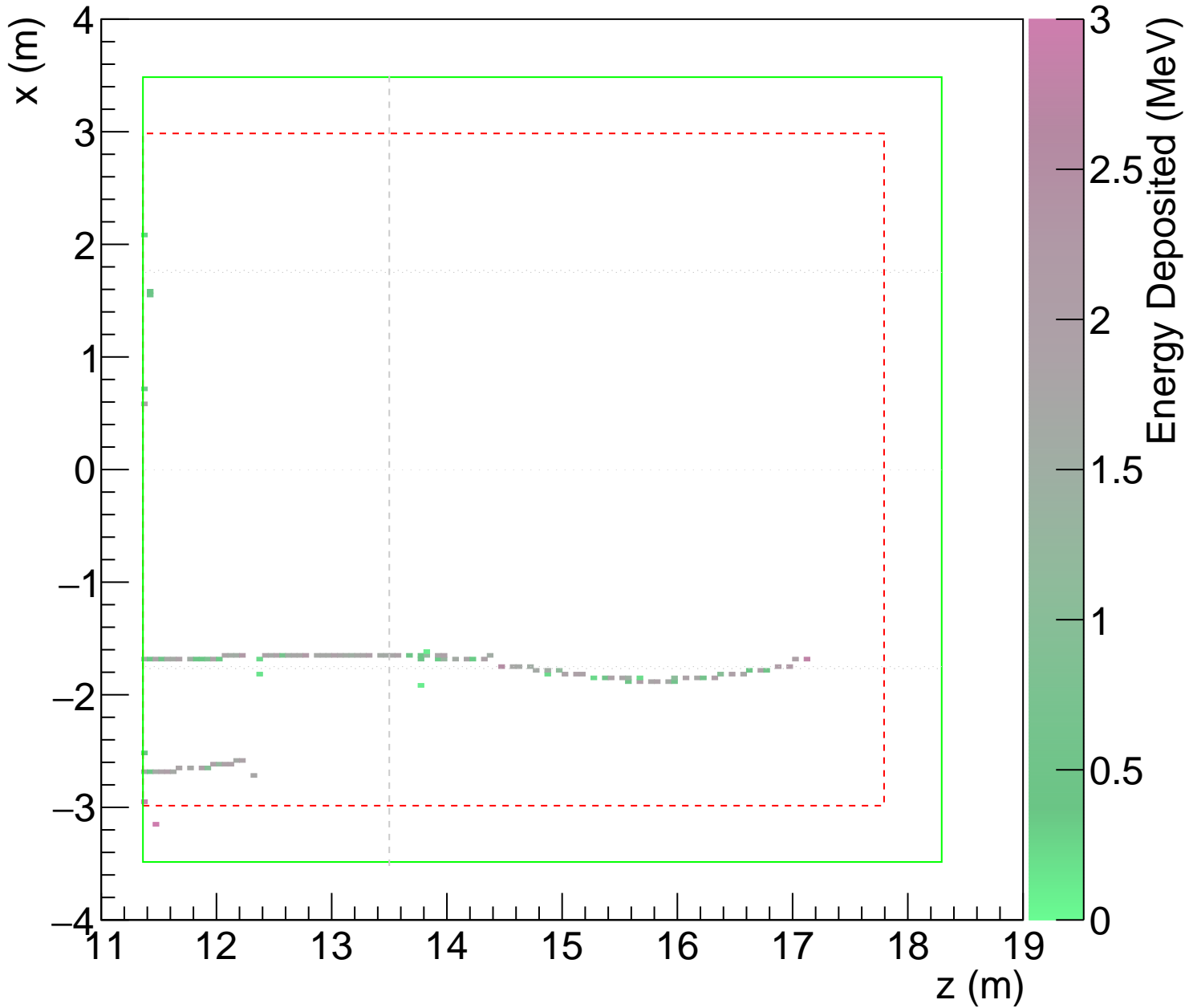
# Event 461 reconstructed

nLines: 1, nClusters: 1

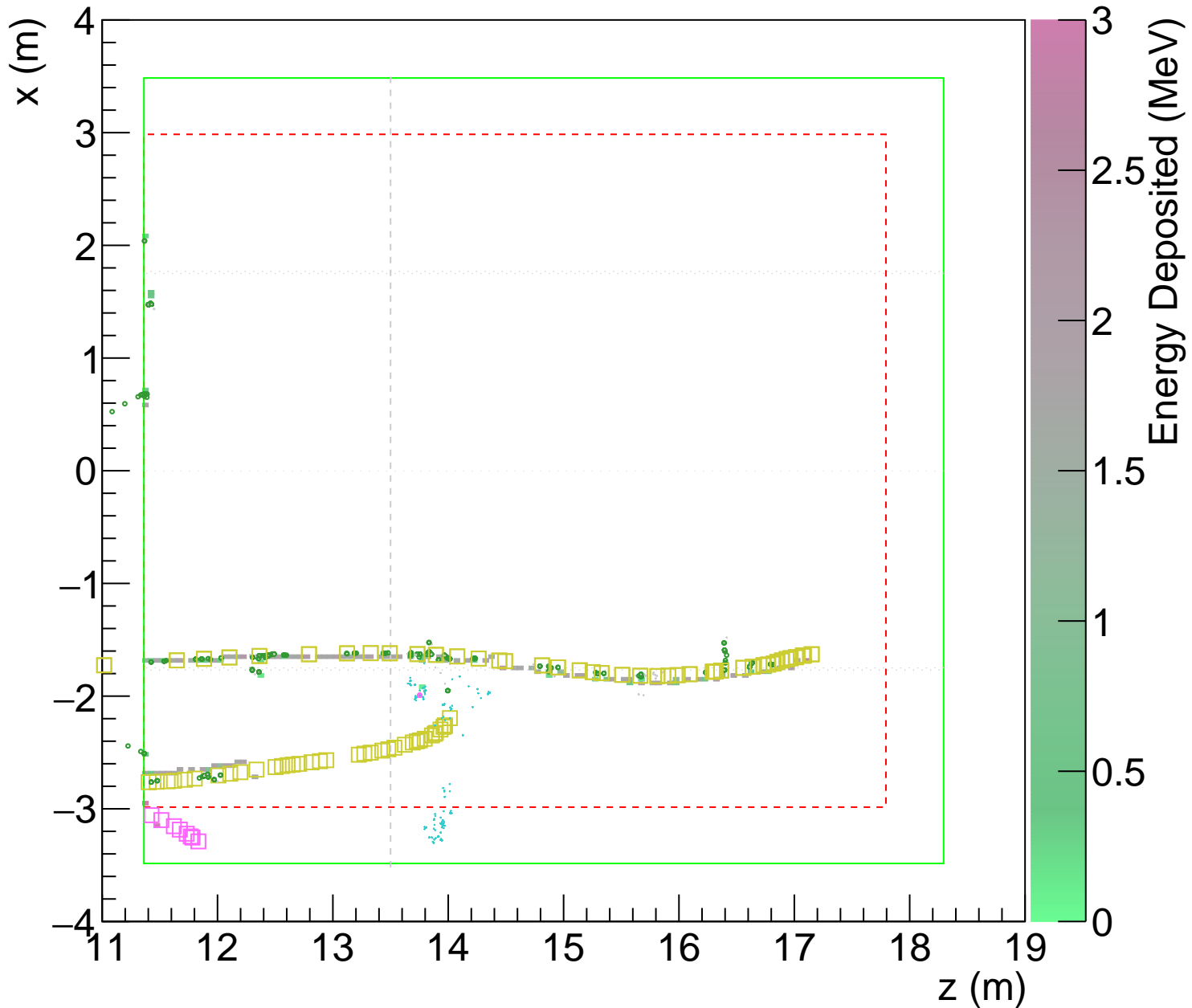




Event 462, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.71$  GeV,  $E_{\mu}^{\text{true}}=3.34$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

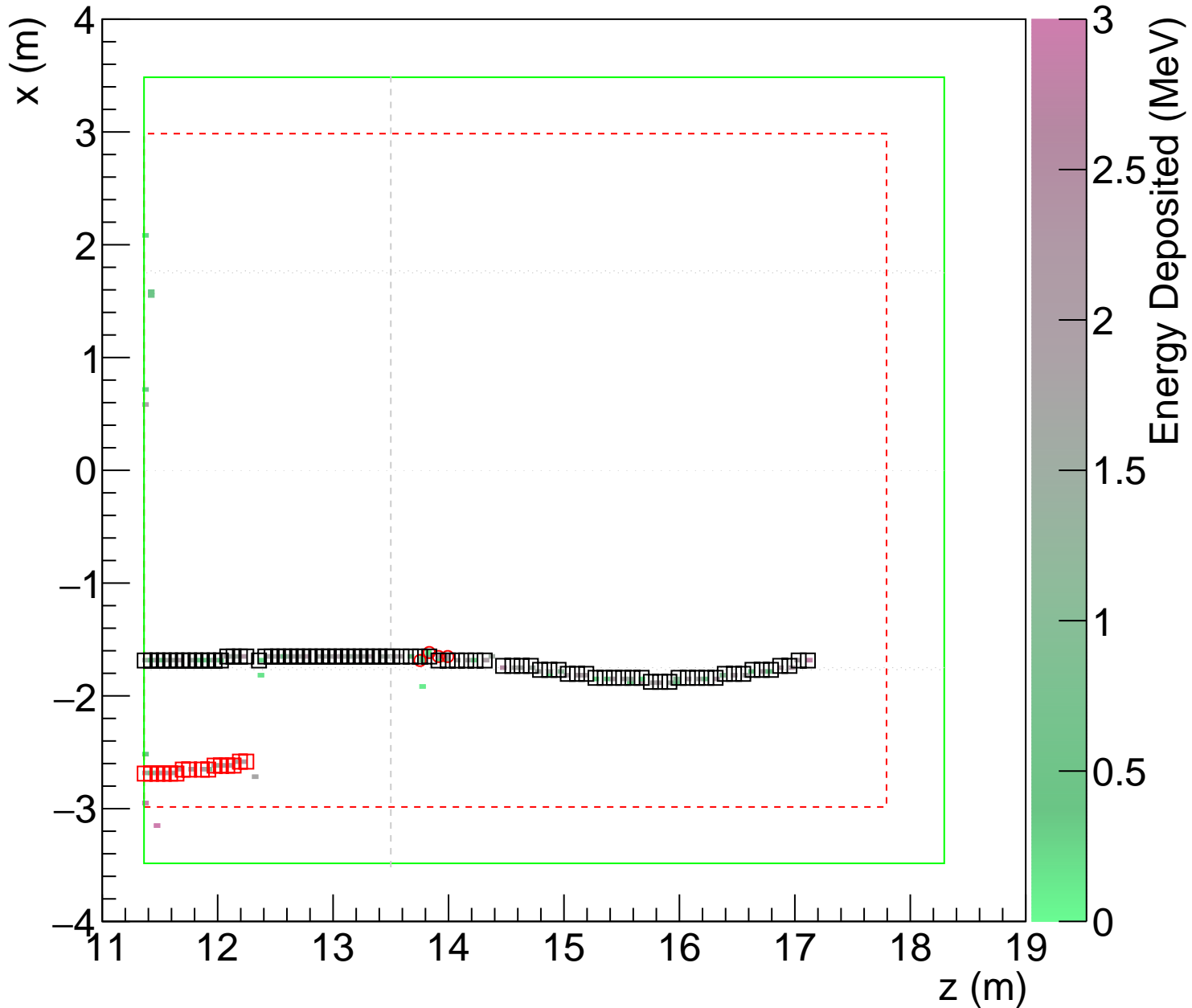


Event 462, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.71$  GeV,  $E_{\mu}^{\text{true}}=3.34$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

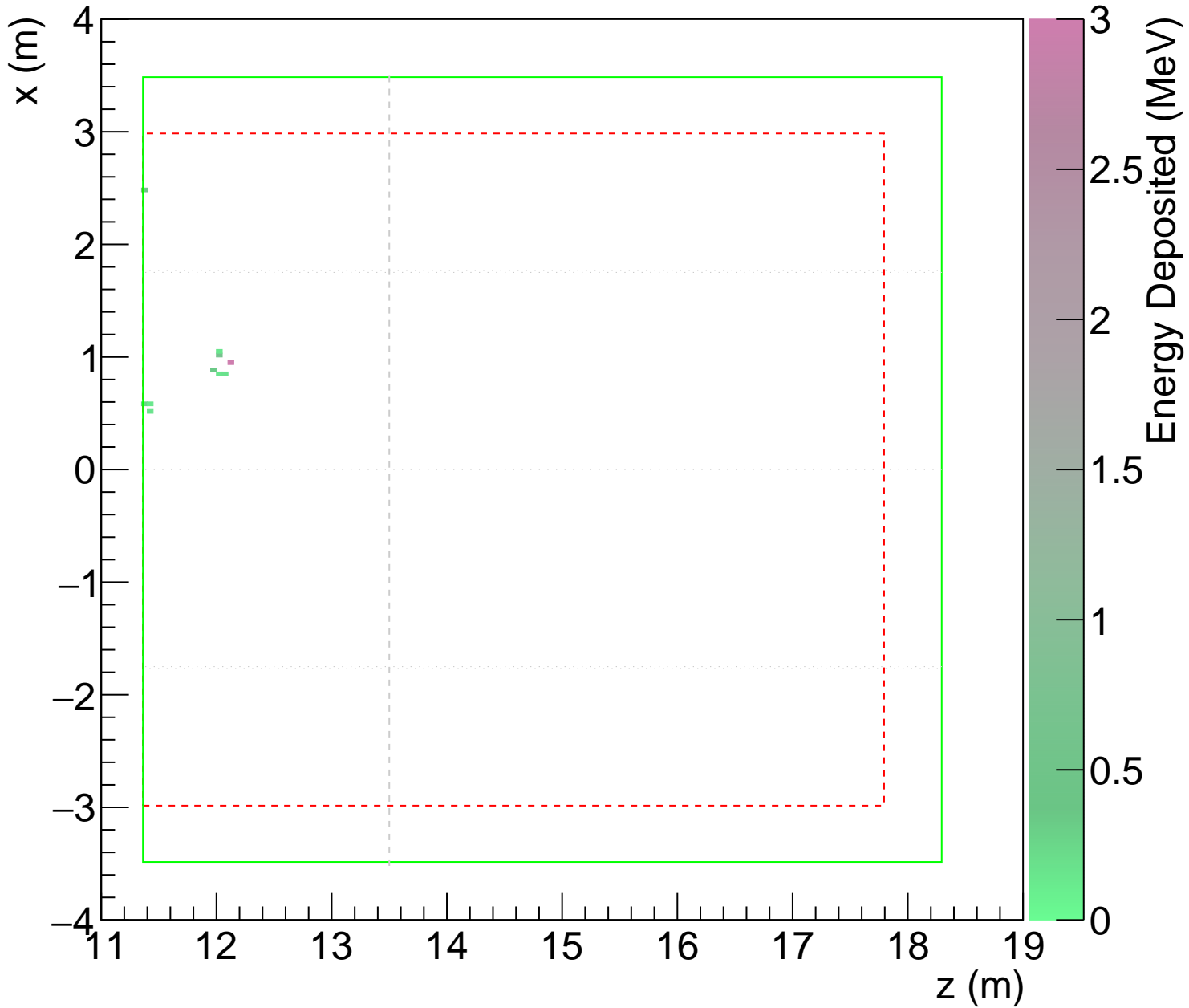


# Event 462 reconstructed

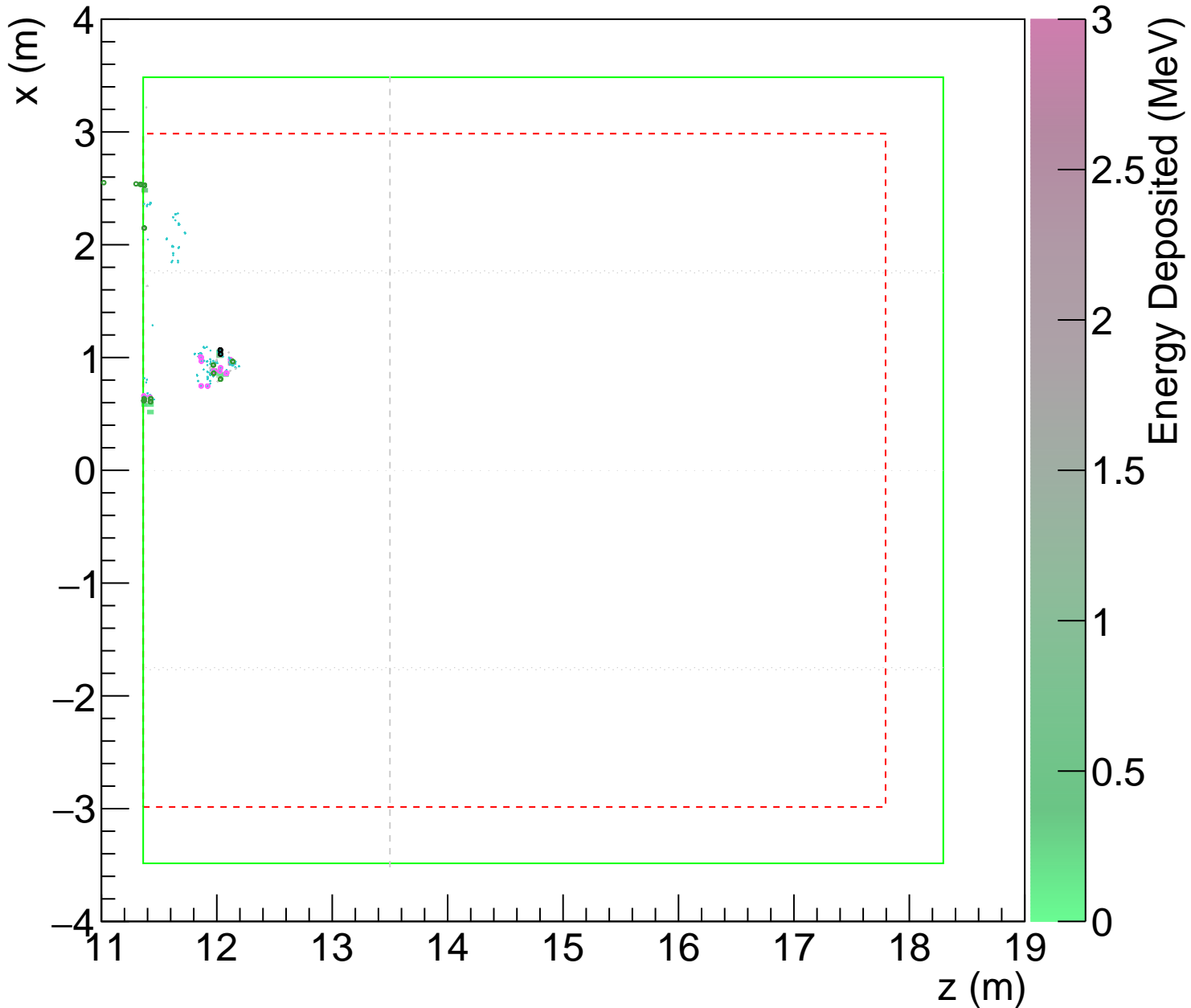
nLines: 2, nClusters: 1



Event 465, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.12$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

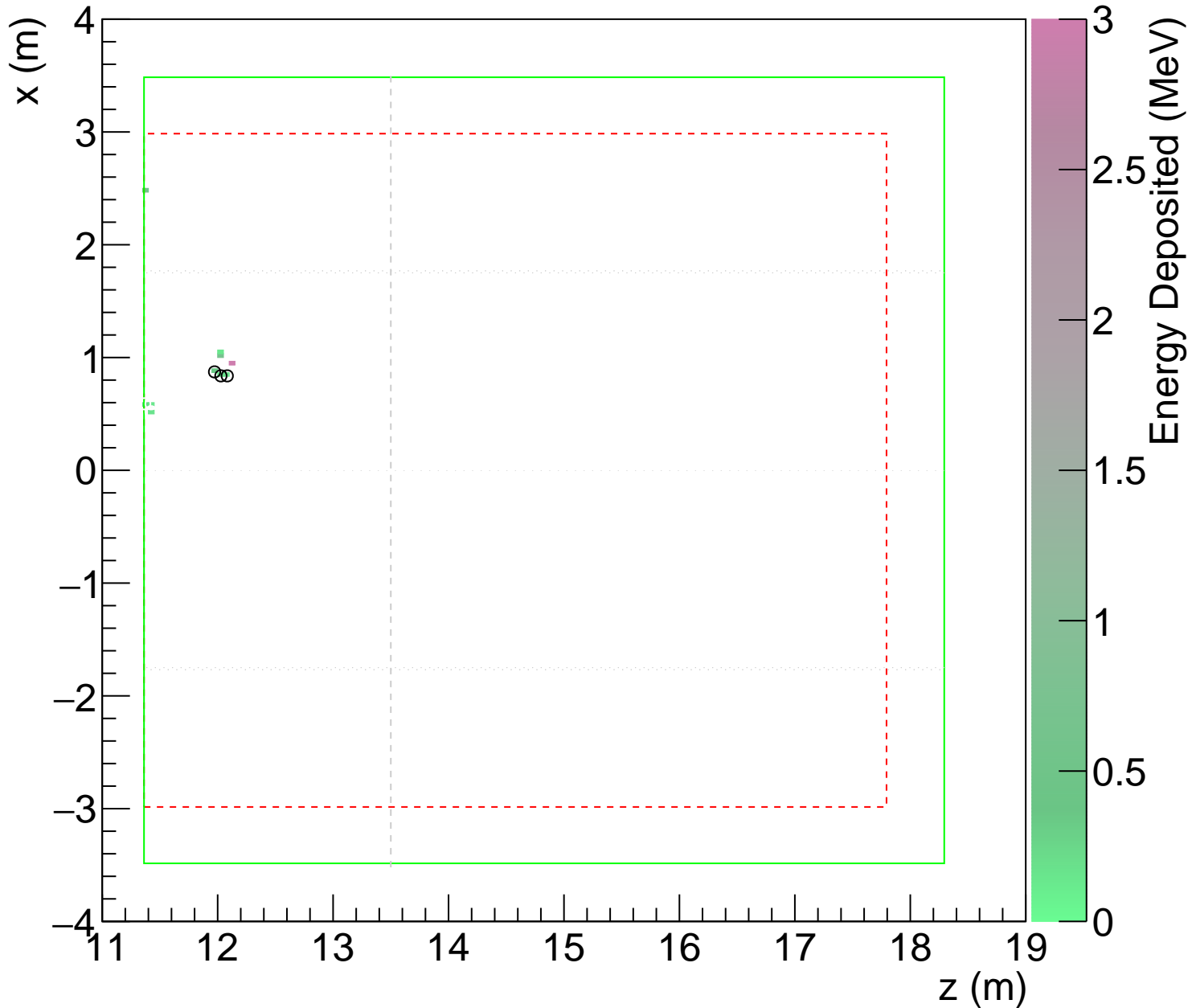


Event 465, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.12$  GeV,  $E_{\mu}^{\text{true}}=-0.89$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[NC],DIS,

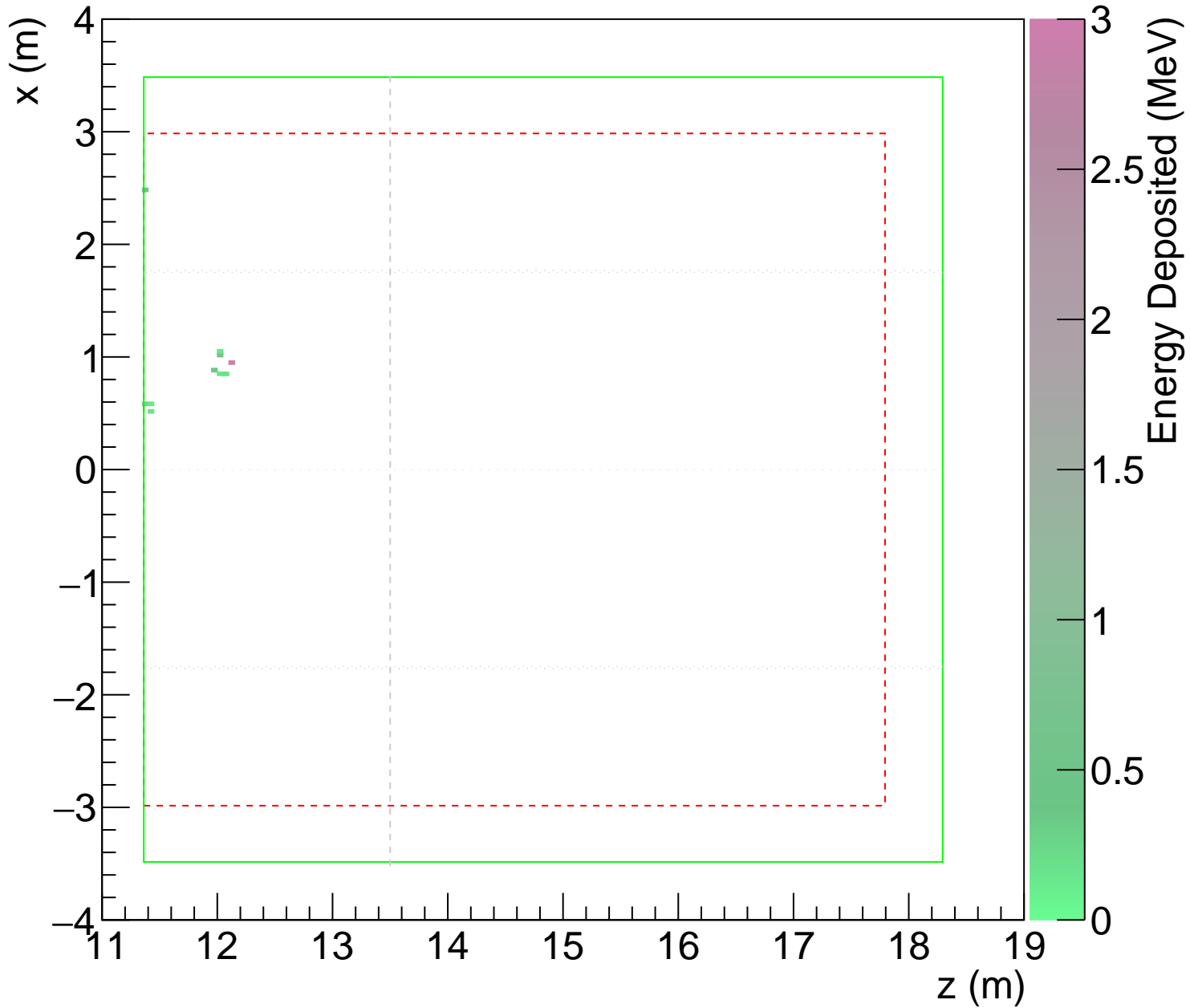


# Event 465 reconstructed

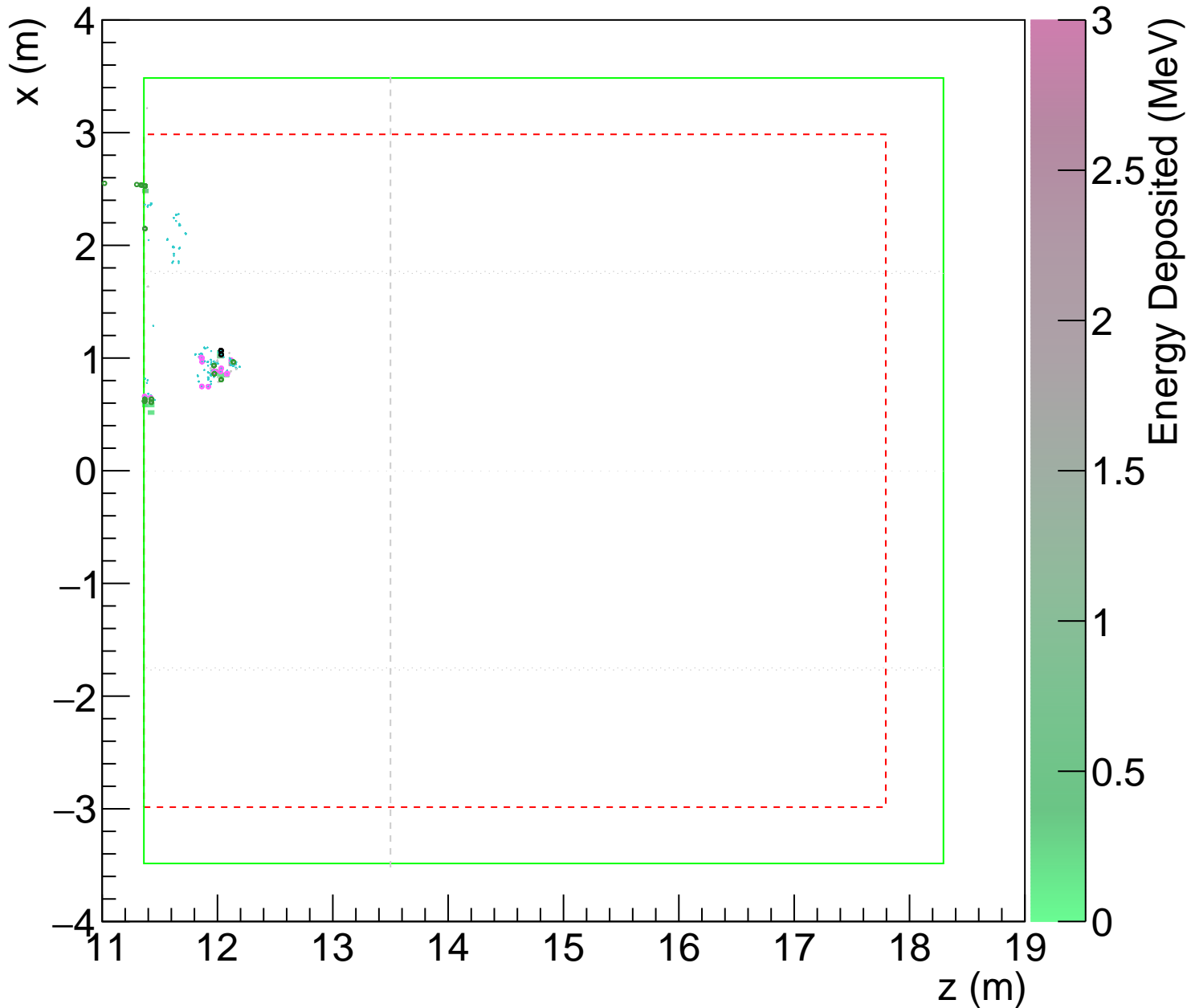
nLines: 0, nClusters: 2



Event 466, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.65$  GeV,  $E_{\mu}^{\text{true}}=0.24$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:5,



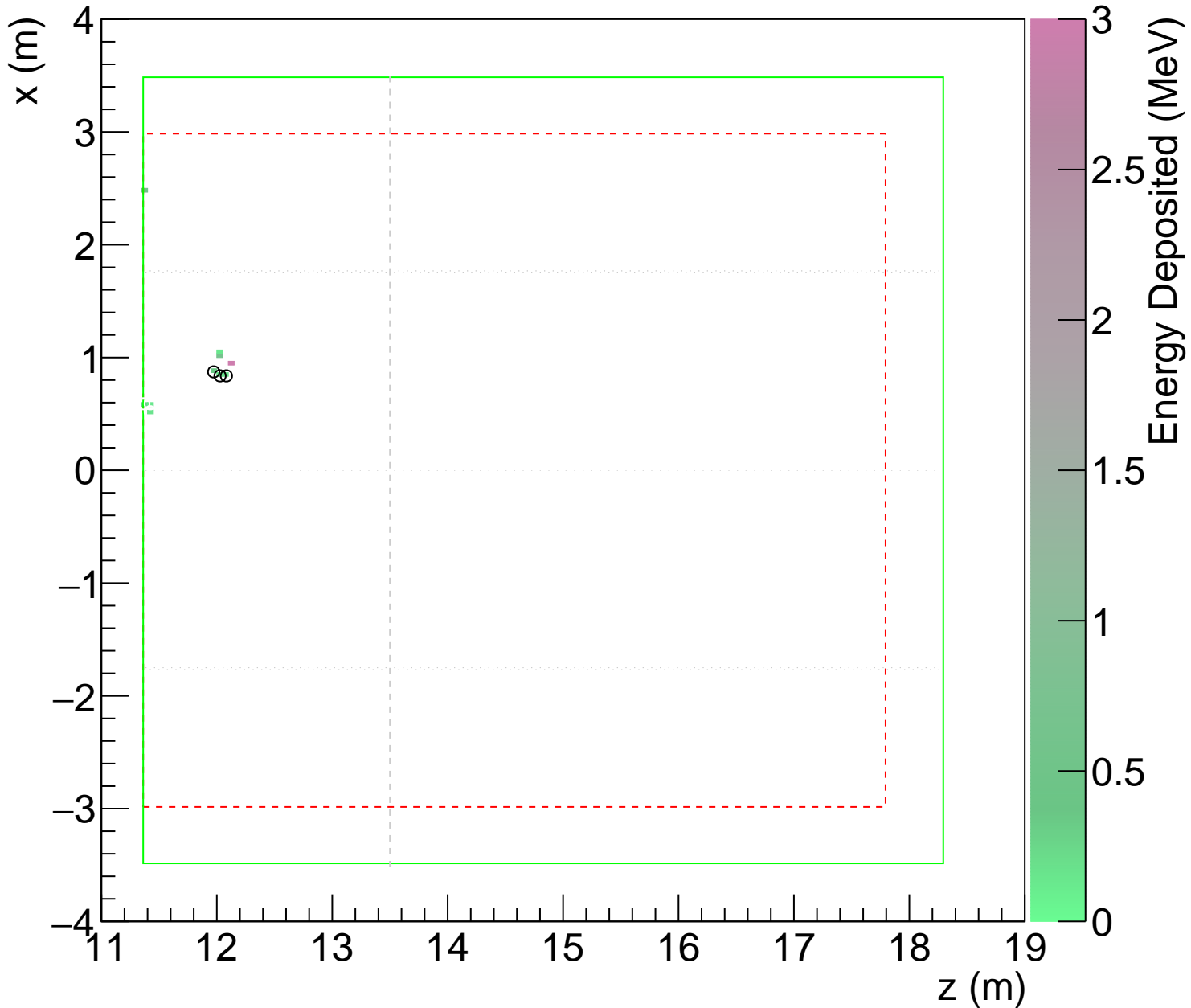
Event 466, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.65$  GeV,  $E_{\mu}^{\text{true}}=0.24$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:5,



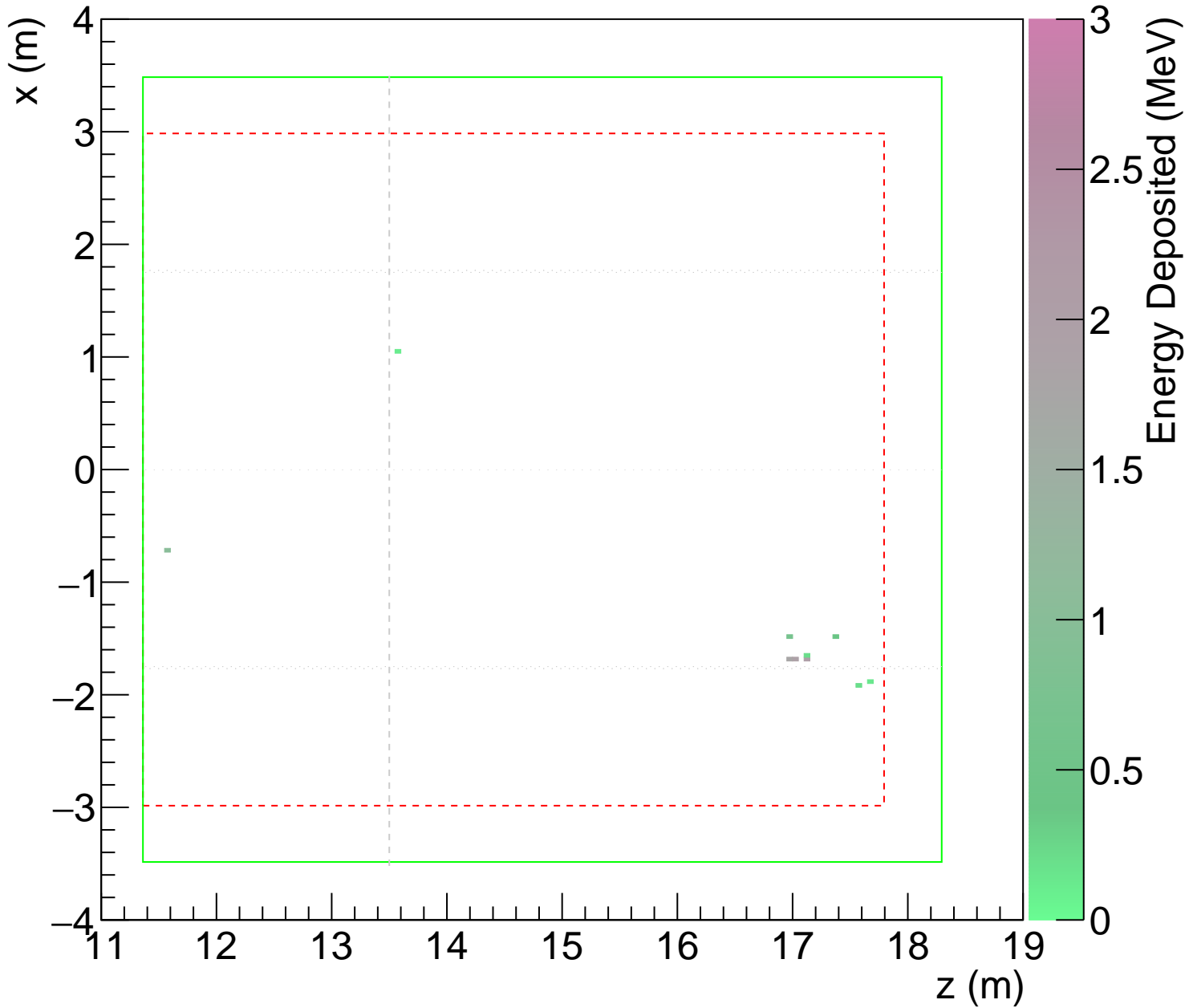


# Event 466 reconstructed

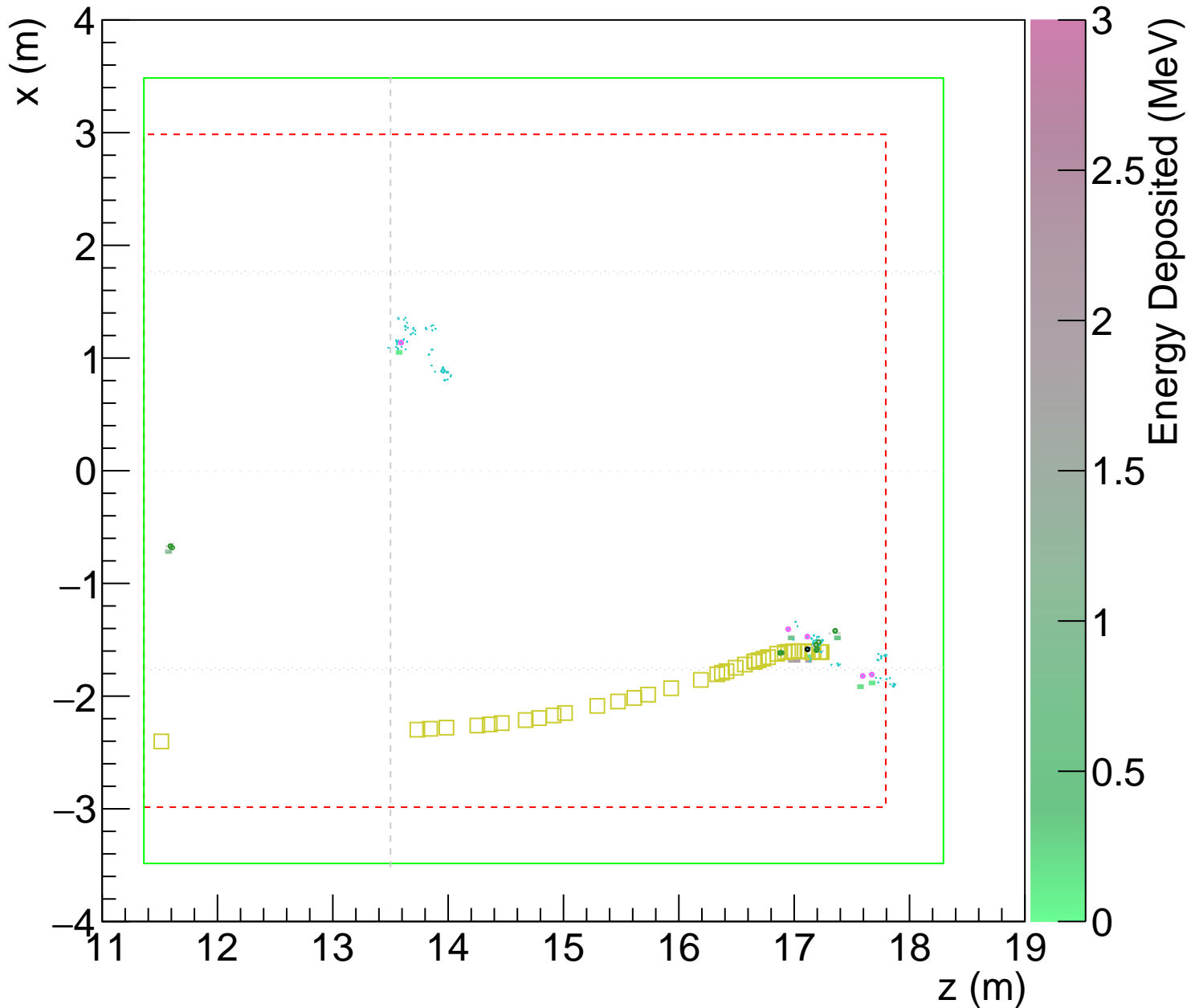
nLines: 0, nClusters: 2



Event 468, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.61$  GeV,  $E_{\mu}^{\text{true}}=3.00$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:0,

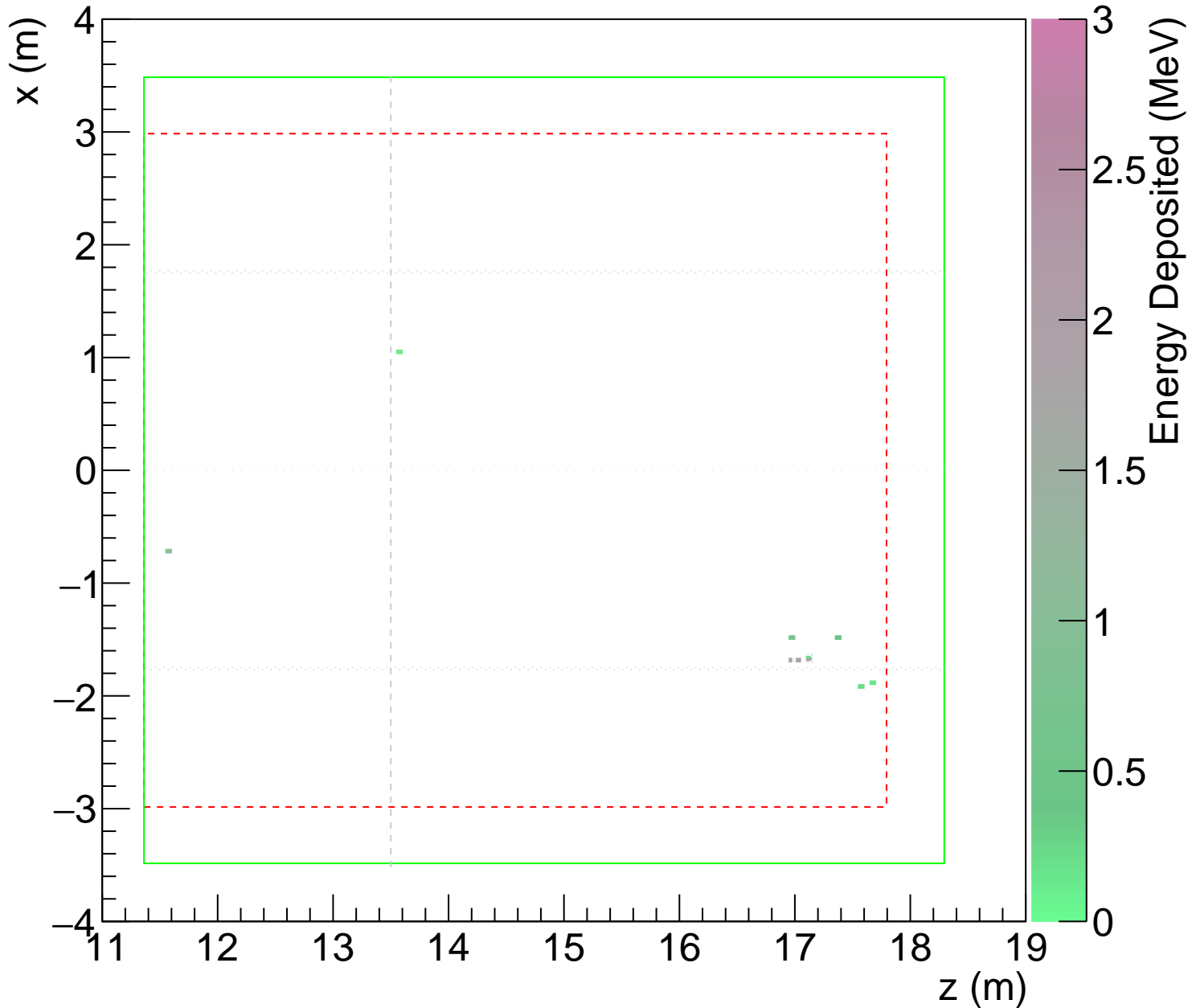


Event 468, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.61$  GeV,  $E_{\mu}^{\text{true}}=3.00$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:0,

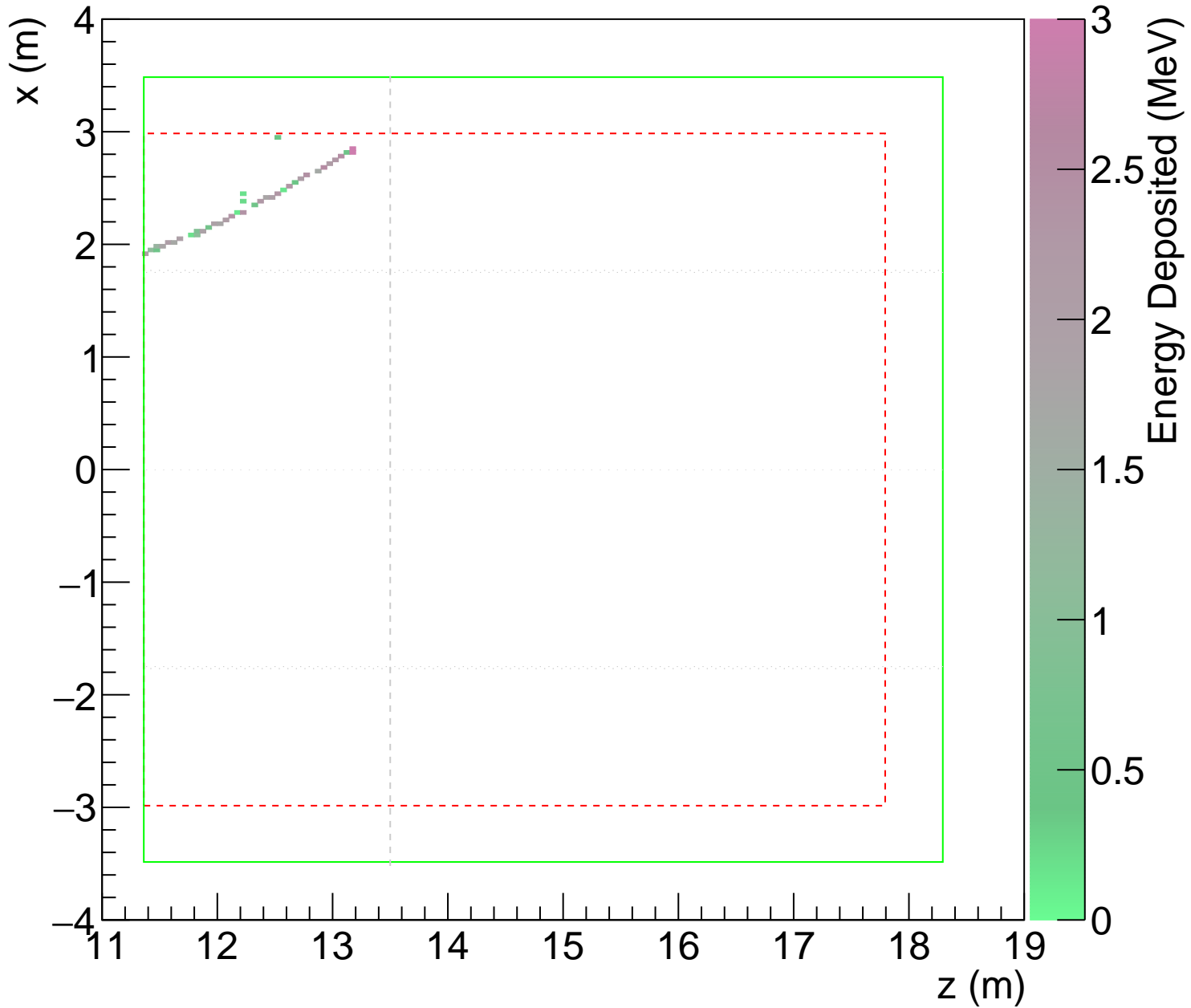


# Event 468 reconstructed

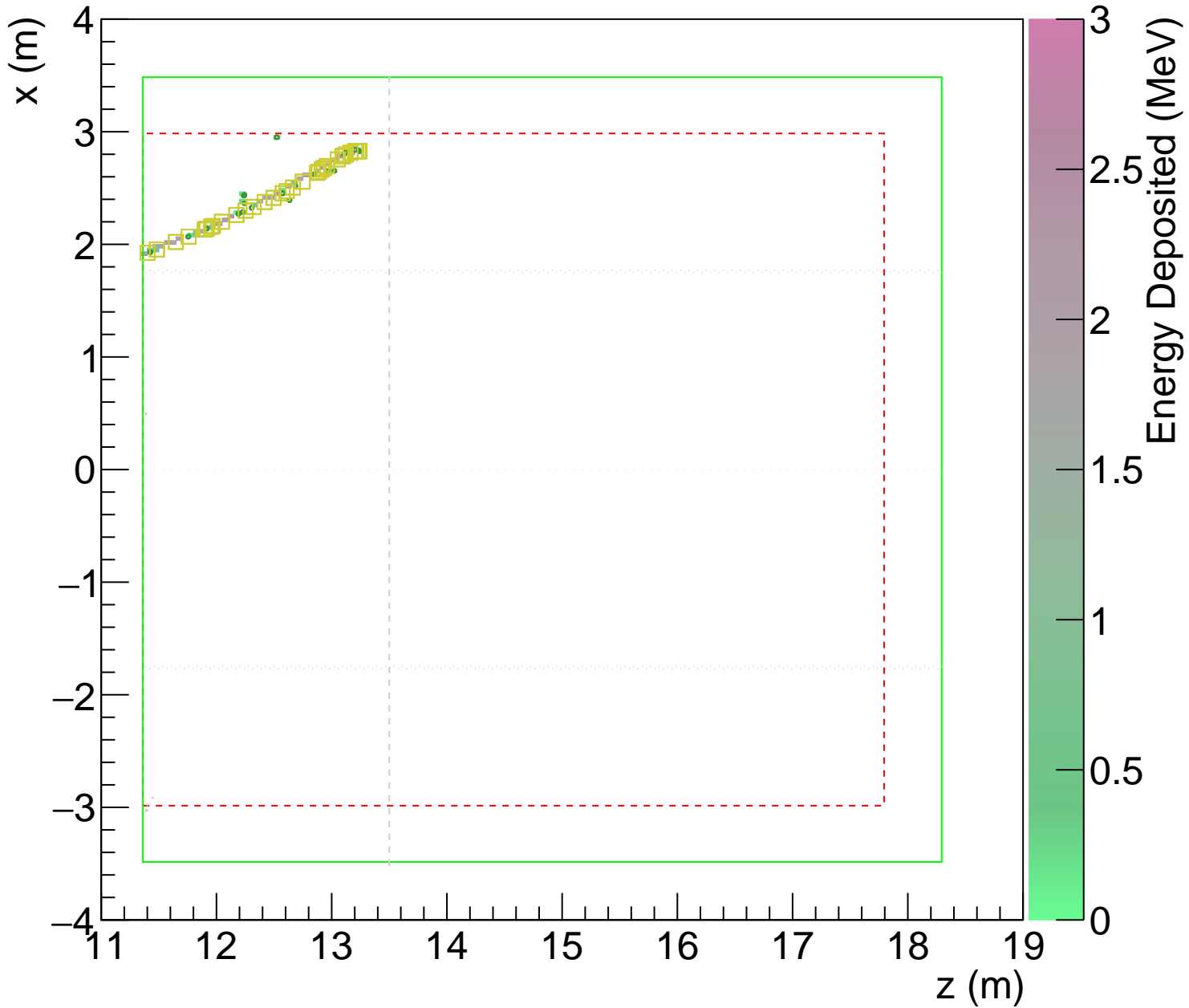
nLines: 0, nClusters: 1



Event 469, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.39$  GeV,  $E_{\mu}^{\text{true}}=2.17$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

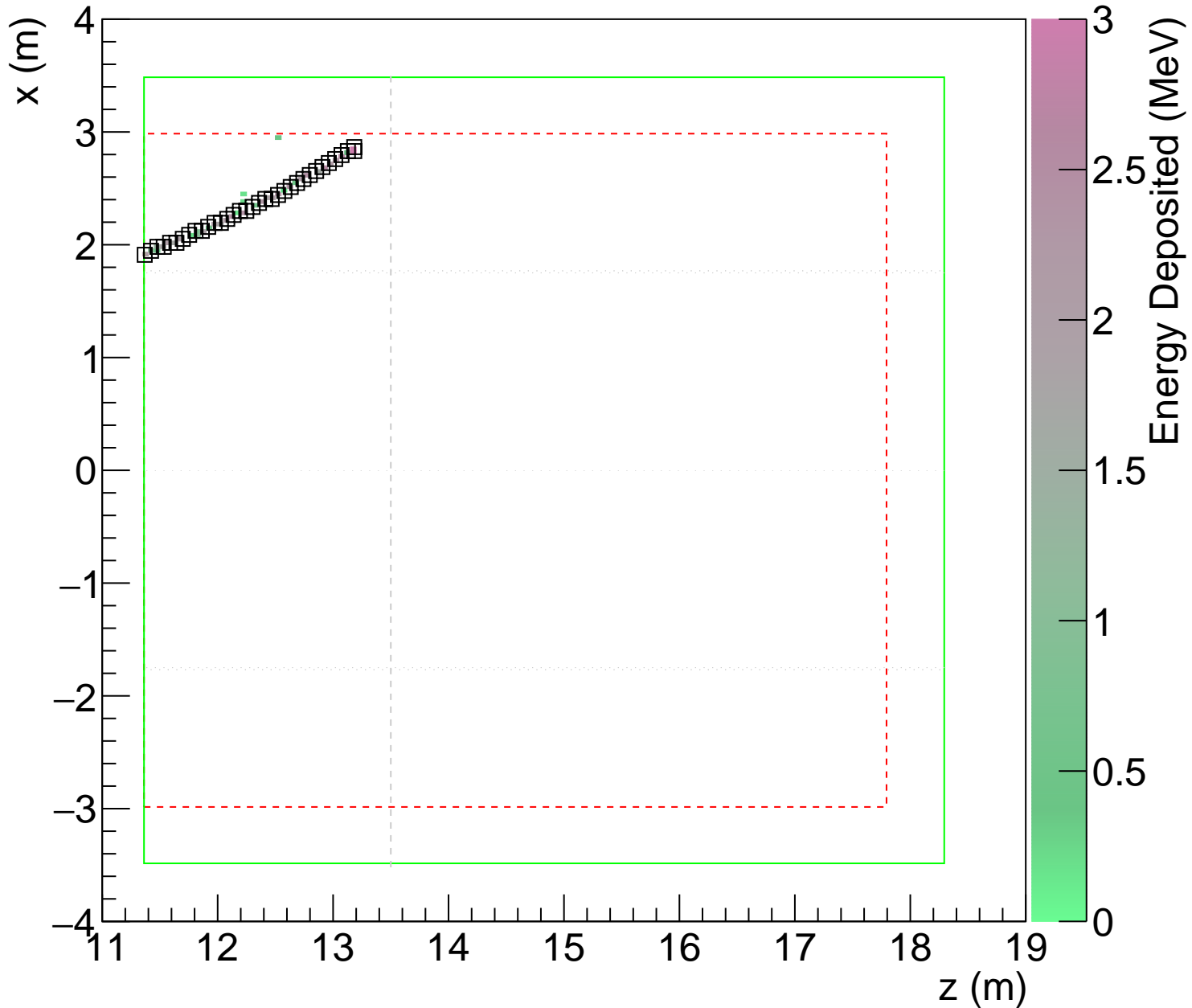


Event 469, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.39$  GeV,  $E_{\mu}^{\text{true}}=2.17$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:0,

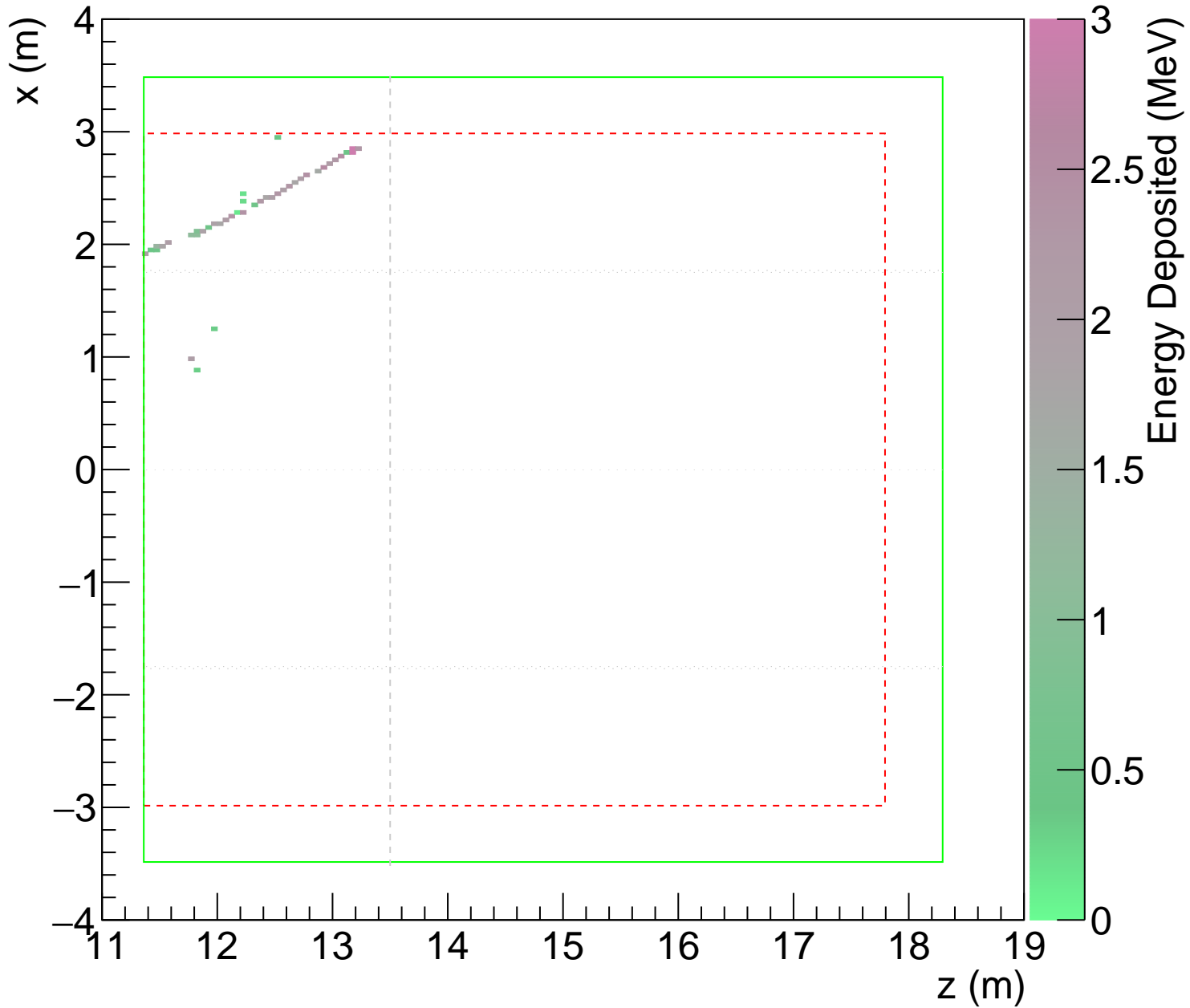


# Event 469 reconstructed

nLines: 1, nClusters: 0

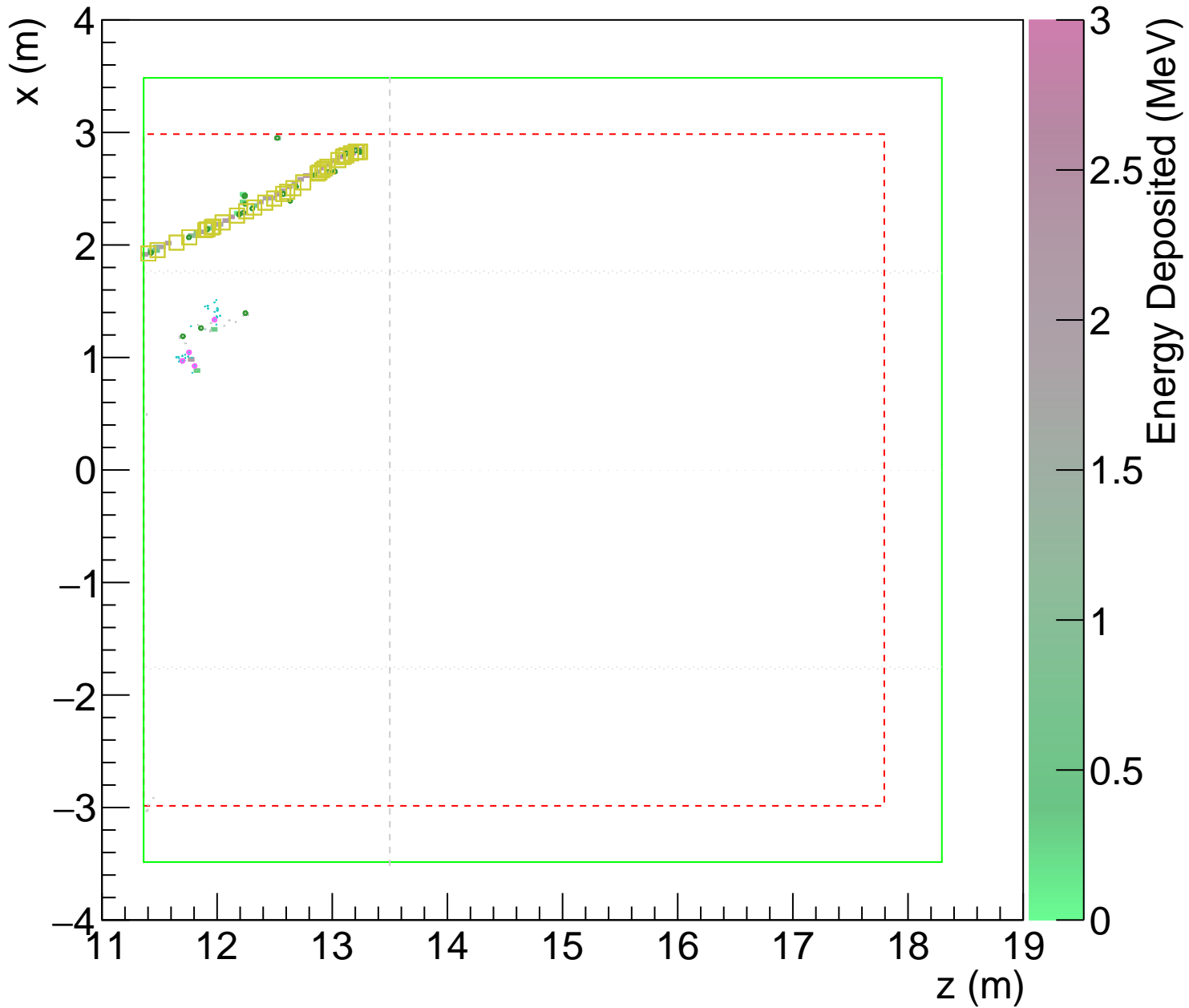


Event 470, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.27$  GeV,  $E_{\mu}^{\text{true}}=2.17$  GeV  
nu:14,tgt:1000240520,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,



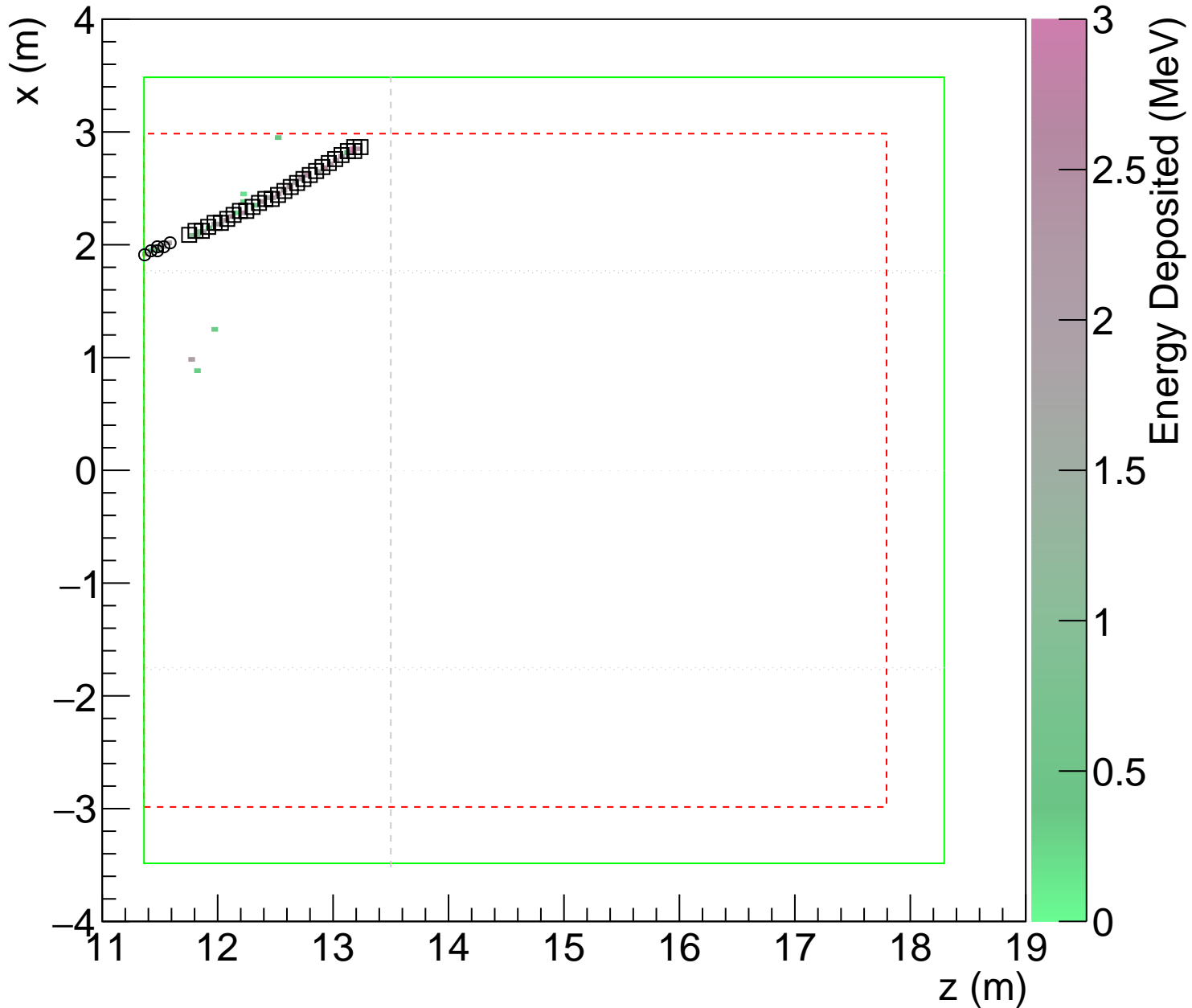


Event 470, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.27$  GeV,  $E_{\mu}^{\text{true}}=2.17$  GeV  
nu:14,tgt:1000240520,N:2212,q:2( $\nu$ ),proc:Weak[NC],DIS,

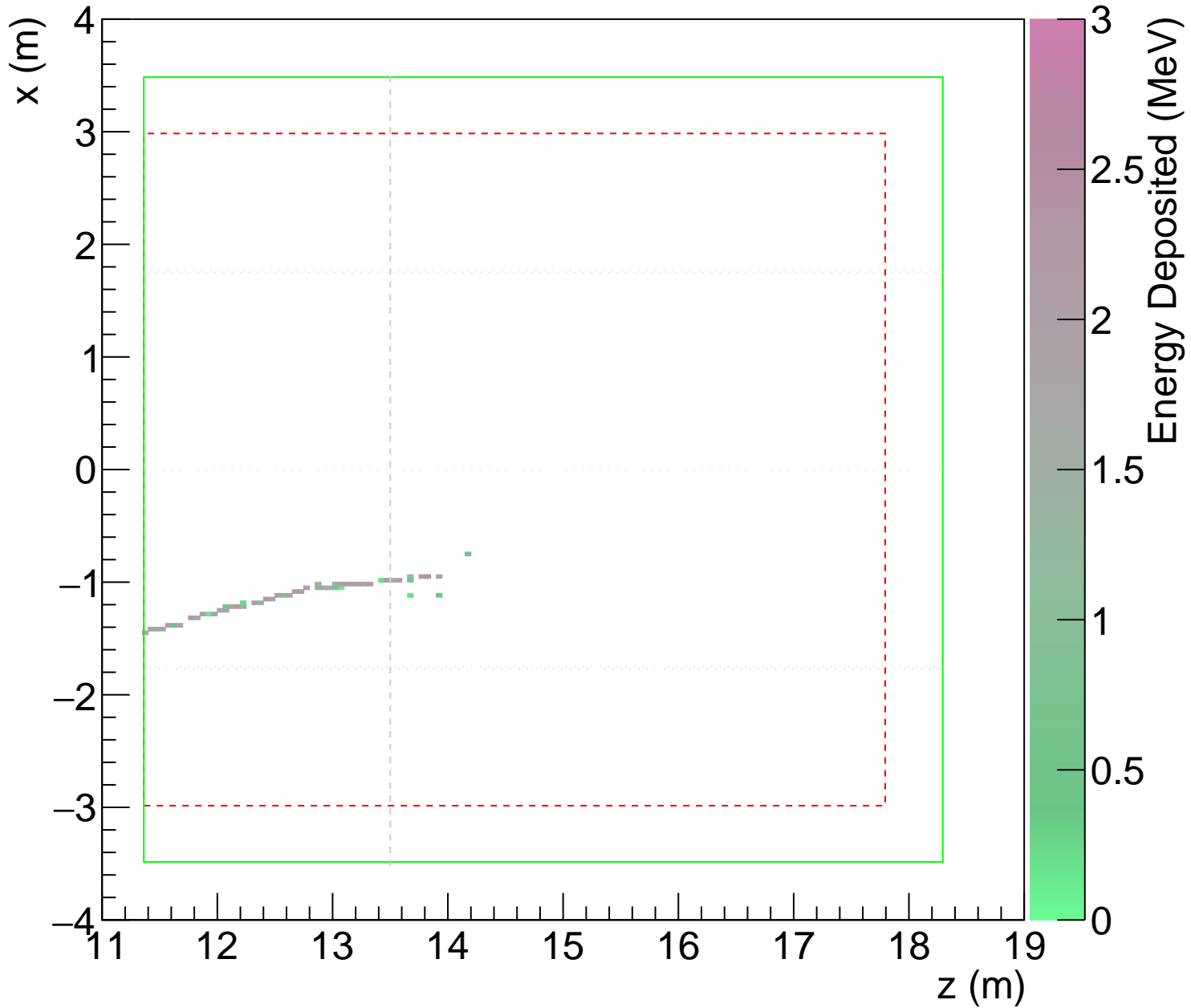


# Event 470 reconstructed

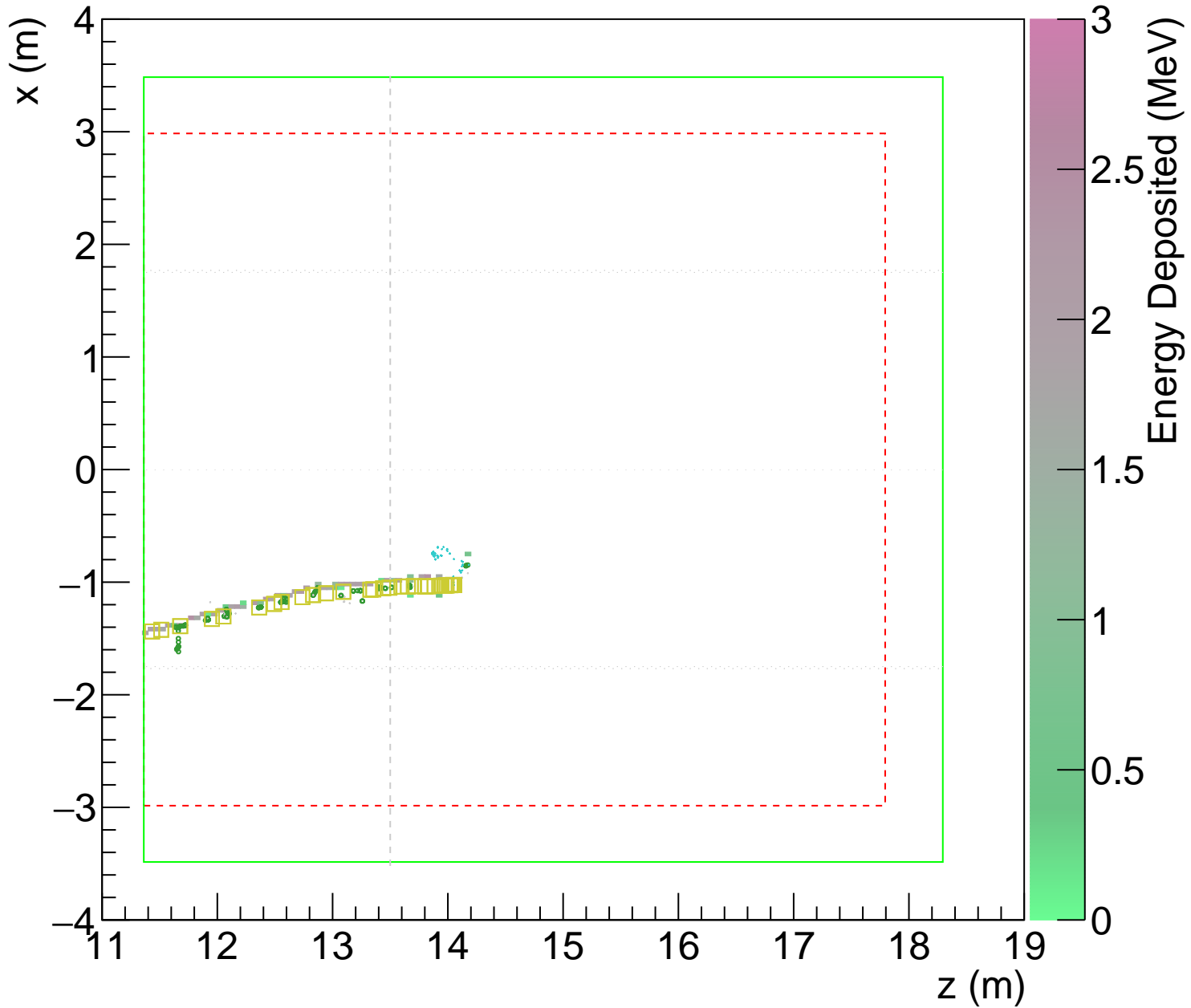
nLines: 1, nClusters: 1



Event 475, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.84$  GeV,  $E_{\mu}^{\text{true}}=1.75$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:11,

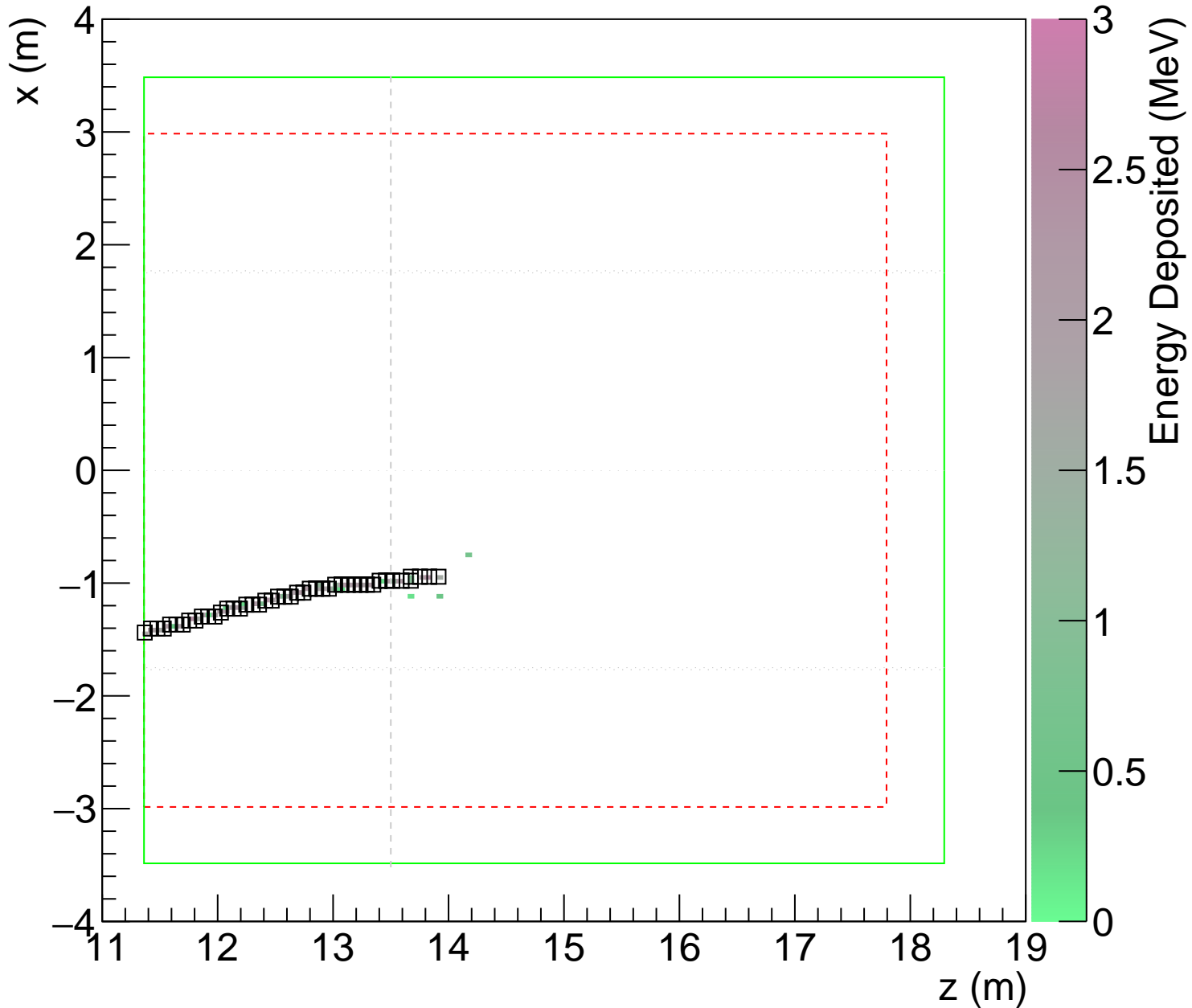


Event 475, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.84$  GeV,  $E_{\mu}^{\text{true}}=1.75$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:11,

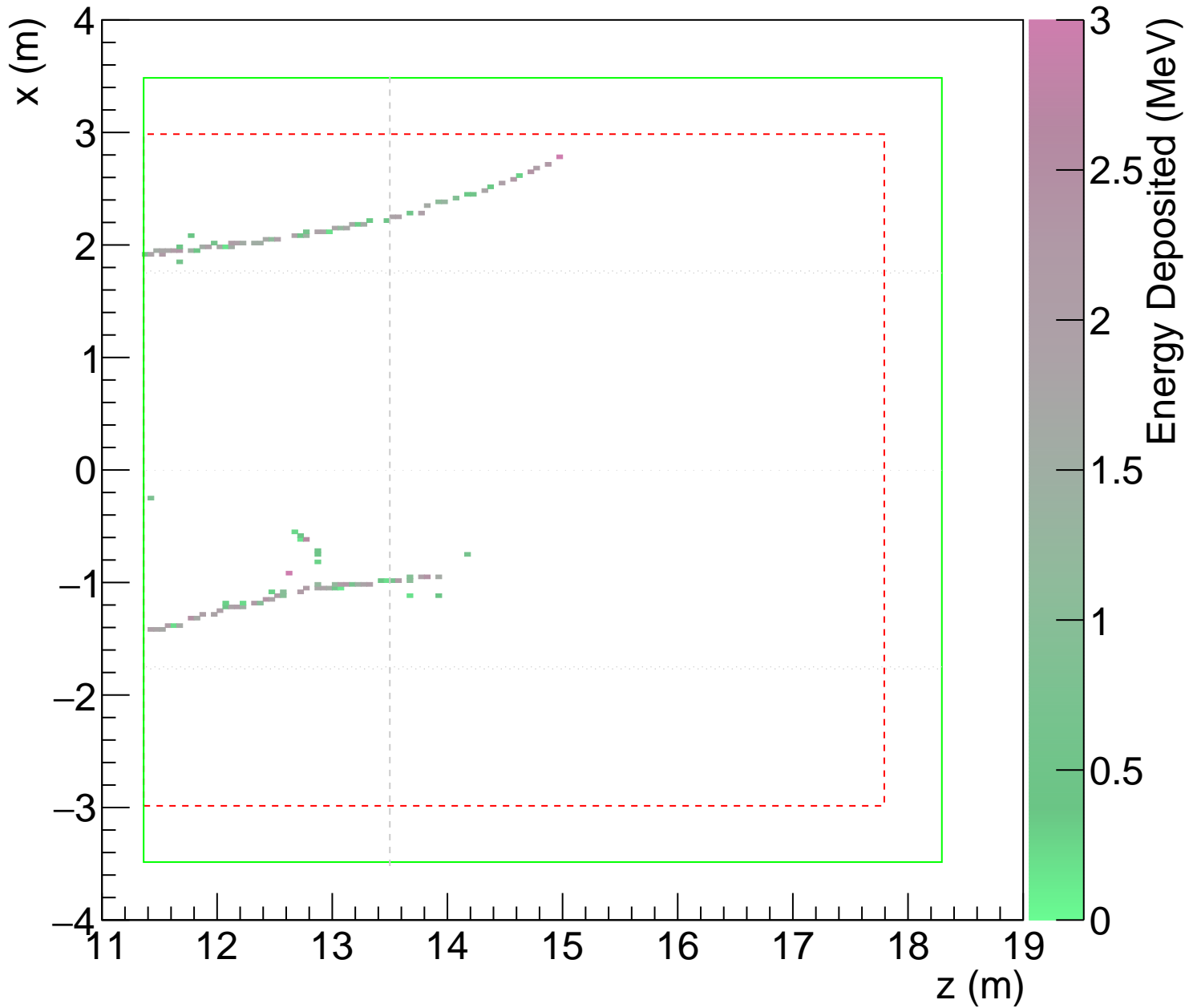


# Event 475 reconstructed

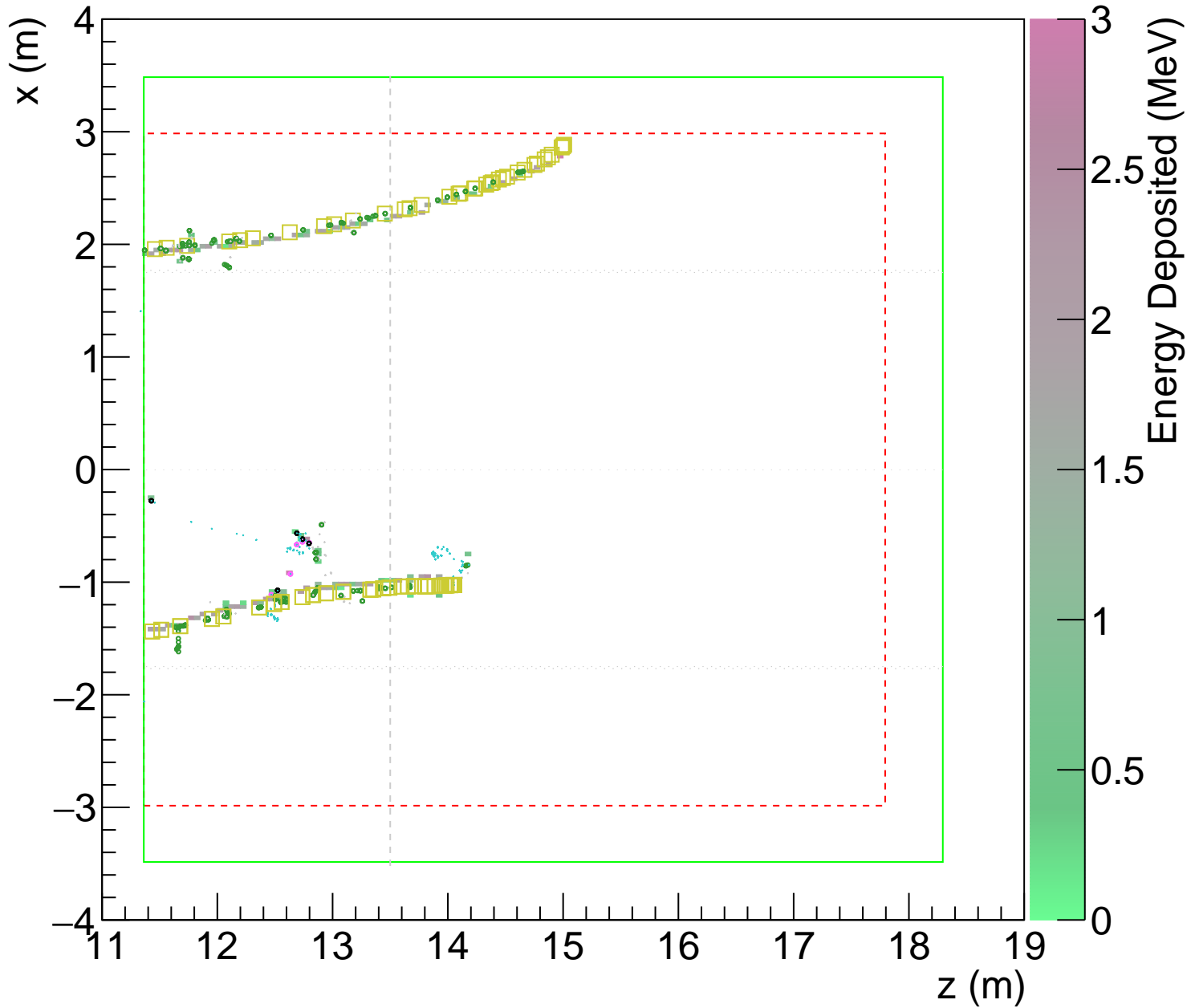
nLines: 1, nClusters: 0



Event 476, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.24$  GeV,  $E_{\mu}^{\text{true}}=2.47$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

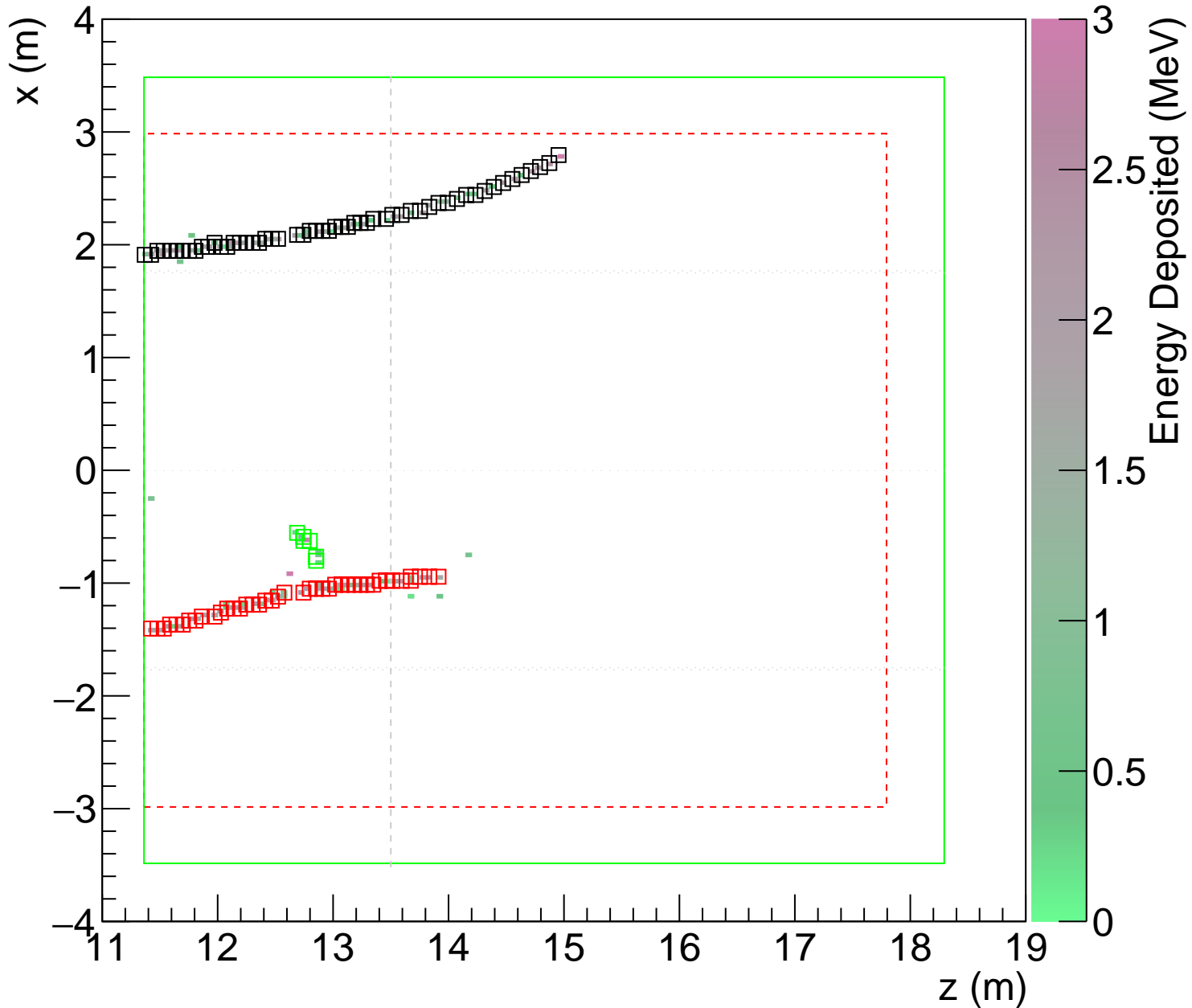


Event 476, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.24$  GeV,  $E_{\mu}^{\text{true}}=2.47$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



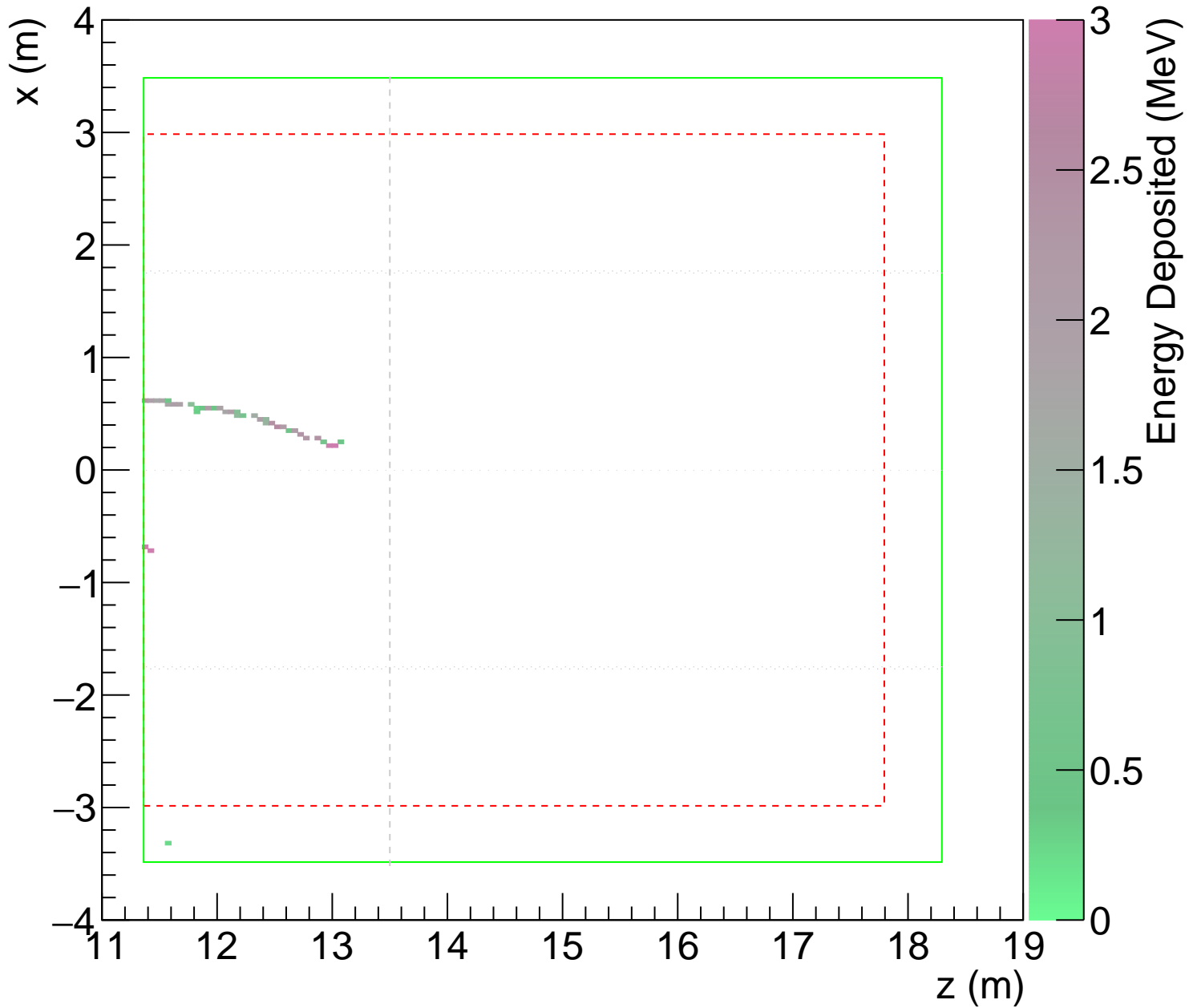
# Event 476 reconstructed

nLines: 3, nClusters: 0

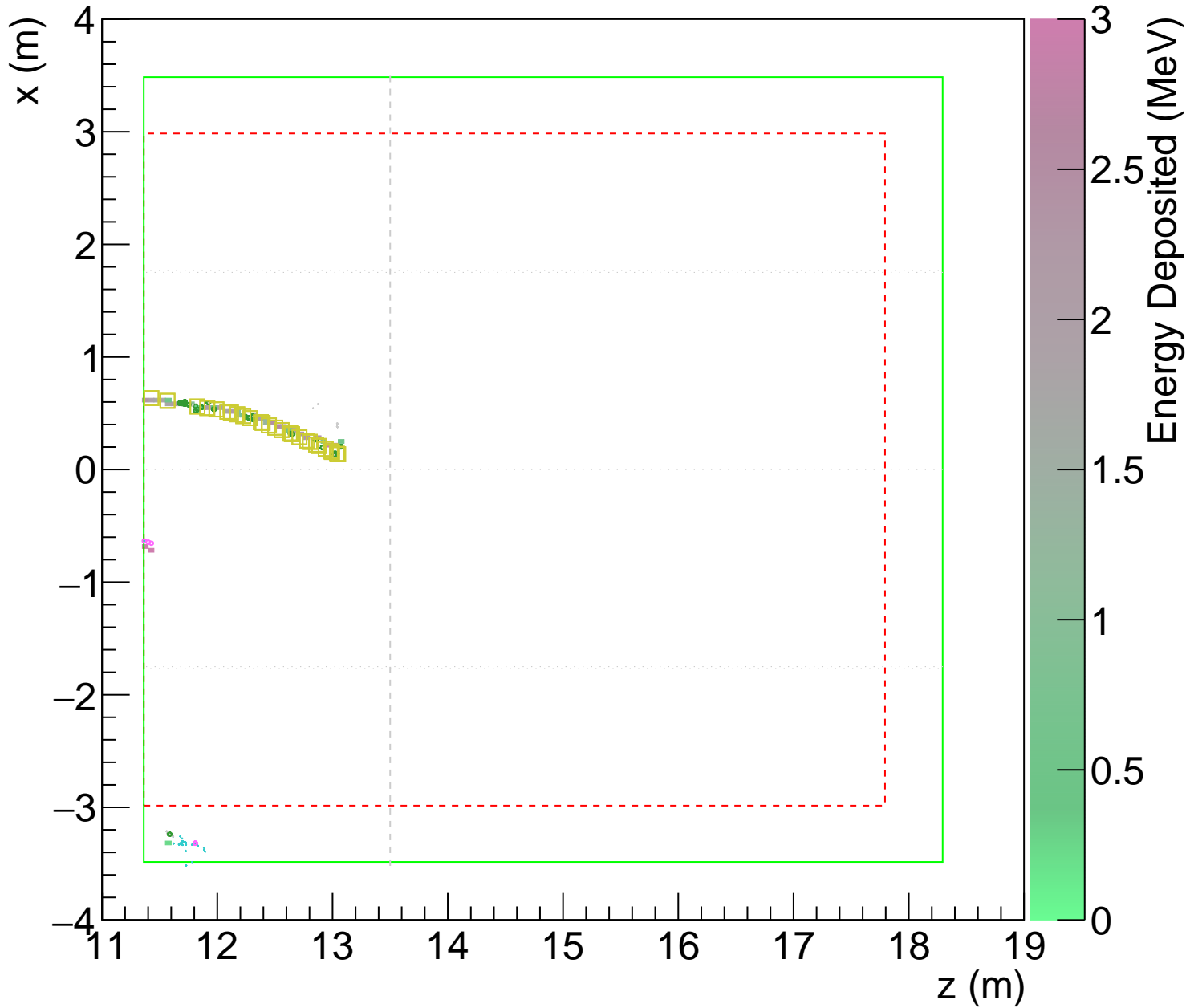




Event 477, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.20$  GeV,  $E_{\mu}^{\text{true}}=1.15$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

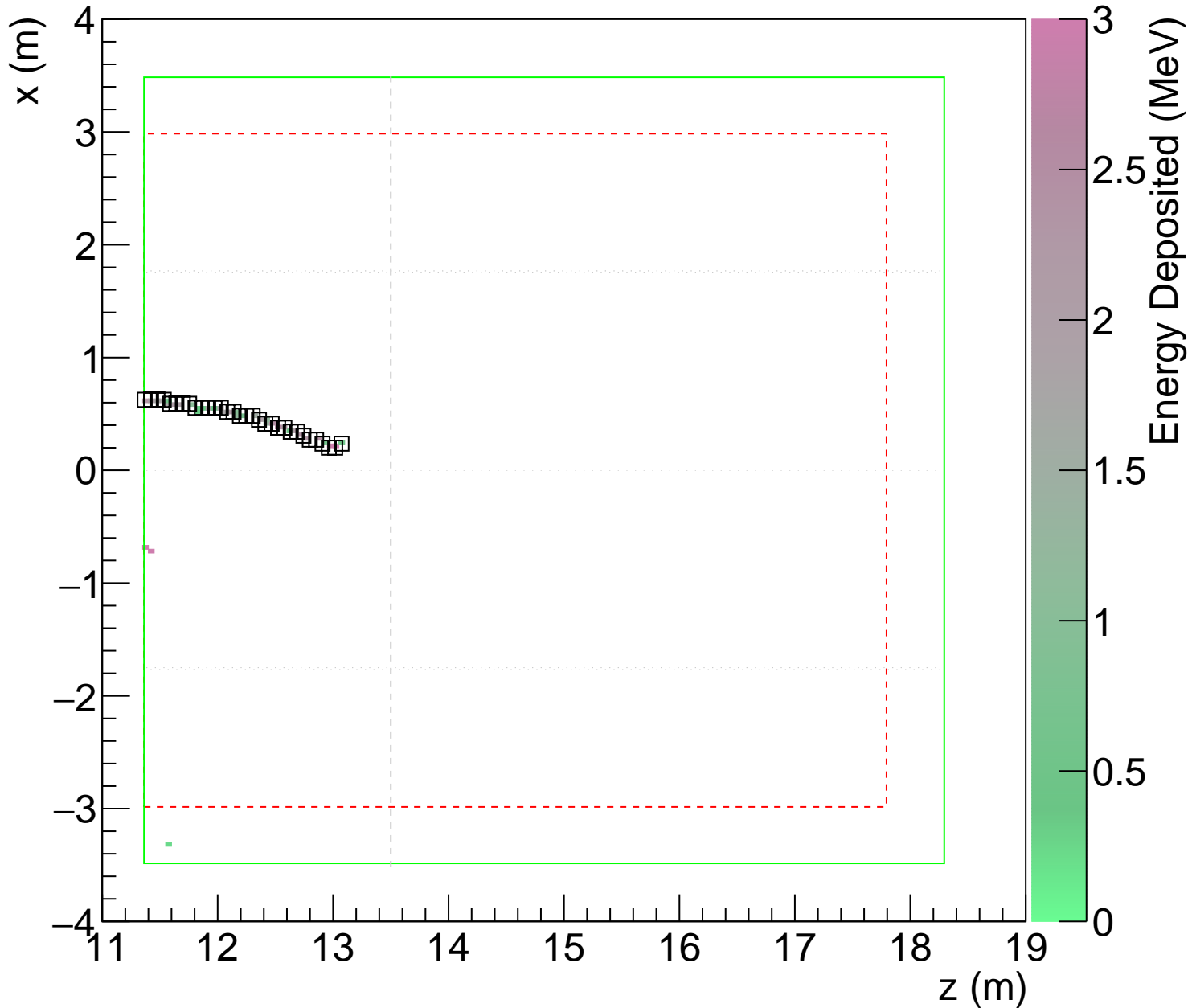


Event 477, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.20$  GeV,  $E_{\mu}^{\text{true}}=1.15$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

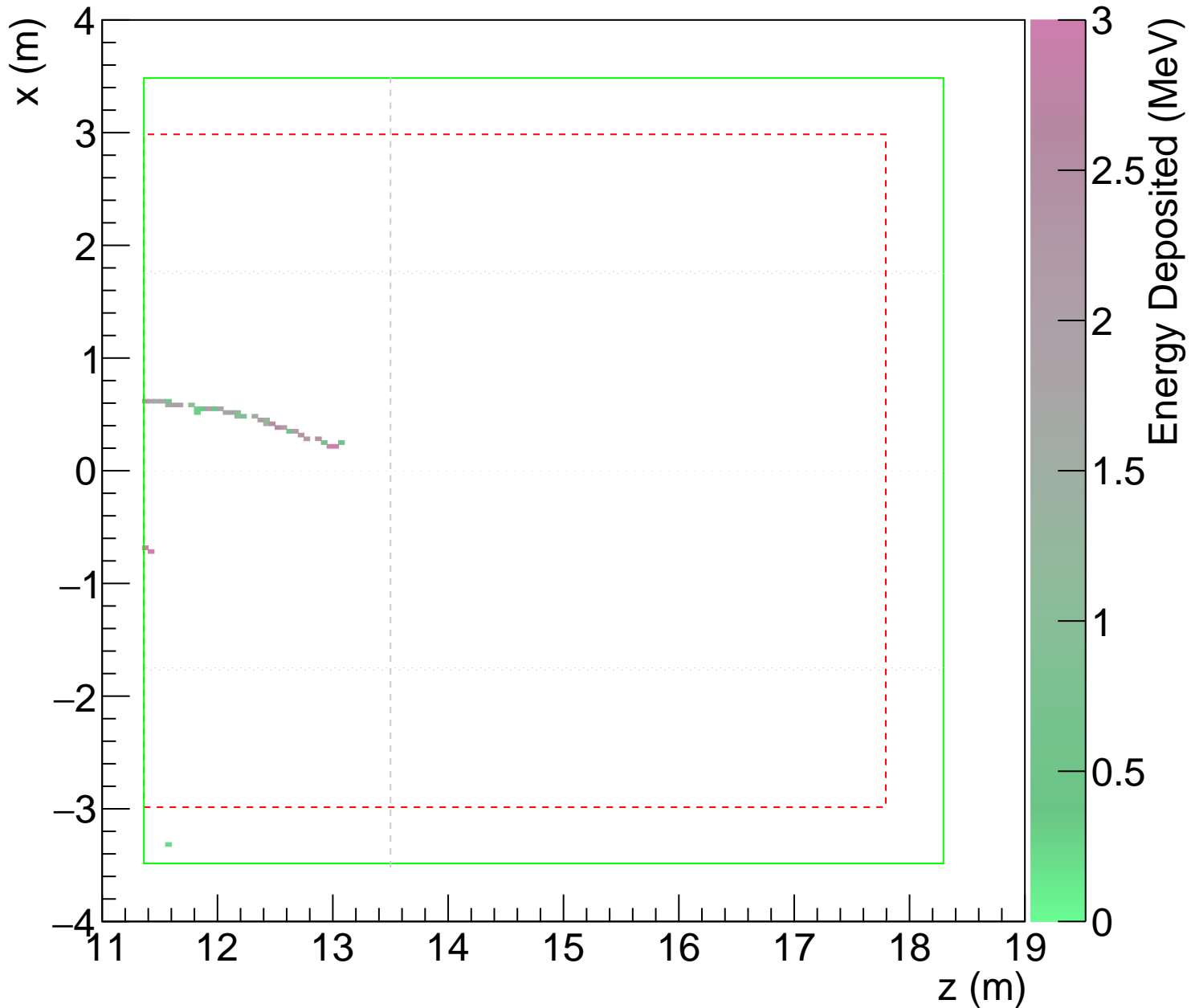


# Event 477 reconstructed

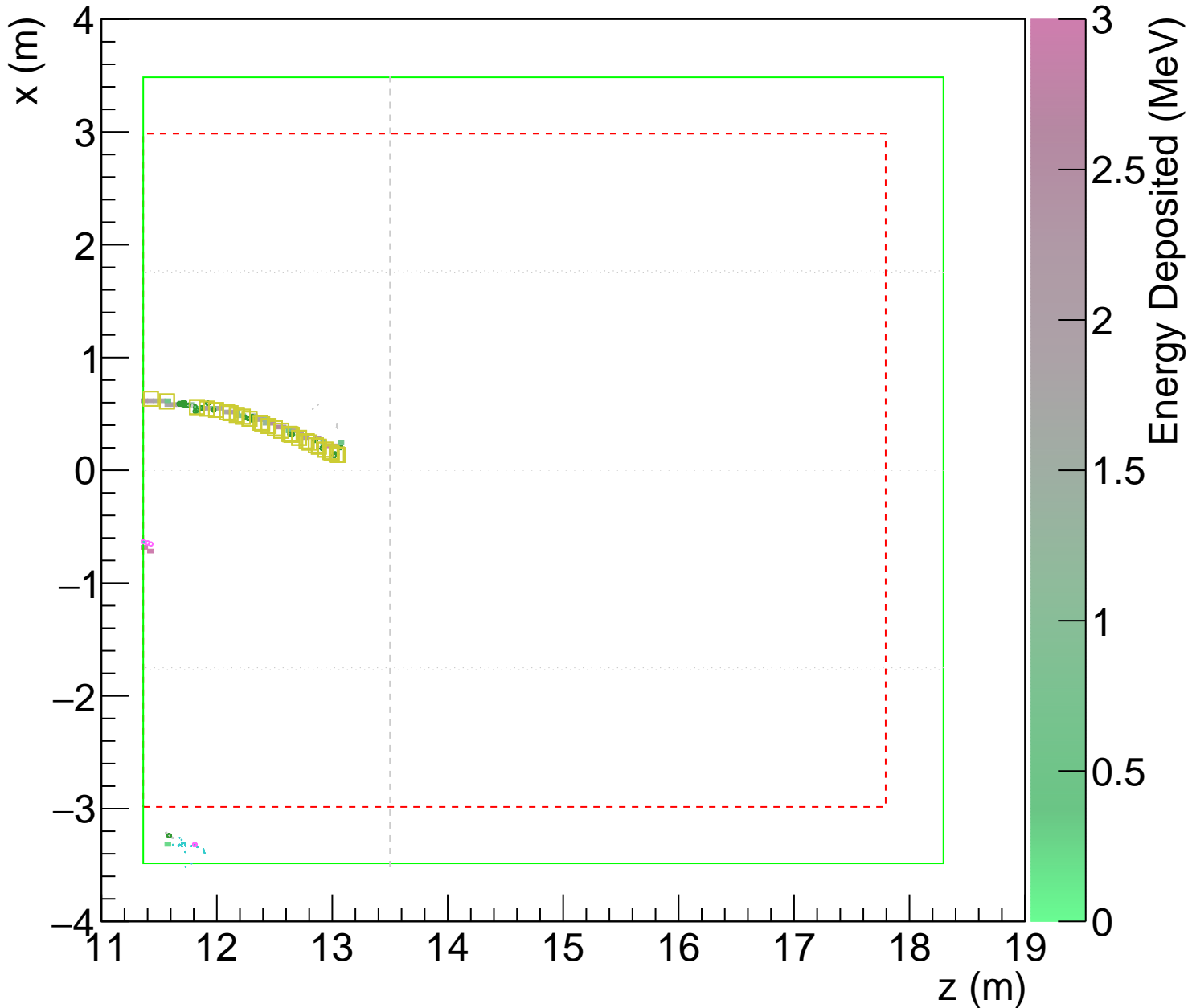
nLines: 1, nClusters: 0



Event 478, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=0.98$  GeV,  $E_{\mu}^{\text{true}}=1.15$  GeV  
nu:12,tgt:1000180400,N:2212,proc:Weak[NC],QES,

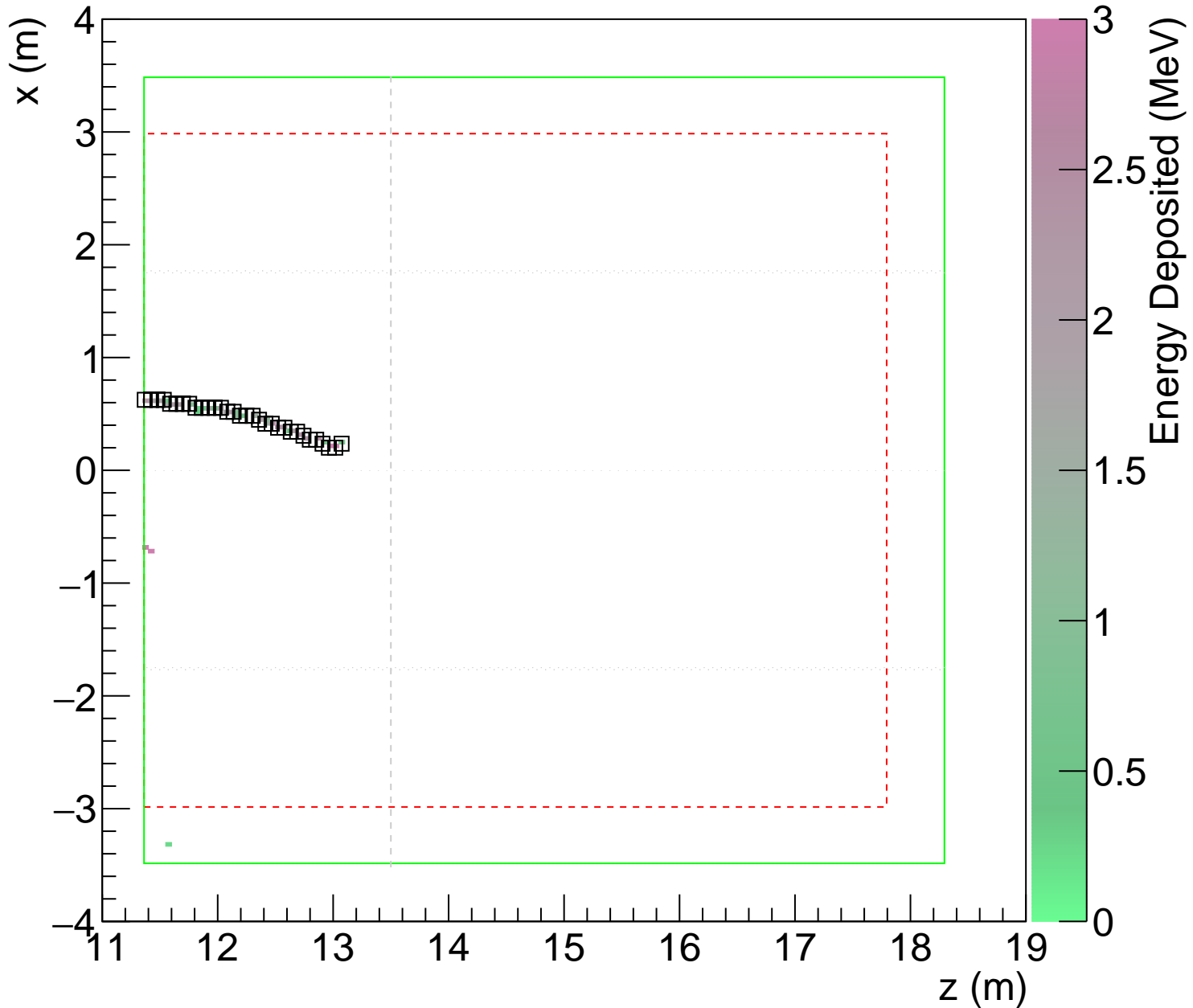


Event 478, all reco hits,  $\nu^{\text{true}}$  PDG: 12,  $E_{\nu}^{\text{true}}=0.98$  GeV,  $E_{\mu}^{\text{true}}=1.15$  GeV  
nu:12,tgt:1000180400,N:2212,proc:Weak[NC],QES,

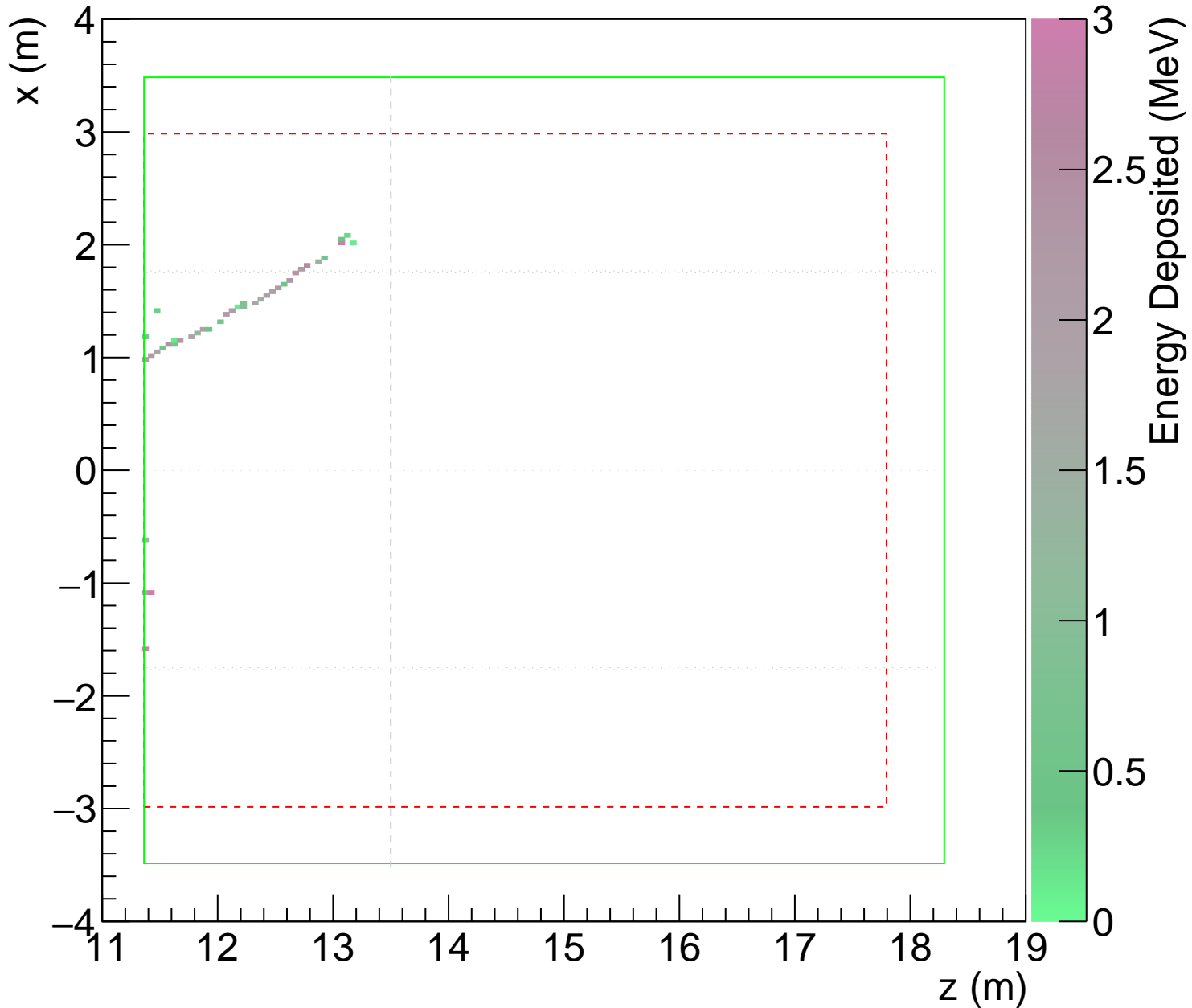


# Event 478 reconstructed

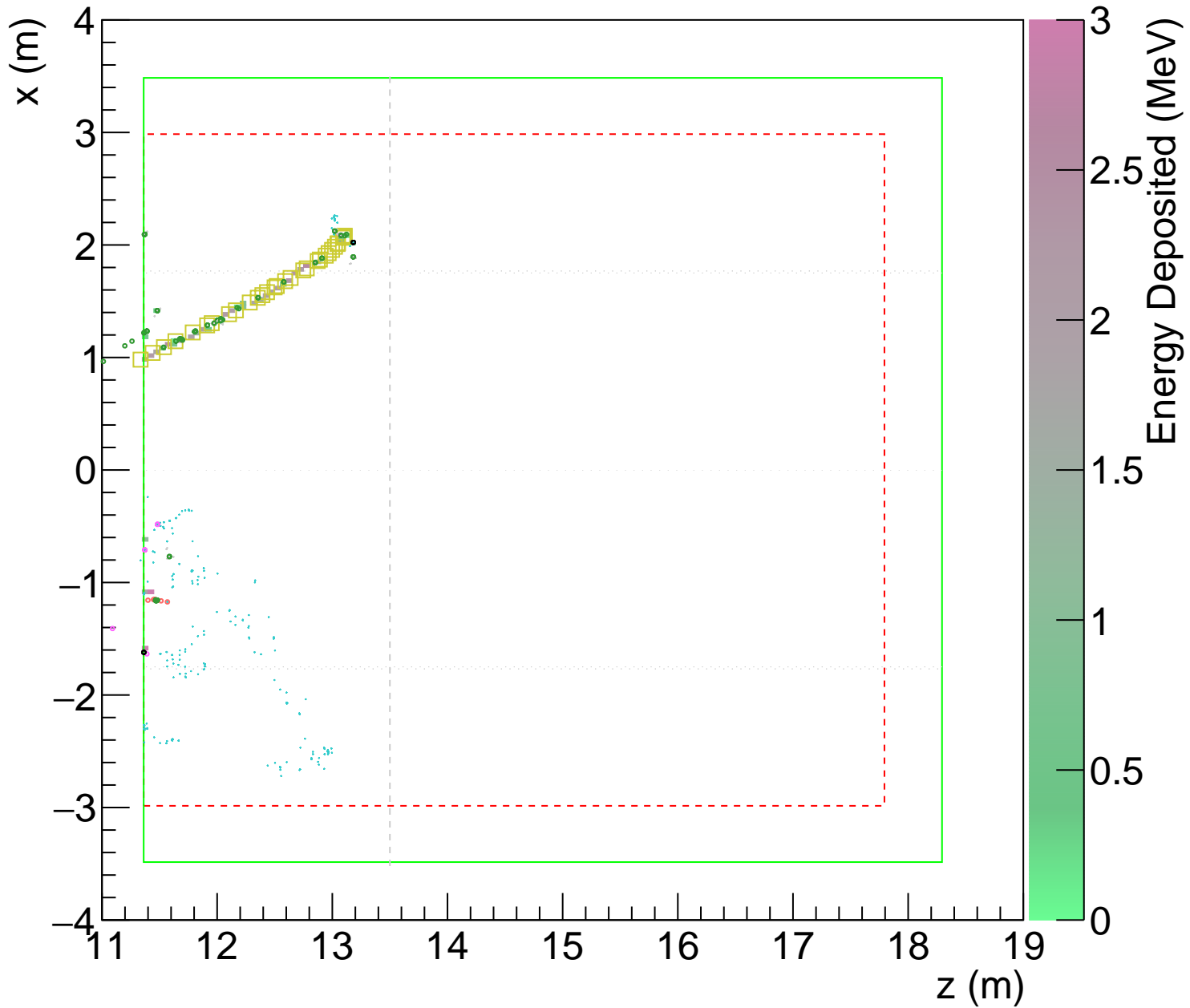
nLines: 1, nClusters: 0



Event 479, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.52$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



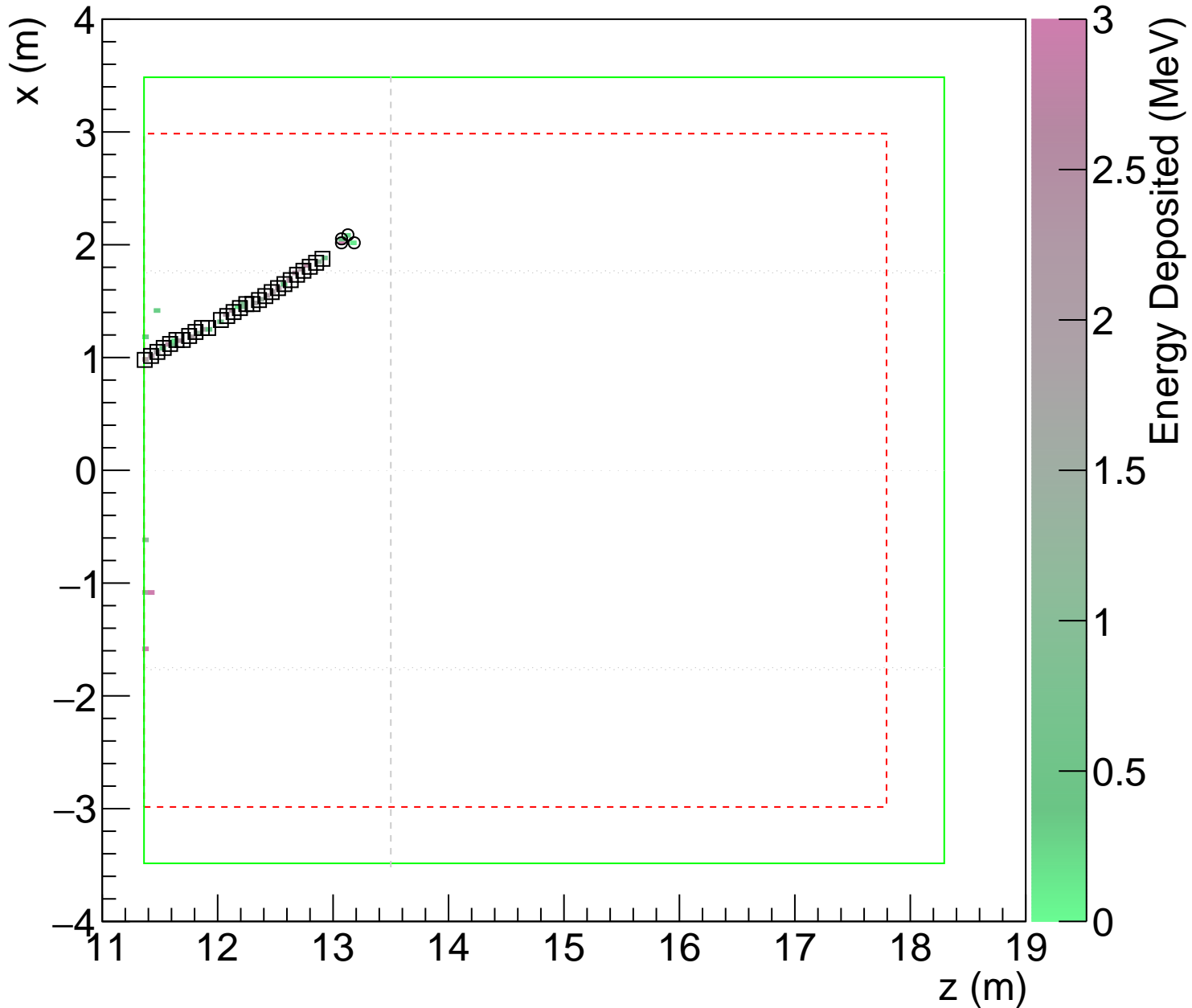
Event 479, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.52$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



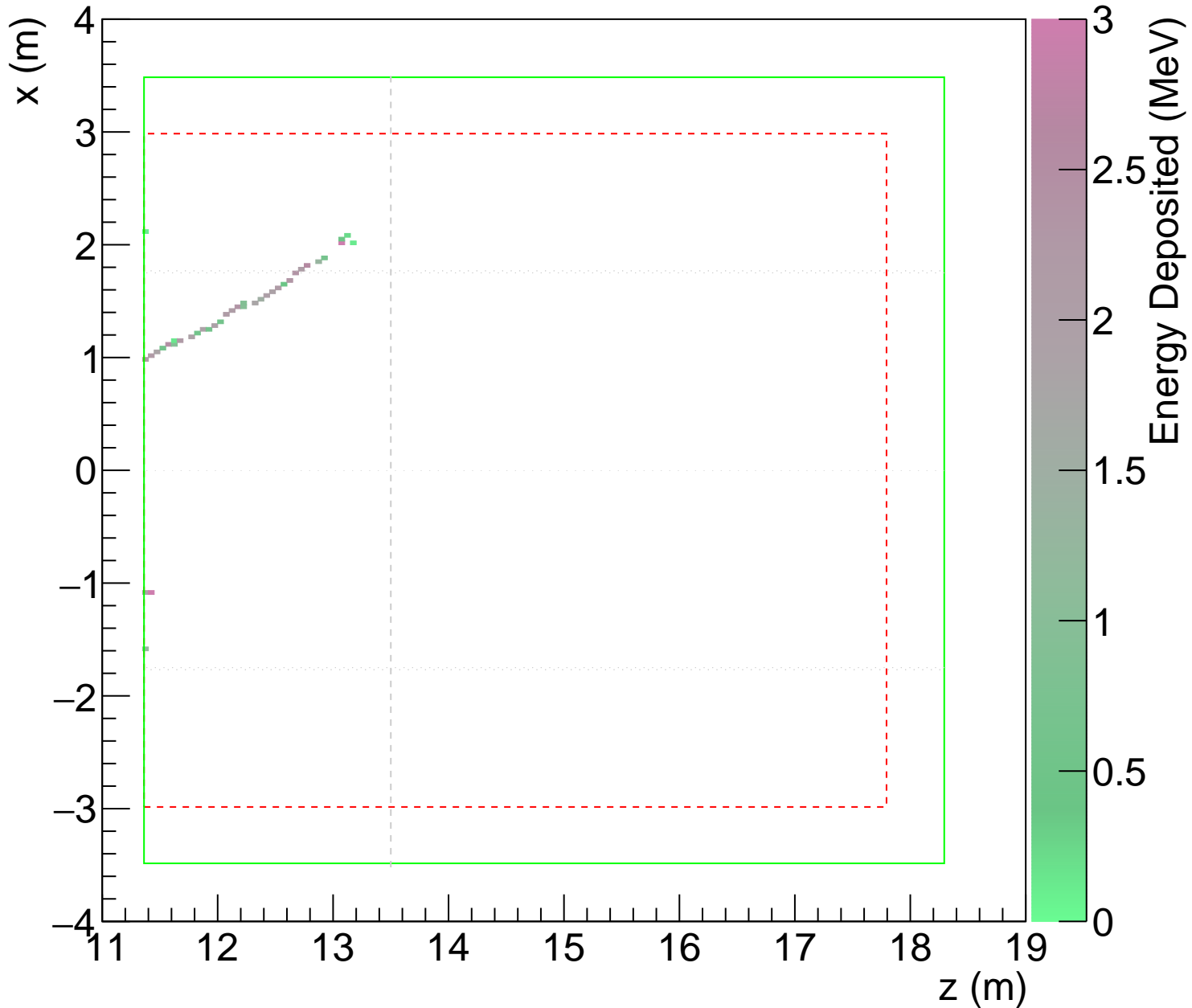


# Event 479 reconstructed

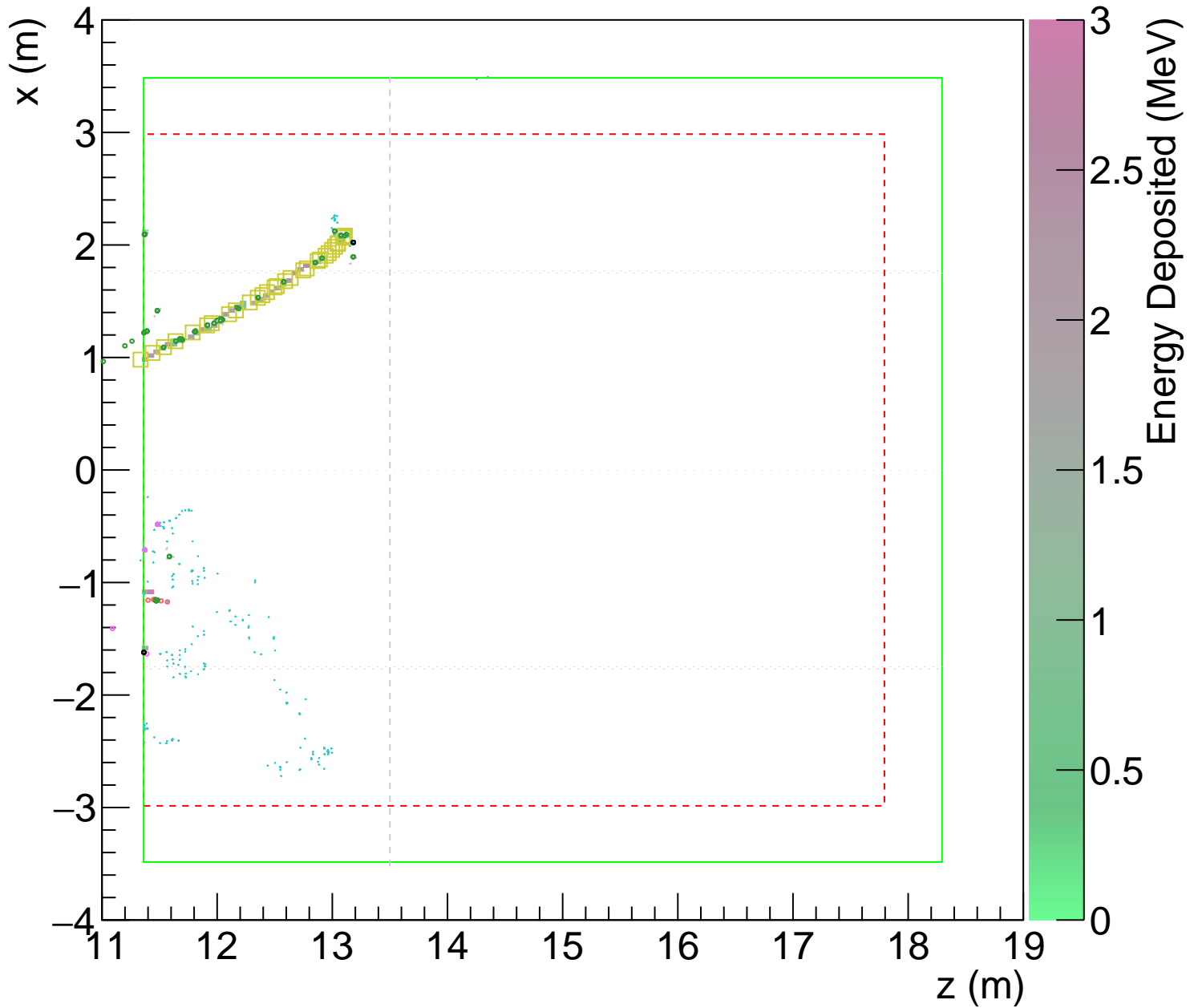
nLines: 1, nClusters: 1



Event 480, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.48$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

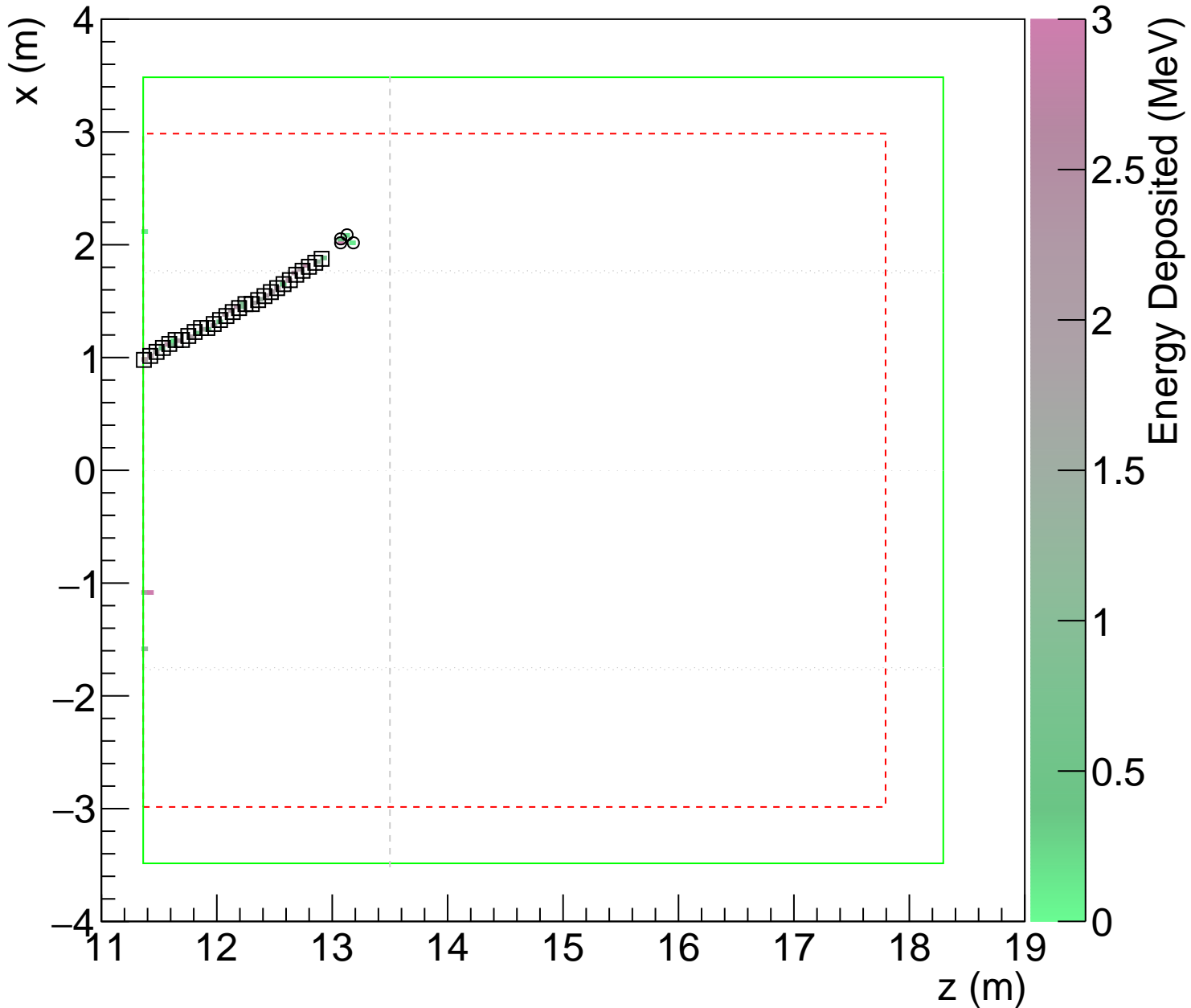


Event 480, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.48$  GeV,  $E_{\mu}^{\text{true}}=1.03$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

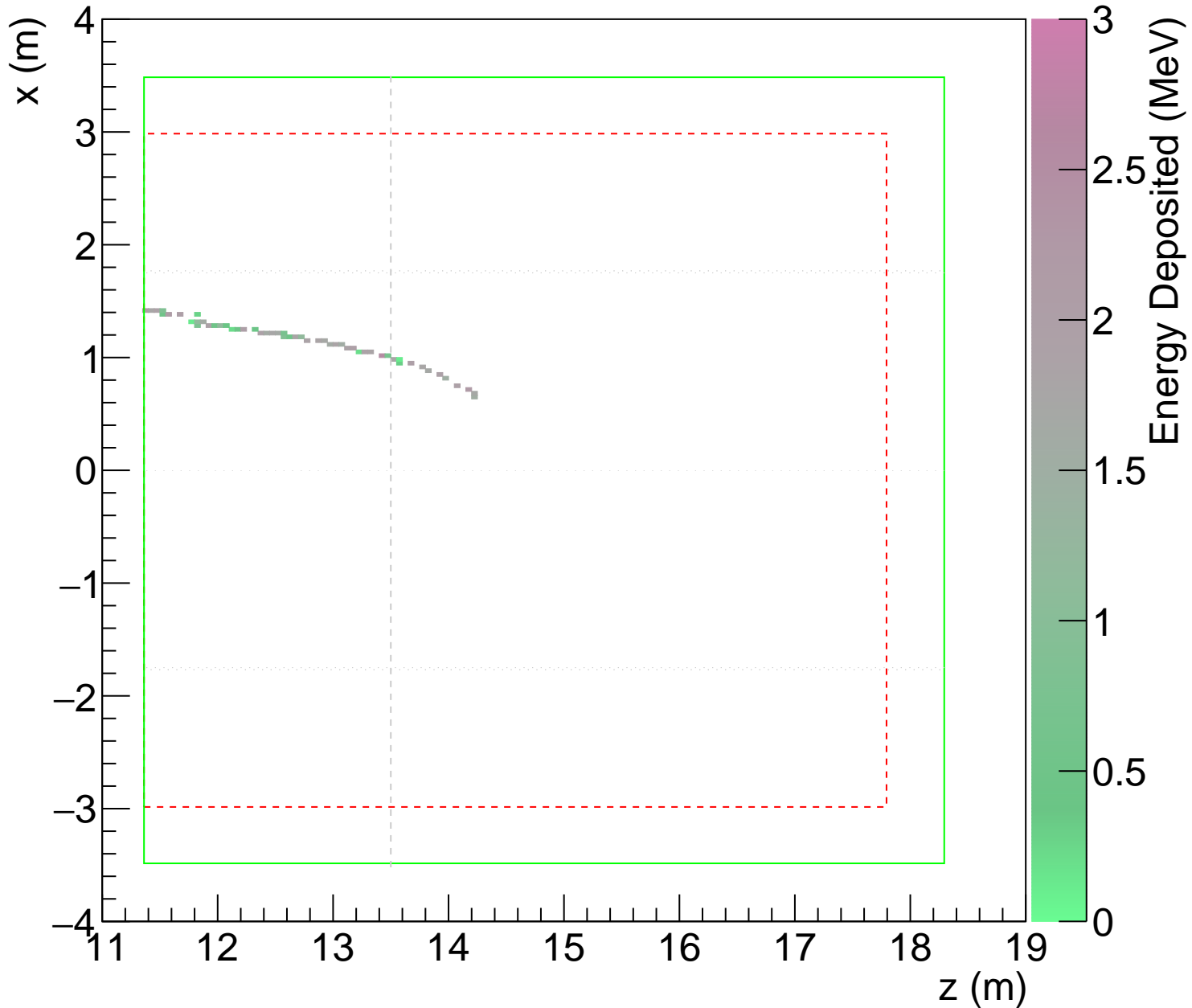


# Event 480 reconstructed

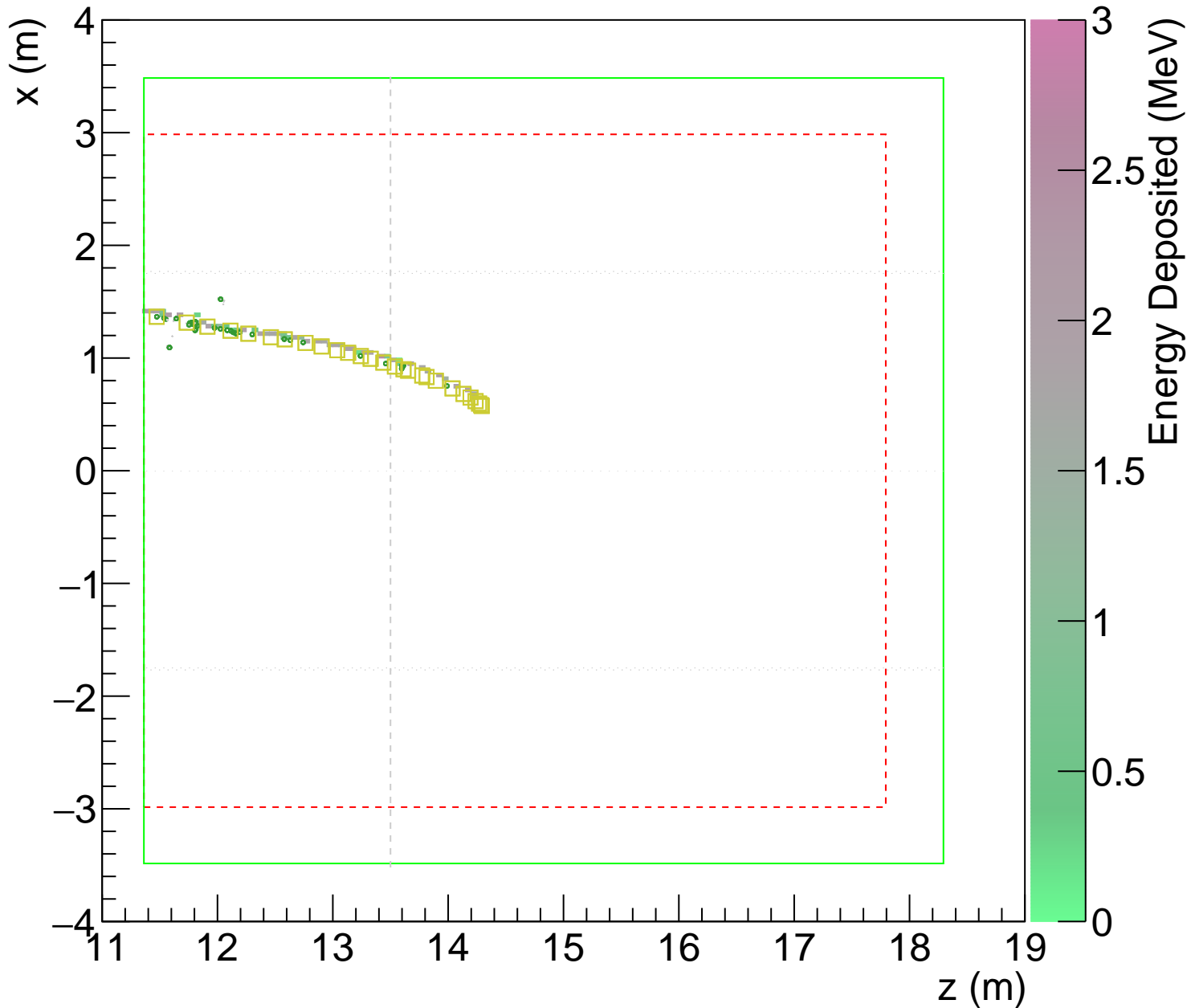
nLines: 1, nClusters: 1



Event 481, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.42$  GeV,  $E_{\mu}^{\text{true}}=1.84$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

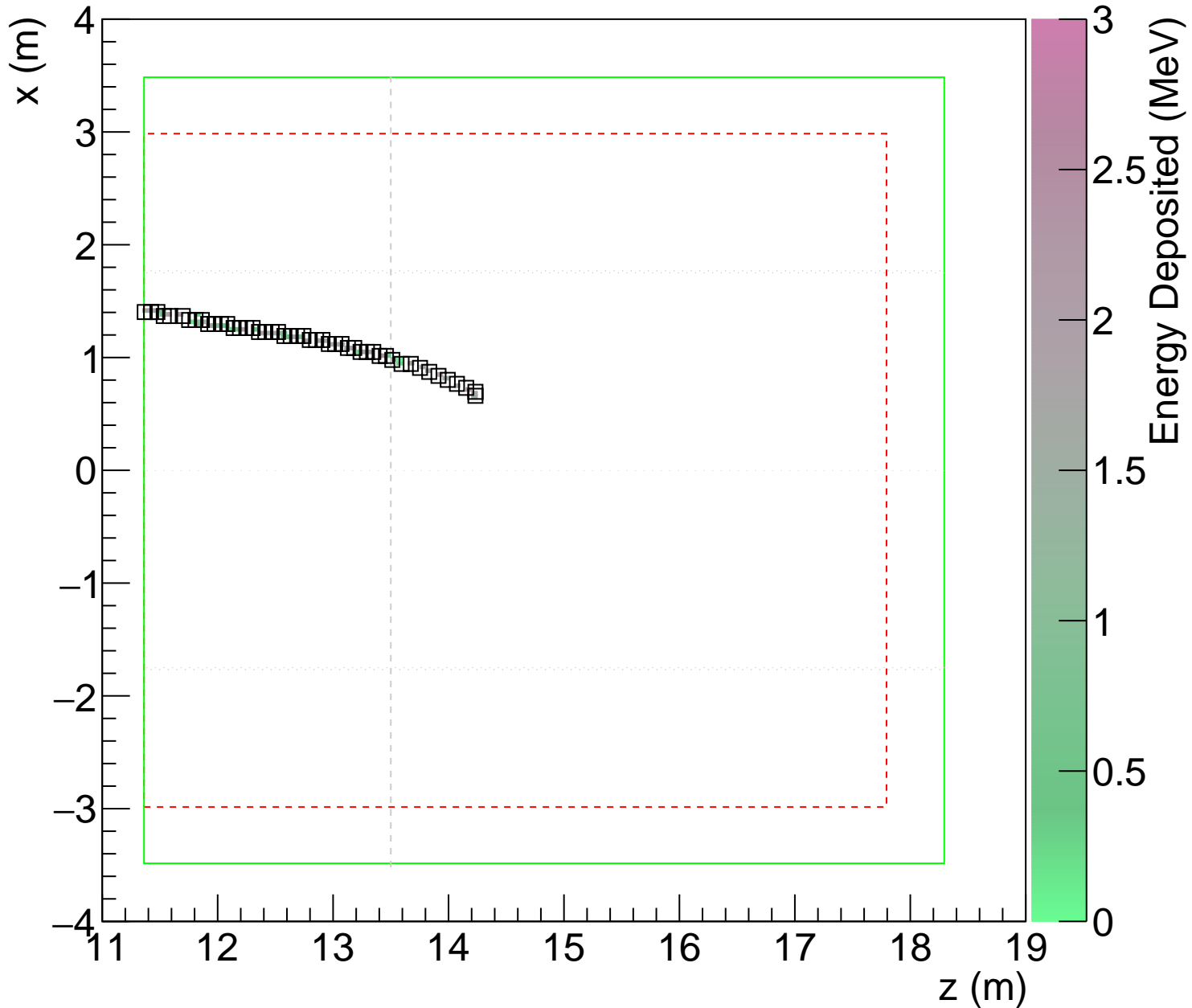


Event 481, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.42$  GeV,  $E_{\mu}^{\text{true}}=1.84$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

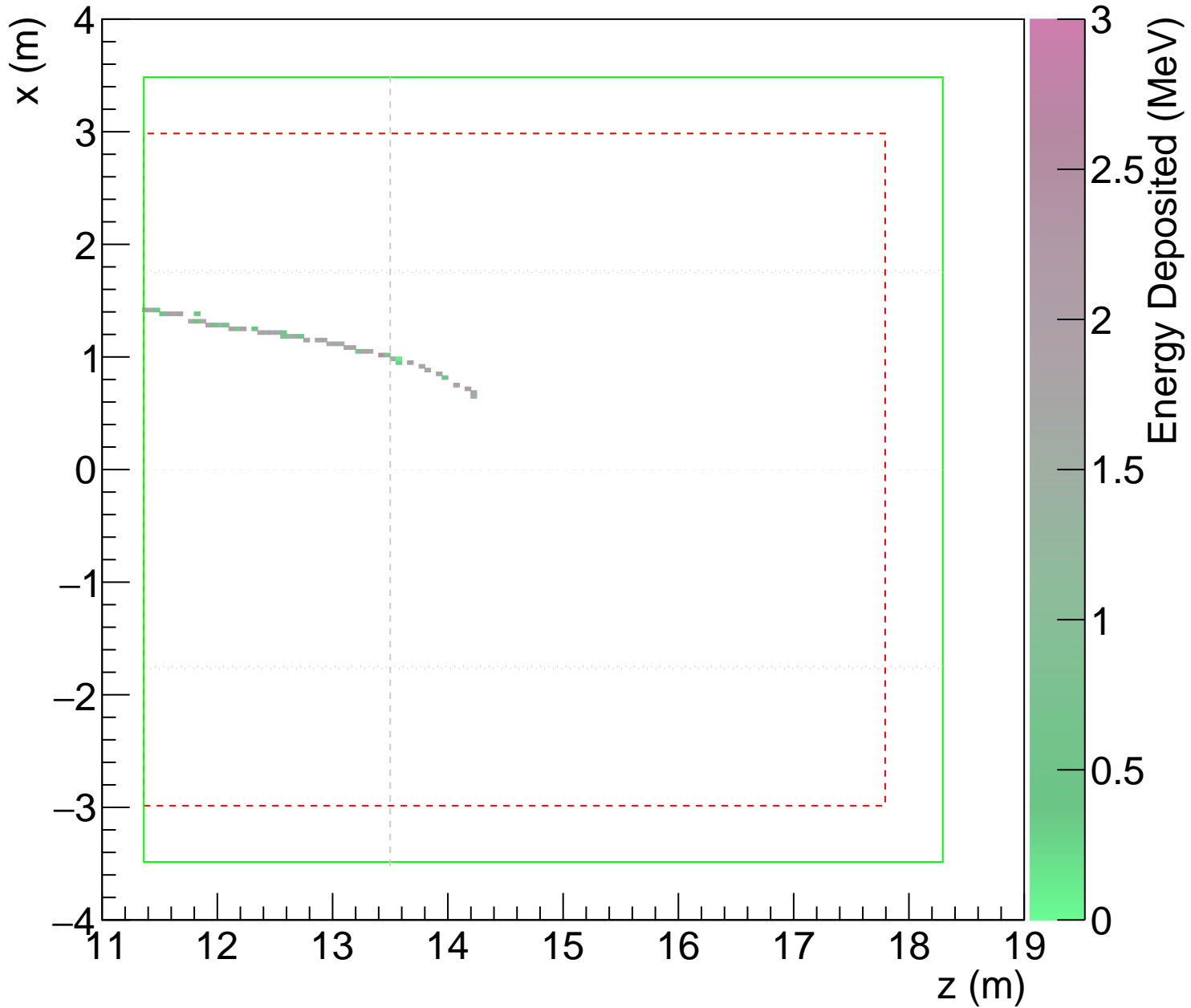


# Event 481 reconstructed

nLines: 1, nClusters: 0

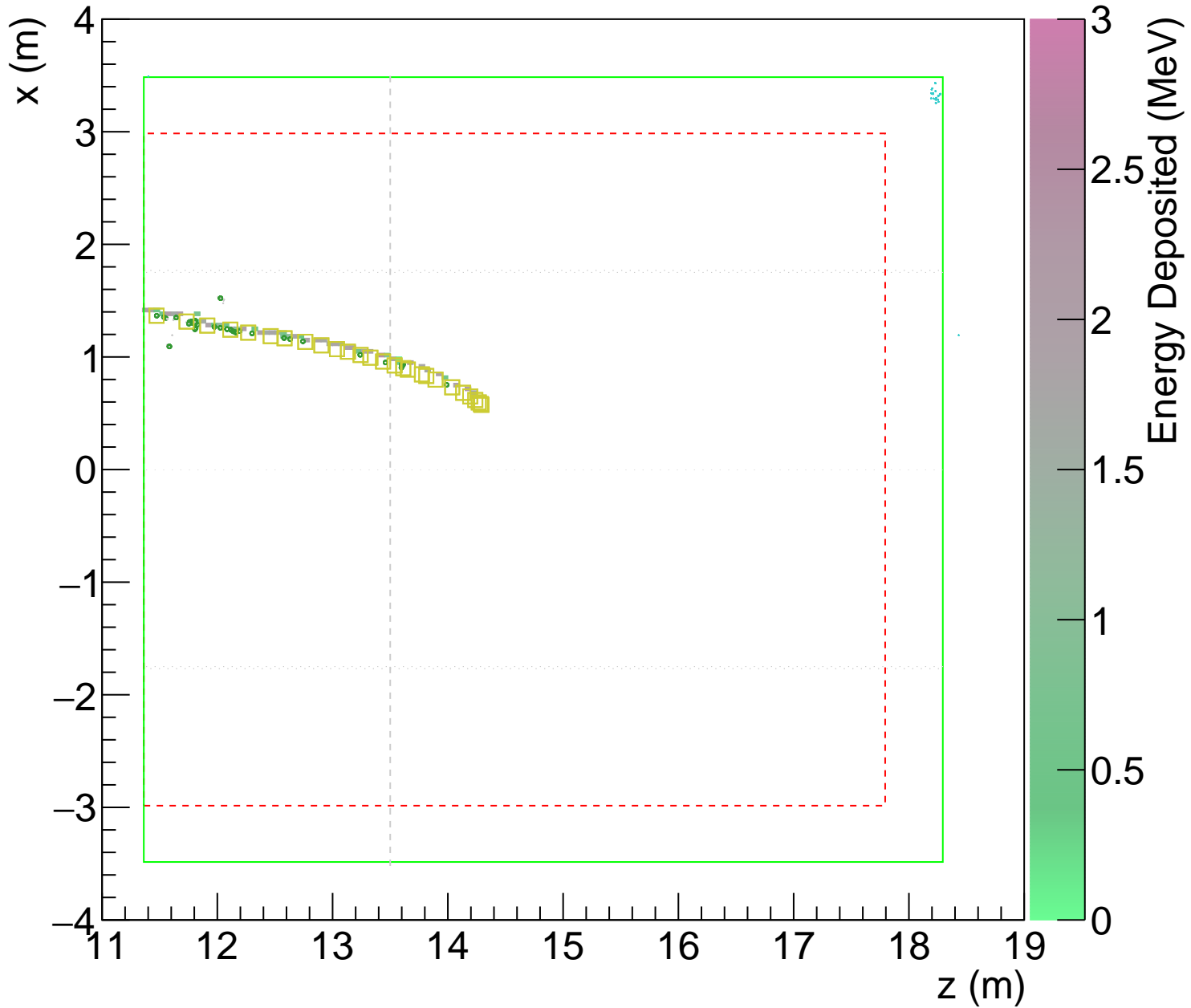


Event 482, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.25$  GeV,  $E_{\mu}^{\text{true}}=1.84$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,



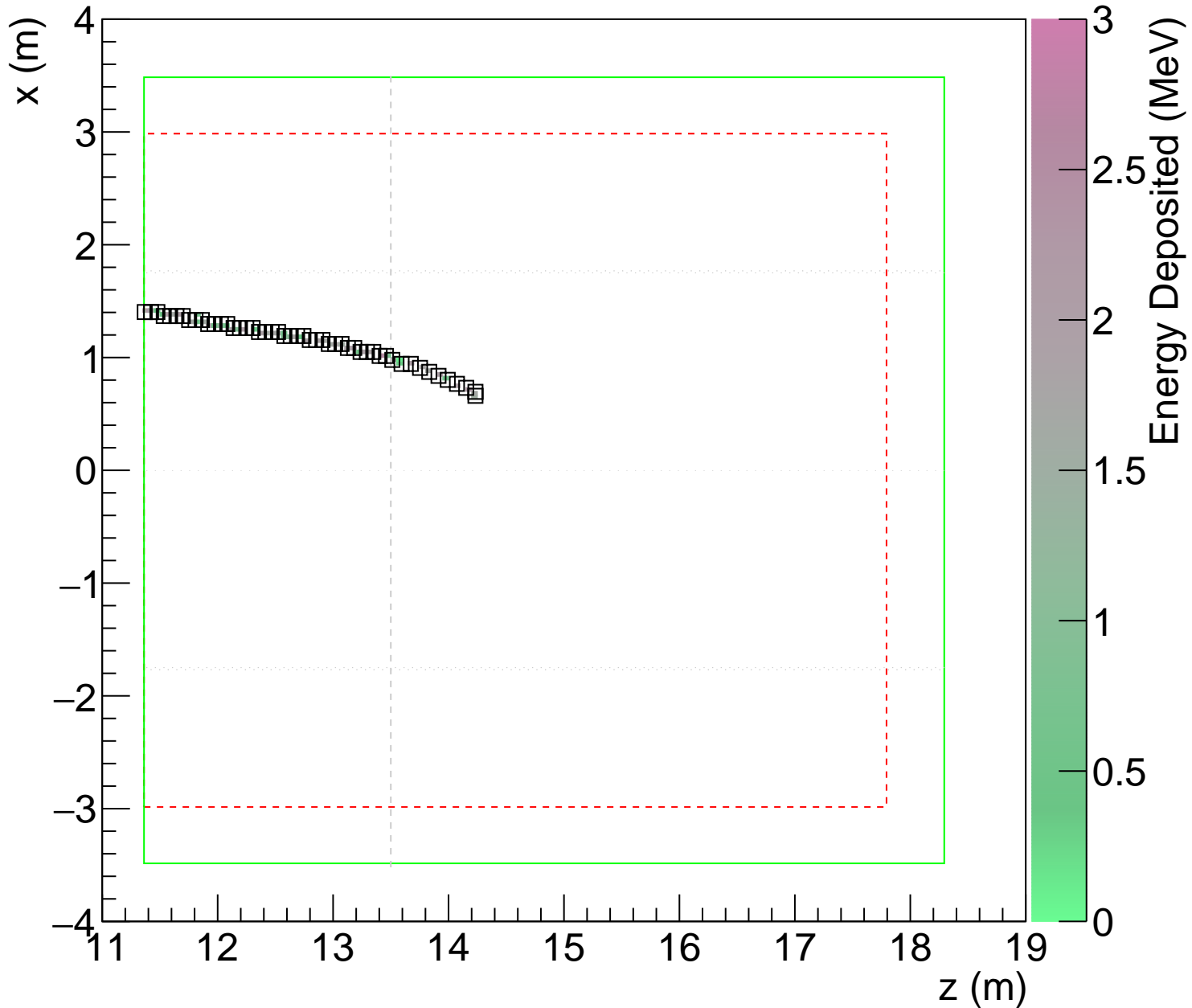


Event 482, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.25$  GeV,  $E_{\mu}^{\text{true}}=1.84$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:0,

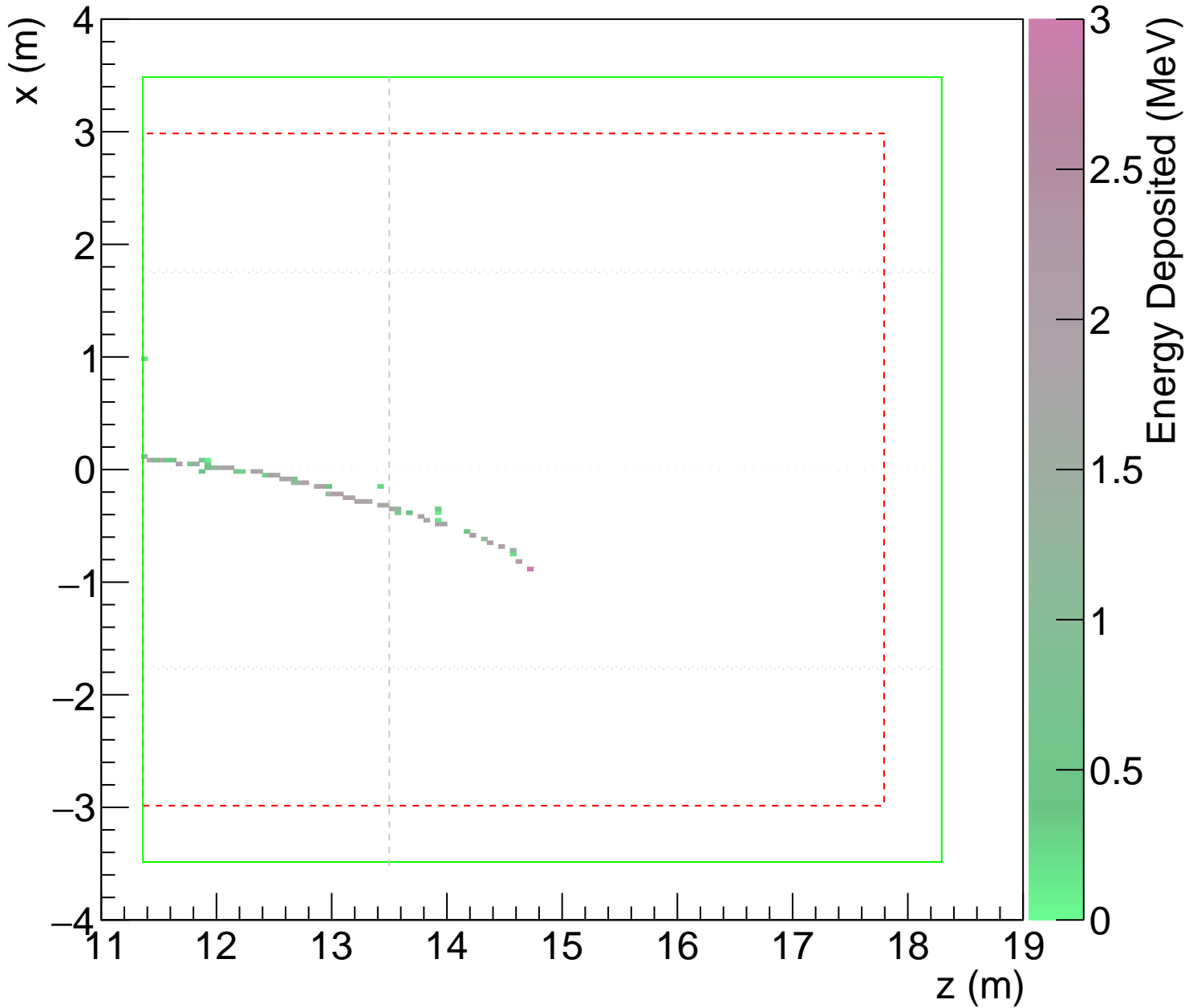


# Event 482 reconstructed

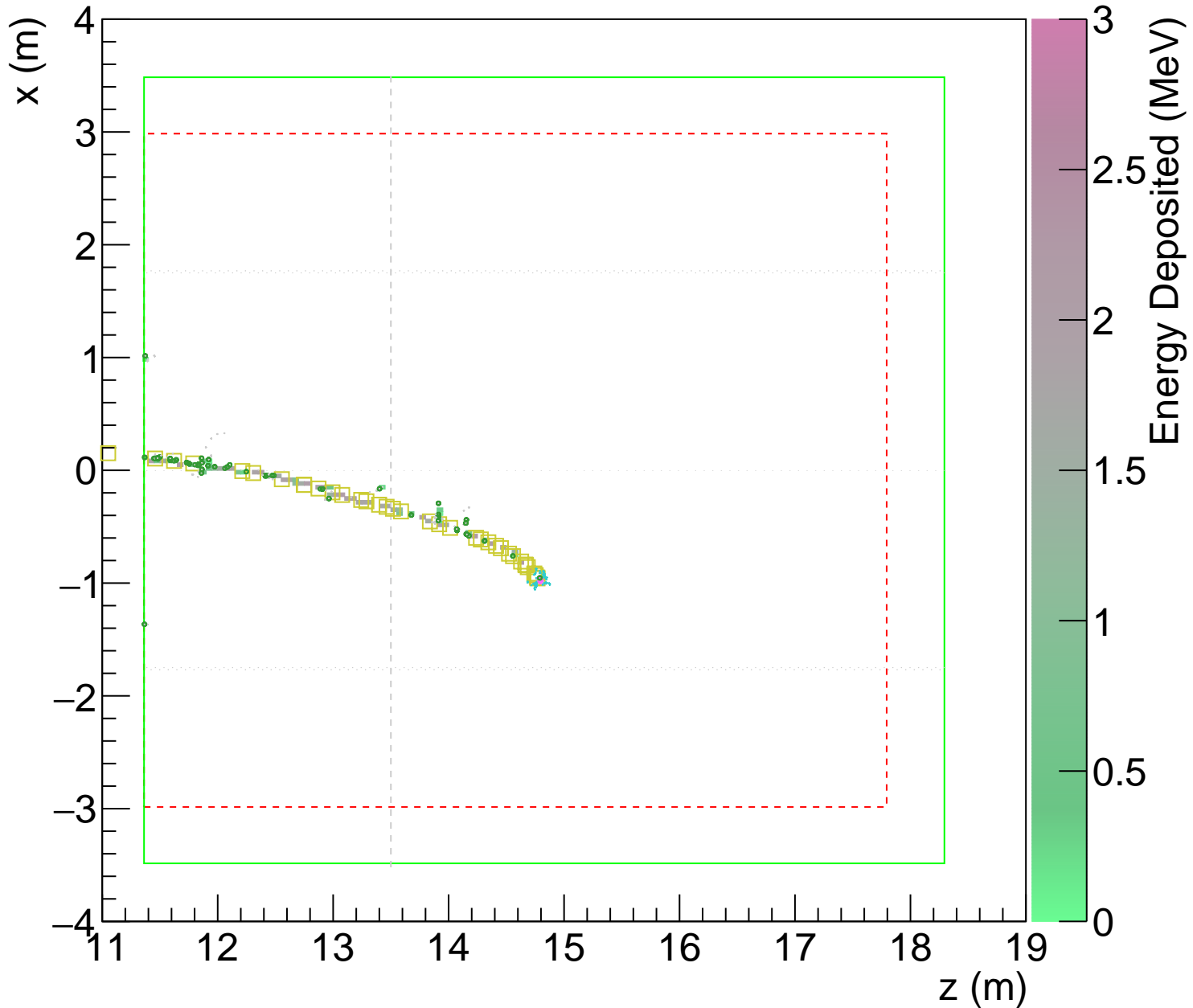
nLines: 1, nClusters: 0



Event 483, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.62$  GeV,  $E_{\mu}^{\text{true}}=2.79$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

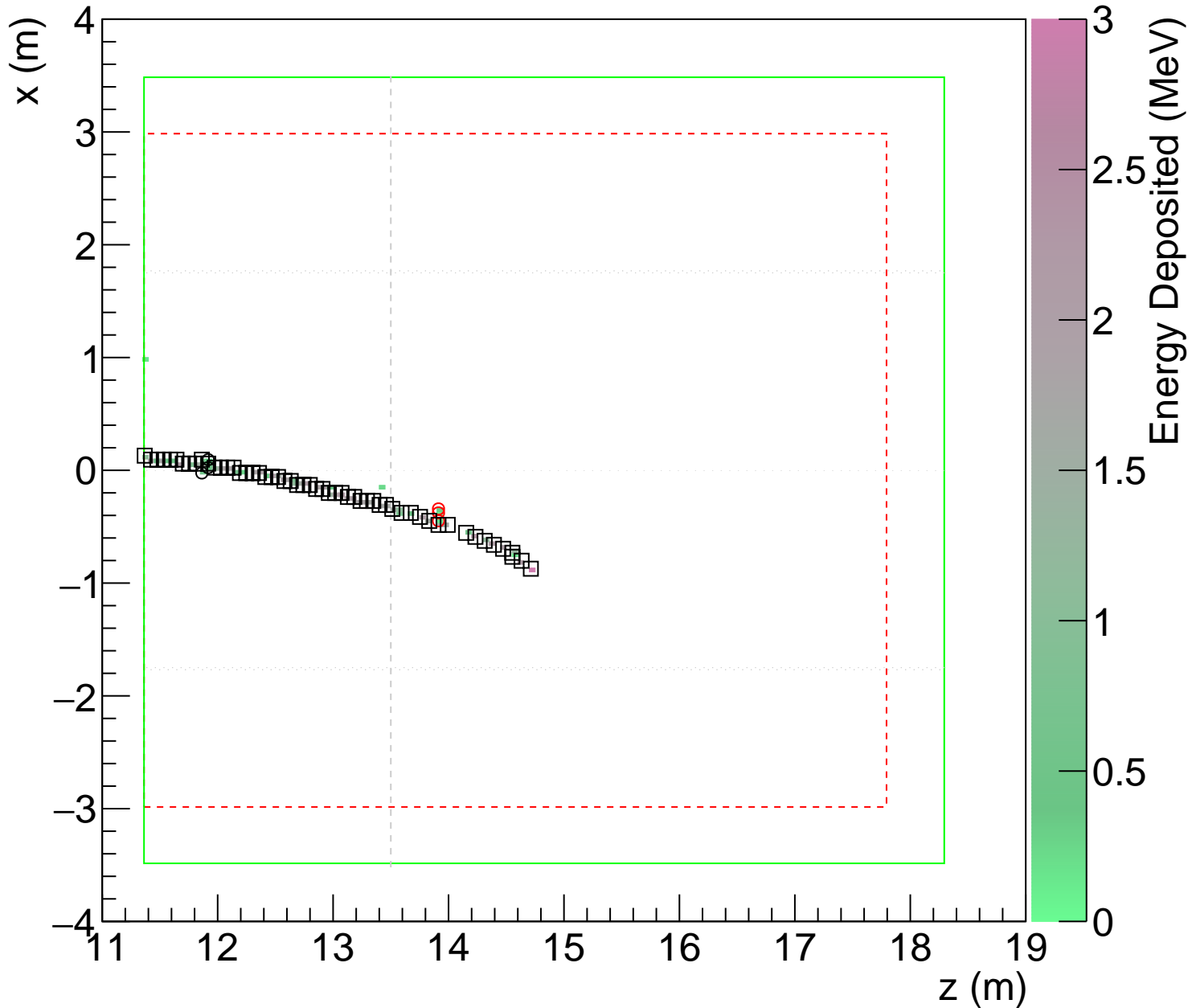


Event 483, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=8.62$  GeV,  $E_{\mu}^{\text{true}}=2.79$  GeV  
nu:14,tgt:1000180400,N:2212,q:1(s),proc:Weak[CC],DIS,

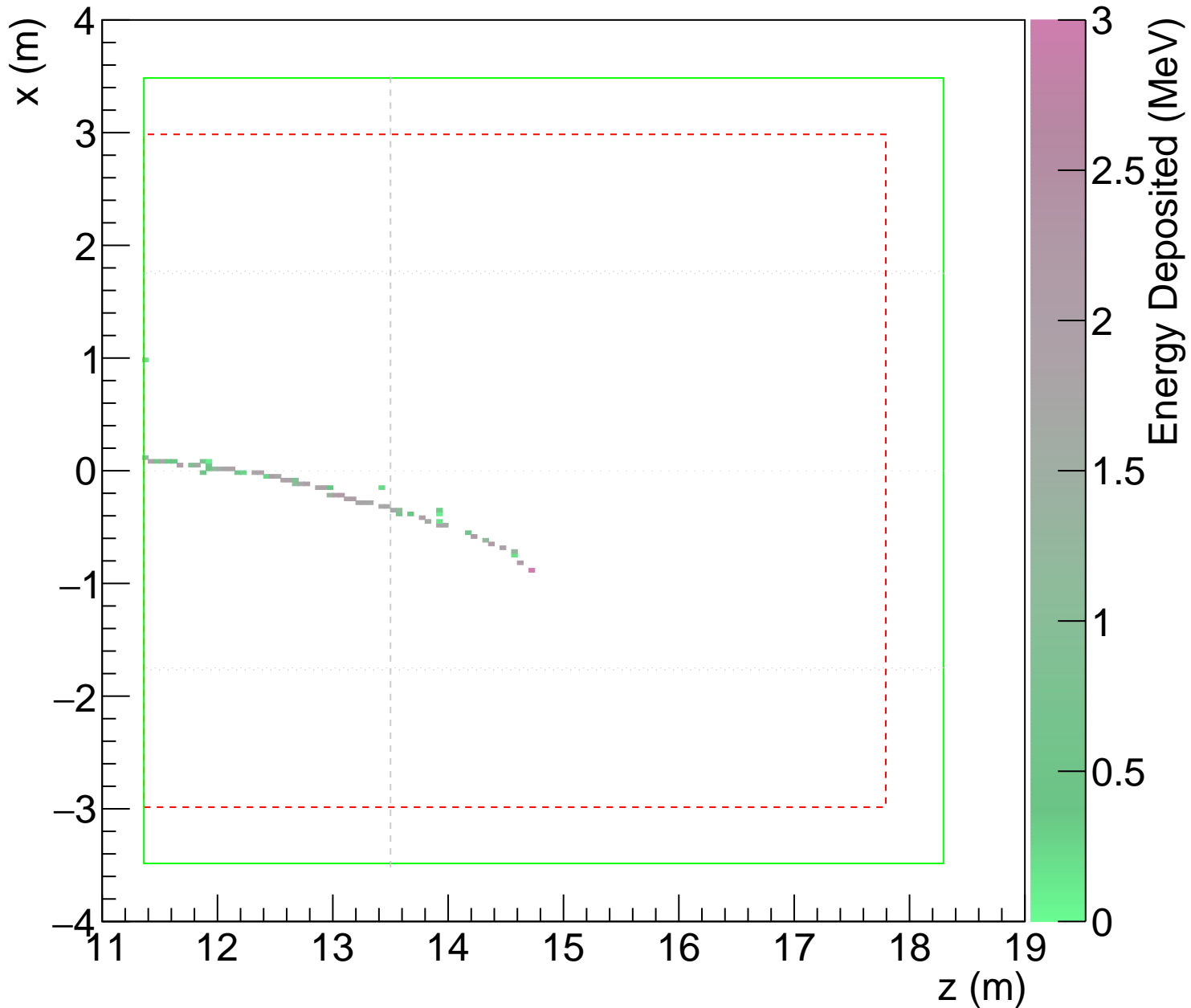


# Event 483 reconstructed

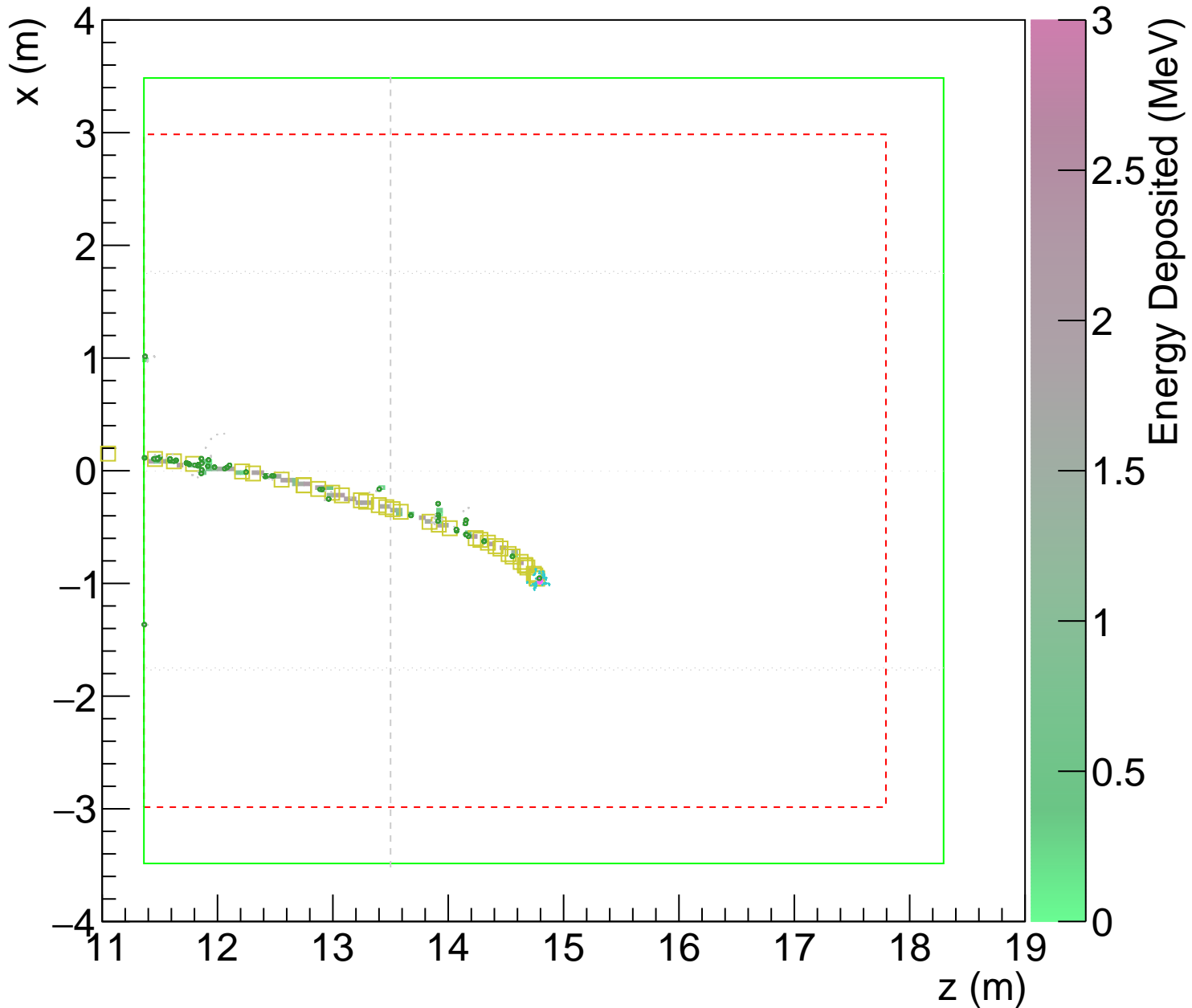
nLines: 1, nClusters: 2



Event 484, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.23$  GeV,  $E_{\mu}^{\text{true}}=2.79$  GeV  
nu:14,tgt:1000190390,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,

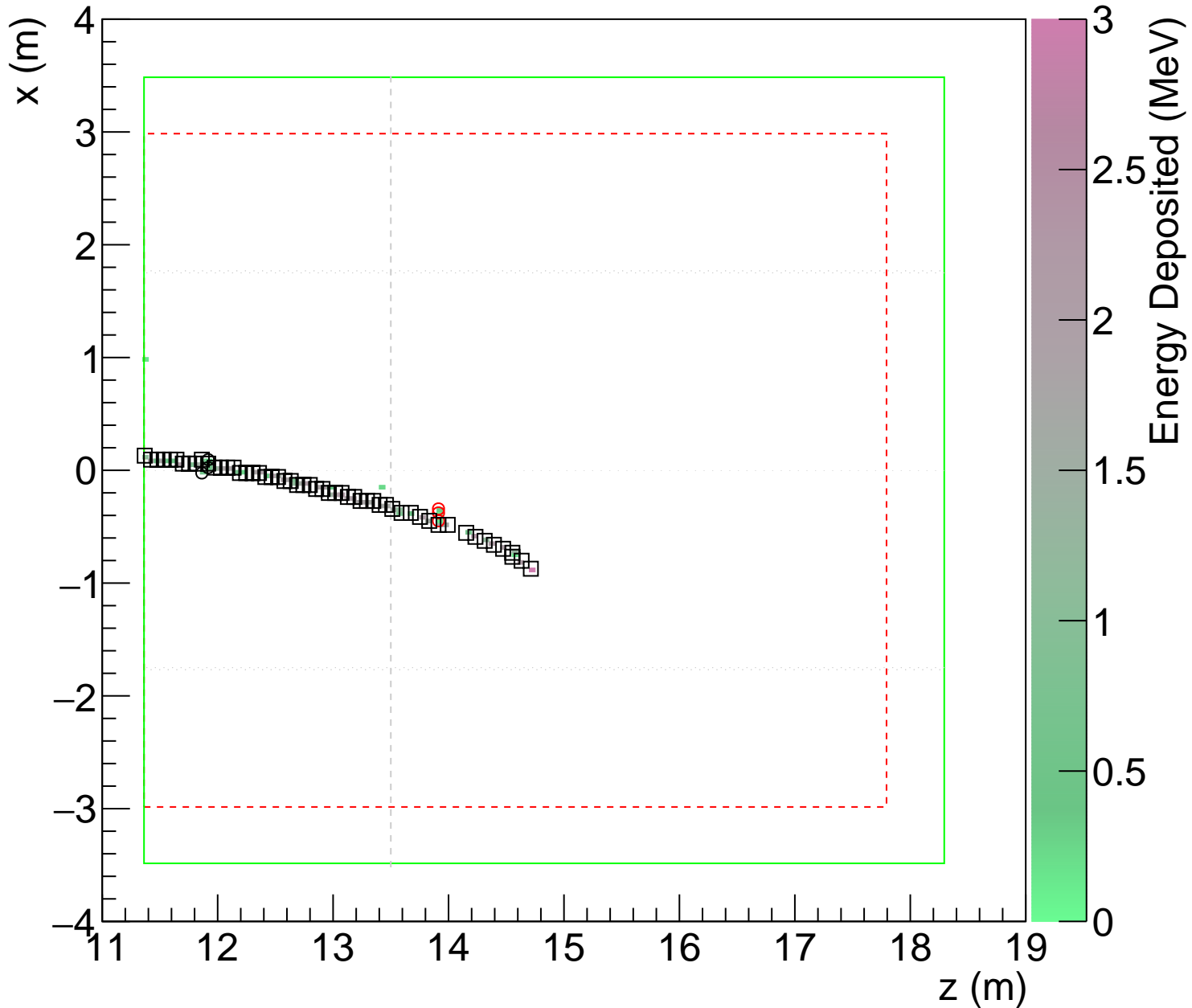


Event 484, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.23$  GeV,  $E_{\mu}^{\text{true}}=2.79$  GeV  
nu:14,tgt:1000190390,N:2212,q:1( $\nu$ ),proc:Weak[NC],DIS,



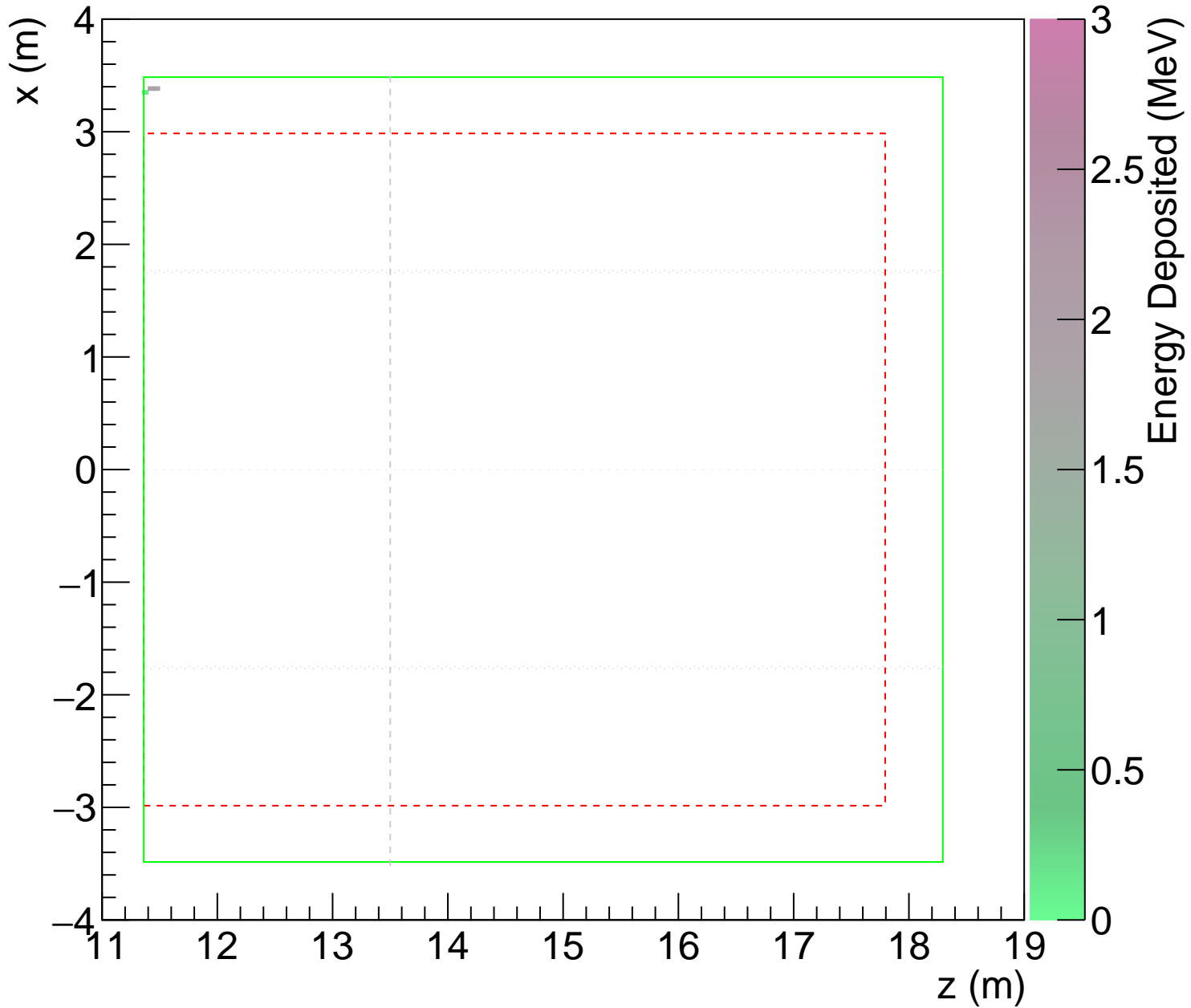
# Event 484 reconstructed

nLines: 1, nClusters: 2

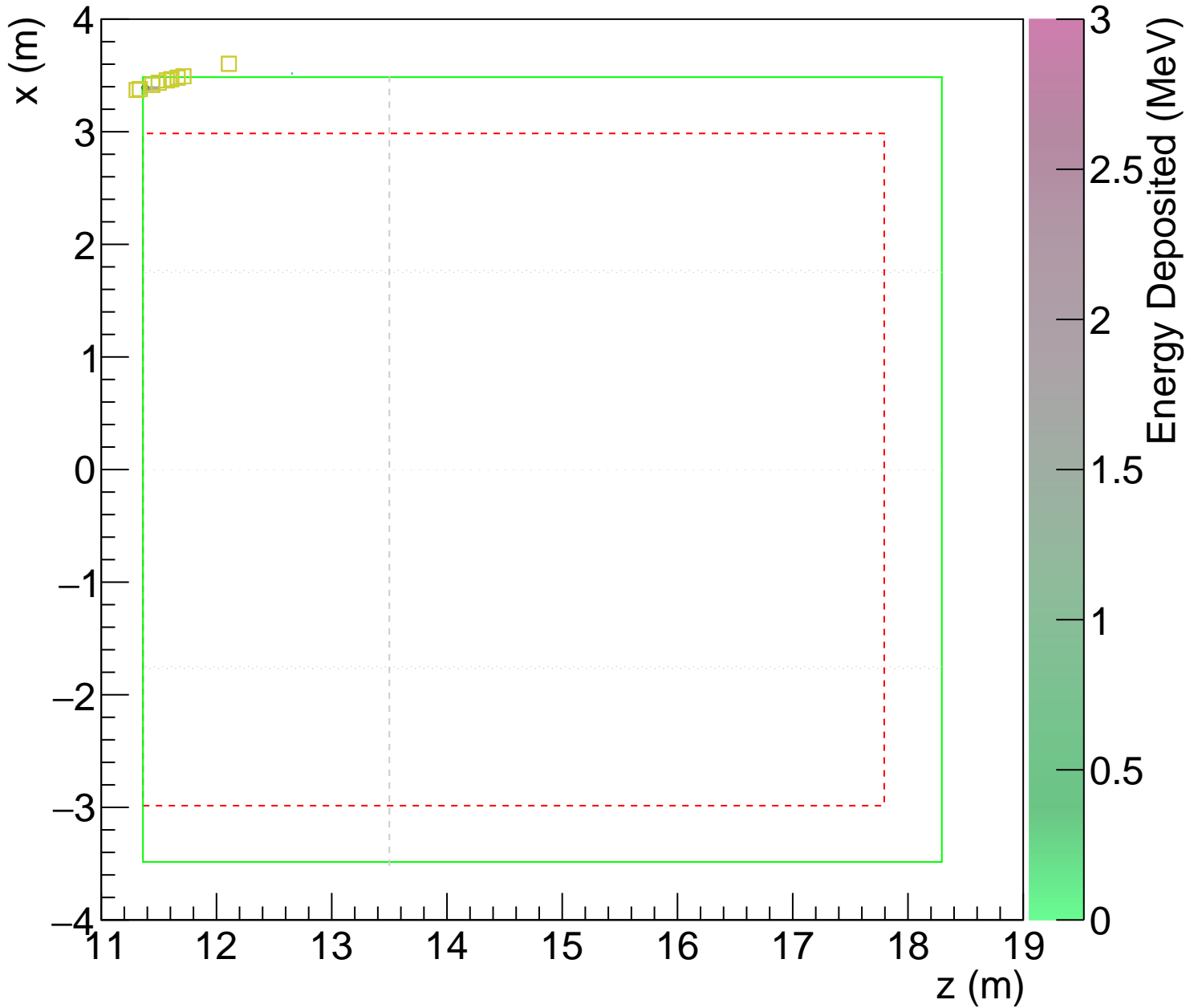




Event 485, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.12$  GeV,  $E_{\mu}^{\text{true}}=0.98$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:8,

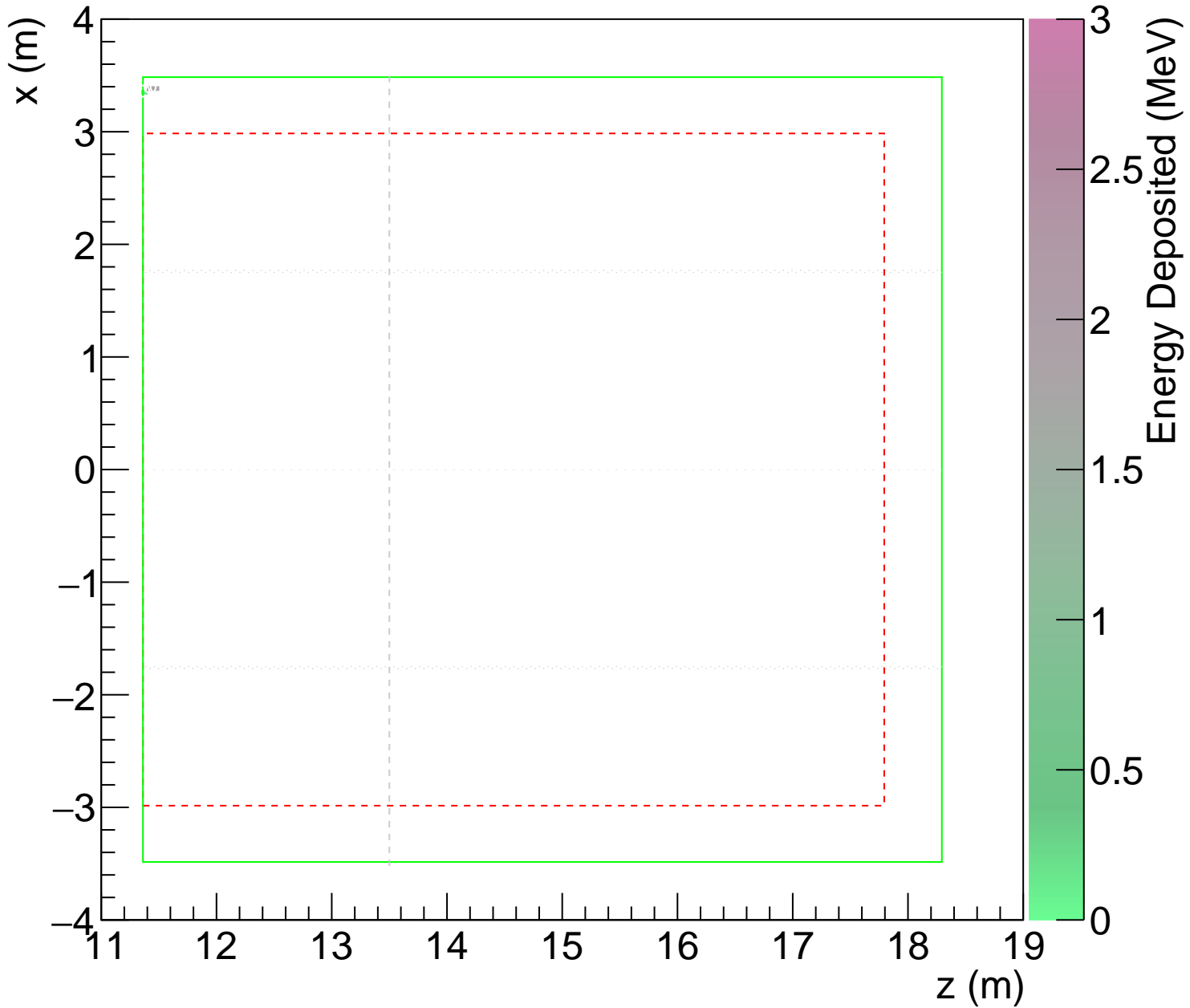


Event 485, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.12$  GeV,  $E_{\mu}^{\text{true}}=0.98$  GeV  
nu:14,tgt:1000180400,N:2112,proc:Weak[CC],RES,res:8,

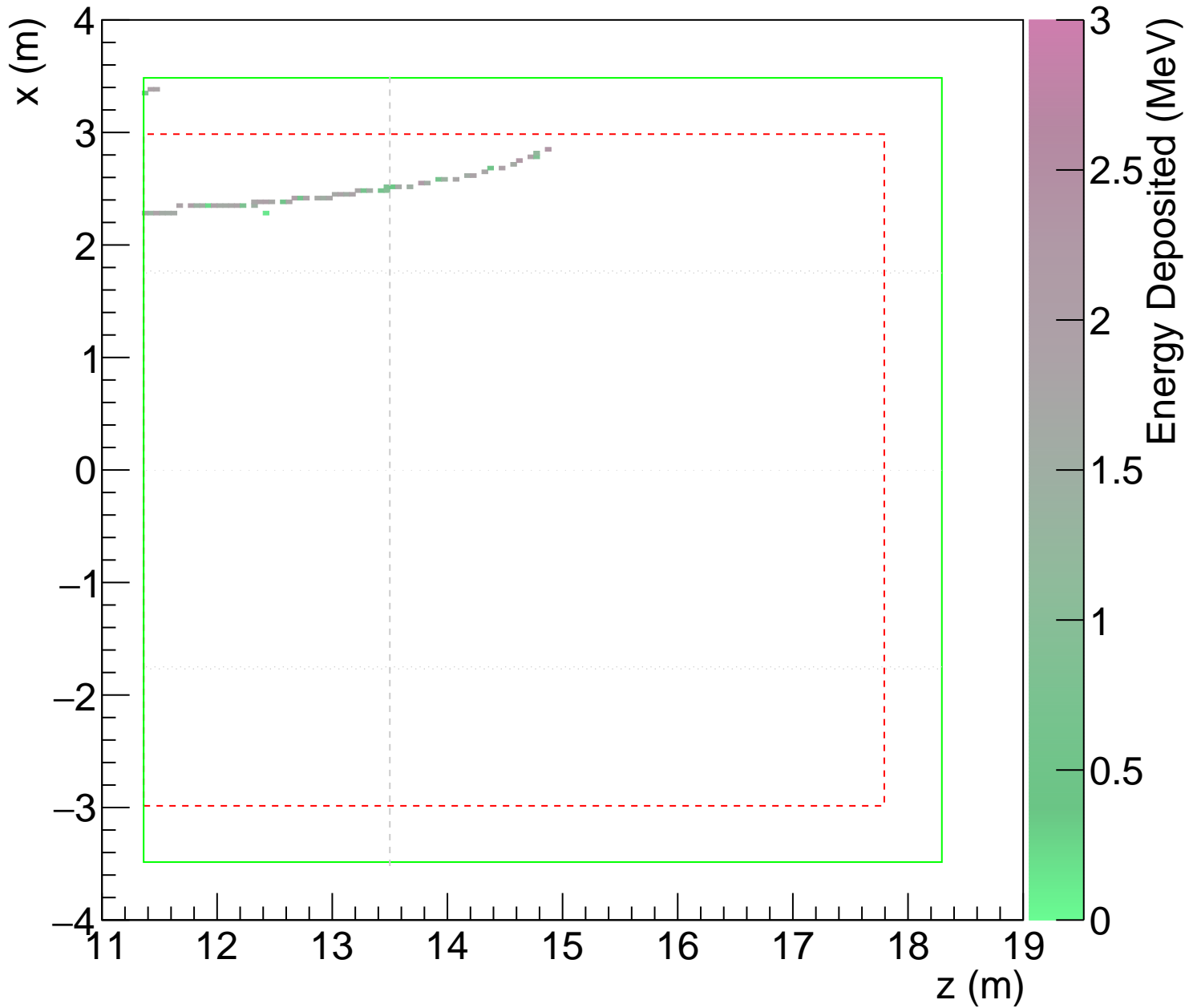


# Event 485 reconstructed

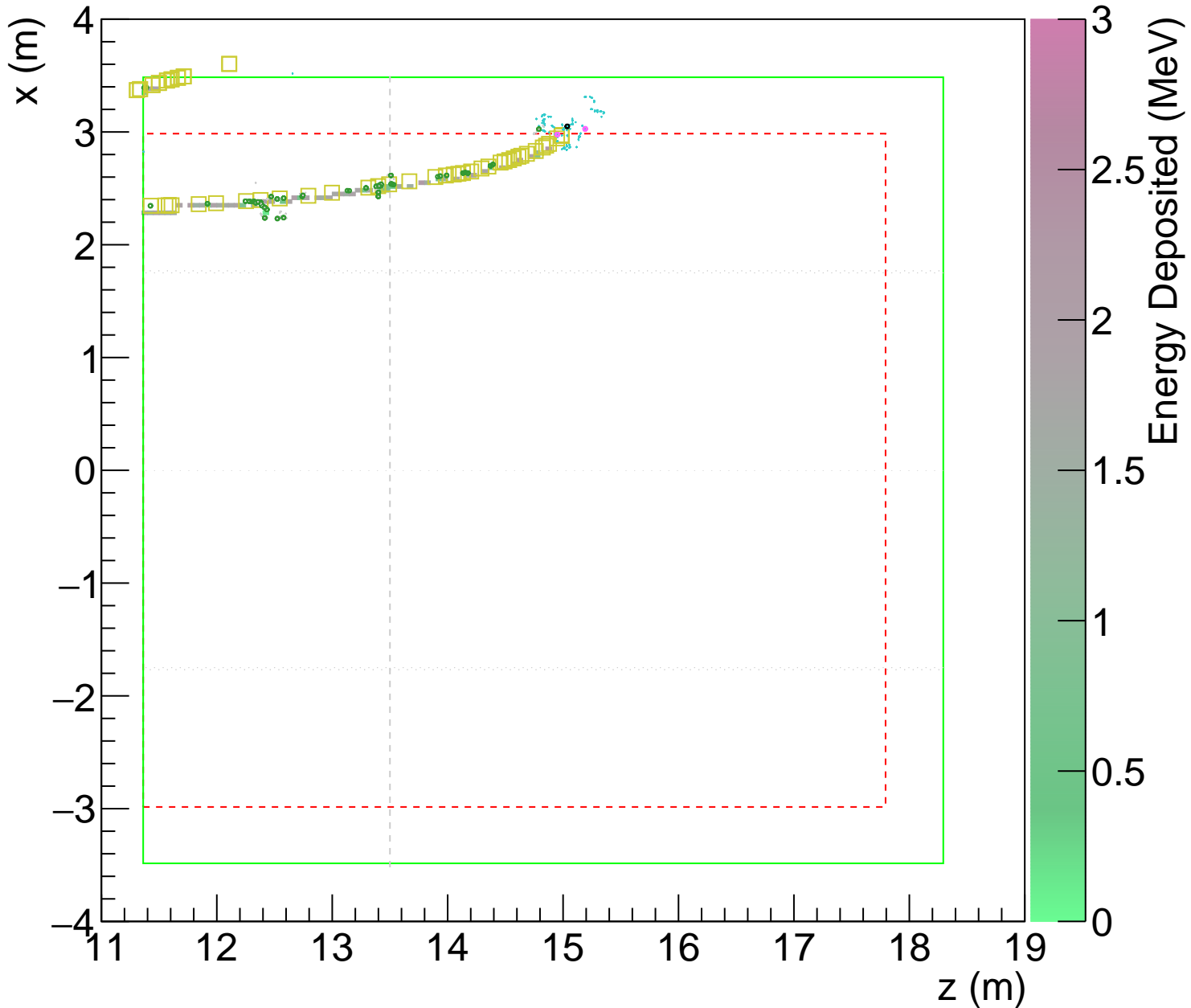
nLines: 0, nClusters: 1



Event 486, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.84$  GeV,  $E_{\mu}^{\text{true}}=2.22$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:1,

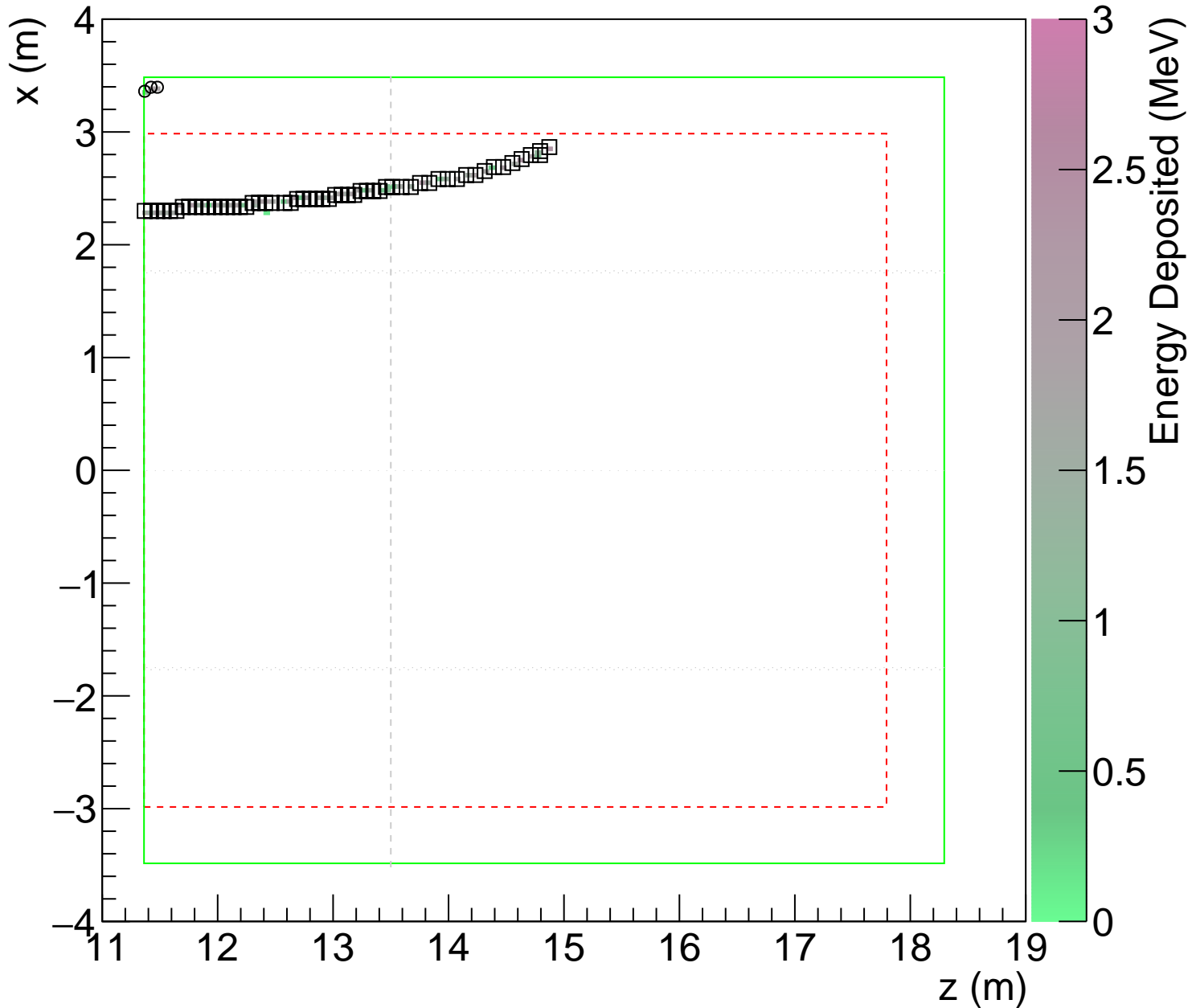


Event 486, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.84$  GeV,  $E_{\mu}^{\text{true}}=2.22$  GeV  
nu:14,tgt:1000140280,N:2112,proc:Weak[CC],RES,res:1,

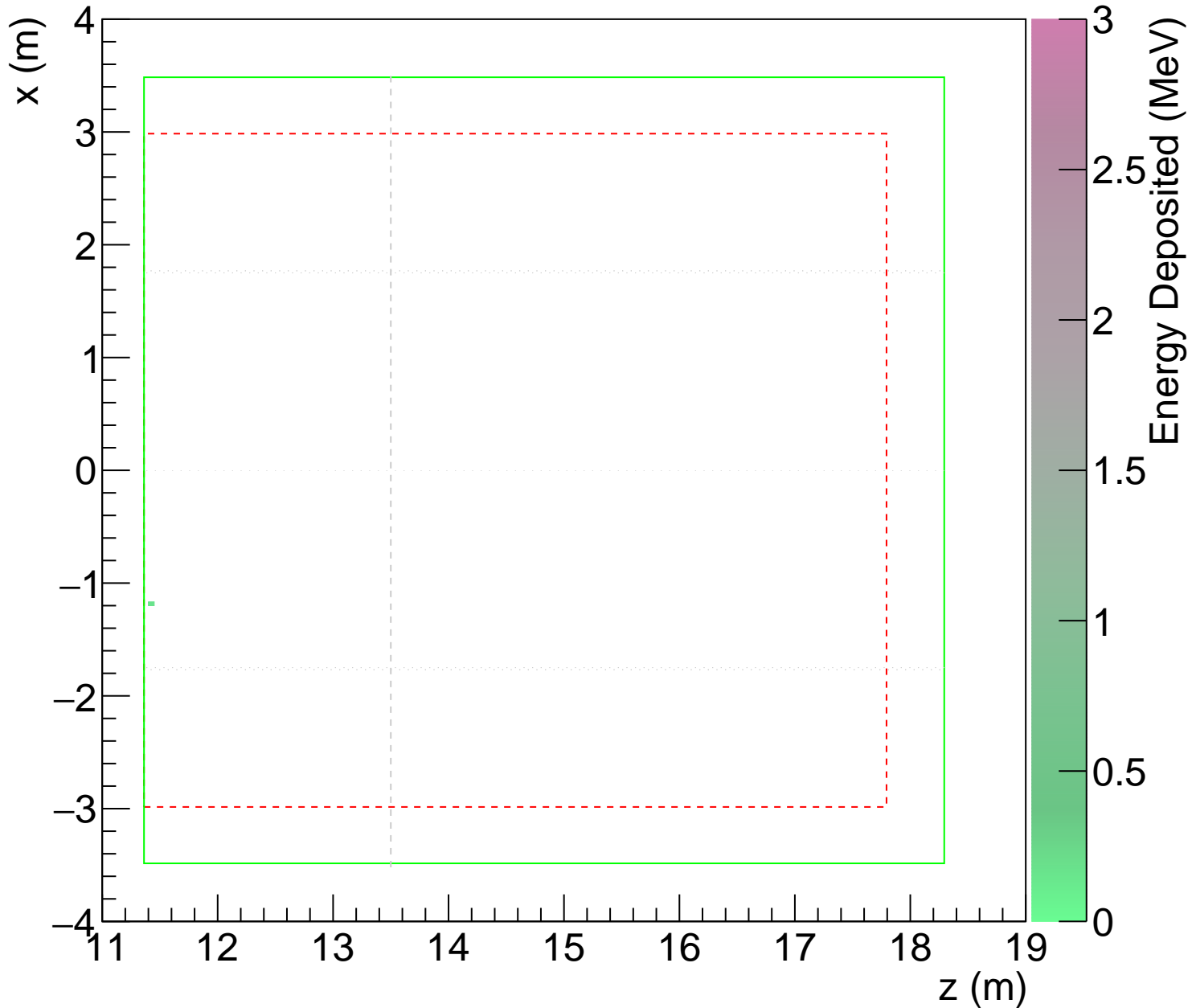


# Event 486 reconstructed

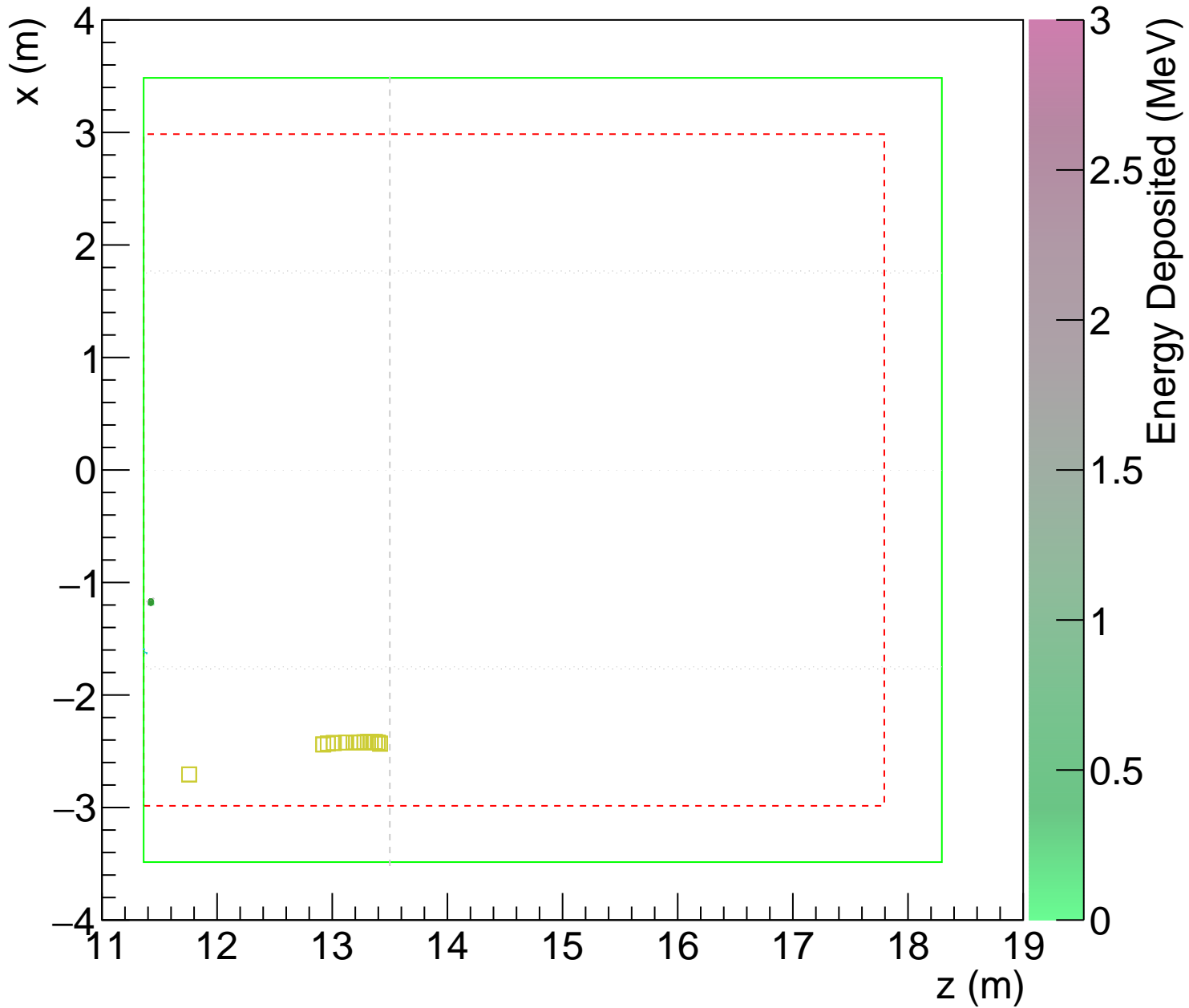
nLines: 1, nClusters: 1



Event 487, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.22$  GeV,  $E_{\mu}^{\text{true}}=1.02$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



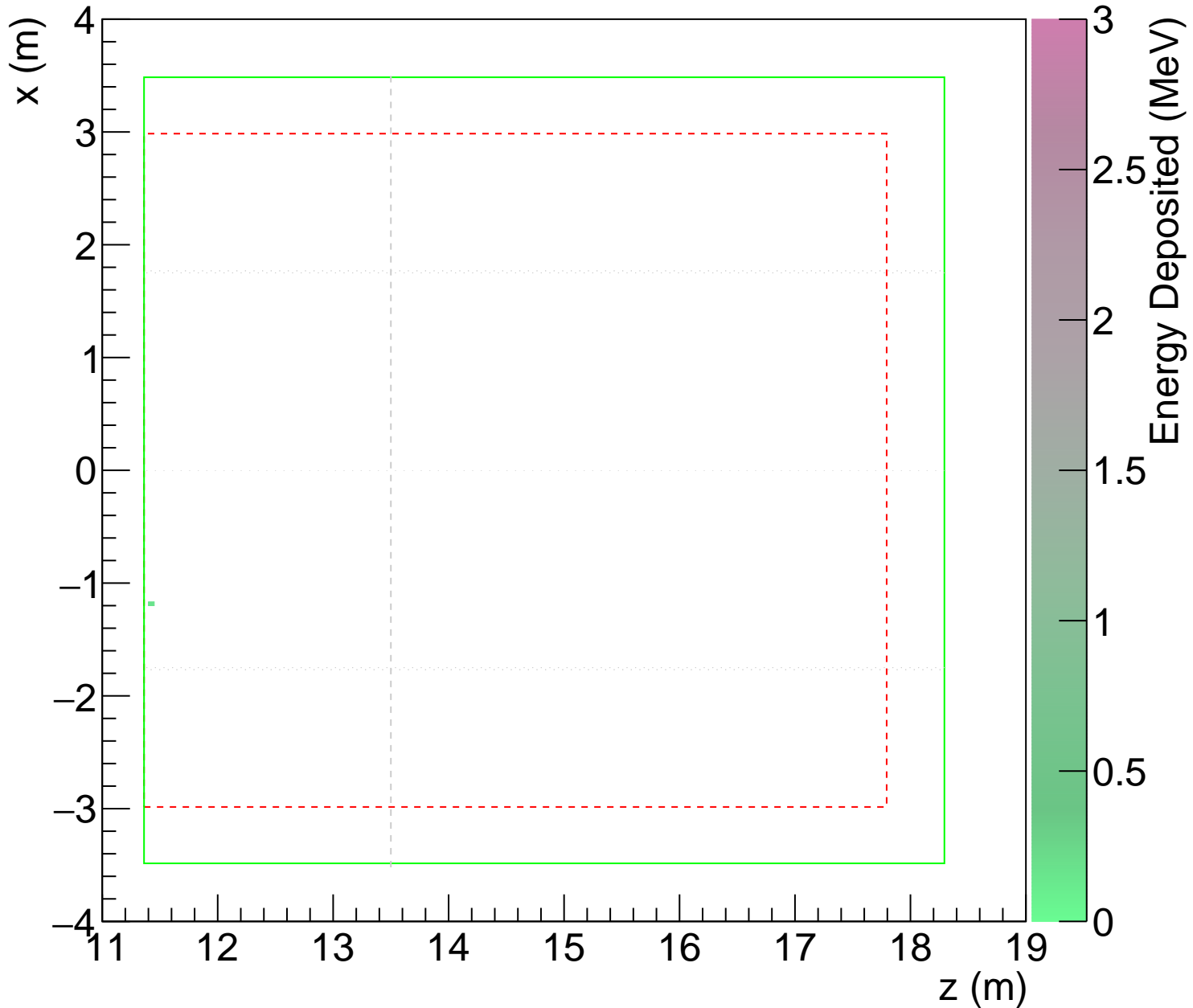
Event 487, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.22$  GeV,  $E_{\mu}^{\text{true}}=1.02$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,



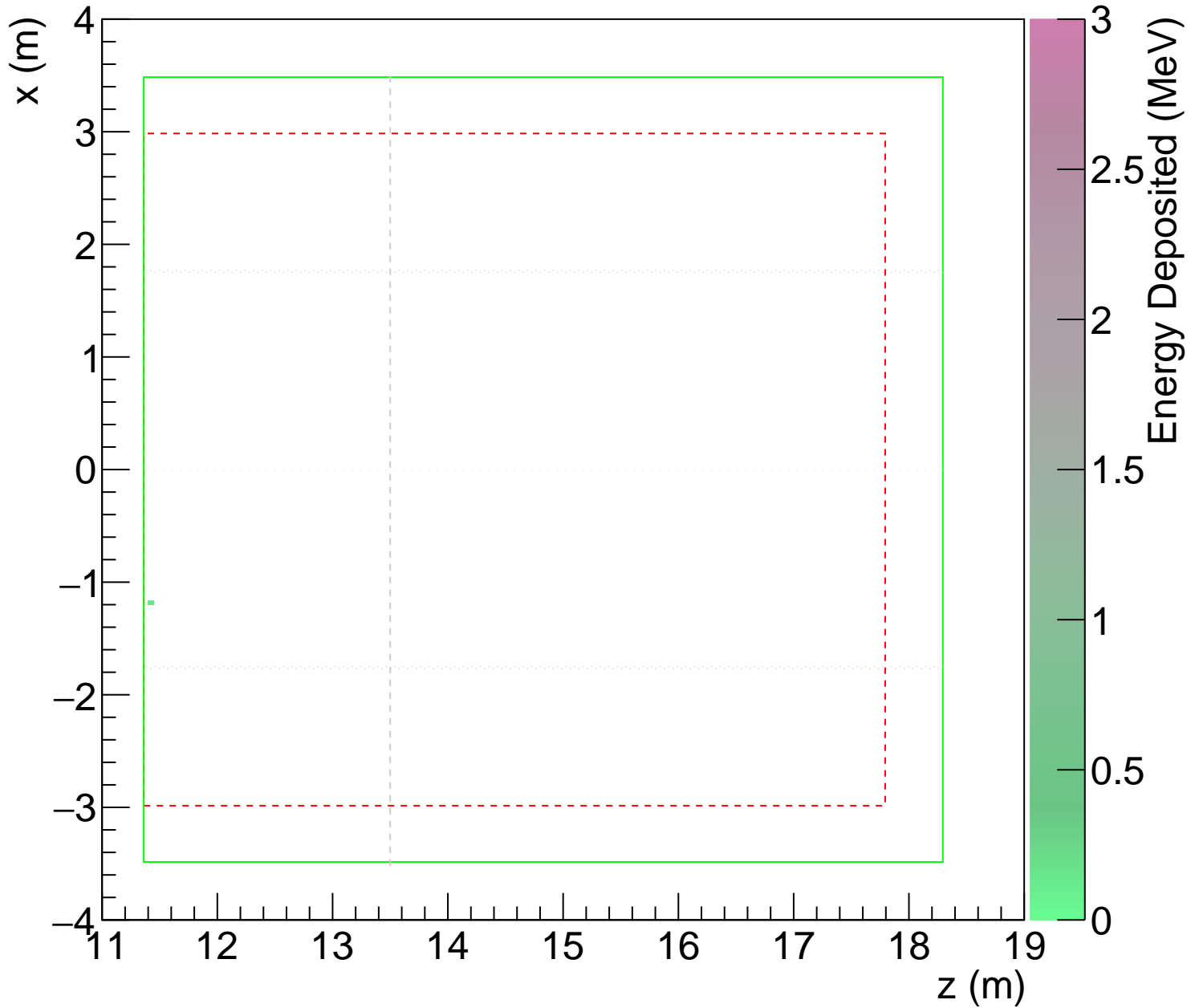


# Event 487 reconstructed

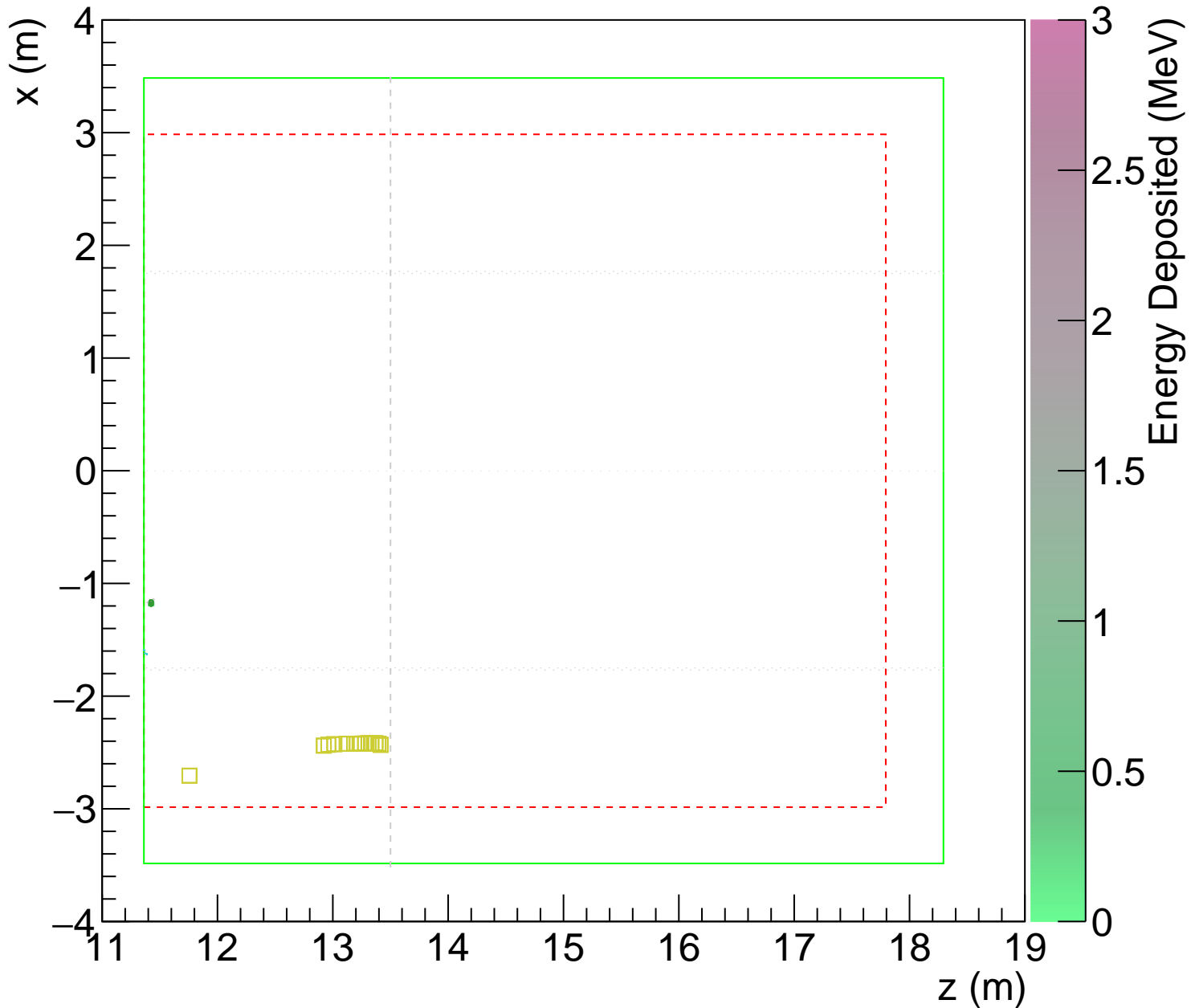
nLines: 0, nClusters: 0



Event 488, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.88$  GeV,  $E_{\mu}^{\text{true}}=1.02$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],QES,

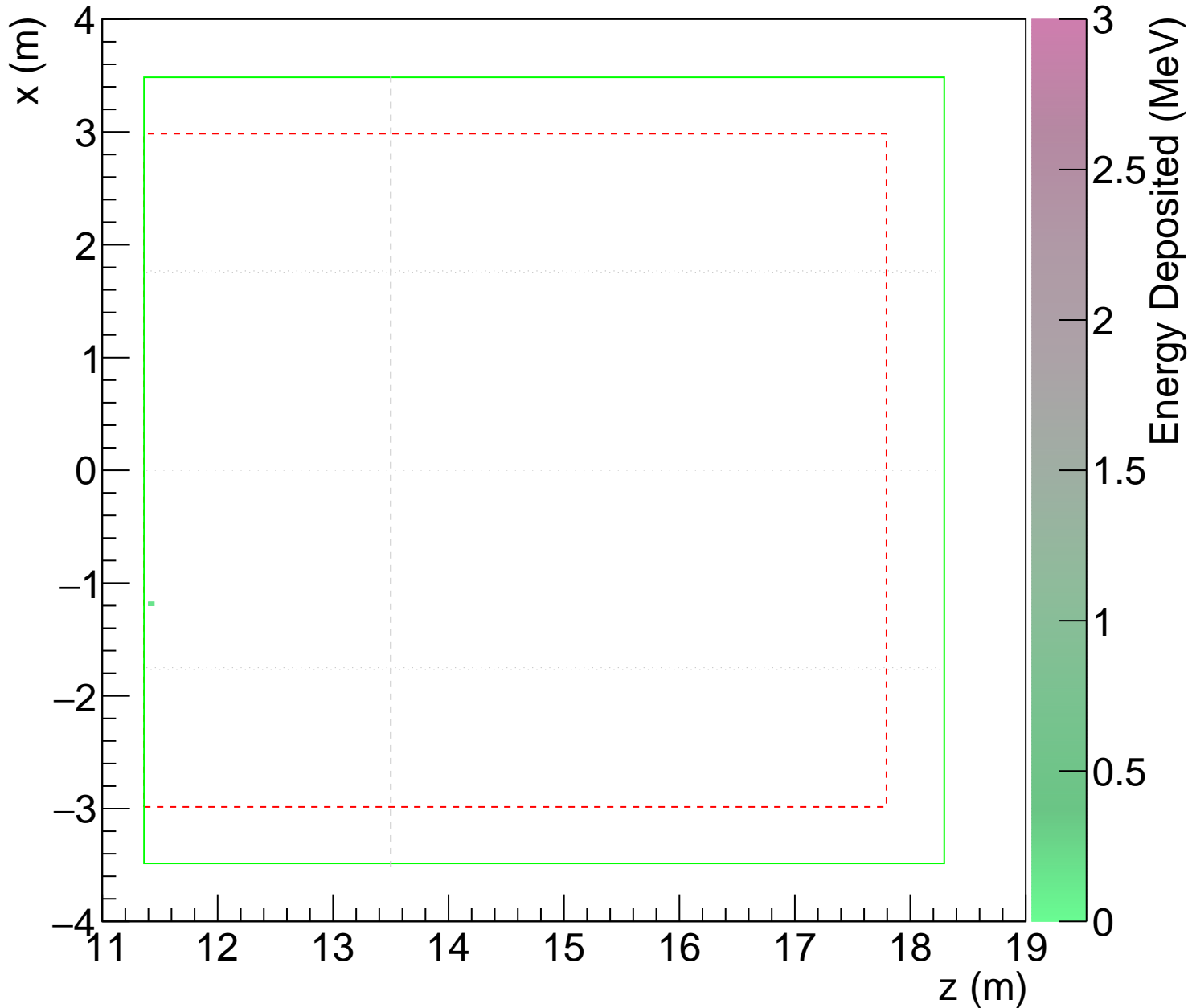


Event 488, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.88$  GeV,  $E_{\mu}^{\text{true}}=1.02$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],QES,

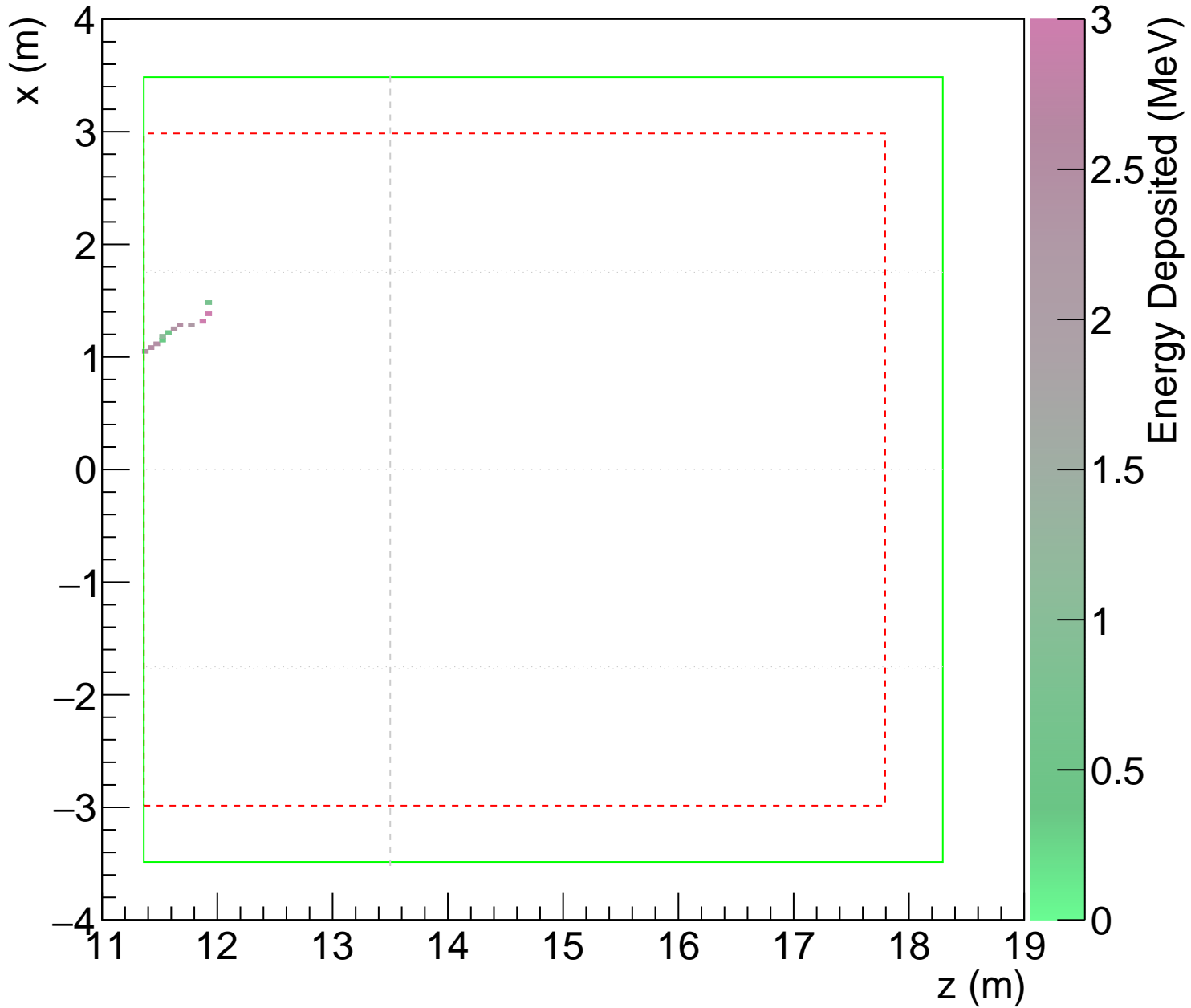


# Event 488 reconstructed

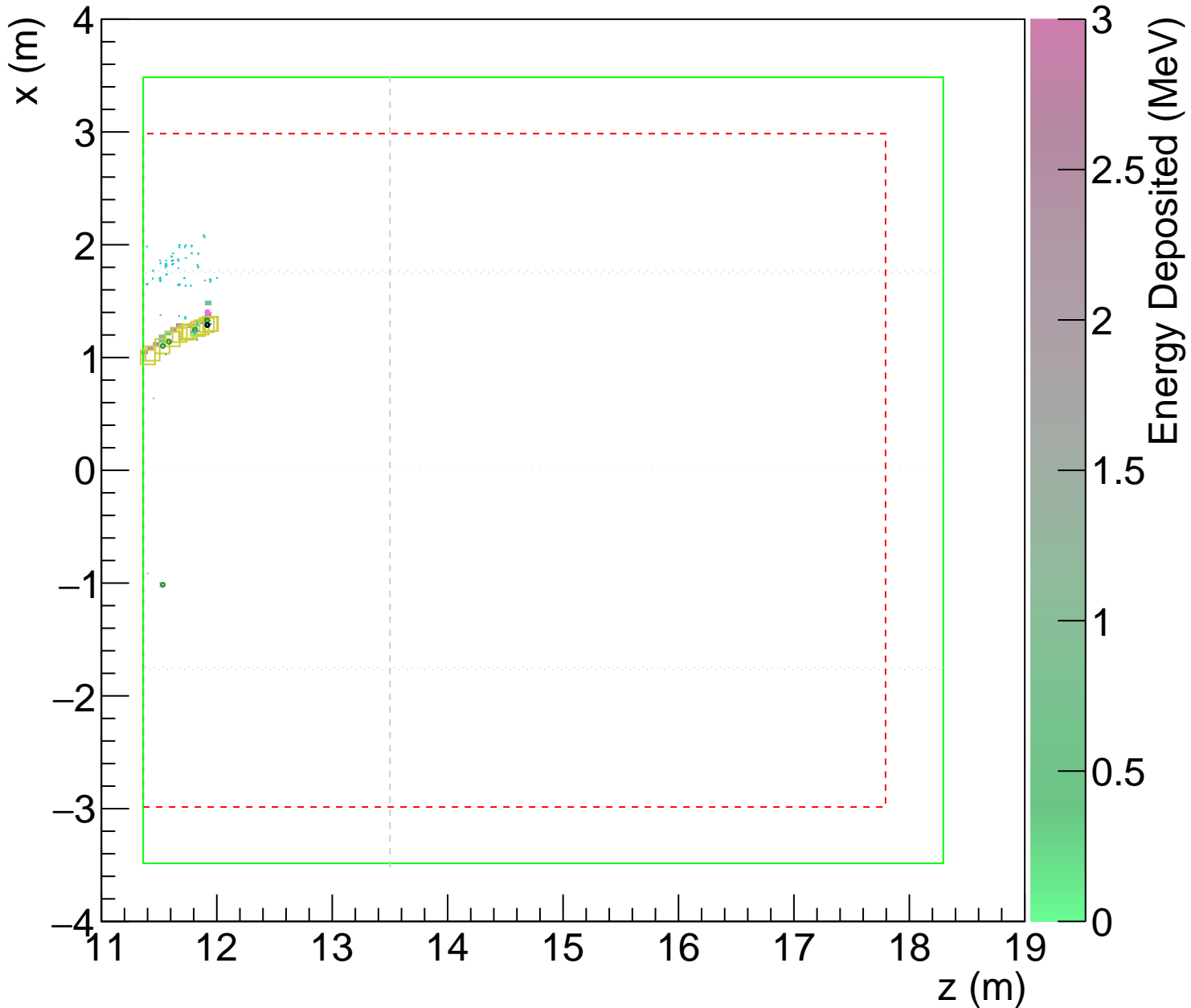
nLines: 0, nClusters: 0



Event 491, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.53$  GeV,  $E_{\mu}^{\text{true}}=0.85$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

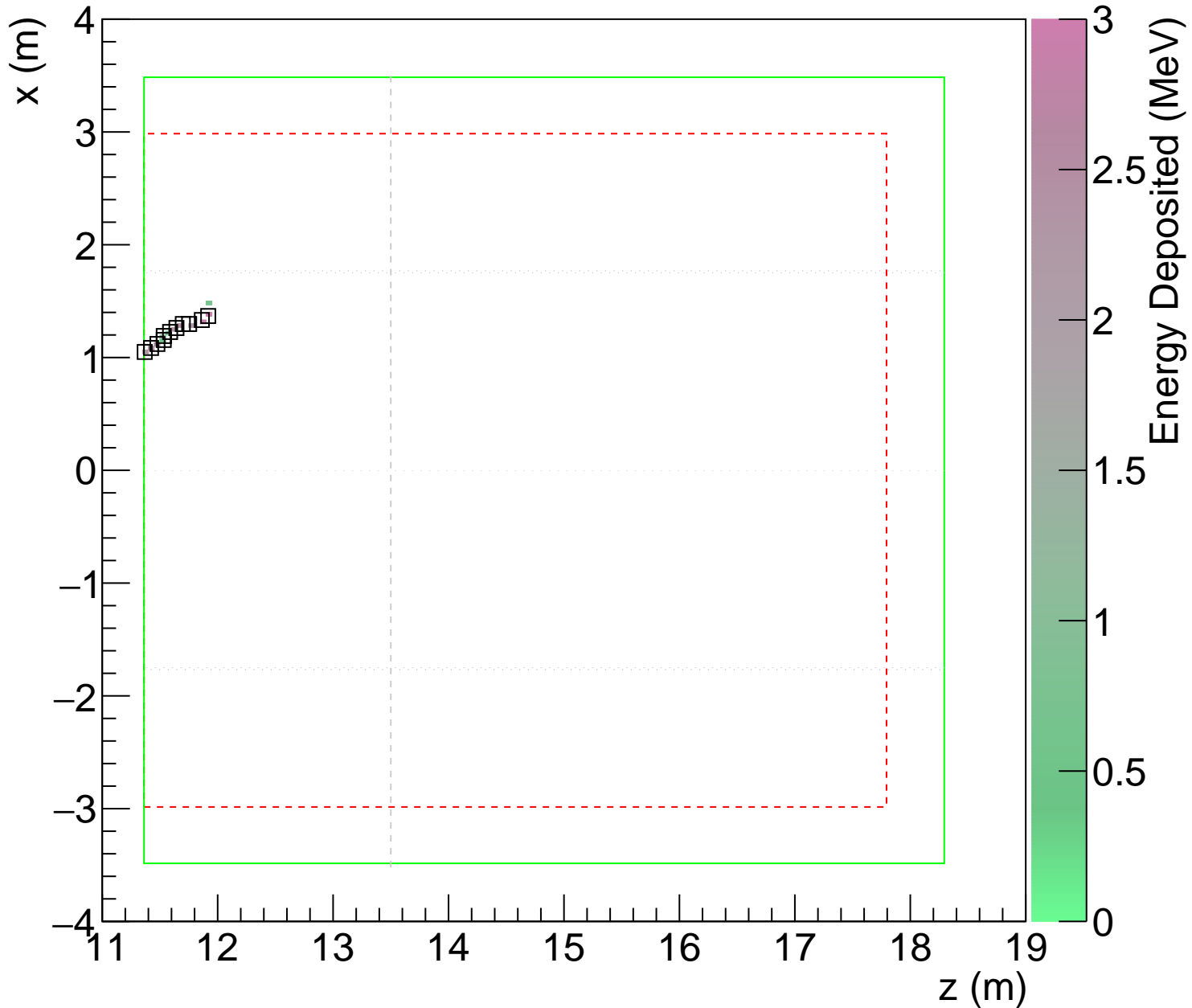


Event 491, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=1.53$  GeV,  $E_{\mu}^{\text{true}}=0.85$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

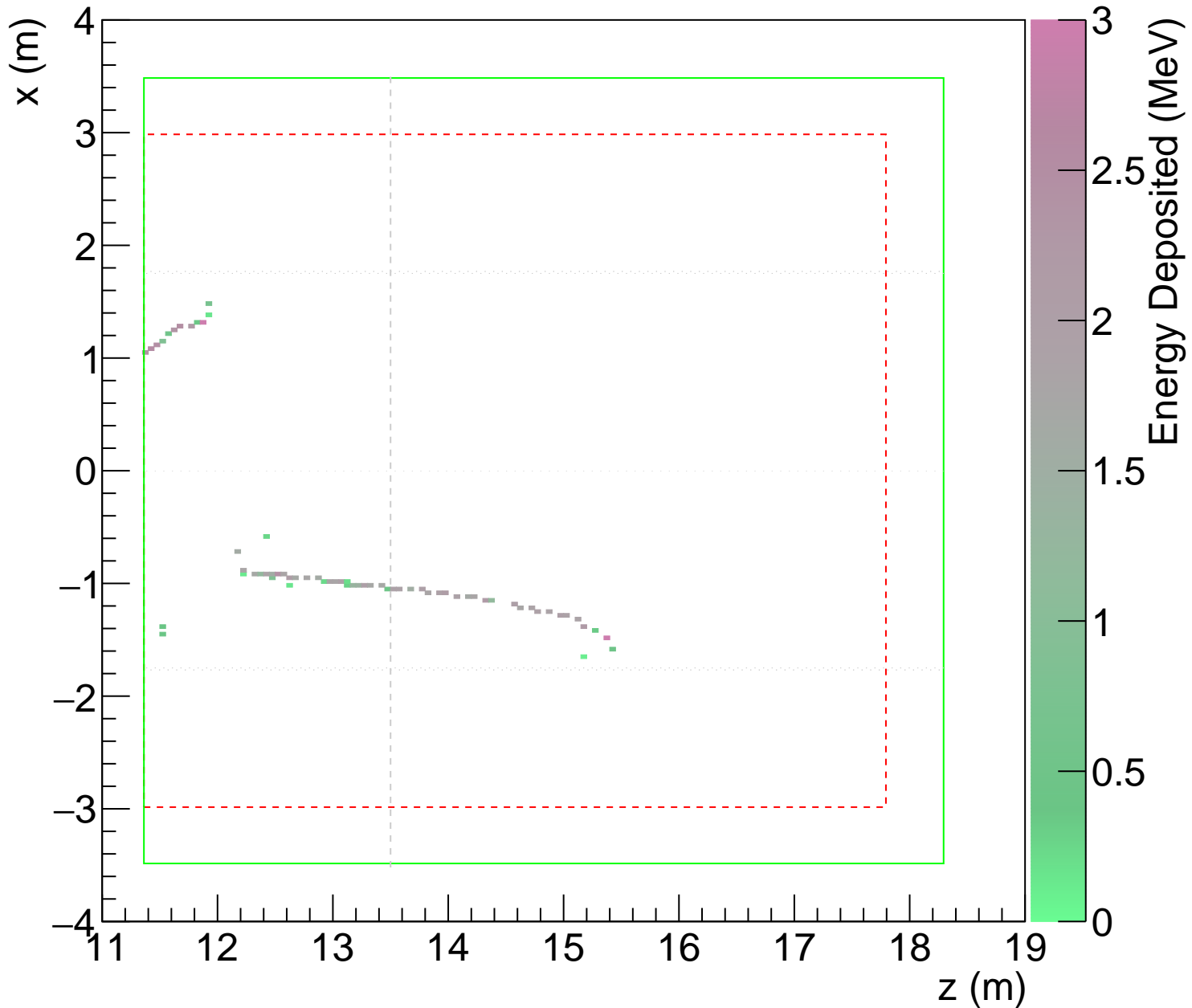


# Event 491 reconstructed

nLines: 1, nClusters: 0

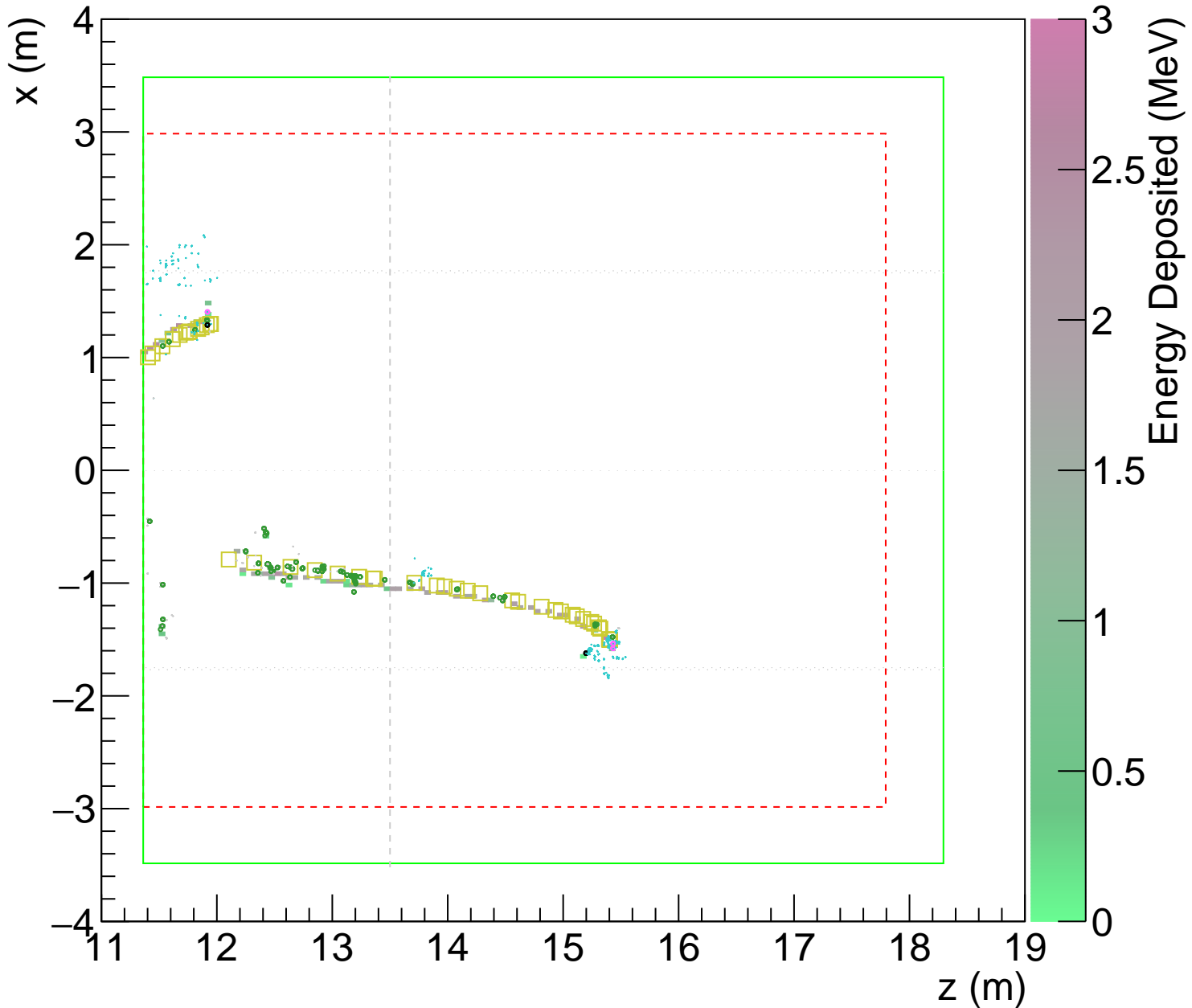


Event 492, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.45$  GeV,  $E_{\mu}^{\text{true}}=2.76$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:0,



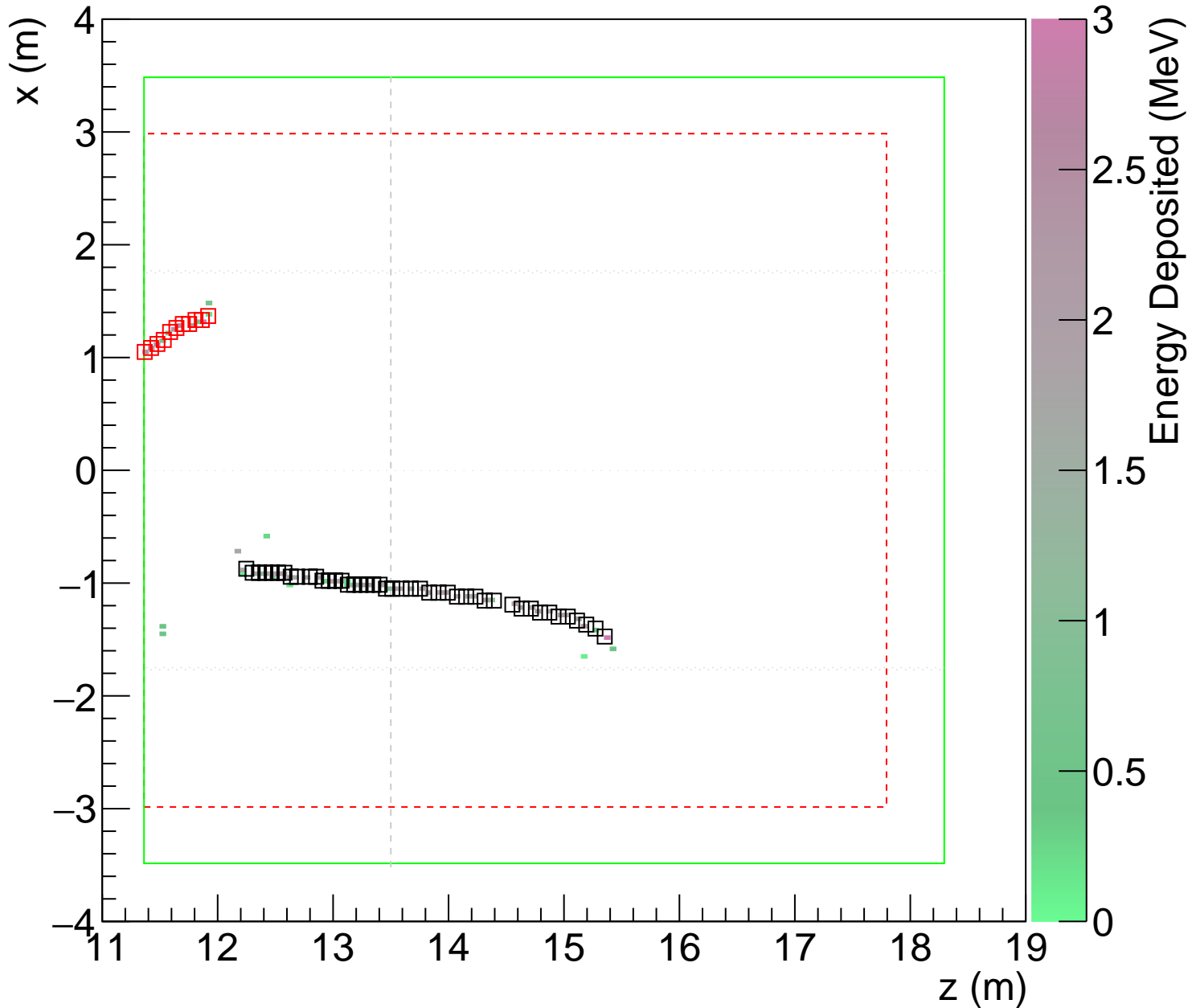


Event 492, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=3.45$  GeV,  $E_{\mu}^{\text{true}}=2.76$  GeV  
nu:14,tgt:1000260560,N:2112,proc:Weak[CC],RES,res:0,

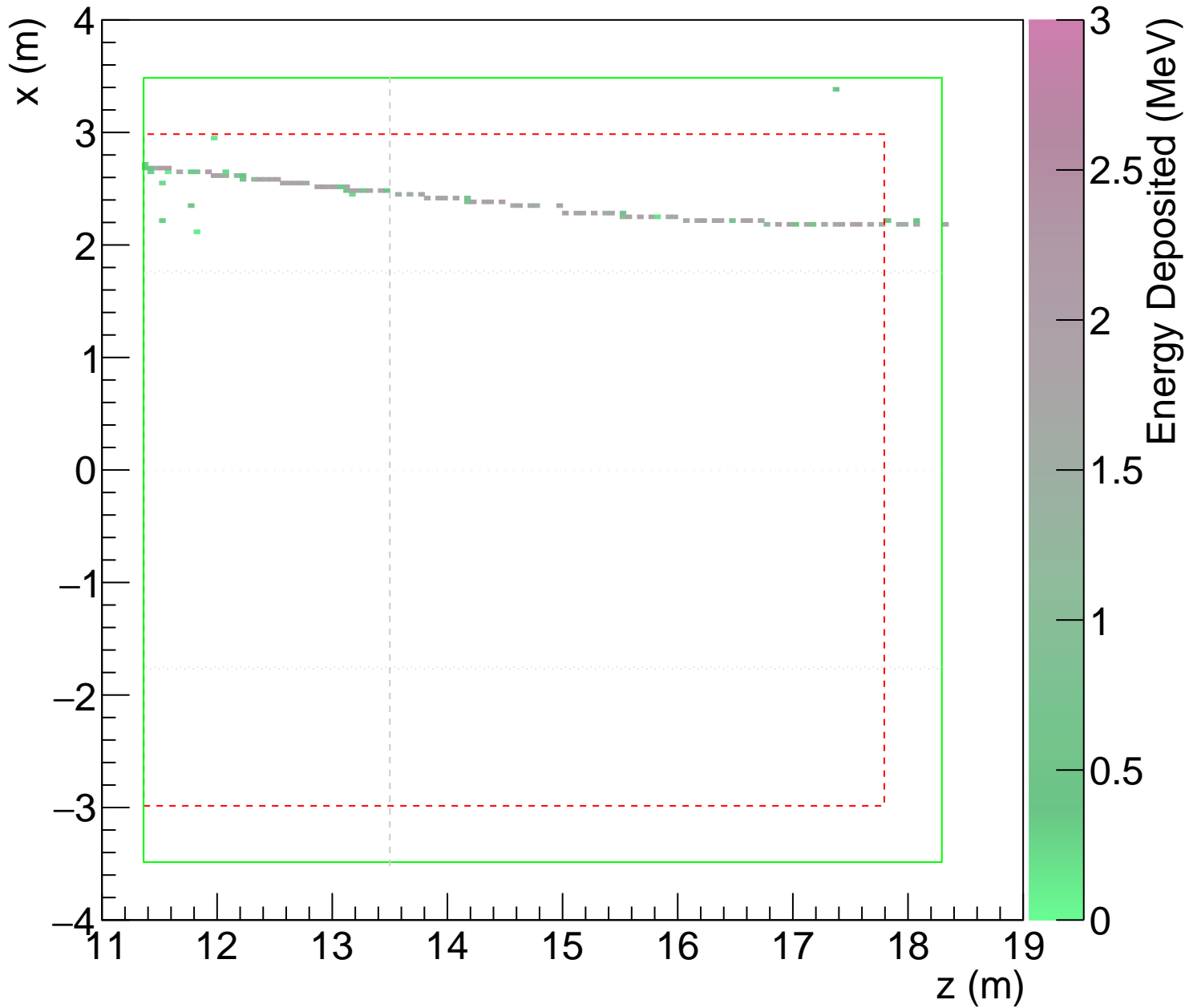


# Event 492 reconstructed

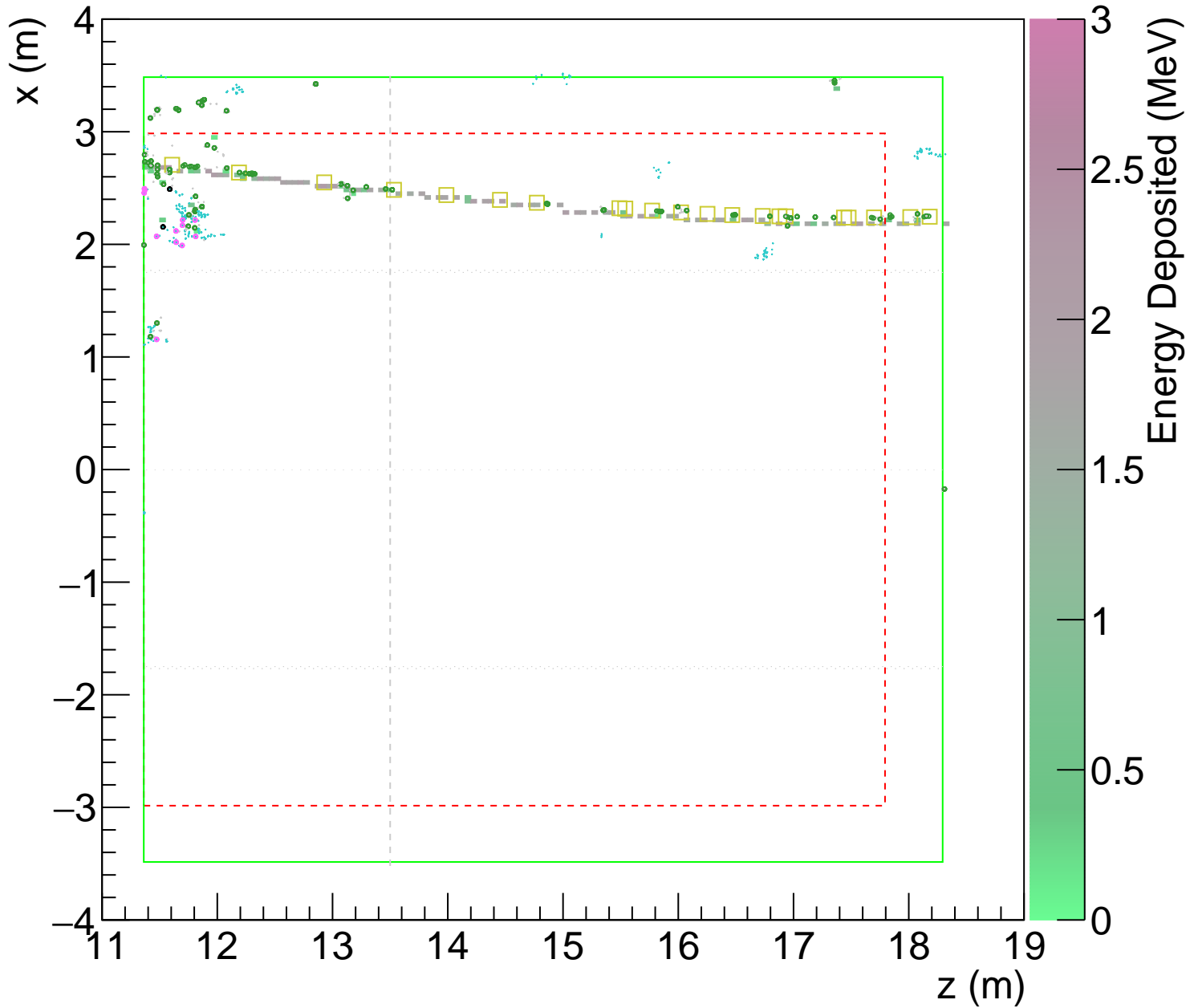
nLines: 2, nClusters: 0



Event 493, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=31.19$  GeV,  $E_{\mu}^{\text{true}}=8.87$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

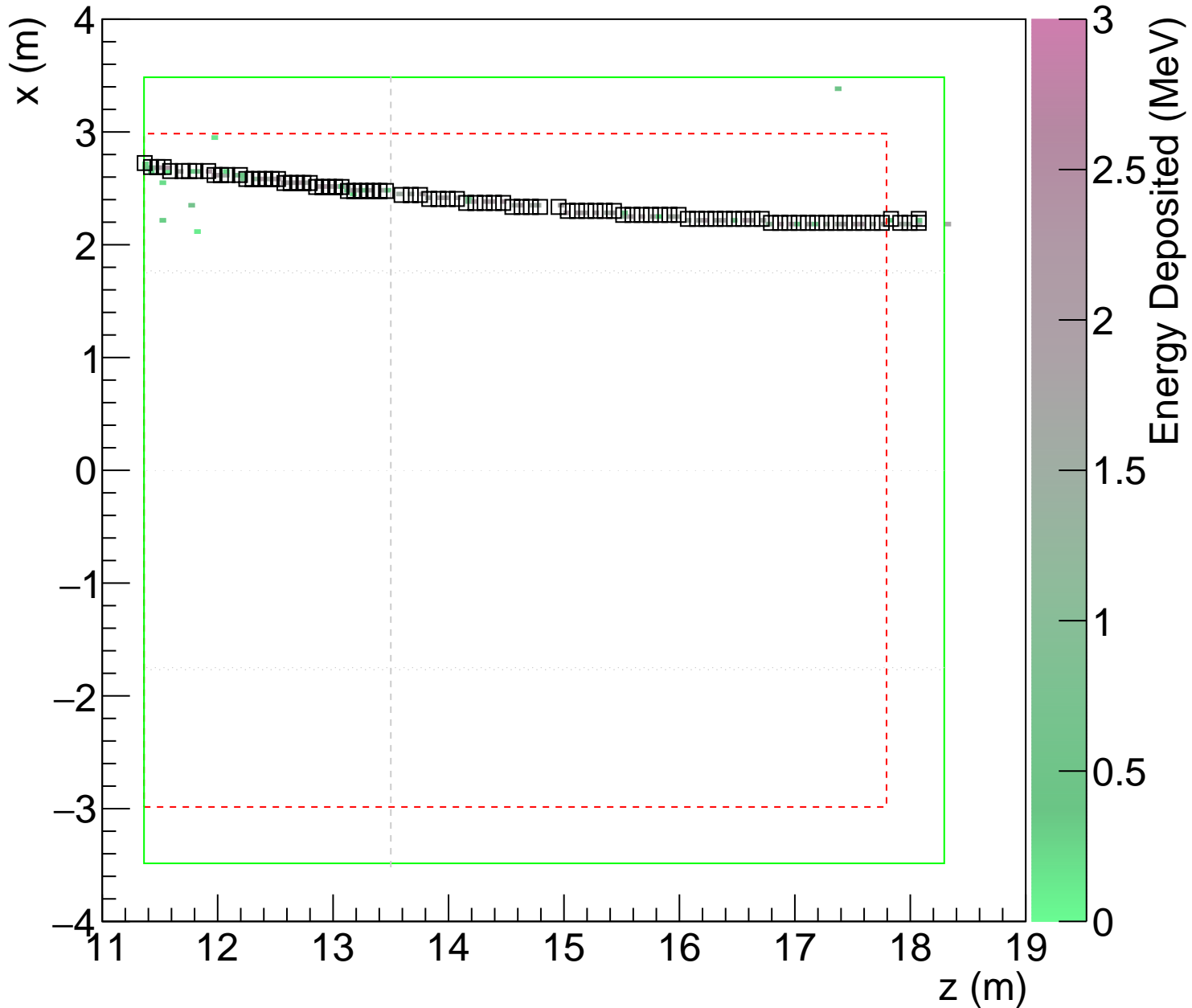


Event 493, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=31.19$  GeV,  $E_{\mu}^{\text{true}}=8.87$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,

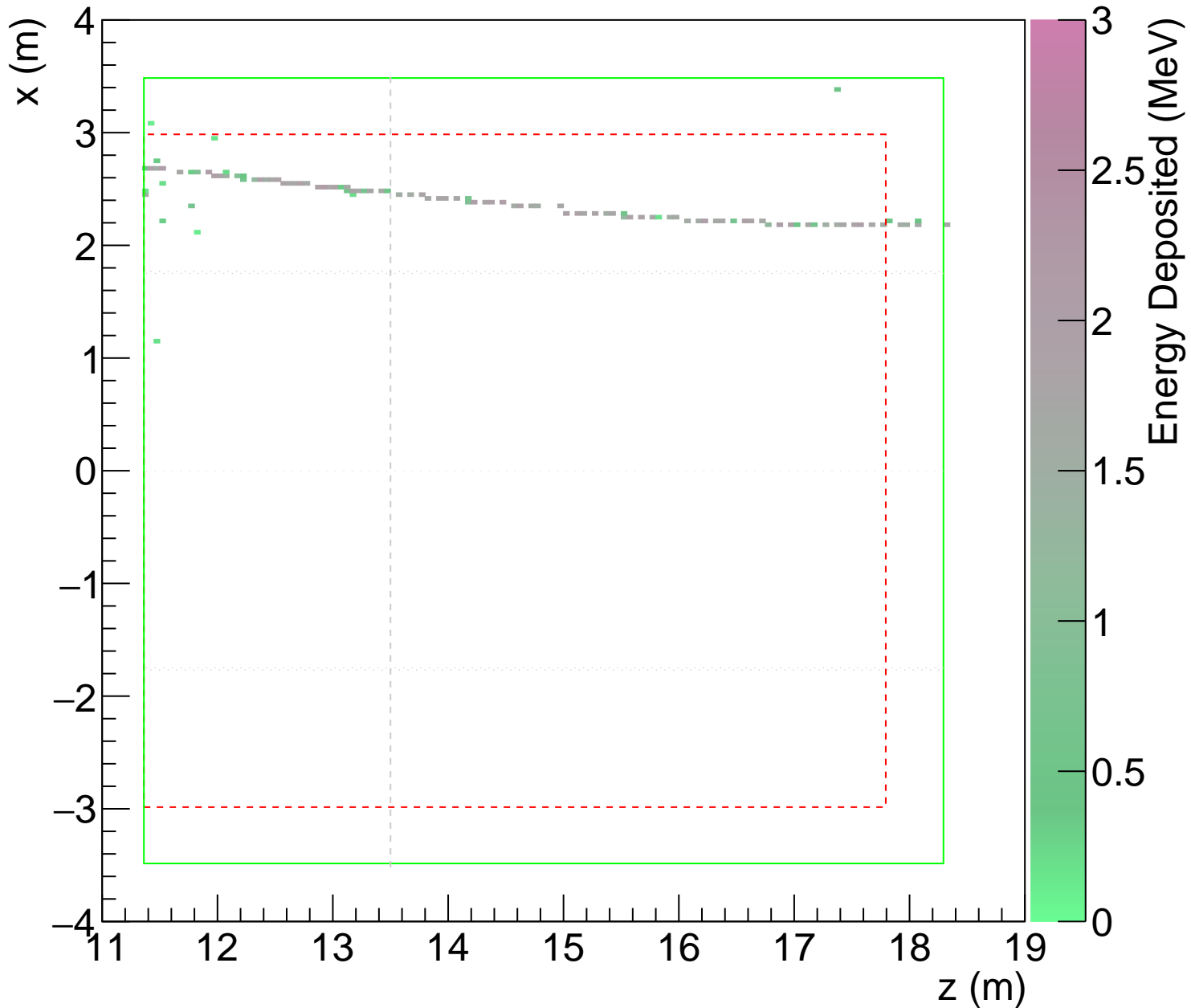


# Event 493 reconstructed

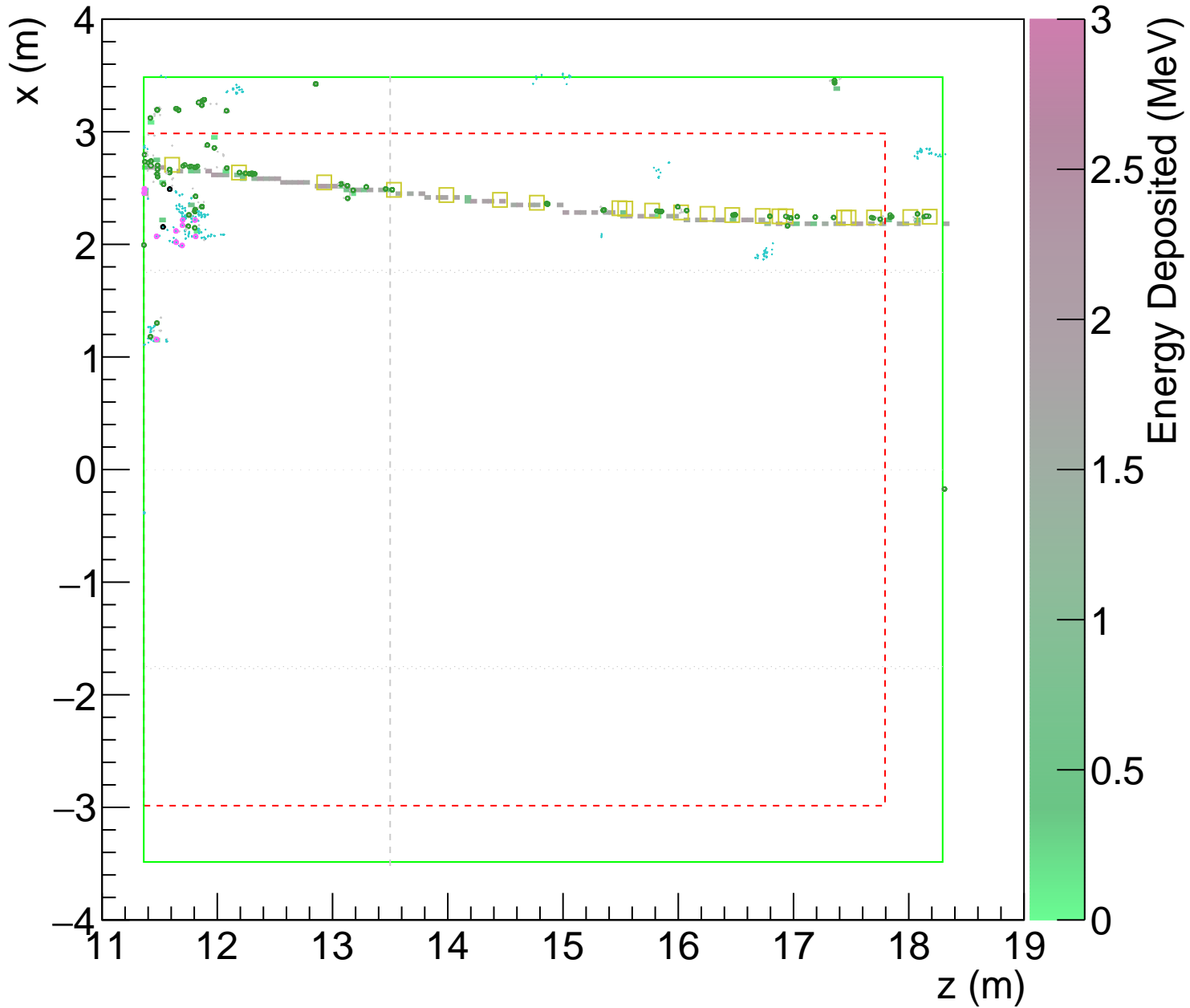
nLines: 1, nClusters: 0



Event 494, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.70$  GeV,  $E_{\mu}^{\text{true}}=8.87$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:1,

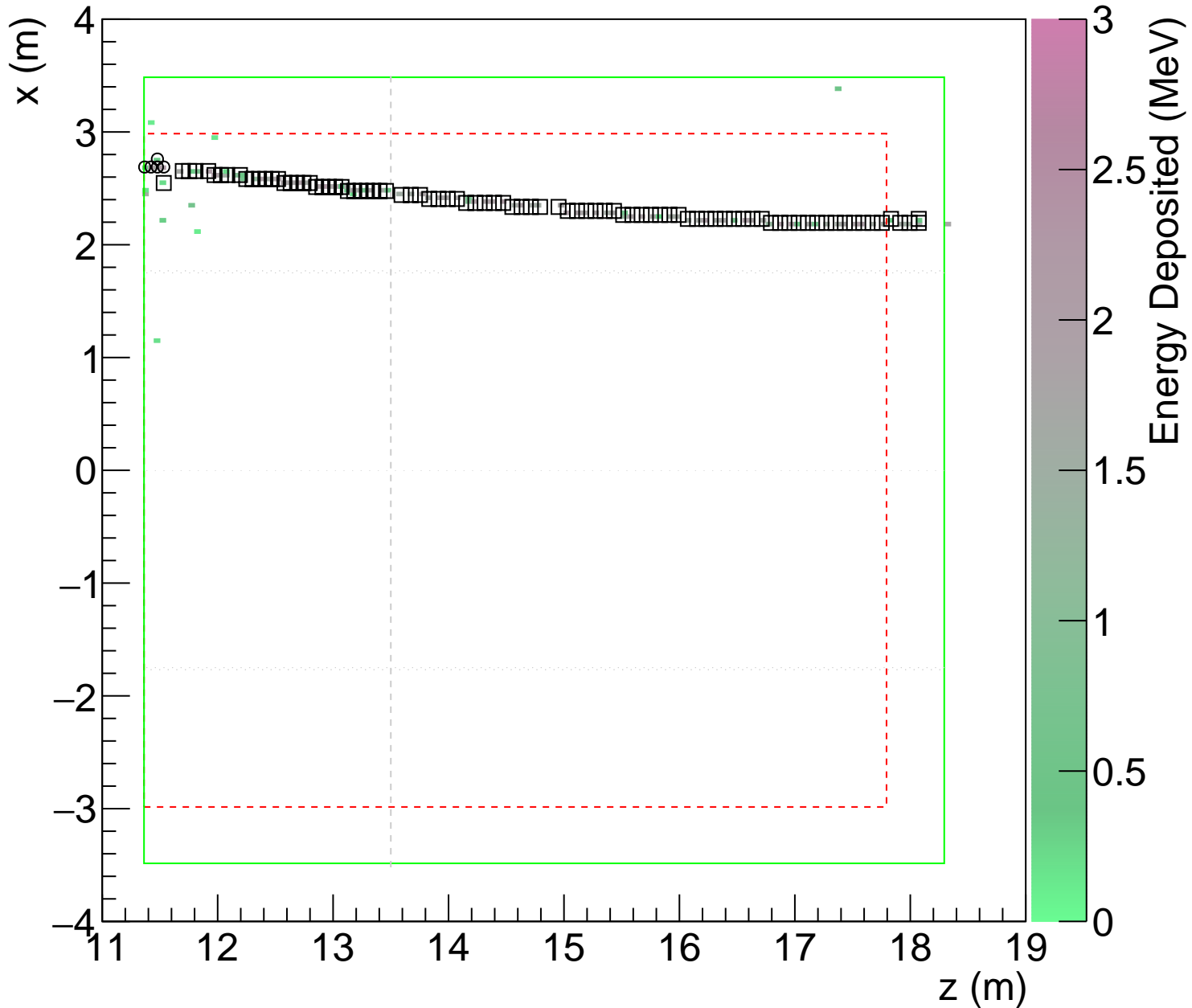


Event 494, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.70$  GeV,  $E_{\mu}^{\text{true}}=8.87$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[NC],RES,res:1,



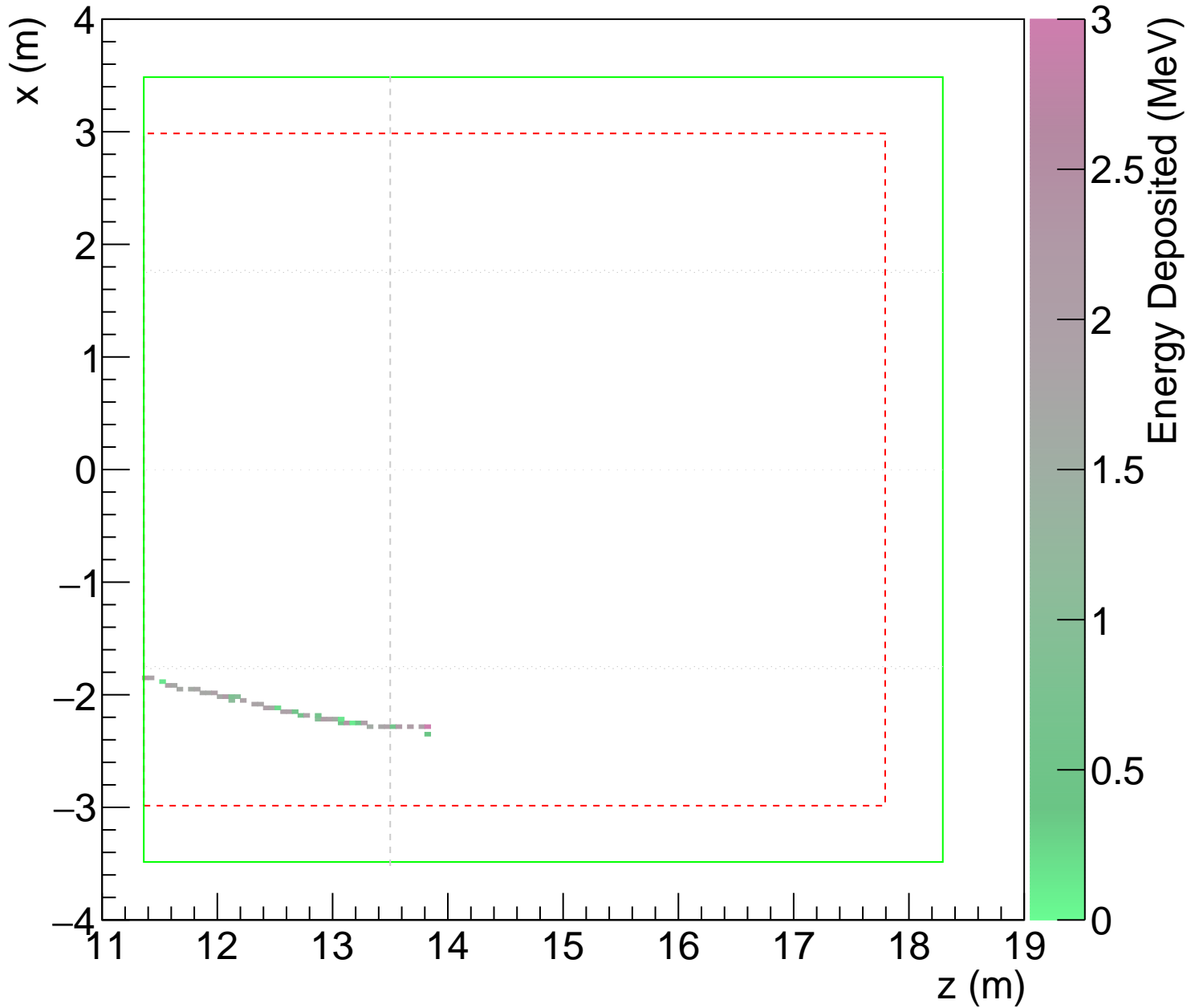
# Event 494 reconstructed

nLines: 1, nClusters: 1

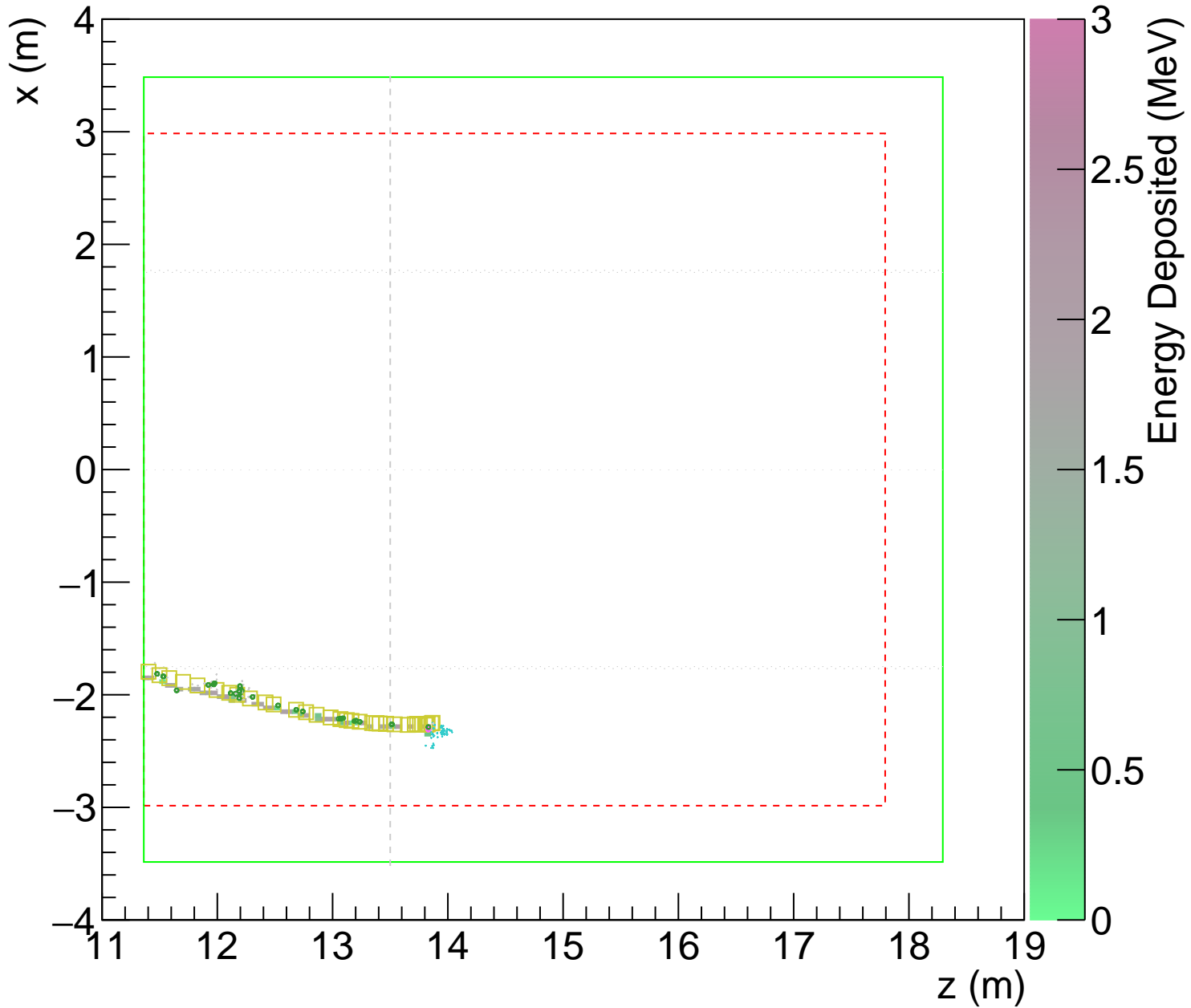




Event 497, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=1.67$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

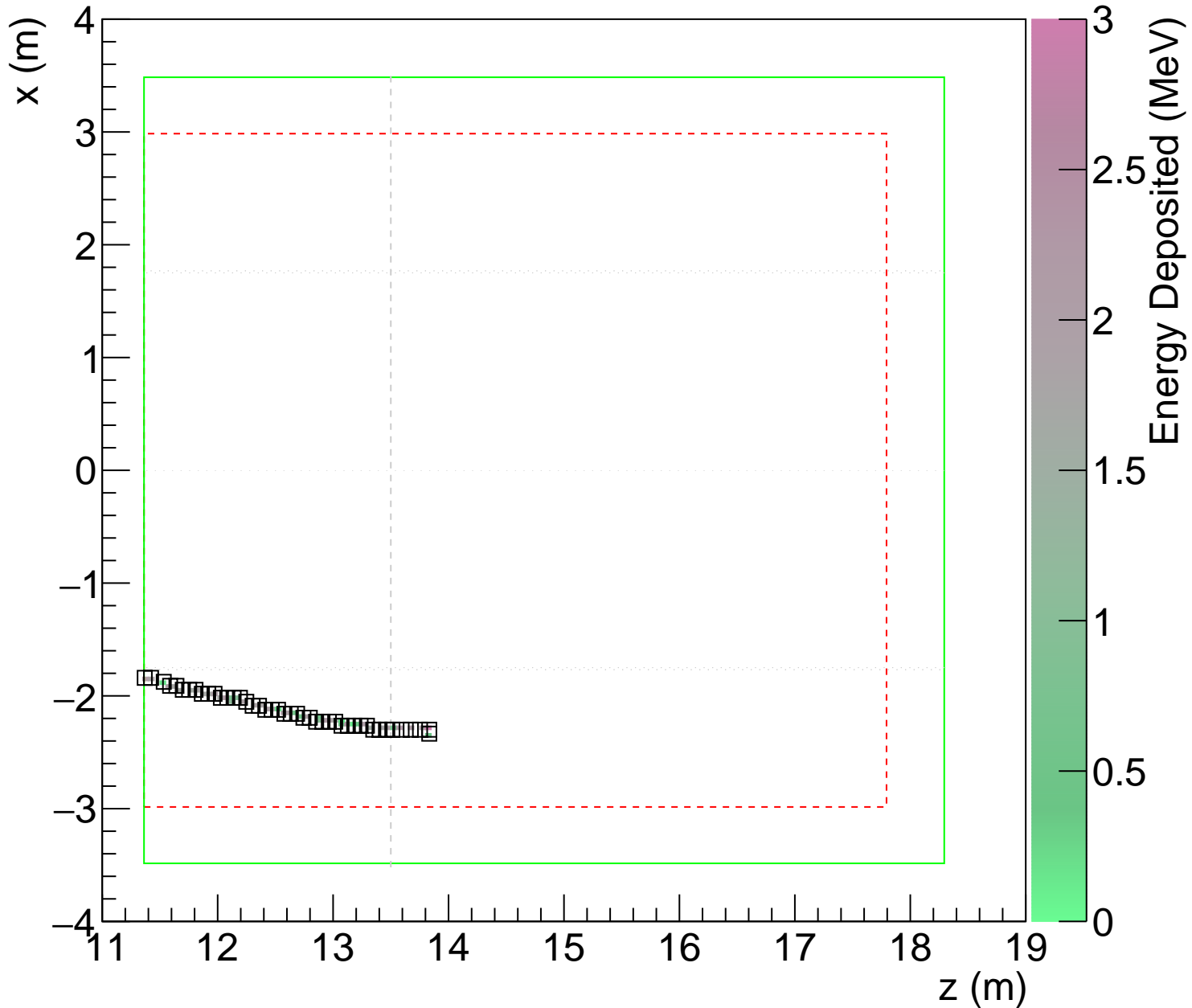


Event 497, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.50$  GeV,  $E_{\mu}^{\text{true}}=1.67$  GeV  
nu:14,tgt:1000180400,N:2212,proc:Weak[CC],RES,res:0,

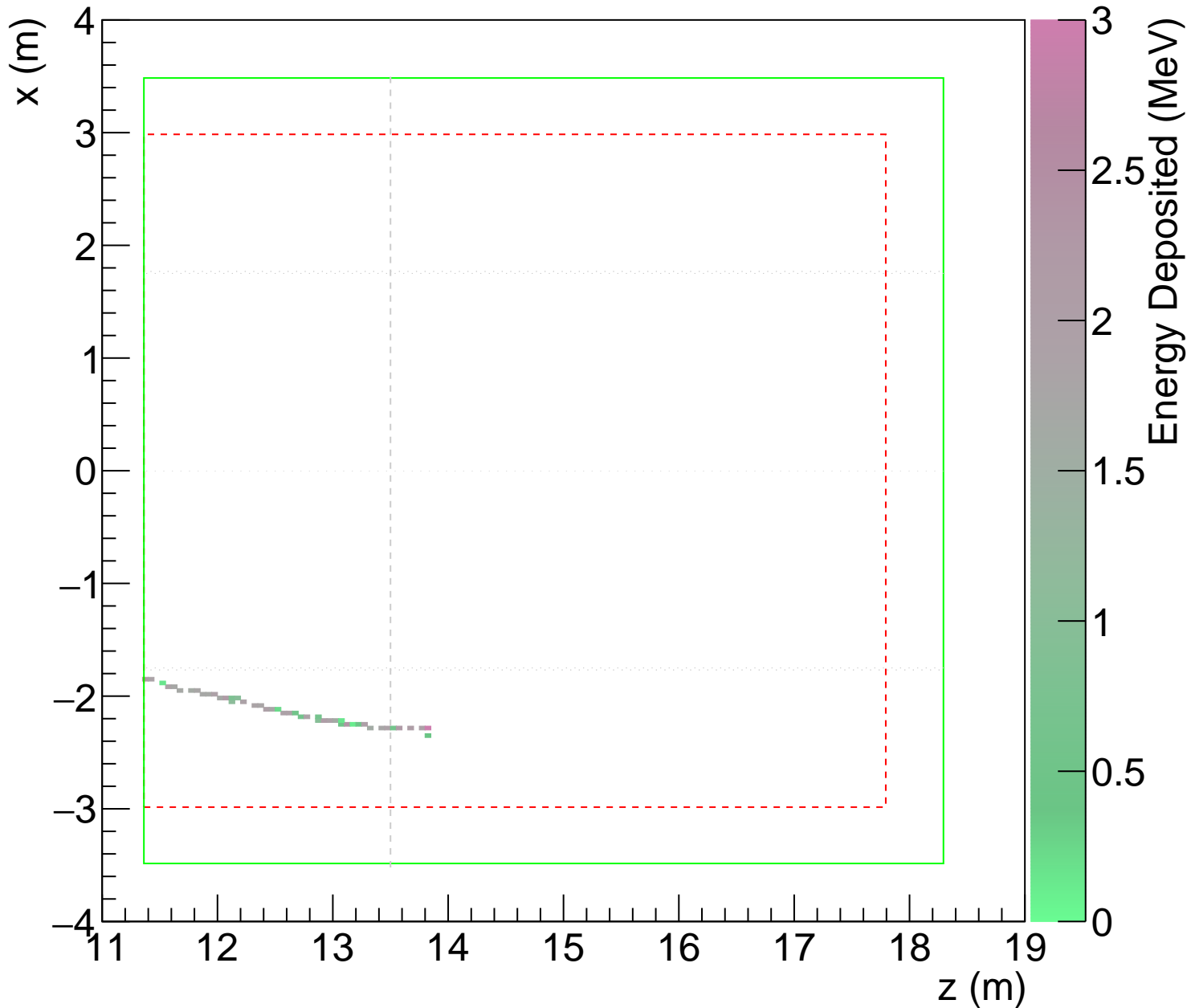


# Event 497 reconstructed

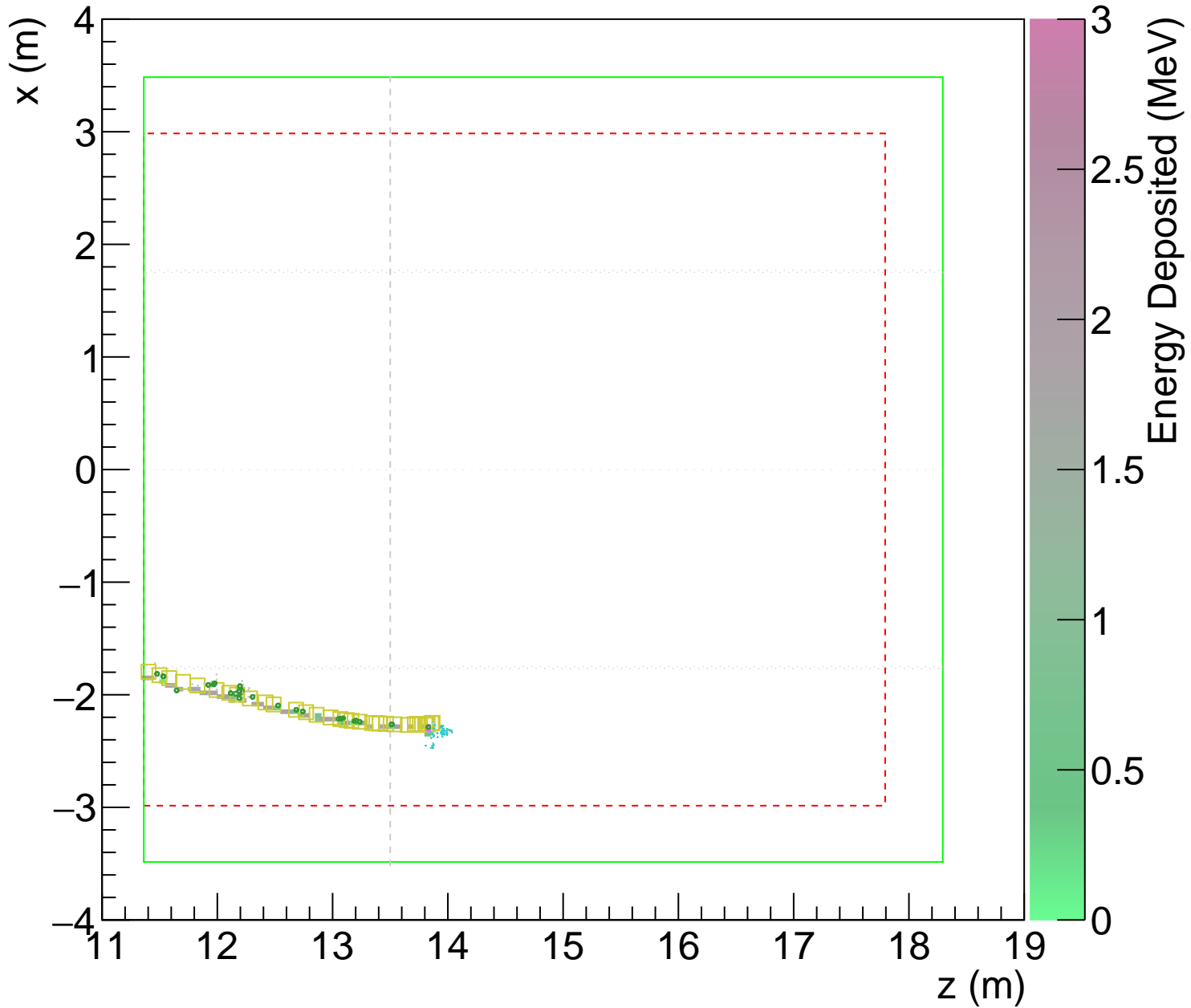
nLines: 1, nClusters: 0



Event 498, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.26$  GeV,  $E_{\mu}^{\text{true}}=1.67$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



Event 498, all reco hits,  $\nu^{\text{true}}$  PDG: 14,  $E_{\nu}^{\text{true}}=2.26$  GeV,  $E_{\mu}^{\text{true}}=1.67$  GeV  
nu:14,tgt:1000180400,N:2112,q:1( $\nu$ ),proc:Weak[CC],DIS,



# Event 498 reconstructed

nLines: 1, nClusters: 0

