

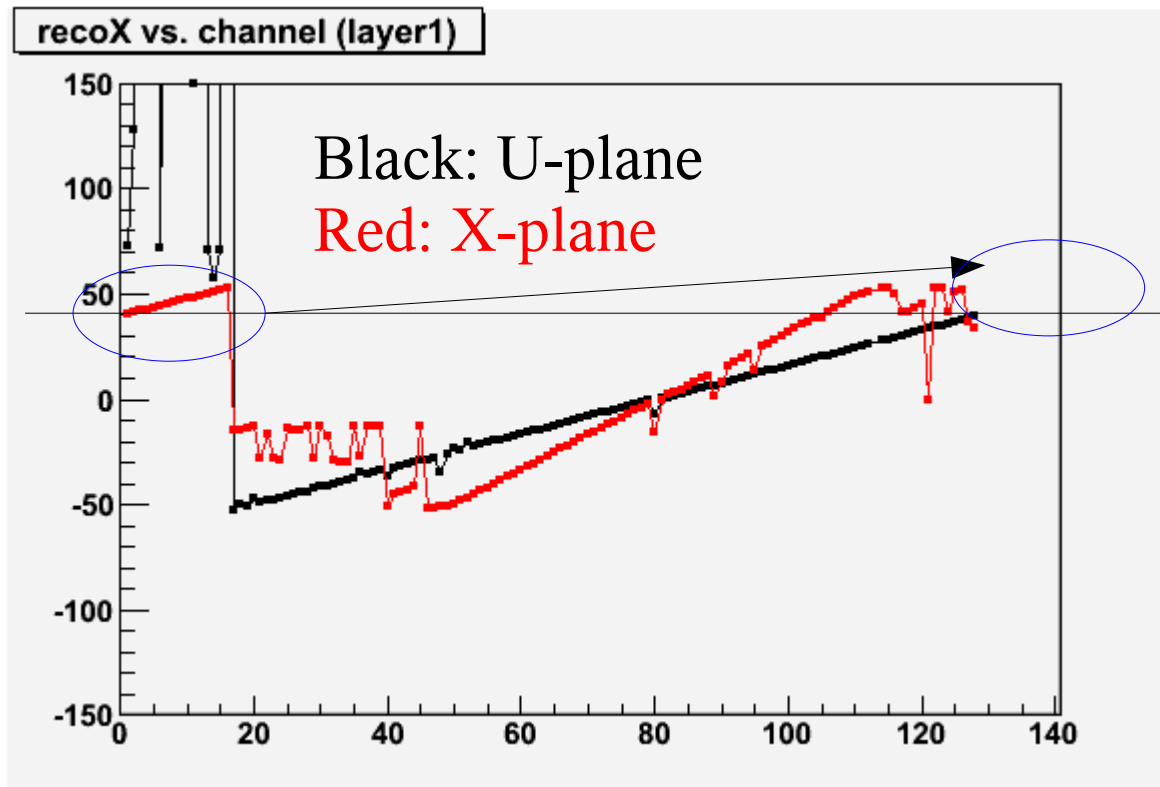
A decorative vertical bar on the left side of the slide, composed of numerous blue triangles of varying shades and sizes, some pointing up and some down, creating a textured, abstract border.

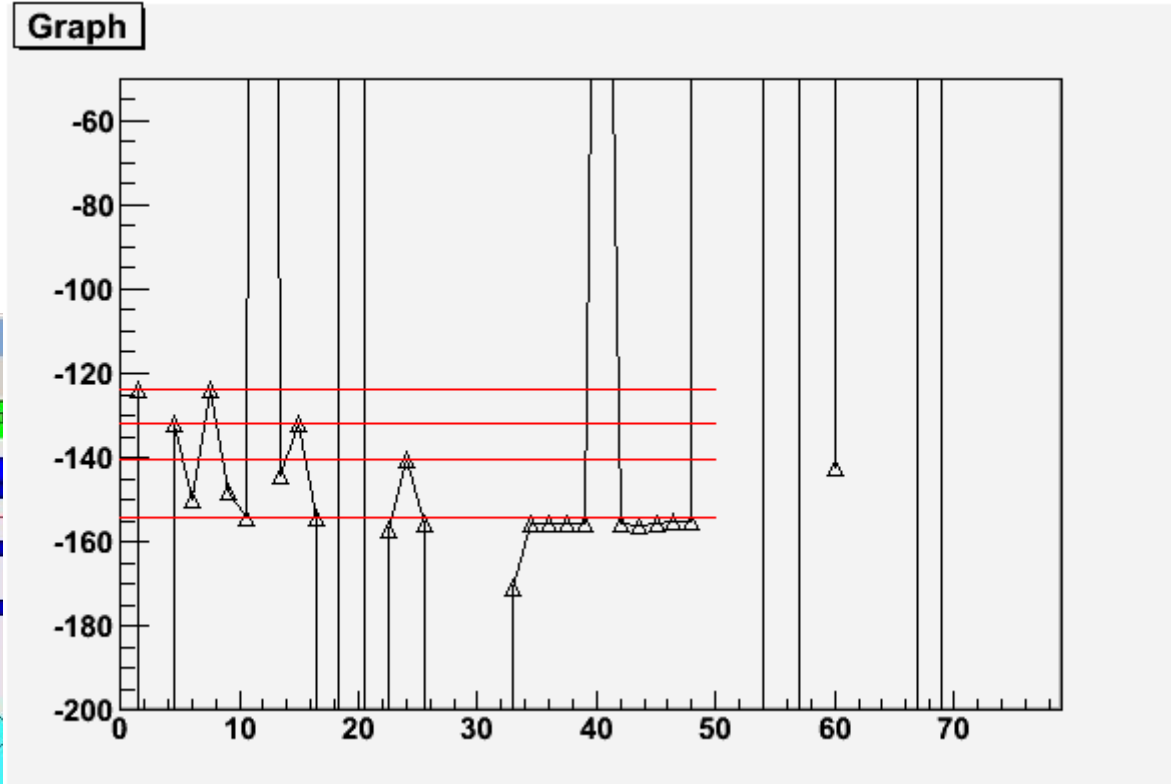
Mapper analysis

Jaewon Park

Scan for U-plane

- ▶ Scan perpendicular to U-strips.
- ▶ Slope between strip number and recon strip is different for U-plane and X-plane
- ▶ It seems that first 16 X-plane channels belong to U-plane.

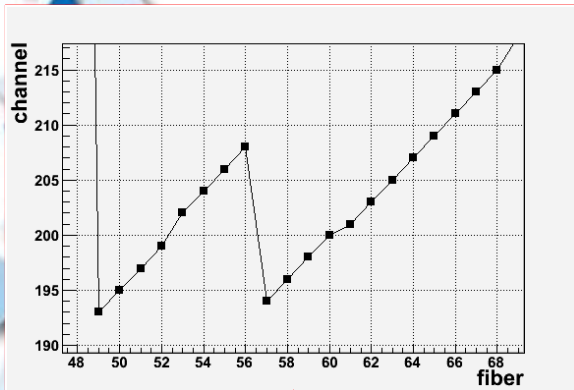




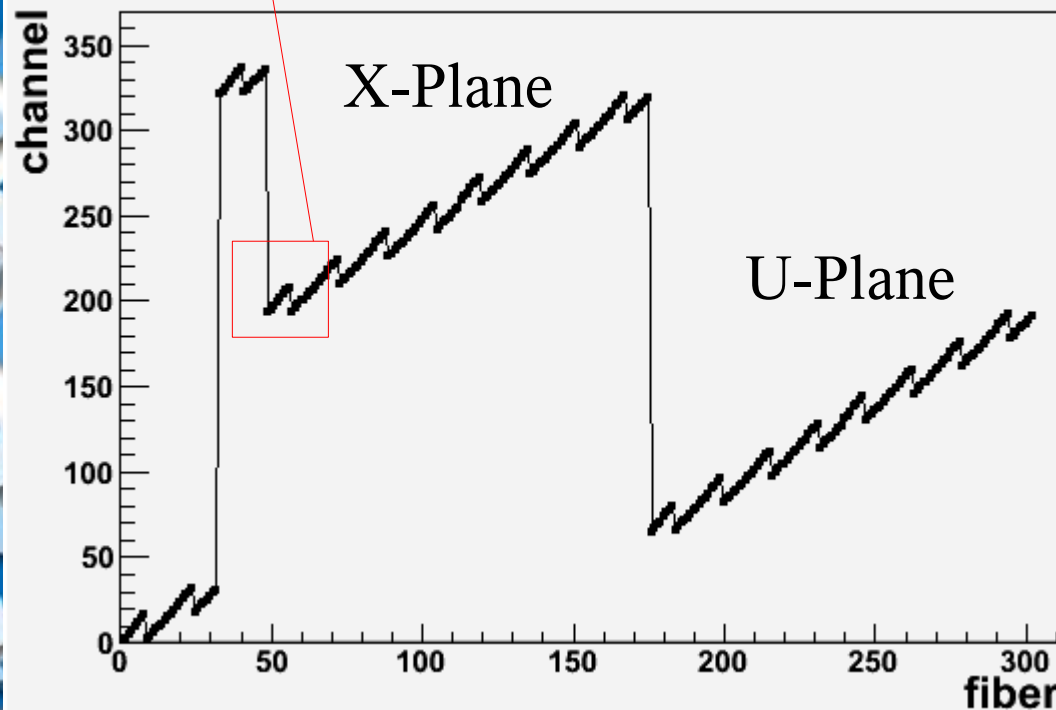
- ▶ OD1 got some signal.
- ▶ Still OD channel mapping is not done correctly.

DAQ channel configuration file

- AI's DAQ uses a channel configuration file to convert electronics channel to serialized strip number (strip 1 - 302).



X-Plane starting strip 49 is mapped to channel 193.
X-Plane channel starts from 177.



	Cable name	Strip begin/end	Channel begin/end	PMT
1	OD1	1 8	1 16	1
2	OD2	9 16	1 16	1
3	OD3	17 24	17 32	1
4	OD4	25 32	17 32	1
5	OD5	33 40	305 320	6
6	OD6	41 48	305 320	6
7	IDX1	49 56	177 192	4
8	IDX2	57 64	177 192	4
9	IDX3	65 72	193 208	4
10	IDX4	73 80	193 208	4
11	IDX5	81 88	209 224	4
12	IDX6	89 96	209 224	4
13	IDX7	97 104	225 240	4
14	IDX8	105 112	225 240	4
15	IDX9	113 120	241 256	5
16	IDX10	121 128	241 256	5
17	IDX11	129 136	257 272	5
18	IDX12	137 144	257 272	5
19	IDX13	145 152	273 288	5
20	IDX14	153 160	273 288	5
21	IDX15	161 168	289 304	5
22	IDX16	169 176	289 304	5
23	IDU1	177 184	49 64	2
24	IDU2	185 192	49 64	2
25	IDU3	193 200	65 80	2
26	IDU4	201 208	65 80	2
27	IDU5	209 216	81 96	2
28	IDU6	217 224	81 96	2
29	IDU7	225 232	97 112	2
30	IDU8	233 240	97 112	2
31	IDU9	241 248	113 128	3
32	IDU10	249 256	113 128	3
33	IDU11	257 264	129 144	3
34	IDU12	265 272	129 144	3
35	IDU13	273 280	145 160	3
36	IDU14	281 288	145 160	3
37	IDU15	289 296	161 176	3
38	IDU16	297 304	161 176	3