

# Shield Configurations

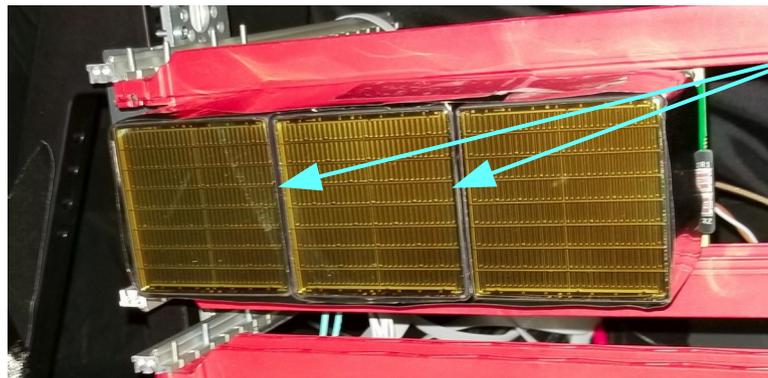
Extended Shield



Flush Shield



Individual Shield

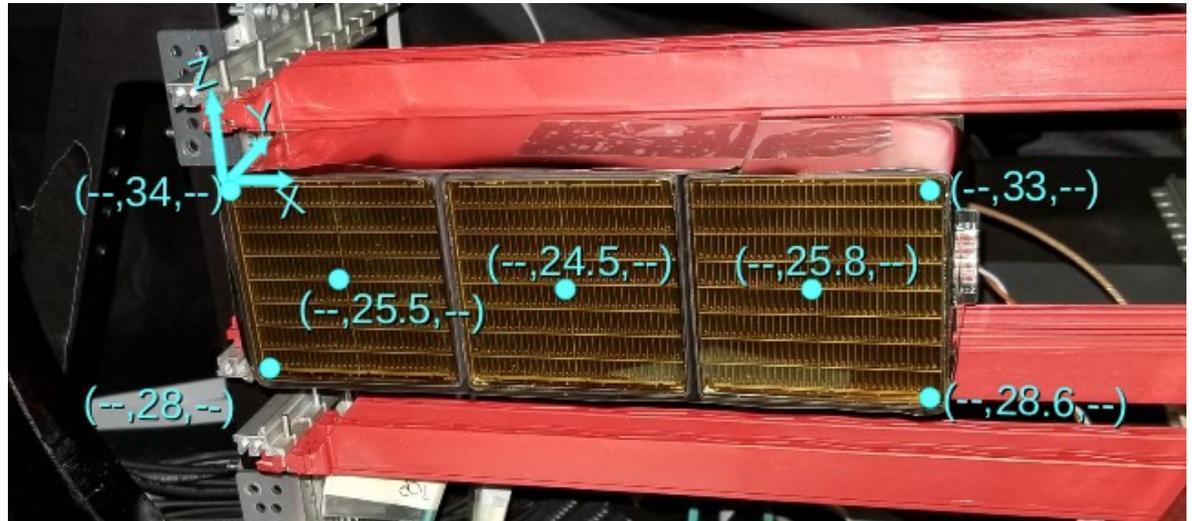


Additional  
Shielding

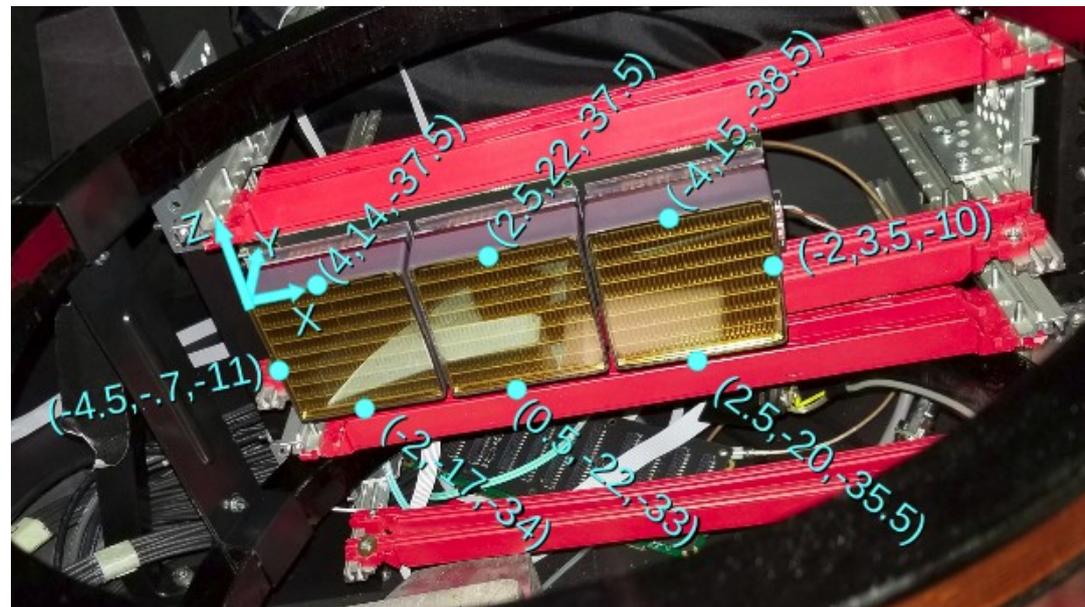
# Field Orientations (Units in Gauss)

- Orientation 1

- X and Z components of the field  $\sim O(0) - O(10)$



- Orientation 2

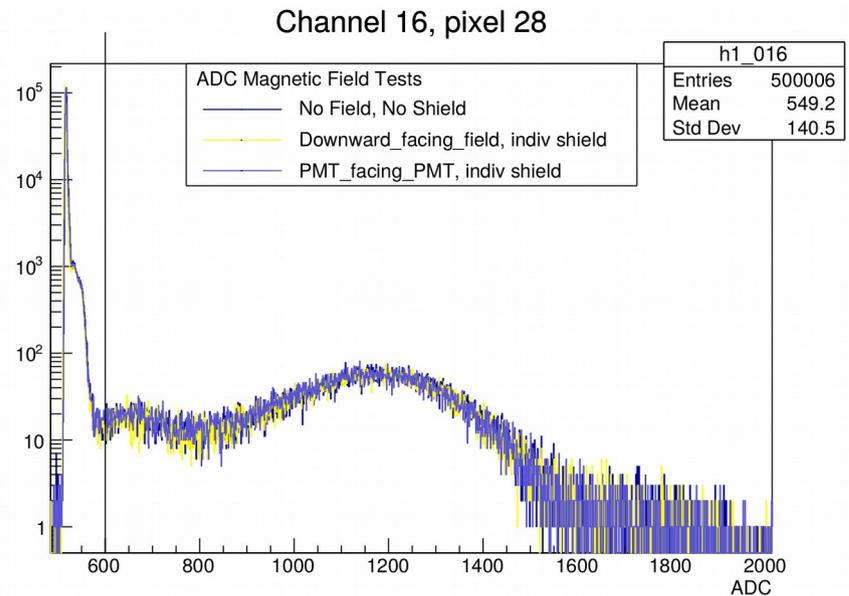
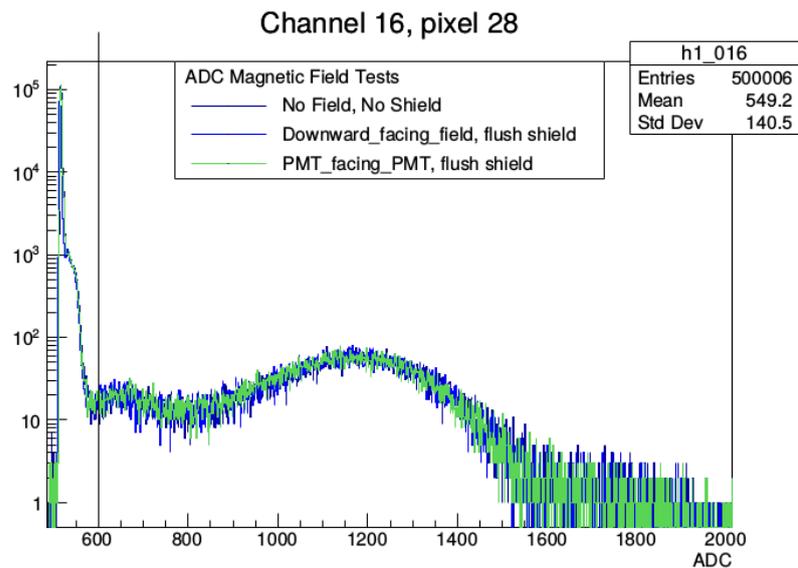
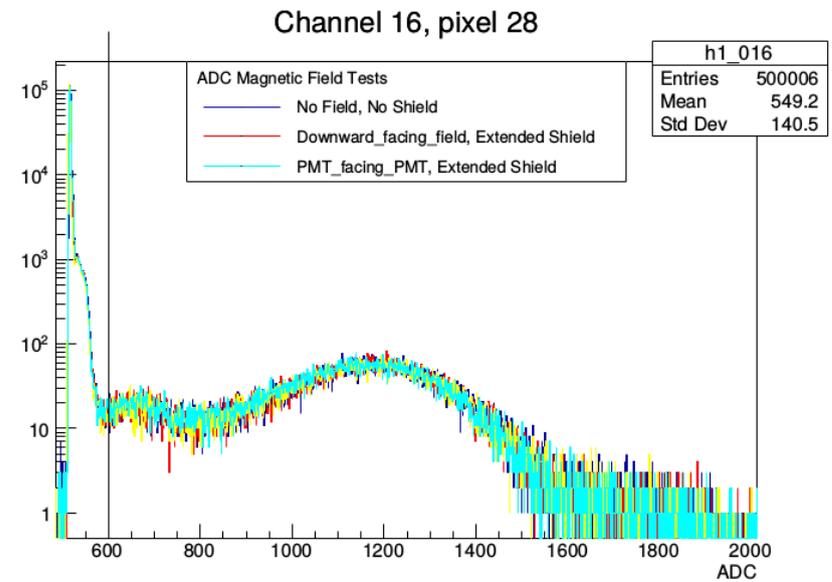
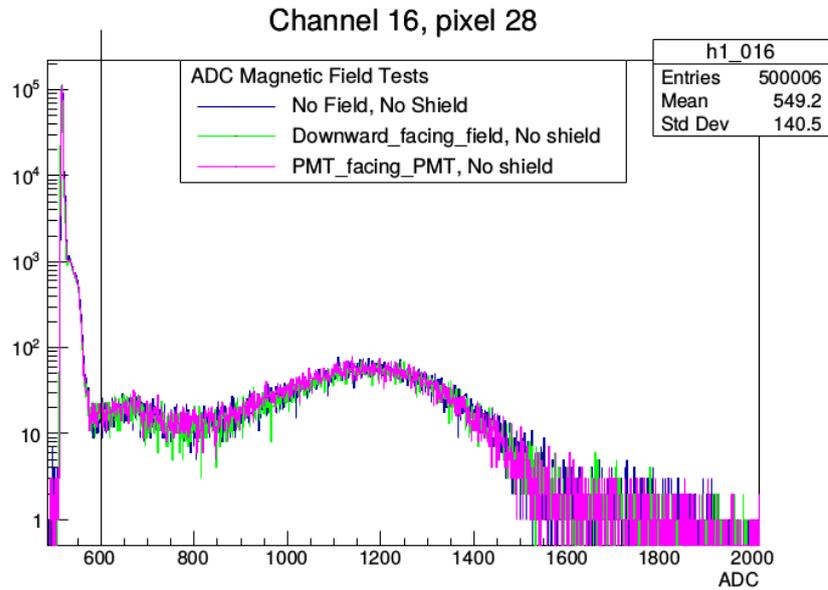


# Sample Pixel Results

159	157	158	156	160	162	161	163	95	93	94	92	96	98	97	99	31	29	30	28	32	34	33	35
155	153	154	152	164	166	165	167	91	89	90	88	100	102	101	103	27	25	26	24	36	38	37	39
151	149	150	148	168	170	169	171	87	85	86	84	104	106	105	107	23	21	22	20	40	42	41	43
147	145	146	144	172	174	173	175	83	81	82	80	108	110	109	111	19	17	18	16	44	46	45	47
143	141	142	140	176	178	177	179	79	77	78	76	112	114	113	115	15	13	14	12	48	50	49	51
139	137	138	136	180	182	181	183	75	73	74	72	116	118	117	119	11	9	10	8	52	54	53	55
135	133	134	132	184	186	185	187	71	69	70	68	120	122	121	123	7	5	6	4	56	58	57	59
131	129	130	128	188	190	189	191	67	65	66	64	124	126	125	127	3	1	2	0	60	62	61	63

- Channels 16, 45, 47, 96, 100, 108
- HV = 1100
- Gain = 64

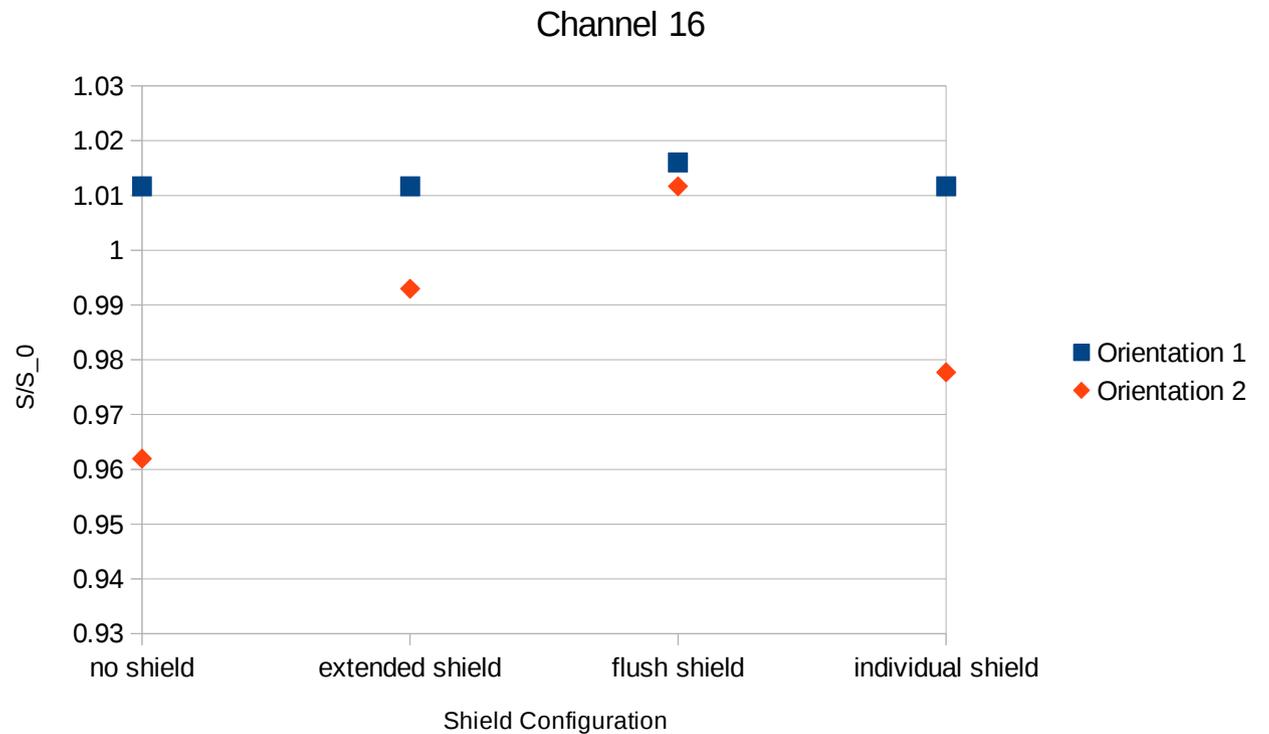
# Rough efficiency estimate (Channel 16 as an example)



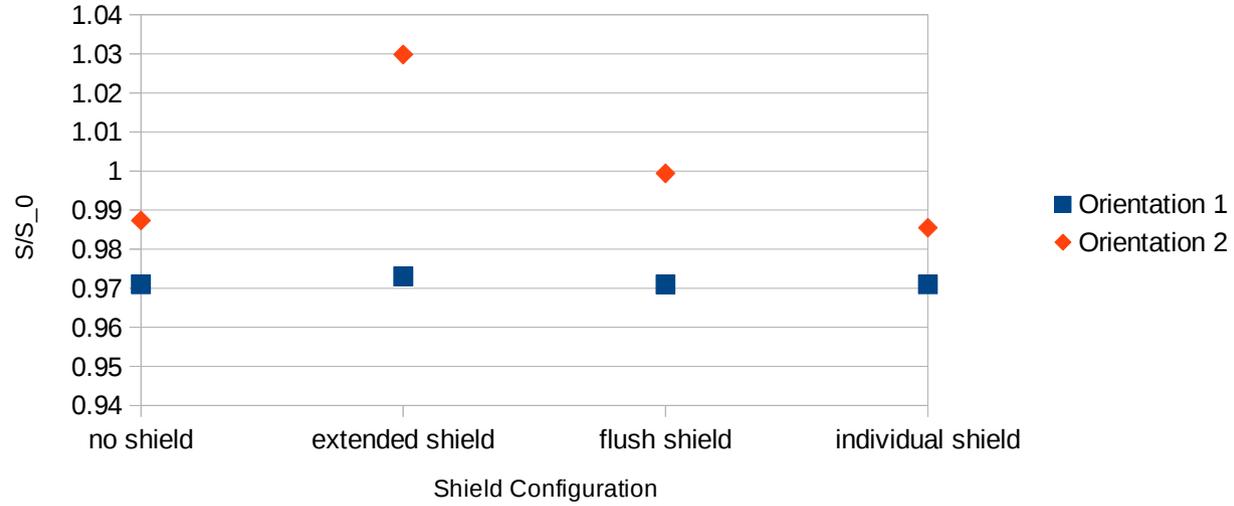
# Rough efficiency estimate (continued)

$S$  = # events above line

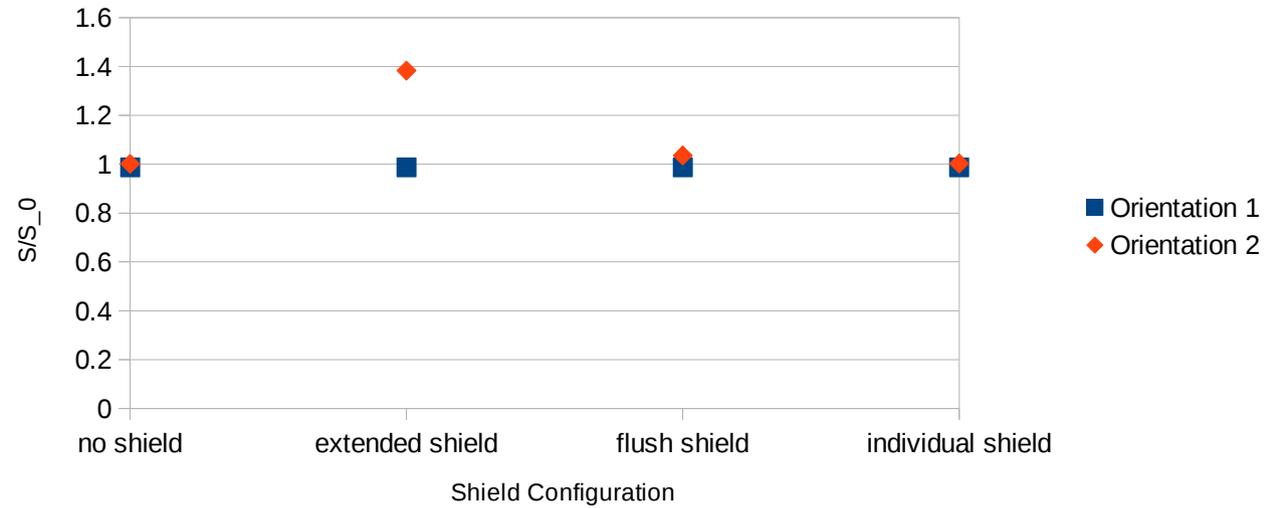
$S_0$  = # events above line with no field



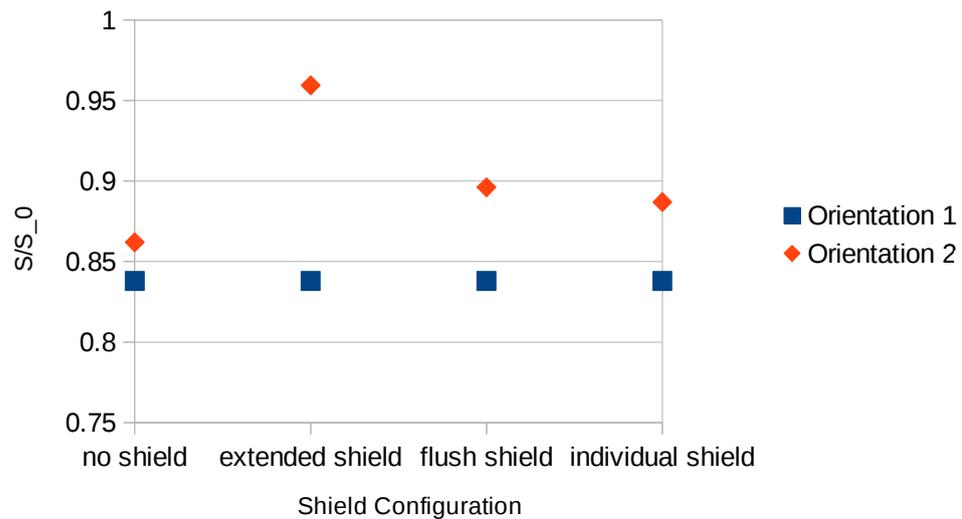
Channel 45



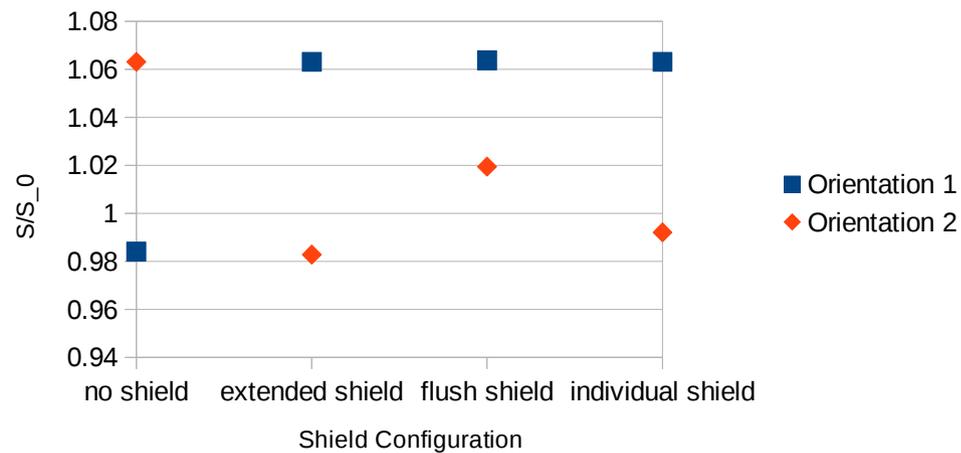
Channel 47



### Channel 96



### Channel 108



### Channel 100

