

108	6/17/2019 2:25	6/17/2019 2:31	AP	208Pb Beam	MCP	150	145	Pb 208 85 MeV/A Trig:DSAnode both ICs 150MeV		P10	300	150	2100	2000	2150	3000	-1500	-1500
109	6/17/2019 2:32	6/17/2019 2:37	AP	208Pb Beam	MCP	152	147	Pb 208 85 MeV/A Trig:DSAnode both ICs 170MeV		P10	300	170	2100	2000	2150	3000	-1500	-1500
110	6/17/2019 2:38	6/17/2019 2:43	AP	208Pb Beam	MCP	152	146	Pb 208 85 MeV/A Trig:DSAnode both ICs 250MeV		P10	300	250	2100	2000	2150	3000	-1500	-1500
111	6/17/2019 2:48	6/17/2019 2:53	AP	208Pb Beam	MCP	152	147	Pb 208 85 MeV/A Trig:DSAnode both ICs 350MeV		P10	300	350	2100	2000	2150	3000	-1500	-1500
112	6/17/2019 2:53	6/17/2019 2:59	AP	208Pb Beam	MCP	152	147	ICs at nominal voltages		P10	300	80	2100	2000	2150	3000	-1500	-1500
113	6/17/2019 3:07	6/17/2019 3:12	AP	208Pb Beam	MCP	160	155	Pb 208 85 MeV/A Trig:DSAnode both ICs at nominal voltages		P10	150	40	2100	2000	2150	3000	-1500	-1500
114	6/17/2019 4:08	6/17/2019 4:13	AP	208Pb Beam	MCP	147	142	Pb 208 85 MeV/A Trig:DSAnode 300Torr Sus shaping	The shapers were set to 5us and we raised the pressure back to 300 torr	P10	300	80	2100	2000	2150	3000	-1500	-1500
115	6/17/2019 4:18	6/17/2019 4:23	AP	208Pb Beam	MCP	160	155	Pb 208 85 MeV/A Trig:DSAnode 300Torr Sus shaping		P10	300	80	2100	2000	2150	3000	-1500	-1500
116	6/17/2019 4:26	6/17/2019 4:31	AP	208Pb Beam	MCP	140	135	Pb 208 85 MeV/A Trig:DSAnode 300Torr Sus shaping ICs at 30V		P10	300	30	2100	2000	2150	3000	-1500	-1500
117	6/17/2019 5:23	6/17/2019 5:28	AP	Junk		0	0	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr			0	0	2100	2000	2150	3000	-1500	-1500
118	6/17/2019 5:35	6/17/2019 5:40	AP	208Pb Beam	MCP	134	129	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
119	6/17/2019 5:41	6/17/2019 5:46	AP	208Pb Beam	MCP	135	131	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr, ADC range change from 10V to 4V		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
120	6/17/2019 5:56	6/17/2019 6:05	AP	Calibration	Pulser	0	0	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr pulser ramp 0-0.14V		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
121	6/17/2019 6:12	6/17/2019 6:20	AP	Calibration	Pulser	0	0	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr pulser ramp 0-0.04V		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
122	6/17/2019 6:22	6/17/2019 6:31	AP	208Pb Beam	MCP	129	124	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
123	6/17/2019 6:43	6/17/2019 6:45	AP	208Pb Beam	MCP	142	137	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr, x2 gain on shapers		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
124	6/17/2019 8:04	6/17/2019 8:11	AP	208Pb Beam	MCP	128	123	Pb 208 85 MeV/A Trig:DSAnode Isobutane 300 torr, new gains on shapers	NIM BIN (Left rack, middle one) did not have +6V	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
125	6/17/2019 8:20	6/17/2019 8:25	AP	Calibration	Pulser	0	0	Pulser ramp	We unplugged on ELL-NIN and Si Power supply to fix it	Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
126	6/17/2019 8:26	6/17/2019 8:33	AP	208Pb Beam	MCP	136	131	06/17/2019 08:04:59 Pb 208 85 MeV/A Trig:DSAnode Isobutane 300Torr		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
127	6/17/2019 13:56	6/17/2019 14:06	AP	196Pb cocktail	MCP	0	63	06/17/2019 13:24 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode	This run has fragment setting with no ToF Before this run, we entered the vault to flush isobutane and increased flow rate to 100 After we got beam, we noticed the signals were much higher after flushing has, we were saturating the amplifiers.	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
128	6/17/2019 14:10	6/17/2019 14:45	AP	196Pb cocktail	MCP	63	55	06/17/2019 13:24 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode, added U_MCP		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
129	6/17/2019 14:45	6/17/2019 15:25	AP	196Pb cocktail	MCP	1131	1045	06/17/2019 13:24 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode, beam attenuation changed 100 to 10		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
131	6/17/2019 15:30	6/17/2019 15:34	AP	Calibration	Ion Chamber	0	0	06/17/2019 13:24 IC Calibration 131			0	0	2100	2000	2150	3000	-1500	-1500
132	6/17/2019 15:50	6/17/2019 15:54	AP	Calibration	Ion Chamber	0	0	06/17/2019 13:24 IC Calibration 132, changed shapers on D4 and U4			0	0	2100	2000	2150	3000	-1500	-1500
133	6/17/2019 15:55	6/17/2019 15:58	AP	Junk		0	0	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode			0	0	2100	2000	2150	3000	-1500	-1500
134	6/17/2019 16:10	6/17/2019 16:10	AP	Junk		0	0	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode	ADC gate was widened		0	0	2100	2000	2150	3000	-1500	-1500
135	6/17/2019 16:11	6/17/2019 16:14	AP	Junk		0	0	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode			0	0	2100	2000	2150	3000	-1500	-1500
136	6/17/2019 16:21	6/17/2019 16:54	AP	196Pb cocktail	MCP	665	614	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode, Si in	data taken with production settings We decided to put in the Si after removing the dead layer leakage current- dE: 0.04, E: 0.22	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
137	6/17/2019 16:54	6/17/2019 17:25	AP	196Pb cocktail	MCP	648	599	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
138	6/17/2019 17:26	6/17/2019 17:58	AP	196Pb cocktail	MCP	607	562	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
139	6/17/2019 17:58	6/17/2019 18:29	AP	196Pb cocktail	MCP	578	535	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
140	6/17/2019 18:36	6/17/2019 19:06	AP	196Pb cocktail	MCP	600	556	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
141	6/17/2019 19:07	6/17/2019 19:37	AP	196Pb cocktail	MCP	582	539	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
142	6/17/2019 19:37	6/17/2019 20:07	AP	196Pb cocktail	MCP	603	557	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
143	6/17/2019 20:08	6/17/2019 20:12	AP	196Pb cocktail	MCP	684	630	06/17/2019 15:55 Beam:196Pb 80+ 3.1228Tm Trig:DSAnode		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500

144	6/17/2019 22:38	6/17/2019 22:54	AP	Junk		0	0	06/17/2019 22:38 HPGe Background Trig:HPGe		0	0	2100	2000	2150	3000	-1500	-1500	
145	6/17/2019 22:58	6/17/2019 23:04	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:HPGe		0	0	2100	2000	2150	3000	-1500	-1500	
146	6/17/2019 23:58	6/18/2019 0:31	AP	196Pb cocktail	HPGe	52	44	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:HPGe	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500	
147	6/18/2019 0:31	6/18/2019 1:04	AP	196Pb cocktail	HPGe	50	42	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:HPGe	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500	
148	6/18/2019 1:05	6/18/2019 1:15	AP	196Pb cocktail	HPGe	51	43	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:HPGe	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500	
149	6/18/2019 1:30	6/18/2019 2:00	AP	196Pb cocktail	HPGe	485	448	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:HPGe, Si out	leakage current- dE: 0.04, E: 0.23	Isobutane	150	600	2100	2000	2150	3000	-1500	-1500
150	6/18/2019 2:00	6/18/2019 2:32	AP	196Pb cocktail	MCP	504	466	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	150	0	2100	2000	2150	3000	-1500	-1500
151	6/18/2019 2:41	6/18/2019 3:12	AP	196Pb cocktail	MCP	48	41	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode, Si in	Before run, Si in leakage current- dE: 0.04, E: 0.24	Isobutane	150	600	2100	2000	2150	3000	-1500	-1500
152	6/18/2019 3:27	6/18/2019 3:57	AP	196Pb cocktail	MCP	39193	625885	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	150	300	2100	2000	2150	3000	-1500	-1500
153	6/18/2019 4:07	6/18/2019 4:38	AP	196Pb cocktail	MCP	48	40	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
154	6/18/2019 4:38	6/18/2019 5:10	AP	196Pb cocktail	MCP	46	39	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
155	6/18/2019 5:10	6/18/2019 5:38	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	No scaler data	Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
156	6/18/2019 5:47	6/18/2019 6:19	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	No scaler data	Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
157	6/18/2019 6:21	6/18/2019 6:51	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	No scaler data	Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
158	6/18/2019 6:52	6/18/2019 6:57	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
159	6/18/2019 7:06	6/18/2019 7:35	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	No scaler data	Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
160	6/18/2019 7:50	6/18/2019 7:52	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
160	6/18/2019 7:52	6/18/2019 8:00	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
161	6/18/2019 8:01	6/18/2019 8:02	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
162	6/18/2019 8:04		AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
163	6/18/2019 8:07	6/18/2019 8:09	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
164	6/18/2019 8:10	6/18/2019 8:35	AP	196Pb cocktail	MCP	47	39	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
165	6/18/2019 8:36	6/18/2019 9:03	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	No scaler data	Isobutane	300	300	2100	2000	2150	3000	-1500	-1500
166	6/18/2019 9:05	6/18/2019 9:06	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
167	6/18/2019 9:08		AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
167	6/18/2019 9:30	6/18/2019 9:31	AP	Junk		0	0	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
168	6/18/2019 9:34	6/18/2019 9:52	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	No scaler data	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
169	6/18/2019 11:10	6/18/2019 11:39	AP	196Pb cocktail	MCP	-1	-1	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	Gas Handling valve opened, gas line flushed No scaler data	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
170	6/18/2019 11:40	6/18/2019 12:09	AP	196Pb cocktail	MCP	174	161	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode	leakage current- dE: 0.04, E: 0.36	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
171	6/18/2019 12:43	6/18/2019 13:19	AP	196Pb cocktail	MCP	205	192	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
172	6/18/2019 13:20	6/18/2019 13:48	AP	196Pb cocktail	MCP	215	201	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
173	6/18/2019 13:48	6/18/2019 14:00	AP	196Pb cocktail	MCP	211	197	06/17/2019 22:58 Beam:196Pb 80+ 3.1228Tm Trig:DAAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
174	6/18/2019 14:35	6/18/2019 15:38	AP	Calibration	HPGe	0	0	06/17/2019 HPGe Background Trig:HPGe	leakage current- dE: 0.05, E: 0.43	Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
175	6/18/2019 15:48	6/18/2019 15:58	AP	Calibration	HPGe	0	0	06/17/2019 HPGe source Mixed Trig:HPGe		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
176	6/18/2019 16:04	6/18/2019 16:15	AP	Calibration	HPGe	0	0	06/17/2019 HPGe source Sb125 Trig:HPGe		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
177	6/18/2019 16:22	6/18/2019 17:24	AP	Calibration	HPGe	0	0	06/17/2019 HPGe background Trig:HPGe		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
178	6/18/2019 17:24	6/18/2019 17:34	AP	Calibration	HPGe	0	0	06/17/2019 HPGe background Trig:HPGe		Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
179	6/18/2019 17:39	6/18/2019 17:44	AP	Calibration	HPGe	0	0	06/17/2019 HPGe mixed source Co60 Trig:HPGe	exchange bipole and unipole of Ge shaper	Isobutane	0	0	2100	2000	2150	3000	-1500	-1500
180	6/18/2019 17:55	6/18/2019 17:58	AP	Calibration	HPGe	0	0	06/17/2019 HPGe background Trig:HPGe	return bipole and unipole back	Isobutane	0	0	2100	2000	2150	3000	-1500	-1500

181	6/18/2019 17:58	6/18/2019 19:00	AP	Calibration	HPGe	0	0	06/17/2019 HPGe background Trig:HPGe		0	0	2100	2000	2150	3000	-1500	-1500	
182	6/18/2019 19:00	6/18/2019 19:52	AP	Calibration	HPGe	0	0	06/17/2019 HPGe background Trig:HPGe		0	0	2100	2000	2150	3000	-1500	-1500	
183	6/18/2019 19:54	6/18/2019 19:59	AP	Calibration	Pulser	0	0	06/17/2019 pulser ramp 06/17/2019 HPGe background Trig:HPGe (Maybe Junk, Electronics adjusted)		0	0	2100	2000	2150	3000	-1500	-1500	
184	6/18/2019 20:00	6/18/2019 20:16	Joe	Junk		0	0	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		0	0	2100	2000	2150	3000	-1500	-1500	
185	6/18/2019 20:34	6/18/2019 20:49	AP	196Pb cocktail	MCP	85	77	06/17/2019 196Pb 80+ CF4 Trig:DSAnode	CF4	300	600	2100	2000	2150	3000	-1500	-1500	
186	6/18/2019 20:55	6/18/2019 21:26	AP	196Pb cocktail	MCP	78	71	06/17/2019 196Pb 80+ CF4 Trig:DSAnode	increase E bias 15V to compensate leakage current pulser on IC 0.1V @ 243 for first min	CF4	300	600	2100	2000	2150	3000	-1500	-1500
187	6/18/2019 21:38	6/18/2019 22:08	AP	196Pb cocktail	MCP	959	916	06/17/2019 196Pb 80+ CF4 Trig:DSAnode, Si out	Increased the beam	CF4	300	600	2100	2000	2150	3000	-1500	-1500
188	6/18/2019 22:09	6/18/2019 22:39	AP	196Pb cocktail	MCP	931	889	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
189	6/18/2019 22:39	6/18/2019 23:10	AP	196Pb cocktail	MCP	888	849	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
190	6/18/2019 23:10	6/18/2019 23:41	AP	196Pb cocktail	MCP	825	788	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
191	6/18/2019 23:41	6/19/2019 0:12	AP	196Pb cocktail	MCP	755	721	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
192	6/19/2019 0:12	6/19/2019 0:42	AP	196Pb cocktail	MCP	763	728	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
193	6/19/2019 0:45	6/19/2019 1:15	AP	196Pb cocktail	MCP	759	725	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
194	6/19/2019 1:15	6/19/2019 1:45	AP	196Pb cocktail	MCP	767	732	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
195	6/19/2019 1:45	6/19/2019 2:18	AP	196Pb cocktail	MCP	751	717	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
196	6/19/2019 2:18	6/19/2019 2:45	AP	196Pb cocktail	MCP	718	685	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
197	6/19/2019 2:46	6/19/2019 2:55	AP	196Pb cocktail	MCP	706	674	06/17/2019 196Pb 80+ CF4 Trig:DSAnode		CF4	300	600	2100	2000	2150	3000	-1500	-1500
198	6/19/2019 3:14	6/19/2019 3:28	AP	Junk	MCP	61	53	06/17/2019 196Pb 80+ CF4 Trig:DSAnode 150 torr 300 V no TDC data, Si in	Leakage current - dE: 0.06, E: 0.45 Voltage- dE: 46, E: 305	CF4	150	300	2100	2000	2150	3000	-1500	-1500
199	6/19/2019 3:30	6/19/2019 3:42	AP	196Pb cocktail	MCP	61	54	06/17/2019 196Pb 80+ CF4 Trig:DSAnode 150 torr 300 V		CF4	150	300	2100	2000	2150	3000	-1500	-1500
200	6/19/2019 3:42	6/19/2019 3:47	AP	196Pb cocktail	MCP	64	57	06/17/2019 196Pb 80+ CF4 Trig:DSAnode 150 torr 300 V		CF4	150	300	2100	2000	2150	3000	-1500	-1500
201	6/19/2019 3:55	6/19/2019 4:10	AP	196Pb cocktail	MCP	61	54	06/17/2019 196Pb 80+ CF4 Trig:DSAnode no gas in ion chamber			0	0	2100	2000	2150	3000	-1500	-1500
202	6/19/2019 4:33	6/19/2019 4:49	AA	196Pb cocktail	MCP	57	50	06/17/2019 196Pb 80+ Isobutane 300 torr Trig:DSAnode	Leakage current - dE: 0.06, E: 0.47 with gas, IC vacuum pressure is 1.6*10^-4 torr	Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
203	6/19/2019 5:01	6/19/2019 5:30	AP	196Pb cocktail	MCP	806	753	06/17/2019 196Pb 80+ Isobutane Trig:DSAnode, Si out		Isobutane	300	600	2100	2000	2150	3000	-1500	-1500
204	6/19/2019 5:31	6/19/2019 6:00	AP	196Pb cocktail	MCP	815	758	06/17/2019 196Pb 80+ Isobutane Trig:DSAnode		Isobutane	300	0	2100	2000	2150	3000	-1500	-1500
205	6/19/2019 6:00	6/19/2019 6:29	AP	196Pb cocktail	MCP	815	758	06/17/2019 196Pb 80+ Isobutane Trig:DSAnode		Isobutane	300	0	2100	2000	2150	3000	-1500	-1500
206	6/19/2019 6:30	6/19/2019 7:00	AP	196Pb cocktail	MCP	822	763	06/17/2019 196Pb 80+ Isobutane Trig:DSAnode		Isobutane	300	0	2100	2000	2150	3000	-1500	-1500
207	6/19/2019 7:08	6/19/2019 7:12	AP	Calibration	Pulser	0	0	06/17/2019 IC OV..0.45V 19 steps Trig:Pulser			0	0	2100	2000	2150	3000	-1500	-1500
208	6/19/2019 7:18	6/19/2019 7:19	AP	Junk		0	0	06/17/2019 Si dE 0V..010V 21 steps Trig:Pulser			0	0	2100	2000	2150	3000	-1500	-1500
209	6/19/2019 7:19	6/19/2019 7:25	AP	Calibration	Pulser	0	0	06/17/2019 Si dE 0V..010V 21 steps Trig:Pulser			0	0	2100	2000	2150	3000	-1500	-1500
210	6/19/2019 7:26	6/19/2019 7:32	AP	Calibration	Pulser	0	0	06/17/2019 Si E 0V..010V 21 steps Trig:Pulser			0	0	2100	2000	2150	3000	-1500	-1500
211	6/19/2019 7:36	6/19/2019 7:44	AP	Calibration	HPGe	0	0	06/17/2019 Ge with 125Sb source Trig:Ge			0	0	2100	2000	2150	3000	-1500	-1500
212	6/19/2019 7:46	6/19/2019 8:10	AP	Calibration	HPGe	0	0	06/17/2019 Ge Background source Trig:Ge	Adam unplugged the ADC ribbon cable so last few mins are bad.		0	0	2100	2000	2150	3000	-1500	-1500
213	6/19/2019 8:16	6/19/2019 8:50	AP	Calibration	HPGe	0	0	06/17/2019 Ge Background source Trig:Ge			0	0	2100	2000	2150	3000	-1500	-1500
214	6/19/2019 8:51	6/19/2019 9:23	AP	Calibration	HPGe	0	0	06/17/2019 Ge Background source Trig:Ge			0	0	2100	2000	2150	3000	-1500	-1500
215	6/19/2019 9:23	6/19/2019 9:59	AP	Calibration	HPGe	0	0	06/17/2019 Ge Background source Trig:Ge			0	0	2100	2000	2150	3000	-1500	-1500
216	6/19/2019 9:59	6/19/2019 10:57	AA	Calibration	HPGe	0	0	06/17/2019 Ge Background source Trig:Ge			0	0	2100	2000	2150	3000	-1500	-1500