

Spectrum Astro 2006

E2E ID	Run ID	Events	Time	Trigger Rate	TEM Errors	Description	TEM Diag	1 track (%)	Event Size (Bytes)	"Raw" (Mbytes)	Digi (Mbytes)	Recon (Gbytes)	Digi/Raw	Recon/Digi
Post-Delivery														
22x	77010317	88925	1800	49.4	15	GammaFilter, no periodic trigger	OFF	55	1049	89	39	0.43	0.44	11.3
22x	77010328	85562	1800	47.5	23	GammaFilter, no periodic trigger	OFF	55	1054	86	38	0.43	0.44	11.6
22x	77010347	87499	1800	48.6	12	GammaFilter, no periodic trigger	OFF	56	1055	88	39	0.43	0.44	11.3
22x	77010365	88219	1800	49.0	16	GammaFilter, no periodic trigger	OFF	56	1058	89	39	0.43	0.44	11.3
22x	77010401	89954	1800	50.0	14	GammaFilter, no periodic trigger	OFF	56	1049	90	40	0.43	0.44	11.0
22x	77010402	89614	1800	49.8	18	GammaFilter, no periodic trigger	OFF	56	1053	90	39	0.43	0.43	11.3
22x	77010470	88806	1800	49.3	22	GammaFilter, no periodic trigger	OFF	56	1051	89	40	0.43	0.45	11.0
22x	77010471	88733	1800	49.3	23	GammaFilter, no periodic trigger	OFF	56	1052	89	40	0.43	0.45	11.0

22x	77010318	893813	1800	496.6	69	Default	OFF	72	1560	1330	1125	7.7	0.85	7.0
22x	77010329	884537	1800	491.4	69	Default	OFF	72	1577	1330	1125	7.7	0.85	7.0
22x	77010348	886431	1800	492.5	67	Default	OFF	72	1573	1330	1125	7.7	0.85	7.0
22x	77010366	890774	1800	494.9	67	Default	OFF	72	1566	1330	1125	7.7	0.85	7.0
22x	77010403	894728	1800	497.1	62	Default	OFF	72	1559	1330	1125	7.7	0.85	7.0
22x	77010404	895274	1800	497.4	63	Default	OFF	72	1558	1330	1125	7.7	0.85	7.0
22x	77010405	895155	1800	497.3	68	Default	OFF	72	1558	1330	1125	7.7	0.85	7.0
22x	77010406	896216	1800	497.9	65	Default	OFF	72	1556	1330	1125	7.7	0.85	7.0
22x	77010472	895474	1800	497.5	78	Default	OFF	72	1557	1330	1125	7.7	0.85	7.0
22x	77010473	895513	1800	497.5	65	Default	OFF	72	1557	1330	1125	7.7	0.85	7.0
22x	77010474	896134	1800	497.9	71	Default	OFF	72	1556	1330	1125	7.7	0.85	7.0
22x	77010475	893812	1800	496.6	79	Default	OFF	72	1560	1330	1125	7.7	0.85	7.0

Runs with FSW B0-6-12, New gammafilter parameters

22x	77010608	43763	1800	24.3	6	GammaFilter, no periodic trigger	OFF	43	1054	44	21	0.25	0.48	12.2
22x	77010623	43431	1800	24.1	9	GammaFilter, no periodic trigger	OFF	43	1062	44	21	0.25	0.48	12.2
22x	77010609	875722	1800	486.5	86	Default	OFF	72	1593	1330	1125	7.6	0.85	6.9
22x	77010624	873003	1800	485.0	56	Default	OFF	72	1597	1330	1125	7.6	0.85	6.9

Runs with FSW B0-6-13

22x	77010815	43395	1800	24.1	13	GammaFilter, no periodic trigger	OFF	43	1063	44	21	0.25	0.48	12.2
22x	77010816	43708	1800	24.3	12	GammaFilter, no periodic trigger	OFF	42	1080	45	21	0.25	0.47	12.2
22x	77010854	43981	1800	24.4	12	GammaFilter, no periodic trigger	OFF	42	1073	45	21	0.25	0.47	12.2
22x	77010855	44090	1800	24.5	11	GammaFilter, no periodic trigger	OFF	43	1070	45	21	0.25	0.47	12.2
22x	77010921	42880	1800	23.8	12	GammaFilter, no periodic trigger	OFF	43	1076	44	21	0.25	0.48	12.2
22x	77010922	42887	1800	23.8	9	GammaFilter, no periodic trigger	OFF	42	1076	44	21	0.25	0.48	12.2
22x	77011012	41997	1800	23.3	17	GammaFilter, no periodic trigger	OFF	42	1099	44	21	0.25	0.48	12.2
22x	77011016	41829	1800	23.2	21	GammaFilter, no periodic trigger	OFF	41	1103	44	21	0.25	0.48	12.2
22x	77011020	41086	1800	22.8	18	GammaFilter, no periodic trigger	OFF	41	1123	44	21	0.25	0.48	12.2
22x	77011024	41016	1800	22.8	9	GammaFilter, no periodic trigger	OFF	41	1125	44	21	0.25	0.48	12.2
22x	77011028	41438	1800	23.0	10	GammaFilter, no periodic trigger	OFF	41	1113	44	21	0.25	0.48	12.2
22x	77011032	41792	1800	23.2	10	GammaFilter, no periodic trigger	OFF	42	1104	44	21	0.25	0.48	12.2
22x	77011048	42461	1800	23.6	15	GammaFilter, no periodic trigger	OFF	42	1087	44	21	0.25	0.48	12.2
22x	77011056	42375	1800	23.5	8	GammaFilter, no periodic trigger	OFF	41	1089	44	21	0.25	0.48	12.2
22x	77011060	41618	1800	23.1	16	GammaFilter, no periodic trigger	OFF	42	1109	44	21	0.25	0.48	12.2
22x	77011064	42037	1800	23.4	10	GammaFilter, no periodic trigger	OFF	41	1098	44	21	0.25	0.48	12.2

22x	77010817	878938	1800	488.3	76	Default	OFF	72	1587	1330	1125	7.6	0.85	6.9
22x	77010856	887364	1800	493.0	73	Default	OFF	72	1572	1330	1125	7.6	0.85	6.9
22x	77010857	886000	1800	492.2	75	Default	OFF	72	1574	1330	1125	7.6	0.85	6.9
22x	77010858	885317	1800	491.8	75	Default	OFF	72	1575	1330	1125	7.6	0.85	6.9
22x	77010859	881871	1800	489.9	76	Default	OFF	72	1581	1330	1125	7.6	0.85	6.9
22x	77010923	880904	1800	489.4	65	Default	OFF	73	1583	1330	1125	7.6	0.85	6.9
22x	77010924	880951	1800	489.4	78	Default	OFF	73	1583	1330	1125	7.6	0.85	6.9
22x	77010925	881769	1800	489.9	63	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77010926	884150	1800	491.2	81	Default	OFF	73	1577	1330	1125	7.6	0.85	6.9
22x	77011013	880756	1800	489.3	63	Default	OFF	73	1583	1330	1125	7.6	0.85	6.9
22x	77011014	880427	1800	489.1	60	Default	OFF	72	1584	1330	1125	7.6	0.85	6.9
22x	77011015	880710	1800	489.3	79	Default	OFF	73	1584	1330	1125	7.6	0.85	6.9
22x	77011017	881399	1800	489.7	57	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77011018	881388	1800	489.7	76	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77011019	881260	1800	489.6	71	Default	OFF	73	1583	1330	1125	7.6	0.85	6.9
22x	77011021	878090	1800	487.8	69	Default	OFF	73	1588	1330	1125	7.6	0.85	6.9
22x	77011022	878135	1800	487.9	65	Default	OFF	73	1588	1330	1125	7.6	0.85	6.9
22x	77011023	876005	1800	486.7	66	Default	OFF	73	1592	1330	1125	7.6	0.85	6.9
22x	77011025	873935	1800	485.5	66	Default	OFF	73	1596	1330	1125	7.6	0.85	6.9
22x	77011026	877112	1800	487.3	70	Default	OFF	73	1590	1330	1125	7.6	0.85	6.9
22x	77011027	875683	1800	486.5	71	Default	OFF	73	1593	1330	1125	7.6	0.85	6.9
22x	77011029	874880	1800	486.0	64	Default	OFF	73	1594	1330	1125	7.6	0.85	6.9
22x	77011030	867611	1800	482.0	59	Default	OFF	73	1607	1330	1125	7.6	0.85	6.9
22x	77011031	870744	1800	483.7	76	Default	OFF	73	1602	1330	1125	7.6	0.85	6.9
22x	77011047	884359	1800	491.3	67	Default	OFF	73	1577	1330	1125	7.6	0.85	6.9
22x	77011049	887916	1800	493.3	61	Default	OFF	73	1571	1330	1125	7.6	0.85	6.9
22x	77011050	888073	1800	493.4	63	Default	OFF	72	1570	1330	1125	7.6	0.85	6.9
22x	77011051	888014	1800	493.3	70	Default	OFF	73	1570	1330	1125	7.6	0.85	6.9
22x	77011052	888211	1800	493.5	63	Default	OFF	73	1570	1330	1125	7.6	0.85	6.9
22x	77011053	885992	1800	492.2	88	Default	OFF	72	1574	1330	1125	7.6	0.85	6.9
22x	77011054	885980	1800	492.2	69	Default	OFF	73	1574	1330	1125	7.6	0.85	6.9
22x	77011055	884125	1800	491.2	60	Default	OFF	73	1577	1330	1125	7.6	0.85	6.9
22x	77011057	882793	1800	490.4	67	Default	OFF	73	1580	1330	1125	7.6	0.85	6.9
22x	77011058	883203	1800	490.7	51	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9

22x	77011059	883515	1800	490.8	69	Default	OFF	73	1578	1330	1125	7.6	0.85	6.9	
22x	77011061	882670	1800	490.4	69	Default	OFF	73	1580	1330	1125	7.6	0.85	6.9	
22x	77011062	883052	1800	490.6	68	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9	
22x	77011063	883281	1800	490.7	82	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9	
22x	77011081	880372	1800	489.1	73	Default	OFF	73	1584	1330	1125	7.6	0.85	6.9	
22x	77011082	879702	1800	488.7	62	Default	OFF	73	1585	1330	1125	7.6	0.85	6.9	
22x	77011083	880020	1800	488.9	63	Default	OFF	73	1585	1330	1125	7.6	0.85	6.9	
71x	77010996	863619	1800	479.8	68	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1615	1330	1125	7.5	0.85	6.8	
71x	77011078	868945	1800	482.7	63	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1605	1330	1125	7.5	0.85	6.8	
71x	77011079	870740	1800	483.7	82	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1602	1330	1125	7.5	0.85	6.8	
71x	77011097	875490	1800	486.4	72	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1593	1330	1125	7.5	0.85	6.8	

TKR FIFO Config 14 and 126 And New ZS Thresholds
No TKR FIFO full errors after this, More phasing errors

22x	77011130	890451	1800	494.7	5	Default	OFF	73	1566	1330	1125	7.6	0.85	6.9
22x	77011131	888324	1800	493.5	5	Default	OFF	73	1570	1330	1125	7.6	0.85	6.9
22x	77011132	887641	1800	493.1	5	Default	OFF	73	1571	1330	1125	7.6	0.85	6.9
22x	77011153	881317	1800	489.6	6	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77011154	881920	1800	490.0	3	Default	OFF	73	1581	1330	1125	7.6	0.85	6.9
22x	77011155	881460	1800	489.7	2	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77011176	888074	1800	493.4	6	Default	OFF	73	1570	1330	1125	7.6	0.85	6.9
22x	77011178	887764	1800	493.2	5	Default	OFF	73	1571	1330	1125	7.6	0.85	6.9
22x	77011199	884224	1800	491.2	2	Default	OFF	73	1577	1330	1125	7.6	0.85	6.9
22x	77011200	883404	1800	490.8	2	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9
22x	77011201	883885	1800	491.0	6	Default	OFF	73	1578	1330	1125	7.6	0.85	6.9
22x	77011221	881503	1800	489.7	2	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77011223	884097	1800	491.2	2	Default	OFF	73	1577	1330	1125	7.6	0.85	6.9
22x	77011245	889885	1800	494.4	3	Default	OFF	73	1567	1330	1125	7.6	0.85	6.9
22x	77011246	889109	1800	493.9	3	Default	OFF	73	1569	1330	1125	7.6	0.85	6.9
22x	77011247	885567	1800	492.0	5	Default	OFF	73	1575	1330	1125	7.6	0.85	6.9
22x	77011268	886951	1800	492.8	4	Default	OFF	73	1572	1330	1125	7.6	0.85	6.9
22x	77011269	886288	1800	492.4	5	Default	OFF	73	1574	1330	1125	7.6	0.85	6.9
22x	77011270	886586	1800	492.5	6	Default	OFF	73	1573	1330	1125	7.6	0.85	6.9
22x	77011297	891930	1800	495.5	4	Default	OFF	73	1564	1330	1125	7.6	0.85	6.9
22x	77011298	891400	1800	495.2	7	Default	OFF	73	1565	1330	1125	7.6	0.85	6.9
22x	77011320	883319	1800	490.7	5	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9
22x	77011321	882574	1800	490.3	5	Default	OFF	73	1580	1330	1125	7.6	0.85	6.9
22x	77011322	883311	1800	490.7	5	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9
22x	77011343	888312	1800	493.5	1	Default	OFF	73	1570	1330	1125	7.6	0.85	6.9
22x	77011344	886551	1800	492.5	8	Default	OFF	73	1573	1330	1125	7.6	0.85	6.9

22x	77011366	883833	1800	491.0	5	Default	OFF	73	1578	1330	1125	7.6	0.85	6.9
22x	77011367	882617	1800	490.3	3	Default	OFF	73	1580	1330	1125	7.6	0.85	6.9
22x	77011368	882707	1800	490.4	3	Default	OFF	73	1580	1330	1125	7.6	0.85	6.9
22x	77011389	878932	1800	488.3	8	Default	OFF	73	1587	1330	1125	7.6	0.85	6.9
22x	77011390	881355	1800	489.6	5	Default	OFF	73	1582	1330	1125	7.6	0.85	6.9
22x	77011391	880708	1800	489.3	3	Default	OFF	73	1584	1330	1125	7.6	0.85	6.9
22x	77011412	887955	1800	493.3	9	Default	OFF	73	1571	1330	1125	7.6	0.85	6.9
22x	77011413	887714	1800	493.2	5	Default	OFF	73	1571	1330	1125	7.6	0.85	6.9
22x	77011414	886336	1800	492.4	3	Default	OFF	73	1573	1330	1125	7.6	0.85	6.9
22x	77011435	885600	1800	492.0	7	Default	OFF	73	1575	1330	1125	7.6	0.85	6.9
22x	77011436	883248	1800	490.7	6	Default	OFF	73	1579	1330	1125	7.6	0.85	6.9
22x	77011437	884881	1800	491.6	5	Default	OFF	73	1576	1330	1125	7.6	0.85	6.9
22x	77011462	893420	1800	496.3	6	Default	OFF	73	1561	1330	1125	7.6	0.85	6.9
22x	77011463	894496	1800	496.9	4	Default	OFF	73	1559	1330	1125	7.6	0.85	6.9
22x	77011464	893912	1800	496.6	3	Default	OFF	73	1560	1330	1125	7.6	0.85	6.9
22x	77011485	892296	1800	495.7	3	Default	OFF	73	1563	1330	1125	7.6	0.85	6.9
22x	77011486	890714	1800	494.8	7	Default	OFF	73	1566	1330	1125	7.6	0.85	6.9
22x	77011487	891288	1800	495.2	4	Default	OFF	73	1565	1330	1125	7.6	0.85	6.9
22x	77011526	891858	1800	495.5	5	Default	OFF	73	1564	1330	1125	7.6	0.85	6.9
22x	77011527	891883	1800	495.5	6	Default	OFF	73	1564	1330	1125	7.6	0.85	6.9
22x	77011560	894522	1800	497.0	4	Default	OFF	73	1559	1330	1125	7.6	0.85	6.9
22x	77011561	894911	1800	497.2	5	Default	OFF	73	1558	1330	1125	7.6	0.85	6.9
22x	77011583	892593	1800	495.9	4	Default	OFF	73	1562	1330	1125	7.6	0.85	6.9
22x	77011584	893795	1800	496.6	3	Default	OFF	73	1560	1330	1125	7.6	0.85	6.9
22x	77011606	892474	1800	495.8	6	Default	OFF	73	1563	1330	1125	7.6	0.85	6.9
22x	77011607	894118	1800	496.7	5	Default	OFF	73	1560	1330	1125	7.6	0.85	6.9
22x	77011628	896673	1800	498.2	11	Default	OFF	73	1555	1330	1125	7.6	0.85	6.9
22x	77011629	897833	1800	498.8	5	Default	OFF	73	1553	1330	1125	7.6	0.85	6.9
22x	77011651	890717	1800	494.8	6	Default	OFF	73	1566	1330	1125	7.6	0.85	6.9
22x	77011653	890935	1800	495.0	6	Default	OFF	73	1565	1330	1125	7.6	0.85	6.9

71x	77011126	879422	1800	488.6	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1656	1389	1224	7.7	0.88	6.4
71x	77011127	880037	1800	488.9	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011128	878957	1800	488.3	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1657	1389	1224	7.7	0.88	6.4
71x	77011148	870128	1800	483.4	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1674	1389	1224	7.7	0.88	6.4
71x	77011149	871753	1800	484.3	4	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1671	1389	1224	7.7	0.88	6.4
71x	77011150	871212	1800	484.0	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1672	1389	1224	7.7	0.88	6.4
71x	77011171	866481	1800	481.4	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1681	1389	1224	7.7	0.88	6.4
71x	77011172	870649	1800	483.7	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1673	1389	1224	7.7	0.88	6.4
71x	77011173	872940	1800	485.0	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1668	1389	1224	7.7	0.88	6.4
71x	77011174	871442	1800	484.1	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1671	1389	1224	7.7	0.88	6.4
71x	77011194	873071	1800	485.0	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1668	1389	1224	7.7	0.88	6.4
71x	77011195	871955	1800	484.4	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1670	1389	1224	7.7	0.88	6.4
71x	77011197	872436	1800	484.7	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1669	1389	1224	7.7	0.88	6.4
71x	77011217	869814	1800	483.2	4	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1674	1389	1224	7.7	0.88	6.4
71x	77011218	868424	1800	482.5	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1677	1389	1224	7.7	0.88	6.4
71x	77011240	880314	1800	489.1	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1654	1389	1224	7.7	0.88	6.4
71x	77011241	880151	1800	489.0	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011242	881388	1800	489.7	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1652	1389	1224	7.7	0.88	6.4
71x	77011243	879254	1800	488.5	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1656	1389	1224	7.7	0.88	6.4
71x	77011263	872967	1800	485.0	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1668	1389	1224	7.7	0.88	6.4

71x	77011264	873920	1800	485.5	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1667	1389	1224	7.7	0.88	6.4
71x	77011265	873384	1800	485.2	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1668	1389	1224	7.7	0.88	6.4
71x	77011266	874036	1800	485.6	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1666	1389	1224	7.7	0.88	6.4
71x	77011286	879455	1800	488.6	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1656	1389	1224	7.7	0.88	6.4
71x	77011287	879614	1800	488.7	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1656	1389	1224	7.7	0.88	6.4
71x	77011288	882471	1800	490.3	4	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1650	1389	1224	7.7	0.88	6.4
71x	77011289	883651	1800	490.9	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1648	1389	1224	7.7	0.88	6.4
71x	77011315	871583	1800	484.2	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1671	1389	1224	7.7	0.88	6.4
71x	77011316	871922	1800	484.4	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1670	1389	1224	7.7	0.88	6.4
71x	77011317	871126	1800	484.0	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1672	1389	1224	7.7	0.88	6.4
71x	77011318	871114	1800	484.0	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1672	1389	1224	7.7	0.88	6.4
71x	77011341	872239	1800	484.6	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1670	1389	1224	7.7	0.88	6.4
71x	77011361	871984	1800	484.4	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1670	1389	1224	7.7	0.88	6.4
71x	77011362	879878	1800	488.8	5	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011363	869271	1800	482.9	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1676	1389	1224	7.7	0.88	6.4
71x	77011364	870581	1800	483.7	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1673	1389	1224	7.7	0.88	6.4
71x	77011384	867212	1800	481.8	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1679	1389	1224	7.7	0.88	6.4
71x	77011386	867057	1800	481.7	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1680	1389	1224	7.7	0.88	6.4
71x	77011387	867330	1800	481.9	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1679	1389	1224	7.7	0.88	6.4
71x	77011407	873825	1800	485.5	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1667	1389	1224	7.7	0.88	6.4
71x	77011408	874951	1800	486.1	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1665	1389	1224	7.7	0.88	6.4
71x	77011410	873384	1800	485.2	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1668	1389	1224	7.7	0.88	6.4
71x	77011430	873844	1800	485.5	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1667	1389	1224	7.7	0.88	6.4
71x	77011433	872582	1800	484.8	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1669	1389	1224	7.7	0.88	6.4
71x	77011453	872091	1800	484.5	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1670	1389	1224	7.7	0.88	6.4
71x	77011454	873803	1800	485.4	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1667	1389	1224	7.7	0.88	6.4
71x	77011459	880877	1800	489.4	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1653	1389	1224	7.7	0.88	6.4
71x	77011460	880672	1800	489.3	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1654	1389	1224	7.7	0.88	6.4
71x	77011480	878013	1800	487.8	4	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1659	1389	1224	7.7	0.88	6.4
71x	77011481	878972	1800	488.3	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1657	1389	1224	7.7	0.88	6.4
71x	77011521	879841	1800	488.8	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011522	879943	1800	488.9	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011554	876679	1800	487.0	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1661	1389	1224	7.7	0.88	6.4
71x	77011555	878250	1800	487.9	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1658	1389	1224	7.7	0.88	6.4
71x	77011556	877191	1800	487.3	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1660	1389	1224	7.7	0.88	6.4
71x	77011557	879884	1800	488.8	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011577	879504	1800	488.6	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1656	1389	1224	7.7	0.88	6.4
71x	77011578	879081	1800	488.4	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1657	1389	1224	7.7	0.88	6.4
71x	77011579	877950	1800	487.8	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1659	1389	1224	7.7	0.88	6.4
71x	77011580	880053	1800	488.9	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1655	1389	1224	7.7	0.88	6.4
71x	77011600	882209	1800	490.1	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1651	1389	1224	7.7	0.88	6.4
71x	77011601	881164	1800	489.5	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1653	1389	1224	7.7	0.88	6.4
71x	77011602	881720	1800	489.8	4	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1652	1389	1224	7.7	0.88	6.4
71x	77011603	882563	1800	490.3	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1650	1389	1224	7.7	0.88	6.4
71x	77011623	887611	1800	493.1	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1641	1389	1224	7.7	0.88	6.4
71x	77011624	885724	1800	492.1	0	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1644	1389	1224	7.7	0.88	6.4
71x	77011625	884693	1800	491.5	1	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1646	1389	1224	7.7	0.88	6.4
71x	77011646	878264	1800	487.9	3	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1658	1389	1224	7.7	0.88	6.4
71x	77011647	878869	1800	488.3	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1657	1389	1224	7.7	0.88	6.4
71x	77011648	877112	1800	487.3	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1661	1389	1224	7.7	0.88	6.4
71x	77011649	878963	1800	488.3	2	CAL muon gain, TKR&&ROI in 4-range readout	OFF	73	1657	1389	1224	7.7	0.88	6.4