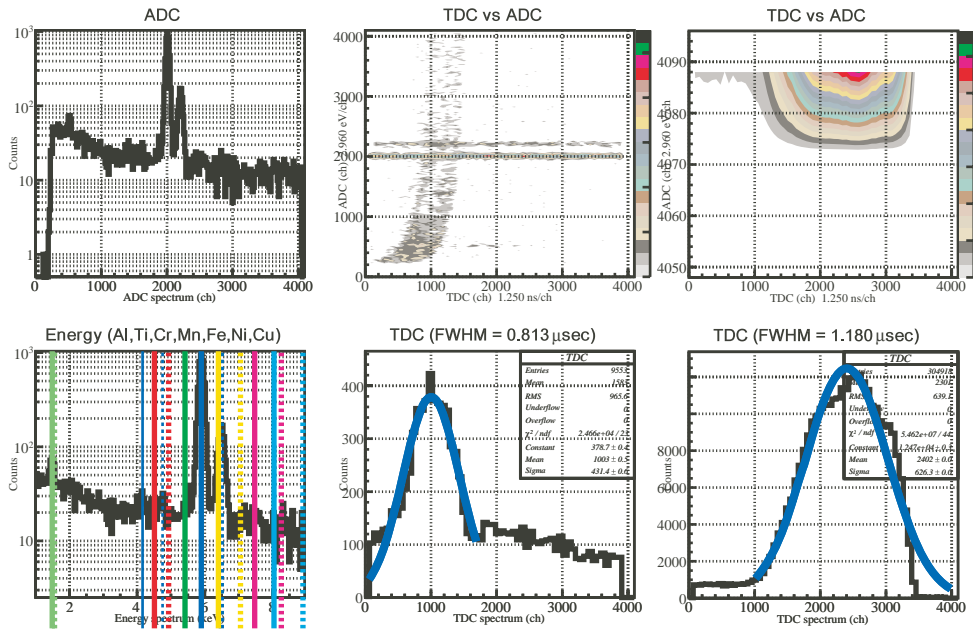
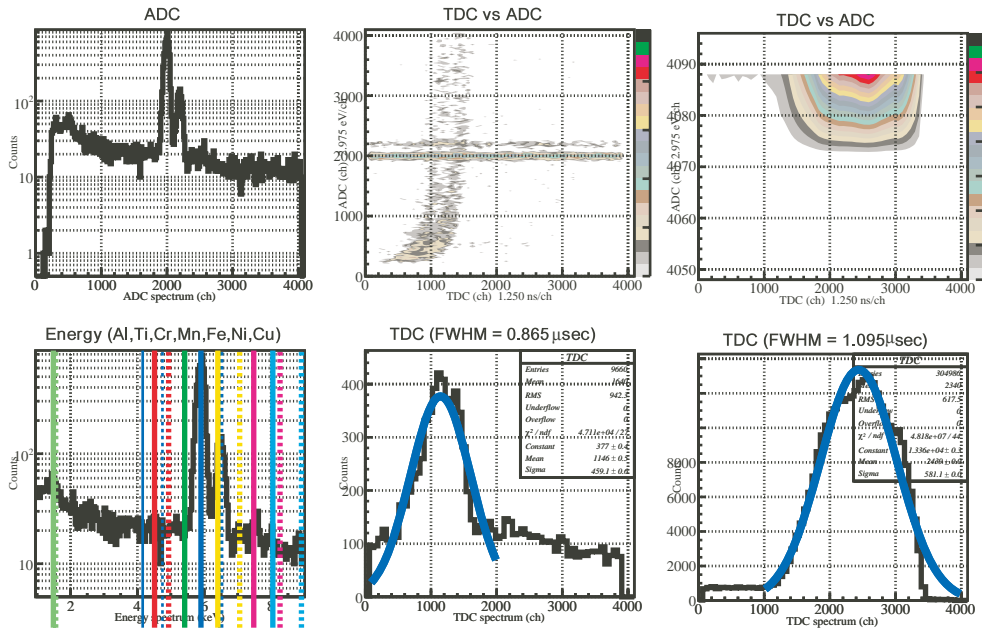


run	SDD HV			pion ovfl		pion band		Fe55 fit beamON		Fe55 fit beamOFF	
	RX	R1	Back	mean	FWHM	mean	FWHM	mean	FWHM	mean	FWHM
65	-100.0	-5.1	-60.0	2316	1.177	1020	0.783	1074.83	190.669	1075.05	190.270
70	-130.0	-5.0	-62.0	2535	1.181	965	0.734	1070.23	215.887	1070.14	214.525
71	-130.0	-5.0	-62.0	2521	1.194	868	0.792	2000.55	201.734	2000.22	201.333
72	-120.0	-5.0	-50.0	2357	1.404	332	1.137	2006.38	189.493	2006.78	189.498
73	-130.0	-5.0	-50.0	2426	1.373	299	0.752	2006.08	189.969	2006.05	194.286
74	-130.0	-5.0	-50.0	2418	1.386	293	0.765	2004.81	190.118	2005.06	191.143
75	-130.0	-15.0	-60.0	2361	1.412	397	0.774	2005.70	181.852	2005.54	180.909
78	-120.0	-5.0	-60.0	2474	1.194	965	0.795	2007.32	185.603	2007.49	184.071
80	-150.0	-20.0	-4.9	1778	2.218	1414	4.327	1999.03	229.802	1999.34	225.979
83	-145.0	-4.7	-30.9	2288	1.668	-104	1.106	2005.10	189.518	2005.12	193.673
84	-160.0	-4.7	-30.9	2460	1.383	317	0.909	2005.55	193.619	2005.65	190.779
88	-100.0	-4.0	-62.0	2439	1.095	1146	0.865	1995.90	228.472	1995.49	227.907
90	-110.2	-10.3	-64.1	2402	1.180	1003	0.813	2008.07	175.413	2008.09	174.976
91	-105.0	-10.3	-64.1	2377	1.179	1009	0.849	2008.79	180.875	2008.50	178.767

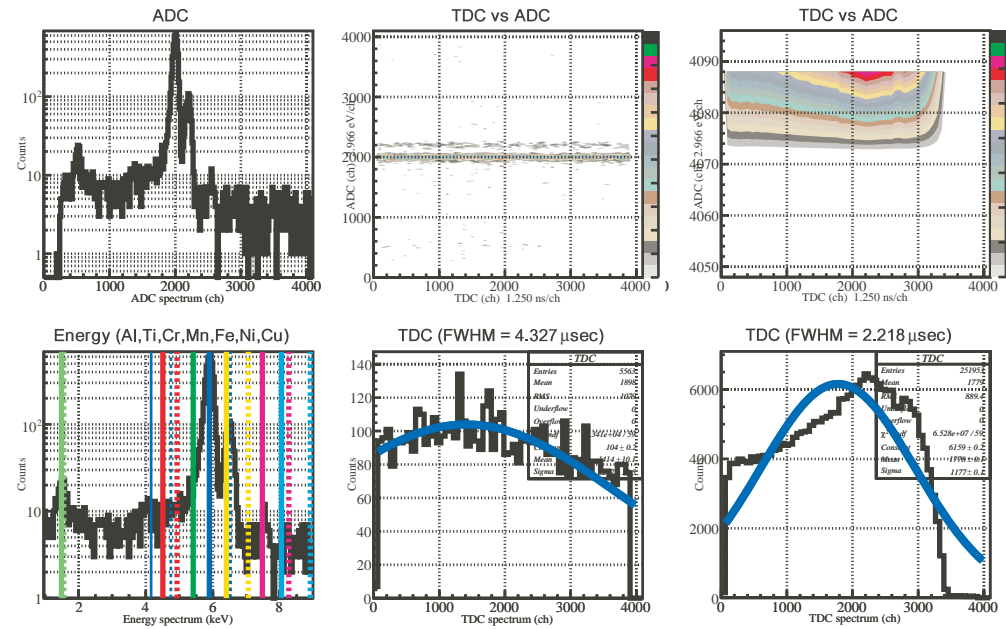
RUN 90



RUN 88



RUN 80



TKO scaler (REF) information ... location : slot 15 (most downstream side)

after moving TKO slot (slot 1 -> 15)

Normal run (run120) ... 2 hours -----

No cut		spill off		spill on
TLhit =	24345500 ... 3382.008953 Hz	8724 ...	3.290295 Hz	22432552 ... 8480.688629 Hz
TMhit =	31108252 ... 4321.471598 Hz	8124 ...	3.064002 Hz	28668960 ... 10838.380005 Hz
TRhit =	22488488 ... 3124.038026 Hz	8273 ...	3.120198 Hz	20723728 ... 7834.662966 Hz
SDDRSTV =	2724205 ... 378.438960 Hz	222040 ...	83.743355 Hz	2174513 ... 822.080683 Hz
TKOacc =	2062440 ... 286.508412 Hz	194466 ...	73.343701 Hz	1601973 ... 605.630345 Hz
TMcoin =	1688980 ... 234.628391 Hz	17 ...	0.006412 Hz	1556394 ... 588.399077 Hz
TLcoin =	120663 ... 16.762167 Hz	12 ...	0.004526 Hz	113285 ... 42.827709 Hz
TRcoin =	112632 ... 15.646523 Hz	12 ...	0.004526 Hz	105605 ... 39.924264 Hz
RSTNum =	135357 ... 18.803417 Hz	21819 ...	8.229131 Hz	91889 ... 34.738892 Hz
BPLNum =	371 ... 0.051538 Hz	144 ...	0.054310 Hz	136 ... 0.051415 Hz
Clock =	7198532096 ... 1000000 Hz	2651434240 ...	1000000 Hz	2645133312 ... 1000000 Hz
Clock =	119.976min (7198.532sec)	44.191min (2651.434sec)		44.086min (2645.133sec)
NumSpill=	1769	1769		1769
frequency of resets =	18.80342 Hz		8.22913 Hz	34.73889 Hz
frequency of bipolar noise =	0.05154 Hz		0.05431 Hz	0.05142 Hz

--> consistent with VME visual scaler (100MHz) results

TKO scaler (REF) information ... location : slot 1 (most upstream side)

before moving TKO slot (slot 1 -> 15)

4times higher intensity run (run108) ... 1hours -----

No cut		spill off		spill on
TLhit =	40353120 ... 24453.983496 Hz	9894 ...	40.802961 Hz	37135520 ... 33695.871333 Hz
TMhit =	52847840 ... 32025.781579 Hz	9954 ...	41.050402 Hz	48630512 ... 44126.148636 Hz
TRhit =	39565340 ... 23976.588957 Hz	9637 ...	39.743091 Hz	36406324 ... 33034.216545 Hz
SDDRSTV =	3585515 ... 2172.821448 Hz	102818 ...	424.022527 Hz	3142016 ... 2850.989211 Hz
TKOacc =	2377620 ... 1440.837294 Hz	98172 ...	404.862374 Hz	2013655 ... 1827.141771 Hz
TMcoin =	2691750 ... 1631.200018 Hz	33 ...	0.136092 Hz	2472253 ... 2243.262488 Hz
TLcoin =	533864 ... 323.521488 Hz	16 ...	0.065984 Hz	503394 ... 456.767522 Hz
TRcoin =	521772 ... 316.193739 Hz	15 ...	0.061860 Hz	491893 ... 446.331793 Hz
RSTNum =	171539 ... 103.952603 Hz	12383 ...	51.067624 Hz	139288 ... 126.386557 Hz
BPLNum =	608 ... 0.368448 Hz	214 ...	0.882538 Hz	209 ... 0.189642 Hz
Clock =	1650165504 ... 1000000 Hz	242482400 ...	1000000 Hz	1102079232 ... 1000000 Hz
Clock =	27.503min (1650.166sec)	4.041min (242.482sec)		18.368min (1102.079sec)
NumSpill=	369	369		369
frequency of resets =	103.95260 Hz	51.06762 Hz		126.38656 Hz
frequency of bipolar noise =	0.36845 Hz	0.88254 Hz		0.18964 Hz

Normal run (run99) ... 2hours -----

No cut		spill off		spill on
TLhit =	21206994 ... 10255.558869 Hz	11828 ...	24.537362 Hz	21206994 ... 10255.558869 Hz
TMhit =	27084084 ... 13097.679845 Hz	9642 ...	20.002472 Hz	27084084 ... 13097.679845 Hz
TRhit =	19622470 ... 9489.293780 Hz	11601 ...	24.066447 Hz	19622470 ... 9489.293780 Hz
SDDRSTV =	1932154 ... 934.376607 Hz	208368 ...	432.262510 Hz	1932154 ... 934.376607 Hz
TKOacc =	1595309 ... 771.480643 Hz	195773 ...	406.133995 Hz	1595309 ... 771.480643 Hz
TMcoin =	1469513 ... 710.646548 Hz	18 ...	0.037341 Hz	1469513 ... 710.646548 Hz
TLcoin =	97289 ... 47.048302 Hz	8 ...	0.016596 Hz	97289 ... 47.048302 Hz
TRcoin =	91927 ... 44.455275 Hz	10 ...	0.020745 Hz	91927 ... 44.455275 Hz
RSTNum =	93191 ... 45.066537 Hz	29532 ...	61.264572 Hz	93191 ... 45.066537 Hz
BPLNum =	79 ... 0.038204 Hz	97 ...	0.201228 Hz	79 ... 0.038204 Hz
Clock =	2067853568 ... 1000000 Hz	482040416 ...	1000000 Hz	2067853568 ... 1000000 Hz
Clock =	34.464min (2067.854sec)	8.034min (482.040sec)		34.464min (2067.854sec)
NumSpill=	609	609		609
frequency of resets =	45.06654 Hz	61.26457 Hz		45.06654 Hz
frequency of bipolar noise =	0.03820 Hz	0.20123 Hz		0.03820 Hz