

	Date	start time	stop time	Duration	Beam	Reaction target	Trigger condition	GGD	V_GG_high_mv V_GG_low_mv V_GG_HV	Anode	comment in log note & clog	comment in DAQ log	
820	2015-10-22	14:26:58	14:27:01	3s	795e, H target	0.1 mm Sn					junk	1st beam in samurai	
821		14:41:46	14:41:47	1s	795e, H target	0.1 mm Sn					junk	beam in samurai	
822		14:42:29	14:42:54	25s	795e, H target	0.1 mm Sn						beam in SAMURAI	
823		15:11:47	15:12:18	31s	795e, H target	0.1 mm Sn							
824		15:48:24	15:58:42	10min 18s	795e, H target	0.1 mm Sn	Trig. Start Scintillator			200 V	good events 16,21,30,40,43,47,49(stopped) track1,71,73,80(stopped) track1,81,83,100(stopped) track1,109,126	Beam, anode 200V, start counter trig	
825		16:09:54	16:09:57	3s	795e, H target	0.1 mm Sn					junk		
826		16:10:57	16:17:28	6min 31s	795e, H target	0.1 mm Sn	Trig. Start Scintillator			500 V	20% efficiency up	beam on : anode 500V	
827		16:19:02	16:30:06	11min 4s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD on		500 V		beam data with GGD	
828		16:30:52	16:31:29	37s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD on		500 V		same as 827	
829	changed run number				795e, H target	0.1 mm Sn					junk		
830		16:33:32	16:44:51	11min 19s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD on		500 V	saving scaler data with same run#	same as before	
831		16:48:09	16:51:55	3min 46s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD on		500 V		same as 830 GGD on	
832		17:31:27	17:36:57	5min 30s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD always open		570 V		anode wire 570V : gg open, start trig	
833		17:39:42	17:54:37	14min 55s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD always open		610 V	72 (beam stopped nice event)	anode wire 610V, gg always open	
834		17:56:01	18:11:42	15min 41s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD always open		700 V	75fe Beam 200 MeV/A Farly plot	anode 700V : gg always on	
835		19:47:37	20:10:29	22min 52s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD test as changing Vang: R=16.83ohm >= 152.44V : 128.01V	-152.340	-152.340	680V	GGD test as changing Vang: R=16.83ohm	GGD test with 16.83ohm
836		20:12:19	20:34:37	22min 18s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=14.83ohm >= 142.55V : 125.00V	-142.550	-142.550	680V	R=14.83ohm	GGD test with 14.83ohm
837		20:36:39	20:36:51	12s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=6ohm >= 41.07V : 41.043V	-41.070	-41.070	680V	R=6ohm	GGD test with 6ohm
838		20:37:23	20:57:40	20min 17s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=11.84 >= 114.8V : 114.81V	-114.800	-114.800	680V	R=11.84ohm	GGD test with 11.84ohm
839		20:59:59	21:05:44	5min 45s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=11.84 >= 114.8V : 117.88V	-114.800	-114.800	680V	beam in TPC center (2.6 Tm): 0.15Aq @ samurai, TPC trigger rate : 20Hz	GGD test, beam 30Hz, 11.84ohm
840		22:55:19	22:58:30	3min 11s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=13.71 >= 132.76V : 132.84V	-132.760	-132.760	680V		GGD test, 13.71ohm
841		23:01:06	23:04:51	3min 45s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=12.81 >= 124.36V : 119.42V	-124.360	-124.360	680V		GGD test 12.81ohm
842		23:07:04	23:10:39	3min 35s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=10.75 >= 103.26V : 111.15V	-103.260	-103.260	680V		GGD test, 10.75ohm
843		23:12:10	23:15:52	3min 42s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=9.97 >= 94.43V : 108.6V	-94.430	-94.430	680V		GGD test, 9.97ohm
844		23:17:12	23:20:48	3min 36s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=9.02 >= 83.11V : 104.1V	-83.100	-83.100	680V		GGD test, 9.02ohm
845		23:28:31	23:31:57	3min 26s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=8.01 >= 70.11V : 98.95V	-70.110	-70.110	680V		GGD test, 8.01ohm
846		23:33:19	23:37:34	4min 15s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	R=7.01 >= 56.22V : 92.83V	-56.220	-56.220	680V		GGD test, 7.01ohm
847		23:51:20	23:55:25	4min 5s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	GGD test for Vdiff, 70Vdiff, -140V, -44.87V	-44.873	-184.873	680V		GGD test Vdiff, -140V : -44.8
848		23:57:06	00:00:14	3min 8s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	60Vdiff, -119.9V, -54.79V	-54.790	-174.690	680V	beam stopped - 23:59	GGD Vdiff test, 60Vdiff
849		00:21:34	00:25:39	4min 5s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	60Vdiff, -119.9V, -54.79V	-54.790	-174.690	680V		GGD test, 60Vdiff
850	2015-10-23	00:26:54	00:27:01	7s	795e, H target	0.1 mm Sn	Trig. Start Scintillator				680V	junk	GGD Vdiff test, 50Vdiff
851		00:31:20	00:31:20	3min 27s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	50Vdiff, -89.8V, -64.79V	-64.790	-164.590	680V		GGD test, 50Vdiff
852		00:32:40	00:36:56	4min 16s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	40Vdiff, -79.8V, 74.78V	-74.780	-154.580	680V		GGD Vdiff test, 40Vdiff
853		00:38:50	00:42:44	3min 54s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	30Vdiff, -69V, -84.81V	-84.810	-144.810	680V		GGD Vdiff test, 30Vdiff
854		00:43:54	00:47:44	3min 50s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	20Vdiff, -59.0V, -94.78V	-94.780	-134.680	680V		GGD Vdiff test, 20Vdiff
855		00:48:54	00:52:24	3min 30s	795e, H target	0.1 mm Sn	Trig. Start Scintillator	10Vdiff, -20V, -104.76V	-104.760	-124.760	680V		GGD Vdiff test, 10Vdiff
856		03:07:21	03:12:38	5min 17s	795e, H target	0.1 mm Sn	alternative trigger (Start Counter & Veto After & Veto of Active Collimator or Veto Left/Right or Veto After & deadline of cobo)	GGD on, Vb=-64.89V, Vt=-99.8V, Vt=-99.8V	-64.890	-164.690	680 V		GGD on, Vb=-64.89, Vt=-99.8V, trigger : alternative trigger
857		03:19:43	03:20:16	33s	795e, H target	0.1 mm Sn					680 V	junk	GGD on, alternative trigger
858		03:21:28	03:25:21	3min 53s	795e, H target	0.1 mm Sn	alternative trigger (Start Counter & Veto scintillators & deadline of cobo After) & deadline of cobo	GGD on			680 V		GGD on, alternative trigger
859		03:55:47	03:57:44	1min 57s	795e, H target	0.1 mm Sn	Start & Veto Katana trigger & veto scintillators & deadline of cobo				680 V	junk due to trigger problem (change to Katana veto)	trigger test, katana veto trigger
860		04:05:14	04:10:19	5min 5s	795e, H target	0.1 mm Sn	Start & Veto Katana trigger & veto scintillators & deadline of cobo				680 V	junk due to trigger problem	trigger test, katana veto
861		04:46:11	04:49:31	3min 20s	795e, H target	0.1 mm Sn	alternative trigger				680 V	return to previous trigger to check junk data (Katana veto not working)	trigger test, alternative trigger
862		05:33:45	05:38:45	5min	795e, H target	9 mm Al	Start & Veto Katana trigger & veto scintillators & deadline of cobo				1420 V	thick Al target, cosmic anode setting	
863		05:45:49	05:54:54	9min 5s	795e, H target	9 mm Al	Start & Veto Katana trigger & veto scintillators & deadline of cobo				1420 V	cosmic anode HV (Katana veto not working)	same as run0863
864		06:07:54	06:23:15	15min 21s	795e, H target	9 mm Al	Start & Veto Katana trigger & veto scintillators & deadline of cobo				1420 V	(Katana veto not working)	same as run0864
865		06:23:56	06:25:12	1min 16s	795e, H target	9 mm Al	Start & Veto Katana trigger & veto scintillators & deadline of cobo				1420 V	(Katana veto not working)	same as previous
866		06:38:26	07:01:09	22min 43s	795e, H target	9 mm Al	alternative trigger				1420 V	increase beam x3 @ 06:35	beam x 2, same trigger
867		07:16:19	07:17:32	1min 13s	795e, H target	9 mm Al	alternative trigger				1420 V	junk	Changed the trigger. Kyoto M-2 and start counter
868		07:26:13	07:28:56	2min 43s	795e, H target	9 mm Al	kyoto m-2 & start & veto scintillators & deadline of cobo				1420 V		Restart DAQ. Bill fixed the trigger. Let's see
869		07:30:47	07:34:19	3min 32s	795e, H target	9 mm Al	kyoto m-2 & start & veto scintillators & deadline of cobo				1420 V	8kHz @ samurai	same as 869
870		07:37:33	08:18:47	41min 14s	795e, H target	9 mm Al	kyoto m-2 & start & veto scintillators & deadline of cobo				1420 V	4kHz @ samurai, 4Hz trigger rate	40kHz @ samurai
871		08:40:15	08:41:34	1min 19s	795e, H target	9 mm Al	start & Katana veto & veto scintillators & deadline of cobo				1420 V	Start ~1.5 kHz, trigger (waitest ~3 kHz)	Katana and start veto and veto deadline
872		09:45:00	10:02:32	17min 32s	795e, H target	9 mm Al	start & Katana veto & veto scintillators & deadline of cobo				1420 V	15kHz @ samurai, 50Hz trigger rate	Katana and start veto and veto deadline

