L1Summary Run 210885

TriggerShiftPlots WBMTriggerRates

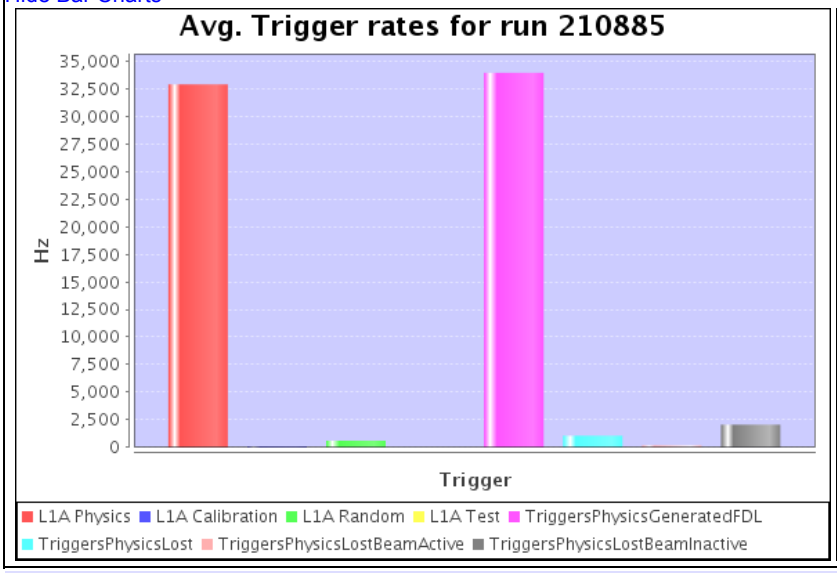
L1Summary Key	TSC_20130124_002981_collisions_BASE
GTKey	gt_2013_coll_15
GTRunSettingKey	gtrs_2013_pPb_296bunches_14
L1Menu	L1Menu_CollisionsHeavyIons2013_v1/L1T_Scales_20101224/Imp0/0x102e
GTSource	Physics Random Calib – **Algo:** true **Tech:** true **TechVeto:** true
L1MuonTriggers	**RPCB:** true **CSC:** true **DT:** true **RPCF:** true
CalorimeterTriggerKeys	**GCT:**V38_14_Ext38_2012_06_04_JetSeedThreshDefault **RCT:**EEG_EHSUMS_TAU4_FGNOHOE_CALIBV4_09JAN13 **ECal:**BEAMV6_TRANS_SPIKEKILL **HCal:**Physics2012v5_HBHE50_HO50_HFCFG_HFFG2
MuonTriggerKeys	**GMT:**gmt2012_0_EarlyRPC **DT:**Collisions12_2 **DTTF:**dttf12_TSC_03_csc_col **CSCTF:**240412 **CSC:**n/a **RPC:**LHC8_1EX **TTCMI:**beam1-manual-20110413

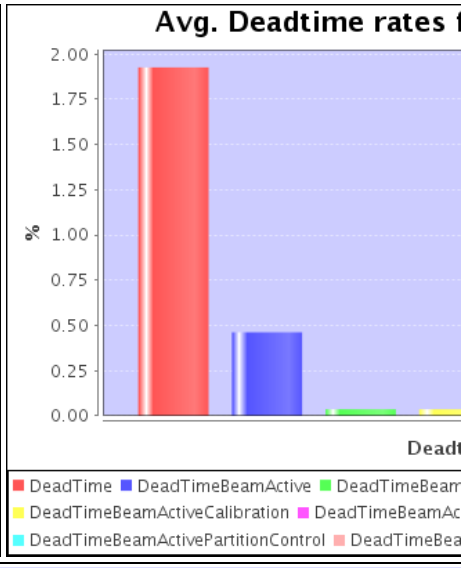
LS number from to

Submit Query

L1A Physics	715576057	32,902.15 *Hz*	**D**
L1A Calibration	2162923	99.45 *Hz*	**DeadTimeBea**
L1A Random	13043760	599.75 *Hz*	**DeadTimeBeamActiveTrig**
L1A Test	0	0.00 *Hz*	**DeadTimeBeamActiveCa**
TriggersPhysicsGeneratedFDL	738567103	33,959.28 *Hz*	**DeadTimeBeamActivePriv**
TriggersPhysicsLost	22991046	1,057.13 *Hz*	**DeadTimeBeamActivePartitio**
TriggersPhysicsLostBeamActive	3687604	169.56 *Hz*	**DeadTimeBeamActiveT**
TriggersPhysicsLostBeamInactive	44622758	2,051.75 *Hz*	***Evaluated DA***

Hide Bar Charts





L1Summary Algorithm Triggers

Bit	Name	Pre-DT Counts	Pre-DT Rate, Hz	Pre-DT RMS Rate, Hz	Post-DT Counts	Post-DT Rate, Hz	Post-DT RMS Rate, Hz	InitialPrescale	FinalPresc
0	**L1_ZeroBias**	**21087972**	**969.62**	**983.56**	**20999965**	**964.54**	**978.97**	**3329**	
1	**L1_AlwaysTrue**	**11145457**	**512.47**	**512.47**	**10090864**	**463.48**	**464.09**	**241**	
2	L1_BeamGas_Hf_BptxPlusPostQuiet	91825	4.22	4.31	1573	0.07	0.09	1	
3	L1_DoubleJet20	15181086	698.03	732.42	14878099	683.36	718.37	1	
4	L1_BeamGas_Hf_BptxMinusPostQuiet	118968	5.47	5.60	5157	0.24	0.26	1	
5	L1_BscHighMultiplicity_BptxAND	10788740	496.07	528.67	10736736	493.15	525.72	1	
6	L1_HTT50	735078	33.80	35.13	683288	31.38	32.80	1	
7	**L1_ETT40**	**50703315**	**2,331.34**	**2,455.35**	**50372653**	**2,313.65**	**2,438.00**	**1**	
8	L1_BeamHalo	15211272577	699,413.48	709,411.83	3151408	144.75	146.94	1	
9	**L1_SingleJet12_BptxAND**	**549455907**	**25,263.95**	**26,479.74**	**546785540**	**25,114.25**	**26,332.81**	**1**	
10	**L1_Mu3_Jet16**	**3033927**	**139.50**	**146.34**	**2987146**	**137.20**	**144.11**	**1**	
11	**L1_Mu3_Jet36**	**191393**	**8.80**	**9.23**	**184592**	**8.48**	**8.91**	**1**	
12	**L1_Mu7_Jet16**	**519512**	**23.89**	**25.05**	**505438**	**23.22**	**24.39**	**1**	
13	L1_MuOpen_EG12	102334	4.71	4.96	101325	4.65	4.91	1	

14	L1_Mu12_EG7	25233	1.16	1.23	24793	1.14	1.21	1
15	**L1_SingleJet16_BptxAND**	**235328461**	**10,820.39**	**11,351.22**	**234149038**	**10,754.63**	**11,286.57**	**1**
16	**L1_SingleJet36**	**6876258**	**316.17**	**329.27**	**6466380**	**297.01**	**310.64**	**1**
17	L1_SingleJet52	1427106	65.62	67.98	1291674	59.33	61.85	1
18	L1_SingleJet68	491583	22.60	23.32	428982	19.70	20.47	1
19	L1_SingleJet92	151753	6.98	7.16	123491	5.67	5.88	1
20	L1_SingleJet128	49061	2.26	2.32	34885	1.60	1.66	1
21	L1_DoubleEG6_HTT100	52713	2.42	2.56	52407	2.41	2.54	1
22	L1_DoubleEG6_HTT125	26458	1.22	1.30	26277	1.21	1.29	1
23	L1_Mu5_DoubleEG5	40662	1.87	1.98	40389	1.86	1.97	1
24	L1_DoubleMu3p5_EG5	17665	0.81	0.87	17361	0.80	0.86	1
25	L1_DoubleMu5_EG5	8579	0.39	0.44	8394	0.39	0.43	1
26	**L1_DoubleMu0er_HighQ**	**1291382**	**59.38**	**59.76**	**546860**	**25.12**	**25.46**	**1**
27	L1_Mu5_DoubleEG6	24653	1.13	1.21	24488	1.12	1.20	1
28	L1_DoubleJetC44_ETM30	73380	3.37	3.43	44671	2.05	2.12	1
29	**L1_Mu3_JetC16_WdEtaPhi2**	**659426**	**30.32**	**31.78**	**642418**	**29.51**	**30.99**	**1**
30	L1_Mu3_JetC52_WdEtaPhi2	19320	0.89	0.95	17755	0.82	0.88	1
31	**L1_SingleEG7**	**19097087**	**878.08**	**920.68**	**18458762**	**847.82**	**889.49**	**1**
32	L1_SingleIsoEG20er	276163	12.70	13.33	273114	12.54	13.18	1
33	**L1_BptxMinus_NotBptxPlus**	**211285**	**9.71**	**9.85**	**210387**	**9.66**	**9.81**	**47237**
34	**L1_BptxPlus_NotBptxMinus**	**213661**	**9.82**	**9.97**	**212896**	**9.78**	**9.93**	**47237**
35	**L1_HcalHfCoincidencePm_BptxAND**	**135974**	**6.25**	**6.90**	**135426**	**6.22**	**6.87**	**60000**
36	L1_DoubleJetC56_Eta1p74_WdEta4	103991	4.78	4.95	88845	4.08	4.27	1
37	**L1_HcalHfSingleChannel_BptxAND**	**148647**	**6.83**	**7.54**	**148072**	**6.80**	**7.51**	**60000**
38	L1_DoubleEG_13_7	322573	14.83	15.57	320913	14.74	15.48	1
39	L1_TripleEG_12_7_5	113825	5.23	5.50	113224	5.20	5.47	1
40	L1_HTT125	58350	2.68	2.78	47437	2.18	2.28	1
41	L1_DoubleJetC52	237541	10.92	11.37	218464	10.03	10.51	1
42	L1_SingleMu14er	1784141	82.03	82.50	778372	35.75	35.95	1
43	L1_SingleIsoEG18er	393208	18.08	18.97	389205	17.88	18.77	1
44	L1_DoubleMu_10_Open	378368	17.40	17.53	152787	7.02	7.19	1
45	L1_DoubleMu_10_3p5	320365	14.73	14.83	112668	5.17	5.29	1
46	L1_ETT80	868676	39.94	42.16	842217	38.68	40.95	1
47	**L1_SingleEG5_BptxAND**	**44108232**	**2,028.09**	**2,126.88**	**43907642**	**2,016.71**	**2,115.69**	**1**
48	L1_SingleEG18er	437273	20.11	21.09	433000	19.89	20.88	1
49	L1_SingleEG22	311880	14.34	15.05	308390	14.16	14.87	1
50	**L1_SingleEG12**	**3044230**	**139.97**	**146.78**	**2949953**	**135.49**	**142.17**	**1**
51	**L1_SingleEG24**	**239333**	**11.00**	**11.55**	**236497**	**10.86**	**11.40**	**1**
52	**L1_SingleEG20**	**428171**	**19.69**	**20.66**	**423623**	**19.46**	**20.42**	**1**
53	L1_SingleEG30	115777	5.32	5.59	114174	5.24	5.51	1
54	**L1_ETT60**	**5393087**	**247.97**	**262.23**	**5328674**	**244.75**	**259.09**	**1**
55	**L1_SingleMuOpen**	**37225340**	**1,711.62**	**1,762.13**	**28857057**	**1,325.43**	**1,372.03**	**1**
56	L1_SingleMu16	1758916	80.87	81.42	816289	37.49	37.79	1
57	**L1_SingleMu3**	**23365745**	**1,074.36**	**1,097.75**	**15417385**	**708.13**	**727.11**	**1**
58	L1_DoubleMu_5er_0er_HighQ_WdEta22	685191	31.51	31.69	257349	11.82	12.01	1
59	**L1_SingleMu7**	**5438049**	**250.04**	**253.49**	**2731467**	**125.46**	**127.49**	**1**
60	L1_SingleMu20er	1272893	58.53	58.79	558530	25.65	25.78	1
61	**L1_SingleMu12**	**2655401**	**122.10**	**123.14**	**1238153**	**56.87**	**57.41**	**1**
62	L1_SingleMu20	1383988	63.64	64.02	668678	30.71	30.96	1
63	L1_SingleMu25er	1073229	49.35	49.56	465230	21.37	21.47	1
64	L1_ETM100	27255	1.25	1.28	12847	0.59	0.61	1
65	L1_ETM36	234127	10.77	10.84	136981	6.29	6.38	1
66	**L1_ETM30**	**400555**	**18.42**	**18.58**	**255144**	**11.72**	**11.95**	**1**
67	L1_ETM50	103344	4.75	4.79	54800	2.52	2.55	1
68	L1_ETM70	50406	2.32	2.35	24773	1.14	1.16	1
69	L1_ETT300	9126	0.42	0.44	4652	0.21	0.23	1
70	L1_HTT100	107887	4.96	5.14	93114	4.28	4.47	1
71	L1_HTT150	36721	1.69	1.75	27791	1.28	1.34	1
72	L1_HTT175	26151	1.20	1.25	18397	0.84	0.89	1
73	L1_HTT200	20376	0.94	0.97	13412	0.62	0.65	1
74	**L1_ETT20_BptxAND**	**389089590**	**17,890.32**	**18,484.48**	**387413024**	**17,794.16**	**18,394.93**	**2**
75	L1_Mu10er_JetC32	37075	1.70	1.80	34895	1.60	1.70	1

76	**L1_BscMinBiasThreshold1_BptxAND**	**61137**	**2.81**	**3.10**	**60928**	**2.80**	**3.09**	**60000**	
77	L1_BscMinBiasThreshold2_BptxAND	448084900	20,602.92	21,648.32	252954701	11,618.39	12,107.89	1	
78	L1_SingleJetC32_NotBptxOR	755276	34.73	34.78	312265	14.34	14.38	1	
79	L1_ETM40	178061	8.19	8.24	100330	4.61	4.67	1	
80	L1_ETT140	63396	2.91	3.03	53279	2.45	2.57	1	
81	**L1_SingleForJet16**	**41258338**	**1,897.06**	**1,995.79**	**40303312**	**1,851.16**	**1,948.38**	**1**	
82	**L1_DoubleEG5**	**2611687**	**120.09**	**125.97**	**2598601**	**119.36**	**125.25**	**1**	
83	L1_DoubleJet24	5944919	273.35	286.19	5767390	264.90	278.12	1	
84	L1_HTT75	243960	11.22	11.64	220340	10.12	10.57	1	
85	L1_SingleMu18er	1430074	65.75	66.06	626826	28.79	28.93	1	
86	L1_SingleMu16er	1644411	75.61	76.02	702754	32.28	32.44	1	
87	L1_SingleMu12er	2453632	112.82	113.59	1037898	47.67	47.96	1	
88		0	0.00	0.00	0	0.00	0.00	1	
89	L1_SingleMu6_NotBptxOR	4463313	205.22	206.68	1312315	60.28	60.40	1	
90	L1_Mu8_DoubleJetC20	66947	3.08	3.25	66397	3.05	3.23	1	
91	**L1_BscMinBiasOR_BptxAND**	**120342**	**5.53**	**6.10**	**119845**	**5.50**	**6.07**	**60000**	
92	**L1_DoubleMu0**	**1628077**	**74.86**	**75.65**	**879581**	**40.40**	**41.30**	**1**	
93	L1_DoubleMu_3er_0er_HighQ_WdEta22	1273545	58.56	58.93	531631	24.42	24.75	1	
94	L1_EG8_DoubleJetC20	2991184	137.53	144.29	2976186	136.70	143.47	1	
95	L1_DoubleMu5	425818	19.58	19.72	161540	7.42	7.59	1	
96	L1_DoubleJetC56	179276	8.24	8.58	163430	7.51	7.87	1	
97	L1_CastorEm_NotHcalHfSingleChannel	98752511	4,540.64	4,615.32	438823	20.16	20.67	1	
98	L1_CastorEm_NotHcalHfCoincidencePm	98821822	4,543.82	4,618.59	478846	21.99	22.55	1	
99	**L1_CastorEm_TotemLowMultiplicity**	**543992**	**25.01**	**25.61**	**541157**	**24.86**	**25.46**	**1**	
100	L1_DoubleJetC36	961090	44.19	46.07	907448	41.68	43.66	1	
101	**L1_DoubleMuOpen_BptxAND**	**557178**	**25.62**	**26.64**	**536167**	**24.63**	**25.66**	**1**	
102	L1_SingleJet36_FwdVeto5	986493	45.36	45.78	604997	27.79	28.29	1	
103	L1_TripleJet_64_44_24_VBF	47275	2.17	2.30	46860	2.15	2.28	1	
104	L1_TripleJet_64_48_28_VBF	34883	1.60	1.70	34536	1.59	1.68	1	
105	**L1_DoubleJet20_TotemDiffractive**	**56170**	**2.58**	**2.77**	**55470**	**2.55**	**2.74**	**1**	
106	L1_QuadJetC40	6031	0.28	0.31	5942	0.27	0.30	1	
107	L1_QuadJetC36	11117	0.51	0.55	10984	0.50	0.55	1	
108	L1_TripleJetC_52_28_28	171764	7.90	8.29	170292	7.82	8.22	1	
109	L1_QuadJetC32	21264	0.98	1.05	21052	0.97	1.04	1	
110	**L1_DoubleForJet16_EtaOpp**	**524413**	**24.11**	**25.86**	**522039**	**23.98**	**25.72**	**1**	
111	**L1_DoubleEG3_FwdVeto**	**9031**	**0.42**	**0.48**	**6048**	**0.28**	**0.31**	**1**	
112	L1_SingleJetC20_NotBptxOR	6734842	309.67	311.32	4230358	194.30	195.44	1	
113	**L1_SingleJet16_FwdVeto5**	**35316239**	**1,623.84**	**1,645.40**	**27930763**	**1,282.88**	**1,301.03**	**1**	
114	L1_CastorTotalEnergy_TotemLowMultiplicity	0	0.00	0.00	0	0.00	0.00	1	
115	L1_DoubleJetC36_TotemDiffractive	4385	0.20	0.23	4292	0.20	0.23	1	
116	L1_SingleMu20_TotemDiffractive	5085	0.23	0.26	4581	0.21	0.24	1	
117	L1_SingleEG20_TotemDiffractive	2307	0.11	0.13	2293	0.11	0.13	1	
118	L1_DoubleMu5_TotemDiffractive	2096	0.10	0.12	1763	0.08	0.10	1	
119	L1_DoubleEG5_TotemDiffractive	11799	0.54	0.59	11731	0.54	0.59	1	
120	L1_SingleJet52_TotemDiffractive	7306	0.34	0.37	7098	0.33	0.36	1	
121	L1_ZdcCaloPlus_TotemDiffractive_QElastic	0	0.00	0.00	0	0.00	0.00	1	
122	L1_HcalHfSingleChannel_BptxAND_Instance1	2622156294	120,566.60	126,282.61	652814684	29,984.25	31,196.33	1	
123	**L1_MuOpen_EG5**	**1134551**	**52.17**	**54.77**	**1127311**	**51.78**	**54.39**	**1**	
124	L1_DoubleMu_12_5	221997	10.21	10.27	66954	3.08	3.15	1	
125	L1_TripleEG7	73349	3.37	3.55	72967	3.35	3.53	1	
126	L1_TotemMinBias	912891	41.97	42.69	908007	41.71	42.44	1	
127	L1_SingleMuBeamHalo	2488481	114.42	116.77	205669	9.45	9.66	1	

L1Summary Technical Triggers

Bit	Name	Pre-DT Counts	Pre-DT Rate, Hz	Pre-DT RMS Rate, Hz	Post-DT Counts	Post-DT Rate, Hz	Post-DT RMS Rate, Hz	InitialPrescale	FinalPrescale
0	L1Tech_BPTX_plus_AND_minus.v0	951057525	43,729.57	44,351.92	690256741	31,703.99	32,901.57	1	0
1	L1Tech_BPTX_plus.v0	80536351	3,703.06	3,756.28	694073	31.88	33.09	997	0
2	L1Tech_BPTX_minus.v0	80423809	3,697.88	3,751.03	693267	31.84	33.06	997	0
3	L1Tech_BPTX_plus_OR_minus.v0	90546978	4,163.35	4,223.18	695236	31.93	33.14	997	0
4	L1Tech_BPTX_plus_AND_minus_instance1.v0	70413148	3,237.59	3,284.13	692466	31.81	33.03	997	0
5	L1Tech_BPTX_plus_AND_NOT_minus.v0	10123204	465.46	472.18	1658	0.08	0.09	997	0
6	L1Tech_BPTX_minus_AND_not_plus.v0	10010625	460.29	466.90	1467	0.07	0.07	997	0

7	L1Tech_BPTX_quiet.v0	978320475	44,983.12	44,983.12	22169875	1,018.28	1,023.24	1	0
8	L1Tech_HCAL_HF_single_channel.v0	951016323	43,727.68	44,348.59	652917785	29,988.98	31,200.64	1	0
9	L1Tech_HCAL_HF_coincidence_PM.v2	950897467	43,722.21	44,344.37	650838081	29,893.46	31,101.06	1	0
10	L1Tech_HCAL_HF_MMP_or_MPP.v1	950855312	43,720.28	44,343.40	650696880	29,886.97	31,094.29	1	0
11	**L1Tech_HCAL_HO_totalOR.v0**	**14146**	**0.65**	**0.84**	**7563**	**0.35**	**0.37**	**1**	**0**
12	**L1Tech_HCAL_HBHE_totalOR.v0**	**6345**	**0.29**	**0.32**	**2921**	**0.13**	**0.15**	**1**	**0**
13		0	0.00	0.00	0	0.00	0.00	1	0
14		0	0.00	0.00	0	0.00	0.00	1	0
15		978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
16	L1Tech_BPTX_PreBPTX.v0	951057525	43,729.57	44,351.92	0	0.00	0.00	1	0
17		0	0.00	0.00	0	0.00	0.00	1	0
18		0	0.00	0.00	0	0.00	0.00	1	0
19		0	0.00	0.00	0	0.00	0.00	1	0
20	L1Tech_DT_GlobalOR.v0	214105	9.84	10.00	73560	3.38	3.48	1	0
21		0	0.00	0.00	0	0.00	0.00	1	0
22		0	0.00	0.00	0	0.00	0.00	1	0
23		0	0.00	0.00	0	0.00	0.00	1	0
24	L1Tech_RPC_TTU_barrel_Cosmics.v0	5207141	239.42	275.09	2107709	96.81	99.27	1	0
25	**L1Tech_RPC_TTU_pointing_Cosmics.v0**	**322643**	**14.84**	**15.15**	**143988**	**6.61**	**6.76**	**1**	**0**
26	L1Tech_RPC_TTU_RBplus2_Cosmics.v0	757372	34.82	37.93	302769	13.91	14.19	1	0
27	L1Tech_RPC_TTU_RBplus1_Cosmics.v0	1266480	58.23	103.96	493560	22.67	23.35	1	0
28	L1Tech_RPC_TTU_RB0_Cosmics.v0	1230577	56.58	62.69	58773	2.70	2.72	1	0
29	L1Tech_RPC_TTU_RBminus1_Cosmics.v0	1283015	58.99	66.63	30008	1.38	1.41	1	0
30	L1Tech_RPC_TTU_RBminus2_Cosmics.v0	1081649	49.73	56.54	34883	1.60	1.63	1	0
31	L1Tech_RPC_TTU_RBst1_collisions.v0	7864266	361.60	396.50	55333	2.54	2.59	1	0
32	L1Tech_BSC_minBias_inner_threshold1.v0	895200102	41,161.25	41,928.40	448482237	20,599.11	21,436.77	1	0
33	L1Tech_BSC_minBias_inner_threshold2.v0	451604394	20,764.75	21,816.17	248716863	11,423.74	11,905.05	1	0
34	L1Tech_BSC_minBias_OR.v0	951815543	43,764.43	44,352.41	626985880	28,797.91	29,960.43	1	0
35	**L1Tech_BSC_HighMultiplicity.v0**	**10797638**	**496.47**	**529.04**	**10735685**	**493.10**	**525.61**	**1**	**0**
36	L1Tech_BSC_halo_beam2_inner.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
37	L1Tech_BSC_halo_beam2_outer.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
38	L1Tech_BSC_halo_beam1_inner.v0	978320475	44,983.12	44,983.12	170626667	7,837.01	8,097.60	1	0
39	L1Tech_BSC_halo_beam1_outer.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
40	L1Tech_BSC_minBias_threshold1.v0	950720759	43,714.09	44,335.64	8911994	409.33	426.09	1	0
41	L1Tech_BSC_minBias_threshold2.v0	850119508	39,088.45	40,006.97	17141681	787.33	818.92	1	0
42	L1Tech_BSC_splash_beam1.v0	0	0.00	0.00	0	0.00	0.00	1	0
43	L1Tech_BSC_splash_beam2.v0	0	0.00	0.00	0	0.00	0.00	1	0
44		978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
45		978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
46		978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
47		978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
48	L1Tech_ZDC_Scint_tight_vertex.v0	0	0.00	0.00	0	0.00	0.00	1	0
49	L1Tech_ZDC_Scint_loose_vertex.v0	0	0.00	0.00	0	0.00	0.00	1	0
50	L1Tech_ZDC_Scint_plus.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
51	L1Tech_ZDC_Scint_minus.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
52	L1Tech_TOTEM_Diffractive.v0	950794022	43,717.46	44,341.17	5097025	234.11	243.72	1	0
53	**L1Tech_TOTEM_MinBias.v0**	**912891**	**41.97**	**42.69**	**908007**	**41.71**	**42.44**	**1**	**0**
54	**L1Tech_TOTEM_ZeroBias.v0**	**1261036**	**57.98**	**57.98**	**1252267**	**57.52**	**57.59**	**1**	**0**
55	L1Tech_TOTEM_LowMultiplicity.v0	951057534	43,729.57	44,351.92	348744813	16,018.10	16,720.88	1	0
56	L1Tech_FSC_St3Sect45_uppLeft.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
57	L1Tech_FSC_St3Sect45_uppRight.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
58	L1Tech_FSC_St3Sect45_downRight.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
59	L1Tech_FSC_St3Sect45_downLeft.v0	978320475	44,983.12	44,983.12	715578024	32,867.01	34,036.36	1	0
60	L1Tech_CASTOR_0.v0	98916705	4,548.18	4,623.06	548522	25.19	25.81	1	0
61	L1Tech_CASTOR_TotalEnergy.v0	0	0.00	0.00	0	0.00	0.00	1	0
62	L1Tech_CASTOR_EM.v0	98916705	4,548.18	4,623.06	548522	25.19	25.81	1	0
63	**L1Tech_CASTOR_HaloMuon.v0**	**2148**	**0.10**	**0.11**	**2091**	**0.10**	**0.10**	**65521**	**0**

L1Summary GMR Triggers

Bit	Name	Counts	Rate, Hz
0	dt1	7771225	357.32
1	dt2	384044	17.66
2	dt3	13132	0.60

3	dt4	2503	0.12
4	rpcb1	9835697	452.24
5	rpcb2	464734	21.37
6	rpcb3	34574	1.59
7	rpcb4	16599	0.76
8	rpcf1	4069310	187.11
9	rpcf2	10831	0.50
10	rpcf3	110	0.01
11	rpcf4	20	0.00
12	csc1	24182898	1111.93
13	csc2	534942	24.60
14	csc3	23626	1.09
15	csc4	3114	0.14