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newOpenHLT report (6 March 2013)

About the study

- Used: RAW data (run 208307 [↗](#)) + newOpenHLT
- Menu is Run2012/8e33/v2.1/HLT/V7
- #Triggers are for 1000 events
- Paths have been sorted according to rate (descending)

JetHT

Paths

HLT_DiPFJetAve320_v10

hltDiPFJetAve320 (minPtAve)

-1	302	1.00
325	280	0.93
330	260	0.86
335	238	0.79
340	217	0.72
350	186	0.62
360	160	0.53
365	146	0.48
370	132	0.44
380	118	0.39
400	95	0.31

HLT_DiPFJetAve400_v10

hltDiPFJetAve400 (minPtAve)

-1	95	1.00
435	55	0.58
440	54	0.57
450	52	0.55
460	44	0.46

HLT_FatDiPFJetMass750_DR1p1_Deta1p5_v10

hltHt550 (minHt)

-1	217	1.00
560	215	0.99
570	213	0.98
580	213	0.98
600	206	0.95
650	189	0.87
700	167	0.77

hltFatDiPFJetMass750DR1p1Deta1p5 (minMass)

-1	217	1.00
760	202	0.93
770	186	0.86
800	147	0.68
900	77	0.35
1000	42	0.19

HLT_HT200_v6**hltHt200 (minHt)**

-1	967	1.00
210	964	1.00
220	960	0.99
250	952	0.98
270	943	0.98
300	927	0.96

HLT_HT250_v7**hltHt250 (minHt)**

-1	961	1.00
260	957	1.00
270	952	0.99
280	948	0.99
300	936	0.97
350	893	0.93
400	864	0.90

HLT_HT300_DoubleDisplacedPFJet60_ChgFraction10_v10**hltDoubleJet60L1FastJetVeryCentral1 (MinPt)**

-1	14	1.00
80	13	0.93
90	13	0.93
100	13	0.93
110	9	0.64

hltHt300 (minMht)

-1	14	1.00
320	11	0.79
350	8	0.57
400	4	0.29
450	3	0.21
660	0	0.00

HLT_HT300_DoubleDisplacedPFJet60_v10

hltDoubleJet60L1FastJetVeryCentral (MinPt)

-1	35	1.00
80	31	0.89
90	30	0.86
100	26	0.74
110	19	0.54

hltHt300 (minMht)

-1	35	1.00
310	32	0.91
320	25	0.71
350	16	0.46
400	6	0.17
450	3	0.09
660	0	0.00

HLT_HT300_SingleDisplacedPFJet60_ChgFraction10_v10

hltDoubleJet60L1FastJetVeryCentral (MinPt)

-1	48	1.00
80	45	0.94
90	42	0.88
100	41	0.85
110	34	0.71

hltHt300 (minMht)

-1	48	1.00
310	46	0.96
320	41	0.85
350	33	0.69
400	23	0.48
450	19	0.40
660	0	0.00

HLT_HT300_SingleDisplacedPFJet60_v10

hltDoubleJet60L1FastJetVeryCentral (MinPt)

-1	67	1.00
80	62	0.93
90	58	0.87
100	53	0.79
110	45	0.67

hlt1PFDisplacedJetsPt50 (MinPt)

-1	67	1.00
60	64	0.96
70	61	0.91
80	60	0.90

90	57	0.85
100	50	0.75

hltHt300 (minMht)

-1	67	1.00
310	64	0.96
320	56	0.84
350	45	0.67
400	31	0.46
450	27	0.40
660	0	0.00

HLT_HT300_v7

hltHt300 (minMht)

-1	936	1.00
310	927	0.99
320	913	0.98
350	893	0.95
400	864	0.92
450	843	0.90
660	5	0.01

HLT_HT350_v7

hltHt350 (minHt)

-1	893	1.00
270	952	1.07
360	885	0.99
380	869	0.97
400	864	0.97
450	843	0.94

HLT_HT400_v7

hltHt400 (minHt)

-1	864	1.00
410	856	0.99
420	853	0.99
450	843	0.98
500	821	0.95
550	794	0.92

HLT_HT450_v7

hltHt450 (minHt)

-1	843	1.00
460	839	1.00
470	837	0.99

hlt1PFDisplacedJetsPt50 (MinPt)

480	832	0.99
500	821	0.97
550	794	0.94
600	735	0.87

HLT_HT500_v7

hltHt500 (minHt)

-1	821	1.00
510	813	0.99
520	810	0.99
550	794	0.97
600	735	0.90
650	605	0.74

HLT_HT550_v7

hltHt550 (minHt)

-1	794	1.00
560	787	0.99
570	772	0.97
580	758	0.95
600	735	0.93
650	605	0.76
700	433	0.55

HLT_HT650_Track50_dEdx3p6_v10

hltHt650 (minHt)

-1	79	1.00
660	74	0.94
670	70	0.89
700	64	0.81
750	52	0.66
800	42	0.53

HLT_HT650_Track60_dEdx3p7_v10

hltHt650 (minHt)

-1	47	1.00
660	45	0.96
670	44	0.94
700	41	0.87
750	35	0.74
800	27	0.57

hltHt450 (minHt)

HLT_HT650_v7**hltHt650 (minHt)**

-1	605	1.00
660	570	0.94
670	533	0.88
700	433	0.72
750	299	0.49
800	216	0.36

HLT_HT750_v7**hltHt750 (minHt)**

-1	299	1.00
760	277	0.93
770	261	0.87
780	242	0.81
800	216	0.72
850	151	0.51
900	106	0.35

HLT_Jet370_NoJetID_v15**hltSingleJet370RegionalNoJetID (MinPt)**

-1	280	1.00
390	208	0.74
410	164	0.59
430	125	0.45
450	93	0.33
500	59	0.21
550	38	0.14
600	28	0.10
650	19	0.07
700	13	0.05

HLT_MET80_Track50_dEdx3p6_v6**hltMET80 (MinPt)**

-1	35	1.00
85	19	0.54
90	16	0.46
95	13	0.37
100	10	0.29
140	2	0.06
150	1	0.03
160	0	0.00
170	0	0.00

HLT_MET80_Track60_dEdx3p7_v6**hltMET80 (MinPt)**

-1	18	1.00
85	8	0.44
90	6	0.33
95	5	0.28
100	4	0.22
140	1	0.06
150	1	0.06
160	0	0.00
170	0	0.00

HLT_MET80_v5**hltMET80 (MinPt)**

-1	139	1.00
85	107	0.77
90	83	0.60
95	70	0.50
100	58	0.42
140	30	0.22
150	27	0.19
160	25	0.18
170	23	0.17

HLT_PFJet320_v9**hlt1PFJet320 (MinPt)**

-1	519	1.00
340	381	0.73
360	284	0.55
380	215	0.41
400	162	0.31

HLT_PFJet400_v9**hlt1PFJet400 (MinPt)**

-1	161	1.00
450	86	0.53
500	53	0.33
550	33	0.20

HLT_PFNpUHT350_v4**hltPFHT350NoPU (minHt)**

-1	883	1.00
360	876	0.99

370	869	0.98
380	863	0.98
400	855	0.97
450	835	0.95
500	818	0.93

hltHt300 (minMht)

-1	883	1.00
320	881	1.00
350	875	0.99
400	862	0.98
450	843	0.95
660	5	0.01

HLT_PFNpUHT650_DiCentralPFNoPUJet80_CenPFNoPUJet40_v4

hltHt550 (minHt)

-1	566	1.00
560	564	1.00
570	559	0.99
580	552	0.98
600	544	0.96
650	474	0.84
700	347	0.61

hltPFHT650TriCentralJet40NoPU (minHt)

-1	566	1.00
660	513	0.91
670	475	0.84
690	396	0.70
700	374	0.66
750	257	0.45
800	187	0.33

hltDiCentralPFJet80NoPU (MinPt)

-1	566	1.00
100	565	1.00
120	559	0.99
140	543	0.96
160	524	0.93

HLT_PFNpUHT650_v4

hltHt550 (minHt)

-1	691	1.00
560	688	1.00
570	683	0.99
580	676	0.98
600	665	0.96
650	586	0.85

hltPFHT350NoPU (minHt)

700	430	0.62
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h1tPFHT650NoPU (minHt)

-1	691	1.00
660	632	0.91
660	5	0.01
670	587	0.85
680	535	0.77
700	463	0.67
750	314	0.45
800	228	0.33

HLT_PFN0PUHT700_v4

h1tPFHT700NoPU (minHt)

-1	459	1.00
710	422	0.92
720	391	0.85
730	367	0.80
750	314	0.68
800	228	0.50
850	165	0.36
900	119	0.26

HLT_PFN0PUHT750_v4

h1tHt650 (minHt)

-1	313	1.00
660	312	1.00
670	311	0.99
700	309	0.99
750	277	0.88
800	215	0.69

h1tPFHT750NoPU (minHt)

-1	313	1.00
760	295	0.94
770	276	0.88
780	255	0.81
800	228	0.73
850	165	0.53
900	119	0.38

MET

Paths

h1tHt550 (minHt)

HLT_MET120_v13**hltMET120**

hltMET120 hltMET155 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
120	366	1.00
140	236	0.64
150	199	0.54
155	183	0.50
160	170	0.46
165	163	0.45
200	96	0.26

HLT_MonoCentralPFJet80_PFMETnoMu105_NHEF0p95_v4**hltCentralJet65L1FastJet**

hltCentralJet65L1FastJet hltCentralJet170L1FastJet : Ratio=0.48 More... Close

65	297	1.00
120	259	0.87
170	144	0.48
180	125	0.42
200	96	0.32

hltCentralPFJet80

hltCentralPFJet80 hltCentralPFJet150 : Ratio=0.48 More... Close

80	297	1.00
140	161	0.54
145	156	0.53
150	142	0.48
160	127	0.43

hltMET65

hltMET65 hltMET125 : Ratio=0.51 More... Close

65	297	1.00
120	167	0.56
125	150	0.51
130	134	0.45

hltPFMETnoMu105

hltPFMETnoMu105 hltPFMETnoMu135 : Ratio=0.46

Note: This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
105	297	1.00
125	178	0.60
130	159	0.54
135	138	0.46

HLT_MET120_HBHENoiseCleaned_v6**hltMETClean60**

hltMETClean60 hltMETClean140 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
60	238	1.00
140	120	0.50
180	44	0.18
200	25	0.11

hltMET120

hltMET120 hltMET140 : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
120	238	1.00
140	121	0.51
150	91	0.38
160	71	0.30
165	65	0.27
200	26	0.11

HLT_DiCentralPFJet30_PFMET80_v6**hltMET65**

hltMET65 hltMET95 : Ratio=0.49 More... Close

p_T (GeV)	Triggers	Ratio
65	203	1
75	167	0.82
85	131	0.64
90	110	0.54
95	99	0.49
100	83	0.40
130	27	0.13

hltDiCentralJet20L1FastJetCorrectedhltDiCentralJet20L1FastJetCorrected hltDiCentralJet70L1FastJetCorrected : Ratio=0.53
More... Close

p_T (GeV)	Triggers	Ratio
20	203	1.00
65	110	0.54
70	107	0.53
75	91	0.45
80	85	0.42
90	72	0.35
100	57	0.28
140	41	0.20

hltDiCentralPFJet30ZnunuHbb

hltDiCentralPFJet30ZnunuHbb hltDiCentralPFJet70ZnunuHbb : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
30	203	1.00
50	149	0.73
60	122	0.60
70	103	0.51

hltPFMET80Filter

hltPFMET80Filter hltPFMET105Filter : Ratio=0.45

Note: This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
80	203	1.00
85	168	0.83
90	141	0.69
95	125	0.62
100	113	0.56
105	92	0.45
120	47	0.23
160	16	0.08

HLT_PFMET150_v7**hltMET80**

hltMET80 hltMET190 : Ratio=0.52 More... Close

p_T (GeV)	Triggers	Ratio
80	195	1.00
130	186	0.95
150	177	0.91
190	101	0.52
230	63	0.32
250	49	0.25

hltPFMET150Filter

hltPFMET150Filter hltPFMET195Filter : Ratio=0.50

Note: This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
150	195	1.00
190	103	0.53
195	98	0.50
200	87	0.45

HLT_DiCentralPFNoPUJet50_PFMETORPFMETNoMu80_v4

hltMET80

hltMET80 hltMET100 : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
80	156	1.00
100	79	0.51
130	21	0.13
150	11	0.07
190	6	0.04
230	3	0.02
250	3	0.02

hltDiCentralJet20L1FastJetCorrectedhltDiCentralJet20L1FastJetCorrected hltDiCentralJet90L1FastJetCorrected : Ratio=0.51
More... Close

p_T (GeV)	Triggers	Ratio
20	156	1.00
70	111	0.71
80	92	0.59
90	80	0.51
100	69	0.44
140	44	0.28

hltDiCentralPFJet50NoPU

hltDiCentralPFJet50NoPU hltDiCentralPFJet105NoPU : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
50	156	1.00
95	86	0.55
100	83	0.53
105	78	0.50
115	71	0.46

HLT_PFMET180_v7**hltMET80**

hltMET80 hltMET230 : Ratio= 0.52 More... Close

p_T (GeV)	Triggers	Ratio
80	120	1.00
130	118	0.98
150	118	0.98
190	100	0.83
230	62	0.52
250	49	0.41

hltPFMET180FilterhltPFMET180Filter hltPFMET230Filter : Ratio=0.50
This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
180	120	1.00
225	61	0.51
230	60	0.50
240	52	0.43

HLT_MET200_v12

hltMET200

hltMET200 hltMET250 : Ratio=0.52 More... Close

p_T (GeV)	Triggers	Ratio
200	92	1.00
220	68	0.74
250	48	0.52
300	31	0.34
400	13	0.14

HLT_DiCentralJetSumpT100_dPhi05_DiCentralPFJet60_25_PFMET100_HBHENoiseCleaned_v

hltMET50

hltMET50 hltMET105 : Ratio= 0.50 More... Close

p_T (GeV)	Triggers	Ratio
50	72	1.00
100	42	0.58
105	36	0.50
110	33	0.46

hltMETClean25

hltMETClean25 hltMETClean100 : Ratio=0.54 More... Close

p_T (GeV)	Triggers	Ratio
25	72	1.00
50	70	0.97
95	46	0.64
100	39	0.54
105	34	0.47
110	31	0.43
125	19	0.26

hltCentralJet50

hltCentralJet50 hltCentralJet120 : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
50	72	1

100 51 0.71 120 37 0.51 125 32 0.44

hltDiCentralJet15

hltDiCentralJet15 hltDiCentralJet45 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
15	72	1

30 55 0.76 45 36 0.50 60 18 0.25

hltCentralPFJet60

hltCentralPFJet60 hltCentralPFJet110 : Ratio=0.53 More... Close

p_T (GeV)	Triggers	Ratio
60	72	1

100 46 0.64 110 38 0.53 115 33 0.46 120 32 0.44

hltDiCentralPFJet25

hltDiCentralPFJet25 hltDiCentralPFJet45 : Ratio=0.44 More... Close

p_T (GeV)	Triggers	Ratio
25	72	1

40 44 0.61 45 41 0.57 50 32 0.44

hlt2CaloJetCaloJetSumpt100

hlt2CaloJetCaloJetSumpt100 hlt2CaloJetCaloJetSumpt150 : Ratio=0.47 More... Close

p_T (GeV)	Triggers	Ratio
100	72	1

150 34 0.47 200 15 0.21

hltPFMET100Filter

hltPFMET100Filter hltPFMET120Filter : Ratio=0.44

Note: This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
100	72	1.00
115	40	0.56
120	32	0.44
125	28	0.39
150	15	0.21
200	5	0.07

HLT_DiCentralPFJet30_PFMET80_BTagCSV07_v5**hltMET65**

hltMET65 hltMET85 : Ratio=0.48 More... Close

p_T (GeV)	Triggers	Ratio
65	62	1
75	42	0.68

p_T (GeV)	Triggers	Ratio
85	30	0.48
100	12	0.19
130	3	0.05

hltPFMET80Filter

hltPFMET80Filter hltPFMET90Filter : Ratio=0.52

Note: This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
80	62	1.00
85	44	0.71
90	32	0.52
95	26	0.42
100	23	0.37
105	16	0.26
120	8	0.13
160	2	0.03

hltDiCentralPFJet30ZnunuHbb

hltDiCentralPFJet30ZnunuHbb hltDiCentralPFJet80ZnunuHbb : Ratio=0.48 More... Close

p_T (GeV)	Triggers	Ratio
30	62	1.00
50	48	0.77
60	41	0.66
70	37	0.60
80	30	0.48

hltBJetHbb

pt=20 80 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
20	62	1.00
40	54	0.87
80	31	0.50

HLT_DiPFJet40_PFMETnoMu65_MJJ800VBF_AllJets_v9

hltDiJet30L1FastJet

hltDiJet30L1FastJet hltDiJet95L1FastJet : Ratio= 0.48 More... Close

p_T (GeV)	Triggers	Ratio
30	31	1

60 28 0.90 90 18 0.58 95 15 0.48 105 13 0.42 120 9 0.30

hltMET65

hltMET65 hltMET80 : Ratio = 0.48 More... Close

p_T (GeV)	Triggers	Ratio
65	31	1
75	19	0.61
80	15	0.48
85	12	0.39
100	7	0.22
130	1	0.03

hltDiPFJet40MJJ800VBFFilter

hltDiPFJet40MJJ800VBFFilter hltDiPFJet70MJJ800VBFFilter : Ratio=0.48 More... Close

p_T (GeV)	Triggers	Ratio
40	31	1.00
70	15	0.48
80	10	0.32

hltPFMETnoMu65

hltPFMETnoMu65 hltPFMETnoMu74 : Ratio=0.52

This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
65	31	1.00
130	1	0.03
110	3	0.10
100	6	0.19
90	8	0.26
80	12	0.39
74	16	0.52
72	19	0.61
70	21	0.68

HLT_MET300_v4**hltMET300**

hltMET300 hltMET375 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
300	30	1.00
310	26	0.87
350	21	0.70
375	15	0.50
400	13	0.43
450	9	0.30

HLT_DiPFJet40_PFMETnoMu65_MJJ600VBF_LeadingJets_v9**hltDiJet30L1FastJet**

hltDiJet30L1FastJet hltDiJet90L1FastJet : Ratio=0.48 More... Close

p_T (GeV)	Triggers	Ratio
30	29	1

60 24 0.83 90 14 0.48 95 11 0.38 105 10 0.34 120 6 0.21

hltMET65

hltMET65 hltMET80 : Ratio 0.52 More... Close

p_T (GeV)	Triggers	Ratio
65	29	1

75 18 0.62 80 15 0.52 85 11 0.38 100 5 0.17

hltDiPFJet40MJJ600VBFLeadingJetsFilter

hltDiPFJet40MJJ600VBFLeadingJetsFilter hltDiPFJet70MJJ600VBFLeadingJetsFilter : Ratio=0.52 More... Close

This filter has the option to set PT for the two jets separately; equal values used.

p_T (GeV)	Triggers	Ratio
40	29	1.00
70	15	0.52
80	10	0.34

hltPFMETnoMu65

hltPFMETnoMu65 hltPFMETnoMu74 : Ratio=0.45

This module filters over MHT More... Close

p_T (GeV)	Triggers	Ratio
65	29	1.00
70	20	0.69
72	18	0.62
74	13	0.45
80	9	0.31
90	6	0.21
100	4	0.14
110	1	0.03

HLT_MET200_HBHENoiseCleaned_v5**hltMET200**

!!! low rate!!! hltMET200 hltMET230 : Ratio=0.61 More... Close

p_T (GeV)	Triggers	Ratio
200	23	1.00
220	14	0.61
225	14	0.61

p_T (GeV)	Triggers	Ratio
230	9	0.61
235	7	0.30
250	6	0.26
300	5	0.22
400	1	0.04

hltMETClean100

hltMETClean100 hltMETClean225 : Ratio=0.57 More... Close

p_T (GeV)	Triggers	Ratio
100	23	1.00
150	22	0.96
200	22	0.96
220	15	0.65
225	13	0.57
230	8	0.35
250	5	0.22
300	4	0.17

HLT_MET400_v7

hltMET400

!!!low rate!!! hltMET400 hltMET600 : Ratio=0.54 More... Close

p_T (GeV)	Triggers	Ratio
400	13	1.00
600	7	0.54

HLT_MET300_HBHENoiseCleaned_v5

hltMET300

!!!low rate!!! hltMET300 hltMET310 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
300	4	1.00
310	2	0.50
350	1	0.25
400	1	0.25
450	0	0.00

hltMETClean150

!!!low rate!!! hltMETClean150 hltMETClean310 : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
150	4	1.00
310	2	0.50
350	1	0.25

hltMET200

HLT_MET400_HBHENoiseCleaned_v5**hltMET400**

low rate !!!! hltMET400 hltMET400 : Ratio= More... Close

p_T (GeV)	Triggers	Ratio
400	1	1.00
600	0	0.00

hltMETClean200

low rate!!!! hltMETClean200 hltMETClean200 : Ratio= More... Close

p_T (GeV)	Triggers	Ratio
200	1	1.00
600	0	0.00

HLT_L1ETM30_v2

No PT treshold filter modules

HLT_L1ETM40_v2

No PT treshold filter modules

HLT_L1ETM70_v2

No PT treshold filter modules

HLT_L1ETM100_v2

No PT treshold filter modules

Reference values

More... Close

```

TrigReport ----- Event Summary -----
TrigReport Events total = 1000 passed = 1000 failed = 0

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TrigReport ----- Path Summary -----
TrigReport Trig Bit# Run Passed Failed Error Name
TrigReport 1 0 1000 297 703 0 HLT_MonoCentralPFJet80_P
TrigReport 1 1 1000 31 969 0 HLT_DiPFJet40_PFMETnoMu6
TrigReport 1 2 1000 29 971 0 HLT_DiPFJet40_PFMETnoMu6
TrigReport 1 3 1000 195 805 0 HLT_PFMET150_v7
TrigReport 1 4 1000 120 880 0 HLT_PFMET180_v7
TrigReport 1 5 1000 72 928 0 HLT_DiCentralJetSumpT100
TrigReport 1 6 1000 203 797 0 HLT_DiCentralPFJet30_PFM
TrigReport 1 7 1000 156 844 0 HLT_DiCentralPFNoPUJet50
TrigReport 1 8 1000 62 938 0 HLT_DiCentralPFJet30_PFM
TrigReport 1 9 1000 366 634 0 HLT_MET120_v13
TrigReport 1 10 1000 238 762 0 HLT_MET120_HBHENoiseClea
TrigReport 1 11 1000 92 908 0 HLT_MET200_v12
TrigReport 1 12 1000 23 977 0 HLT_MET200_HBHENoiseClea
TrigReport 1 13 1000 30 970 0 HLT_MET300_v4
TrigReport 1 14 1000 4 996 0 HLT_MET300_HBHENoiseClea

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TrigReport	1	15	1000	13	987	0	HLT_MET400_v7
TrigReport	1	16	1000	1	999	0	HLT_MET400_HBHENoiseClea
TrigReport	1	17	1000	1000	0	0	HLT_L1ETM30_v2
TrigReport	1	18	1000	939	61	0	HLT_L1ETM40_v2
TrigReport	1	19	1000	675	325	0	HLT_L1ETM70_v2
TrigReport	1	20	1000	442	558	0	HLT_L1ETM100_v2

Multijet

Paths:

HLT_QuadJet60_DiJet20_v6

hltQuadCenJet60L1FastJet

$p_T=60$ 69 GeV : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
60	709	1.00
65	478	0.67
66	436	0.61
67	403	0.57
68	378	0.53
69	352	0.50
70	336	0.47
71	314	0.44
72	290	0.41
75	228	0.32
120	14	0.02

hltSixCenJet20L1FastJet

$p_T=20$ 28 GeV : Ratio=0.49 More... Close

p_T (GeV)	Triggers	Ratio
20	709	1.00
23	544	0.77
24	502	0.71
25	448	0.63
27	376	0.53
28	346	0.49
29	319	0.45
30	295	0.42
40	129	0.18

HLT_DiJet80_DiJet60_DiJet20_v6

hltDiCenJet80L1FastJet

$p_T=80$ 115 GeV : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
80	604	1.00
100	412	0.68

p_T (GeV)	Triggers	Ratio
105	374	0.62
110	335	0.55
115	302	0.50
120	267	0.44
160	111	0.18

hltQuadCenJet60L1FastJet

 $p_T=60$ 71 GeV : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
60	604	1.00
65	440	0.73
68	363	0.60
66	405	0.67
67	382	0.63
69	338	0.56
70	323	0.53
71	307	0.51
72	284	0.47
75	226	0.37
120	14	0.02

hltSixCenJet20L1FastJet

 $p_T=20$ 28 GeV : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
20	604	1.00
23	469	0.78
24	437	0.72
25	392	0.65
27	330	0.55
28	306	0.51
29	280	0.46
30	260	0.43
40	116	0.19

HLT_QuadJet70_v6

hltQuadJet70L1FastJet

 $p_T=70$ 82 GeV : Ratio=0.51 More... Close

p_T (GeV)	Triggers	Ratio
70	538	1.00
76	391	0.73
77	375	0.70
78	358	0.67
80	325	0.60
82	272	0.51
83	254	0.47

HLT_QuadJet80_v6**hltQuadJet80L1FastJet** $p_T = 80$ 90 GeV : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
80	325	1.00
89	170	0.52
90	162	0.50
91	157	0.48

HLT_QuadJet90_v6**hltQuadJet90L1FastJet** $p_T = 90$ 102 GeV : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
90	162	1.00
98	96	0.59
99	91	0.56
100	89	0.55
101	84	0.52
102	81	0.50
103	76	0.47

HLT_SixJet35_v6**hltExaJet35L1FastJet** $p_T = 35$ 42 GeV : Ratio=0.52 More... Close

p_T (GeV)	Triggers	Ratio
35	299	1.00
40	190	0.64
42	156	0.52
43	141	0.47

HLT_SixJet45_v6**hltExaJet45L1FastJet** $p_T = 45$ 51 GeV : Ratio=0.47 More... Close

p_T (GeV)	Triggers	Ratio
45	122	1.00
50	66	0.54
51	57	0.47

HLT_SixJet50_v6**hltExaJet50L1FastJet** $p_T = 50$ 54 GeV : Ratio=0.50 More... Close

p_T (GeV)	Triggers	Ratio
50	66	1.00
53	40	0.61
54	33	0.50
55	28	0.42

HLT_DoubleJet20_ForwardBackward_v4**hltDoubleJet20ForwardBackward**!!! low rate!! $p_T = 20$ 27 GeV : Ratio=0.44 More... Close

p_T (GeV)	Triggers	Ratio
20	34	1.00
24	24	0.71
25	21	0.62
26	20	0.59
27	15	0.44

HLT_EightJet30_eta3p0_v5**hltEightJet30eta3p0L1FastJet**!!!low rate!!! $p_T = 30$ 33 GeV : Ratio=0.44 More... Close

p_T (GeV)	Triggers	Ratio
30	32	1.00
31	21	0.66
32	20	0.62
33	14	0.44
34	11	0.34
35	10	0.31
40	3	0.09

HLT_EightJet35_eta3p0_v5**hltEightJet35eta3p0L1FastJet**!!!low rate!!! $p_T = 35$ 36 GeV : Ratio=0.60 More... Close

p_T (GeV)	Triggers	Ratio
35	10	1.00
36	6	0.60
37	3	0.30
38	3	0.30
40	3	0.30

HLT_ExclDiJet35_HFAND_v4

hltExclDiJet35HFAND

minPtJet?

HLT_ExclDiJet35_HFOR_v4

hltExclDiJet35HFOR

minPtJet?

HLT_ExclDiJet80_HFAND_v4

hltExclDiJet80HFAND

minPtJet?

Reference values

More... Close

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TrigReport ----- Event Summary -----
TrigReport Events total = 1000 passed = 1000 failed = 0

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TrigReport	Trig	Bit#	Path	Run	Passed	Failed	Error	Name
TrigReport	1	0		1000	34	966	0	HLT_DoubleJet20_ForwardB
TrigReport	1	1		1000	604	396	0	HLT_DiJet80_DiJet60_DiJe
TrigReport	1	2		1000	709	291	0	HLT_QuadJet60_DiJet20_v6
TrigReport	1	3		1000	538	462	0	HLT_QuadJet70_v6
TrigReport	1	4		1000	325	675	0	HLT_QuadJet80_v6
TrigReport	1	5		1000	162	838	0	HLT_QuadJet90_v6
TrigReport	1	6		1000	299	701	0	HLT_SixJet35_v6
TrigReport	1	7		1000	122	878	0	HLT_SixJet45_v6
TrigReport	1	8		1000	66	934	0	HLT_SixJet50_v6
TrigReport	1	9		1000	32	968	0	HLT_EightJet30_eta3p0_v5
TrigReport	1	10		1000	10	990	0	HLT_EightJet35_eta3p0_v5
TrigReport	1	11		1000	0	1000	0	HLT_ExclDiJet35_HFOR_v4
TrigReport	1	12		1000	0	1000	0	HLT_ExclDiJet35_HFAND_v4
TrigReport	1	13		1000	0	1000	0	HLT_ExclDiJet80_HFAND_v4

Tau**Paths**

this topic does not yet exist; you can create it.">HLTEndSequence)

```

'HLT_DoubleMediumIsoPFTau35_Trk1_eta2p1_Prong1_Reg_v1', HLTBeginSequence +
hltL1sDoubleTauJet44erorDoubleJetC64 + hltPreDoubleMediumIsoPFTau35Trk1eta2p1Prong1Reg +
HLTL2TauJetsSequence + hltDoubleL2Tau35eta2p1 + HLTL2TauPixelIsolationSequence +
hltL2DiTauIsoFilter + hltL2TauJetsIso + hltDoubleL2IsoTau35eta2p1 + HLTRecoJetSequencePrePF +
HLTPFJetTriggerSequenceReg + HLTMediumIsoPFTauSequenceReg + * hltDoublePFTau35Reg +
hltMediumPFTauTrackPt1DiscriminatorReg + hltSelectedPFTausTrackPt1Reg +
hltDoublePFTau35TrackPt1Reg + hltSelectedPFTausTrackPt1MediumIsolationReg +
hltDoublePFTau35TrackPt1MediumIsolationReg + hltSelectedPFTausTrackPt1MediumIsolationProng2Reg +
hltDoublePFTau35TrackPt1MediumIsolationProng2Reg +

```

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hltL1JetsHLTDoublPFTauTrackPt1MediumIsolationProng2MatchReg +
hltDoublePFTau35TrackPt1MediumIsolationProng2L1HLTMatchedReg +
hltDoublePFTau35TrackPt1MediumIsolationProng2Dz02Reg + HLTEndSequence )
```

```
'HLT_DoubleMediumIsoPFTau35_Trk1_eta2p1_Prong1_v4', HLTBeginSequence +
hltL1sDoubleTauJet44erorDoubleJetC64 + hltPreDoubleMediumIsoPFTau35Trk1eta2p1Prong1 +
HLTL2TauJetsSequence + hltDoubleL2Tau35eta2p1 + HLTL2TauPixelIsolationSequence +
hltL2DiTauIsoFilter + hltL2TauJetsIso + hltDoubleL2IsoTau35eta2p1 +
HLTPFReconstructionSequenceForTaus + HLTMediumIsoPFTauSequence + * hltDoublePFTau35 +
hltMediumPFTauTrackPt1Discriminator + hltSelectedMediumPFTausTrackPt1 +
hltDoublePFTau35TrackPt1 + hltSelectedPFTausTrackPt1MediumIsolation +
hltDoublePFTau35TrackPt1MediumIsolation + hltSelectedPFTausTrackPt1MediumIsolationProng2 +
hltDoublePFTau35TrackPt1MediumIsolationProng2 +
hltL1JetsHLTDoublPFTauTrackPt1MediumIsolationProng2Match +
hltDoublePFTau35TrackPt1MediumIsolationProng2L1HLTMatched +
hltDoublePFTau35TrackPt1MediumIsolationProng2Dz02 + HLTEndSequence )
```

```
'HLT_LooseIsoPFTau35_Trk20_Prong1_MET70_v10', HLTBeginSequence + hltL1sL1ETM36or40 +
hltPreLooseIsoPFTau35Trk20Prong1MET70 + HLTL2TauJetsSequence +
hltFilterL2EtCutSingleIsoPFTau35Trk20 + HLTRecoMETSequence + hltMET70 +
HLTPFReconstructionSequenceForTaus + HLTLooseIsoPFTauSequence + hltPFTau35 + hltPFTau35Track +
hltPFTauTrackPt20Discriminator + hltSelectedPFTausTrackPt20 + hltPFTau35TrackPt20 +
hltSelectedPFTausTrackPt20Isolation + hltPFTau35TrackPt20LooseIso +
hltSelectedPFTausTrackPt20IsolationProng2 + hltPFTau35TrackPt20LooseIsoProng2 + HLTEndSequence )
```

```
'HLT_LooseIsoPFTau35_Trk20_Prong1_MET75_v10', HLTBeginSequence + hltL1sL1ETM36or40 +
hltPreLooseIsoPFTau35Trk20Prong1MET75 + HLTL2TauJetsSequence +
hltFilterL2EtCutSingleIsoPFTau35Trk20 + HLTRecoMETSequence + hltMET75 +
HLTPFReconstructionSequenceForTaus + HLTLooseIsoPFTauSequence + * hltPFTau35 + hltPFTau35Track +
hltPFTauTrackPt20Discriminator + hltSelectedPFTausTrackPt20 + hltPFTau35TrackPt20 +
hltSelectedPFTausTrackPt20Isolation + hltPFTau35TrackPt20LooseIso +
hltSelectedPFTausTrackPt20IsolationProng2 + hltPFTau35TrackPt20LooseIsoProng2 + HLTEndSequence
```

```
'HLT_LooseIsoPFTau35_Trk20_Prong1_v10' ), HLTBeginSequence + hltL1sL1TripleJetC522828 +
hltPreLooseIsoPFTau35Trk20Prong1 + HLTL2TauJetsSequence + hltFilterL2EtCutSingleIsoPFTau35Trk20 +
HLTPFReconstructionSequenceForTaus + HLTLooseIsoPFTauSequence + *hltPFTau35 +
hltPFTau35Track + hltPFTauTrackPt20Discriminator + hltSelectedPFTausTrackPt20 + hltPFTau35TrackPt20 +
hltSelectedPFTausTrackPt20Isolation + hltPFTau35TrackPt20LooseIso +
hltSelectedPFTausTrackPt20IsolationProng2 + hltPFTau35TrackPt20LooseIsoProng2 + HLTEndSequence
```

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Reference values

More... Close

```
TrigReport ----- Event Summary -----
TrigReport Events total = 1000 passed = 1000 failed = 0
```

TrigReport	Trig	Bit#	Run	Passed	Failed	Error	Name
TrigReport	1	0	1000	222	778	0	HLT_LooseIsoPFTau35_Trk2
TrigReport	1	1	1000	139	861	0	HLT_LooseIsoPFTau35_Trk2
TrigReport	1	2	1000	97	903	0	HLT_LooseIsoPFTau35_Trk2
TrigReport	1	3	1000	625	375	0	HLT_DoubleMediumIsoPFTau
TrigReport	1	4	1000	758	242	0	HLT_DoubleMediumIsoPFTau

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TrigReport	1	5	1000	159	841	0	HLT_DoubleMediumIsoPFTau
TrigReport	1	6	1000	587	413	0	HLT_DoubleMediumIsoPFTau
TrigReport	1	7	1000	700	300	0	HLT_DoubleMediumIsoPFTau
TrigReport	1	8	1000	131	869	0	HLT_DoubleMediumIsoPFTau
TrigReport	1	9	1000	846	154	0	HLT_DoubleIsoL2Tau30_eta

This topic: Main > NewOpenHLTReport

Topic revision: r14 - 2013-04-04 - HalilGamsizkan



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