EM_HI rejections in global_CMT-8.10 data (run 160526 -161048)

◇ CEM(1,10) mark and pass fraction in special tracking run 155604
◇ Due to changes in L1 energy scale, the rejections are probably overestimated. A rejection of 33 corresponds to the value of 20 in run 150490
◇ tracking quality cuts:> 9 hits, stereo information
◇ exclusiv rates for (1)-(4)

◇ 1720 mark/pass Events (out of 306175) of run 161026,161028,161029,161030,161031,161041,161048
◇ tracking: > 9 hits required
◇ for (1)-(4): no brackets: exclusiv rate, brackets: total rate

filter	E_T range	expected rej.	expected rate [% L1]	# events (1720 M/P)	Rej.	rate [% L1]
(1) EM_HI_SH_TR	> 12	348.0	0.29	7 (14)	246 $\pm$ 92	0.41 $\pm$ 0.15
(2) EM_HI_SH	> 20	56.4	1.77	52 (71)	33 $\pm$ 5	3.02 $\pm$ 0.41
(3) EM_HI	> 30	156.2	0.64	23 (34)	75 $\pm$ 16	1.33 $\pm$ 0.28
(4) EM_HI_EMFR8	> 40	166.1	0.60	21	82 $\pm$ 18	1.22 $\pm$ 0.26
OR of above		30.5	3.28	103	17 $\pm$ 2	6.00 $\pm$ 0.57
EM_HI_TR	> 25	76.1	1.31	23	75 $\pm$ 16	1.33 $\pm$ 0.28
OR of above		22.6	4.42	122	14$\pm$ 1	7.09 $\pm$ 0.62

P_T and η distribution of leading offline EM clusters for EM_HI mark/pass Events