EW					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
CEM					
Pretag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
$\geq$ 1 Tag	13.20 $\pm$ 6.60	11.90 $\pm$ 6.00	4.20 $\pm$ 2.10	2.70 $\pm$ 1.40	0.00 $\pm$ 0.00
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CMUP					
Pretag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
$\geq$ 1 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CMX					
Pretag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
$\geq$ 1 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
Total					
Pretag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
$\geq$ 1 Tag	13.20 $\pm$ 6.60	11.90 $\pm$ 6.00	4.20 $\pm$ 2.10	2.70 $\pm$ 1.40	0.00 $\pm$ 0.00
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00

QCD					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
Electrons					
N_A^{pre}	134119	16785	2276	264	35
N_B^{pre}	101357	9038	1038	124	14
N_C^{pre}	3174	1047	220	53	12
N_D^{pre}	19137	3310	574	132	23
N_A^{+}	3659	862	197	26	6
N_B^{+}	1549	308	72	20	1
N_C^{+}	146	100	28	10	2
N_D^{+}	286	161	63	42	8
N_A^{++}	0	22	7	2	1
N_B^{++}	0	5	4	5	0
N_C^{++}	0	4	3	1	0
N_D^{++}	0	11	11	8	1
F_{Non-W}	0.1253 ± 0.0025	0.1703 ± 0.0064	0.1785 ± 0.0140		
R_+^B/R_+^A	0.4233 ± 0.1066	0.4061 ± 0.1131			
R_{++}^B/R_{++}^A	0.0000 ± 0.0000	0.9000 ± 0.4708			
Muons					
N_A^{pre}	33908	4729	566	78	12
N_B^{pre}	11468	921	117	17	2
N_C^{pre}	1245	392	101	21	6
N_D^{pre}	12415	1823	285	61	13
N_A^{+}	2097	483	65	11	3
N_B^{+}	218	52	11	6	1
N_C^{+}	79	45	22	10	2
N_D^{+}	187	96	37	24	8
N_A^{++}	0	12	0	0	0
N_B^{++}	0	1	1	0	1
N_C^{++}	0	2	1	1	1
N_D^{++}	0	5	6	9	1
F_{Non-W}	0.0339 ± 0.0011	0.0419 ± 0.0028	0.0739 ± 0.0103		
R_+^B/R_+^A	0.1040 ± 0.0270	0.2278 ± 0.0824			
R_{++}^B/R_{++}^A	0.0000 ± 0.0000	0.0000 ± 0.0000			
CEM					
Pretag	2400.93 ± 47.09	564.45 ± 21.33	103.56 ± 8.10	23.93 ± 1.87	4.11 ± 0.32
$\geq$ 1 Tag	61.81 ± 16.38	40.61 ± 12.02	11.37 ± 3.83	4.06 ± 1.71	0.81 ± 0.62
$\geq$ 2 Tag	0.00 ± 0.00	3.60 ± 2.60	2.70 ± 2.10	0.90 ± 1.02	0.00 ± 0.00
CMUP					
Pretag	278.83 ± 8.82	50.30 ± 3.34	14.27 ± 1.99	3.25 ± 0.45	0.52 ± 0.07
$\geq$ 1 Tag	8.21 ± 2.33	10.25 ± 4.01	5.01 ± 2.10	2.28 ± 1.09	0.46 ± 0.36
$\geq$ 2 Tag	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00
CMX					
Pretag	142.55 ± 4.51	26.89 ± 1.78	6.95 ± 0.97	1.33 ± 0.19	0.44 ± 0.06
$\geq$ 1 Tag	8.21 ± 2.33	10.25 ± 4.01	5.01 ± 2.10	2.28 ± 1.09	0.46 ± 0.36
$\geq$ 2 Tag	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00
Total					
Pretag	2822.30 ± 48.12	641.63 ± 21.66	124.77 ± 8.40	28.51 ± 1.93	5.07 ± 0.34
$\geq$ 1 Tag	78.23 ± 16.71	61.12 ± 13.29	21.40 ± 4.85	8.62 ± 2.31	1.72 ± 0.80
$\geq$ 2 Tag	0.00 ± 0.00	3.60 ± 2.60	2.70 ± 2.10	0.90 ± 1.02	0.00 ± 0.00

Mistags					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
CEM					
(+) Pred	291.94 $\pm$ 17.09	119.63 $\pm$ 10.94	38.68 $\pm$ 6.22	12.84 $\pm$ 3.58	2.76 $\pm$ 1.66
(-) Pred	63.95 $\pm$ 8.00	30.16 $\pm$ 5.49	10.85 $\pm$ 3.29	3.75 $\pm$ 1.94	0.79 $\pm$ 0.89
(+,-) Pred	0.00 $\pm$ 0.00	1.02 $\pm$ 1.01	1.08 $\pm$ 1.04	0.84 $\pm$ 0.92	0.24 $\pm$ 0.49
(-,-) Pred	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CMUP					
(+) Pred	118.26 $\pm$ 10.87	41.61 $\pm$ 6.45	11.25 $\pm$ 3.35	4.54 $\pm$ 2.13	1.08 $\pm$ 1.04
(-) Pred	25.37 $\pm$ 5.04	9.88 $\pm$ 3.14	2.96 $\pm$ 1.72	1.32 $\pm$ 1.15	0.33 $\pm$ 0.57
(+,-) Pred	0.00 $\pm$ 0.00	0.25 $\pm$ 0.50	0.30 $\pm$ 0.55	0.59 $\pm$ 0.77	0.11 $\pm$ 0.32
(-,-) Pred	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CMX					
(+) Pred	61.93 $\pm$ 7.87	21.93 $\pm$ 4.68	5.49 $\pm$ 2.34	1.92 $\pm$ 1.39	0.76 $\pm$ 0.87
(-) Pred	12.70 $\pm$ 3.56	5.14 $\pm$ 2.27	1.45 $\pm$ 1.20	0.45 $\pm$ 0.67	0.23 $\pm$ 0.48
(+,-) Pred	0.00 $\pm$ 0.00	0.14 $\pm$ 0.37	0.15 $\pm$ 0.38	0.12 $\pm$ 0.34	0.13 $\pm$ 0.36
(-,-) Pred	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CEM					
Pretag	19155.00 $\pm$ 0.00	3314.00 $\pm$ 0.00	580.00 $\pm$ 0.00	134.00 $\pm$ 0.00	23.00 $\pm$ 0.00
$\geq$ 1 Tag	61.53 $\pm$ 10.21	27.53 $\pm$ 5.85	9.80 $\pm$ 3.16	3.39 $\pm$ 1.79	0.71 $\pm$ 0.81
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.93 $\pm$ 0.93	0.98 $\pm$ 0.95	0.76 $\pm$ 0.84	0.22 $\pm$ 0.44
CMUP					
Pretag	8221.00 $\pm$ 0.00	1201.00 $\pm$ 0.00	193.00 $\pm$ 0.00	44.00 $\pm$ 0.00	7.00 $\pm$ 0.00
$\geq$ 1 Tag	26.96 $\pm$ 6.11	10.41 $\pm$ 3.50	3.02 $\pm$ 1.78	1.34 $\pm$ 1.18	0.34 $\pm$ 0.58
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.26 $\pm$ 0.53	0.31 $\pm$ 0.56	0.60 $\pm$ 0.79	0.11 $\pm$ 0.33
CMX					
Pretag	4203.00 $\pm$ 0.00	642.00 $\pm$ 0.00	94.00 $\pm$ 0.00	18.00 $\pm$ 0.00	6.00 $\pm$ 0.00
$\geq$ 1 Tag	13.50 $\pm$ 4.06	5.42 $\pm$ 2.46	1.48 $\pm$ 1.23	0.46 $\pm$ 0.68	0.23 $\pm$ 0.49
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.15 $\pm$ 0.39	0.15 $\pm$ 0.39	0.12 $\pm$ 0.35	0.13 $\pm$ 0.37
Total					
Pretag	31579.00 $\pm$ 0.00	5157.00 $\pm$ 0.00	867.00 $\pm$ 0.00	196.00 $\pm$ 0.00	36.00 $\pm$ 0.00
$\geq$ 1 Tag	101.98 $\pm$ 12.58	43.36 $\pm$ 7.24	14.30 $\pm$ 3.84	5.19 $\pm$ 2.25	1.28 $\pm$ 1.11
$\geq$ 2 Tag	0.00 $\pm$ 0.00	1.34 $\pm$ 1.14	1.43 $\pm$ 1.17	1.48 $\pm$ 1.20	0.46 $\pm$ 0.66

W+C					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
ϵ_{b-jet}	0.3125 $\pm$ 0.1159	0.3750 $\pm$ 0.1712	0.5714 $\pm$ 0.1323	0.5333 $\pm$ 0.1288	0.3333 $\pm$ 0.2722
ϵ_{c-jet}	0.0915 $\pm$ 0.0031	0.0960 $\pm$ 0.0056	0.0945 $\pm$ 0.0083	0.0971 $\pm$ 0.0141	0.1569 $\pm$ 0.0509
$\epsilon_{b-jet,1q}$	0.3125 $\pm$ 0.1159	0.3750 $\pm$ 0.1712	0.5714 $\pm$ 0.1323	0.5000 $\pm$ 0.1443	0.5000 $\pm$ 0.3536
$\epsilon_{c-jet,1q}$	0.0915 $\pm$ 0.0031	0.0964 $\pm$ 0.0057	0.0934 $\pm$ 0.0085	0.0982 $\pm$ 0.0149	0.1633 $\pm$ 0.0528
$\epsilon_{b-jet,2q}$	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.6667 $\pm$ 0.2722	0.0000 $\pm$ 0.0000
$\epsilon_{c-jet,2q}$	0.0000 $\pm$ 0.0000	0.0769 $\pm$ 0.0370	0.1127 $\pm$ 0.0375	0.0870 $\pm$ 0.0415	0.0000 $\pm$ 0.0000
$\epsilon_{\geq 1}$	0.0039 $\pm$ 0.0008	0.0058 $\pm$ 0.0013	0.0059 $\pm$ 0.0013	0.0060 $\pm$ 0.0016	0.0100 $\pm$ 0.0039
$\epsilon_{\geq 2}$	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000
$\epsilon_{\geq 1} * \Phi_e$	0.0032 $\pm$ 0.0013	0.0047 $\pm$ 0.0019	0.0048 $\pm$ 0.0020	0.0048 $\pm$ 0.0023	0.0081 $\pm$ 0.0055
$\epsilon_{\geq 2} * \Phi_e$	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000
CEM					
Pretag	720.22 $\pm$ 150.76	163.55 $\pm$ 35.46	27.14 $\pm$ 5.64	4.31 $\pm$ 0.98	0.47 $\pm$ 0.14
$\geq$ 1 Tag	53.31 $\pm$ 21.12	12.75 $\pm$ 5.31	2.05 $\pm$ 0.86	0.34 $\pm$ 0.17	0.06 $\pm$ 0.04
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CMUP					
Pretag	341.42 $\pm$ 71.46	68.33 $\pm$ 14.81	9.87 $\pm$ 2.05	1.41 $\pm$ 0.34	0.08 $\pm$ 0.05
$\geq$ 1 Tag	25.27 $\pm$ 10.01	5.33 $\pm$ 2.22	0.75 $\pm$ 0.31	0.11 $\pm$ 0.05	0.01 $\pm$ 0.01
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
CMX					
Pretag	174.56 $\pm$ 36.54	36.64 $\pm$ 7.94	4.92 $\pm$ 1.02	0.55 $\pm$ 0.14	0.20 $\pm$ 0.05
$\geq$ 1 Tag	12.92 $\pm$ 5.12	2.86 $\pm$ 1.19	0.37 $\pm$ 0.16	0.04 $\pm$ 0.02	0.03 $\pm$ 0.02
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00
Total					
Pretag	1236.21 $\pm$ 170.79	268.52 $\pm$ 39.24	41.93 $\pm$ 6.09	6.27 $\pm$ 1.07	0.75 $\pm$ 0.17
$\geq$ 1 Tag	91.51 $\pm$ 23.92	20.94 $\pm$ 5.88	3.17 $\pm$ 0.93	0.50 $\pm$ 0.18	0.10 $\pm$ 0.05
$\geq$ 2 Tag	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00	0.00 $\pm$ 0.00

W+CC					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
ϵ_{b-jet}	0.0000 ± 0.0000	0.0000 ± 0.0000	0.2500 ± 0.2165	0.1667 ± 0.1521	1.0000 ± 0.0000
ϵ_{c-jet}	0.0960 ± 0.0086	0.0951 ± 0.0100	0.1129 ± 0.0162	0.1203 ± 0.0158	0.0714 ± 0.0243
$\epsilon_{b-jet,1q}$	0.0000 ± 0.0000	0.0000 ± 0.0000	0.3333 ± 0.2722	0.1667 ± 0.1521	1.0000 ± 0.0000
$\epsilon_{c-jet,1q}$	0.0960 ± 0.0086	0.1053 ± 0.0131	0.1107 ± 0.0201	0.1502 ± 0.0225	0.1000 ± 0.0387
$\epsilon_{b-jet,2q}$	0.0000 ± 0.0000	0.0000 ± 0.0000	0.0000 ± 0.0000	0.0000 ± 0.0000	0.0000 ± 0.0000
$\epsilon_{c-jet,2q}$	0.0000 ± 0.0000	0.0772 ± 0.0151	0.1168 ± 0.0274	0.0760 ± 0.0203	0.0385 ± 0.0267
$\epsilon_{\geq 1}$	0.0015 ± 0.0004	0.0052 ± 0.0012	0.0097 ± 0.0025	0.0108 ± 0.0027	0.0064 ± 0.0027
$\epsilon_{\geq 2}$	0.0000 ± 0.0000	0.0001 ± 0.0001	0.0004 ± 0.0002	0.0002 ± 0.0001	0.0001 ± 0.0001
$\epsilon_{\geq 1} * \Phi_e$	0.0012 ± 0.0006	0.0042 ± 0.0017	0.0079 ± 0.0037	0.0088 ± 0.0040	0.0052 ± 0.0039
$\epsilon_{\geq 2} * \Phi_e$	0.0000 ± 0.0000	0.0001 ± 0.0001	0.0003 ± 0.0002	0.0002 ± 0.0001	0.0000 ± 0.0001
CEM					
Pretag	267.99 ± 67.00	114.49 ± 21.31	26.28 ± 4.95	5.16 ± 1.08	0.56 ± 0.16
$\geq$ 1 Tag	20.81 ± 10.06	11.51 ± 4.68	3.41 ± 1.58	0.62 ± 0.28	0.04 ± 0.03
$\geq$ 2 Tag	0.00 ± 0.00	0.29 ± 0.24	0.16 ± 0.15	0.02 ± 0.02	0.00 ± 0.00
CMUP					
Pretag	127.04 ± 31.76	47.83 ± 8.90	9.55 ± 1.80	1.69 ± 0.38	0.10 ± 0.06
$\geq$ 1 Tag	9.87 ± 4.77	4.81 ± 1.96	1.24 ± 0.57	0.20 ± 0.09	0.01 ± 0.01
$\geq$ 2 Tag	0.00 ± 0.00	0.12 ± 0.10	0.06 ± 0.05	0.00 ± 0.01	0.00 ± 0.00
CMX					
Pretag	64.95 ± 16.24	25.65 ± 4.77	4.77 ± 0.90	0.66 ± 0.16	0.24 ± 0.05
$\geq$ 1 Tag	5.04 ± 2.44	2.58 ± 1.05	0.62 ± 0.29	0.08 ± 0.04	0.02 ± 0.01
$\geq$ 2 Tag	0.00 ± 0.00	0.07 ± 0.05	0.03 ± 0.03	0.00 ± 0.00	0.00 ± 0.00
Total					
Pretag	459.98 ± 75.91	187.97 ± 23.58	40.60 ± 5.35	7.51 ± 1.18	0.90 ± 0.19
$\geq$ 1 Tag	35.72 ± 11.40	18.90 ± 5.18	5.26 ± 1.70	0.90 ± 0.30	0.06 ± 0.03
$\geq$ 2 Tag	0.00 ± 0.00	0.48 ± 0.27	0.25 ± 0.16	0.02 ± 0.02	0.00 ± 0.00

W+BB					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
ϵ_{b-jet}	0.3911 $\pm$ 0.0099	0.4093 $\pm$ 0.0115	0.4096 $\pm$ 0.0160	0.3864 $\pm$ 0.0232	0.4375 $\pm$ 0.0555
ϵ_{c-jet}	0.0714 $\pm$ 0.0688	0.0000 $\pm$ 0.0000	0.0833 $\pm$ 0.0461	0.1081 $\pm$ 0.0510	0.2222 $\pm$ 0.1386
$\epsilon_{b-jet,1q}$	0.3911 $\pm$ 0.0099	0.4141 $\pm$ 0.0147	0.4072 $\pm$ 0.0199	0.4238 $\pm$ 0.0301	0.4615 $\pm$ 0.0798
$\epsilon_{c-jet,1q}$	0.0714 $\pm$ 0.0688	0.0000 $\pm$ 0.0000	0.0938 $\pm$ 0.0515	0.1000 $\pm$ 0.0548	0.3333 $\pm$ 0.1925
$\epsilon_{b-jet,2q}$	0.0000 $\pm$ 0.0000	0.4017 $\pm$ 0.0183	0.4139 $\pm$ 0.0271	0.3275 $\pm$ 0.0359	0.4146 $\pm$ 0.0769
$\epsilon_{c-jet,2q}$	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.0000 $\pm$ 0.0000	0.1429 $\pm$ 0.1323	0.0000 $\pm$ 0.0000
$\epsilon_{\geq 1}$	0.0039 $\pm$ 0.0012	0.0148 $\pm$ 0.0037	0.0213 $\pm$ 0.0049	0.0236 $\pm$ 0.0057	0.0272 $\pm$ 0.0080
$\epsilon_{\geq 2}$	0.0000 $\pm$ 0.0000	0.0023 $\pm$ 0.0007	0.0034 $\pm$ 0.0010	0.0028 $\pm$ 0.0010	0.0045 $\pm$ 0.0020
$\epsilon_{\geq 1} * \Phi_e$	0.0032 $\pm$ 0.0017	0.0123 $\pm$ 0.0054	0.0177 $\pm$ 0.0070	0.0195 $\pm$ 0.0082	0.0227 $\pm$ 0.0116
$\epsilon_{\geq 2} * \Phi_e$	0.0000 $\pm$ 0.0000	0.0019 $\pm$ 0.0009	0.0029 $\pm$ 0.0012	0.0023 $\pm$ 0.0011	0.0037 $\pm$ 0.0023
CEM					
Pretag	167.49 $\pm$ 50.25	76.32 $\pm$ 15.43	17.23 $\pm$ 3.07	3.39 $\pm$ 0.70	0.37 $\pm$ 0.10
$\geq$ 1 Tag	53.00 $\pm$ 27.91	33.56 $\pm$ 14.62	7.64 $\pm$ 3.03	1.38 $\pm$ 0.59	0.18 $\pm$ 0.10
$\geq$ 2 Tag	0.00 $\pm$ 0.00	6.16 $\pm$ 3.20	1.48 $\pm$ 0.72	0.20 $\pm$ 0.12	0.03 $\pm$ 0.03
CMUP					
Pretag	79.40 $\pm$ 23.82	31.89 $\pm$ 6.44	6.26 $\pm$ 1.12	1.11 $\pm$ 0.25	0.06 $\pm$ 0.04
$\geq$ 1 Tag	25.12 $\pm$ 13.23	14.02 $\pm$ 6.11	2.78 $\pm$ 1.10	0.45 $\pm$ 0.20	0.03 $\pm$ 0.02
$\geq$ 2 Tag	0.00 $\pm$ 0.00	2.57 $\pm$ 1.34	0.54 $\pm$ 0.26	0.06 $\pm$ 0.04	0.01 $\pm$ 0.01
CMX					
Pretag	40.60 $\pm$ 12.18	17.10 $\pm$ 3.45	3.12 $\pm$ 0.56	0.43 $\pm$ 0.10	0.16 $\pm$ 0.04
$\geq$ 1 Tag	12.84 $\pm$ 6.77	7.52 $\pm$ 3.27	1.39 $\pm$ 0.55	0.18 $\pm$ 0.08	0.07 $\pm$ 0.04
$\geq$ 2 Tag	0.00 $\pm$ 0.00	1.38 $\pm$ 0.72	0.27 $\pm$ 0.13	0.03 $\pm$ 0.02	0.01 $\pm$ 0.01
Total					
Pretag	287.49 $\pm$ 56.93	125.31 $\pm$ 17.08	26.62 $\pm$ 3.32	4.94 $\pm$ 0.77	0.59 $\pm$ 0.13
$\geq$ 1 Tag	90.96 $\pm$ 31.62	55.10 $\pm$ 16.18	11.81 $\pm$ 3.27	2.01 $\pm$ 0.63	0.28 $\pm$ 0.11
$\geq$ 2 Tag	0.00 $\pm$ 0.00	10.11 $\pm$ 3.54	2.28 $\pm$ 0.78	0.29 $\pm$ 0.13	0.05 $\pm$ 0.03

ttbar					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
ϵ_{b-jet}	0.4317 ± 0.0174	0.4533 ± 0.0059	0.4515 ± 0.0039	0.4468 ± 0.0041	0.4478 ± 0.0074
ϵ_{c-jet}	0.0857 ± 0.0473	0.1065 ± 0.0129	0.1089 ± 0.0060	0.0958 ± 0.0049	0.0914 ± 0.0083
$\epsilon_{b-jet,1q}$	0.4317 ± 0.0174	0.4694 ± 0.0072	0.4718 ± 0.0051	0.4732 ± 0.0056	0.4672 ± 0.0103
$\epsilon_{c-jet,1q}$	0.0857 ± 0.0473	0.1066 ± 0.0129	0.1100 ± 0.0061	0.0958 ± 0.0050	0.0936 ± 0.0087
$\epsilon_{b-jet,2q}$	0.0000 ± 0.0000	0.4217 ± 0.0100	0.4217 ± 0.0062	0.4161 ± 0.0059	0.4266 ± 0.0107
$\epsilon_{c-jet,2q}$	0.0000 ± 0.0000	0.0000 ± 0.0000	0.0278 ± 0.0274	0.0988 ± 0.0331	0.0617 ± 0.0267
$\epsilon_{\geq 1}$	0.3637 ± 0.0156	0.5456 ± 0.0131	0.6089 ± 0.0105	0.6475 ± 0.0120	0.6662 ± 0.0225
$\epsilon_{\geq 2}$	0.0000 ± 0.0000	0.0853 ± 0.0042	0.1185 ± 0.0036	0.1473 ± 0.0042	0.1628 ± 0.0082
$\epsilon_{\geq 1} * \Phi_e$	0.2945 ± 0.0308	0.4559 ± 0.0343	0.5137 ± 0.0399	0.5505 ± 0.0485	0.5684 ± 0.0587
$\epsilon_{\geq 2} * \Phi_e$	0.0000 ± 0.0000	0.0712 ± 0.0062	0.1000 ± 0.0082	0.1252 ± 0.0114	0.1389 ± 0.0153
CEM					
Pretag	4.70 ± 0.65	23.70 ± 3.16	45.64 ± 6.07	39.37 ± 5.24	11.17 ± 1.53
$\geq$ 1 Tag	1.38 ± 0.24	10.80 ± 1.65	23.45 ± 3.61	21.67 ± 3.46	6.35 ± 1.09
$\geq$ 2 Tag	0.00 ± 0.00	2.02 ± 0.32	5.41 ± 0.77	5.80 ± 0.82	1.82 ± 0.30
CMUP					
Pretag	2.12 ± 0.34	11.82 ± 1.72	22.13 ± 3.20	17.58 ± 2.53	5.15 ± 0.75
$\geq$ 1 Tag	0.62 ± 0.12	5.39 ± 0.88	11.37 ± 1.87	9.68 ± 1.64	2.93 ± 0.52
$\geq$ 2 Tag	0.00 ± 0.00	1.01 ± 0.17	2.62 ± 0.40	2.59 ± 0.39	0.84 ± 0.14
CMX					
Pretag	0.89 ± 0.23	4.47 ± 0.73	8.93 ± 1.47	7.68 ± 1.24	2.32 ± 0.41
$\geq$ 1 Tag	0.26 ± 0.07	2.04 ± 0.37	4.59 ± 0.83	4.23 ± 0.78	1.32 ± 0.27
$\geq$ 2 Tag	0.00 ± 0.00	0.38 ± 0.07	1.06 ± 0.18	1.13 ± 0.19	0.38 ± 0.07
Total					
Pretag	7.72 ± 0.89	39.99 ± 4.32	76.70 ± 8.27	64.63 ± 7.00	18.64 ± 2.05
$\geq$ 1 Tag	2.27 ± 0.31	18.23 ± 2.18	39.40 ± 4.72	35.58 ± 4.40	10.59 ± 1.38
$\geq$ 2 Tag	0.00 ± 0.00	3.41 ± 0.42	9.09 ± 1.03	9.52 ± 1.08	3.03 ± 0.38

Data					
	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
CEM					
Pretag	19155.00 ± 0.00	3314.00 ± 0.00	580.00 ± 0.00	134.00 ± 0.00	23.00 ± 0.00
$\geq$ 1 Tag	287.00 ± 0.00	163.00 ± 0.00	64.00 ± 0.00	43.00 ± 0.00	8.00 ± 0.00
$\geq$ 2 Tag	0.00 ± 0.00	12.00 ± 0.00	11.00 ± 0.00	8.00 ± 0.00	1.00 ± 0.00
CMUP					
Pretag	8221.00 ± 0.00	1201.00 ± 0.00	193.00 ± 0.00	44.00 ± 0.00	7.00 ± 0.00
$\geq$ 1 Tag	115.00 ± 0.00	65.00 ± 0.00	27.00 ± 0.00	18.00 ± 0.00	4.00 ± 0.00
$\geq$ 2 Tag	0.00 ± 0.00	5.00 ± 0.00	5.00 ± 0.00	6.00 ± 0.00	1.00 ± 0.00
CMX					
Pretag	4203.00 ± 0.00	642.00 ± 0.00	94.00 ± 0.00	18.00 ± 0.00	6.00 ± 0.00
$\geq$ 1 Tag	71.00 ± 0.00	32.00 ± 0.00	10.00 ± 0.00	6.00 ± 0.00	4.00 ± 0.00
$\geq$ 2 Tag	0.00 ± 0.00	0.00 ± 0.00	1.00 ± 0.00	3.00 ± 0.00	0.00 ± 0.00
Total					
Pretag	31579.00 ± 0.00	5157.00 ± 0.00	867.00 ± 0.00	196.00 ± 0.00	36.00 ± 0.00
$\geq$ 1 Tag	473.00 ± 0.00	260.00 ± 0.00	101.00 ± 0.00	67.00 ± 0.00	16.00 ± 0.00
$\geq$ 2 Tag	0.00 ± 0.00	17.00 ± 0.00	17.00 ± 0.00	17.00 ± 0.00	2.00 ± 0.00

Total					
Jet Multiplicity	1 jet	2 jets	3 jets	4 jets	$\geq$ 5 jets
Total					
Pretag Events :	36384.98 $\pm$ 307.41	6380.43 $\pm$ 82.78	1100.92 $\pm$ 16.98	243.23 $\pm$ 3.59	43.30 $\pm$ 0.59
$\geq$ 1 Tag Events :	411.61 $\pm$ 70.44	211.31 $\pm$ 31.74	60.13 $\pm$ 8.80	19.92 $\pm$ 3.69	3.45 $\pm$ 1.38
$\geq$ 2 Tag Events :	0.00 $\pm$ 0.00	15.53 $\pm$ 4.75	6.66 $\pm$ 2.58	2.69 $\pm$ 1.58	0.52 $\pm$ 0.66