HERWIG ttbar TopNtuples; JetProb cut is 0.01

CEM	0-jet	1-jet	2-jet	3-jet	$\geq$4-jet	Total
Stage 0 INITIAL	357	5613	30529	70313	271659	378471
Stage 1 OBSV	348	5484	29687	67980	262244	365743
Stage 2 TRIGGER	348	5484	29687	67980	262244	365743
Stage 3 $\geq$1TLEP	100	1796	7619	11300	15266	36081
Stage 4 MET	91	1651	6937	10148	13415	32242
Stage 5 ISO	91	1631	6668	9326	11028	28744
Stage 6 !DILEP	50	973	4769	8780	10929	25501
Stage 7 !Z	48	886	4436	8321	10607	24298
Stage 8 !CONV	48	884	4421	8298	10555	24206
Stage 9 !QCD	48	846	4246	7913	9980	23033
Stage 10 !DIFFZ	48	845	4246	7913	9979	23031
Stage 11 SI GOOD	48	845	4246	7913	9979	23031
Stage 12 TAGGABLE	0	656	3836	7503	9573	21568
Stage 13 $\geq$1+BTAG	0	325	2190	4623	6278	13416
Stage 14 $\geq$2+BTAG	0	0	425	1081	1782	3288
Stage 15 $\geq$1-BTAG	0	12	74	138	209	433
Stage 16 TAGGABLEJP+	0	606	3648	7292	9439	20985
Stage 17 $\geq$1+JPBTAG	0	351	2398	5048	6948	14745
Stage 18 $\geq$2+JPBTAG	0	0	577	1483	2458	4518
Stage 19 TAGGABLEJP-	0	437	2938	6495	8905	18775
Stage 20 $\geq$1-JPBTAG	0	71	390	894	1372	2727
CMUP	0-jet	1-jet	2-jet	3-jet	$\geq$4-jet	Total
Stage 0 INITIAL	357	5613	30529	70313	271659	378471
Stage 1 OBSV	348	5484	29687	67980	262244	365743
Stage 2 TRIGGER	348	5484	29687	67980	262244	365743
Stage 3 $\geq$1TLEP	62	1123	4905	7094	9120	22304
Stage 4 MET	58	1036	4450	6299	8086	19929
Stage 5 ISO	56	980	4155	5678	6830	17699
Stage 6 !DILEP	34	562	2874	5343	6764	15577
Stage 7 !Z	32	520	2724	5180	6607	15063
Stage 8 !COSMIC	32	520	2724	5180	6607	15063
Stage 9 !QCD	32	492	2611	4872	6260	14267
Stage 10 !DIFFZ	32	492	2611	4872	6260	14267
Stage 11 SI GOOD	32	492	2611	4872	6260	14267
Stage 12 TAGGABLE	0	362	2361	4581	5996	13300
Stage 13 $\geq$1+BTAG	0	172	1356	2758	3868	8154
Stage 14 $\geq$2+BTAG	0	0	253	661	1153	2067
Stage 15 $\geq$1-BTAG	0	4	47	103	145	299
Stage 16 TAGGABLEJP+	0	337	2256	4465	5904	12962
Stage 17 $\geq$1+JPBTAG	0	196	1471	3063	4342	9072
Stage 18 $\geq$2+JPBTAG	0	0	330	889	1583	2802
Stage 19 TAGGABLEJP-	0	230	1817	3948	5536	11531
Stage 20 $\geq$1-JPBTAG	0	30	255	586	918	1789
CMX	0-jet	1-jet	2-jet	3-jet	$\geq$4-jet	Total
Stage 0 INITIAL	357	5613	30529	70313	271659	378471
Stage 1 OBSV	348	5484	29687	67980	262244	365743
Stage 2 TRIGGER	348	5484	29687	67980	262244	365743
Stage 3 $\geq$1TLEP	34	390	1894	2679	3234	8231
Stage 4 MET	31	357	1714	2388	2834	7324
Stage 5 ISO	31	344	1604	2146	2382	6507
Stage 6 !DILEP	16	191	1096	2021	2357	5681
Stage 7 !Z	16	170	1035	1955	2306	5482
Stage 8 !COSMIC	16	170	1035	1955	2306	5482
Stage 9 !QCD	16	167	983	1845	2189	5200
Stage 10 !DIFFZ	16	167	983	1845	2189	5200
Stage 11 SI GOOD	16	167	983	1845	2189	5200
Stage 12 TAGGABLE	0	124	906	1757	2117	4904
Stage 13 $\geq$1+BTAG	0	59	534	1086	1412	3091
Stage 14 $\geq$2+BTAG	0	0	99	273	415	787
Stage 15 $\geq$1-BTAG	0	3	24	32	50	109
Stage 16 TAGGABLEJP+	0	117	858	1709	2082	4766
Stage 17 $\geq$1+JPBTAG	0	62	569	1202	1573	3406
Stage 18 $\geq$2+JPBTAG	0	0	132	346	560	1038
Stage 19 TAGGABLEJP-	0	80	709	1544	1962	4295
Stage 20 $\geq$1-JPBTAG	0	6	99	203	326	634

Acceptance for ttbar MC with ≥3 jets

Channel	Total	evqqbb	mvqqbb	tvqqbb	evevbb	mvmvbb	tvtvbb	evmvbb	evtvbb	mvtvbb	qqqqbb
CEM Stage 0 INITIAL	378471	37394	37010	37501	3366	3286	3280	6500	6524	6641	236969
Stage 1 OBSV	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 2 TRIGGER	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 3 ≥1TLEP	36081	15187	668	1744	2120	9	196	2609	2809	225	10514
Stage 4 MET	32242	13701	599	1531	1940	7	175	2397	2590	209	9093
Stage 5 ISO	28744	12376	466	1293	1817	1	158	2264	2402	180	7787
Stage 5 ≥3jets	20354	10295	180	952	641	0	61	270	931	25	6999
Stage 6 !DILEP	19709	10072	78	928	543	0	61	134	907	10	6976
Stage 7 !Z	18928	9753	69	893	412	0	54	110	787	10	6840
Stage 8 !CONV	18853	9731	68	882	410	0	54	109	783	10	6806
Stage 9 !QCD	17893	9211	68	834	399	0	53	107	755	10	6456
Stage 10 !DIFFZ	17892	9210	68	834	399	0	53	107	755	10	6456
Stage 11 SI GOOD	17892	9210	68	834	399	0	53	107	755	10	6456
Stage 12 TAGGABLE	17076	8826	67	793	359	0	48	102	709	9	6163
Stage 13 ≥1+BTAG	10901	5559	43	532	252	0	36	73	492	8	3906
Stage 14 ≥2+BTAG	2863	1441	17	124	66	0	13	21	144	1	1036
Stage 15 ≥1-BTAG	347	199	2	13	6	0	0	0	9	1	117
Stage 16 TAGGABLEJP+	16731	8651	63	783	344	0	47	99	694	9	6041
Stage 17 ≥1+JPBTAG	11996	6143	44	574	268	0	38	74	547	9	4299
Stage 18 ≥2+JPBTAG	3941	2000	20	195	84	0	13	31	198	3	1397
Stage 19 TAGGABLEJP-	15400	7998	63	712	274	0	32	86	562	5	5668
Stage 20 ≥1-JPBTAG	2266	1134	12	108	36	0	7	15	83	0	871
CMUP Stage 0 INITIAL	378471	37394	37010	37501	3366	3286	3280	6500	6524	6641	236969
Stage 1 OBSV	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 2 TRIGGER	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 3 ≥1TLEP	22304	398	9396	1081	3	1377	108	1641	131	1720	6449
Stage 4 MET	19929	362	8342	958	3	1265	96	1505	115	1568	5715
Stage 5 ISO	17699	295	7512	822	0	1200	86	1386	104	1485	4809
Stage 5 ≥3jets	12508	145	6274	610	0	139	36	408	35	547	4314
Stage 6 !DILEP	12107	93	6126	593	0	84	36	316	27	530	4302
Stage 7 !Z	11787	85	5994	572	0	75	35	277	24	499	4226
Stage 8 !COSMIC	11787	85	5994	572	0	75	35	277	24	499	4226
Stage 9 !QCD	11132	83	5678	531	0	70	32	267	24	476	3971
Stage 10 !DIFFZ	11132	83	5678	531	0	70	32	267	24	476	3971
Stage 11 SI GOOD	11132	83	5678	531	0	70	32	267	24	476	3971
Stage 12 TAGGABLE	10577	79	5399	502	0	65	30	251	20	441	3790
Stage 13 ≥1+BTAG	6626	48	3372	324	0	49	19	179	14	291	2330
Stage 14 ≥2+BTAG	1814	13	915	90	0	18	3	50	2	87	636
Stage 15 ≥1-BTAG	248	5	123	15	0	2	0	4	2	13	84
Stage 16 TAGGABLEJP+	10369	77	5297	488	0	66	30	247	20	426	3718
Stage 17 ≥1+JPBTAG	7405	53	3775	363	0	55	19	188	15	334	2603
Stage 18 ≥2+JPBTAG	2472	16	1272	122	0	20	7	62	4	131	838
Stage 19 TAGGABLEJP-	9484	68	4891	455	0	57	25	182	15	347	3444
Stage 20 ≥1-JPBTAG	1504	16	767	70	0	8	4	19	4	61	555
CMX Stage 0 INITIAL	378471	37394	37010	37501	3366	3286	3280	6500	6524	6641	236969
Stage 1 OBSV	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 2 TRIGGER	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 3 ≥1TLEP	8231	147	3424	392	4	583	36	601	47	670	2327
Stage 4 MET	7324	134	3018	346	3	531	32	549	42	611	2058
Stage 5 ISO	6507	105	2738	296	0	492	29	513	38	571	1725
Stage 5 ≥3jets	4528	55	2247	211	0	61	15	173	7	217	1542
Stage 6 !DILEP	4378	32	2195	207	0	40	15	144	7	207	1531
Stage 7 !Z	4261	29	2158	205	0	34	15	122	6	187	1505
Stage 8 !COSMIC	4261	29	2158	205	0	34	15	122	6	187	1505
Stage 9 !QCD	4034	29	2032	193	0	33	13	118	6	176	1434
Stage 10 !DIFFZ	4034	29	2032	193	0	33	13	118	6	176	1434
Stage 11 SI GOOD	4034	29	2032	193	0	33	13	118	6	176	1434
Stage 12 TAGGABLE	3874	27	1954	183	0	32	11	106	6	165	1390
Stage 13 ≥1+BTAG	2498	19	1256	126	0	21	7	67	4	109	889
Stage 14 ≥2+BTAG	688	7	350	38	0	8	4	18	0	36	227
Stage 15 ≥1-BTAG	82	3	35	2	0	0	0	6	0	3	33
Stage 16 TAGGABLEJP+	3791	26	1915	179	0	31	11	103	6	154	1366
Stage 17 ≥1+JPBTAG	2775	21	1386	134	0	21	9	76	4	122	1002
Stage 18 ≥2+JPBTAG	906	7	466	39	0	7	5	24	1	49	308
Stage 19 TAGGABLEJP-	3506	24	1784	167	0	28	9	84	6	137	1267
Stage 20 ≥1-JPBTAG	529	3	268	31	0	5	0	17	1	20	184

Acceptance for ttbar MC with $\geq$4 jets

Channel	Total	evqqbb	mvqqbb	tvqqbb	evevbb	mvmvbb	tvtvbb	evmvbb	evtvbb	mvtvbb	qqqqbb
CEM Stage 0 INITIAL	378471	37394	37010	37501	3366	3286	3280	6500	6524	6641	236969
Stage 1 OBSV	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 2 TRIGGER	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 3 $\geq$1TLEP	36081	15187	668	1744	2120	9	196	2609	2809	225	10514
Stage 4 MET	32242	13701	599	1531	1940	7	175	2397	2590	209	9093
Stage 5 ISO	28744	12376	466	1293	1817	1	158	2264	2402	180	7787
Stage 5 $\geq$4jets	11028	5814	38	513	86	0	7	16	138	2	4414
Stage 6 !DILEP	10929	5764	21	506	82	0	7	5	137	1	4406
Stage 7 !Z	10607	5587	18	490	62	0	6	5	116	1	4322
Stage 8 !CONV	10555	5571	18	483	62	0	6	5	115	1	4294
Stage 9 !QCD	9980	5265	18	452	61	0	6	5	109	1	4063
Stage 10 !DIFFZ	9979	5264	18	452	61	0	6	5	109	1	4063
Stage 11 SI GOOD	9979	5264	18	452	61	0	6	5	109	1	4063
Stage 12 TAGGABLE	9573	5046	18	432	52	0	6	5	107	1	3906
Stage 13 $\geq$1+BTAG	6278	3288	14	292	36	0	4	3	69	1	2571
Stage 14 $\geq$2+BTAG	1782	951	5	69	10	0	0	0	23	0	724
Stage 15 $\geq$1-BTAG	209	118	0	9	1	0	0	0	0	0	81
Stage 16 TAGGABLEJP+	9439	4978	17	429	50	0	6	5	105	1	3848
Stage 17 $\geq$1+JPBTAG	6948	3656	13	318	39	0	3	4	84	1	2830
Stage 18 $\geq$2+JPBTAG	2458	1289	5	116	14	0	0	1	34	1	998
Stage 19 TAGGABLEJP-	8905	4675	17	403	40	0	3	5	95	1	3666
Stage 20 $\geq$1-JPBTAG	1372	694	4	64	5	0	0	0	14	0	591
CMUP Stage 0 INITIAL	378471	37394	37010	37501	3366	3286	3280	6500	6524	6641	236969
Stage 1 OBSV	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 2 TRIGGER	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 3 $\geq$1TLEP	22304	398	9396	1081	3	1377	108	1641	131	1720	6449
Stage 4 MET	19929	362	8342	958	3	1265	96	1505	115	1568	5715
Stage 5 ISO	17699	295	7512	822	0	1200	86	1386	104	1485	4809
Stage 5 $\geq$4jets	6830	50	3599	321	0	10	7	48	5	92	2698
Stage 6 !DILEP	6764	39	3569	318	0	8	7	38	5	90	2690
Stage 7 !Z	6607	34	3491	309	0	7	7	32	5	84	2638
Stage 8 !COSMIC	6607	34	3491	309	0	7	7	32	5	84	2638
Stage 9 !QCD	6260	33	3313	287	0	7	7	32	5	81	2495
Stage 10 !DIFFZ	6260	33	3313	287	0	7	7	32	5	81	2495
Stage 11 SI GOOD	6260	33	3313	287	0	7	7	32	5	81	2495
Stage 12 TAGGABLE	5996	33	3172	269	0	6	7	30	4	78	2397
Stage 13 $\geq$1+BTAG	3868	20	2068	185	0	5	4	23	3	55	1505
Stage 14 $\geq$2+BTAG	1153	5	630	56	0	3	1	4	0	21	433
Stage 15 $\geq$1-BTAG	145	2	78	7	0	0	0	0	0	0	58
Stage 16 TAGGABLEJP+	5904	32	3127	263	0	6	7	30	4	74	2361
Stage 17 $\geq$1+JPBTAG	4342	21	2332	208	0	6	4	22	1	58	1690
Stage 18 $\geq$2+JPBTAG	1583	6	883	70	0	3	1	7	1	26	586
Stage 19 TAGGABLEJP-	5536	30	2933	250	0	5	7	24	3	60	2224
Stage 20 $\geq$1-JPBTAG	918	7	484	42	0	0	2	1	1	9	372
CMX Stage 0 INITIAL	378471	37394	37010	37501	3366	3286	3280	6500	6524	6641	236969
Stage 1 OBSV	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 2 TRIGGER	365743	36102	35743	36268	3260	3170	3179	6261	6302	6410	229048
Stage 3 $\geq$1TLEP	8231	147	3424	392	4	583	36	601	47	670	2327
Stage 4 MET	7324	134	3018	346	3	531	32	549	42	611	2058
Stage 5 ISO	6507	105	2738	296	0	492	29	513	38	571	1725
Stage 5 $\geq$4jets	2382	21	1243	109	0	3	4	23	2	30	947
Stage 6 !DILEP	2357	15	1234	108	0	3	4	23	2	28	940
Stage 7 !Z	2306	13	1214	107	0	2	4	20	2	26	918
Stage 8 !COSMIC	2306	13	1214	107	0	2	4	20	2	26	918
Stage 9 !QCD	2189	13	1146	100	0	2	4	20	2	23	879
Stage 10 !DIFFZ	2189	13	1146	100	0	2	4	20	2	23	879
Stage 11 SI GOOD	2189	13	1146	100	0	2	4	20	2	23	879
Stage 12 TAGGABLE	2117	11	1112	93	0	2	2	17	2	21	857
Stage 13 $\geq$1+BTAG	1412	7	743	66	0	1	2	14	2	14	563
Stage 14 $\geq$2+BTAG	415	2	219	22	0	1	2	3	0	2	164
Stage 15 $\geq$1-BTAG	50	0	22	1	0	0	0	2	0	2	23
Stage 16 TAGGABLEJP+	2082	11	1096	92	0	1	2	17	2	20	841
Stage 17 $\geq$1+JPBTAG	1573	9	825	69	0	1	2	15	2	17	633
Stage 18 $\geq$2+JPBTAG	560	2	300	22	0	0	1	5	1	7	222
Stage 19 TAGGABLEJP-	1962	10	1027	85	0	2	2	16	2	18	800
Stage 20 $\geq$1-JPBTAG	326	1	163	17	0	1	0	5	0	5	134