

Table 1: JES percent  $\Delta$  Acceptance in High Mass control region

<b>samples</b>	<b>enujj</b>	<b>munujj</b>
herwig.ww	9.18	11.90
herwig.wz	6.36	9.29
herwig.zz	6.16	4.58
herwig.vv	8.55	11.26
mcatnlo.ttbar	5.29	8.21
mcatnlo.top	5.65	8.44
mcatnlo.singletop	8.72	10.27
alpgen.wjets	11.74	11.04
alpgen.zjets	17.85	9.34
qcd.alpgen	-	-
rsg.m500.kmpl0_1	9.58	12.83
rsg.m750.kmpl0_1	2.58	2.42
rsg.m1000.kmpl0_1	3.00	1.60
rsg.m1250.kmpl0_1	4.35	2.79
rsg.m1500.kmpl0_1	2.51	3.63
wprime.wz.m500	10.73	11.90
wprime.wz.m600	2.52	4.14
wprime.wz.m700	1.31	1.37
wprime.wz.m800	0.40	0.14
wprime.wz.m900	0.76	0.45
wprime.wz.m1000	0.91	0.86
wprime.wz.m1100	1.07	0.36
wprime.wz.m1200	0.89	1.09
wprime.wz.m1300	0.40	0.60
wprime.wz.m1400	1.39	3.43
wprime.wz.m1500	2.04	3.96
afii.kkg.lvjj.m500	10.21	14.52
afii.kkg.lvjj.m600	4.28	5.61
afii.kkg.lvjj.m700	3.20	2.55
afii.kkg.lvjj.m800	2.52	2.71
afii.kkg.lvjj.m900	3.25	2.77
afii.kkg.lvjj.m1000	3.33	2.01
afii.kkg.lvjj.m1100	3.72	3.32
afii.kkg.lvjj.m1200	3.91	3.44
afii.kkg.lvjj.m1300	4.91	4.33
afii.kkg.lvjj.m1400	6.39	2.76
afii.kkg.lvjj.m1500	4.81	6.04

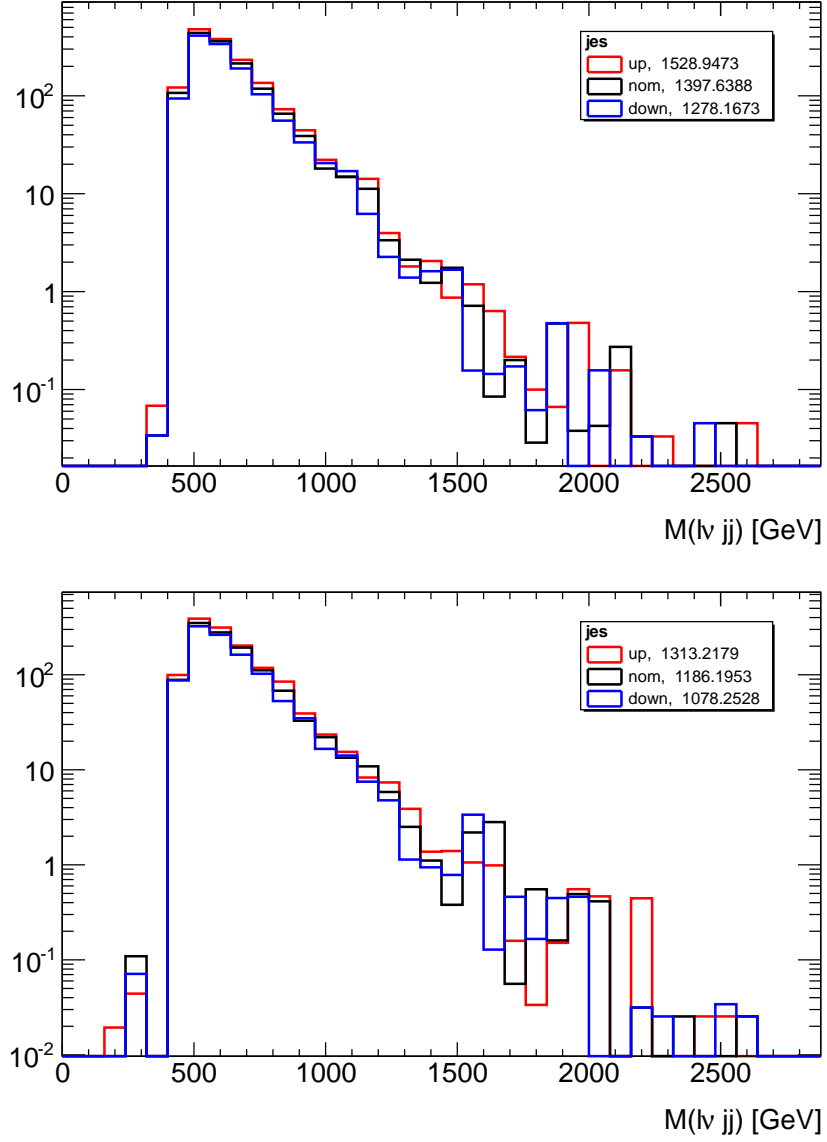


Figure 1: Transverse mass of the system for electron (top) and muon (bottom) channels

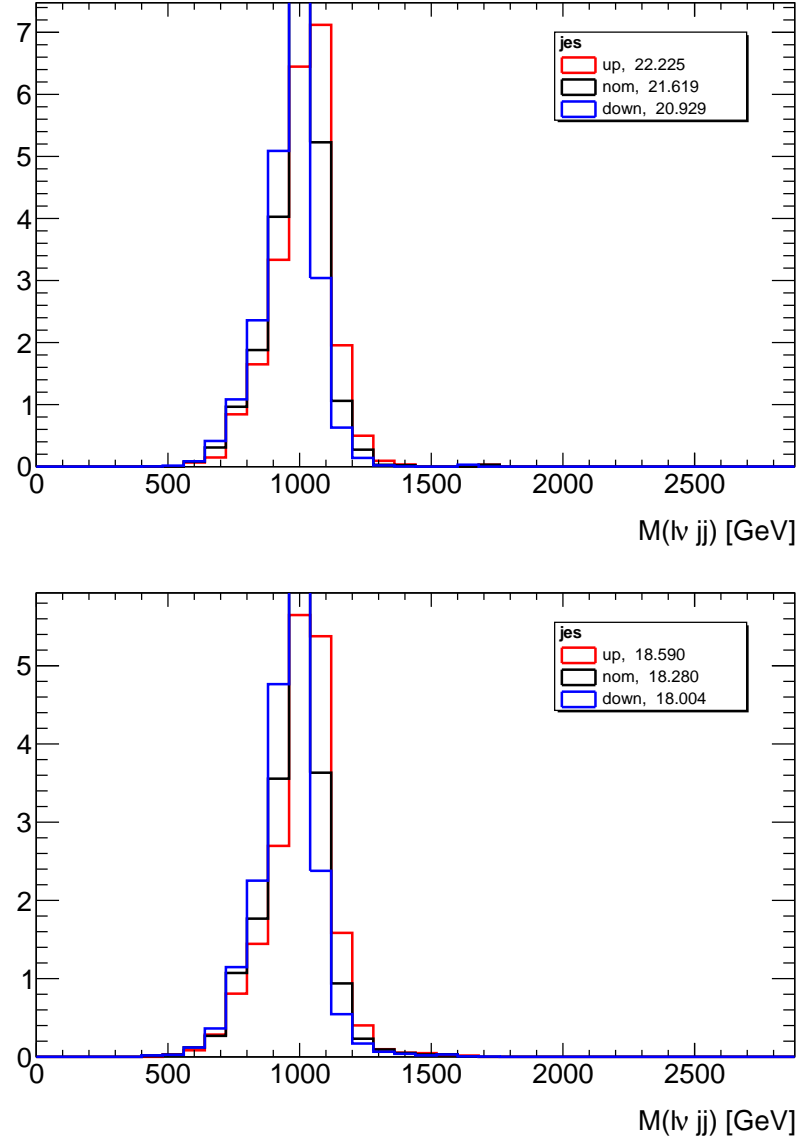


Figure 2:  $G^*$  ( $M=1000$ ) Transverse mass of the system for electron (top) and muon (bottom) channels

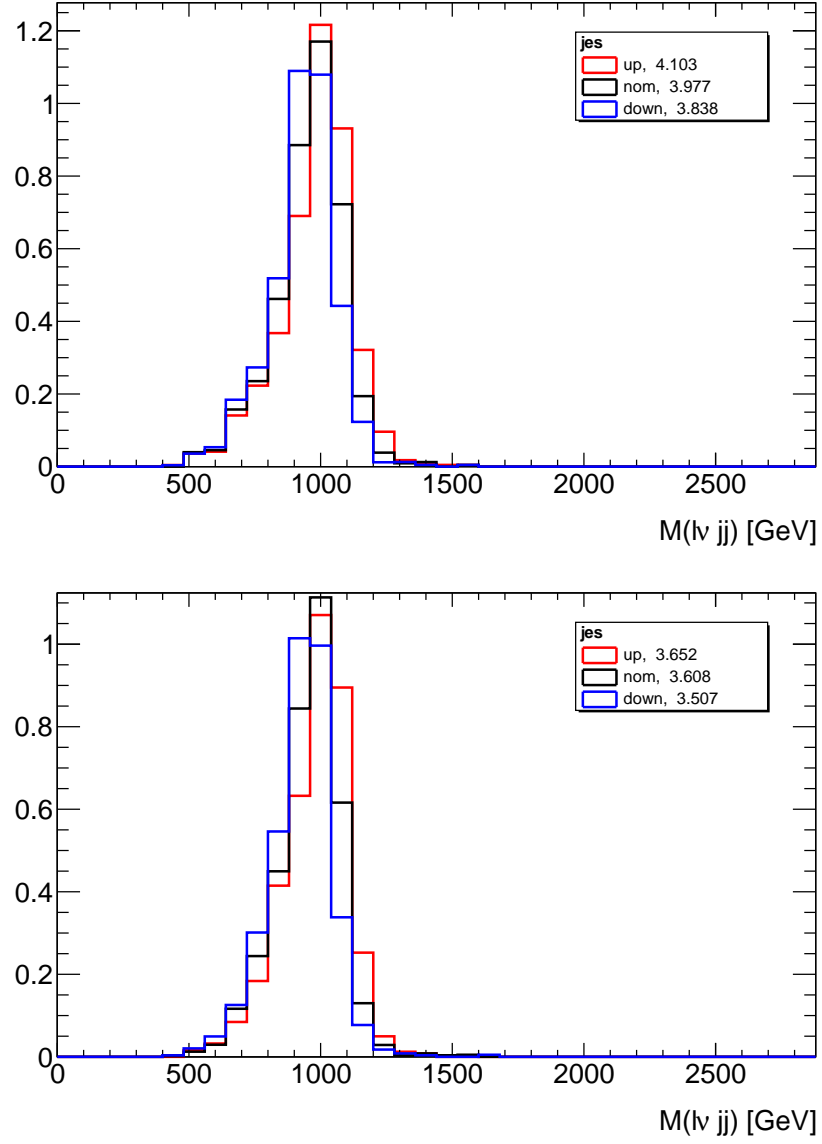


Figure 3:  $G_{kk}$  ( $M=1000$ ) Transverse mass of the system for electron (top) and muon (bottom) channels