

Table 1: Fit summary (Hadronic)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
1b ge4j SM Hadronic	189^{+11}_{-11}	118^{+8}_{-8}	$45.1^{+4.6}_{-3.6}$	$18.3^{+3.0}_{-2.2}$	$6.5^{+1.5}_{-1.1}$	$5.1^{+1.5}_{-1.7}$	$2.6^{+1.0}_{-0.9}$	$1.9^{+1.1}_{-1.0}$
1b ge4j Data Hadronic	196	132	44	14	8	6	2	0

Table 2: Fit summary (μ +jets)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
1b ge4j SM μ +jets	1238^{+34}_{-43}	881^{+24}_{-36}	385^{+21}_{-19}	202^{+15}_{-14}	$86.0^{+11.0}_{-8.8}$	$55.0^{+7.0}_{-7.6}$	$25.0^{+5.1}_{-5.1}$	$11.0^{+3.0}_{-3.0}$
1b ge4j Data μ +jets	1238	881	385	202	86	55	25	11

Table 3: Fit summary (γ +jets)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
1b ge4j SM γ +jets	$98.0^{+8.6}_{-10.2}$	$77.0^{+10.1}_{-9.1}$	$33.0^{+6.1}_{-5.2}$	$13.0^{+3.8}_{-3.2}$	$7.0^{+3.0}_{-3.0}$	$3.0^{+1.9}_{-2.0}$	$4.0^{+2.0}_{-2.0}$	$2.0^{+1.0}_{-1.0}$
1b ge4j Data γ +jets	98	77	33	13	7	3	4	2