

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	192^{+9}_{-8}	122^{+6}_{-6}	$44.8^{+3.2}_{-3.7}$	$17.1^{+2.4}_{-2.0}$	$6.8^{+1.2}_{-1.3}$	$5.4^{+1.5}_{-1.5}$	$2.4^{+1.0}_{-0.8}$	$1.2^{+0.8}_{-0.8}$
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	1241^{+36}_{-33}	888^{+29}_{-26}	384^{+17}_{-20}	200^{+14}_{-11}	$86.6^{+9.0}_{-10.7}$	$55.3^{+7.8}_{-7.4}$	$24.9^{+4.6}_{-5.6}$	$10.7^{+3.1}_{-3.1}$
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	$99.0^{+9.7}_{-8.7}$	$79.8^{+8.0}_{-8.7}$	$32.7^{+5.9}_{-5.3}$	$11.9^{+3.6}_{-3.1}$	$7.6^{+2.3}_{-2.8}$	$3.3^{+1.2}_{-1.6}$	$3.7^{+2.0}_{-1.6}$	$1.1^{+0.8}_{-1.1}$
1b ge4j Data γ +jets	98	77	33	13	7	3	4	2