

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	191^{+6}_{-6}	121^{+5}_{-5}	$44.8^{+3.3}_{-2.8}$	$17.1^{+2.3}_{-1.9}$	$6.8^{+1.1}_{-1.3}$	$5.4^{+1.5}_{-1.4}$	$2.4^{+0.8}_{-0.8}$	$1.2^{+0.8}_{-0.7}$
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	1242^{+37}_{-34}	888^{+27}_{-26}	384^{+21}_{-18}	200^{+14}_{-12}	$86.6^{+9.1}_{-10.0}$	$55.2^{+7.4}_{-6.2}$	$24.9^{+4.6}_{-5.7}$	$10.6^{+3.3}_{-3.0}$
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	$99.2^{+9.5}_{-8.6}$	$80.2^{+7.9}_{-8.7}$	$32.7^{+5.7}_{-4.6}$	$11.9^{+3.4}_{-3.3}$	$7.6^{+2.3}_{-2.9}$	$3.3^{+1.7}_{-1.4}$	$3.7^{+1.8}_{-1.7}$	$1.1^{+1.0}_{-1.0}$
1b ge4j Data γ +jets	98	77	33	13	7	3	4	2