

Table 1: Fit summary (Hadronic)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
2b ge4j SM Hadronic	$74.6^{+3.0}_{-3.5}$	$46.6^{+2.5}_{-2.3}$	$19.6^{+1.6}_{-1.4}$	$7.6^{+1.2}_{-1.1}$	$1.9^{+0.4}_{-0.3}$	$0.9^{+0.2}_{-0.2}$	$0.4^{+0.1}_{-0.1}$	$0.4^{+0.2}_{-0.1}$
2b ge4j Data Hadronic	72	52	31	12	1	2	0	1

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– ∞
2b ge4j SM μ +jets	757^{+23}_{-28}	520^{+23}_{-21}	285^{+18}_{-15}	128^{+10}_{-10}	$54.1^{+8.8}_{-5.8}$	$20.1^{+4.1}_{-4.7}$	$10.6^{+3.0}_{-3.0}$	$9.6^{+2.9}_{-2.9}$
2b ge4j Data μ +jets	760	515	274	124	55	19	11	9

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– ∞
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