

Table 1: Fit summary (Hadronic)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
1b ge4j SM Hadronic	$190^{+10}_{-8}$	$120^{+6}_{-5}$	$45.6^{+3.1}_{-3.8}$	$17.1^{+2.6}_{-1.9}$	$6.8^{+1.5}_{-1.3}$	$5.4^{+1.3}_{-1.6}$	$2.4^{+0.9}_{-0.9}$	$1.2^{+0.7}_{-0.8}$
1b ge4j Data Hadronic	206	135	45	14	8	6	2	0

Table 2: Fit summary ( $\mu$ +jets)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
1b ge4j SM $\mu$ +jets	$1250^{+37}_{-28}$	$891^{+27}_{-31}$	$385^{+21}_{-20}$	$200^{+12}_{-12}$	$86.6^{+9.0}_{-10.1}$	$55.3^{+7.7}_{-7.3}$	$24.9^{+4.4}_{-5.3}$	$10.7^{+3.1}_{-3.4}$
1b ge4j Data $\mu$ +jets	1238	881	385	202	86	55	25	11

Table 3: Fit summary ( $\gamma$ +jets)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
1b ge4j SM $\gamma$ +jets	$102^{+10}_{-9}$	$81.3^{+8.2}_{-7.9}$	$32.7^{+5.5}_{-5.6}$	$11.9^{+3.7}_{-3.0}$	$7.6^{+2.6}_{-2.6}$	$3.3^{+1.2}_{-1.6}$	$3.7^{+1.9}_{-1.9}$	$1.1^{+0.8}_{-1.1}$
1b ge4j Data $\gamma$ +jets	98	77	33	13	7	3	4	2