

Table 1: Fit summary (Hadronic)

| H_T Bin (GeV) | 375–475 | 475–575 | 575–675 | 675–775 | 775–875 | 875–975 | 975–1075 | 1075– ∞ |
|-----------------------|-------------------|-------------------|-----------------|----------------------|----------------------|----------------------|---------------------|---------------------|
| 0b ge4j SM Hadronic | 448^{+16}_{-17} | 295^{+16}_{-13} | 137^{+8}_{-9} | $65.9^{+8.8}_{-6.7}$ | $26.5^{+4.6}_{-3.8}$ | $13.4^{+2.8}_{-2.5}$ | $6.7^{+2.5}_{-1.9}$ | $3.7^{+1.5}_{-1.3}$ |
| 0b ge4j Data Hadronic | 470 | 302 | 158 | 66 | 28 | 15 | 6 | 2 |

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– ∞ |
|--------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|----------------------|----------------------|----------------------|
| 0b ge4j SM μ +jets | 1249^{+38}_{-36} | 888^{+30}_{-32} | 562^{+27}_{-21} | 308^{+17}_{-16} | 162^{+13}_{-13} | $81.0^{+7.9}_{-9.5}$ | $47.0^{+6.9}_{-7.9}$ | $29.0^{+6.0}_{-5.2}$ |
| 0b ge4j Data μ +jets | 1249 | 888 | 562 | 308 | 162 | 81 | 47 | 29 |

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– ∞ |
|-----------------------------|-------------------|-------------------|-------------------|----------------------|----------------------|----------------------|---------------------|---------------------|
| 0b ge4j SM γ +jets | 427^{+17}_{-22} | 344^{+23}_{-18} | 155^{+11}_{-14} | $83.0^{+9.1}_{-9.4}$ | $32.0^{+6.0}_{-5.9}$ | $21.0^{+4.8}_{-5.0}$ | $8.0^{+3.1}_{-2.9}$ | $5.0^{+2.1}_{-2.0}$ |
| 0b ge4j Data γ +jets | 427 | 344 | 155 | 83 | 32 | 21 | 8 | 5 |