

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 | 460^{+16}_{-15} | 298^{+12}_{-11} | 146^{+7}_{-7} | $66.0^{+4.4}_{-5.5}$ | $27.1^{+3.2}_{-3.5}$ | $14.0^{+2.0}_{-1.9}$ | $6.5^{+1.4}_{-1.5}$ | $3.2^{+1.0}_{-1.0}$ |
| 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 | 1254^{+35}_{-36} | 889^{+31}_{-29} | 567^{+22}_{-23} | 308^{+17}_{-15} | 162^{+10}_{-13} | $81.3^{+8.9}_{-8.5}$ | $46.9^{+6.8}_{-7.0}$ | $28.6^{+6.4}_{-4.9}$ |
| 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 | 432^{+20}_{-20} | 346^{+17}_{-16} | 162^{+11}_{-12} | $83.0^{+7.1}_{-8.1}$ | $32.6^{+5.5}_{-4.9}$ | $21.8^{+3.7}_{-4.0}$ | $7.7^{+2.2}_{-2.2}$ | $4.2^{+1.9}_{-1.8}$ |
| 0b ge4j Data γ +jets | 427 | 344 | 155 | 83 | 32 | 21 | 8 | 5 |