

|   | $\Lambda = 100$   | $\Lambda = 200$   | $\Lambda = 300$   | $\Lambda = 400$   |
|---|-------------------|-------------------|-------------------|-------------------|
| -                                       | $100.00 \pm 0.00$ | $100.00 \pm 0.00$ | $100.00 \pm 0.00$ | $100.00 \pm 0.00$ |
| + Signal Trigger                        | $2.38 \pm 0.09$   | $3.17 \pm 0.11$   | $4.05 \pm 0.13$   | $4.64 \pm 0.13$   |
| + 1st Photon $p_T$ and $\eta$ cut       | $1.88 \pm 0.08$   | $2.59 \pm 0.10$   | $3.32 \pm 0.12$   | $3.85 \pm 0.12$   |
| + 1st Photon Tight ID                   | $0.71 \pm 0.05$   | $1.34 \pm 0.07$   | $1.99 \pm 0.09$   | $2.33 \pm 0.09$   |
| + 1st Photon Track Veto                 | $0.419 \pm 0.040$ | $0.90 \pm 0.06$   | $1.31 \pm 0.07$   | $1.46 \pm 0.07$   |
| + nJets $\geq 3$                        | $0.415 \pm 0.040$ | $0.82 \pm 0.06$   | $1.13 \pm 0.07$   | $1.24 \pm 0.07$   |
| + Anomalous $p_T^{\text{miss}}$ filters | $0.409 \pm 0.040$ | $0.80 \pm 0.06$   | $1.10 \pm 0.07$   | $1.21 \pm 0.07$   |
| + 2nd Photon $p_T$ and $\eta$ cut       | $0.207 \pm 0.028$ | $0.374 \pm 0.038$ | $0.446 \pm 0.043$ | $0.470 \pm 0.042$ |
| + 2nd Photon Very Loose ID              | $0.148 \pm 0.024$ | $0.263 \pm 0.032$ | $0.329 \pm 0.037$ | $0.328 \pm 0.035$ |
| + $H_T > 400 \text{ GeV}$               | $0.131 \pm 0.022$ | $0.151 \pm 0.024$ | $0.163 \pm 0.026$ | $0.191 \pm 0.027$ |