| Applied Cut | $N_{bkgd}^{Exp}$ | $N_{sig}^{Exp}$ | $N_{sig}^{Exp}/N_{bkgd}^{Exp}$ | $N_{sig}^{Exp}/\sqrt{N_{bkgd}^{Exp}}$ |
|---|---|---|---|---|
| No Cuts | $39150.^{184.005}_{-187.92}$ | $92.78^{0.436066}_{-0.445344}$ | 0.00236986 | 0.468909 |
| Trigger: $\|\eta\|<2.4$ | $31731.1^{168.345}_{-168.345}$ | $90.4048^{0.436066}_{-0.436066}$ | 0.00284909 | 0.507515 |
| $p_T \geq 0.2$ GeV | $5253.93^{66.555}_{-70.47}$ | $81.5351^{0.408232}_{-0.41751}$ | 0.0155189 | 1.12487 |
| $p_T \geq 0.25$ GeV | $2951.91^{50.895}_{-50.895}$ | $75.291^{0.398954}_{-0.398954}$ | 0.0255058 | 1.38577 |
| $p_T \geq 0.3$ GeV | $1703.03^{39.15}_{-39.15}$ | $67.4603^{0.37112}_{-0.380398}$ | 0.0396121 | 1.6347 |
| $p_T \geq 0.35$ GeV | $1084.46^{31.32}_{-31.32}$ | $57.4958^{0.343286}_{-0.352564}$ | 0.0530181 | 1.74594 |
| $p_T \geq 0.4$ GeV | $685.125^{23.49}_{-23.49}$ | $45.4344^{0.306174}_{-0.306174}$ | 0.0663154 | 1.7358 |
| $p_T \geq 0.45$ GeV | $391.5^{19.575}_{-19.575}$ | $29.6061^{0.250506}_{-0.250506}$ | 0.0756222 | 1.49629 |