

| Selection | gluinoGMSB 1000 GeV $c\tau = 1$ m | gluinoGMSB 1000 GeV $c\tau = 10$ m | gluinoGMSB 1000 GeV $c\tau = 30$ m | | | |
|--|-----------------------------------|------------------------------------|------------------------------------|----------|---------|----------|
| | cut eff | cumu eff | cut eff | cumu eff | cut eff | cumu eff |
| Trigger and met selection | 57.47 | 57.47 | 27.65 | 27.65 | 17.56 | 17.56 |
| jet with $p_T > 30$ GeV and $ \eta < 1.48$ | 99.20 | 57.00 | 96.83 | 26.77 | 94.95 | 16.67 |
| $E_{\text{ECAL}}^{\text{CSC}} / E_{\text{ECAL}} < 0.8$ | 99.33 | 56.62 | 96.18 | 25.75 | 96.52 | 16.09 |
| $E_{\text{ECAL}} > 20$ GeV | 99.21 | 56.17 | 96.72 | 24.91 | 96.48 | 15.53 |
| $N_{\text{ECAL}}^{\text{cell}} > 25$ | 96.43 | 54.17 | 88.64 | 22.08 | 86.85 | 13.48 |
| HEF $> 20\%$ total | 99.20 | 53.74 | 97.75 | 21.58 | 97.31 | 13.12 |
| $E_{\text{HCAL}} > 50$ GeV | 98.60 | 52.99 | 97.17 | 20.97 | 97.30 | 12.77 |
| $t_{\text{jet}} > 3\text{ns}$ | 23.73 | 12.57 | 27.27 | 5.72 | 18.33 | 2.34 |
| $jtrms < 2.5\text{ns}$ | 92.10 | 11.58 | 93.42 | 5.34 | 93.72 | 2.19 |
| $jtrmsfrac < 40\%$ median time | 73.70 | 8.53 | 84.01 | 4.49 | 85.05 | 1.87 |
| $PV_{\text{track}}^{\text{fraction}} < 1/12$ transverse energy | 98.75 | 8.43 | 98.62 | 4.43 | 98.75 | 1.84 |
| Cosmic veto | 96.90 | 8.17 | 92.55 | 4.10 | 93.61 | 1.72 |
| Event quality filters | 94.67 | 7.73 | 89.86 | 3.68 | 92.60 | 1.60 |