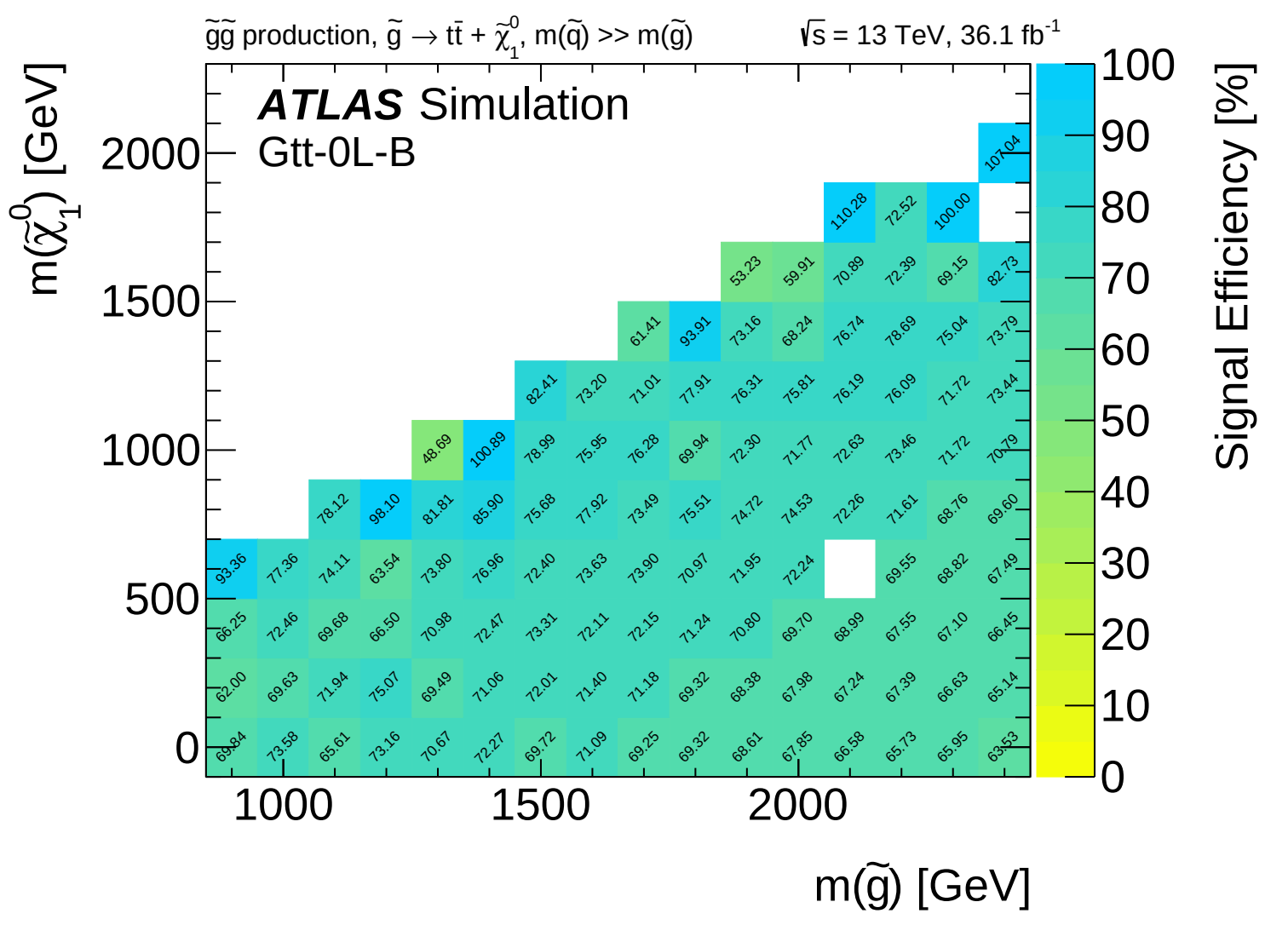
$\tilde{g}\tilde{g}$ production, $\tilde{g} \rightarrow t\bar{t} + \tilde{\chi}_1^0$, $m(\tilde{q}) >> m(\tilde{g})$
$\sqrt{s}$ = 13 TeV, 36.1 fb^{-1}
ATLAS Simulation
Gtt-0L-B
$m(\tilde{\chi}_1^0)$ [GeV]
$m(\tilde{g})$ [GeV]
Signal Efficiency [%]
0
500
1000
1500
2000
1000
1500
2000
0
10
20
30
40
50
60
70
80
90
100
93.36 77.36 74.11 63.54 73.80 76.96 72.40 73.63 73.90 70.97 71.95 72.24 69.55 68.82 67.49
66.25 72.46 69.68 66.50 70.98 72.47 73.31 72.11 72.15 71.24 70.80 69.70 68.99 67.55 67.10 66.45
62.00 69.63 71.94 75.07 69.49 71.06 72.01 71.40 71.18 69.32 68.38 67.98 67.24 67.39 66.63 65.14
69.84 73.58 65.61 73.16 70.67 72.27 69.72 71.09 69.25 69.32 68.61 67.85 66.58 65.73 65.95 63.53
78.12 98.10 81.81 85.90 75.68 77.92 73.49 75.51 74.72 74.53 72.26 71.61 68.76 69.60
48.69 100.89 78.99 75.95 76.28 69.94 72.30 71.77 72.63 73.46 71.72 70.79
82.41 73.20 71.01 77.91 76.31 75.81 76.19 76.09 71.72 73.44
61.41 93.91 73.16 68.24 76.74 78.69 75.04 73.79
53.23 59.91 70.89 72.39 69.15 82.73
110.28 72.52 100.00
107.04