

Events

 $\times 10^9$ **ATLAS** Internal $\int L dt = 20.2769 \text{ pb}^{-1}$ μ channel

■ QCD

■ W + jets

■ single top

□ $t\bar{t}$

● Data

Data/MC

600
500
400
300
200
1001.5
1
0.5

0 100 200 300 400 500 600 700 800 900 1000

VLQ top mass in S1 (GeV)

