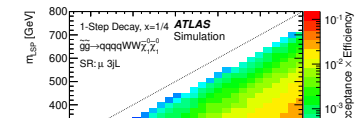
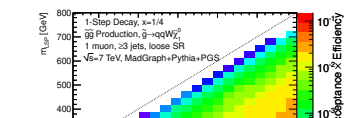

1-Step Decay, x=1/4
ATLAS
Simulation
$\tilde{g}\tilde{g} \rightarrow qqqqWW\tilde{\chi}_1^0\tilde{\chi}_1^0$
SR: μ 3jL
m_{LSP} [GeV]
m_{gluino} [GeV]
Acceptance × Efficiency


1-Step Decay, x=1/4
$\tilde{g}\tilde{g}$ Production, $\tilde{g} \rightarrow qqW\tilde{\chi}_1^0$
1 muon, ≥3 jets, loose SR
$\sqrt{s}$=7 TeV, MadGraph+Pythia+PGS
m_{LSP} [GeV]
$m_{\tilde{g}}$ [GeV]
Acceptance × Efficiency