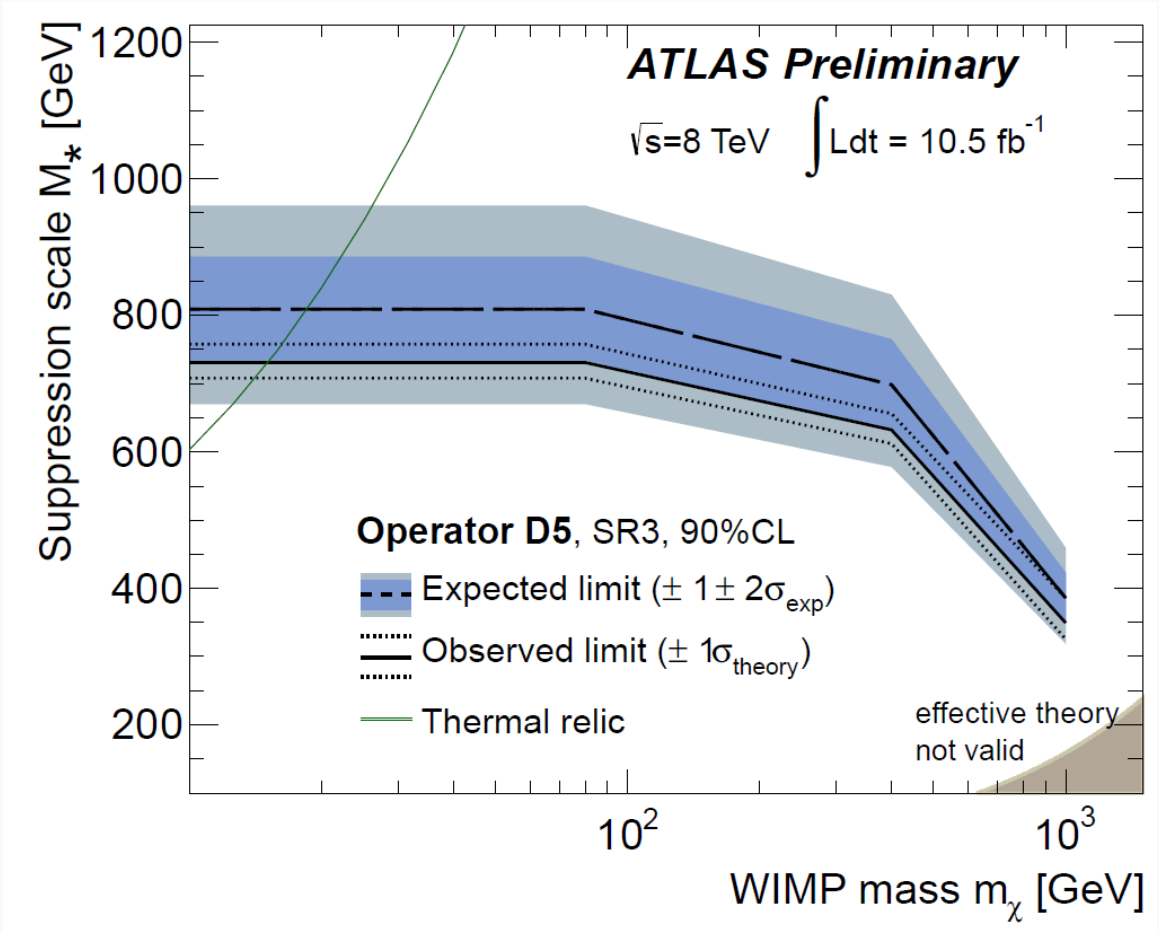
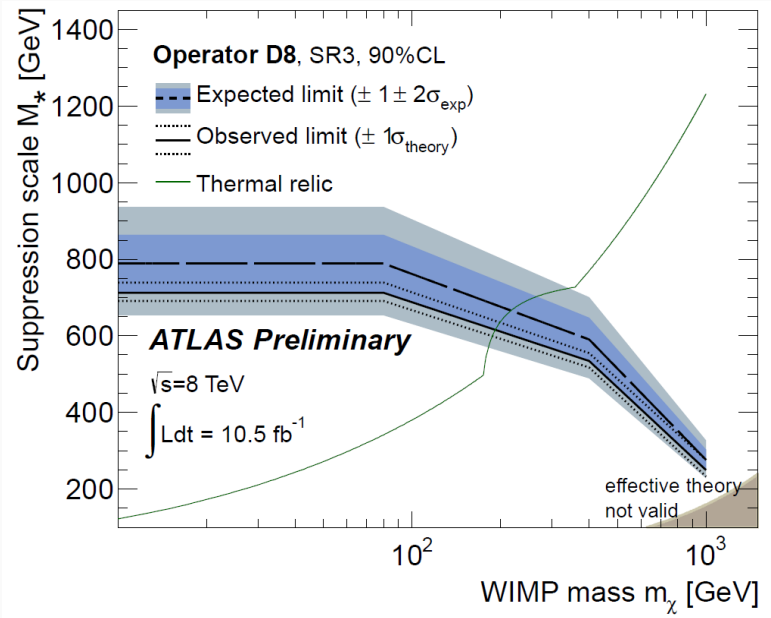
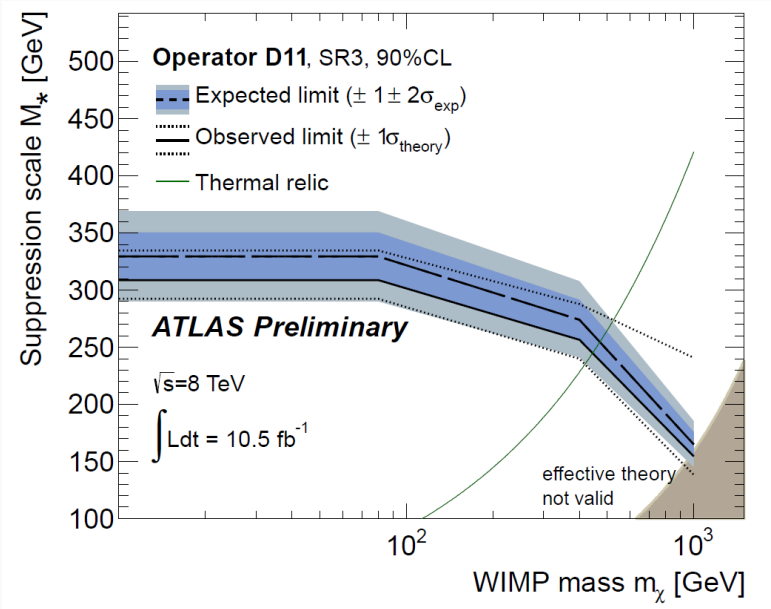
Monojet Limits on Cut-Off Scale

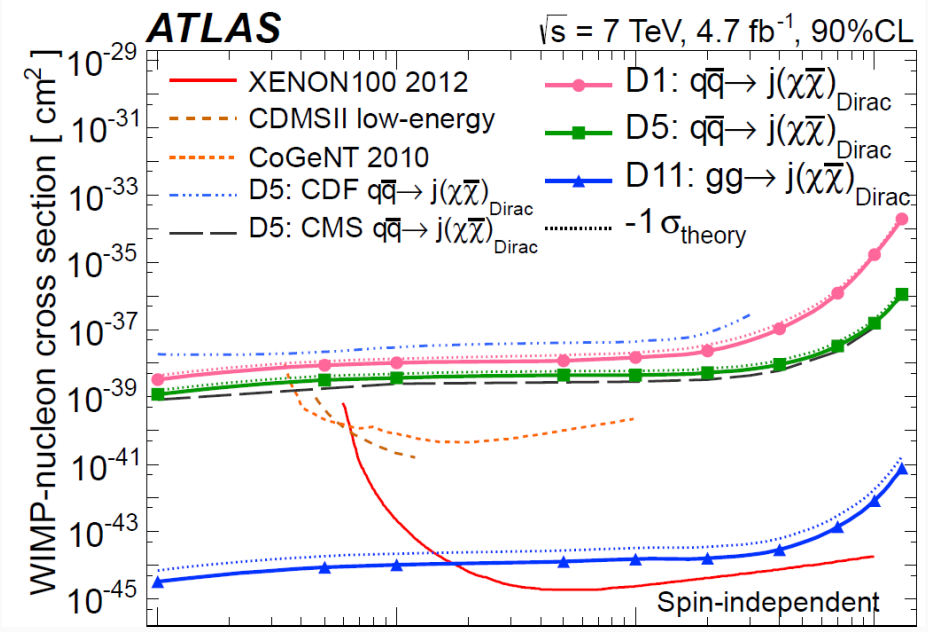


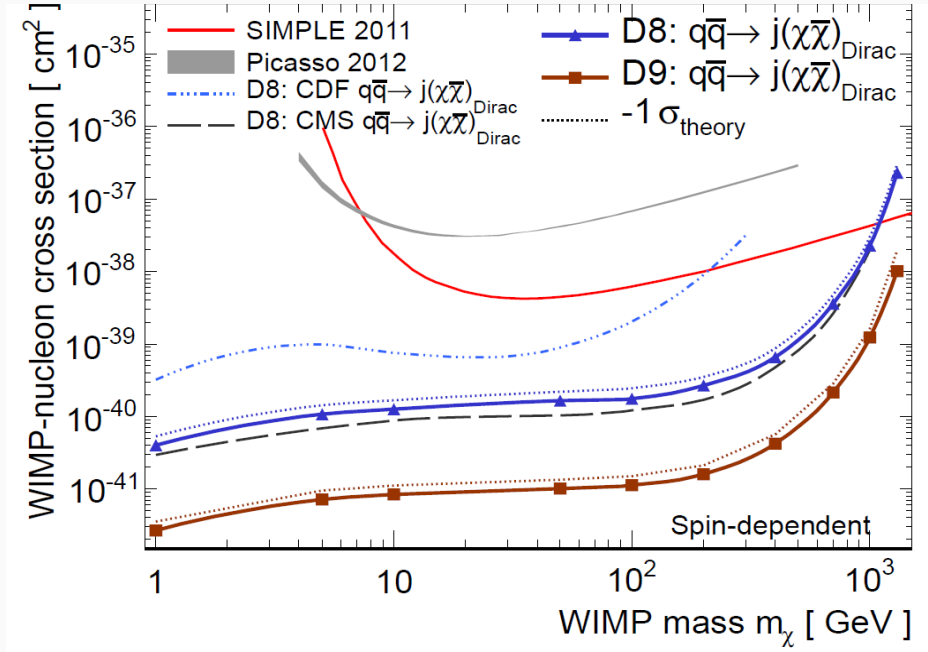


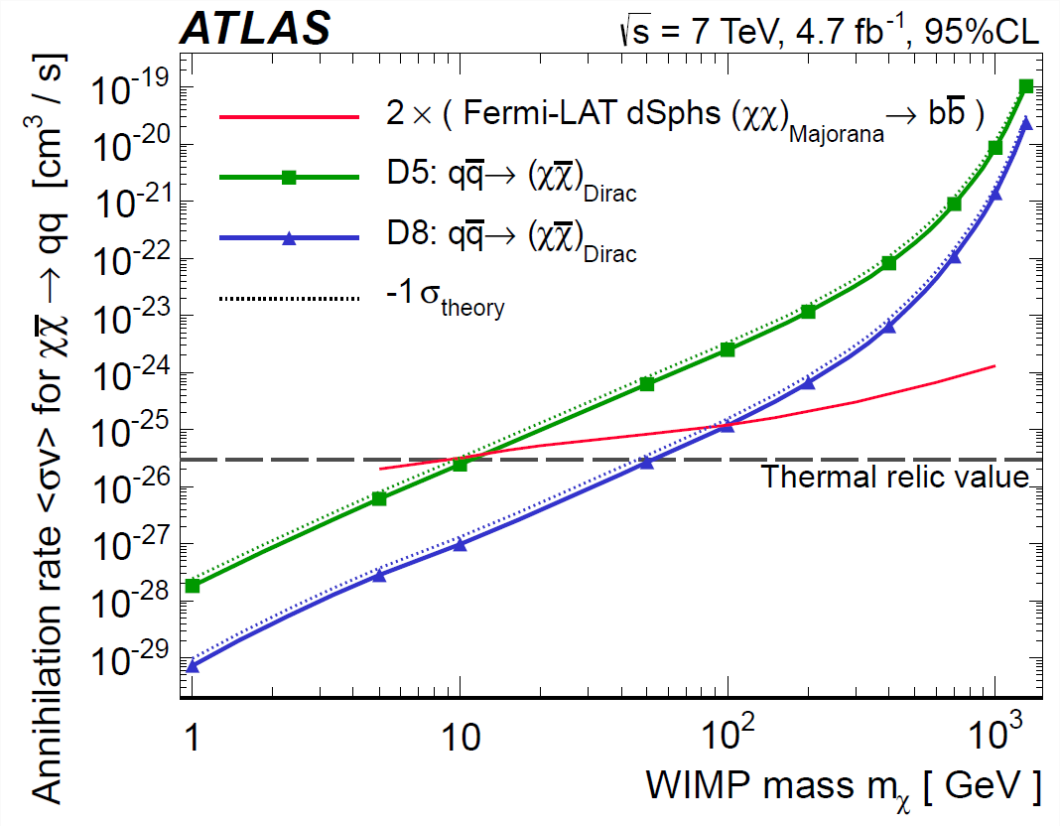


ATLAS-CONF-2012-147

Comparison to Limits from DD and ID

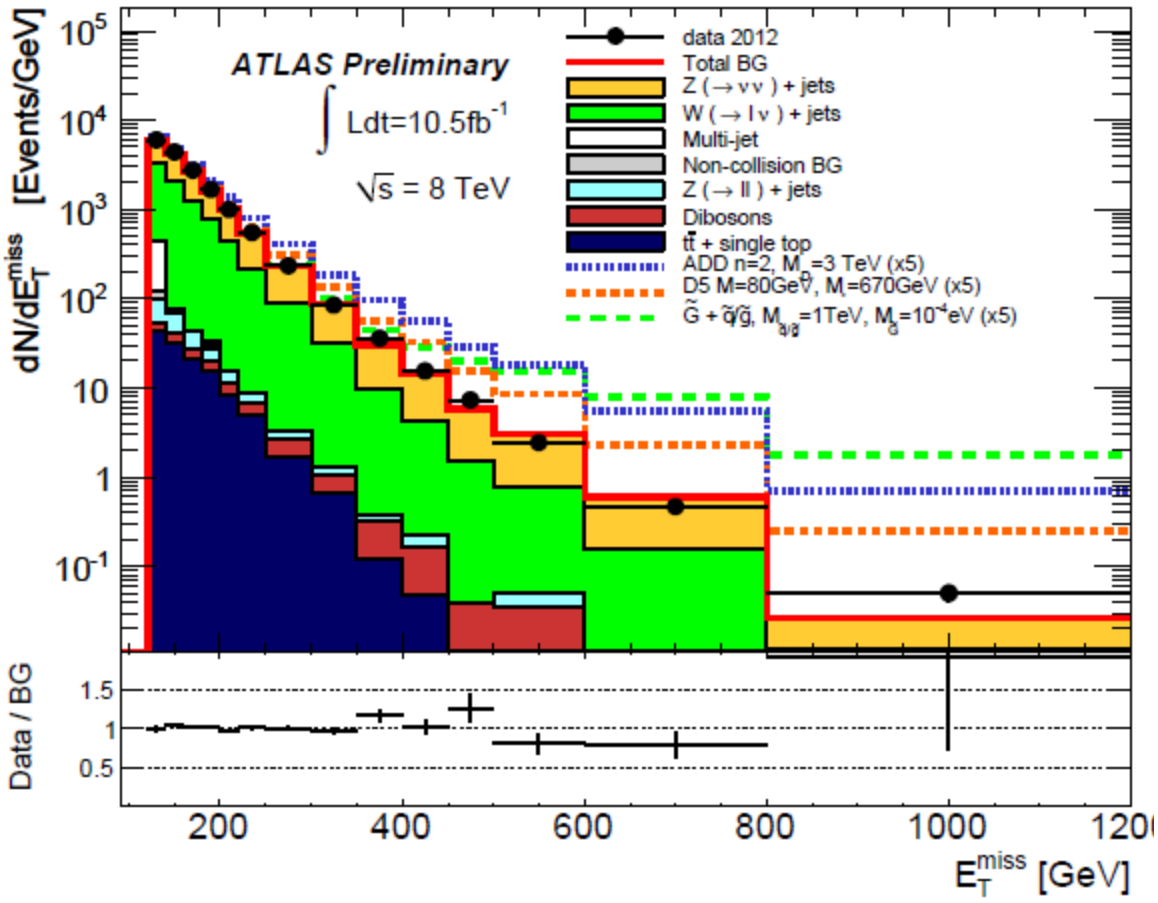


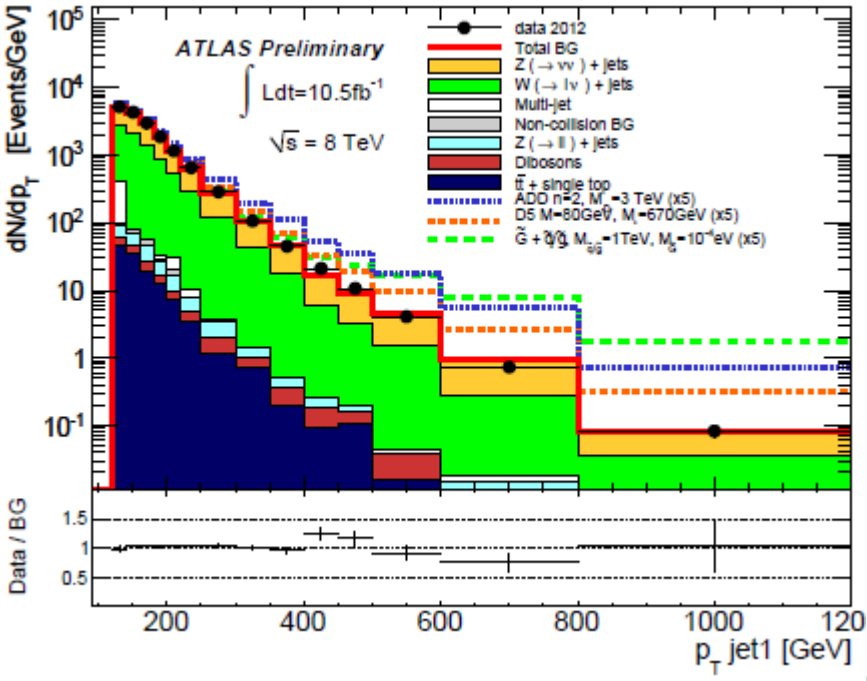




CERN-PH-EP-2012-210

BACKUP


ATLAS Preliminary
∫ Ldt=10.5fb⁻¹
√s = 8 TeV
data 2012
Total BG
Z (→ νν) + jets
W (→ lν) + jets
Multi-jet
Non-collision BG
Z (→ ll) + jets
Dibosons
tt̄ + single top
ADD n=2, M_D=3 TeV (x5)
D5 M=80GeV, M_I=670GeV (x5)
G̃ + q/g, M_q/g=1TeV, M_G=10⁻⁴eV (x5)
dN/dE_T^miss [Events/GeV]
Data / BG
E_T^miss [GeV]


ATLAS Preliminary
∫ Ldt=10.5fb⁻¹
√s = 8 TeV
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Total BG
Z (→ νν) + jets
W (→ lν) + jets
Multi-jet
Non-collision BG
Z (→ ll) + jets
Dibosons
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G̃ + q/g, M_q/g=1TeV, M_G=10⁻⁴eV (x5)
dN/dp_T [Events/GeV]
Data / BG
p_T jet1 [GeV]