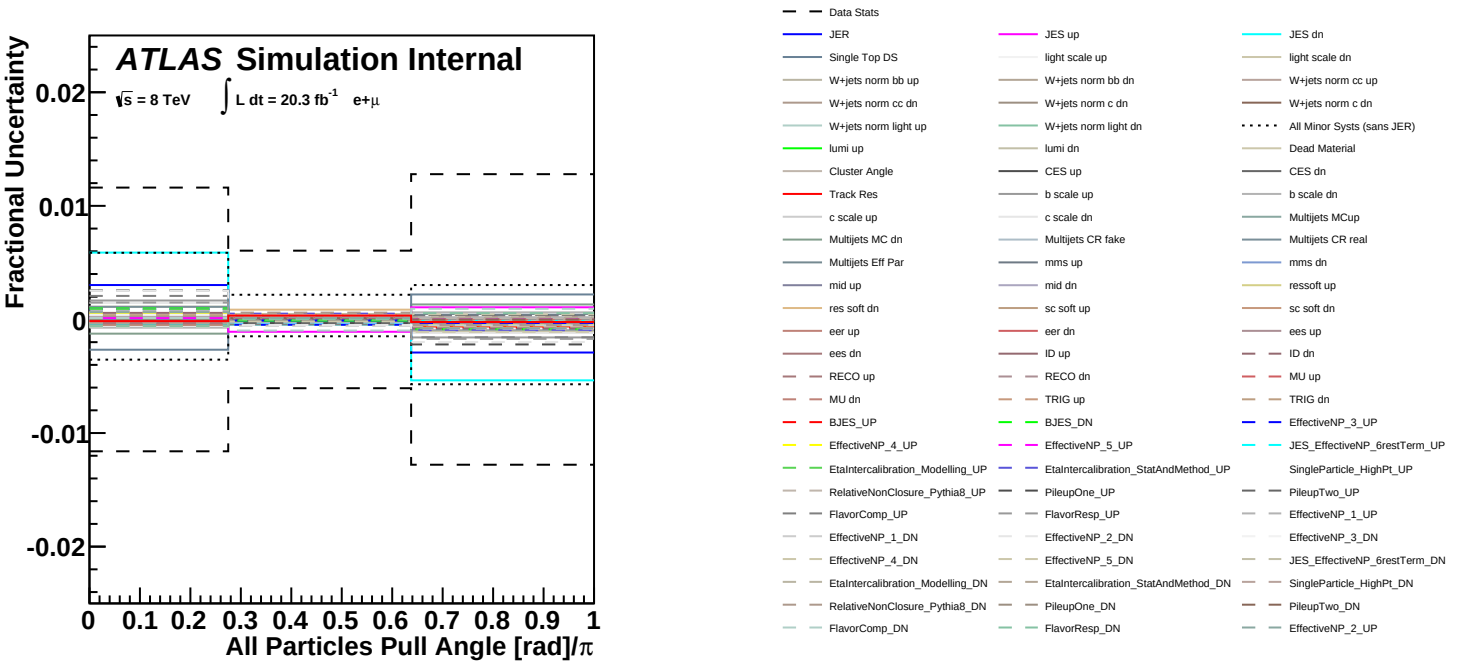
ATLAS Simulation Internal
√s = 8 TeV
∫ L dt = 20.3 fb⁻¹ e+μ
Fractional Uncertainty
0.02
0.01
0
-0.01
-0.02
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
All Particles Pull Angle [rad]/π
Data Stats
JER
JES up
JES dn
Single Top DS
light scale up
light scale dn
W+jets norm bb up
W+jets norm bb dn
W+jets norm cc up
W+jets norm cc dn
W+jets norm c dn
W+jets norm c dn
W+jets norm light up
W+jets norm light dn
All Minor Systs (sans JER)
lumi up
lumi dn
Dead Material
Cluster Angle
CES up
CES dn
Track Res
b scale up
b scale dn
c scale up
c scale dn
Multijets MCup
Multijets MC dn
Multijets CR fake
Multijets CR real
Multijets Eff Par
mms up
mms dn
mid up
mid dn
ressoft up
res soft dn
sc soft up
sc soft dn
eer up
eer dn
ees up
ees dn
ID up
ID dn
RECO up
RECO dn
MU up
MU dn
TRIG up
TRIG dn
BJES_UP
BJES_DN
EffectiveNP_3_UP
EffectiveNP_4_UP
EffectiveNP_5_UP
JES_EffectiveNP_6restTerm_UP
EtaIntercalibration_Modelling_UP
EtaIntercalibration_StatAndMethod_UP
SingleParticle_HighPt_UP
RelativeNonClosure_Pythia8_UP
PileupOne_UP
PileupTwo_UP
FlavorComp_UP
FlavorResp_UP
EffectiveNP_1_UP
EffectiveNP_1_DN
EffectiveNP_2_DN
EffectiveNP_3_DN
EffectiveNP_4_DN
EffectiveNP_5_DN
JES_EffectiveNP_6restTerm_DN
EtaIntercalibration_Modelling_DN
EtaIntercalibration_StatAndMethod_DN
SingleParticle_HighPt_DN
RelativeNonClosure_Pythia8_DN
PileupOne_DN
PileupTwo_DN
FlavorComp_DN
FlavorResp_DN
EffectiveNP_2_UP