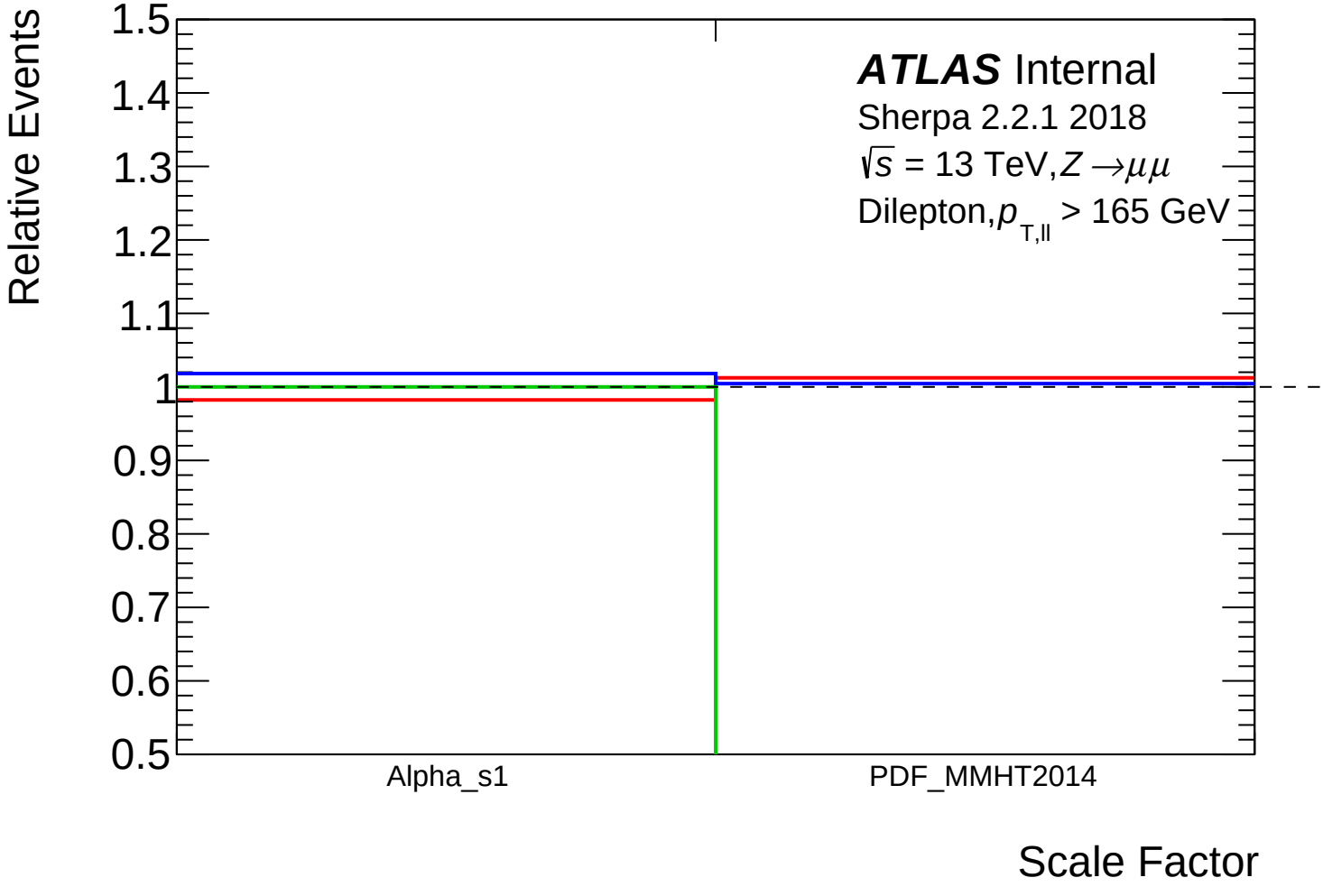
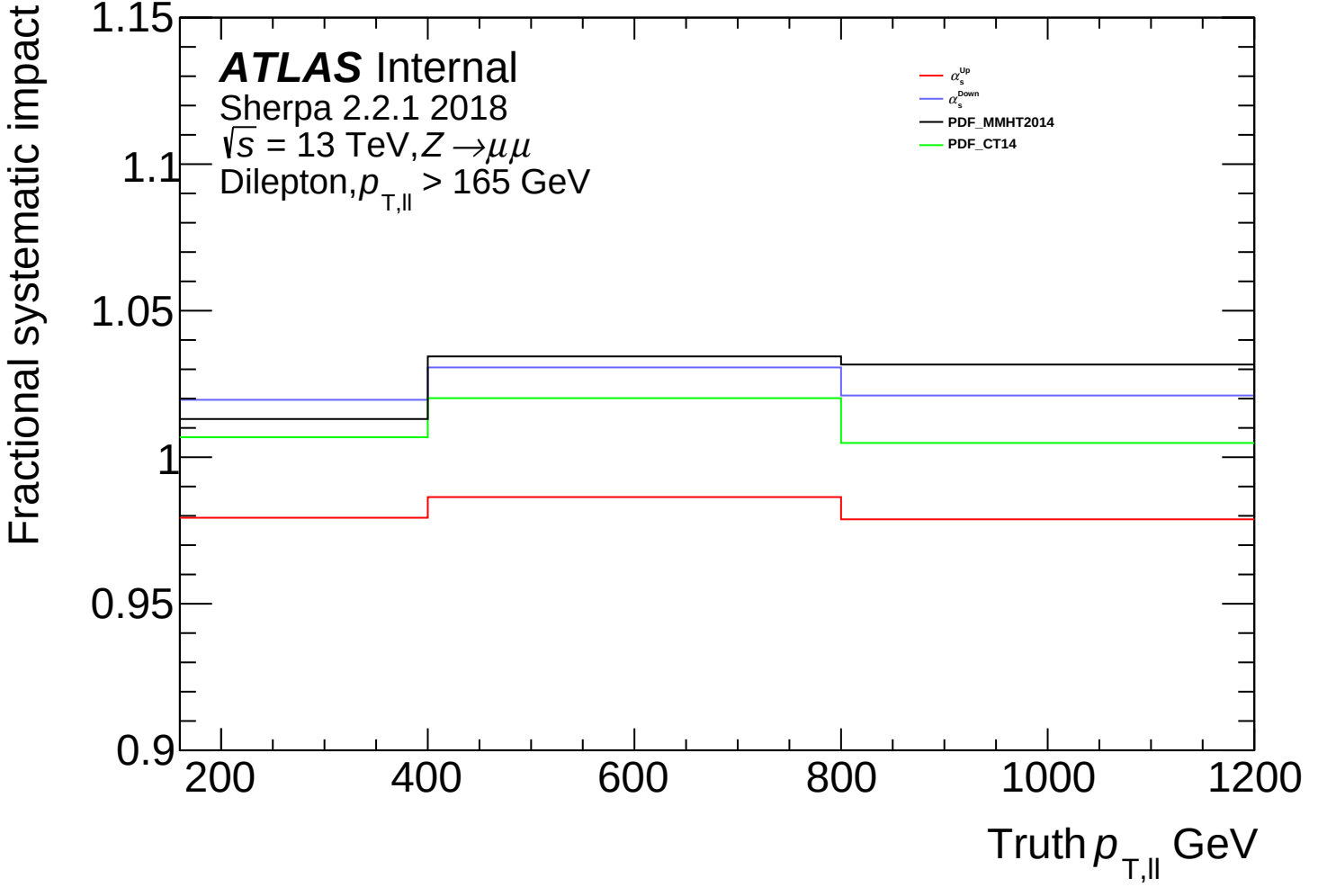
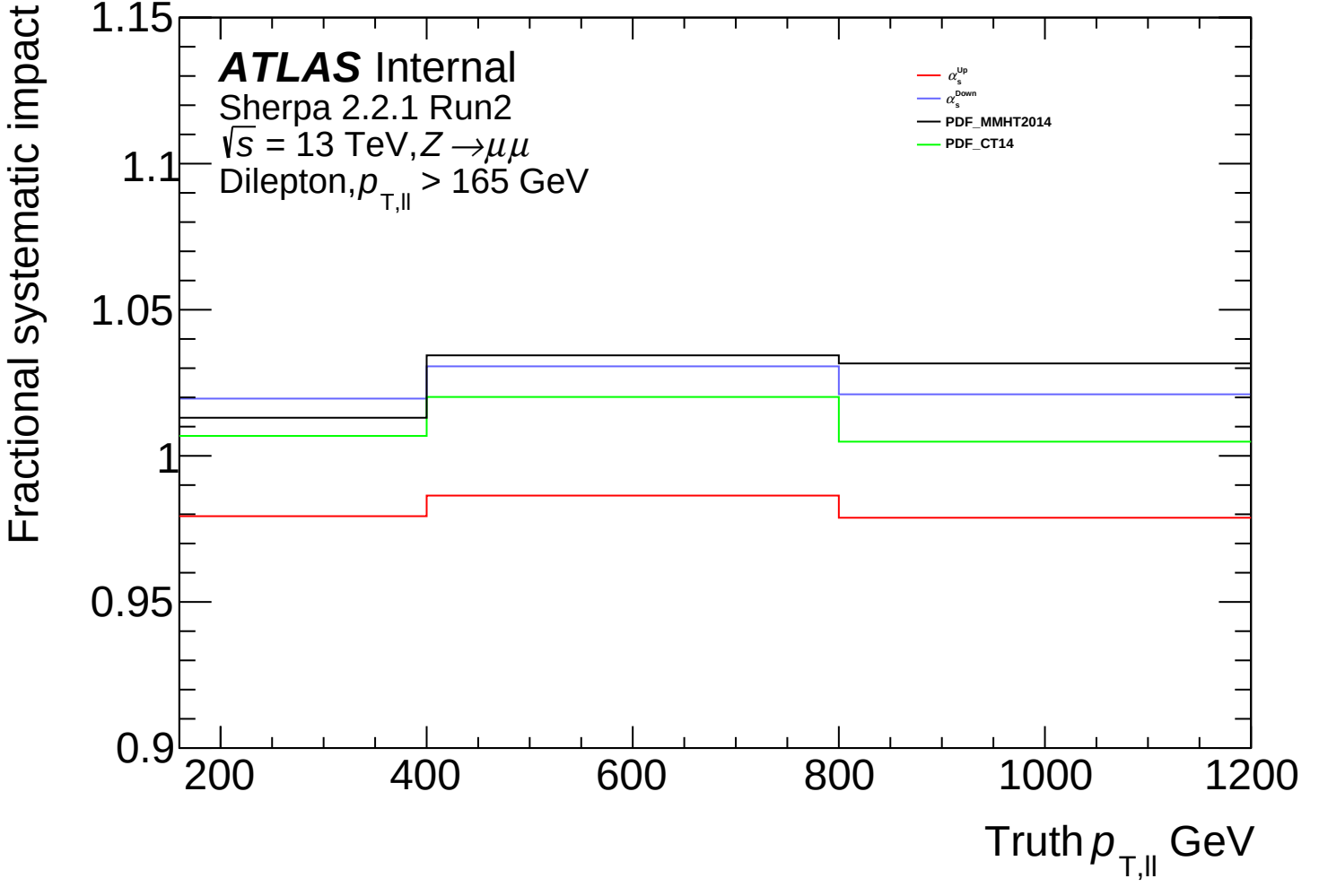

Relative Events
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
ATLAS Internal
Sherpa 2.2.1 2018
√s = 13 TeV, Z → μμ
Dilepton, p_T,ll > 165 GeV
Alpha_s1
PDF_MMHT2014
Scale Factor


ATLAS Internal
Sherpa 2.2.1 2018
√s = 13 TeV, Z → μμ
Dilepton, p_T,ll > 165 GeV
α_s^Up
α_s^Down
PDF_MMHT2014
PDF_CT14
Fractional systematic impact
1.15
1.1
1.05
1
0.95
0.9
200
400
600
800
1000
1200
Truth p_T,ll GeV


ATLAS Internal
Sherpa 2.2.1 Run2
√s = 13 TeV, Z → μμ
Dilepton, p_T,ll > 165 GeV
α_s^Up
α_s^Down
PDF_MMHT2014
PDF_CT14
Fractional systematic impact
1.15
1.1
1.05
1
0.95
0.9
200
400
600
800
1000
1200
Truth p_T,ll GeV