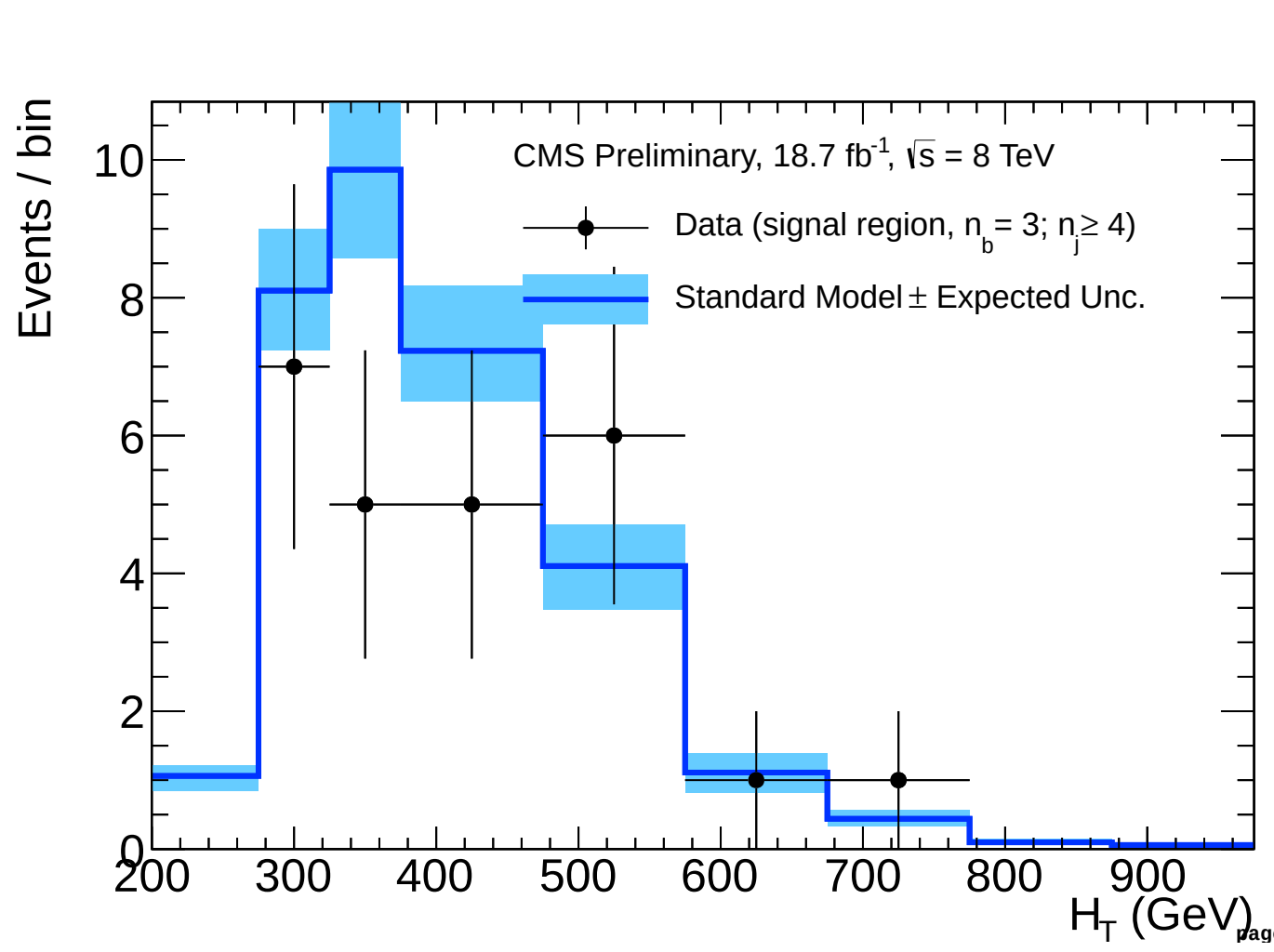
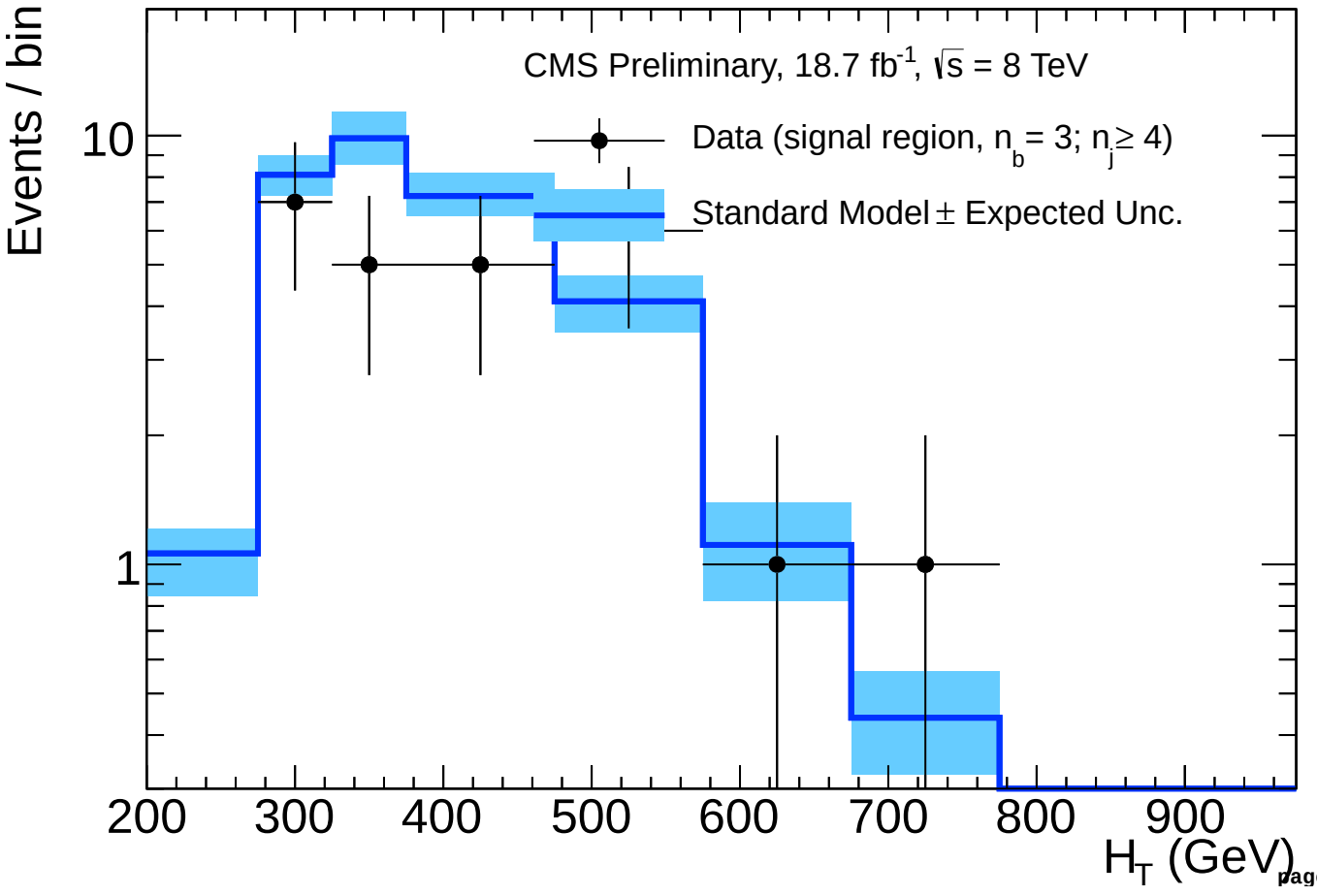
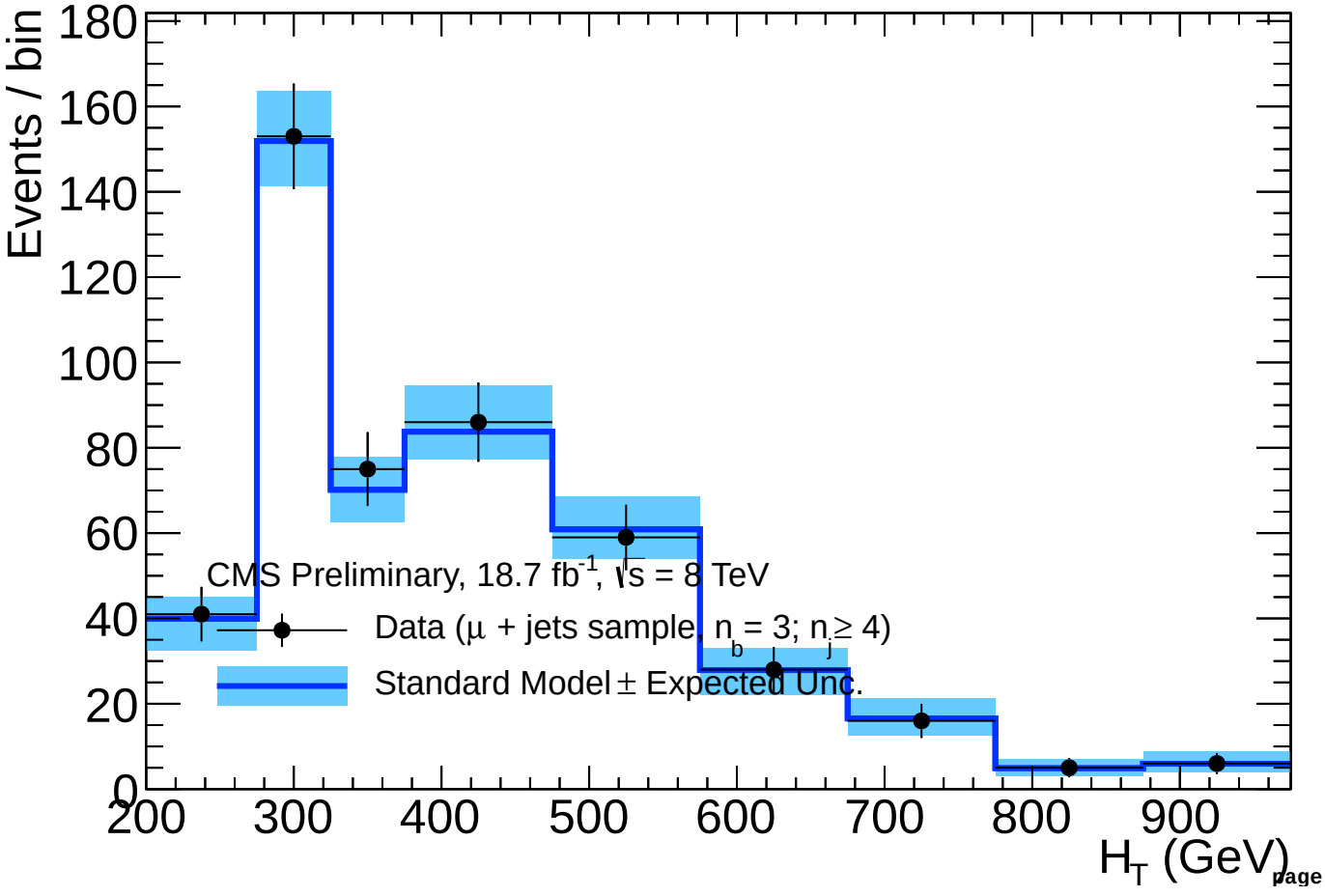
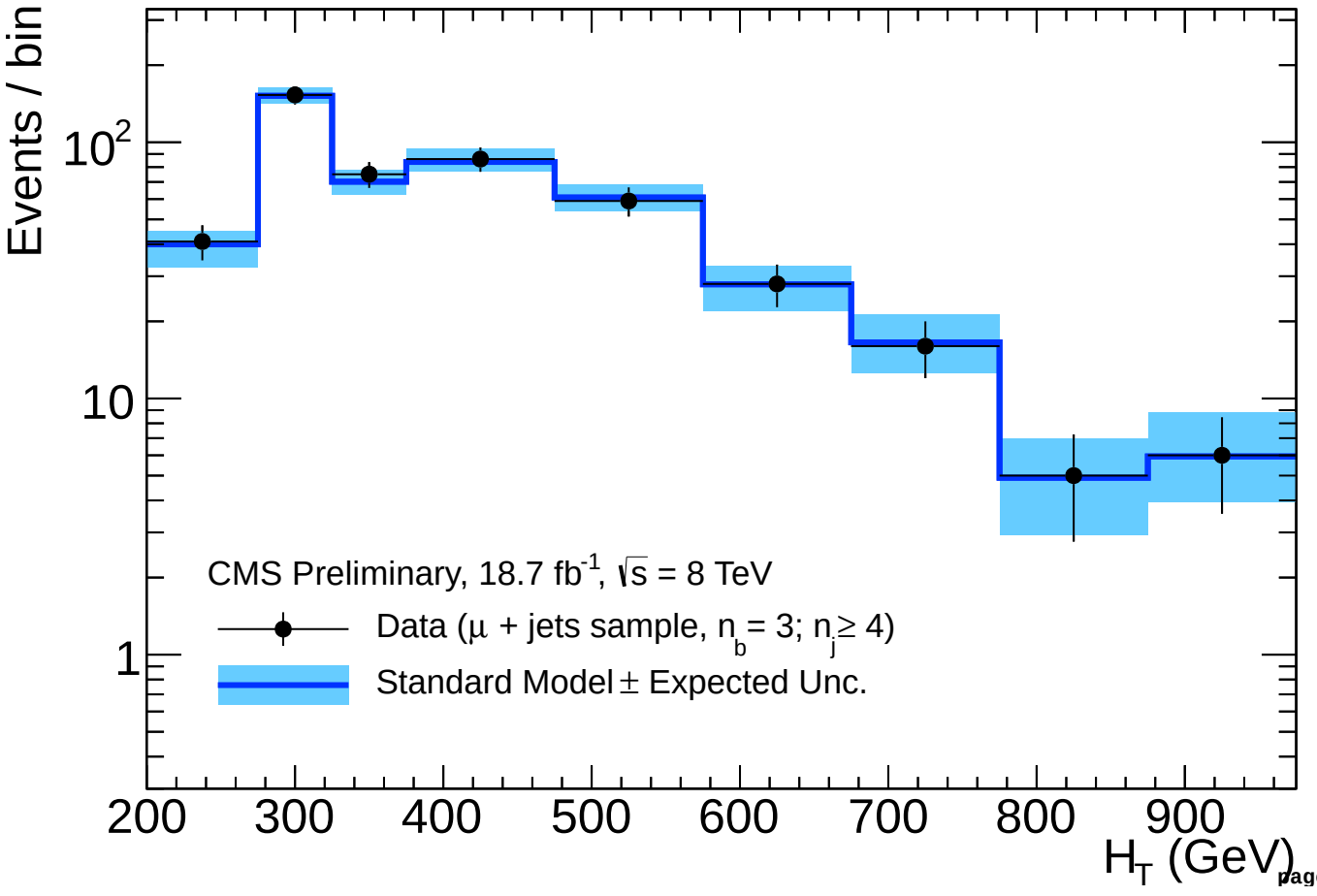
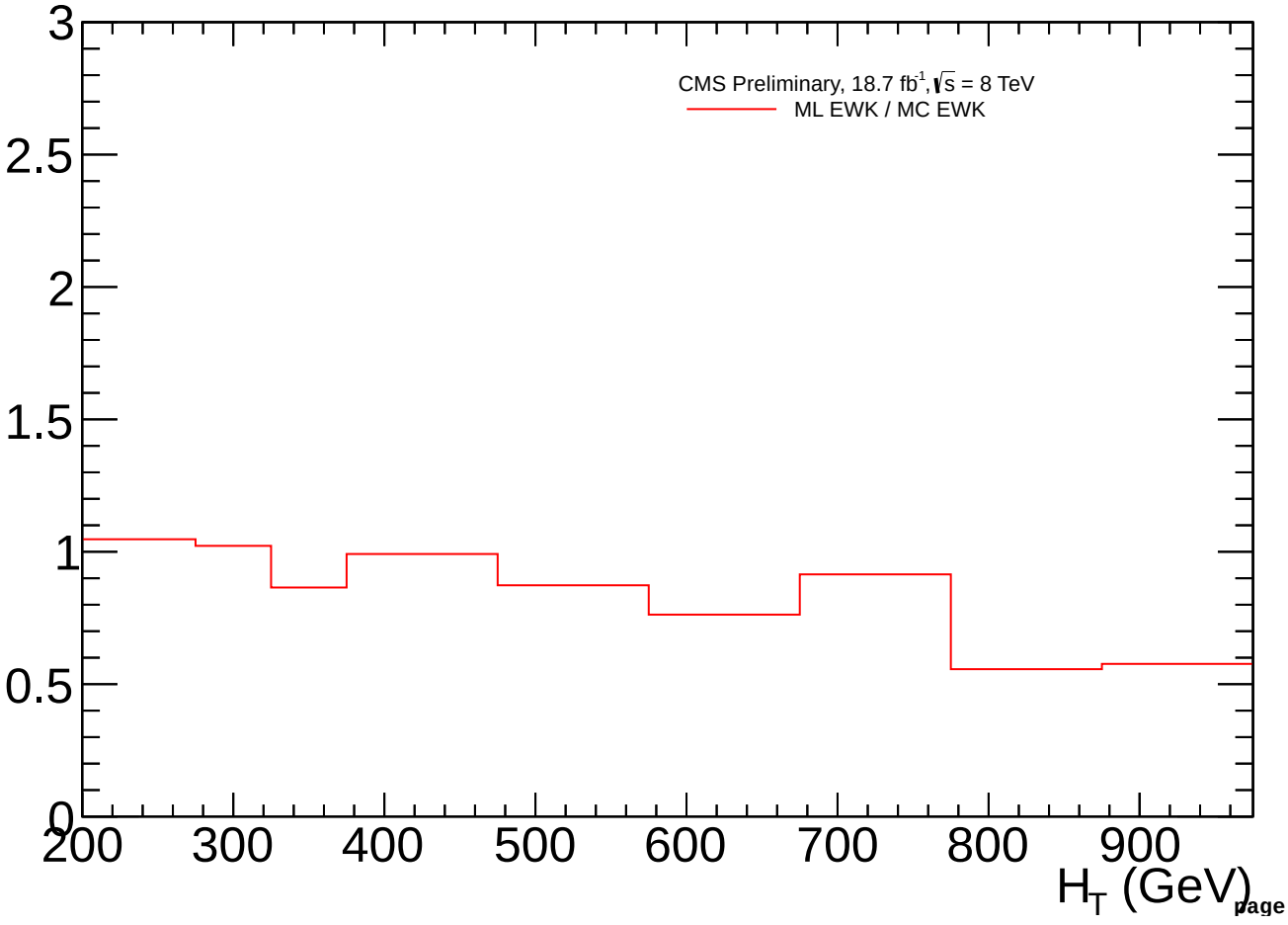

CMS Preliminary, 18.7 fb-1, √s = 8 TeV
Data (signal region, nb = 3; nj ≥ 4)
Standard Model ± Expected Unc.
Events / bin
0
2
4
6
8
10
200
300
400
500
600
700
800
900
HT (GeV)

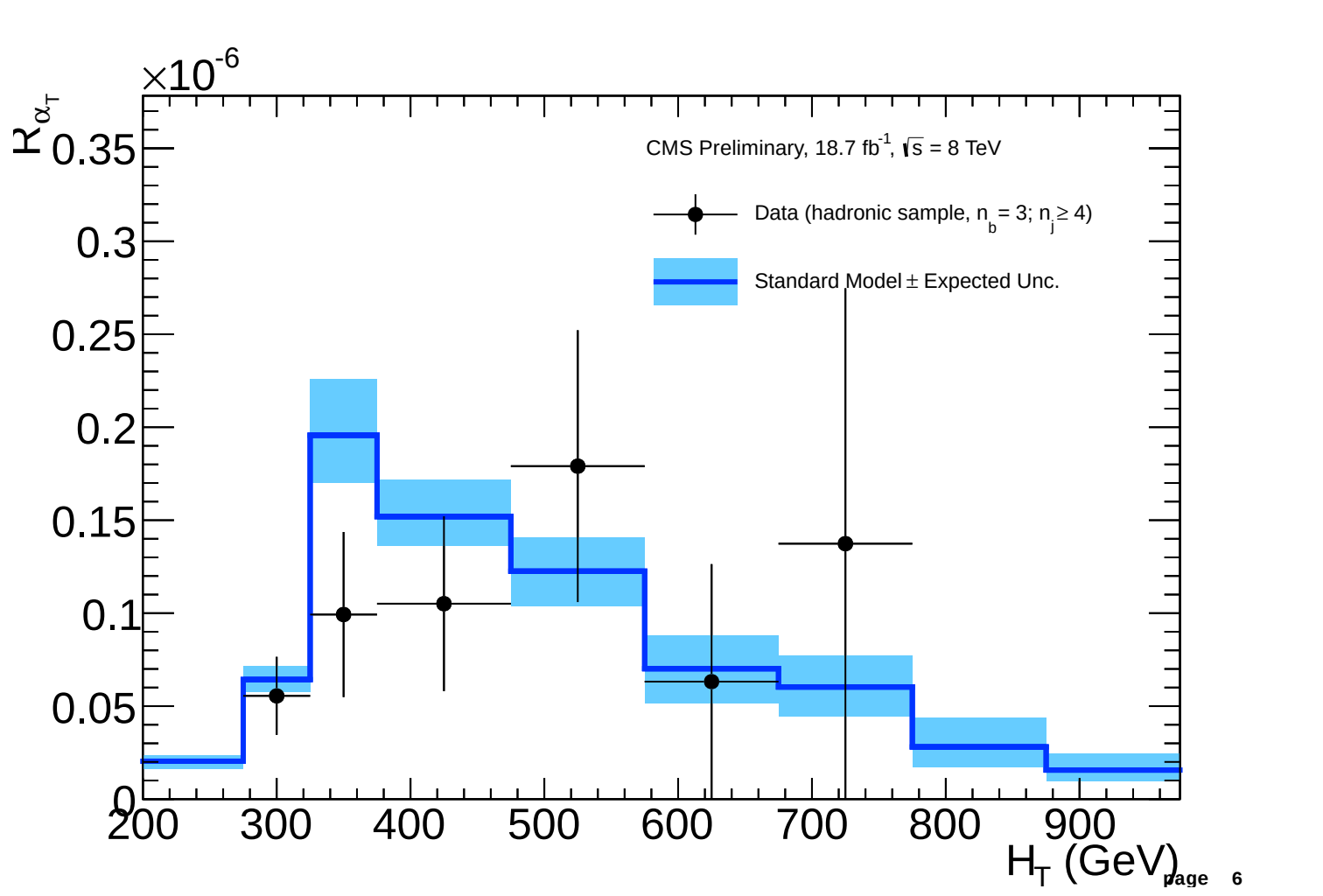

CMS Preliminary, 18.7 fb-1, √s = 8 TeV
Data (signal region, nb = 3; nj ≥ 4)
Standard Model ± Expected Unc.
Events / bin
10
1
200
300
400
500
600
700
800
900
HT (GeV)

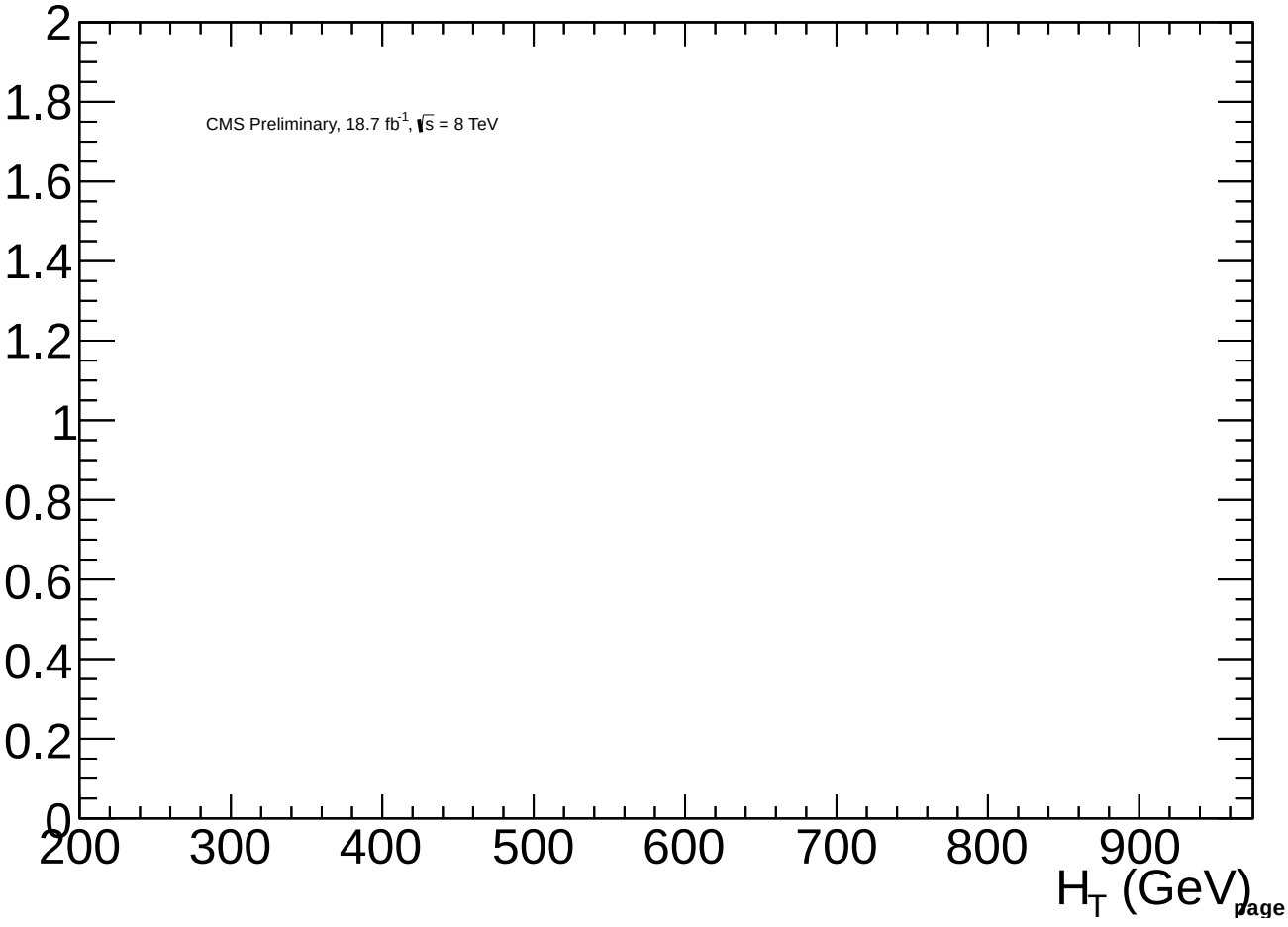

Events / bin
180
160
140
120
100
80
60
40
20
0
200
300
400
500
600
700
800
900
H_T (GeV)
CMS Preliminary, 18.7 fb^{-1}, $\sqrt{s}$ = 8 TeV
Data (μ + jets sample, n_b = 3; $n_j \geq$ 4)
Standard Model ± Expected Unc.

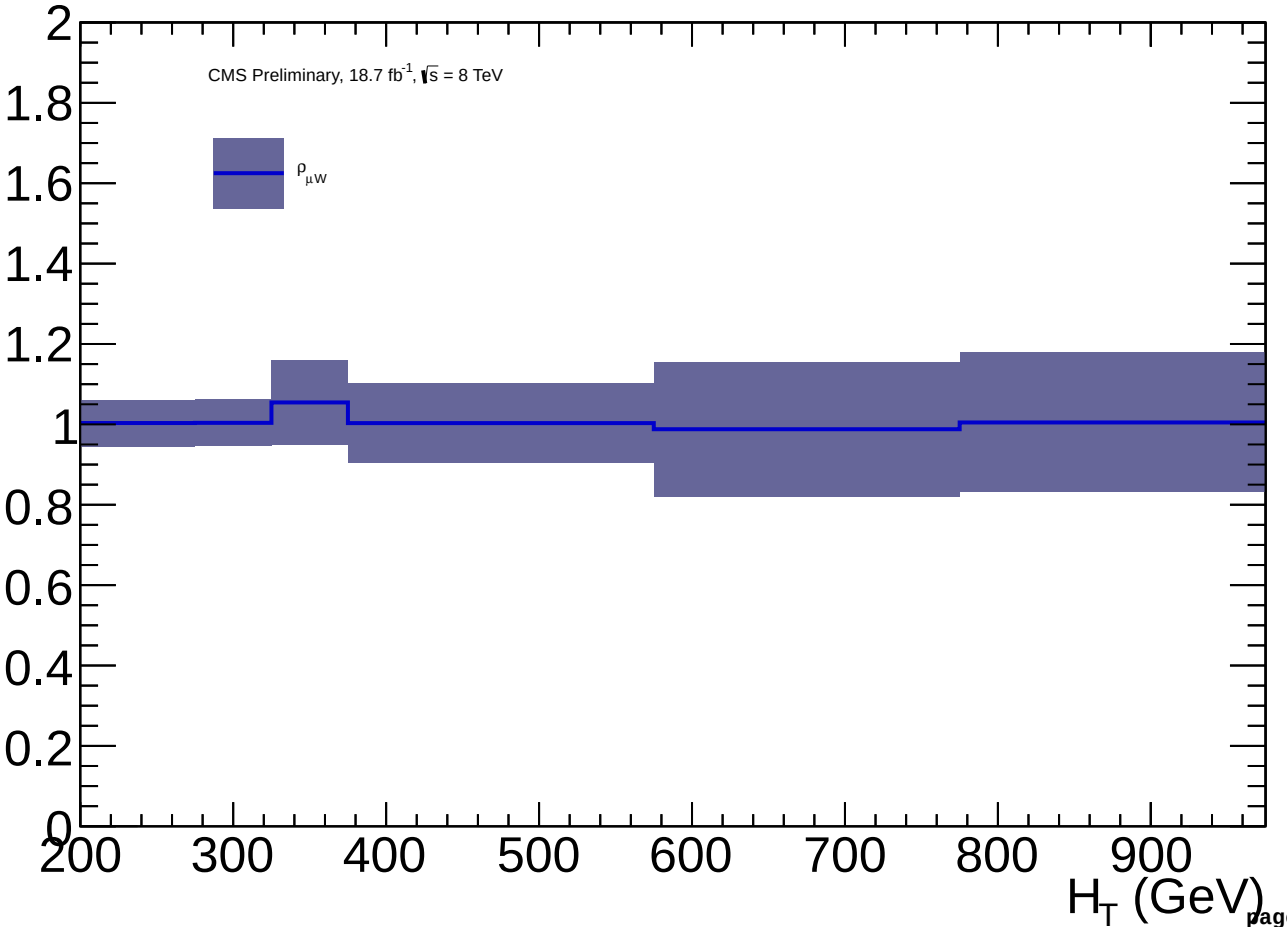

Events / bin
10^2
10
1
CMS Preliminary, 18.7 fb^{-1}, $\sqrt{s}$ = 8 TeV
Data (μ + jets sample, n_b = 3; $n_j \geq$ 4)
Standard Model ± Expected Unc.
200
300
400
500
600
700
800
900
H_T (GeV)

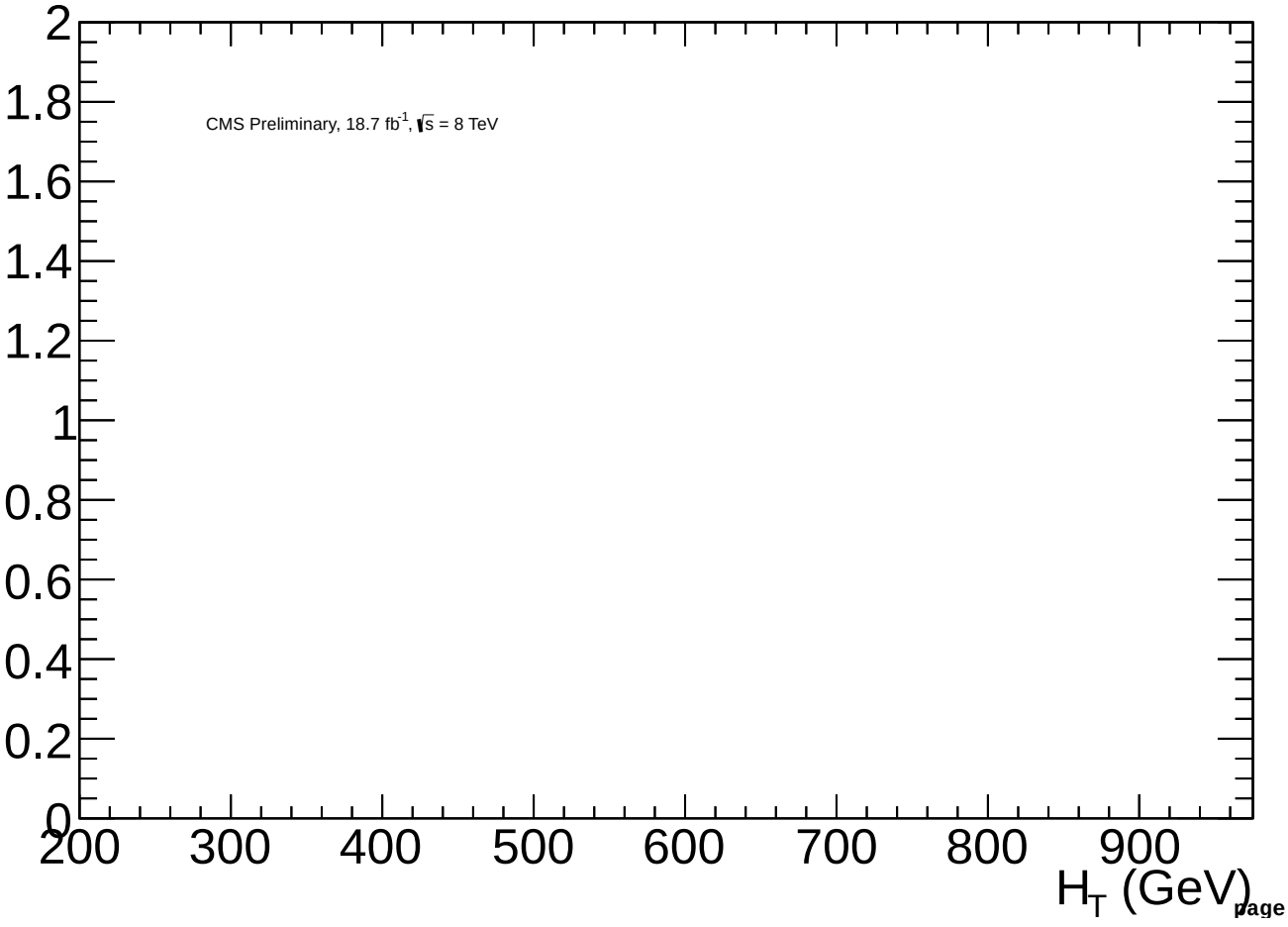
ewk scale factor (result of fit)

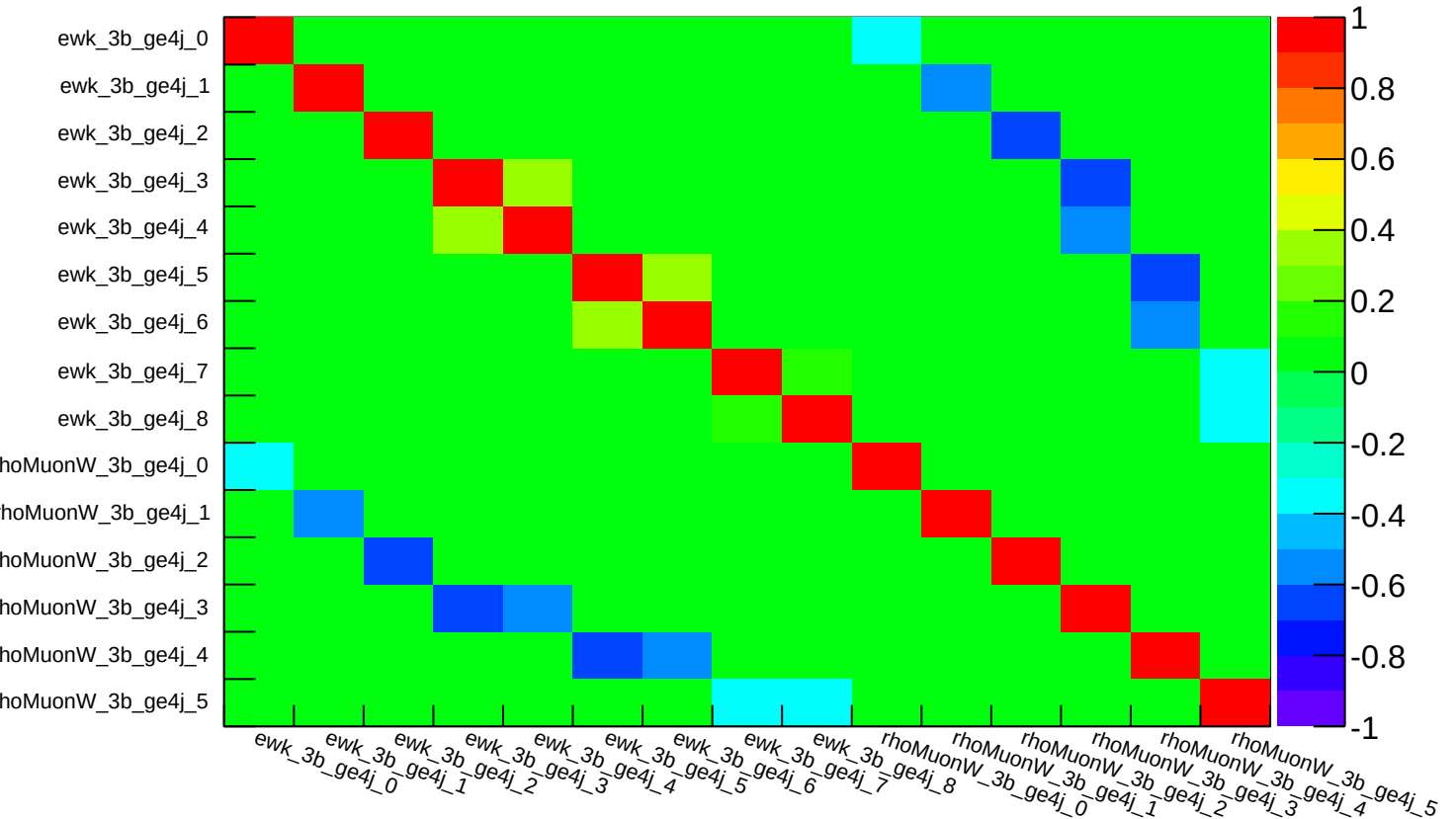



×10-6
Rαt
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
200
300
400
500
600
700
800
900
HT (GeV)
CMS Preliminary, 18.7 fb-1, √s = 8 TeV
Data (hadronic sample, nb = 3; nj ≥ 4)
Standard Model ± Expected Unc.


CMS Preliminary, 18.7 fb-1, √s = 8 TeV
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
200
300
400
500
600
700
800
900
HT (GeV)


CMS Preliminary, 18.7 fb-1, √s = 8 TeV
ρμw
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
200
300
400
500
600
700
800
900
HT (GeV)


CMS Preliminary, 18.7 fb-1, √s = 8 TeV
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
200
300
400
500
600
700
800
900
HT (GeV)

```
          par name:   value   +/-  error   [  min   -   max  ]
-------------------------------------------------------------
      ewk_3b_ge4j_0:  1.06e+00 +/- 1.8e-01  [0.0e+00 - 1.0e+01]
      ewk_3b_ge4j_1:  8.10e+00 +/- 7.8e-01  [0.0e+00 - 7.0e+01]
      ewk_3b_ge4j_2:  9.86e+00 +/- 1.4e+00  [0.0e+00 - 5.0e+01]
      ewk_3b_ge4j_3:  7.23e+00 +/- 1.0e+00  [0.0e+00 - 5.0e+01]
      ewk_3b_ge4j_4:  4.11e+00 +/- 6.4e-01  [0.0e+00 - 6.0e+01]
      ewk_3b_ge4j_5:  1.11e+00 +/- 2.7e-01  [0.0e+00 - 1.0e+01]
      ewk_3b_ge4j_6:  4.39e-01 +/- 1.3e-01  [0.0e+00 - 1.0e+01]
      ewk_3b_ge4j_7:  9.72e-02 +/- 4.6e-02  [0.0e+00 - 1.0e+01]
      ewk_3b_ge4j_8:  5.89e-02 +/- 2.6e-02  [0.0e+00 - 1.0e+01]
 rhoMuonW_3b_ge4j_0:  1.00e+00 +/- 5.8e-02  [0.0e+00 - 3.0e+00]
 rhoMuonW_3b_ge4j_1:  1.00e+00 +/- 5.8e-02  [0.0e+00 - 3.0e+00]
 rhoMuonW_3b_ge4j_2:  1.05e+00 +/- 1.1e-01  [0.0e+00 - 3.0e+00]
 rhoMuonW_3b_ge4j_3:  1.00e+00 +/- 9.9e-02  [0.0e+00 - 3.0e+00]
 rhoMuonW_3b_ge4j_4:  9.88e-01 +/- 1.7e-01  [0.0e+00 - 3.0e+00]
 rhoMuonW_3b_ge4j_5:  1.00e+00 +/- 1.7e-01  [0.0e+00 - 3.0e+00]
```

correlation_matrix