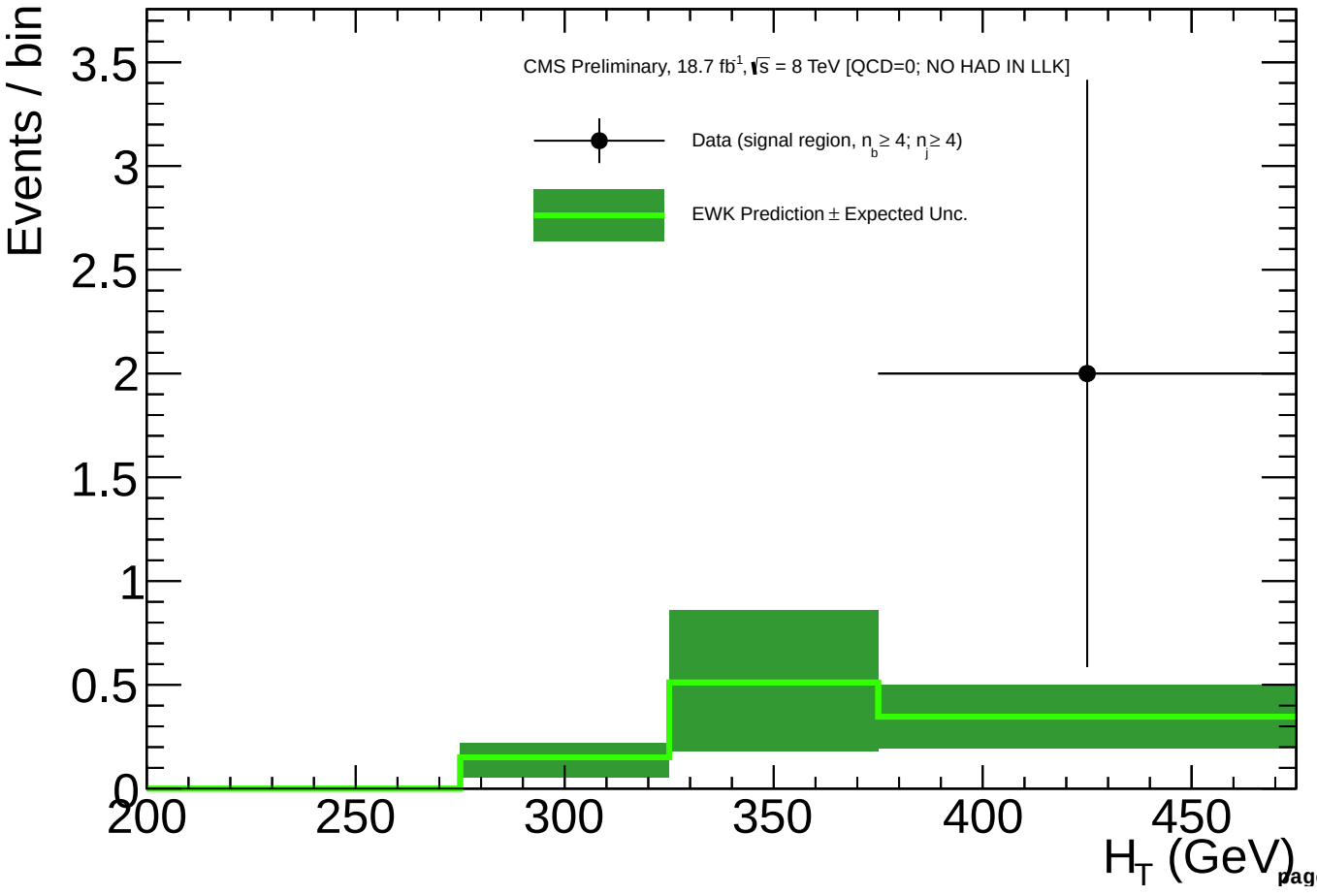
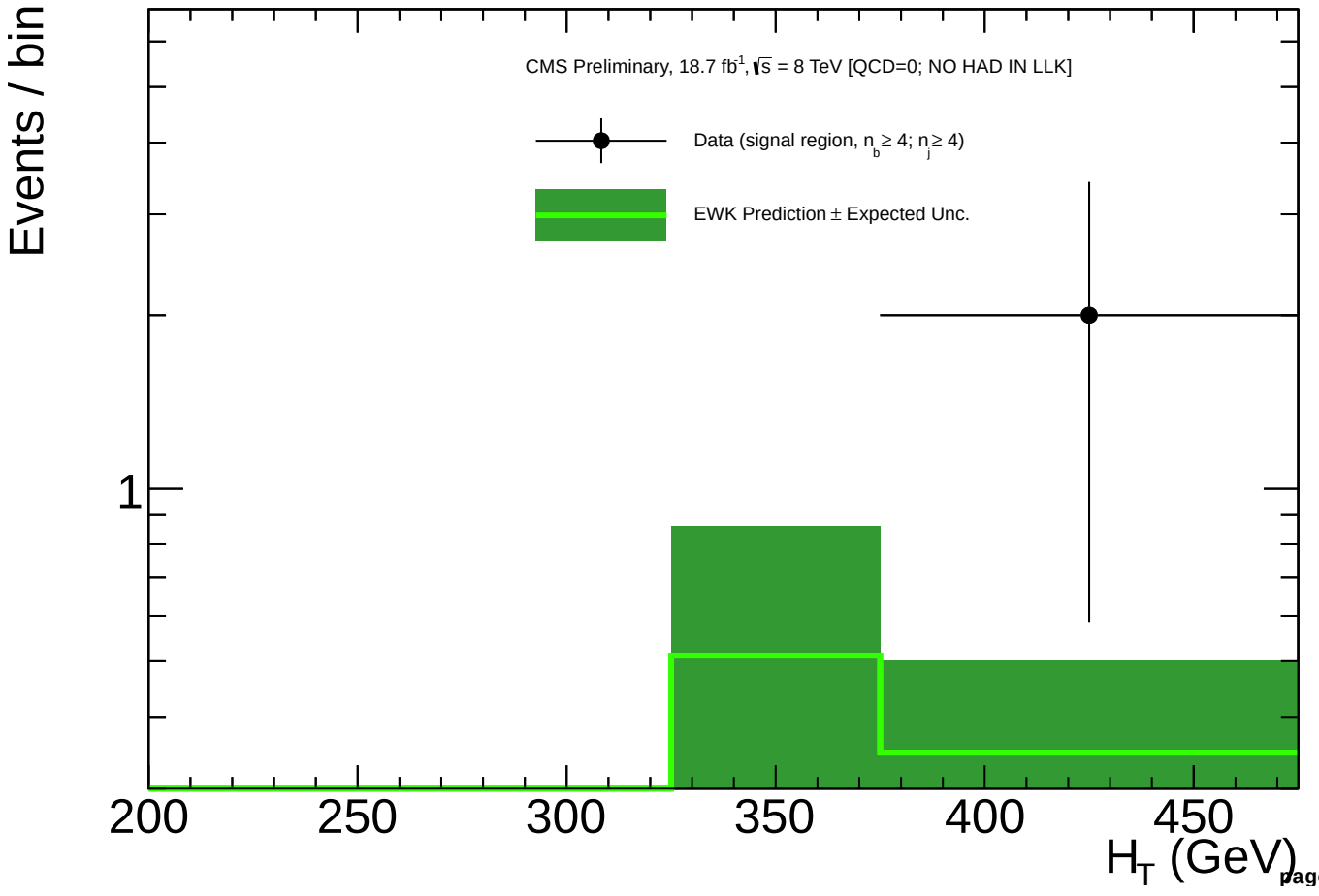
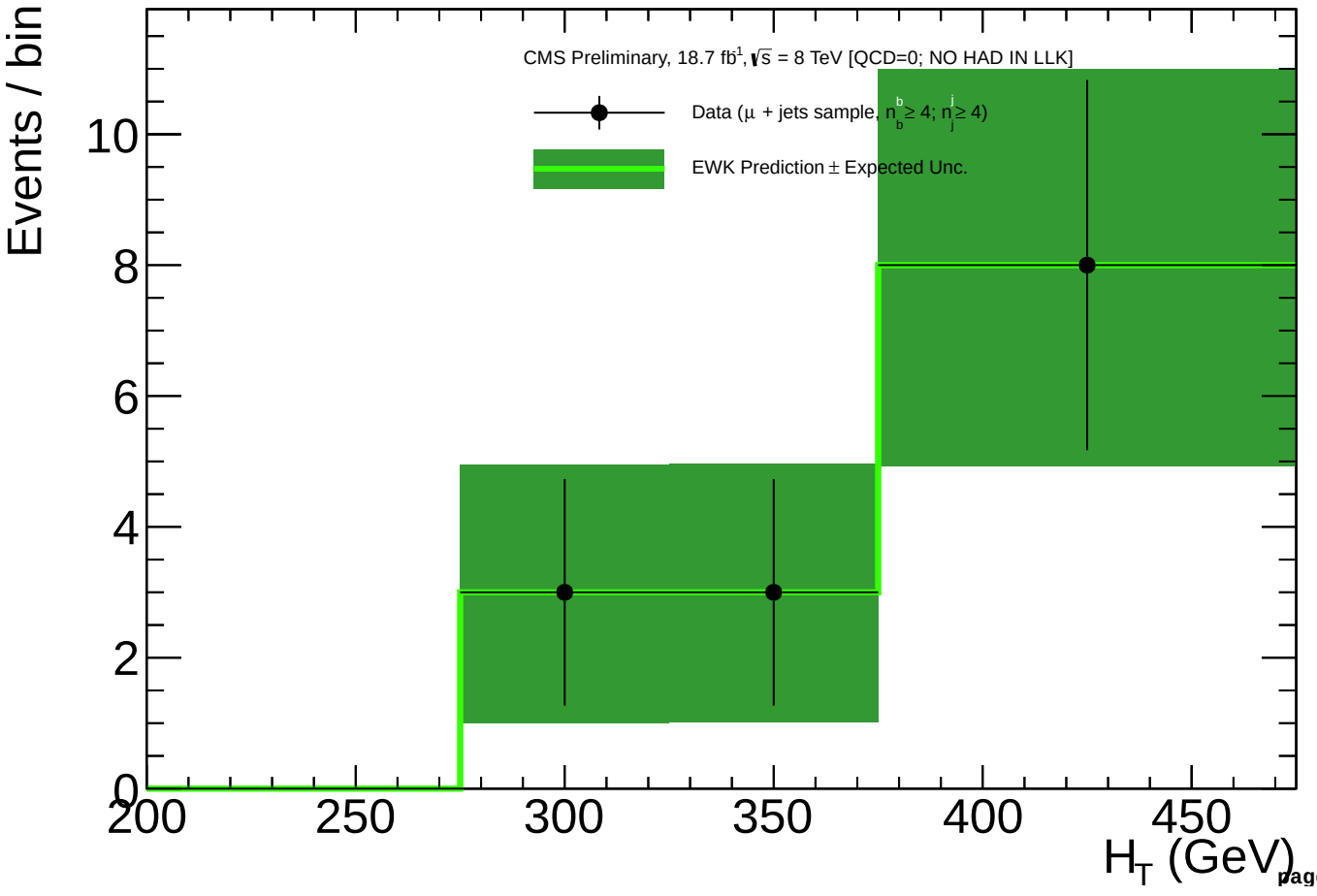
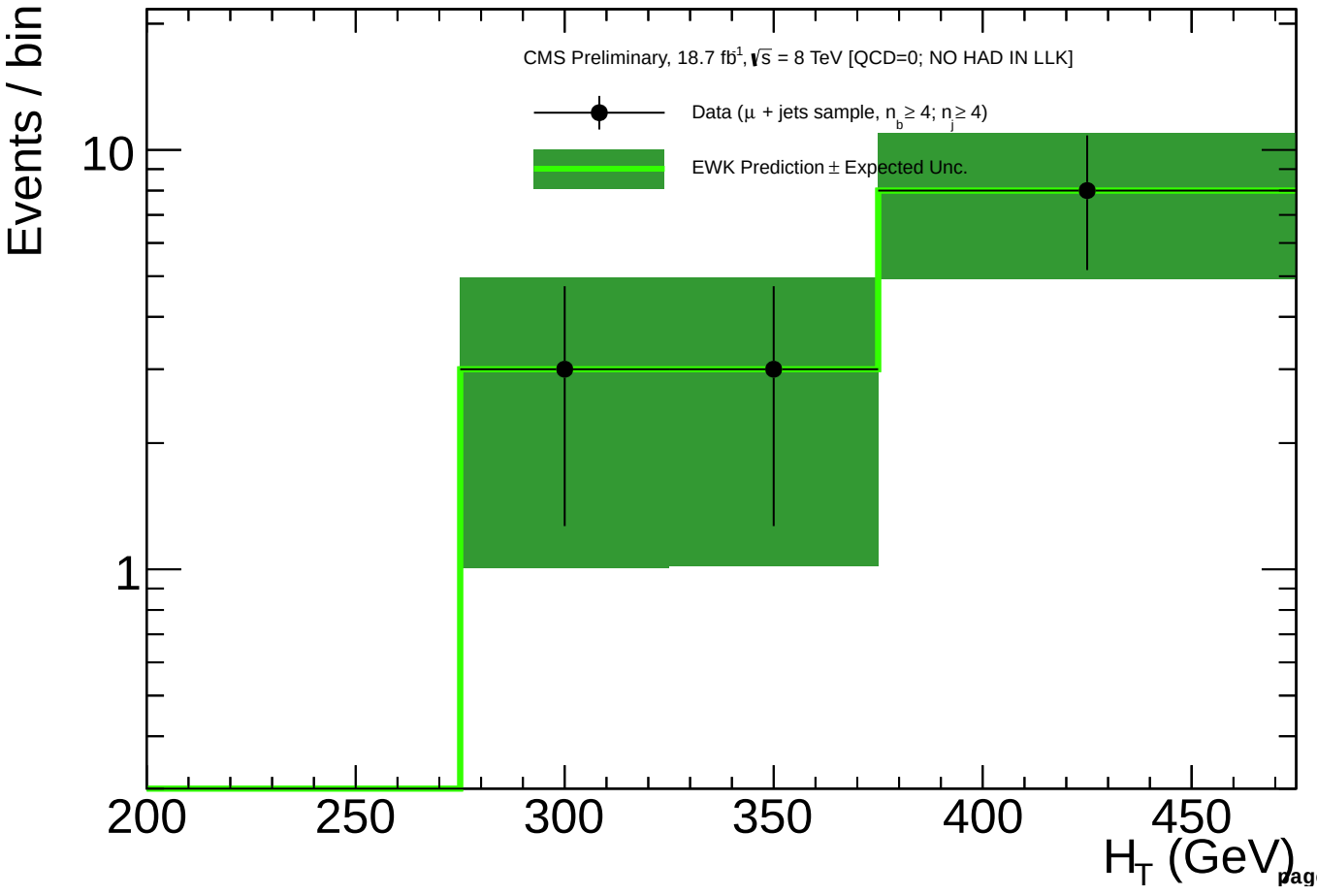
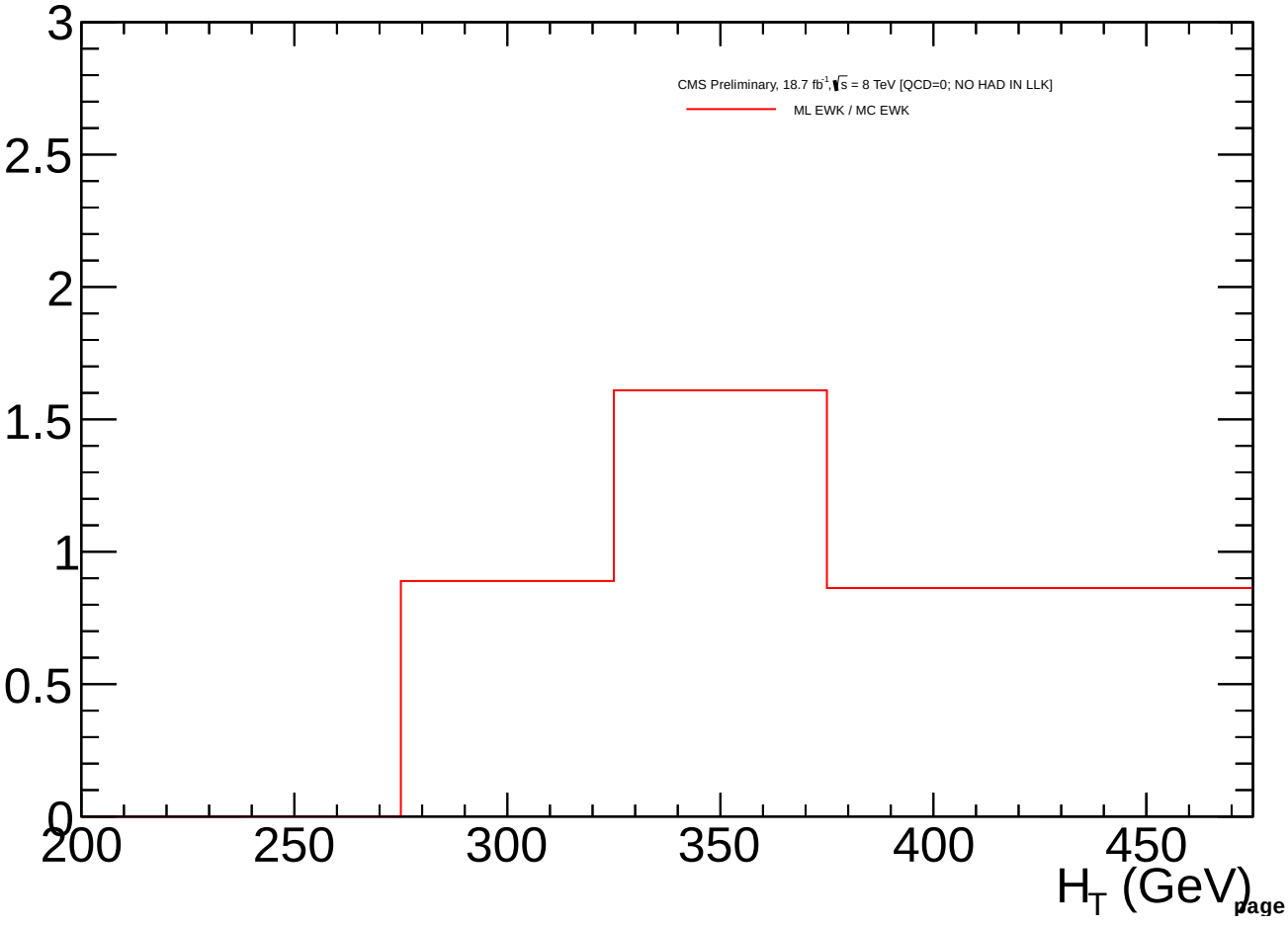

CMS Preliminary, 18.7 fb-1, √s = 8 TeV [QCD=0; NO HAD IN LLK]
Data (signal region, nb ≥ 4; nj ≥ 4)
EWK Prediction ± Expected Unc.
Events / bin
0
0.5
1
1.5
2
2.5
3
3.5
200
250
300
350
400
450
HT (GeV)

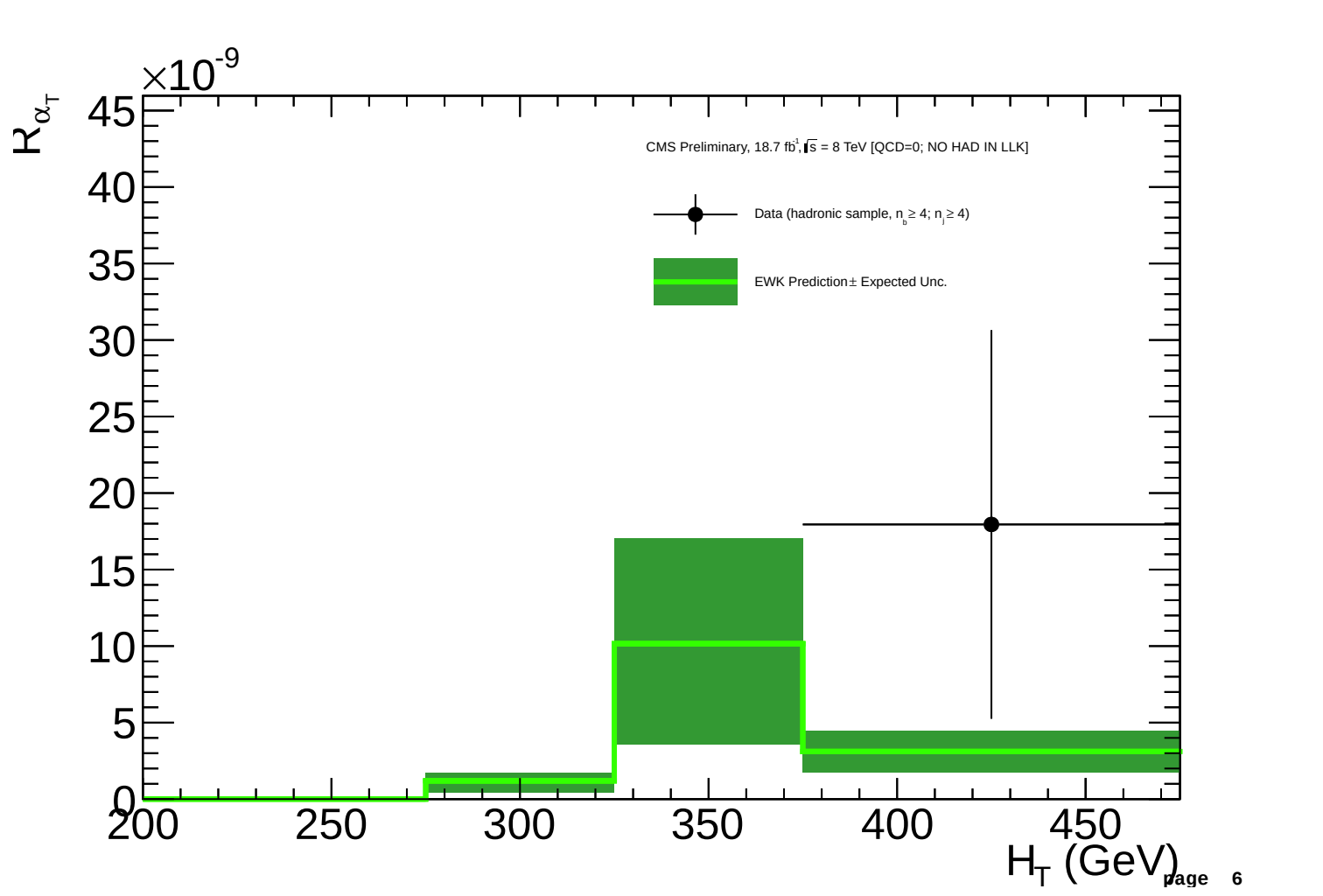

CMS Preliminary, 18.7 fb-1, √s = 8 TeV [QCD=0; NO HAD IN LLK]
Data (signal region, nb ≥ 4; nj ≥ 4)
EWK Prediction ± Expected Unc.
Events / bin
1
200
250
300
350
400
450
HT (GeV)

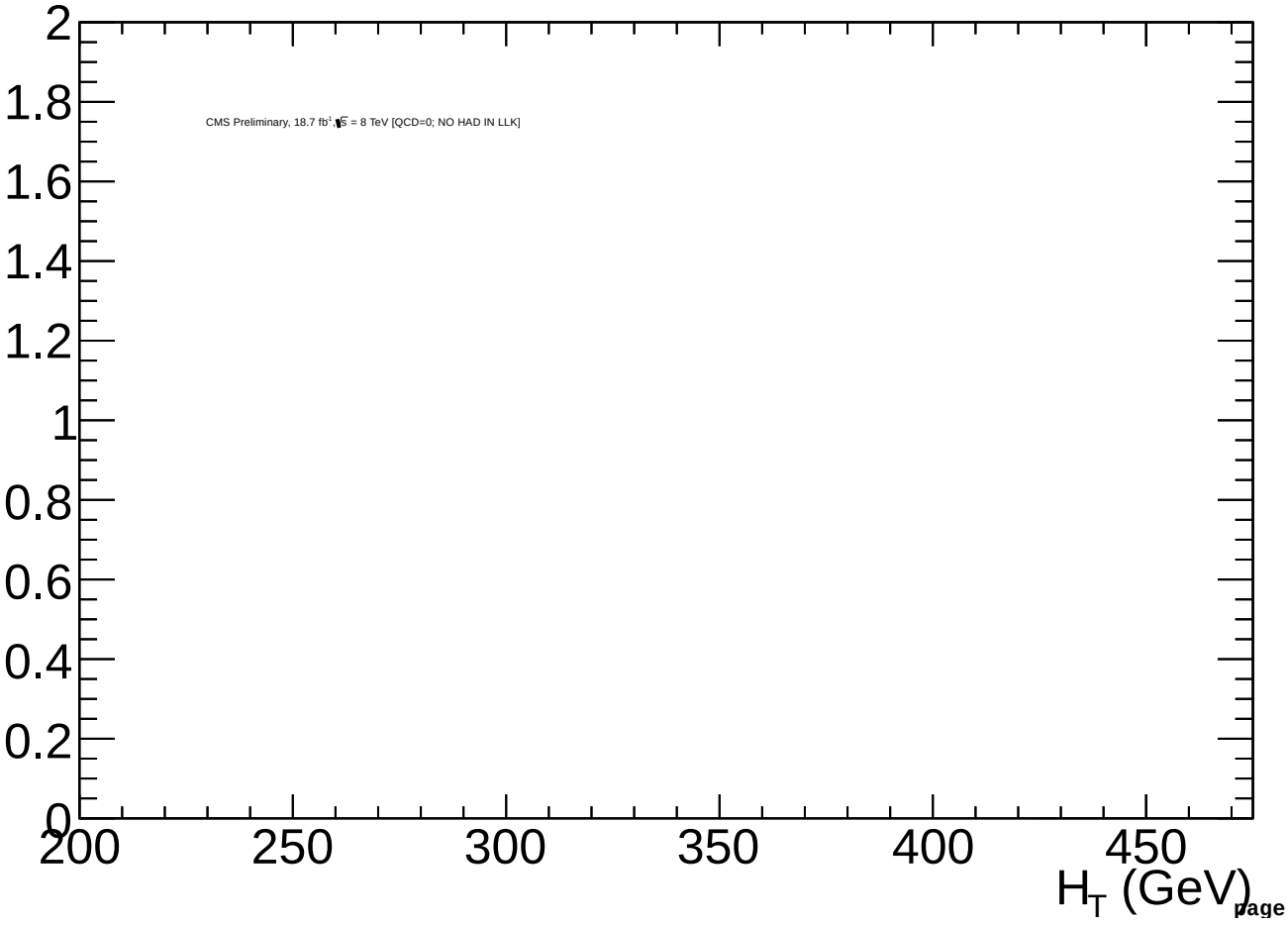

CMS Preliminary, 18.7 fb^{-1}, $\sqrt{s}$ = 8 TeV [QCD=0; NO HAD IN LLK]
Data (μ + jets sample, $n_b^b \geq 4$; $n_j^j \geq 4$)
EWK Prediction ± Expected Unc.
Events / bin
0
2
4
6
8
10
200
250
300
350
400
450
H_T (GeV)

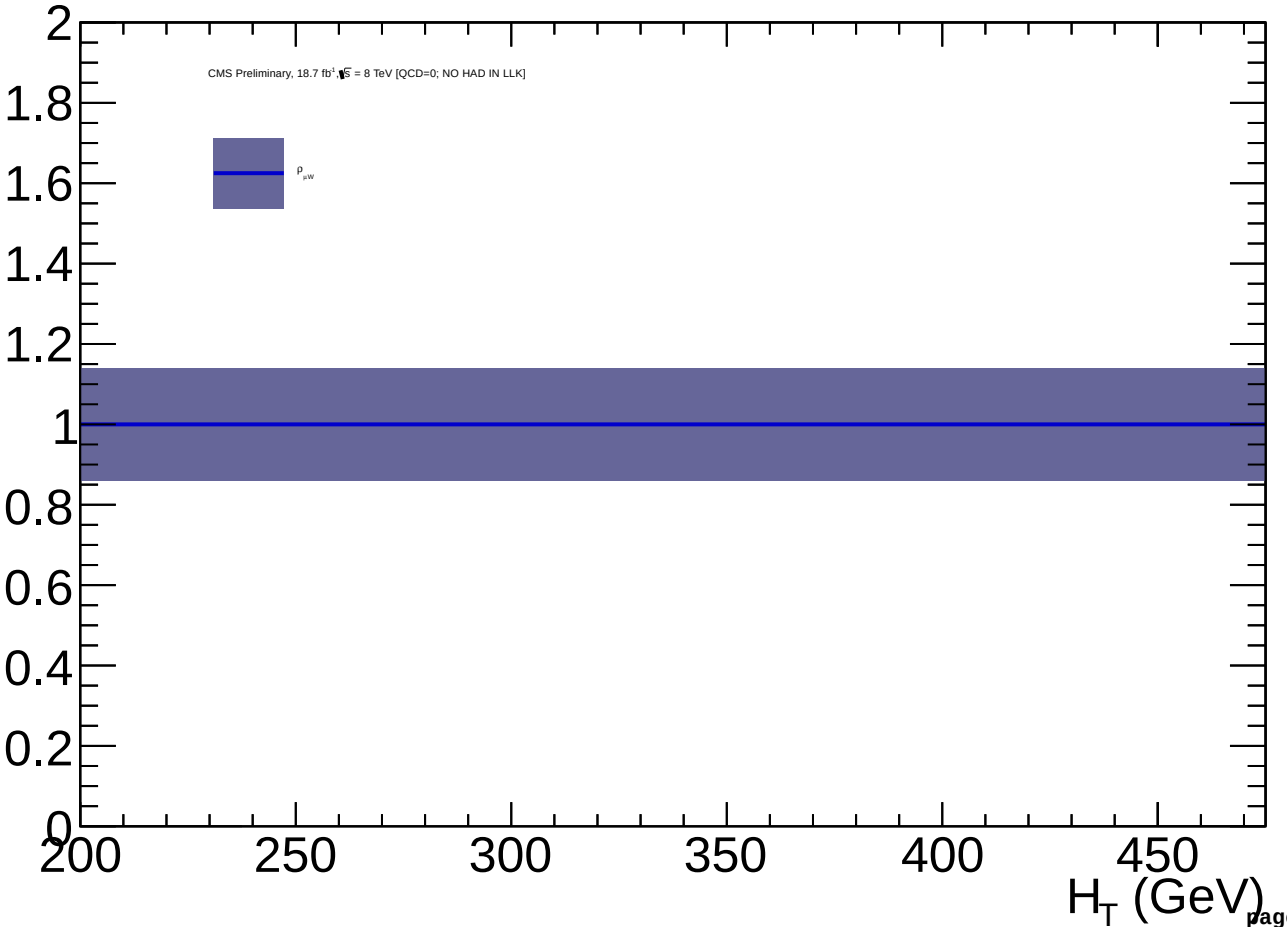

CMS Preliminary, 18.7 fb^{-1}, $\sqrt{s}$ = 8 TeV [QCD=0; NO HAD IN LLK]
Data (μ + jets sample, $n_b \geq 4$; $n_j \geq 4$)
EWK Prediction ± Expected Unc.
Events / bin
10
1
200
250
300
350
400
450
H_T (GeV)

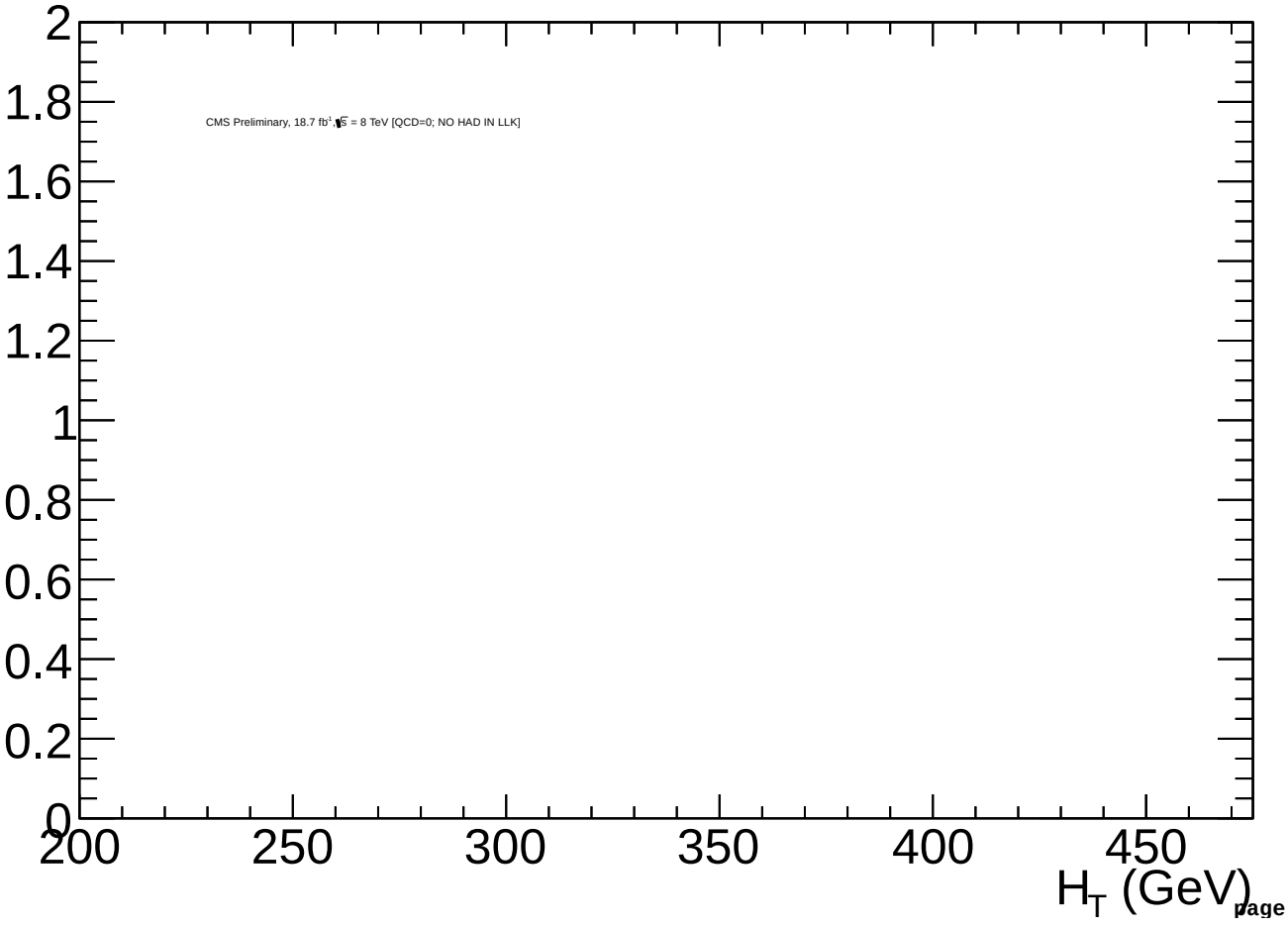
ewk scale factor (result of fit)

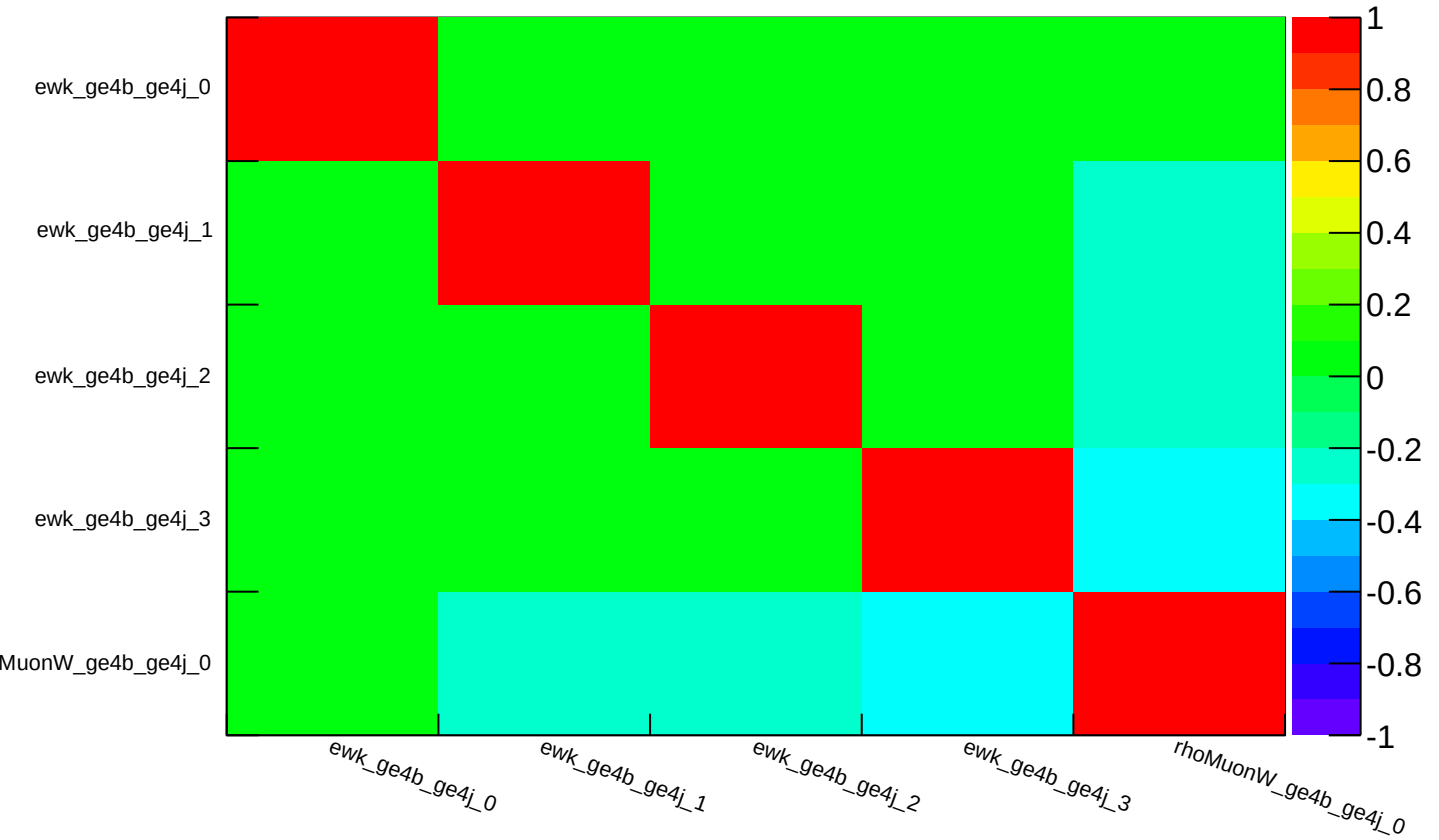



$\times 10^{-9}$
R_{α_T}
CMS Preliminary, 18.7 fb^{-1}, $\sqrt{s}$ = 8 TeV [QCD=0; NO HAD IN LLK]
Data (hadronic sample, $n_b \geq 4$; $n_j \geq 4$)
EWK Prediction ± Expected Unc.
45
40
35
30
25
20
15
10
5
0
200
250
300
350
400
450
H_T (GeV)


CMS Preliminary, 18.7 fb-1, √s = 8 TeV [QCD=0; NO HAD IN LLK]
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
200
250
300
350
400
450
HT (GeV)


CMS Preliminary, 18.7 fb-1, √s = 8 TeV [QCD=0; NO HAD IN LLK]
ρμW
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
200
250
300
350
400
450
HT (GeV)


CMS Preliminary, 18.7 fb-1, √s = 8 TeV [QCD=0; NO HAD IN LLK]
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
200
250
300
350
400
450
HT (GeV)

par name:	value	+/-	error	[	min	-	max	]
ewk_ge4b_ge4j_0:	0.00e+00	+/-	8.4e-03	[	0.0e+00	-	1.0e+01	]
ewk_ge4b_ge4j_1:	1.51e-01	+/-	8.9e-02	[	0.0e+00	-	1.0e+01	]
ewk_ge4b_ge4j_2:	5.11e-01	+/-	3.0e-01	[	0.0e+00	-	1.0e+01	]
ewk_ge4b_ge4j_3:	3.47e-01	+/-	1.3e-01	[	0.0e+00	-	2.0e+01	]
rhoMuonW_ge4b_ge4j_0:	1.00e+00	+/-	1.4e-01	[	0.0e+00	-	3.0e+00	]

correlation_matrix