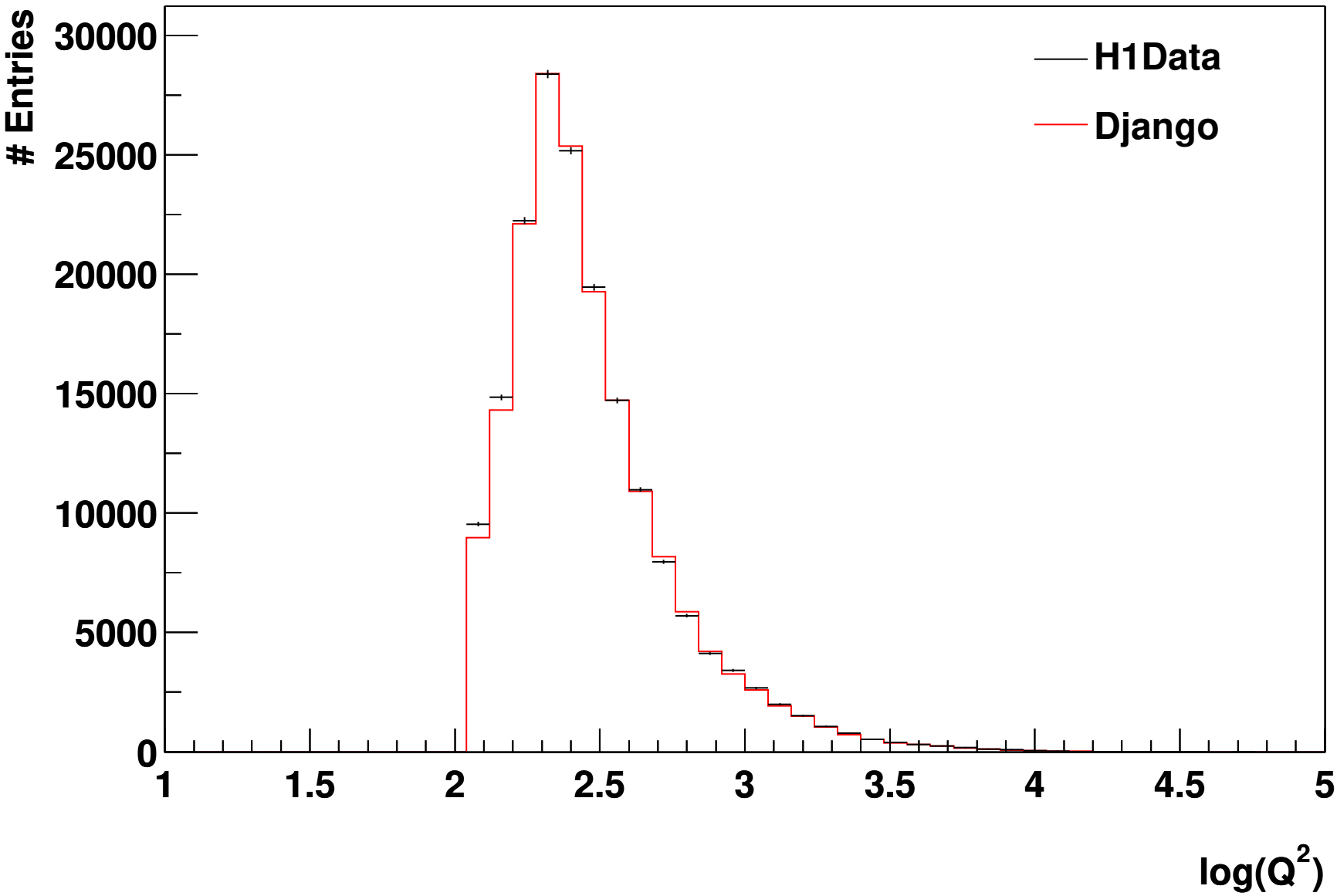
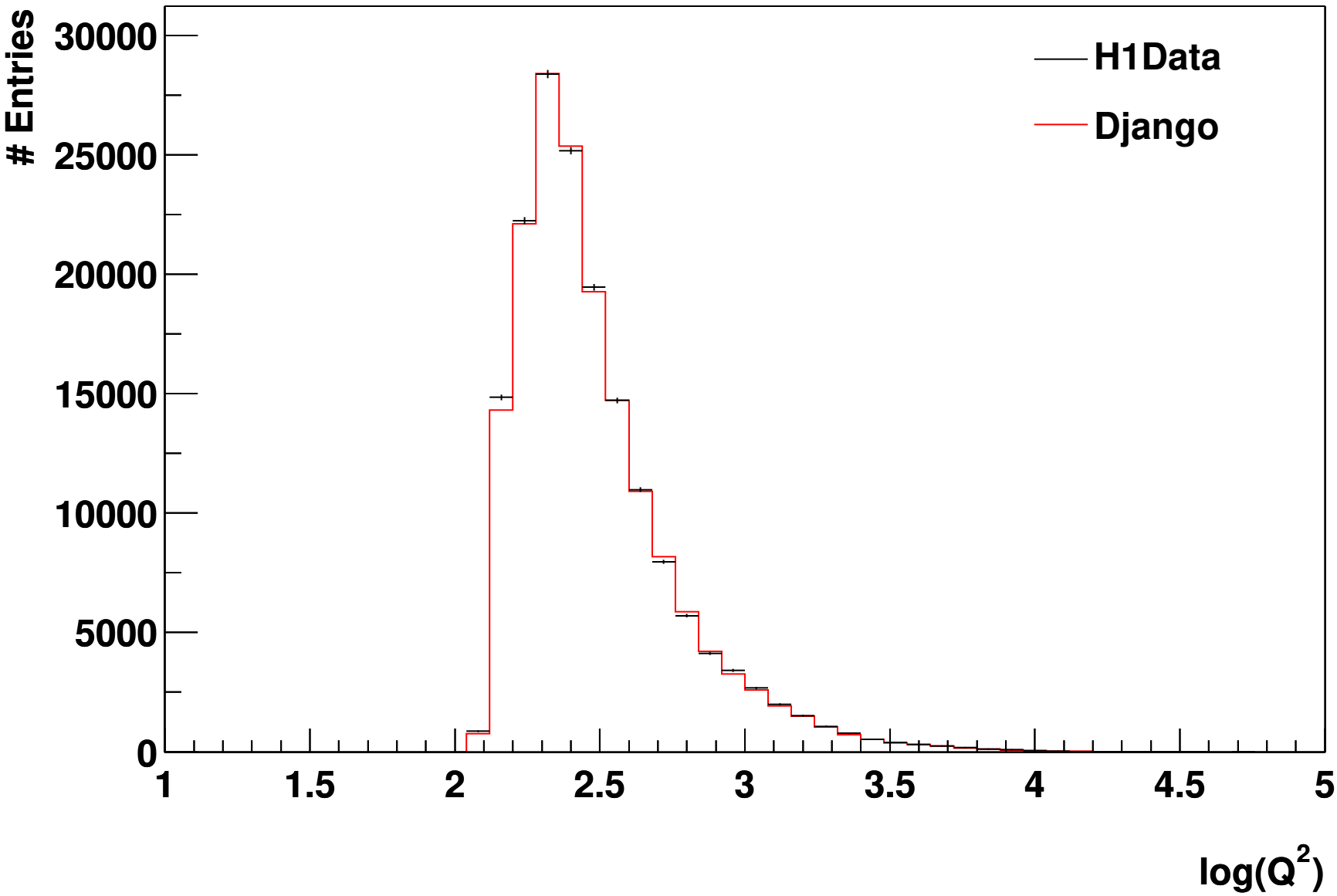
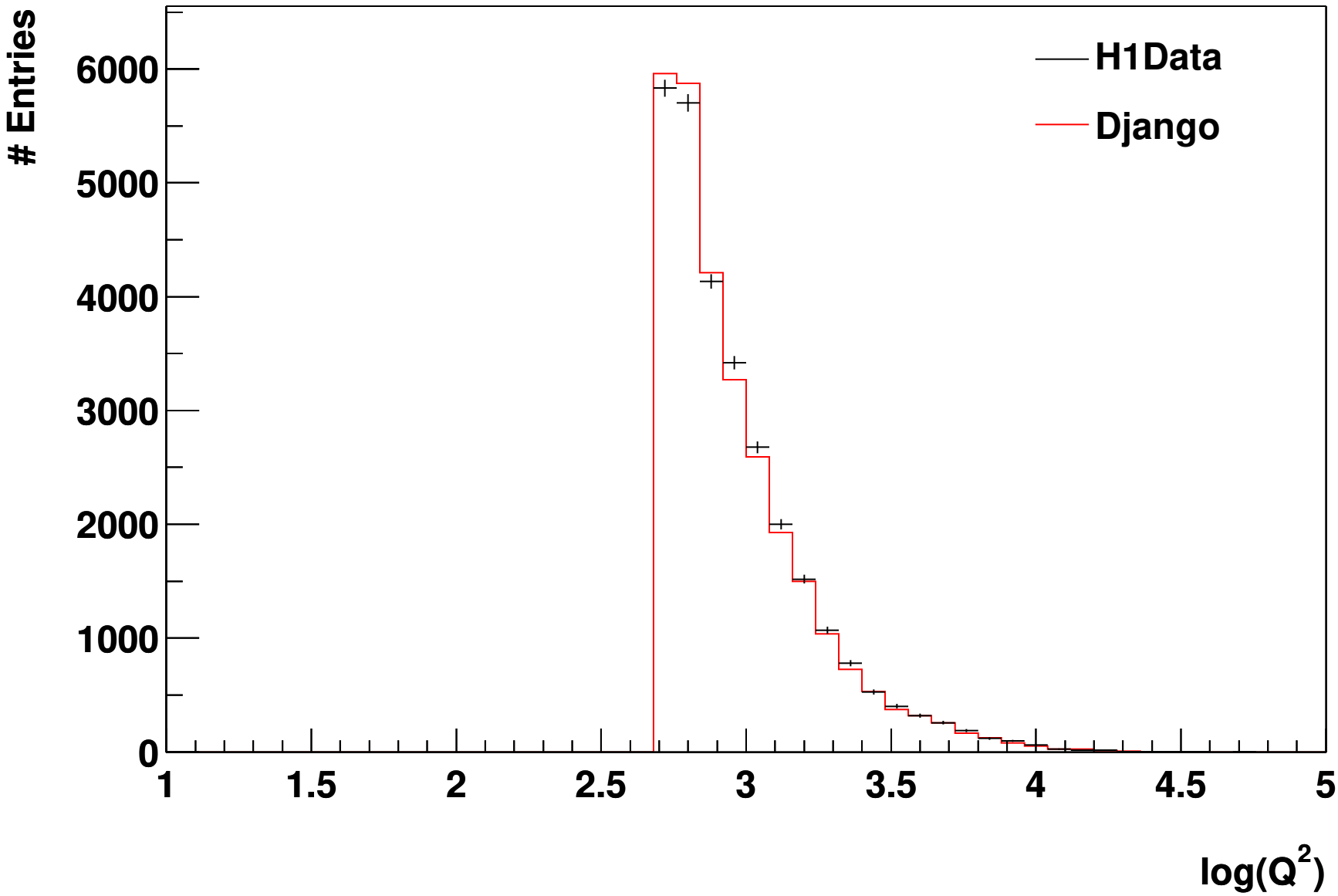
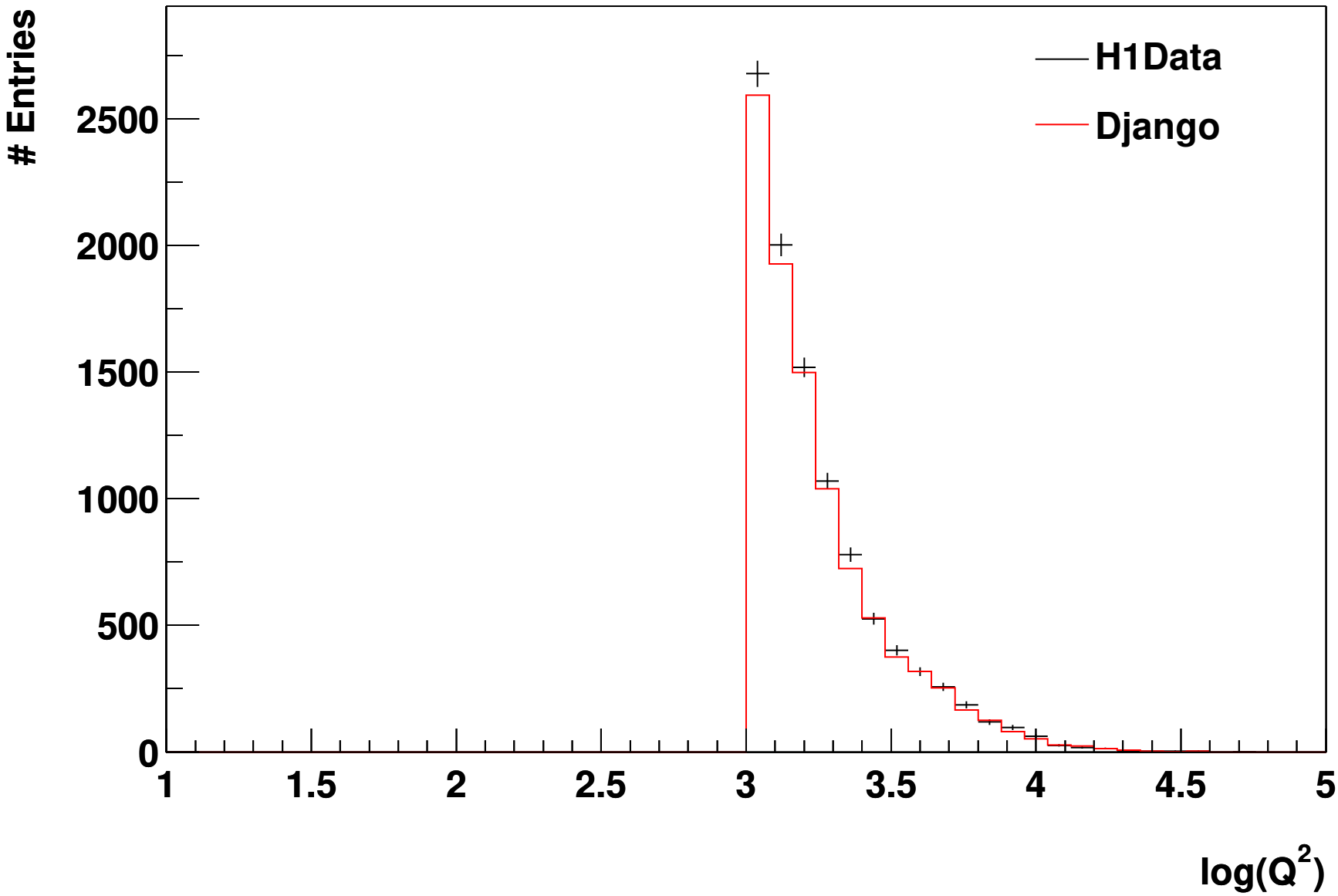
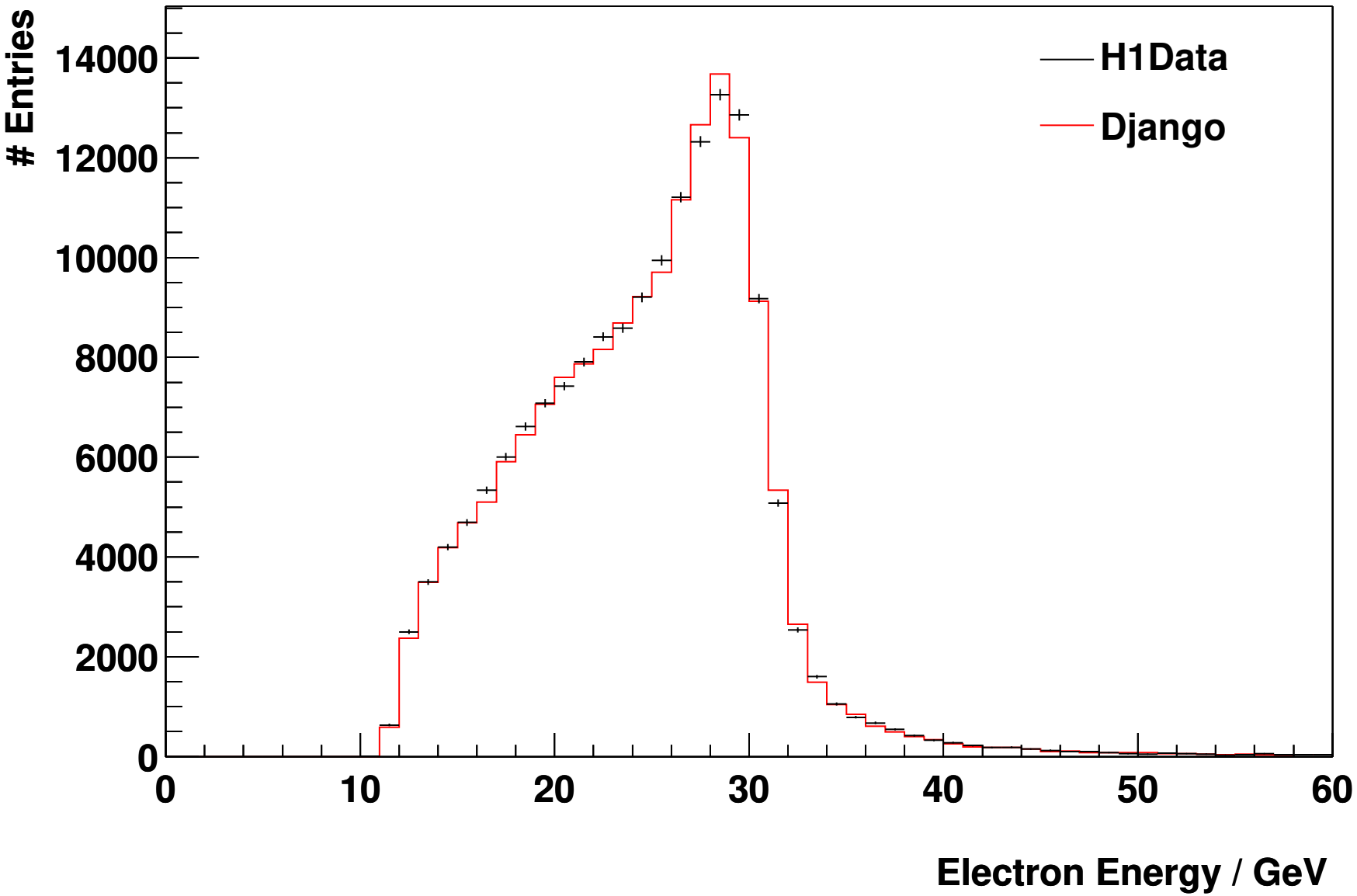
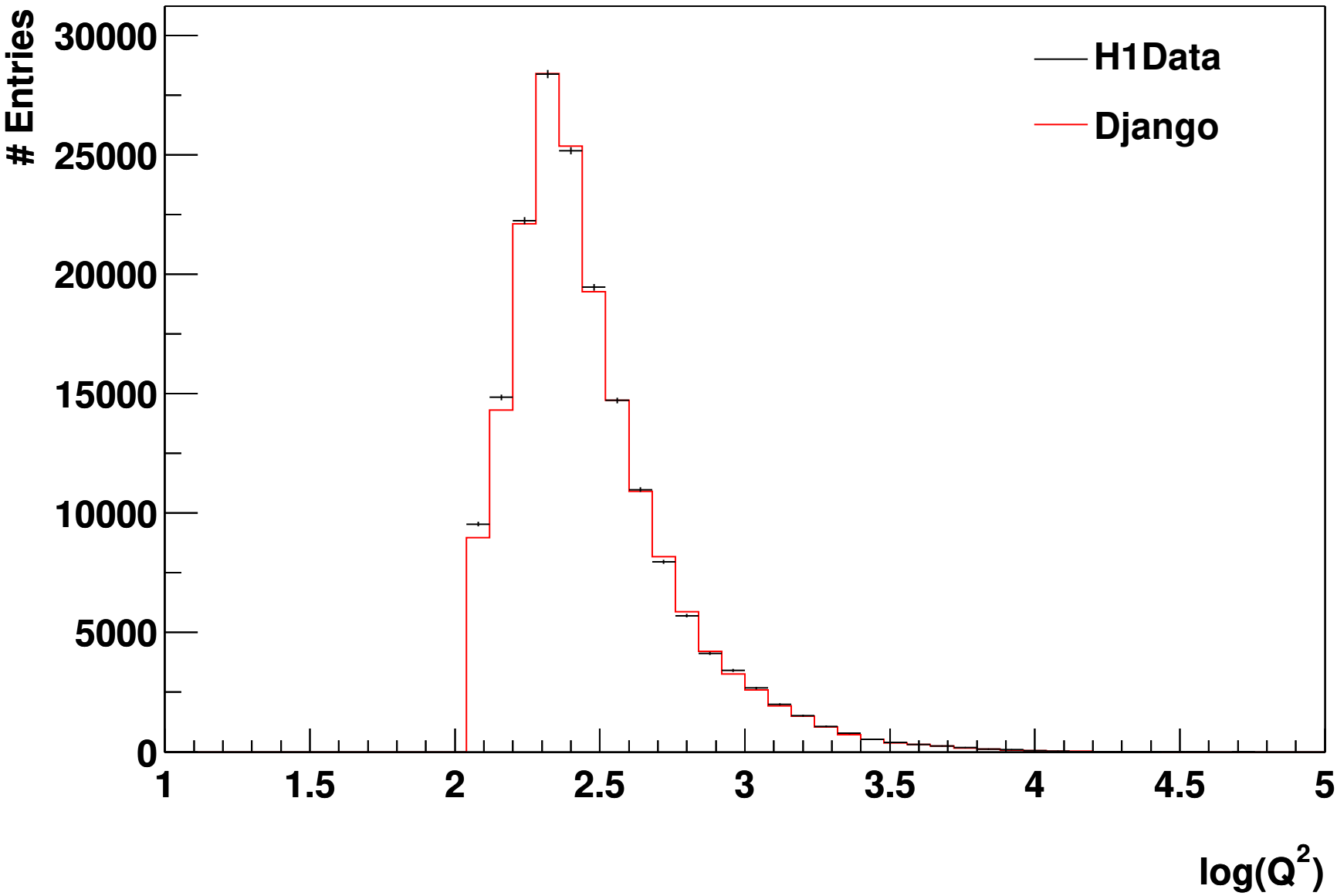

Entries
30000
25000
20000
15000
10000
5000
0
1
1.5
2
2.5
3
3.5
4
4.5
5
log(Q²)
H1Data
Django

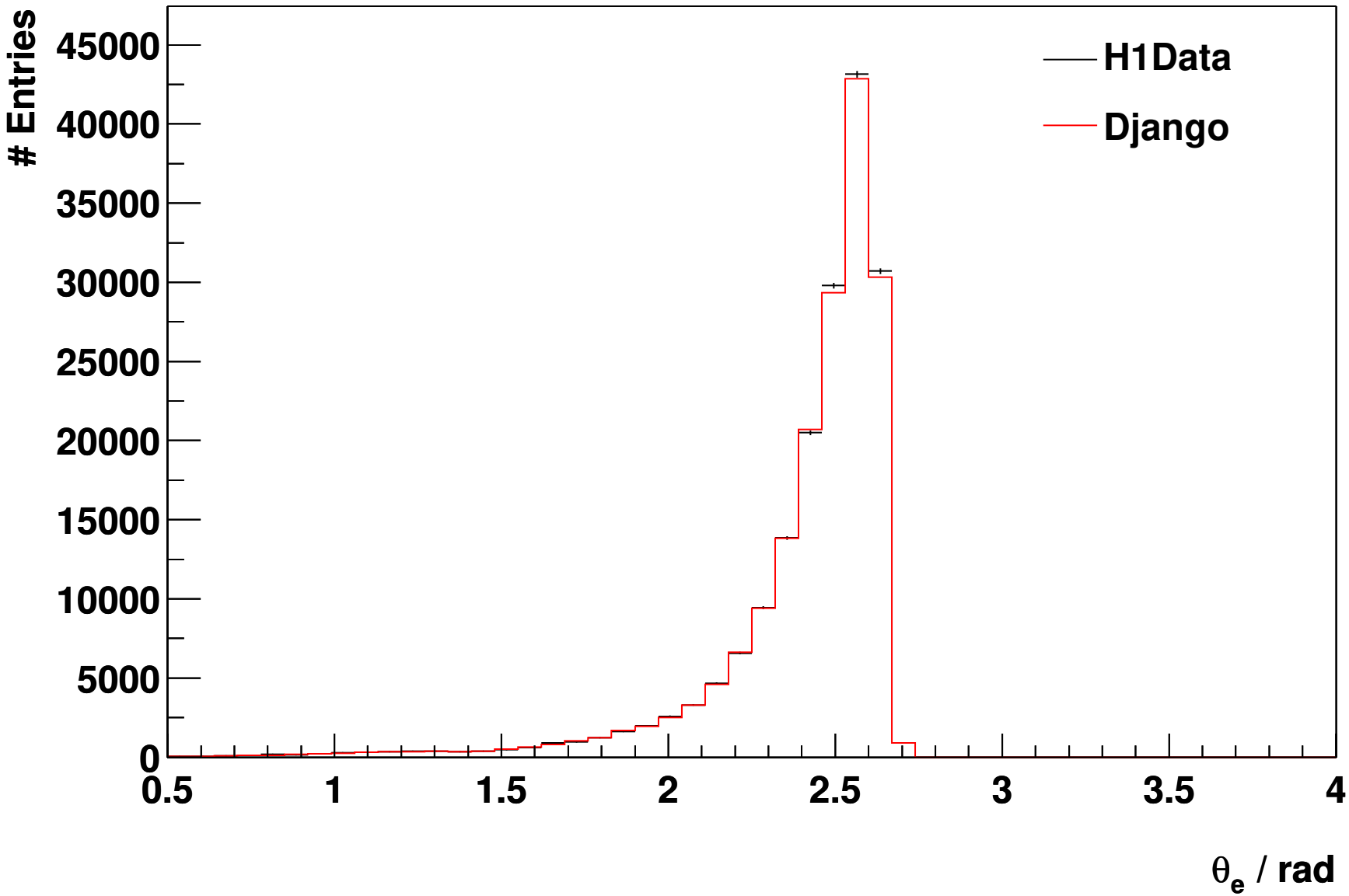

Entries
30000
25000
20000
15000
10000
5000
0
1
1.5
2
2.5
3
3.5
4
4.5
5
log(Q²)
H1Data
Django

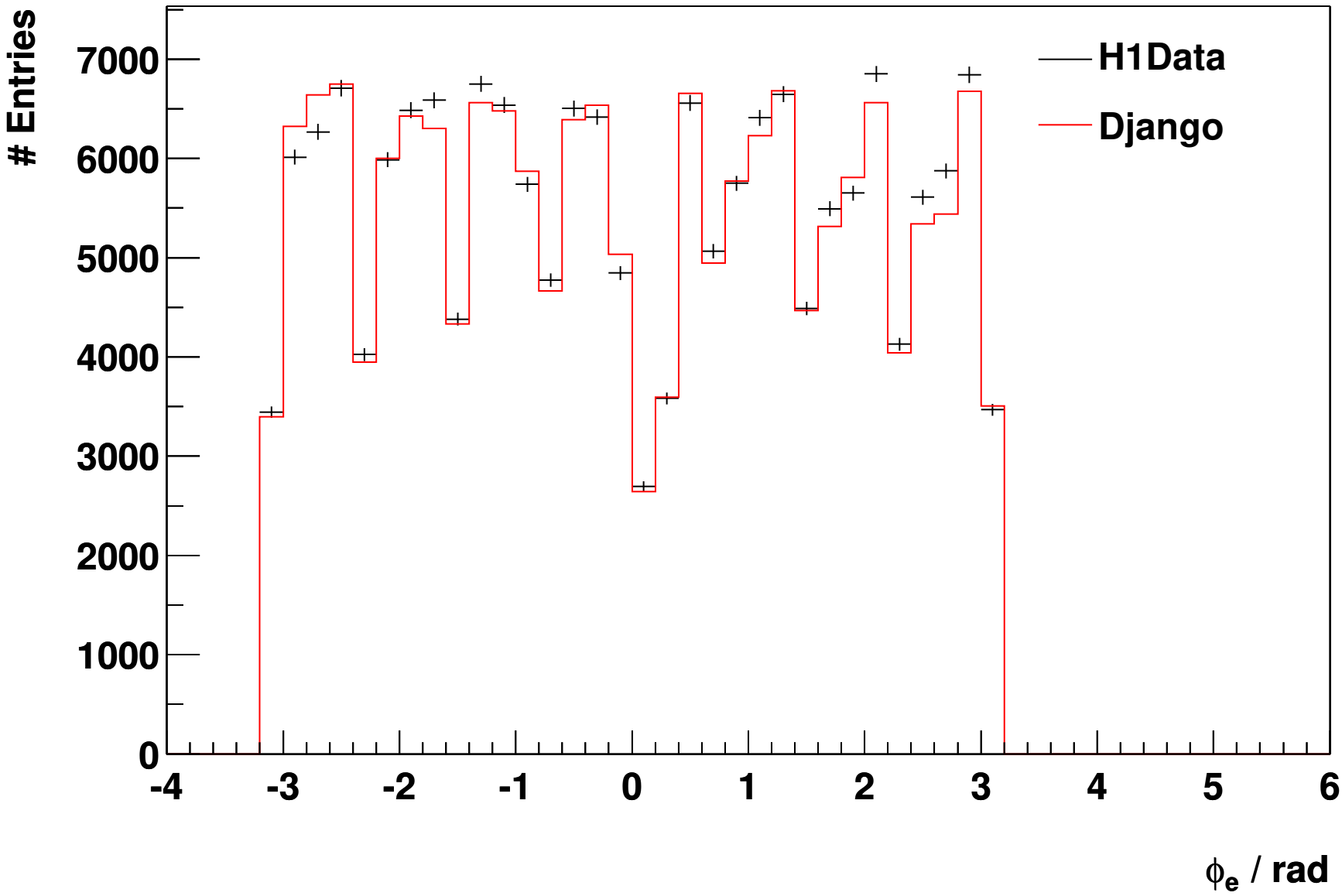

Entries
6000
5000
4000
3000
2000
1000
0
1
1.5
2
2.5
3
3.5
4
4.5
5
log(Q²)
H1Data
Django

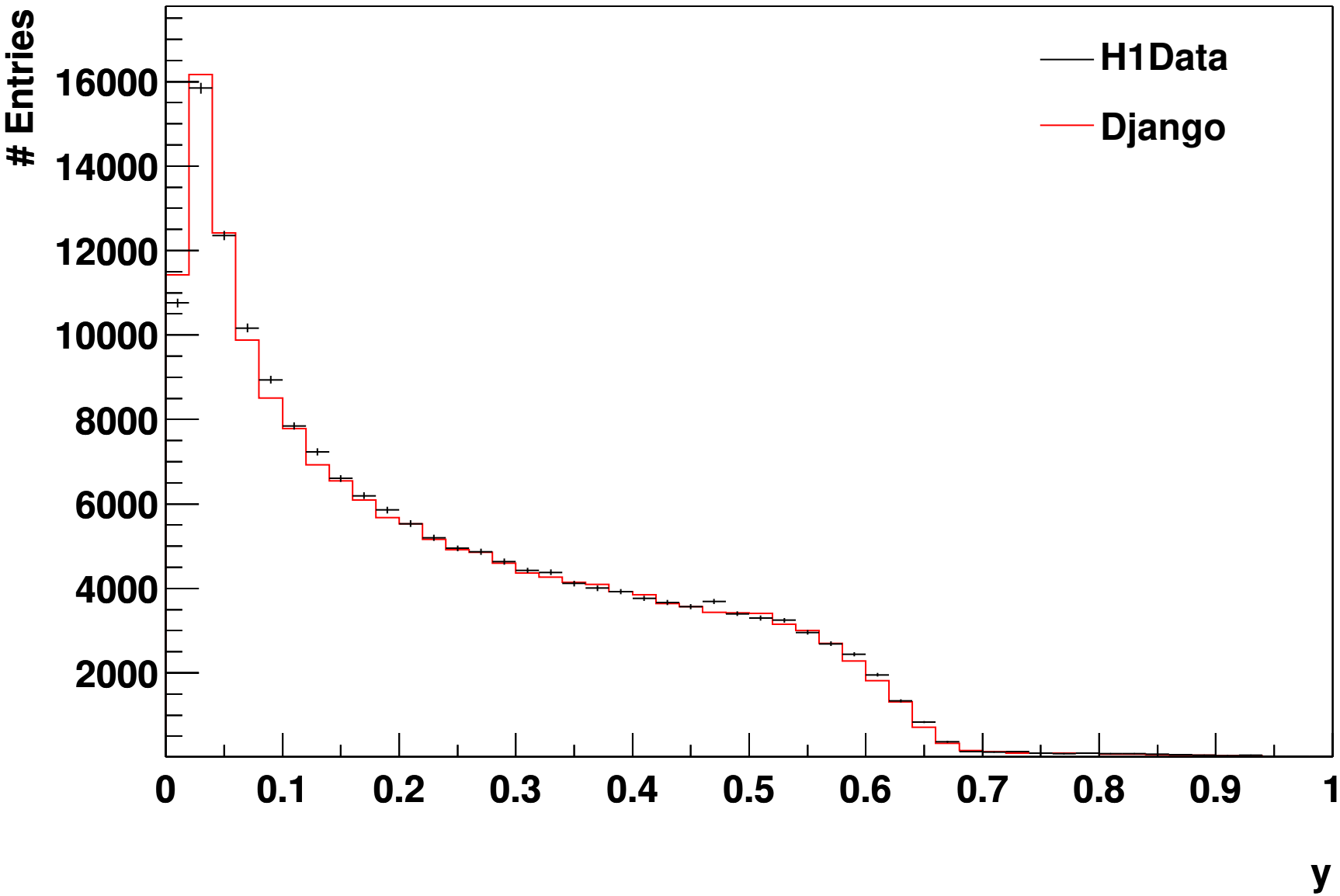

Entries
2500
2000
1500
1000
500
0
1
1.5
2
2.5
3
3.5
4
4.5
5
log(Q²)
H1Data
Django

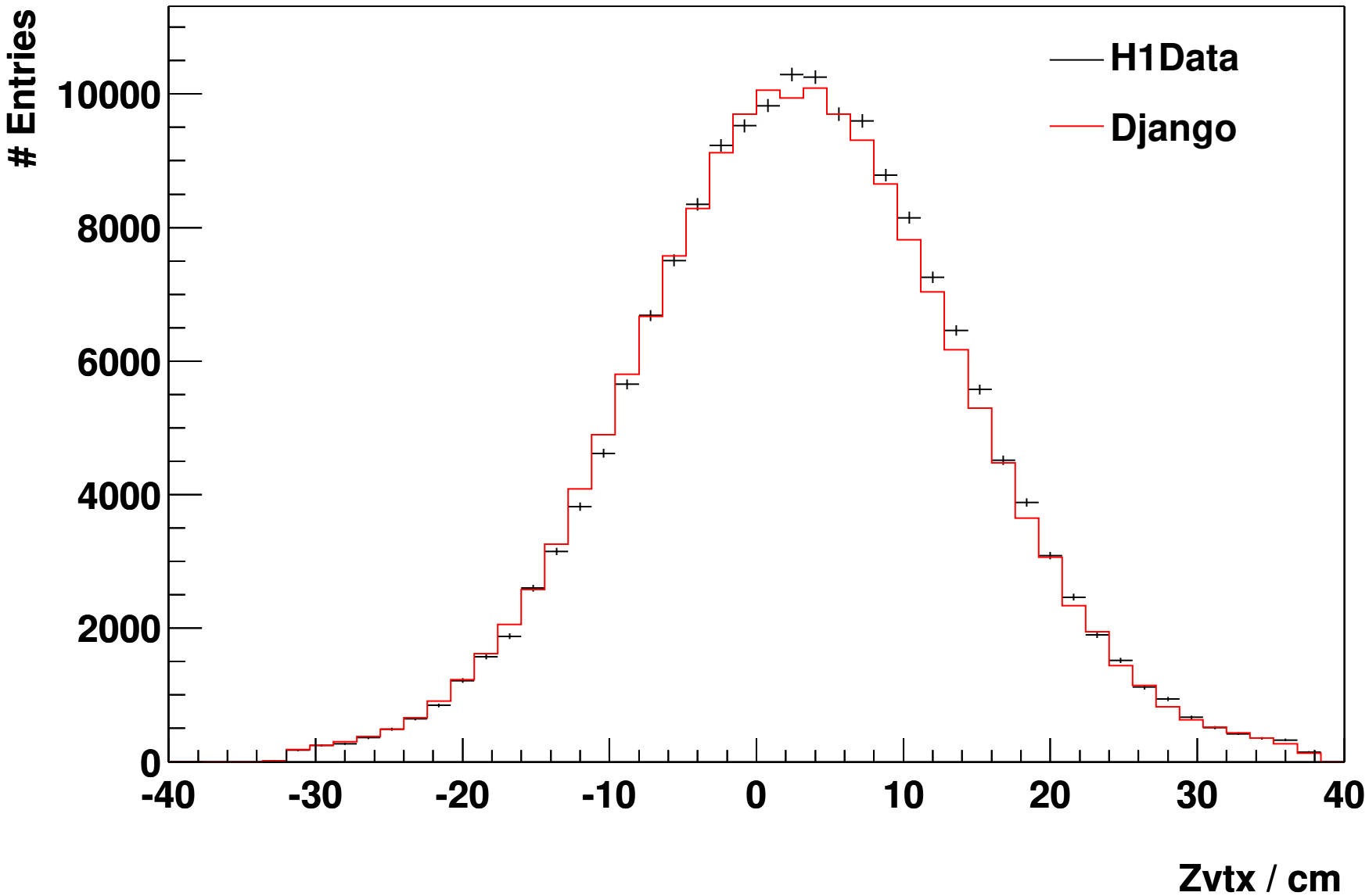

Entries
14000
12000
10000
8000
6000
4000
2000
0
0
10
20
30
40
50
60
Electron Energy / GeV
H1Data
Django

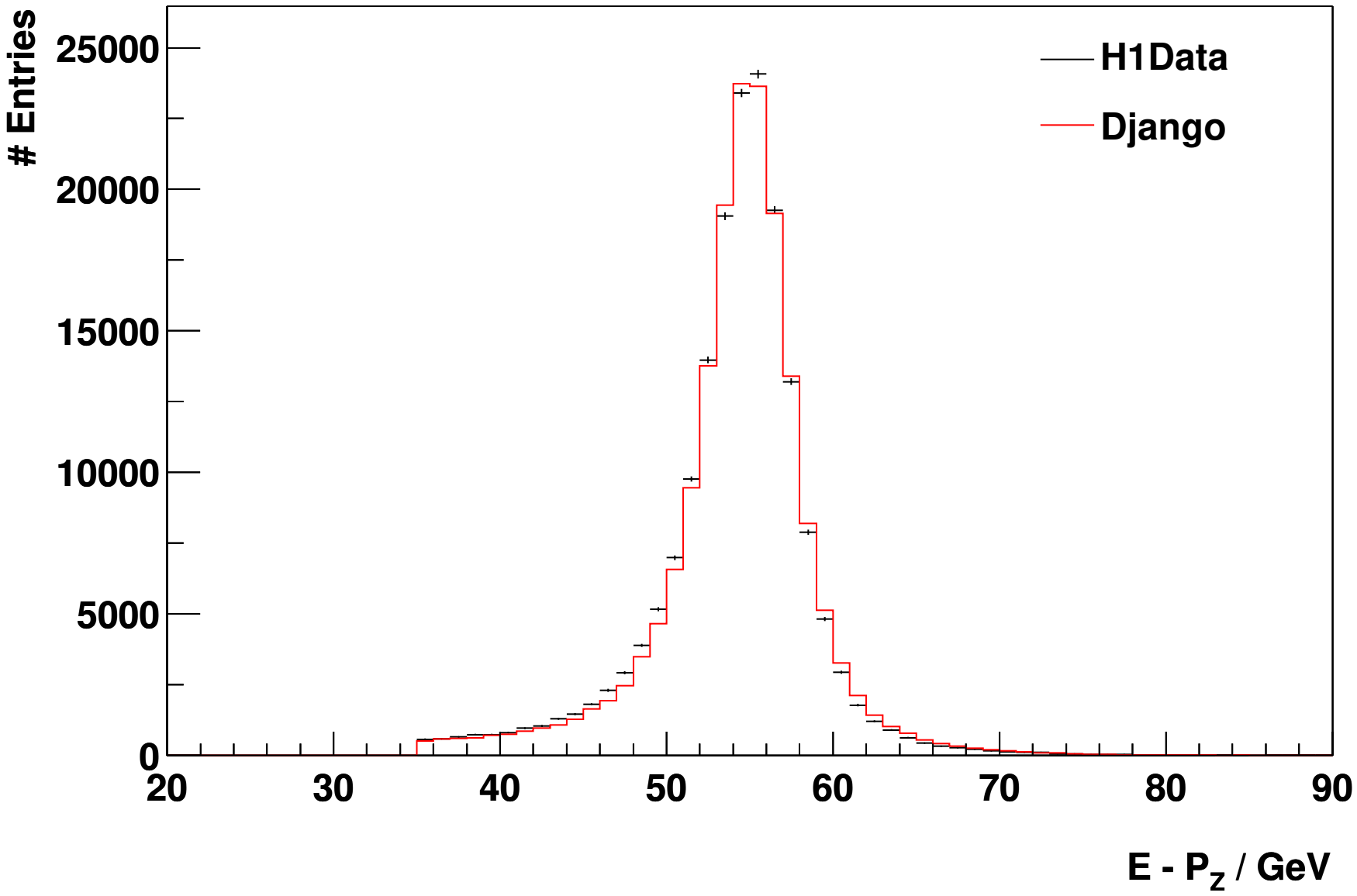

Entries
30000
25000
20000
15000
10000
5000
0
1
1.5
2
2.5
3
3.5
4
4.5
5
log(Q²)
H1Data
Django

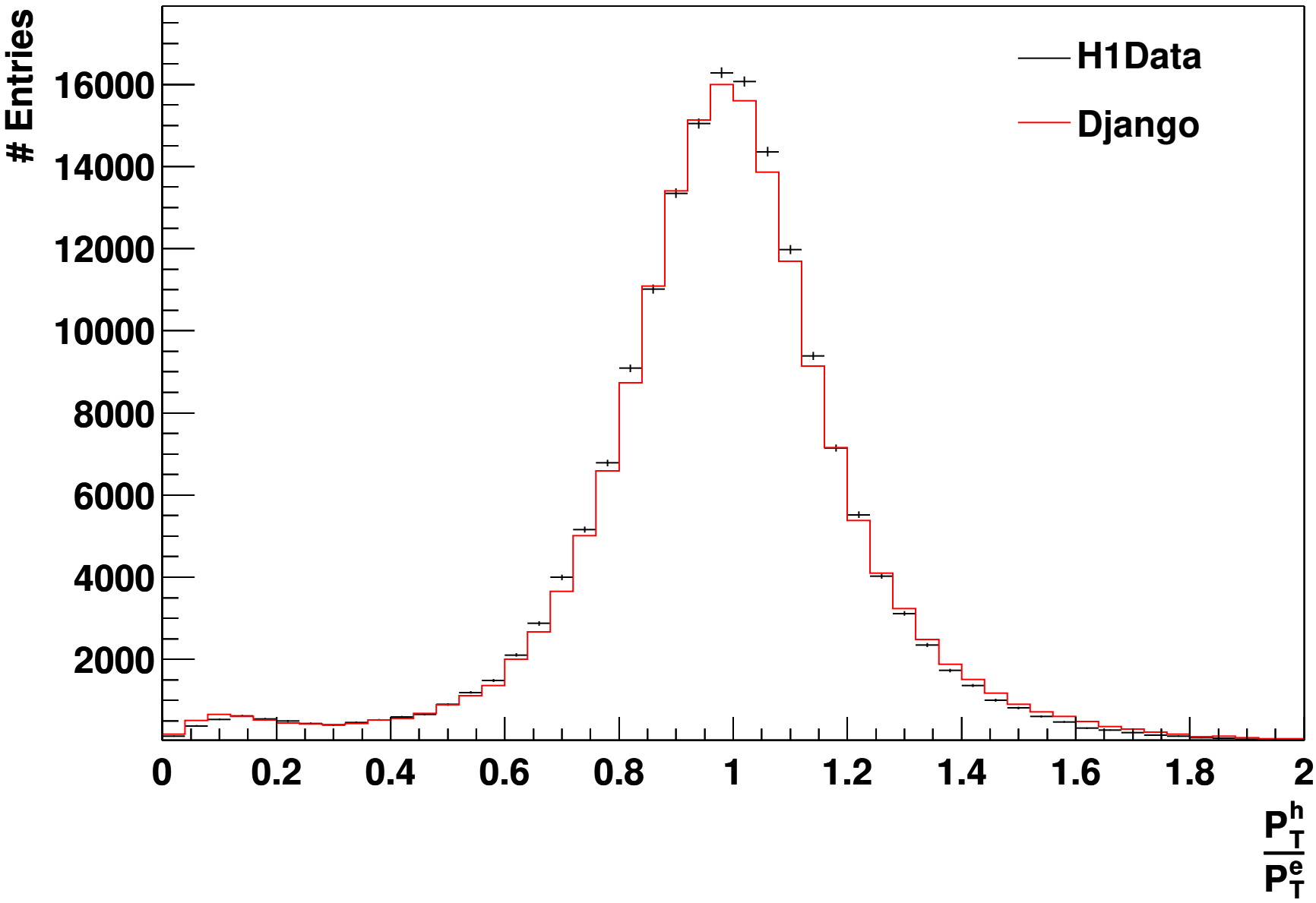

H1Data
Django
Entries
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0.5
1
1.5
2
2.5
3
3.5
4
θe / rad

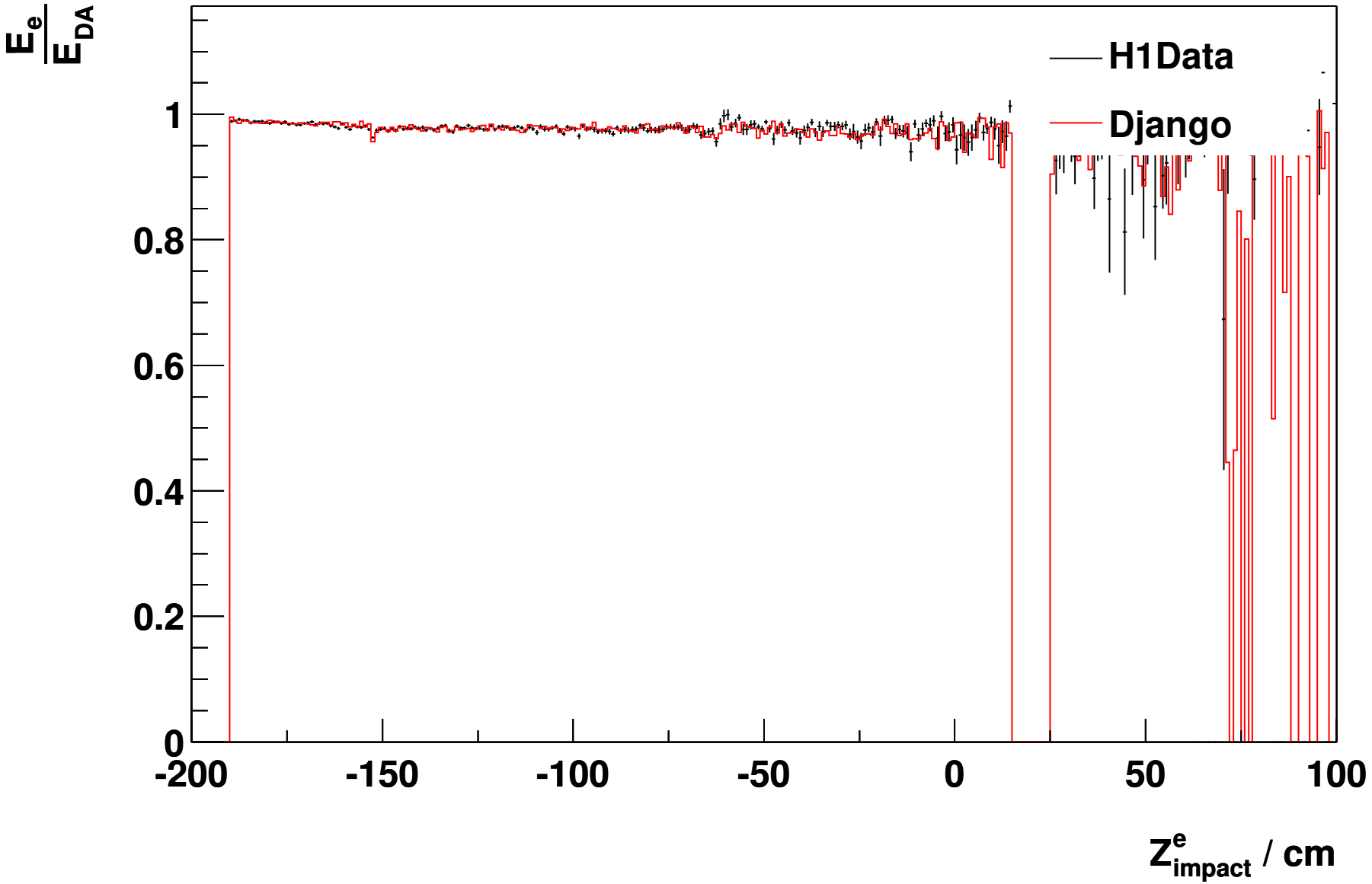

Entries
7000
6000
5000
4000
3000
2000
1000
0
-4
-3
-2
-1
0
1
2
3
4
5
6
H1Data
Django
ϕ_e / rad

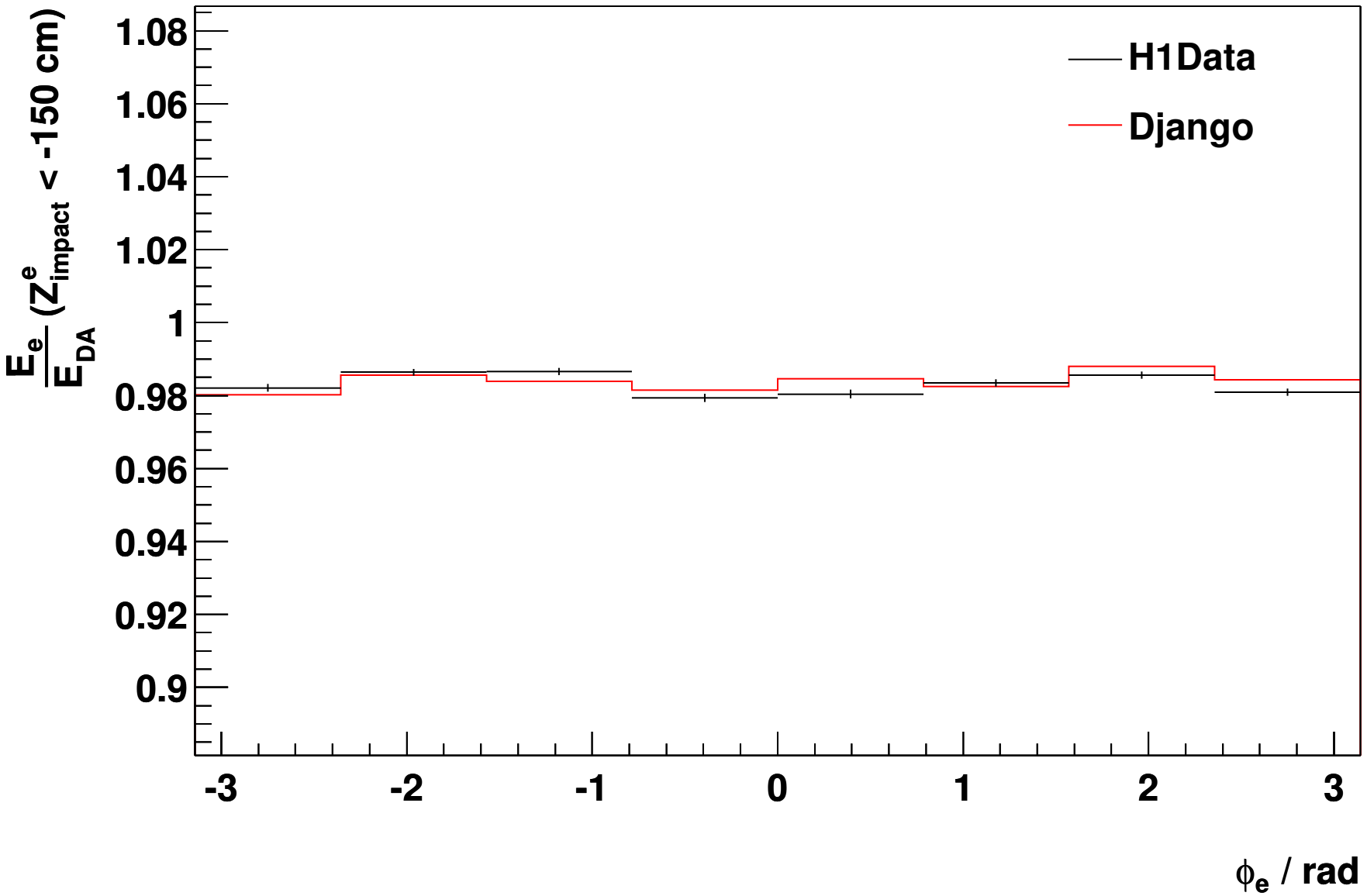

Entries
16000
14000
12000
10000
8000
6000
4000
2000
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
y
H1Data
Django

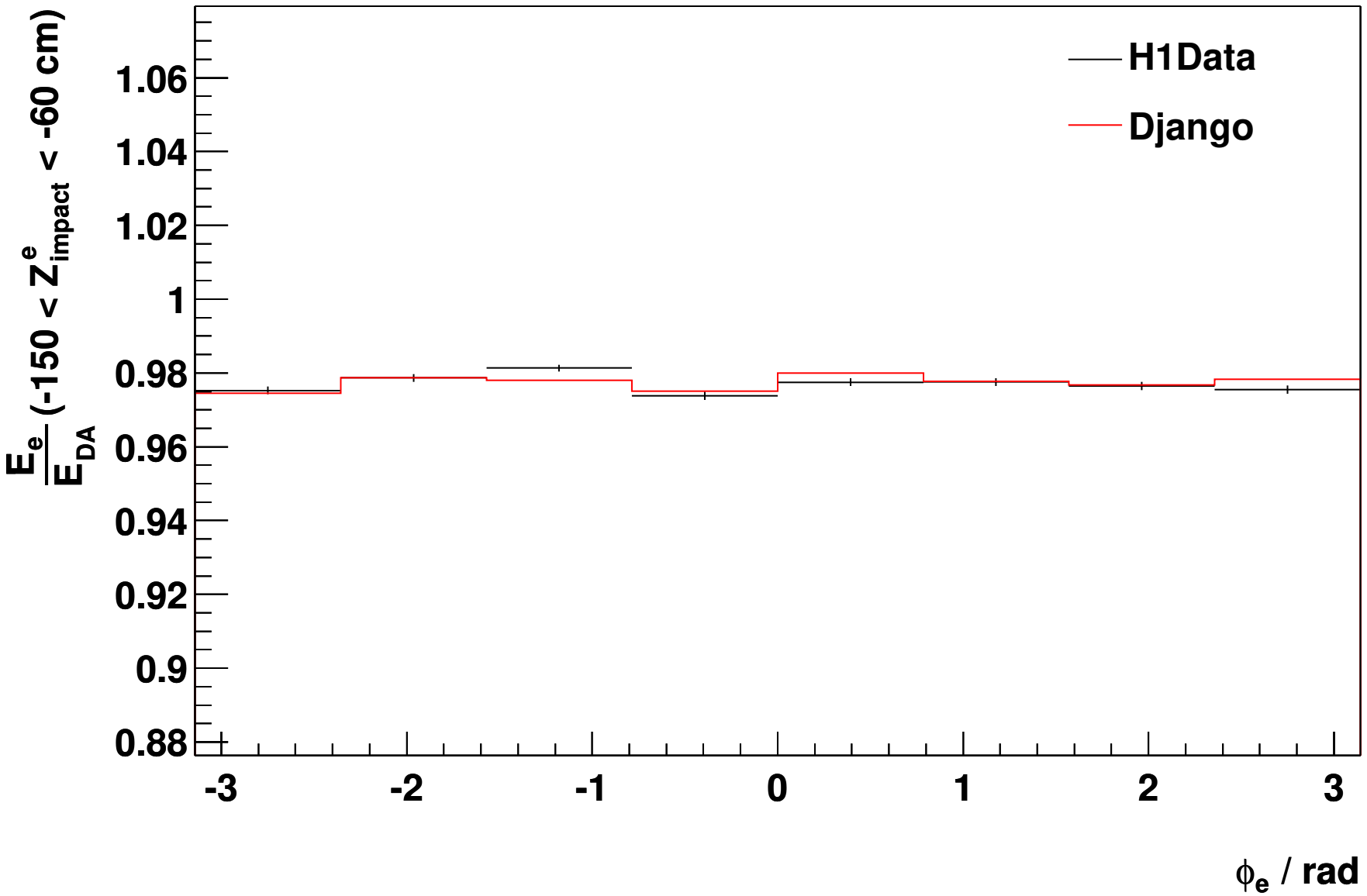

H1Data
Django
Entries
10000
8000
6000
4000
2000
0
-40
-30
-20
-10
0
10
20
30
40
Zvtx / cm

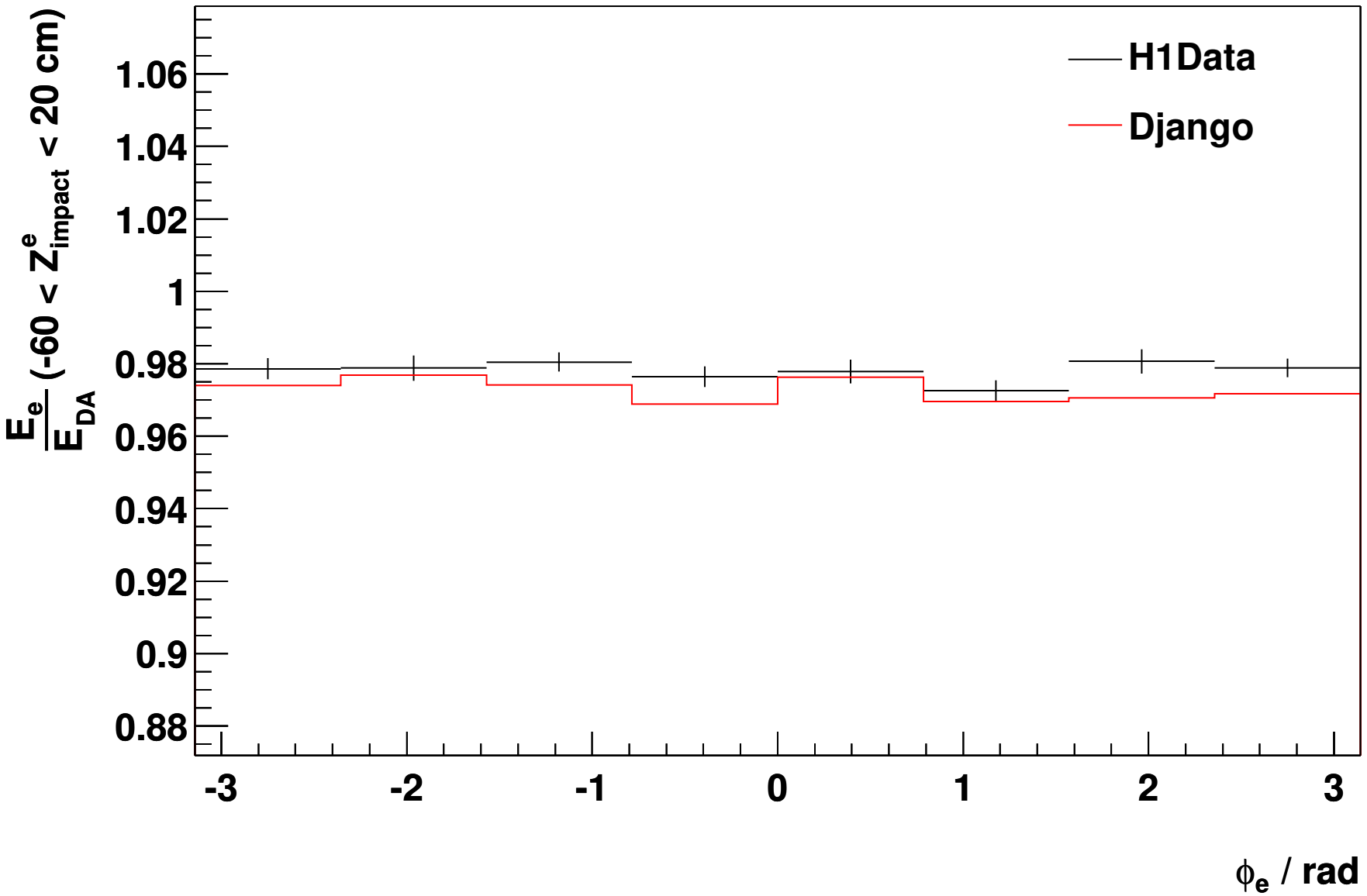

Entries
25000
20000
15000
10000
5000
0
20
30
40
50
60
70
80
90
H1Data
Django
E - P_Z / GeV

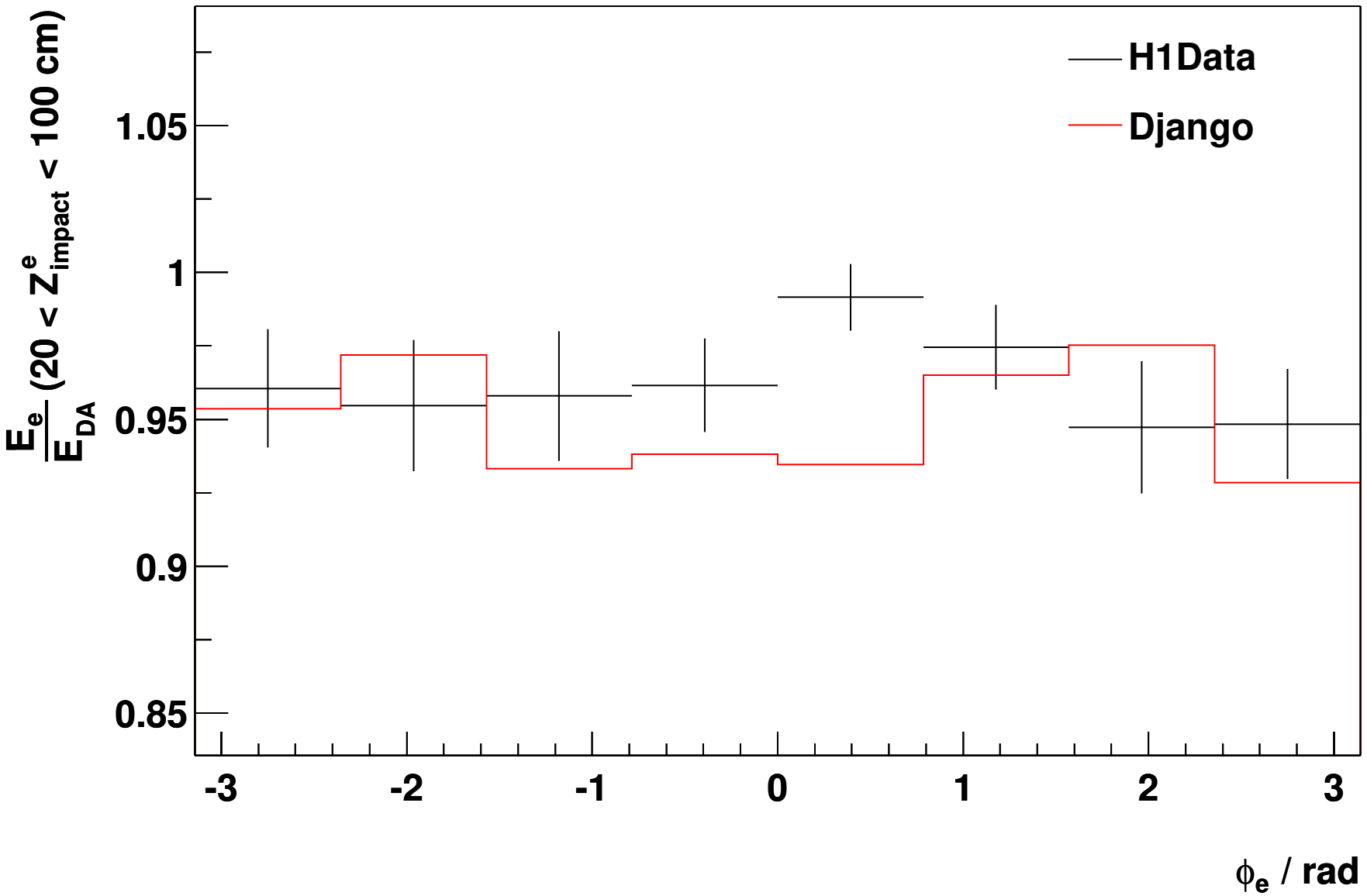

Entries
16000
14000
12000
10000
8000
6000
4000
2000
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
H1Data
Django
P_T^h / P_T^e

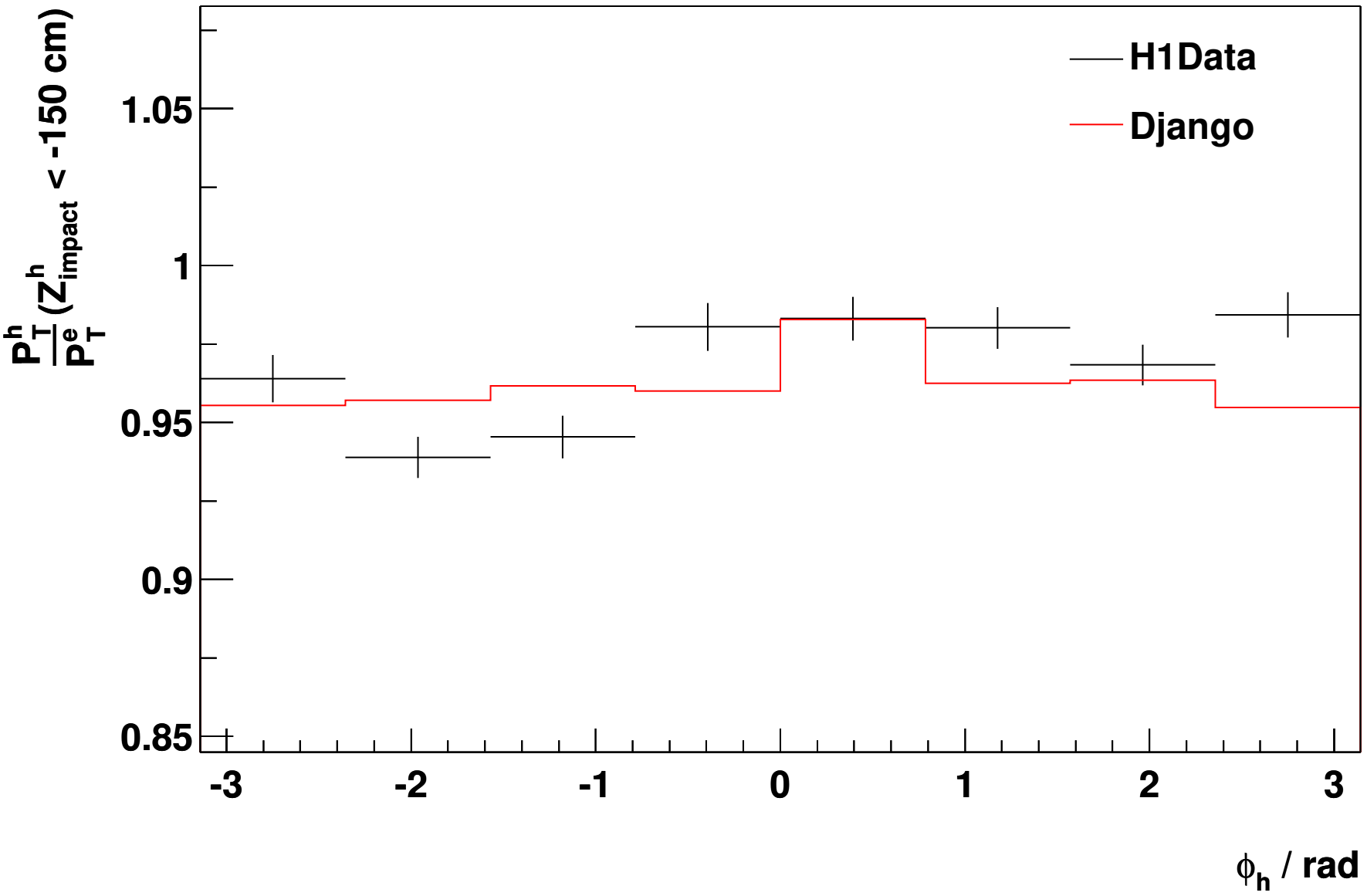

$\frac{E_e}{E_{DA}}$
H1Data
Django
1
0.8
0.6
0.4
0.2
0
-200
-150
-100
-50
0
50
100
Z^e_{impact} / cm

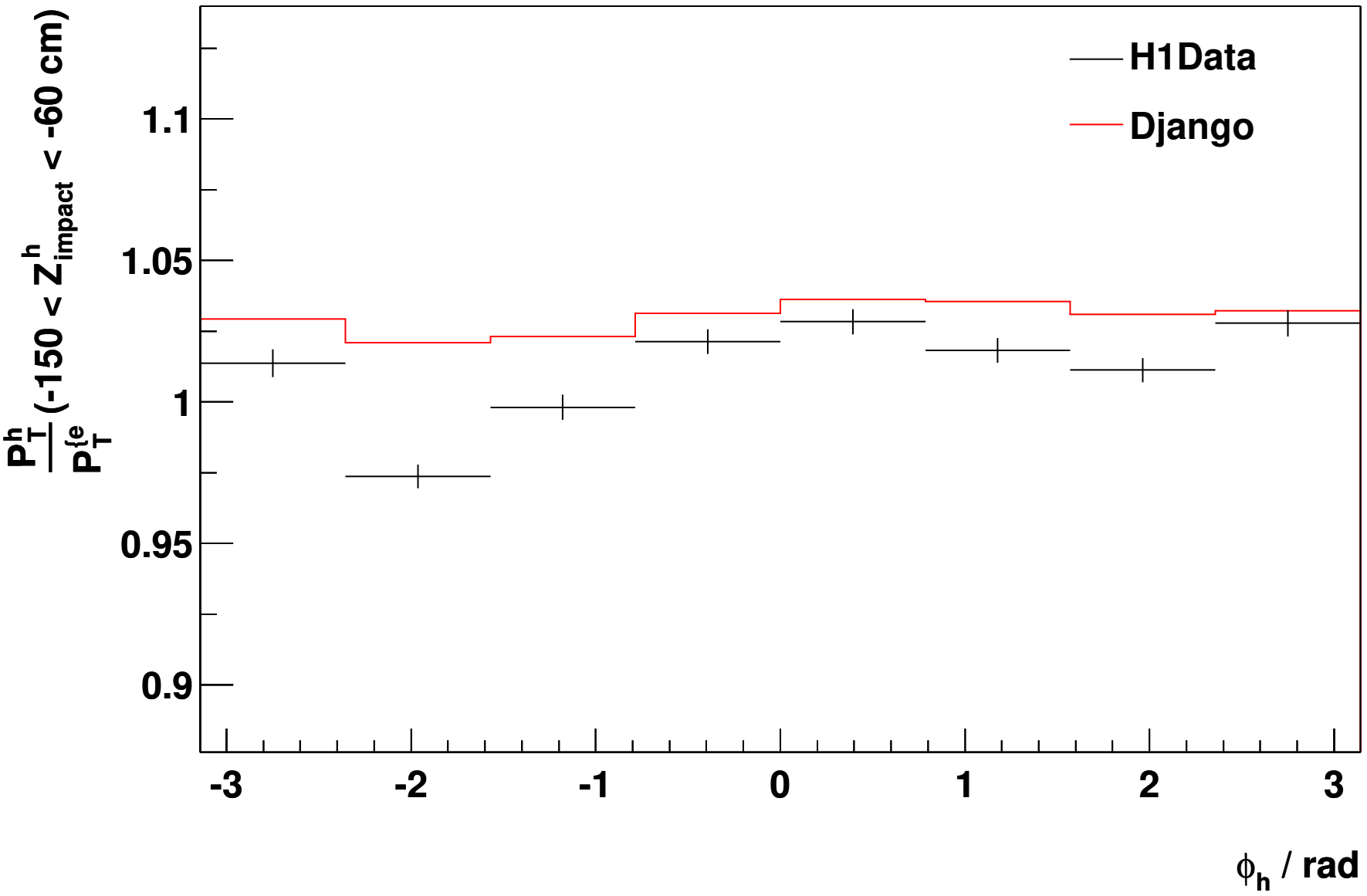

H1Data
Django
$\frac{E_e}{E_{DA}}(Z^e_{impact} < -150\ cm)$
1.08
1.06
1.04
1.02
1
0.98
0.96
0.94
0.92
0.9
-3
-2
-1
0
1
2
3
ϕ_e / rad

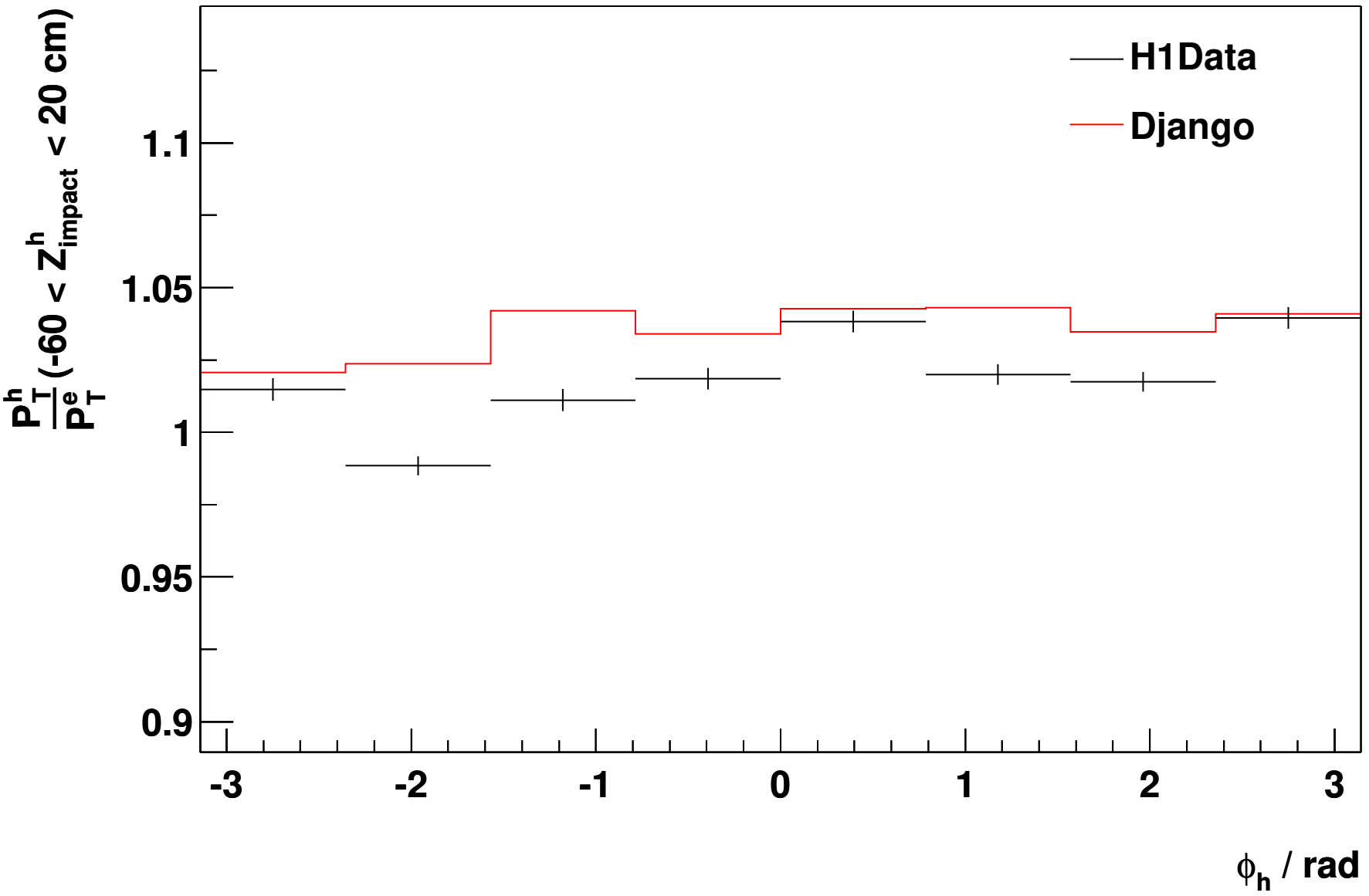

H1Data
Django
$\frac{E_e}{E_{DA}}$ (-150 < Z^e_{impact} < -60 cm)
1.06
1.04
1.02
1
0.98
0.96
0.94
0.92
0.9
0.88
-3
-2
-1
0
1
2
3
ϕ_e / rad

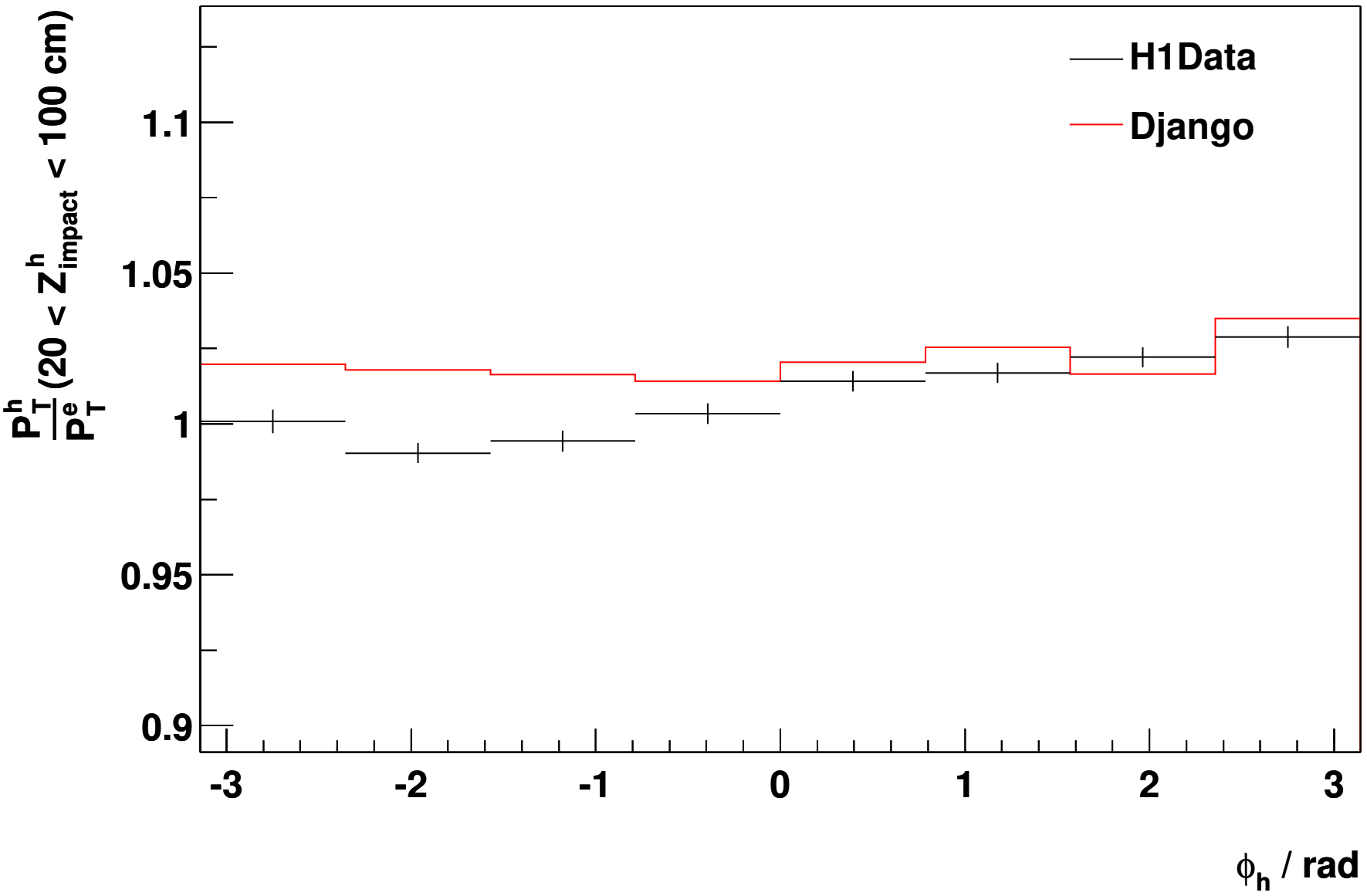

H1Data
Django
$\frac{E_e}{E_{DA}}$ (-60 < Z^e_{impact} < 20 cm)
1.06
1.04
1.02
1
0.98
0.96
0.94
0.92
0.9
0.88
-3
-2
-1
0
1
2
3
ϕ_e / rad

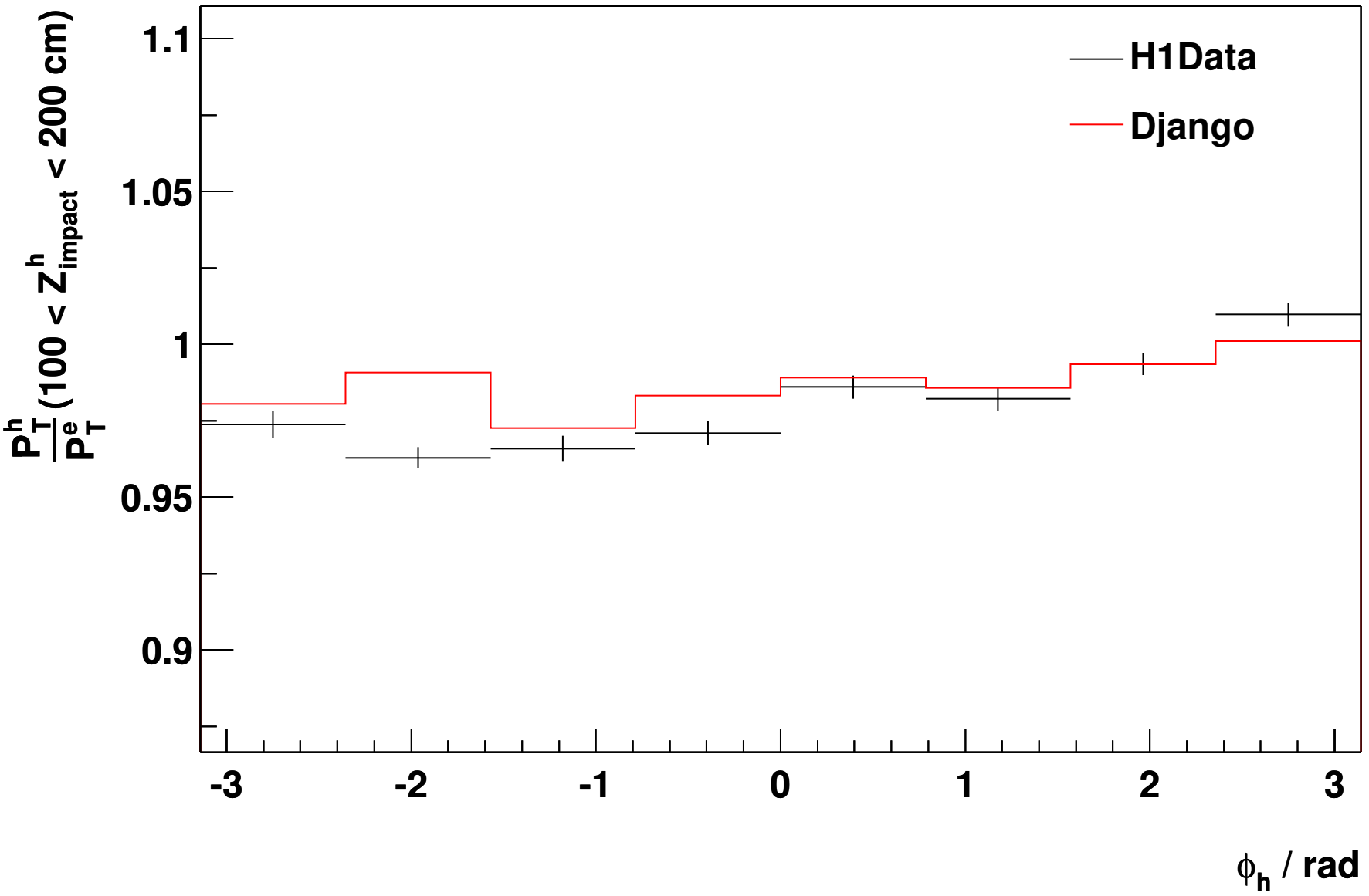

H1Data
Django
$\frac{E_e}{E_{DA}}$ (20 < Z^e_{impact} < 100 cm)
1.05
1
0.95
0.9
0.85
-3
-2
-1
0
1
2
3
ϕ_e / rad

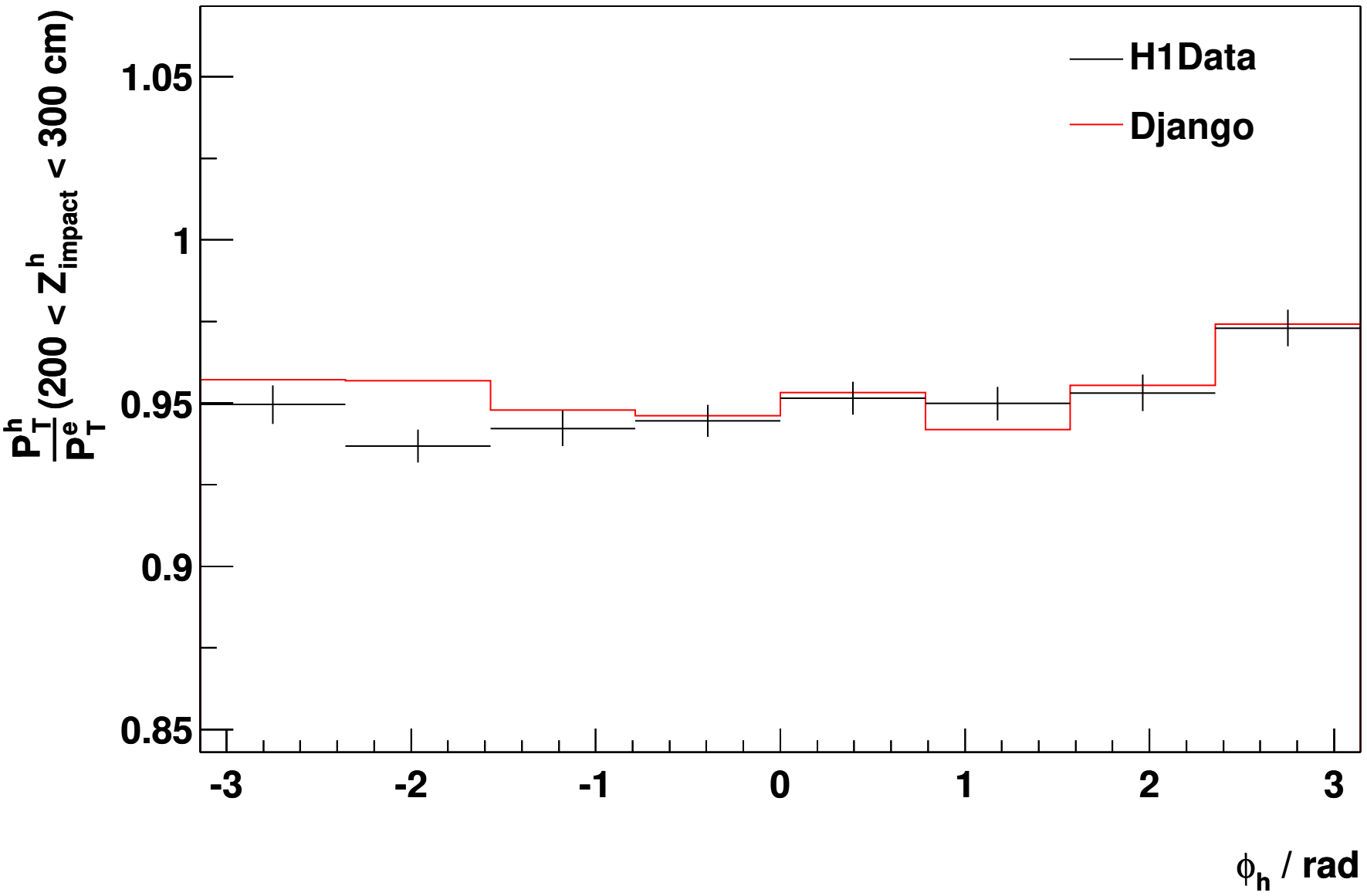

H1Data
Django
$\frac{P_T^h}{P_T^e}(Z_{impact}^h < -150\ cm)$
1.05
1
0.95
0.9
0.85
-3
-2
-1
0
1
2
3
ϕ_h / rad

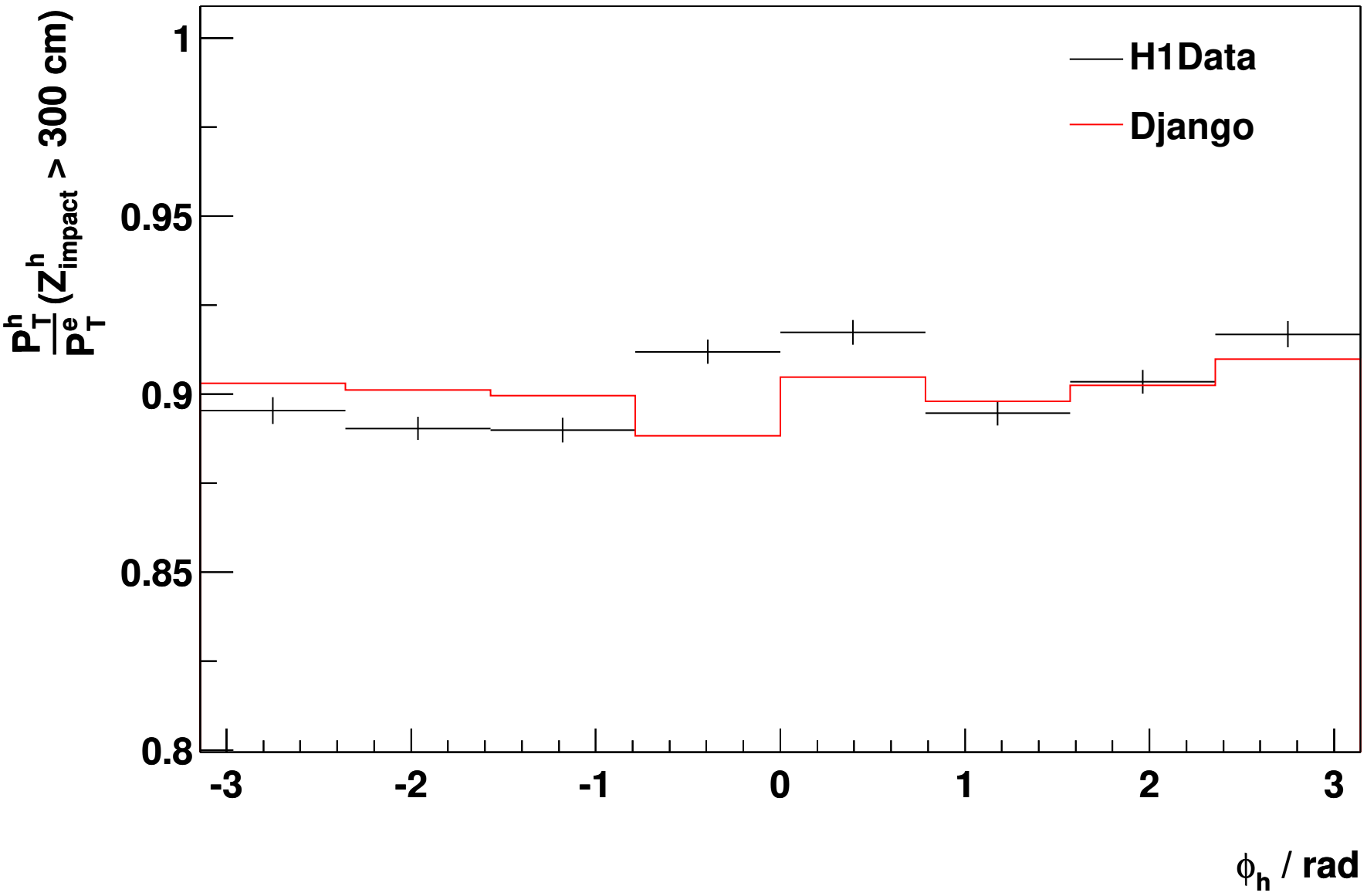

H1Data
Django
$\frac{P_T^h}{P_T^{fe}}$ (-150 < Z_{impact}^h < -60 cm)
1.1
1.05
1
0.95
0.9
-3
-2
-1
0
1
2
3
ϕ_h / rad

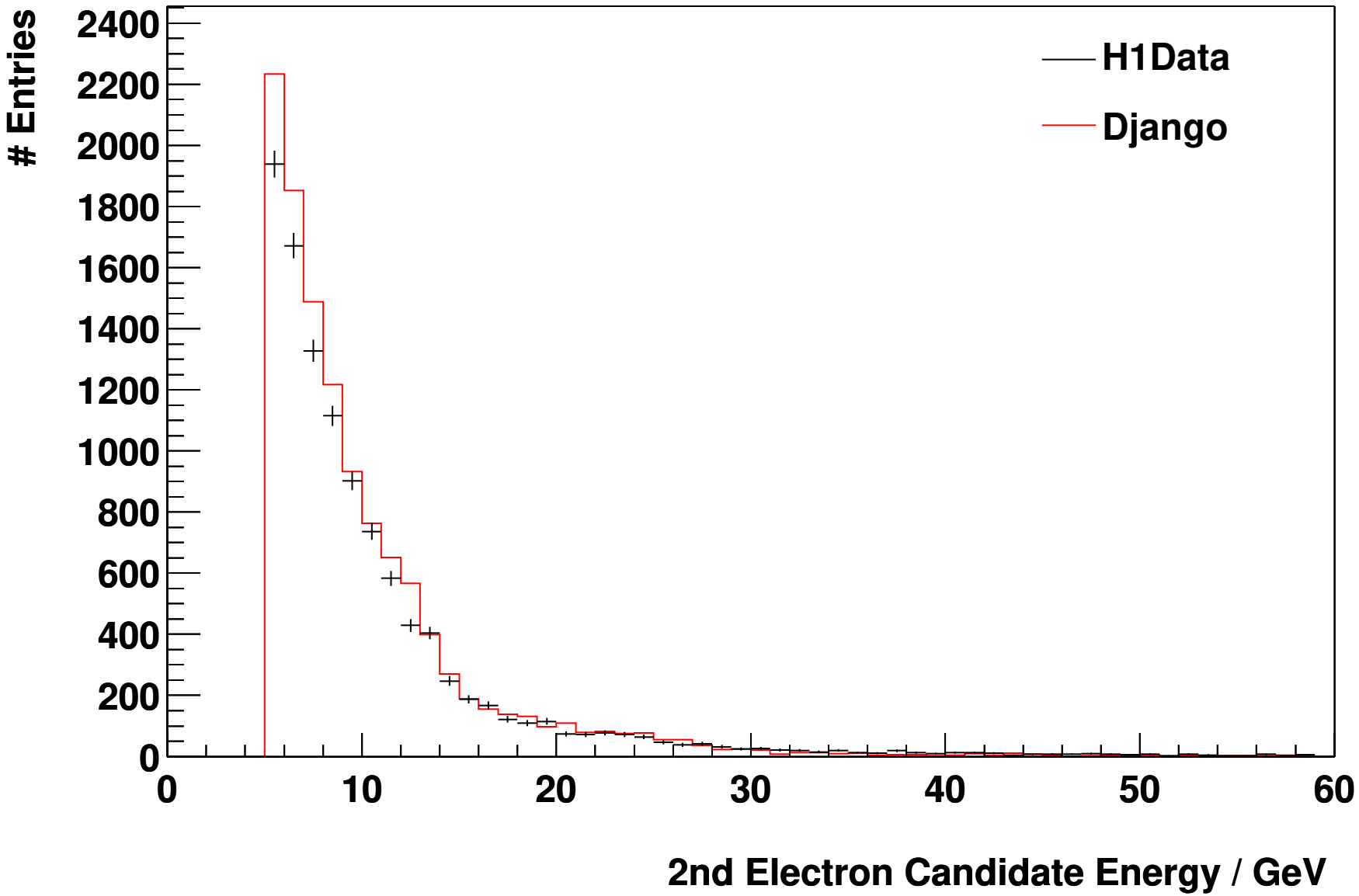

H1Data
Django
$\frac{P_T^h}{P_T^e}$ (-60 < Z_{impact}^h < 20 cm)
1.1
1.05
1
0.95
0.9
-3
-2
-1
0
1
2
3
ϕ_h / rad

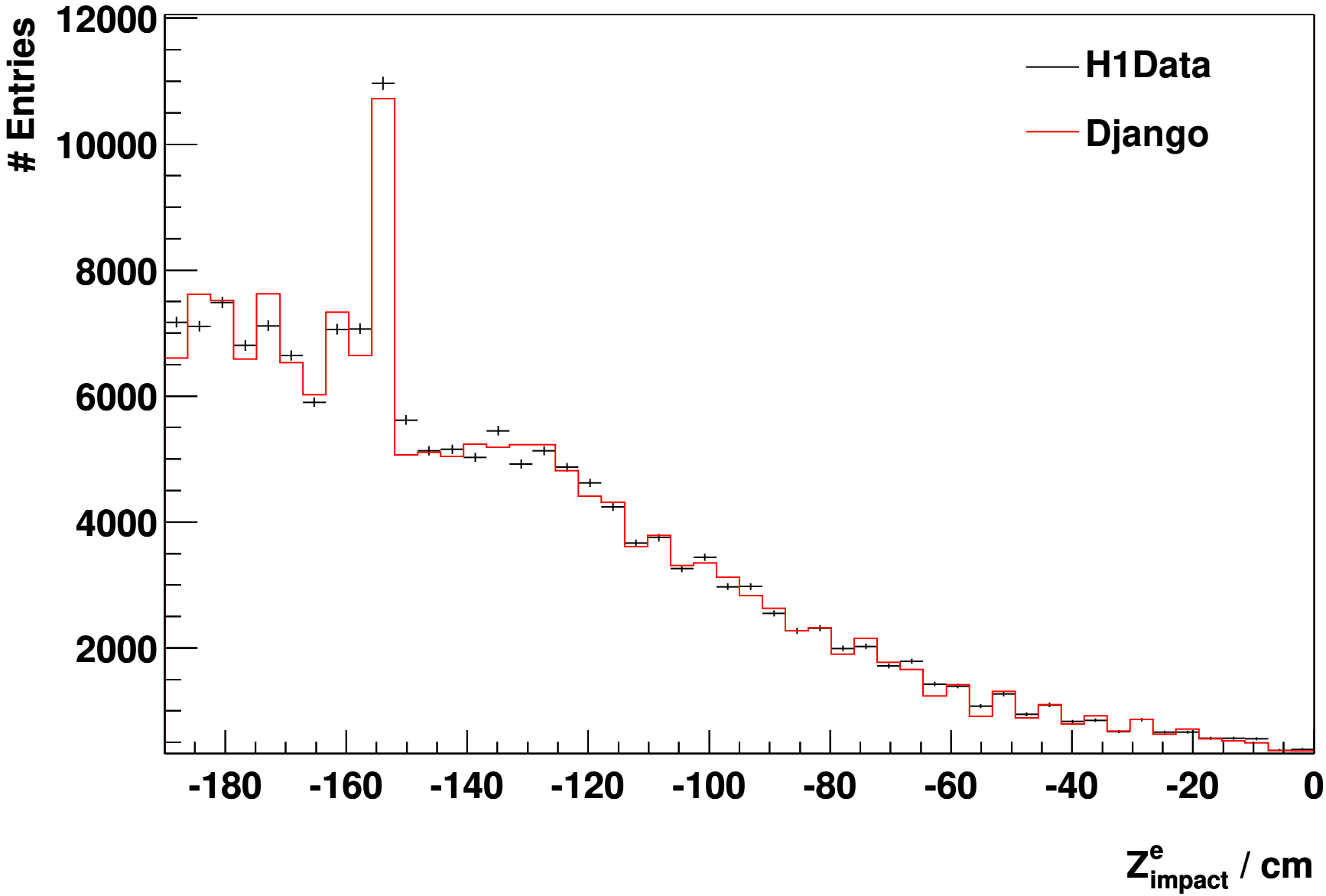

H1Data
Django
$\frac{P_T^h}{P_T^e}(20 < Z_{impact}^h < 100\ cm)$
1.1
1.05
1
0.95
0.9
-3
-2
-1
0
1
2
3
ϕ_h / rad

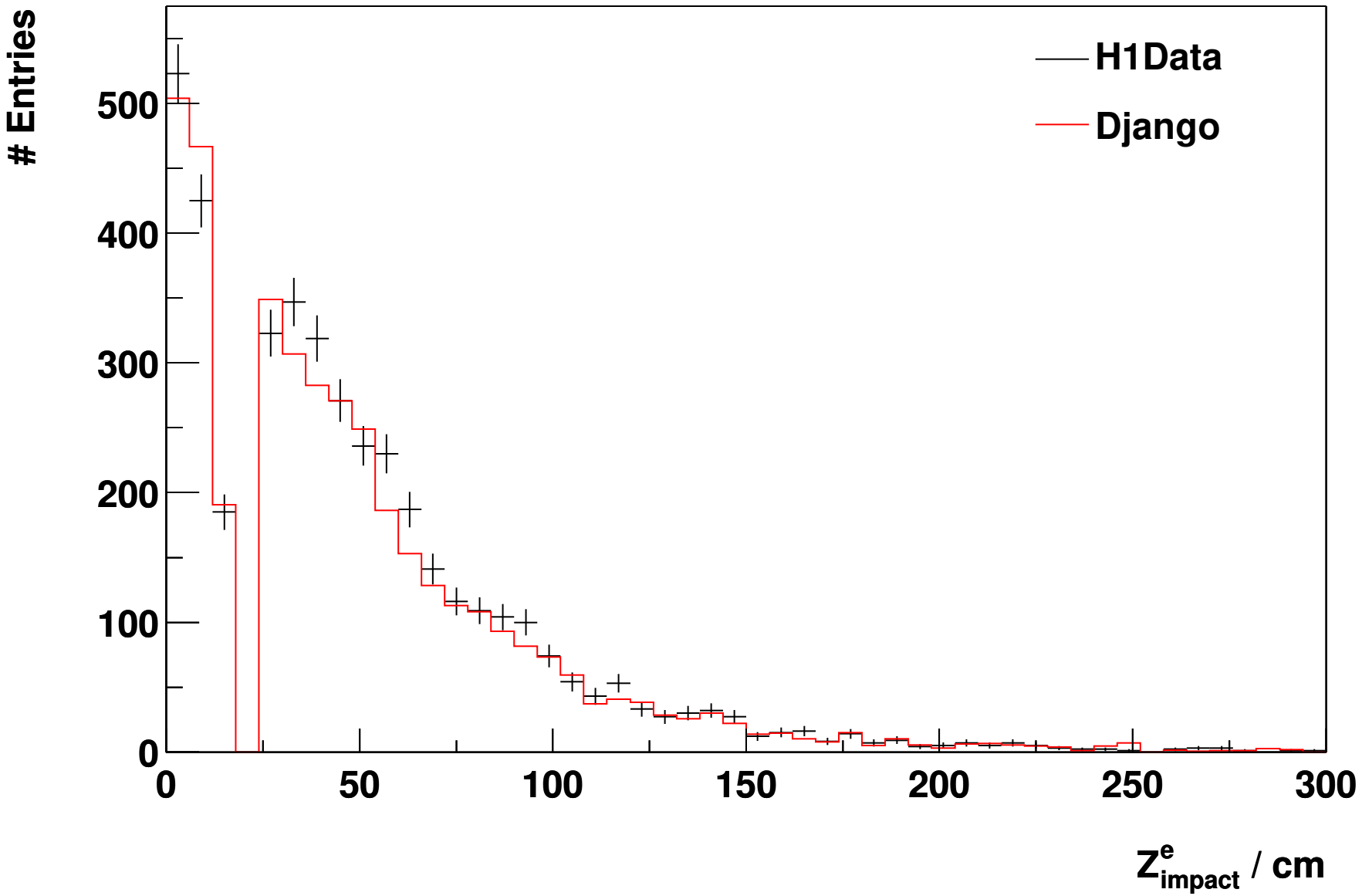

H1Data
Django
$\frac{P_T^h}{P_T^e}(100 < Z_{impact}^h < 200\ cm)$
1.1
1.05
1
0.95
0.9
-3
-2
-1
0
1
2
3
ϕ_h / rad

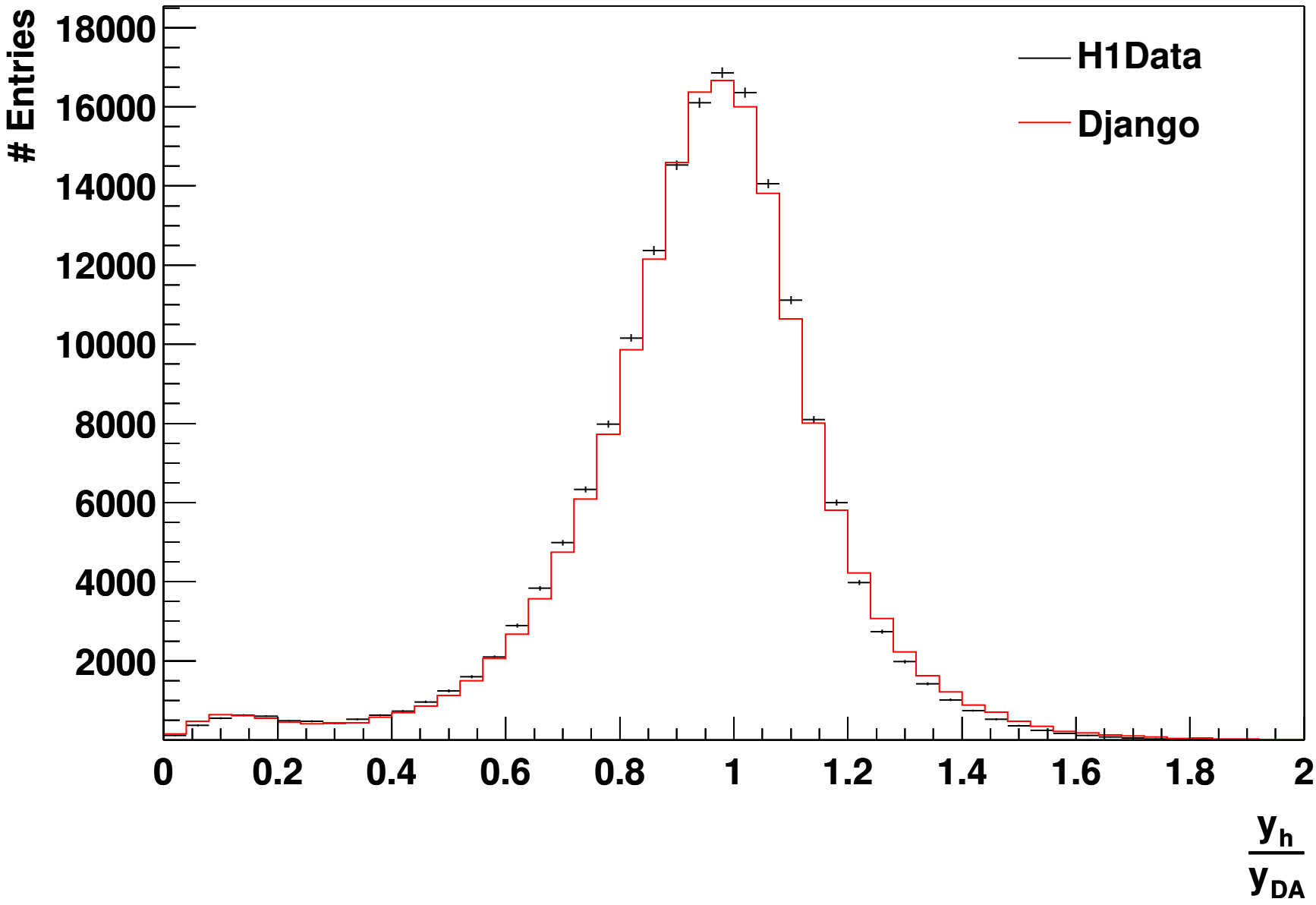

H1Data
Django
1.05
1
0.95
0.9
0.85
-3
-2
-1
0
1
2
3
$\frac{P_T^h}{P_T^e}(200 < Z_{impact}^h < 300\ cm)$
ϕ_h / rad

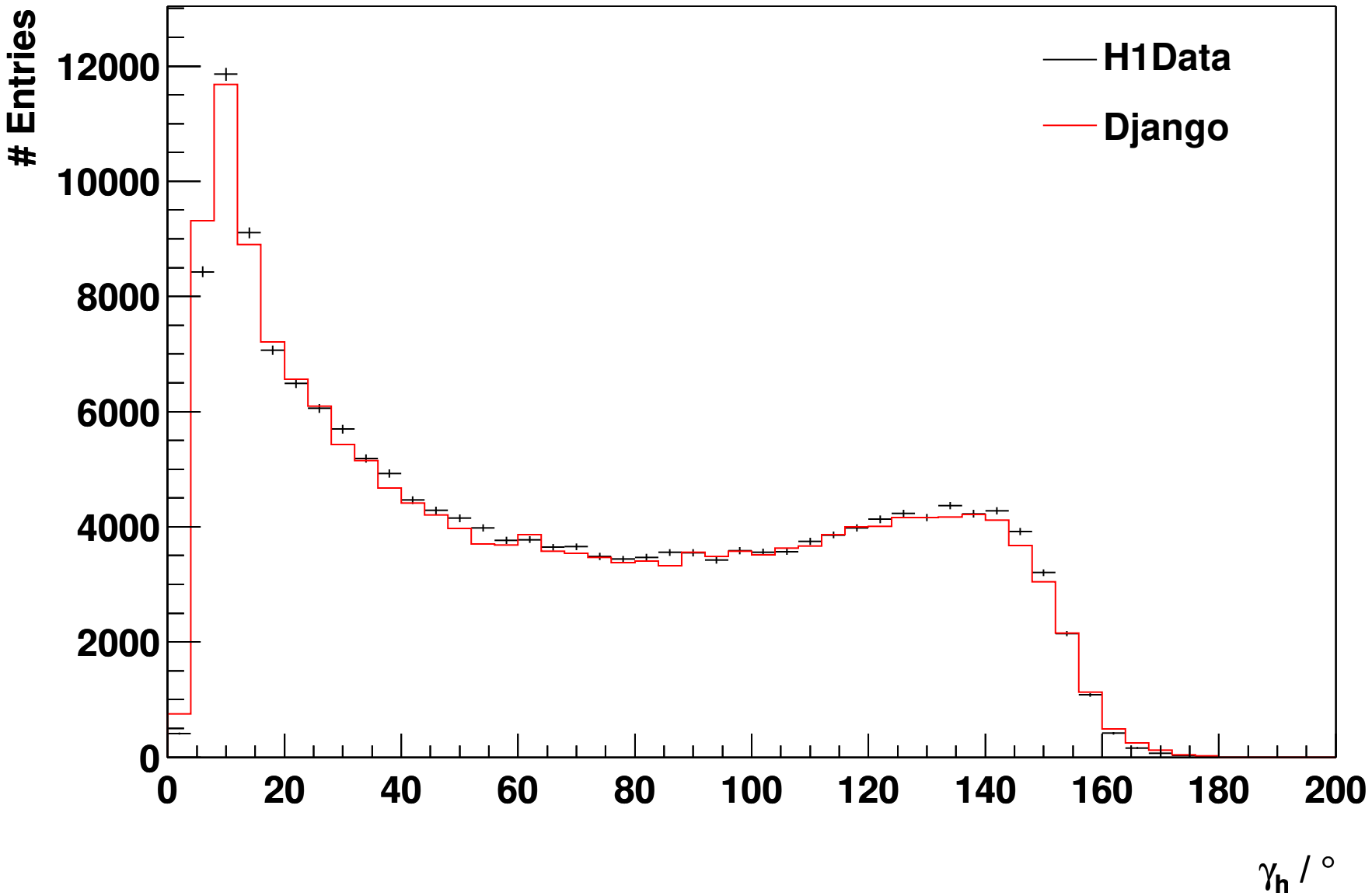

H1Data
Django
$\frac{P_T^h}{P_T^e}(Z_{impact}^h > 300\ cm)$
1
0.95
0.9
0.85
0.8
-3
-2
-1
0
1
2
3
ϕ_h / rad

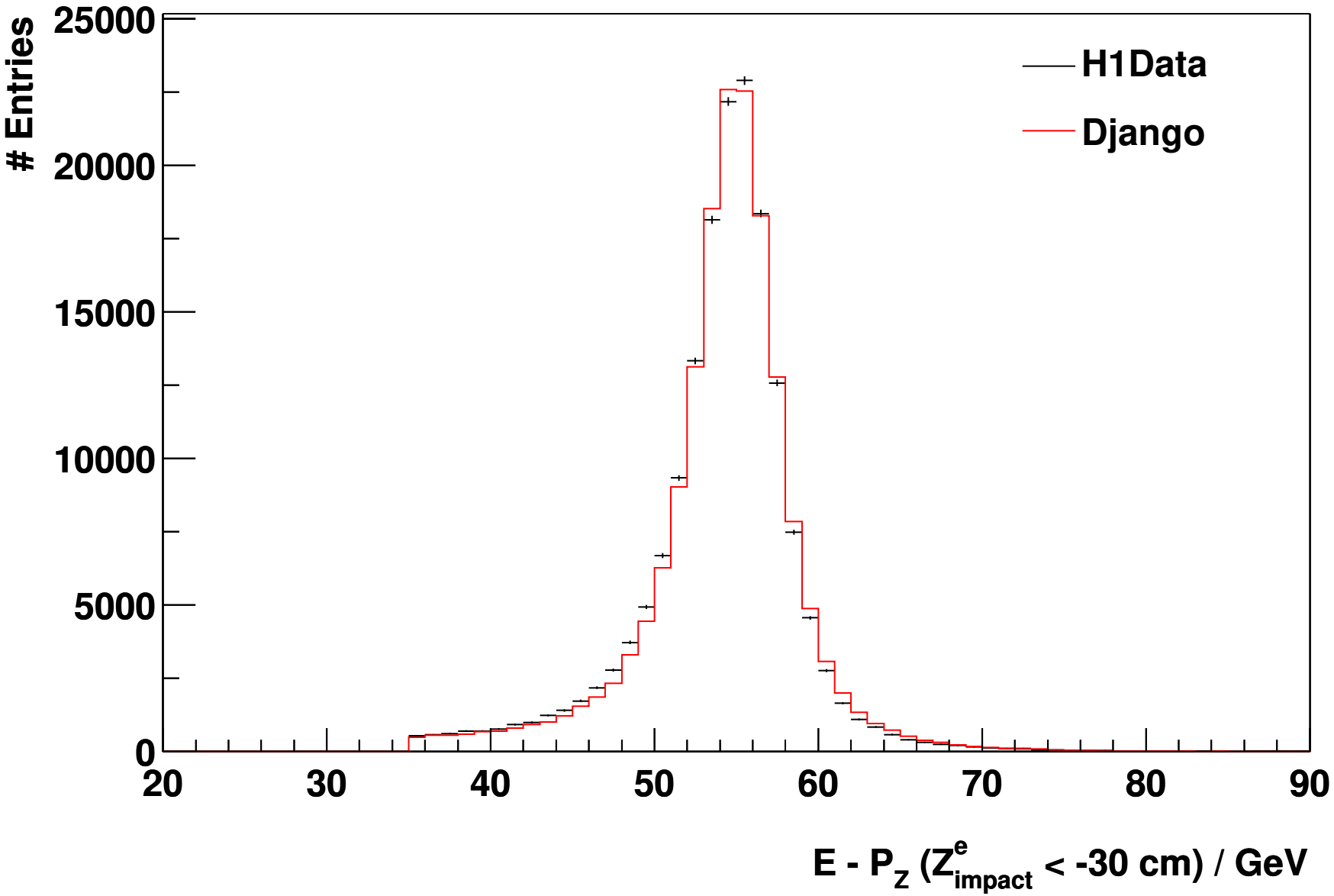

Entries
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
H1Data
Django
2nd Electron Candidate Energy / GeV

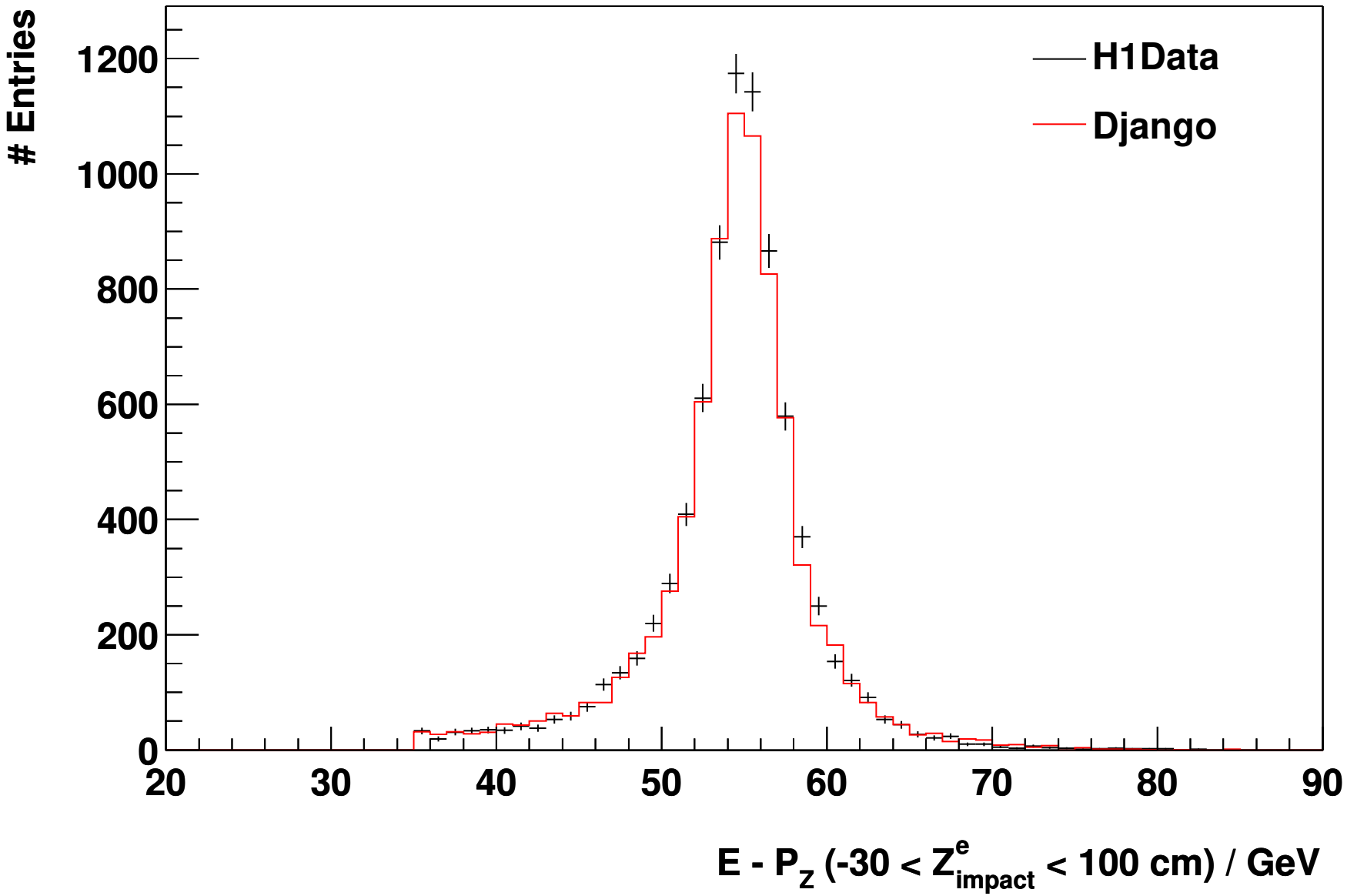

H1Data
Django
Entries
12000
10000
8000
6000
4000
2000
-180
-160
-140
-120
-100
-80
-60
-40
-20
0
Z^{e}_{impact} / cm

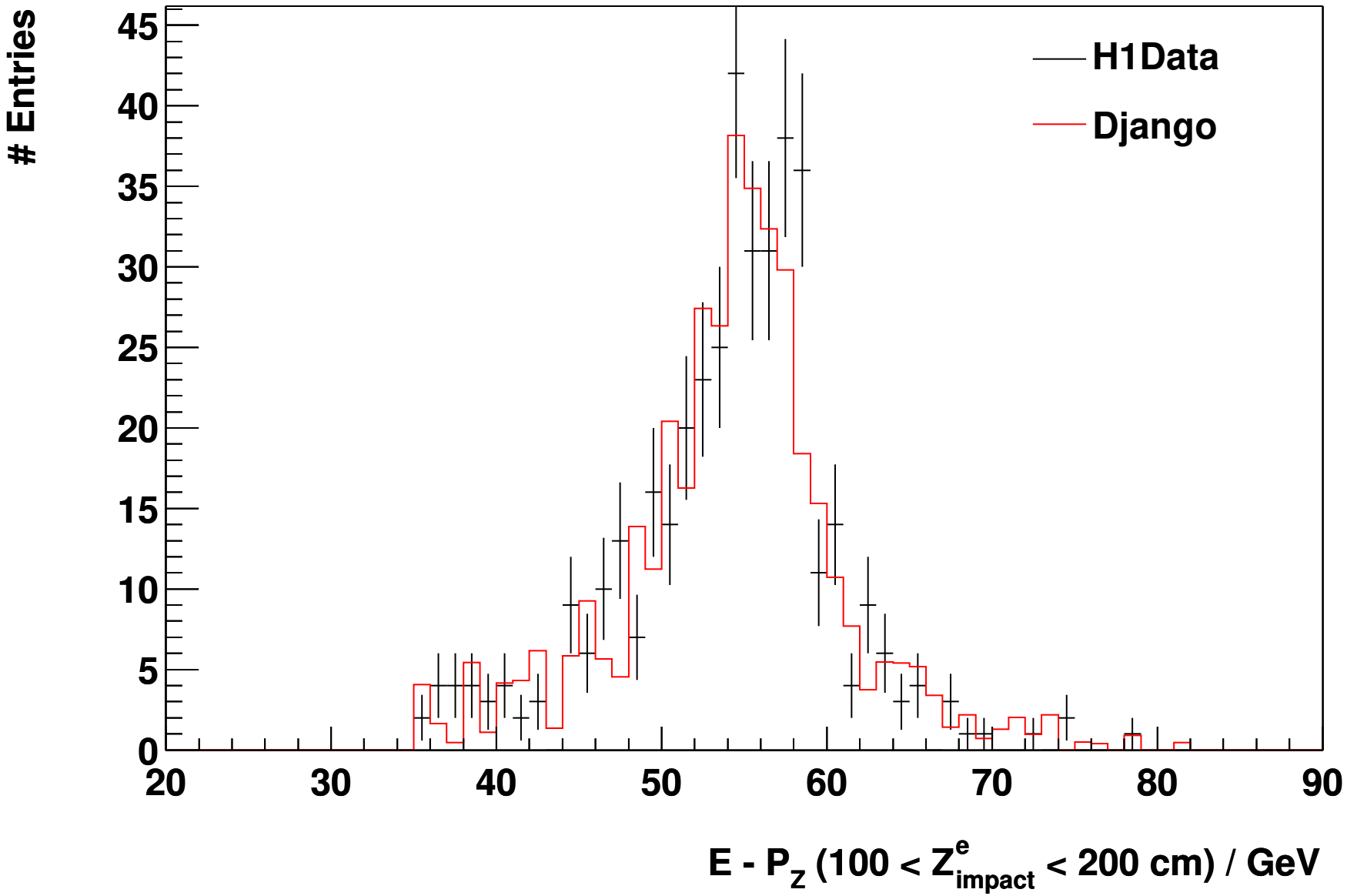

H1Data
Django
Entries
0
100
200
300
400
500
0
50
100
150
200
250
300
Z^{e}_{impact} / cm

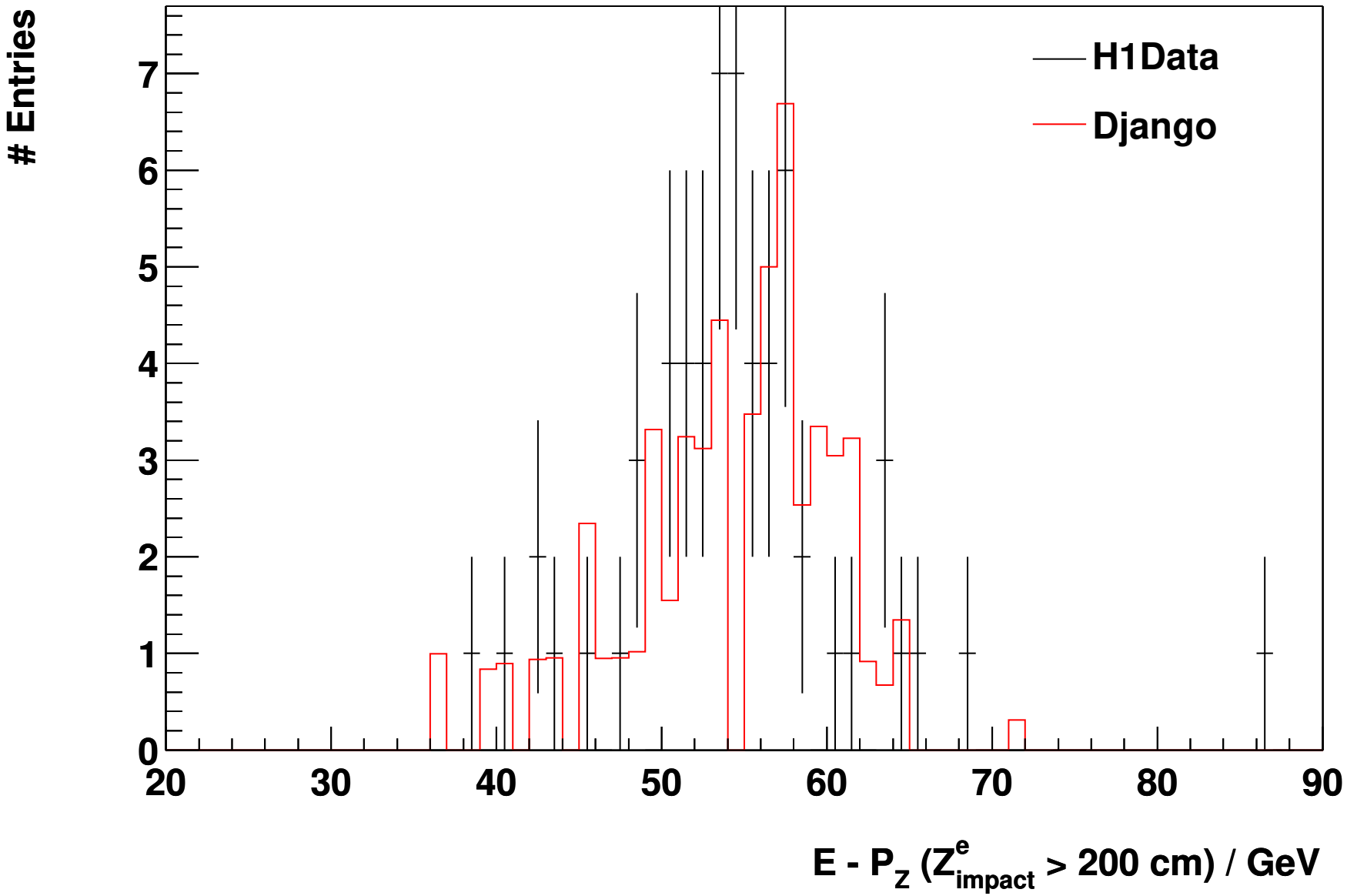

Entries
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
H1Data
Django
$\frac{y_h}{y_{DA}}$

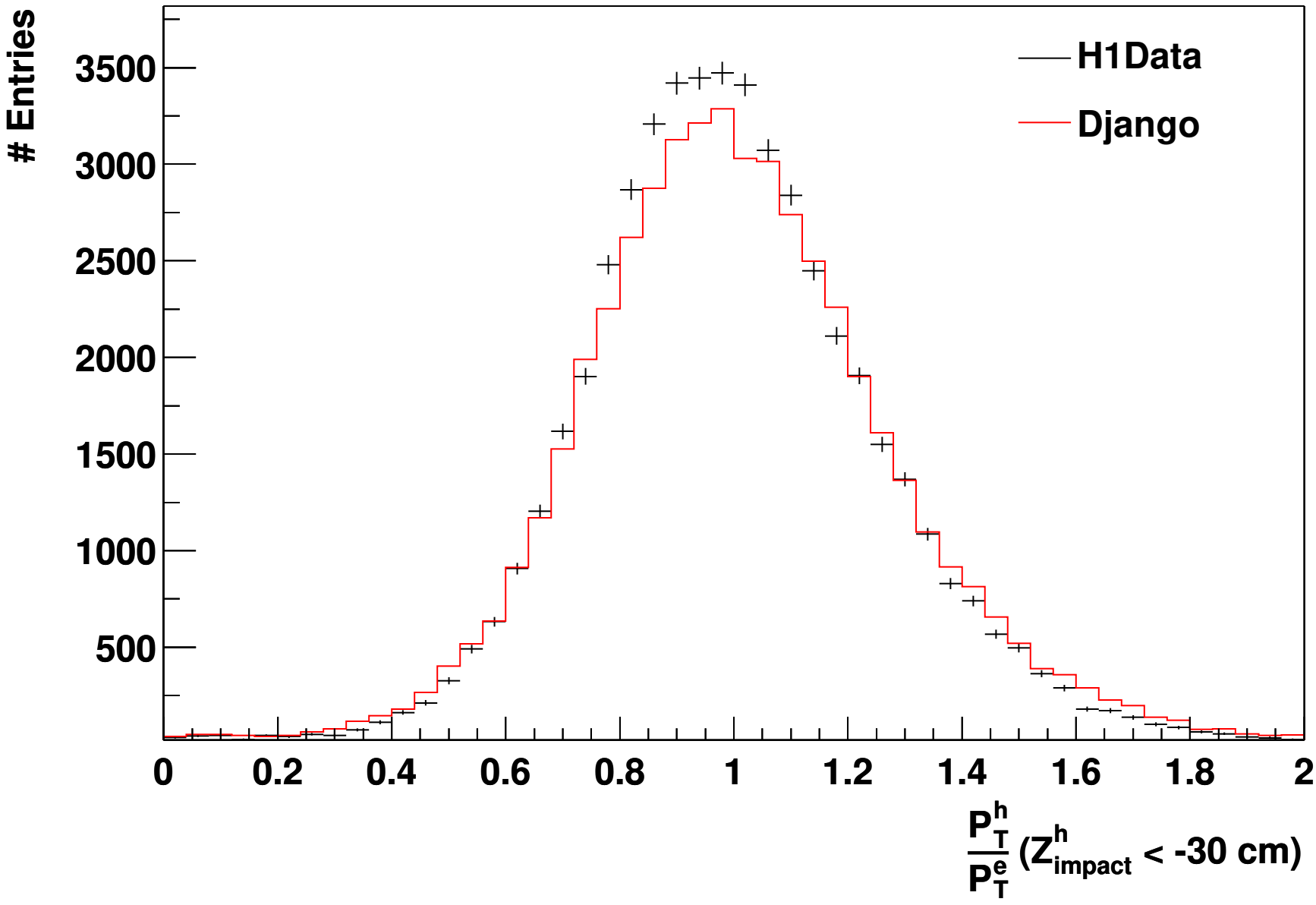

Entries
12000
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
120
140
160
180
200
H1Data
Django
γ_h / °

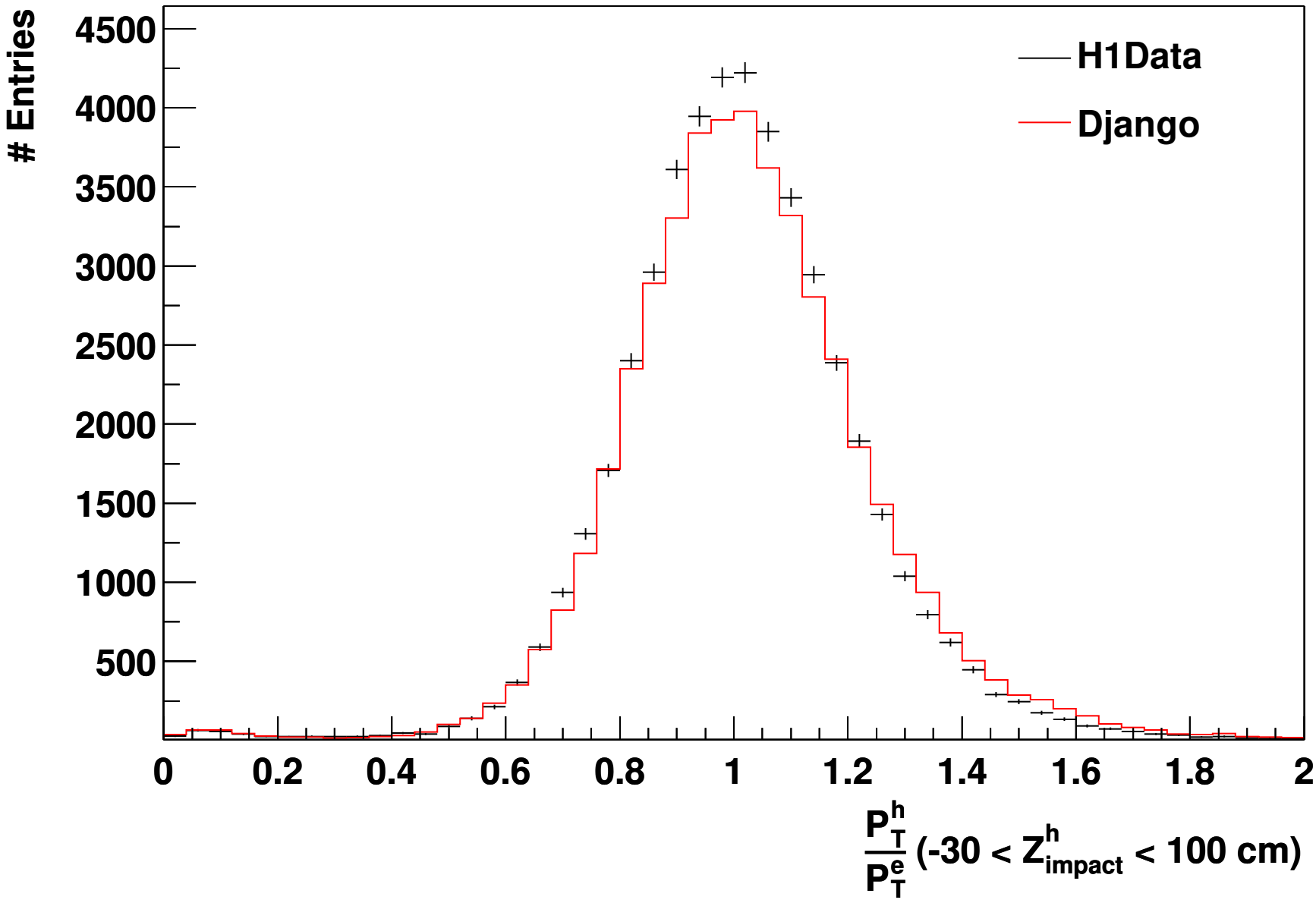

H1Data
Django
Entries
25000
20000
15000
10000
5000
0
20
30
40
50
60
70
80
90
E - P_Z (Z^e_impact < -30 cm) / GeV

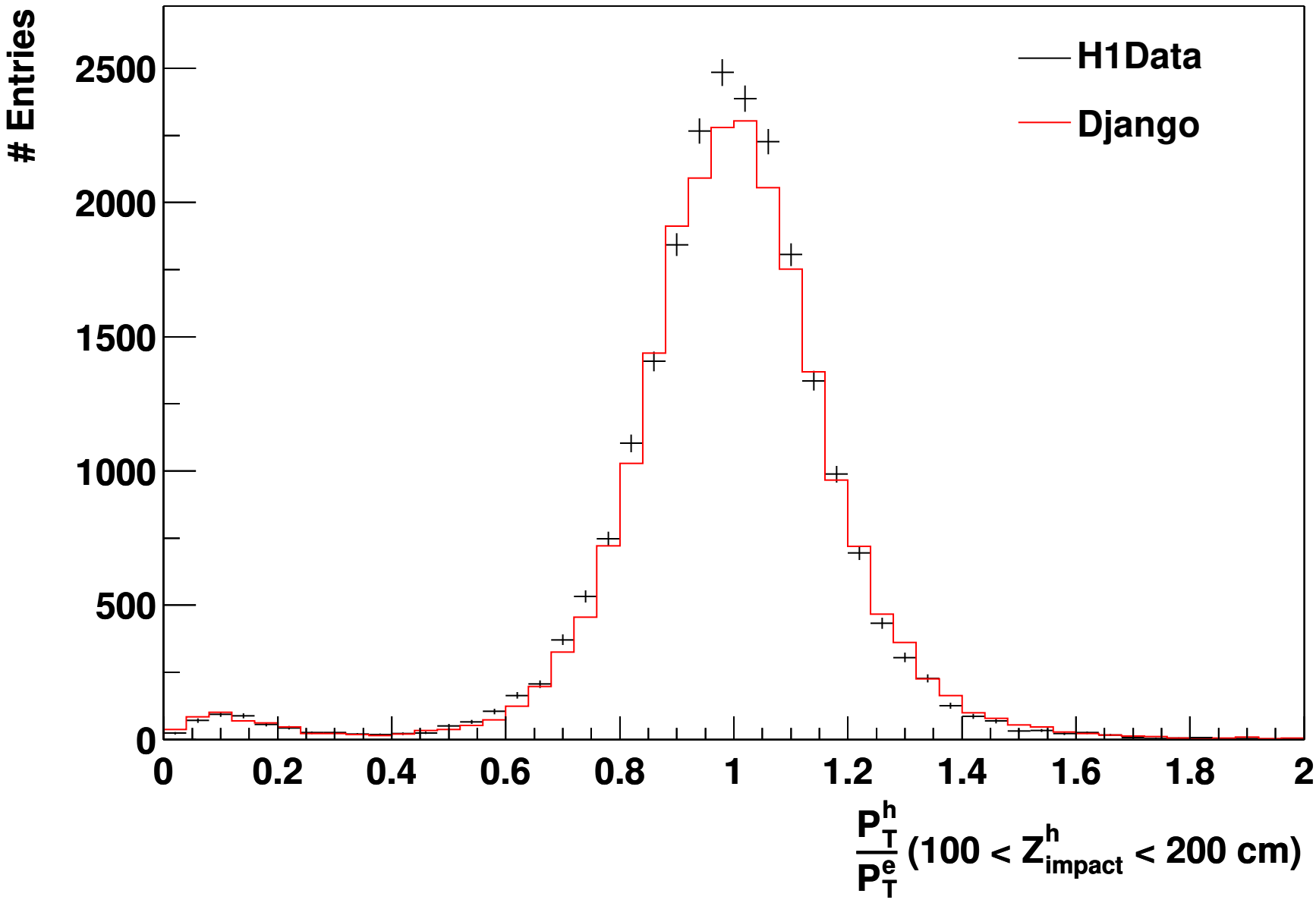

H1Data
Django
Entries
0
200
400
600
800
1000
1200
20
30
40
50
60
70
80
90
E - P_Z (-30 < Z^e_impact < 100 cm) / GeV

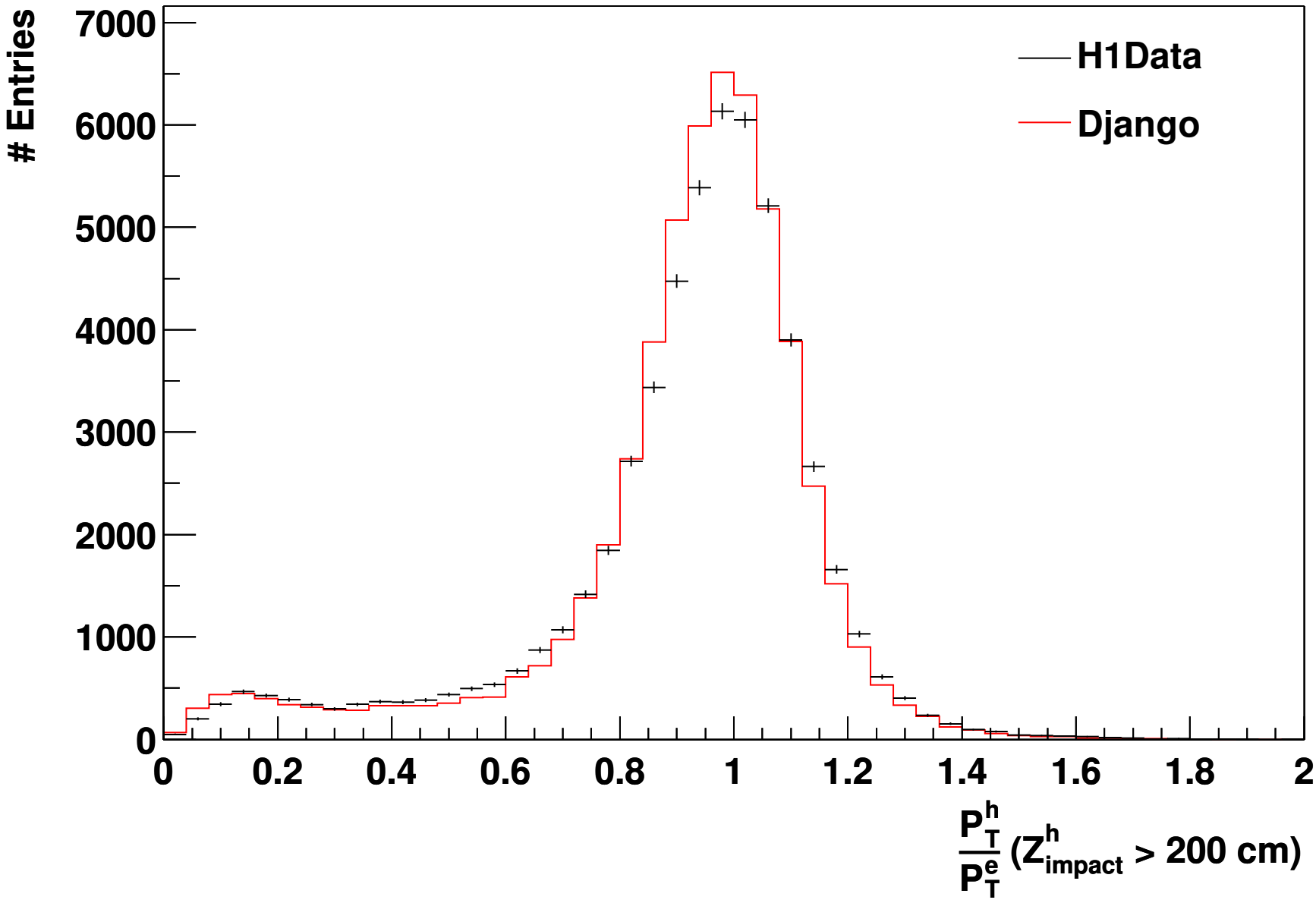

H1Data
Django
Entries
0
5
10
15
20
25
30
35
40
45
20
30
40
50
60
70
80
90
E - P_Z (100 < Z^e_impact < 200 cm) / GeV

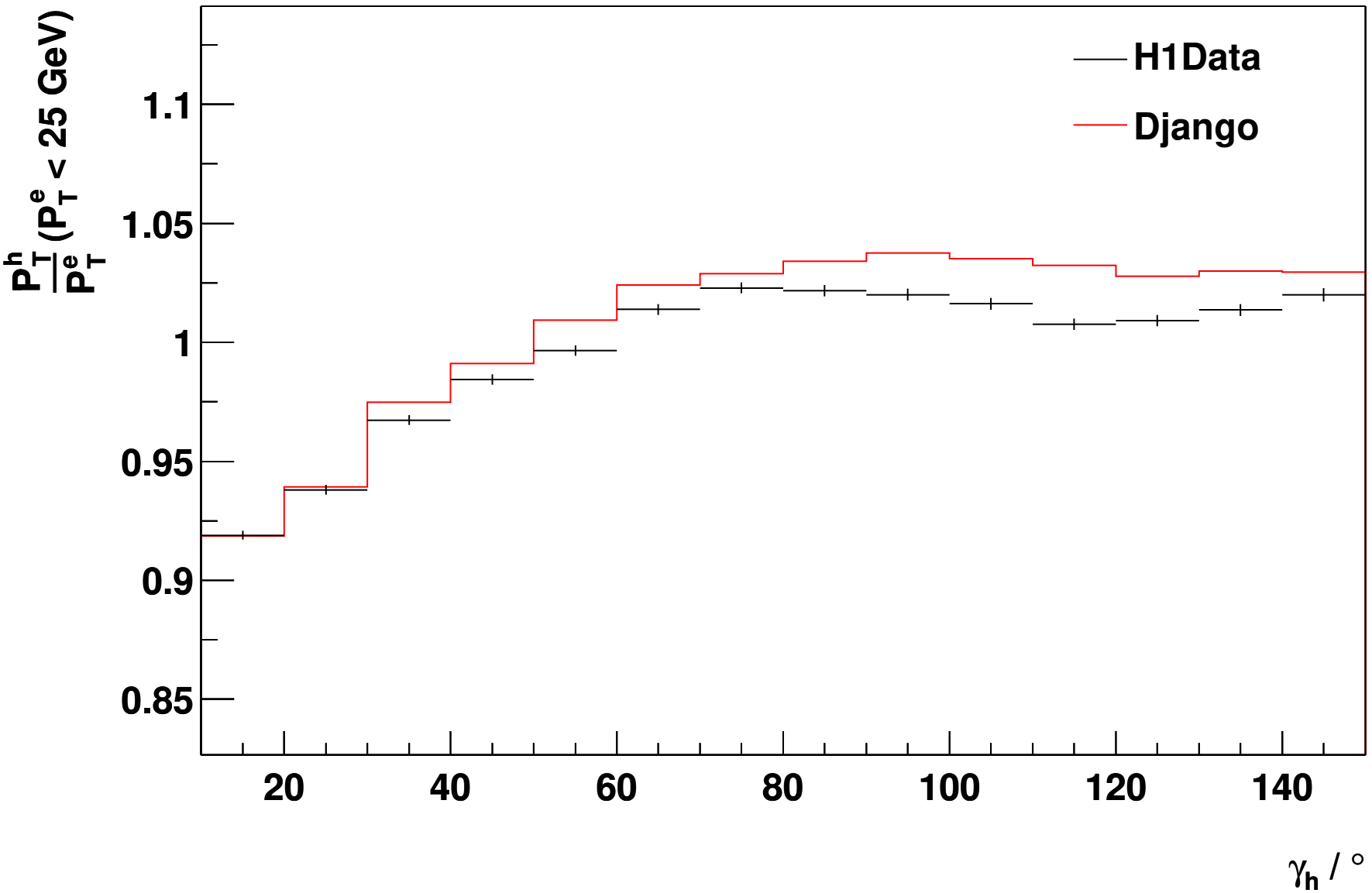

H1Data
Django
Entries
0
1
2
3
4
5
6
7
20
30
40
50
60
70
80
90
E - P_z (Z^e_impact > 200 cm) / GeV

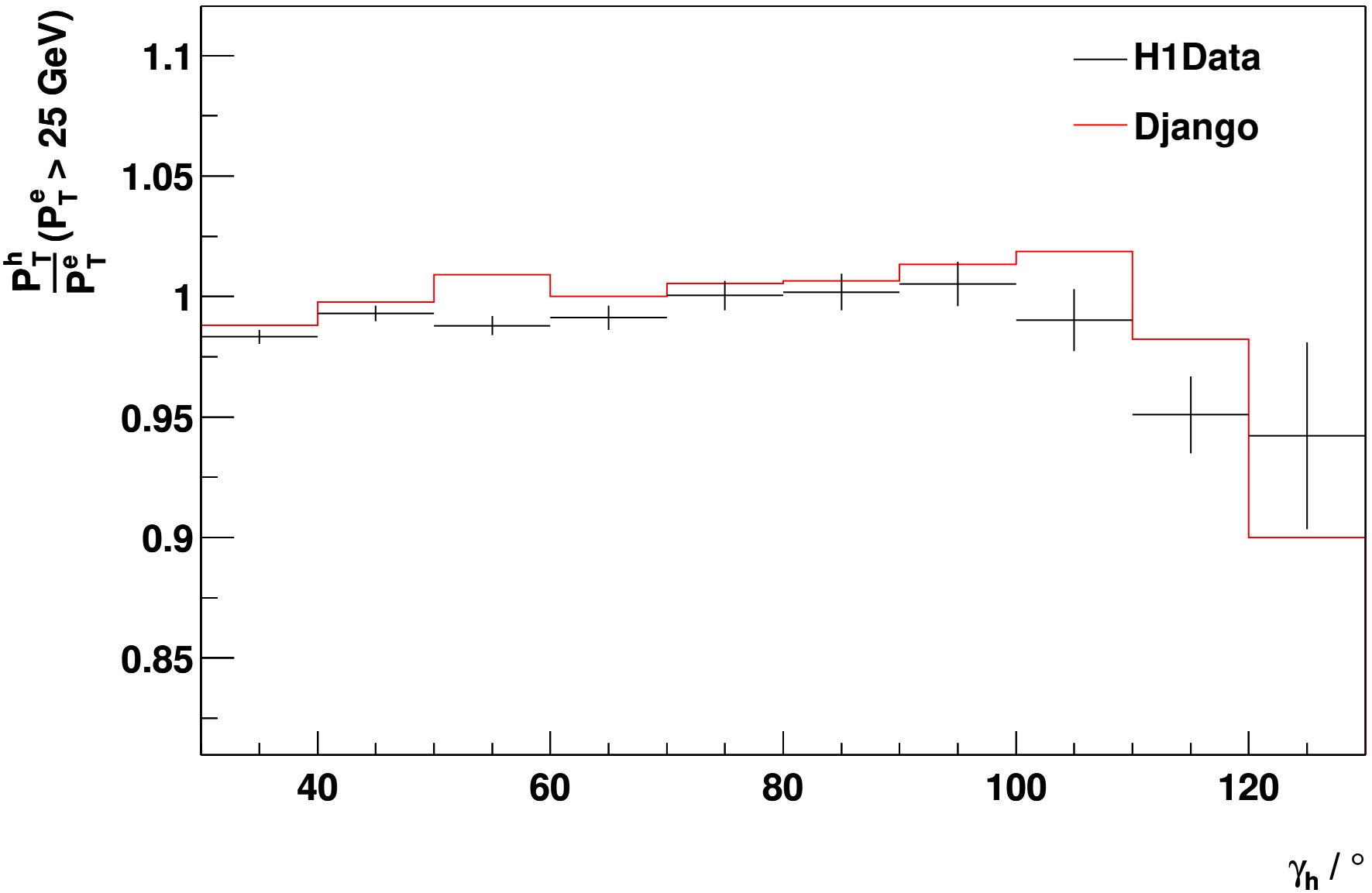

Entries
3500
3000
2500
2000
1500
1000
500
H1Data
Django
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
$\frac{P_T^h}{P_T^e}$ (Z_{impact}^h < -30 cm)

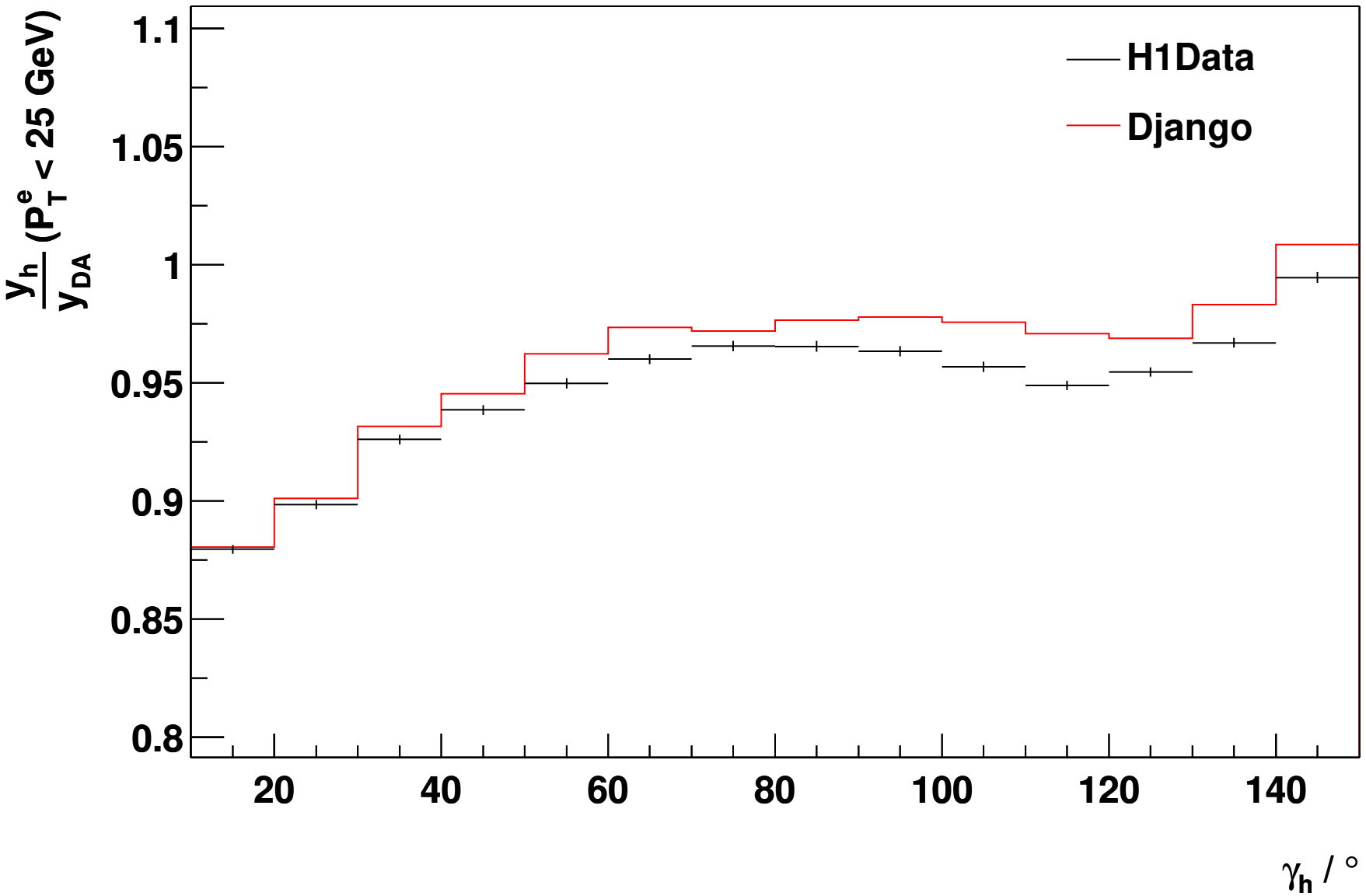

Entries
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
H1Data
Django
$\frac{P_T^h}{P_T^e}$ (-30 < Z^h_{impact} < 100 cm)

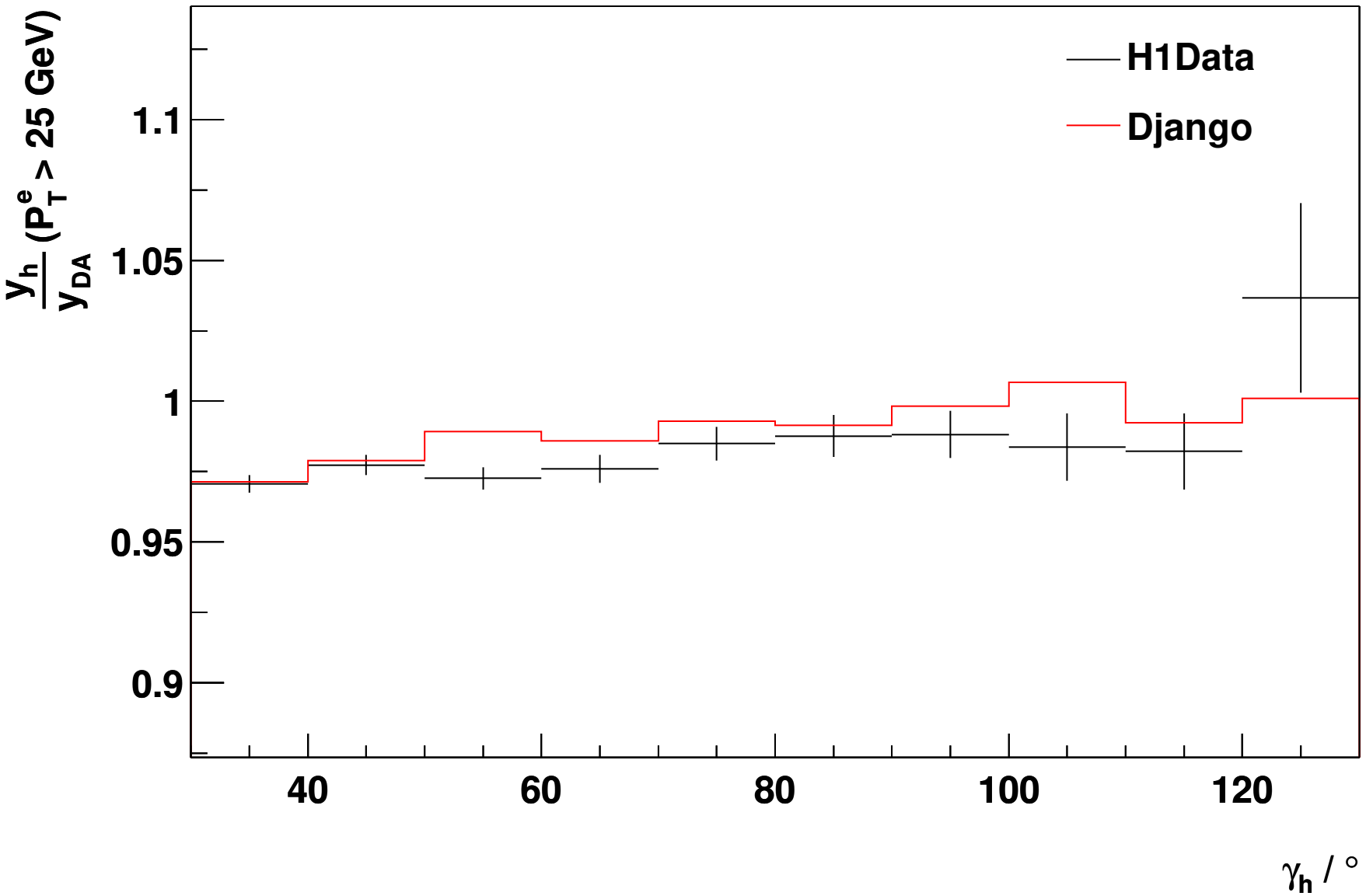

Entries
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
H1Data
Django
$\frac{P_T^h}{P_T^e}$ (100 < Z^h_{impact} < 200 cm)

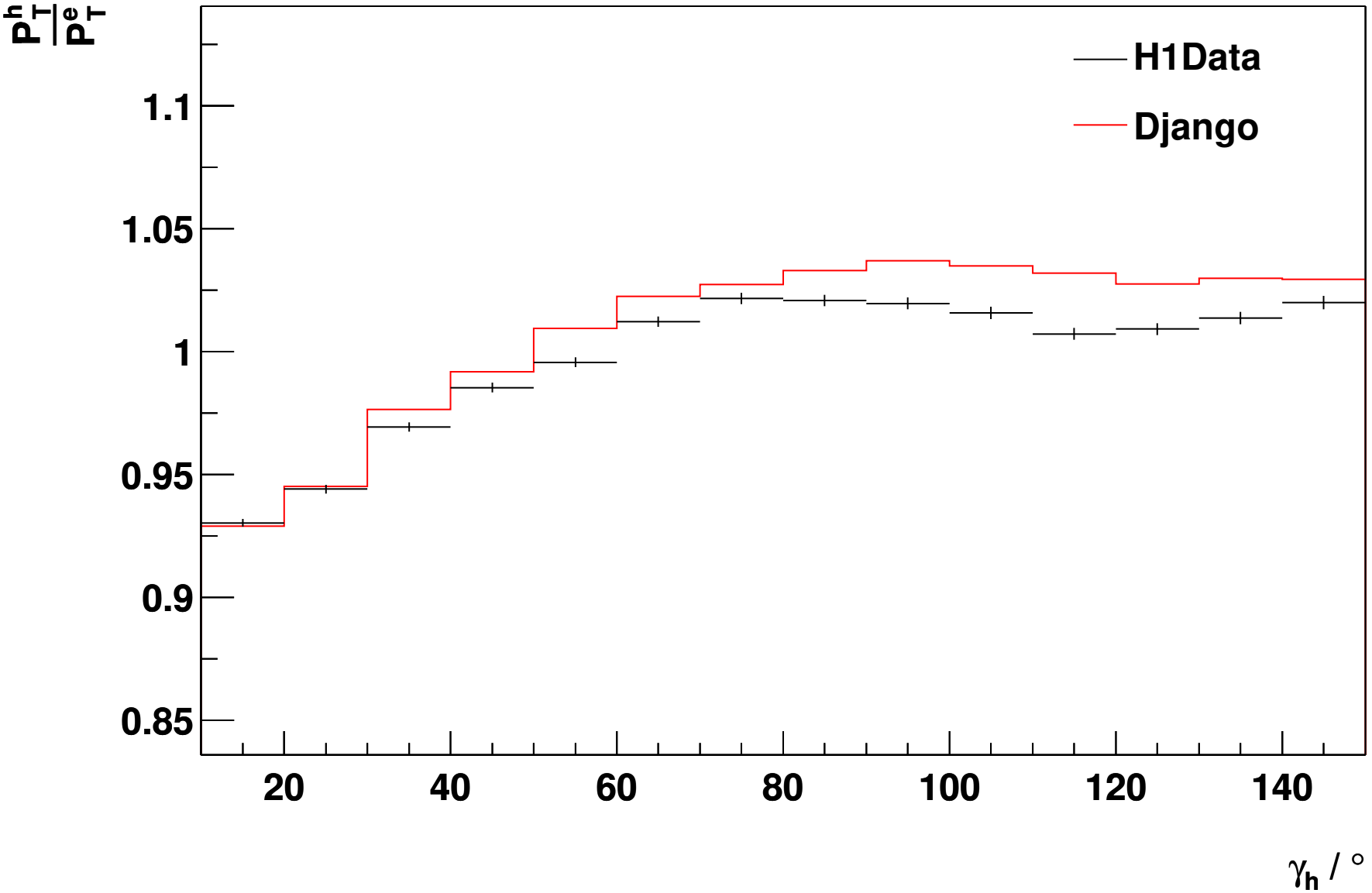

Entries
7000
6000
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
H1Data
Django
$\frac{P_T^h}{P_T^e}$ (Z_{impact}^h > 200 cm)

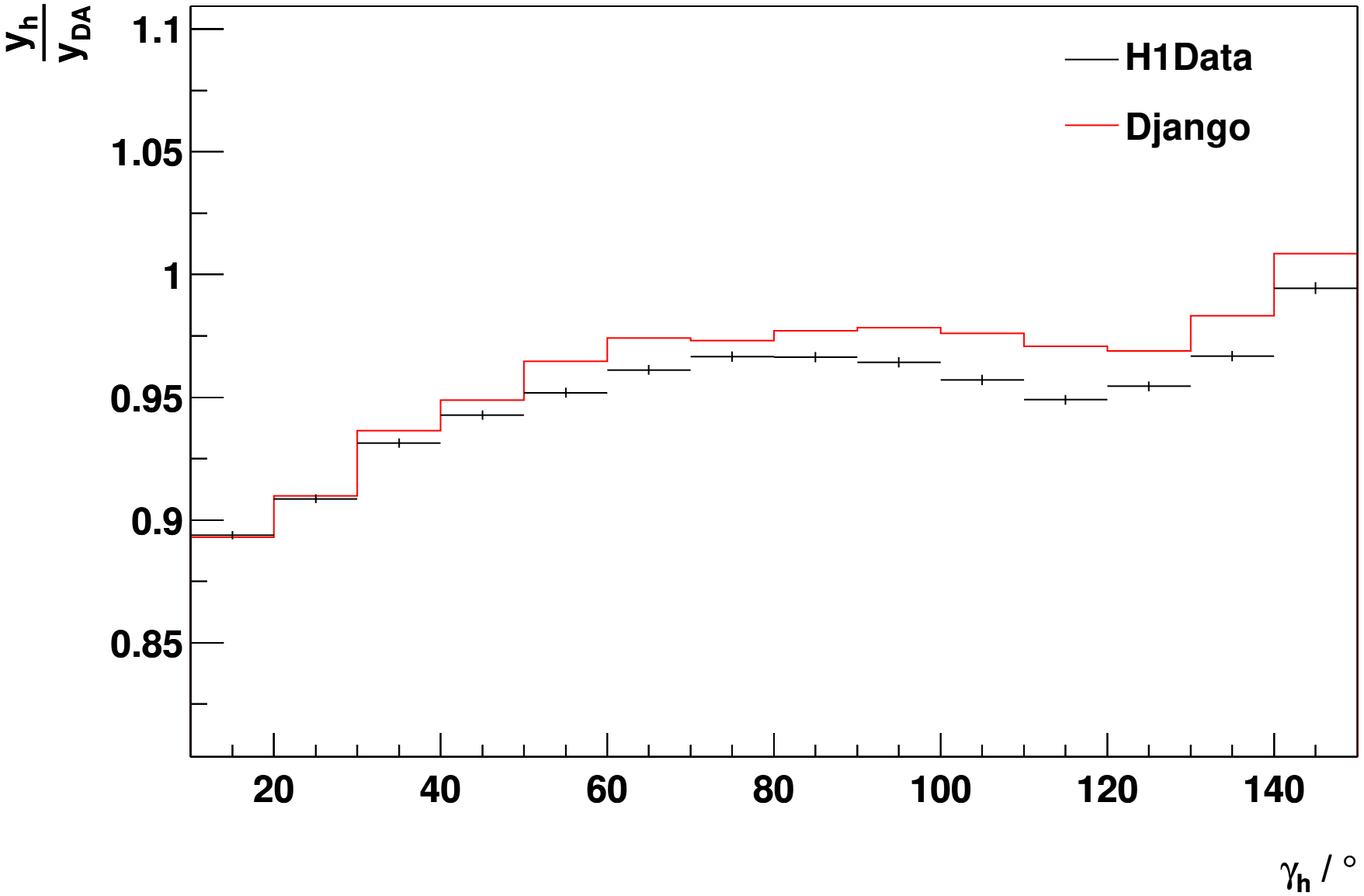

H1Data
Django
$\frac{P_T^h}{P_T^e}$ (P_T^e < 25 GeV)
1.1
1.05
1
0.95
0.9
0.85
20
40
60
80
100
120
140
γ_h / °


$\frac{P_T^h}{P_T^e}$ (P_T^e > 25 GeV)
1.1
1.05
1
0.95
0.9
0.85
40
60
80
100
120
γ_h / °
H1Data
Django


H1Data
Django
$\frac{y_h}{y_{DA}}$ (P_T^e < 25 GeV)
1.1
1.05
1
0.95
0.9
0.85
0.8
20
40
60
80
100
120
140
γ_h / °


H1Data
Django
$\frac{y_h}{y_{DA}}$ (P_T^e > 25 GeV)
1.1
1.05
1
0.95
0.9
40
60
80
100
120
γ_h / °


P_T^h / P_T^e
H1Data
Django
1.1
1.05
1
0.95
0.9
0.85
20
40
60
80
100
120
140
γ_h / °


$\frac{y_h}{y_{DA}}$
1.1
1.05
1
0.95
0.9
0.85
H1Data
Django
20
40
60
80
100
120
140
γ_h / °