EEMC Run=7136033 Event=104381 Sector=6
hU
Entries 288
Mean 91.24
RMS 7.766
0.03
0.025
0.02
0.015
0.01
0.005
0
70
75
80
85
90
95
100
105

EEMC Run=7136033 Event=104381 Sector=6
hV
Entries 288
Mean 116.5
RMS 19.91
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150

EEMC Run=7136033 Event=107913 Sector=4
hU
Entries 288
Mean 129.9
RMS 21.07
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170

EEMC Run=7136033 Event=107913 Sector=4
hV
Entries 288
Mean 199.8
RMS 19.51
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200
210
220
230

EEMC Run=7136033 Event=110974 Sector=10
hU
Entries 288
Mean 162.7
RMS 4.05
0.012
0.01
0.008
0.006
0.004
0.002
0
145
150
155
160
165
170
175
180

EEMC Run=7136033 Event=110974 Sector=10
hV
Entries 288
Mean 158.3
RMS 27.29
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136033 Event=179093 Sector=2
hU
Entries 288
Mean 226.3
RMS 22.87
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180 190 200 210 220 230 240 250 260

EEMC Run=7136033 Event=179093 Sector=2
hV
Entries 288
Mean 107.5
RMS 11.48
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130

EEMC Run=7136033 Event=179151 Sector=2
hU
Entries 288
Mean 70.91
RMS 12.97
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90

EEMC Run=7136033 Event=179151 Sector=2
hV
Entries 288
Mean 28.48
RMS 9.036
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
10
20
30
40
50

EEMC Run=7136033 Event=27119 Sector=3
hU
Entries 288
Mean 126.7
RMS 10.03
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150

EEMC Run=7136033 Event=27119 Sector=3
hV
Entries 288
Mean 210.7
RMS 26.64
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200
210
220
230
240

EEMC Run=7136033 Event=314681 Sector=1
hU
Entries 288
Mean 146.9
RMS 25.17
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100 110 120 130 140 150 160 170 180

EEMC Run=7136033 Event=314681 Sector=1
hV
Entries 288
Mean 112.8
RMS 10.5
0.025
0.02
0.015
0.01
0.005
0
90 100 110 120 130 140

EEMC Run=7136033 Event=319291 Sector=2
hU
Entries 288
Mean 154.8
RMS 17.45
0.05
0.04
0.03
0.02
0.01
0
110
120
130
140
150
160
170
180

EEMC Run=7136033 Event=319291 Sector=2
hV
Entries 288
Mean 80.63
RMS 11.35
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120

EEMC Run=7136033 Event=321483 Sector=7
hU
Entries 288
Mean 137.2
RMS 16.74
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160

EEMC Run=7136033 Event=321483 Sector=7
hV
Entries 288
Mean 82.82
RMS 19.19
0.03
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130

EEMC Run=7136033 Event=29074 Sector=7
hU
Entries 288
Mean 140.3
RMS 31.34
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7136033 Event=29074 Sector=7
hV
Entries 288
Mean 174.1
RMS 11.24
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140 150 160 170 180 190 200

EEMC Run=7136033 Event=156539 Sector=10
hU
Entries 288
Mean 121.5
RMS 4.884
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140

EEMC Run=7136033 Event=156539 Sector=10
hV
Entries 288
Mean 237.5
RMS 22.42
0.025
0.02
0.015
0.01
0.005
0
160
180
200
220
240
260

EEMC Run=7136033 Event=33489 Sector=3
hU
Entries 288
Mean 100.7
RMS 9.911
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120

EEMC Run=7136033 Event=33489 Sector=3
hV
Entries 288
Mean 57.19
RMS 19.04
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
10
20
30
40
50
60
70
80

EEMC Run=7136033 Event=275308 Sector=5
hU
Entries 288
Mean 161.3
RMS 4.909
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
145
150
155
160
165
170
175
180

EEMC Run=7136033 Event=275308 Sector=5
hV
Entries 288
Mean 148.1
RMS 29.28
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
100
120
140
160
180

EEMC Run=7136033 Event=285566 Sector=2
hU
Entries 288
Mean 170.8
RMS 18.25
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
150
160
170
180
190
200
210

EEMC Run=7136033 Event=285566 Sector=2
hV
Entries 288
Mean 157
RMS 28.72
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136033 Event=152 Sector=2
hU
Entries 288
Mean 70.88
RMS 11
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90

EEMC Run=7136033 Event=152 Sector=2
hV
Entries 288
Mean 77.36
RMS 18.52
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110

EEMC Run=7136033 Event=14988 Sector=9
hU
Entries 288
Mean 68.91
RMS 4.702
0.025
0.02
0.015
0.01
0.005
0
45 50 55 60 65 70 75 80 85 90

EEMC Run=7136033 Event=14988 Sector=9
hV
Entries 288
Mean 90.01
RMS 8.958
0.012
0.01
0.008
0.006
0.004
0.002
0
70 80 90 100 110 120 130

EEMC Run=7136033 Event=16712 Sector=11
hU
Entries 288
Mean 102.9
RMS 17.31
0.002
0.001
0
70
80
90
100
110
120
130

EEMC Run=7136033 Event=16712 Sector=11
hV
Entries 288
Mean 180.7
RMS 27.65
0.01
0.008
0.006
0.004
0.002
0
160
180
200
220
240

EEMC Run=7136033 Event=66411 Sector=2
hU
Entries 288
Mean 122.9
RMS 22.81
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100 110 120 130 140 150 160 170 180

EEMC Run=7136033 Event=66411 Sector=2
hV
Entries 288
Mean 163.2
RMS 22.43
0.025
0.02
0.015
0.01
0.005
0
140 160 180 200 220

EEMC Run=7136033 Event=79733 Sector=6
hU
Entries 288
Mean 89.28
RMS 9.765
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
65
70
75
80
85
90
95
100
105

EEMC Run=7136033 Event=79733 Sector=6
hV
Entries 288
Mean 167.8
RMS 18.51
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136033 Event=116929 Sector=8
hU
Entries 288
Mean 167.1
RMS 10.88
0.012
0.01
0.008
0.006
0.004
0.002
0
140
150
160
170
180
190

EEMC Run=7136033 Event=116929 Sector=8
hV
Entries 288
Mean 145.1
RMS 33.62
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7136033 Event=124745 Sector=1
hU
Entries 288
Mean 108.5
RMS 14
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150

EEMC Run=7136033 Event=124745 Sector=1
hV
Entries 288
Mean 94.86
RMS 18.48
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110
120

EEMC Run=7136033 Event=137225 Sector=10
hU
Entries 288
Mean 15.87
RMS 7.975
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0
10
20
30
40
50

EEMC Run=7136033 Event=137225 Sector=10
hV
Entries 288
Mean 61.76
RMS 5.471
0.025
0.02
0.015
0.01
0.005
0
45
50
55
60
65
70
75
80
85

EEMC Run=7136033 Event=203855 Sector=4
hU
Entries 288
Mean 63.66
RMS 18.94
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90
100

EEMC Run=7136033 Event=203855 Sector=4
hV
Entries 288
Mean 125.6
RMS 2.964
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
105
110
115
120
125
130
135
140
145

EEMC Run=7136033 Event=213552 Sector=2
hU
Entries 288
Mean 219.2
RMS 17.39
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250

EEMC Run=7136033 Event=213552 Sector=2
hV
Entries 288
Mean 139.6
RMS 13.42
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160
170

EEMC Run=7136033 Event=229120 Sector=2
hU
Entries 288
Mean 97.42
RMS 14.61
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130
140
150

EEMC Run=7136033 Event=229120 Sector=2
hV
Entries 288
Mean 210.1
RMS 26.1
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
200
220
240
260
280

EEMC Run=7136033 Event=229609 Sector=10
hU
Entries 288
Mean 173.7
RMS 12.61
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
150
160
170
180
190
200

EEMC Run=7136033 Event=229609 Sector=10
hV
Entries 288
Mean 240.1
RMS 21.18
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250
260
270

EEMC Run=7136033 Event=78525 Sector=7
hU
Entries 288
Mean 242.7
RMS 19.84
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
180 190 200 210 220 230 240 250 260 270

EEMC Run=7136033 Event=78525 Sector=7
hV
Entries 288
Mean 130.8
RMS 7.854
0.006
0.005
0.004
0.003
0.002
0.001
0
105 110 115 120 125 130 135 140 145 150

EEMC Run=7137036 Event=183033 Sector=2
hU
Entries 288
Mean 185.4
RMS 20.17
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130 140 150 160 170 180 190 200 210 220

EEMC Run=7137036 Event=183033 Sector=2
hV
Entries 288
Mean 156.7
RMS 27.46
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7137036 Event=39466 Sector=9
hU
Entries 288
Mean 85
RMS 8.733
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110

EEMC Run=7137036 Event=39466 Sector=9
hV
Entries 288
Mean 68.56
RMS 15.33
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
20
30
40
50
60
70
80
90
100

EEMC Run=7137036 Event=263294 Sector=1
hU
Entries 288
Mean 114.5
RMS 9.799
0.03
0.025
0.02
0.015
0.01
0.005
0
80
90
100
110
120
130

EEMC Run=7137036 Event=263294 Sector=1
hV
Entries 288
Mean 166.4
RMS 21.63
0.03
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180
200

EEMC Run=7137036 Event=63669 Sector=10
hU
Entries 288
Mean 105.4
RMS 9.82
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130

EEMC Run=7137036 Event=63669 Sector=10
hV
Entries 288
Mean 92.46
RMS 16.14
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120

EEMC Run=7137036 Event=63878 Sector=11
hU
Entries 288
Mean 131.8
RMS 11.59
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
95 100 105 110 115 120 125 130 135 140

EEMC Run=7137036 Event=63878 Sector=11
hV
Entries 288
Mean 100.4
RMS 15.06
0.03
0.025
0.02
0.015
0.01
0.005
0
60 70 80 90 100 110 120 130 140

EEMC Run=7137036 Event=64482 Sector=2
hU
Entries 288
Mean 89.14
RMS 6.942
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110

EEMC Run=7137036 Event=64482 Sector=2
hV
Entries 288
Mean 110.3
RMS 14.16
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140

EEMC Run=7137036 Event=78052 Sector=12
hU
Entries 288
Mean 163.1
RMS 26.89
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180

EEMC Run=7137036 Event=78052 Sector=12
hV
Entries 288
Mean 228.1
RMS 5.613
0.03
0.025
0.02
0.015
0.01
0.005
0
200
210
220
230
240
250

EEMC Run=7137036 Event=119080 Sector=8
hU
Entries 288
Mean 200.7
RMS 10.18
0.05
0.04
0.03
0.02
0.01
0
180
190
200
210
220
230

EEMC Run=7137036 Event=119080 Sector=8
hV
Entries 288
Mean 182.2
RMS 23.63
0.03
0.025
0.02
0.015
0.01
0.005
0
130
140
150
160
170
180
190
200
210

EEMC Run=7137036 Event=122510 Sector=12
hU
Entries 288
Mean 120.6
RMS 4.741
0.03
0.025
0.02
0.015
0.01
0.005
0
105
110
115
120
125
130
135
140

EEMC Run=7137036 Event=122510 Sector=12
hV
Entries 288
Mean 200.3
RMS 30.88
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220

EEMC Run=7137036 Event=126834 Sector=2
hU
Entries 288
Mean 94.09
RMS 9.425
0.03
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120

EEMC Run=7137036 Event=126834 Sector=2
hV
Entries 288
Mean 104.9
RMS 15.5
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120
130

EEMC Run=7137036 Event=1480 Sector=5
hU
Entries 288
Mean 170.8
RMS 11.32
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200

EEMC Run=7137036 Event=1480 Sector=5
hV
Entries 288
Mean 94.54
RMS 22.48
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120
130
140

EEMC Run=7137036 Event=181937 Sector=11
hU
Entries 288
Mean 187.9
RMS 23.28
0.025
0.02
0.015
0.01
0.005
0
160
170
180
190
200
210
220
230

EEMC Run=7137036 Event=181937 Sector=11
hV
Entries 288
Mean 123.2
RMS 9.851
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150

EEMC Run=7137036 Event=217511 Sector=6
hU
Entries 288
Mean 175.9
RMS 7.217
0.03
0.025
0.02
0.015
0.01
0.005
0
160
170
180
190
200

EEMC Run=7137036 Event=217511 Sector=6
hV
Entries 288
Mean 112.9
RMS 29.68
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130
140
150
160

EEMC Run=7137036 Event=222457 Sector=3
hU
Entries 288
Mean 133
RMS 28.65
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
100
120
140
160

EEMC Run=7137036 Event=222457 Sector=3
hV
Entries 288
Mean 122.8
RMS 16.82
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150

EEMC Run=7137036 Event=3629 Sector=8
hU
Entries 288
Mean 30.34
RMS 6.102
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70
80

EEMC Run=7137036 Event=3629 Sector=8
hV
Entries 288
Mean 35.86
RMS 5.076
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
10
15
20
25
30
35
40
45
50
55

EEMC Run=7137036 Event=3946 Sector=12
hU
Entries 288
Mean 56.85
RMS 6.609
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80

EEMC Run=7137036 Event=3946 Sector=12
hV
Entries 288
Mean 78.23
RMS 12.41
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120

EEMC Run=7137036 Event=17741 Sector=3
hU
Entries 288
Mean 160.3
RMS 25.84
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
120 130 140 150 160 170 180 190 200

EEMC Run=7137036 Event=17741 Sector=3
hV
Entries 288
Mean 154.1
RMS 24.07
0.012
0.01
0.008
0.006
0.004
0.002
0
130 140 150 160 170 180 190 200 210 220

EEMC Run=7137036 Event=232815 Sector=10
hU
Entries 288
Mean 131.8
RMS 30.03
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
100
120
140
160

EEMC Run=7137036 Event=232815 Sector=10
hV
Entries 288
Mean 182.4
RMS 12.97
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200

EEMC Run=7137036 Event=233108 Sector=10
hU
Entries 288
Mean 81.93
RMS 10.47
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100

EEMC Run=7137036 Event=233108 Sector=10
hV
Entries 288
Mean 37.35
RMS 6.442
0.03
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70

EEMC Run=7137036 Event=242453 Sector=5
hU
Entries 288
Mean 135.6
RMS 11.18
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150
160

EEMC Run=7137036 Event=242453 Sector=5
hV
Entries 288
Mean 251.7
RMS 19.52
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
200
210
220
230
240
250
260
270
280

EEMC Run=7137036 Event=109992 Sector=10
hU
Entries 288
Mean 86.31
RMS 15.49
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120

EEMC Run=7137036 Event=109992 Sector=10
hV
Entries 288
Mean 129.2
RMS 17.04
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170
180

EEMC Run=7137036 Event=110900 Sector=6
hU
Entries 288
Mean 14.31
RMS 11.29
0.025
0.02
0.015
0.01
0.005
0
0 5 10 15 20 25 30 35 40 45

EEMC Run=7137036 Event=110900 Sector=6
hV
Entries 288
Mean 55.41
RMS 6.376
0.03
0.025
0.02
0.015
0.01
0.005
0
30 35 40 45 50 55 60 65 70 75

EEMC Run=7137036 Event=115273 Sector=9
hU
Entries 288
Mean 136.8
RMS 18.41
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160

EEMC Run=7137036 Event=115273 Sector=9
hV
Entries 288
Mean 69.91
RMS 9.624
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90

EEMC Run=7137036 Event=115637 Sector=1
hU
Entries 288
Mean 187.9
RMS 28.15
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220

EEMC Run=7137036 Event=115637 Sector=1
hV
Entries 288
Mean 117.9
RMS 7.306
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150

EEMC Run=7137036 Event=190170 Sector=11
hU
Entries 288
Mean 247.6
RMS 19.84
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
200
220
240
260
280

EEMC Run=7137036 Event=190170 Sector=11
hV
Entries 288
Mean 137.2
RMS 15.68
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160
170
180

EEMC Run=7137036 Event=195622 Sector=10
hU
Entries 288
Mean 165.5
RMS 10.62
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180
190
200

EEMC Run=7137036 Event=195622 Sector=10
hV
Entries 288
Mean 123.8
RMS 24.11
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150
160
170

EEMC Run=7137036 Event=198696 Sector=11
hU
Entries 288
Mean 55.85
RMS 6.925
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7137036 Event=198696 Sector=11
hV
Entries 288
Mean 44.25
RMS 11.14
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7137036 Event=271246 Sector=12
hU
Entries 288
Mean 73.01
RMS 19.11
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
40
50
60
70
80
90
100
110
120

EEMC Run=7137036 Event=271246 Sector=12
hV
Entries 288
Mean 109
RMS 9.708
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
80
90
100
110
120
130

EEMC Run=7137036 Event=272118 Sector=9
hU
Entries 288
Mean 227.8
RMS 14.21
0.03
0.025
0.02
0.015
0.01
0.005
0
180 190 200 210 220 230 240 250 260

EEMC Run=7137036 Event=272118 Sector=9
hV
Entries 288
Mean 168.4
RMS 17.52
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190

EEMC Run=7137036 Event=272891 Sector=2
hU
Entries 288
Mean 163
RMS 23.23
0.025
0.02
0.015
0.01
0.005
0
100 110 120 130 140 150 160 170 180 190

EEMC Run=7137036 Event=272891 Sector=2
hV
Entries 288
Mean 148
RMS 17.15
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100 110 120 130 140 150 160 170

EEMC Run=7137036 Event=277796 Sector=7
hU
Entries 288
Mean 51.32
RMS 10.57
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70

EEMC Run=7137036 Event=277796 Sector=7
hV
Entries 288
Mean 68.89
RMS 15.08
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90

EEMC Run=7137036 Event=286378 Sector=10
hU
Entries 288
Mean 125.1
RMS 5.006
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
105 110 115 120 125 130 135 140 145

EEMC Run=7137036 Event=286378 Sector=10
hV
Entries 288
Mean 90.69
RMS 6.075
0.06
0.05
0.04
0.03
0.02
0.01
0
70 80 90 100 110 120 130 140

EEMC Run=7137036 Event=44932 Sector=1
hU
Entries 288
Mean 162.3
RMS 23.94
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7137036 Event=44932 Sector=1
hV
Entries 288
Mean 88.97
RMS 15.78
0.03
0.025
0.02
0.015
0.01
0.005
0
50 60 70 80 90 100 110

EEMC Run=7137036 Event=49214 Sector=4
hU
Entries 288
Mean 143
RMS 4.798
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
125 130 135 140 145 150 155 160 165

EEMC Run=7137036 Event=49214 Sector=4
hV
Entries 288
Mean 83.88
RMS 11.49
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
60 70 80 90 100 110 120 130 140

EEMC Run=7137036 Event=100306 Sector=7
hU
Entries 288
Mean 58.42
RMS 6.853
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
40 45 50 55 60 65 70 75 80 85

EEMC Run=7137036 Event=100306 Sector=7
hV
Entries 288
Mean 105.5
RMS 17.5
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
60 70 80 90 100 110 120

EEMC Run=7137036 Event=139820 Sector=10
hU
Entries 288
Mean 96.27
RMS 15.79
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110
120

EEMC Run=7137036 Event=139820 Sector=10
hV
Entries 288
Mean 81.13
RMS 15.5
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90
100

EEMC Run=7137036 Event=158543 Sector=2
hU
Entries 288
Mean 115.4
RMS 32.52
0.03
0.025
0.02
0.015
0.01
0.005
0
80
100
120
140
160

EEMC Run=7137036 Event=158543 Sector=2
hV
Entries 288
Mean 180.5
RMS 14.25
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200
210

EEMC Run=7137036 Event=158776 Sector=10
hU
Entries 288
Mean 41.43
RMS 10.97
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
10
20
30
40
50
60
70

EEMC Run=7137036 Event=158776 Sector=10
hV
Entries 288
Mean 29.17
RMS 5.01
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
15
20
25
30
35
40
45
50
55

EEMC Run=7137036 Event=164683 Sector=10
hU
Entries 288
Mean 65.63
RMS 11.27
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90

EEMC Run=7137036 Event=164683 Sector=10
hV
Entries 288
Mean 134.6
RMS 23.18
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170

EEMC Run=7137036 Event=168798 Sector=11
hU
Entries 288
Mean 118.5
RMS 16.66
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120
130

EEMC Run=7137036 Event=168798 Sector=11
hV
Entries 288
Mean 181.6
RMS 13.93
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200
210
220

EEMC Run=7137036 Event=171929 Sector=12
hU
Entries 288
Mean 80.61
RMS 4.297
0.012
0.01
0.008
0.006
0.004
0.002
0
55 60 65 70 75 80 85 90 95 100

EEMC Run=7137036 Event=171929 Sector=12
hV
Entries 288
Mean 103.8
RMS 18.44
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60 70 80 90 100 110 120 130

EEMC Run=7137036 Event=173304 Sector=11
hU
Entries 288
Mean 124.6
RMS 20.9
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160
170

EEMC Run=7137036 Event=173304 Sector=11
hV
Entries 288
Mean 150.2
RMS 10.72
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
130
140
150
160
170

EEMC Run=7137036 Event=173799 Sector=10
hU
Entries 288
Mean 54.94
RMS 5.34
0.03
0.025
0.02
0.015
0.01
0.005
0
35
40
45
50
55
60
65
70
75

EEMC Run=7137036 Event=173799 Sector=10
hV
Entries 288
Mean 64.67
RMS 12.14
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100

EEMC Run=7137036 Event=174652 Sector=9
hU
Entries 288
Mean 87.8
RMS 15.95
0.03
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130
140

EEMC Run=7137036 Event=174652 Sector=9
hV
Entries 288
Mean 125
RMS 13.52
0.025
0.02
0.015
0.01
0.005
0
110
120
130
140
150
160
170
180

EEMC Run=7137036 Event=177165 Sector=11
hU
Entries 288
Mean 194
RMS 12.64
0.025
0.02
0.015
0.01
0.005
0
170 180 190 200 210 220 230 240 250 260

EEMC Run=7137036 Event=177165 Sector=11
hV
Entries 288
Mean 147.9
RMS 13.15
0.025
0.02
0.015
0.01
0.005
0
130 140 150 160 170 180 190 200

EEMC Run=7137036 Event=241450 Sector=3
hU
Entries 288
Mean 172.4
RMS 28.24
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200 210

EEMC Run=7137036 Event=241450 Sector=3
hV
Entries 288
Mean 156.9
RMS 5.046
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
135 140 145 150 155 160 165 170 175

EEMC Run=7137036 Event=258069 Sector=6
hU
Entries 288
Mean 90.49
RMS 12.36
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40 50 60 70 80 90 100 110 120

EEMC Run=7137036 Event=258069 Sector=6
hV
Entries 288
Mean 103.6
RMS 4.954
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
85 90 95 100 105 110 115 120 125

EEMC Run=7137036 Event=60072 Sector=10
hU
Entries 288
Mean 68.78
RMS 13.57
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120

EEMC Run=7137036 Event=60072 Sector=10
hV
Entries 288
Mean 107.9
RMS 6.783
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
85
90
95
100
105
110
115
120
125
130

EEMC Run=7144014 Event=101564 Sector=5
hU
Entries 288
Mean 177.5
RMS 15.41
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
150
160
170
180
190
200
210

EEMC Run=7144014 Event=101564 Sector=5
hV
Entries 288
Mean 104
RMS 22.13
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150
160

EEMC Run=7144014 Event=178141 Sector=11
hU
Entries 288
Mean 120.6
RMS 22.74
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
70 80 90 100 110 120 130 140 150

EEMC Run=7144014 Event=178141 Sector=11
hV
Entries 288
Mean 80.98
RMS 5.871
0.025
0.02
0.015
0.01
0.005
0
60 65 70 75 80 85 90 95 100

EEMC Run=7144014 Event=6409 Sector=5
hU
Entries 288
Mean 49.11
RMS 6.749
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70

EEMC Run=7144014 Event=6409 Sector=5
hV
Entries 288
Mean 84.11
RMS 19.5
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120
130

EEMC Run=7144014 Event=354626 Sector=4
hU
Entries 288
Mean 141.4
RMS 14.92
0.006
0.005
0.004
0.003
0.002
0.001
0
100
110
120
130
140
150
160

EEMC Run=7144014 Event=354626 Sector=4
hV
Entries 288
Mean 66.46
RMS 11.39
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90

EEMC Run=7144014 Event=365803 Sector=1
hU
Entries 288
Mean 105.6
RMS 4.284
0.03
0.025
0.02
0.015
0.01
0.005
0
85 90 95 100 105 110 115 120 125

EEMC Run=7144014 Event=365803 Sector=1
hV
Entries 288
Mean 124.2
RMS 16.68
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100 110 120 130 140 150 160 170 180

EEMC Run=7144014 Event=368088 Sector=12
hU
Entries 288
Mean 136.4
RMS 23.91
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90 100 110 120 130 140 150 160 170

EEMC Run=7144014 Event=368088 Sector=12
hV
Entries 288
Mean 88.46
RMS 21.11
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60 70 80 90 100 110 120 130

EEMC Run=7144014 Event=372171 Sector=9
hU
Entries 288
Mean 101
RMS 14.36
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130

EEMC Run=7144014 Event=372171 Sector=9
hV
Entries 288
Mean 40.15
RMS 21.52
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
20
30
40
50
60
70
80
90

EEMC Run=7144014 Event=381470 Sector=4
hU
Entries 288
Mean 130.2
RMS 21.87
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
90
100
110
120
130
140
150
160

EEMC Run=7144014 Event=381470 Sector=4
hV
Entries 288
Mean 76.27
RMS 4.312
0.01
0.008
0.006
0.004
0.002
0
55
60
65
70
75
80
85
90
95

EEMC Run=7144014 Event=385584 Sector=2
hU
Entries 288
Mean 157.9
RMS 23.02
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220
240

EEMC Run=7144014 Event=385584 Sector=2
hV
Entries 288
Mean 113
RMS 7.085
0.01
0.008
0.006
0.004
0.002
0
95
100
105
110
115
120
125
130
135

EEMC Run=7144014 Event=403607 Sector=10
hU
Entries 288
Mean 71.06
RMS 12.26
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110

EEMC Run=7144014 Event=403607 Sector=10
hV
Entries 288
Mean 96.4
RMS 7.411
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110

EEMC Run=7144014 Event=30462 Sector=1
hU
Entries 288
Mean 157.4
RMS 20.33
0.03
0.025
0.02
0.015
0.01
0.005
0
100 110 120 130 140 150 160 170 180 190

EEMC Run=7144014 Event=30462 Sector=1
hV
Entries 288
Mean 102.5
RMS 7.804
0.03
0.025
0.02
0.015
0.01
0.005
0
80 90 100 110 120

EEMC Run=7144014 Event=171543 Sector=1
hU
Entries 288
Mean 99.23
RMS 14.92
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110
120

EEMC Run=7144014 Event=171543 Sector=1
hV
Entries 288
Mean 79.51
RMS 14.35
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120

EEMC Run=7144014 Event=28481 Sector=2
hU
Entries 288
Mean 119.9
RMS 9.607
0.03
0.025
0.02
0.015
0.01
0.005
0
90 100 110 120 130 140 150 160 170 180

EEMC Run=7144014 Event=28481 Sector=2
hV
Entries 288
Mean 187.4
RMS 7.545
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160 170 180 190 200 210

EEMC Run=7144014 Event=294575 Sector=2
hU
Entries 288
Mean 215.7
RMS 18.59
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250

EEMC Run=7144014 Event=294575 Sector=2
hV
Entries 288
Mean 116.2
RMS 25
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150
160

EEMC Run=7144014 Event=310132 Sector=10
hU
Entries 288
Mean 158.4
RMS 16.38
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160
170
180

EEMC Run=7144014 Event=310132 Sector=10
hV
Entries 288
Mean 160.2
RMS 16.38
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160
170
180

EEMC Run=7144014 Event=446635 Sector=1
hU
Entries 288
Mean 137.7
RMS 18
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160
170
180

EEMC Run=7144014 Event=446635 Sector=1
hV
Entries 288
Mean 89.11
RMS 14.61
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110

EEMC Run=7144014 Event=5296 Sector=3
hU
Entries 288
Mean 113.3
RMS 16.79
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
80
90
100
110
120
130
140

EEMC Run=7144014 Event=5296 Sector=3
hV
Entries 288
Mean 216.9
RMS 19.78
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200
210
220
230
240
250

EEMC Run=7144014 Event=12695 Sector=2
hU
Entries 288
Mean 56.82
RMS 12
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100
110

EEMC Run=7144014 Event=12695 Sector=2
hV
Entries 288
Mean 116.4
RMS 5.179
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
95
100
105
110
115
120
125
130
135

EEMC Run=7144014 Event=50448 Sector=1
hU
Entries 288
Mean 54.74
RMS 16.68
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90

EEMC Run=7144014 Event=50448 Sector=1
hV
Entries 288
Mean 73.09
RMS 5.158
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
55
60
65
70
75
80
85
90

EEMC Run=7144014 Event=96680 Sector=8
hU
Entries 288
Mean 97.24
RMS 14.72
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130
140

EEMC Run=7144014 Event=96680 Sector=8
hV
Entries 288
Mean 153.4
RMS 15.24
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170

EEMC Run=7144014 Event=35368 Sector=10
hU
Entries 288
Mean 161
RMS 22.43
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7144014 Event=35368 Sector=10
hV
Entries 288
Mean 205.1
RMS 13.66
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200
210
220
230

EEMC Run=7144014 Event=130975 Sector=6
hU
Entries 288
Mean 84.54
RMS 22.53
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100
110
120

EEMC Run=7144014 Event=130975 Sector=6
hV
Entries 288
Mean 124.1
RMS 8.448
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150

EEMC Run=7144014 Event=134736 Sector=1
hU
Entries 288
Mean 140.4
RMS 21.38
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150
160
170

EEMC Run=7144014 Event=134736 Sector=1
hV
Entries 288
Mean 143.1
RMS 11.92
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160

EEMC Run=7144014 Event=257542 Sector=10
hU
Entries 288
Mean 30.57
RMS 7.065
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0
10
20
30
40
50

EEMC Run=7144014 Event=257542 Sector=10
hV
Entries 288
Mean 40.37
RMS 9.35
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70

EEMC Run=7144014 Event=272899 Sector=8
hU
Entries 288
Mean 156.4
RMS 12.85
0.025
0.02
0.015
0.01
0.005
0
130
140
150
160
170
180

EEMC Run=7144014 Event=272899 Sector=8
hV
Entries 288
Mean 171.6
RMS 26.73
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130
140
150
160
170
180
190
200
210

EEMC Run=7144014 Event=291190 Sector=4
hU
Entries 288
Mean 129
RMS 15.33
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150
160

EEMC Run=7144014 Event=291190 Sector=4
hV
Entries 288
Mean 63
RMS 9.669
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7144014 Event=417816 Sector=3
hU
Entries 288
Mean 171.9
RMS 24.97
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
140 150 160 170 180 190 200 210 220

EEMC Run=7144014 Event=417816 Sector=3
hV
Entries 288
Mean 70.12
RMS 13.01
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
50 60 70 80 90 100 110

EEMC Run=7144014 Event=182354 Sector=11
hU
Entries 288
Mean 105.2
RMS 3.556
0.03
0.025
0.02
0.015
0.01
0.005
0
85 90 95 100 105 110 115 120 125

EEMC Run=7144014 Event=182354 Sector=11
hV
Entries 288
Mean 160.1
RMS 23.49
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
110 120 130 140 150 160 170 180 190 200

EEMC Run=7144014 Event=373260 Sector=4
hU
Entries 288
Mean 145.9
RMS 13.74
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160

EEMC Run=7144014 Event=373260 Sector=4
hV
Entries 288
Mean 216.5
RMS 18.64
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250
260

EEMC Run=7144014 Event=161343 Sector=8
hU
Entries 288
Mean 188.1
RMS 18.05
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160 170 180 190 200 210 220 230 240

EEMC Run=7144014 Event=161343 Sector=8
hV
Entries 288
Mean 89.4
RMS 14.63
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60 70 80 90 100 110 120 130

EEMC Run=7144014 Event=127255 Sector=9
hU
Entries 288
Mean 153
RMS 8.262
0.025
0.02
0.015
0.01
0.005
0
130
140
150
160
170
180

EEMC Run=7144014 Event=127255 Sector=9
hV
Entries 288
Mean 228.9
RMS 32.66
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
160
180
200
220
240
260

EEMC Run=7138001 Event=94218 Sector=5
hU
Entries 288
Mean 38.61
RMS 15.42
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
10
20
30
40
50
60
70
80

EEMC Run=7138001 Event=94218 Sector=5
hV
Entries 288
Mean 59.03
RMS 8.146
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
35
40
45
50
55
60
65
70
75

EEMC Run=7138001 Event=95480 Sector=6
hU
Entries 288
Mean 76.42
RMS 2.908
0.05
0.04
0.03
0.02
0.01
0
60
65
70
75
80
85
90
95

EEMC Run=7138001 Event=95480 Sector=6
hV
Entries 288
Mean 127.8
RMS 17.7
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160

EEMC Run=7138001 Event=162480 Sector=10
hU
Entries 288
Mean 185.9
RMS 31.39
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220
240

EEMC Run=7138001 Event=162480 Sector=10
hV
Entries 288
Mean 152.6
RMS 8.492
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130
140
150
160
170
180

EEMC Run=7138001 Event=211058 Sector=4
hU
Entries 288
Mean 145.3
RMS 25.75
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7138001 Event=211058 Sector=4
hV
Entries 288
Mean 171.5
RMS 14.94
0.012
0.01
0.008
0.006
0.004
0.002
0
150 160 170 180 190

EEMC Run=7138001 Event=213514 Sector=11
hU
Entries 288
Mean 54.4
RMS 9.419
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80

EEMC Run=7138001 Event=213514 Sector=11
hV
Entries 288
Mean 11.45
RMS 10.51
0.03
0.025
0.02
0.015
0.01
0.005
0
0
10
20
30
40
50

EEMC Run=7138001 Event=219682 Sector=4
hU
Entries 288
Mean 46.26
RMS 5.295
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
20
30
40
50
60
70

EEMC Run=7138001 Event=219682 Sector=4
hV
Entries 288
Mean 114
RMS 12.52
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150

EEMC Run=7138001 Event=223665 Sector=11
hU
Entries 288
Mean 233.1
RMS 14.46
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220
240

EEMC Run=7138001 Event=223665 Sector=11
hV
Entries 288
Mean 158.2
RMS 6.464
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170

EEMC Run=7138001 Event=5102 Sector=10
hU
Entries 288
Mean 83.1
RMS 6.939
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100

EEMC Run=7138001 Event=5102 Sector=10
hV
Entries 288
Mean 109.3
RMS 21.49
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130
140

EEMC Run=7138001 Event=47447 Sector=2
hU
Entries 288
Mean 175.2
RMS 9.136
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
150
160
170
180
190
200

EEMC Run=7138001 Event=47447 Sector=2
hV
Entries 288
Mean 157.3
RMS 34.46
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
100
120
140
160
180

EEMC Run=7138001 Event=55230 Sector=2
hU
Entries 288
Mean 73.83
RMS 16.92
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90
100

EEMC Run=7138001 Event=55230 Sector=2
hV
Entries 288
Mean 131.1
RMS 15.56
0.025
0.02
0.015
0.01
0.005
0
100
110
120
130
140
150
160

EEMC Run=7138001 Event=68717 Sector=3
hU
Entries 288
Mean 136
RMS 12.52
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160
170

EEMC Run=7138001 Event=68717 Sector=3
hV
Entries 288
Mean 77.11
RMS 20.41
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120
130

EEMC Run=7138001 Event=7981 Sector=5
hU
Entries 288
Mean 100.4
RMS 11.31
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100
110
120

EEMC Run=7138001 Event=7981 Sector=5
hV
Entries 288
Mean 101.8
RMS 4.678
0.03
0.025
0.02
0.015
0.01
0.005
0
85
90
95
100
105
110
115
120

EEMC Run=7138001 Event=135682 Sector=3
hU
Entries 288
Mean 180.8
RMS 17.94
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200
210
220

EEMC Run=7138001 Event=135682 Sector=3
hV
Entries 288
Mean 120.1
RMS 16.71
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150

EEMC Run=7138001 Event=254218 Sector=6
hU
Entries 288
Mean 87.19
RMS 8.461
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70 75 80 85 90 95 100 105 110

EEMC Run=7138001 Event=254218 Sector=6
hV
Entries 288
Mean 132.4
RMS 19.55
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200

EEMC Run=7138001 Event=98446 Sector=10
hU
Entries 288
Mean 141.2
RMS 13.69
0.01
0.008
0.006
0.004
0.002
0
100 110 120 130 140 150 160 170 180

EEMC Run=7138001 Event=98446 Sector=10
hV
Entries 288
Mean 210.3
RMS 11.93
0.012
0.01
0.008
0.006
0.004
0.002
0
160 170 180 190 200 210 220 230

EEMC Run=7138001 Event=113001 Sector=9
hU
Entries 288
Mean 211.1
RMS 16.58
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150 160 170 180 190 200 210 220 230 240

EEMC Run=7138001 Event=113001 Sector=9
hV
Entries 288
Mean 126.6
RMS 18.18
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7138001 Event=115385 Sector=3
hU
Entries 288
Mean 112.9
RMS 21.29
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130
140
150

EEMC Run=7138001 Event=115385 Sector=3
hV
Entries 288
Mean 66.65
RMS 6.244
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
45
50
55
60
65
70
75
80
85

EEMC Run=7138001 Event=75980 Sector=8
hU
Entries 288
Mean 173.3
RMS 21.48
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180
190
200
210
220

EEMC Run=7138001 Event=75980 Sector=8
hV
Entries 288
Mean 95.99
RMS 8.813
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130

EEMC Run=7138001 Event=185236 Sector=5
hU
Entries 288
Mean 155.1
RMS 33.8
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200
220

EEMC Run=7138001 Event=185236 Sector=5
hV
Entries 288
Mean 203.8
RMS 9.885
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230

EEMC Run=7138001 Event=231665 Sector=11
hU
Entries 288
Mean 199.9
RMS 16.13
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
150
160
170
180
190
200
210

EEMC Run=7138001 Event=231665 Sector=11
hV
Entries 288
Mean 114.6
RMS 17.29
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150
160

EEMC Run=7138001 Event=246555 Sector=2
hU
Entries 288
Mean 193.4
RMS 6.202
0.03
0.025
0.02
0.015
0.01
0.005
0
180
190
200
210
220

EEMC Run=7138001 Event=246555 Sector=2
hV
Entries 288
Mean 162.5
RMS 30.44
0.025
0.02
0.015
0.01
0.005
0
80
100
120
140
160
180

EEMC Run=7138001 Event=250703 Sector=2
hU
Entries 288
Mean 127.7
RMS 7.345
0.025
0.02
0.015
0.01
0.005
0
110
120
130
140
150

EEMC Run=7138001 Event=250703 Sector=2
hV
Entries 288
Mean 108.6
RMS 18.64
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140

EEMC Run=7138001 Event=84307 Sector=2
hU
Entries 288
Mean 59.5
RMS 5.447
0.05
0.04
0.03
0.02
0.01
0
40
45
50
55
60
65
70
75
80

EEMC Run=7138001 Event=84307 Sector=2
hV
Entries 288
Mean 11.53
RMS 10.38
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
10
20
30
40
50
60

EEMC Run=7138032 Event=116179 Sector=8
hU
Entries 288
Mean 163.2
RMS 11.17
0.03
0.025
0.02
0.015
0.01
0.005
0
130
140
150
160
170
180
190

EEMC Run=7138032 Event=116179 Sector=8
hV
Entries 288
Mean 136.8
RMS 14.47
0.1
0.08
0.06
0.04
0.02
0
90
100
110
120
130
140
150
160
170

EEMC Run=7138032 Event=130177 Sector=9
hU
Entries 288
Mean 192.5
RMS 12.05
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
180
190
200
210
220
230

EEMC Run=7138032 Event=130177 Sector=9
hV
Entries 288
Mean 110
RMS 22.05
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150
160

EEMC Run=7138032 Event=223829 Sector=12
hU
Entries 288
Mean 154.5
RMS 25.29
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100 110 120 130 140 150 160 170 180

EEMC Run=7138032 Event=223829 Sector=12
hV
Entries 288
Mean 187.2
RMS 13.37
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150 160 170 180 190 200 210

EEMC Run=7138032 Event=8980 Sector=5
hU
Entries 288
Mean 183
RMS 18.52
0.006
0.005
0.004
0.003
0.002
0.001
0
140
160
180
200
220

EEMC Run=7138032 Event=8980 Sector=5
hV
Entries 288
Mean 193.9
RMS 20.79
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200
210
220
230

EEMC Run=7138032 Event=81081 Sector=9
hU
Entries 288
Mean 43.65
RMS 6.006
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60

EEMC Run=7138032 Event=81081 Sector=9
hV
Entries 288
Mean 99.58
RMS 13.03
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120

EEMC Run=7138032 Event=86978 Sector=5
hU
Entries 288
Mean 21.82
RMS 9.798
0.06
0.05
0.04
0.03
0.02
0.01
0
0
10
20
30
40
50

EEMC Run=7138032 Event=86978 Sector=5
hV
Entries 288
Mean 64.99
RMS 7.733
0.05
0.04
0.03
0.02
0.01
0
40
50
60
70
80

EEMC Run=7138032 Event=166298 Sector=3
hU
Entries 288
Mean 64.52
RMS 16.51
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100

EEMC Run=7138032 Event=166298 Sector=3
hV
Entries 288
Mean 58.36
RMS 7.933
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7138032 Event=168919 Sector=8
hU
Entries 288
Mean 222.6
RMS 17.93
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
200
210
220
230
240
250
260
270

EEMC Run=7138032 Event=168919 Sector=8
hV
Entries 288
Mean 157.4
RMS 31.46
0.1
0.08
0.06
0.04
0.02
0
120
140
160
180
200
220

EEMC Run=7138032 Event=180615 Sector=9
hU
Entries 288
Mean 163.3
RMS 18.63
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7138032 Event=180615 Sector=9
hV
Entries 288
Mean 225.3
RMS 32.23
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160 180 200 220 240 260

EEMC Run=7138032 Event=183616 Sector=2
hU
Entries 288
Mean 79.43
RMS 24.49
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110
120
130

EEMC Run=7138032 Event=183616 Sector=2
hV
Entries 288
Mean 161.4
RMS 11.98
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180

EEMC Run=7138032 Event=253968 Sector=12
hU
Entries 288
Mean 220.3
RMS 29.63
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
200
220
240
260
280

EEMC Run=7138032 Event=253968 Sector=12
hV
Entries 288
Mean 144.9
RMS 22.16
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170
180

EEMC Run=7138032 Event=45534 Sector=10
hU
Entries 288
Mean 47.46
RMS 14.87
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90

EEMC Run=7138032 Event=45534 Sector=10
hV
Entries 288
Mean 68.81
RMS 7.884
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100

EEMC Run=7138032 Event=69139 Sector=4
hU
Entries 288
Mean 151.3
RMS 13.08
0.025
0.02
0.015
0.01
0.005
0
110
120
130
140
150
160
170

EEMC Run=7138032 Event=69139 Sector=4
hV
Entries 288
Mean 165.5
RMS 23.5
0.025
0.02
0.015
0.01
0.005
0
120
130
140
150
160
170
180
190
200

EEMC Run=7138032 Event=33808 Sector=10
hU
Entries 288
Mean 143.9
RMS 13.25
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170
180

EEMC Run=7138032 Event=33808 Sector=10
hV
Entries 288
Mean 242.8
RMS 15.22
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250
260

EEMC Run=7138032 Event=229010 Sector=1
hU
Entries 288
Mean 184
RMS 8.172
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200
210

EEMC Run=7138032 Event=229010 Sector=1
hV
Entries 288
Mean 142.1
RMS 28.51
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7138032 Event=240003 Sector=4
hU
Entries 288
Mean 196.9
RMS 6.819
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
170 175 180 185 190 195 200 205 210 215

EEMC Run=7138032 Event=240003 Sector=4
hV
Entries 288
Mean 122.3
RMS 25.27
0.025
0.02
0.015
0.01
0.005
0
100 120 140 160 180 200

EEMC Run=7138032 Event=240519 Sector=12
hU
Entries 288
Mean 129.3
RMS 7.035
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
120
130
140
150
160

EEMC Run=7138032 Event=240519 Sector=12
hV
Entries 288
Mean 228.9
RMS 35.55
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250
260
270

EEMC Run=7138032 Event=55833 Sector=6
hU
Entries 288
Mean 81.2
RMS 8.135
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100

EEMC Run=7138032 Event=55833 Sector=6
hV
Entries 288
Mean 68.98
RMS 20.57
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
30
40
50
60
70
80
90
100

EEMC Run=7138032 Event=102190 Sector=6
hU
Entries 288
Mean 194.5
RMS 24.94
0.012
0.01
0.008
0.006
0.004
0.002
0
140 150 160 170 180 190 200 210 220 230

EEMC Run=7138032 Event=102190 Sector=6
hV
Entries 288
Mean 114.9
RMS 12.55
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90 100 110 120 130 140 150

EEMC Run=7138010 Event=68590 Sector=2
hU
Entries 288
Mean 61.18
RMS 12.9
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100

EEMC Run=7138010 Event=68590 Sector=2
hV
Entries 288
Mean 39.27
RMS 16.22
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70

EEMC Run=7138010 Event=78587 Sector=7
hU
Entries 288
Mean 181.8
RMS 8.493
0.004
0.003
0.002
0.001
0
160
170
180
190
200
210

EEMC Run=7138010 Event=78587 Sector=7
hV
Entries 288
Mean 211
RMS 32.62
0.004
0.003
0.002
0.001
0
160
180
200
220
240
260

EEMC Run=7138010 Event=148619 Sector=2
hU
Entries 288
Mean 180.9
RMS 15.75
0.03
0.025
0.02
0.015
0.01
0.005
0
160
170
180
190
200
210
220

EEMC Run=7138010 Event=148619 Sector=2
hV
Entries 288
Mean 91.03
RMS 20.14
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120
130

EEMC Run=7138010 Event=110607 Sector=8
hU
Entries 288
Mean 106.8
RMS 24.13
0.03
0.025
0.02
0.015
0.01
0.005
0
50 60 70 80 90 100 110 120 130 140

EEMC Run=7138010 Event=110607 Sector=8
hV
Entries 288
Mean 138.8
RMS 13
0.025
0.02
0.015
0.01
0.005
0
110 120 130 140 150 160

EEMC Run=7138010 Event=114845 Sector=6
hU
Entries 288
Mean 117
RMS 6.185
0.03
0.025
0.02
0.015
0.01
0.005
0
95 100 105 110 115 120 125 130 135

EEMC Run=7138010 Event=114845 Sector=6
hV
Entries 288
Mean 105.1
RMS 24.81
0.025
0.02
0.015
0.01
0.005
0
70 80 90 100 110 120 130 140 150

EEMC Run=7138010 Event=196891 Sector=1
hU
Entries 288
Mean 155
RMS 28.52
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7138010 Event=196891 Sector=1
hV
Entries 288
Mean 183.7
RMS 15.69
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130
140
150
160
170
180
190
200
210

EEMC Run=7138010 Event=198081 Sector=12
hU
Entries 288
Mean 106.8
RMS 20.08
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120
130

EEMC Run=7138010 Event=198081 Sector=12
hV
Entries 288
Mean 85.57
RMS 3.081
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
65
70
75
80
85
90
95
100
105

EEMC Run=7138010 Event=19756 Sector=4
hU
Entries 288
Mean 81.82
RMS 13.78
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100

EEMC Run=7138010 Event=19756 Sector=4
hV
Entries 288
Mean 27.83
RMS 7.055
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
10
20
30
40
50

EEMC Run=7138010 Event=204583 Sector=3
hU
Entries 288
Mean 125.2
RMS 3.558
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
105
110
115
120
125
130
135
140

EEMC Run=7138010 Event=204583 Sector=3
hV
Entries 288
Mean 147.3
RMS 31.03
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7138010 Event=14260 Sector=3
hU
Entries 288
Mean 44.17
RMS 11.54
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
10
20
30
40
50
60
70

EEMC Run=7138010 Event=14260 Sector=3
hV
Entries 288
Mean 90.38
RMS 14.59
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120

EEMC Run=7138010 Event=48053 Sector=4
hU
Entries 288
Mean 47.22
RMS 6.09
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
25 30 35 40 45 50 55 60 65

EEMC Run=7138010 Event=48053 Sector=4
hV
Entries 288
Mean 98.51
RMS 22.89
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60 70 80 90 100 110 120 130

EEMC Run=7138010 Event=55701 Sector=8
hU
Entries 288
Mean 97.19
RMS 18.25
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140

EEMC Run=7138010 Event=55701 Sector=8
hV
Entries 288
Mean 102.8
RMS 21.91
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130
140

EEMC Run=7138010 Event=61396 Sector=7
hU
Entries 288
Mean 78.87
RMS 11.57
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110
120

EEMC Run=7138010 Event=61396 Sector=7
hV
Entries 288
Mean 64.25
RMS 10.88
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7138010 Event=62208 Sector=1
hU
Entries 288
Mean 135.3
RMS 21.79
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
90 100 110 120 130 140 150 160 170

EEMC Run=7138010 Event=62208 Sector=1
hV
Entries 288
Mean 149.2
RMS 6.271
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130 135 140 145 150 155 160 165 170

EEMC Run=7138010 Event=94895 Sector=1
hU
Entries 288
Mean 80.09
RMS 19.98
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90
100
110

EEMC Run=7138010 Event=94895 Sector=1
hV
Entries 288
Mean 90.27
RMS 16.17
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110

EEMC Run=7138010 Event=94986 Sector=2
hU
Entries 288
Mean 150.1
RMS 22.22
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200

EEMC Run=7138010 Event=94986 Sector=2
hV
Entries 288
Mean 97.34
RMS 6.991
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
75 80 85 90 95 100 105 110 115

EEMC Run=7138010 Event=137325 Sector=7
hU
Entries 288
Mean 114.1
RMS 17.44
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160

EEMC Run=7138010 Event=137325 Sector=7
hV
Entries 288
Mean 140.9
RMS 21.08
0.004
0.003
0.002
0.001
0
110
120
130
140
150
160
170
180

EEMC Run=7138010 Event=152611 Sector=3
hU
Entries 288
Mean 181.9
RMS 18.38
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180
190
200
210

EEMC Run=7138010 Event=152611 Sector=3
hV
Entries 288
Mean 111.1
RMS 15.23
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160
170

EEMC Run=7138010 Event=159947 Sector=4
hU
Entries 288
Mean 140
RMS 31.28
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7138010 Event=159947 Sector=4
hV
Entries 288
Mean 169.7
RMS 7.866
0.025
0.02
0.015
0.01
0.005
0
150
160
170
180
190

EEMC Run=7138010 Event=168834 Sector=12
hU
Entries 288
Mean 206.1
RMS 42.34
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
180
200
220
240
260

EEMC Run=7138010 Event=168834 Sector=12
hV
Entries 288
Mean 152.1
RMS 5.406
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130
135
140
145
150
155
160
165
170

EEMC Run=7138010 Event=172756 Sector=6
hU
Entries 288
Mean 135
RMS 22.16
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180

EEMC Run=7138010 Event=172756 Sector=6
hV
Entries 288
Mean 187.5
RMS 23.42
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150 160 170 180 190 200 210 220 230 240

EEMC Run=7138010 Event=177062 Sector=3
hU
Entries 288
Mean 136.8
RMS 25.79
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130 140 150 160 170

EEMC Run=7138010 Event=177062 Sector=3
hV
Entries 288
Mean 178.5
RMS 4.105
0.01
0.008
0.006
0.004
0.002
0
160 165 170 175 180 185 190 195 200

EEMC Run=7138010 Event=186457 Sector=6
hU
Entries 288
Mean 108.9
RMS 24.47
0.03
0.025
0.02
0.015
0.01
0.005
0
80
90
100
110
120
130
140
150
160

EEMC Run=7138010 Event=186457 Sector=6
hV
Entries 288
Mean 172.1
RMS 4.463
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
155
160
165
170
175
180
185
190

EEMC Run=7138010 Event=189406 Sector=2
hU
Entries 288
Mean 95.27
RMS 9.645
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
80
90
100
110
120
130
140
150

EEMC Run=7138010 Event=189406 Sector=2
hV
Entries 288
Mean 76.63
RMS 9.558
0.03
0.025
0.02
0.015
0.01
0.005
0
55
60
65
70
75
80
85
90
95
100

EEMC Run=7138010 Event=179684 Sector=2
hU
Entries 288
Mean 131.8
RMS 7.86
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150

EEMC Run=7138010 Event=179684 Sector=2
hV
Entries 288
Mean 183.5
RMS 31.34
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220

EEMC Run=7138010 Event=35228 Sector=3
hU
Entries 288
Mean 59.04
RMS 17.64
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90
100

EEMC Run=7138010 Event=35228 Sector=3
hV
Entries 288
Mean 83.93
RMS 9.125
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110

EEMC Run=7138010 Event=65039 Sector=10
hU
Entries 288
Mean 169.1
RMS 7.099
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
150 155 160 165 170 175 180 185 190 195

EEMC Run=7138010 Event=65039 Sector=10
hV
Entries 288
Mean 89.01
RMS 21.57
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60 70 80 90 100 110 120 130 140

EEMC Run=7140046 Event=594138 Sector=7
hU
Entries 288
Mean 91.57
RMS 13.78
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120

EEMC Run=7140046 Event=594138 Sector=7
hV
Entries 288
Mean 128.5
RMS 17.11
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170
180

EEMC Run=7140046 Event=646573 Sector=2
hU
Entries 288
Mean 32.96
RMS 6.865
0.05
0.04
0.03
0.02
0.01
0
10
20
30
40
50
60

EEMC Run=7140046 Event=646573 Sector=2
hV
Entries 288
Mean 69.89
RMS 16.45
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70
80
90

EEMC Run=7140046 Event=592543 Sector=7
hU
Entries 288
Mean 69.24
RMS 20.71
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100

EEMC Run=7140046 Event=592543 Sector=7
hV
Entries 288
Mean 60.53
RMS 8.41
0.03
0.025
0.02
0.015
0.01
0.005
0
40
45
50
55
60
65
70
75
80
85

EEMC Run=7140046 Event=172910 Sector=5
hU
Entries 288
Mean 120.8
RMS 8.122
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140

EEMC Run=7140046 Event=172910 Sector=5
hV
Entries 288
Mean 82.9
RMS 22.96
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90
100
110

EEMC Run=7140046 Event=177449 Sector=1
hU
Entries 288
Mean 132.7
RMS 9.415
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 115 120 125 130 135 140 145 150

EEMC Run=7140046 Event=177449 Sector=1
hV
Entries 288
Mean 93
RMS 23.04
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60 70 80 90 100 110 120 130 140 150

EEMC Run=7140046 Event=197760 Sector=7
hU
Entries 288
Mean 92.72
RMS 24.7
0.01
0.008
0.006
0.004
0.002
0
50 60 70 80 90 100 110 120 130

EEMC Run=7140046 Event=197760 Sector=7
hV
Entries 288
Mean 117.7
RMS 7.17
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
95 100 105 110 115 120 125 130 135 140

EEMC Run=7140046 Event=313251 Sector=12
hU
Entries 288
Mean 188
RMS 21.22
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140 150 160 170 180 190 200 210 220

EEMC Run=7140046 Event=313251 Sector=12
hV
Entries 288
Mean 197.3
RMS 25.02
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160 170 180 190 200 210 220 230 240

EEMC Run=7140046 Event=314341 Sector=6
hU
Entries 288
Mean 229.8
RMS 26.36
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180 190 200 210 220 230 240 250 260

EEMC Run=7140046 Event=314341 Sector=6
hV
Entries 288
Mean 131.2
RMS 15.79
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190

EEMC Run=7140046 Event=423418 Sector=2
hU
Entries 288
Mean 26.48
RMS 12.86
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0
10
20
30
40
50

EEMC Run=7140046 Event=423418 Sector=2
hV
Entries 288
Mean 58.4
RMS 14.77
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7140046 Event=425168 Sector=11
hU
Entries 288
Mean 135.8
RMS 16.89
0.05
0.04
0.03
0.02
0.01
0
110
120
130
140
150
160
170
180

EEMC Run=7140046 Event=425168 Sector=11
hV
Entries 288
Mean 121.2
RMS 17.11
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160

EEMC Run=7140046 Event=426447 Sector=12
hU
Entries 288
Mean 110.9
RMS 16.17
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140

EEMC Run=7140046 Event=426447 Sector=12
hV
Entries 288
Mean 166.8
RMS 28.14
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
130
140
150
160
170
180
190
200
210
220

EEMC Run=7140046 Event=427070 Sector=4
hU
Entries 288
Mean 90.46
RMS 10.83
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120

EEMC Run=7140046 Event=427070 Sector=4
hV
Entries 288
Mean 119.2
RMS 17.61
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150

EEMC Run=7140046 Event=447467 Sector=1
hU
Entries 288
Mean 213.5
RMS 27.17
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220
240

EEMC Run=7140046 Event=447467 Sector=1
hV
Entries 288
Mean 135.5
RMS 3.03
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
120
125
130
135
140
145
150
155

EEMC Run=7140046 Event=549676 Sector=3
hU
Entries 288
Mean 114.3
RMS 29.47
0.012
0.01
0.008
0.006
0.004
0.002
0
80
100
120
140
160
180

EEMC Run=7140046 Event=549676 Sector=3
hV
Entries 288
Mean 216.4
RMS 5.168
0.012
0.01
0.008
0.006
0.004
0.002
0
200
205
210
215
220
225
230
235
240

EEMC Run=7140046 Event=153143 Sector=5
hU
Entries 288
Mean 208.3
RMS 26.15
0.03
0.025
0.02
0.015
0.01
0.005
0
180 190 200 210 220 230 240 250 260

EEMC Run=7140046 Event=153143 Sector=5
hV
Entries 288
Mean 175.4
RMS 17.34
0.03
0.025
0.02
0.015
0.01
0.005
0
130 140 150 160 170 180 190 200

EEMC Run=7140046 Event=155440 Sector=1
hU
Entries 288
Mean 192.7
RMS 12.34
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200
210

EEMC Run=7140046 Event=155440 Sector=1
hV
Entries 288
Mean 107.8
RMS 16.89
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160
170
180

EEMC Run=7140046 Event=244210 Sector=9
hU
Entries 288
Mean 33.83
RMS 13.11
0.03
0.025
0.02
0.015
0.01
0.005
0
0
10
20
30
40
50
60

EEMC Run=7140046 Event=244210 Sector=9
hV
Entries 288
Mean 36.12
RMS 6.03
0.025
0.02
0.015
0.01
0.005
0
15
20
25
30
35
40
45
50
55
60

EEMC Run=7140046 Event=279869 Sector=6
hU
Entries 288
Mean 98.66
RMS 17.52
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110
120

EEMC Run=7140046 Event=279869 Sector=6
hV
Entries 288
Mean 39.28
RMS 6.139
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
15
20
25
30
35
40
45
50
55

EEMC Run=7140046 Event=283363 Sector=12
hU
Entries 288
Mean 172.5
RMS 27.27
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220

EEMC Run=7140046 Event=283363 Sector=12
hV
Entries 288
Mean 97.46
RMS 5.869
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
75
80
85
90
95
100
105
110
115
120

EEMC Run=7140046 Event=35172 Sector=3
hU
Entries 288
Mean 250.6
RMS 17.95
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
190 200 210 220 230 240 250 260 270

EEMC Run=7140046 Event=35172 Sector=3
hV
Entries 288
Mean 147
RMS 15.22
0.025
0.02
0.015
0.01
0.005
0
80 90 100 110 120 130 140 150 160 170

EEMC Run=7140046 Event=94650 Sector=1
hU
Entries 288
Mean 114.5
RMS 16.94
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150
160
170

EEMC Run=7140046 Event=94650 Sector=1
hV
Entries 288
Mean 76.46
RMS 6.032
0.05
0.04
0.03
0.02
0.01
0
60
65
70
75
80
85
90
95
100
105

EEMC Run=7140046 Event=239174 Sector=10
hU
Entries 288
Mean 149.3
RMS 26.09
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7140046 Event=239174 Sector=10
hV
Entries 288
Mean 167.5
RMS 8.551
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200

EEMC Run=7140046 Event=246307 Sector=3
hU
Entries 288
Mean 74.95
RMS 10.93
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
50
60
70
80
90
100
110

EEMC Run=7140046 Event=246307 Sector=3
hV
Entries 288
Mean 55.7
RMS 9.837
0.05
0.04
0.03
0.02
0.01
0
20
30
40
50
60
70
80

EEMC Run=7140046 Event=331415 Sector=1
hU
Entries 288
Mean 102.2
RMS 9.559
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130

EEMC Run=7140046 Event=331415 Sector=1
hV
Entries 288
Mean 191.2
RMS 33.45
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
180
200
220
240

EEMC Run=7140046 Event=459362 Sector=4
hU
Entries 288
Mean 148.1
RMS 9.507
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170
180

EEMC Run=7140046 Event=459362 Sector=4
hV
Entries 288
Mean 163.2
RMS 30.06
0.025
0.02
0.015
0.01
0.005
0
120
140
160
180
200

EEMC Run=7140046 Event=488204 Sector=8
hU
Entries 288
Mean 163.1
RMS 28.04
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130 140 150 160 170 180 190 200 210

EEMC Run=7140046 Event=488204 Sector=8
hV
Entries 288
Mean 164
RMS 4.245
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
145 150 155 160 165 170 175 180

EEMC Run=7143012 Event=228096 Sector=7
hU
Entries 288
Mean 128.4
RMS 16.56
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170

EEMC Run=7143012 Event=228096 Sector=7
hV
Entries 288
Mean 56.94
RMS 17.59
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90
100

EEMC Run=7143012 Event=235733 Sector=12
hU
Entries 288
Mean 43.51
RMS 4.812
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70

EEMC Run=7143012 Event=235733 Sector=12
hV
Entries 288
Mean 40.61
RMS 6.566
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0
10
20
30
40
50
60

EEMC Run=7143012 Event=251558 Sector=6
hU
Entries 288
Mean 45.26
RMS 8.843
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
10
20
30
40
50
60

EEMC Run=7143012 Event=251558 Sector=6
hV
Entries 288
Mean 99.78
RMS 15.77
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120

EEMC Run=7143012 Event=79347 Sector=8
hU
Entries 288
Mean 123
RMS 13.56
0.025
0.02
0.015
0.01
0.005
0
100
110
120
130
140
150

EEMC Run=7143012 Event=79347 Sector=8
hV
Entries 288
Mean 167.9
RMS 32.01
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170
180
190
200
210

EEMC Run=7143012 Event=270041 Sector=4
hU
Entries 288
Mean 193.1
RMS 8.225
0.006
0.005
0.004
0.003
0.002
0.001
0
165 170 175 180 185 190 195 200 205

EEMC Run=7143012 Event=270041 Sector=4
hV
Entries 288
Mean 121.9
RMS 21.53
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
70 80 90 100 110 120 130 140 150 160

EEMC Run=7143012 Event=271935 Sector=6
hU
Entries 288
Mean 150.6
RMS 9.629
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150
160
170

EEMC Run=7143012 Event=271935 Sector=6
hV
Entries 288
Mean 101
RMS 8.952
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130

EEMC Run=7143012 Event=273360 Sector=11
hU
Entries 288
Mean 180.4
RMS 29.03
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7143012 Event=273360 Sector=11
hV
Entries 288
Mean 79.96
RMS 10.84
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100

EEMC Run=7143012 Event=276309 Sector=4
hU
Entries 288
Mean 109.9
RMS 23.86
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7143012 Event=276309 Sector=4
hV
Entries 288
Mean 198.9
RMS 17.62
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250

EEMC Run=7143012 Event=284045 Sector=7
hU
Entries 288
Mean 141.2
RMS 17.46
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110
120
130
140
150
160
170

EEMC Run=7143012 Event=284045 Sector=7
hV
Entries 288
Mean 183.5
RMS 27.9
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7143012 Event=374286 Sector=10
hU
Entries 288
Mean 174.9
RMS 6.981
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200

EEMC Run=7143012 Event=374286 Sector=10
hV
Entries 288
Mean 173.1
RMS 27.66
0.03
0.025
0.02
0.015
0.01
0.005
0
100
120
140
160
180
200

EEMC Run=7143012 Event=401869 Sector=5
hU
Entries 288
Mean 206.5
RMS 27.09
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160 170 180 190 200 210 220 230 240

EEMC Run=7143012 Event=401869 Sector=5
hV
Entries 288
Mean 136.9
RMS 11.76
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160

EEMC Run=7143012 Event=25320 Sector=11
hU
Entries 288
Mean 68.65
RMS 11.64
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90

EEMC Run=7143012 Event=25320 Sector=11
hV
Entries 288
Mean 70.68
RMS 8.253
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
55
60
65
70
75
80
85
90
95

EEMC Run=7143012 Event=356215 Sector=12
hU
Entries 288
Mean 184.9
RMS 8.438
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200

EEMC Run=7143012 Event=356215 Sector=12
hV
Entries 288
Mean 193.1
RMS 24.94
0.012
0.01
0.008
0.006
0.004
0.002
0
160
180
200
220
240

EEMC Run=7143012 Event=11441 Sector=10
hU
Entries 288
Mean 83.55
RMS 16.68
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120
130

EEMC Run=7143012 Event=11441 Sector=10
hV
Entries 288
Mean 155.1
RMS 9.577
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
150
160
170
180

EEMC Run=7143012 Event=13037 Sector=10
hU
Entries 288
Mean 45.42
RMS 11.5
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
20
30
40
50
60
70

EEMC Run=7143012 Event=13037 Sector=10
hV
Entries 288
Mean 102.6
RMS 17.09
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130

EEMC Run=7143012 Event=23788 Sector=11
hU
Entries 288
Mean 119.4
RMS 13.85
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150
160

EEMC Run=7143012 Event=23788 Sector=11
hV
Entries 288
Mean 198.8
RMS 9.875
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200
210
220

EEMC Run=7143012 Event=91351 Sector=10
hU
Entries 288
Mean 96.04
RMS 21.17
0.012
0.01
0.008
0.006
0.004
0.002
0
80
100
120
140
160

EEMC Run=7143012 Event=91351 Sector=10
hV
Entries 288
Mean 151.7
RMS 10.2
0.01
0.008
0.006
0.004
0.002
0
130
140
150
160
170
180
190

EEMC Run=7143012 Event=95834 Sector=9
hU
Entries 288
Mean 92.47
RMS 21.16
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
40
50
60
70
80
90
100
110
120

EEMC Run=7143012 Event=95834 Sector=9
hV
Entries 288
Mean 97.16
RMS 9.361
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
80
90
100
110
120

EEMC Run=7143012 Event=115423 Sector=5
hU
Entries 288
Mean 108.7
RMS 2.521
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
95
100
105
110
115
120
125

EEMC Run=7143012 Event=115423 Sector=5
hV
Entries 288
Mean 175.6
RMS 21.79
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170
180
190
200

EEMC Run=7143012 Event=134636 Sector=1
hU
Entries 288
Mean 106.1
RMS 15.07
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100
110
120
130

EEMC Run=7143012 Event=134636 Sector=1
hV
Entries 288
Mean 156.4
RMS 10.59
0.025
0.02
0.015
0.01
0.005
0
130
140
150
160
170
180

EEMC Run=7143012 Event=143636 Sector=9
hU
Entries 288
Mean 54.53
RMS 9.756
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70

EEMC Run=7143012 Event=143636 Sector=9
hV
Entries 288
Mean 121.4
RMS 17.13
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150

EEMC Run=7143012 Event=143659 Sector=12
hU
Entries 288
Mean 68.94
RMS 8.987
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110

EEMC Run=7143012 Event=143659 Sector=12
hV
Entries 288
Mean 91.67
RMS 14
0.03
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130
140

EEMC Run=7143012 Event=330883 Sector=4
hU
Entries 288
Mean 126.4
RMS 20.48
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
90
100
110
120
130
140
150

EEMC Run=7143012 Event=330883 Sector=4
hV
Entries 288
Mean 54.84
RMS 4.654
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
35
40
45
50
55
60
65
70
75

EEMC Run=7143012 Event=441212 Sector=3
hU
Entries 288
Mean 88.36
RMS 17.19
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100
110
120

EEMC Run=7143012 Event=441212 Sector=3
hV
Entries 288
Mean 143.2
RMS 7.706
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160

EEMC Run=7143012 Event=57841 Sector=12
hU
Entries 288
Mean 102.9
RMS 10.37
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130

EEMC Run=7143012 Event=57841 Sector=12
hV
Entries 288
Mean 72.2
RMS 19.28
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40
50
60
70
80
90
100
110

EEMC Run=7143012 Event=61714 Sector=11
hU
Entries 288
Mean 69.48
RMS 14.28
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100
110

EEMC Run=7143012 Event=61714 Sector=11
hV
Entries 288
Mean 53.37
RMS 5.289
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
35
40
45
50
55
60
65
70

EEMC Run=7143012 Event=61714 Sector=11
hU
Entries 288
Mean 69.48
RMS 14.28
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110

EEMC Run=7143012 Event=61714 Sector=11
hV
Entries 288
Mean 53.37
RMS 5.289
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
35
40
45
50
55
60
65
70
75

EEMC Run=7136022 Event=99412 Sector=9
hU
Entries 288
Mean 169.9
RMS 18.7
0.03
0.025
0.02
0.015
0.01
0.005
0
140 150 160 170 180 190 200 210 220

EEMC Run=7136022 Event=99412 Sector=9
hV
Entries 288
Mean 162.5
RMS 22.69
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
130 140 150 160 170 180 190 200 210

EEMC Run=7136022 Event=102302 Sector=9
hU
Entries 288
Mean 155.5
RMS 28.55
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136022 Event=102302 Sector=9
hV
Entries 288
Mean 220.3
RMS 9.501
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
200 205 210 215 220 225 230 235 240 245

EEMC Run=7136022 Event=105435 Sector=3
hU
Entries 288
Mean 134.9
RMS 21.31
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130 140 150 160

EEMC Run=7136022 Event=105435 Sector=3
hV
Entries 288
Mean 203.3
RMS 20.75
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140 150 160 170 180 190 200 210 220 230

EEMC Run=7136022 Event=112720 Sector=4
hU
Entries 288
Mean 100.3
RMS 25.3
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120
130
140

EEMC Run=7136022 Event=112720 Sector=4
hV
Entries 288
Mean 116.4
RMS 7.628
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140

EEMC Run=7136022 Event=3423 Sector=5
hU
Entries 288
Mean 133.4
RMS 29.37
0.012
0.01
0.008
0.006
0.004
0.002
0
100
120
140
160
180

EEMC Run=7136022 Event=3423 Sector=5
hV
Entries 288
Mean 164.7
RMS 5.574
0.01
0.008
0.006
0.004
0.002
0
145
150
155
160
165
170
175
180
185

EEMC Run=7136022 Event=289233 Sector=1
hU
Entries 288
Mean 111.4
RMS 29.45
0.025
0.02
0.015
0.01
0.005
0
80
100
120
140
160

EEMC Run=7136022 Event=289233 Sector=1
hV
Entries 288
Mean 206.6
RMS 27.69
0.025
0.02
0.015
0.01
0.005
0
180
200
220
240
260

EEMC Run=7136022 Event=290189 Sector=5
hU
Entries 288
Mean 103.9
RMS 6.052
0.025
0.02
0.015
0.01
0.005
0
80
85
90
95
100
105
110
115
120

EEMC Run=7136022 Event=290189 Sector=5
hV
Entries 288
Mean 69.91
RMS 12.01
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50
60
70
80
90
100
110
120
130

EEMC Run=7136022 Event=300369 Sector=6
hU
Entries 288
Mean 160.6
RMS 21.35
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200

EEMC Run=7136022 Event=300369 Sector=6
hV
Entries 288
Mean 104.4
RMS 8.118
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90 100 110 120 130

EEMC Run=7136022 Event=322950 Sector=5
hU
Entries 288
Mean 201.1
RMS 9.424
0.025
0.02
0.015
0.01
0.005
0
170
180
190
200
210
220

EEMC Run=7136022 Event=322950 Sector=5
hV
Entries 288
Mean 162.7
RMS 33.05
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136022 Event=323579 Sector=11
hU
Entries 288
Mean 90.24
RMS 11.18
0.03
0.025
0.02
0.015
0.01
0.005
0
60
70
80
90
100
110

EEMC Run=7136022 Event=323579 Sector=11
hV
Entries 288
Mean 169.5
RMS 28
0.025
0.02
0.015
0.01
0.005
0
110
120
130
140
150
160
170
180
190
200

EEMC Run=7136022 Event=324342 Sector=5
hU
Entries 288
Mean 168.6
RMS 11.84
0.03
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180
190
200

EEMC Run=7136022 Event=324342 Sector=5
hV
Entries 288
Mean 230.9
RMS 28.04
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250
260
270

EEMC Run=7136022 Event=158156 Sector=8
hU
Entries 288
Mean 174.9
RMS 20.64
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
110 120 130 140 150 160 170 180 190 200

EEMC Run=7136022 Event=158156 Sector=8
hV
Entries 288
Mean 146.8
RMS 5.586
0.025
0.02
0.015
0.01
0.005
0
130 140 150 160 170 180

EEMC Run=7136022 Event=262433 Sector=1
hU
Entries 288
Mean 160.5
RMS 34.88
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200
220

EEMC Run=7136022 Event=262433 Sector=1
hV
Entries 288
Mean 183.6
RMS 11.99
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
150
160
170
180
190
200
210

EEMC Run=7136022 Event=266883 Sector=1
hU
Entries 288
Mean 173.5
RMS 6.626
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180
190

EEMC Run=7136022 Event=266883 Sector=1
hV
Entries 288
Mean 114.6
RMS 8.526
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120
130

EEMC Run=7136022 Event=268331 Sector=7
hU
Entries 288
Mean 196.3
RMS 24.33
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200
220

EEMC Run=7136022 Event=268331 Sector=7
hV
Entries 288
Mean 215
RMS 12.28
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
190
200
210
220
230
240
250
260

EEMC Run=7136022 Event=27813 Sector=10
hU
Entries 288
Mean 180
RMS 21.17
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
150
160
170
180
190
200
210

EEMC Run=7136022 Event=27813 Sector=10
hV
Entries 288
Mean 109.9
RMS 15.73
0.025
0.02
0.015
0.01
0.005
0
80
90
100
110
120
130
140

EEMC Run=7136022 Event=80230 Sector=11
hU
Entries 288
Mean 120
RMS 8.227
0.03
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140

EEMC Run=7136022 Event=80230 Sector=11
hV
Entries 288
Mean 192.9
RMS 25.25
0.025
0.02
0.015
0.01
0.005
0
160
170
180
190
200
210
220
230
240

EEMC Run=7136022 Event=136621 Sector=9
hU
Entries 288
Mean 45.79
RMS 16.66
0.012
0.01
0.008
0.006
0.004
0.002
0
10
20
30
40
50
60
70

EEMC Run=7136022 Event=136621 Sector=9
hV
Entries 288
Mean 80.21
RMS 8.696
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
60
70
80
90
100
110
120

EEMC Run=7136022 Event=143872 Sector=7
hU
Entries 288
Mean 40.97
RMS 8.92
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0
10
20
30
40
50
60

EEMC Run=7136022 Event=143872 Sector=7
hV
Entries 288
Mean 105.4
RMS 12.62
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130

EEMC Run=7136022 Event=217220 Sector=10
hU
Entries 288
Mean 88.66
RMS 11.25
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110

EEMC Run=7136022 Event=217220 Sector=10
hV
Entries 288
Mean 53.03
RMS 11.27
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90

EEMC Run=7136022 Event=44707 Sector=5
hU
Entries 288
Mean 144.7
RMS 12.17
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100
110
120
130
140
150
160
170

EEMC Run=7136022 Event=44707 Sector=5
hV
Entries 288
Mean 109.1
RMS 8.823
0.03
0.025
0.02
0.015
0.01
0.005
0
85
90
95
100
105
110
115
120
125

EEMC Run=7136022 Event=258074 Sector=2
hU
Entries 288
Mean 115.4
RMS 6.982
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140

EEMC Run=7136022 Event=258074 Sector=2
hV
Entries 288
Mean 70.33
RMS 22.8
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90
100

EEMC Run=7136022 Event=259694 Sector=10
hU
Entries 288
Mean 71.6
RMS 5.356
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
50 55 60 65 70 75 80 85 90

EEMC Run=7136022 Event=259694 Sector=10
hV
Entries 288
Mean 121.4
RMS 22.05
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130 140 150 160

EEMC Run=7136034 Event=111418 Sector=3
hU
Entries 288
Mean 101.6
RMS 4.714
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 85 90 95 100 105 110 115 120

EEMC Run=7136034 Event=111418 Sector=3
hV
Entries 288
Mean 65.01
RMS 16.05
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40 50 60 70 80 90 100 110 120

EEMC Run=7136034 Event=216869 Sector=5
hU
Entries 288
Mean 57.77
RMS 12.69
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
10
20
30
40
50
60
70

EEMC Run=7136034 Event=216869 Sector=5
hV
Entries 288
Mean 86.83
RMS 9.957
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110

EEMC Run=7136034 Event=225276 Sector=5
hU
Entries 288
Mean 141.9
RMS 34.39
0.006
0.005
0.004
0.003
0.002
0.001
0
100
120
140
160
180
200

EEMC Run=7136034 Event=225276 Sector=5
hV
Entries 288
Mean 192.6
RMS 5.267
0.005
0.004
0.003
0.002
0.001
0
175
180
185
190
195
200
205
210
215

EEMC Run=7136034 Event=68361 Sector=1
hU
Entries 288
Mean 237.6
RMS 14.69
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
200
220
240
260

EEMC Run=7136034 Event=68361 Sector=1
hV
Entries 288
Mean 173.5
RMS 5.114
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
155
160
165
170
175
180
185
190
195

EEMC Run=7136034 Event=303236 Sector=12
hU
Entries 288
Mean 173.6
RMS 13.73
0.03
0.025
0.02
0.015
0.01
0.005
0
140
150
160
170
180
190
200

EEMC Run=7136034 Event=303236 Sector=12
hV
Entries 288
Mean 122.5
RMS 27.9
0.03
0.025
0.02
0.015
0.01
0.005
0
70
80
90
100
110
120
130
140
150
160

EEMC Run=7136034 Event=308436 Sector=7
hU
Entries 288
Mean 115.8
RMS 6.791
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100 105 110 115 120 125 130 135

EEMC Run=7136034 Event=308436 Sector=7
hV
Entries 288
Mean 141.7
RMS 27.92
0.01
0.008
0.006
0.004
0.002
0
90 100 110 120 130 140 150 160 170 180

EEMC Run=7136034 Event=310833 Sector=5
hU
Entries 288
Mean 99.43
RMS 5.918
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80
85
90
95
100
105
110
115

EEMC Run=7136034 Event=310833 Sector=5
hV
Entries 288
Mean 133.2
RMS 21.35
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
100
110
120
130
140
150
160
170
180

EEMC Run=7136034 Event=36904 Sector=8
hU
Entries 288
Mean 145.8
RMS 15.77
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170
180
190

EEMC Run=7136034 Event=36904 Sector=8
hV
Entries 288
Mean 145.8
RMS 27.78
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136034 Event=46931 Sector=5
hU
Entries 288
Mean 68.69
RMS 15.94
0.03
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80
90

EEMC Run=7136034 Event=46931 Sector=5
hV
Entries 288
Mean 54.13
RMS 17.78
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70
80

EEMC Run=7136034 Event=50241 Sector=3
hU
Entries 288
Mean 70.37
RMS 11.52
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100
110
120

EEMC Run=7136034 Event=50241 Sector=3
hV
Entries 288
Mean 76.28
RMS 9.086
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90

EEMC Run=7136034 Event=56631 Sector=4
hU
Entries 288
Mean 72.95
RMS 12.14
0.03
0.025
0.02
0.015
0.01
0.005
0
50
60
70
80
90
100

EEMC Run=7136034 Event=56631 Sector=4
hV
Entries 288
Mean 45.18
RMS 10.52
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
20
30
40
50
60
70

EEMC Run=7136034 Event=149697 Sector=5
hU
Entries 288
Mean 104.5
RMS 19.66
0.024
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
60
70
80
90
100
110
120
130

EEMC Run=7136034 Event=149697 Sector=5
hV
Entries 288
Mean 124.4
RMS 17.22
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
90
100
110
120
130
140
150

EEMC Run=7136034 Event=75199 Sector=7
hU
Entries 288
Mean 124.8
RMS 11.96
0.03
0.025
0.02
0.015
0.01
0.005
0
100
110
120
130
140
150

EEMC Run=7136034 Event=75199 Sector=7
hV
Entries 288
Mean 76.74
RMS 18.05
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
30
40
50
60
70
80
90
100

EEMC Run=7136034 Event=75955 Sector=12
hU
Entries 288
Mean 99.31
RMS 4.204
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
80
85
90
95
100
105
110
115
120

EEMC Run=7136034 Event=75955 Sector=12
hV
Entries 288
Mean 146.3
RMS 29.51
0.025
0.02
0.015
0.01
0.005
0
120
140
160
180
200

EEMC Run=7136034 Event=180712 Sector=4
hU
Entries 288
Mean 57.04
RMS 9.789
0.025
0.02
0.015
0.01
0.005
0
30
40
50
60
70
80

EEMC Run=7136034 Event=180712 Sector=4
hV
Entries 288
Mean 63.75
RMS 12.04
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
40
50
60
70
80
90
100
110

EEMC Run=7136034 Event=197618 Sector=8
hU
Entries 288
Mean 124
RMS 10.86
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100 110 120 130 140 150 160 170 180 190

EEMC Run=7136034 Event=197618 Sector=8
hV
Entries 288
Mean 91.14
RMS 13.73
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120

EEMC Run=7136034 Event=206528 Sector=10
hU
Entries 288
Mean 190.6
RMS 19.13
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
140
160
180
200

EEMC Run=7136034 Event=206528 Sector=10
hV
Entries 288
Mean 219
RMS 15.04
0.025
0.02
0.015
0.01
0.005
0
200
210
220
230
240
250
260
270
280

EEMC Run=7136034 Event=287593 Sector=8
hU
Entries 288
Mean 169
RMS 29.86
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200 210

EEMC Run=7136034 Event=287593 Sector=8
hV
Entries 288
Mean 175.7
RMS 10.68
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
150 160 170 180 190 200

EEMC Run=7136034 Event=299197 Sector=7
hU
Entries 288
Mean 143.2
RMS 20.64
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
90
100
110
120
130
140
150
160
170

EEMC Run=7136034 Event=299197 Sector=7
hV
Entries 288
Mean 156.5
RMS 10.46
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120
130
140
150
160
170
180

EEMC Run=7136034 Event=12459 Sector=4
hU
Entries 288
Mean 131.7
RMS 19.47
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130 140 150 160 170

EEMC Run=7136034 Event=12459 Sector=4
hV
Entries 288
Mean 97.63
RMS 13.29
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130

EEMC Run=7136034 Event=27915 Sector=9
hU
Entries 288
Mean 113.7
RMS 11.32
0.03
0.025
0.02
0.015
0.01
0.005
0
90
100
110
120
130
140
150

EEMC Run=7136034 Event=27915 Sector=9
hV
Entries 288
Mean 101
RMS 19.59
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
70
80
90
100
110
120
130
140
150

EEMC Run=7136034 Event=119523 Sector=11
hU
Entries 288
Mean 117
RMS 6.525
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
100 105 110 115 120 125 130 135

EEMC Run=7136034 Event=119523 Sector=11
hV
Entries 288
Mean 91.43
RMS 26.36
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
40 50 60 70 80 90 100 110 120 130

EEMC Run=7136034 Event=119938 Sector=5
hU
Entries 288
Mean 180.9
RMS 19.05
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200 210

EEMC Run=7136034 Event=119938 Sector=5
hV
Entries 288
Mean 100.6
RMS 3.892
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
80 90 100 110 120 130

EEMC Run=7136034 Event=127642 Sector=6
hU
Entries 288
Mean 208.5
RMS 5.778
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
190 195 200 205 210 215 220 225 230

EEMC Run=7136034 Event=127642 Sector=6
hV
Entries 288
Mean 163.6
RMS 21.65
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
120 130 140 150 160 170 180 190 200

EEMC Run=7136034 Event=140793 Sector=6
hU
Entries 288
Mean 173.7
RMS 30.45
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
140
160
180
200
220
240

EEMC Run=7136034 Event=140793 Sector=6
hV
Entries 288
Mean 173.4
RMS 5.357
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
160
170
180
190
200

EEMC Run=7136034 Event=103888 Sector=9
hU
Entries 288
Mean 189.9
RMS 28.34
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
140
160
180
200
220
240

EEMC Run=7136034 Event=103888 Sector=9
hV
Entries 288
Mean 213.7
RMS 15.5
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
180
190
200
210
220
230
240
250