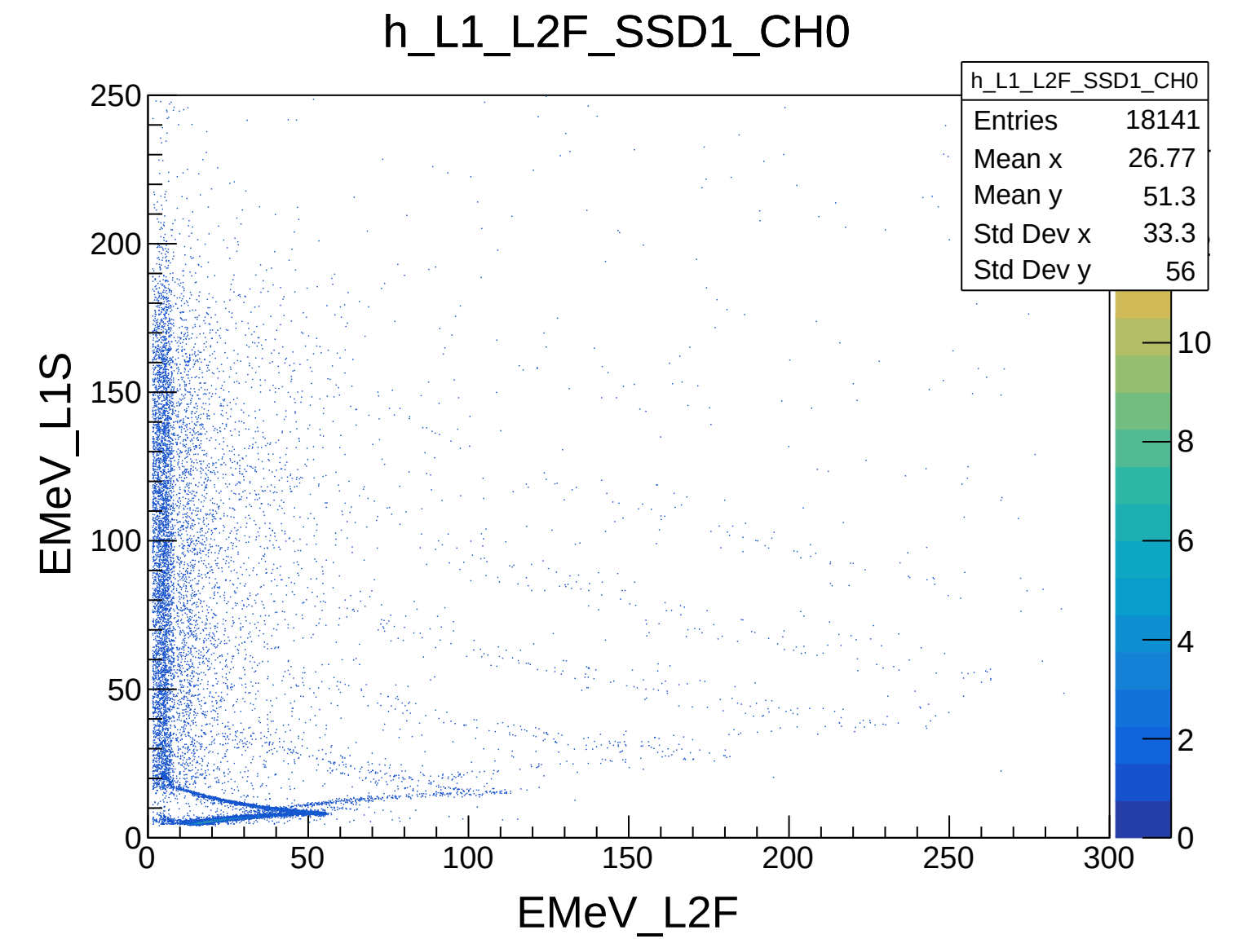
h_L1_L2F_SSD1_CH0
h_L1_L2F_SSD1_CH0
Entries 18141
Mean x 26.77
Mean y 51.3
Std Dev x 33.3
Std Dev y 56
EMeV_L1S
EMeV_L2F
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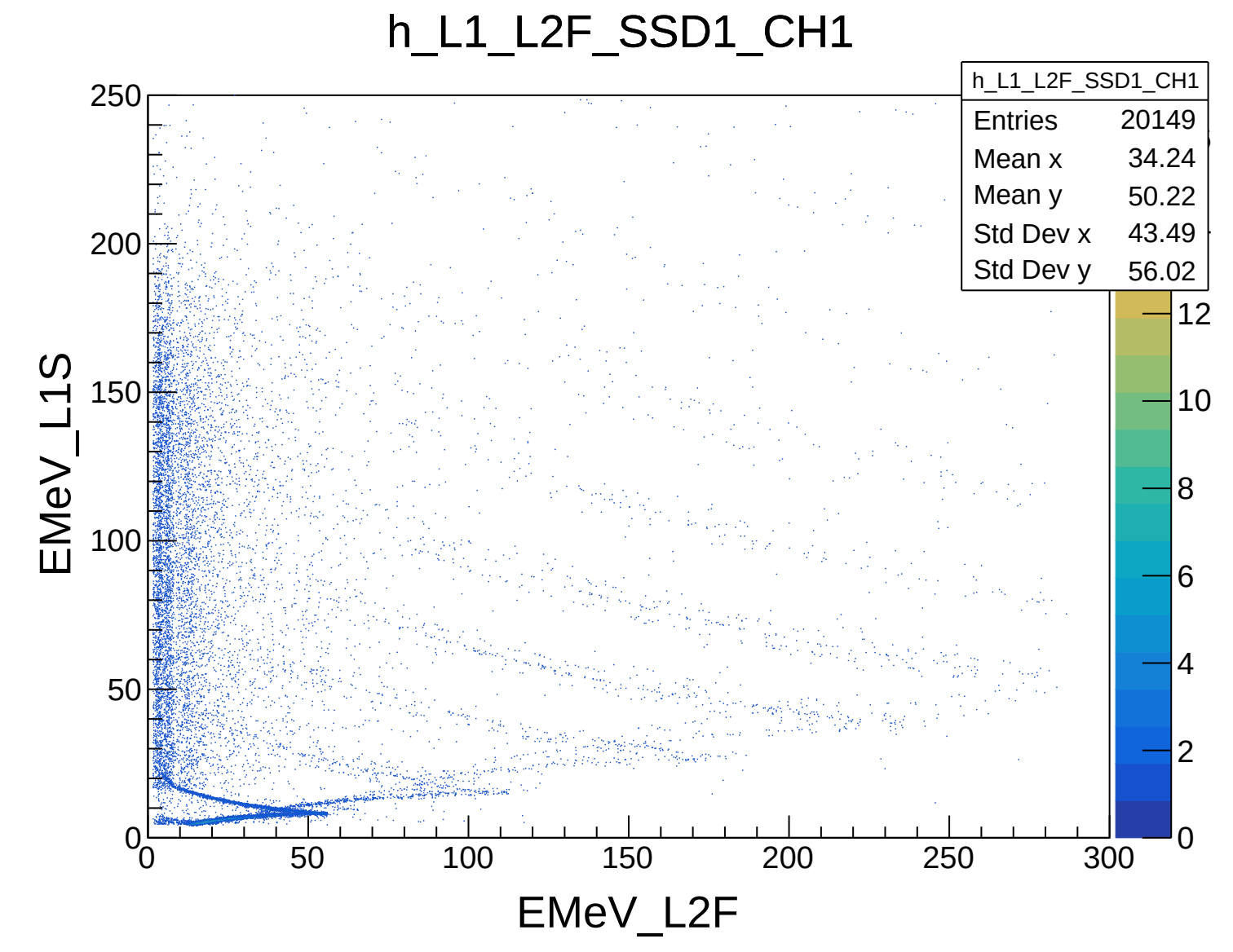
h_L1_L2F_SSD1_CH1
h_L1_L2F_SSD1_CH1
Entries 20149
Mean x 34.24
Mean y 50.22
Std Dev x 43.49
Std Dev y 56.02
EMeV_L1S
EMeV_L2F
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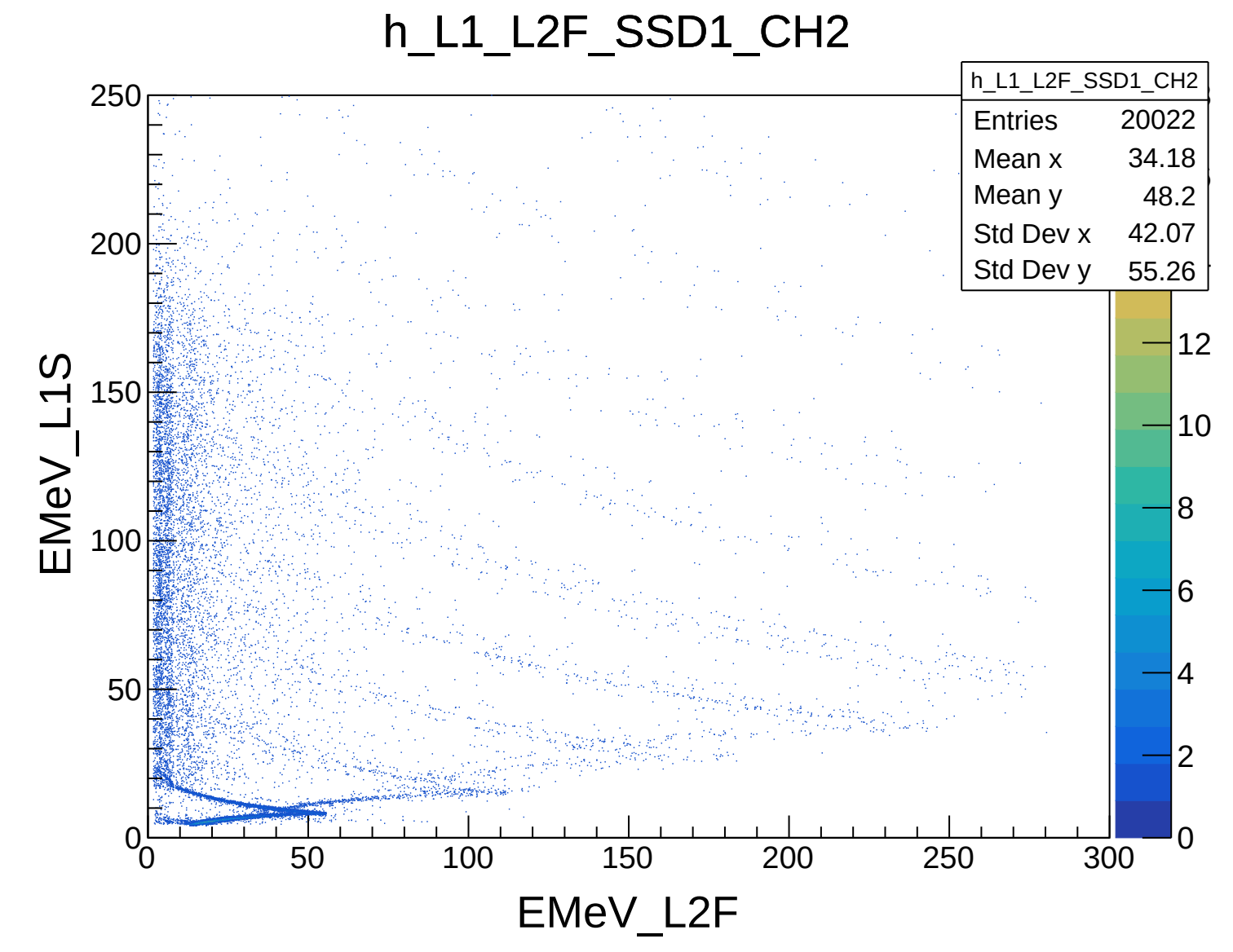
h_L1_L2F_SSD1_CH2
h_L1_L2F_SSD1_CH2
Entries 20022
Mean x 34.18
Mean y 48.2
Std Dev x 42.07
Std Dev y 55.26
EMeV_L1S
EMeV_L2F
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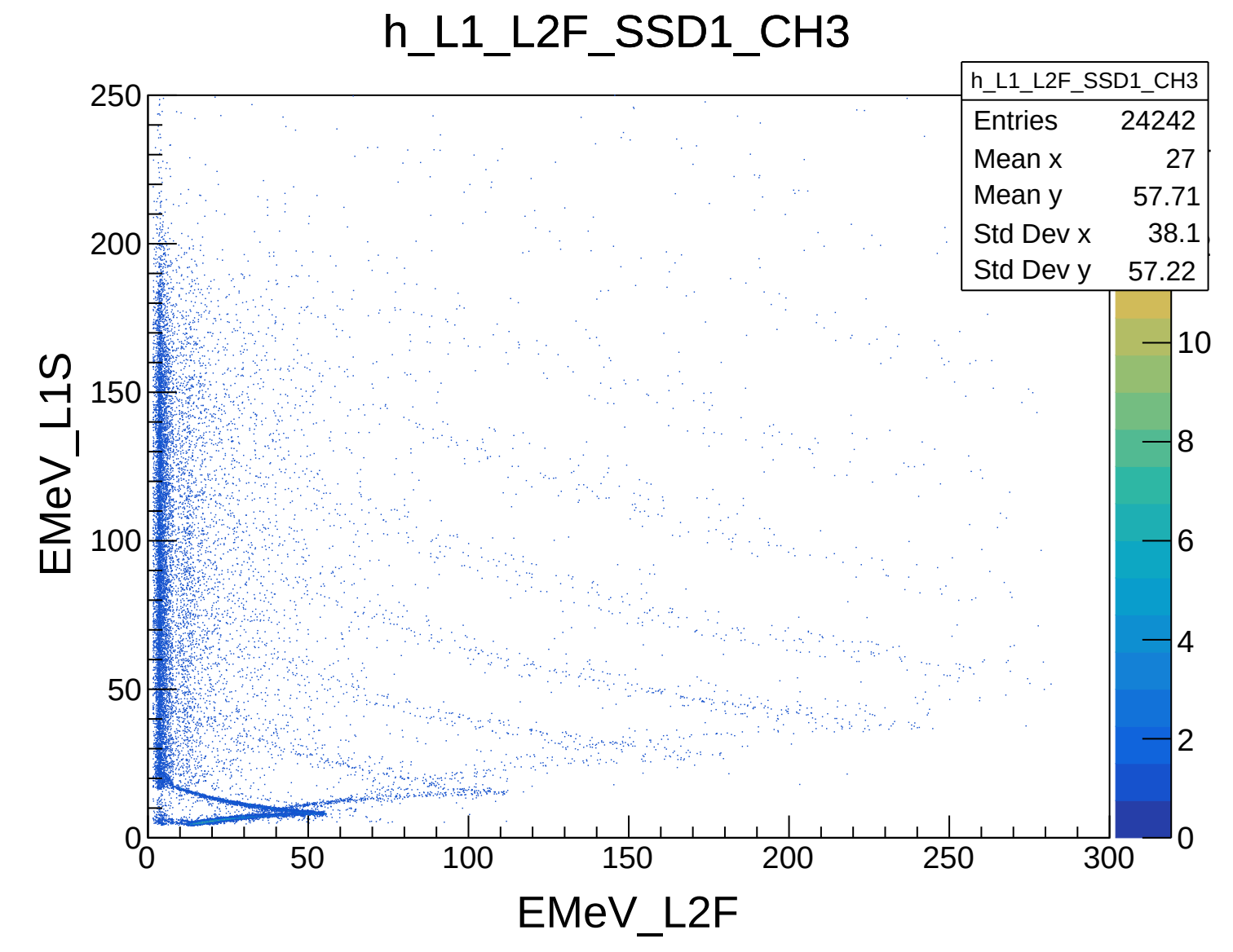
h_L1_L2F_SSD1_CH3
h_L1_L2F_SSD1_CH3
Entries 24242
Mean x 27
Mean y 57.71
Std Dev x 38.1
Std Dev y 57.22
EMeV_L1S
EMeV_L2F
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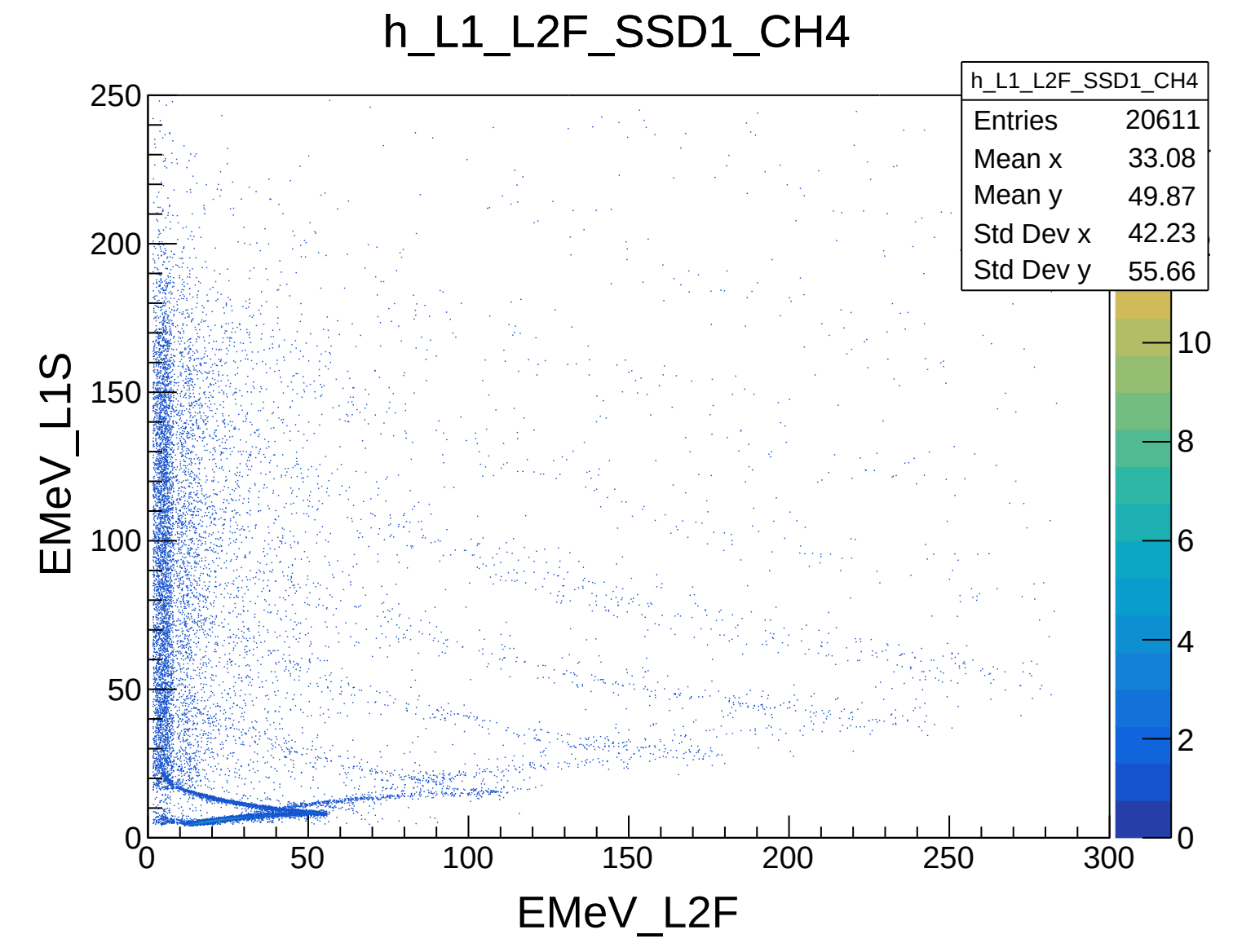
h_L1_L2F_SSD1_CH4
h_L1_L2F_SSD1_CH4
Entries 20611
Mean x 33.08
Mean y 49.87
Std Dev x 42.23
Std Dev y 55.66
EMeV_L1S
EMeV_L2F
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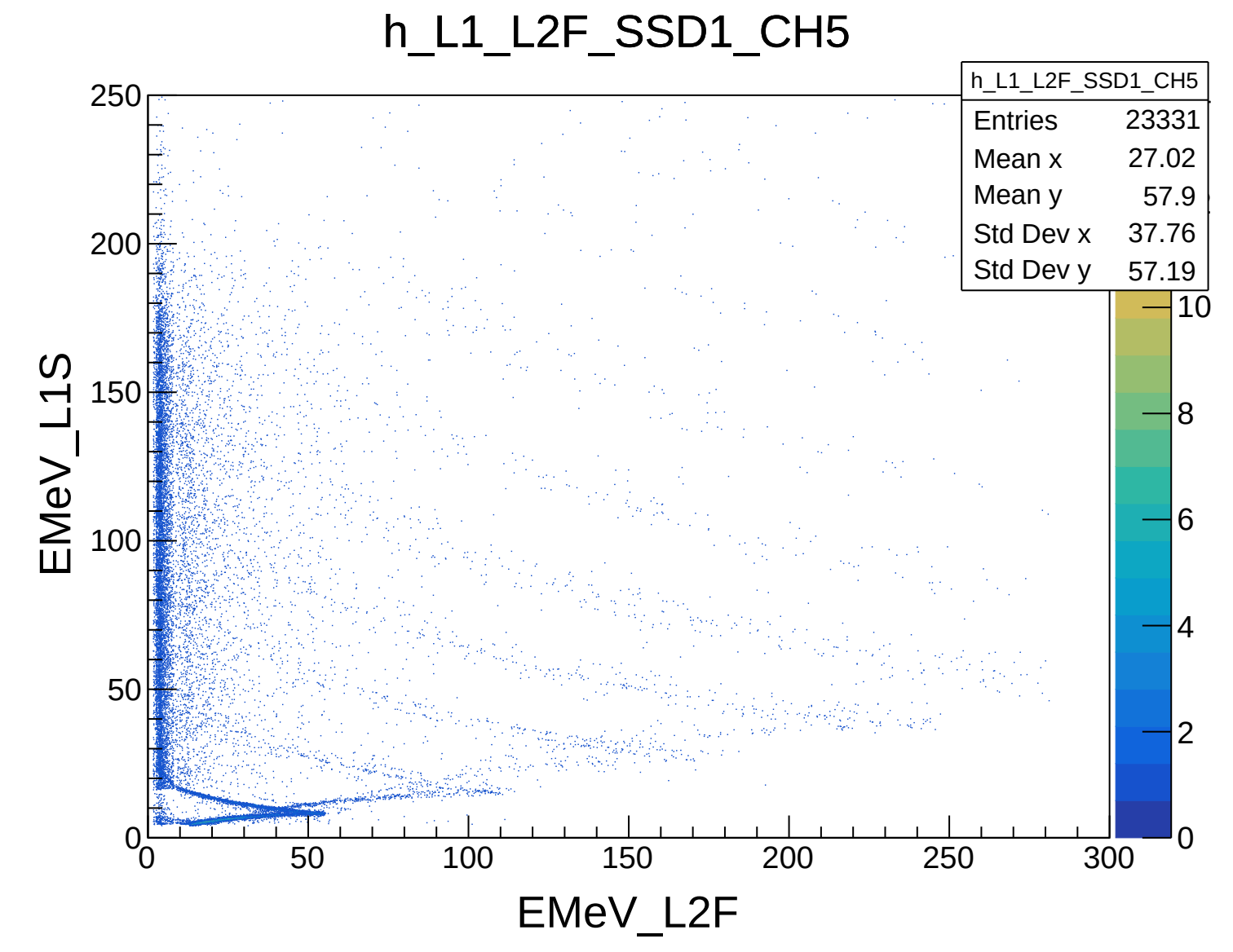
h_L1_L2F_SSD1_CH5
h_L1_L2F_SSD1_CH5
Entries 23331
Mean x 27.02
Mean y 57.9
Std Dev x 37.76
Std Dev y 57.19
EMeV_L1S
EMeV_L2F
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300
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8
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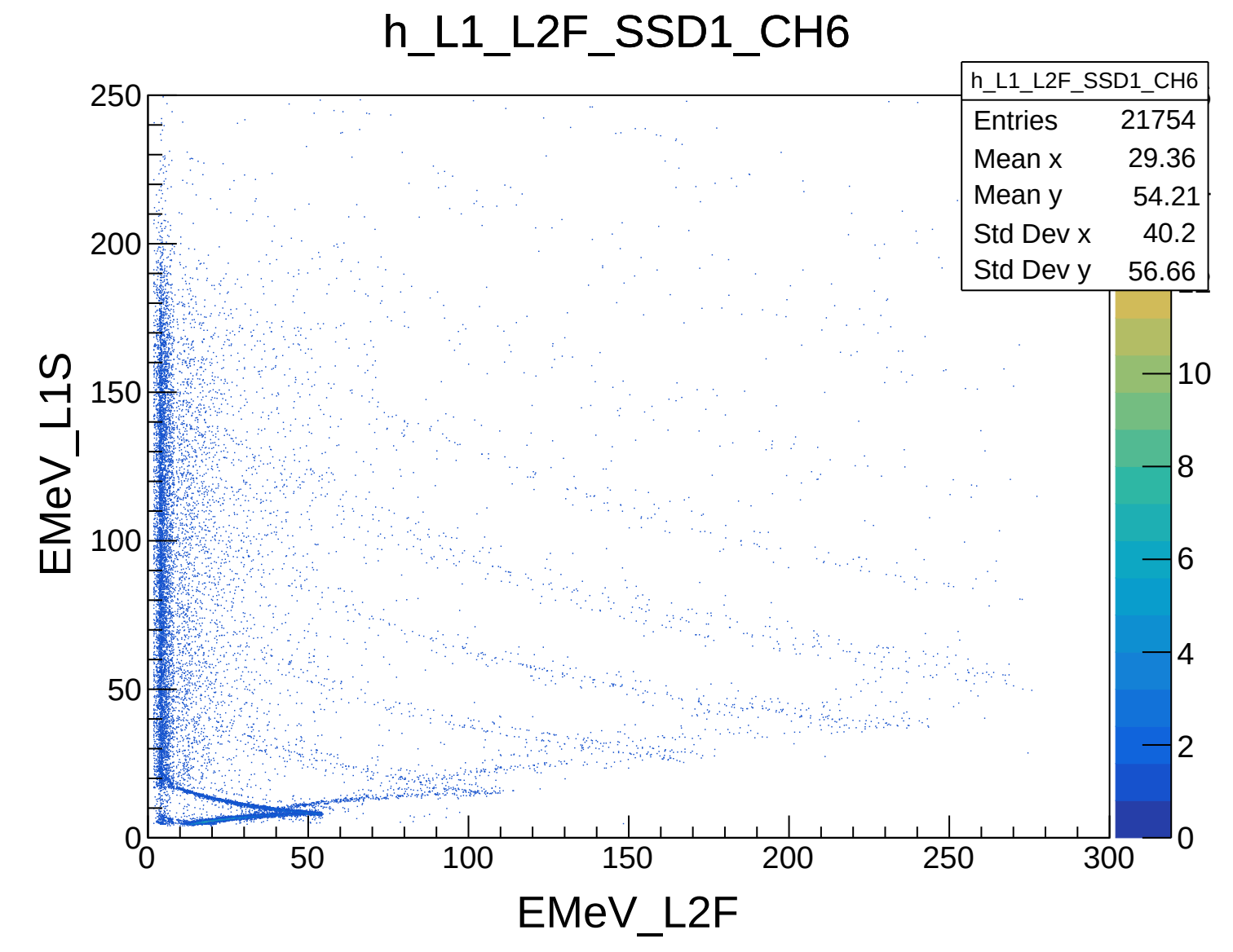
h_L1_L2F_SSD1_CH6
h_L1_L2F_SSD1_CH6
Entries 21754
Mean x 29.36
Mean y 54.21
Std Dev x 40.2
Std Dev y 56.66
EMeV_L1S
EMeV_L2F
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300
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4
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8
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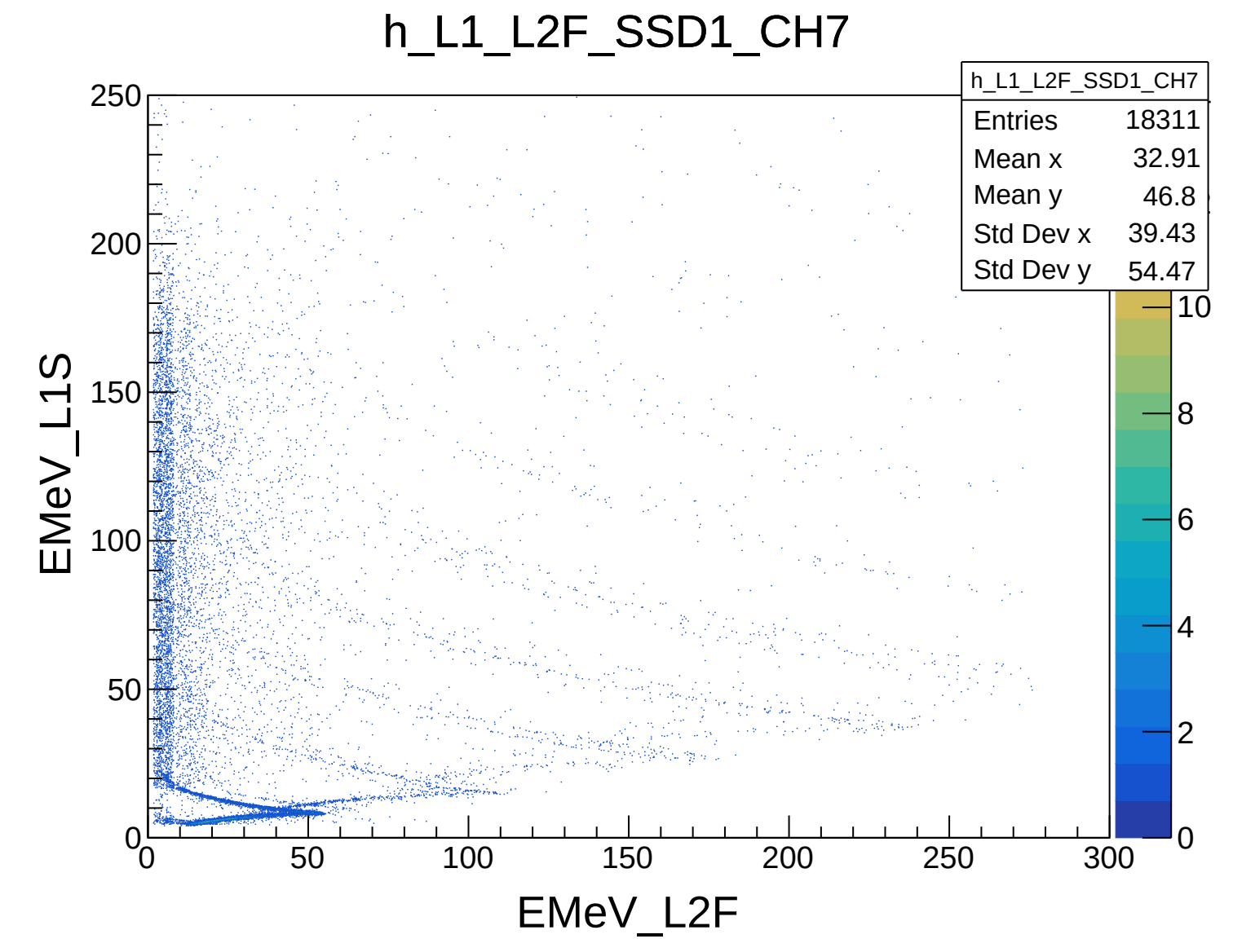
h_L1_L2F_SSD1_CH7
h_L1_L2F_SSD1_CH7
Entries 18311
Mean x 32.91
Mean y 46.8
Std Dev x 39.43
Std Dev y 54.47
EMeV_L1S
EMeV_L2F
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300
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4
6
8
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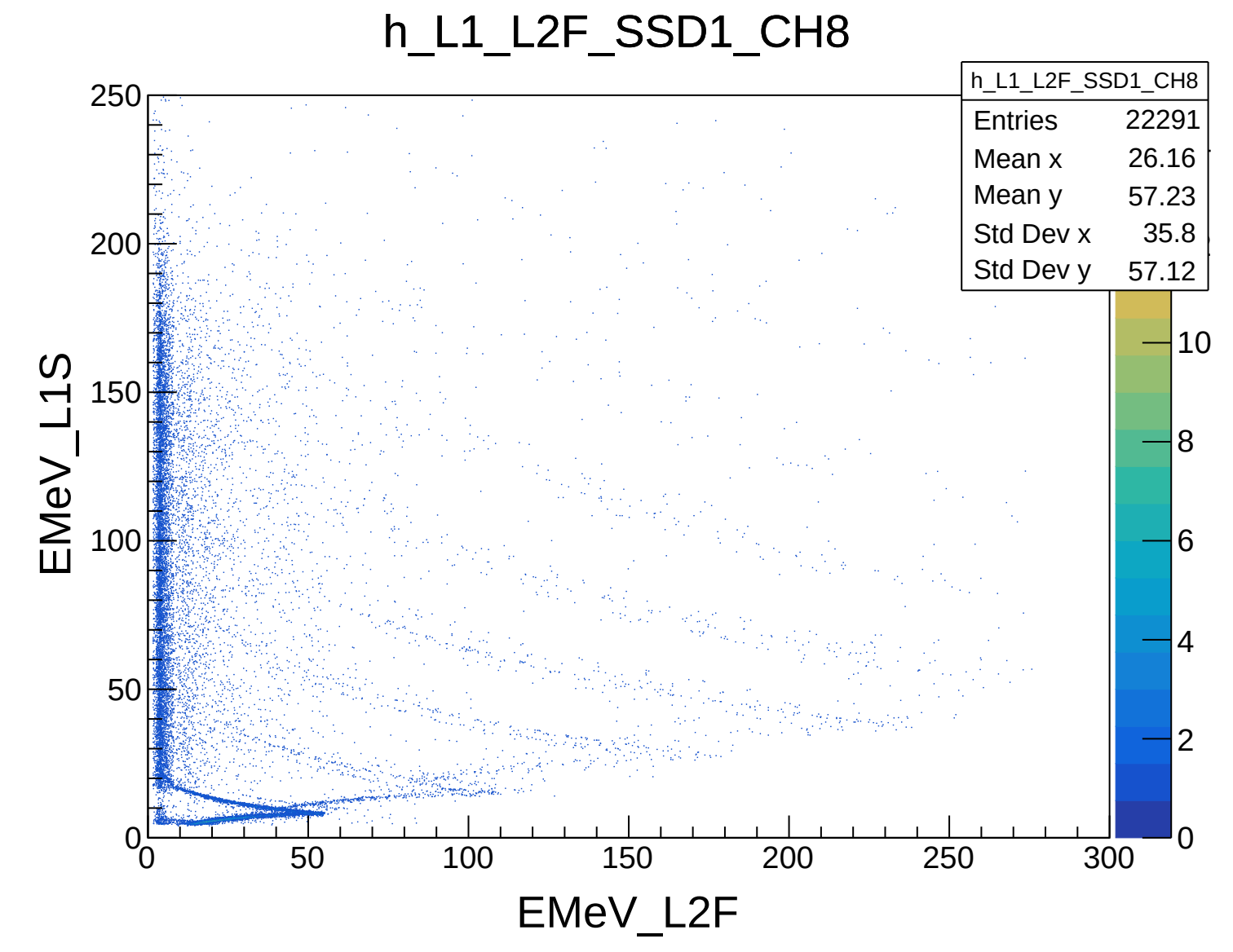
h_L1_L2F_SSD1_CH8
h_L1_L2F_SSD1_CH8
Entries 22291
Mean x 26.16
Mean y 57.23
Std Dev x 35.8
Std Dev y 57.12
EMeV_L1S
EMeV_L2F
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250
300
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4
6
8
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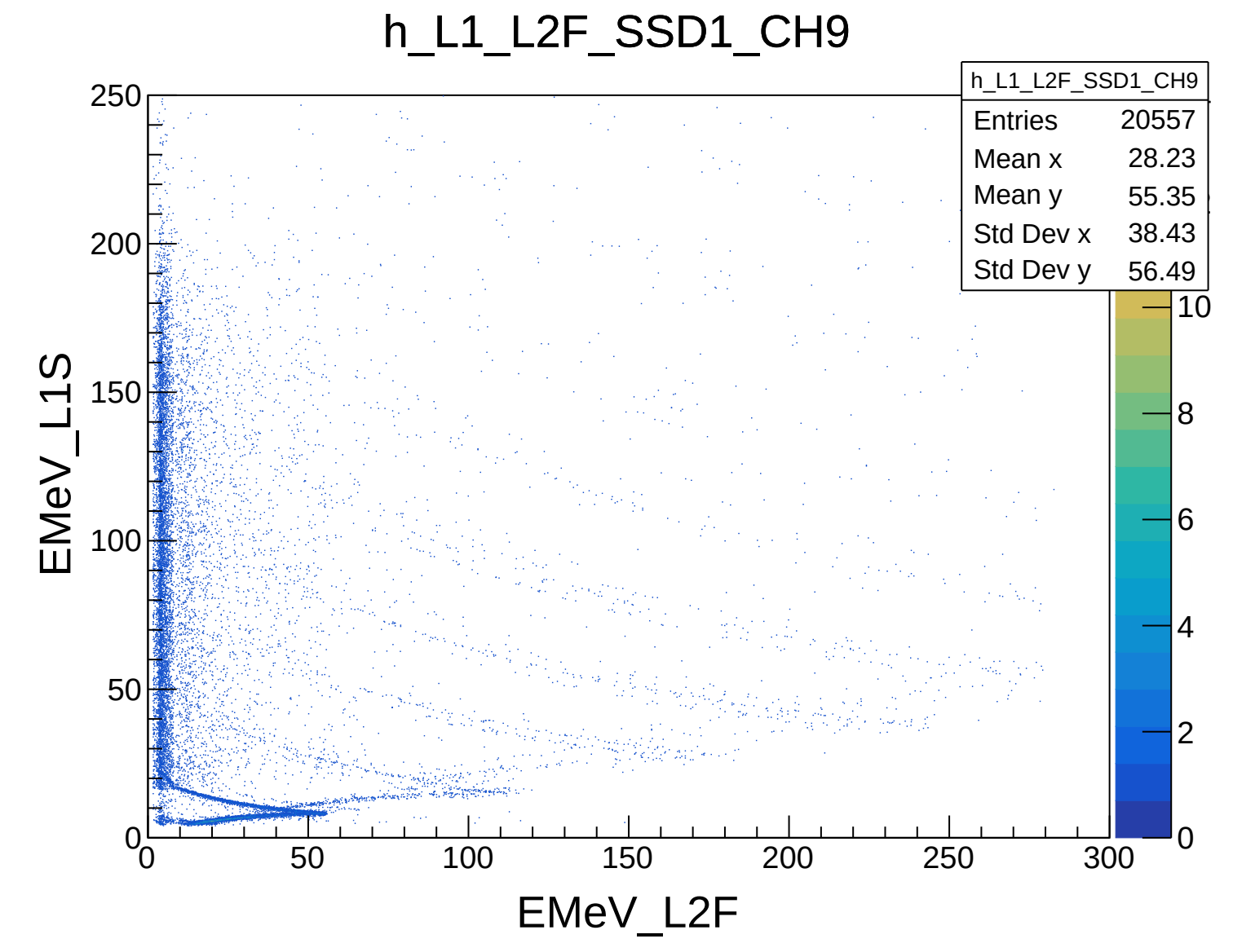
h_L1_L2F_SSD1_CH9
h_L1_L2F_SSD1_CH9
Entries 20557
Mean x 28.23
Mean y 55.35
Std Dev x 38.43
Std Dev y 56.49
EMeV_L1S
EMeV_L2F
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8
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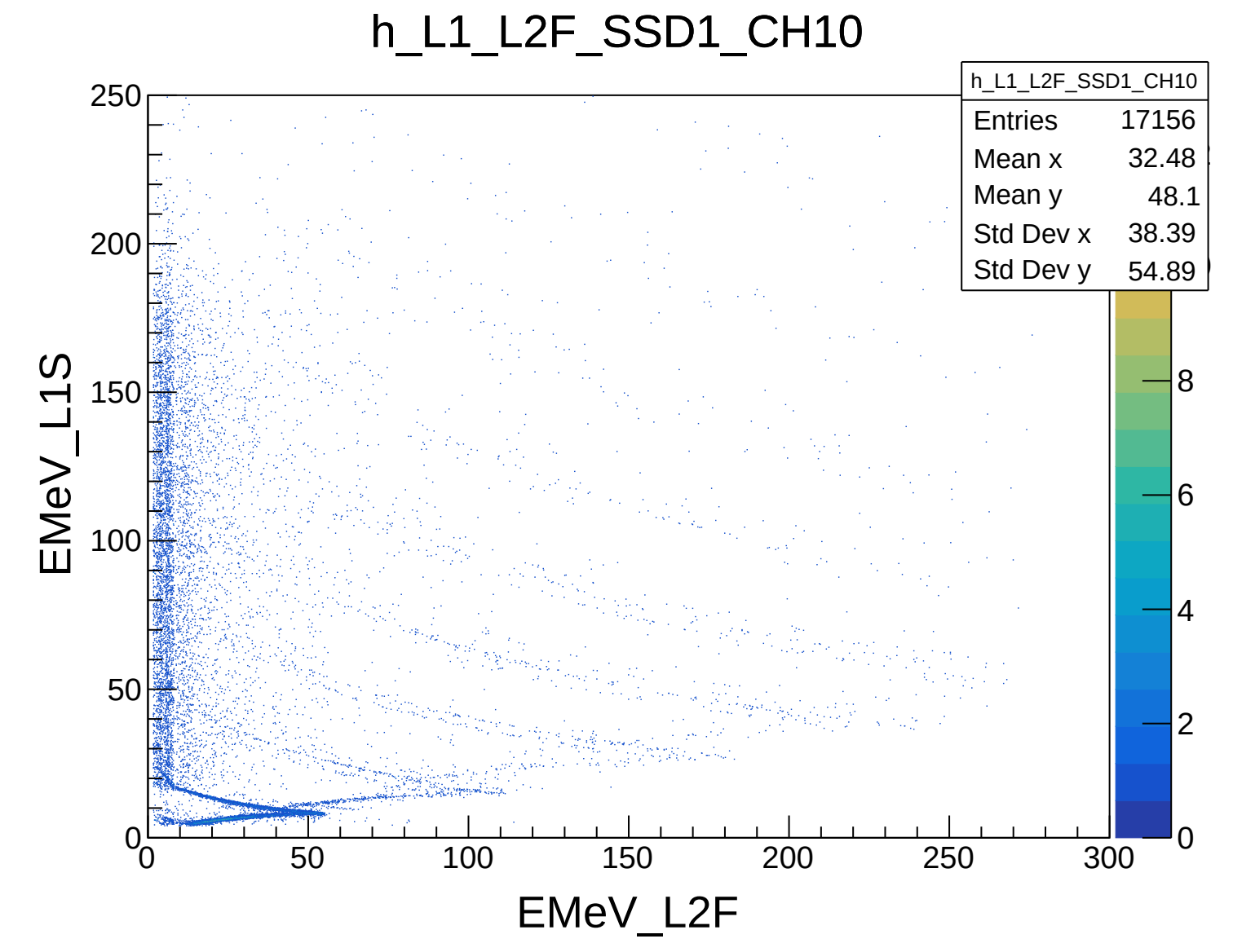
h_L1_L2F_SSD1_CH10
h_L1_L2F_SSD1_CH10
Entries 17156
Mean x 32.48
Mean y 48.1
Std Dev x 38.39
Std Dev y 54.89
EMeV_L1S
EMeV_L2F
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6
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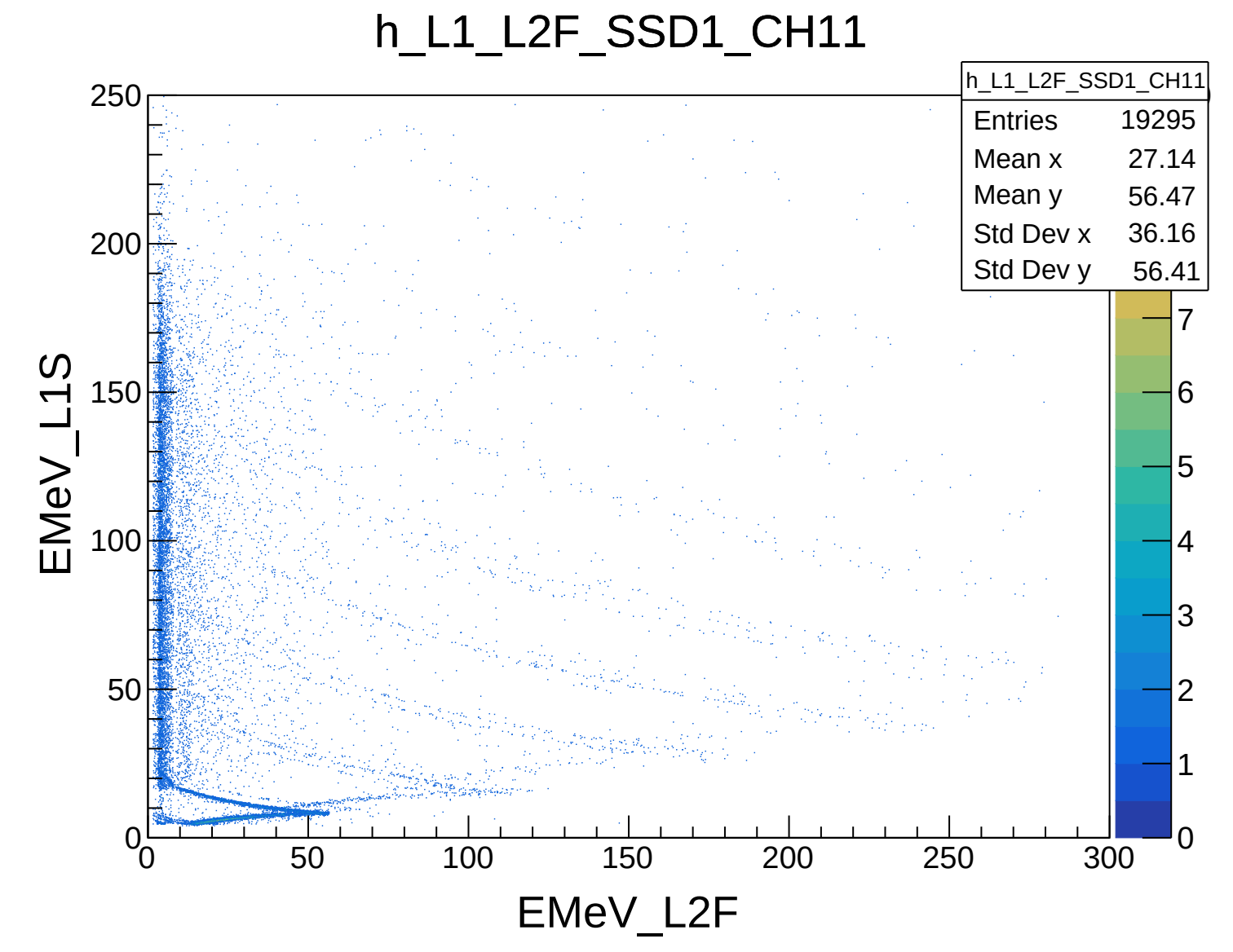
h_L1_L2F_SSD1_CH11
h_L1_L2F_SSD1_CH11
Entries 19295
Mean x 27.14
Mean y 56.47
Std Dev x 36.16
Std Dev y 56.41
EMeV_L1S
EMeV_L2F
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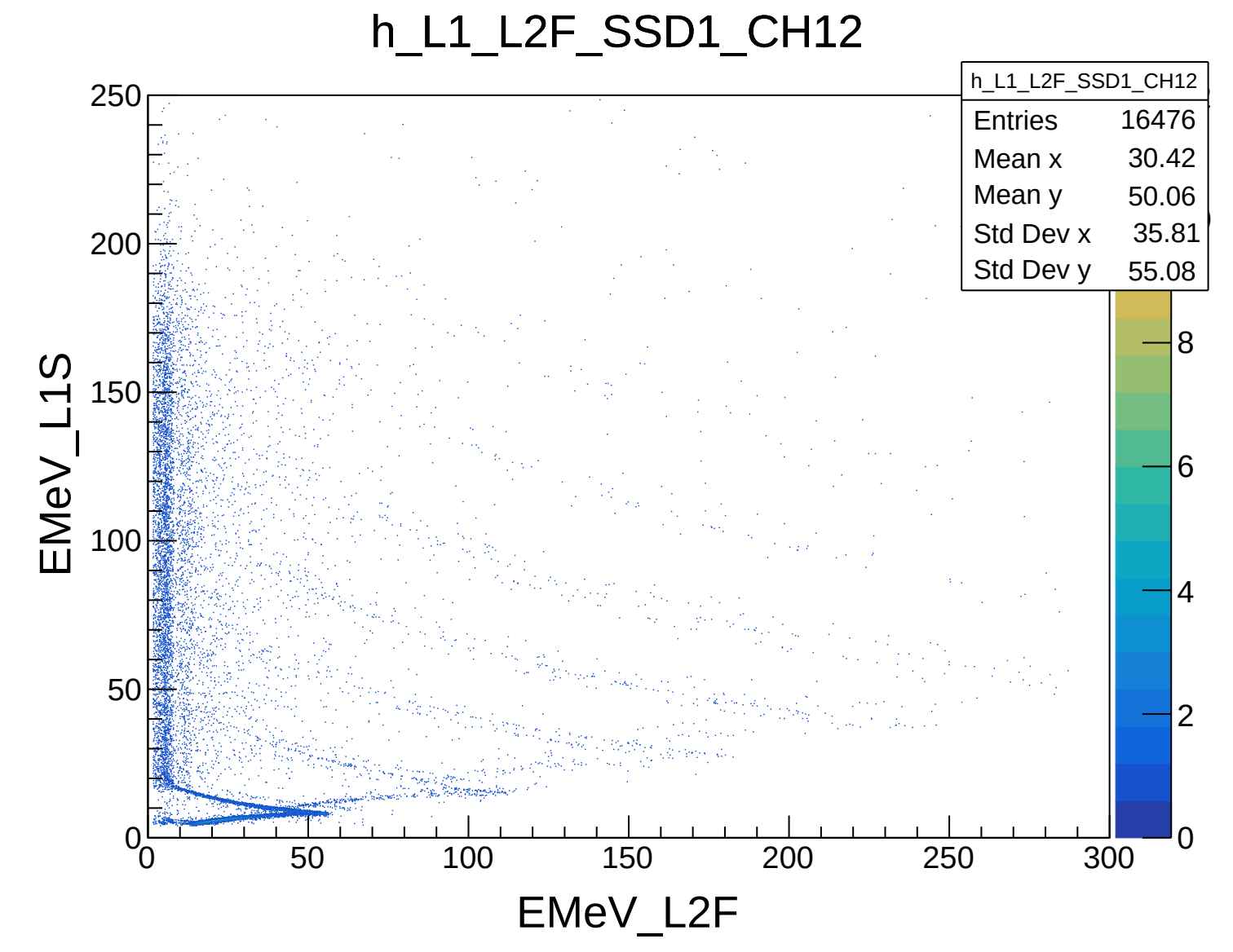
4
5
6
7


h_L1_L2F_SSD1_CH12
h_L1_L2F_SSD1_CH12
Entries 16476
Mean x 30.42
Mean y 50.06
Std Dev x 35.81
Std Dev y 55.08
EMeV_L1S
EMeV_L2F
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2
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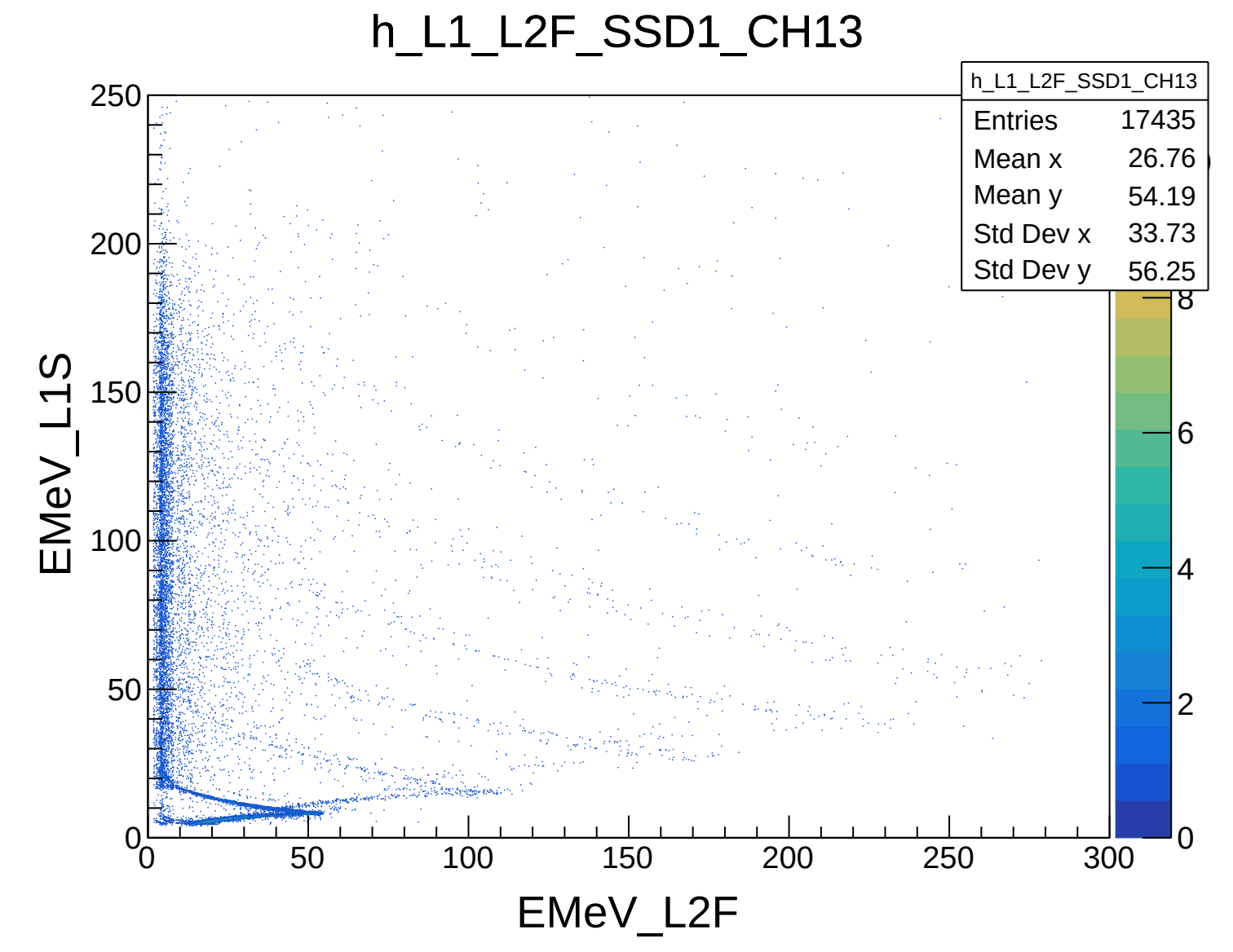
6
8


h_L1_L2F_SSD1_CH13
h_L1_L2F_SSD1_CH13
Entries 17435
Mean x 26.76
Mean y 54.19
Std Dev x 33.73
Std Dev y 56.25
EMeV_L1S
EMeV_L2F
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2
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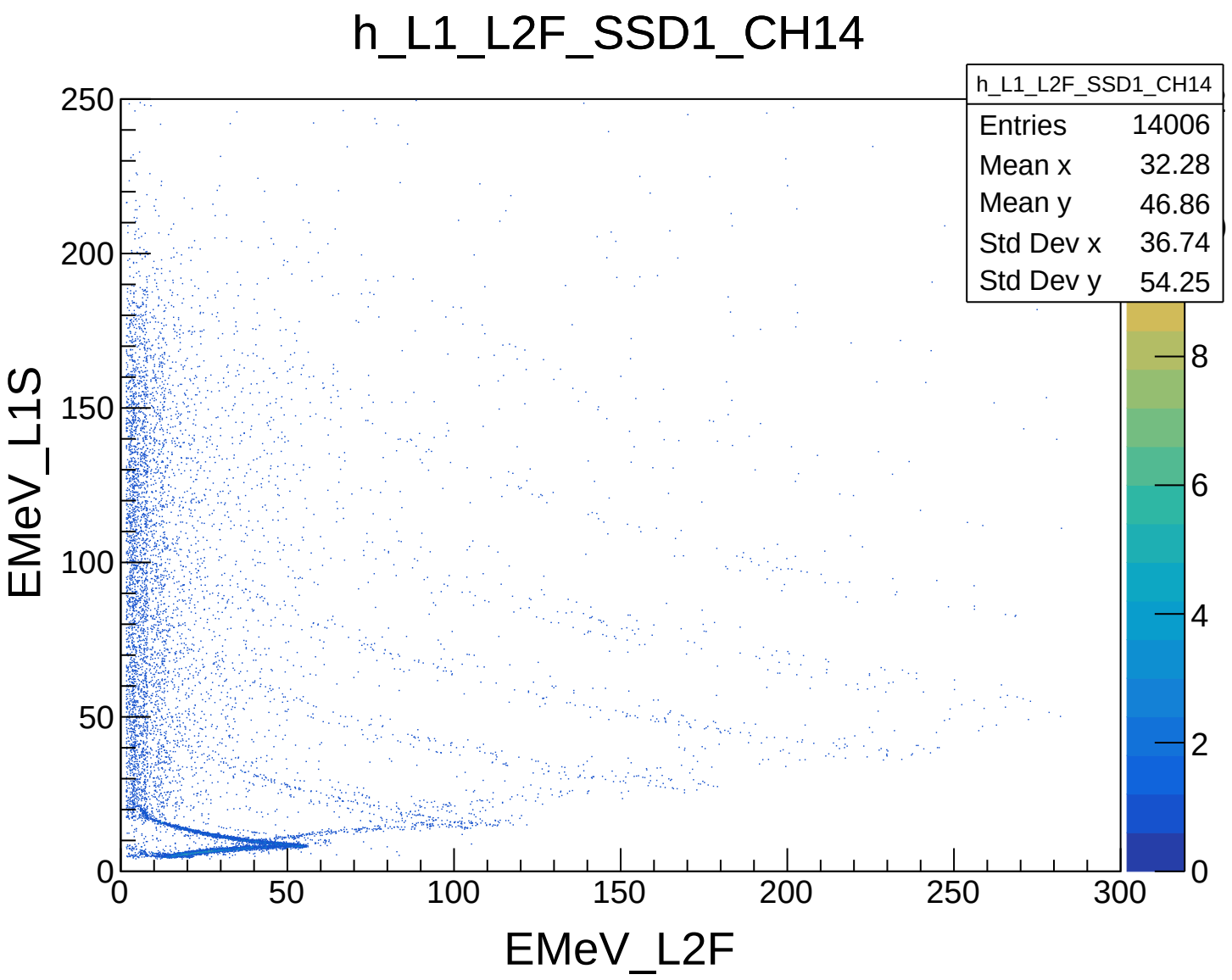
6
8


h_L1_L2F_SSD1_CH14
h_L1_L2F_SSD1_CH14
Entries 14006
Mean x 32.28
Mean y 46.86
Std Dev x 36.74
Std Dev y 54.25
EMeV_L1S
EMeV_L2F
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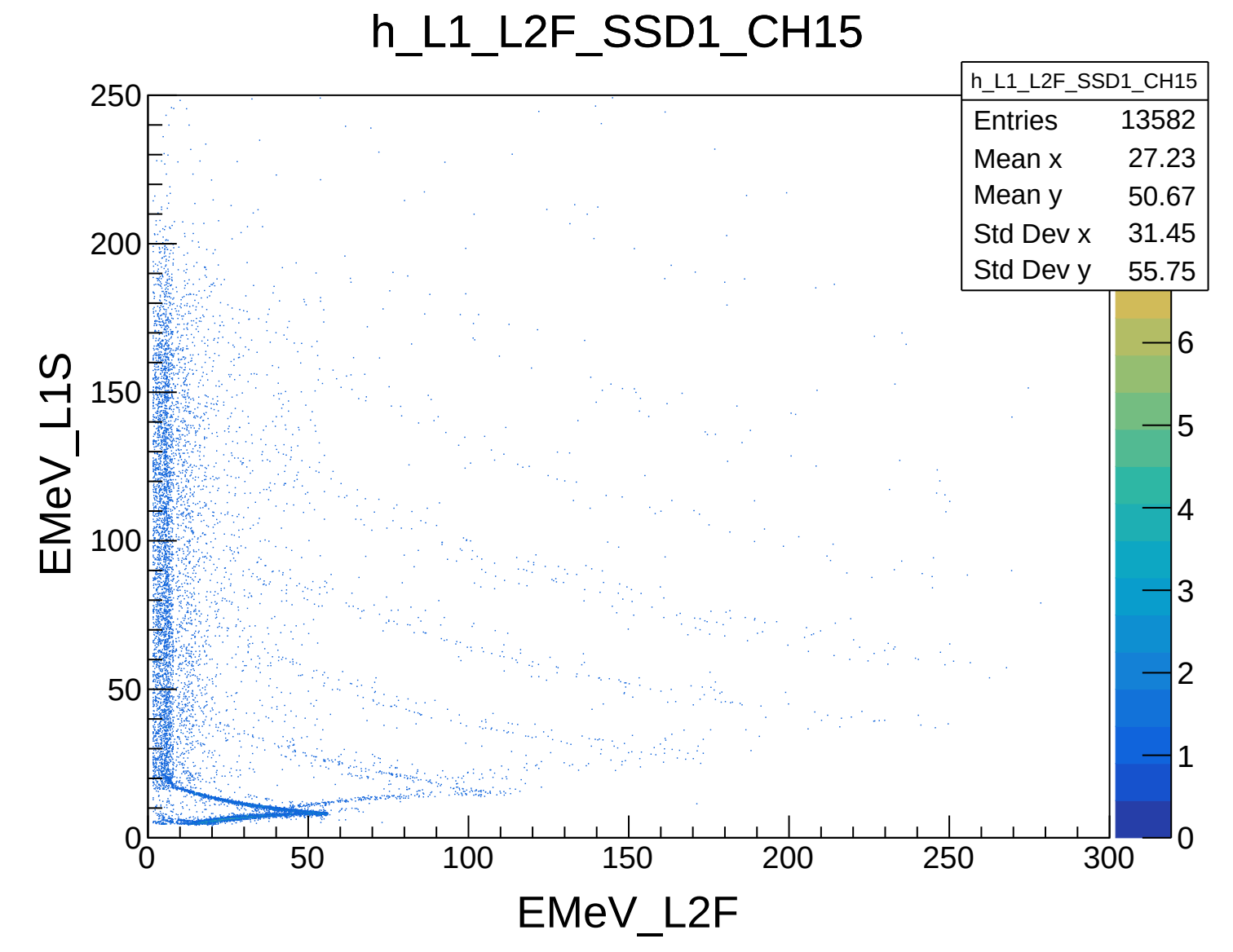
2
4
6
8


h_L1_L2F_SSD1_CH15
h_L1_L2F_SSD1_CH15
Entries 13582
Mean x 27.23
Mean y 50.67
Std Dev x 31.45
Std Dev y 55.75
EMeV_L1S
EMeV_L2F
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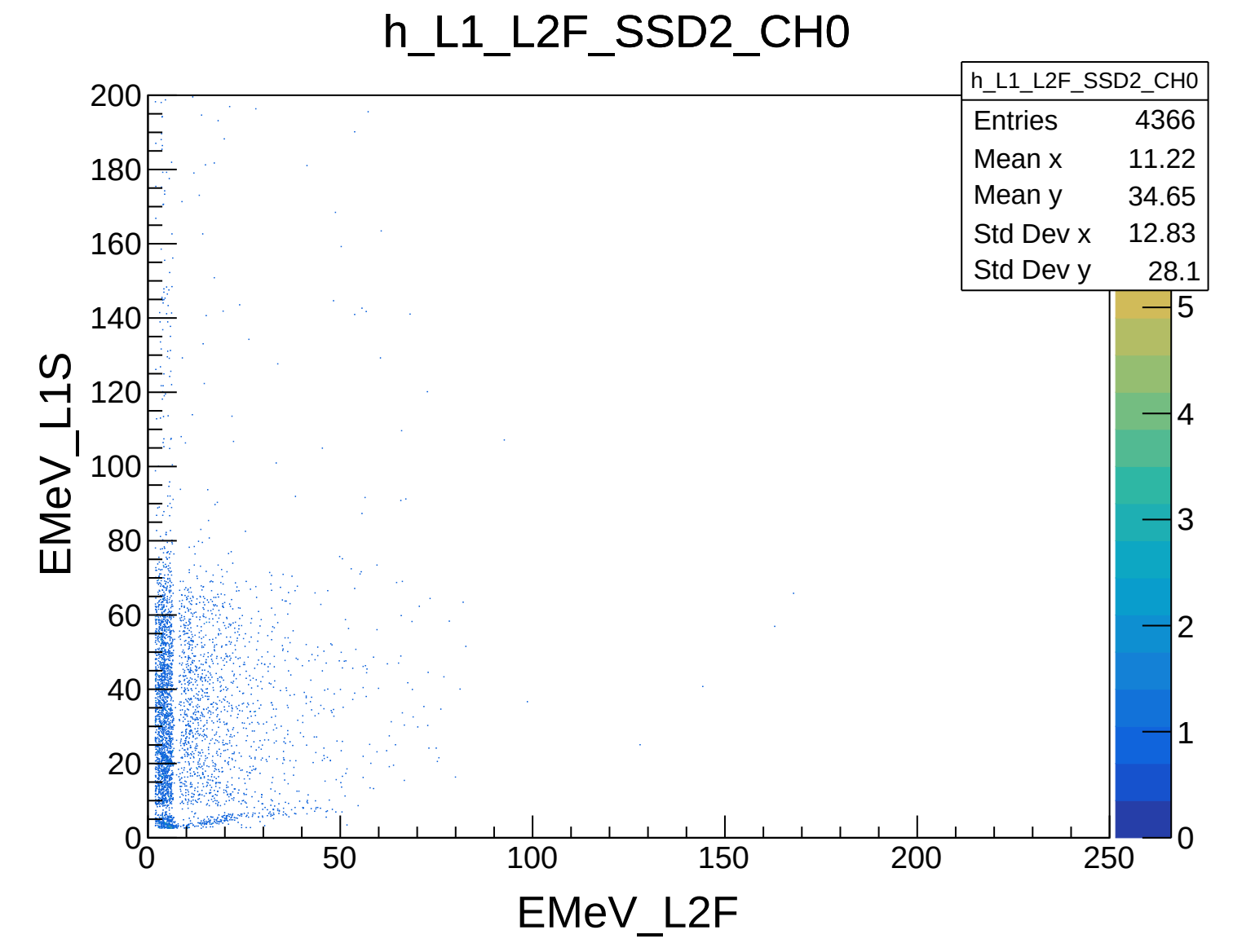
h_L1_L2F_SSD2_CH0
h_L1_L2F_SSD2_CH0
Entries 4366
Mean x 11.22
Mean y 34.65
Std Dev x 12.83
Std Dev y 28.1
EMeV_L1S
EMeV_L2F
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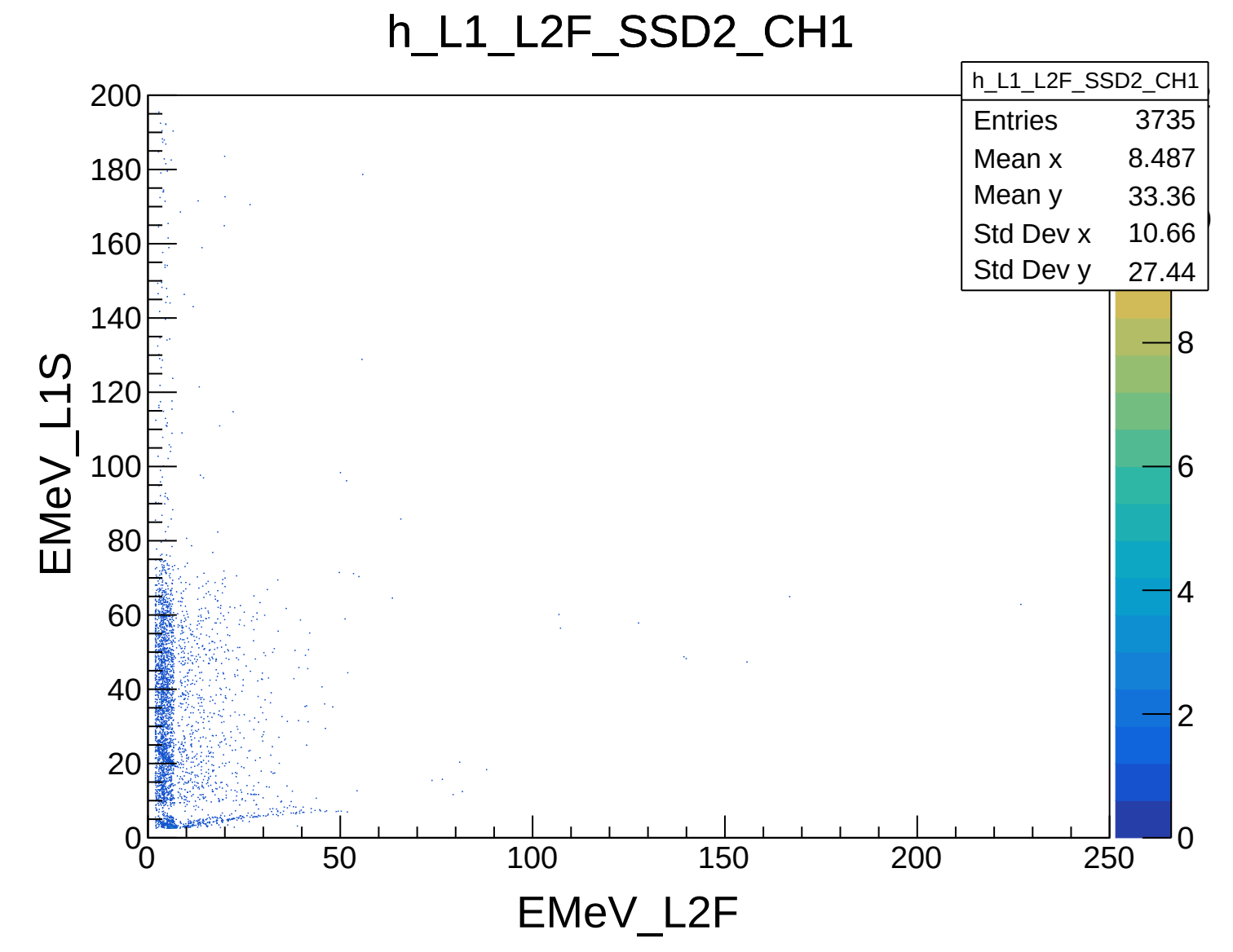
h_L1_L2F_SSD2_CH1
h_L1_L2F_SSD2_CH1
Entries 3735
Mean x 8.487
Mean y 33.36
Std Dev x 10.66
Std Dev y 27.44
EMeV_L1S
EMeV_L2F
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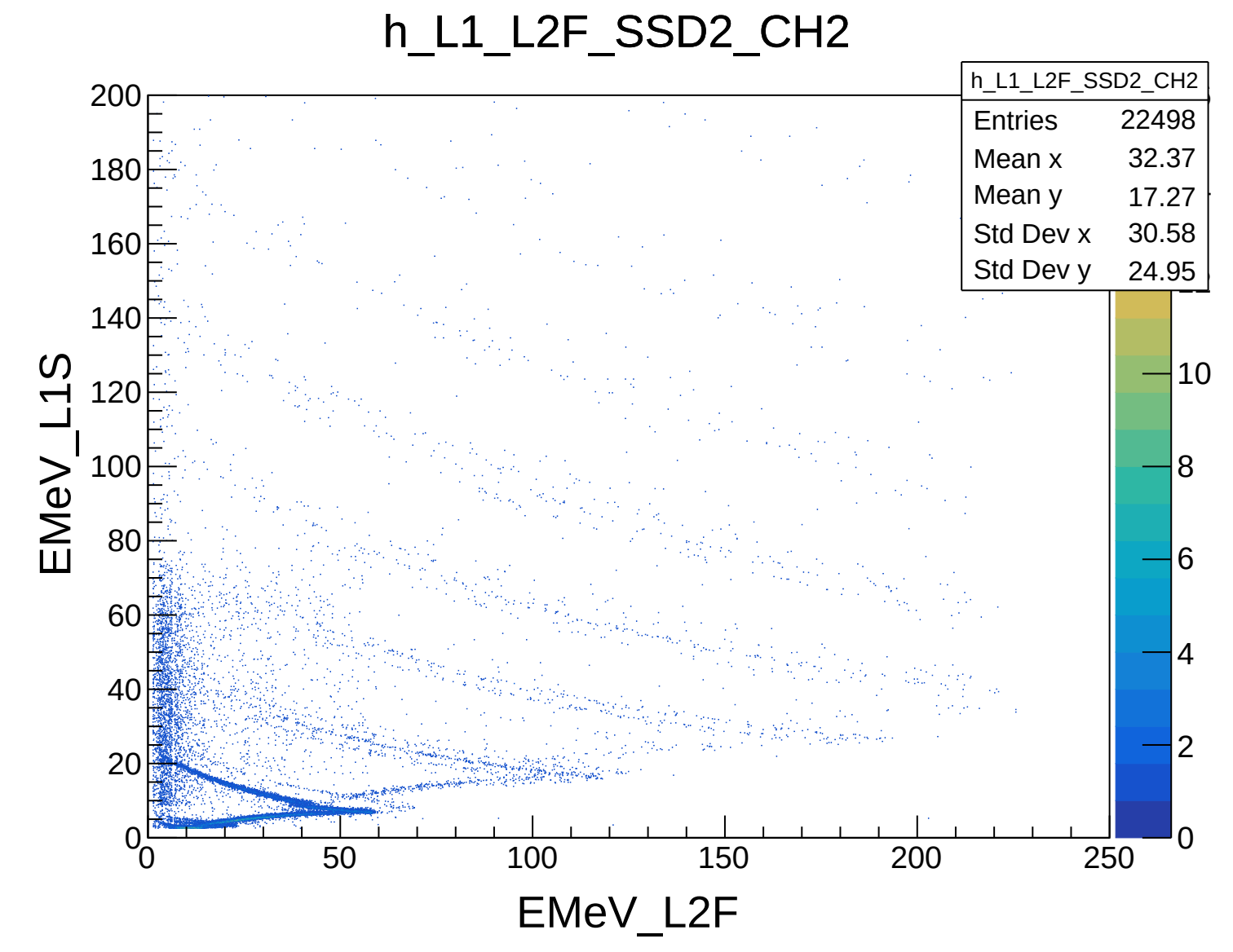
h_L1_L2F_SSD2_CH2
h_L1_L2F_SSD2_CH2
Entries 22498
Mean x 32.37
Mean y 17.27
Std Dev x 30.58
Std Dev y 24.95
EMeV_L1S
EMeV_L2F
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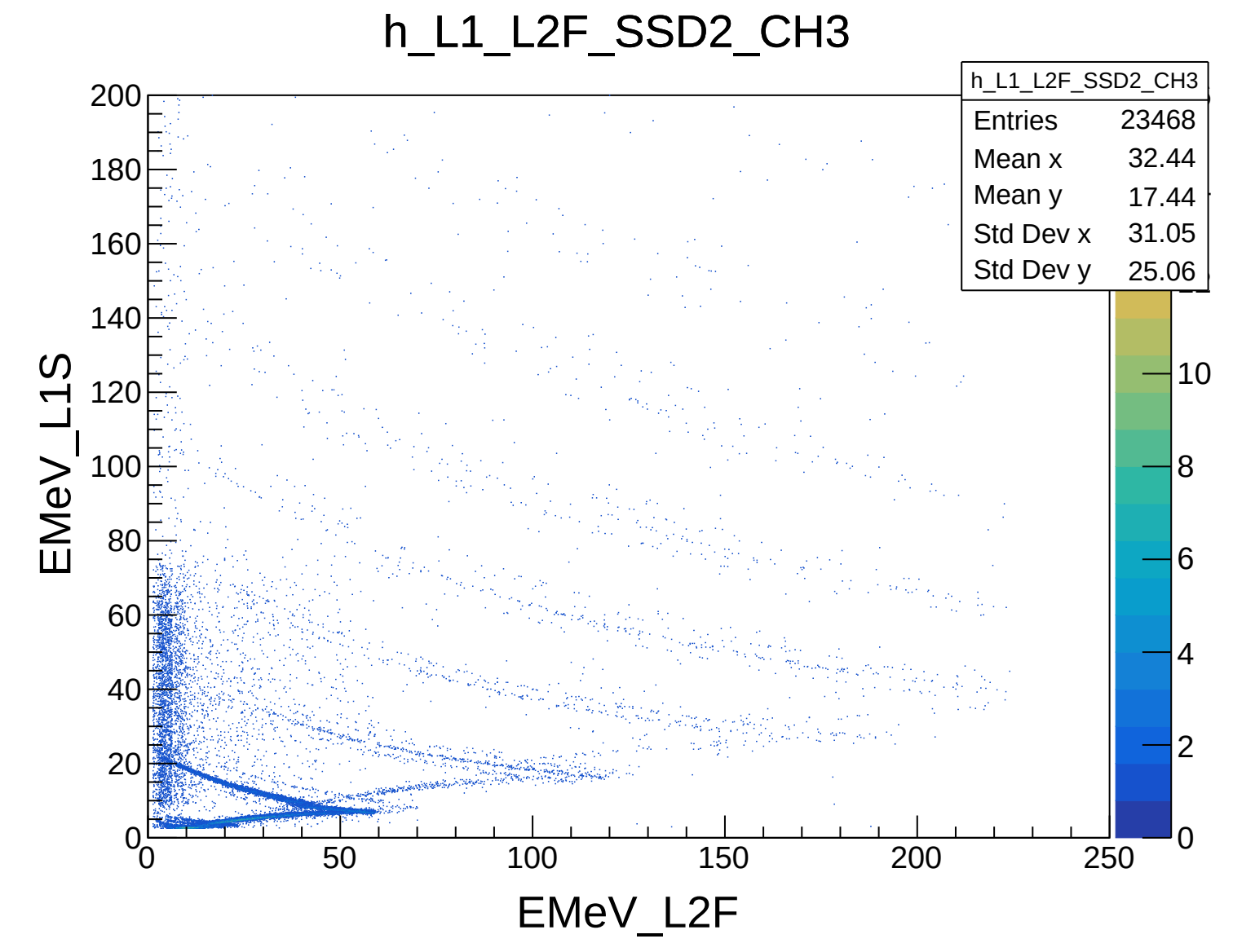
h_L1_L2F_SSD2_CH3
h_L1_L2F_SSD2_CH3
Entries 23468
Mean x 32.44
Mean y 17.44
Std Dev x 31.05
Std Dev y 25.06
EMeV_L1S
EMeV_L2F
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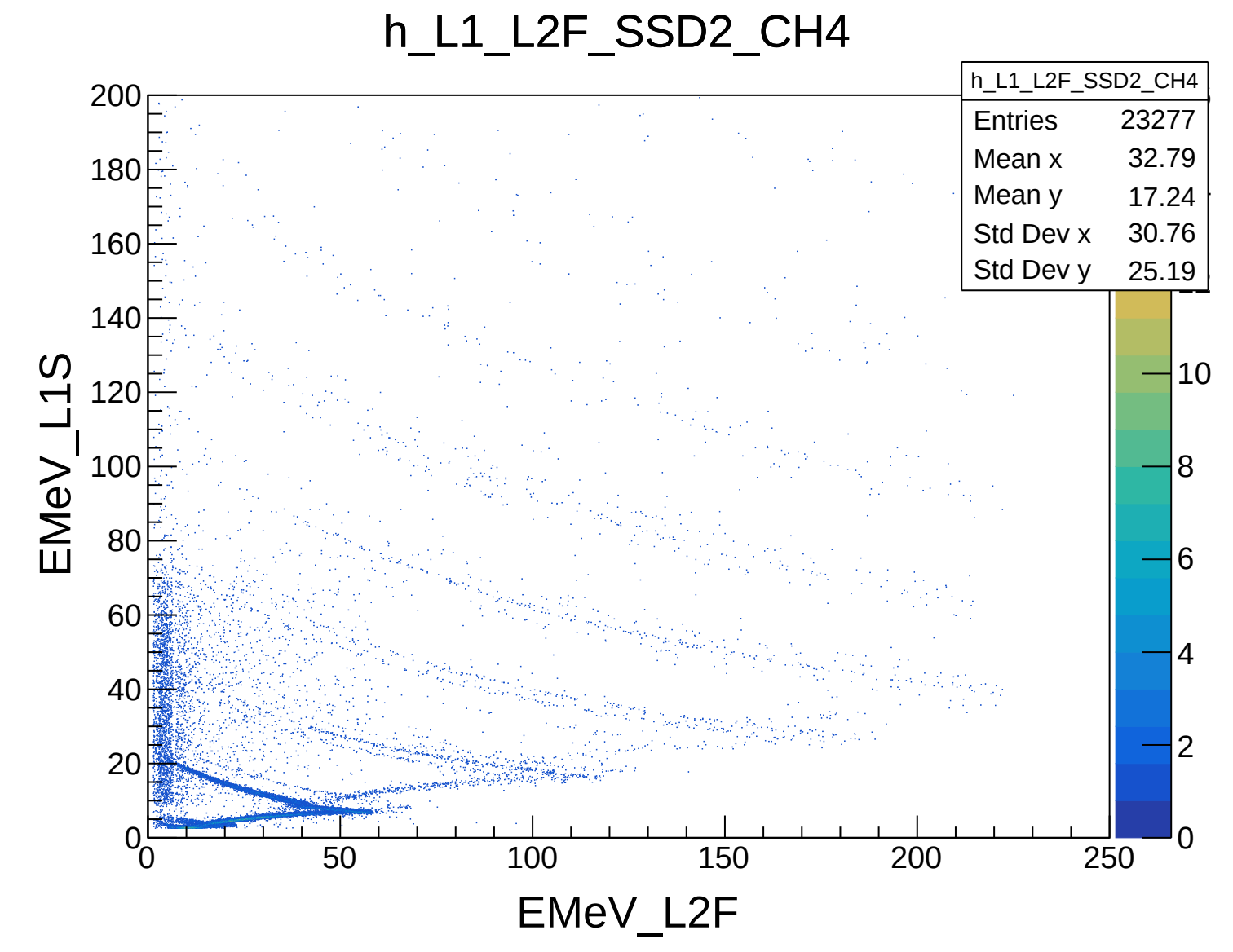
h_L1_L2F_SSD2_CH4
h_L1_L2F_SSD2_CH4
Entries 23277
Mean x 32.79
Mean y 17.24
Std Dev x 30.76
Std Dev y 25.19
EMeV_L1S
EMeV_L2F
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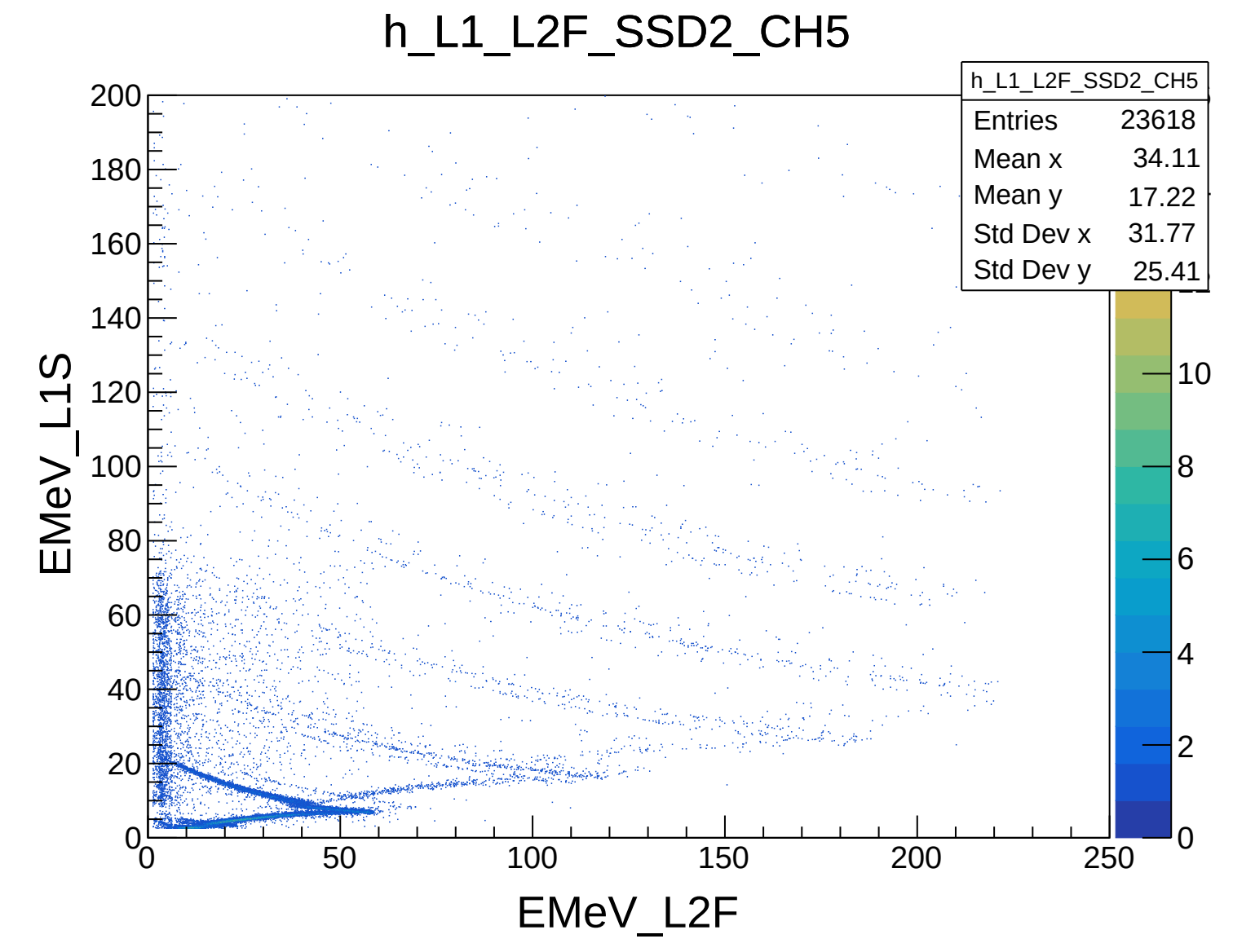
h_L1_L2F_SSD2_CH5
h_L1_L2F_SSD2_CH5
Entries 23618
Mean x 34.11
Mean y 17.22
Std Dev x 31.77
Std Dev y 25.41
EMeV_L1S
EMeV_L2F
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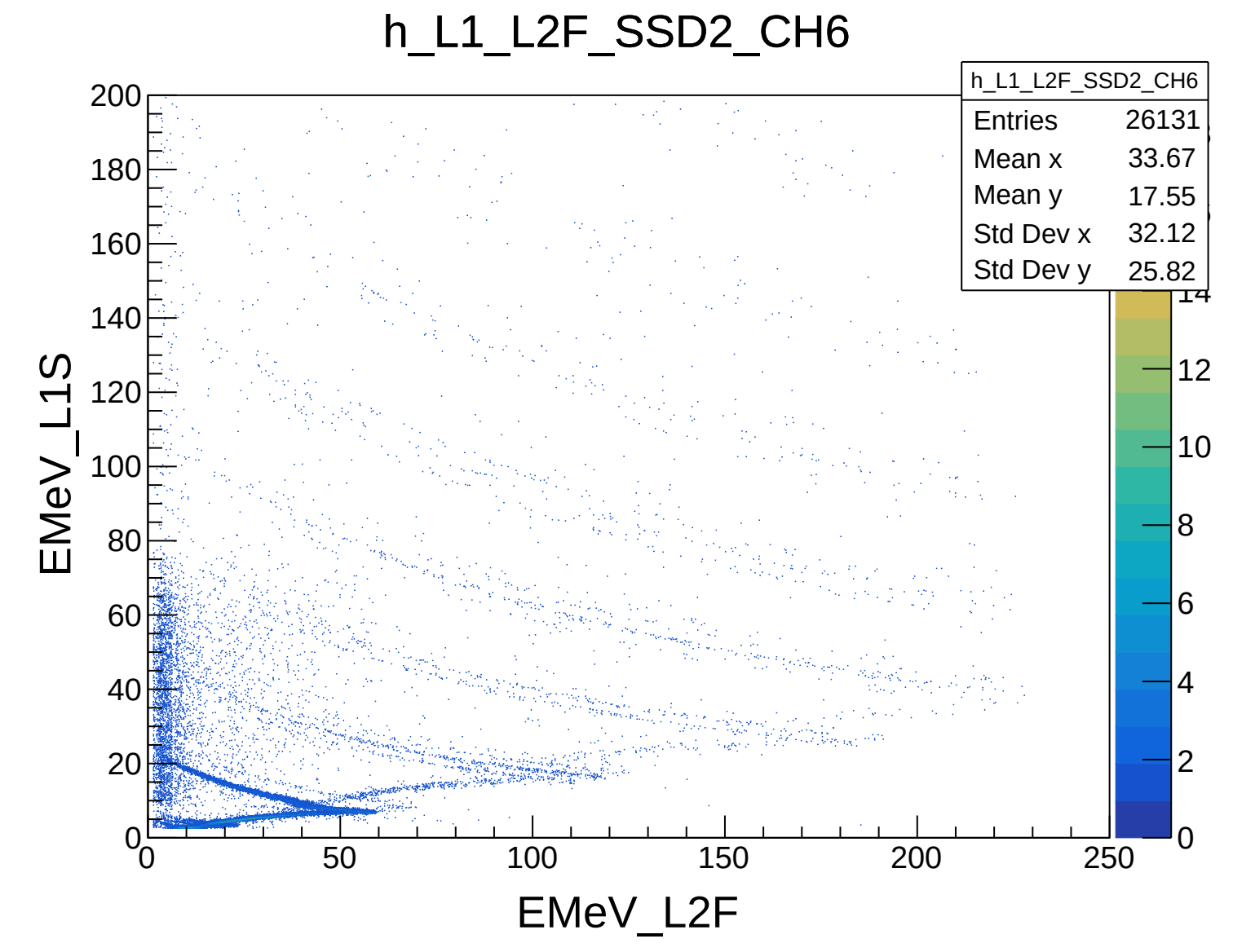
h_L1_L2F_SSD2_CH6
h_L1_L2F_SSD2_CH6
Entries 26131
Mean x 33.67
Mean y 17.55
Std Dev x 32.12
Std Dev y 25.82
EMeV_L1S
EMeV_L2F
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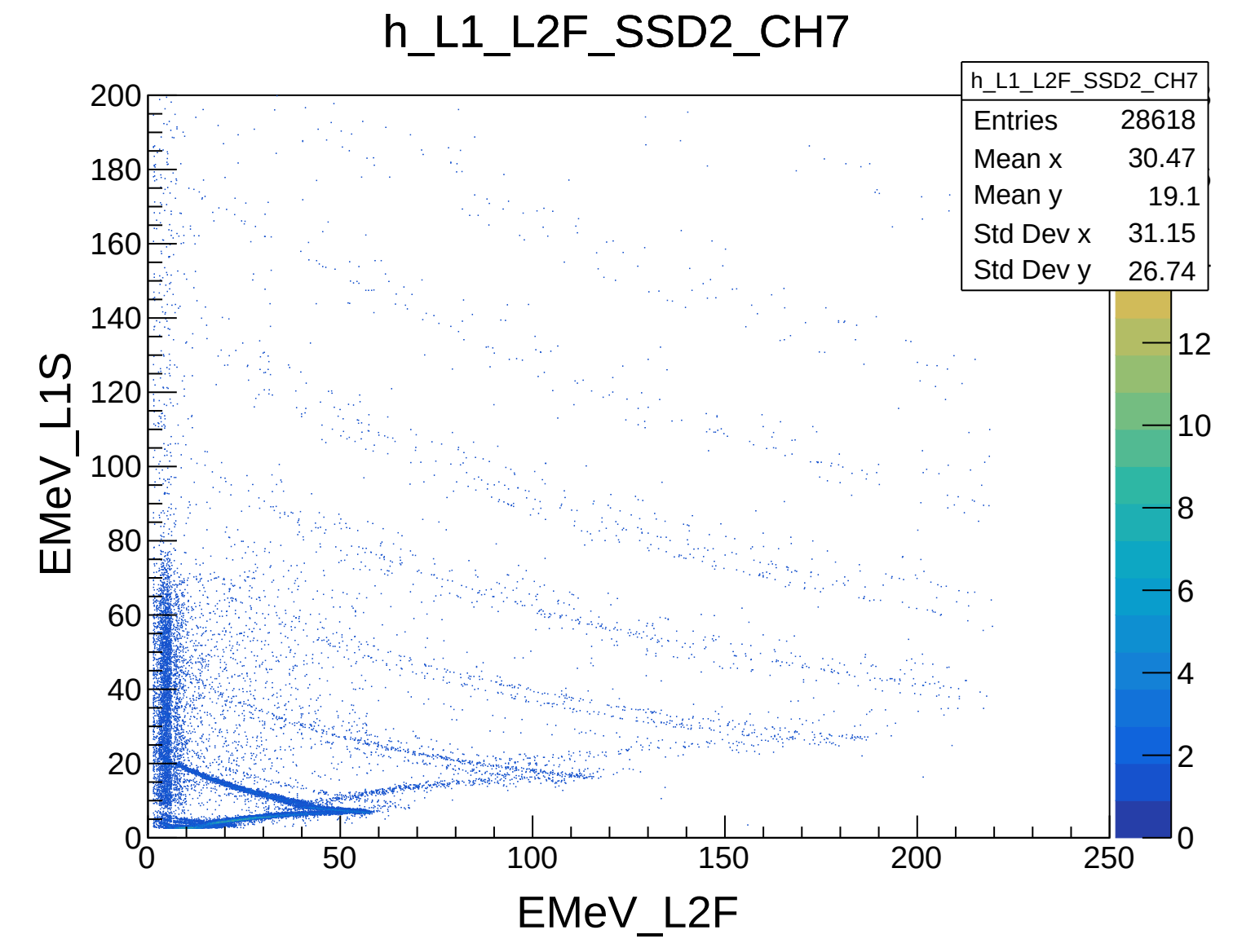
h_L1_L2F_SSD2_CH7
h_L1_L2F_SSD2_CH7
Entries 28618
Mean x 30.47
Mean y 19.1
Std Dev x 31.15
Std Dev y 26.74
EMeV_L1S
EMeV_L2F
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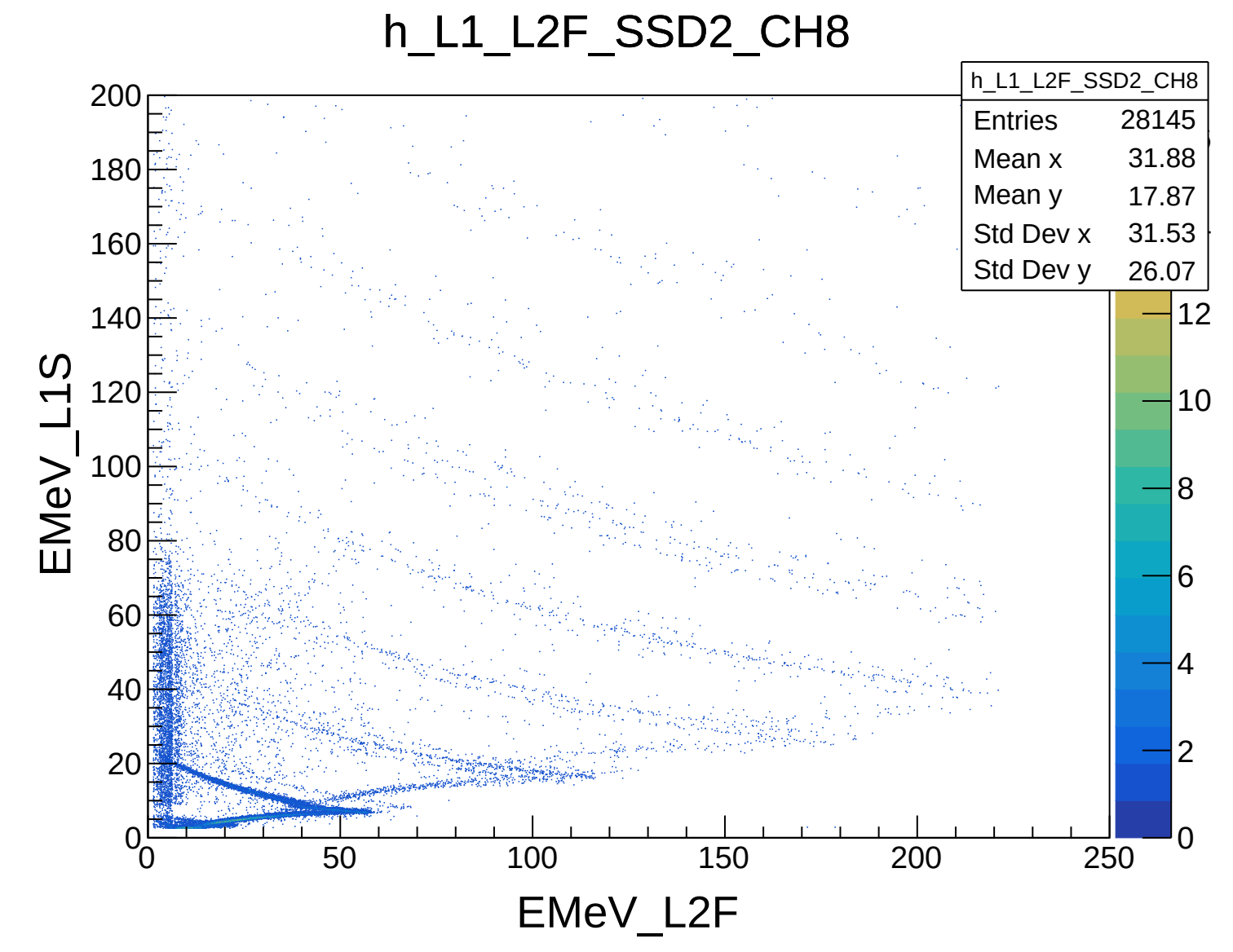
h_L1_L2F_SSD2_CH8
h_L1_L2F_SSD2_CH8
Entries 28145
Mean x 31.88
Mean y 17.87
Std Dev x 31.53
Std Dev y 26.07
EMeV_L1S
EMeV_L2F
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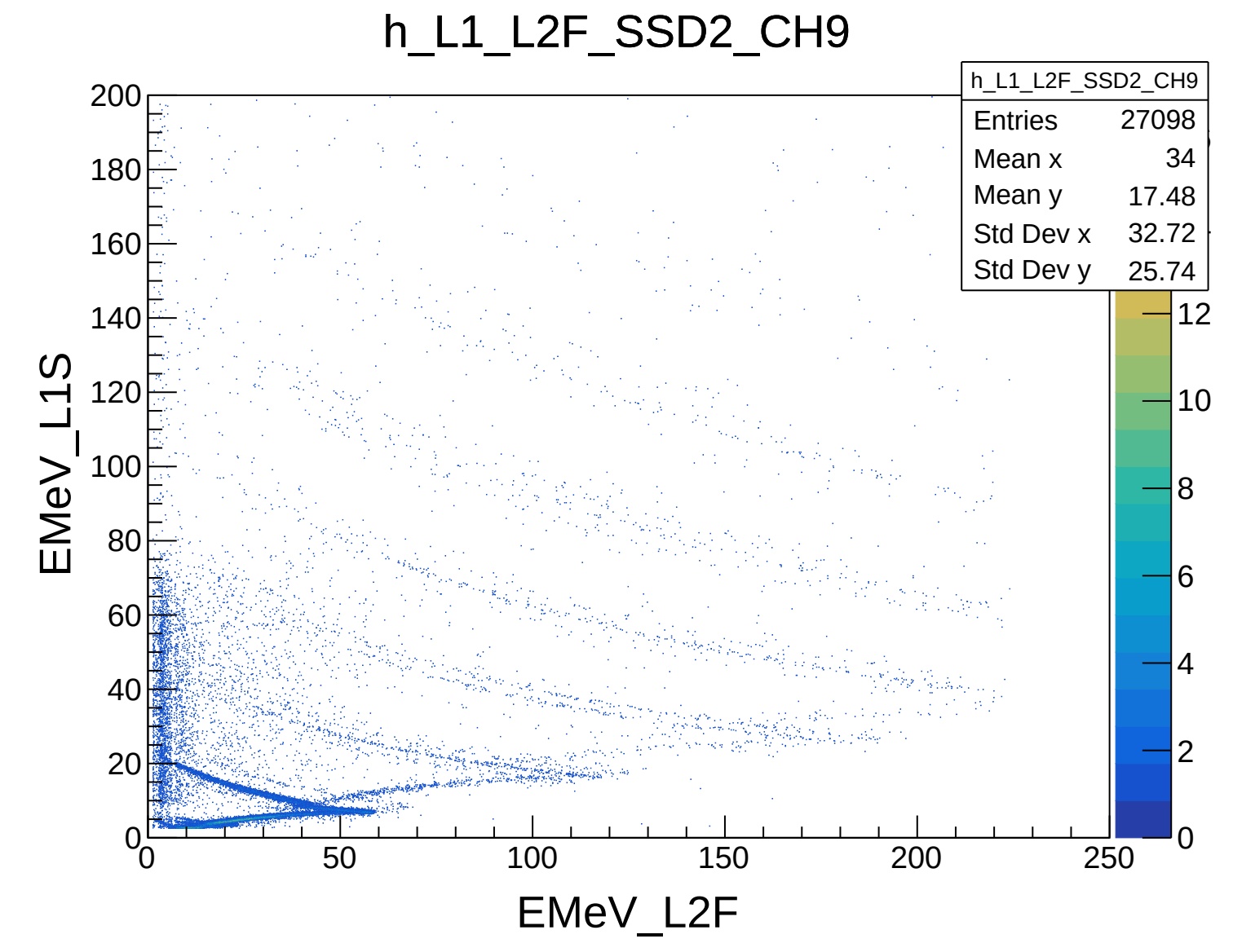
h_L1_L2F_SSD2_CH9
h_L1_L2F_SSD2_CH9
Entries 27098
Mean x 34
Mean y 17.48
Std Dev x 32.72
Std Dev y 25.74
EMeV_L1S
EMeV_L2F
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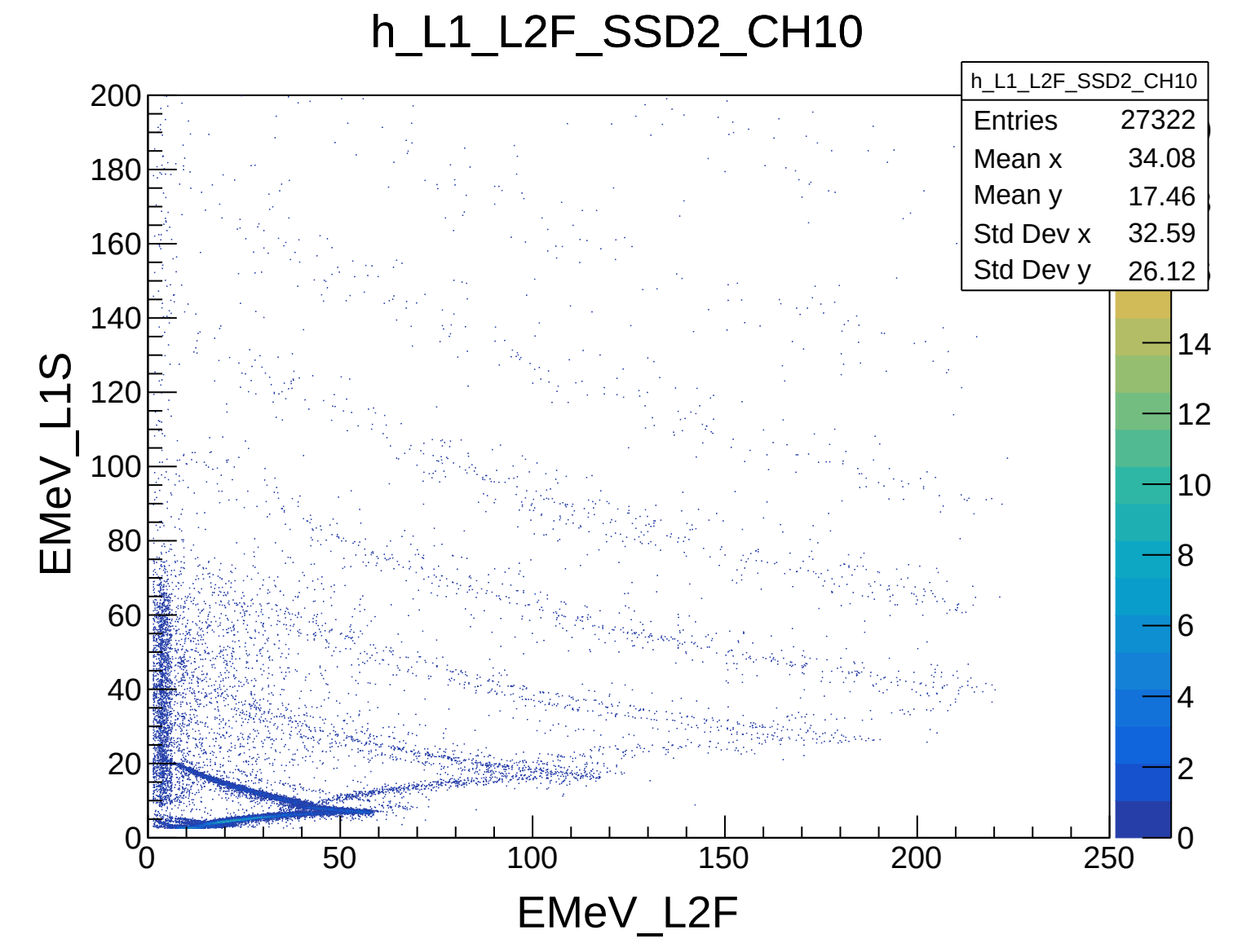
h_L1_L2F_SSD2_CH10
h_L1_L2F_SSD2_CH10
Entries 27322
Mean x 34.08
Mean y 17.46
Std Dev x 32.59
Std Dev y 26.12
EMeV_L1S
EMeV_L2F
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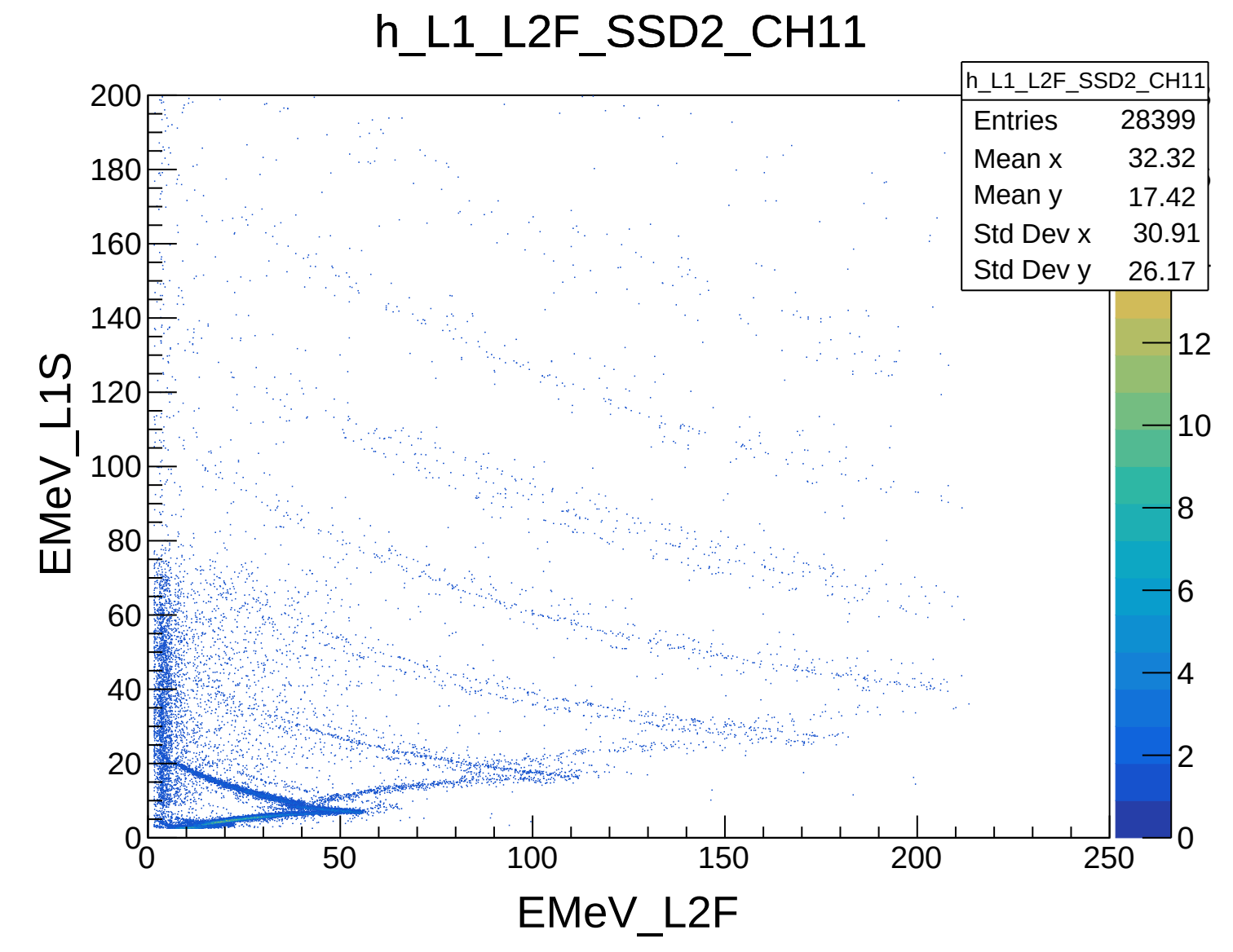
h_L1_L2F_SSD2_CH11
h_L1_L2F_SSD2_CH11
Entries 28399
Mean x 32.32
Mean y 17.42
Std Dev x 30.91
Std Dev y 26.17
EMeV_L1S
EMeV_L2F
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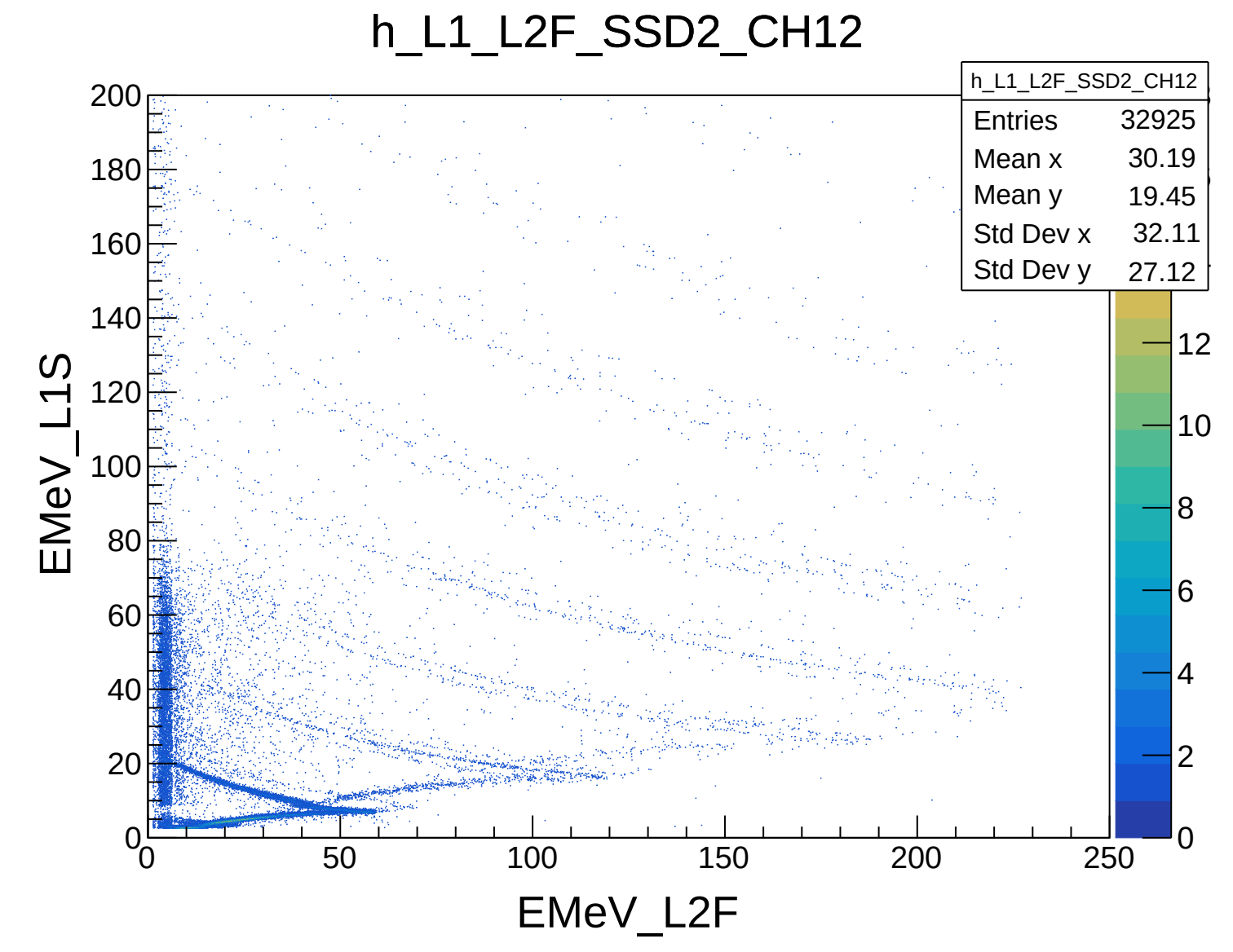
h_L1_L2F_SSD2_CH12
h_L1_L2F_SSD2_CH12
Entries 32925
Mean x 30.19
Mean y 19.45
Std Dev x 32.11
Std Dev y 27.12
EMeV_L1S
EMeV_L2F
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60
80
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120
140
160
180
200
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50
100
150
200
250
0
2
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6
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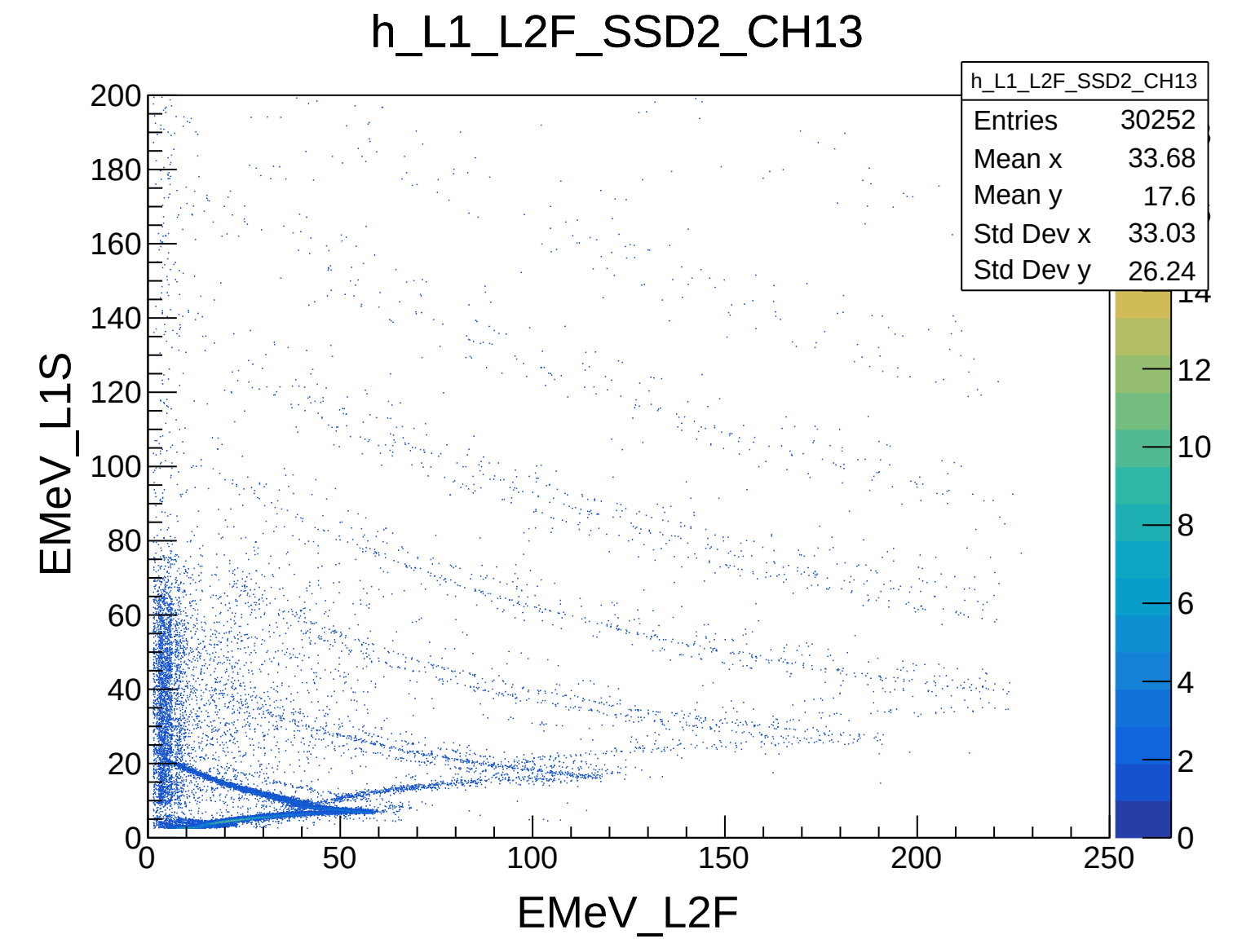
h_L1_L2F_SSD2_CH13
h_L1_L2F_SSD2_CH13
Entries 30252
Mean x 33.68
Mean y 17.6
Std Dev x 33.03
Std Dev y 26.24
EMeV_L1S
EMeV_L2F
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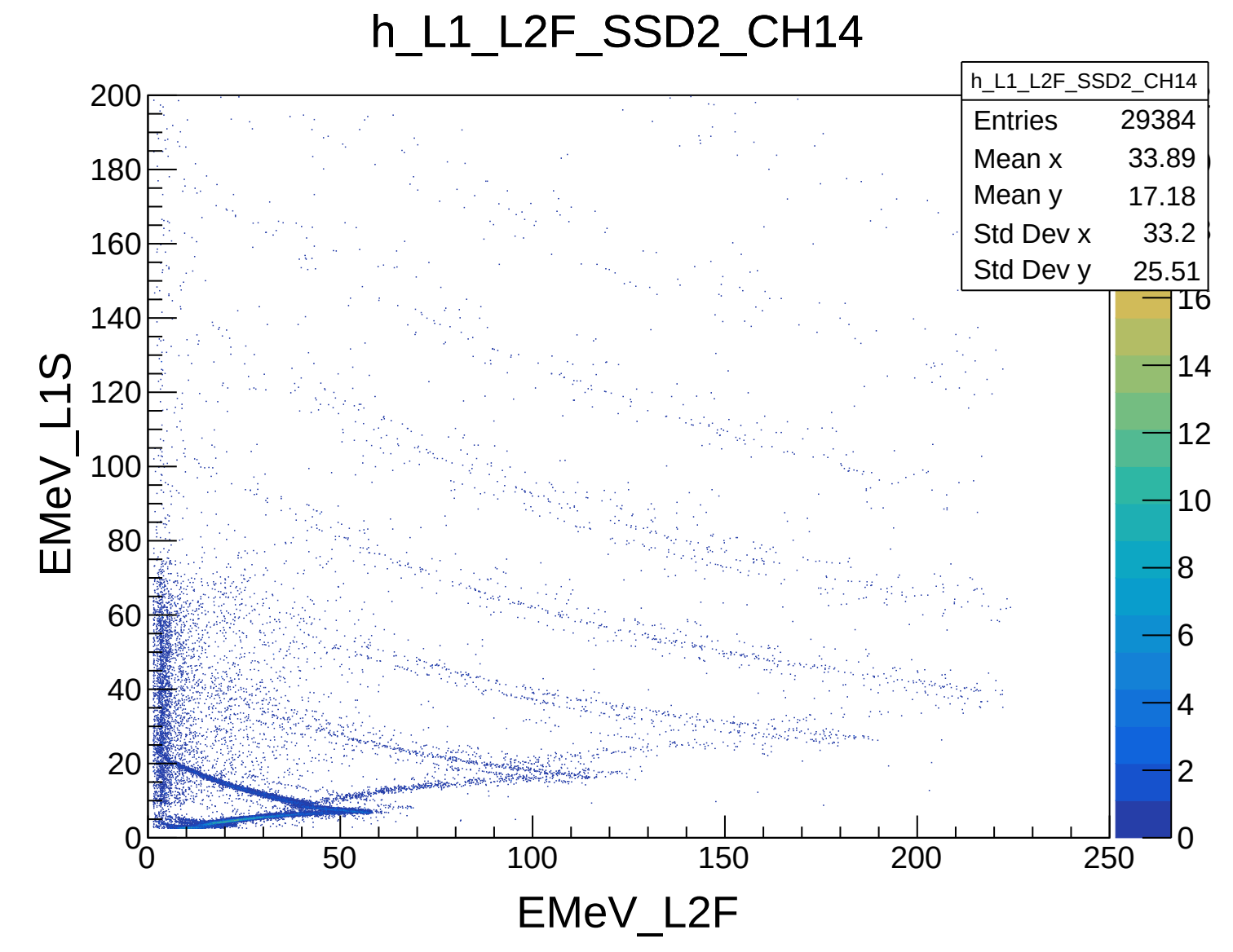
h_L1_L2F_SSD2_CH14
h_L1_L2F_SSD2_CH14
Entries 29384
Mean x 33.89
Mean y 17.18
Std Dev x 33.2
Std Dev y 25.51
EMeV_L1S
EMeV_L2F
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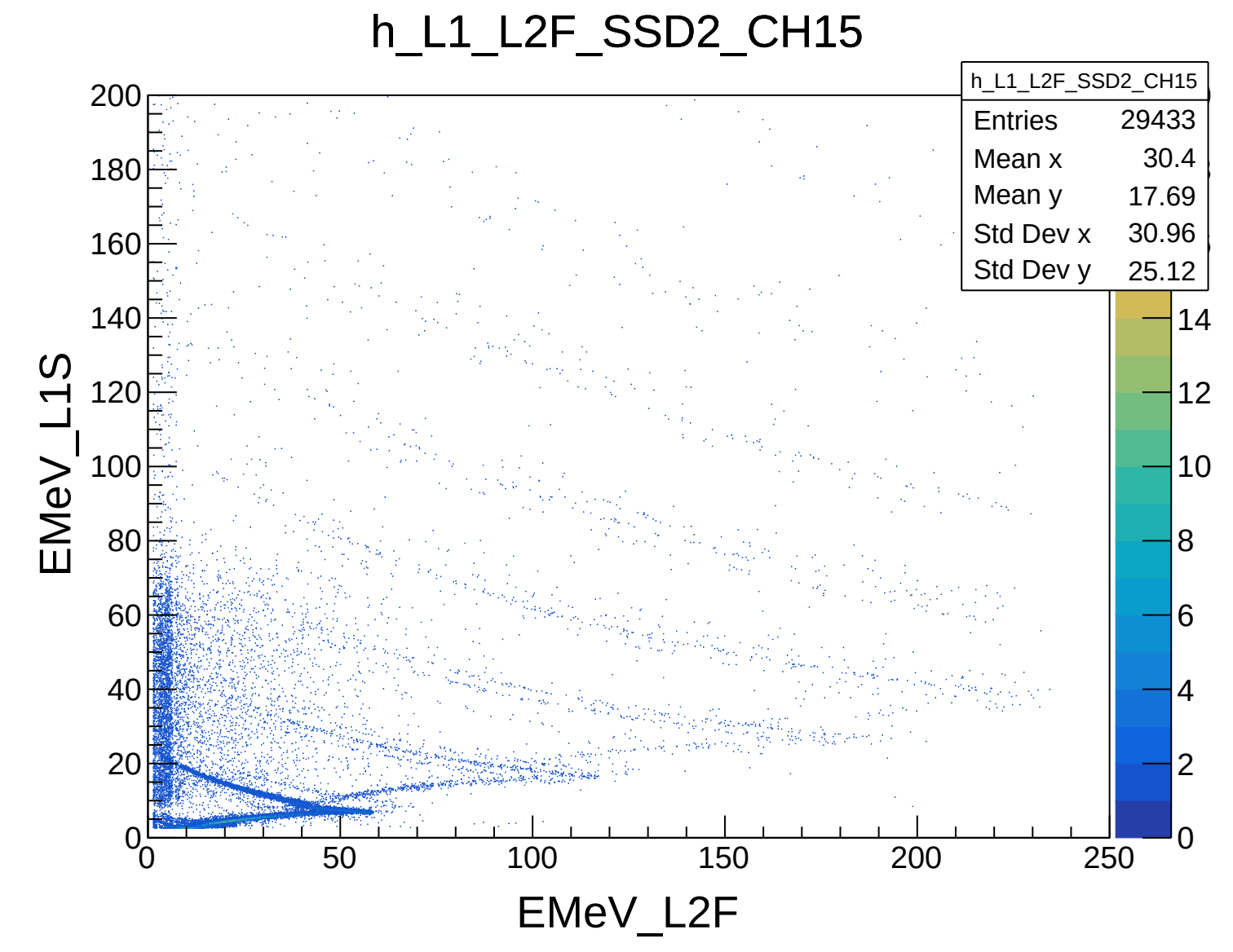
h_L1_L2F_SSD2_CH15
h_L1_L2F_SSD2_CH15
Entries 29433
Mean x 30.4
Mean y 17.69
Std Dev x 30.96
Std Dev y 25.12
EMeV_L1S
EMeV_L2F
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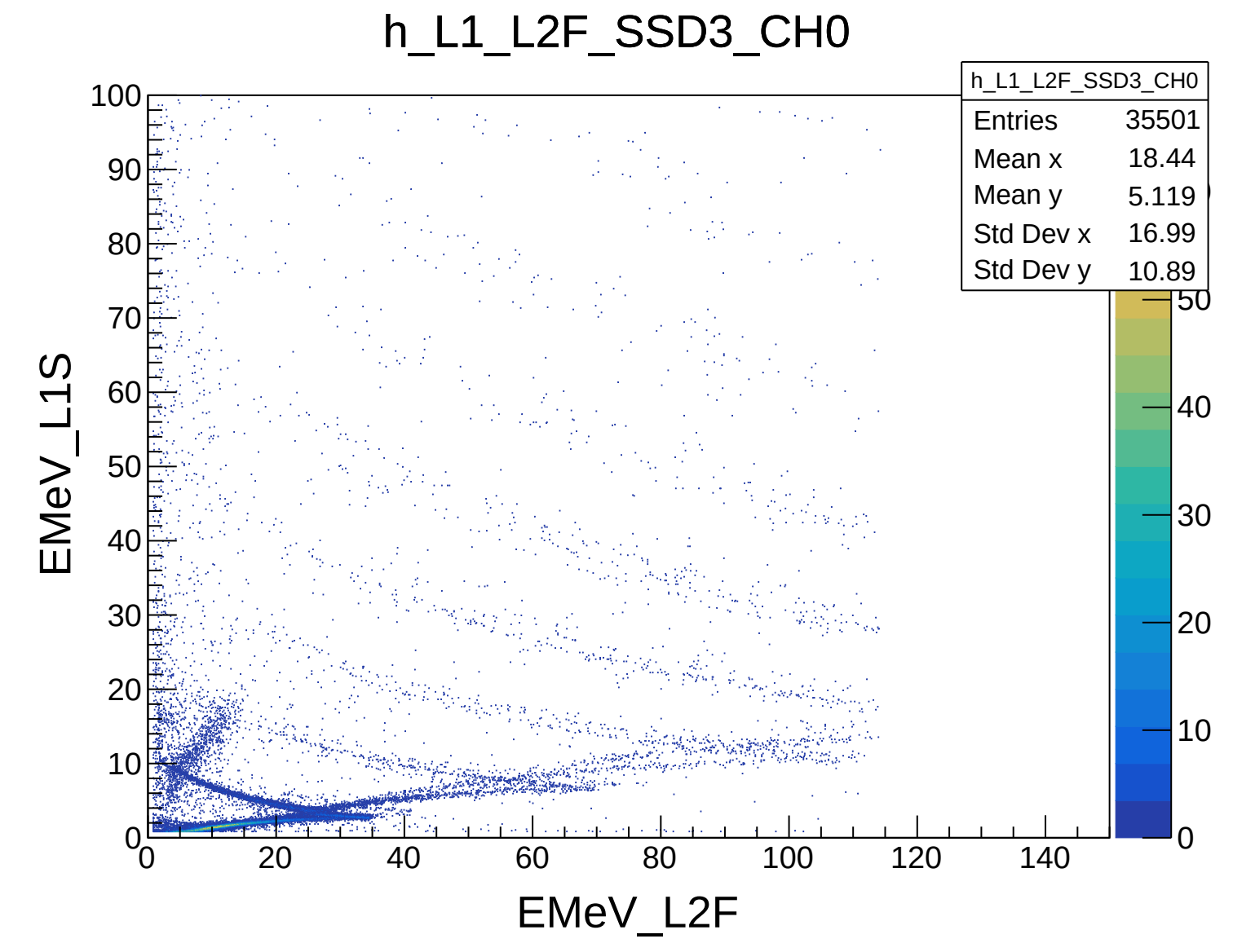
h_L1_L2F_SSD3_CH0
h_L1_L2F_SSD3_CH0
Entries 35501
Mean x 18.44
Mean y 5.119
Std Dev x 16.99
Std Dev y 10.89
EMeV_L1S
EMeV_L2F
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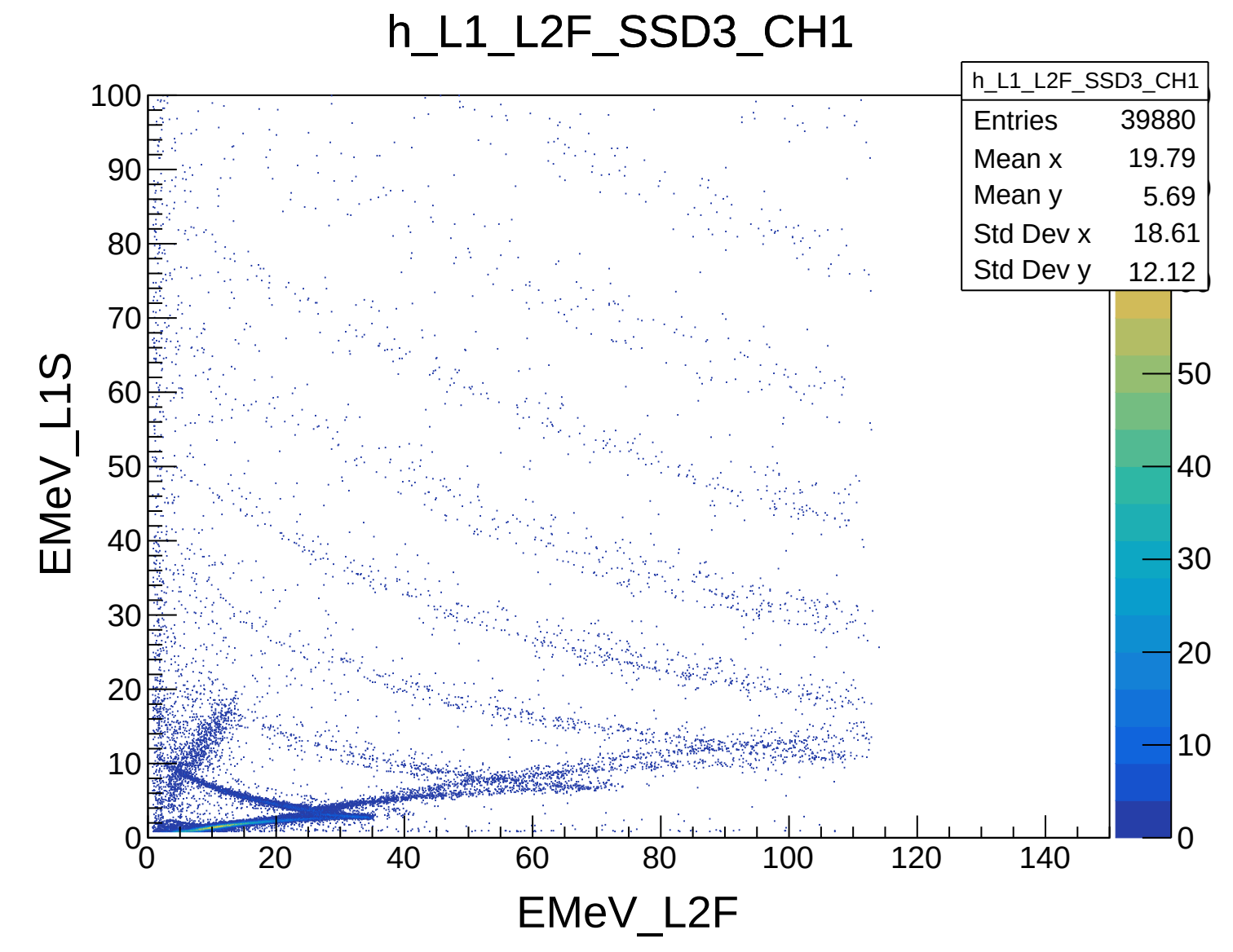
h_L1_L2F_SSD3_CH1
h_L1_L2F_SSD3_CH1
Entries 39880
Mean x 19.79
Mean y 5.69
Std Dev x 18.61
Std Dev y 12.12
EMeV_L1S
EMeV_L2F
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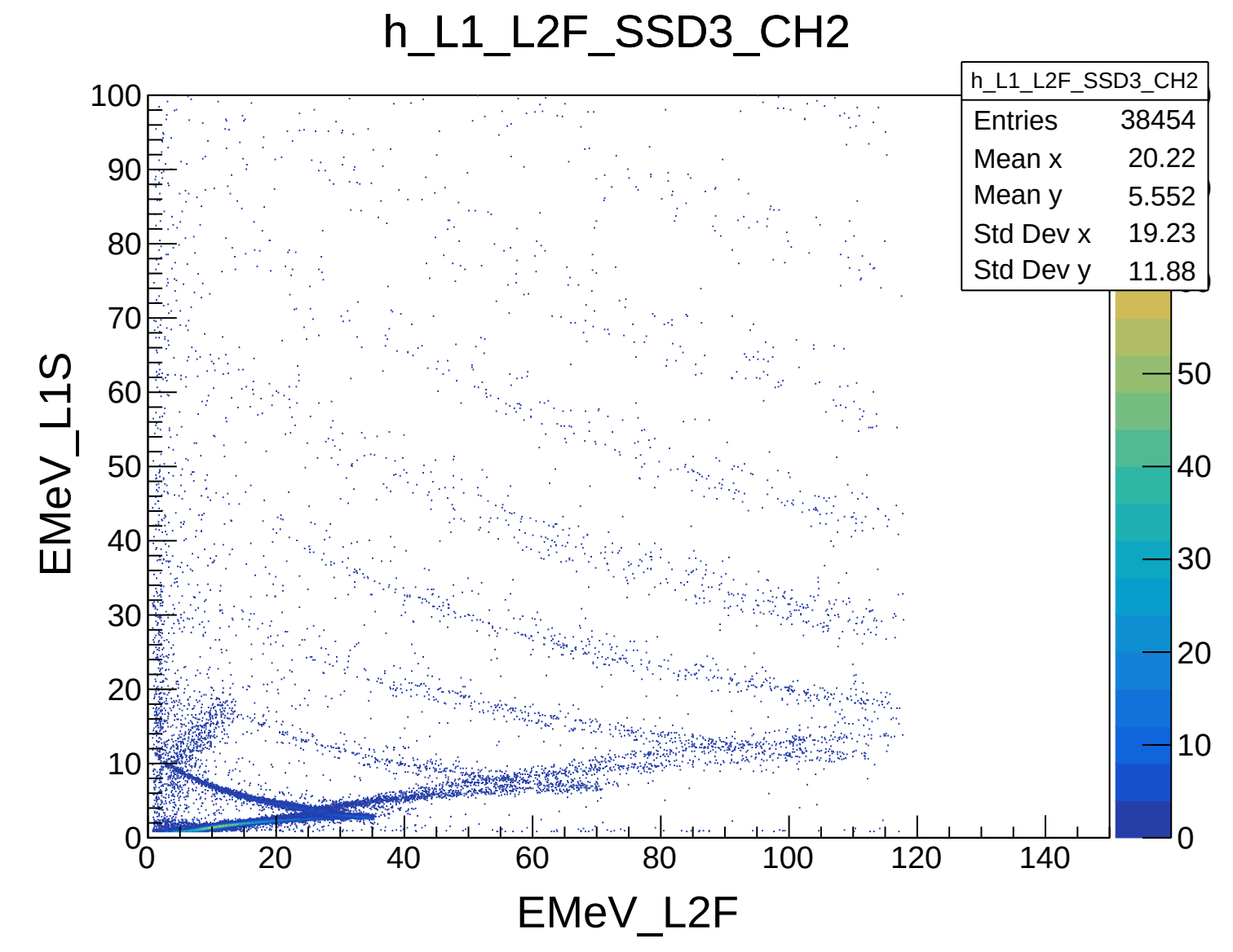
h_L1_L2F_SSD3_CH2
h_L1_L2F_SSD3_CH2
Entries 38454
Mean x 20.22
Mean y 5.552
Std Dev x 19.23
Std Dev y 11.88
EMeV_L1S
EMeV_L2F
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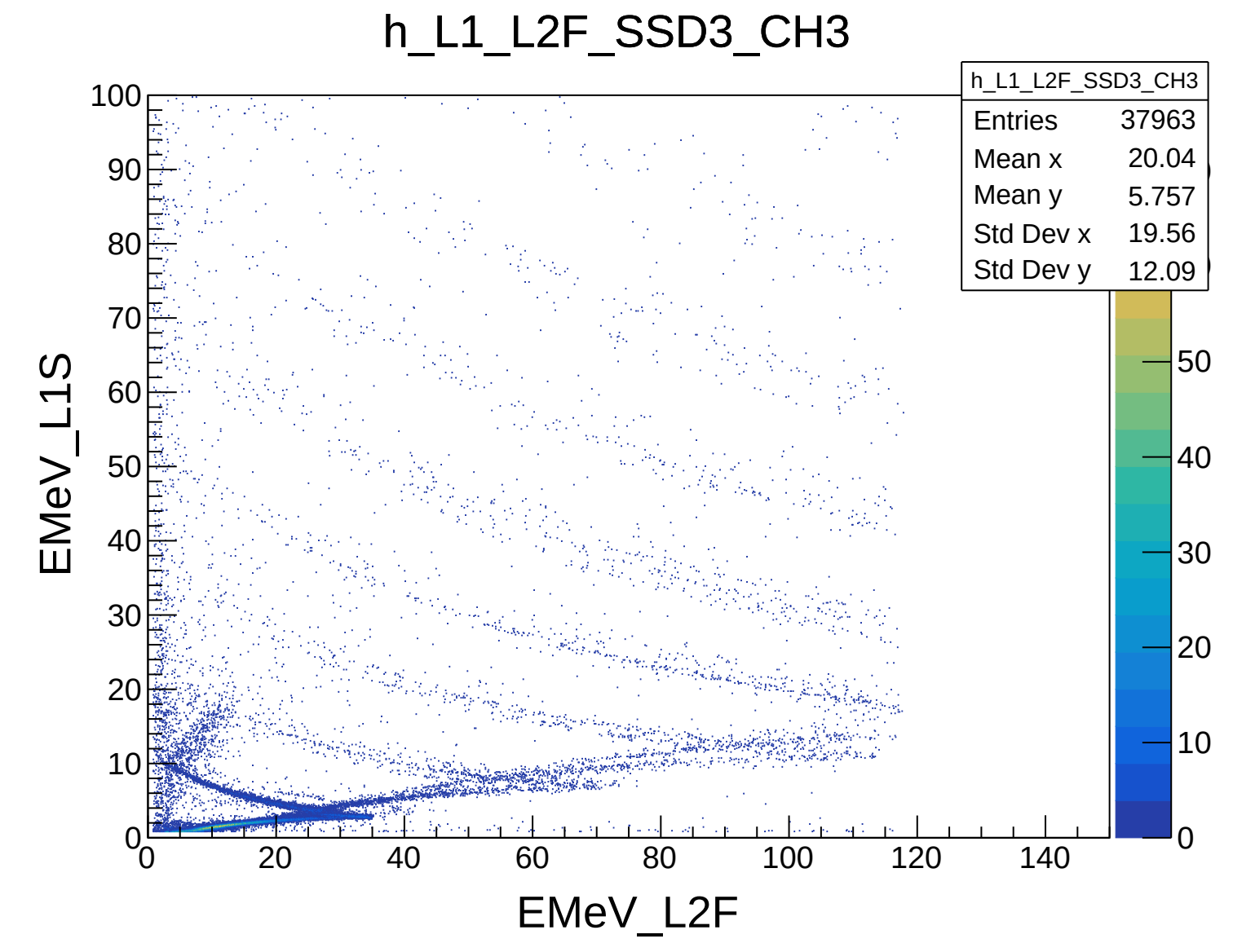
h_L1_L2F_SSD3_CH3
h_L1_L2F_SSD3_CH3
Entries 37963
Mean x 20.04
Mean y 5.757
Std Dev x 19.56
Std Dev y 12.09
EMeV_L1S
EMeV_L2F
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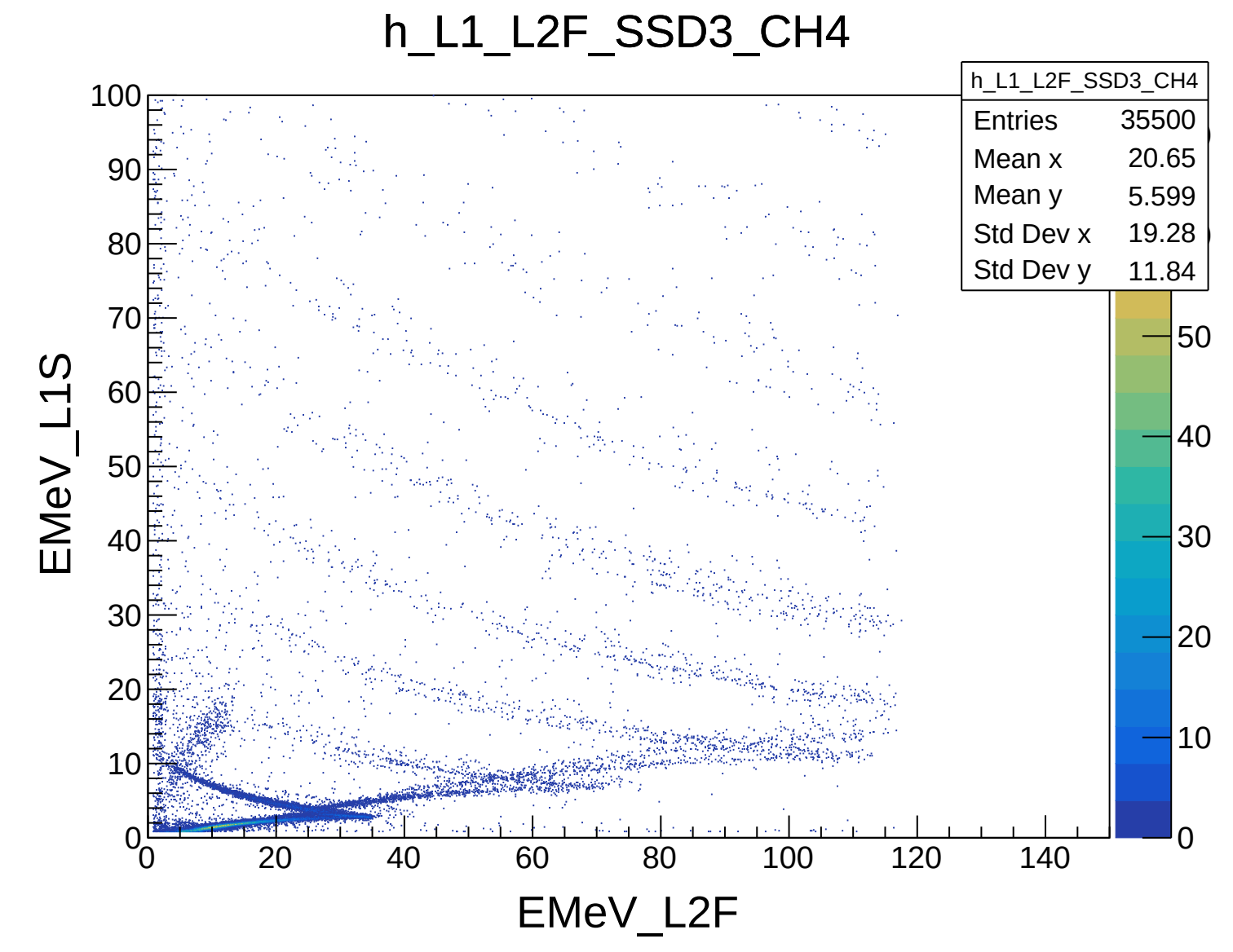
h_L1_L2F_SSD3_CH4
h_L1_L2F_SSD3_CH4
Entries 35500
Mean x 20.65
Mean y 5.599
Std Dev x 19.28
Std Dev y 11.84
EMeV_L1S
EMeV_L2F
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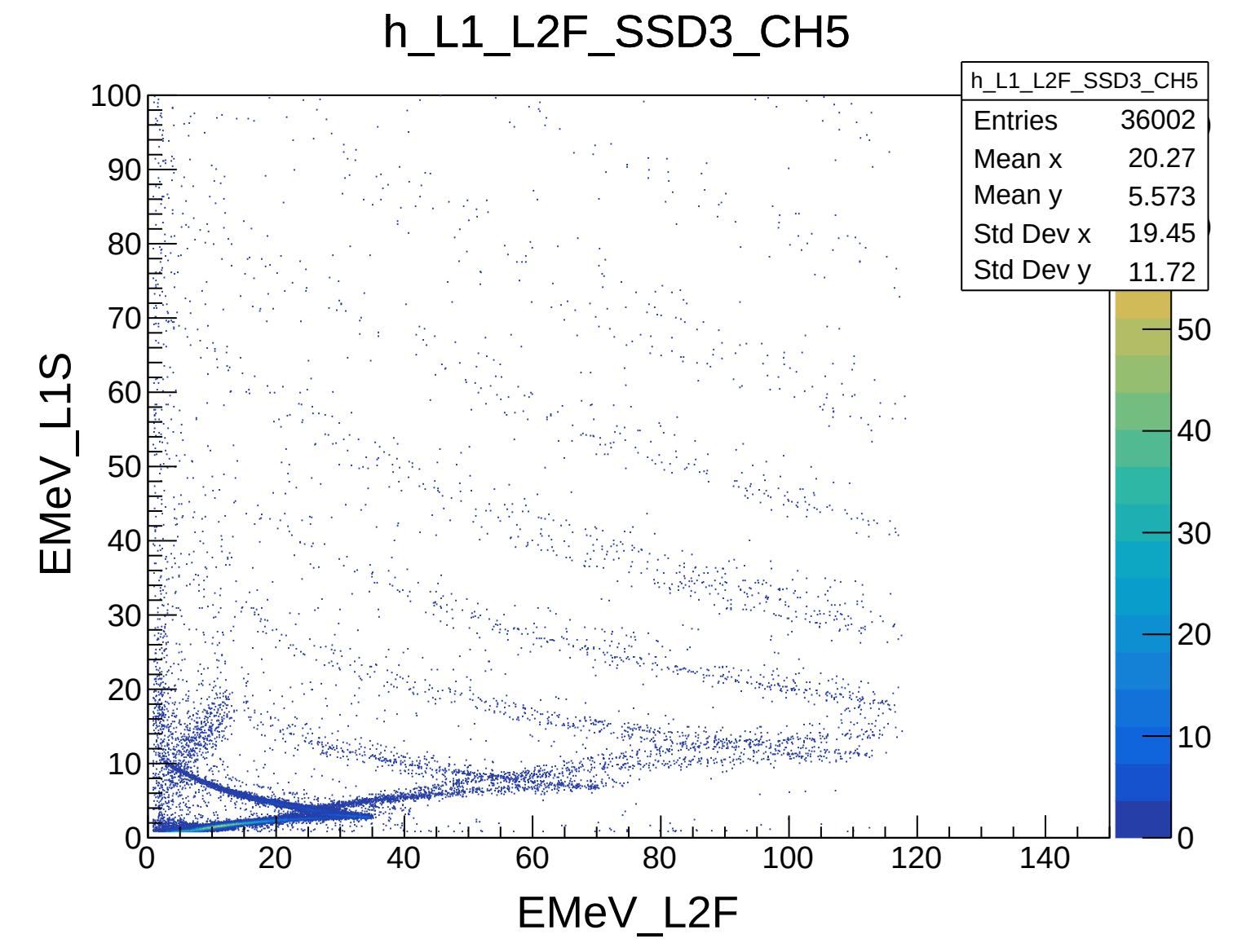
h_L1_L2F_SSD3_CH5
h_L1_L2F_SSD3_CH5
Entries 36002
Mean x 20.27
Mean y 5.573
Std Dev x 19.45
Std Dev y 11.72
EMeV_L1S
EMeV_L2F
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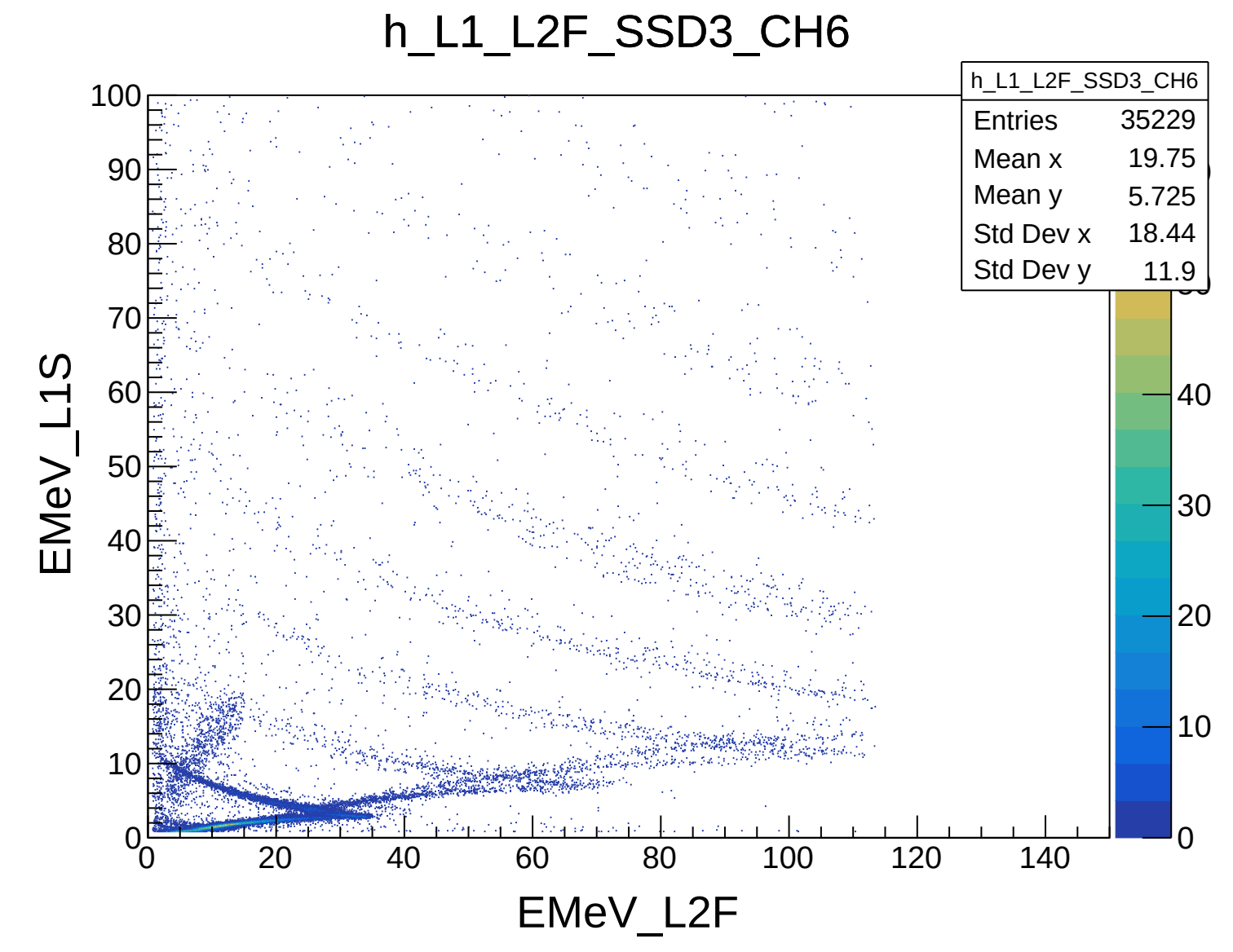
h_L1_L2F_SSD3_CH6
h_L1_L2F_SSD3_CH6
Entries 35229
Mean x 19.75
Mean y 5.725
Std Dev x 18.44
Std Dev y 11.9
EMeV_L1S
EMeV_L2F
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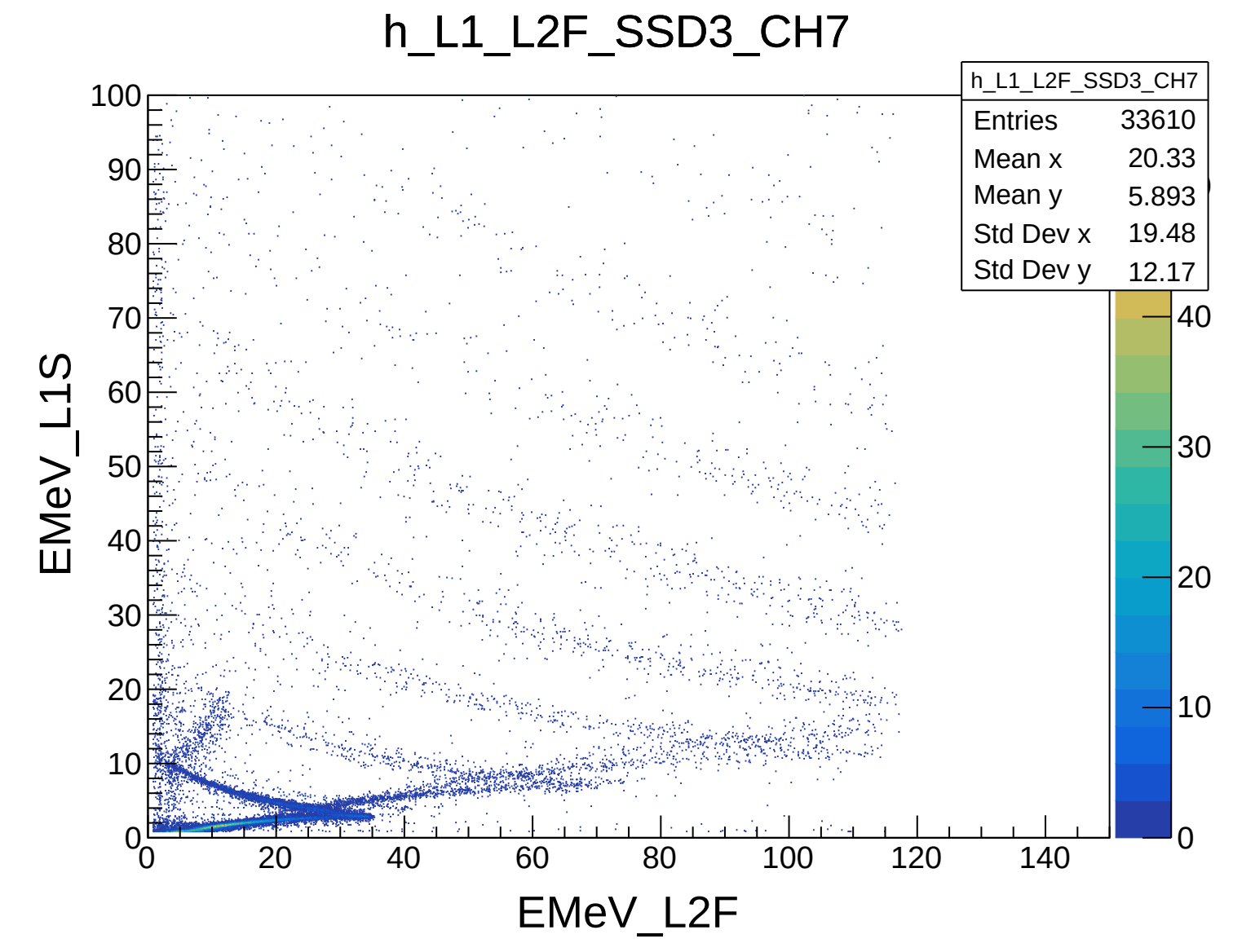
h_L1_L2F_SSD3_CH7
h_L1_L2F_SSD3_CH7
Entries 33610
Mean x 20.33
Mean y 5.893
Std Dev x 19.48
Std Dev y 12.17
EMeV_L1S
EMeV_L2F
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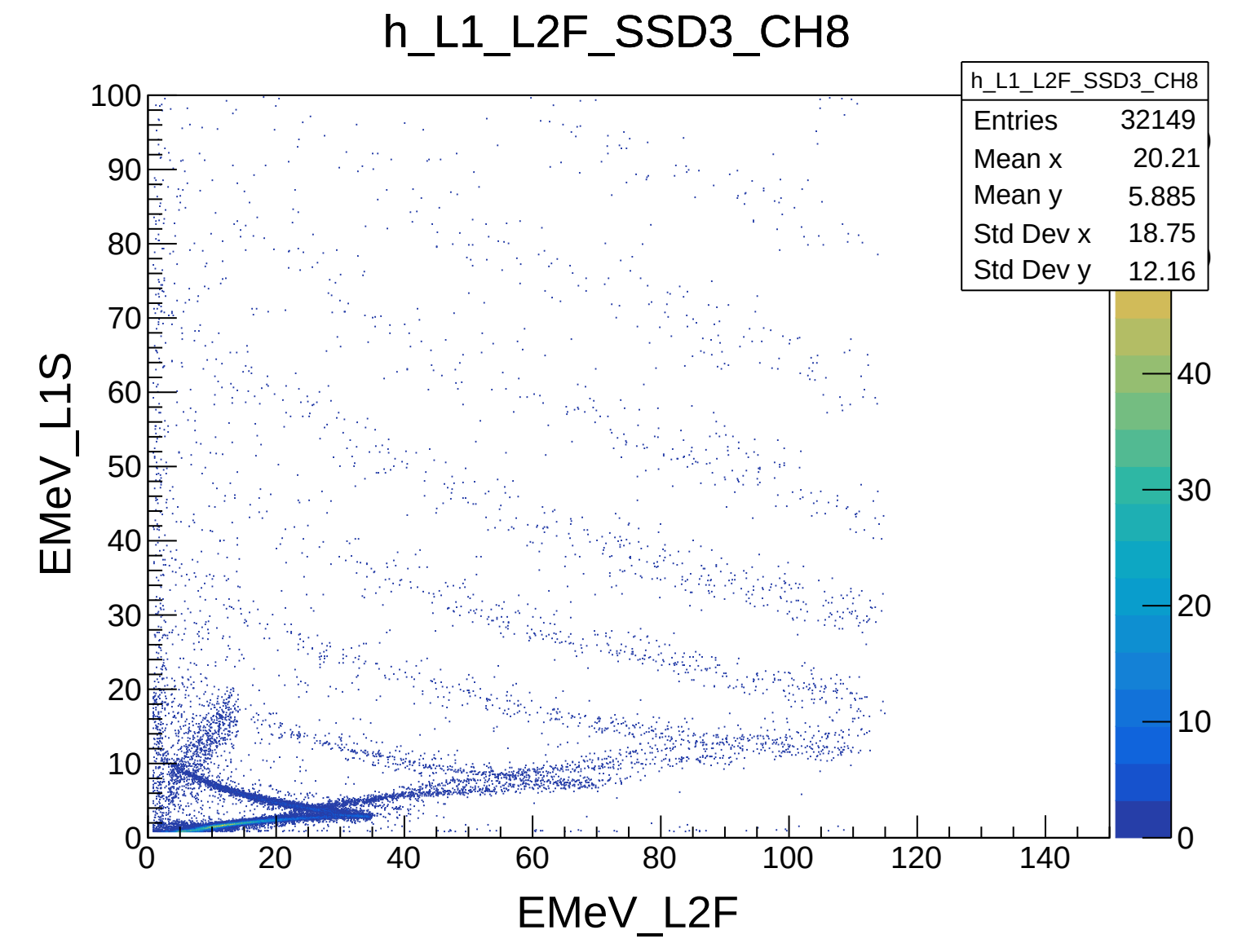
h_L1_L2F_SSD3_CH8
h_L1_L2F_SSD3_CH8
Entries 32149
Mean x 20.21
Mean y 5.885
Std Dev x 18.75
Std Dev y 12.16
EMeV_L1S
EMeV_L2F
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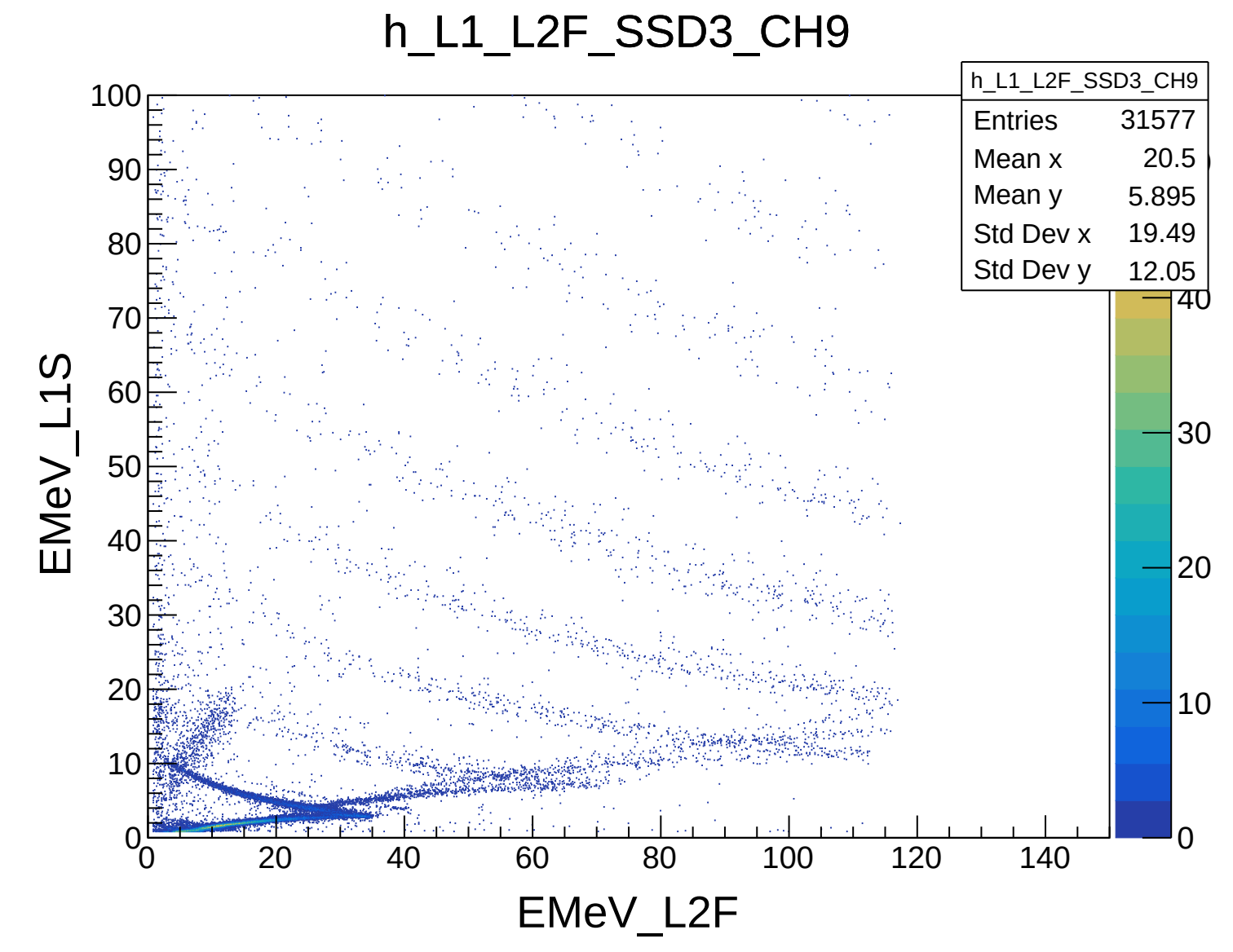
h_L1_L2F_SSD3_CH9
h_L1_L2F_SSD3_CH9
Entries 31577
Mean x 20.5
Mean y 5.895
Std Dev x 19.49
Std Dev y 12.05
EMeV_L1S
EMeV_L2F
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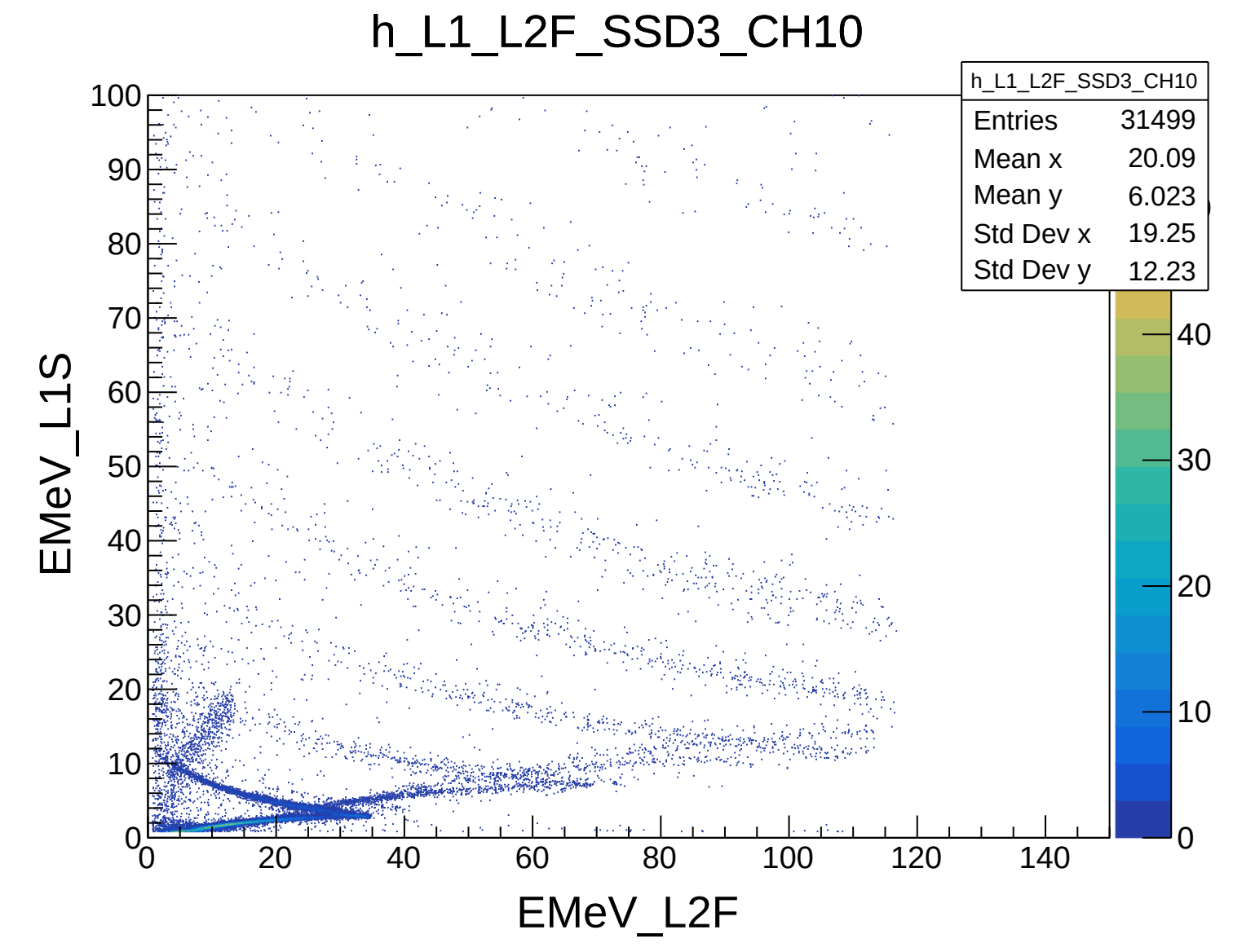
h_L1_L2F_SSD3_CH10
h_L1_L2F_SSD3_CH10
Entries 31499
Mean x 20.09
Mean y 6.023
Std Dev x 19.25
Std Dev y 12.23
EMeV_L1S
EMeV_L2F
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20
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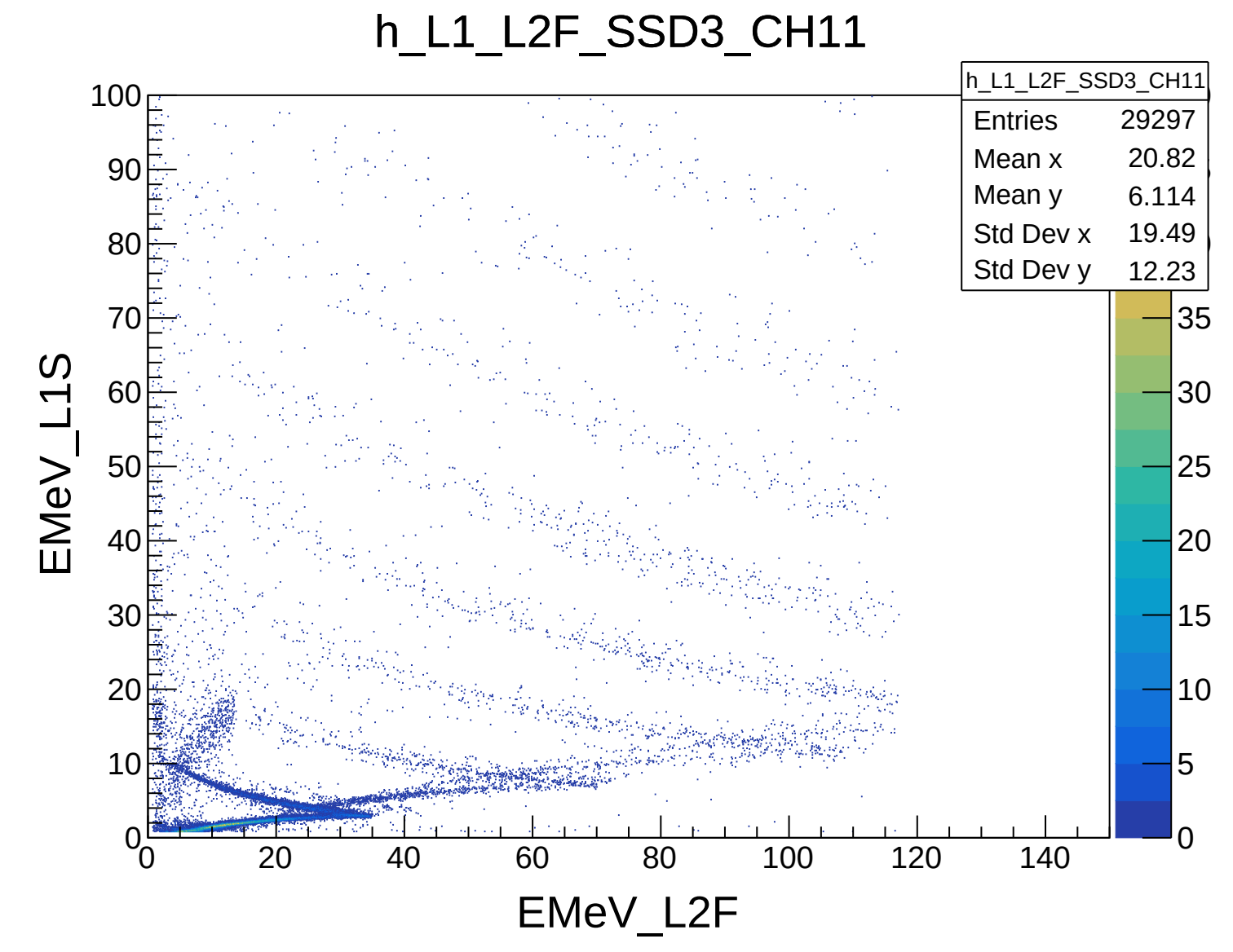
h_L1_L2F_SSD3_CH11
h_L1_L2F_SSD3_CH11
Entries 29297
Mean x 20.82
Mean y 6.114
Std Dev x 19.49
Std Dev y 12.23
EMeV_L1S
EMeV_L2F
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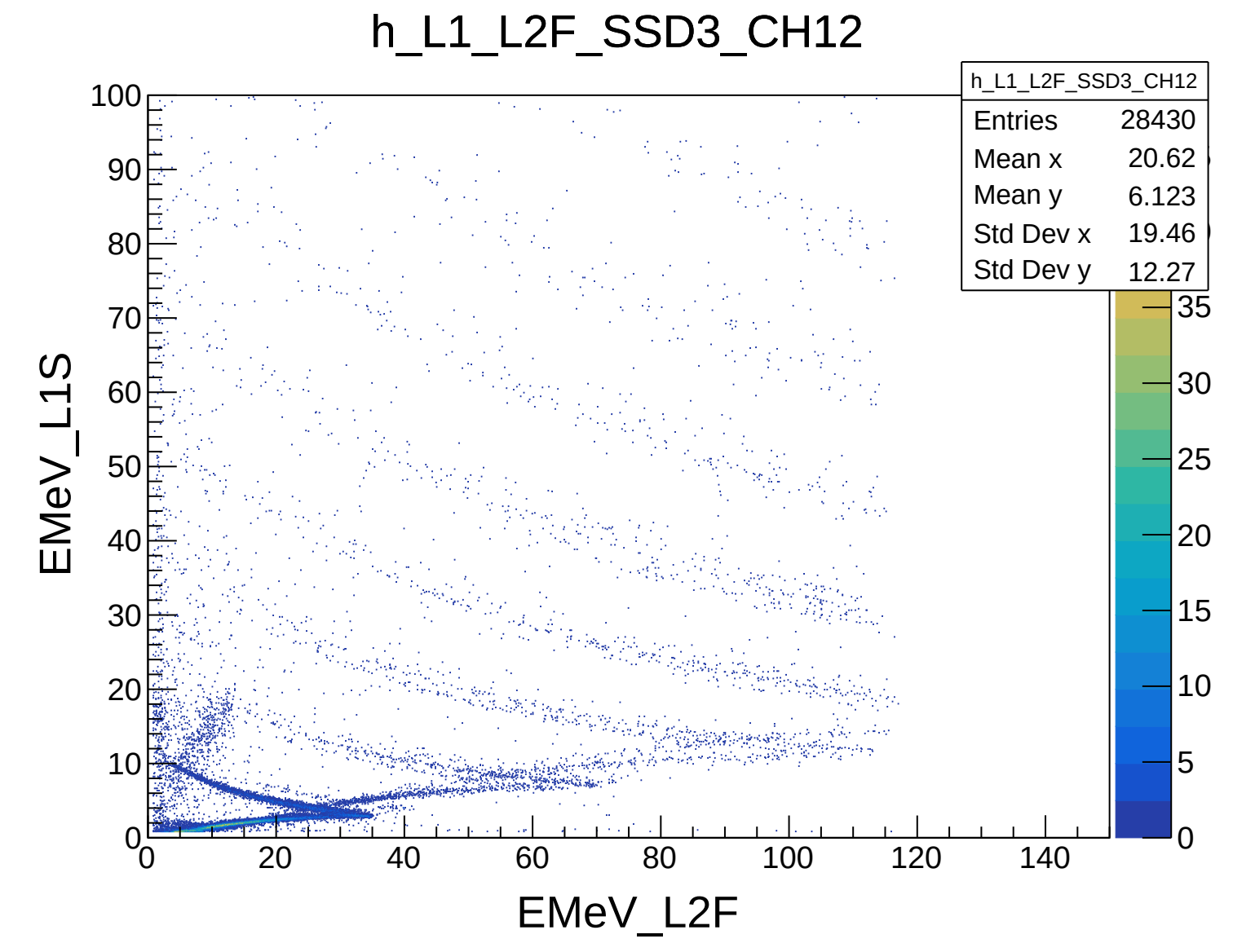
h_L1_L2F_SSD3_CH12
h_L1_L2F_SSD3_CH12
Entries 28430
Mean x 20.62
Mean y 6.123
Std Dev x 19.46
Std Dev y 12.27
EMeV_L1S
EMeV_L2F
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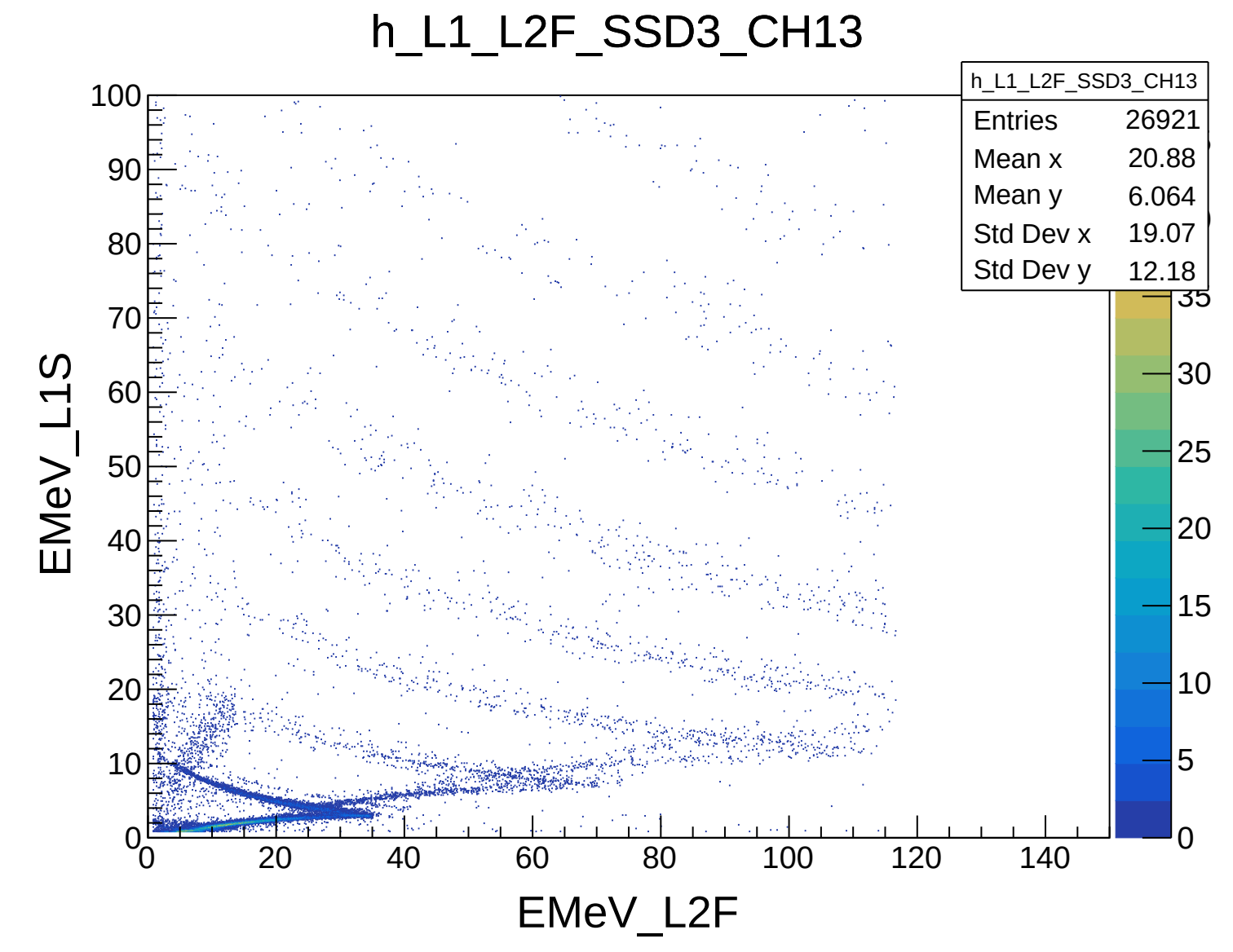
h_L1_L2F_SSD3_CH13
h_L1_L2F_SSD3_CH13
Entries 26921
Mean x 20.88
Mean y 6.064
Std Dev x 19.07
Std Dev y 12.18
EMeV_L1S
EMeV_L2F
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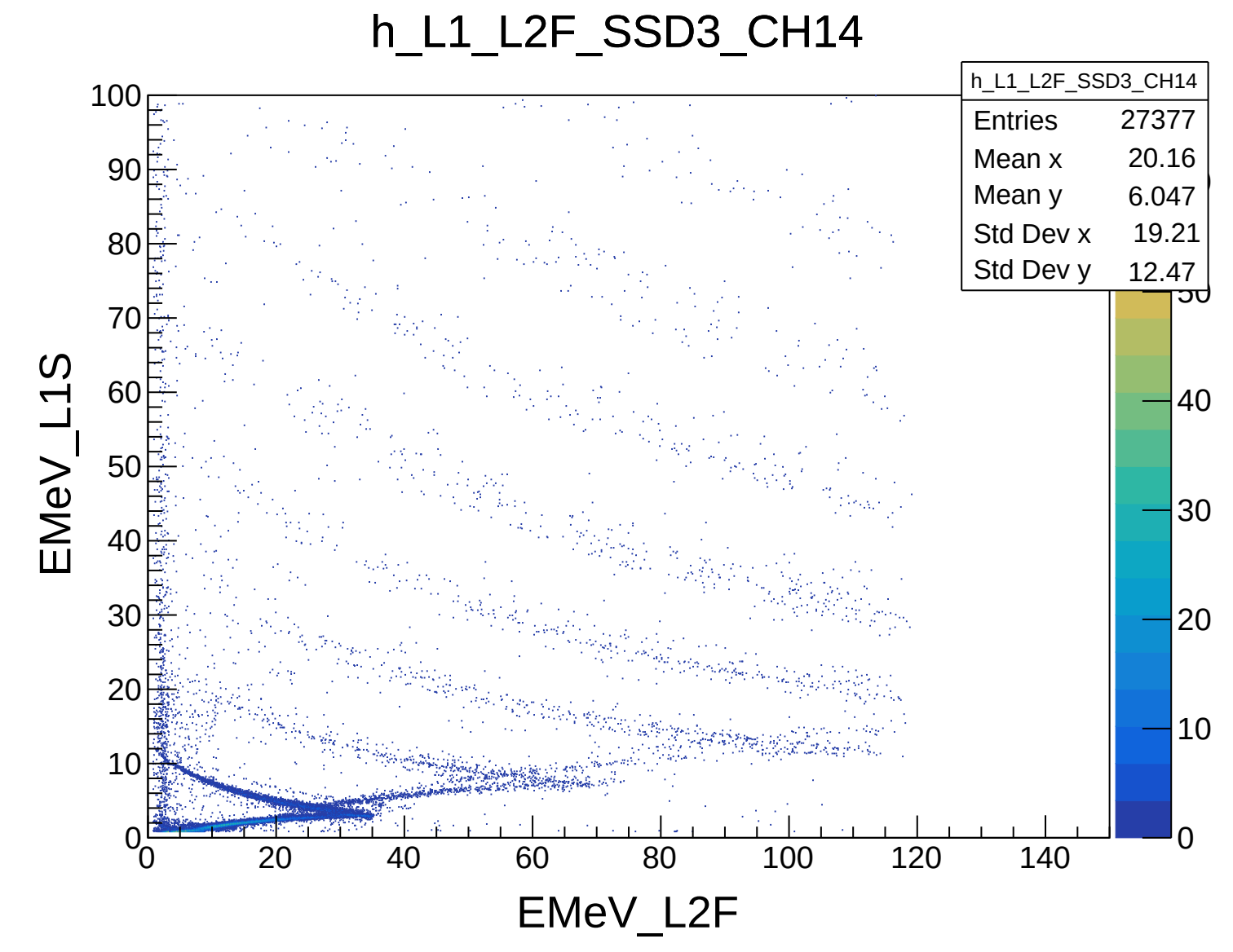
h_L1_L2F_SSD3_CH14
h_L1_L2F_SSD3_CH14
Entries 27377
Mean x 20.16
Mean y 6.047
Std Dev x 19.21
Std Dev y 12.47
EMeV_L1S
EMeV_L2F
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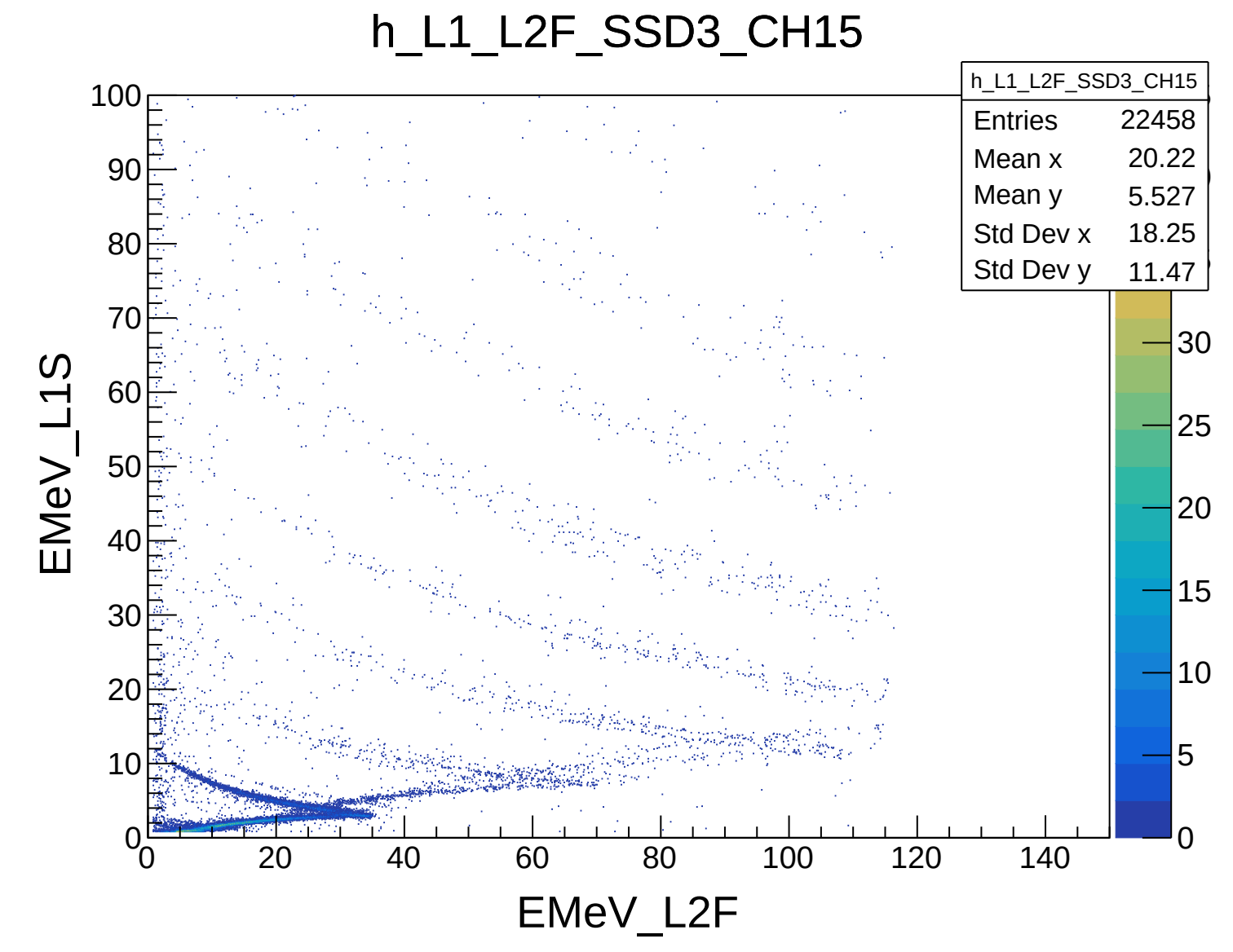
h_L1_L2F_SSD3_CH15
h_L1_L2F_SSD3_CH15
Entries 22458
Mean x 20.22
Mean y 5.527
Std Dev x 18.25
Std Dev y 11.47
EMeV_L1S
EMeV_L2F
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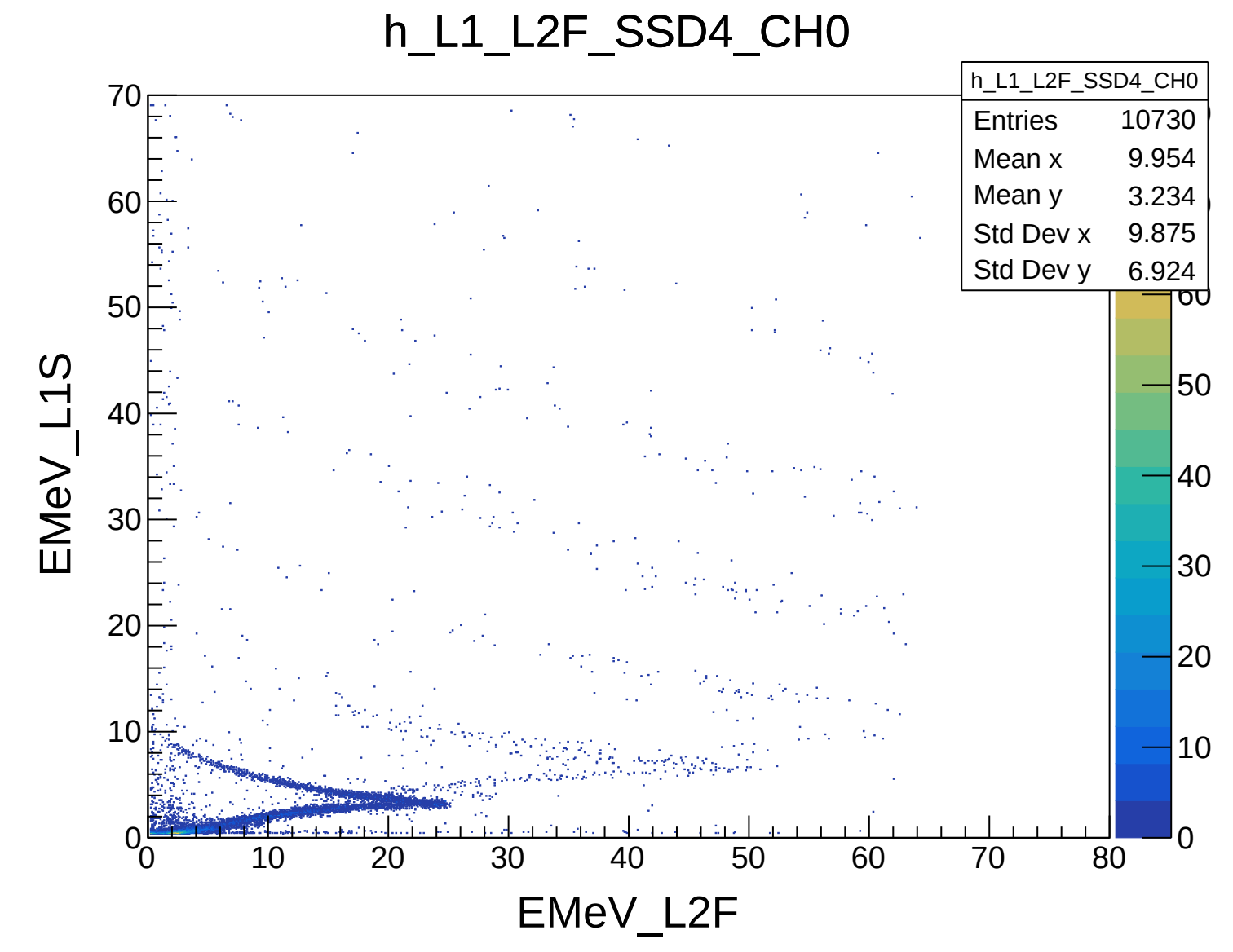
h_L1_L2F_SSD4_CH0
h_L1_L2F_SSD4_CH0
Entries 10730
Mean x 9.954
Mean y 3.234
Std Dev x 9.875
Std Dev y 6.924
EMeV_L1S
EMeV_L2F
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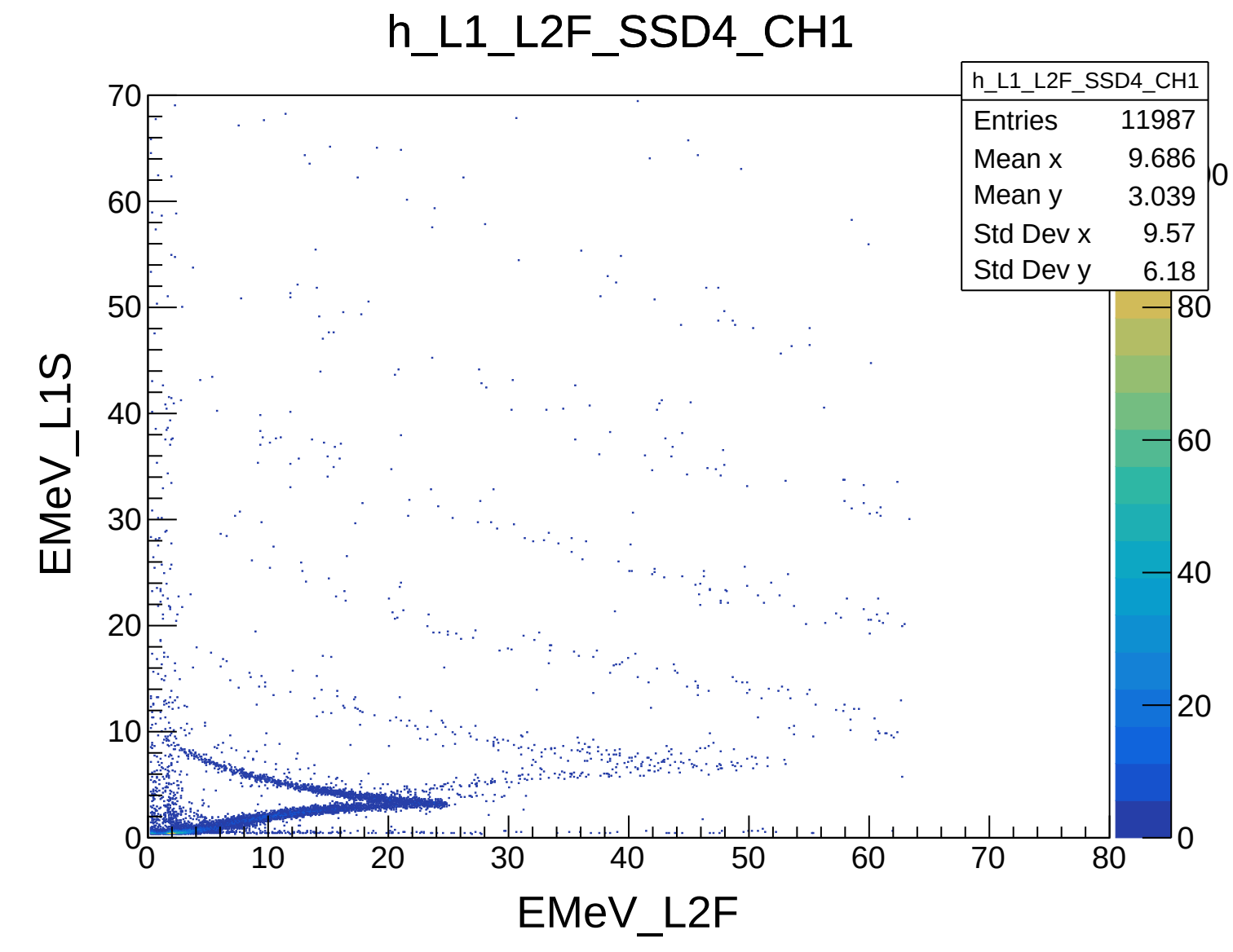
h_L1_L2F_SSD4_CH1
h_L1_L2F_SSD4_CH1
Entries 11987
Mean x 9.686
Mean y 3.039
Std Dev x 9.57
Std Dev y 6.18
EMeV_L1S
EMeV_L2F
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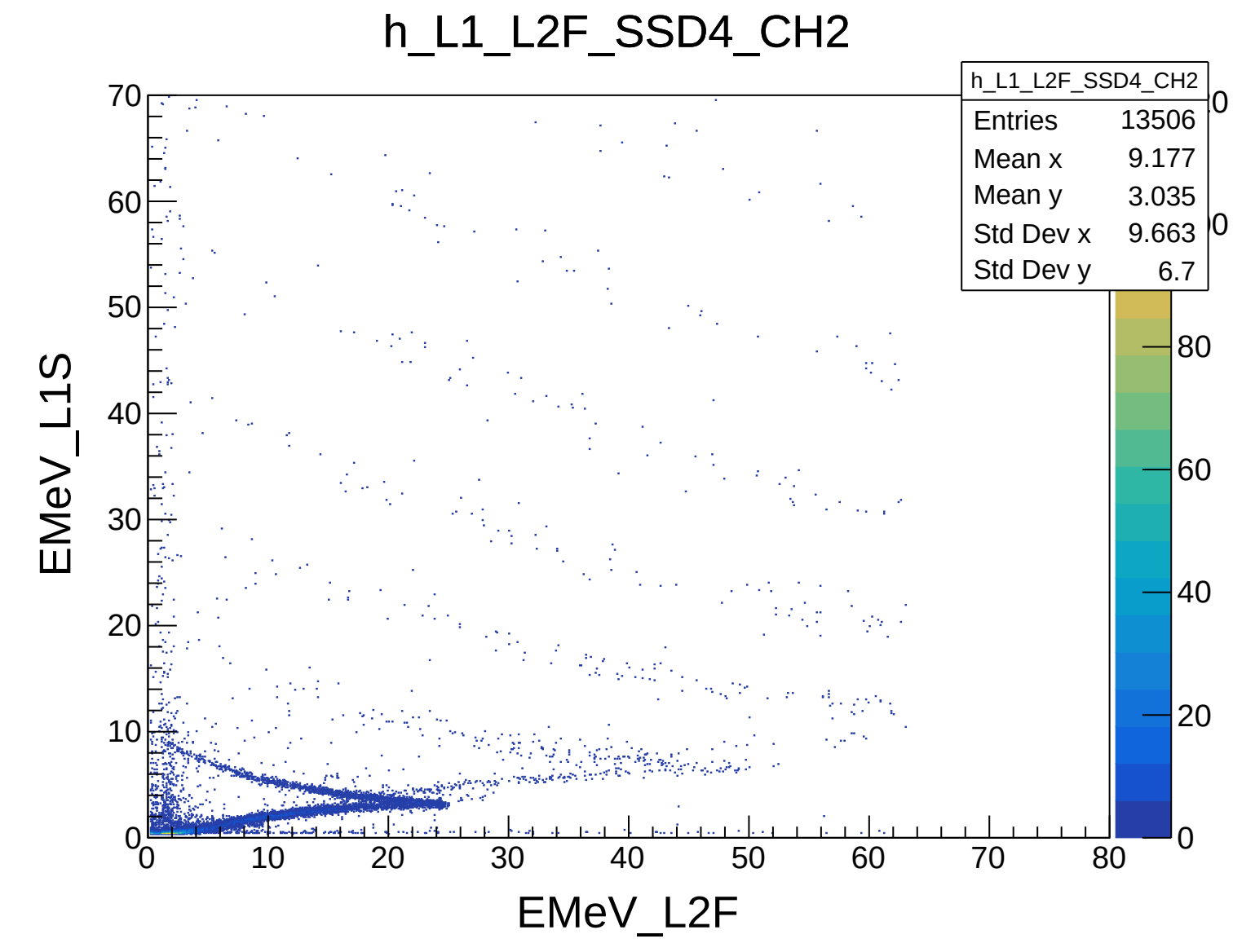
h_L1_L2F_SSD4_CH2
h_L1_L2F_SSD4_CH2
Entries 13506
Mean x 9.177
Mean y 3.035
Std Dev x 9.663
Std Dev y 6.7
EMeV_L1S
EMeV_L2F
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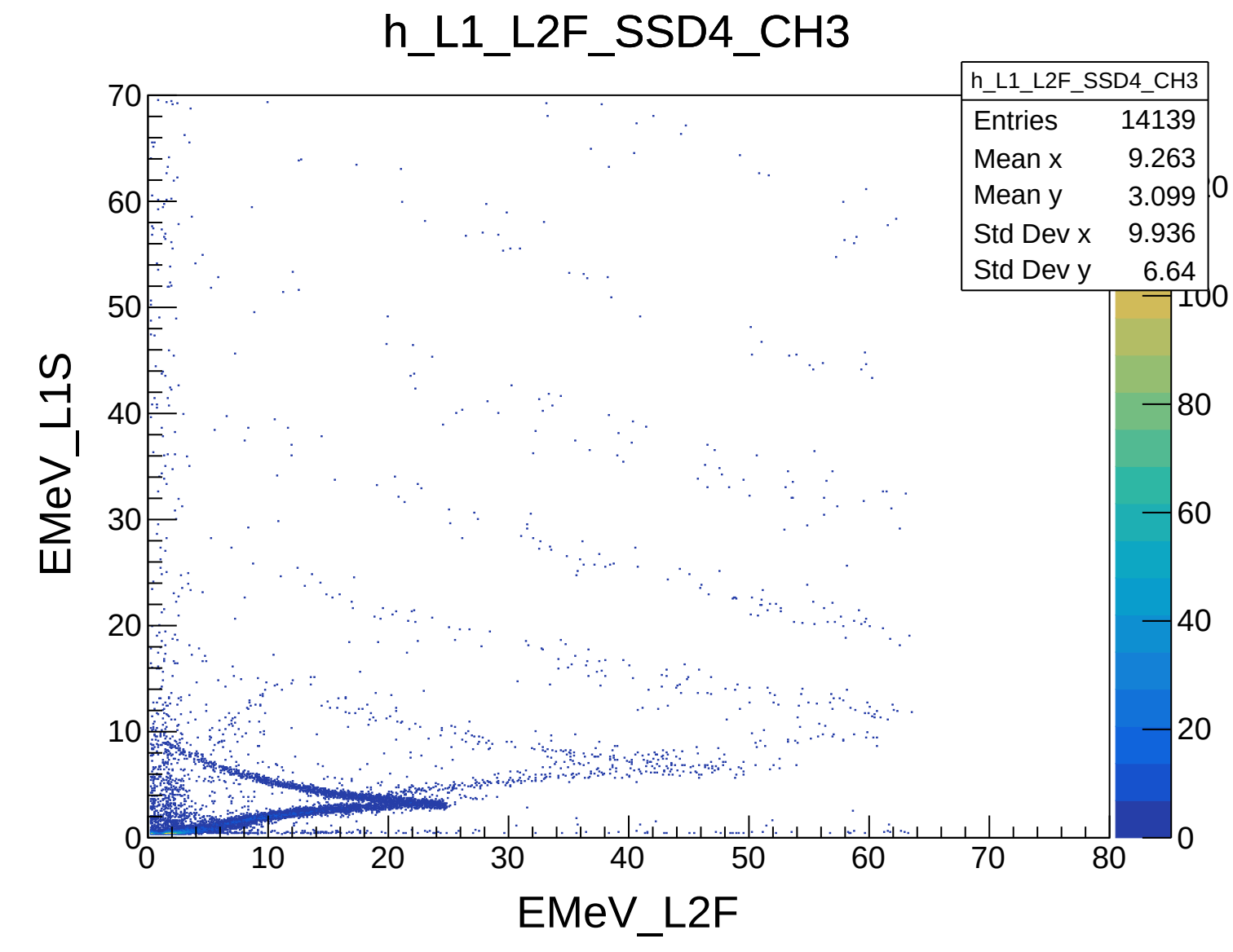
h_L1_L2F_SSD4_CH3
h_L1_L2F_SSD4_CH3
Entries 14139
Mean x 9.263
Mean y 3.099
Std Dev x 9.936
Std Dev y 6.64
EMeV_L1S
EMeV_L2F
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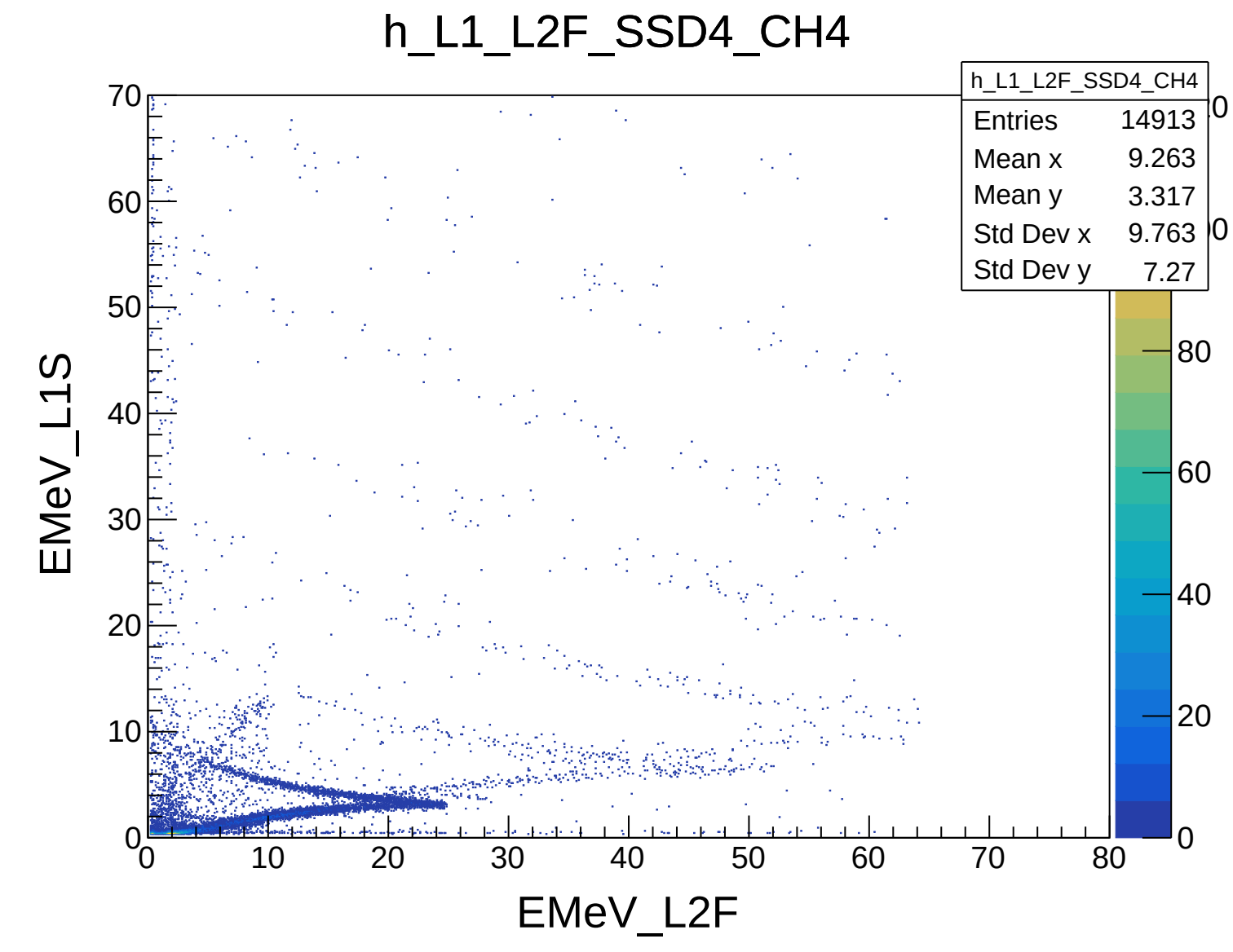
h_L1_L2F_SSD4_CH4
h_L1_L2F_SSD4_CH4
Entries 14913
Mean x 9.263
Mean y 3.317
Std Dev x 9.763
Std Dev y 7.27
EMeV_L1S
EMeV_L2F
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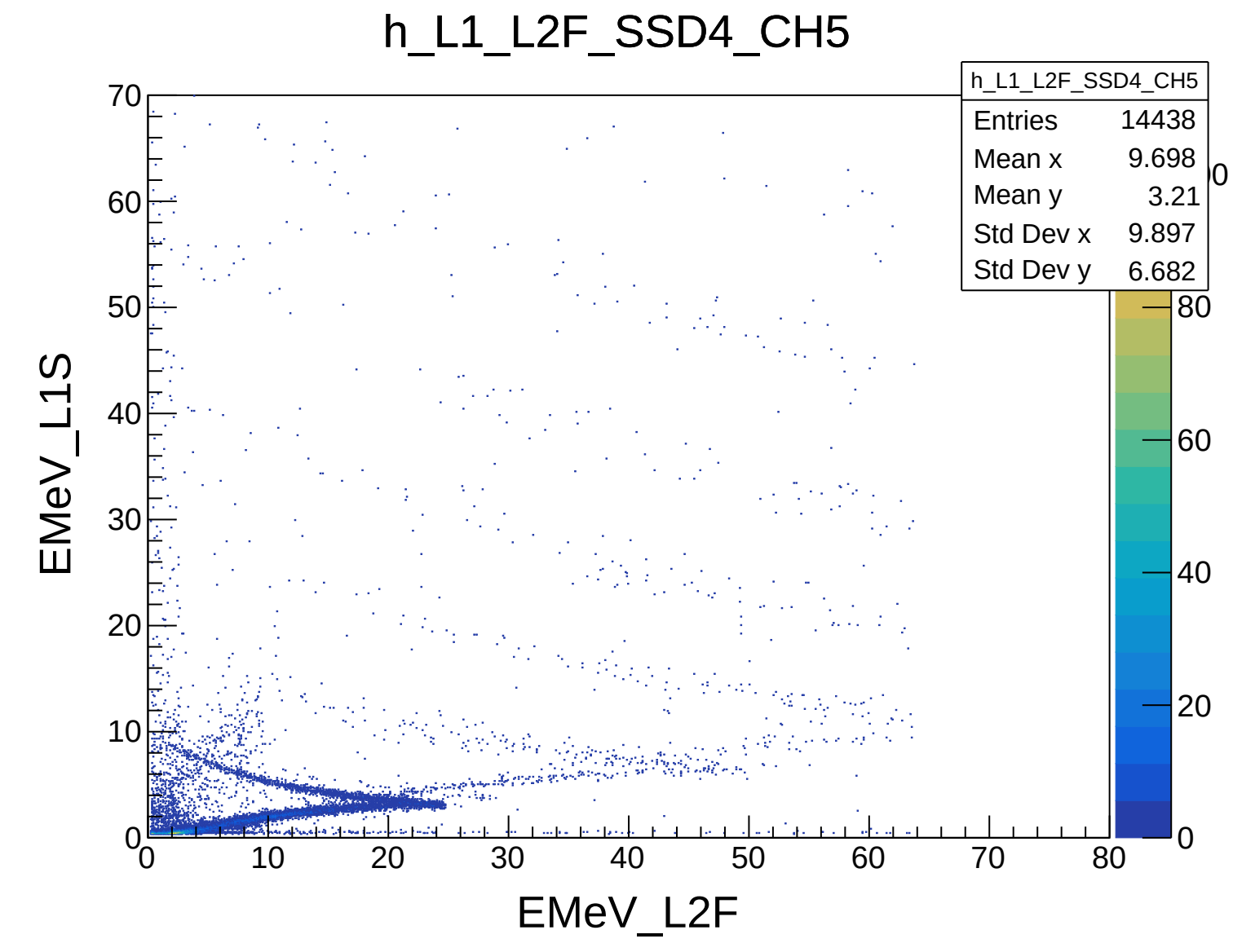
h_L1_L2F_SSD4_CH5
h_L1_L2F_SSD4_CH5
Entries 14438
Mean x 9.698
Mean y 3.21
Std Dev x 9.897
Std Dev y 6.682
EMeV_L1S
EMeV_L2F
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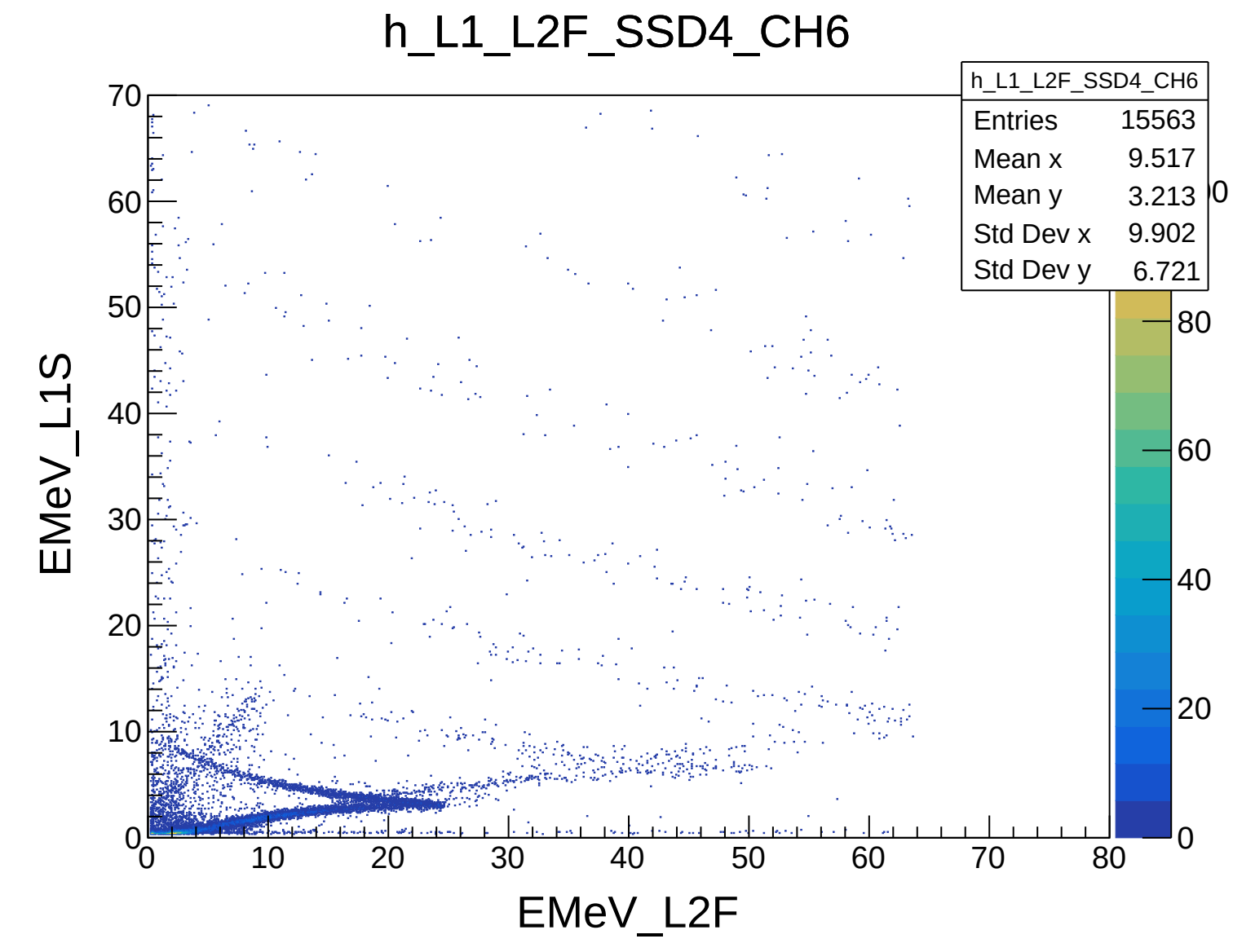
h_L1_L2F_SSD4_CH6
h_L1_L2F_SSD4_CH6
Entries 15563
Mean x 9.517
Mean y 3.213
Std Dev x 9.902
Std Dev y 6.721
EMeV_L1S
EMeV_L2F
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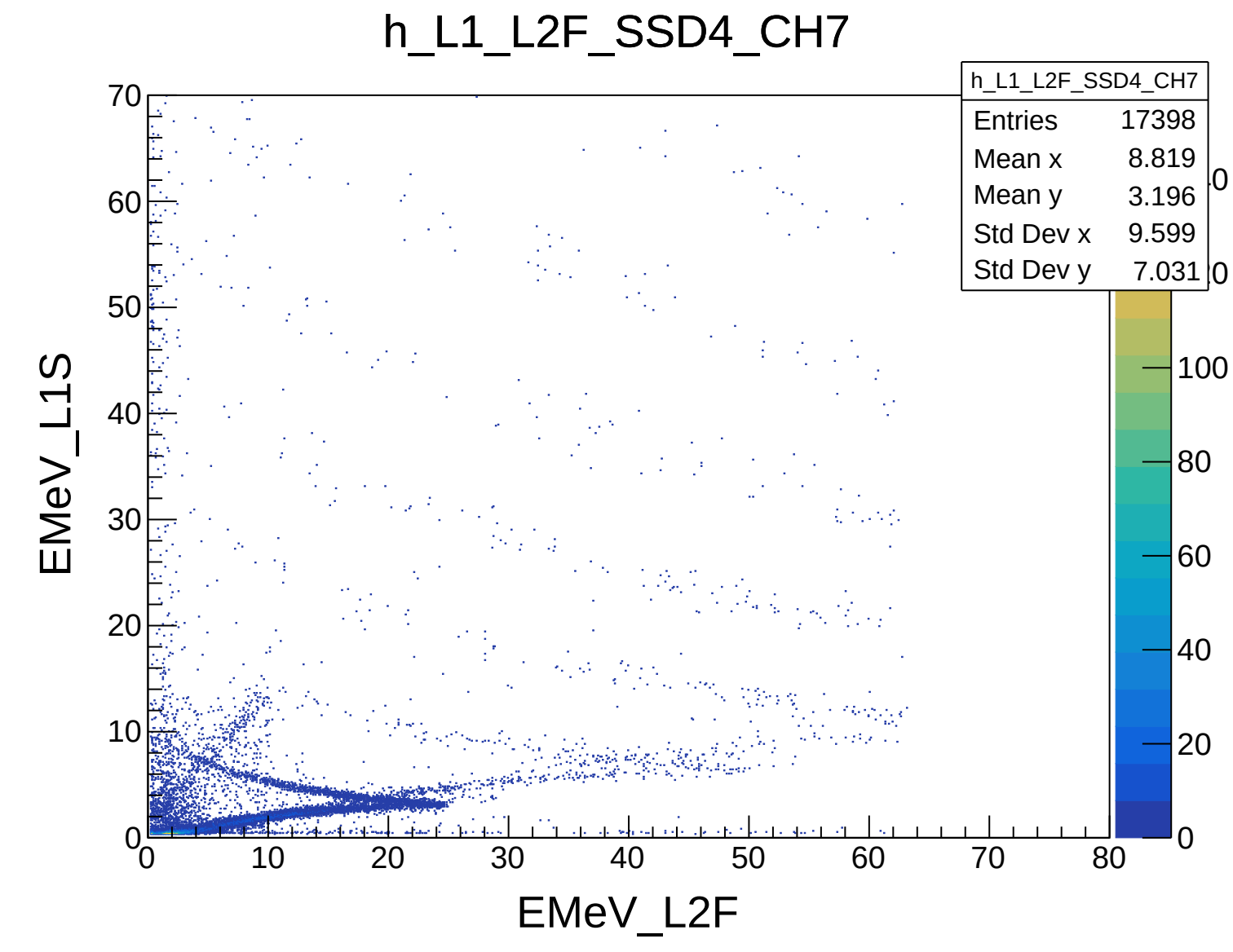
h_L1_L2F_SSD4_CH7
h_L1_L2F_SSD4_CH7
Entries 17398
Mean x 8.819
Mean y 3.196
Std Dev x 9.599
Std Dev y 7.031
EMeV_L1S
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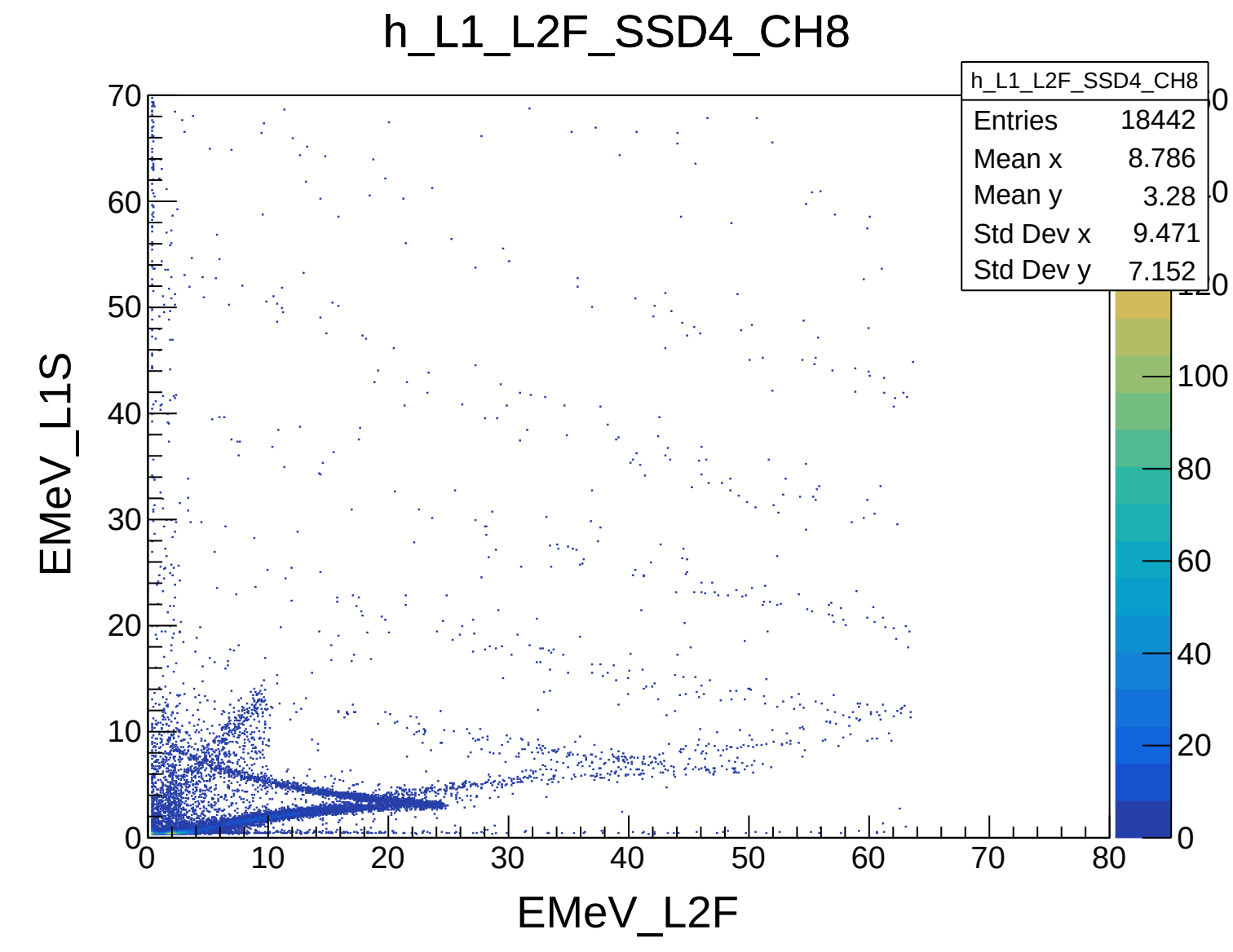
h_L1_L2F_SSD4_CH8
h_L1_L2F_SSD4_CH8
Entries 18442
Mean x 8.786
Mean y 3.28
Std Dev x 9.471
Std Dev y 7.152
EMeV_L1S
EMeV_L2F
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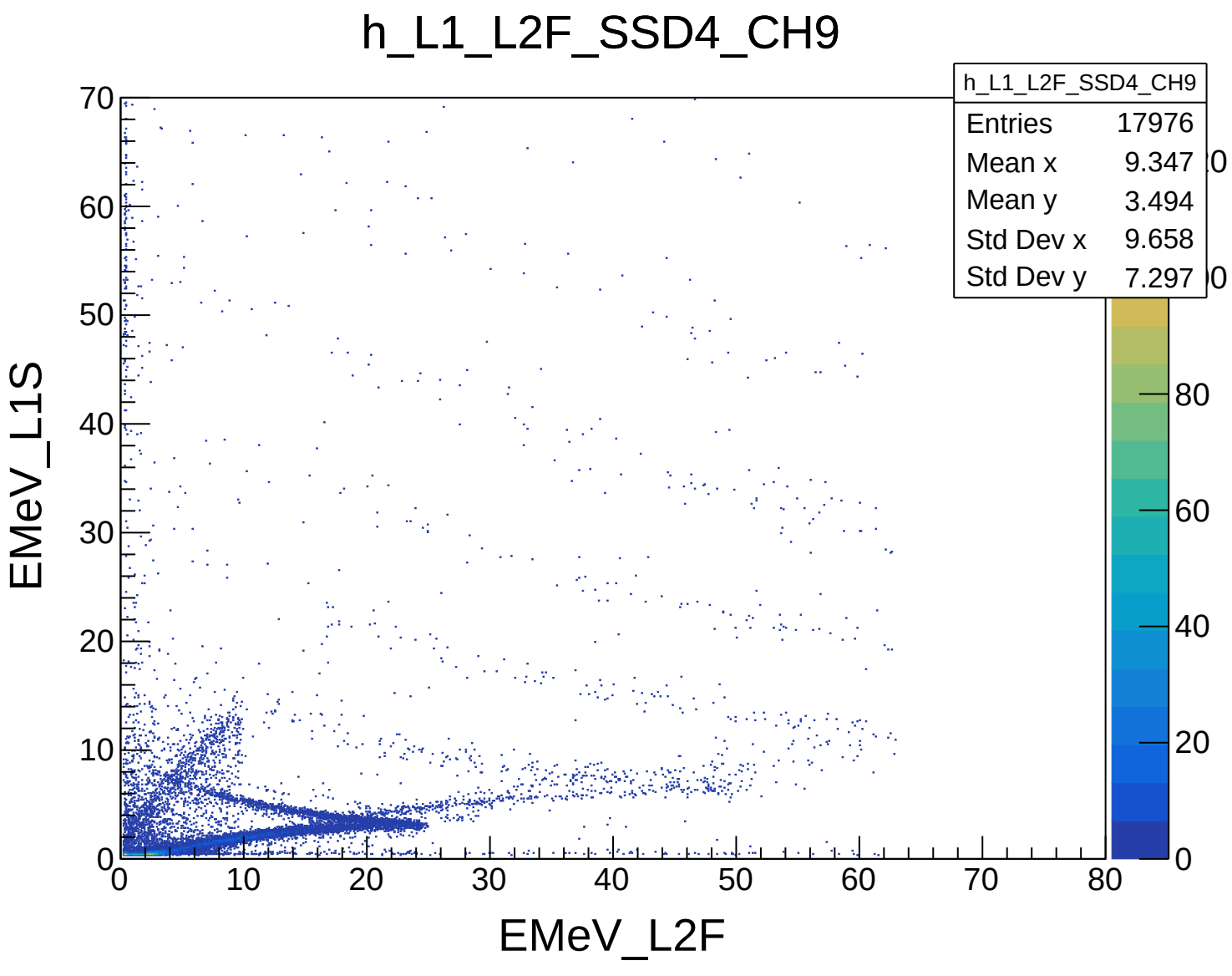
h_L1_L2F_SSD4_CH9
h_L1_L2F_SSD4_CH9
Entries 17976
Mean x 9.347
Mean y 3.494
Std Dev x 9.658
Std Dev y 7.297
EMeV_L1S
EMeV_L2F
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30
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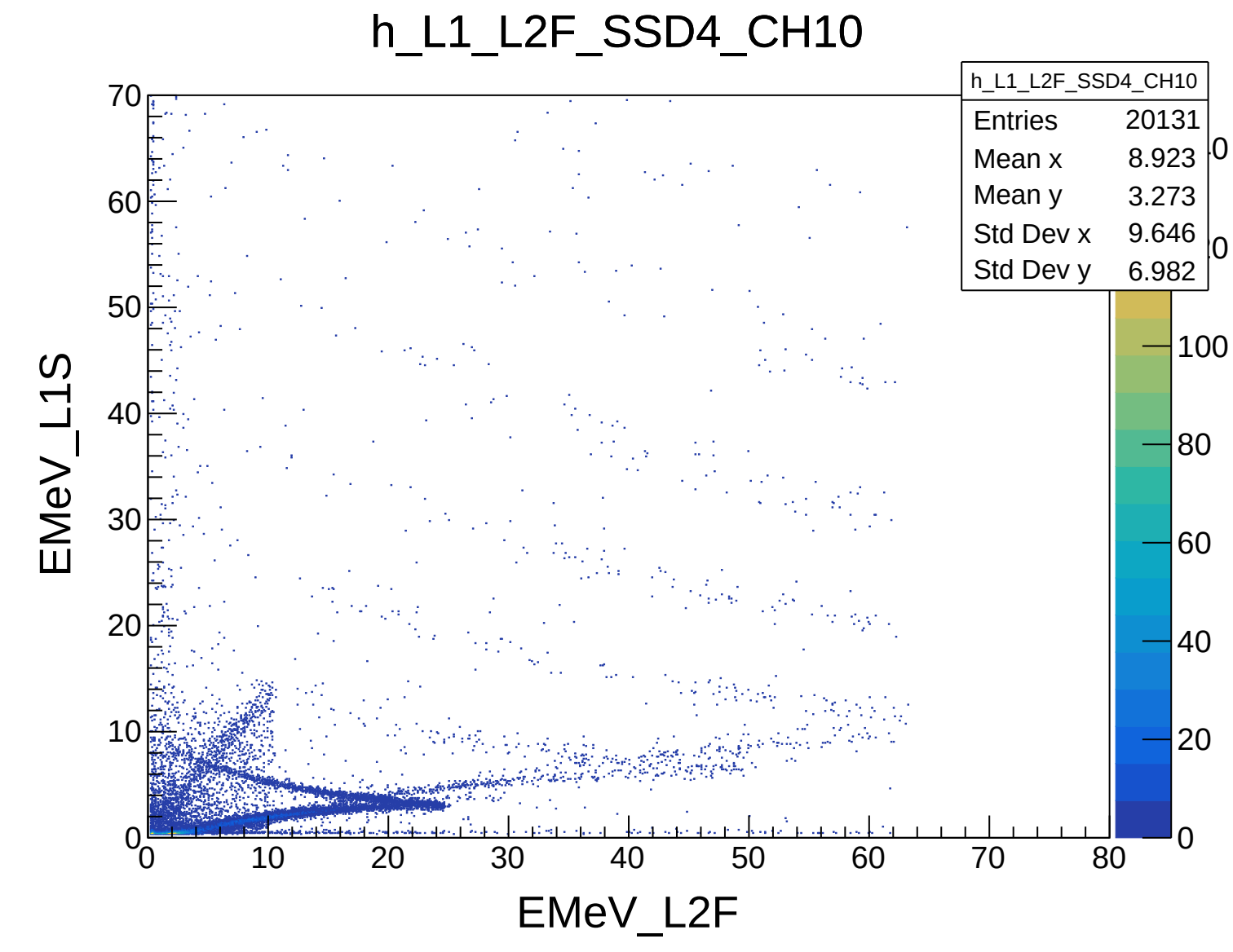
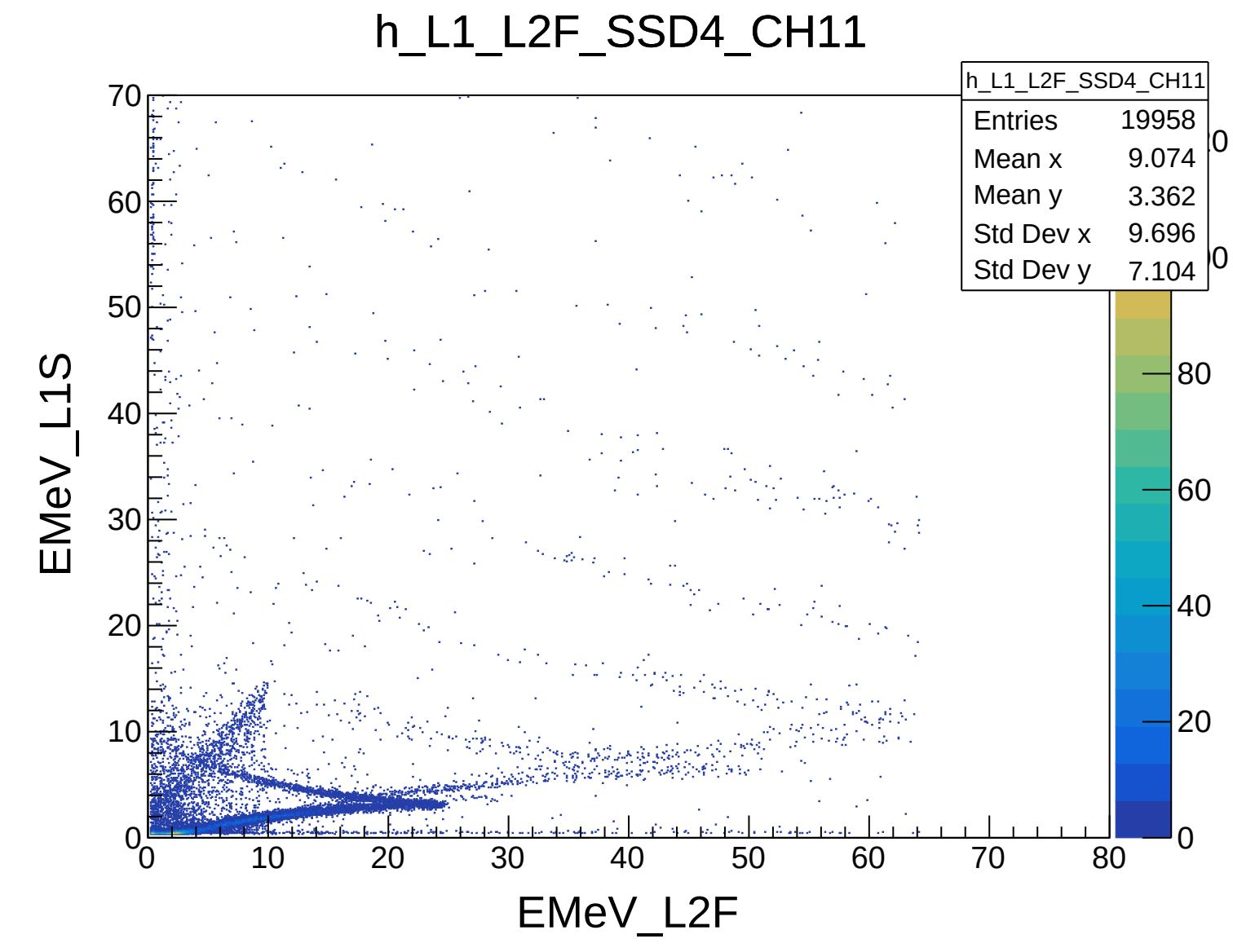
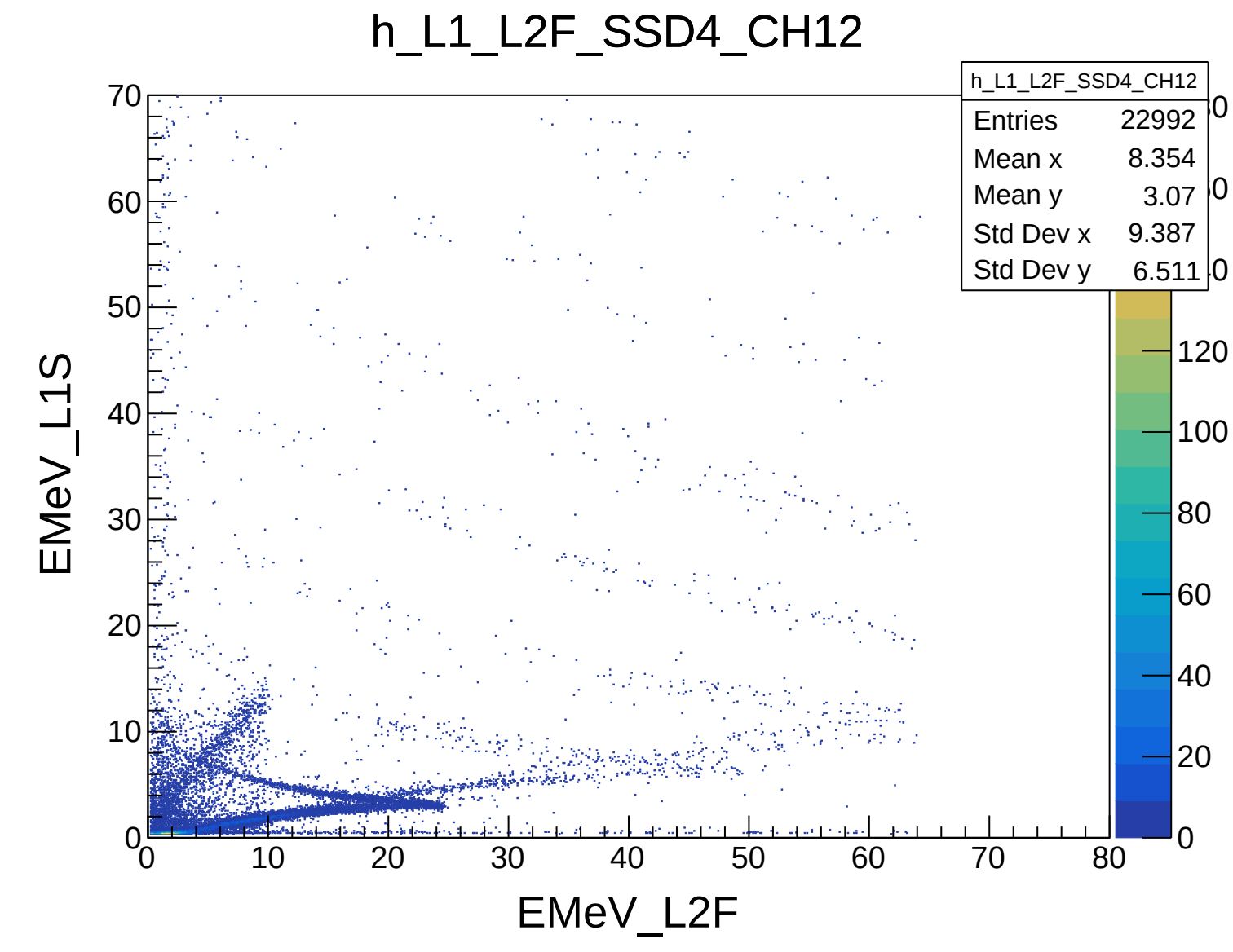
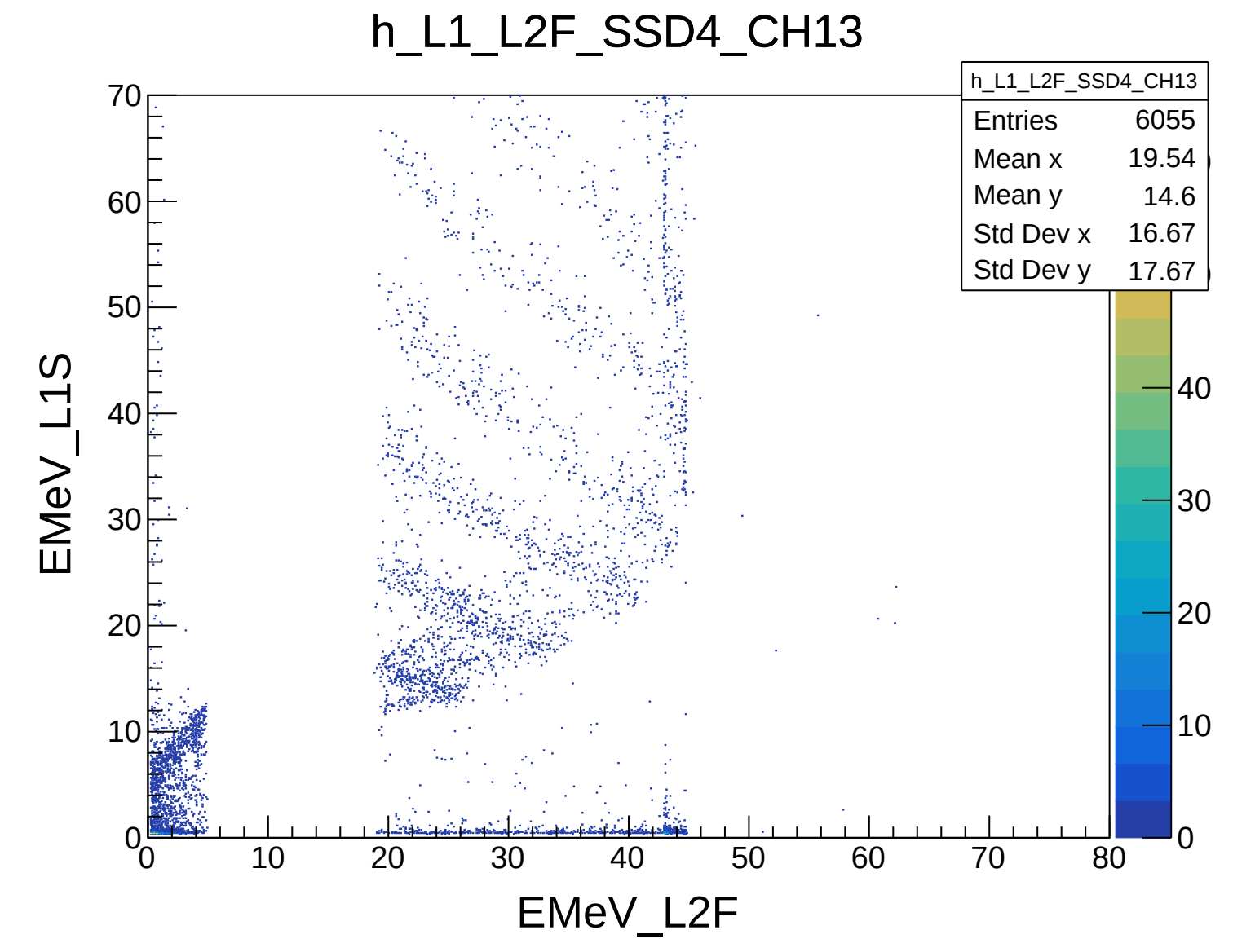
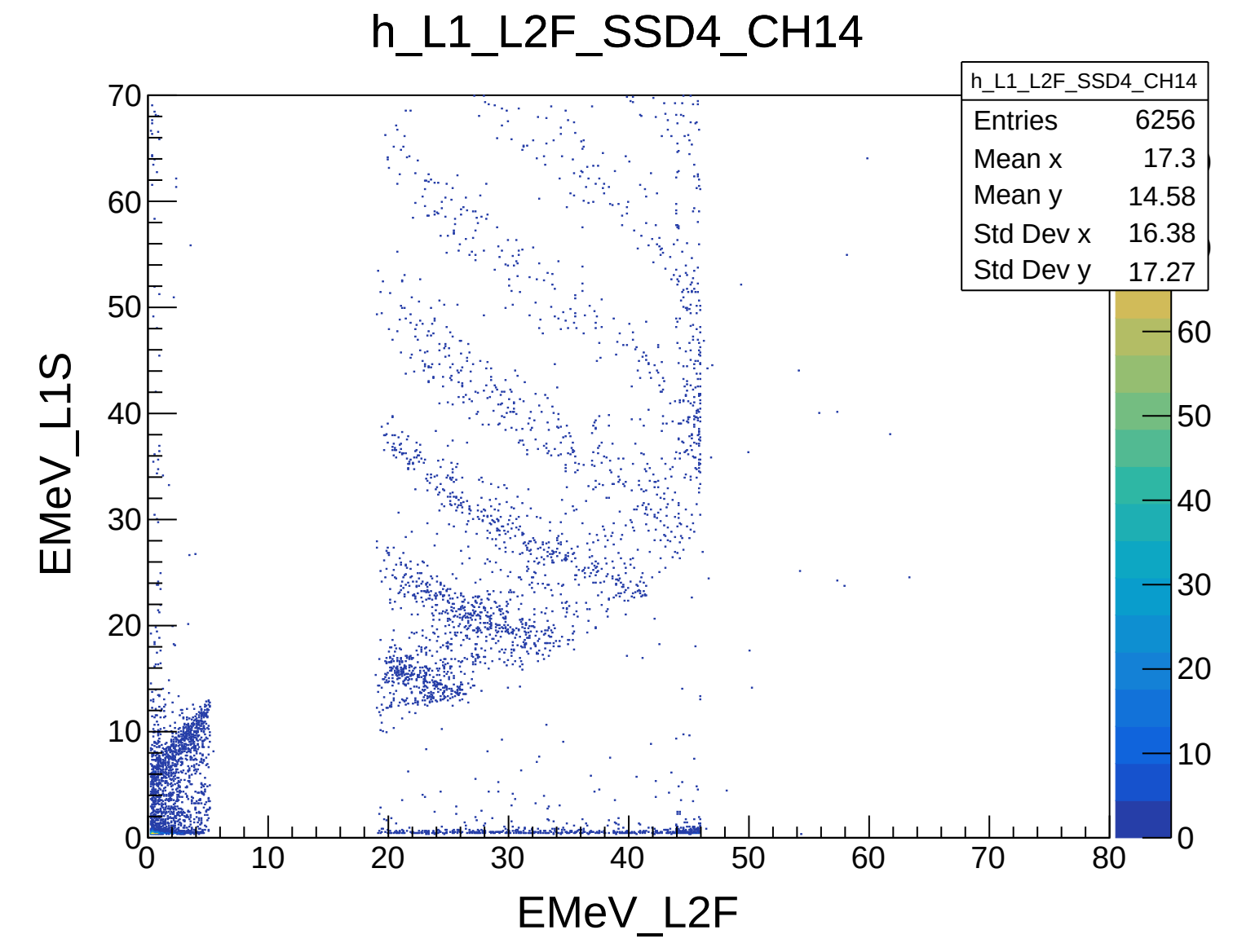
70
80

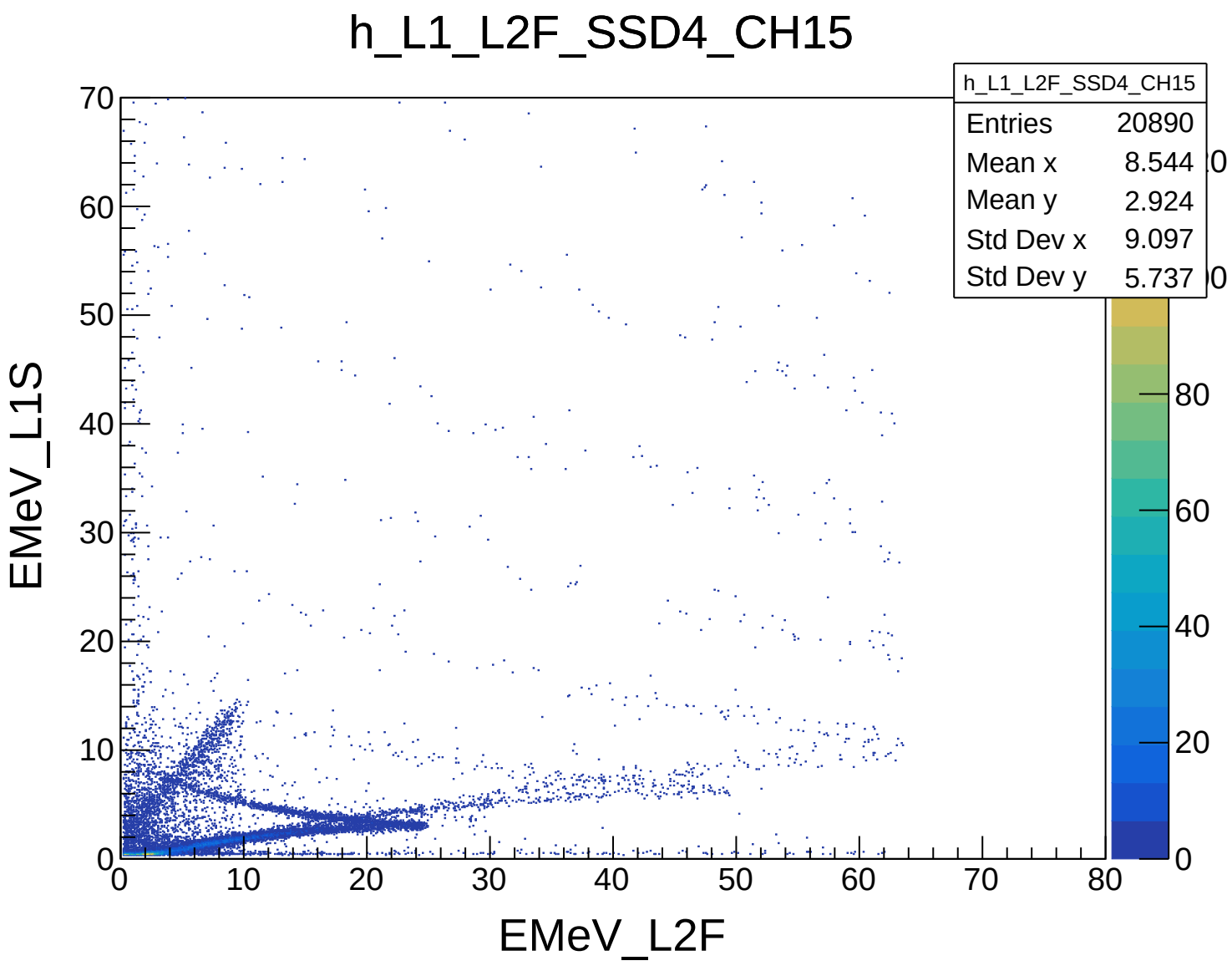

h_L1_L2F_SSD4_CH10
h_L1_L2F_SSD4_CH10
Entries 20131
Mean x 8.923
Mean y 3.273
Std Dev x 9.646
Std Dev y 6.982
EMeV_L1S
EMeV_L2F
0
10
20
30
40
50
60
70
80
100


h_L1_L2F_SSD4_CH11
h_L1_L2F_SSD4_CH11
Entries 19958
Mean x 9.074
Mean y 3.362
Std Dev x 9.696
Std Dev y 7.104
EMeV_L1S
EMeV_L2F
0
10
20
30
40
50
60
70
80


h_L1_L2F_SSD4_CH12
h_L1_L2F_SSD4_CH12
Entries 22992
Mean x 8.354
Mean y 3.07
Std Dev x 9.387
Std Dev y 6.511
EMeV_L1S
EMeV_L2F
0
10
20
30
40
50
60
70
80
0
20
40
60
80
100
120


h_L1_L2F_SSD4_CH13
h_L1_L2F_SSD4_CH13
Entries 6055
Mean x 19.54
Mean y 14.6
Std Dev x 16.67
Std Dev y 17.67
EMeV_L1S
EMeV_L2F
0
10
20
30
40
50
60
70
80


h_L1_L2F_SSD4_CH14
h_L1_L2F_SSD4_CH14
Entries 6256
Mean x 17.3
Mean y 14.58
Std Dev x 16.38
Std Dev y 17.27
EMeV_L1S
EMeV_L2F
0
10
20
30
40
50
60
70
80


h_L1_L2F_SSD4_CH15
h_L1_L2F_SSD4_CH15
Entries 20890
Mean x 8.544
Mean y 2.924
Std Dev x 9.097
Std Dev y 5.737
EMeV_L1S
EMeV_L2F
0
10
20
30
40
50
60
70
80