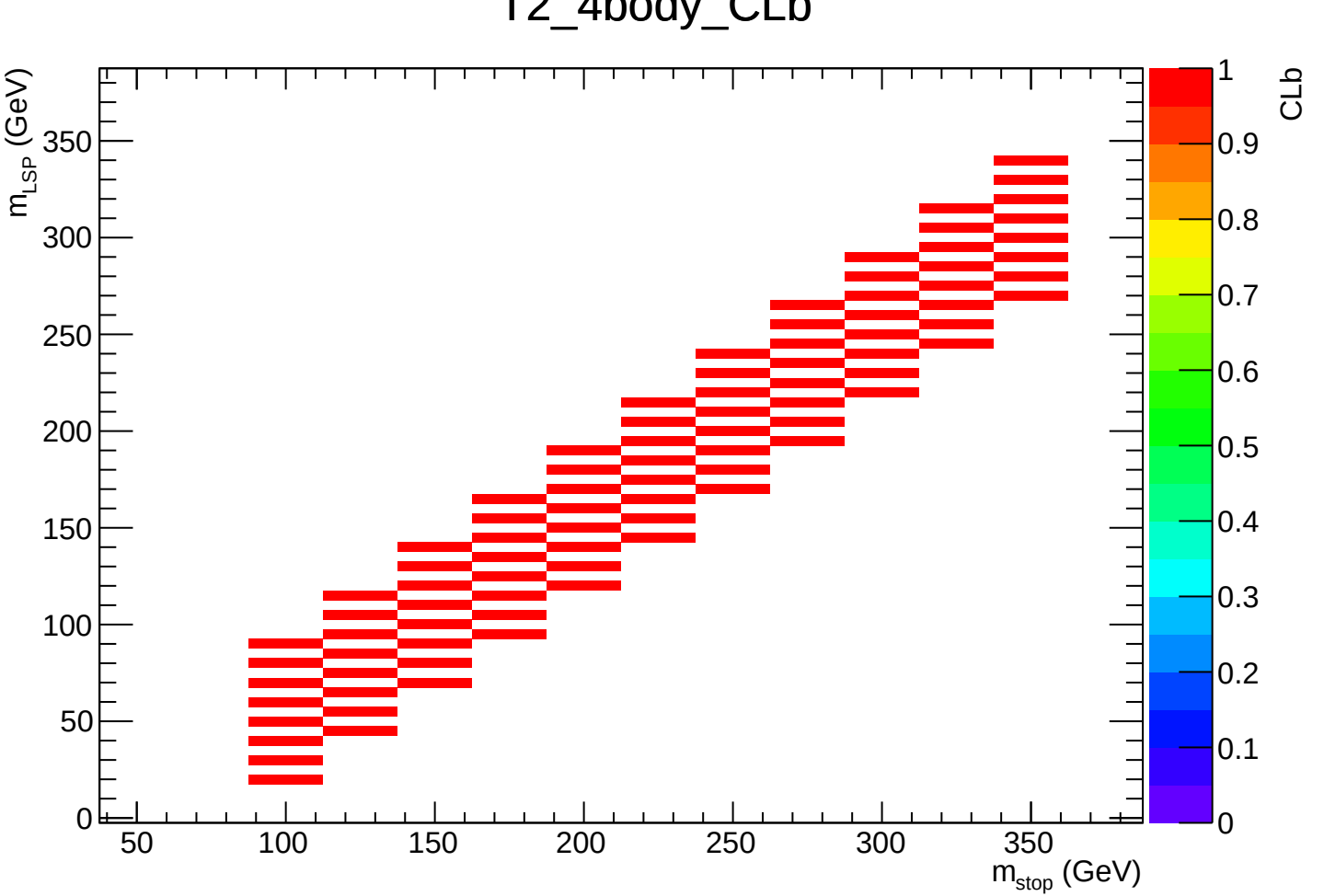
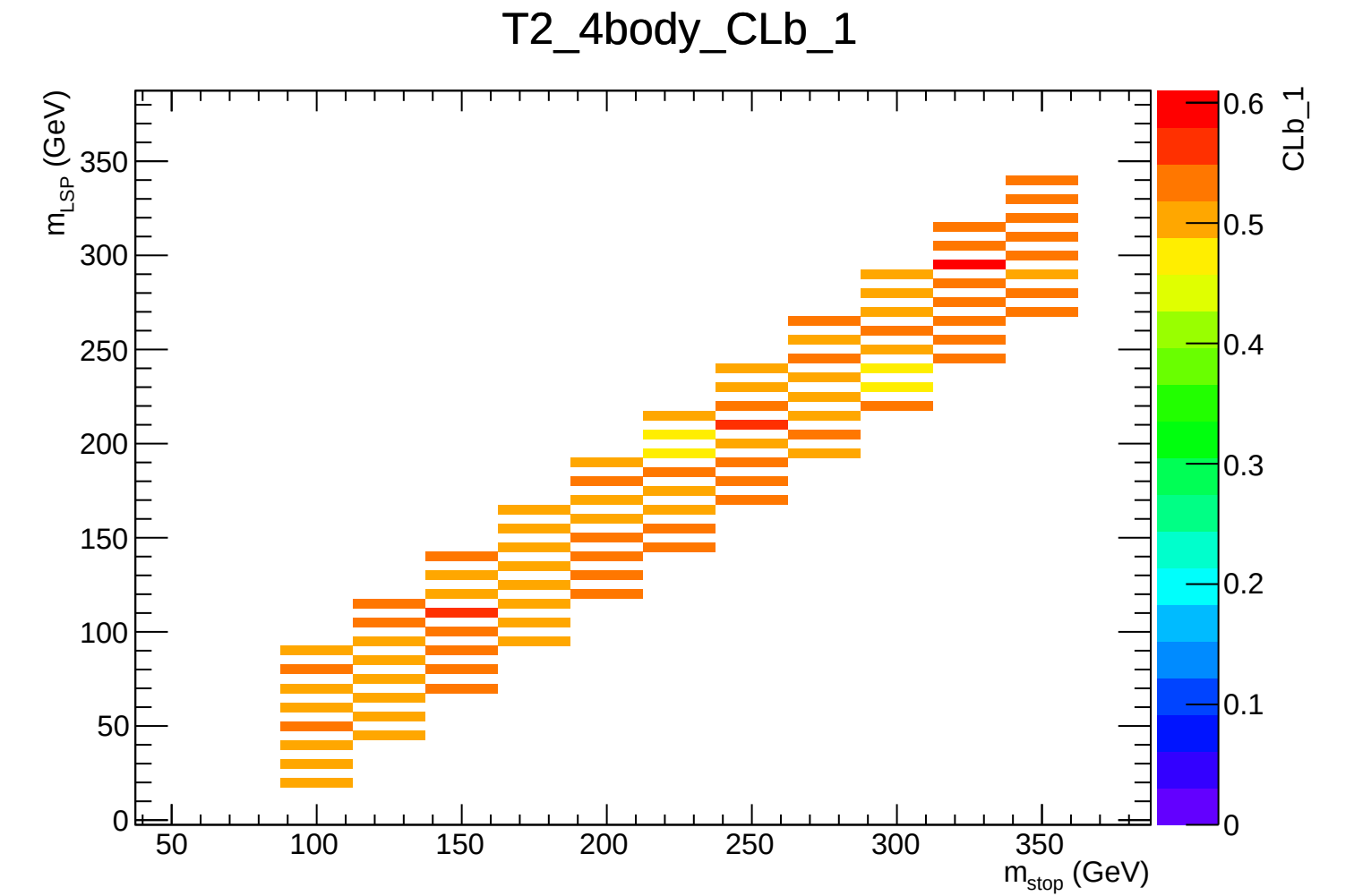
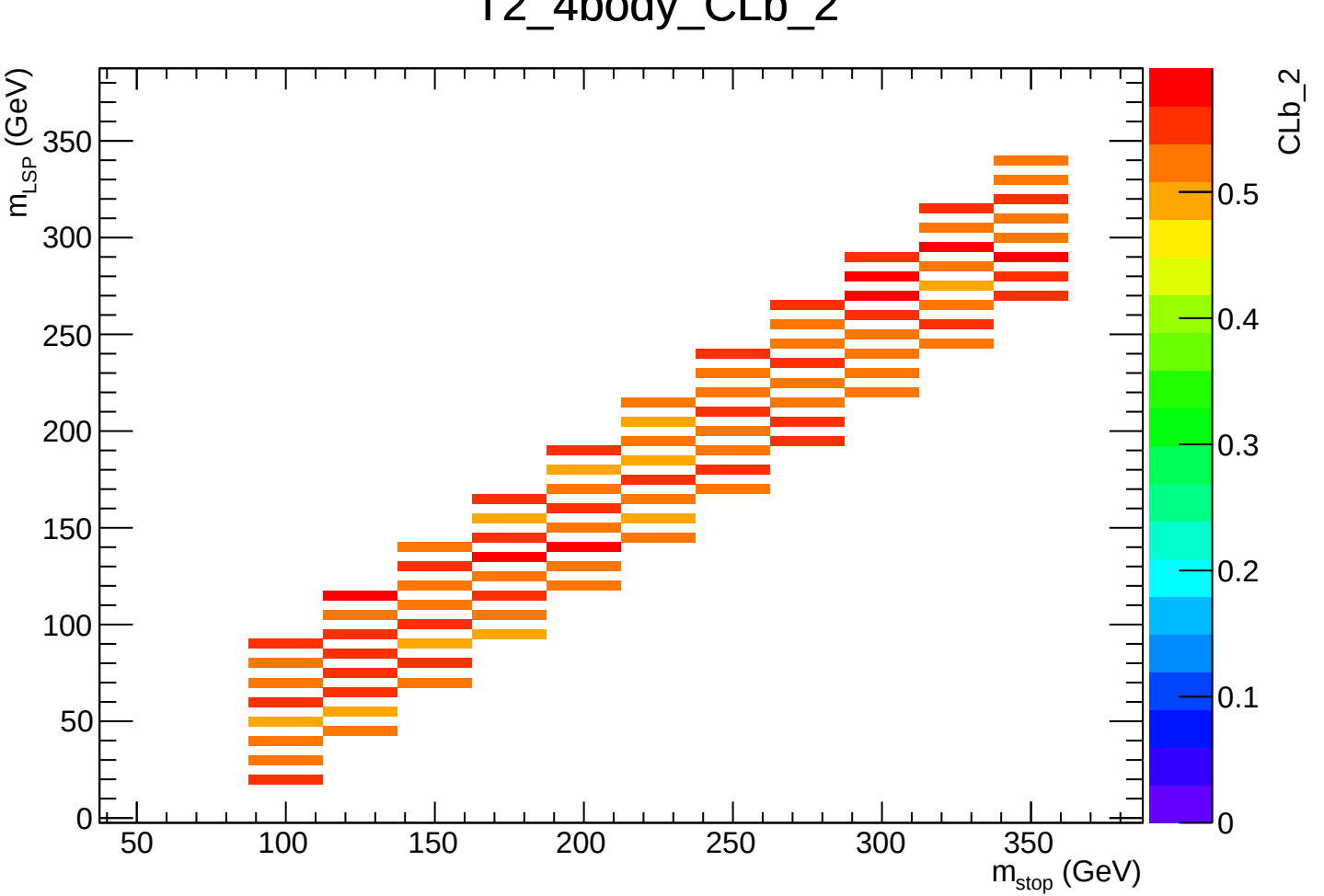
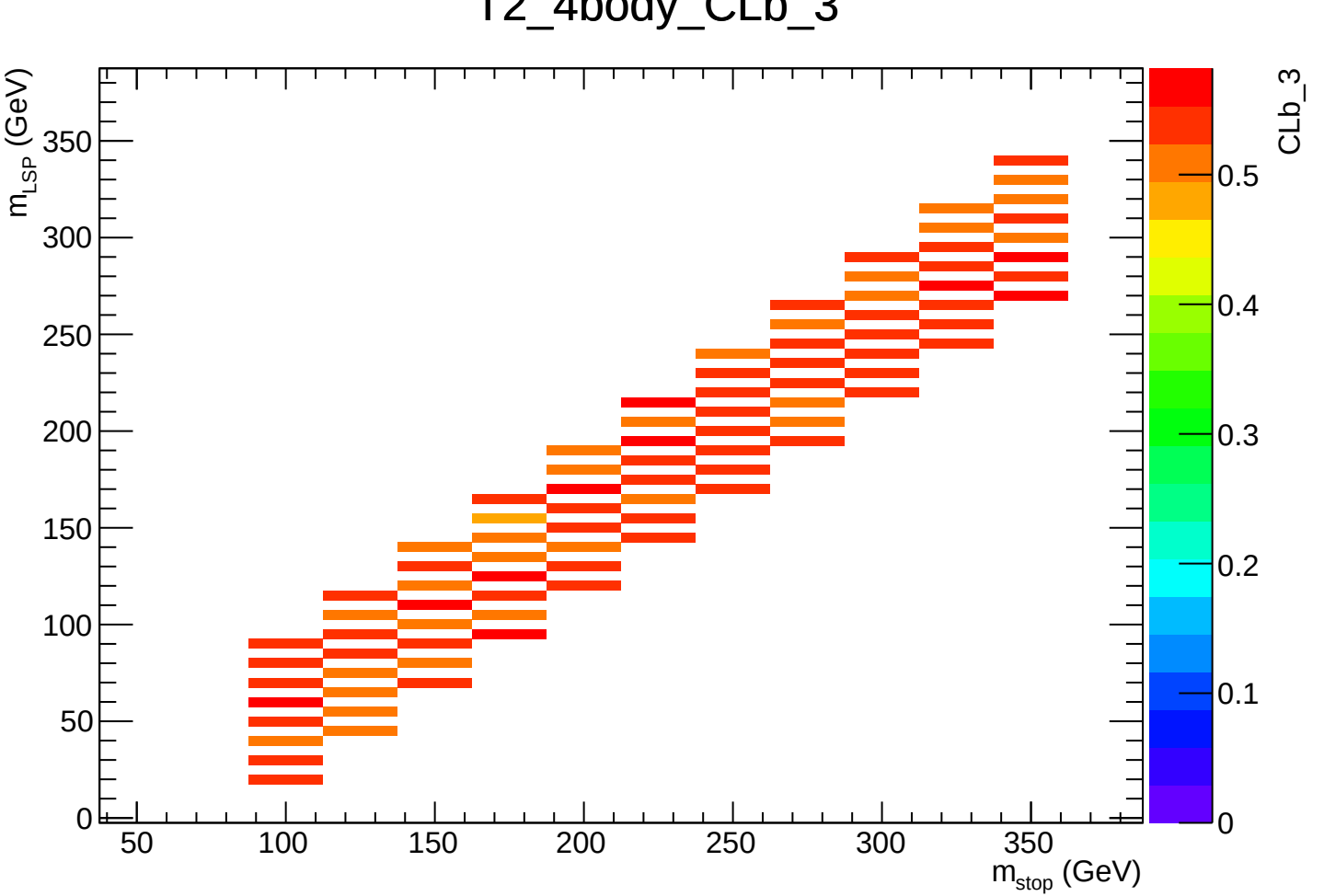
[restore useful info here]

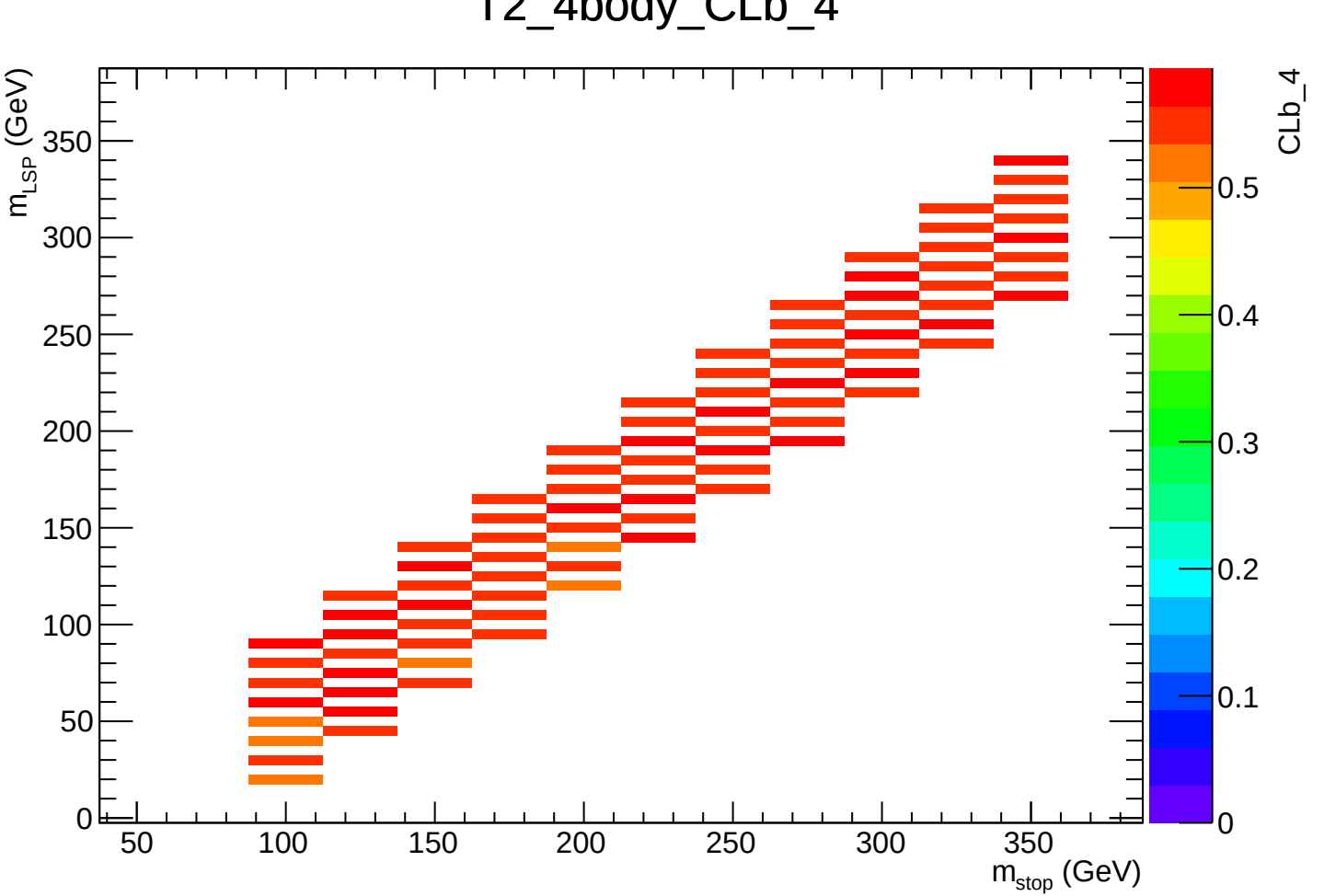
file created at Tue Oct 21 06:36:02 2014

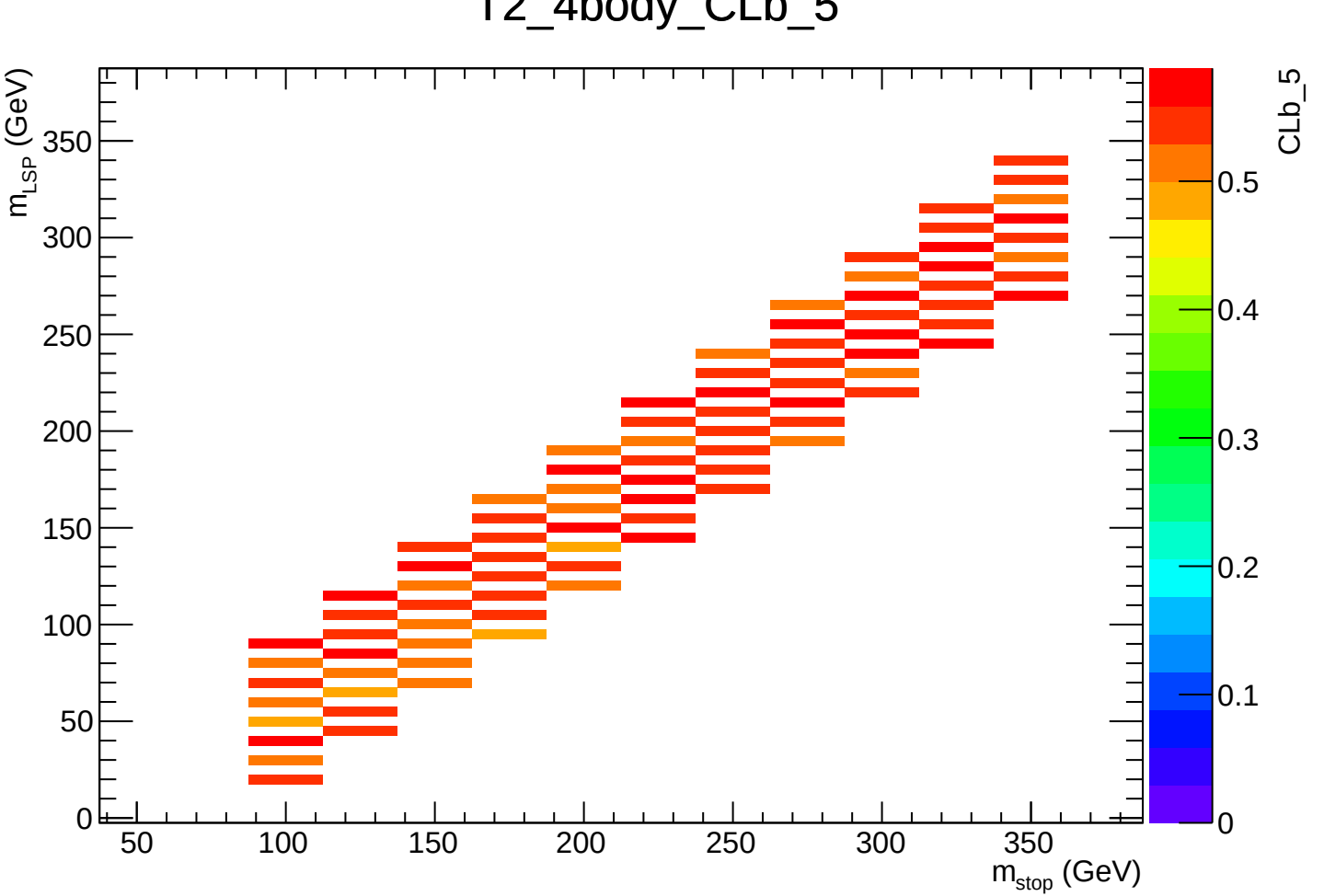

T2_4body_CLb
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLb
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

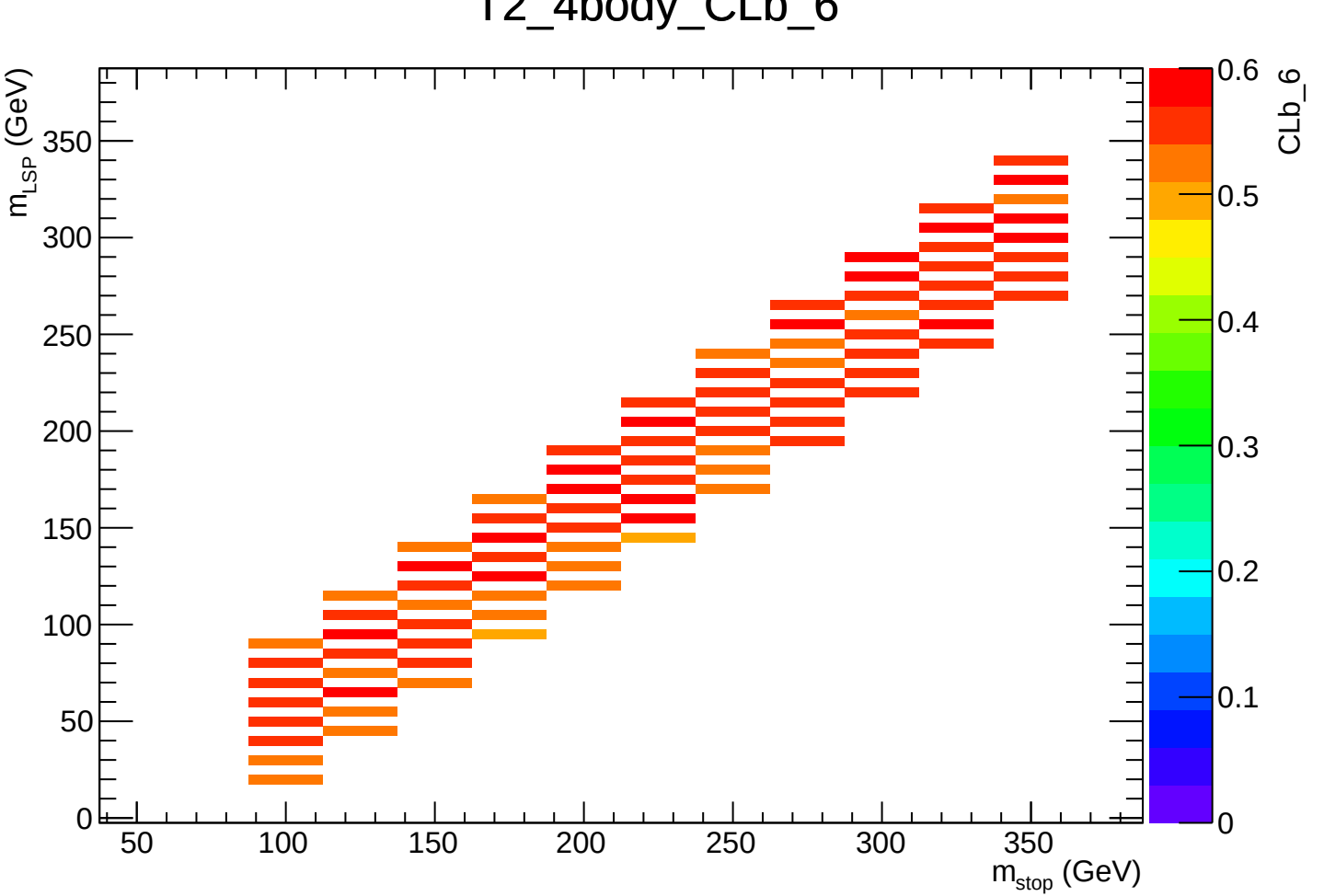

T2_4body_CLb_1
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
CLb_1
0
0.1
0.2
0.3
0.4
0.5
0.6

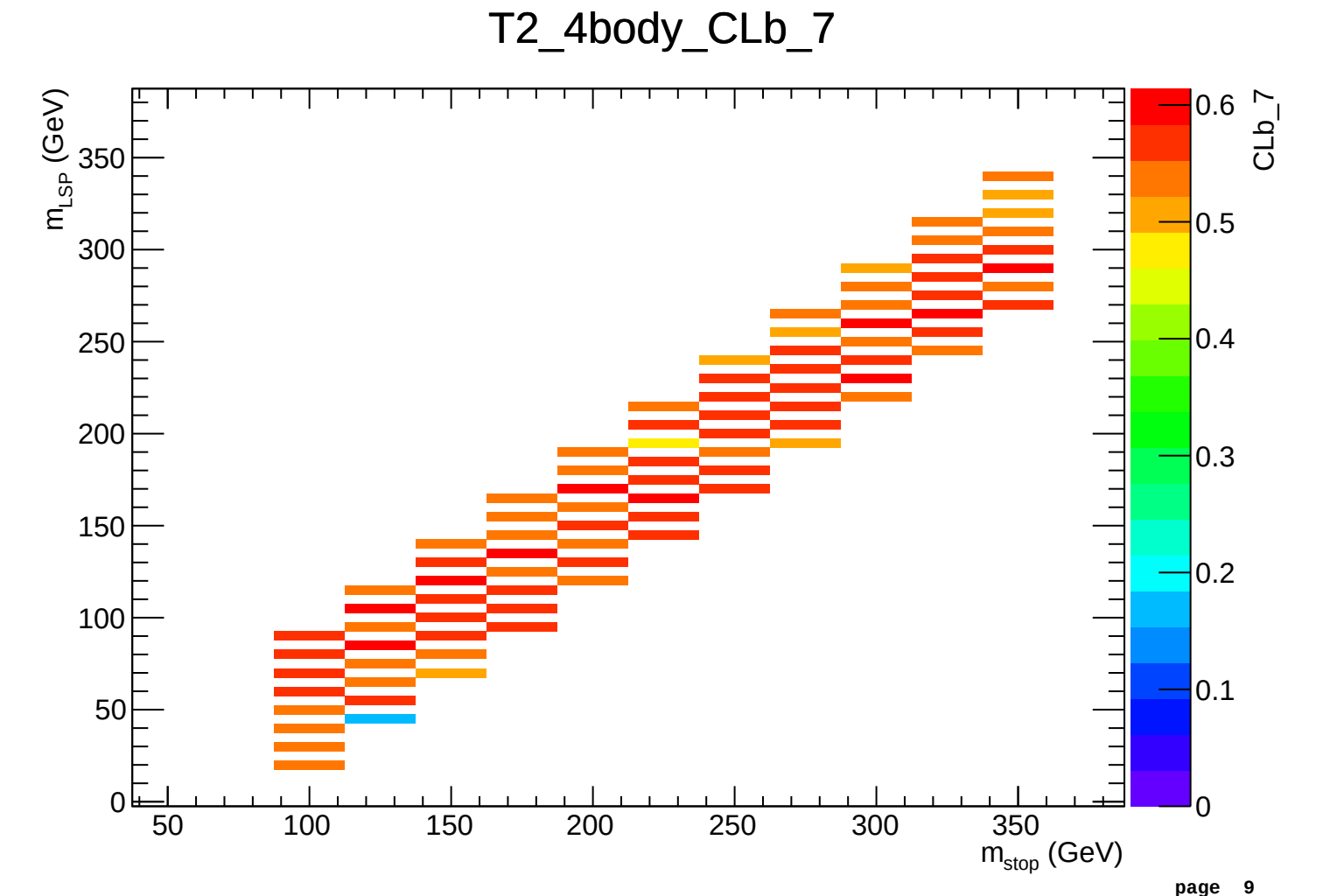

T2_4body_CLb_2
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
CLb_2
0
0.1
0.2
0.3
0.4
0.5

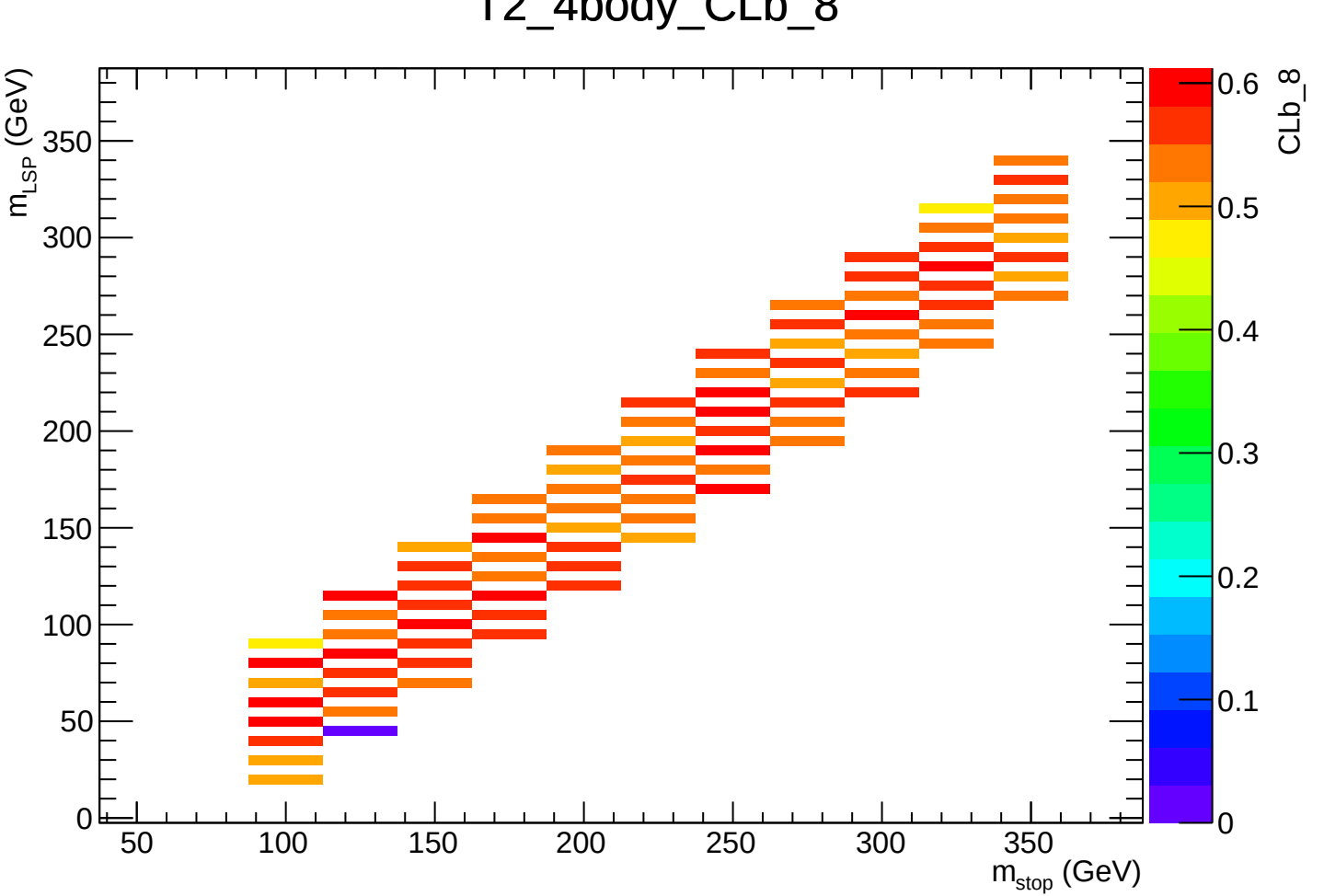

T2_4body_CLb_3
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLb_3
0
0.1
0.2
0.3
0.4
0.5

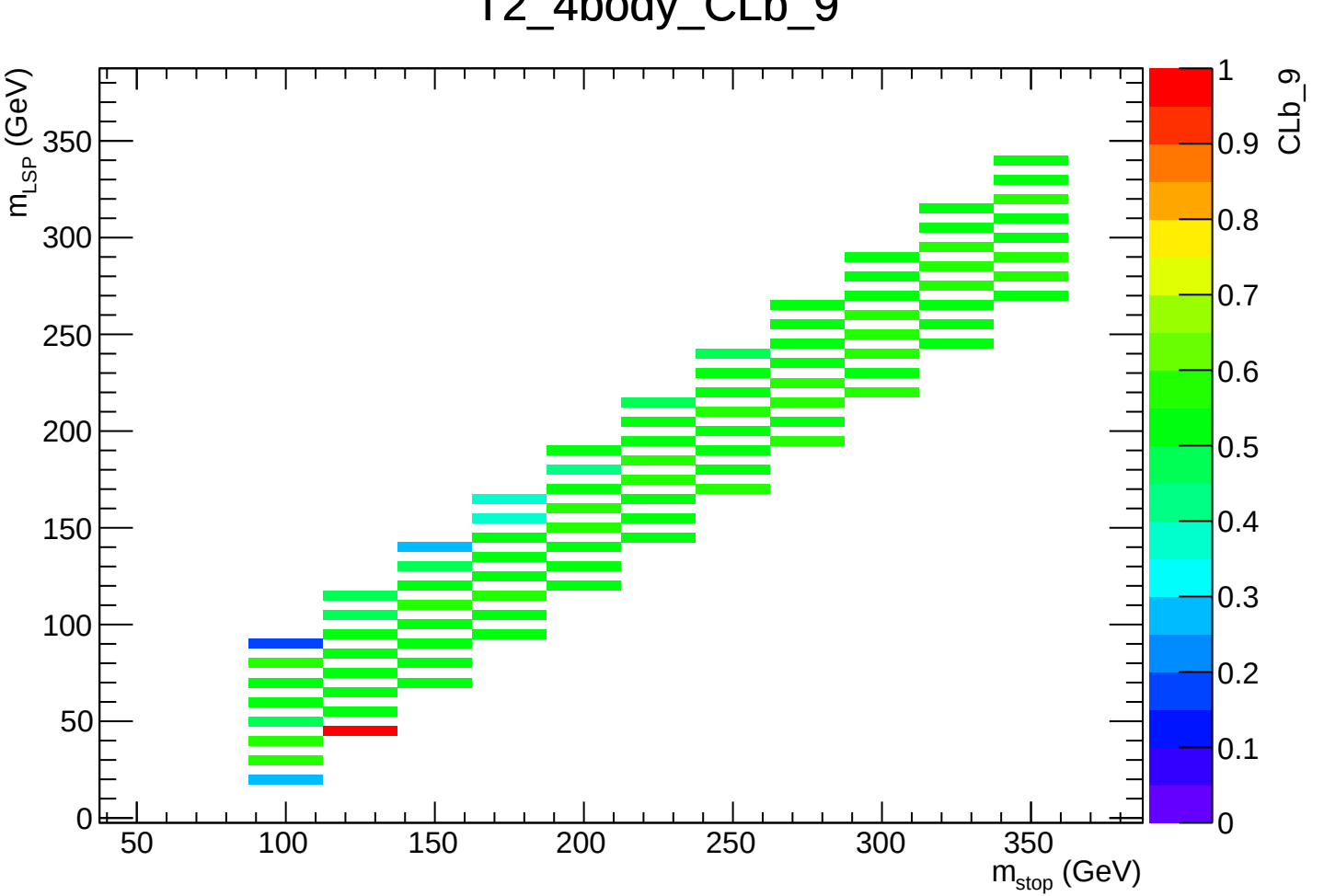

T2_4body_CLb_4
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
CLb_4
0
0.1
0.2
0.3
0.4
0.5

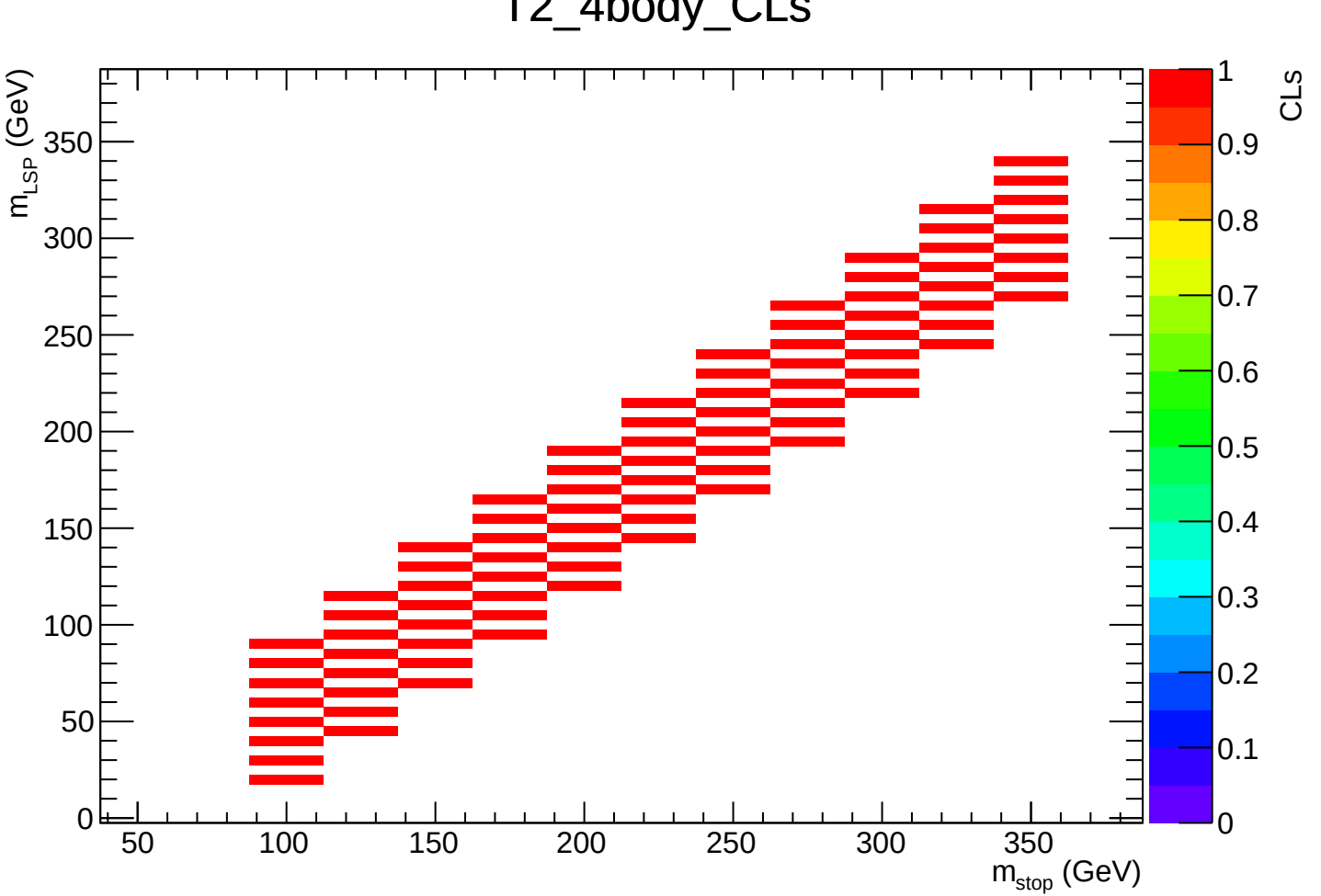

T2_4body_CLb_5
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLb_5
0
0.1
0.2
0.3
0.4
0.5

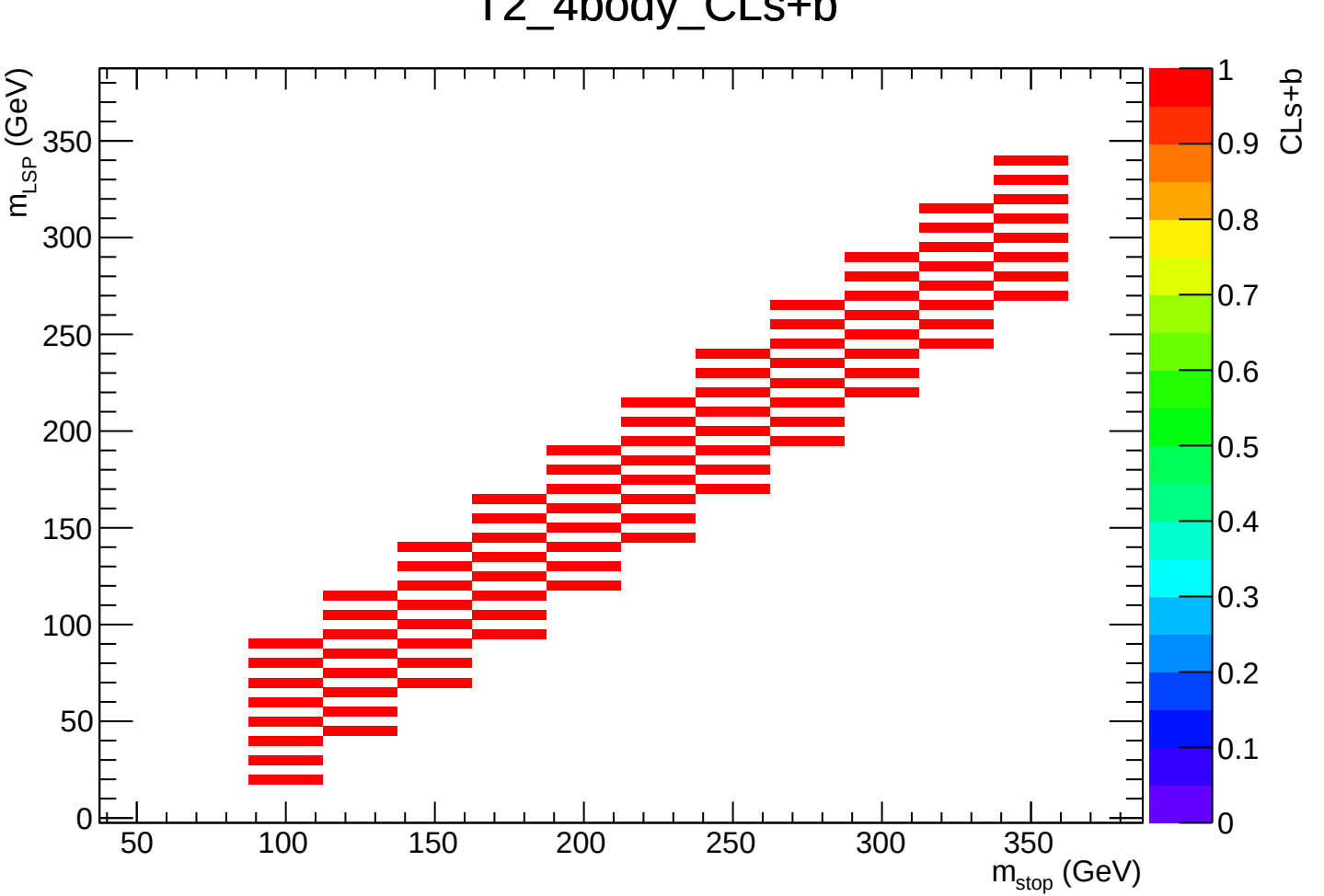

T2_4body_CLb_6
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLb_6
0
0.1
0.2
0.3
0.4
0.5
0.6

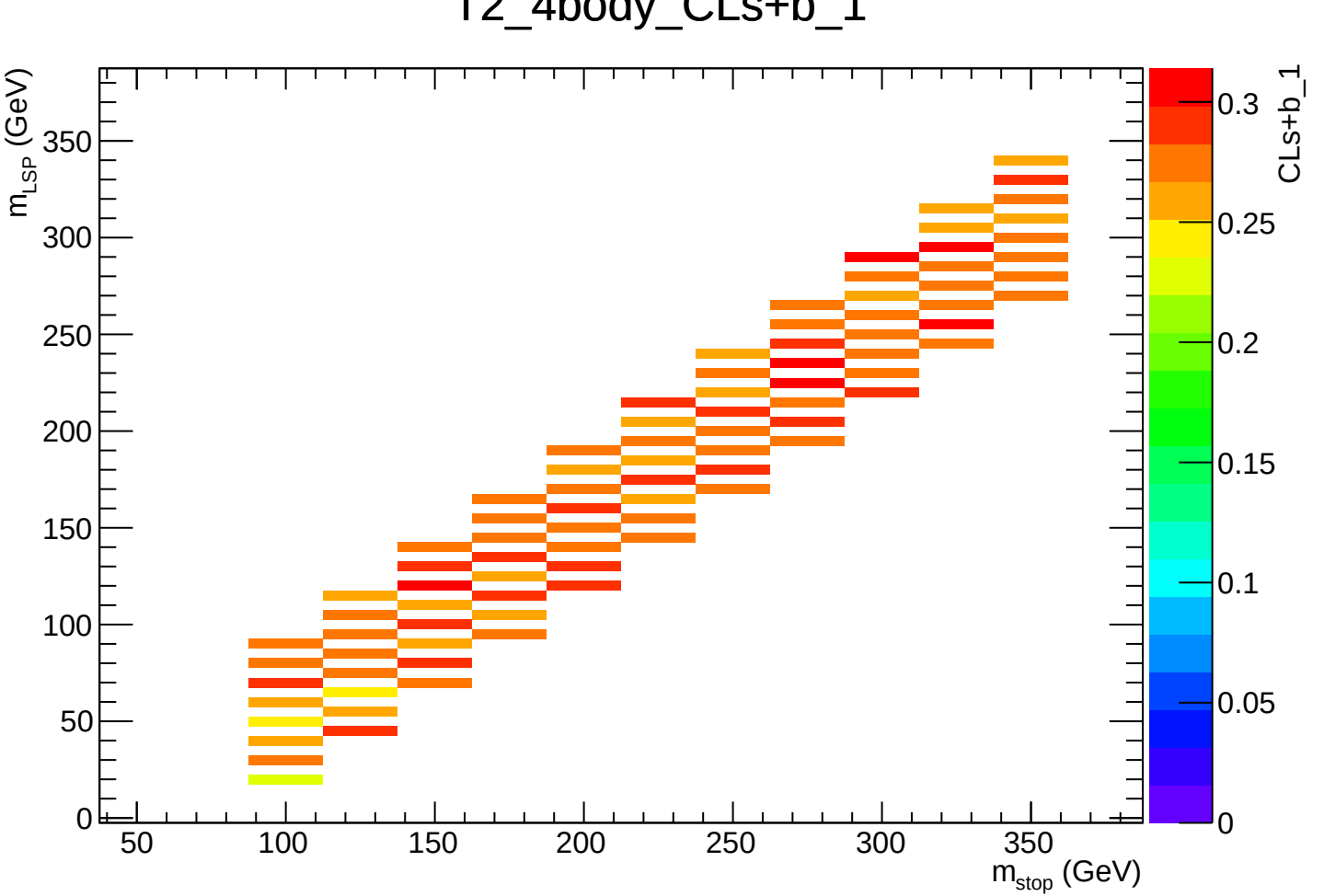

T2_4body_CLb_7
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLb_7
0
0.1
0.2
0.3
0.4
0.5
0.6

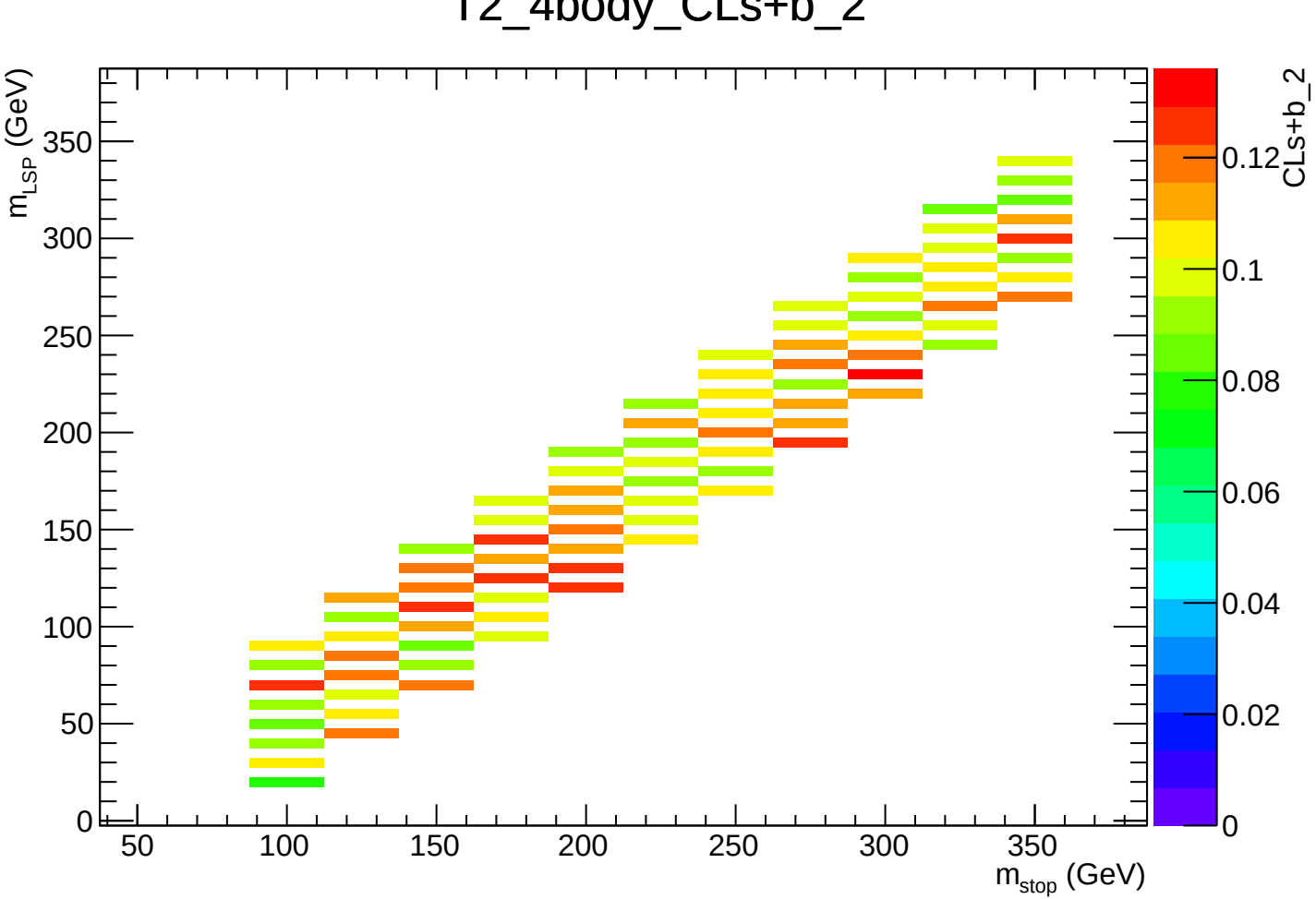

T2_4body_CLb_8
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLb_8
0
0.1
0.2
0.3
0.4
0.5
0.6

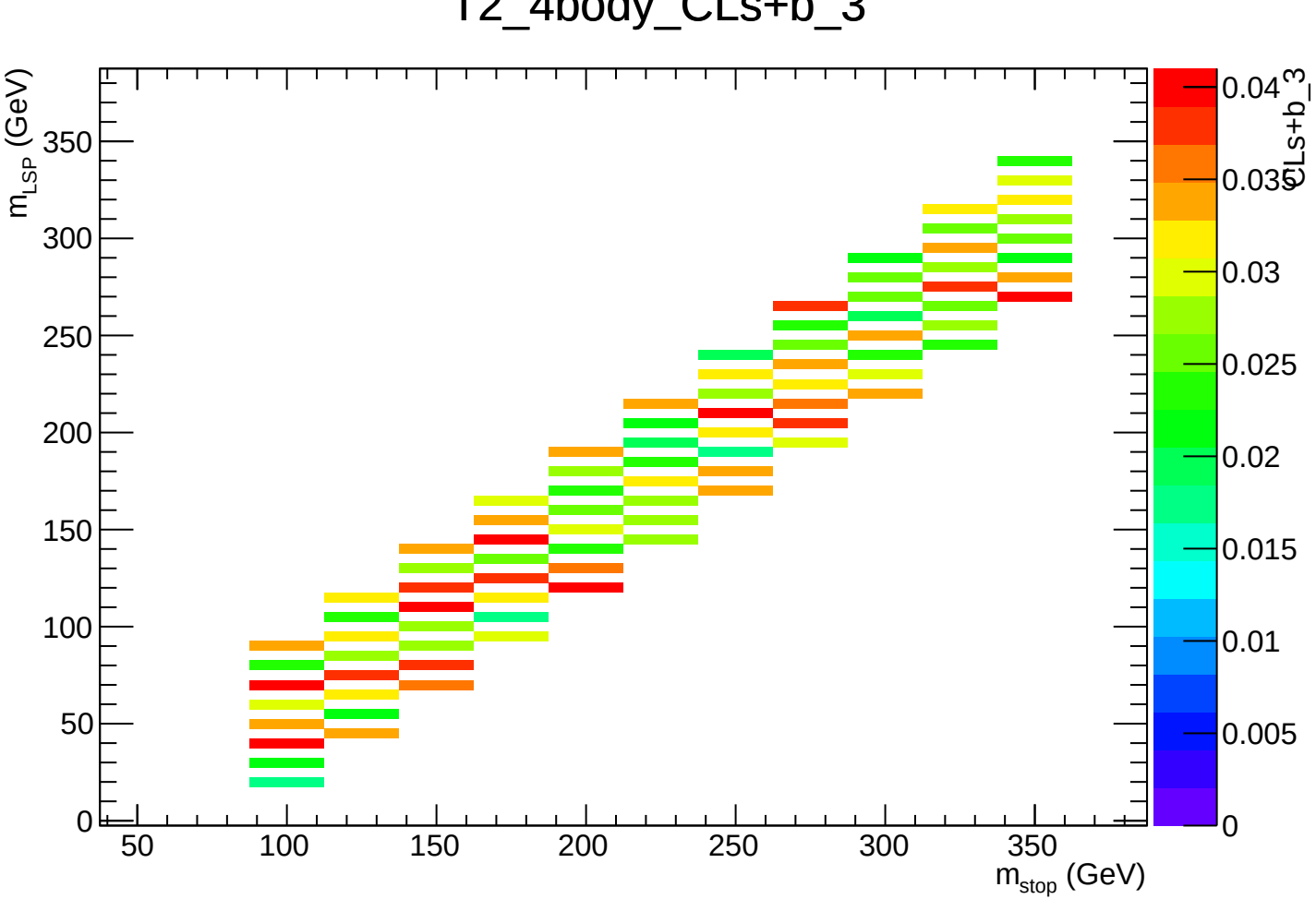

T2_4body_CLb_9
m_LSP (GeV)
m_stop (GeV)
CLb_9
0
50
100
150
200
250
300
350
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

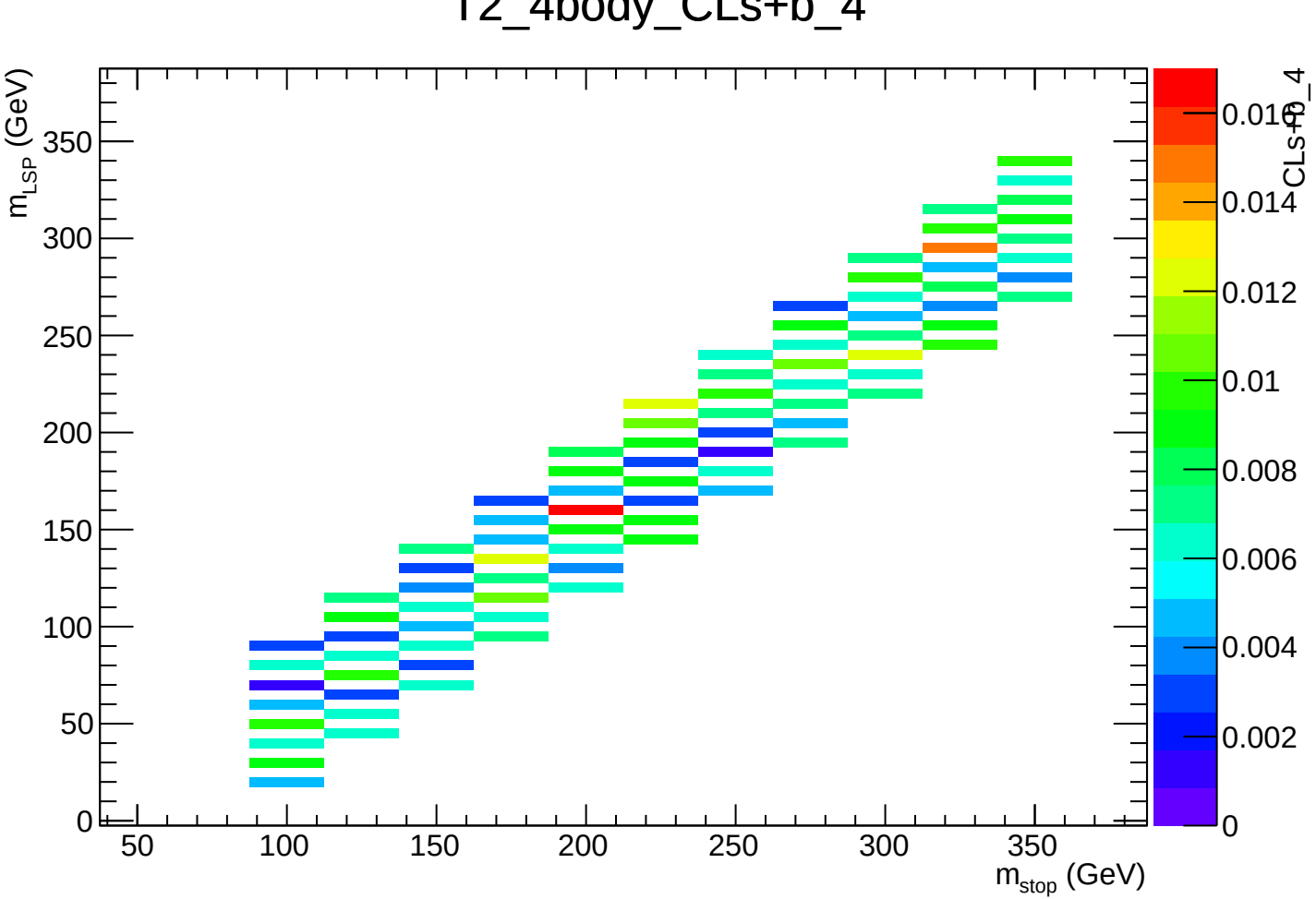

T2_4body_CLs
m_LSP (GeV)
m_stop (GeV)
CLs
0
50
100
150
200
250
300
350
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

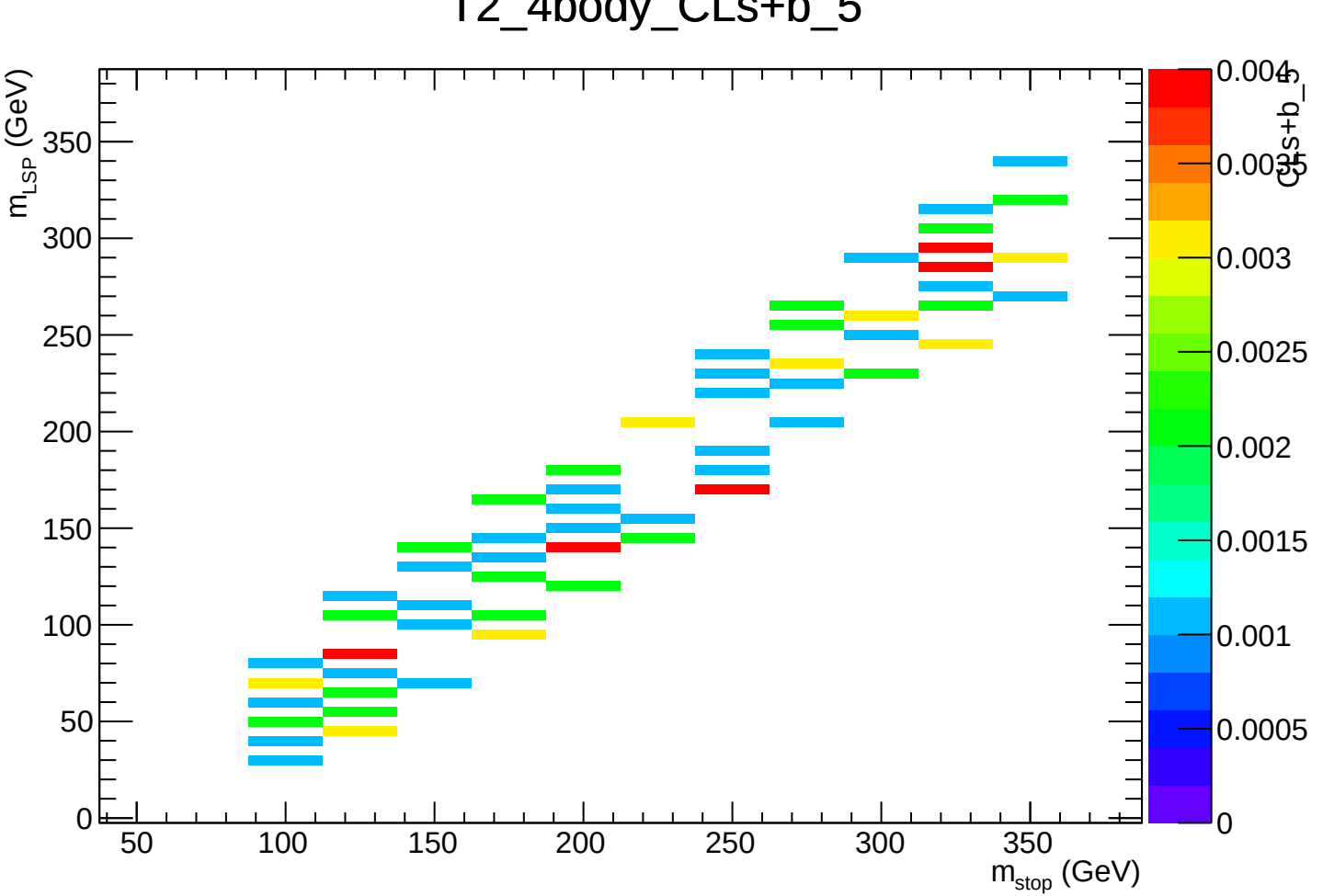

T2_4body_CLs+b
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLs+b
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

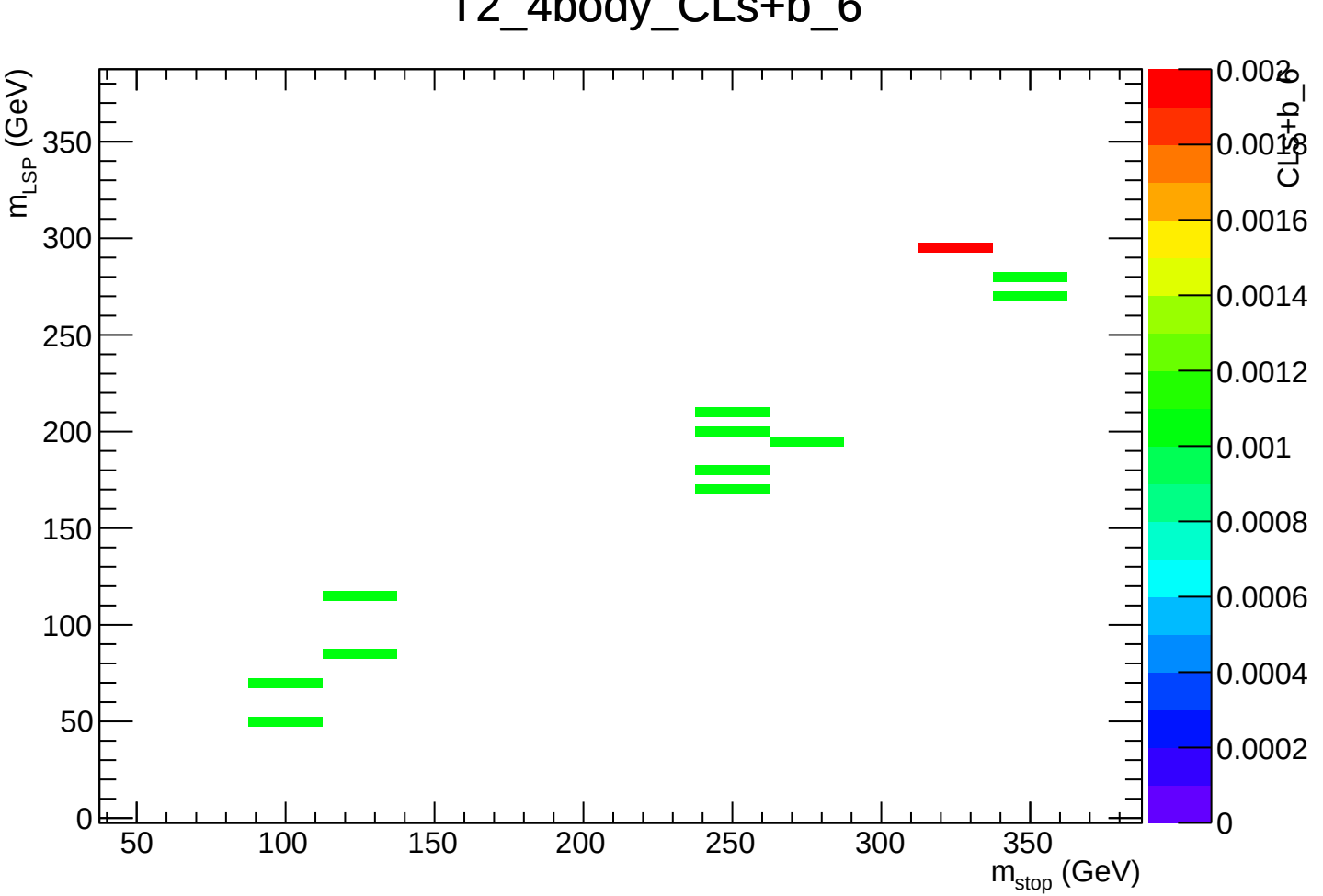

T2_4body_CLs+b_1
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLs+b_1
0
0.05
0.1
0.15
0.2
0.25
0.3

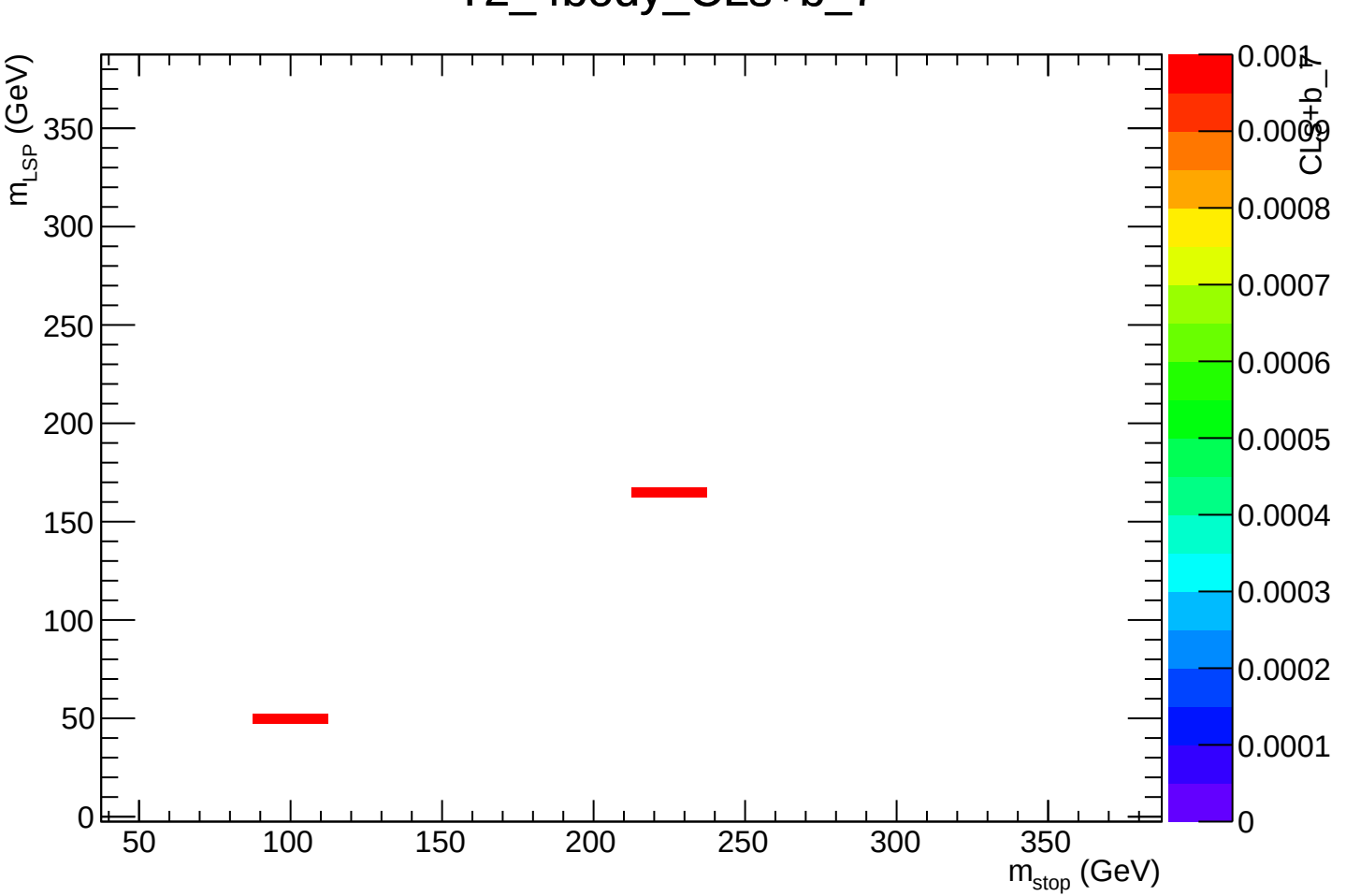

T2_4body_CLs+b_2
m_LSP (GeV)
m_stop (GeV)
CLs+b_2
0
50
100
150
200
250
300
350
0.02
0.04
0.06
0.08
0.1
0.12

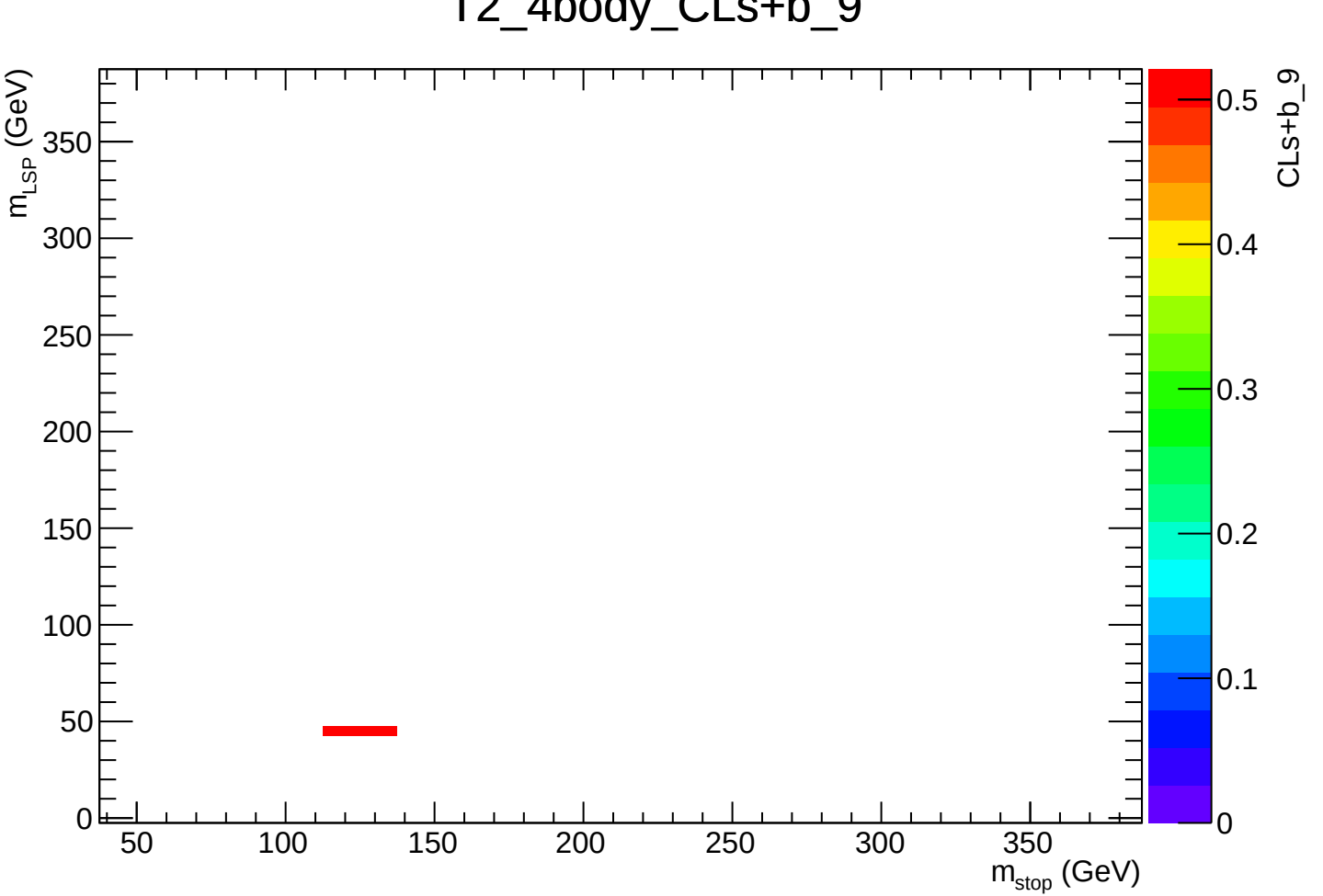

T2_4body_CLs+b_3
m_LSP (GeV)
m_stop (GeV)
CLs+b_3
0
50
100
150
200
250
300
350
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005

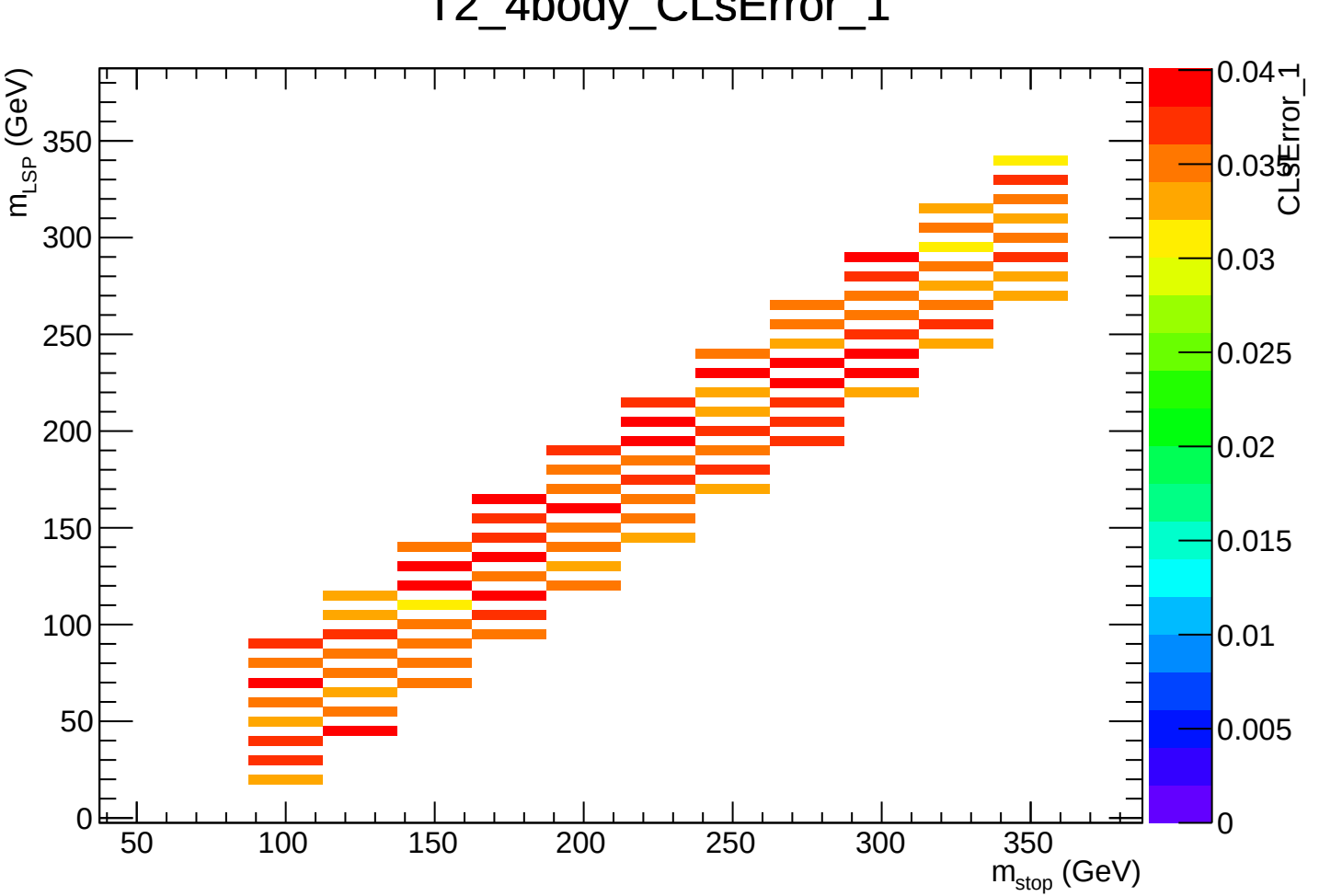

T2_4body_CLs+b_4
m_LSP (GeV)
m_stop (GeV)
CLs+b_4
0
50
100
150
200
250
300
350
0.002
0.004
0.006
0.008
0.01
0.012
0.014
0.016

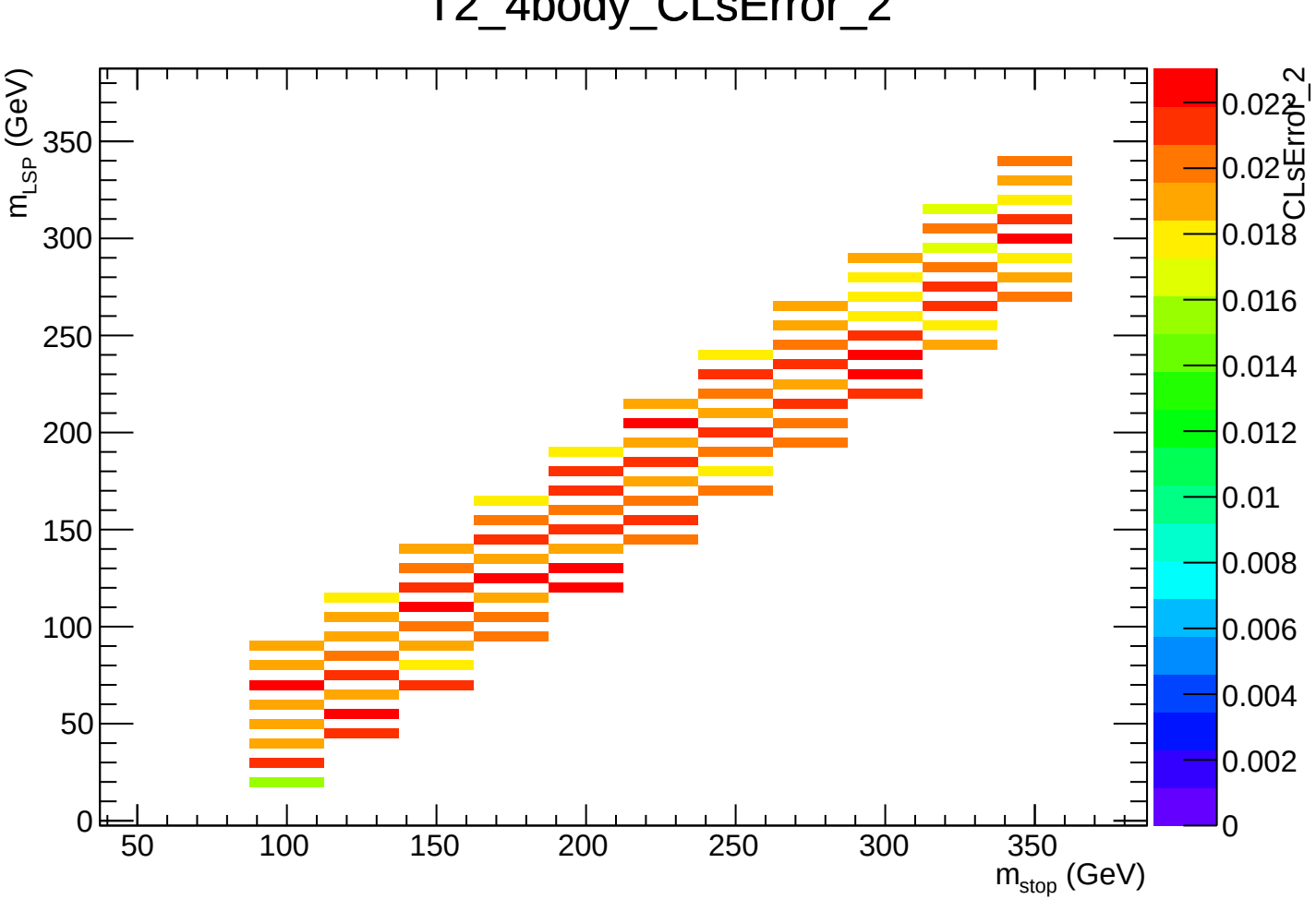

T2_4body_CLs+b_5
m_LSP (GeV)
m_stop (GeV)
CLs+b_5
0
50
100
150
200
250
300
350
0.0005
0.001
0.0015
0.002
0.0025
0.003
0.0035
0.004

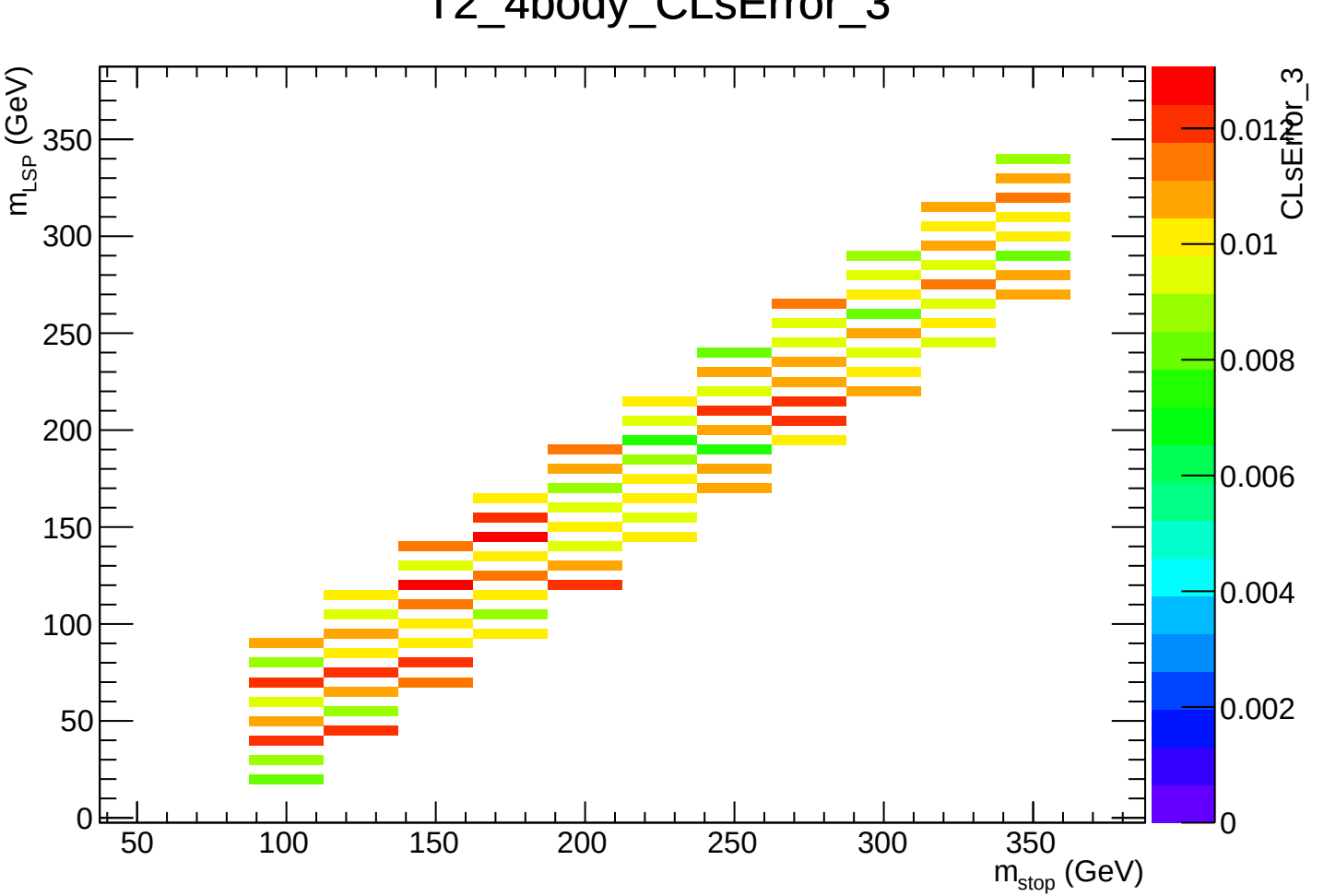

T2_4body_CLs+b_6
m_LSP (GeV)
m_stop (GeV)
CLs+b_6
0
50
100
150
200
250
300
350
0.002
0.0018
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0

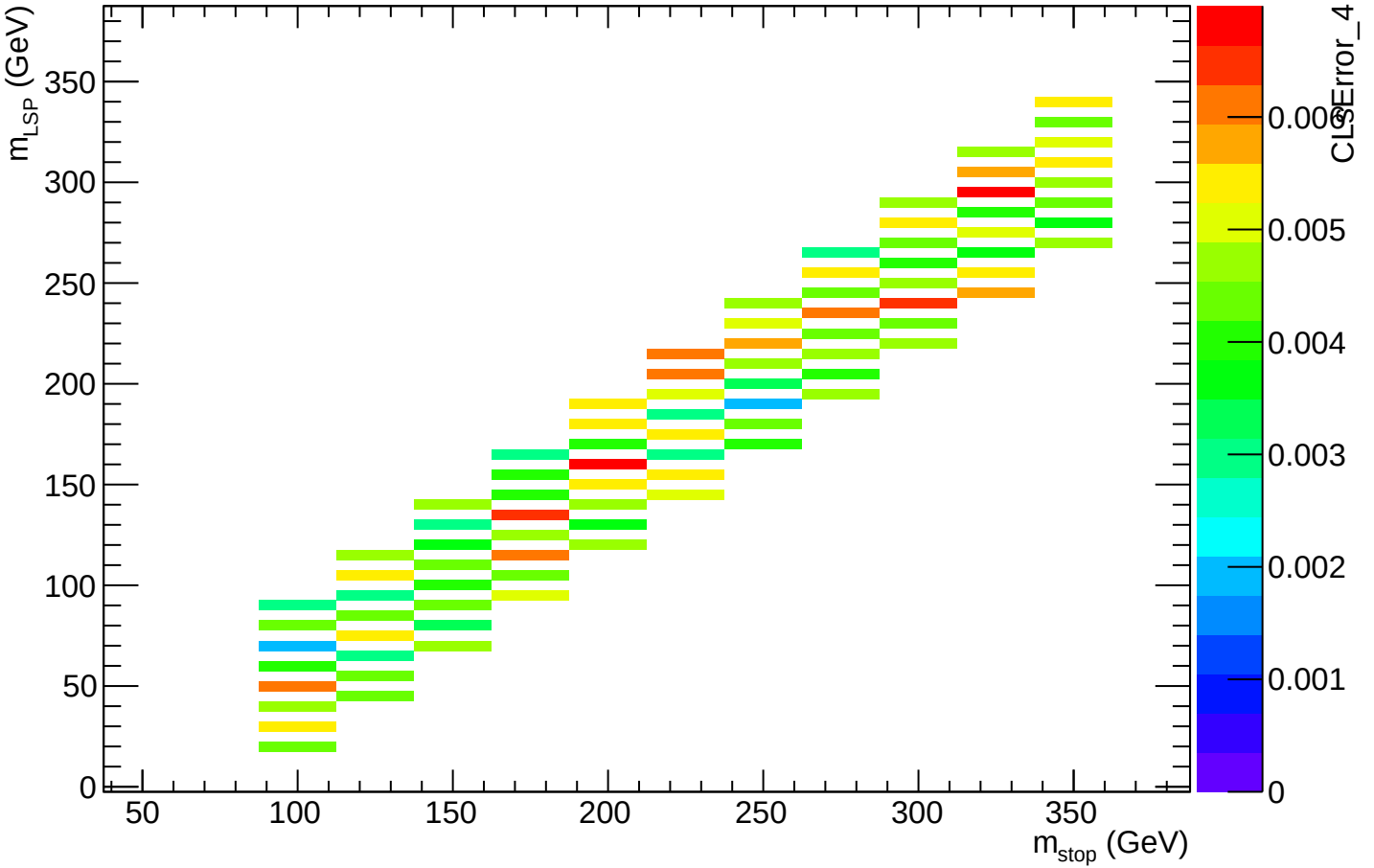

T2_4body_CLs+b_7
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLs+b_7
0.001
0.0009
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0

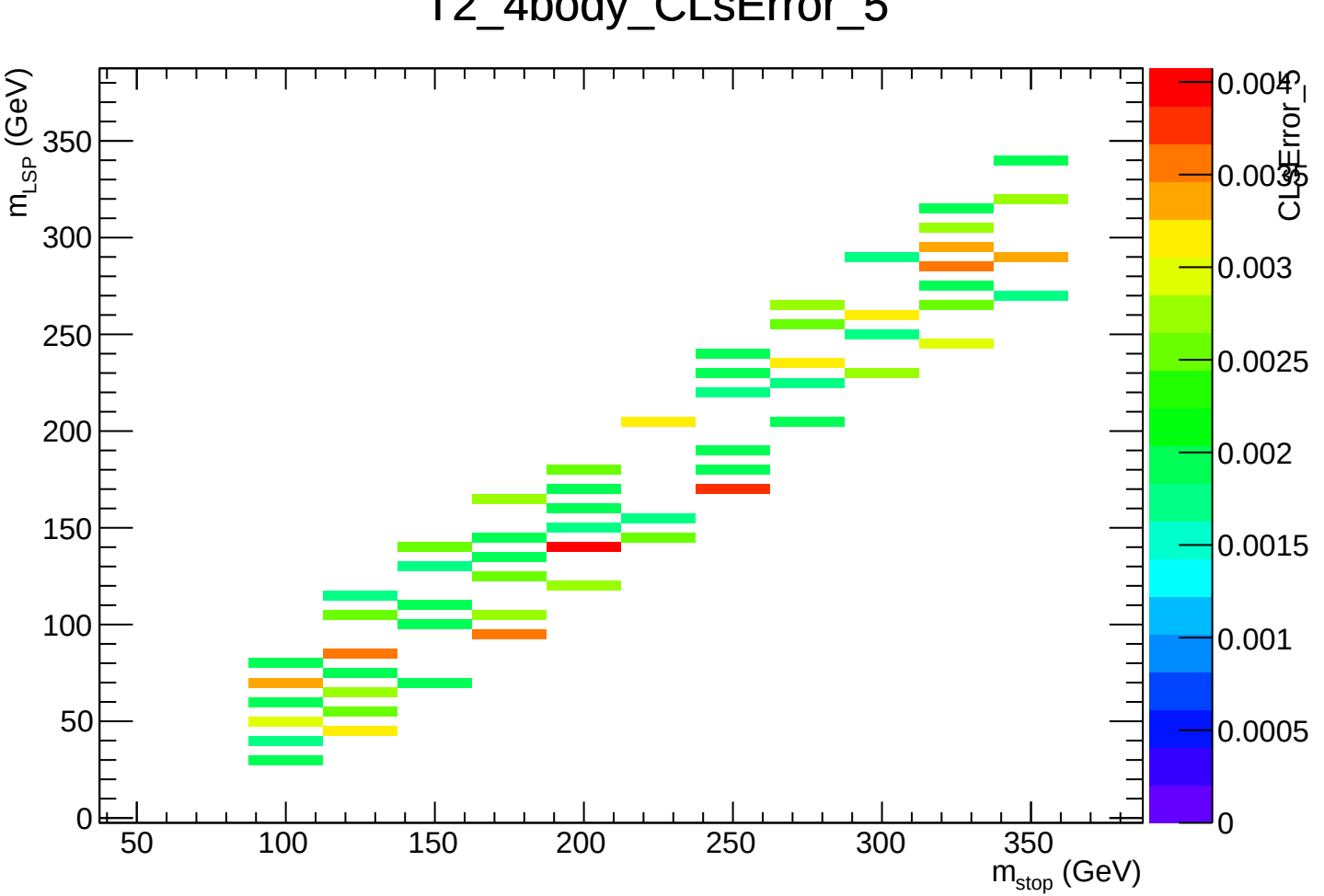

T2_4body_CLs+b_9
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
CLs+b_9
0
0.1
0.2
0.3
0.4
0.5

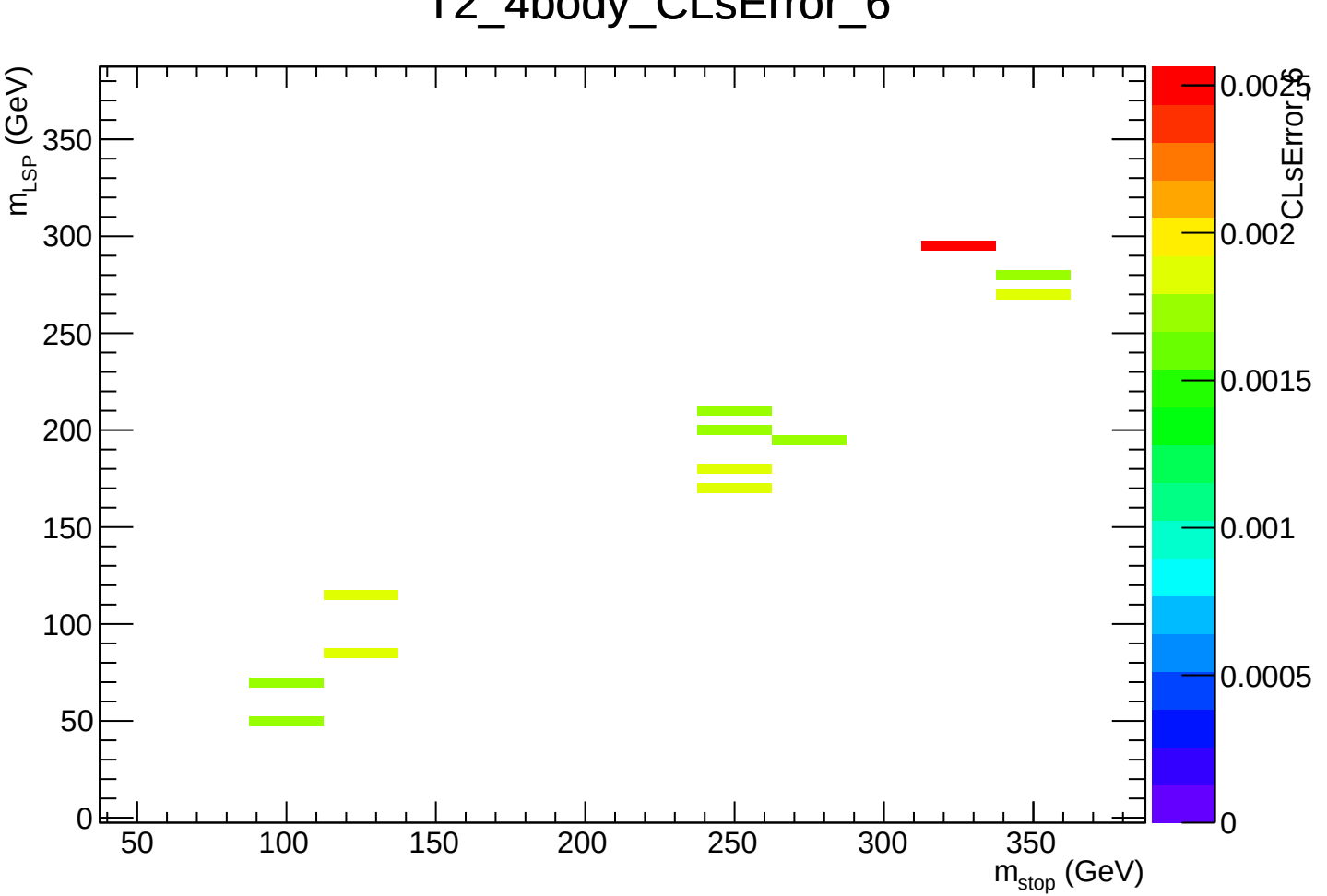

T2_4body_CLsError_1
m_LSP (GeV)
m_stop (GeV)
CLsError_1
0
50
100
150
200
250
300
350
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005

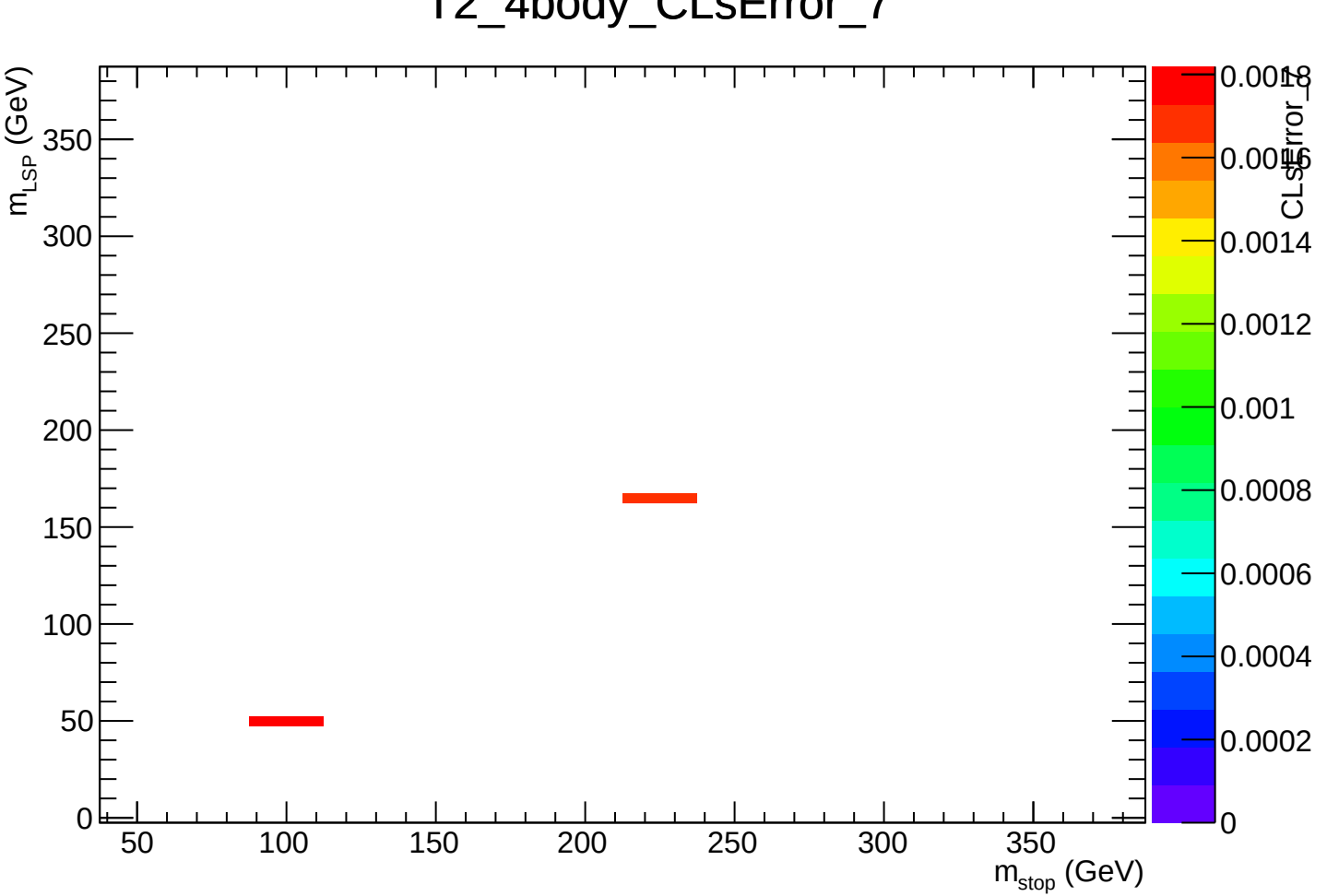

T2_4body_CLsError_2
m_LSP (GeV)
m_stop (GeV)
CLsError_2
0
50
100
150
200
250
300
350
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0

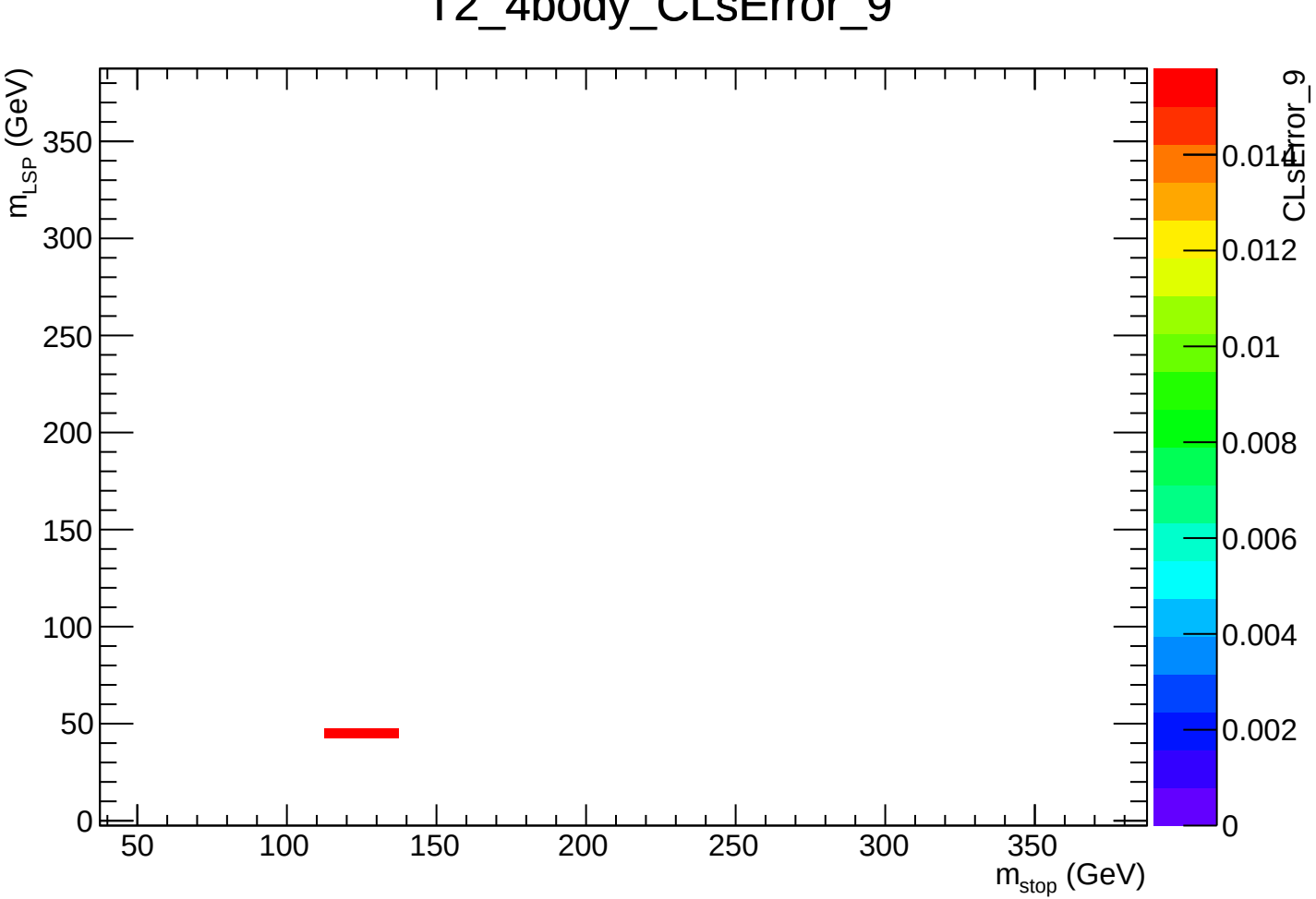

T2_4body_CLsError_3
m_LSP (GeV)
m_stop (GeV)
CLsError_3
0
50
100
150
200
250
300
350
0.002
0.004
0.006
0.008
0.01
0.012

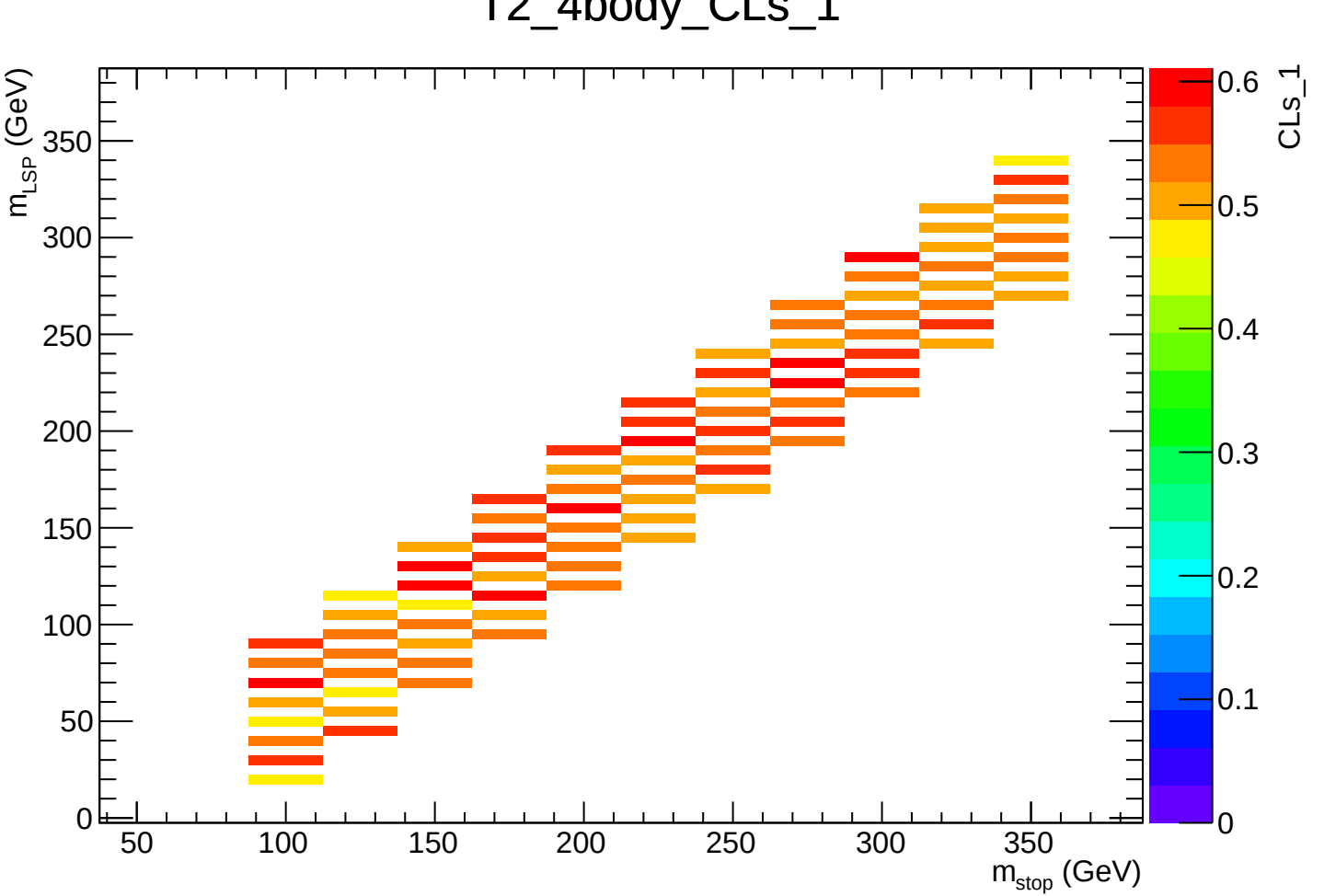

T2_4body_CLsError_4
m_LSP (GeV)
m_stop (GeV)
CLsError_4
0
50
100
150
200
250
300
350
0.001
0.002
0.003
0.004
0.005
0.006

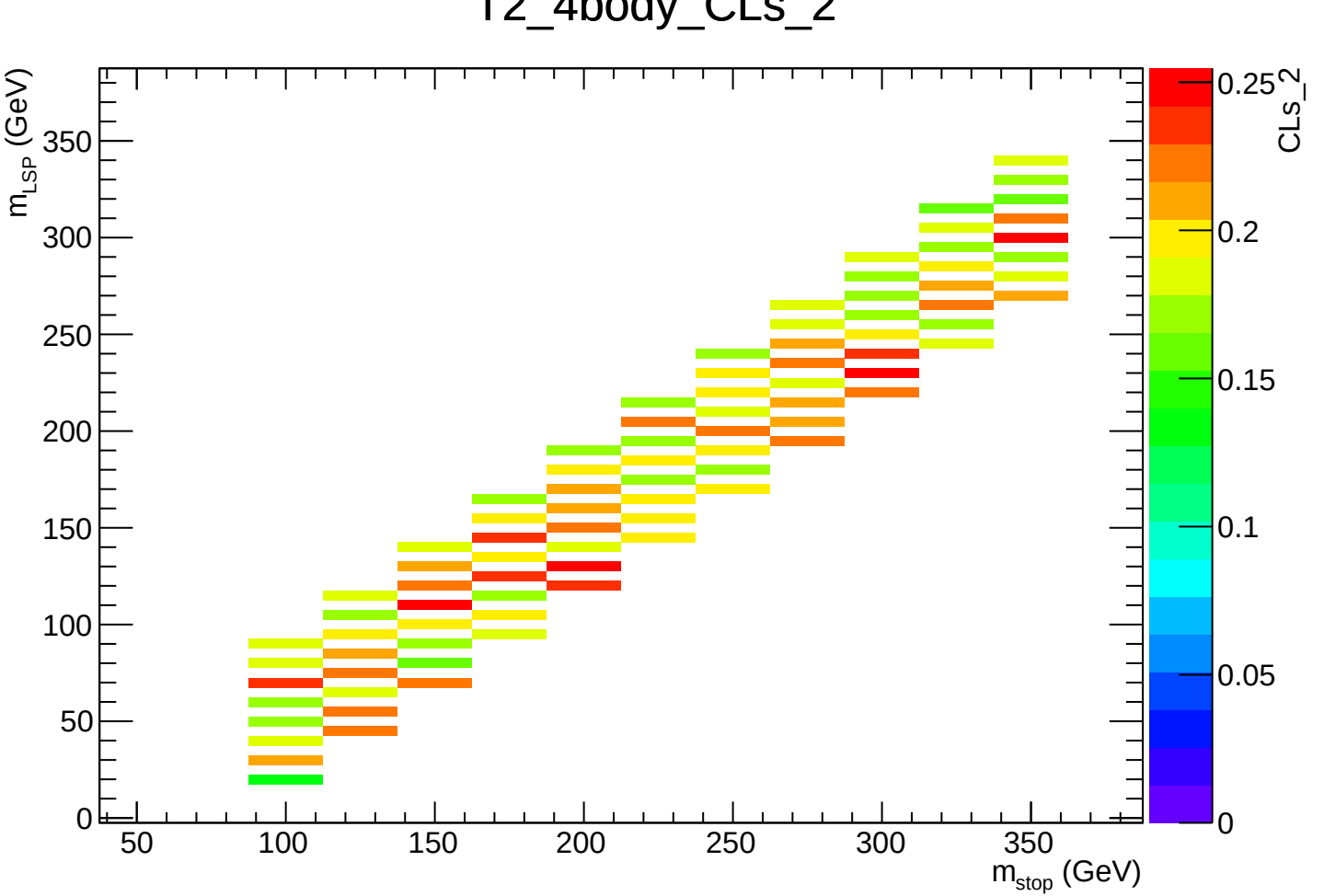

T2_4body_CLsError_5
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLsError_5
0
0.0005
0.001
0.0015
0.002
0.0025
0.003
0.0035
0.004

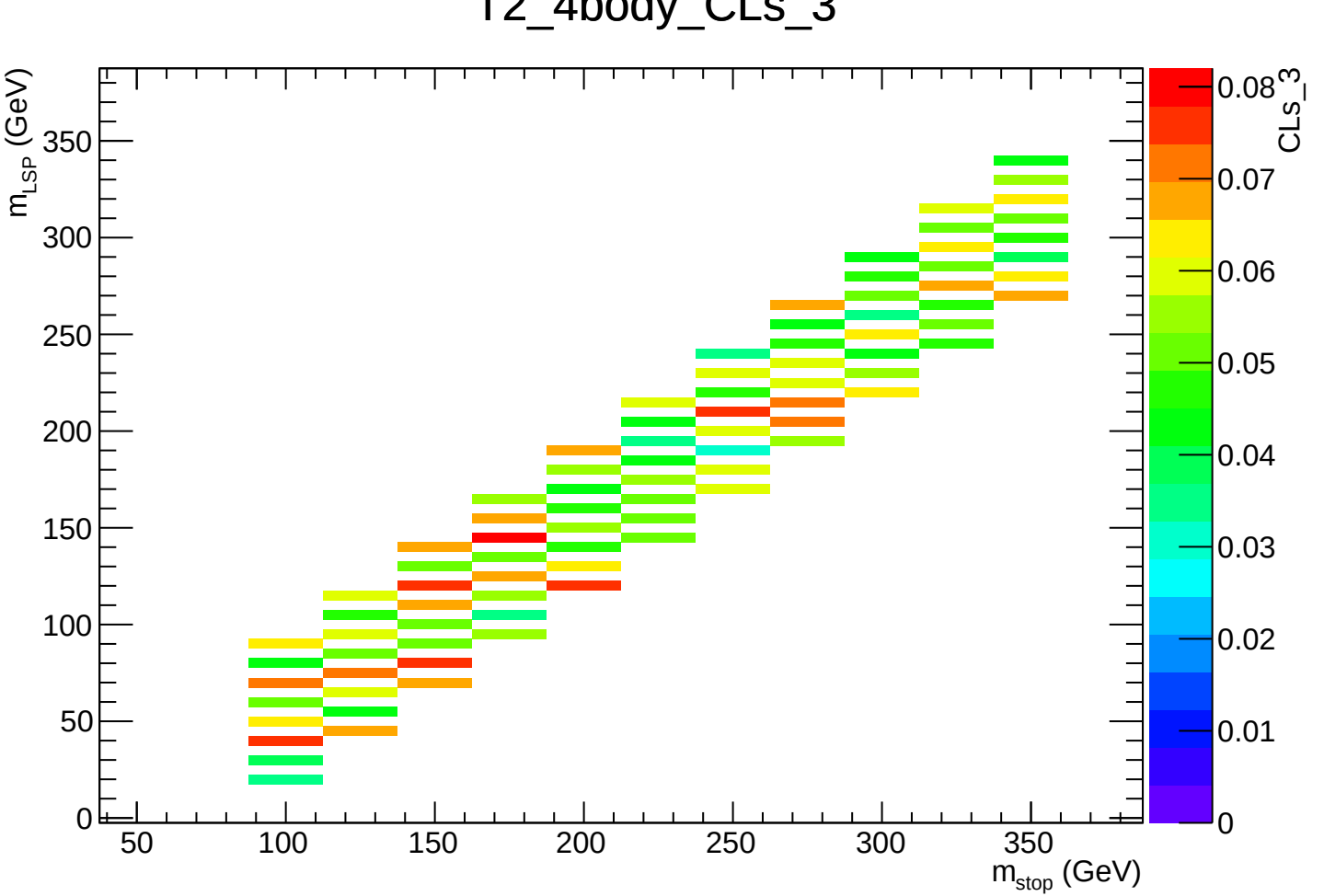

T2_4body_CLsError_6
m_LSP (GeV)
m_stop (GeV)
CLsError_6
0
50
100
150
200
250
300
350
0.0025
0.002
0.0015
0.001
0.0005

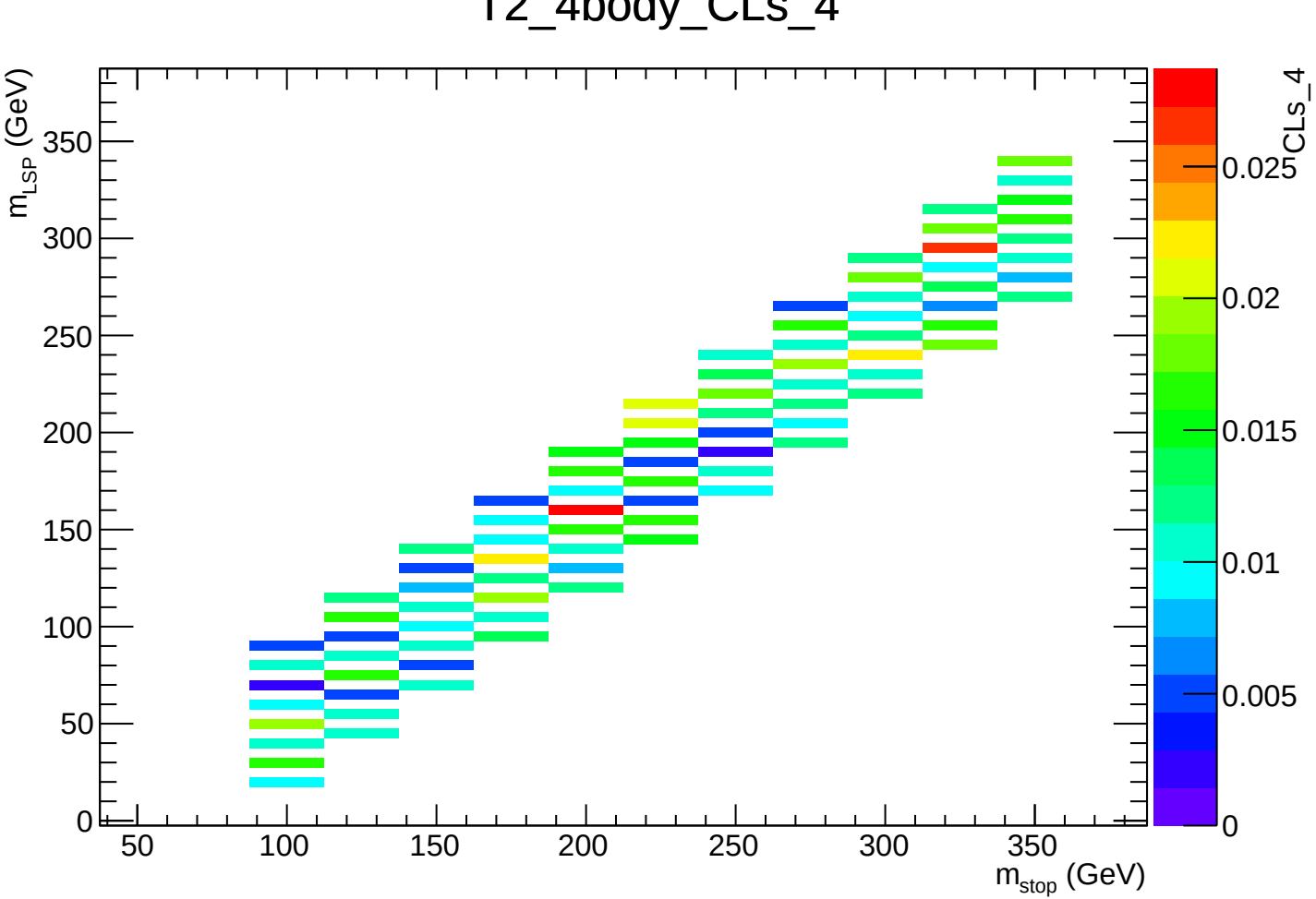

T2_4body_CLsError_7
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLsError_7
0.0018
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0

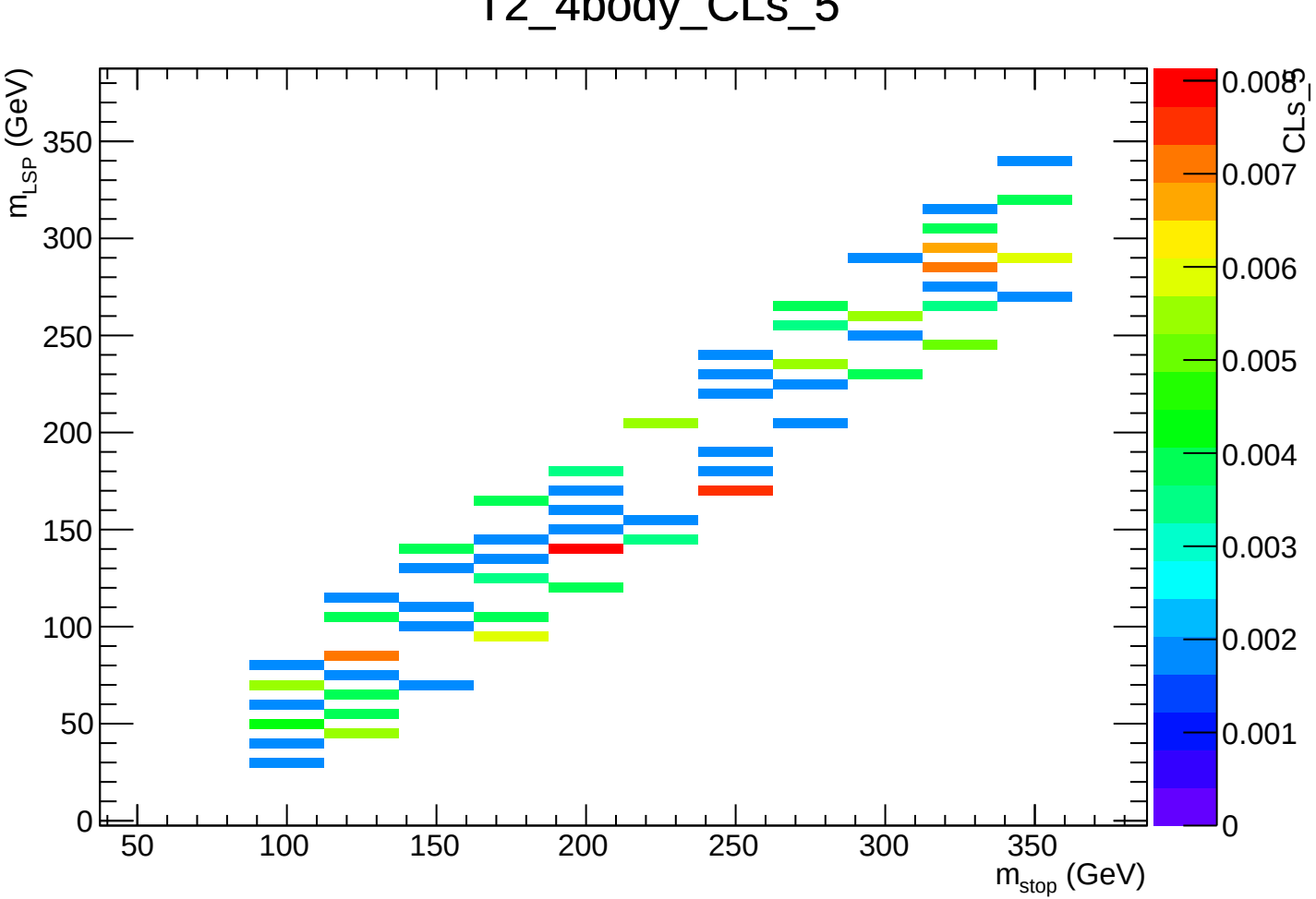

T2_4body_CLsError_9
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLsError_9
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014

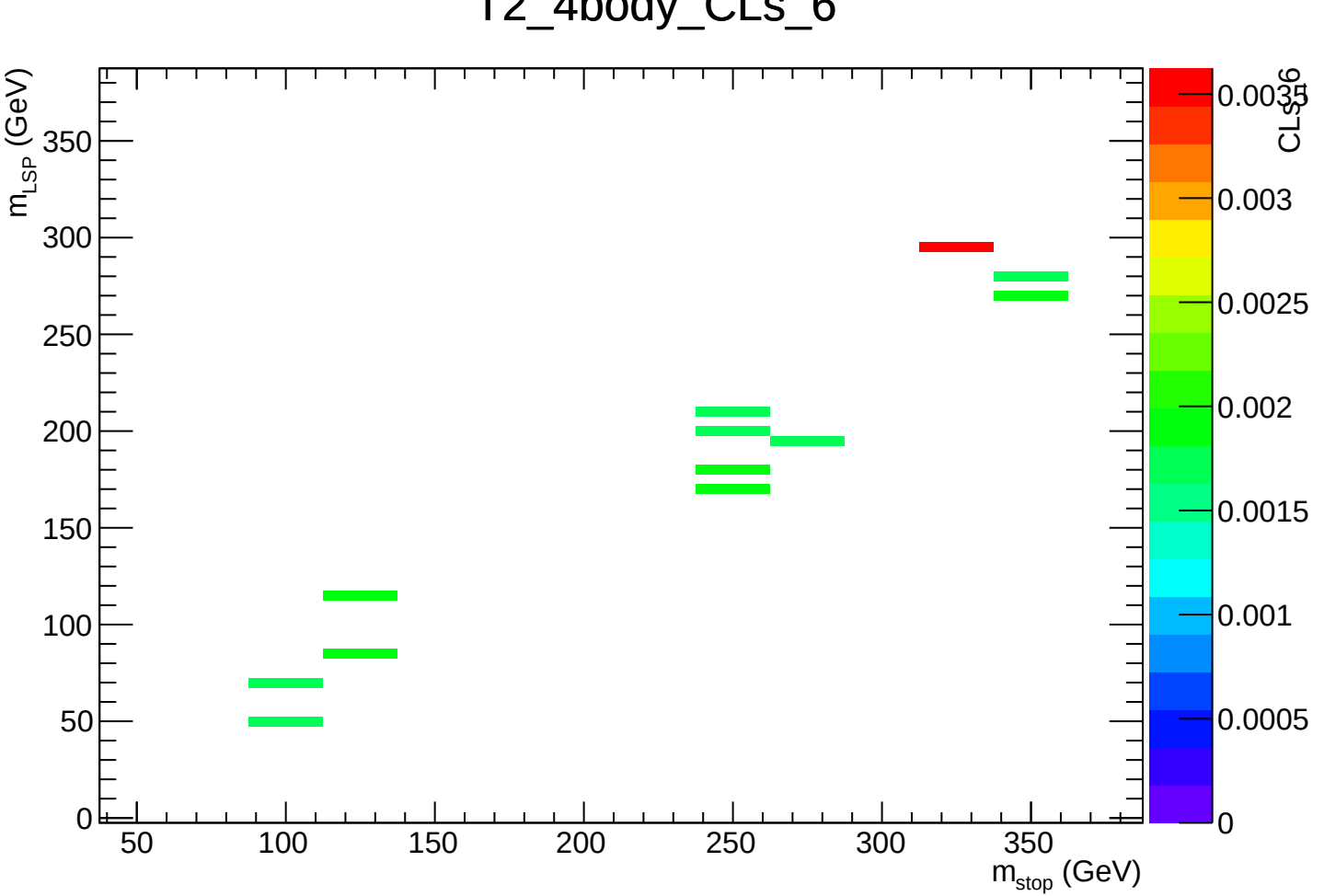

T2_4body_CLs_1
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLs_1
0
0.1
0.2
0.3
0.4
0.5
0.6

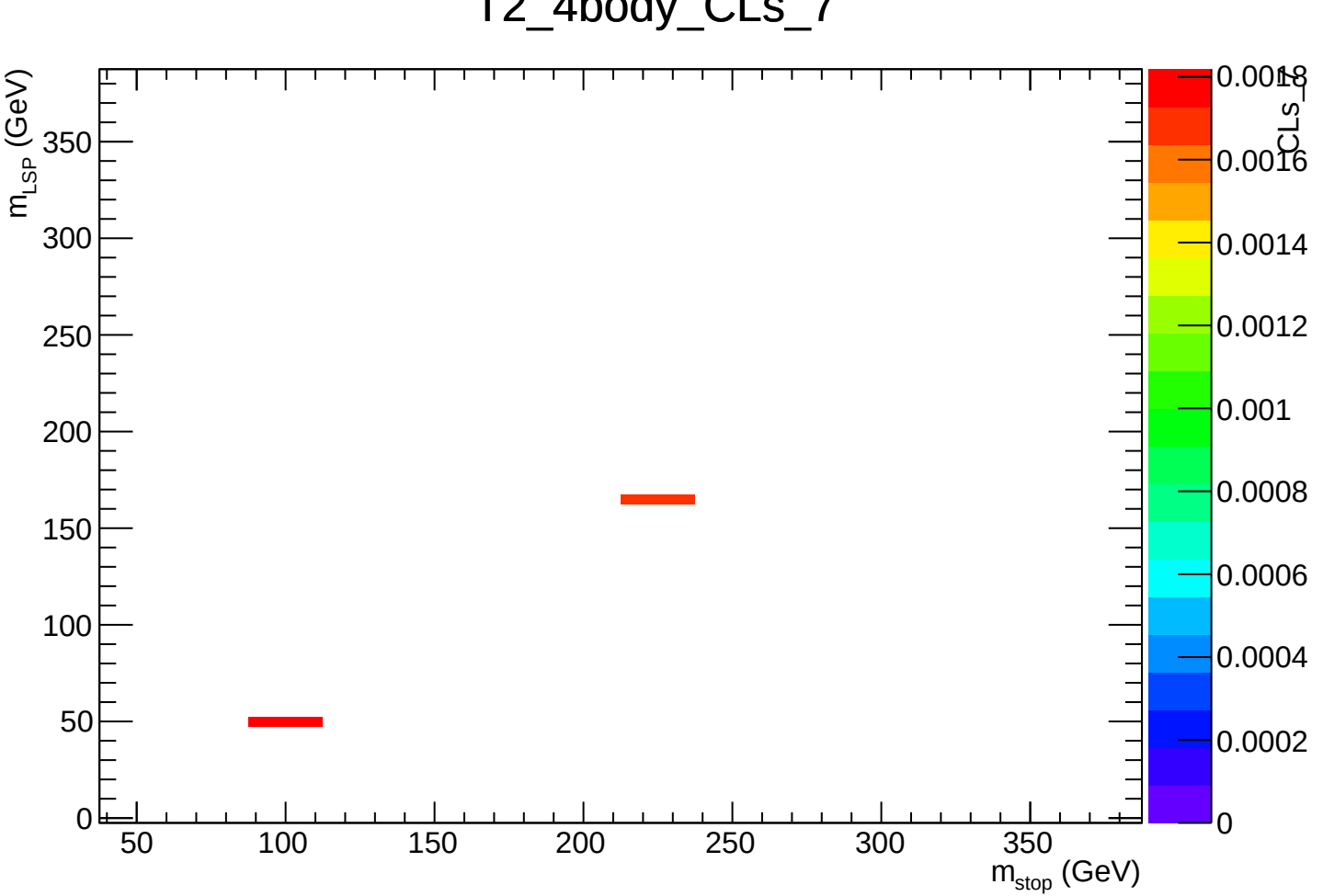

T2_4body_CLs_2
m_LSP (GeV)
m_stop (GeV)
CLs_2
0
50
100
150
200
250
300
350
0.05
0.1
0.15
0.2
0.25

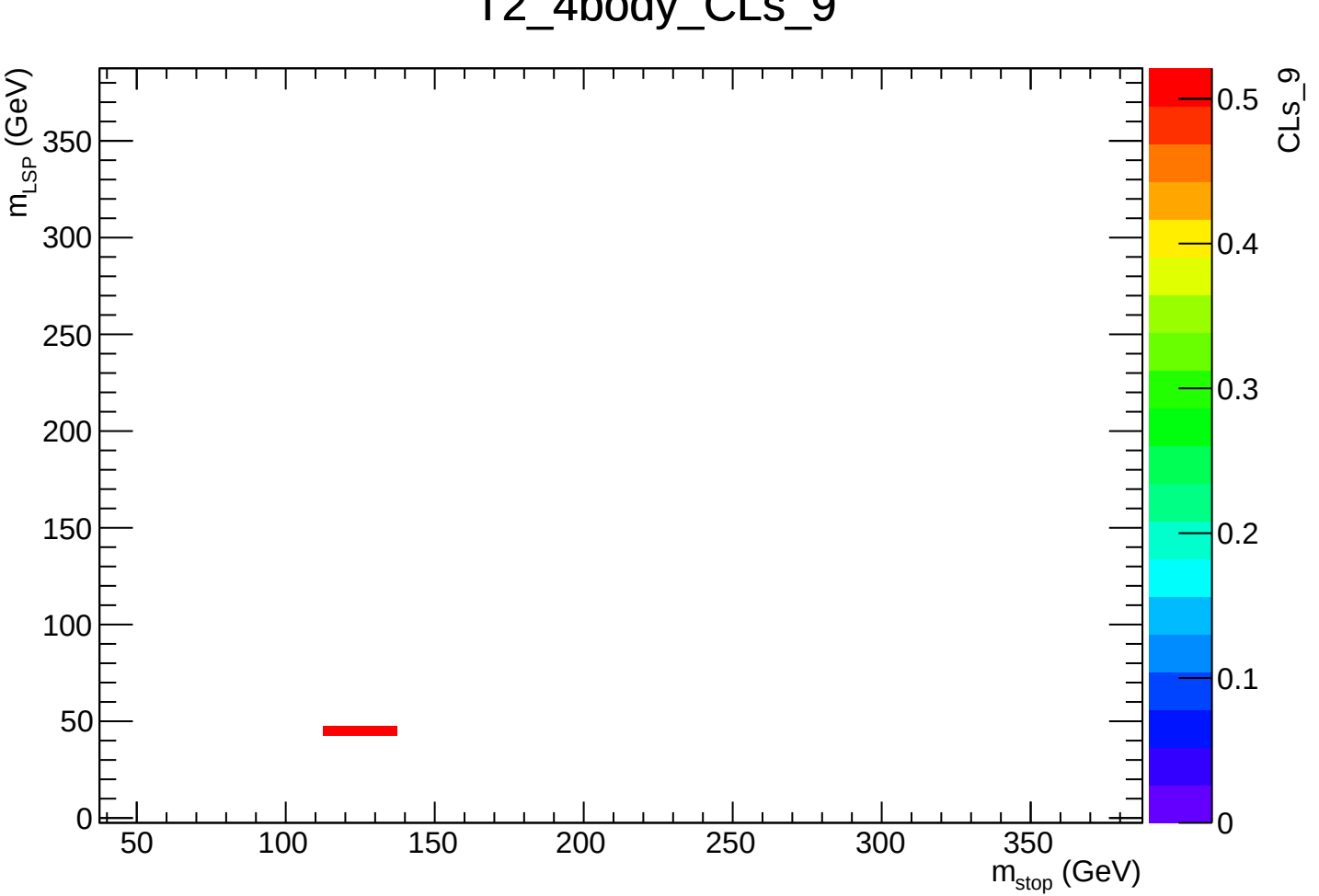

T2_4body_CLs_3
m_LSP (GeV)
m_stop (GeV)
CLs_3
0
50
100
150
200
250
300
350
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08

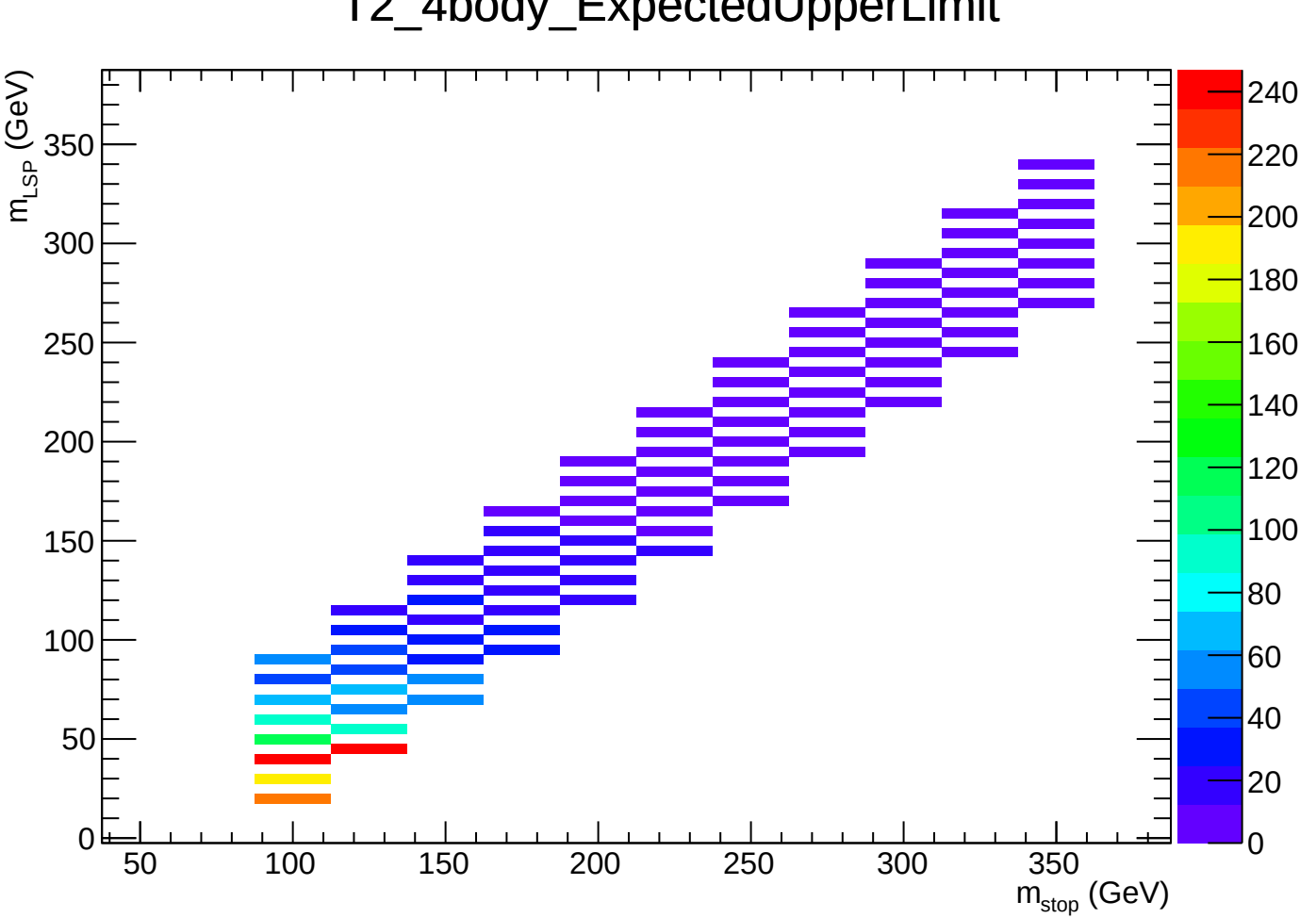

T2_4body_CLs_4
m_LSP (GeV)
m_stop (GeV)
CLs_4
0
50
100
150
200
250
300
350
0.005
0.01
0.015
0.02
0.025

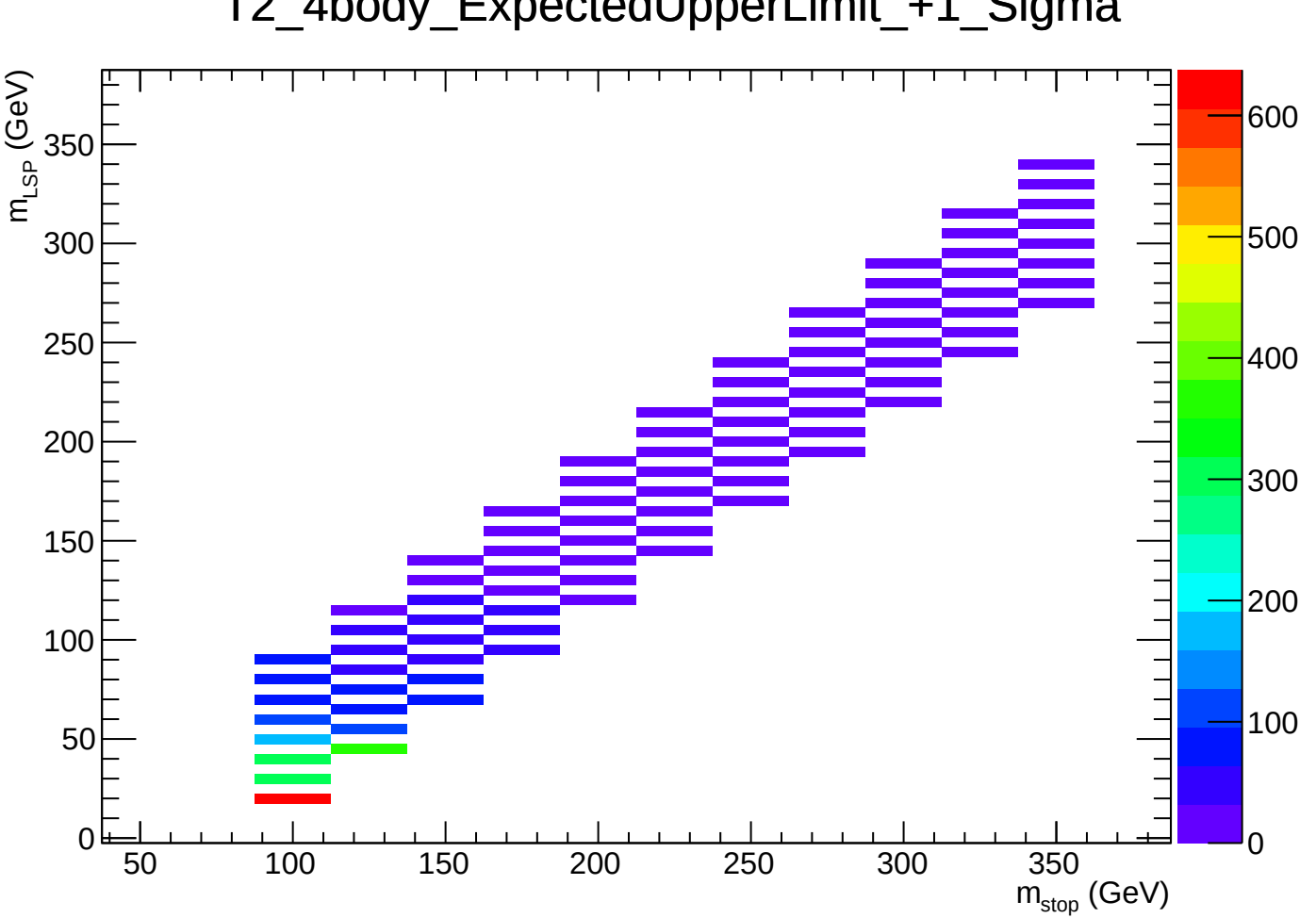

T2_4body_CLs_5
m_LSP (GeV)
m_stop (GeV)
CLs_5
0
50
100
150
200
250
300
350
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008

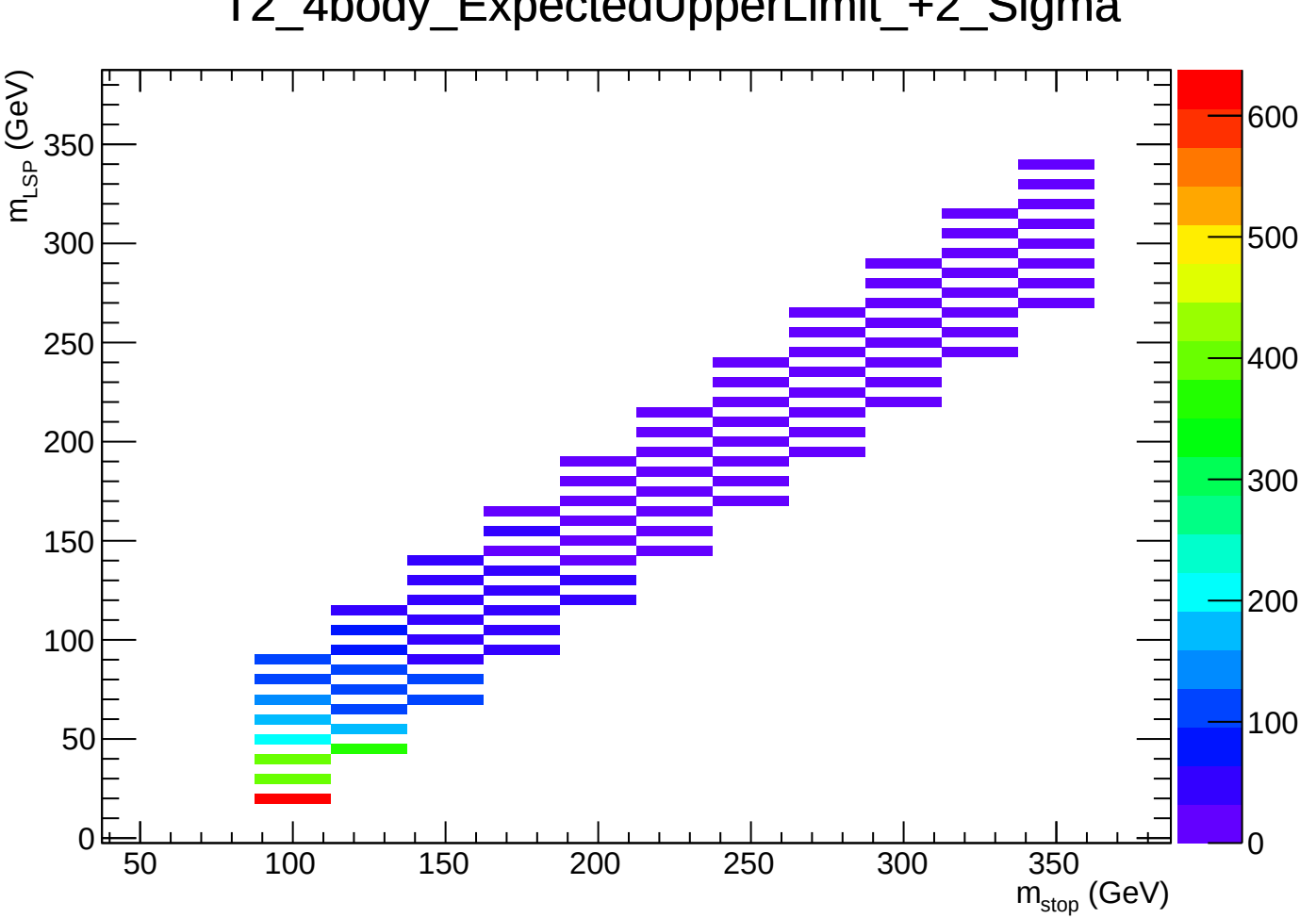

T2_4body_CLs_6
m_LSP (GeV)
m_stop (GeV)
CLs_6
0
50
100
150
200
250
300
350
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005

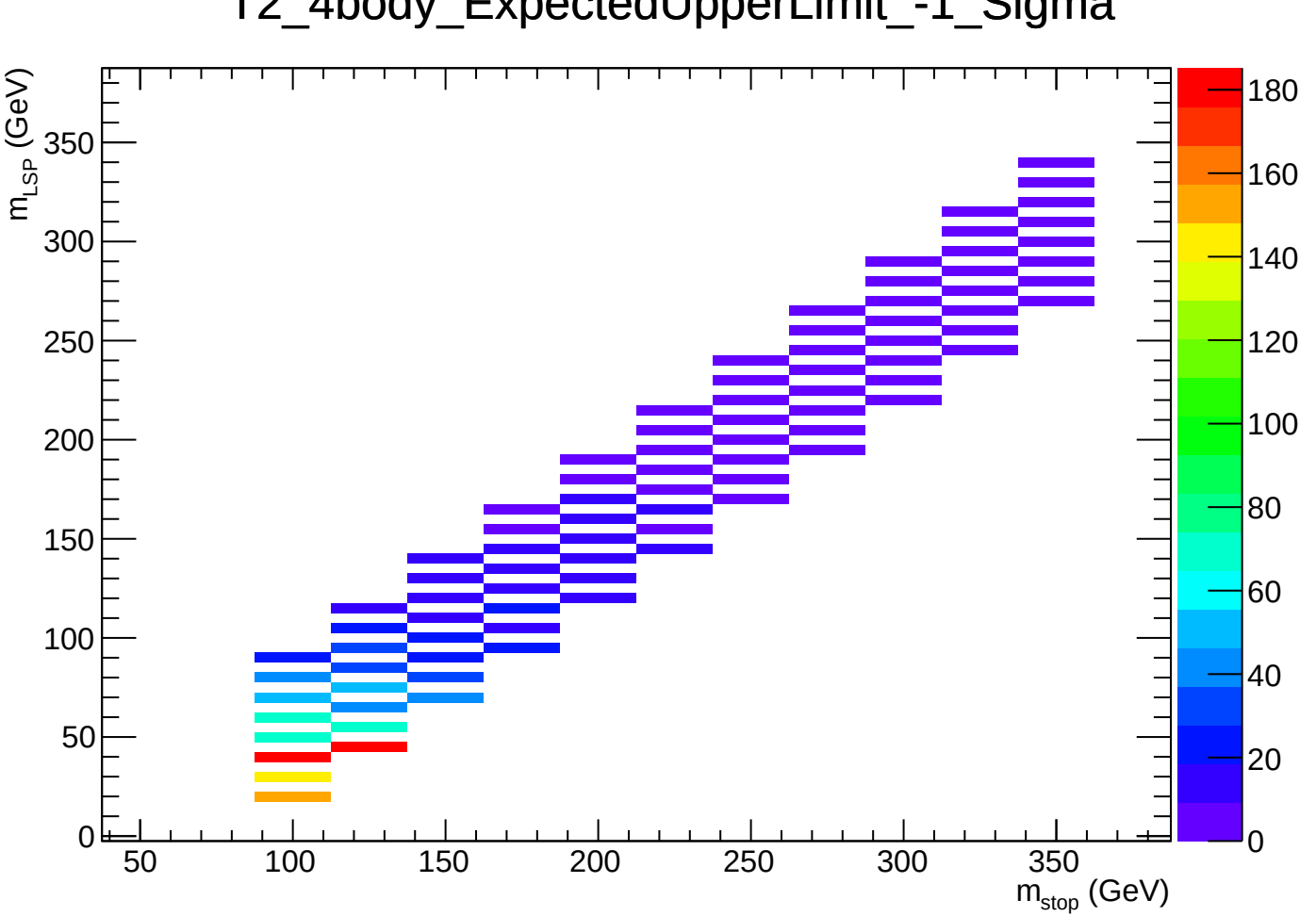

T2_4body_CLs_7
m_LSP (GeV)
m_stop (GeV)
CLs_8
0
50
100
150
200
250
300
350
0.0018
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0

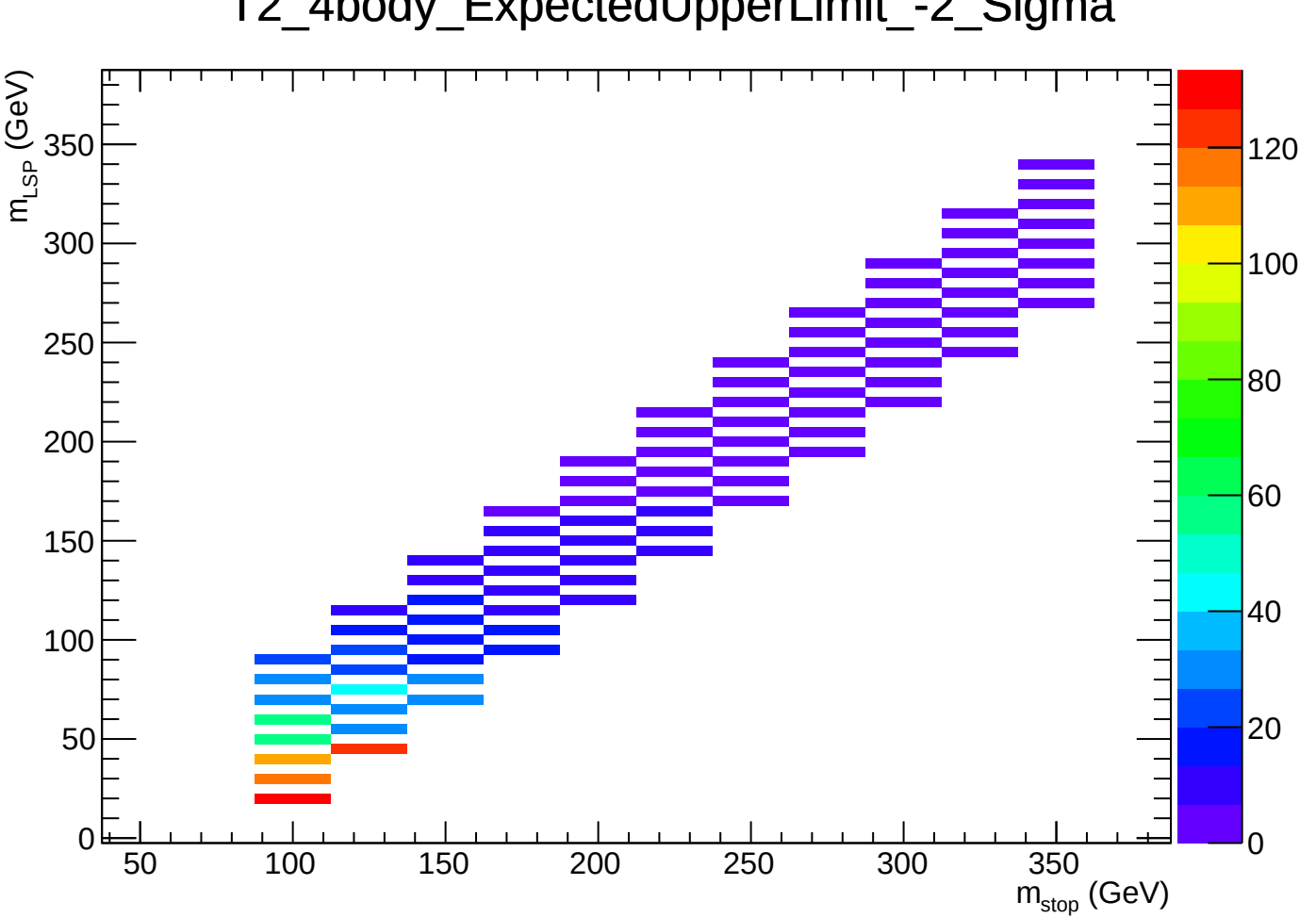

T2_4body_CLs_9
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
CLs_9
0
0.1
0.2
0.3
0.4
0.5

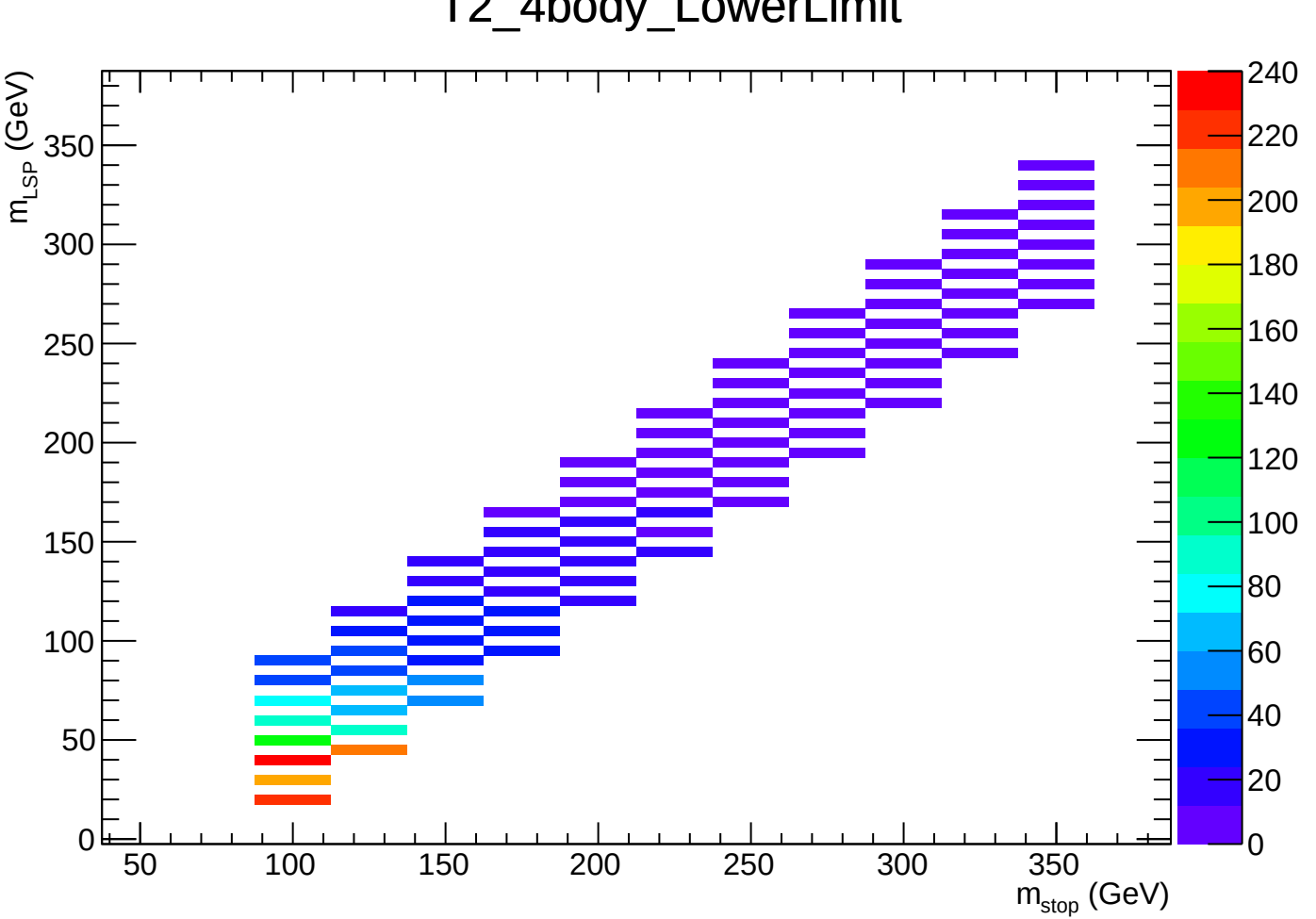

T2_4body_ExpectedUpperLimit
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
240
220
200
180
160
140
120
100
80
60
40
20
0

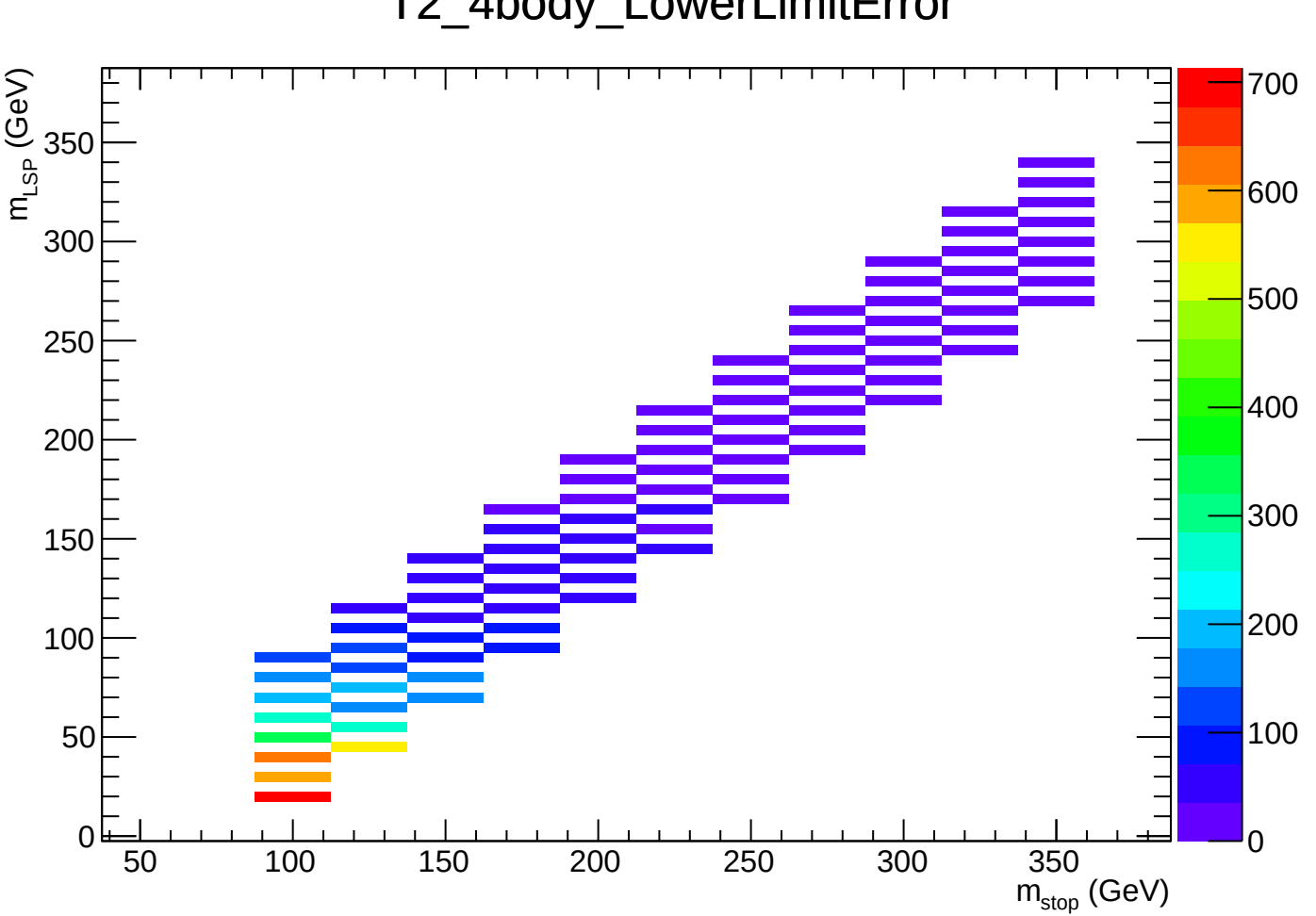

T2_4body_ExpectedUpperLimit_+1_Sigma
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
600
500
400
300
200
100
0

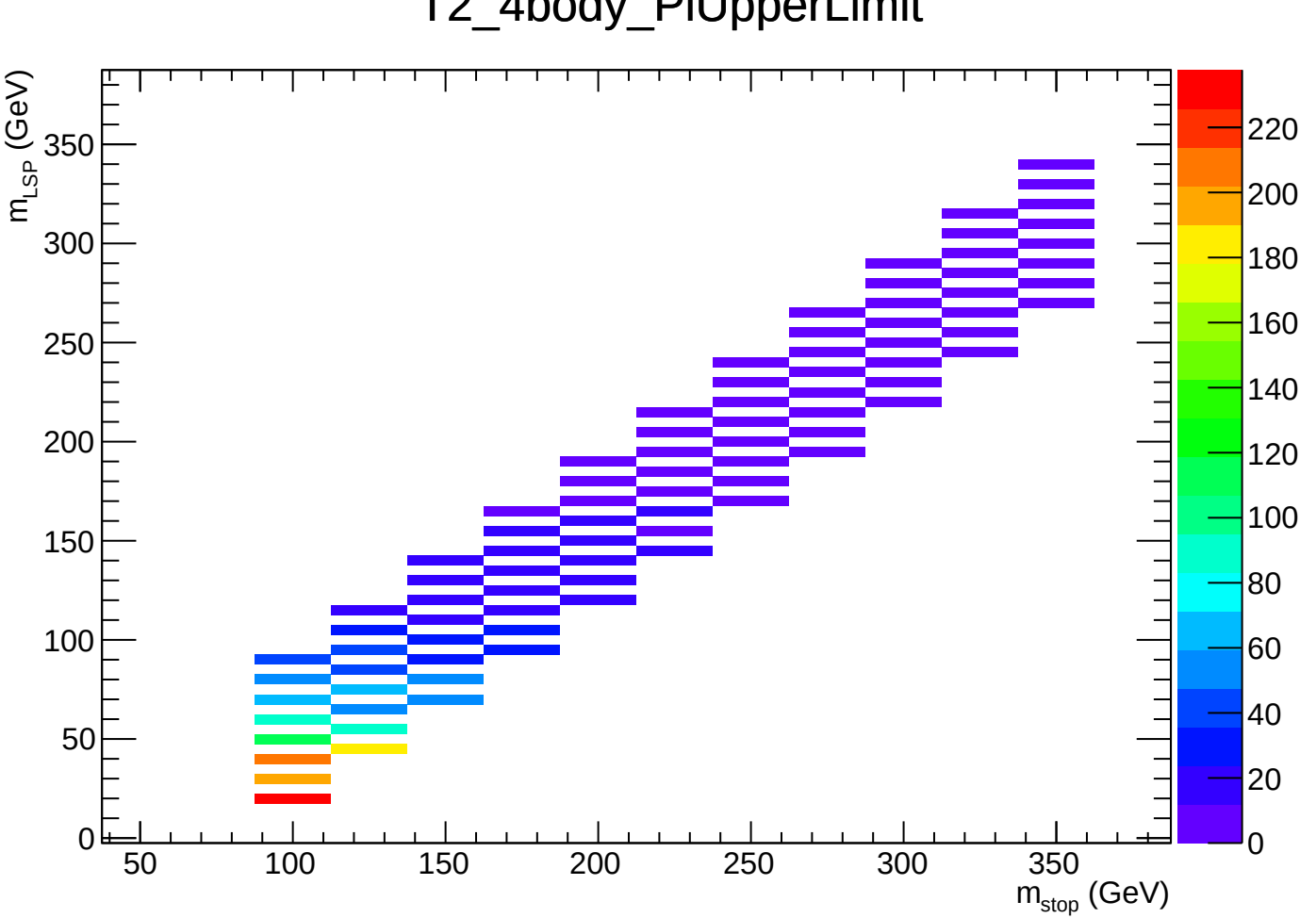

T2_4body_ExpectedUpperLimit_+2_Sigma
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
600
500
400
300
200
100
0

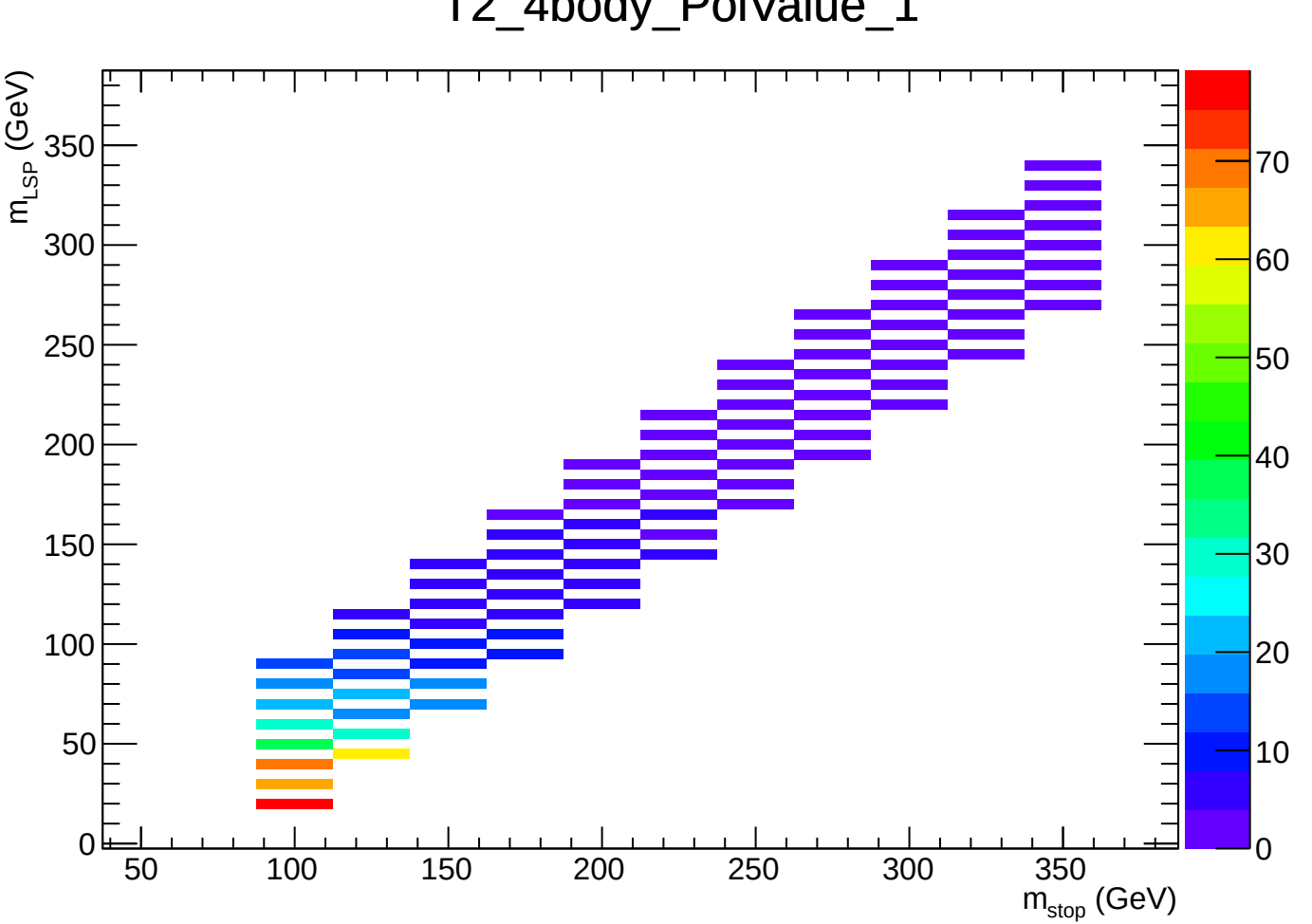

T2_4body_ExpectedUpperLimit_-1_Sigma
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
20
40
60
80
100
120
140
160
180

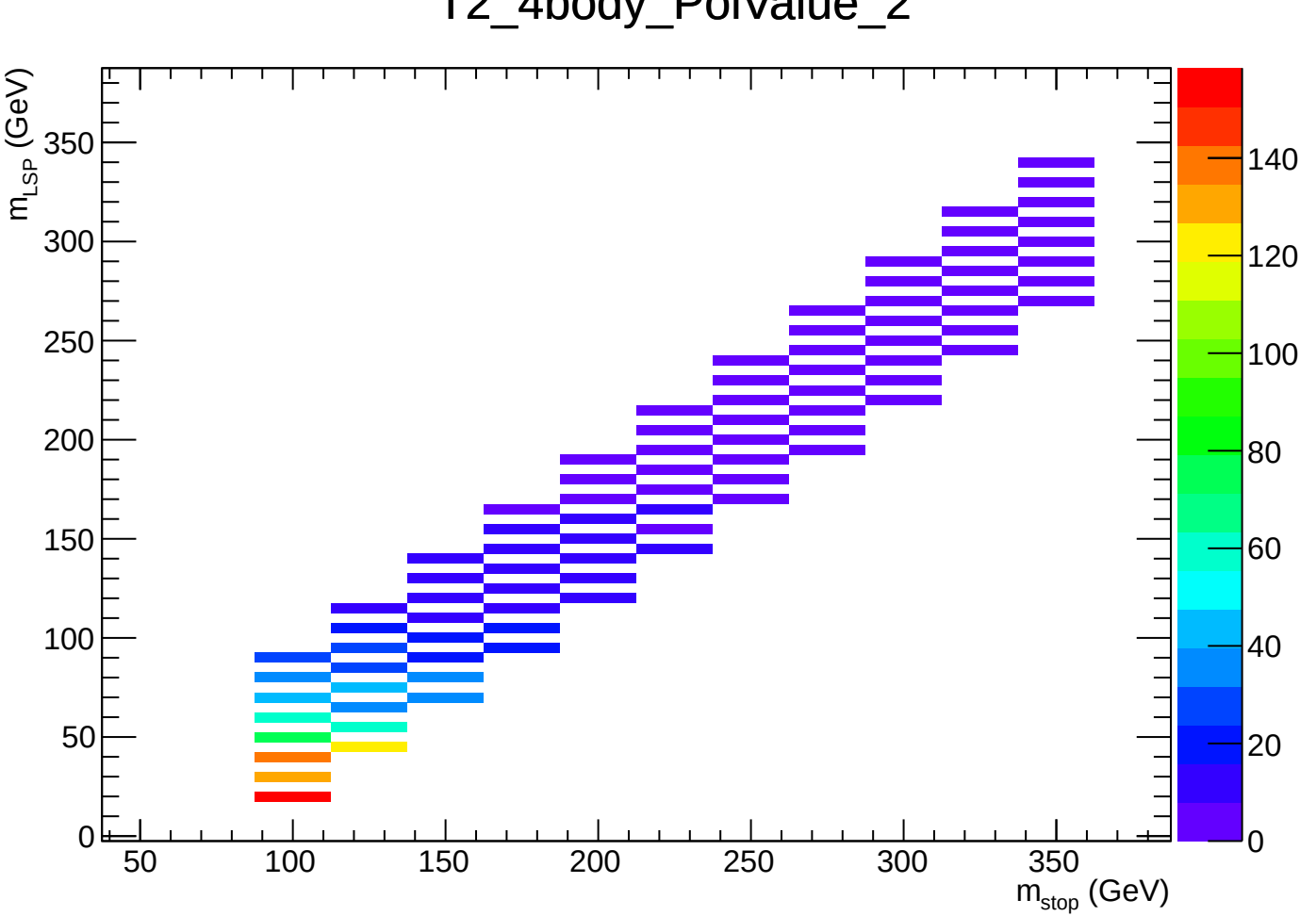

T2_4body_ExpectedUpperLimit_-2_Sigma
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
20
40
60
80
100
120

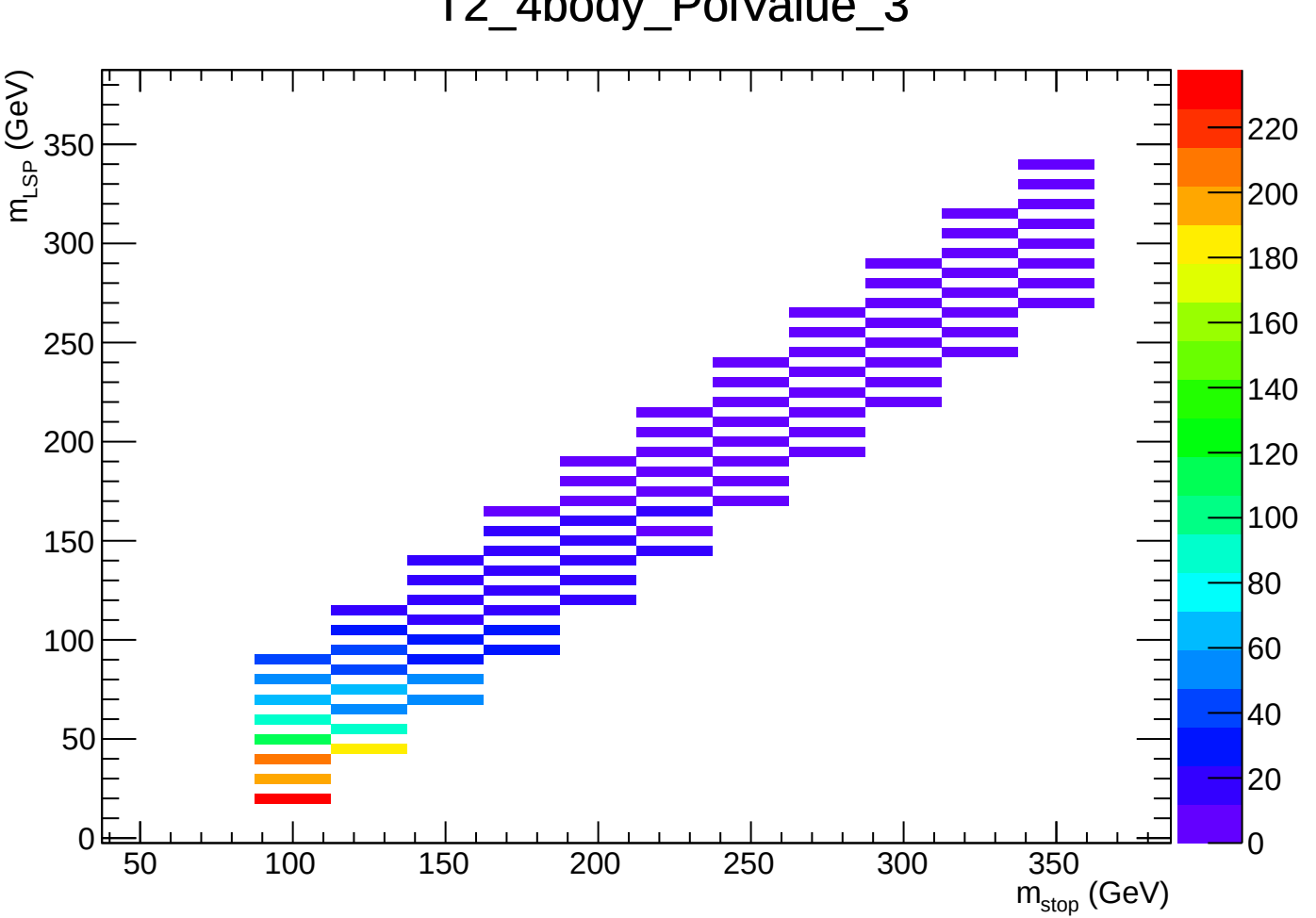

T2_4body_LowerLimit
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
20
40
60
80
100
120
140
160
180
200
220
240

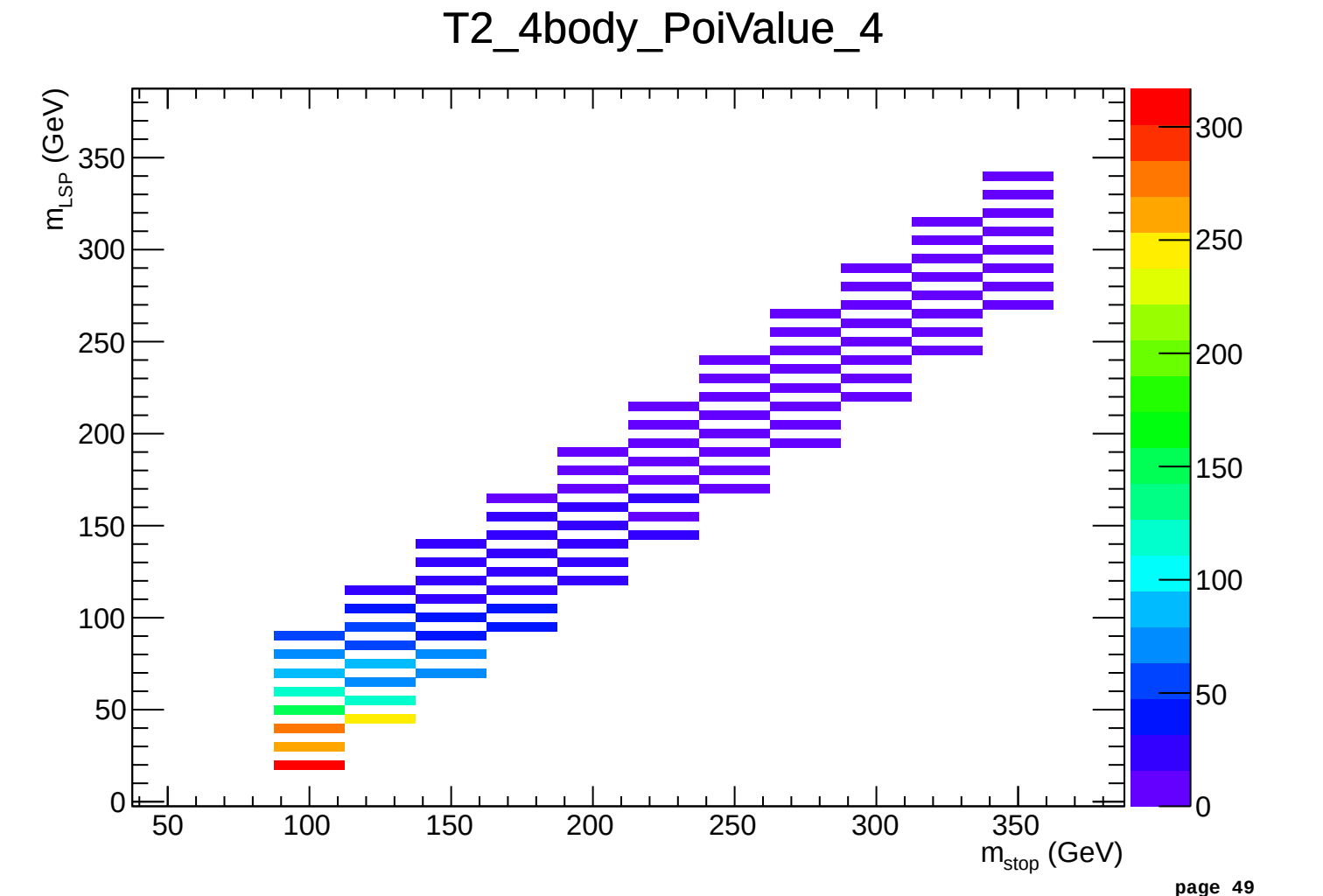

T2_4body_LowerLimitError
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
100
200
300
400
500
600
700

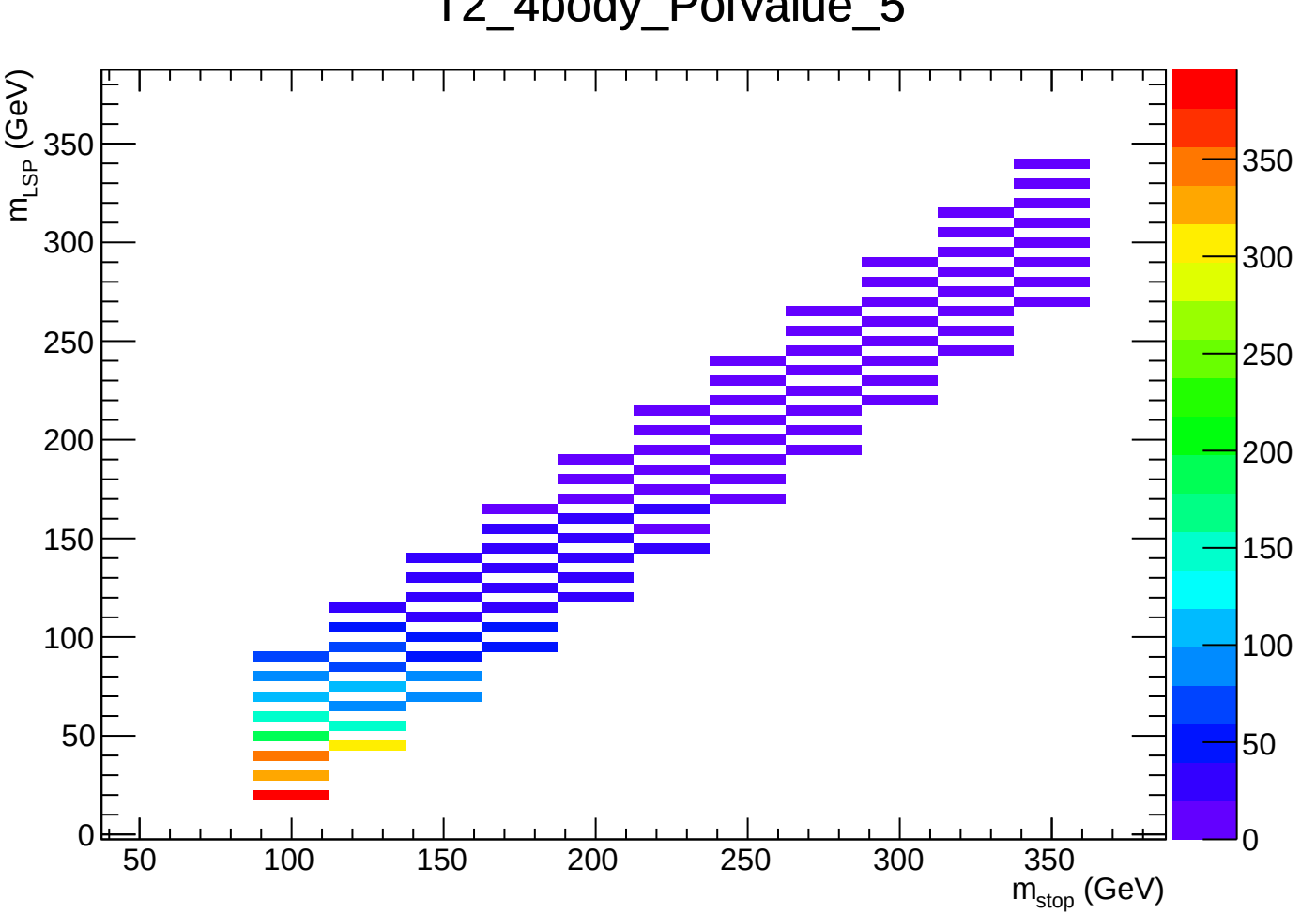

T2_4body_PlUpperLimit
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
220
200
180
160
140
120
100
80
60
40
20
0

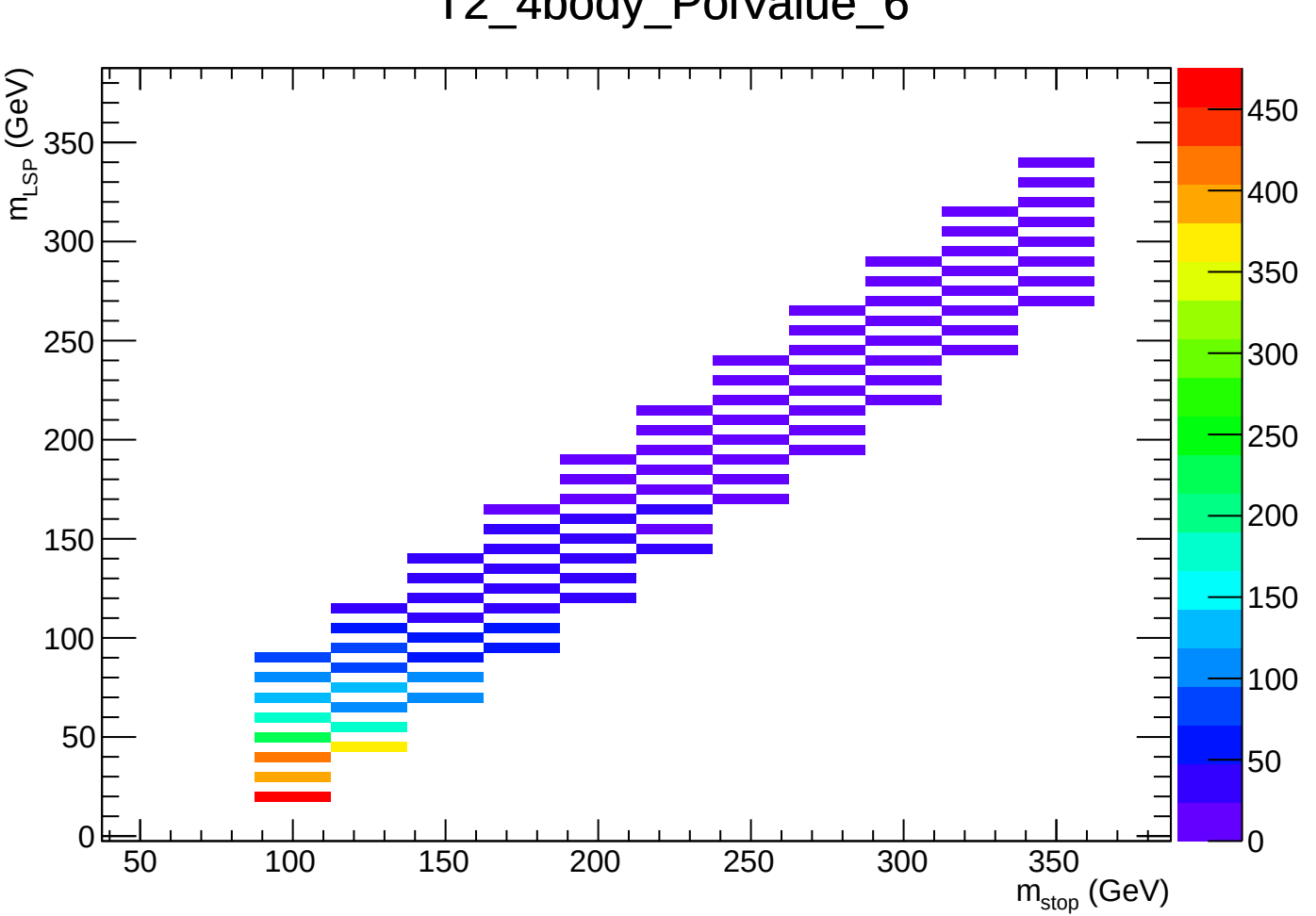

T2_4body_PoiValue_1
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
10
20
30
40
50
60
70

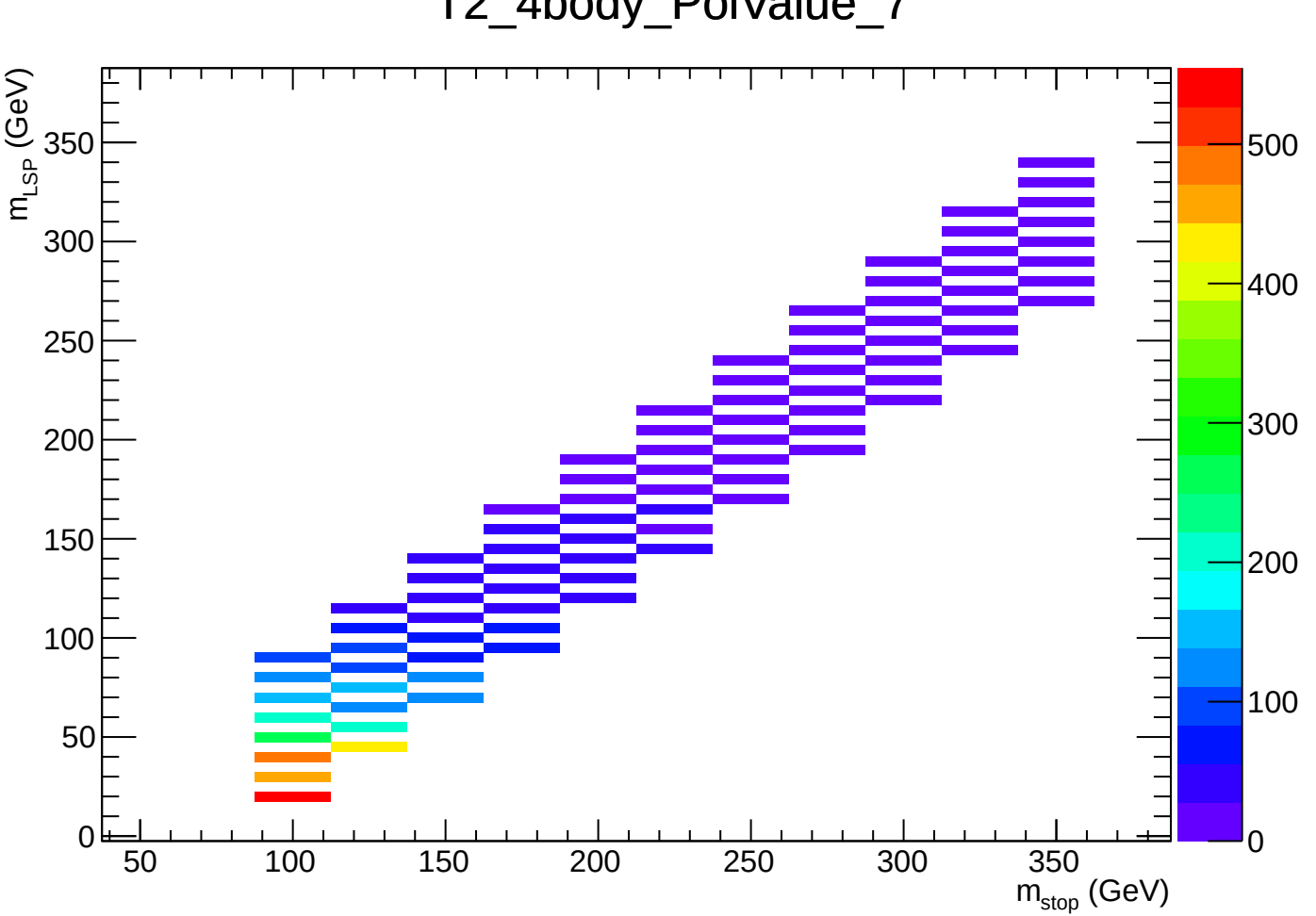

T2_4body_PoiValue_2
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
0
20
40
60
80
100
120
140

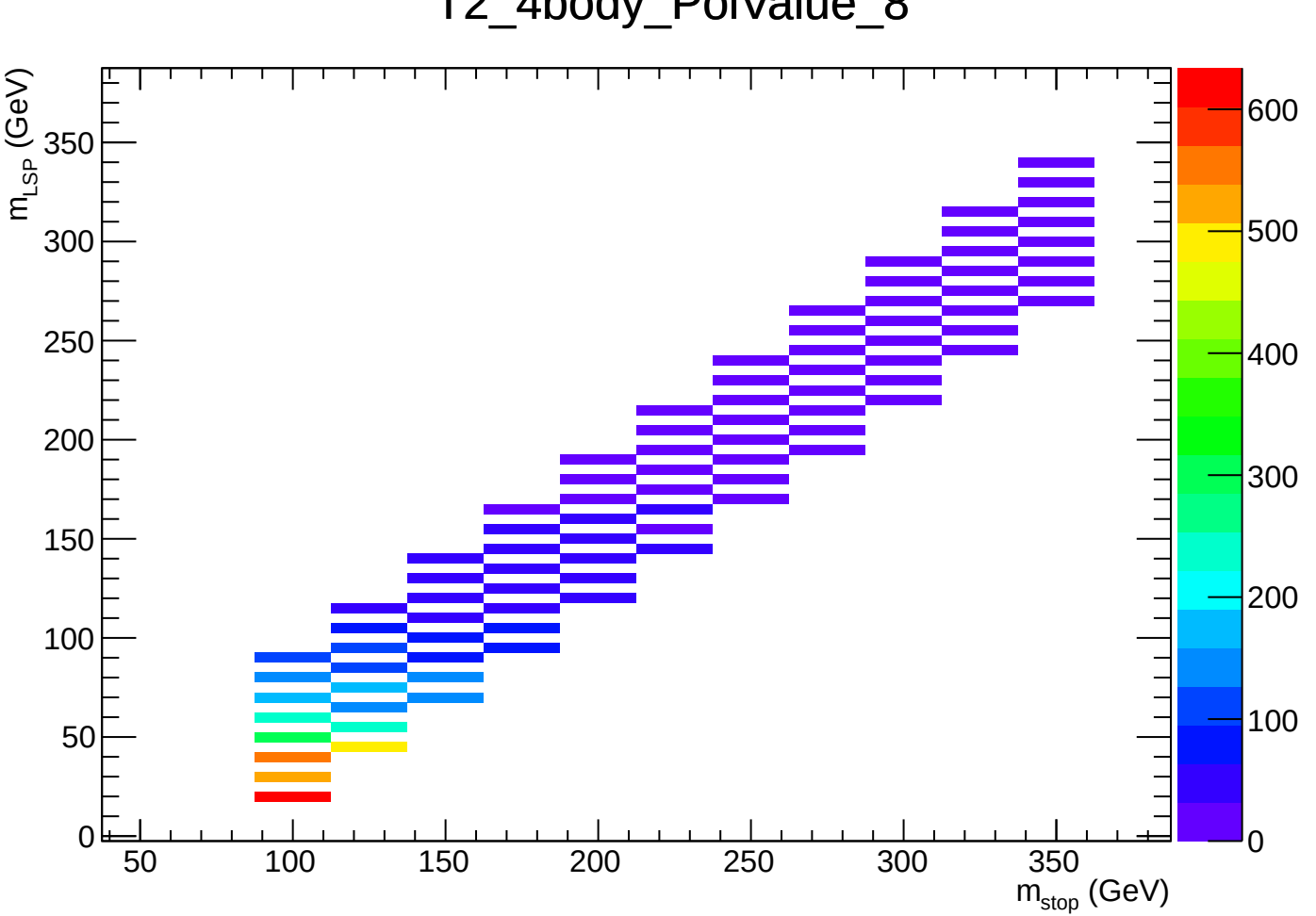

T2_4body_PoiValue_3
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
220
200
180
160
140
120
100
80
60
40
20
0

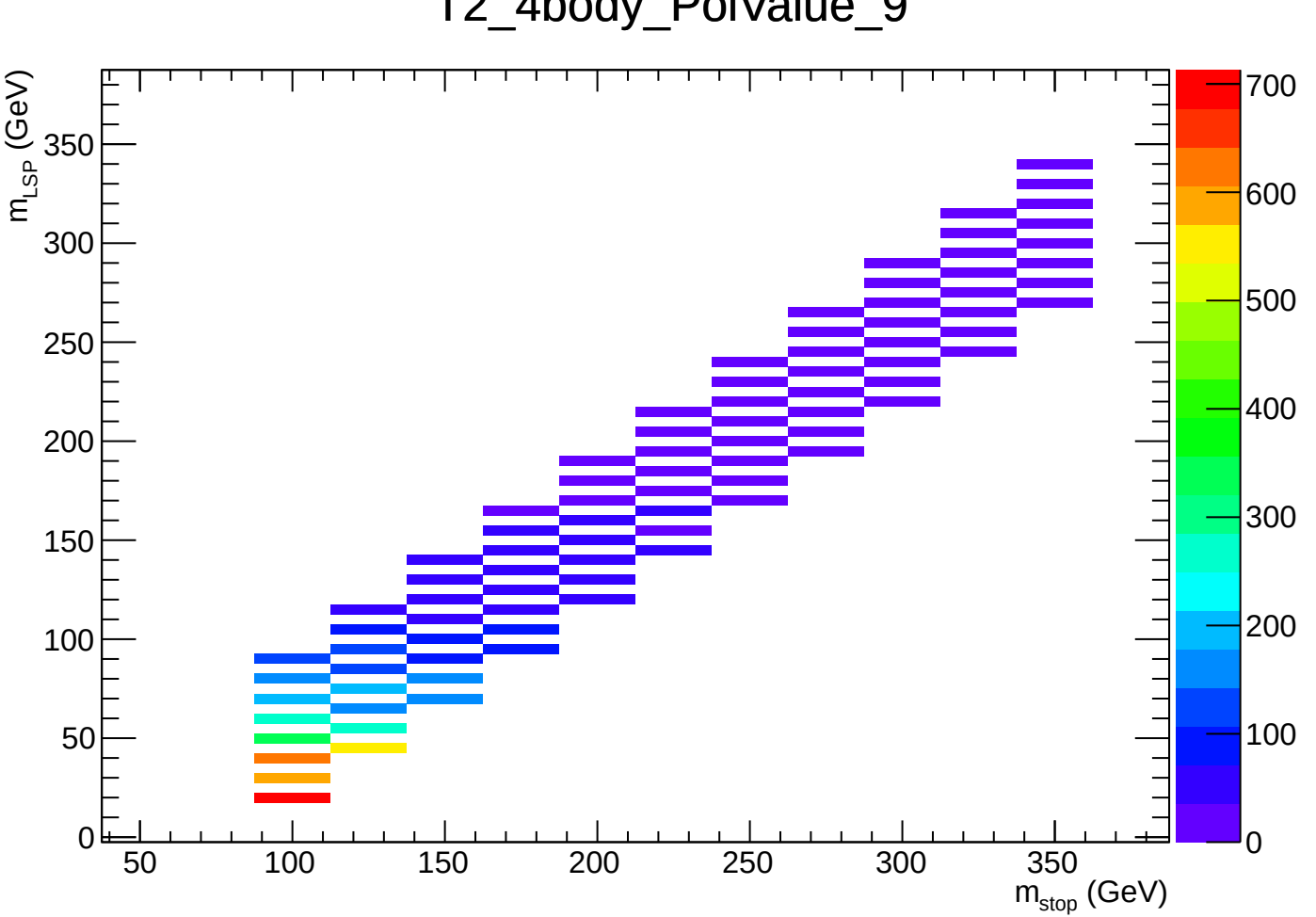

T2_4body_PoiValue_4
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
50
100
150
200
250
300

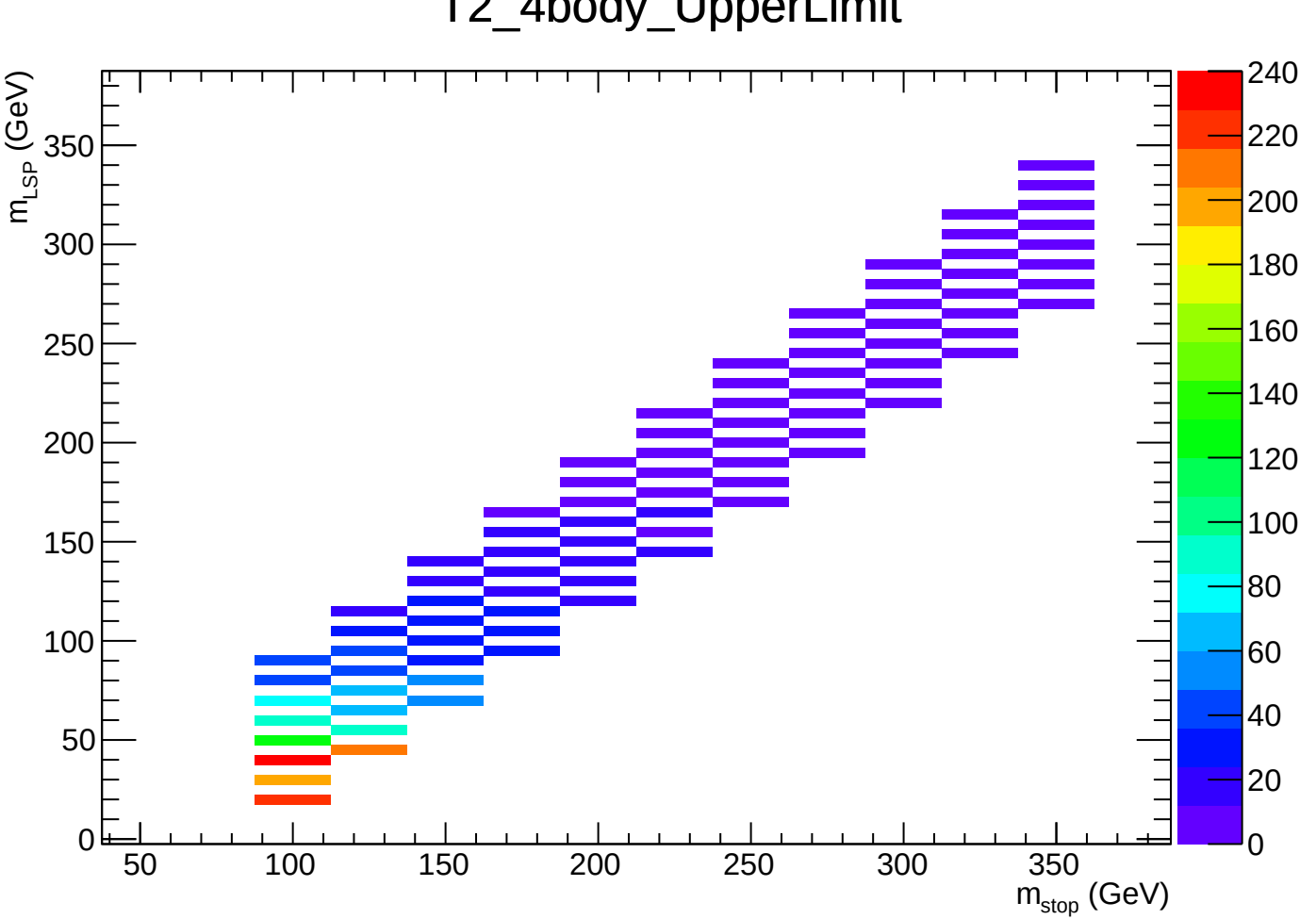

T2_4body_PoiValue_5
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
0
50
100
150
200
250
300
350

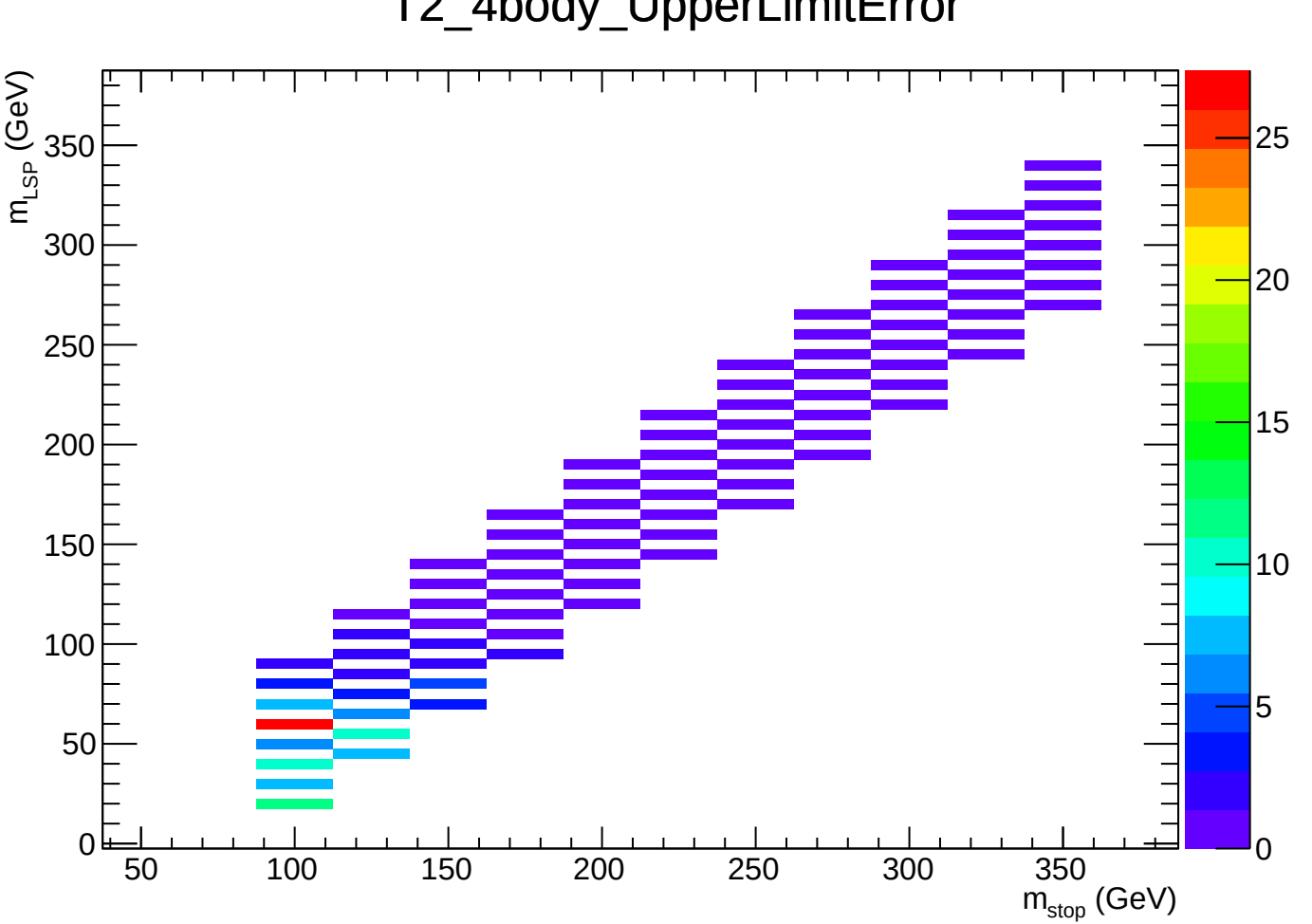

T2_4body_PoiValue_6
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
450
400
350
300
250
200
150
100
50
0

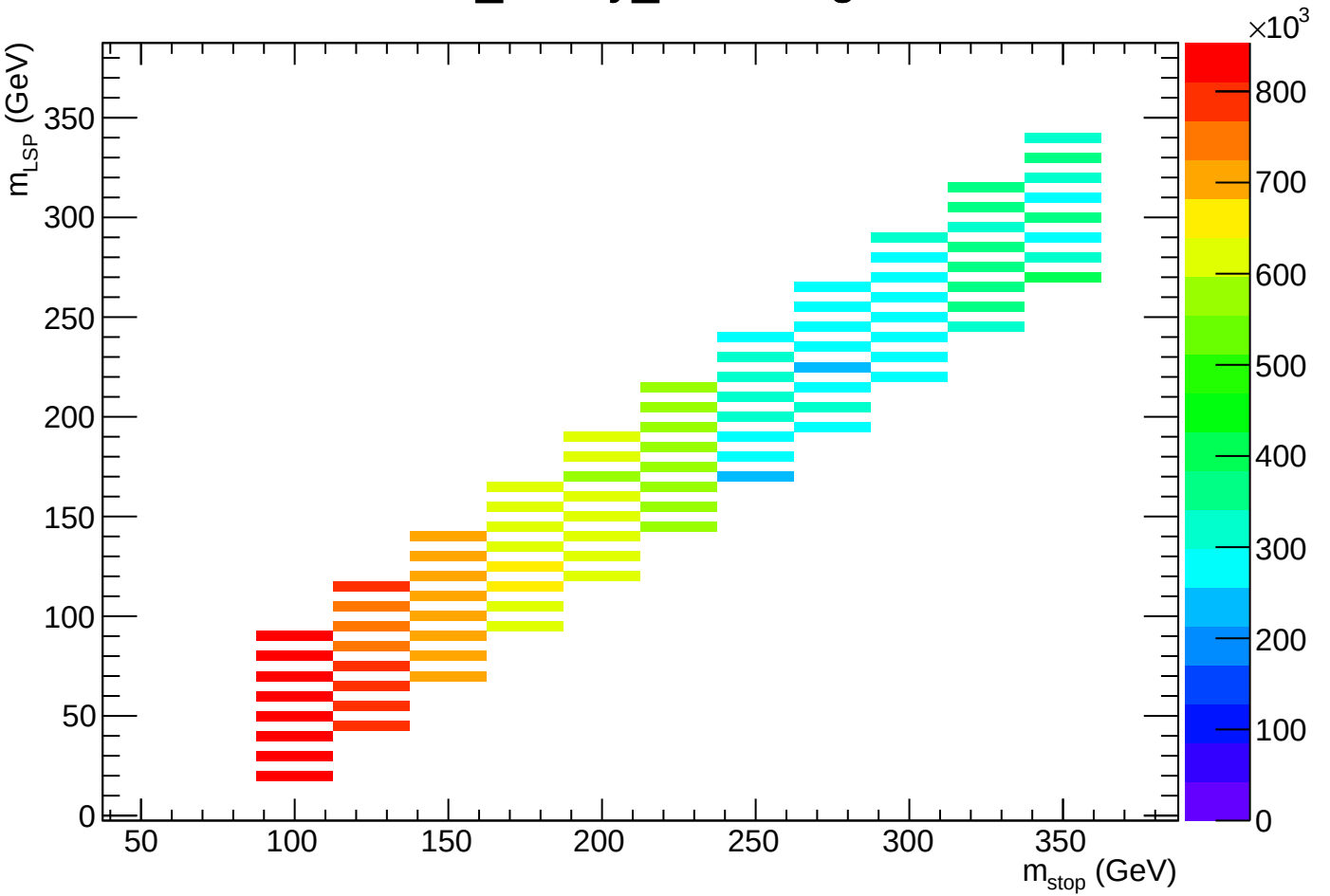

T2_4body_PoiValue_7
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
500
400
300
200
100
0

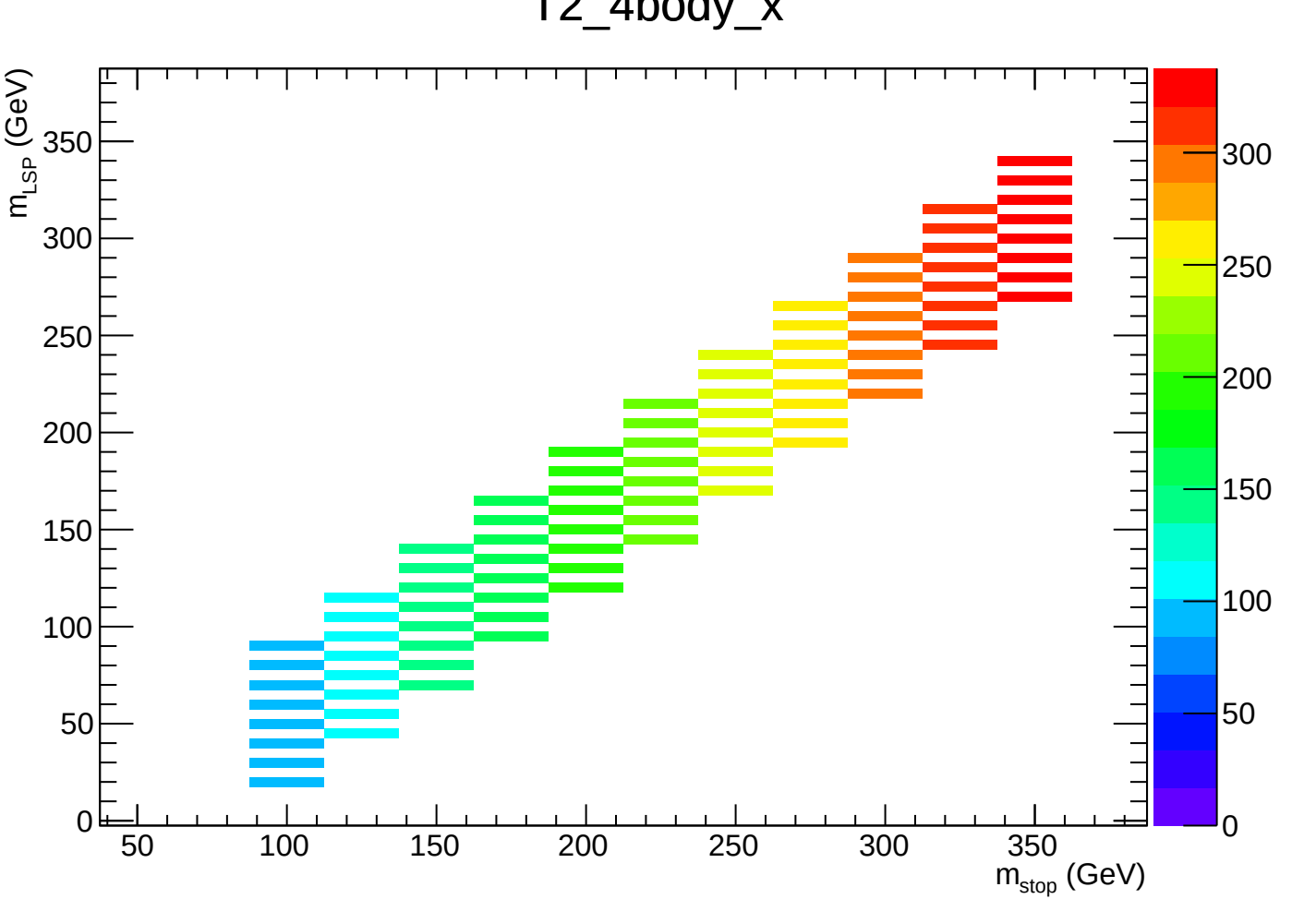

T2_4body_PoiValue_8
m_LSP (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
m_stop (GeV)
600
500
400
300
200
100
0

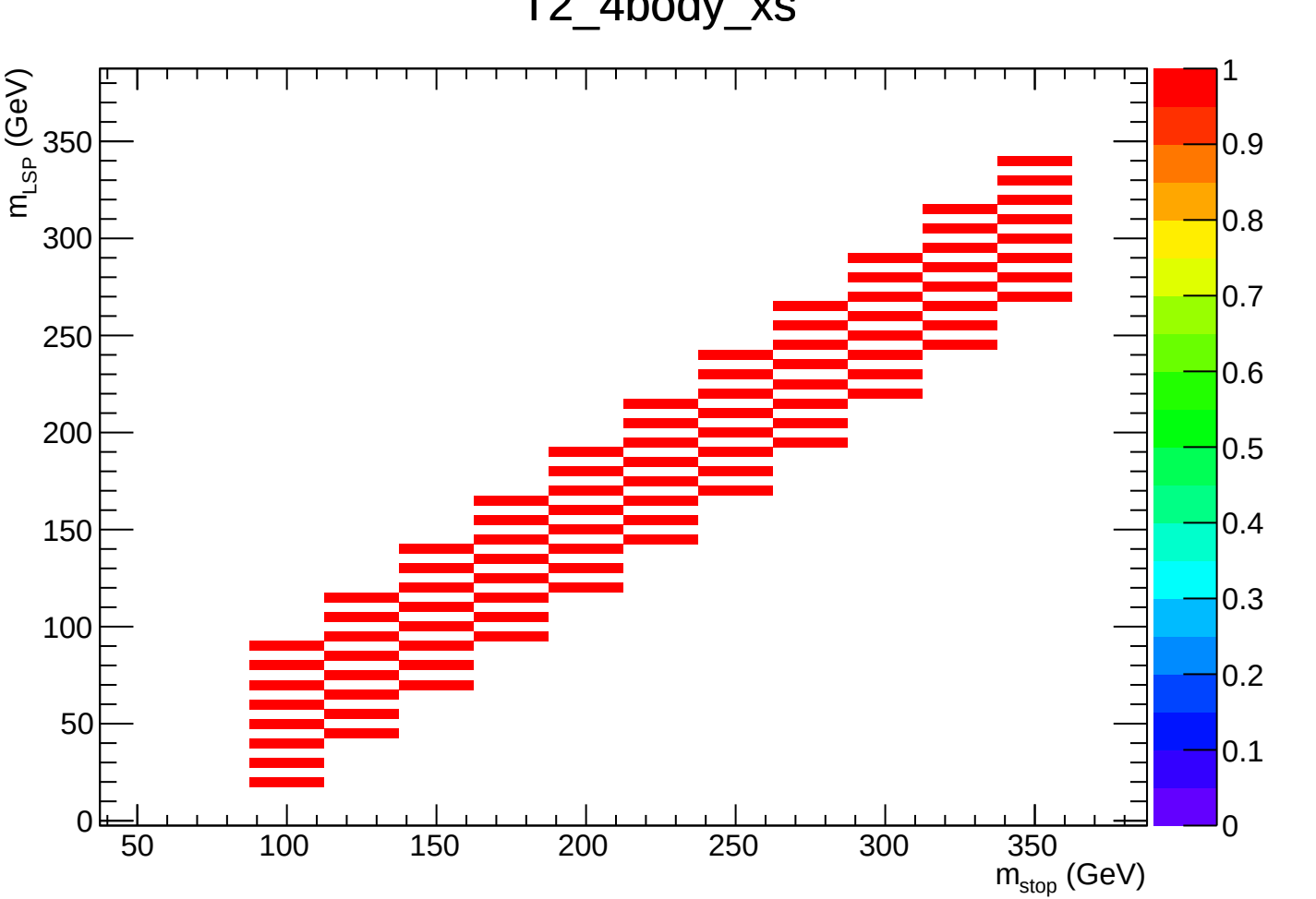

T2_4body_PoiValue_9
m_LSP (GeV)
0
50
100
150
200
250
300
350
m_stop (GeV)
50
100
150
200
250
300
350
700
600
500
400
300
200
100
0

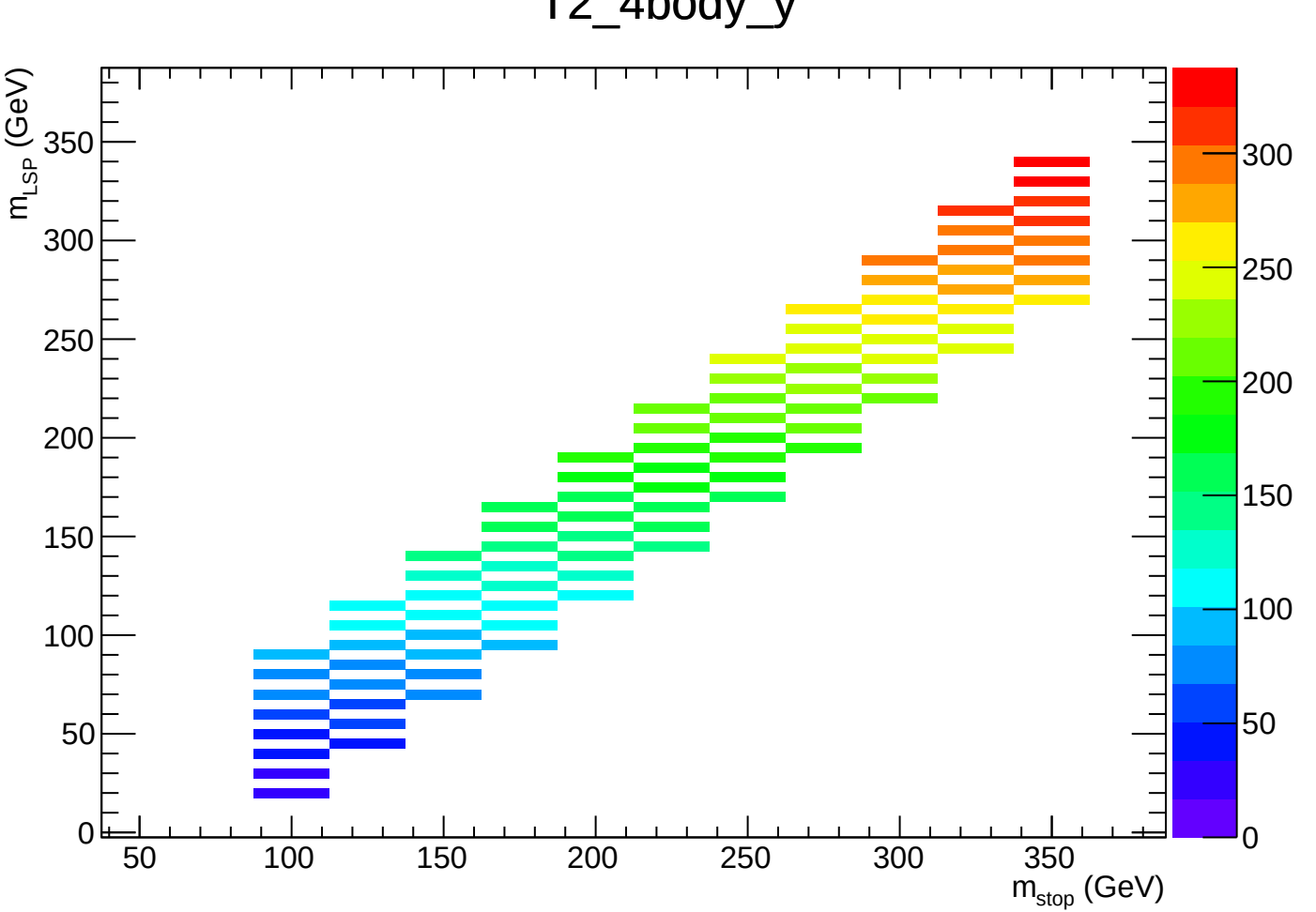

T2_4body_UpperLimit
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
20
40
60
80
100
120
140
160
180
200
220
240


T2_4body_UpperLimitError
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
50
100
150
200
250
300
350
0
5
10
15
20
25


T2_4body_sumWeightIn
m_LSP (GeV)
m_stop (GeV)
×10^3
0
50
100
150
200
250
300
350
400
500
600
700
800


T2_4body_x
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350


T2_4body_xs
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1


T2_4body_y
m_LSP (GeV)
m_stop (GeV)
0
50
100
150
200
250
300
350

empty histograms: ['T2_4body_CLs+b_8', 'T2_4body_CLsError', 'T2_4body_CLsError_8', 'T2_4body_CLs_8', 'T2_4body_PoiValue']