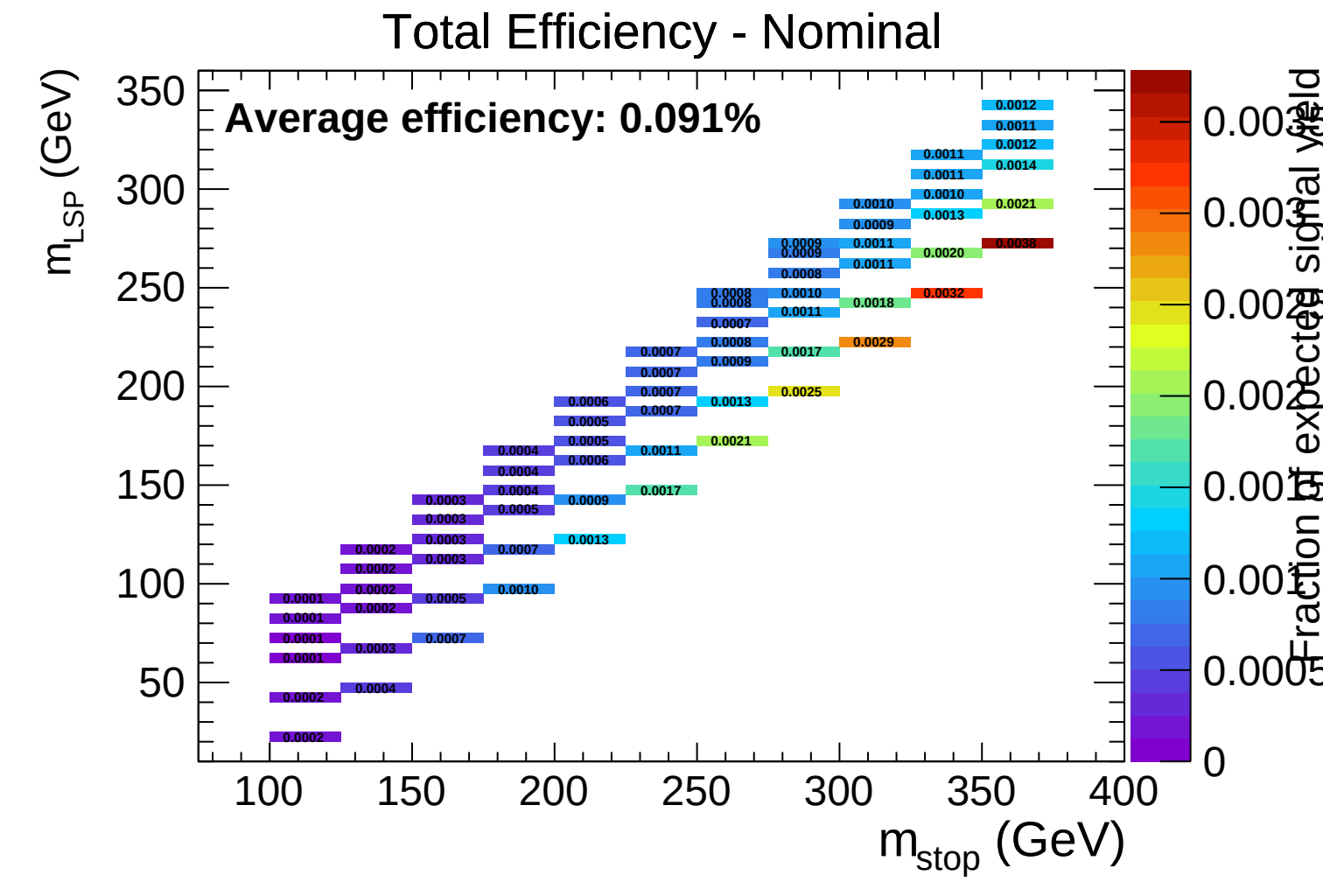
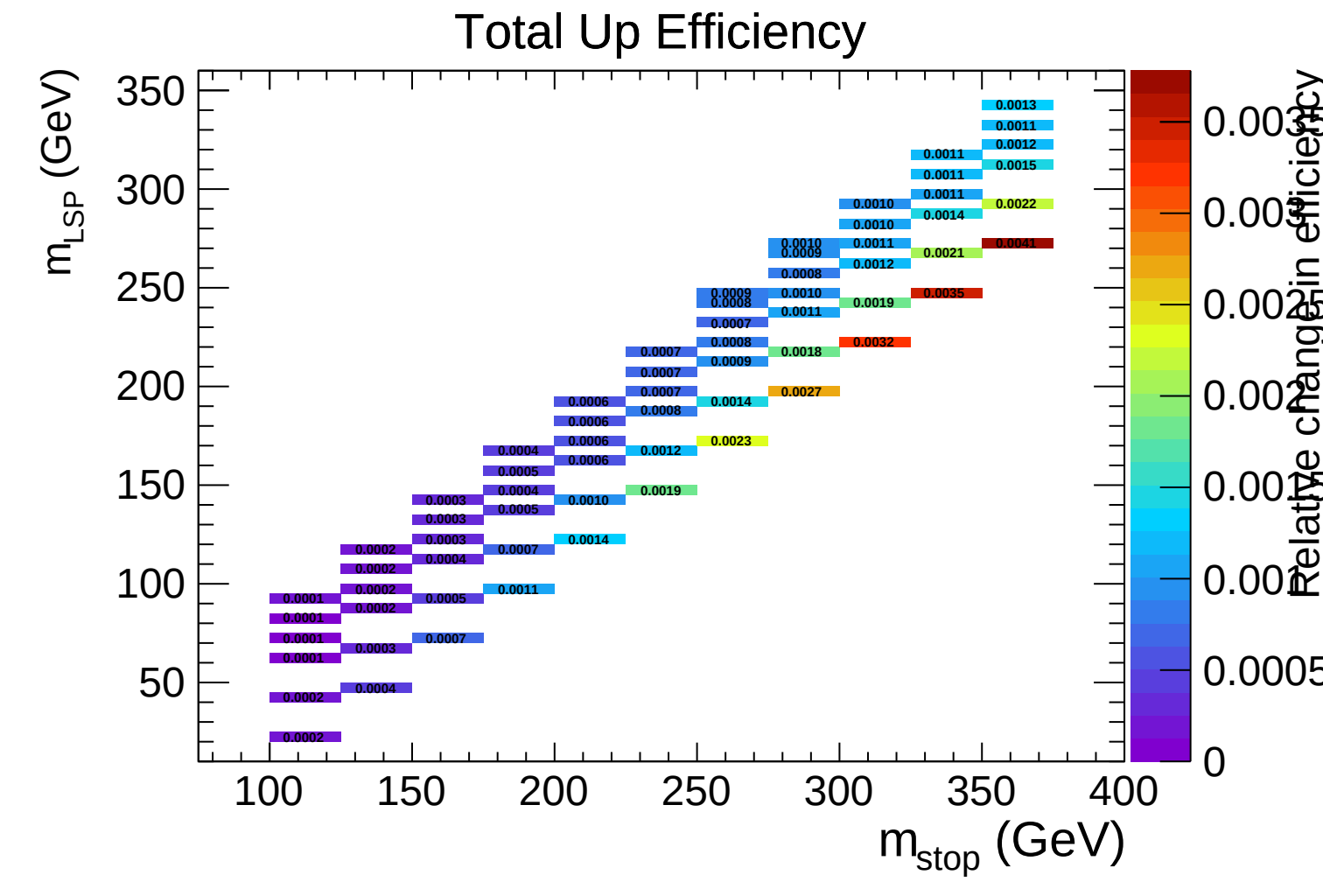
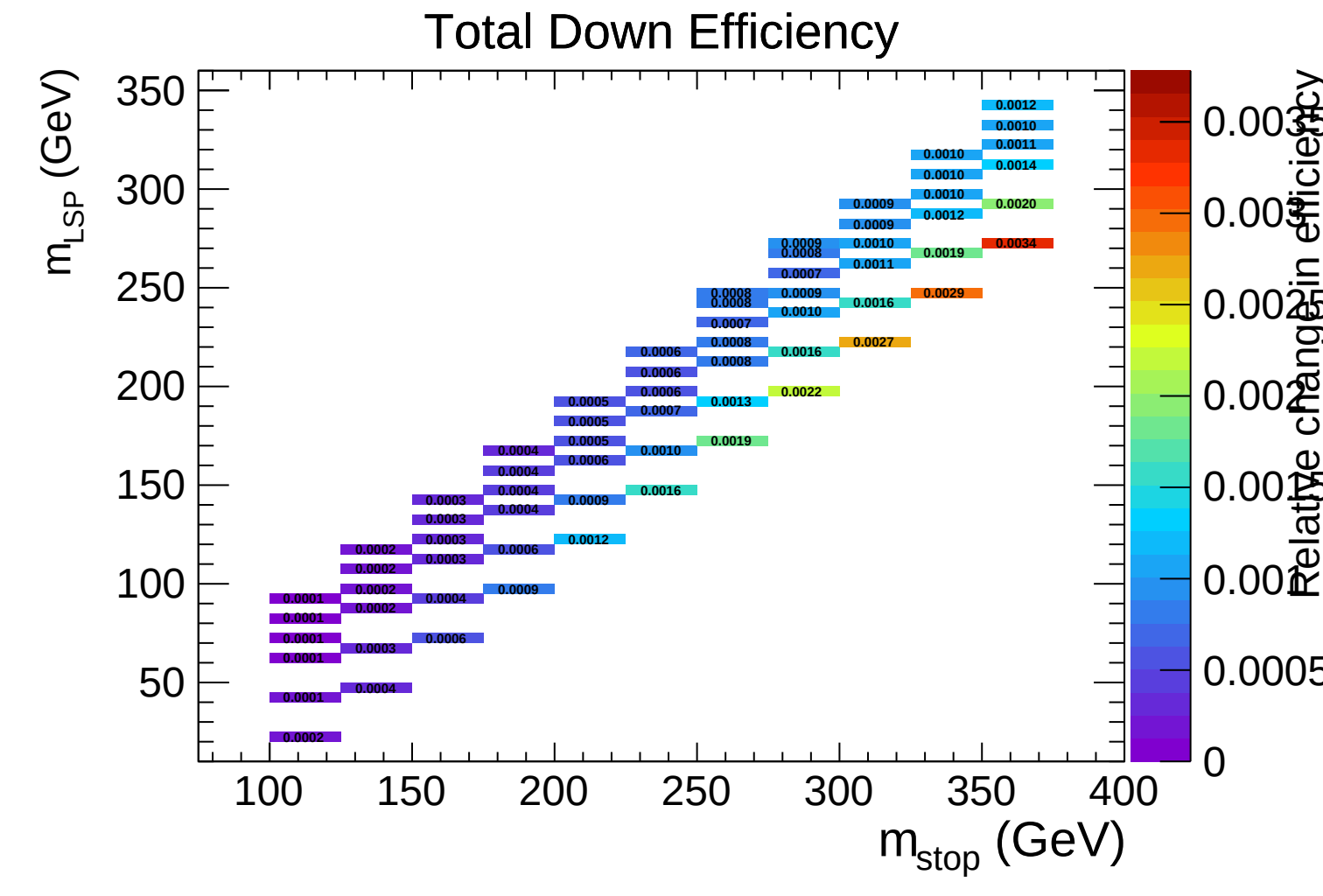
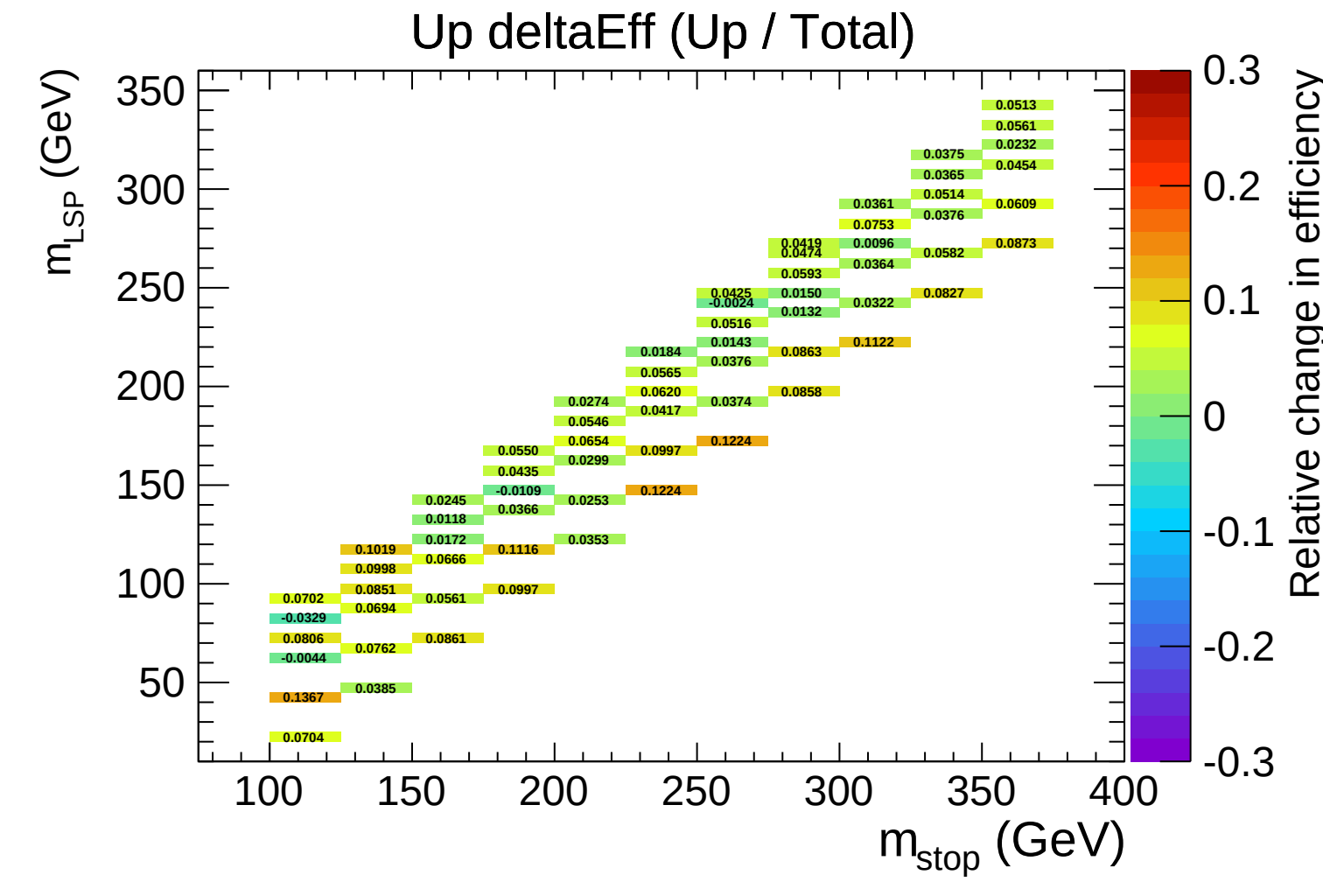
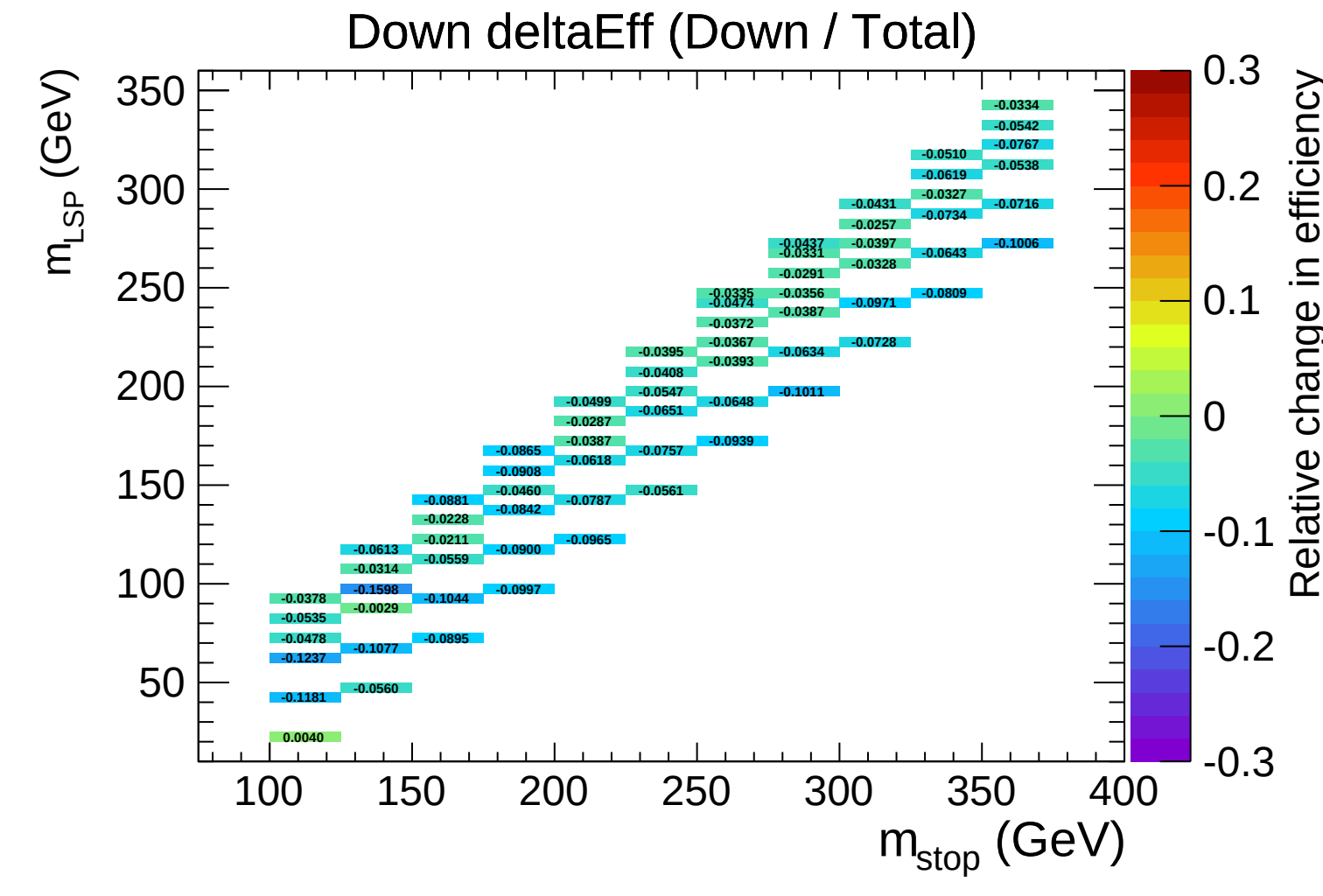


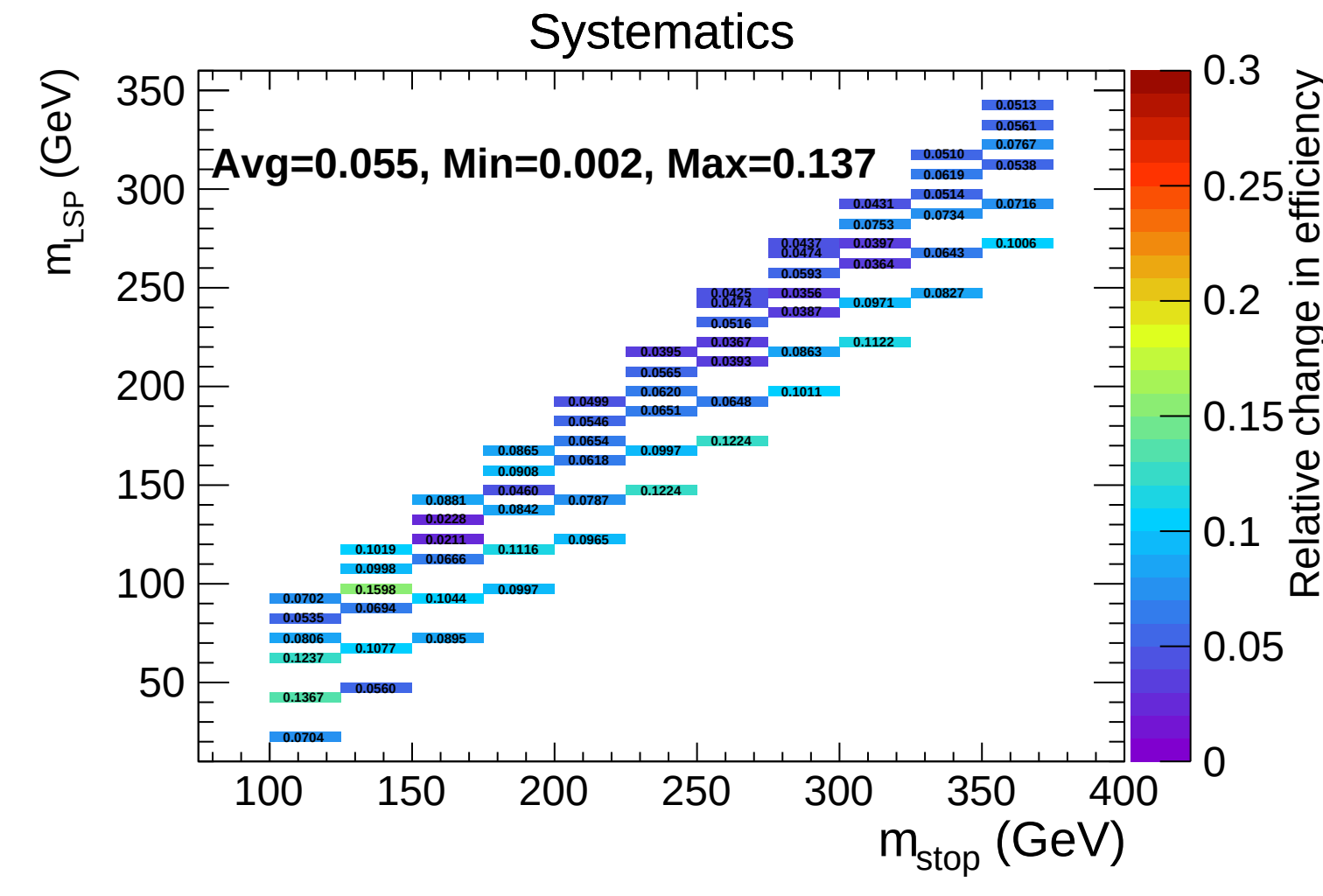
Total Efficiency - Nominal
Average efficiency: 0.091%
m_{LSP} (GeV)
m_{stop} (GeV)
Fraction of expected signal yield


Total Up Efficiency
m_LSP (GeV)
m_stop (GeV)
Relative change in efficiency
350
300
250
200
150
100
50
100
150
200
250
300
350
400
0.003
0.002
0.0005
0
0.0001 0.0002 0.0003 0.0004 0.0005 0.0006 0.0007 0.0008 0.0009 0.0010 0.0011 0.0012 0.0013 0.0014 0.0015 0.0018 0.0019 0.0021 0.0022 0.0023 0.0027 0.0032 0.0035 0.0041


Total Down Efficiency
m_{LSP} (GeV)
m_{stop} (GeV)
Relative change in efficiency
350
300
250
200
150
100
50
100
150
200
250
300
350
400
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
0.0001
0.0002
0.0003
0.0004
0.0005
0.0006
0.0007
0.0008
0.0009
0.0010
0.0011
0.0012
0.0013
0.0014
0.0016
0.0019
0.0020
0.0022
0.0027
0.0029
0.0034


Up deltaEff (Up / Total)
m_LSP (GeV)
m_stop (GeV)
Relative change in efficiency
350
300
250
200
150
100
50
100
150
200
250
300
350
400
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
0.0513
0.0561
0.0232
0.0375
0.0454
0.0365
0.0514
0.0609
0.0361
0.0376
0.0753
0.0419
0.0096
0.0873
0.0474
0.0582
0.0364
0.0593
0.0425
0.0150
0.0827
-0.0024
0.0322
0.0132
0.0516
0.0143
0.1122
0.0184
0.0863
0.0376
0.0565
0.0620
0.0858
0.0274
0.0374
0.0417
0.0546
0.0654
0.1224
0.0550
0.0997
0.0299
0.0435
-0.0109
0.1224
0.0245
0.0253
0.0366
0.0118
0.0172
0.0353
0.1019
0.1116
0.0666
0.0998
0.0851
0.0997
0.0702
0.0561
0.0694
-0.0329
0.0806
0.0861
0.0762
-0.0044
0.0385
0.1367
0.0704


Down deltaEff (Down / Total)
m_LSP (GeV)
m_stop (GeV)
Relative change in efficiency
350
300
250
200
150
100
50
100
150
200
250
300
350
400
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.0334
-0.0542
-0.0767
-0.0538
-0.0510
-0.0619
-0.0327
-0.0716
-0.0431
-0.0734
-0.0257
-0.0437
-0.0397
-0.0331
-0.0328
-0.0643
-0.1006
-0.0291
-0.0335
-0.0356
-0.0474
-0.0387
-0.0809
-0.0971
-0.0372
-0.0395
-0.0367
-0.0728
-0.0393
-0.0634
-0.0408
-0.0499
-0.0547
-0.1011
-0.0651
-0.0648
-0.0287
-0.0387
-0.0939
-0.0865
-0.0618
-0.0757
-0.0908
-0.0460
-0.0561
-0.0881
-0.0787
-0.0842
-0.0228
-0.0211
-0.0965
-0.0613
-0.0900
-0.0559
-0.0314
-0.1598
-0.0997
-0.0378
-0.1044
-0.0029
-0.0535
-0.0478
-0.0895
-0.1077
-0.1237
-0.1181
-0.0560
0.0040


Systematics
Avg=0.055, Min=0.002, Max=0.137
m_LSP (GeV)
m_stop (GeV)
Relative change in efficiency
0.0513
0.0561
0.0767
0.0538
0.0510
0.0619
0.0431
0.0514
0.0734
0.0716
0.0753
0.0437
0.0474
0.0397
0.0643
0.1006
0.0593
0.0364
0.0425
0.0474
0.0356
0.0387
0.0827
0.0971
0.0516
0.0367
0.0395
0.0393
0.1122
0.0565
0.0863
0.0620
0.0499
0.0651
0.0648
0.1011
0.0546
0.0654
0.0865
0.0618
0.0997
0.1224
0.0908
0.0460
0.0881
0.0787
0.1224
0.0842
0.0228
0.0211
0.0965
0.1019
0.1116
0.0666
0.0998
0.1598
0.0702
0.1044
0.0997
0.0694
0.0535
0.0806
0.0895
0.1077
0.1237
0.0560
0.1367
0.0704