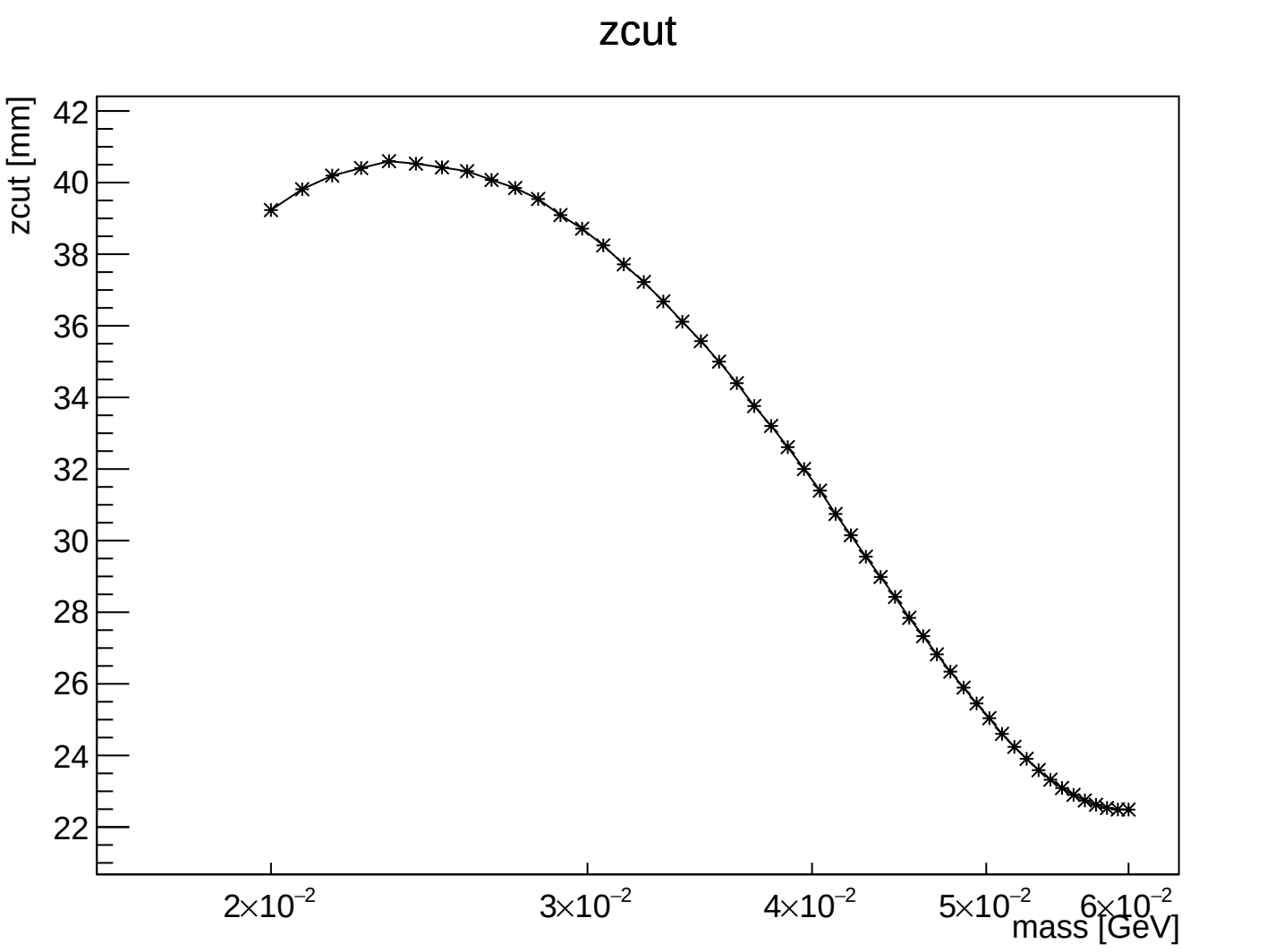
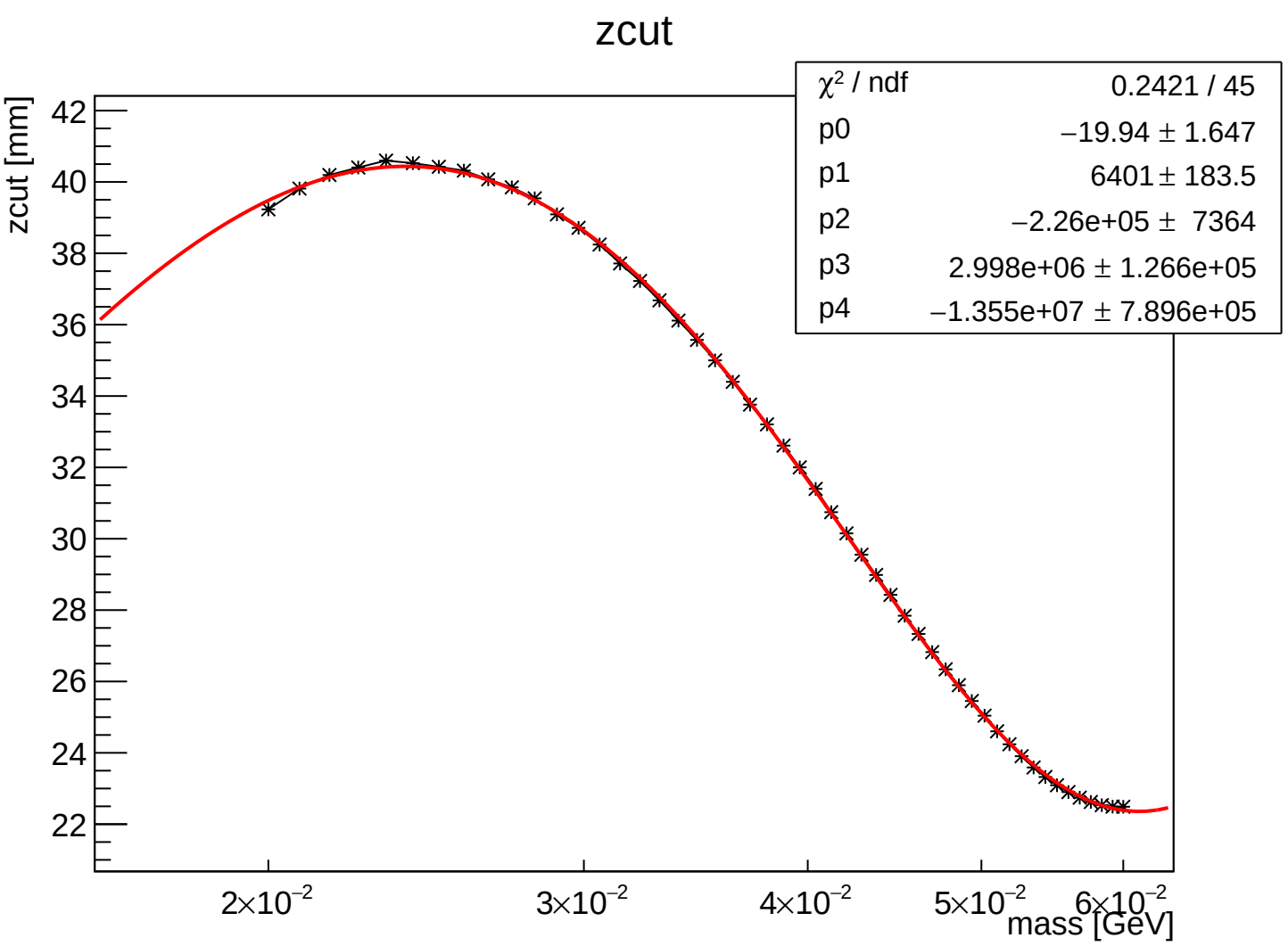
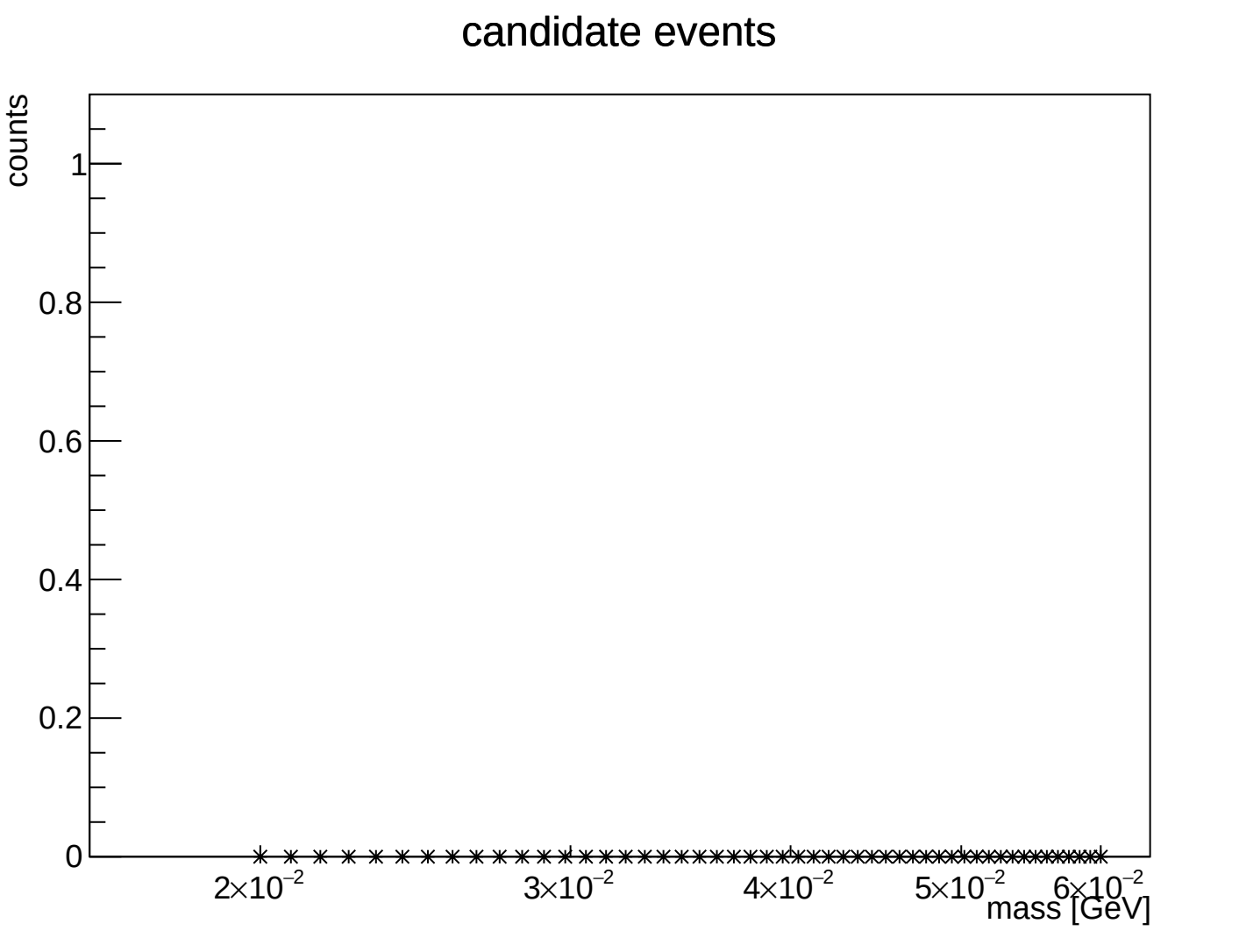
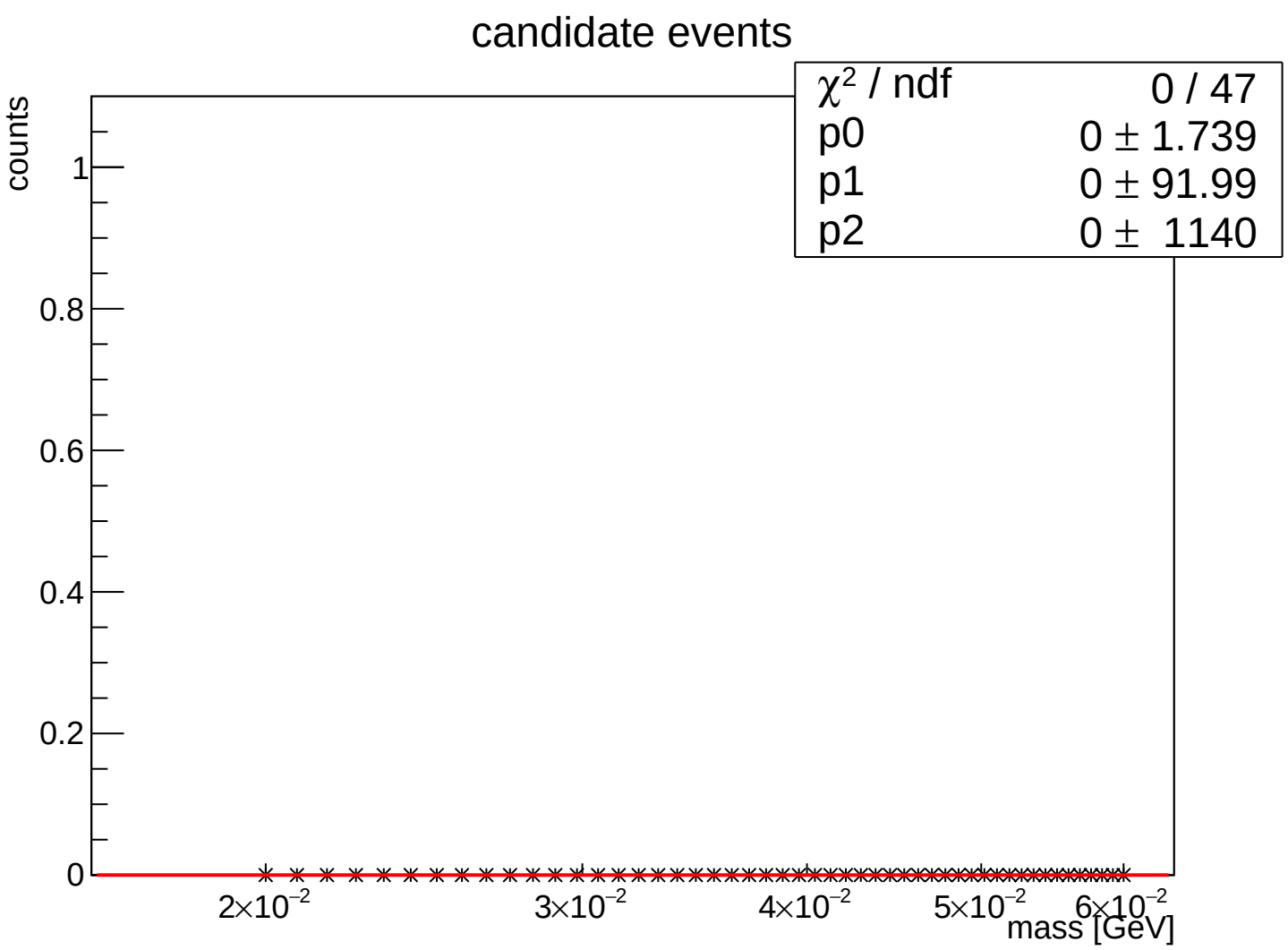
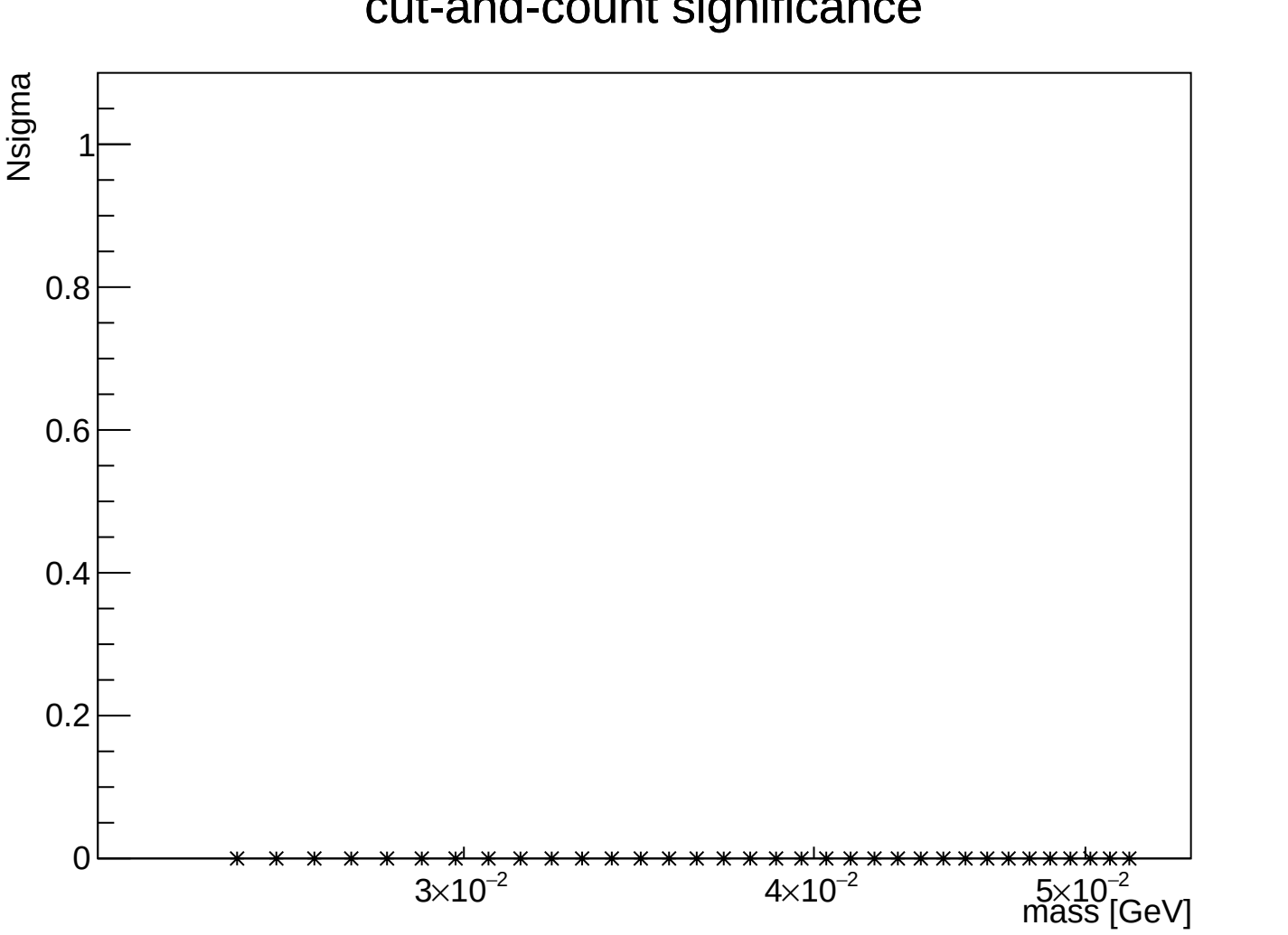
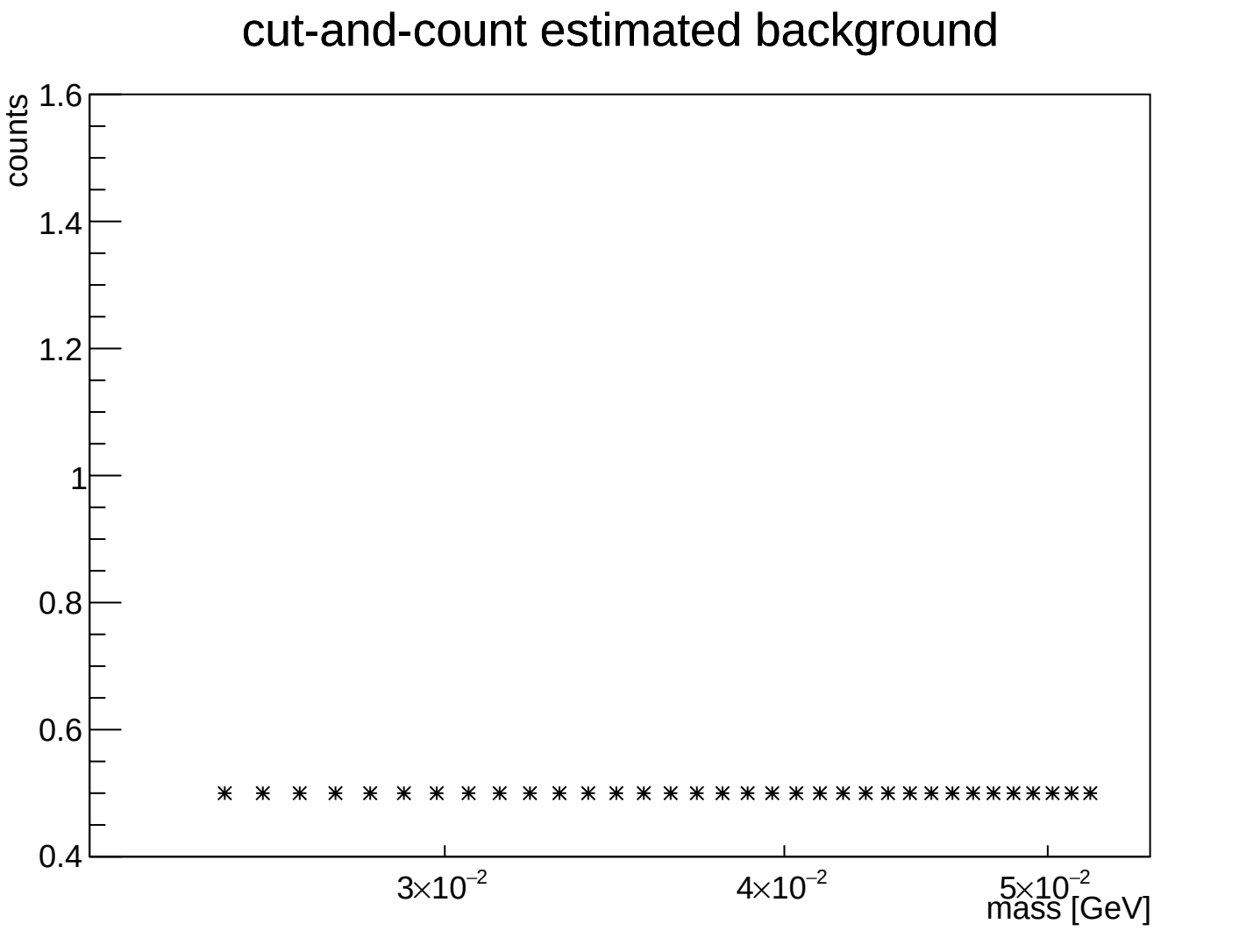

zcut
zcut [mm]
42
40
38
36
34
32
30
28
26
24
22
2×10⁻²
3×10⁻²
4×10⁻²
5×10⁻²
6×10⁻²
mass [GeV]

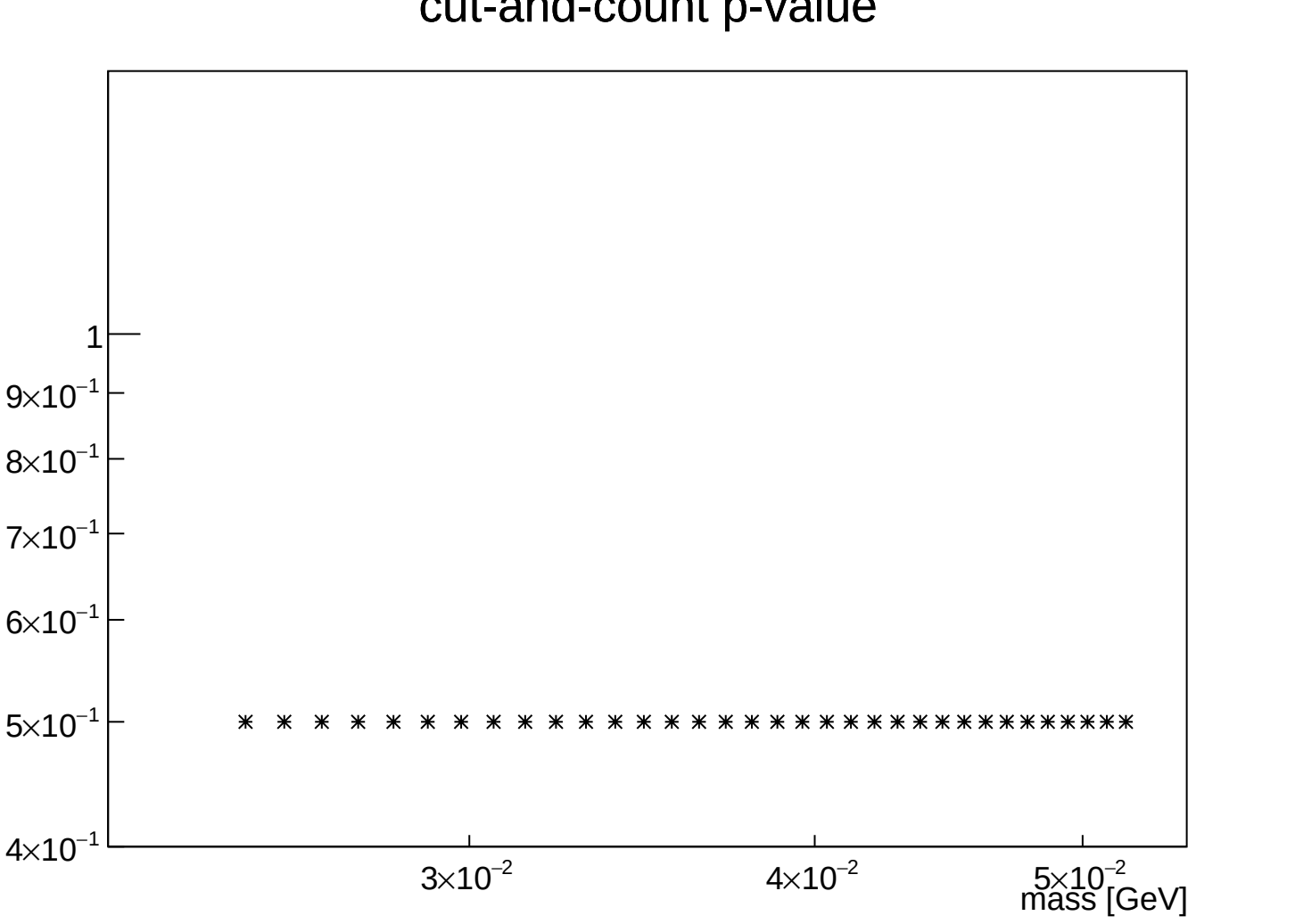

zcut
zcut [mm]
42
40
38
36
34
32
30
28
26
24
22
2×10⁻²
3×10⁻²
4×10⁻²
5×10⁻²
6×10⁻²
mass [GeV]
χ² / ndf 0.2421 / 45
p0 −19.94 ± 1.647
p1 6401 ± 183.5
p2 −2.26e+05 ± 7364
p3 2.998e+06 ± 1.266e+05
p4 −1.355e+07 ± 7.896e+05

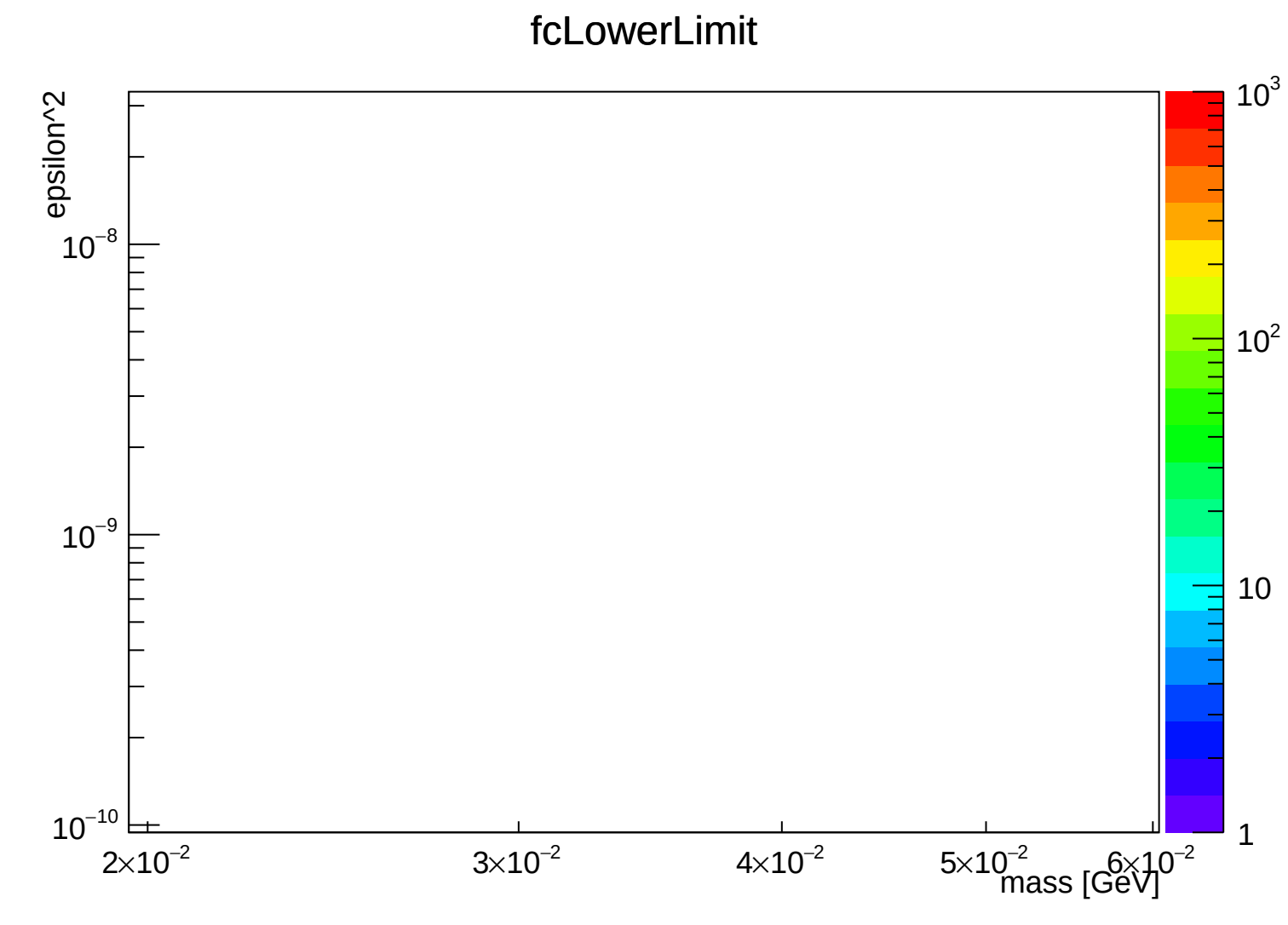

candidate events
counts
1
0.8
0.6
0.4
0.2
0
2×10⁻²
3×10⁻²
4×10⁻²
5×10⁻²
6×10⁻²
mass [GeV]

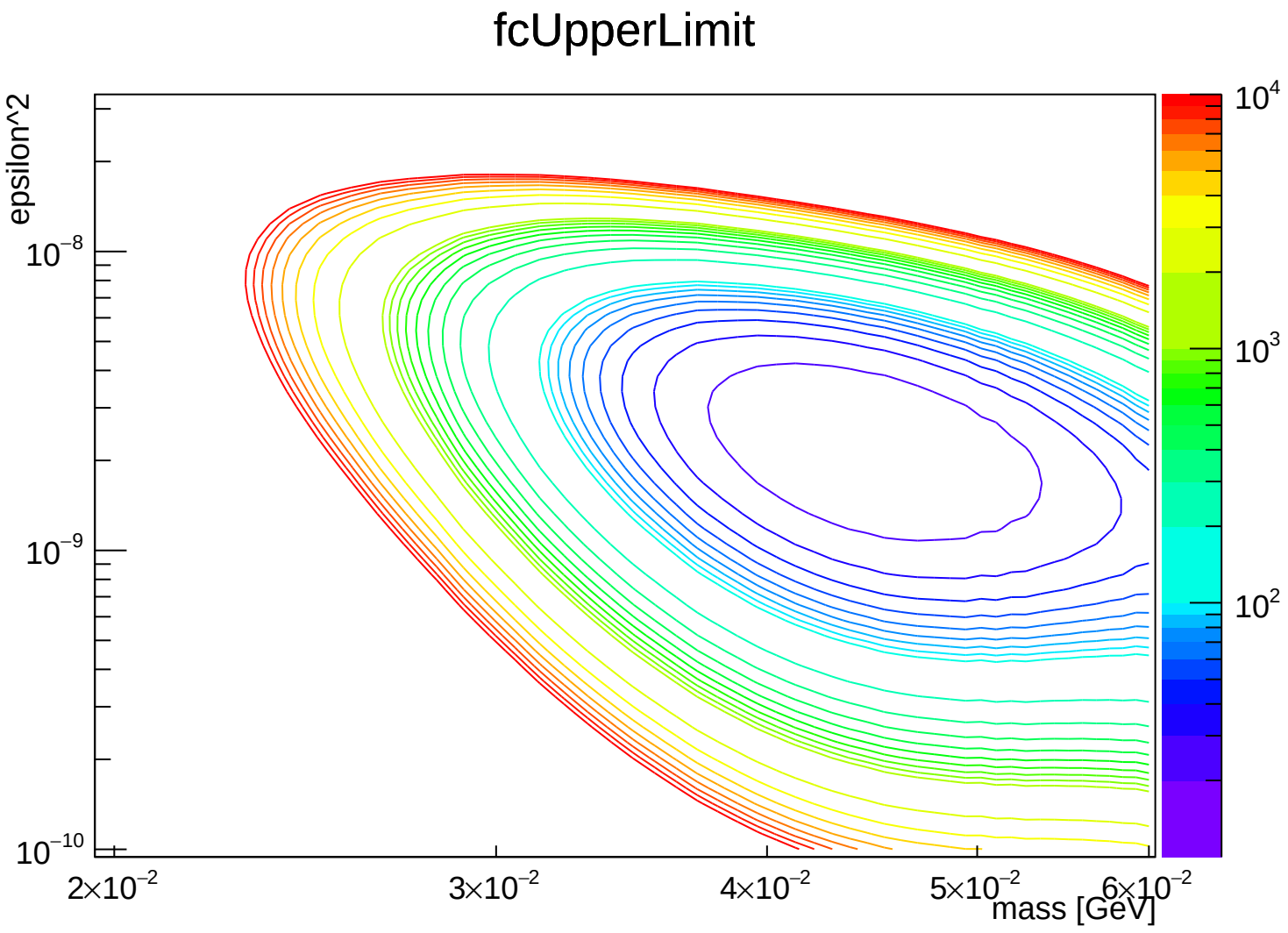

candidate events
χ² / ndf 0 / 47
p0 0 ± 1.739
p1 0 ± 91.99
p2 0 ± 1140
counts
1
0.8
0.6
0.4
0.2
0
2×10⁻²
3×10⁻²
4×10⁻²
5×10⁻²
6×10⁻²
mass [GeV]

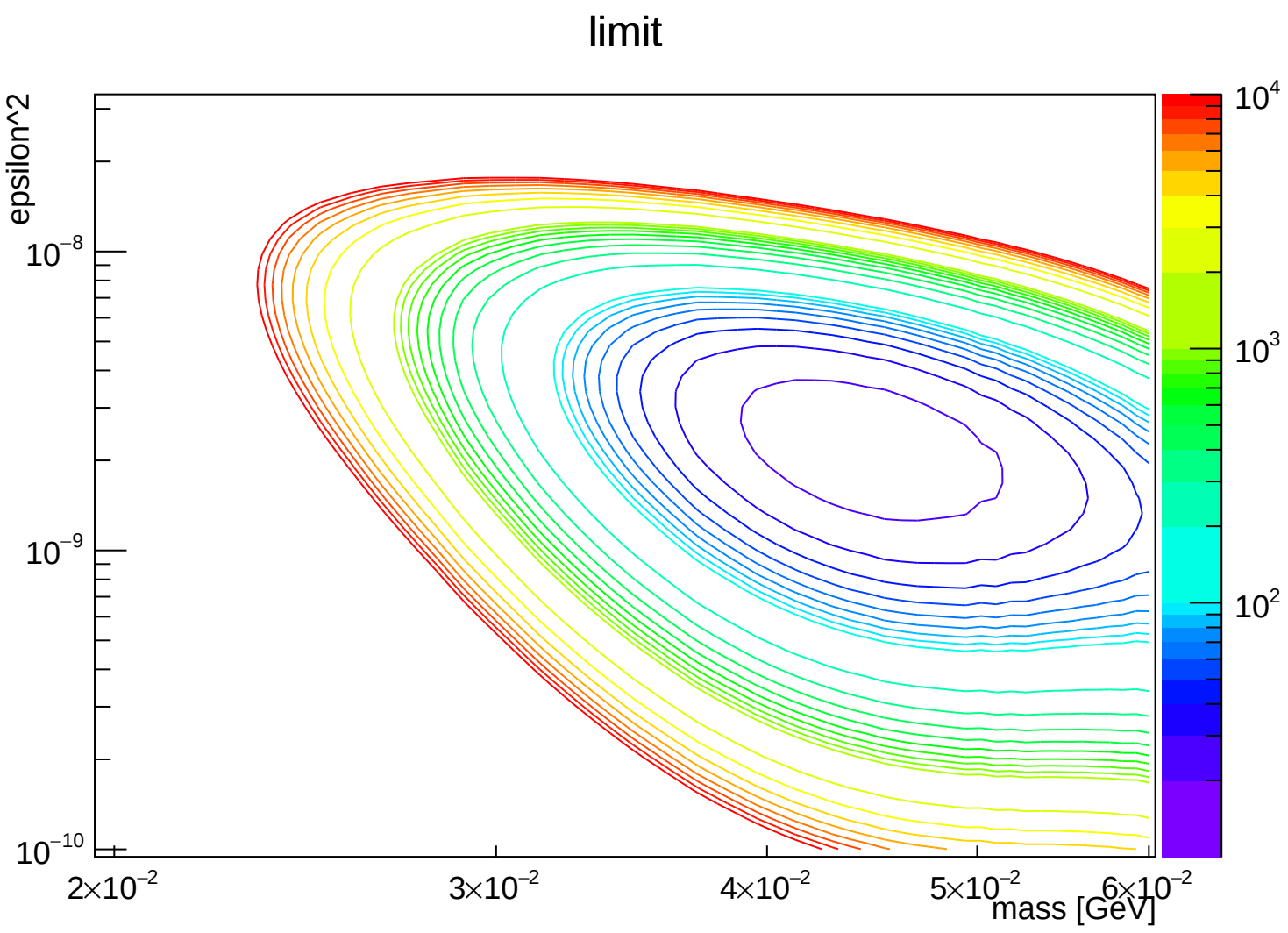

cut-and-count significance
Nsigma
1
0.8
0.6
0.4
0.2
0
3×10^−2
4×10^−2
5×10^−2
mass [GeV]

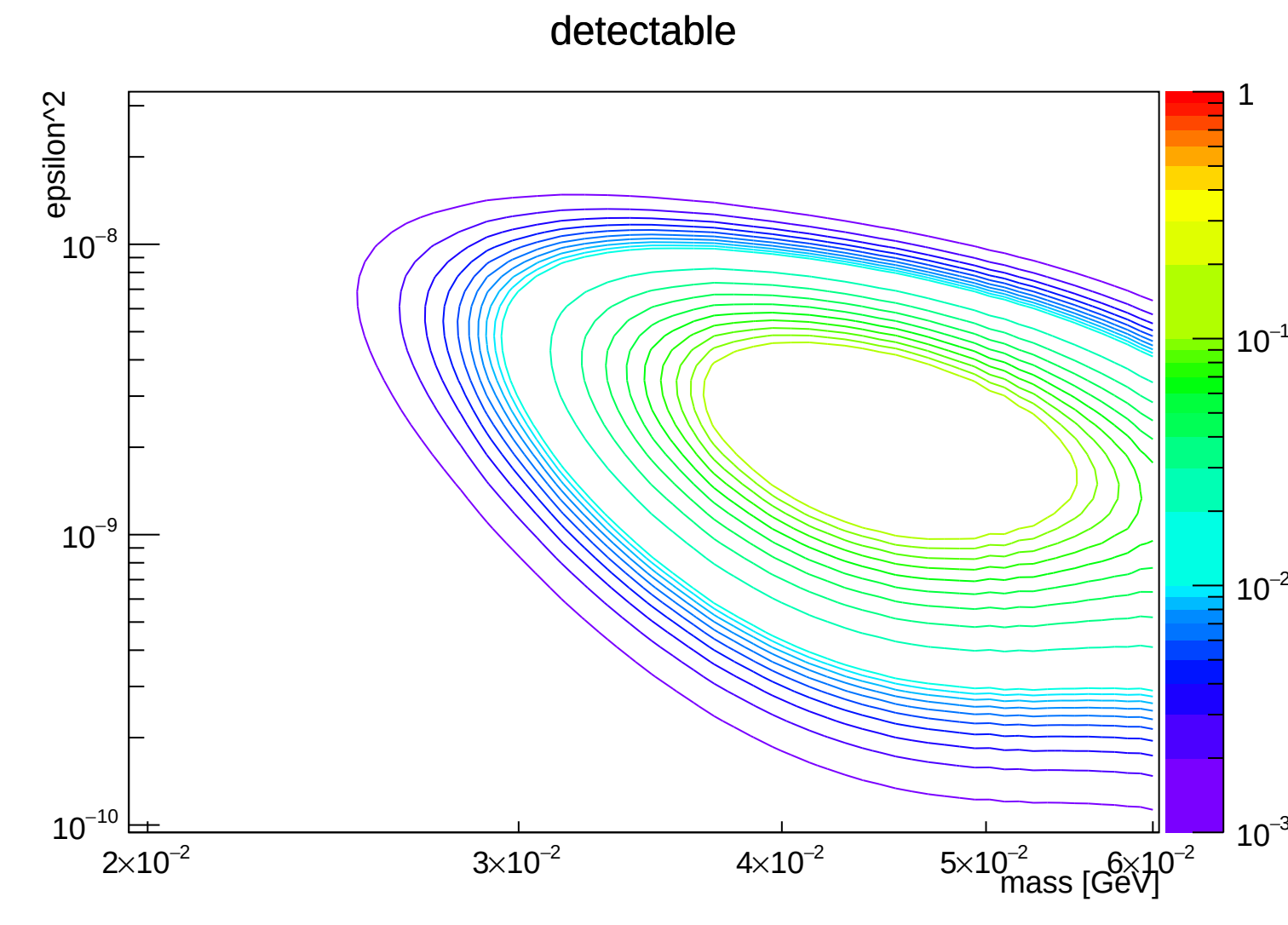

cut-and-count estimated background
counts
1.6
1.4
1.2
1
0.8
0.6
0.4
3×10⁻²
4×10⁻²
5×10⁻²
mass [GeV]

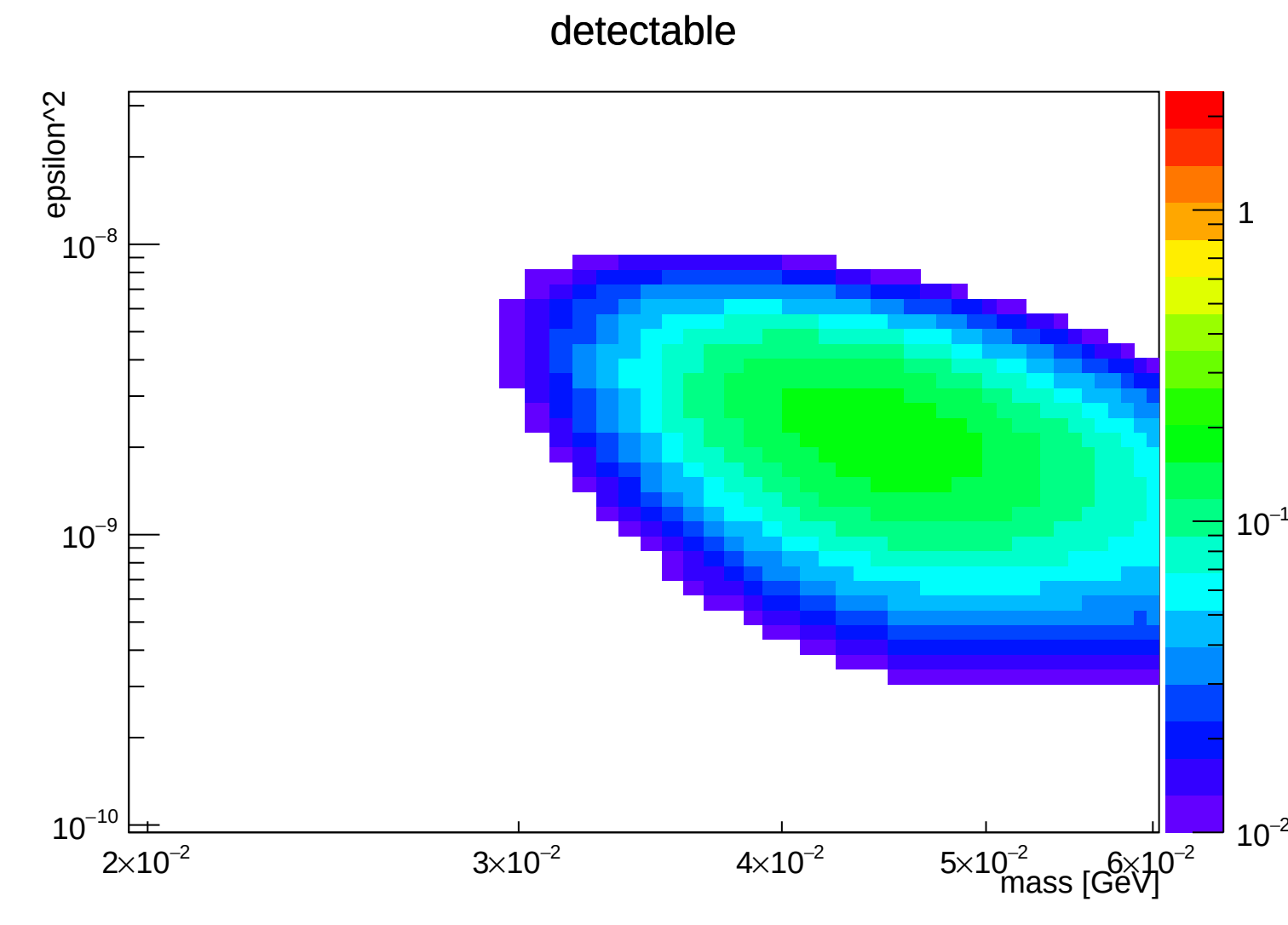

cut-and-count p-value
1
9×10^−1
8×10^−1
7×10^−1
6×10^−1
5×10^−1
4×10^−1
3×10^−2
4×10^−2
5×10^−2
mass [GeV]

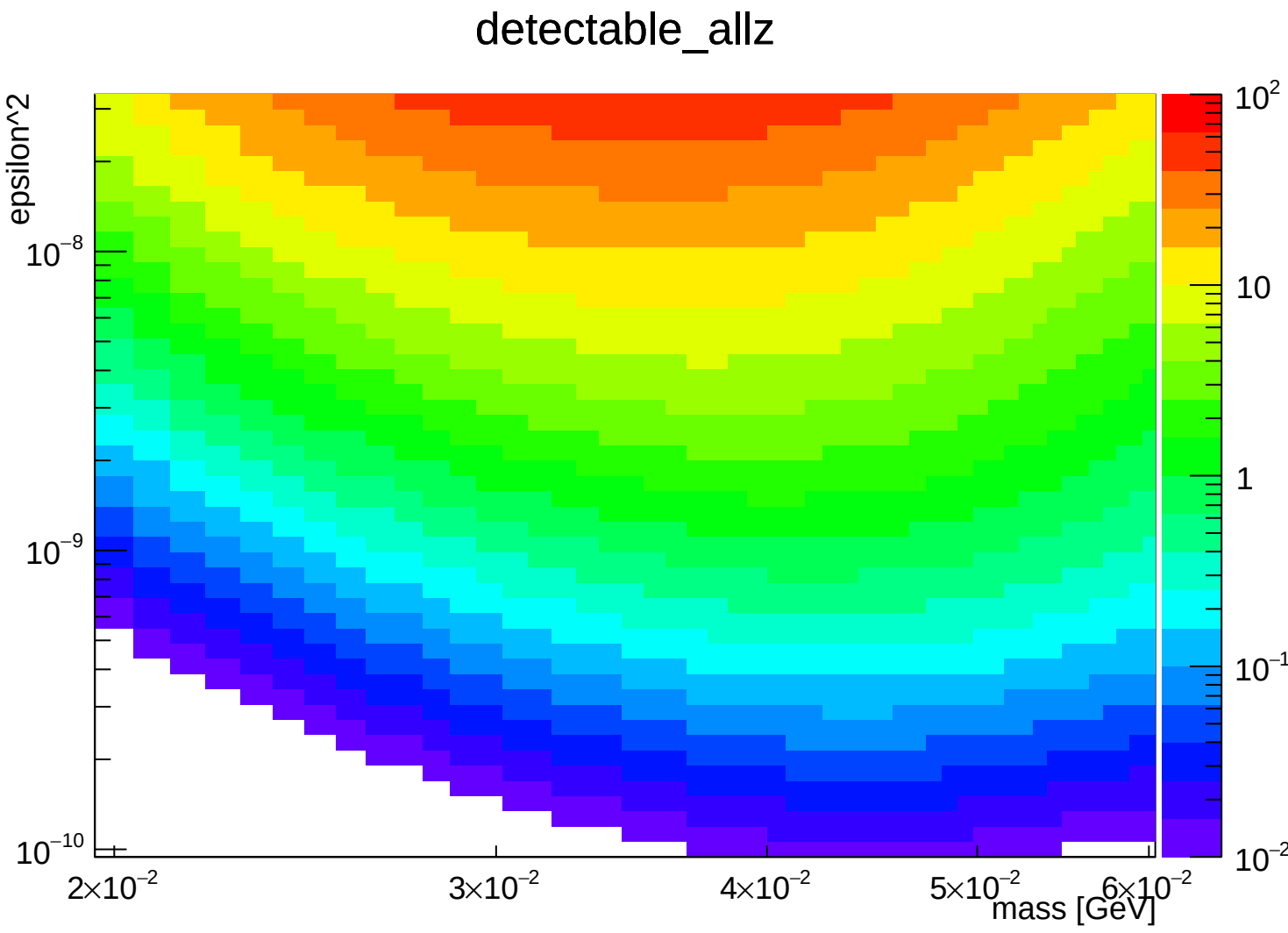

fcLowerLimit
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{3}
10^{2}
10
1

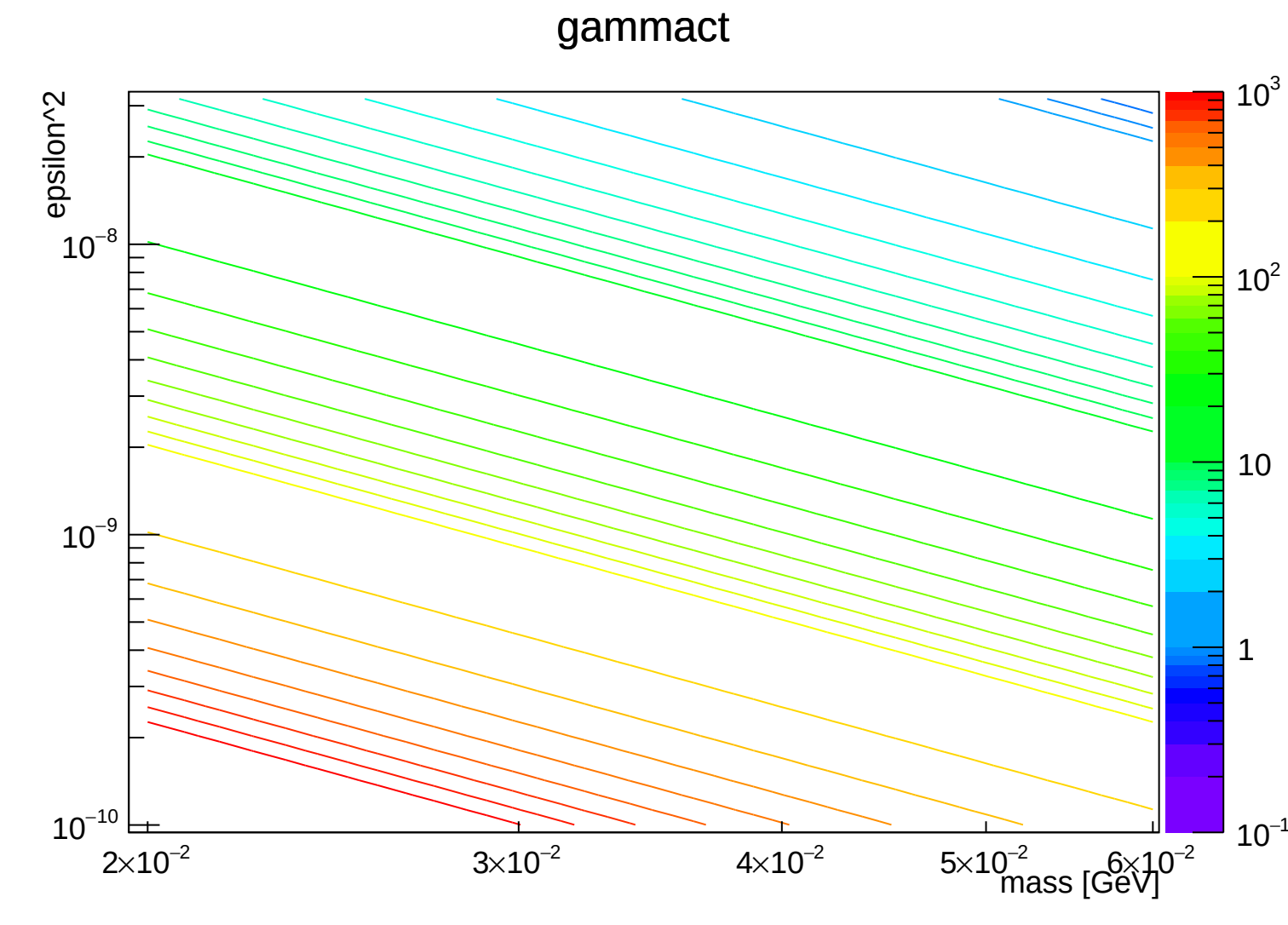

fcUpperLimit
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{4}
10^{3}
10^{2}

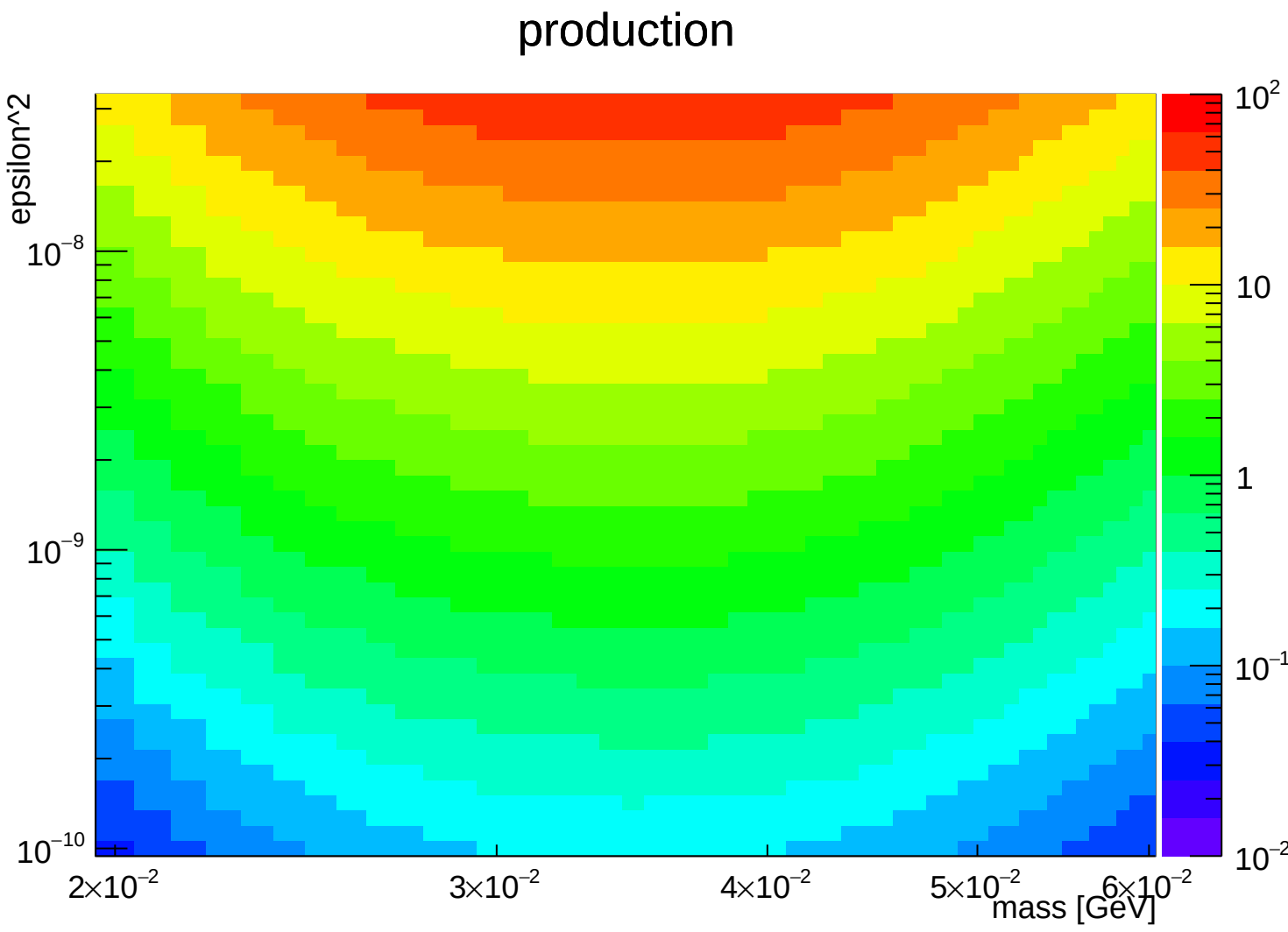

limit
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{4}
10^{3}
10^{2}

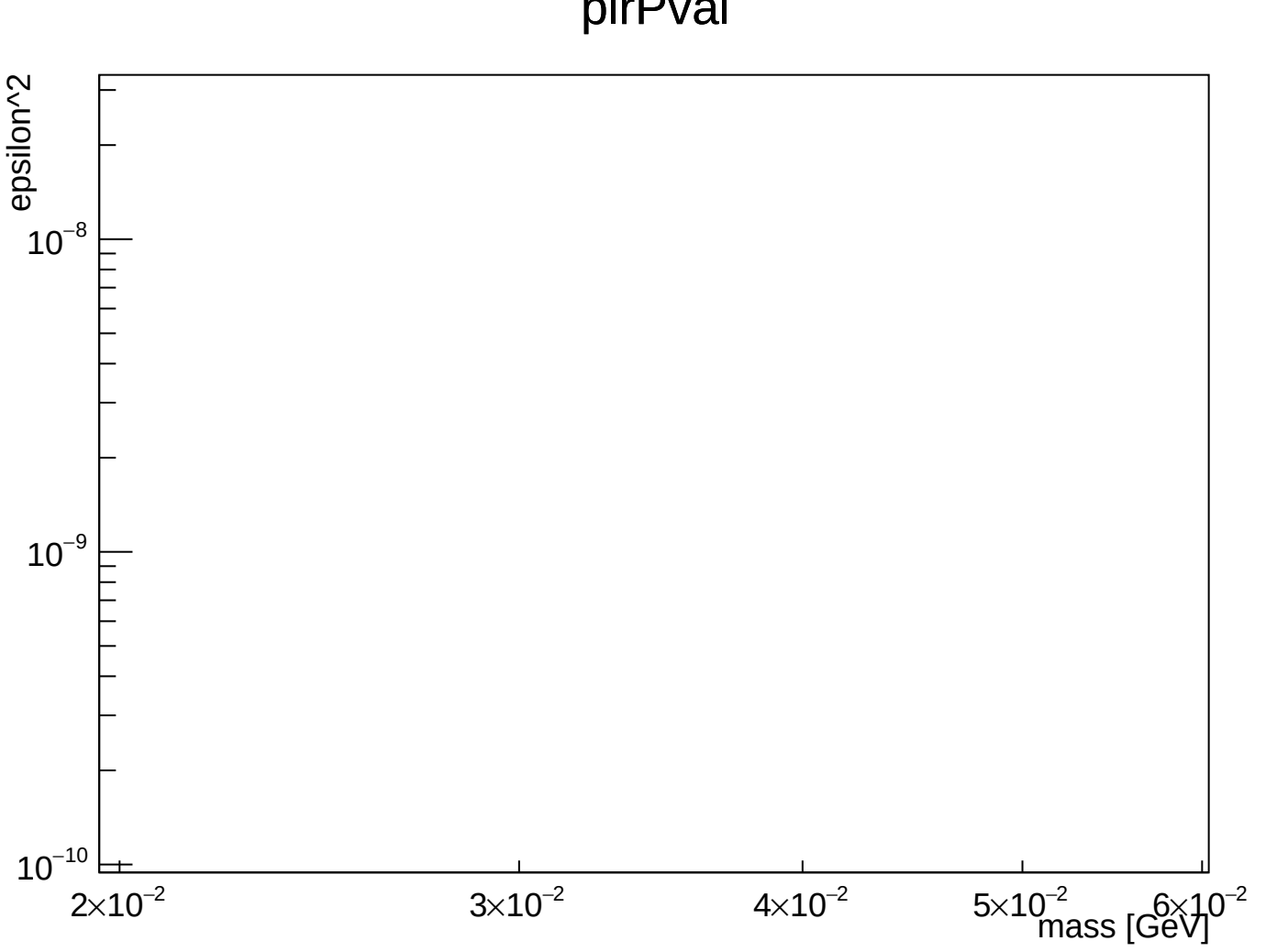

detectable
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
1
10^{-1}
10^{-2}
10^{-3}

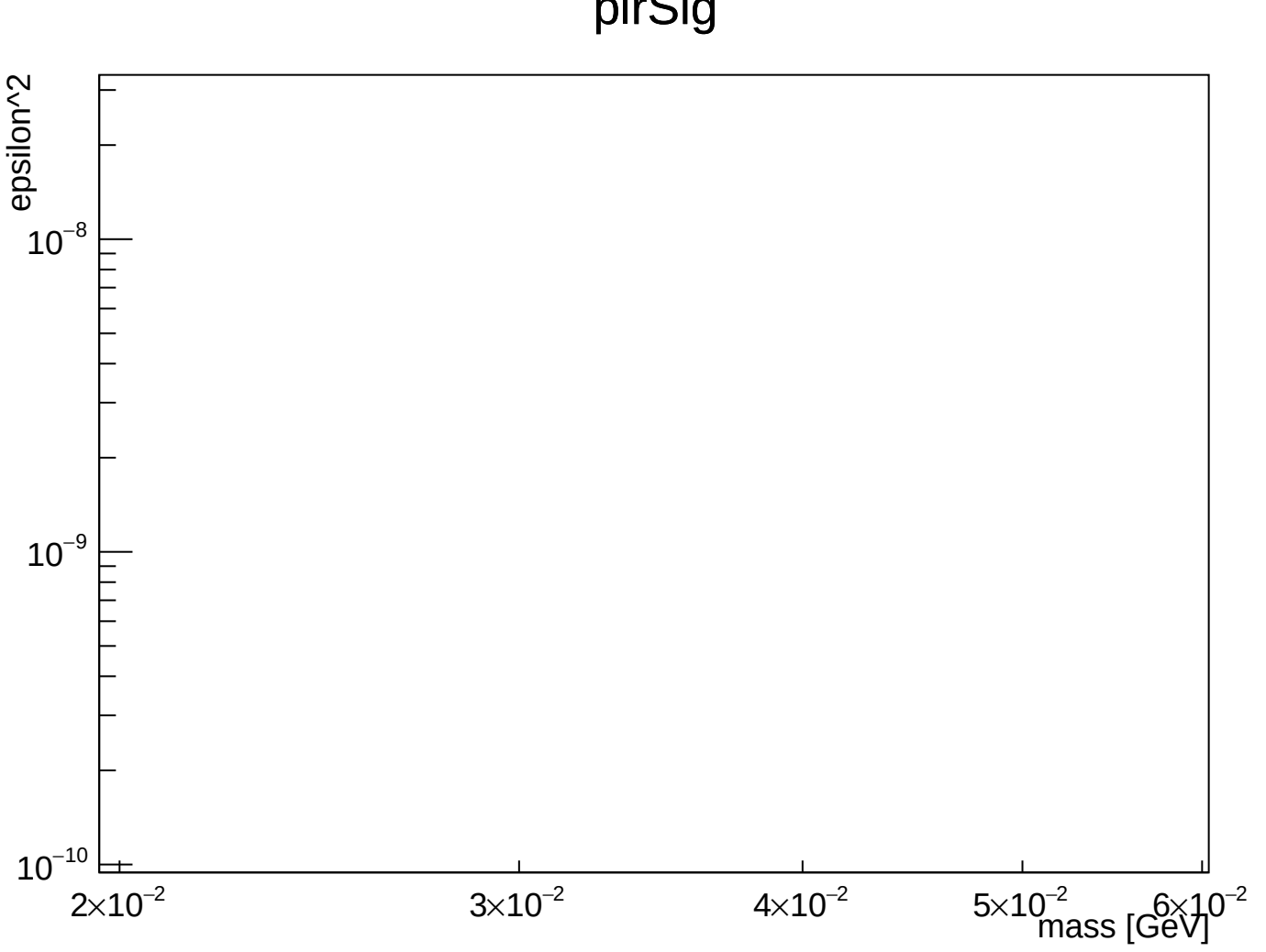

detectable
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
1
10^{-1}
10^{-2}

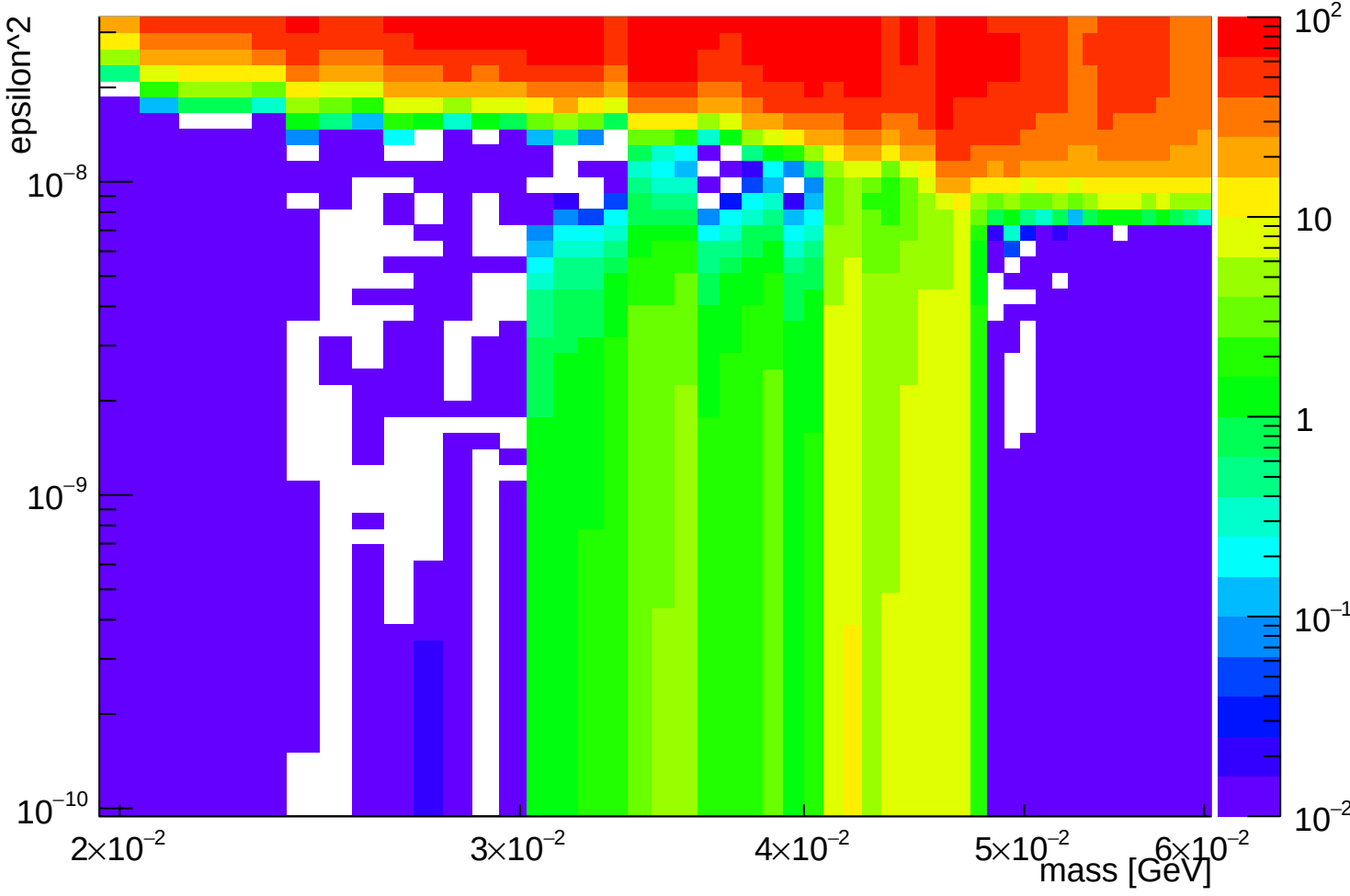

detectable_allz
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{2}
10
1
10^{-1}
10^{-2}


gammact
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{3}
10^{2}
10
1
10^{-1}


production
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{2}
10
1
10^{-1}
10^{-2}


plrPval
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]


plrSig
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]


logplr
epsilon^2
10^{-8}
10^{-9}
10^{-10}
2×10^{-2}
3×10^{-2}
4×10^{-2}
5×10^{-2}
6×10^{-2}
mass [GeV]
10^{2}
10
1
10^{-1}
10^{-2}