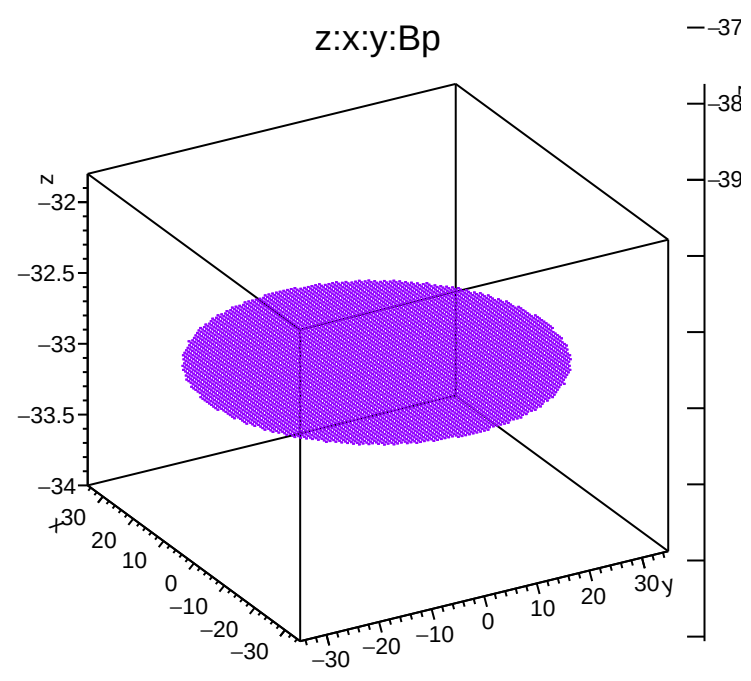
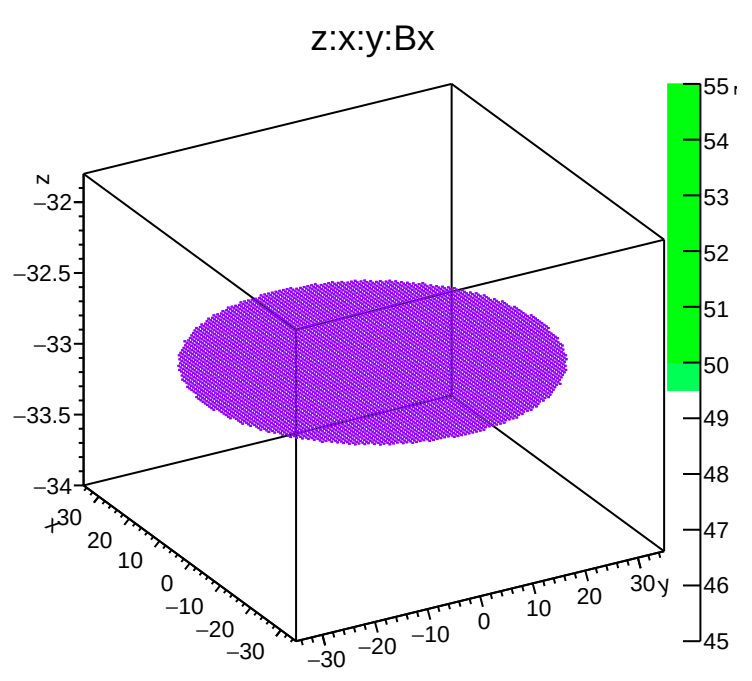
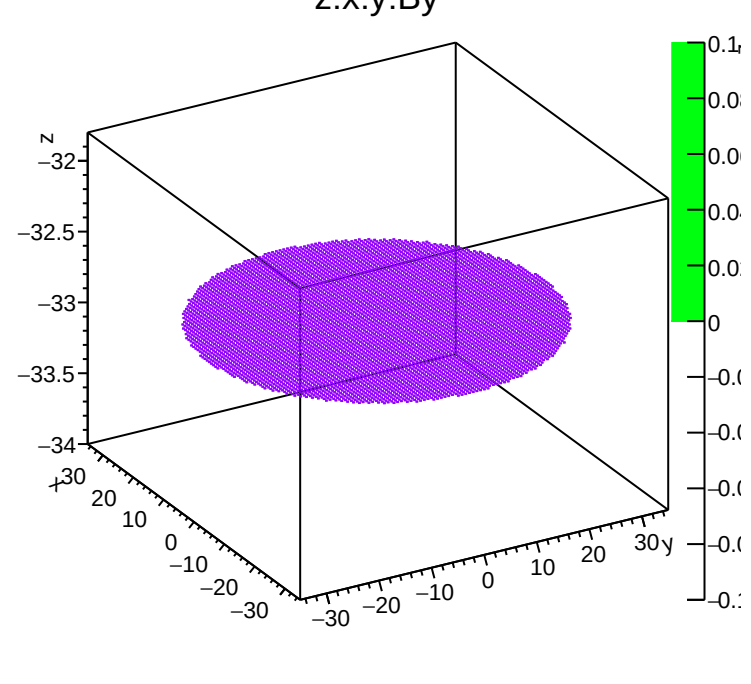
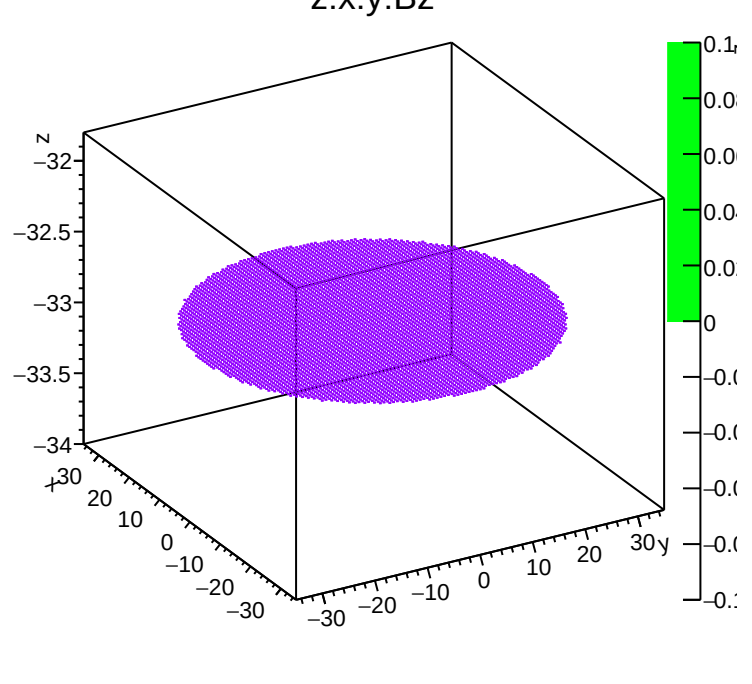
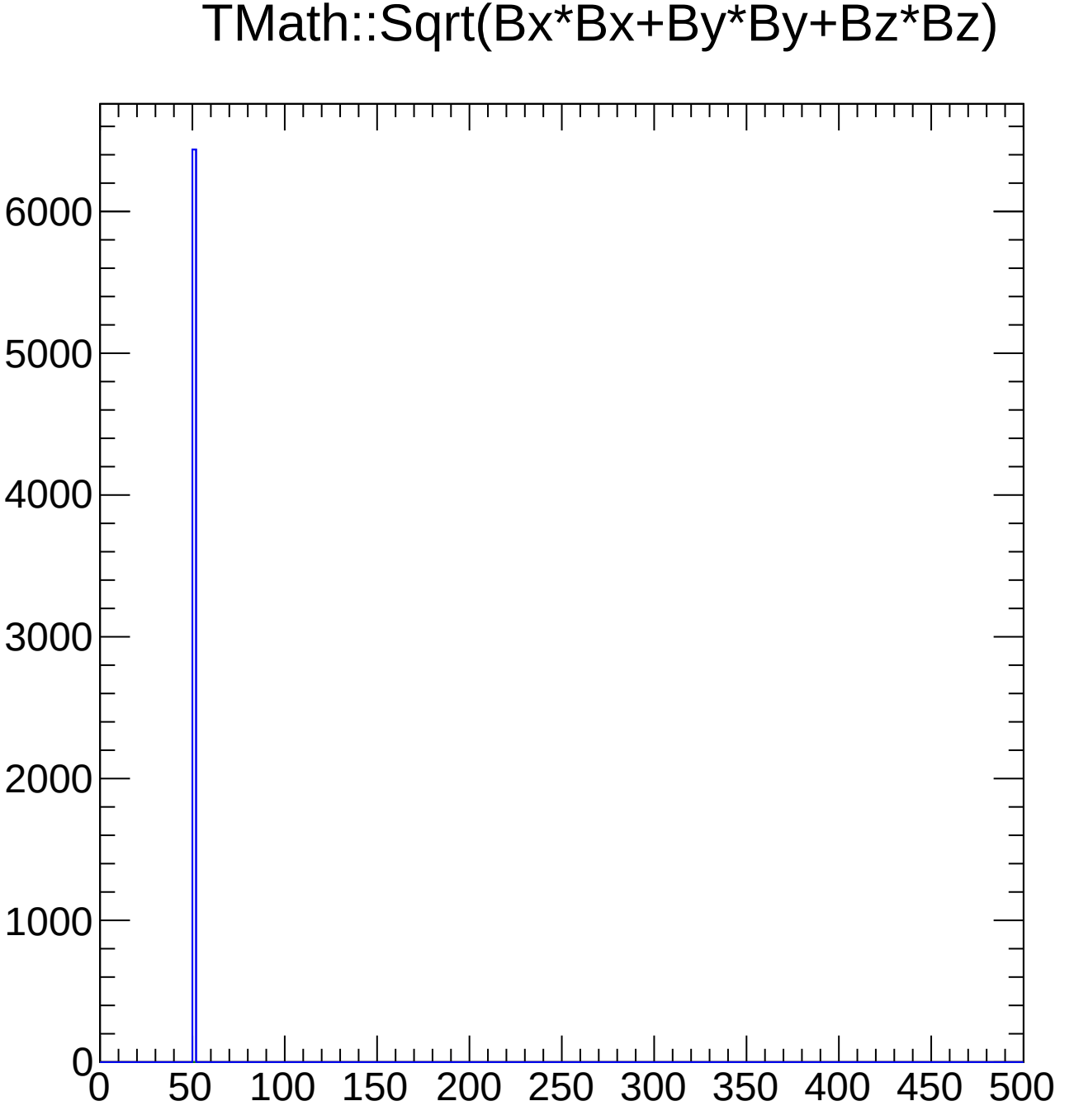
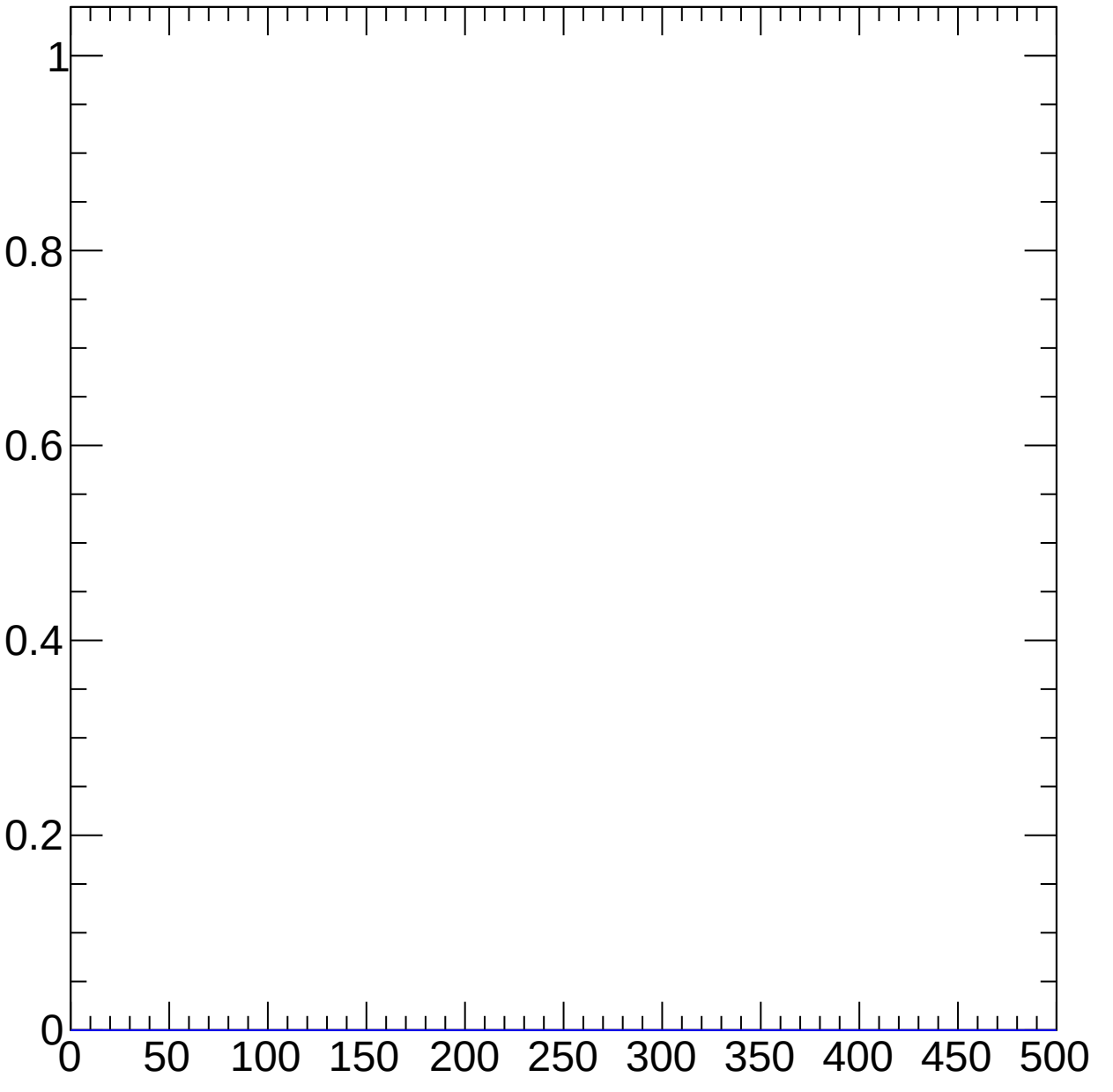

z:x:y:Bp
z
−32
−32.5
−33
−33.5
−34
x
30
20
10
0
−10
−20
−30
−30
−20
−10
0
10
20
30
y
−37
−38
−39

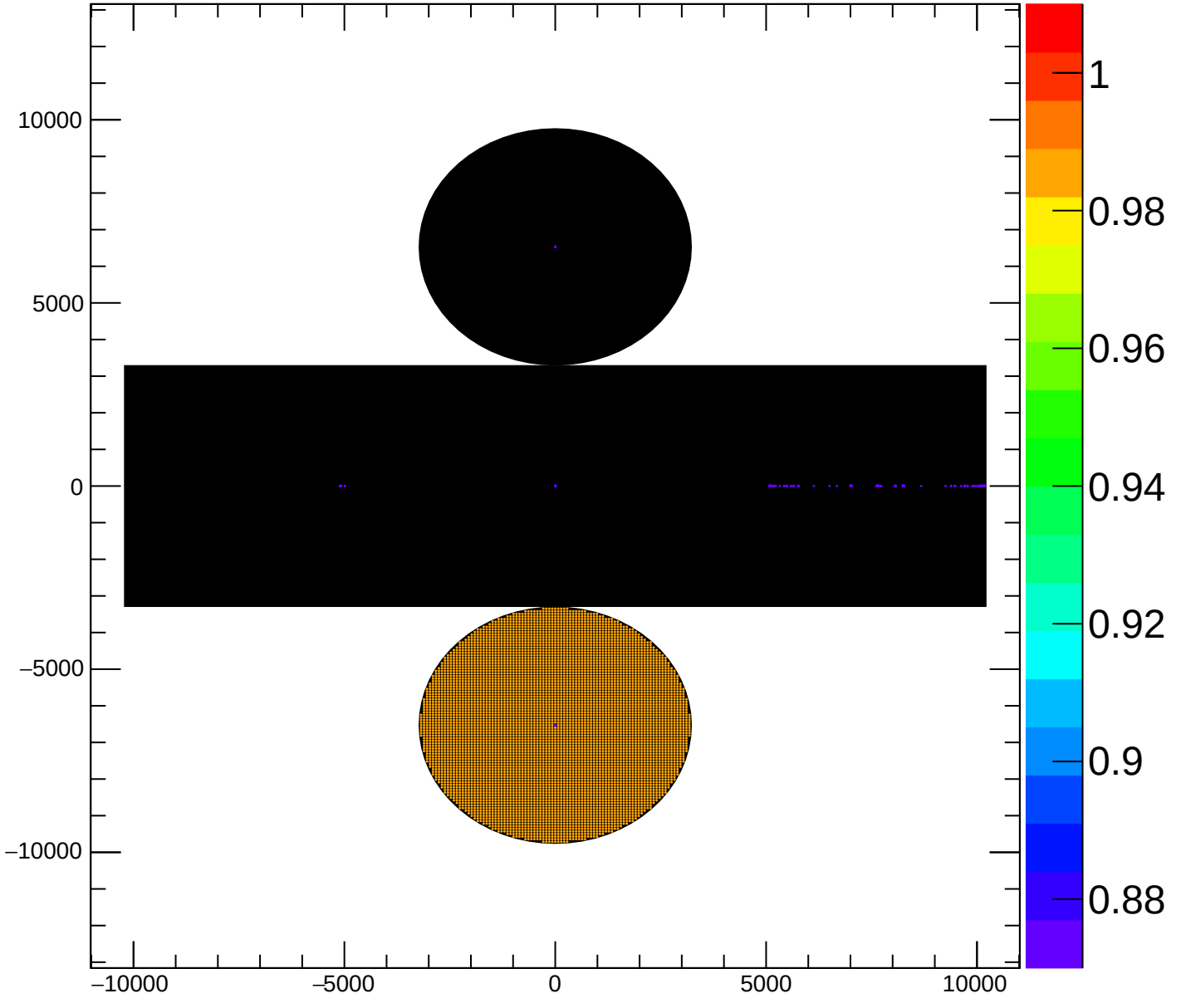

z:x:y:Bx
z
−32
−32.5
−33
−33.5
−34
x
30
20
10
0
−10
−20
−30
−30
−20
−10
0
10
20
30
y
55
54
53
52
51
50
49
48
47
46
45


z:x:y:By
z
−32
−32.5
−33
−33.5
−34
x
30
20
10
0
−10
−20
−30
−30
−20
−10
0
10
20
30
y
0.1
0.0
0.0
0.0
0.0
0
−0.(
−0.(
−0.(
−0.(
−0.:

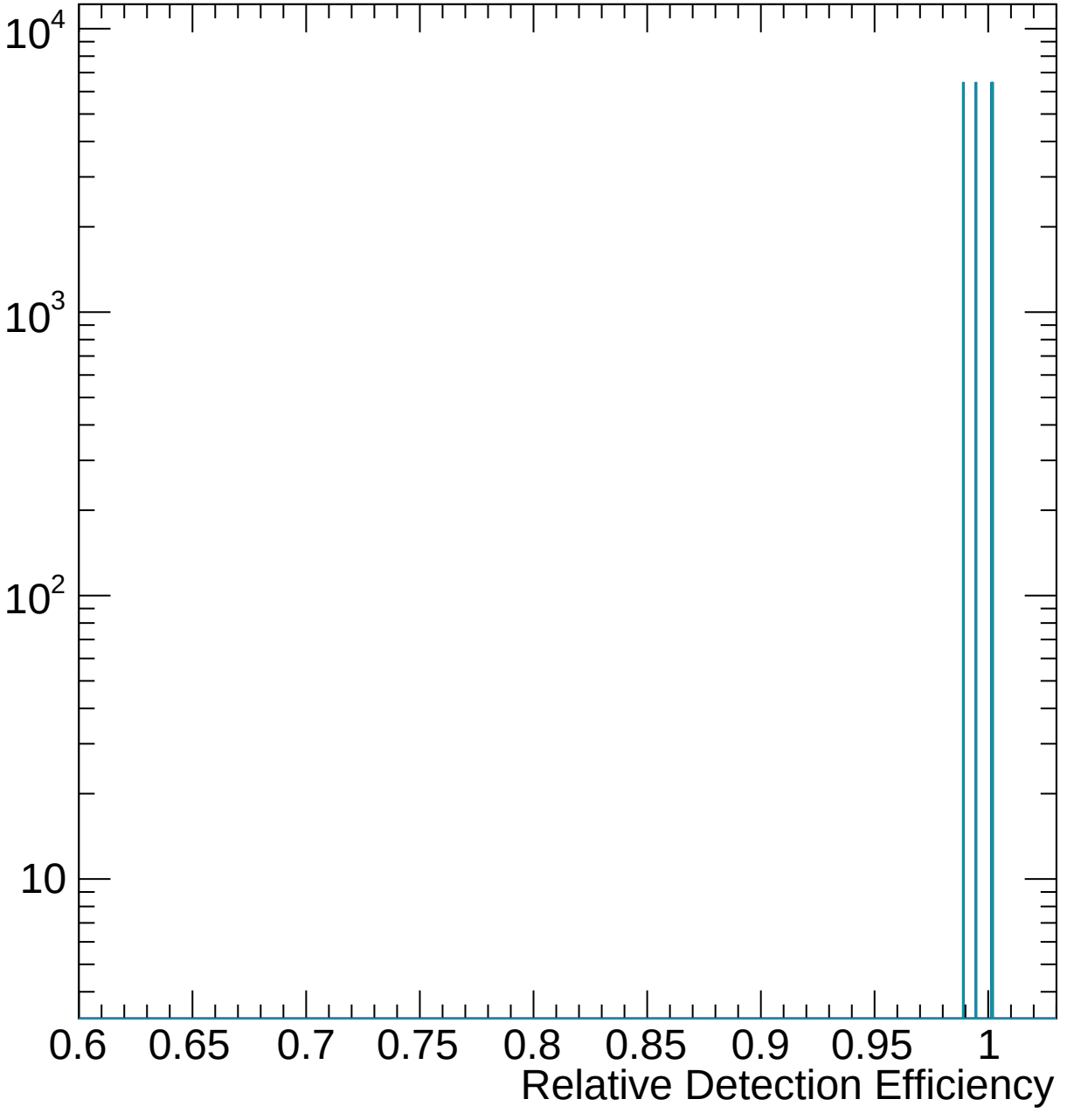

z:x:y:Bz
z
−32
−32.5
−33
−33.5
−34
x
30
20
10
0
−10
−20
−30
−30
−20
−10
0
10
20
30
y
0.1
0.0
0.0
0.0
0.0
0
−0.(
−0.(
−0.(
−0.(
−0.:

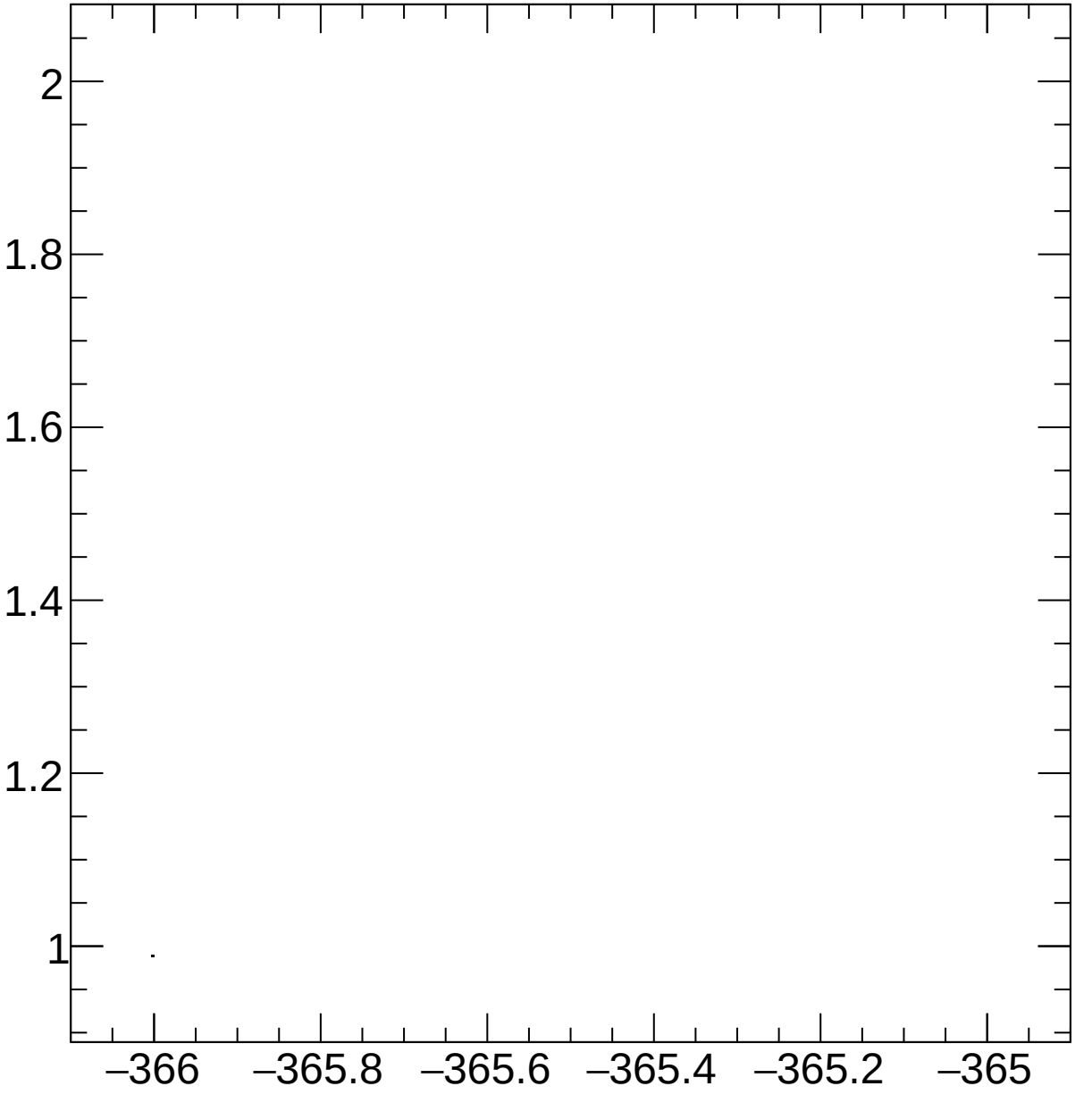

TMath::Sqrt(Bx*Bx+By*By+Bz*Bz)
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
250
300
350
400
450
500

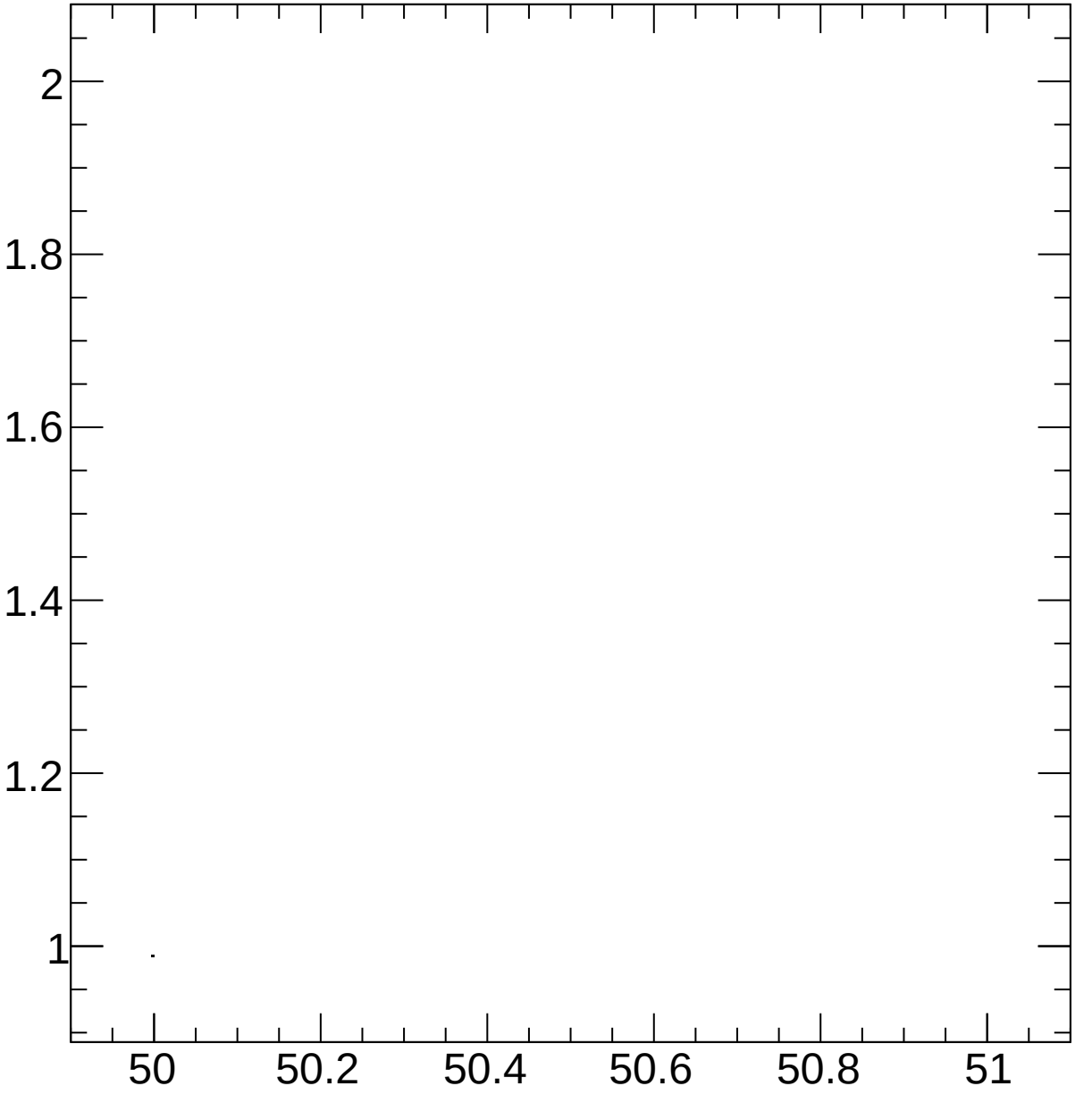

TMath::Sqrt(Bx*Bx+By*By+Bz*Bz)
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
350
400
450
500

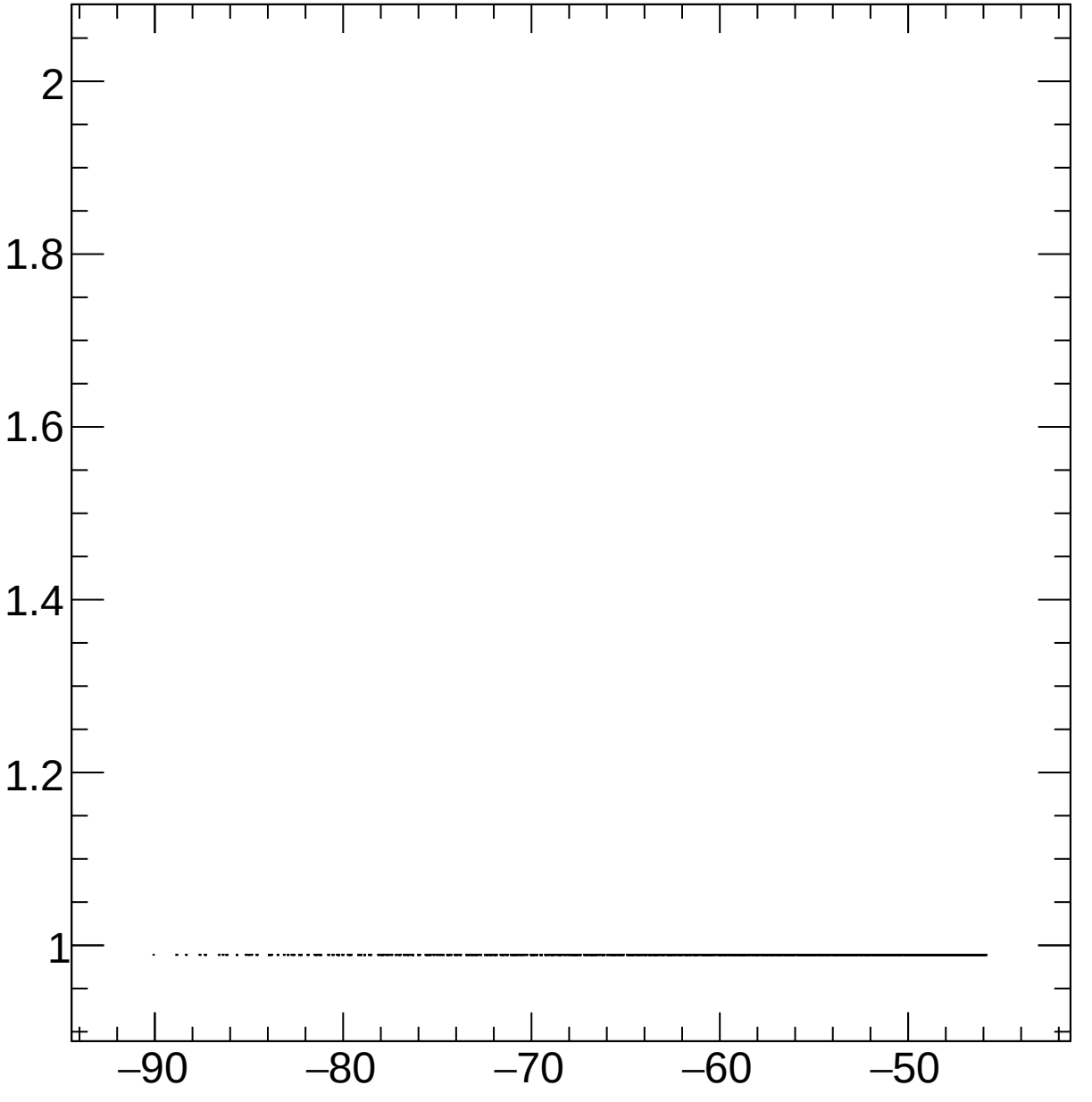

10000
5000
0
−5000
−10000
−10000
−5000
0
5000
10000
1
0.98
0.96
0.94
0.92
0.9
0.88

Relative Detection Efficiency




2
1.8
1.6
1.4
1.2
1
–366
–365.8
–365.6
–365.4
–365.2
–365


2
1.8
1.6
1.4
1.2
1
50
50.2
50.4
50.6
50.8
51


2
1.8
1.6
1.4
1.2
1
–90
–80
–70
–60
–50