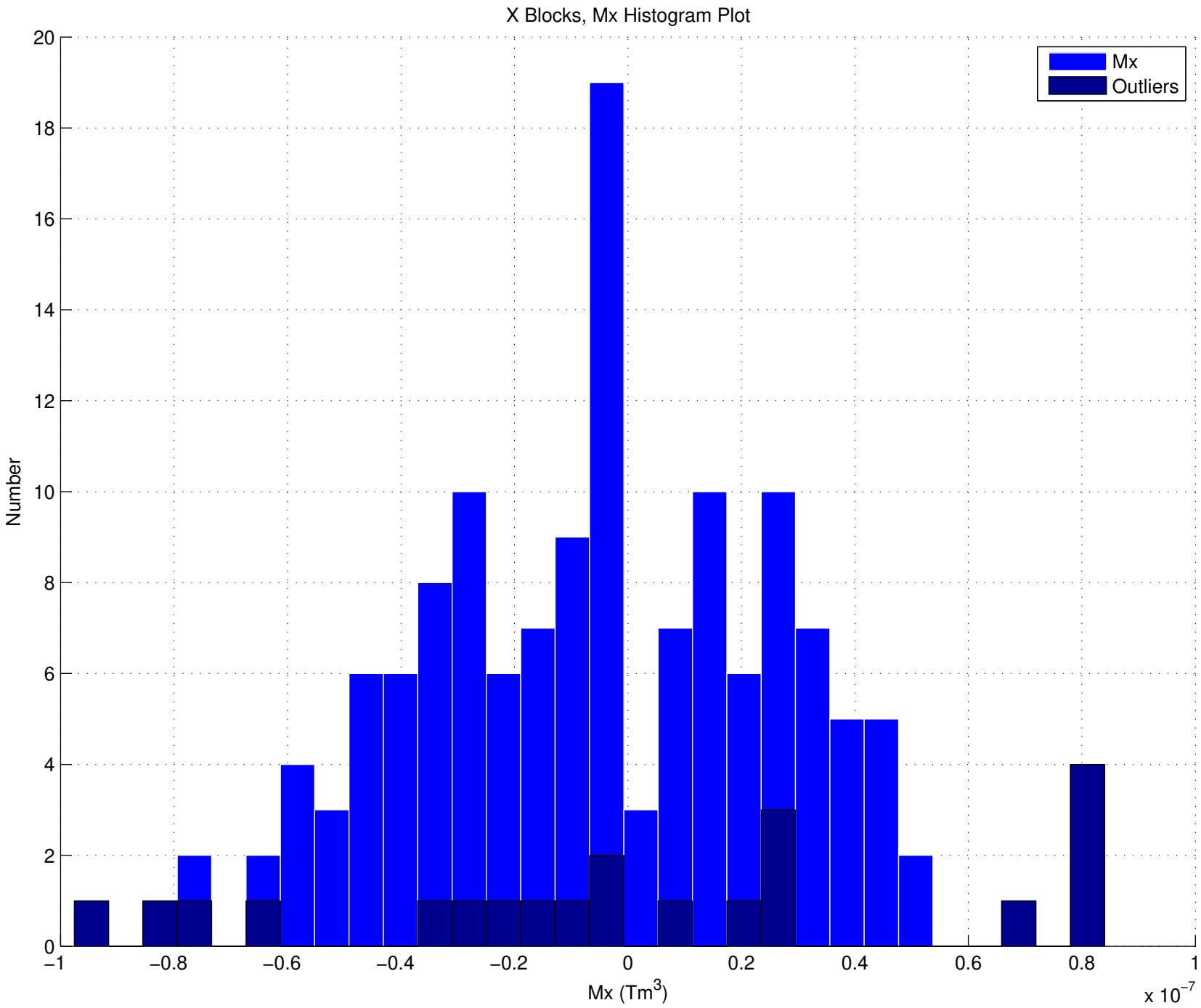
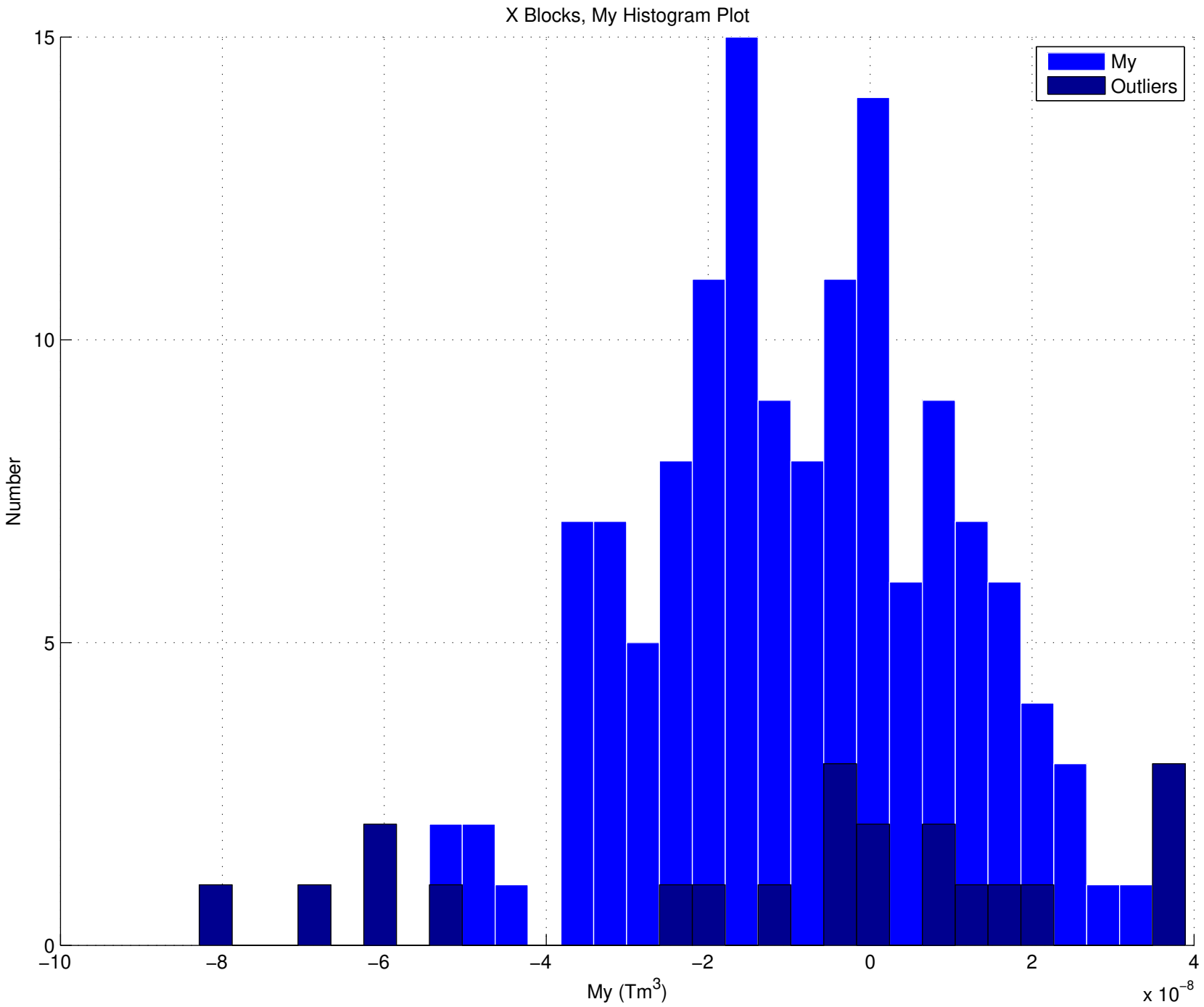
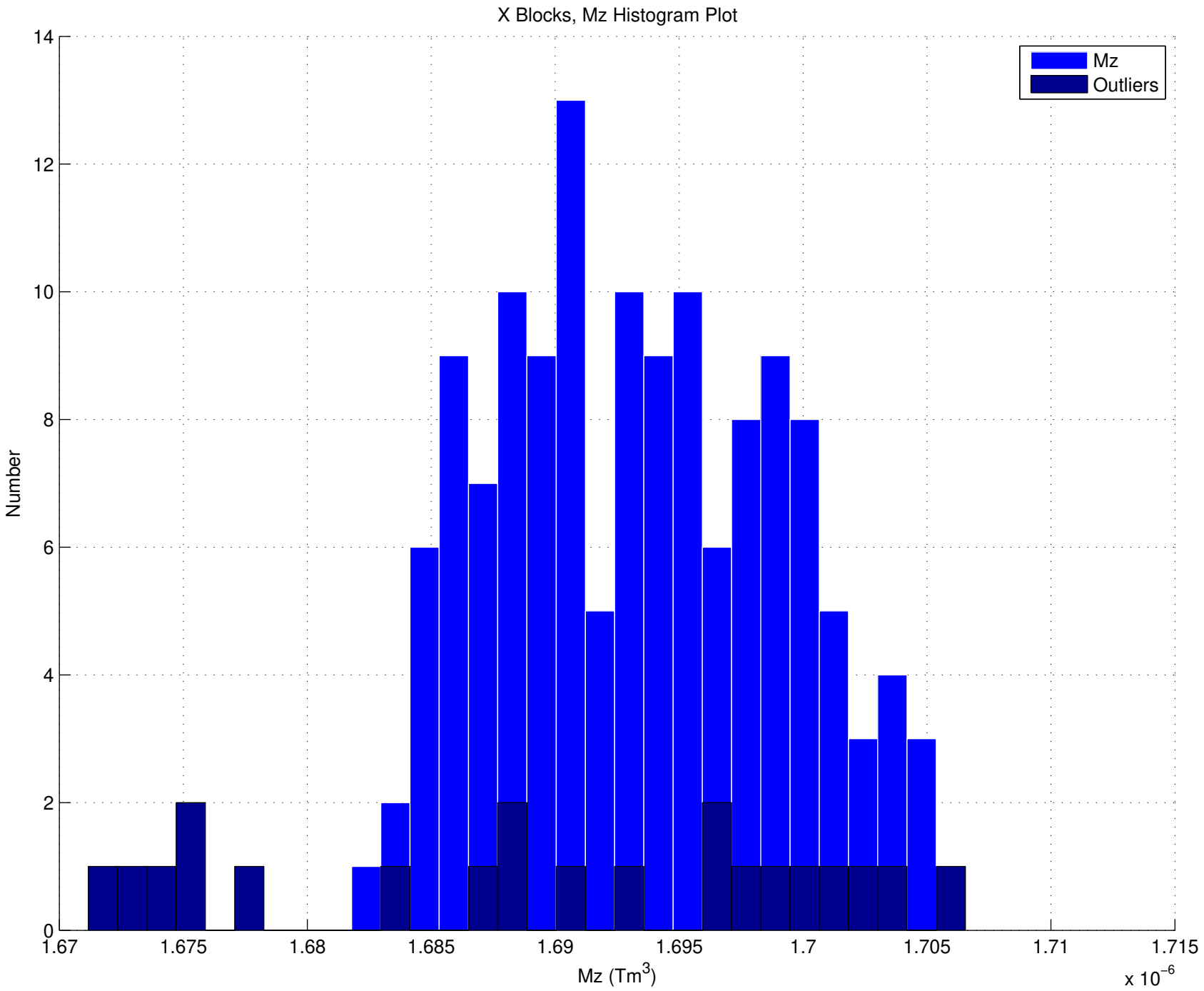
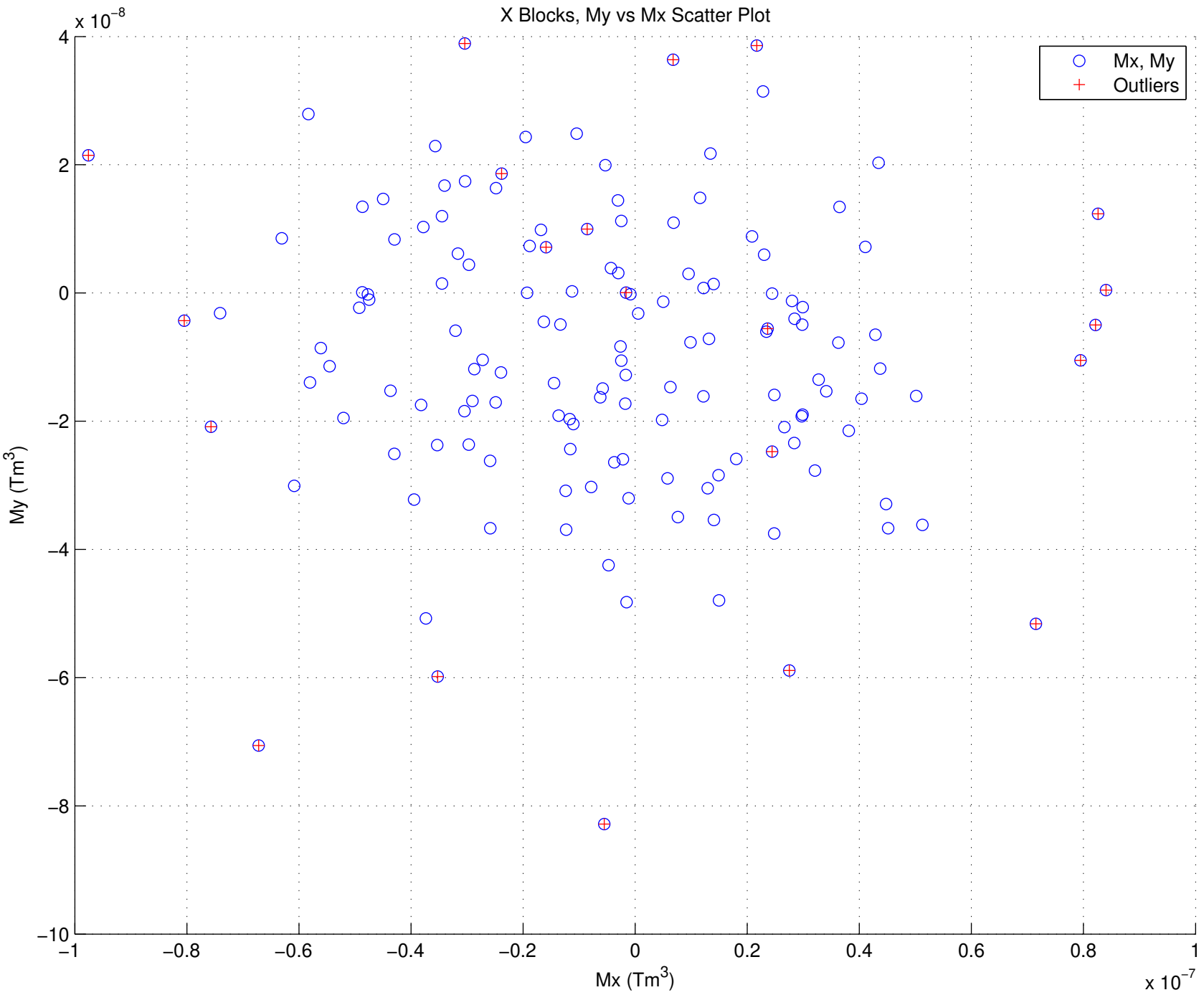
SLAC Magnetic Measurements

Horizontally Magnetized Block Sort Analysis
−−−


X Blocks, Mx Histogram Plot
Mx
Outliers
Number
Mx (Tm3)
x 10−7
20
18
16
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1


X Blocks, My Histogram Plot
My
Outliers
Number
15
10
5
0
−10
−8
−6
−4
−2
0
2
4
My (Tm3)
x 10−8


X Blocks, Mz Histogram Plot
Mz
Outliers
Number
0
2
4
6
8
10
12
14
1.67
1.675
1.68
1.685
1.69
1.695
1.7
1.705
1.71
1.715
Mz (Tm3)
x 10−6


X Blocks, My vs Mx Scatter Plot
x 10^-8
4
2
0
−2
−4
−6
−8
−10
My (Tm^3)
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
Mx (Tm^3)
x 10^-7
Mx, My
Outliers