SLAC Magnetic Measurements

Horizontally Magnetized Block Sort Analysis
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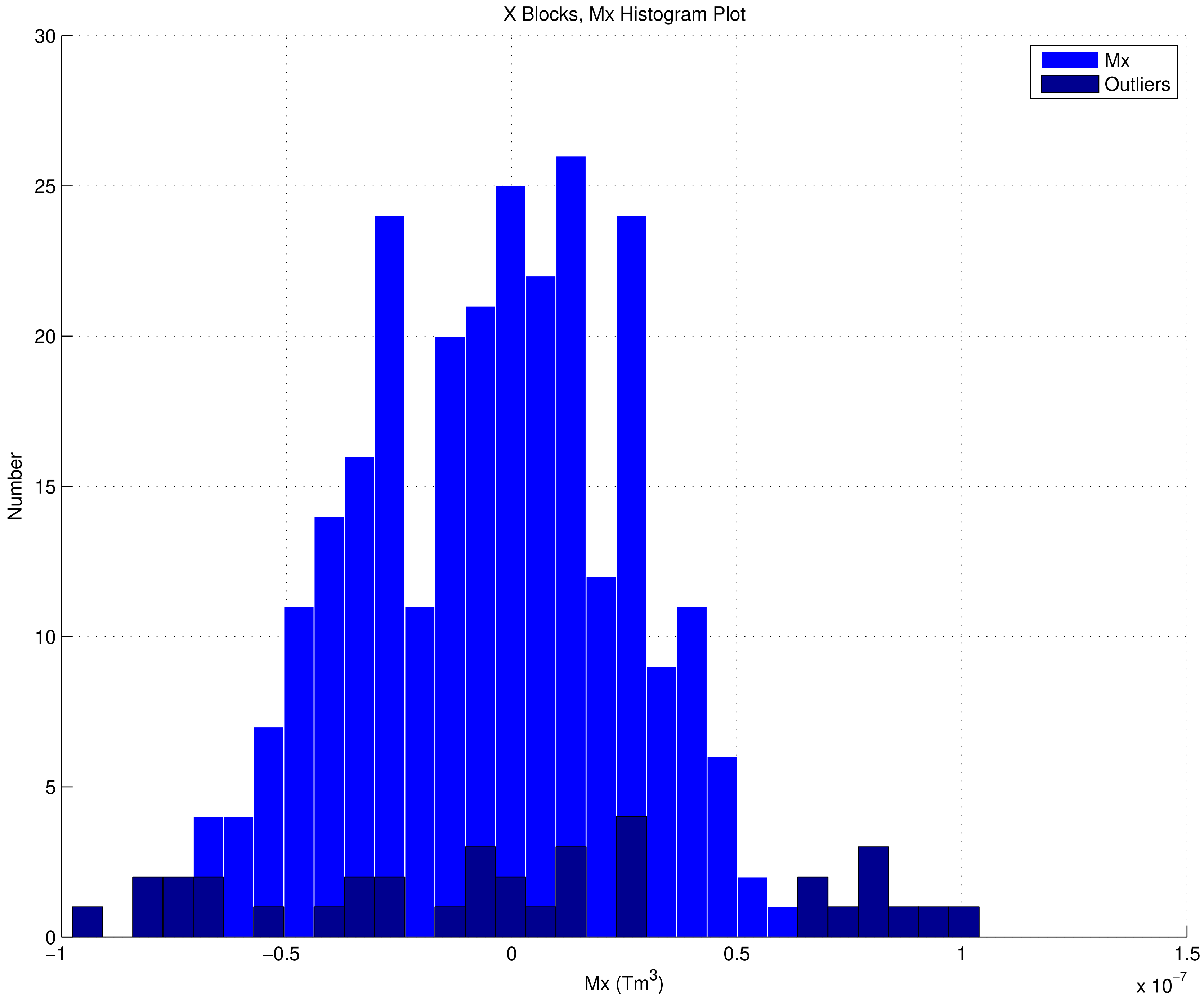
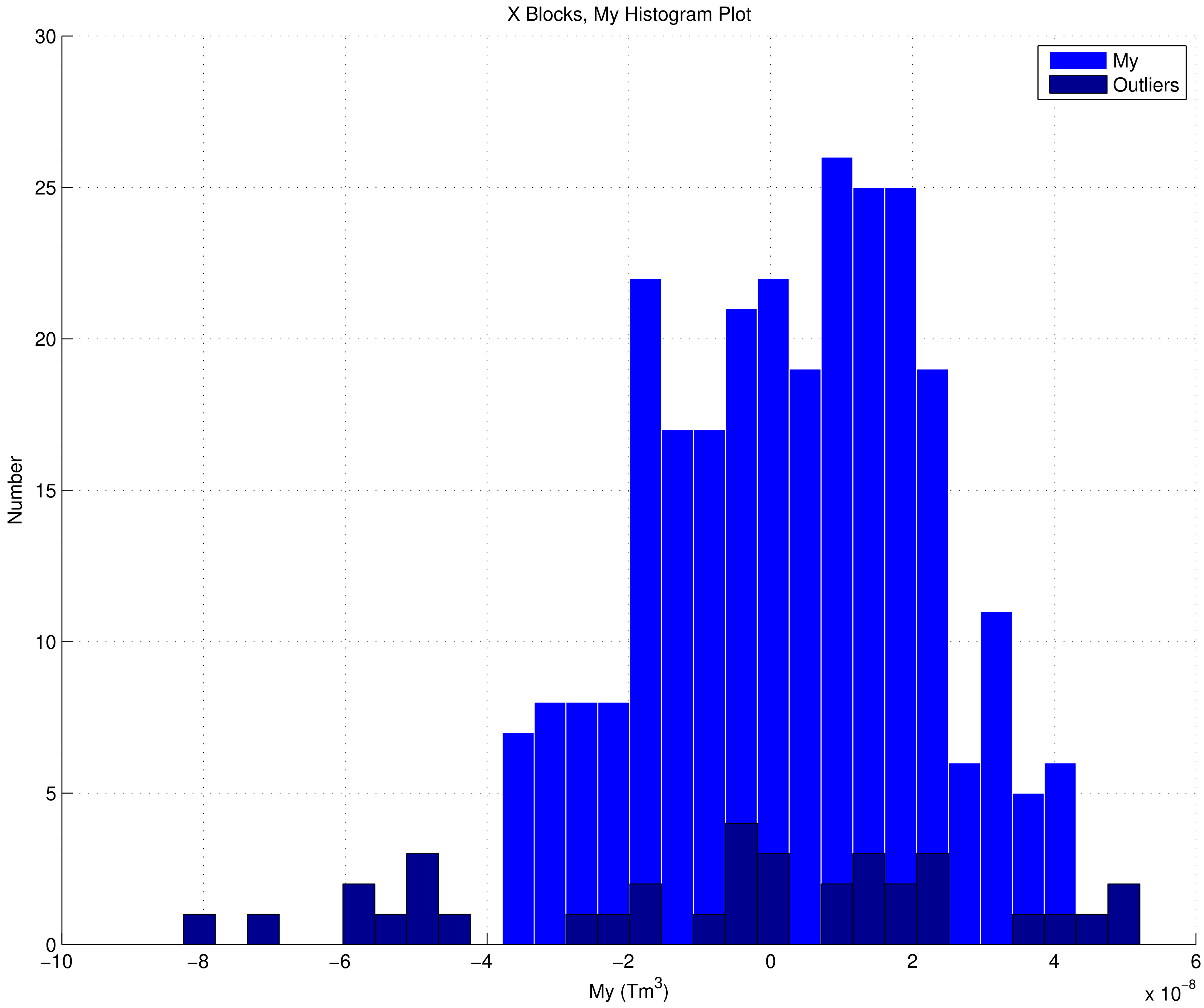
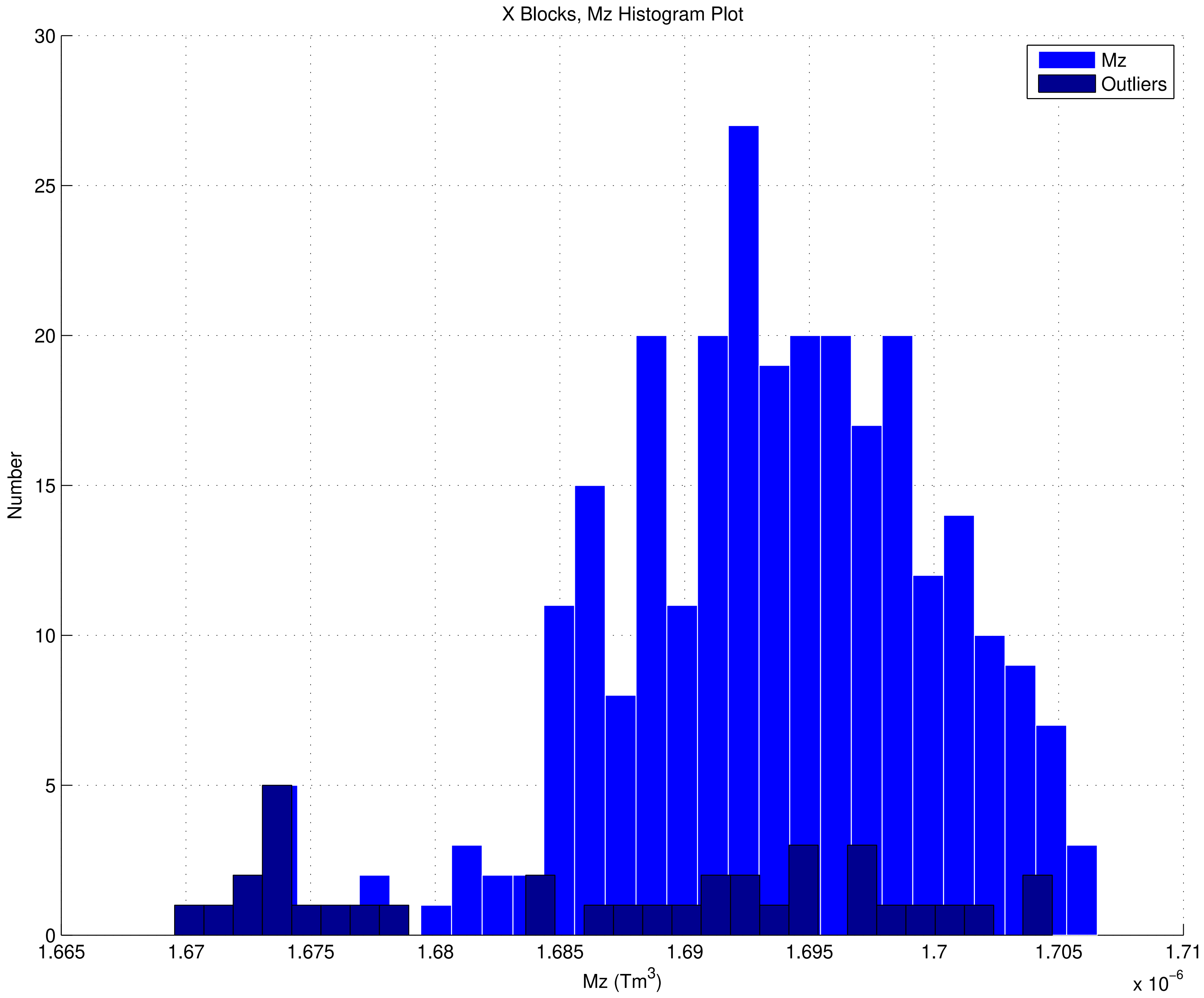
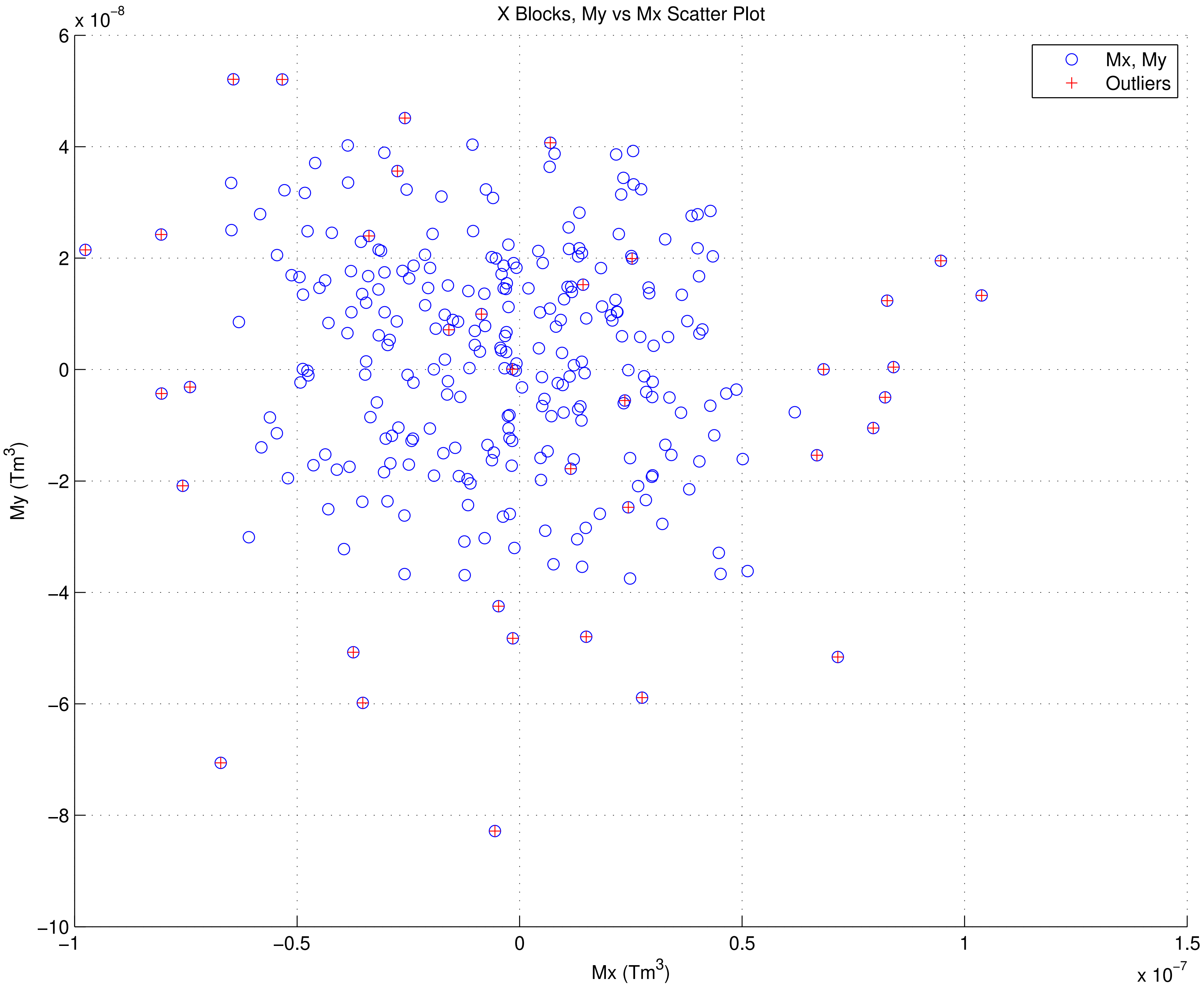
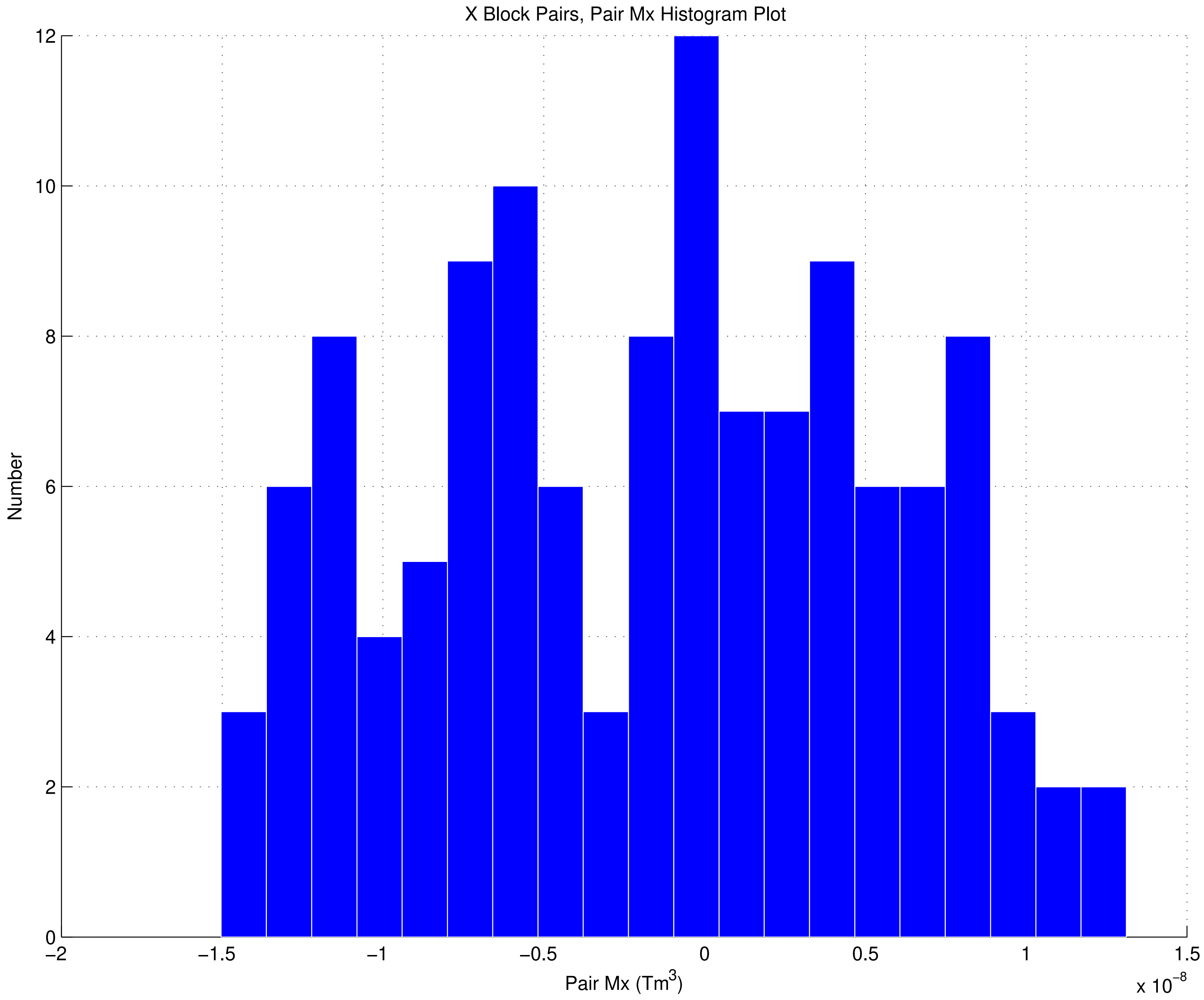
Parameters:
OUTPUT−FILE−DIR =c:\magdata\aa−int block sort results

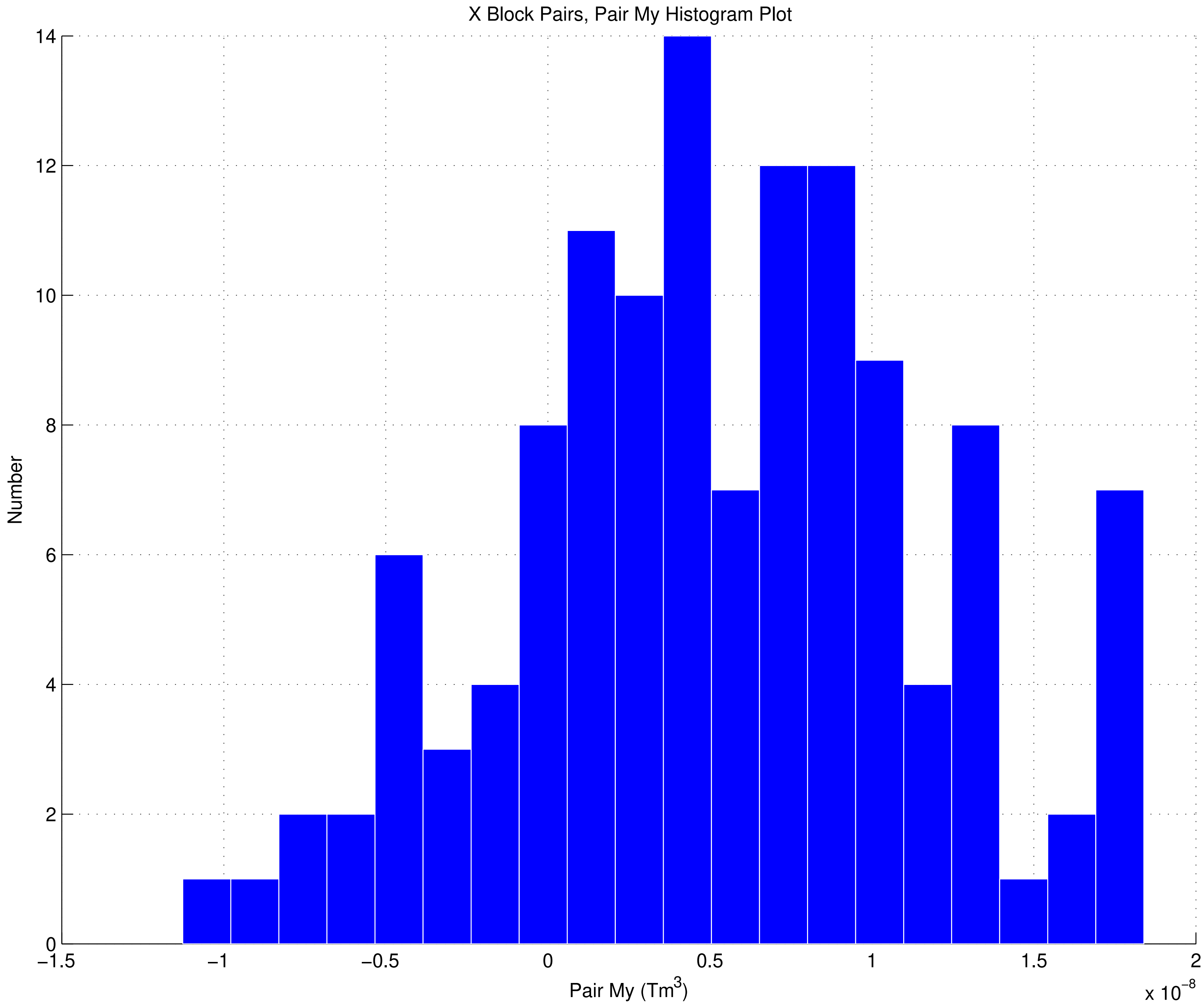

X Blocks, Mx Histogram Plot
Mx
Outliers
Number
Mx (Tm3)
x 10−7
0
5
10
15
20
25
30
−1
−0.5
0
0.5
1
1.5


X Blocks, My Histogram Plot
My
Outliers
Number
My (Tm^3)
x 10^{-8}
30
25
20
15
10
5
0
−10
−8
−6
−4
−2
0
2
4
6


X Blocks, Mz Histogram Plot
Mz
Outliers
Number
Mz (Tm^3)
x 10^{-6}
0
5
10
15
20
25
30
1.665
1.67
1.675
1.68
1.685
1.69
1.695
1.7
1.705
1.71


X Blocks, My vs Mx Scatter Plot
x 10^-8
6
4
2
0
−2
−4
−6
−8
−10
My (Tm^3)
−1
−0.5
0
0.5
1
1.5
Mx (Tm^3)
x 10^-7
Mx, My
Outliers


X Block Pairs, Pair Mx Histogram Plot
Number
Pair Mx (Tm^3)
x 10^{-8}
0
2
4
6
8
10
12
−2
−1.5
−1
−0.5
0
0.5
1
1.5


X Block Pairs, Pair My Histogram Plot
14
12
10
8
6
4
2
0
Number
−1.5
−1
−0.5
0
0.5
1
1.5
2
Pair My (Tm^3)
x 10^{-8}