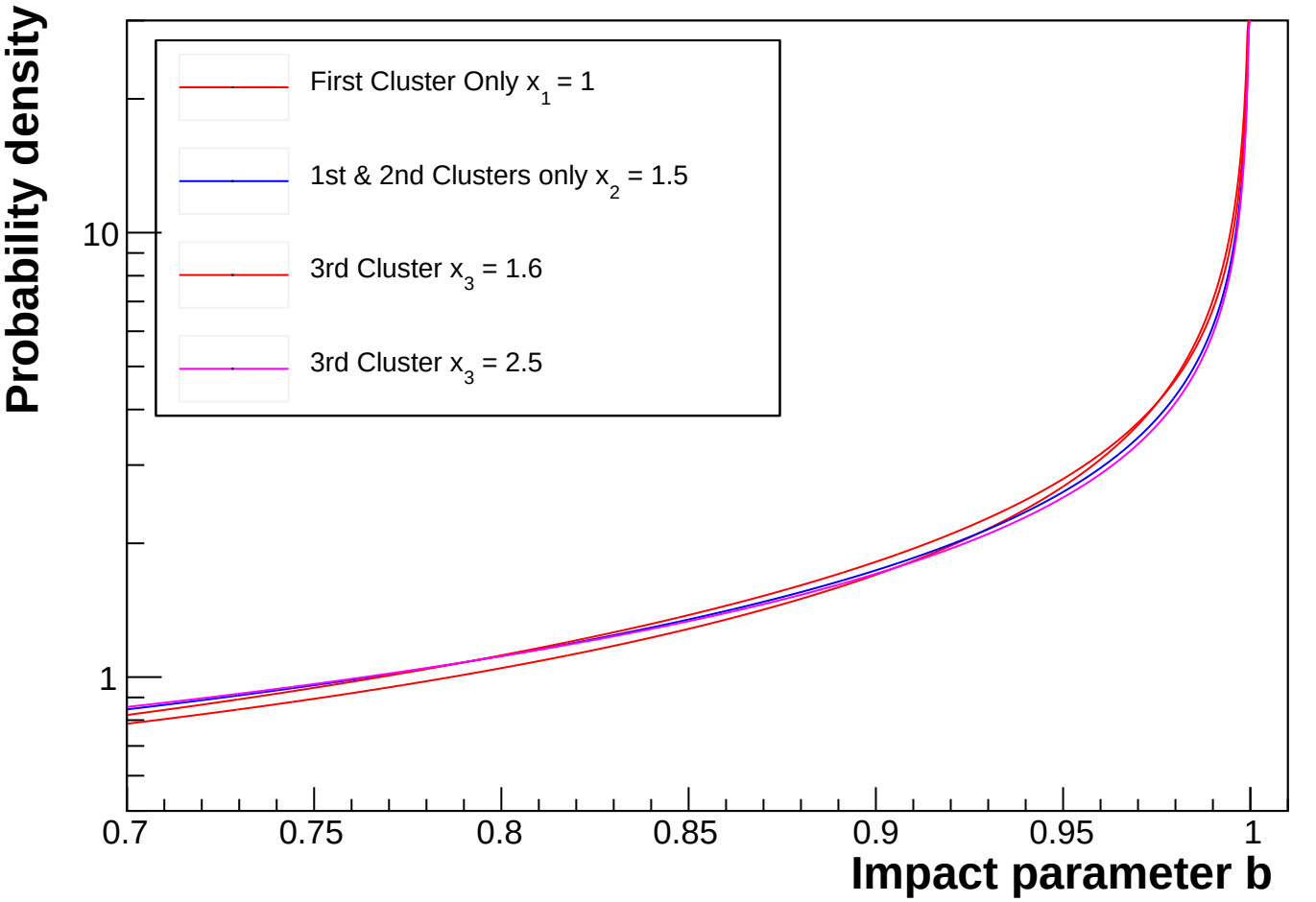
Probability density
10
1
0.7
0.75
0.8
0.85
0.9
0.95
1
Impact parameter b
First Cluster Only $x_1 = 1$
1st & 2nd Clusters only $x_2 = 1.5$
3rd Cluster $x_3 = 1.6$
3rd Cluster $x_3 = 2.5$