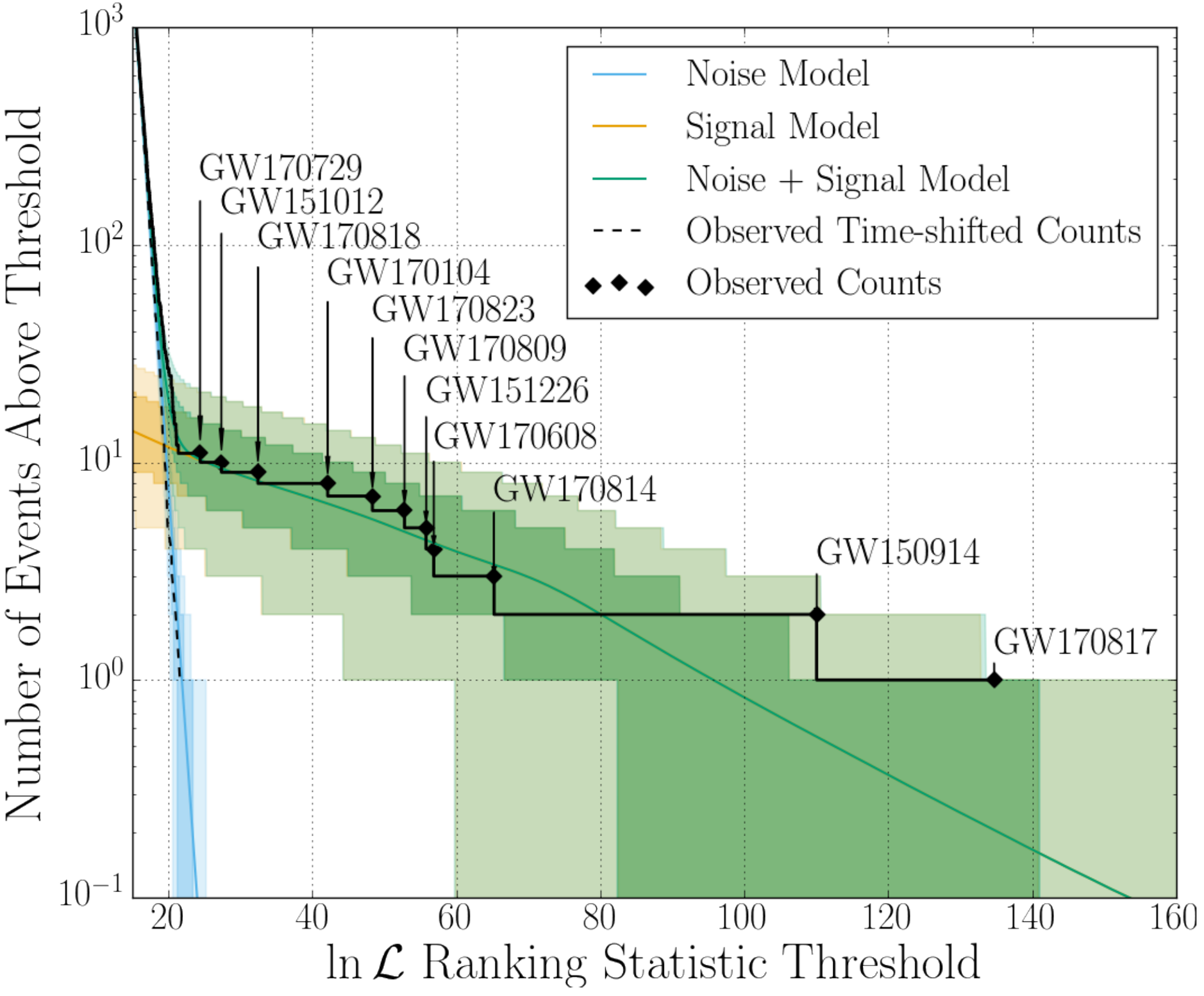
Noise Model
Signal Model
Noise + Signal Model
Observed Time-shifted Counts
Observed Counts
GW170729
GW151012
GW170818
GW170104
GW170823
GW170809
GW151226
GW170608
GW170814
GW150914
GW170817
Number of Events Above Threshold
ln $\mathcal{L}$ Ranking Statistic Threshold
10^3
10^2
10^1
10^0
10^{-1}
20
40
60
80
100
120
140
160