Distance Decay for Aftershocks of Landers Rupture (M=7.25); distDecay=1.7
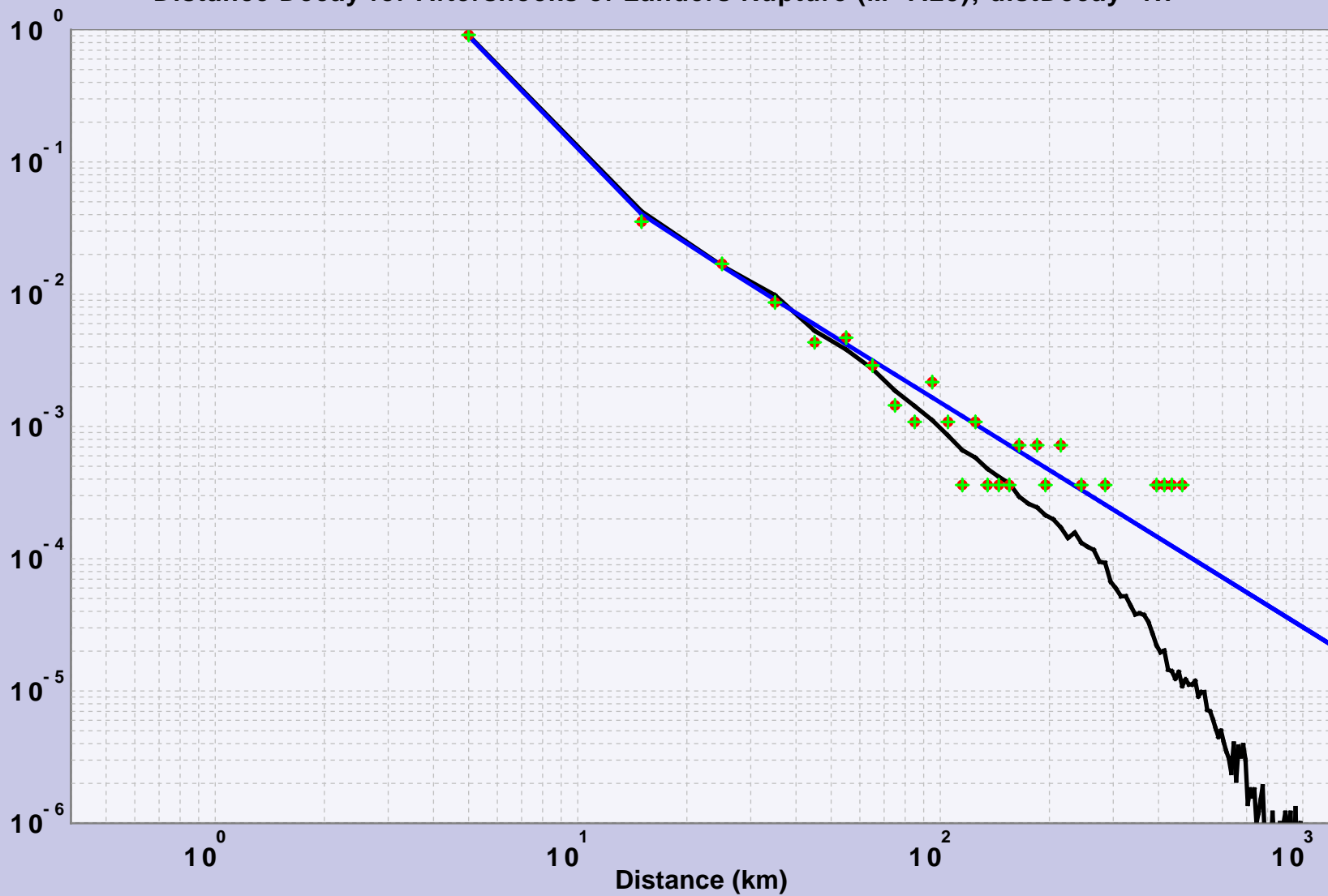
DATASET #1

Approx Expected Distance Decay for Primary Aftershocks of Landers Rupture (M=7.25); distDecay=1.7

Diff from theoretical mostly due to no events to sample outside RELM region, but also spatially variable a-values

DATASET #2

Theoretical Distance Decay

$(dist+minDist)^{-distDecay}$, where minDist=0.3 and distDecay=1.7, and where finite discretization accounted for

DATASET #3

Sampled Distance-Decay Histogram for Primary Aftershocks of Landers Rupture (M=7.25); distDecay=1.7

(filled circles)

DATASET #4

Sampled Distance-Decay Histogram for All Aftershocks of Landers Rupture (M=7.25); distDecay=1.7

(Crosses, and these are distances to the main shock, not to the parent)