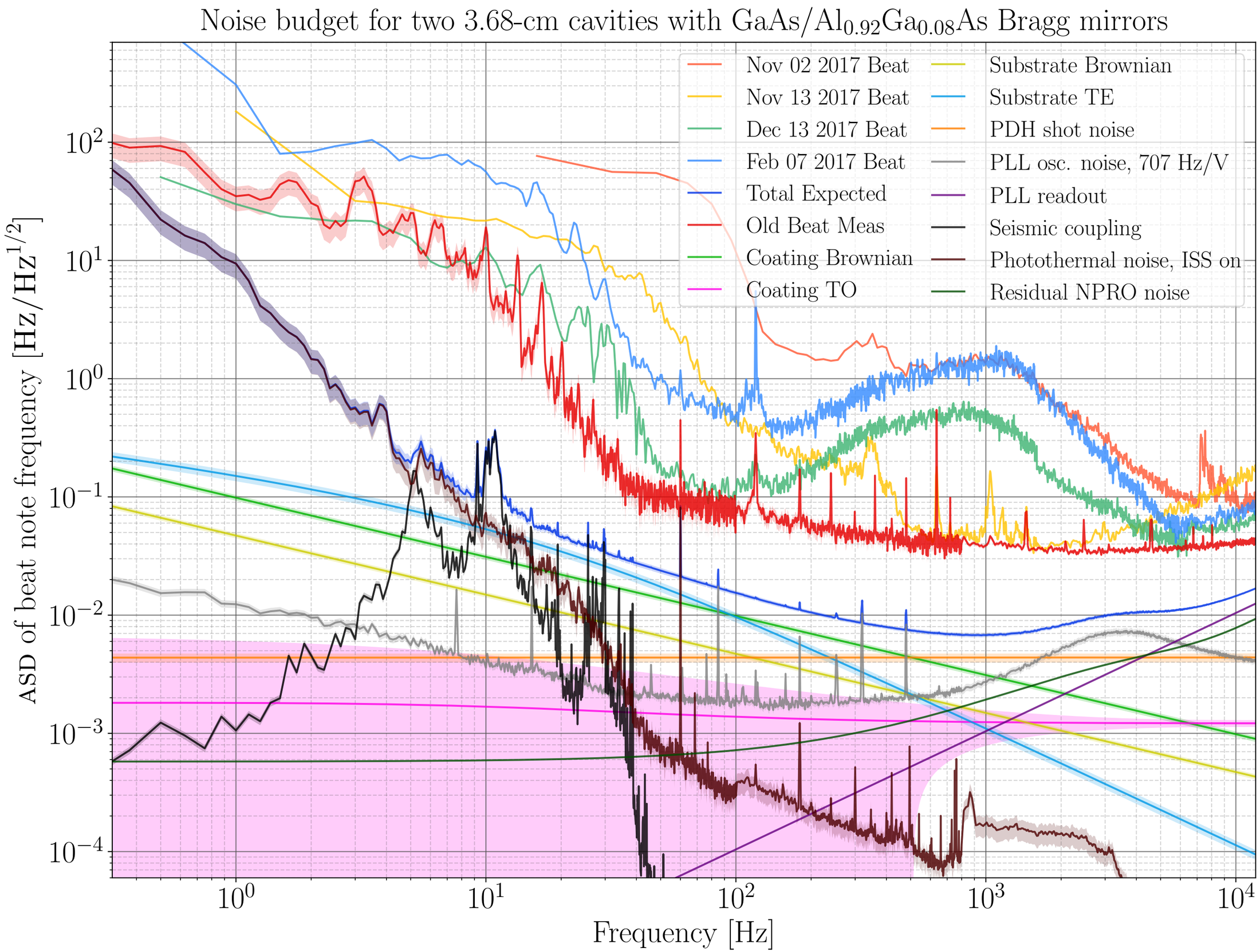
Noise budget for two 3.68-cm cavities with GaAs/Al$_{0.92}$Ga$_{0.08}$As Bragg mirrors
Nov 02 2017 Beat
Nov 13 2017 Beat
Dec 13 2017 Beat
Feb 07 2017 Beat
Total Expected
Old Beat Meas
Coating Brownian
Coating TO
Substrate Brownian
Substrate TE
PDH shot noise
PLL osc. noise, 707 Hz/V
PLL readout
Seismic coupling
Photothermal noise, ISS on
Residual NPRO noise
ASD of beat note frequency [Hz/Hz$^{1/2}$]
Frequency [Hz]
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}