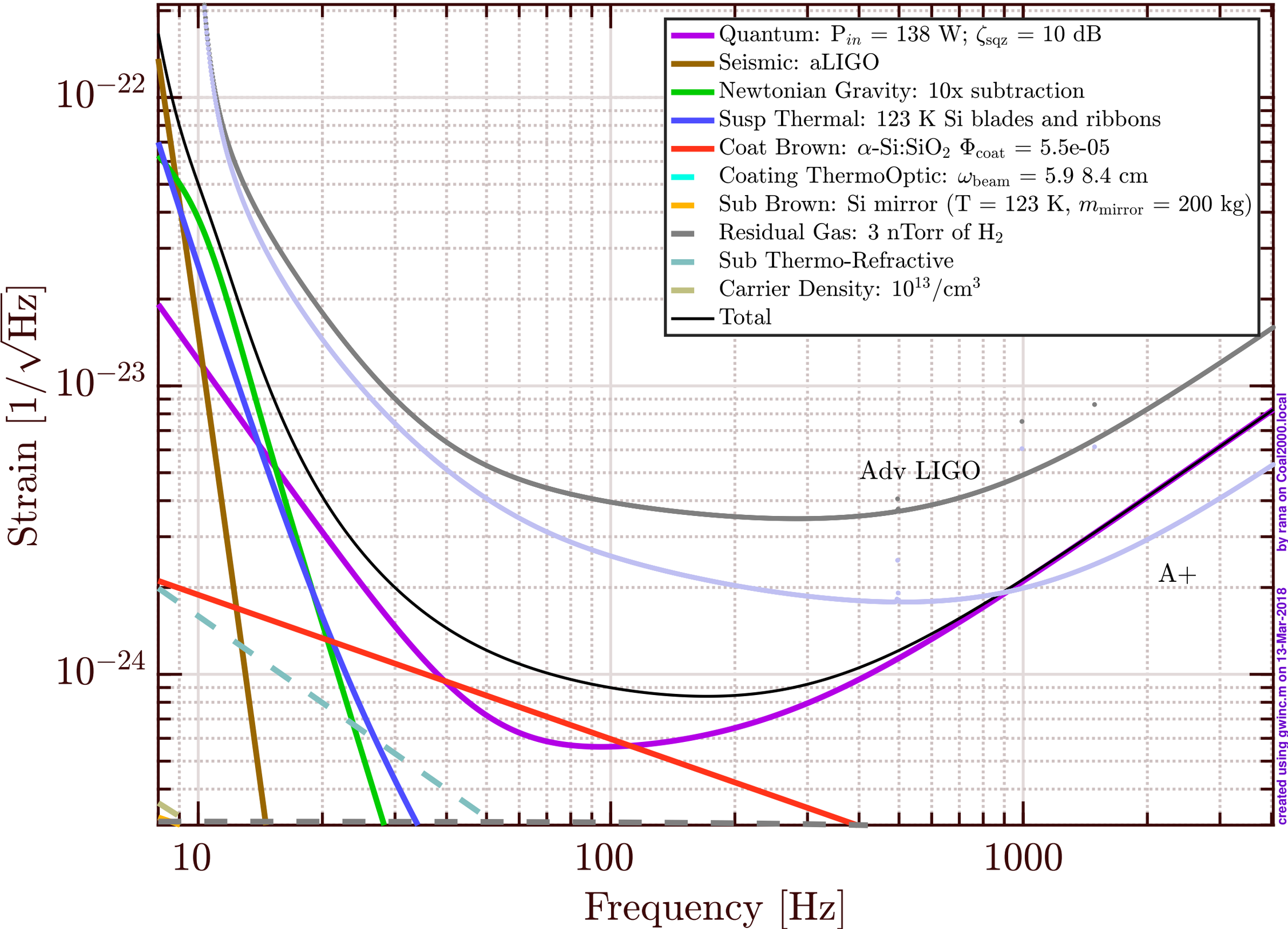
Quantum: P_{in} = 138 W; ζ_{sqz} = 10 dB
Seismic: aLIGO
Newtonian Gravity: 10x subtraction
Susp Thermal: 123 K Si blades and ribbons
Coat Brown: α-Si:SiO_2 Φ_{coat} = 5.5e-05
Coating ThermoOptic: ω_{beam} = 5.9 8.4 cm
Sub Brown: Si mirror (T = 123 K, m_{mirror} = 200 kg)
Residual Gas: 3 nTorr of H_2
Sub Thermo-Refractive
Carrier Density: $10^{13}/cm^3$
Total
Adv LIGO
A+
10^{-22}
10^{-23}
10^{-24}
Strain $[1/\sqrt{Hz}]$
10
100
1000
Frequency [Hz]
created using gwinc.m on 13-Mar-2018
by rana on Coal2000.local