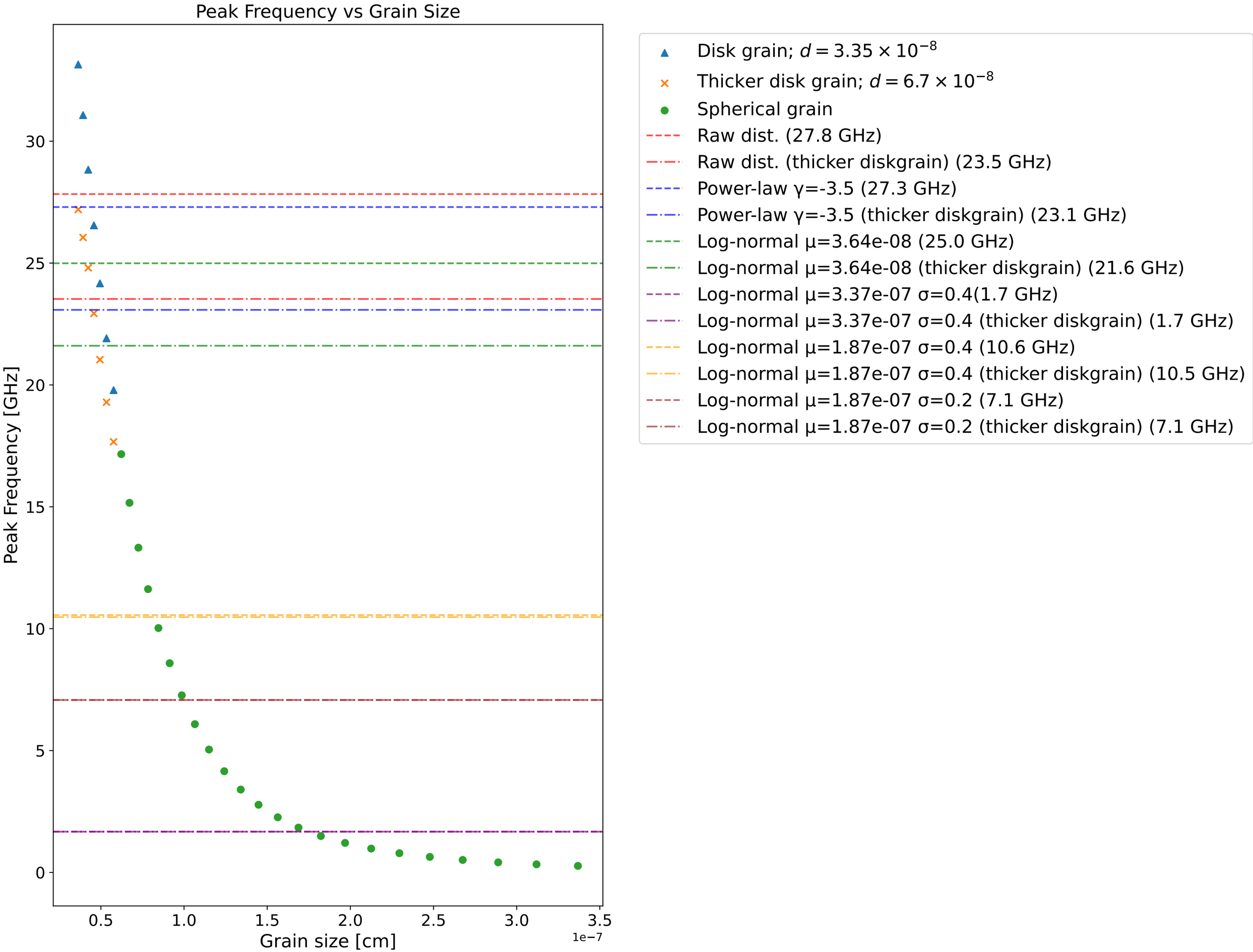
Peak Frequency vs Grain Size
Peak Frequency [GHz]
Grain size [cm]
1e−7
0
5
10
15
20
25
30
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Disk grain; $d = 3.35 \times 10^{-8}$
Thicker disk grain; $d = 6.7 \times 10^{-8}$
Spherical grain
Raw dist. (27.8 GHz)
Raw dist. (thicker diskgrain) (23.5 GHz)
Power-law γ=-3.5 (27.3 GHz)
Power-law γ=-3.5 (thicker diskgrain) (23.1 GHz)
Log-normal μ=3.64e-08 (25.0 GHz)
Log-normal μ=3.64e-08 (thicker diskgrain) (21.6 GHz)
Log-normal μ=3.37e-07 σ=0.4(1.7 GHz)
Log-normal μ=3.37e-07 σ=0.4 (thicker diskgrain) (1.7 GHz)
Log-normal μ=1.87e-07 σ=0.4 (10.6 GHz)
Log-normal μ=1.87e-07 σ=0.4 (thicker diskgrain) (10.5 GHz)
Log-normal μ=1.87e-07 σ=0.2 (7.1 GHz)
Log-normal μ=1.87e-07 σ=0.2 (thicker diskgrain) (7.1 GHz)