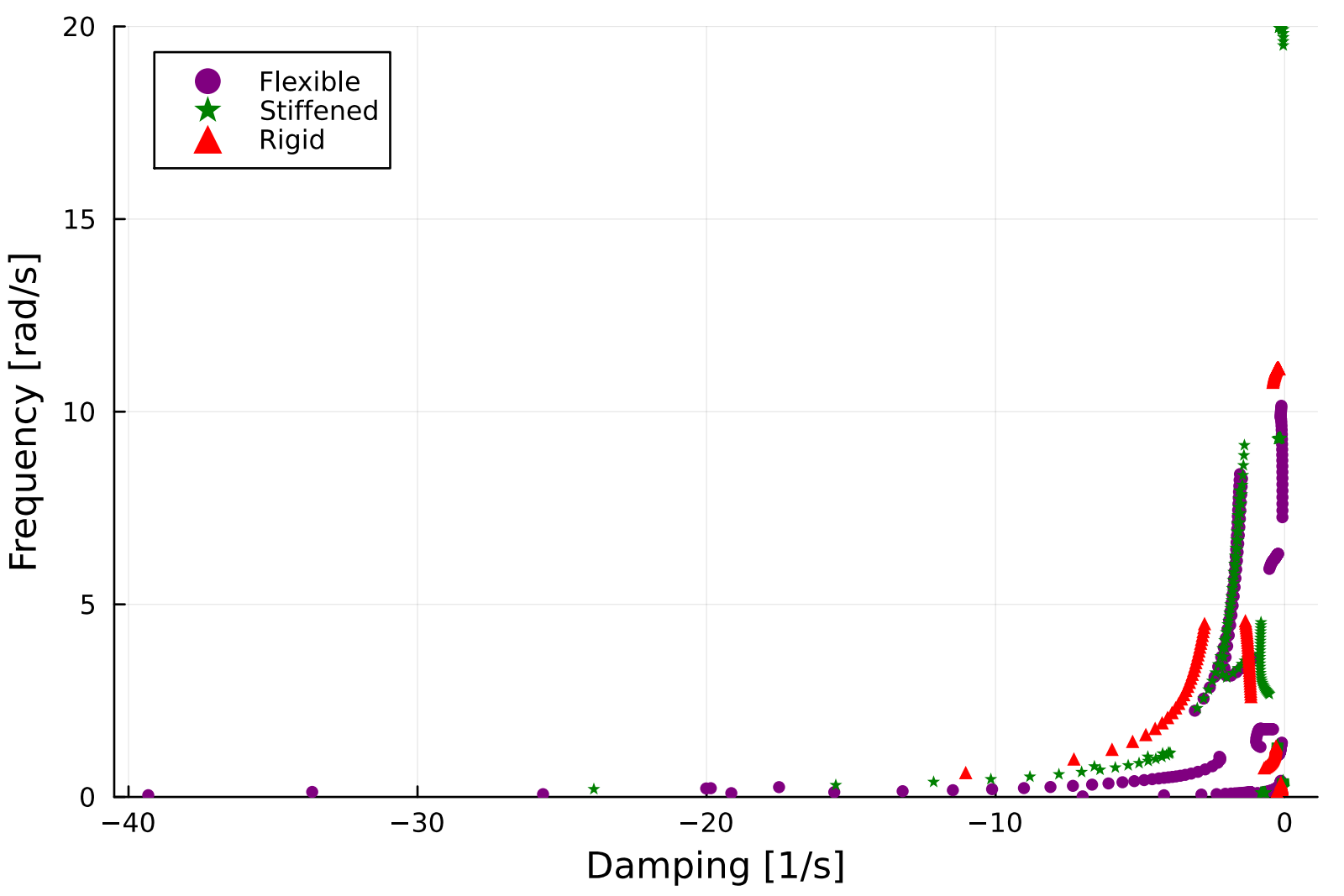

Flexible
Stiffened
Rigid
Frequency [rad/s]
Damping [1/s]
20
15
10
5
0
−40
−30
−20
−10
0