

Figure 1: Power vs. voltage for Solar Panel 1 in overcast conditions

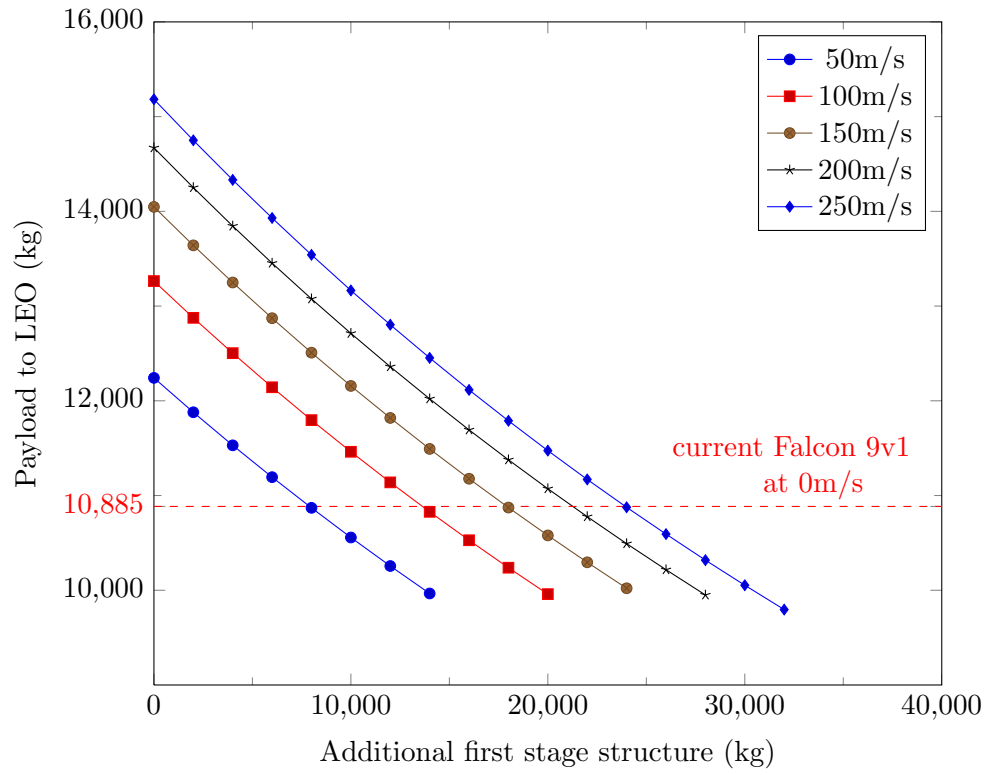


Figure 2: Affect of additional first stage structure on payload to orbit for Falcon 9 version 1 with first stage stretched for thrust-to-weight = ~ 1 , at different initial velocities.