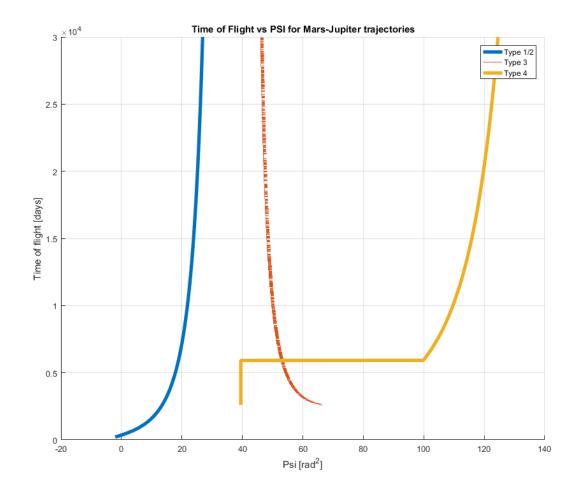
- 1. R\_mars = [-1.2816E8, -1.9060E8, -1.4748E4] R\_jup = [4.8347E8, -5.8744E8, -1.4629E5]
- 2. Below: my code broke for low time of flight type IV transfers. I'm still investigating this, but this is what it gives so far.



- 3. Two things need to changed. First, the bounds on psi need to be adjusted to the appropriate minimum/maximum values for *n* revolutions. Next, the algorithm to iterate on psi needs to be adjusted to accommodate for the negative slope in type 3 transfers. I believe the problem with my code is that I do not have an elegant solution for this, so it breaks at extreme values in the type 4 case.
- 4. The shortest transfer time predicted by my code is 2600 days, with a psi value of 45.9872 rad^2.