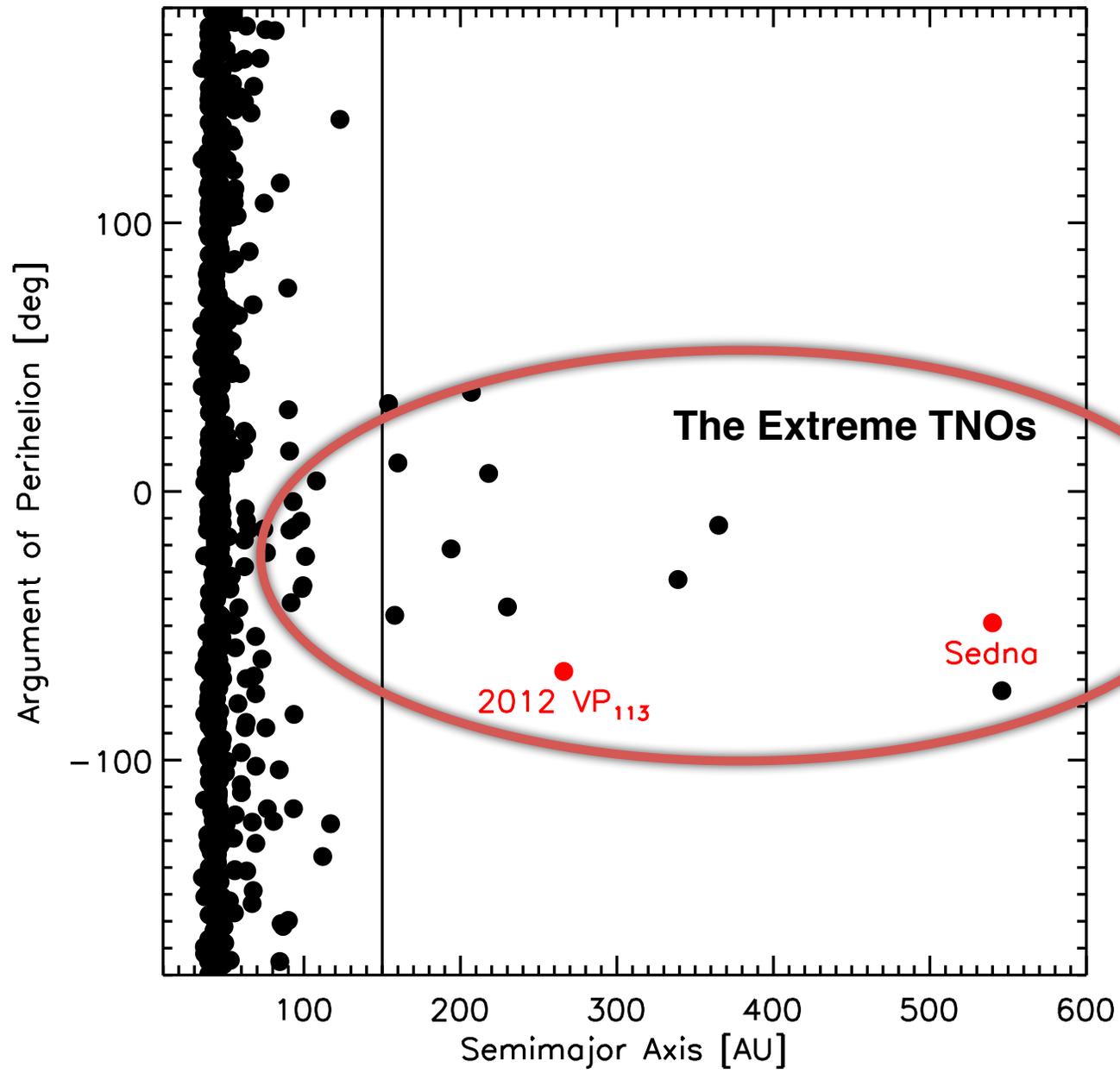


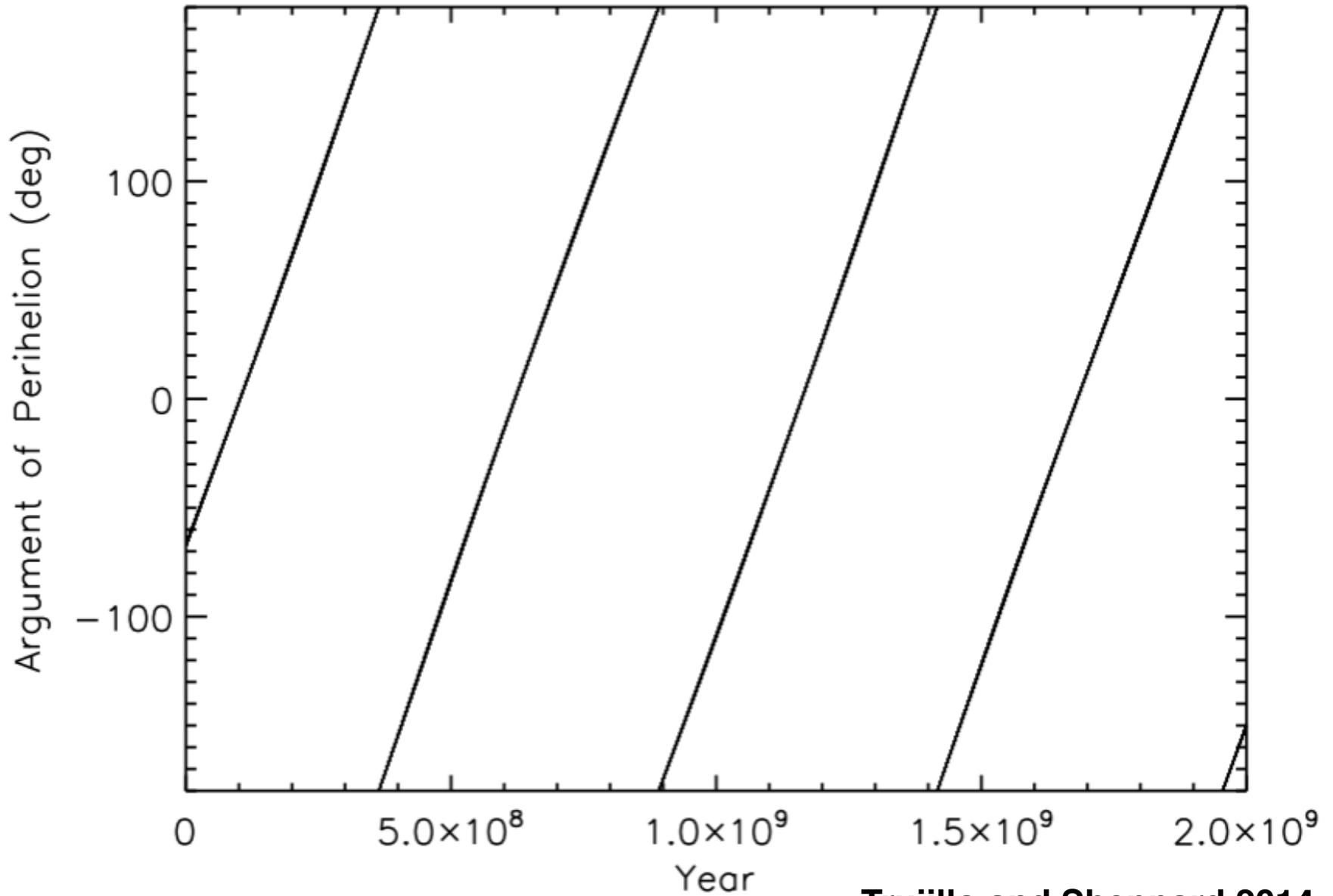
# **Towards Planet X**

**Chad Trujillo (NAU)**

**Scott Sheppard (Carnegie)**



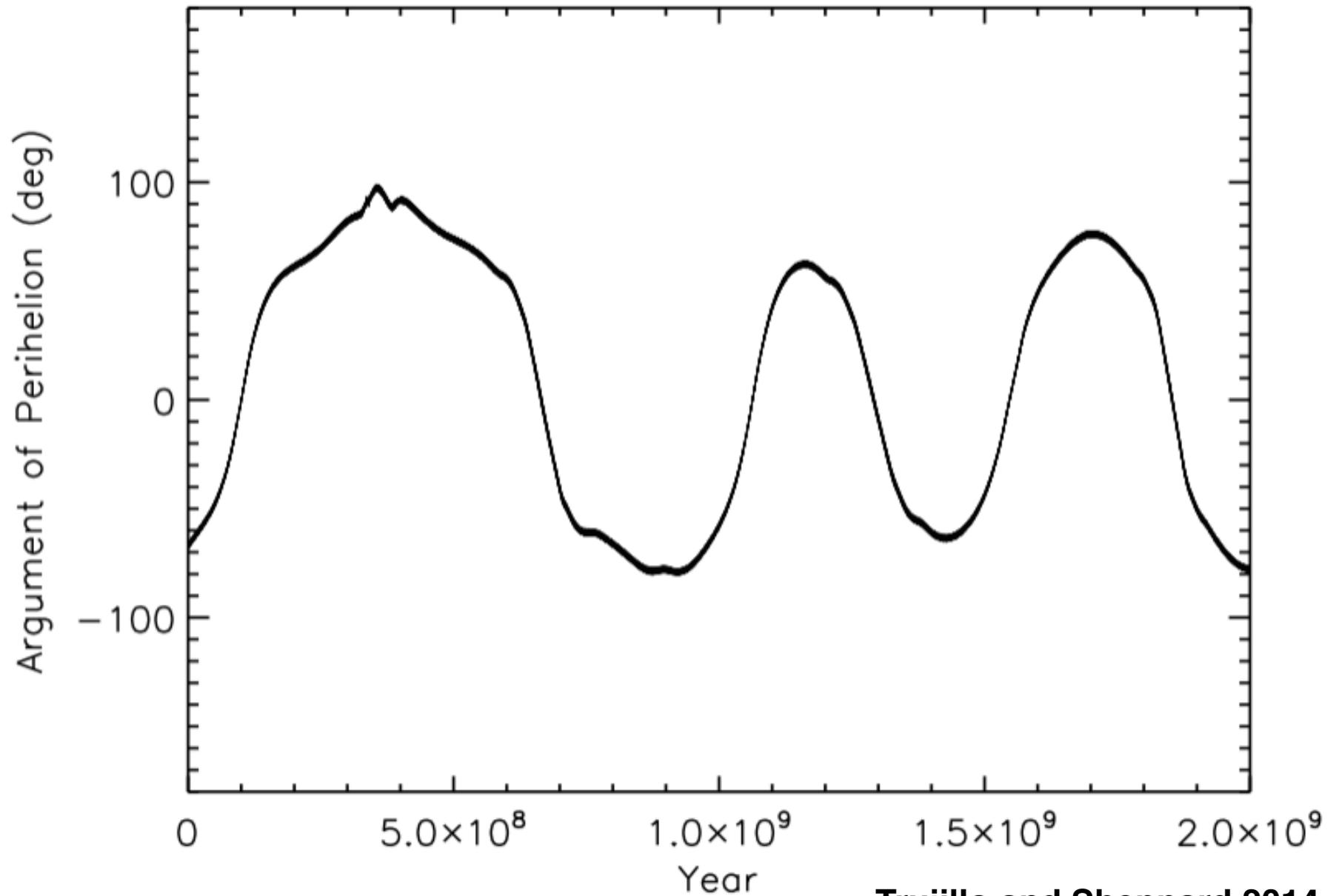
Trujillo and Sheppard 2014



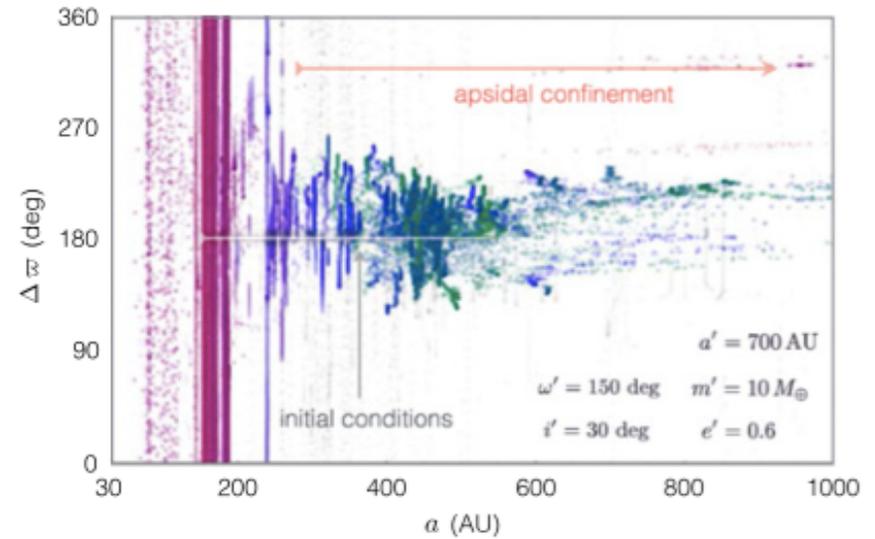
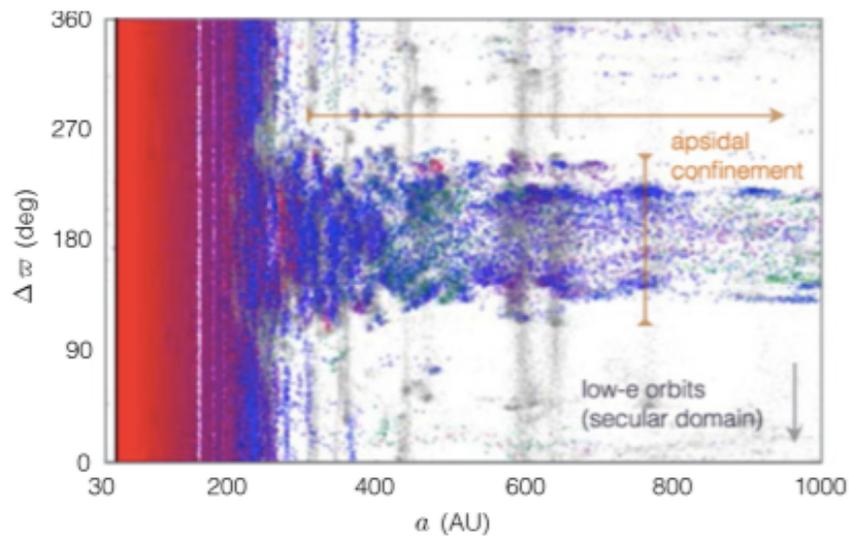
Trujillo and Sheppard 2014

Arg. of peri. for 2012 VP<sub>113</sub> in current solar system.

# Arg. of peri. for 2012 VP<sub>113</sub> with a 5 Earth mass body at 210 AU



Trujillo and Sheppard 2014



Batygin and Brown (2016) predict an undiscovered 10 Earth Mass planet in our solar system with semimajor axis 700 AU,  $e=0.6$ ,  $i=30\text{deg}$

