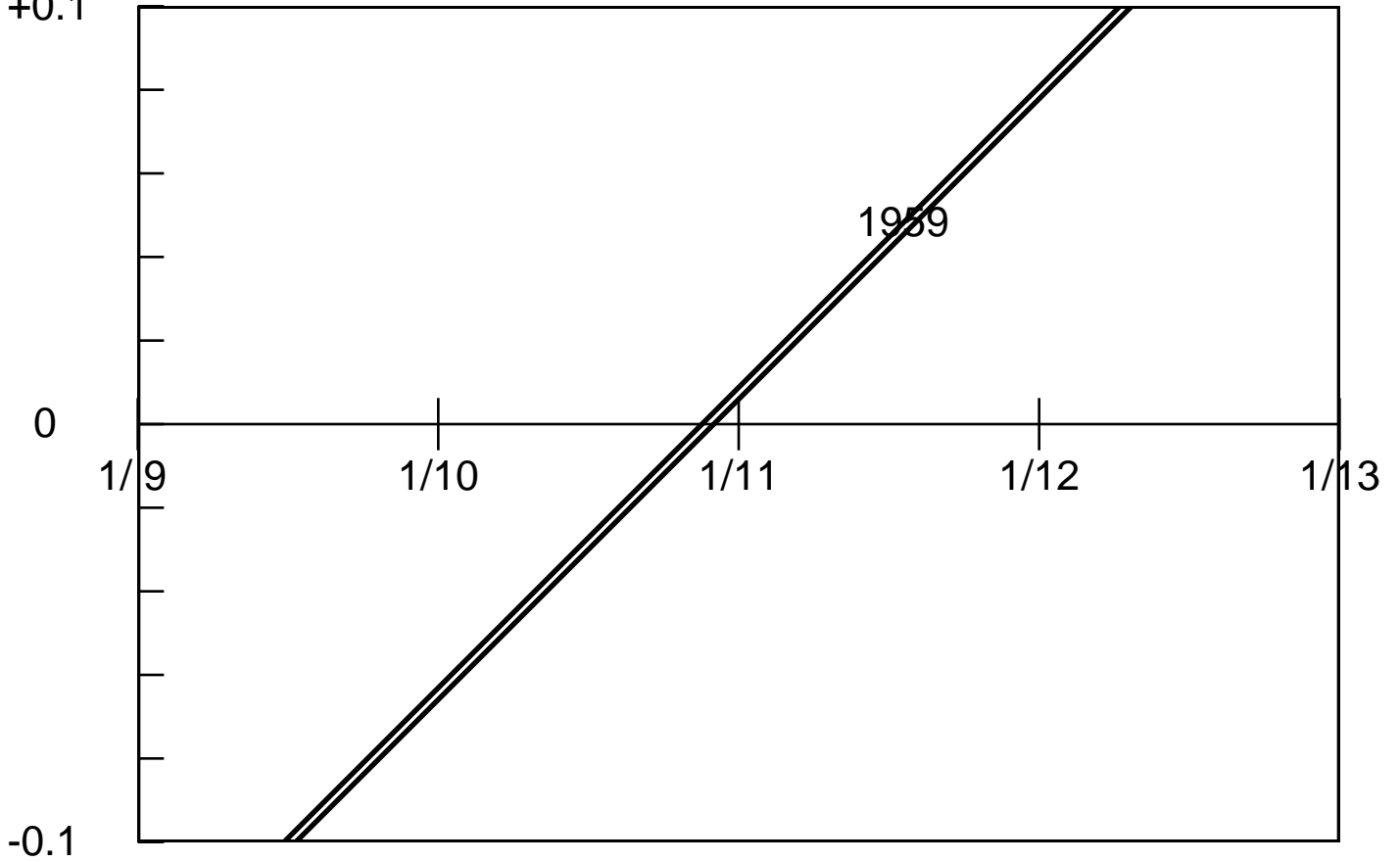


# Giacobinid 2011

AU  
+0.1



perihelion passage (rev.)	ejection velocity (m/s)	close encounter (TT)	Sun longitude (J2000)	distance (AU)	radiant RA (2000)	Dec (2000)	relative velocity (km/s)
08	1959	2011/01/11 13h33m	290.819	+0.048059	286.5	-22.4	27.5