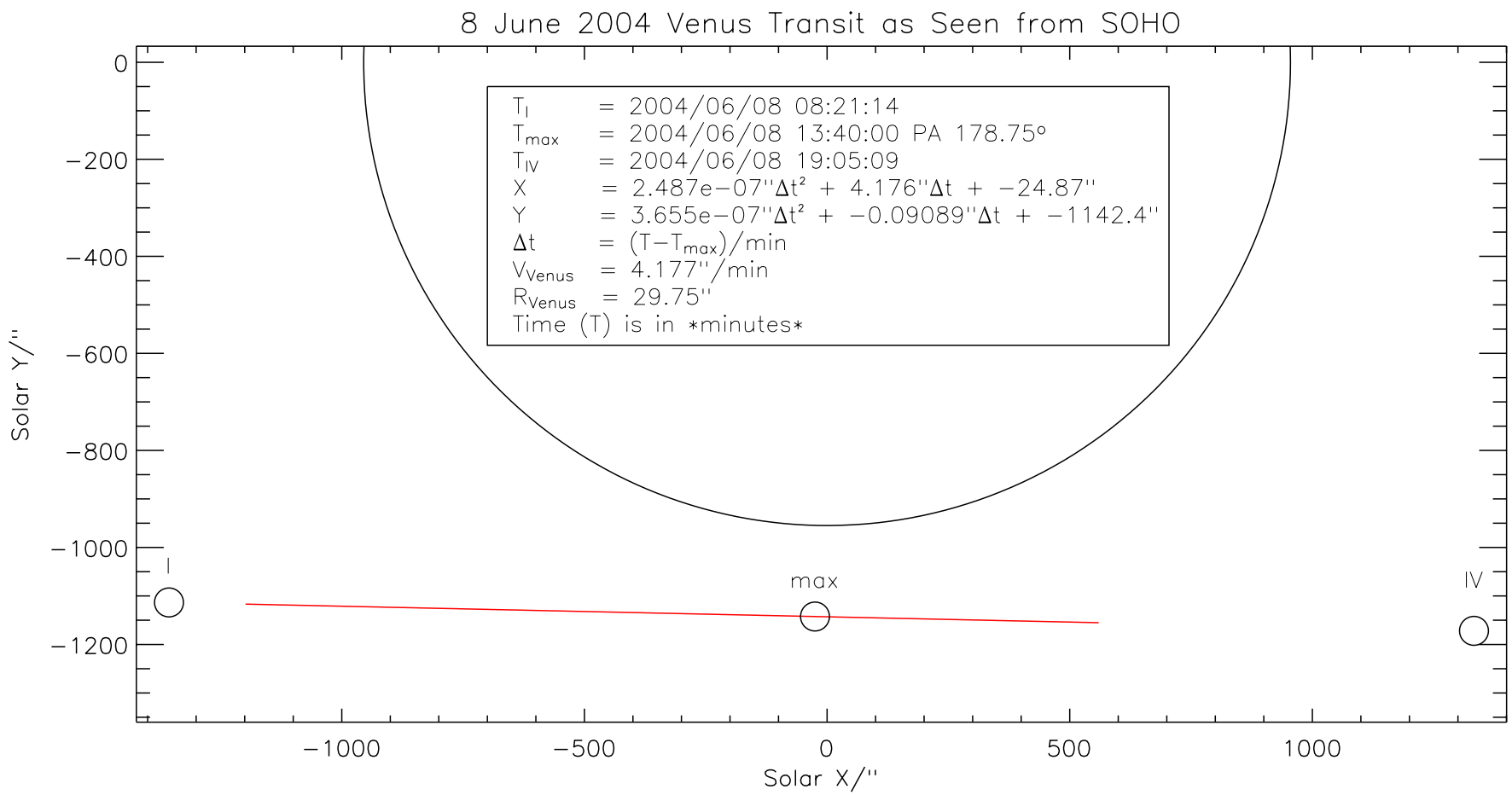
8 June 2004 Venus Transit as Seen from SOHO
$T_I$ = 2004/06/08 08:21:14
$T_{max}$ = 2004/06/08 13:40:00 PA 178.75°
$T_{IV}$ = 2004/06/08 19:05:09
X = 2.487e−07''$\Delta t^2$ + 4.176''$\Delta t$ + −24.87''
Y = 3.655e−07''$\Delta t^2$ + −0.09089''$\Delta t$ + −1142.4''
$\Delta t$ = $(T-T_{max})$/min
$V_{Venus}$ = 4.177''/min
$R_{Venus}$ = 29.75''
Time (T) is in *minutes*
I
max
IV
0
−200
−400
−600
−800
−1000
−1200
Solar Y/''
−1000
−500
0
500
1000
Solar X/''
Based on a preliminary orbit determination