

SPIRou Line-by-line Radial Velocity

Object: TOI4479, Template: TOI4479, Zero-point corrected: True

Number of exposures: 42, Number of epochs: 11

Diagnostic Plots

2023-05-31

Stellar Parameters

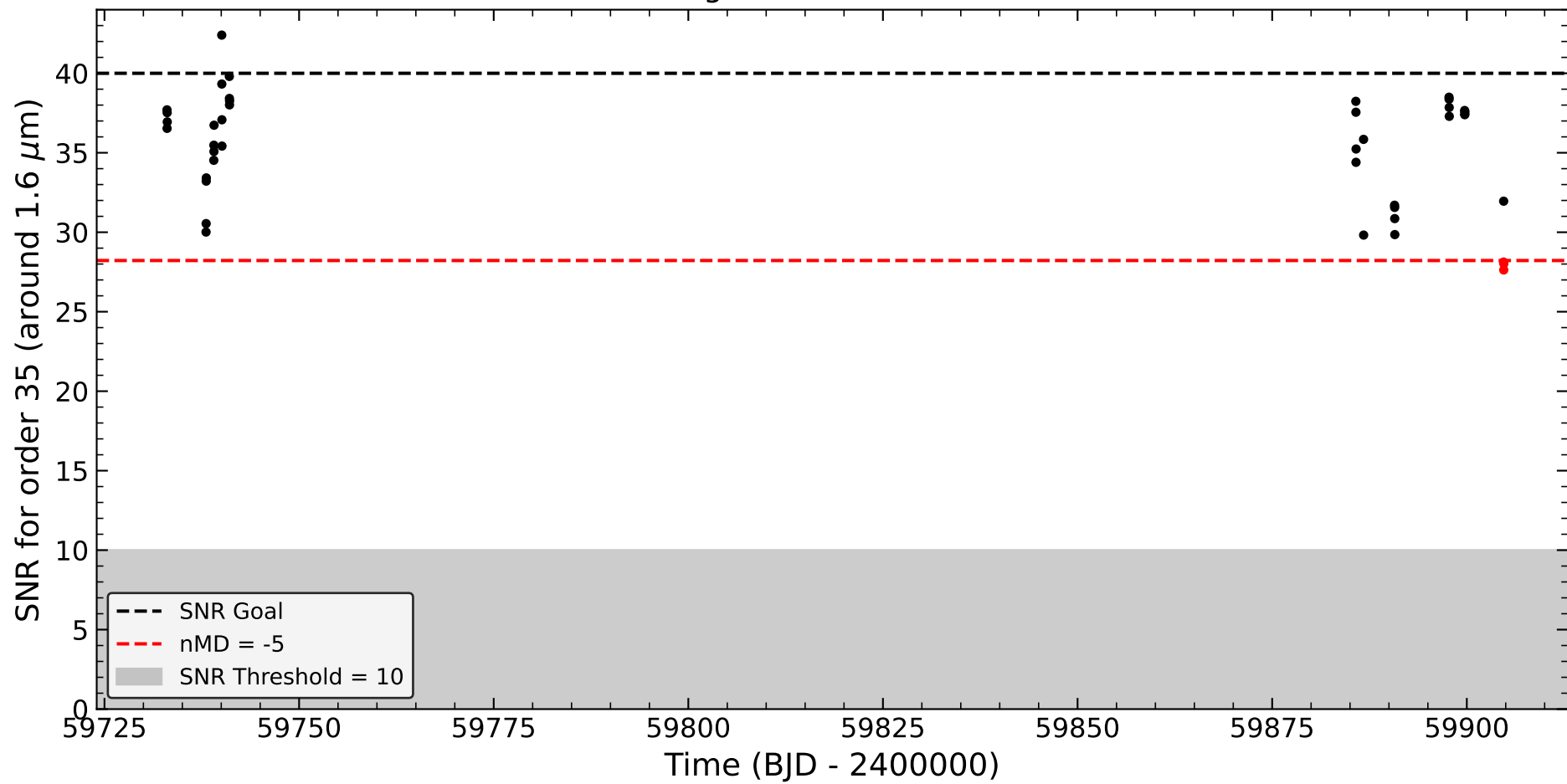
Host name	TIC 126606859
RA	21:04:23.27
Dec.	24:39:13.23
Mass (M_{\odot})	0.42
Radius (R_{\odot})	0.43
Lum. (L_{\odot})	0.0233
Teff (K)	3449
Spect. type	M3V
Dist. (pc)	80.65
V	15.18
Gaia	14.13
J	11.44
H	10.85
K	10.65

Planet Parameters

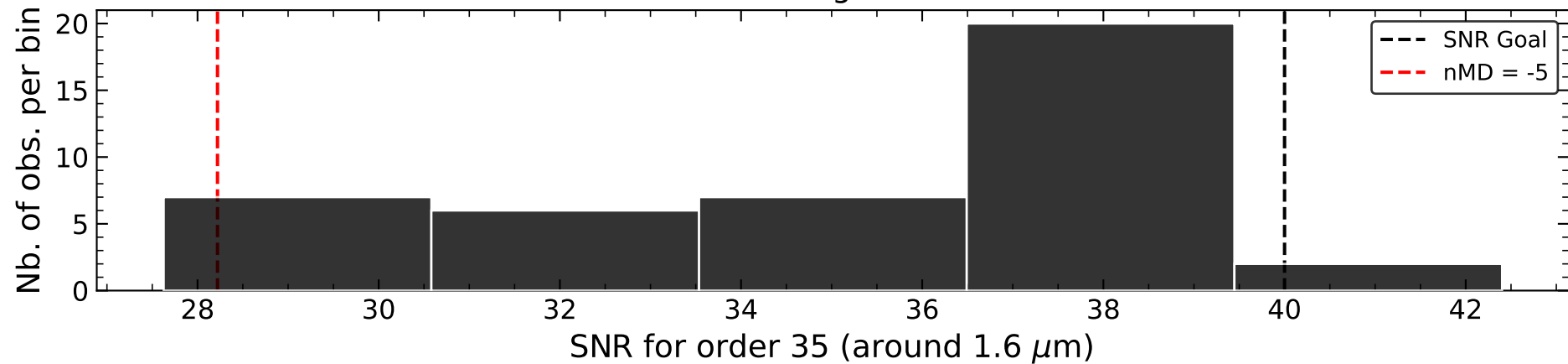
Name	TOI 4479.01
Mass (M_{\oplus})	7.69
Radius (R_{\oplus})	2.68
Density (g/cm^3)	2.2
Period (days)	1.15890
Transit depth (ppt)	3.47
Transit dur. (hr)	1.17
Orb. sep. (au)	0.016
Teq (K)	782
Insolation (S_{\oplus})	88.19
RV K (m/s)	8.32
Atmo. sig. (ppm)	459
TSM	76.2
ESM	11.7

[Link to ExoFOP](#)

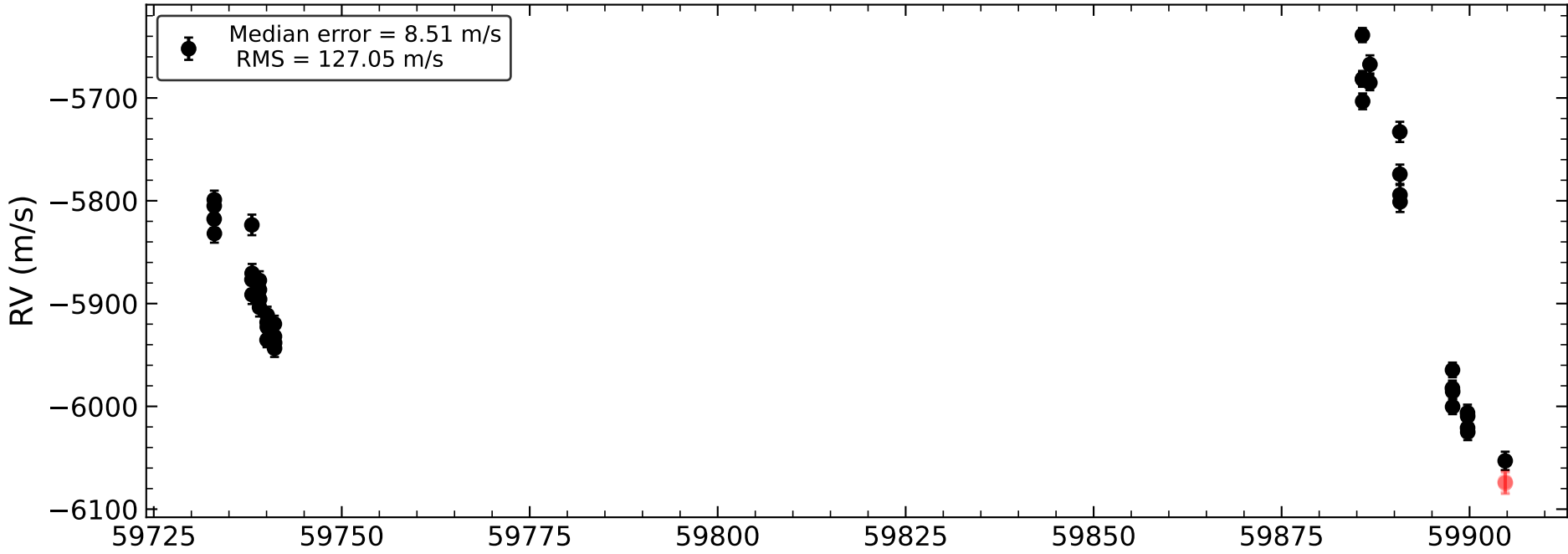
Signal-to-noise ratio



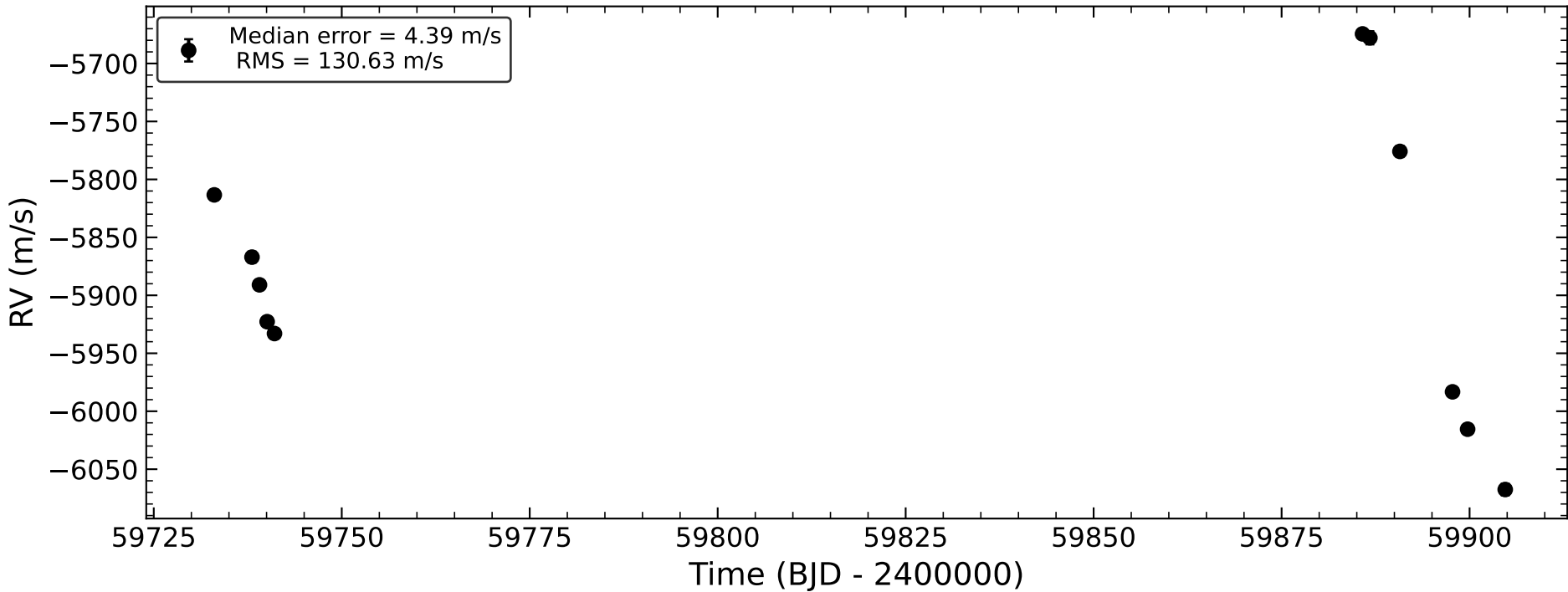
Histogram

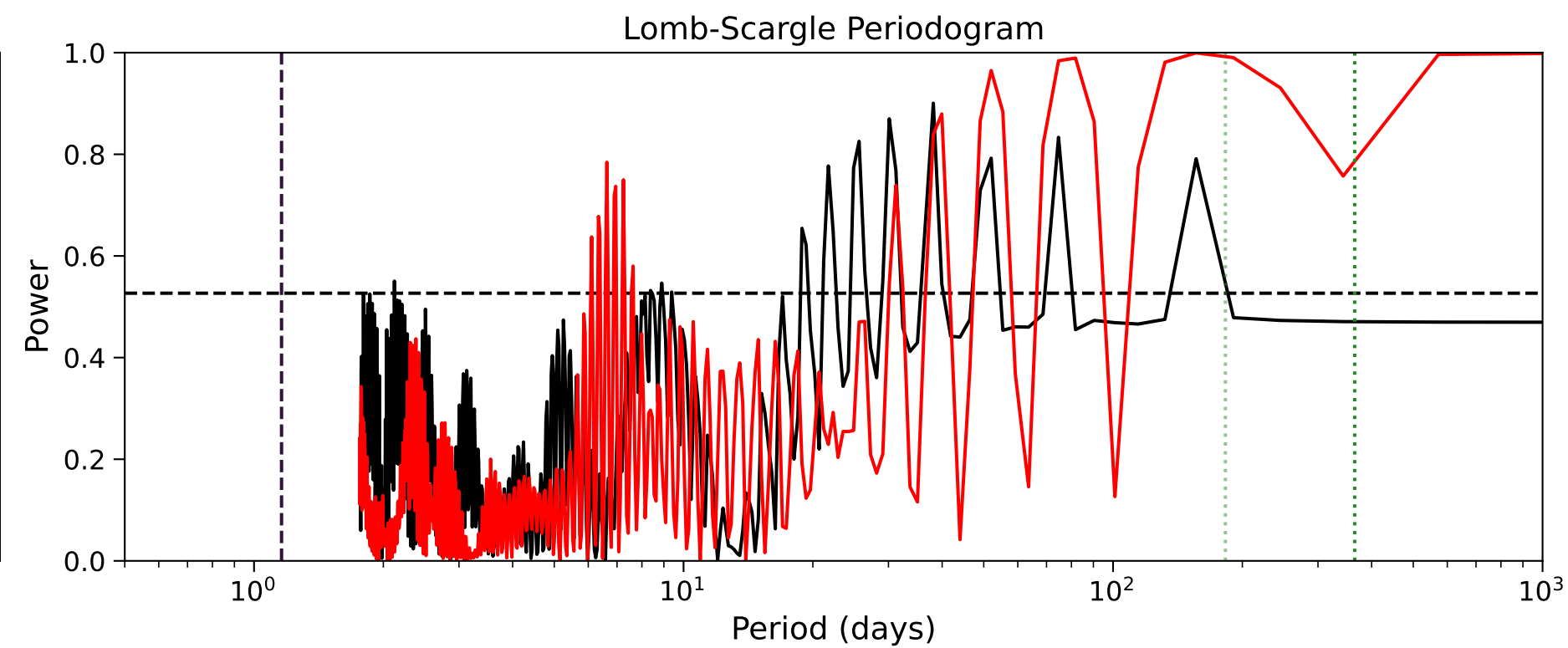
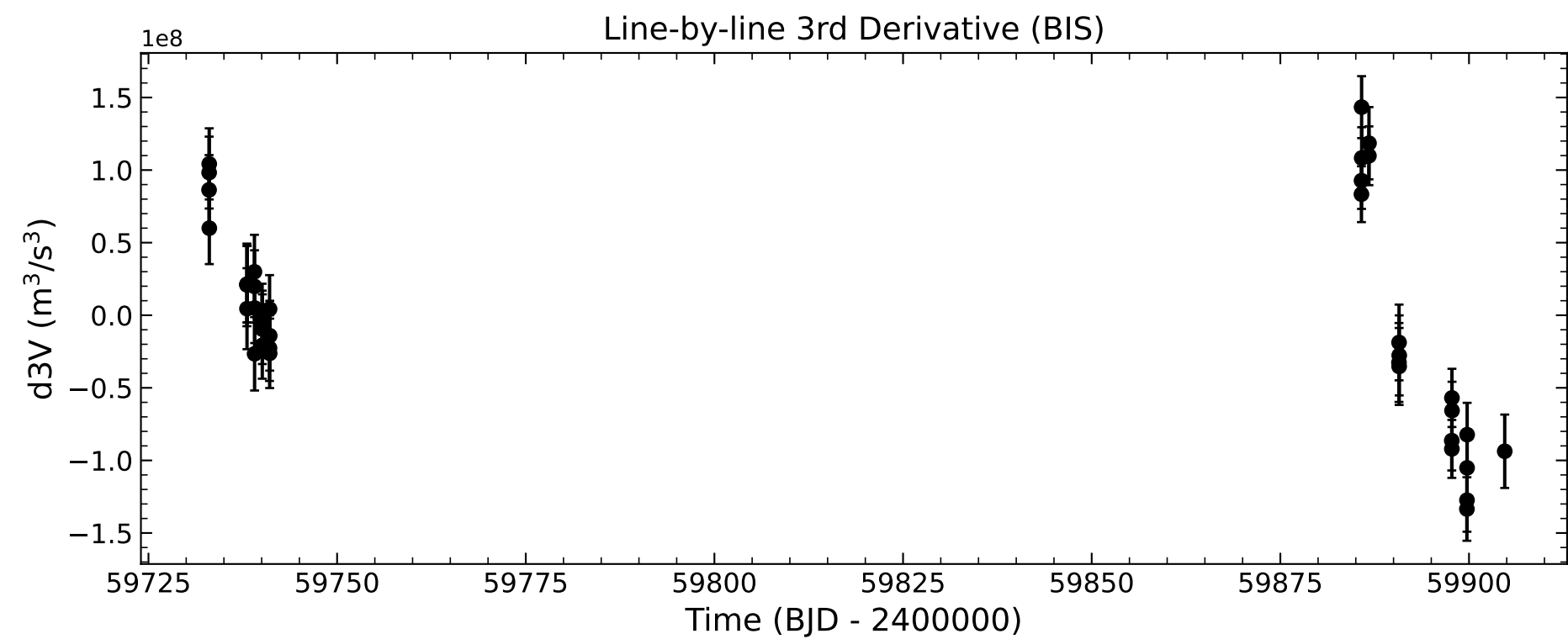
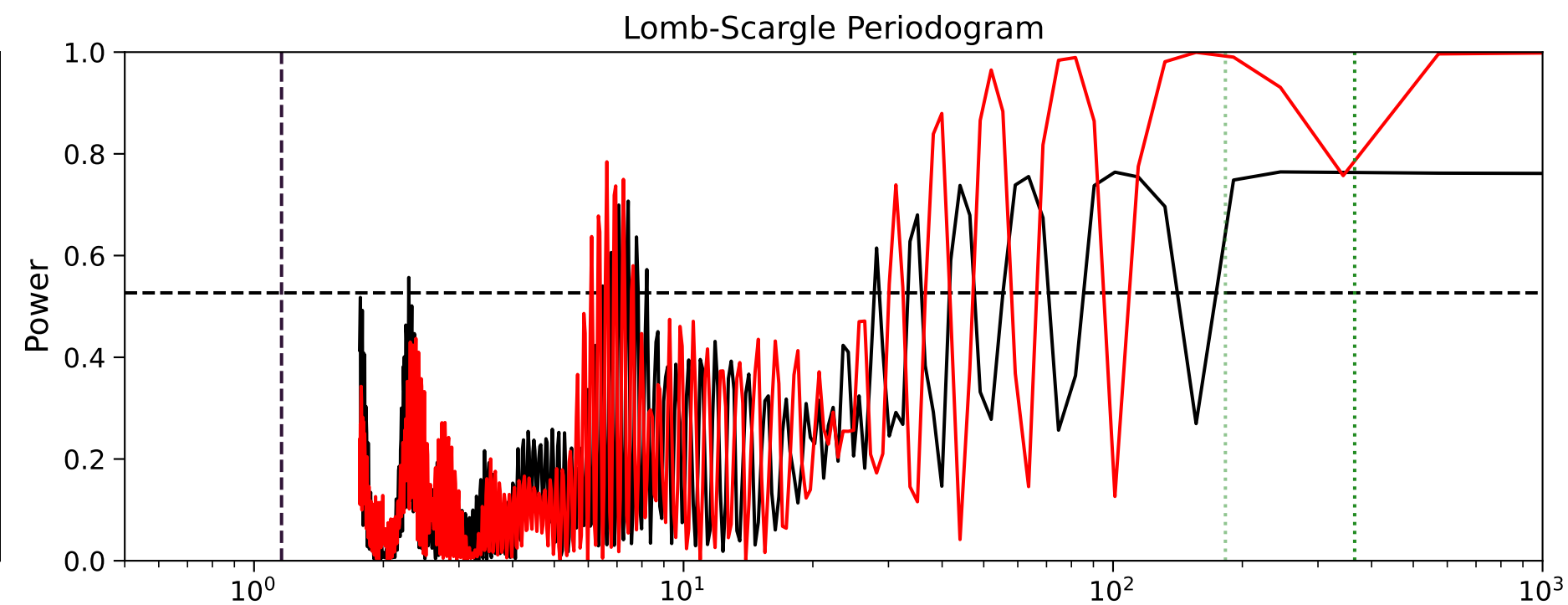
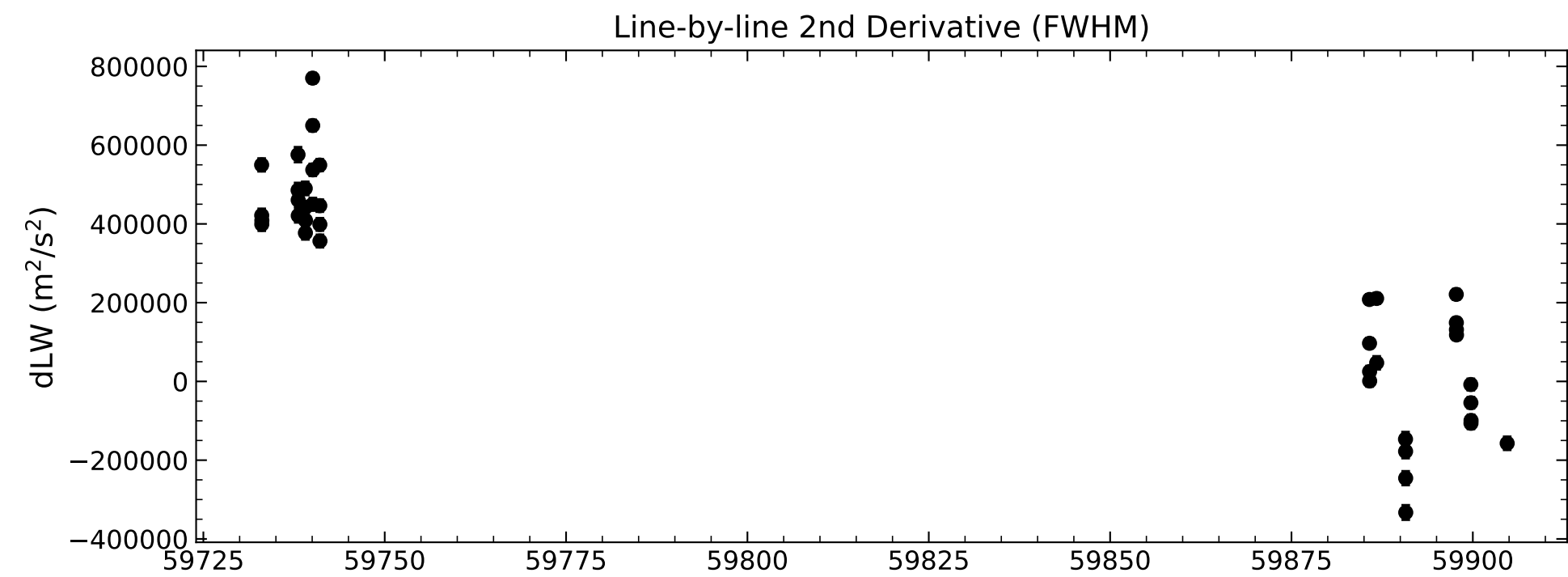
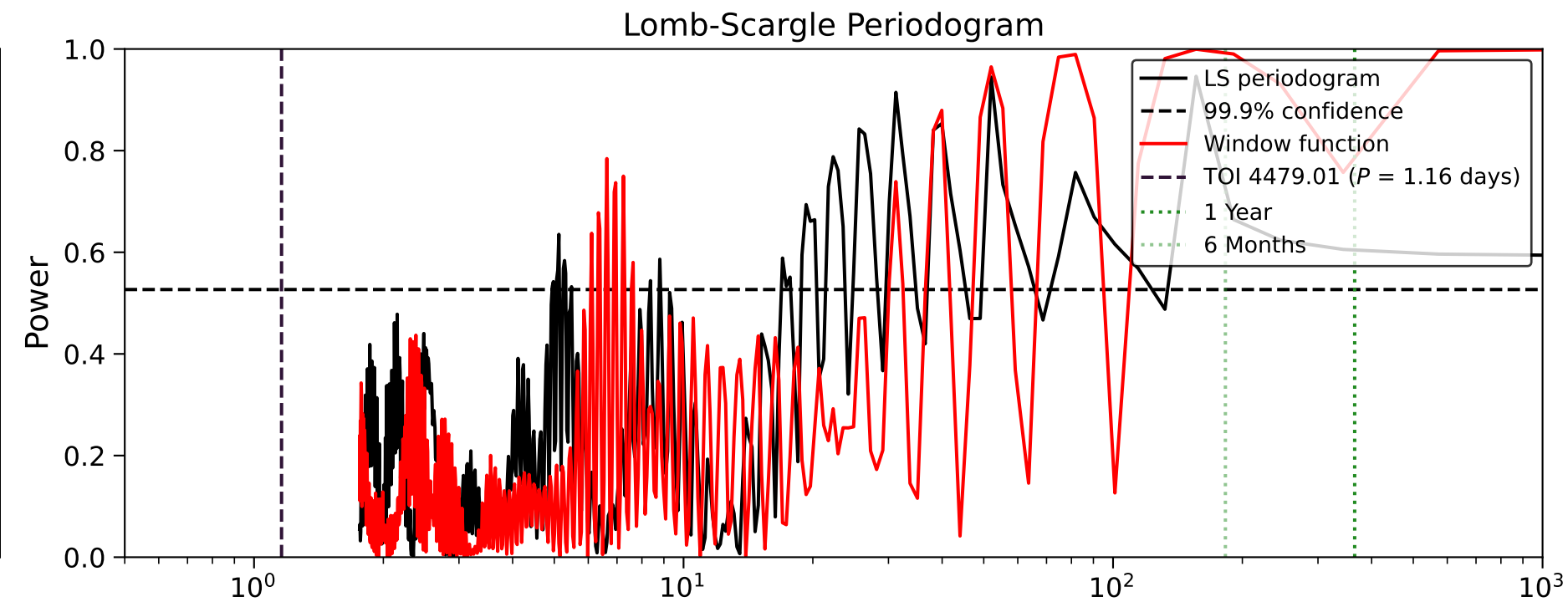
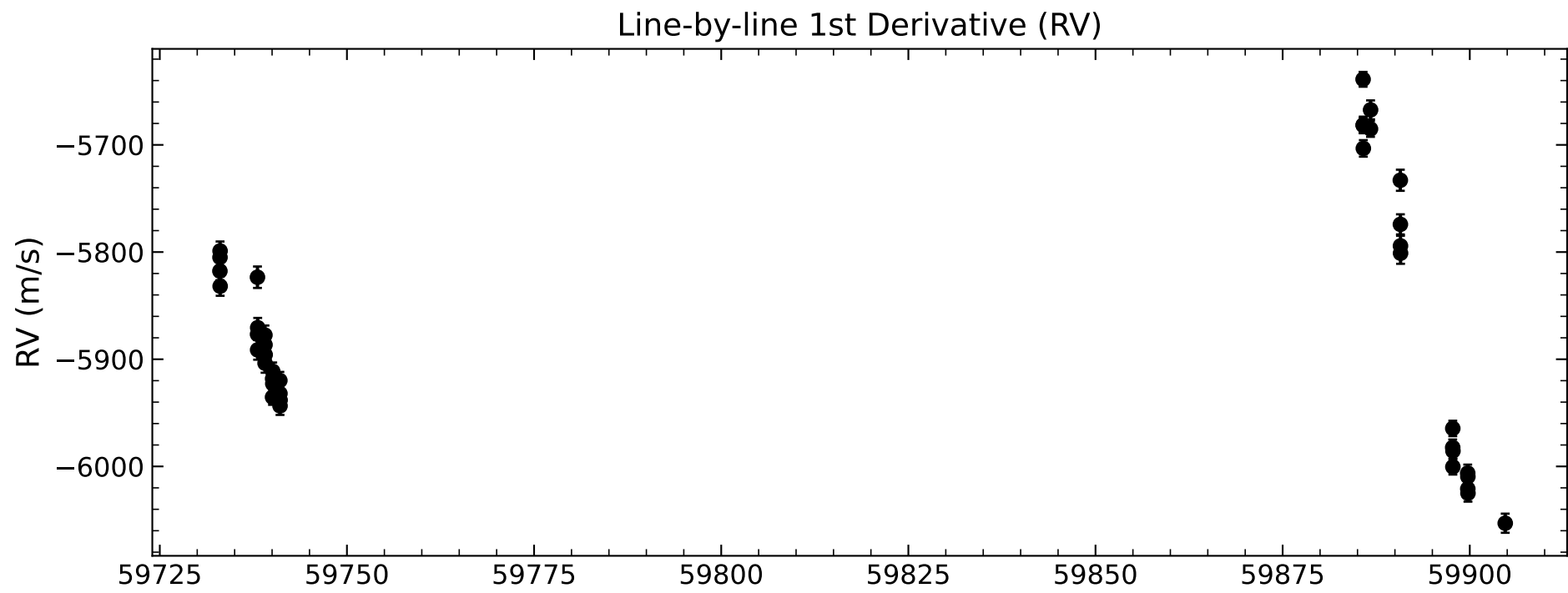


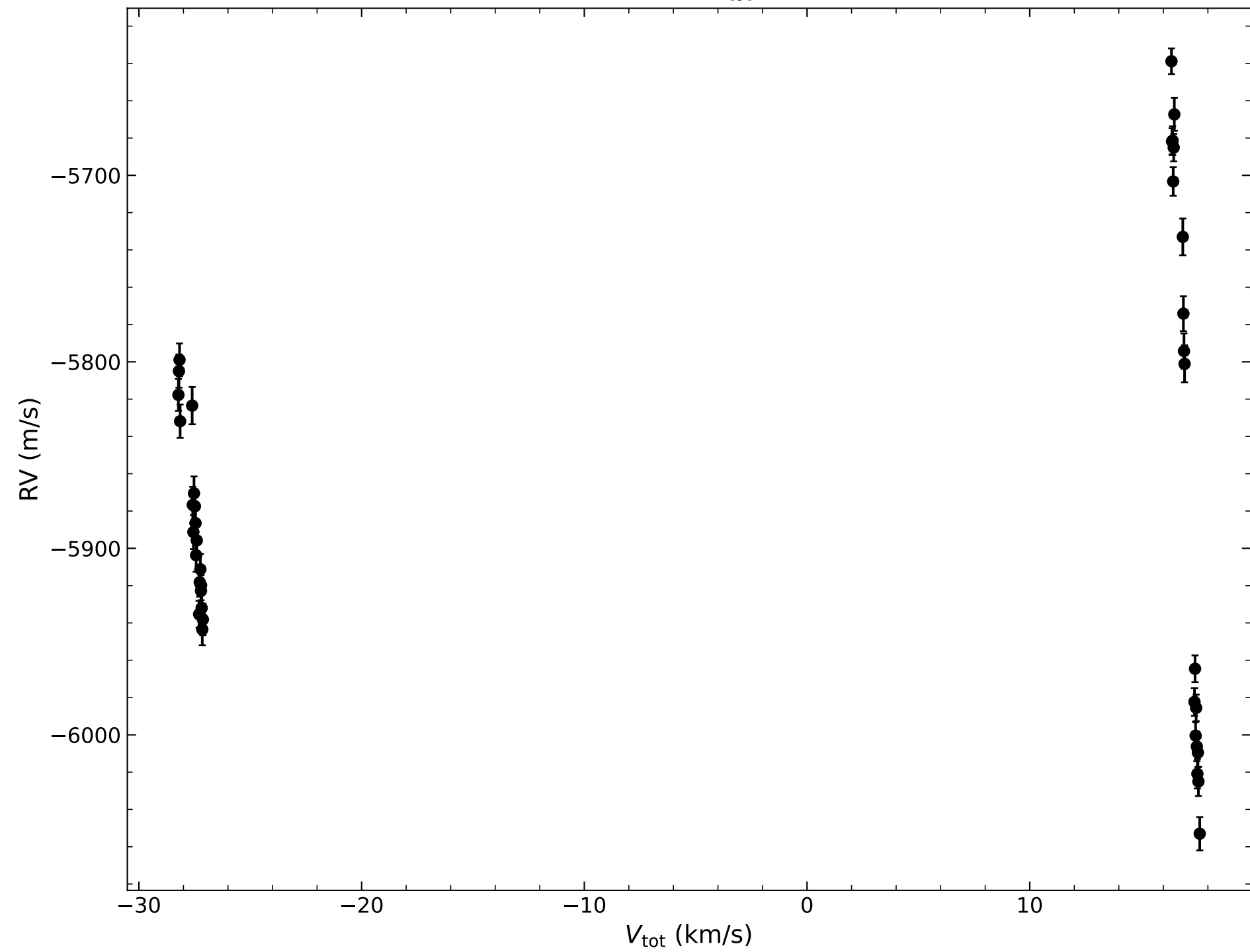
RV Curve



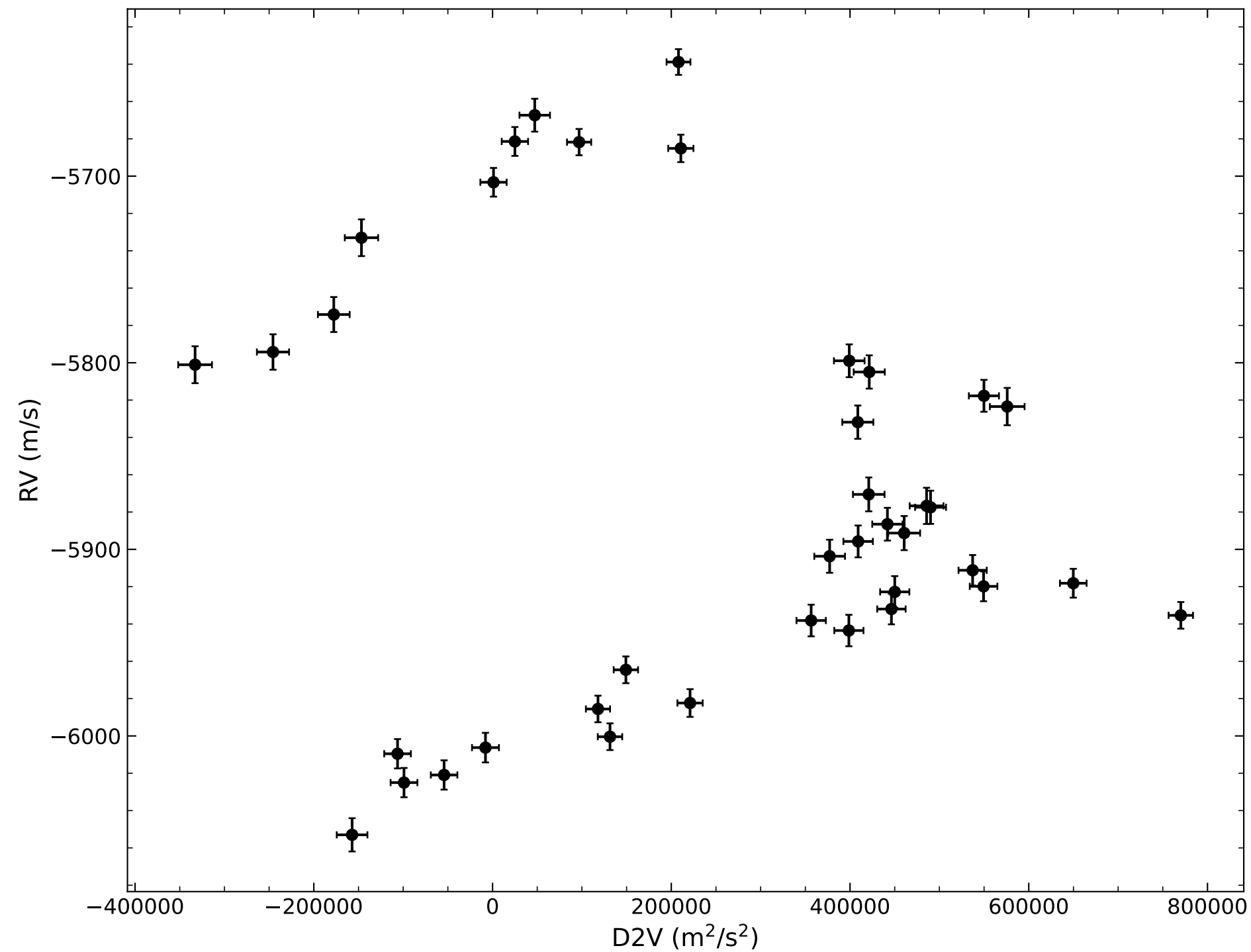
RV Curve (binned per night)





RV vs. V_{tot} 

RV vs. D2V



RV vs. D3V

