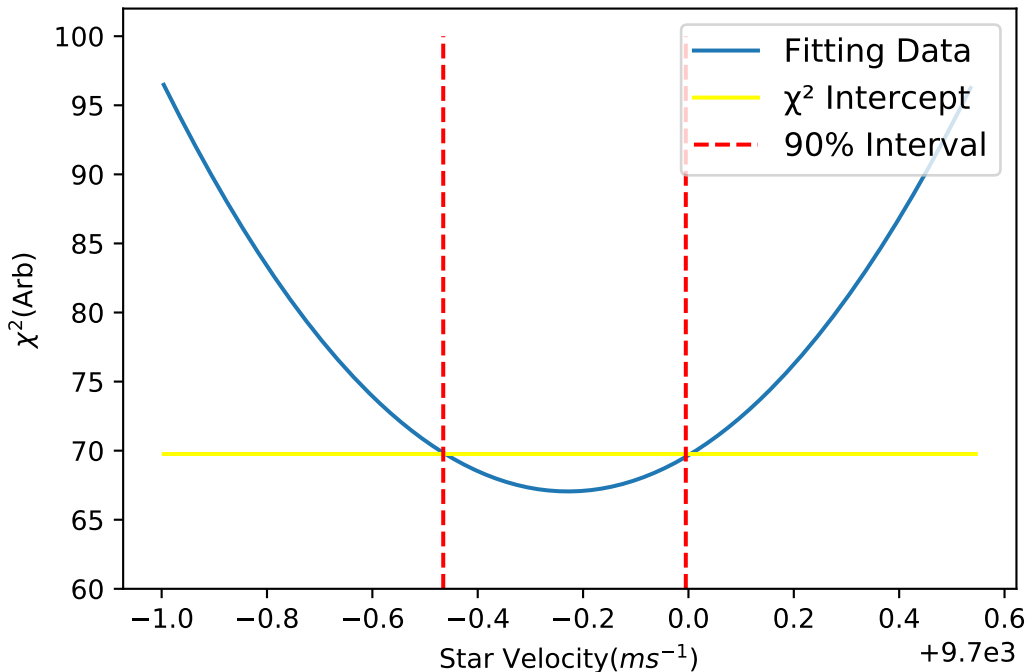


Graph Showing  $\chi^2$  Value for Different Star Velocities



$$\chi^2 = 67.049$$

$$v = 9699.8$$

$$90\% \text{ Interval: } 9699.5 < v < 9700$$