

Accretion onto the Secondary of Eta Carinae during the Spectroscopic Event

Noam Soker , Amit Kashi

Technion - Israel Institute of Technology

We show that near periastron passage the shocked primary wind becomes gravitationally bound to the secondary star. This result in accretion flow onto the secondary star, that almost shutdown the secondary wind. The accretion process is the mechanism of the deep X-ray minimum. Not only in present Eta Carinae, but also during the great eruption accretion played a key role.