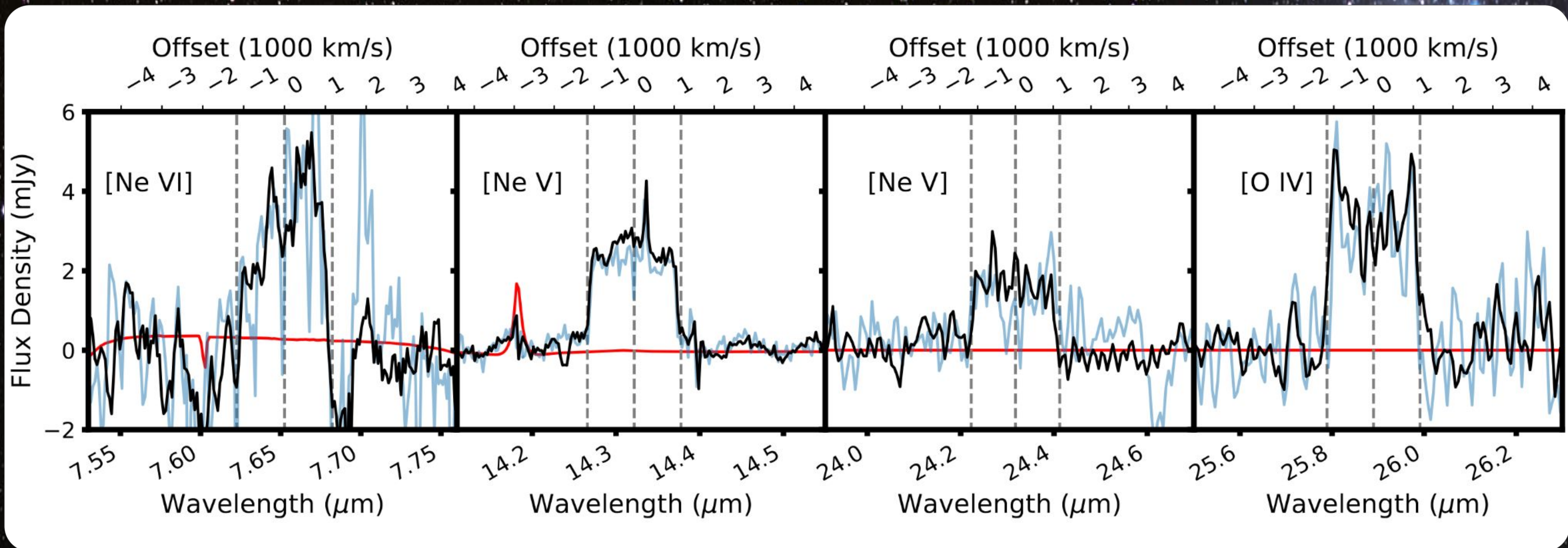
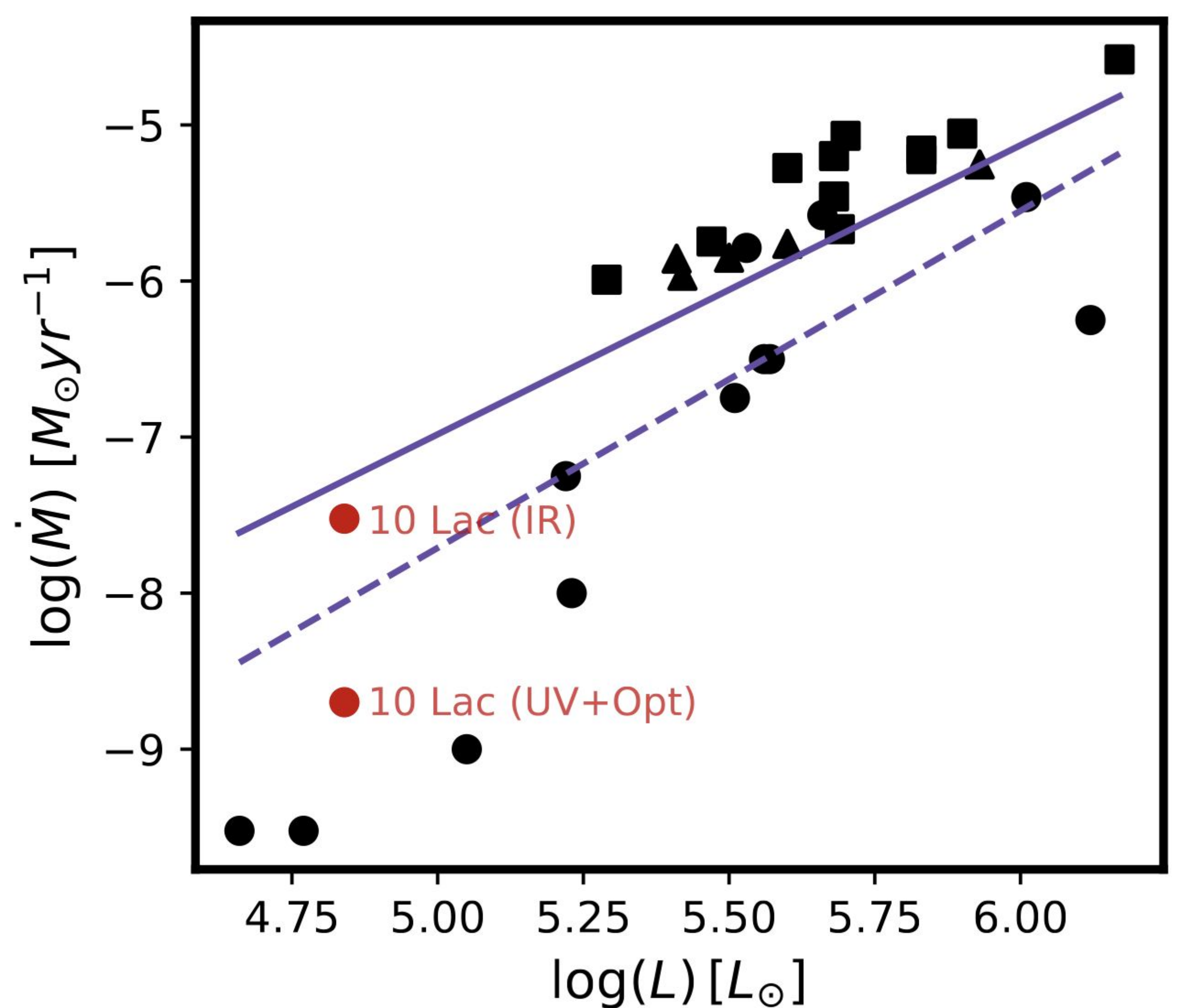
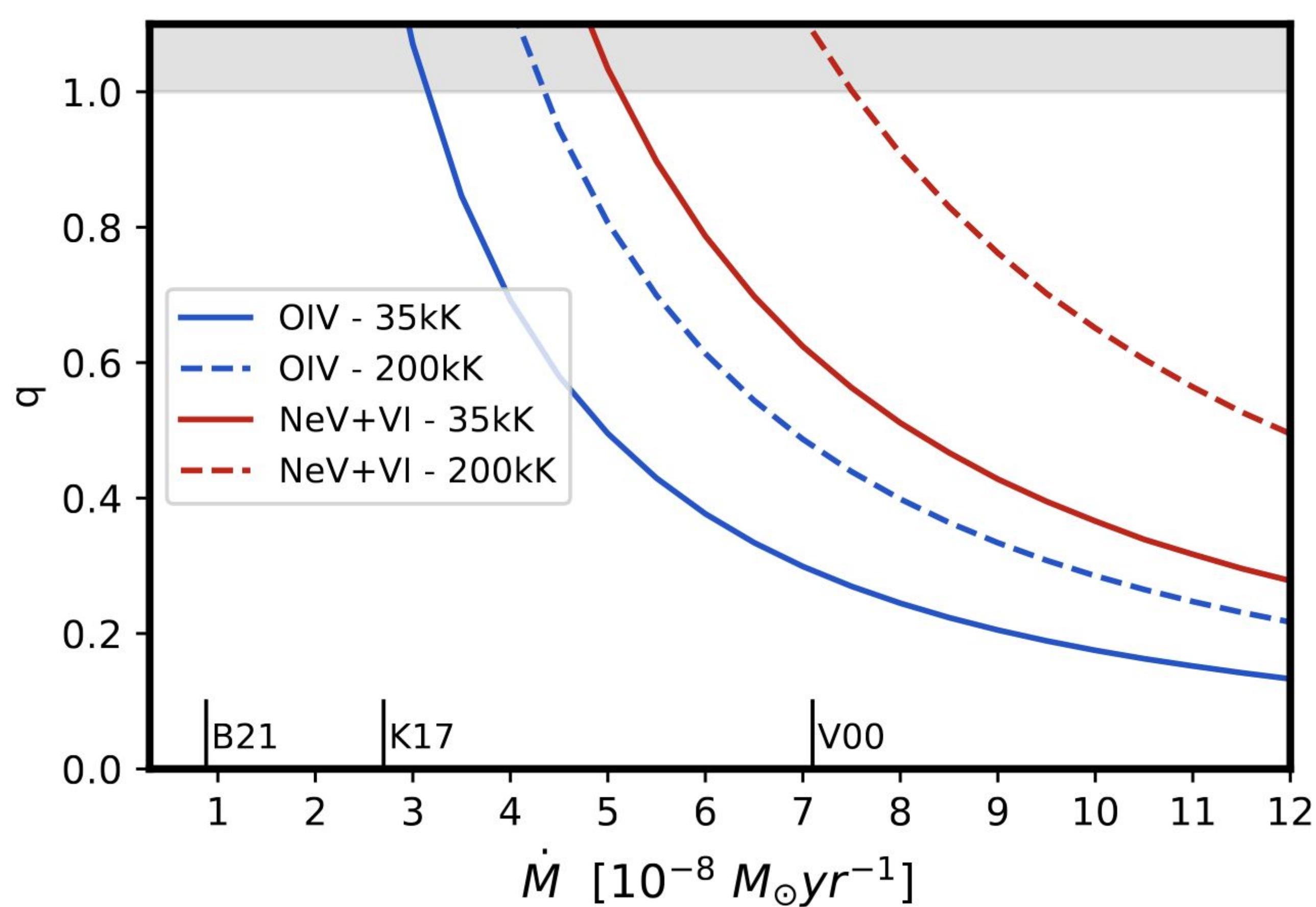


MIR wind emission in 10 Lac (O9V star)

Towards a solution to the weak-wind problem



JWST-MIRI observations of 10 Lac (O9V) show broad, flat-topped wind emission in fine structure lines of [Ne V], [Ne VI] and [O IV]



In combination with total ion abundance (q), the line flux gives an independent lower limit on the mass-loss rate

The mass-loss rate determined from the MIR lines is an order of magnitude larger than estimates based on UV+optical

20+ more stars to be observed thanks to successful JWST cycle 4 programme. Coming soon!



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Background Image Credit: ESO/S. Bruhler