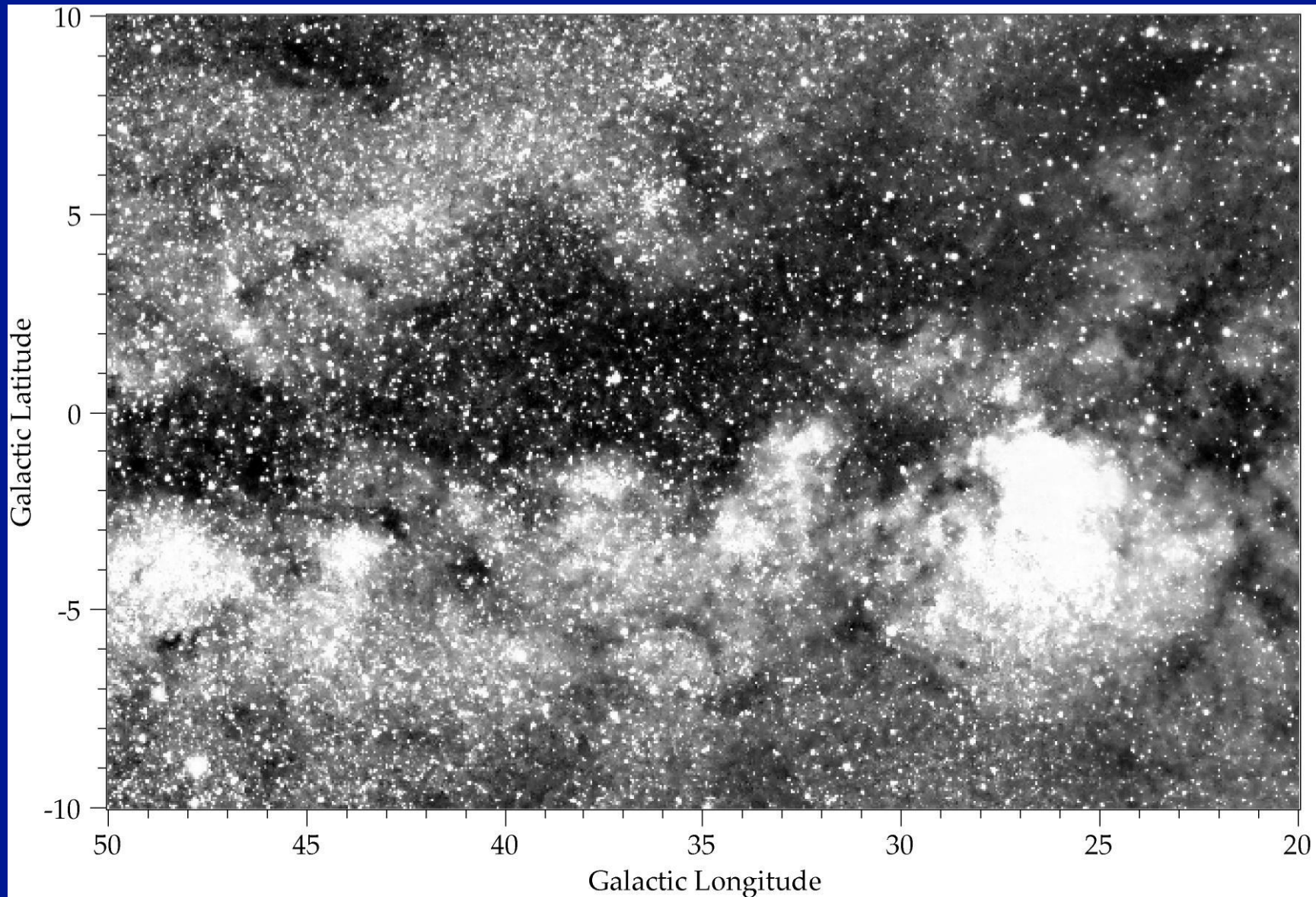
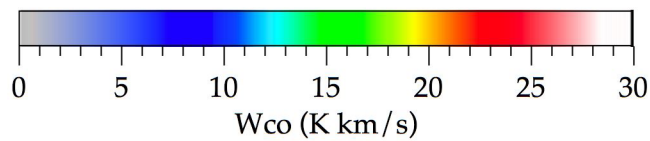
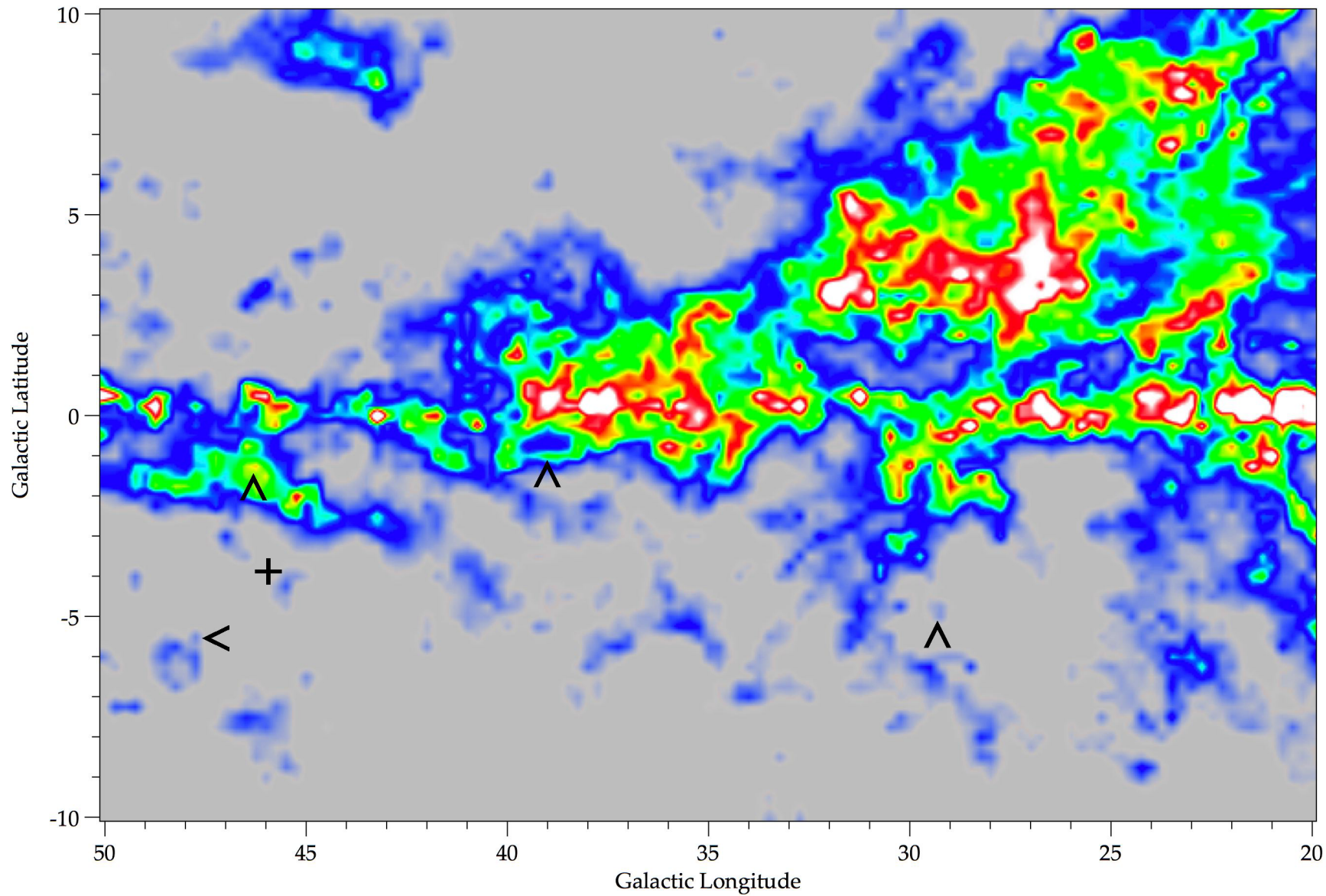


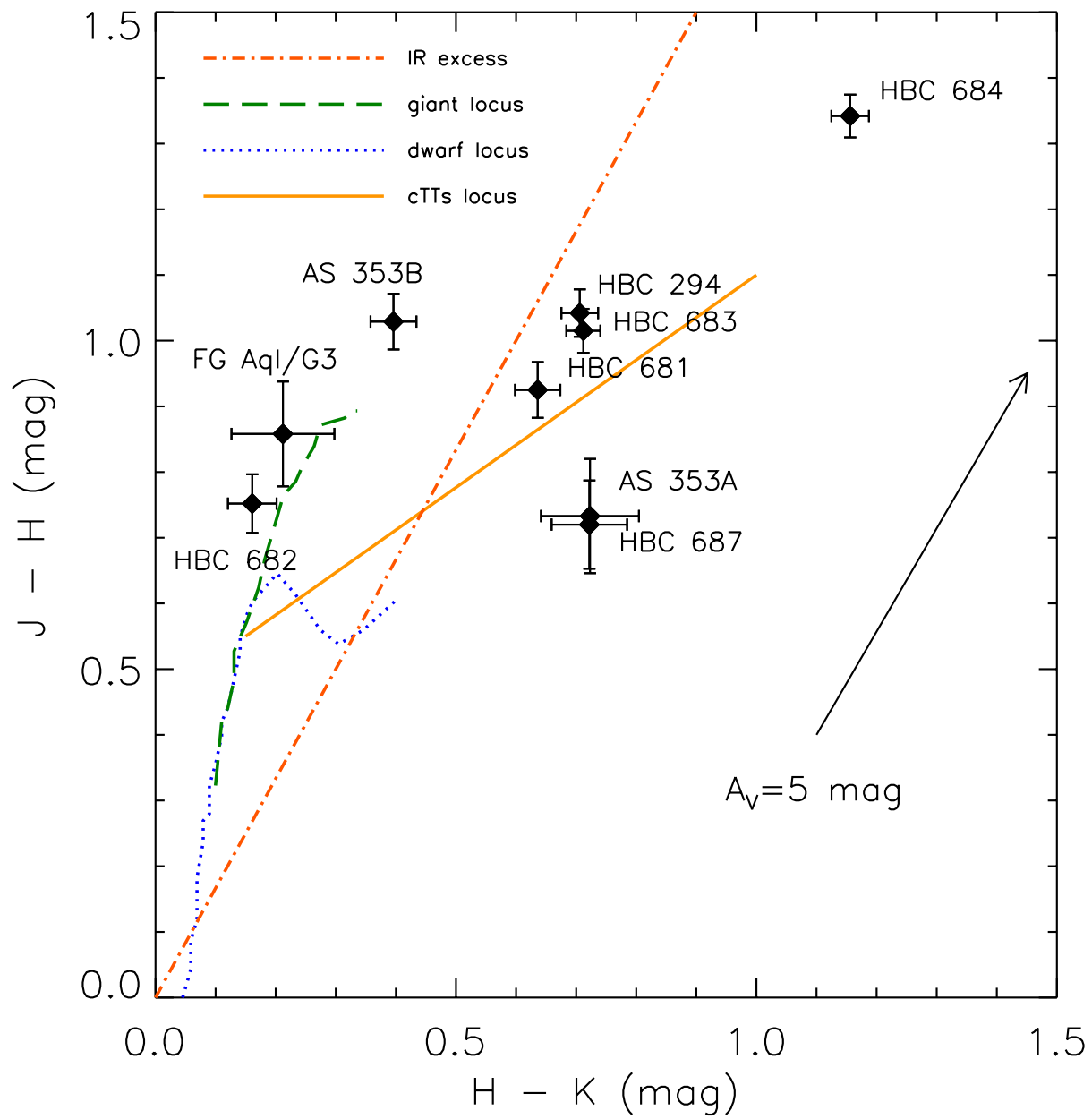
What is HBC 684 and What is it Doing?!

**Lisa Prato
Lowell
Observatory
9.21.18
+
Brian
Skiff**

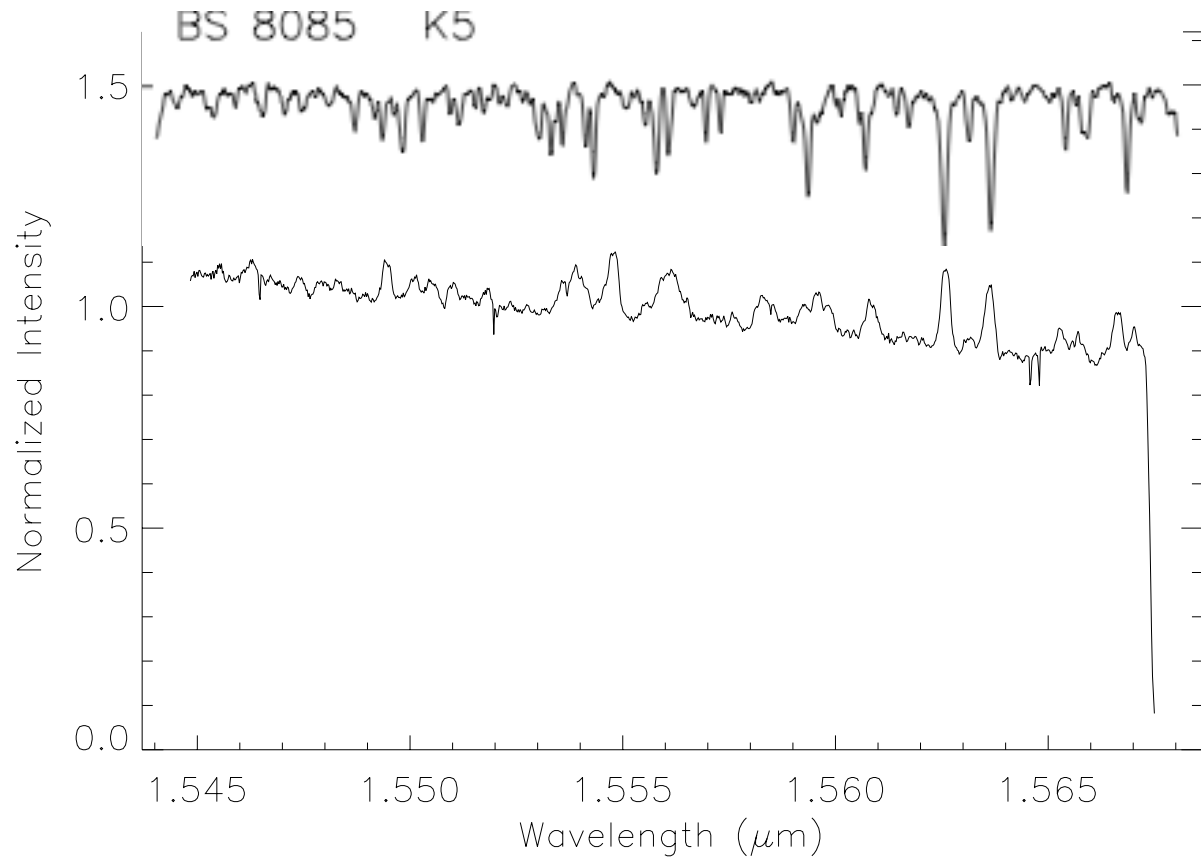


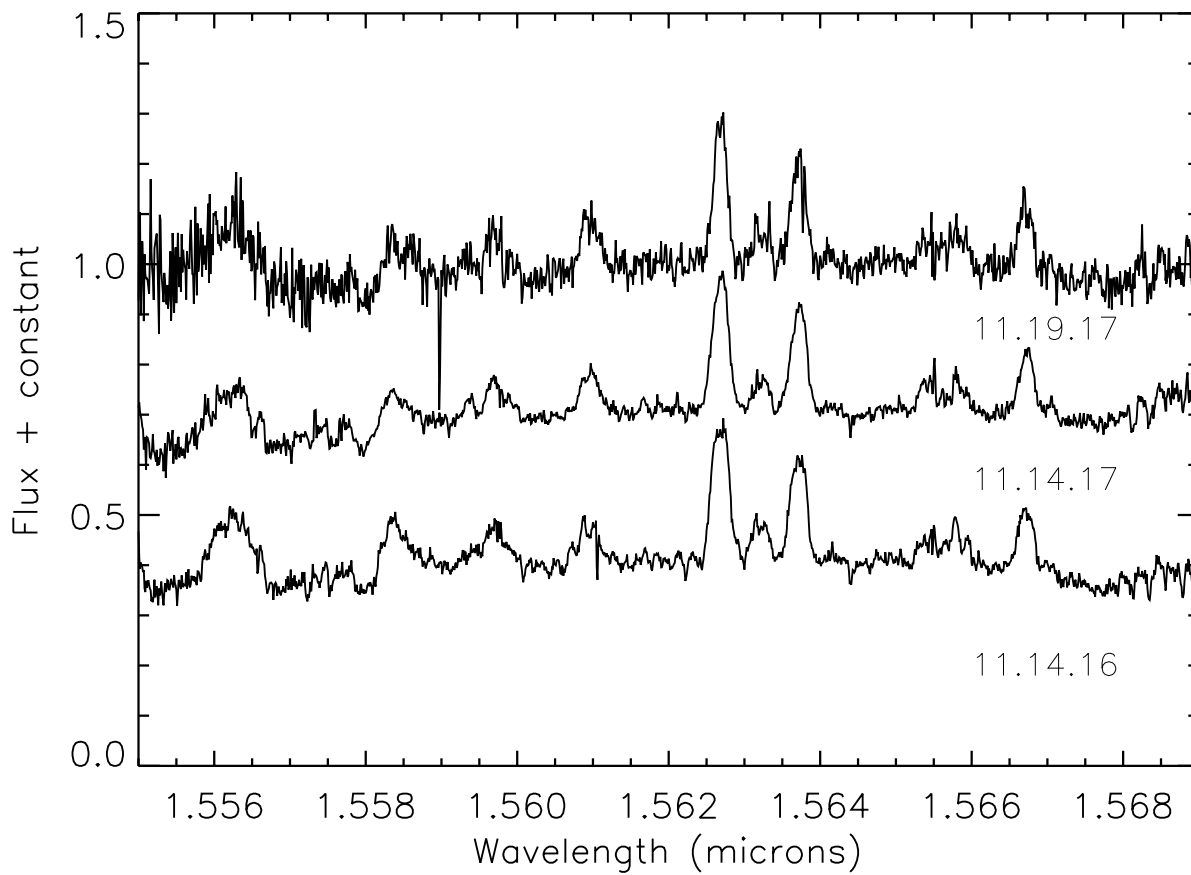
Prato et al. 2007



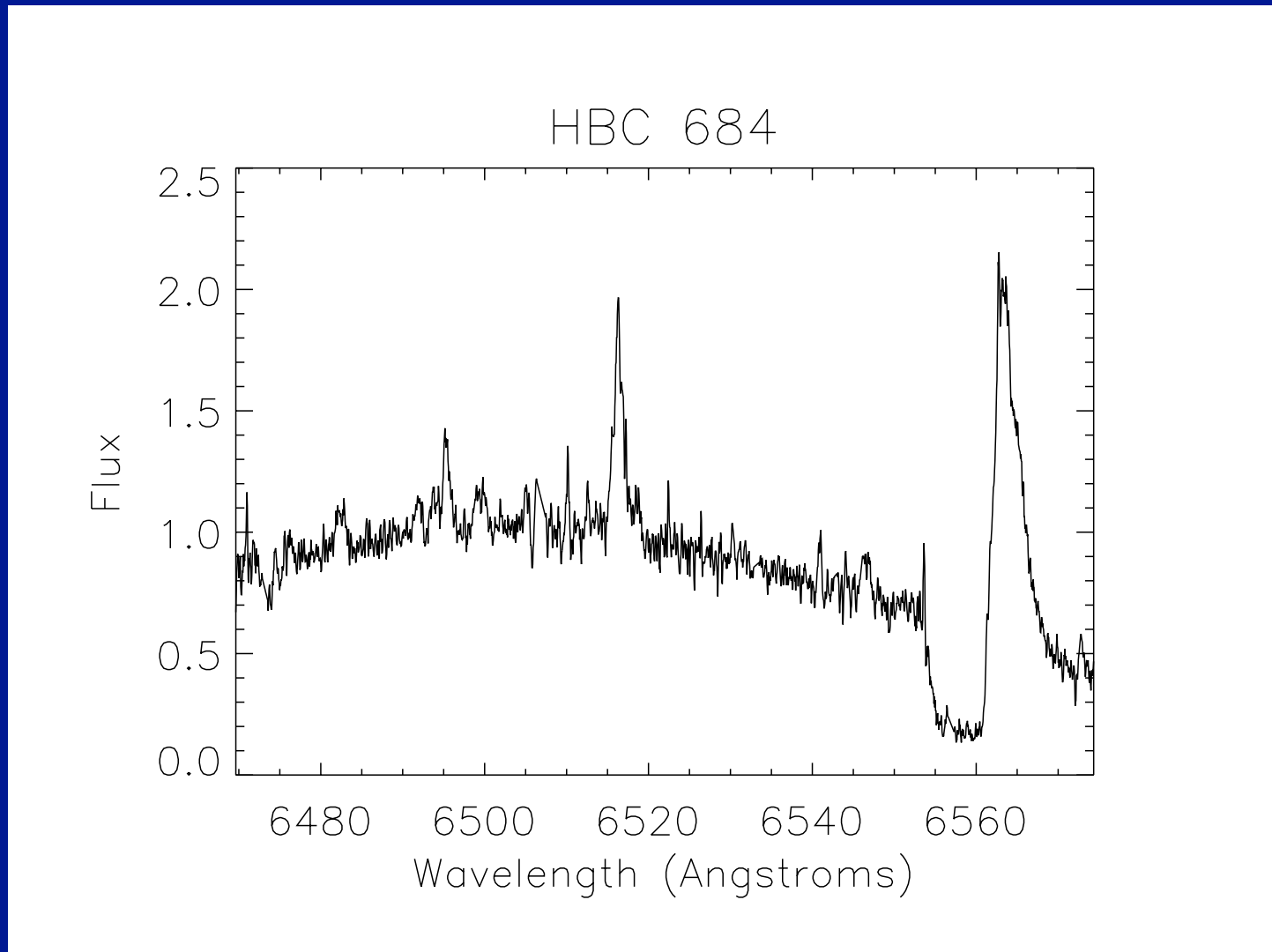


Rice, Prato, & McLean 2006



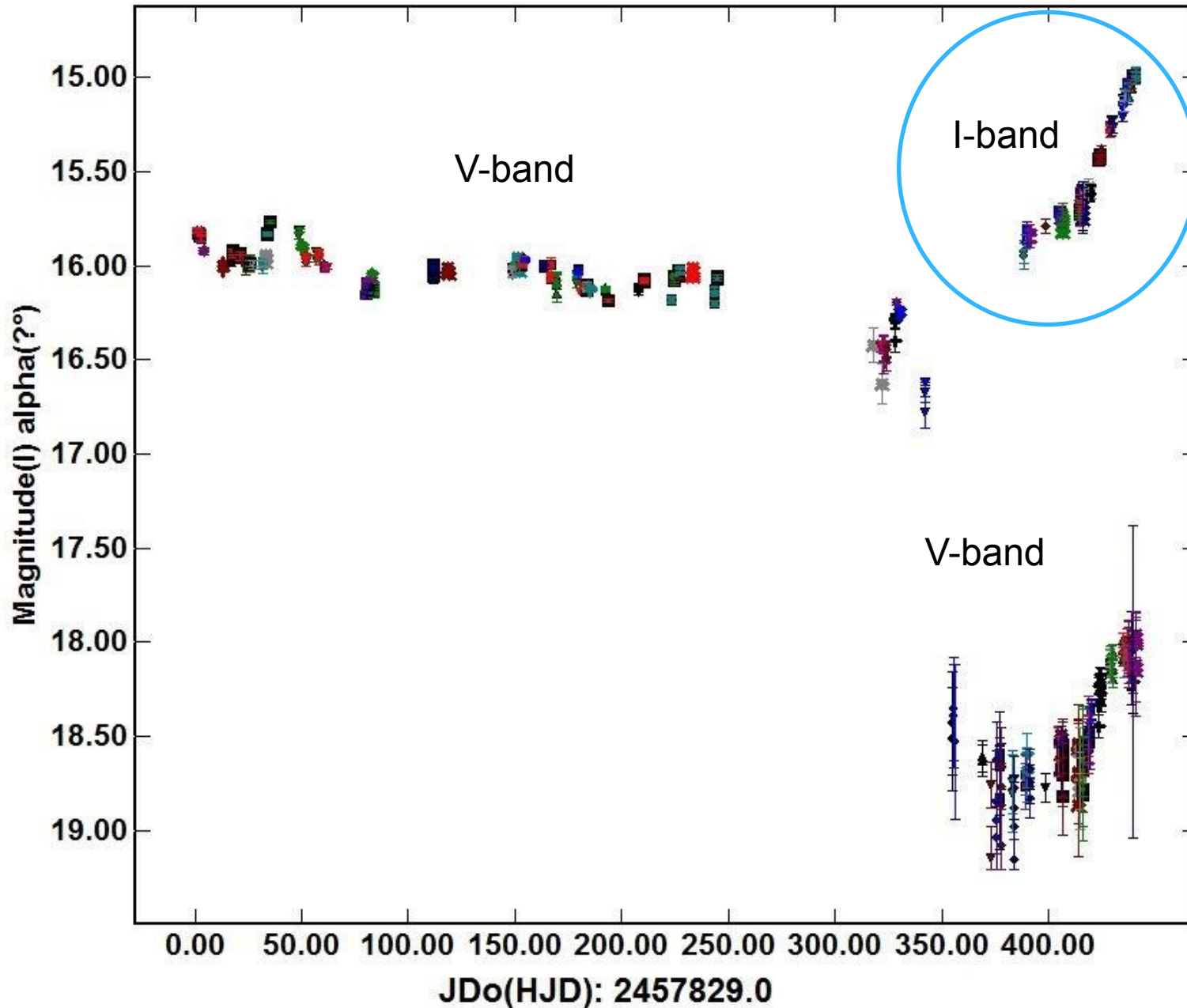


IGRINS + DCT

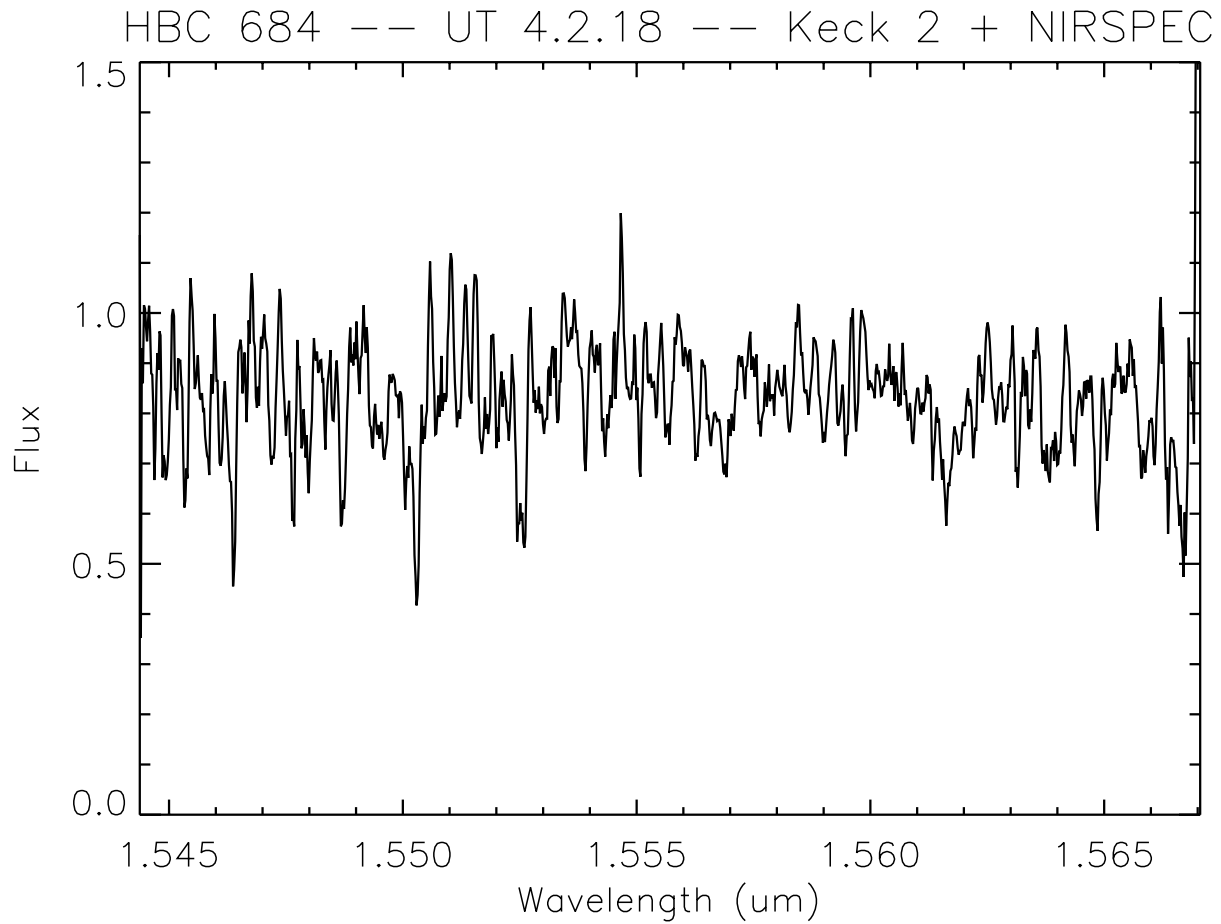


McD Obs 2dCoude: Halpha — P Cygni abs = ~200 km/s

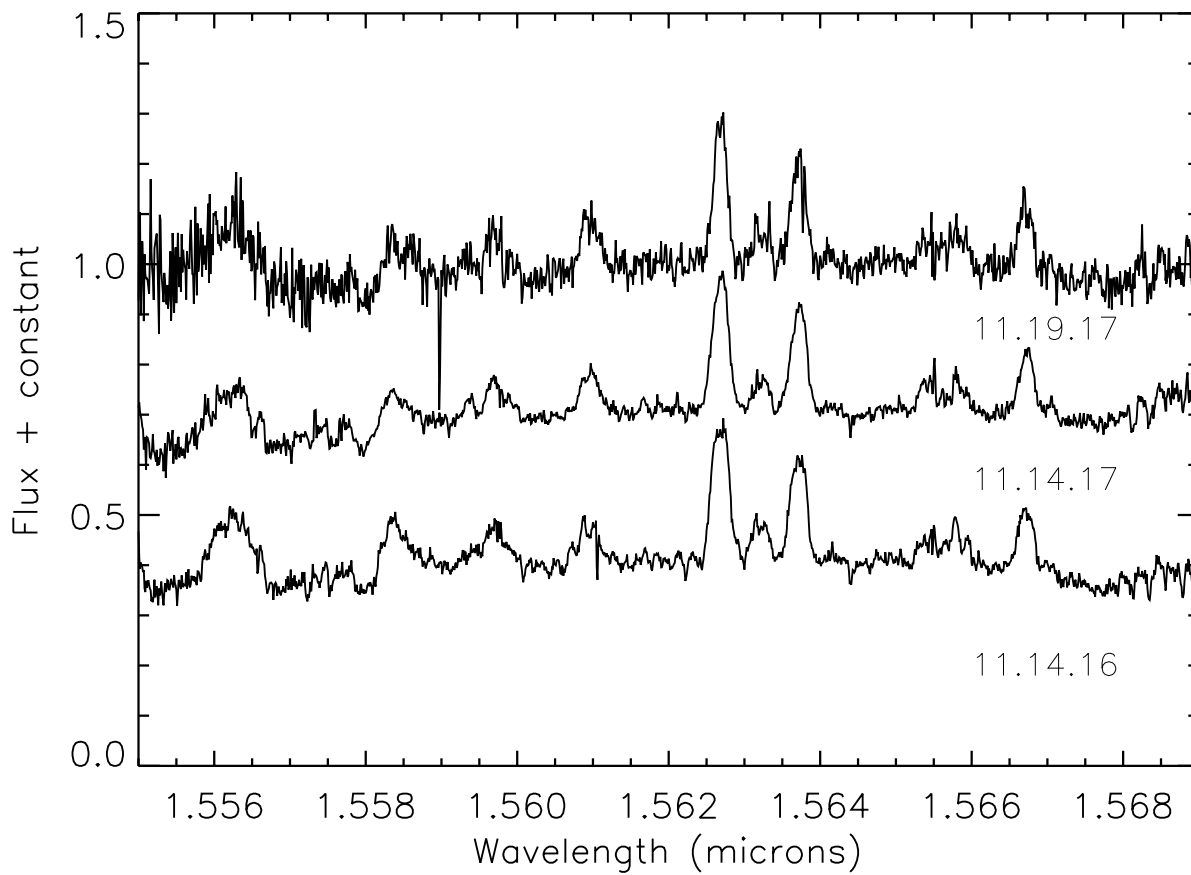
Raw Plot: HBC 684



- Year: 2017/18
- ◆ 11828 - 03/17
 - 11862 - 03/18
 - ▲ 11938 - 03/19
 - ◆ 11972 - 03/20
 - ◆ 12005 - 03/29
 - ▲ 12050 - 04/02
 - 12094 - 04/03
 - ▲ 12114 - 04/05
 - 12158 - 04/06
 - ▼ 12179 - 04/09
 - 12214 - 04/10
 - 12238 - 04/11
 - ◇ 12257 - 04/12
 - ▼ 12283 - 04/17
 - ✱ 12287 - 04/18
 - 12302 - 04/19
 - 12326 - 04/20
 - ▼ 12363 - 05/04
 - ◆ 12381 - 05/05
 - ◆ 12404 - 05/07
 - ▼ 12427 - 05/12
 - ◆ 12441 - 05/13
 - ◆ 12465 - 05/16
 - ◆ 12505 - 05/17
 - 12520 - 06/04
 - ◆ 12537 - 06/05
 - ◆ 12557 - 06/06
 - ◆ 12573 - 06/07
 - 12598 - 06/08
 - 12638 - 07/06
 - ◆ 12663 - 07/13
 - ▼ 12723 - 08/12
 - ◆ 12759 - 08/15
 - 12792 - 08/16
 - ▼ 12811 - 09/11
 - ▲ 12834 - 08/17



M6 star?!?



IGRINS + DCT

