

Table 5.5 – Variations of line profile parameters of H $_{\alpha}$ and H $_{\beta}$ in conjunction with the 2011 periastron passage. All the profiles are normalised to one. *EW* is an equivalent width; *I_v* and *I_r* are the relative intensities *I/I_c* of the violet and red peak, respectively; *V/R* is the ratio of violet to red peaks; *Rd/R** is disc’s radius with respect to stellar disc; *FWHM* is full width at half maximum of the line of interest; and *RV* is radial velocity in km/s, which was corrected for the heliocentric factor.

Date 2011/	MHJD+ 2455000	H-alpha						H-beta					
		EW	<i>I_v</i>	<i>I_r</i>	<i>V/R</i>	<i>Rd/R*</i>	FWHM	EW	<i>I_v</i>	<i>I_r</i>	<i>V/R</i>	<i>Rd/R*</i>	FWHM
		A					km/s	A					km/s
05/03	685.51	8.12	2.65	2.44	1.08	20.69	231.37	1.25	1.35	1.30	1.13	7.95	218.77
05/11	692.53	8.32	2.66	2.49	1.07	20.93	230.72	1.27	1.33	1.32	1.05	9.12	220.19
05/22	704.44	8.28	2.65	2.53	1.05	22.21	230.19	1.31	1.33	1.35	0.94	9.87	215.00
05/28	710.40	8.61	2.72	2.59	1.05	23.60	231.87	1.33	1.33	1.36	0.93	10.59	217.72
06/14	727.44	8.52	2.60	2.66	0.98	24.38	229.09	1.38	1.32	1.42	0.76	9.73	208.83
06/18	731.42	8.87	2.57	2.68	0.96	24.62	236.67	1.35	1.32	1.43	0.75	9.57	209.57
06/26	739.39	8.22	2.37	2.59	0.91	27.97	239.64	1.40	1.32	1.41	0.80	7.50	220.00
07/01	744.39	9.05	-	2.73	-	-	251.63	1.34	1.31	1.48	0.80	6.19	132.68
07/02	745.50	-9.12	-	2.82	-	-	248.67	1.52	1.30	1.47	0.64	6.76	219.01
07/04	747.38	-9.79	-	3.01	-	-	245.47	1.57	1.27	1.49	0.57	6.80	204.20
07/05	748.48	-10.09	-	3.09	-	-	243.64	1.63	1.30	1.53	0.59	6.39	209.02
07/08	751.37	-10.15	-	2.94	-	-	248.67	1.55	1.32	1.51	0.63	6.50	212.78
07/09	752.38	-10.78	-	2.89	-	-	250.04	1.61	1.35	1.51	0.70	7.12	217.72
07/10	753.37	-10.62	2.82	3.01	0.93	30.65	248.67	1.60	1.37	1.47	0.78	7.99	219.32
07/11	754.38	-10.19	2.70	2.85	0.95	27.25	245.47	1.59	1.39	1.46	0.83	11.41	218.89
07/17	760.40	-9.90	2.68	2.55	1.05	37.43	257.81	1.57	1.46	1.38	1.21	9.13	224.57
07/20	763.38	-10.37	2.79	2.75	1.01	53.17	239.99	1.58	1.46	1.41	1.12	11.23	217.47