

Table 2. Stark widths (FWHM) w (pm) and shifts d (pm) at electron density 10^{17} cm^{-3} of Cr II spectral lines, compared to experimental and theoretical values reported in the literature. Transitions sorted by wavelength. The temperature range is 12000-16300 K.

$\lambda(\text{\AA})$	Experimental				Theoretical			
	w	d	w^a	d^a	w^b	w^c	d^b	d^c
2055.596	3.7	1.4			3.42		-0.0402	
2061.575	3.4	1.4			3.42		-0.0402	
2107.944	4.1							
2121.257	4.7							
2215.065	5.3							
2297.169	4.7	1.6						
2314.721	5.0	1.5						
2397.748	5.9	1.6						
2416.393	6.2							
2534.333	5.3							
2573.532	7.8							
2575.788	5.7							
2584.107	4.0							
2653.578	5.3	-0.1						
2666.020	4.8	0.3			10.2		-0.0738	
2668.707	4.6	0.1			10.2		-0.0738	
2671.803	4.6	0.2			10.2		-0.0738	
2672.826	5.4	-0.2						
2678.789	5.0				10.2		-0.0738	
2691.040	4.3	0.3			10.2		-0.0738	
2693.528	4.9	0.2						
2712.303	5.9	-0.2						
2727.254	5.5							
2743.641	5.1				10.0		-0.927	
2748.980	5.0				10.0		-0.927	
2750.727	5.1	-0.1			10.0		-0.927	
2751.864	4.8	-0.1			10.0		-0.927	
2757.720	4.7	-0.1			10.0		-0.927	
2762.589	4.5				10.0		-0.927	
2766.531	4.4	-0.1			10.0		-0.927	
2774.430	6.3	1.3						
2785.692	5.7							
2792.151	5.4	0.0						
2800.758	6.4							
2832.452	6.2	0.9						
2835.629	5.0	0.1						
2838.778	5.5	0.2						
2840.013	5.4	0.1						
2843.249	5.1	0.0						
2849.837	5.1	-0.1						
2851.354	5.6							
2855.670	5.0							
2860.934	5.0	-0.2						
2862.571	4.7							
2870.432	6.5	0.4			22.3		-7.06	
2880.863	6.9	0.3			22.3		-7.06	
2927.083	6.9							
2930.847	6.6	-0.1						
2935.132	6.6							
2936.933	7.2	0.0						
2941.957	6.6	0.7						
2961.721	6.2	-0.2						
2966.038	5.5	0.2						
2971.899	7.1							
2976.709	6.0	-0.1						
2979.736	7.0	-0.4						
2989.190	6.8							
3003.911	6.2							
3028.124	7.7							
3040.924	8.0							
3041.720	9.2							
3050.130	7.5	1.0						
3107.563	7.9							

Table 2 - continued

$\lambda(\text{\AA})$	Experimental				Theoretical			
	w	d	w^a	d^a	w^b	w^c	d^b	d^c
3118.646	7.6	-0.2			27.8		-9.06	
3120.359	7.5	-0.2	22.6	-11	27.8		-9.06	
3122.596	6.3	0.1						
3124.973	7.4	-0.1	26	-12	27.8		-9.06	
3128.692	7.1	-0.2			27.8		-9.06	
3132.053	7.2	-0.1	34	-10	27.8		-9.06	
3147.220	7.5	-0.2			27.8		-9.06	
3152.213	7.2	-0.2						
3172.070	7.8	-0.1						
3180.693	10.7				10.8		1.97	
3183.326	8.5							
3209.176	10.9				10.8		1.97	
3291.763	9.2							
3295.423	7.9	-0.4						
3306.955	7.8	0.0						
3342.576	8.7	-0.2			29.7		-9.52	
3360.291	12.1					10.8		0.392
3368.041	9.1	-0.2			29.7		-9.52	
3421.202	8.9				29.7		-9.52	
3422.732	8.5				29.7		-9.52	

^aRathore et al. (1984). Temperature 13700 K.^bDimitrijević et al. (2007). Data interpolated to a temperature of 14000 K.^cSimić et al. (2013). Data interpolated to a temperature of 14000 K.