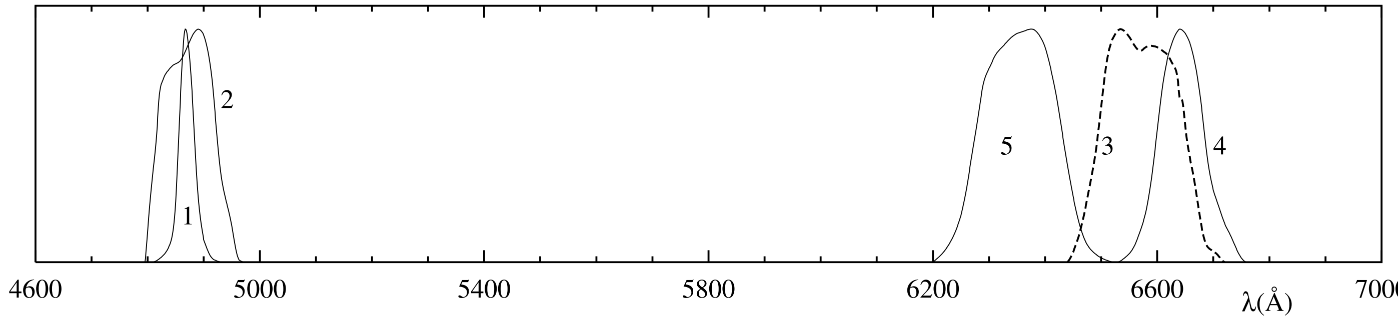
$H\alpha, \beta$ - Peton et al. - 1972



1				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4870$	$\lambda_\circ = 4870$	$\lambda_{peak} = 4867$	$\lambda_{gauss} = 4869$	4871	4872	4870	4870	4871	4869
WHM = 30	W10% = 57	W80% = 17	FWHM = 31	[33]	[34]	[33]	[33]	[33]	[33]
$W_\circ = 33$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.12\,^{1.10}_{1.15}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.452}_{0.451}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 15$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.19\,^{1.17}_{1.25}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.452}_{0.452}$	*Sun*	4868	4869	4862	4864	4866	4871
$I_{asym} = 0.02$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.28\,^{1.24}_{1.37}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.618, 0.068)^{r=1.00}_{B3}$	$(3.887, 0.086)^{r=1.00}_{Sun}$		$(4.438, 0.074)^{r=1.00}_{M2}$			
$I_{kurt} = 0.89$	$\lambda_{eff} = 4869.9 + 0.2 \times E(B-V)$ r=1.00			$W_{eff} = 32.9 - 0.0 \times E(B-V)$ r=−0.96					
	$\lambda_{eff}(T) = 4870 + 0 \times \theta + 0 \times \theta^2 - 0 \times \theta^3$			$W_{eff}(T) = 33 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

2				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4870$	$\lambda_\circ = 4873$	$\lambda_{peak} = 4890$	$\lambda_{gauss} = 4872$	4873	4874	4873	4873	4879	4869
WHM = 111	W10% = 154	W80% = 83	FWHM = 101	[109]	[110]	[109]	[108]	[105]	[103]
$W_\circ = 108$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.11\,^{1.10}_{1.15}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.450}_{0.448}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 37$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.19\,^{1.17}_{1.25}$	$a = {}^{1.016}_{1.016}$ $b = {}^{0.450}_{0.448}$	*Sun*	4873	4872	4877	4867	4895	4874
$I_{asym} = 0.03$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.28\,^{1.24}_{1.36}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.616, 0.067)^{r=1.00}_{B3}$	$(3.884, 0.085)^{r=1.00}_{Sun}$		$(4.429, 0.073)^{r=1.00}_{M2}$			
$I_{kurt} = -0.87$	$\lambda_{eff} = 4873.1 + 1.3 \times E(B-V)$ r=1.00			$W_{eff} = 107.8 - 0.2 \times E(B-V)$ r=−0.96					
	$\lambda_{eff}(T) = 4872 + 2 \times \theta + 2 \times \theta^2 - 1 \times \theta^3$			$W_{eff}(T) = 108 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

5				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6354$	$\lambda_\circ = 6354$	$\lambda_{peak} = 6375$	$\lambda_{gauss} = 6354$	6352	6352	6353	6354	6360	6353
WHM = 162	W10% = 235	W80% = 118	FWHM = 153	[162]	[162]	[162]	[162]	[159]	[160]
$W_\circ = 162$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.87\,^{0.86}_{0.90}$	$a = {}^{0.929}_{0.929}$ $b = {}^{-0.243}_{-0.243}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 55$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.81\,^{0.80}_{0.85}$	$a = {}^{0.929}_{0.929}$ $b = {}^{-0.243}_{-0.244}$	*Sun*	6356	6355	6329	6352	6347	6352
$I_{asym} = -0.02$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.74\,^{0.72}_{0.79}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.483, 0.046)^{r=1.00}_{B3}$	$(2.667, 0.058)^{r=1.00}_{Sun}$		$(3.042, 0.050)^{r=1.00}_{M2}$			
$I_{kurt} = -0.63$	$\lambda_{eff} = 6353.8 + 1.7 \times E(B-V)$ r=1.00			$W_{eff} = 162.5 - 0.3 \times E(B-V)$ r=−0.96					
	$\lambda_{eff}(T) = 6352 + 2 \times \theta + 3 \times \theta^2 - 1 \times \theta^3$			$W_{eff}(T) = 162 + 1 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

3				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6573$	$\lambda_\circ = 6572$	$\lambda_{peak} = 6535$	$\lambda_{gauss} = 6571$	6571	6571	6572	6572	6571	6579
WHM = 163	W10% = 225	W80% = 129	FWHM = 152	[162]	[162]	[162]	[162]	[160]	[161]
$W_\circ = 162$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\,^{0.83}_{0.87}$	$a = {}^{0.908}_{0.908}$ $b = {}^{-0.284}_{-0.284}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 54$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.77\,^{0.76}_{0.81}$	$a = {}^{0.908}_{0.908}$ $b = {}^{-0.284}_{-0.284}$	*Sun*	6571	6572	6572	6570	6568	6572
$I_{asym} = 0.06$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\,^{0.67}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.363, 0.044)^{r=1.00}_{B3}$	$(2.538, 0.056)^{r=1.00}_{Sun}$		$(2.899, 0.048)^{r=1.00}_{M2}$			
$I_{kurt} = -0.83$	$\lambda_{eff} = 6572.1 + 1.5 \times E(B-V)$ r=1.00			$W_{eff} = 161.6 - 0.2 \times E(B-V)$ r=−0.96					
	$\lambda_{eff}(T) = 6570 + 2 \times \theta + 2 \times \theta^2 - 1 \times \theta^3$			$W_{eff}(T) = 161 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					

4				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6642$	$\lambda_\circ = 6644$	$\lambda_{peak} = 6641$	$\lambda_{gauss} = 6643$	6644	6645	6644	6644	6640	6647
WHM = 90	W10% = 169	W80% = 59	FWHM = 92	[97]	[96]	[97]	[97]	[96]	[97]
$W_\circ = 97$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.83\,^{0.82}_{0.85}$	$a = {}^{0.901}_{0.901}$ $b = {}^{-0.297}_{-0.297}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 37$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.76\,^{0.75}_{0.80}$	$a = {}^{0.901}_{0.901}$ $b = {}^{-0.297}_{-0.298}$	*Sun*	6642	6642	6588	6594	6594	6646
$I_{asym} = 0.13$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.68\,^{0.66}_{0.72}$	$\frac{A(\lambda)}{E(B-V)}$:	$(2.324, 0.043)^{r=1.00}_{B3}$	$(2.497, 0.055)^{r=1.00}_{Sun}$		$(2.854, 0.047)^{r=1.00}_{M2}$			
$I_{kurt} = -0.20$	$\lambda_{eff} = 6644.5 + 0.7 \times E(B-V)$ r=1.00			$W_{eff} = 97.5 - 0.1 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 6644 + 1 \times \theta + 1 \times \theta^2 - 0 \times \theta^3$			$W_{eff}(T) = 97 + 0 \times \theta - 0 \times \theta^2 - 0 \times \theta^3$					