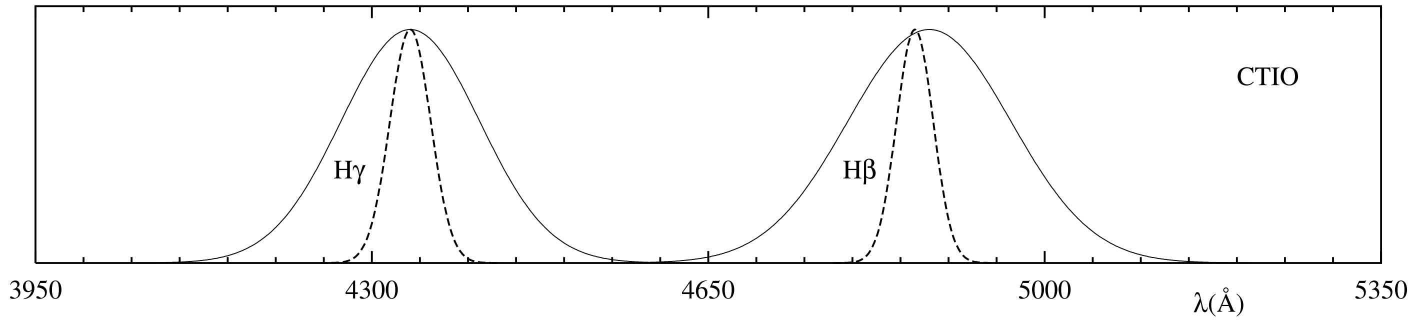

Hβ_{wide} (interference filter) assumed profile: gaussian

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4880$	4875	4877	4878	4880	4886	4863
WHM = 200	[212]	[213]	[212]	[210]	[211]	[173]

$W_\circ = 213$

		WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.11\ ^{1.10}_{1.15}$	$a = ^{1.016}_{1.016}$ $b = ^{0.447}_{0.440}$ *B3*						
$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.18\ ^{1.17}_{1.25}$	$a = ^{1.016}_{1.016}$ $b = ^{0.444}_{0.437}$ *Sun*	4862	4856	4968	4878	4967	4877
$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.27\ ^{1.24}_{1.37}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.614, 0.064)^{r=1.00}_{B3}$	$(3.879, 0.082)^{r=1.00}_{Sun}$	$(4.421, 0.069)^{r=1.00}_{M2}$			

$\lambda_{eff} = 4879.9 + 6.9 \times E(B-V)$ r=1.00 | $W_{eff} = 213.5 - 2.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 4873.9 + 11.4 \times \theta + 9.2 \times \theta^2 - 4.6 \times \theta^3$ | $W_{eff}(T) = 212.1 + 3.8 \times \theta - 4.2 \times \theta^2 - 1.3 \times \theta^3$

Hβ_{narrow} (interference filter) assumed profile: gaussian

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4865$	4865	4865	4865	4865	4867	4863
WHM = 45	[48]	[49]	[48]	[48]	[48]	[47]

$W_\circ = 48$

		WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.12\ ^{1.10}_{1.15}$	$a = ^{1.015}_{1.016}$ $b = ^{0.457}_{0.457}$ *B3*						
$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.19\ ^{1.17}_{1.25}$	$a = ^{1.015}_{1.016}$ $b = ^{0.457}_{0.457}$ *Sun*	4865	4864	4861	4863	4863	4865
$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.28\ ^{1.25}_{1.37}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.623, 0.068)^{r=1.00}_{B3}$	$(3.893, 0.086)^{r=1.00}_{Sun}$	$(4.444, 0.074)^{r=1.00}_{M2}$			

$\lambda_{eff} = 4865.0 + 0.3 \times E(B-V)$ r=1.00 | $W_{eff} = 47.9 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 4864.7 + 0.6 \times \theta + 0.5 \times \theta^2 - 0.2 \times \theta^3$ | $W_{eff}(T) = 47.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

Hγ_{wide} (interference filter) assumed profile: gaussian

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4340$	4336	4336	4345	4352	4359	4416
WHM = 170	[181]	[181]	[183]	[179]	[175]	[55]

$W_\circ = 181$

		WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.22\ ^{1.20}_{1.24}$	$a = ^{0.997}_{0.997}$ $b = ^{1.090}_{1.084}$ *B3*						
$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.36\ ^{1.34}_{1.40}$	$a = ^{0.997}_{0.997}$ $b = ^{1.078}_{1.072}$ *Sun*	4339	4340	4343	4339	4344	4336
$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.53\ ^{1.49}_{1.60}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.139, 0.075)^{r=1.00}_{B3}$	$(4.438, 0.095)^{r=1.00}_{Sun}$	$(5.053, 0.081)^{r=1.00}_{M2}$			

$\lambda_{eff} = 4339.9 + 4.7 \times E(B-V)$ r=1.00 | $W_{eff} = 181.3 - 1.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4335.0 + 11.1 \times \theta + 7.7 \times \theta^2 - 3.9 \times \theta^3$ | $W_{eff}(T) = 180.3 + 3.5 \times \theta - 4.8 \times \theta^2 - 0.9 \times \theta^3$

Hγ_{narrow} (interference filter) assumed profile: gaussian

	B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4340$	4339	4339	4342	4342	4343	4347
WHM = 50	[53]	[55]	[50]	[50]	[49]	[65]

$W_\circ = 53$

		WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 1.22\ ^{1.20}_{1.25}$	$a = ^{0.997}_{0.997}$ $b = ^{1.085}_{1.084}$ *B3*						
$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 1.36\ ^{1.34}_{1.42}$	$a = ^{0.997}_{0.997}$ $b = ^{1.082}_{1.081}$ *Sun*	4340	4340	4342	4340	4345	4339
$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 1.53\ ^{1.49}_{1.63}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.137, 0.077)^{r=1.00}_{B3}$	$(4.442, 0.098)^{r=1.00}_{Sun}$	$(5.072, 0.084)^{r=1.00}_{M2}$			

$\lambda_{eff} = 4340.0 + 0.4 \times E(B-V)$ r=1.00 | $W_{eff} = 53.2 - 0.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4339.6 + 1.0 \times \theta + 0.7 \times \theta^2 - 0.3 \times \theta^3$ | $W_{eff}(T) = 53.2 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$