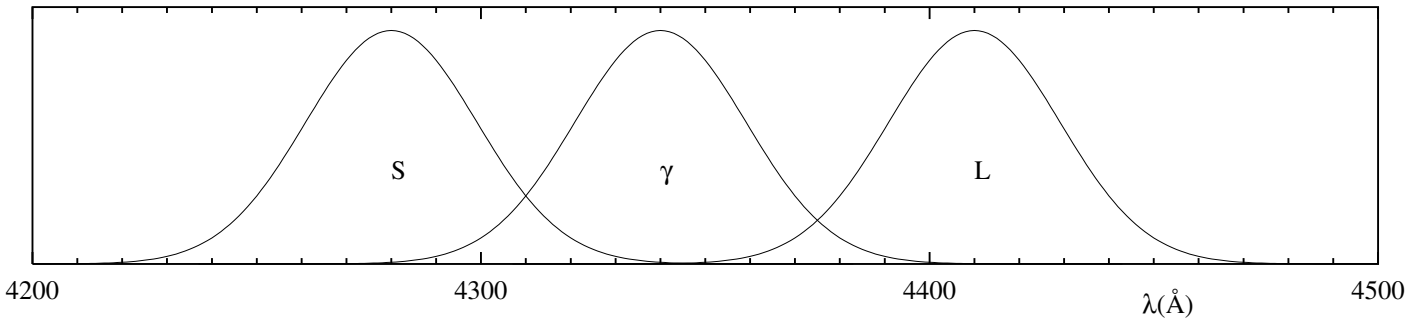
$H\gamma$ - *Bappu et al. - 1962*



S (interference filter) assumed profile: gaussian

$\lambda_c = 4280$
WHM = 45
$W_\circ = 48$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4280	4279	4278	4279	4281	4277
[47]	[46]	[46]	[47]	[47]	[47]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.23\ ^{1.22}_{1.27}$ $a = {}^{0.994}_{0.994}$ $b = {}^{1.161}_{1.161}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.37\ ^{1.35}_{1.44}$ $a = {}^{0.994}_{0.994}$ $b = {}^{1.163}_{1.163}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.56\ ^{1.52}_{1.67}$ $\frac{A(\lambda)}{E(B-V)}$: $(4.191, 0.078)^{r=1.00}_{B3}$ $(4.504, 0.099)^{r=1.00}_{Sun}$ $(5.141, 0.085)^{r=1.00}_{M2}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4280	4280	4283	4281	4280	4278

$\lambda_{eff} = 4280.0 + 0.3 \times E(B-V)$ r=1.00

$\lambda_{eff}(T) = 4279.6 + 0.8 \times \theta + 0.6 \times \theta^2 - 0.3 \times \theta^3$

$W_{eff} = 46.9 - 0.0 \times E(B-V)$ r=-0.95

$W_{eff}(T) = 46.9 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

γ (interference filter) assumed profile: gaussian

$\lambda_c = 4340$
WHM = 45
$W_\circ = 48$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4340	4339	4341	4342	4343	4342
[47]	[48]	[45]	[45]	[45]	[56]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.22\ ^{1.20}_{1.26}$ $a = {}^{0.997}_{0.997}$ $b = {}^{1.085}_{1.084}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.36\ ^{1.34}_{1.42}$ $a = {}^{0.997}_{0.997}$ $b = {}^{1.082}_{1.082}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.53\ ^{1.49}_{1.64}$ $\frac{A(\lambda)}{E(B-V)}$: $(4.137, 0.077)^{r=1.00}_{B3}$ $(4.442, 0.098)^{r=1.00}_{Sun}$ $(5.072, 0.084)^{r=1.00}_{M2}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4340	4339	4342	4340	4345	4340

$\lambda_{eff} = 4340.0 + 0.3 \times E(B-V)$ r=1.00

$\lambda_{eff}(T) = 4339.6 + 0.8 \times \theta + 0.5 \times \theta^2 - 0.3 \times \theta^3$

$W_{eff} = 46.9 - 0.0 \times E(B-V)$ r=-0.95

$W_{eff}(T) = 46.9 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

L (interference filter) assumed profile: gaussian

$\lambda_c = 4410$
WHM = 45
$W_\circ = 48$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4410	4410	4411	4411	4411	4416
[47]	[47]	[46]	[46]	[46]	[40]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.20\ ^{1.19}_{1.24}$ $a = {}^{1.000}_{1.000}$ $b = {}^{0.994}_{0.994}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.33\ ^{1.31}_{1.40}$ $a = {}^{1.000}_{1.000}$ $b = {}^{0.993}_{0.992}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.50\ ^{1.46}_{1.60}$ $\frac{A(\lambda)}{E(B-V)}$: $(4.071, 0.076)^{r=1.00}_{B3}$ $(4.372, 0.096)^{r=1.00}_{Sun}$ $(4.994, 0.083)^{r=1.00}_{M2}$

WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4409	4412	4405	4410	4406	4411

$\lambda_{eff} = 4410.0 + 0.3 \times E(B-V)$ r=1.00

$\lambda_{eff}(T) = 4409.7 + 0.7 \times \theta + 0.5 \times \theta^2 - 0.3 \times \theta^3$

$W_{eff} = 46.9 - 0.0 \times E(B-V)$ r=-0.96

$W_{eff}(T) = 46.9 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$