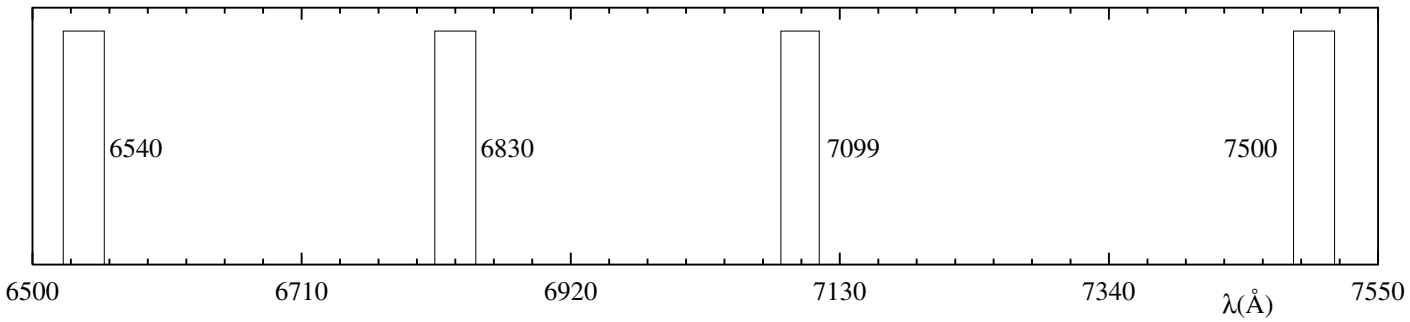
Hartwick et al. - 1984



6540 original profile: rectangular

$\lambda_c = 6540$

WHM = 32

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6540	6539	6540	6540	6540	6540
[32]	[32]	[32]	[32]	[32]	[32]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.84\ ^{0.84}_{0.87}$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.78\ ^{0.77}_{0.82}$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.70\ ^{0.68}_{0.75}$

$a = {}^{0.911}_{0.911}\ \ b = {}^{-0.278}_{-0.278}$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6543	6542	6549	6549	6545	6539

$\frac{A(\lambda)}{E(B-V)}$: $(2.379, 0.045)^{r=1.00}_{B3}$ $(2.556, 0.056)^{r=1.00}_{Sun}$ $(2.920, 0.048)^{r=1.00}_{M2}$

$\lambda_{eff} = 6540.0 + 0.0 \times E(B-V)$ r=1.00

$W_{eff} = 32.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 6539.9 + 0.1 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$

$W_{eff}(T) = 32.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

6830 original profile: rectangular

$\lambda_c = 6830$

WHM = 32

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6830	6830	6830	6830	6830	6830
[32]	[32]	[32]	[32]	[32]	[32]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.80\ ^{0.79}_{0.83}$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.73\ ^{0.72}_{0.77}$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.65\ ^{0.63}_{0.69}$

$a = {}^{0.884}_{0.884}\ \ b = {}^{-0.333}_{-0.333}$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6830	6830	6830	6830	6830	6830

$\frac{A(\lambda)}{E(B-V)}$: $(2.230, 0.042)^{r=1.00}_{B3}$ $(2.396, 0.053)^{r=1.00}_{Sun}$ $(2.736, 0.045)^{r=1.00}_{M2}$

$\lambda_{eff} = 6830.0 + 0.0 \times E(B-V)$ r=1.00

$W_{eff} = 32.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 6829.9 + 0.1 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$

$W_{eff}(T) = 32.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

7099 original profile: rectangular

$\lambda_c = 7099$

WHM = 30

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
7099	7099	7099	7099	7099	7096
[30]	[30]	[30]	[30]	[30]	[28]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.76\ ^{0.75}_{0.78}$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.69\ ^{0.68}_{0.72}$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.61\ ^{0.59}_{0.65}$

$a = {}^{0.860}_{0.860}\ \ b = {}^{-0.387}_{-0.387}$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
7100	7098	7099	7099	7100	7099

$\frac{A(\lambda)}{E(B-V)}$: $(2.102, 0.039)^{r=1.00}_{B3}$ $(2.258, 0.050)^{r=1.00}_{Sun}$ $(2.580, 0.043)^{r=1.00}_{M2}$

$\lambda_{eff} = 7099.0 + 0.0 \times E(B-V)$ r=1.00

$W_{eff} = 30.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 7099.0 + 0.0 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$

$W_{eff}(T) = 30.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

7500 original profile: rectangular

$\lambda_c = 7500$

WHM = 32

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
7500	7500	7500	7500	7500	7500
[32]	[32]	[32]	[32]	[32]	[32]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.69\ ^{0.68}_{0.71}$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.63\ ^{0.62}_{0.66}$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.56\ ^{0.54}_{0.59}$

$a = {}^{0.825}_{0.825}\ \ b = {}^{-0.472}_{-0.472}$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
7500	7500	7500	7500	7500	7500

$\frac{A(\lambda)}{E(B-V)}$: $(1.927, 0.036)^{r=1.00}_{B3}$ $(2.070, 0.046)^{r=1.00}_{Sun}$ $(2.364, 0.039)^{r=1.00}_{M2}$

$\lambda_{eff} = 7500.0 + 0.0 \times E(B-V)$ r=1.00

$W_{eff} = 32.0 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 7500.0 + 0.0 \times \theta + 0.1 \times \theta^2 - 0.0 \times \theta^3$

$W_{eff}(T) = 32.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$