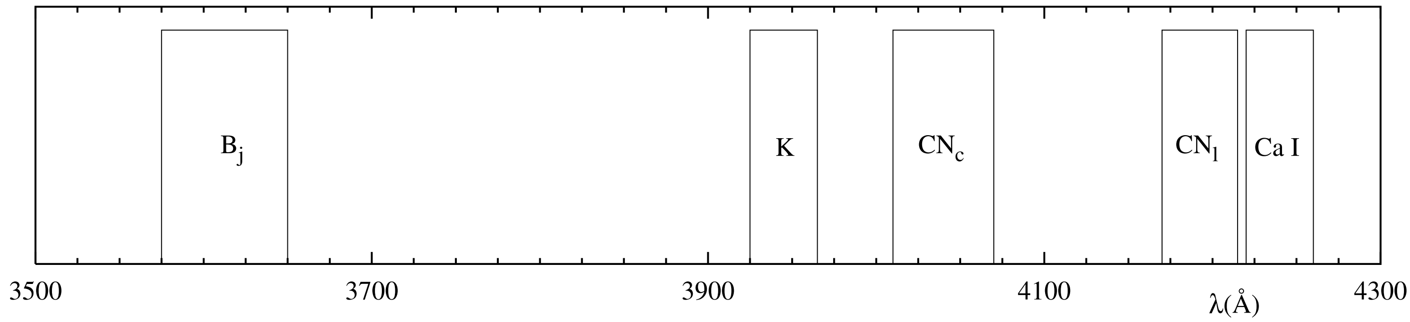

Bj original profile: rectangular

$\lambda_c = 3612$

WHM = 75

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3612	3612	3614	3618	3618	3626
[75]	[75]	[75]	[70]	[71]	[54]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.34\,^{1.33}_{1.39}$ $\quad a = {}^{0.955}_{0.955}\ \ b = {}^{1.891}_{1.891}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.58\,^{1.55}_{1.65}$ $\quad a = {}^{0.956}_{0.956}\ \ b = {}^{1.889}_{1.889}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.89\,^{1.84}_{2.01}$

WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
3613	3611	3615	3614	3611	3612

$\frac{A(\lambda)}{E(B-V)}$: $(4.816, 0.090)^{r=1.00}_{B3}$ $(5.171, 0.114)^{r=1.00}_{Sun}$ $(5.901, 0.098)^{r=1.00}_{M2}$

$\lambda_{eff} = 3612.5 + 0.5 \times E(B-V)$ r=1.00 $\quad W_{eff} = 75.0 - 0.1 \times E(B-V)$ r=–0.96

$\lambda_{eff}(T) = 3611.9 + 1.6 \times \theta + 0.9 \times \theta^2 - 0.4 \times \theta^3$ $\quad W_{eff}(T) = 74.9 + 0.4 \times \theta - 0.6 \times \theta^2 - 0.1 \times \theta^3$

K original profile: rectangular

$\lambda_c = 3945$

WHM = 40

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3945	3944	3947	3949	3948	3948
[40]	[39]	[42]	[45]	[42]	[39]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.29\,^{1.28}_{1.33}$ $\quad a = {}^{0.980}_{0.980}\ \ b = {}^{1.555}_{1.555}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.47\,^{1.45}_{1.54}$ $\quad a = {}^{0.980}_{0.980}\ \ b = {}^{1.552}_{1.552}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.72\,^{1.68}_{1.84}$

WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
3945	3944	3958	3946	3947	3944

$\frac{A(\lambda)}{E(B-V)}$: $(4.490, 0.084)^{r=1.00}_{B3}$ $(4.821, 0.106)^{r=1.00}_{Sun}$ $(5.506, 0.091)^{r=1.00}_{M2}$

$\lambda_{eff} = 3945.0 + 0.1 \times E(B-V)$ r=1.00 $\quad W_{eff} = 40.0 - 0.0 \times E(B-V)$ r=–0.96

$\lambda_{eff}(T) = 3944.9 + 0.4 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$ $\quad W_{eff}(T) = 40.0 + 0.0 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

CN_c original profile: rectangular

$\lambda_c = 4040$

WHM = 60

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4040	4040	4039	4039	4039	4039
[60]	[60]	[60]	[60]	[60]	[60]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.27\,^{1.26}_{1.31}$ $\quad a = {}^{0.984}_{0.984}\ \ b = {}^{1.451}_{1.451}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.44\,^{1.42}_{1.51}$ $\quad a = {}^{0.984}_{0.984}\ \ b = {}^{1.452}_{1.452}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.67\,^{1.63}_{1.79}$

WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
4042	4044	4043	4041	4040	4040

$\frac{A(\lambda)}{E(B-V)}$: $(4.392, 0.082)^{r=1.00}_{B3}$ $(4.718, 0.104)^{r=1.00}_{Sun}$ $(5.389, 0.089)^{r=1.00}_{M2}$

$\lambda_{eff} = 4040.0 + 0.2 \times E(B-V)$ r=1.00 $\quad W_{eff} = 60.0 - 0.0 \times E(B-V)$ r=–0.96

$\lambda_{eff}(T) = 4039.7 + 0.8 \times \theta + 0.5 \times \theta^2 - 0.3 \times \theta^3$ $\quad W_{eff}(T) = 60.0 + 0.1 \times \theta - 0.2 \times \theta^2 - 0.0 \times \theta^3$

CN_l original profile: rectangular

$\lambda_c = 4192$

WHM = 45

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4192	4192	4193	4193	4193	4195
[45]	[45]	[45]	[45]	[45]	[44]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.24\,^{1.23}_{1.28}$ $\quad a = {}^{0.990}_{0.990}\ \ b = {}^{1.271}_{1.271}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.40\,^{1.38}_{1.47}$ $\quad a = {}^{0.990}_{0.990}\ \ b = {}^{1.271}_{1.270}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.60\,^{1.56}_{1.71}$

WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
4194	4192	4192	4192	4192	4192

$\frac{A(\lambda)}{E(B-V)}$: $(4.267, 0.080)^{r=1.00}_{B3}$ $(4.584, 0.101)^{r=1.00}_{Sun}$ $(5.236, 0.087)^{r=1.00}_{M2}$

$\lambda_{eff} = 4192.5 + 0.1 \times E(B-V)$ r=1.00 $\quad W_{eff} = 45.0 - 0.0 \times E(B-V)$ r=–0.96

$\lambda_{eff}(T) = 4192.3 + 0.4 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$ $\quad W_{eff}(T) = 45.0 + 0.0 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

Ca I original profile: rectangular

$\lambda_c = 4240$

WHM = 40

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4240	4240	4240	4241	4243	4248
[40]	[40]	[40]	[41]	[40]	[26]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.24\,^{1.22}_{1.27}$ $\quad a = {}^{0.992}_{0.992}\ \ b = {}^{1.212}_{1.211}$ *B3*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.39\,^{1.36}_{1.45}$ $\quad a = {}^{0.992}_{0.992}\ \ b = {}^{1.211}_{1.211}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.58\,^{1.54}_{1.68}$

WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
4240	4240	4241	4240	4240	4240

$\frac{A(\lambda)}{E(B-V)}$: $(4.226, 0.079)^{r=1.00}_{B3}$ $(4.540, 0.100)^{r=1.00}_{Sun}$ $(5.183, 0.086)^{r=1.00}_{M2}$

$\lambda_{eff} = 4240.0 + 0.1 \times E(B-V)$ r=1.00 $\quad W_{eff} = 40.0 - 0.0 \times E(B-V)$ r=–0.96

$\lambda_{eff}(T) = 4239.9 + 0.3 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$ $\quad W_{eff}(T) = 40.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

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