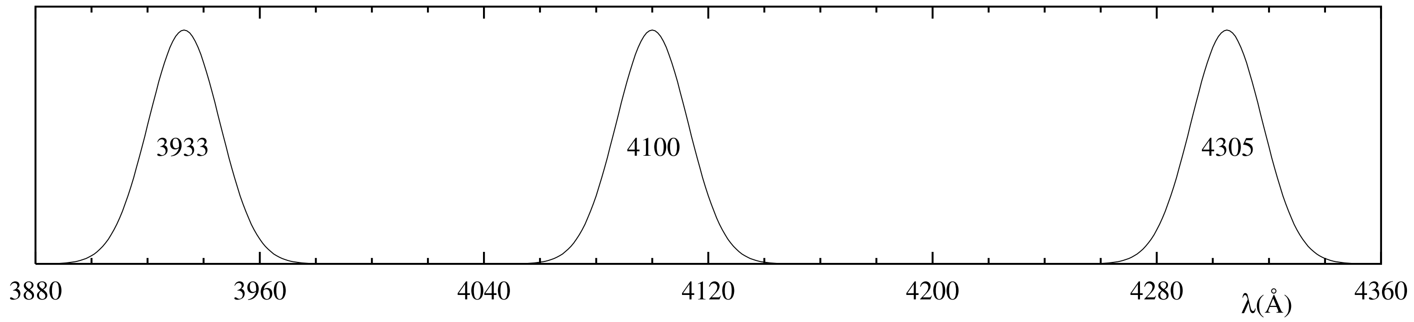
McNamara et al. - 1970



3933 (interference filter) assumed profile: gaussian

$\lambda_c = 3933$

WHM = 30

$W_\circ = 32$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3933	3933	3932	3930	3932	3934
[32]	[31]	[33]	[33]	[34]	[34]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3932	3933	3941	3933	3934	3932

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.29\,^{1.28}_{1.33}$	$a = {}^{0.979}_{0.979}$ $b = {}^{1.567}_{1.567}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.48\,^{1.45}_{1.55}$	$a = {}^{0.979}_{0.979}$ $b = {}^{1.568}_{1.568}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.73\,^{1.68}_{1.84}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.501, 0.084)^{r=1.00}_{B3}$ $(4.836, 0.107)^{r=1.00}_{Sun}$ $(5.524, 0.092)^{r=1.00}_{M2}$	

$\lambda_{eff} = 3933.0 + 0.2 \times E(B-V)$ r=1.00 | $W_{eff} = 31.9 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 3932.8 + 0.4 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 31.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

4100 (interference filter) assumed profile: gaussian

$\lambda_c = 4100$

WHM = 30

$W_\circ = 32$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4099	4099	4100	4100	4100	4097
[32]	[33]	[32]	[31]	[31]	[28]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4100	4100	4101	4101	4100	4100

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.26\,^{1.25}_{1.30}$	$a = {}^{0.986}_{0.986}$ $b = {}^{1.383}_{1.383}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.42\,^{1.40}_{1.50}$	$a = {}^{0.986}_{0.986}$ $b = {}^{1.382}_{1.382}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.65\,^{1.60}_{1.76}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.344, 0.081)^{r=1.00}_{B3}$ $(4.666, 0.103)^{r=1.00}_{Sun}$ $(5.330, 0.088)^{r=1.00}_{M2}$	

$\lambda_{eff} = 4100.0 + 0.1 \times E(B-V)$ r=1.00 | $W_{eff} = 31.9 - 0.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4099.8 + 0.4 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 31.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

4305 (interference filter) assumed profile: gaussian

$\lambda_c = 4305$

WHM = 30

$W_\circ = 32$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4305	4304	4306	4306	4307	4307
[32]	[31]	[32]	[32]	[31]	[29]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4306	4307	4314	4307	4306	4304

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.22\,^{1.21}_{1.26}$	$a = {}^{0.995}_{0.995}$ $b = {}^{1.129}_{1.129}$	*B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.37\,^{1.35}_{1.43}$	$a = {}^{0.995}_{0.995}$ $b = {}^{1.128}_{1.128}$	*Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.55\,^{1.51}_{1.65}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.169, 0.078)^{r=1.00}_{B3}$ $(4.478, 0.099)^{r=1.00}_{Sun}$ $(5.112, 0.085)^{r=1.00}_{M2}$	

$\lambda_{eff} = 4305.0 + 0.1 \times E(B-V)$ r=1.00 | $W_{eff} = 31.9 - 0.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4304.8 + 0.3 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 31.9 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$