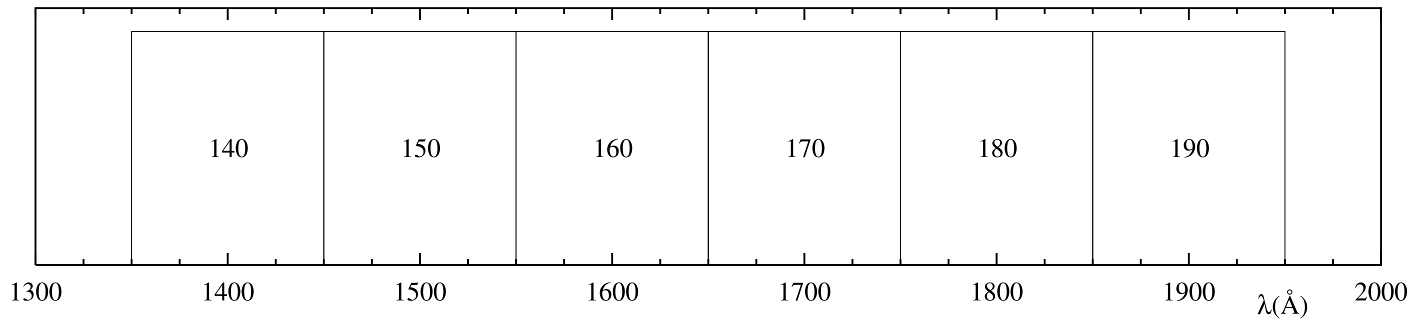

140 original profile: rectangular

$\lambda_c = 1400$

WHM = 100

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1398	1397	1399	1399	1402	1412
[99]	[99]	[100]	[100]	[99]	[86]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.64\ {}^{1.62}_{1.63}$ $\quad a = {}^{-0.612}_{-0.600}\quad b = {}^{10.703}_{10.631}$ *ι Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.83\ {}^{2.79}_{2.81}$ $\quad a = {}^{-0.582}_{-0.572}\quad b = {}^{10.523}_{10.465}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 5.20\ {}^{5.06}_{5.14}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (8.582, 0.140)^{r=1.00}_{40000}\quad (8.662, 0.145)^{r=1.00}_{\iota Her}\quad (9.217, 0.187)^{r=1.00}_{Sun}$

$\lambda_{eff} = 1400.0 + 5.1 \times E(B-V)$ $r{=}1.00$ | $W_{eff} = 101.4 - 5.3 \times E(B-V)$ $r{=}{-0.97}$

$\lambda_{eff}(T) = 1397 + 24 \times \theta + 1 \times \theta^2 - 3 \times \theta^3$ | $W_{eff}(T) = 99 + 19 \times \theta - 91 \times \theta^2 + 42 \times \theta^3$

150 original profile: rectangular

$\lambda_c = 1500$

WHM = 100

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1497	1496	1497	1497	1500	1522
[99]	[98]	[99]	[99]	[100]	[64]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.59\ {}^{1.58}_{1.59}$ $\quad a = {}^{-0.414}_{-0.409}\quad b = {}^{9.553}_{9.523}$ *ι Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.67\ {}^{2.62}_{2.64}$ $\quad a = {}^{-0.373}_{-0.370}\quad b = {}^{9.327}_{9.309}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.79\ {}^{4.66}_{4.70}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (8.064, 0.141)^{r=1.00}_{40000}\quad (8.147, 0.146)^{r=1.00}_{\iota Her}\quad (8.645, 0.186)^{r=1.00}_{Sun}$

$\lambda_{eff} = 1500.0 + 3.3 \times E(B-V)$ $r{=}1.00$ | $W_{eff} = 100.7 - 2.4 \times E(B-V)$ $r{=}{-0.97}$

$\lambda_{eff}(T) = 1497 + 21 \times \theta + 2 \times \theta^2 - 3 \times \theta^3$ | $W_{eff}(T) = 99 + 17 \times \theta - 72 \times \theta^2 + 30 \times \theta^3$

160 original profile: rectangular

$\lambda_c = 1600$

WHM = 100

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1599	1600	1600	1600	1601	1614
[100]	[100]	[100]	[100]	[100]	[83]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.58\ {}^{1.56}_{1.58}$ $\quad a = {}^{-0.265}_{-0.263}\quad b = {}^{8.758}_{8.748}$ *ι Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.56\ {}^{2.52}_{2.56}$ $\quad a = {}^{-0.249}_{-0.248}\quad b = {}^{8.680}_{8.673}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.49\ {}^{4.36}_{4.45}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (7.745, 0.140)^{r=1.00}_{40000}\quad (7.822, 0.145)^{r=1.00}_{\iota Her}\quad (8.372, 0.183)^{r=1.00}_{Sun}$

$\lambda_{eff} = 1600.0 + 1.8 \times E(B-V)$ $r{=}1.00$ | $W_{eff} = 100.2 - 0.7 \times E(B-V)$ $r{=}{-0.96}$

$\lambda_{eff}(T) = 1597 + 18 \times \theta + 2 \times \theta^2 - 2 \times \theta^3$ | $W_{eff}(T) = 99 + 14 \times \theta - 56 \times \theta^2 + 22 \times \theta^3$

170 original profile: rectangular

$\lambda_c = 1700$

WHM = 100

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1699	1698	1698	1699	1700	1717
[100]	[100]	[100]	[100]	[100]	[73]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.60\ {}^{1.58}_{1.60}$ $\quad a = {}^{-0.165}_{-0.165}\quad b = {}^{8.300}_{8.299}$ *ι Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.52\ {}^{2.48}_{2.53}$ $\quad a = {}^{-0.151}_{-0.151}\quad b = {}^{8.243}_{8.243}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.30\ {}^{4.18}_{4.27}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (7.620, 0.140)^{r=1.00}_{40000}\quad (7.698, 0.144)^{r=1.00}_{\iota Her}\quad (8.265, 0.183)^{r=1.00}_{Sun}$

$\lambda_{eff} = 1700.0 + 0.2 \times E(B-V)$ $r{=}1.00$ | $W_{eff} = 100.0 - 0.0 \times E(B-V)$ $r{=}{-0.96}$

$\lambda_{eff}(T) = 1698 + 16 \times \theta + 2 \times \theta^2 - 2 \times \theta^3$ | $W_{eff}(T) = 99 + 12 \times \theta - 44 \times \theta^2 + 15 \times \theta^3$

180 original profile: rectangular

$\lambda_c = 1800$

WHM = 100

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1799	1798	1799	1799	1799	1807
[100]	[100]	[100]	[100]	[100]	[94]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.65\ {}^{1.63}_{1.66}$ $\quad a = {}^{-0.097}_{-0.097}\quad b = {}^{8.109}_{8.109}$ *ι Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.55\ {}^{2.50}_{2.55}$ $\quad a = {}^{-0.092}_{-0.093}\quad b = {}^{8.108}_{8.108}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.22\ {}^{4.10}_{4.21}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (7.687, 0.140)^{r=1.00}_{40000}\quad (7.767, 0.144)^{r=1.00}_{\iota Her}\quad (8.359, 0.183)^{r=1.00}_{Sun}$

$\lambda_{eff} = 1800.0 - 1.4 \times E(B-V)$ $r{=}{-1.00}$ | $W_{eff} = 100.1 - 0.5 \times E(B-V)$ $r{=}{-0.96}$

$\lambda_{eff}(T) = 1798 + 14 \times \theta + 2 \times \theta^2 - 2 \times \theta^3$ | $W_{eff}(T) = 99 + 10 \times \theta - 35 \times \theta^2 + 11 \times \theta^3$

190 original profile: rectangular

$\lambda_c = 1900$

WHM = 100

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1899	1898	1899	1899	1900	1907
[100]	[100]	[100]	[100]	[100]	[94]

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.74\ {}^{1.72}_{1.75}$ $\quad a = {}^{-0.061}_{-0.062}\quad b = {}^{8.295}_{8.282}$ *ι Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.64\ {}^{2.59}_{2.65}$ $\quad a = {}^{-0.060}_{-0.061}\quad b = {}^{8.328}_{8.315}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.26\ {}^{4.13}_{4.26}$ $\quad \frac{A(\lambda)}{E(B-V)}:\quad (7.967, 0.140)^{r=1.00}_{40000}\quad (8.052, 0.145)^{r=1.00}_{\iota Her}\quad (8.682, 0.184)^{r=1.00}_{Sun}$

$\lambda_{eff} = 1900.0 - 3.2 \times E(B-V)$ $r{=}{-1.00}$ | $W_{eff} = 100.6 - 2.2 \times E(B-V)$ $r{=}{-0.97}$

$\lambda_{eff}(T) = 1898 + 13 \times \theta + 2 \times \theta^2 - 1 \times \theta^3$ | $W_{eff}(T) = 99 + 8 \times \theta - 27 \times \theta^2 + 7 \times \theta^3$

(continues) ⇒