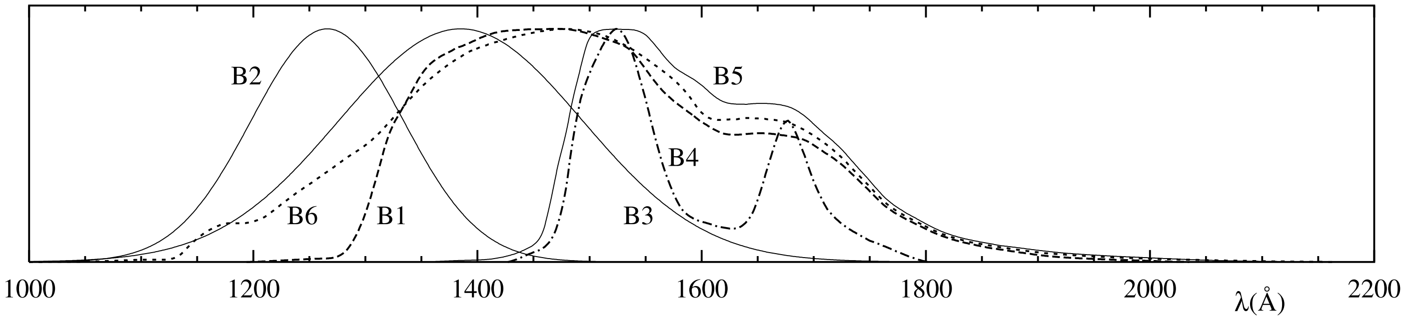

B1

$\lambda_c = 1509$ $\lambda_\circ = 1519$ $\lambda_{peak} = 1470$ $\lambda_{gauss} = 1492$

WHM = 383 W10% = 531 W80% = 205 FWHM = 329

$W_\circ = 350$

$\mu = 134$

$I_{asym} = 0.52$

$I_{kurt} = -0.34$

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.61\ ^{1.60}_{1.66}$ $a = {}^{-0.414}_{-0.338}$ $b = {}^{9.555}_{9.137}$ ι *Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.67\ ^{2.57}_{2.66}$ $a = {}^{-0.096}_{-0.104}$ $b = {}^{8.109}_{8.116}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.69\ ^{4.26}_{4.65}$ $\frac{A(\lambda)}{E(B-V)}$: $(8.268, 0.050)^{r=0.95}_{40000}$ $(8.306, 0.059)^{r=0.97}_{\iota Her}$ $(8.443, 0.163)^{r=1.00}_{Sun}$

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1485	1482	1490	1497	1527	1799
[336]	[334]	[340]	[344]	[339]	[34]

$\lambda_{eff} = 1522.0 + 42.5 \times E(B-V)$ r=1.00 $W_{eff} = 356.3 - 68.3 \times E(B-V)$ r=–1.00

$\lambda_{eff}(T) = 1460 + 453 \times \theta - 4 \times \theta^2 - 96 \times \theta^3$ $W_{eff}(T) = 369 - 92 \times \theta - 970 \times \theta^2 + 746 \times \theta^3$

B2 assumed profile: gaussian

$\lambda_c = 1266$

WHM = 160

$W_\circ = 170$

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.78\ ^{1.68}_{1.77}$ $a = {}^{-0.999}_{-0.862}$ $b = {}^{13.176}_{12.274}$ ι *Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 3.17\ ^{2.94}_{3.14}$ $a = {}^{-0.790}_{-0.709}$ $b = {}^{11.810}_{11.298}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 5.88\ ^{5.40}_{5.76}$ $\frac{A(\lambda)}{E(B-V)}$: $(9.881, -0.058)^{r=-0.87}_{40000}$ $(9.846, -0.034)^{r=-0.73}_{\iota Her}$ $(9.897, 0.075)^{r=0.99}_{Sun}$

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1258	1260	1266	1269	1335	1332
[170]	[172]	[175]	[175]	[71]	[95]

$\lambda_{eff} = 1269.2 + 37.8 \times E(B-V)$ r=1.00 $W_{eff} = 175.3 - 50.2 \times E(B-V)$ r=–1.00

$\lambda_{eff}(T) = 1248 + 168 \times \theta - 31 \times \theta^2 - 1 \times \theta^3$ $W_{eff}(T) = 174 + 1 \times \theta - 401 \times \theta^2 + 263 \times \theta^3$

B3 assumed profile: gaussian

$\lambda_c = 1384$

WHM = 256

$W_\circ = 272$

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.66\ ^{1.59}_{1.66}$ $a = {}^{-0.666}_{-0.533}$ $b = {}^{11.036}_{10.233}$ ι *Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.85\ ^{2.57}_{2.85}$ $a = {}^{-0.242}_{-0.226}$ $b = {}^{8.645}_{8.568}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 5.14\ ^{4.44}_{5.11}$ $\frac{A(\lambda)}{E(B-V)}$: $(8.991, -0.077)^{r=-0.88}_{40000}$ $(8.941, -0.036)^{r=-0.73}_{\iota Her}$ $(8.433, 0.162)^{r=1.00}_{Sun}$

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1359	1359	1370	1377	1430	1620
[259]	[253]	[256]	[259]	[211]	[25]

$\lambda_{eff} = 1392.0 + 51.8 \times E(B-V)$ r=0.99 $W_{eff} = 276.7 - 71.6 \times E(B-V)$ r=–1.00

$\lambda_{eff}(T) = 1344 + 367 \times \theta - 128 \times \theta^2 + 19 \times \theta^3$ $W_{eff}(T) = 286 - 79 \times \theta - 660 \times \theta^2 + 495 \times \theta^3$

B4

$\lambda_c = 1586$ $\lambda_\circ = 1580$ $\lambda_{peak} = 1524$ $\lambda_{gauss} = 1528$

WHM = 204 W10% = 280 W80% = 45 FWHM = 115

$W_\circ = 123$

$\mu = 81$

$I_{asym} = 0.58$

$I_{kurt} = -0.97$

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.59\ ^{1.57}_{1.60}$ $a = {}^{-0.297}_{-0.281}$ $b = {}^{8.923}_{8.836}$ ι *Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.59\ ^{2.53}_{2.56}$ $a = {}^{-0.161}_{-0.159}$ $b = {}^{8.281}_{8.276}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.54\ ^{4.29}_{4.45}$ $\frac{A(\lambda)}{E(B-V)}$: $(7.869, 0.129)^{r=1.00}_{40000}$ $(7.936, 0.133)^{r=1.00}_{\iota Her}$ $(8.287, 0.181)^{r=1.00}_{Sun}$

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1569	1572	1573	1575	1578	1704
[126]	[129]	[125]	[125]	[123]	[34]

$\lambda_{eff} = 1580.3 + 13.5 \times E(B-V)$ r=1.00 $W_{eff} = 123.6 - 9.7 \times E(B-V)$ r=–1.00

$\lambda_{eff}(T) = 1561 + 132 \times \theta + 75 \times \theta^2 - 77 \times \theta^3$ $W_{eff}(T) = 120 + 54 \times \theta - 305 \times \theta^2 + 179 \times \theta^3$

B5

$\lambda_c = 1599$ $\lambda_\circ = 1617$ $\lambda_{peak} = 1523$ $\lambda_{gauss} = 1589$

WHM = 245 W10% = 379 W80% = 97 FWHM = 220

$W_\circ = 235$

$\mu = 107$

$I_{asym} = 0.90$

$I_{kurt} = 0.93$

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.60\ ^{1.57}_{1.71}$ $a = {}^{-0.258}_{-0.245}$ $b = {}^{8.721}_{8.658}$ ι *Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.58\ ^{2.54}_{2.65}$ $a = {}^{-0.067}_{-0.085}$ $b = {}^{8.203}_{8.112}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.48\ ^{4.32}_{4.38}$ $\frac{A(\lambda)}{E(B-V)}$: $(7.832, 0.127)^{r=1.00}_{40000}$ $(7.900, 0.132)^{r=1.00}_{\iota Her}$ $(8.774, 0.070)^{r=0.97}_{Sun}$

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1599	1602	1604	1607	1615	1874
[231]	[233]	[232]	[233]	[235]	[31]

$\lambda_{eff} = 1617.1 + 10.1 \times E(B-V)$ r=1.00 $W_{eff} = 235.7 - 18.8 \times E(B-V)$ r=–1.00

$\lambda_{eff}(T) = 1592 + 135 \times \theta + 330 \times \theta^2 - 156 \times \theta^3$ $W_{eff}(T) = 225 + 193 \times \theta - 1029 \times \theta^2 + 640 \times \theta^3$

B6

$\lambda_c = 1506$ $\lambda_\circ = 1497$ $\lambda_{peak} = 1479$ $\lambda_{gauss} = 1486$

WHM = 413 W10% = 678 W80% = 209 FWHM = 380

$W_\circ = 404$

$\mu = 159$

$I_{asym} = 0.24$

$I_{kurt} = -0.14$

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.63\ ^{1.60}_{1.72}$ $a = {}^{-0.460}_{-0.339}$ $b = {}^{9.810}_{9.144}$ ι *Her*

$\frac{A(\lambda)}{A(V)}|_{3.1} = 2.70\ ^{2.62}_{2.71}$ $a = {}^{-0.065}_{-0.085}$ $b = {}^{8.222}_{8.112}$ *Sun*

$\frac{A(\lambda)}{A(V)}|_{2.1} = 4.72\ ^{4.33}_{4.72}$ $\frac{A(\lambda)}{E(B-V)}$: $(8.536, -0.057)^{r=-0.80}_{40000}$ $(8.493, -0.019)^{r=-0.47}_{\iota Her}$ $(8.817, 0.052)^{r=0.93}_{Sun}$

40000	*30000*	*20000*	*ι Her*	*Vega*	*Sun*
1448	1446	1461	1472	1532	1880
[375]	[371]	[381]	[391]	[357]	[27]

$\lambda_{eff} = 1507.6 + 54.6 \times E(B-V)$ r=0.99 $W_{eff} = 404.0 - 90.0 \times E(B-V)$ r=–1.00

$\lambda_{eff}(T) = 1417 + 661 \times \theta - 213 \times \theta^2 + 42 \times \theta^3$ $W_{eff}(T) = 434 - 235 \times \theta - 1001 \times \theta^2 + 843 \times \theta^3$