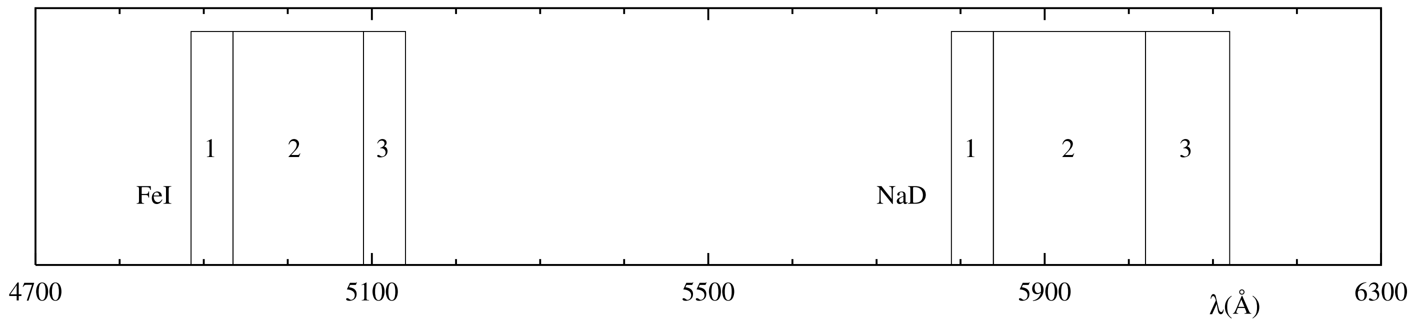

FeI 1 original profile: rectangular
$\lambda_c = 4910$
WHM = 50

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4910	4910	4910	4910	4911	4910
[50]	[50]	[50]	[50]	[50]	[50]
WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
4911	4911	4914	4910	4917	4911

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.11\ ^{1.10}_{1.14}$ $a\ =\ ^{1.016}_{1.016}\ \ b\ =\ ^{0.413}_{0.413}$ *B3*
$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.17\ ^{1.16}_{1.23}$ $a\ =\ ^{1.016}_{1.016}\ \ b\ =\ ^{0.413}_{0.412}$ *Sun*
$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.26\ ^{1.23}_{1.34}$ $\frac{A(\lambda)}{E(B-V)}$: $(3.580, 0.067)^{r=1.00}_{B3}$ $(3.845, 0.085)^{r=1.00}_{Sun}$ $(4.391, 0.073)^{r=1.00}_{M2}$

$\lambda_{eff} = 4910.0 + 0.2 \times E(B-V)$ r=1.00 | $W_{eff} = 50.0 - 0.0 \times E(B-V)$ r=–0.96
$\lambda_{eff}(T) = 4909.8 + 0.3 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 50.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

FeI 2 original profile: rectangular
$\lambda_c = 5012$
WHM = 155

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5011	5011	5012	5011	5012	4966
[155]	[155]	[155]	[155]	[155]	[71]
WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
5010	5012	4995	5008	4993	5012

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.09\ ^{1.08}_{1.13}$ $a\ =\ ^{1.016}_{1.016}\ \ b\ =\ ^{0.319}_{0.318}$ *B3*
$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.14\ ^{1.12}_{1.21}$ $a\ =\ ^{1.016}_{1.016}\ \ b\ =\ ^{0.318}_{0.317}$ *Sun*
$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.21\ ^{1.18}_{1.32}$ $\frac{A(\lambda)}{E(B-V)}$: $(3.483, 0.064)^{r=1.00}_{B3}$ $(3.740, 0.082)^{r=1.00}_{Sun}$ $(4.272, 0.069)^{r=1.00}_{M2}$

$\lambda_{eff} = 5012.5 + 1.9 \times E(B-V)$ r=1.00 | $W_{eff} = 155.1 - 0.5 \times E(B-V)$ r=–0.96
$\lambda_{eff}(T) = 5010.8 + 3.0 \times \theta + 2.5 \times \theta^2 - 1.2 \times \theta^3$ | $W_{eff}(T) = 154.8 + 1.0 \times \theta - 0.9 \times \theta^2 - 0.4 \times \theta^3$

FeI 3 original profile: rectangular
$\lambda_c = 5115$
WHM = 50

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5115	5115	5115	5115	5116	5106
[50]	[50]	[50]	[50]	[50]	[37]
WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
5115	5117	5116	5115	5116	5115

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.07\ ^{1.06}_{1.11}$ $a\ =\ ^{1.015}_{1.015}\ \ b\ =\ ^{0.233}_{0.233}$ *B3*
$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.11\ ^{1.09}_{1.17}$ $a\ =\ ^{1.015}_{1.015}\ \ b\ =\ ^{0.233}_{0.233}$ *Sun*
$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.17\ ^{1.13}_{1.25}$ $\frac{A(\lambda)}{E(B-V)}$: $(3.386, 0.063)^{r=1.00}_{B3}$ $(3.637, 0.080)^{r=1.00}_{Sun}$ $(4.153, 0.069)^{r=1.00}_{M2}$

$\lambda_{eff} = 5115.0 + 0.2 \times E(B-V)$ r=1.00 | $W_{eff} = 50.0 - 0.0 \times E(B-V)$ r=–0.96
$\lambda_{eff}(T) = 5114.8 + 0.3 \times \theta + 0.3 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 50.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

NaD 1 original profile: rectangular
$\lambda_c = 5814$
WHM = 50

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5814	5814	5814	5814	5814	5815
[50]	[50]	[50]	[50]	[50]	[50]
WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
5813	5813	5814	5814	5813	5814

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.95\ ^{0.94}_{0.98}$ $a\ =\ ^{0.977}_{0.977}\ \ b\ =\ ^{-0.120}_{-0.120}$ *B3*
$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.93\ ^{0.91}_{0.97}$ $a\ =\ ^{0.977}_{0.977}\ \ b\ =\ ^{-0.120}_{-0.120}$ *Sun*
$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.89\ ^{0.87}_{0.95}$ $\frac{A(\lambda)}{E(B-V)}$: $(2.822, 0.053)^{r=1.00}_{B3}$ $(3.031, 0.067)^{r=1.00}_{Sun}$ $(3.462, 0.057)^{r=1.00}_{M2}$

$\lambda_{eff} = 5814.0 + 0.1 \times E(B-V)$ r=1.00 | $W_{eff} = 50.0 - 0.0 \times E(B-V)$ r=–0.96
$\lambda_{eff}(T) = 5813.8 + 0.2 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$ | $W_{eff}(T) = 50.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

NaD 2 original profile: rectangular
$\lambda_c = 5930$
WHM = 181

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
5928	5928	5929	5930	5930	5935
[181]	[181]	[181]	[181]	[181]	[182]
WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
5920	5907	5900	5925	5921	5928

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.94\ ^{0.93}_{0.97}$ $a\ =\ ^{0.968}_{0.968}\ \ b\ =\ ^{-0.152}_{-0.152}$ *B3*
$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.90\ ^{0.89}_{0.94}$ $a\ =\ ^{0.968}_{0.968}\ \ b\ =\ ^{-0.152}_{-0.153}$ *Sun*
$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.86\ ^{0.83}_{0.91}$ $\frac{A(\lambda)}{E(B-V)}$: $(2.744, 0.051)^{r=1.00}_{B3}$ $(2.947, 0.064)^{r=1.00}_{Sun}$ $(3.366, 0.055)^{r=1.00}_{M2}$

$\lambda_{eff} = 5929.5 + 1.8 \times E(B-V)$ r=1.00 | $W_{eff} = 181.1 - 0.4 \times E(B-V)$ r=–0.96
$\lambda_{eff}(T) = 5927.6 + 2.7 \times \theta + 2.6 \times \theta^2 - 1.2 \times \theta^3$ | $W_{eff}(T) = 180.8 + 0.8 \times \theta - 0.5 \times \theta^2 - 0.4 \times \theta^3$

NaD 3 original profile: rectangular
$\lambda_c = 6070$
WHM = 100

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6070	6070	6070	6070	6072	6069
[100]	[100]	[100]	[100]	[100]	[100]
WN	*WC*	*PN_{Ne}*	*PN^{Ne}*	*Nova*	*WDA*
6070	6070	6071	6070	6077	6070

$\frac{A(\lambda)}{A(V)}|_{5.0} = 0.92\ ^{0.91}_{0.94}$ $a\ =\ ^{0.955}_{0.955}\ \ b\ =\ ^{-0.186}_{-0.186}$ *B3*
$\frac{A(\lambda)}{A(V)}|_{3.1} = 0.87\ ^{0.86}_{0.91}$ $a\ =\ ^{0.955}_{0.955}\ \ b\ =\ ^{-0.186}_{-0.186}$ *Sun*
$\frac{A(\lambda)}{A(V)}|_{2.1} = 0.81\ ^{0.79}_{0.87}$ $\frac{A(\lambda)}{E(B-V)}$: $(2.653, 0.050)^{r=1.00}_{B3}$ $(2.849, 0.063)^{r=1.00}_{Sun}$ $(3.253, 0.054)^{r=1.00}_{M2}$

$\lambda_{eff} = 6070.0 + 0.5 \times E(B-V)$ r=1.00 | $W_{eff} = 100.0 - 0.1 \times E(B-V)$ r=–0.96
$\lambda_{eff}(T) = 6069.4 + 0.8 \times \theta + 0.8 \times \theta^2 - 0.4 \times \theta^3$ | $W_{eff}(T) = 100.0 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.1 \times \theta^3$

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