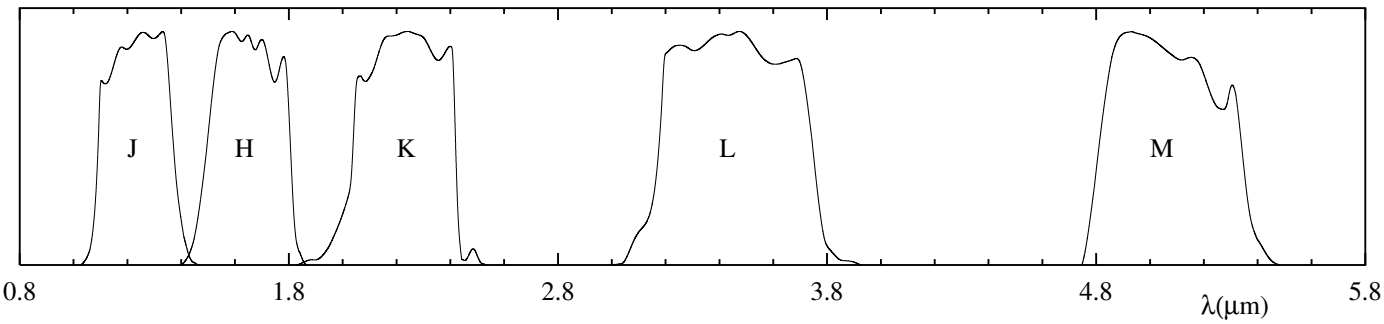
JHKL SAAO - Glass - 1973



J

$\lambda_c = 1.23$	$\lambda_\circ = 1.24$	$\lambda_{peak} = 1.33$	$\lambda_{gauss} = 1.24$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.28	W10% = 0.35	W80% = 0.22	FWHM = 0.26	1.21	1.22	1.22	1.23	1.24	1.27
$W_\circ = 0.27$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.27\,^{0.26}_{0.27}$	$a = {}^{0.420}_{0.415}$ $b = {}^{-0.385}_{-0.381}$	*B3*	[0.26]	[0.26]	[0.27]	[0.27]	[0.27]	[0.24]
$\mu = 0.09$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.27\,^{0.27}_{0.28}$	$a = {}^{0.414}_{0.410}$ $b = {}^{-0.381}_{-0.377}$	*Sun*						
$I_{asym} = -0.02$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.27\,^{0.27}_{0.28}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.851, 0.011)^{r=0.99}_{B3}$		$(0.903, 0.014)^{r=1.00}_{Sun}$			$(1.015, 0.010)^{r=1.00}_{M2}$		
$I_{kurt} = -0.98$	$\lambda_{eff} = 1.237 + 0.008 \times E(B-V)$ r=1.00			$W_{eff} = 0.274 - 0.004 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 1.21 + 0.13 \times \Phi + 0.01 \times \Phi^2 - 0.03 \times \Phi^3$			$W_{eff}(T) = 0.25 + 0.23 \times \Phi - 0.73 \times \Phi^2 + 0.39 \times \Phi^3$					

H

$\lambda_c = 1.65$	$\lambda_\circ = 1.64$	$\lambda_{peak} = 1.59$	$\lambda_{gauss} = 1.65$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.31	W10% = 0.38	W80% = 0.27	FWHM = 0.28	1.62	1.63	1.63	1.63	1.65	1.67
$W_\circ = 0.30$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.17\,^{0.17}_{0.17}$	$a = {}^{0.263}_{0.262}$ $b = {}^{-0.241}_{-0.240}$	*B3*	[0.29]	[0.29]	[0.29]	[0.30]	[0.30]	[0.25]
$\mu = 0.10$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.17\,^{0.17}_{0.18}$	$a = {}^{0.262}_{0.261}$ $b = {}^{-0.240}_{-0.240}$	*Sun*						
$I_{asym} = -0.01$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.18\,^{0.18}_{0.19}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.535, 0.009)^{r=1.00}_{B3}$		$(0.573, 0.011)^{r=1.00}_{Sun}$			$(0.643, 0.009)^{r=1.00}_{M2}$		
$I_{kurt} = -0.98$	$\lambda_{eff} = 1.644 + 0.004 \times E(B-V)$ r=1.00			$W_{eff} = 0.300 - 0.001 \times E(B-V)$ r=−0.97					
	$\lambda_{eff}(T) = 1.62 + 0.08 \times \Phi + 0.04 \times \Phi^2 - 0.03 \times \Phi^3$			$W_{eff}(T) = 0.28 + 0.16 \times \Phi - 0.38 \times \Phi^2 + 0.15 \times \Phi^3$					

K

$\lambda_c = 2.23$	$\lambda_\circ = 2.22$	$\lambda_{peak} = 2.24$	$\lambda_{gauss} = 2.23$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.38	W10% = 0.48	W80% = 0.36	FWHM = 0.35	2.20	2.20	2.20	2.19	2.20	2.22
$W_\circ = 0.38$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.11\,^{0.11}_{0.11}$	$a = {}^{0.162}_{0.161}$ $b = {}^{-0.149}_{-0.148}$	*B3*	[0.36]	[0.36]	[0.36]	[0.36]	[0.36]	[0.37]
$\mu = 0.12$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.11\,^{0.11}_{0.12}$	$a = {}^{0.162}_{0.161}$ $b = {}^{-0.148}_{-0.148}$	*Sun*						
$I_{asym} = -0.16$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.11\,^{0.11}_{0.12}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.347, 0.006)^{r=1.00}_{B3}$		$(0.372, 0.008)^{r=1.00}_{Sun}$			$(0.424, 0.007)^{r=1.00}_{M2}$		
$I_{kurt} = -0.76$	$\lambda_{eff} = 2.223 + 0.003 \times E(B-V)$ r=1.00			$W_{eff} = 0.377 - 0.001 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 2.19 + 0.06 \times \Phi + 0.04 \times \Phi^2 - 0.03 \times \Phi^3$			$W_{eff}(T) = 0.36 + 0.11 \times \Phi - 0.17 \times \Phi^2 + 0.03 \times \Phi^3$					

L

$\lambda_c = 3.46$	$\lambda_\circ = 3.45$	$\lambda_{peak} = 3.48$	$\lambda_{gauss} = 3.45$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.57	W10% = 0.71	W80% = 0.52	FWHM = 0.52	3.42	3.42	3.42	3.42	3.42	3.42
$W_\circ = 0.56$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.06\,^{0.06}_{0.07}$	$a = {}^{0.079}_{0.079}$ $b = {}^{-0.073}_{-0.073}$	*B3*	[0.54]	[0.54]	[0.54]	[0.54]	[0.54]	[0.54]
$\mu = 0.18$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.06\,^{0.06}_{0.07}$	$a = {}^{0.079}_{0.079}$ $b = {}^{-0.073}_{-0.073}$	*Sun*						
$I_{asym} = 0.02$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.06\,^{0.06}_{0.07}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.192, 0.004)^{r=1.00}_{B3}$		$(0.206, 0.004)^{r=1.00}_{Sun}$			$(0.235, 0.004)^{r=1.00}_{M2}$		
$I_{kurt} = -0.99$	$\lambda_{eff} = 3.452 + 0.002 \times E(B-V)$ r=1.00			$W_{eff} = 0.556 - 0.000 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 3.42 + 0.04 \times \Phi + 0.05 \times \Phi^2 - 0.02 \times \Phi^3$			$W_{eff}(T) = 0.53 + 0.06 \times \Phi - 0.02 \times \Phi^2 - 0.03 \times \Phi^3$					

M

$\lambda_c = 5.08$	$\lambda_\circ = 5.07$	$\lambda_{peak} = 4.93$	$\lambda_{gauss} = 5.05$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.53	W10% = 0.64	W80% = 0.36	FWHM = 0.46	5.05	5.05	5.05	5.05	5.05	5.05
$W_\circ = 0.49$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.04\,^{0.04}_{0.04}$	$a = {}^{0.042}_{0.042}$ $b = {}^{-0.039}_{-0.039}$	*B3*	[0.48]	[0.48]	[0.48]	[0.48]	[0.48]	[0.48]
$\mu = 0.16$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.04\,^{0.04}_{0.04}$	$a = {}^{0.042}_{0.042}$ $b = {}^{-0.039}_{-0.039}$	*Sun*						
$I_{asym} = 0.16$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.04\,^{0.04}_{0.04}$	$\frac{A(\lambda)}{E(B-V)}$: $(0.117, 0.002)^{r=1.00}_{B3}$		$(0.125, 0.003)^{r=1.00}_{Sun}$			$(0.143, 0.002)^{r=1.00}_{M2}$		
$I_{kurt} = -1.00$	$\lambda_{eff} = 5.068 + 0.001 \times E(B-V)$ r=1.00			$W_{eff} = 0.485 - 0.000 \times E(B-V)$ r=−0.99					
	$\lambda_{eff}(T) = 5.05 + 0.01 \times \Phi + 0.01 \times \Phi^2 - 0.01 \times \Phi^3$			$W_{eff}(T) = 0.48 + 0.01 \times \Phi + 0.00 \times \Phi^2 - 0.01 \times \Phi^3$					

(continues) ⇒