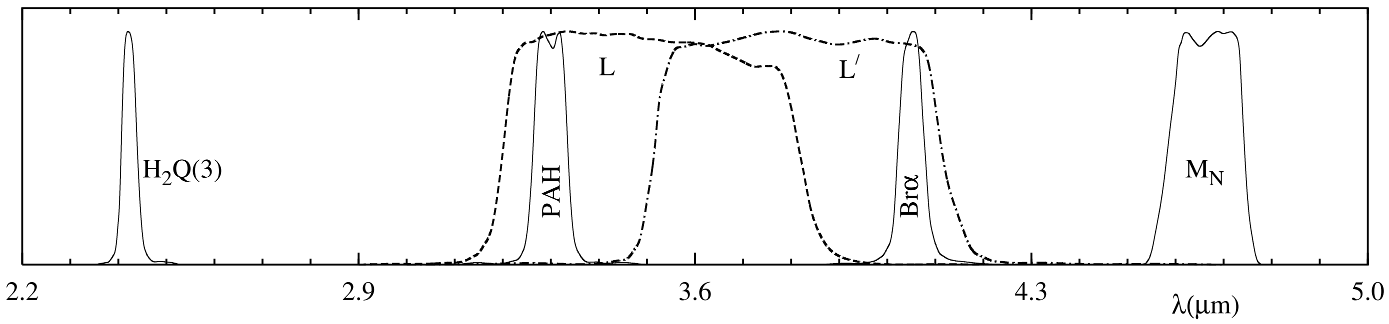

$\mathbf{H_2Q(3)}$

$\lambda_c = 2.42$	$\lambda_\circ = 2.42$	$\lambda_{peak} = 2.42$	$\lambda_{gauss} = 2.42$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.03	W10% = 0.06	W80% = 0.02	FWHM = 0.03	2.42	2.42	2.42	2.42	2.42	2.42
$W_\circ = 0.04$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.10\,^{0.10}_{0.10}$	$a = {}^{0.138}_{0.138}$ $b = {}^{-0.127}_{-0.127}$	*B3*	[0.04]	[0.04]	[0.04]	[0.04]	[0.04]	[0.04]
$\mu = 0.02$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.10\,^{0.10}_{0.10}$	$a = {}^{0.138}_{0.138}$ $b = {}^{-0.127}_{-0.127}$	*Sun*						
$I_{asym} = 1.14$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.10\,^{0.10}_{0.11}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.301, 0.006)^{r=1.00}_{B3}$	$(0.323, 0.007)^{r=1.00}_{Sun}$	$(0.369, 0.006)^{r=1.00}_{M2}$				
$I_{kurt} = 5.14$	$\lambda_{eff} = 2.424 + 0.000 \times E(B-V)$ r=1.00			$W_{eff} = 0.037 - 0.000 \times E(B-V)$ r=−0.99					
	$\lambda_{eff}(T) = 2.42 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$			$W_{eff}(T) = 0.04 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$					

PAH

$\lambda_c = 3.30$	$\lambda_\circ = 3.30$	$\lambda_{peak} = 3.28$	$\lambda_{gauss} = 3.30$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.07	W10% = 0.10	W80% = 0.06	FWHM = 0.07	3.30	3.30	3.30	3.30	3.30	3.30
$W_\circ = 0.08$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.07\,^{0.07}_{0.07}$	$a = {}^{0.084}_{0.084}$ $b = {}^{-0.077}_{-0.077}$	*B3*	[0.08]	[0.08]	[0.08]	[0.08]	[0.08]	[0.08]
$\mu = 0.03$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.07\,^{0.06}_{0.07}$	$a = {}^{0.084}_{0.084}$ $b = {}^{-0.077}_{-0.077}$	*Sun*						
$I_{asym} = 0.12$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.07\,^{0.06}_{0.07}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.200, 0.004)^{r=1.00}_{B3}$	$(0.215, 0.005)^{r=1.00}_{Sun}$	$(0.245, 0.004)^{r=1.00}_{M2}$				
$I_{kurt} = 6.24$	$\lambda_{eff} = 3.299 + 0.000 \times E(B-V)$ r=1.00			$W_{eff} = 0.076 - 0.000 \times E(B-V)$ r=−0.99					
	$\lambda_{eff}(T) = 3.30 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$			$W_{eff}(T) = 0.08 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$					

L

$\lambda_c = 3.51$	$\lambda_\circ = 3.50$	$\lambda_{peak} = 3.33$	$\lambda_{gauss} = 3.50$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.61	W10% = 0.70	W80% = 0.57	FWHM = 0.56	3.47	3.47	3.47	3.47	3.47	3.47
$W_\circ = 0.60$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.06\,^{0.06}_{0.06}$	$a = {}^{0.078}_{0.078}$ $b = {}^{-0.071}_{-0.071}$	*B3*	[0.57]	[0.57]	[0.57]	[0.57]	[0.58]	[0.58]
$\mu = 0.18$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.06\,^{0.06}_{0.06}$	$a = {}^{0.078}_{0.077}$ $b = {}^{-0.071}_{-0.071}$	*Sun*						
$I_{asym} = 0.07$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.06\,^{0.06}_{0.07}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.188, 0.003)^{r=1.00}_{B3}$	$(0.202, 0.004)^{r=1.00}_{Sun}$	$(0.231, 0.004)^{r=1.00}_{M2}$				
$I_{kurt} = -1.02$	$\lambda_{eff} = 3.504 + 0.002 \times E(B-V)$ r=1.00			$W_{eff} = 0.595 - 0.000 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 3.47 + 0.04 \times \Phi + 0.05 \times \Phi^2 - 0.02 \times \Phi^3$			$W_{eff}(T) = 0.57 + 0.06 \times \Phi - 0.02 \times \Phi^2 - 0.04 \times \Phi^3$					

L′

$\lambda_c = 3.81$	$\lambda_\circ = 3.82$	$\lambda_{peak} = 3.78$	$\lambda_{gauss} = 3.82$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.60	W10% = 0.68	W80% = 0.56	FWHM = 0.55	3.78	3.78	3.78	3.79	3.79	3.79
$W_\circ = 0.59$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.06\,^{0.06}_{0.06}$	$a = {}^{0.067}_{0.067}$ $b = {}^{-0.062}_{-0.062}$	*B3*	[0.57]	[0.57]	[0.57]	[0.57]	[0.57]	[0.57]
$\mu = 0.18$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.05\,^{0.05}_{0.06}$	$a = {}^{0.067}_{0.067}$ $b = {}^{-0.062}_{-0.062}$	*Sun*						
$I_{asym} = 0.05$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.05\,^{0.05}_{0.06}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.168, 0.003)^{r=1.00}_{B3}$	$(0.180, 0.004)^{r=1.00}_{Sun}$	$(0.206, 0.003)^{r=1.00}_{M2}$				
$I_{kurt} = -0.73$	$\lambda_{eff} = 3.818 + 0.002 \times E(B-V)$ r=1.00			$W_{eff} = 0.589 - 0.000 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 3.78 + 0.03 \times \Phi + 0.04 \times \Phi^2 - 0.02 \times \Phi^3$			$W_{eff}(T) = 0.57 + 0.05 \times \Phi - 0.00 \times \Phi^2 - 0.03 \times \Phi^3$					

$\mathbf{Br\alpha}$

$\lambda_c = 4.05$	$\lambda_\circ = 4.05$	$\lambda_{peak} = 4.05$	$\lambda_{gauss} = 4.05$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.06	W10% = 0.09	W80% = 0.04	FWHM = 0.06	4.05	4.05	4.05	4.05	4.05	4.05
$W_\circ = 0.06$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.05\,^{0.05}_{0.05}$	$a = {}^{0.060}_{0.060}$ $b = {}^{-0.055}_{-0.055}$	*B3*	[0.06]	[0.06]	[0.06]	[0.06]	[0.06]	[0.06]
$\mu = 0.03$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.05\,^{0.05}_{0.05}$	$a = {}^{0.060}_{0.060}$ $b = {}^{-0.055}_{-0.055}$	*Sun*						
$I_{asym} = 0.36$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.05\,^{0.05}_{0.05}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.153, 0.003)^{r=1.00}_{B3}$	$(0.165, 0.004)^{r=1.00}_{Sun}$	$(0.188, 0.003)^{r=1.00}_{M2}$				
$I_{kurt} = 7.51$	$\lambda_{eff} = 4.052 + 0.000 \times E(B-V)$ r=1.00			$W_{eff} = 0.061 - 0.000 \times E(B-V)$ r=−1.00					
	$\lambda_{eff}(T) = 4.05 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$			$W_{eff}(T) = 0.06 + 0.00 \times \Phi - 0.00 \times \Phi^2 - 0.00 \times \Phi^3$					

$\mathbf{M}_N$

$\lambda_c = 4.66$	$\lambda_\circ = 4.66$	$\lambda_{peak} = 4.69$	$\lambda_{gauss} = 4.67$	*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
WHM = 0.16	W10% = 0.21	W80% = 0.14	FWHM = 0.15	4.66	4.66	4.66	4.66	4.66	4.66
$W_\circ = 0.16$	$\frac{A(\lambda)}{A(V)}\vert_{5.0} = 0.04\,^{0.04}_{0.04}$	$a = {}^{0.048}_{0.048}$ $b = {}^{-0.044}_{-0.044}$	*B3*	[0.16]	[0.16]	[0.16]	[0.16]	[0.16]	[0.16]
$\mu = 0.05$	$\frac{A(\lambda)}{A(V)}\vert_{3.1} = 0.04\,^{0.04}_{0.04}$	$a = {}^{0.048}_{0.048}$ $b = {}^{-0.044}_{-0.044}$	*Sun*						
$I_{asym} = -0.10$	$\frac{A(\lambda)}{A(V)}\vert_{2.1} = 0.04\,^{0.04}_{0.04}$	$\frac{A(\lambda)}{E(B-V)}$:	$(0.129, 0.002)^{r=1.00}_{B3}$	$(0.138, 0.003)^{r=1.00}_{Sun}$	$(0.158, 0.003)^{r=1.00}_{M2}$				
$I_{kurt} = -0.97$	$\lambda_{eff} = 4.663 + 0.000 \times E(B-V)$ r=1.00			$W_{eff} = 0.160 - 0.000 \times E(B-V)$ r=−0.98					
	$\lambda_{eff}(T) = 4.66 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$			$W_{eff}(T) = 0.16 + 0.00 \times \Phi + 0.00 \times \Phi^2 - 0.00 \times \Phi^3$					