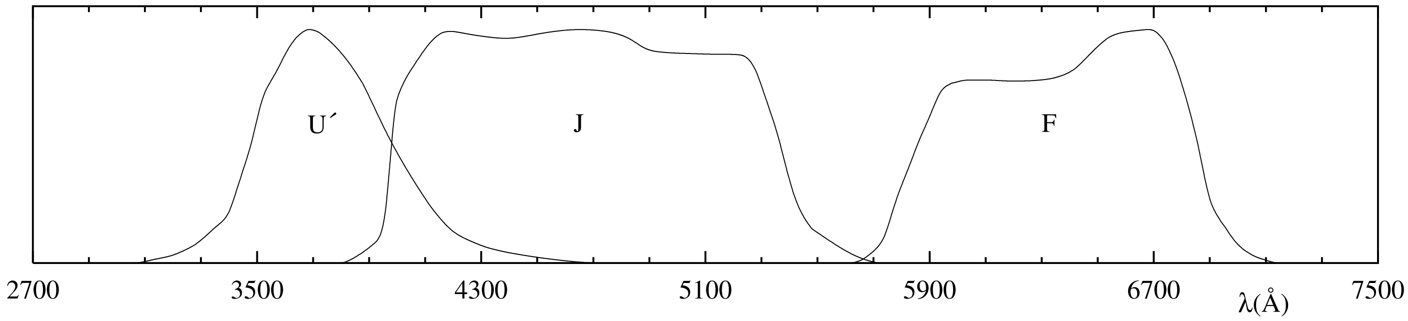
U′JF - van der Kruit - 1979



U′

$\lambda_c = 3732$	$\lambda_\circ = 3757$	$\lambda_{peak} = 3686$	$\lambda_{gauss} = 3731$
WHM = 511	W10% = 949	W80% = 302	FWHM = 519

$W_\circ = 553$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.32\ ^{1.29}_{1.31}$	$a = ^{0.970}_{0.973}$ $b = ^{1.744}_{1.695}$ *B3*
$\mu = 231$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.53\ ^{1.48}_{1.51}$	$a = ^{0.973}_{0.976}$ $b = ^{1.705}_{1.650}$ *Sun*
$I_{asym} = 0.45$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.81\ ^{1.73}_{1.78}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.681, 0.061)^{r=1.00}_{B3}$ $(4.987, 0.076)^{r=1.00}_{Sun}$ $(5.478, 0.041)^{r=0.99}_{M2}$
$I_{kurt} = 0.44$	$\lambda_{eff} = 3755.6 + 55.2 \times E(B-V)$ r=1.00	$W_{eff} = 562.7 - 38.4 \times E(B-V)$ r=−0.97
	$\lambda_{eff}(T) = 3700 + 148 \times \theta + 98 \times \theta^2 - 40 \times \theta^3$	$W_{eff}(T) = 524 + 201 \times \theta - 397 \times \theta^2 + 90 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
3754	3829	3794	3864	3979	4015
[550]	[476]	[550]	[474]	[334]	[162]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
3718	3736	3750	3736	3751	3728

J

$\lambda_c = 4674$	$\lambda_\circ = 4679$	$\lambda_{peak} = 4653$	$\lambda_{gauss} = 4653$
WHM = 1389	W10% = 1607	W80% = 1252	FWHM = 1257

$W_\circ = 1338$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.14\ ^{1.12}_{1.15}$	$a = ^{1.007}_{1.012}$ $b = ^{0.797}_{0.622}$ *B3*
$\mu = 413$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.23\ ^{1.18}_{1.24}$	$a = ^{1.012}_{1.015}$ $b = ^{0.636}_{0.485}$ *Sun*
$I_{asym} = 0.09$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.34\ ^{1.27}_{1.35}$	$\frac{A(\lambda)}{E(B-V)}$: $(3.915, -0.001)^{r=-0.21}_{B3}$ $(4.068, 0.010)^{r=0.97}_{Sun}$ $(4.402, -0.004)^{r=-0.90}_{M2}$
$I_{kurt} = -1.06$	$\lambda_{eff} = 4681.1 + 149.0 \times E(B-V)$ r=1.00	$W_{eff} = 1388.3 - 220.2 \times E(B-V)$ r=−0.98
	$\lambda_{eff}(T) = 4532 + 280 \times \theta + 288 \times \theta^2 - 181 \times \theta^3$	$W_{eff}(T) = 1160 + 996 \times \theta - 1606 \times \theta^2 + 455 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4566	4591	4700	4794	4909	5025
[1253]	[1290]	[1327]	[1231]	[1011]	[709]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4588	4617	4916	4656	4880	4599

F

$\lambda_c = 6356$	$\lambda_\circ = 6375$	$\lambda_{peak} = 6679$	$\lambda_{gauss} = 6397$
WHM = 1004	W10% = 1253	W80% = 427	FWHM = 847

$W_\circ = 902$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.86\ ^{0.86}_{0.88}$	$a = ^{0.932}_{0.927}$ $b = ^{-0.237}_{-0.247}$ *B3*
$\mu = 315$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.81\ ^{0.81}_{0.84}$	$a = ^{0.929}_{0.924}$ $b = ^{-0.243}_{-0.253}$ *Sun*
$I_{asym} = -0.12$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.74\ ^{0.73}_{0.77}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.512, 0.031)^{r=0.99}_{B3}$ $(2.678, 0.041)^{r=1.00}_{Sun}$ $(3.023, 0.028)^{r=1.00}_{M2}$
$I_{kurt} = -1.04$	$\lambda_{eff} = 6374.9 + 53.0 \times E(B-V)$ r=1.00	$W_{eff} = 912.3 - 40.2 \times E(B-V)$ r=−0.97
	$\lambda_{eff}(T) = 6310 + 83 \times \theta + 86 \times \theta^2 - 44 \times \theta^3$	$W_{eff}(T) = 872 + 95 \times \theta - 59 \times \theta^2 - 40 \times \theta^3$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
6319	6323	6353	6375	6403	6434
[881]	[885]	[898]	[901]	[896]	[880]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
6362	6309	6554	6506	6515	6315