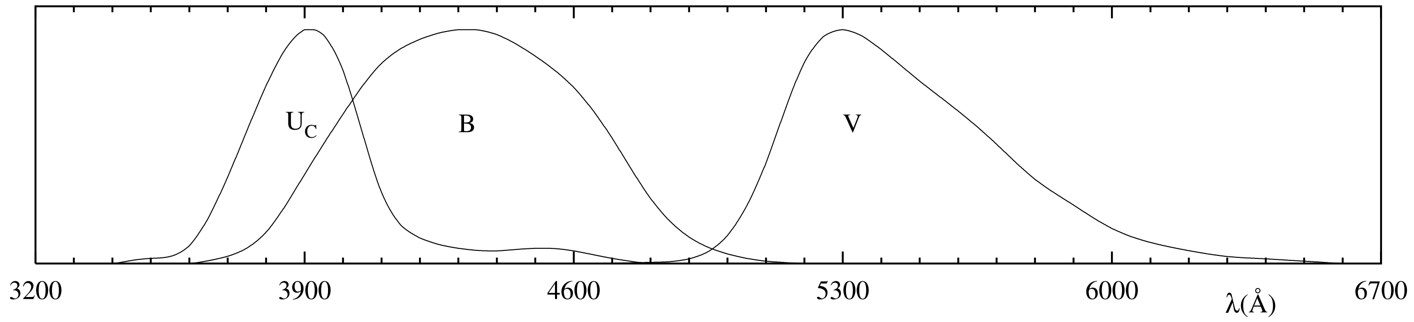
U_cBV - Arp - 1958



U_C				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 3896$	$\lambda_\circ = 3938$	$\lambda_{peak} = 3900$	$\lambda_{gauss} = 3901$	3931	3964	3977	4050	4151	4197
WHM $= 328$	W10% $= 602$	W80% $= 194$	FWHM $= 350$	[360]	[338]	[350]	[280]	[199]	[374]
$W_\circ = 373$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.29\ ^{1.27}_{1.28}$	$a\ =\ ^{0.979}_{0.981}\ \ b\ =\ ^{1.570}_{1.537}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 199$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.47\ ^{1.44}_{1.46}$	$a\ =\ ^{0.981}_{0.983}\ \ b\ =\ ^{1.520}_{1.470}$	*Sun*	3927	3942	3833	3902	3931	3927
$I_{asym} = 1.28$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.72\ ^{1.66}_{1.69}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.505, 0.068)^{r=1.00}_{B3}$	$(4.794, 0.078)^{r=1.00}_{Sun}$		$(5.277, 0.035)^{r=0.99}_{M2}$			
$I_{kurt} = 2.62$	$\lambda_{eff} = 3934.7 + 45.2 \times E(B-V)$ r=1.00			$W_{eff} = 377.4 - 18.4 \times E(B-V)$ r=–0.96					
	$\lambda_{eff}(T) = 3901 + 79 \times \theta + 78 \times \theta^2 - 7 \times \theta^3$			$W_{eff}(T) = 363 + 58 \times \theta - 91 \times \theta^2 - 23 \times \theta^3$					
B				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 4329$	$\lambda_\circ = 4334$	$\lambda_{peak} = 4300$	$\lambda_{gauss} = 4327$	4291	4311	4370	4439	4496	4614
WHM $= 769$	W10% $= 1135$	W80% $= 500$	FWHM $= 714$	[735]	[739]	[725]	[656]	[551]	[362]
$W_\circ = 760$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.21\ ^{1.20}_{1.21}$	$a\ =\ ^{0.995}_{0.997}\ \ b\ =\ ^{1.147}_{1.072}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 265$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.35\ ^{1.32}_{1.34}$	$a\ =\ ^{0.998}_{1.001}\ \ b\ =\ ^{1.045}_{0.970}$	*Sun*	4337	4398	4378	4318	4433	4312
$I_{asym} = 0.09$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.52\ ^{1.48}_{1.50}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.174, 0.049)^{r=0.99}_{B3}$	$(4.404, 0.064)^{r=1.00}_{Sun}$		$(4.886, 0.047)^{r=1.00}_{M2}$			
$I_{kurt} = -0.57$	$\lambda_{eff} = 4333.4 + 65.0 \times E(B-V)$ r=1.00			$W_{eff} = 775.1 - 59.1 \times E(B-V)$ r=–0.97					
	$\lambda_{eff}(T) = 4267 + 149 \times \theta + 109 \times \theta^2 - 63 \times \theta^3$			$W_{eff}(T) = 714 + 265 \times \theta - 440 \times \theta^2 + 89 \times \theta^3$					
V				*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 5411$	$\lambda_\circ = 5468$	$\lambda_{peak} = 5300$	$\lambda_{gauss} = 5405$	5424	5429	5463	5492	5522	5564
WHM $= 591$	W10% $= 1090$	W80% $= 302$	FWHM $= 588$	[614]	[616]	[624]	[607]	[573]	[556]
$W_\circ = 626$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.01\ ^{1.00}_{1.02}$	$a\ =\ ^{1.004}_{1.001}\ \ b\ =\ ^{0.035}_{0.009}$	*B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\mu = 275$	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.01\ ^{1.00}_{1.03}$	$a\ =\ ^{1.002}_{0.999}\ \ b\ =\ ^{0.015}_{-0.011}$	*Sun*	5448	5525	5172	5465	5329	5426
$I_{asym} = 0.72$	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.01\ ^{1.00}_{1.04}$	$\frac{A(\lambda)}{E(B-V)}$:	$(3.129, 0.037)^{r=1.00}_{B3}$	$(3.327, 0.046)^{r=1.00}_{Sun}$		$(3.743, 0.027)^{r=0.99}_{M2}$			
$I_{kurt} = 0.41$	$\lambda_{eff} = 5465.3 + 63.0 \times E(B-V)$ r=1.00			$W_{eff} = 635.4 - 40.8 \times E(B-V)$ r=–0.97					
	$\lambda_{eff}(T) = 5416 + 74 \times \theta + 87 \times \theta^2 - 32 \times \theta^3$			$W_{eff}(T) = 608 + 66 \times \theta - 59 \times \theta^2 - 30 \times \theta^3$					