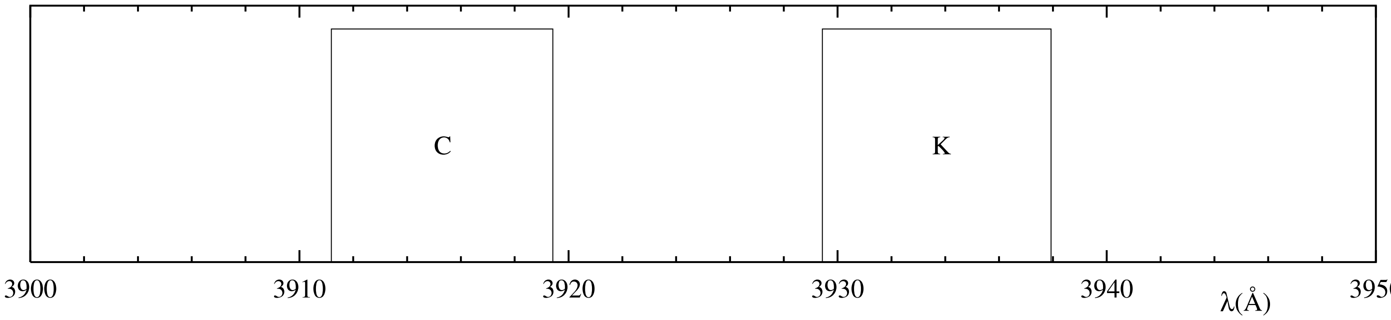
Ca II K - Henry - 1969



C original profile: rectangular

$\lambda_c = 3915.3$

WHM = 8.2

		B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
		3915.3	3915.3	3915.3	3915.0	3915.0	3915.0
		[8.2]	[8.2]	[8.2]	[8.3]	[8.3]	[8.1]
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.29\ ^{1.28}_{1.34}$	$a\ =\ ^{0.979}_{0.979}\ \ b\ =\ ^{1.585}_{1.585}$ *B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.48\ ^{1.46}_{1.55}$	$a\ =\ ^{0.979}_{0.979}\ \ b\ =\ ^{1.585}_{1.585}$ *Sun*	3915.3	3915.4	3915.6	3915.3	3915.2	3915.3
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.73\ ^{1.69}_{1.85}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.518, 0.085)^{r=1.00}_{B3}$		$(4.868, 0.107)^{r=1.00}_{Sun}$		$(5.569, 0.086)^{r=1.00}_{M2}$	
$\lambda_{eff} = 3915.3 + 0.0 \times E(B-V)$ r=1.00		$W_{eff} = 8.2 - 0.0 \times E(B-V)$ r=−0.95					
$\lambda_{eff}(T) = 3915.3 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$		$W_{eff}(T) = 8.2 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$					

K original profile: rectangular

$\lambda_c = 3933.7$

WHM = 8.5

		B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
		3933.6	3933.6	3933.0	3932.7	3933.1	3934.3
		[8.5]	[8.5]	[8.6]	[8.2]	[8.6]	[8.0]
$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.29\ ^{1.28}_{1.33}$	$a\ =\ ^{0.979}_{0.979}\ \ b\ =\ ^{1.567}_{1.567}$ *B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.48\ ^{1.45}_{1.55}$	$a\ =\ ^{0.979}_{0.979}\ \ b\ =\ ^{1.567}_{1.567}$ *Sun*	3933.6	3933.6	3933.3	3933.6	3933.7	3933.6
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.73\ ^{1.68}_{1.84}$	$\frac{A(\lambda)}{E(B-V)}$:	$(4.501, 0.084)^{r=1.00}_{B3}$		$(4.850, 0.107)^{r=1.00}_{Sun}$		$(5.548, 0.086)^{r=1.00}_{M2}$	
$\lambda_{eff} = 3933.6 + 0.0 \times E(B-V)$ r=1.00		$W_{eff} = 8.5 - 0.0 \times E(B-V)$ r=−0.96					
$\lambda_{eff}(T) = 3933.6 + 0.0 \times \theta + 0.0 \times \theta^2 - 0.0 \times \theta^3$		$W_{eff}(T) = 8.5 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$					