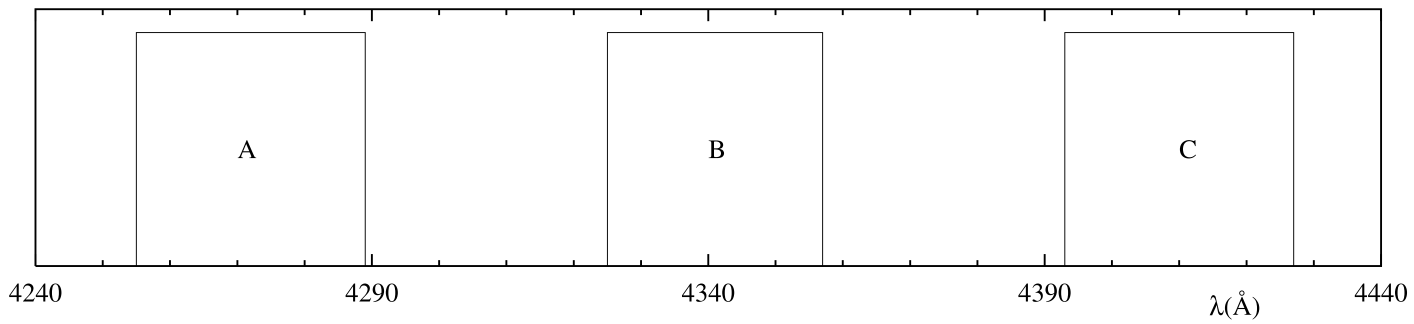
$H\gamma$ - Beer - 1964



A original profile: rectangular

$\lambda_c = 4272$

WHM = 34

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4272	4272	4272	4272	4273	4270
[34]	[34]	[34]	[34]	[34]	[32]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4272	4271	4271	4272	4272	4272

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.23\ ^{1.22}_{1.27}$	$a\ =\ ^{0.994}_{0.994}\quad b\ =\ ^{1.171}_{1.171}$ *B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.38\ ^{1.36}_{1.44}$	$a\ =\ ^{0.994}_{0.994}\quad b\ =\ ^{1.171}_{1.171}$ *Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.56\ ^{1.52}_{1.67}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.198, 0.079)^{r=1.00}_{B3}$ $(4.510, 0.100)^{r=1.00}_{Sun}$ $(5.150, 0.085)^{r=1.00}_{M2}$
$\lambda_{eff} = 4272.0 + 0.1 \times E(B-V)$ r=1.00	$W_{eff} = 34.0 - 0.0 \times E(B-V)$ r=-0.96
$\lambda_{eff}(T) = 4271.9 + 0.2 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$	$W_{eff}(T) = 34.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

B original profile: rectangular

$\lambda_c = 4341$

WHM = 32

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4341	4341	4341	4342	4342	4338
[32]	[32]	[32]	[31]	[31]	[29]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4341	4340	4340	4341	4343	4341

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.22\ ^{1.20}_{1.26}$	$a\ =\ ^{0.997}_{0.997}\quad b\ =\ ^{1.083}_{1.083}$ *B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.36\ ^{1.34}_{1.42}$	$a\ =\ ^{0.997}_{0.997}\quad b\ =\ ^{1.082}_{1.082}$ *Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.53\ ^{1.49}_{1.64}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.136, 0.078)^{r=1.00}_{B3}$ $(4.442, 0.098)^{r=1.00}_{Sun}$ $(5.073, 0.084)^{r=1.00}_{M2}$
$\lambda_{eff} = 4341.0 + 0.1 \times E(B-V)$ r=1.00	$W_{eff} = 32.0 - 0.0 \times E(B-V)$ r=-0.96
$\lambda_{eff}(T) = 4340.9 + 0.2 \times \theta + 0.1 \times \theta^2 - 0.1 \times \theta^3$	$W_{eff}(T) = 32.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$

C original profile: rectangular

$\lambda_c = 4410$

WHM = 34

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4410	4410	4410	4410	4410	4412
[34]	[34]	[34]	[34]	[34]	[33]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4410	4411	4411	4410	4410	4410

$\frac{A(\lambda)}{A(V)}\|_{5.0} = 1.20\ ^{1.19}_{1.24}$	$a\ =\ ^{1.000}_{1.000}\quad b\ =\ ^{0.994}_{0.994}$ *B3*
$\frac{A(\lambda)}{A(V)}\|_{3.1} = 1.33\ ^{1.31}_{1.40}$	$a\ =\ ^{1.000}_{1.000}\quad b\ =\ ^{0.994}_{0.993}$ *Sun*
$\frac{A(\lambda)}{A(V)}\|_{2.1} = 1.50\ ^{1.46}_{1.60}$	$\frac{A(\lambda)}{E(B-V)}$: $(4.071, 0.076)^{r=1.00}_{B3}$ $(4.373, 0.097)^{r=1.00}_{Sun}$ $(4.995, 0.083)^{r=1.00}_{M2}$
$\lambda_{eff} = 4410.0 + 0.1 \times E(B-V)$ r=1.00	$W_{eff} = 34.0 - 0.0 \times E(B-V)$ r=-0.96
$\lambda_{eff}(T) = 4409.9 + 0.2 \times \theta + 0.1 \times \theta^2 - 0.1 \times \theta^3$	$W_{eff}(T) = 34.0 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$