

MEASURES OF α CETI

λ	6786		6831		8655		8659							
	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.
4535.965	+67.5	$\frac{1}{2}$	+83.2	$\frac{1}{2}$			+57.8	$\frac{1}{2}$						
4404.927			87.8	$\frac{1}{2}$			54.1	$\frac{1}{2}$						
4395.286							67.9	$\frac{1}{2}$						
4325.939	88.5	$\frac{1}{2}$	73.0	$\frac{1}{2}$										
4308.081	69.1	$\frac{1}{2}$	61.0	$\frac{1}{2}$										
4340.634 cm	78.2	1	70.9	1	+35.4	1	37.5	1						
4401.890 cm	+71.6	1	+63.2	1	+35.3	1	+31.5	1						
Weighted mean	+ 76.24		+ 79.67				+ 59.40							
V_{λ}	- 25.71		- 21.39		+ 13.45		+ 10.81							
V_{λ}	- .22		- .25		+ .17		+ .11							
Curv.	- .28		- .28		- .28		- .28							
Radial Velocity	+ 50.0		+ 57.8				+ 70.1							
Emission	+ 48.7		+ 45.1		+ 49.2		+ 45.3							

35 ARIETIS

(1900, $\alpha = 2^h 37^m.6$, $\delta = +27^\circ 17'$, mag. 4.58, type B8)

No measures seem to have been published for this star. The lines of hydrogen and helium while fairly broad should give reasonable accuracy in the measures. Plate 3667 is underexposed, so that a variation in velocity cannot be said to be established.

Plate	Date, G.M.T.	Velocity	Lines
2708	1909, Aug. 2.837	+17	8
2858	Oct. 6.787	+23	7
3650	1910, Sept. 14.839	+11	8
3667	" 16.758	+35	3
8717	1919, Feb. 24.526	+19	7