Original Motivation: 1964

"...to see into the interior of a star and thus verify directly the hypothesis of nuclear energy generation in stars."

Predicted	Observed
From Sun	o.k.
Rates (5 expts.)	$\sim$ Predicted Rates
0–14 MeV	$\lesssim$ 14 MeV
Constant in time (except seasonal)	$\sim$ o.k.