

# PICO-2L results

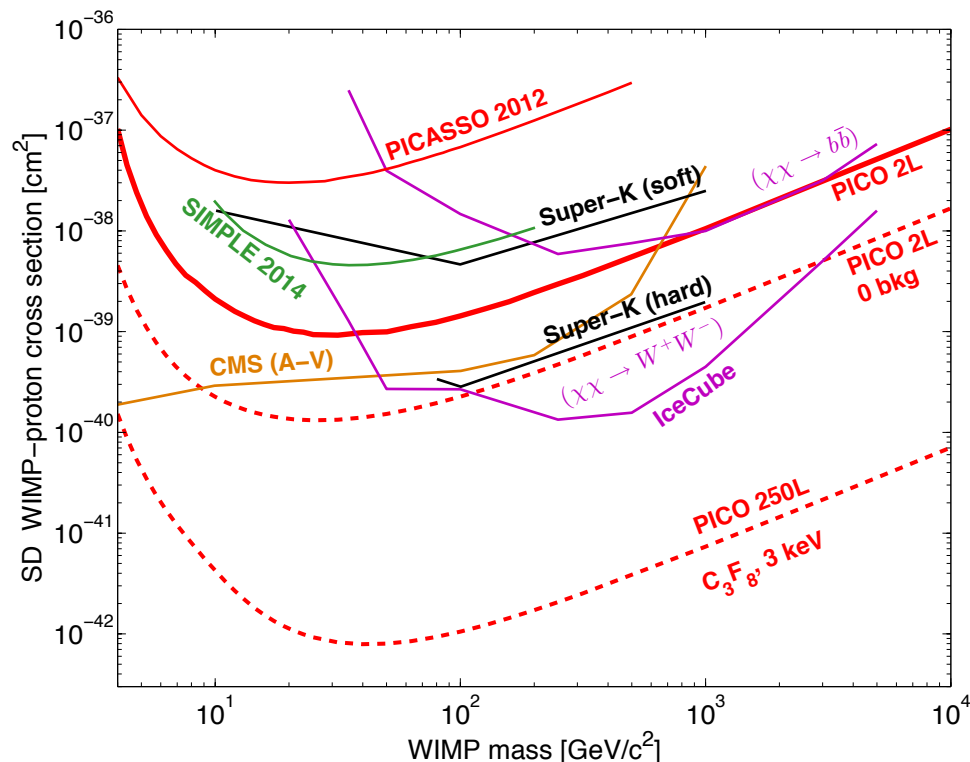
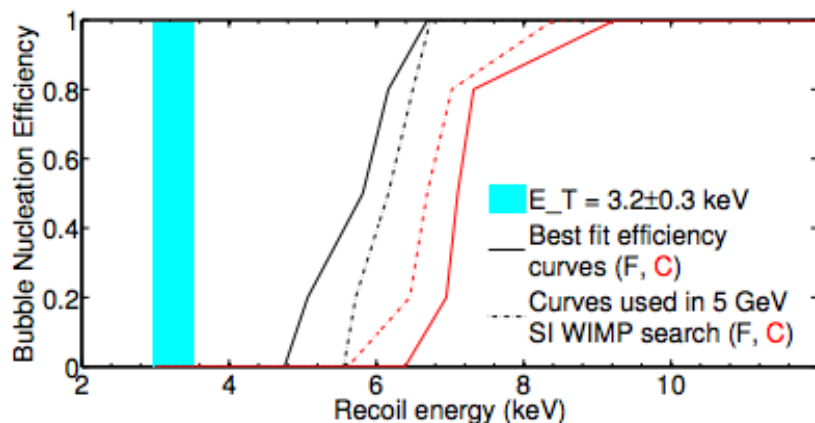
arXiv:1503.00008, accepted in PRL



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- ▶ Candidate events are inconsistent with WIMP
  - KS p-value of 0.04 for timing distribution of events
- ▶ Limits are derived



T (°C)	P (psia)	Seitz threshold, $E_T$ (keV)	Livetime (d)	WIMP exposure (kg-d)	No. of candidate events
14.2	31.1	$3.2 \pm 0.2(\text{exp}) \pm 0.2(\text{th})$	32.2	74.8	9
12.2	31.1	$4.4 \pm 0.3(\text{exp}) \pm 0.3(\text{th})$	7.5	16.8	0
11.6	36.1	$6.1 \pm 0.3(\text{exp}) \pm 0.3(\text{th})$	39.7	82.2	3
11.6	41.1	$8.1 \pm 0.5(\text{exp}) \pm 0.4(\text{th})$	18.2	37.8	0