

LZ Update

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- 10.9 years of livetime analyzed so far (last update at 8.8 years)
- energy cuts on particles > 100 keV
- $NR > 5$ keVnr
- results consistent with previous iteration

	Flux entering Tank	1000 day live time
Muon entering water tank	1.76×10^{-5} mu/m ² /s	-
Neutron entering water tank	1.67×10^{-6} n/m ² /s	-
Neutrons entering Xe	9.6×10^{-6} n/m ² /s	-
NR/s	1.2×10^{-4}	~10000
Rate of Single WIMP in entire volume	2.9×10^{-9} (1 event)	0.3
Rate of Single WIMP in fiducial volume	$< 2.9 \times 10^{-9}$	< 0.3

Muon Veto for multiple NR (at least 1 GeV muon entering water tank) : 99.98%