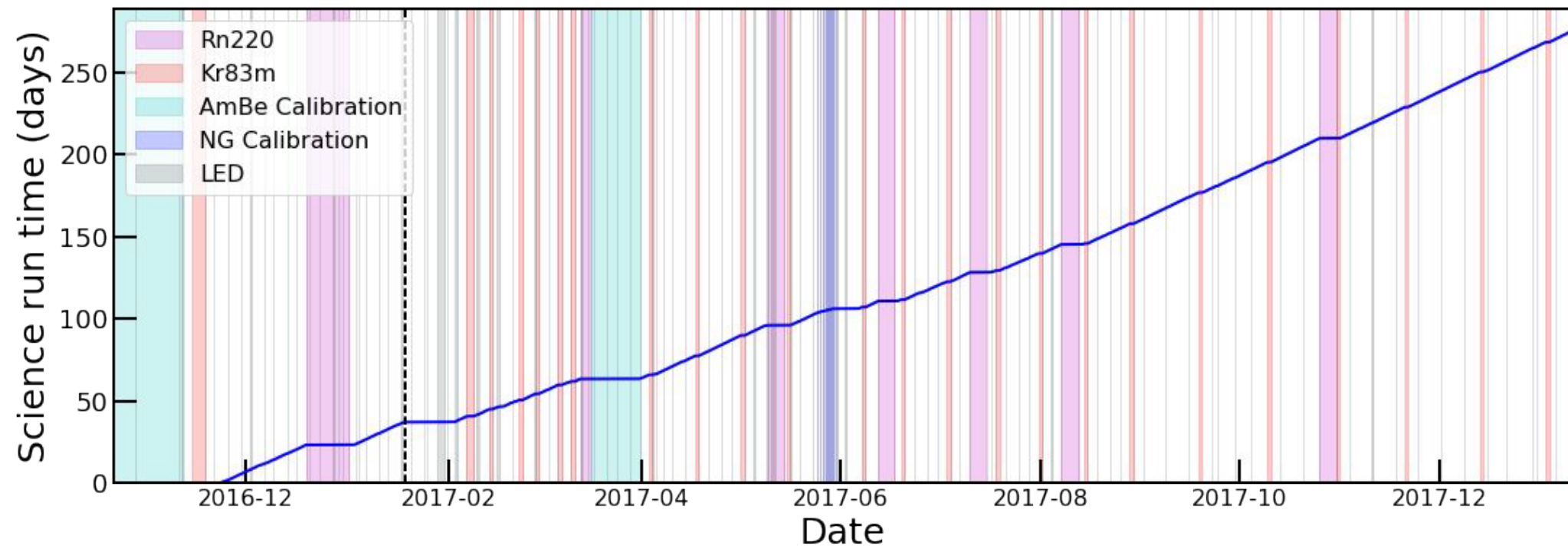


Update from XENON

We continued taking data over Xmas



Exposure is $\sim 270\text{d} \times 1.3\text{ t} = \sim 1\text{ ton-year}$

Compare to:

Previous XENONIT	34 ton-day
PandaX-II	54 ton-day
LUX	33 ton-day

...and 4-10x lower BG!

LNGS 30 years old last Monday



XENONnT TDR

- New XENONnT systems
 - Liquid Xe purification
 - Continuous Radon distillation
 - LS Neutron Veto
 - Expand emergency Xe storage
- Currently writing a TDR
 - Crucial role for AP as Technical Coordinator

