

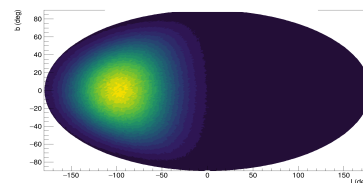
THE CYGNO EXPERIMENT, A DIRECTIONAL DETECTOR FOR DIRECT DARK MATTER SEARCHES



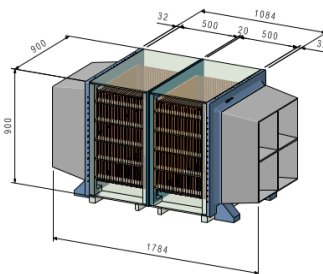
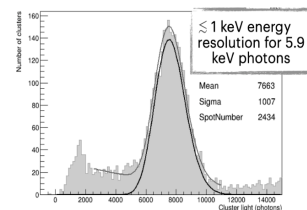
G. Dho on behalf of CYGNO coll.

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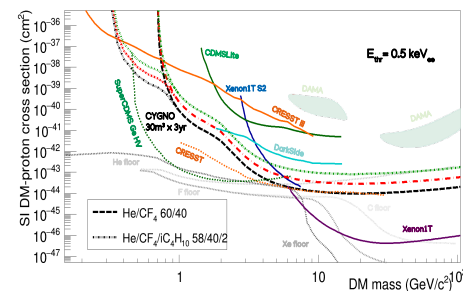
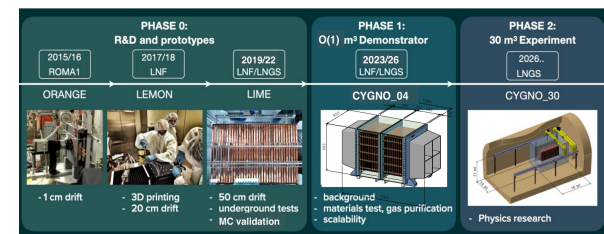
- Detector for diirectional Dark Matter searches
- CYGNO future phases to be hosted at LNGS
- Recent result promising for the detector operation
- CYGNO_04 already under design
- CYGNO_30 expected physics performances under evaluation together with R&D development



Simulation of F recoils in Galactic coord



Detector Vol = $0.66 \times 0.66 \times 1.03 = 0.4$ Mc



PRELIMINARY

