CYGNO Collaboration Meeting 2021



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Background simulations for CYGNO detector

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A review of the simulations for the background estimation of CYGNO experiment is presented. External background from environmental gamma and neutrons at LNGS is simulated for different shielding options. Internal background from the various parts of the setup is calculated assuming the radioactivity measurements made by the collaboration (if available), or from literature and public databases.

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