

Latest results of meson photoproduction on deuterium at GRAAL

Wednesday, 26 February 2025 11:40 (20 minutes)

The latest results of data from the GRAAL experiment for coherent $\pi\pi$ and $\eta\pi$ coherent photoproduction channels on deuterium are presented. A complete kinematical reconstruction was made with the deuterons identified by the forward part of the GRAAL set-up and the π^0 and η reconstructed by two photons detected by the central part of the apparatus. The results of the GRAAL data are compared with the results of the BGOOD data. Further, an overview of the GRAAL setup is shown.

Primary author: Dr RIGGIO, Antonio (Dip. MIFT Università degli studi di Messina, Istituto Nazionale di Fisica Nucleare)

Presenter: Dr RIGGIO, Antonio (Dip. MIFT Università degli studi di Messina, Istituto Nazionale di Fisica Nucleare)

Session Classification: Day 3 - Session 2