

XSCRC2024: Cross sections for Cosmic Rays @ CERN

Thursday 17 October 2024

Relevant XS reactions and precision for GCRs - 4/3-006 - TH Conference Room (10:05 - 10:55)

-Conveners: Fiorenza Donato

time	[id] title	presenter
10:05	[26] Desired reactions for nuclear production XS [15'+10']	MAURIN, David Alain
10:30	[27] Production cross sections of electron, positrons and gamma rays [15'+10']	ORUSA, Luca

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Relevant XS reactions and precision for GCRs - 4/3-006 - TH Conference Room (09:50 - 11:05)

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time	[id] title	presenter
09:50	[11] Deuteron and Helium-3 production cross sections and propagation in the Galaxy [10'+5']	GOMEZ CORAL, Diego Mauricio
10:05	[4] Measurement of proton spallation cross-sections of natCr and 55Mn between 0.2-2.5 GeV relevant to galactic cosmic ray propagation [10'+5']	GHOSH, Priyarshini
10:20	[9] The Fluka cross sections for secondary cosmic rays: Latest results [10'+5']	DE LA TORRE LUQUE, Pedro
10:35	[7] Data-driven constraints on cosmic-ray diffusion: Probing self-generated turbulence in the Milky Way [10'+5']	CUOCO, Alessandro
10:50	[50] From the AMS-02 isotope fluxes to their production cross sections [10'+5']	ZHAO, Meng-Jie