

Leading Modes of the $3\pi^0$ production in proton-proton collisions at incident proton momentum 3.35 GeV/c *

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The direct multimeson production channels in the region of narrow mesonic states (like η , ω , η') form the main background contribution for studies of meson production and decays.

Preliminary high statistics results on Total Cross Section and Dalitz Plots for $3\pi^0$ final states measured in proton-proton collisions at a proton incident momentum $P_b = 3.35$ GeV/c by the WASA-at-COSY detector will be presented.

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