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Strangeness production in fixed-target collisions at LHCb

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The LHCb SMOG system provides the unique opportunity to study strangeness production in fixed-target collisions at the LHC. Studies of strangeness production in high-energy fixed-target collisions provides information on hadronization and serve as important inputs to models of particle production in cosmic rays. Recent results on strangeness production in fixed-target proton-nucleus collisions will be presented, including studies hyperon production and polarization.

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