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Open heavy flavor production at LHCb

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The LHCb experiment is a dedicated heavy-flavor experiment at the LHC and is uniquely well-suited to studying heavy-flavor production in heavy-ion collisions. Open heavy-flavor production studies at LHCb provide strong constraints on nuclear parton densities and probe the hadronization process in the hot, dense, nuclear media produced in heavy-ion collisions. Recent measurements of heavy-flavor production in heavy-ion collisions with the LHCb detector will be presented, including studies of charm and beauty baryon production.

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Classification de Session: Track2-HF&Q

Classification de thématique: Heavy-Flavours & Quarkonia