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Measurement of virtual photons radiated from Au+Au collisions at ⊠beam = 1.23A GeV with HADES

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This is the paramount topic of the experimental program of HADES conducted at SIS18 accelerator in GSI. Strong, non-linear system size dependence of the integrated yield above the NN reference has been extracted from former C+C and Ar+KCl runs [1].

This contribution will present results on virtual photon production from high statistics Au+Au at beam=1.23A GeV data and confront them with the reference measured by HADES as well as with available model predictions. The integrated excess yield will be put in context of the dilepton excitation function measured in RHIC beam energy scan.

[1] G. Agakishiev et al. [HADES Collaboration], Phys. Rev. C 84 (2011) 014902

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