

Dielectron production in Ar+KCl at 1.756 AGeV with HADES

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HADES collaboration studied di-lepton production in C+C, p+p, and d+p reactions, with the main concern to study properties of vectors mesons through their di-lepton decay. Production of e+e- pairs in Ar+KCl collisions at a beam energy of 1.756 AGeV was measured recently by the collaboration and preliminary results of the experimental data analysis will be reported. Pair spectra will be compared with predictions of a simple Monte Carlo based event generator (PLUTO) as well as with already published results from the previous experiments C+C at 1 AGeV and 2 AGeV.

[1] <http://www-hades.gsi.de/>

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