

Coherent ρ^0 photoproduction in heavy ion collisions

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A summary of several papers on the coherent ρ^0 photoproduction in ultra-peripheral heavy ion collisions and the comparison of their findings along with model comparisons. 4 papers by the STAR collaboration reporting on Au-Au collisions at $\sqrt{S_{NN}} = 130$ GeV, $\sqrt{S_{NN}} = 200$ GeV, $\sqrt{S_{NN}} = 62.4$ GeV, and one by the ALICE collaboration reporting on Pb-Pb collisions at $\sqrt{S_{NN}} = 2.76$ TeV all using the $\pi^+\pi^-$ decay channel.

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