

Upsilon production in p+p and Au+Au collisions in STAR

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The study of quarkonium production in relativistic heavy ion collisions provides insight into the properties of the produced medium. While the use of charmonium has a long history, it has become clear from lattice studies that a full spectroscopy including bottomonium can provide us a better thermometer for the produced matter. With the completion of the STAR Electromagnetic Calorimeter and with the increased luminosity provided by RHIC in runs 6 and 7, the study of Υ production via the di-electron channel becomes possible. We present the results on Υ measurements in p+p collisions from 9 pb^{-1} (Run 6) as well as preliminary results from Au+Au collisions (Run 7).