

Abstract Submitted
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Inclusive Jet and Dijet Cross Section and Longitudinal Double Spin TAI SAKUMA, MIT, STAR COLLABORATION — The polarized gluon distribution in the proton, ΔG , is of particular interest to the STAR Spin program. Double spin asymmetry, A_{LL} , of the jets production rate is sensitive to ΔG . With its large acceptance electromagnetic calorimetry and tracking system, STAR is well suited for these measurements. We report the status of the measurements of inclusive jet and dijet cross section and A_{LL} for the polarized proton-proton collision data taken during RHIC 2005 and 2006 run.

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