

Abstract Submitted
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Searching for heavy resonances at ATLAS using b tagged jets
SOO RYU¹, HEP/ANL, ATLAS COLLABORATION — Several models beyond the Standard Model predict heavy particles preferentially decaying to bb or bg. This talk presents the searches for narrow resonances in invariant mass spectra of single and double-b tagged jets, using pp collision data corresponding to an integrated luminosity of 3.3 fb⁻¹ at $\sqrt{s} = 13$ TeV. The upper limit at 95% confidence level limits have been set for the Z' and b^* .

¹A presenter assigned by the ATLAS collaboration.

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