

## Abstract

Searches for mass resonances in the b-tagged dijets invariant mass spectrum below 1 TeV have been performed with the ATLAS detector at the LHC. The dijet mass distribution from 0.5 TeV to 1.2 TeV is studied. The sensitivity was optimized considering a 750 GeV narrow resonance. The 2015 proton-proton collision data at  $\sqrt{s} = 13$  TeV is used, corresponding to an integrated luminosity of  $3.2 \text{ fb}^{-1}$ . Conclusions will be added once the full mass spectrum has been unblinded.