



# XXIV QUARK MATTER DARMSTADT 2014

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## The Forwards-Backwards Asymmetry of Charged Particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with CMS

*Tuesday, 20 May 2014 16:30 (2 hours)*

The forwards-backwards asymmetry ( $Y_{asm}$ ) of inclusive charged particles is reported as a function of transverse momentum in pPb collisions at  $\sqrt{s_{NN}}=5.02$  TeV as measured with the CMS detector. These asymmetries are constructed from the charged particle transverse momentum spectra measured for  $0.4 < p_T < 100$  GeV/c, and in six pseudorapidity classes ranging from 0.3 to 1.8. In addition, the asymmetry is presented in classes of event activity determined by the total energy measured in the forward hadron calorimeter.

### **On behalf of collaboration:**

CMS

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