



Contribution ID: 389

Type: **Experimental poster**

AFP Performance in the Low Pile-up Runs

Thursday 10 June 2021 18:45 (1 hour)

Since 2016 ATLAS detector is equipped with new devices - ATLAS Forward Proton (AFP) detectors. AFP aims to measure protons scattered at very small angles, which are a natural signature of so-called diffractive events. Measurement of properties of diffractive events usually require low pile-up data-taking conditions. AFP performance in such special, low pile-up runs, including evaluation of detector efficiency, will be presented.

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Session Classification: Poster Session

Track Classification: Performance