

COMPASS results on pion and kaon multiplicities from SIDIS on proton target.

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New COMPASS preliminary results on pion and kaon multiplicities from SIDIS on proton target will be presented. These proton results provide

a complementary data set to the deuteron results published in 2016.

One of the improvements over previous COMPASS analyses is an improved treatment of Radiative Corrections using DJANGO MC. Comparing to the previously used method relative differences up to 10% are observed at the level of multiplicities. Despite these changes the preliminary

COMPASS kaon results are still incompatible with HERMES ones.

The presented results will provide an important input for global fragmentation functions fits.

Parallel Session

Nucleon Structure in DIS

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Session Classification: Nucleon Structure in DIS