

# Measurements of Diffractive and Inelastic Cross Section with ALICE at the LHC

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## Summary

The ALICE collaboration has carried out measurements of the total inelastic and diffractive cross sections in pp interactions, using a van der Meer scan and an analysis based on the distributions of gaps in charged particle pseudorapidity distributions. The results, at  $\sqrt{s} = 0.9, 2.76$  and  $7$  TeV, will be presented. The results will be compared with other experimental results at the LHC and at lower energies, and with recent model calculations.

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