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## Soft QCD results from the D0 experiment

*Saturday, 24 July 2010 11:00 (17 minutes)*

We review several measurements using data collected by the D0 experiment at the Fermilab Tevatron ppbar collider at  $\sqrt{s}=1.96$  TeV and corresponding to an integrated luminosity of  $1 \text{ fb}^{-1}$ . A sample of photon+3-jet events is used to determine the fraction of events with double parton scattering as a function of the transverse momentum of the second jet. We also report measurements of the angular correlations between charged tracks in minimum bias events, evidence for the exclusive dijet production in the region of high invariant dijet masses ( $M_{jj} > 100$  GeV) and a measurement of the elastic differential cross section in the range  $0.25 < |t| < 1.2$  GeV.

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