

Abstract Submitted
for the APR15 Meeting of
The American Physical Society

Double Parton Interactions in $2\gamma + 2$ jets events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV at D0 GEORGE GOLOVANOV¹, Joint Institute for Nuclear Research, Russia, DZERO COLLABORATION — We use a sample of diphoton + dijet events collected by the D0 detector in a data sample corresponding to an integrated luminosity of about 8.7 fb^{-1} of $p\bar{p}$ collisions at the Fermilab Tevatron collider, to study properties of events with double-parton scattering (DPS) in single $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. We describe the measurement of the DPS event fraction, the effective cross section (σ_{eff}), for double-parton scattering

¹Presenting on behalf of the D0 Collaboration

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Date submitted: 09 Jan 2015

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