

Abstract Submitted
for the APR17 Meeting of
The American Physical Society

Exclusive K+K- production by double pomeron exchange at the Fermilab Bevatron MICHAEL ALBROW, Fermilab, CDF COLLABORATION
— We present data from proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV collected by the CDF experiment, in which a K+K- pair is reconstructed in the central region $|\eta| < 1.0$, and no other particles are detected in the range $-5.9 < \eta < +5.9$. Hadron collisions with such large rapidity gaps are described by double pomeron exchange where the central state has $Q = B = S = 0$, isospin $I = 0$, even spin J , positive parity P and positive charge parity C . It is therefore a quantum number filter, of particular interest for states with high gluon content, such as hybrids and glueballs.

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Date submitted: 30 Sep 2016

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