Partons

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1 deep-inelastic scattering

Figure 1: \( W \) is the mass of the unobserved final-state hadrons.
Figure 2: $e\nu$ deep inelastic scattering Friedman, Kendall et al. (1969)

2 jets
FIG. 2. Observed sphericity distributions for data, jet model with $\langle p_t \rangle = 315$ MeV/c (solid curves), and phase-space model (dashed curves) for (a) $E_{c.m.} = 3.0$ GeV; (b) $E_{c.m.} = 6.2$ GeV; (c) $E_{c.m.} = 7.4$ GeV; and (d) $E_{c.m.} = 7.4$ GeV, events with largest $x < 0.4$. The distributions for the Monte Carlo models are normalized to the number of events in the data.
FIG. 3. Observed distributions of jet-axis azimuthal angles from the plane of the storage ring for jet axes with $|\cos \theta| \leq 0.6$ for (a) $E_{c.m.} = 6.2$ GeV and (b) $E_{c.m.} = 7.4$ GeV.

Figure 4:
Figure 5:
Figure 6:
Figure 7: 3 jet event
References