Jet Production in $pp$ and $\bar{p}p$ Interactions


Pseudorapidity Distributions in $\bar{p}p$ Interactions

Figure 38.10: Charge particle pseudorapidity distributions in $\bar{p}p$ collisions for 53 GeV $\leq \sqrt{s} \leq$ 900 GeV. The number per pseudorapidity interval is about 10% higher if the rate is normalized excluding singly diffractive events rather than to the total inelastic rate. S$p\bar{p}$S data are from G.J. Ahern et al., Z. Phys. C33, 1 (1986), and ISR data are from K. Alpgard et al., Phys. Lett. 112B, 193 (1982). CDF nonsingle-diffractive results at $\sqrt{s} = 630$ and 1800 GeV are given in F. Abe et al., Phys. Rev. D41, 2330 (1990). (Courtesy of D.R. Ward, Cambridge Univ., 1991.)