

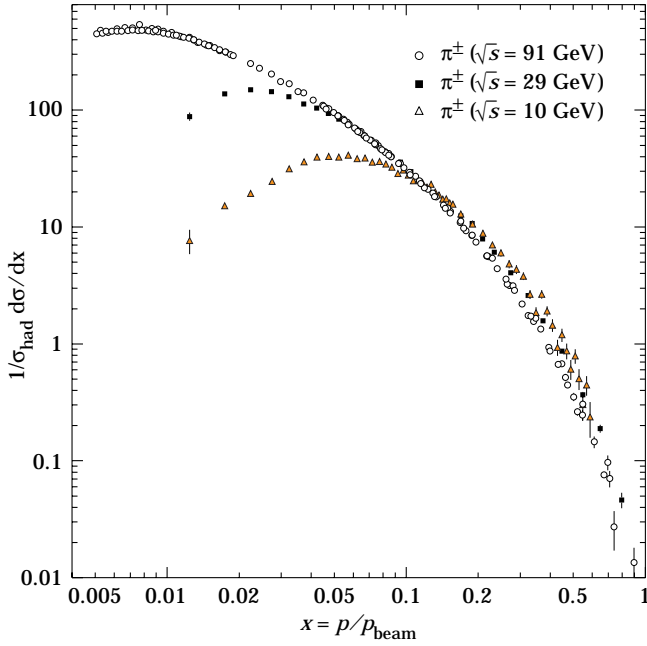
Fragmentation in e^+e^- Annihilation

Figure 37.11: Fragmentation into π^\pm in e^+e^- annihilations: Inclusive cross sections $(1/\sigma_{\text{had}})(d\sigma/dx)$, with $x = p/p_{\text{beam}}$. The indicated errors are statistical and systematic errors added in quadrature. Files of the data shown in this figure are given in <http://home.cern.ch/b/biebel/www/RPP00>

\triangle : rate at $\sqrt{s} = 9.98$ GeV; an overall uncertainty of 1.8%:

ARGUS—H. Albrecht *et al.*, *Z. Phys.* **C44**, 547 (1989).

\blacksquare : rate at $\sqrt{s} = 29$ GeV

TPC—H. Aihara *et al.*, *Phys. Rev. Lett.* **61**, 1263 (1988).

\circ : rate for hadronic decays of the Z at $\sqrt{s} = 91.2$ GeV

ALEPH—D. Buskulic *et al.*, *Z. Phys.* **C66**, 355 (1995);

DELPHI—P. Abreu *et al.*, *Eur. Phys. J.* **C5**, 585 (1998);

OPAL—R. Akers *et al.*, *Z. Phys.* **C63**, 181 (1994);

SLD—K. Abe *et al.*, *Phys. Rev.* **D59**, 052001 (1999).

(Courtesy of O. Biebel, Max-Planck-Institut für Physik, München, 1999.)

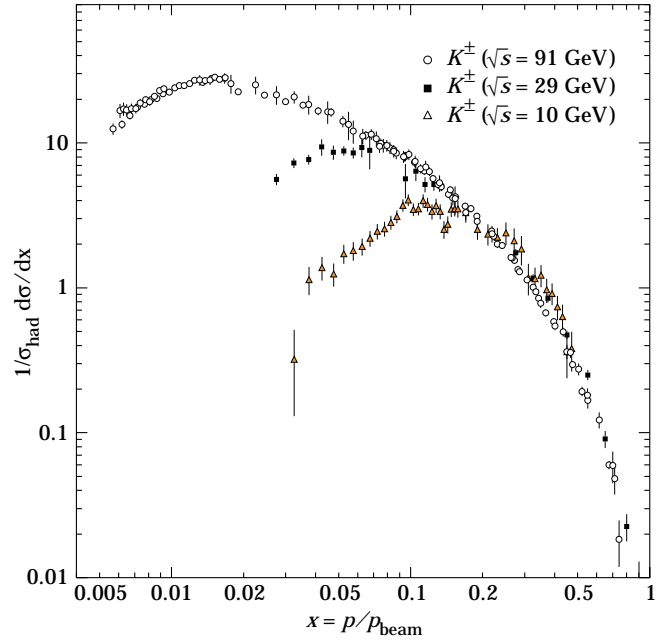


Figure 37.12: Fragmentation into K^\pm in e^+e^- annihilations: Inclusive cross sections $(1/\sigma_{\text{had}})(d\sigma/dx)$, with $x = p/p_{\text{beam}}$. The indicated errors are statistical and systematic errors added in quadrature. Files of the data shown in this figure are given in <http://home.cern.ch/b/biebel/www/RPP00>

\triangle : rate at $\sqrt{s} = 9.98$ GeV; an overall uncertainty of 1.8%:

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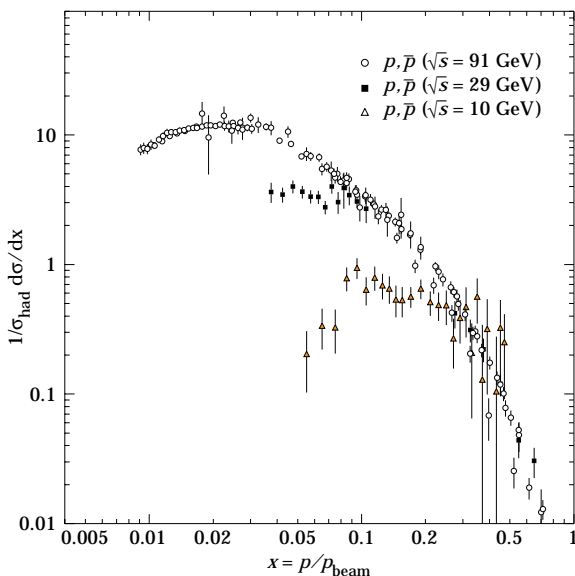


Figure 37.13: Fragmentation into $p\bar{p}$ in e^+e^- annihilations: Inclusive cross sections $(1/\sigma_{\text{had}})(d\sigma/dx)$, with $x = p/p_{\text{beam}}$. The indicated errors are statistical and systematic errors added in quadrature. Files of the data shown in this figure are given in <http://home.cern.ch/b/biebel/www/RPP00>

\triangle : rate at $\sqrt{s} = 9.98$ GeV; an overall uncertainty of 1.8%. This rate is obtained from the measured \bar{p} rate by scaling with a factor of two: **ARGUS**—H. Albrecht *et al.*, *Z. Phys.* **C44**, 547 (1989).

\blacksquare : rate at $\sqrt{s} = 29$ GeV: **TPC**—H. Aihara *et al.*, *Phys. Rev. Lett.* **61**, 1263 (1988).

\circ : rate for hadronic decays of the Z at $\sqrt{s} = 91.2$ GeV:

ALEPH—D. Buskulic *et al.*, *Z. Phys.* **C66**, 355 (1995);

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