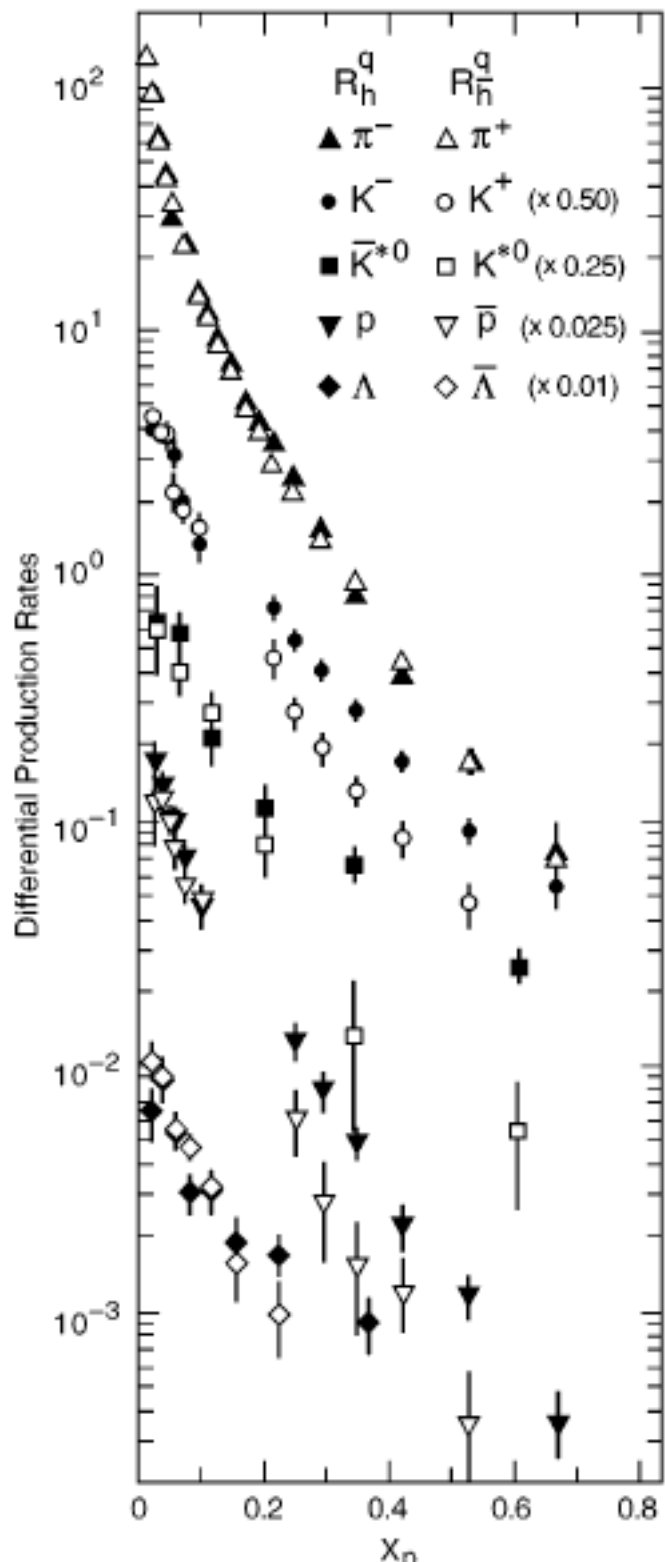


Physics 450:
Particle Physics at the Large
Hadron Collider

Oct. 14 lecture: figures

M. E. Peskin
Fall Term 2008



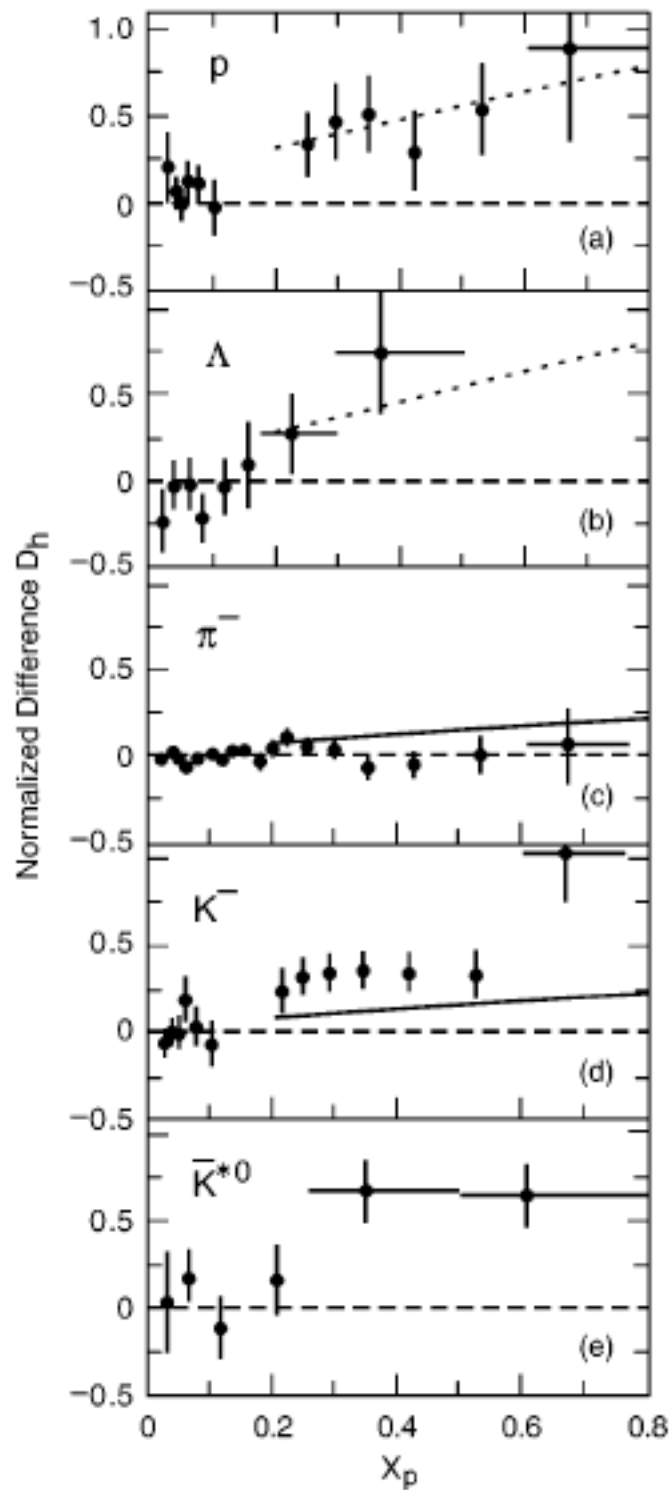
fragmentation functions

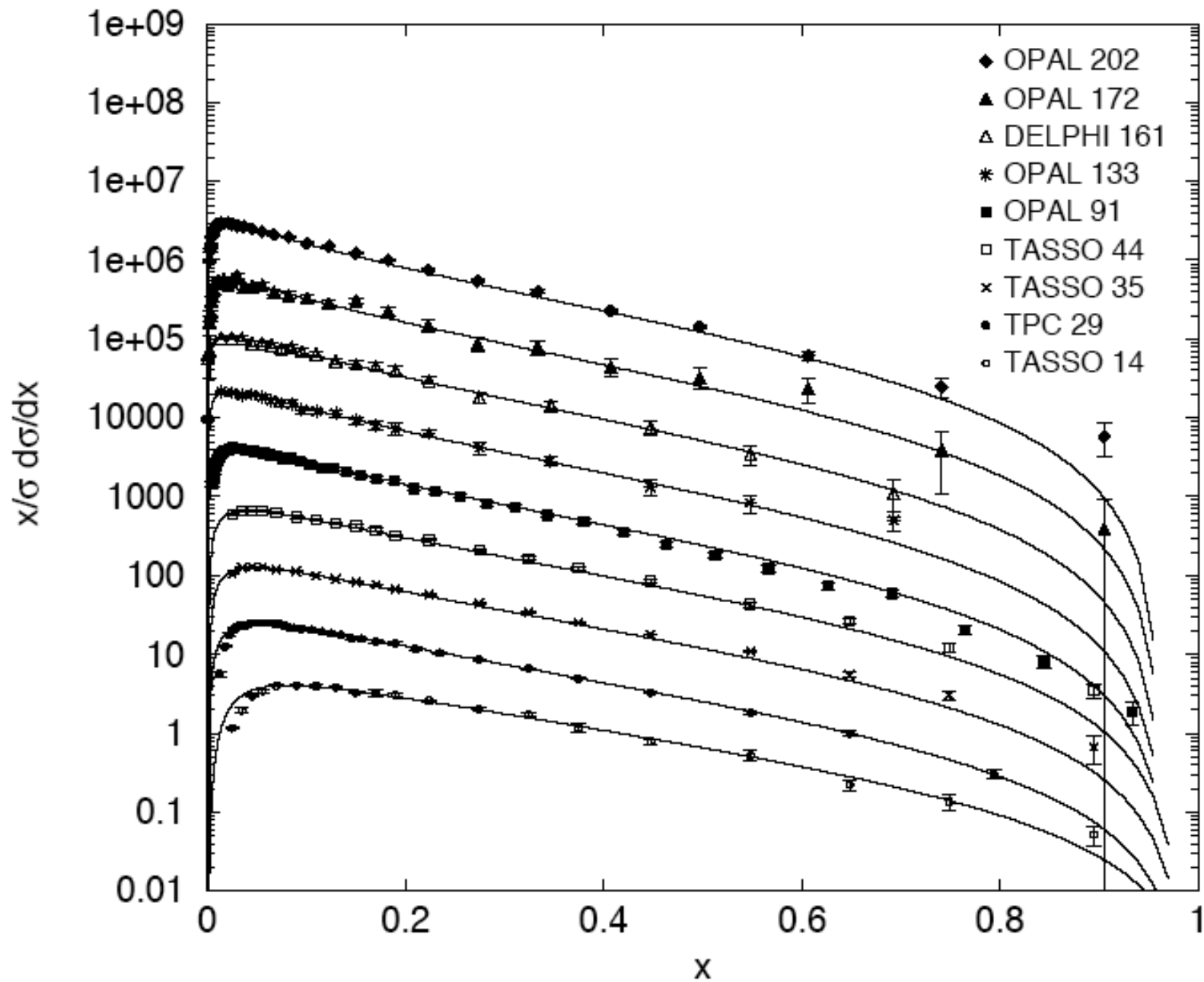


SLD



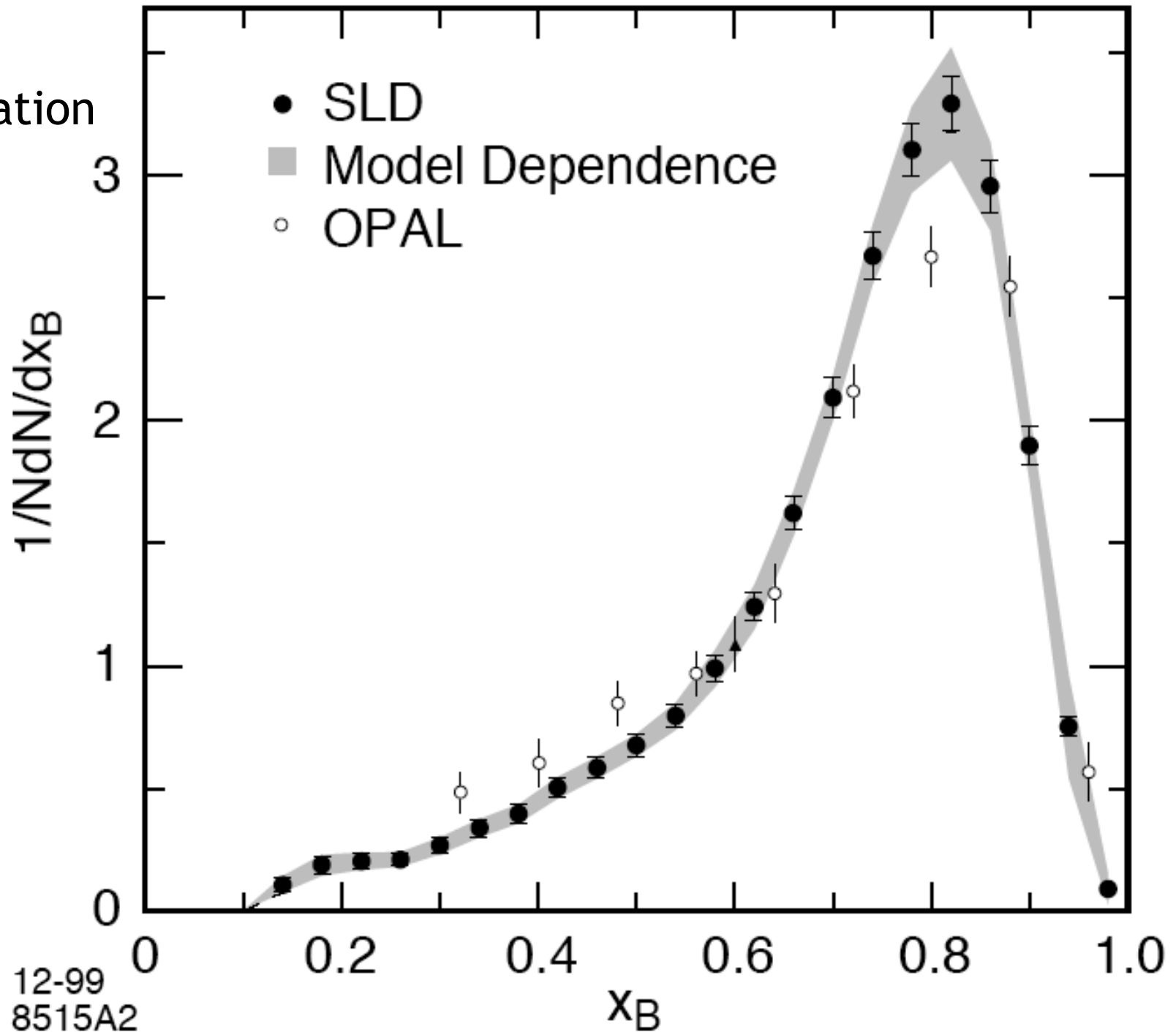
differences between q and qbar jets





Evolution of the fragmentation function for charged particles in e^+e^- annihilation. Fit by Albino, Kniehl, Kramer, and Ochs. Each successive curve is multiplied by 5 relative to the the previous one for clarity.

b quark
fragmentation
function



SLD

12-99
8515A2

x_B