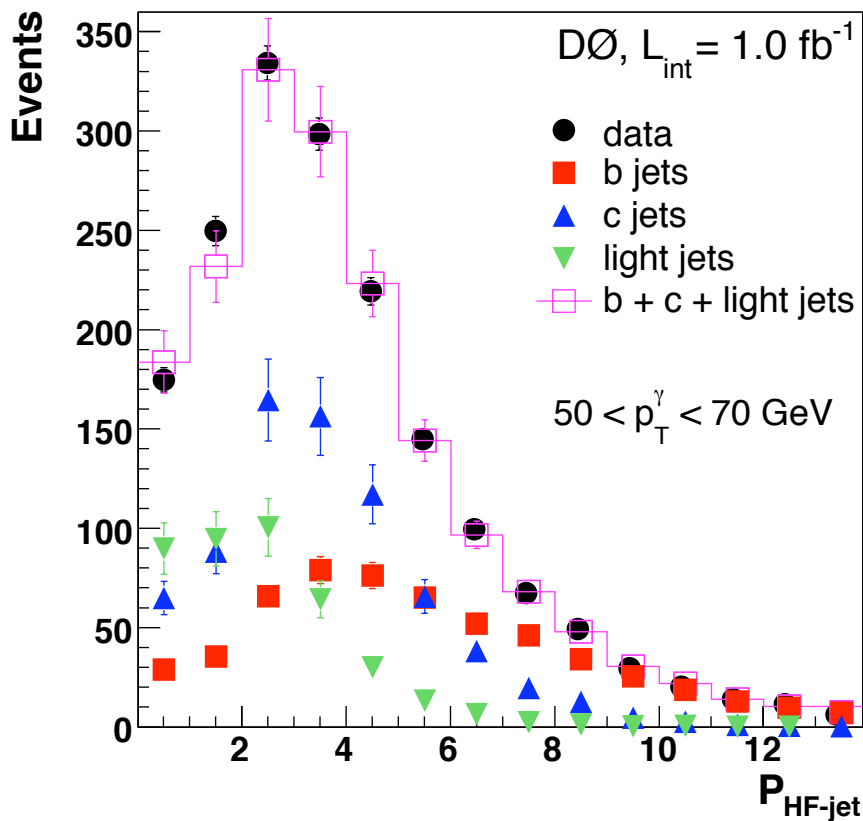


Boston University High Energy Experiment Seminar



Recent results of the photon plus heavy flavor jet cross sections at D0

Photons produced in association with heavy flavor quarks provide a unique window into both the sea quark content of the proton and the splitting of gluons into heavy flavor quark pairs. A new combination of experimental techniques at the Tevatron has provided the basis for the first measurements of the differential photon plus heavy flavor jet production cross sections at 1.96 TeV. Results of these measurements and comparisons to next-to-leading order theoretical predictions will be presented.

Dan Duggan

Florida State University

February 25, 2009 (Wednesday) at 4:00pm

3 Cummington St., Room 261, Boston University