

Abstract Submitted  
for the APR07 Meeting of  
The American Physical Society

**Combined single top quark production cross section and measurement of  $|V_{tb}|$  at D0** JORGE BENITEZ, Michigan State University, D0 COLLABORATION — We combine the different analyses carried out by the D0 Collaboration to extract evidence for single top quark production and present the first direct measurement of the CKM matrix element  $|V_{tb}|$ .

Ulrich Heintz  
Boston University

Date submitted: 09 Apr 2007

Electronic form version 1.4