

Abstract Submitted  
for the TSS12 Meeting of  
The American Physical Society

**Influence of b - flavored hadron exchange on Bc absorption by nucleons** SONAINA UNDLLEEB, M.A.K. LODHI, Texas Tech University Lubbock TX, FAISAL AKRAM, University of Punjab Lahore Pakistan — The cross section of Bc meson absorption by nucleons are calculated in meson-baryon exchange model using hadronic lagrangian based on SU(4)/SU(5) flavor symmetries. In these calculations the b-flavored hadrons are exchanged, which were ignored in the previous calculations. The new calculated values of cross sections are found significantly different from the previously obtained, when only c-flavored hadrons exchange was considered. The comparison of those values will be discussed.

Sonaina Undleeb  
Texas Tech University Lubbock TX

Date submitted: 17 Feb 2012

Electronic form version 1.4