2004 Vol. 42 No. 4 pp. 573-576 DOI:

\$W^{\pm}\pi_t^{\mp}\$ Associated Production at Large Hadron Collider

HUANG Jin-Shu and PAN Qun-Na

Department of Physics, Henan Nanyang Normal College, Nanyang 473061, China (Received: 2004-2-5; Revised: 2004-3-23)

Abstract: In this paper we calculate the production of a charged top pion in association with a \$W\$ boson at the CERN Large Hadron Collider (LHC) in the context of the topcolor assisted technicolor model. We find that the cross section of $pp \ tightarrow b\bar{b} \rightarrow W^{pm}\pi_t^{pm}\p$

PACS: 12.60.Nz, 12.60.Fr, 14.65.Fy, Key words: topcolor assisted technicolor model, top pion, cross section, Large Hadron Collider

[Full text: PDF]

Close