Abstract Submitted
for the APR08 Meeting of
The American Physical Society

Single Top Production in Unparticle Physics[1] ABDULKADIR SENOL, AHMET TURAN ALAN, Abant Izzet Baysal University, NAMIK KEMAL PAK, Middle East Technical University — We study the single production of top quarks in e^+e^-, ep and pp collisions in the context of unparticle physics through the Flavor Violating (FV) unparticle vertices and compute the total cross sections for single top production as functions of scale dimension $d_{\mathcal{U}}$. We find that among all, LHC is the most promising facility to probe the unparticle physics via single top quark production processes.

[1]This work was supported by AIBU Research Fund under grant no 2005.03.02.216

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Date submitted: 11 Jan 2008 Electronic form version 1.4