

Abstract Submitted
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Measurement of the top quark mass using the Neutrino Weighting approach YURIY ILCHENKO, SMU Dallas — We present an updated measurement of the top quark mass using the Neutrino Weighting approach. The measurement is based on about 5/fb of top quark pairs candidate events with two final state leptons taken with the D0 detector at the Tevatron collider. We integrate over expected neutrino rapidity distributions and compare the vector sum of the two neutrinos with the missing energy to extract the top quark mass.

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