
Subject: [done] Changing t distribution slopes

Posted by [Michael Kunkel](#) on Thu, 04 Aug 2011 02:20:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

Greetings

I am attempting to use PLUTO as a simulator for photoproduction.

I would like to test this by first using a well know cross-section

$\gamma; p \rightarrow p \text{ \ρ } [\pi^+; \pi^-]$ with photon beam eneries 1.1 ->5.7 GeV

However when I simulate this reaction in PLUTO I get a t slope of -0.5 which contradicts the know slope of 7.1 -> 7.9 for these beam energies.

Is there a way to change the slope of this reaction?

I notice PDalitzDistribution can change slopes, can other reactions slopes be changed as well?

Thanks and BR

Michael
