

TOP-QUARK PAIR PRODUCTION AT THRESHOLD*

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A future electron-positron collider will offer the possibility to produce pairs of top and anti-top quarks at the production threshold. This so-called threshold scan will allow for very precise determinations of top-quark properties, like the mass and total decay width, by comparing the measured cross section with the theoretical prediction. This requires a very good understanding of the cross section and thus the evaluation of higher order corrections. In this talk I will present new results for the cross section.

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