

Muon conversions with flavor changing Rayleigh operators

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Lepton-flavor violating transitions provide excellent tools to probe physics beyond the Standard Model (BSM). Processes such as radiative muon decays or muon conversion on nuclei probe a variety of different operators. We point out that Rayleigh operators that contribute to muon conversion can also be probed in a much simpler environment of e^+e^- collisions. We report on the computation of short and long-distance contributions to those processes.

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