

(Semi-)leptonic D decays at BESIII

Wednesday, August 10, 2022 8:30 AM (20 minutes)

BESIII has collected 2.93 and 6.32 fb⁻¹ of e⁺e⁻ collision data samples at 3.773 and 4.178-4.226 GeV, respectively. We will report precision measurements of f_{Ds}, |V_{cs}| and test of lepton flavor universality by studying the leptonic decays of D_s → l+ν with τ⁺ → ρ⁺+ν, π⁺+ν, and e+νν. We will also report the studies of D_s → π⁰π⁰e+ν and KSKSe+ν, inclusive D_s semileptonic decay, updates of D → Ke ν with a new method.

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