

Abstract Submitted
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Exclusive Semileptonic D_s Decays¹ JONATHAN INSLER, University of Rochester, CLEO COLLABORATION — We have studied semileptonic decay of the D_s meson using the full CLEO-c data set of 586 pb⁻¹ integrated luminosity collected near the $D_s\bar{D}_s^*$ peak at energy $E_{cm} = 4170$ MeV in e^+e^- collisions. We find the semileptonic decays by first tagging the hadronic decay of one D_s and then finding the photon from the \bar{D}_s^* decay. We infer the missing neutrino momentum using all reconstructed particles in the event. We present several measured semileptonic branching fractions of the D_s .

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