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Recent results on identified particle spectra from $d+Au$ collisions at RHIC CHITRASEN JENA, [1]Lawrence Berkeley National Laboratory, Berkeley, USA and [2]Institute of Physics, Bhubaneswar, India, STAR COLLABORATION — The Cronin effect [1], the enhancement of hadron spectra at intermediate p_T in p + A collisions as compared to those in p + p collisions, has received renewed interest at RHIC [2]. It is thought that this effect may reflect on the early parton scatterings in high-energy nuclear collisions. In order to further investigate the Cronin effect, and shed light on the initial conditions at RHIC, we have analyzed the rapidity dependence of ϕ meson production in d + Au collisions at RHIC. In this talk, we report on STAR preliminary results of ϕ meson transverse momentum distributions(using the hadronic decay mode $\phi \rightarrow K^+K^-$) and charged hadrons spectra from 200 GeV d + Au collisions. The dataset used for this analysis is from STAR's year 8 d + Au collisions with significantly reduced material ($\sim$1/10) and high statistics ($\sim$3) compared with previous runs. The particle species and the mass dependence of the nuclear modification factor as a function of rapidity will be presented.

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