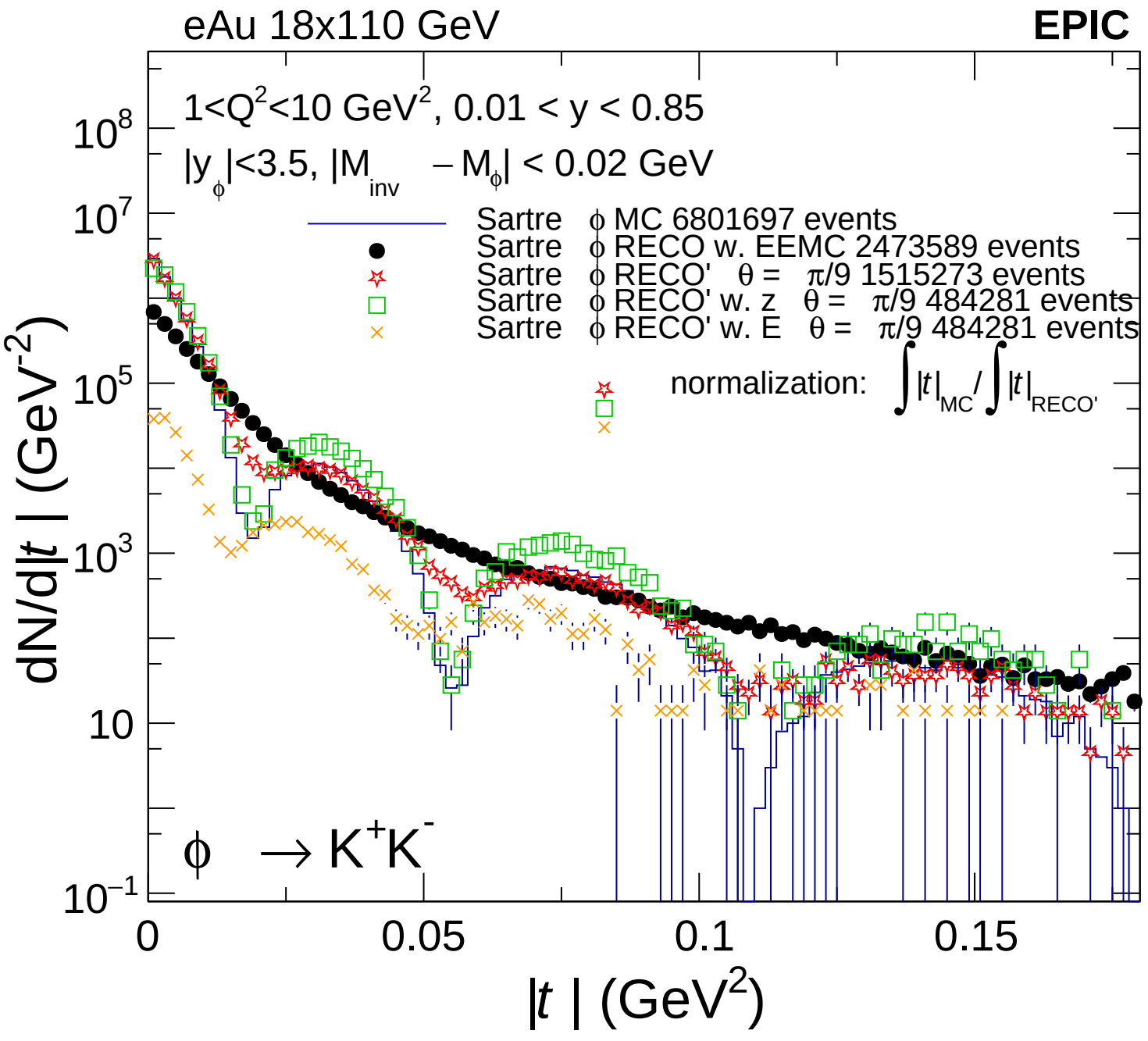
eAu 18x110 GeV
EPIC
1<Q²<10 GeV², 0.01 < y < 0.85
|y_φ|<3.5, |M_inv – M_φ| < 0.02 GeV
Sartre φ MC 6801697 events
Sartre φ RECO w. EEMC 2473589 events
Sartre φ RECO' θ = π/9 1515273 events
Sartre φ RECO' w. z θ = π/9 484281 events
Sartre φ RECO' w. E θ = π/9 484281 events
normalization: ∫|t|_MC / ∫|t|_RECO'
φ → K⁺K⁻
dN/d|t| (GeV⁻²)
|t| (GeV²)
10⁸
10⁷
10⁵
10³
10
10⁻¹
0
0.05
0.1
0.15