

eAu 18x110 GeV

EPIC

 $1 < Q^2 < 10 \text{ GeV}^2, 0.01 < y < 0.85$ $|y_\phi| < 3.5, |M_{\text{inv}} - M_\phi| < 0.02 \text{ GeV}$

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Sartre ϕ MC 6801697 events

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Sartre ϕ RECO w. EEMC 2473589 events

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Sartre ϕ RECO' $\theta = \pi/24$ 119557 events

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normalization: $\int |t|_{\text{MC}} / \int |t|_{\text{RECO}'}$ $dN/d|t| \text{ (GeV}^{-2}\text{)}$ $\phi \rightarrow K^+ K^-$ $|t| \text{ (GeV}^2\text{)}$ 