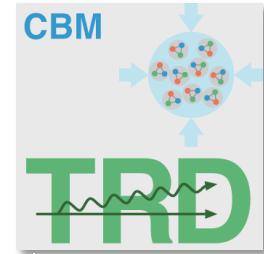


Invariant Mass Distributions



Central Au+Au at 8 AGeV Total unlike-sign spectrum (red)

(New analysis, based on likelihood instead of ANN)

Comparison: with and w/o TRD

Unlike-sign spectrum dominated by $\pi\pi$ and $e\pi$ combinations at higher masses w/o TRD

⇒ Background higher by
~ two orders of magnitude!
(at $m_{\text{inv}} = 2 \text{ GeV}/c^2$)

