ALICE Simulation

HIJING, min. bias Pb-Pb, $\sqrt{s_{NN}}$ = 5.02 TeV

$|\eta_e| < 0.8$, $p_{T,e} > 0.2$ GeV/c

MVA analysis with cut at 0.35:

$e^{\pm}$ from hadron decays (905 k)

$e^{\pm}$ from γ conversions (408 k)

Cut-based analysis:

$e^{\pm}$ from hadron decays (881 k)

$e^{\pm}$ from γ conversions (530 k)

Electron yield (arb. units)

10^5

10^4

10^3

−18 −16 −14 −12 −10 −8 −6 −4 −2 0

$\log_{10}(|DCAxy|/cm)$

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