Method : subtraction of combinatorial background obtained by event mix

x 10²

original
event mix

subtracted

$m_{inv} (K^+K^-)$ [GeV]

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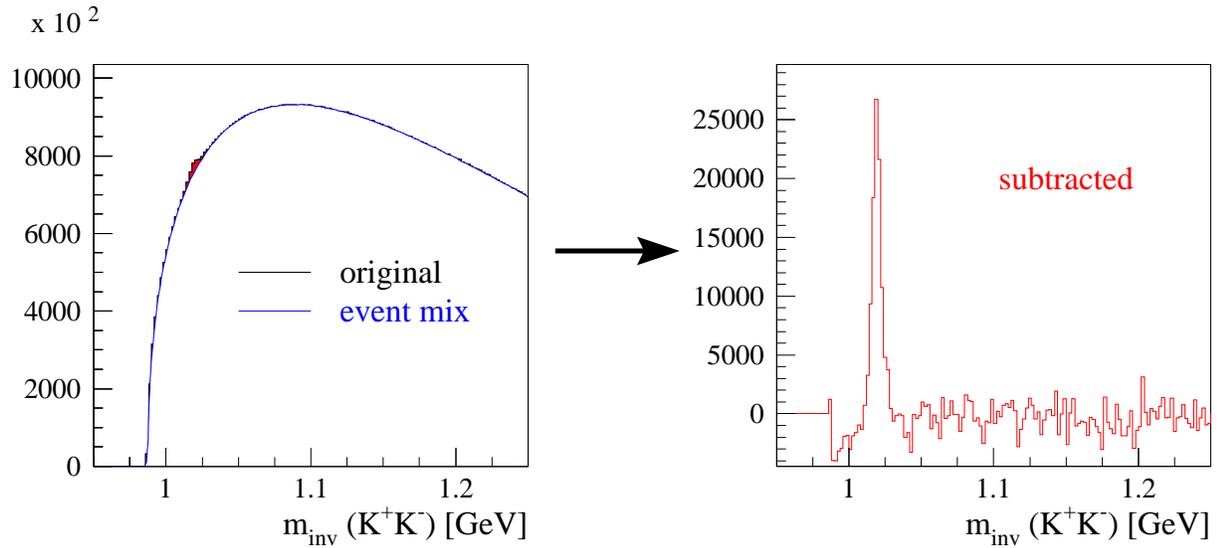
Geometrical acceptance for ϕ

y_{CM}

50 GeV

7.5 GeV

p_t

y