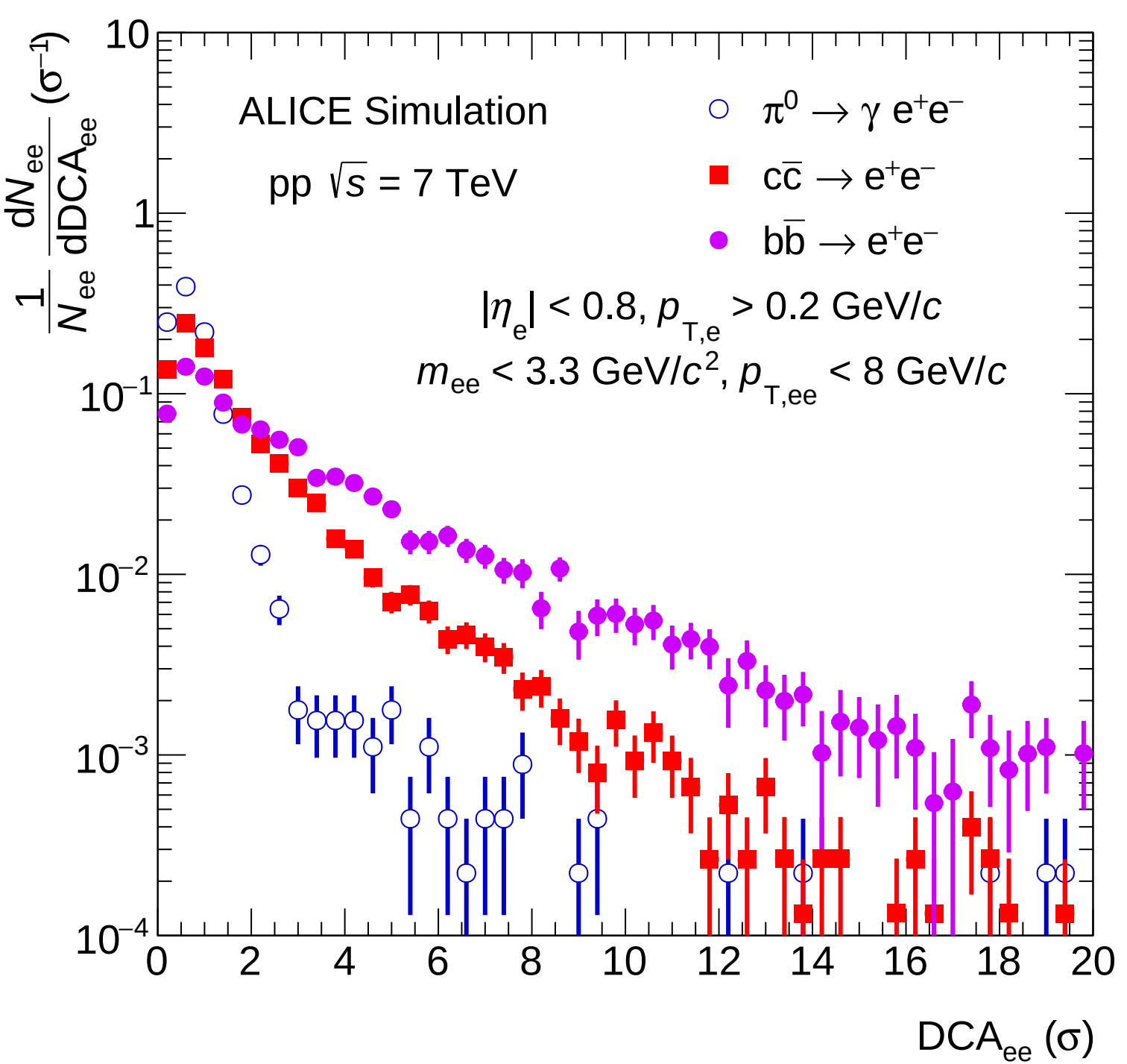
ALICE Simulation
pp $\sqrt{s}$ = 7 TeV
$\pi^0 \rightarrow \gamma\, e^+e^-$
$c\bar{c} \rightarrow e^+e^-$
$b\bar{b} \rightarrow e^+e^-$
$|\eta_e| < 0.8$, $p_{T,e} > 0.2$ GeV/c
$m_{ee} < 3.3$ GeV/c^2, $p_{T,ee} < 8$ GeV/c
$\frac{1}{N_{ee}} \frac{dN_{ee}}{dDCA_{ee}}$ (σ^{-1})
DCA_{ee} (σ)
10
1
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
2
4
6
8
10
12
14
16
18
20