$T = 0.4$ GeV, $\Delta t = 4$ fm/c

charm

bottom

$\mu = 2\pi T$

$\mu = 1\pi T$

$\frac{dN}{dp_T^2} \propto \frac{1}{(p_T^2 + a^2)^b}$

charm: $a = 2.1$, $b = 3.9$
bottom: $a = 7.5$, $b = 4.9$

R_{AA}, quark

p_T [GeV]