b
$\propto$
b
multiplicity
b
centrality
0–5%
b
5%
95–100%
b
5%
event activity
$_m c_e vent.eps$
$[][][width = .660]"./figures/colls"/cocktail3.epsTBA$

$$\frac{n(r)}{n(r)} = \frac{1}{1 + \exp((r - R)/a)}, \quad (1)$$

R
a
$\sigma_{\rm NN}$
$d \leq \sqrt{\sigma_{\rm NN}/\pi}$
??
1
3
?
?
?
?
,
Temperature
2×10^{122}
Viscosity
η/s
$1/4\pi$
Vorticity
0.4
$^{-1}$
Magnetic field
$\sim 10^{19}$
??

It also shows the scaling between the numbers of participants and binary collisions, which is approximately $\approx 0.35^{4/3}$.