

Temperature ( $T \approx \langle p_T \rangle / 3$ )

Impact parameter ( $b$ )

$$c_s^2 = \frac{dP}{d\varepsilon} = \frac{d(\ln T)}{d(\ln s)} = \frac{d(\ln \langle p_T \rangle)}{d(\ln N_{ch})}$$

$b \approx 0$

Entropy density ( $s$ ), # of charged particles ( $N_{ch}$ )

