

The comparative Polyakov loop potential between temperature and chemical potential dependence

We calculated the comparative Polyakov loop potential with chemical potential with temperature and chemical potential dependence. The result of Polyakov loop in these comparative outputs shows that there will be effect in the calculation of equation of state of Polyakov loop with the chemical potential dependence. There are number of calculations in this equation of state of the Polyakov loop at finite temperature. So we can further calculate equation of state using this chemical potential in the Polyakov loop.

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