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A very simple statistical model to quarks asymmetries

A simple statistical model is developed with the Fock states being the meson-hadron fluctuation. As expected, a insight about the violation of the Gottfried sum rule is obtained, and we discussed the possible relation between the temperature and the scattering energy. We notice that with this model, there is small decrease of the GSR, with very high energies. The model may predict also small a difference between the strangeness amount in proton and neutron .

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