

## **Post-selection phenomenon and fragmentation in nucleon (nucleus) - nucleus collisions.**

*Thursday, 19 August 2010 10:30 (1 hour)*

We argue that in the proximity of the black disc QCD regime forward partons propagating through the nuclear matter fluctuate to multiparton configurations - post selection phenomenon - leading to effective fractional energy losses. The effect leads to the significant suppression of the forward jet production in the central NA collisions at RHIC energies with a moderate suppression of recoiling jet at central rapidities. Our expectations agree with the correlation RHIC deuteron-gold data. The post-selection phenomenon should be grossly amplified at the LHC energies in pA/AA collisions. It also leads to production of pancakes of valence quarks and gluons of density  $> 100 \text{ GeV}/\text{fm}^3$  in the nuclear fragmentation region in the central heavy ion collisions.

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