

# A Novel Mechanism for J/Psi Disintegration in Relativistic Heavy Ion Collisions

Here we discuss the possibility of J/Psi disintegration due to the  $Z(3)$  domain walls that are expected to form in QGP medium. These domain walls give rise to localized color electric field which disintegrates J/Psi, on interaction, by changing the color composition and simultaneously exciting it to higher excited states of charm-anti charm system. For  $E = 5\text{GeV}$  (or higher) we find that about 90 % (or more) of J/Psi interacting with the domain wall make the transition.

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