## Spin Effects Correlated with 6q-Component in the Deuteron

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Experiments performed at the polarized deuteron beam with momentum up to 9 GeV/c revealed strong spin effects in fragmentation of tensor polarized deuterons into high momentum pions. The tensor analyzing power Ayy in the reaction  $A(d,\pi)X$  demonstrates a threshold behavior, it shows a linear rise when pions are produced in region of the invariant variable  $x_c > 1$  and the pion transverse momentum  $P_T$  exceeds 0.4 GeV/c. The Ayy – threshold behavior is similar to  $A_N$  in  $p(\uparrow)p \rightarrow \pi X$  apart from visibly lower position of  $P_T$  – threshold. A counterpart of  $x_T$  variable in case of nucleus fragmentation,  $x_c$ , exceeds 1 if pion is produced on strongly correlated nucleon pair (i.e. fragmenting mass exceeds  $m_N$ ). The latter can be interpreted as 6q-component in the deuteron wave function at short internucleonic distances. A large contribution of D-wave (L=2) in deuteron core region means that the 6q-configuration carries an appropriate high angular momentum. One can assume that the distinctive  $P_T$  dependence of Ayy in  $d \rightarrow \pi$  fragmentation would be explained in the framework of Sivers mechanism applied to 6q-system.