Kinematic Analysis of Relativistic Hypernuclei Decays [*]

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Results in kinematic analysis of decay relativistic hypernuclei, produced on nuclei beams in Nuclotron experiments in the Joint Institute for Nuclear research, Dubna, are presented. Methods and ways to determine binding energy for hyperon, B_Λ, in hypernuclus $^6_\Lambda$H [1], [2] are discussed. Mathematical model developed for identification exclusive channels of the non mesonic weak decays based on four particle decay of hypernuclei $^{10}_\Lambda$Be $\rightarrow \alpha + \alpha + n + n$, [3] is described.

[1] J. Lukstins, Nucl. Phys. **A 691**, 491c (2001).
[2] C. Granja *et al.*, this Conference.
[3] L. Majling *et al.*, Nucl. Phys. **A 754**, 154c (2005).