LEAP 2013 Uppsala SE



Contribution ID: 80 Type: Contributed

Four- and five-body calculation of double Lambda hypernuclei

Wednesday, 12 June 2013 11:40 (25 minutes)

At Panda project, they are planning to produce many double Lambda hypernuclei using p-bar beam. Recently, I performed five-body calculation of Be11LL with alpha alpha +n+2Lambda five-body calculation. In the conference, I will report the calculation and mention what is important to study double Lambda hypernuclei.

And I also show the four-body calculation of H4LL using Lambda-Lambda -Xi N coupling, which is important to study the H-dibaryon system.

Primary author: Dr HIYAMA, Emiko (RIKEN)

Presenter: Dr HIYAMA, Emiko (RIKEN)
Session Classification: Hadron Physics

Track Classification: Hadron Physics and Nuclear Physics with Antiprotons