

EXPERT ROOT - Developing #316

Full life cycle demonstrator by the example of Autumn 2018 H-7 experiment

05/03/2019 06:45 PM - Sergey Belogurov

Status:	Открыта	Start date:	05/03/2019
Priority:	Высокий	Due date:	
Assignee:	Mai Anh	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description As far as whole planned functionality seems to be implemented, a full example including: simulation with phase space distribution of the products (isotropic in CM for the $d(8\text{He}, 3\text{He})7\text{H}$ reaction), realistic target, right, left and central telescopes, including thickness maps of the 20-um-thick sensors of the right and left telescopes; digitization, digibuilding with real data and reconstruction should be composed. Digibuilding and reconstruction should focus on the left telescope. The most important thing is to study influence of struggling and dead layer misestimation on the DeltaE - E separation of He-3 from He-4. It should be clear that search for the best calibration of the right and central telescopes is postponed till additional calibration measurements are performed.			

History

#1 - 05/06/2019 12:39 PM - Sergey Belogurov

- Description updated

#2 - 06/01/2019 06:19 AM - Vitaliy Schetinin

- Assignee changed from Mikhail Kozlov to Mai Anh