Weekly Report

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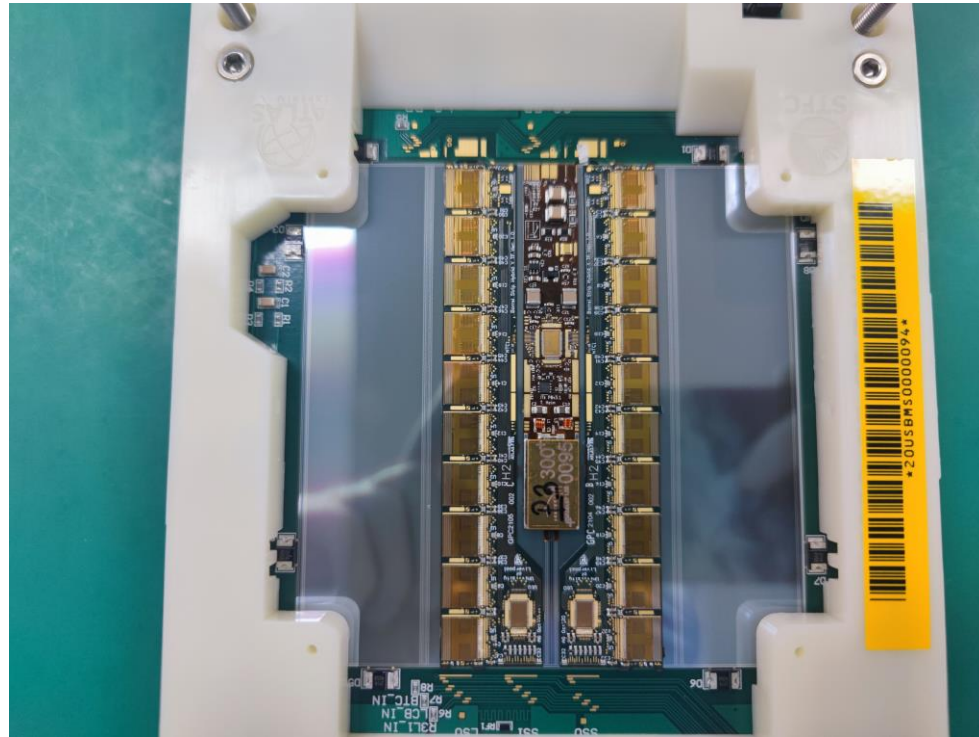
ATLAS related tasks

- ## Hardware

- Accidentally damaged some bonding wires on an X-Hybrid when transferring it from the test panel to the assembly jig.

- Glued IHEP-PPA-SS1

- **Top-coupling**

- Check the correctness of simulation:

- generate e- e+ > t t~, (t > w+ b, w+ > up_type_q down_type_q), (t~ > w- b~, w- > charged_lepton neutrino) QED<=99 QCD<=99
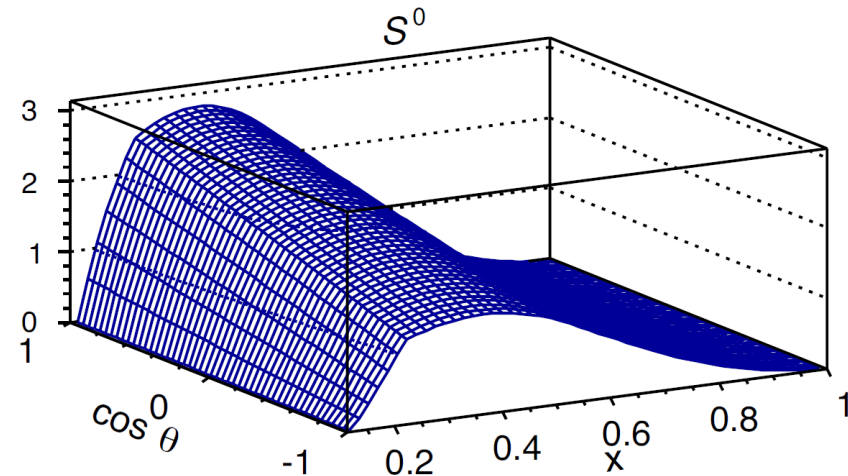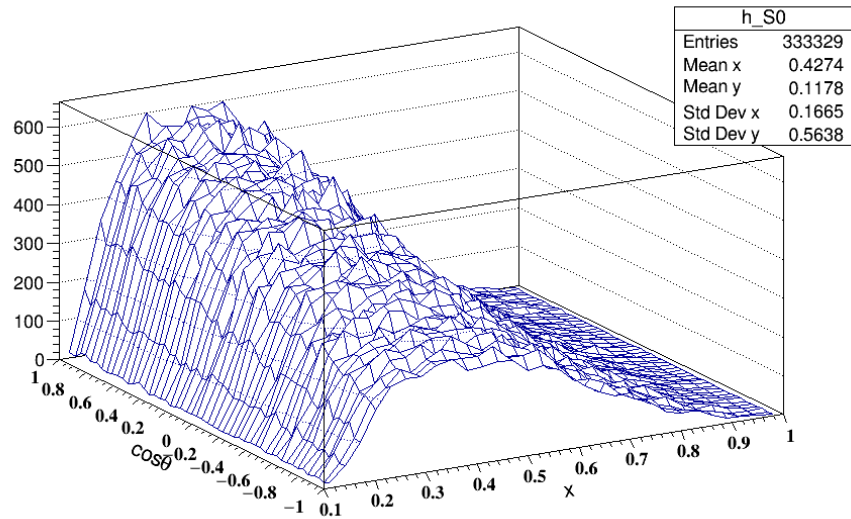

Figure in 1503.01325

- θ is the lepton polar angle, and x is the reduced lepton energy, defined as $x = \frac{2E_l}{m_t}\sqrt{\frac{1-\beta}{1+\beta}}$, where β is the top velocity and m_t is the top mass