

Minutes20170707

Brendan and Sam to work on getting cuts and variables right to generate a new set of cuts for Hi E paper.

Brendan to prepare for data/algo presentation in a couple of weeks

Brendan to develop:

- Flip sign of  $y$  energy scale so positive

- Ability to present 2d arrays of data also as plotted vs  $f_{hit}$  with color coding for different  $E_{hat}$  bins

  - And as a function of  $E_{hat}$  bins, with color coding for different  $f_{hit}$  bins

- Convert angles from radians to degrees (e.g. zenith angles, psf fits)

- Change from compactness to  $u = \log(1/\text{compactness})$  (to match Pretz; large = hadron-like for both vars)

- Change from  $f_{hit}$  to  $f_{hitSP20}$

- Plot not just  $Q_{max}$ , but corresponding cut values in  $p_{in}$  and  $u$  (or compactness)