



- Demonstrates availability of **cell** or **cluster towers** (cluster towers shown here) in dedicated xAODs produced by Sven
- Simulated VBF Higgs ( $m_H = 1000$  GeV) events
- $\mu \sim 200$
- sFCal geometry (r7701 w/ fixed noise)
- TProfile2D plot shows average cluster tower energies in  $\phi$ - $\eta$  space
- Total  $N_{\text{evts}} = 25$

Cell towers will then be used in order to calculate an average  $p_T$  density ( $\rho$ ) as a function of  $\eta$ . Comparisons will then be made between **FCal/sFCal**.