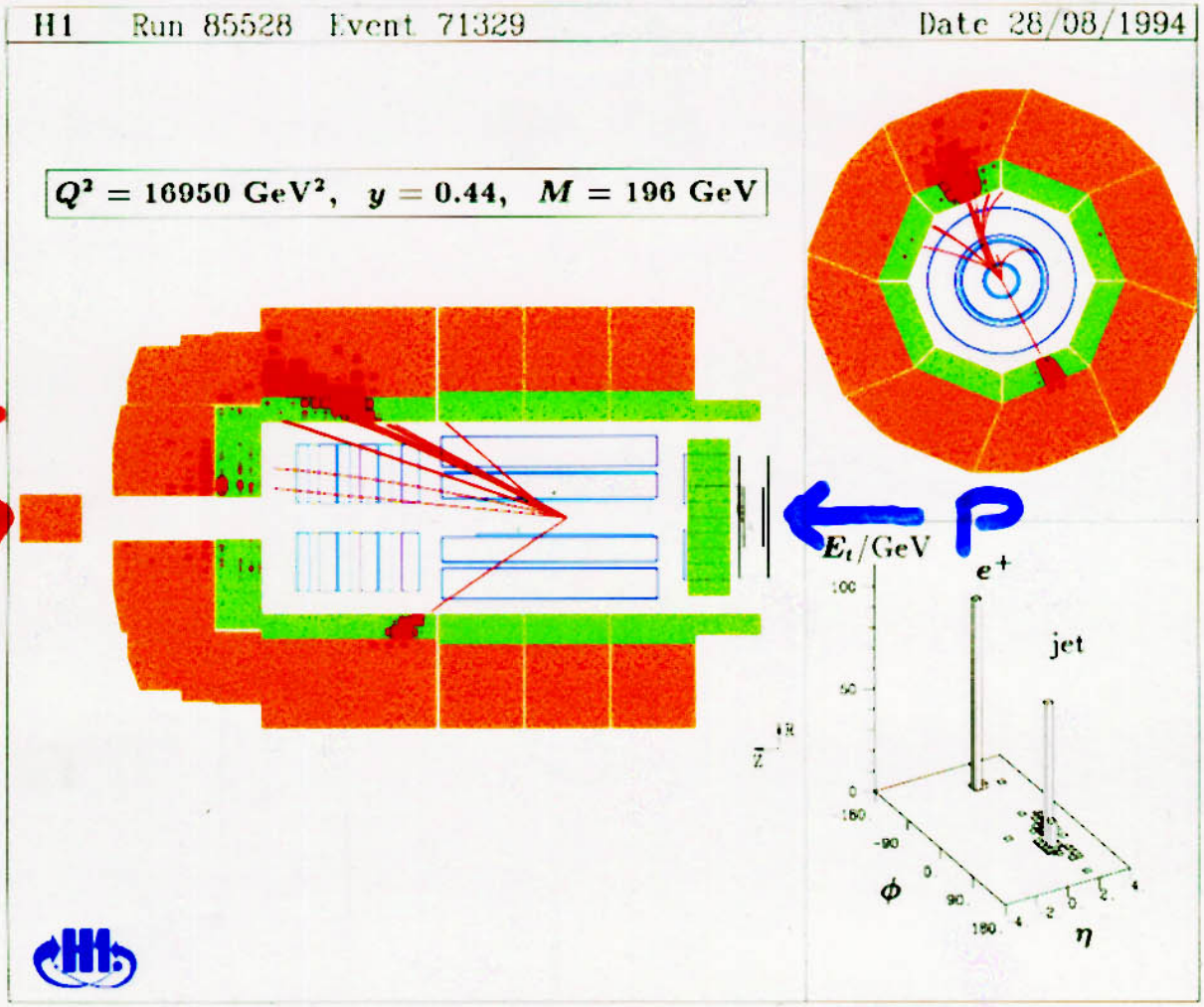
NC DIS Candidate



LAr Calorimetry

- Very fine granularity ($\approx$ 44000 cells)
- Optimal for e-identification
- Hadronic energy compensation by offline weighting

$\Delta\theta_e \sim 2$mrad for $10^\circ < \theta_e < 30^\circ$

$\Delta\theta_e \leq 5$mrad for $30^\circ < \theta_e < 145^\circ$

$\sigma(E)/E \simeq 12\%/\sqrt{E/\text{ GeV}} \oplus 1\%$

$\sigma(E)/E \simeq 50\%/\sqrt{E/\text{ GeV}} \oplus 2\%$

TEST BEAMS: E_e up to 166 GeV E_π up to 205 GeV