



Fig. 3. a) The shower profile of a 200 GeV electron, measured in the preshower sampling using the V strips. The curve is the result of the fit of a function of the form $\frac{1}{1+(V/w)^2}$ where w is the width of the shower. w is found to be 0.8 which gives a width of 4 mm. b) Beam impact vs cluster position in η (radians). Two effects are visible: the clusterisation (only 3 strips are used) and barycenter definition "S-shape". c) ϕ modulation; d) $\eta_{\text{strip}} - \eta_{\text{beam}}$ in radians; e) the energy dependance of the angular resolution measured with the preshower and the middle sampling and a lever arm of 10 cm.