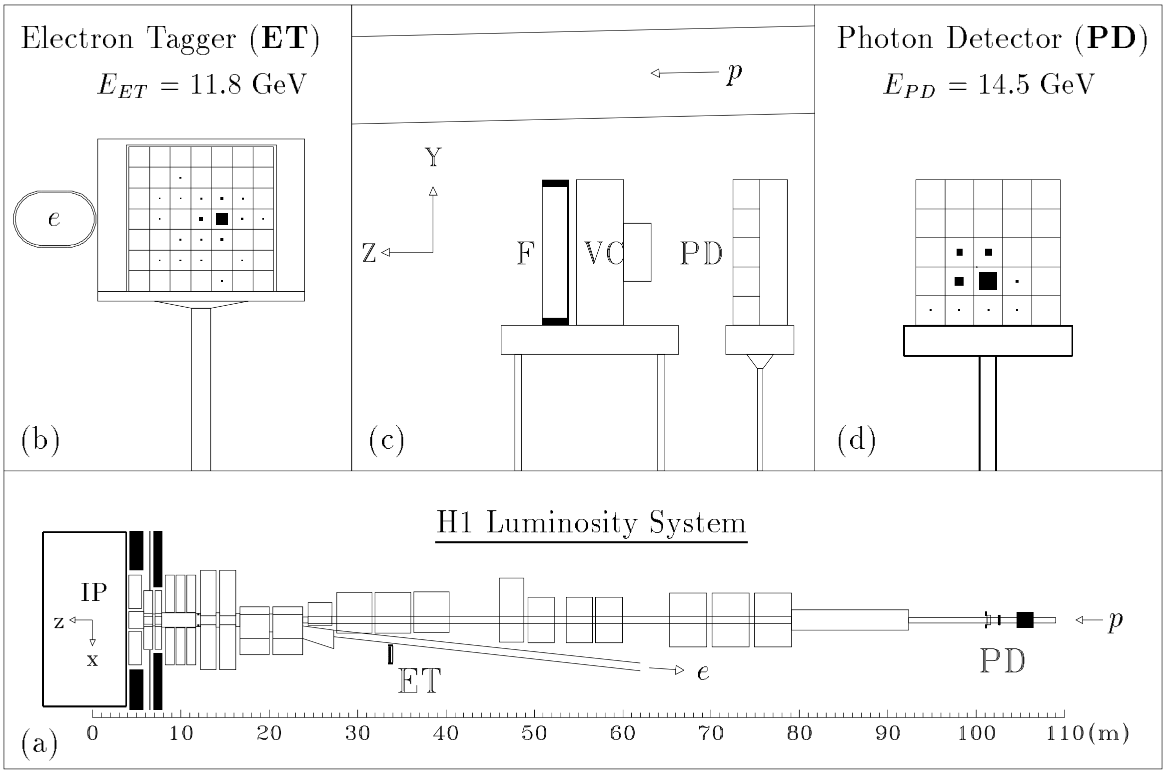

Figure 2: Example of a typical bremsstrahlung event detected in the H1 luminosity system: The top view of the H1 luminosity system is shown in the lower figure (a) where the location of the electron tagger (**ET**) and the photon detector (**PD**) can be seen with respect to the beam lines of e, p and the interaction point (IP). The electron tagger (b) is located directly beside the electron beampipe. A side view of the photon arm consisting of a filter (**F**), a water Čerenkov counter (**VC**) and the photon detector (**PD**) is shown in (c). The photon detector (d) is located in the median plane of the electron ring.