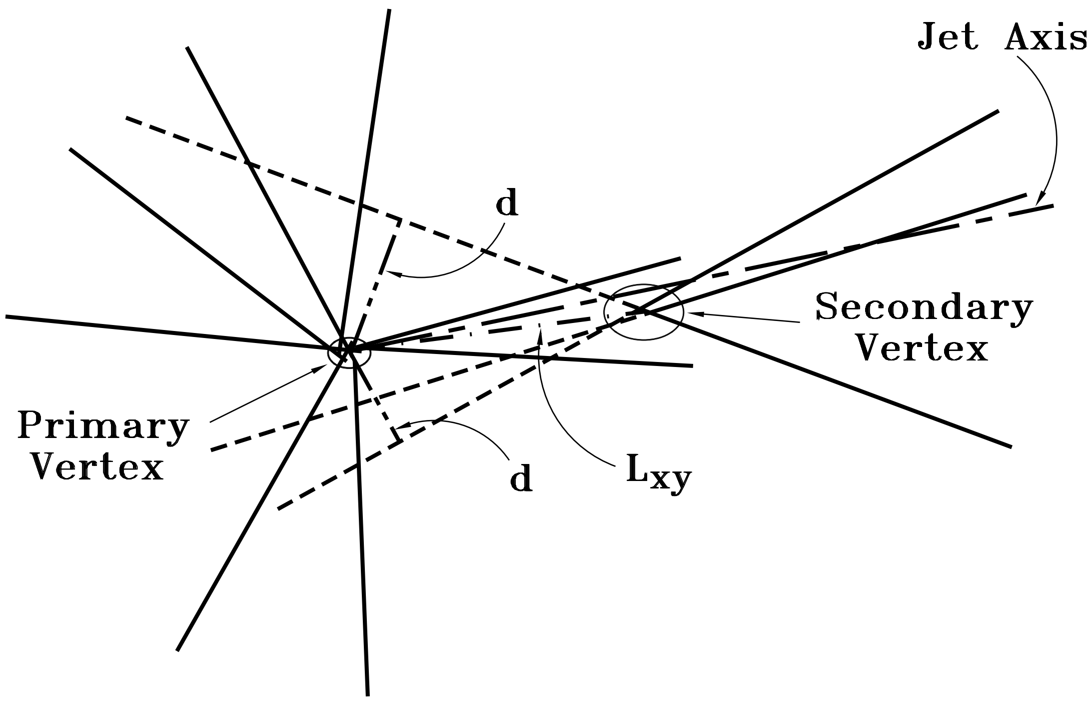

Figure 18: Simplified view of an event containing a secondary vertex shown in the transverse $(r-\phi)$ plane. The solid lines represent charged-particle tracks reconstructed in the SVX. The primary vertex is the point in the $r-\phi$ plane where the $p\bar{p}$ interaction occurs. The secondary vertex is the point of decay for a long-lived particle originating at the primary vertex. The impact parameter, d, is shown for representative tracks. Also shown is L_{xy}, the two-dimensional decay distance to the secondary vertex, measured in the $r-\phi$ plane.