

Displaced Vertex

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Secondary Vertex Finder: Nature of the Study

- Implementing the `ACTS::AdaptiveMultiVertexFinder`
- Created `Eicrecon SecondaryVertexFinder_factory`
- Feed in `CentralTrackVertices` from the primary vertex
`IterativeVertexFinder`
- Using `Acts::BoundParameters`, but plan on playing with this
- Plan on running $\pi^+\pi^-$ to better understand secondary vertex finding
(gps not cooperative)
- Presented some rudimentary displaced vertex (x, y, z)
- Input file: `pythia8 18x275 minQ2 = 10 Beam Effects`

Comparing to Reconstucted Primary Vertex

