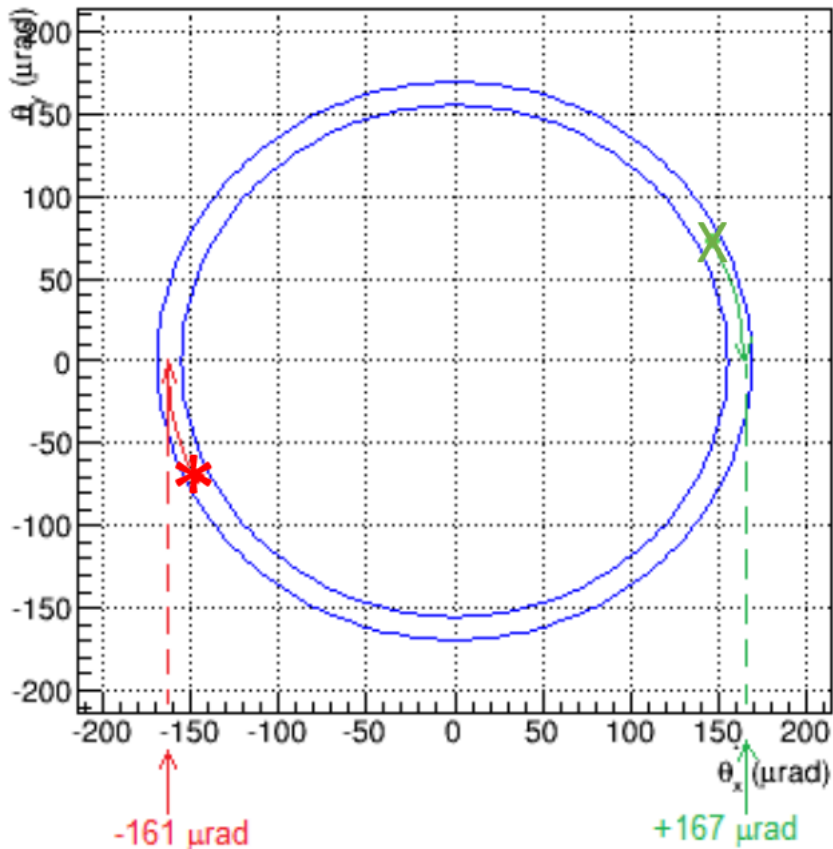


TOTEM 2: How wide is my proton?

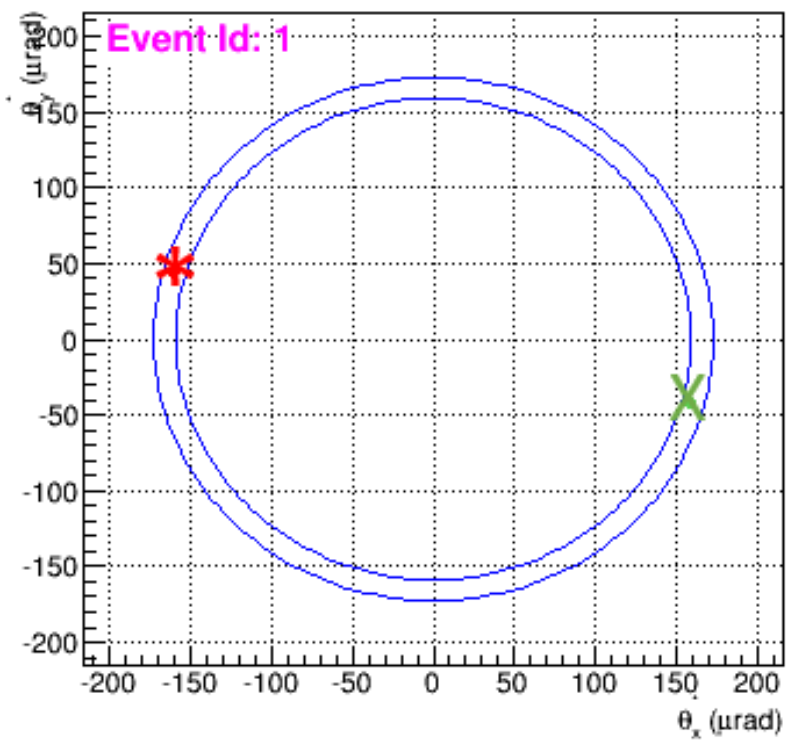
TOTEM proton-scattering events for
student analysis

Angular Topology

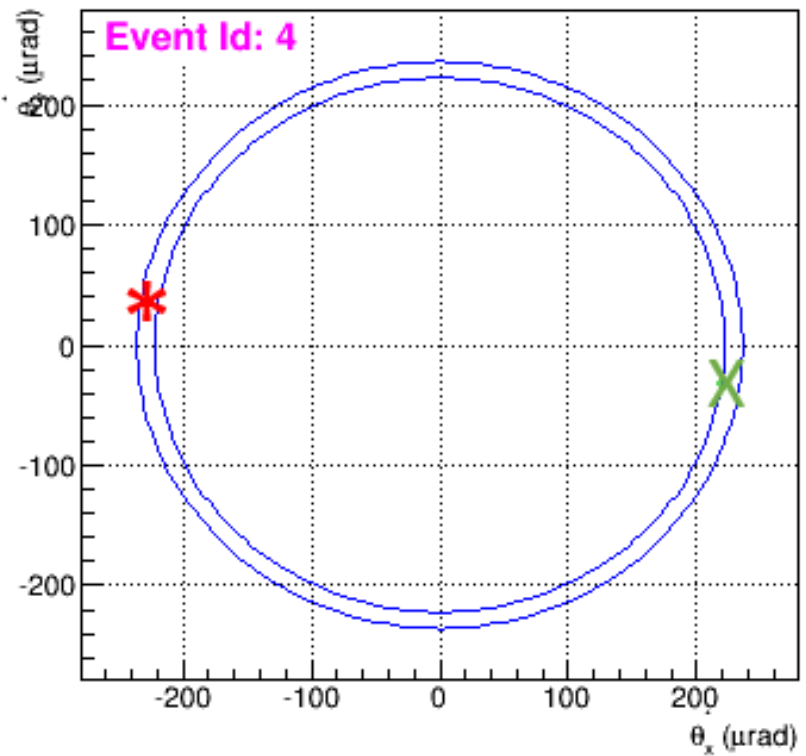


- Find the **red star (*)** and the **green X**. Each represents a proton strike on the detector, albeit from different sides of TOTEM.
- Follow each mark (**red star (*)** and **green X**) to the horizontal line at $\theta_y = 0$ as shown.
- Drop a vertical line to read θ from the value of θ_x at that point.
- Record *both values* in your tally sheet.

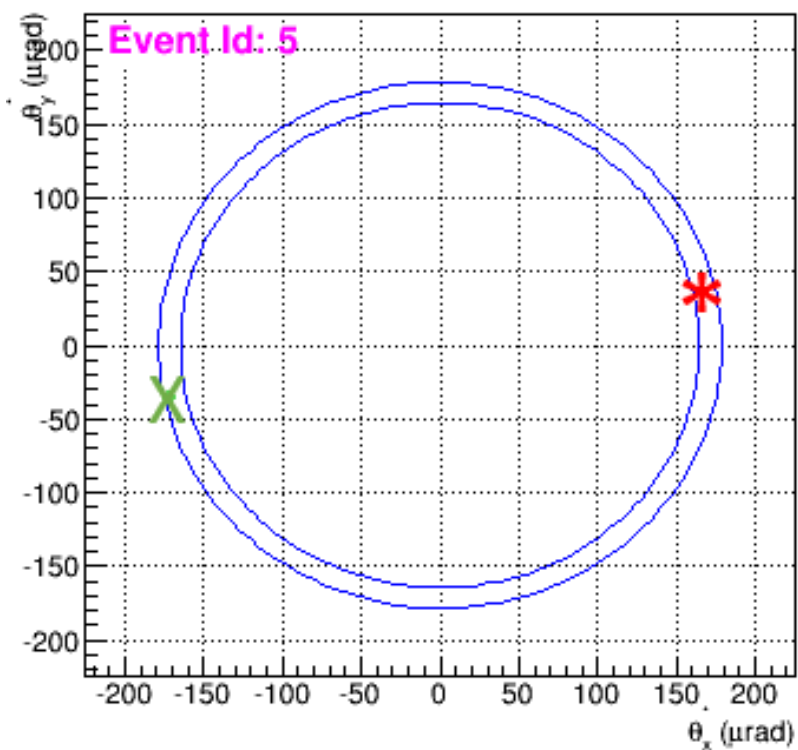
Angular Topology



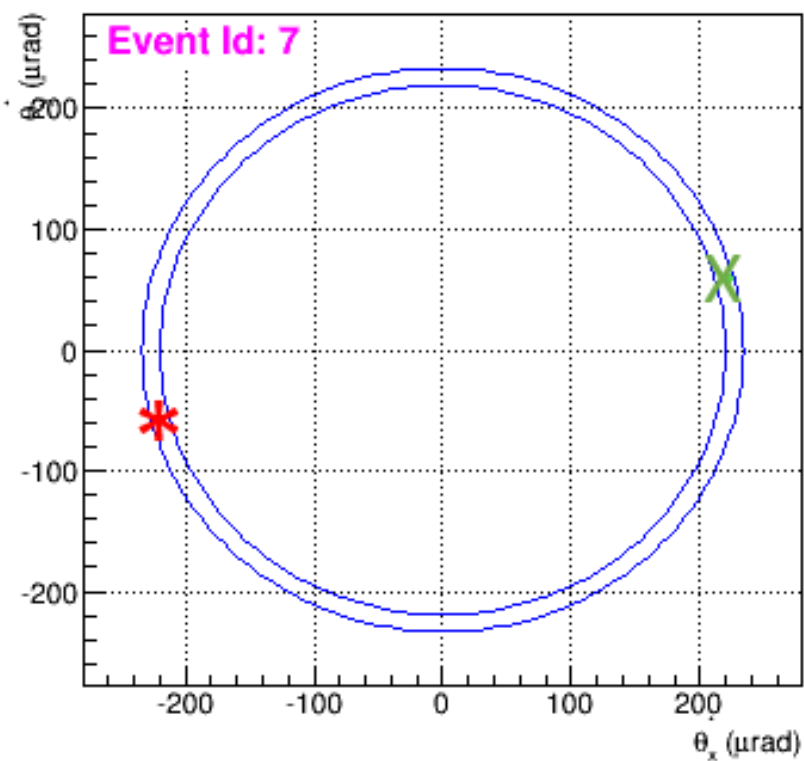
Angular Topology



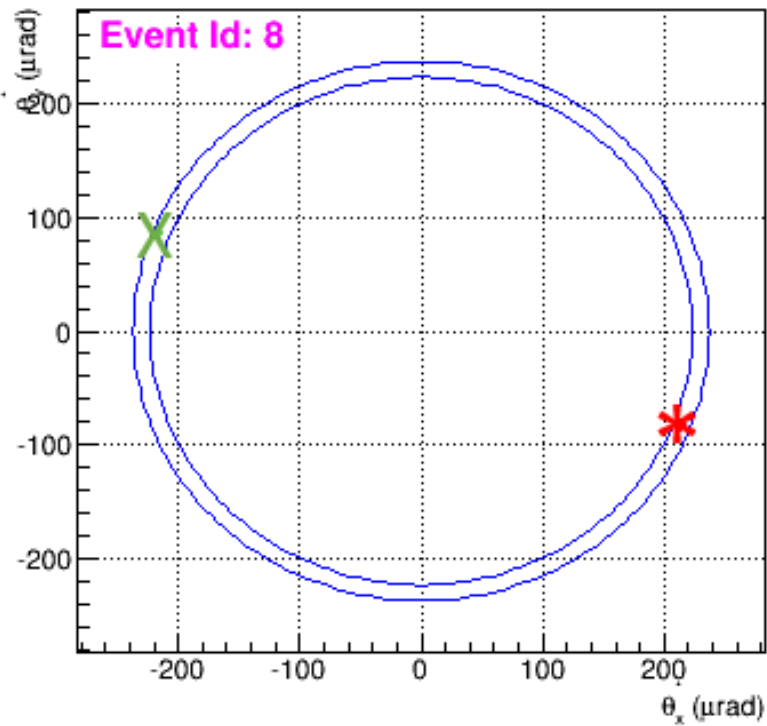
Angular Topology



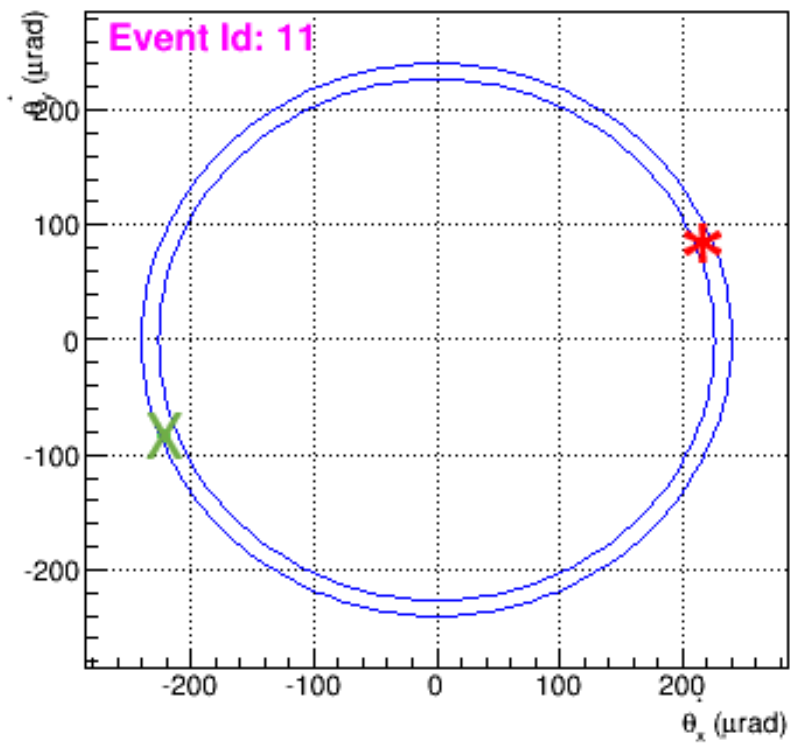
Angular Topology



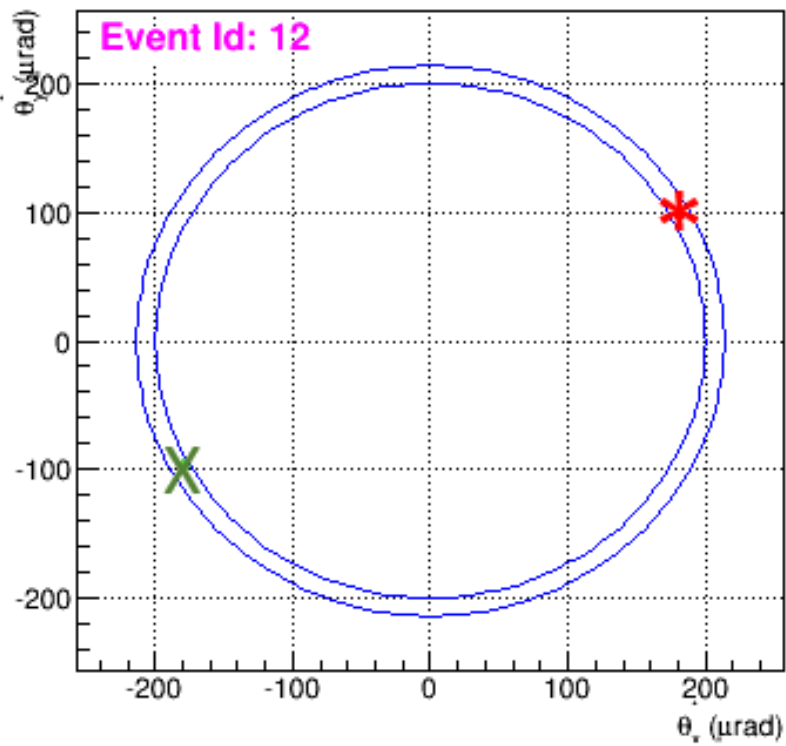
Angular Topology



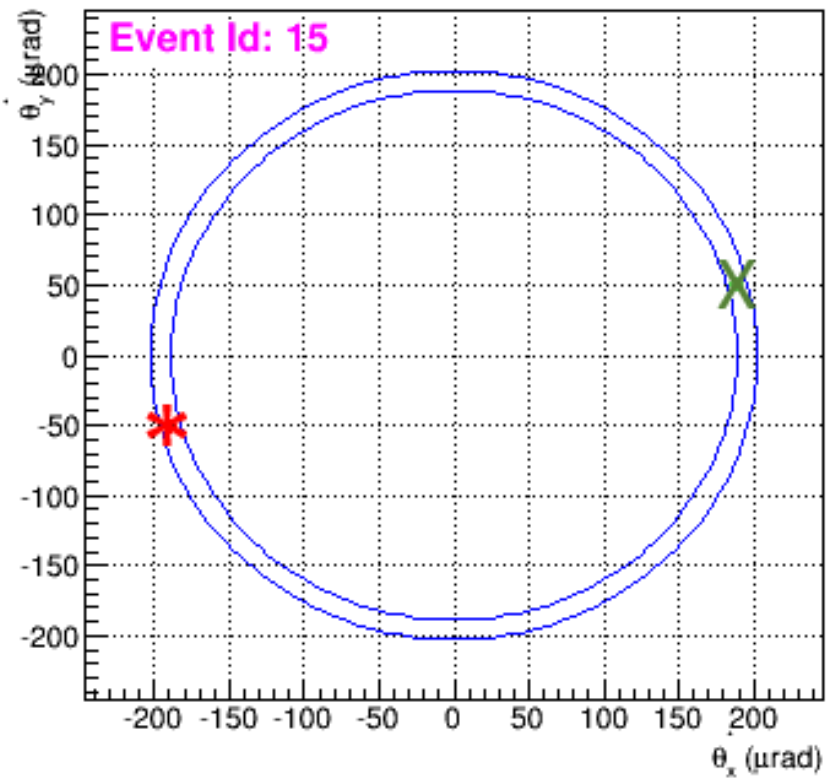
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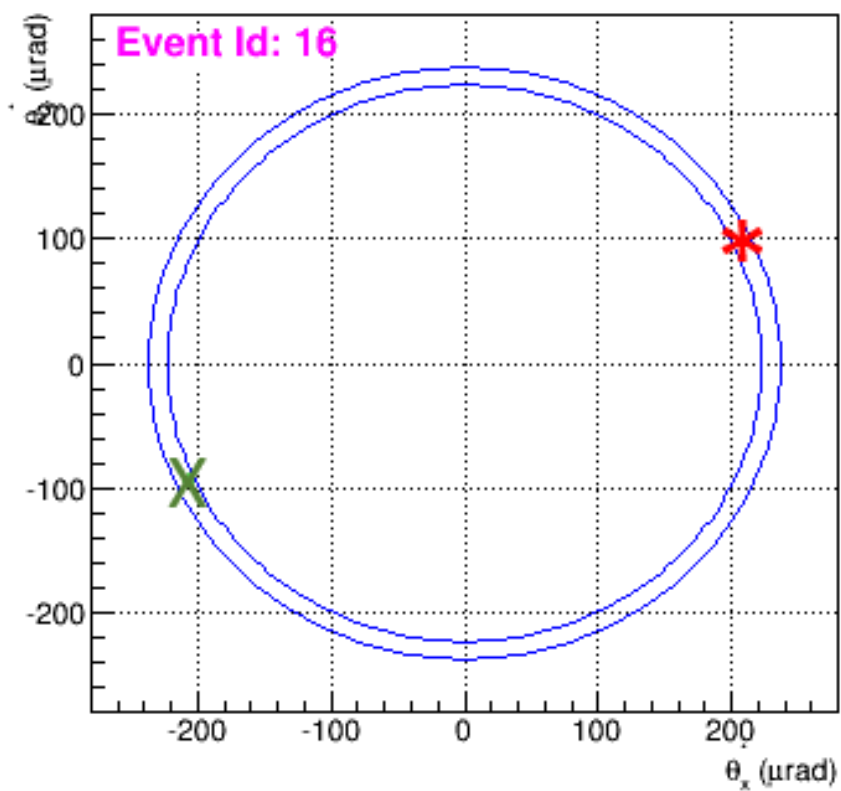
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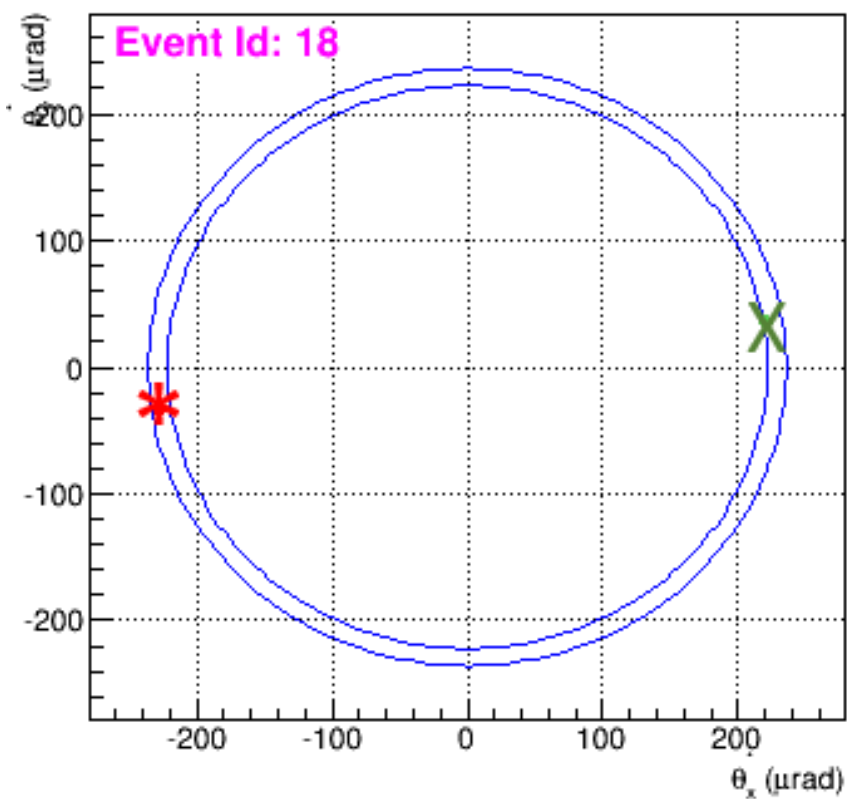
Angular Topology



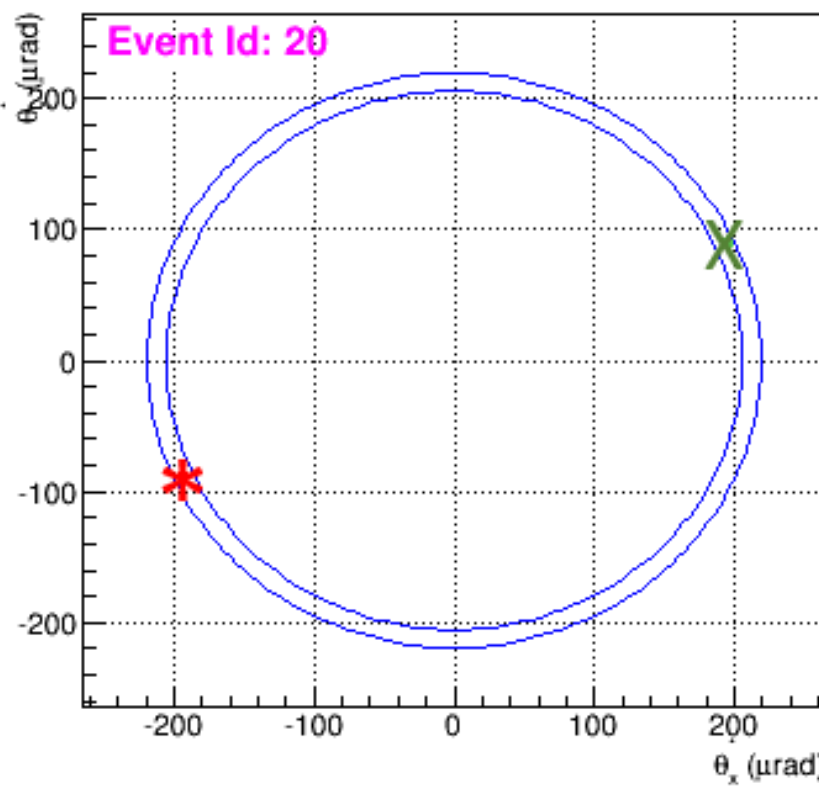
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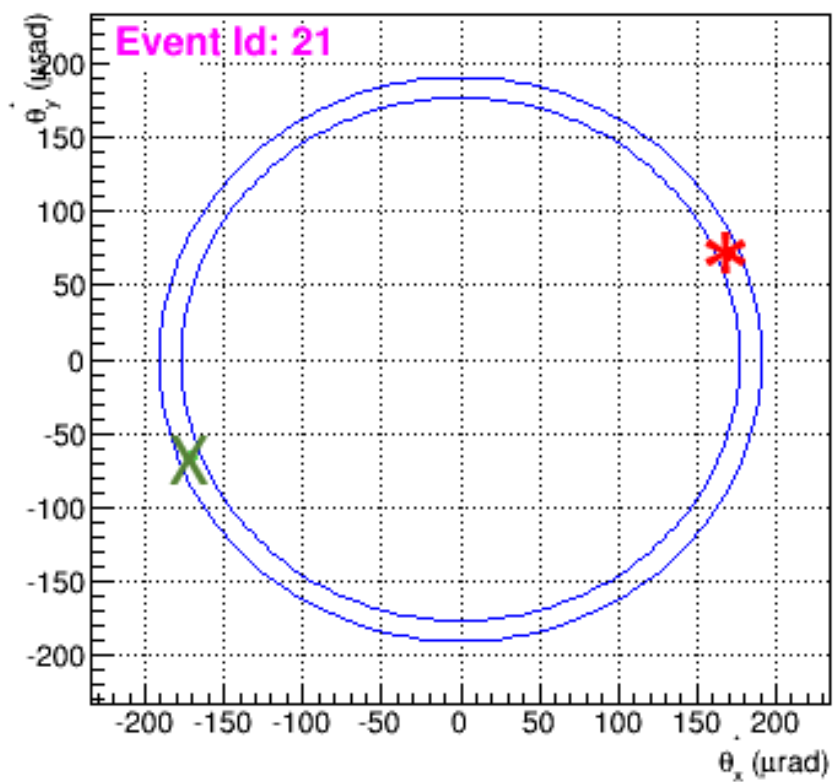
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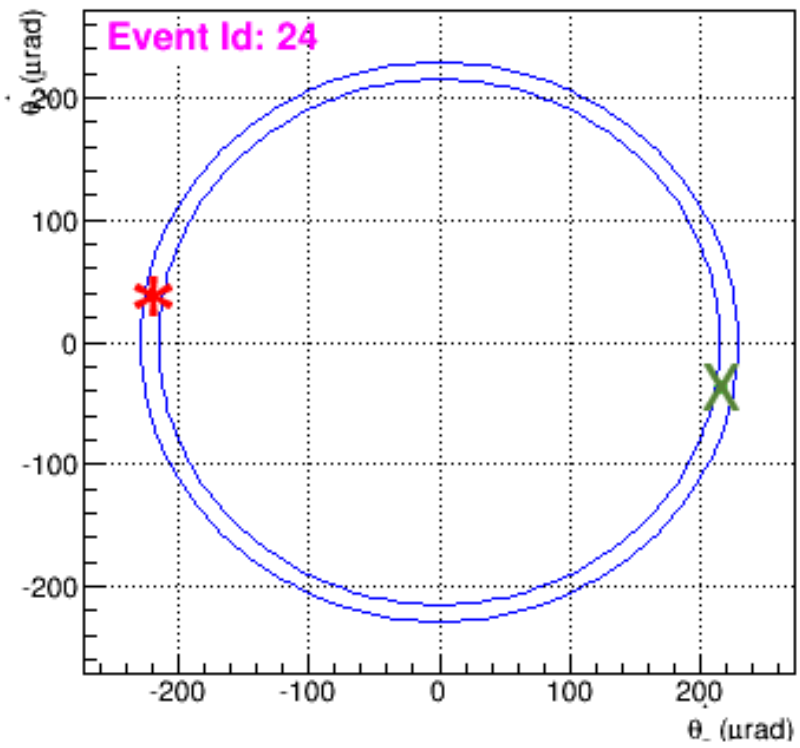
Angular Topology



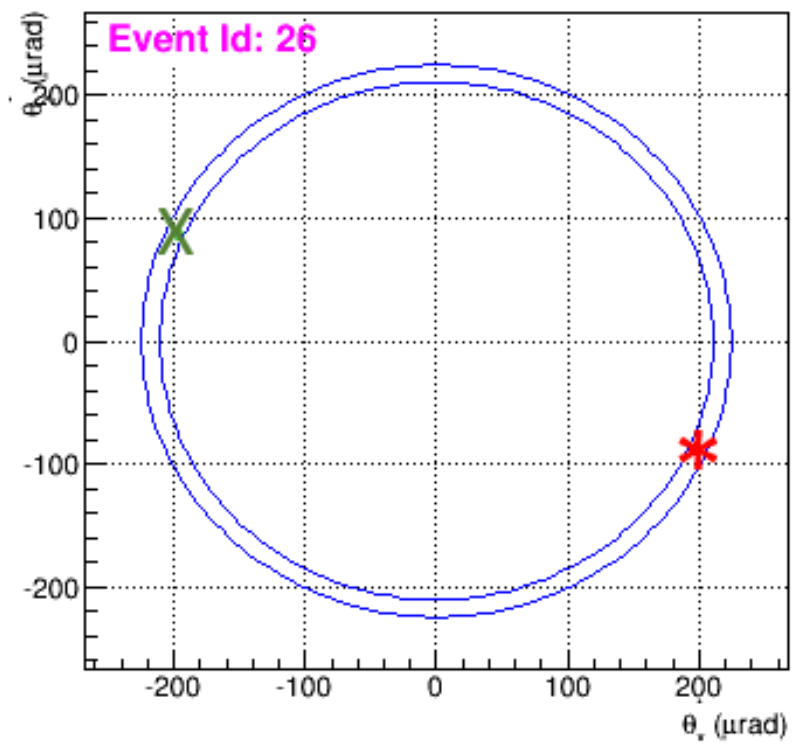
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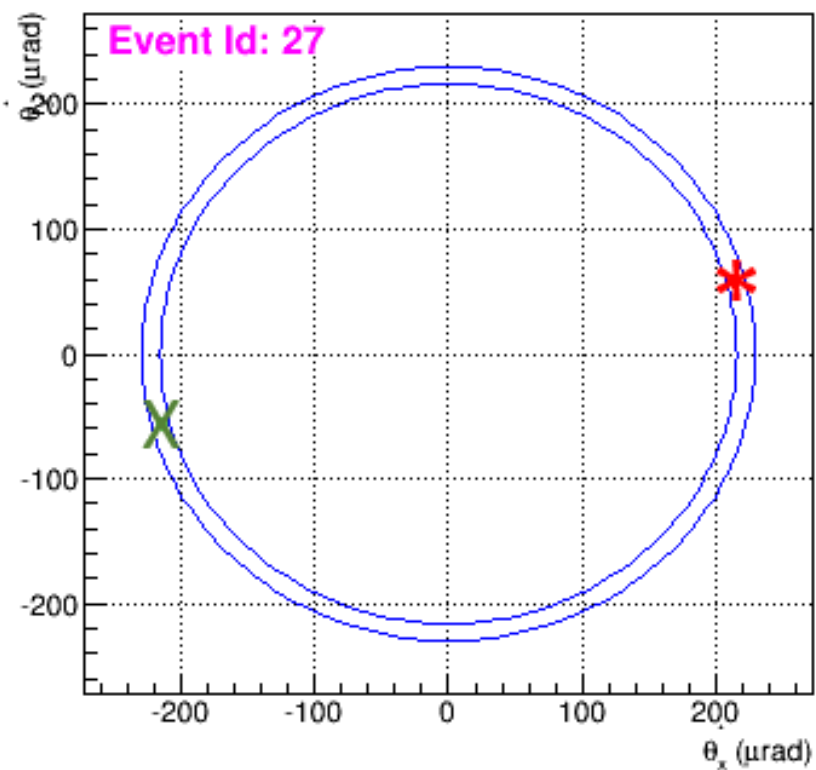
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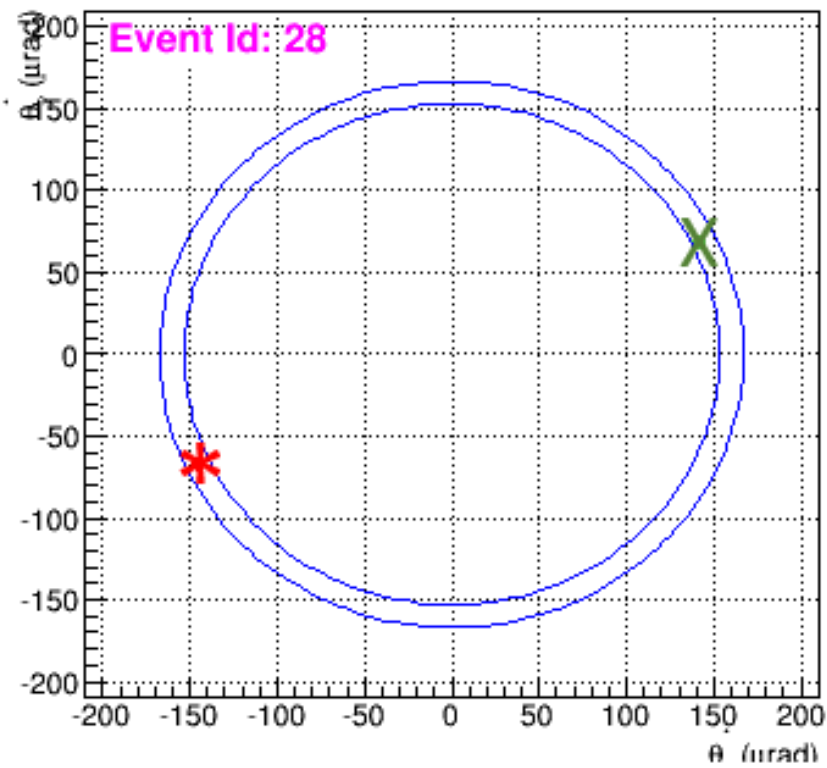
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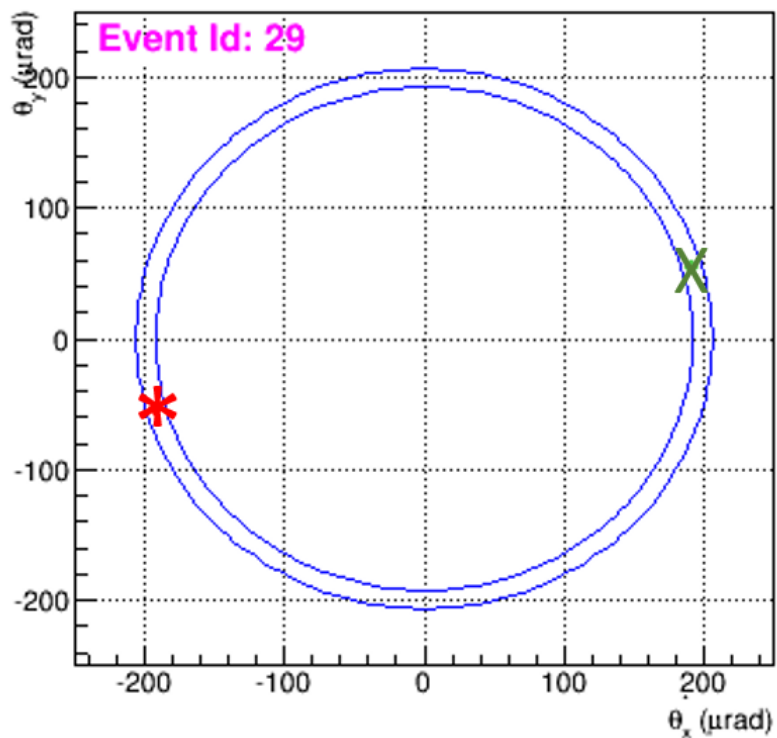
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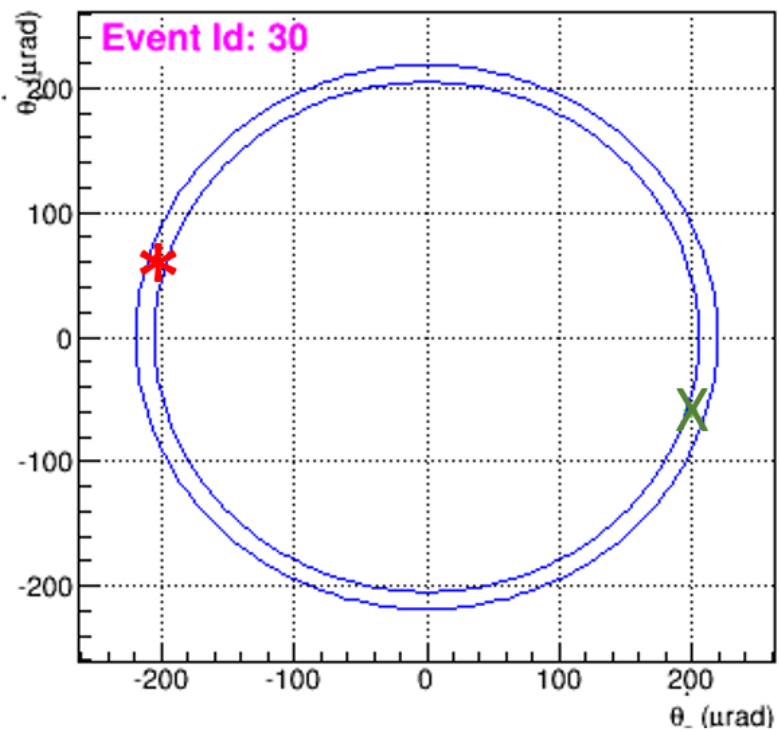
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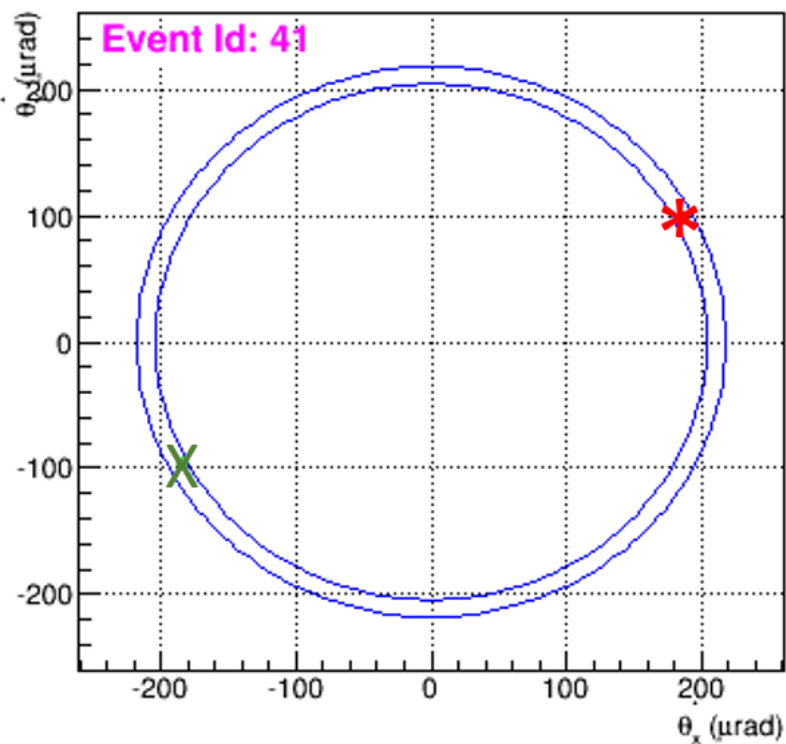
Angular Topology



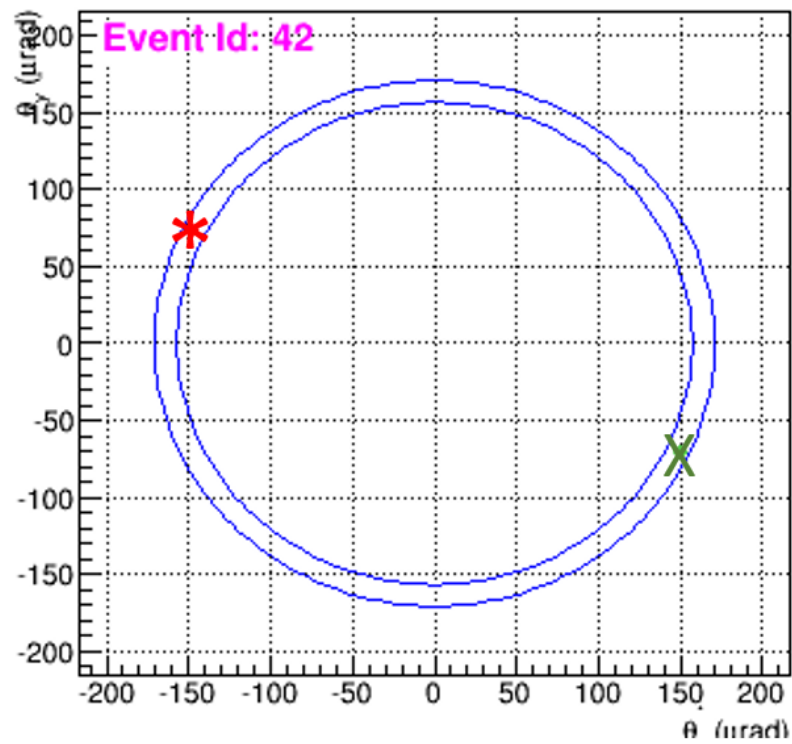
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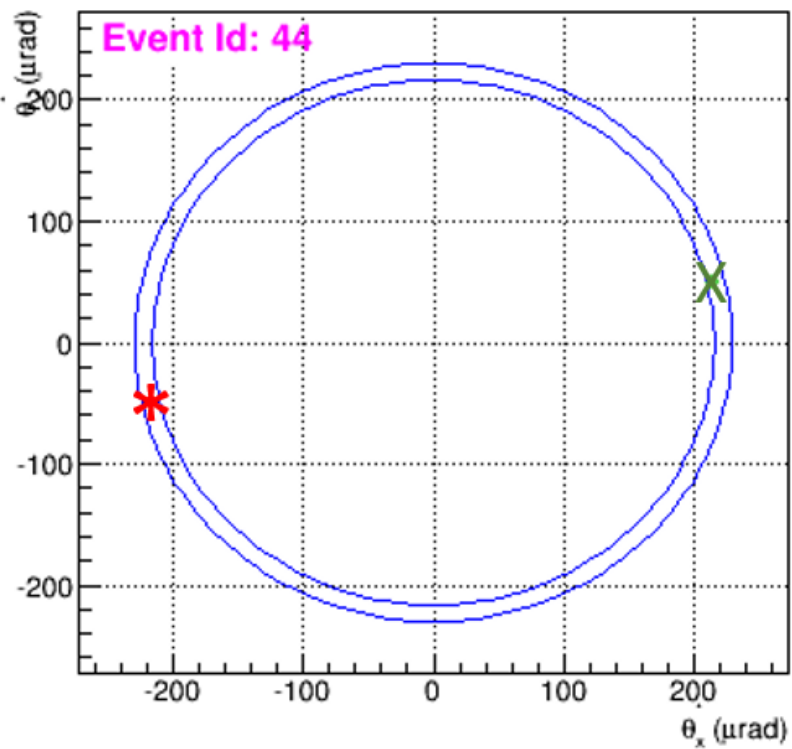
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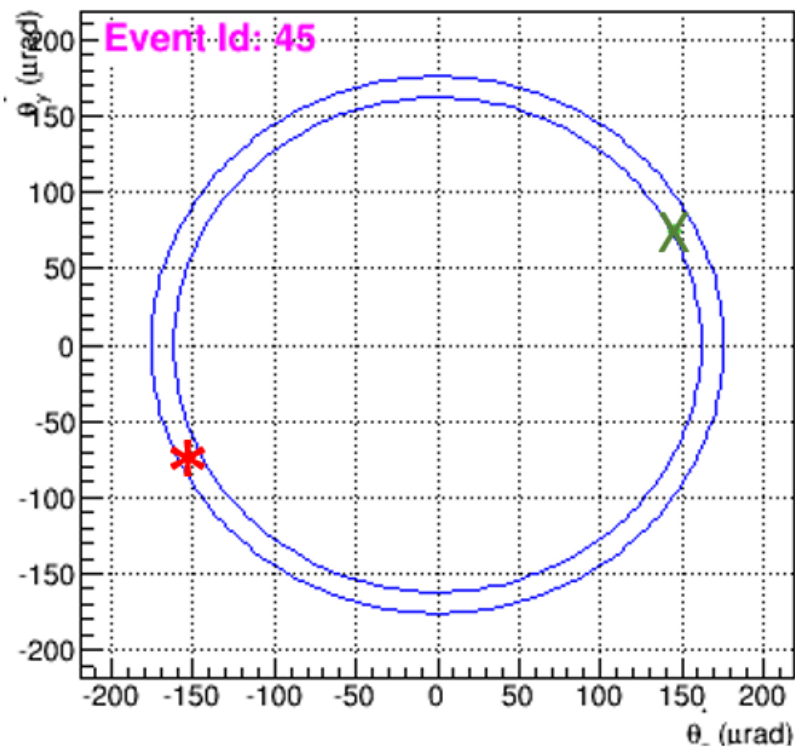
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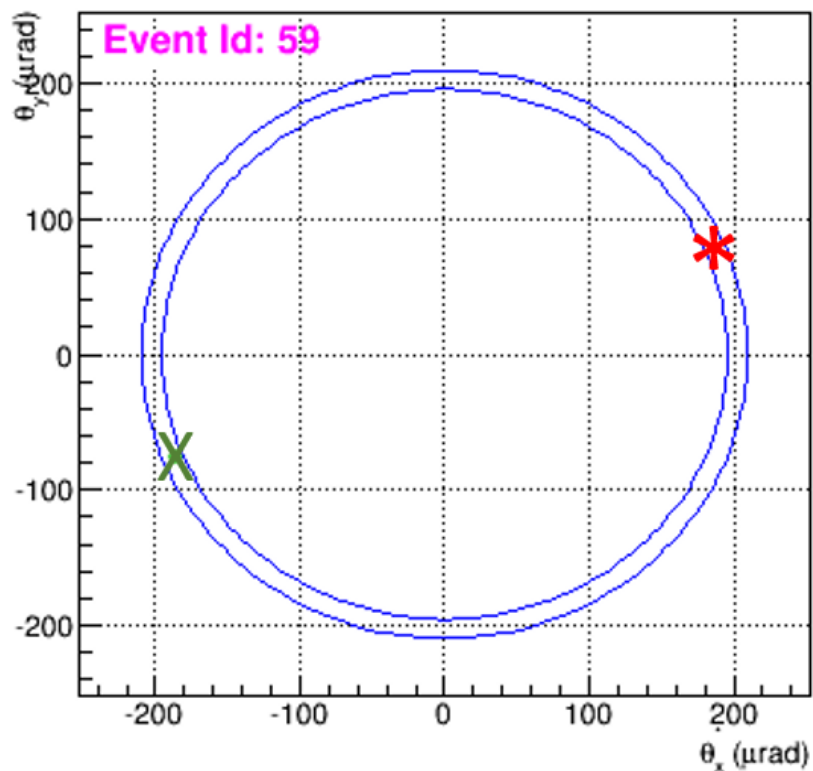
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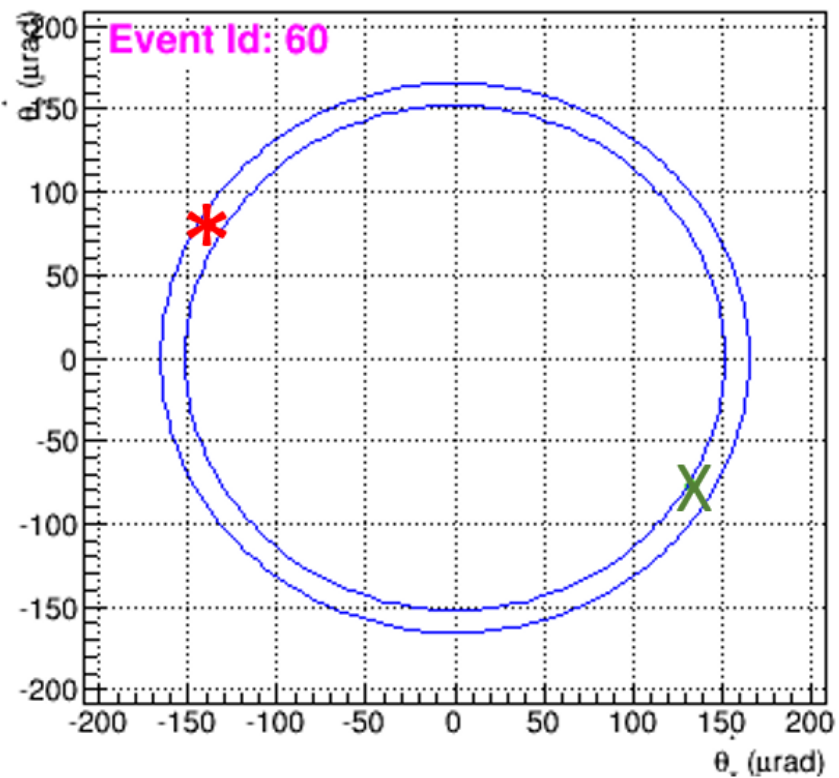
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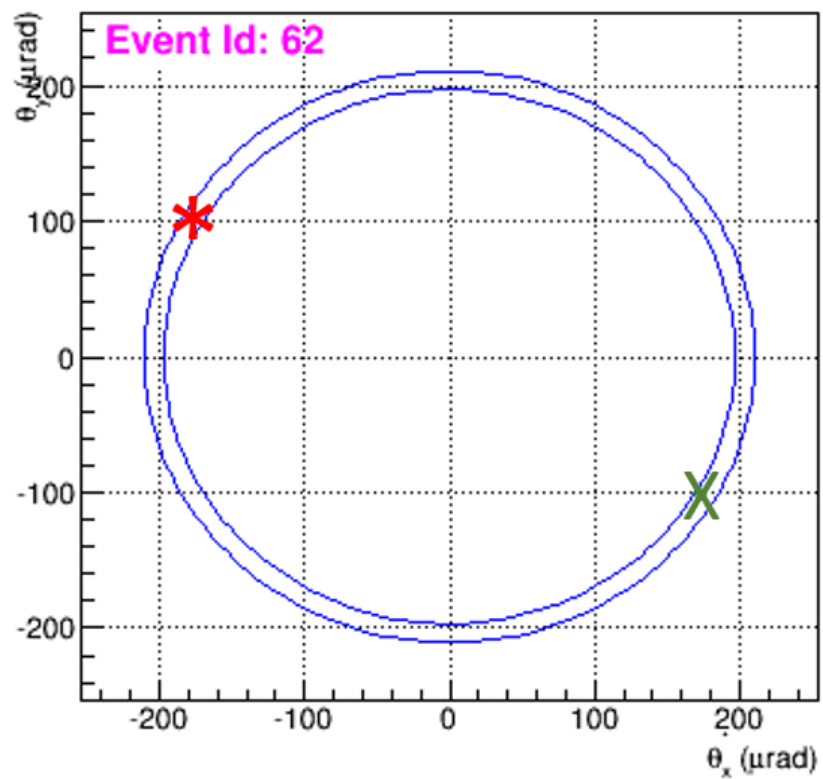
Angular Topology



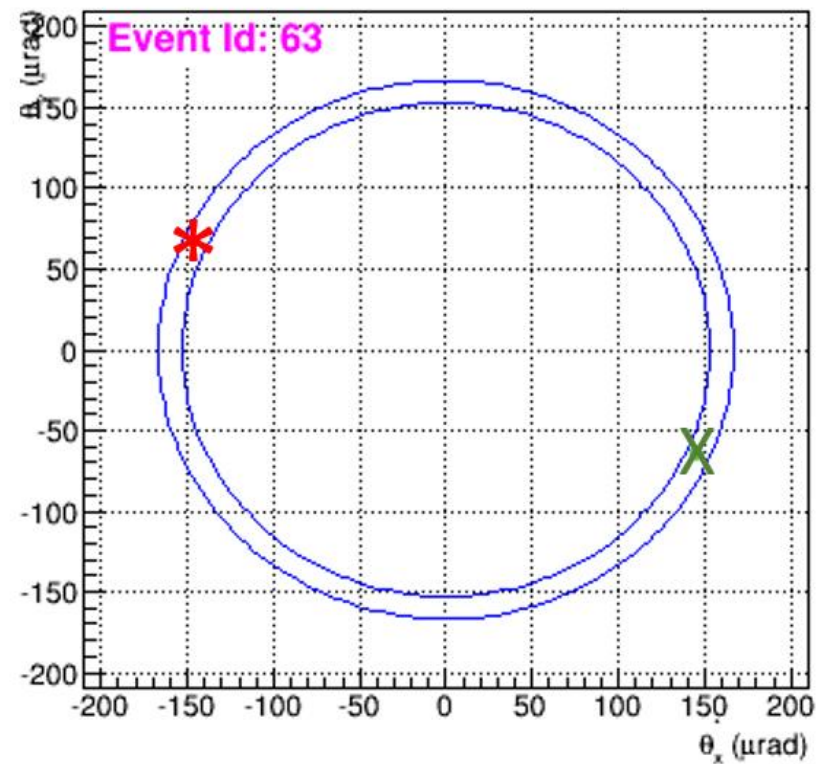
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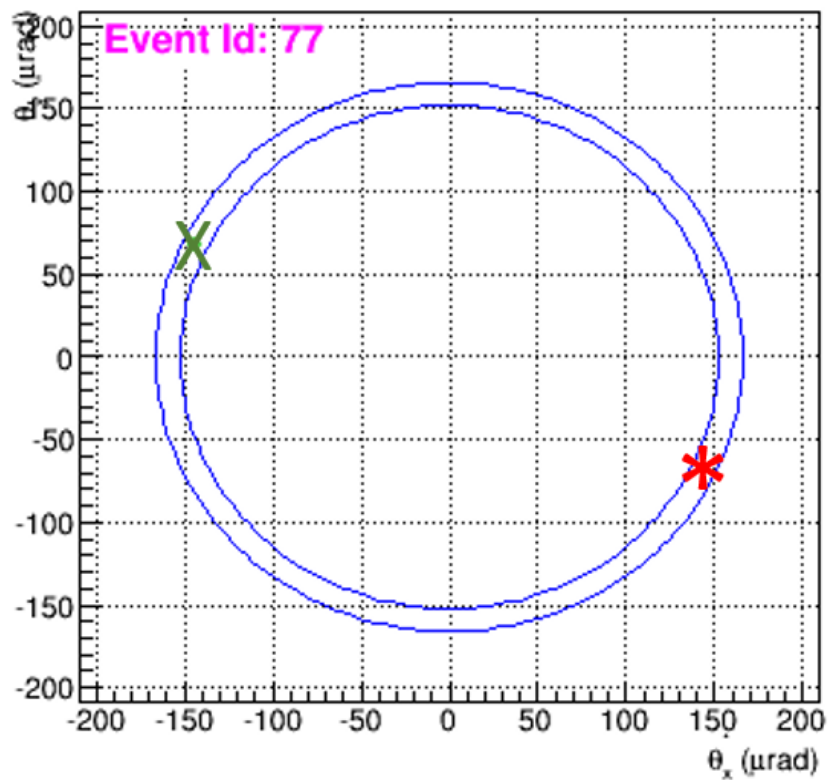
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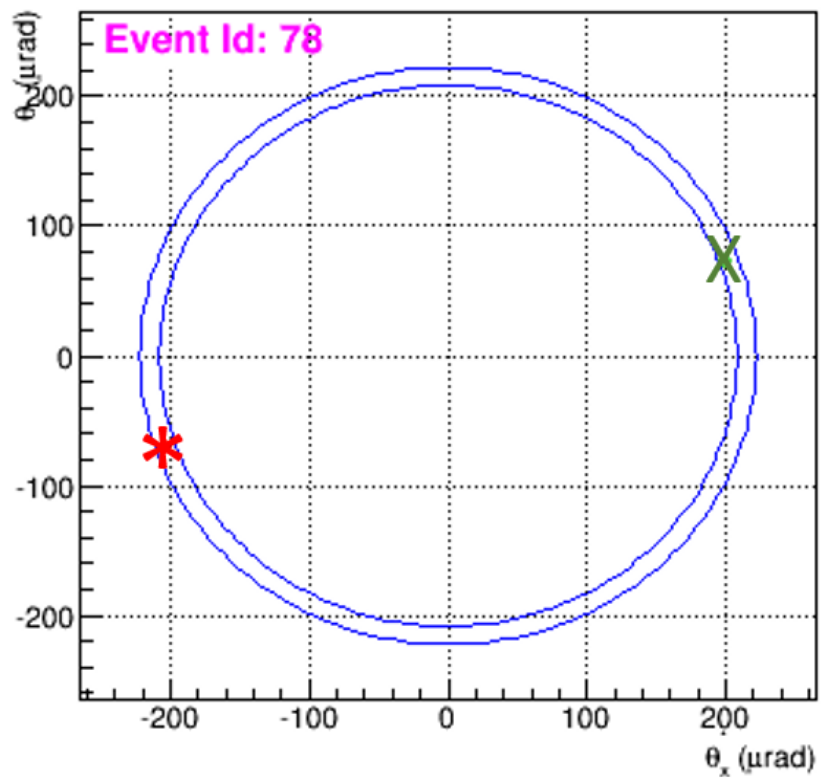
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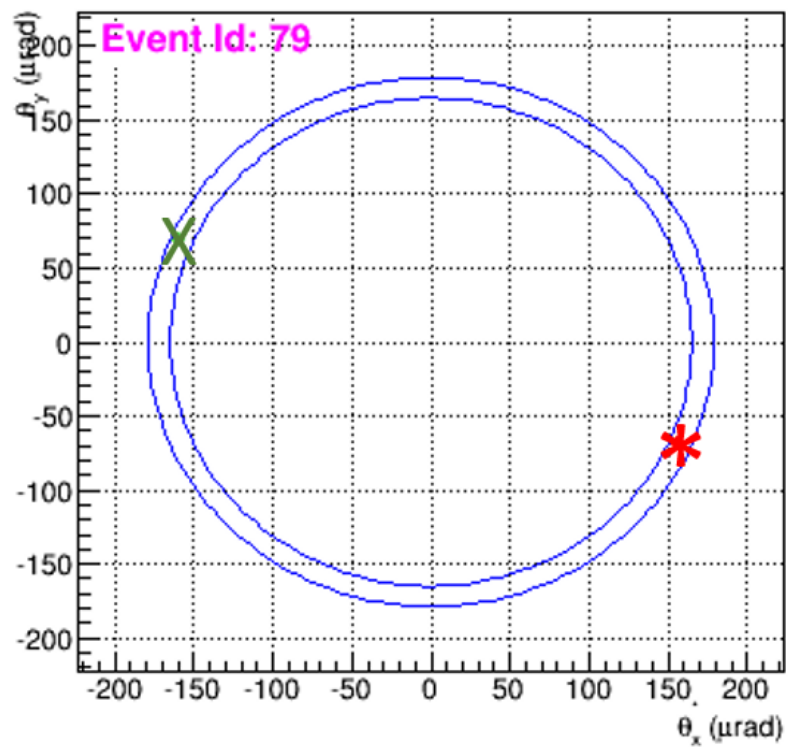
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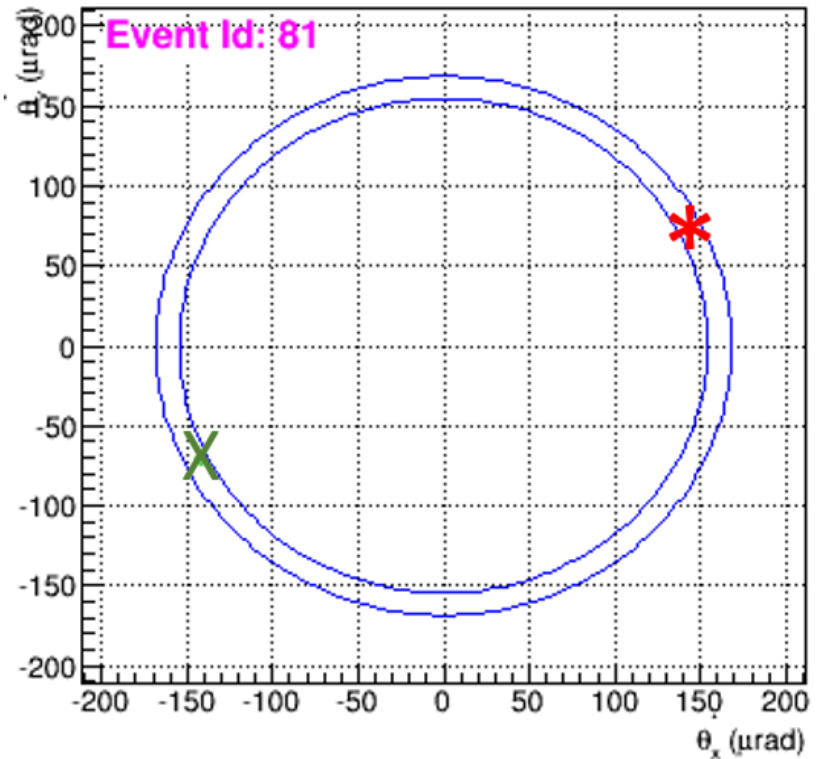
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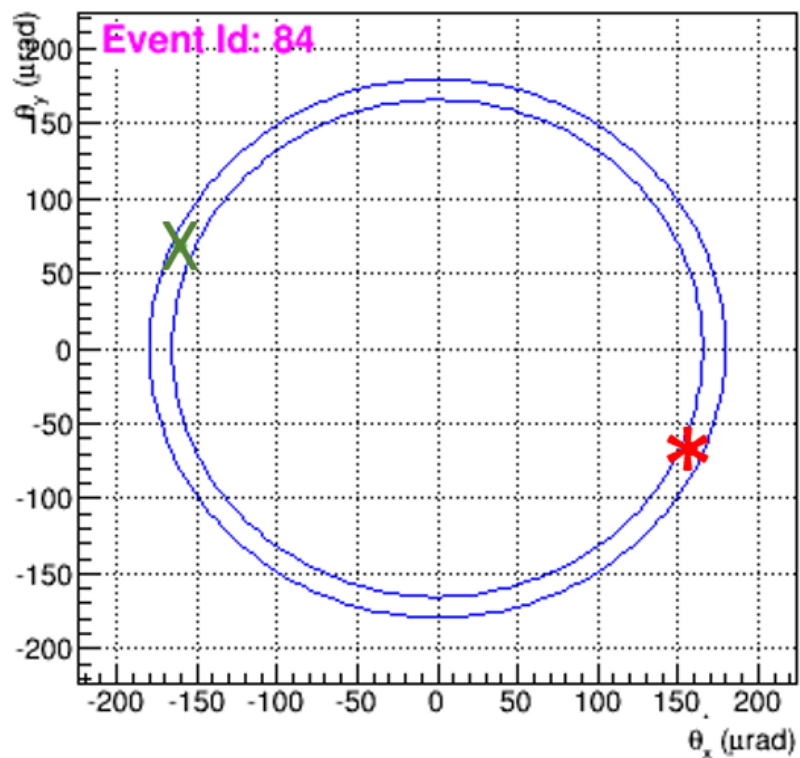
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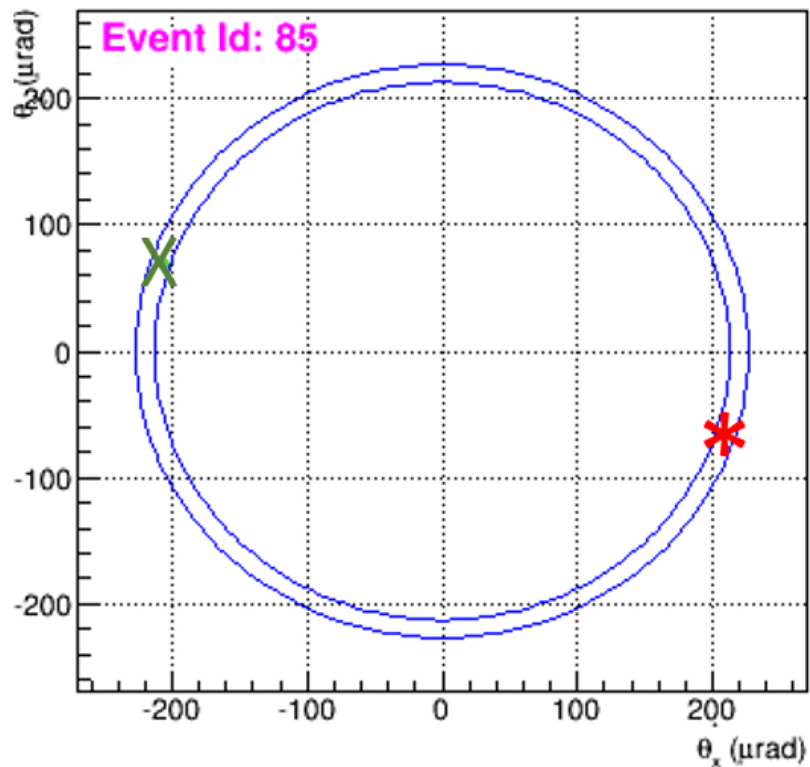
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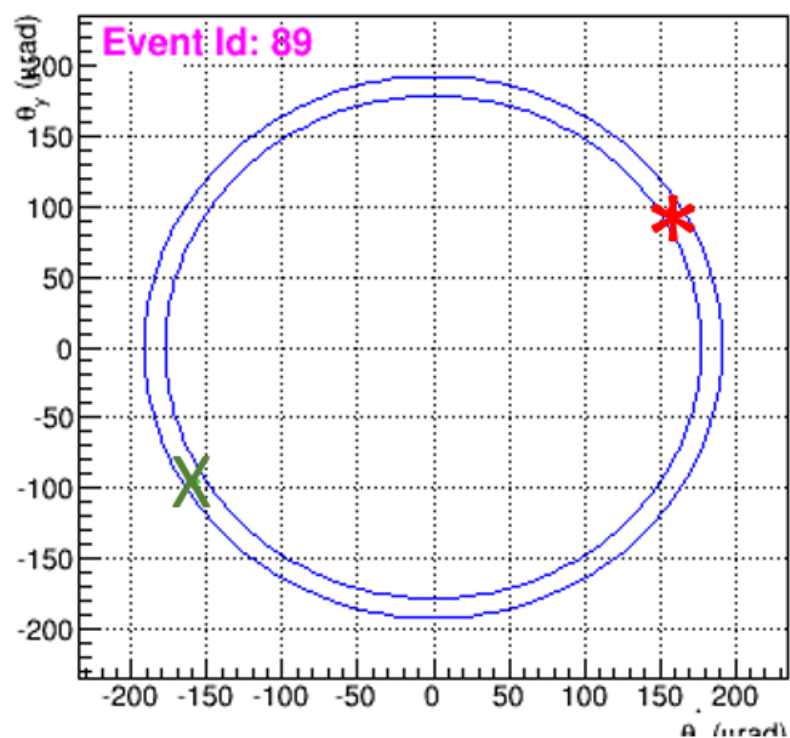
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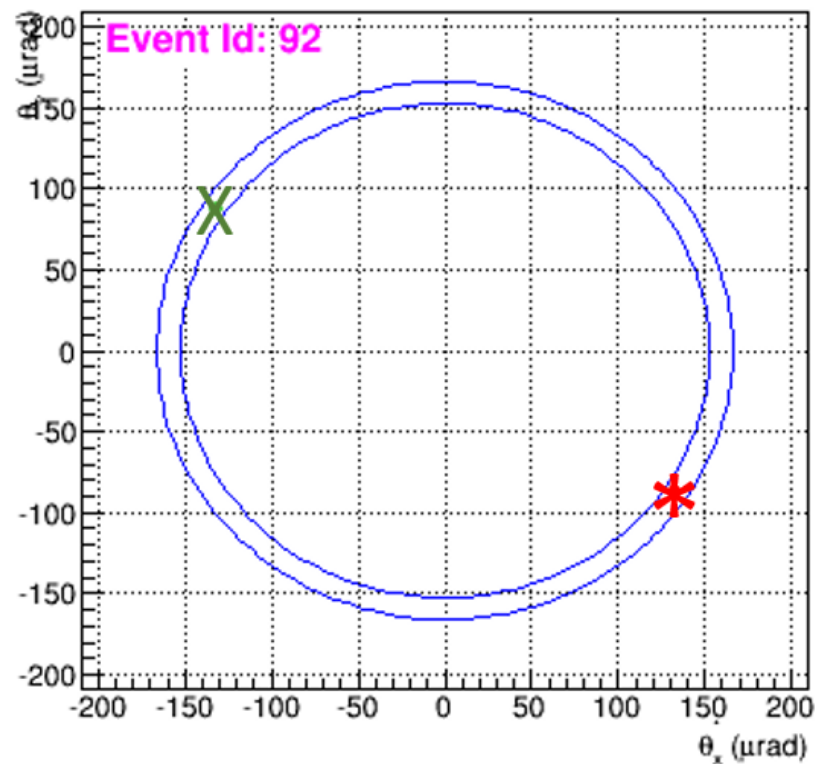
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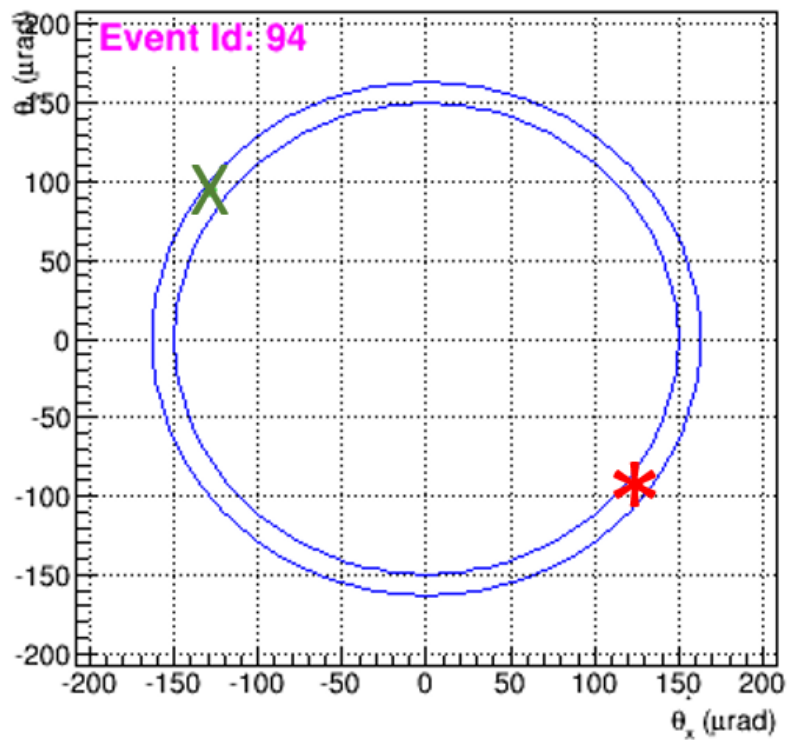
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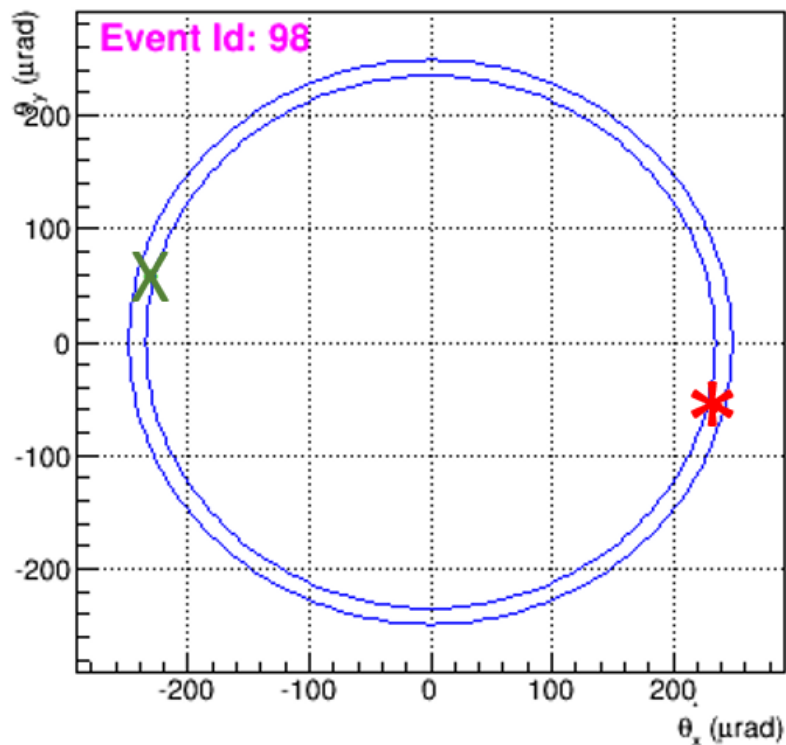
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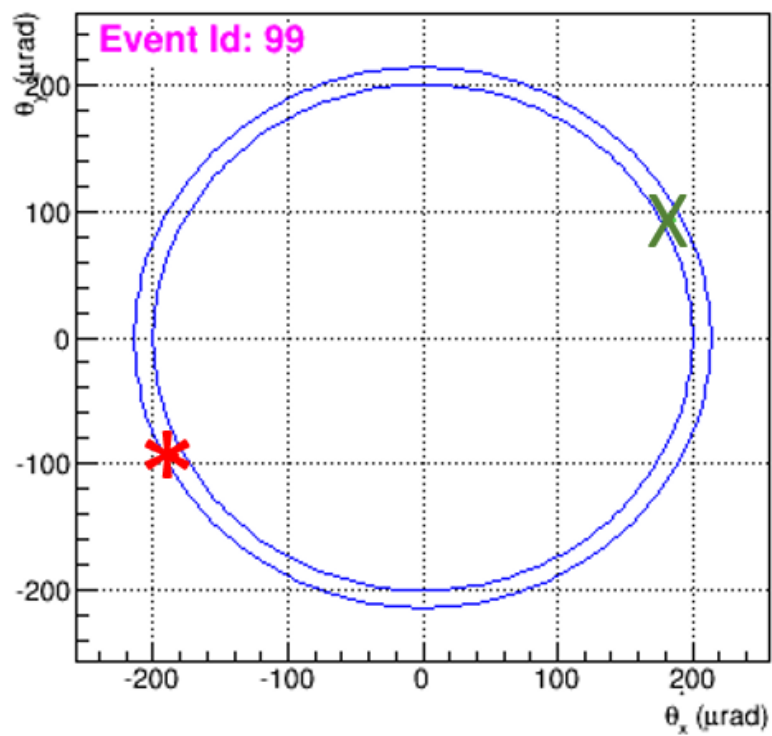
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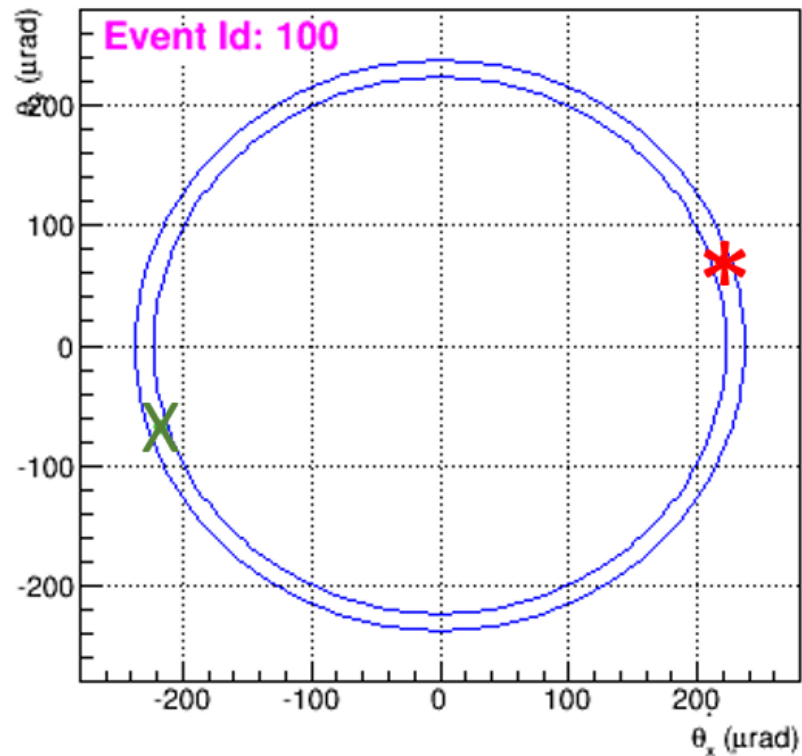
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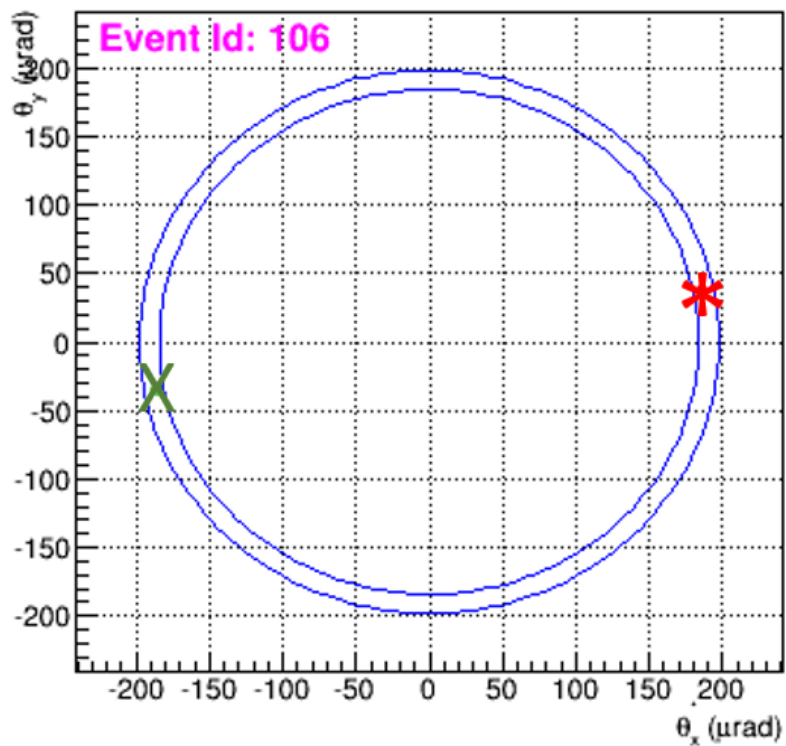
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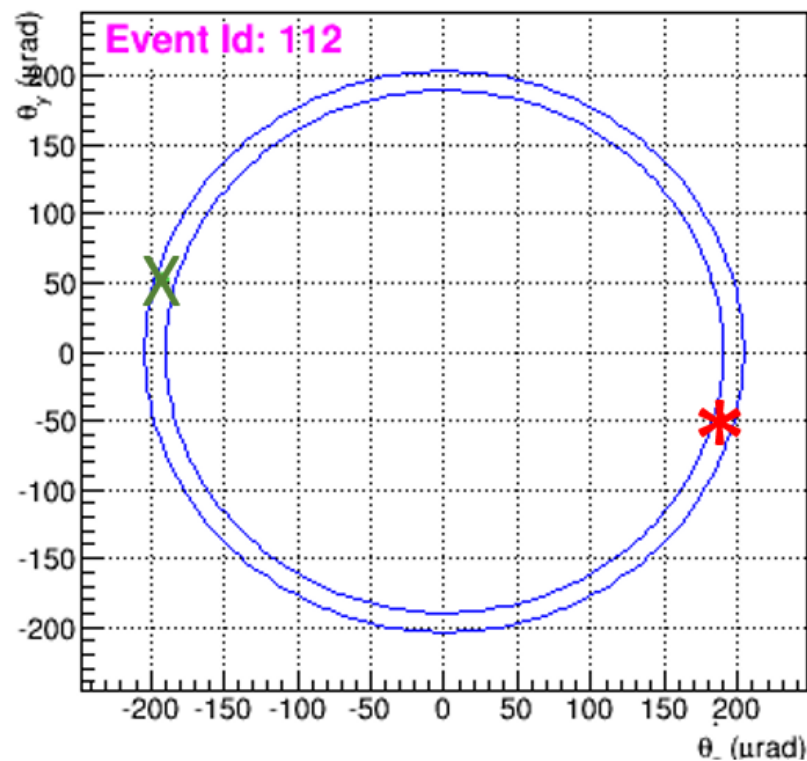
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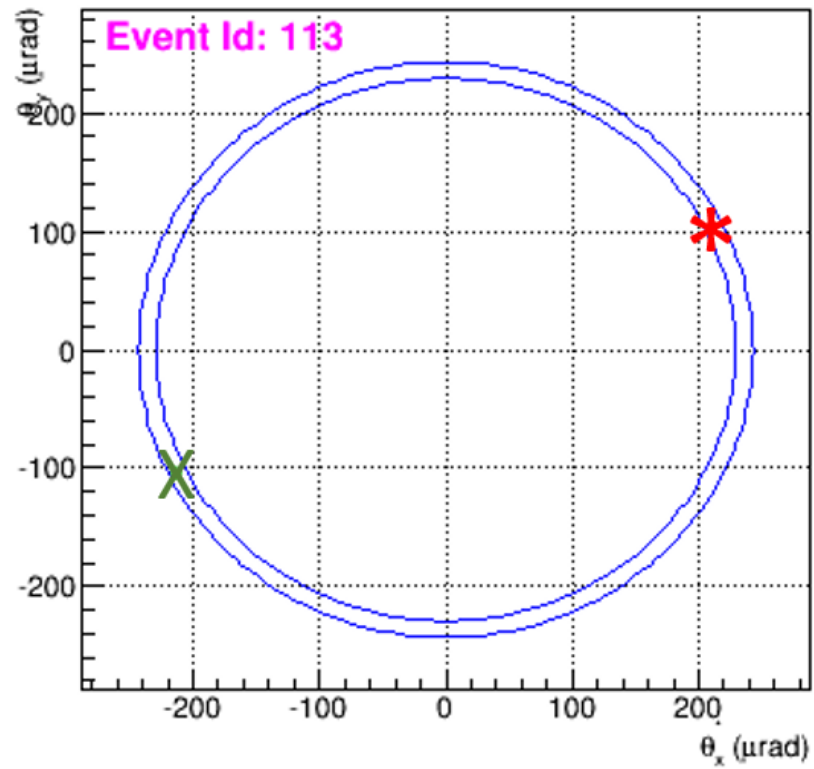
Angular Topology



Angular Topology



Angular Topology



Angular Topology

