

Light propagation and hit times

Jordan Seneca June 25th group meeting



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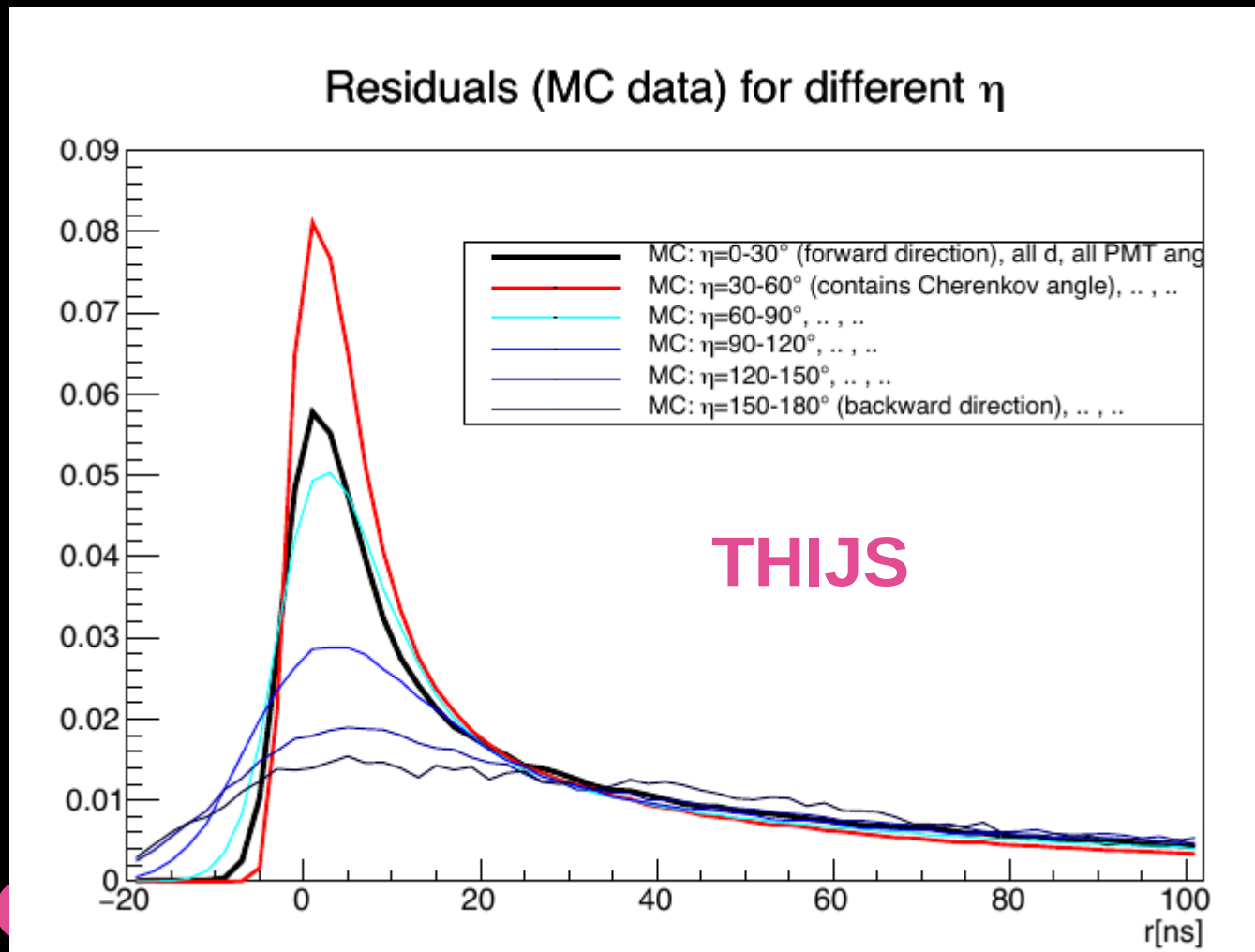
Problematic

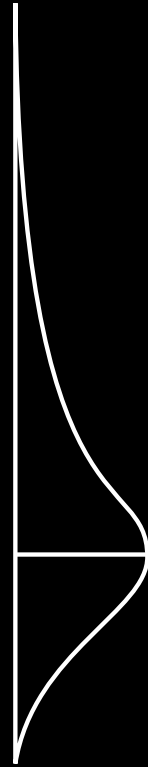
**Vertex reconstruction using Jpp
PDFs seems sub-par**

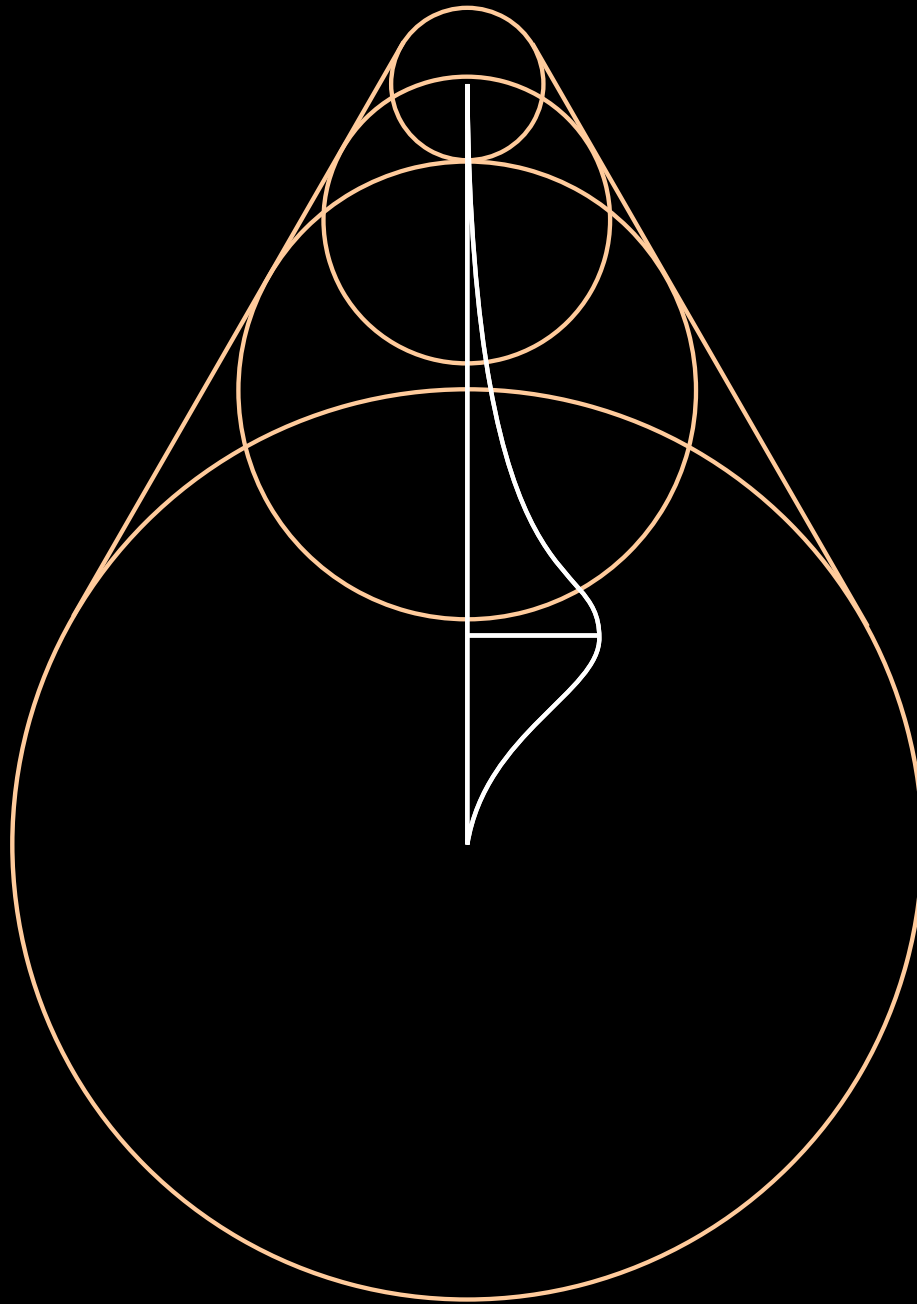
**Jpp PDF time distributions do not
match that of MC**

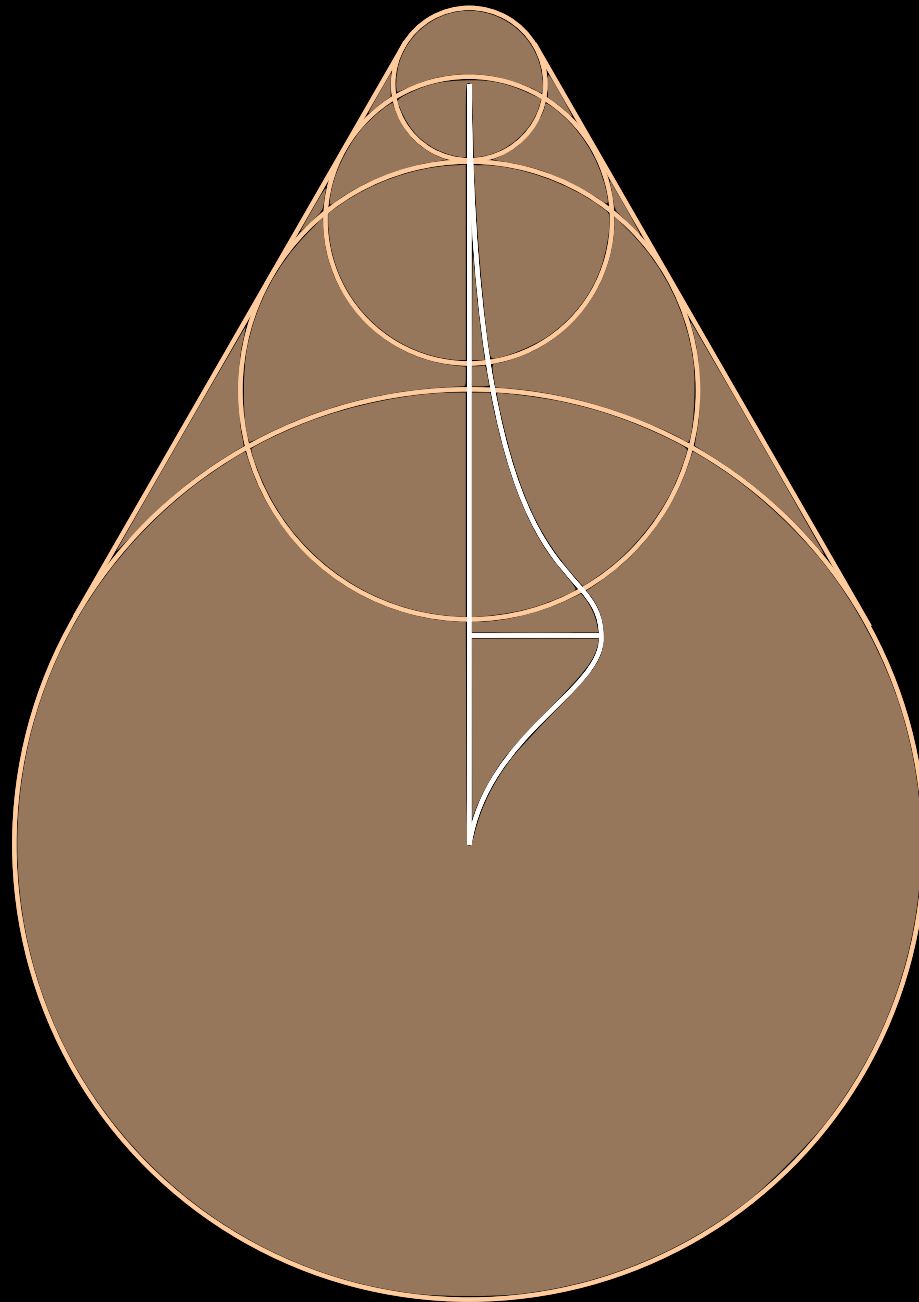
Solution: shower elongation?

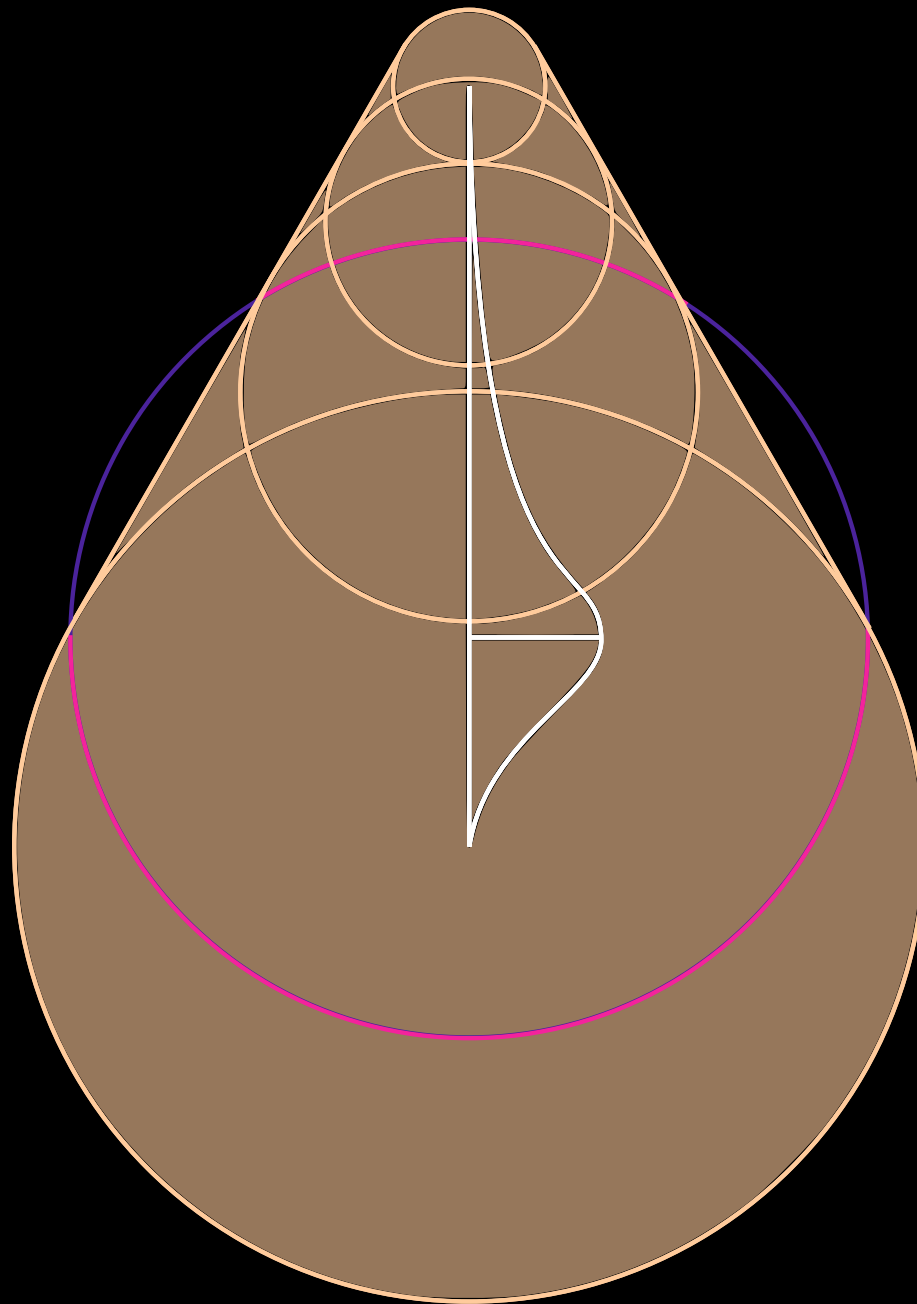
Problematic











Other notes

Spline interpolation yields negative values in time residual domain

Solution: shower elongation?

Suggestion:

- Implement elongation in vertex reconstruction

