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September 16, 2025

#### The Problem

## Partial Wave Analysis

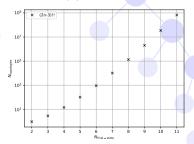
- ► Needed to disentangle Resonances in hadronic processes
- Angular description

#### **Frameworks**

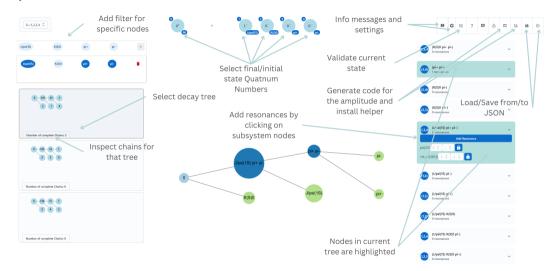
- ► Many different Frameworks
- All have different strengths
- Usage is verry different

## Cascade Decay Model

- ► N-body decay modeled as consecutive 2-body decays
- $\triangleright$  (2N 3)!! topologies
- Keping overview almost impossible for N > 3(4)



## **Proposed Solution**



# Thank you for listening!

https://kaihabermann.github.io/DecaySelector/



Try out the Prototype!



Add your own parser!

