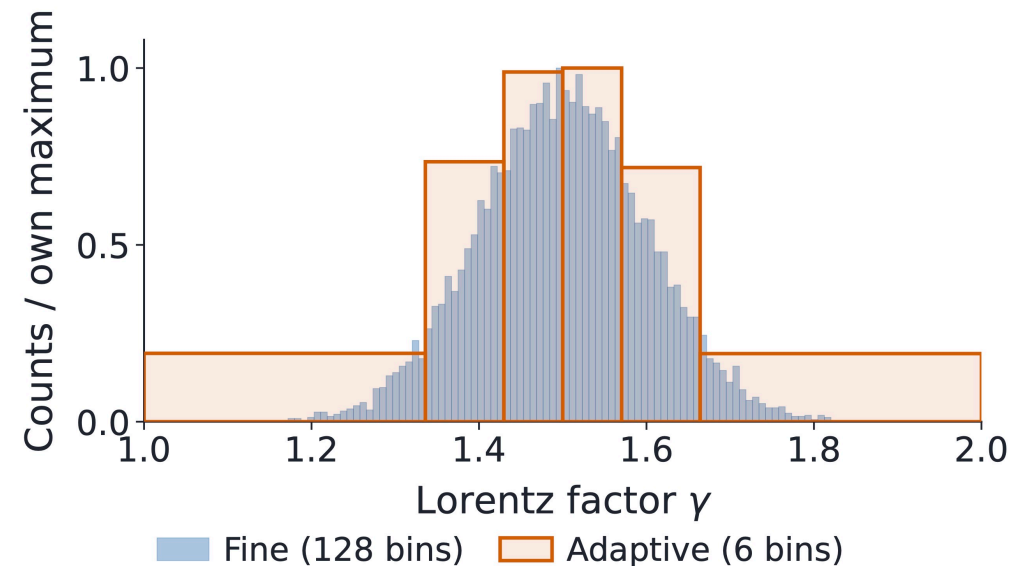


Matched accuracy with up to 60% less solver runtime

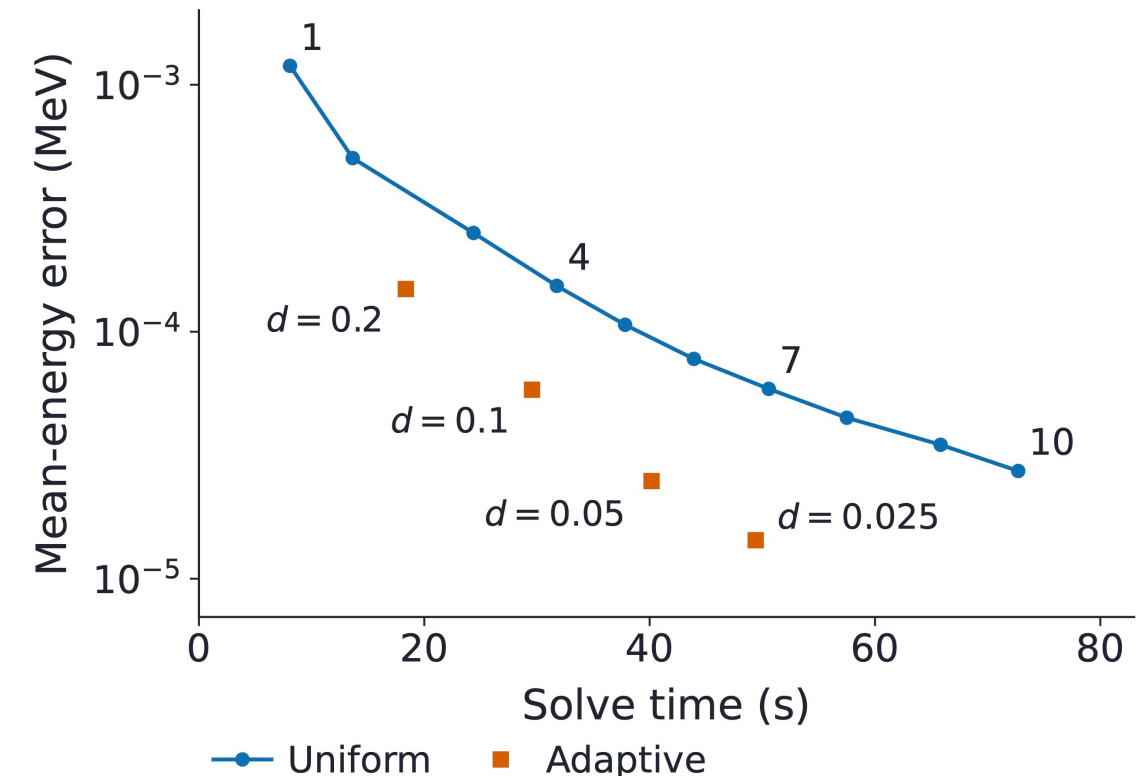
In realistic gun simulations with relativistically significant energy spread

Energy binning balances
modelling error and solver cost



- Merge adjacent bins in sparse tails of a fine γ histogram.
- A cost function guides dynamic programming.

AWAGun



Visit my poster for the binning algorithm and GPU scaling