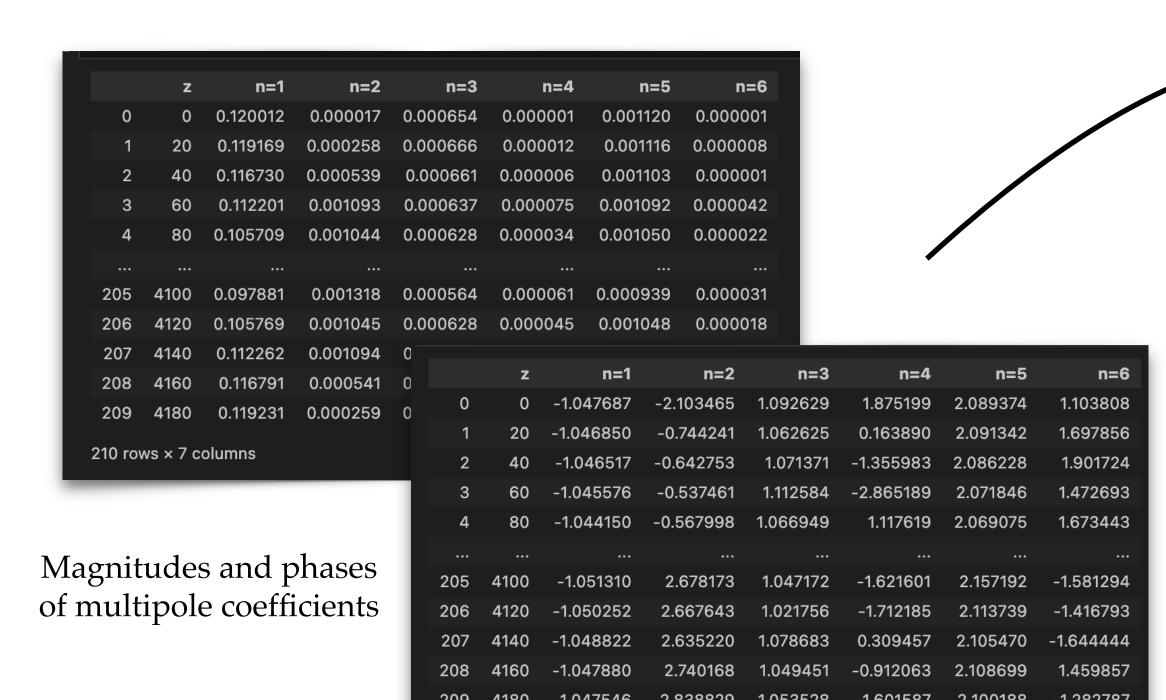
## HFOFO Project Updates

Week of September 27 – October 3, 2025

https://github.com/criggall/muon-cooling/tree/main

## On the field map implementation in G4beamline



210 rows × 7 columns

Sample over 3D grid

of the map.

Input to *fieldmap* in G4beamline

The input file starts with a set of commands to define the parameters of the map, followed by blocks of lines containing the values of the field components. The field component names depend on the type of map (grid: Bx,By,Bz,Ex,Ey,Ez; cylinder: Br,Bz,Er,Ez).

Each command has a specific list of arguments to define parameters