

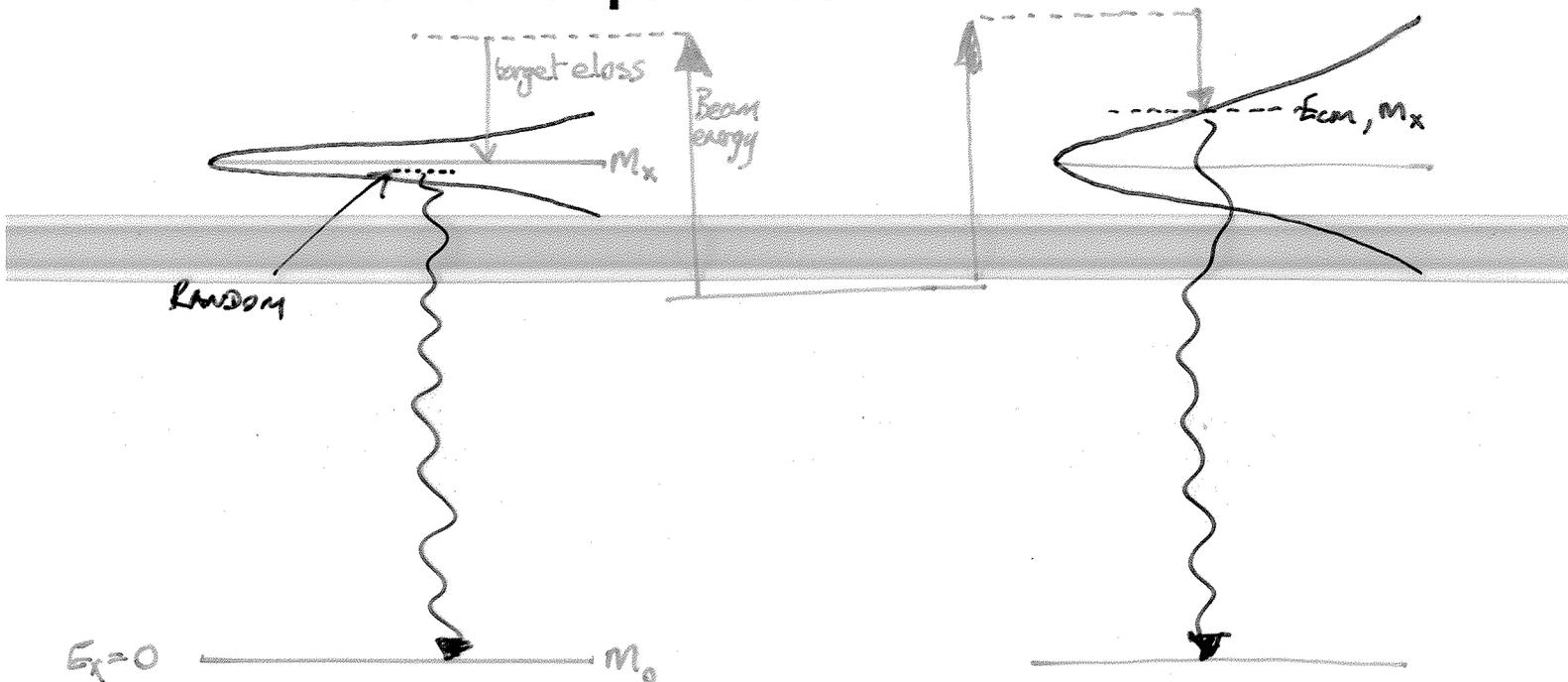
DRAGON GEANT simulation

Distinct sections:

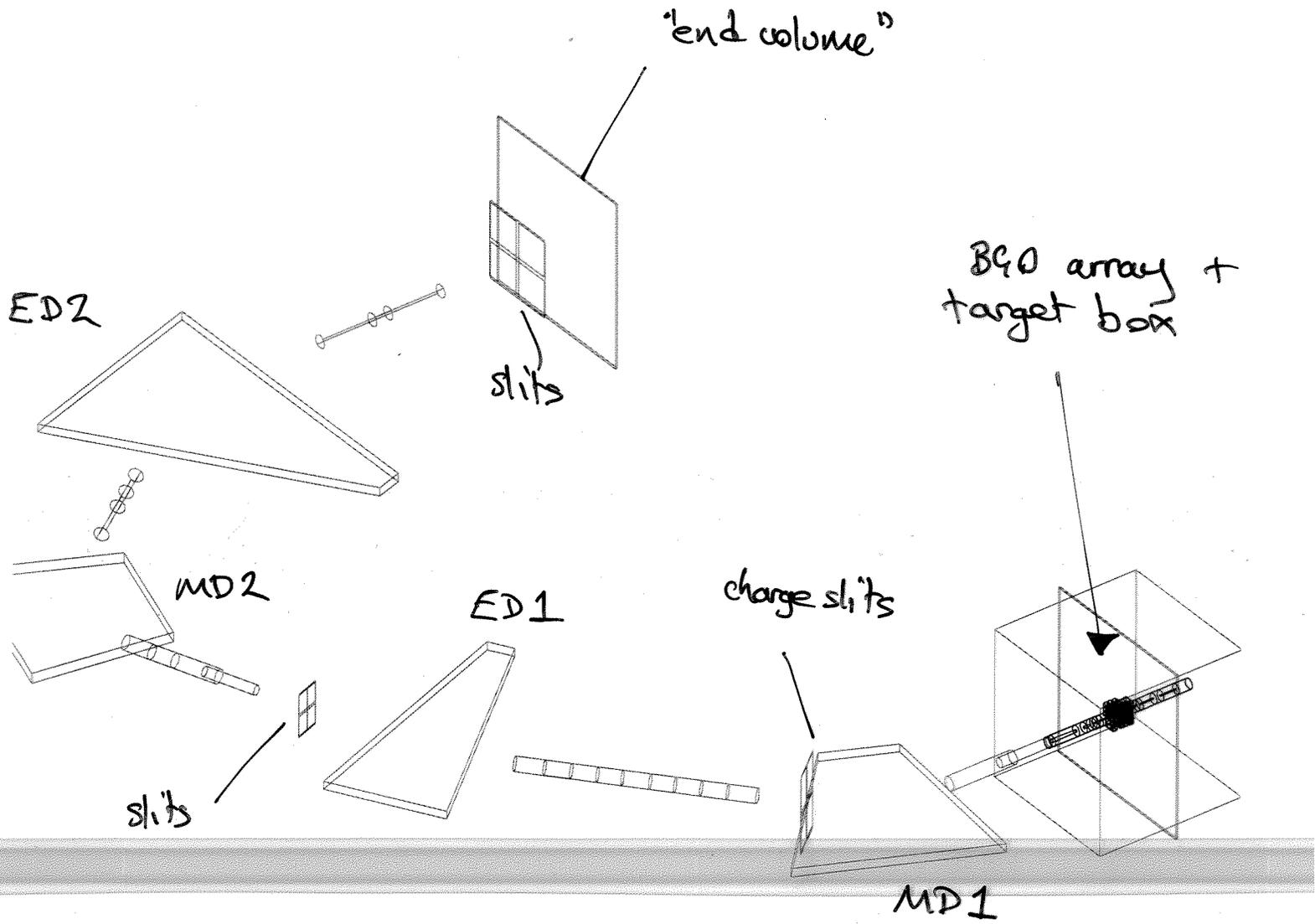
- Beampipes, collimation, target assembly
- BGO Array
- MITRAY separator optics description

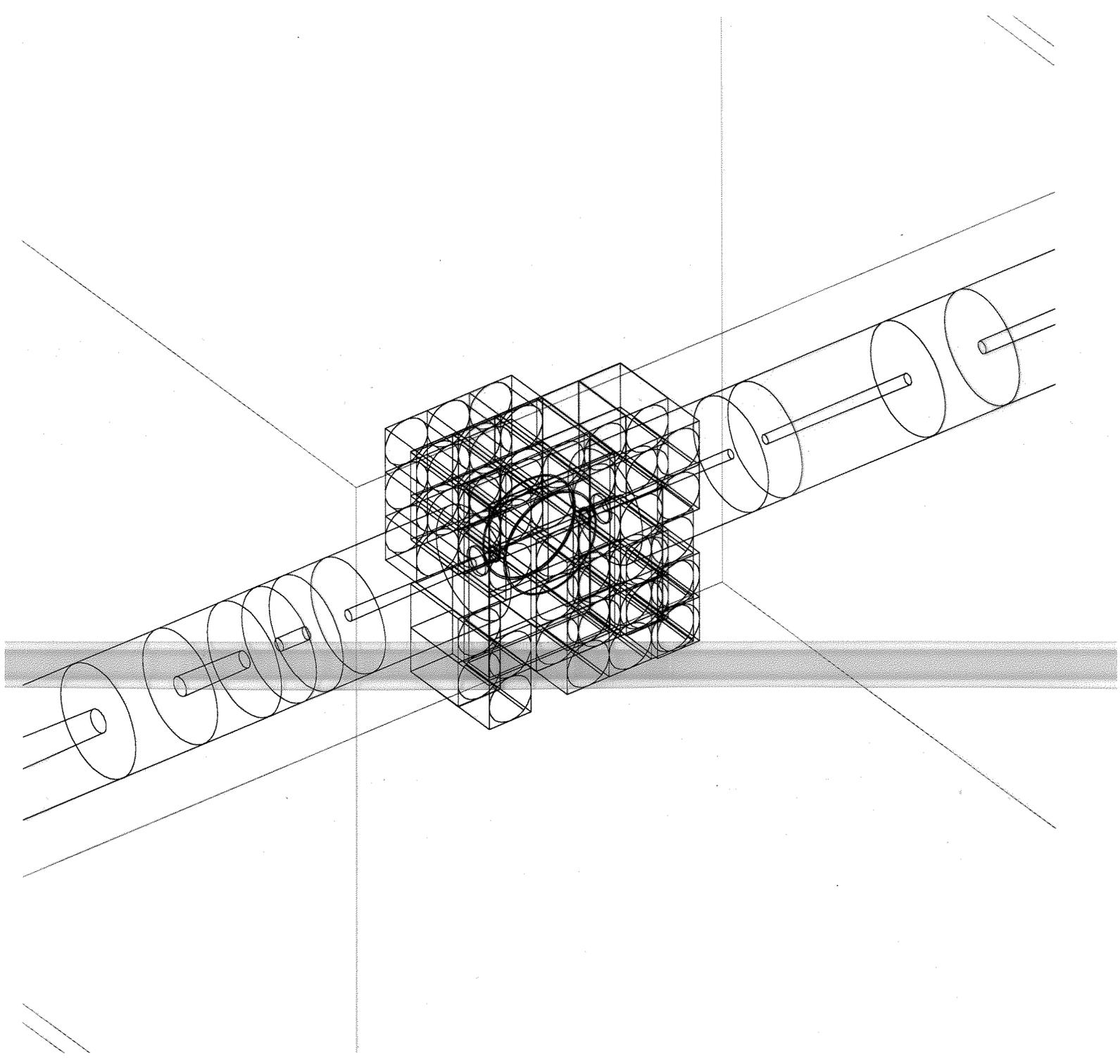
Reaction event generator:

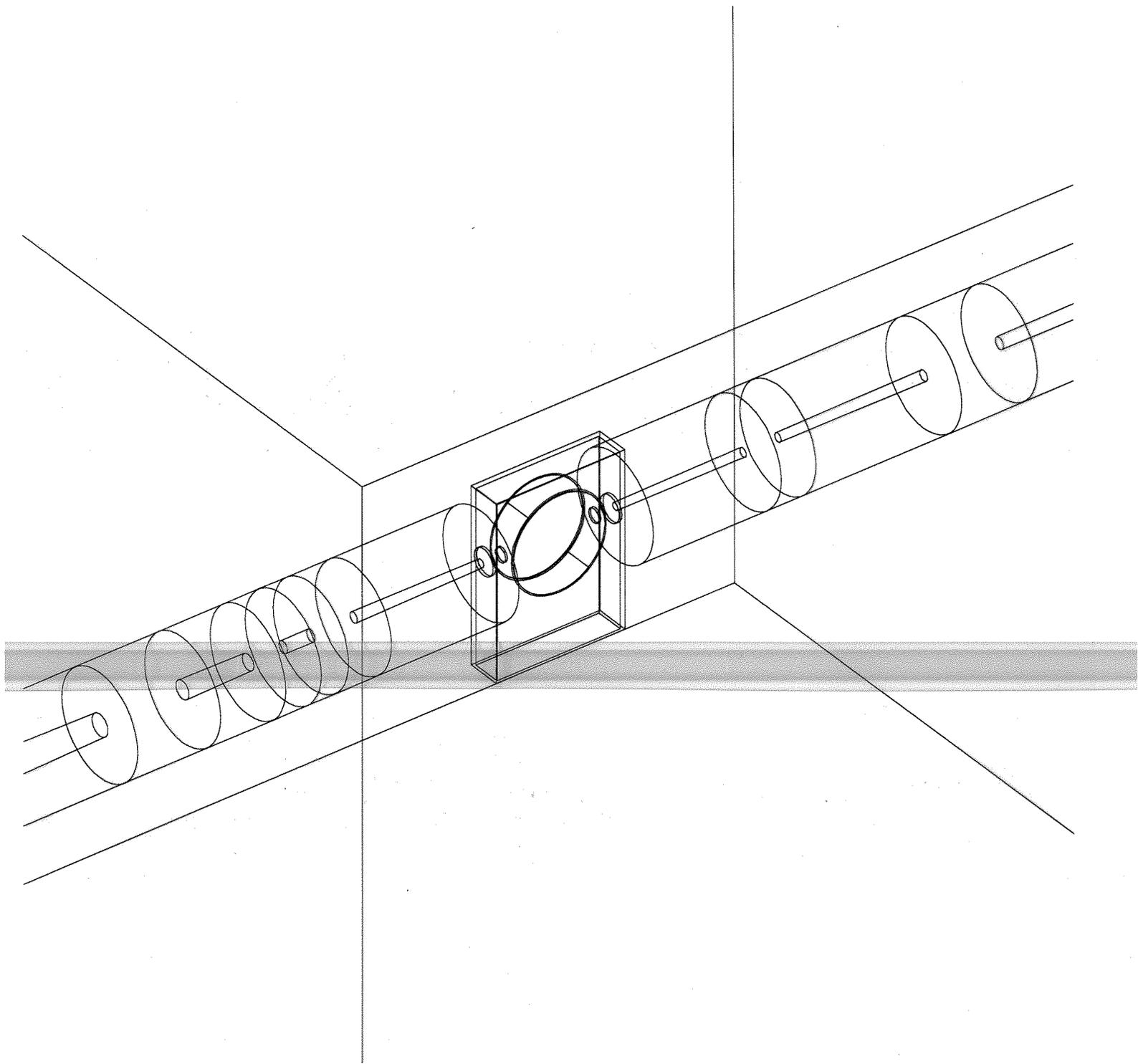
- Resonant states described as fundamental particles:

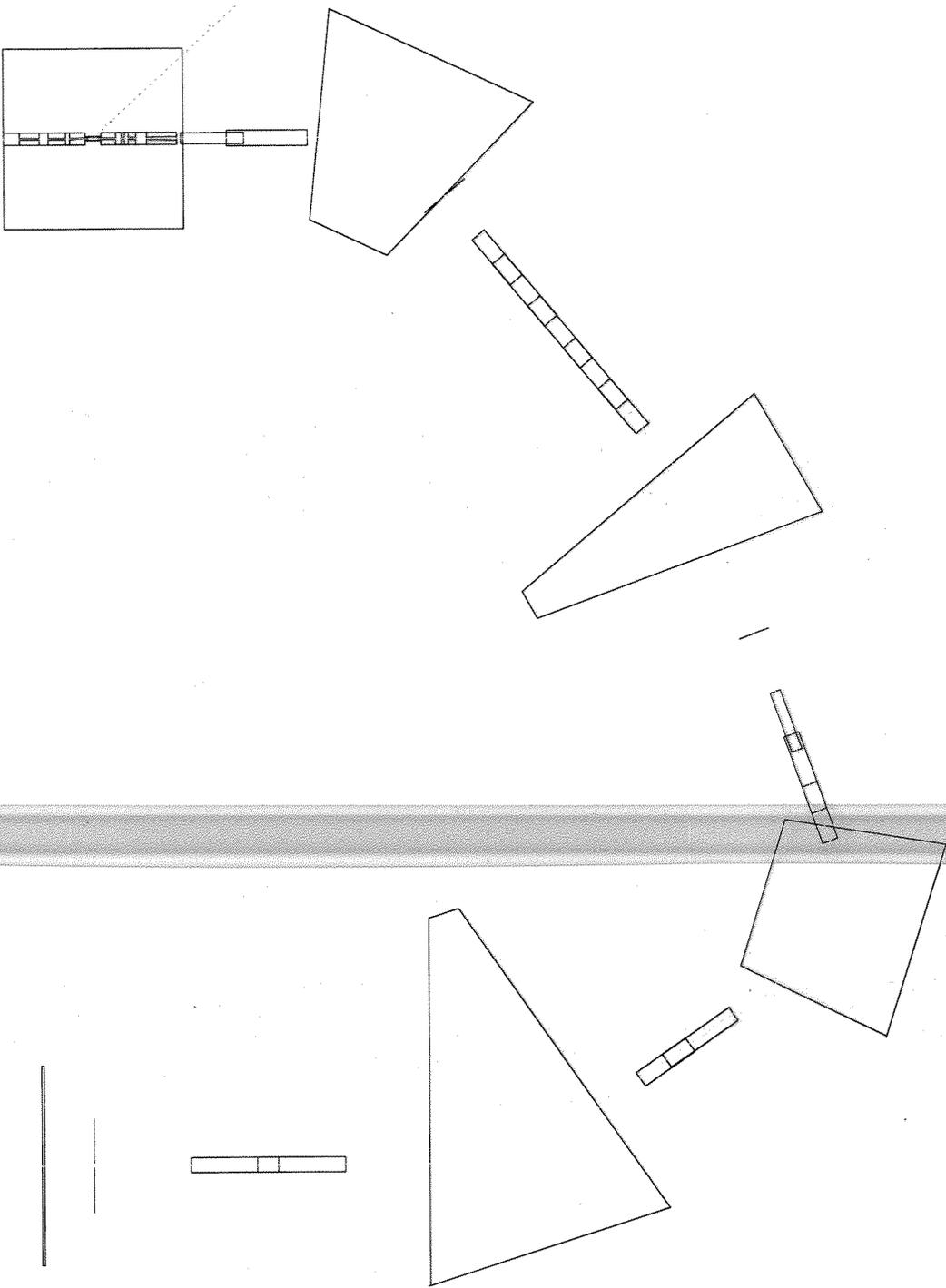


....only valid for narrow resonances,
conservation of energy violated.









Requirements:

- 1. Addition of new BGO array setup.**
 - mainly debugging (inclusion of correct variables and common blocks)
- 2. New reaction event generation method to include broad resonances and direct capture.**
 - difficult, requires development and testing with reference to real data
- 3. Inclusion of cascade angular distributions**
- 4. Final detector description (DSSSD and Ion chamber)**
 - straight forward GEANT volume development
- 5. Contaminant simulation**
 - as (2.)

