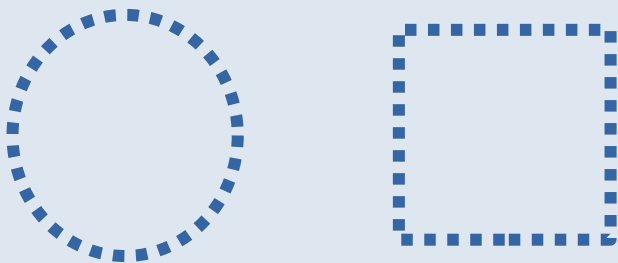
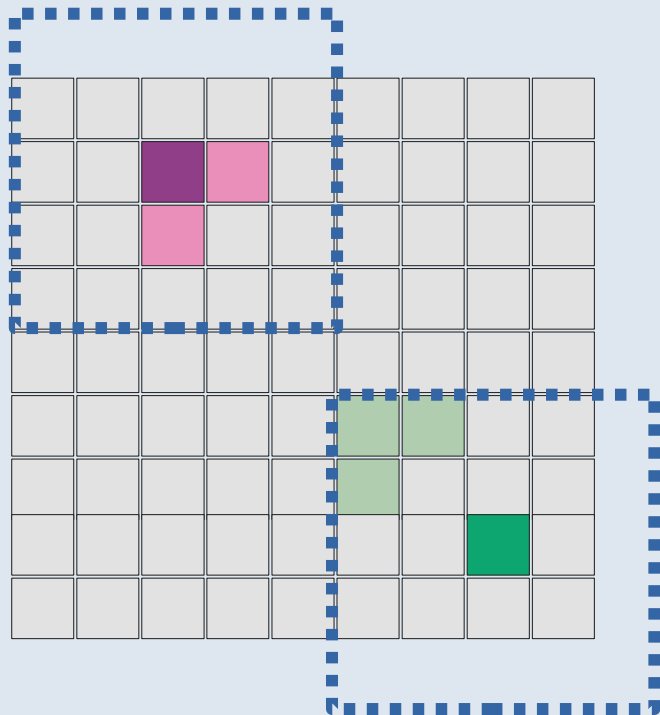


**User defines shape and size of cluster:**



and set energy threshold for single crystals



**Sort the hit list by energy:**

3.1 MeV
2.2 MeV
2.0 MeV
1.5 MeV
0.7 MeV
0.5 MeV
0.3 MeV

1. Create cluster centered around first hit
2. Loop over all hits in list
  - if hit inside cluster add it and remove it from the list
3. Do this procedure until list is empty