



# Exercise 7: Flair plots

FLUKA Beginner's Course

# Exercise 7: Flair plots

## **Aim of the exercise:**

1- Plot energy deposition

2- Plot fluence

3- Plot residual nuclei

# Exercise 7: Flair plots

- ❑ Create the "ex7" directory
- ❑ Download `ex7.flair` and `ex7.inp` from the web into the `ex7` dir
- ❑ Run the simulation using Flair (Run tab -> Run)
- ❑ Process the scoring files (Run tab -> data tab > Process)
- ❑ Plot the merged files (plot tab)

Experimental area:

- Try adding notes to the flair tab of the plots and geometry
  - Try to use also the geometry editor for USRBIN plot
- \*hint: use existing layers

# Exercise 7: Flair plots

## Extra credits:

- Try creating a new 3D layer with usrbin
  1. Go to geometry -> layers. Click the '+' icon and create a new layer named 3dusrbin
  2. Click <add> and add a 3D and an Usrbin option
  3. Go to the Usrbin and select your scoring file 'ex7\_usrbin\_40'