



Exercise 5: Flair plots

FLUKA Beginner's Course

Exercise: Flair plots

Aim of the exercise:

- 1- Plot energy deposition
- 2- Plot fluence
- 3- Plot residual nuclei

Exercise: Flair plots

- ❑ Create the "ex5" directory
- ❑ Download from [ex05_Plots](#) the [ex.flair](#) and [ex.inp](#) from the web or the USB stick into the [ex5](#) 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

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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 'ex_40.bnn'