

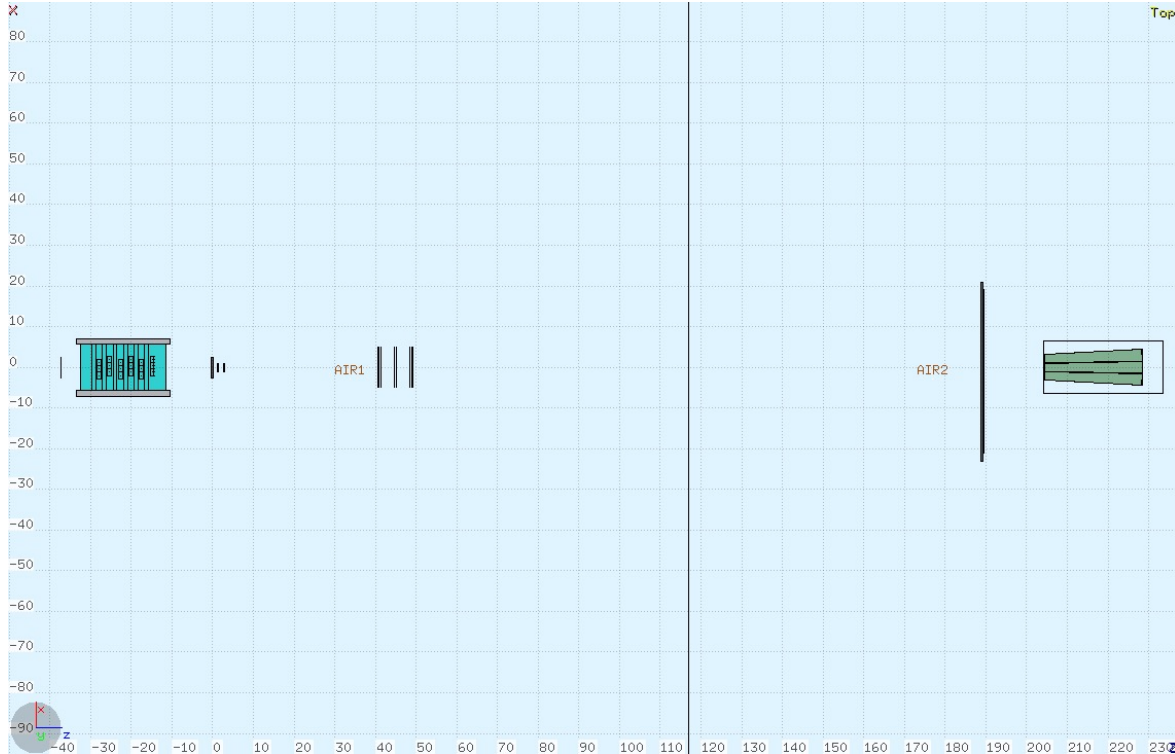


New GSI2021 simulation

G.B., S.M.

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Updated layout



Using just the [newgeom branch](#), for the moment, the geometrical layout of **GSI2021_MC** campaign has been updated according to the survey performed in cave A (as from the document uploaded in the Elog)

We have considered for the moment the case with all detectors centered in the XY plane (400 MeV/u runs)

Gaussian beam with $\sigma_x = 2.3$ mm
 $\sigma_y = 1.5$ mm

First production

Samples of “untriggered” simulation files have been uploaded on tier3 in

`/gpfs_data/local/foot/Simulation/GSI2021_MC`

`16O_C_400_n_shoereg.root n=1,2,3,4,5`

^{16}O @ 400 MeV/u on C target: 10^6 primaries each file

(to be processed with `-exp GSI2021_MC -run 400`)

No e.m. transport activated at this time, while waiting for checks

Plans

If checks ok: new simulation with also e.m. transport activated

- Simulation of 200 MeV/u run (geometry with SC+BM+VTX displaced in the X view)
- Calorimeter at 2° and 4°