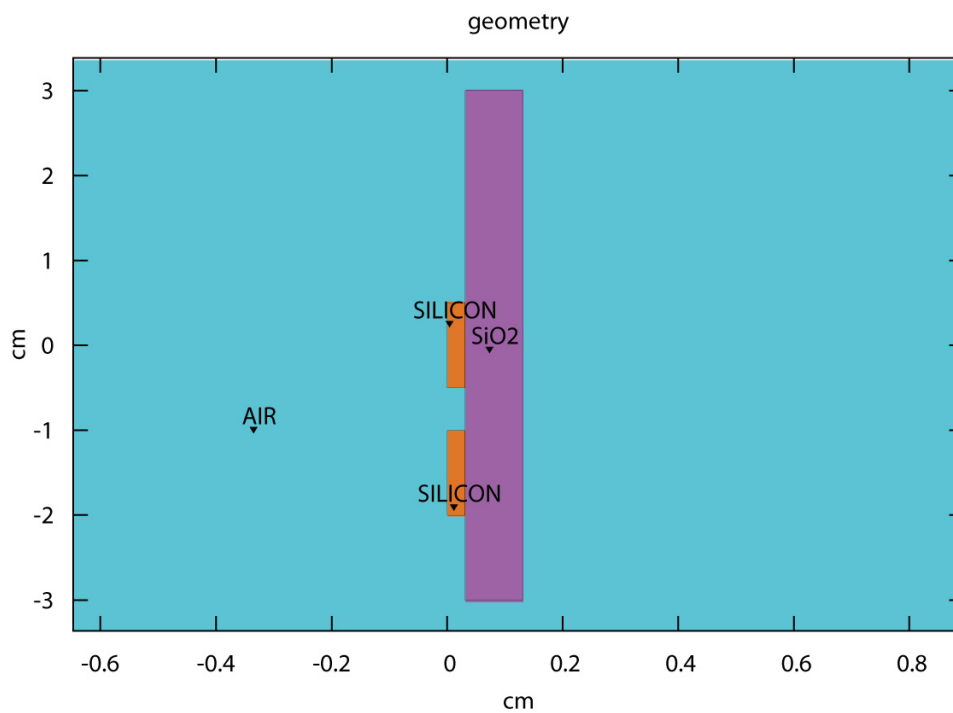


LANL setup simulation

Simulation of the proposed LANL setup (by Heinz Vincke):

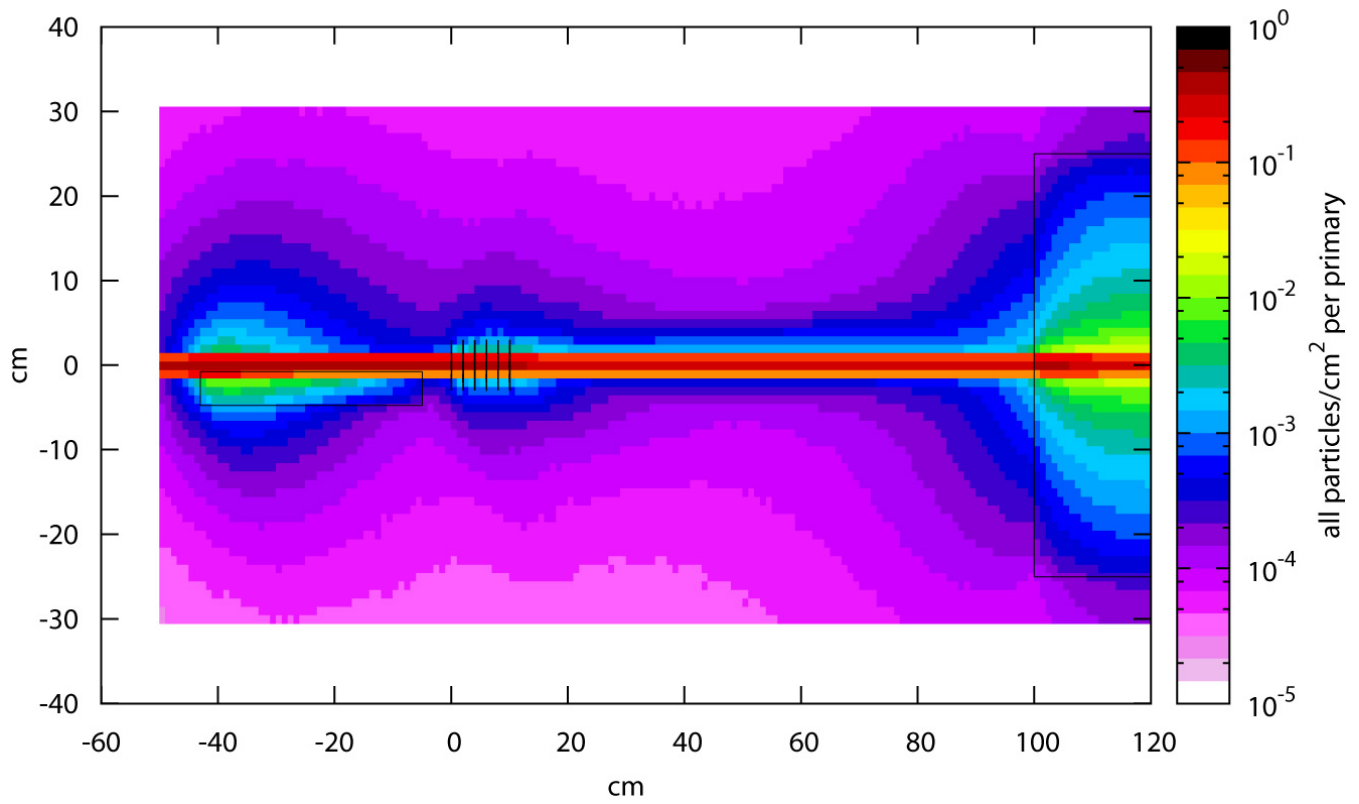
We assumed a 800MeV circular proton beam with uniform distribution ($r=1\text{cm}$)

- General layout: [layout-material-1.jpg](#)



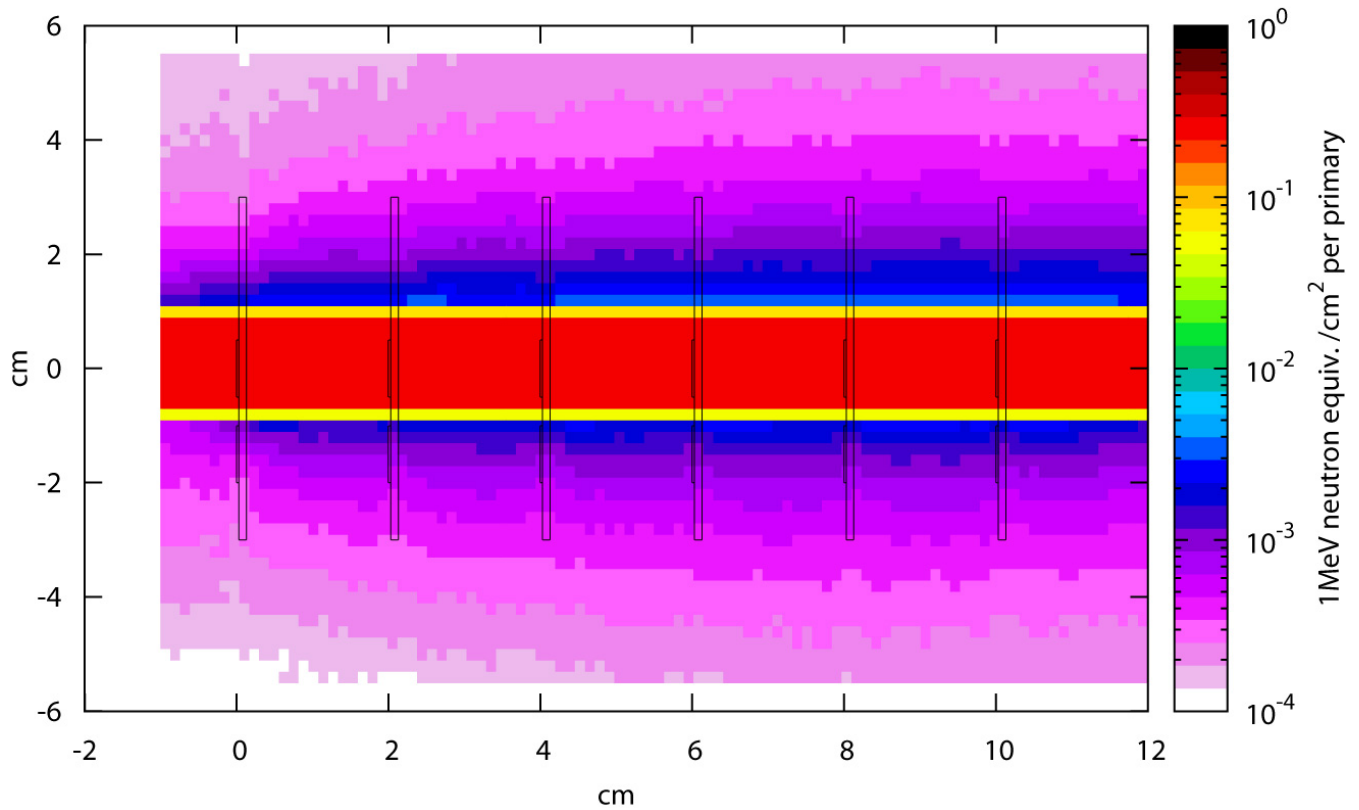
- PCB layout:
- All particle fluence per incident proton:

Plot #5

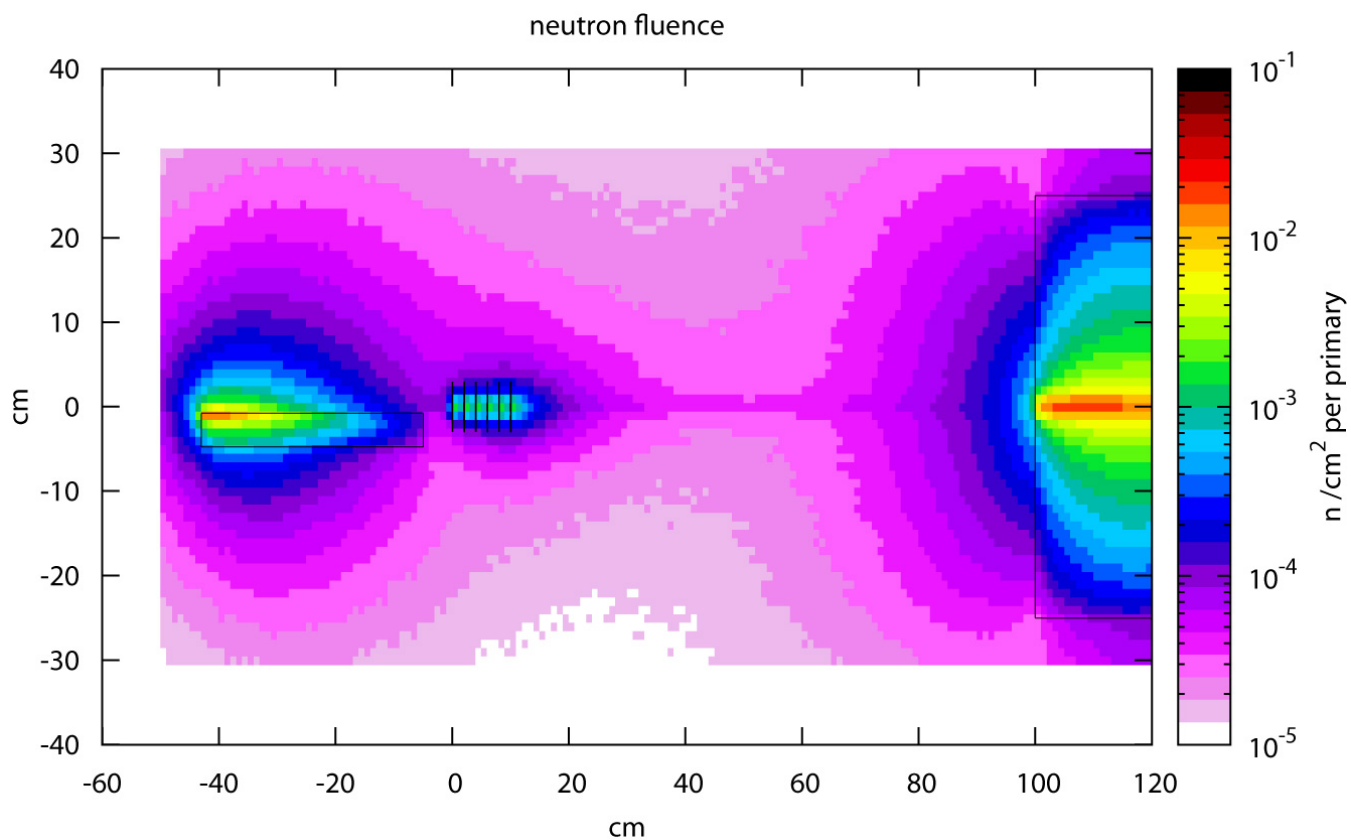


- 1MeV n eq per incident proton:

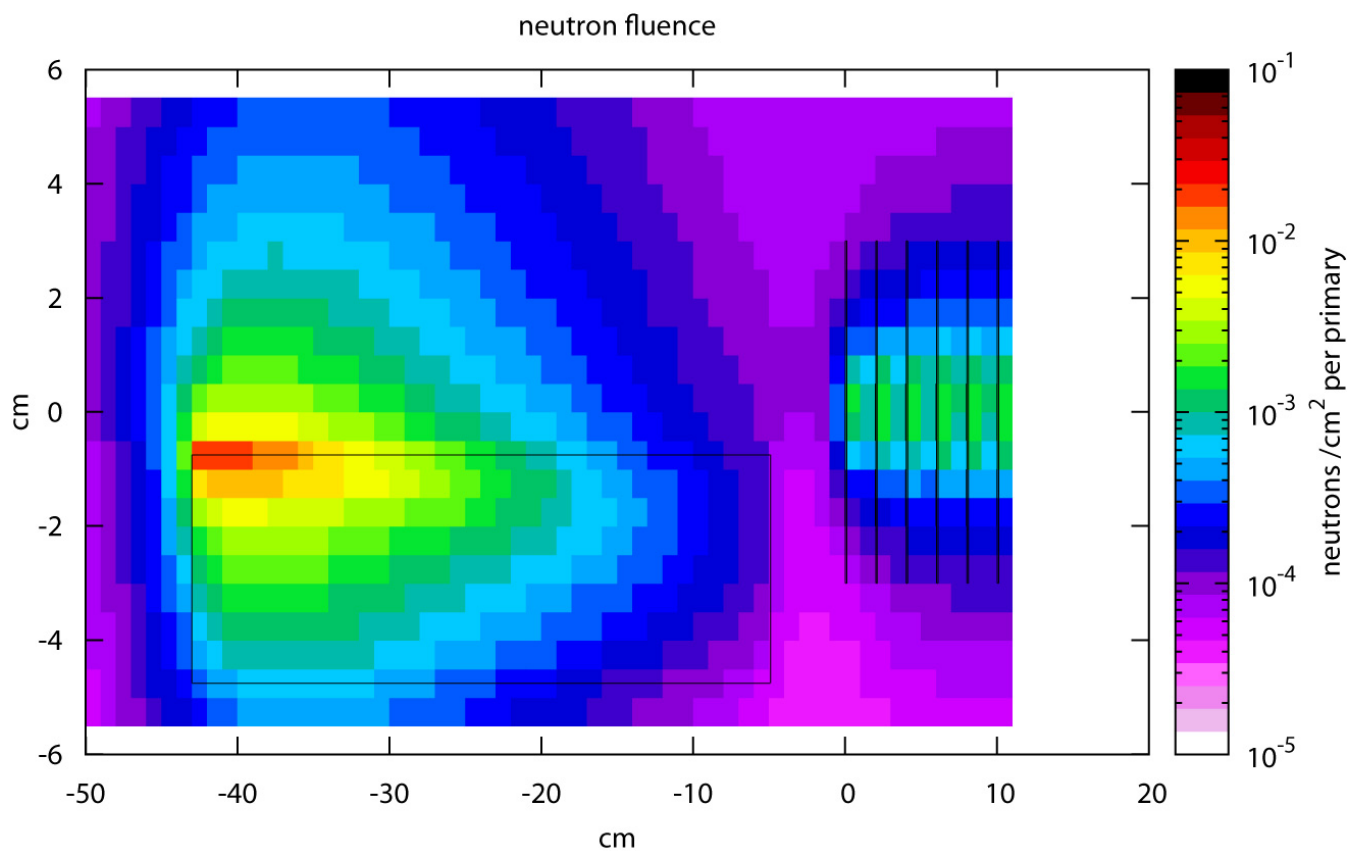
1MeV neutron equiv.



- Neutron fluence per incident proton (I):



- Neutron fluence per incident proton (II):



- Neutron fluence per incident proton (III):

