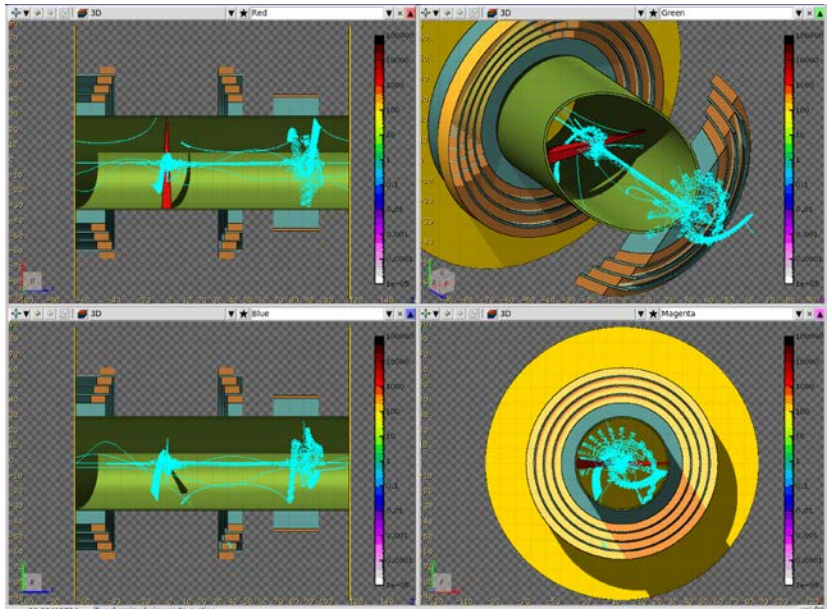
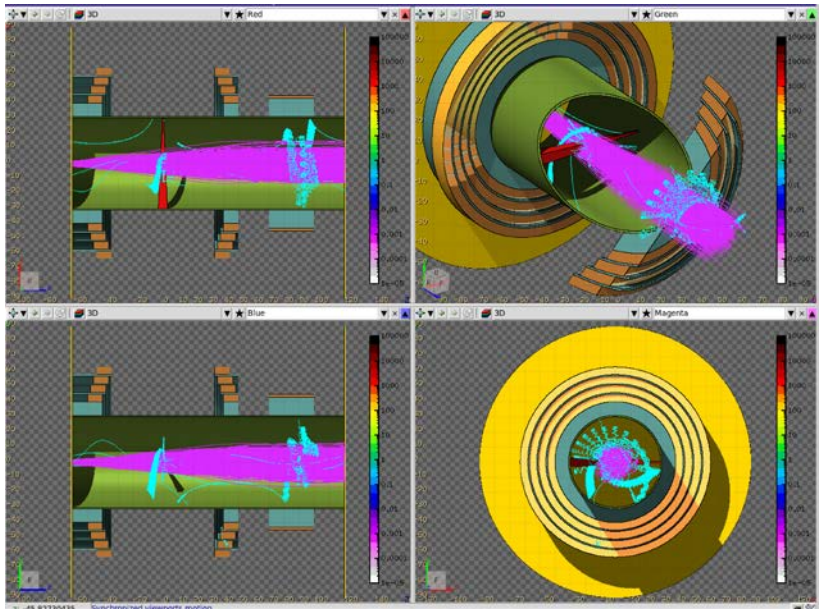
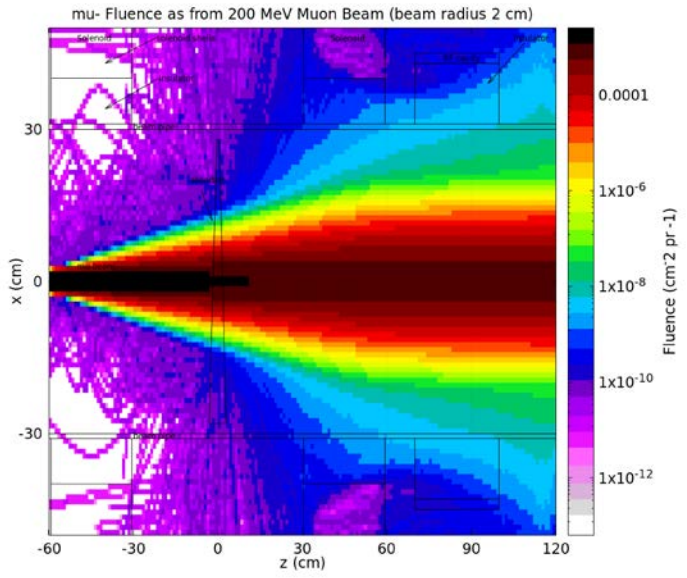
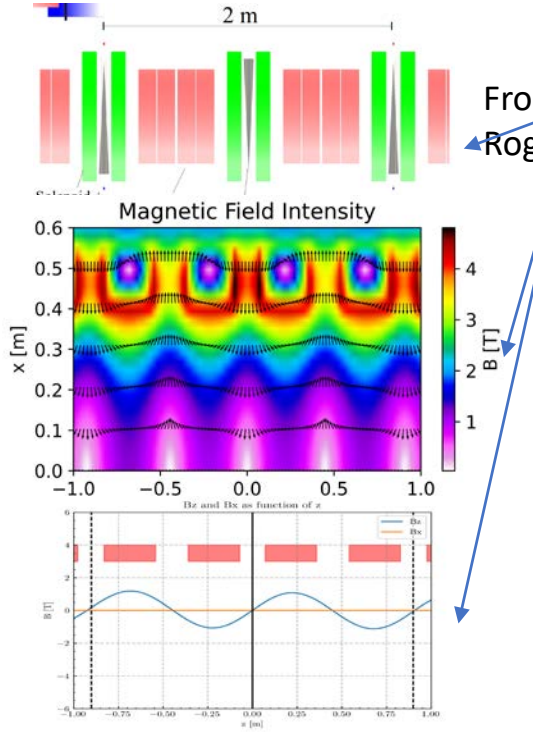
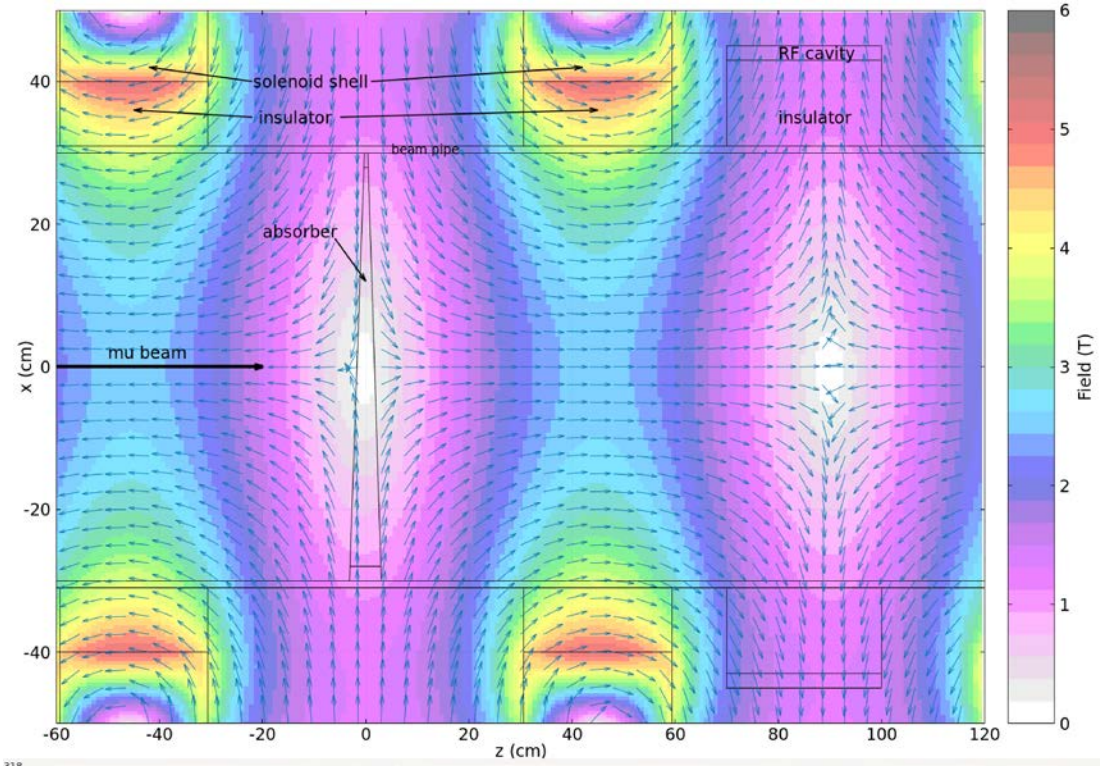






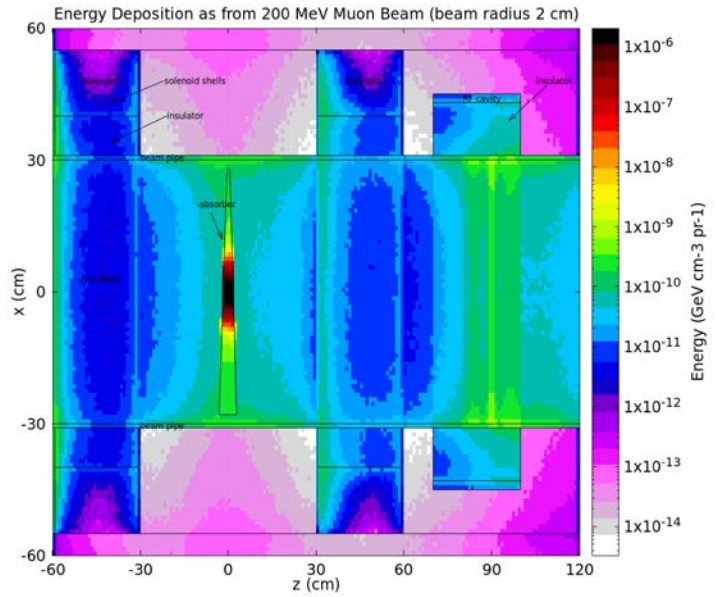


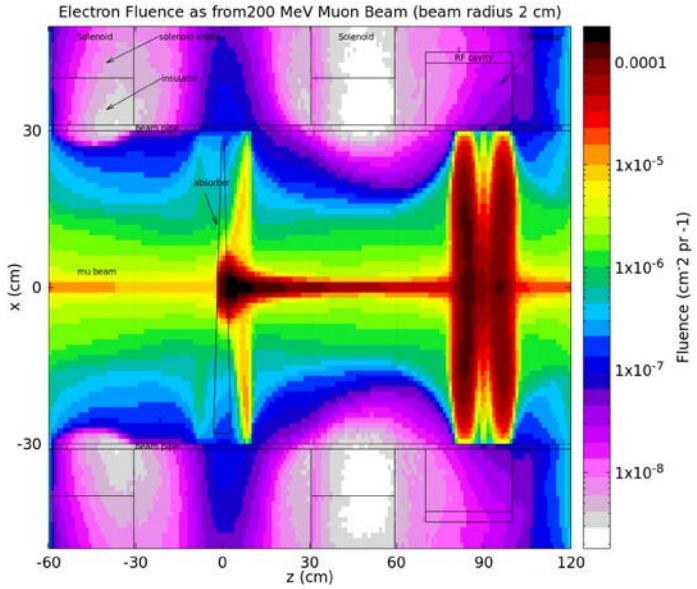
From Chris Rogers

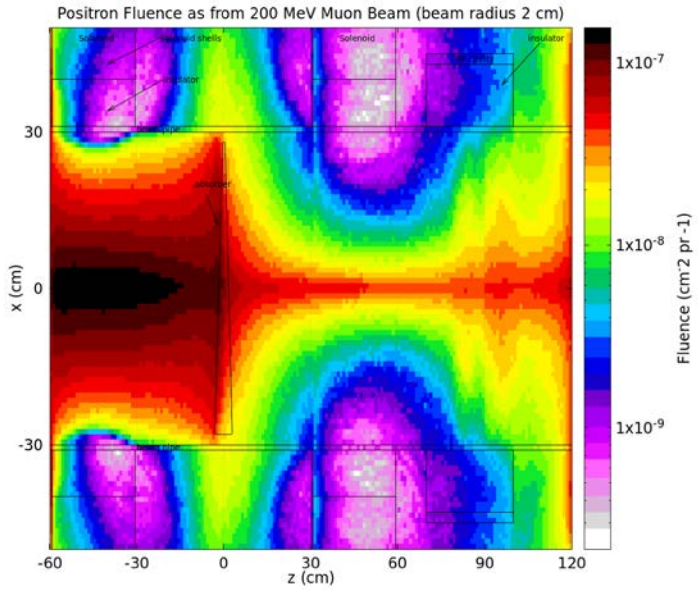


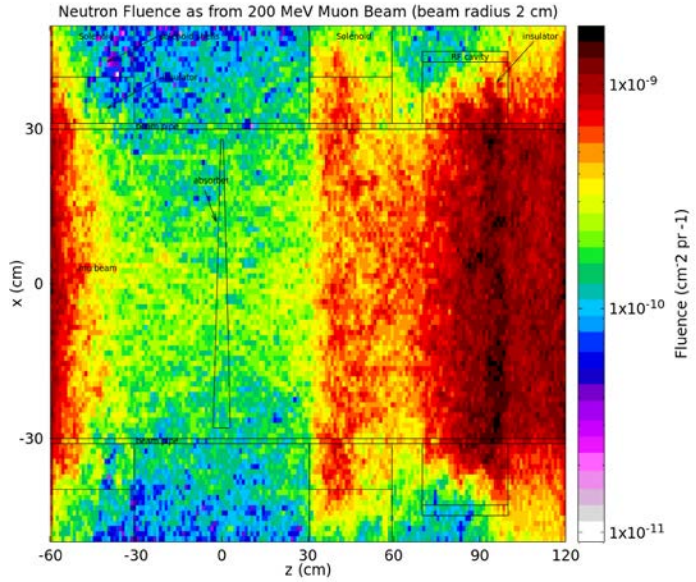
With Reinjection

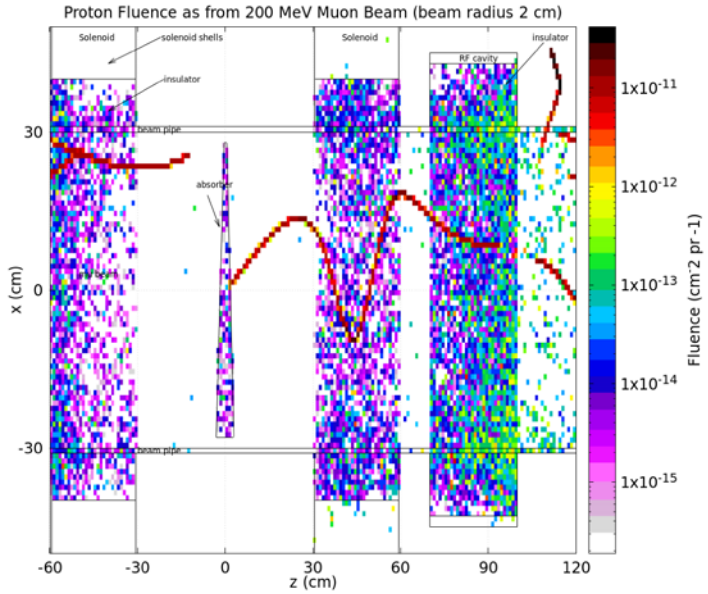
200 MeV muon beam; Beam radius = 2 cm; Divergence = 100 mrad Bin dimension 1x1x1 cm3. cut off 100 keV 10^8 primary



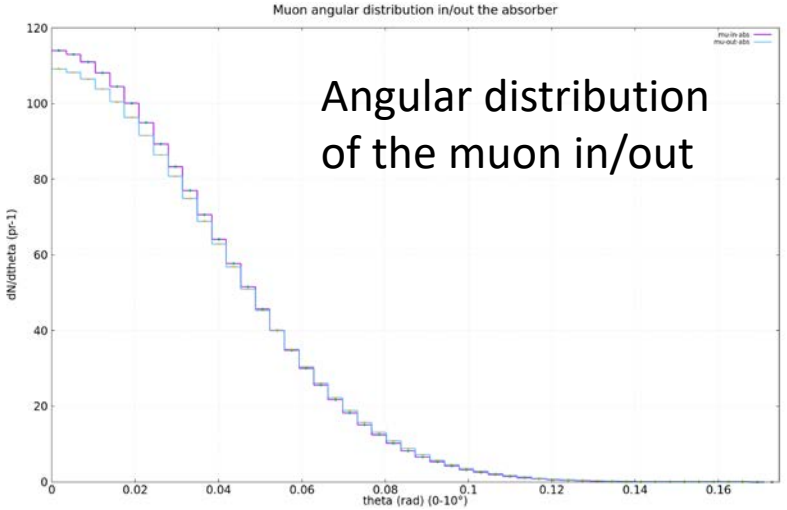




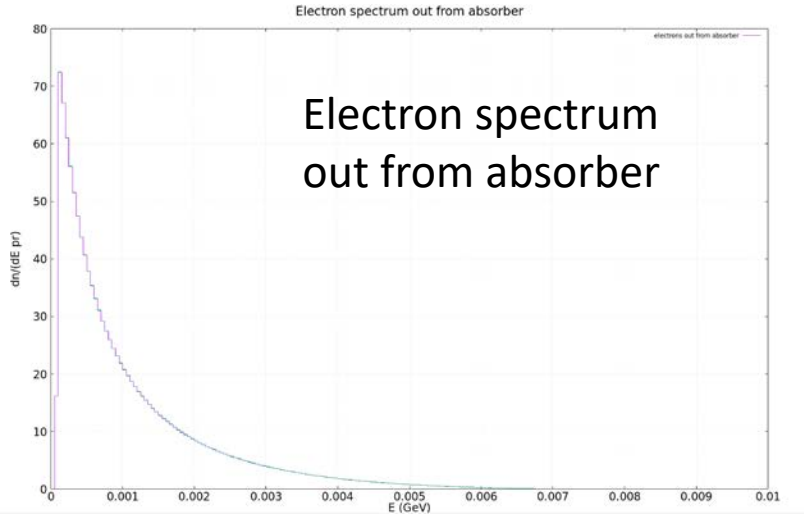




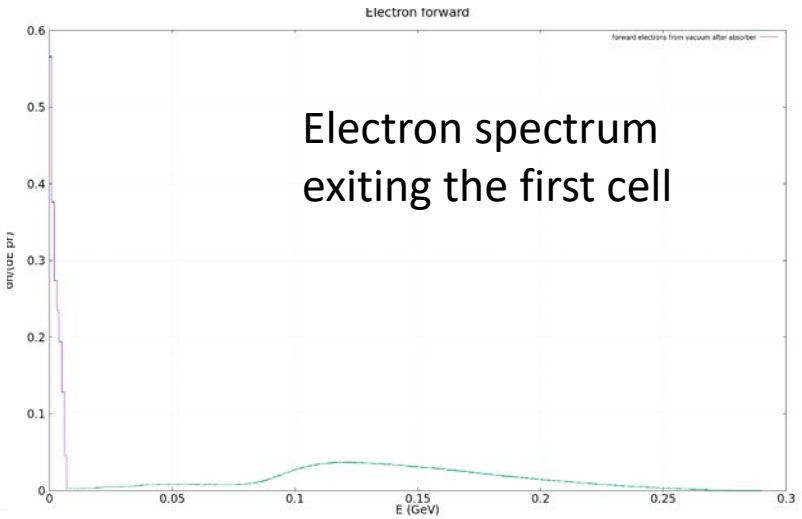
200 MeV muon beam; Beam radius = 2 cm; Divergence = 100 mrad Bin dimension 1x1x1 cm3. cut off 100 keV 10^8 pr



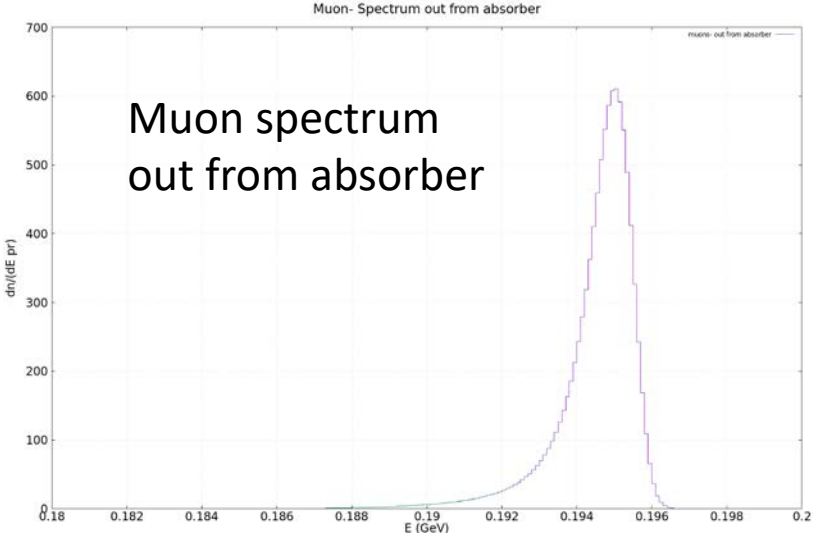
Angular distribution of the muon in/out



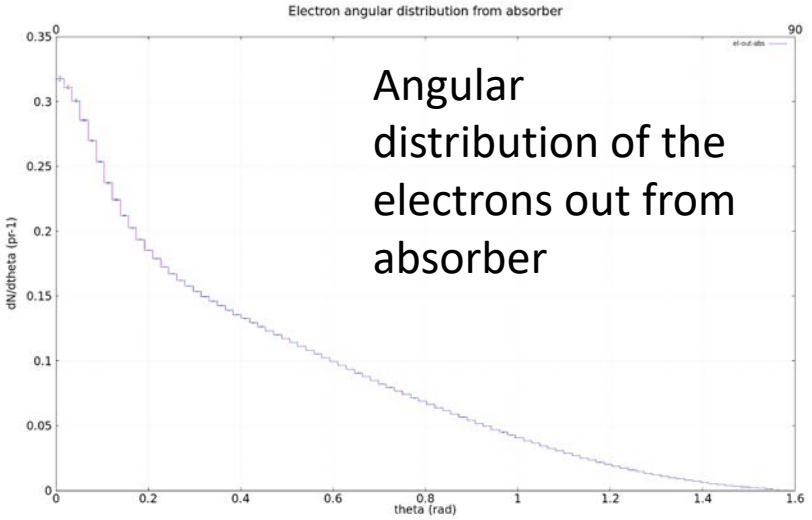
Electron spectrum out from absorber



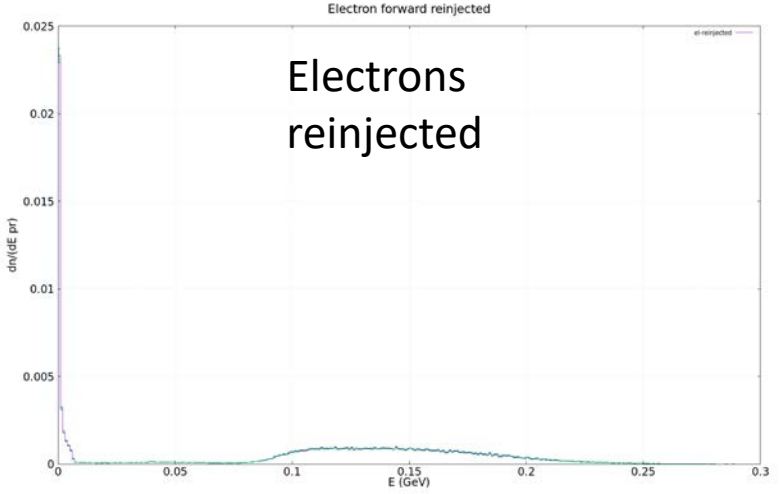
Electron spectrum exiting the first cell



Muon spectrum out from absorber

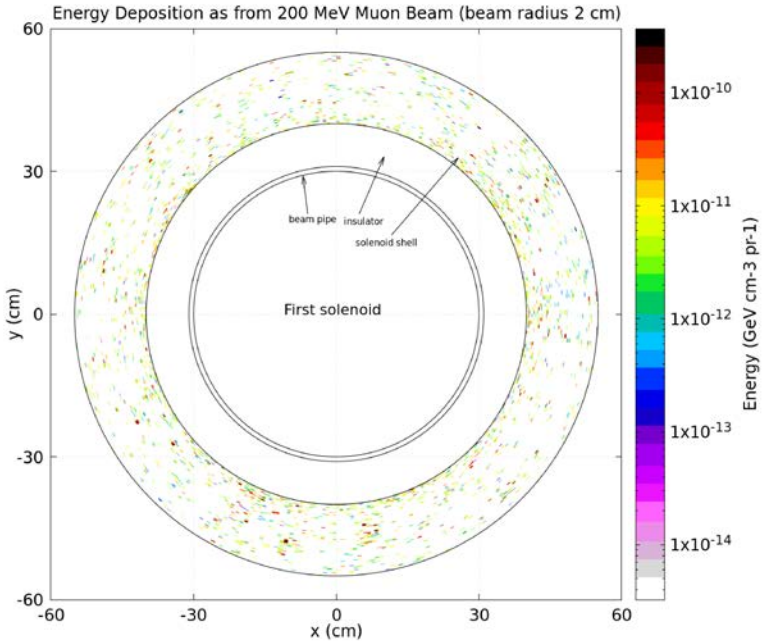


Angular distribution of the electrons out from absorber

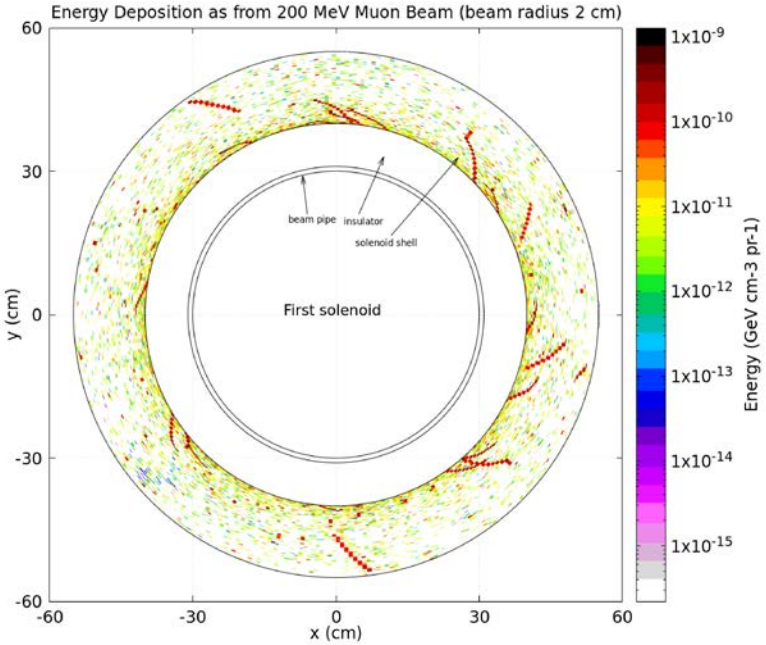


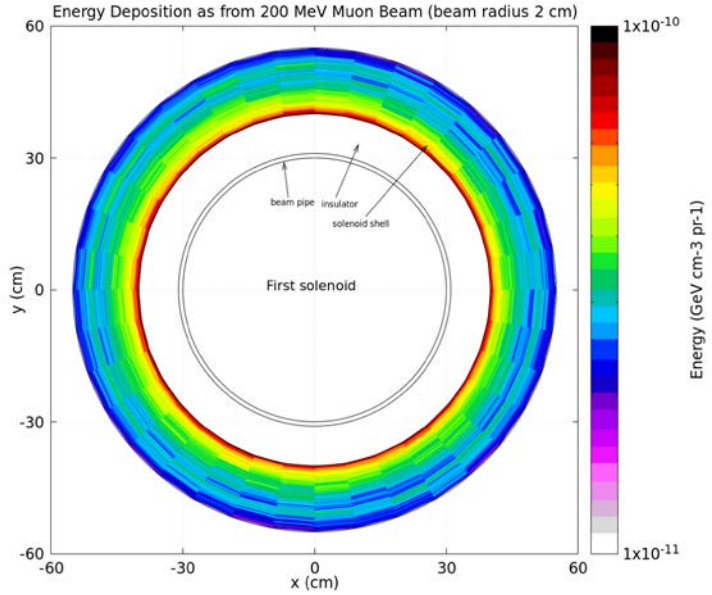
Electrons reinjected

Energy deposition (200 MeV muons,100 mrad divergence, 10^8 pr)

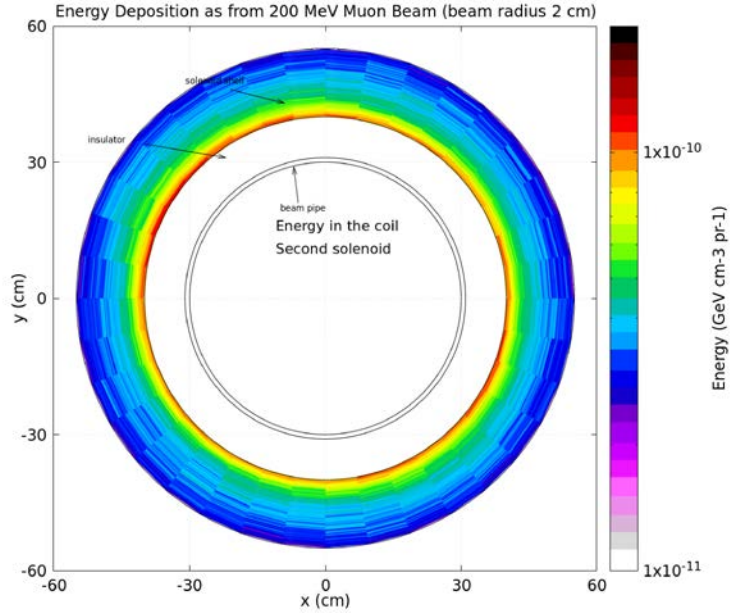


Poor statistics





Better statistics



Region	Region volume (cm^3)	Energy (GeV/pr)	Power (W)*	error (%)	Average Power Density (mW/cm^3)*	Peak Power (mW/ cm^3)*	Peak Power error (%)	Dose (Gy/year)(**)	Years to 10 MGy (**)
Absorber	6.7E+03	5.49E-03	440.6	1					
Sol1	1.28E+05	4.40E-06	3.53E-01	0.3	2.74E-03	0.007	3.8		
Sol2	1.28E+05	5.68E-06	4.55E-01	0.2	3.54E-03	0.010	4.3		
RF cavity	1.66E+04	2.70E-06	2.17E-01	0.4	1.31E-02				
Sol1 insulator	5.76E-4	1.65E-06	1.32E-01	0.5	2.30E-03			7.7E+04	130
Sol2 insulator	5.76E-4	7.44E-07	5.96E-02	0.9	1.03E-03			3.5E+04	288
Rf insulator	8.37E+04	7.33E-06	5.87E-01	0.2	7.02E-03			2.4E+05	43

* For 10^{14} primary muons per beam pulse, 5 pulses/s

** Continuous 24/24 - 7/7 operation