

Detailed FLUKA Model



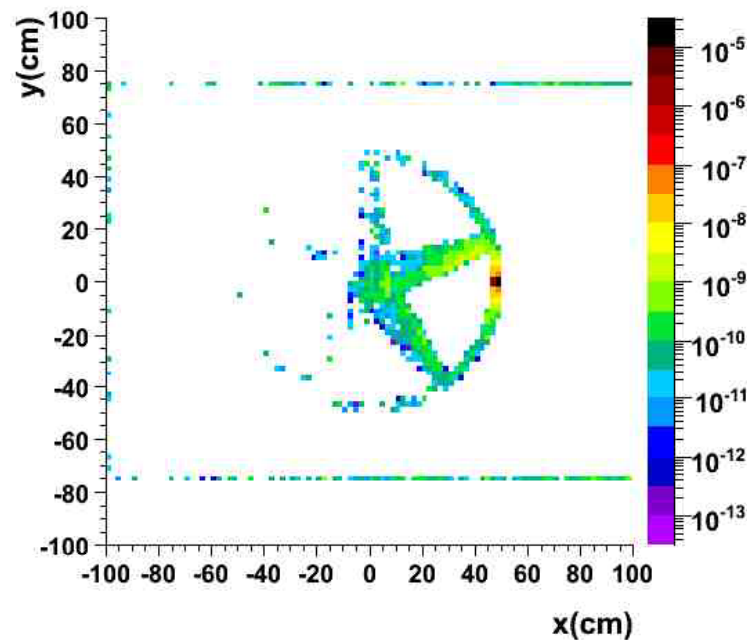
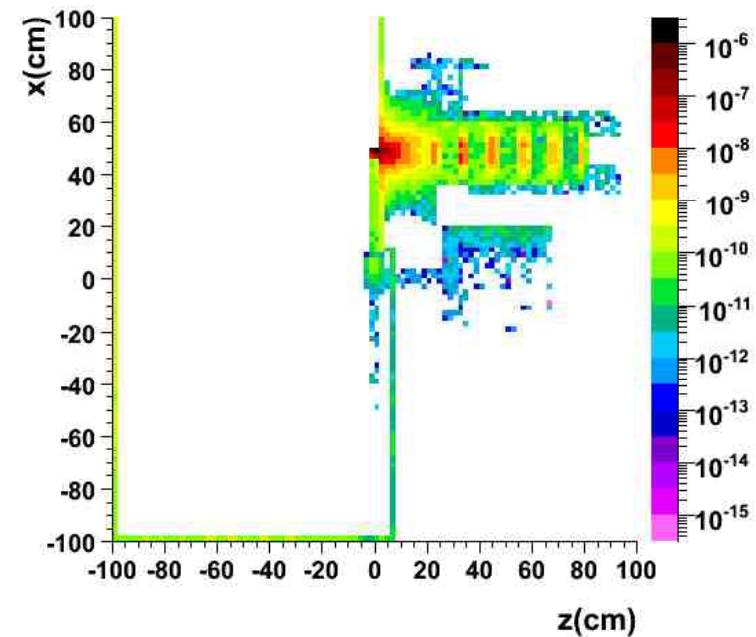
Jim Clarke

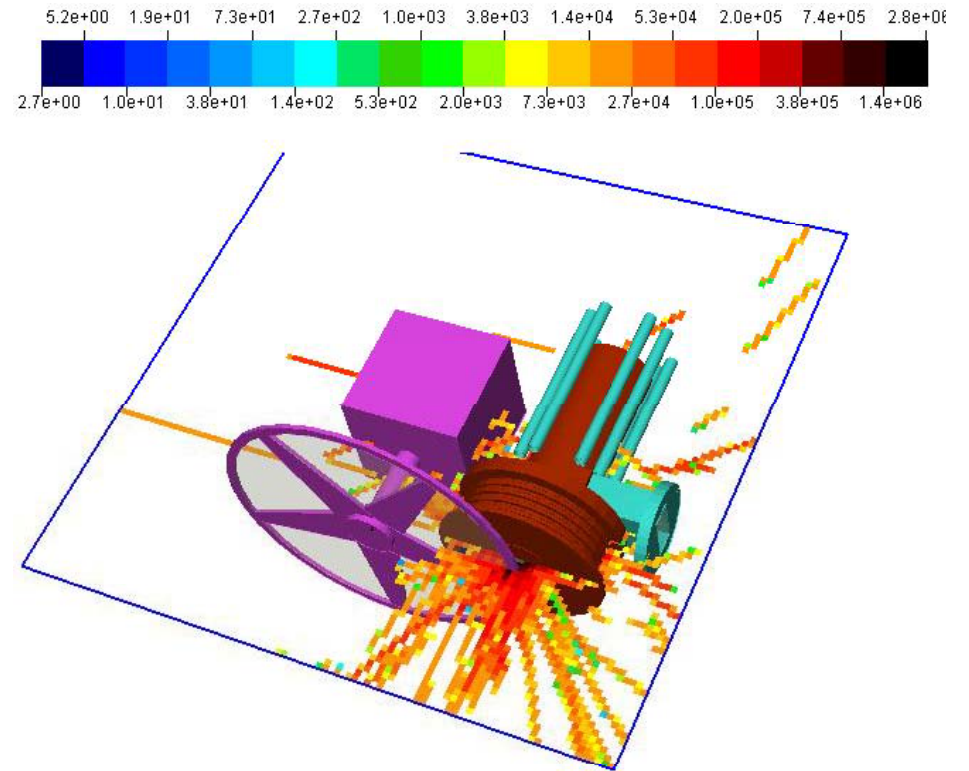
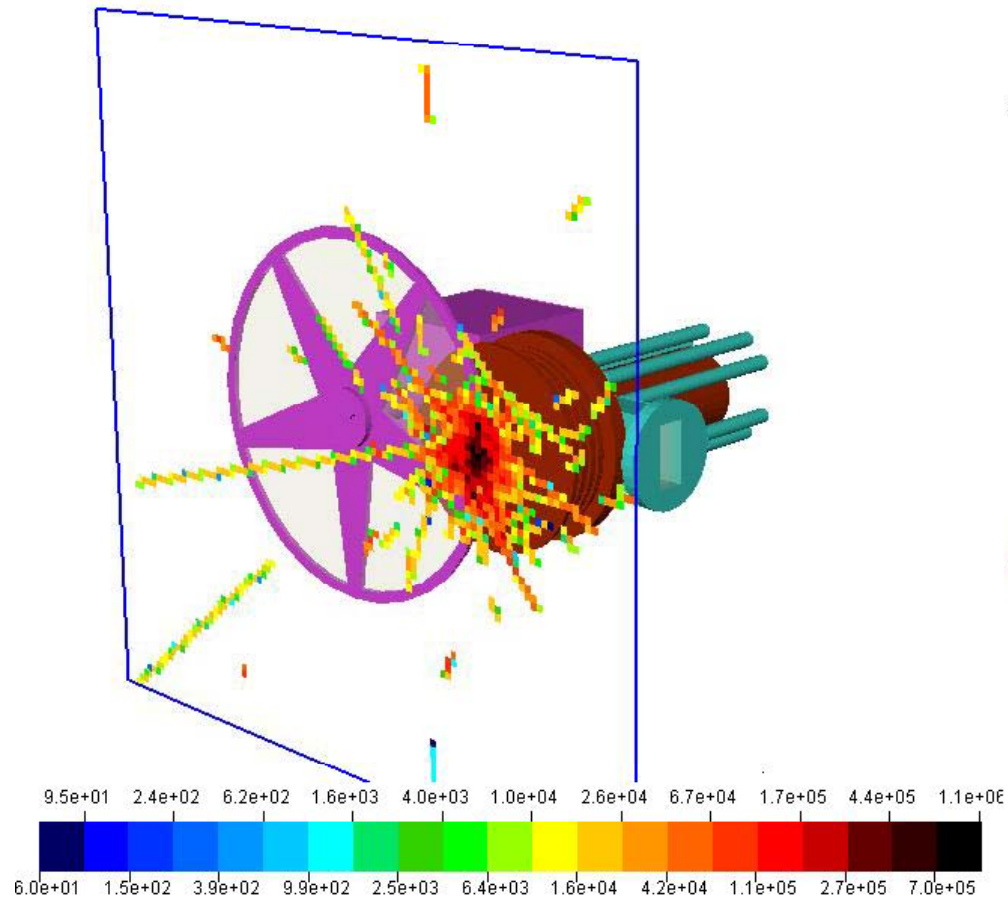
**on behalf of Luis Fernandez,
ASTeC,
Daresbury Laboratory**

Positron Source Team Meeting

22nd July, 2008

- Detailed FLUKA model of target region developed some time ago by Luis
- Has now been run with mono-energetic (10 MeV) incoming pencil beam

energy density ($\text{GeV}/\text{cm}^3/\text{primary}$)energy density ($\text{GeV}/\text{cm}^3/\text{primary}$)



- What is the next step?
 - Realistic photon beam?
 - Comparison with DESY results first?
 - ...