


























test.inp: MC, N = { 1000, 10000, 100000 }

		MC, N = { 1000, 10000, 100000 }	
Set the defaults for precision simulations			
 DEFAULTS		PRECISIO	
Define the beam characteristics			
 BEAM		Beam: Energy	E: 2.47
p: Flat		p:	: Flat
Shape (X): Rectangular		x:	Shape (Y): Rectangular
			Part: PROTON
			:
			Y:
Define the beam position			
 BEAMPOS		x:	y:
		cosx:	cosy:
			z: -50.
			Type: POSITIVE
 SOURCE		#1:	#2:
sdum:		#4:	#5:
			#6:
 OPEN		Unit: 80 ASC	Status: OLD
		File: flu.dat	
 GEOBEGIN		Log:	Acc:
Title:		Inp:	Out:
			Opt:
			Fmt: COMBNAME
Black body			
 SPH		blkbody	x: 0.0
			y: 0.0
		R: 100000.0	z: 0.0
Void sphere			
 SPH		void	x: 0.0
			y: 0.0
		R: 10000.0	z: 0.0
Cylindrical target			
 RCC		target	x: 0.0
		Hx: 0.0	y: 0.0
			z: 0.0
		R: 5.0	Hz: 10.0
 END			
Black hole			
 REGION		BLKBODY	Neigh: 5
expr: +blkbody -void			Volume:
Void around			
 REGION		VOID	Neigh: 5
expr: +void -target			Volume:
Target			
 REGION		TARGET	Neigh: 5
expr: +target			Volume:
 END			
 GEOEND			
..+...1...+...2...+...3...+...4...+...5...+...6...+...7..			
 ASSIGNMA		Mat: BLCKHOLE	Reg: BLKBODY
		Mat (Decay):	to Reg:
		Step:	Field:

test.inp: MC, N = { 1000, 10000, 100000 }

 ASSIGNMA	Mat: VACUUM	Reg: VOID	to Reg:
	Mat (Decay):	Step:	Field:
 ASSIGNMA	Mat: VACUUM	Reg: TARGET	to Reg:
	Mat (Decay):	Step:	Field:
 PART-THR	Type: Energy	E: 0.0001	
	Part: PROTON	to Part:	Step:
 USRTRACK		Unit: 21 BIN	Name: FLU
	Type: Log	Reg: TARGET	Vol: =pi*25*10
	Part: PROTON	Emin: 1.E-4	Bins: 500.
Set the random number seed			
 RANDOMIZ	Unit 01	Seed: 1234.	
Set the number of primary histories to be simulated in the run			
 START	No.: 10.	Core:	
	Time:	Report: default	
 STOP			