

# Geometry Composer Report

**Date:** Tuesday, October 20, 2015 - 15:53:40  
**Description:** 220x bananas  
**Comment:** bags of charred bananas filing shielding of MIT1  
**File Name:** C:\GENIE2K\isocs\data\GEOMETRY\In-Situ\220x bananas.geo  
**Software:** ISOCS  
**Template:** CONE\_VIEWED\_FROM\_END, Version: (default)  
**Detector:** Dia=60mm\_Coaxial  
**Environment:** Temperature = 22 °C, Pressure = 760 mm Hg, Relative Humidity = 30%  
**Integration:** Convergence = 1.00%, MDRPN = 2<sup>4</sup> (16), CRPN = 2<sup>4</sup> (16)

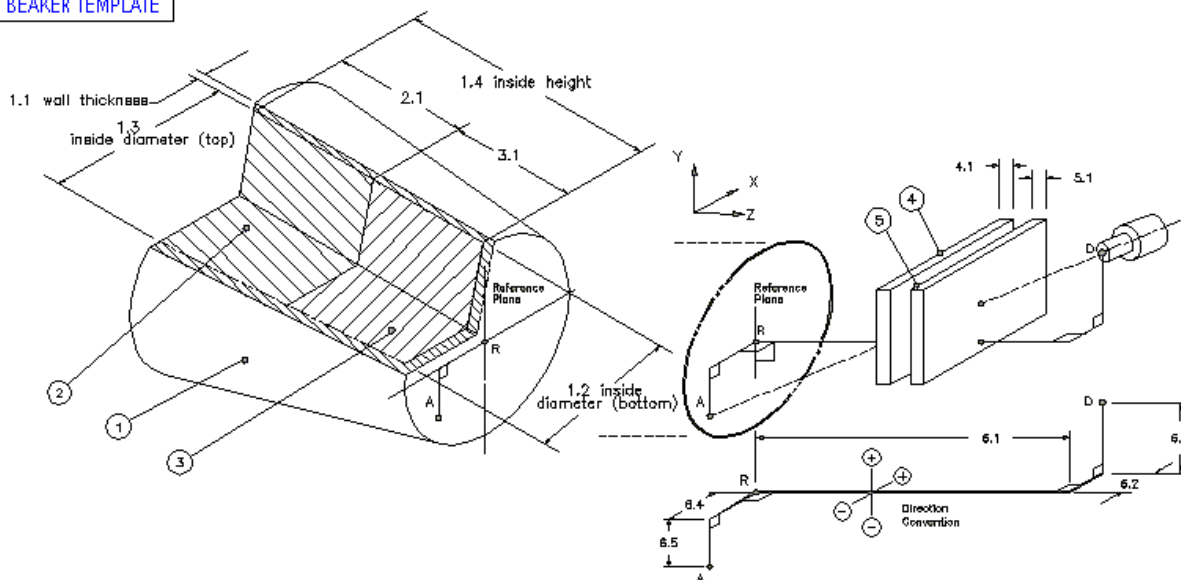
**Dimensions (cm)**

No.	Description	d.1	d.2	d.3	d.4	d.5	d.6	Material	Density	Rel. Conc.
1	Beaker	0.01016	27.94	27.94	31.75			hpolyeth	0.95	
2	Top Layer	0						none		
3	Bottom Layer	31.75						charcoal	0.36	1.00
4	Absorber1	0.2						acrylic	1.2	
5	Absorber2							none		
6	Source-Detector	0.2	0	0	0	0				

**List of energies for efficiency curve generation**

45.0      60.0      80.0      100.0      150.0      200.0      300.0      500.0  
700.0      1000.0      1400.0      2000.0

**BEAKER TEMPLATE**



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