

sidaug05_scinthcal

This is a variant of the Silicon Detector modelled as of July 31, 2005, to be used for detector studies at Snowmass.

Please see [sidaug05](#) for details of the baseline geometry.

The compact description of this detector in xml format can be found at http://www.lcsim.org/detectors/sidaug05_scinthcal.zip .

What follows is a plain text description of the file compact.xml found in this zip file.

The only change has been to the hadron calorimeter readout. Scintillator has replaced the RPC's.

Hadron calorimeter:

The hadron calorimeter is a Steel/Scintillator sampling calorimeter.

It is composed of 34 layers of

material	thickness
Steel235	2.0cm
Polystyrene	0.5cm
G10	0.3cm