

There are 14 Leakage Detectors:

One underneath each detector:

EMEC, HEC1, HEC2 \Rightarrow 3

One on each side (left, right) of each detector \Rightarrow 6

Two behind EMEC and HEC1 (one left, one right)

One in the very back (one left, one right) \Rightarrow 5

14

This allows it to subdivide the leakage energy into global groups of “left”, “right”, “bottom”, “back”

How to find out which leakage detector is where:

$$\text{Leak.Det.ID} = 5 * \text{calo} + 2 * \text{dir} + \text{iside} + 1$$

calo:	EMEC = 0	HEC1 = 1	HEC2 = 2
dir:	side = 0	down = 1	back = 2
side:	left = 0	right = 1	

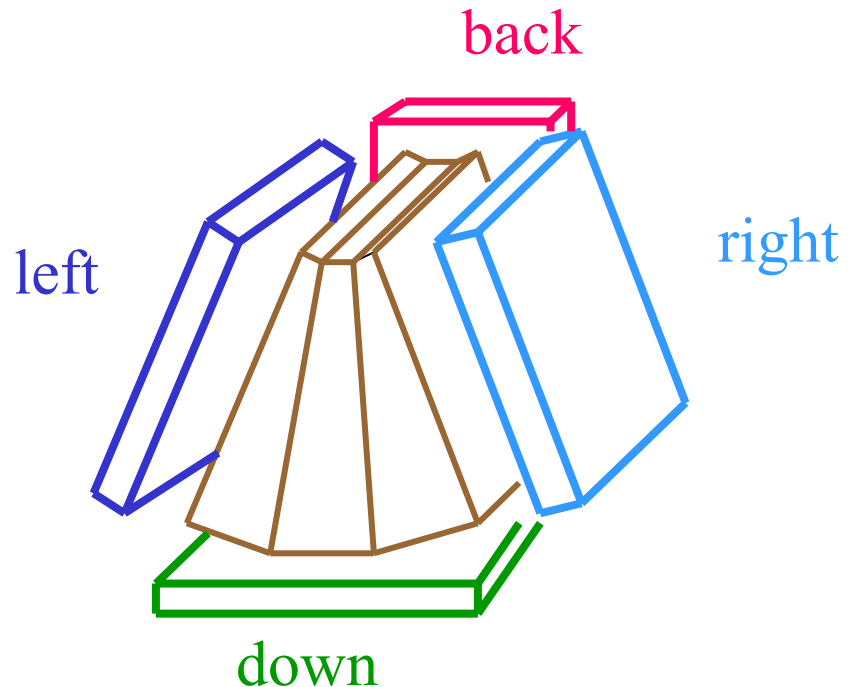
Leak.DetID < 15

and:

For dir=0: i=side

dir=1: i=0

dir=2: i=side-1



Location of individual
Leakage Detectors
(schematic,
NOT to scale!)

