

Detector Geometry Parametrisation

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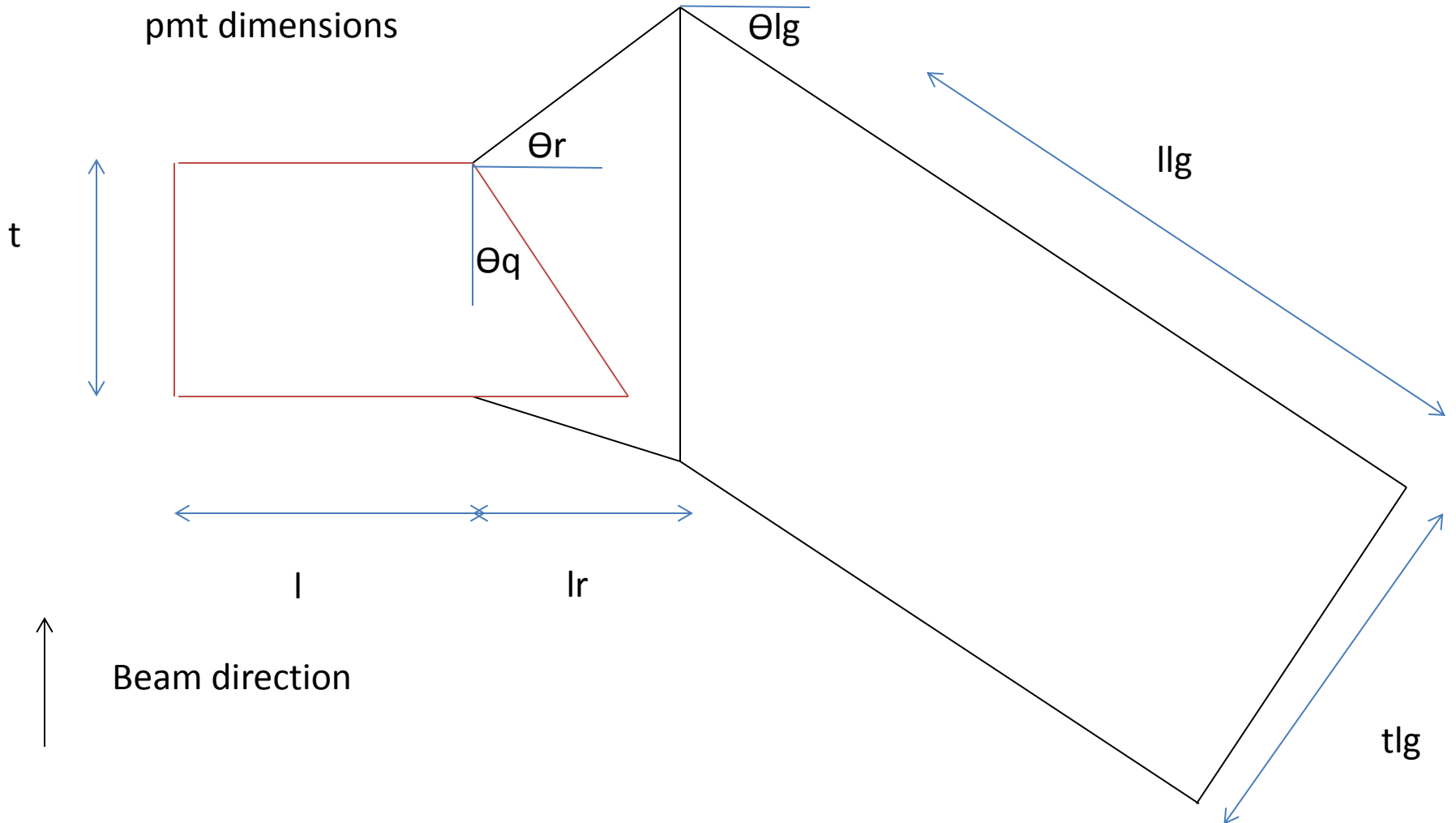
Goal

- Parametrize detector geometry in gdml.
- Make parametrization script able to read csv file containing value of parameters for each detector in a ring .

Dimension Parameters

Yet to add
reflector and
pmt dimensions

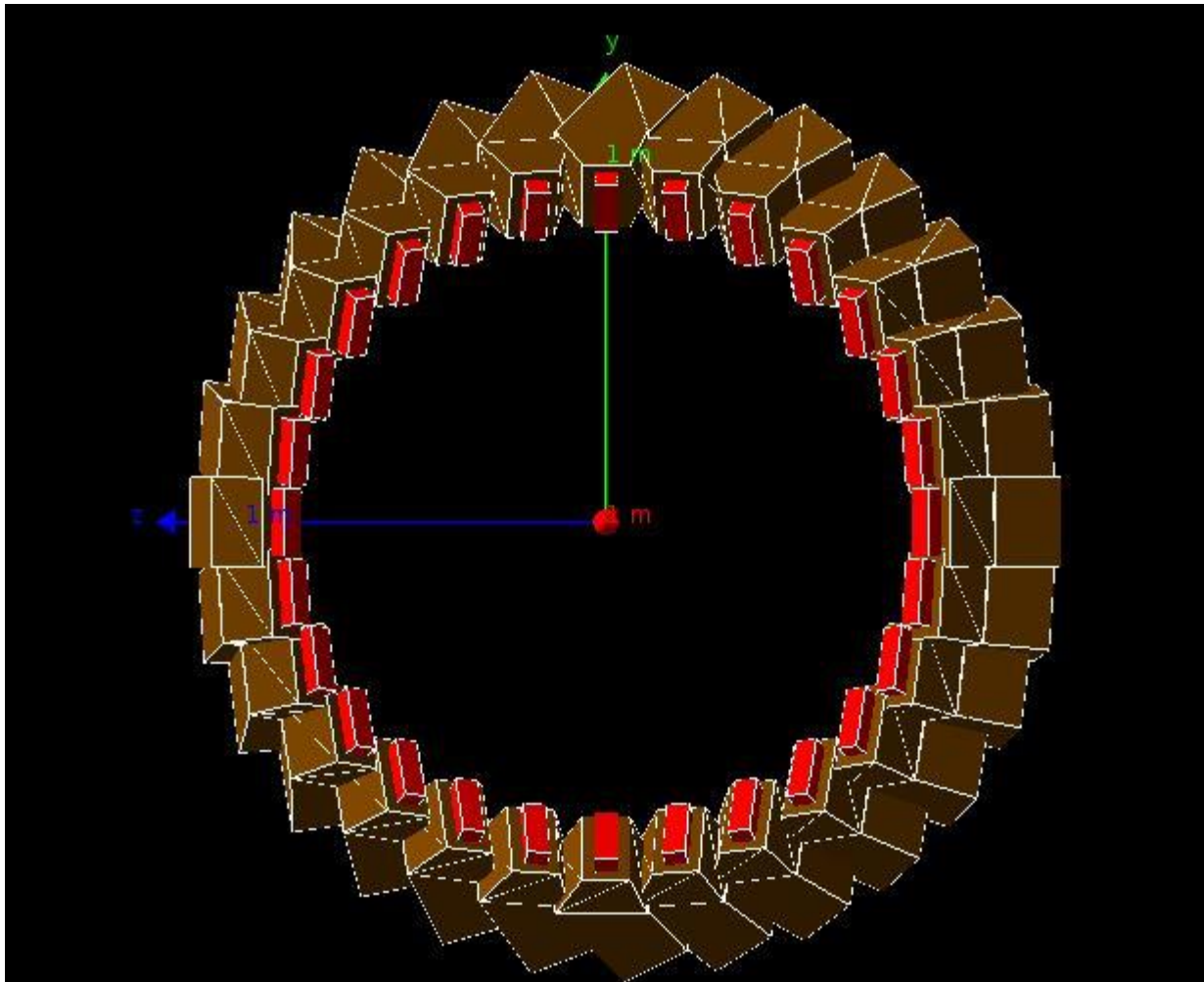
Wall thickness?



Position Parameters

- Cylindrical coordinates
- Tilt angle of detector along beam direction
- Detector Index

Extra degree of freedom for rotation
about body axis added.



Extra degree of freedom for thickness
of quartz added.

Only the depth
dimension
remains.

