

# **Background measurements with ISMRAN set up in a non-reactor environment** R.Dey<sup>a, b,</sup> \*, R. Sehgal<sup>a</sup>, S. P. Behera<sup>a</sup>, P. K. Netrakanti<sup>a</sup>, D. K. Mishra<sup>a, b</sup>, V. Jha<sup>a, b</sup>, L. M. Pant<sup>a, b</sup> <sup>a</sup> Nuclear Physics Division, Bhabha Atomic Research Centre, Mumbai, 400 085, India. <sup>b</sup> Homi Bhabha National Institute, Mumbai - 400094, India. \*Email:ronidey@barc.gov.in

(ISMRAN) [1][2].

related background will also be encountered inside the reactor hall. background to estimate their uncertainties.





Gadolinium Oxide coated on aluminized mylar foils.

 $\succ$  Three inch diameter, PMTs are coupled at the both ends of each PSB.

Cell8	Cell5	Cell2
Cell7	Cell4	Cell1
Cell6	Cell3	Cell0

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