

T3.2-P19. SiPIN efficiency calibration validation and direct measurement comparison with an HPGe detector

The newly developed SiPIN beta-gamma coincidence measurement system for Noble Gas monitoring systems produced by Lares Ltd. has been procured and tested by the PTS for OSI purposes. To assess its usability and sensitivity in the IMS Noble Gas network context the SiPIN detector was connected in parallel to the HPGe system at the test Noble Gas SPALAX system at VIC. The poster presents the results of the direct comparison as well as preliminary results of the calibration validation for the SiPIN system using radioxenon spikes and Monte Carlo simulations.

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