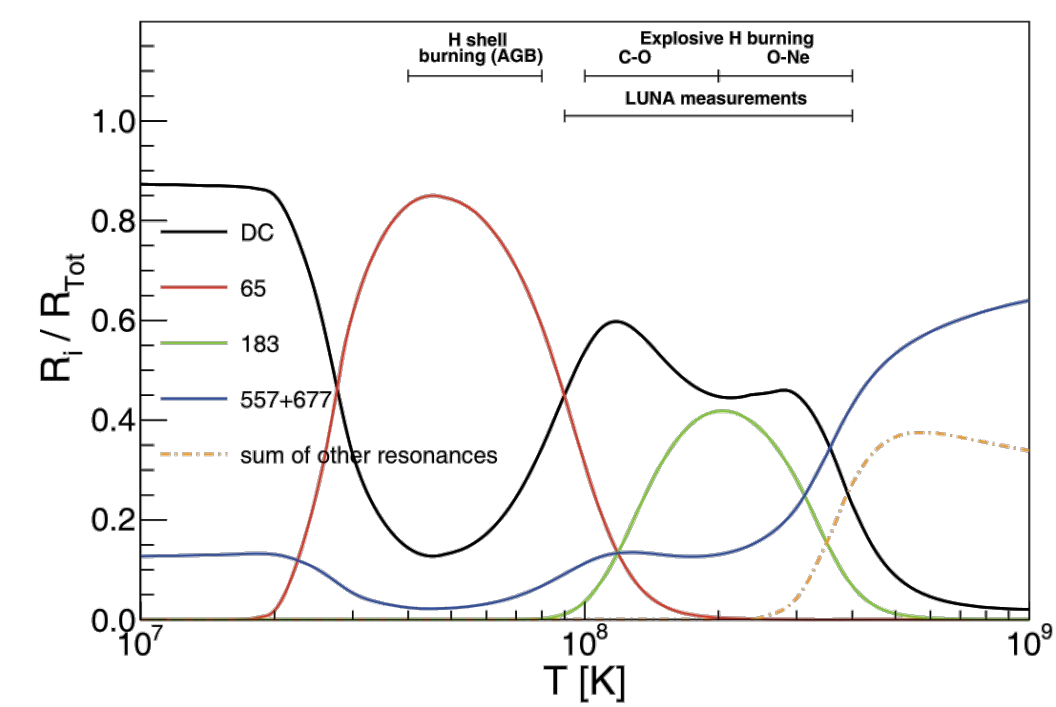


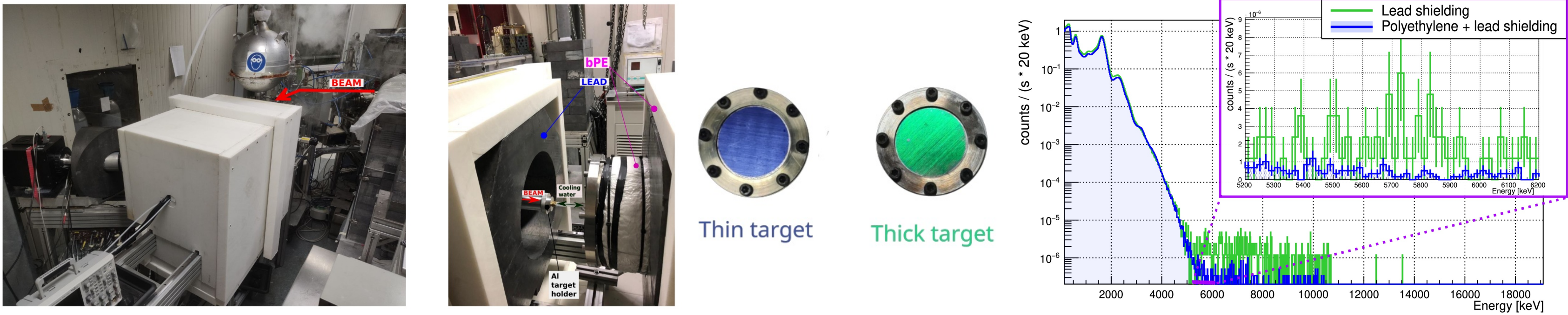
The first direct measurement of the 65 keV resonance strength of the $^{17}\text{O}(p,\gamma)^{18}\text{F}$ reaction at LUNA

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Astrophysical motivations

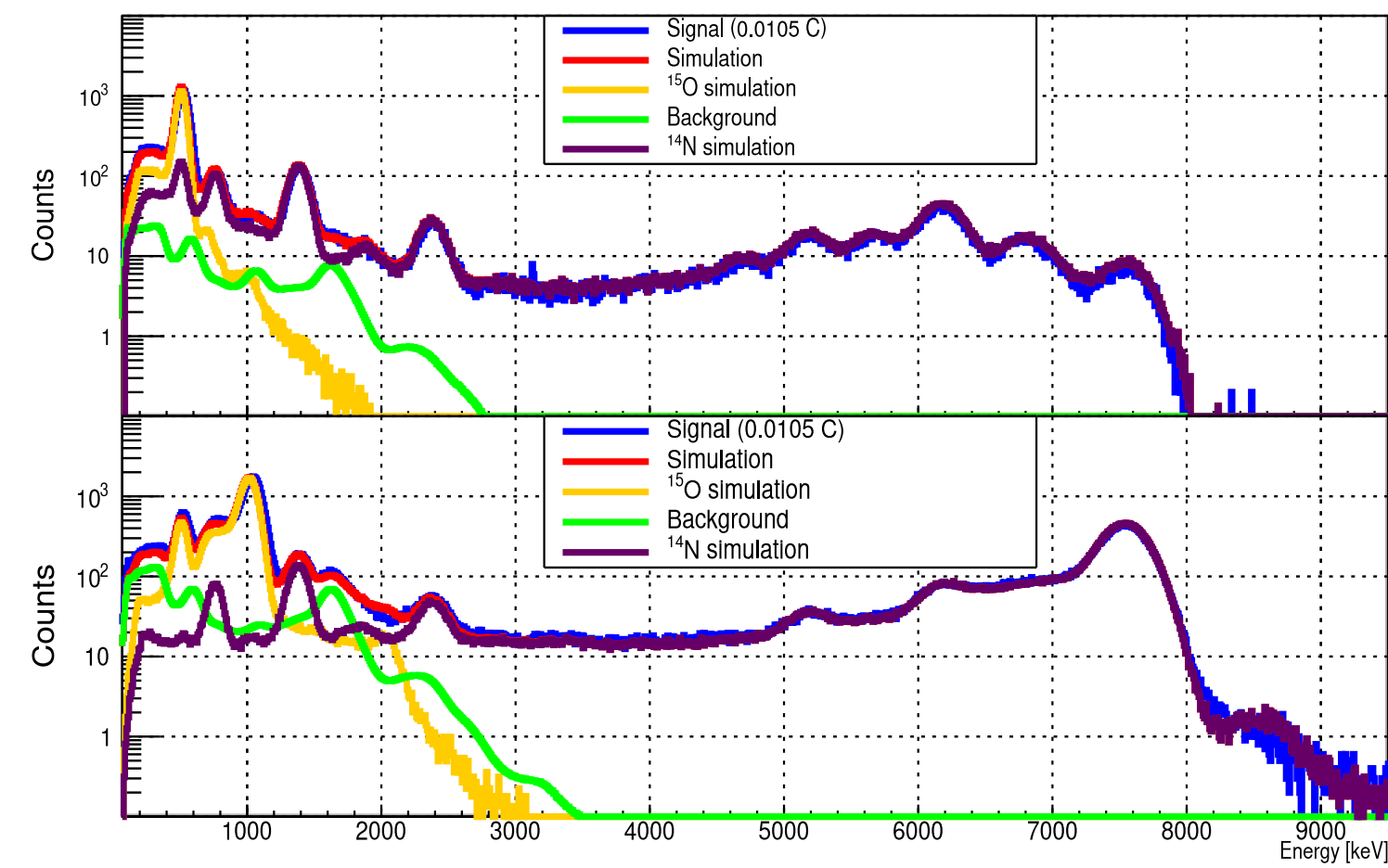


Experimental setup

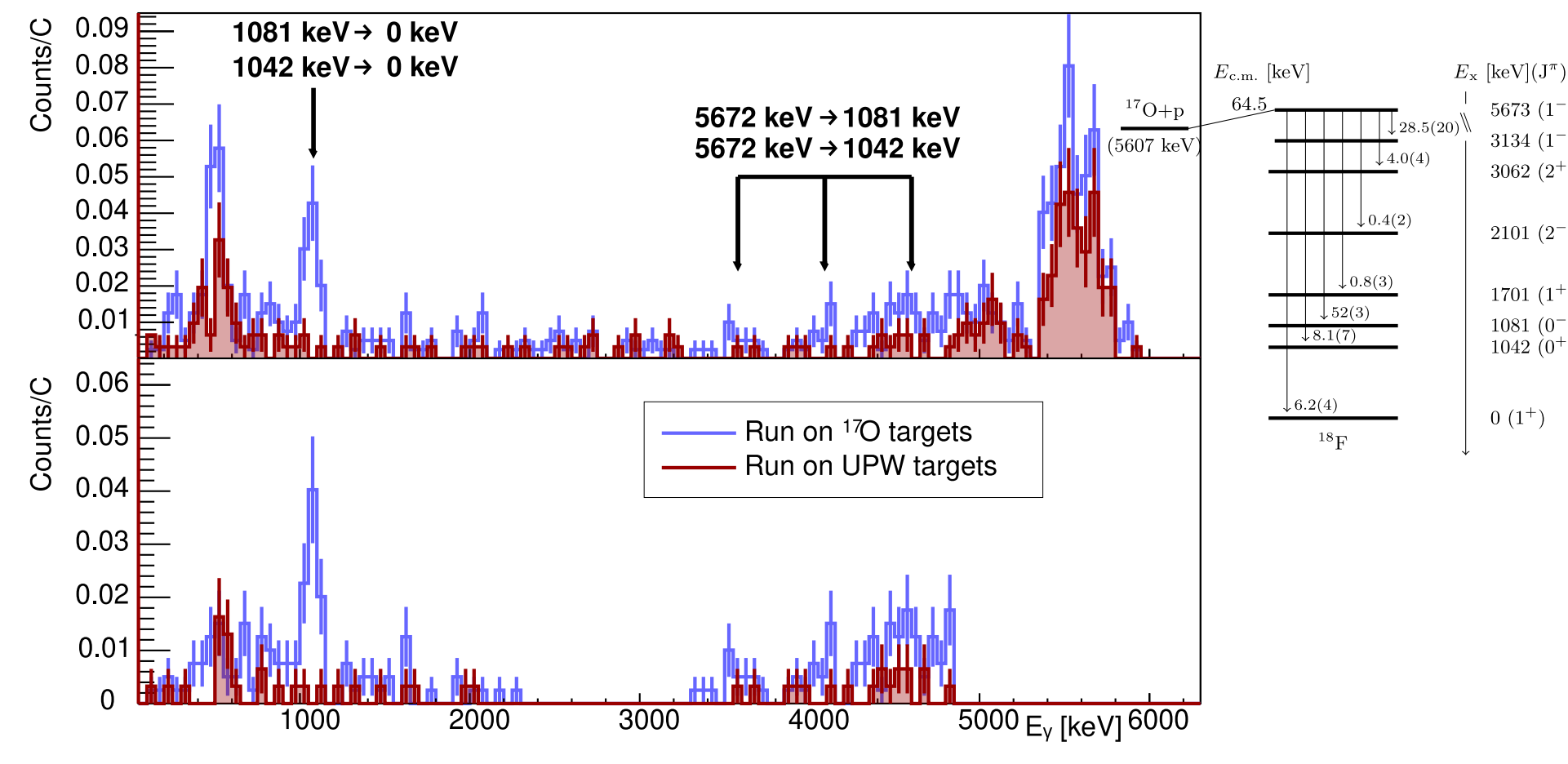


Simulation of the setup

$^{14}\text{N}+p@270\text{keV}$ simulation.



Data Analysis



Results

Reference	$\omega\gamma_{p,\gamma}$ [peV]
Previously adopted value	34
Present work [10]	34

See poster 27!