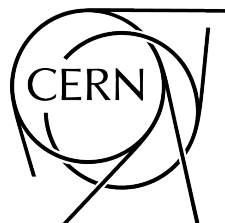


Neutrino Mass Measurements

Joachim Kopp

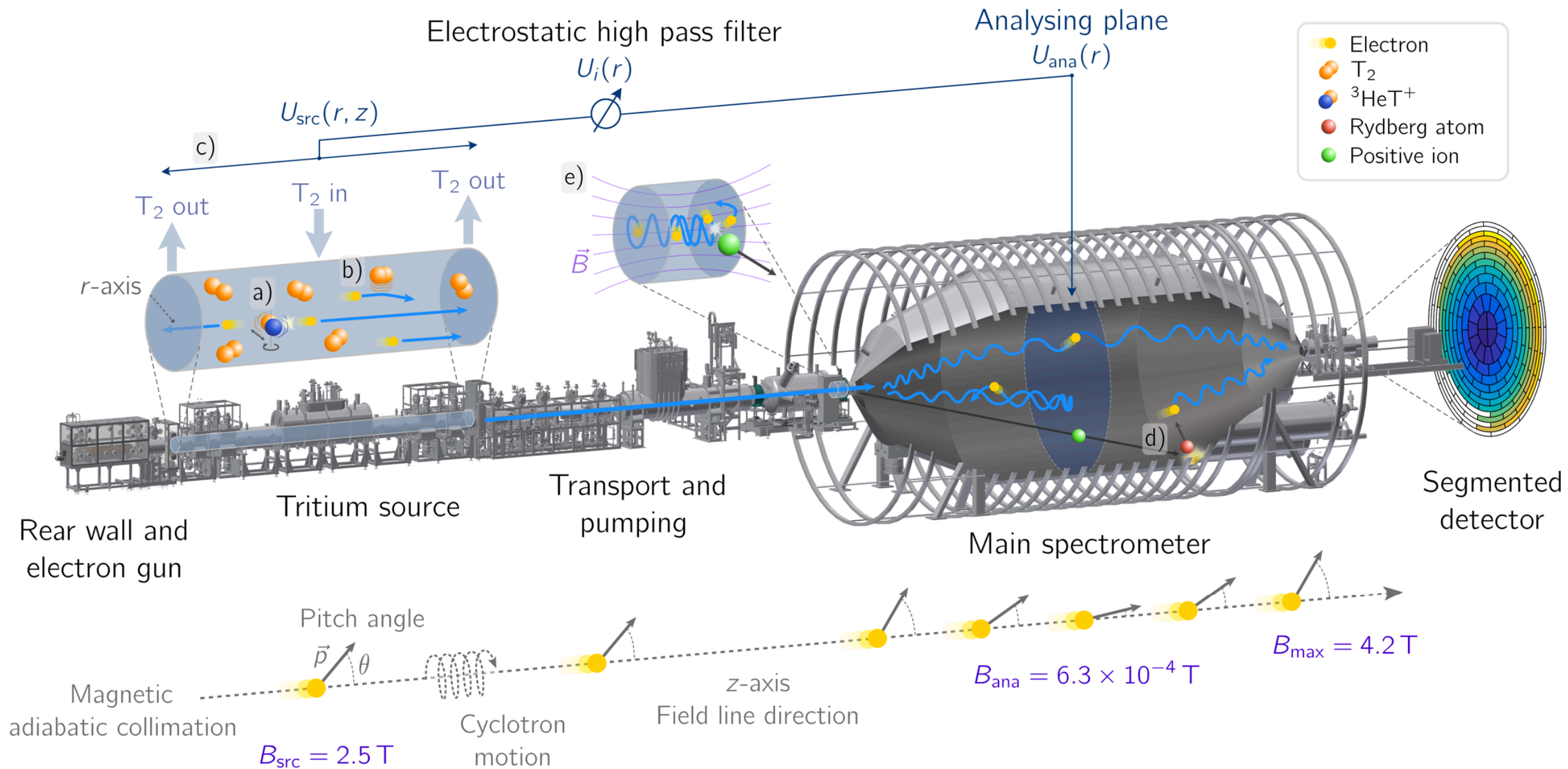
NBI Summer School | Copenhagen, Denmark | July 2021



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



Tritium Beta Decay: KATRIN



Tritium Beta Decay: KATRIN

Tritium Beta Decay: KATRIN



Tritium Beta Decay: KATRIN



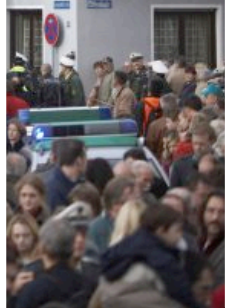
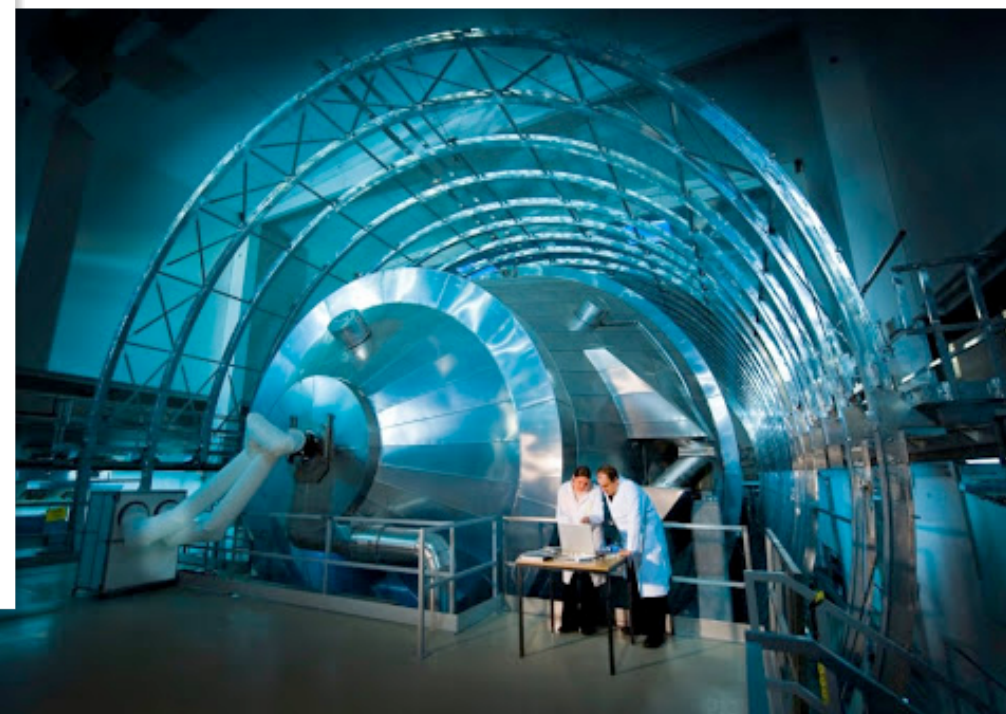
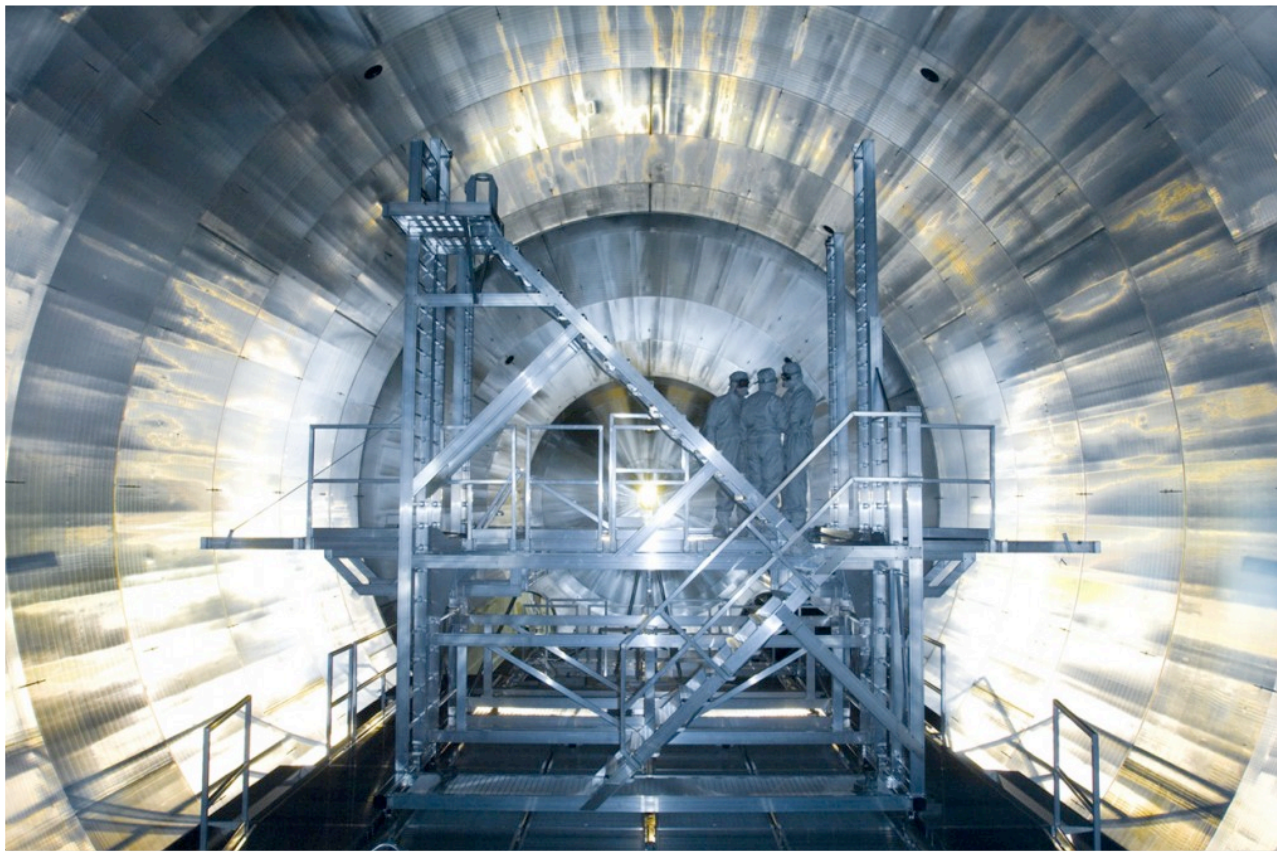
Tritium Beta Decay: KATRIN



Tritium Beta Decay: KATRIN



Tritium Beta Decay: KATRIN



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Tritium Beta Decay: KATRIN



Tritium Beta Decay: KATRIN



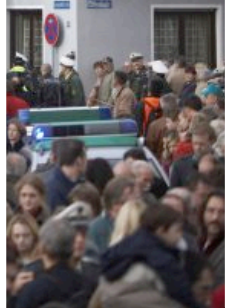
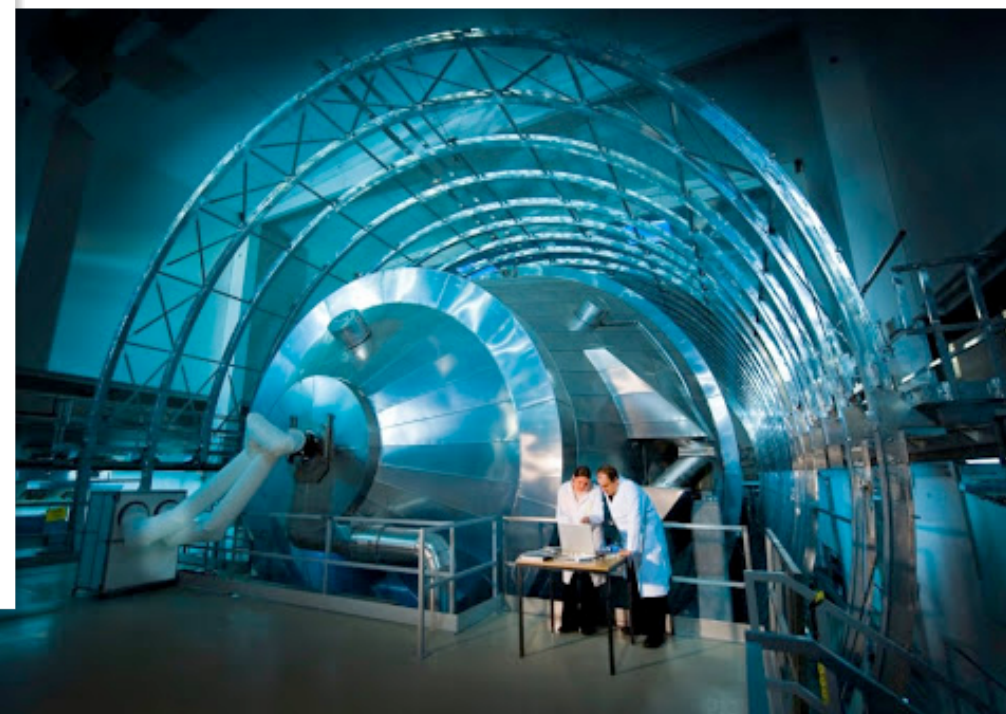
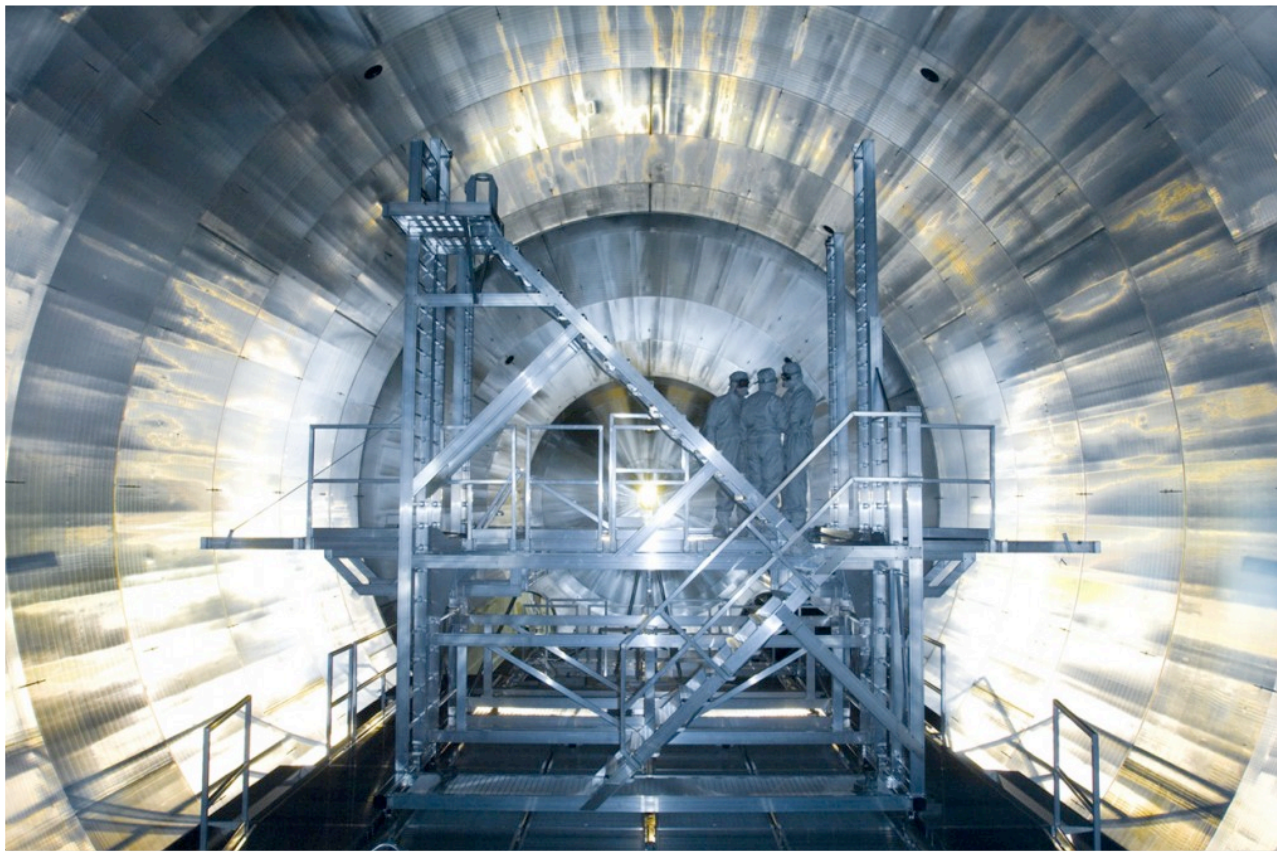
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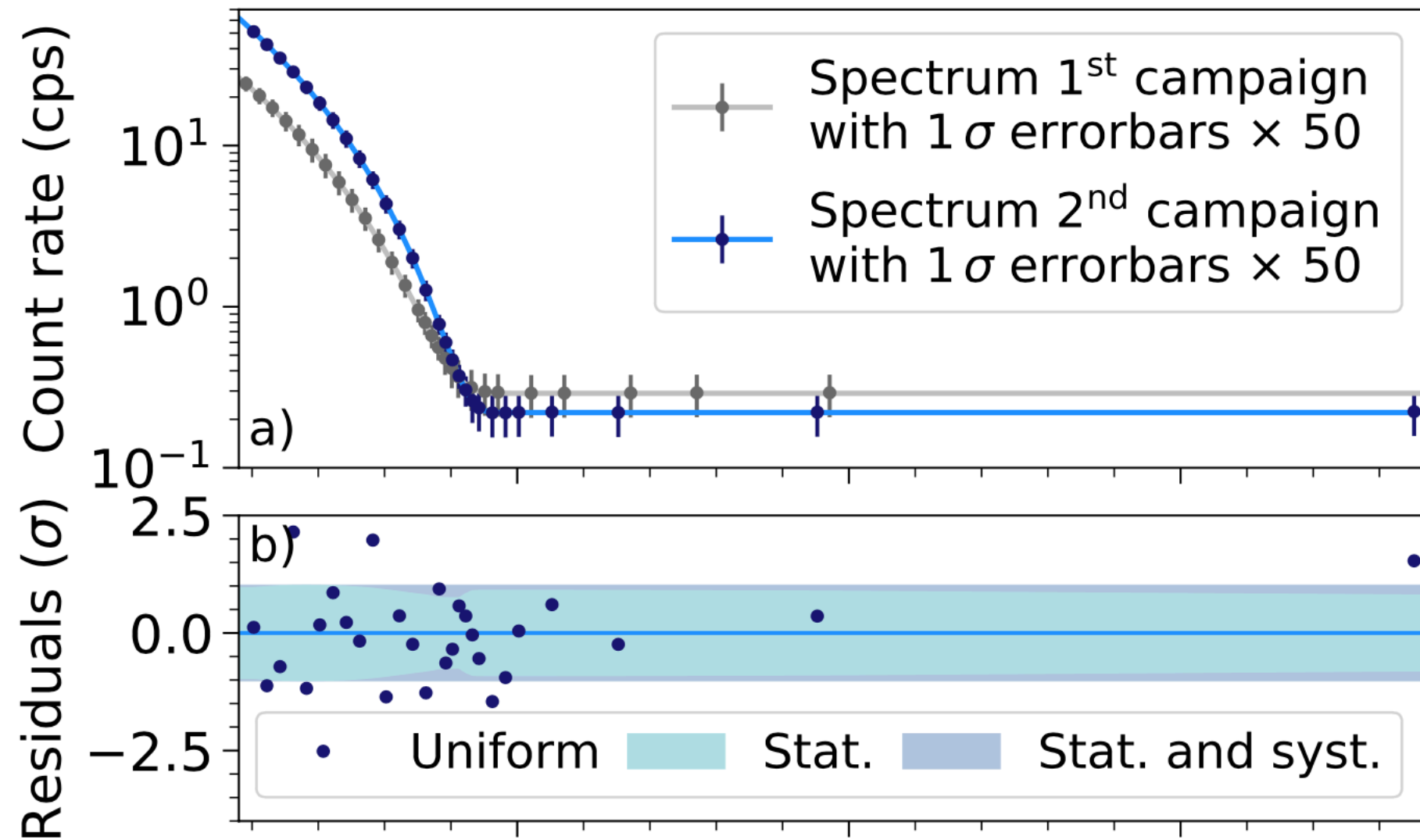
Tritium Beta Decay: KATRIN



Tritium Beta Decay: KATRIN

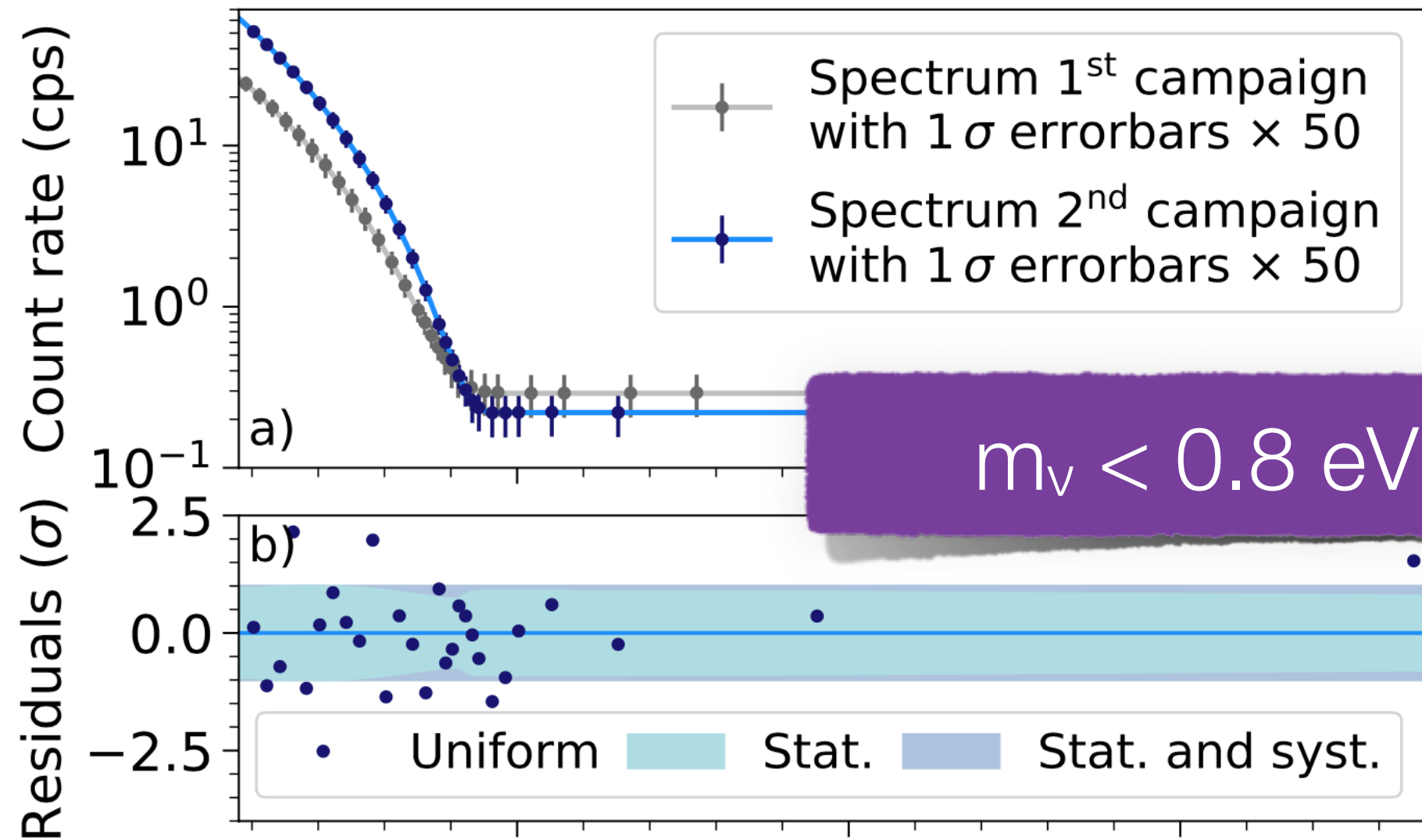


Tritium Beta Decay: KATRIN



KATRIN arXiv:2105.08533

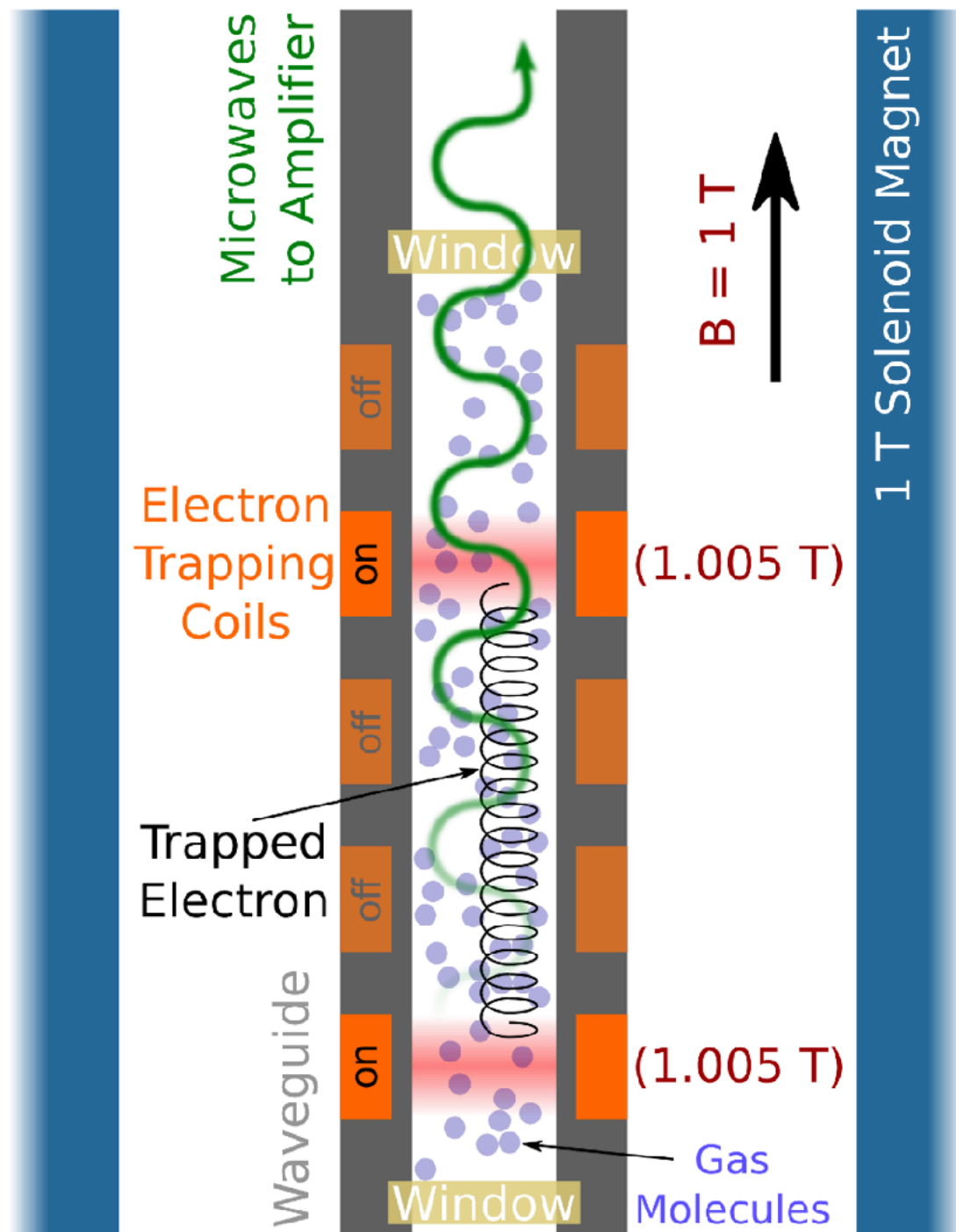
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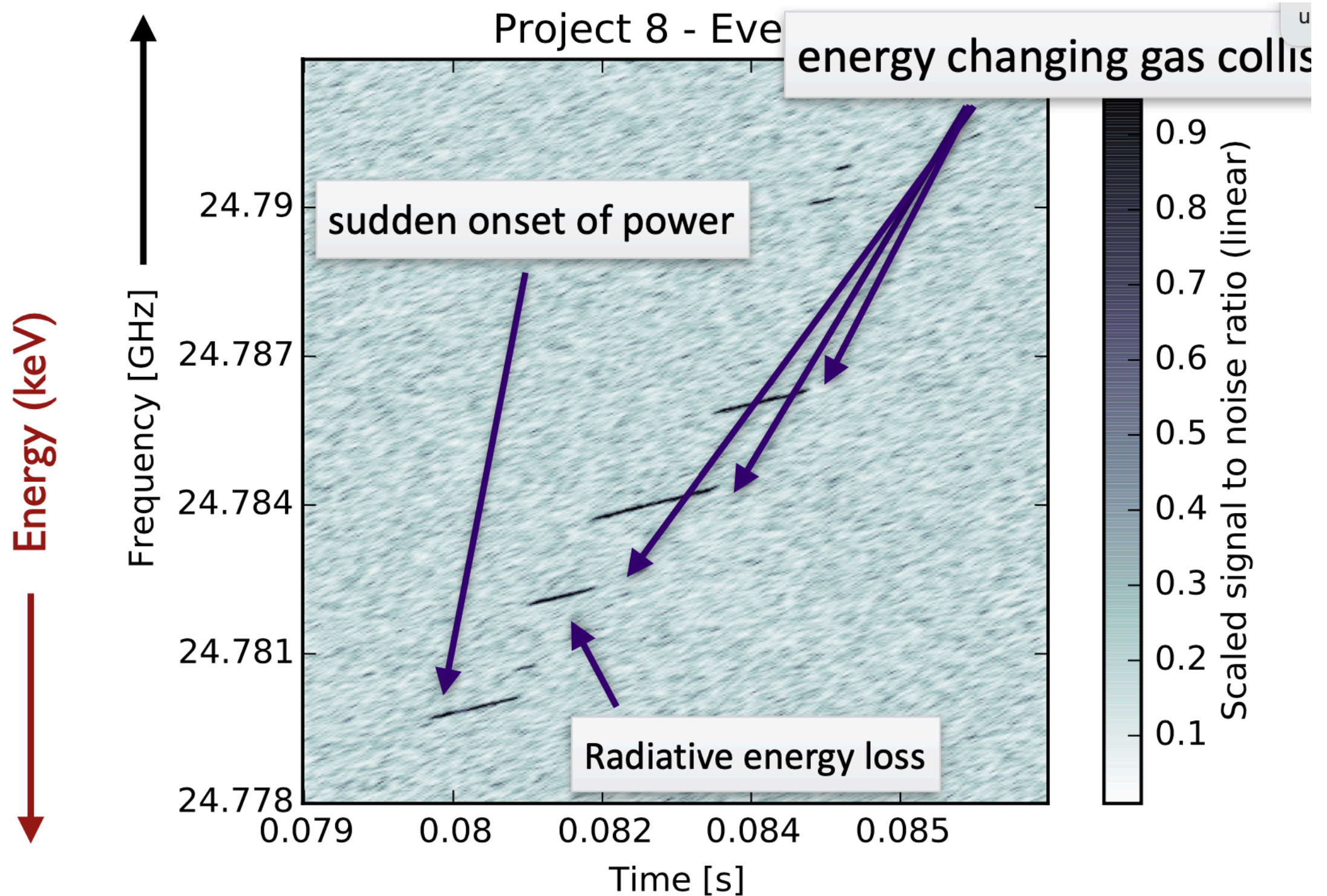
$m_\nu < 0.8 \text{ eV (90\% CL)}$

KATRIN arXiv:2105.08533

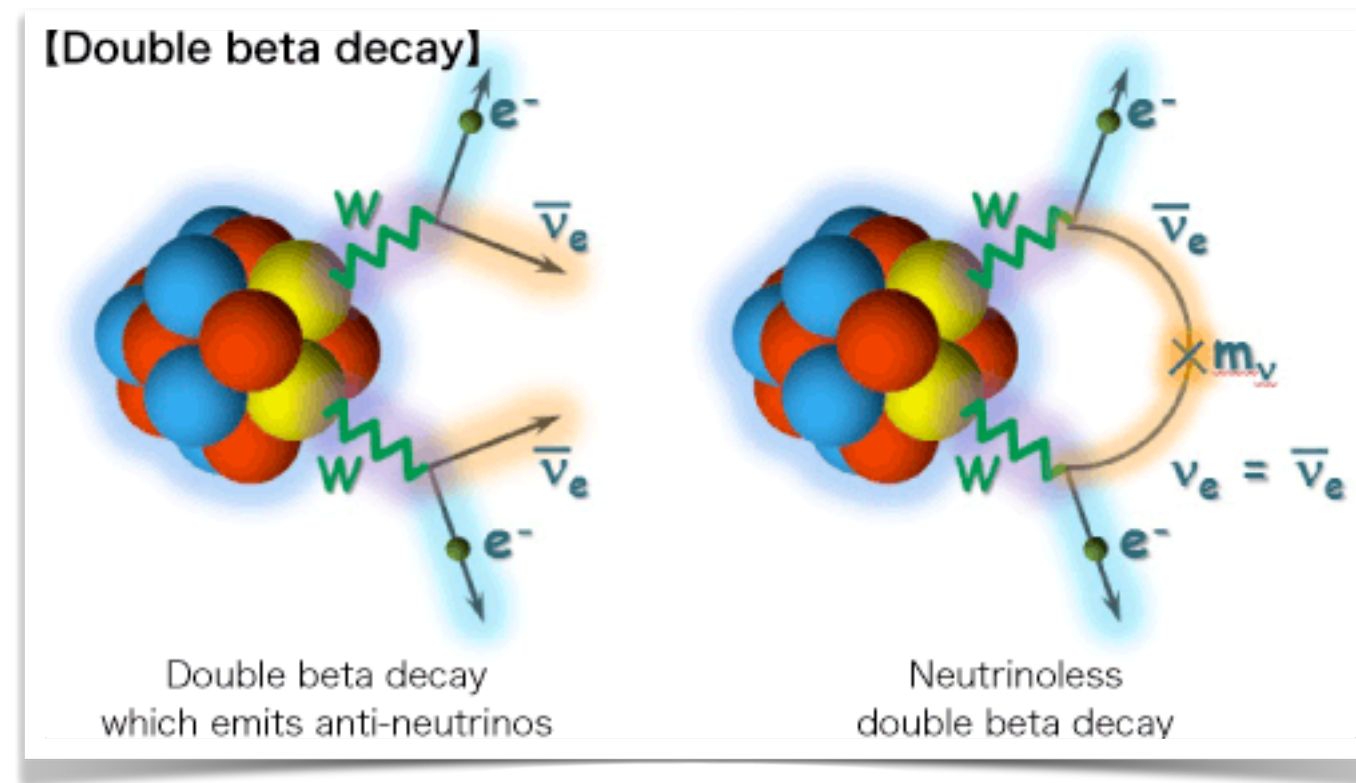
Project 8: Cyclotron Radiation Spectroscopy



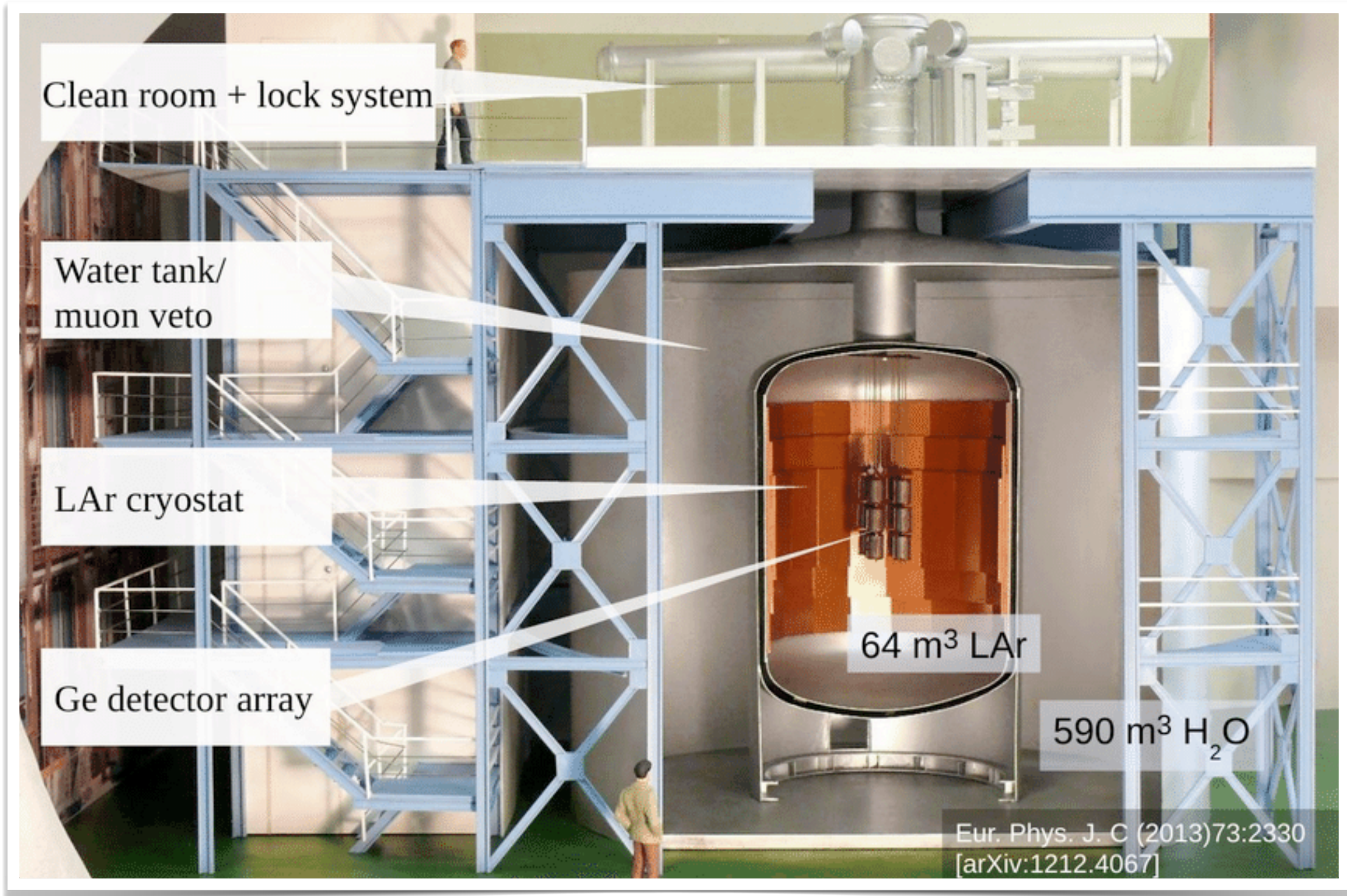
Project 8: Cyclotron Radiation Spectroscopy



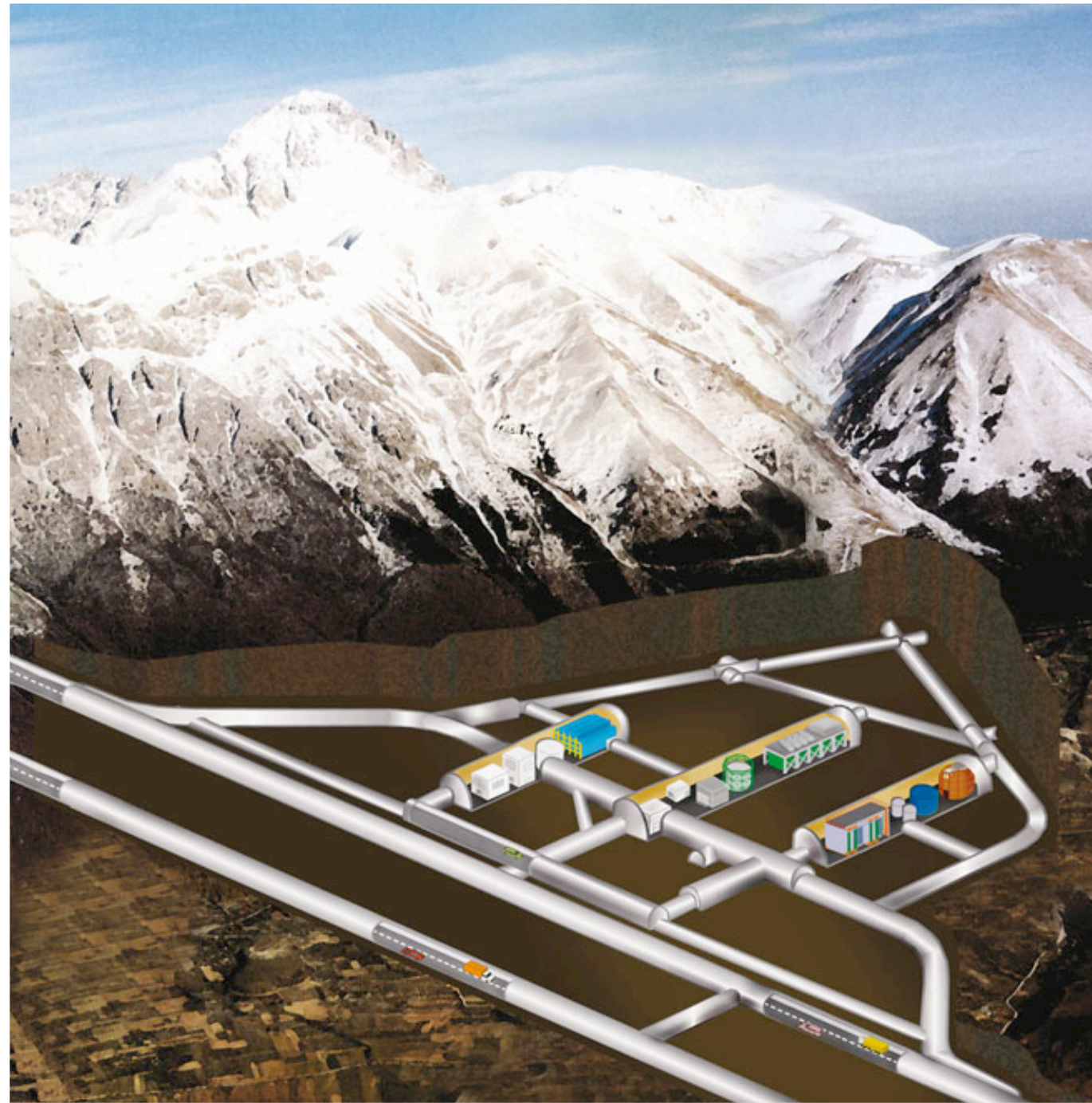
Neutrinoless Double Beta Decay



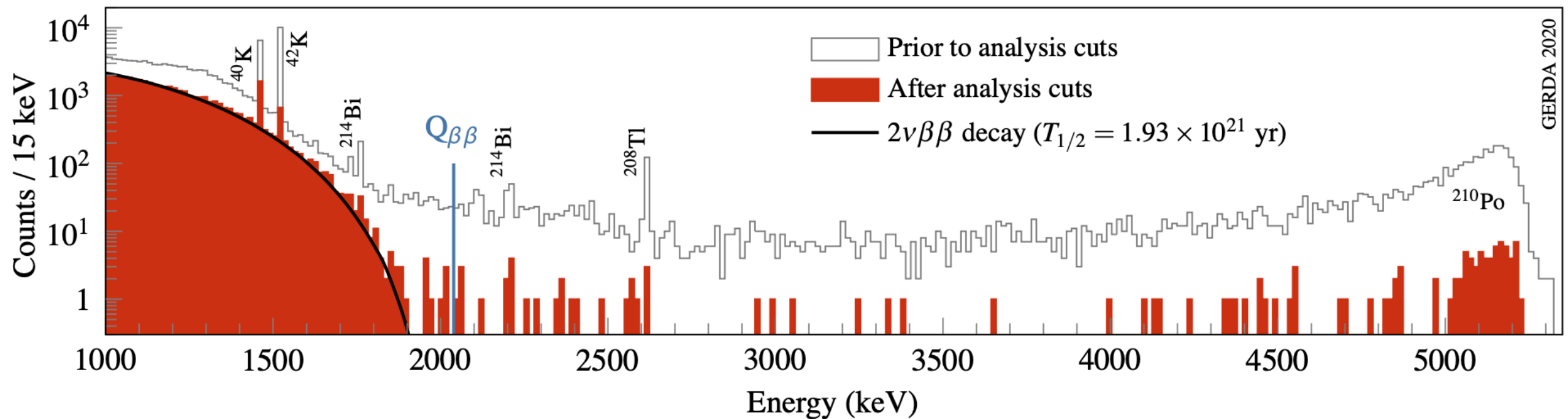
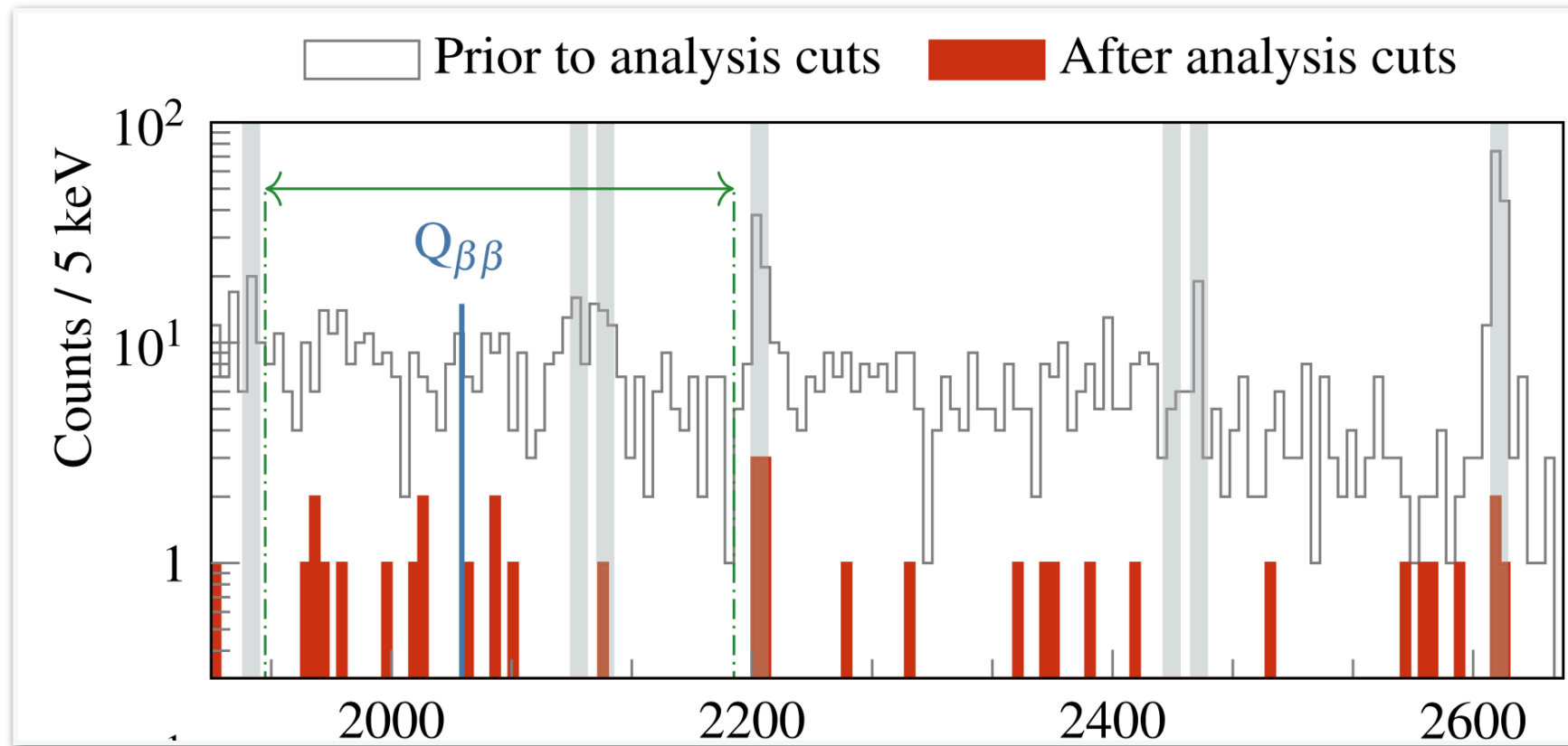
Neutrinoless Double Beta Decay



Neutrinoless Double Beta Decay



Neutrinoless Double Beta Decay



Neutrinoless Double Beta Decay

