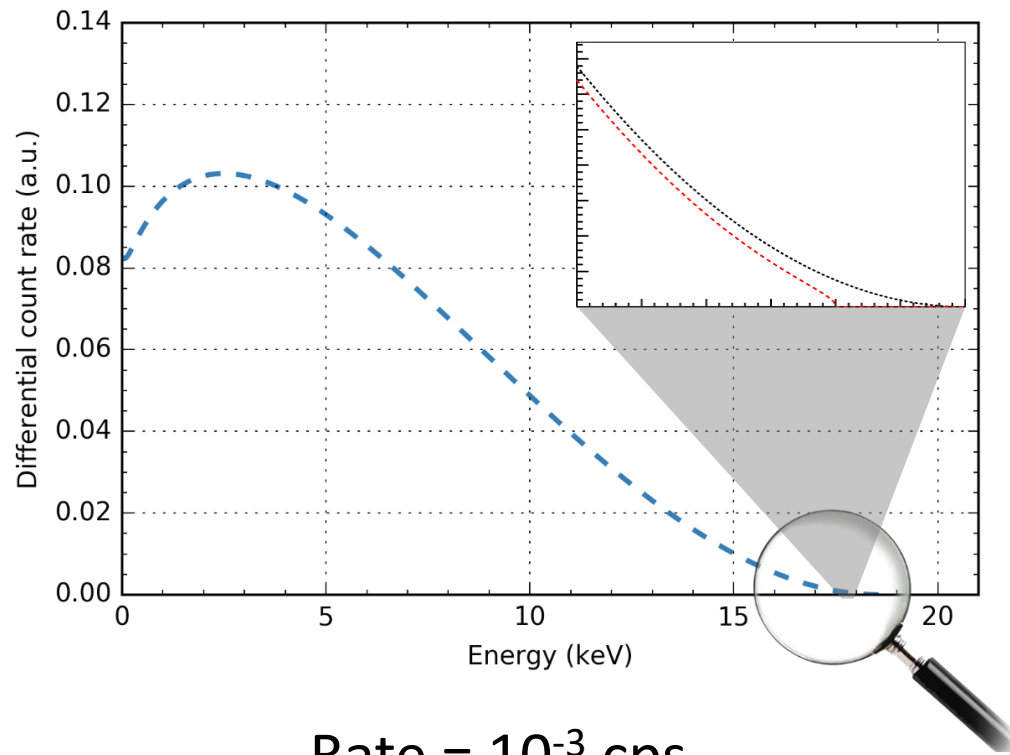


Development of a silicon drift detector system for the TRISTAN project - future search for sterile neutrinos

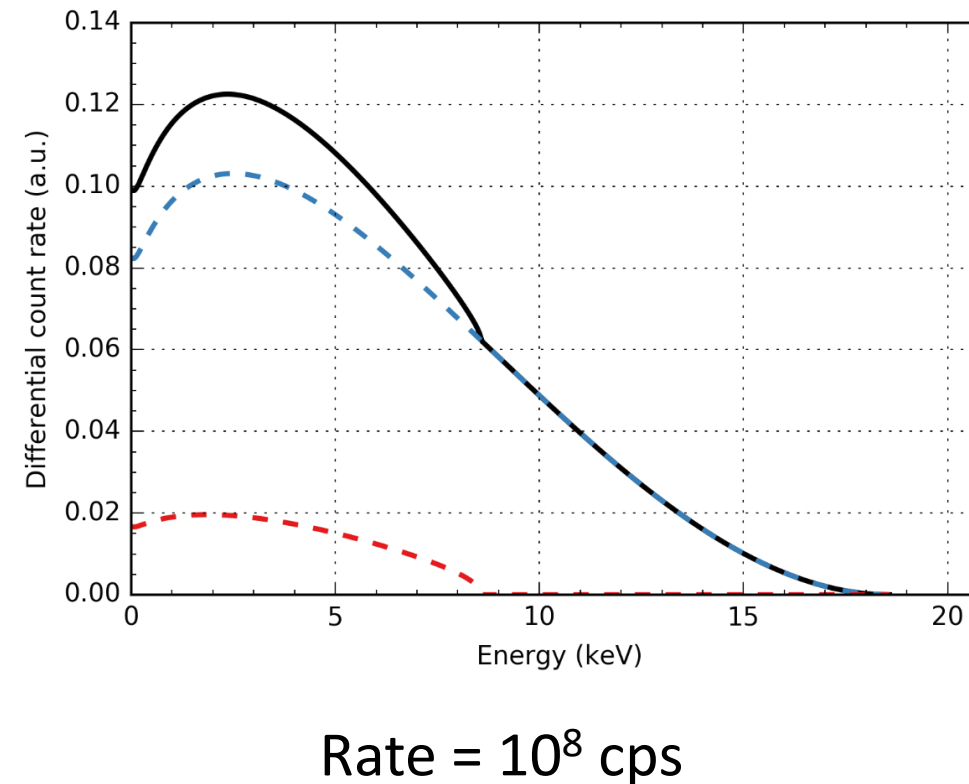
Tim Brunst¹, Luca Bombelli², Marco Carminati³, Carlo Fiorini³, David Fink¹, Thibaut Houdy¹, Peter Lechner⁴, Susanne Mertens^{1,5}
¹Max-Planck-Institut für Physik, ²XGLab srl Bruker Nano Analytics, ³Politecnico di Milano, ⁴Halbleiterlabor der Max-Planck-Gesellschaft, ⁵Technische Universität München



KATRIN - Neutrino mass measurement



KATRIN - Sterile neutrino search (TRISTAN)



Monday Session, Poster Wall #144 (Hölderlin-Room)

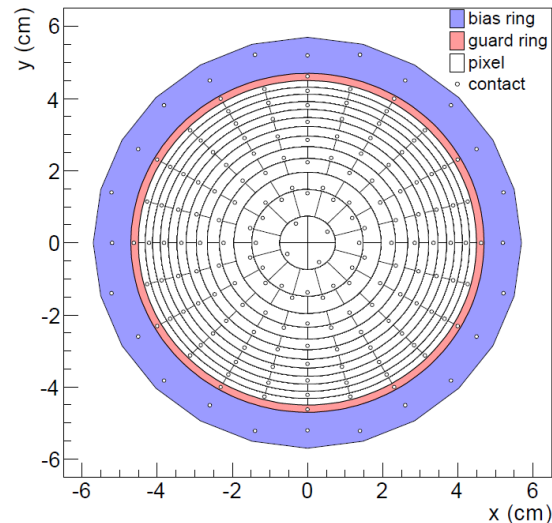


Development of a silicon drift detector system for the TRISTAN project - future search for sterile neutrinos

Tim Brunst¹, Luca Bombelli², Marco Carminati³, Carlo Fiorini³, David Fink¹, Thibaut Houdy¹, Peter Lechner⁴, Susanne Mertens^{1,5}
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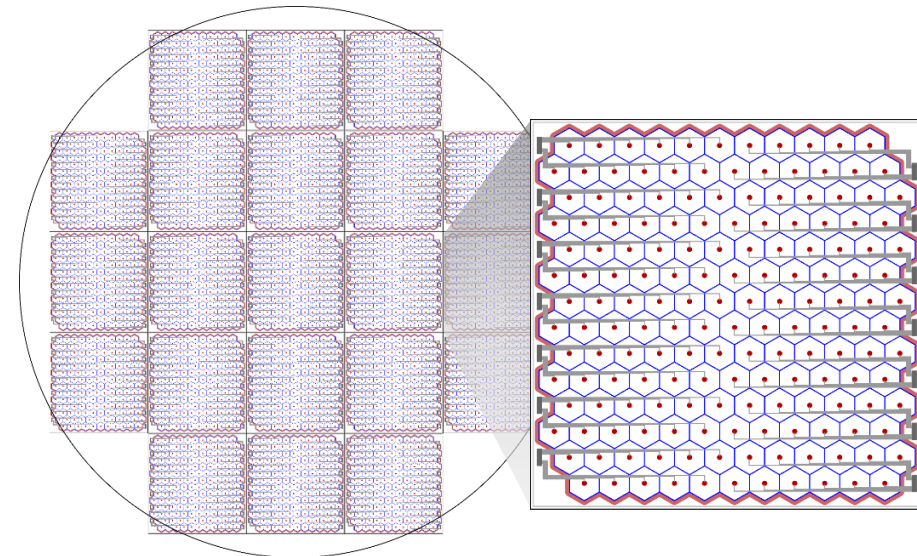


KATRIN - Neutrino mass measurement



Number of pixels = 148
Resolution = 1400 eV
Start: 2018

KATRIN - Sterile neutrino search (TRISTAN)



Number of pixels = 3500
Resolution = 130 eV
Start: 2023

