

Group Meeting

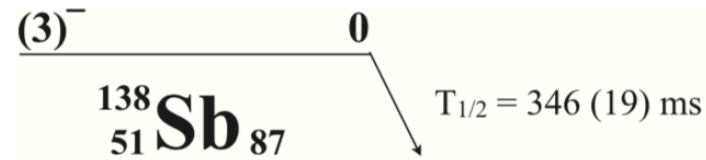
22nd. June. 2018

Byul Moon

Progress

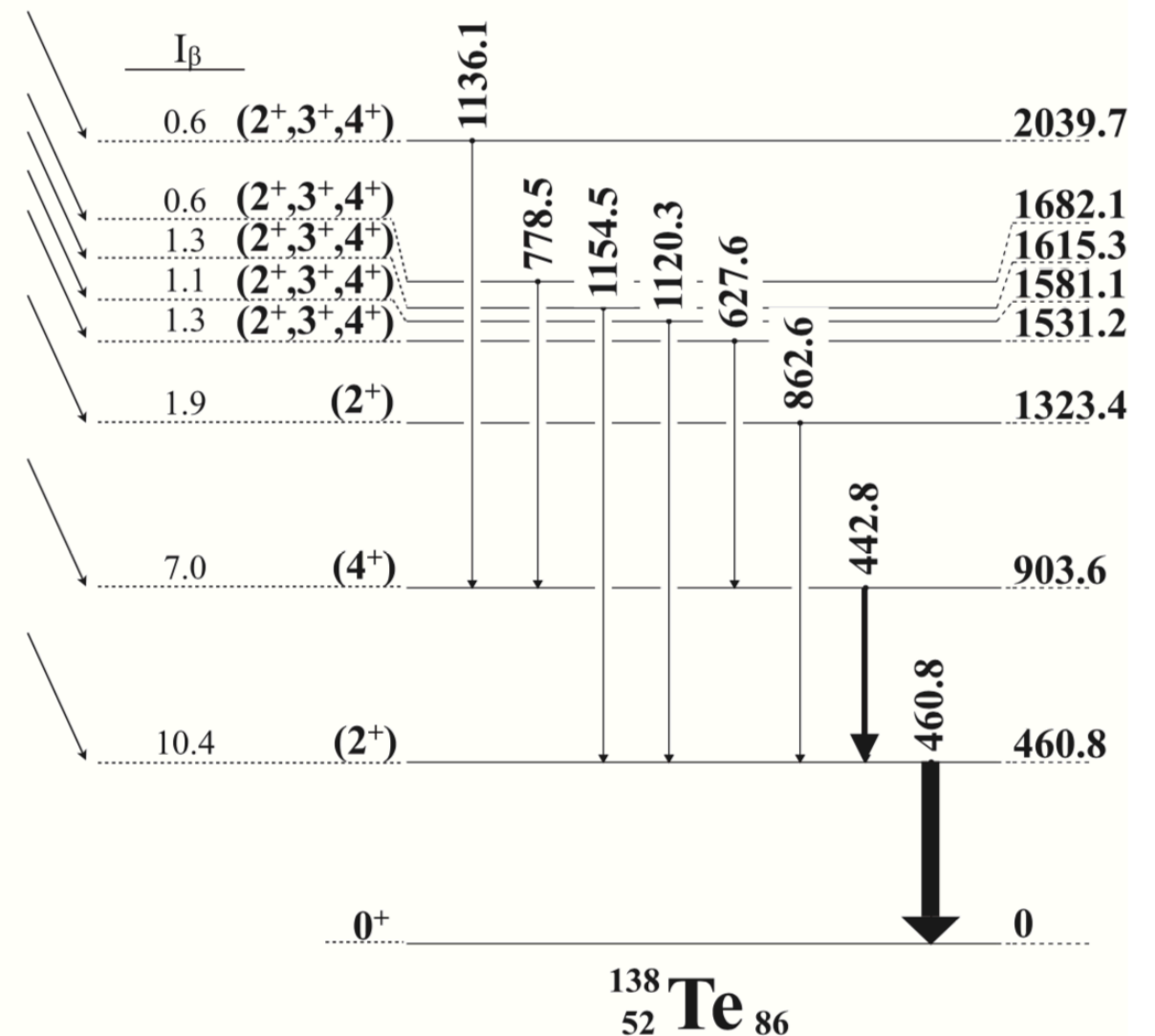
1. “Occurrence of a chiral-like pair band and a non-collective oblate isomer in ^{120}I ” letter is finally published in PLB.
PLB 782 (2018) 602.
DOI : <https://doi.org/10.1016/j.physletb.2018.06.008>
2. EURICA data analysis and sorting has been finished.
3. Nuclear structures of ^{138}Te , ^{140}Te , ^{138}I , and ^{142}I are being analyzed.

^{138}Te Structure

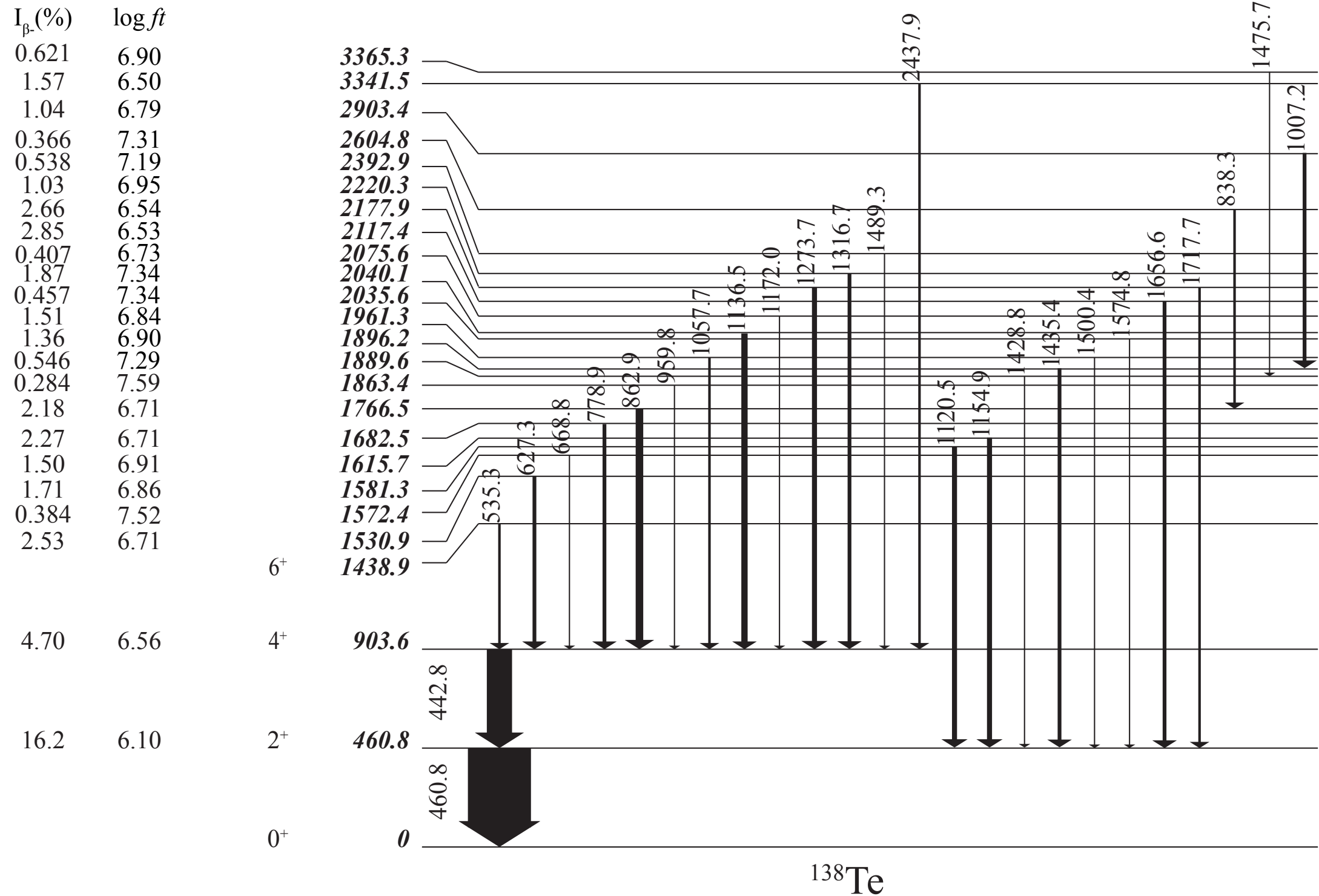


PHYSICAL REVIEW C **92**, 044320 (2015)

1. Previous result by P. Lee with same data set.
2. More transitions are assigned.
3. Half-life changed.
4. Find new physics.
e.g. shape evolution in Te isotopes, neutron dominant effect, etc.
5. Looking for any theorist to collaborate with us for QRPA calculations.

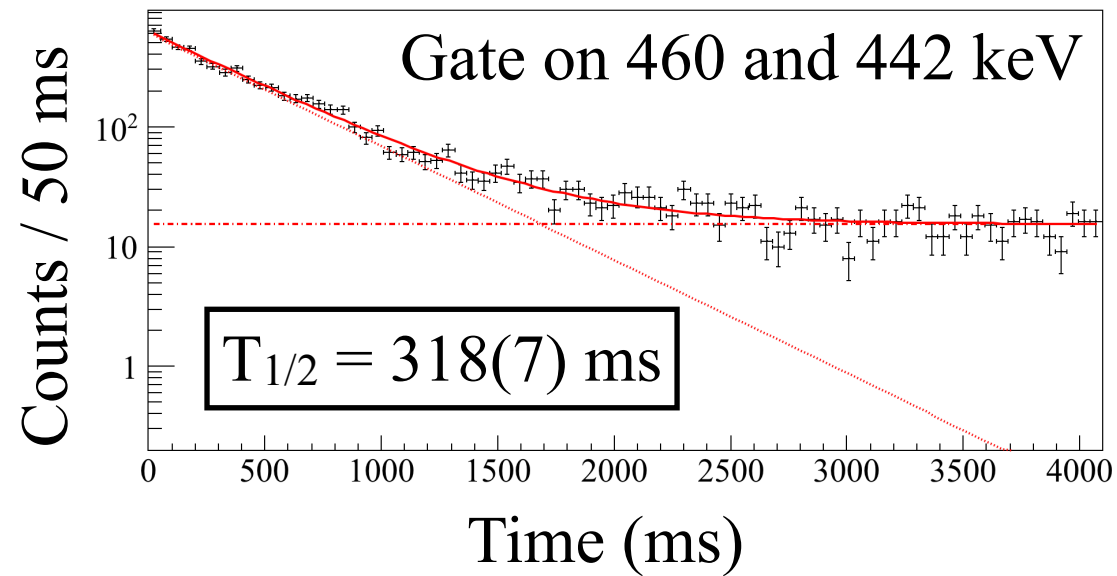


^{138}Te Structure

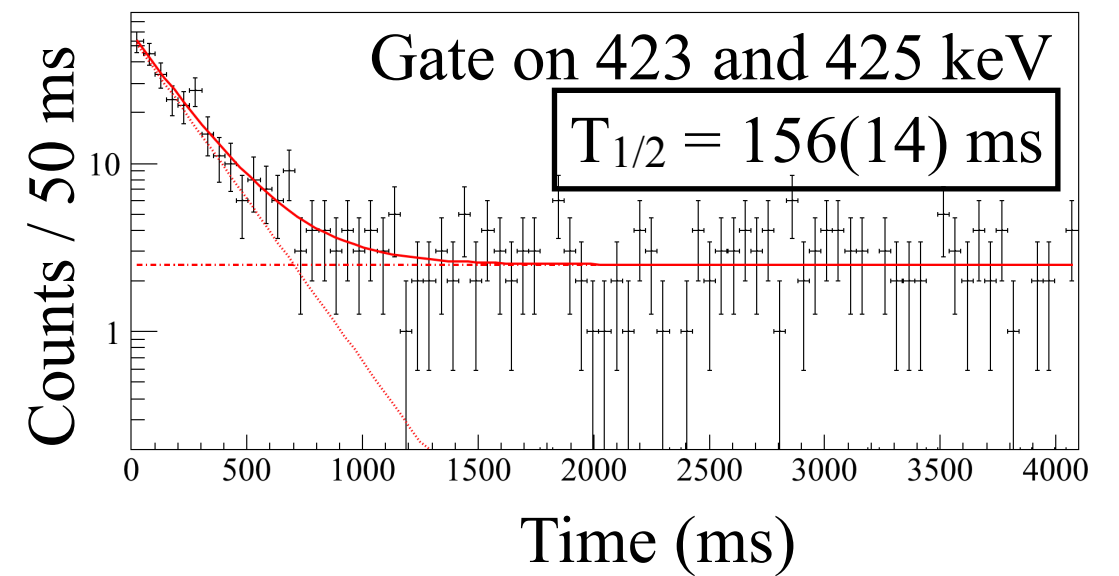


Half-life Measurements

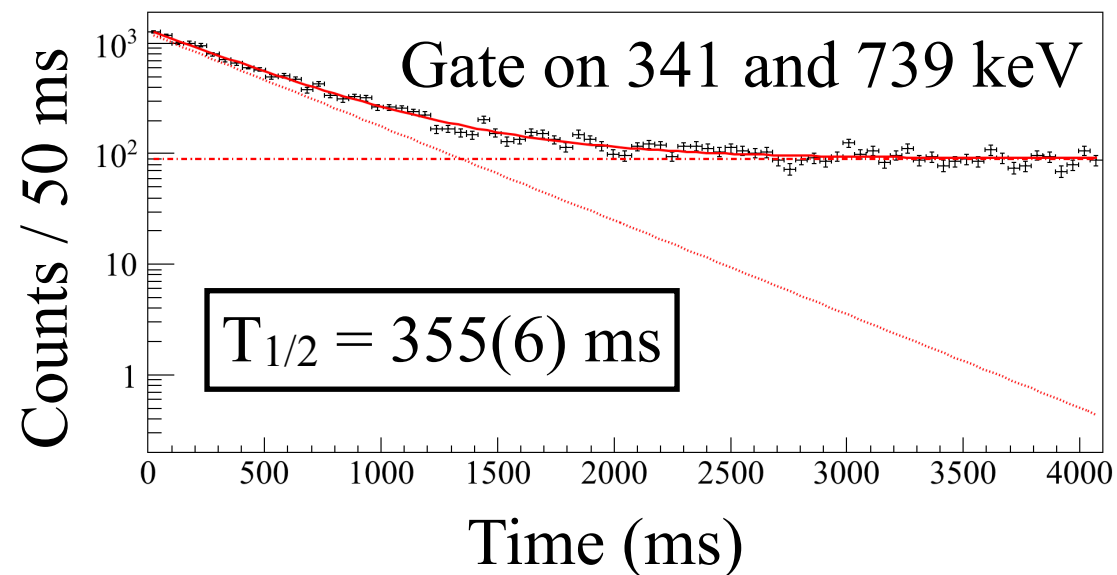
^{138}Sb



^{140}Sb



^{140}Te



^{142}Te

