

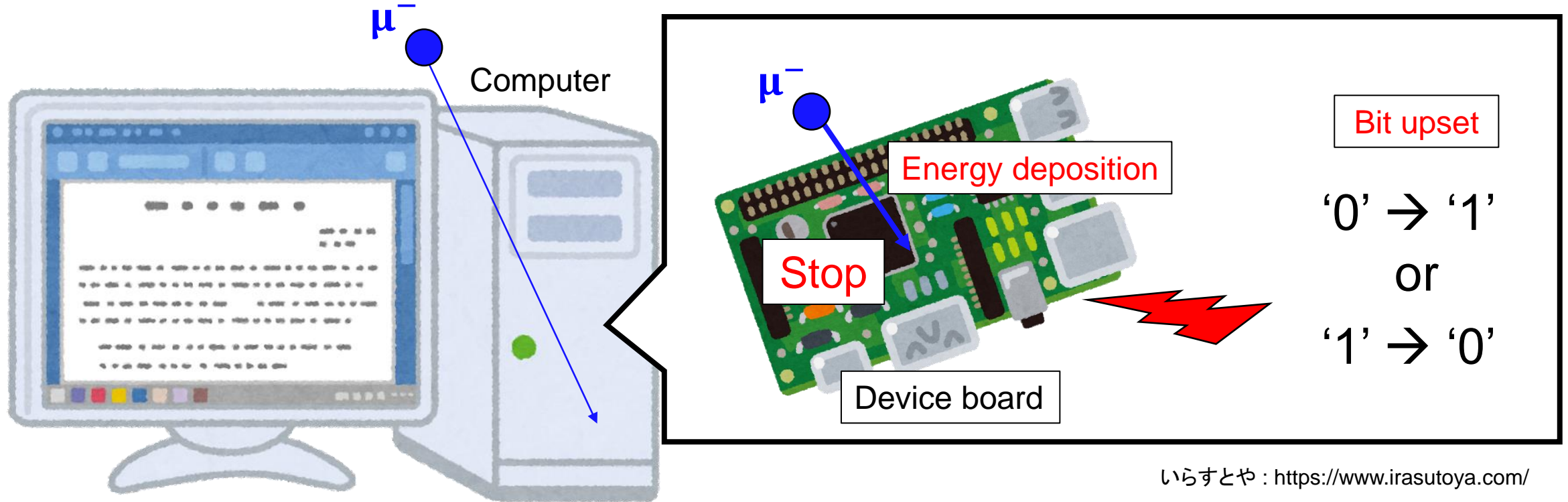
Development of counter telescopes for light charged particles emitted from muon nuclear reaction on Si

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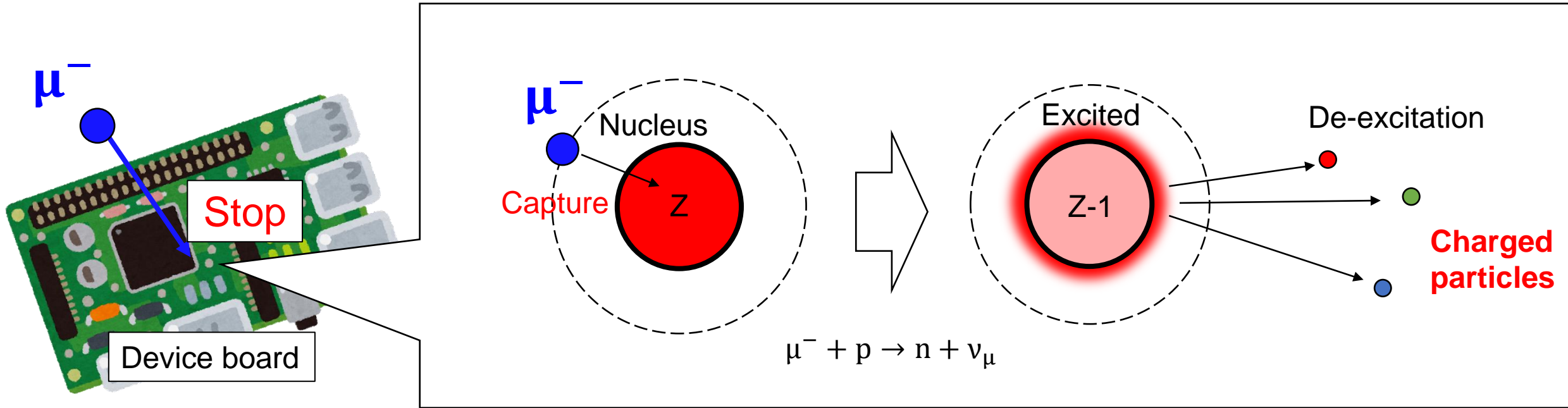
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Muon-induced soft error: a potential threat to society



Negative muon-induced soft errors have received increasing attention.

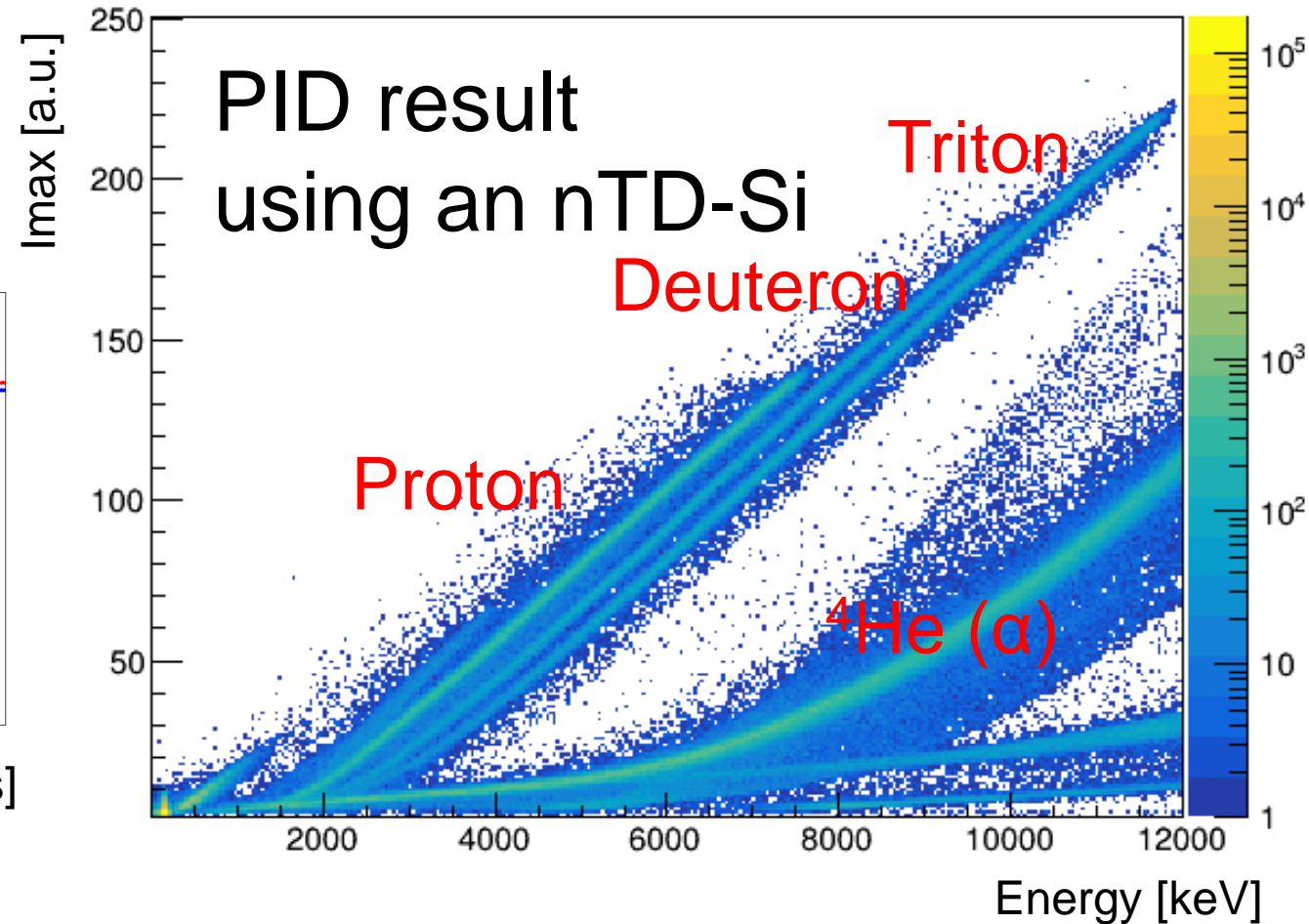
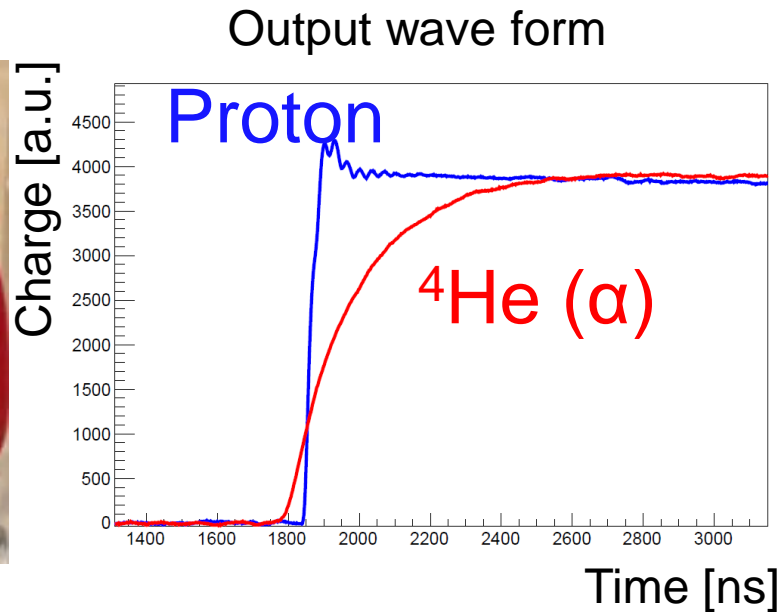
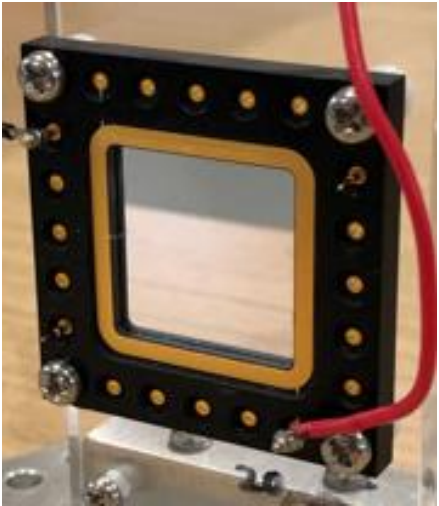
Muon nuclear capture reaction (μNC)



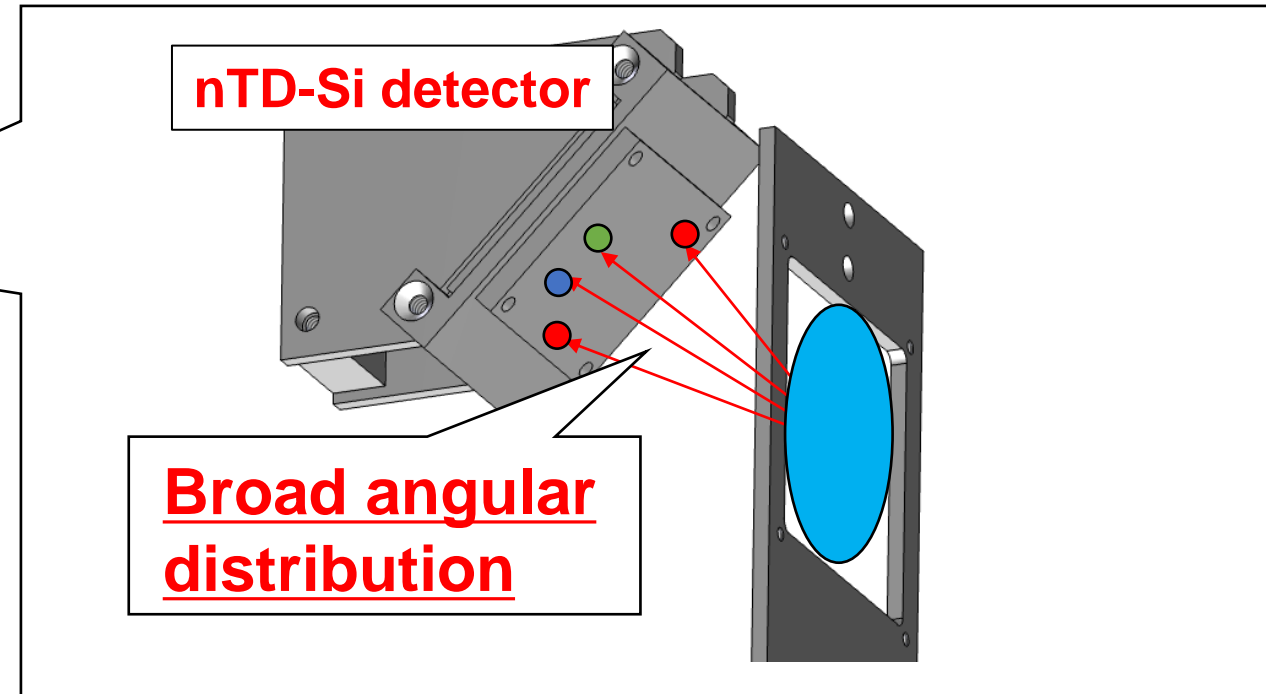
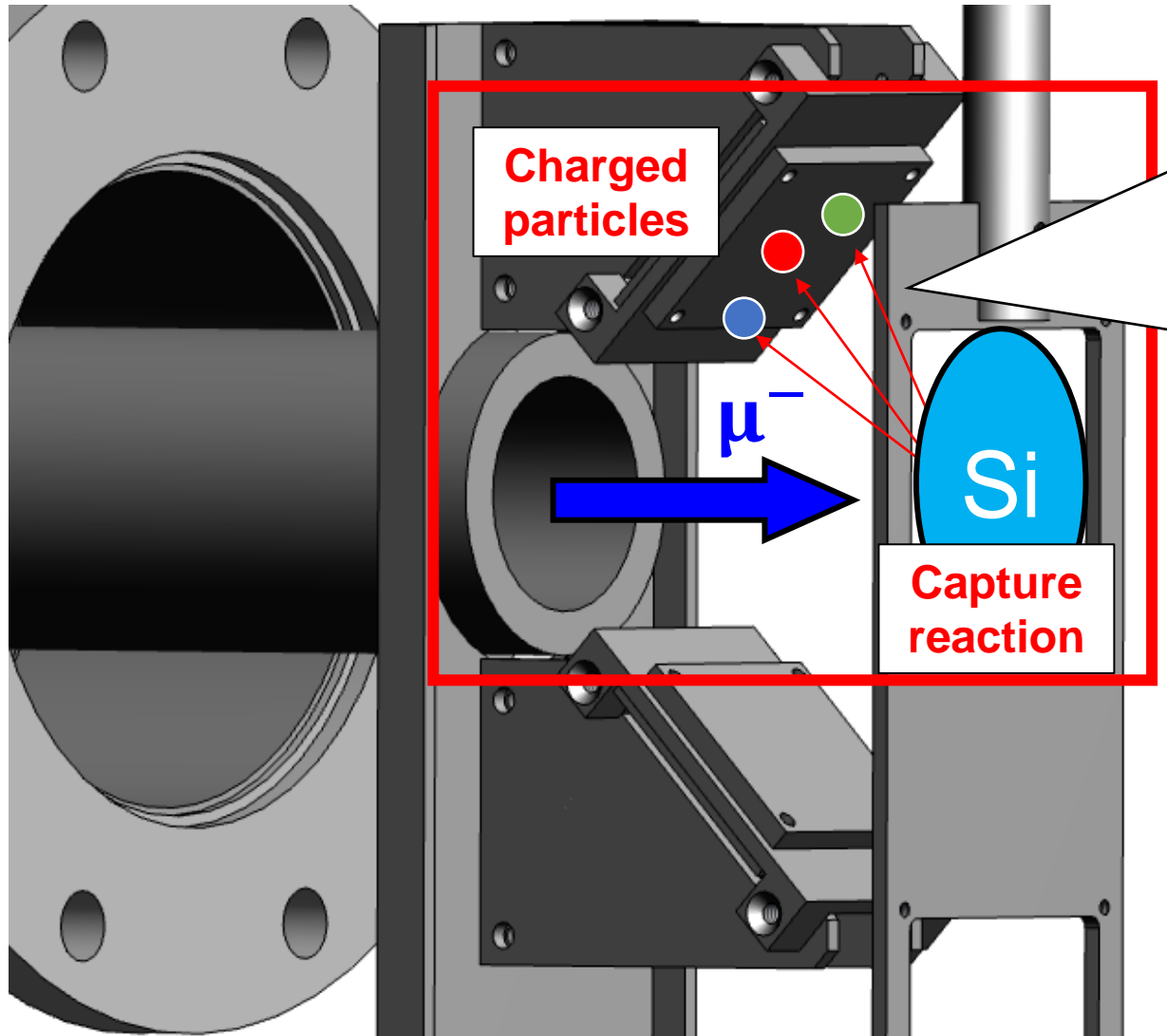
We plan to measure
the spectra of charged particles emitted after μNC .

Particles can be identified by Pulse Shape Analysis!

neutron
Transmutation
Doped (nTD)
Si detector



Is PID valid even for oblique incidence?



We verified the validity of PID
in large angle condition.

➡ Poster session : P14