



TABLE I: Transition strengths for experiment, the Rydström [24] shell model (SM) and the new TBMEs (SM_{mod}), see text, in 204 Pt. Effective charges of 1.5 and 2.0 e for E2 and E3, respectively were assumed, which were chosen to reproduce the ²⁰⁶Hg $10^+ \rightarrow 8^+ E2$ and $10^+ \rightarrow 7^- E3$ transitions [9].

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interaction)

(b) and (c): three

(based on Kuo-Brown





207TI exp: E. Wilson et al, to be published



B(E2;0⁺→2⁺) transition strengths in the vicinity of ²⁰⁸Pb





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Experiment in 2014



AGATA detector layout – Status 13-3-2014



- P1 ADC03
- P4 ADC01
- P14 ATC04 (new A007, B007, C007) P7 - ATC02

208Po (isomer) setting



ProjectionX of biny=[352,501]

Centring 208Po at S2 and S4



428 411

Production yields at FAIR:



In-Flight Fragment Separation via Magnetic Rigidity Analysis and Energy Loss in Matter

Operating Domain for $B\rho$ - ΔE Separation







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