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Destruction of ^{26}Al studies by beta decay of $^{27}\text{P} \rightarrow ^{27}\text{Si}$

Improved beta-proton spectroscopy of ^{27}P . Application to the $\text{Al}^{26}(\text{p},\text{g})\text{Si}^{27}$ reaction (astrophysical motivation)

Beam intensity > 10 pps

Tape station + charged particle detection

gamma detection

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