

Program EVALPLOT
(Version 2018-1)

by

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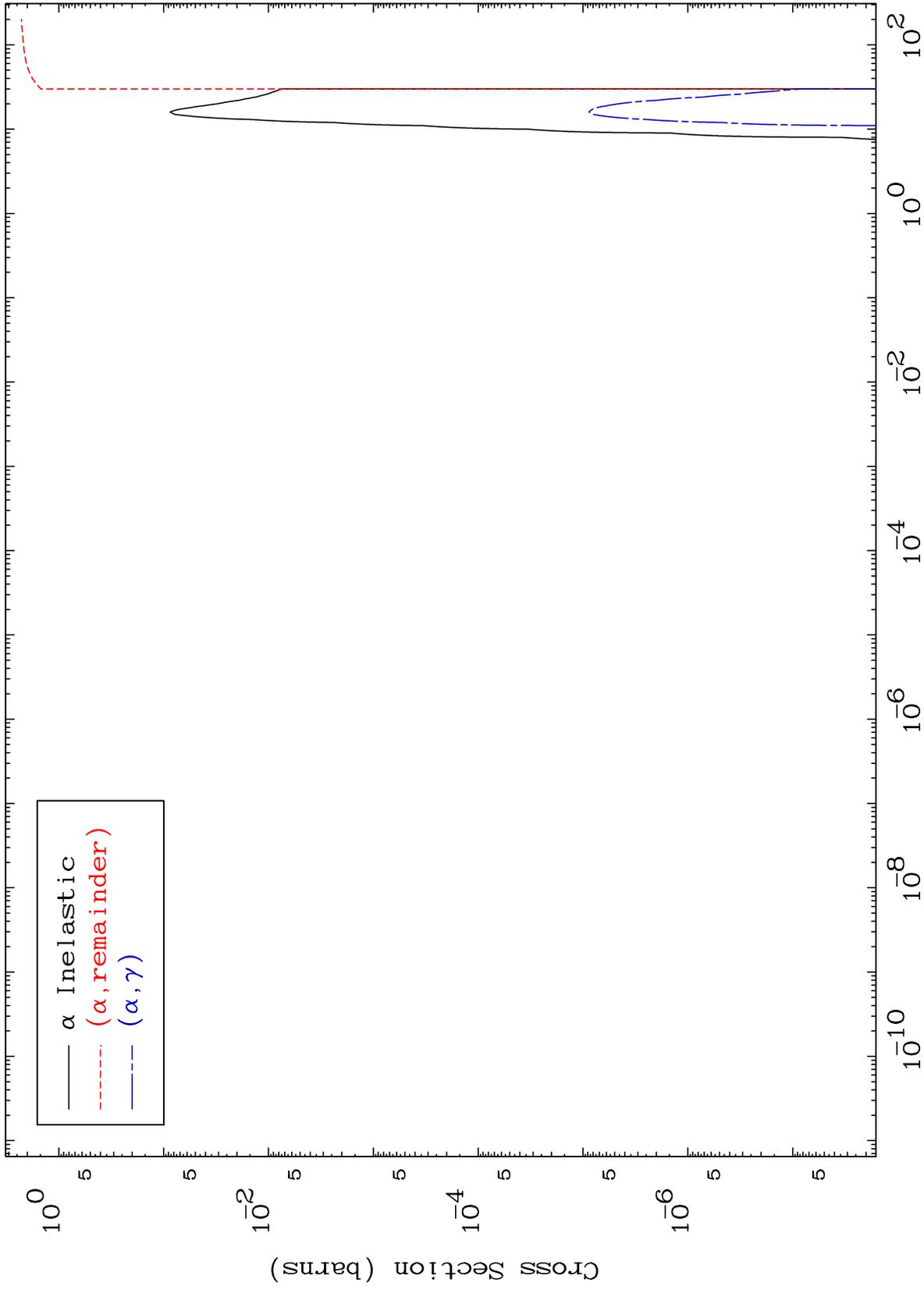
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5249

0 Kelvin α Major
Cross Sections

52-Te-128



1

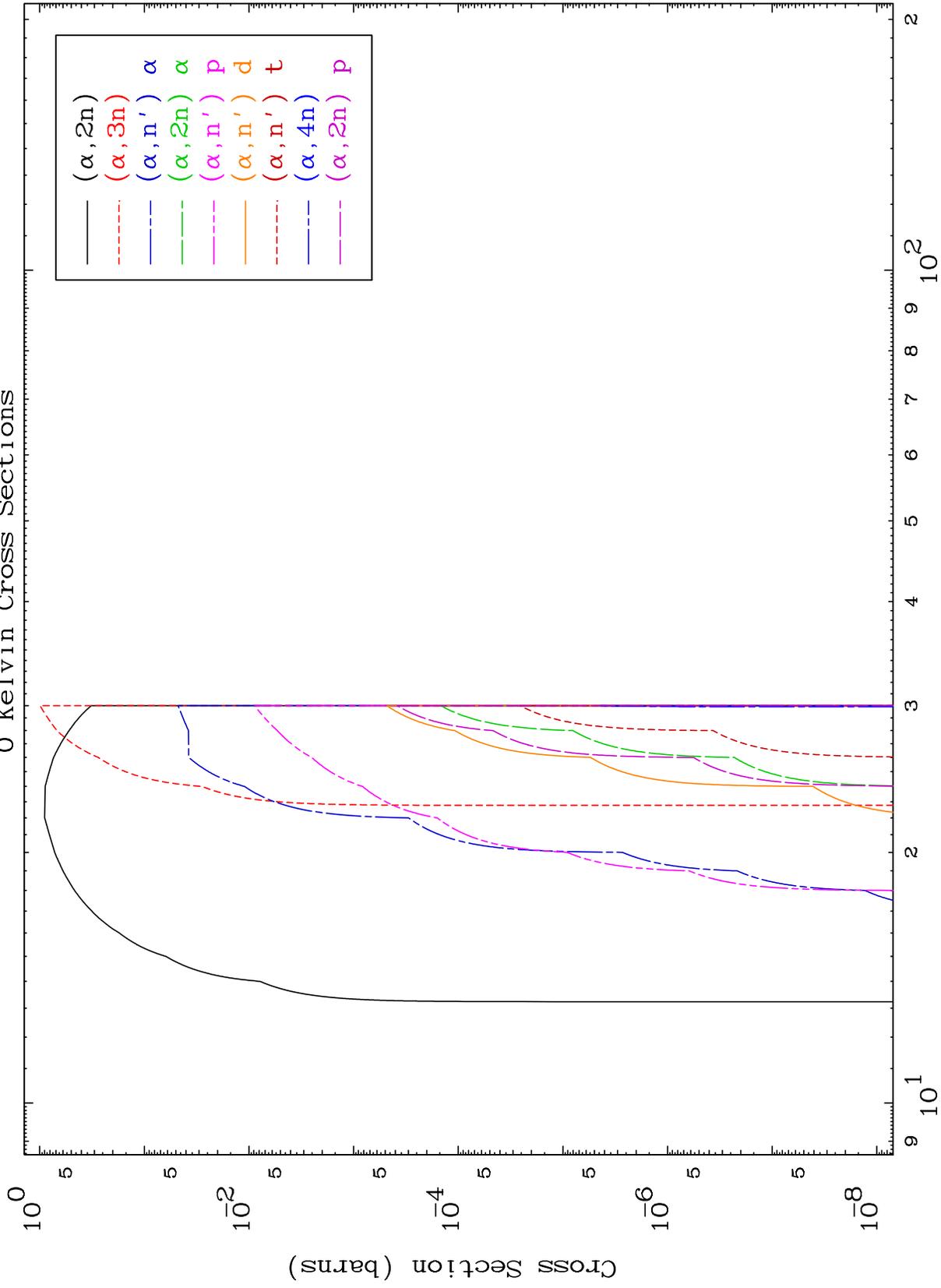
Incident Energy (MeV)

52-Te-128

MAT 5249

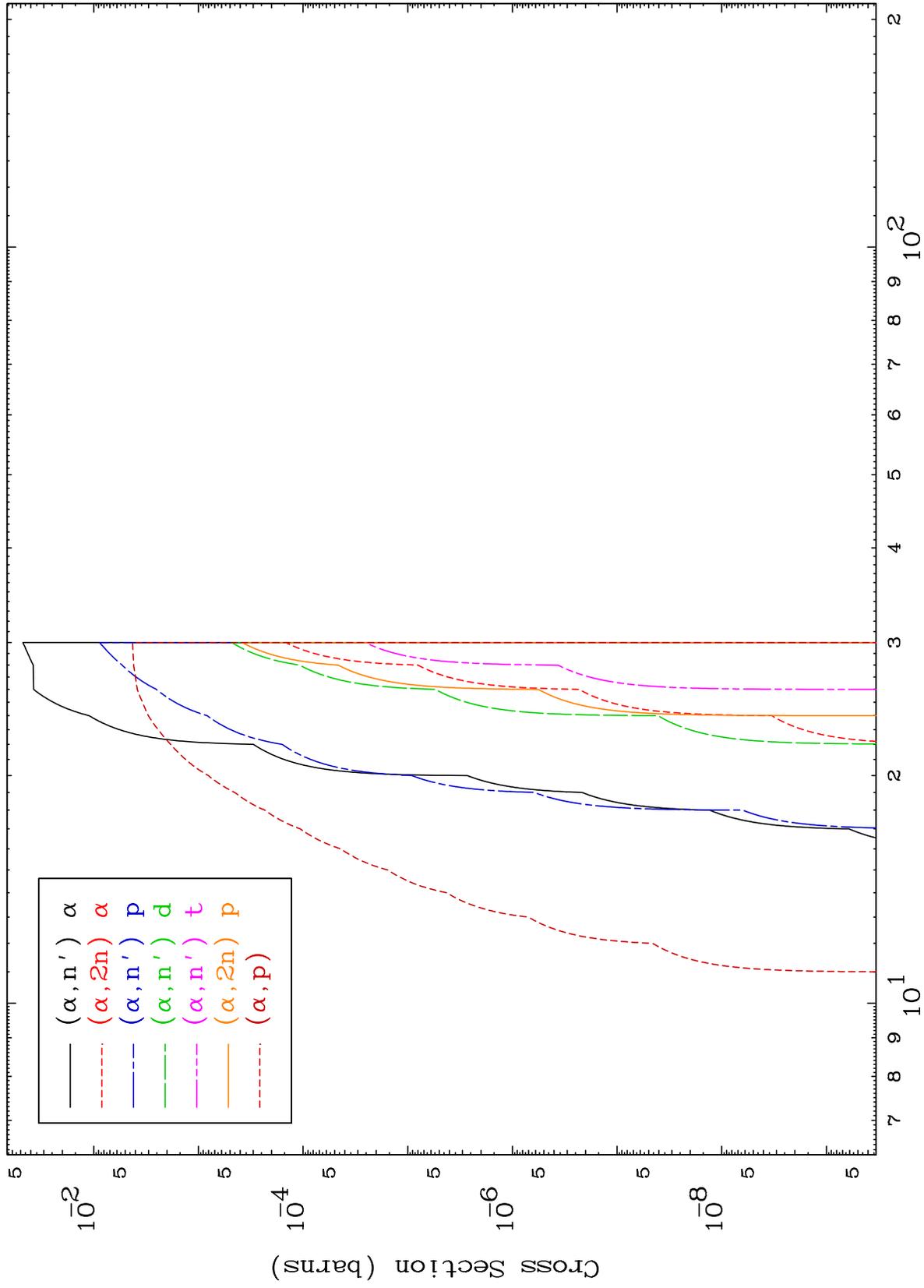
α Neutron Production
0 Kelvin Cross Sections

52-Te-128



Incident Energy (MeV)

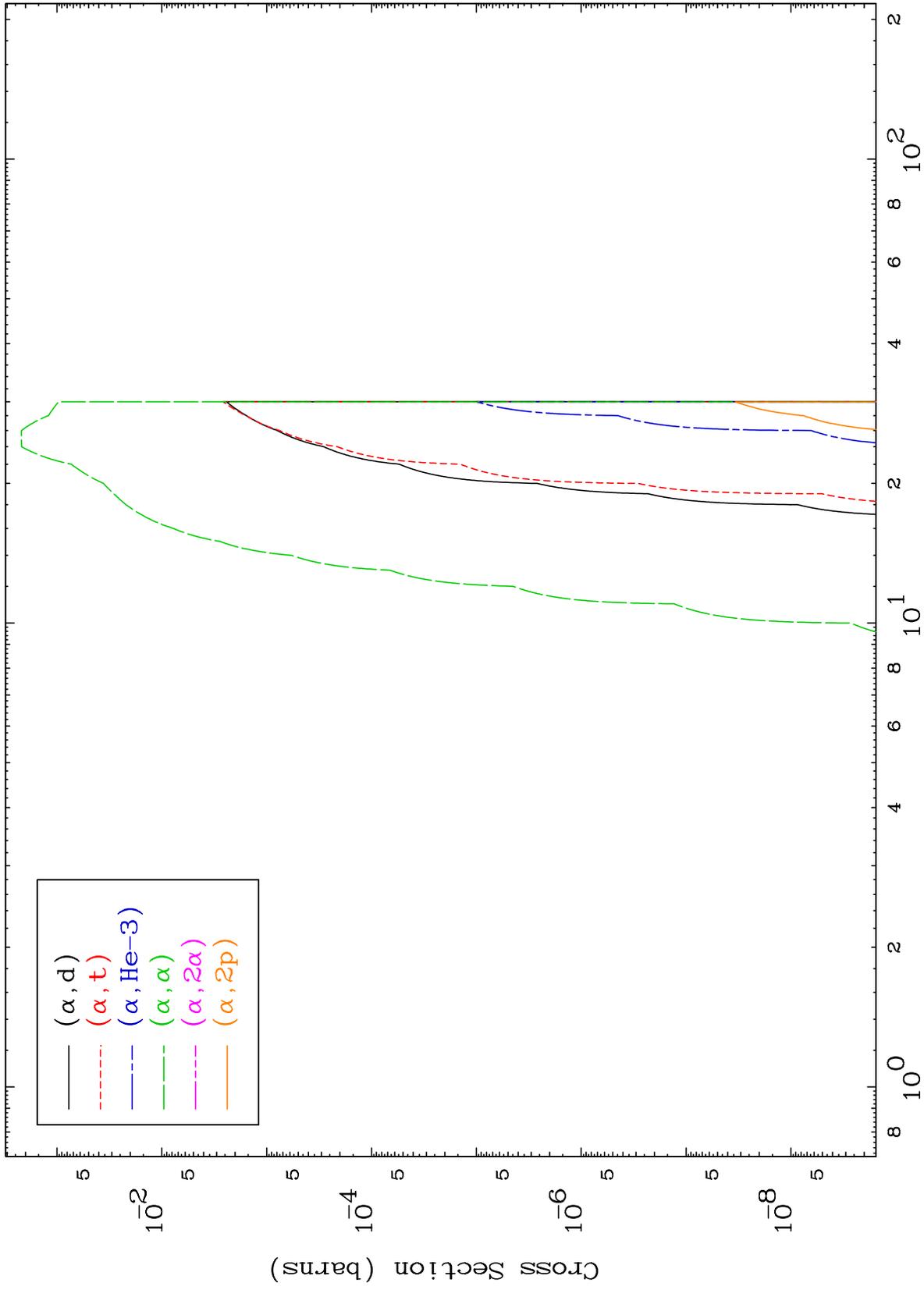
52-Te-128



MAT 5249

α Charged Particle
0 Kelvin Cross Sections

52-Te-128

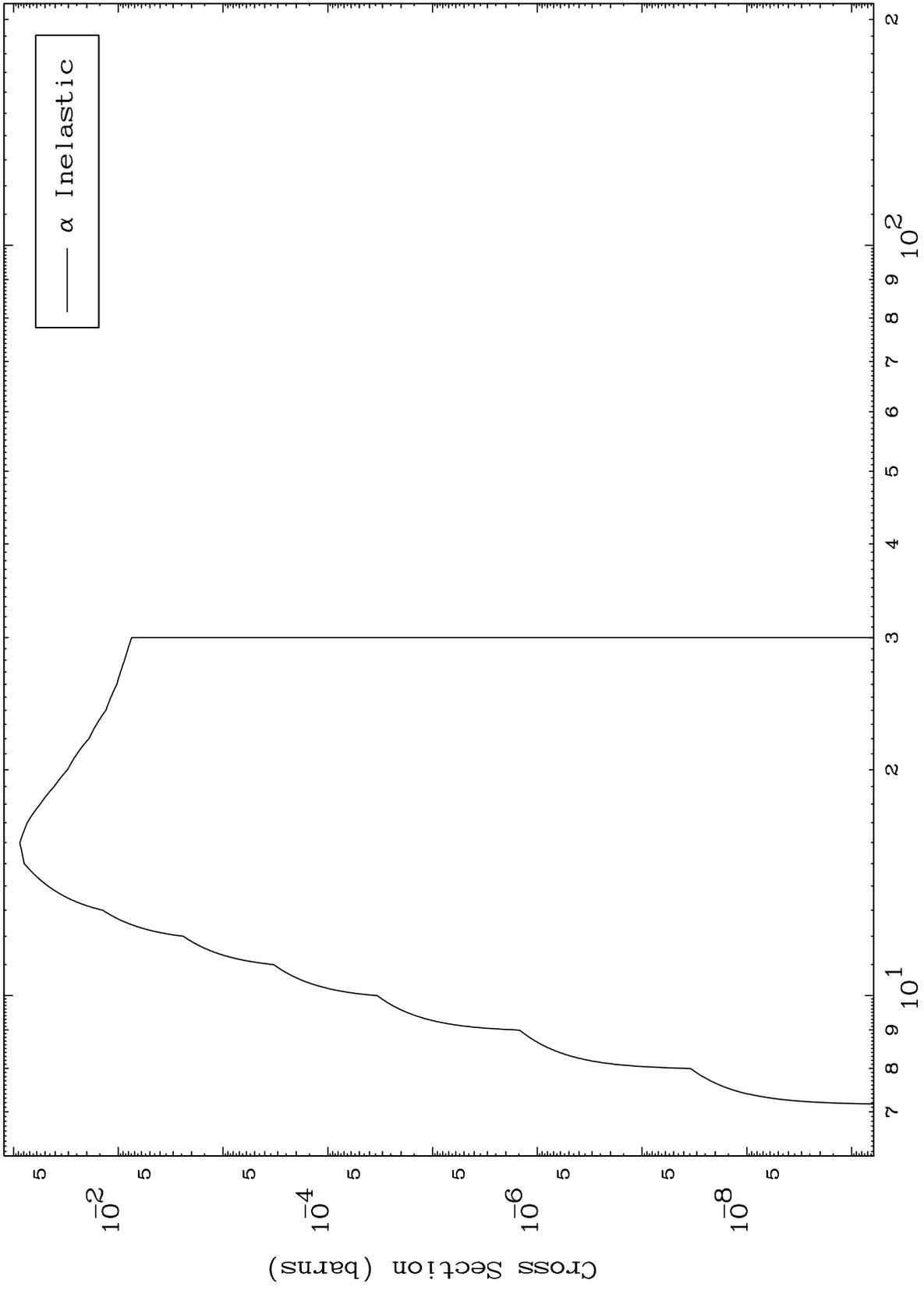


4

MAT 5249

(α, n') Level
0 Kelvin Cross Sections

52-Te-128



5

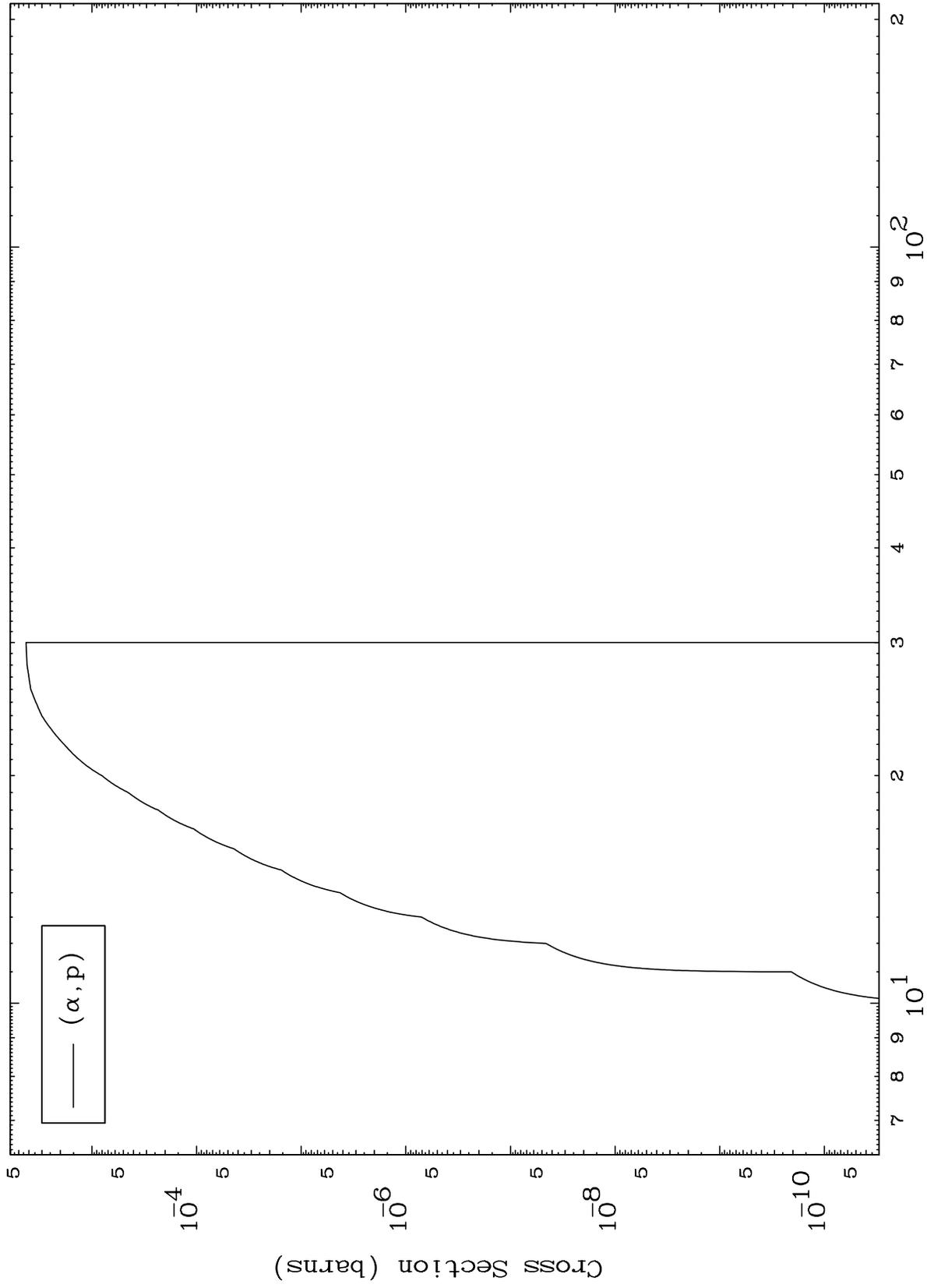
Incident Energy (MeV)

52-Te-128

MAT 5249

(α, p) Levels
0 Kelvin Cross Sections

52-Te-128



6

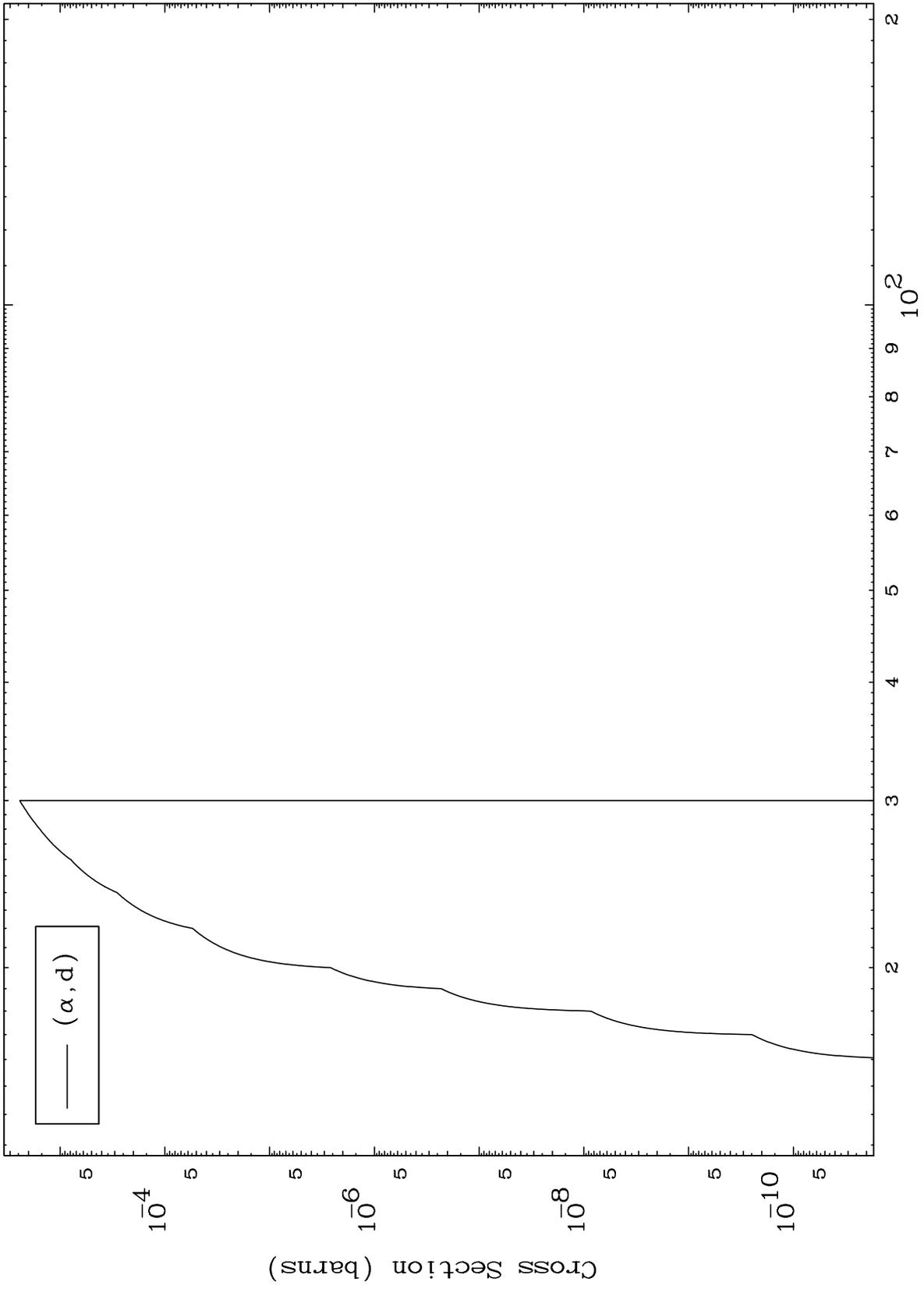
Incident Energy (MeV)

52-Te-128

MAT 5249

(α, d) Levels
0 Kelvin Cross Sections

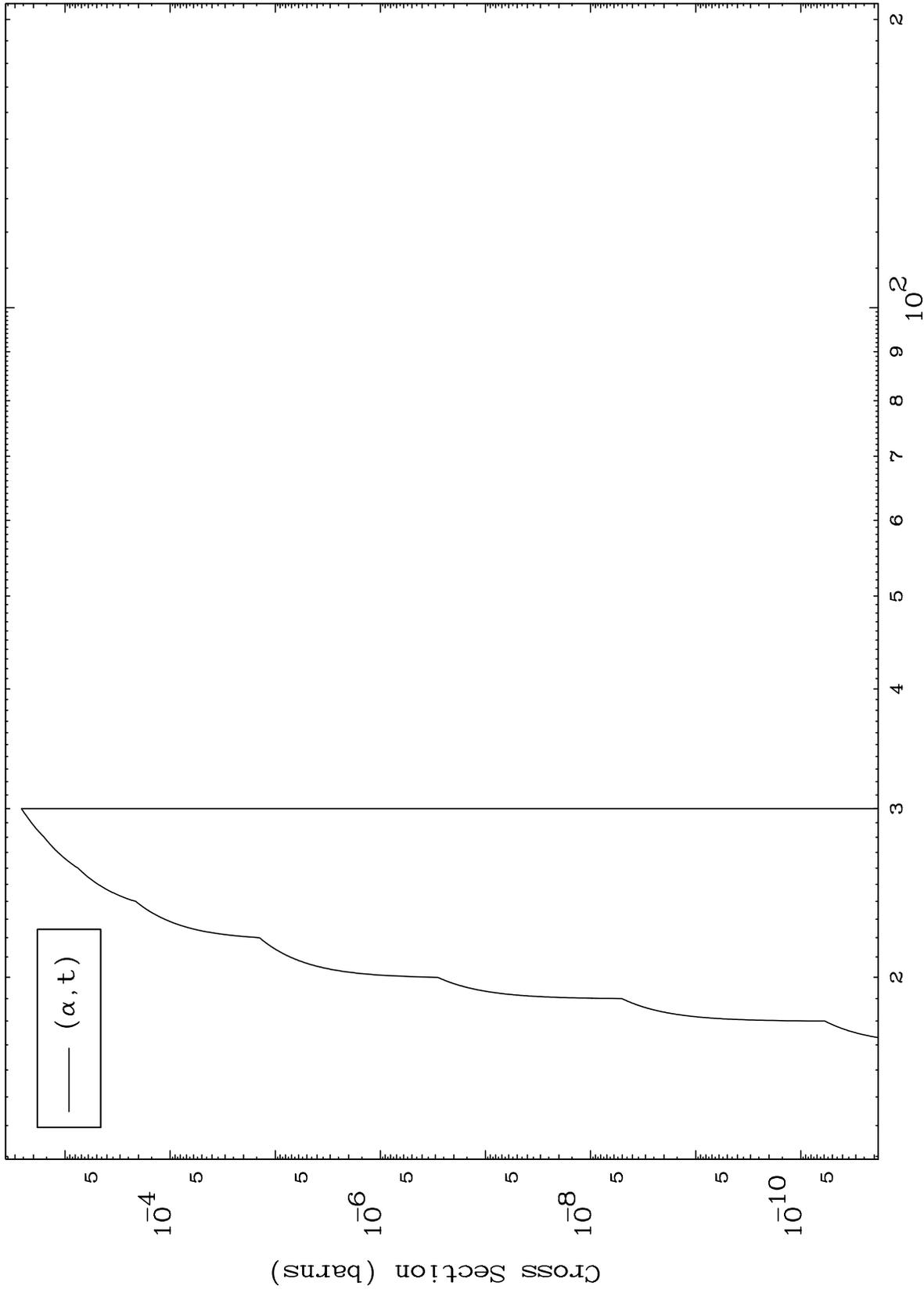
52-Te-128

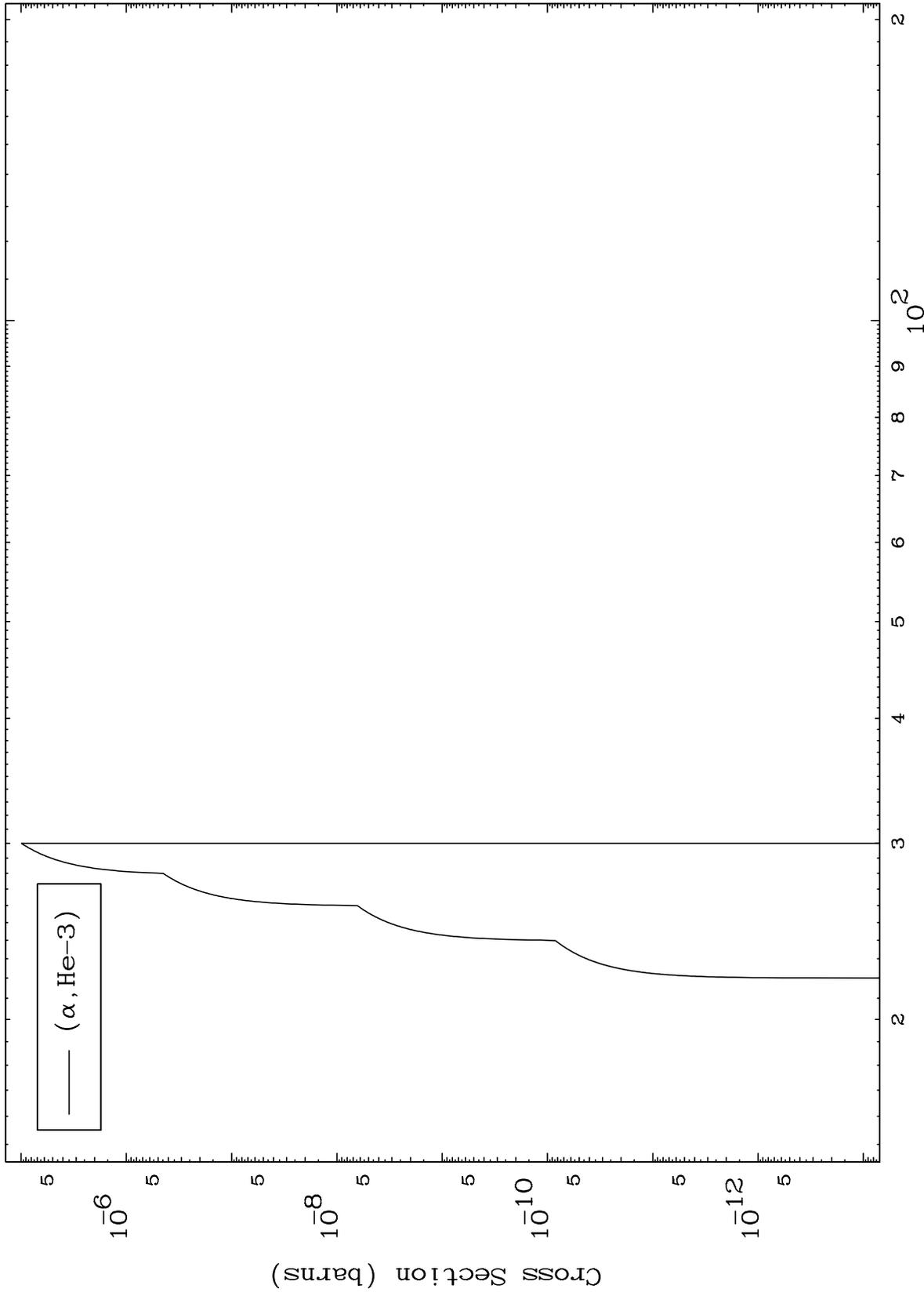


7

Incident Energy (MeV)

52-Te-128

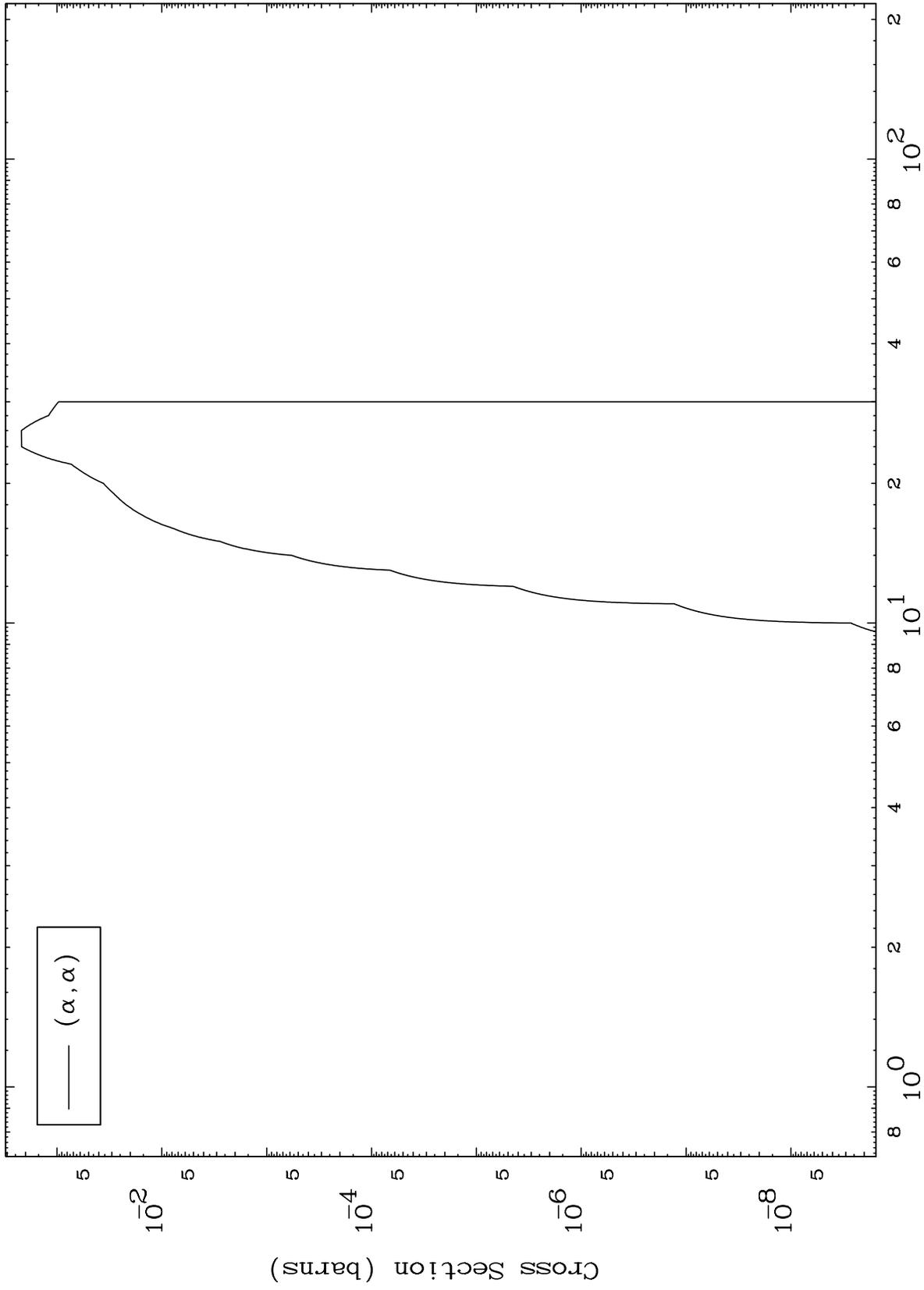




MAT 5249

52-Te-128

(α, α) Levels
0 Kelvin Cross Sections



10

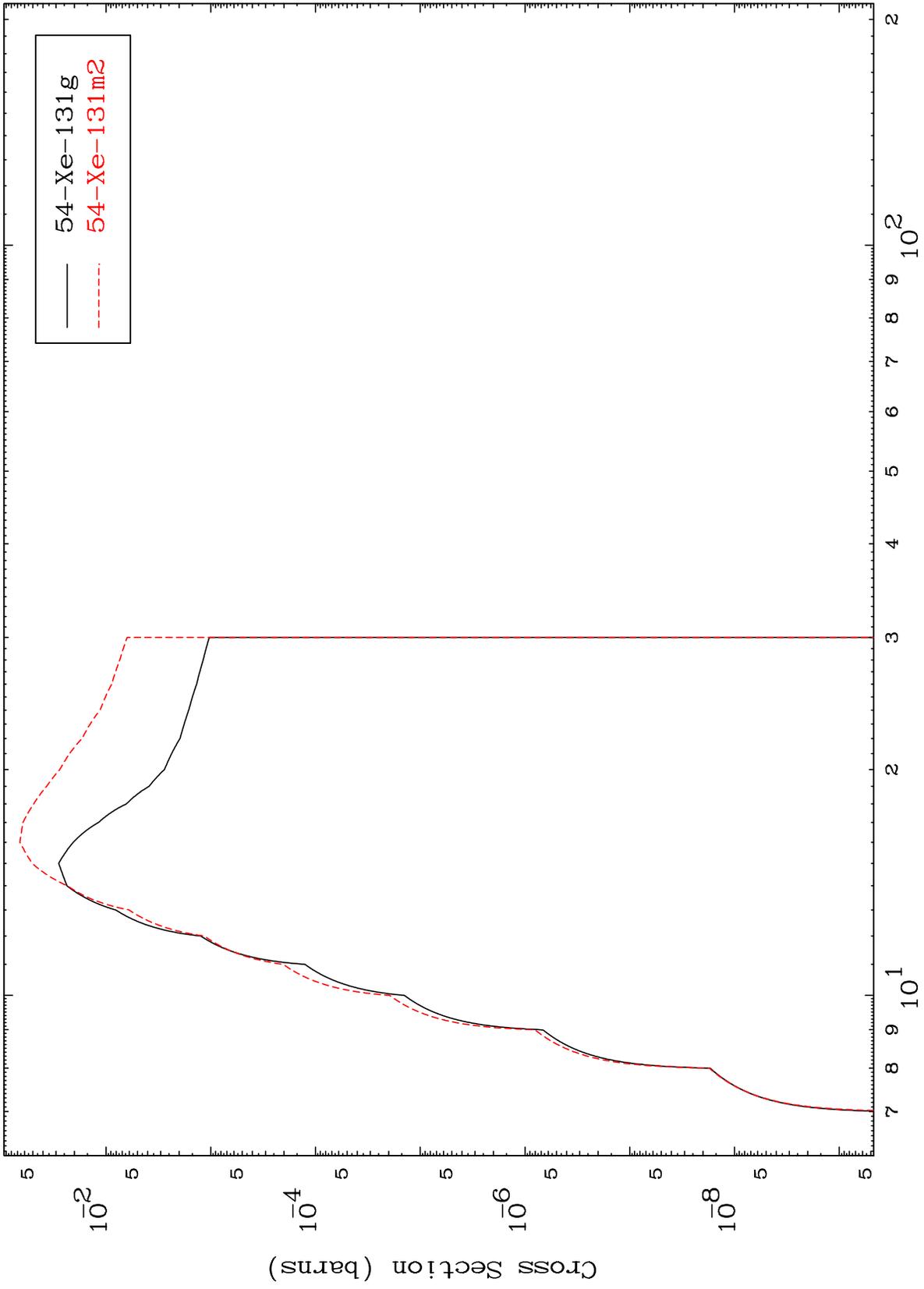
Incident Energy (MeV)

52-Te-128

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52-Te-128

α Inelastic
Radionuclide Production Cross Section



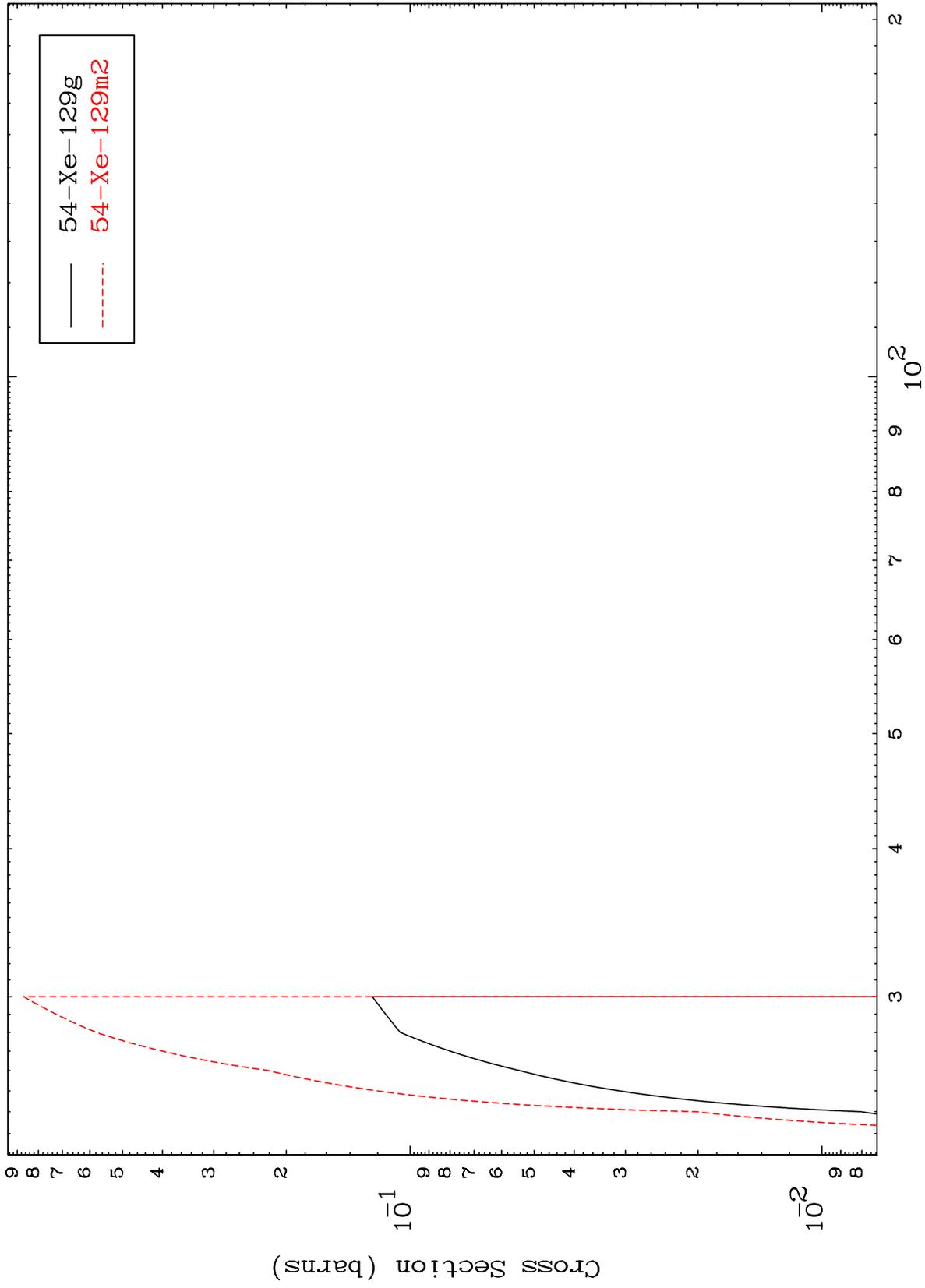
11

52-Te-128

MAT 5249

52-Te-128

($\alpha, 3n$)
Radionuclide Production Cross Section



12

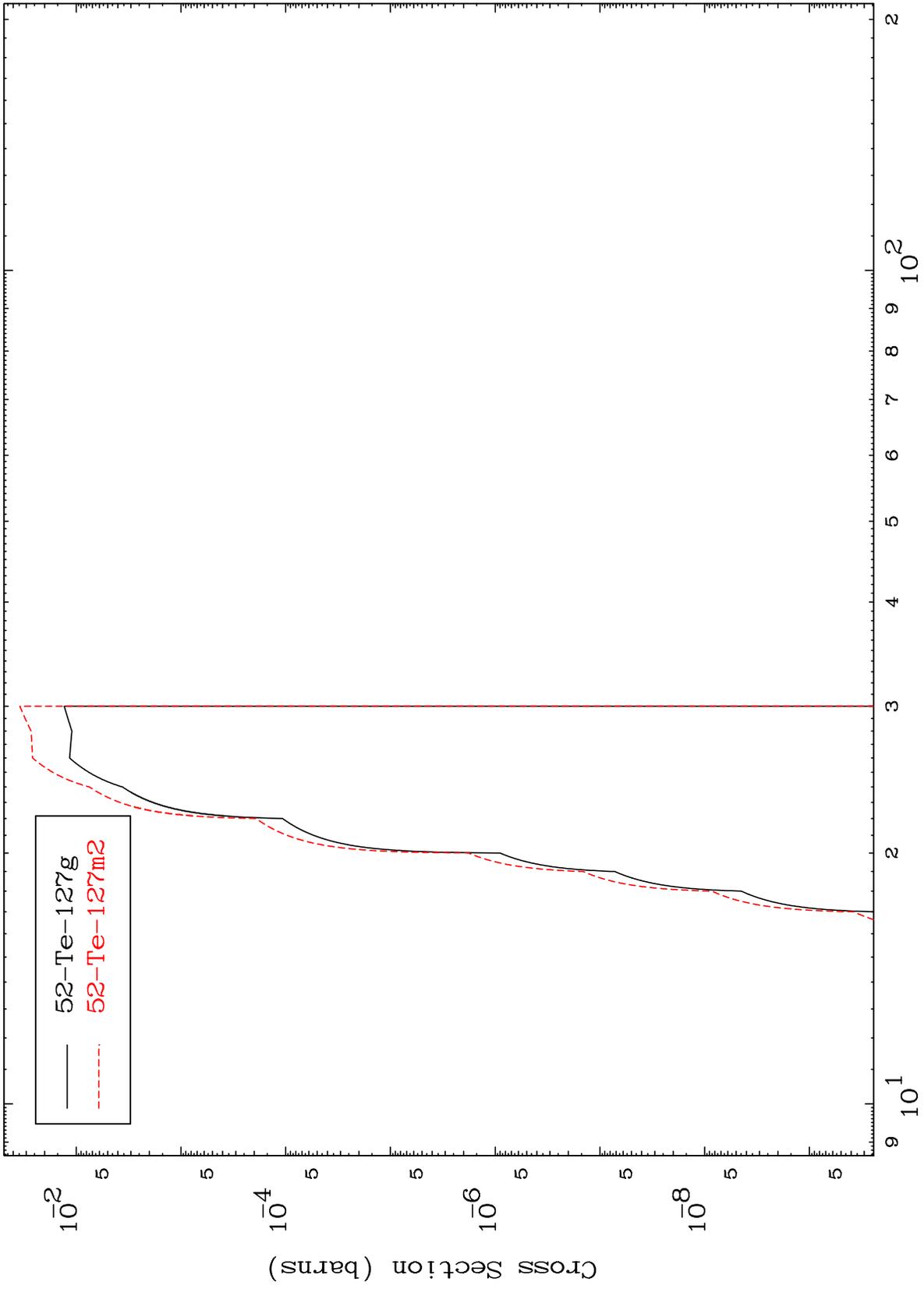
Incident Energy (MeV)

52-Te-128

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52-Te-128

(α, n') α
Radionuclide Production Cross Section



13

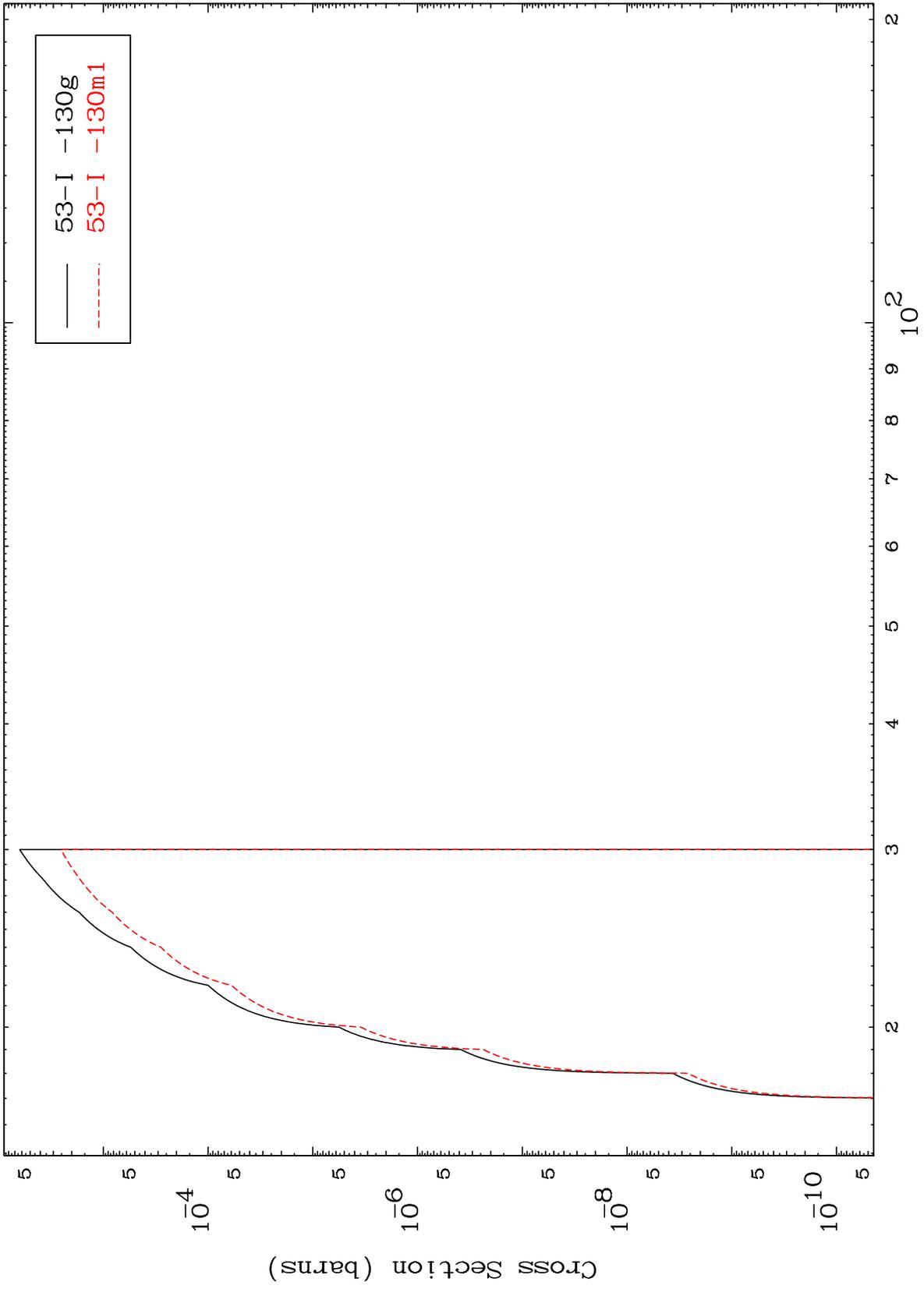
52-Te-128

MAT 5249

(α, n') p

⁵²Te-128

Radionuclide Production Cross Section



14

Incident Energy (MeV)

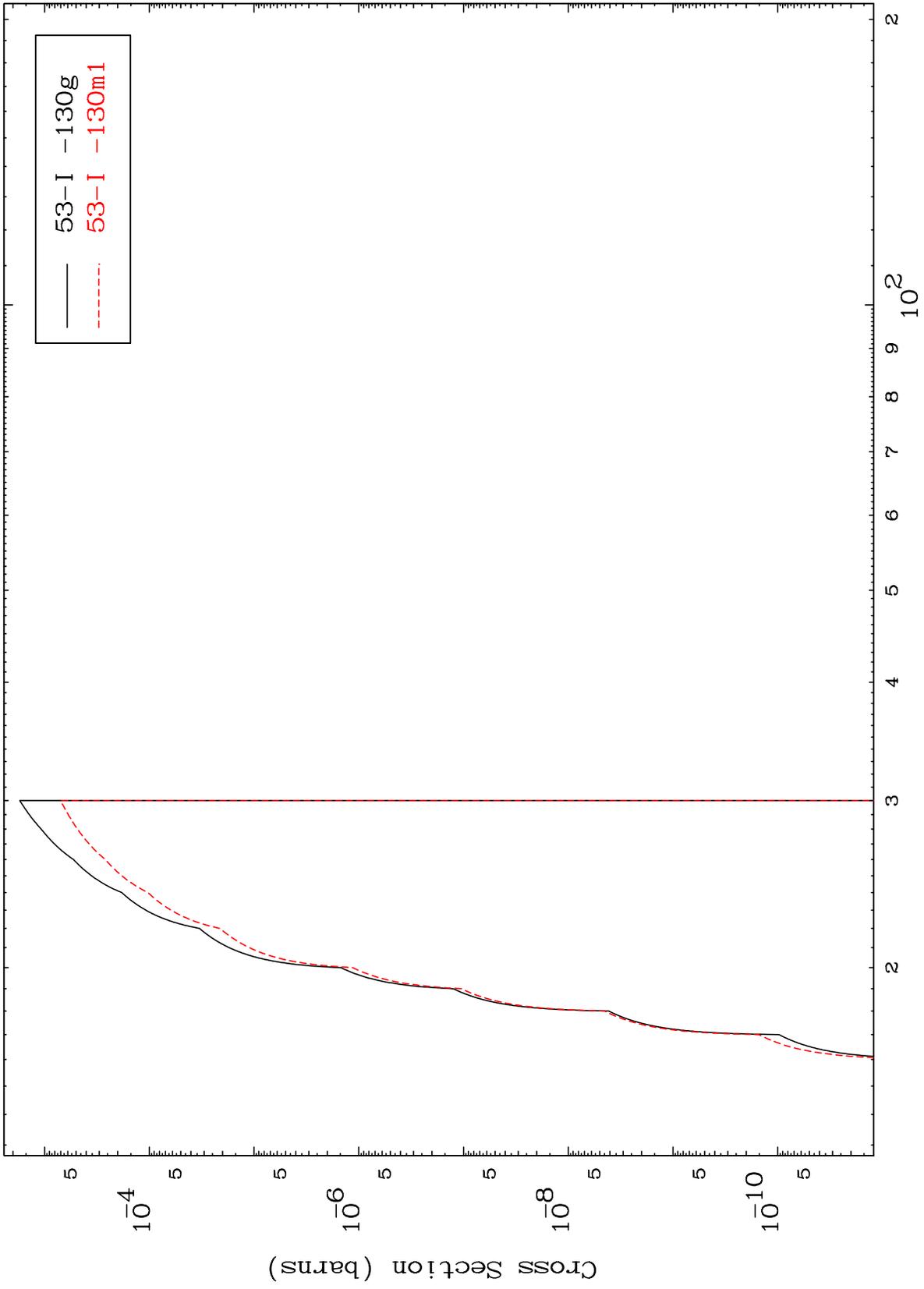
⁵²Te-128

MAT 5249

(α, d)

52-Te-128

Radionuclide Production Cross Section



15

Incident Energy (MeV)

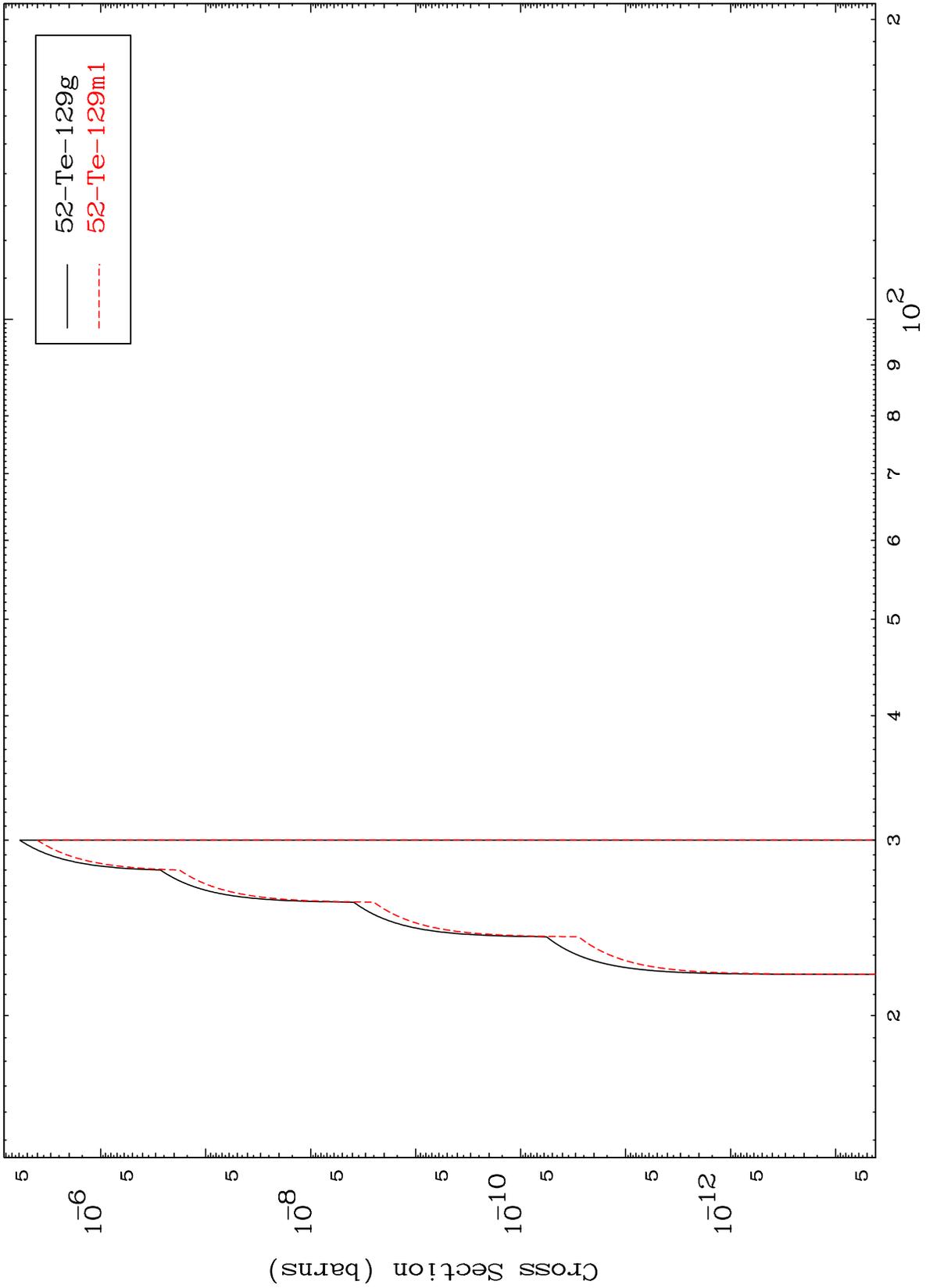
52-Te-128

MAT 5249

($\alpha, \text{He-3}$)

$^{52}\text{Te-128}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

$^{52}\text{Te-128}$