

Program EVALPLOT
(Version 2018-1)

by

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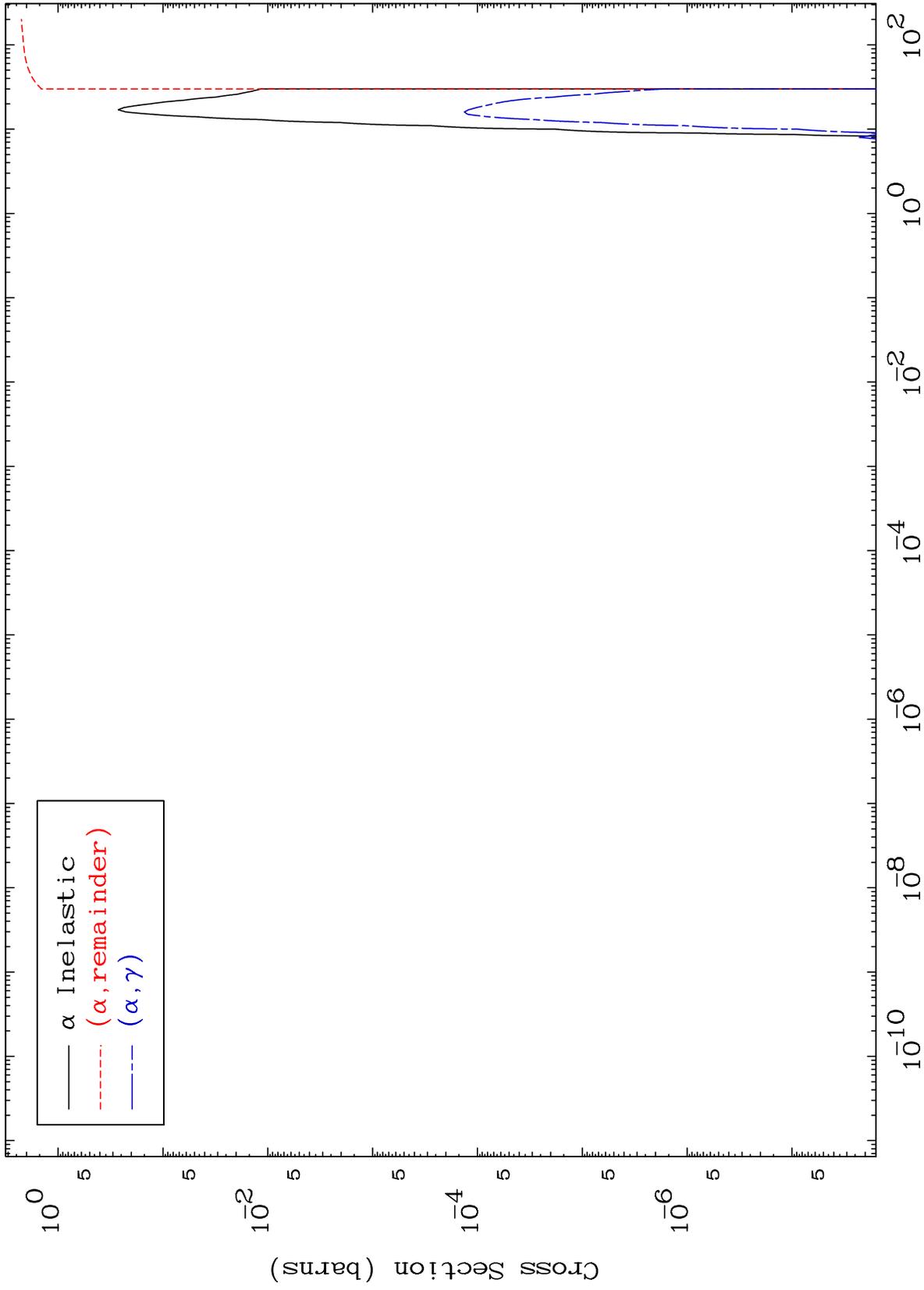
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5237

0 Kelvin α Major
Cross Sections

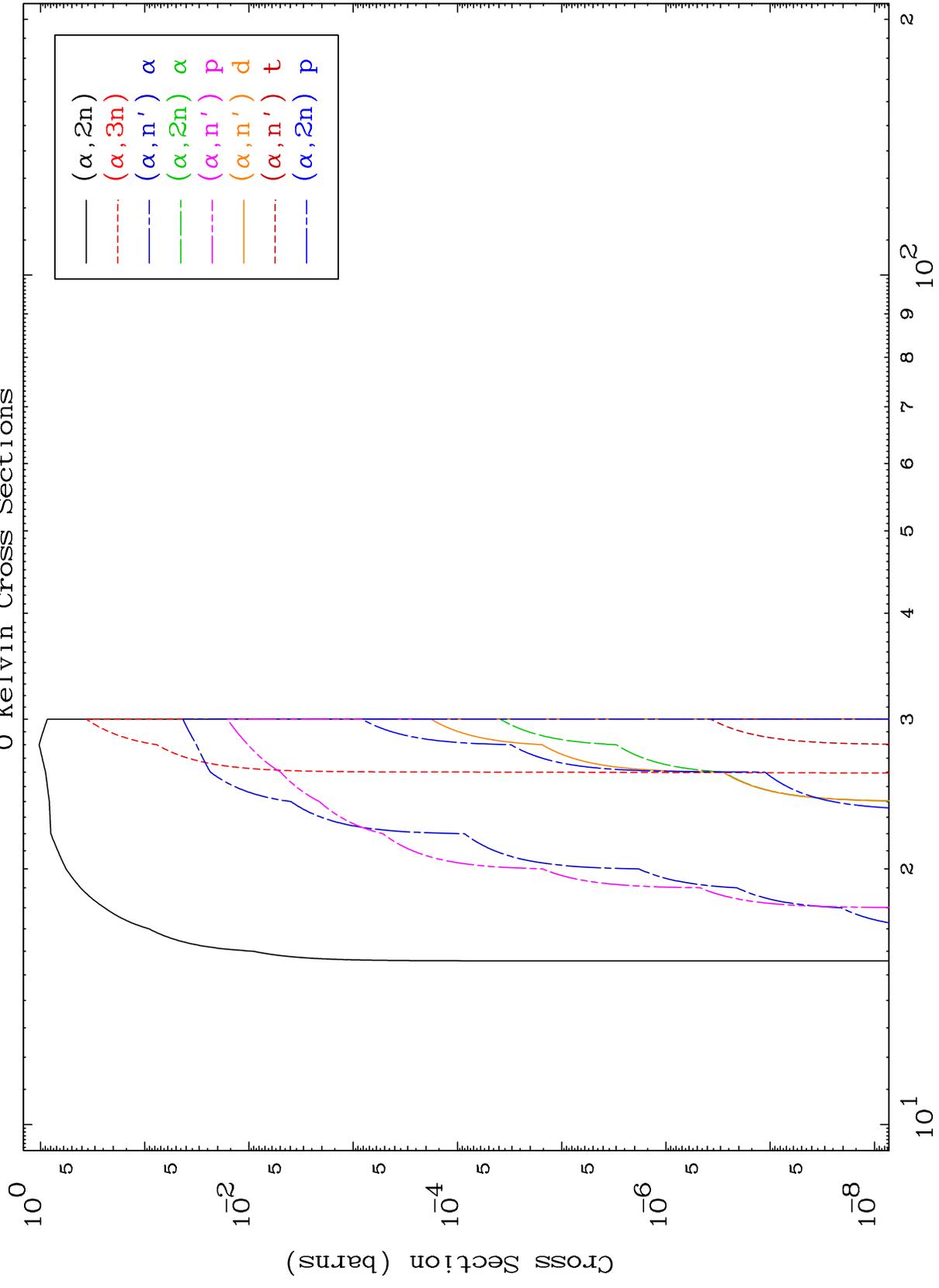
52-Te-124



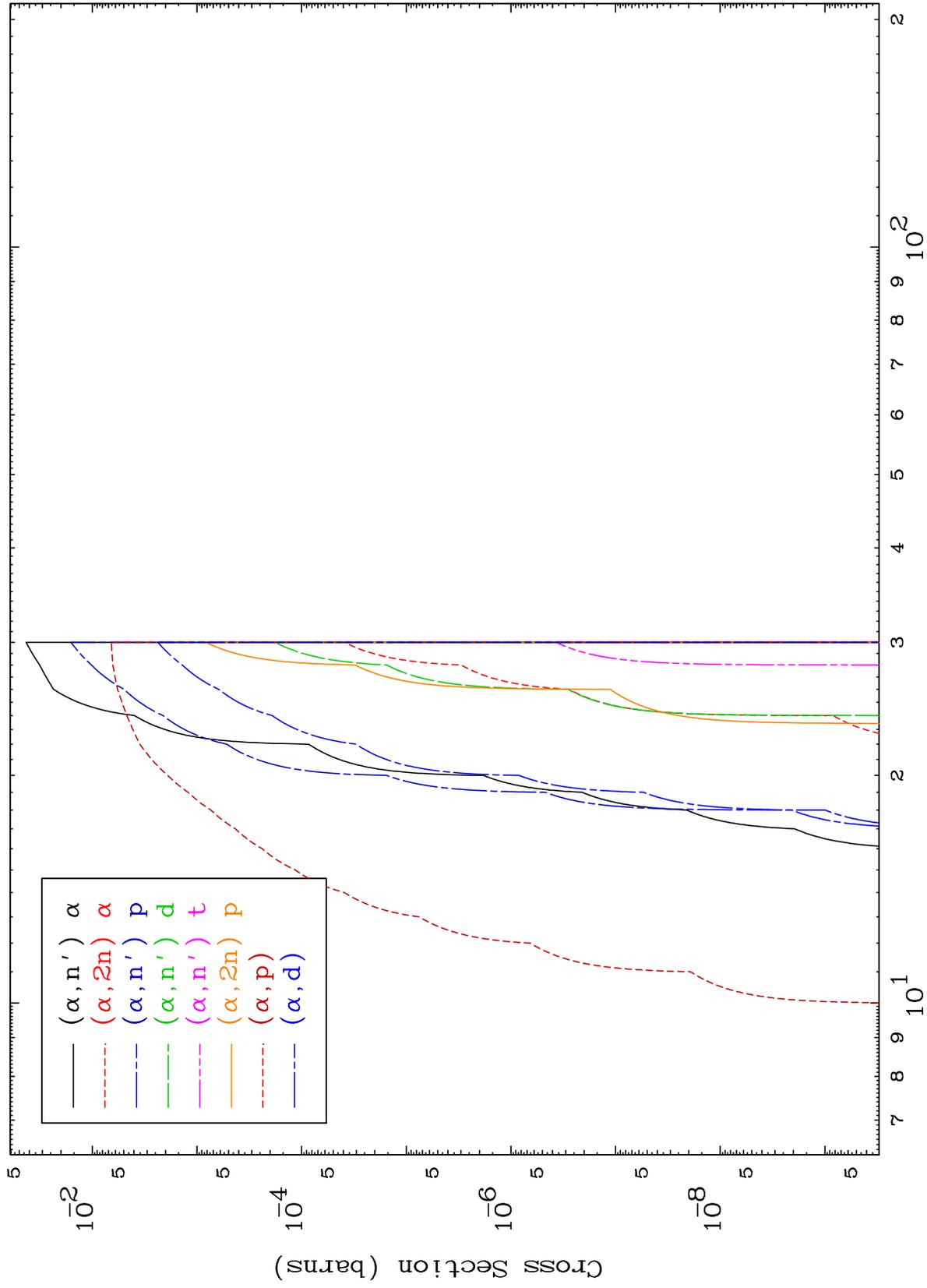
MAT 5237

α Neutron Production
0 Kelvin Cross Sections

⁵²Te-124



⁵²Te-124

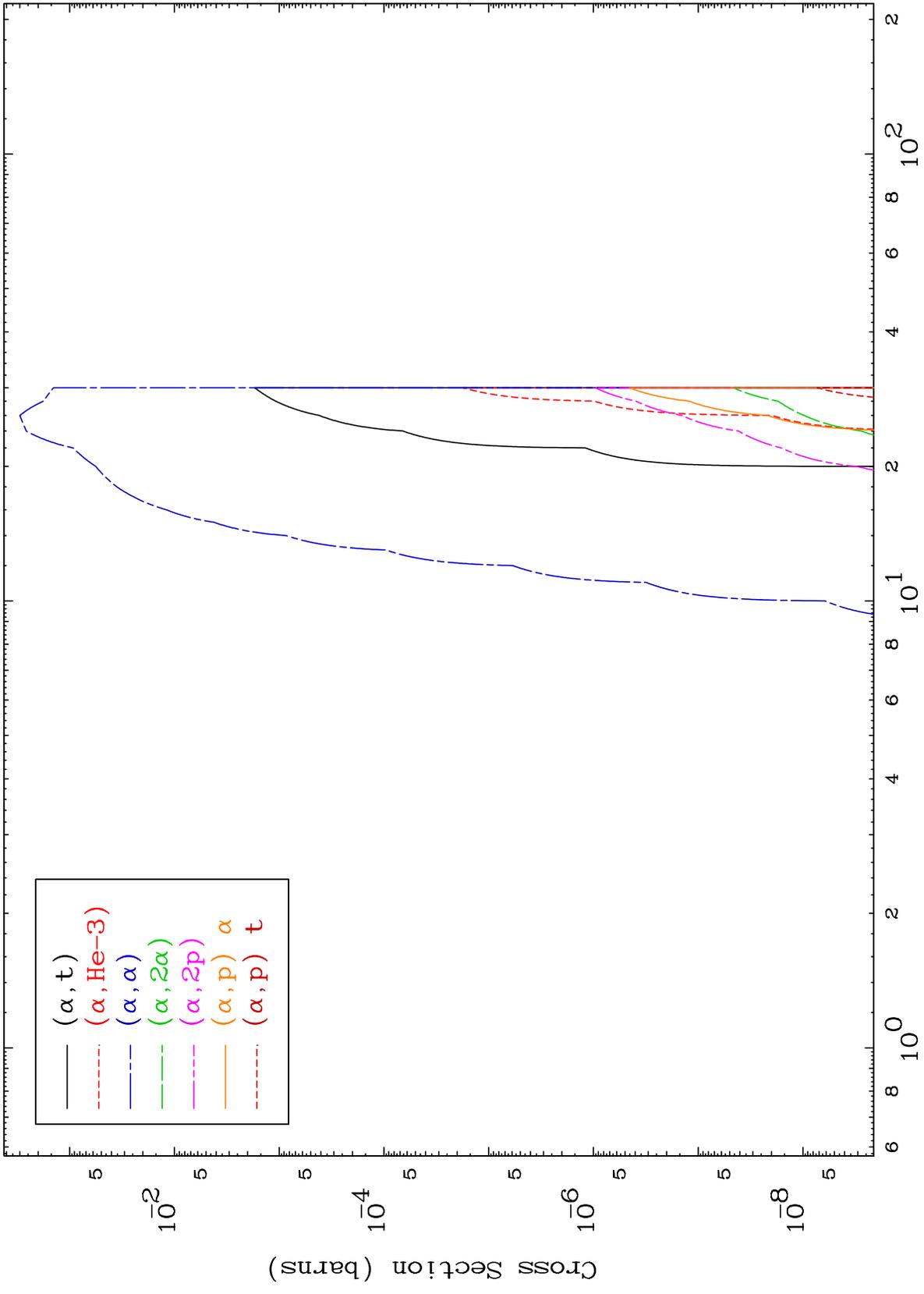


MAT 5237

α Charged Particle

52-Te-124

0 Kelvin Cross Sections



4

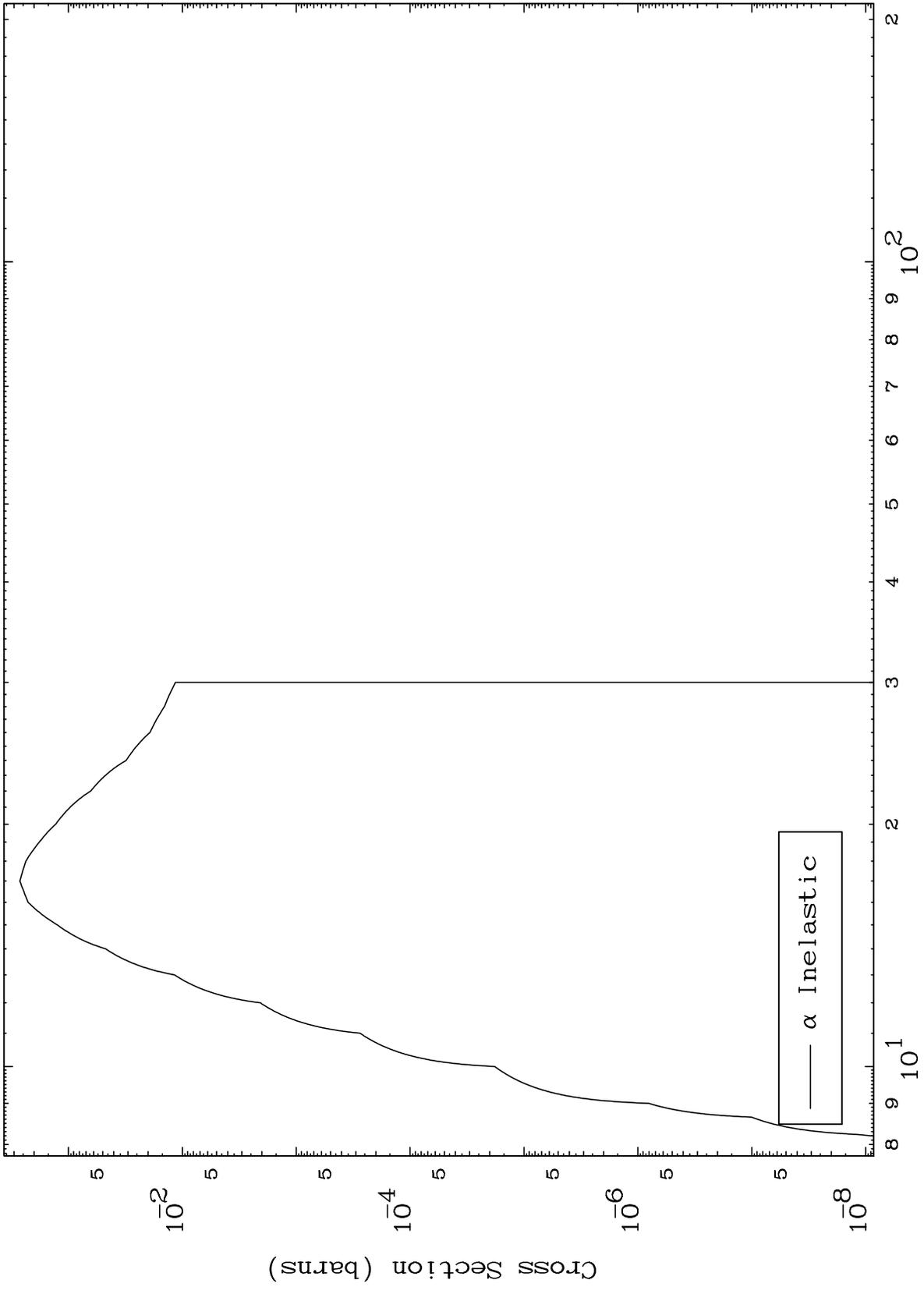
Incident Energy (MeV)

52-Te-124

MAT 5237

(α, n') Level
0 Kelvin Cross Sections

52-Te-124



5

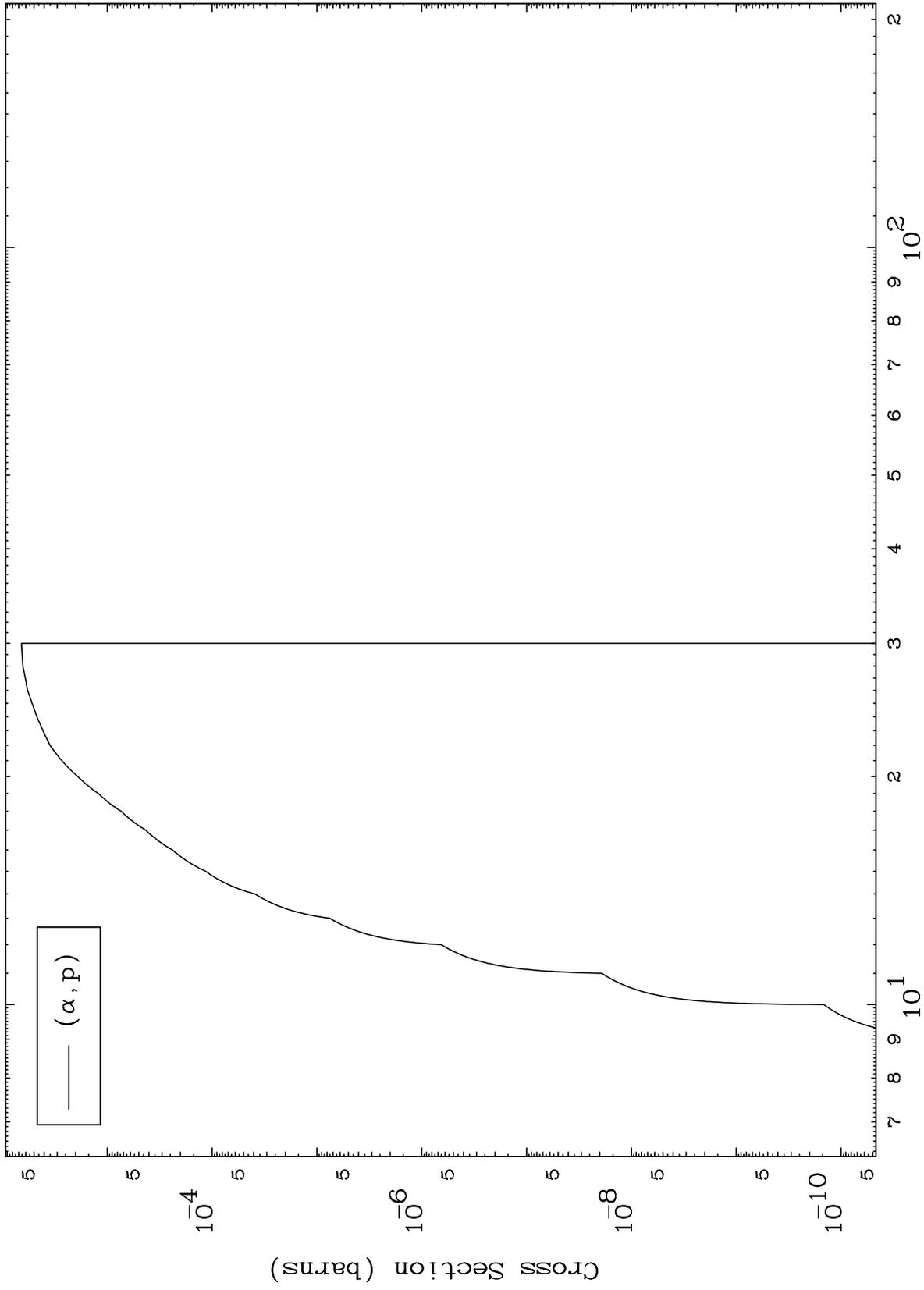
Incident Energy (MeV)

52-Te-124

MAT 5237

(α, p) Levels
0 Kelvin Cross Sections

52-Te-124



6

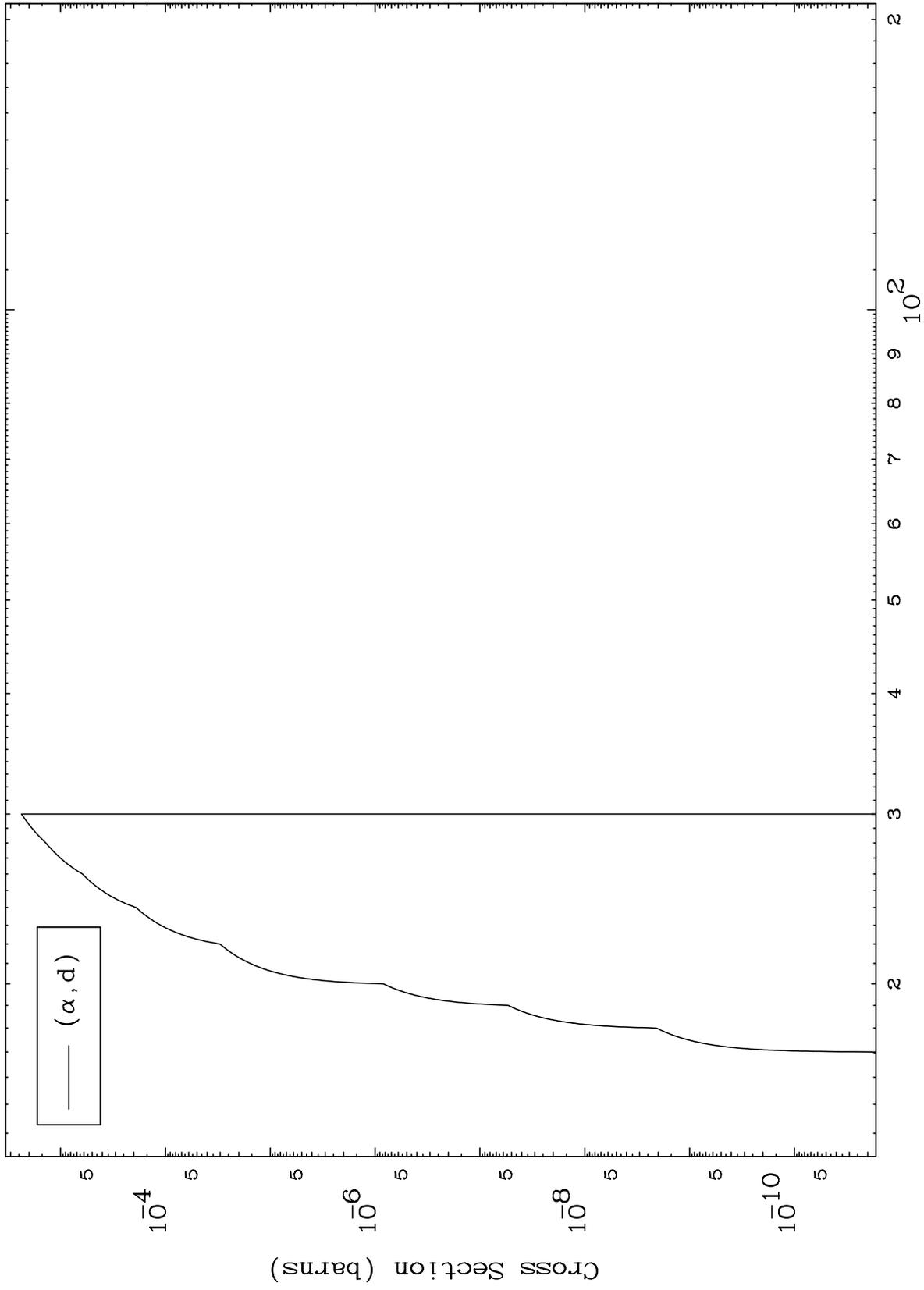
Incident Energy (MeV)

52-Te-124

MAT 5237

(α, d) Levels
0 Kelvin Cross Sections

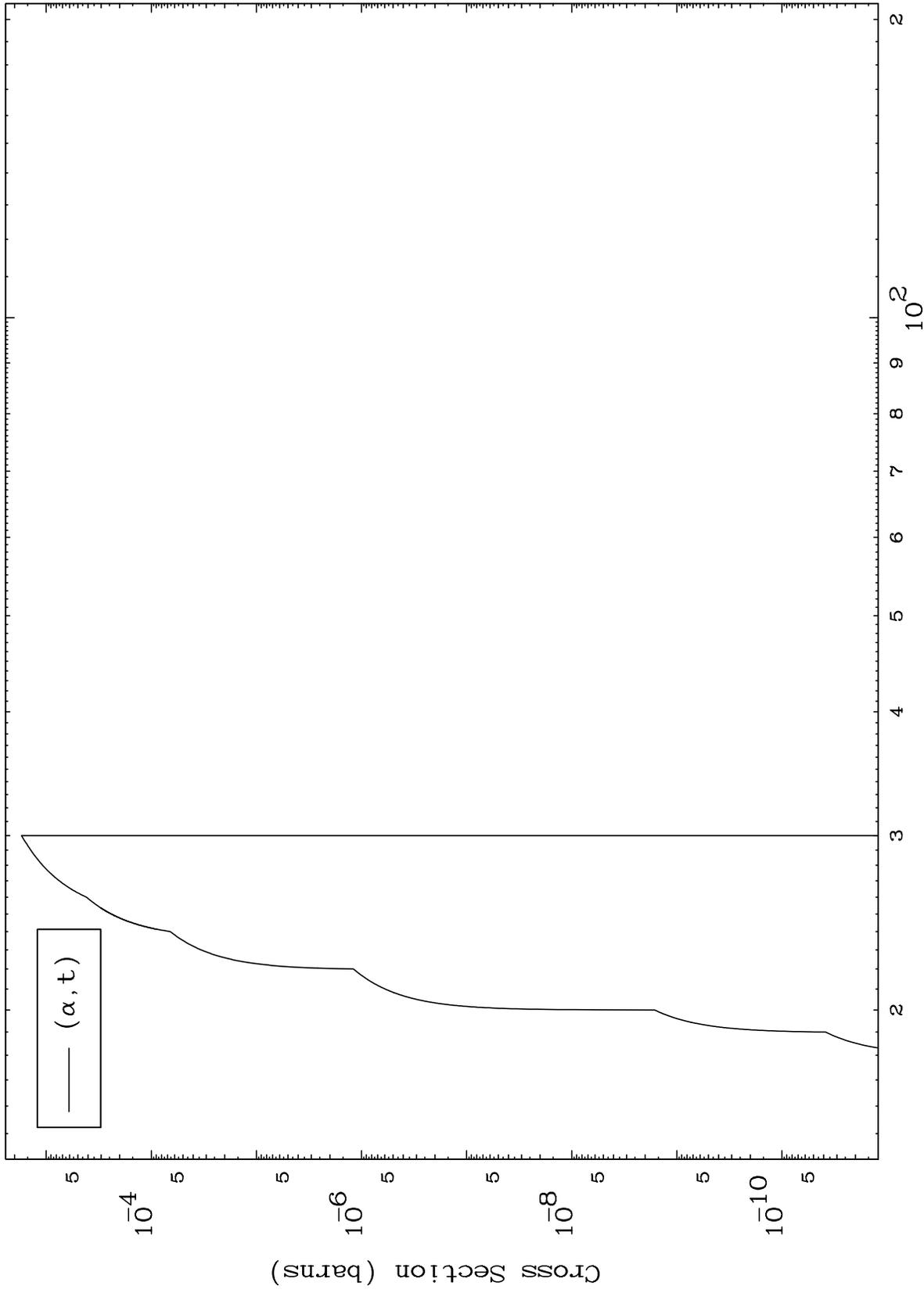
52-Te-124

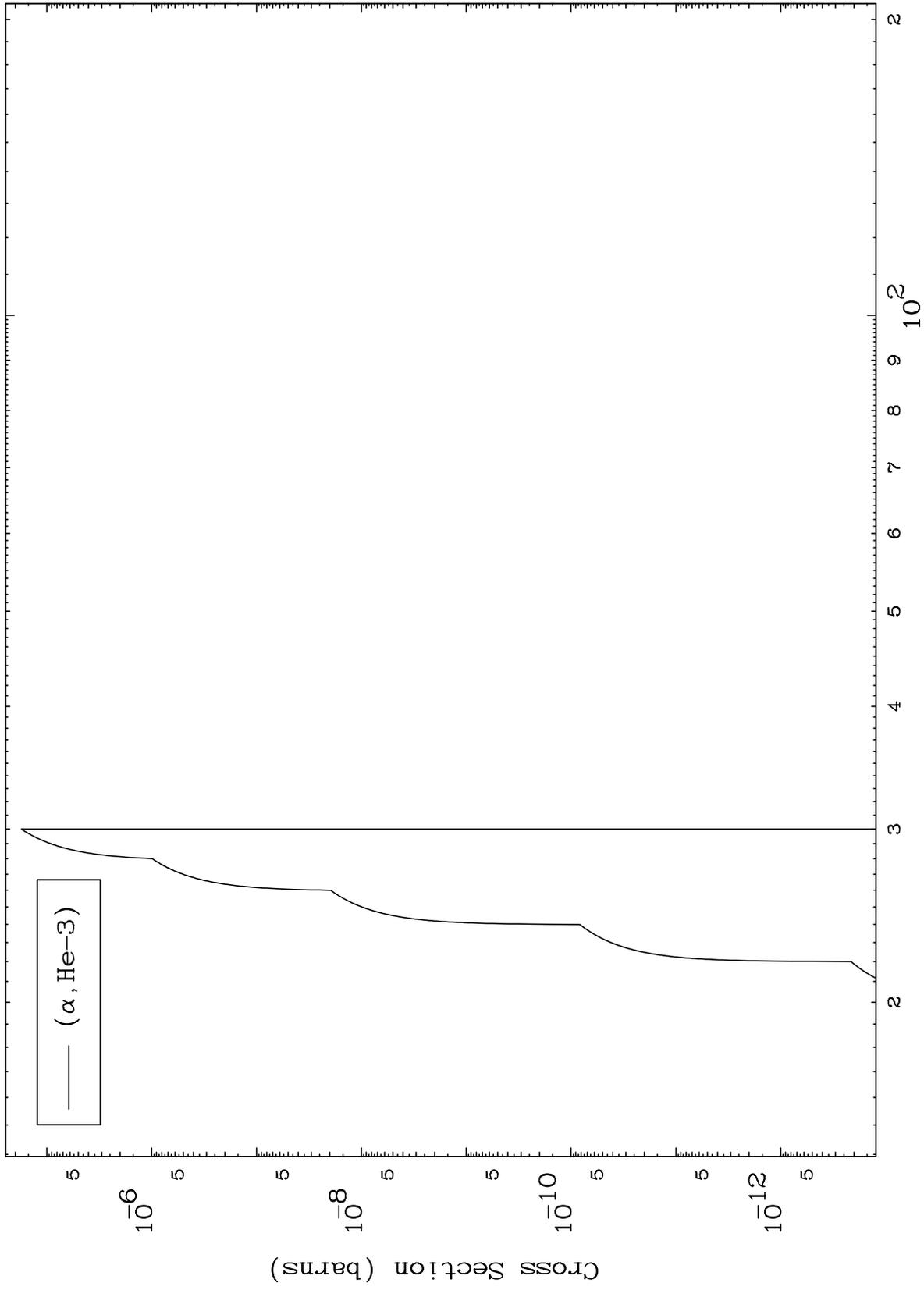


MAT 5237

(α, t) Levels
0 Kelvin Cross Sections

52-Te-124

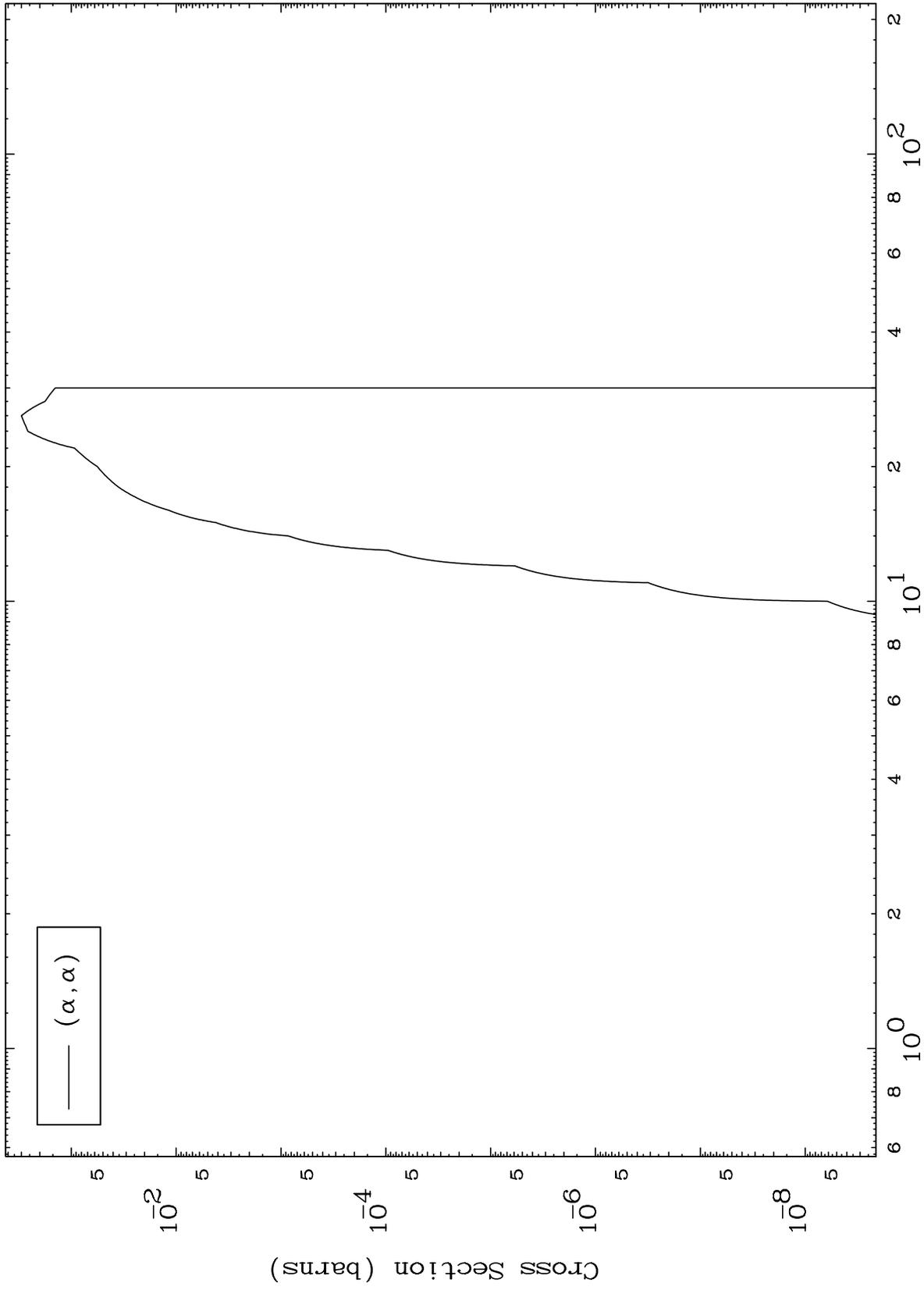




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(α, α) Levels
0 Kelvin Cross Sections

52-Te-124

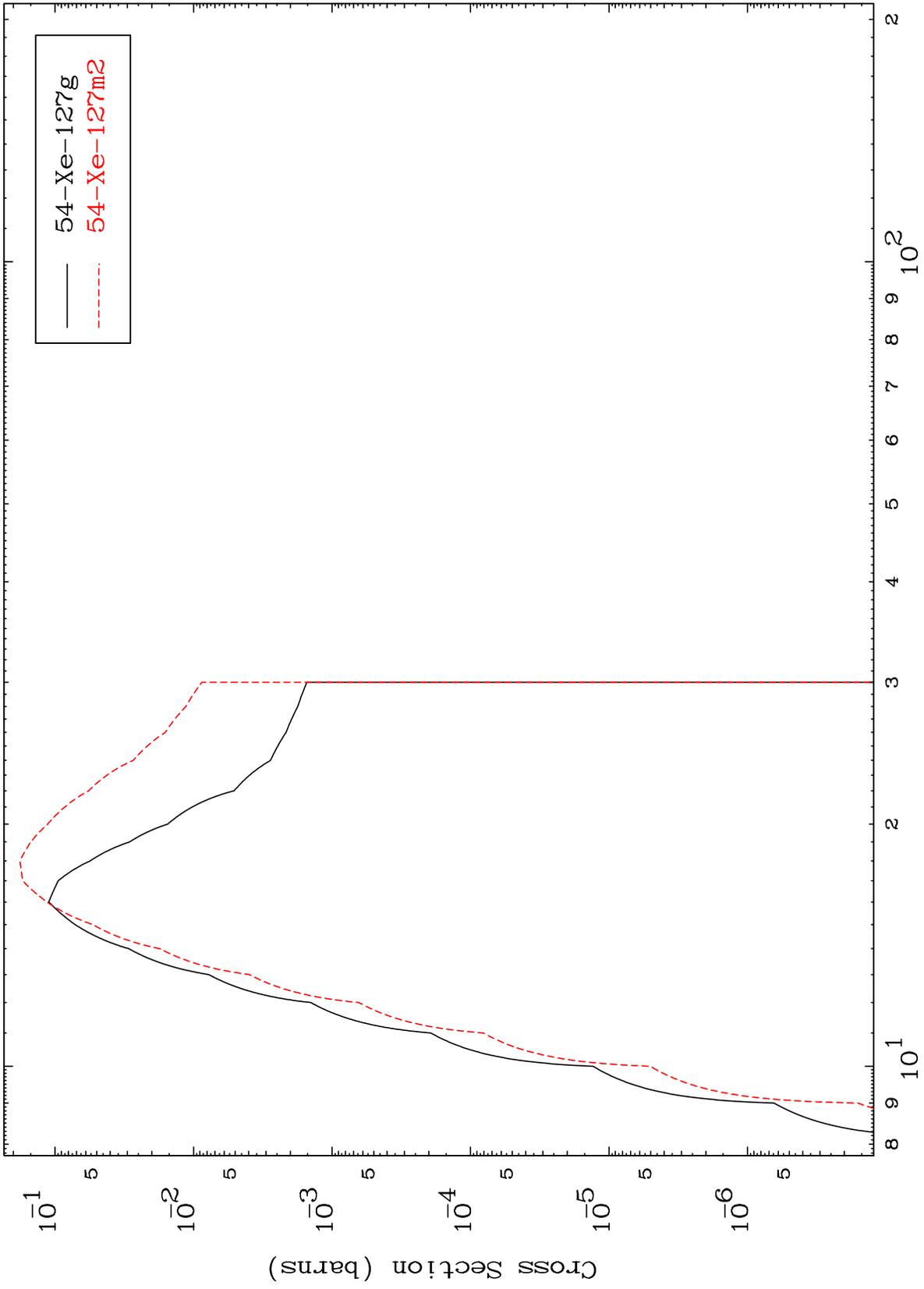


10

Incident Energy (MeV)

52-Te-124

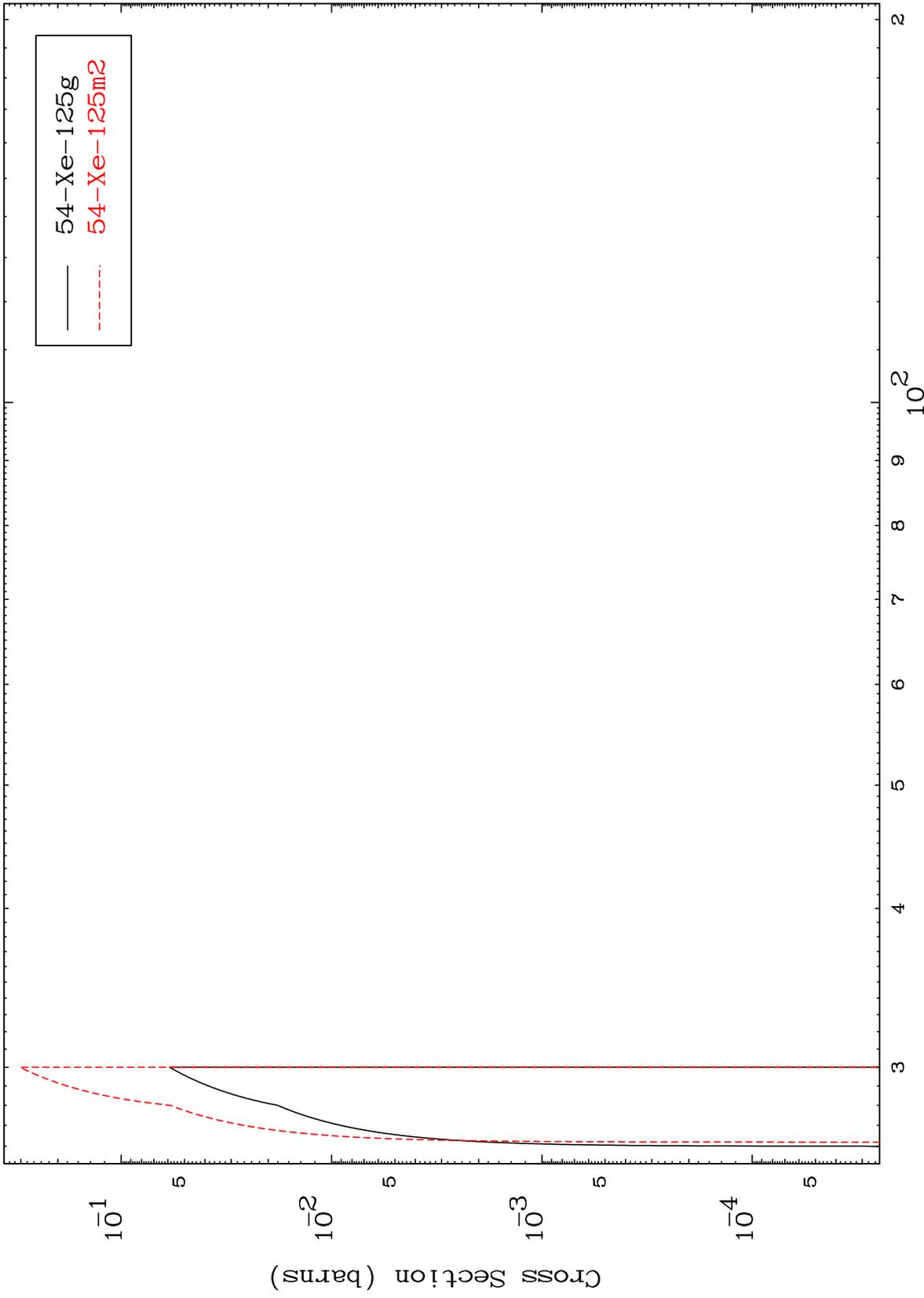
α Inelastic
Radionuclide Production Cross Section



MAT 5237

52-Te-124

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



12

Incident Energy (MeV)

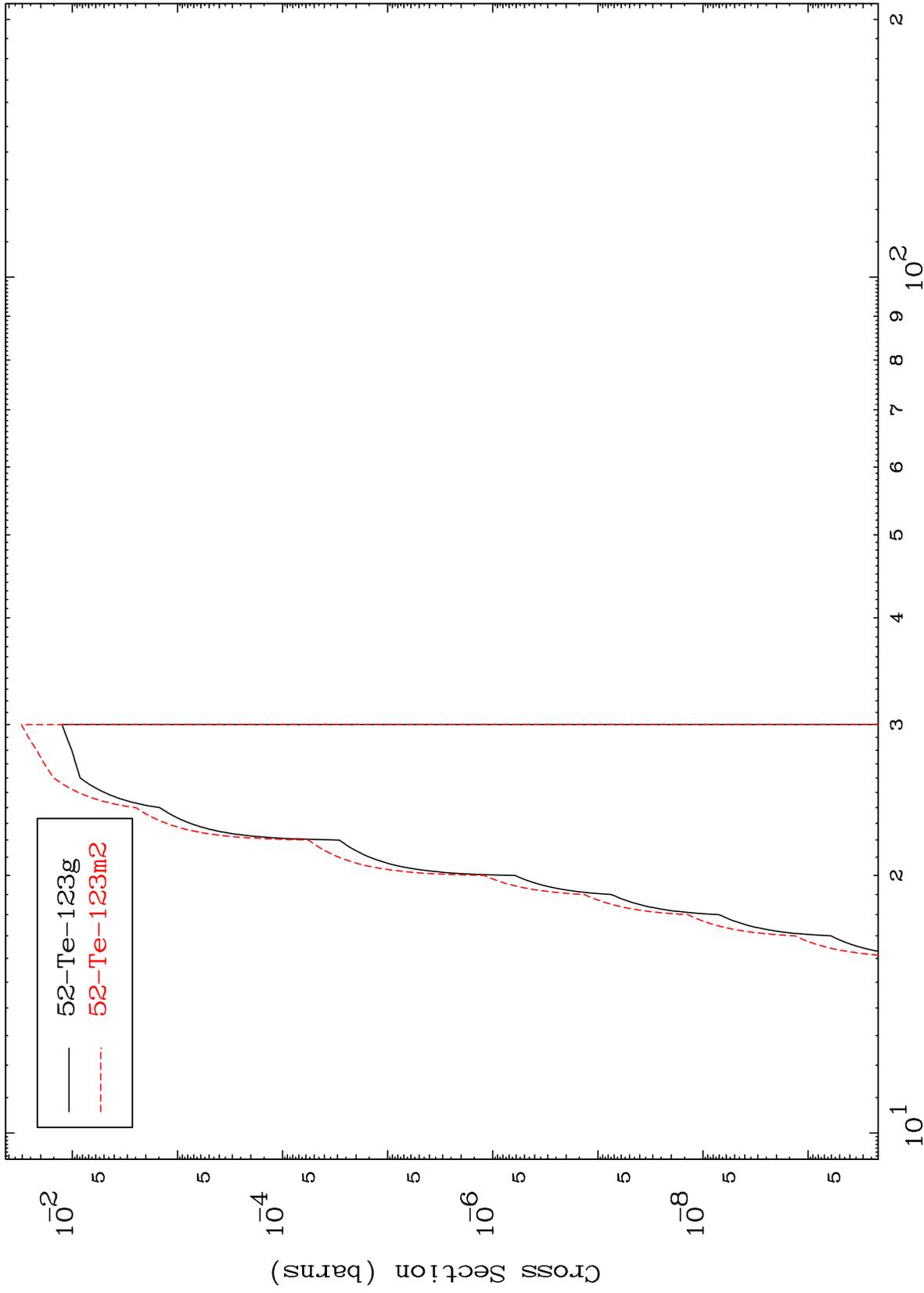
52-Te-124

MAT 5237

(α, n') α

52-Te-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

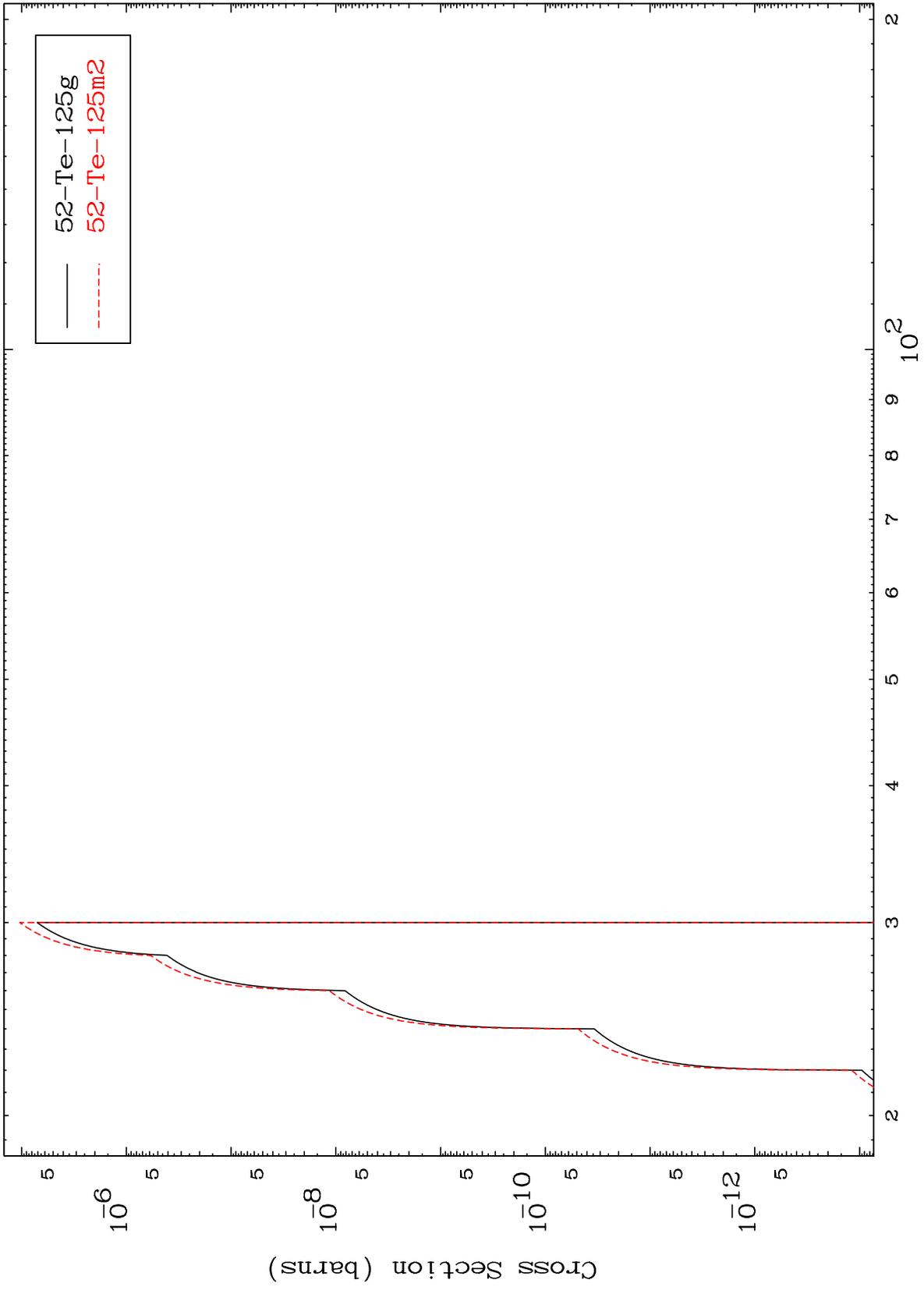
52-Te-124

MAT 5237

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

$^{52}\text{Te-124}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

$^{52}\text{Te-124}$