

Program EVALPLOT
(Version 2018-1)

by

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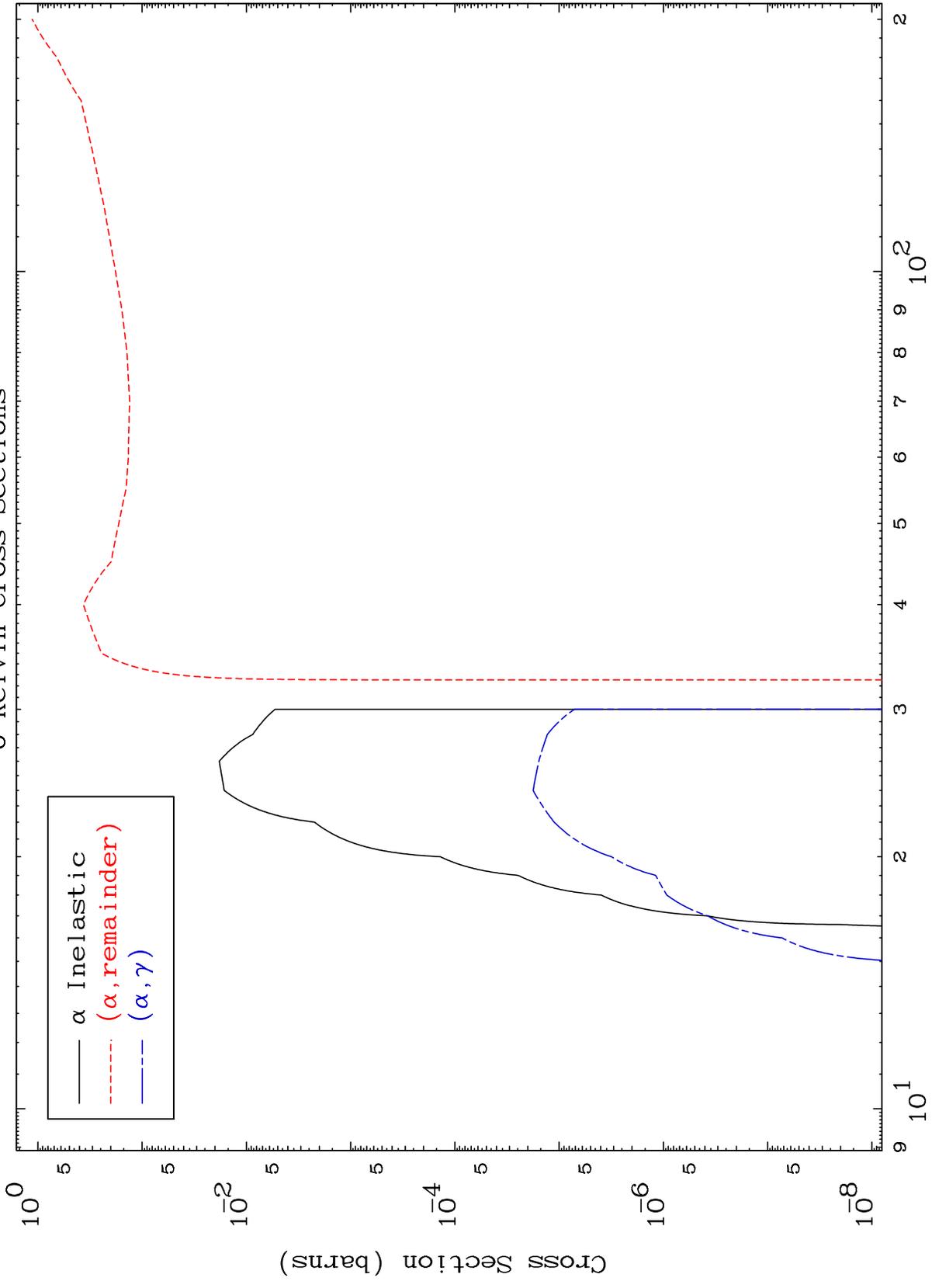
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9949

0 Kelvin α Major
Cross Sections

101-Md-248



1

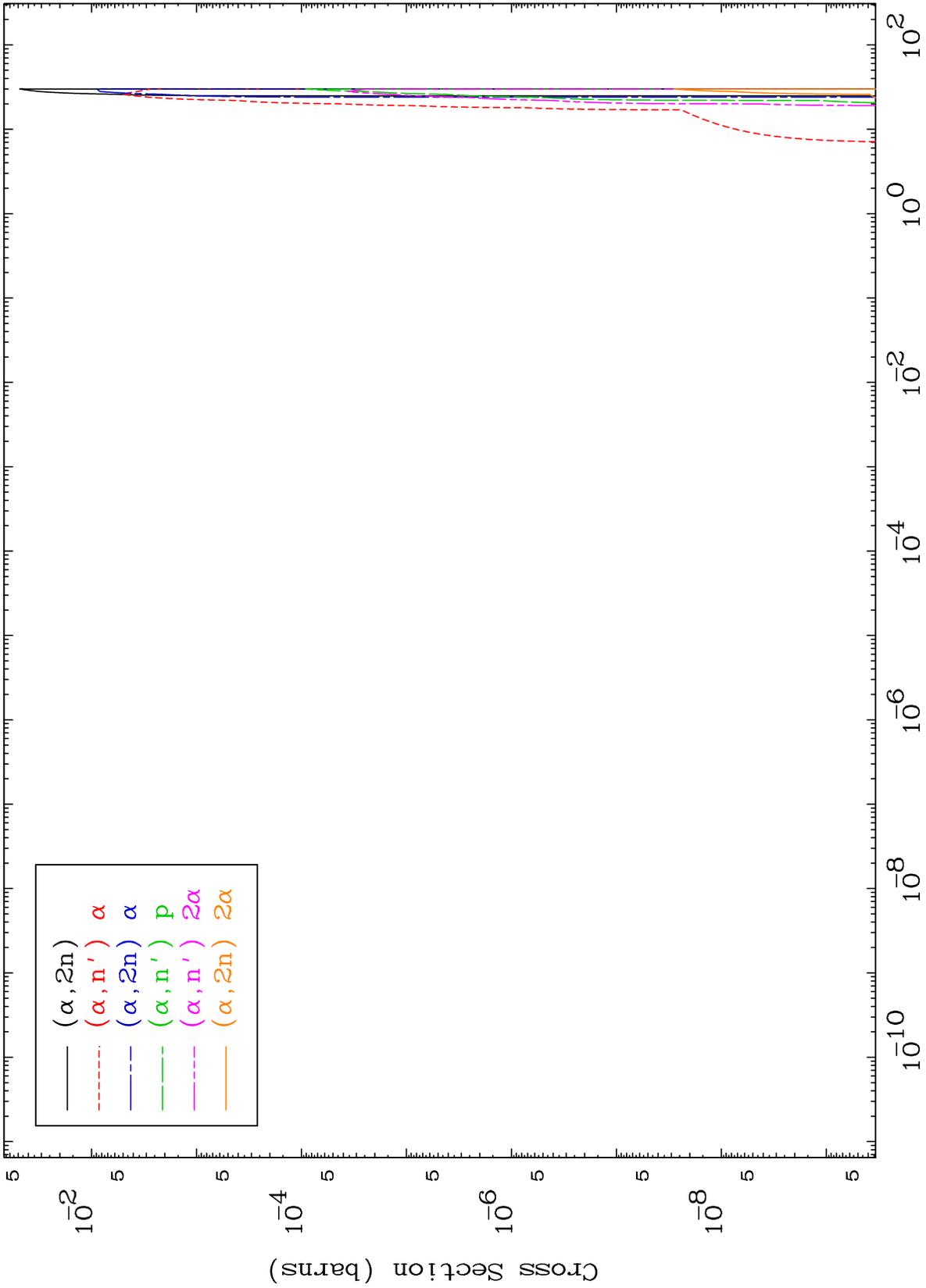
Incident Energy (MeV)

101-Md-248

MAT 9949

α Neutron Production
0 Kelvin Cross Sections

101-Md-248



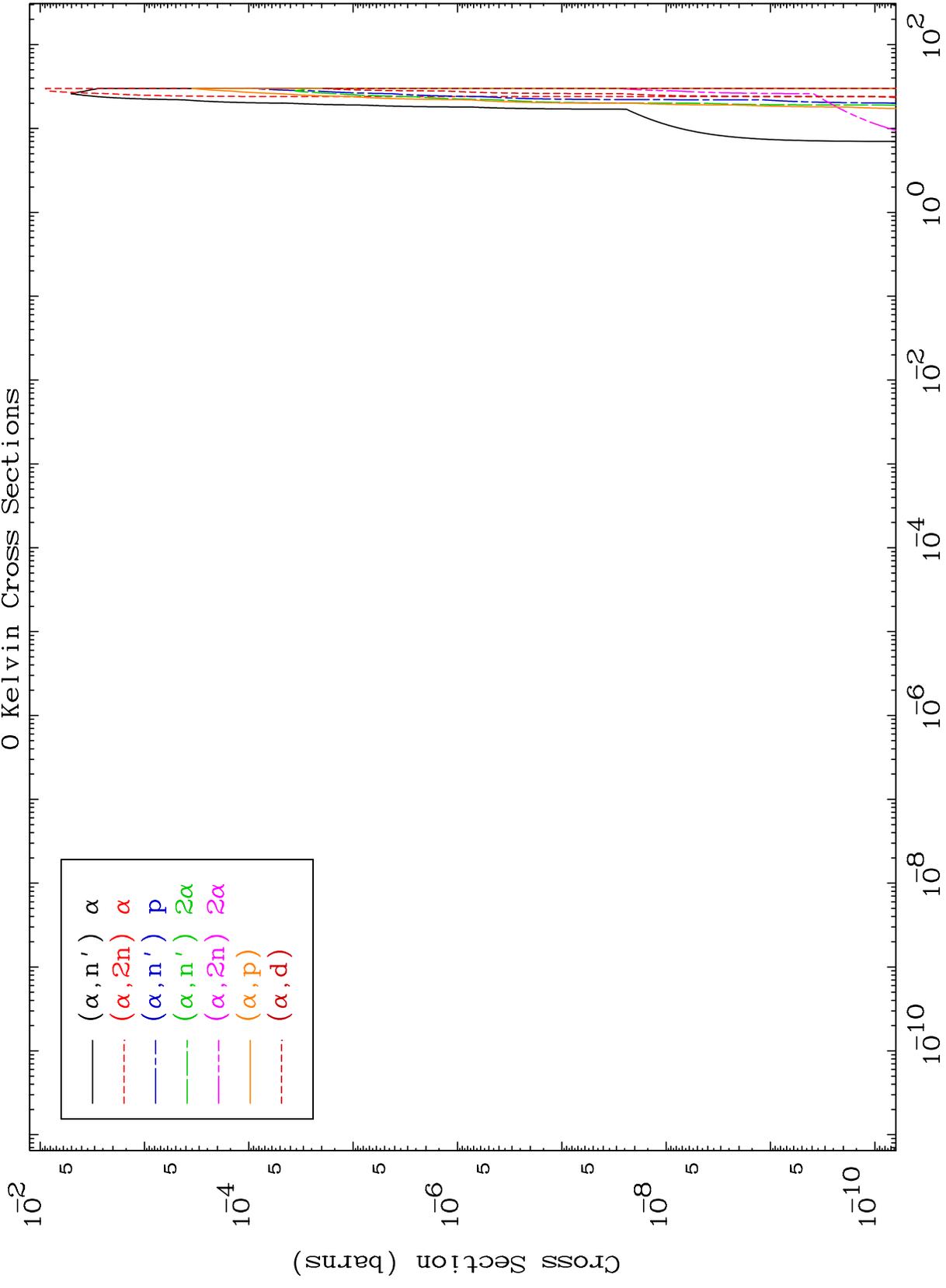
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101-Md-248

MAT 9949

α Charged Particle
0 Kelvin Cross Sections

101-Md-248



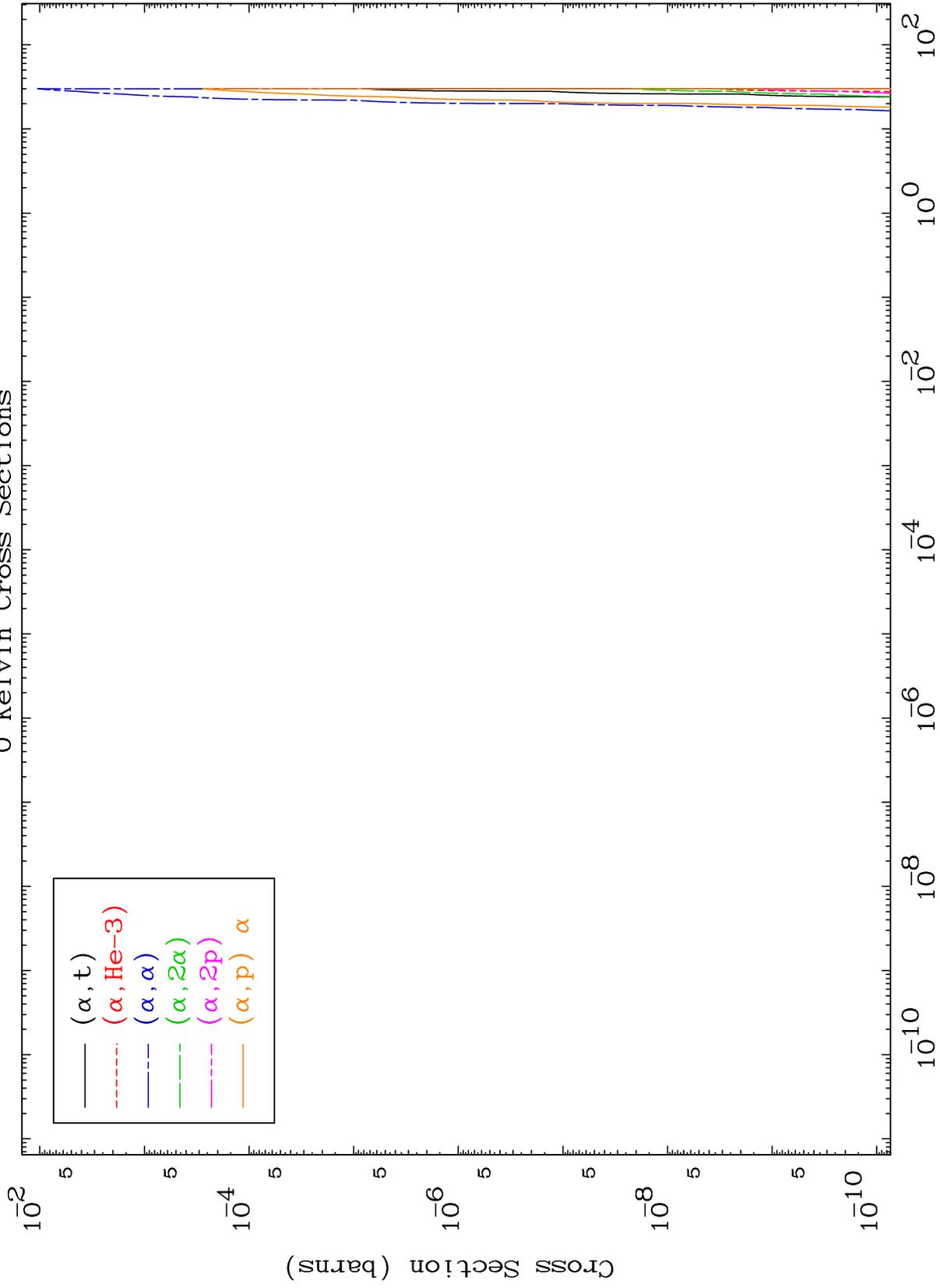
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101-Md-248

MAT 9949

α Charged Particle
0 Kelvin Cross Sections

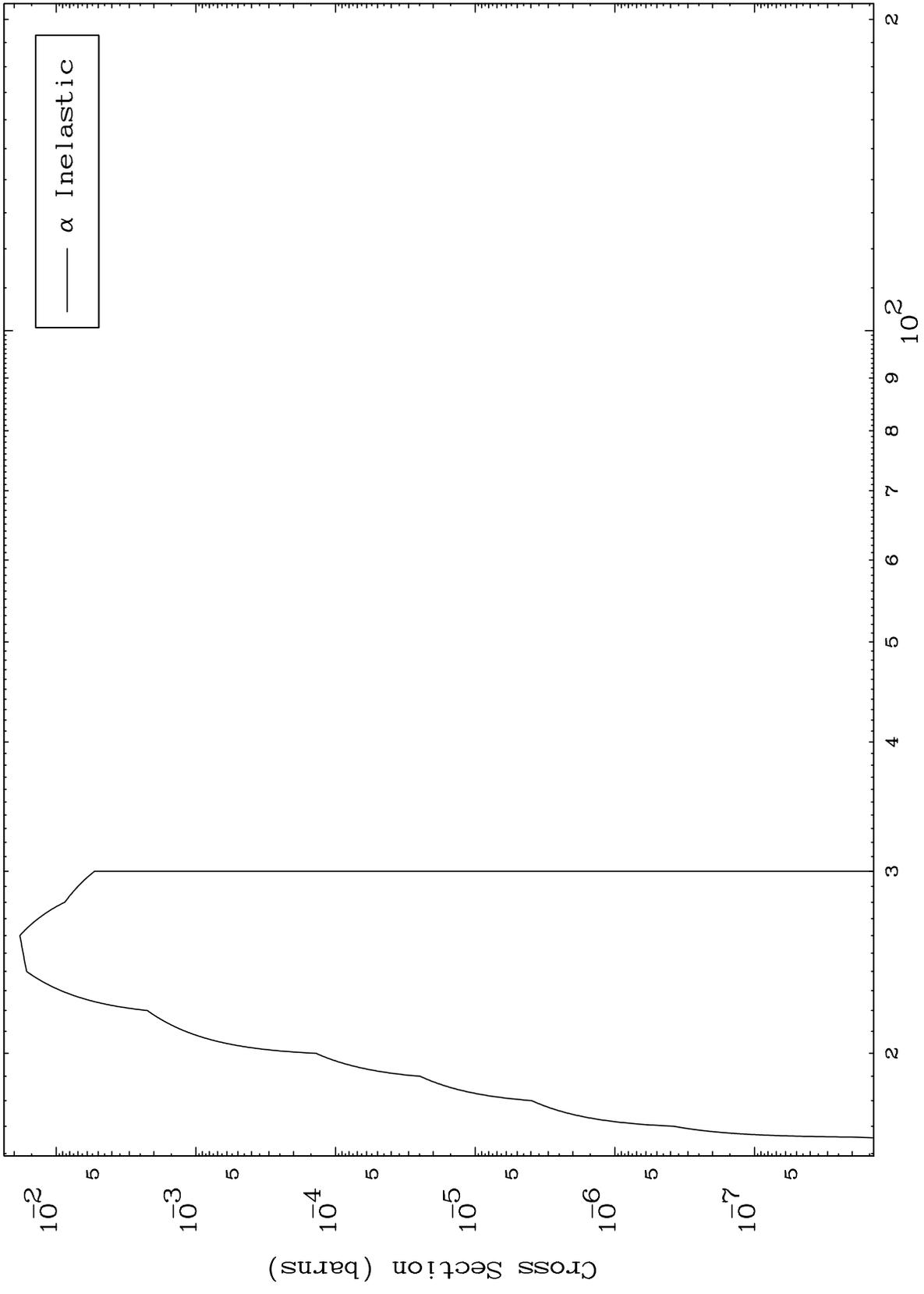
101-Md-248



MAT 9949

(α, n') Level
0 Kelvin Cross Sections

101-Md-248



5

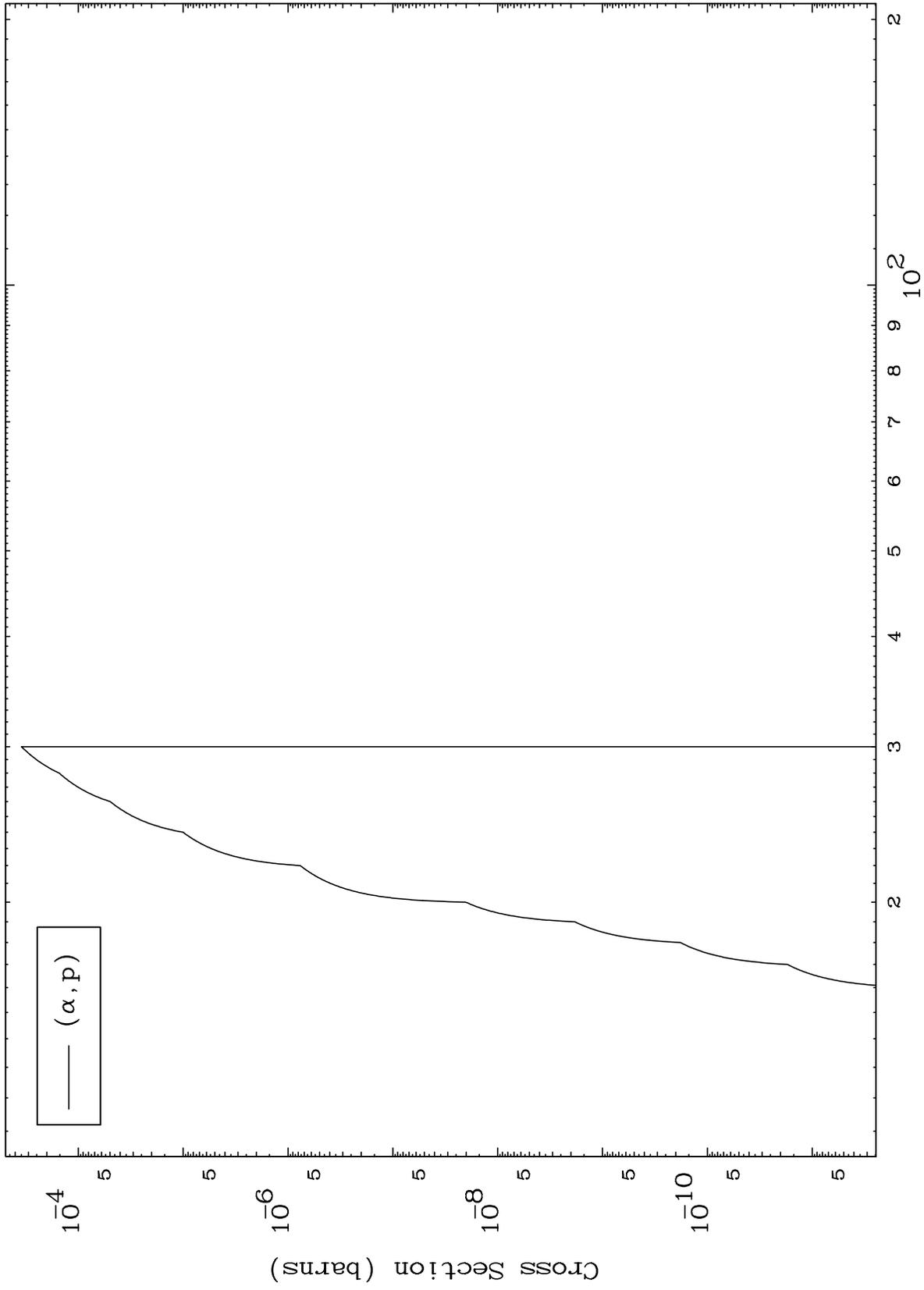
Incident Energy (MeV)

101-Md-248

MAT 9949

(α, p) Levels
0 Kelvin Cross Sections

101-Md-248



6

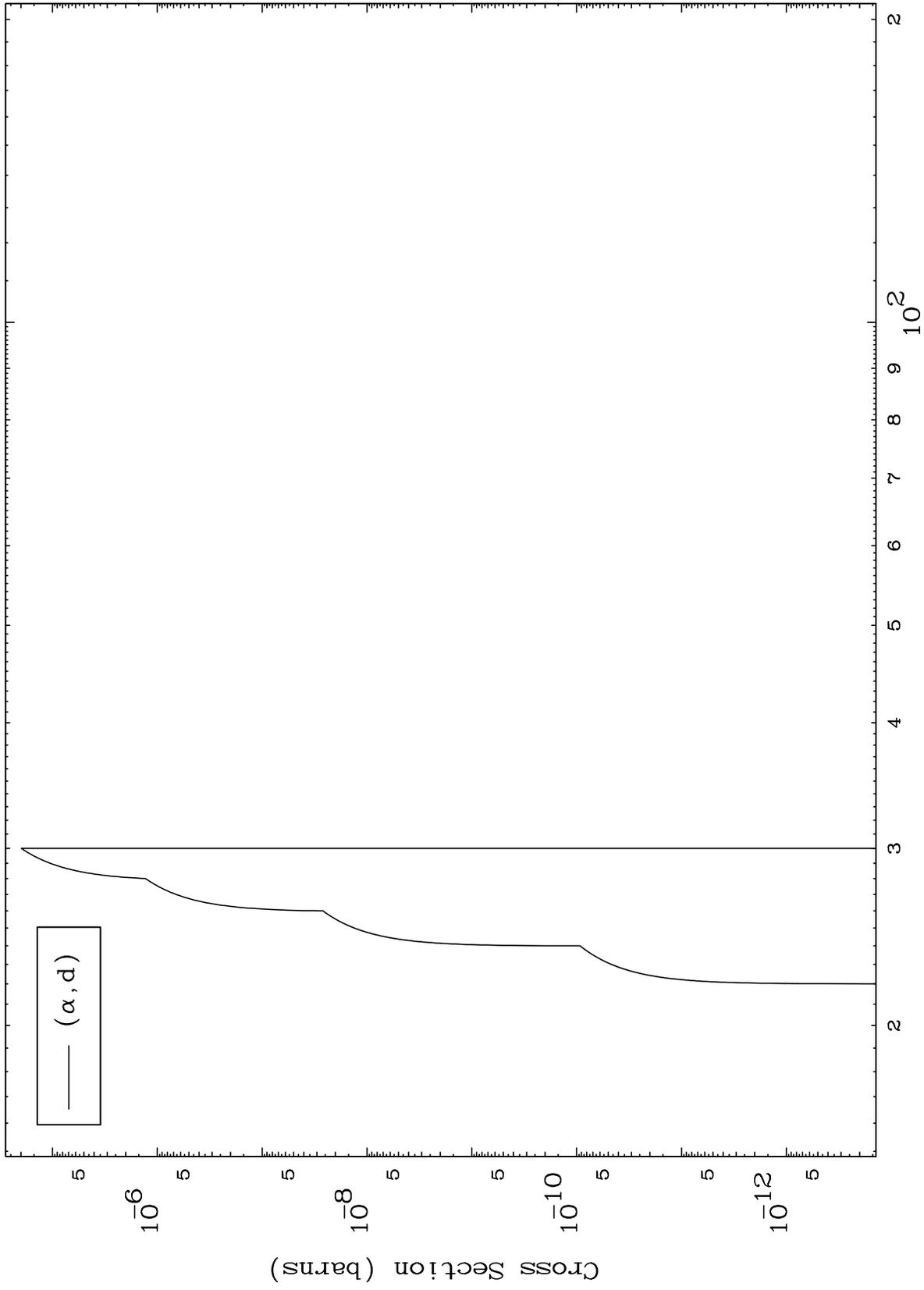
Incident Energy (MeV)

101-Md-248

MAT 9949

(α, d) Levels
0 Kelvin Cross Sections

101-Md-248



7

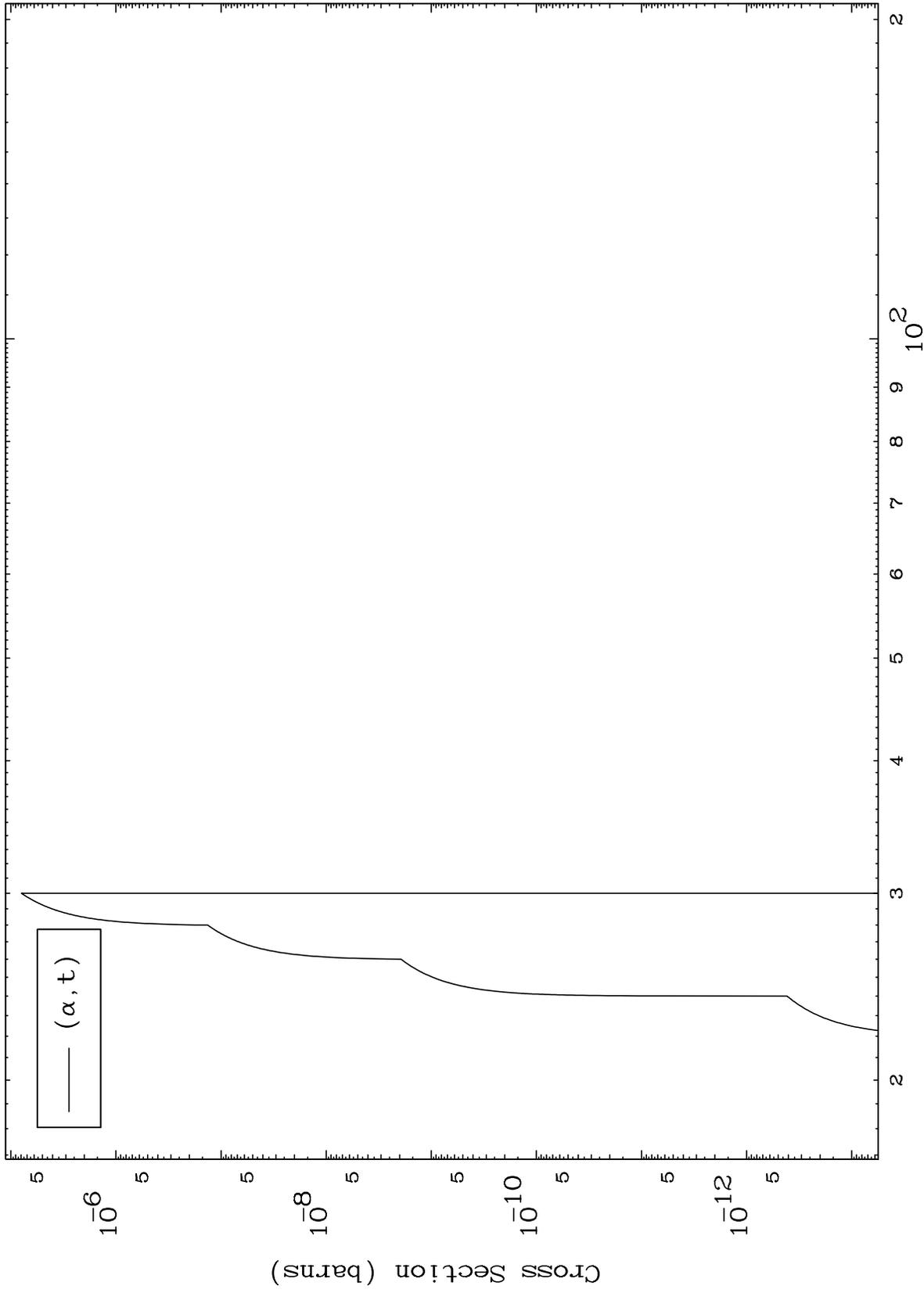
Incident Energy (MeV)

101-Md-248

MAT 9949

(α, t) Levels
0 Kelvin Cross Sections

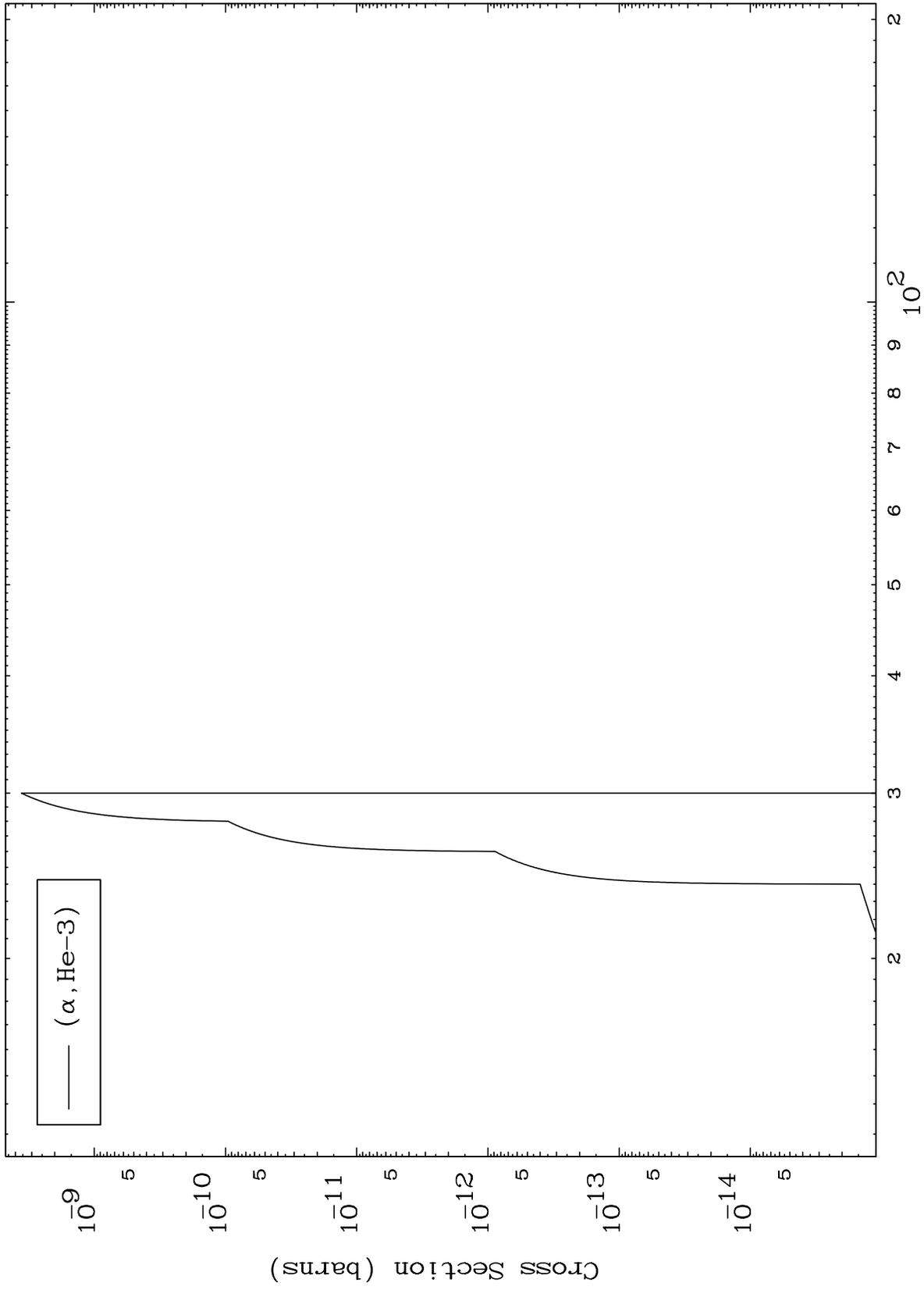
101-Md-248



8

Incident Energy (MeV)

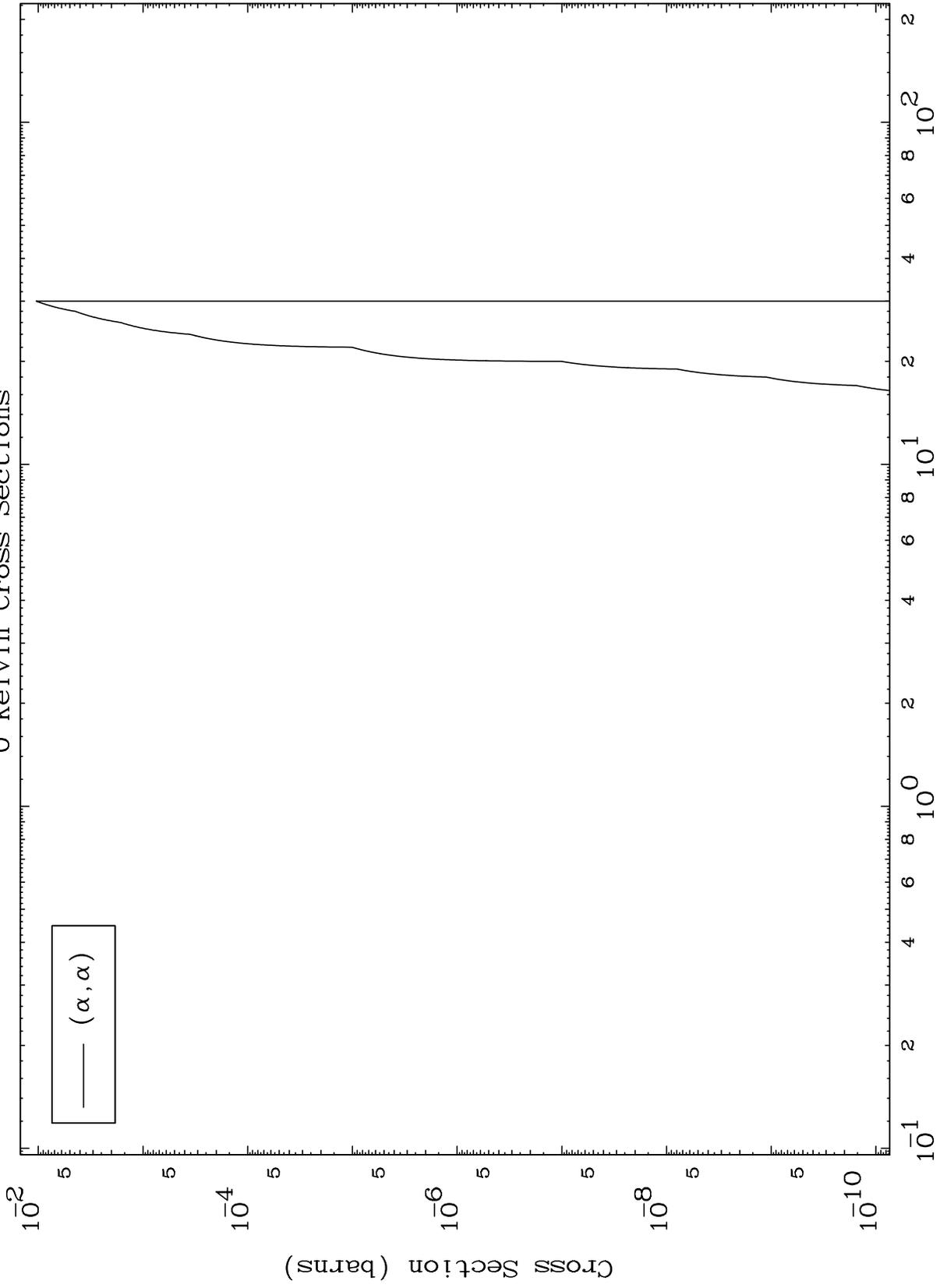
101-Md-248



MAT 9949

(α, α) Levels
0 Kelvin Cross Sections

101-Md-248



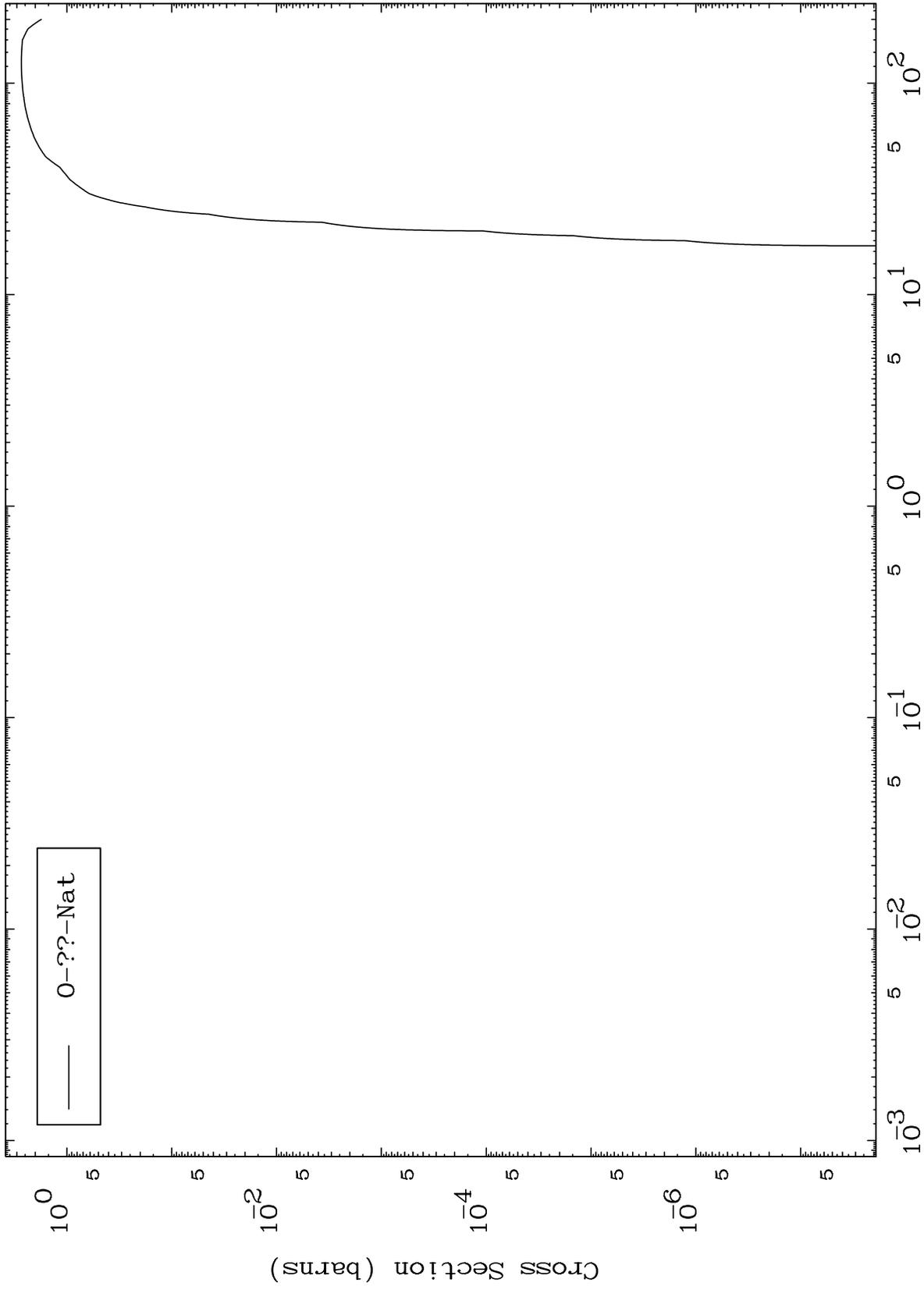
Incident Energy (MeV)

101-Md-248

MAT 9949

α Fission
Radionuclide Production Cross Section

101-Md-248



11

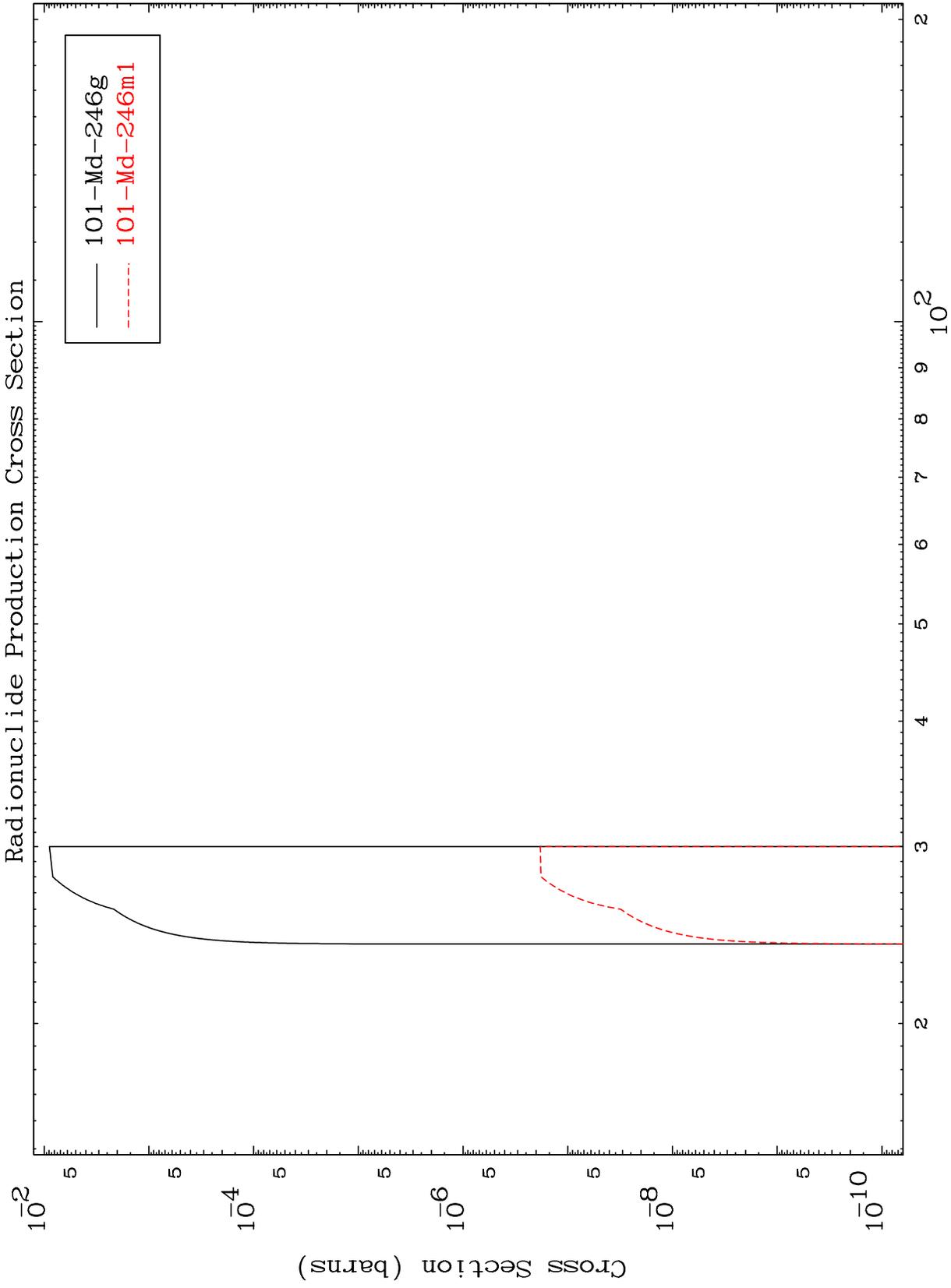
Incident Energy (MeV)

101-Md-248

MAT 9949

$(\alpha, 2n) \alpha$

101-Md-248



12

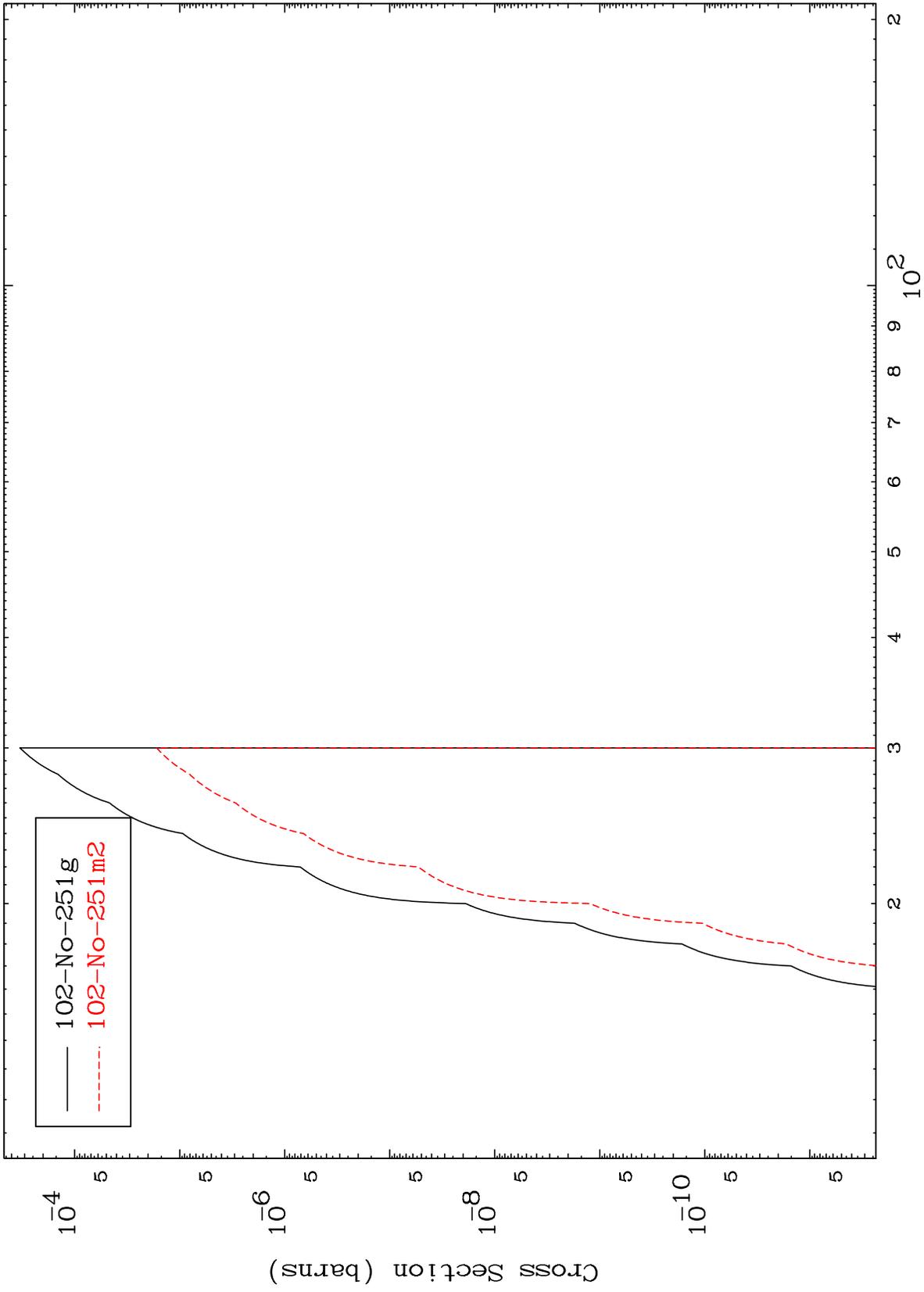
Incident Energy (MeV)

101-Md-248

MAT 9949

101-Md-248

(α, p)
Radionuclide Production Cross Section



13

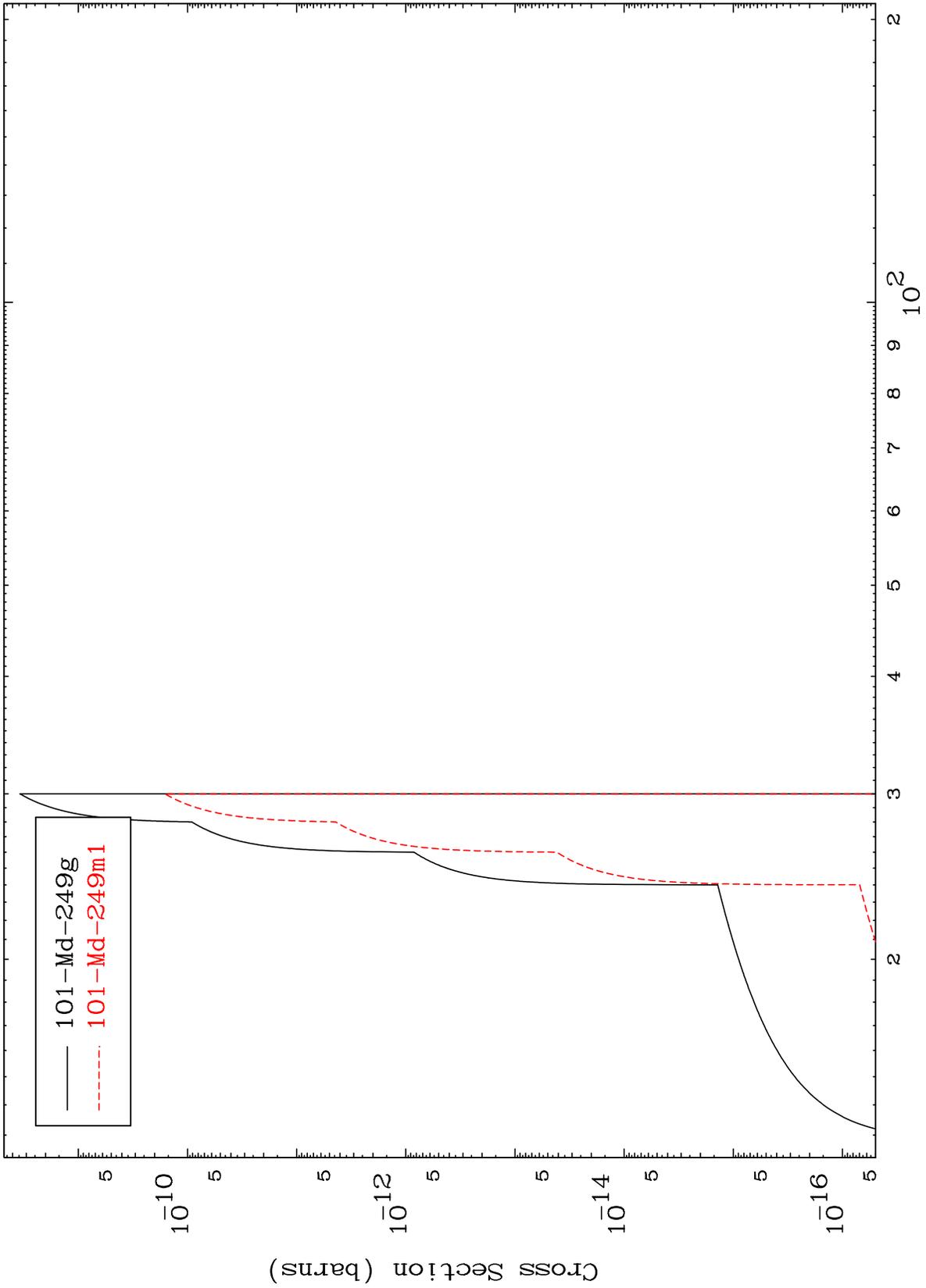
101-Md-248

MAT 9949

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

101-Md-248

Radionuclide Production Cross Section



14

Incident Energy (MeV)

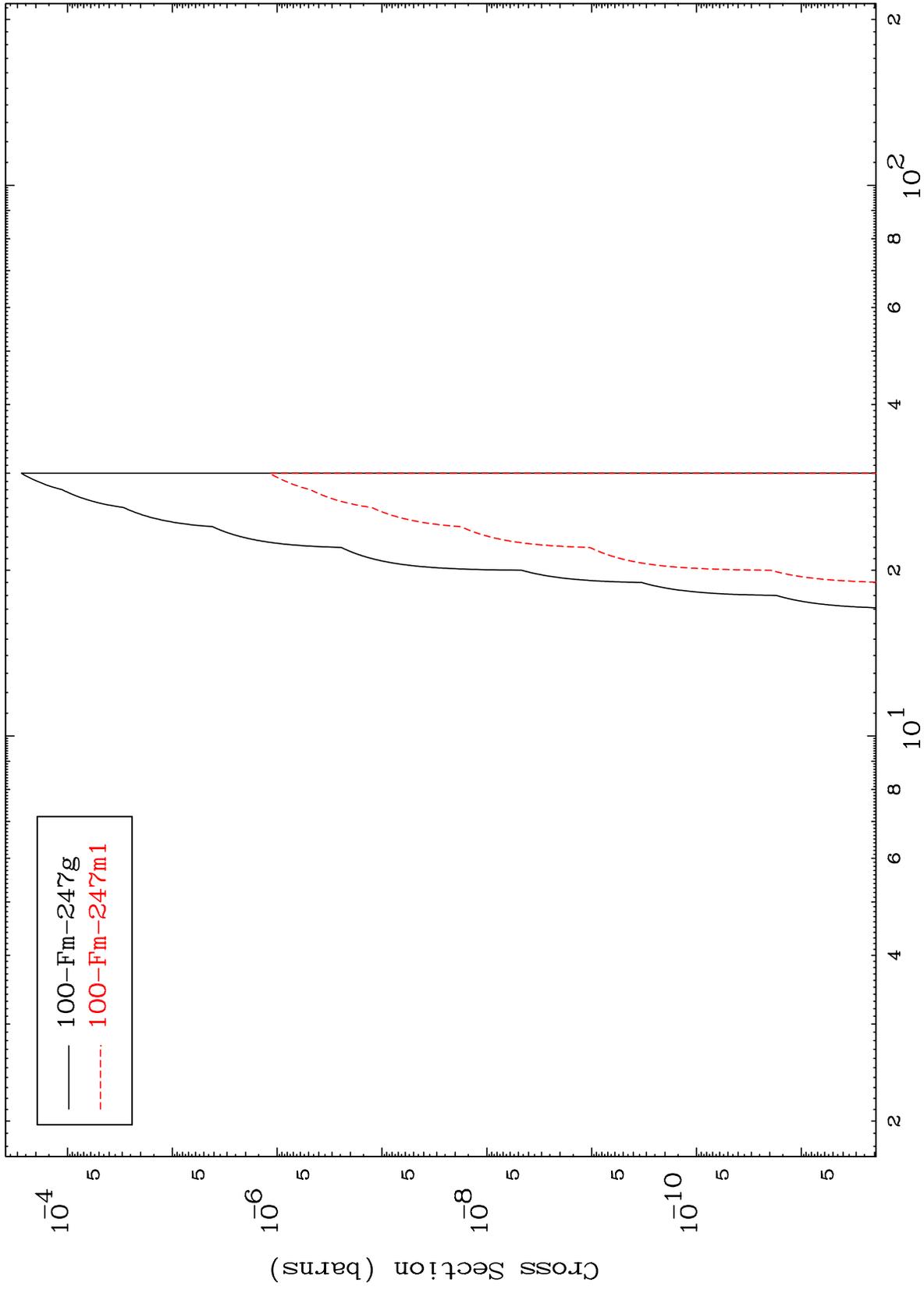
101-Md-248

MAT 9949

(α, p) α

101-Md-248

Radionuclide Production Cross Section



15

Incident Energy (MeV)

101-Md-248