

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

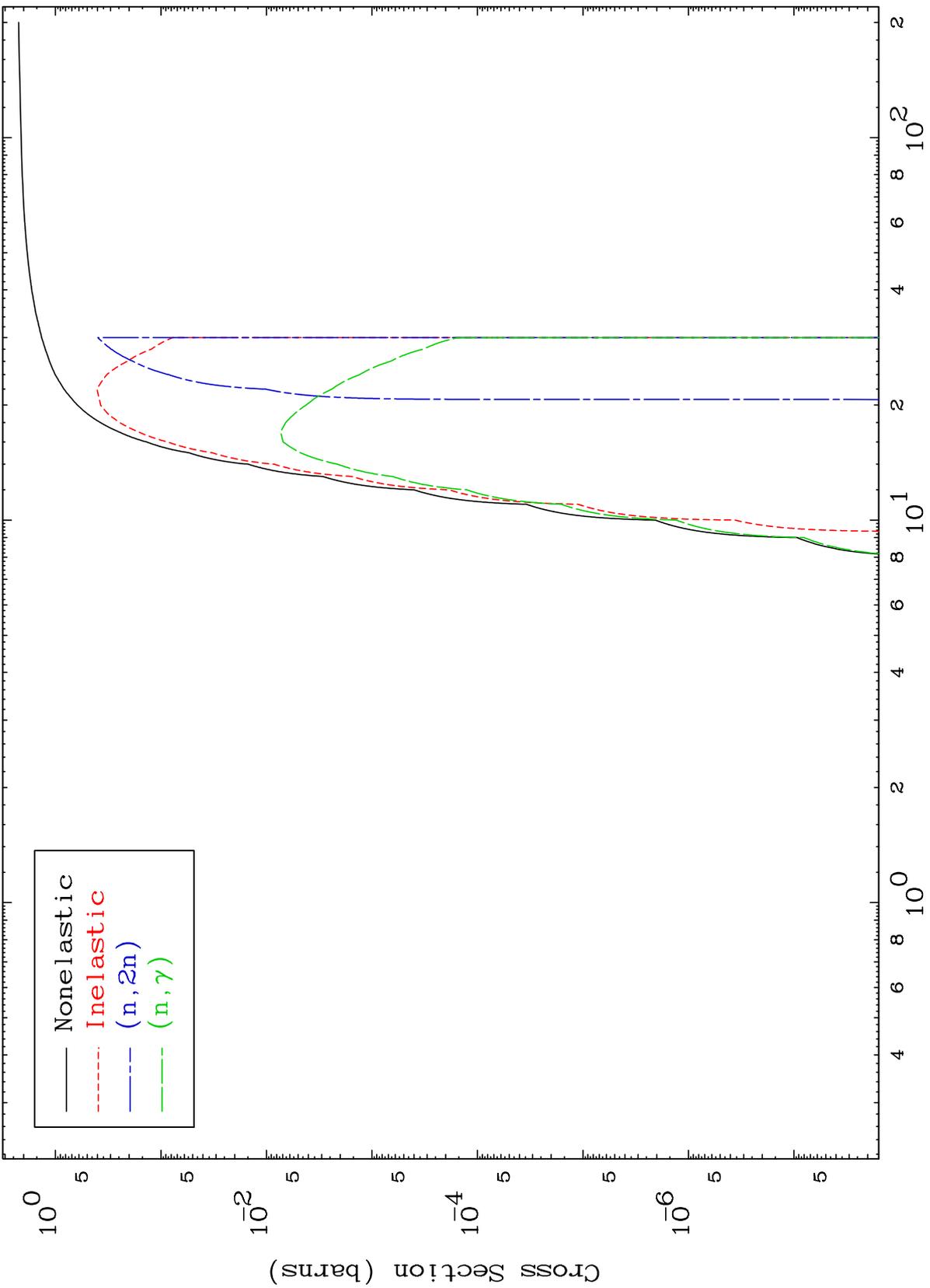
Press Mouse Button to Start

MAT 5499

α Major

55-Cs-124m

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

55-Cs-124m

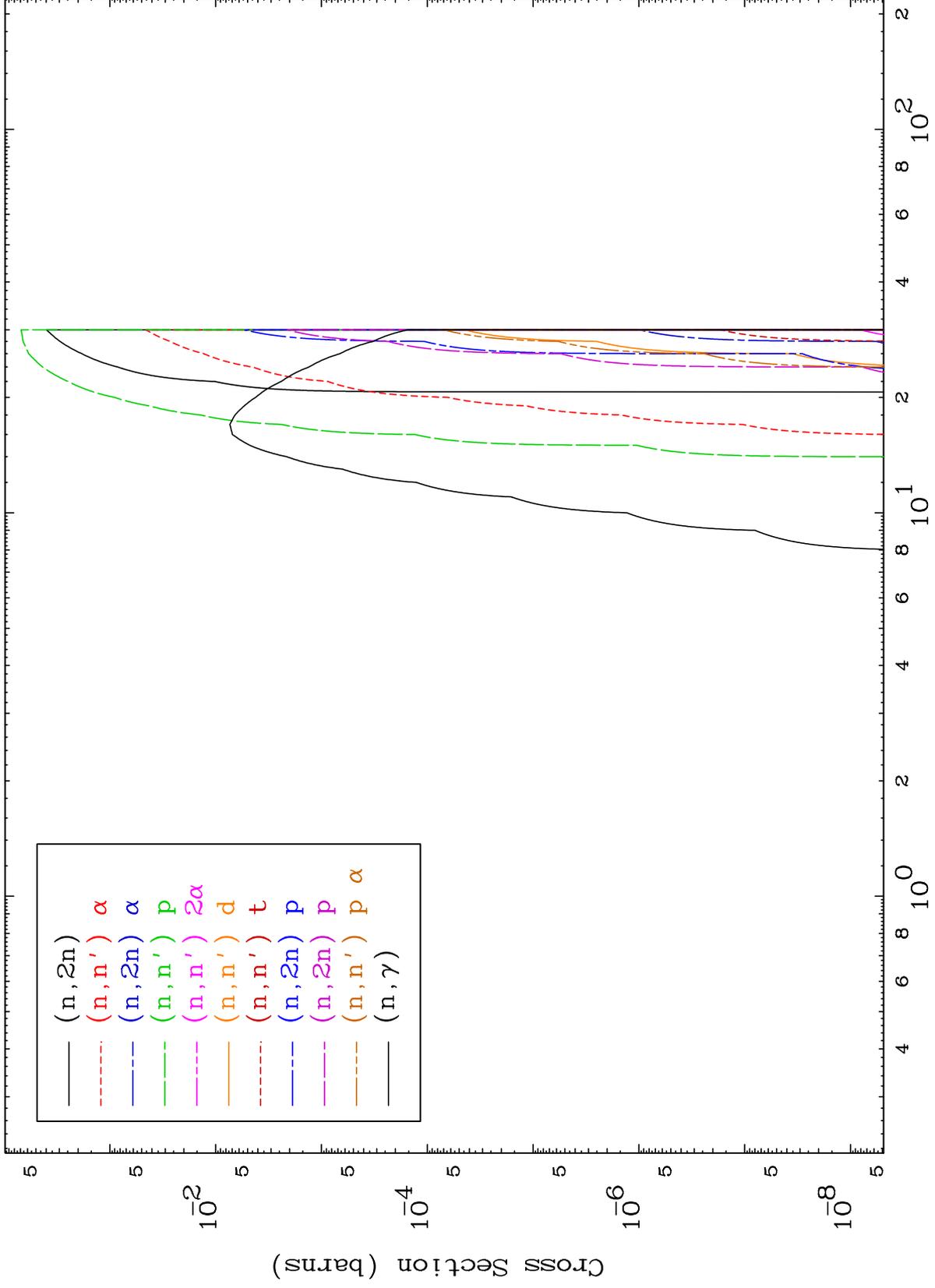
Incident Energy (MeV)

1

MAT 5499

α Neutron Absorption
0 Kelvin Cross Sections

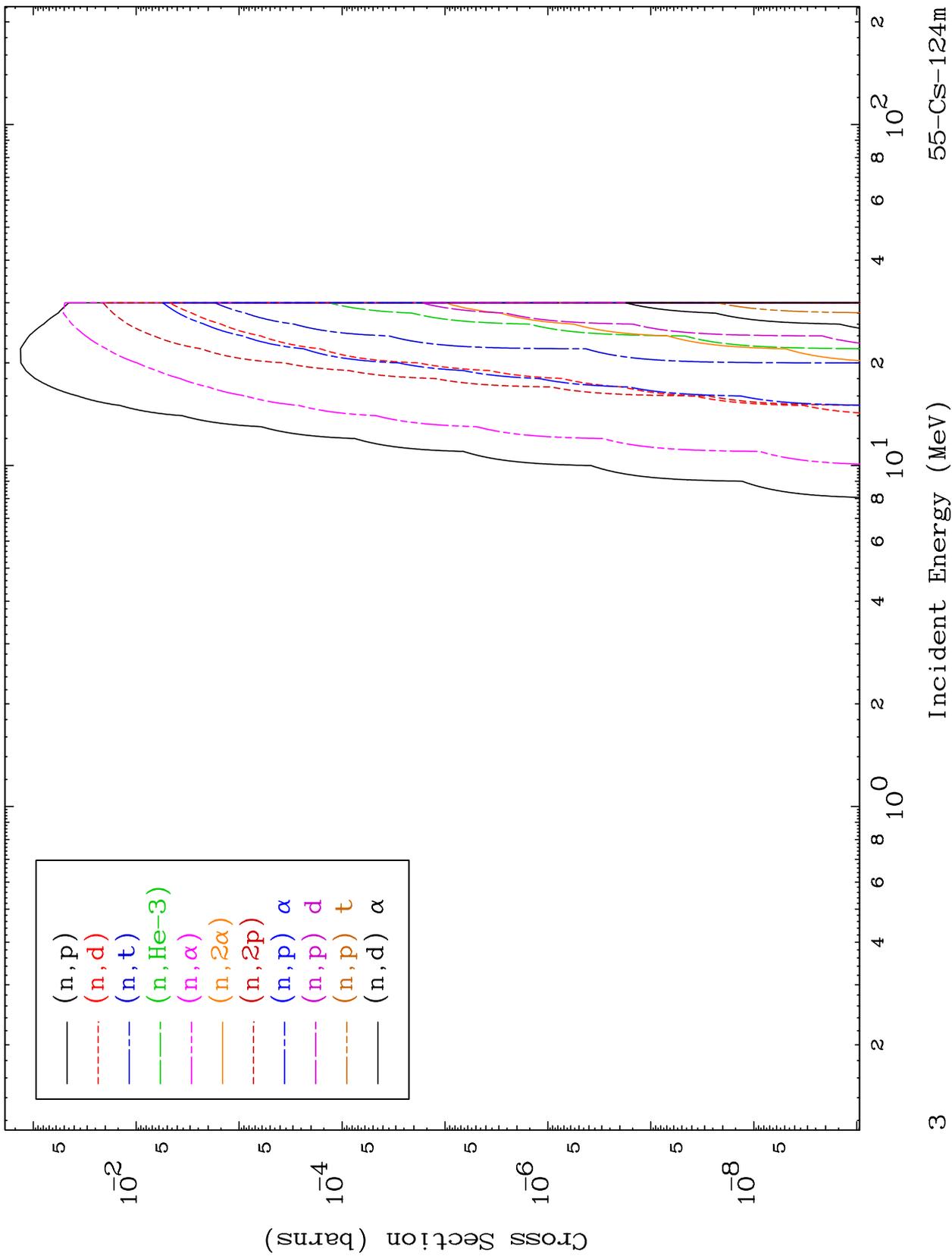
55-Cs-124m



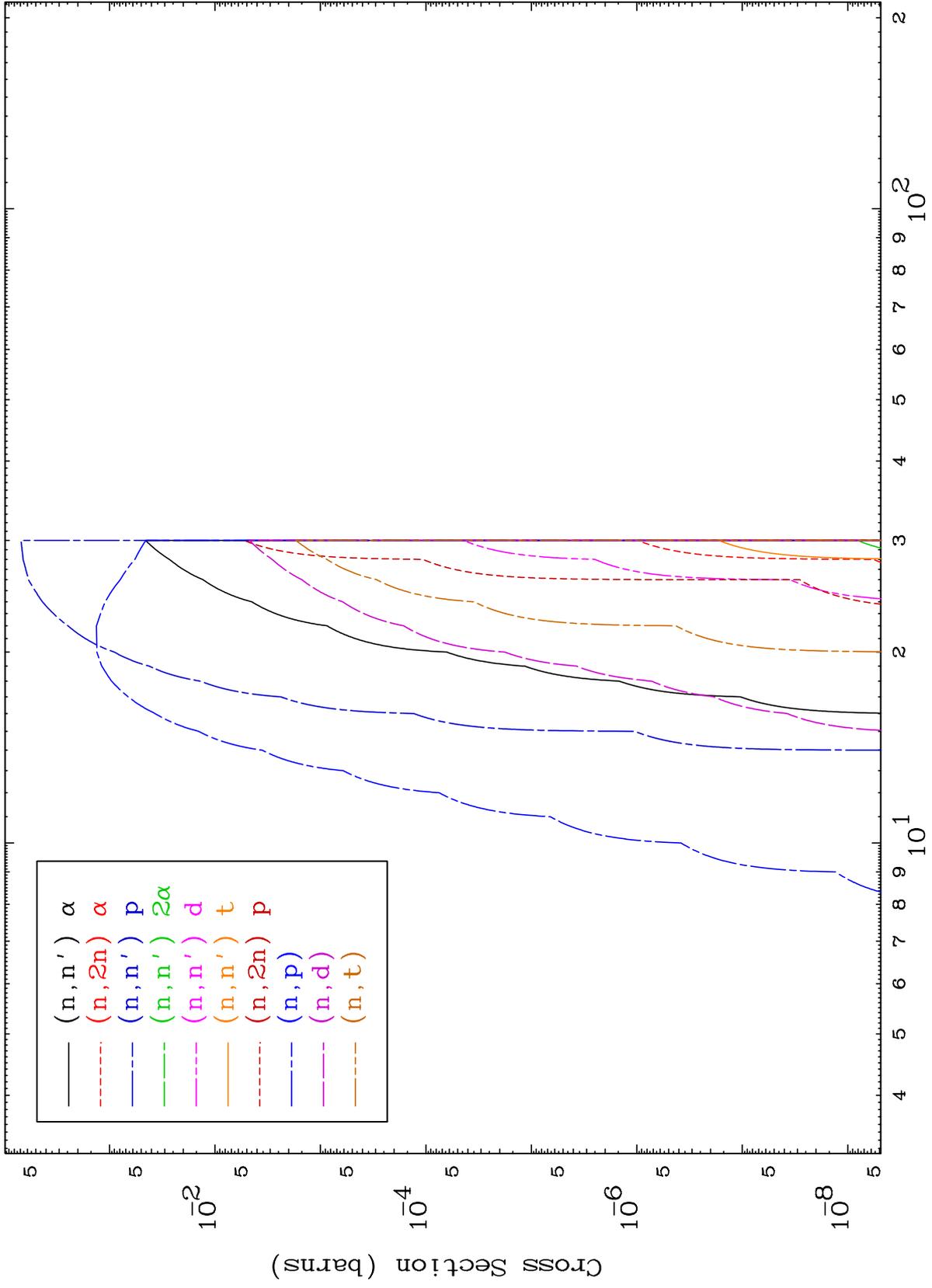
MAT 5499

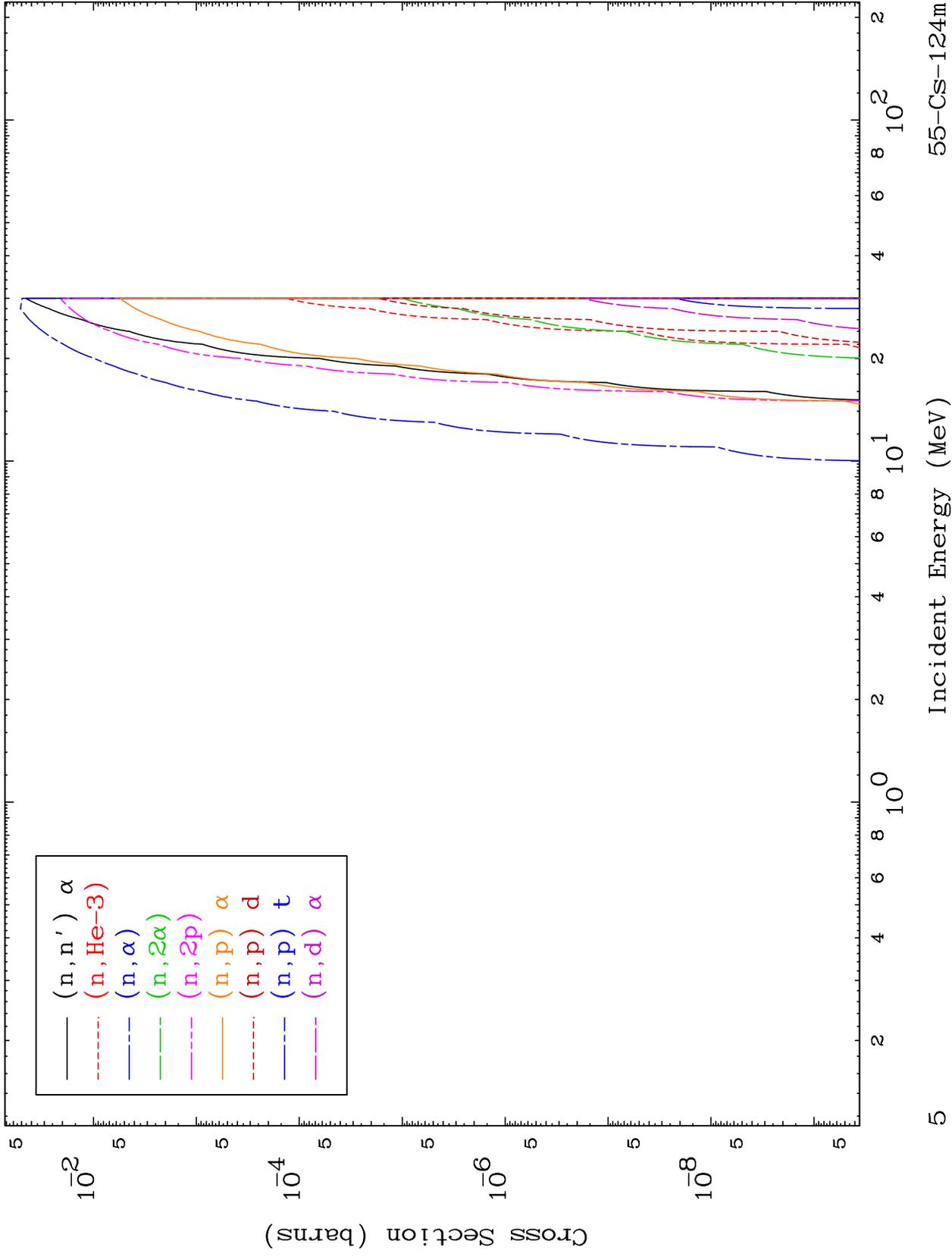
α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-124m



55-Cs-124m



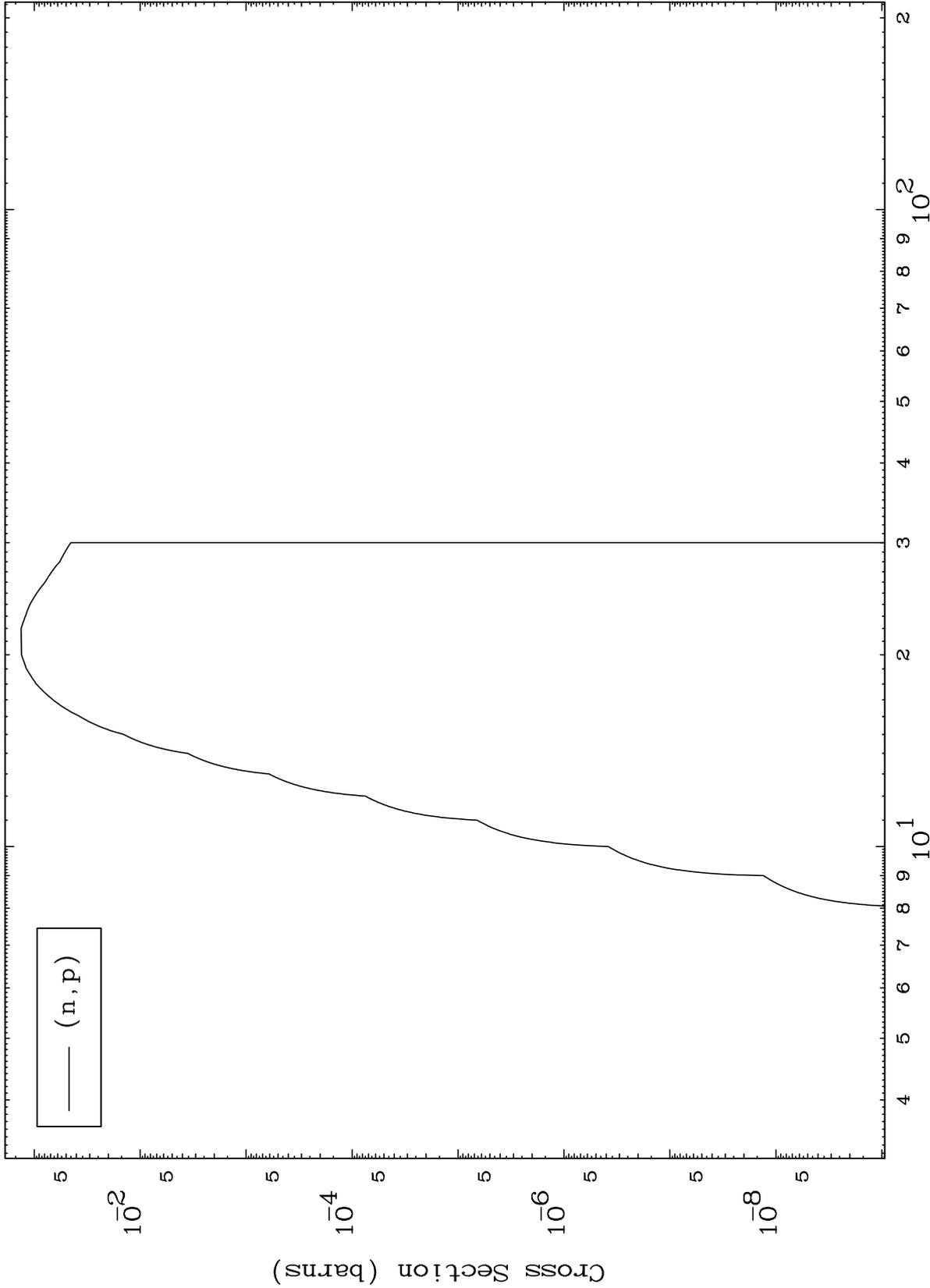


MAT 5499

(α, p) Levels

55-Cs-124m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

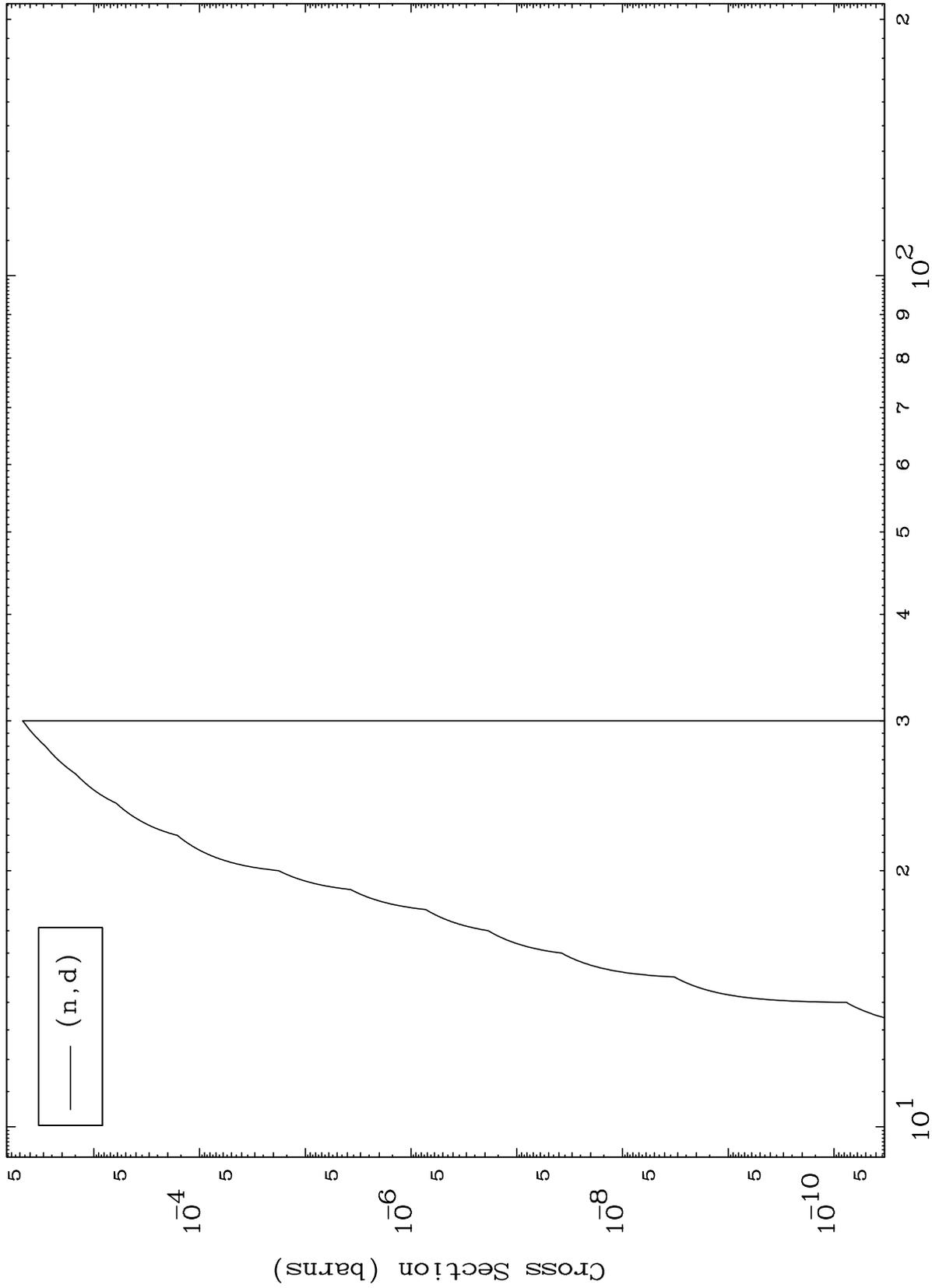
55-Cs-124m

MAT 5499

(α, d) Levels

55-Cs-124m

0 Kelvin Cross Sections



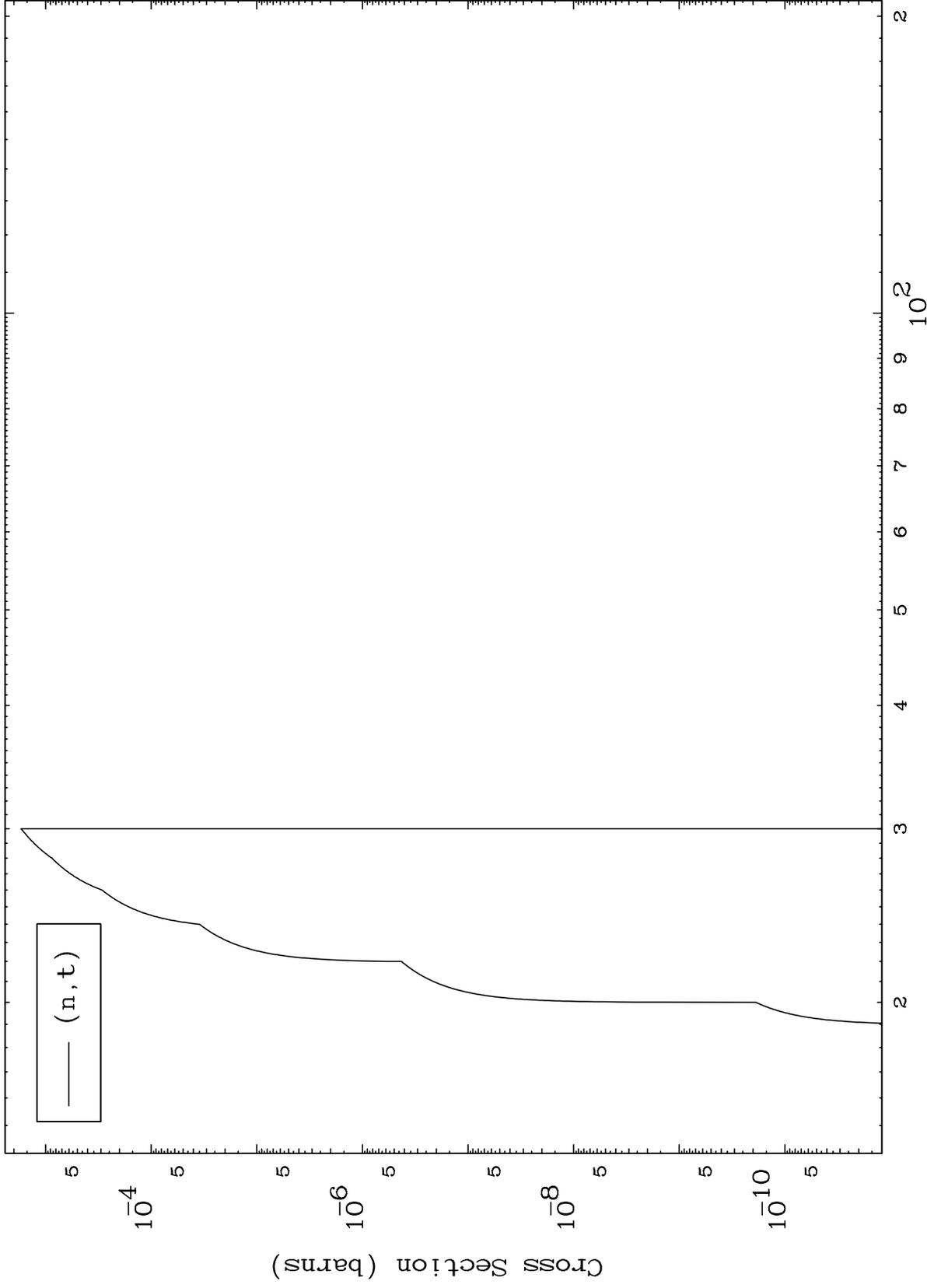
Incident Energy (MeV)

55-Cs-124m

MAT 5499

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-124m



8

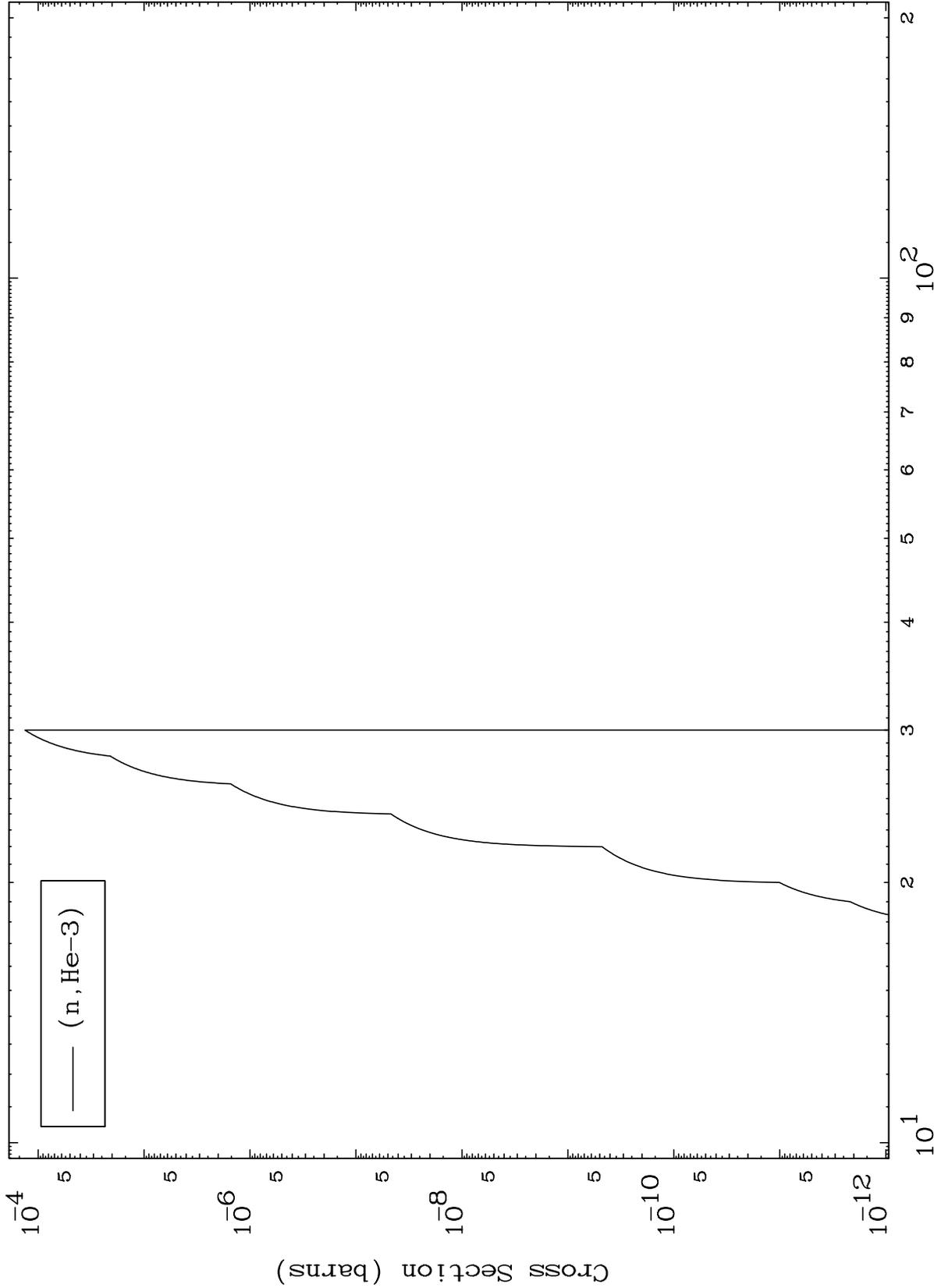
Incident Energy (MeV)

55-Cs-124m

MAT 5499

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

55-Cs-124m



Incident Energy (MeV)

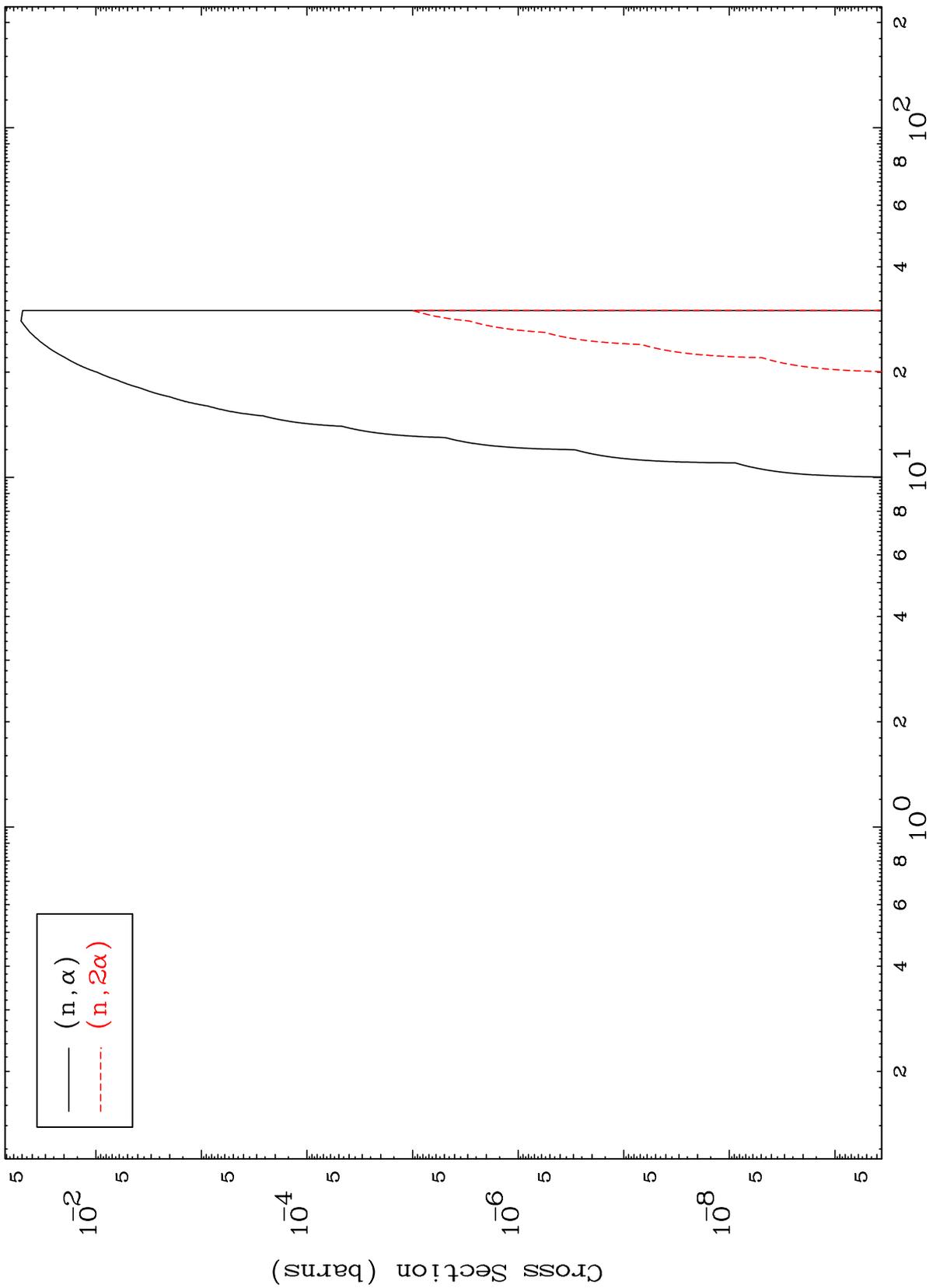
55-Cs-124m

MAT 5499

(α, α) Levels

55-Cs-124m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

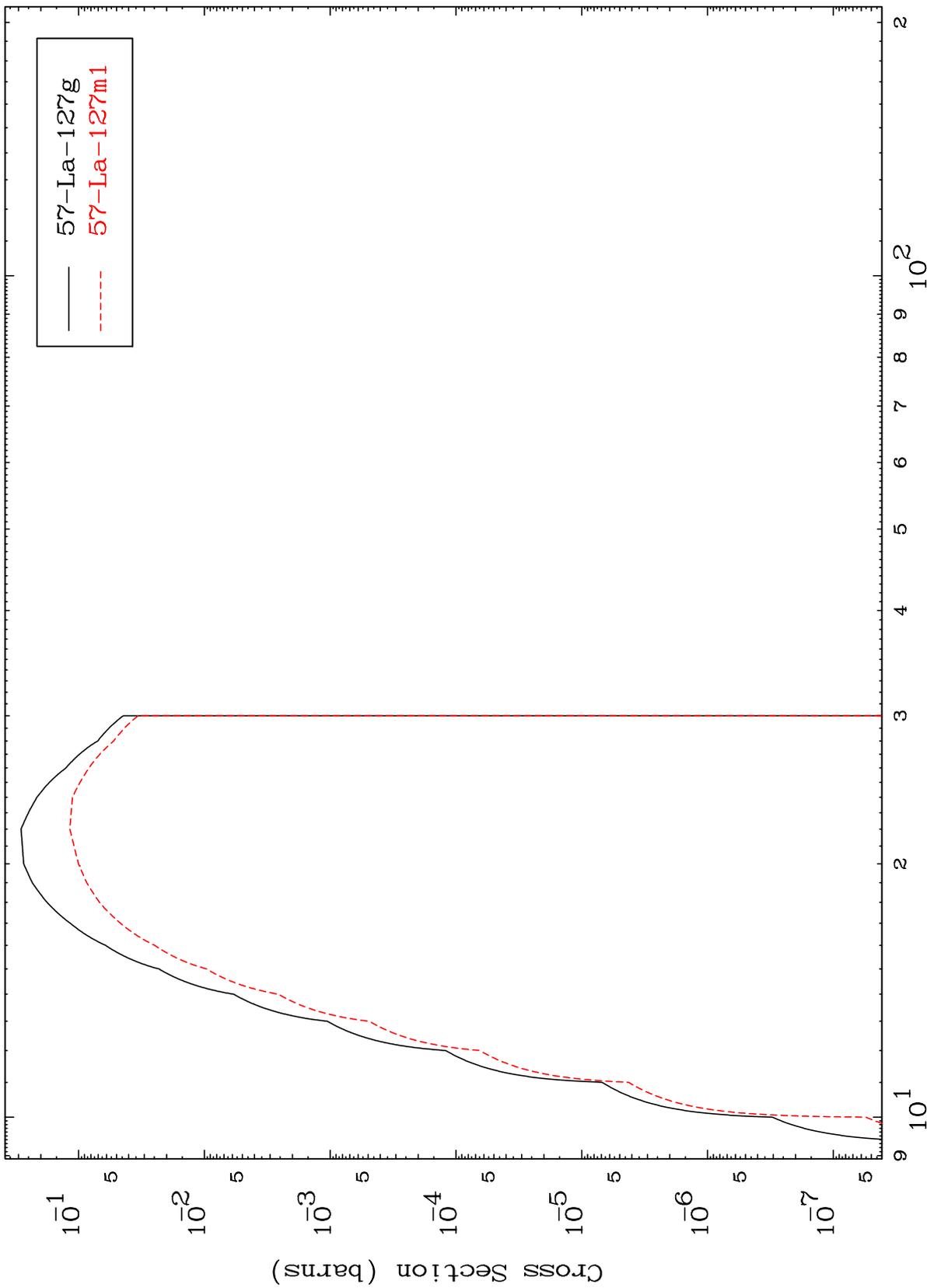
Incident Energy (MeV)

55-Cs-124m

MAT 5499

55-Cs-124m

Inelastic
Radionuclide Production Cross Section



55-Cs-124m

Incident Energy (MeV)

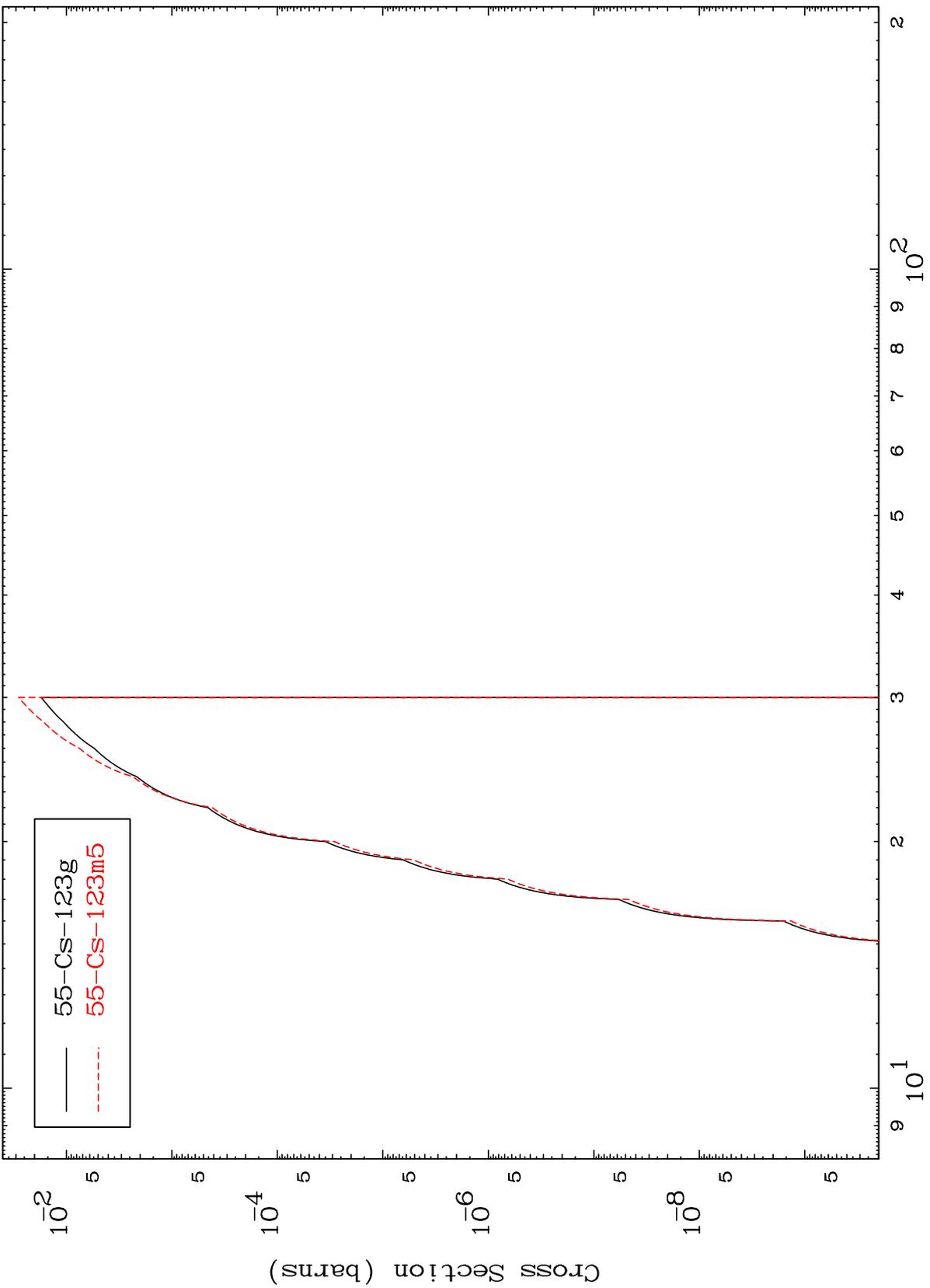
11

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(n,n') α

55-Cs-124m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

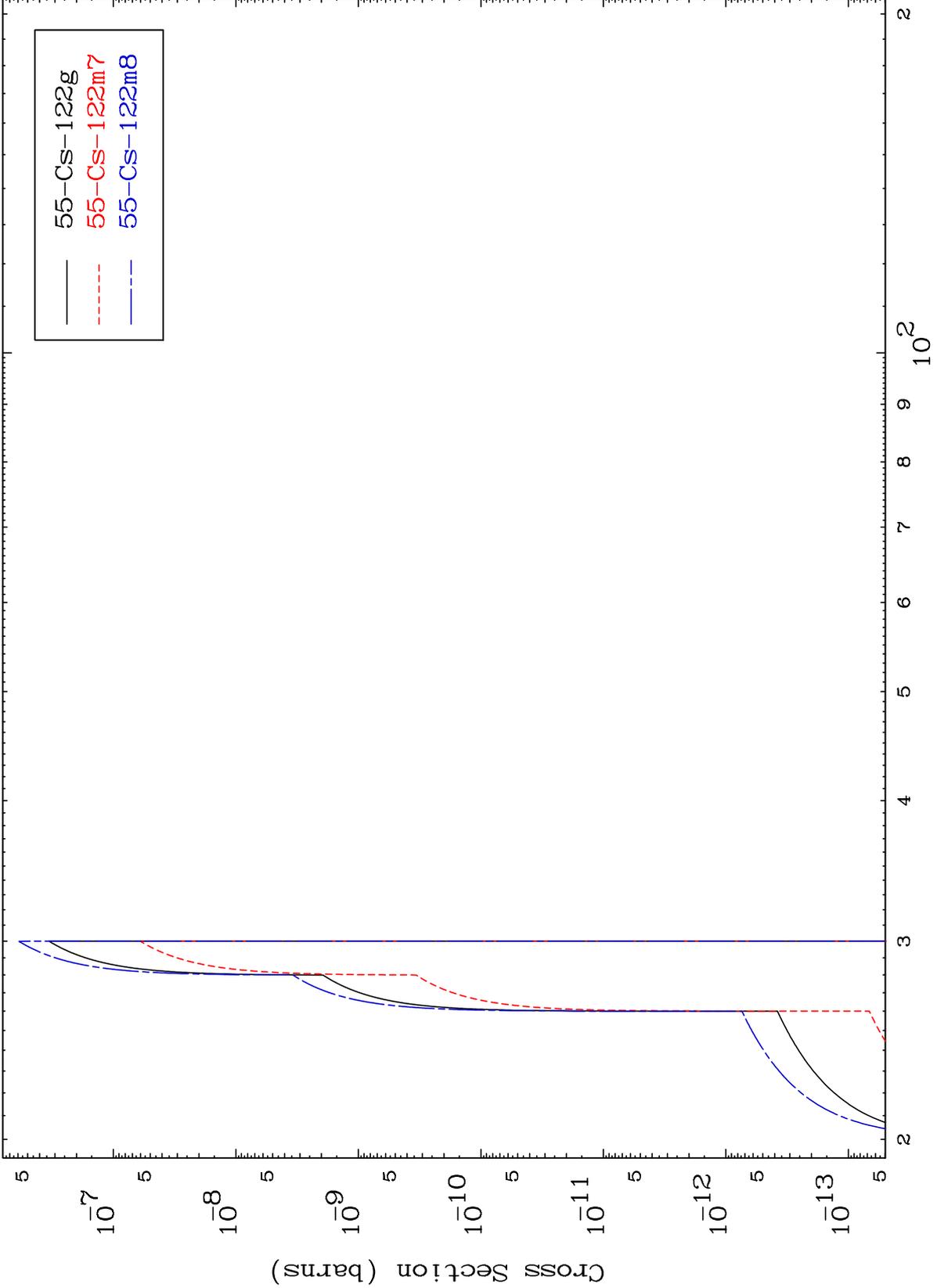
55-Cs-124m

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(n,2n) α

55-Cs-124m

Radionuclide Production Cross Section



13

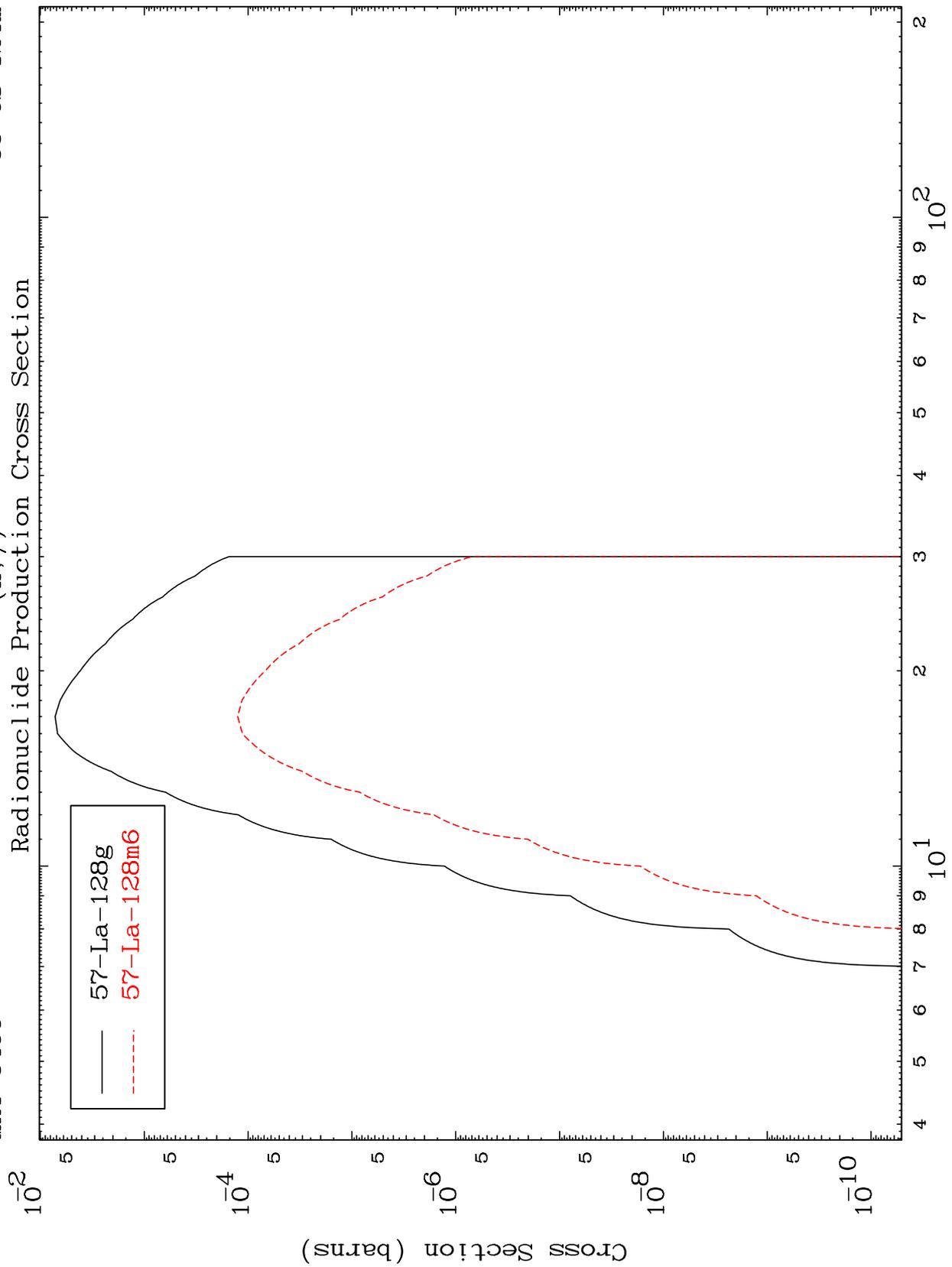
Incident Energy (MeV)

55-Cs-124m

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55-Cs-124m

(n, γ)
Radionuclide Production Cross Section



— 57-La-128g
- - - 57-La-128m6

55-Cs-124m

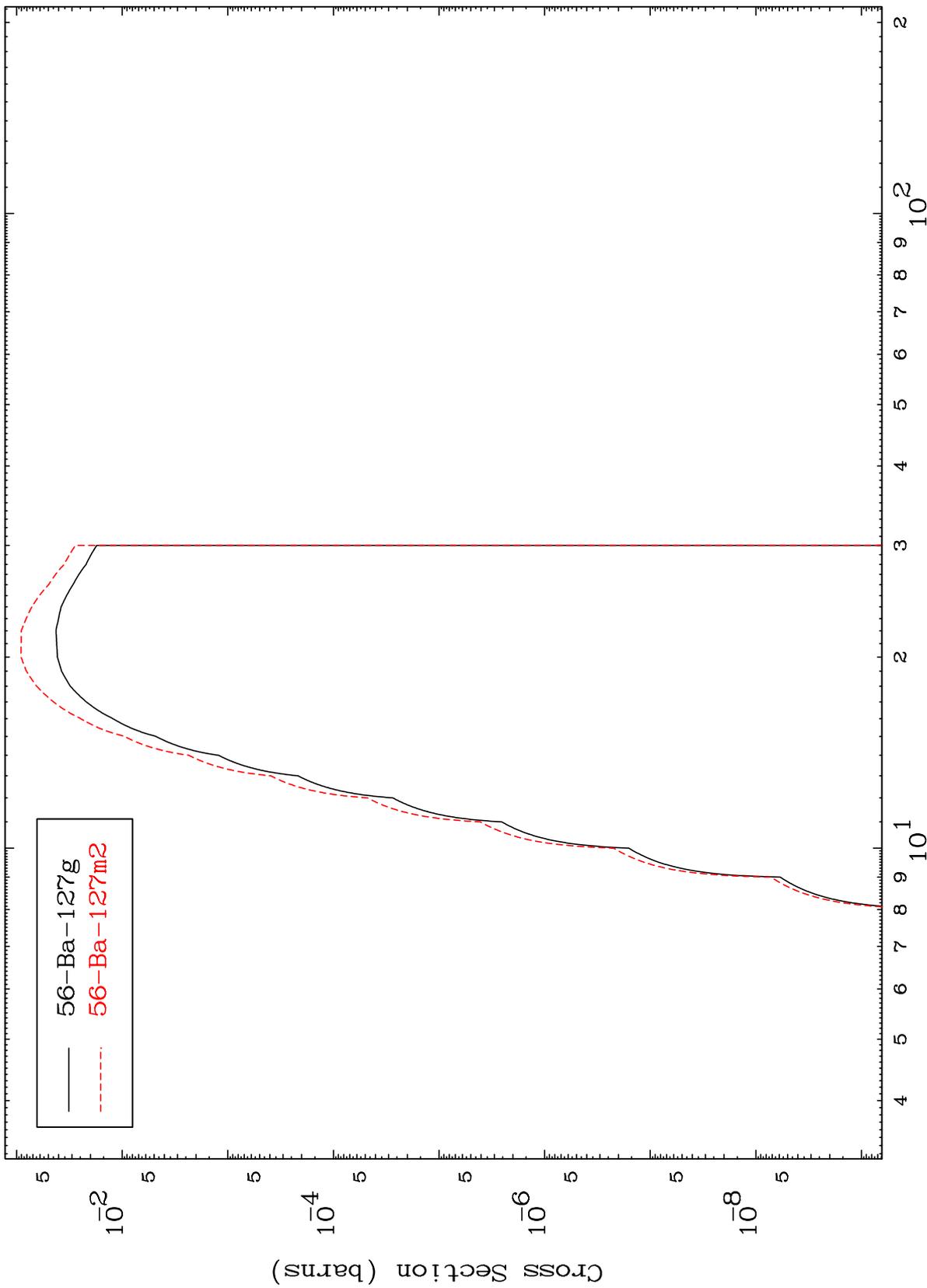
Incident Energy (MeV)

14

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55-Cs-124m

(n,p)
Radionuclide Production Cross Section



15

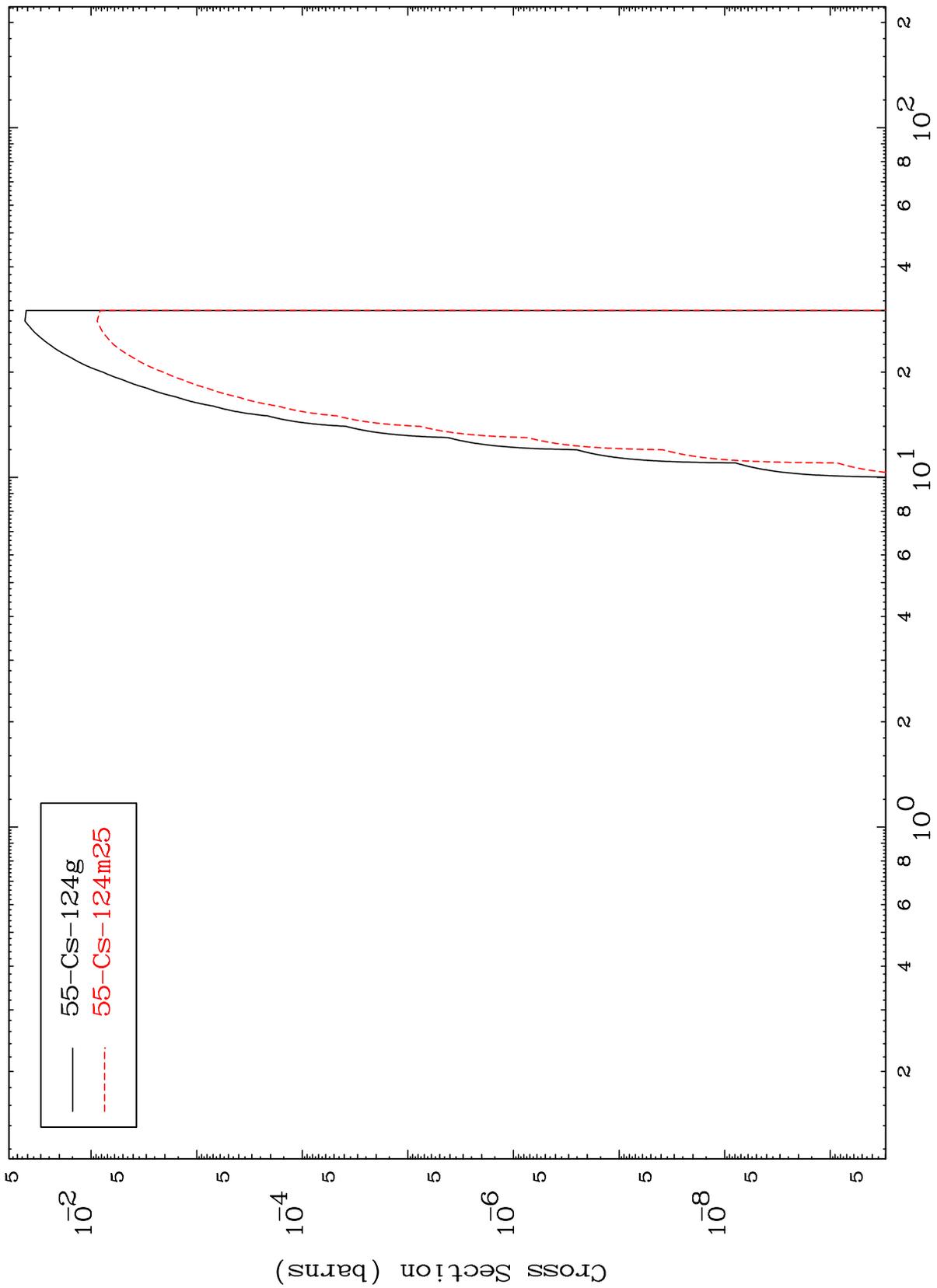
Incident Energy (MeV)

55-Cs-124m

MAT 5499

55-Cs-124m

Radionuclide Production Cross Section
(n, α)



55-Cs-124g
55-Cs-124m25

55-Cs-124m

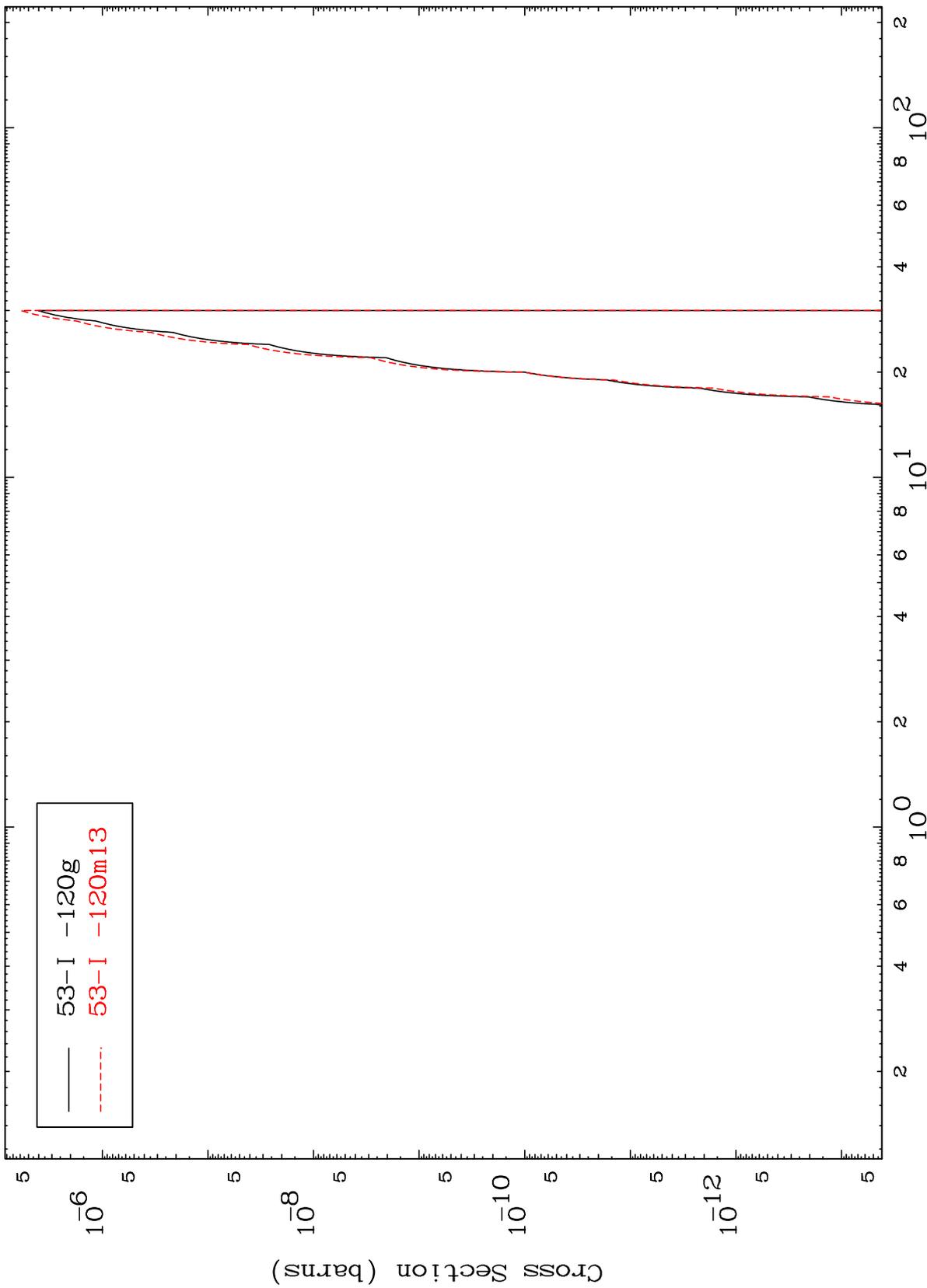
Incident Energy (MeV)

16

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55-Cs-124m

Radionuclide Production Cross Section
(n,2 α)

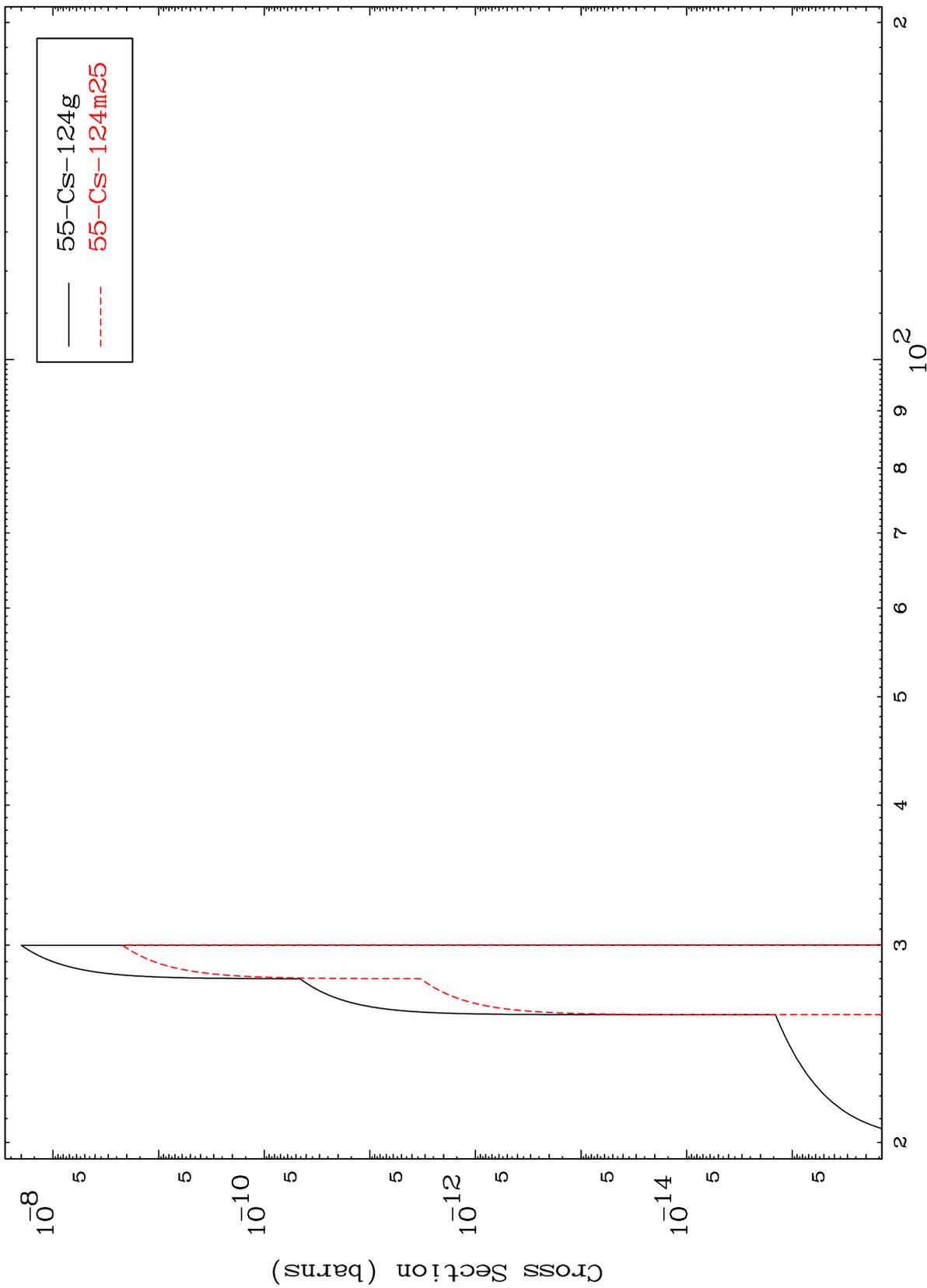


MAT 5499

(n,p) t

55-Cs-124m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

55-Cs-124m