

Program EVALPLOT
(Version 2021-1)

by

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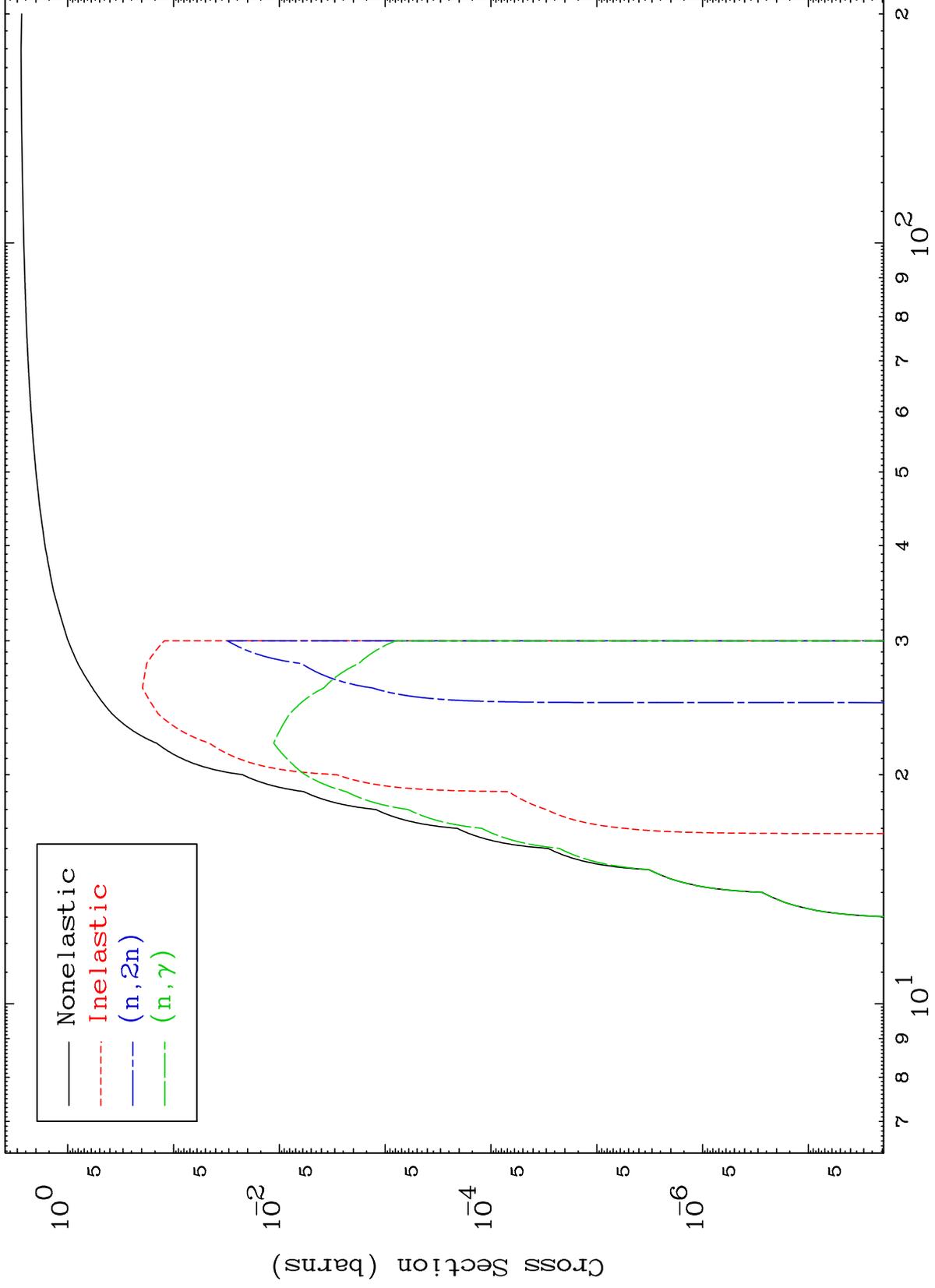
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8407

0 Kelvin Cross Sections

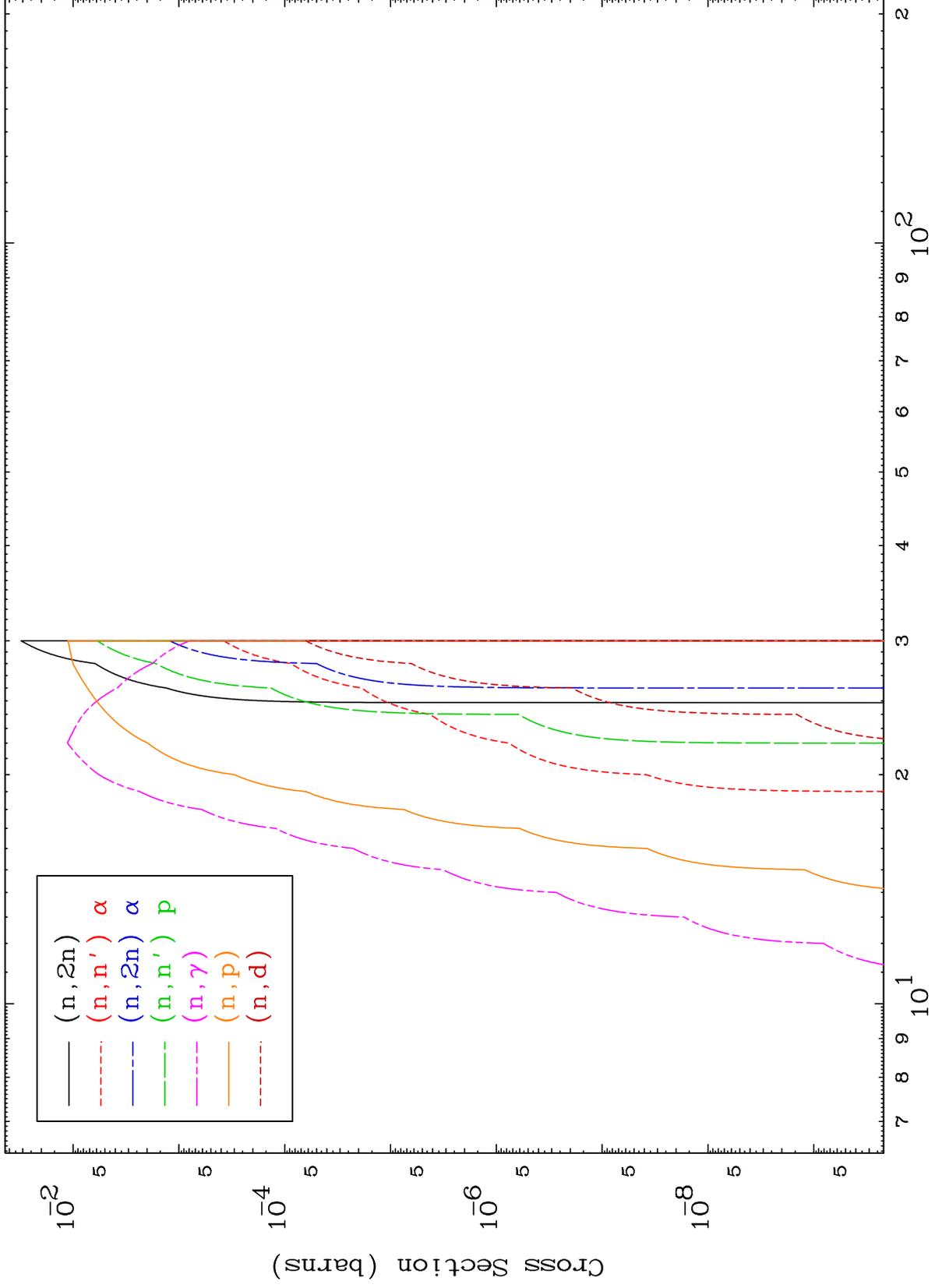
84-Po-200



1

Incident Energy (MeV)

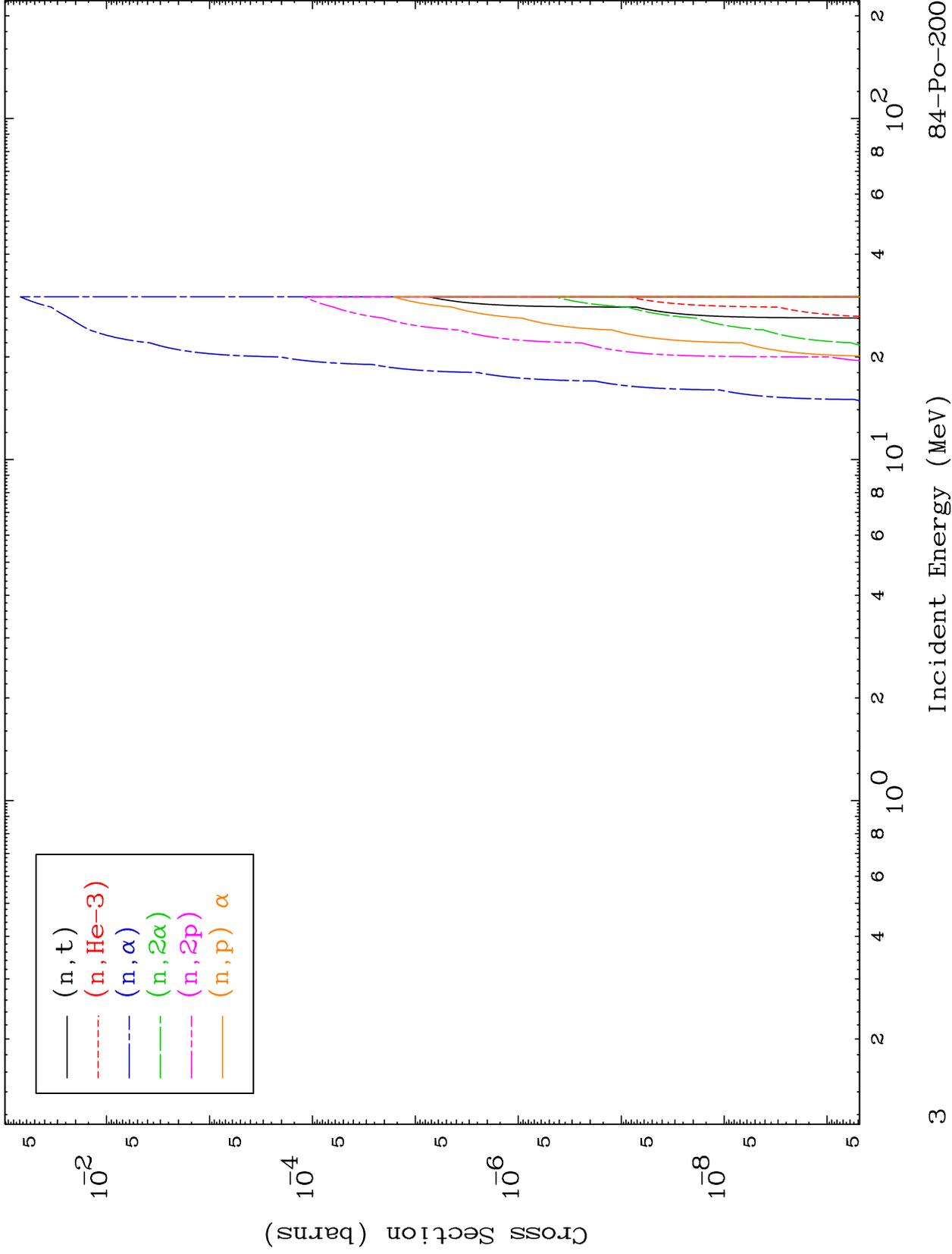
84-Po-200



MAT 8407

α Neutron Absorption
0 Kelvin Cross Sections

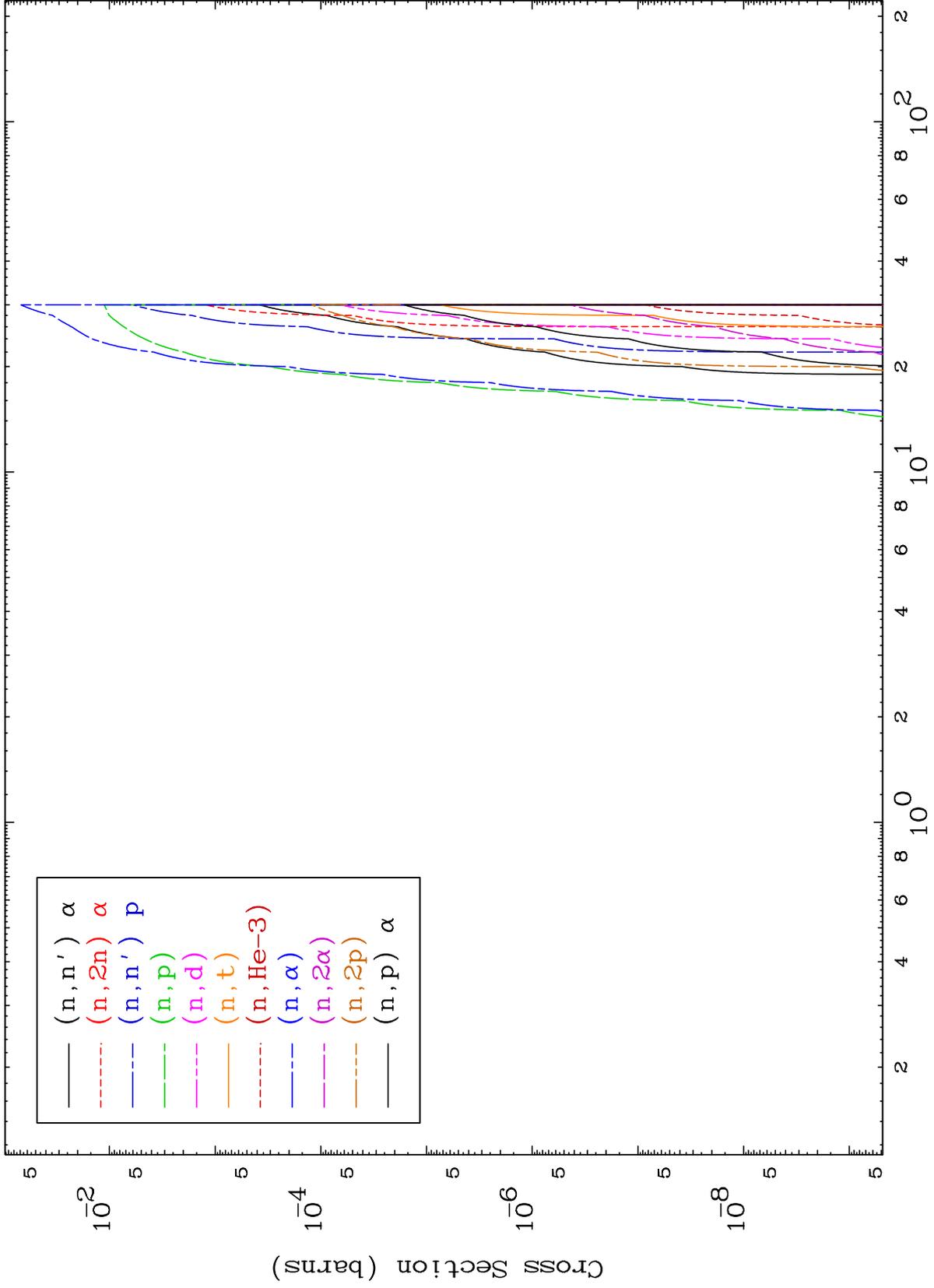
84-Po-200



MAT 8407

α Charged Particle
0 Kelvin Cross Sections

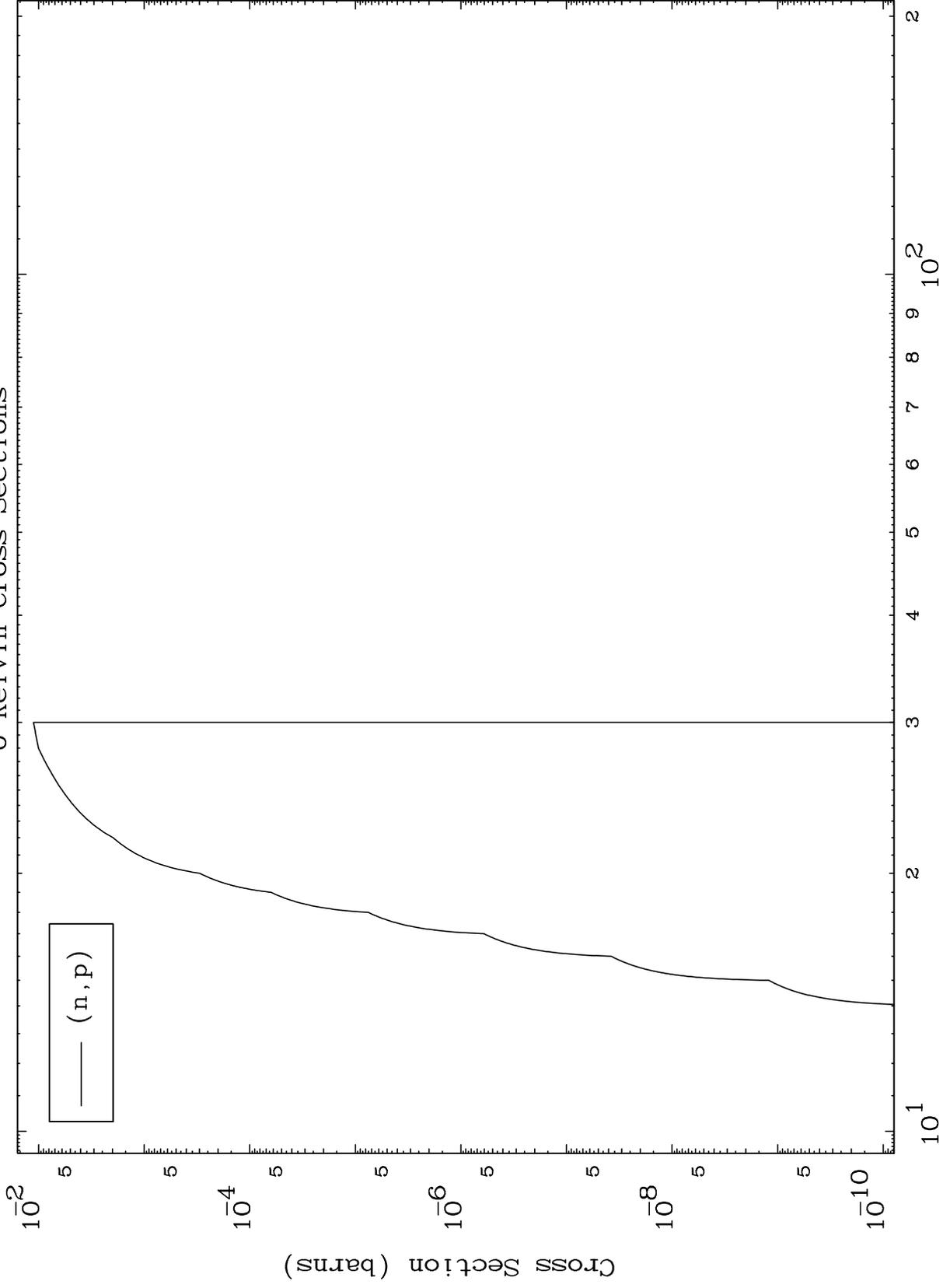
84-Po-200



MAT 8407

(α, p) Levels
0 Kelvin Cross Sections

84-Po-200



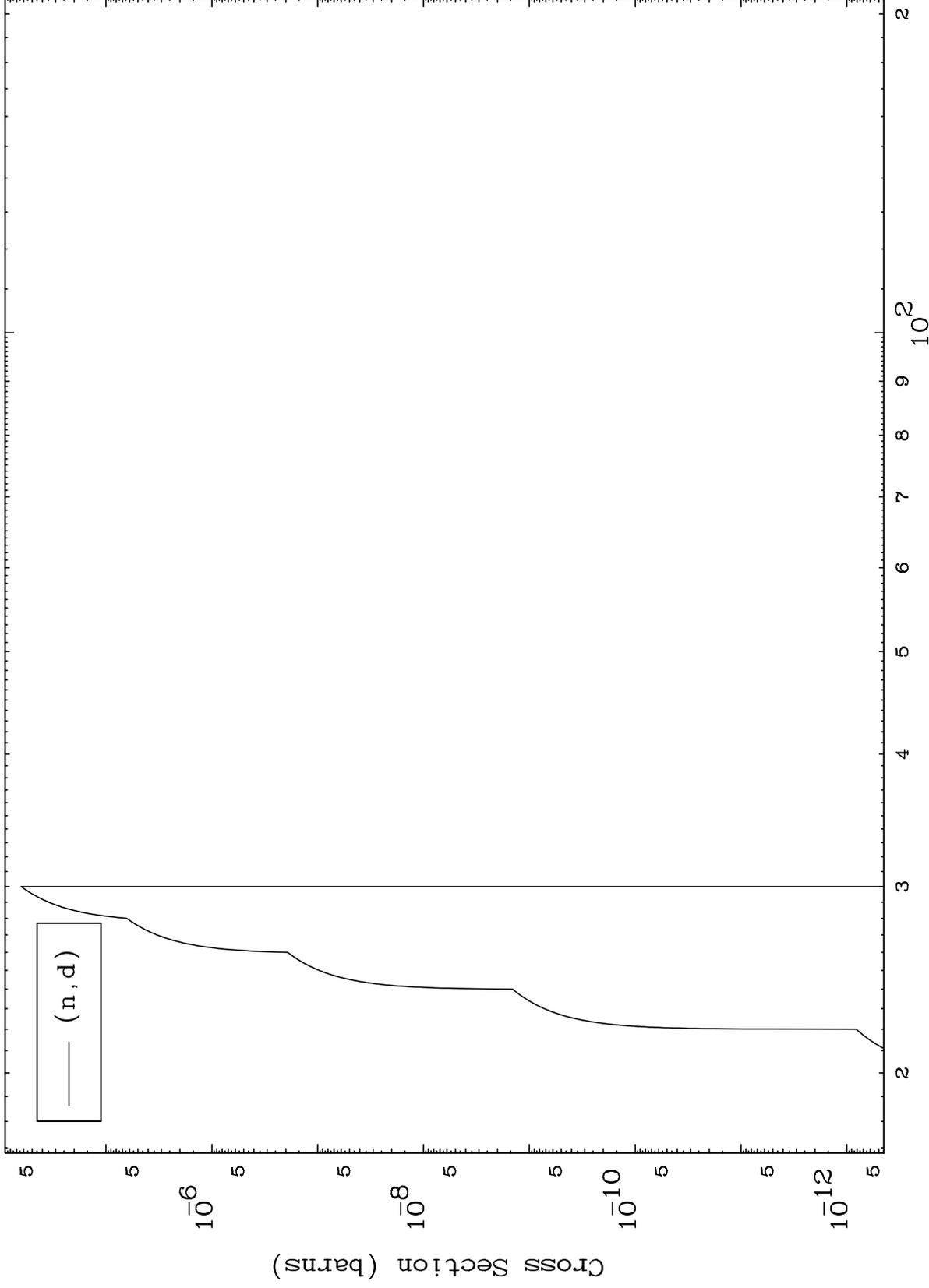
Incident Energy (MeV)

84-Po-200

MAT 8407

(α, d) Levels
0 Kelvin Cross Sections

84-Po-200



6

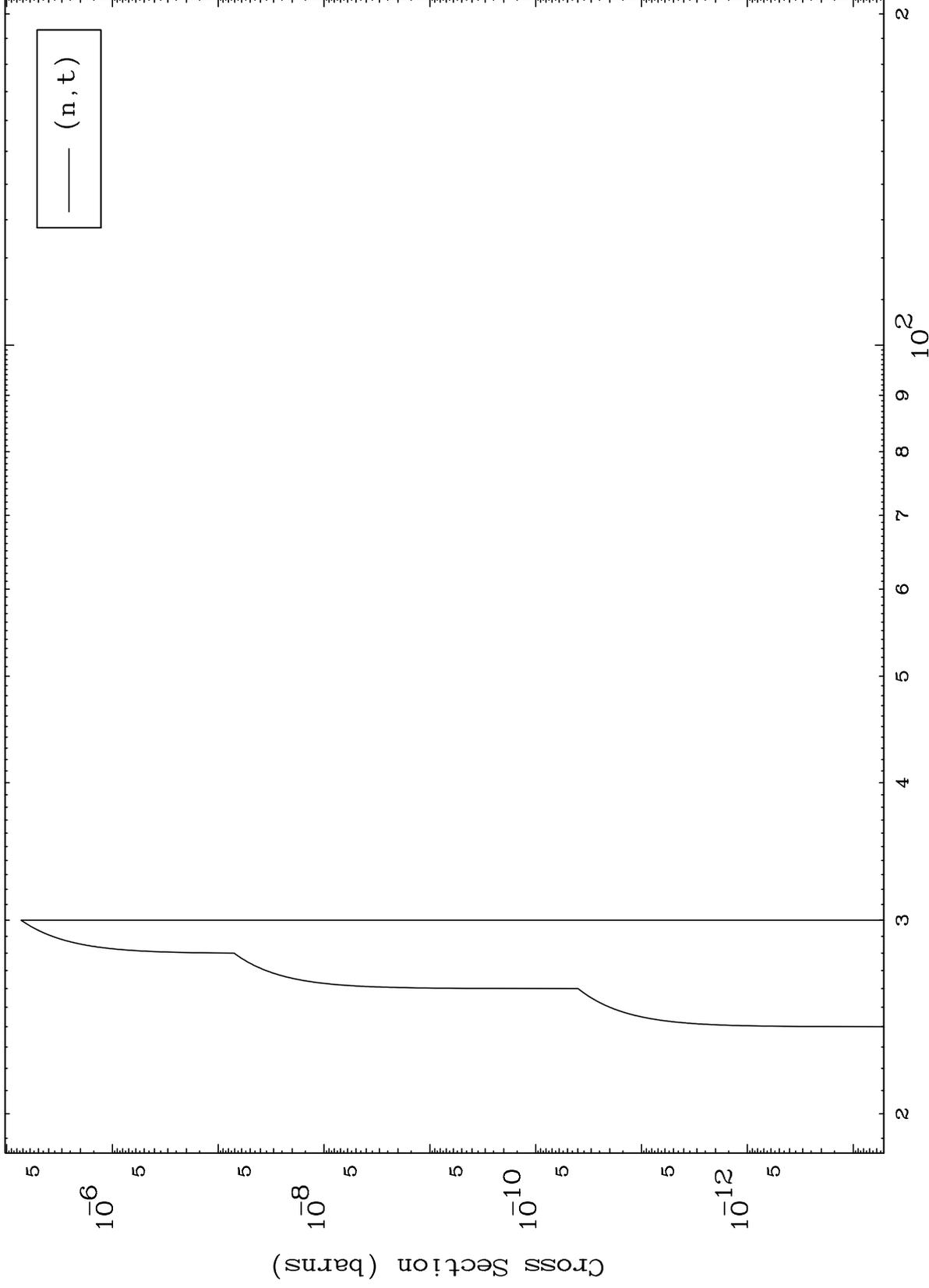
Incident Energy (MeV)

84-Po-200

MAT 8407

(α, t) Levels
0 Kelvin Cross Sections

84-Po-200



7

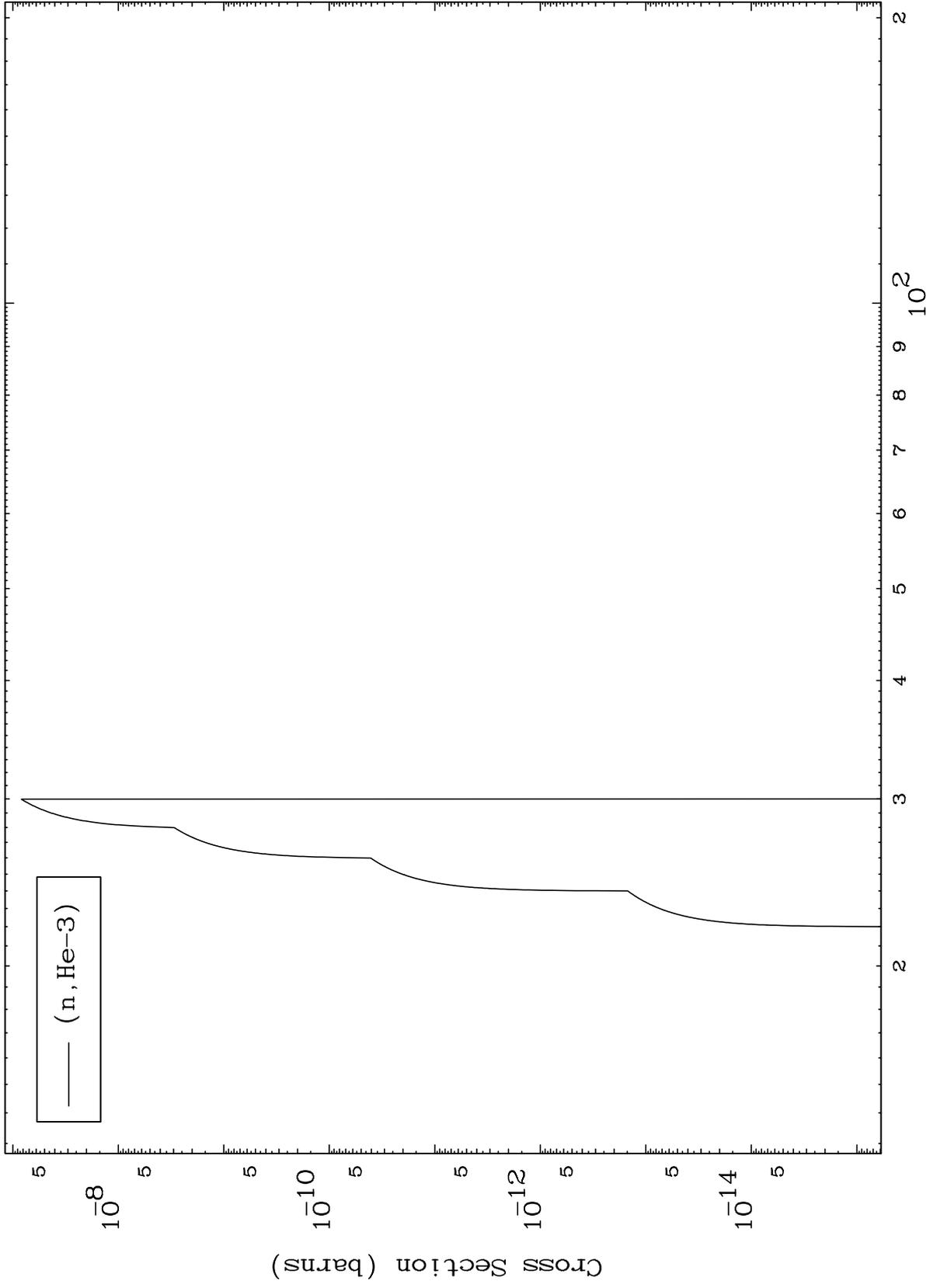
Incident Energy (MeV)

84-Po-200

MAT 8407

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

84-Po-200

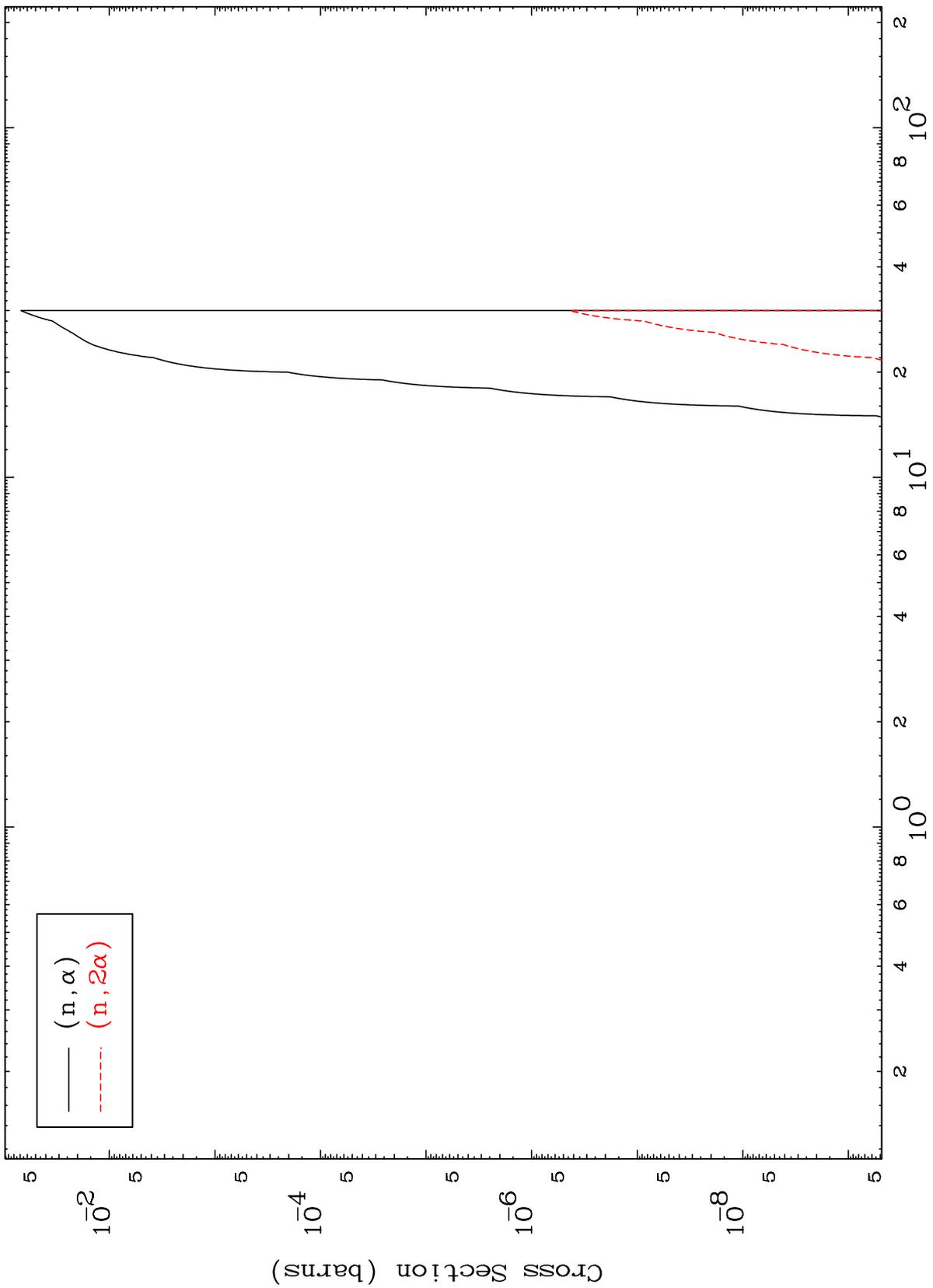


MAT 8407

(α, α) Levels

84-Po-200

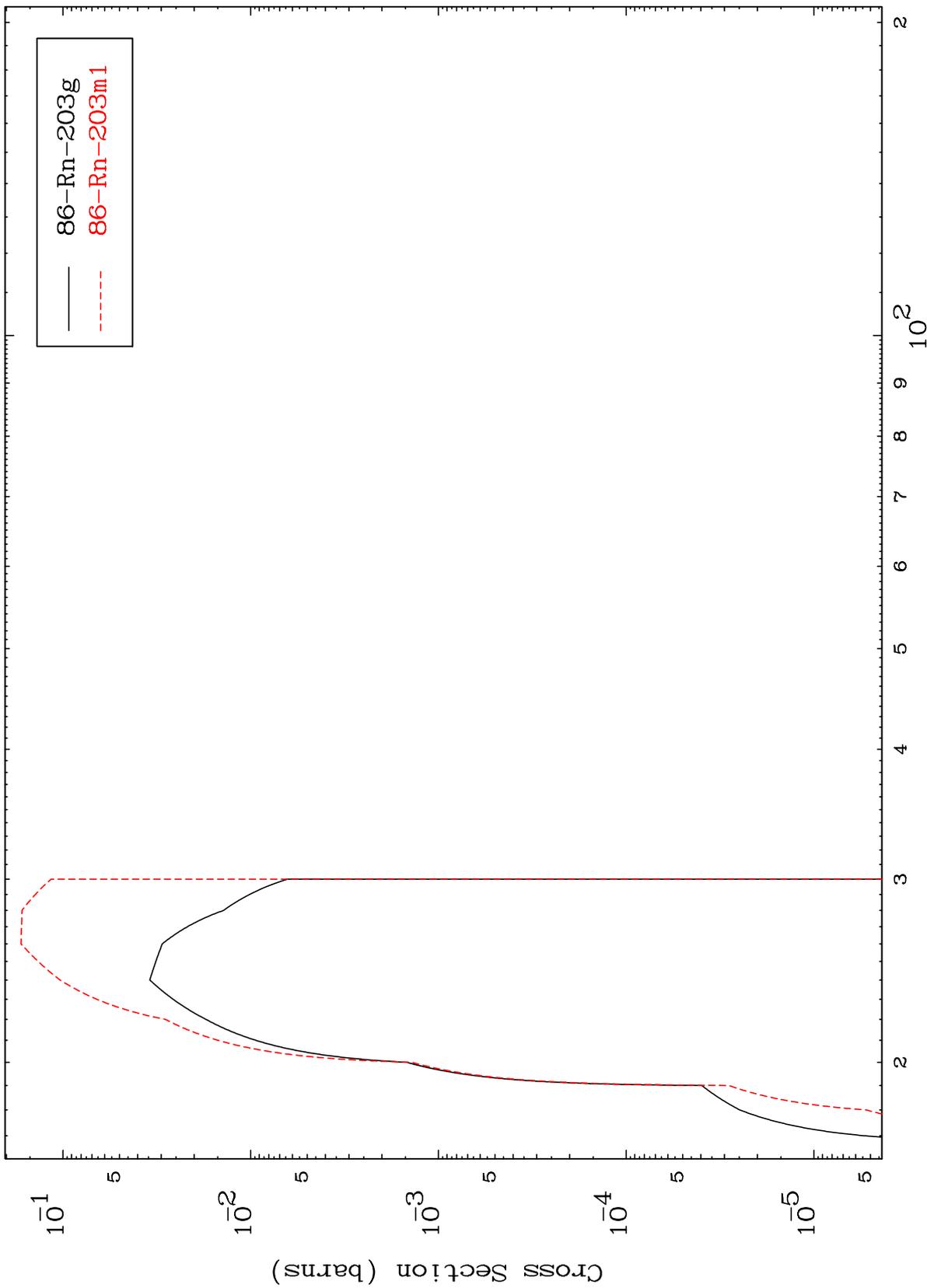
0 Kelvin Cross Sections



MAT 8407

84-Po-200

Inelastic
Radionuclide Production Cross Section



84-Po-200

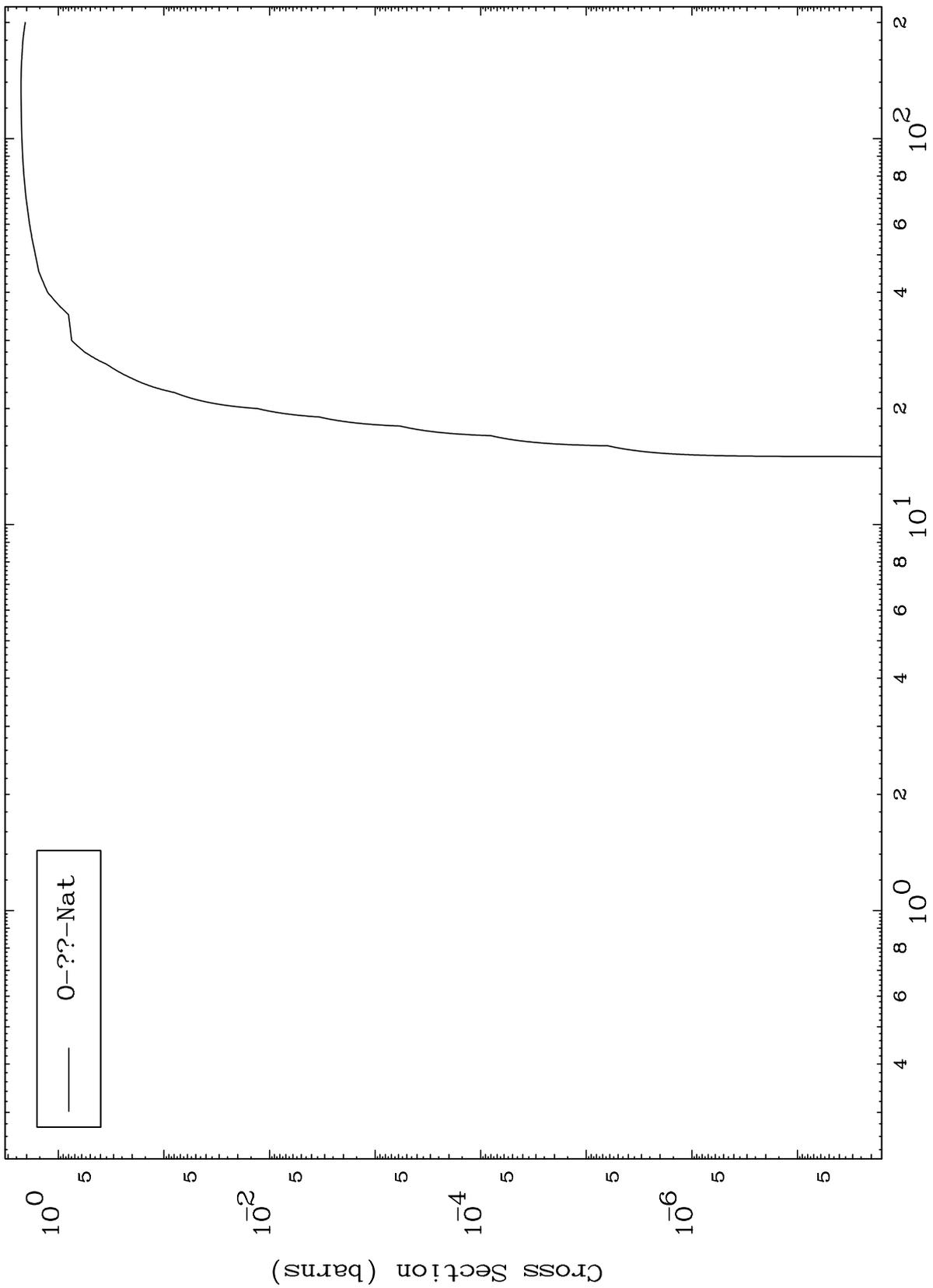
Incident Energy (MeV)

10

MAT 8407

84-Po-200

Fission
Radionuclide Production Cross Section

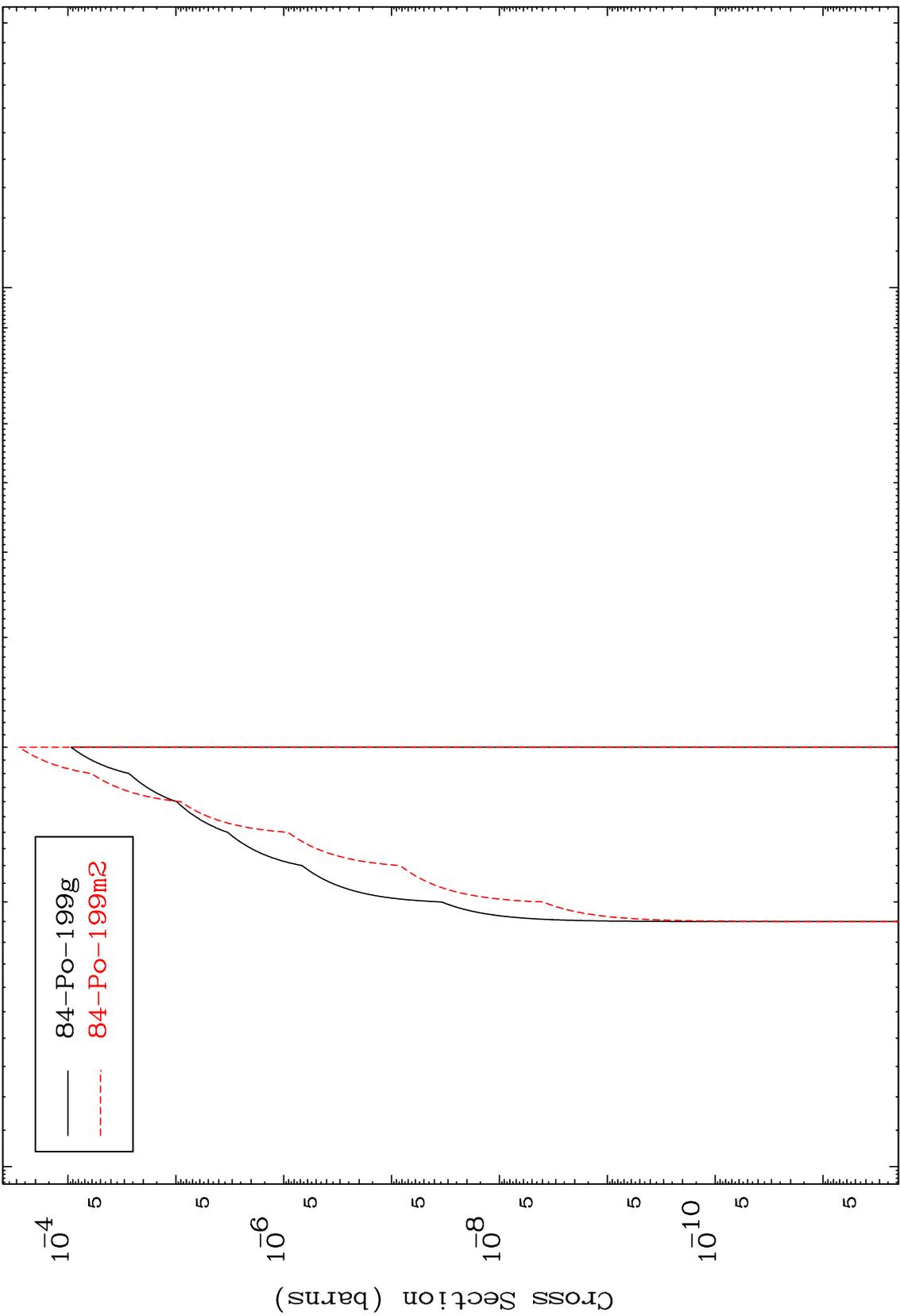


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(n,n') α

84-Po-200

Radionuclide Production Cross Section



84-Po-200

10²

9

8

7

6

5

4

3

2

1

10¹

12

Incident Energy (MeV)

84-Po-200

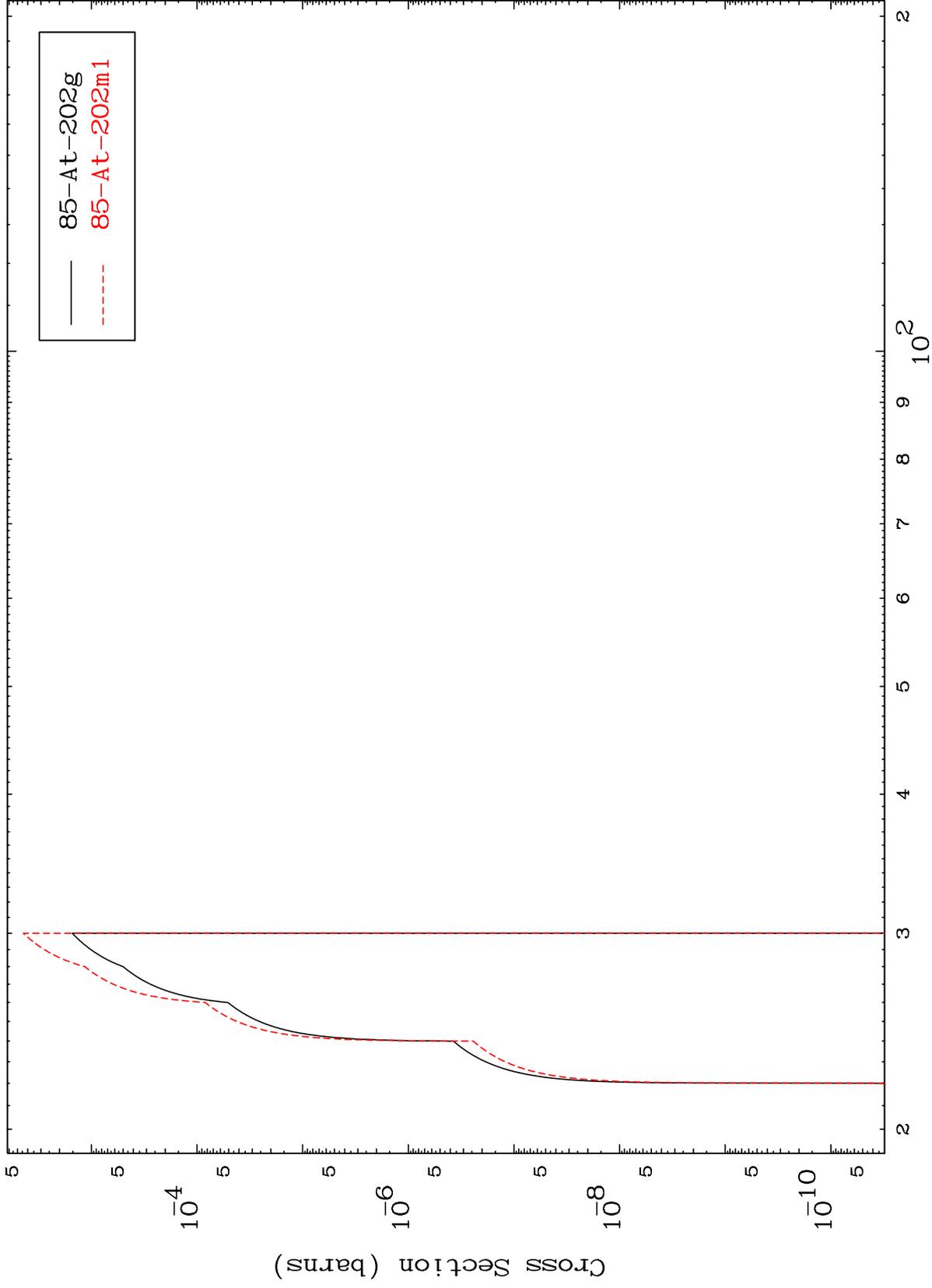
12

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(n,n') p

84-Po-200

Radionuclide Production Cross Section



13

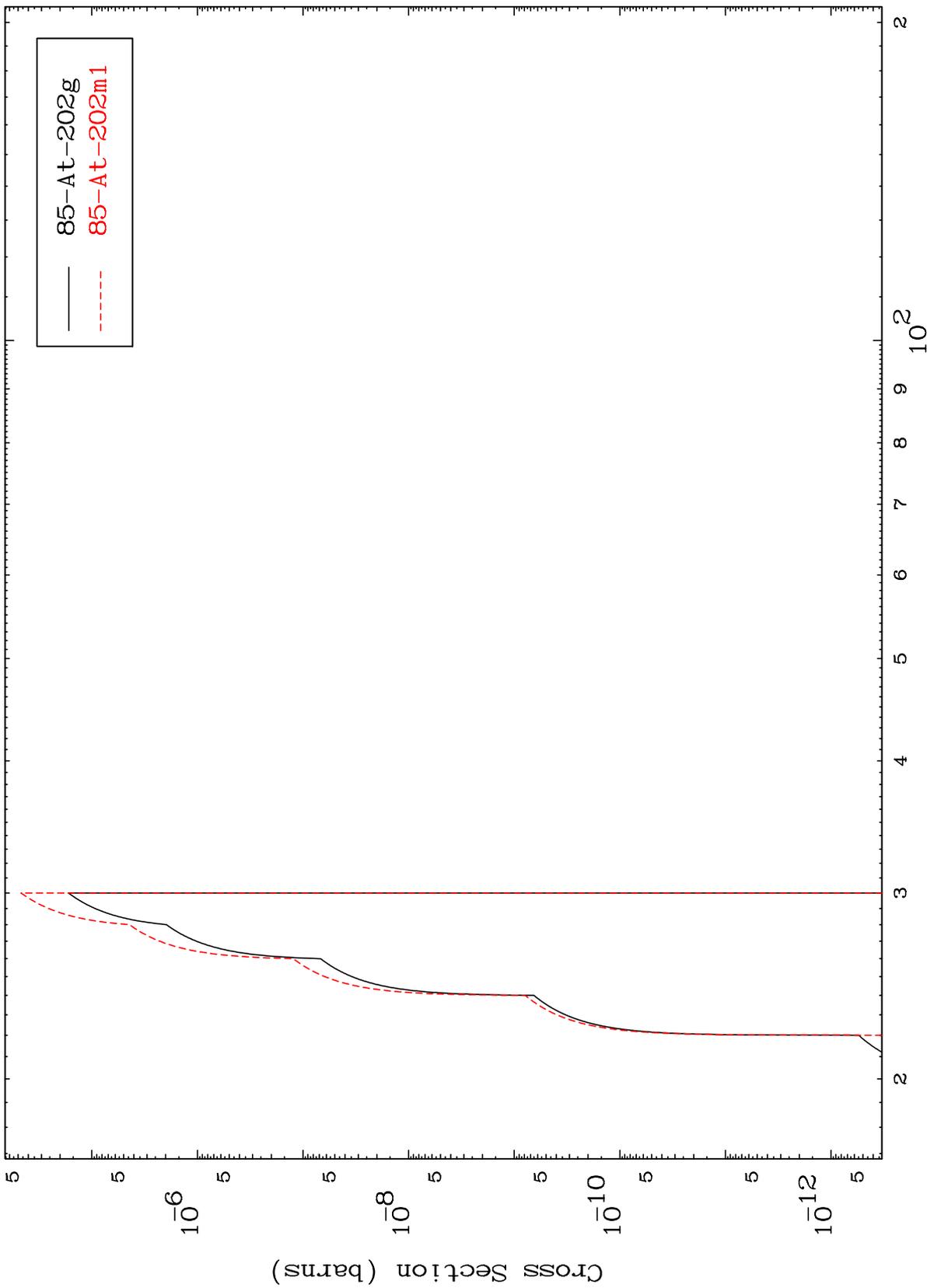
Incident Energy (MeV)

84-Po-200

MAT 8407

84-Po-200

(n,d)
Radionuclide Production Cross Section



14

84-Po-200

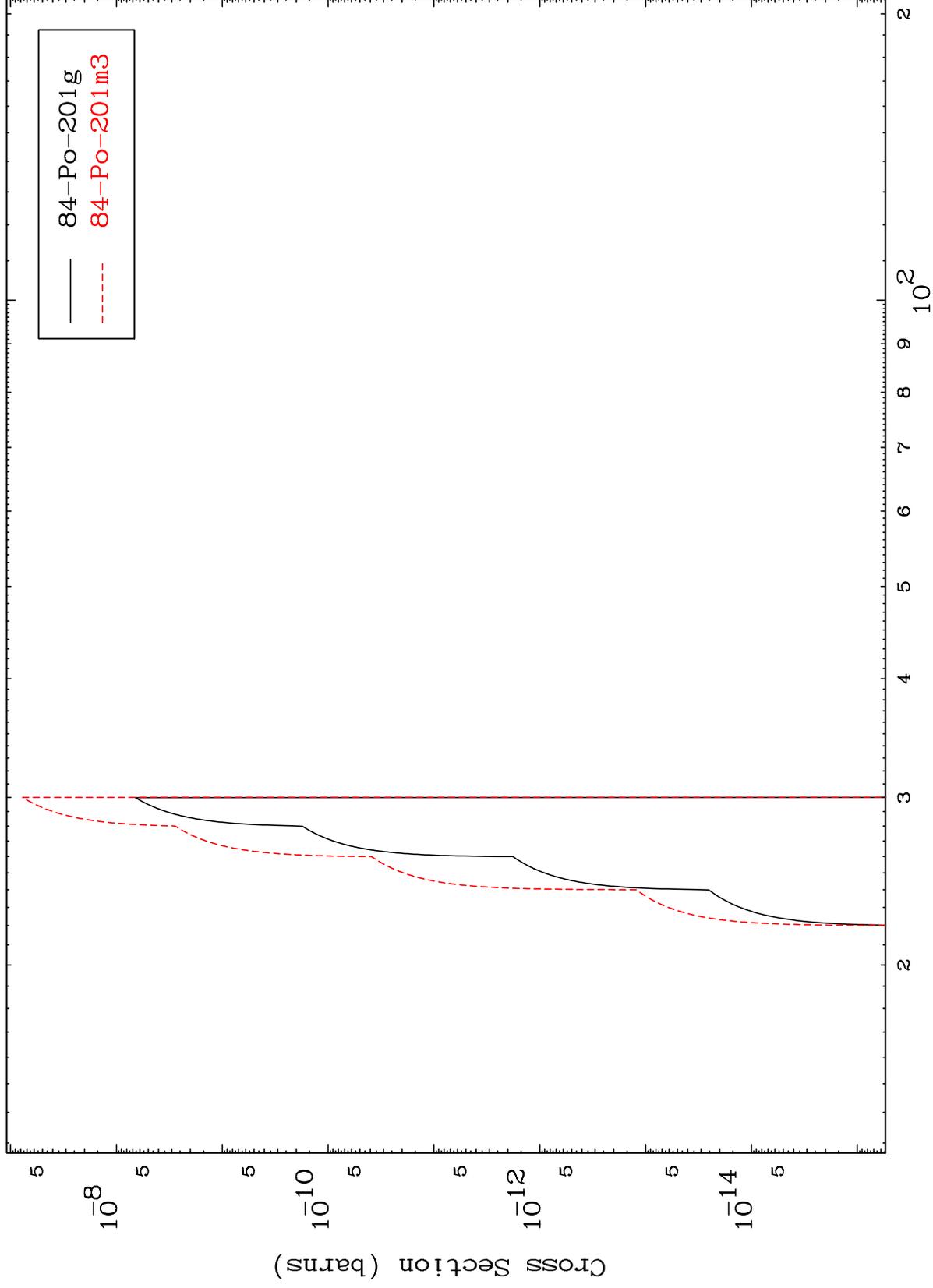
Incident Energy (MeV)

MAT 8407

(n,He-3)

84-Po-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

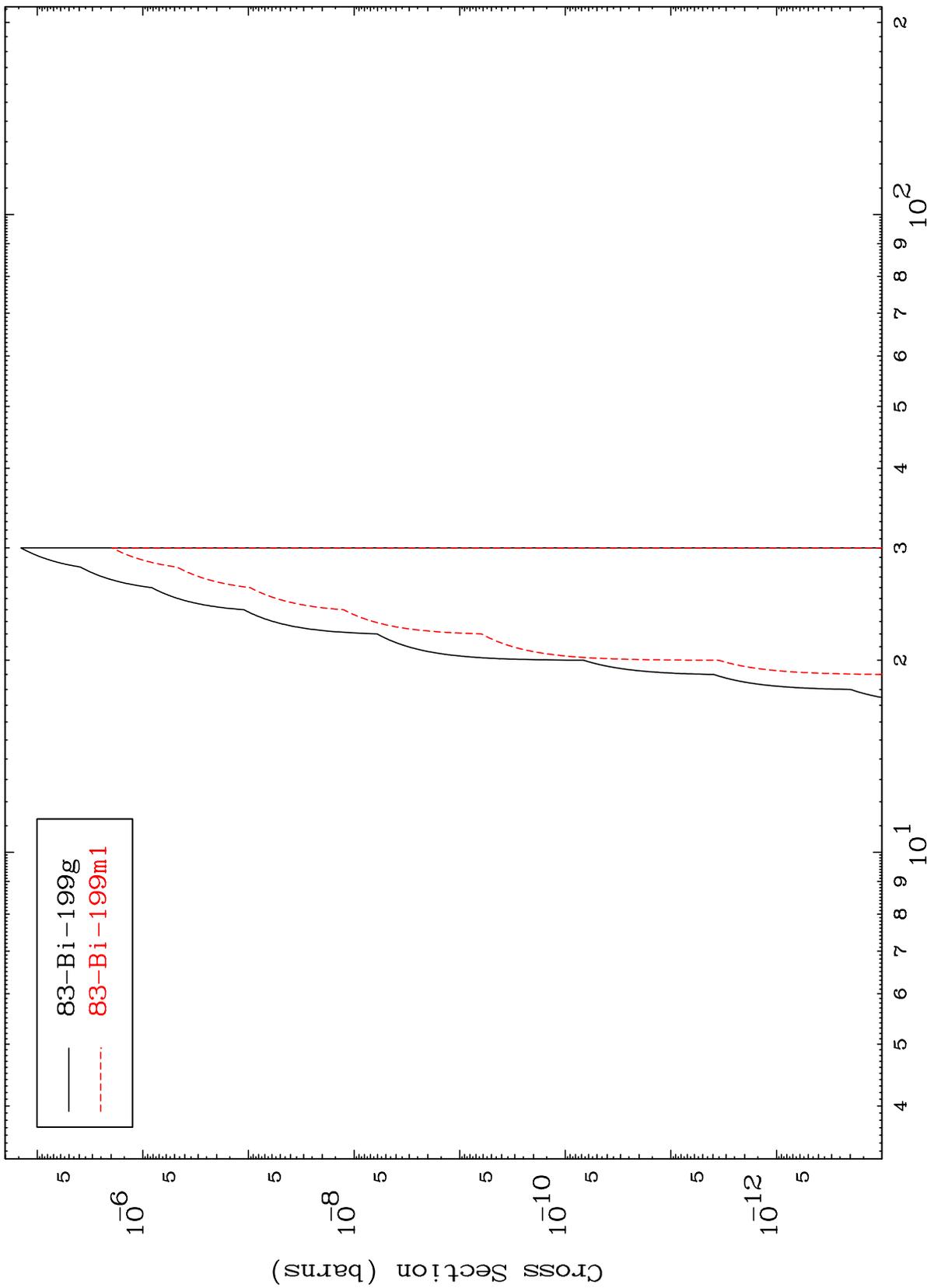
84-Po-200

MAT 8407

(n,p) α

84-Po-200

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

16

Incident Energy (MeV)

84-Po-200