

Program EVALPLOT
(Version 2021-1)

by

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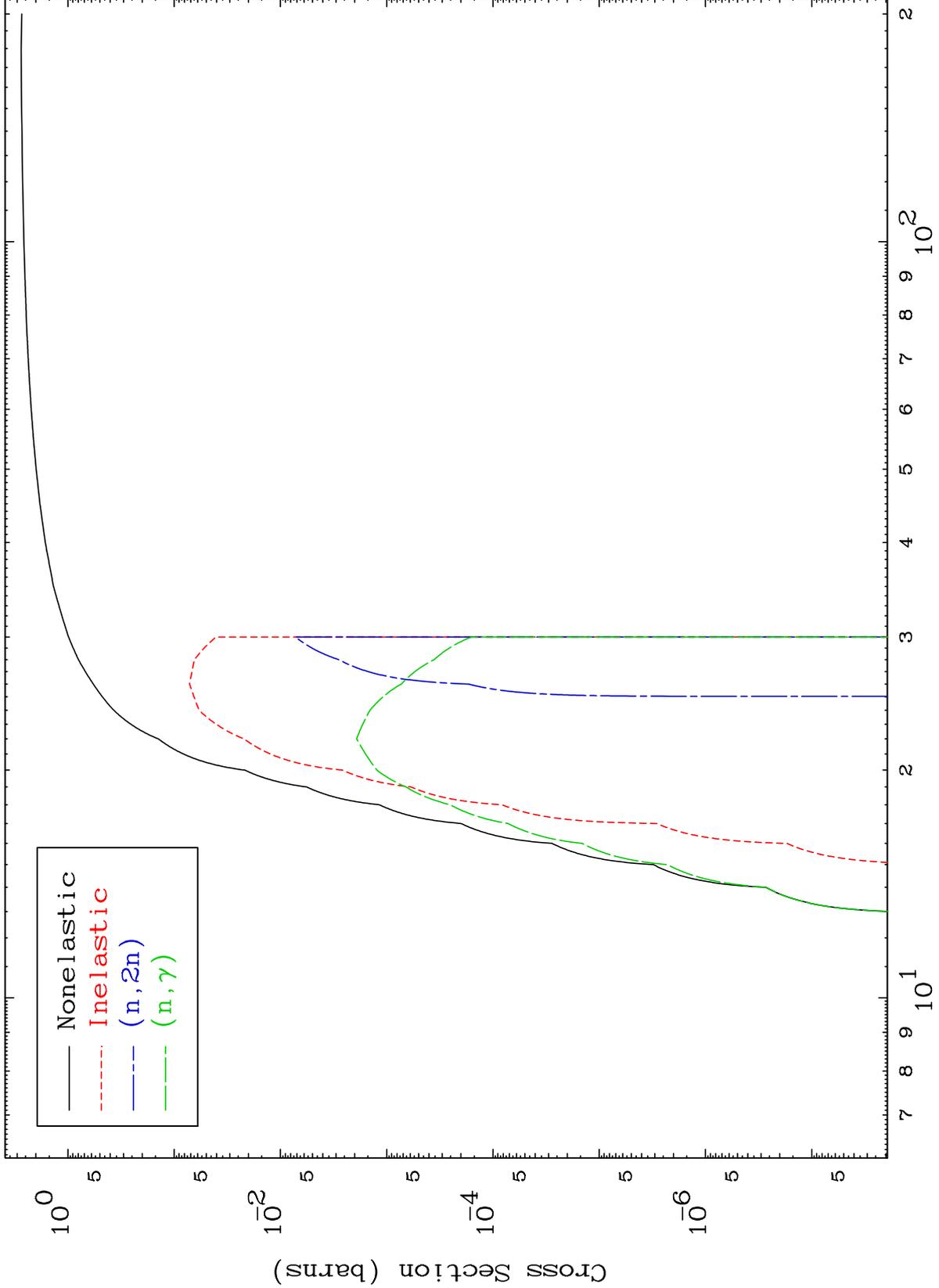
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Press Mouse Button to Start

MAT 8405

0 Kelvin Cross Sections

84-Po-199m



1

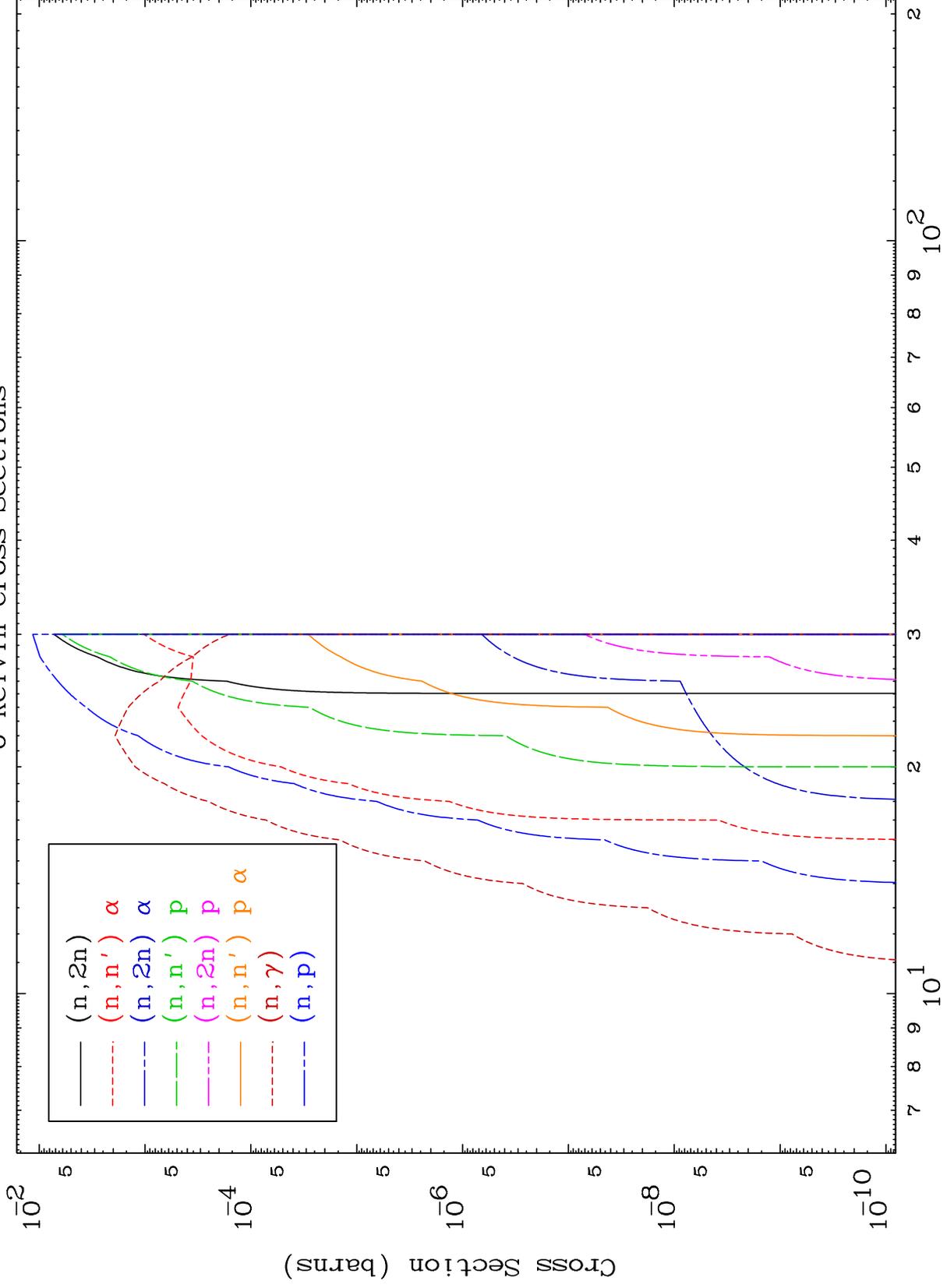
Incident Energy (MeV)

84-Po-199m

MAT 8405

α Neutron Absorption
0 Kelvin Cross Sections

84-Po-199m



2

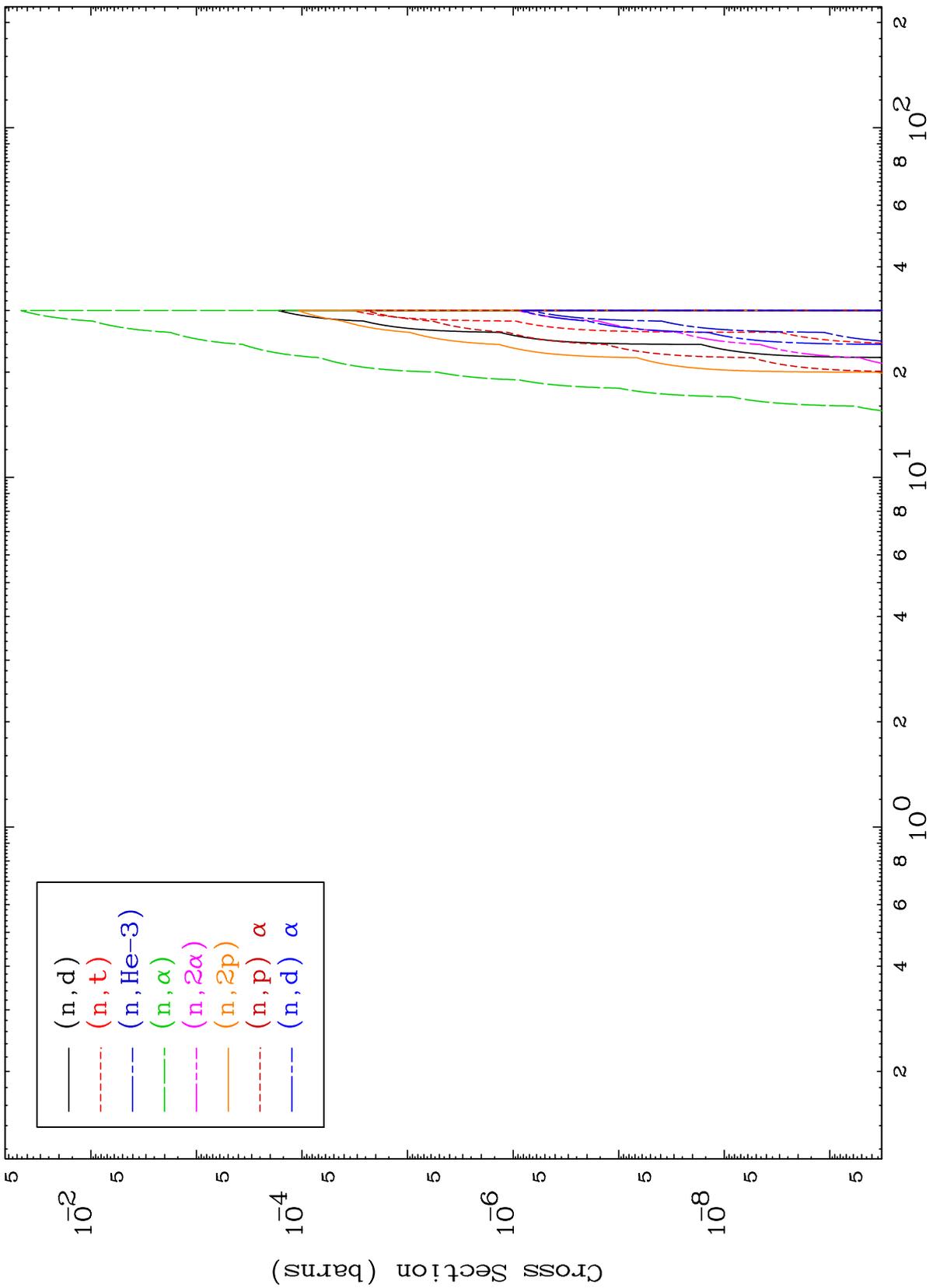
Incident Energy (MeV)

84-Po-199m

MAT 8405

α Neutron Absorption
0 Kelvin Cross Sections

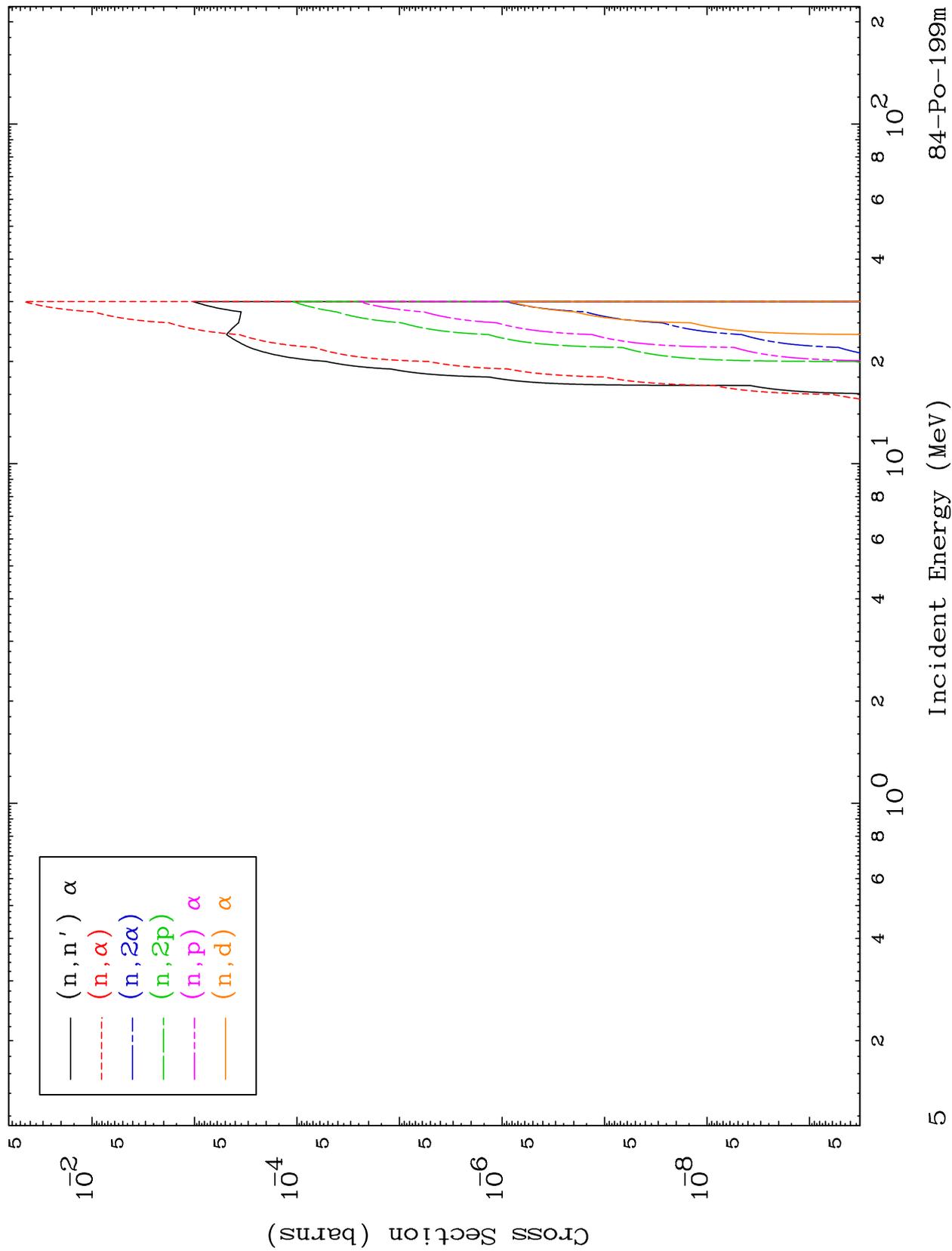
84-Po-199m



84-Po-199m

Incident Energy (MeV)

3

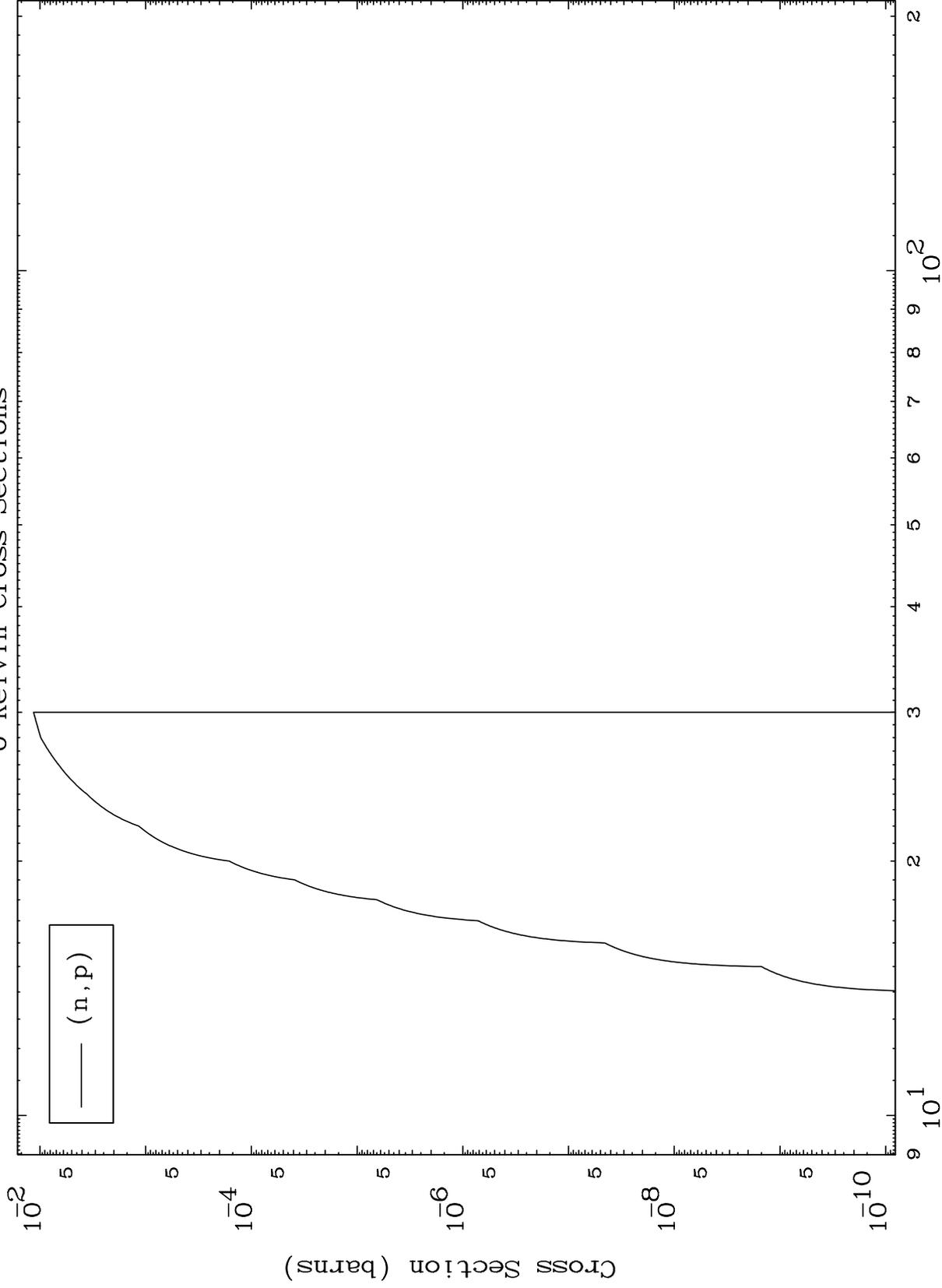


MAT 8405

(α, p) Levels

84-Po-199m

0 Kelvin Cross Sections



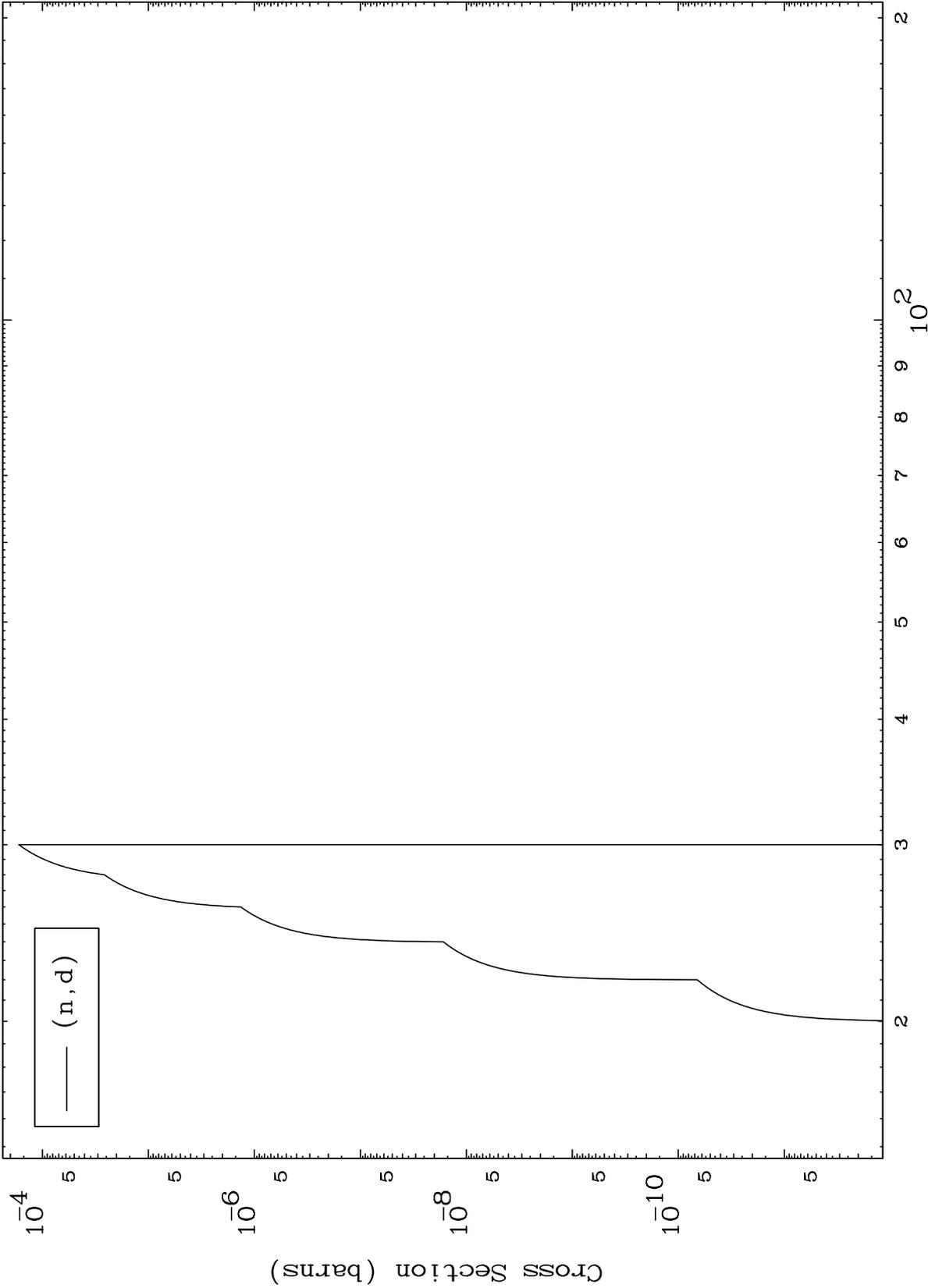
Incident Energy (MeV)

84-Po-199m

MAT 8405

(α, d) Levels
0 Kelvin Cross Sections

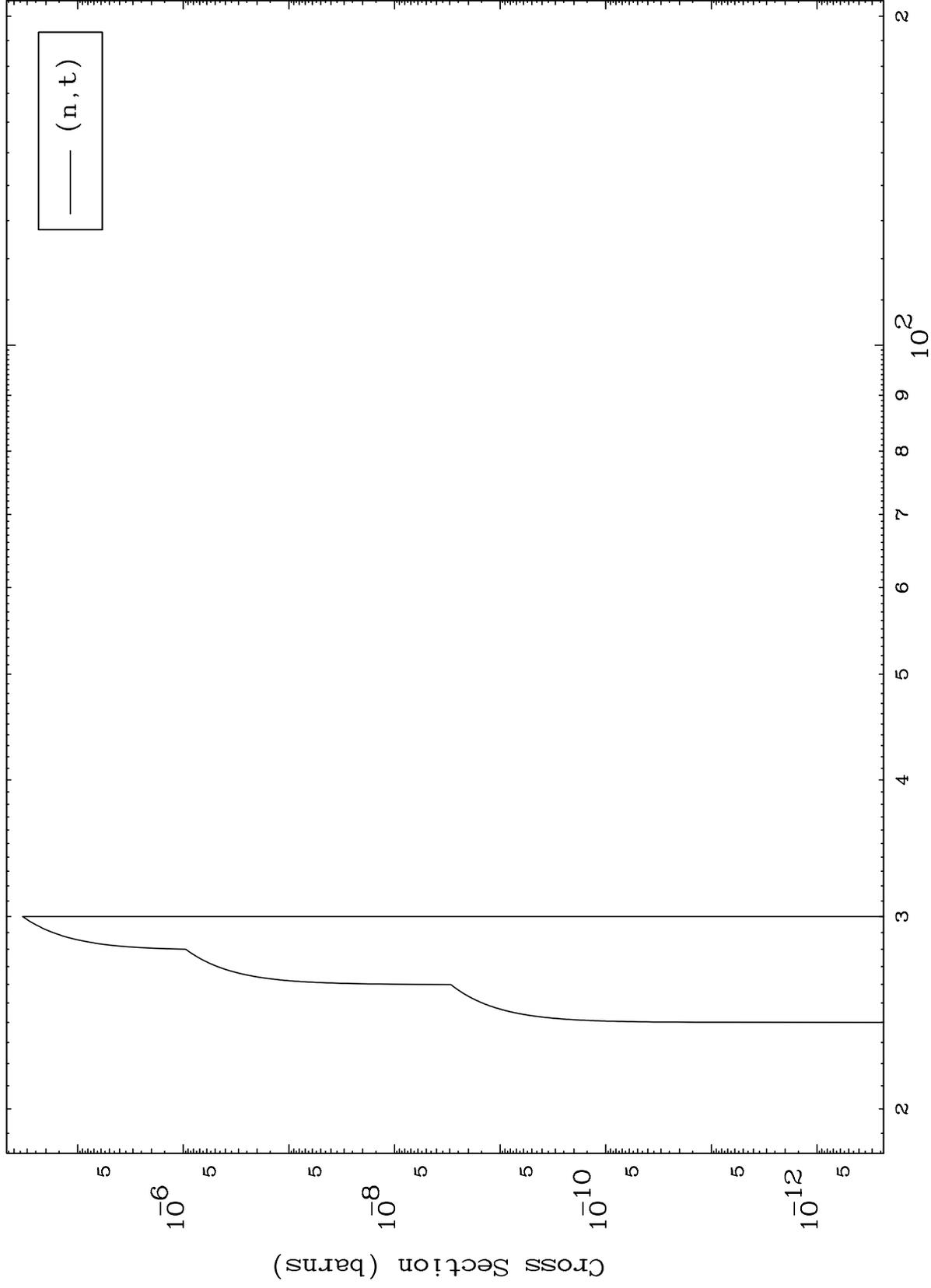
84-Po-199m



MAT 8405

(α, t) Levels
0 Kelvin Cross Sections

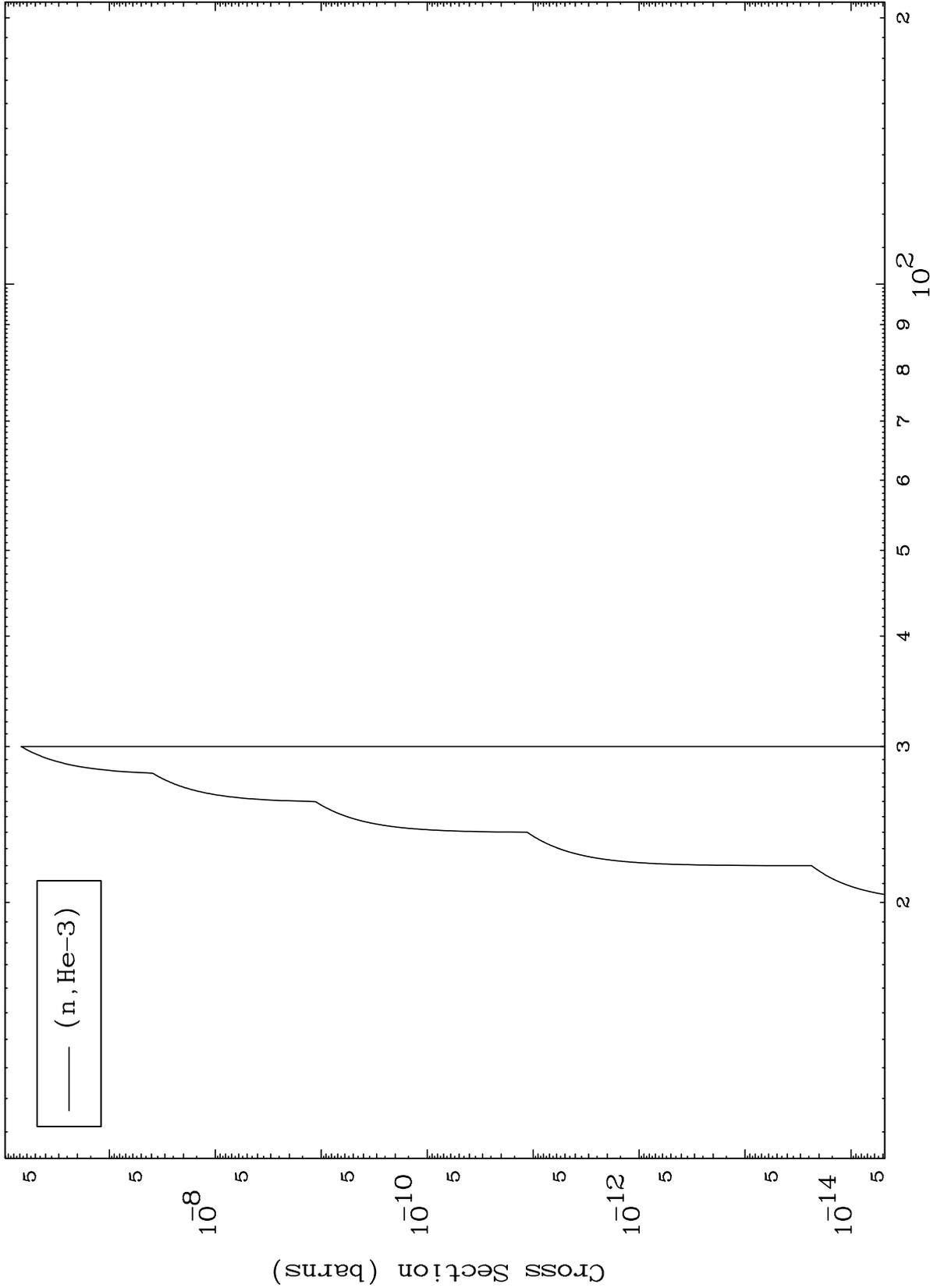
84-Po-199m



8

Incident Energy (MeV)

84-Po-199m

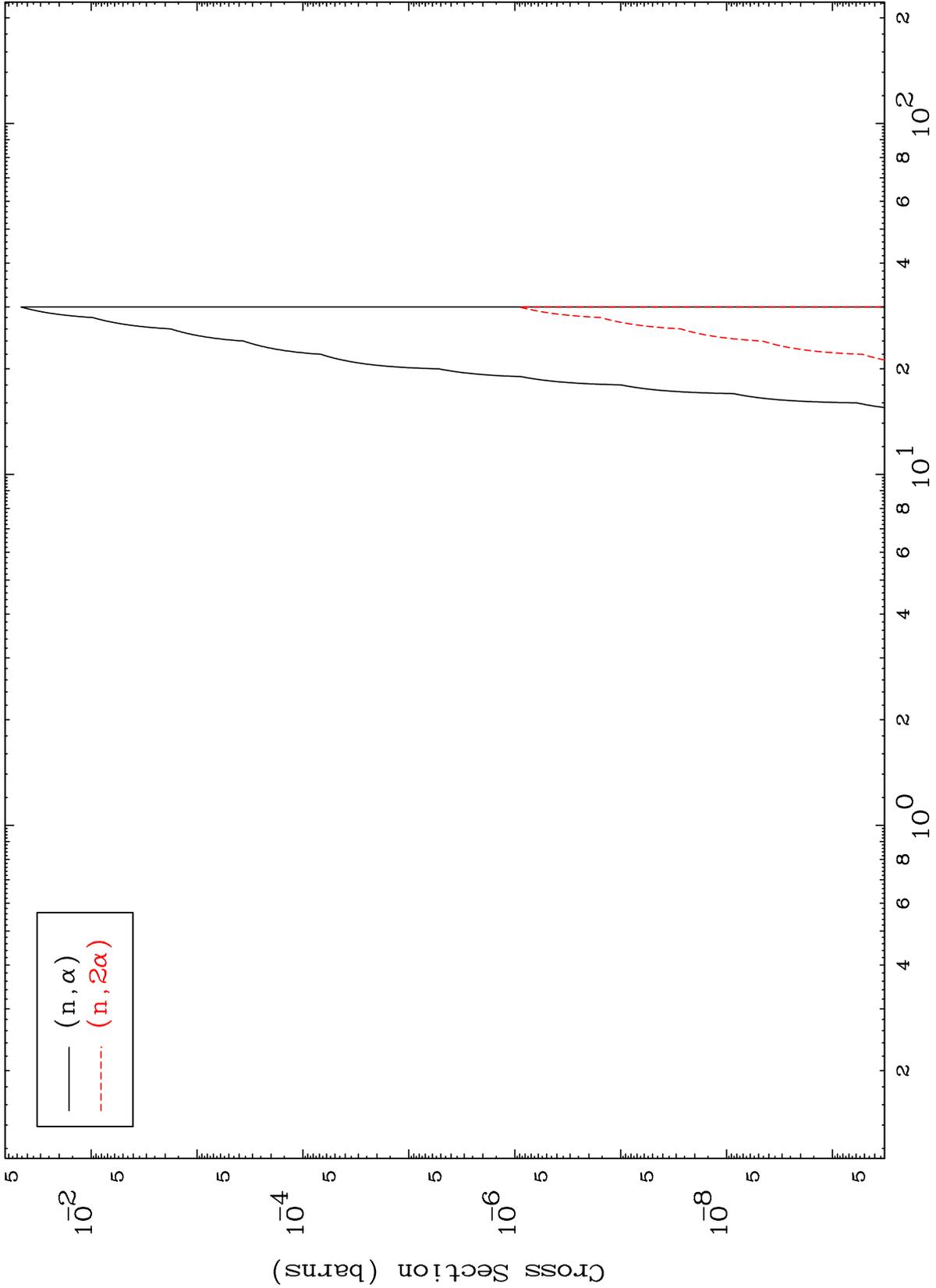


MAT 8405

(α, α) Levels

84-Po-199m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

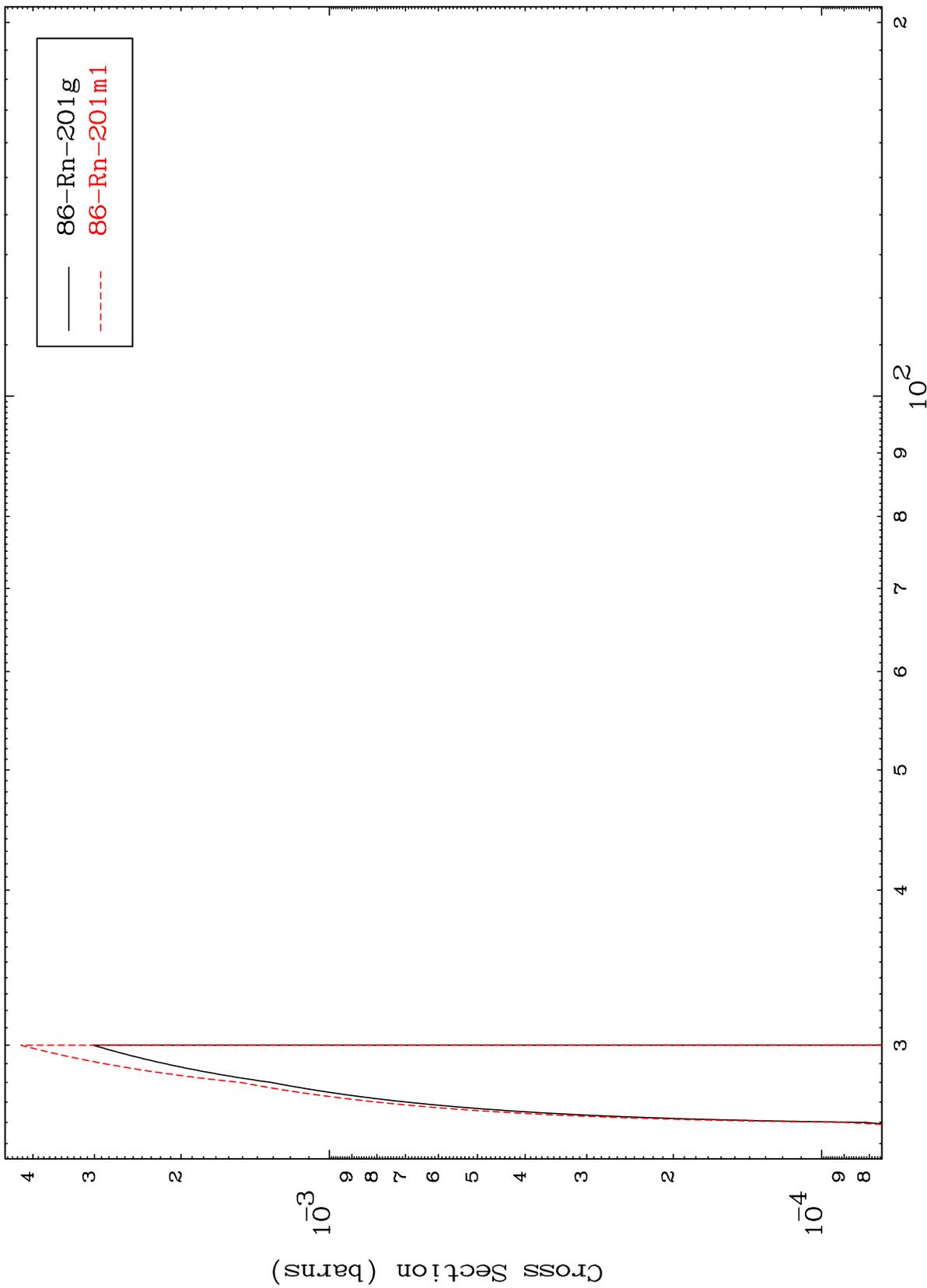
Incident Energy (MeV)

84-Po-199m

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84-Po-199m

(n,2n)
Radionuclide Production Cross Section



86-Rn-201g
86-Rn-201m1

11

84-Po-199m

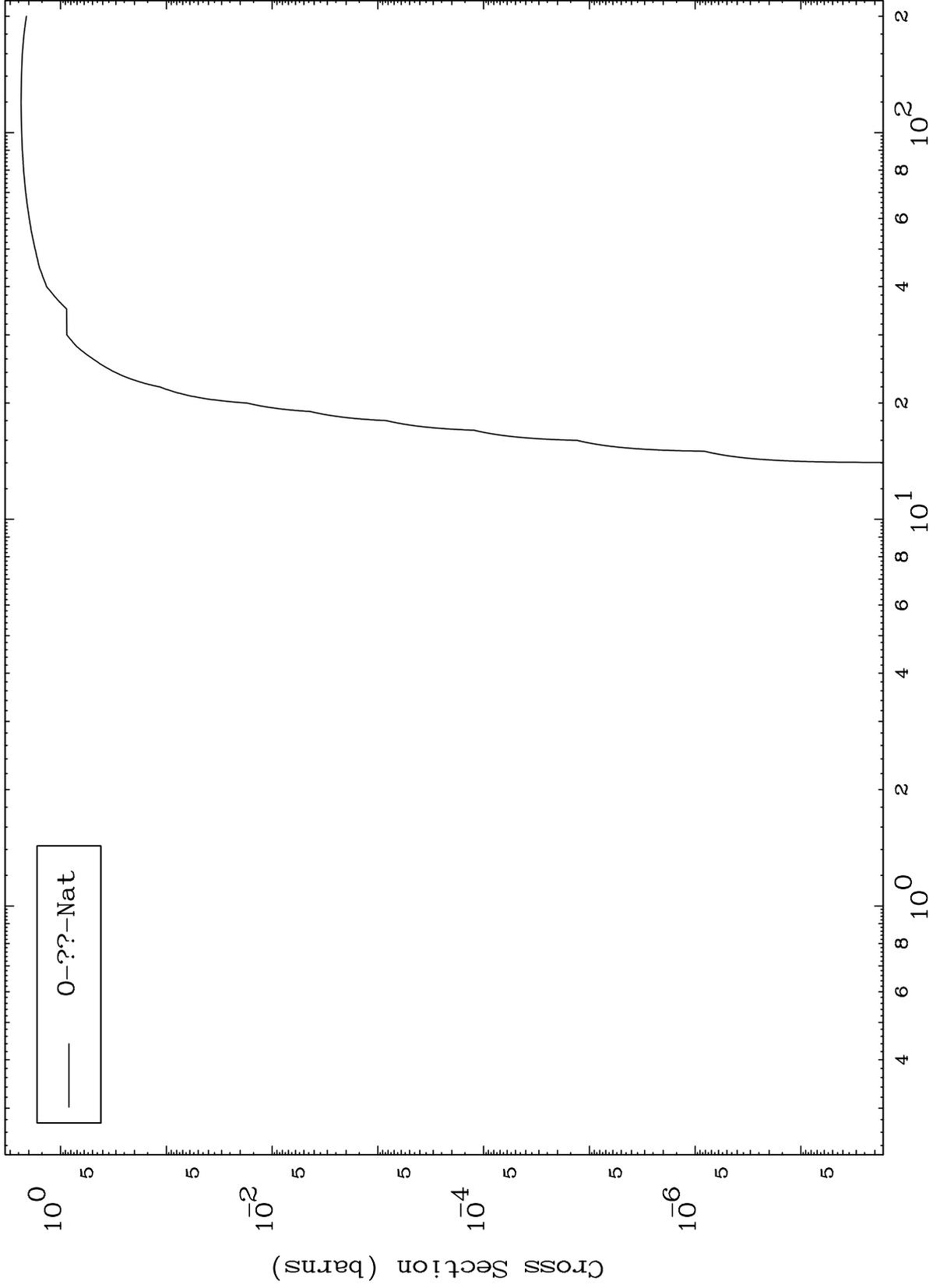
Incident Energy (MeV)

MAT 8405

Fission

84-Po-199m

Radionuclide Production Cross Section

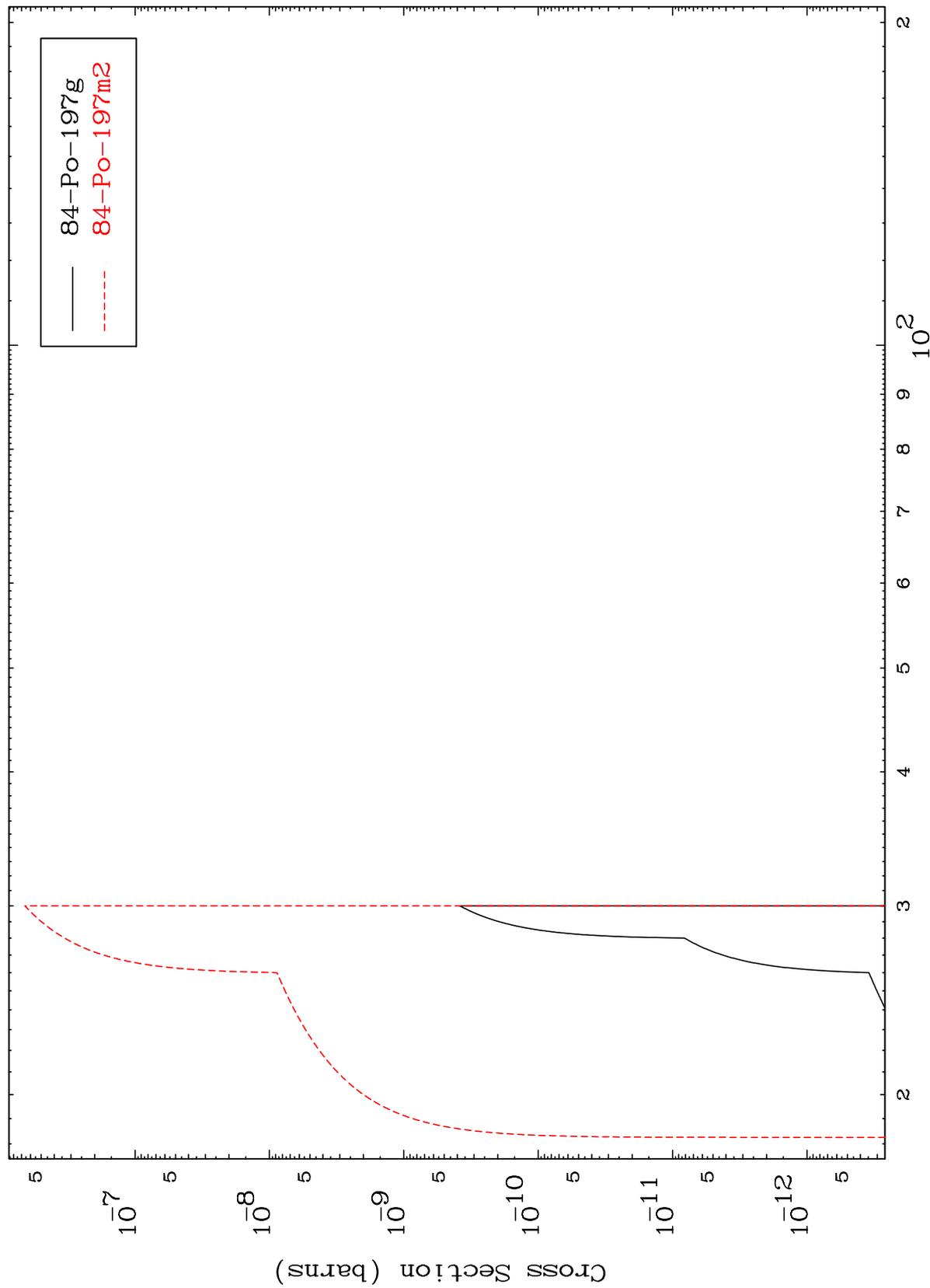


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(n,2n) α

84-Po-199m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

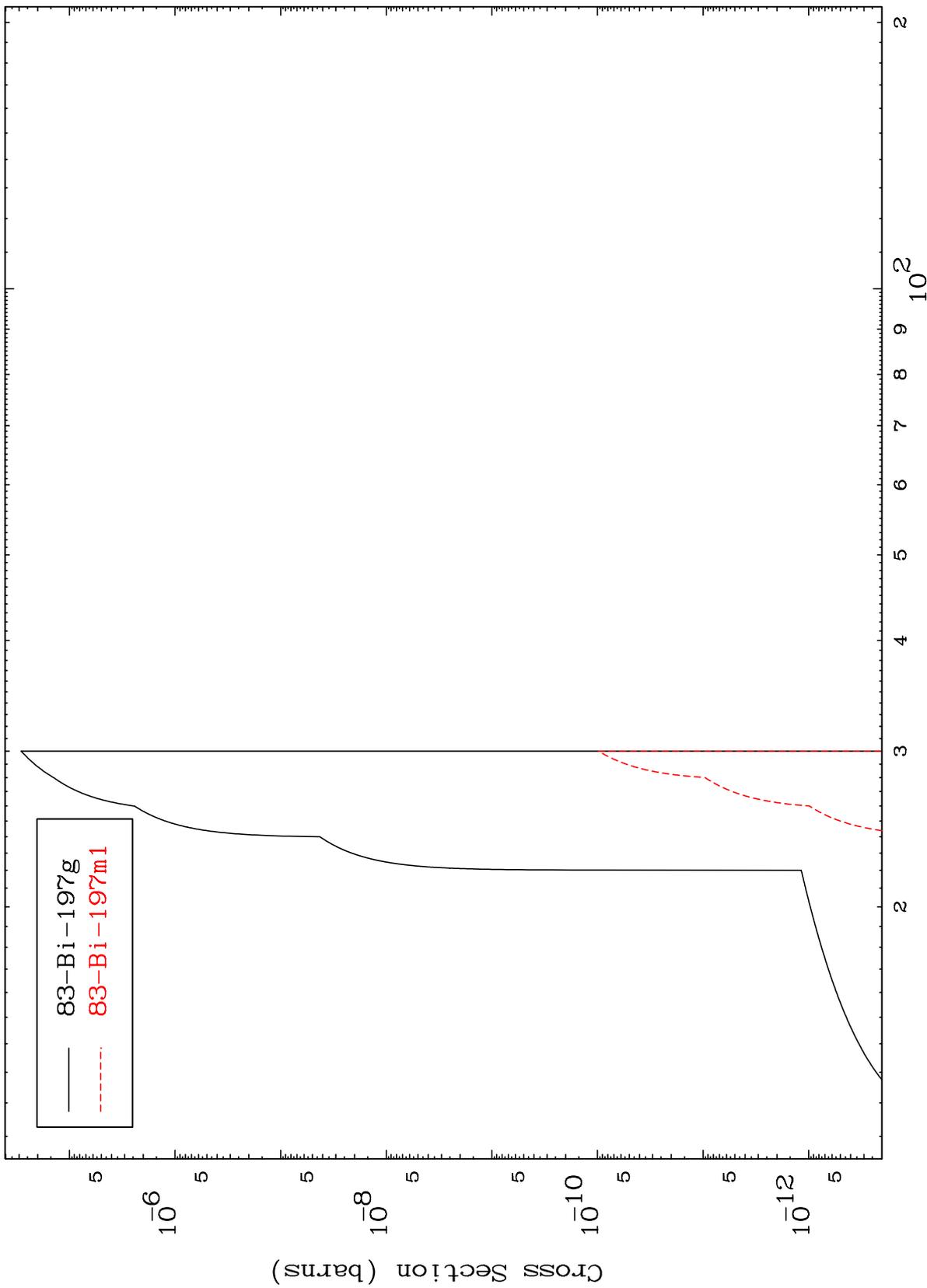
84-Po-199m

MAT 8405

(n,n') p α

84-Po-199m

Radionuclide Production Cross Section



14

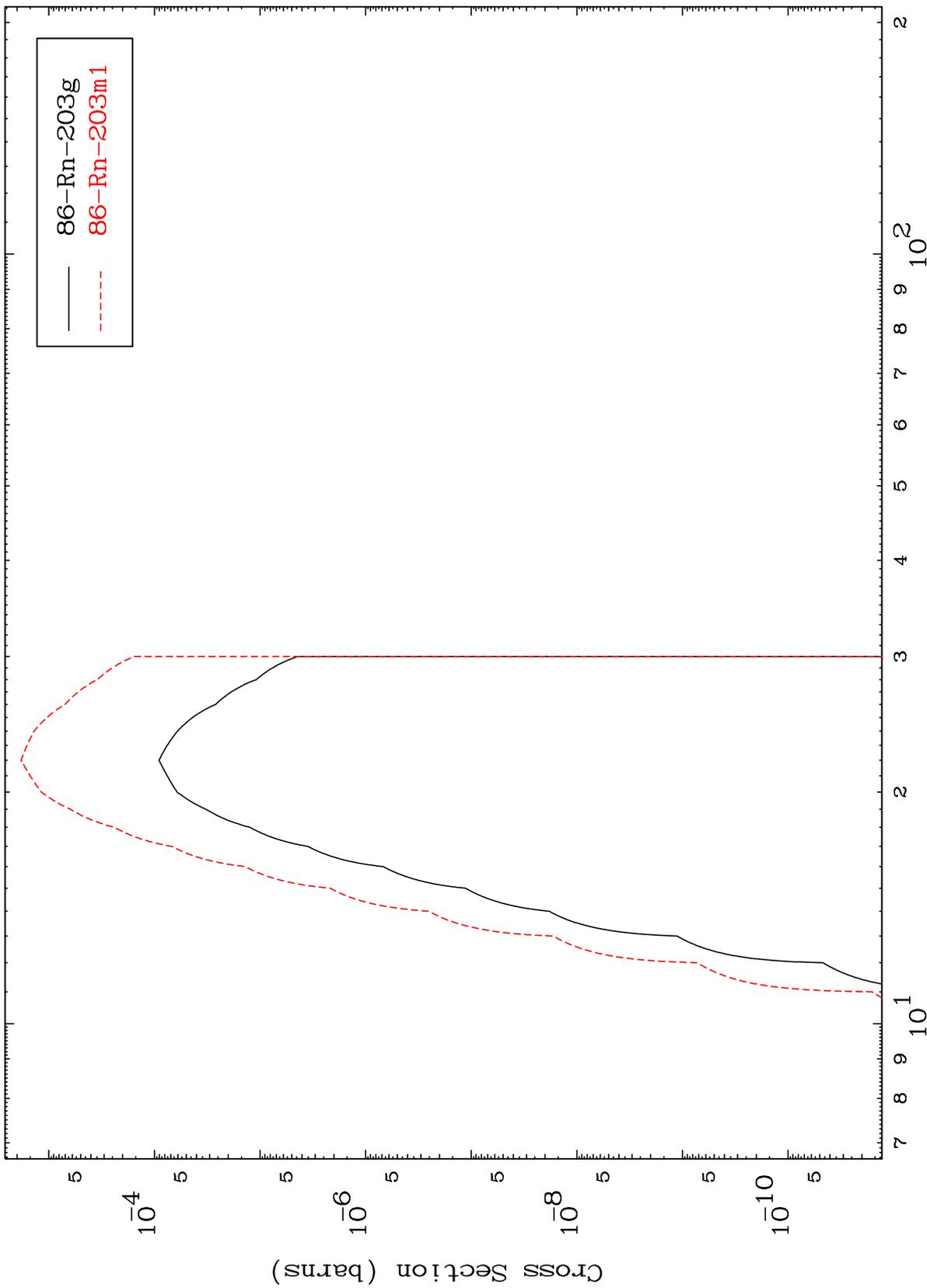
Incident Energy (MeV)

84-Po-199m

MAT 8405

84-Po-199m

(n,γ)
Radionuclide Production Cross Section



15

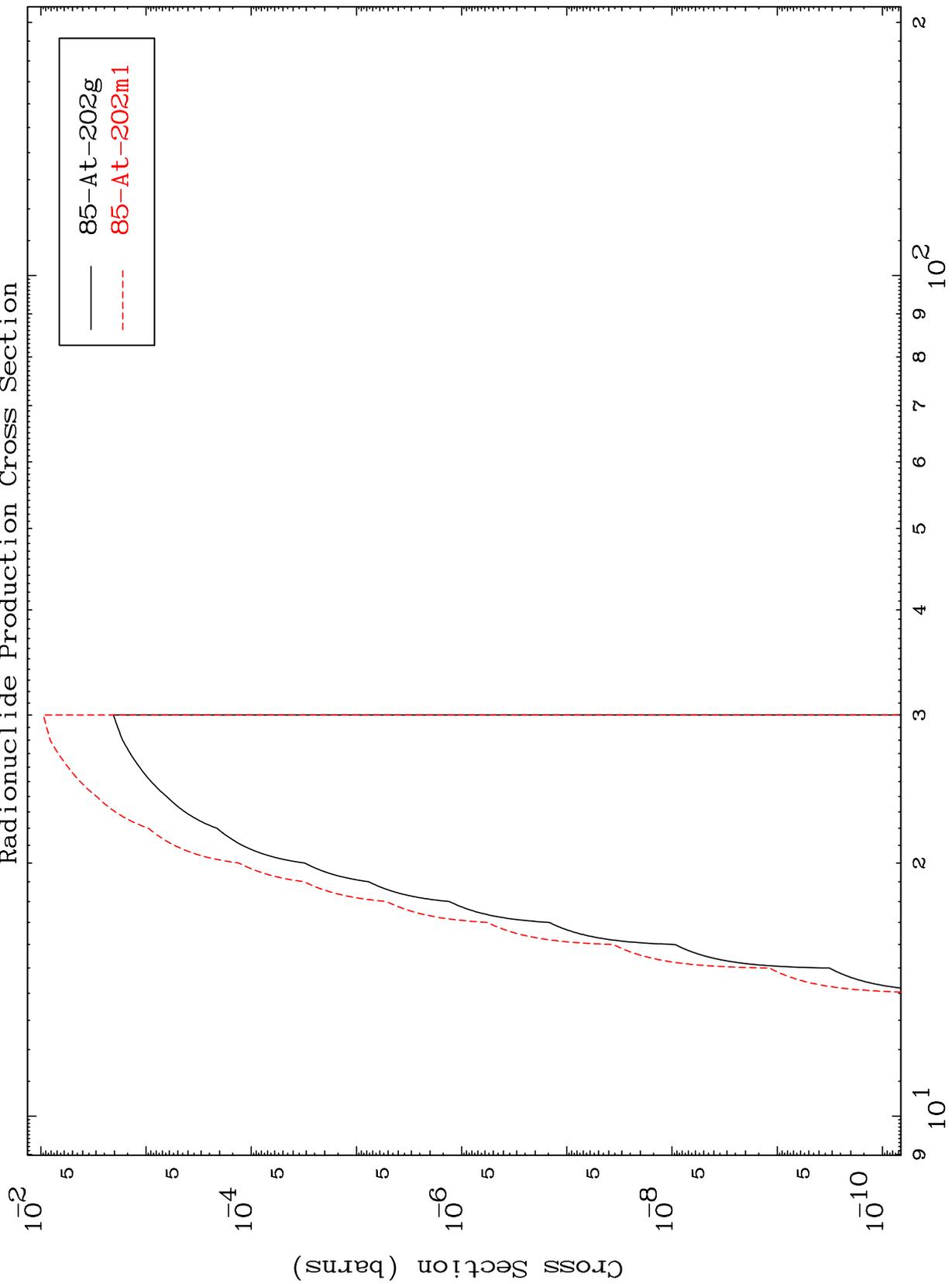
Incident Energy (MeV)

84-Po-199m

MAT 8405

84-Po-199m

(n,p)
Radionuclide Production Cross Section



84-Po-199m

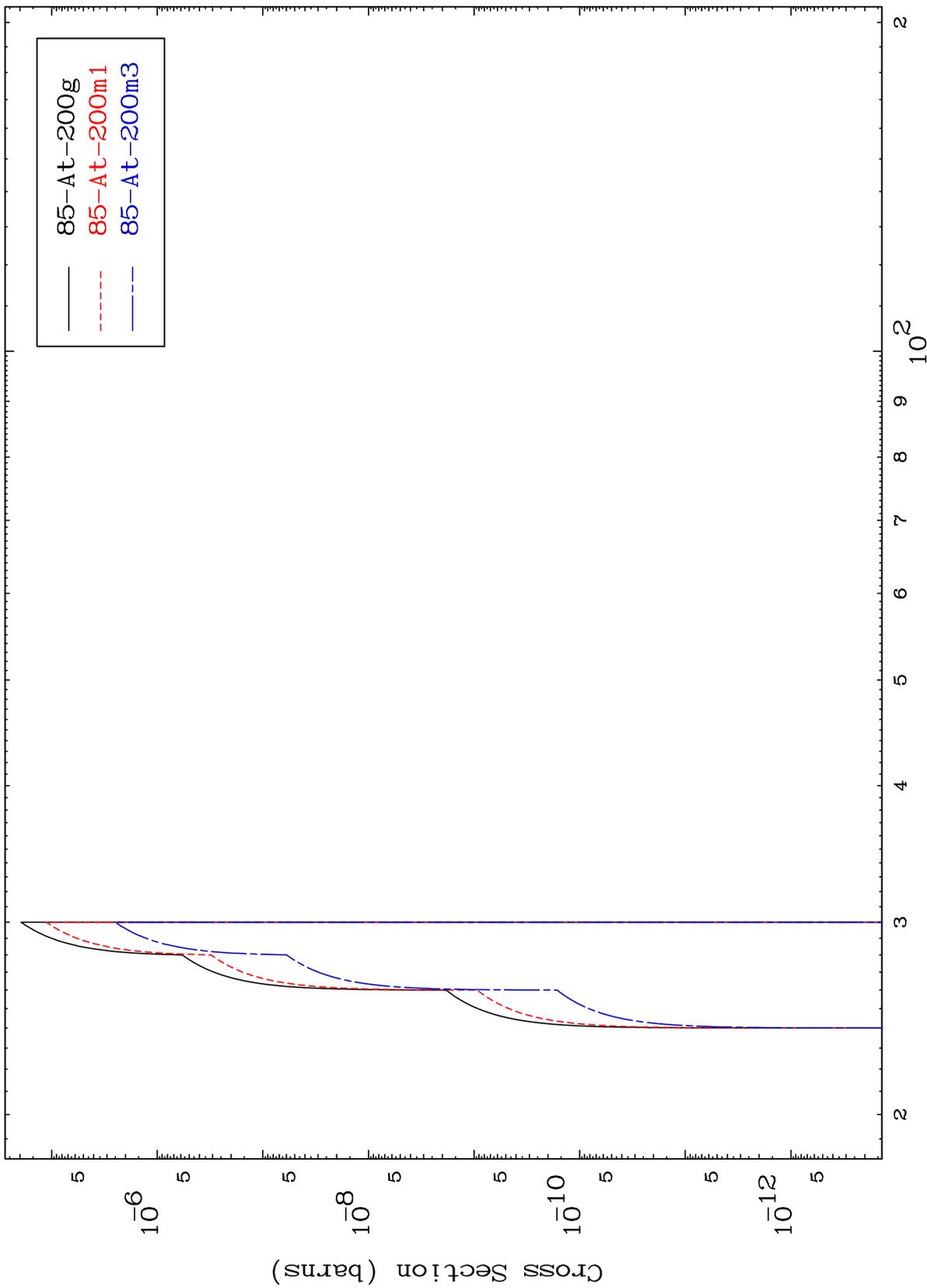
Incident Energy (MeV)

16

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84-Po-199m

(n,t)
Radionuclide Production Cross Section



17

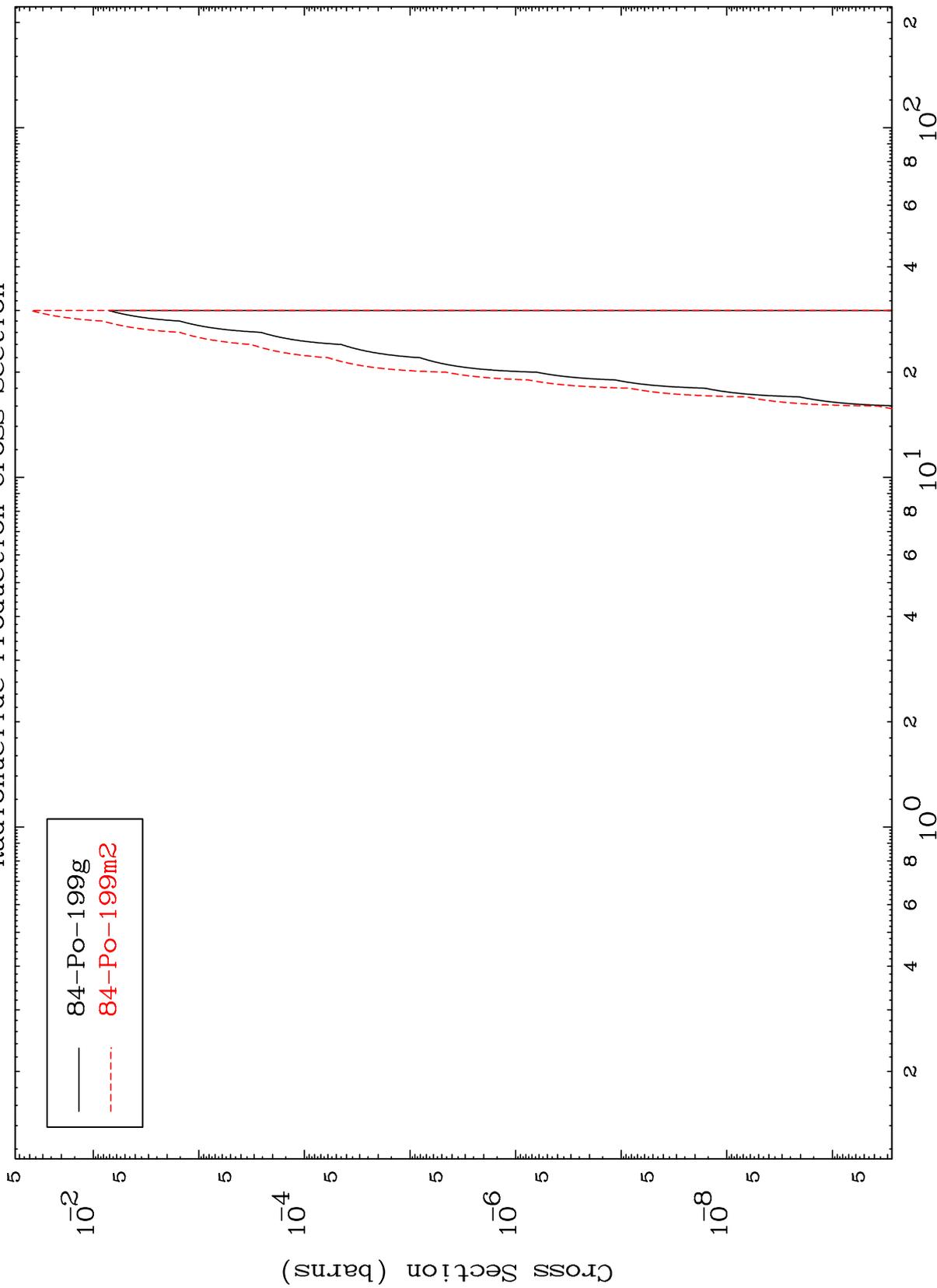
Incident Energy (MeV)

84-Po-199m

MAT 8405

⁸⁴Po-199m

Radionuclide Production Cross Section (n,α)



— 84-Po-199g
- - - 84-Po-199m2

⁸⁴Po-199m

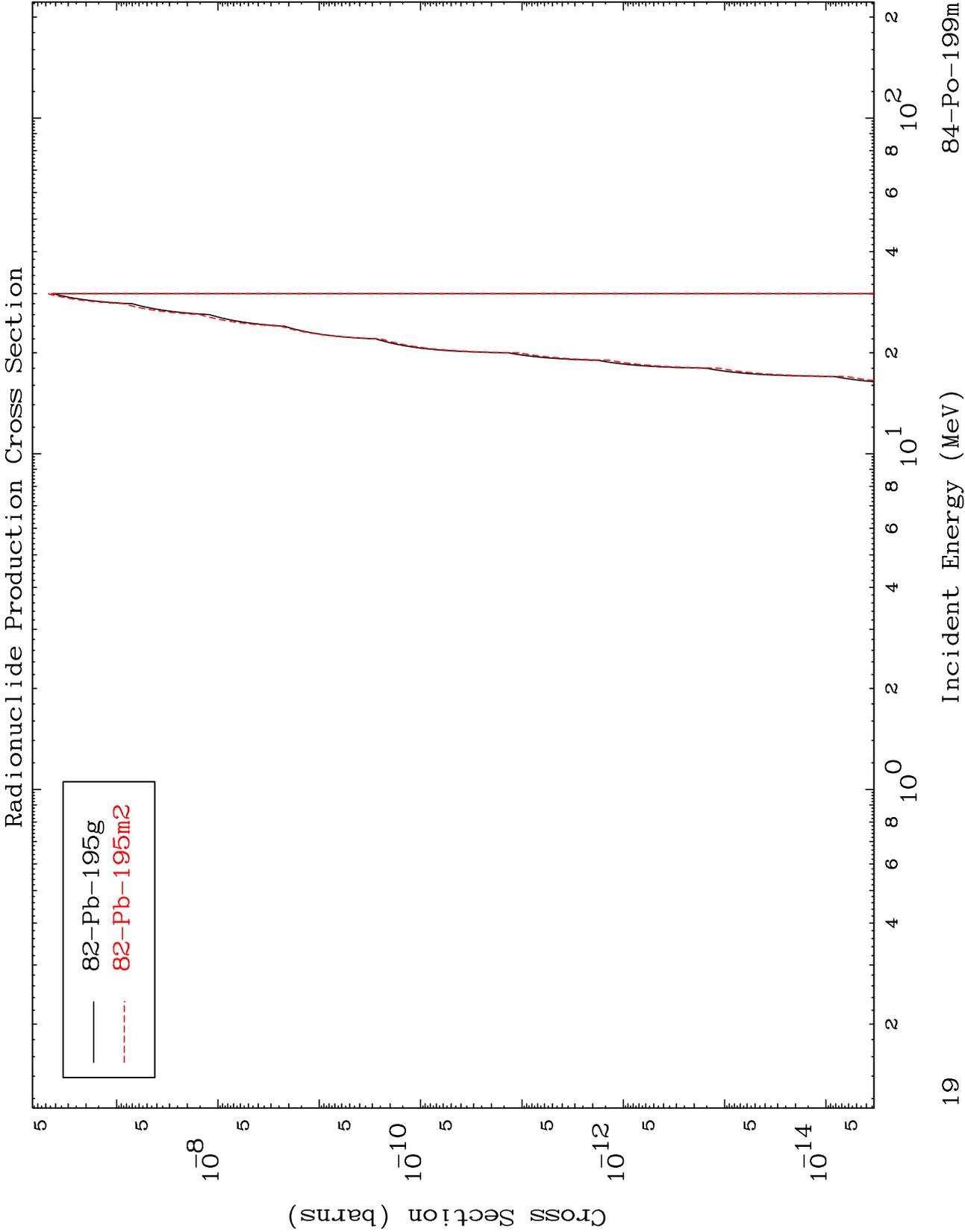
Incident Energy (MeV)

18

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(n,2α)

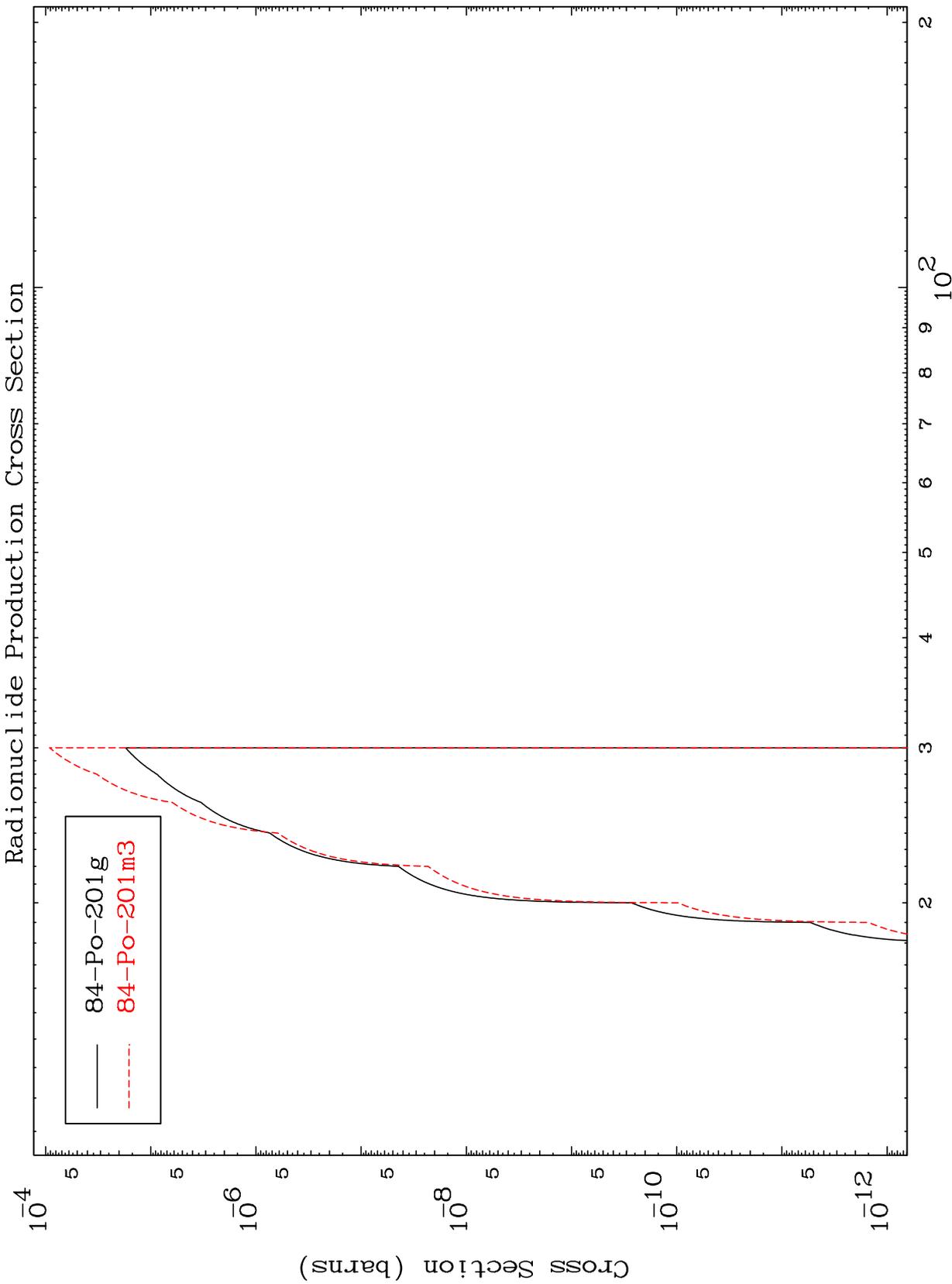
84-Po-199m



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84-Po-199m

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-199m

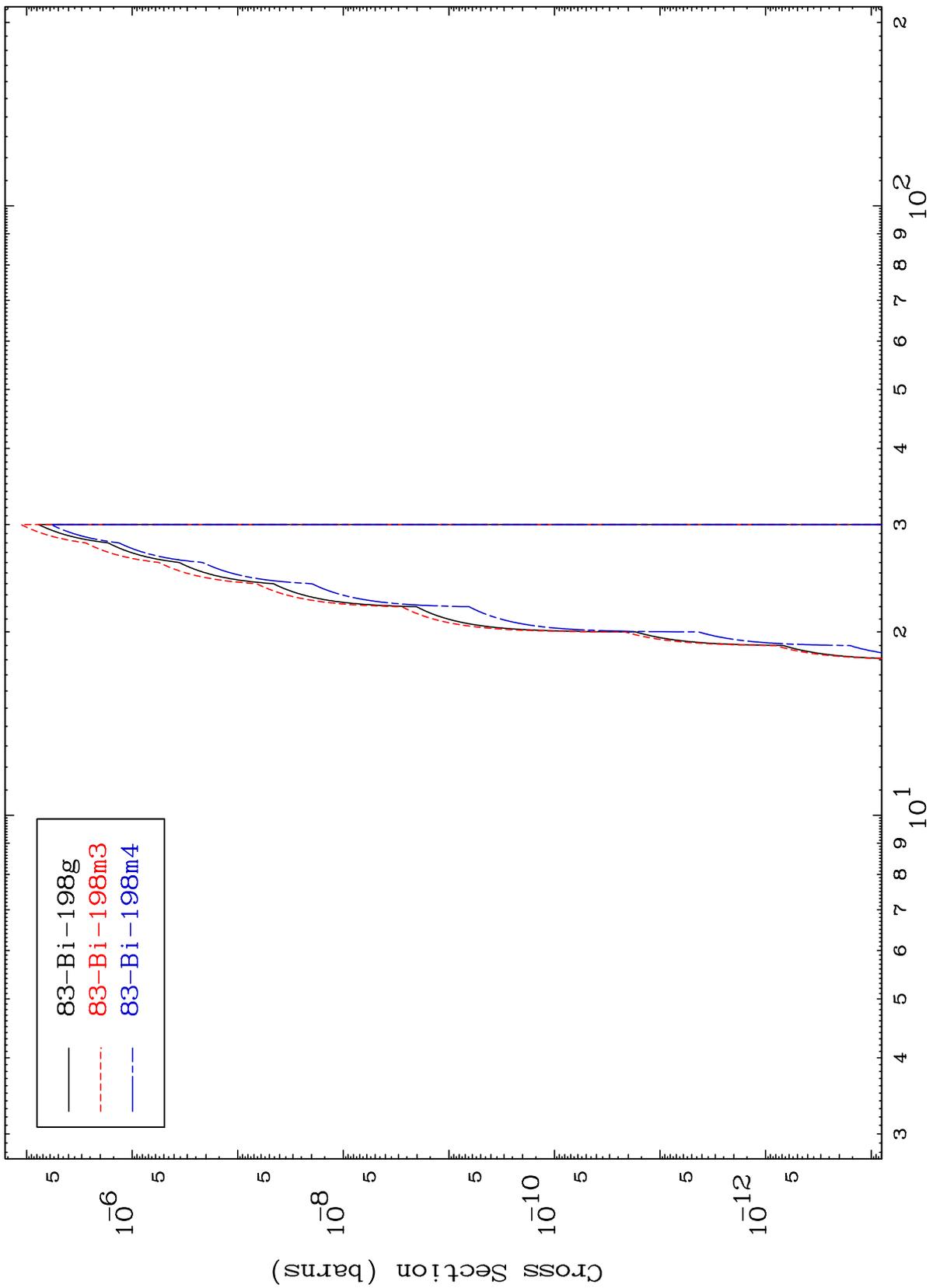
20

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84-Po-199m

(n,p) α

Radionuclide Production Cross Section



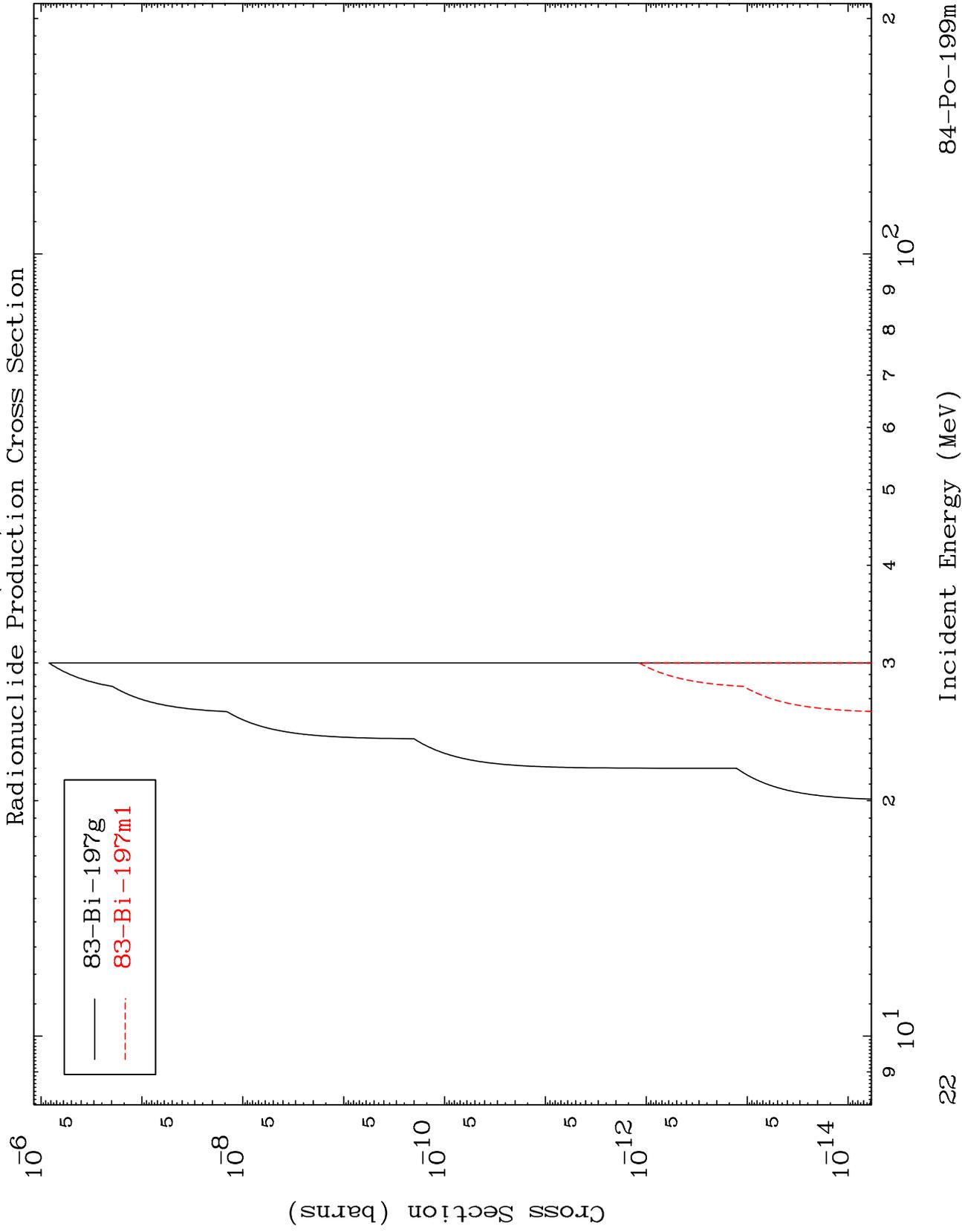
84-Po-199m

Incident Energy (MeV)

MAT 8405

(n,d) α

84-Po-199m



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