

Program EVALPLOT
(Version 2021-1)

by

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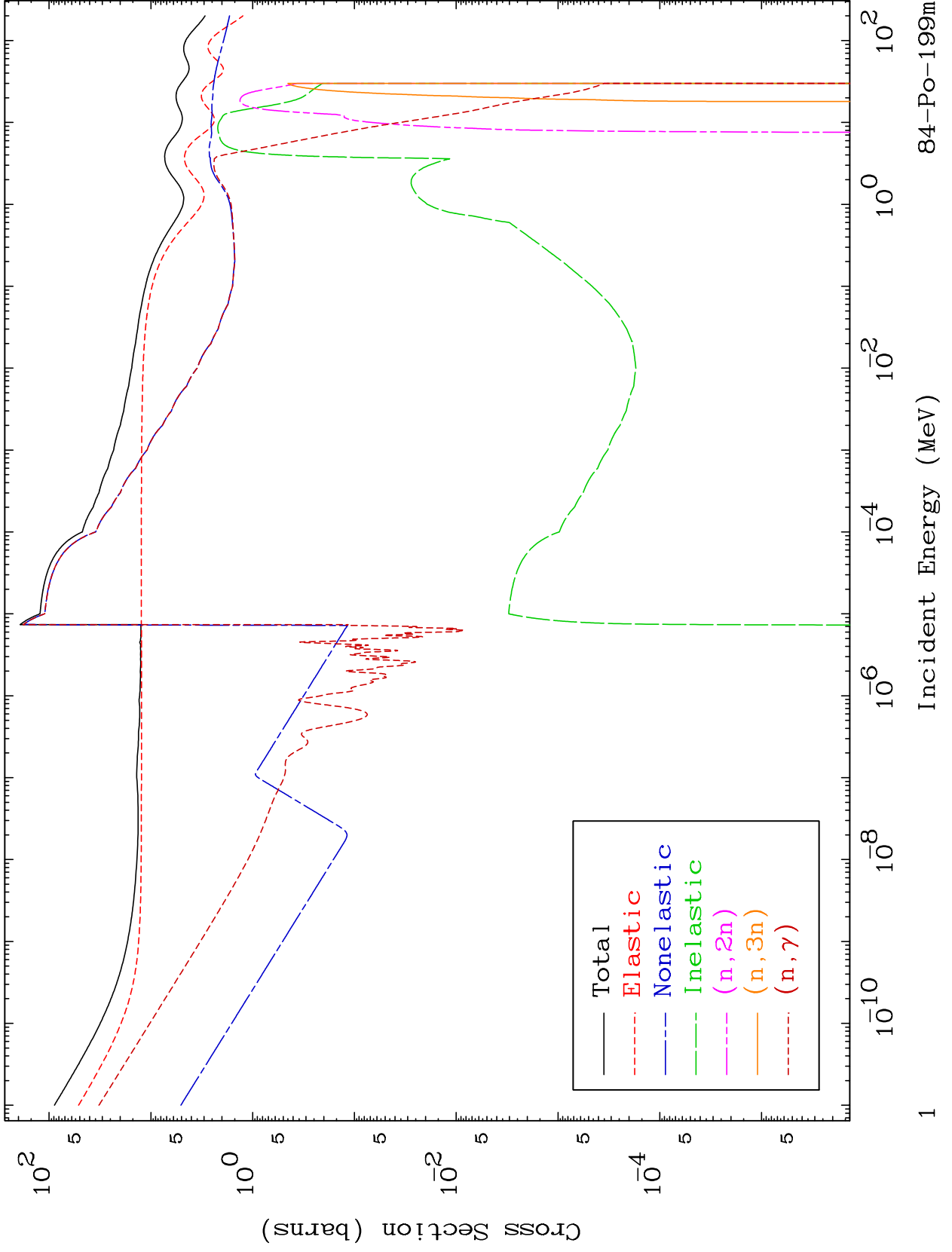
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8405

Neutron Major
293 Kelvin Cross Sections

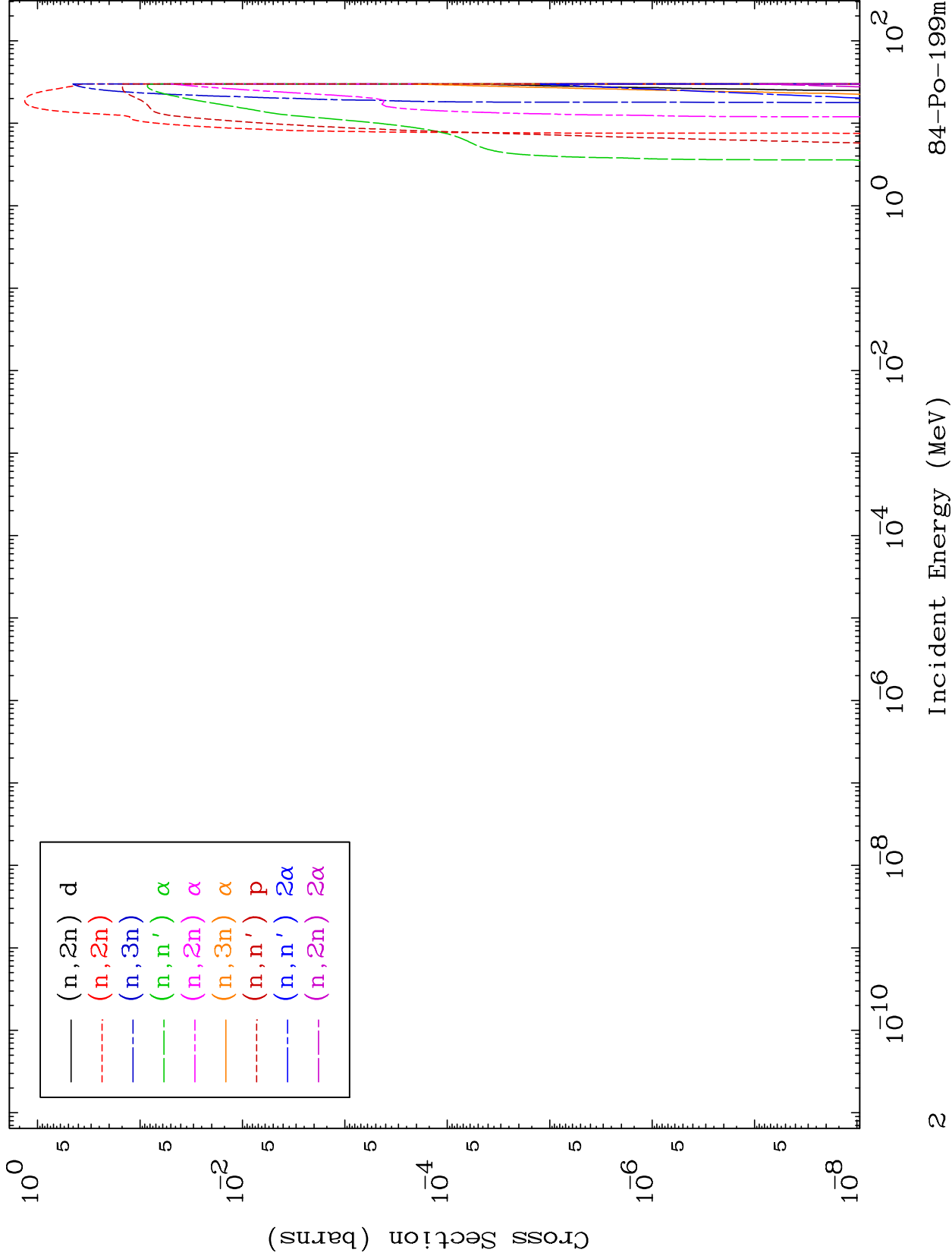
84-Po-199m



MAT 8405

Neutron Absorption
293 Kelvin Cross Sections

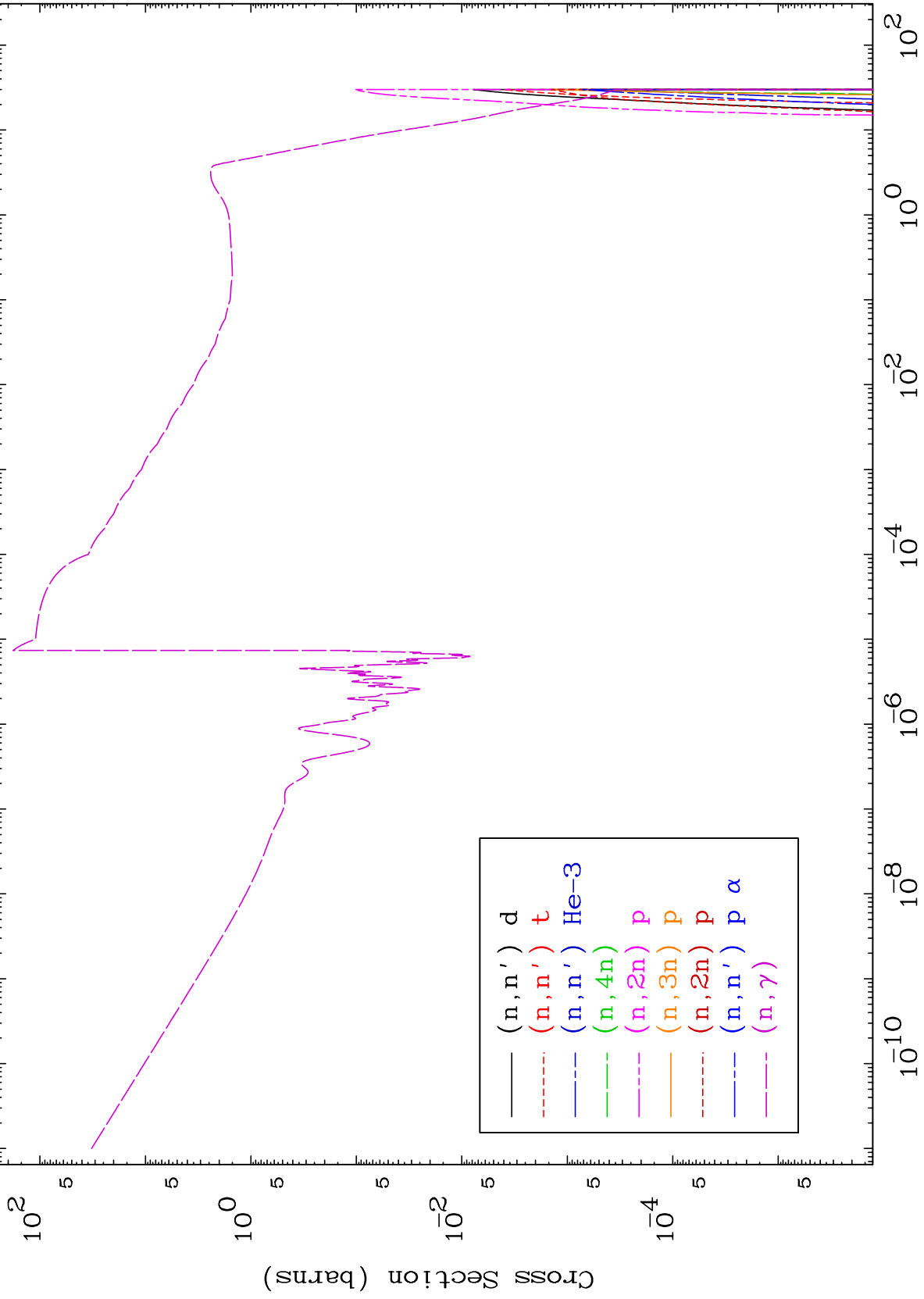
84-Po-199m



MAT 8405

Neutron Absorption
293 Kelvin Cross Sections

84-Po-199m



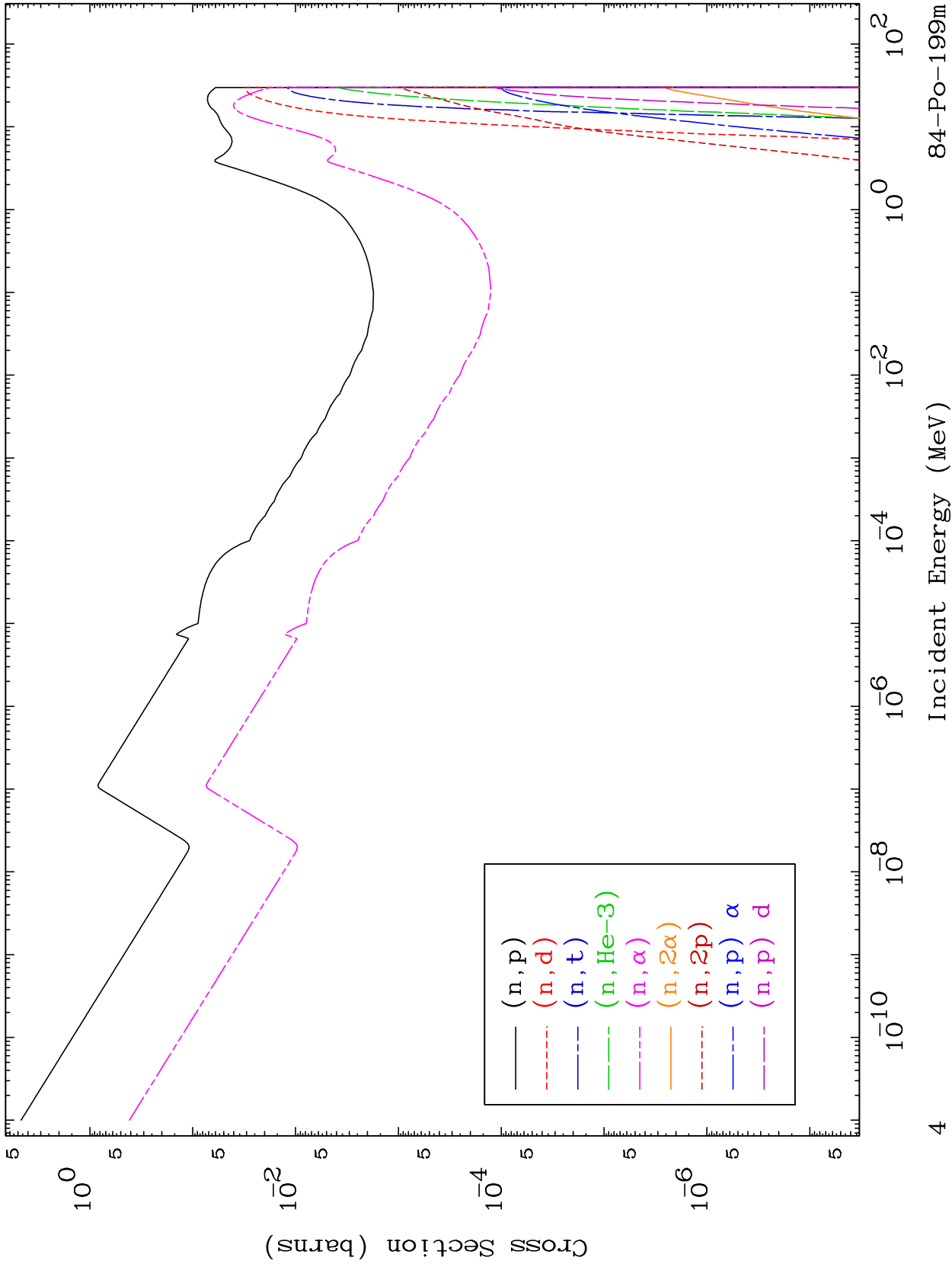
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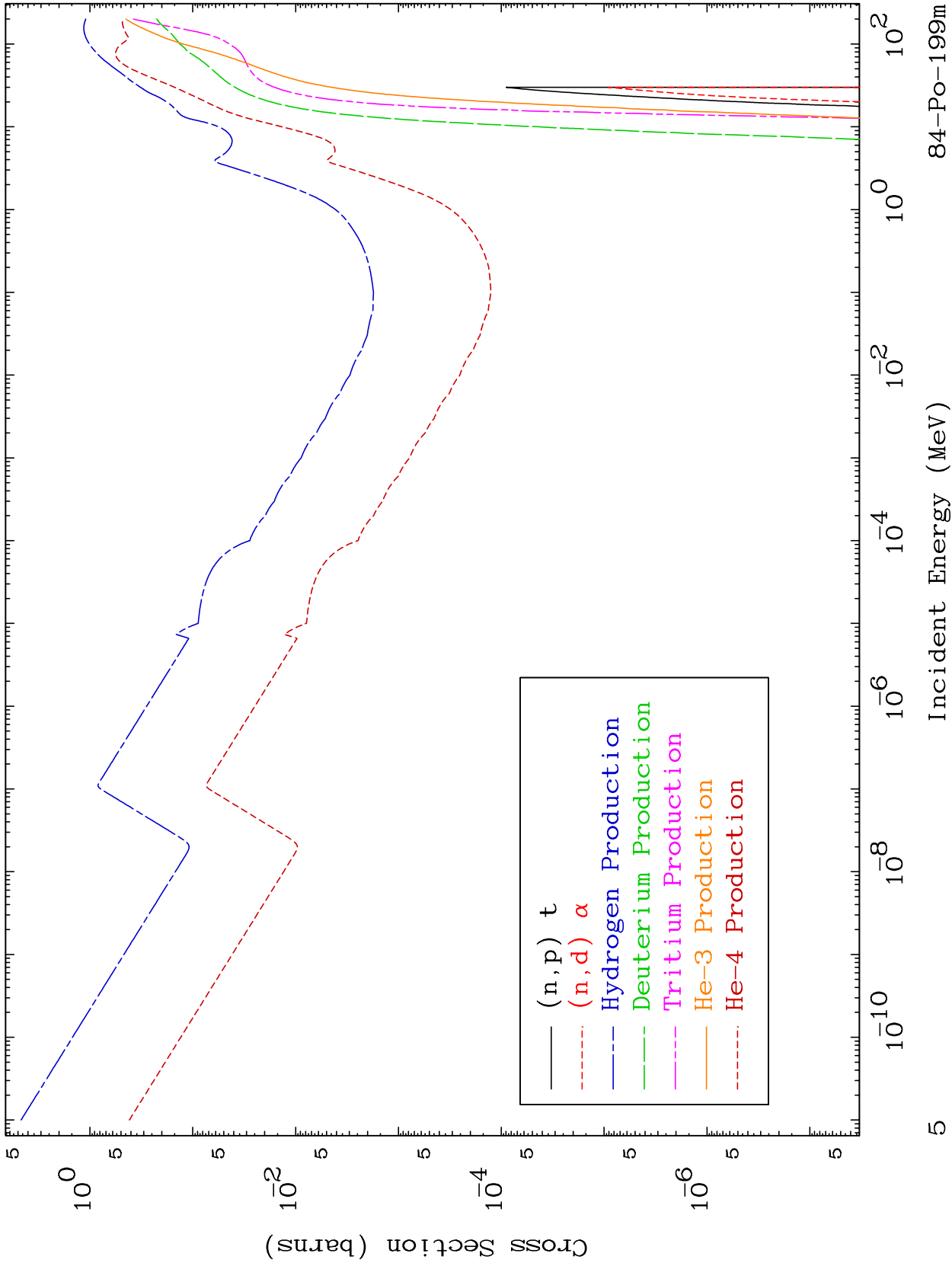
Incident Energy (MeV)

MAT 8405

Neutron Absorption
293 Kelvin Cross Sections

84-Po-199m

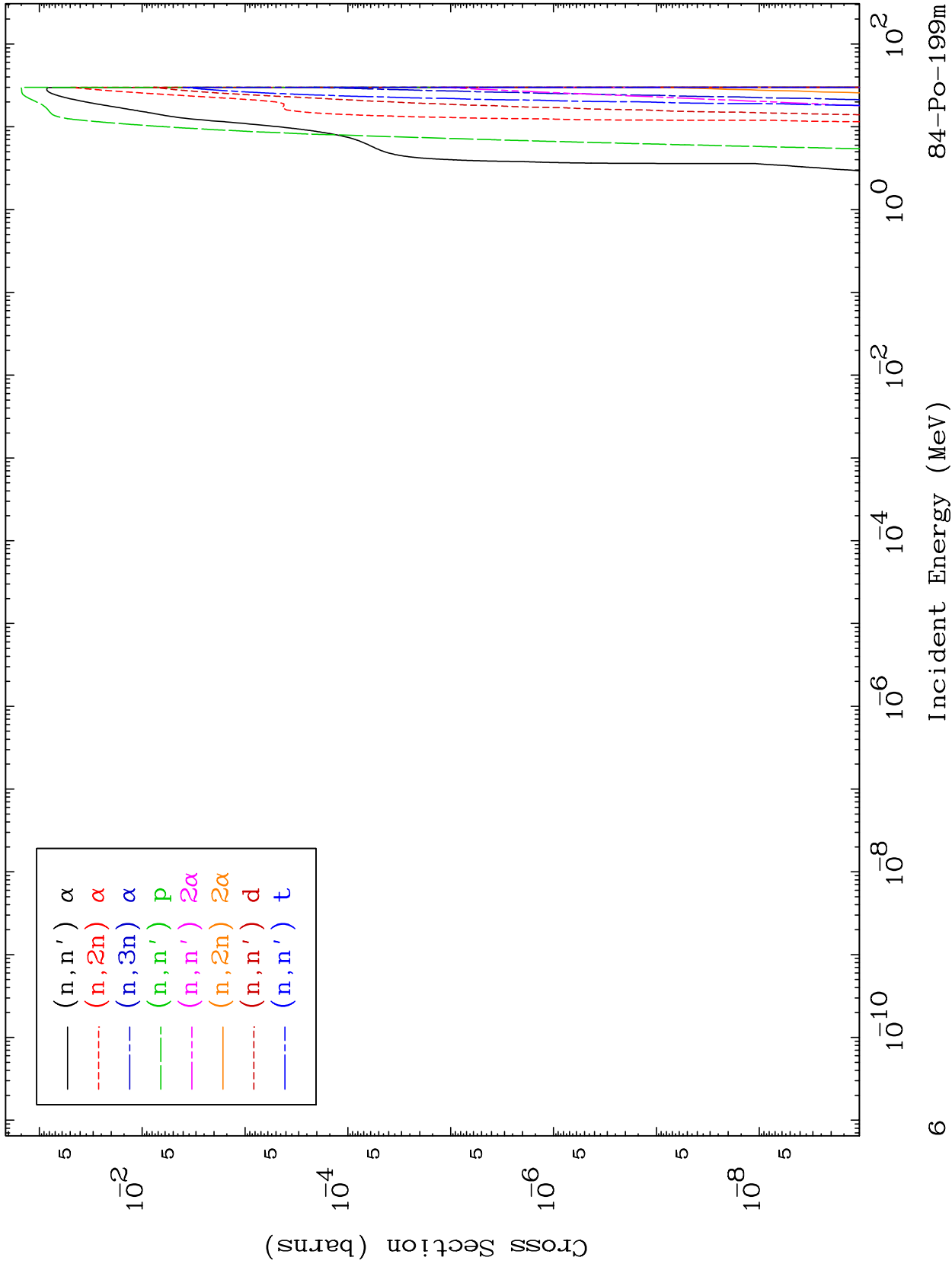




MAT 8405

Charged Particle
293 Kelvin Cross Sections

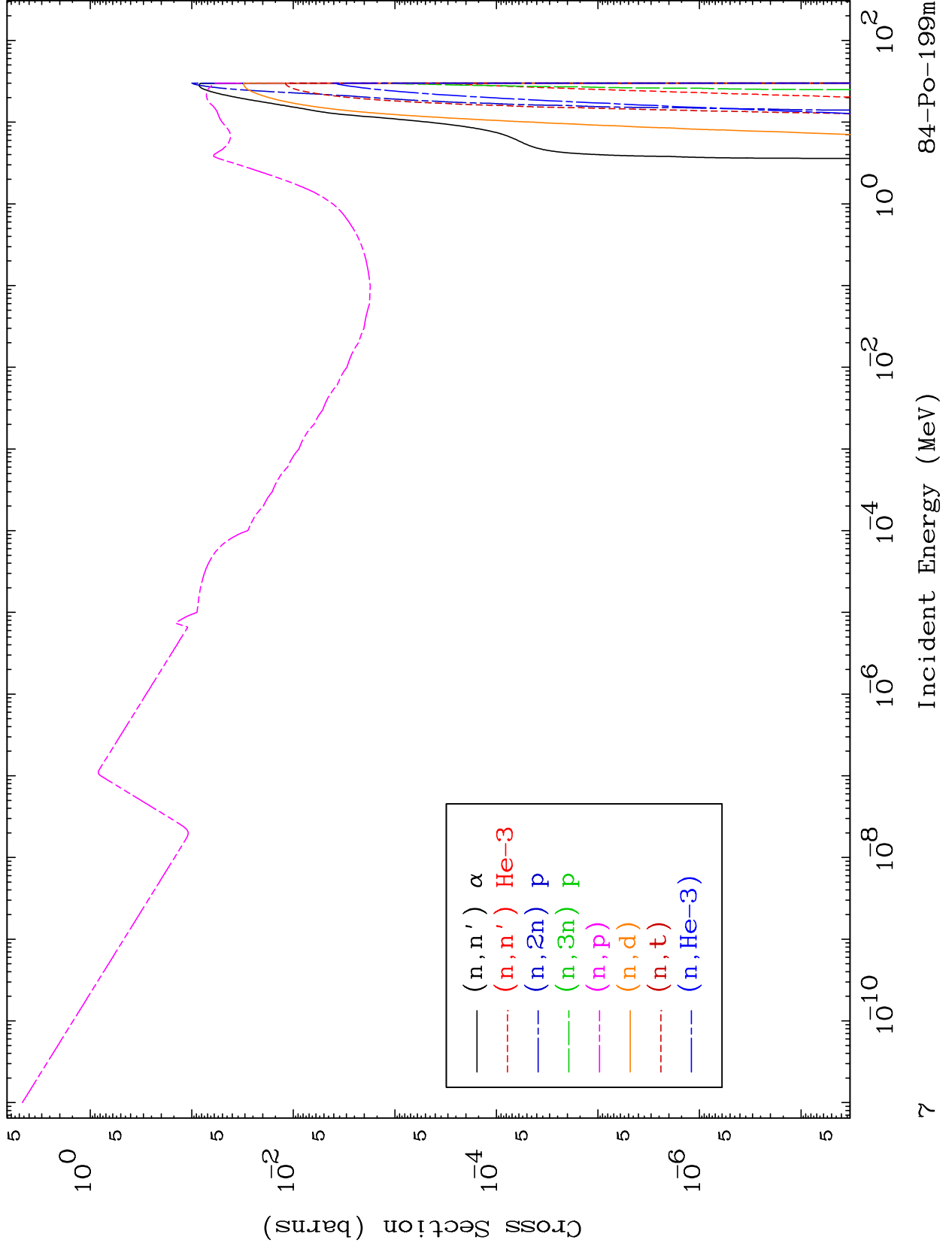
84-Po-199m



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Charged Particle
293 Kelvin Cross Sections

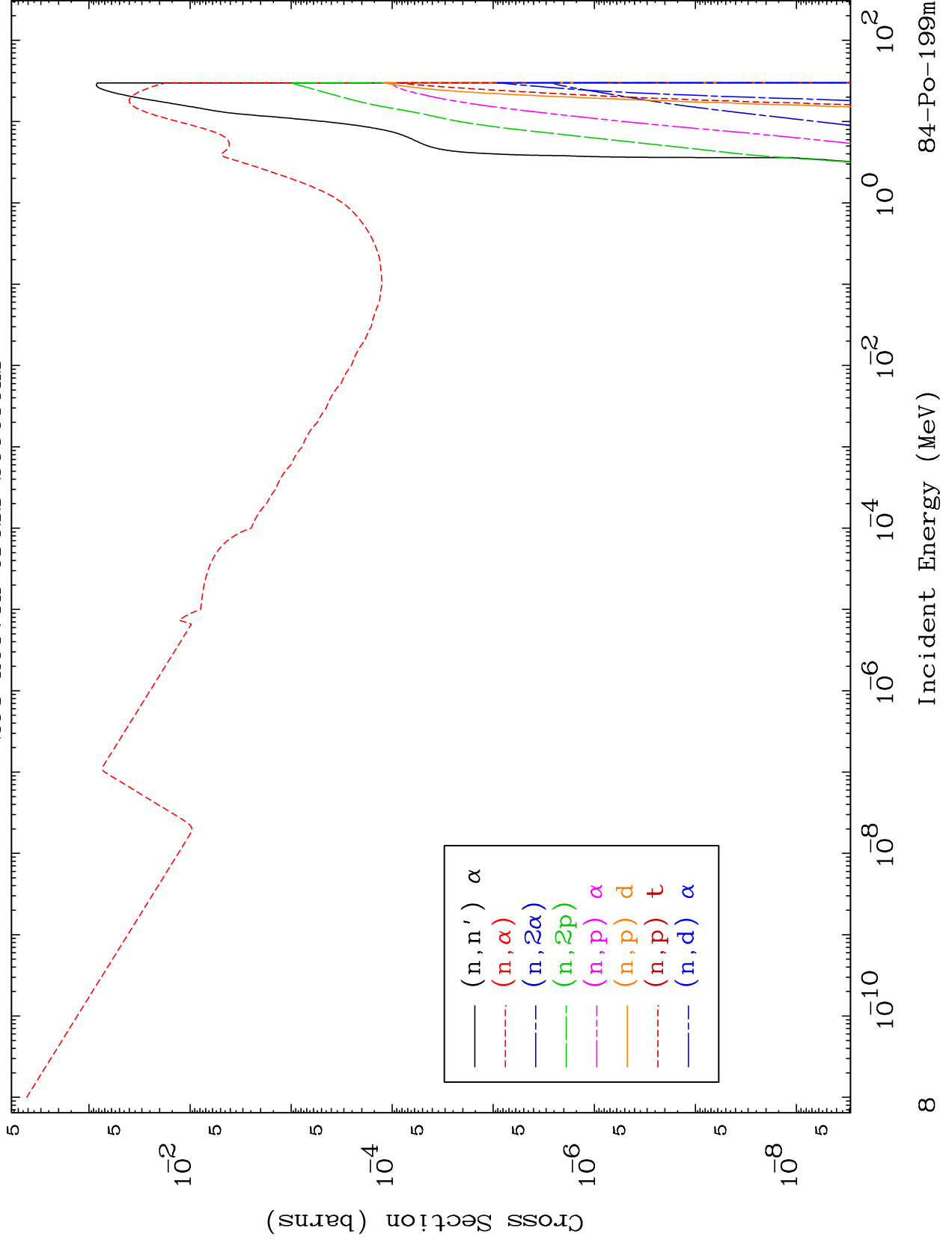
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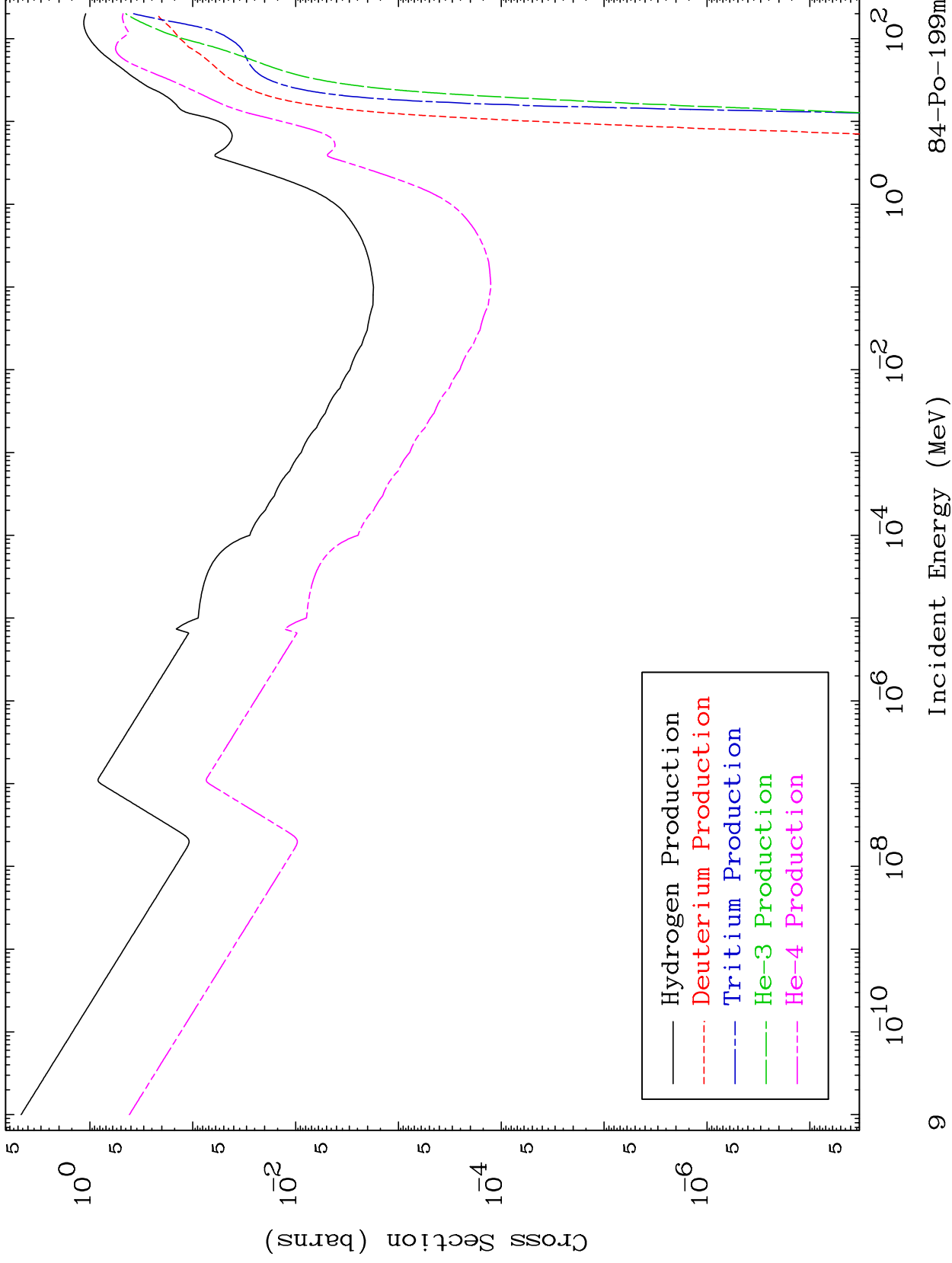


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Charged Particle
293 Kelvin Cross Sections

84-Po-199m

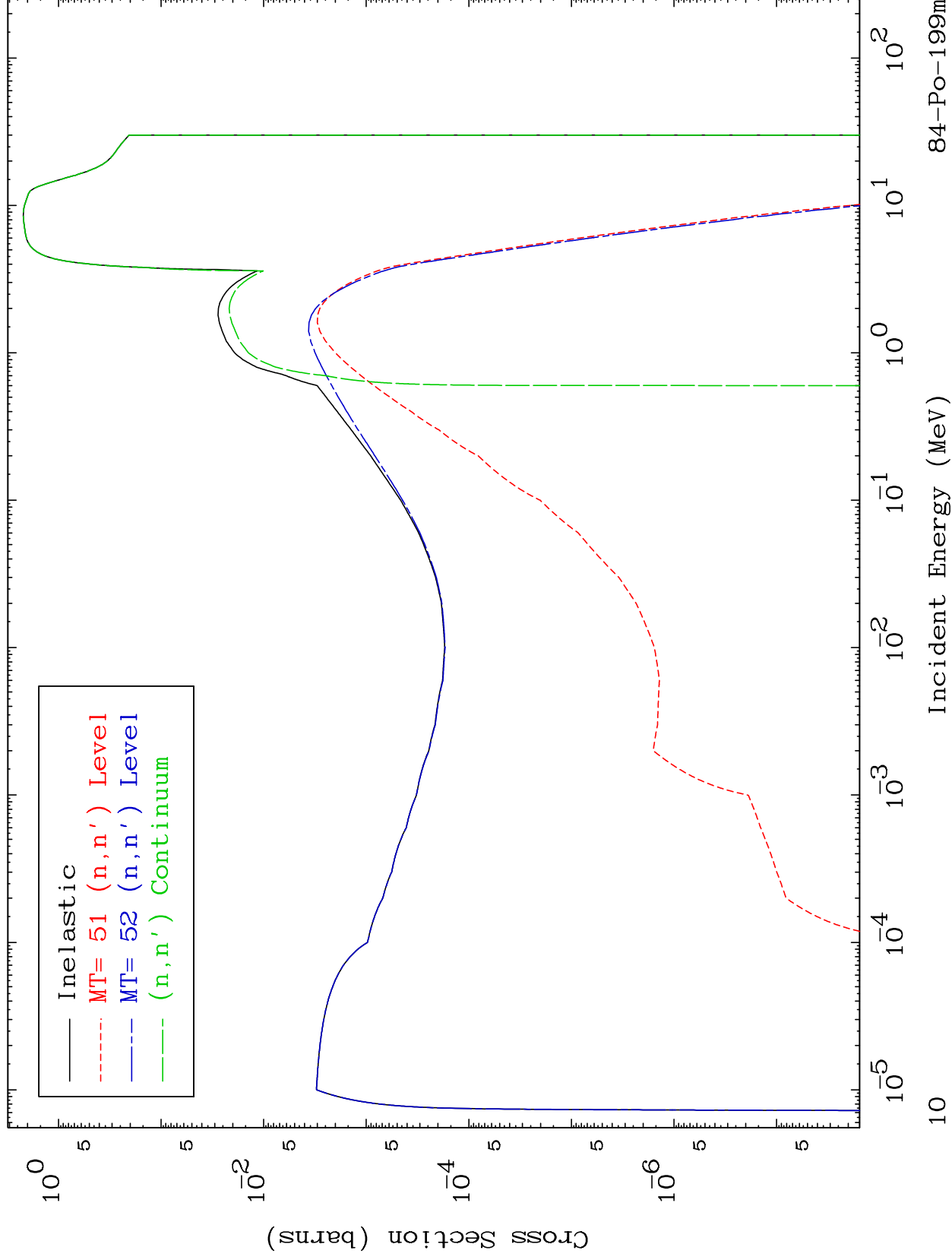




MAT 8405

(n,n') Levels
293 Kelvin Cross Sections

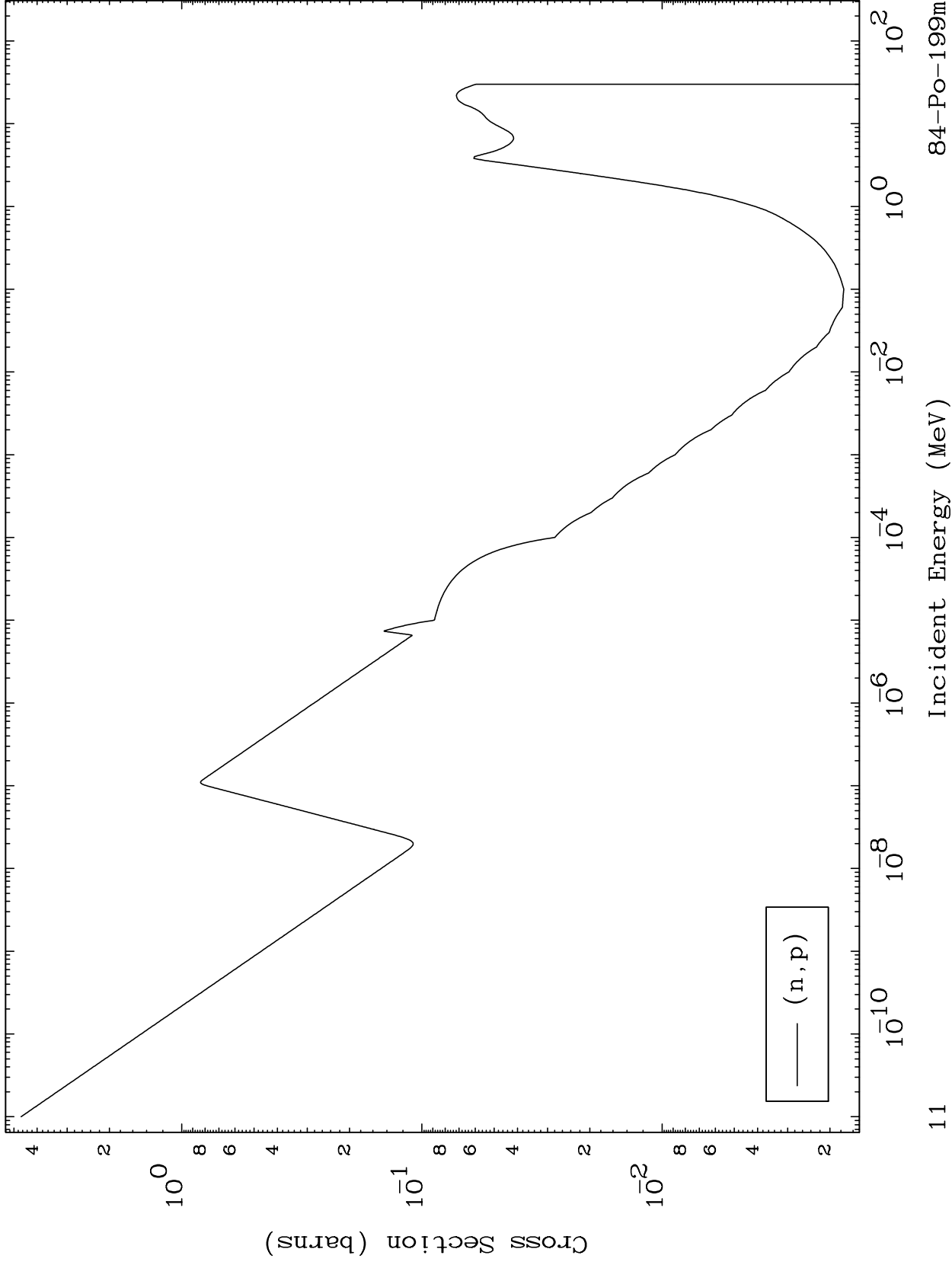
84-Po-199m



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(n,p) Levels
293 Kelvin Cross Sections

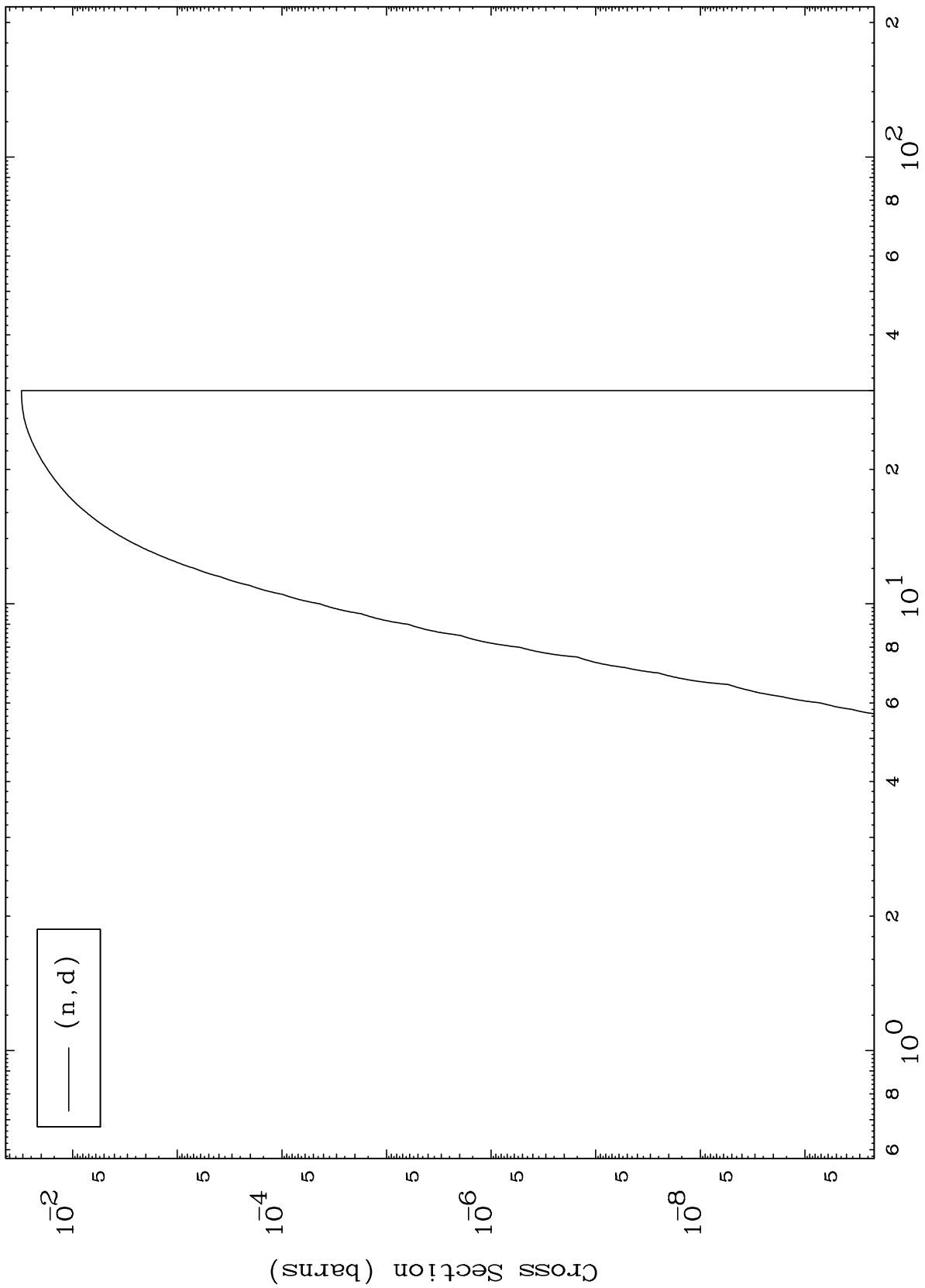
84-Po-199m



MAT 8405

(n,d) Levels
293 Kelvin Cross Sections

84-Po-199m



12

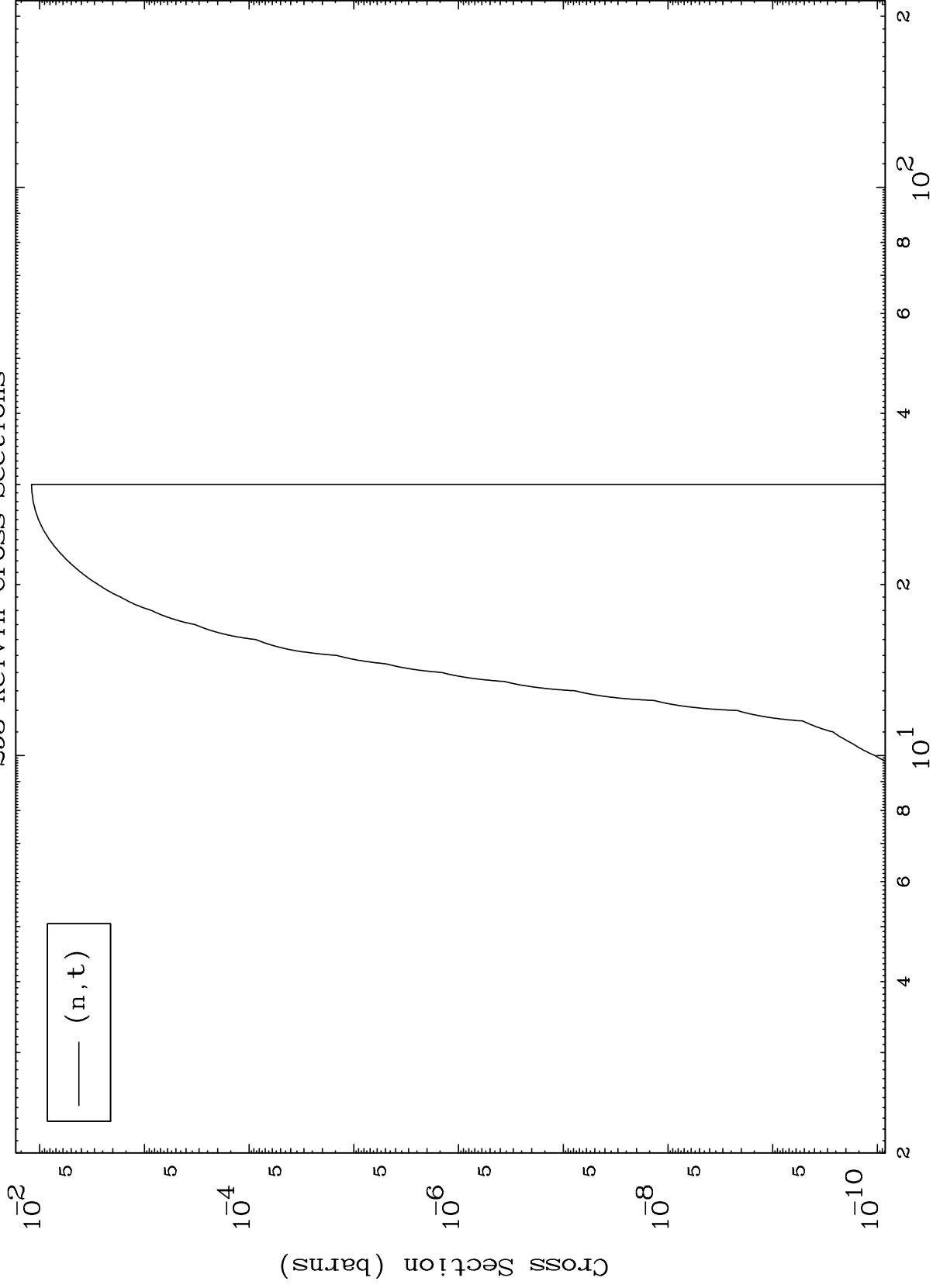
Incident Energy (MeV)

84-Po-199m

MAT 8405

(n,t) Levels
293 Kelvin Cross Sections

84-Po-199m



13

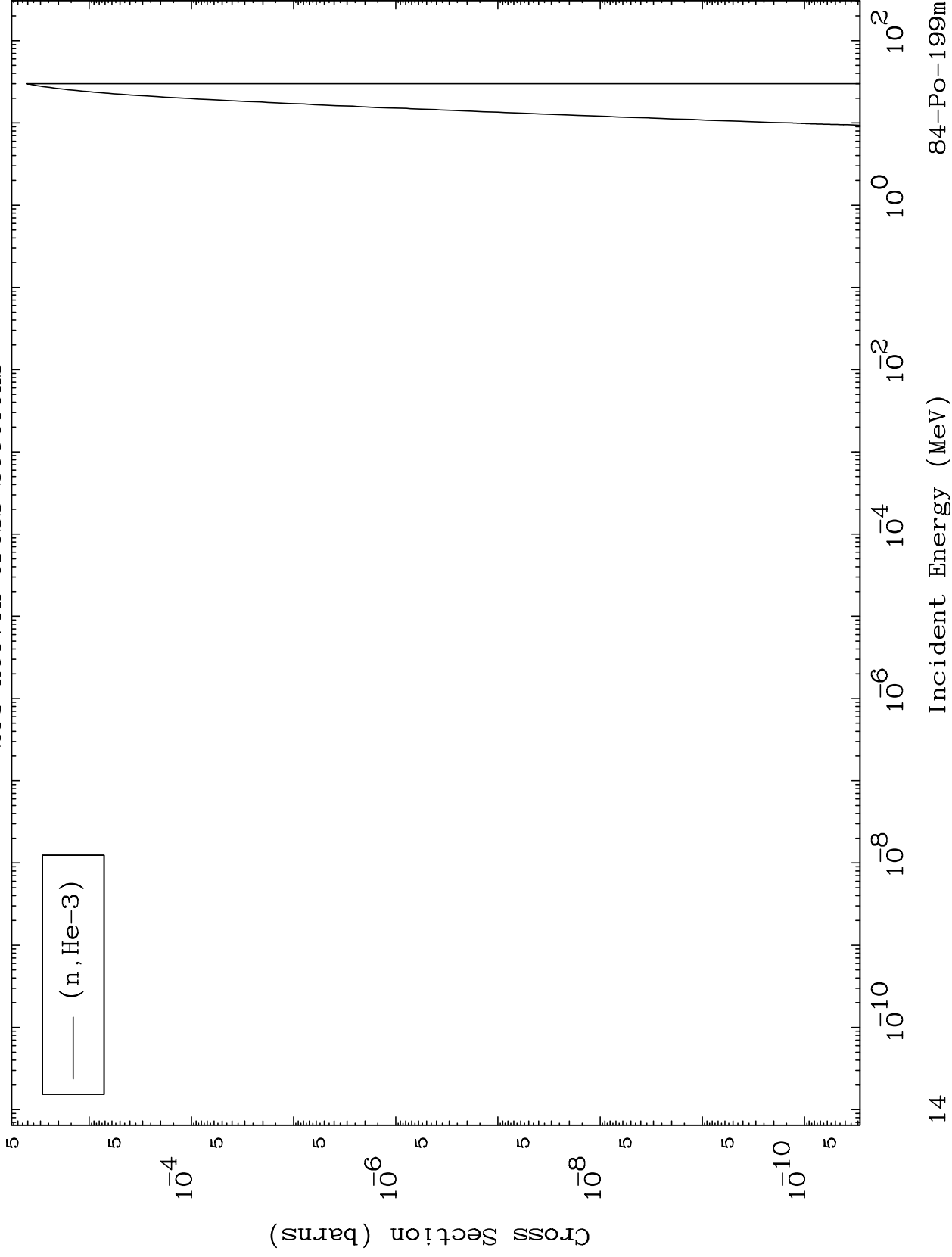
Incident Energy (MeV)

84-Po-199m

MAT 8405

(n,He3) Levels
293 Kelvin Cross Sections

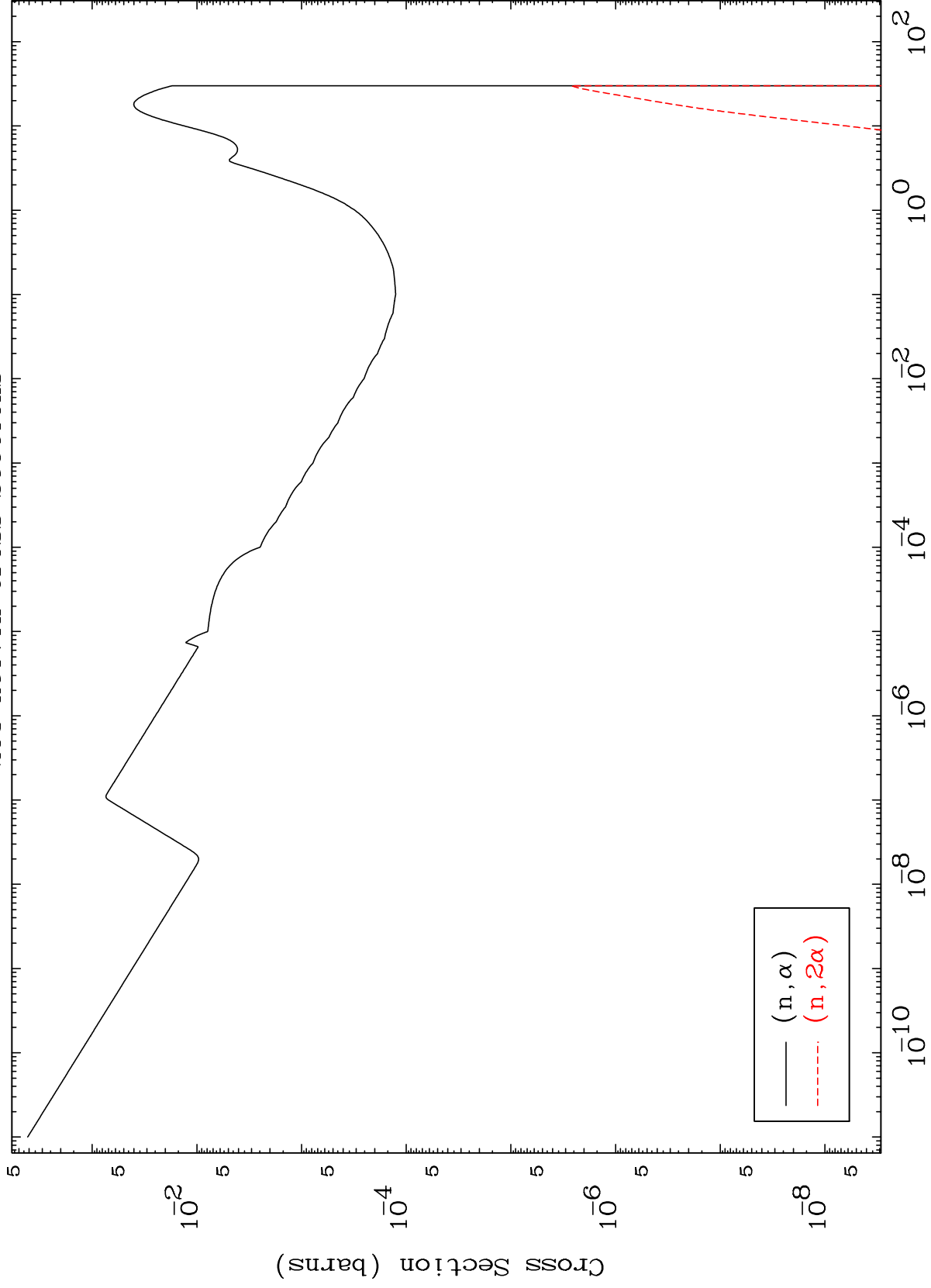
84-Po-199m



MAT 8405

(n, α) Levels
293 Kelvin Cross Sections

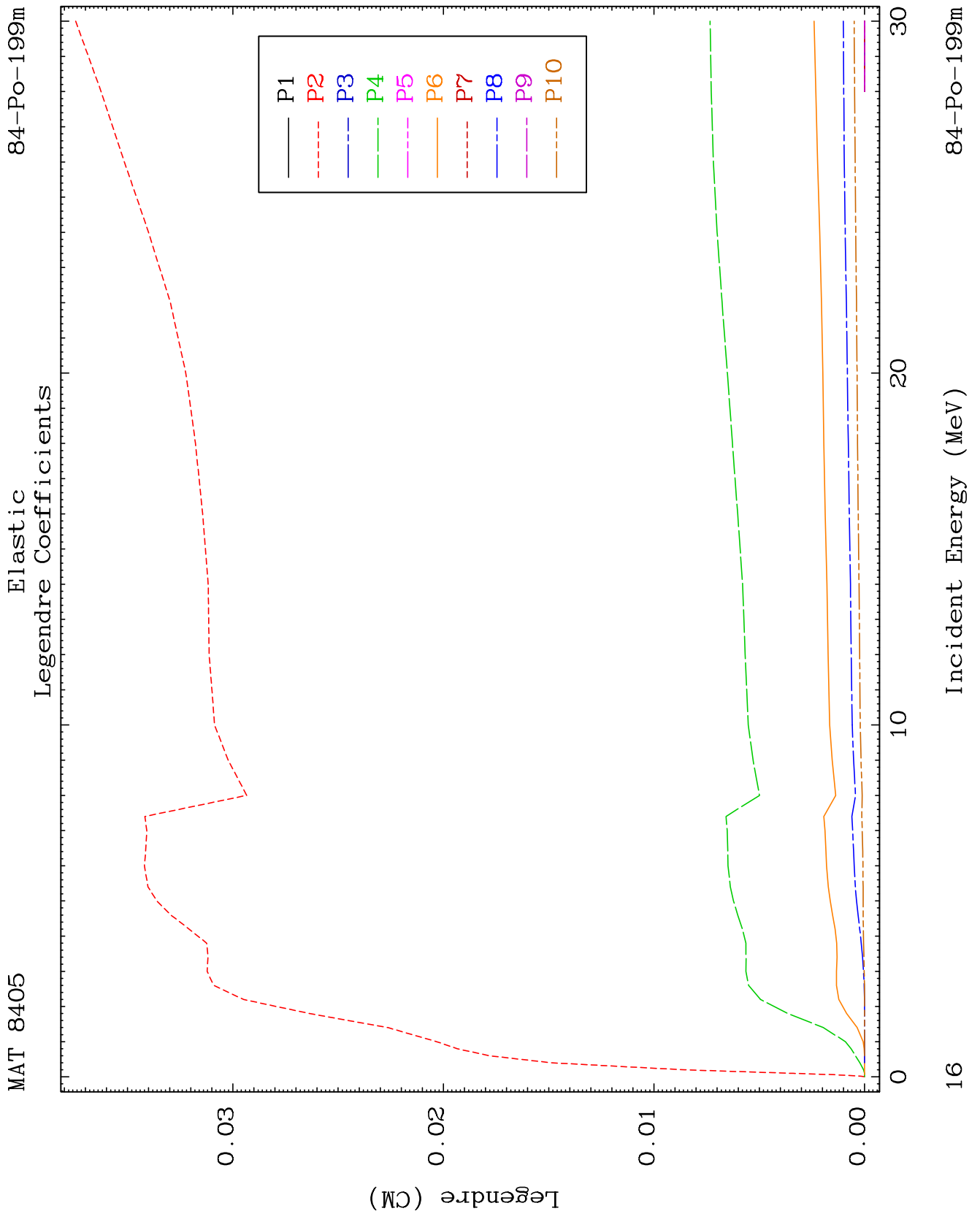
84-Po-199m



15

Incident Energy (MeV)

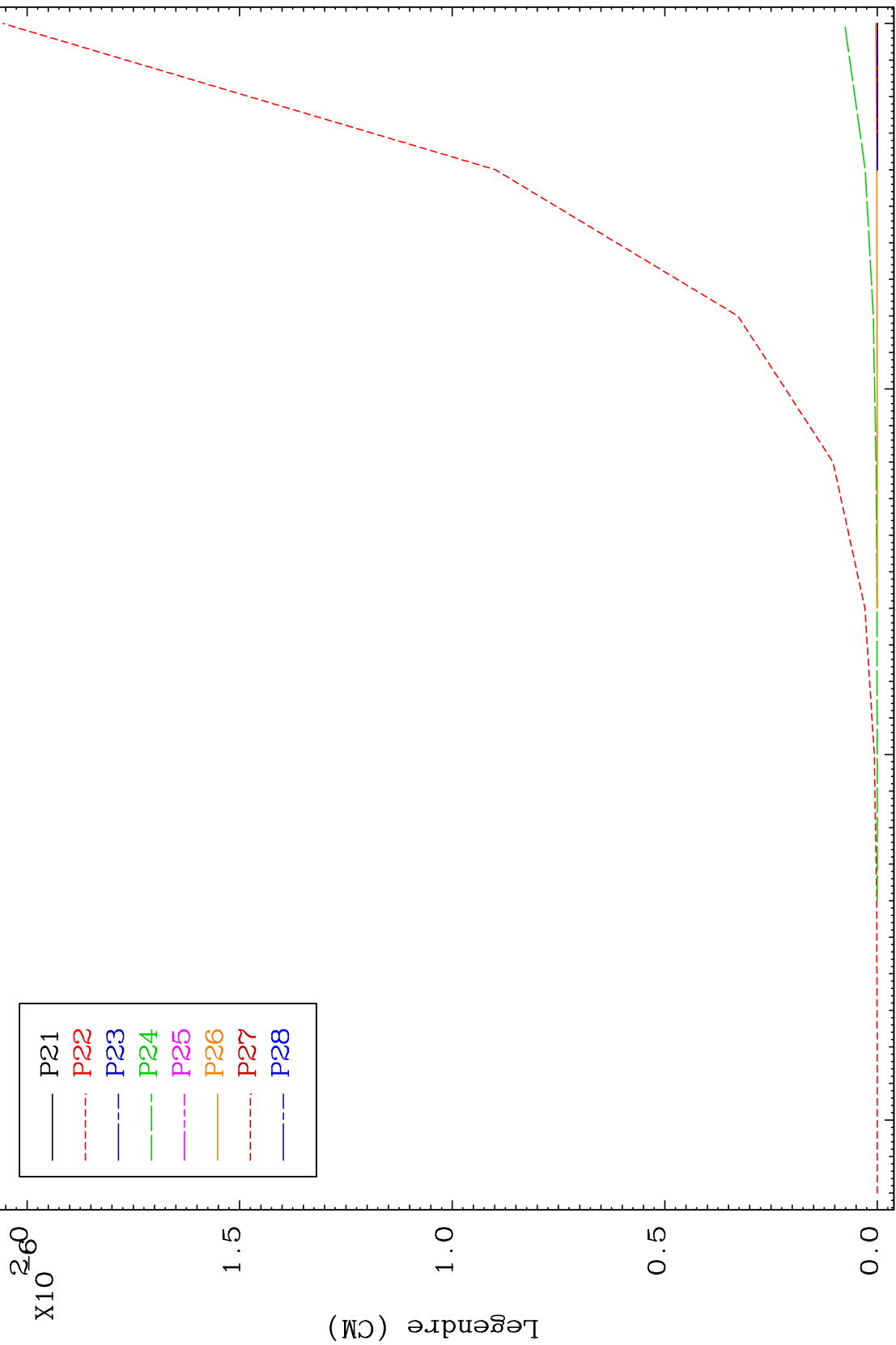
84-Po-199m



MAT 8405

Elastic
Legendre Coefficients

84-Po-199m



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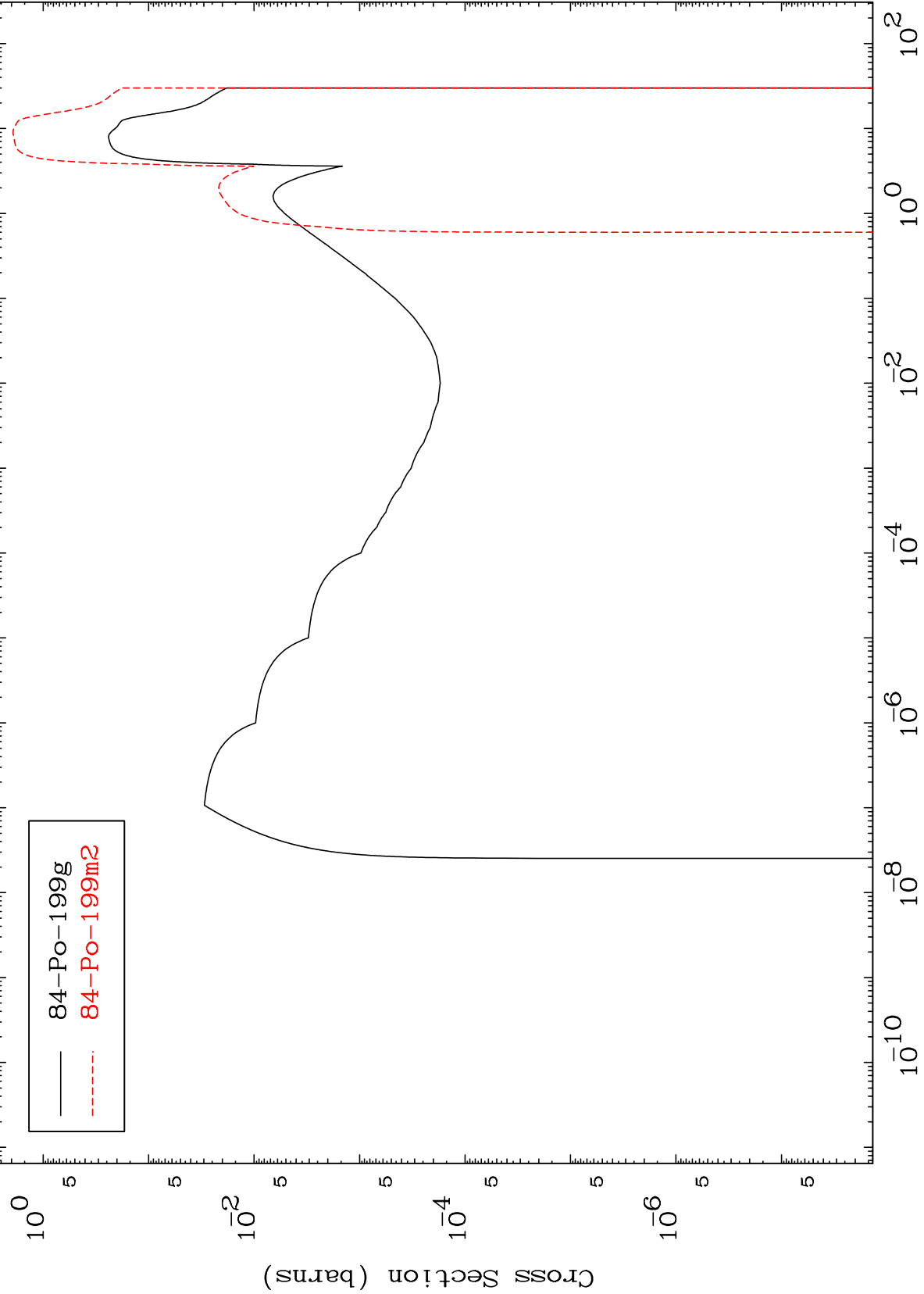
Incident Energy (MeV)

84-Po-199m

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Inelastic
Radionuclide Production Cross Section

84-Po-199m

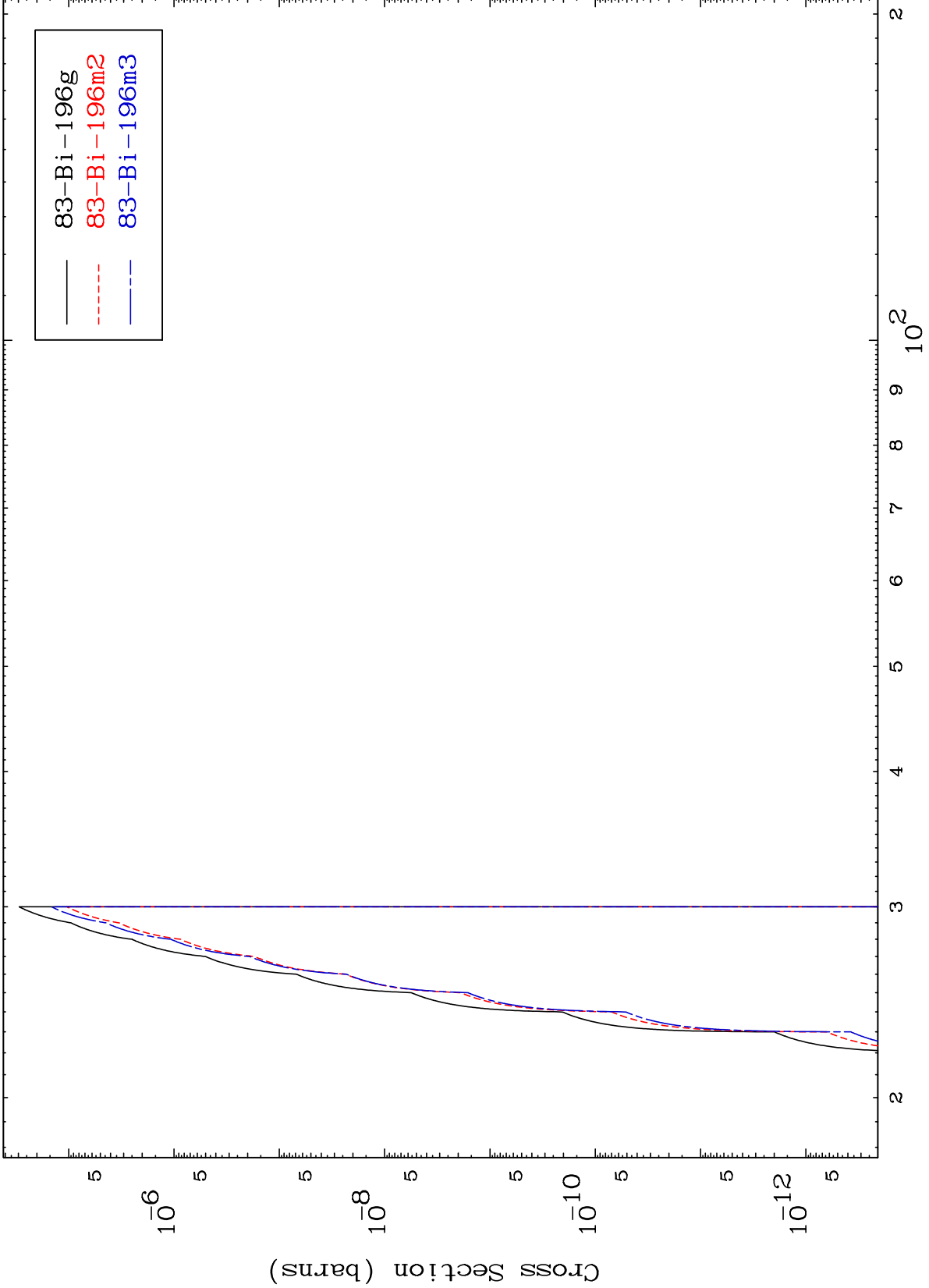


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(n,2n) d

84-Po-199m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

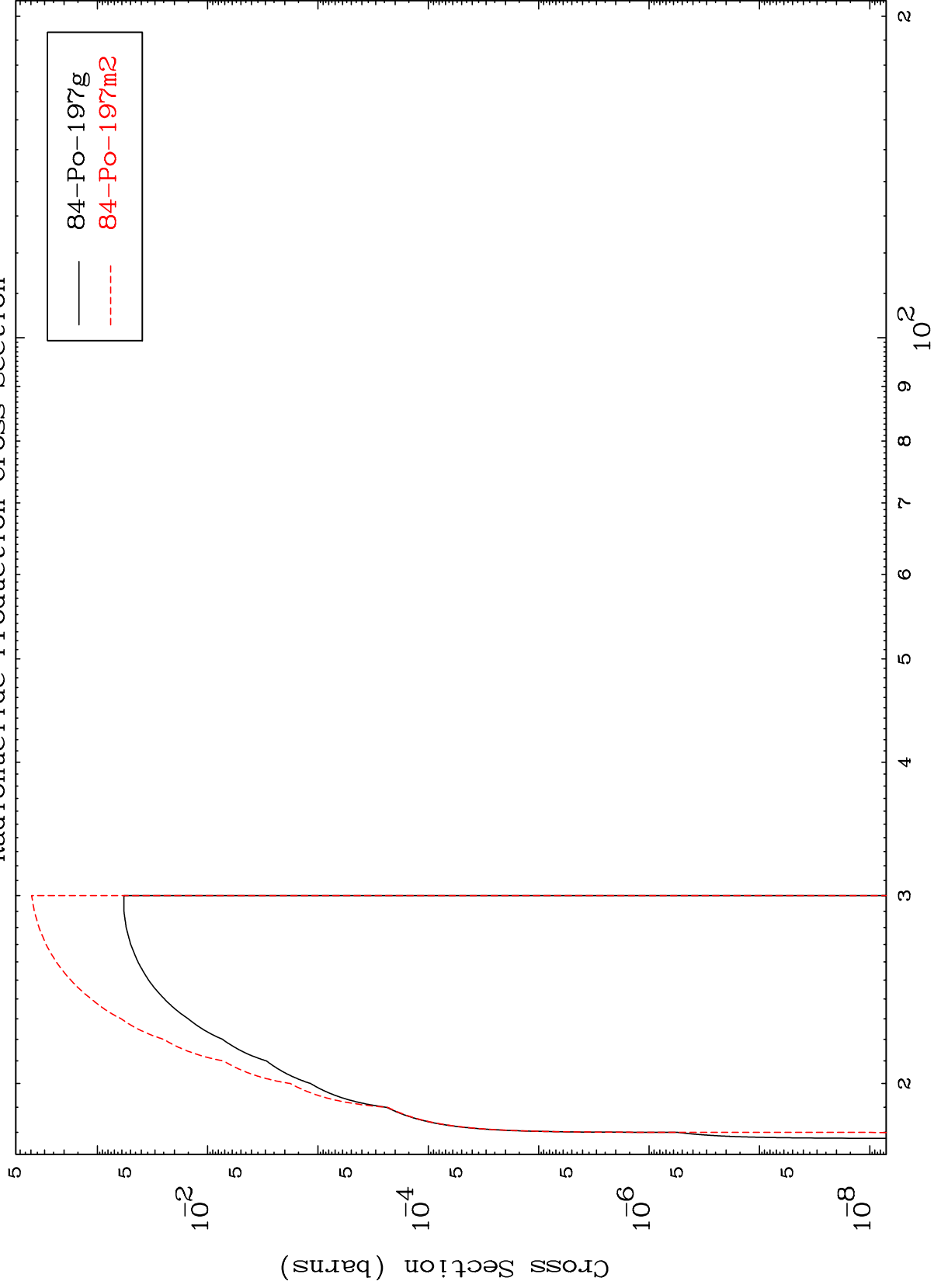
84-Po-199m

MAT 8405

(n,3n)

84-Po-199m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

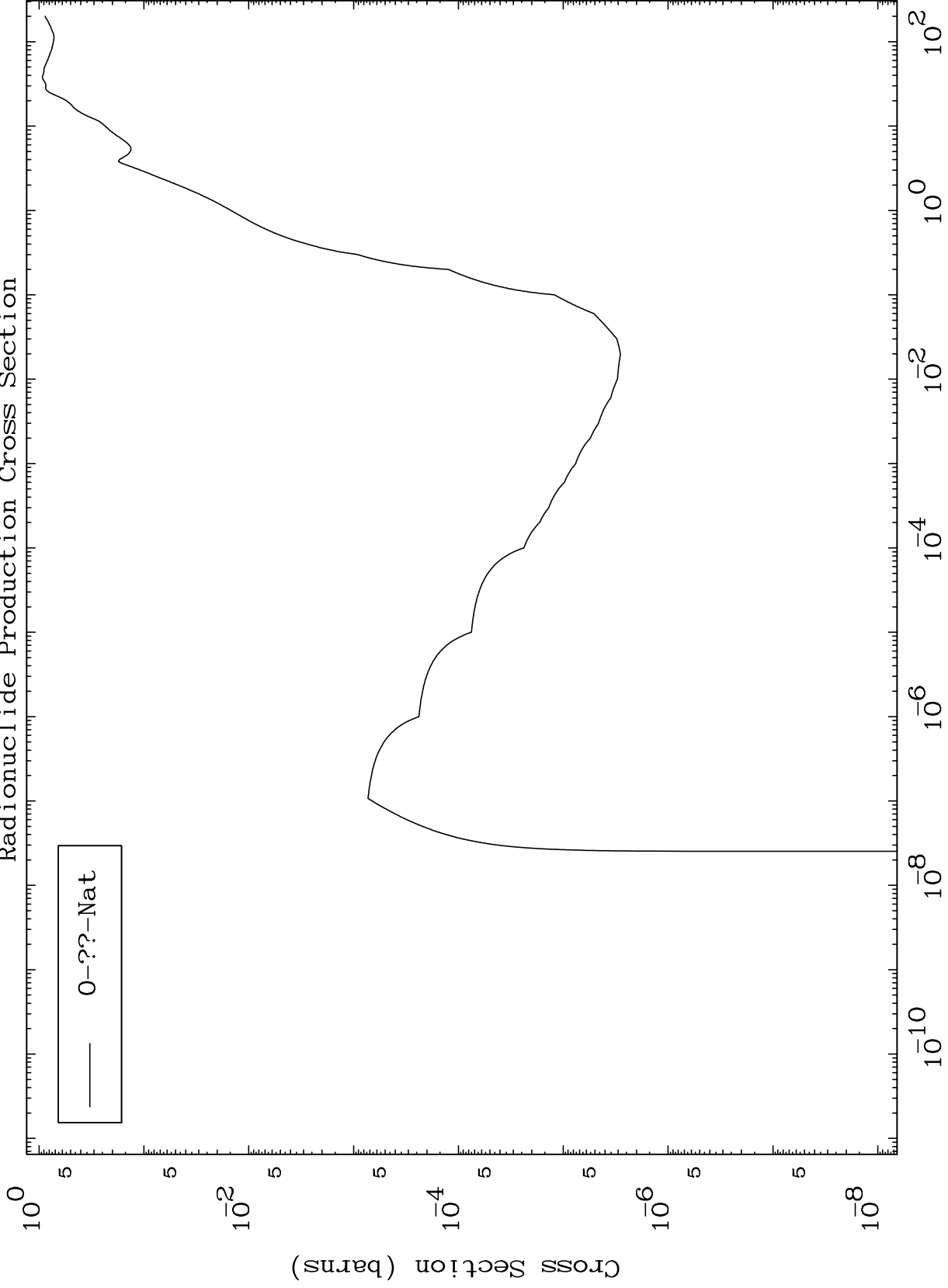
84-Po-199m

MAT 8405

Fission

84-Po-199m

Radionuclide Production Cross Section



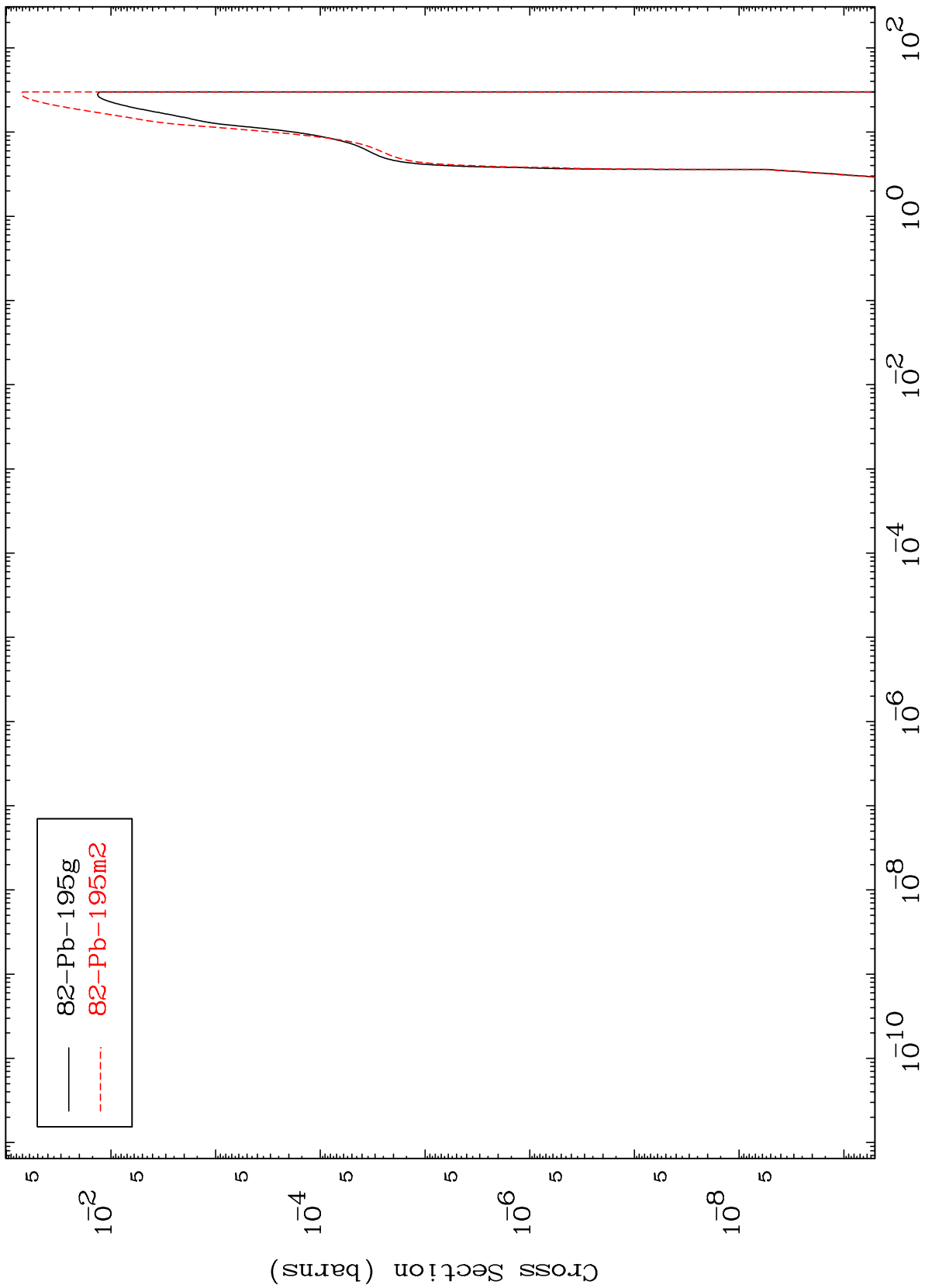
0-??-Nat

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$(n, n') \alpha$

84-Po-199m

Radionuclide Production Cross Section

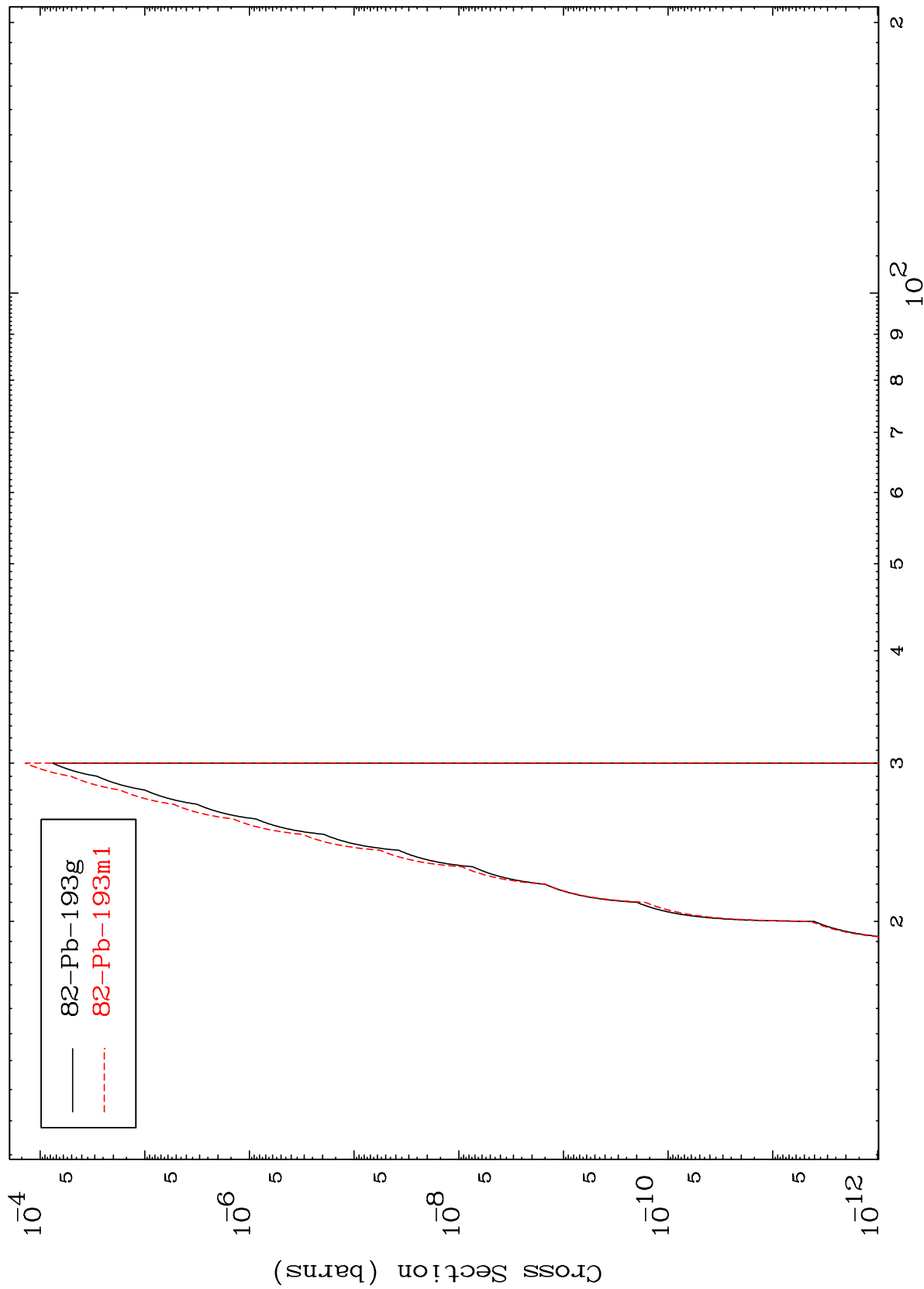


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84-Po-199m

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-199m

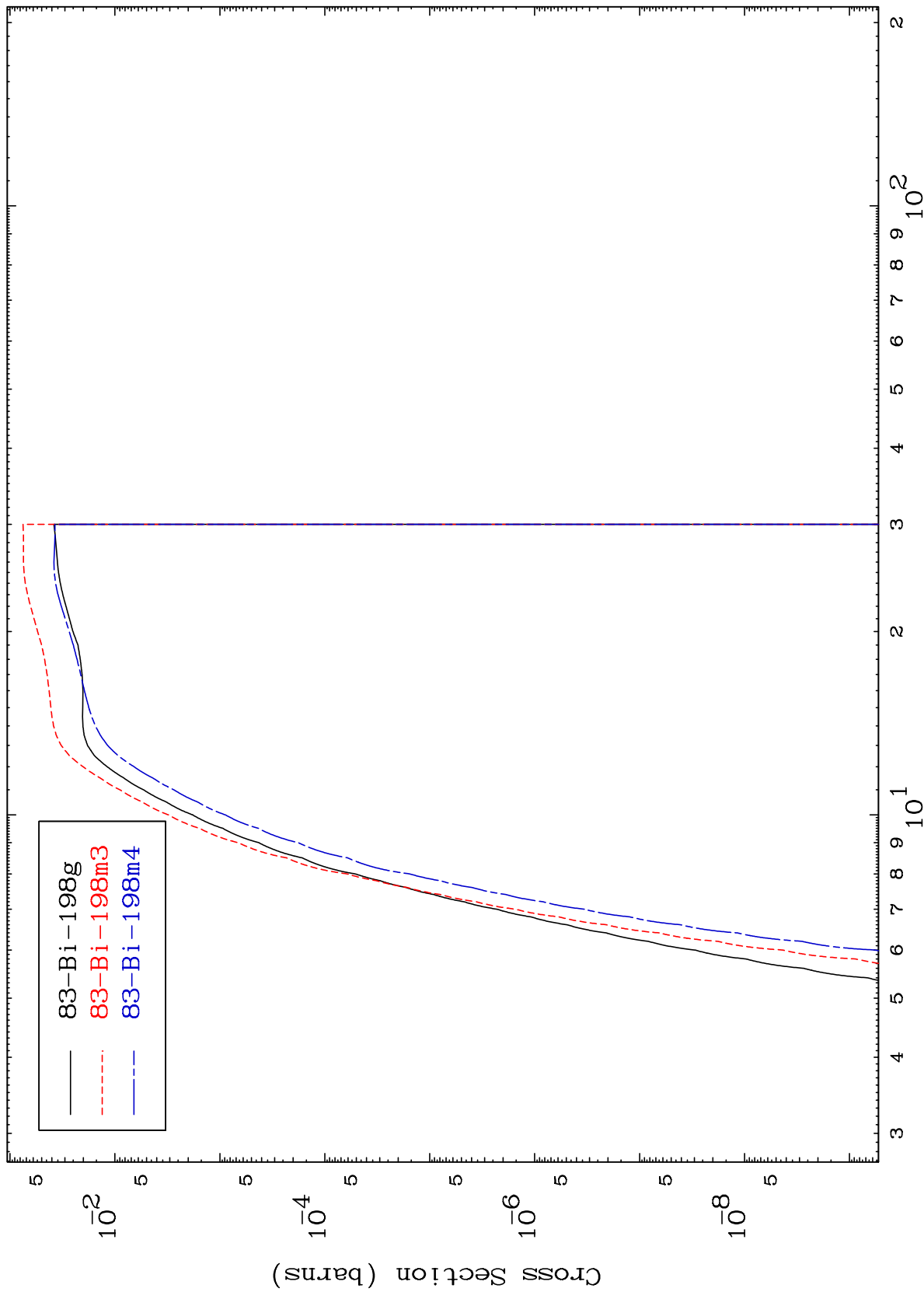
24

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(n,n') p

84-Po-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-199m

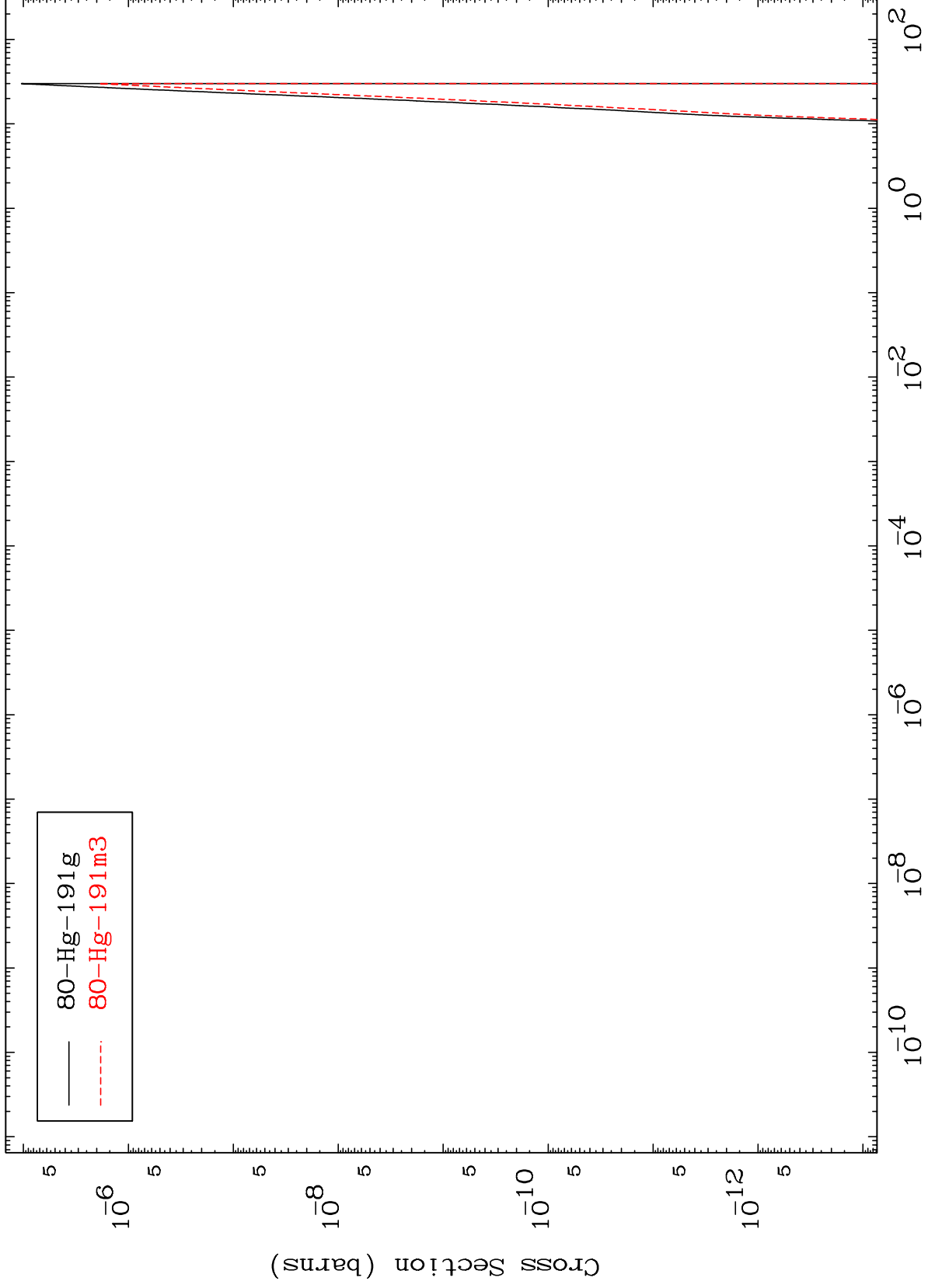
25

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(n,n') 2α

84-Po-199m

Radionuclide Production Cross Section



26

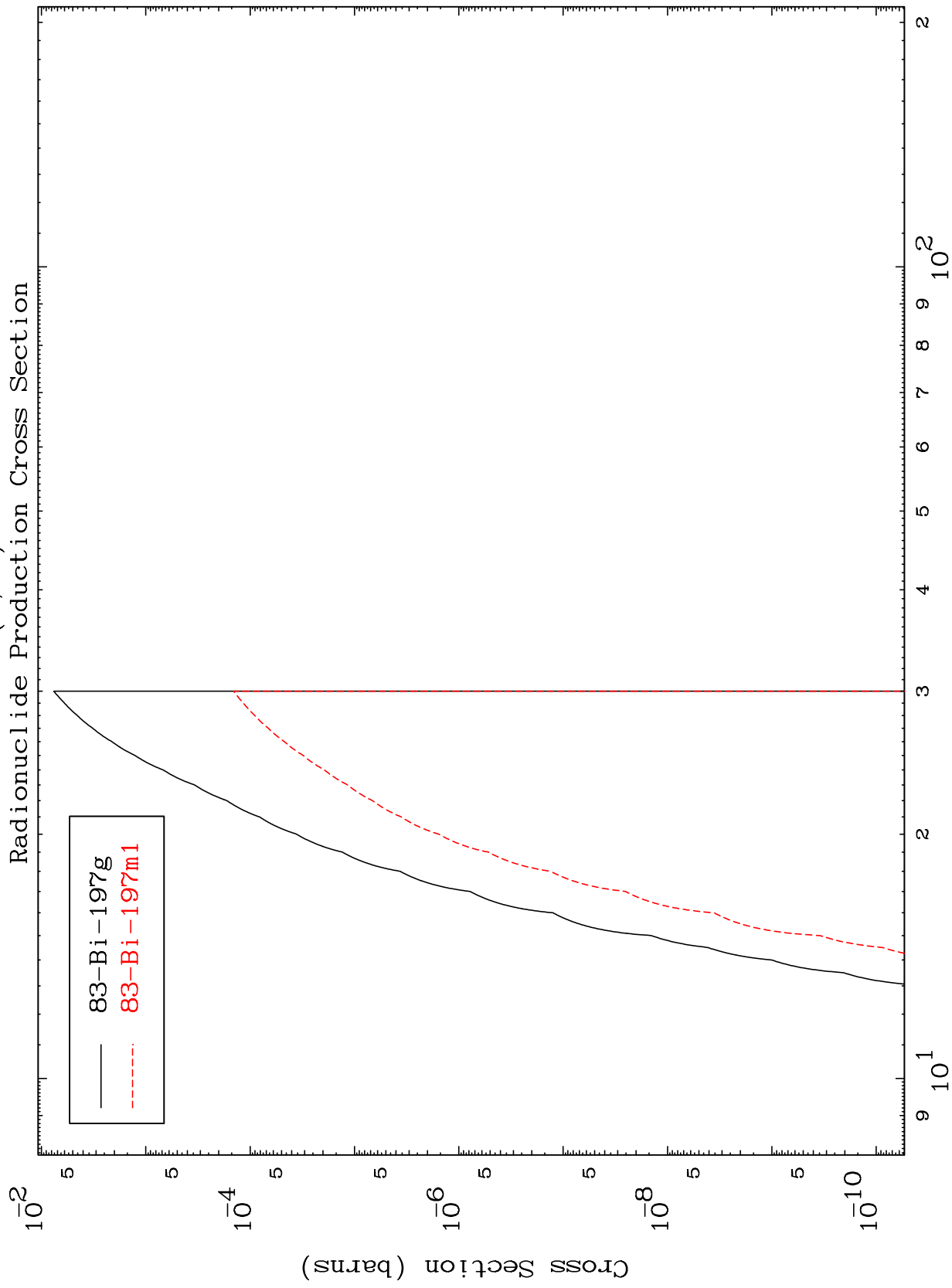
Incident Energy (MeV)

84-Po-199m

MAT 8405

(n,n') d

84-Po-199m

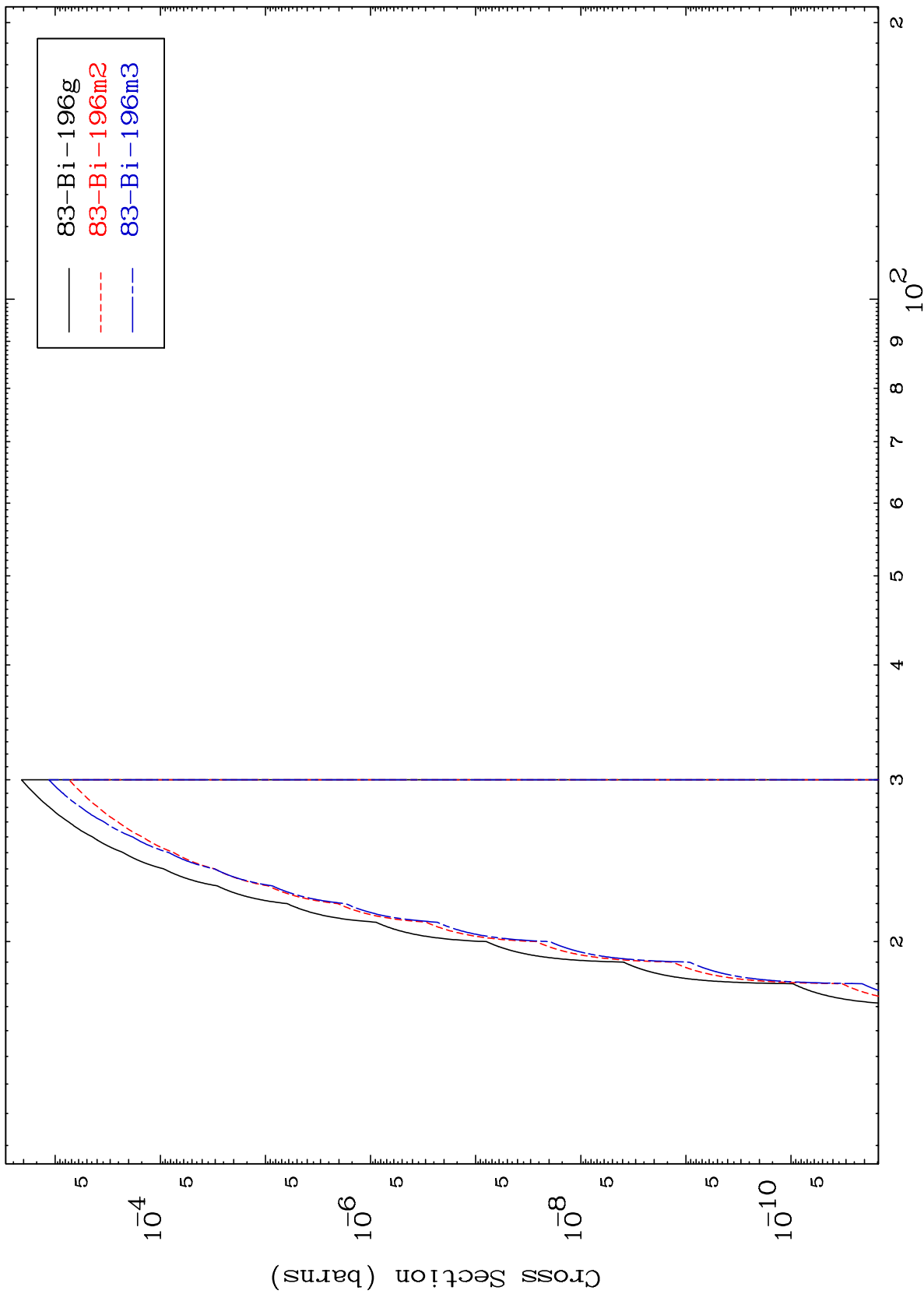


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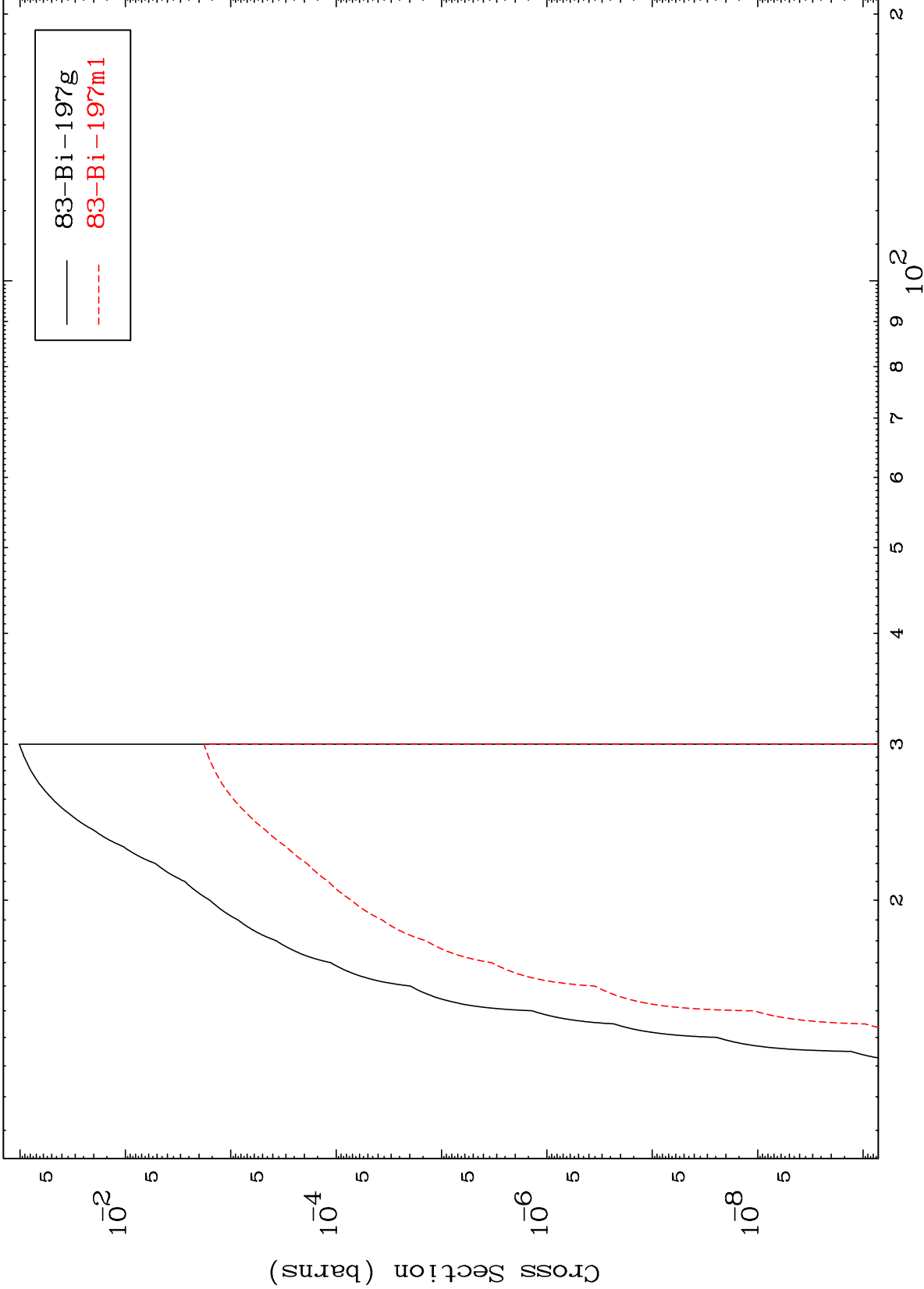
Incident Energy (MeV)

84-Po-199m

Radionuclide Production Cross Section



Radionuclide Production Cross Section



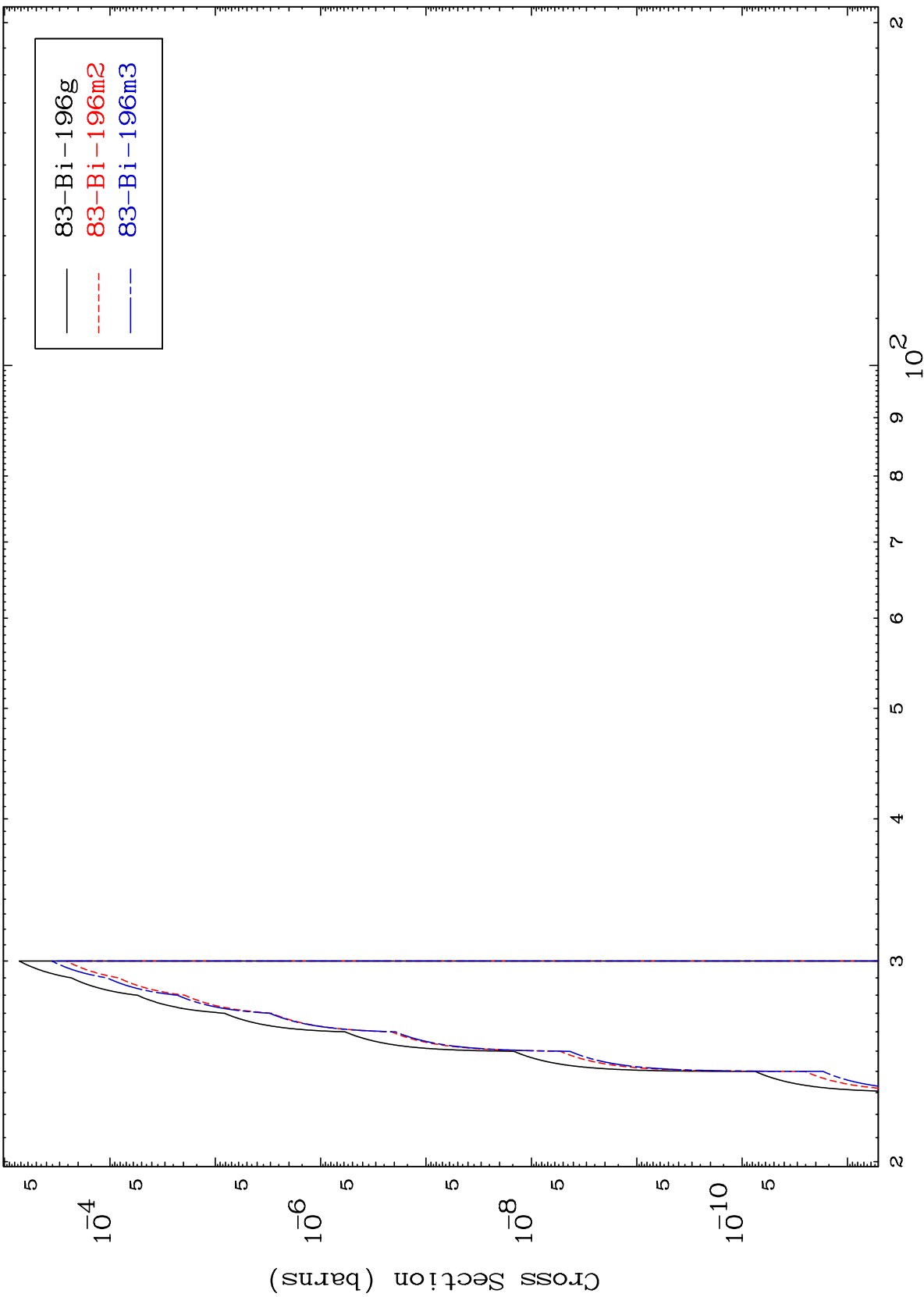
83-Bi-197g
83-Bi-197m1

MAT 8405

(n,3n) p

84-Po-199m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

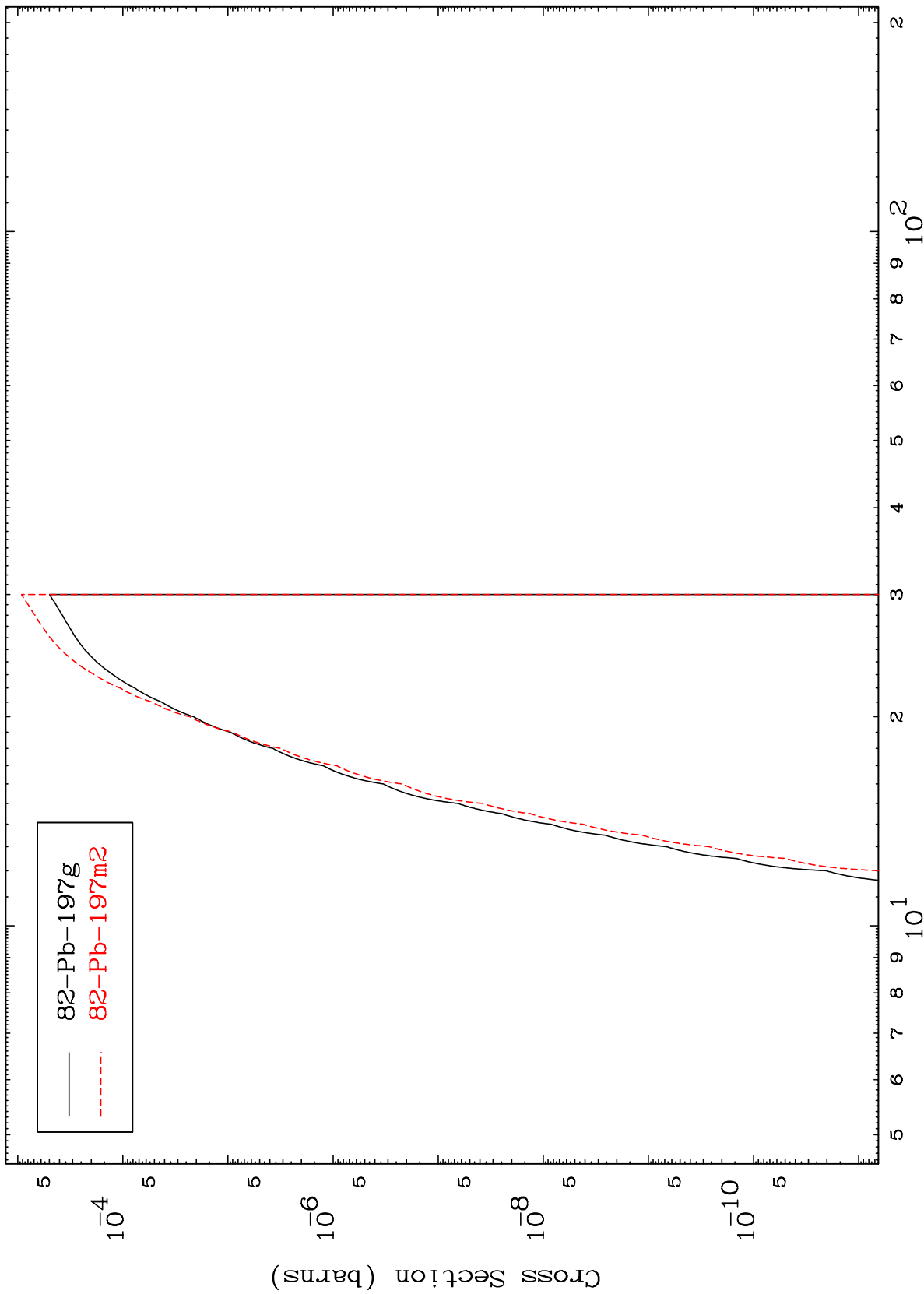
84-Po-199m

MAT 8405

(n,2n) p

84-Po-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-199m

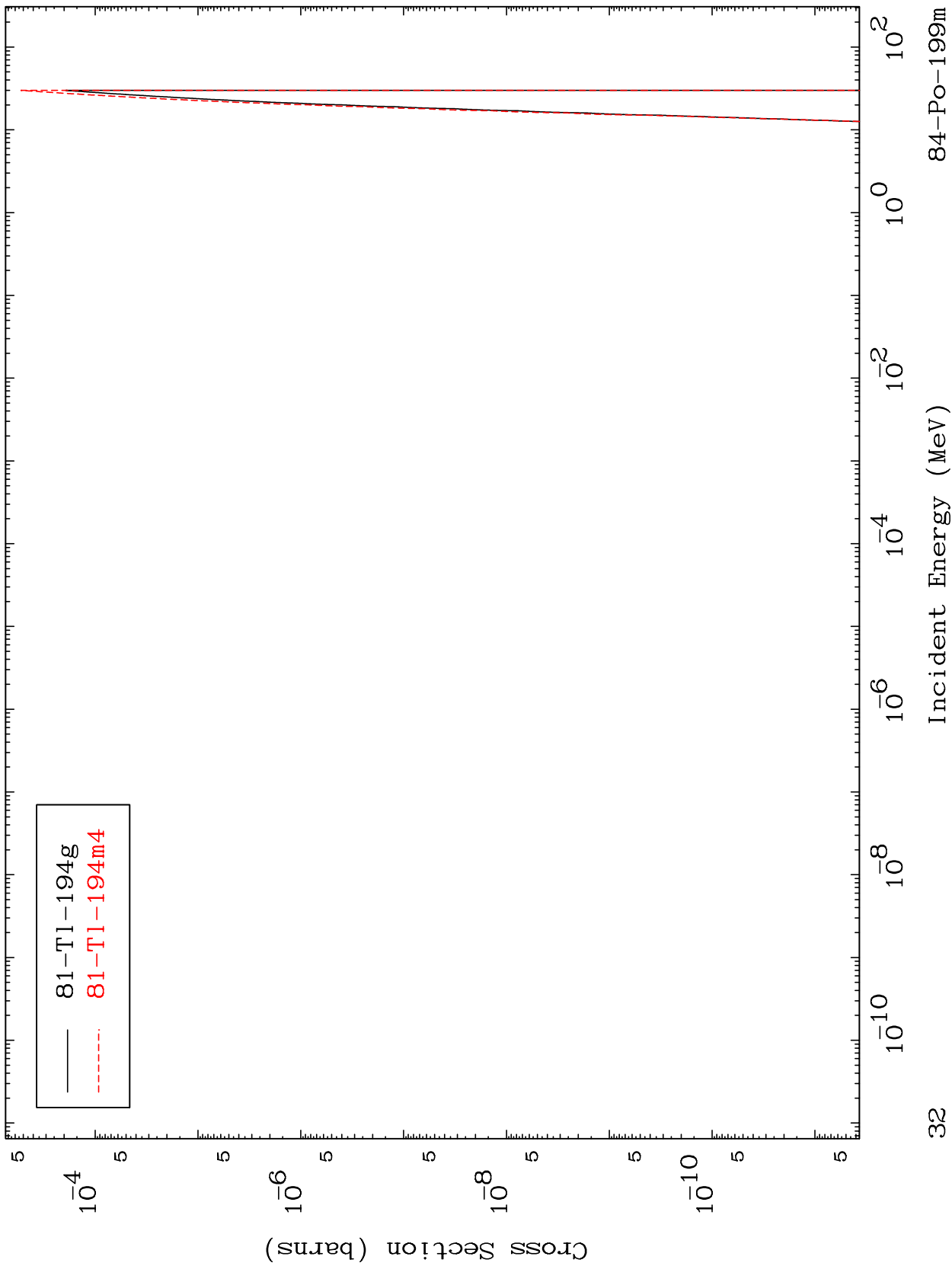
31

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(n,n') p α

84-Po-199m

Radionuclide Production Cross Section

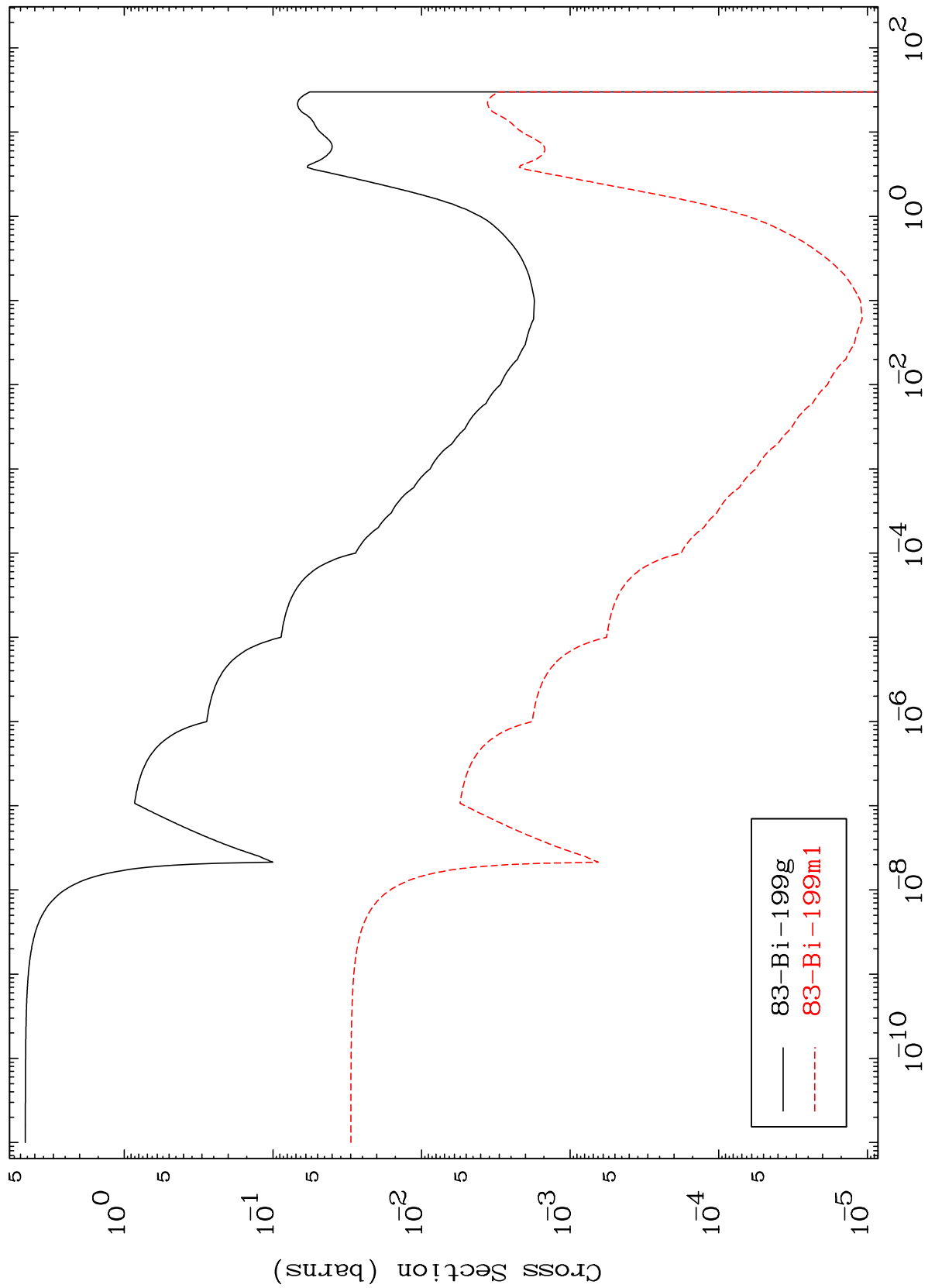


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84-Po-199m

Radionuclide Production Cross Section

(n,p)

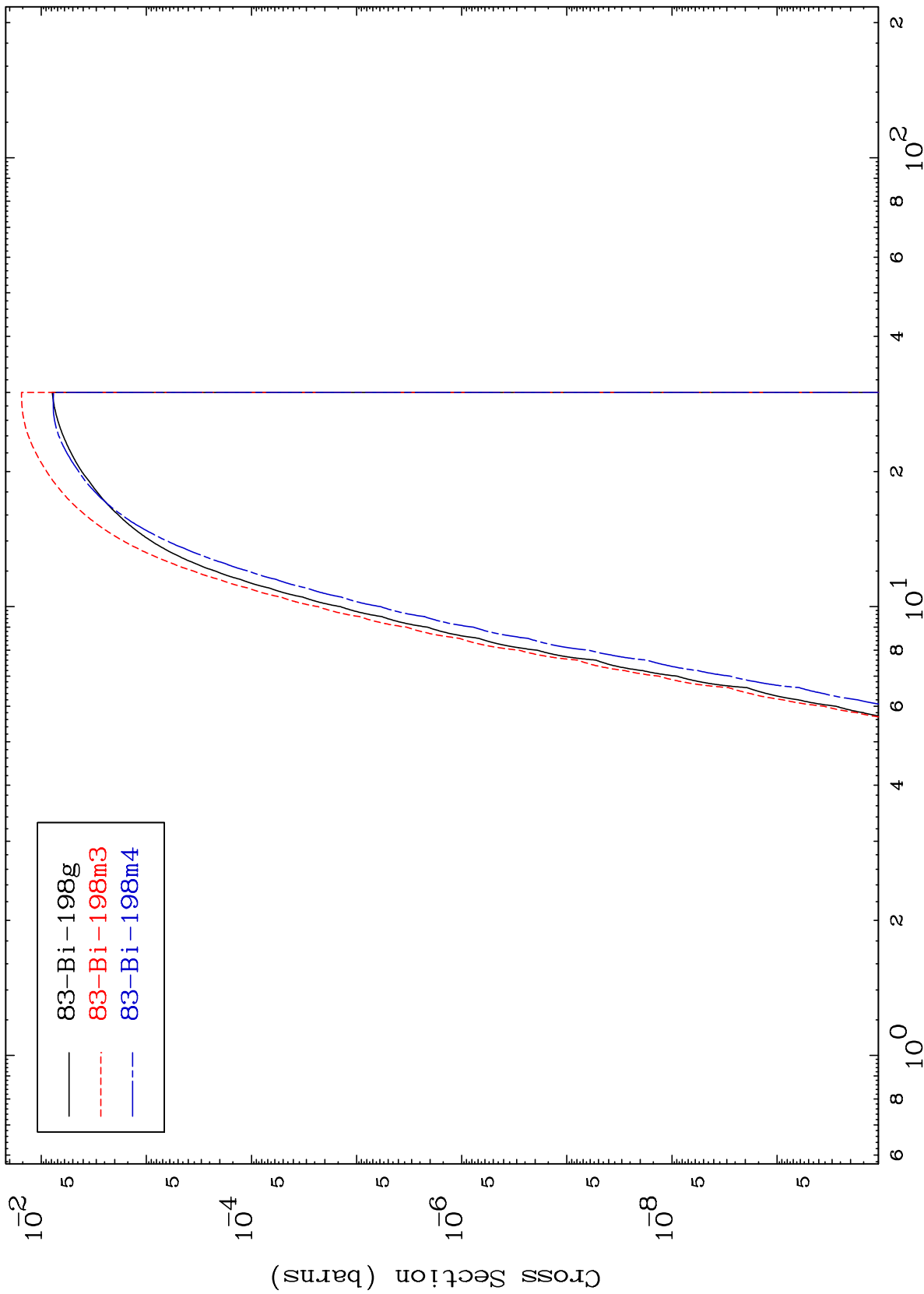


83-Bi-199g
83-Bi-199m1

MAT 8405

84-Po-199m

(n,d)
Radionuclide Production Cross Section



84-Po-199m

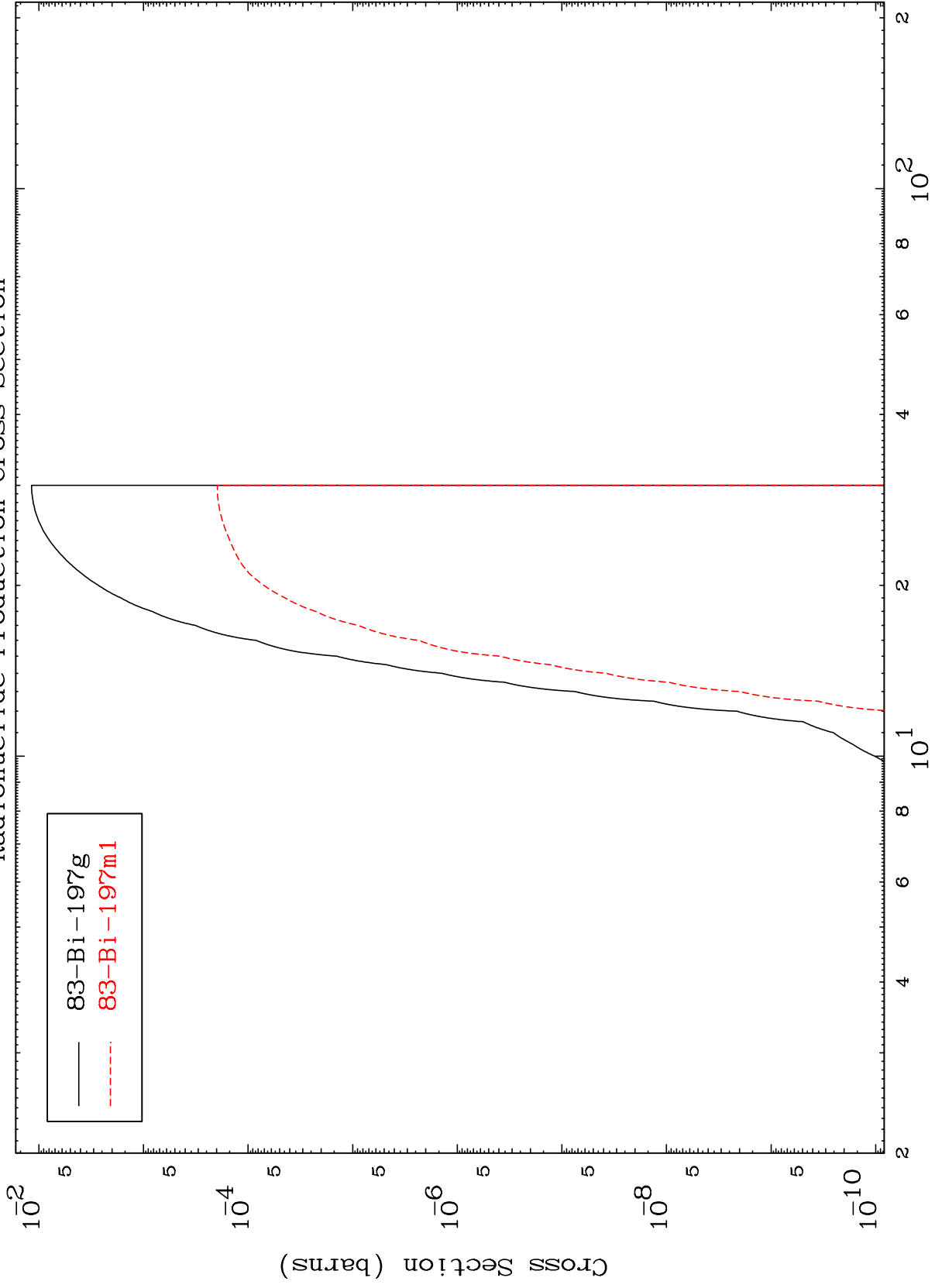
Incident Energy (MeV)

34

MAT 8405

84-Po-199m

(n, t)
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

84-Po-199m

Incident Energy (MeV)

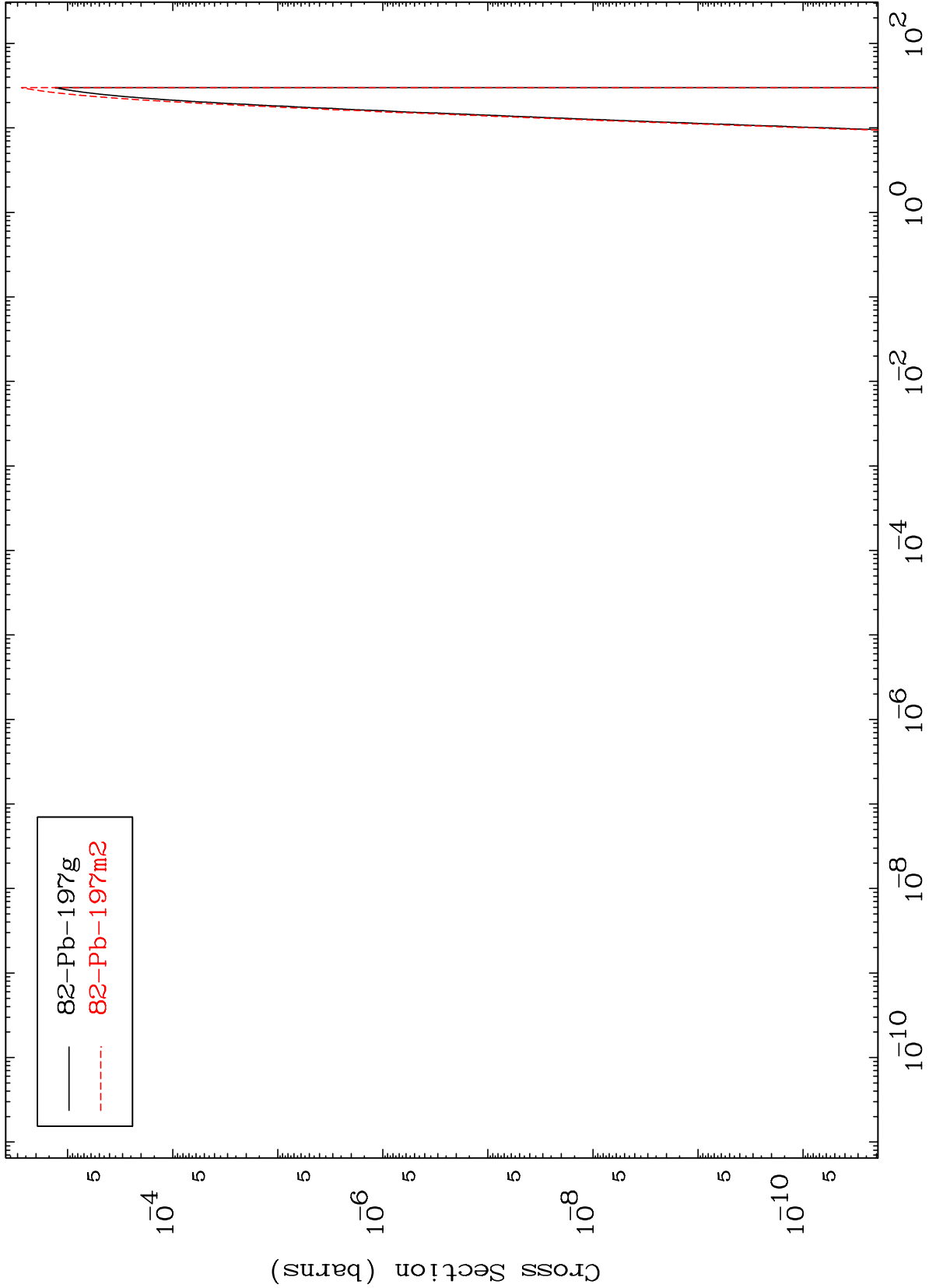
35

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(n,He-3)

84-Po-199m

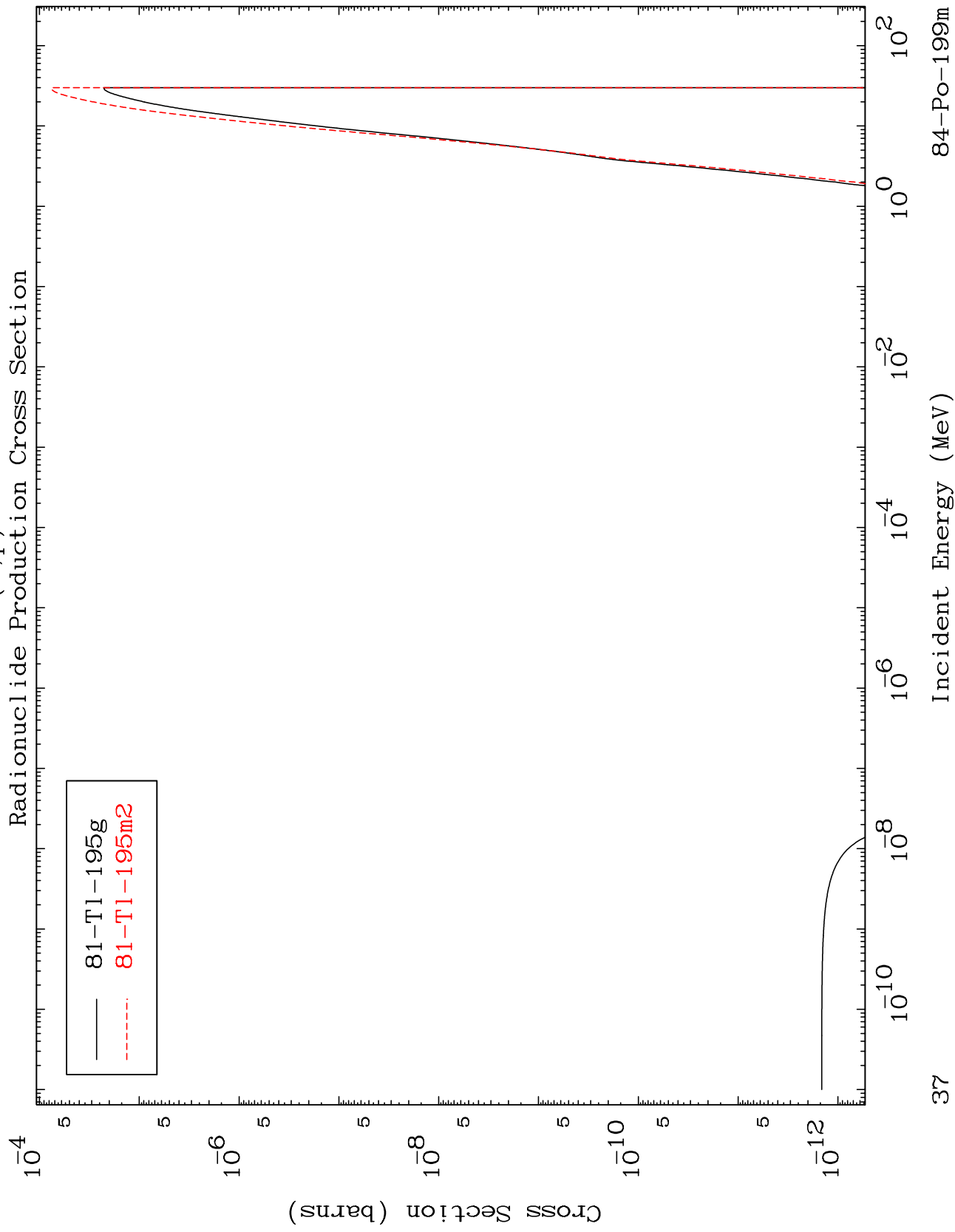
Radionuclide Production Cross Section



MAT 8405

(n,p) α

84-Po-199m

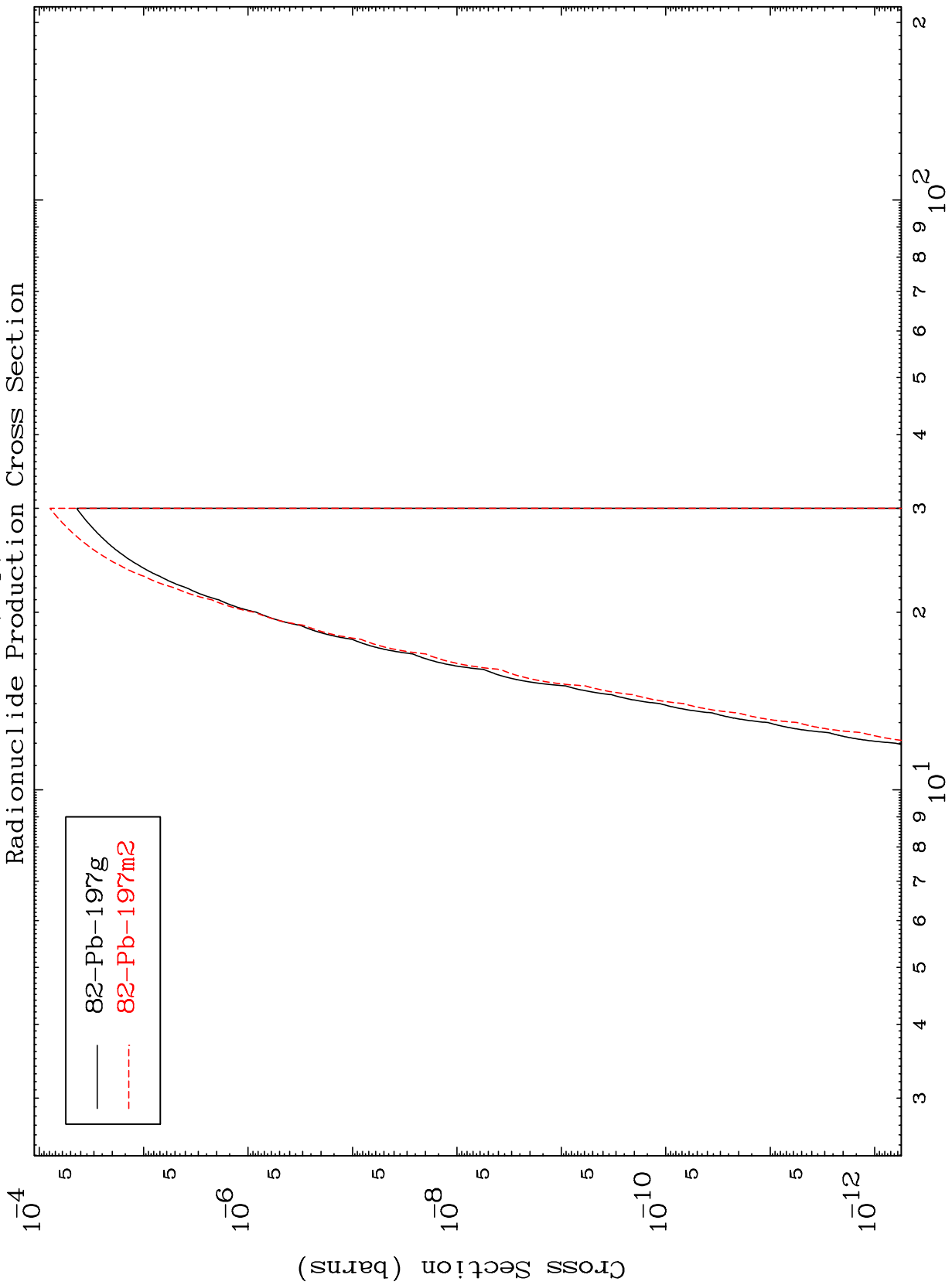


MAT 8405

(n,p) d

84-Po-199m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

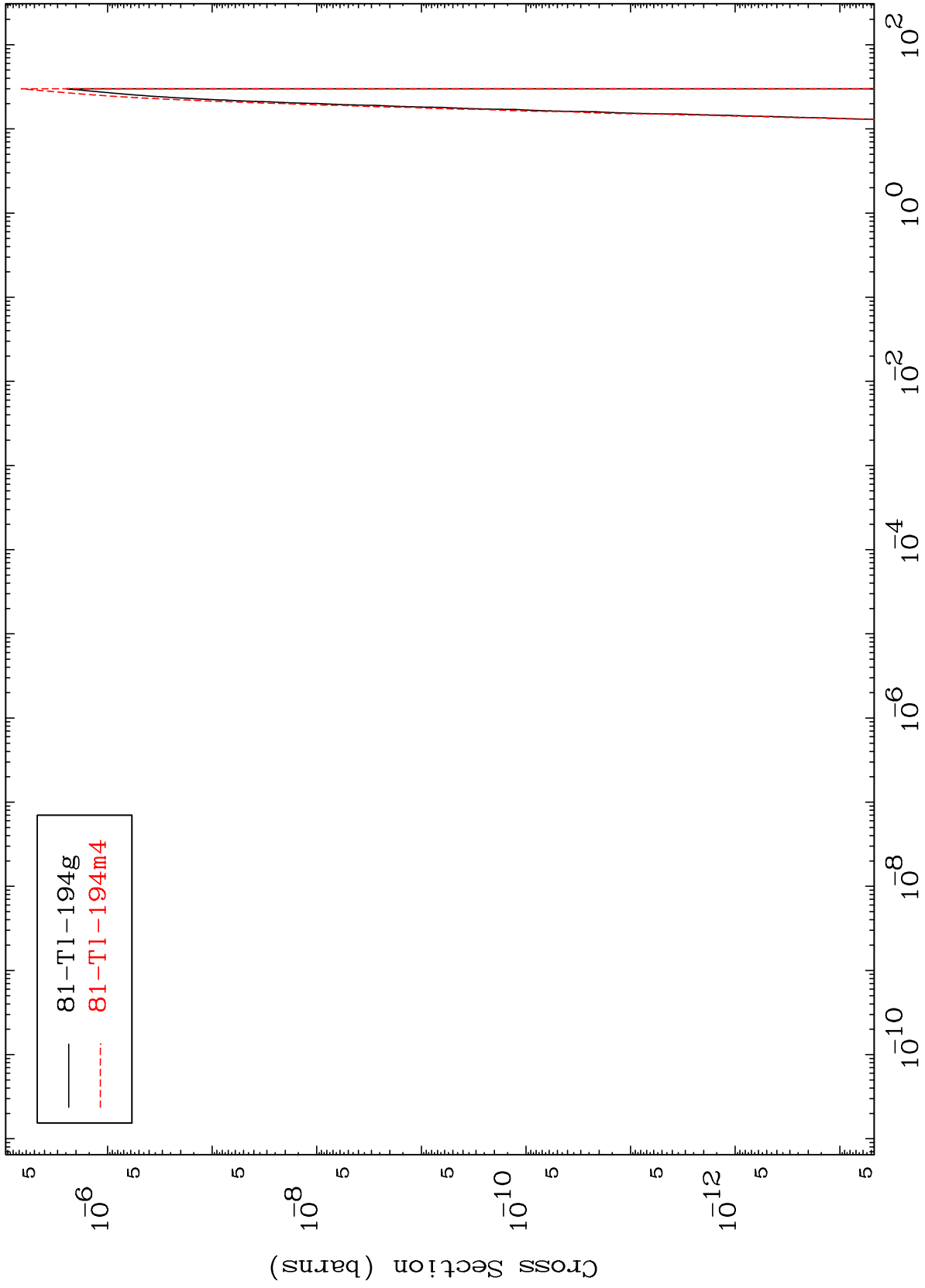
84-Po-199m

MAT 8405

(n,d) α

84-Po-199m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

84-Po-199m