

Program EVALPLOT
(Version 2021-1)

by

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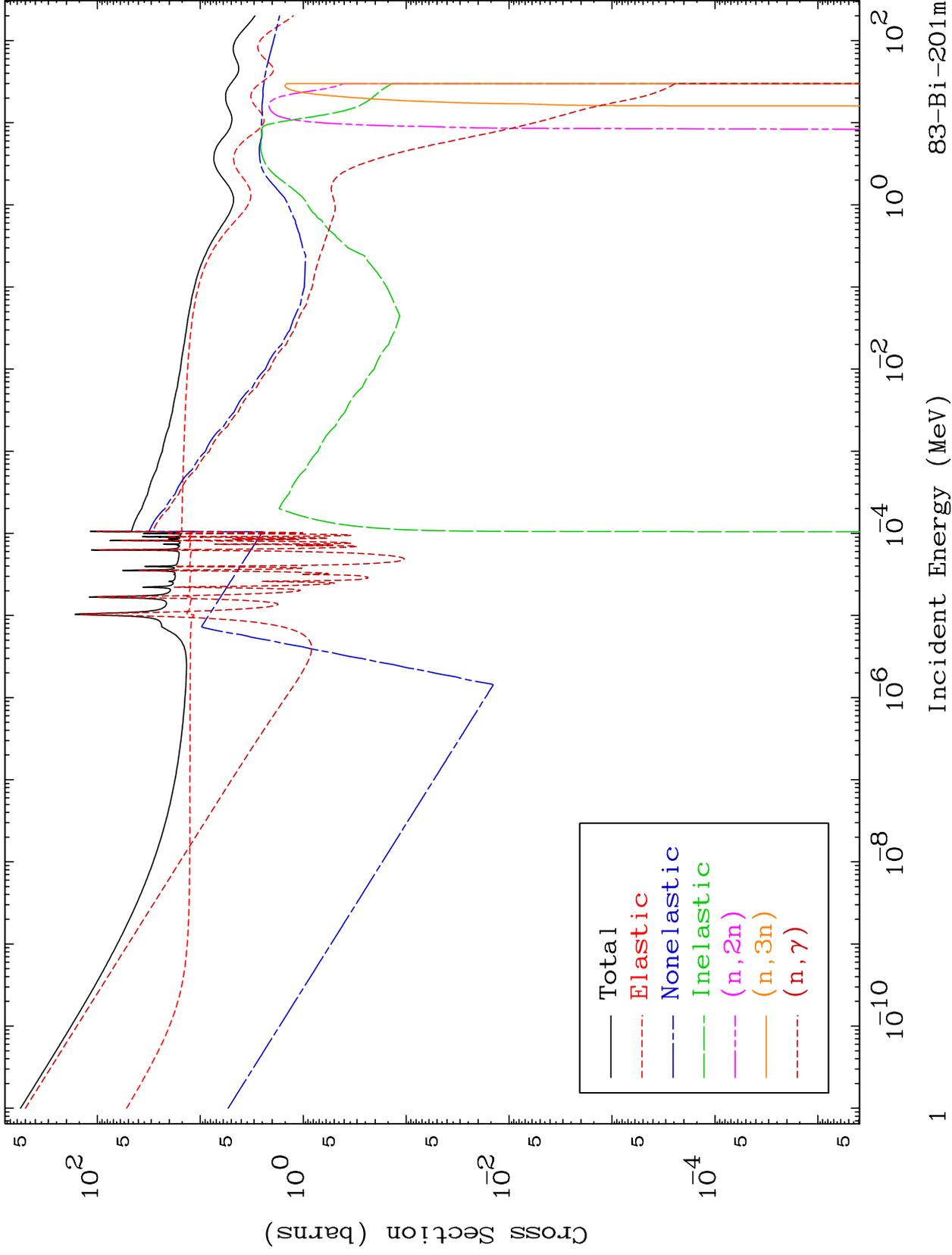
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Press Mouse Button to Start

MAT 8302

Neutron Major
293 Kelvin Cross Sections

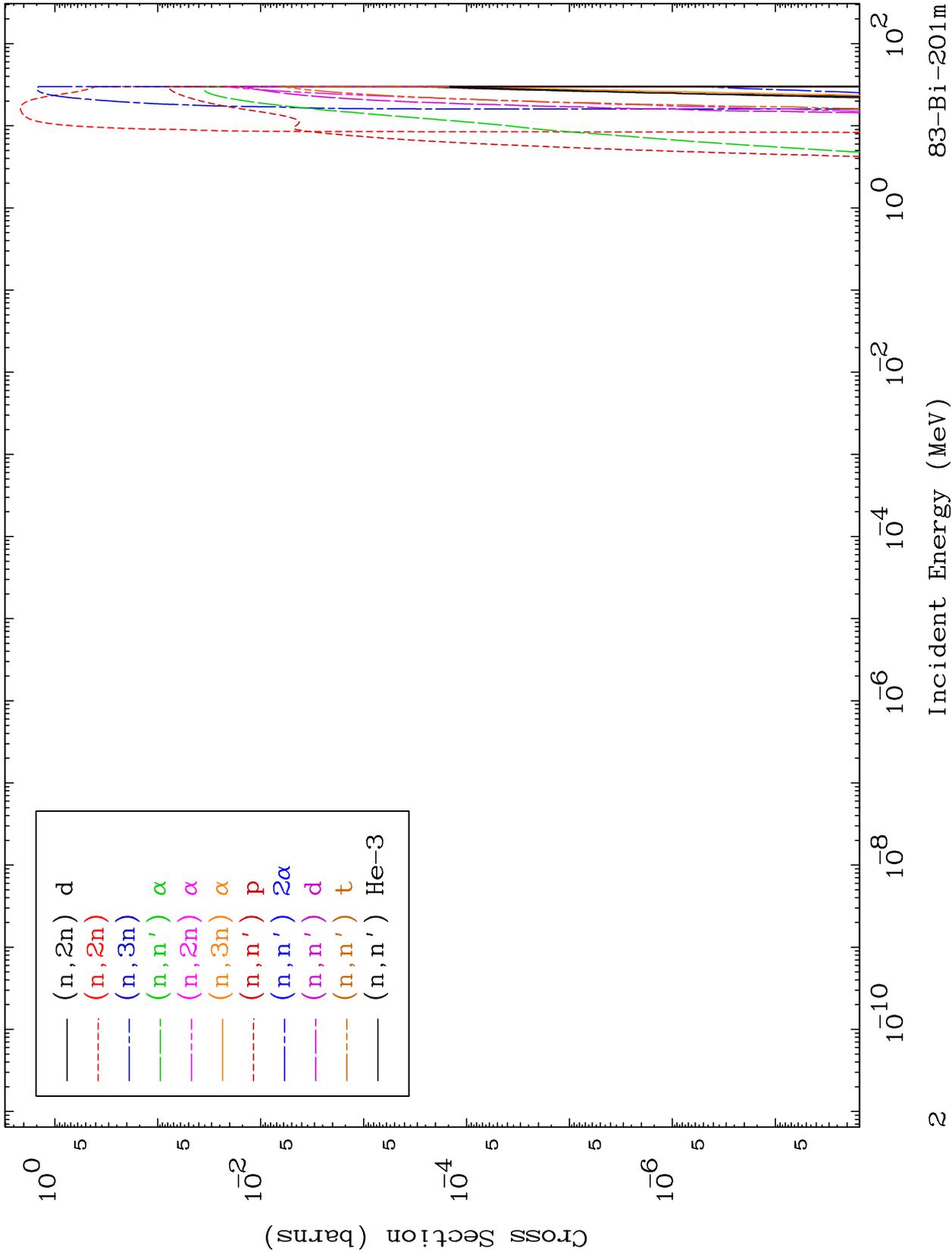
83-Bi-201m



MAT 8302

Neutron Absorption
293 Kelvin Cross Sections

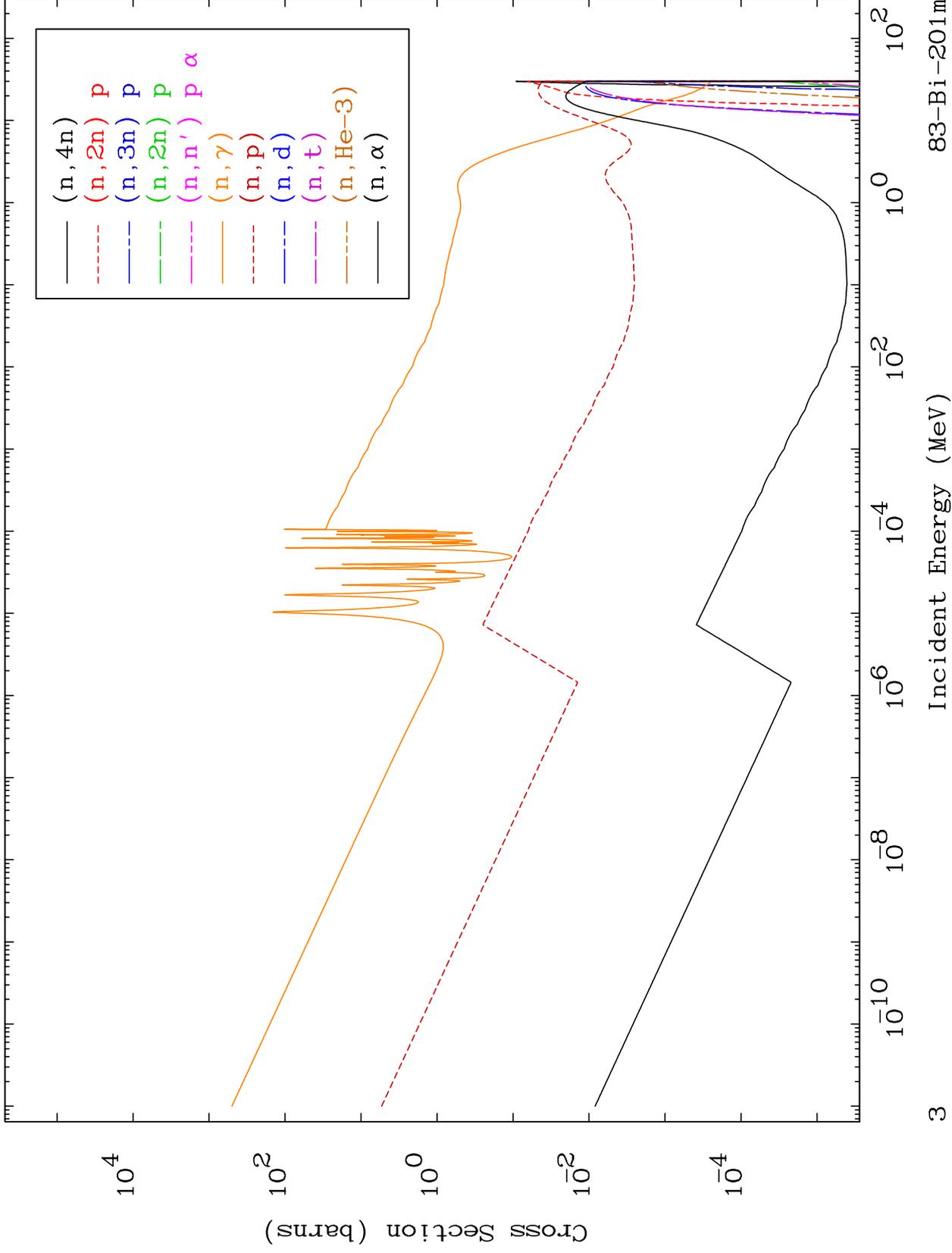
83-Bi-201m



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Neutron Absorption
293 Kelvin Cross Sections

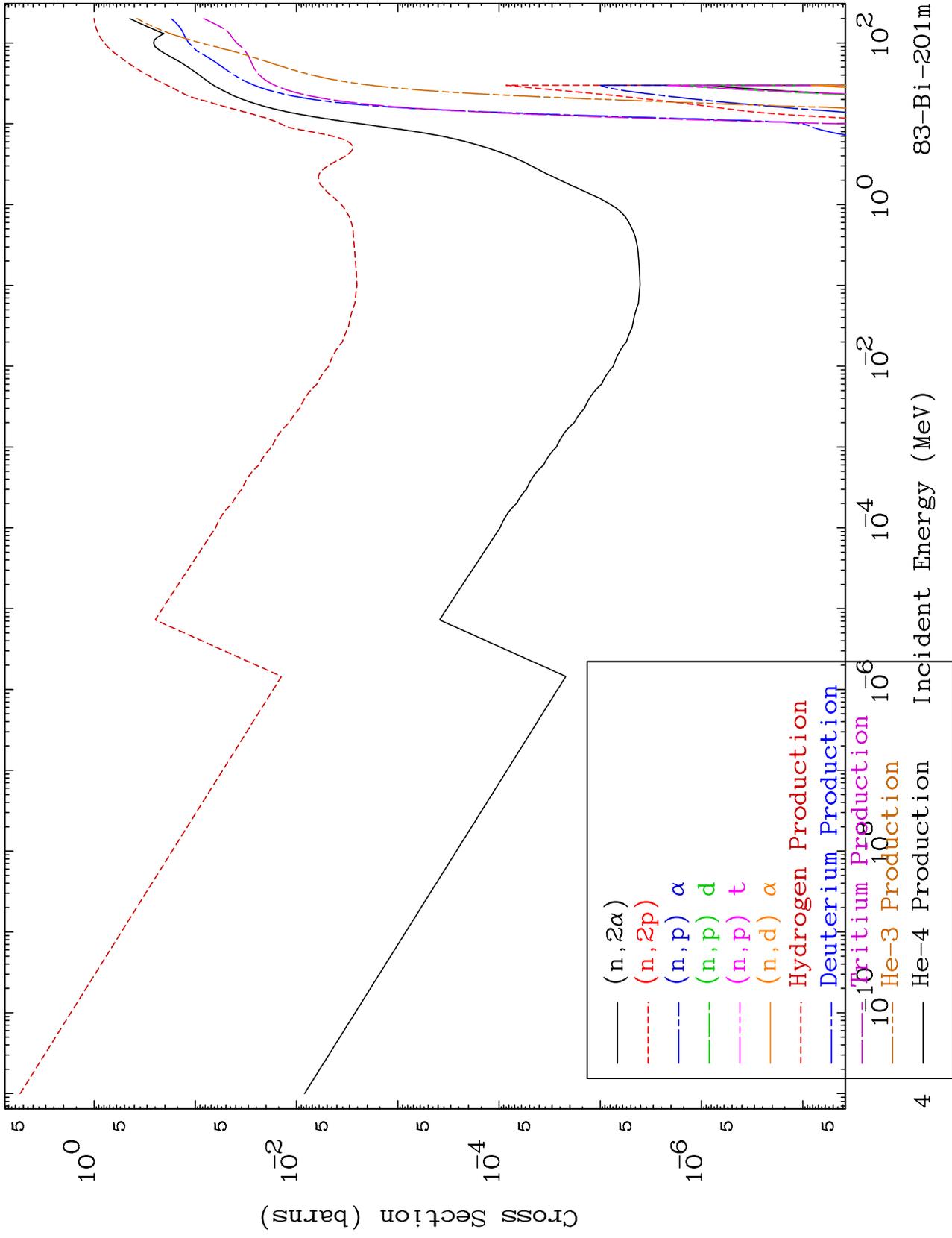
83-Bi-201m



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Neutron Absorption
293 Kelvin Cross Sections

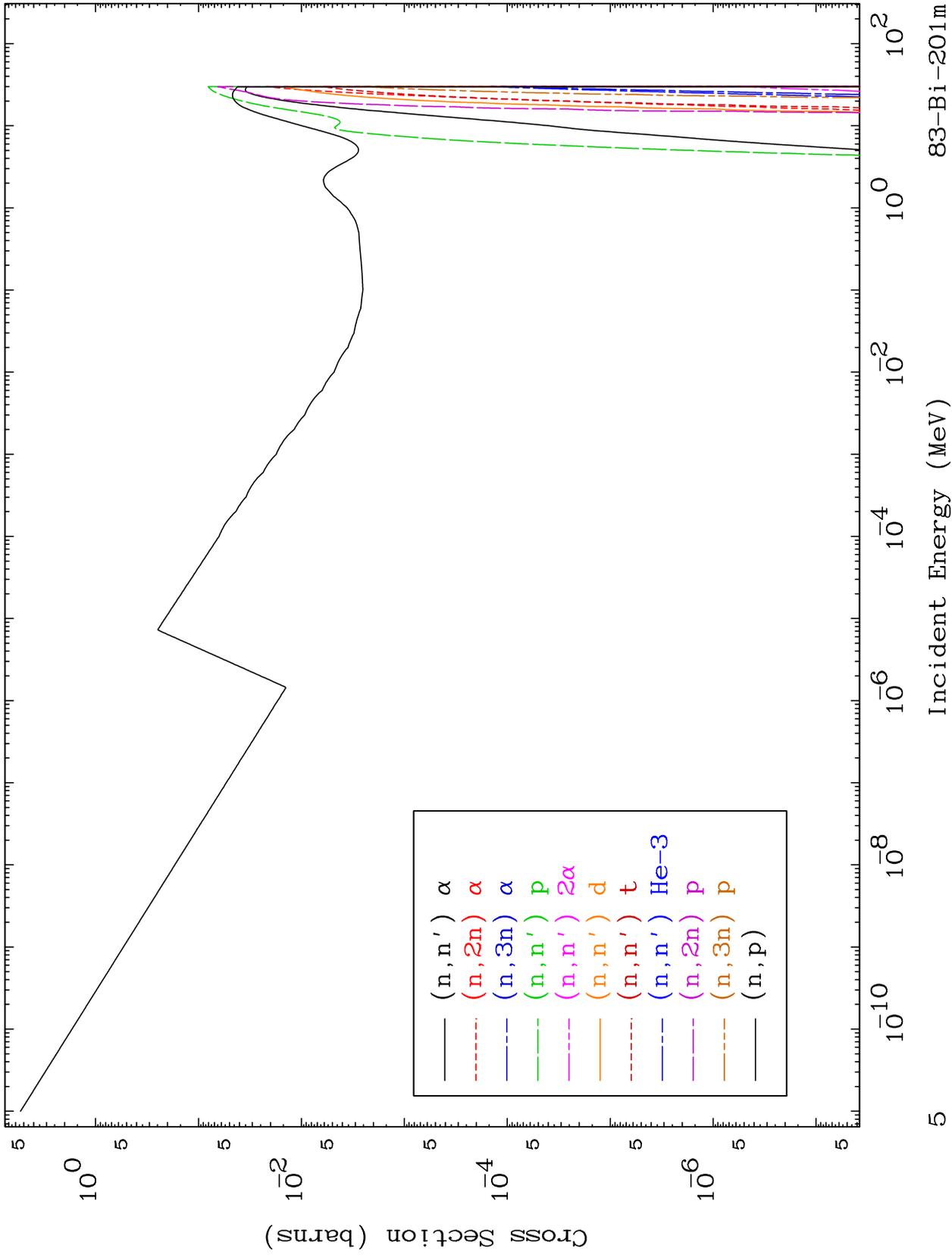
83-Bi-201m



MAT 8302

Charged Particle
293 Kelvin Cross Sections

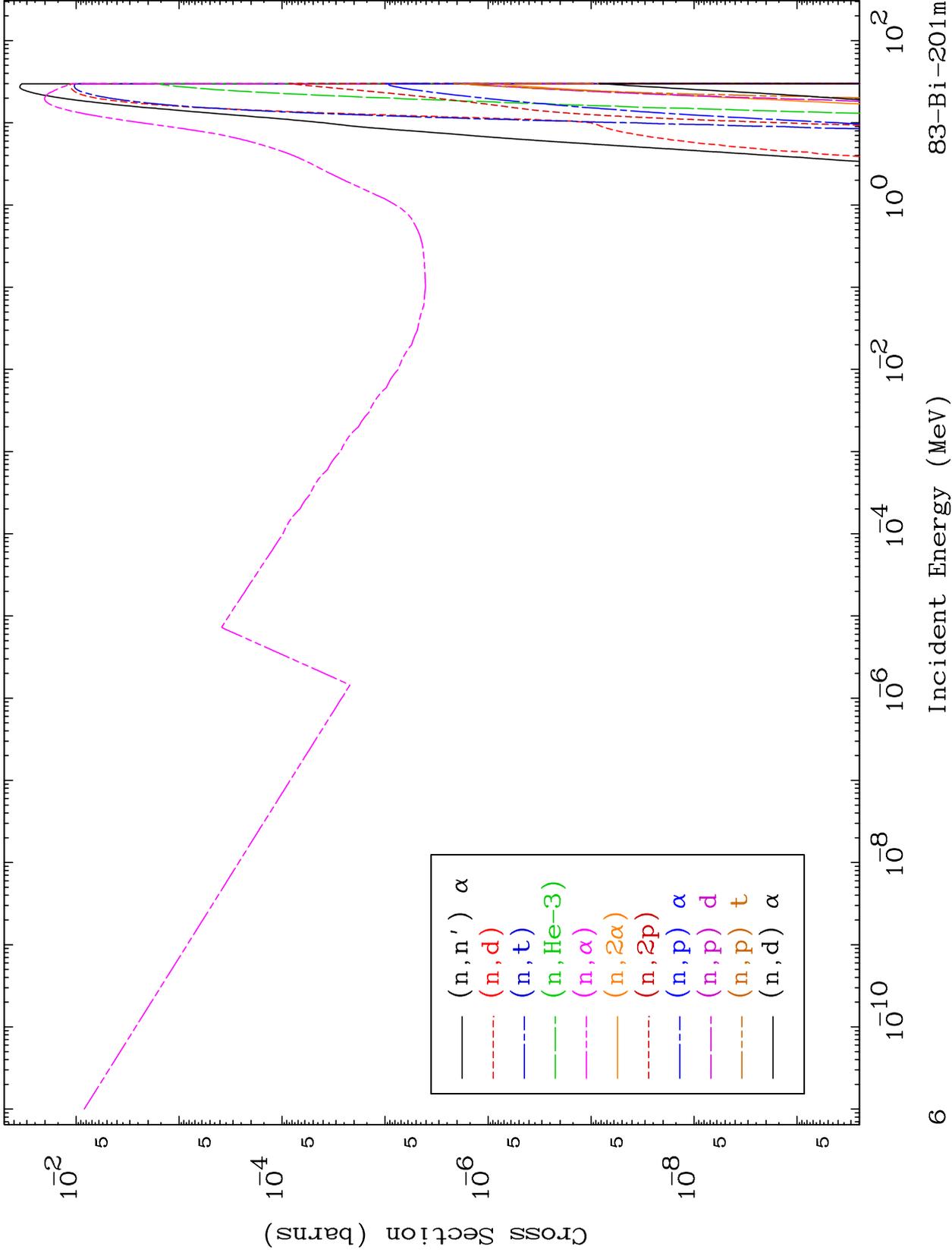
83-Bi-201m



MAT 8302

Charged Particle
293 Kelvin Cross Sections

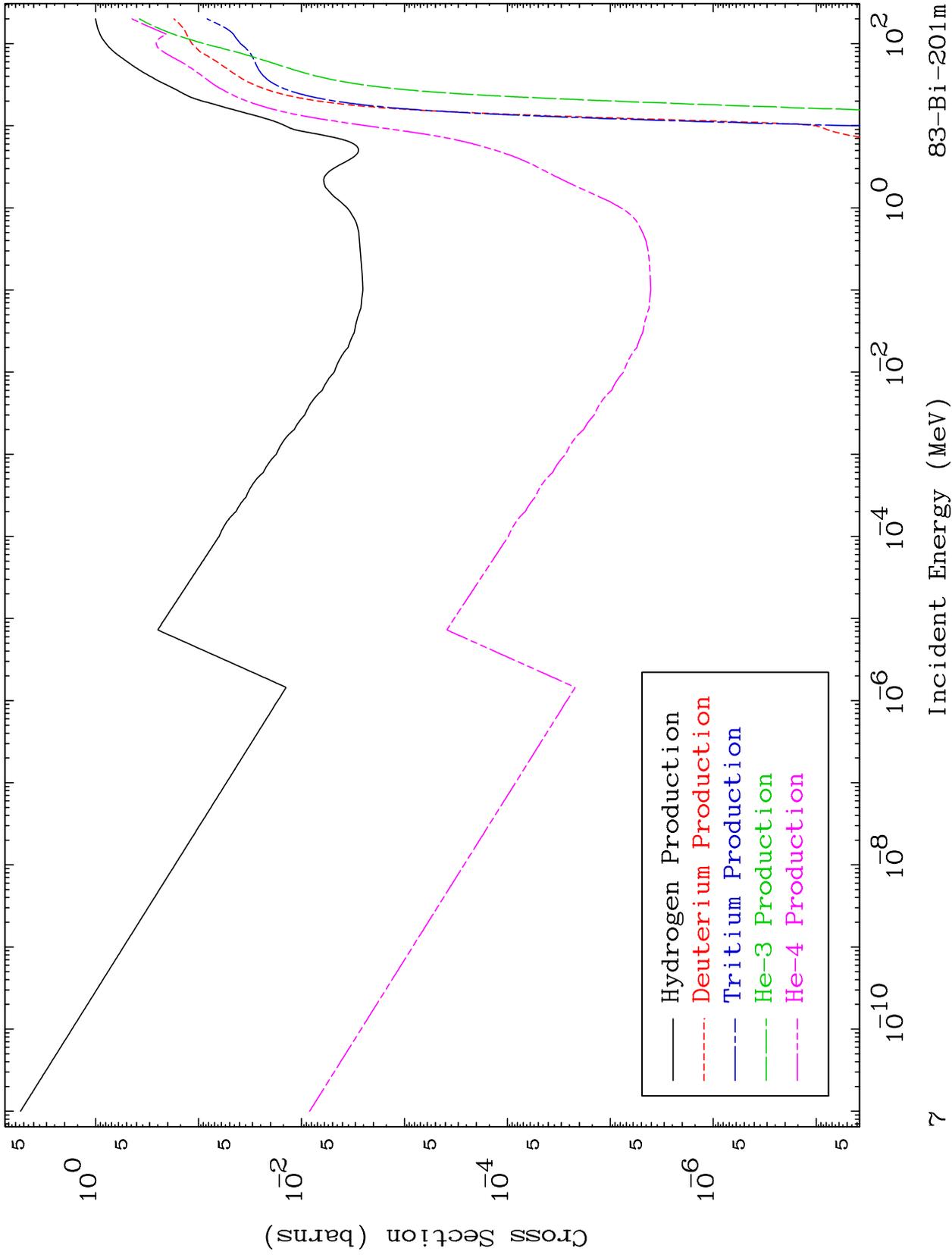
83-Bi-201m



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Particle Production
293 Kelvin Cross Sections

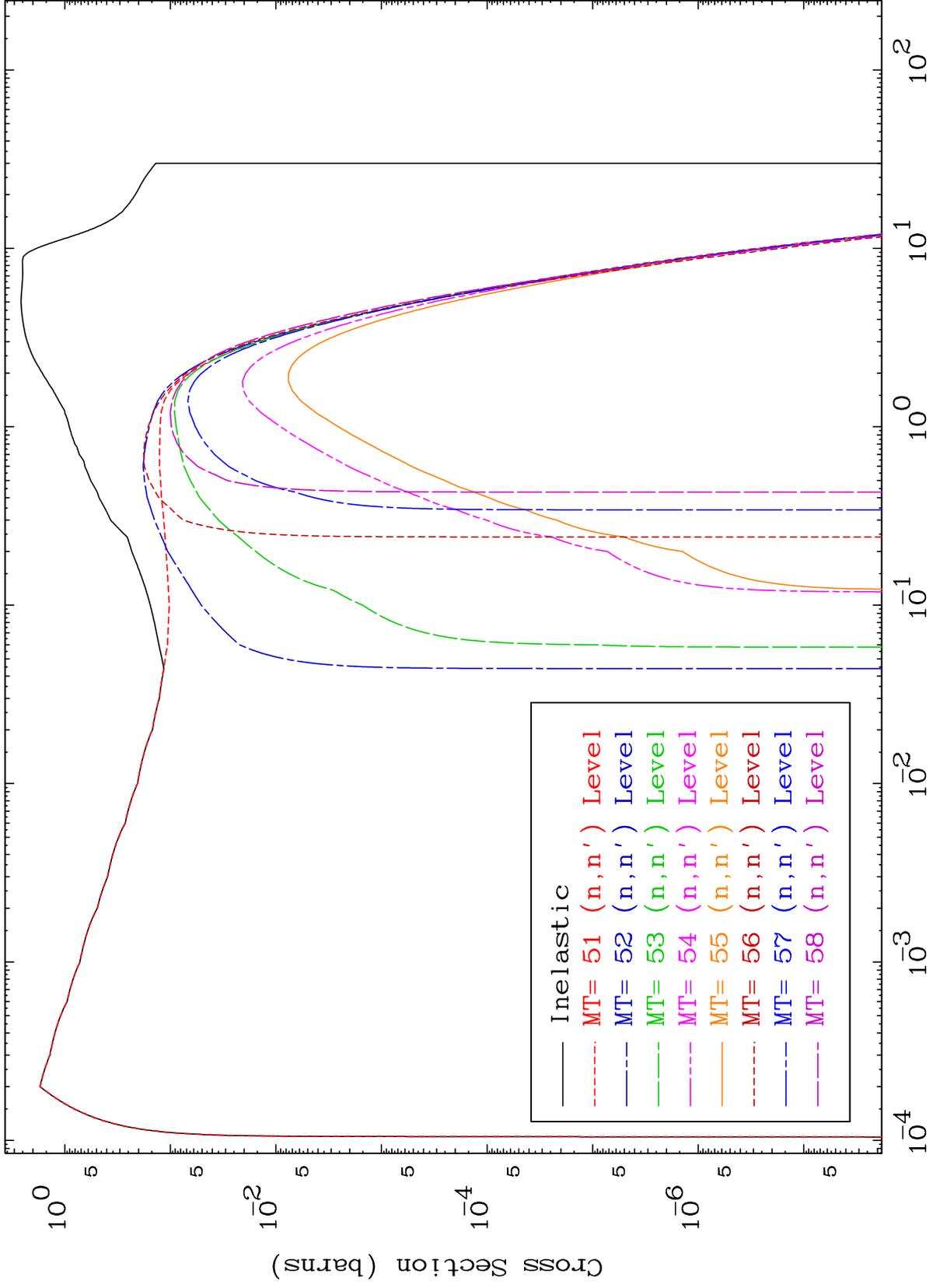
83-Bi-201m



MAT 8302

(n,n') Levels
293 Kelvin Cross Sections

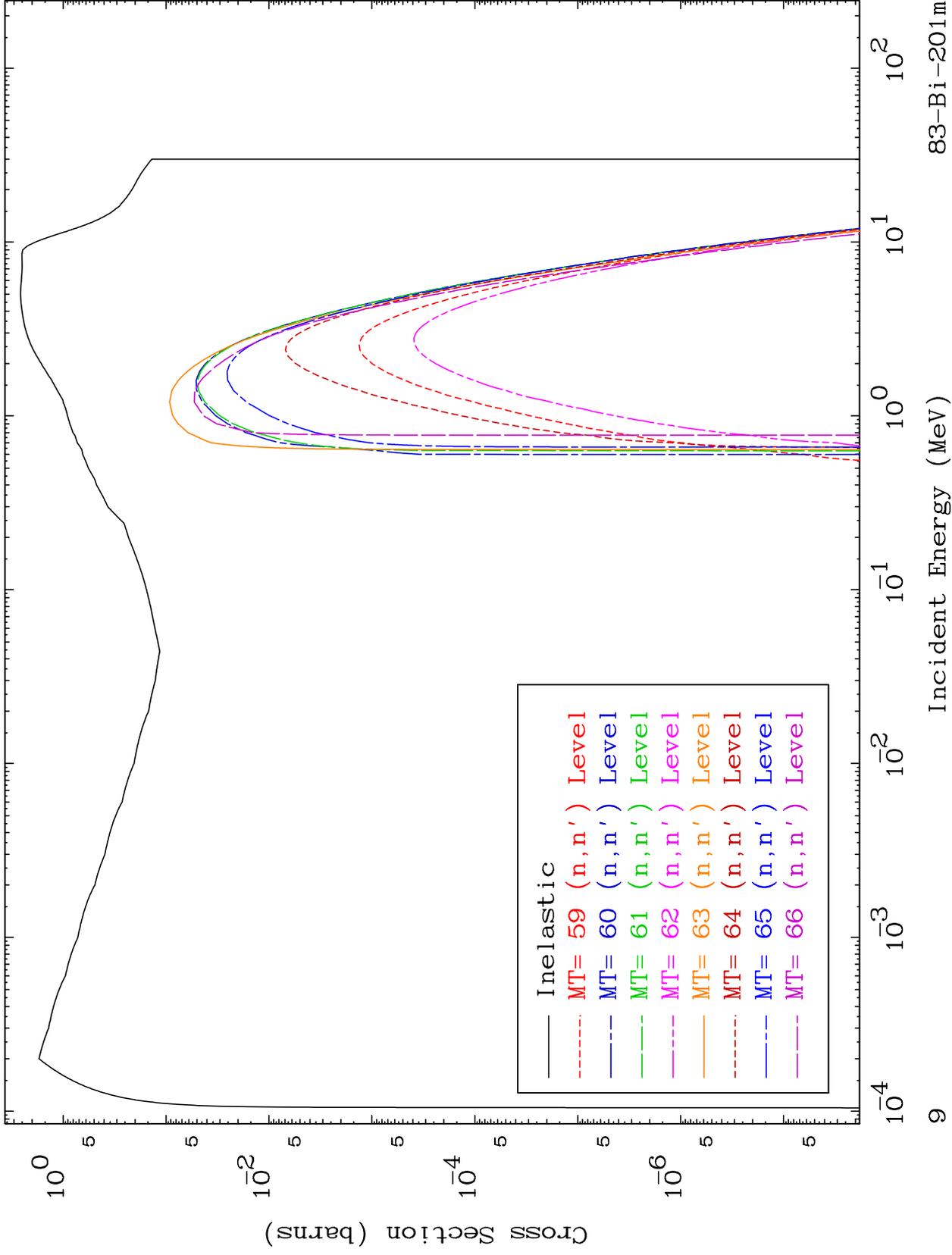
83-Bi-201m



MAT 8302

(n,n') Levels
293 Kelvin Cross Sections

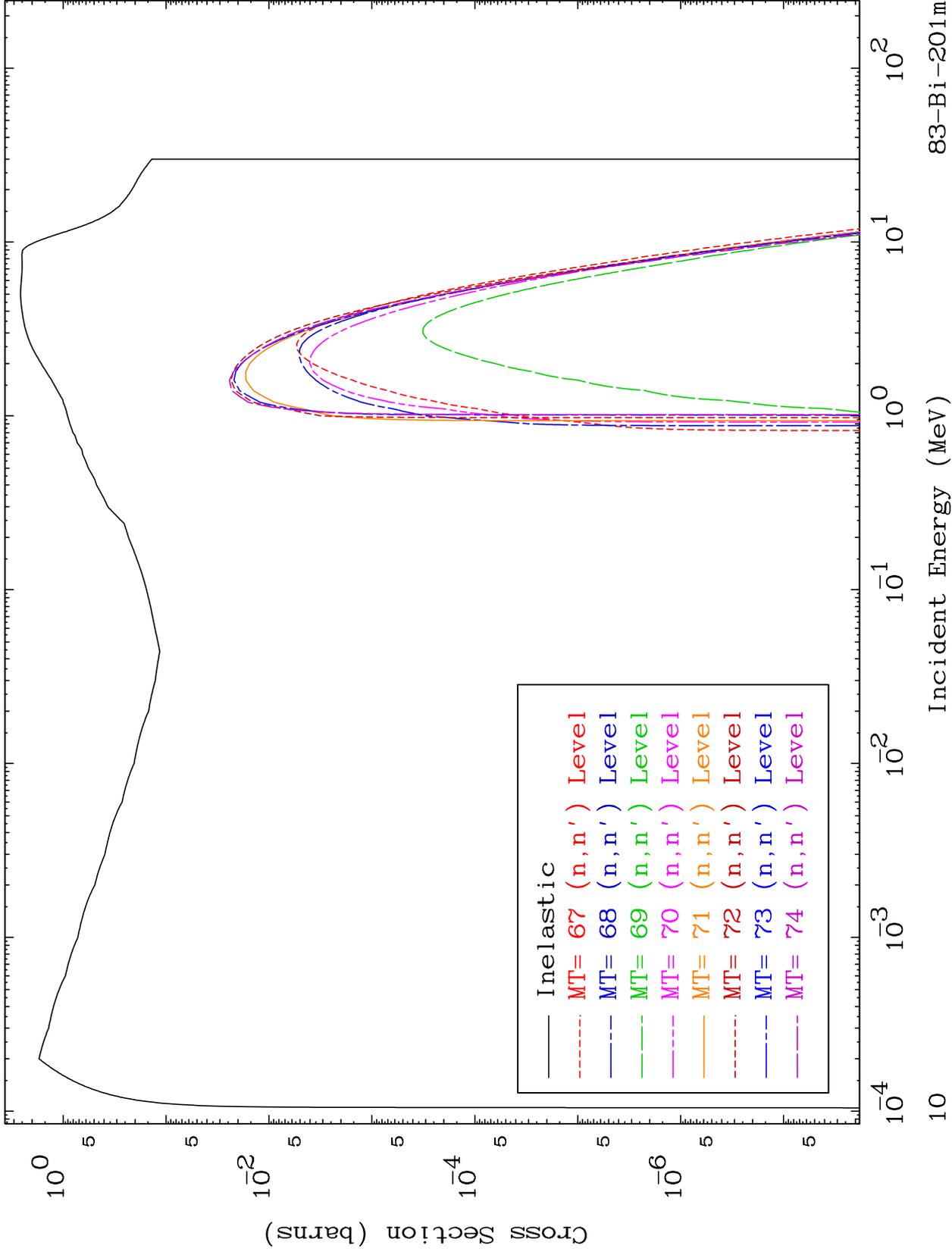
83-Bi-201m



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(n,n') Levels
293 Kelvin Cross Sections

83-Bi-201m



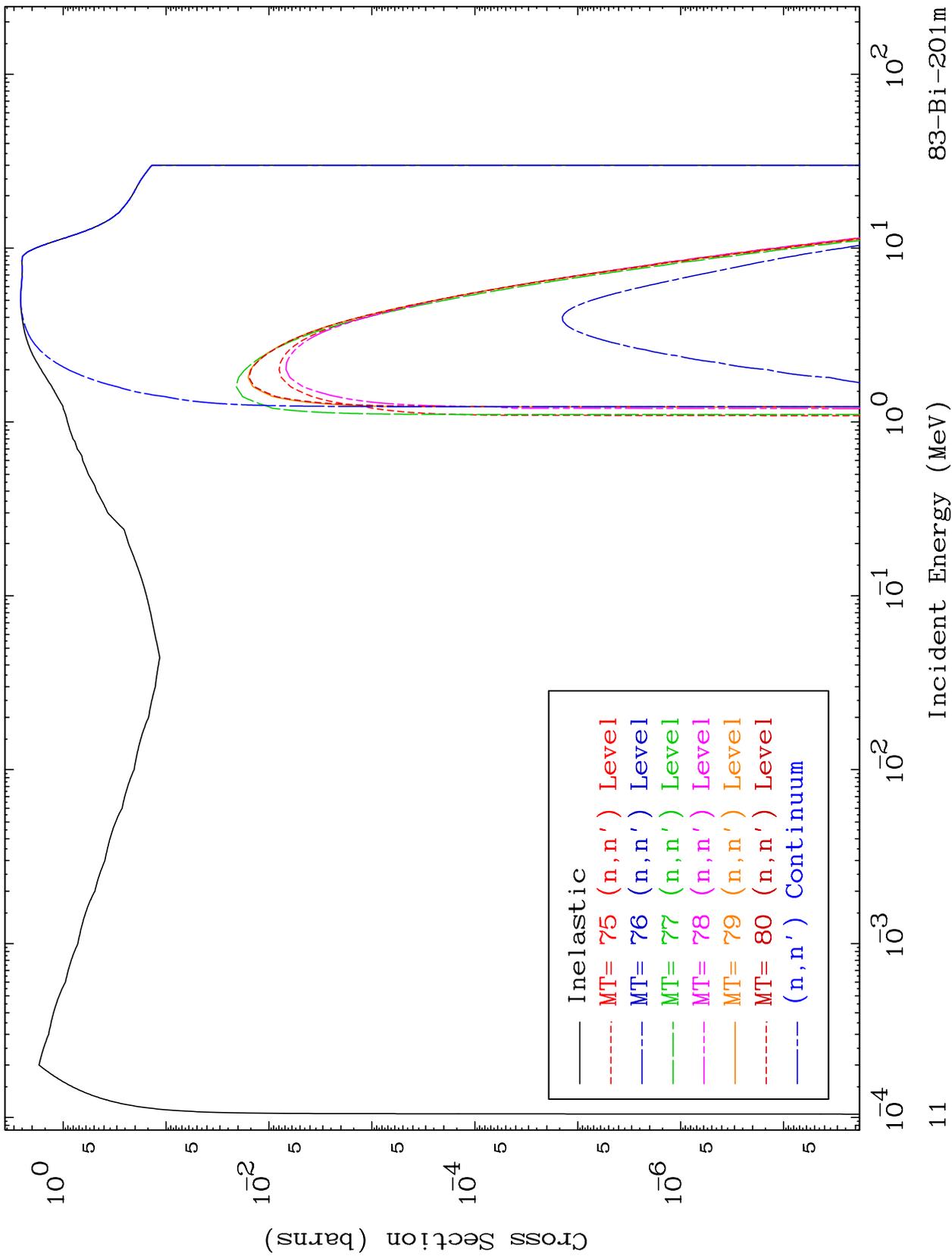
83-Bi-201m

Incident Energy (MeV)

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(n,n') Levels
293 Kelvin Cross Sections

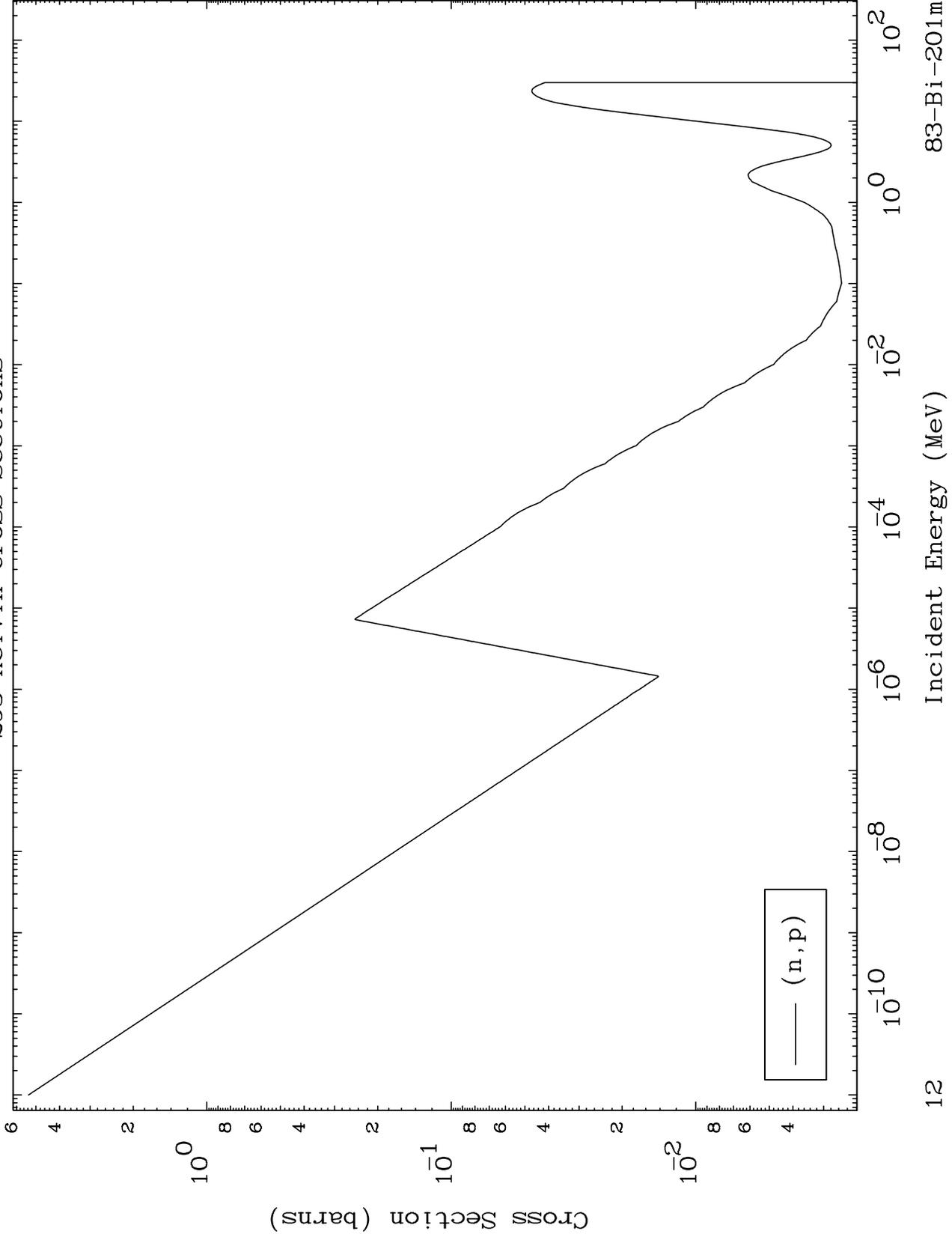
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(n,p) Levels
293 Kelvin Cross Sections

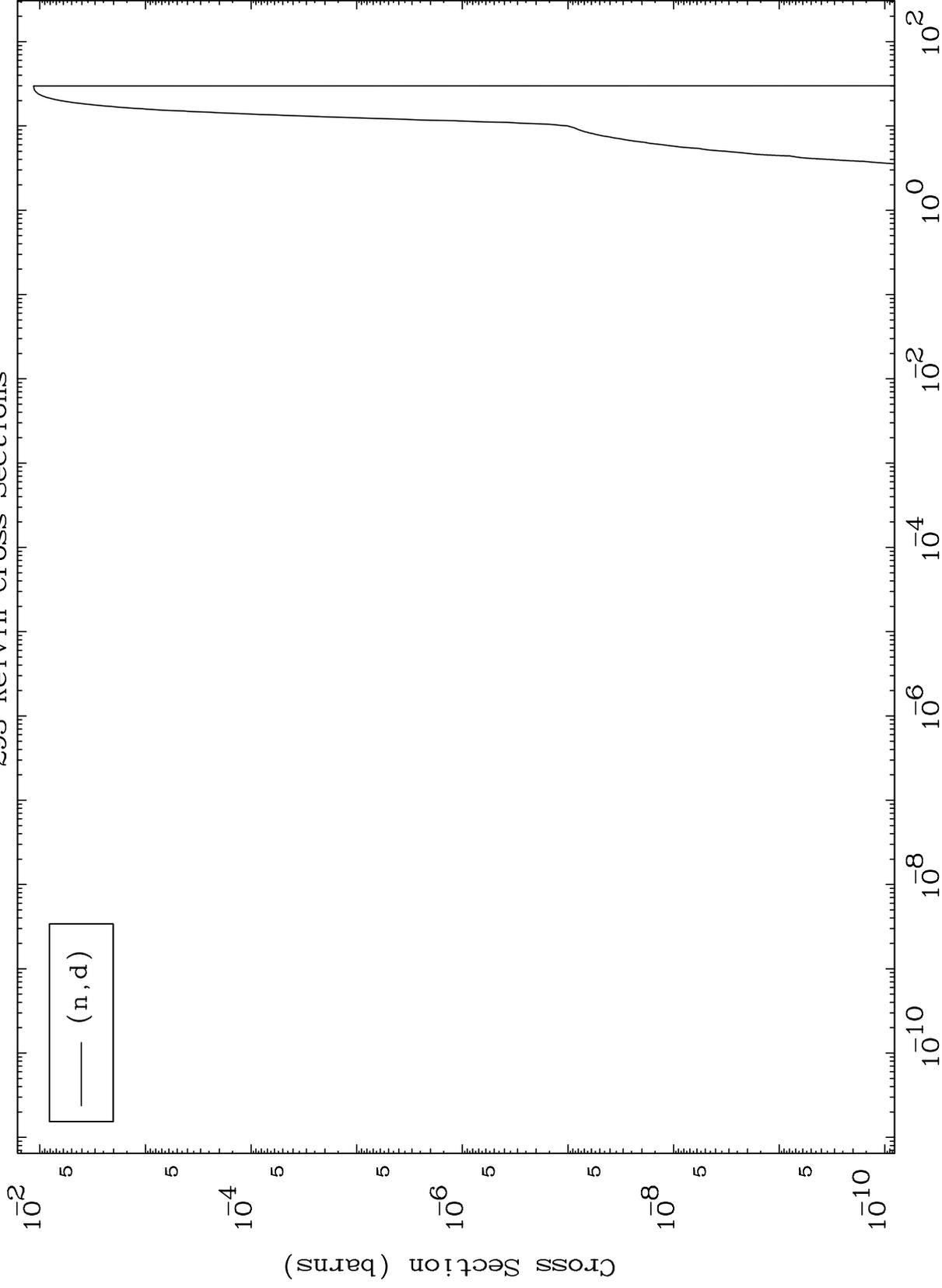
83-Bi-201m



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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-201m



83-Bi-201m

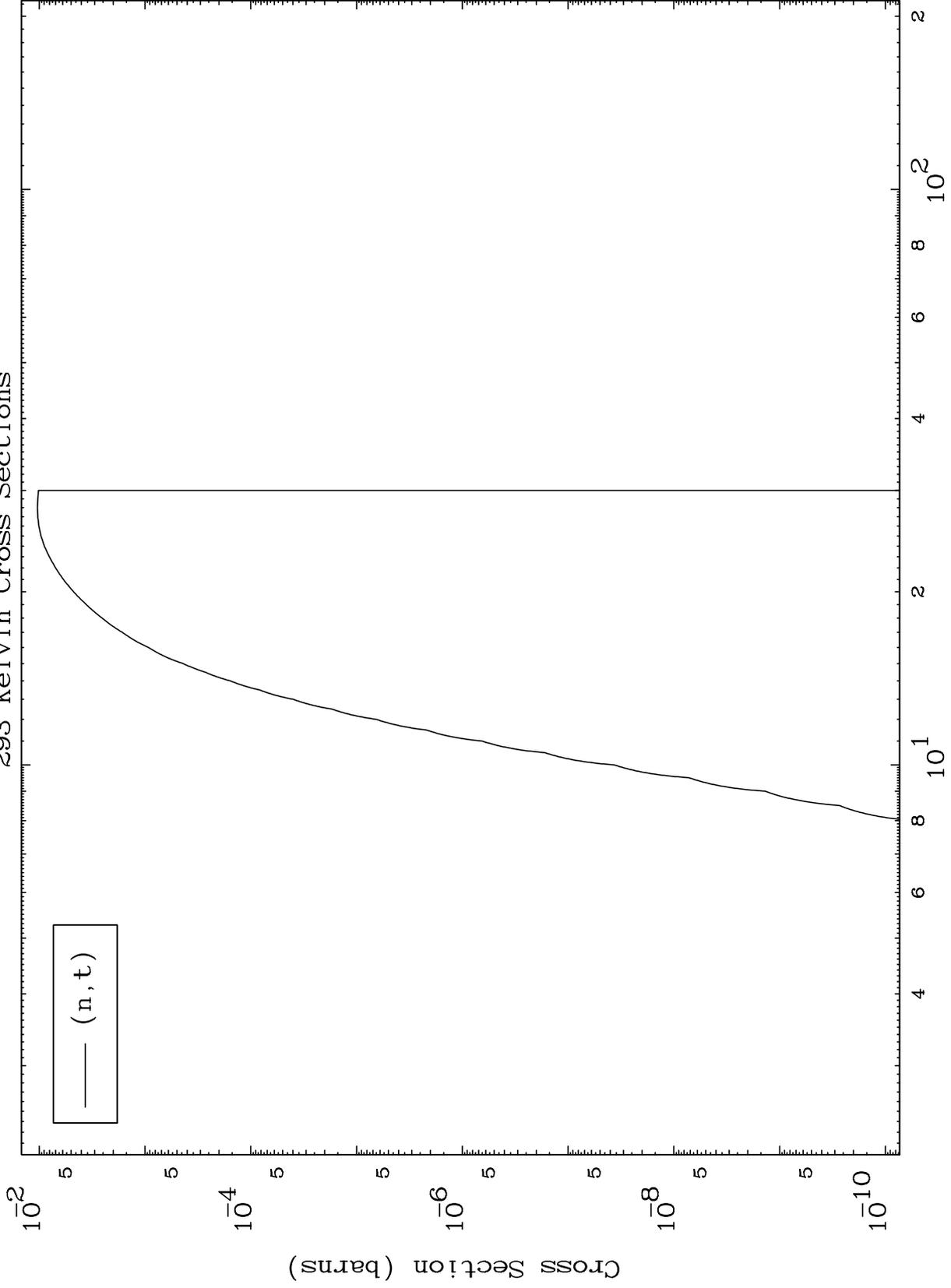
Incident Energy (MeV)

13

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(n,t) Levels
293 Kelvin Cross Sections

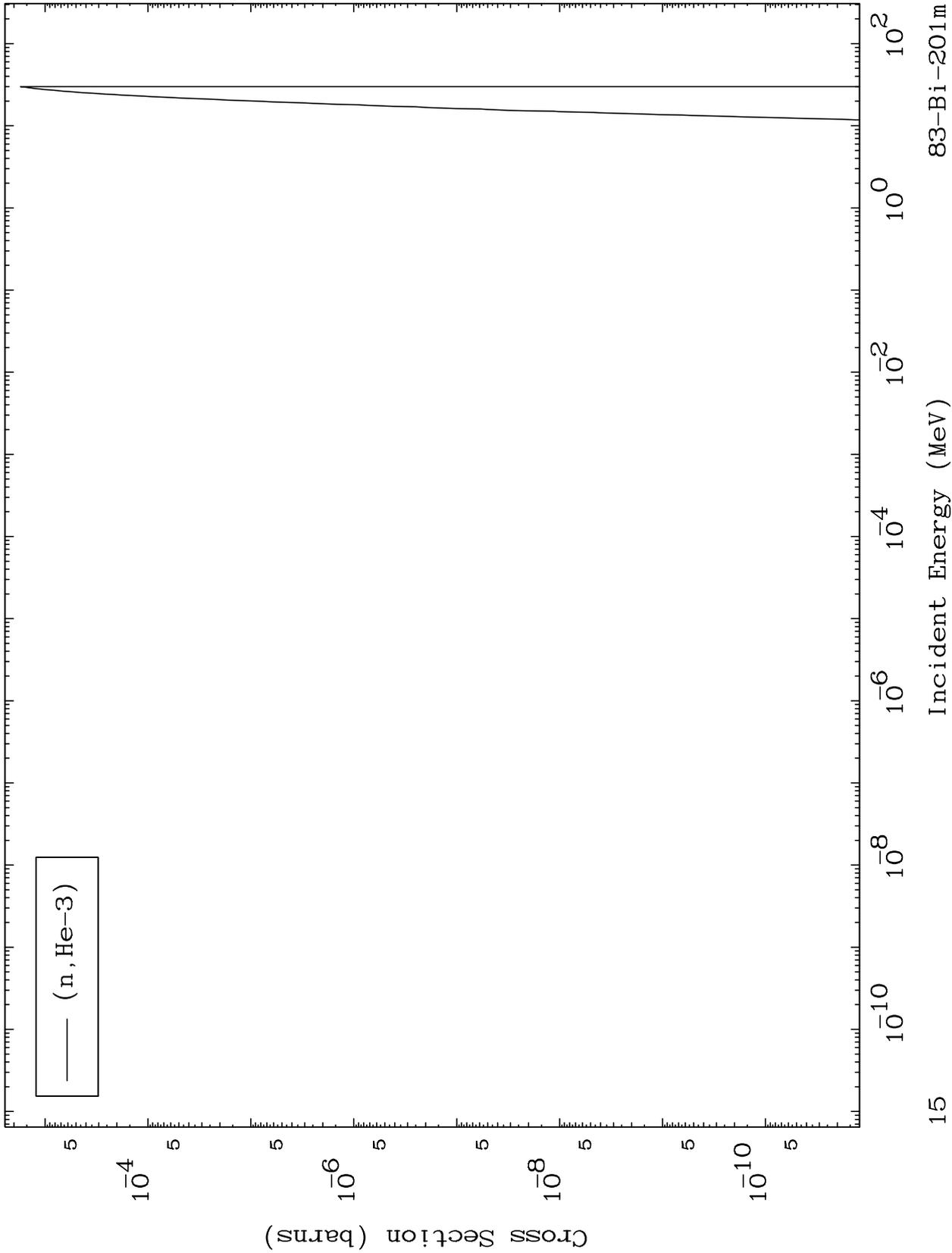
83-Bi-201m



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(n,He3) Levels
293 Kelvin Cross Sections

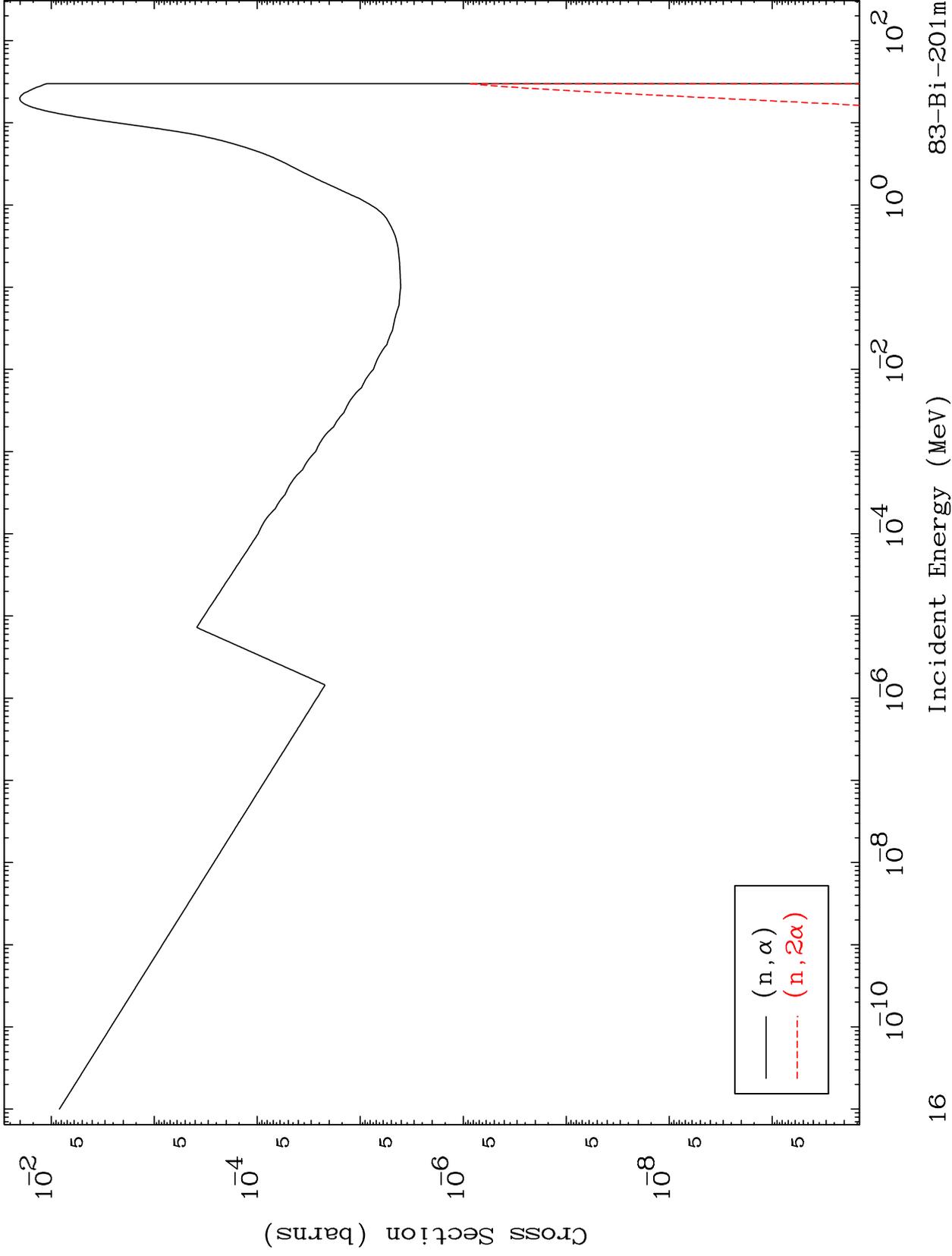
83-Bi-201m



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(n, α) Levels
293 Kelvin Cross Sections

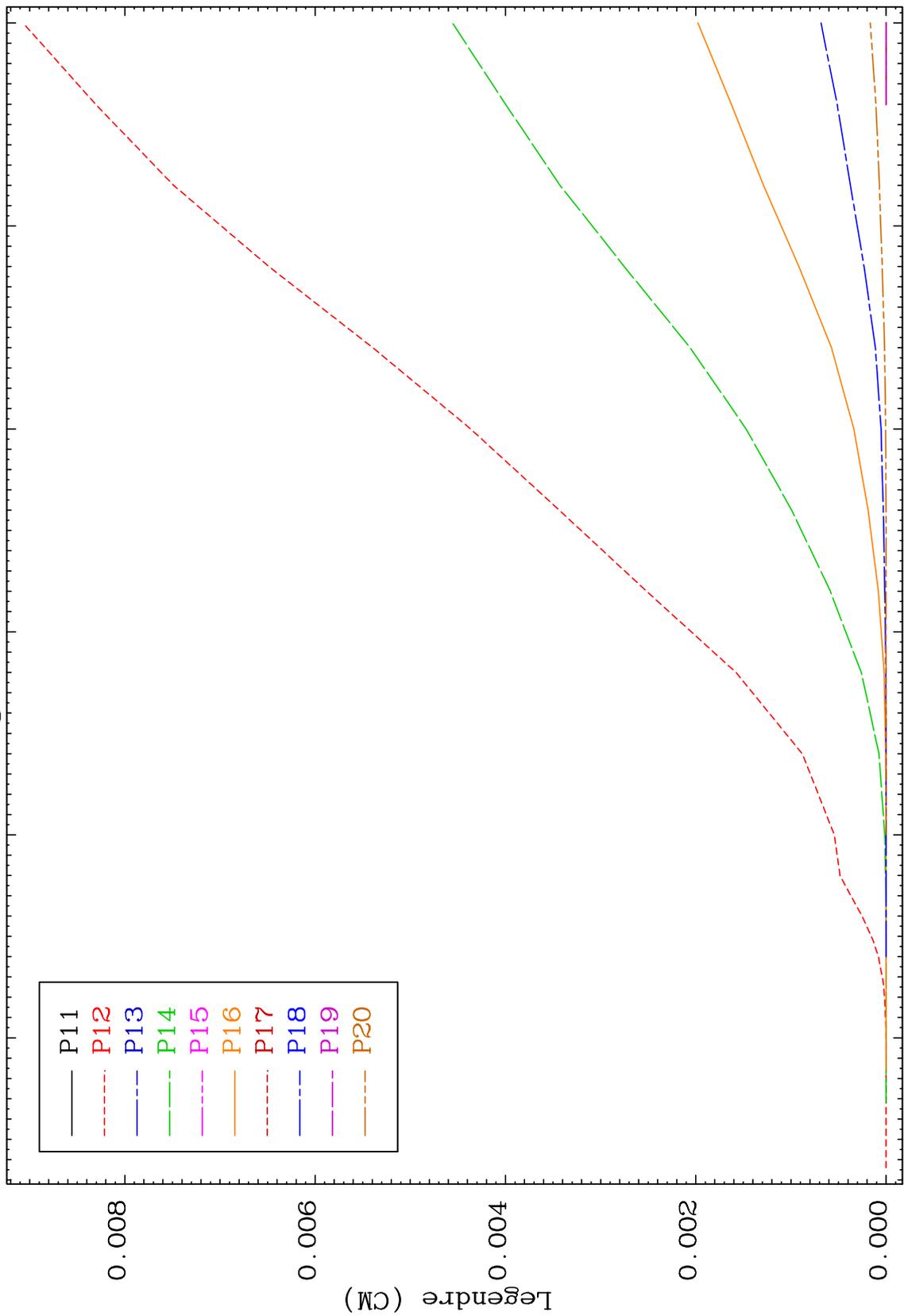
83-Bi-201m



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Elastic
Legendre Coefficients

83-Bi-201m



18

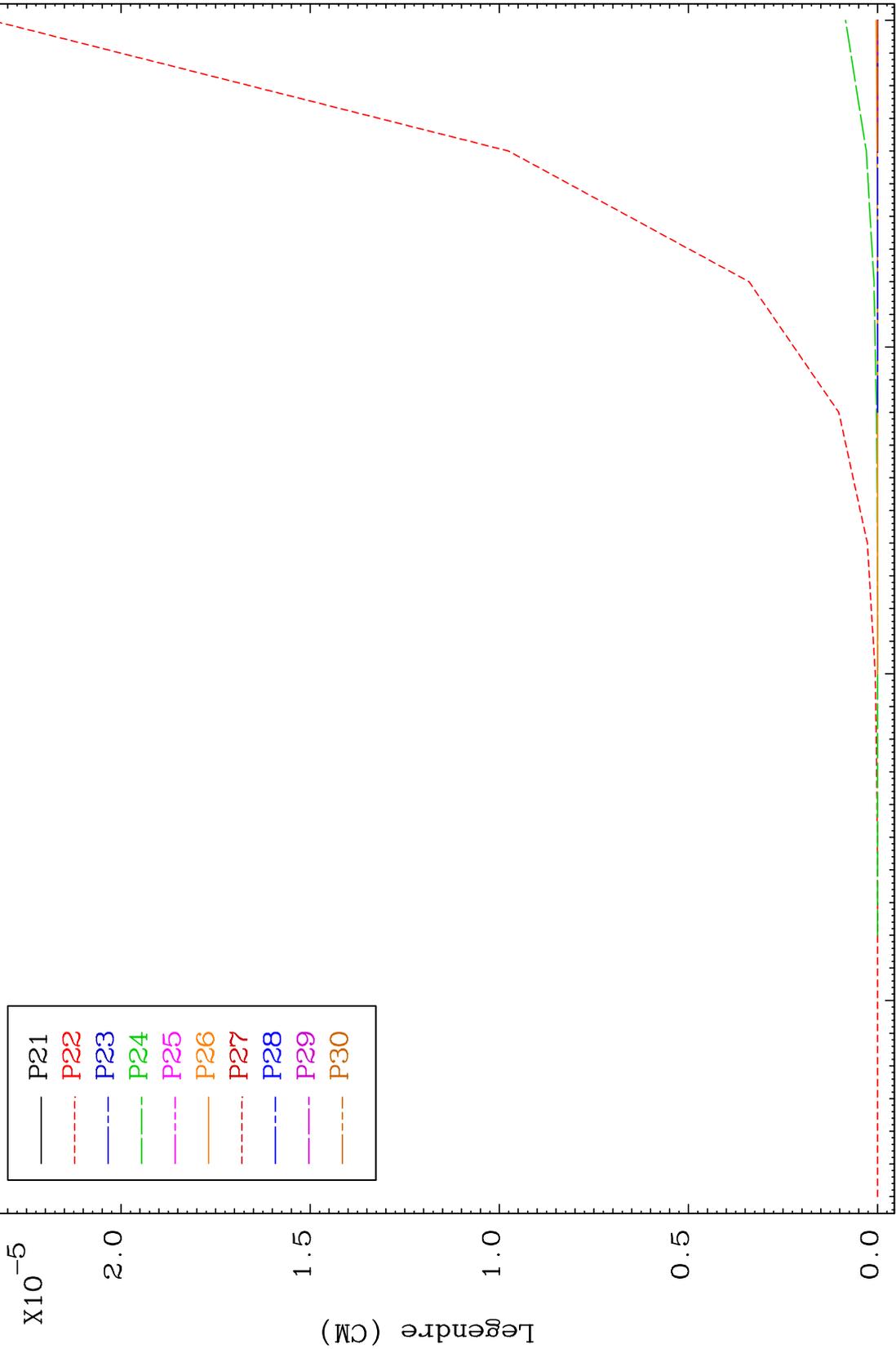
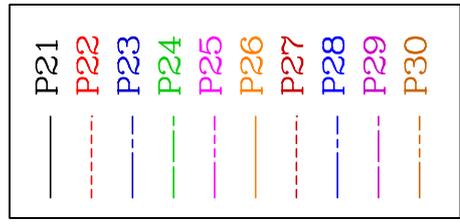
Incident Energy (MeV)

83-Bi-201m

MAT 8302

Elastic Legendre Coefficients

83-Bi-201m



19

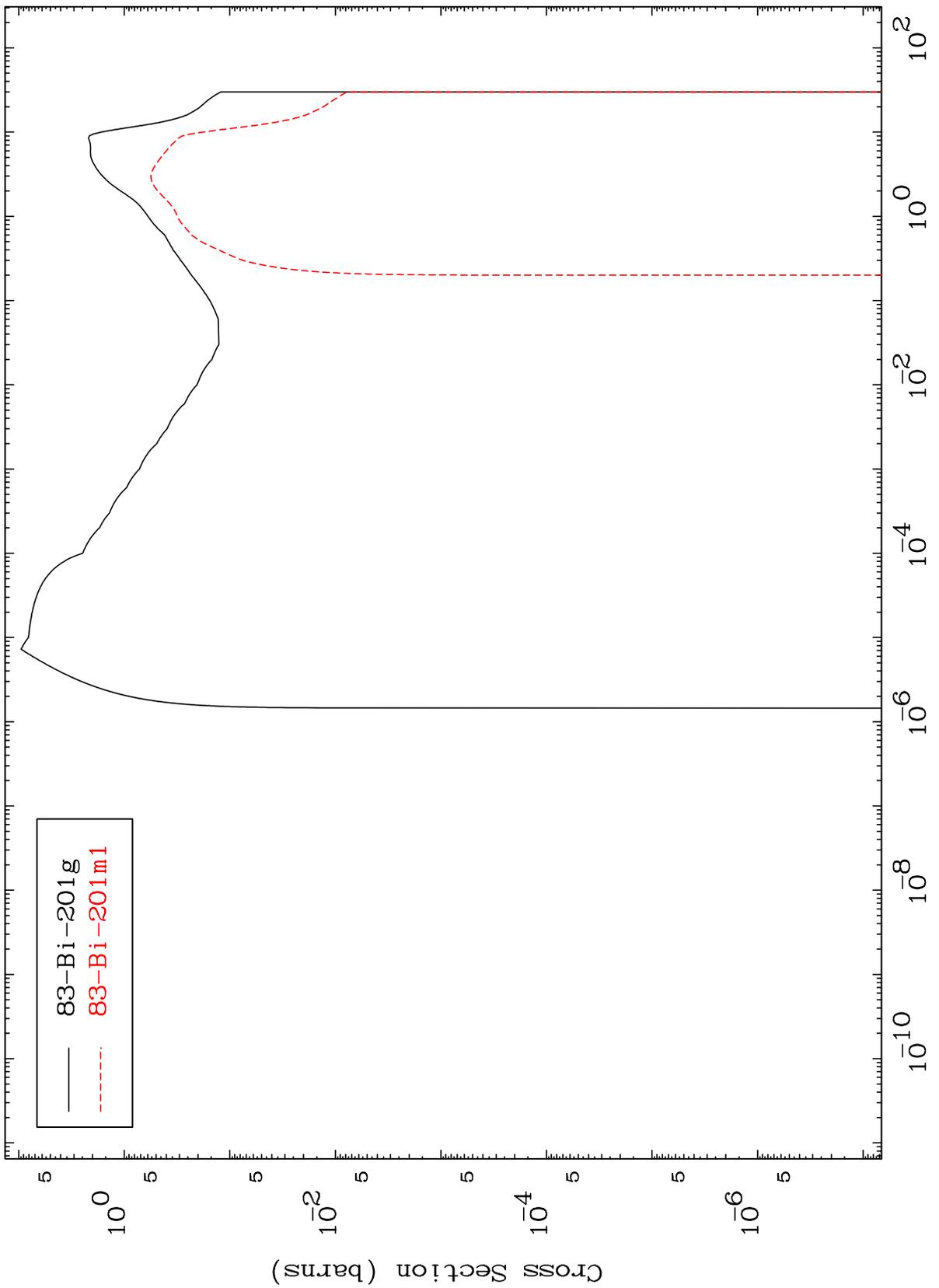
Incident Energy (MeV)

83-Bi-201m

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83-Bi-201m

Radionuclide Production Cross Section

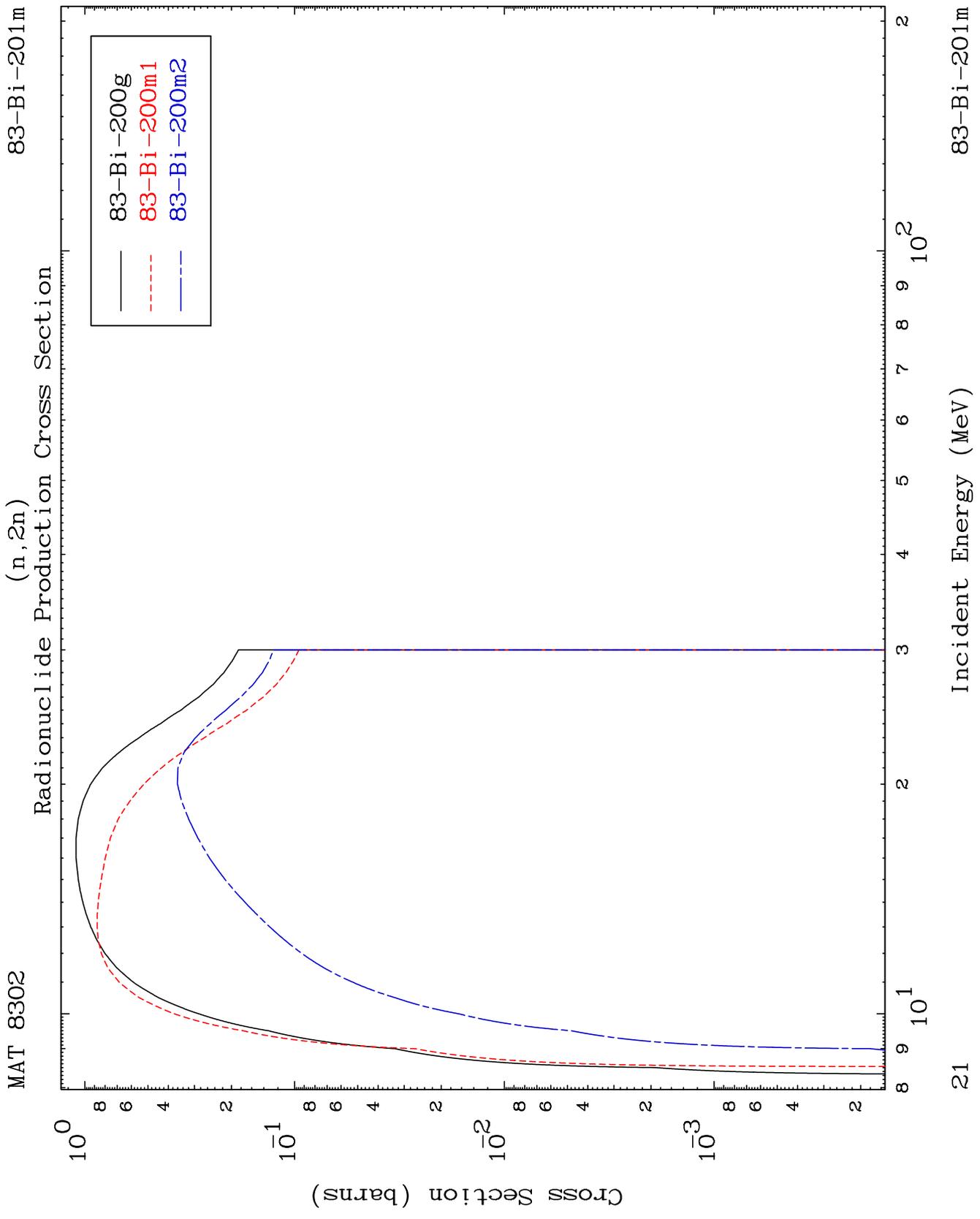


83-Bi-201g
83-Bi-201m1

20

83-Bi-201m

Incident Energy (MeV)

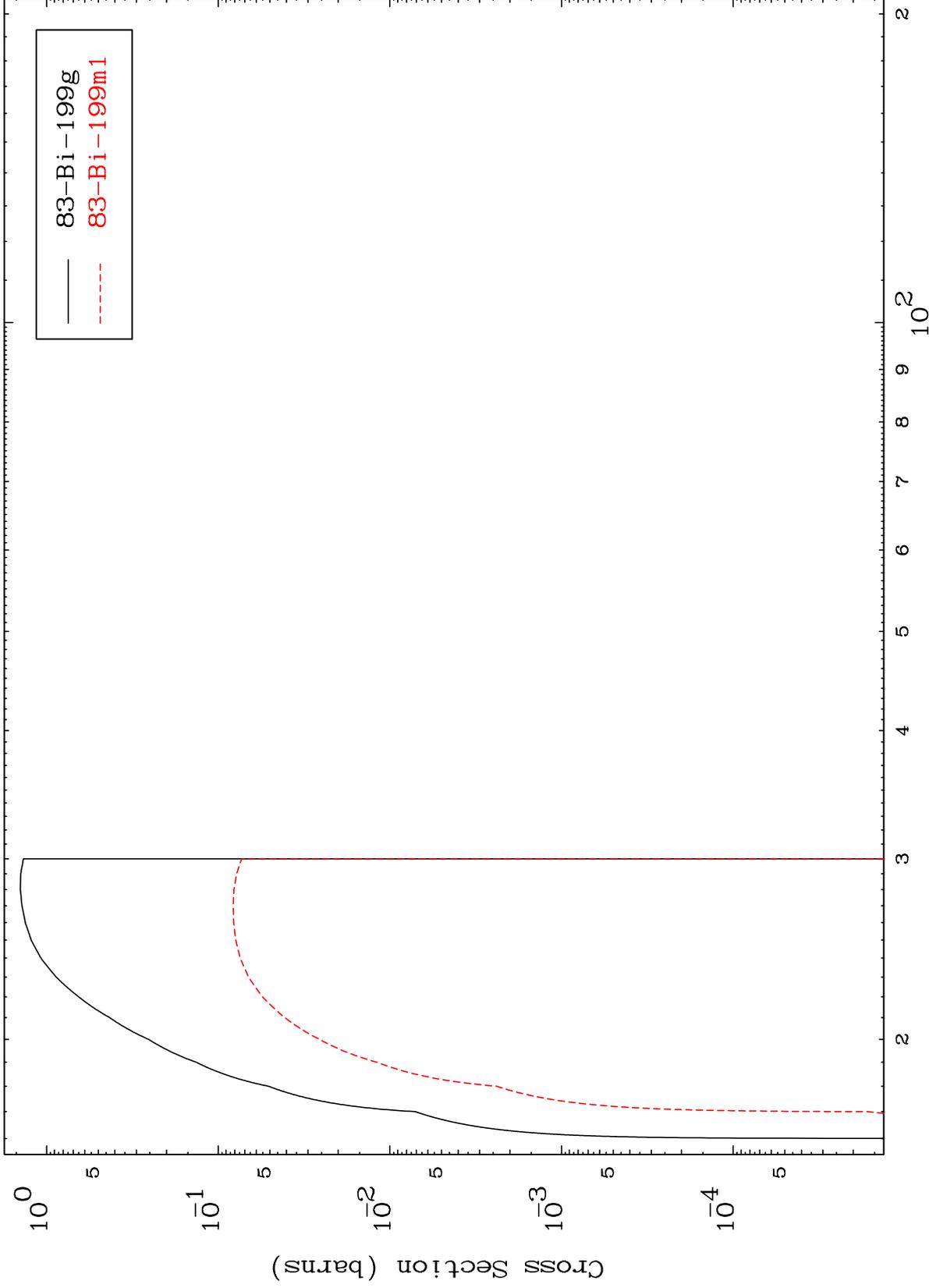


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(n,3n)

83-Bi-201m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

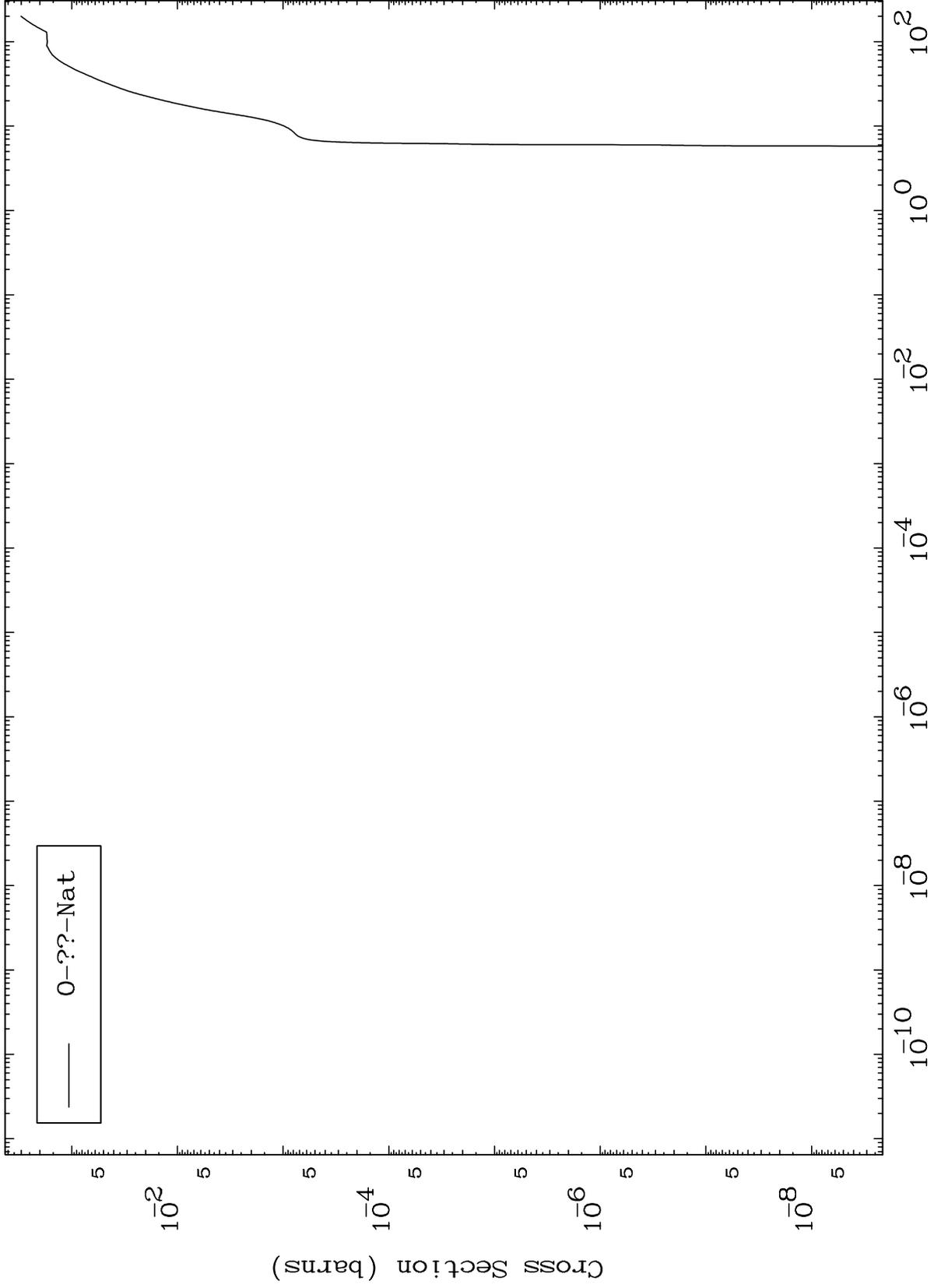
83-Bi-201m

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Fission

83-Bi-201m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

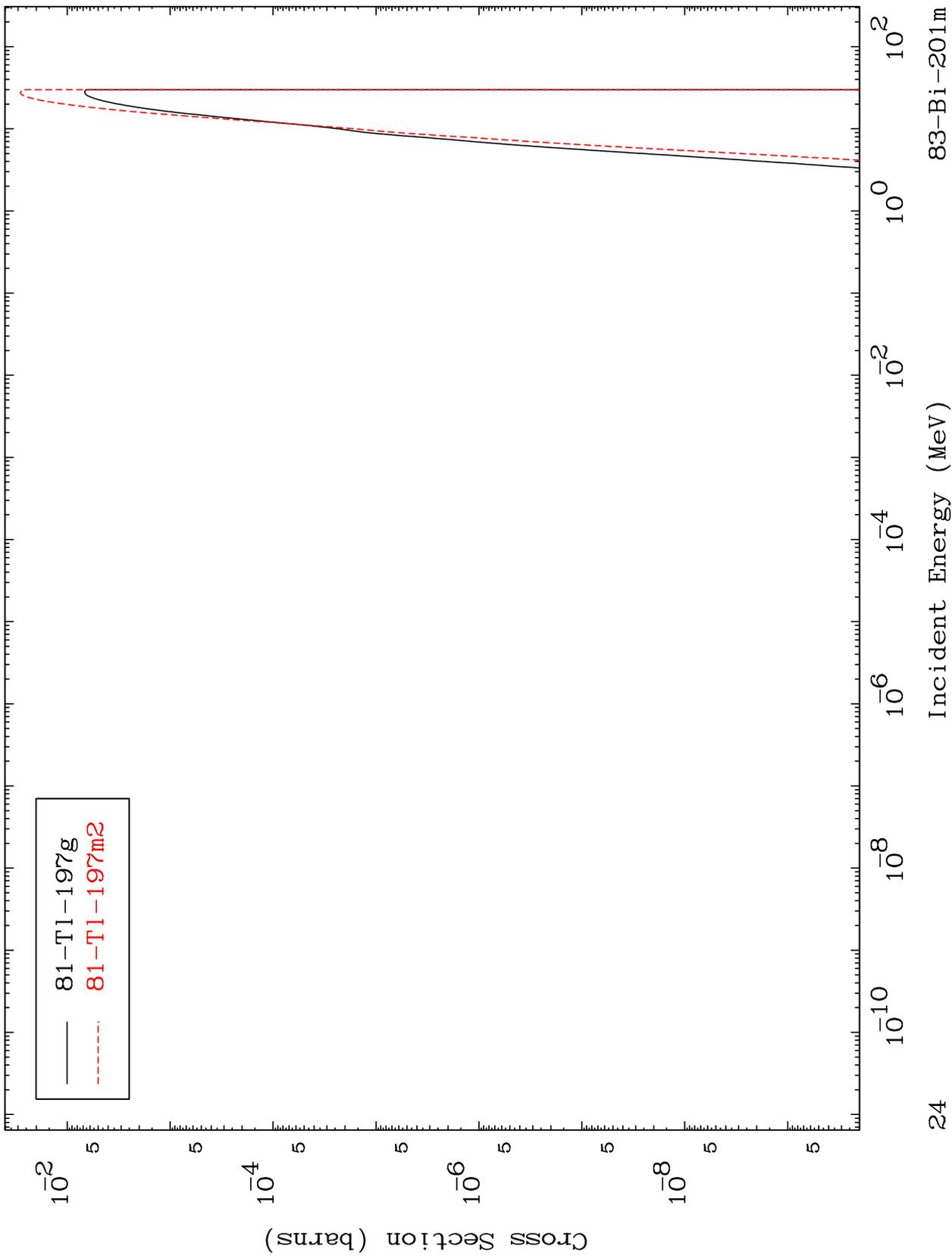
83-Bi-201m

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$(n, n') \alpha$

83-Bi-201m

Radionuclide Production Cross Section

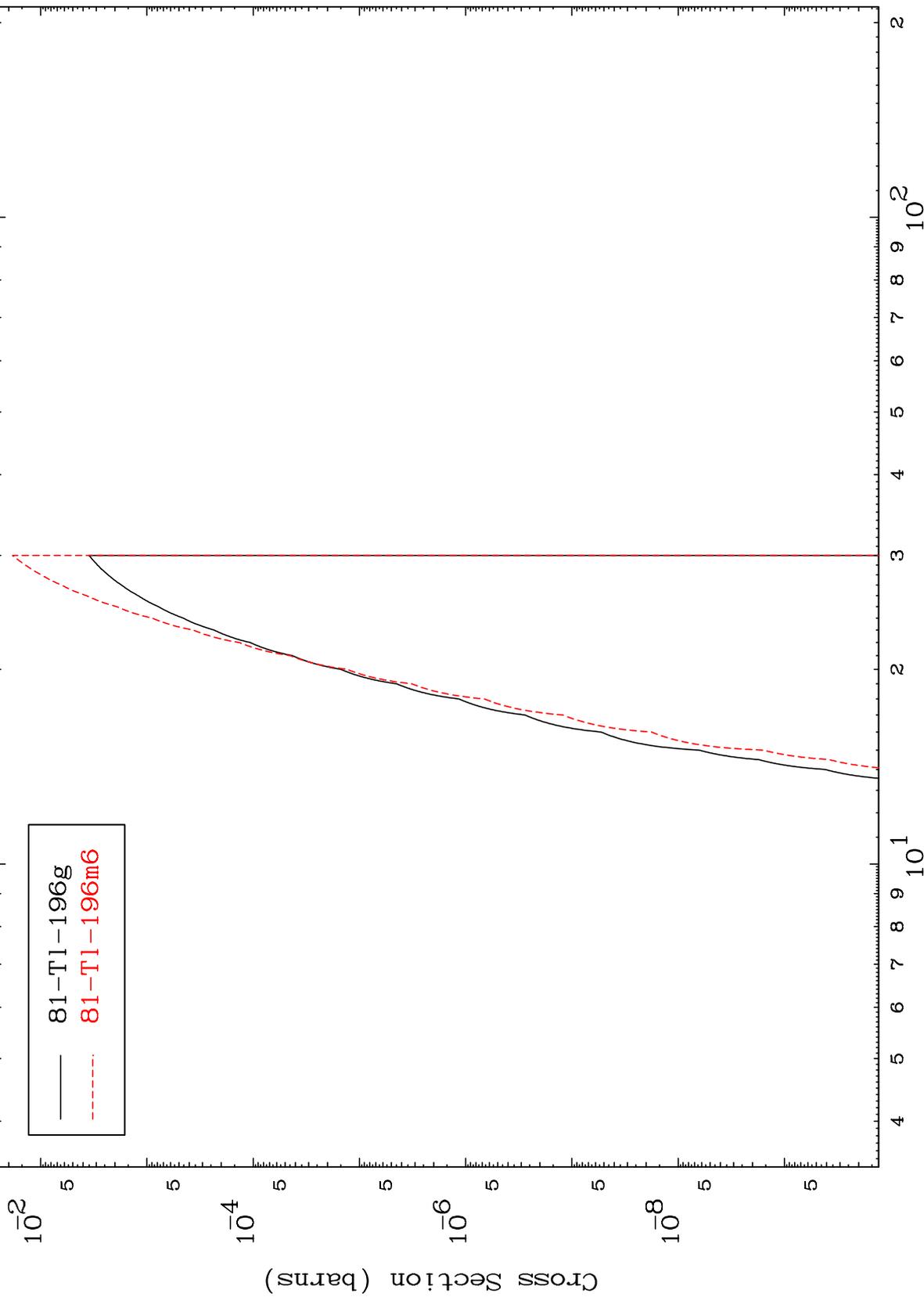


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$(n,2n) \alpha$

83-Bi-201m

Radionuclide Production Cross Section



25

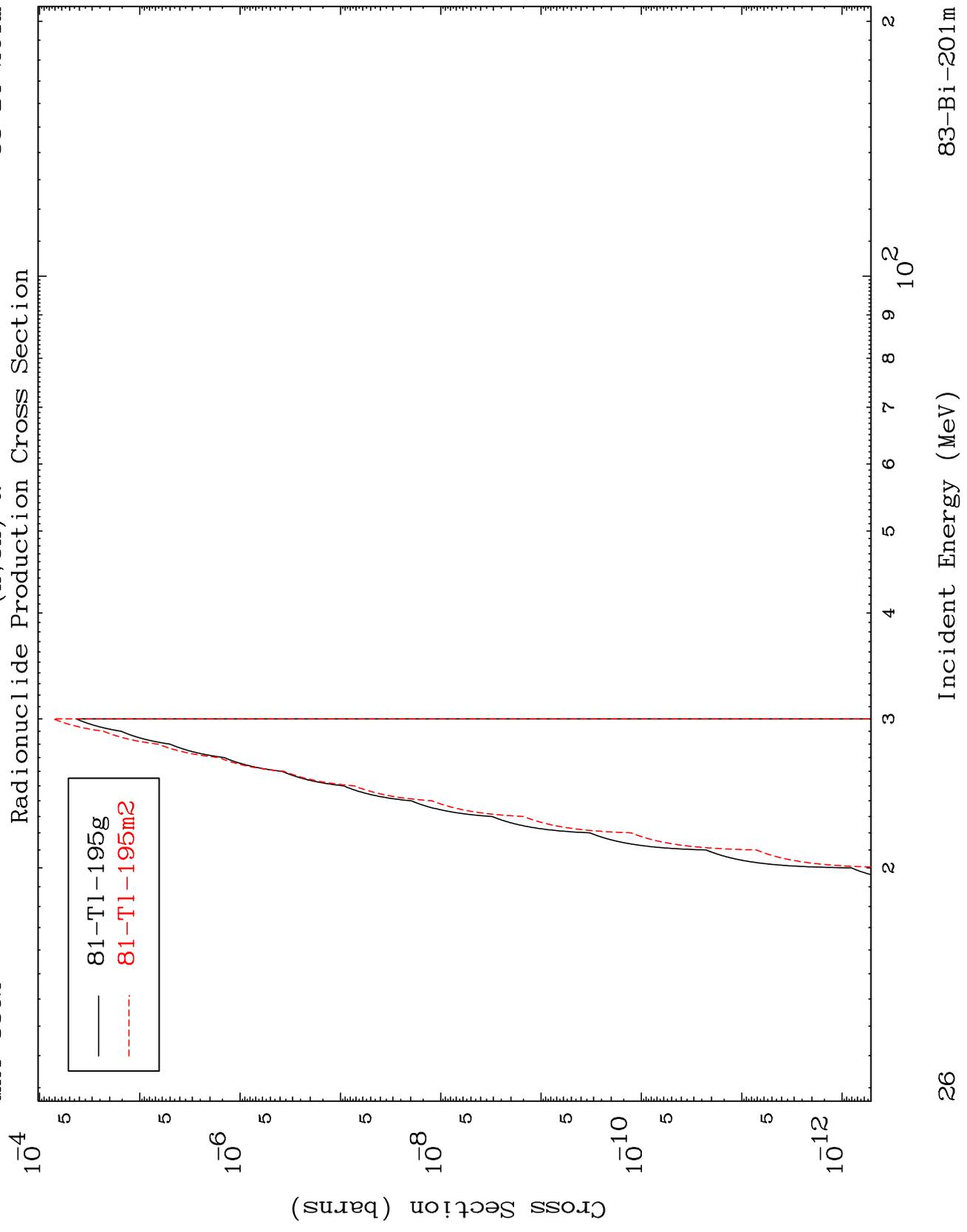
Incident Energy (MeV)

83-Bi-201m

MAT 8302

$(n,3n) \alpha$

83-Bi-201m

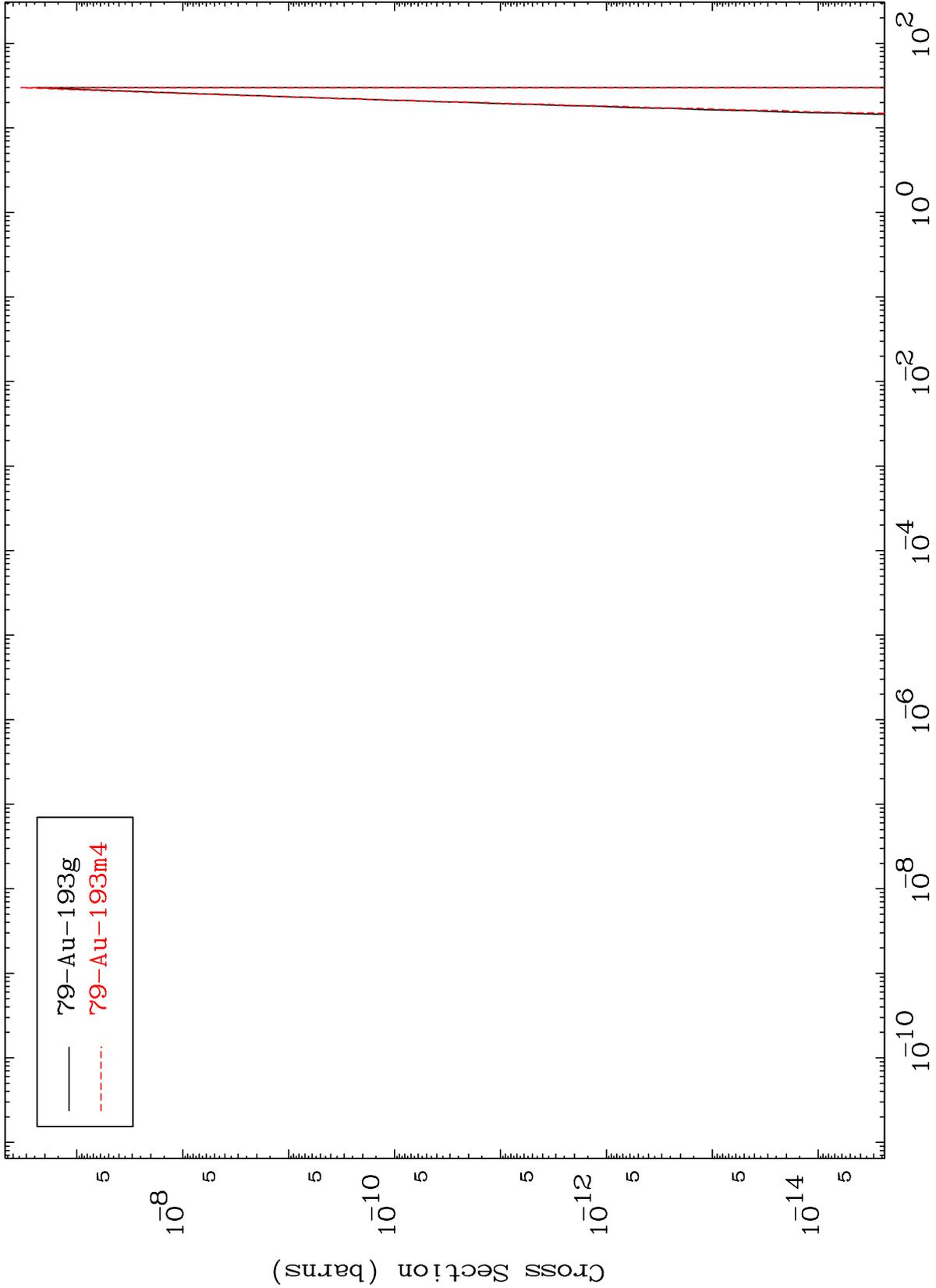


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(n,n') 2 α

83-Bi-201m

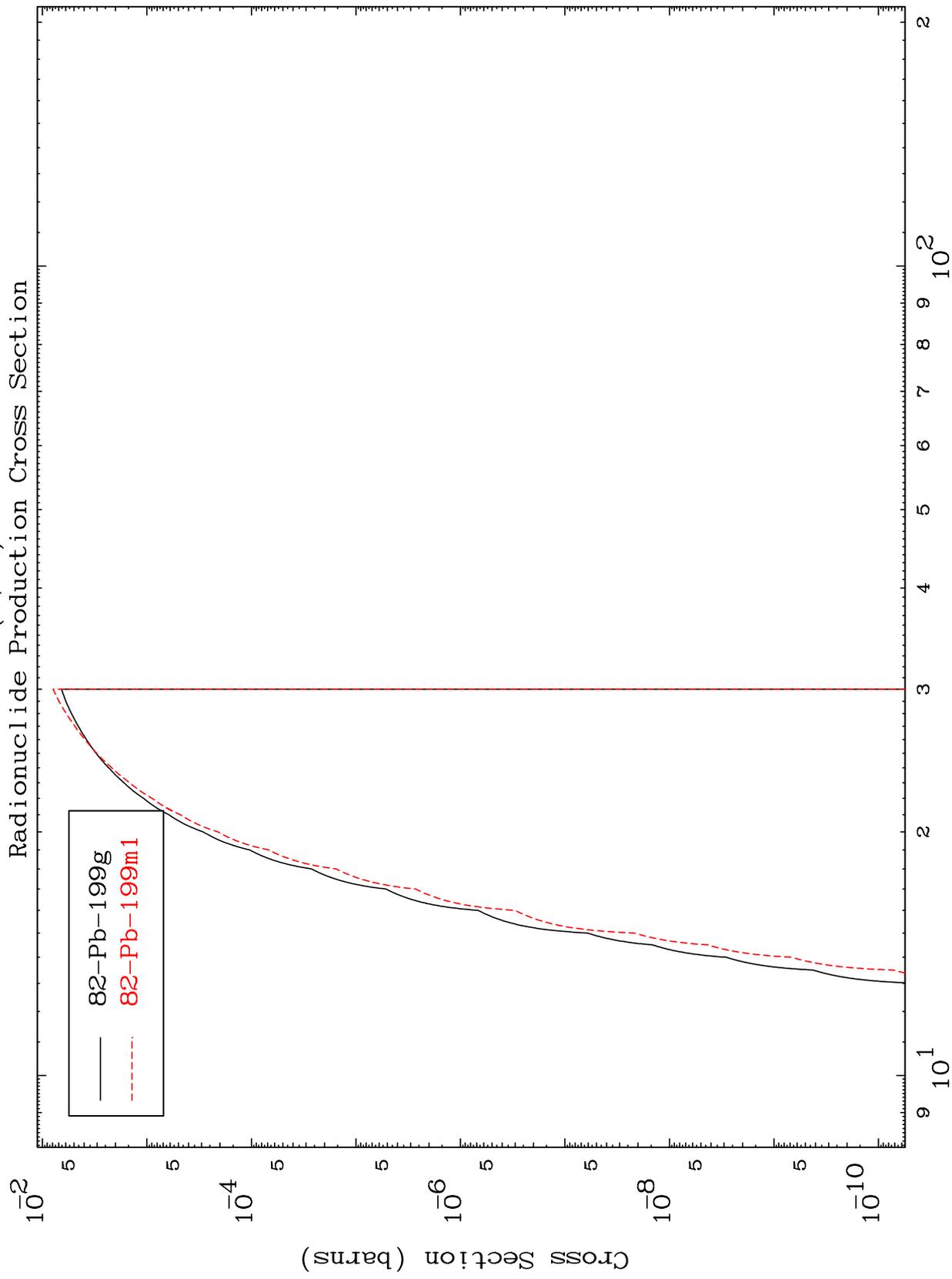
Radionuclide Production Cross Section



MAT 8302

(n,n') d

83-Bi-201m



28

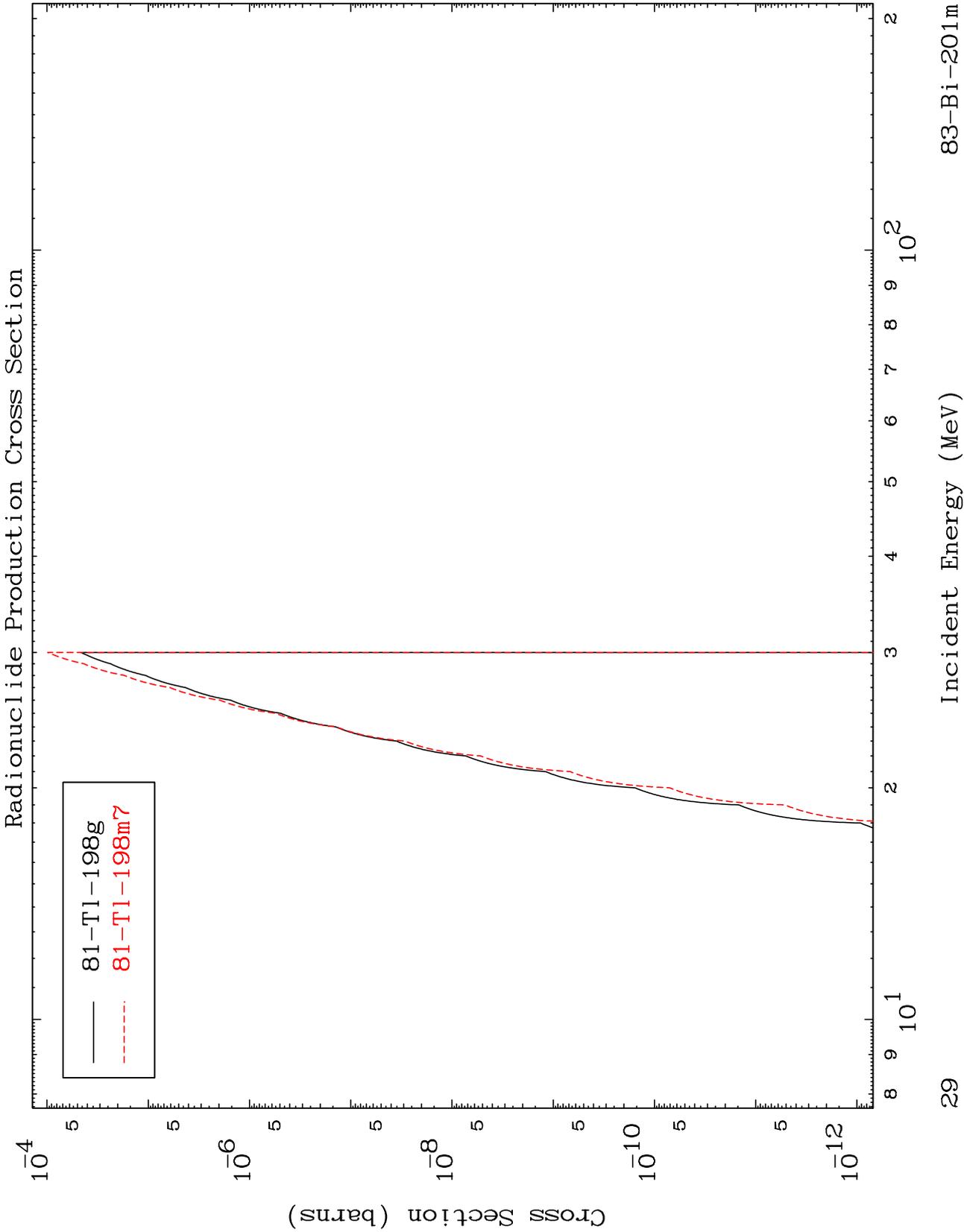
Incident Energy (MeV)

83-Bi-201m

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(n,n') He-3

83-Bi-201m

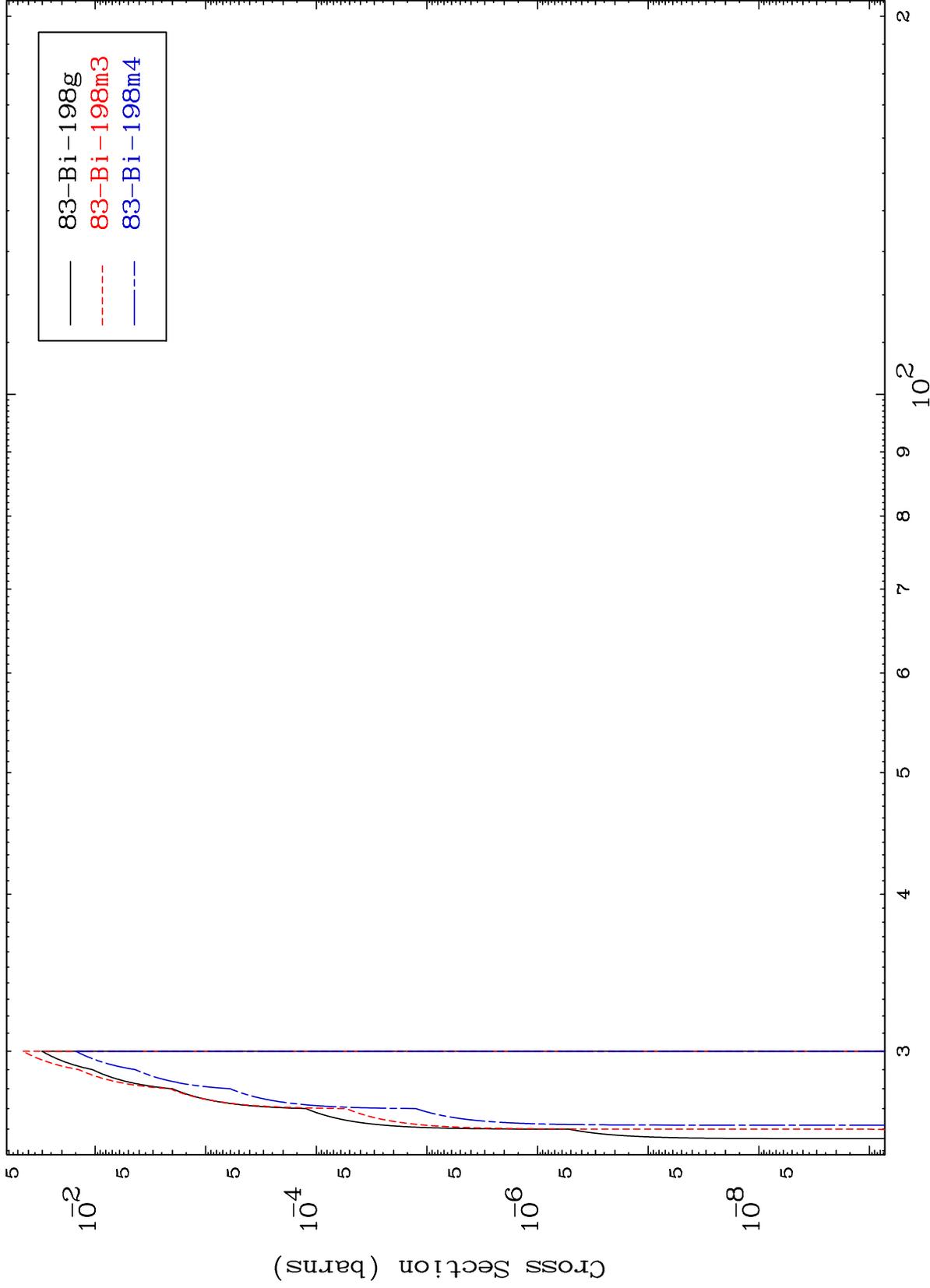


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^{83}Bi -201m

(n,4n)

Radionuclide Production Cross Section



^{83}Bi -201m

Incident Energy (MeV)

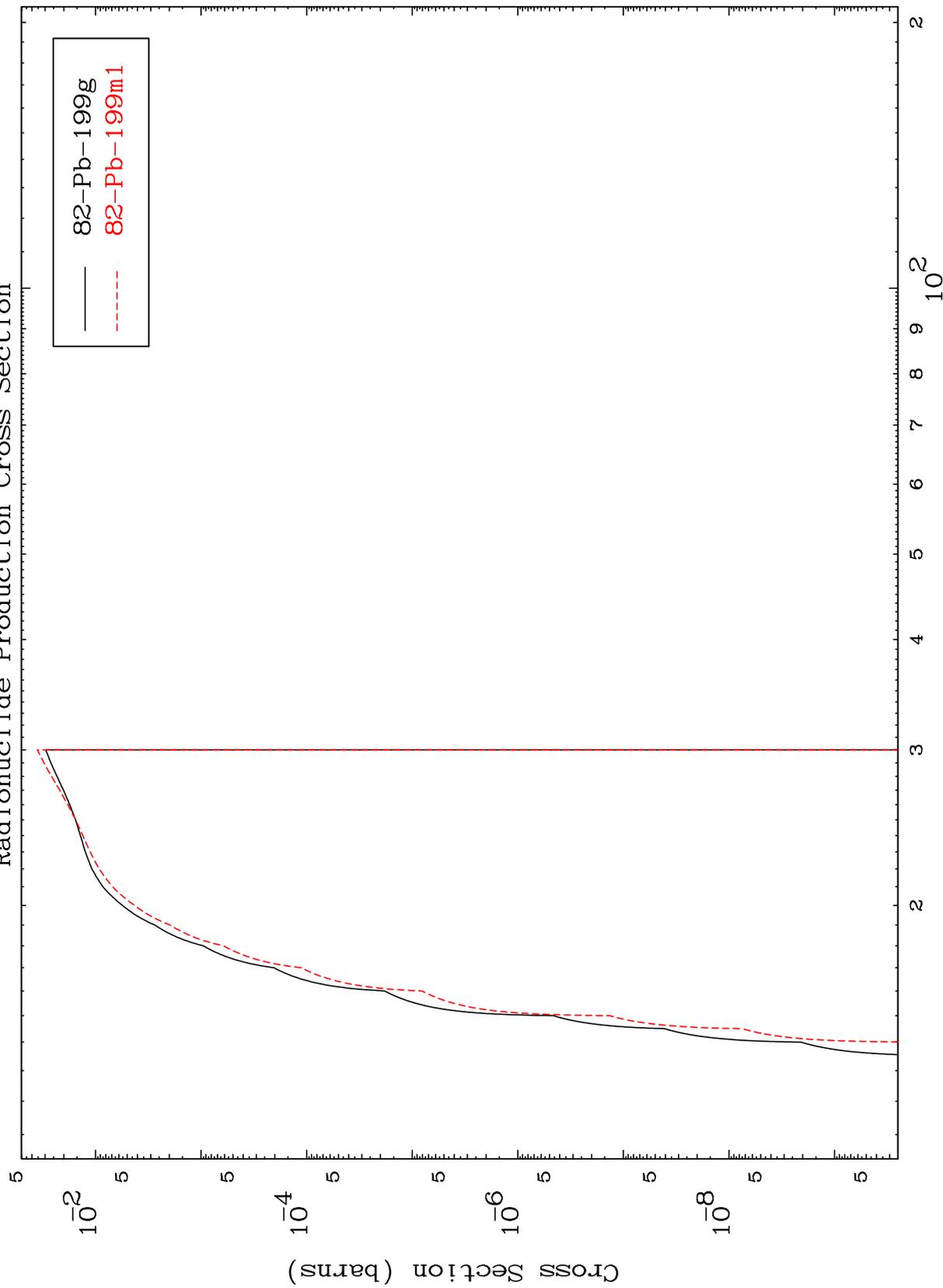
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83-Bi-201m

(n,2n) p

Radionuclide Production Cross Section



Incident Energy (MeV)

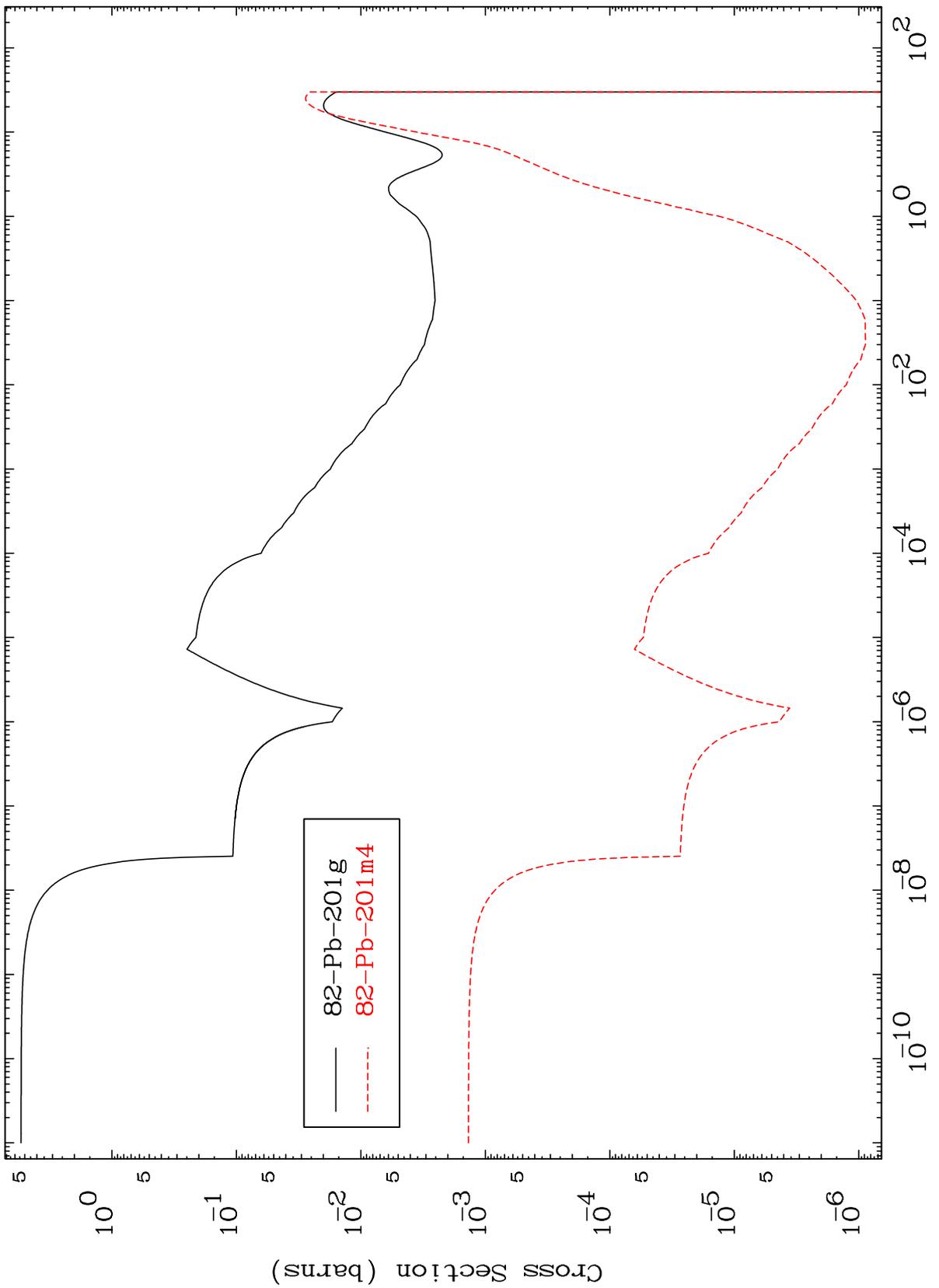
83-Bi-201m

31

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83-Bi-201m

Radionuclide Production Cross Section



32

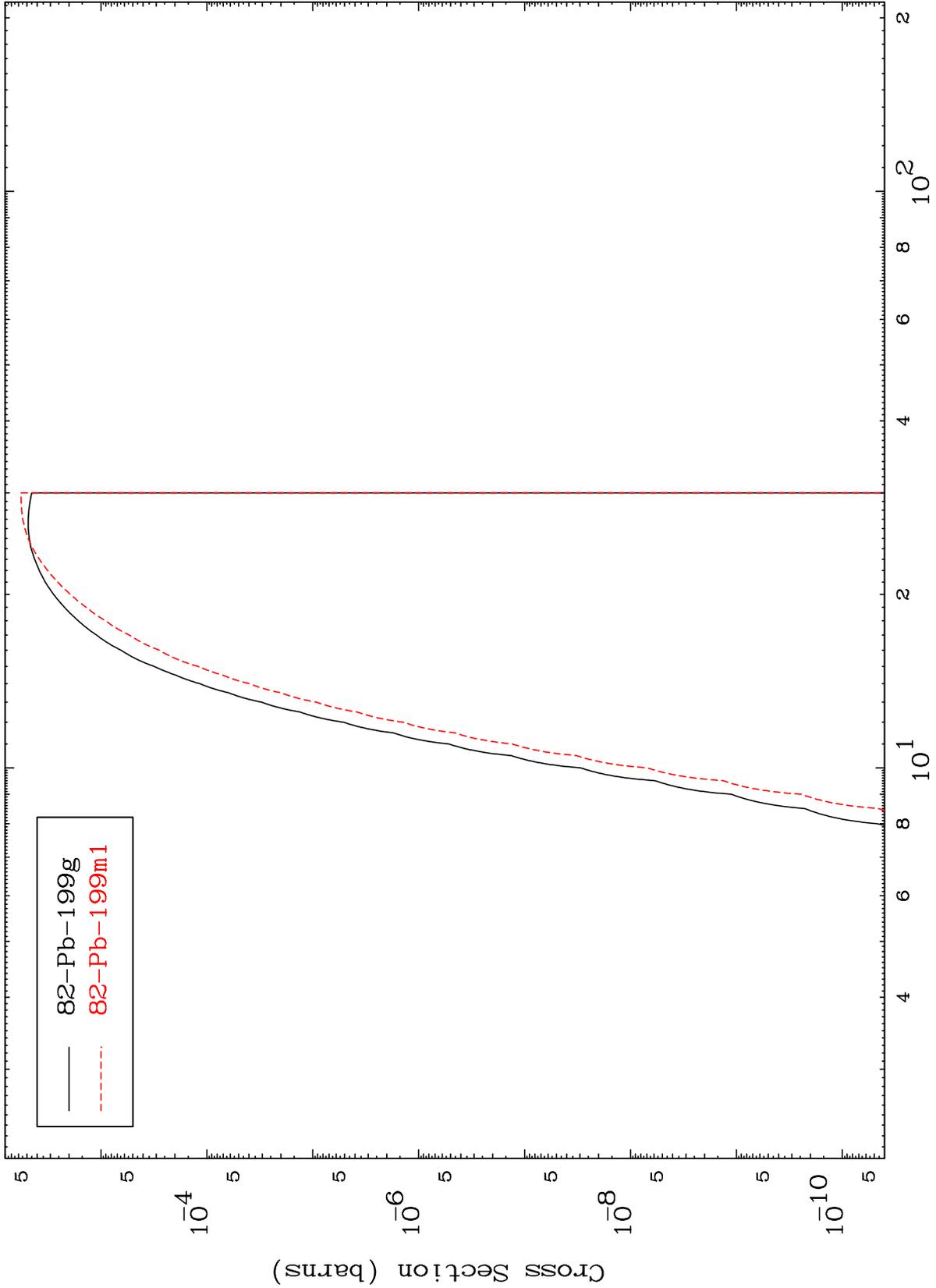
83-Bi-201m

Incident Energy (MeV)

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⁸³Bi-201m

(n, t)
Radionuclide Production Cross Section



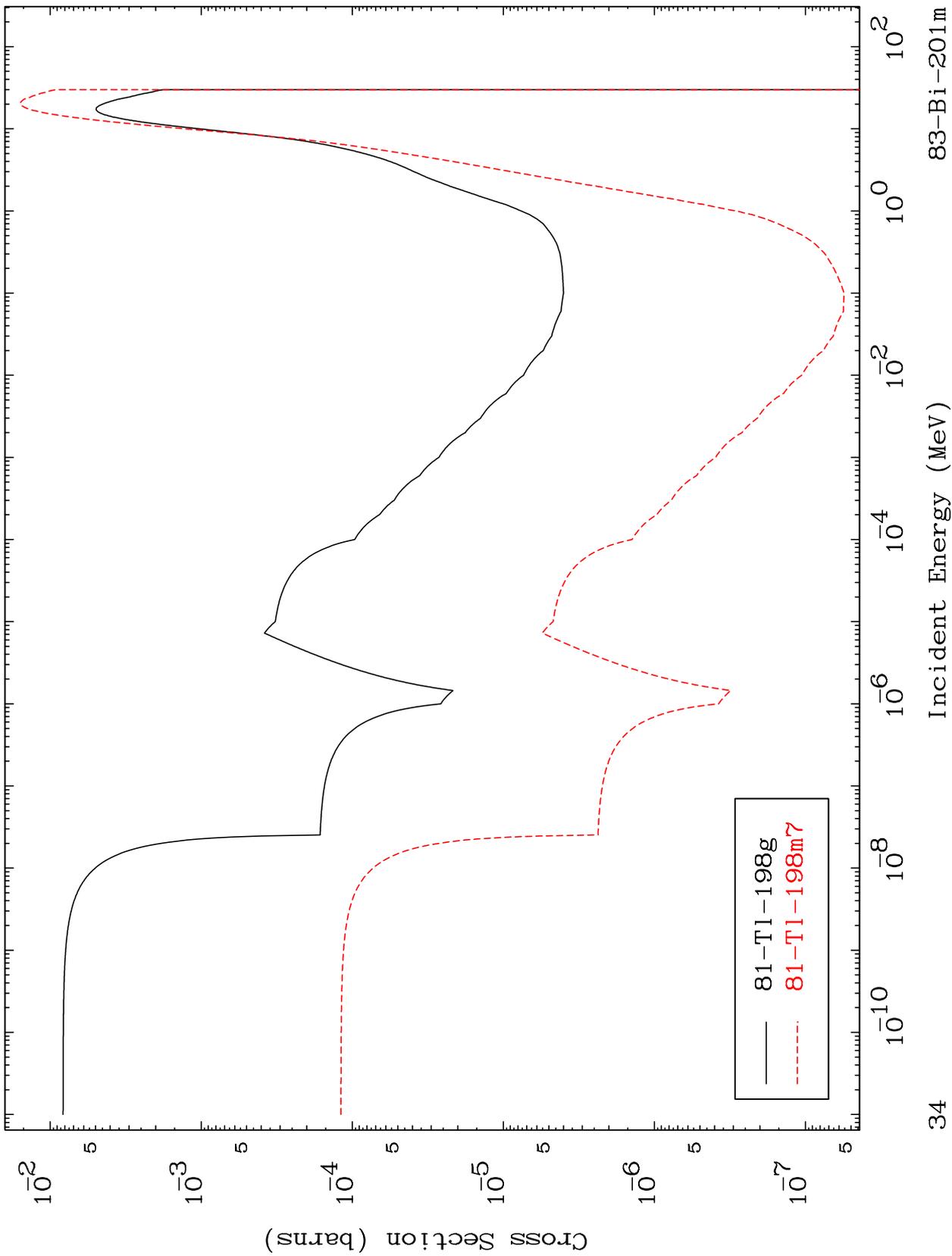
⁸³Bi-201m

Incident Energy (MeV)

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83-Bi-201m

(n, α)
Radionuclide Production Cross Section

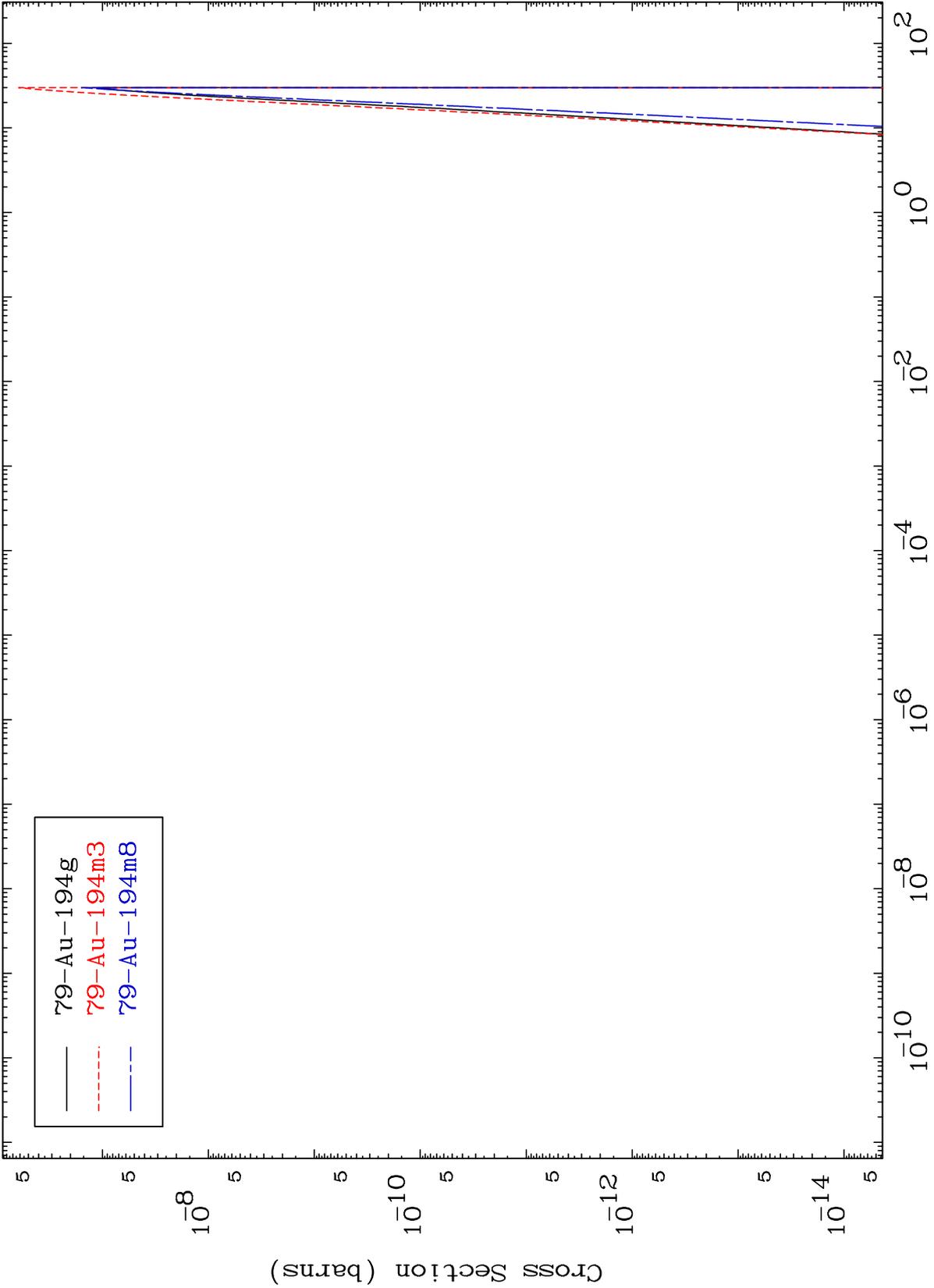


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(n,2α)

83-Bi-201m

Radionuclide Production Cross Section

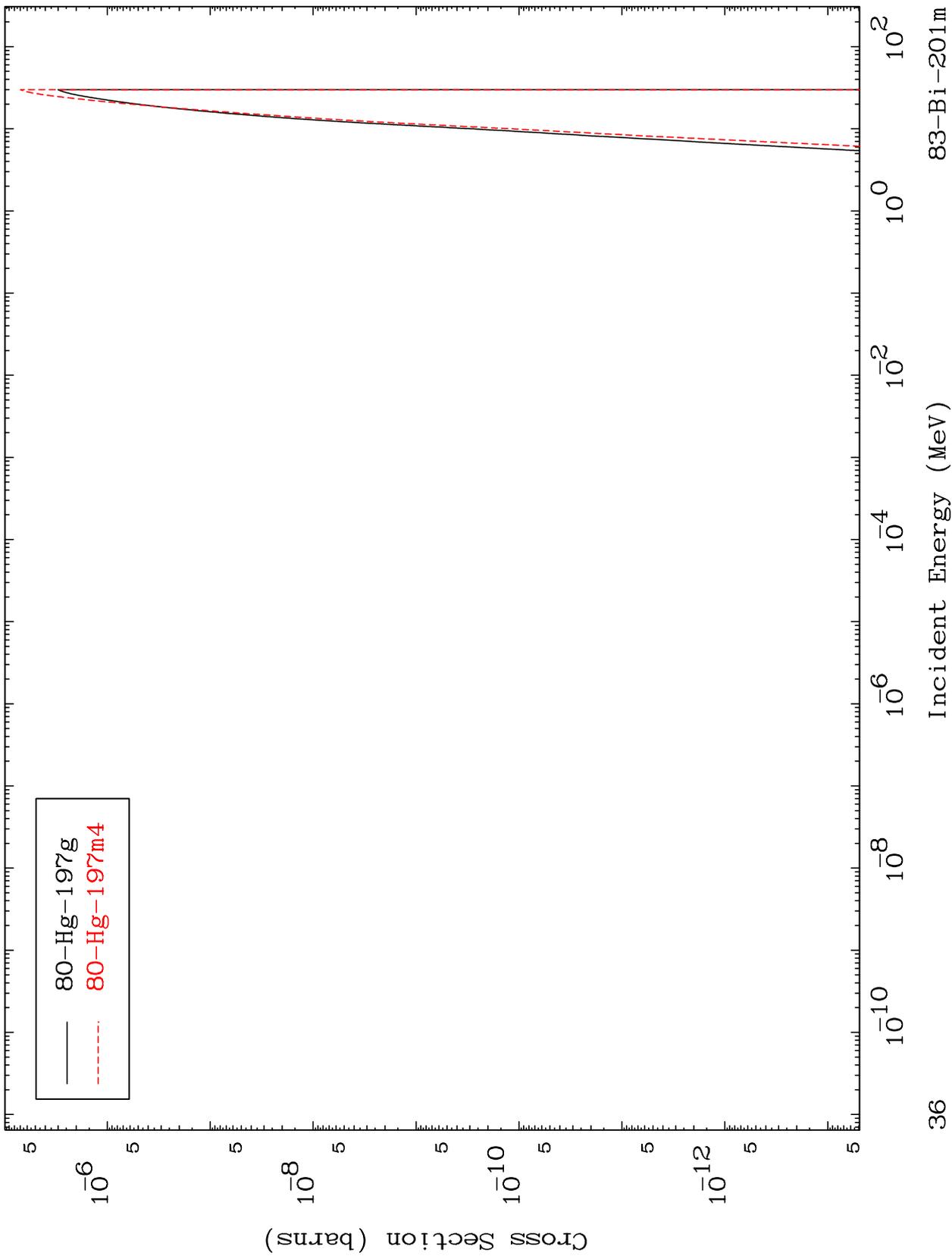


MAT 8302

(n,p) α

83-Bi-201m

Radionuclide Production Cross Section



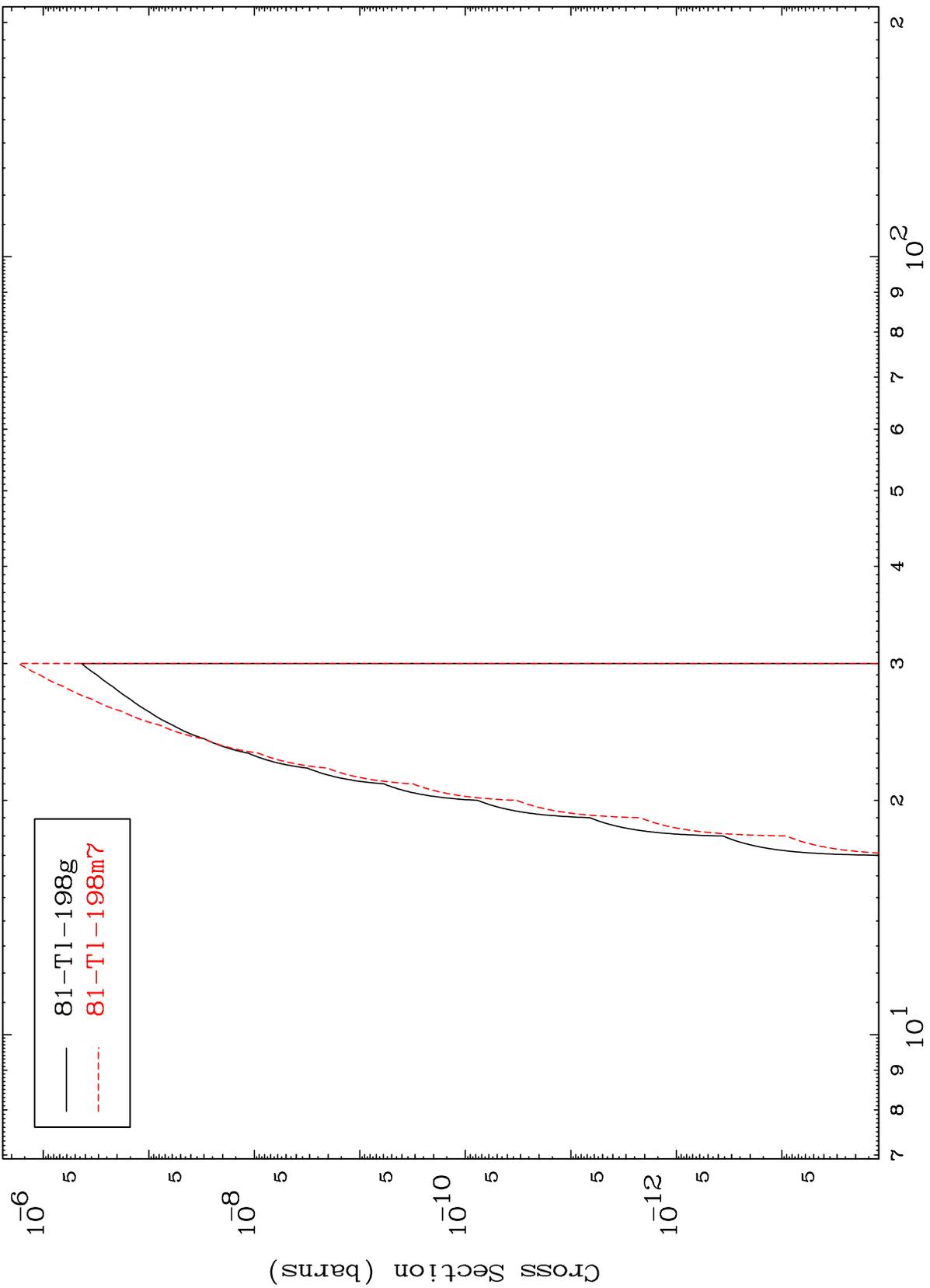
80-Hg-197g
80-Hg-197m4

MAT 8302

(n,p) t

83-Bi-201m

Radionuclide Production Cross Section



81-Tl-198g
81-Tl-198m7

37

Incident Energy (MeV)

83-Bi-201m