

Program EVALPLOT
(Version 2021-1)

by

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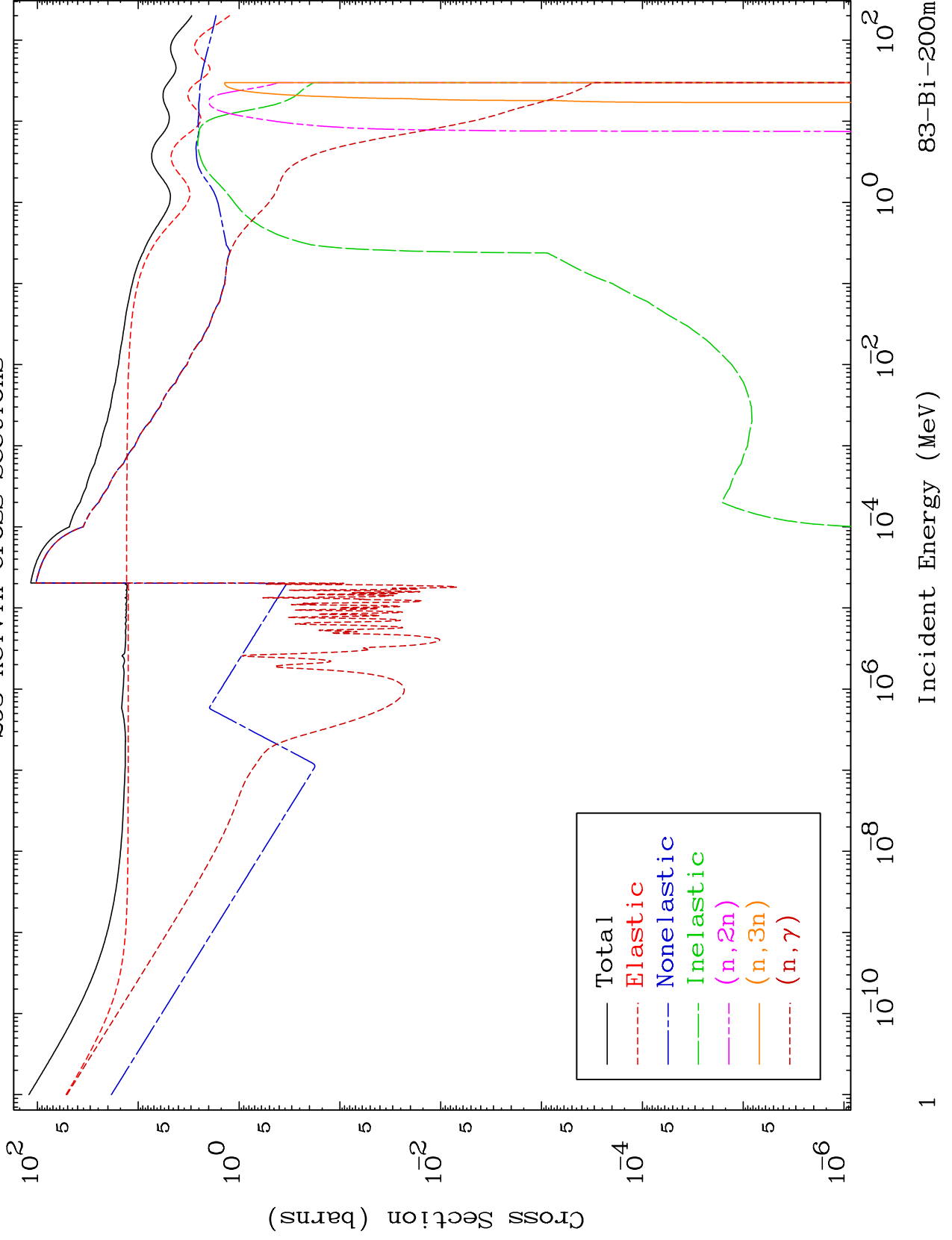
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8299

Neutron Major
293 Kelvin Cross Sections

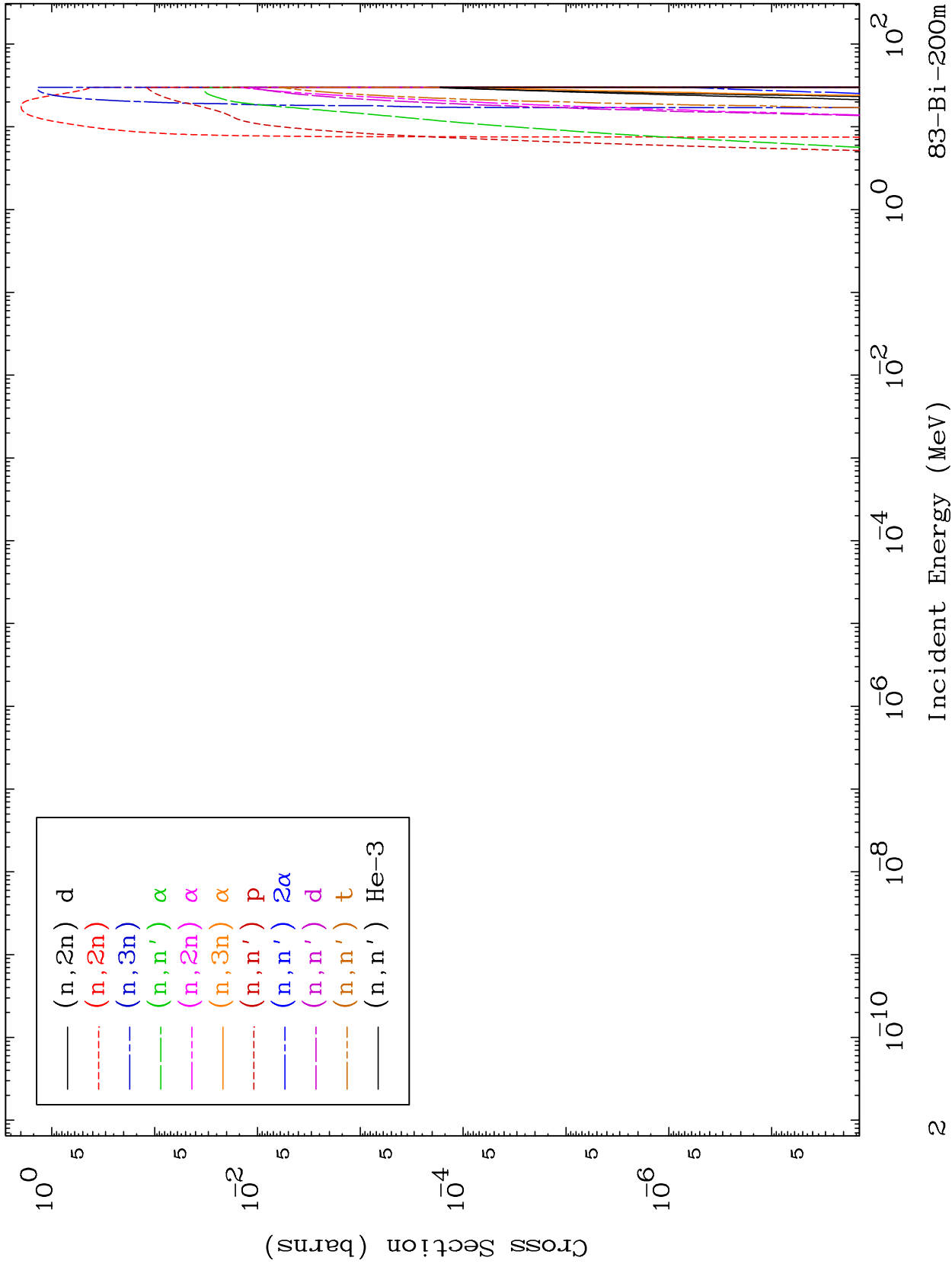
83-Bi-200m



MAT 8299

Neutron Absorption
293 Kelvin Cross Sections

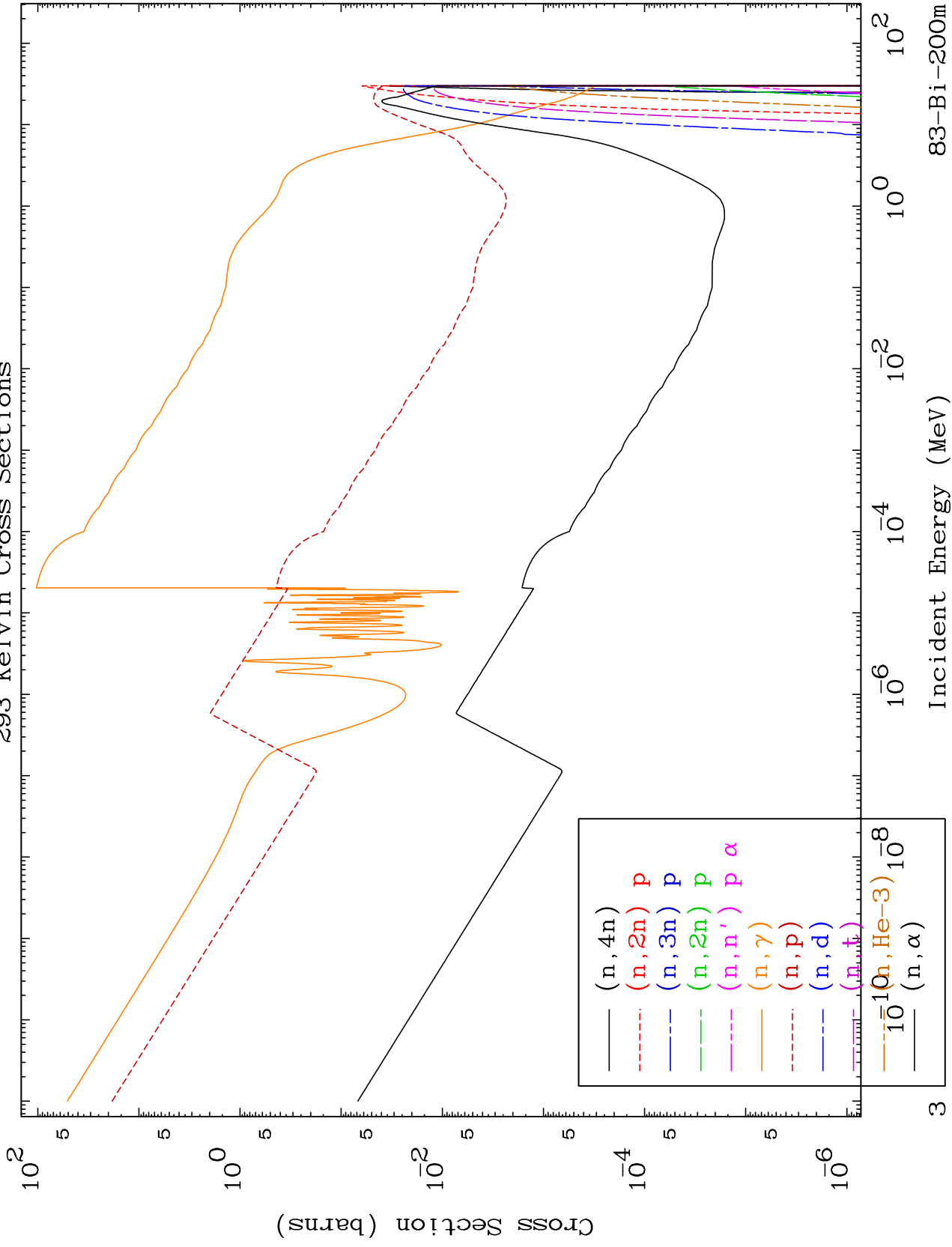
83-Bi-200m



MAT 8299

Neutron Absorption
293 Kelvin Cross Sections

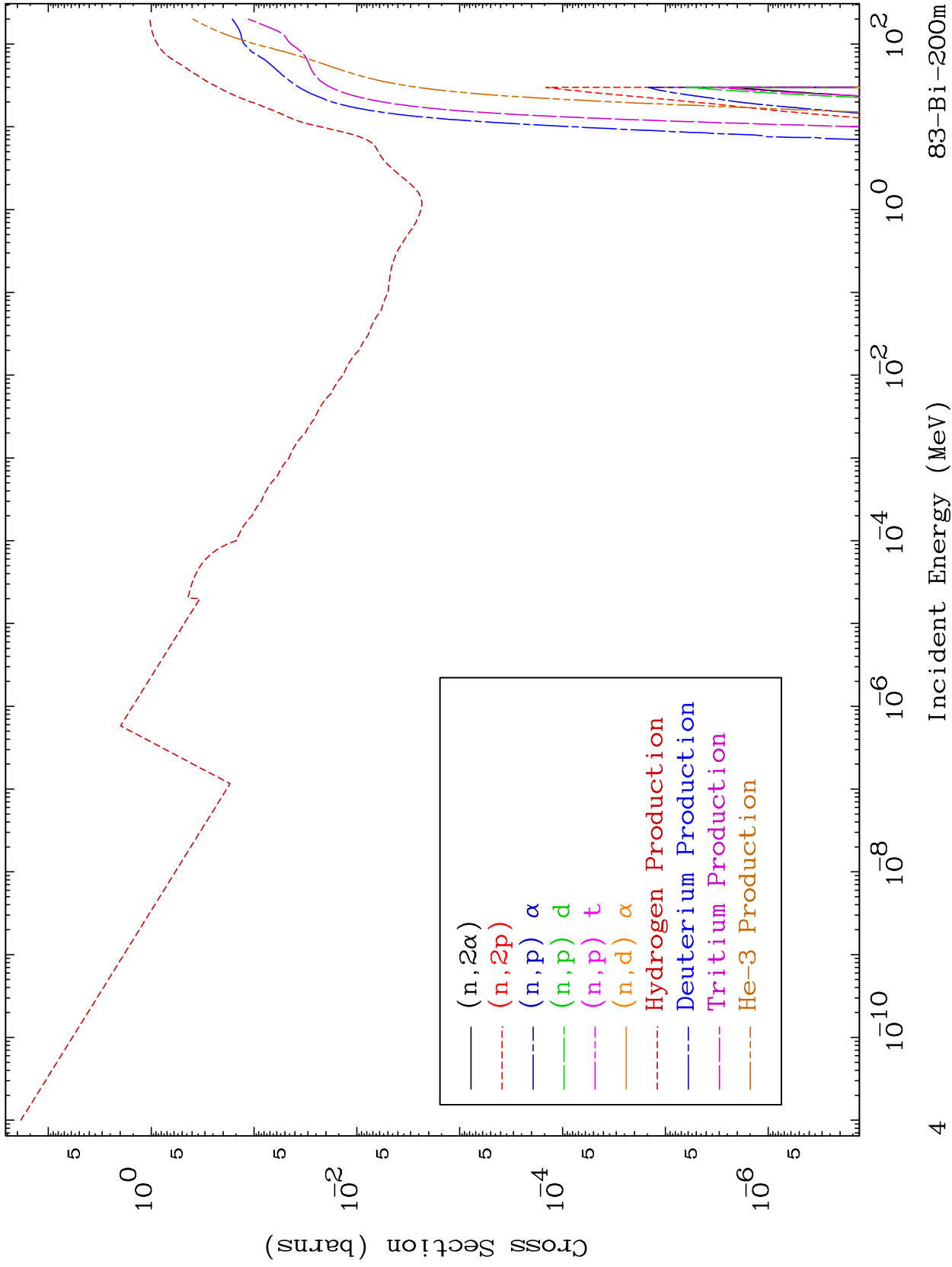
83-Bi-200m



MAT 8299

Neutron Absorption
293 Kelvin Cross Sections

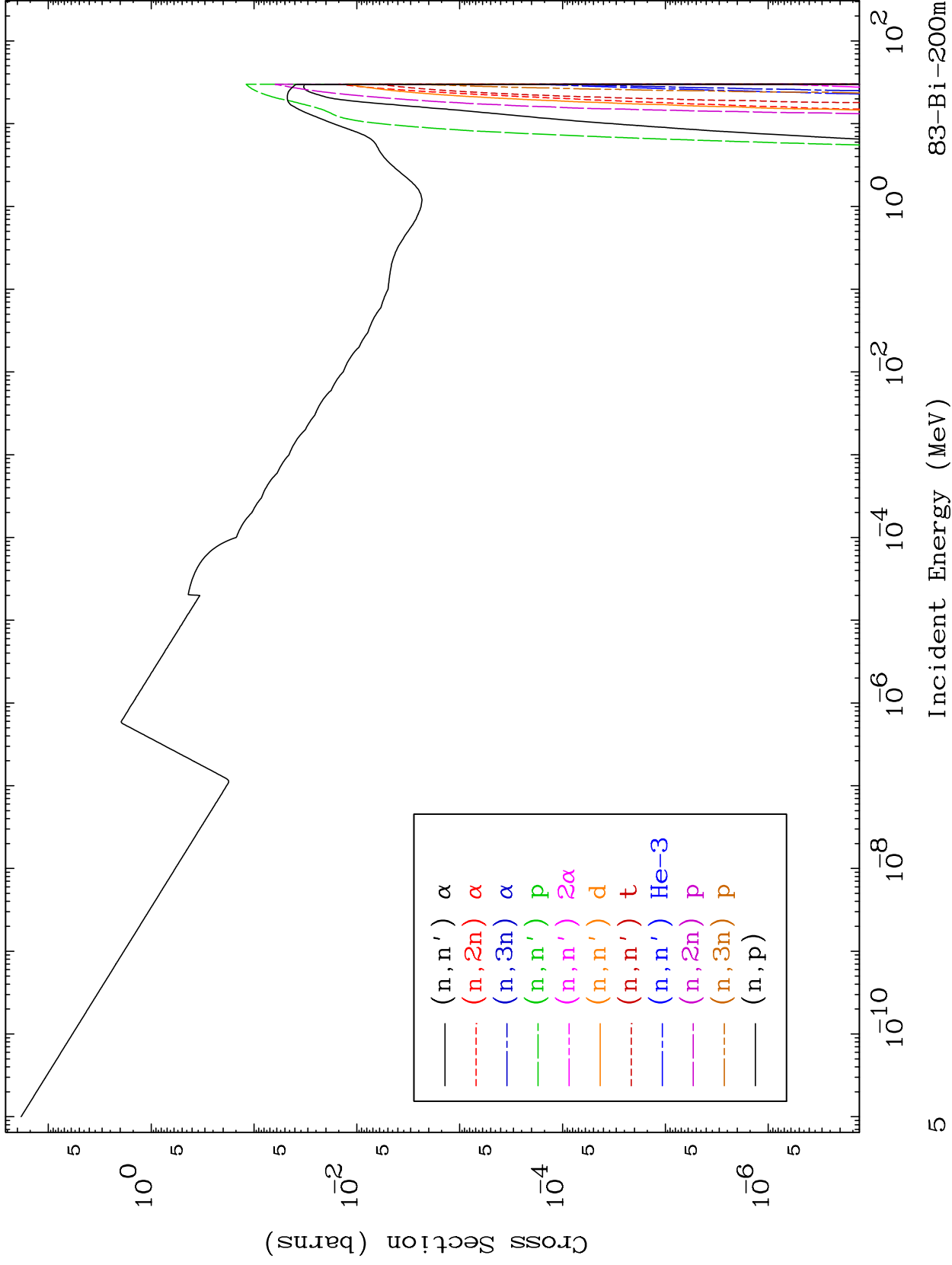
83-Bi-200m



MAT 8299

Charged Particle
293 Kelvin Cross Sections

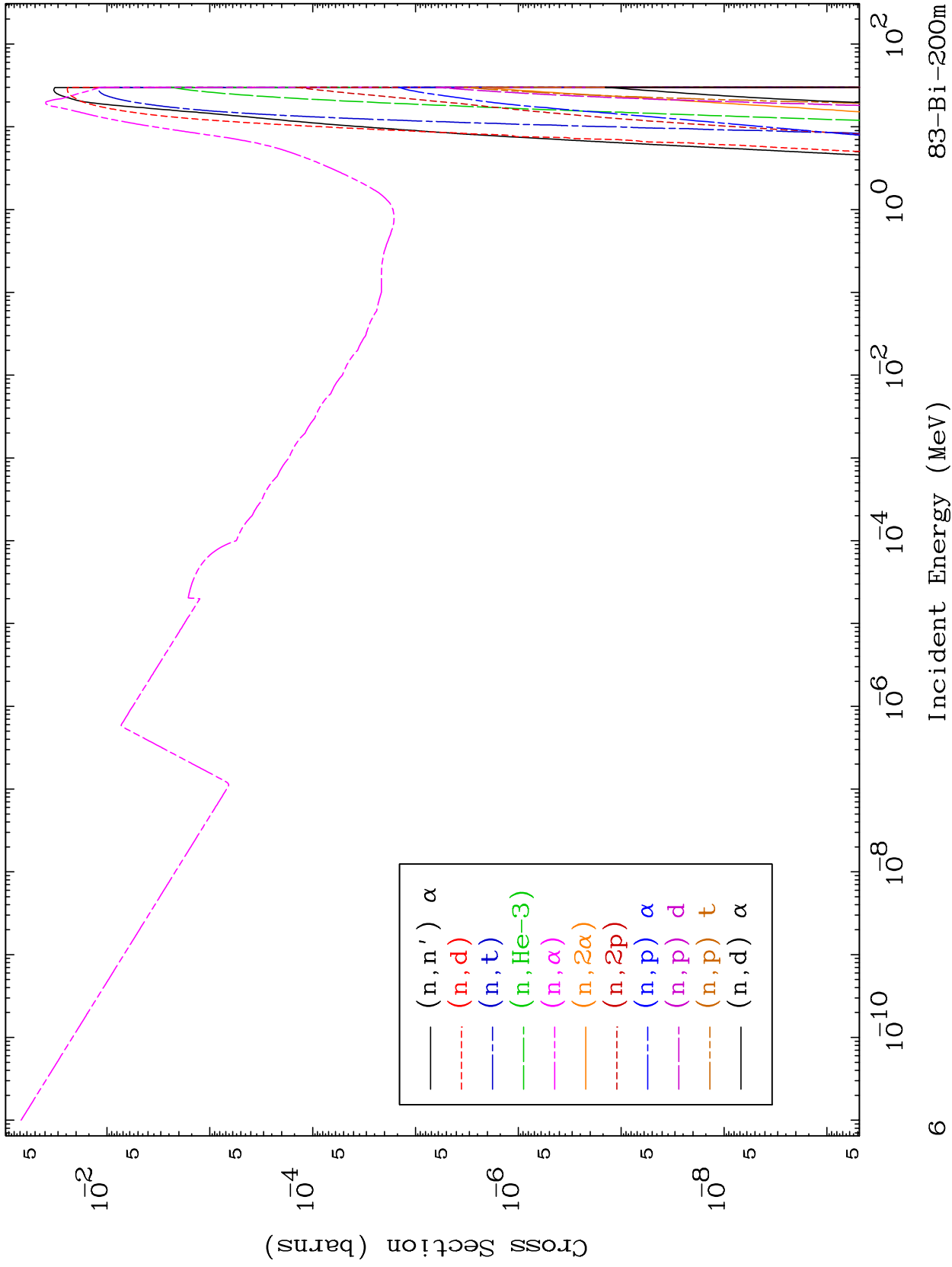
83-Bi-200m



MAT 8299

Charged Particle
293 Kelvin Cross Sections

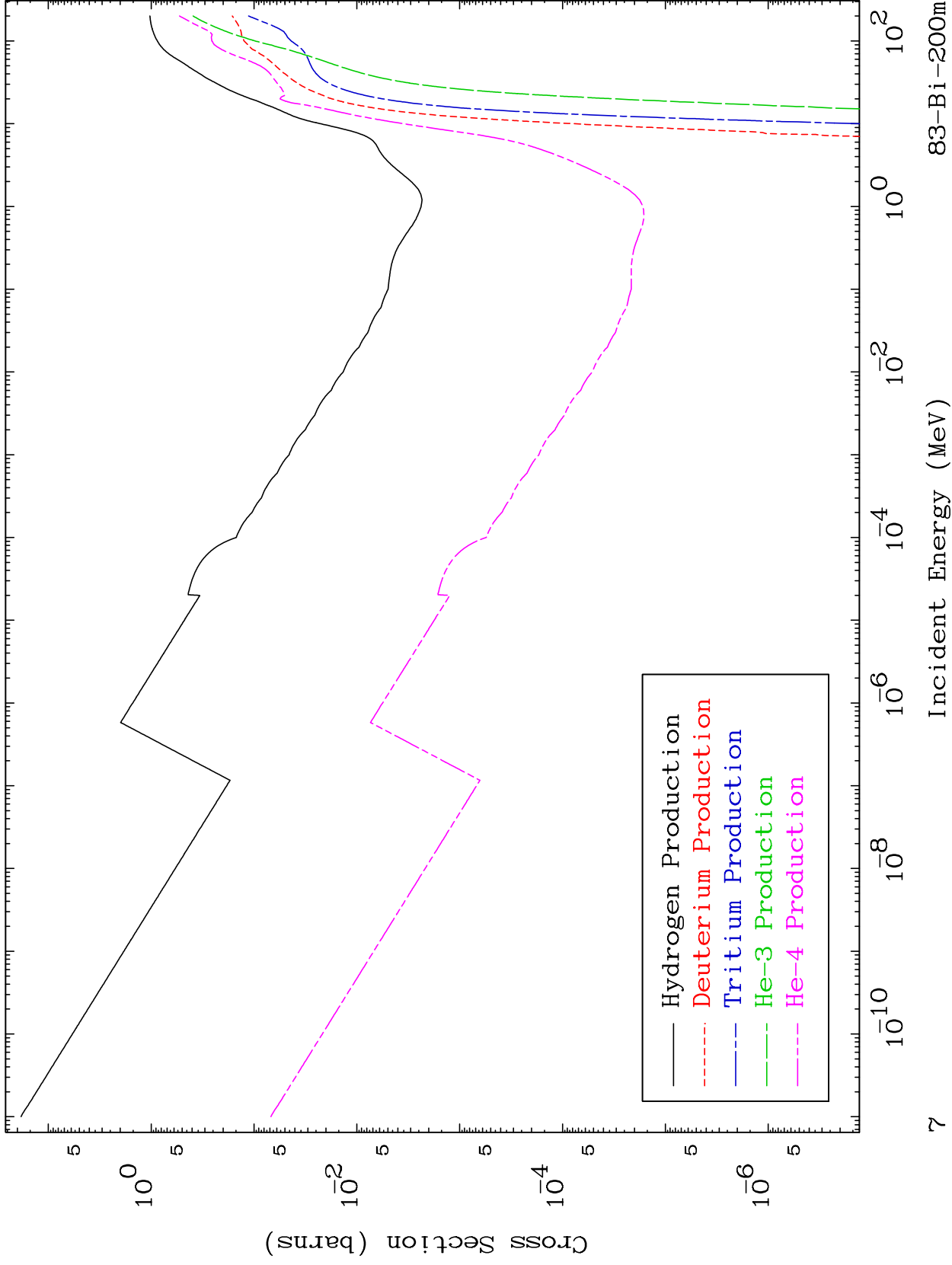
83-Bi-200m



MAT 8299

Particle Production
293 Kelvin Cross Sections

83-Bi-200m

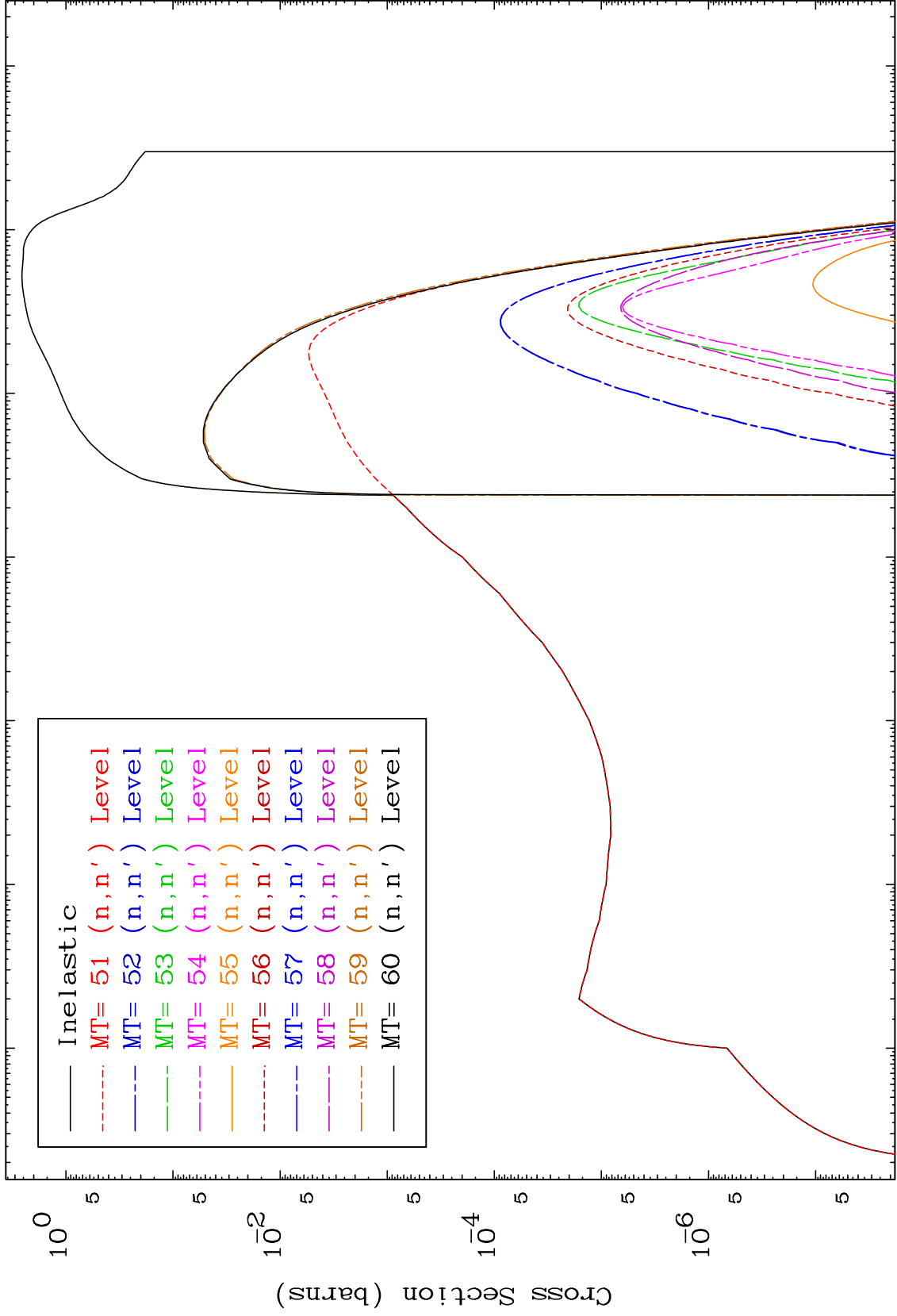


MAT 8299

(n,n') Levels

83-Bi-200m

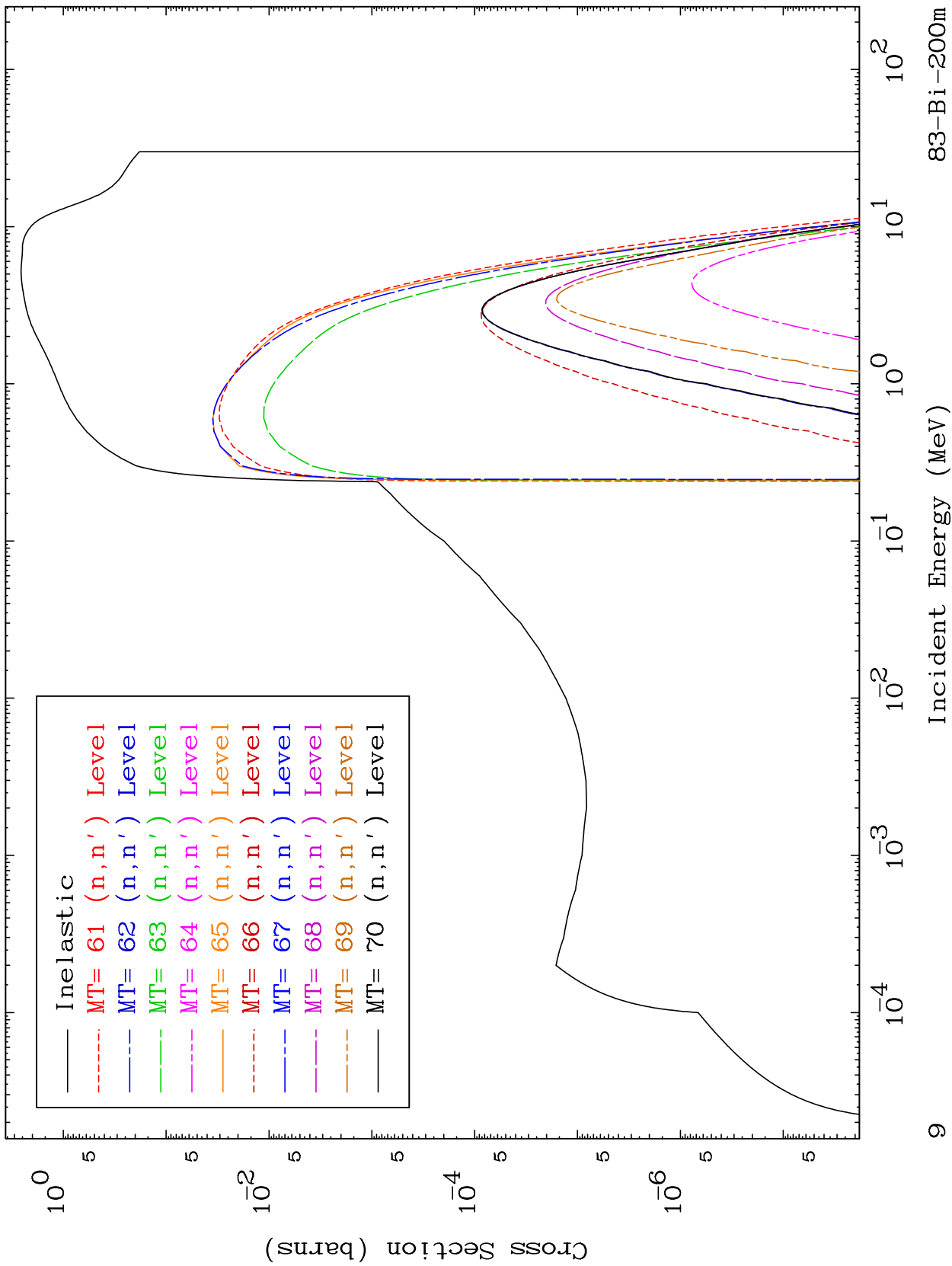
293 Kelvin Cross Sections



MAT 8299

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-200m

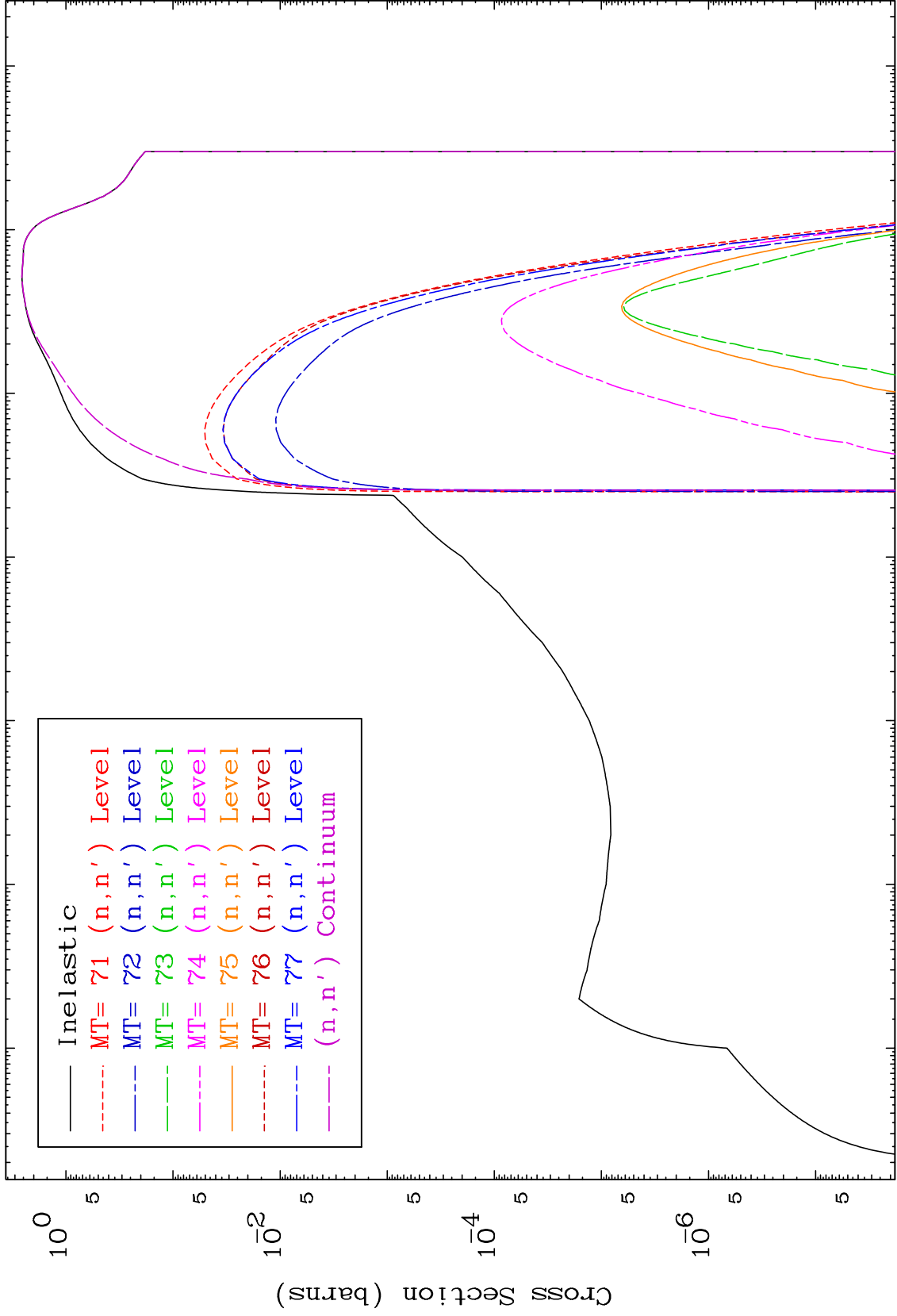


MAT 8299

(n,n') Levels

83-Bi-200m

293 Kelvin Cross Sections



10

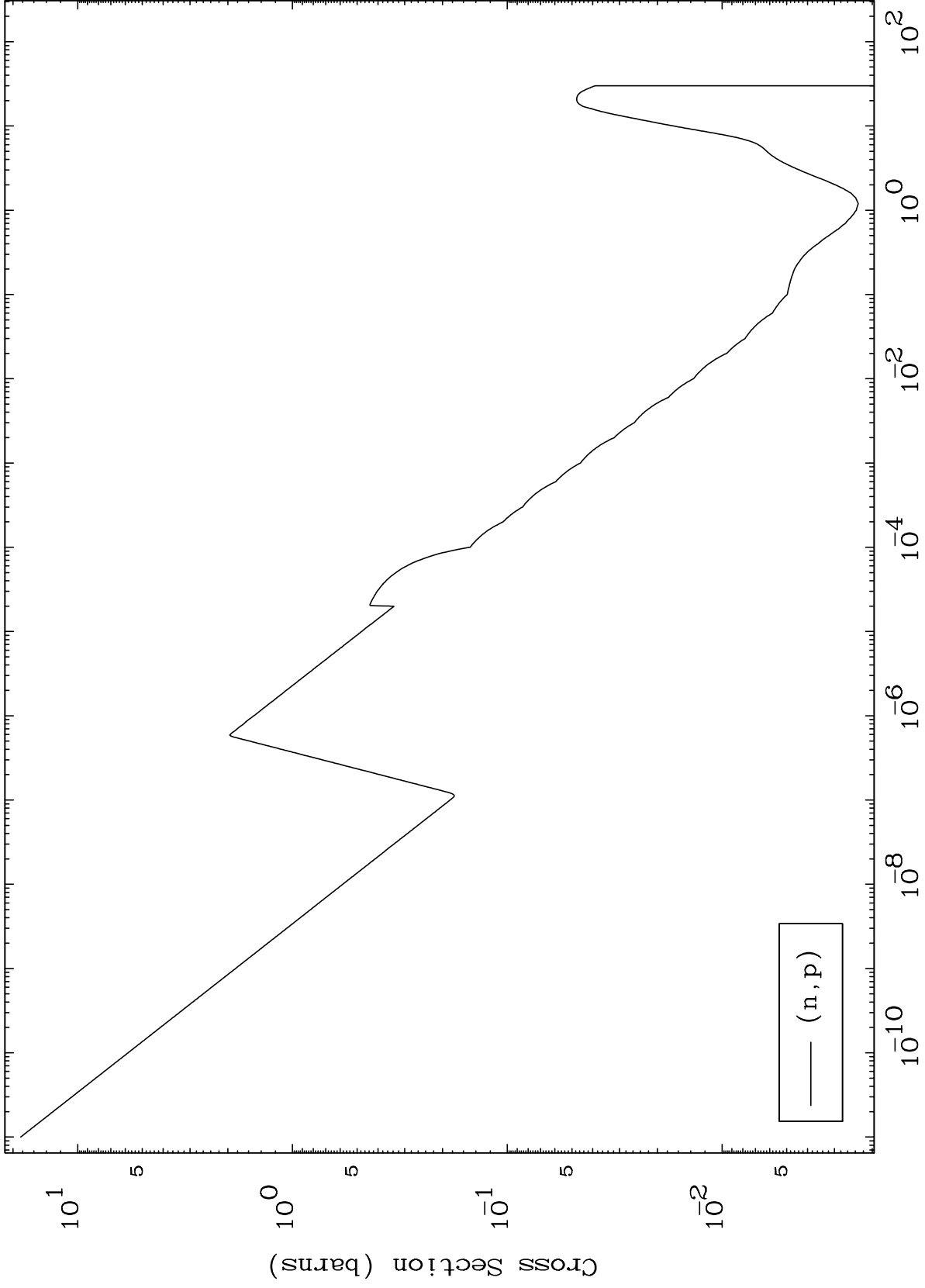
Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-200m



(n,p)

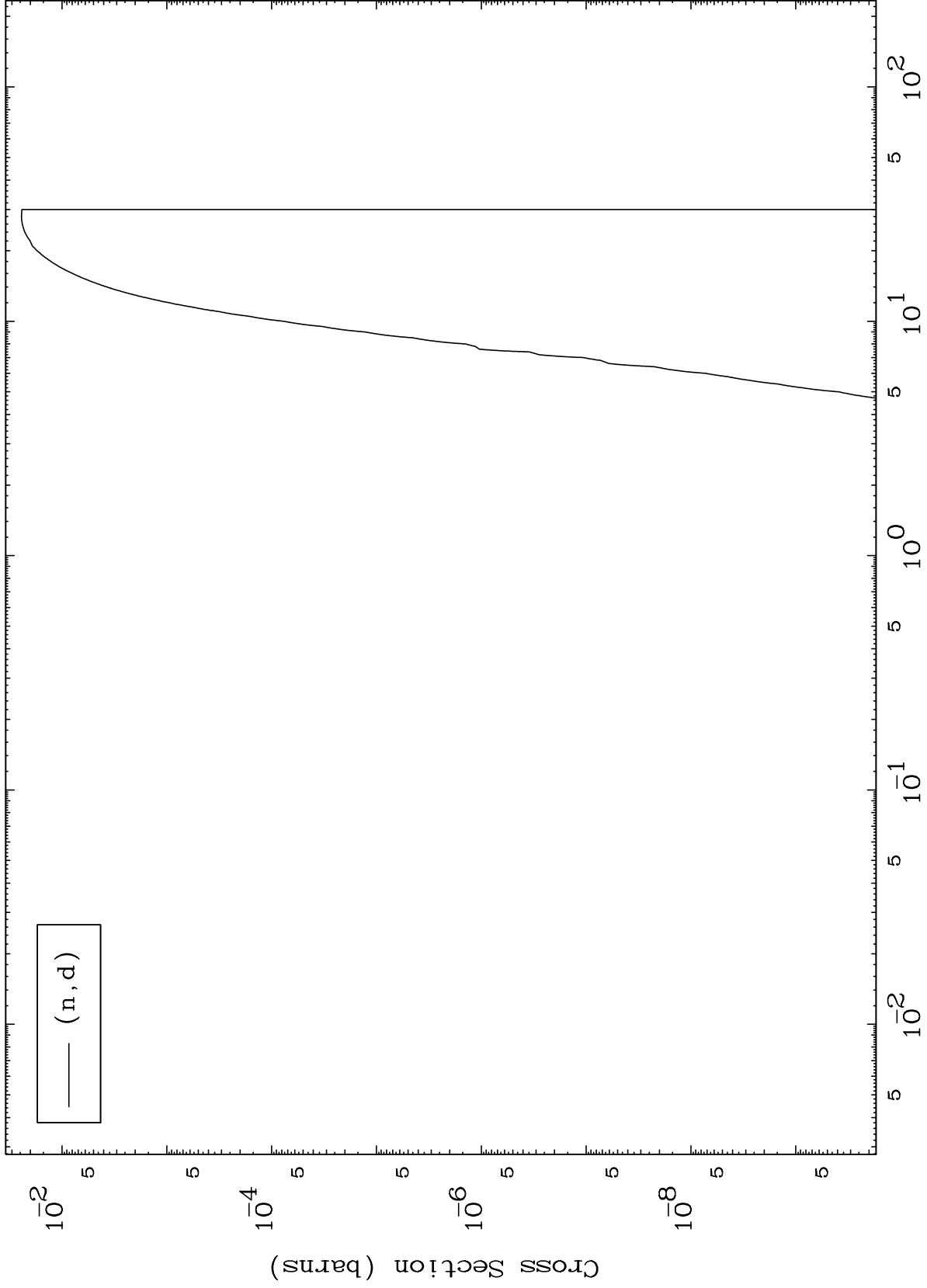
83-Bi-200m

Incident Energy (MeV)

MAT 8299

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-200m



12

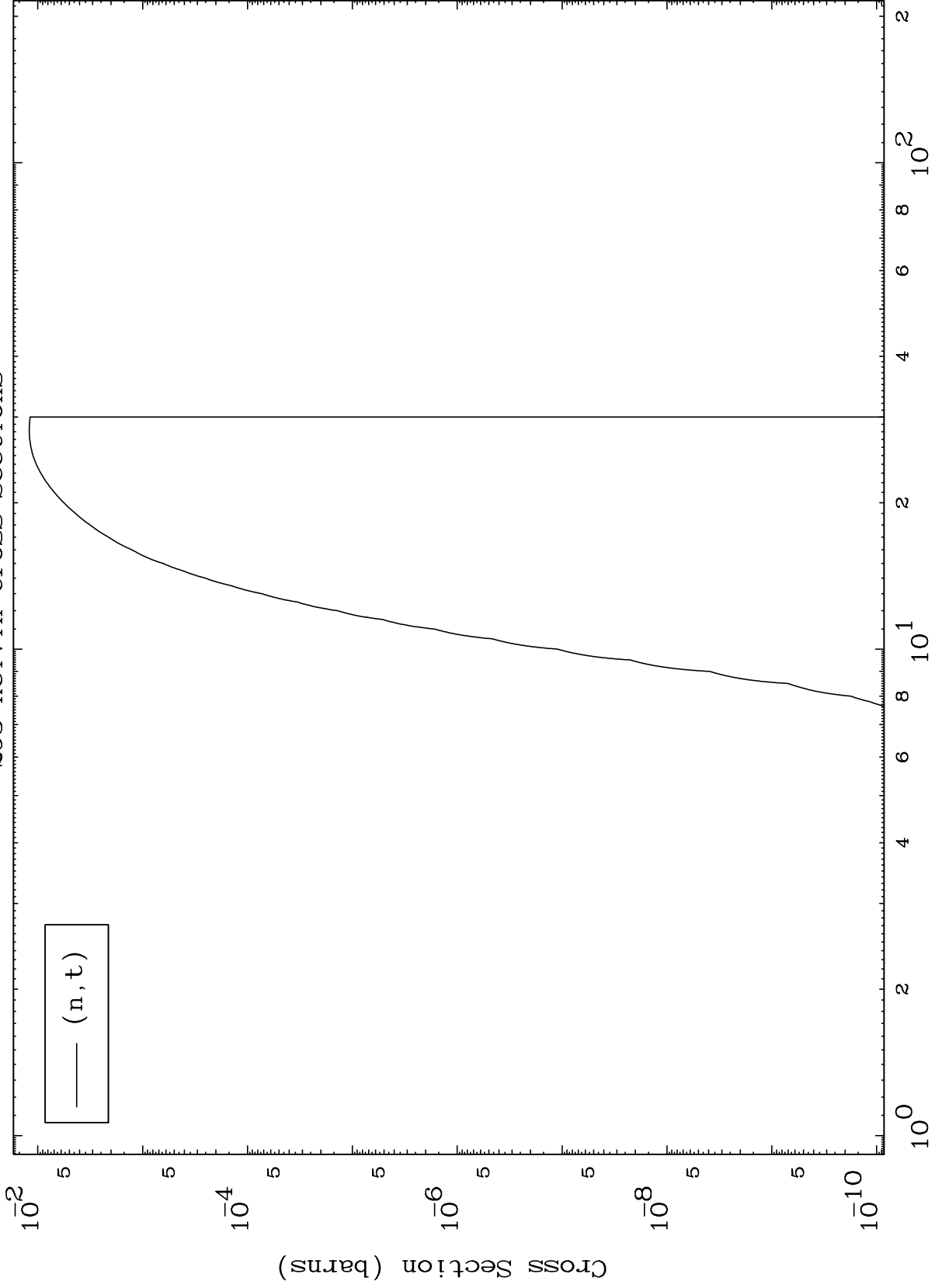
Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-200m



13

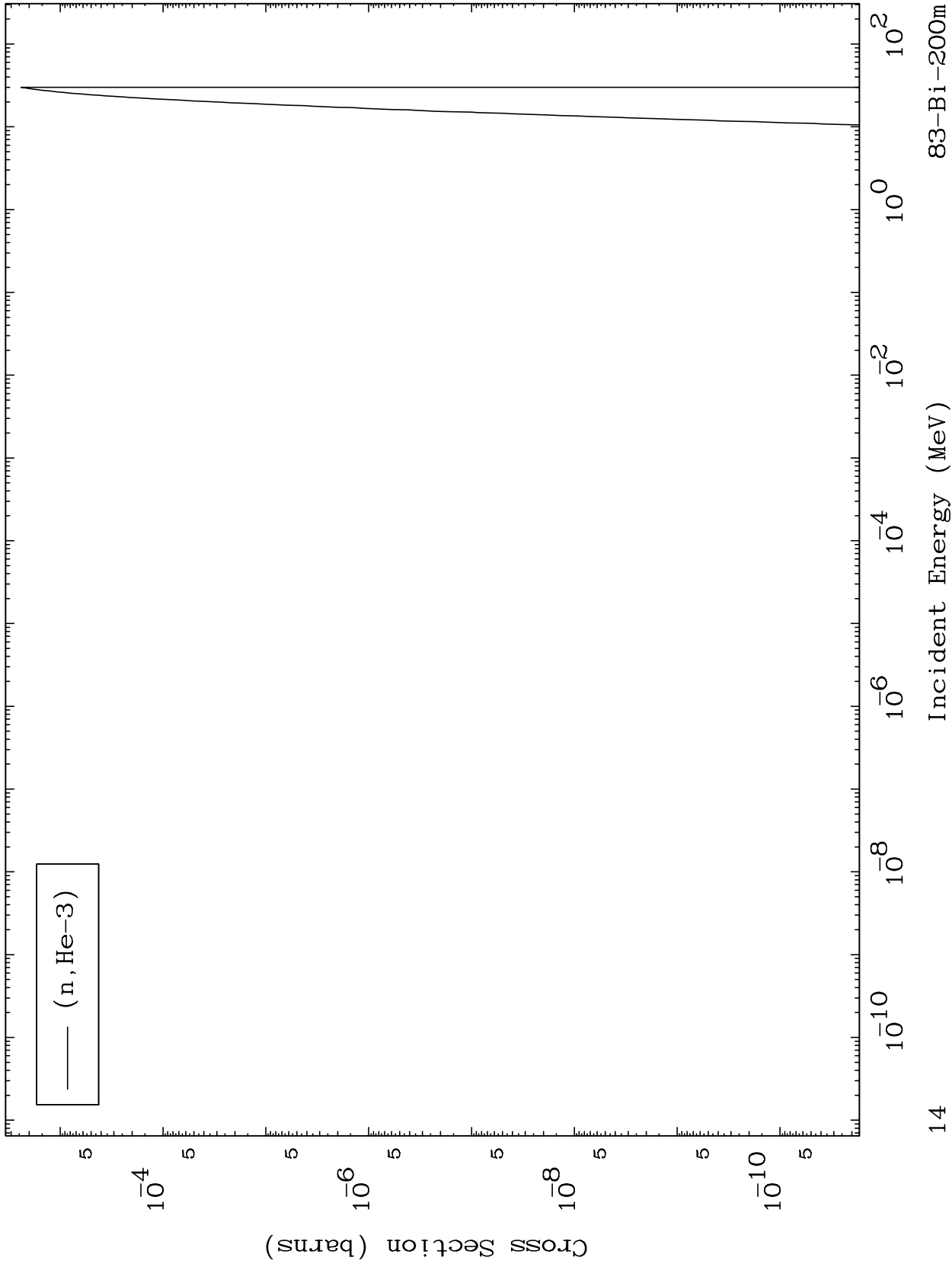
Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,He3) Levels
293 Kelvin Cross Sections

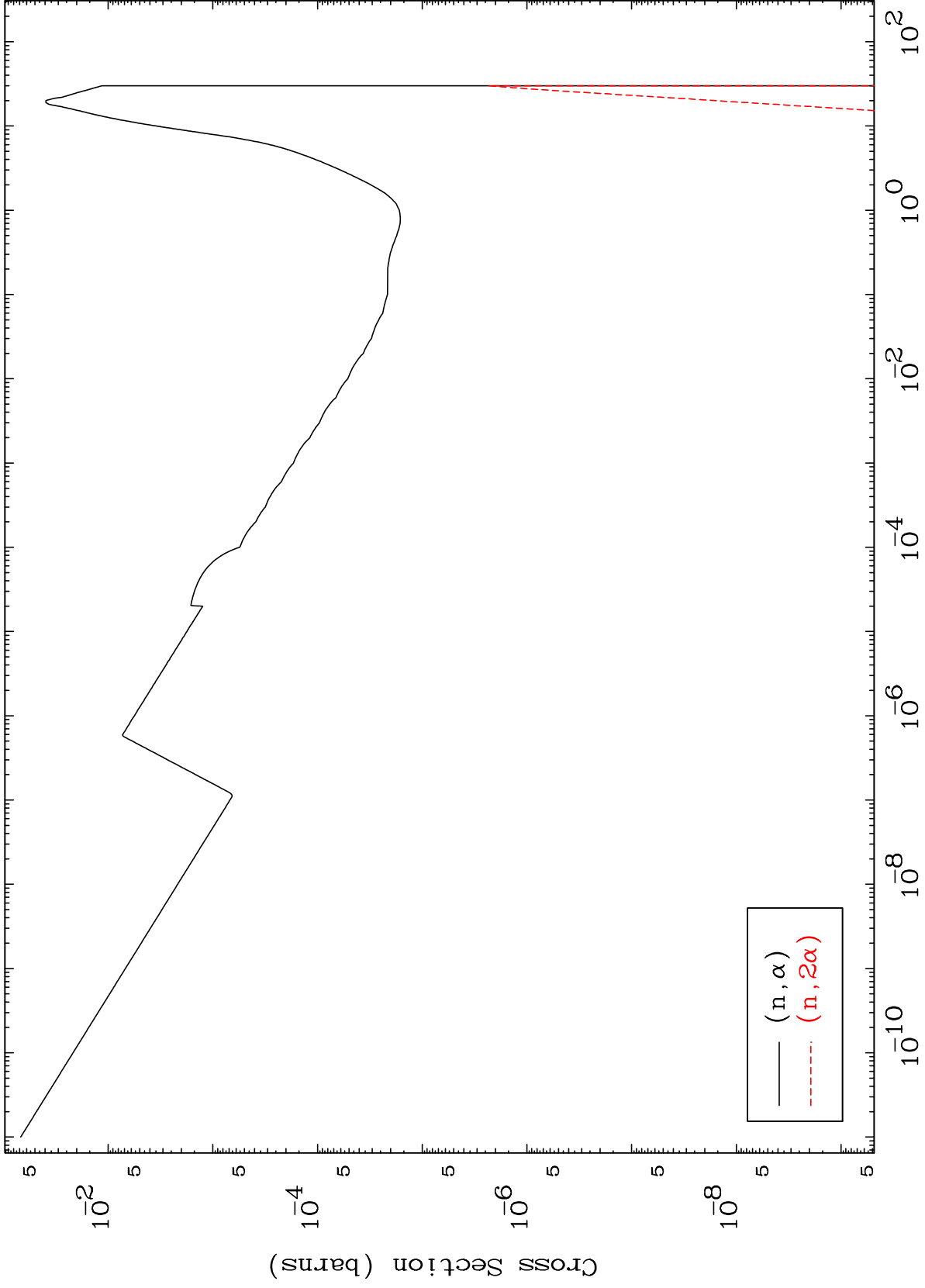
83-Bi-200m



MAT 8299

(n,α) Levels
293 Kelvin Cross Sections

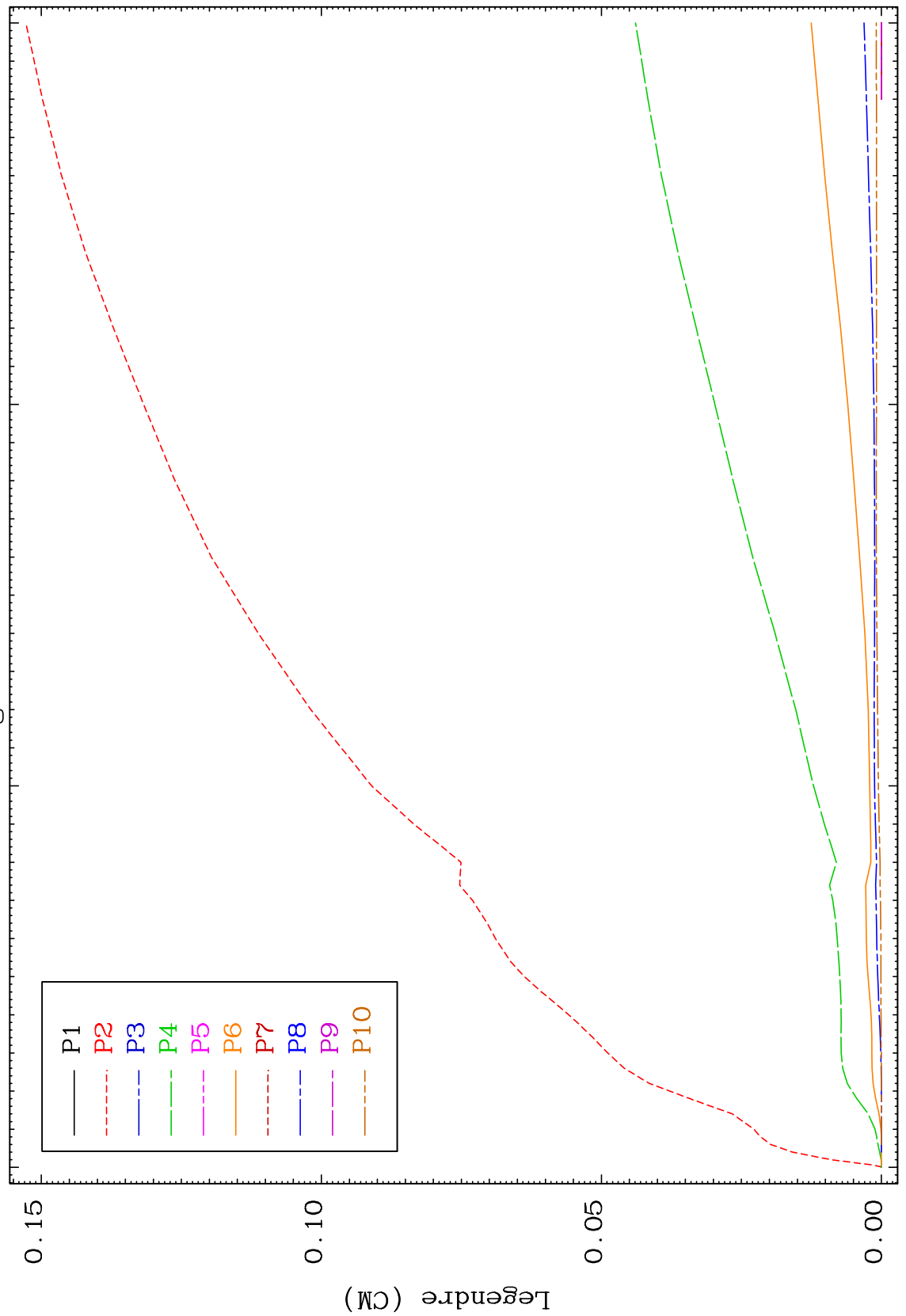
83-Bi-200m



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Elastic Legendre Coefficients

83-Bi-200m



16

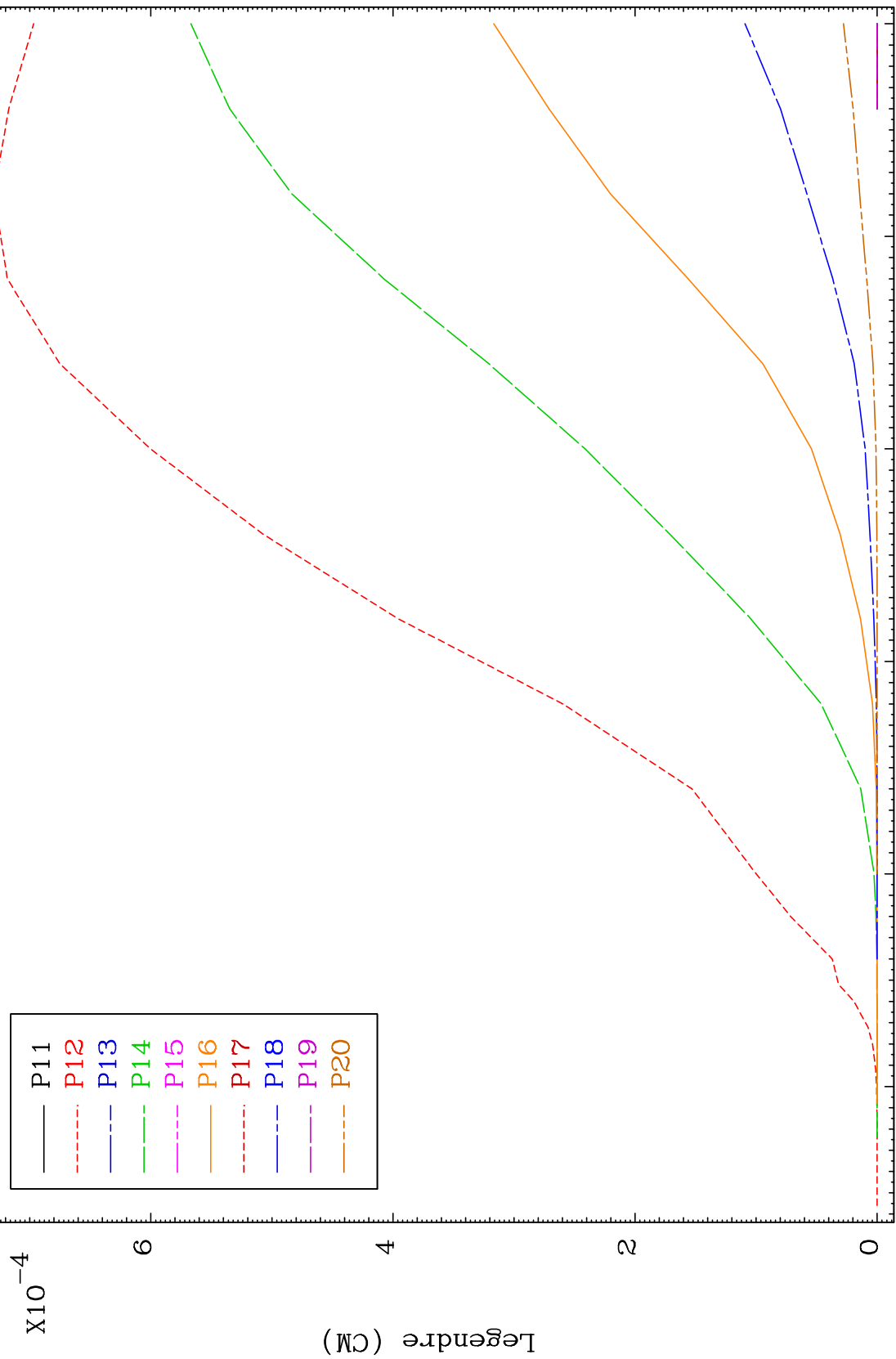
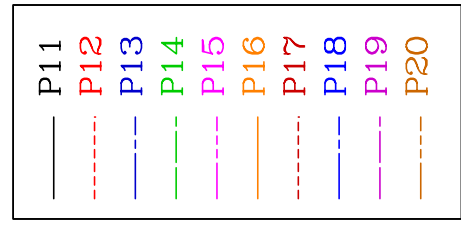
Incident Energy (MeV)

83-Bi-200m

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Elastic Legendre Coefficients

⁸³Bi-200m



17

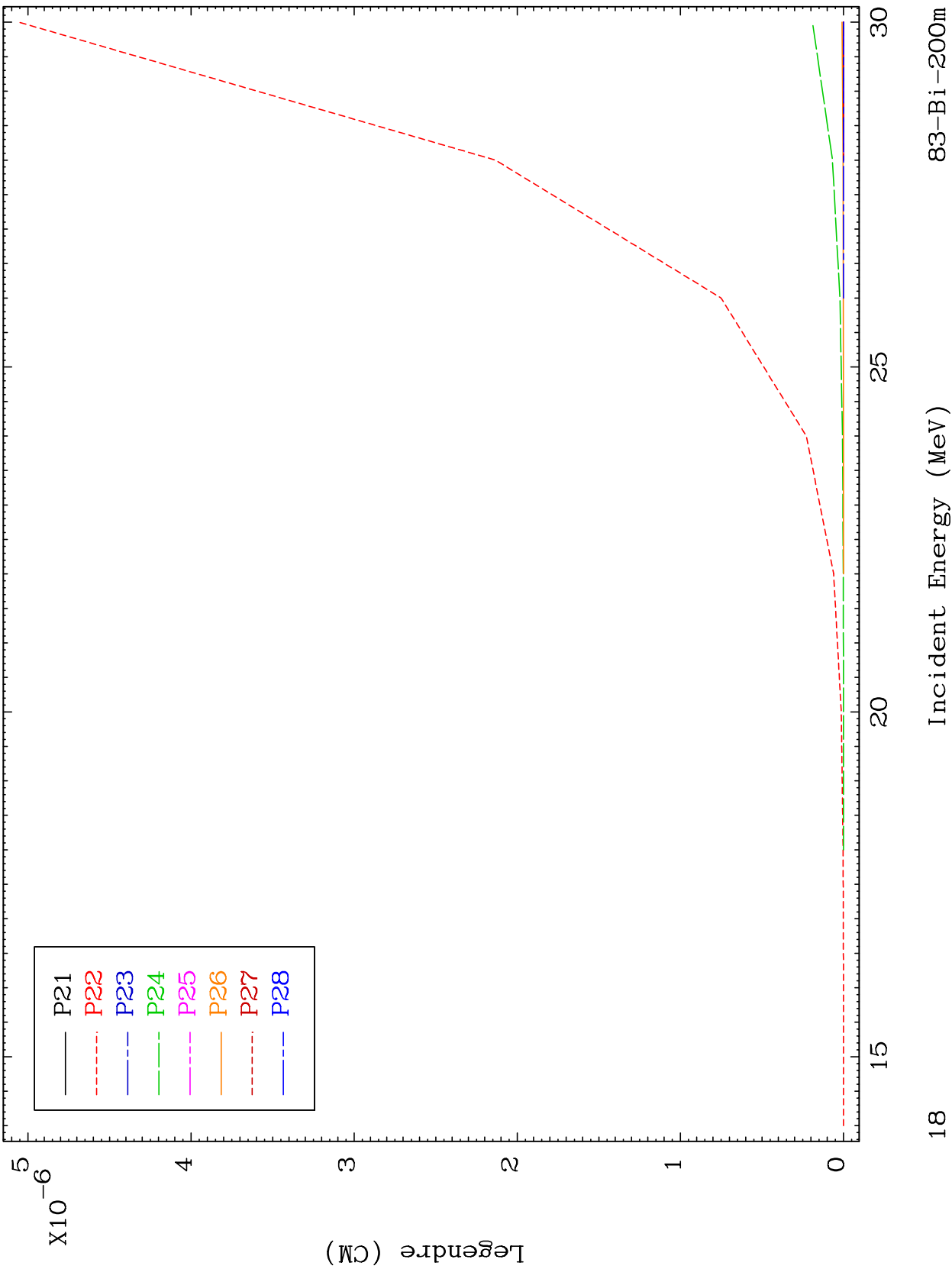
Incident Energy (MeV)

⁸³Bi-200m

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Elastic
Legendre Coefficients

83-Bi-200m



18

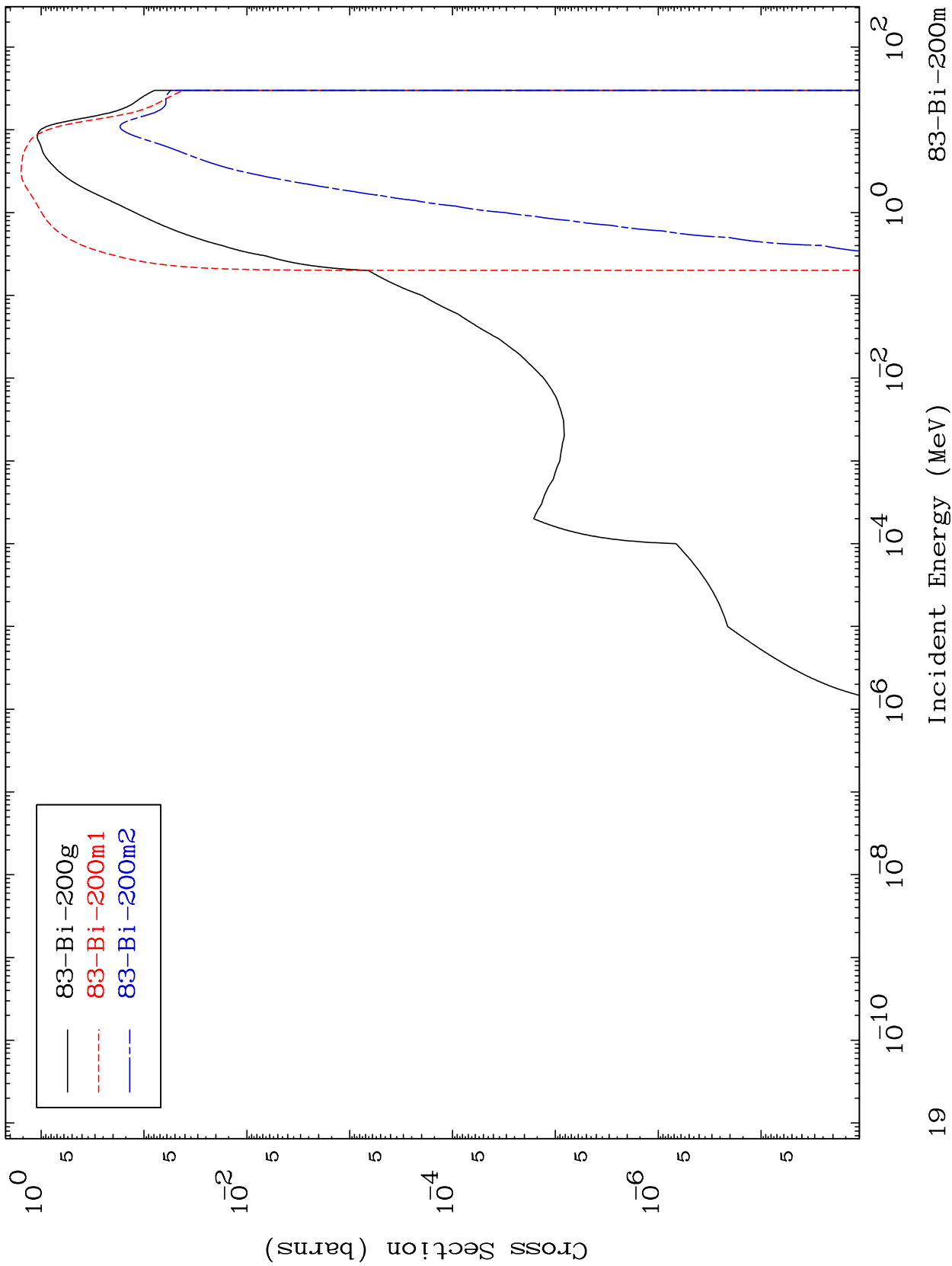
Incident Energy (MeV)

83-Bi-200m

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83-Bi-200m

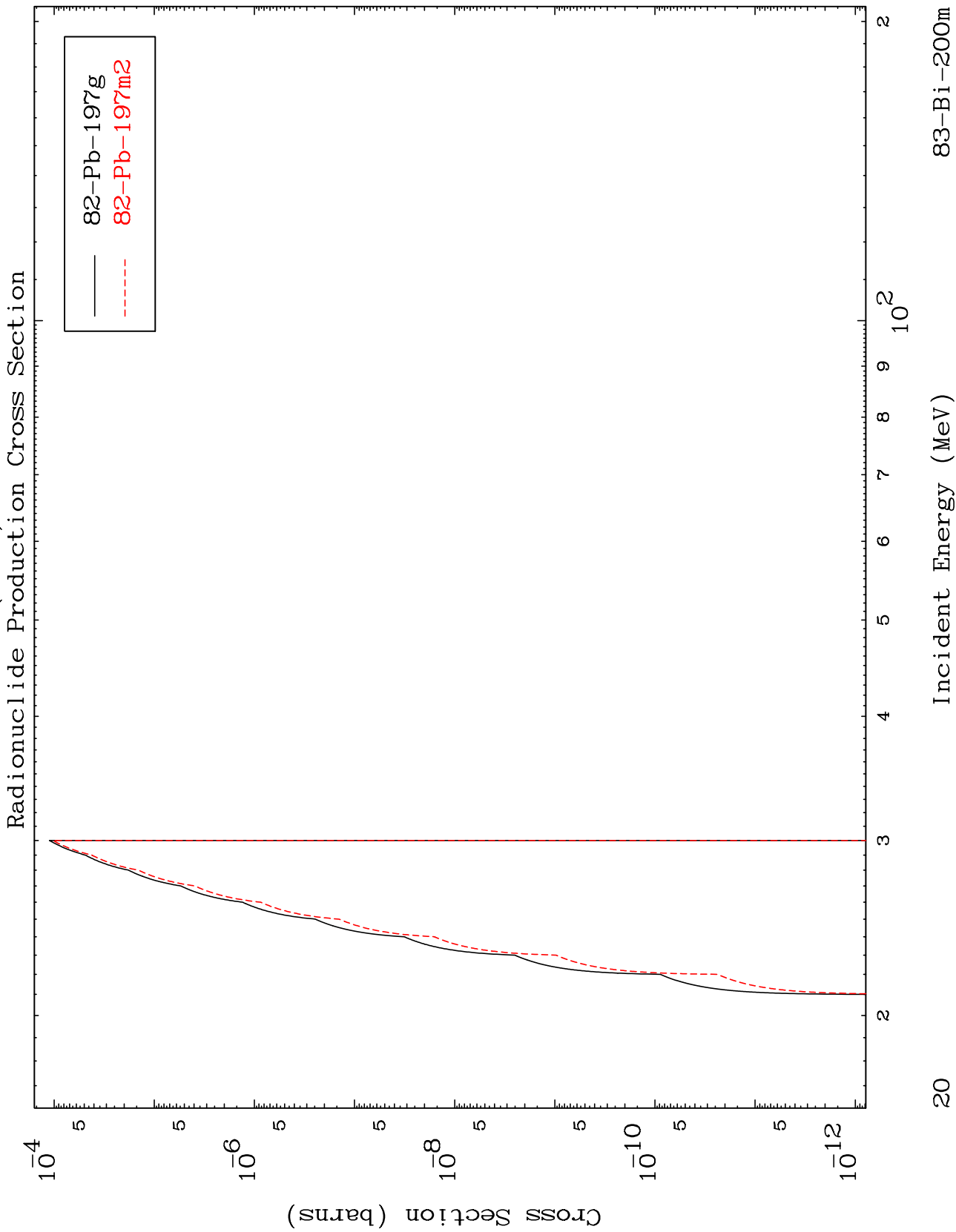
Inelastic
Radionuclide Production Cross Section



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(n,2n) d

83-Bi-200m



20

Incident Energy (MeV)

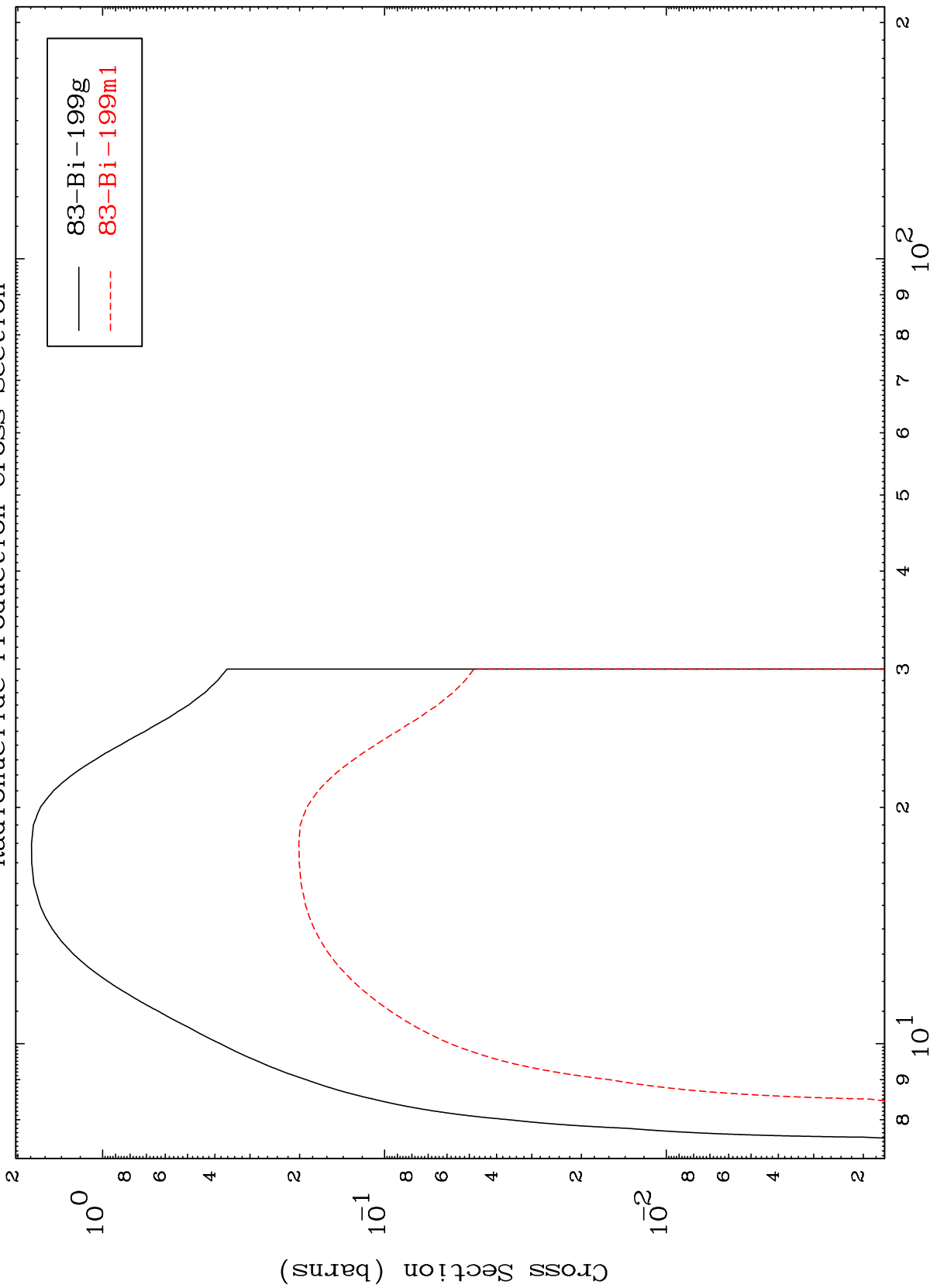
83-Bi-200m

MAT 8299

⁸³Bi-200m

(n,2n)

Radionuclide Production Cross Section



21

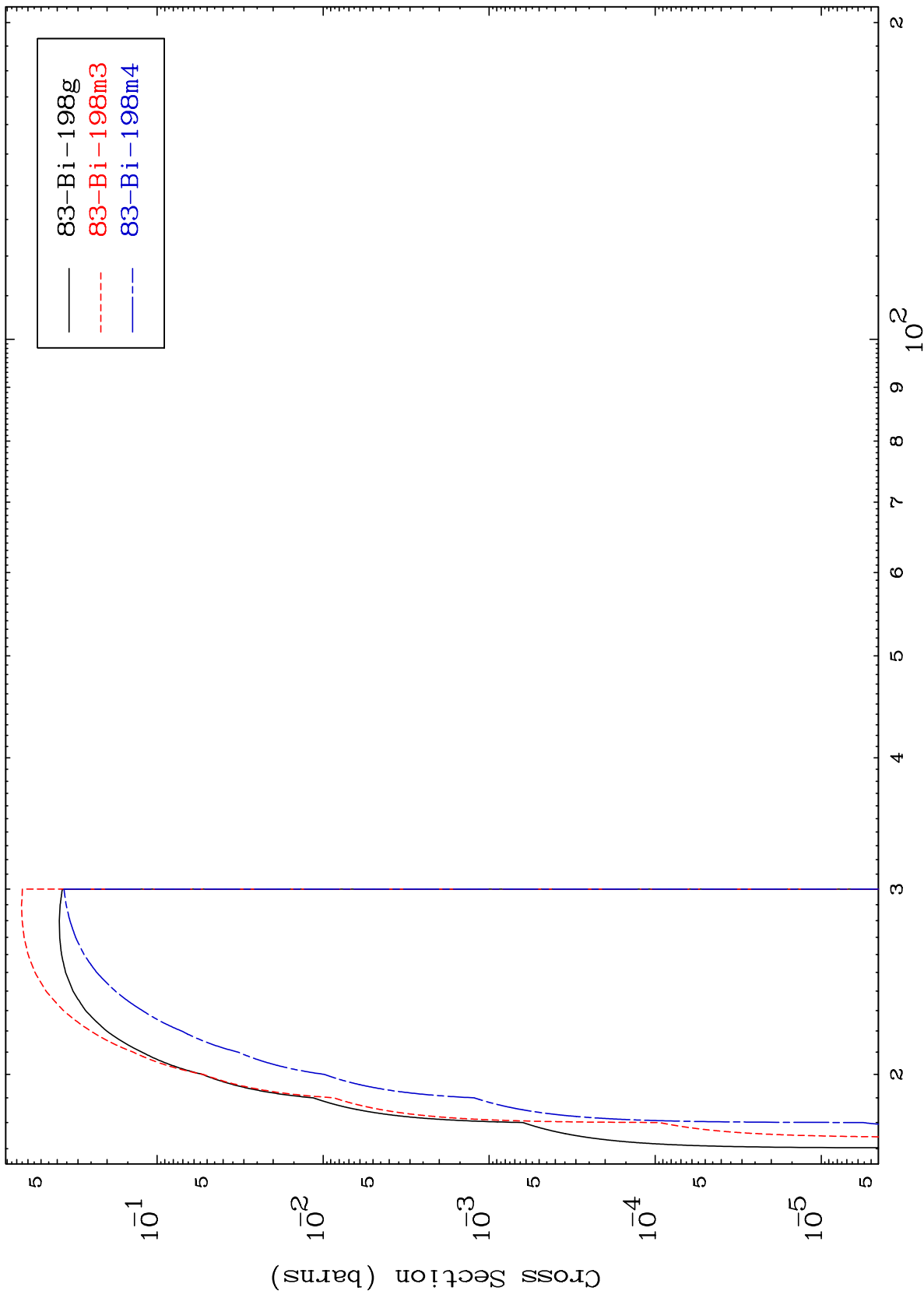
Incident Energy (MeV)

⁸³Bi-200m

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⁸³Bi-200m

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

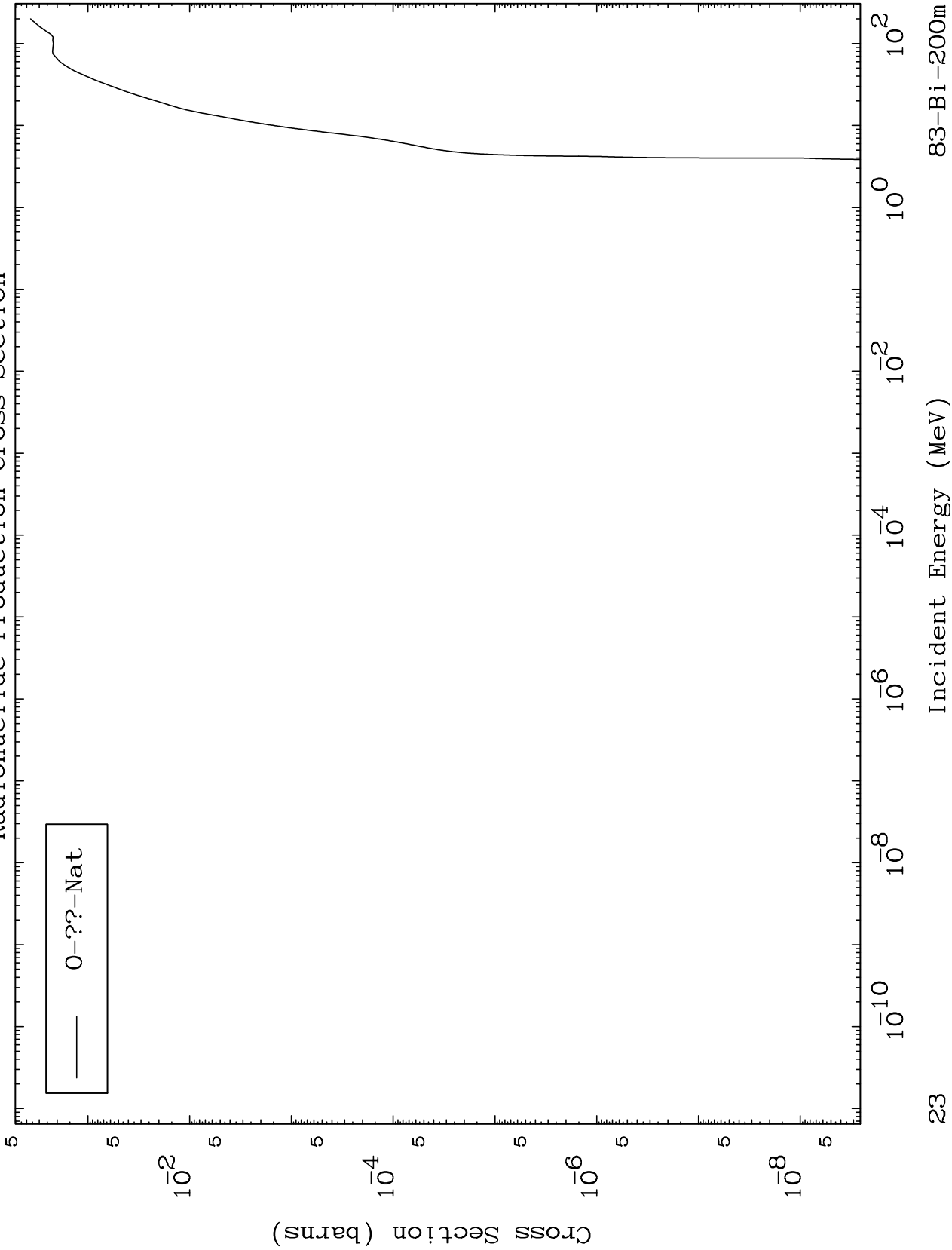
⁸³Bi-200m

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Fission

⁸³Bi-200m

Radionuclide Production Cross Section

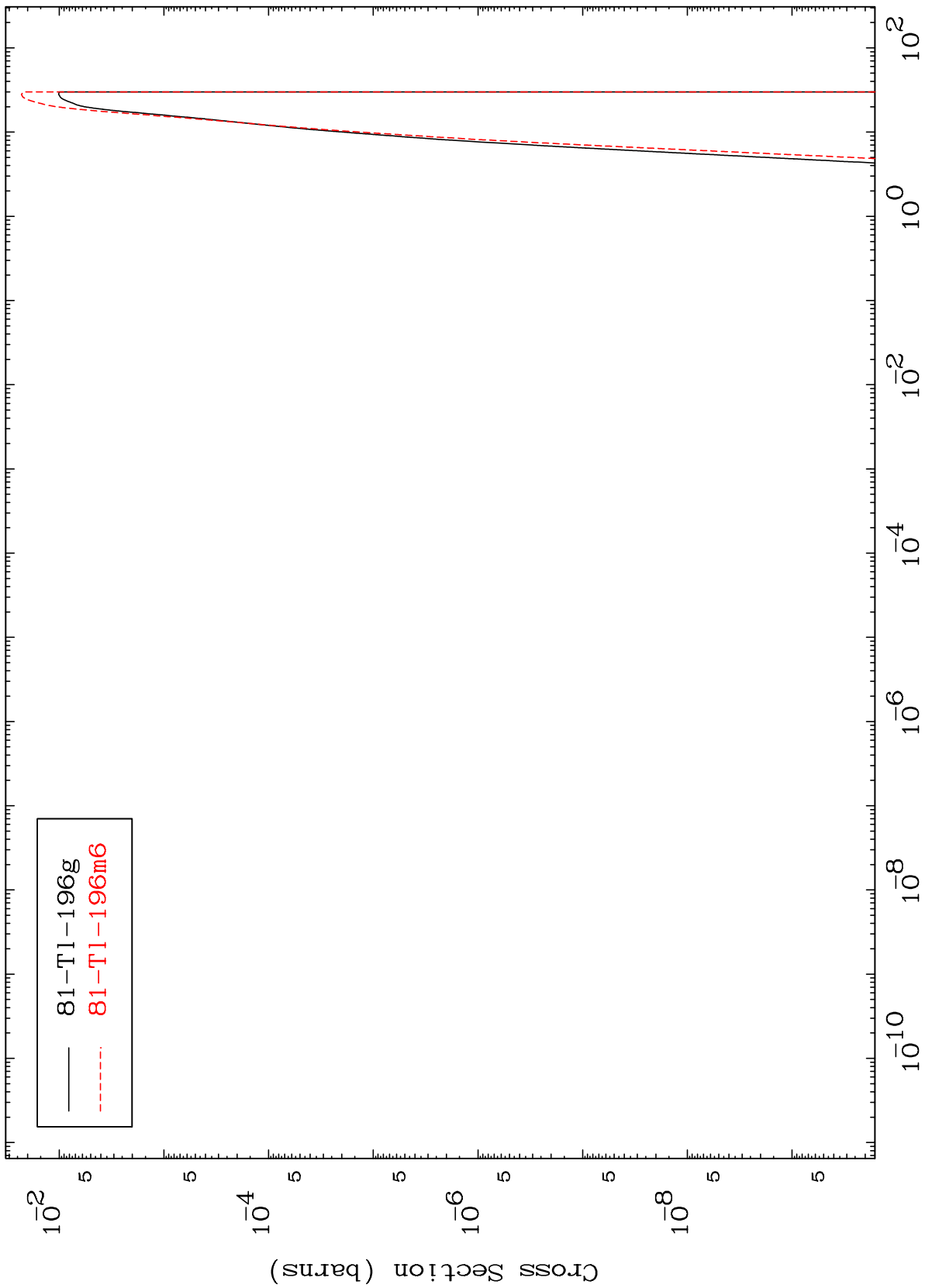


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$(n, n') \alpha$

83-Bi-200m

Radionuclide Production Cross Section

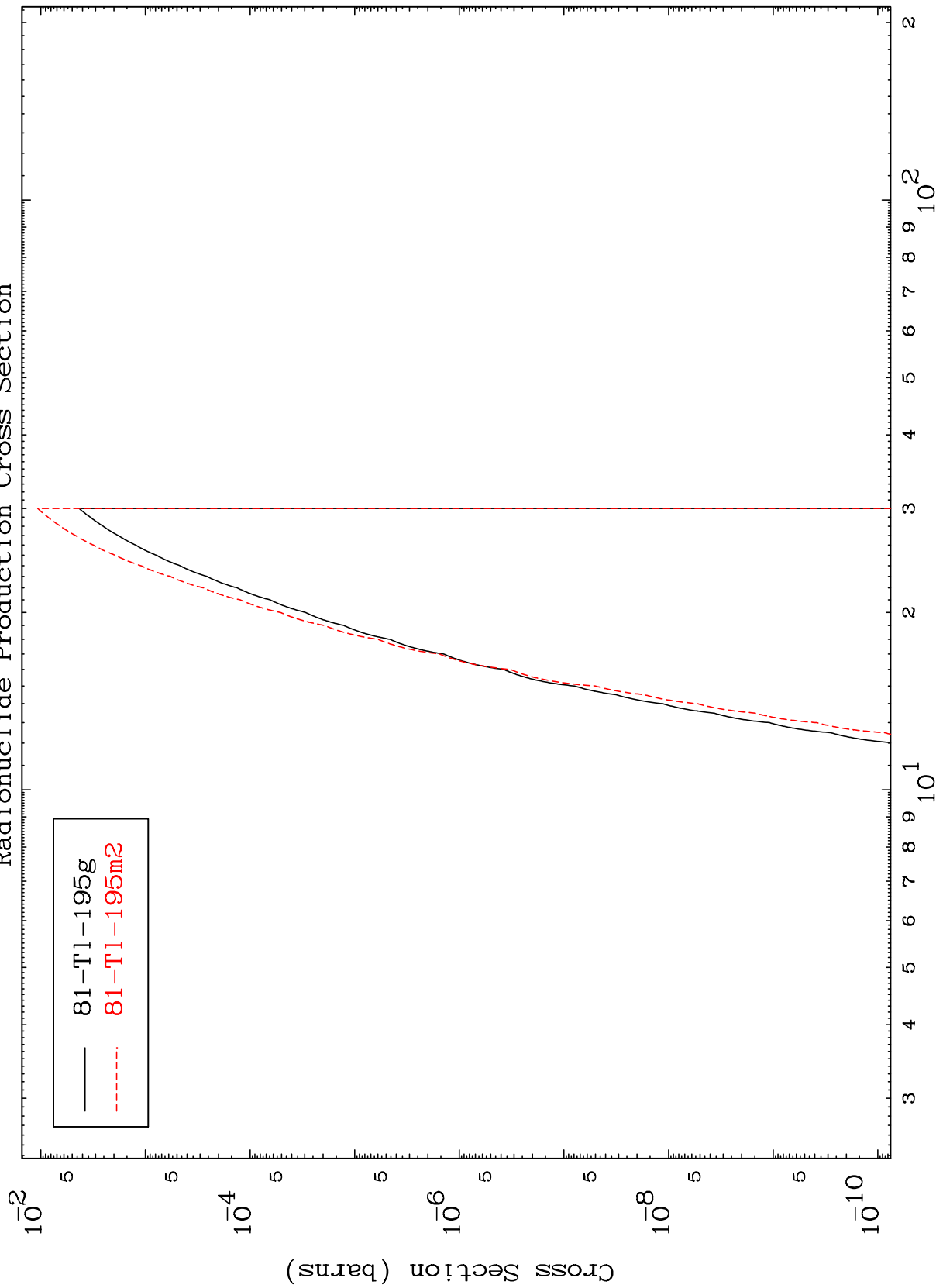


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(n,2n) α

^{83}Bi -200m

Radionuclide Production Cross Section



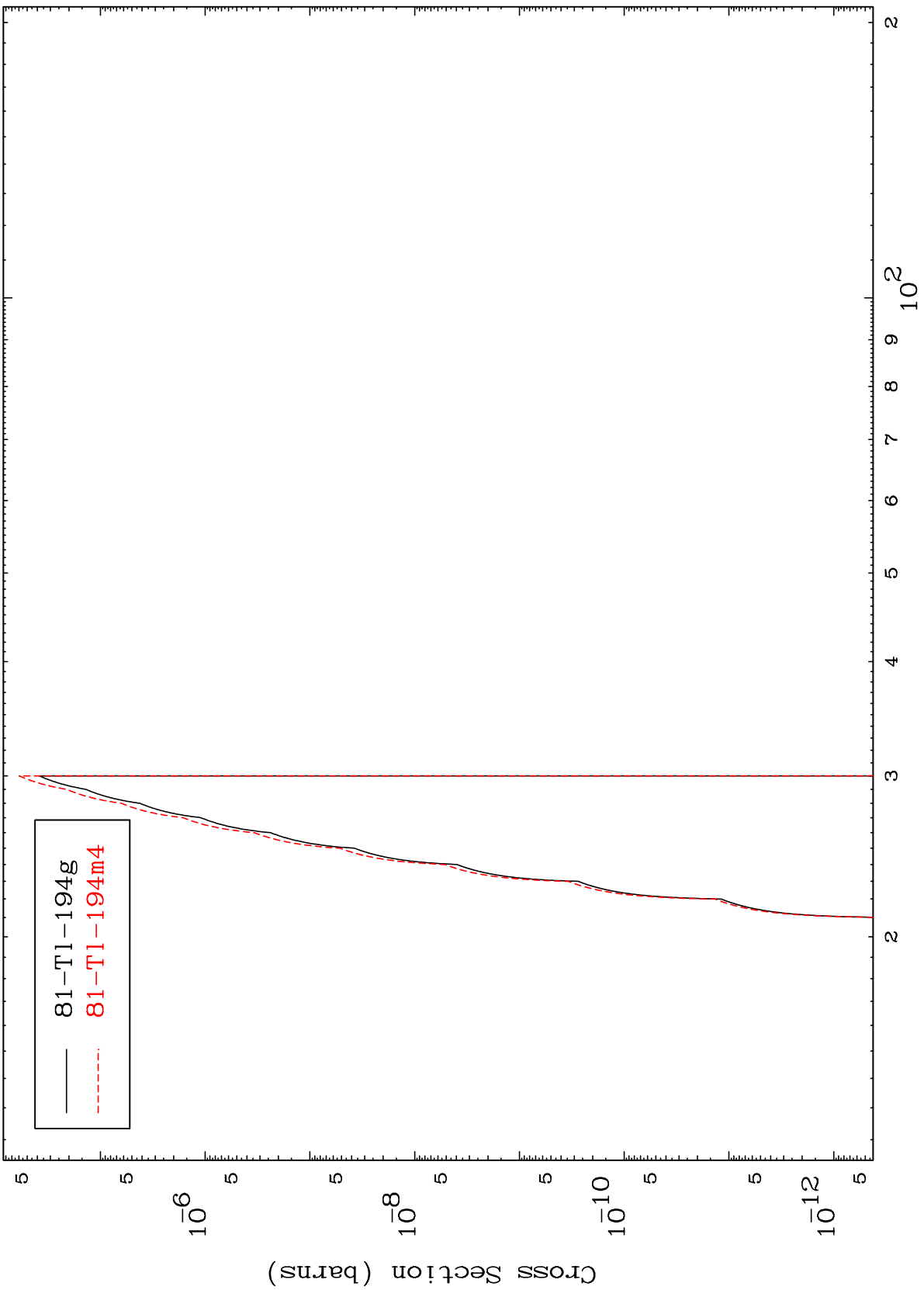
— 81-Tl-195g
- - - 81-Tl-195m2

Incident Energy (MeV)

^{83}Bi -200m

25

Radionuclide Production Cross Section

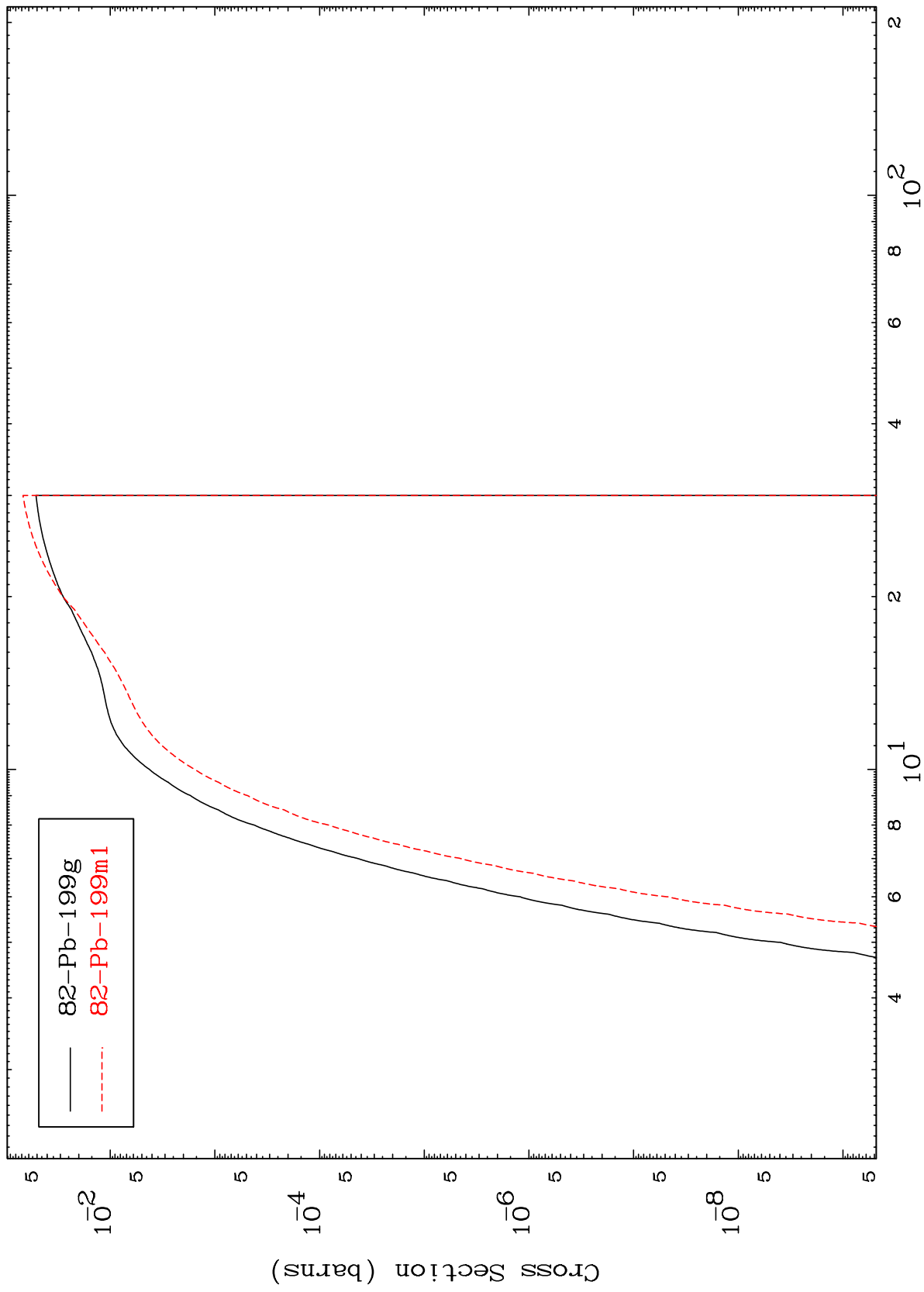


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(n,n') p

83-Bi-200m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

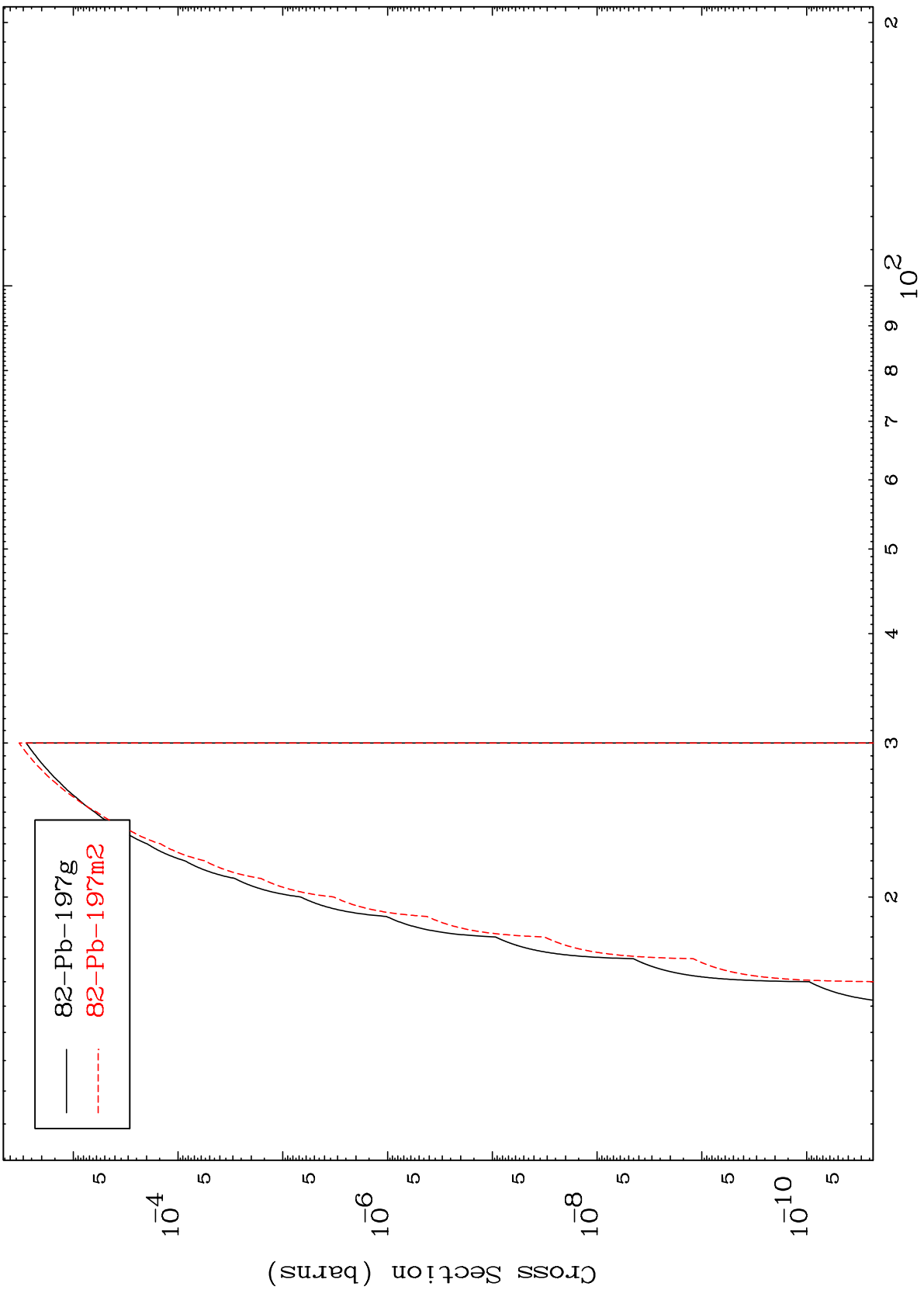
83-Bi-200m

MAT 8299

(n,n') t

83-Bi-200m

Radionuclide Production Cross Section



28

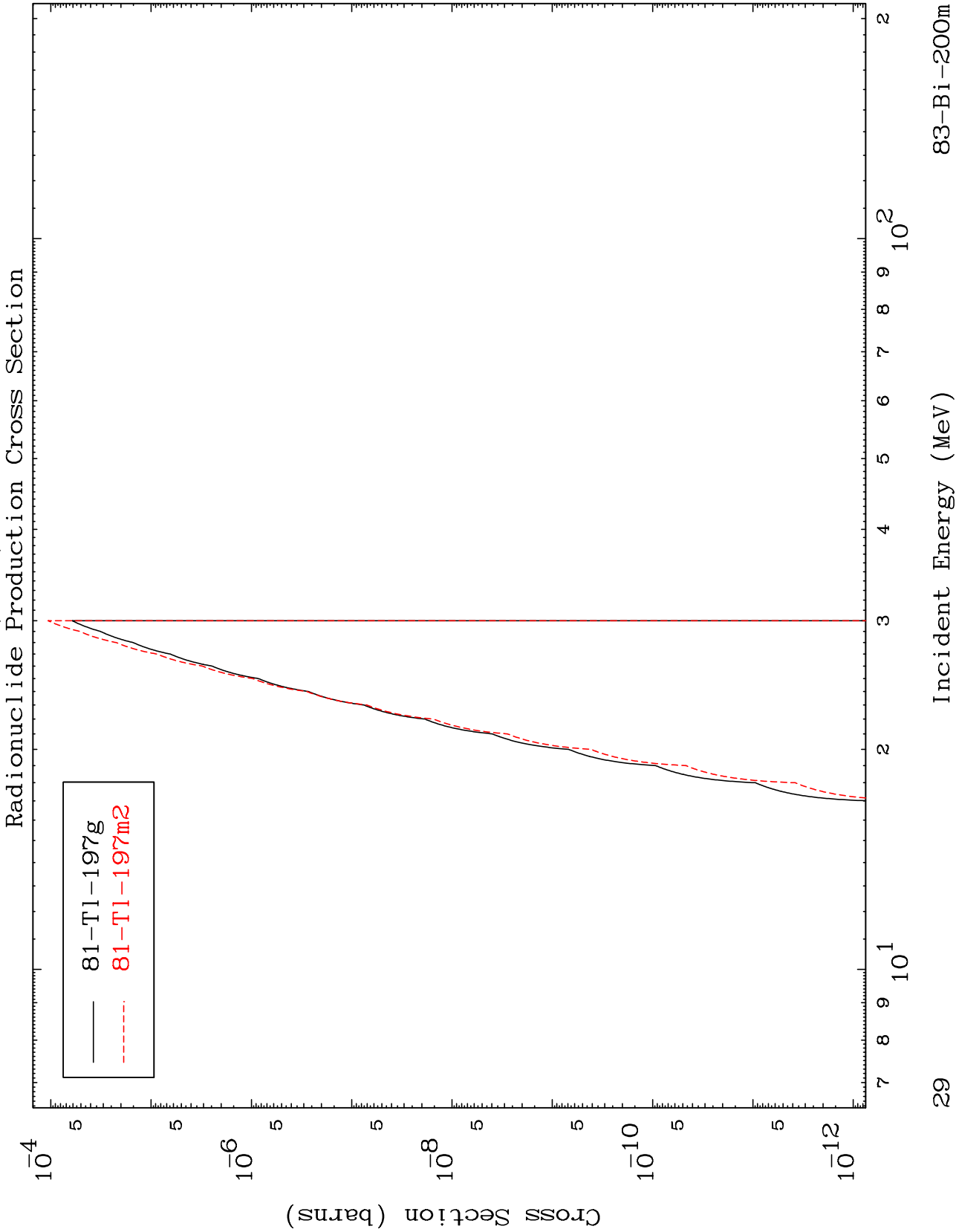
Incident Energy (MeV)

83-Bi-200m

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(n,n') He-3

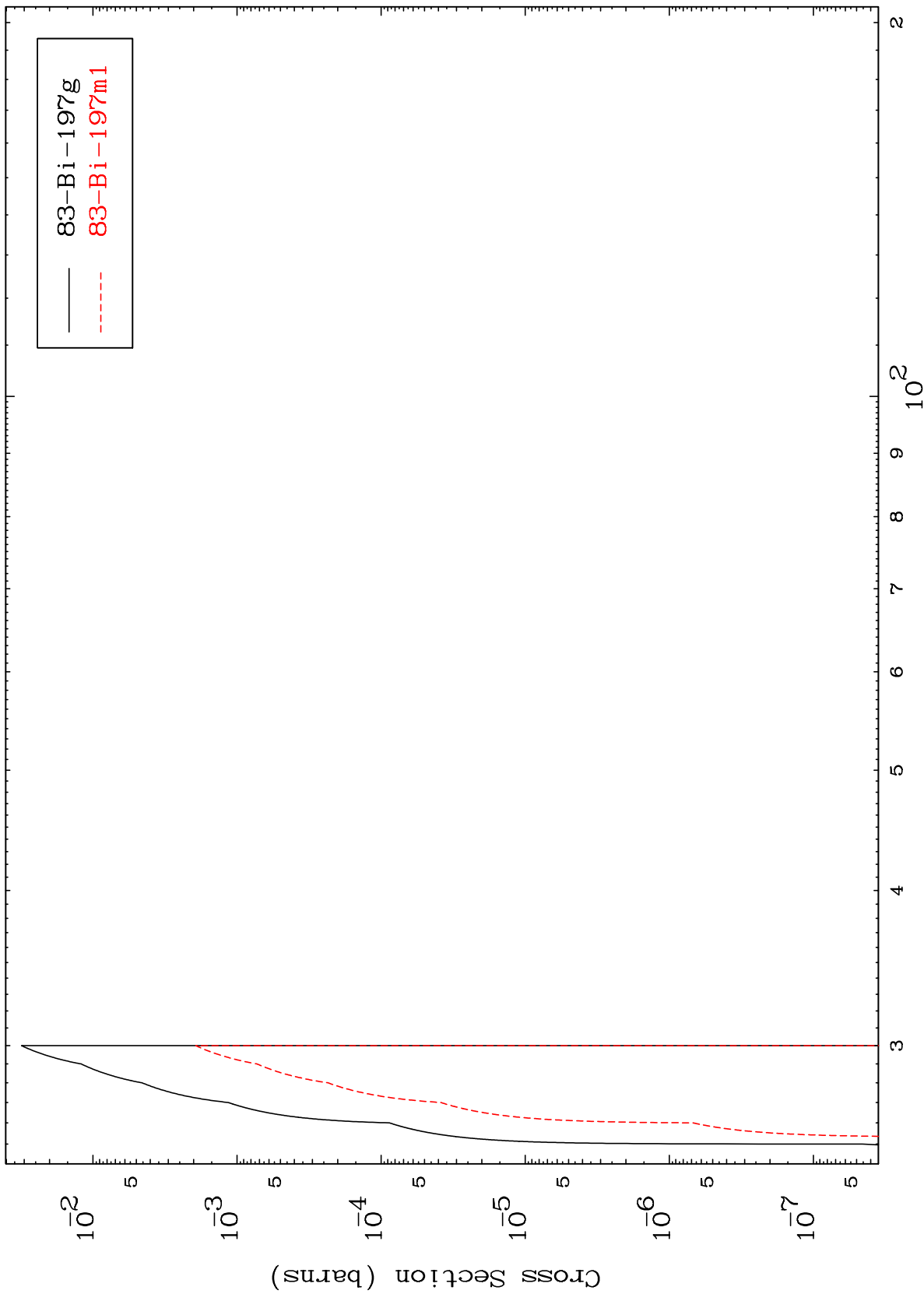
83-Bi-200m



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83-Bi-200m

(n,4n)
Radionuclide Production Cross Section



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

83-Bi-200m

Incident Energy (MeV)

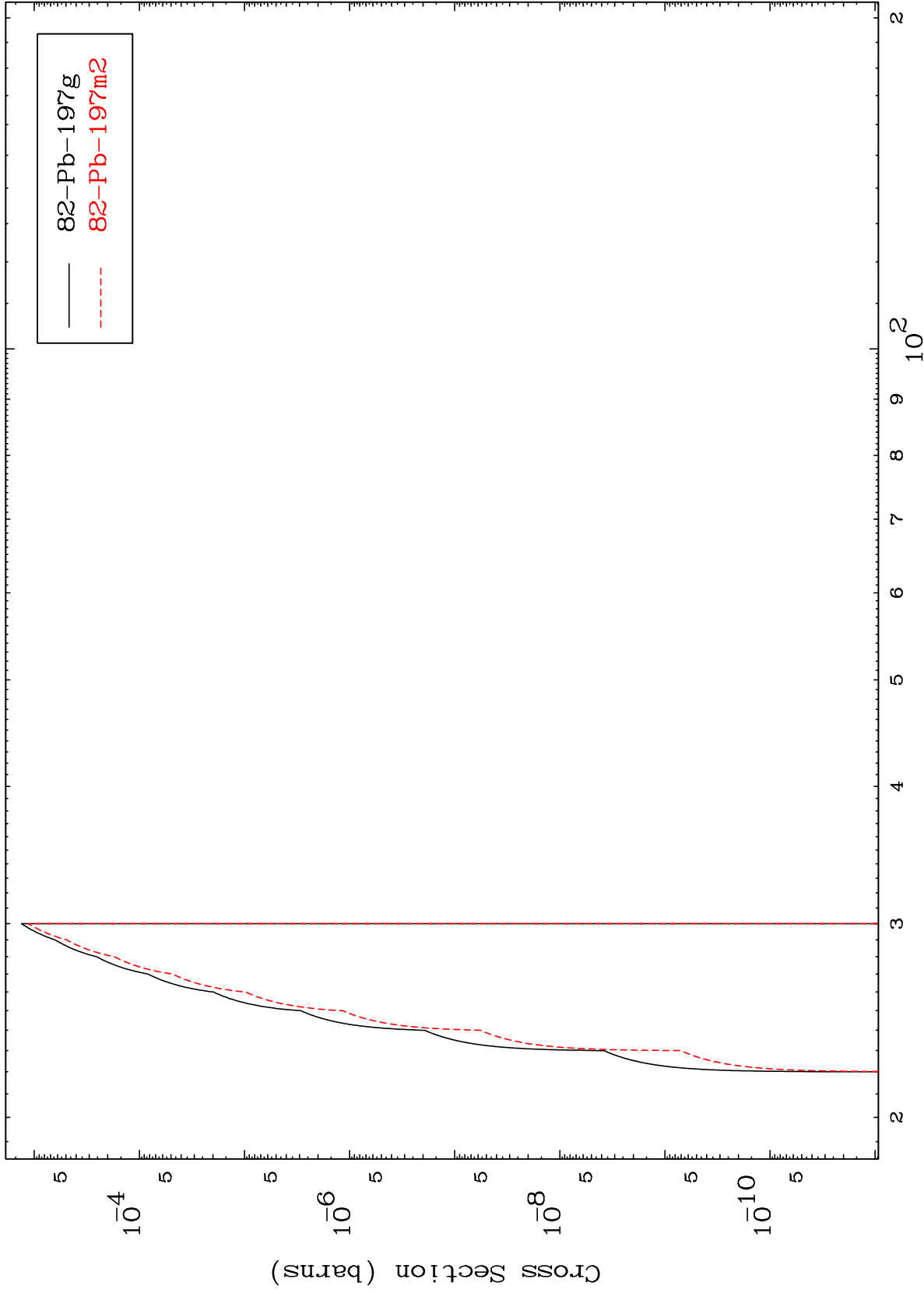
30

MAT 8299

(n,3n) p

83-Bi-200m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

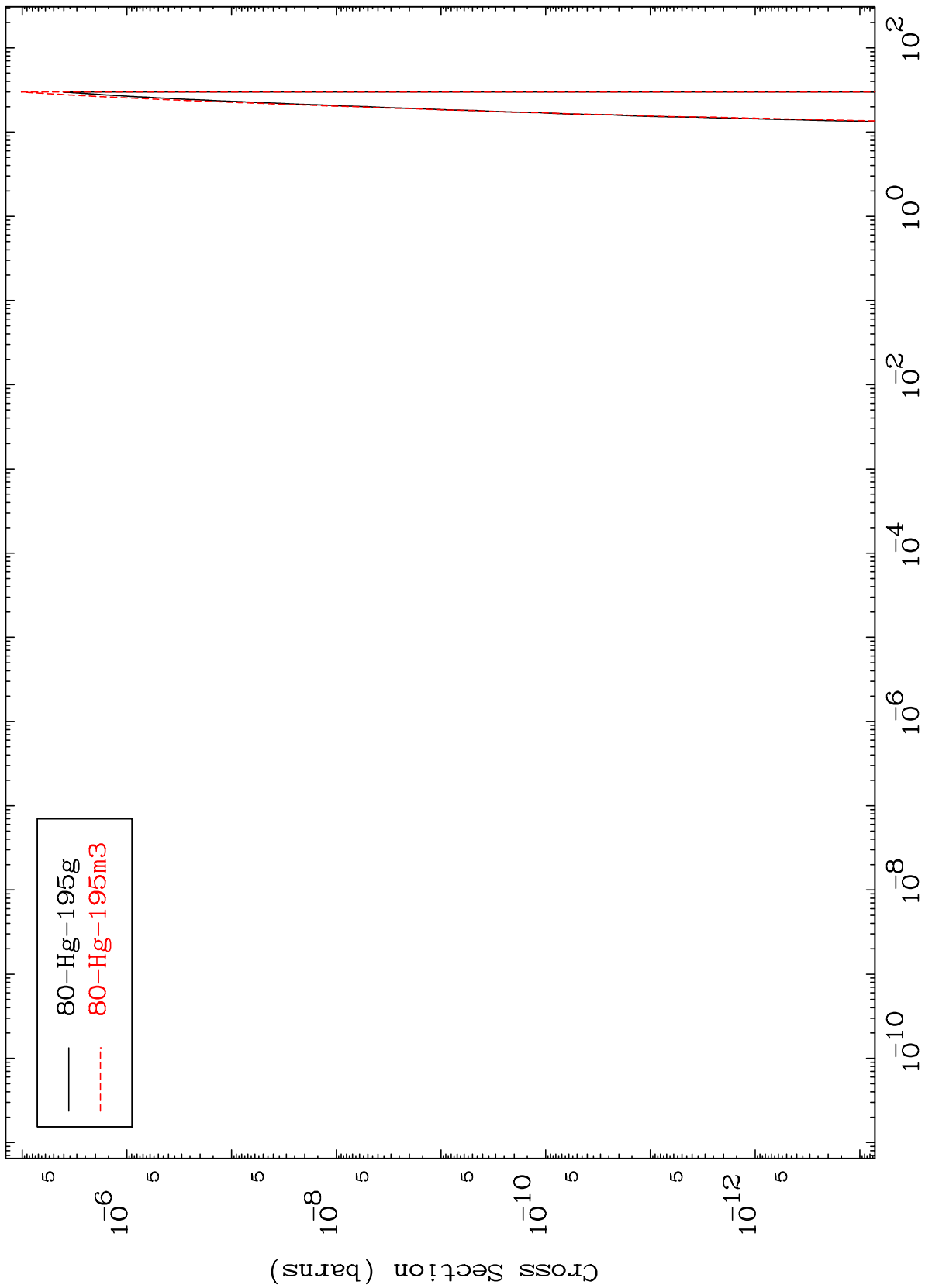
83-Bi-200m

MAT 8299

(n,n') p α

83-Bi-200m

Radionuclide Production Cross Section



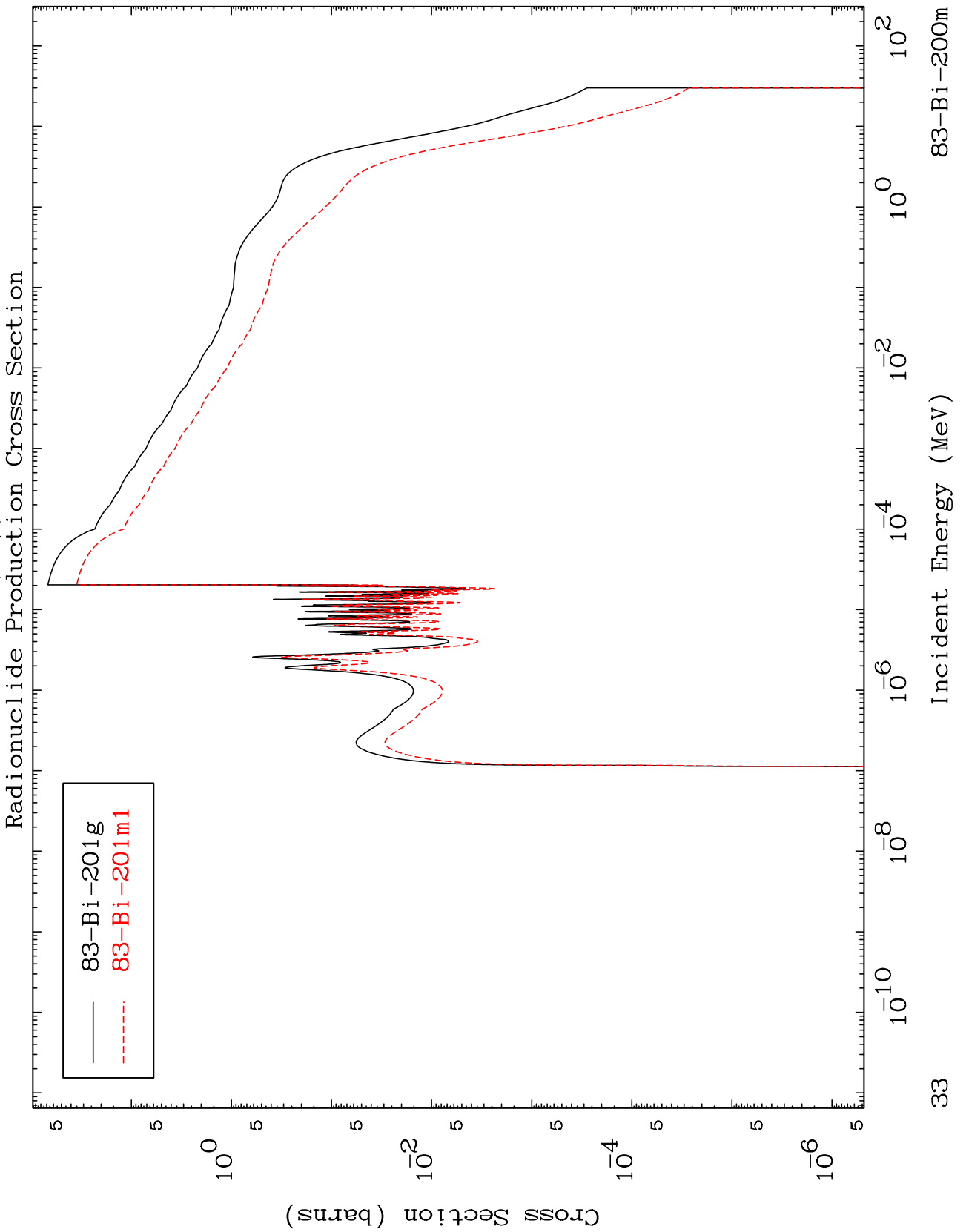
32

Incident Energy (MeV)

83-Bi-200m

MAT 8299

$^{83}\text{Bi}-200\text{m}$

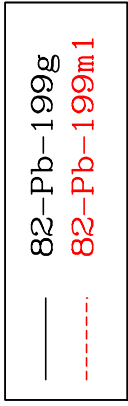
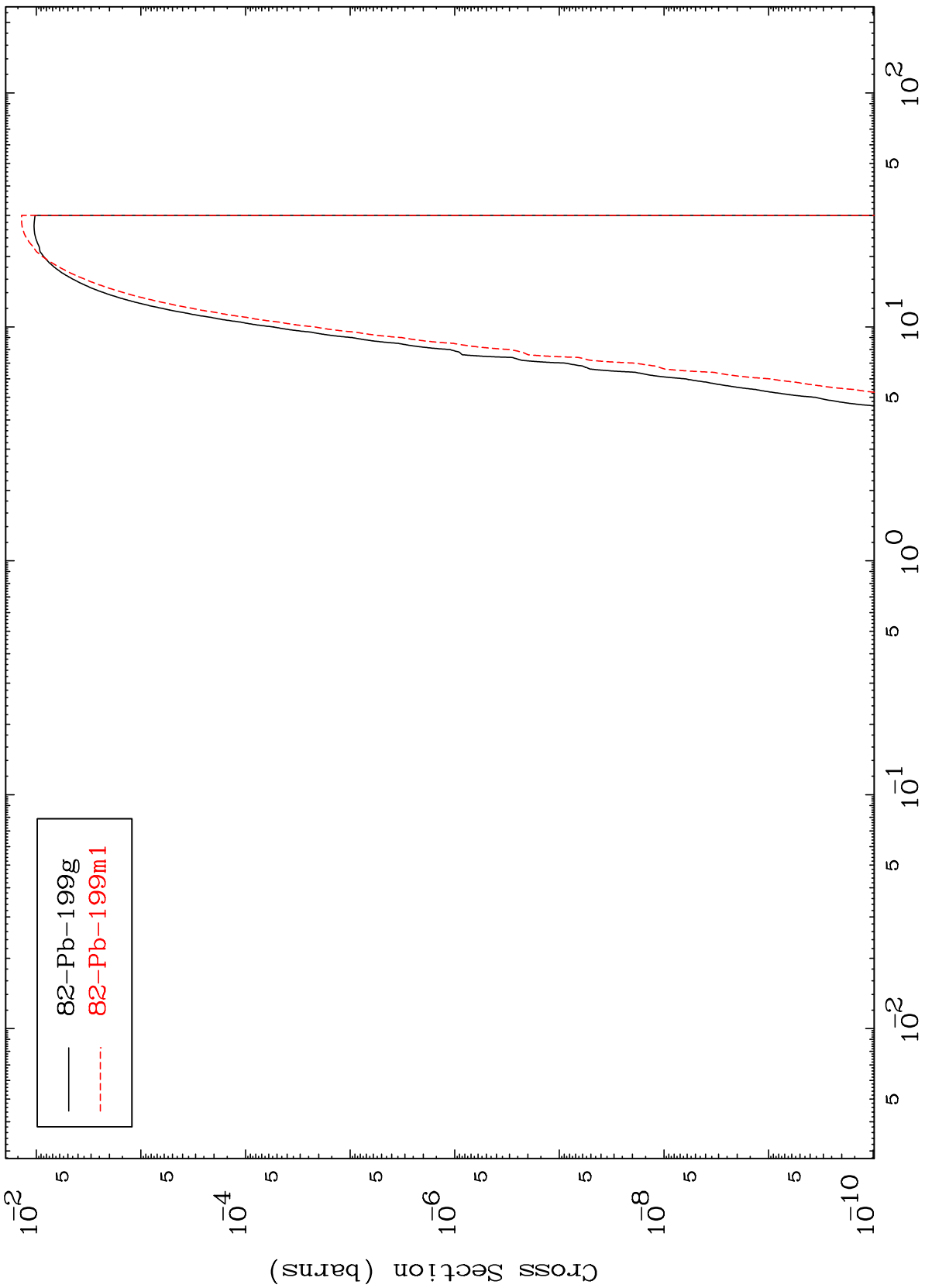


MAT 8299

(n,d)

83-Bi-200m

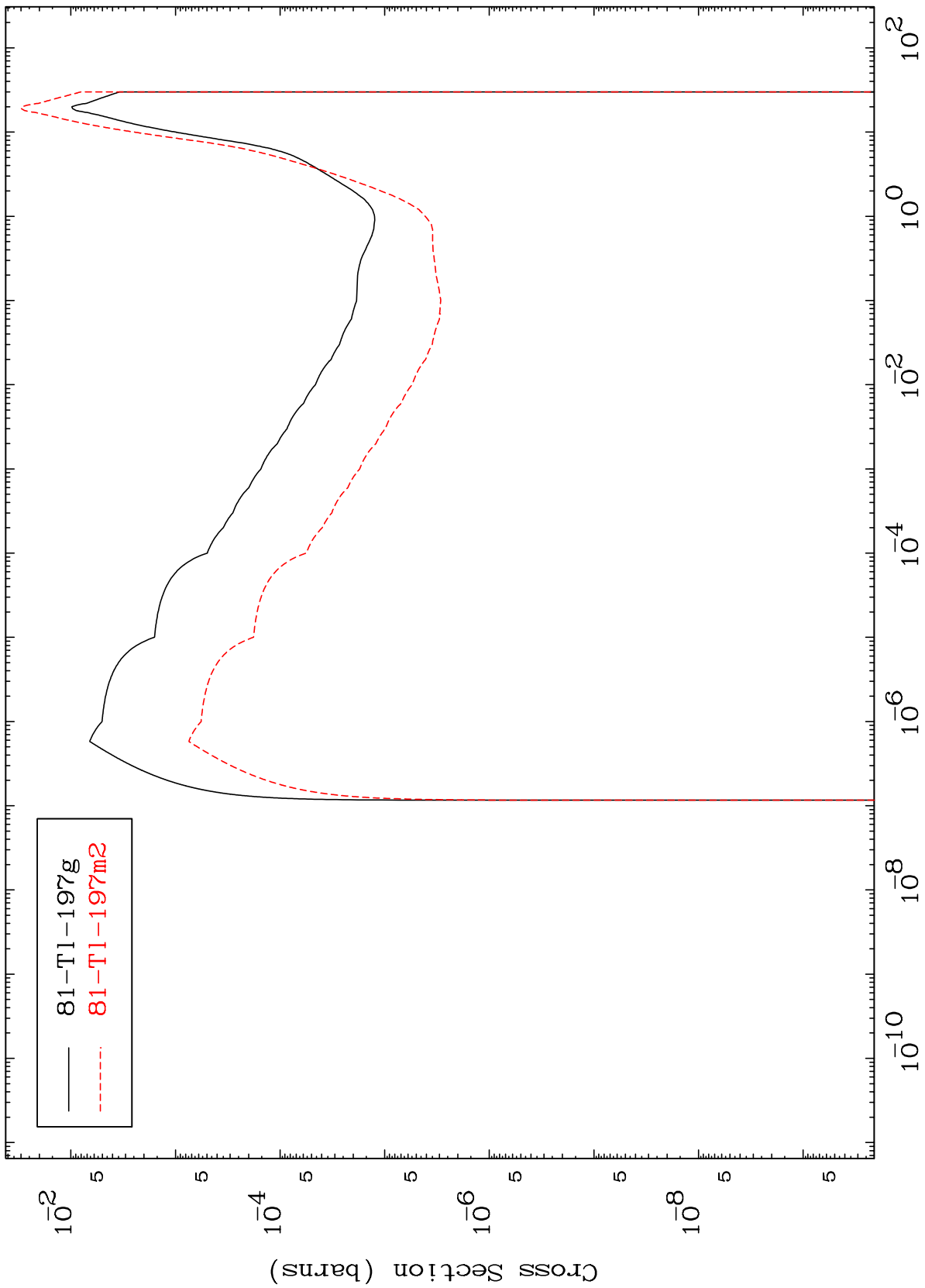
Radionuclide Production Cross Section



MAT 8299

83-Bi-200m

Radionuclide Production Cross Section
(n, α)

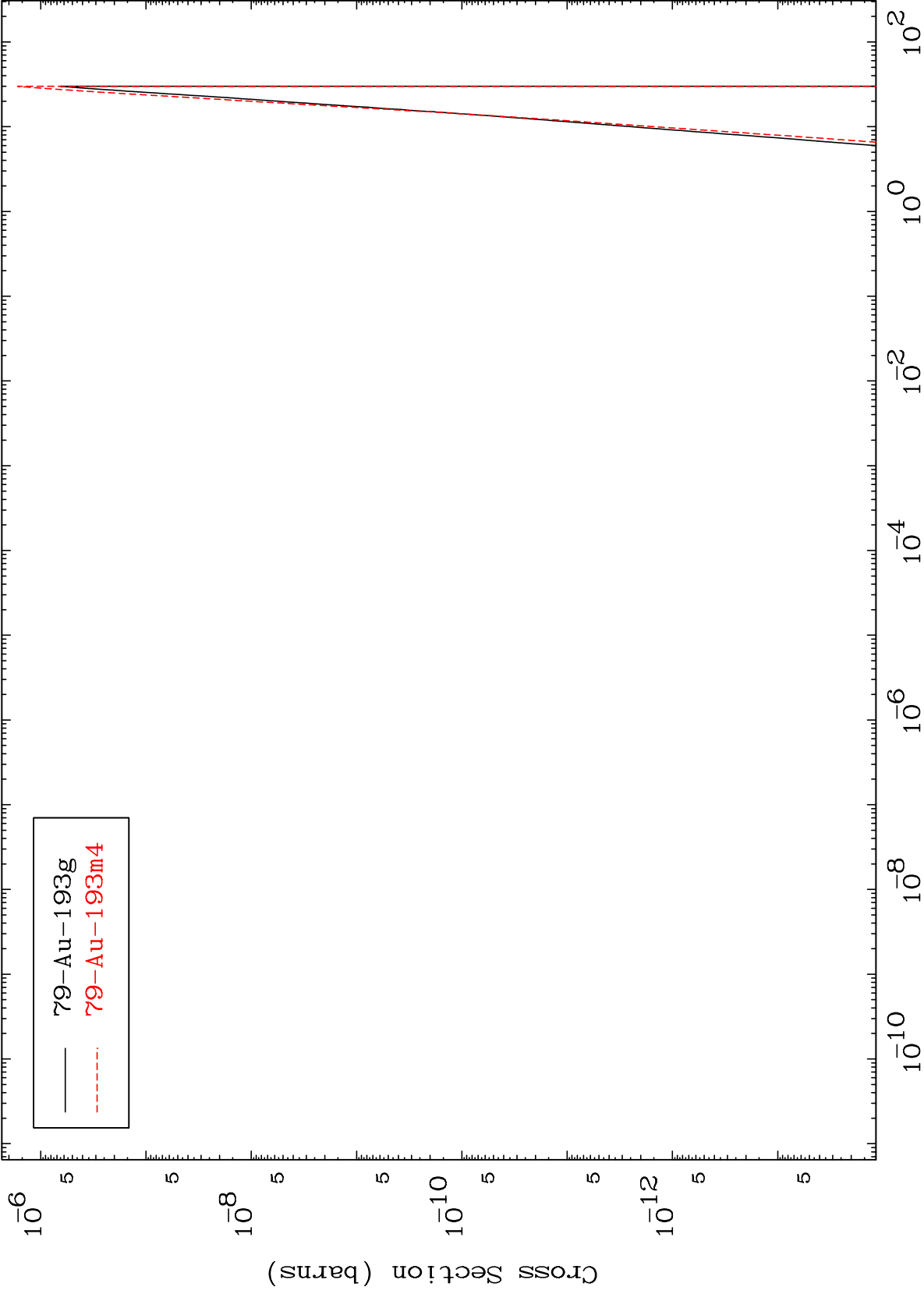


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(n,2α)

83-Bi-200m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

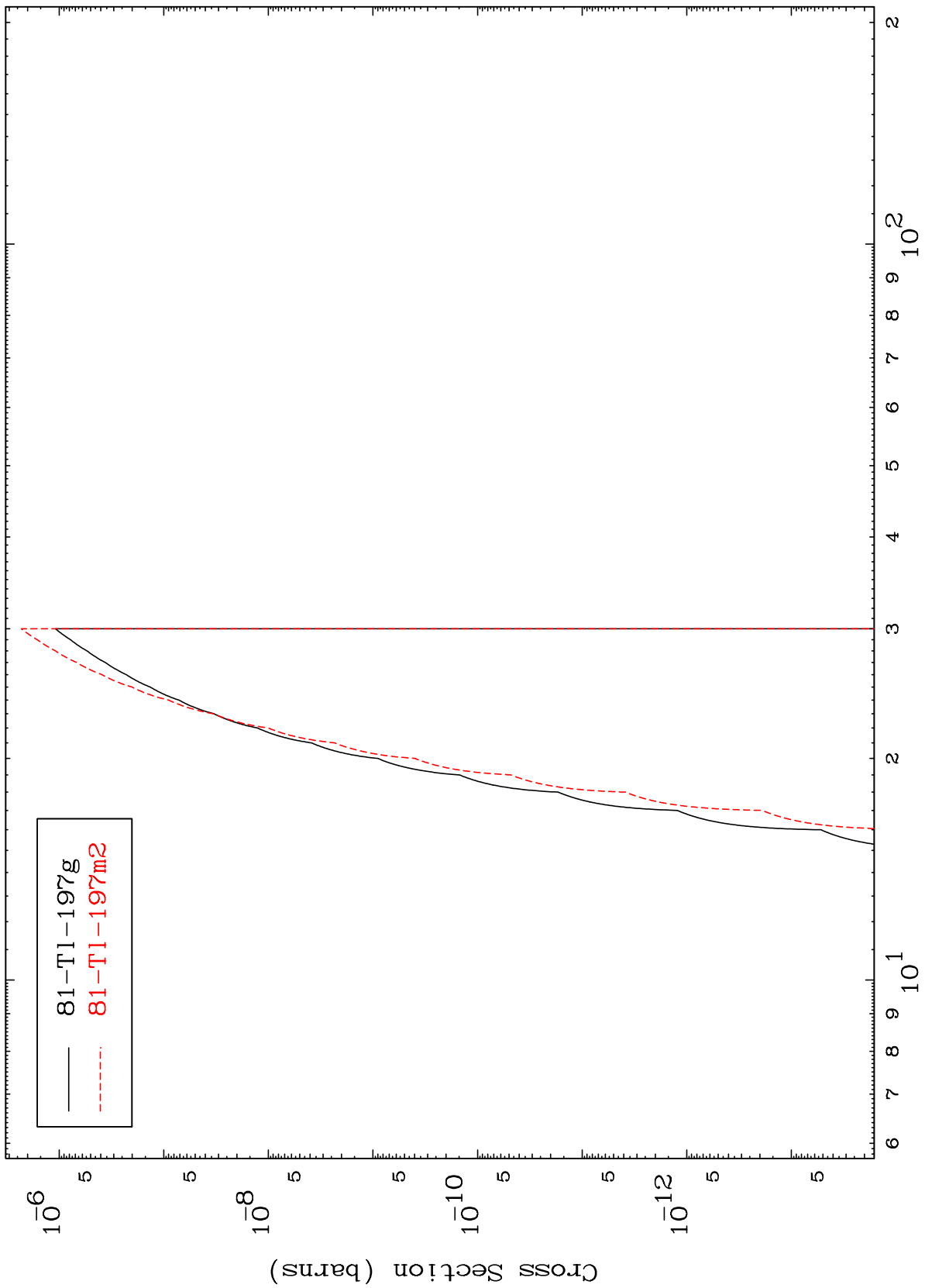
83-Bi-200m

MAT 8299

(n,p) t

83-Bi-200m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,d) α

^{83}Bi -200m

Radionuclide Production Cross Section

