

Program EVALPLOT
(Version 2021-1)

by

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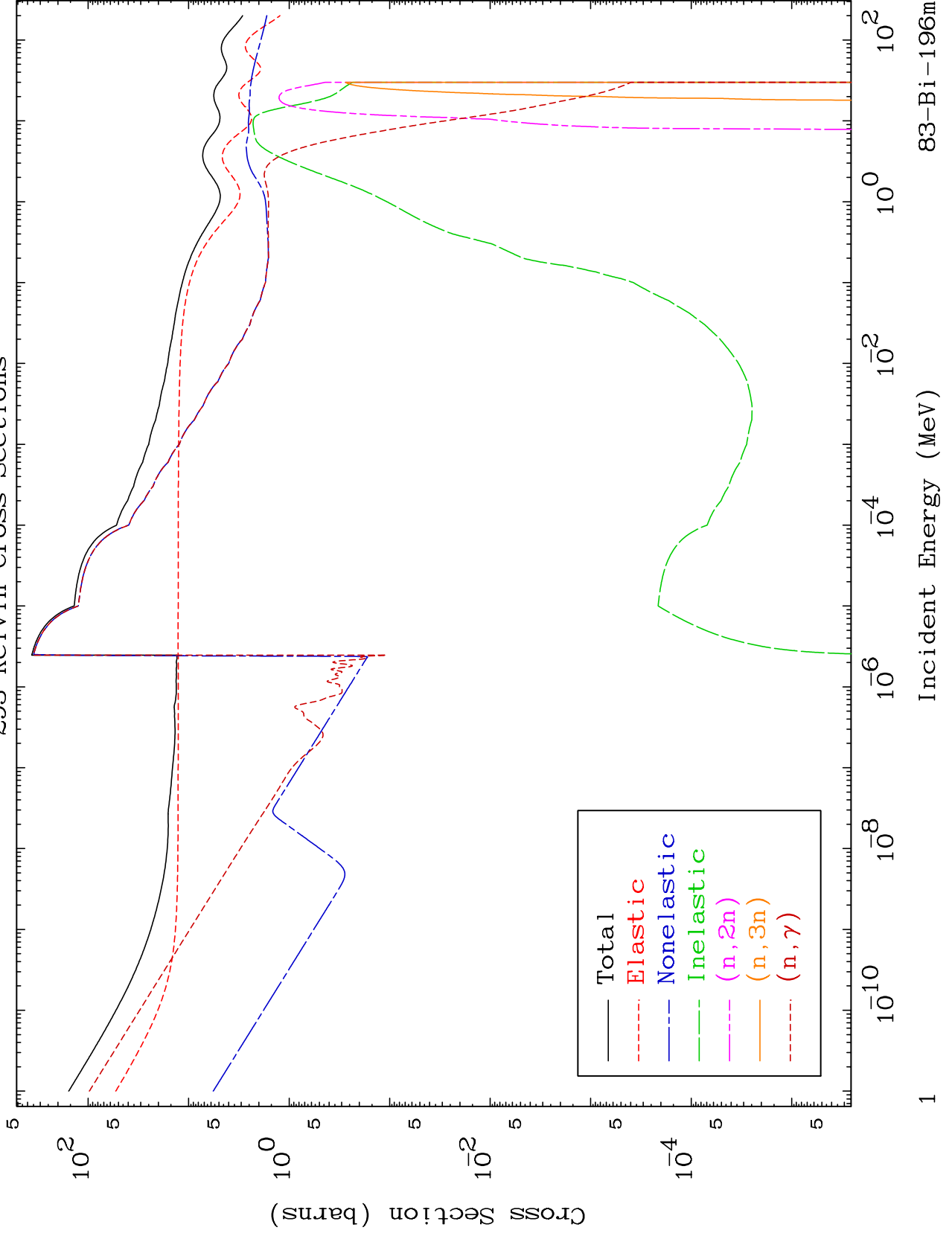
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Press Mouse Button to Start

MAT 8287

Neutron Major
293 Kelvin Cross Sections

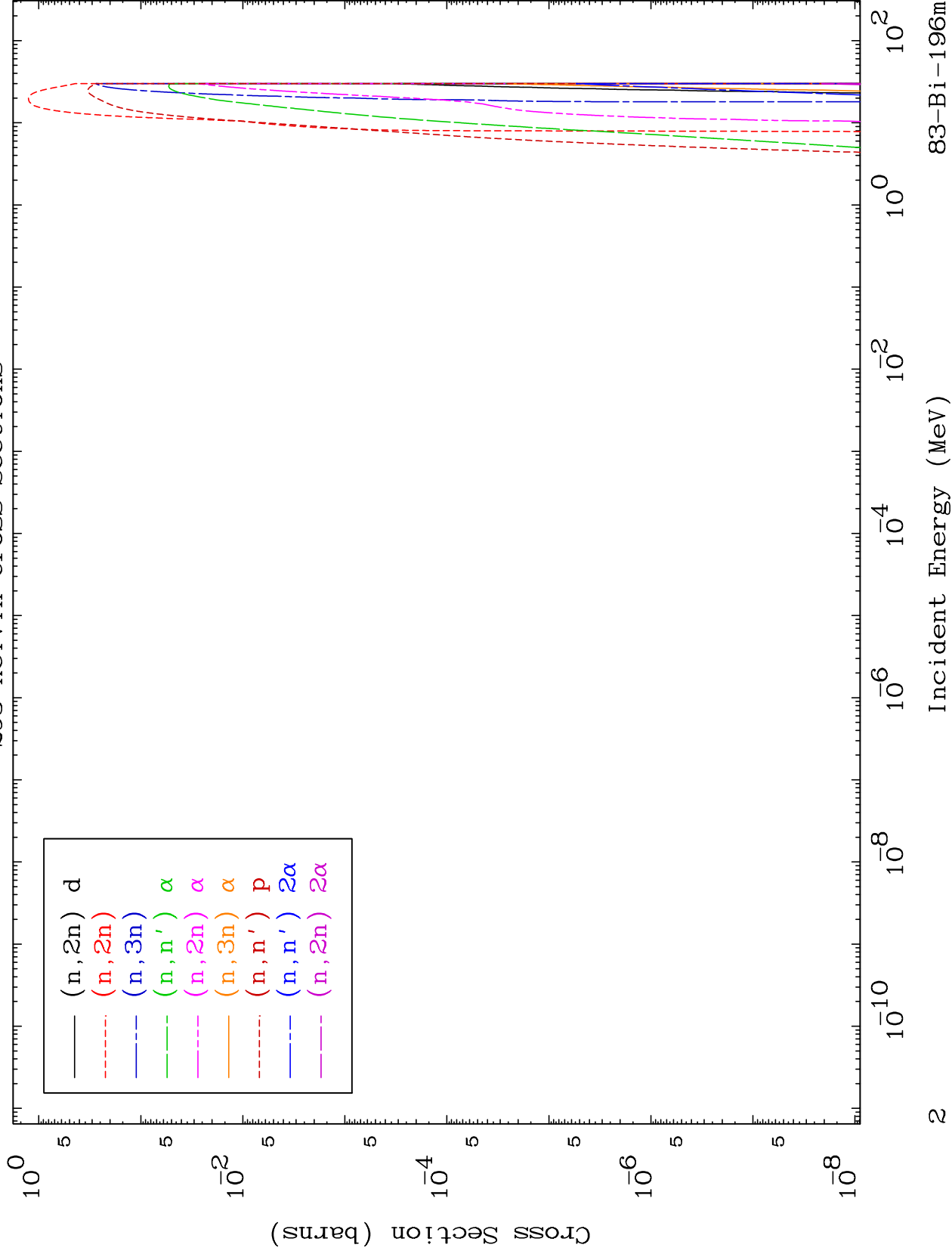
83-Bi-196m



MAT 8287

Neutron Absorption
293 Kelvin Cross Sections

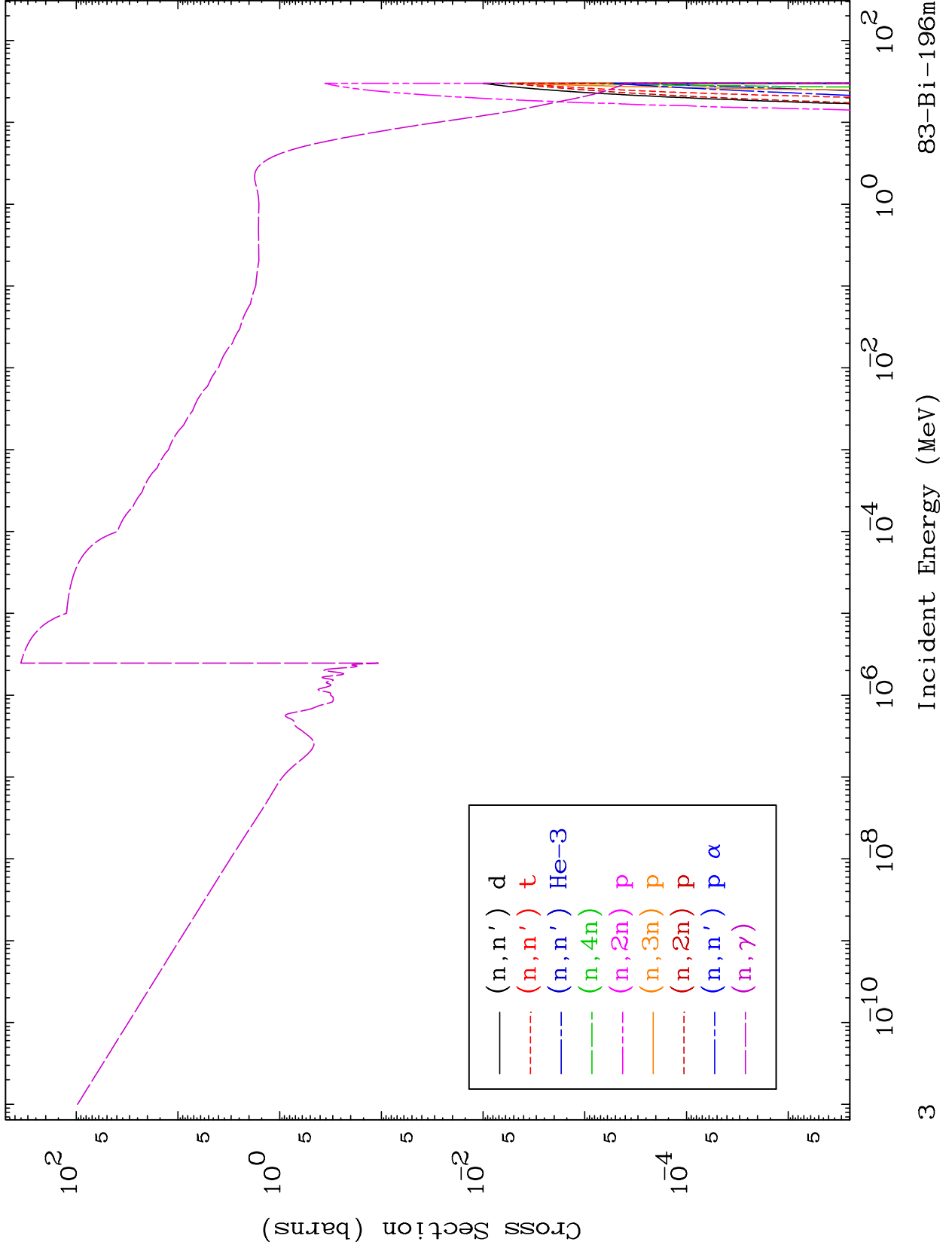
83-Bi-196m



MAT 8287

Neutron Absorption
293 Kelvin Cross Sections

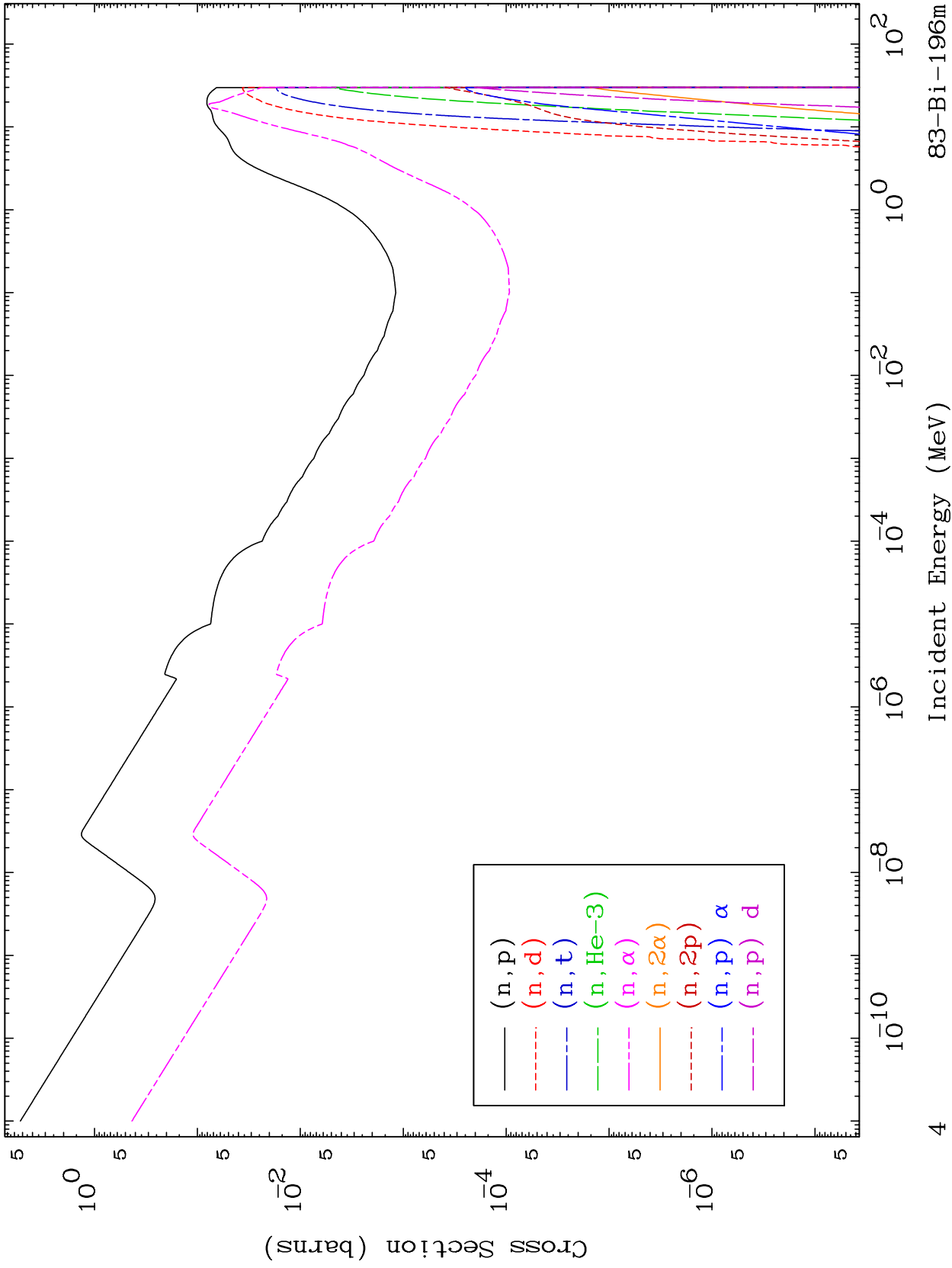
83-Bi-196m



MAT 8287

Neutron Absorption
293 Kelvin Cross Sections

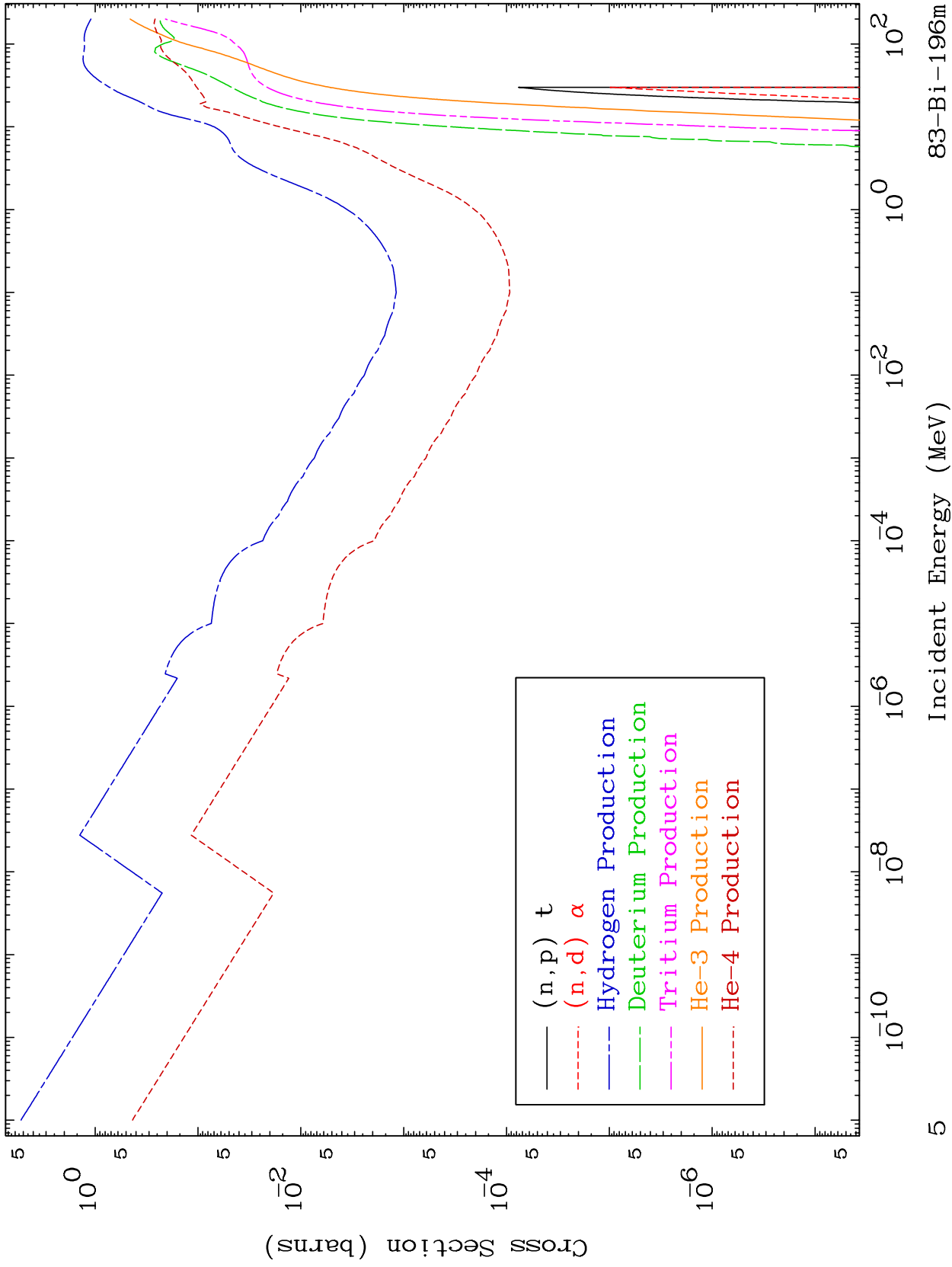
83-Bi-196m



MAT 8287

Neutron Absorption
293 Kelvin Cross Sections

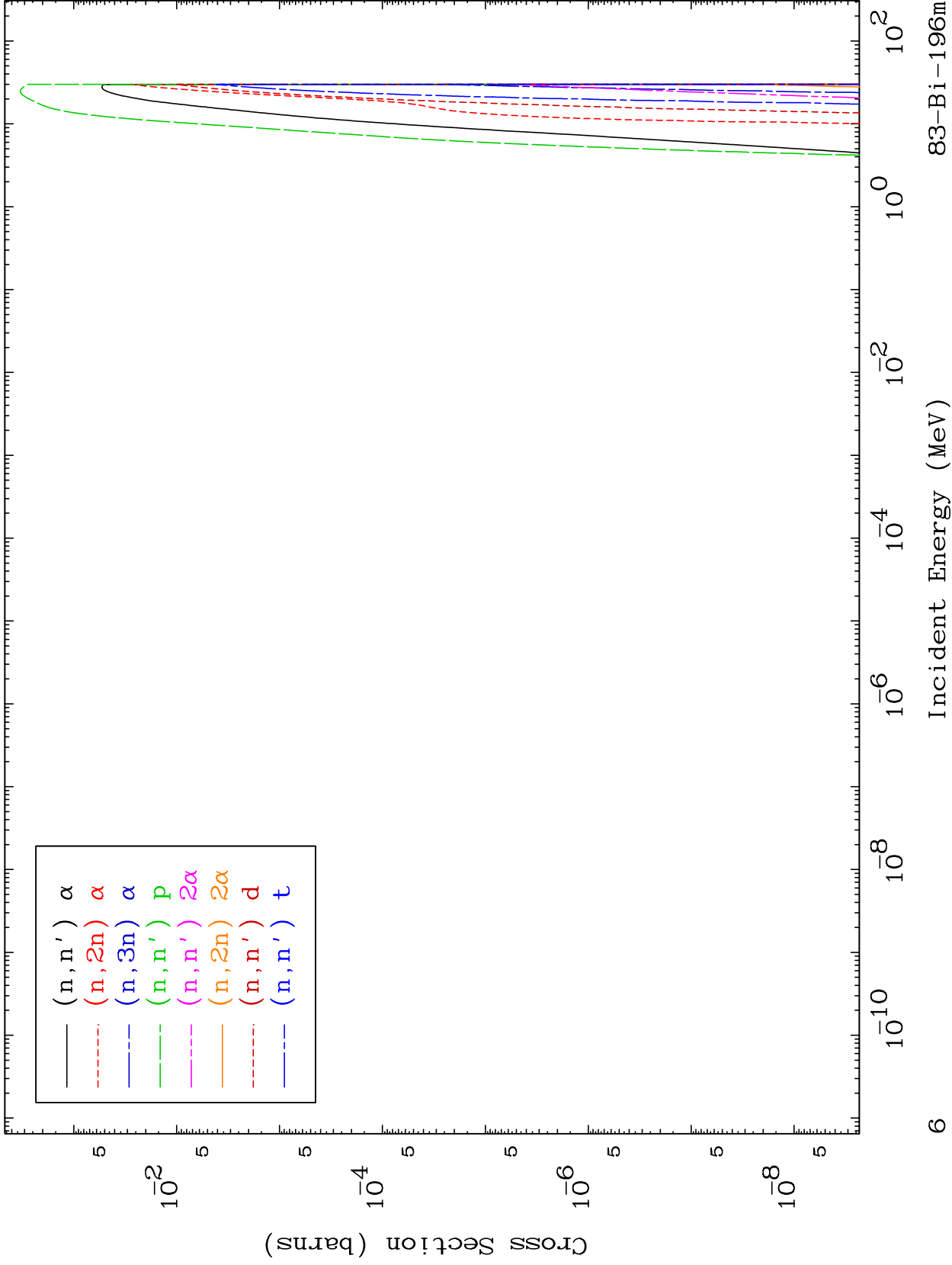
83-Bi-196m



MAT 8287

Charged Particle
293 Kelvin Cross Sections

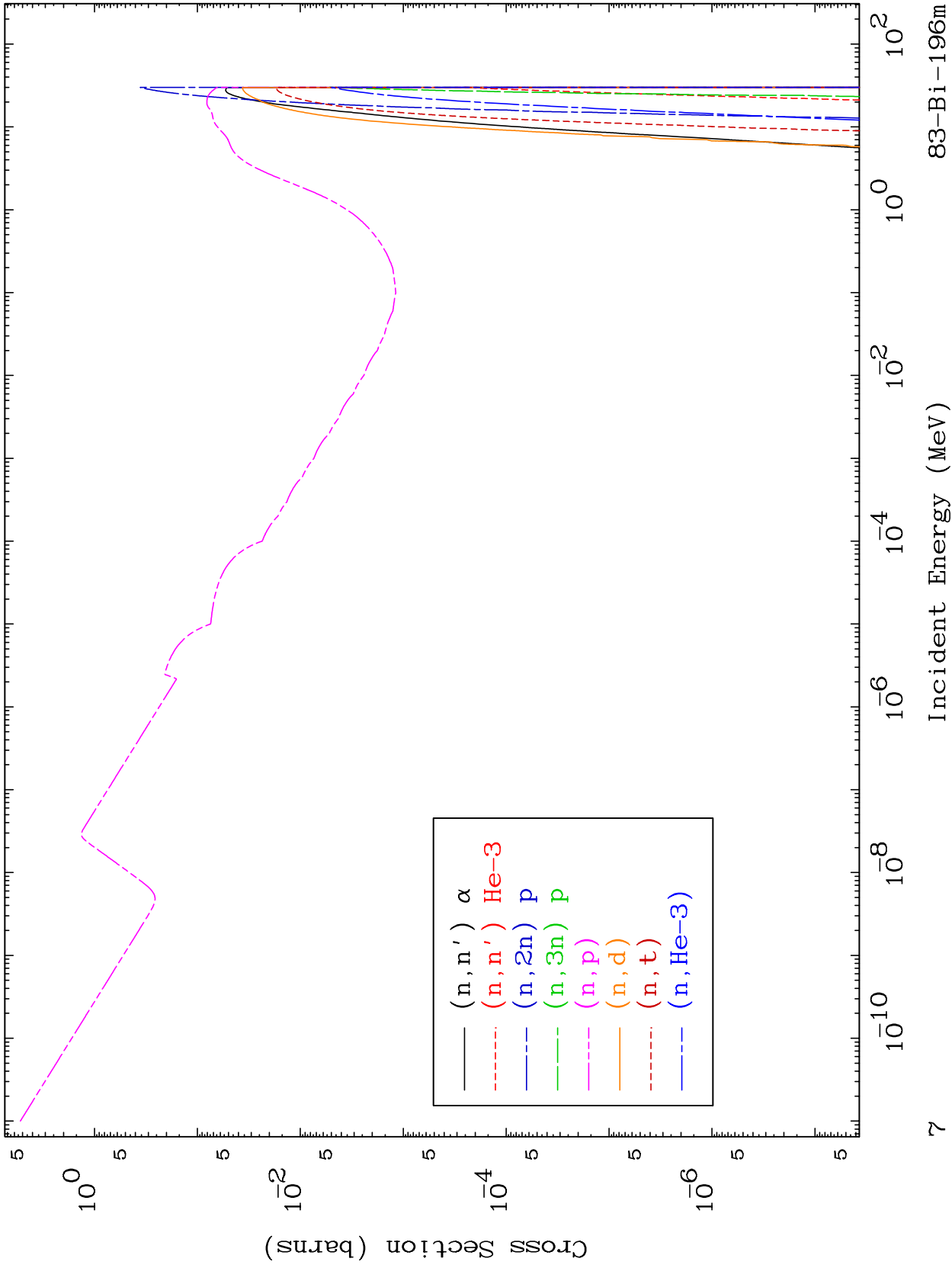
83-Bi-196m



MAT 8287

Charged Particle
293 Kelvin Cross Sections

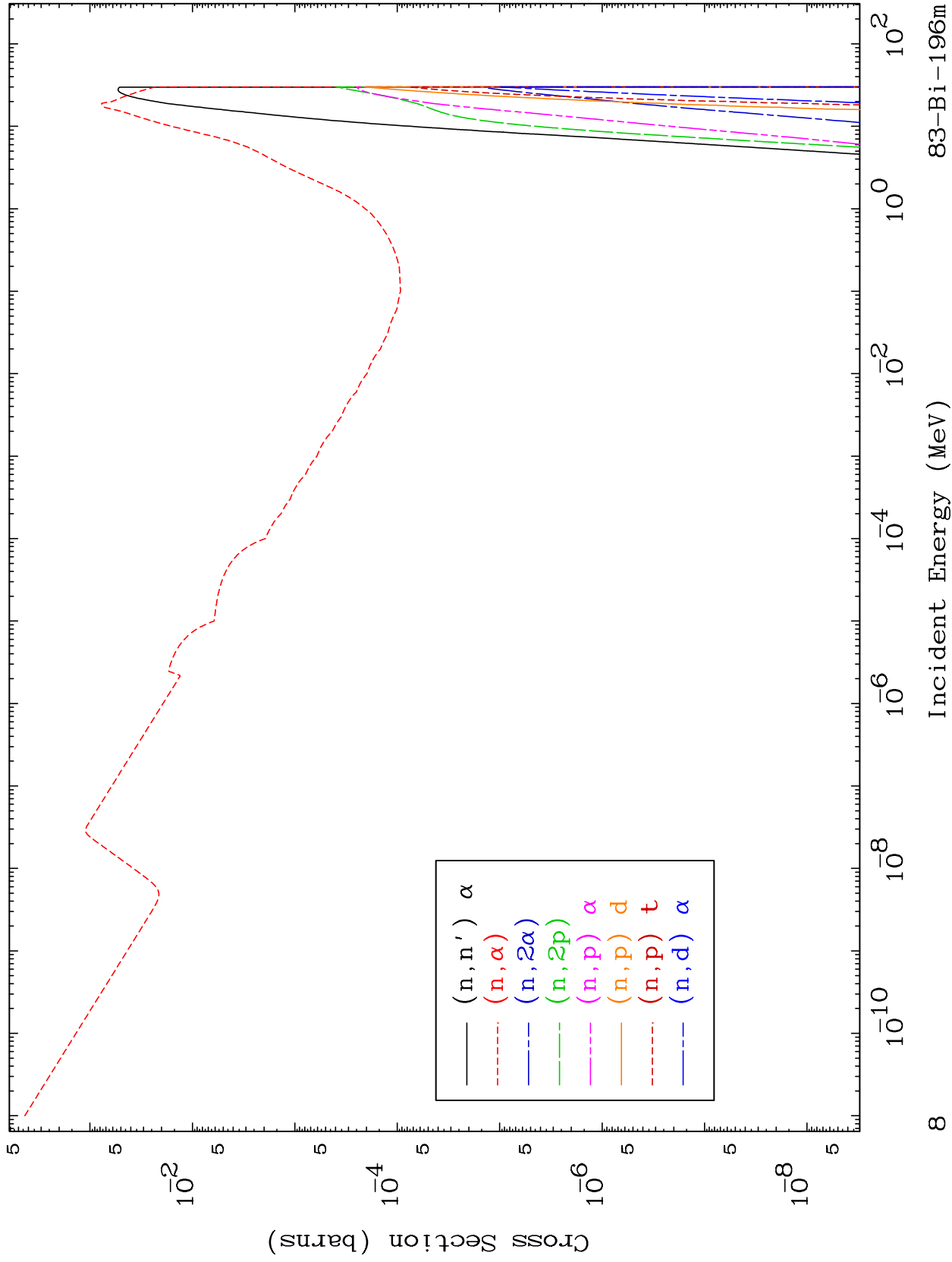
83-Bi-196m



MAT 8287

Charged Particle
293 Kelvin Cross Sections

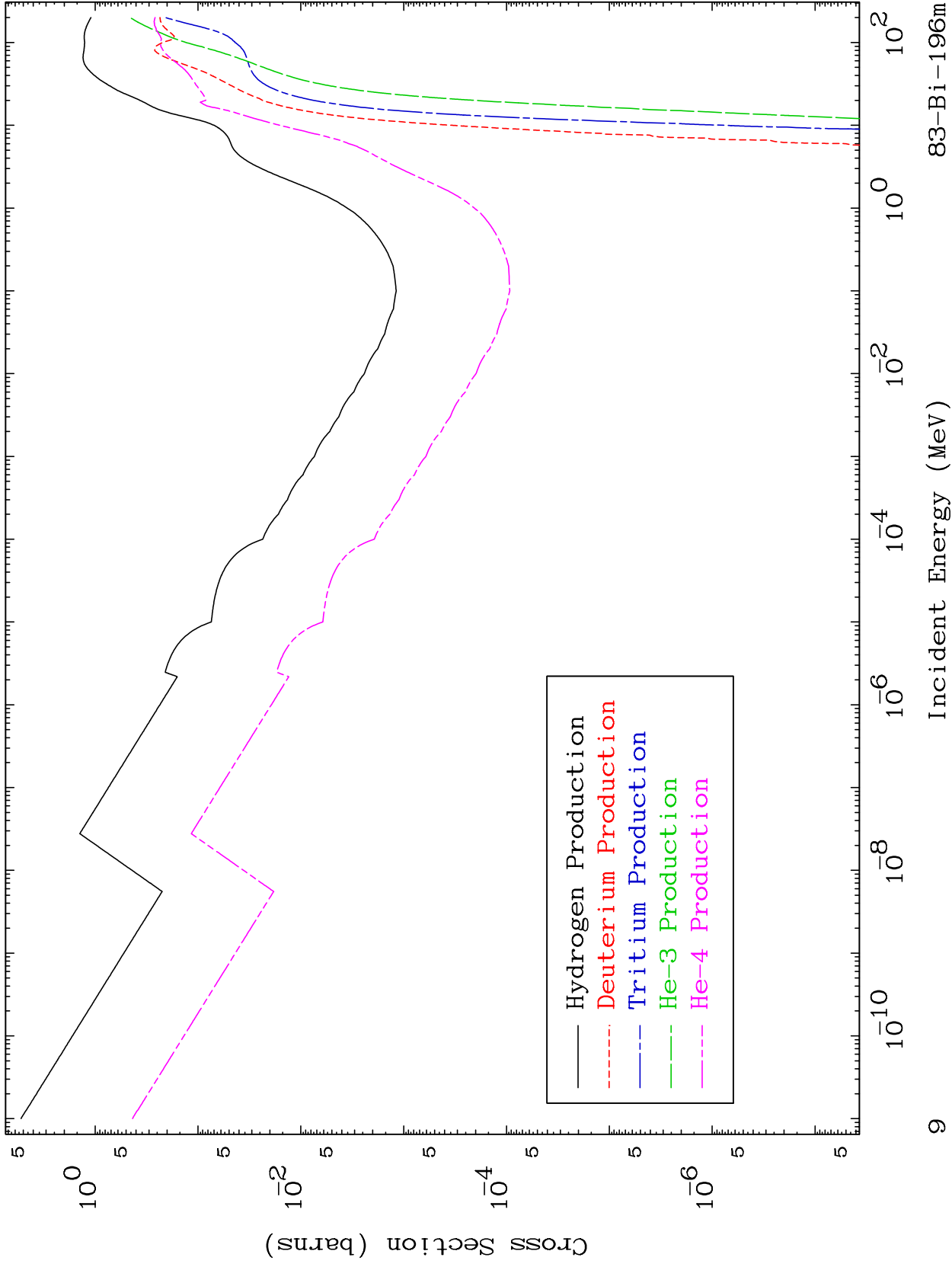
83-Bi-196m



MAT 8287

Particle Production
293 Kelvin Cross Sections

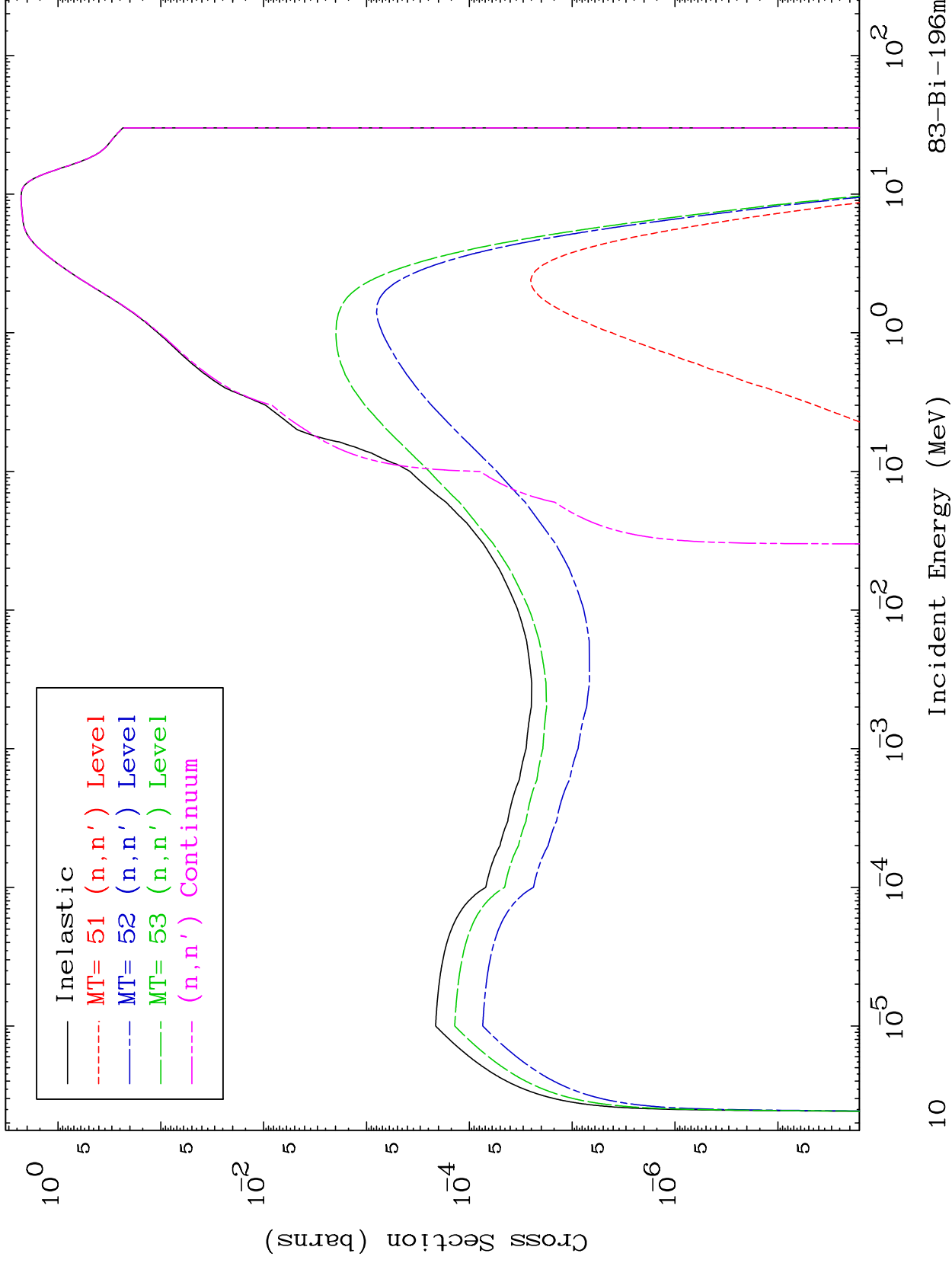
83-Bi-196m



MAT 8287

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-196m

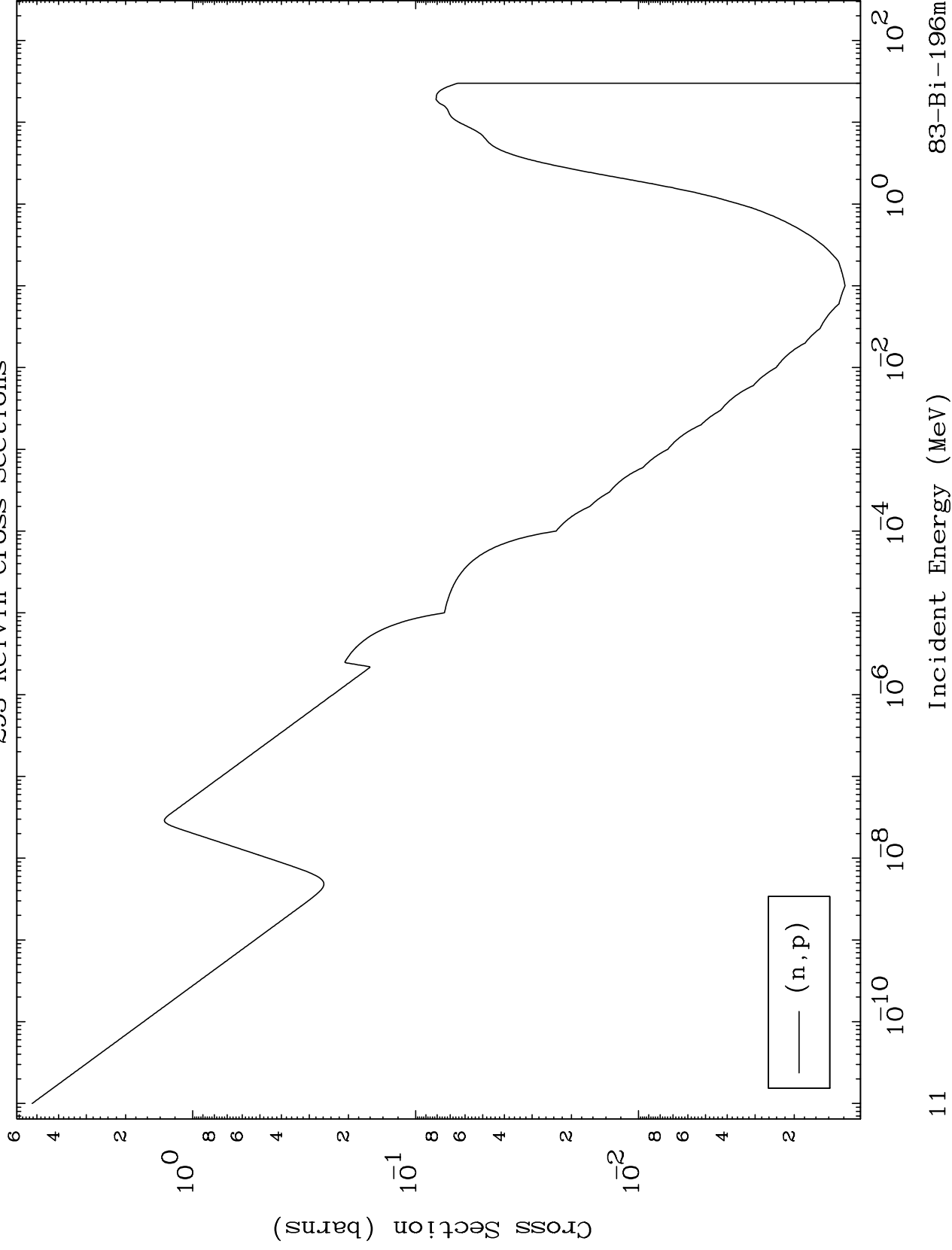


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(n,p) Levels
293 Kelvin Cross Sections

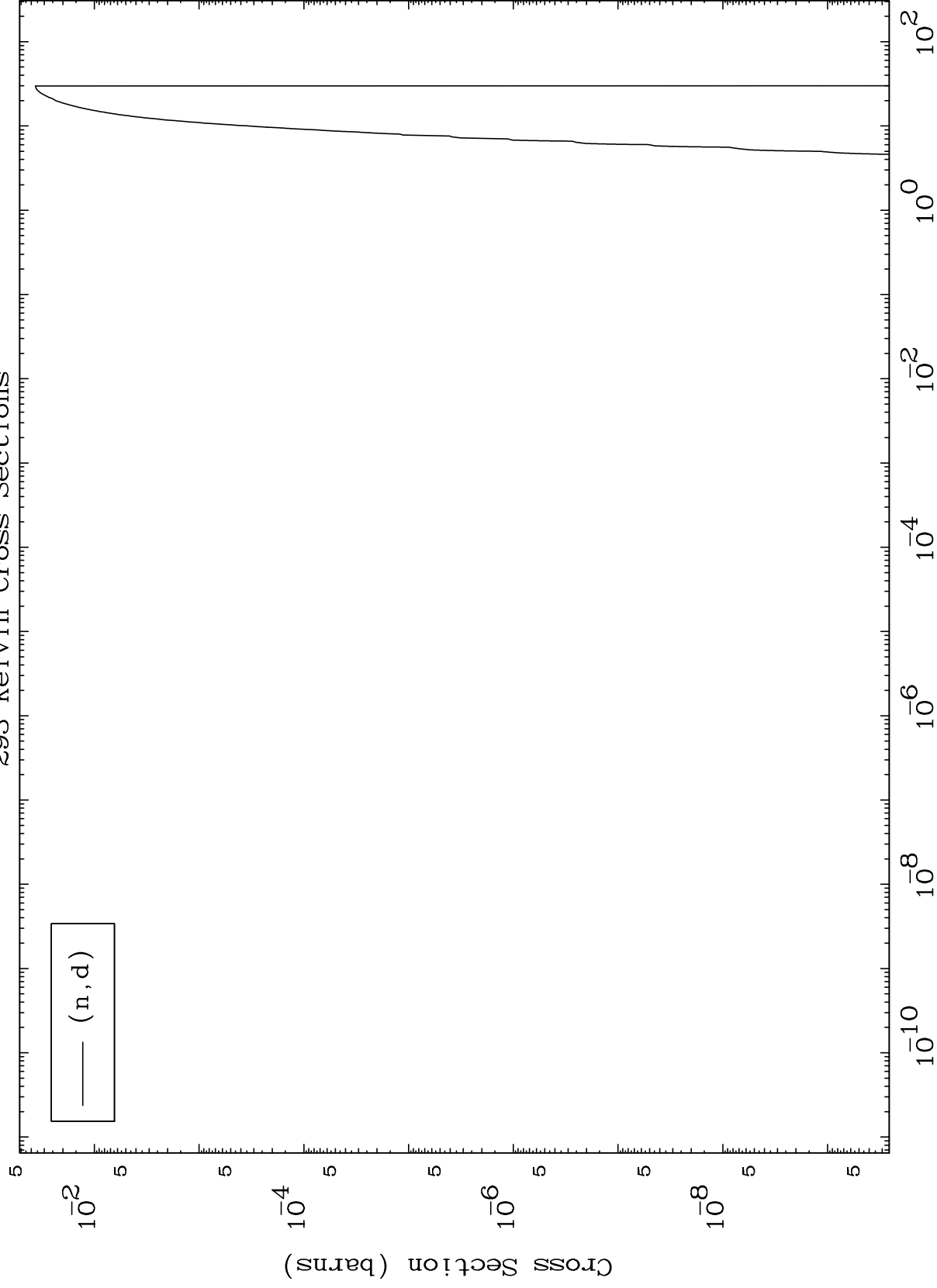
83-Bi-196m



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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-196m



12

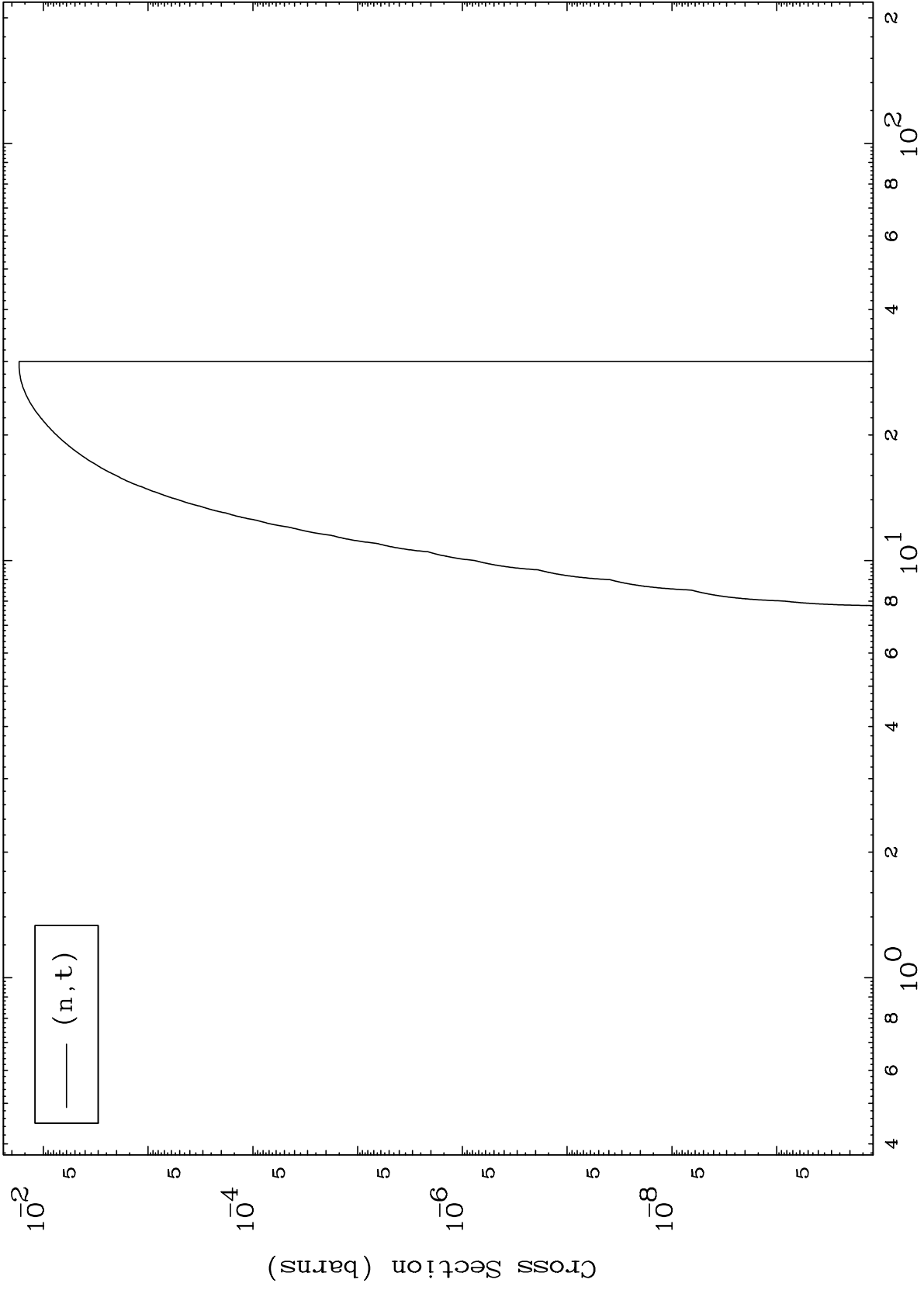
Incident Energy (MeV)

83-Bi-196m

MAT 8287

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-196m



13

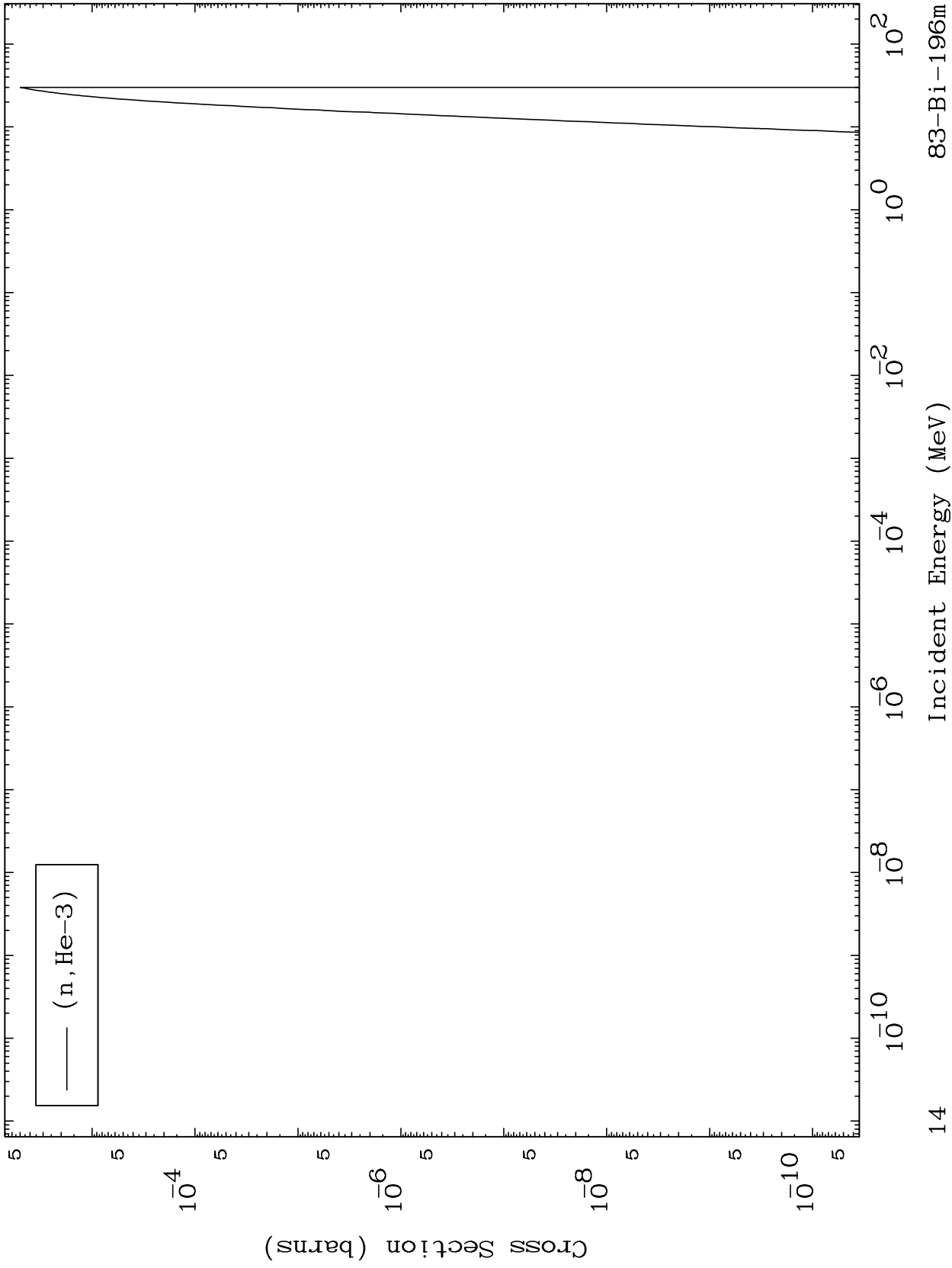
Incident Energy (MeV)

83-Bi-196m

MAT 8287

(n,He3) Levels
293 Kelvin Cross Sections

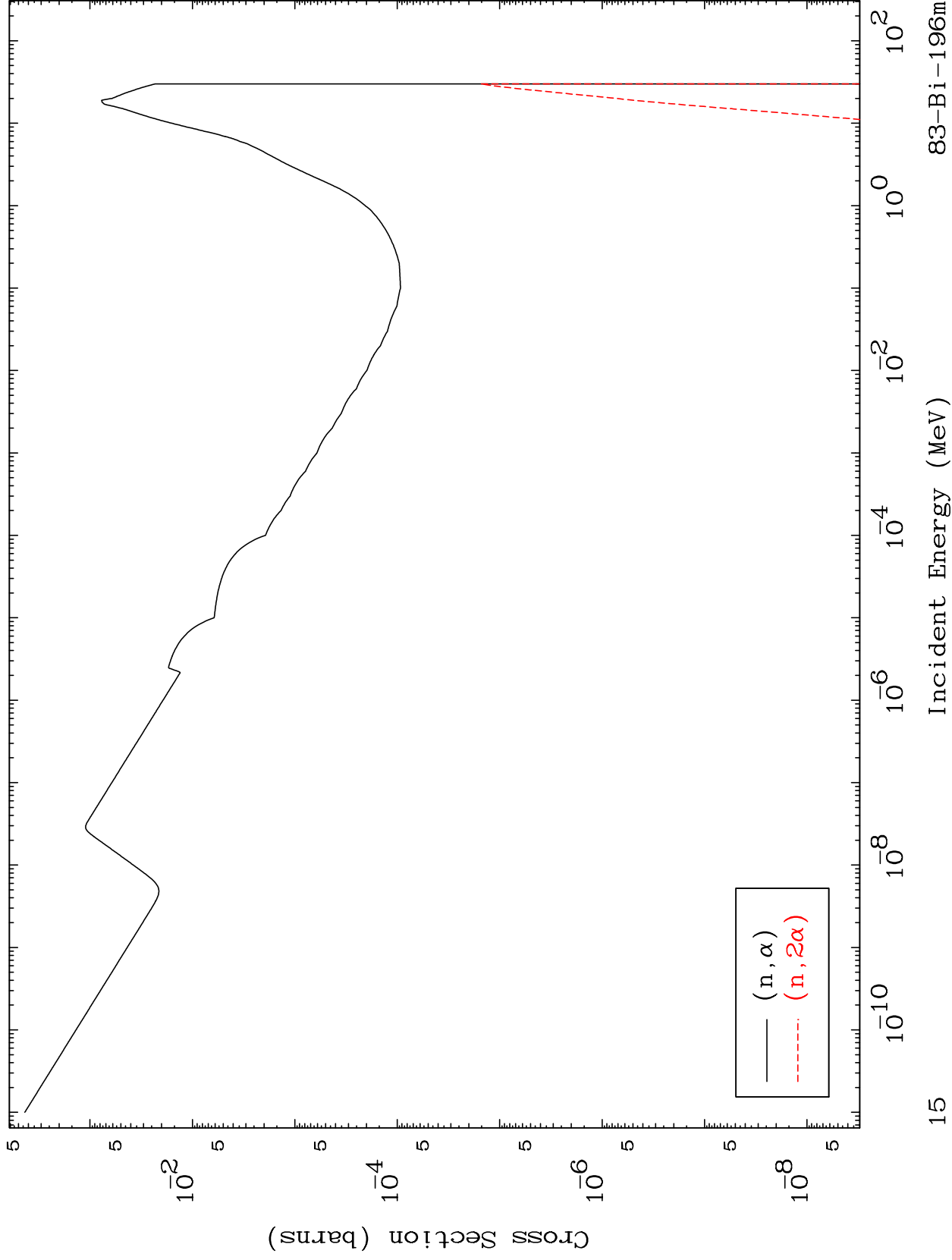
83-Bi-196m



MAT 8287

(n,α) Levels
293 Kelvin Cross Sections

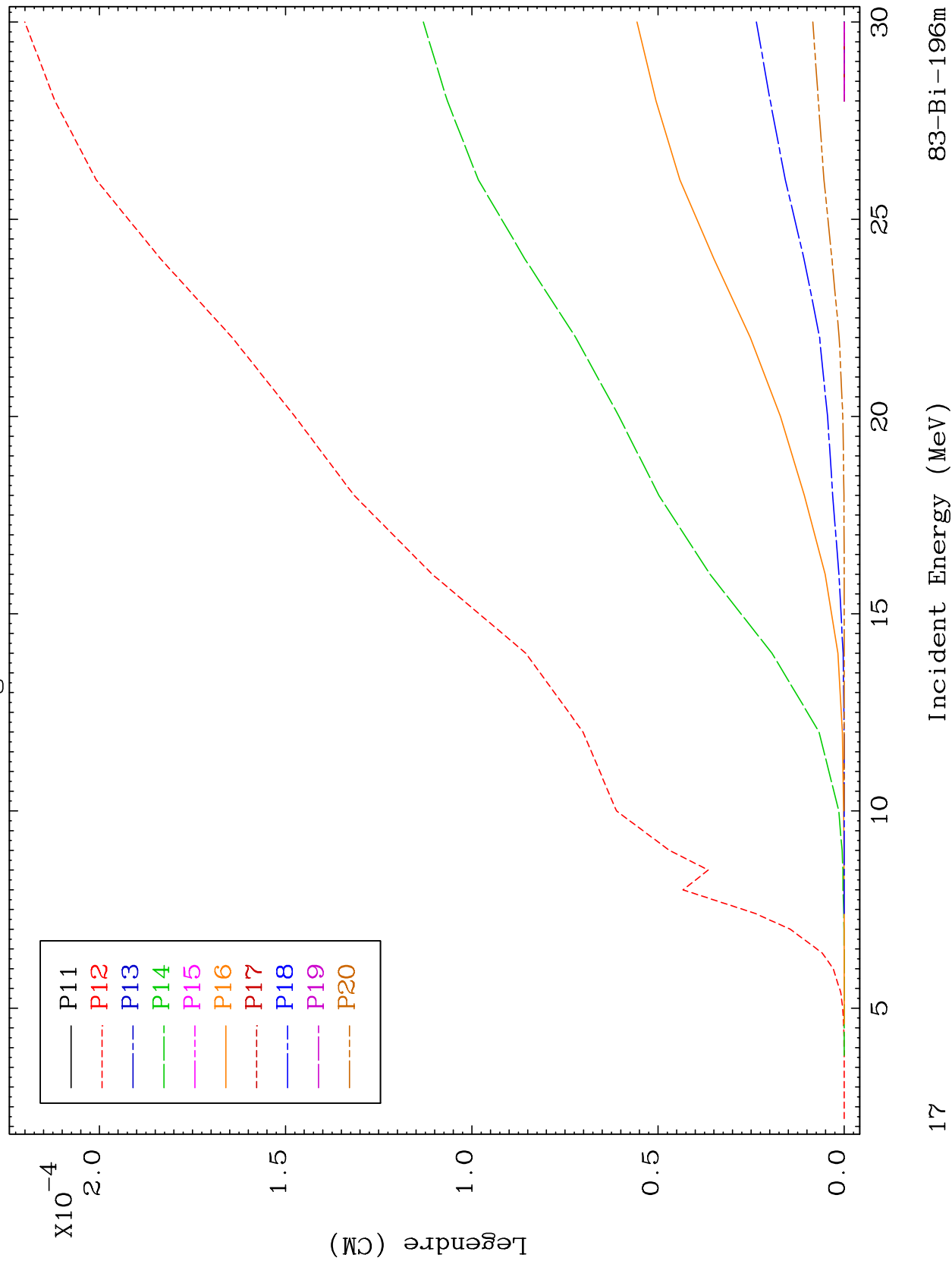
83-Bi-196m



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Elastic Legendre Coefficients

83-Bi-196m



17

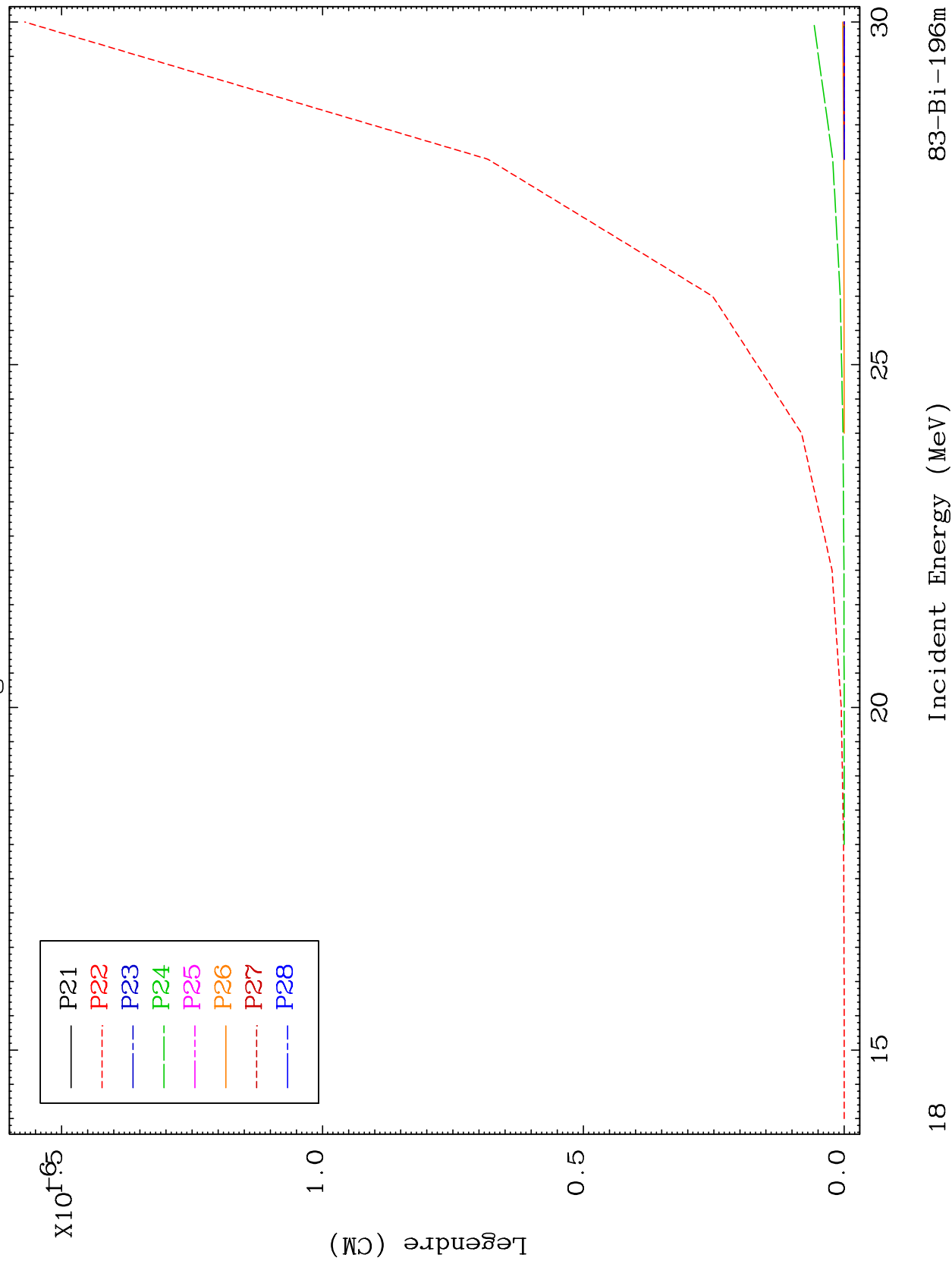
83-Bi-196m

Incident Energy (MeV)

MAT 8287

Elastic Legendre Coefficients

83-Bi-196m



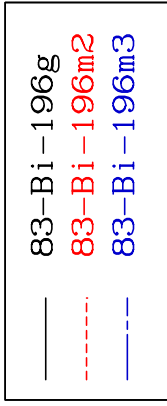
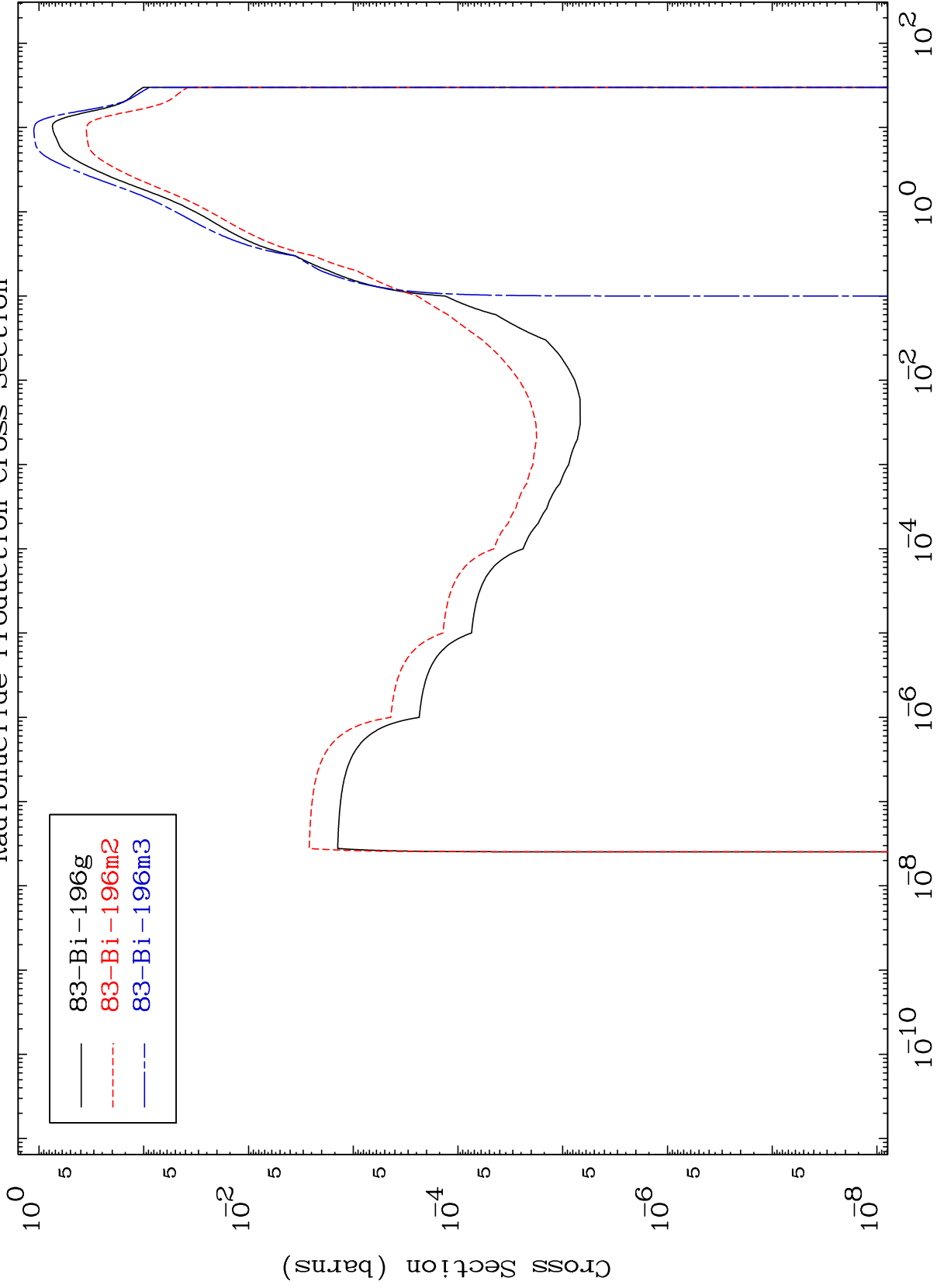
18

83-Bi-196m

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Inelastic
Radionuclide Production Cross Section

⁸³Bi-196m



19

Incident Energy (MeV)

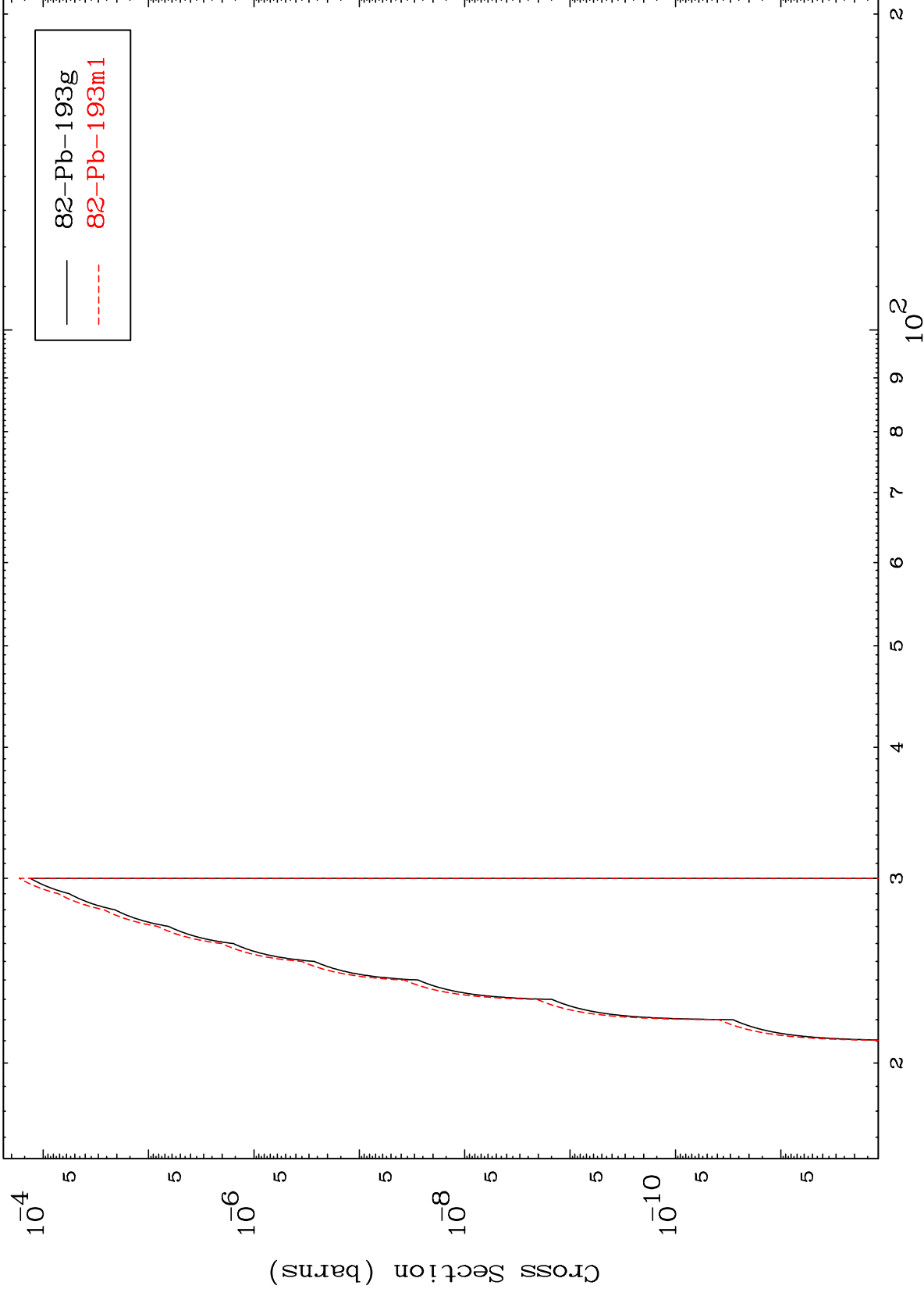
⁸³Bi-196m

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(n,2n) d

83-Bi-196m

Radionuclide Production Cross Section



20

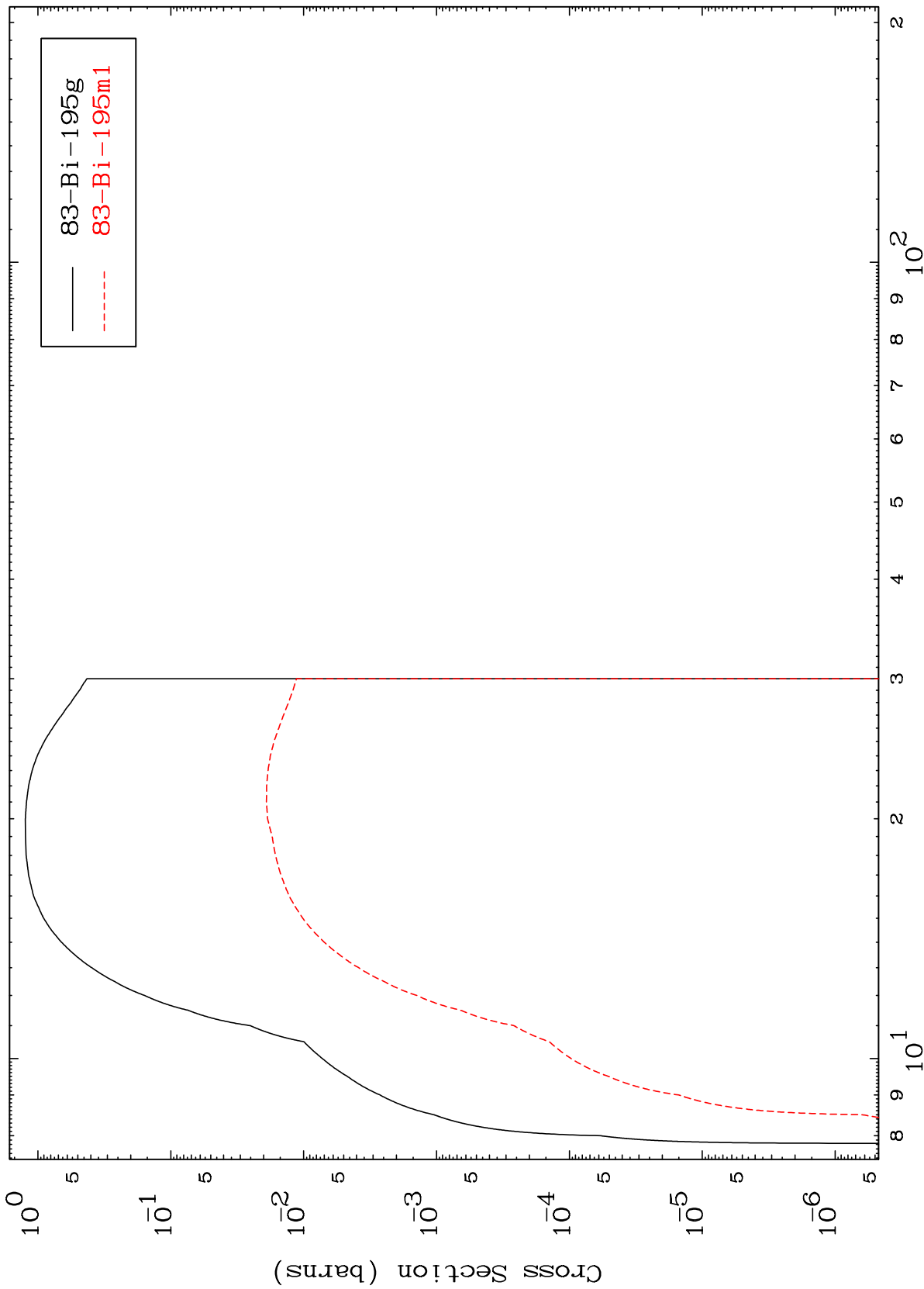
Incident Energy (MeV)

83-Bi-196m

MAT 8287

83-Bi-196m

(n,2n)
Radionuclide Production Cross Section



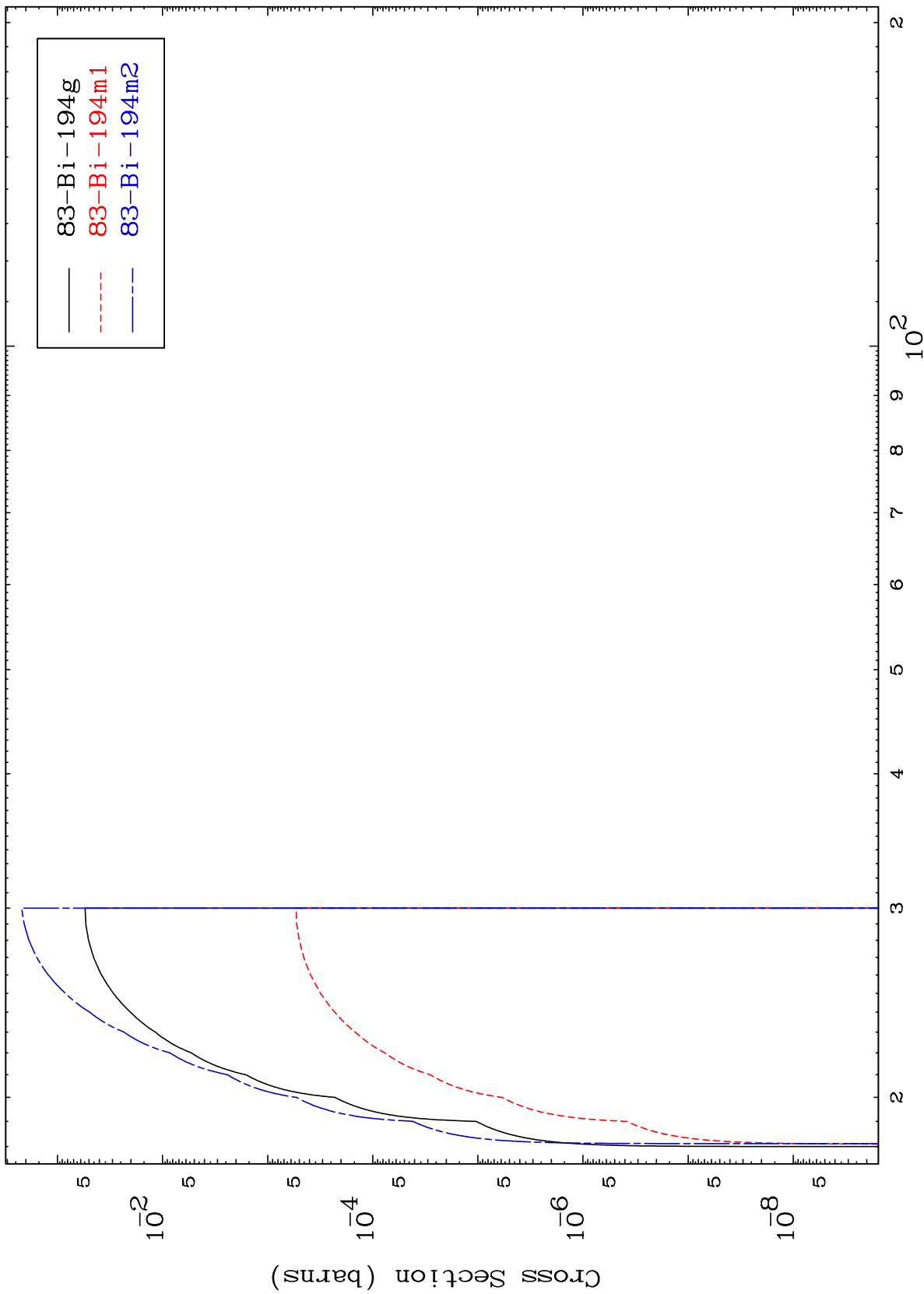
83-Bi-195g
83-Bi-195m1

83-Bi-196m

Incident Energy (MeV)

21

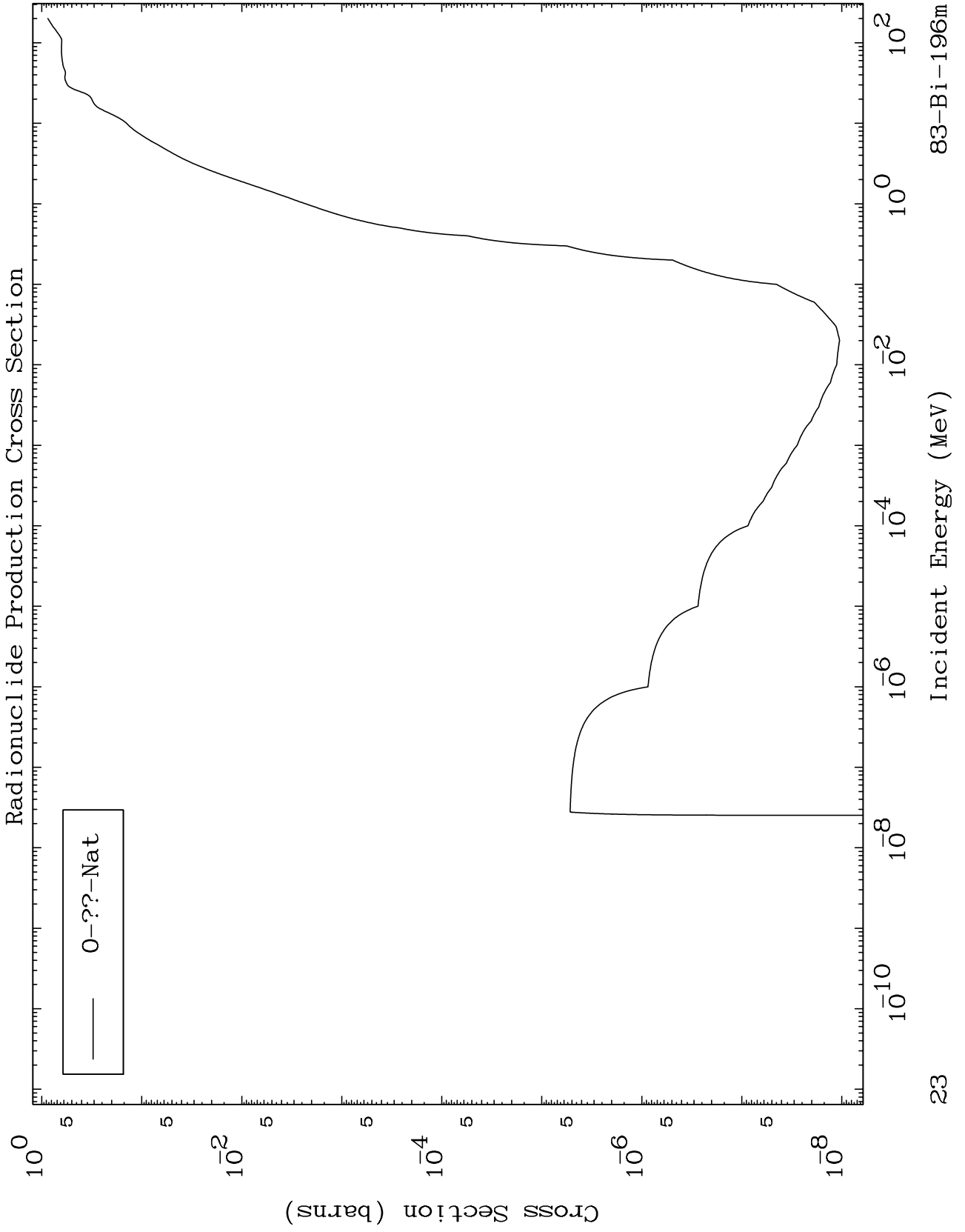
(n,3n)
Radionuclide Production Cross Section



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Fission

83-Bi-196m

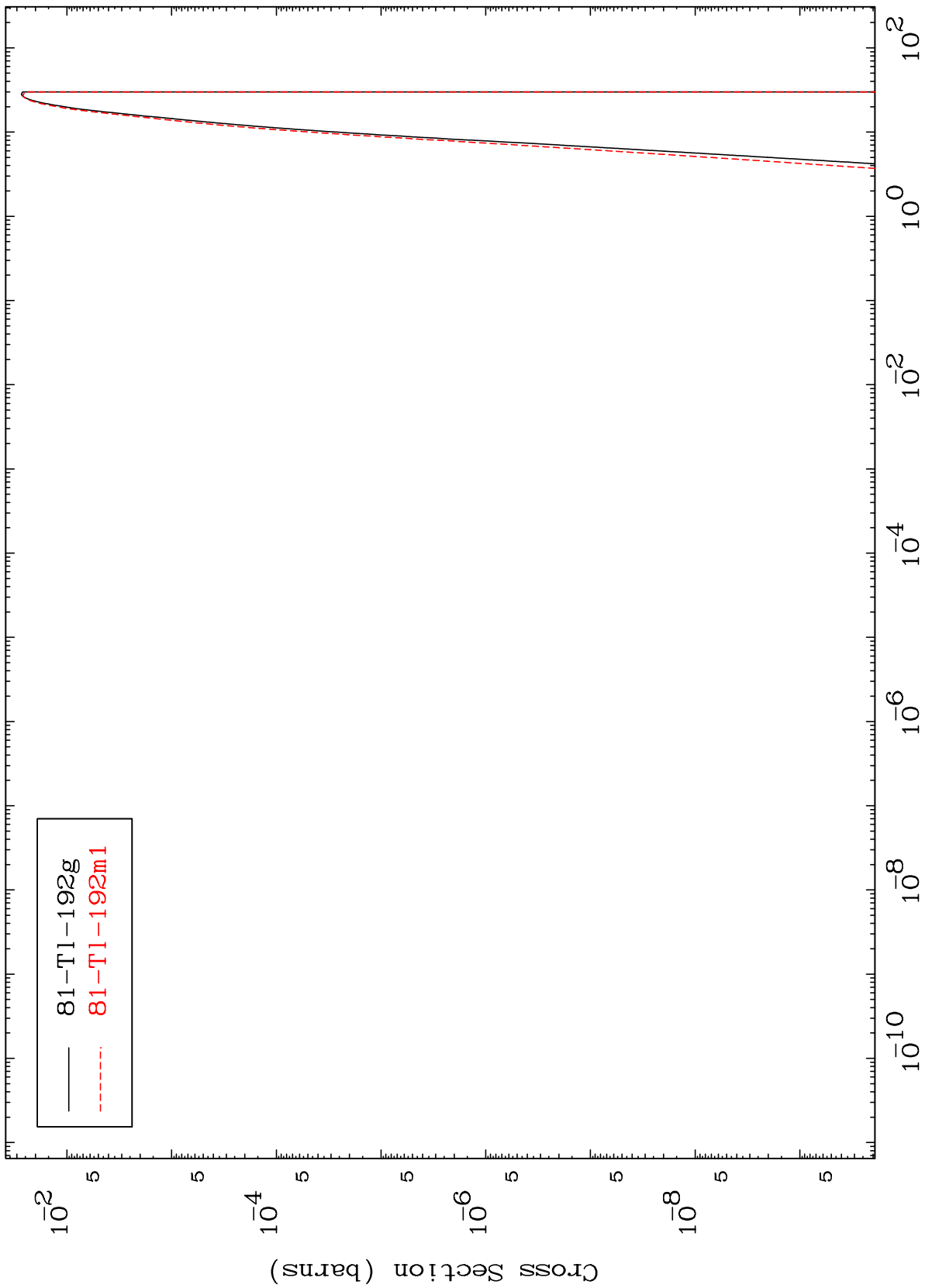


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$(n, n') \alpha$

83-Bi-196m

Radionuclide Production Cross Section

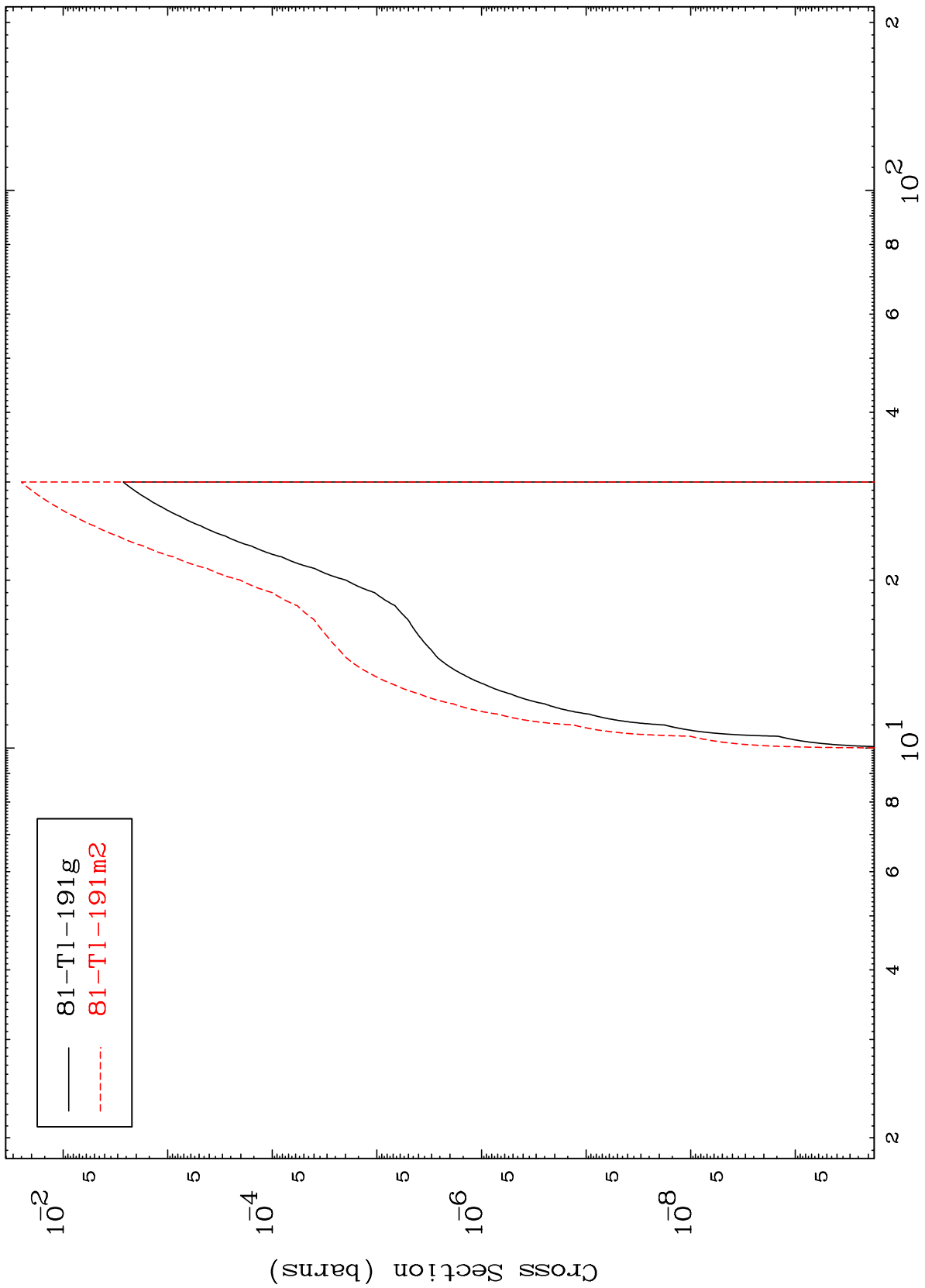


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(n,2n) α

83-Bi-196m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

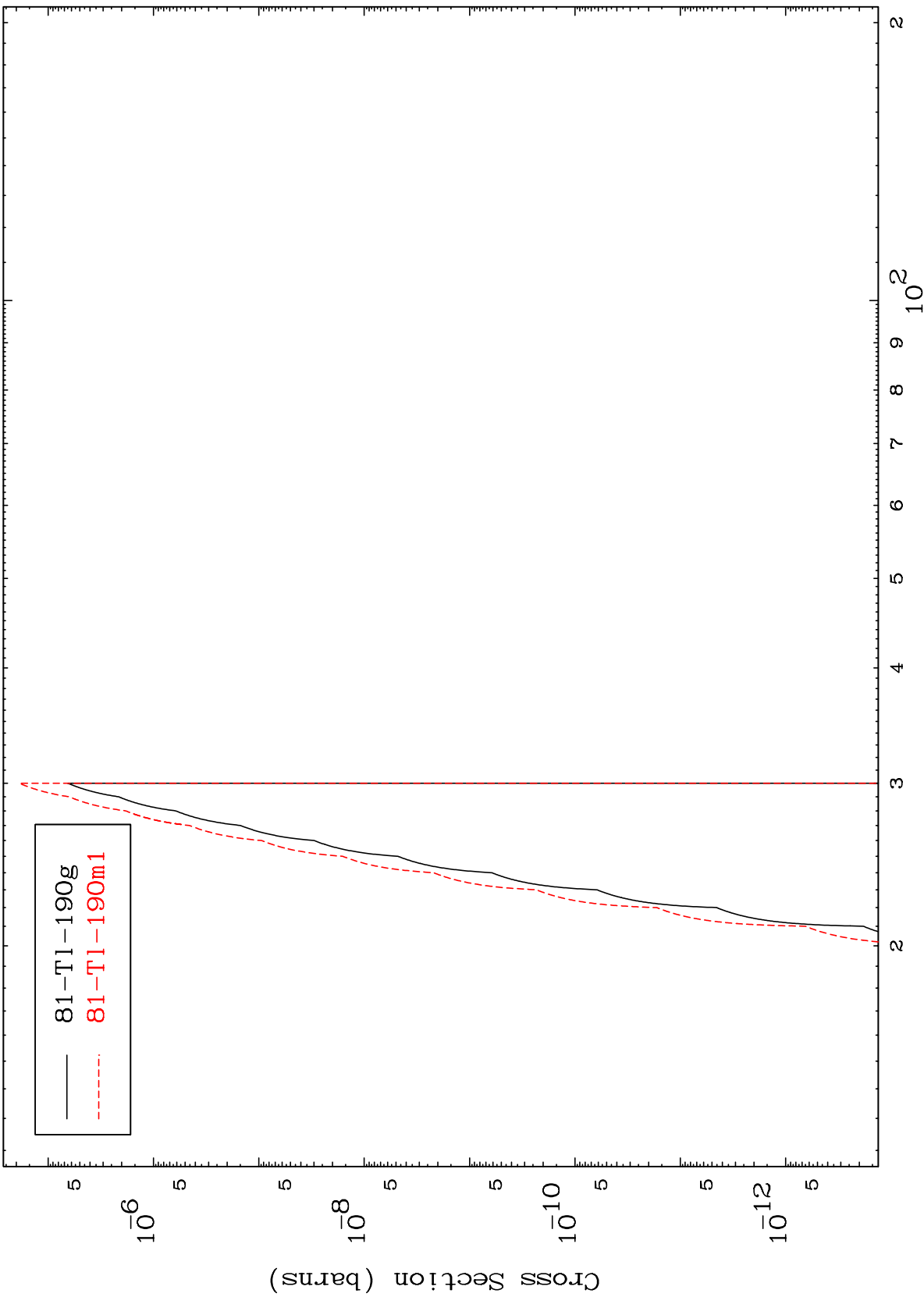
83-Bi-196m

MAT 8287

(n,3n) α

83-Bi-196m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

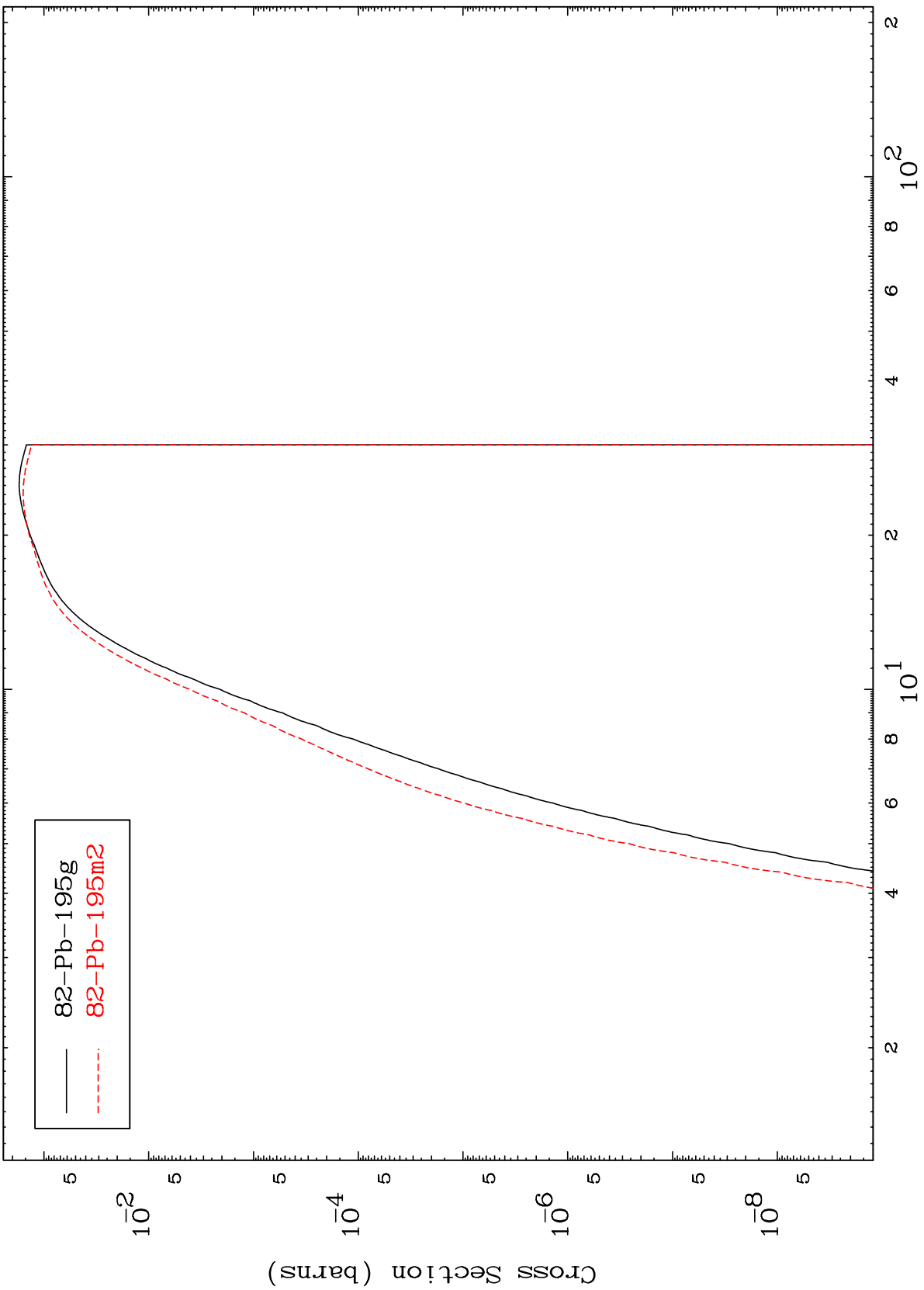
83-Bi-196m

MAT 8287

(n,n') p

83-Bi-196m

Radionuclide Production Cross Section

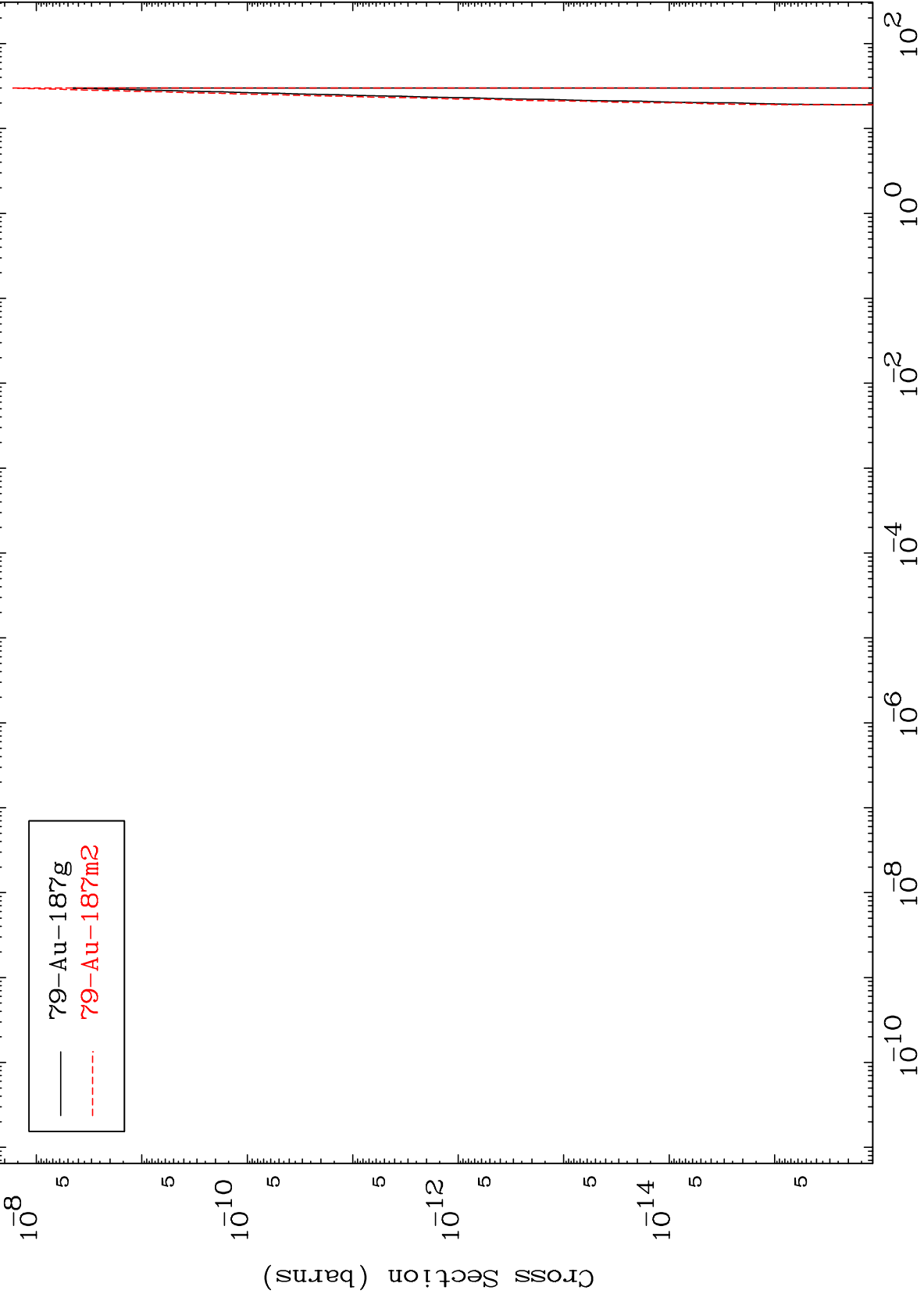


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(n,2n) 2 α

83-Bi-196m

Radionuclide Production Cross Section



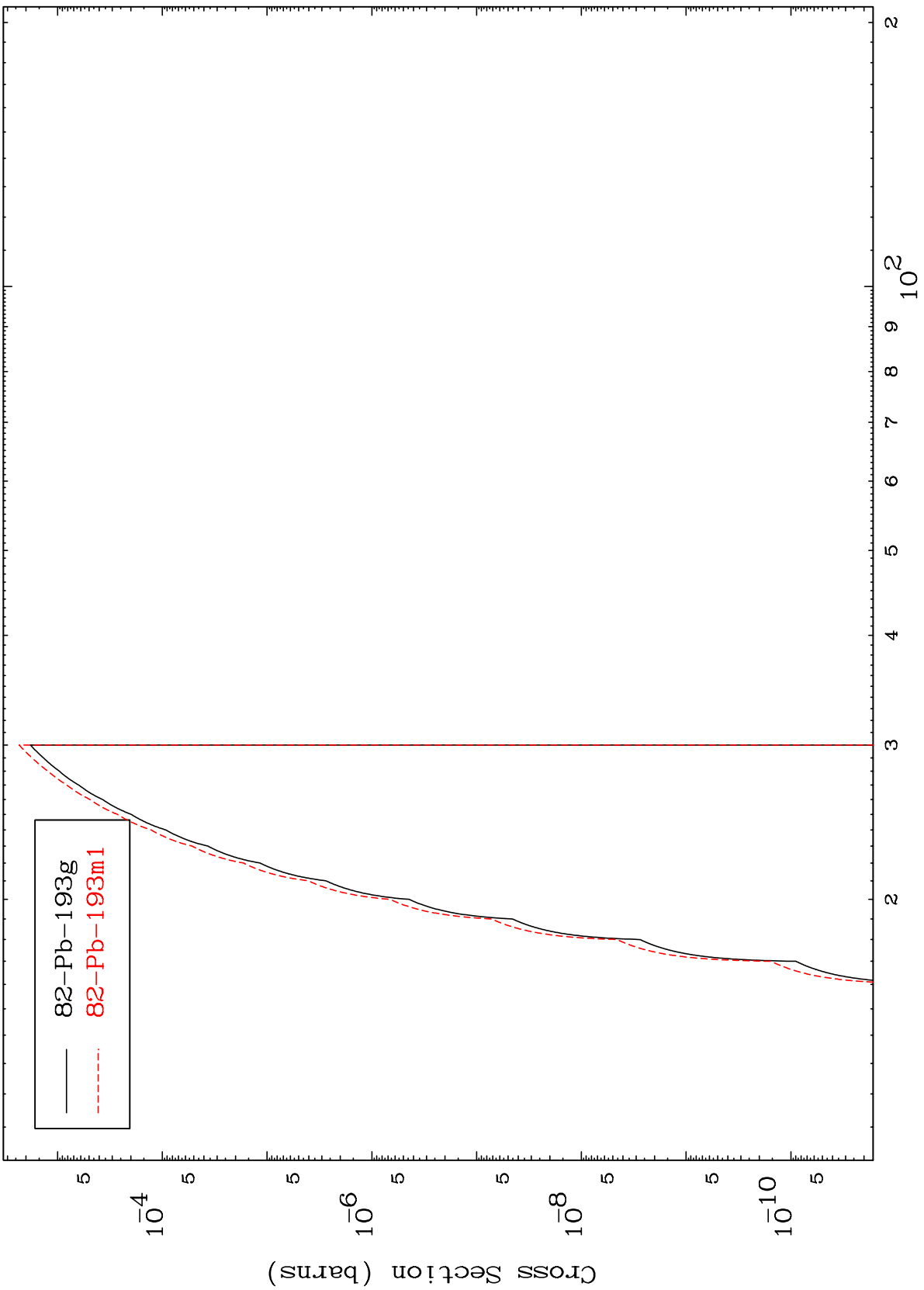
79-Au-187g
79-Au-187m2

MAT 8287

(n,n') t

83-Bi-196m

Radionuclide Production Cross Section

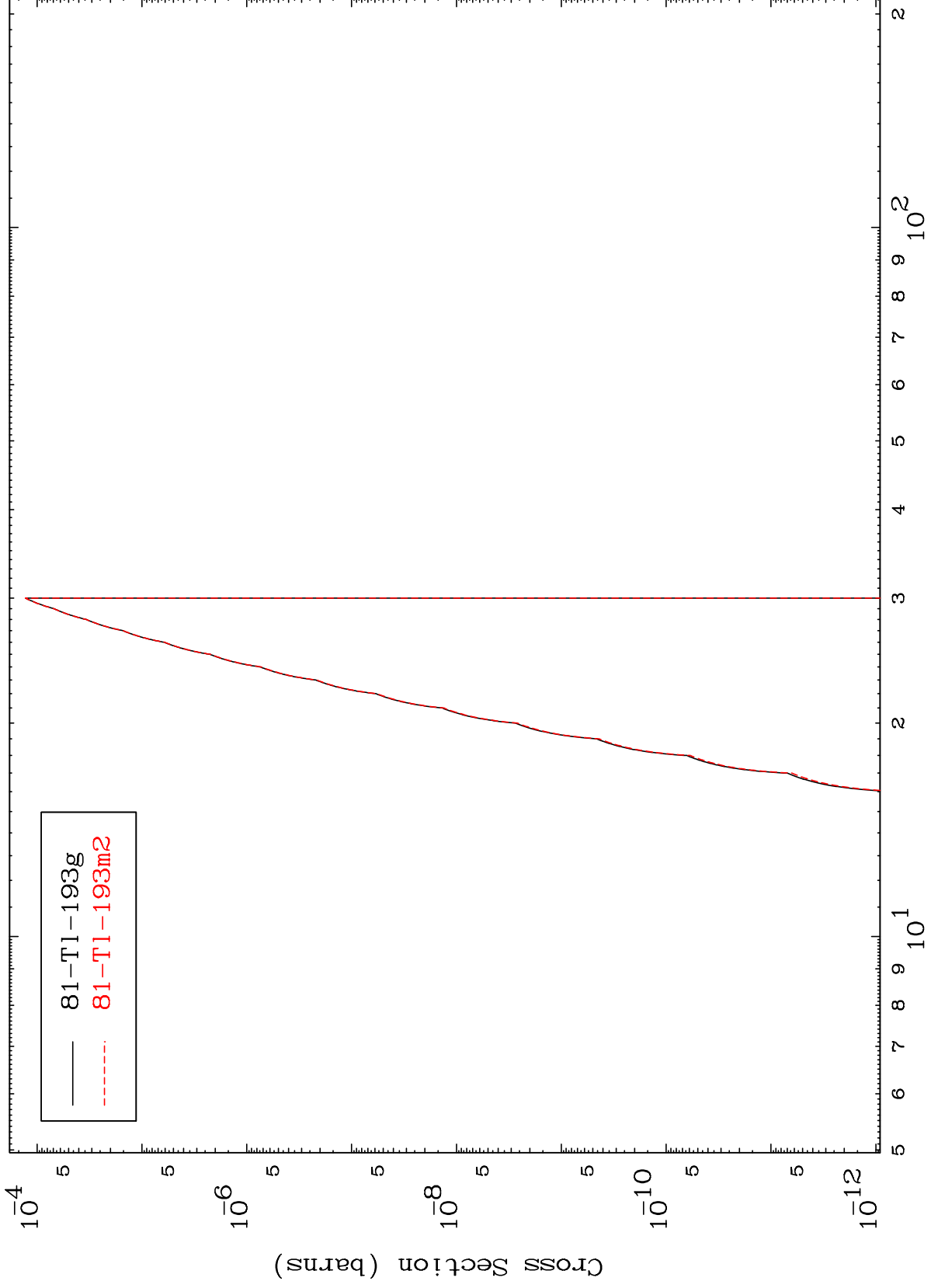


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(n,n') He-3

83-Bi-196m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

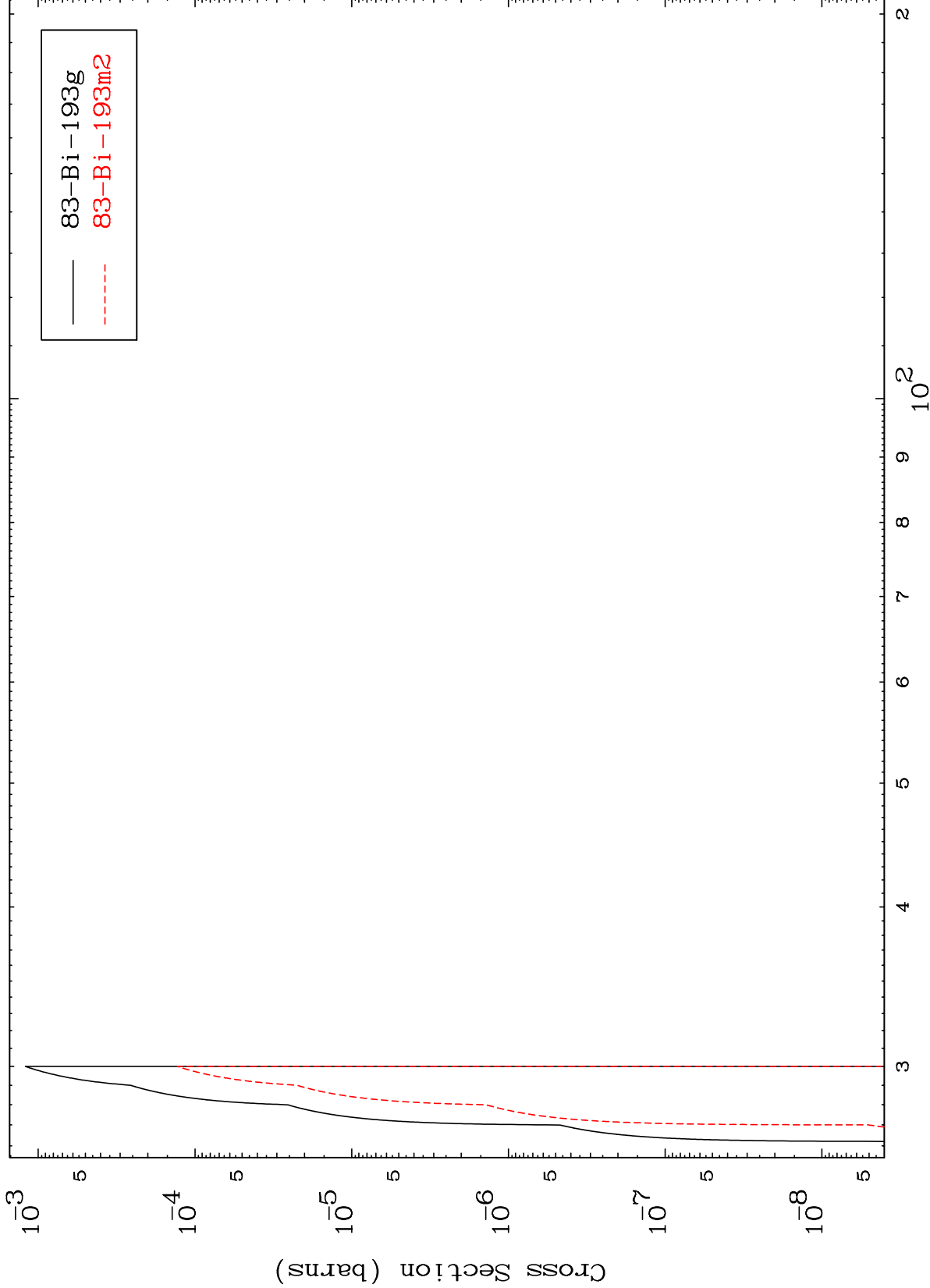
83-Bi-196m

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(n,4n)

83-Bi-196m

Radionuclide Production Cross Section

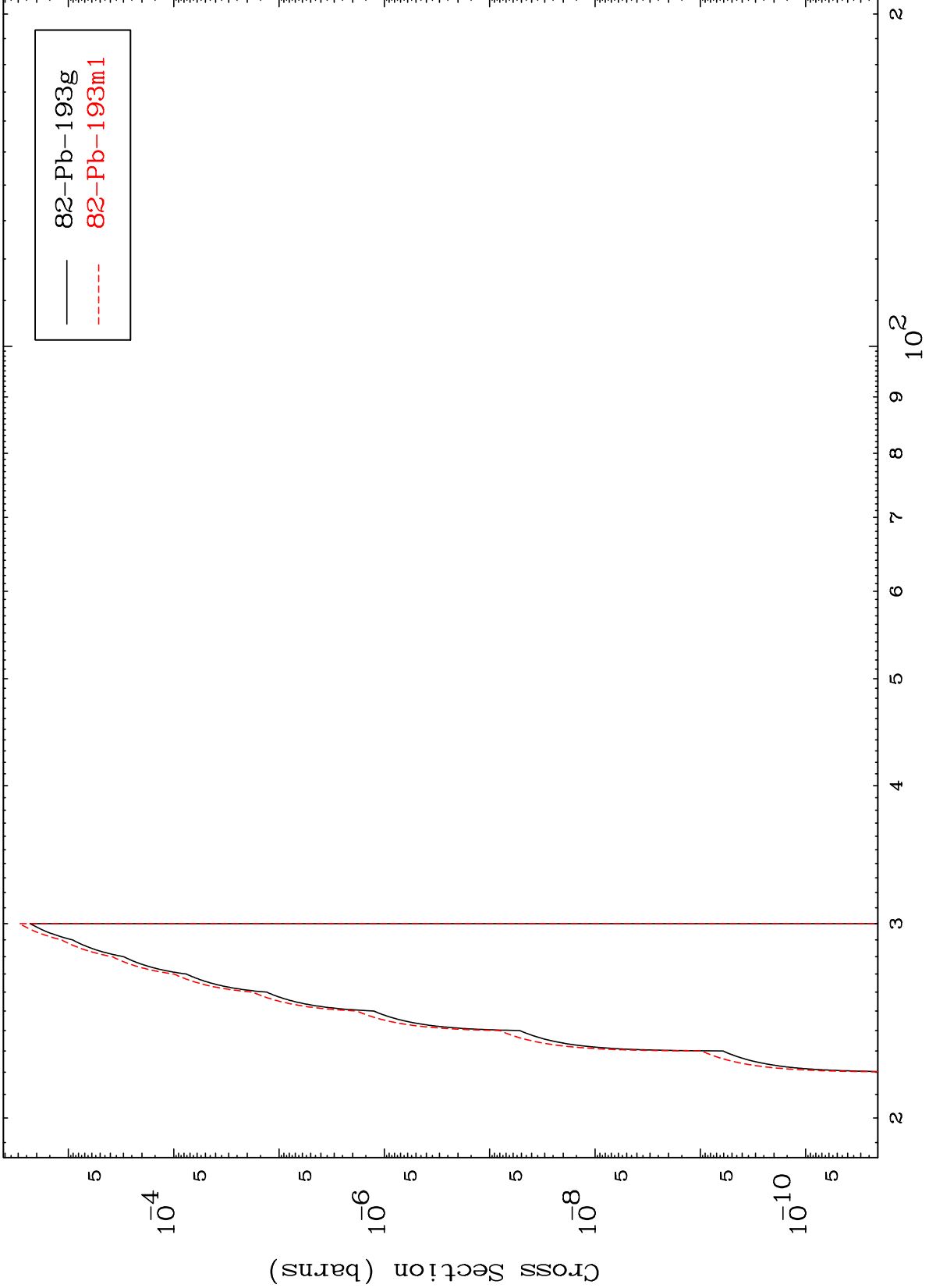


MAT 8287

(n,3n) p

83-Bi-196m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

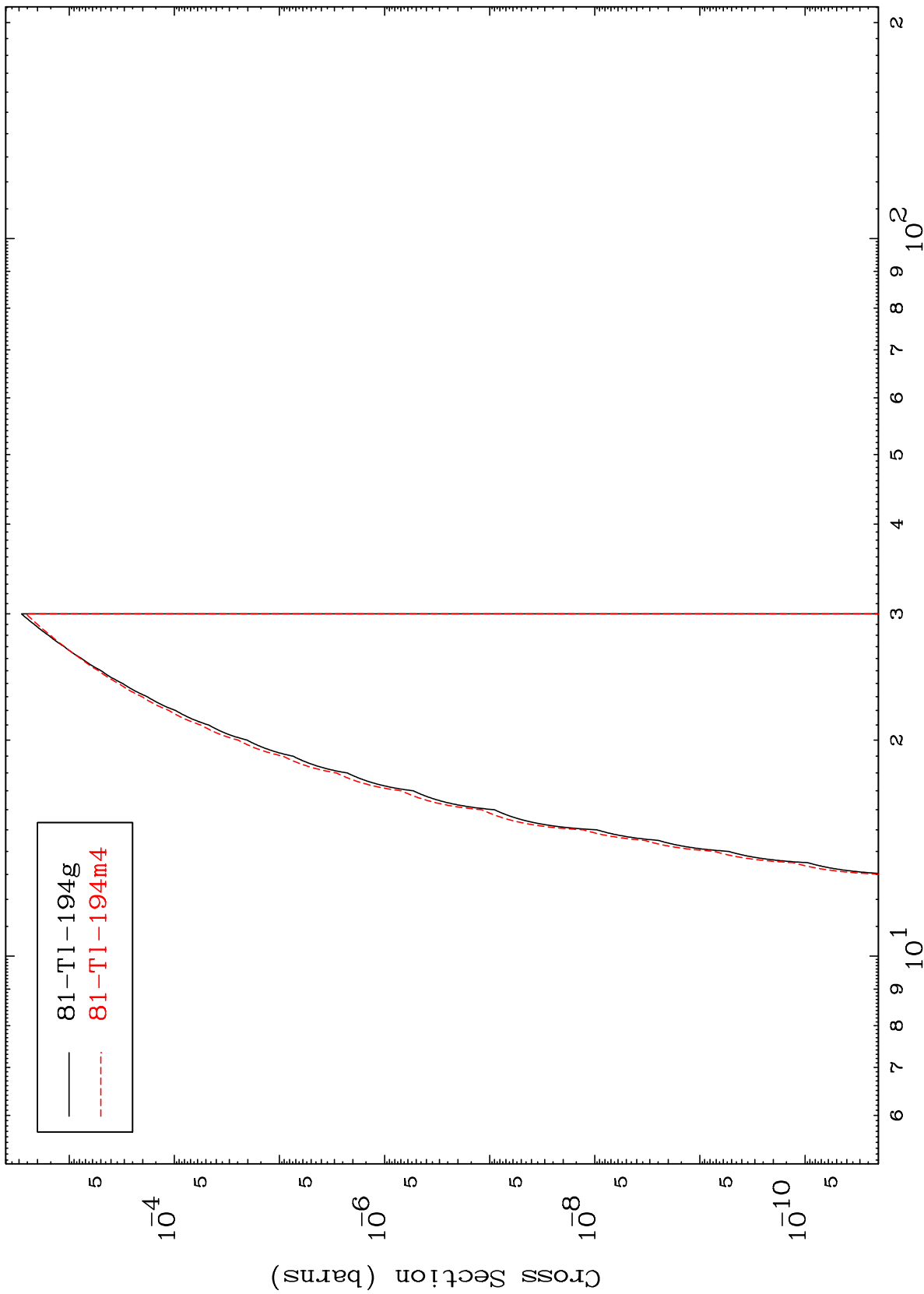
83-Bi-196m

MAT 8287

(n,2n) p

83-Bi-196m

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

33

Incident Energy (MeV)

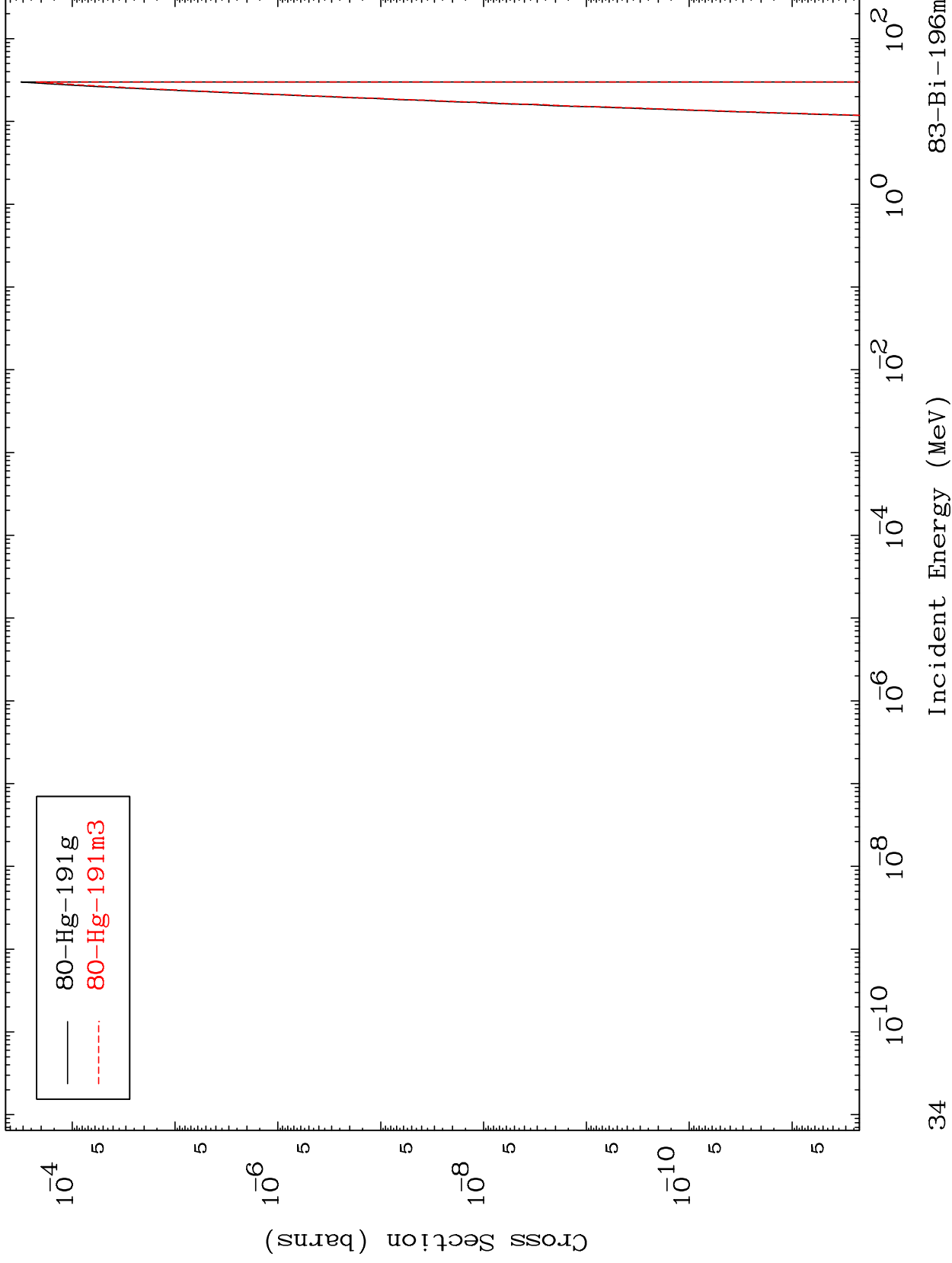
83-Bi-196m

MAT 8287

(n,n') p α

83-Bi-196m

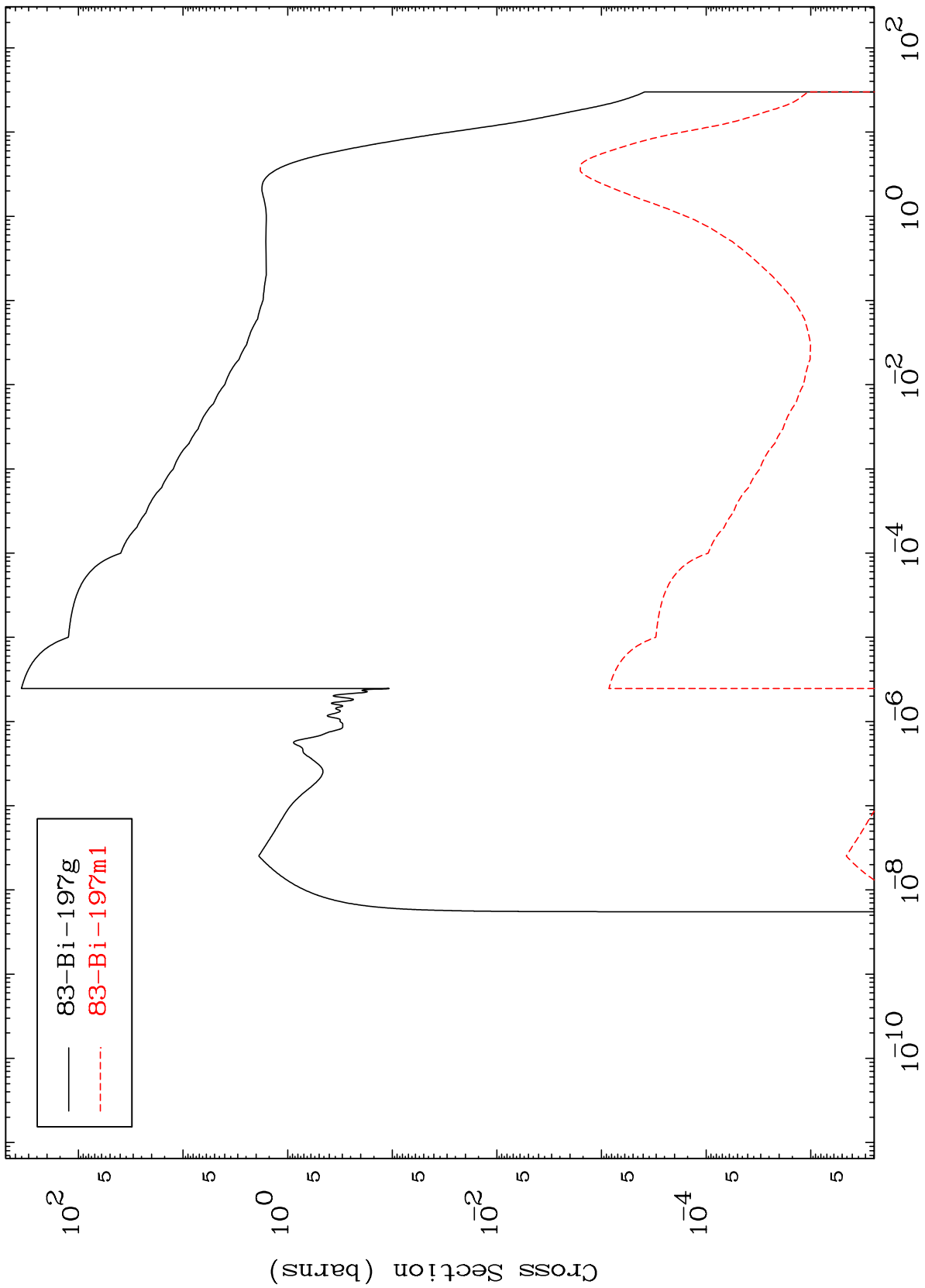
Radionuclide Production Cross Section



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83-Bi-196m

(n, γ)
Radionuclide Production Cross Section



83-Bi-196m

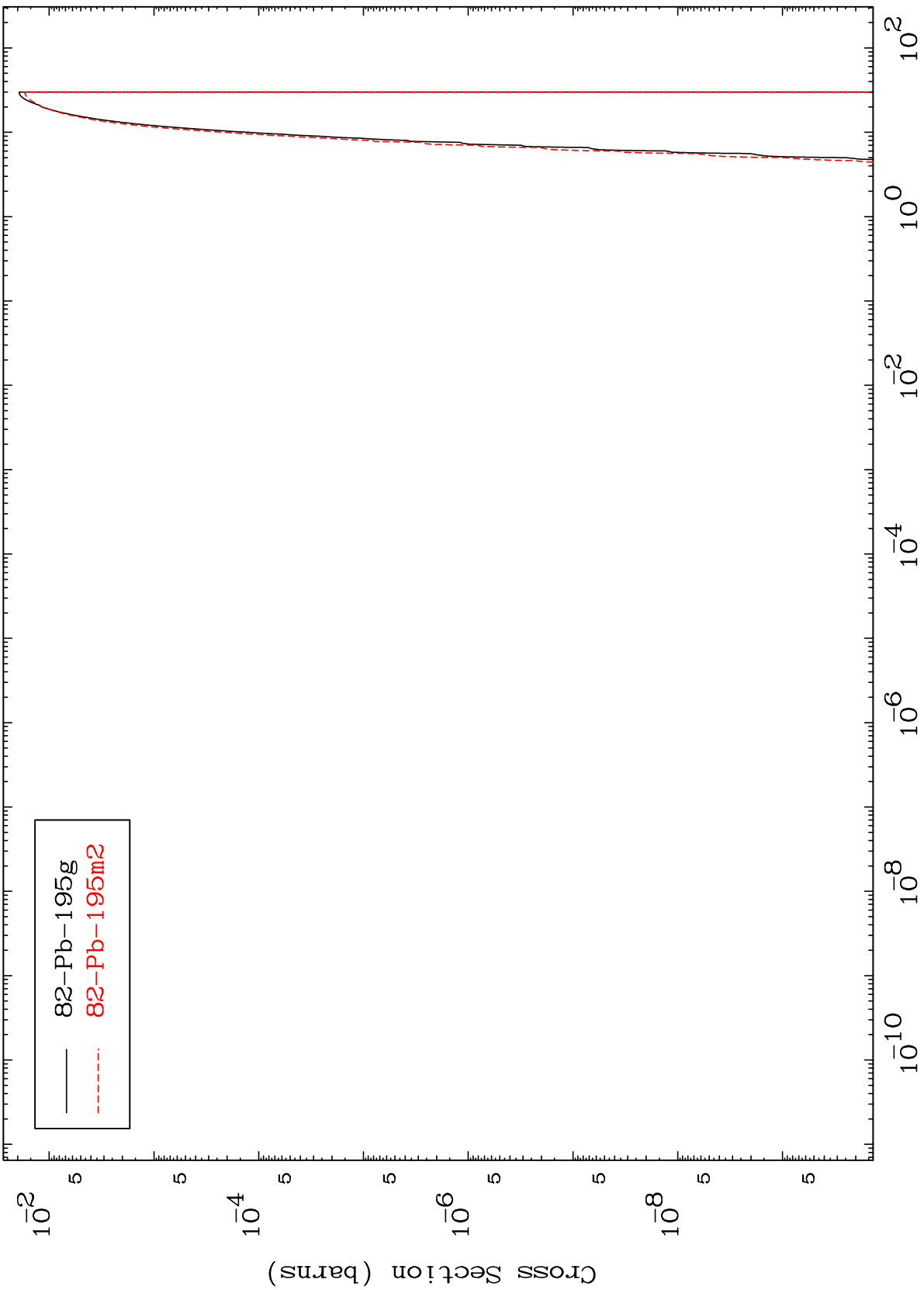
Incident Energy (MeV)

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(n,d)

83-Bi-196m

Radionuclide Production Cross Section

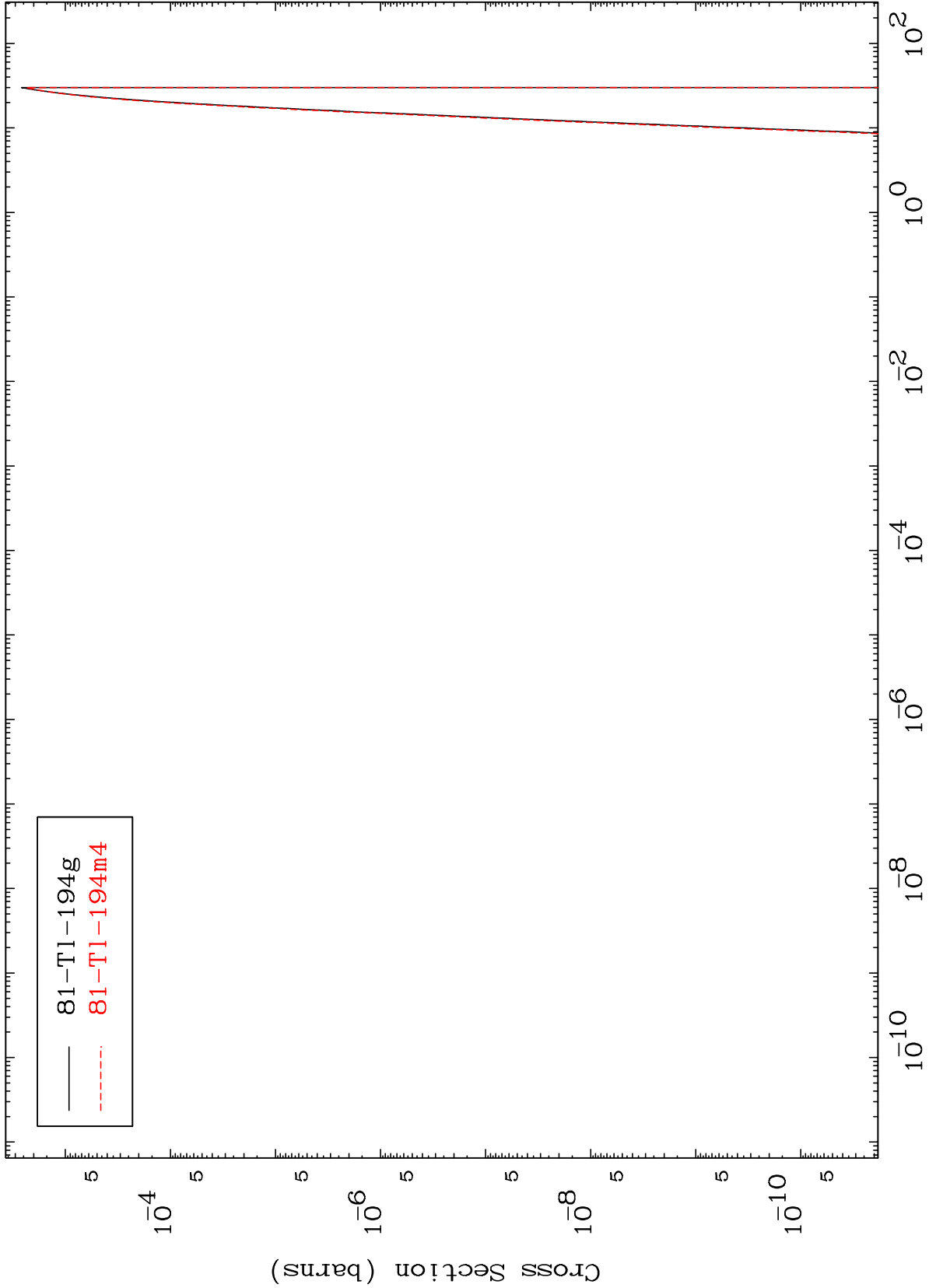


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(n,He-3)

83-Bi-196m

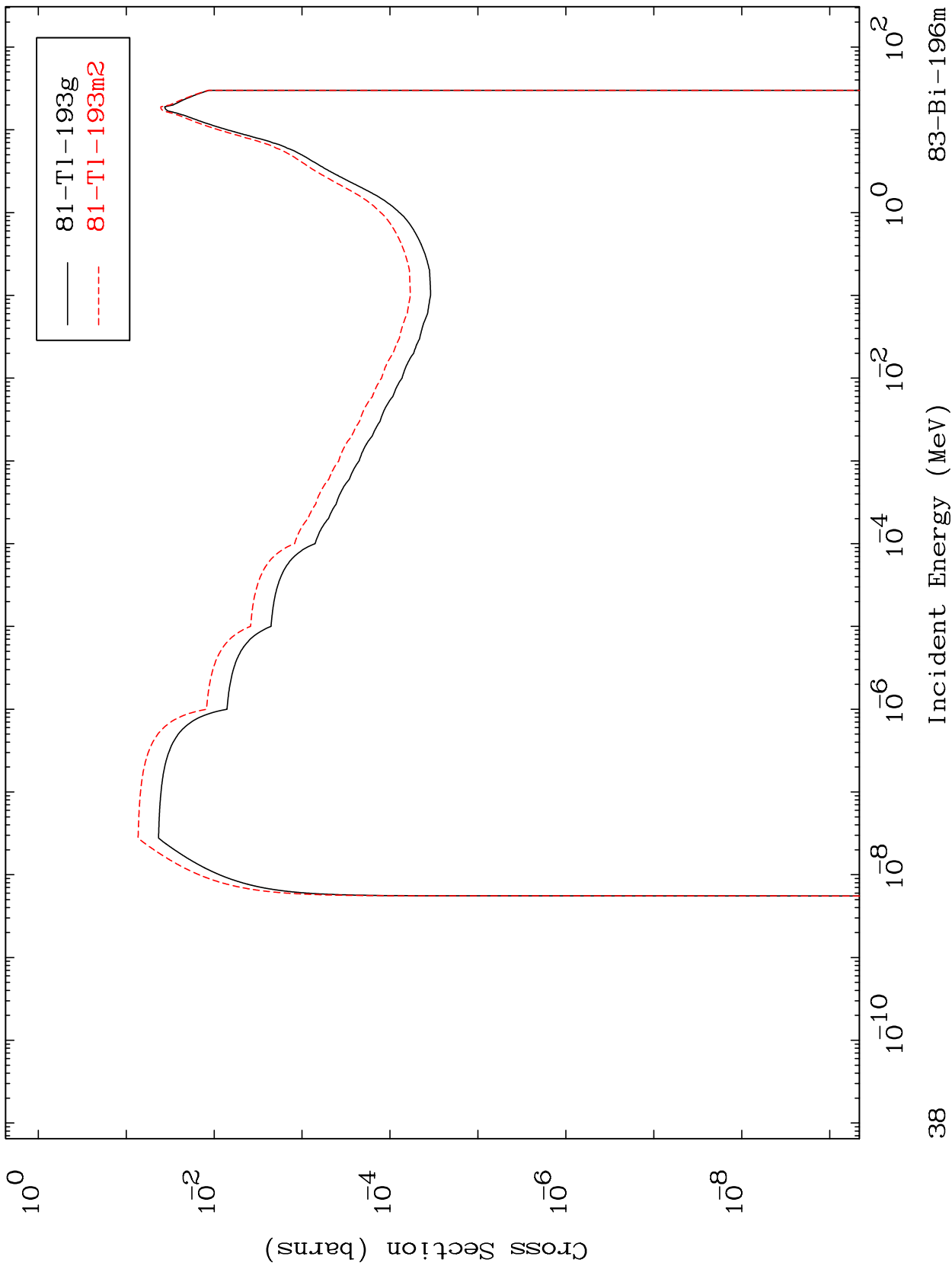
Radionuclide Production Cross Section



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83-Bi-196m

(n, α)
Radionuclide Production Cross Section



38

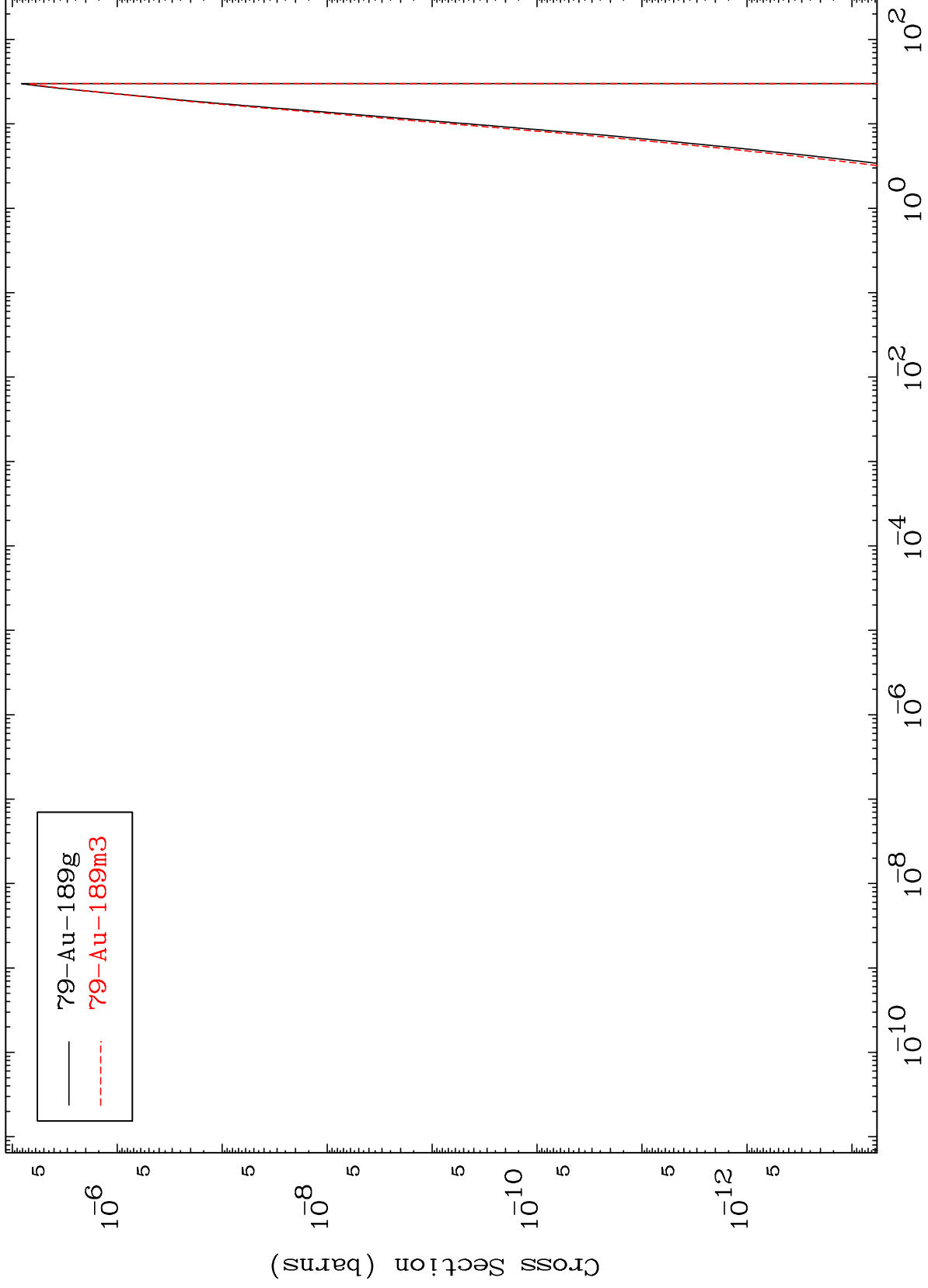
83-Bi-196m

MAT 8287

(n,2α)

83-Bi-196m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

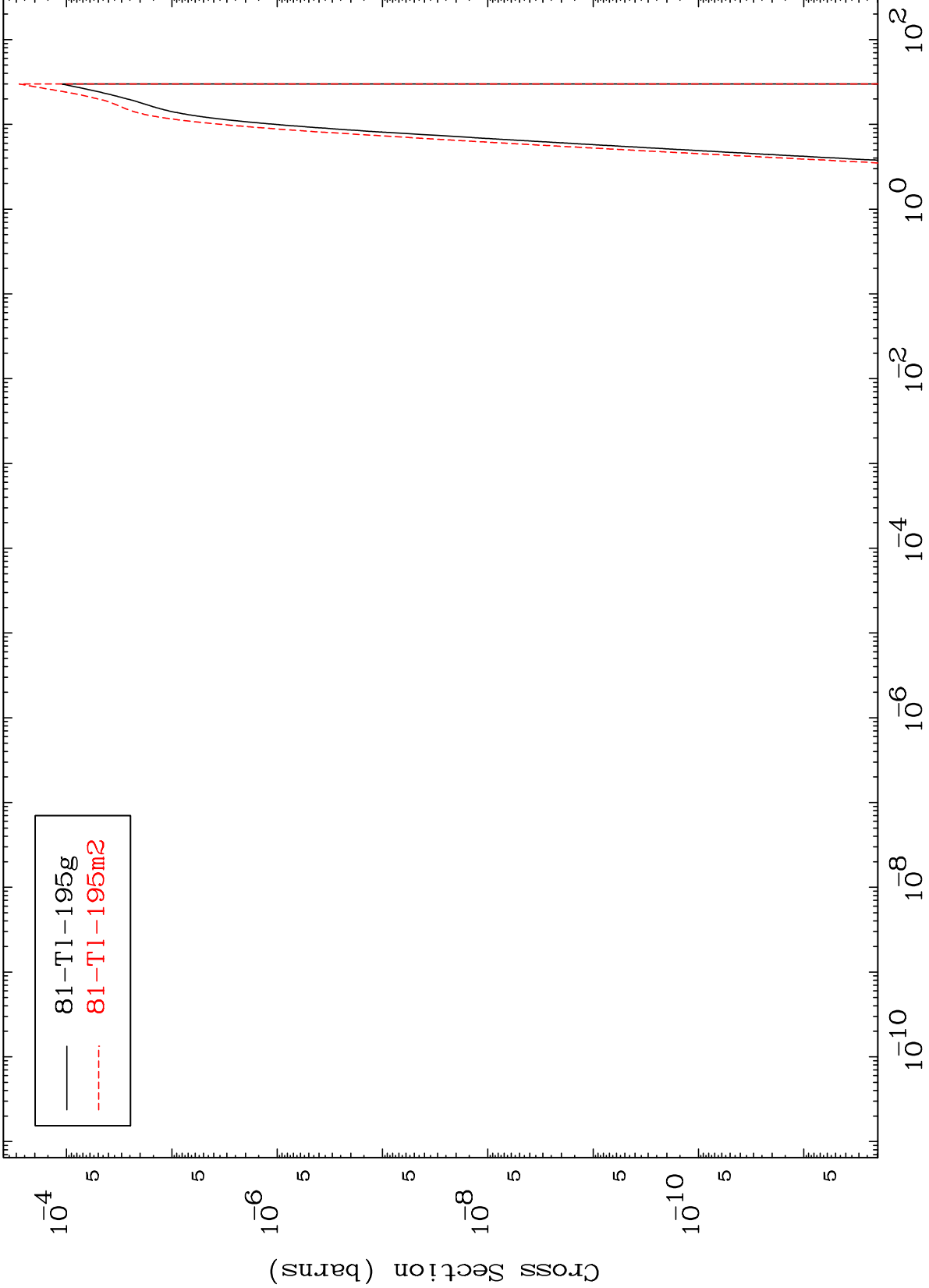
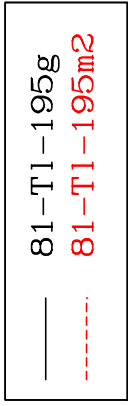
83-Bi-196m

MAT 8287

(n,2p)

83-Bi-196m

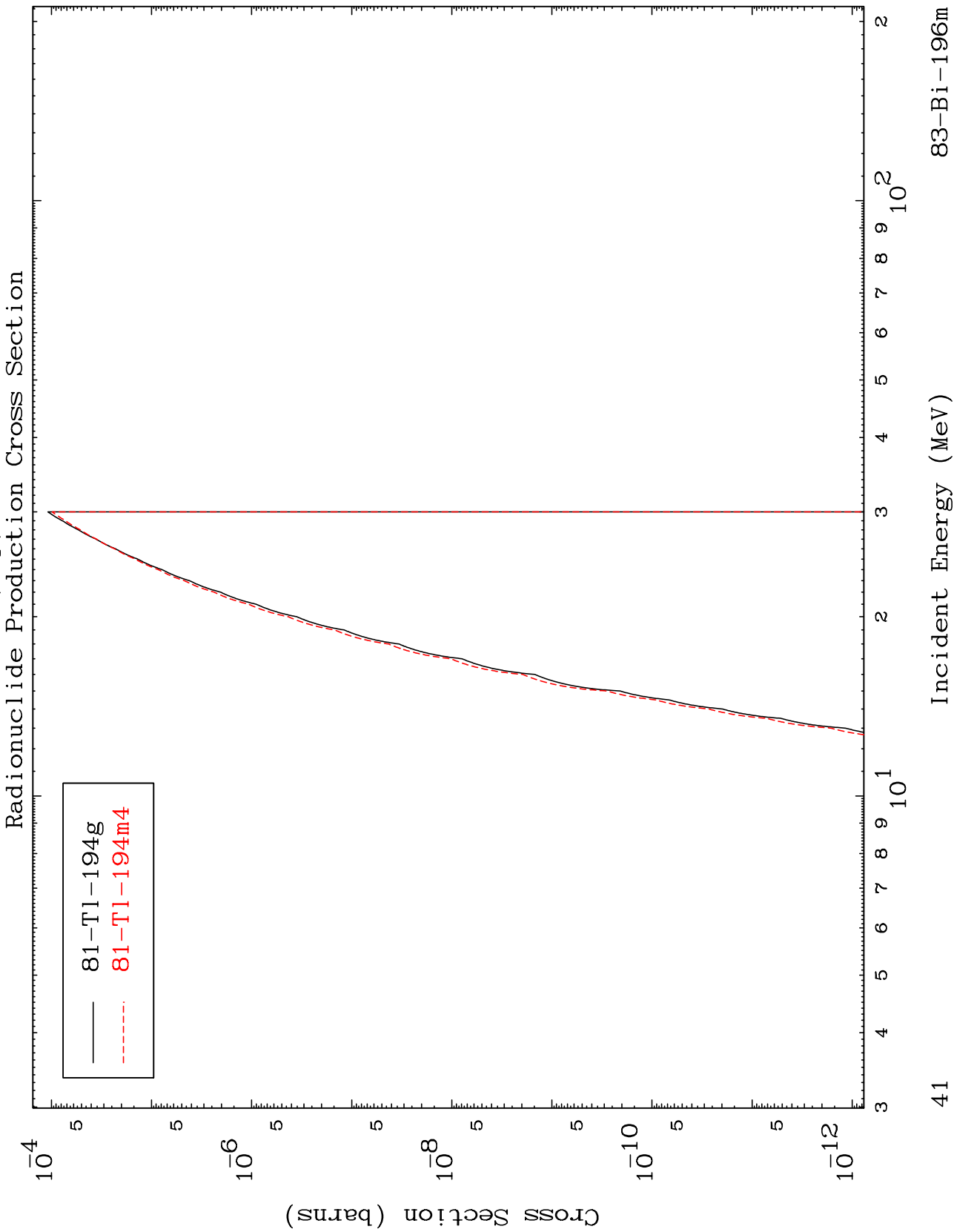
Radionuclide Production Cross Section



MAT 8287

(n,p) d

83-Bi-196m

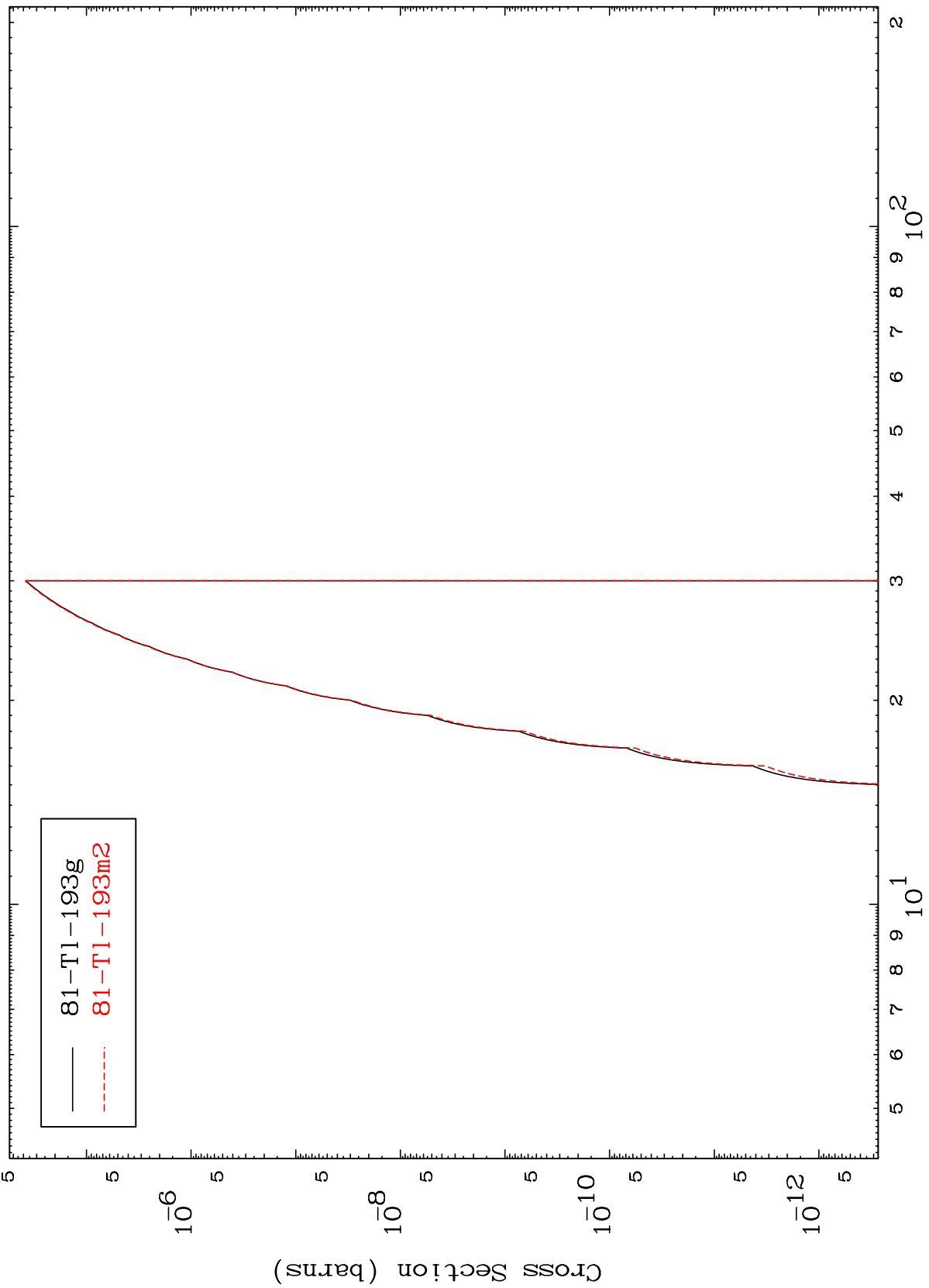


MAT 8287

(n,p) t

83-Bi-196m

Radionuclide Production Cross Section



42

Incident Energy (MeV)

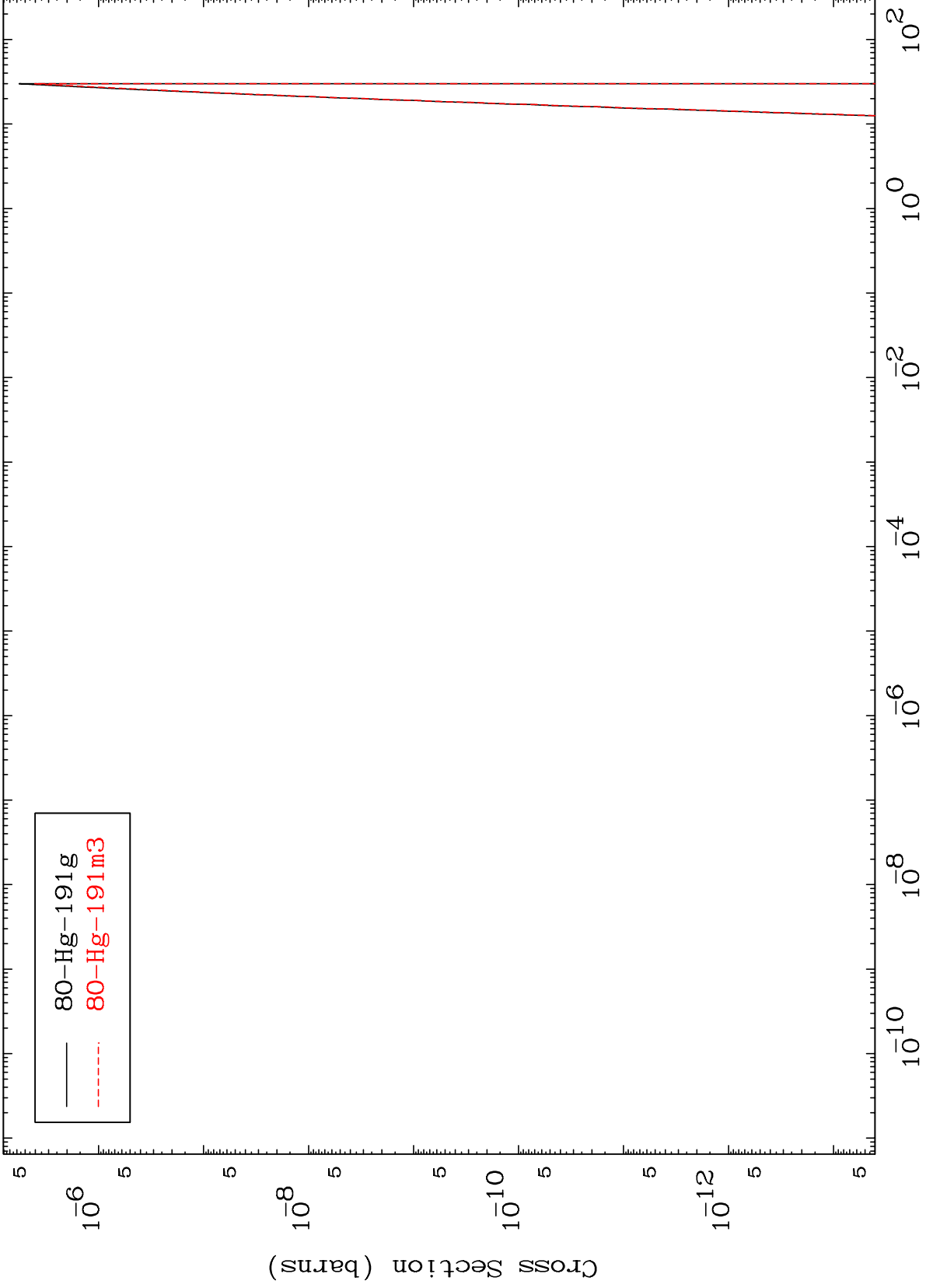
83-Bi-196m

MAT 8287

(n,d) α

83-Bi-196m

Radionuclide Production Cross Section



43

Incident Energy (MeV)

83-Bi-196m