

Program EVALPLOT
(Version 2021-1)

by

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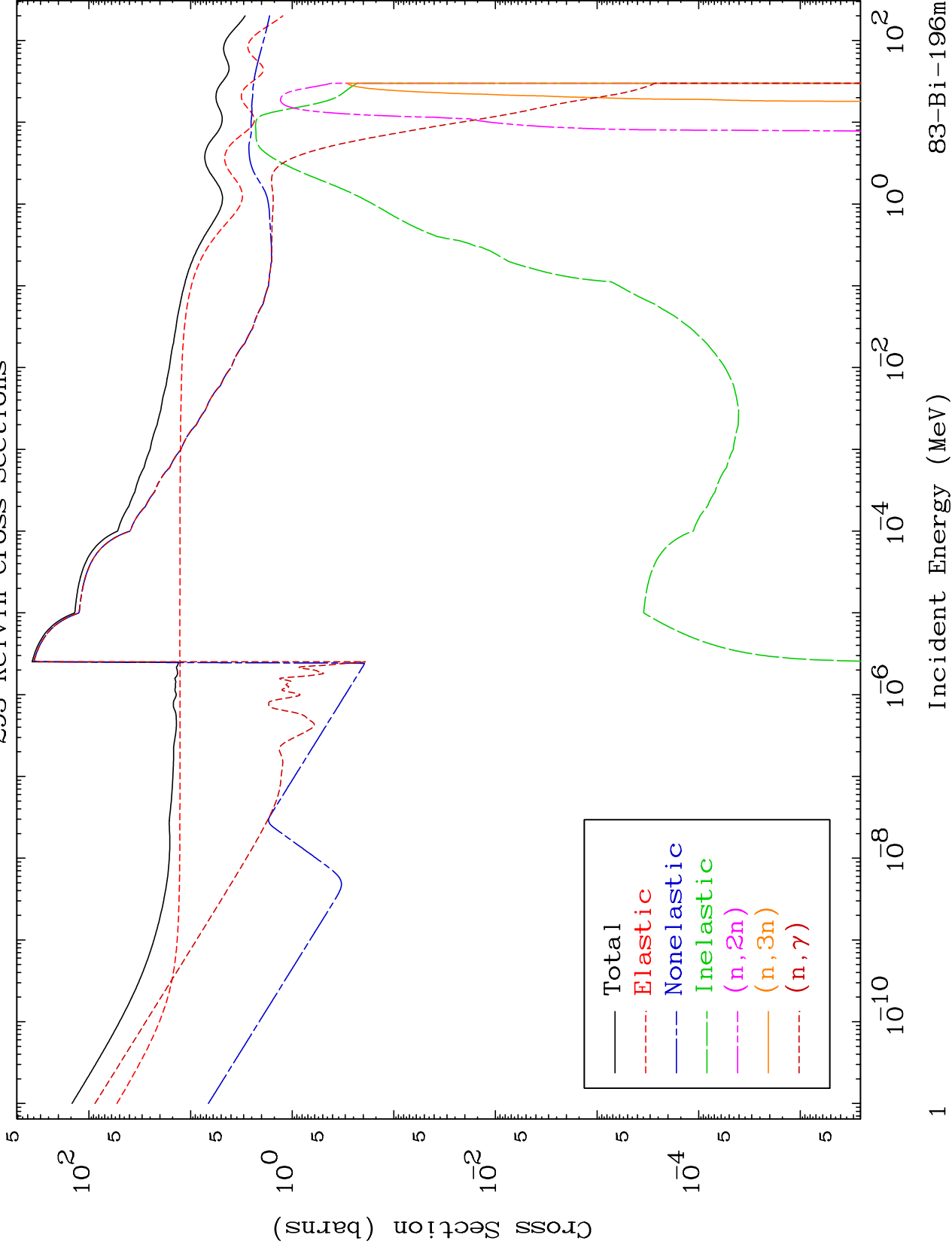
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Press Mouse Button to Start

MAT 8287

Neutron Major
293 Kelvin Cross Sections

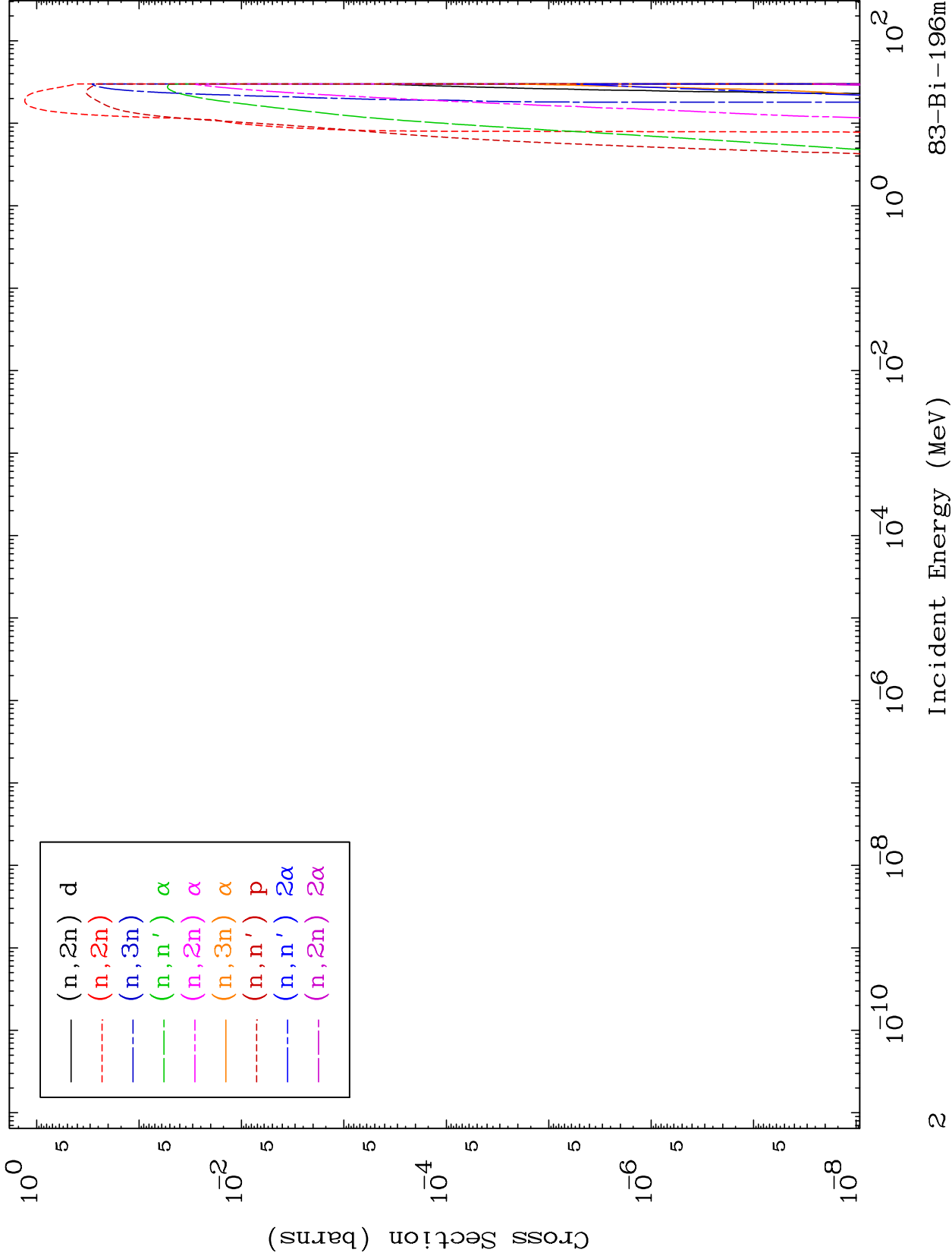
83-Bi-196m



MAT 8287

Neutron Absorption
293 Kelvin Cross Sections

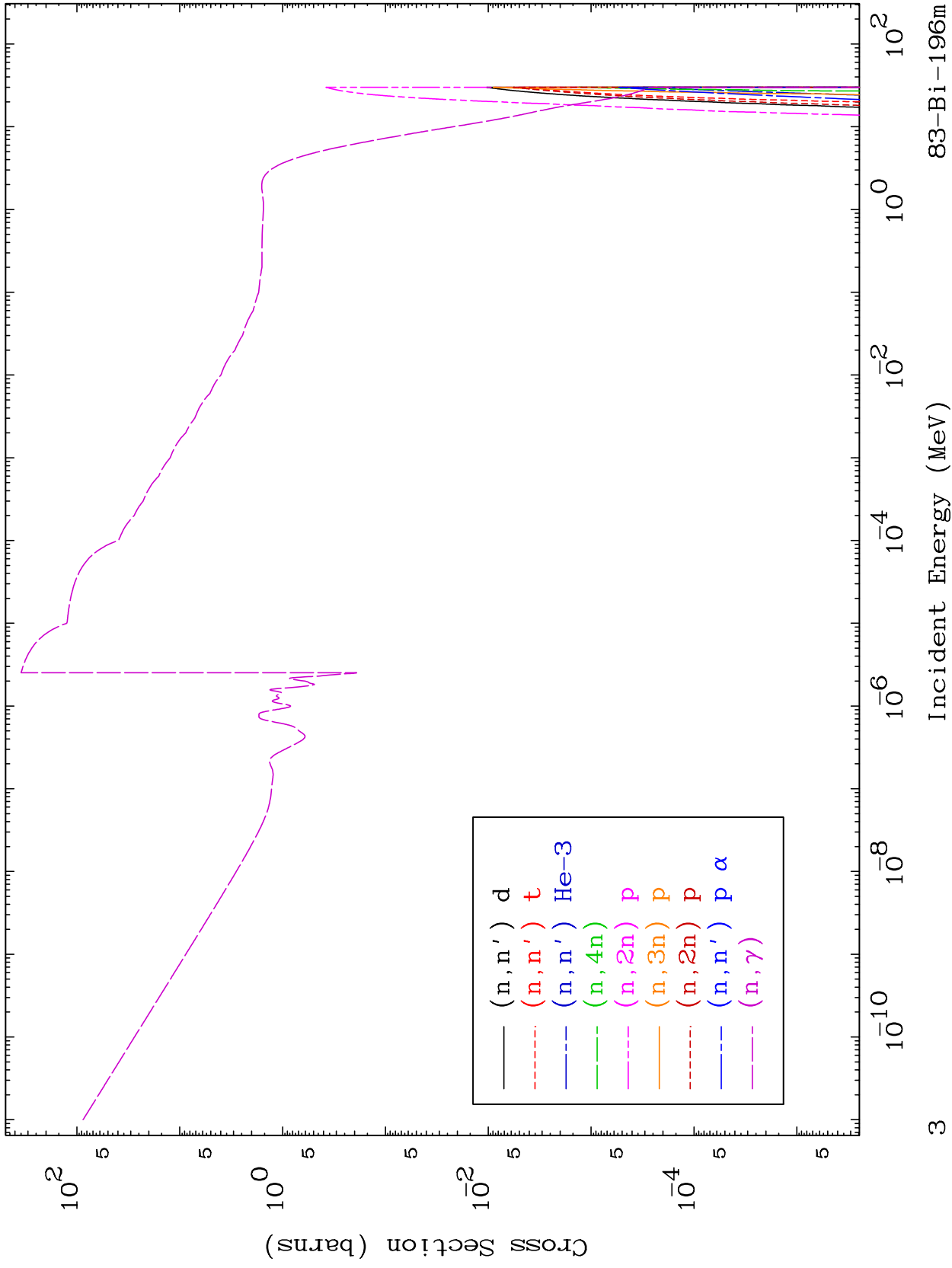
83-Bi-196m



MAT 8287

Neutron Absorption
293 Kelvin Cross Sections

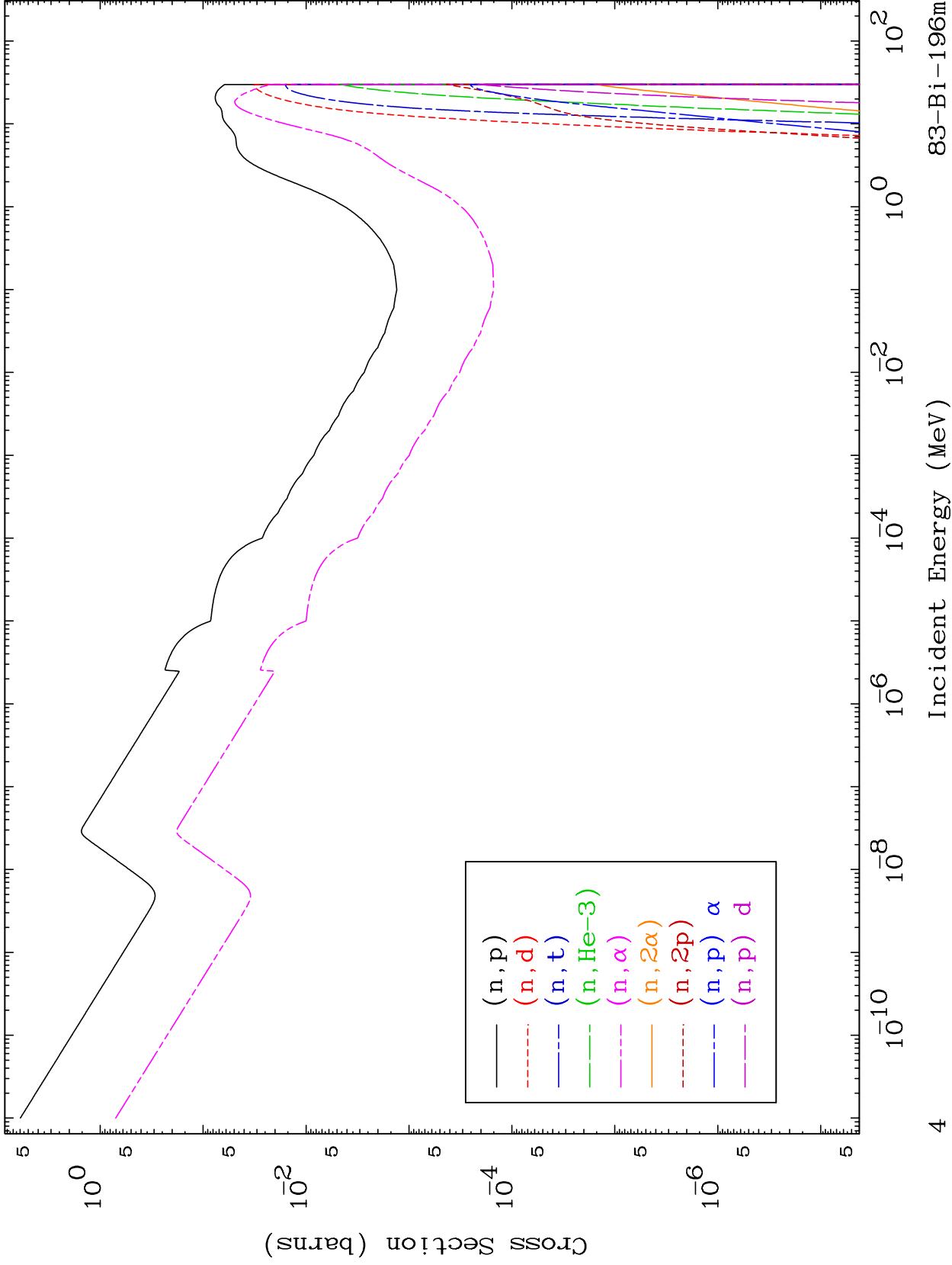
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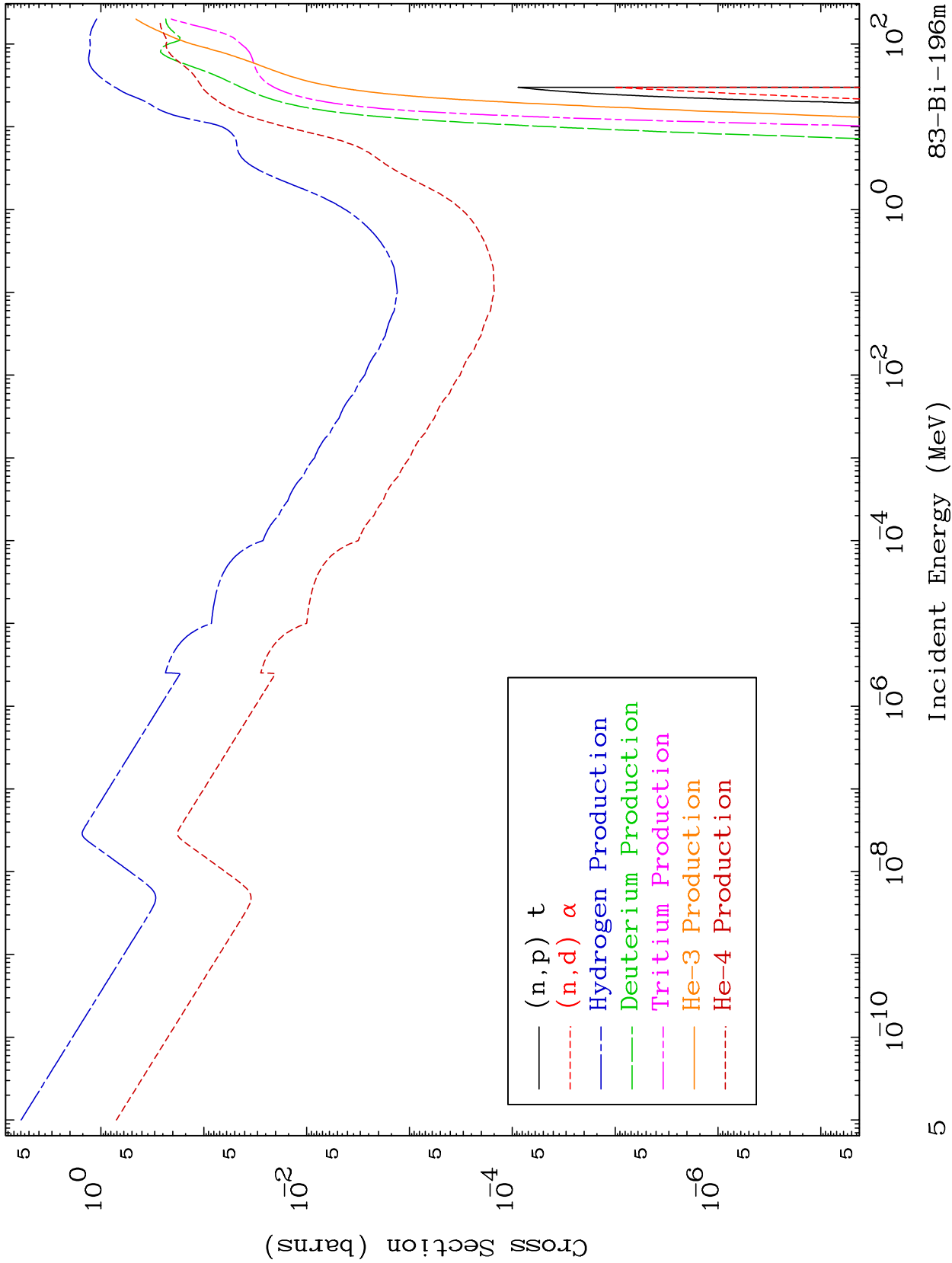


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Neutron Absorption
293 Kelvin Cross Sections

83-Bi-196m

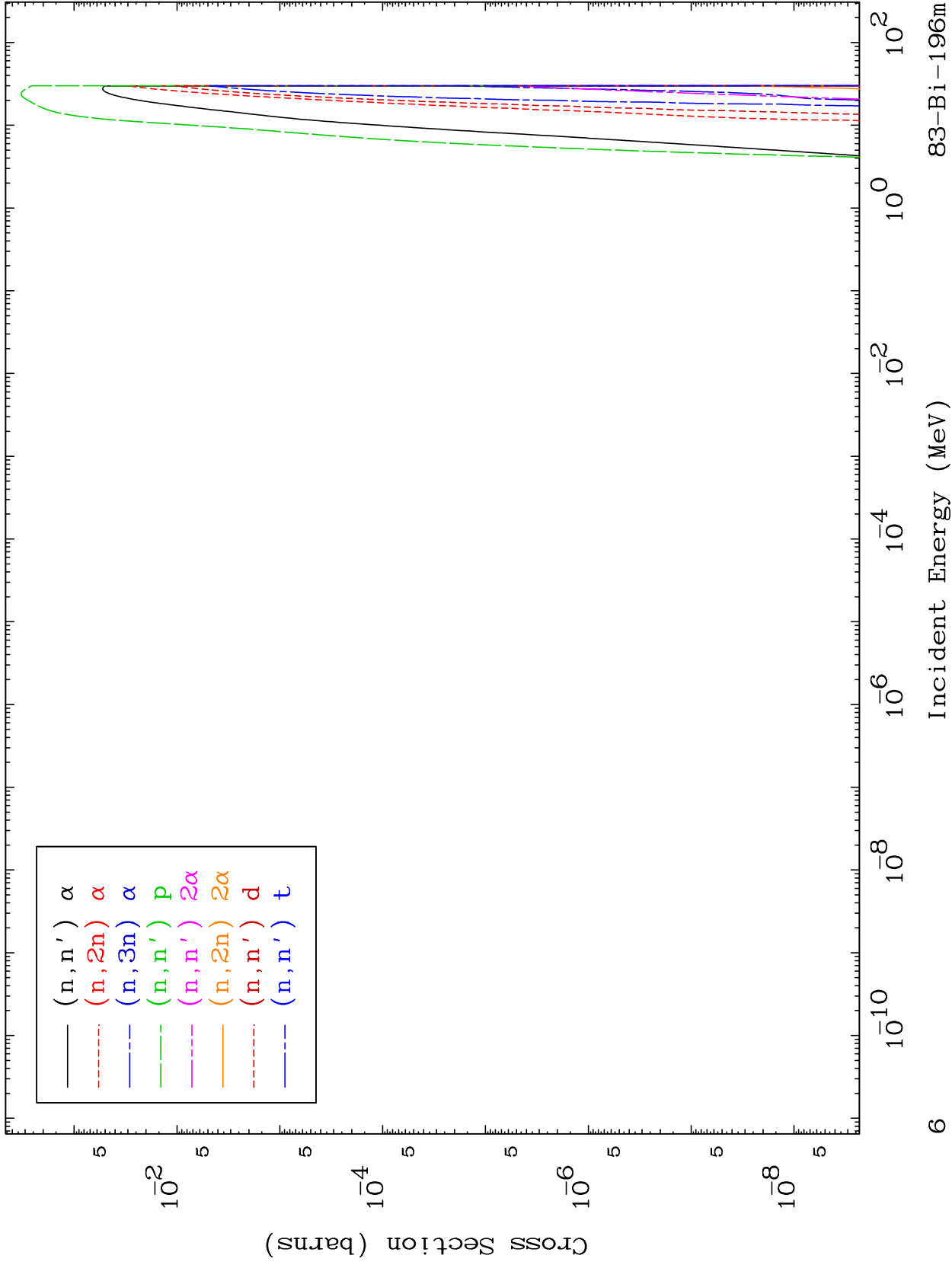




MAT 8287

Charged Particle
293 Kelvin Cross Sections

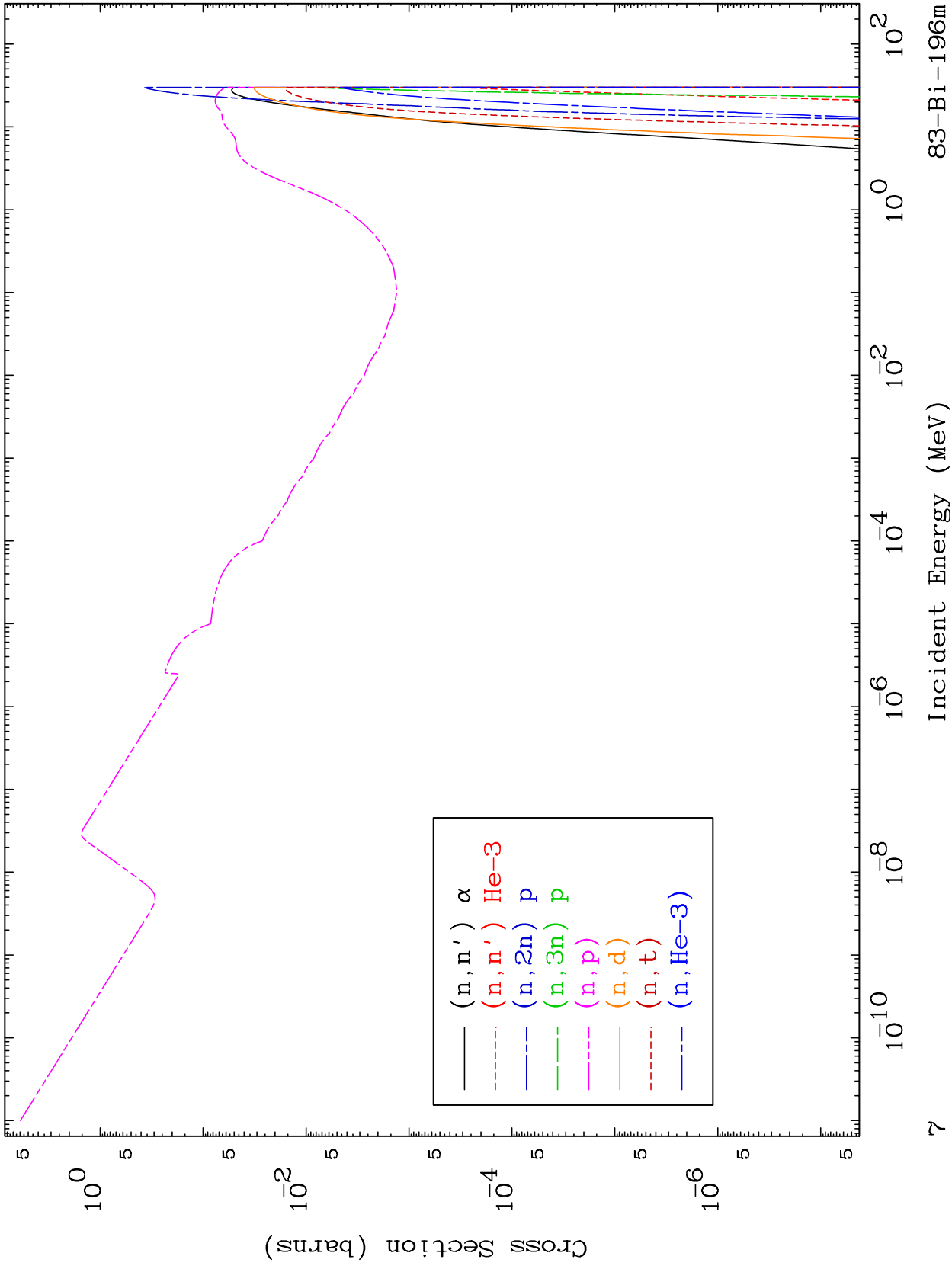
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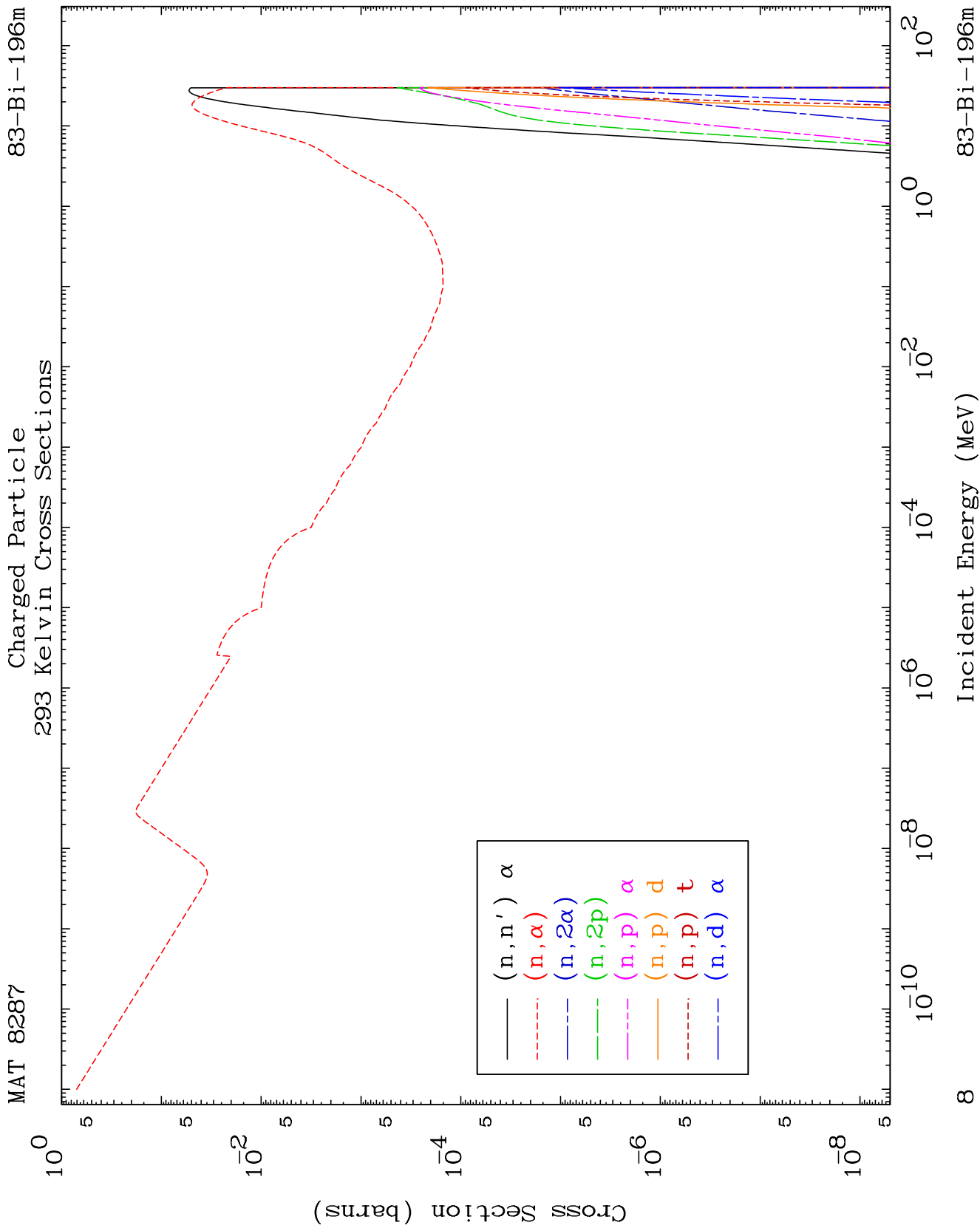


MAT 8287

Charged Particle
293 Kelvin Cross Sections

83-Bi-196m

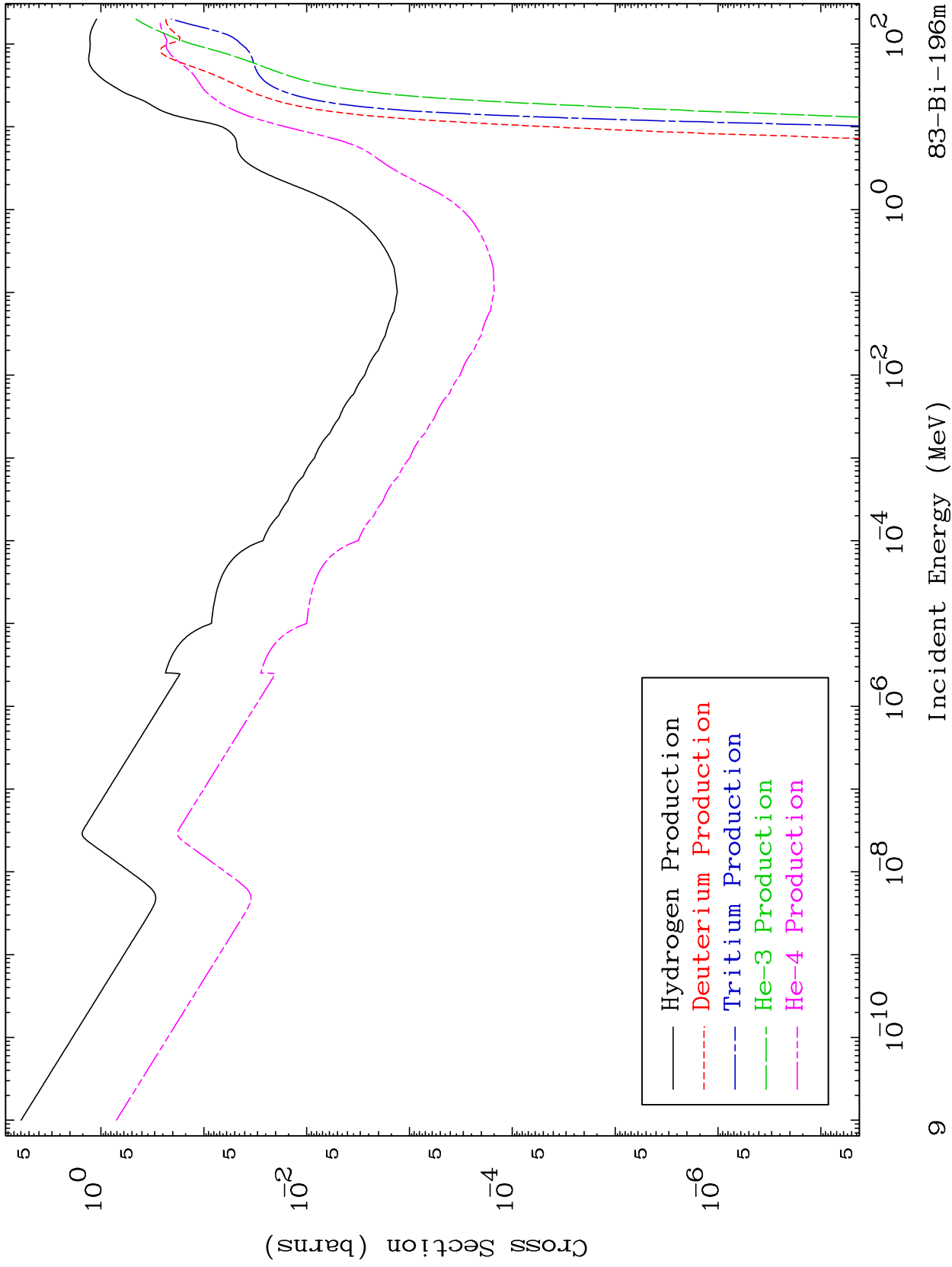




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Particle Production
293 Kelvin Cross Sections

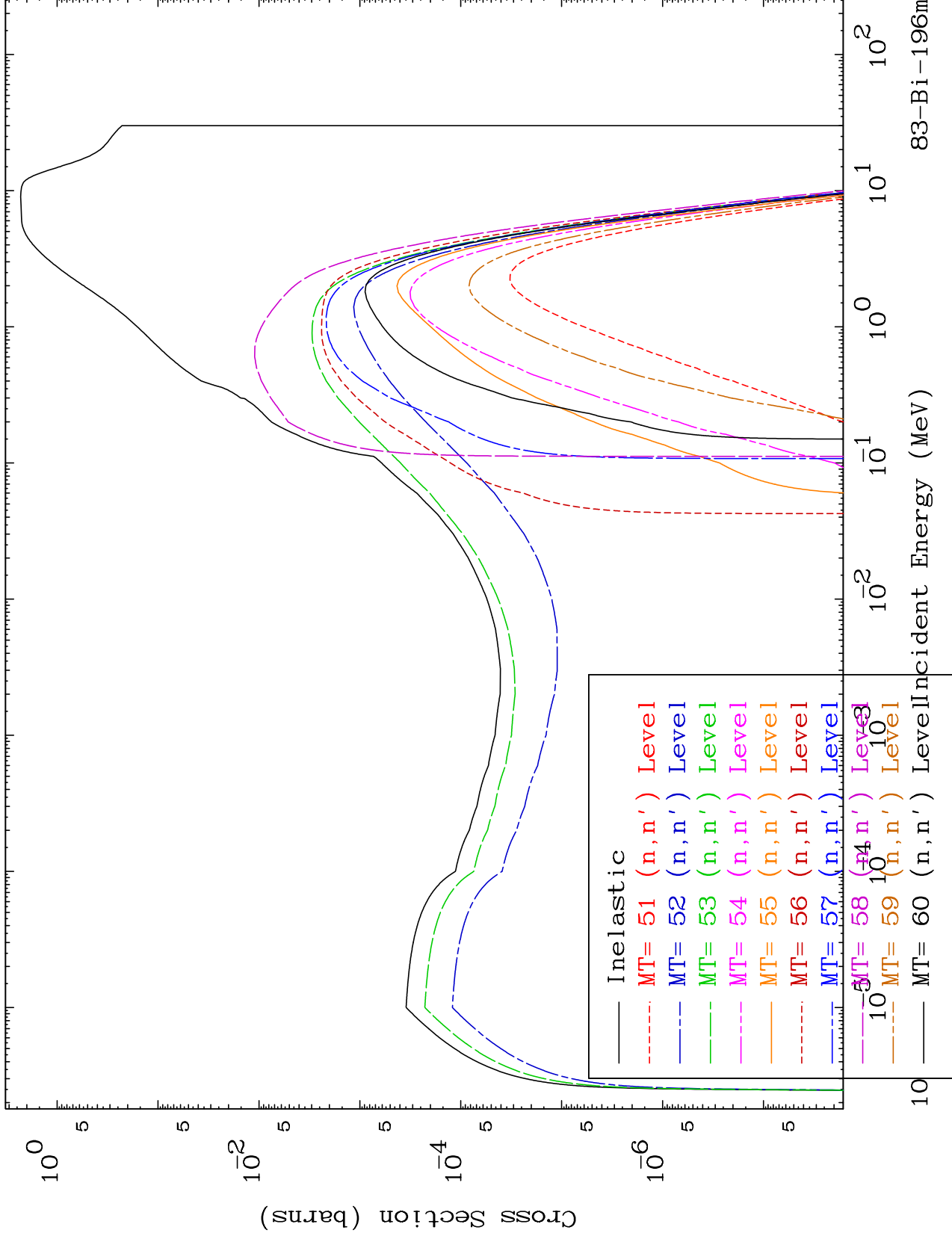
83-Bi-196m



MAT 8287

(n,n') Levels
293 Kelvin Cross Sections

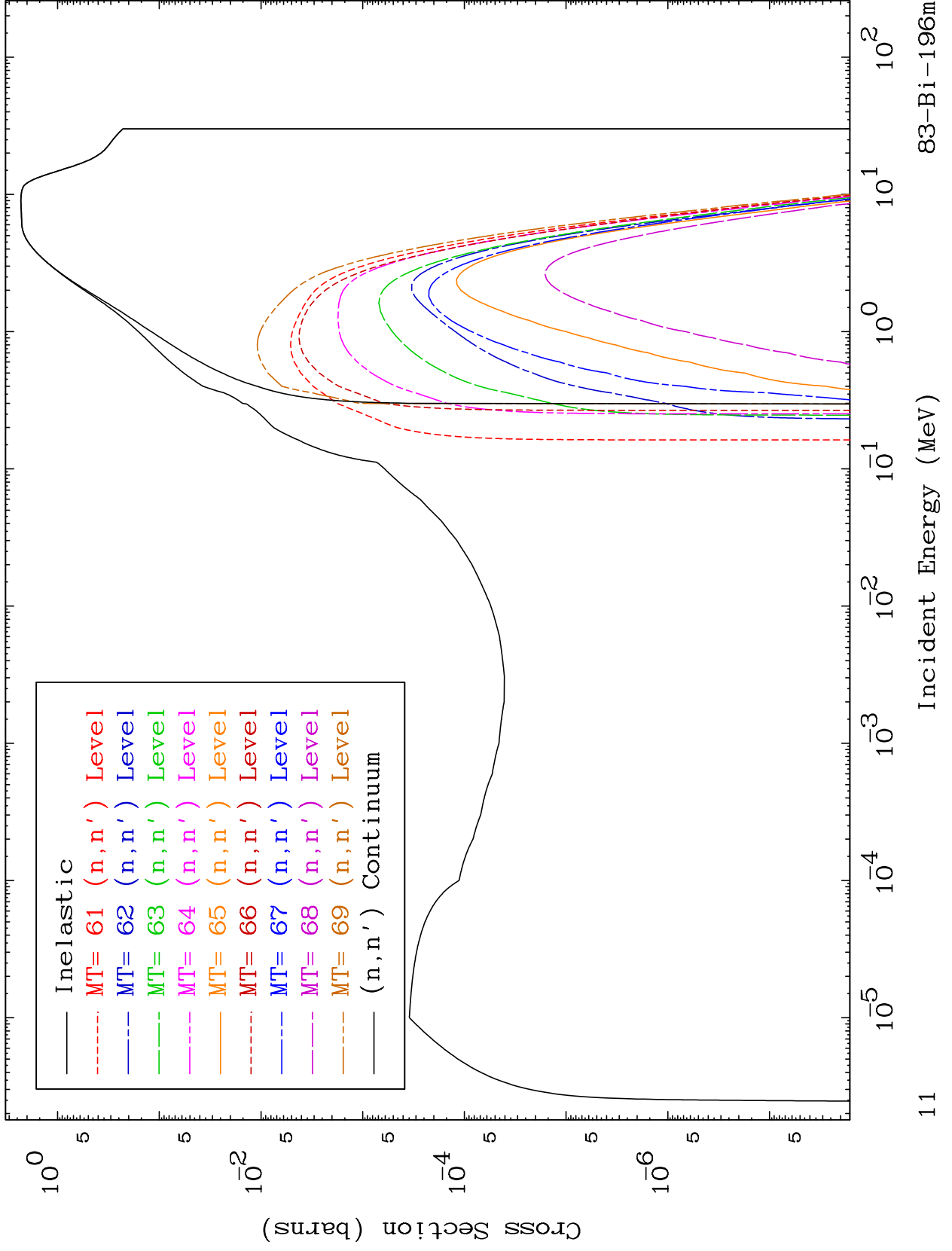
83-Bi-196m



MAT 8287

(n,n') Levels
293 Kelvin Cross Sections

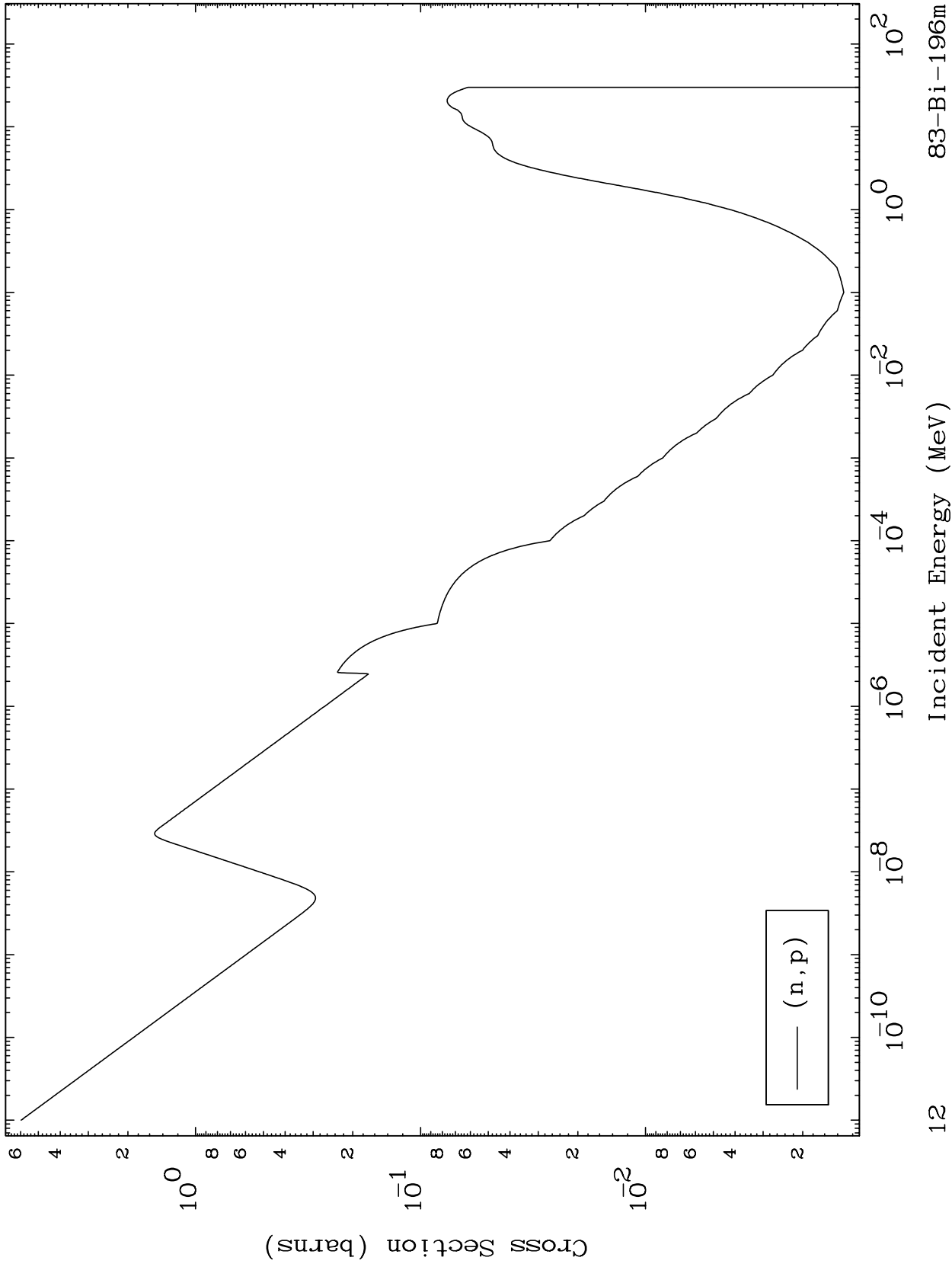
83-Bi-196m



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(n,p) Levels
293 Kelvin Cross Sections

83-Bi-196m



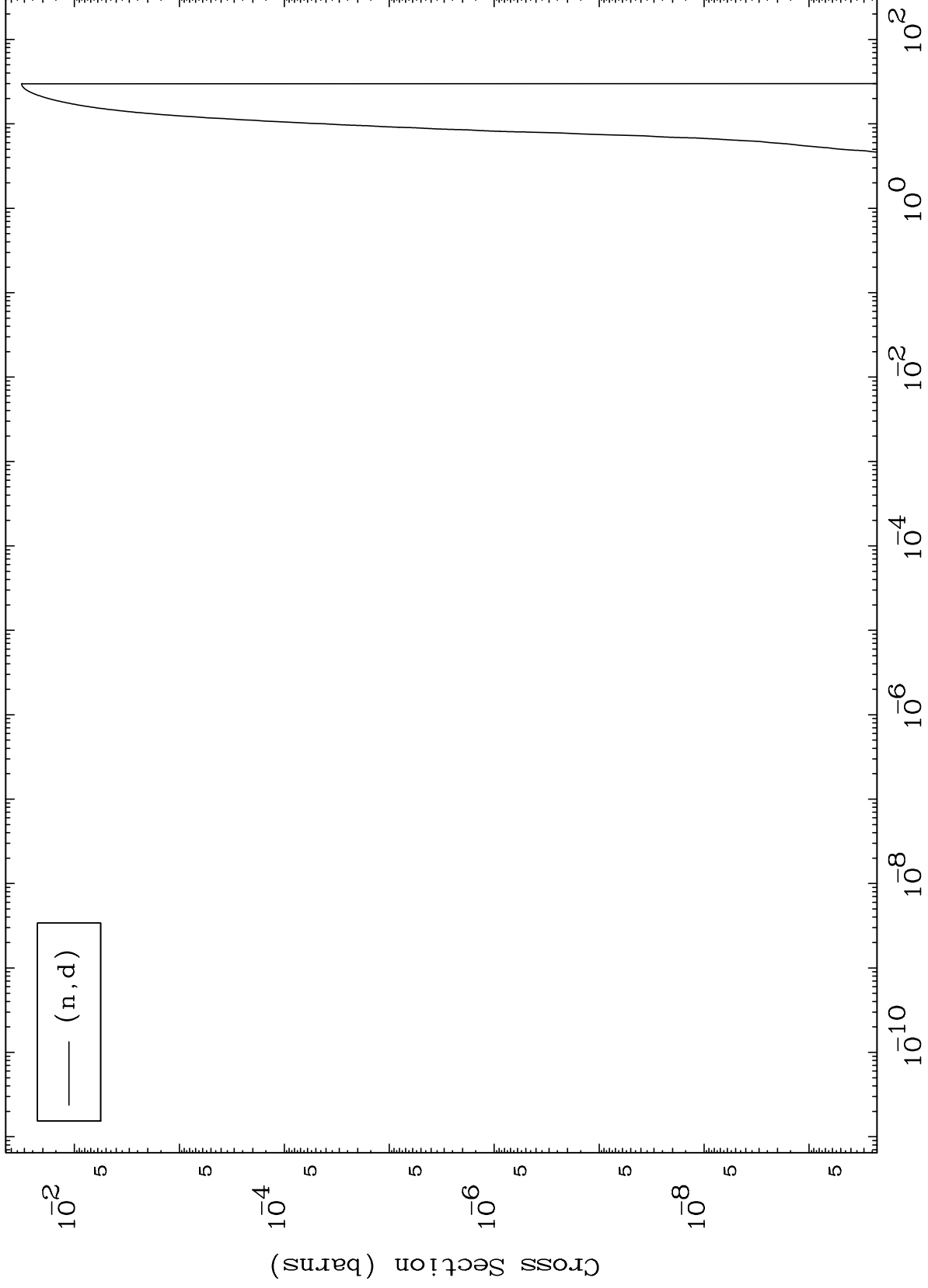
12

83-Bi-196m

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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-196m



13

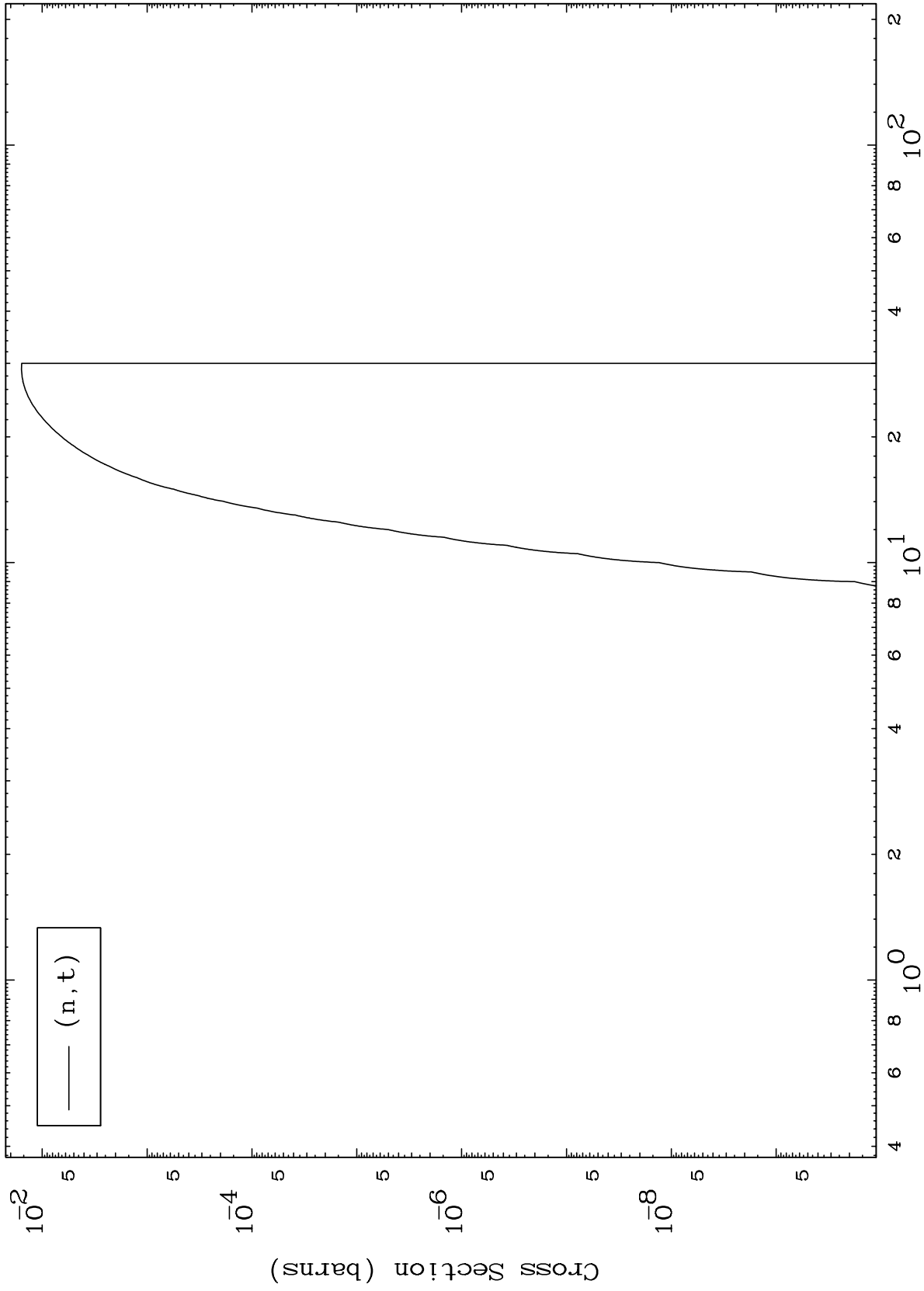
Incident Energy (MeV)

83-Bi-196m

MAT 8287

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-196m



14

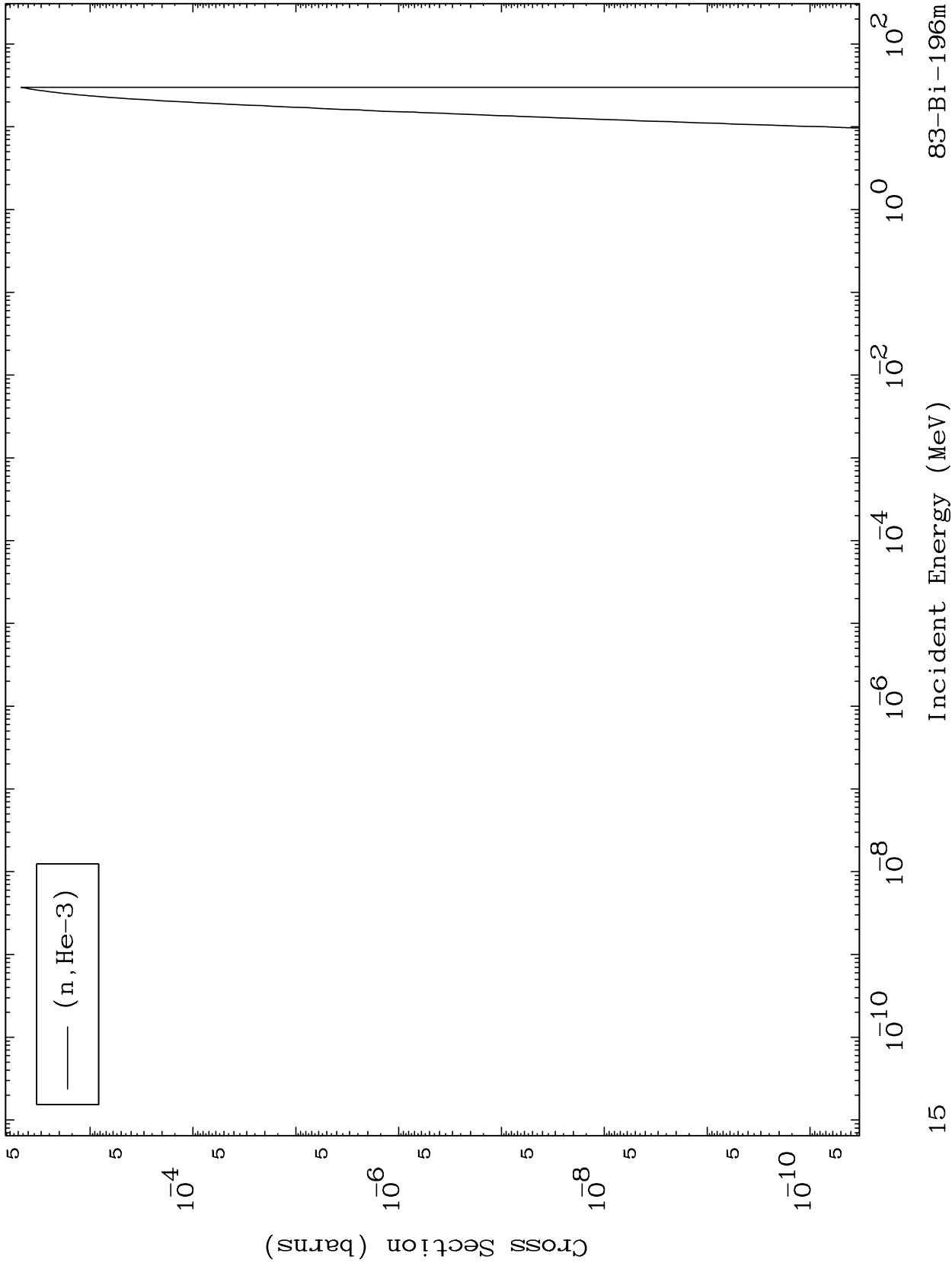
Incident Energy (MeV)

83-Bi-196m

MAT 8287

(n,He3) Levels
293 Kelvin Cross Sections

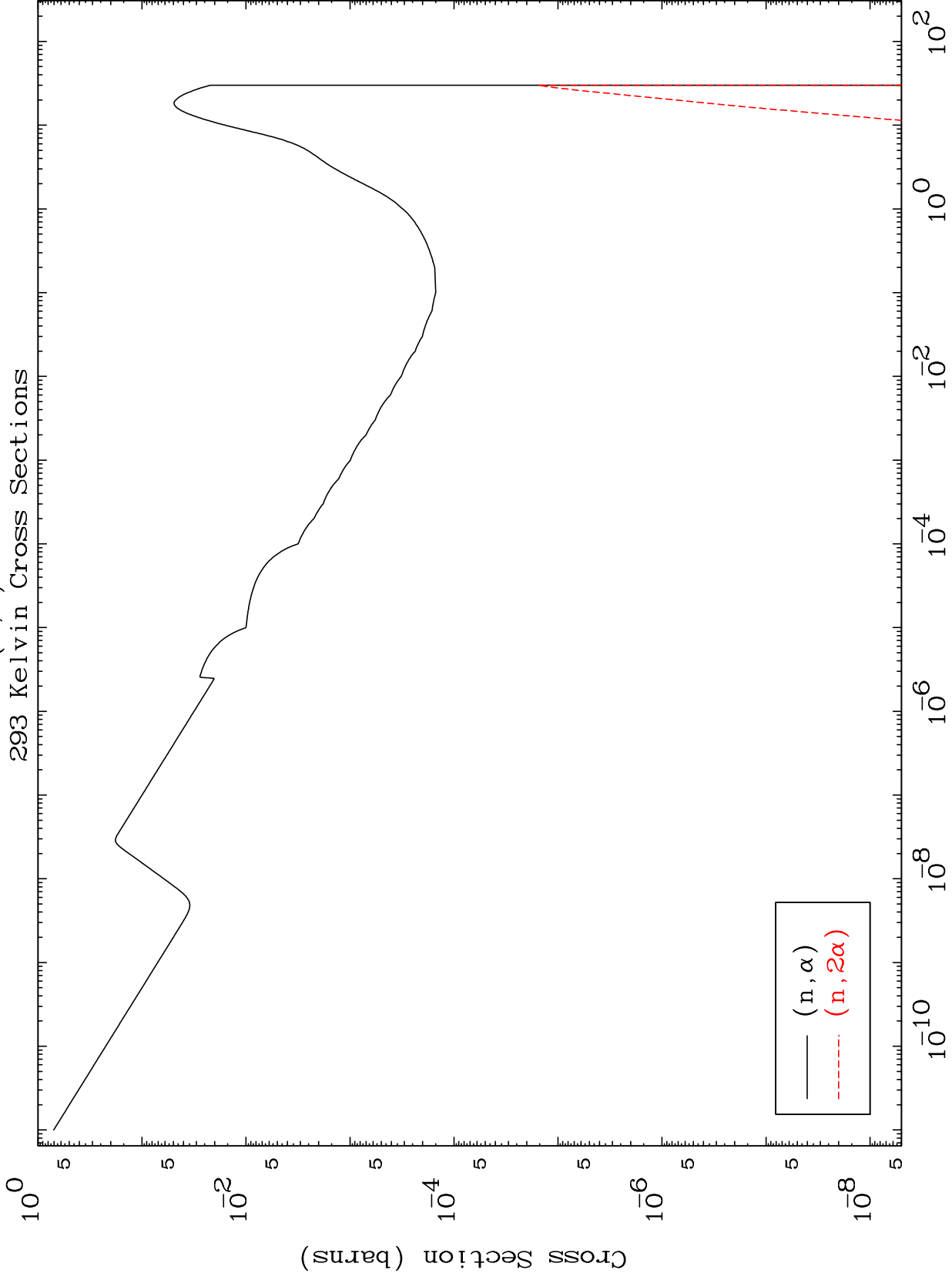
83-Bi-196m



MAT 8287

(n,α) Levels
293 Kelvin Cross Sections

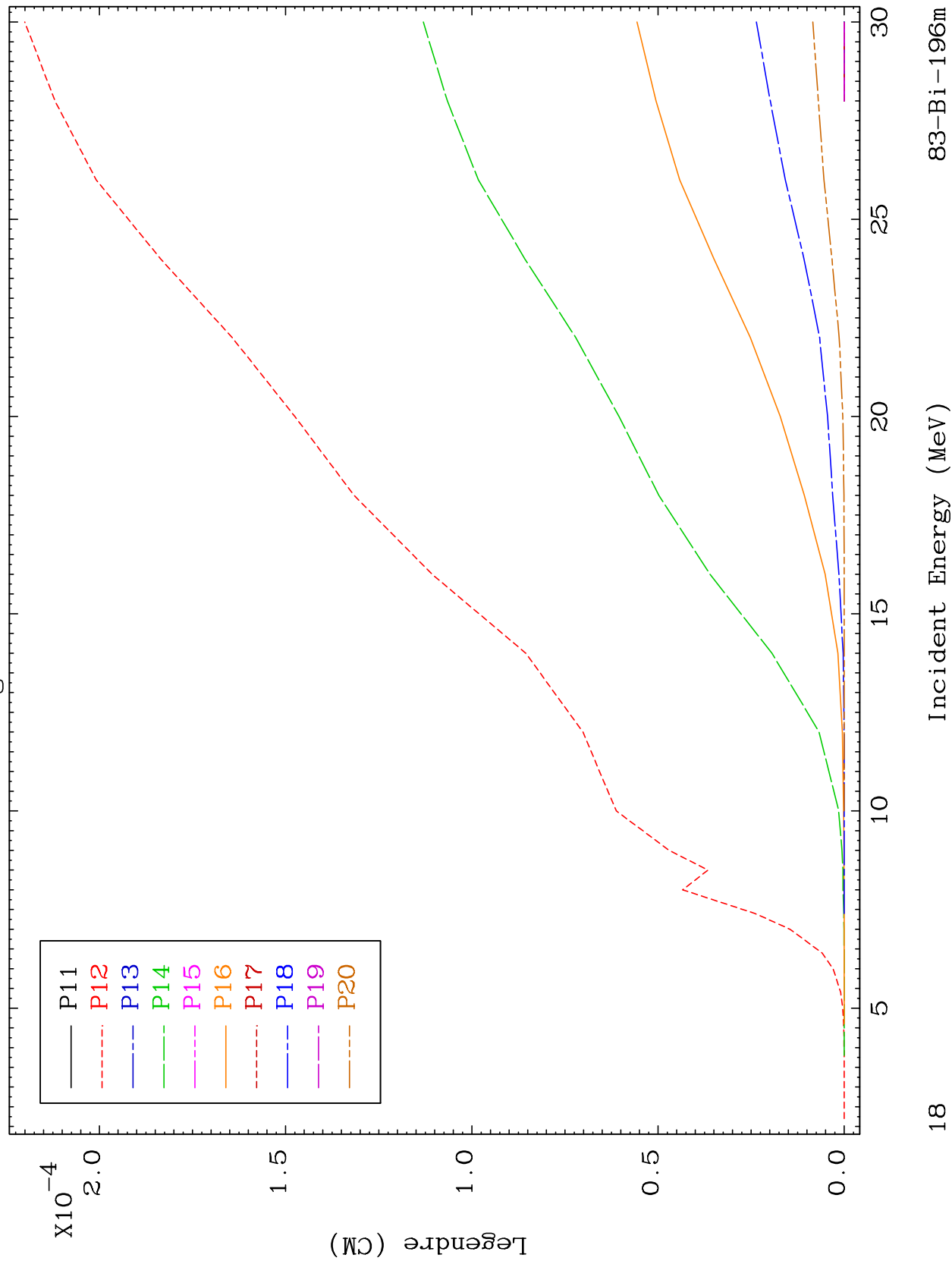
83-Bi-196m



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Elastic Legendre Coefficients

83-Bi-196m



18

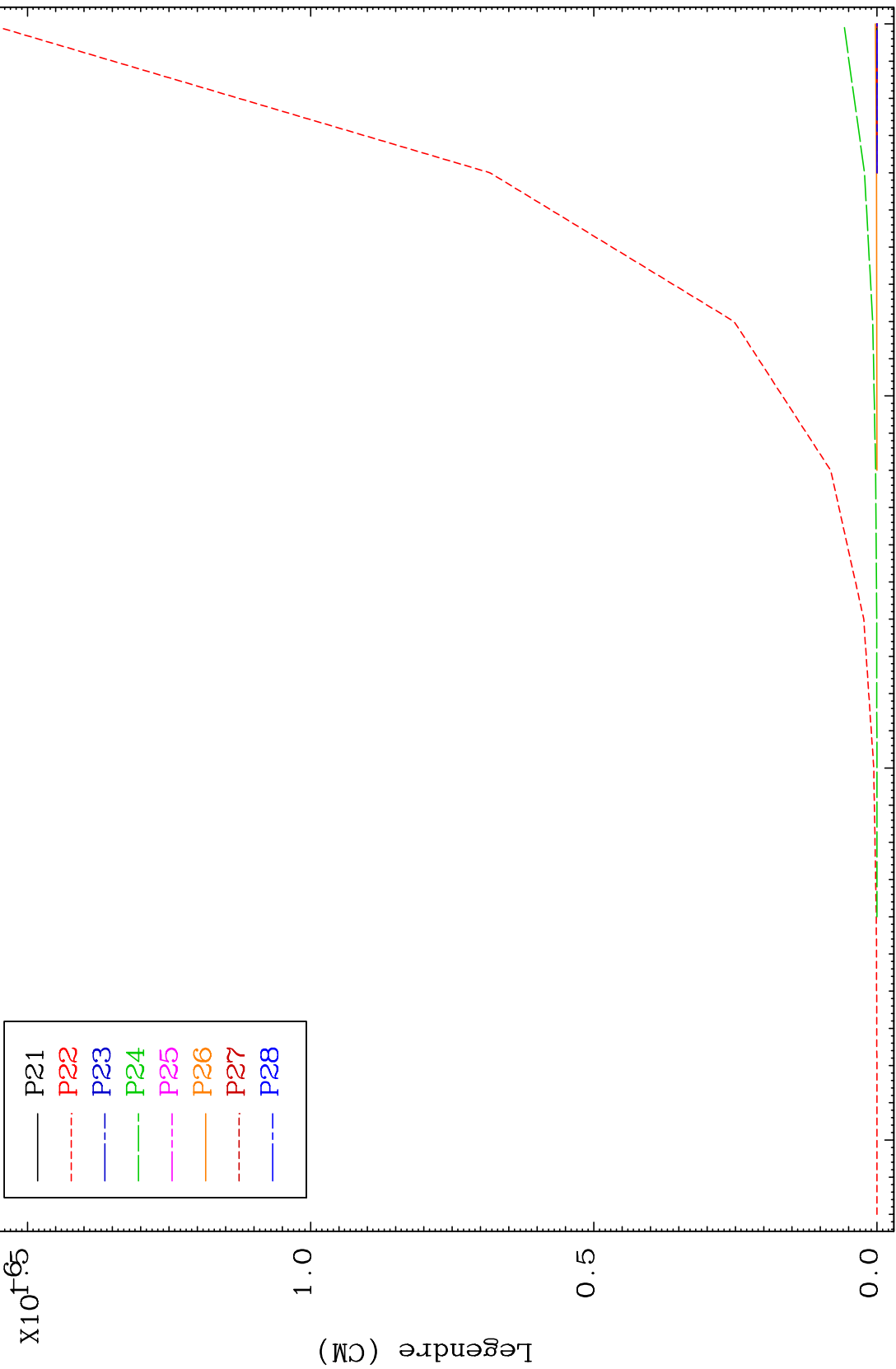
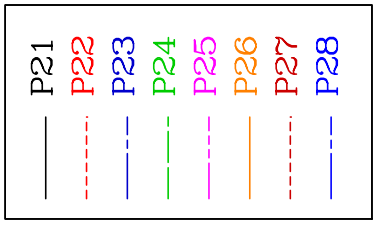
83-Bi-196m

Incident Energy (MeV)

MAT 8287

Elastic Legendre Coefficients

83-Bi-196m



19

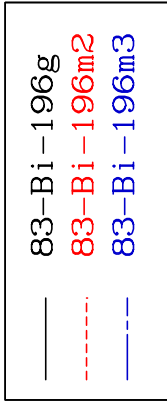
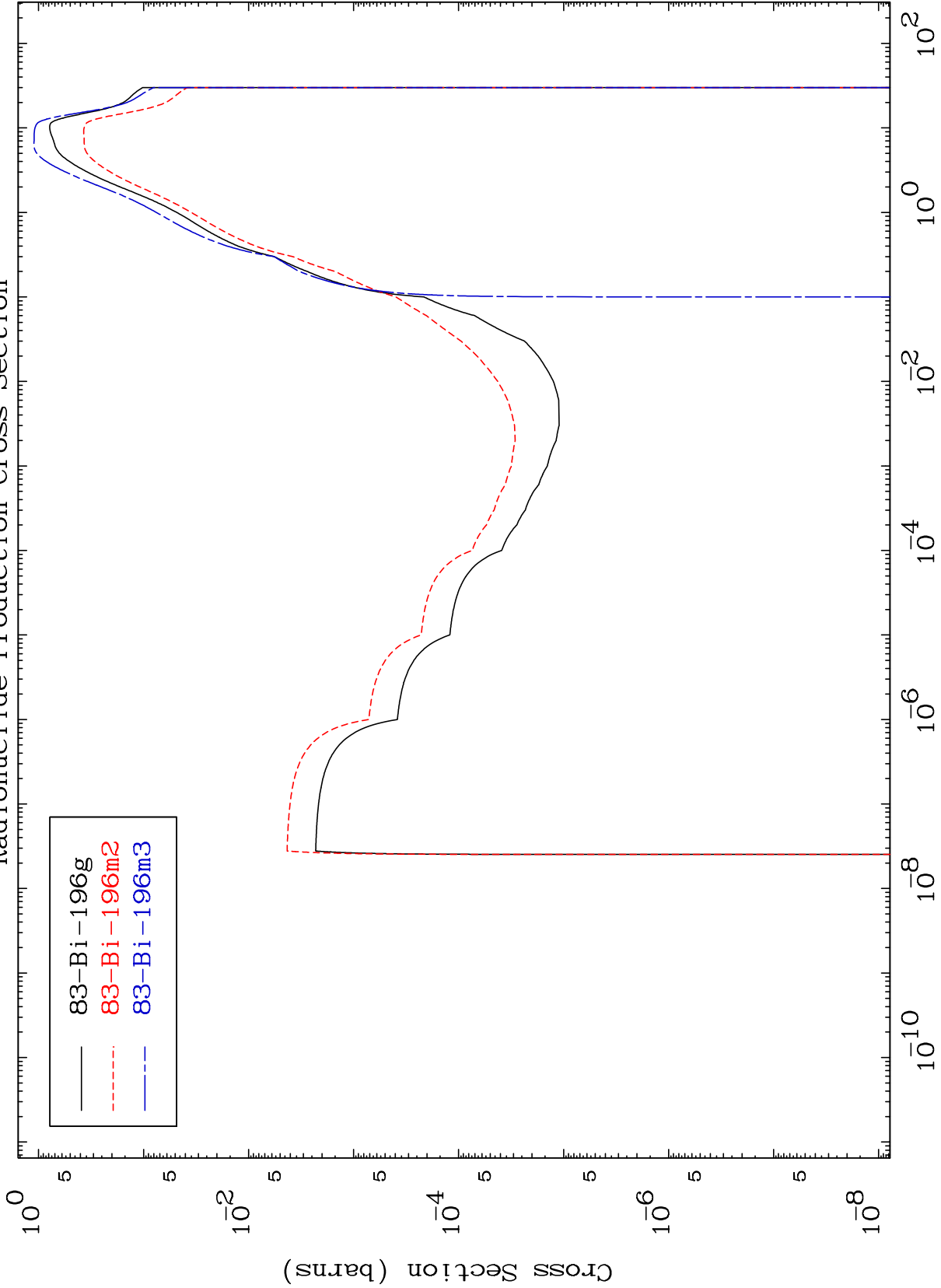
Incident Energy (MeV)

83-Bi-196m

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Inelastic
Radionuclide Production Cross Section

83-Bi-196m



20

83-Bi-196m

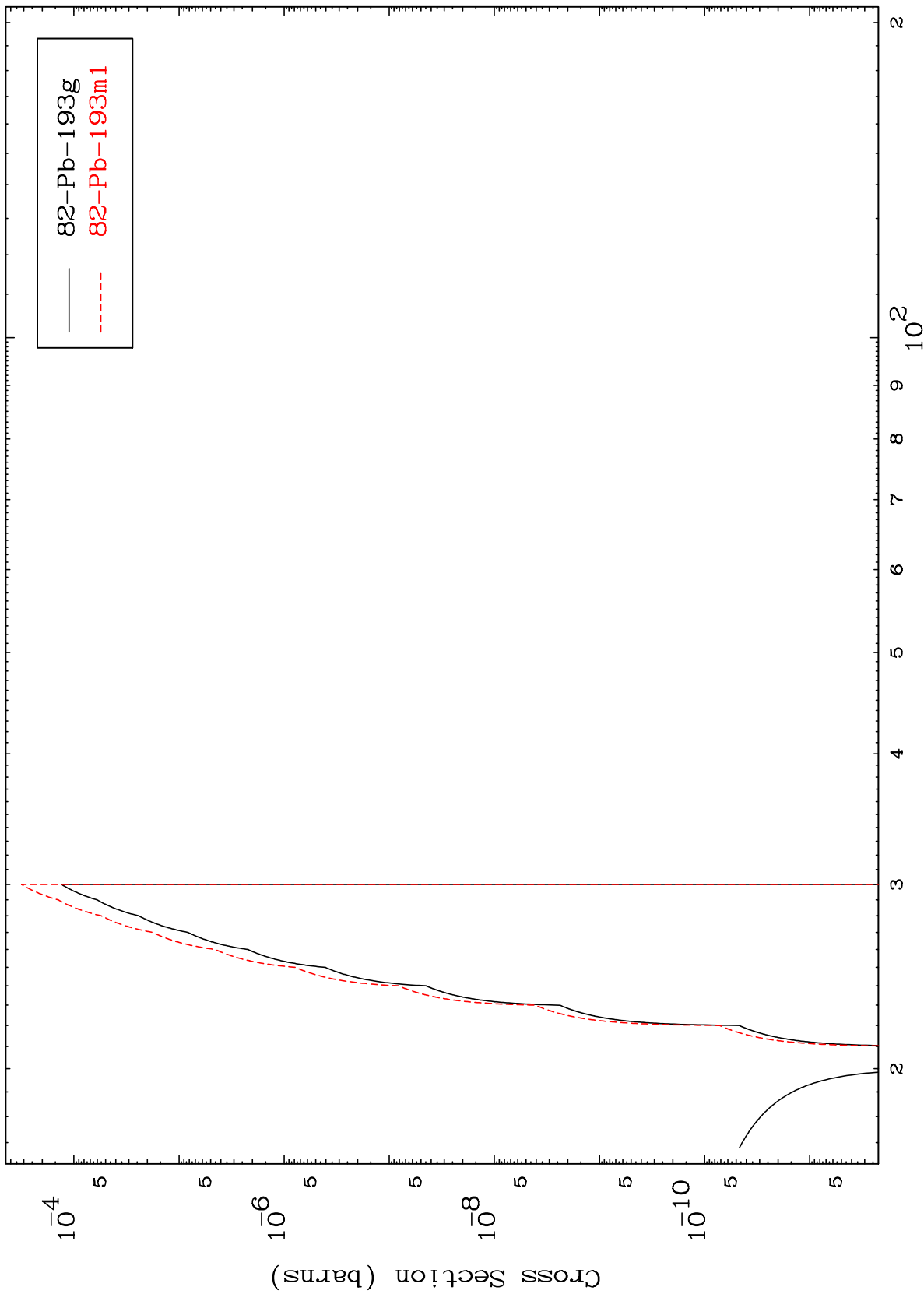
Incident Energy (MeV)

MAT 8287

(n,2n) d

83-Bi-196m

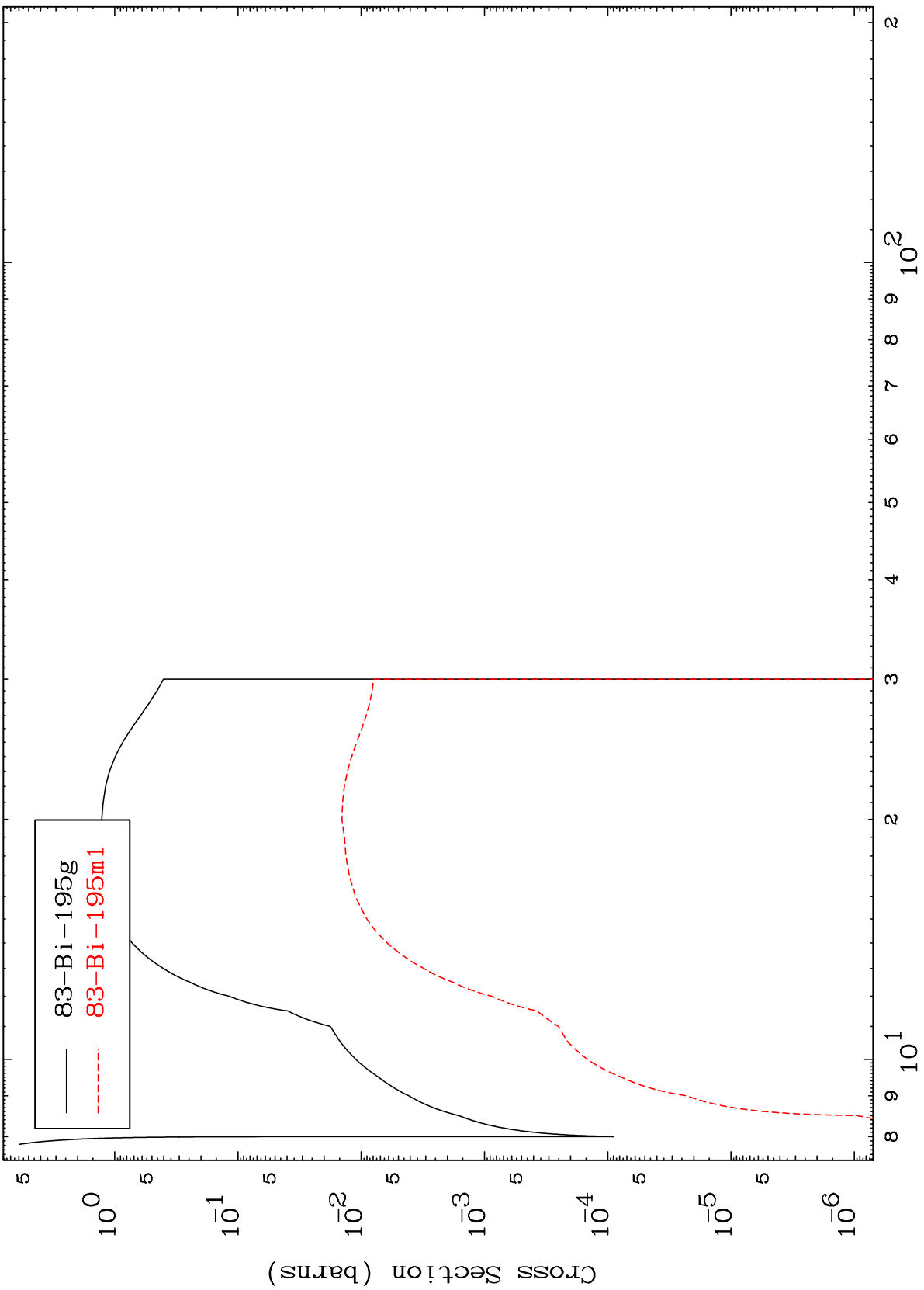
Radionuclide Production Cross Section



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$^{83}\text{Bi}-196\text{m}$

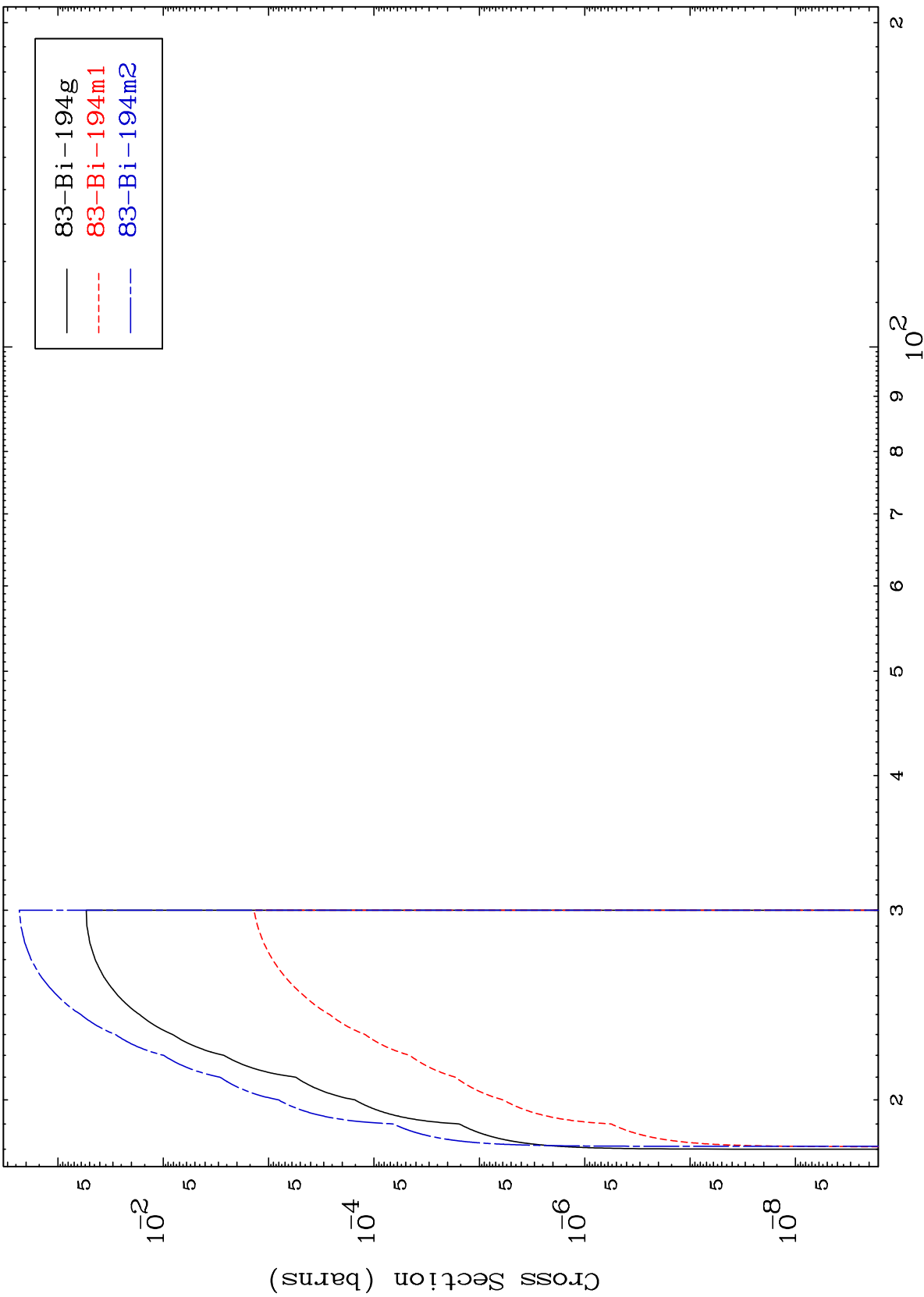
Radionuclide Production Cross Section
(n,2n)



$^{83}\text{Bi}-196\text{m}$

Incident Energy (MeV)

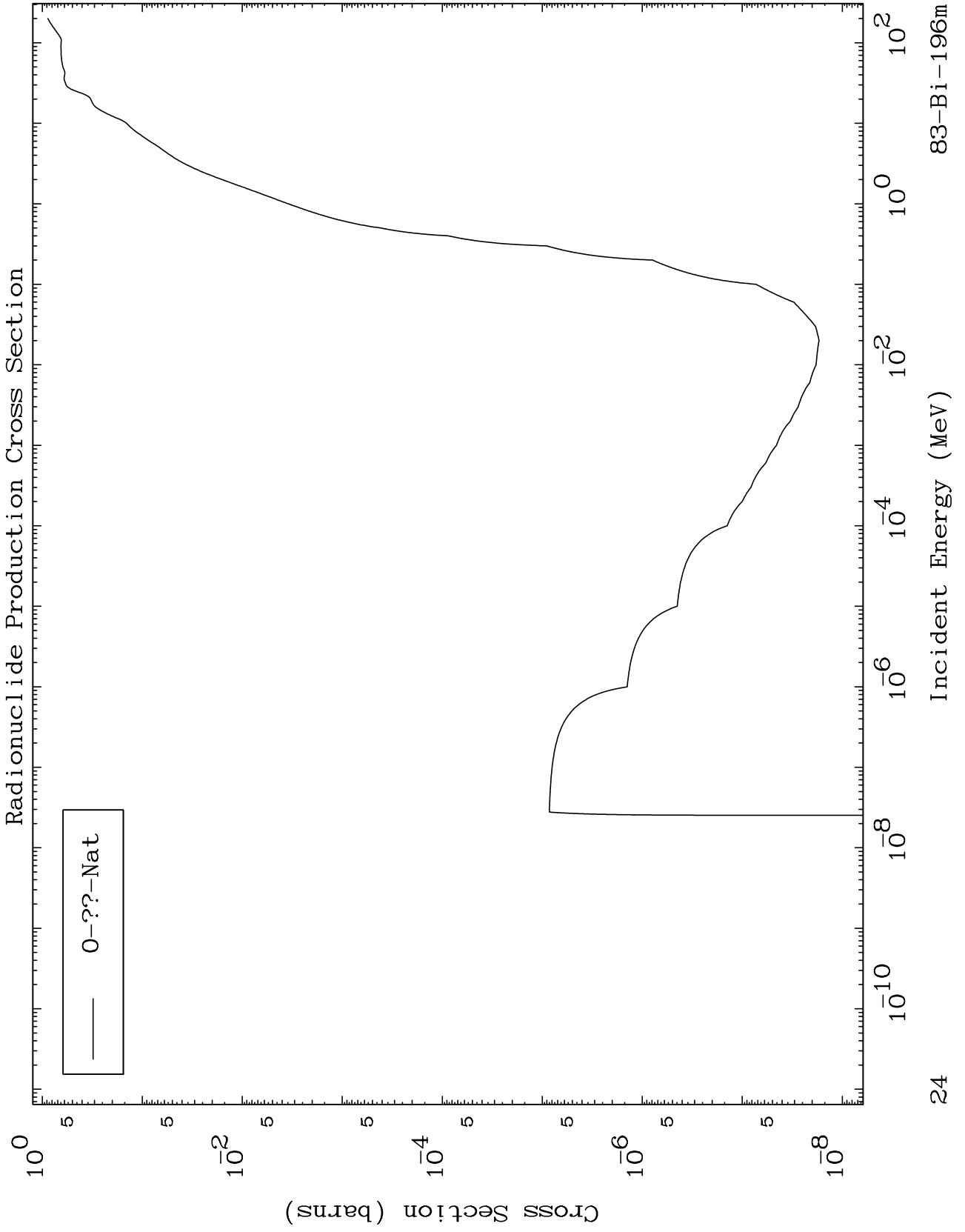
(n,3n)
Radionuclide Production Cross Section



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Fission

⁸³Bi-196m

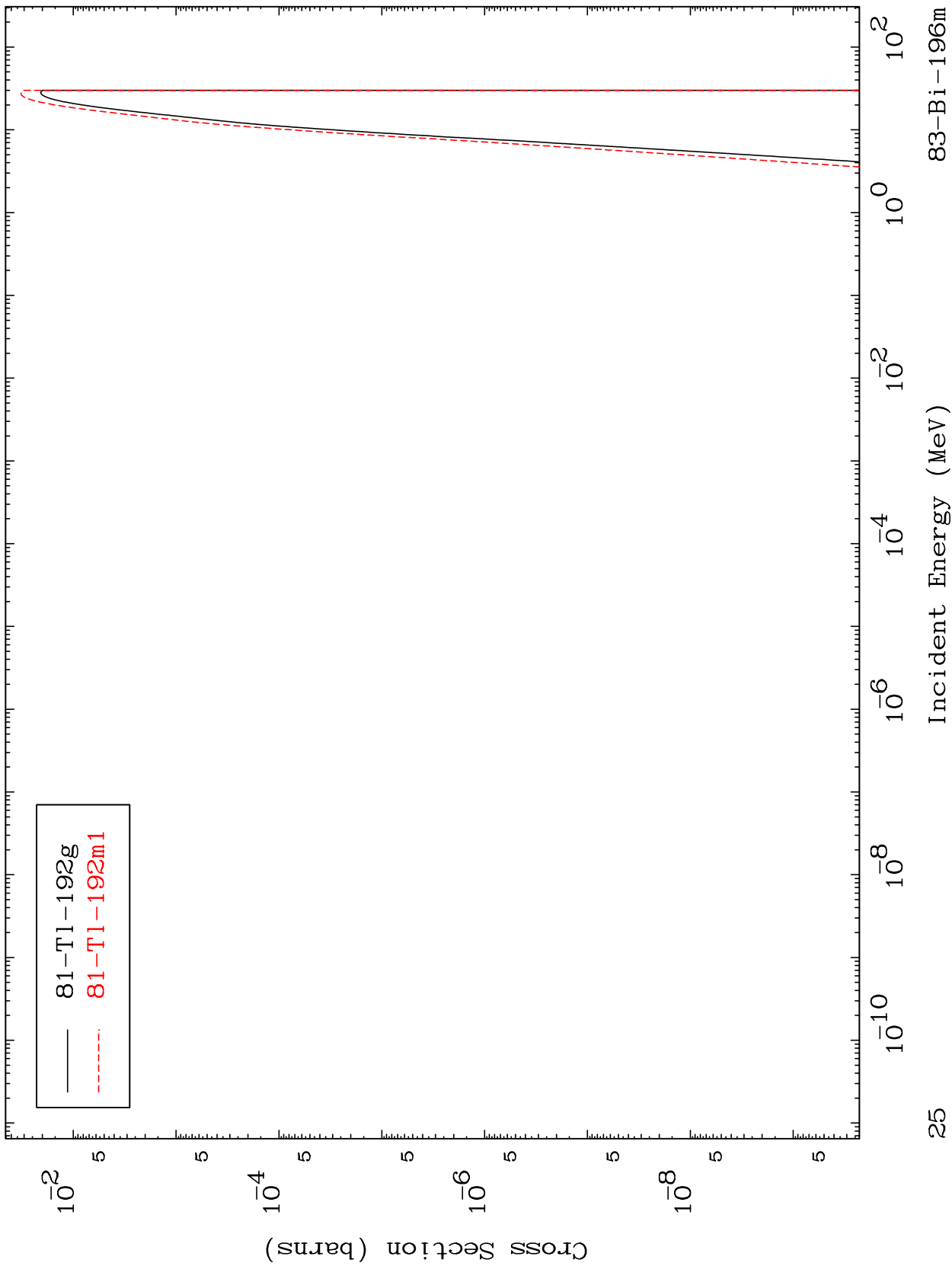


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$(n, n') \alpha$

83-Bi-196m

Radionuclide Production Cross Section



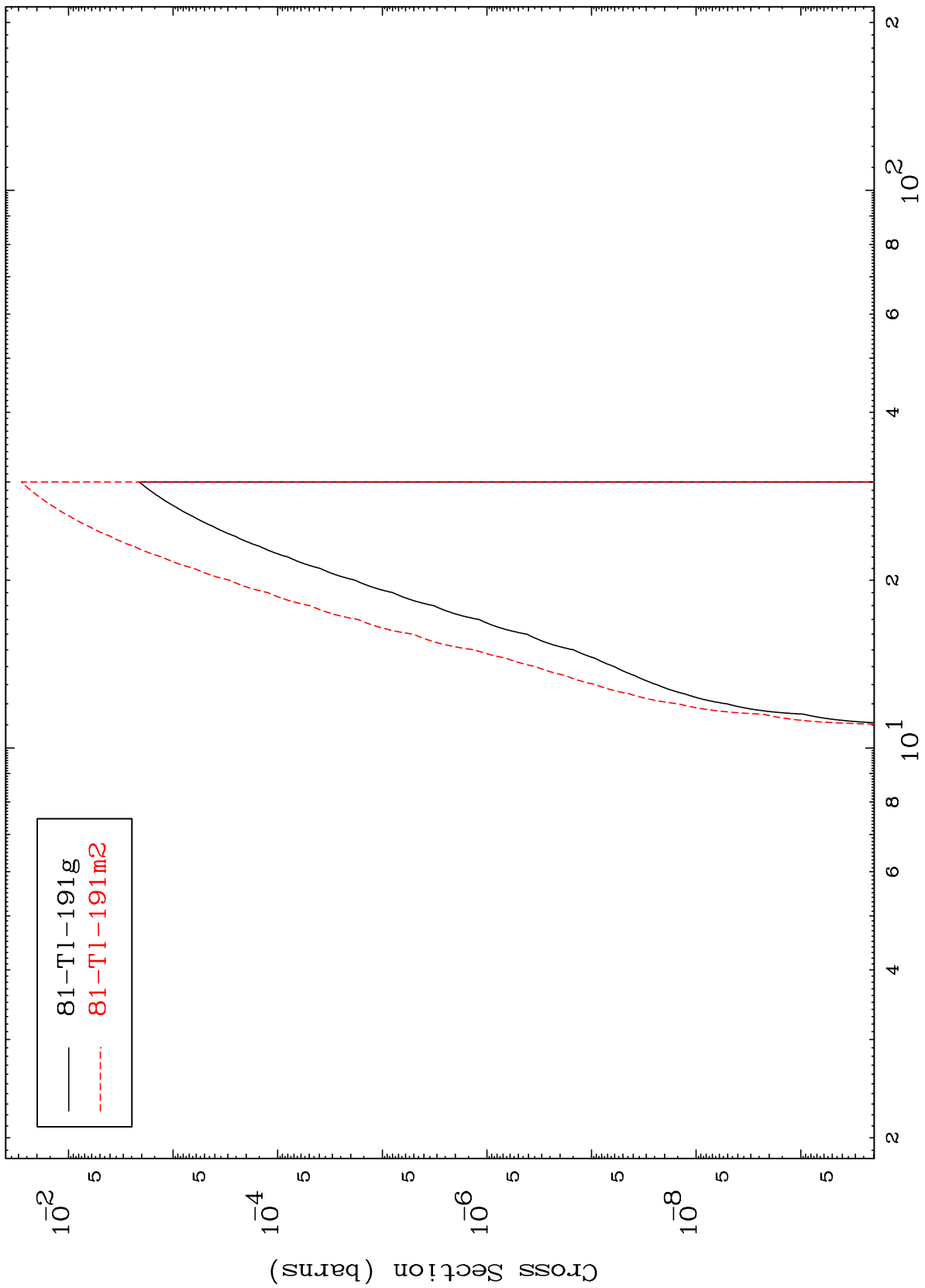
81-Tl-192g
81-Tl-192m1

MAT 8287

(n,2n) α

83-Bi-196m

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

26

Incident Energy (MeV)

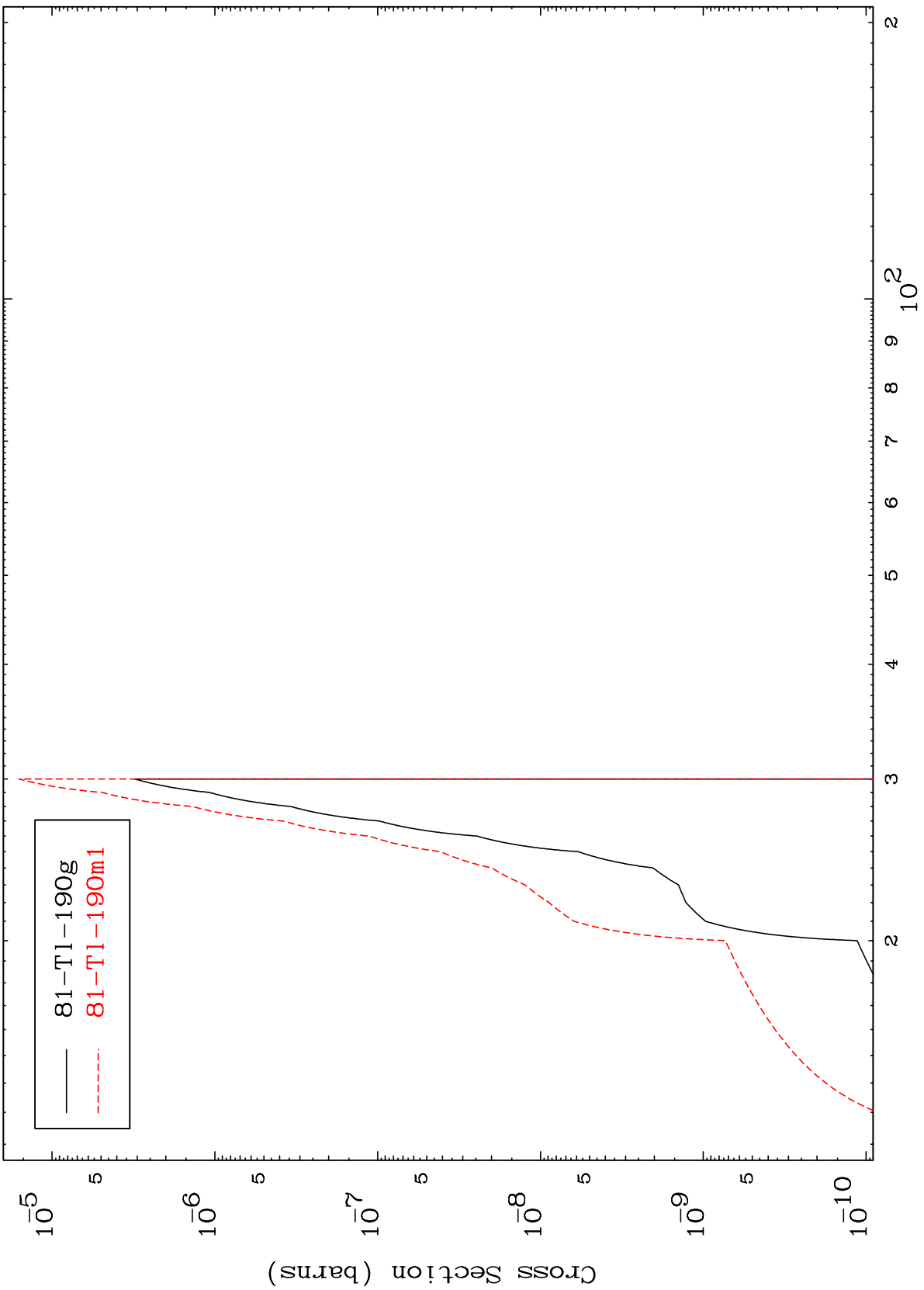
83-Bi-196m

MAT 8287

(n,3n) α

83-Bi-196m

Radionuclide Production Cross Section

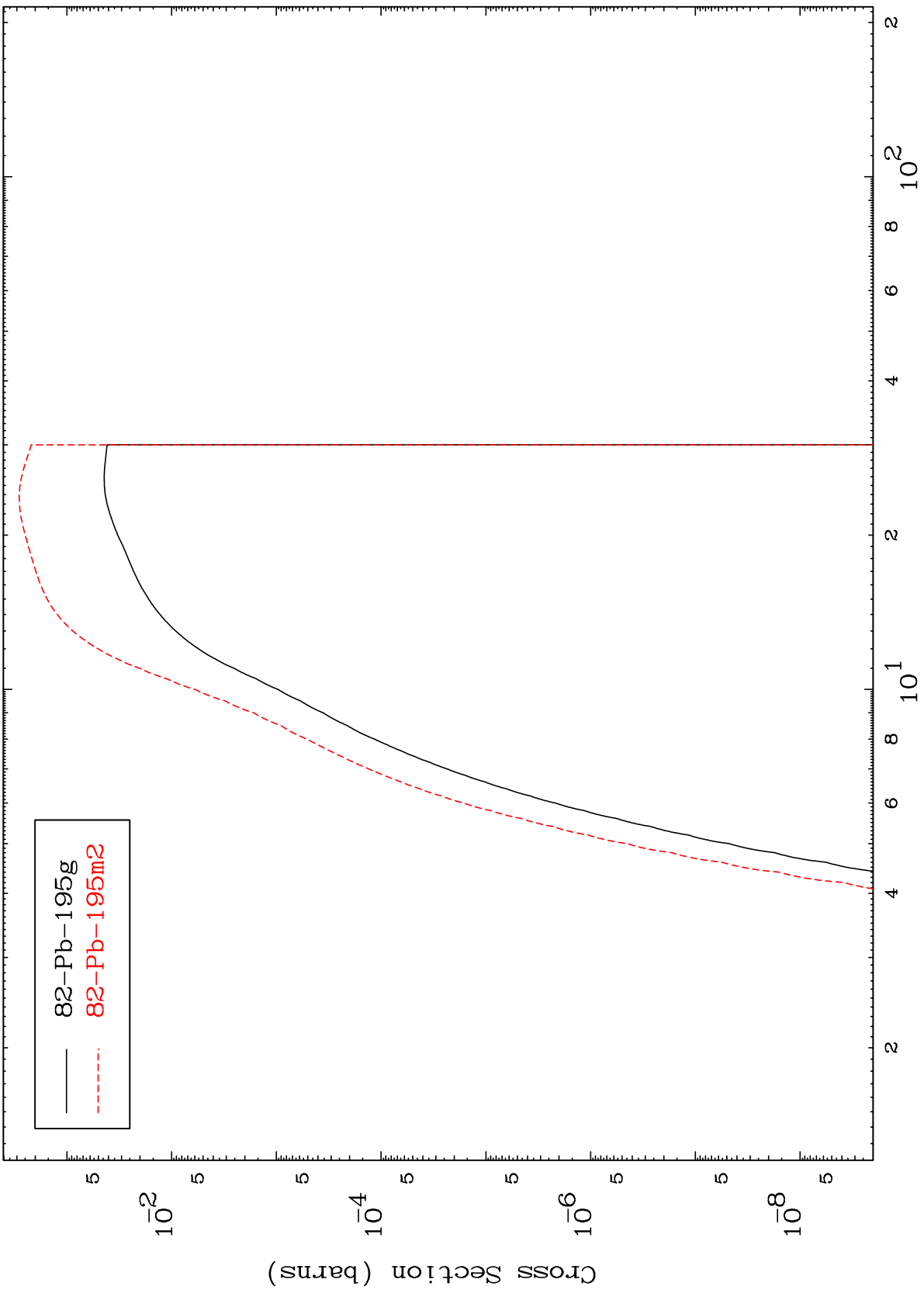


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(n,n') p

83-Bi-196m

Radionuclide Production Cross Section



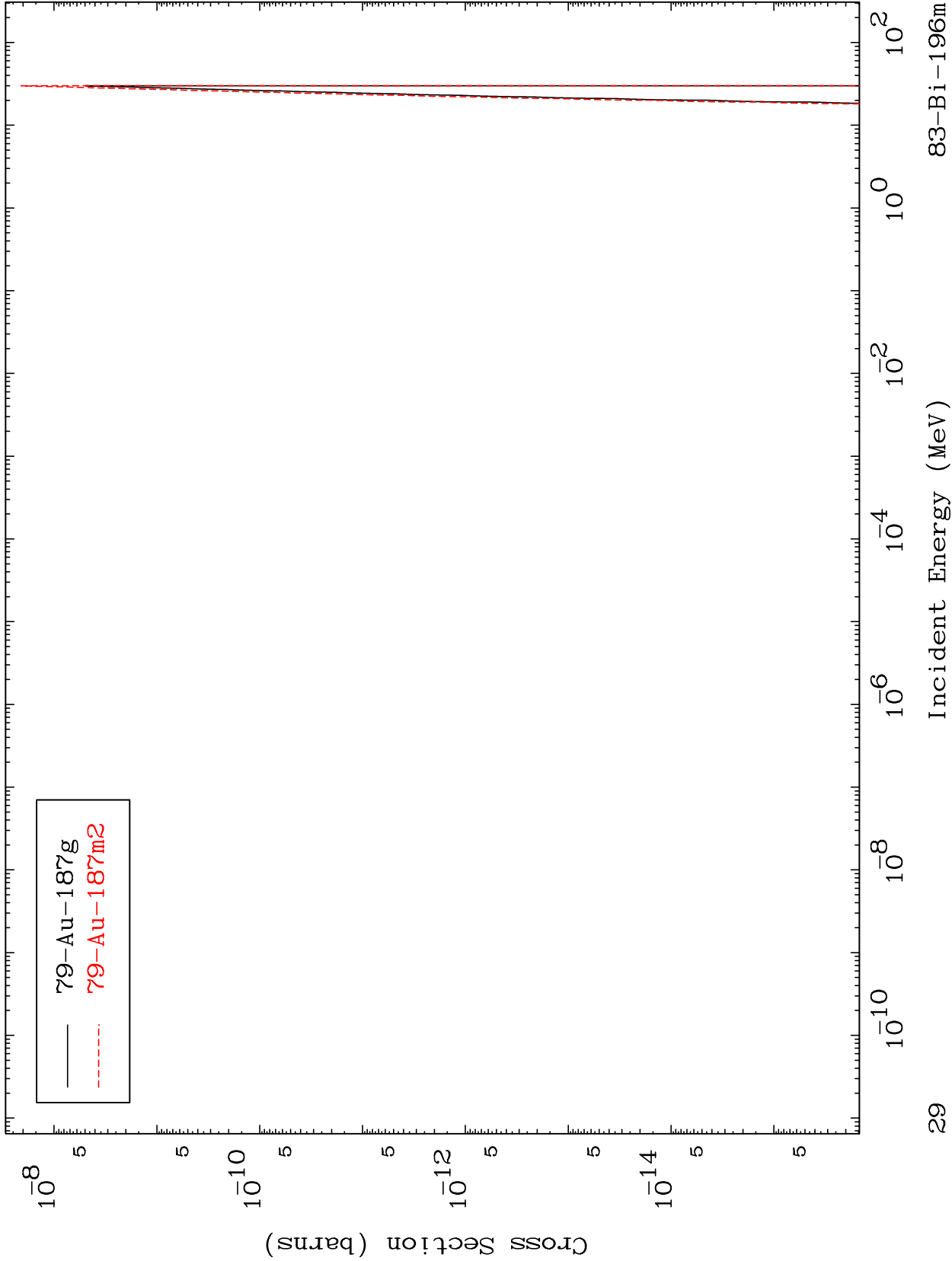
— 82-Pb-195g
- - - 82-Pb-195m2

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(n,2n) 2 α

83-Bi-196m

Radionuclide Production Cross Section

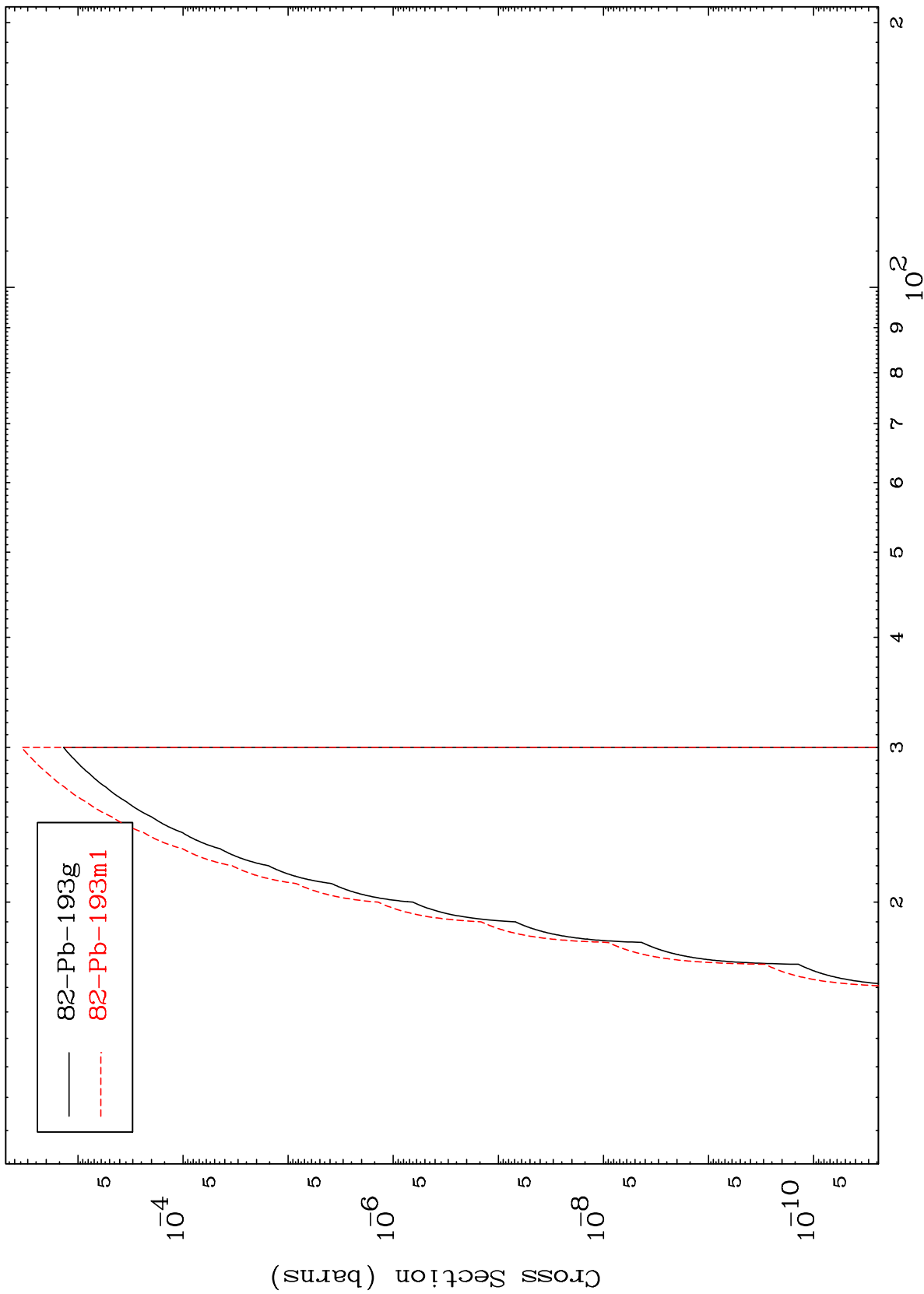


MAT 8287

(n,n') t

83-Bi-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-196m

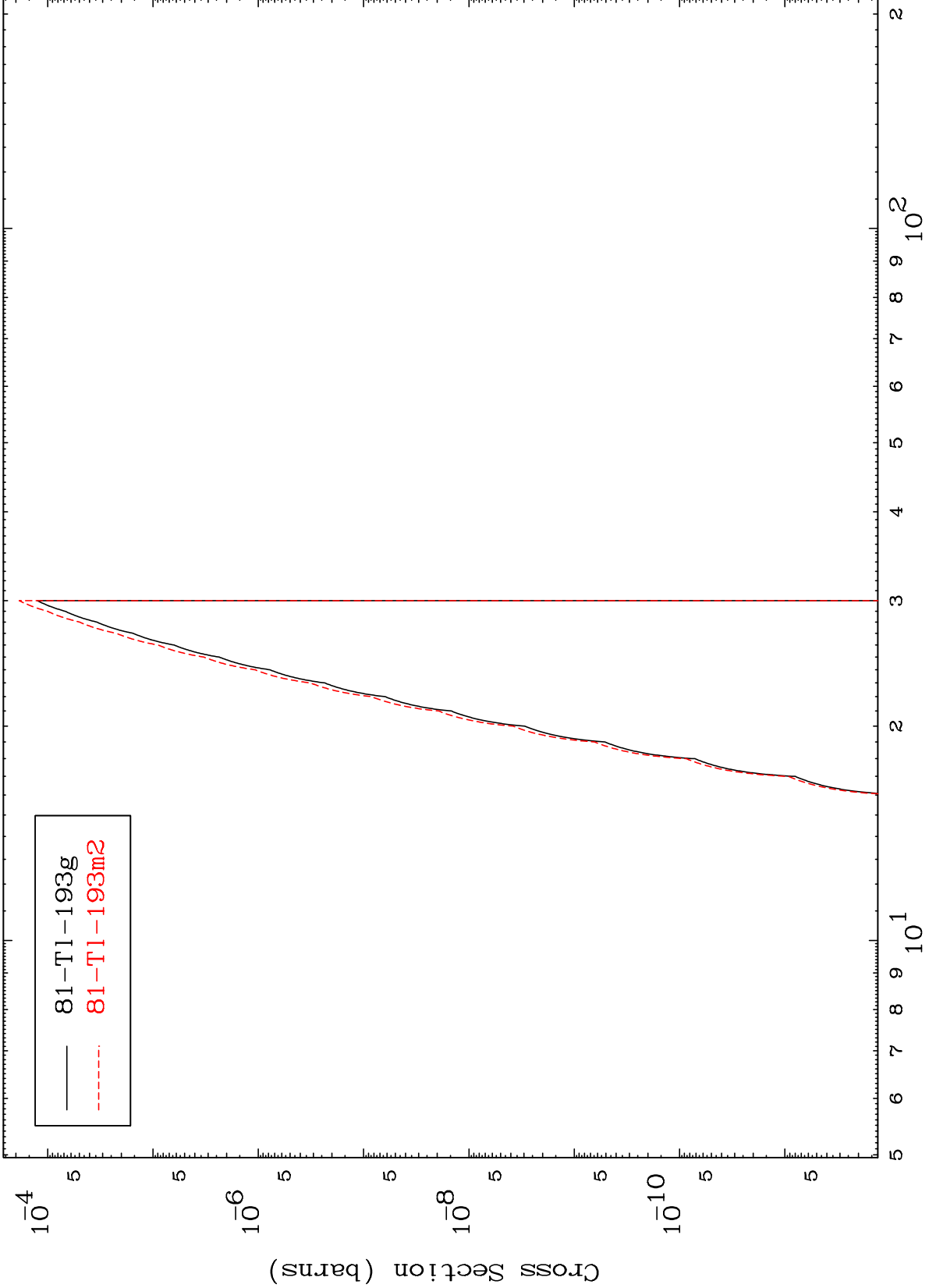
30

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(n,n') He-3

83-Bi-196m

Radionuclide Production Cross Section



31

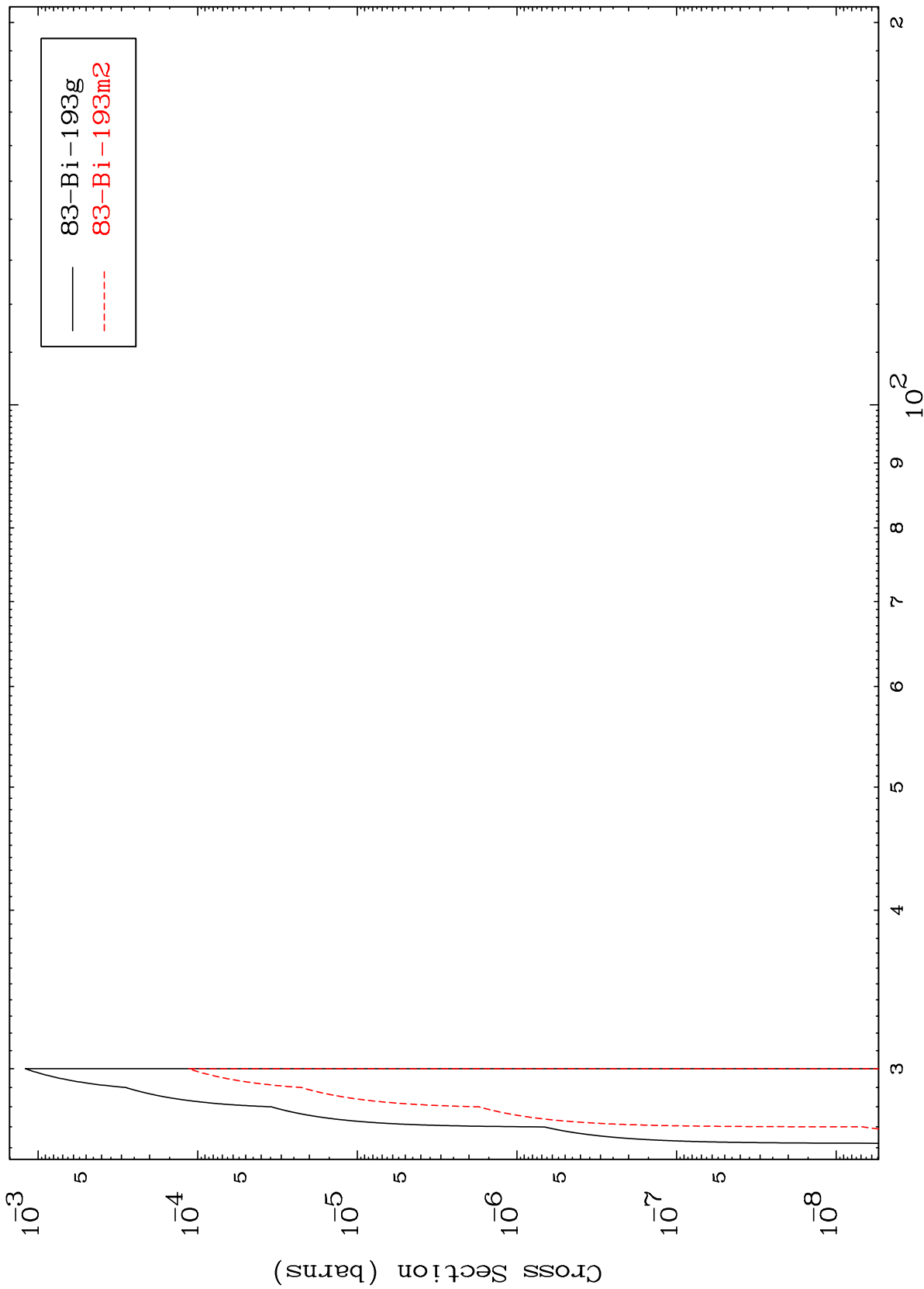
Incident Energy (MeV)

83-Bi-196m

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⁸³Bi-196m

(n,4n)
Radionuclide Production Cross Section



32

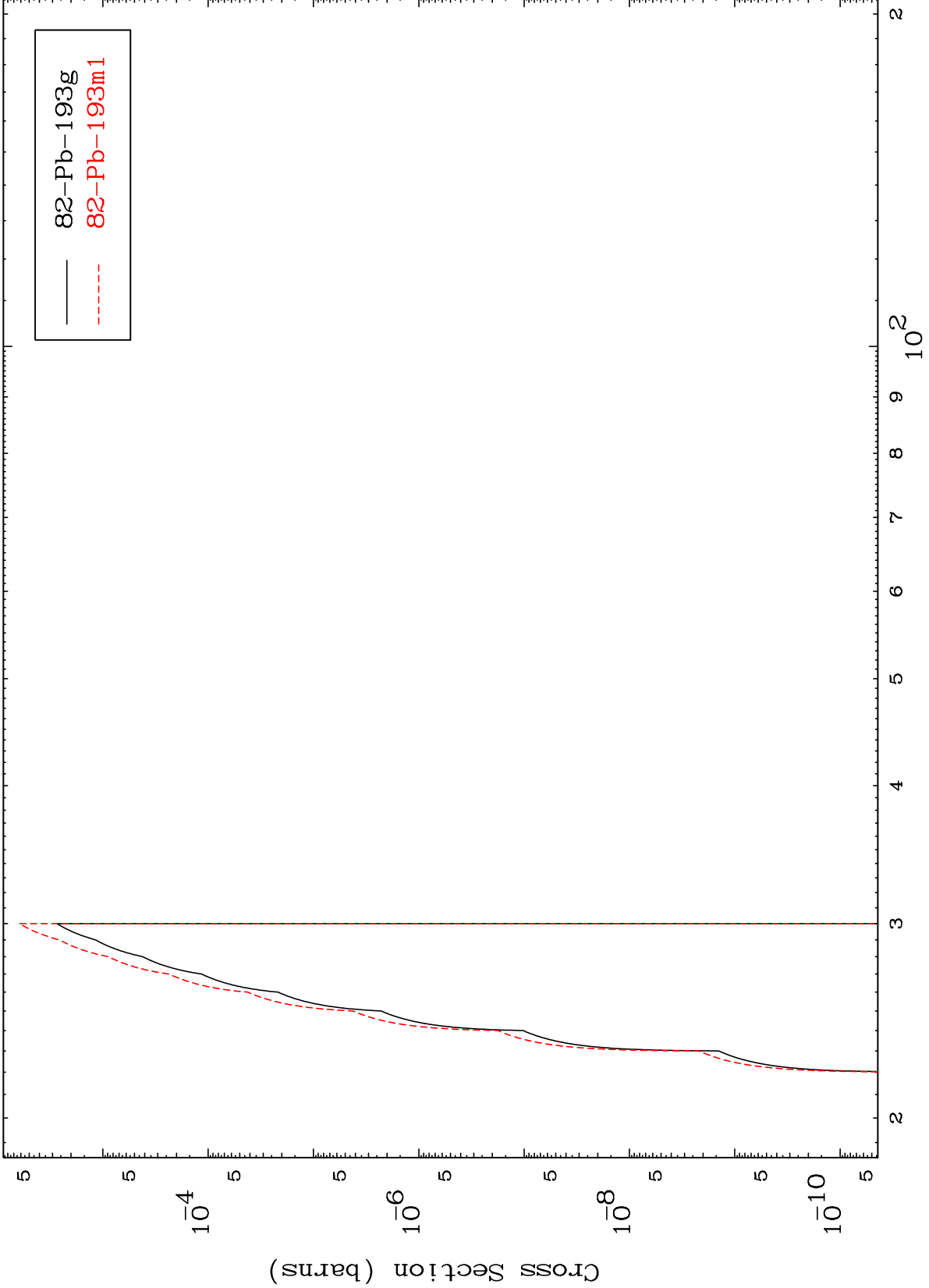
⁸³Bi-196m

MAT 8287

(n,3n) p

83-Bi-196m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

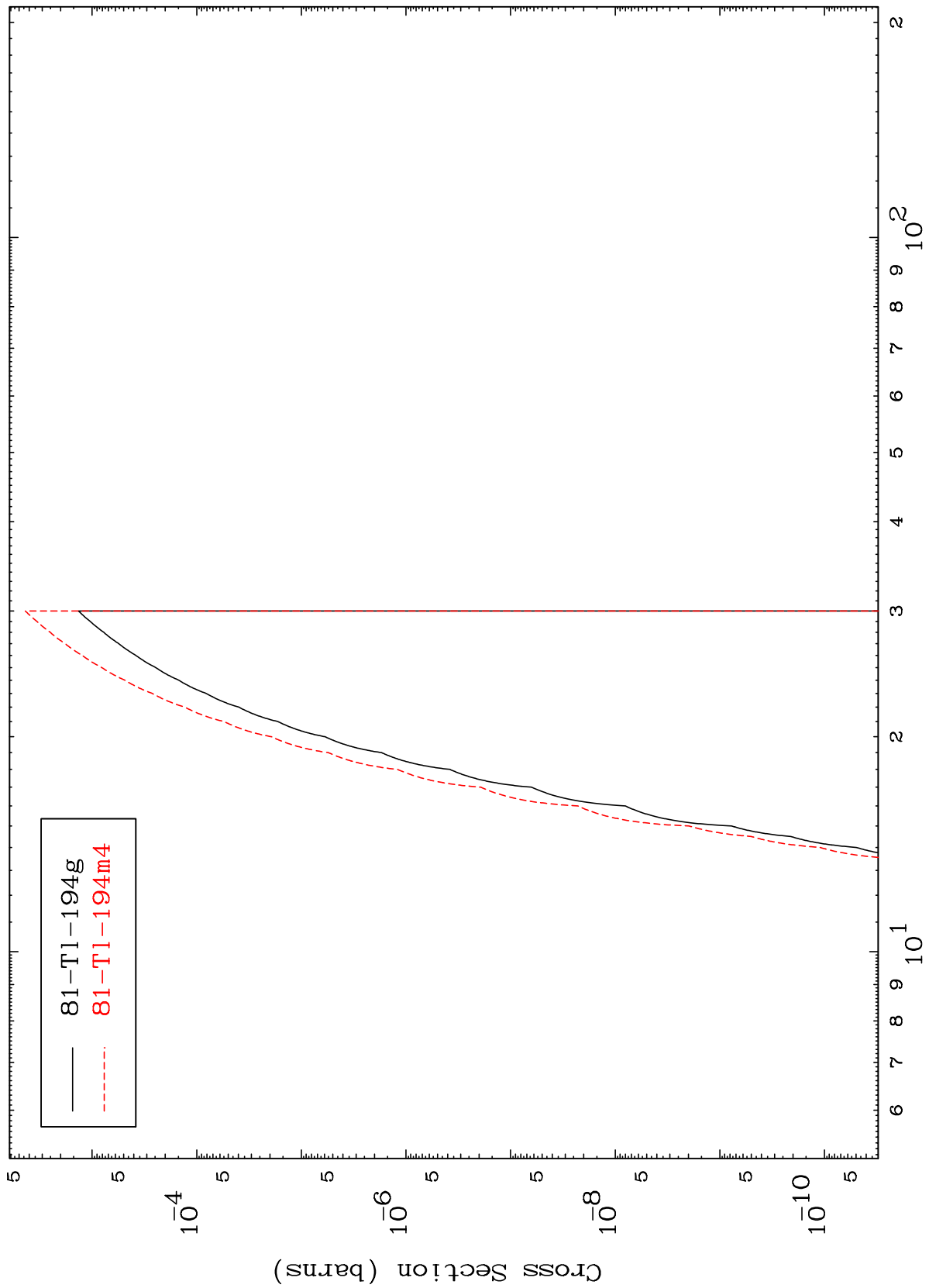
83-Bi-196m

MAT 8287

(n,2n) p

83-Bi-196m

Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

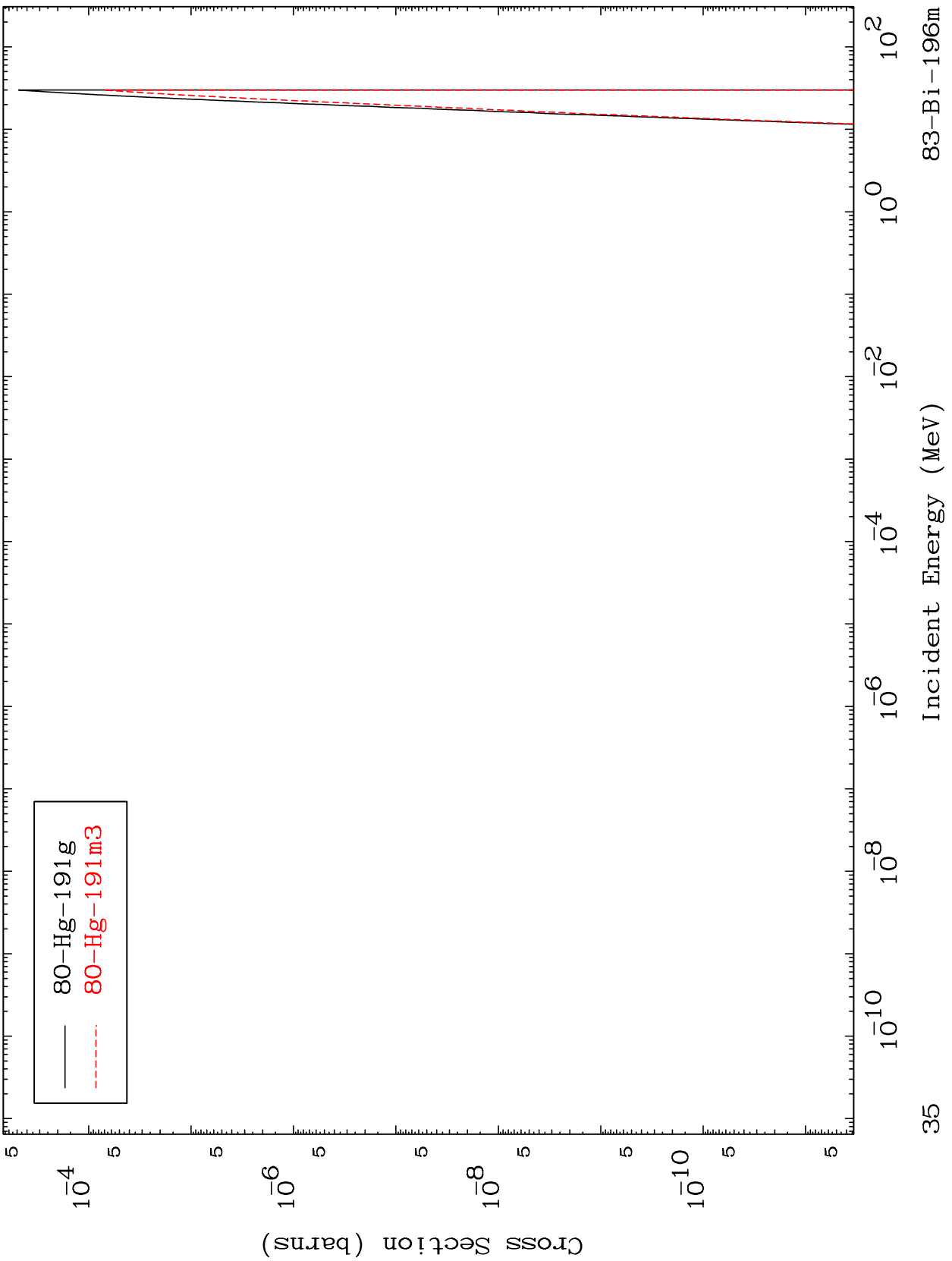
83-Bi-196m

MAT 8287

(n,n') p α

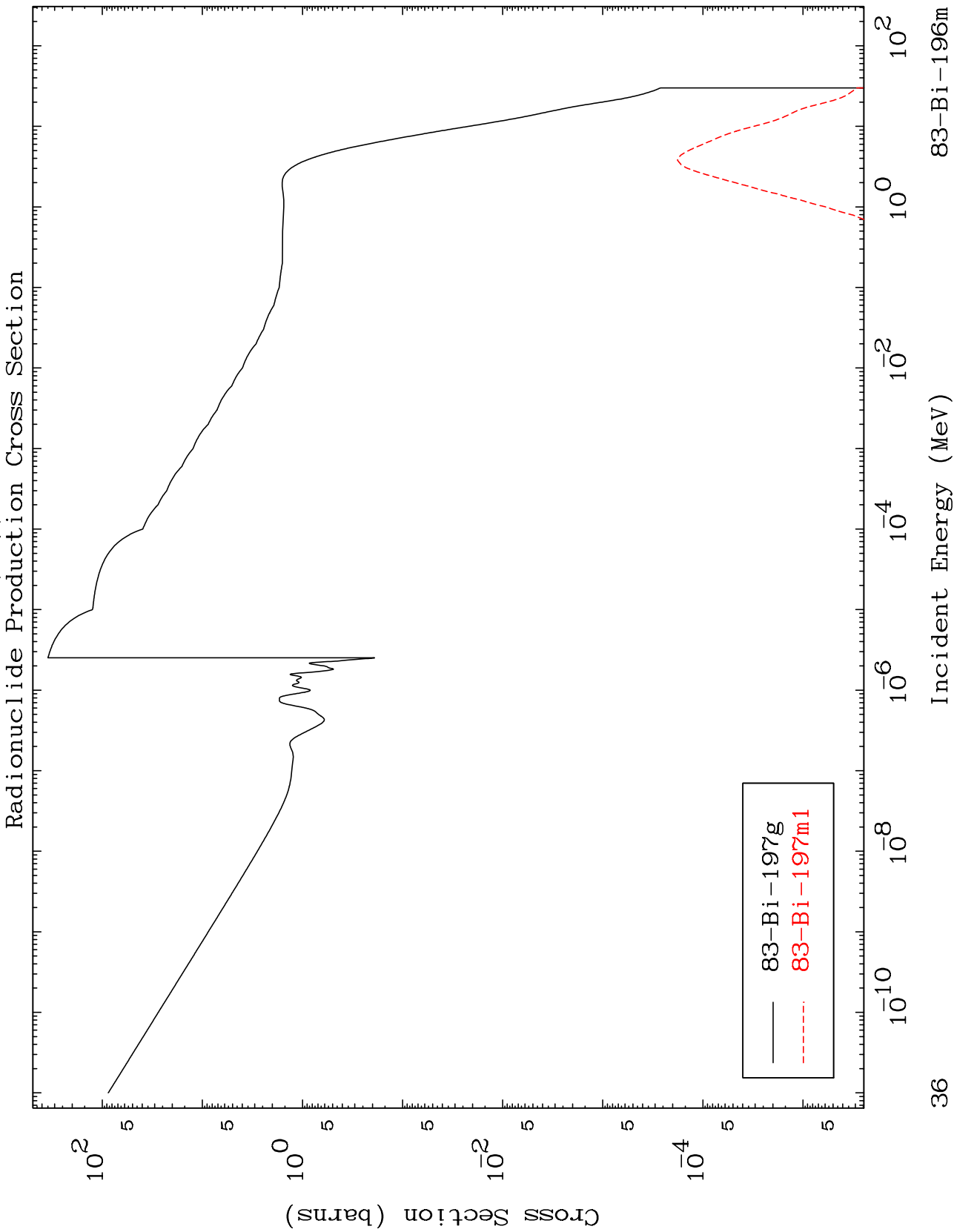
83-Bi-196m

Radionuclide Production Cross Section



MAT 8287

$^{83}\text{Bi}-196\text{m}$

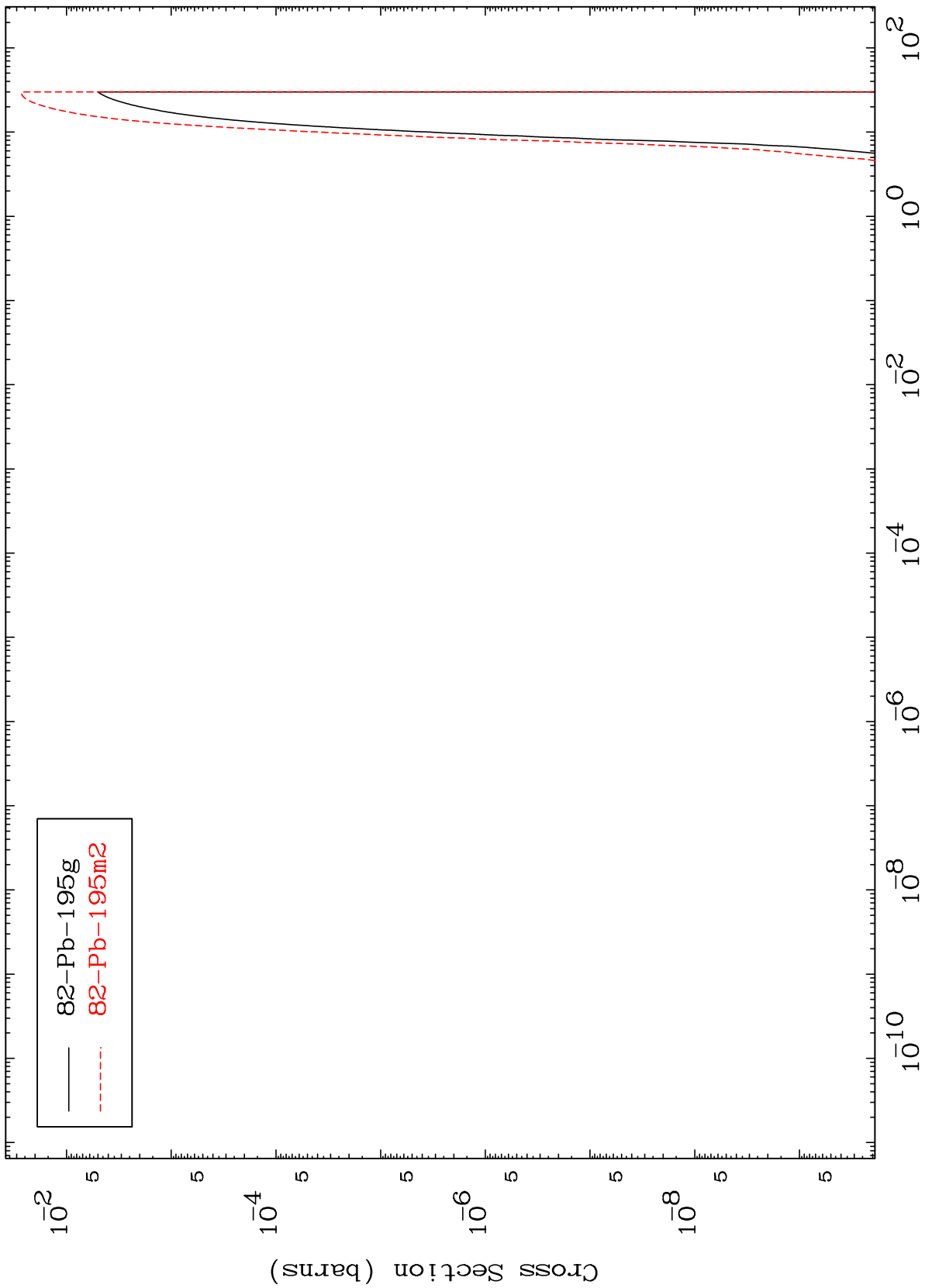


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(n,d)

83-Bi-196m

Radionuclide Production Cross Section

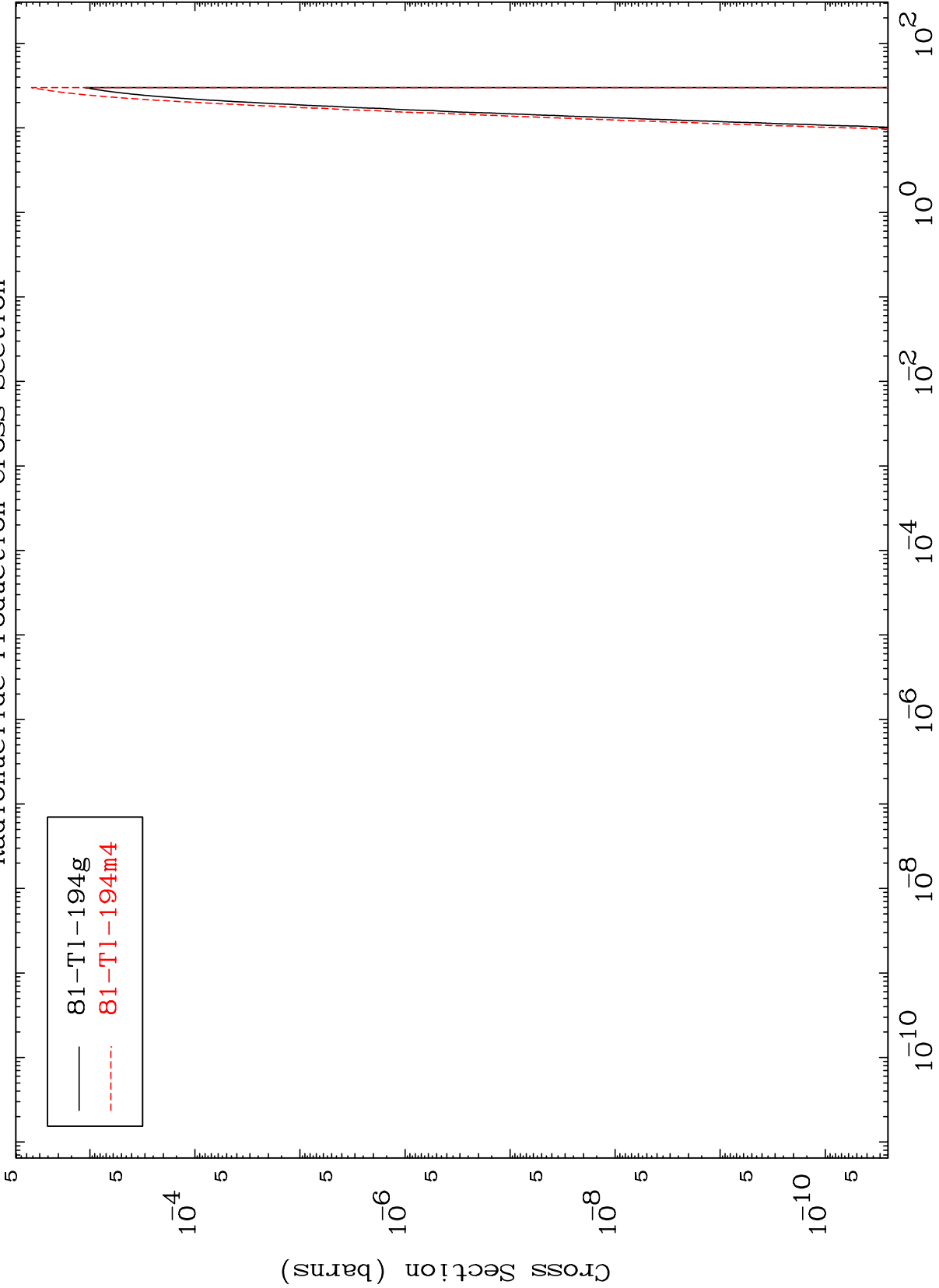


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(n,He-3)

83-Bi-196m

Radionuclide Production Cross Section

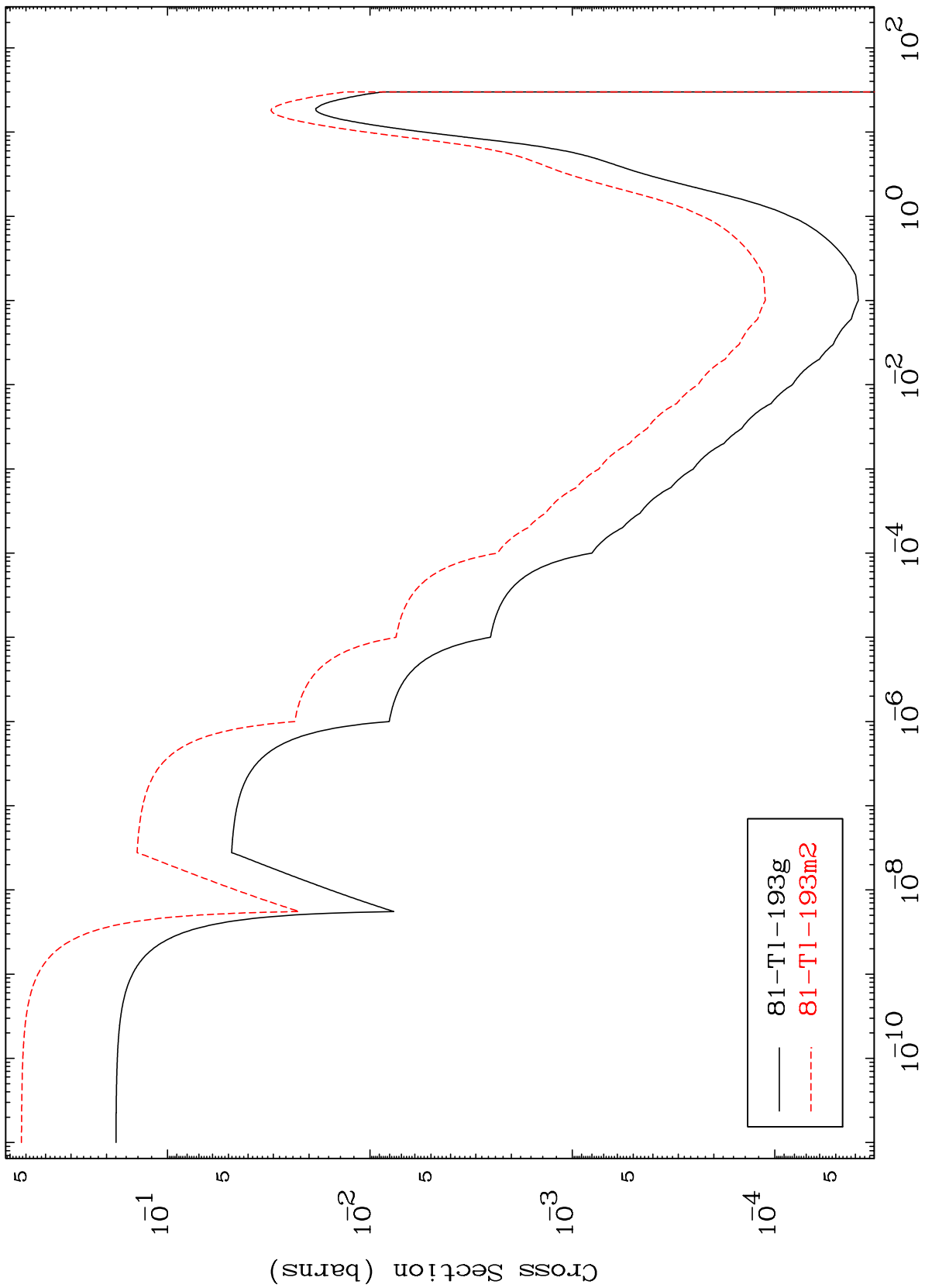


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83-Bi-196m

Radionuclide Production Cross Section

(n, α)



39

83-Bi-196m

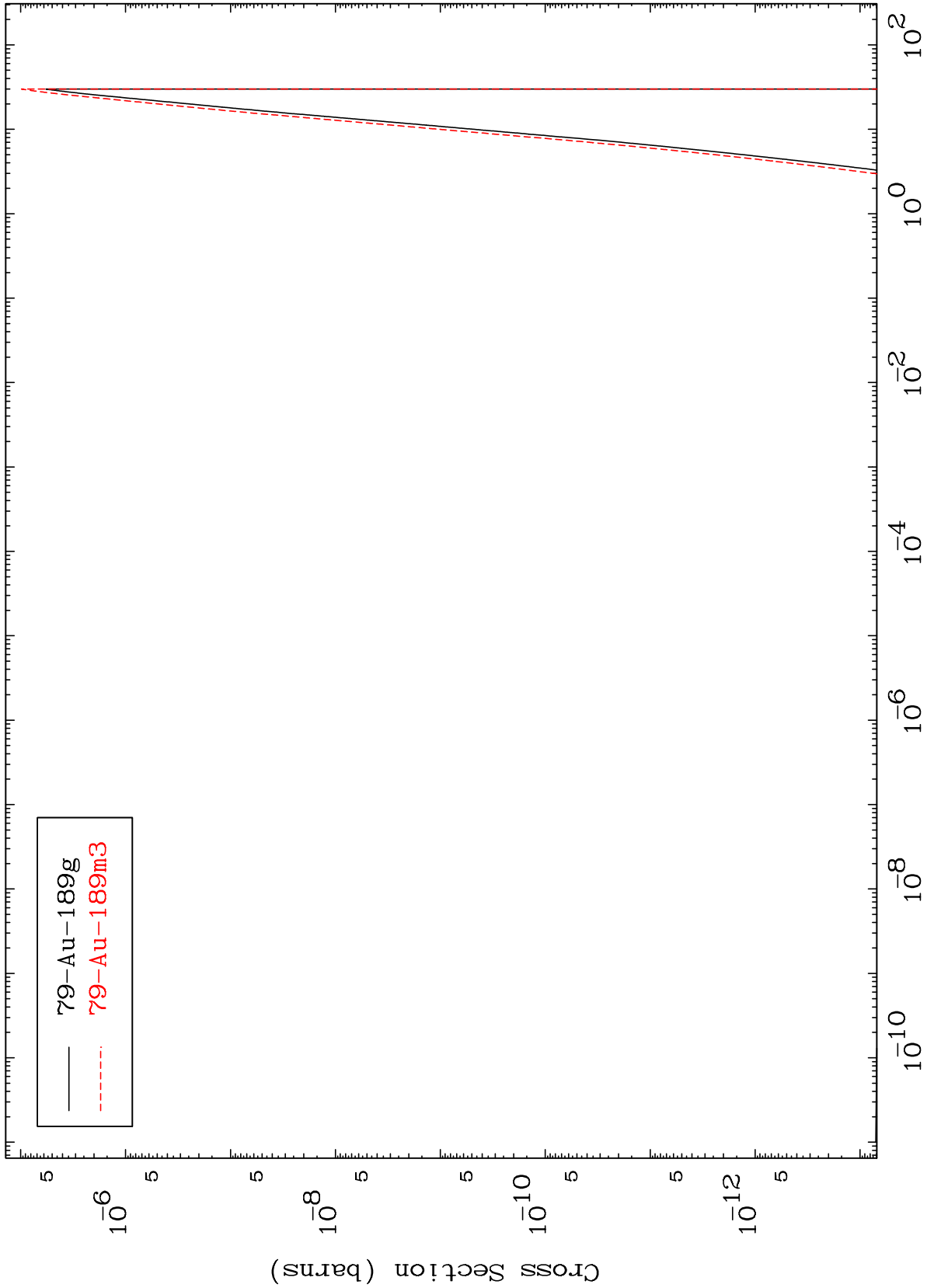
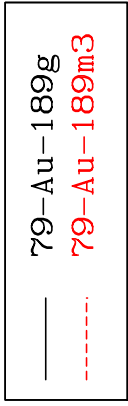
Incident Energy (MeV)

MAT 8287

(n,2α)

83-Bi-196m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

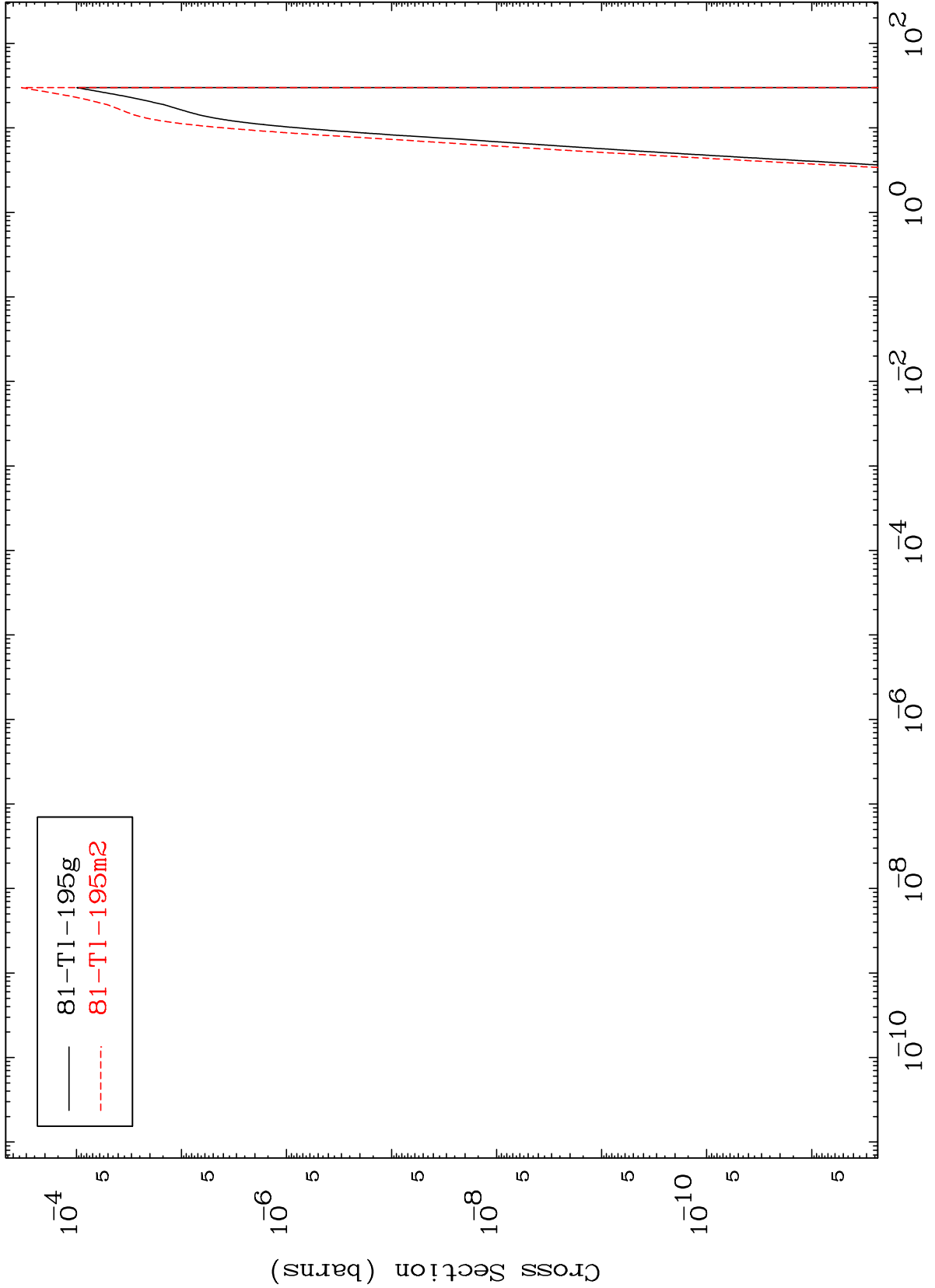
83-Bi-196m

MAT 8287

(n,2p)

83-Bi-196m

Radionuclide Production Cross Section

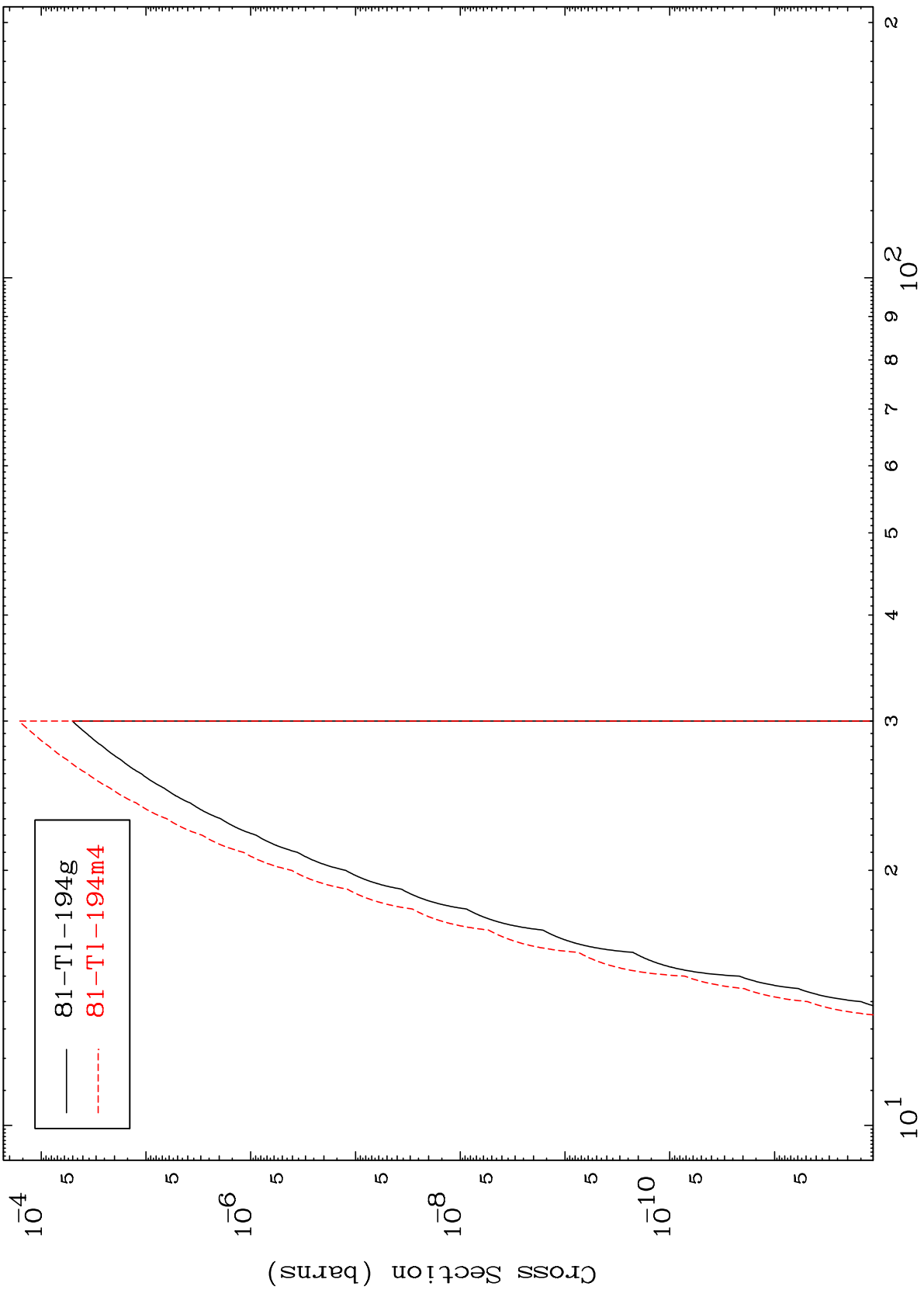


MAT 8287

(n,p) d

83-Bi-196m

Radionuclide Production Cross Section



42

Incident Energy (MeV)

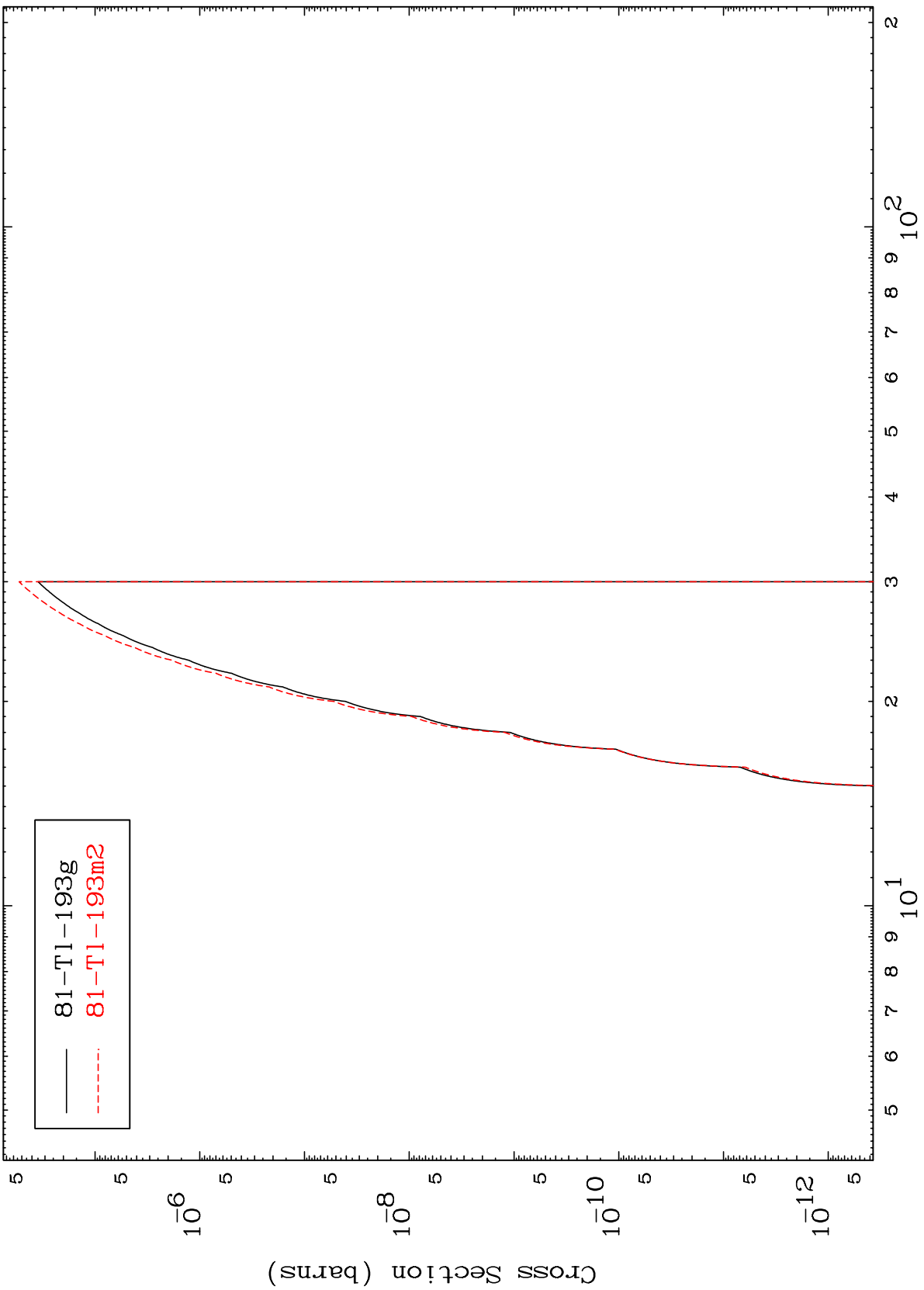
83-Bi-196m

MAT 8287

(n,p) t

83-Bi-196m

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

43

Incident Energy (MeV)

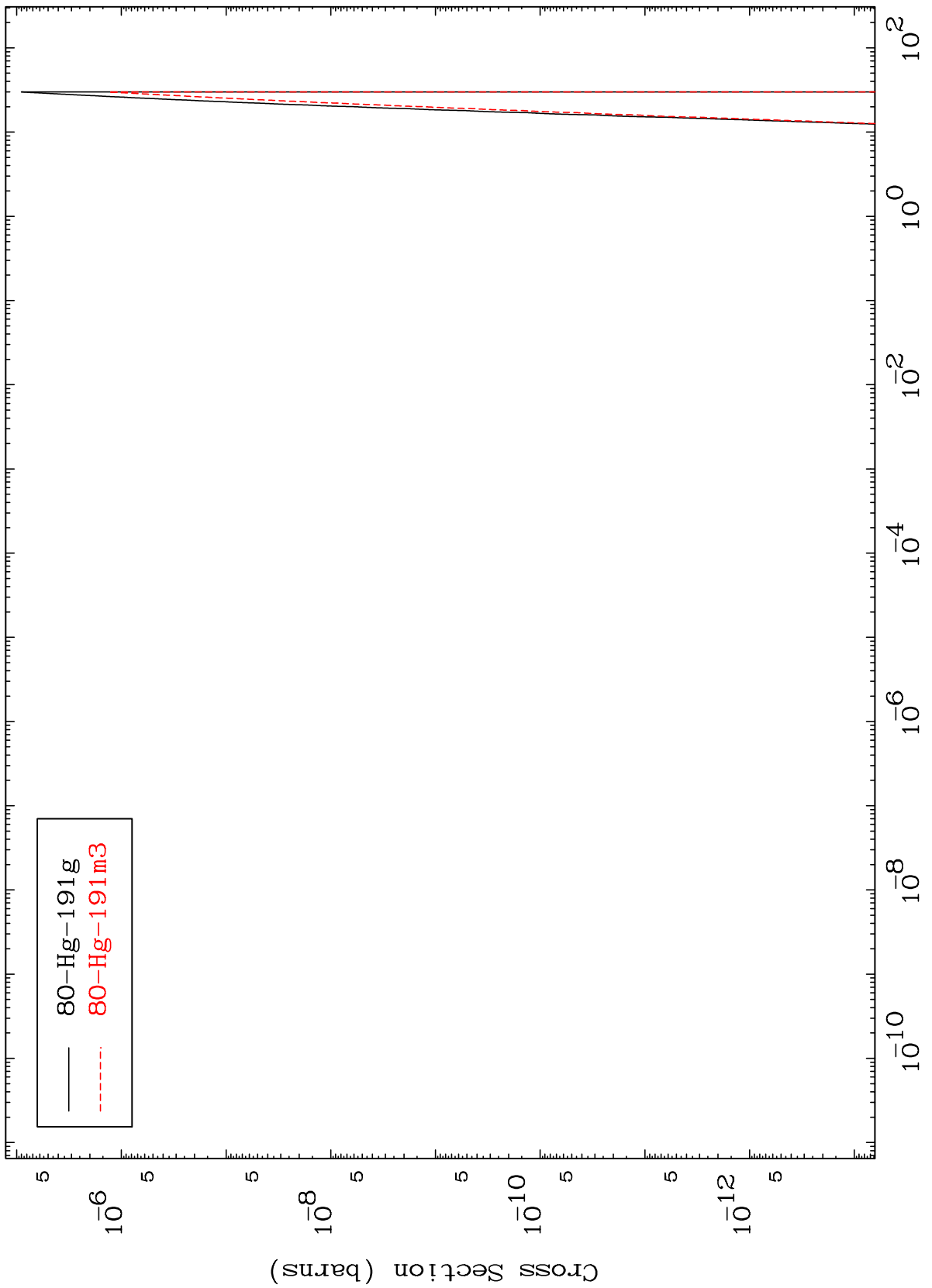
83-Bi-196m

MAT 8287

(n,d) α

83-Bi-196m

Radionuclide Production Cross Section



44

Incident Energy (MeV)

83-Bi-196m