

Program EVALPLOT
(Version 2021-1)

by

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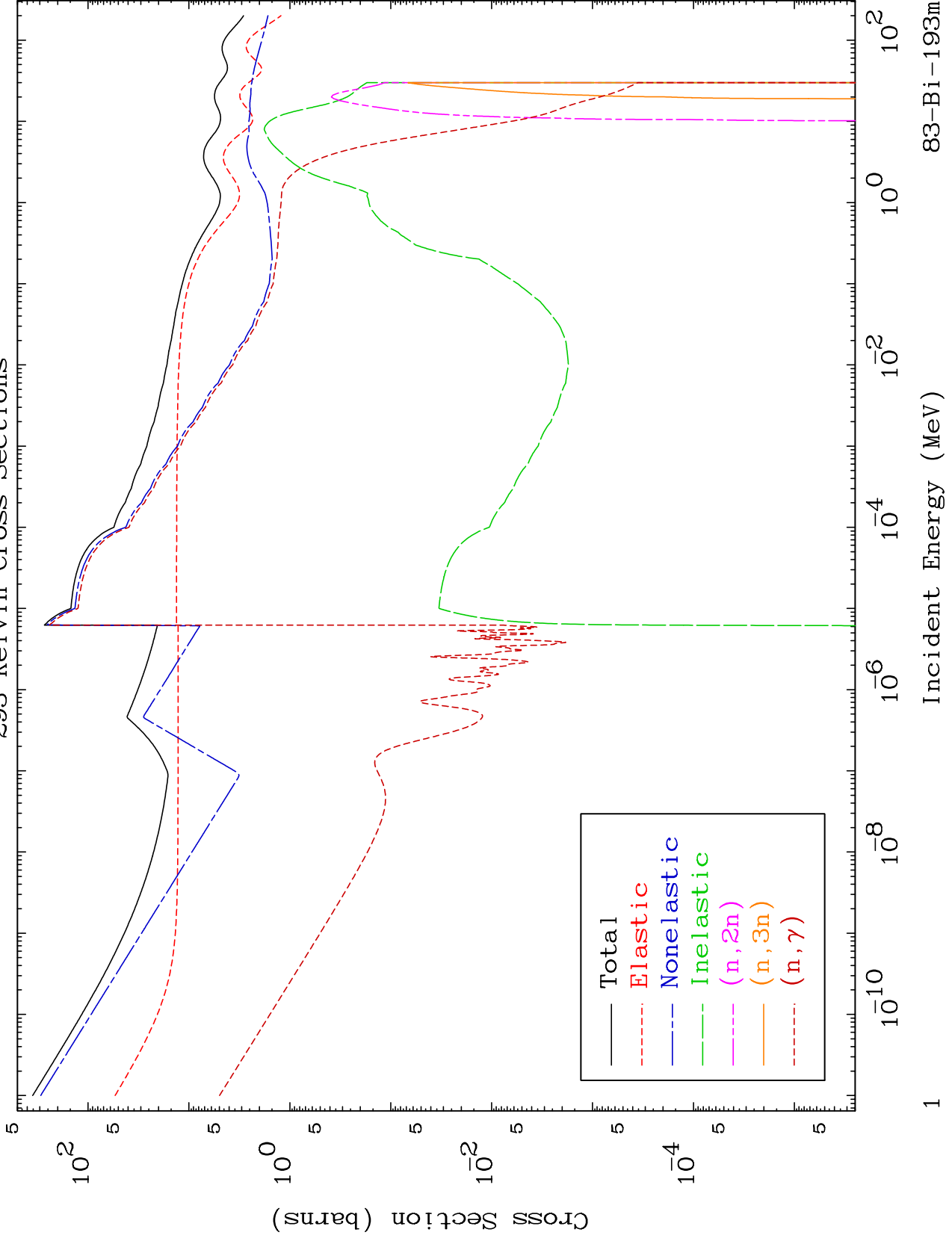
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Press Mouse Button to Start

MAT 8278

Neutron Major
293 Kelvin Cross Sections

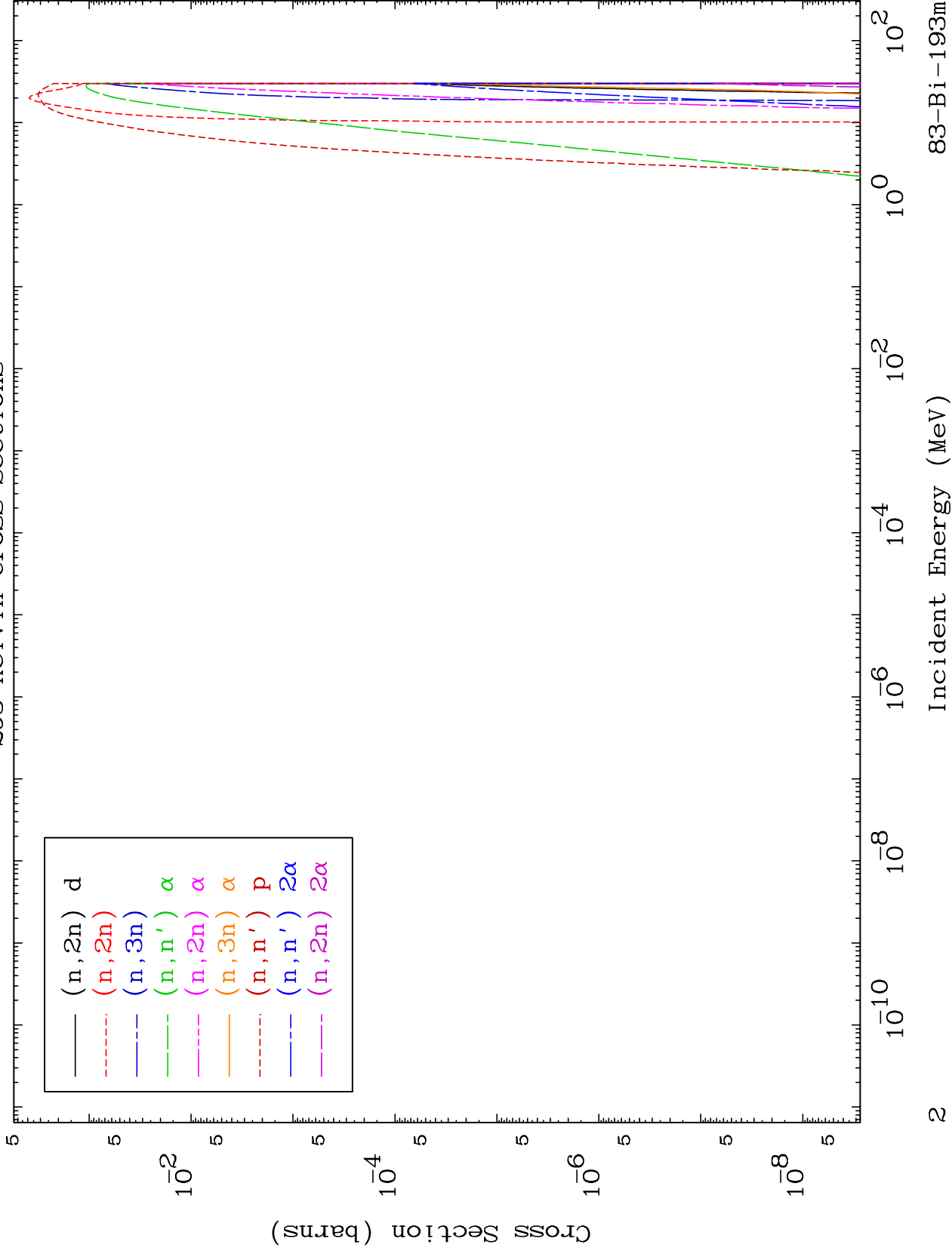
83-Bi-193m



MAT 8278

Neutron Absorption
293 Kelvin Cross Sections

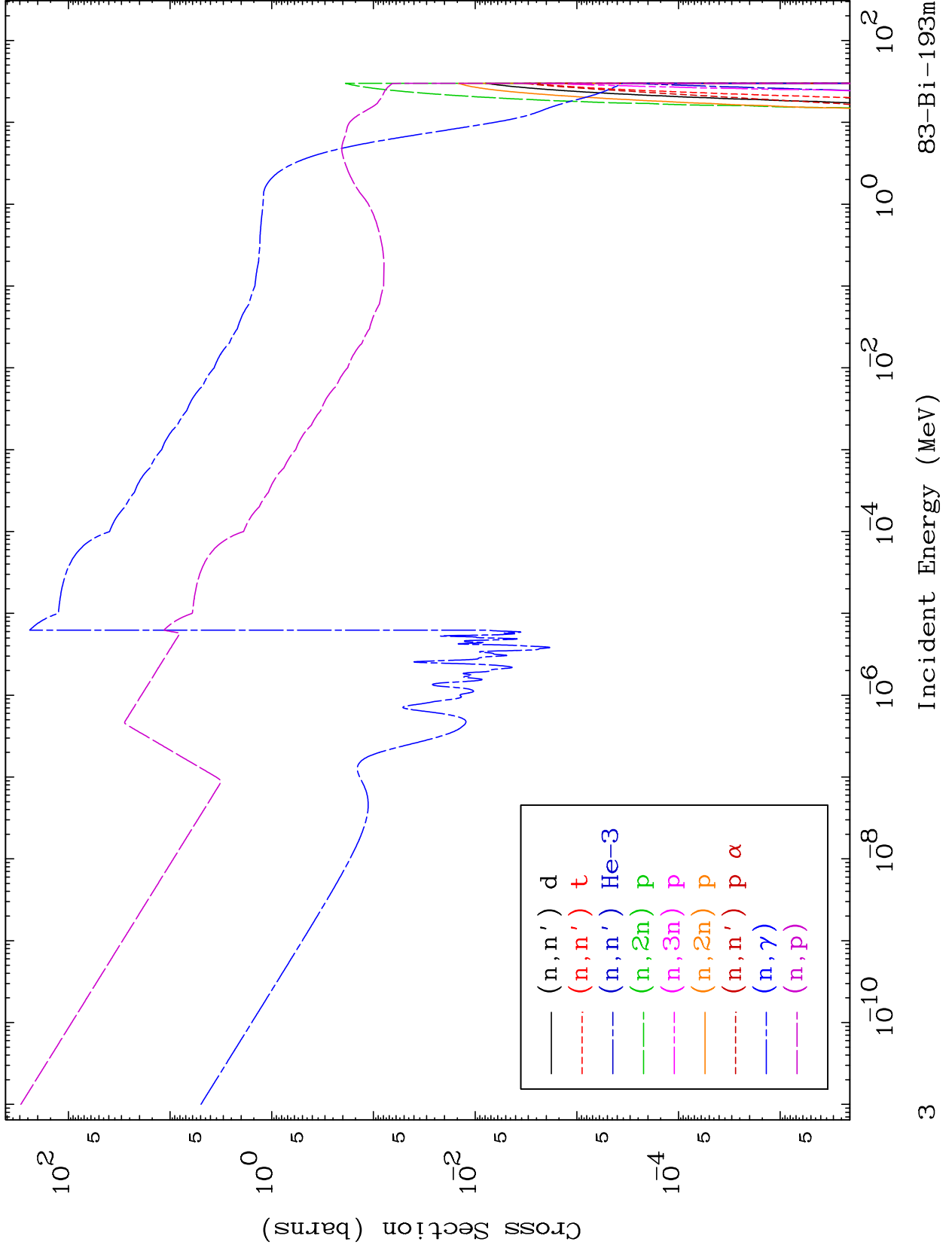
83-Bi-193m



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Neutron Absorption
293 Kelvin Cross Sections

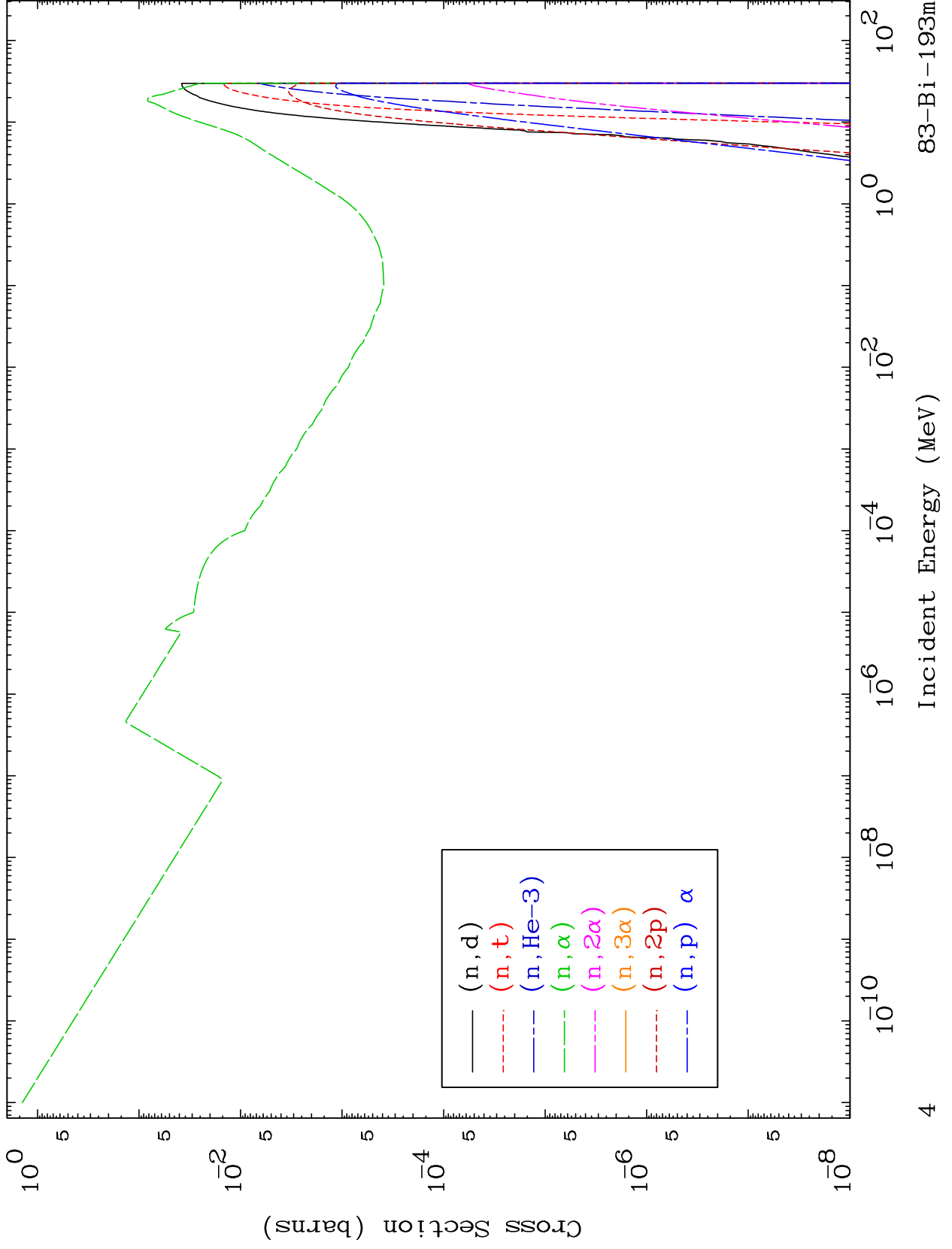
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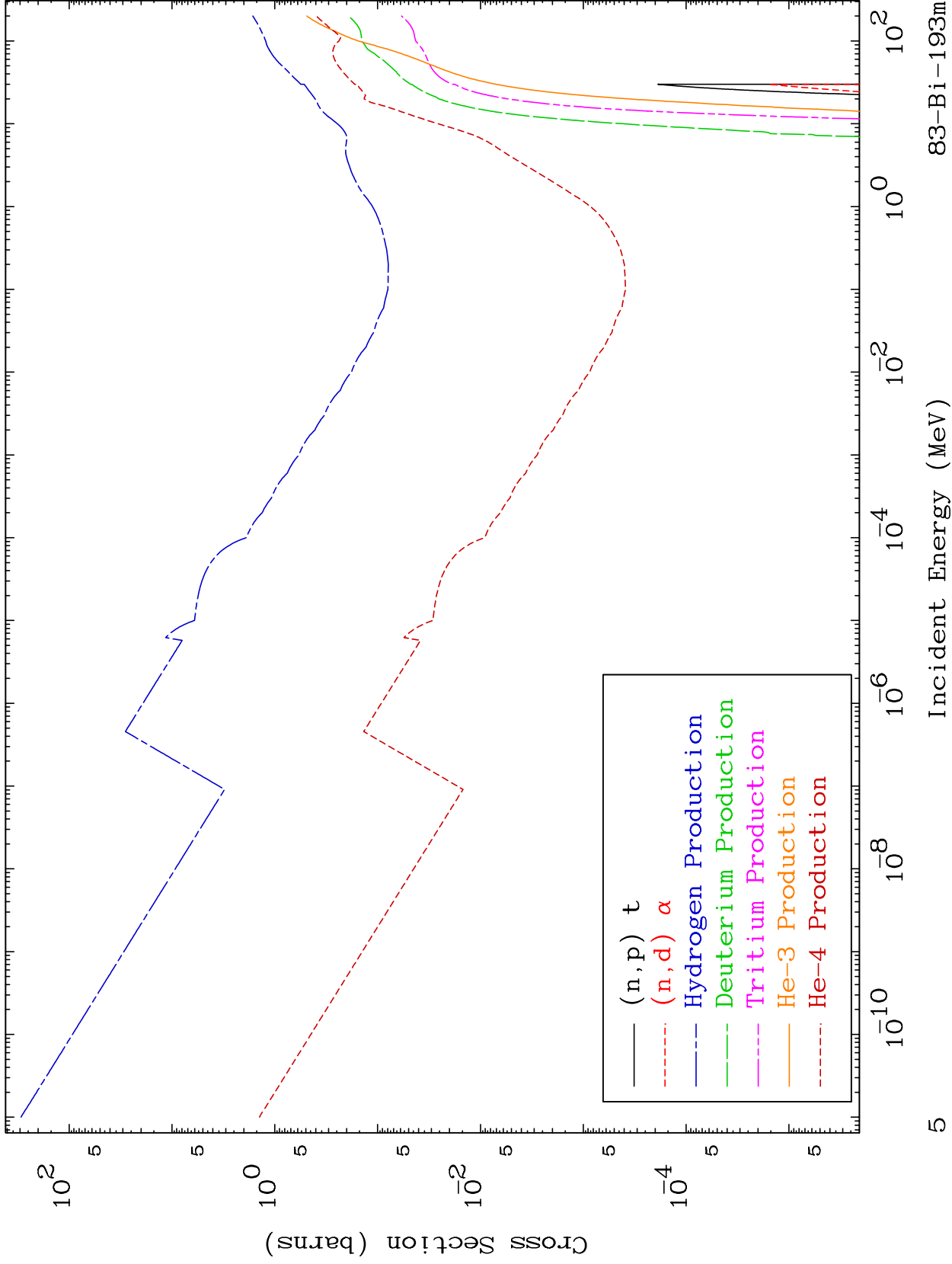


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Neutron Absorption
293 Kelvin Cross Sections

83-Bi-193m

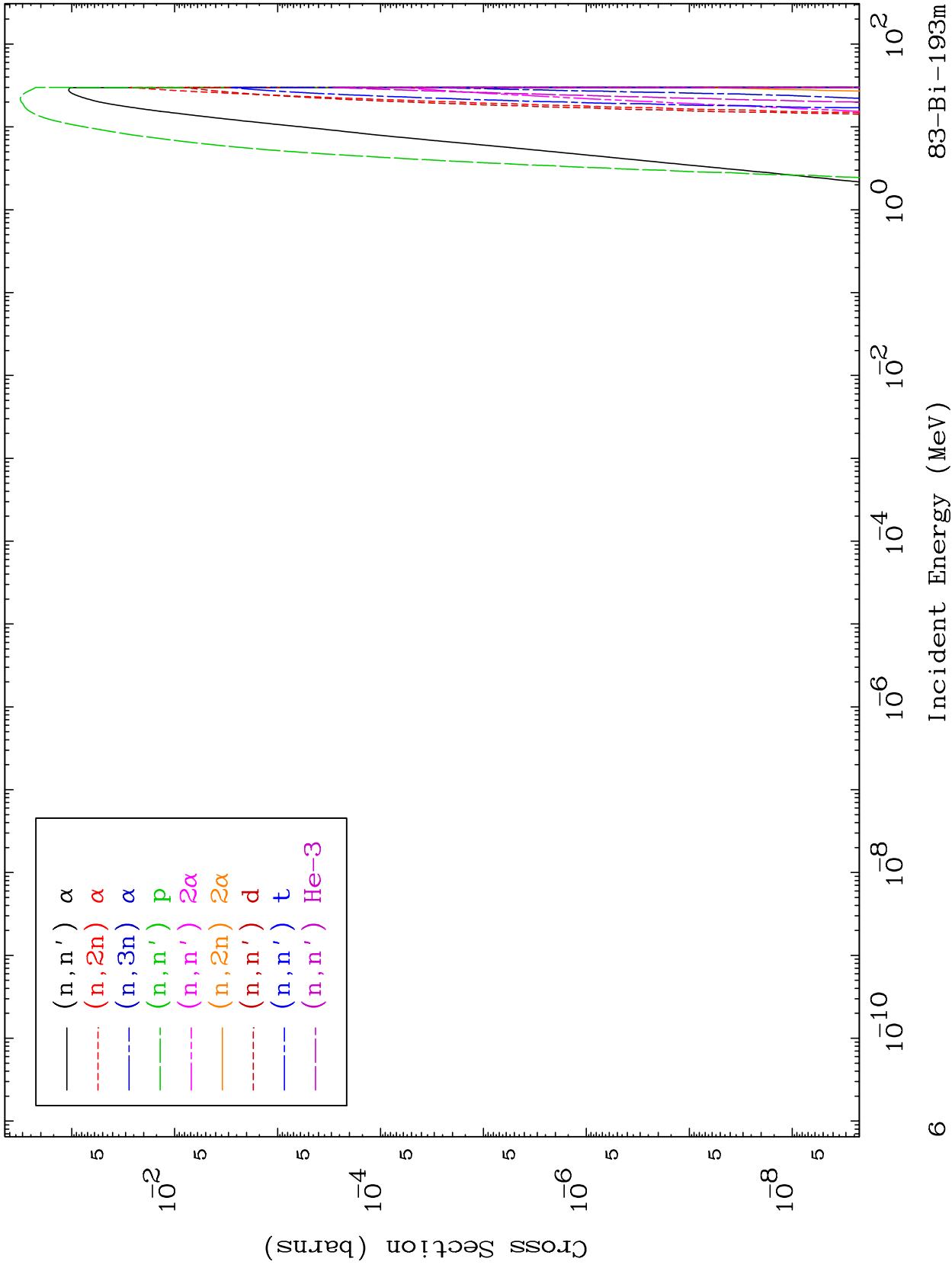




MAT 8278

Charged Particle
293 Kelvin Cross Sections

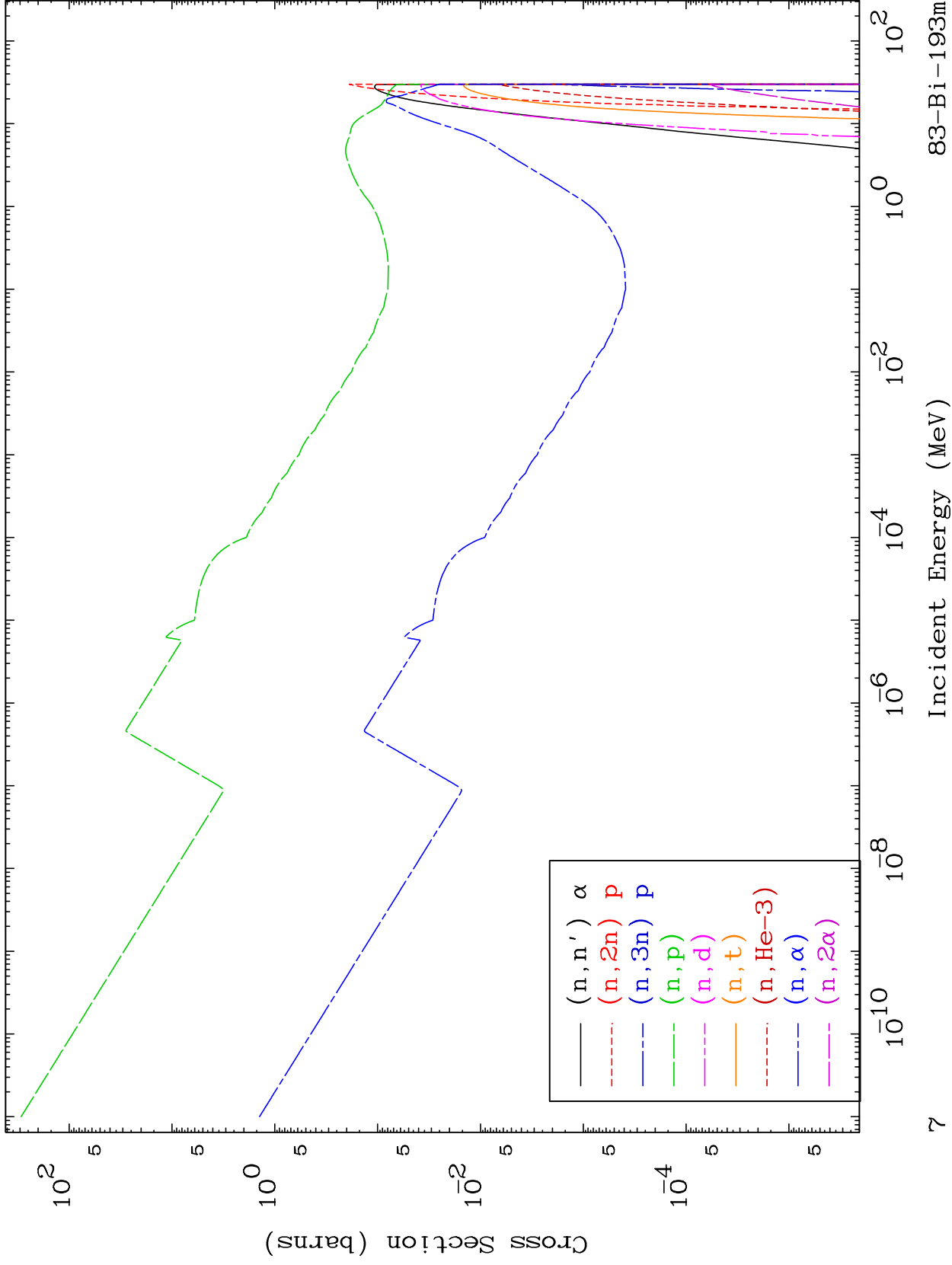
83-Bi-193m



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Charged Particle
293 Kelvin Cross Sections

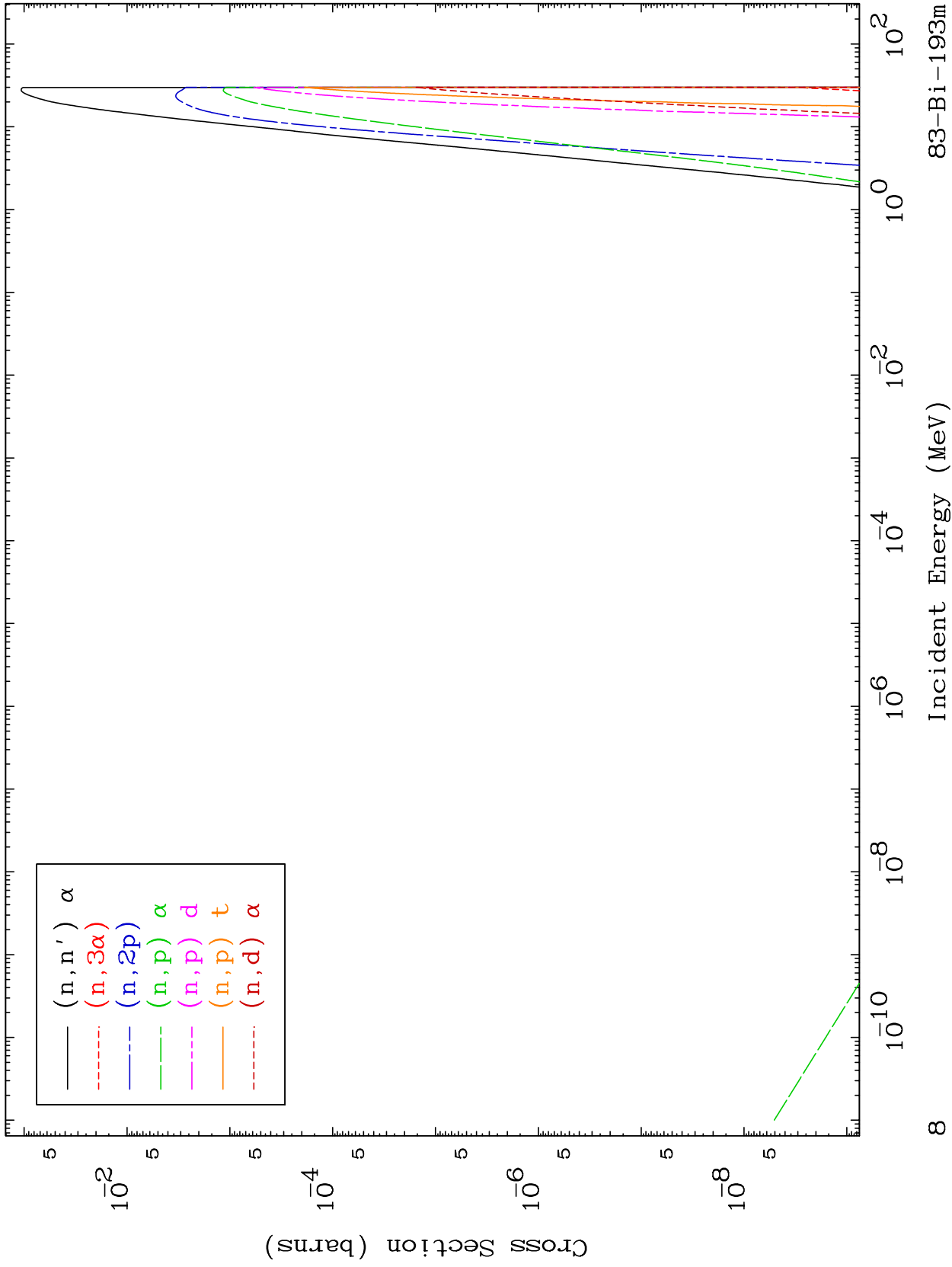
83-Bi-193m



MAT 8278

Charged Particle
293 Kelvin Cross Sections

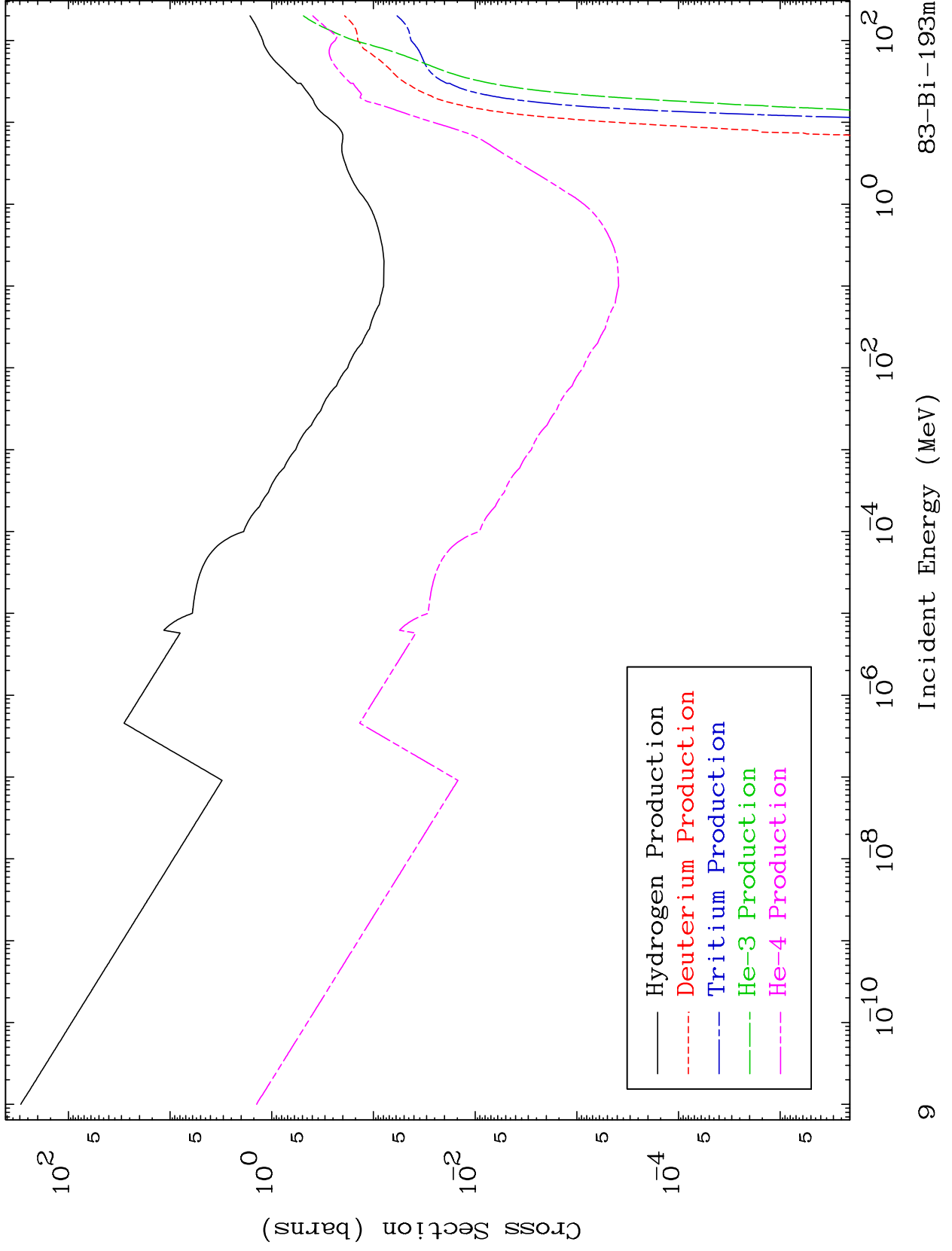
83-Bi-193m



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Particle Production
293 Kelvin Cross Sections

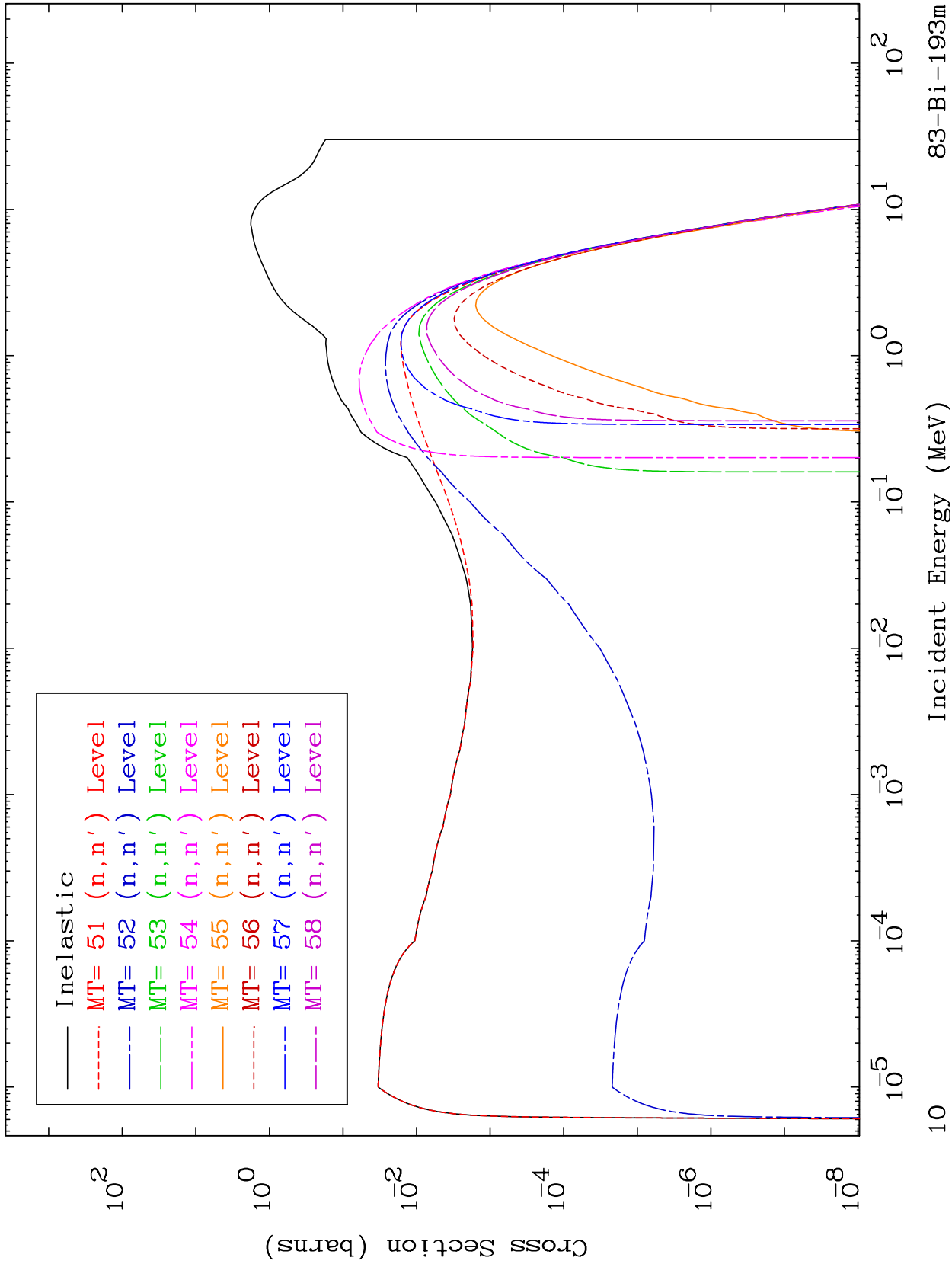
83-Bi-193m



MAT 8278

(n,n') Levels
293 Kelvin Cross Sections

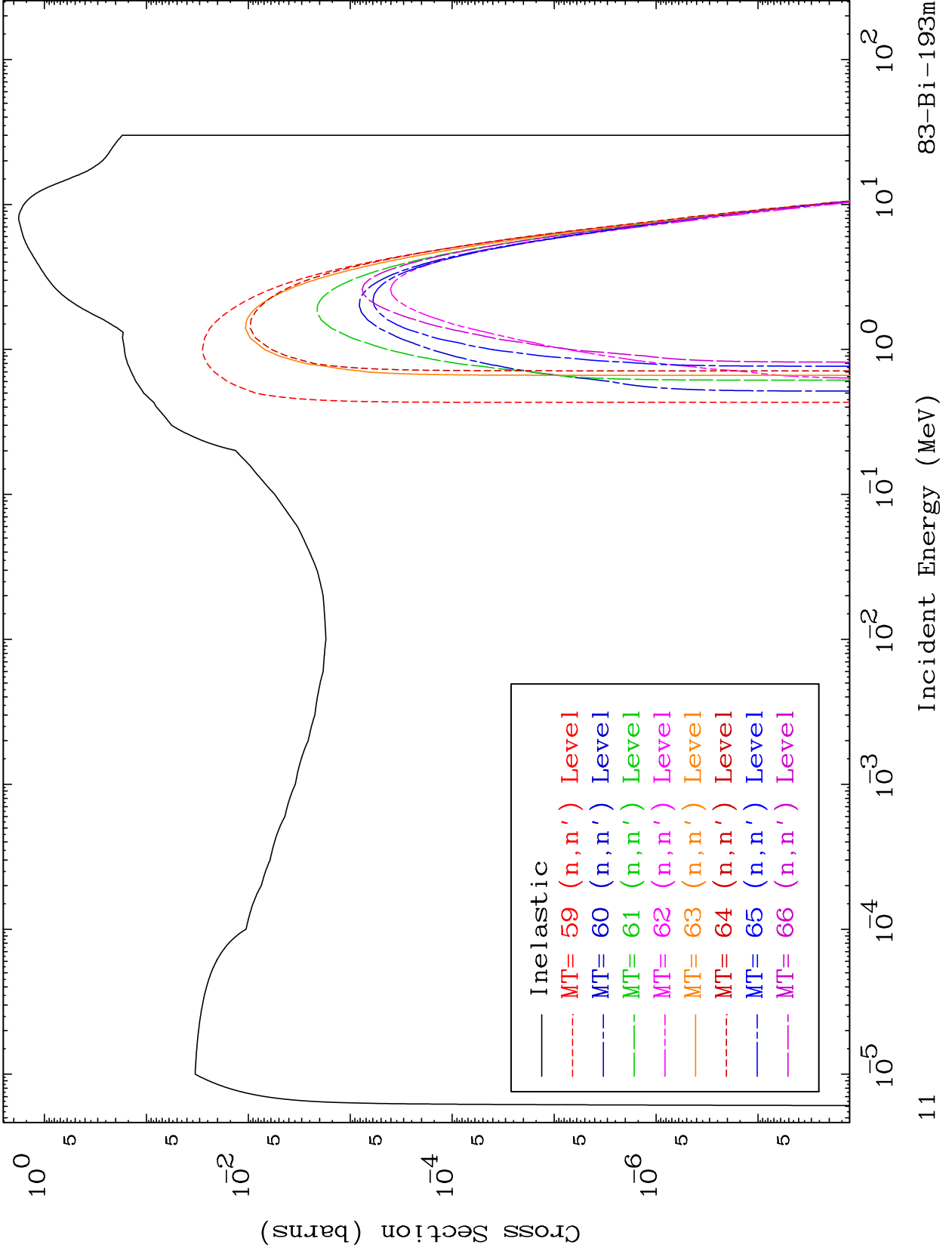
83-Bi-193m



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(n,n') Levels
293 Kelvin Cross Sections

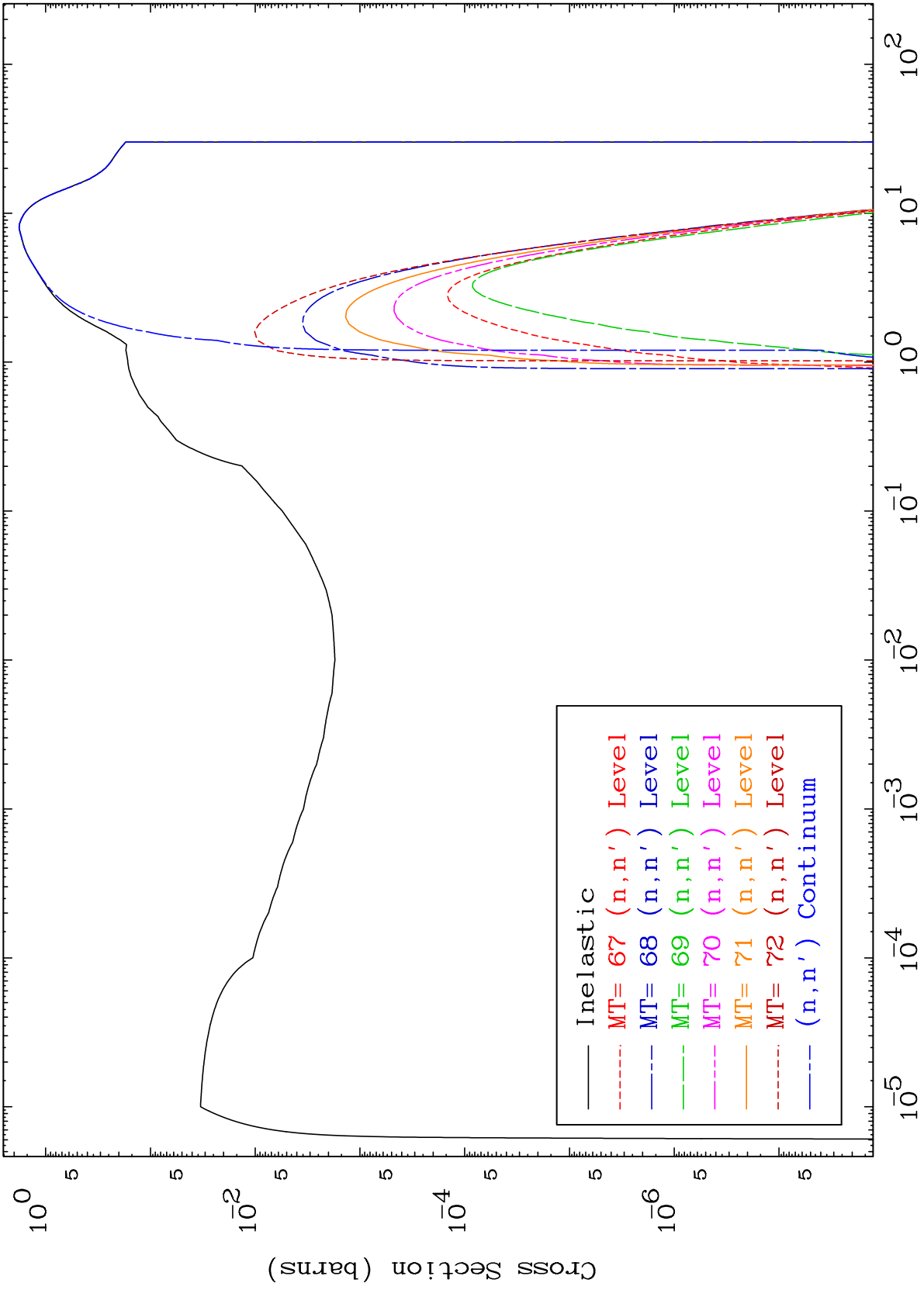
83-Bi-193m



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(n,n') Levels
293 Kelvin Cross Sections

83-Bi-193m



12

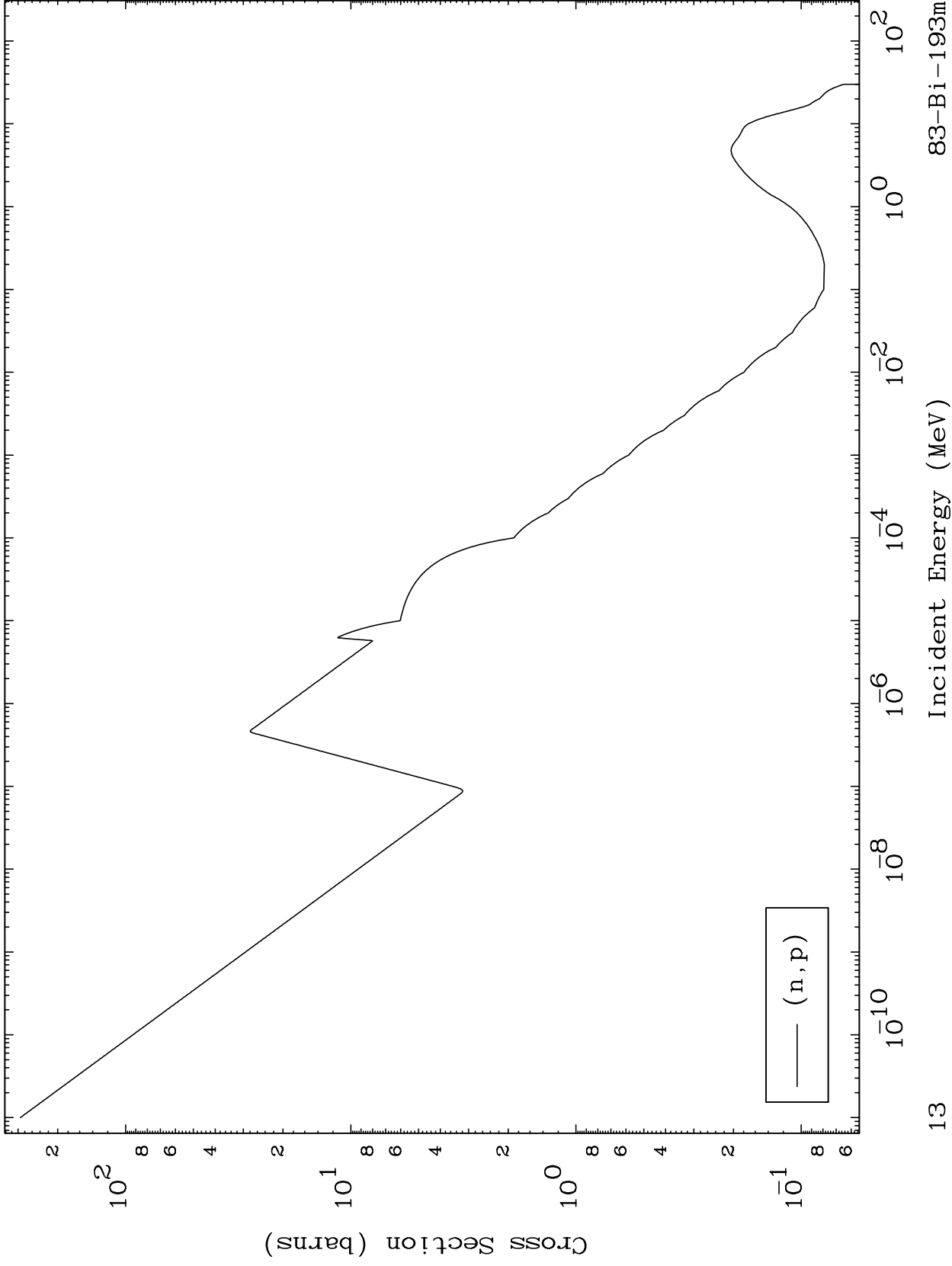
Incident Energy (MeV)

83-Bi-193m

MAT 8278

(n,p) Levels
293 Kelvin Cross Sections

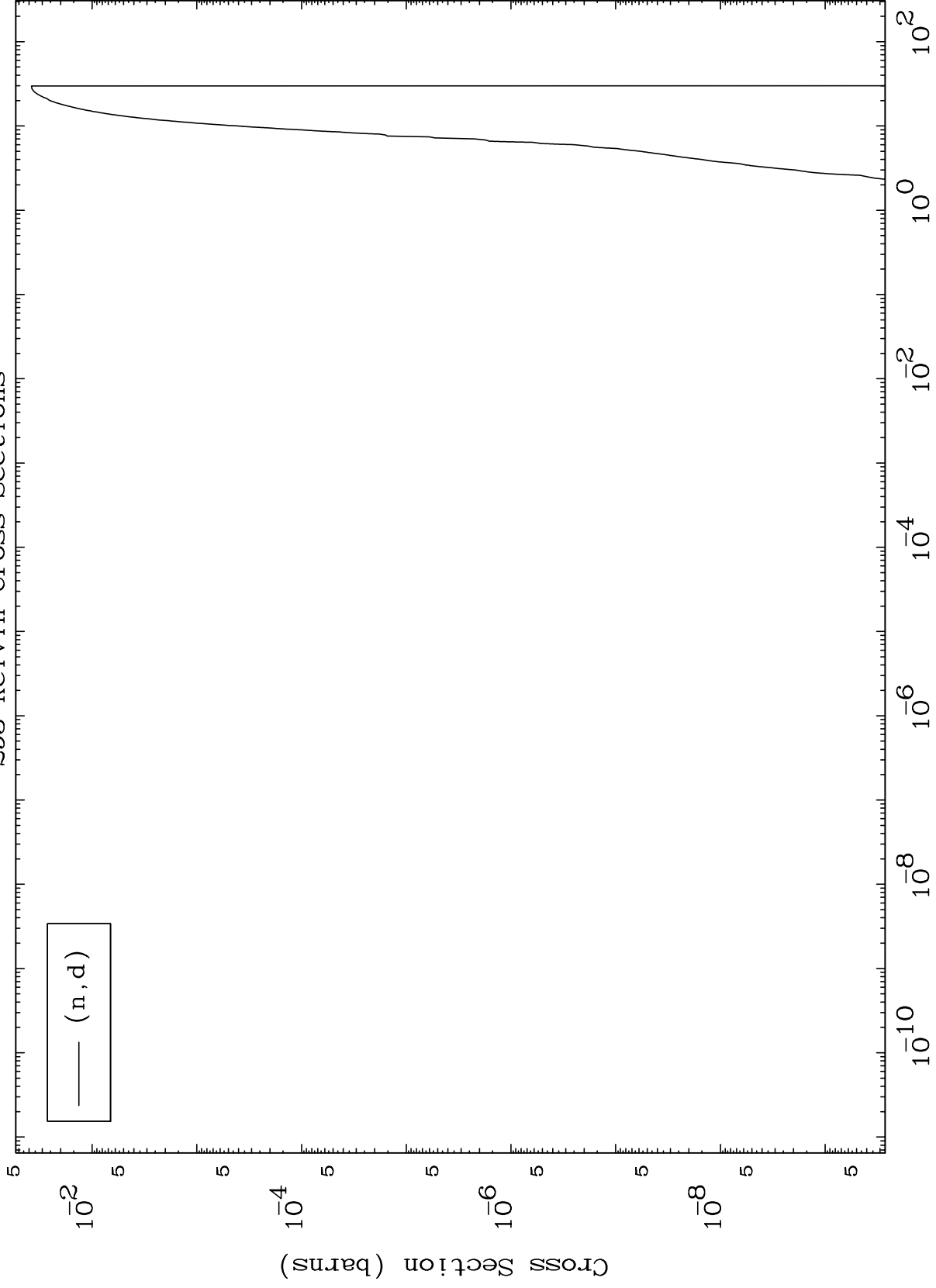
83-Bi-193m



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(n,d) Levels
293 Kelvin Cross Sections

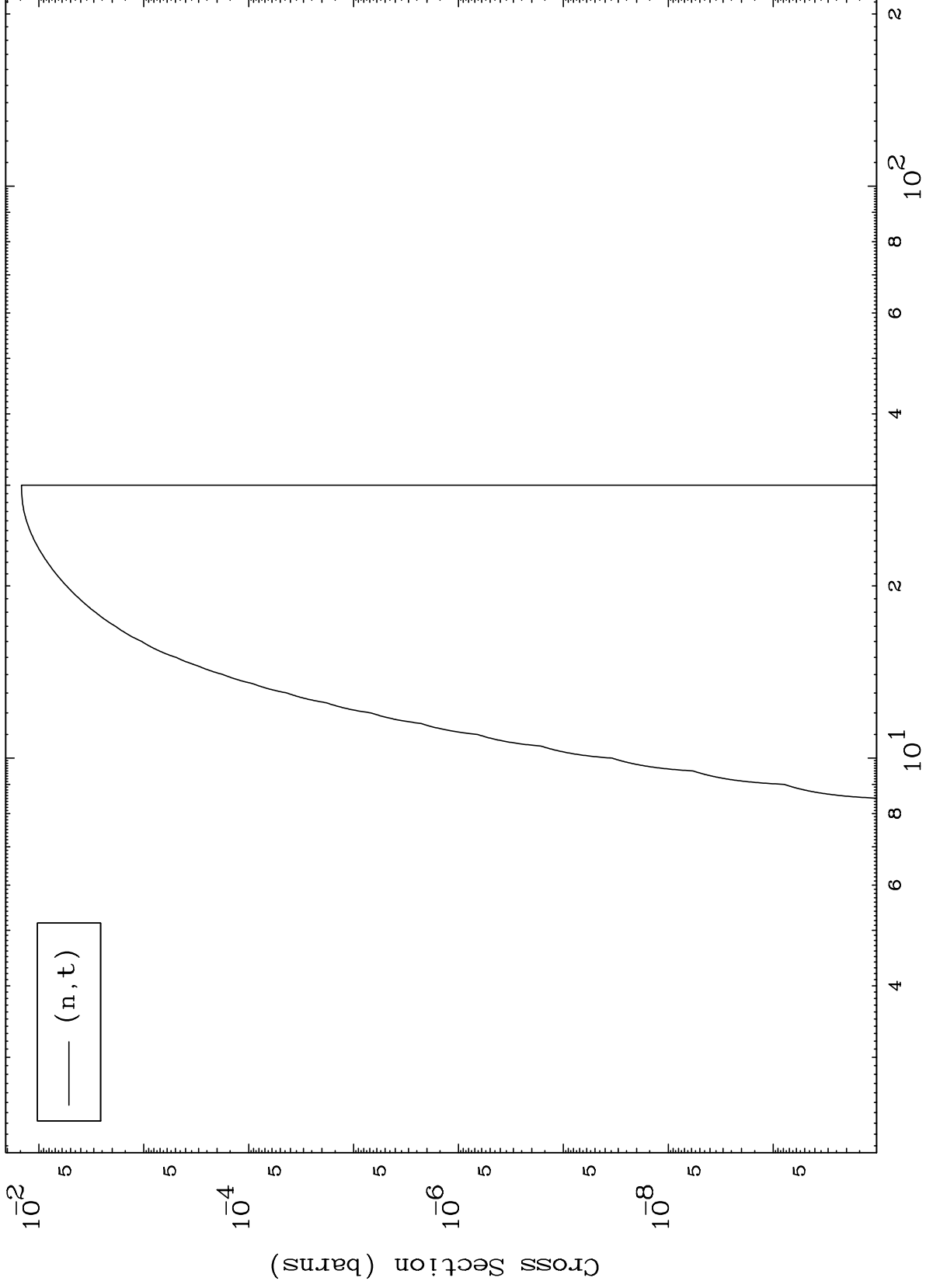
83-Bi-193m



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(n,t) Levels
293 Kelvin Cross Sections

83-Bi-193m



15

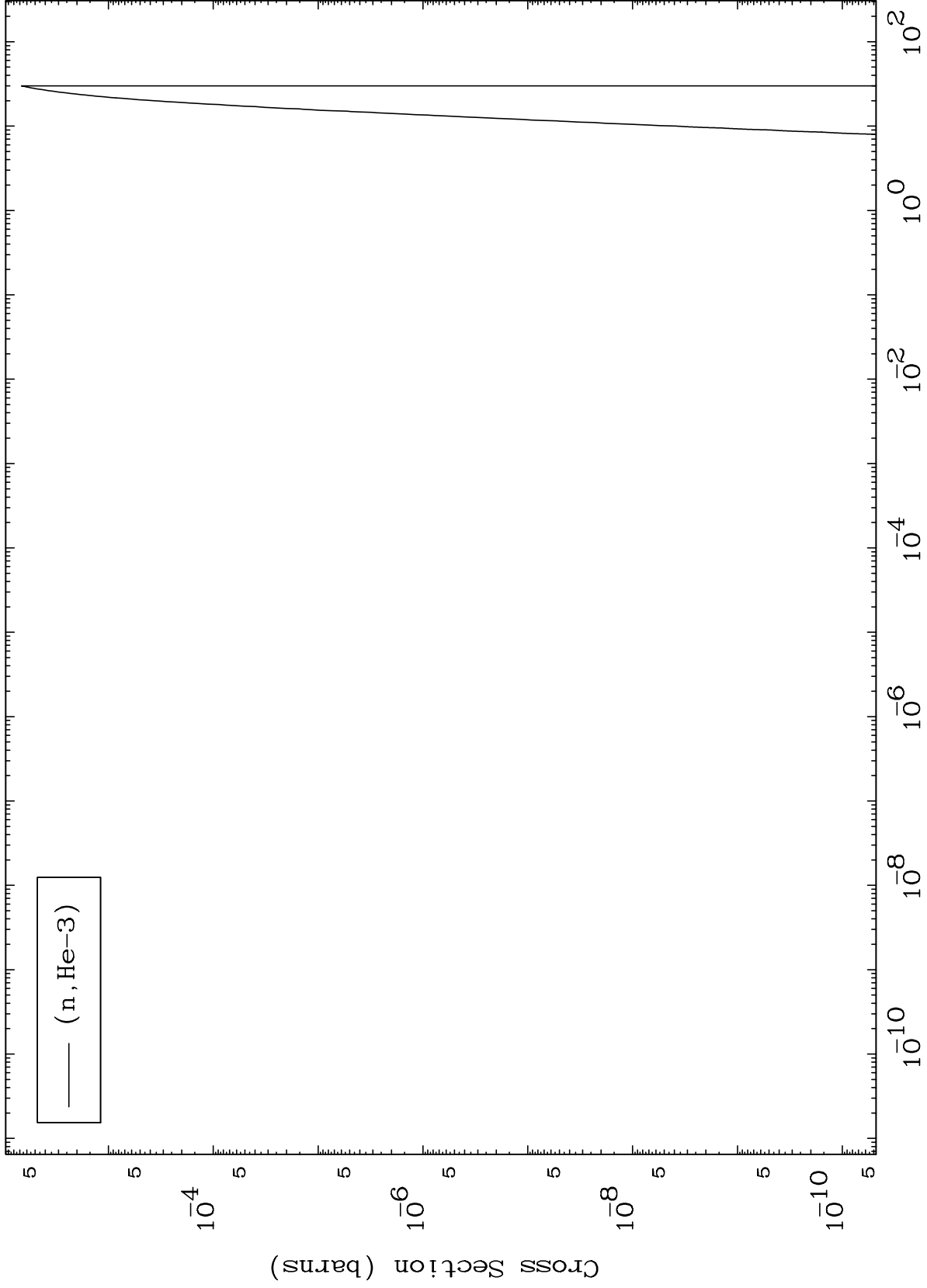
Incident Energy (MeV)

83-Bi-193m

MAT 8278

(n,He3) Levels
293 Kelvin Cross Sections

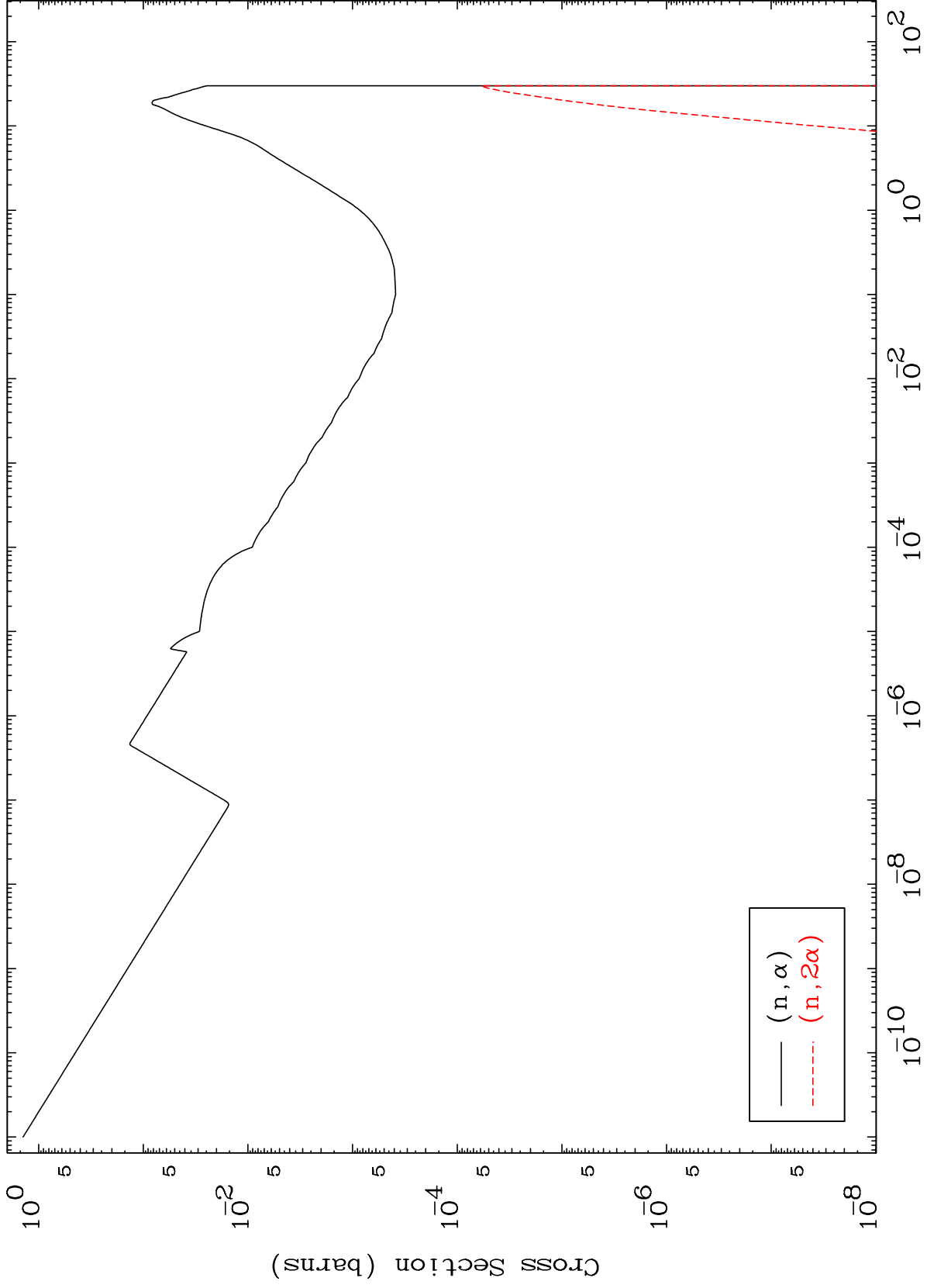
83-Bi-193m



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(n, α) Levels
293 Kelvin Cross Sections

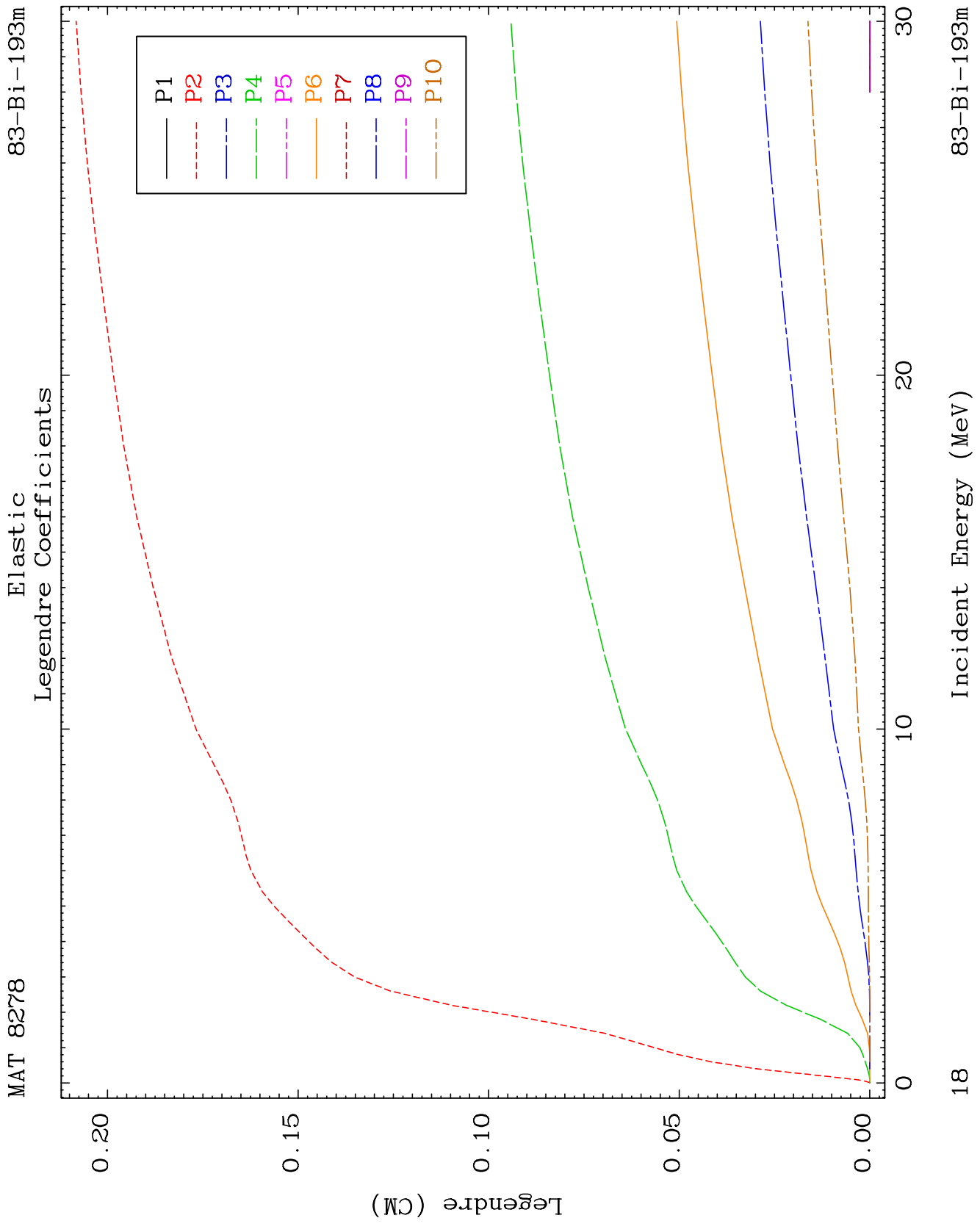
83-Bi-193m



17

Incident Energy (MeV)

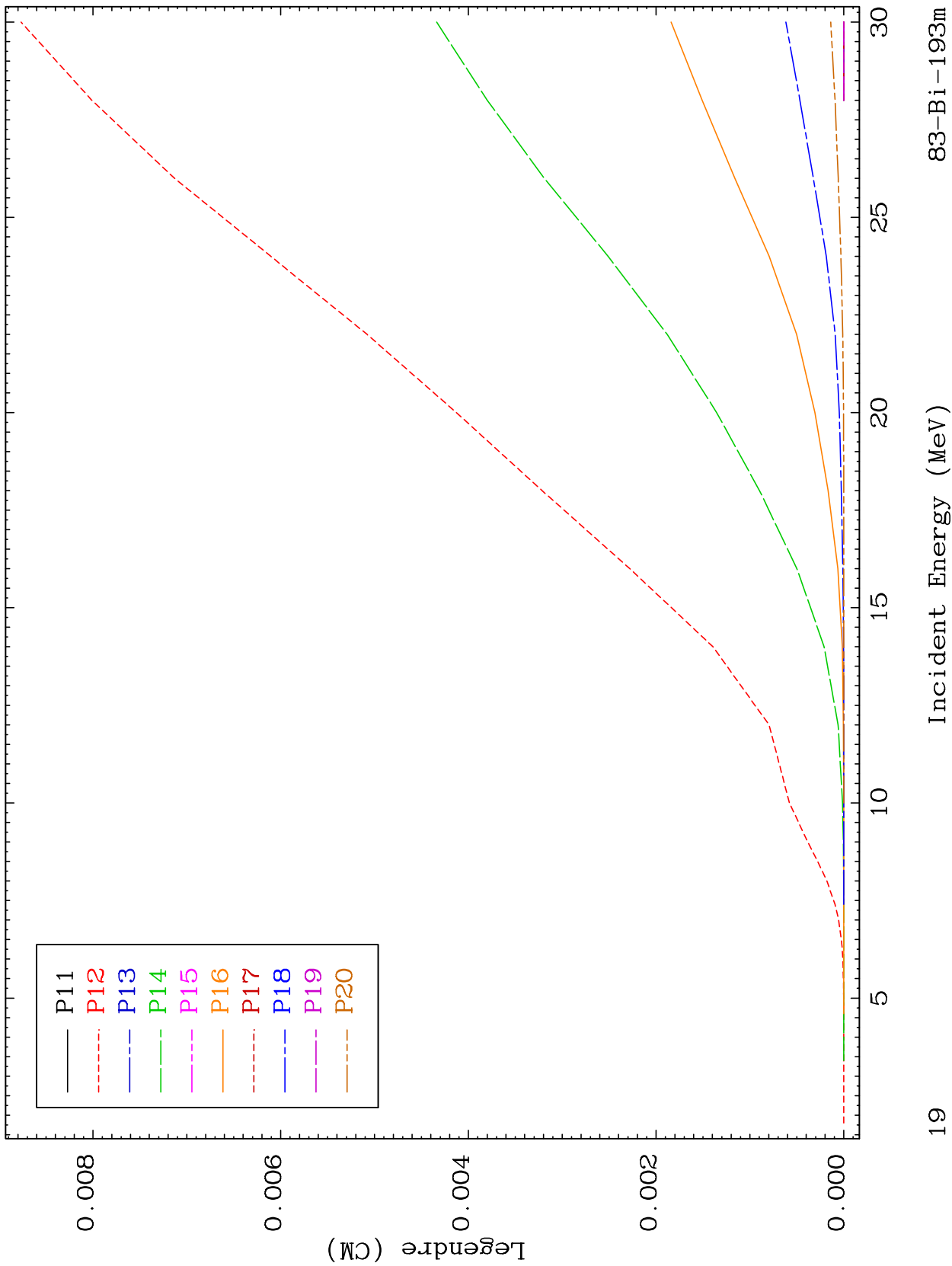
83-Bi-193m



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Elastic Legendre Coefficients

83-Bi-193m



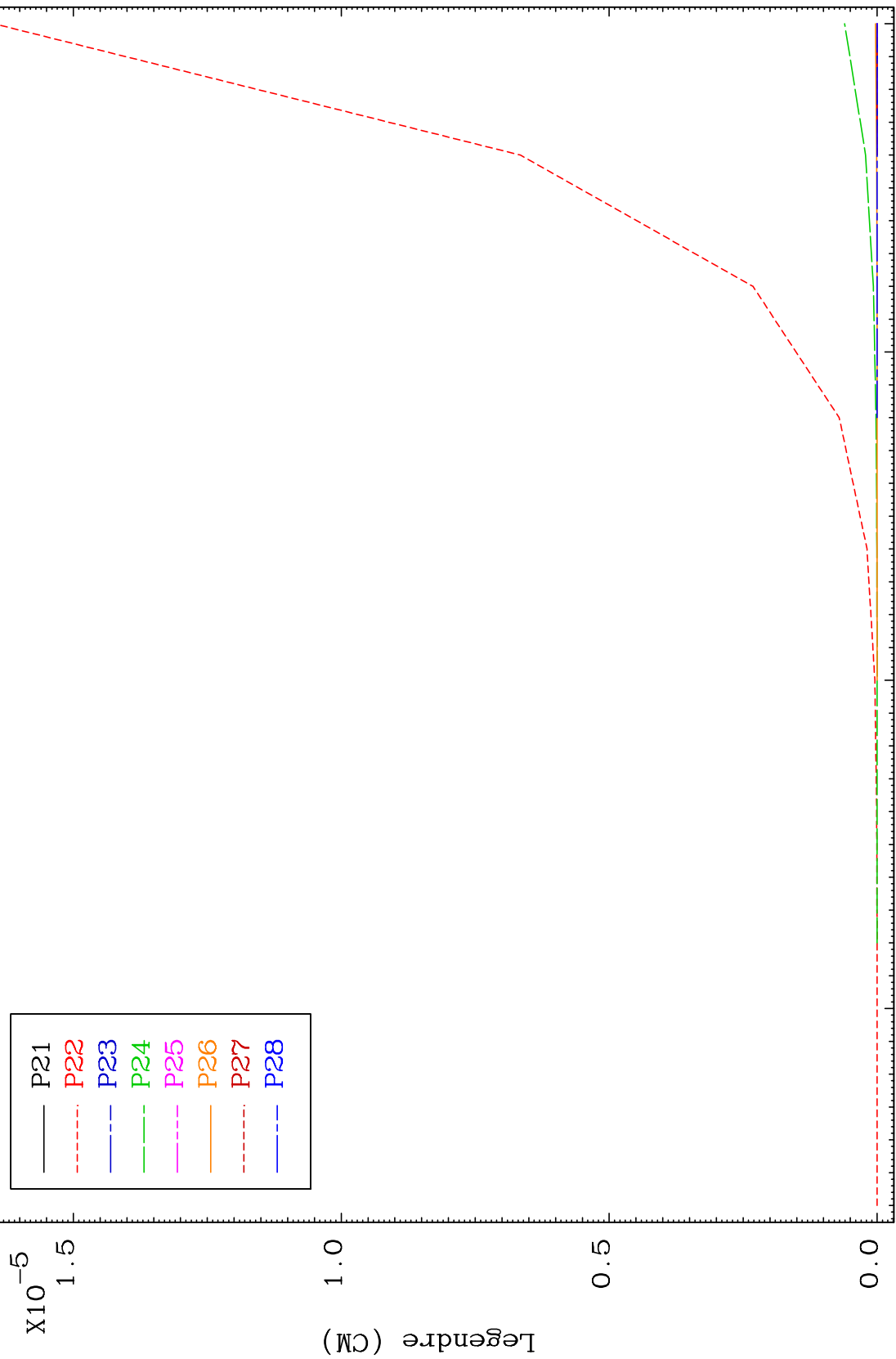
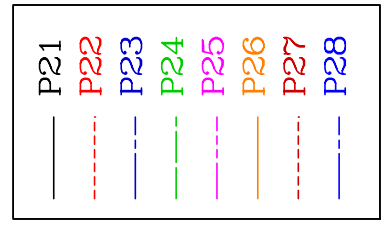
19

83-Bi-193m

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Elastic Legendre Coefficients

83-Bi-193m



20

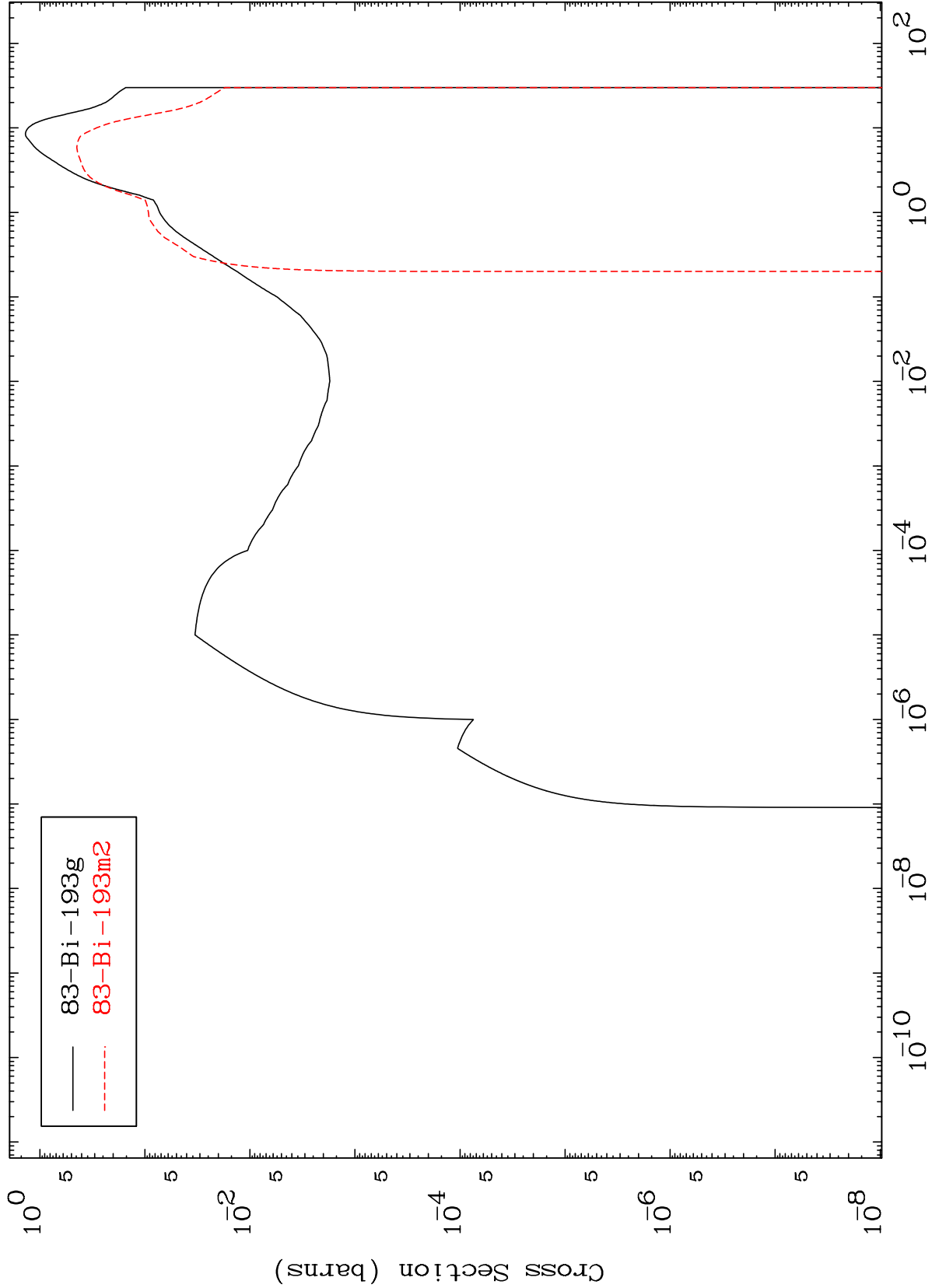
Incident Energy (MeV)

83-Bi-193m

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Inelastic
Radionuclide Production Cross Section

83-Bi-193m



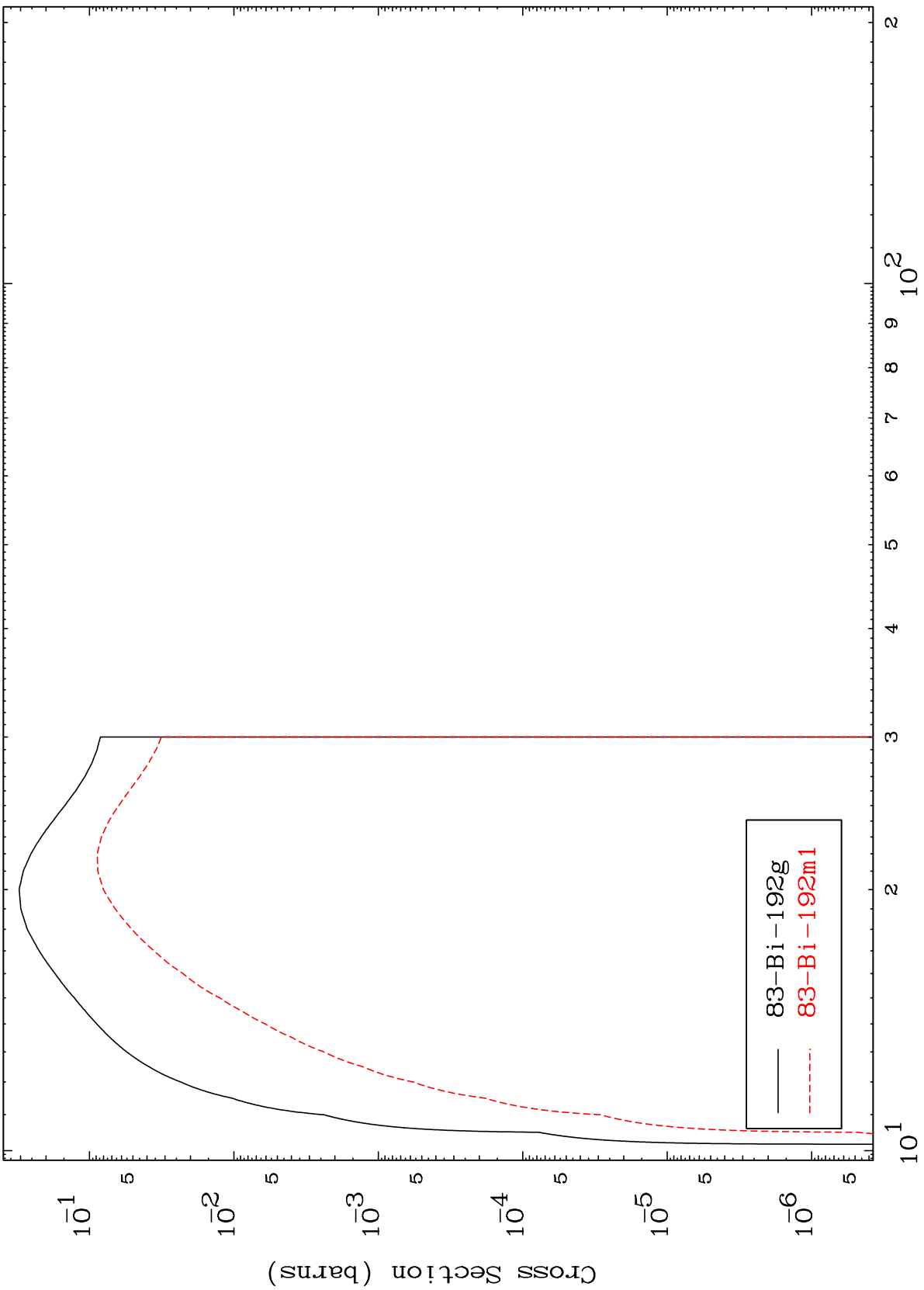
83-Bi-193g
83-Bi-193m2

83-Bi-193m

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83-Bi-193m

Radionuclide Production Cross Section
(n,2n)



83-Bi-192g
83-Bi-192m1

Incident Energy (MeV)

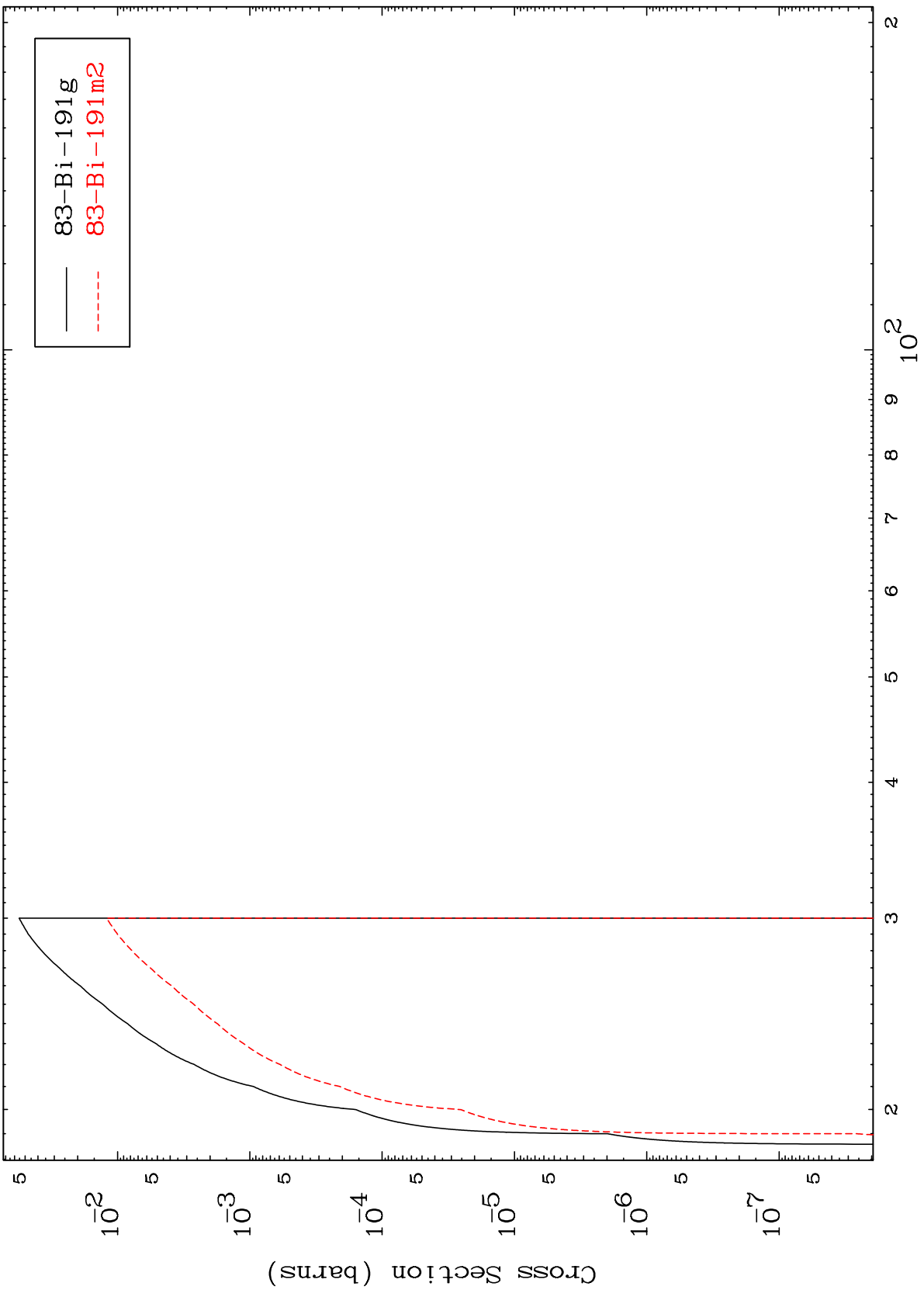
83-Bi-193m

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83-Bi-193m

(n,3n)
Radionuclide Production Cross Section



23

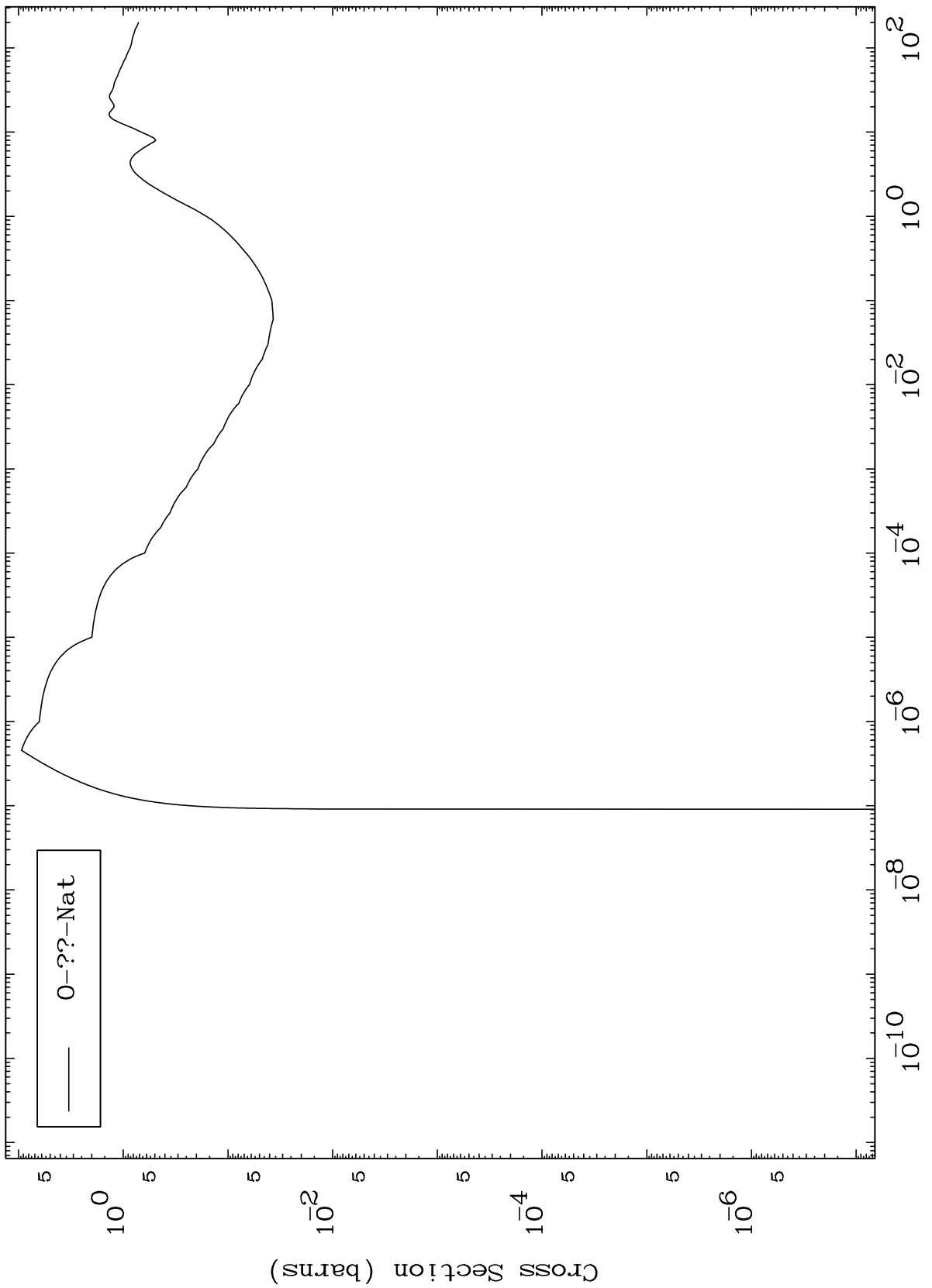
Incident Energy (MeV)

83-Bi-193m

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83-Bi-193m

Fission
Radionuclide Production Cross Section

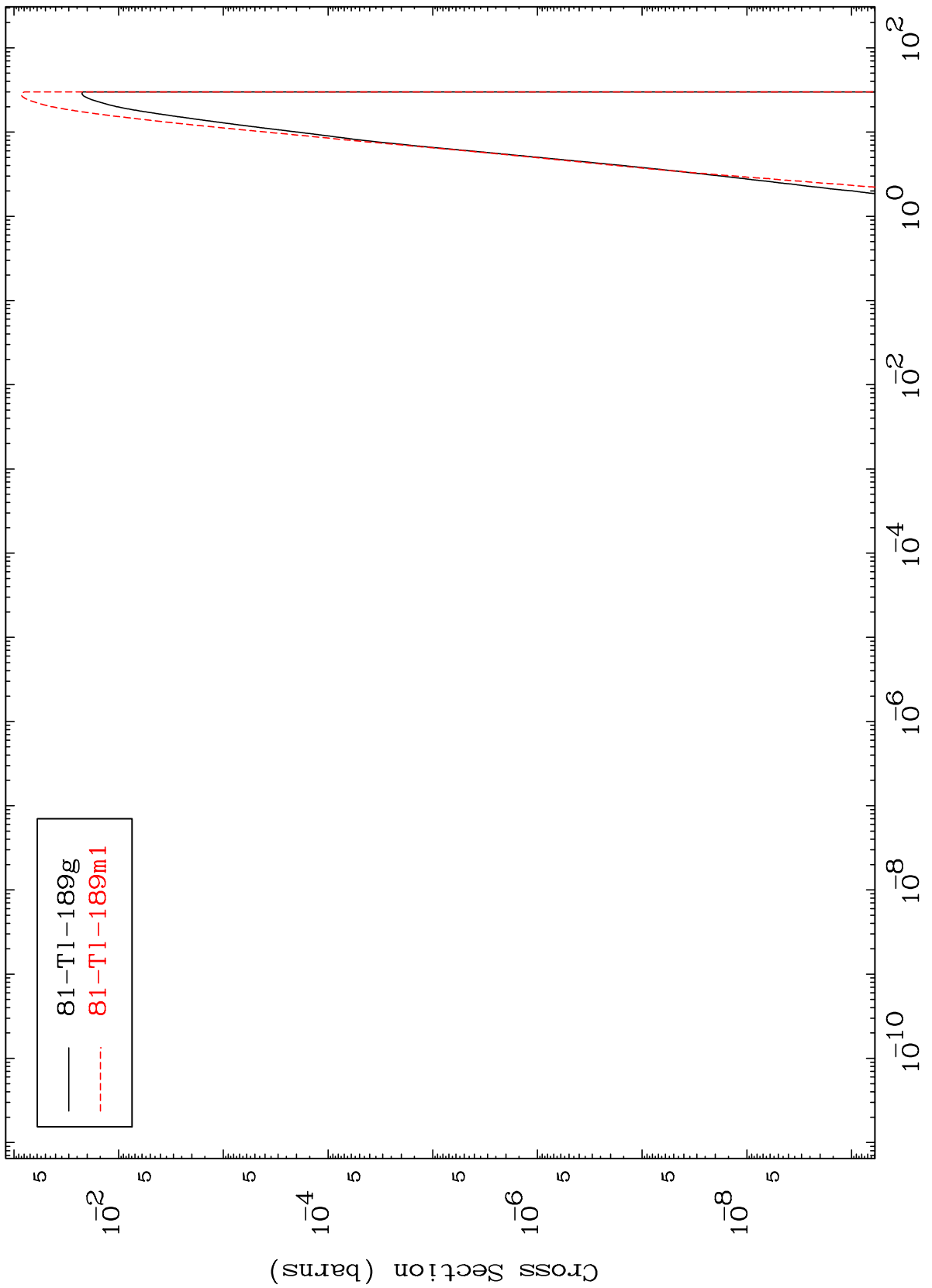


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$(n, n') \alpha$

83-Bi-193m

Radionuclide Production Cross Section

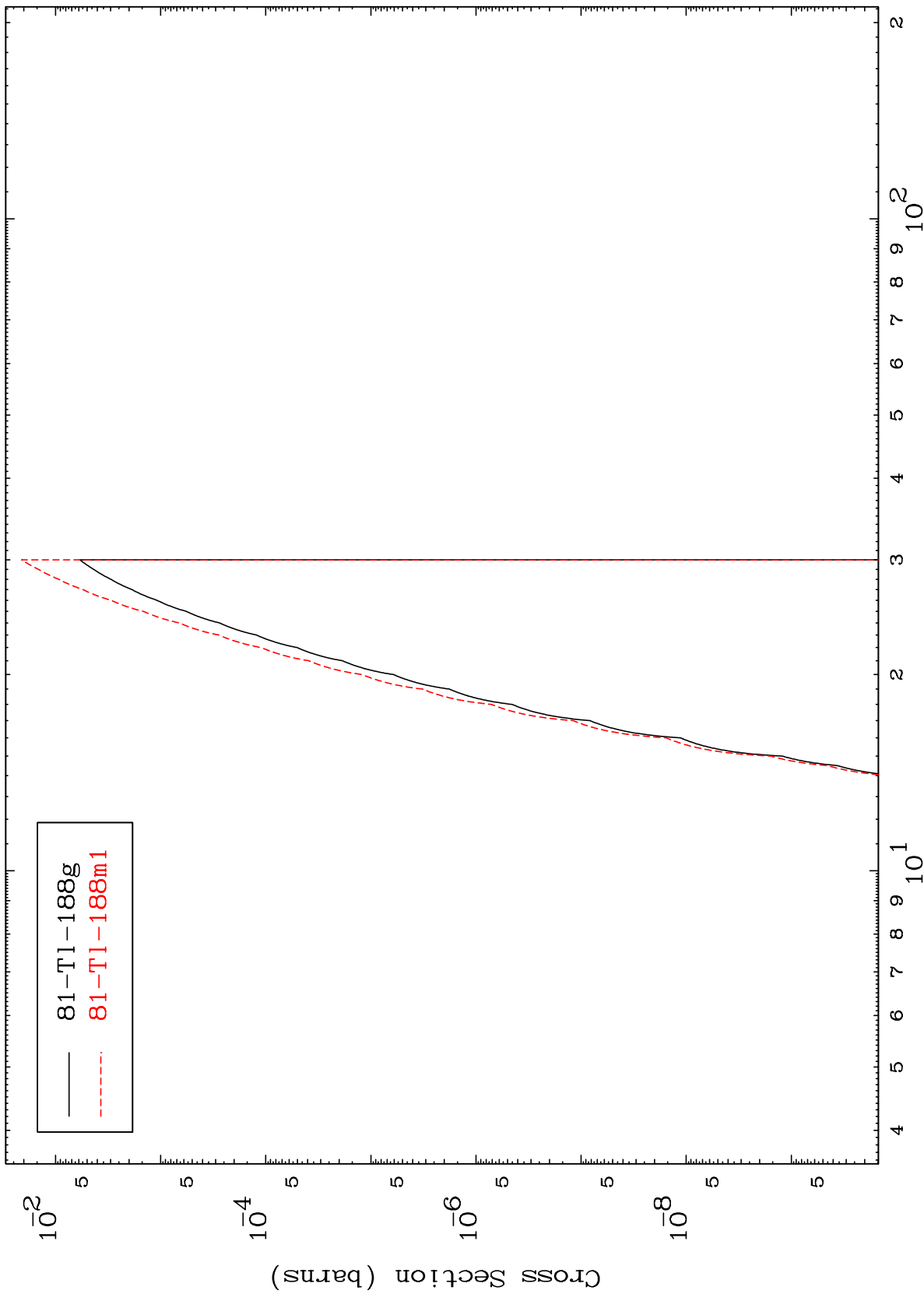


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(n,2n) α

83-Bi-193m

Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

Incident Energy (MeV)

83-Bi-193m

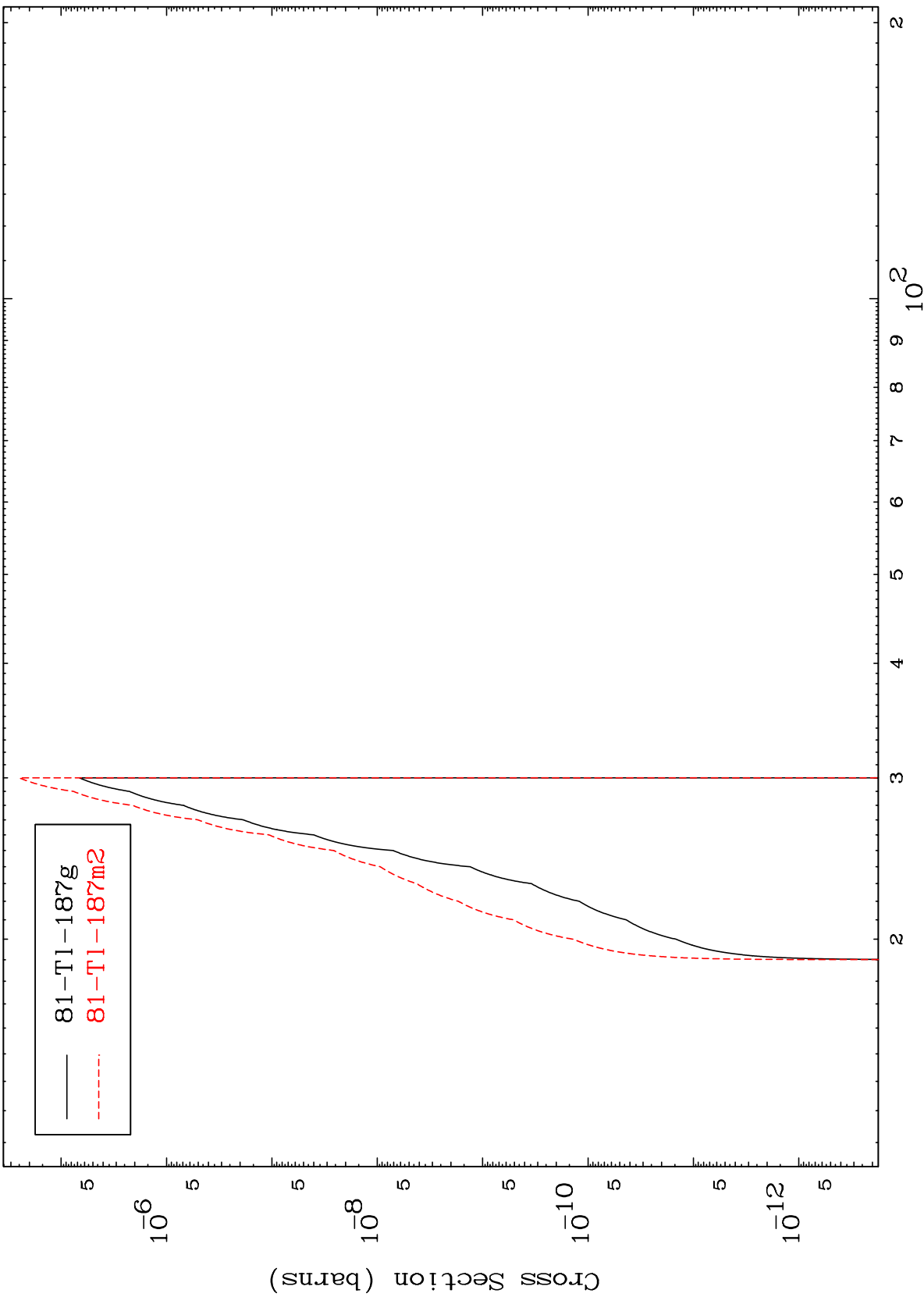
26

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(n,3n) α

83-Bi-193m

Radionuclide Production Cross Section

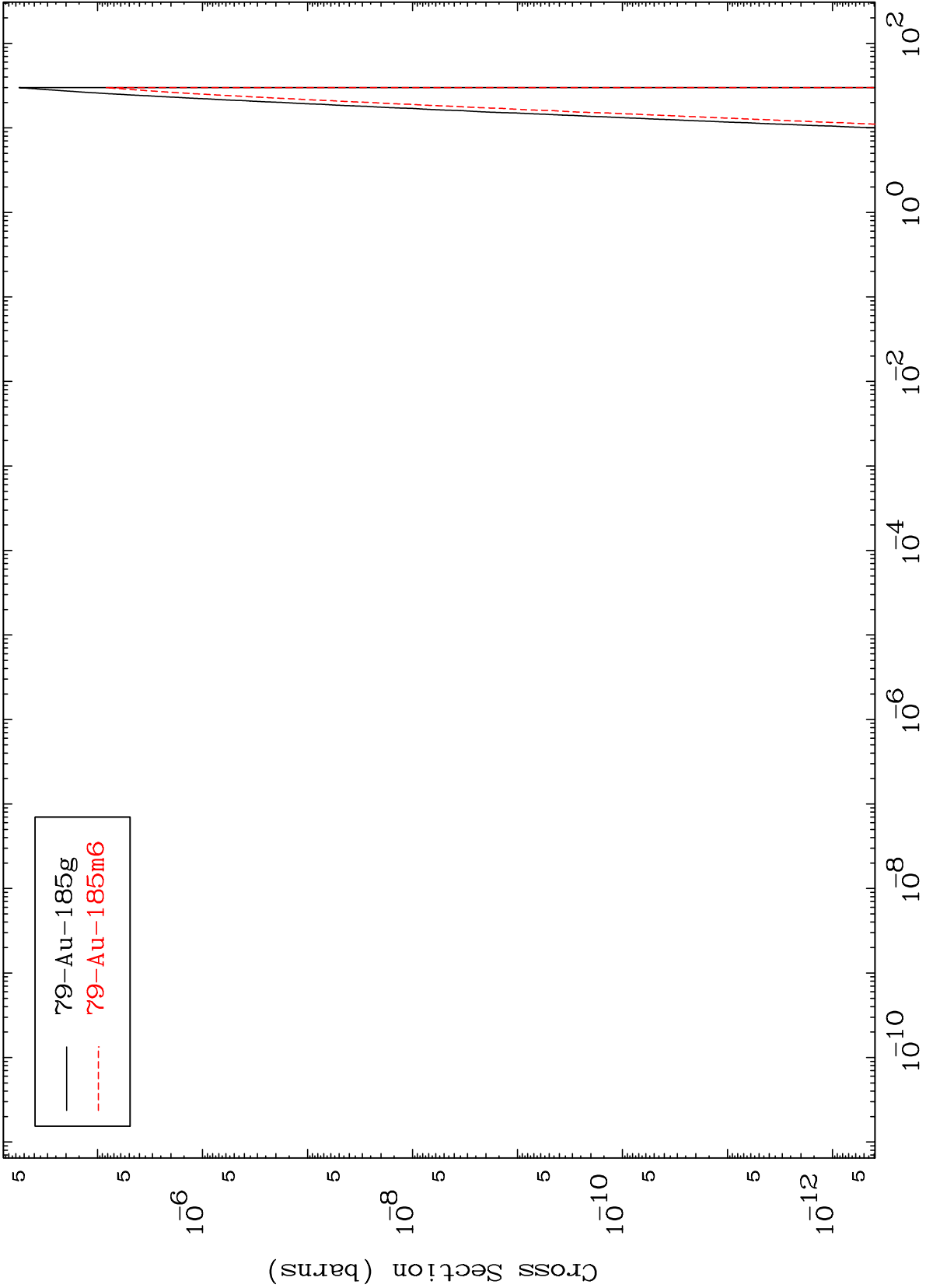


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(n,n') 2α

83-Bi-193m

Radionuclide Production Cross Section

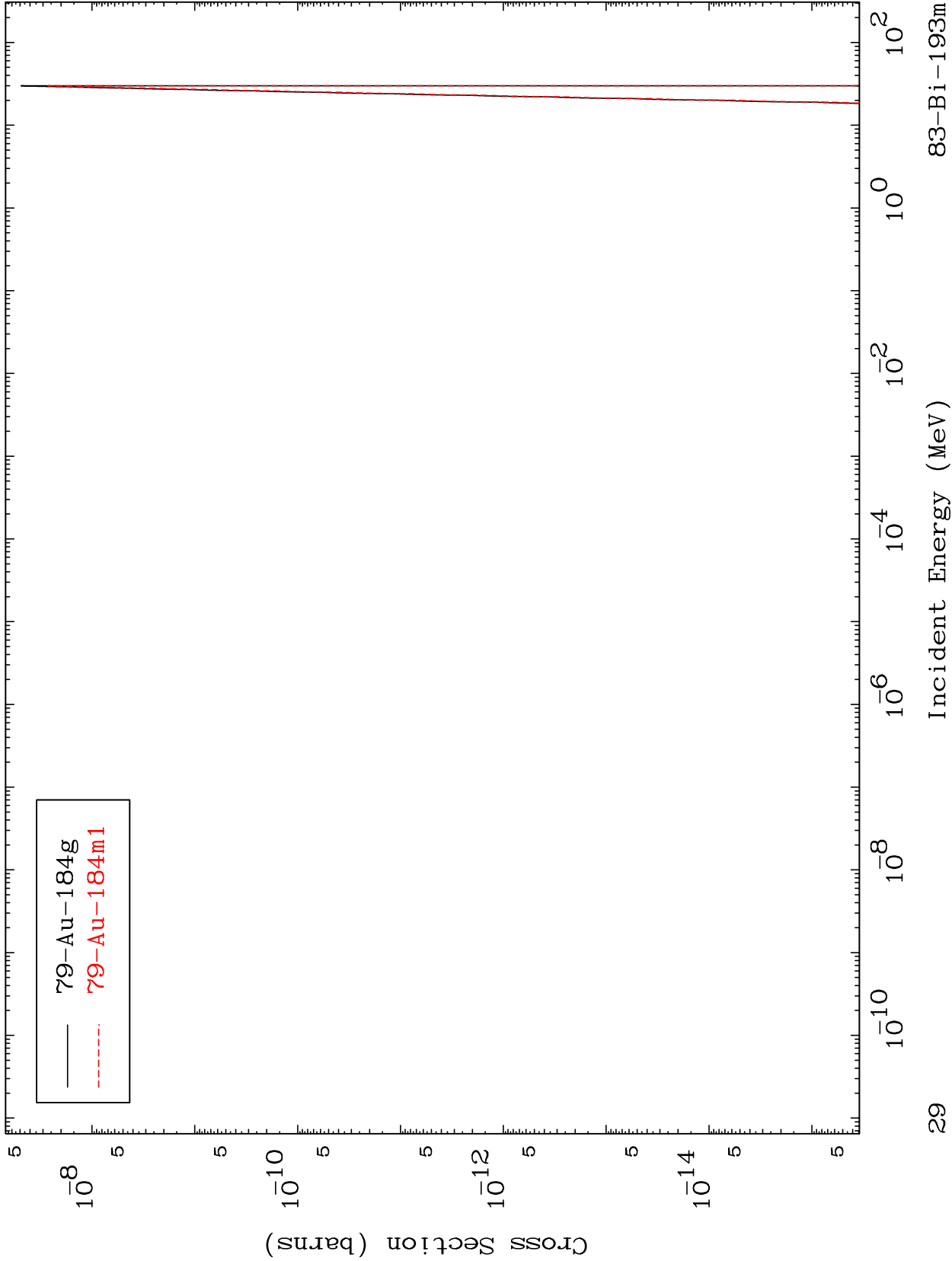


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(n,2n) 2α

83-Bi-193m

Radionuclide Production Cross Section

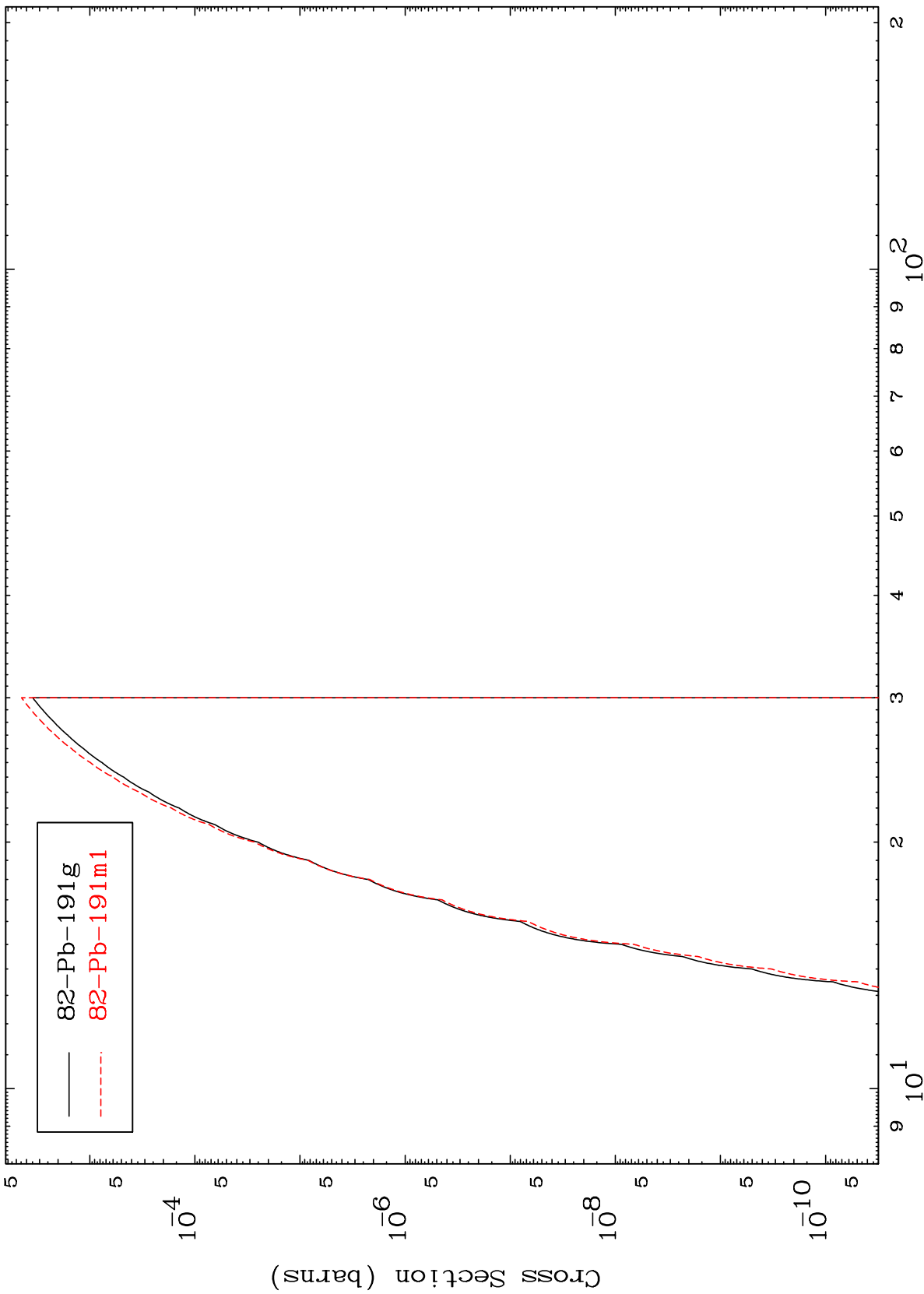


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(n,n') d

83-Bi-193m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

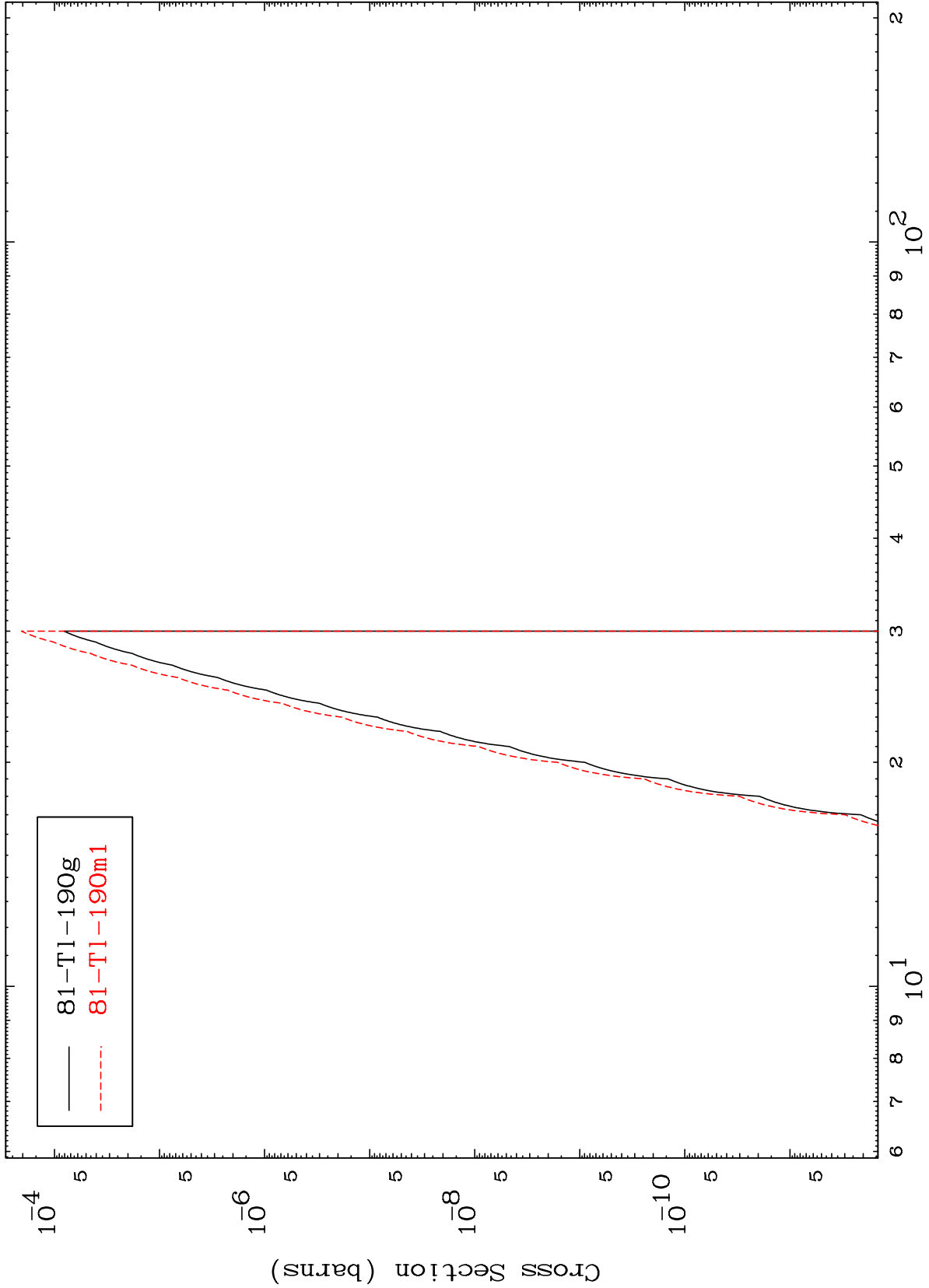
83-Bi-193m

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(n,n') He-3

83-Bi-193m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

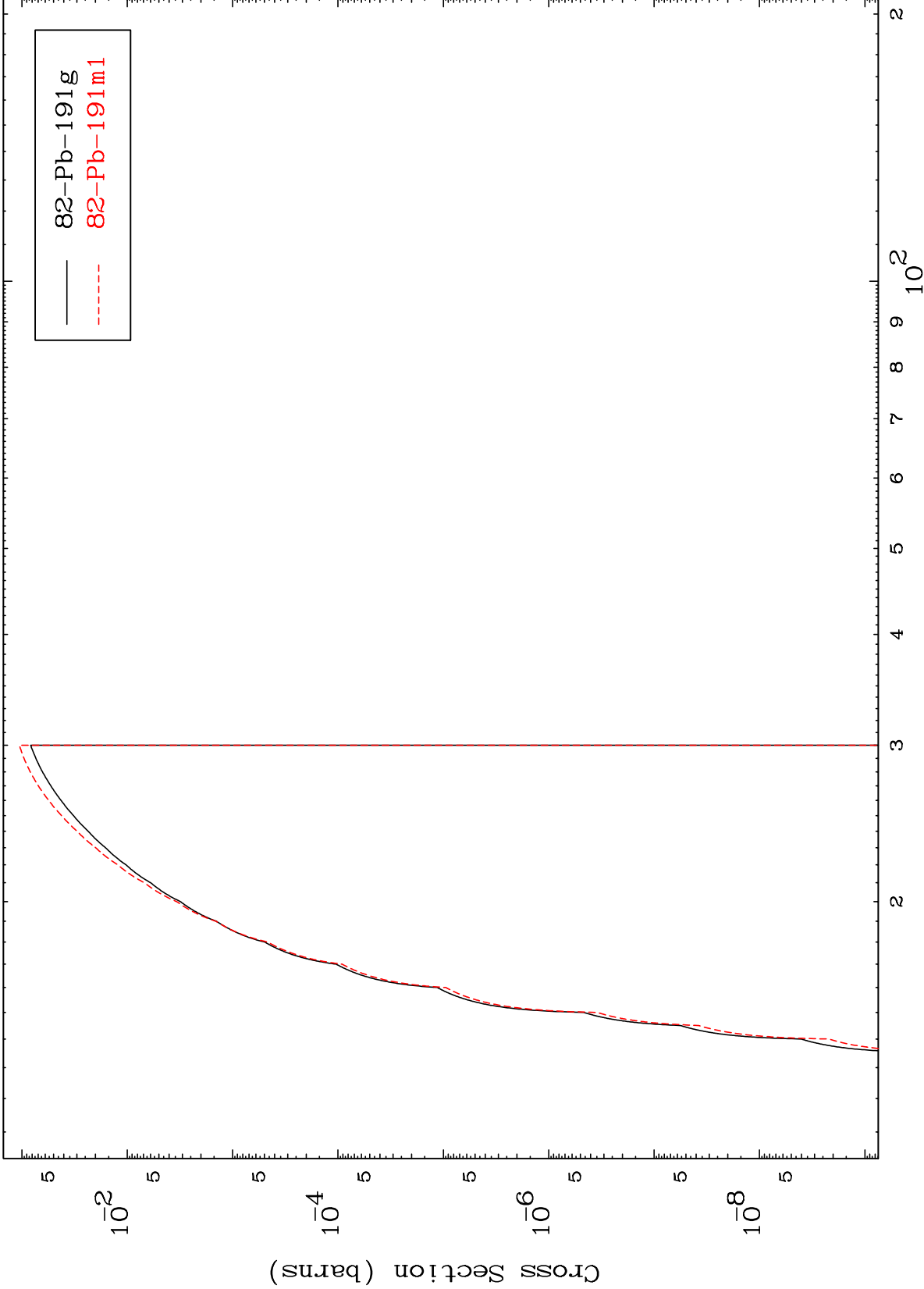
83-Bi-193m

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(n,2n) p

83-Bi-193m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

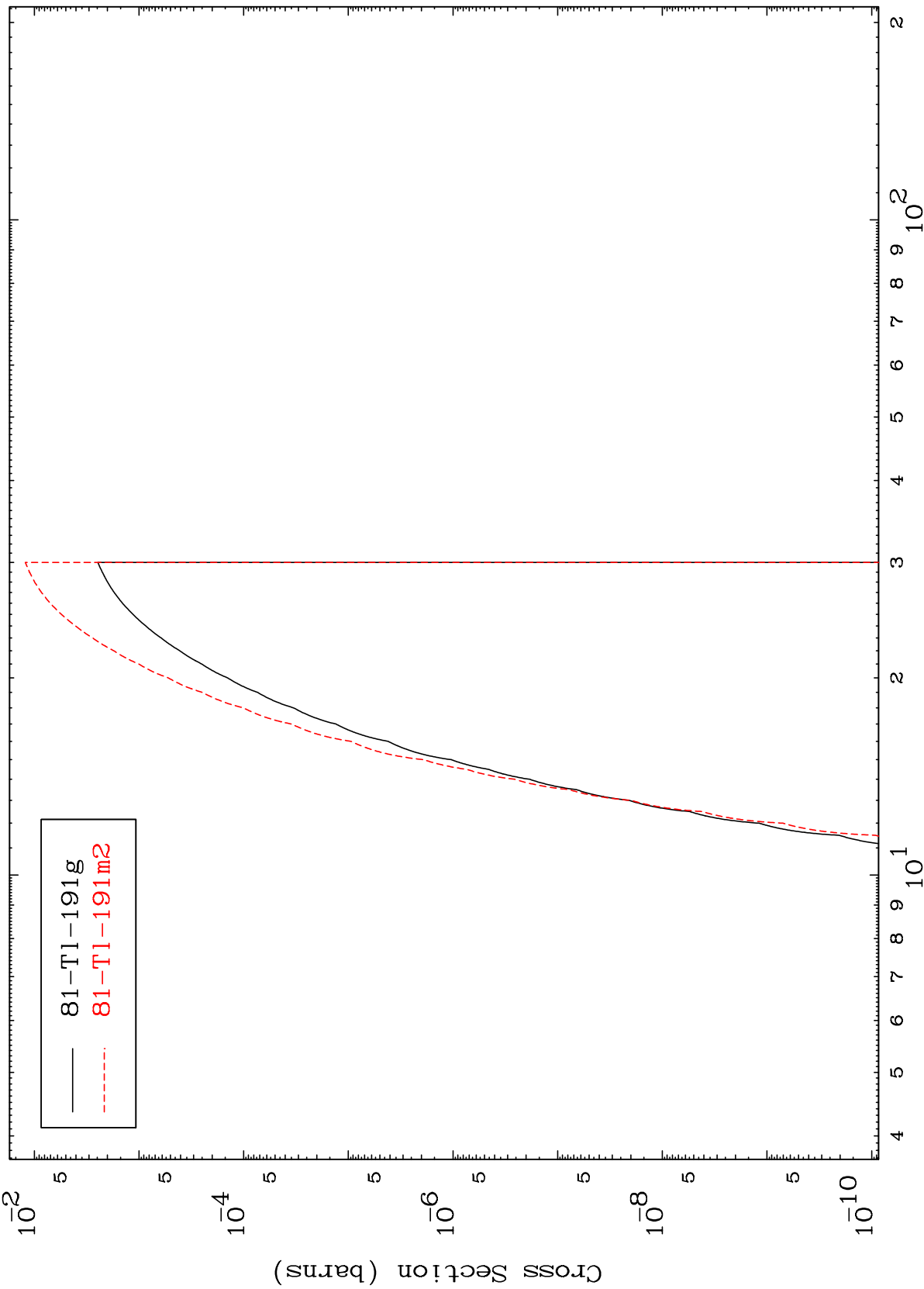
83-Bi-193m

MAT 8278

(n,2n) p

83-Bi-193m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

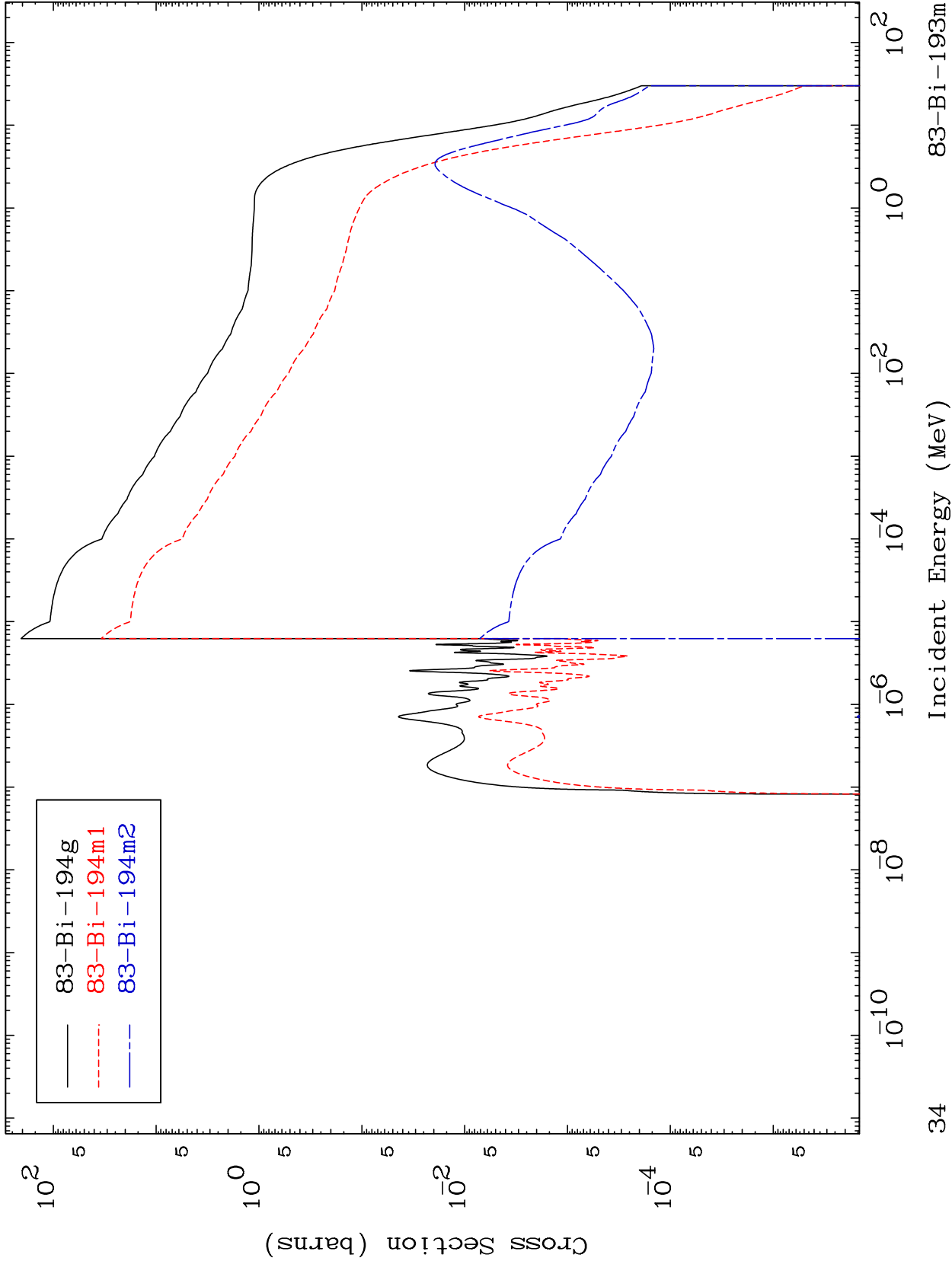
83-Bi-193m

33

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$^{83}\text{Bi}-193\text{m}$

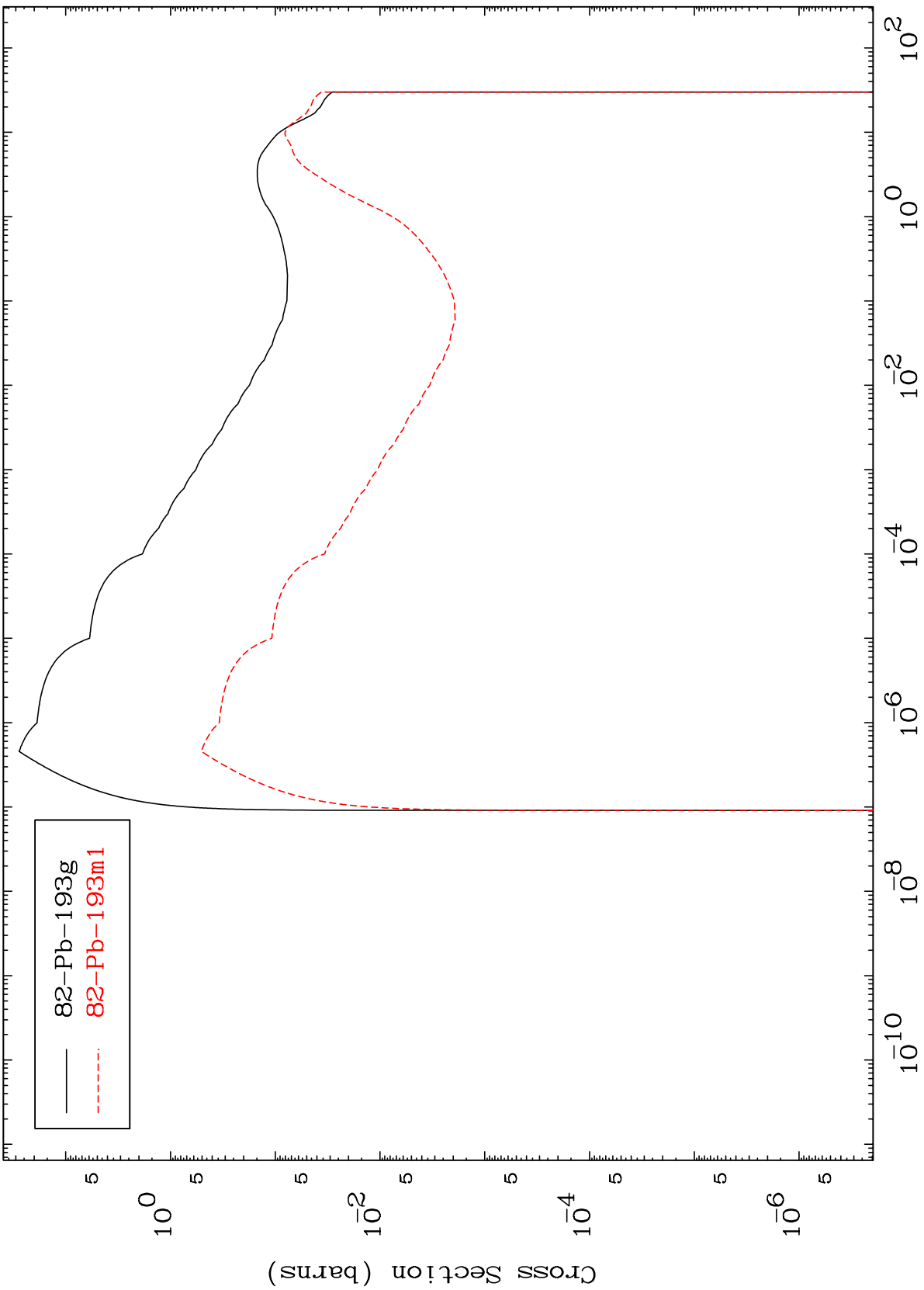
Radionuclide Production Cross Section
(n, γ)



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⁸³Bi-193m

(n,p)
Radionuclide Production Cross Section

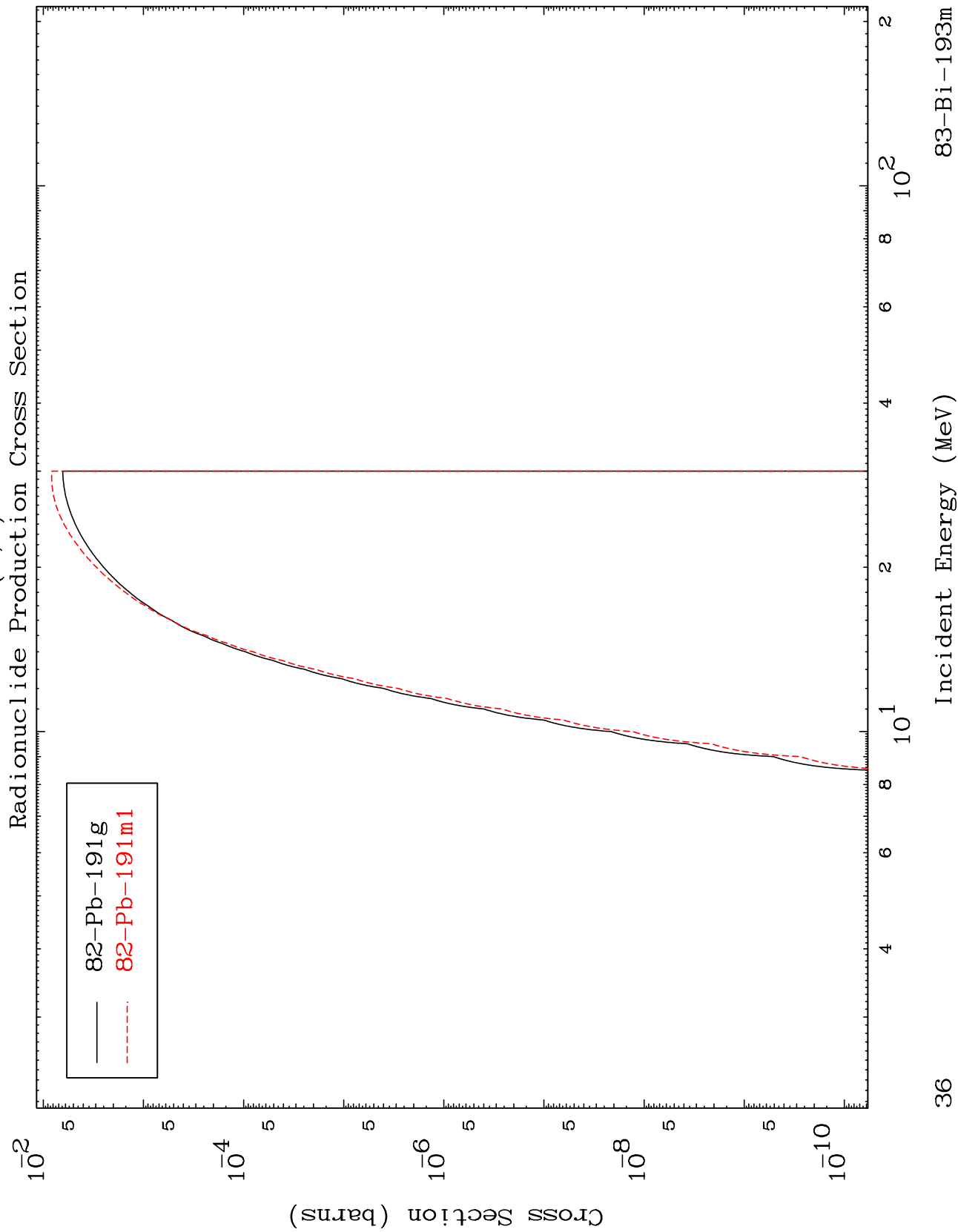


⁸³Bi-193m

Incident Energy (MeV)

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83-Bi-193m

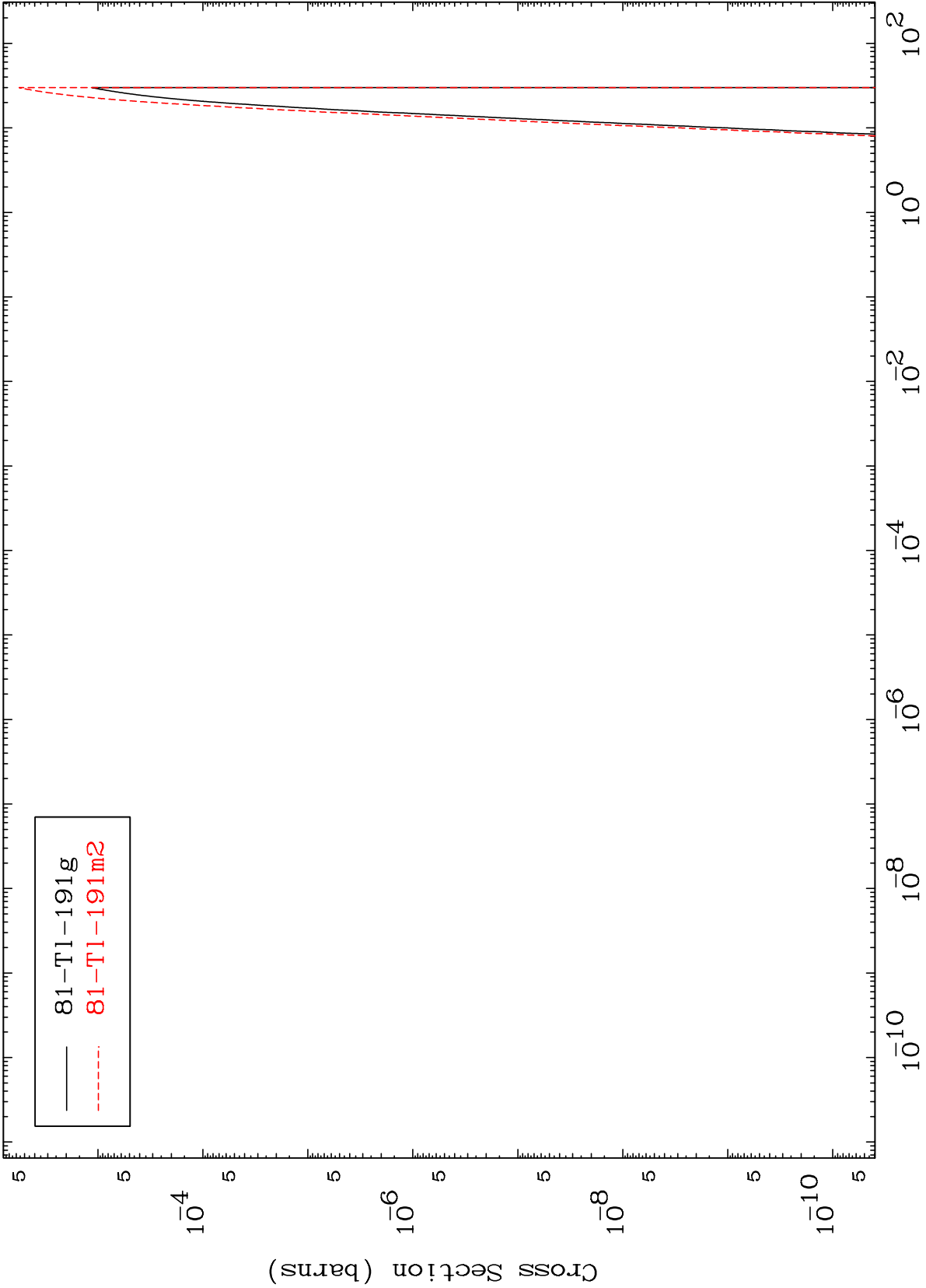


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(n,He-3)

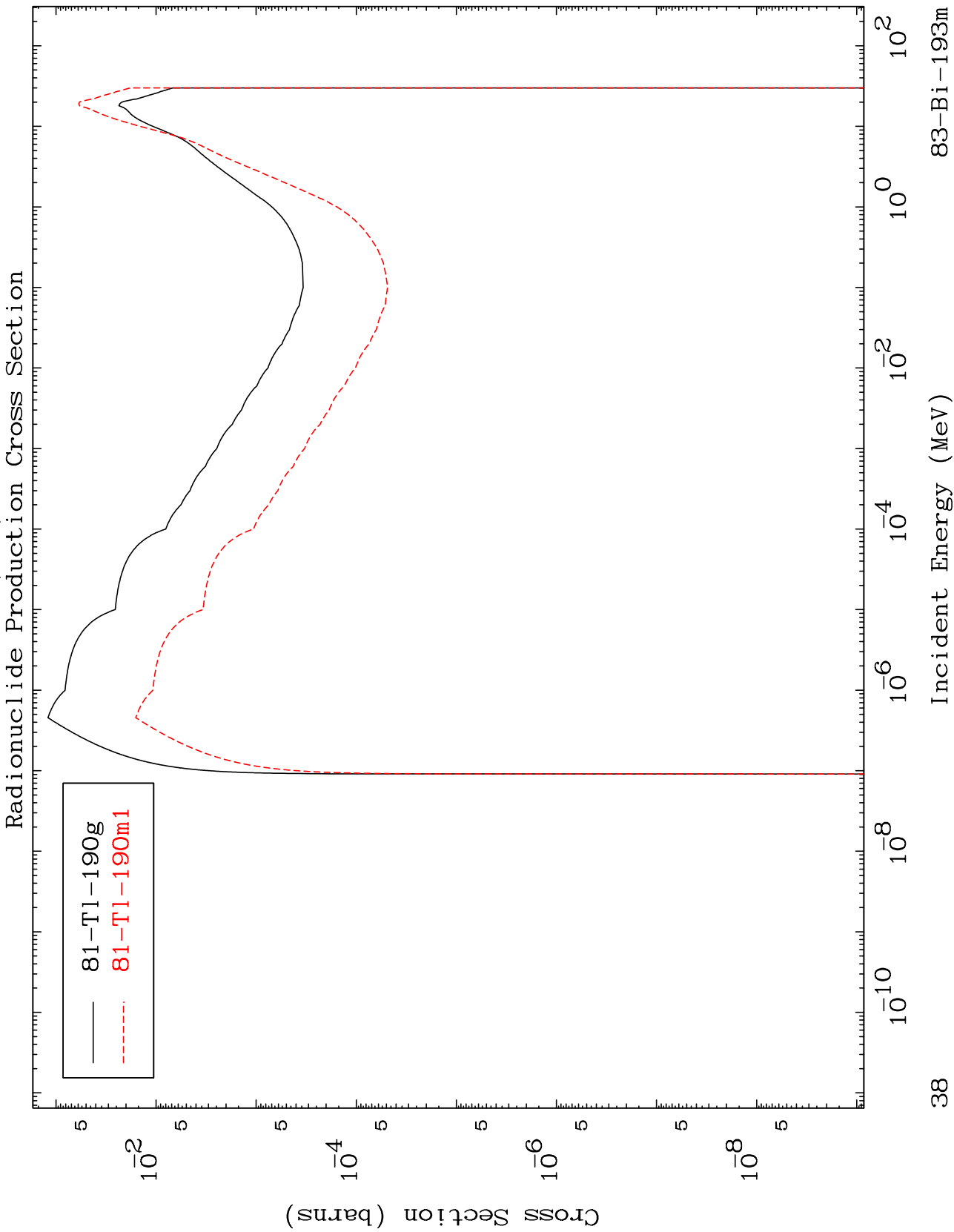
83-Bi-193m

Radionuclide Production Cross Section



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83-Bi-193m

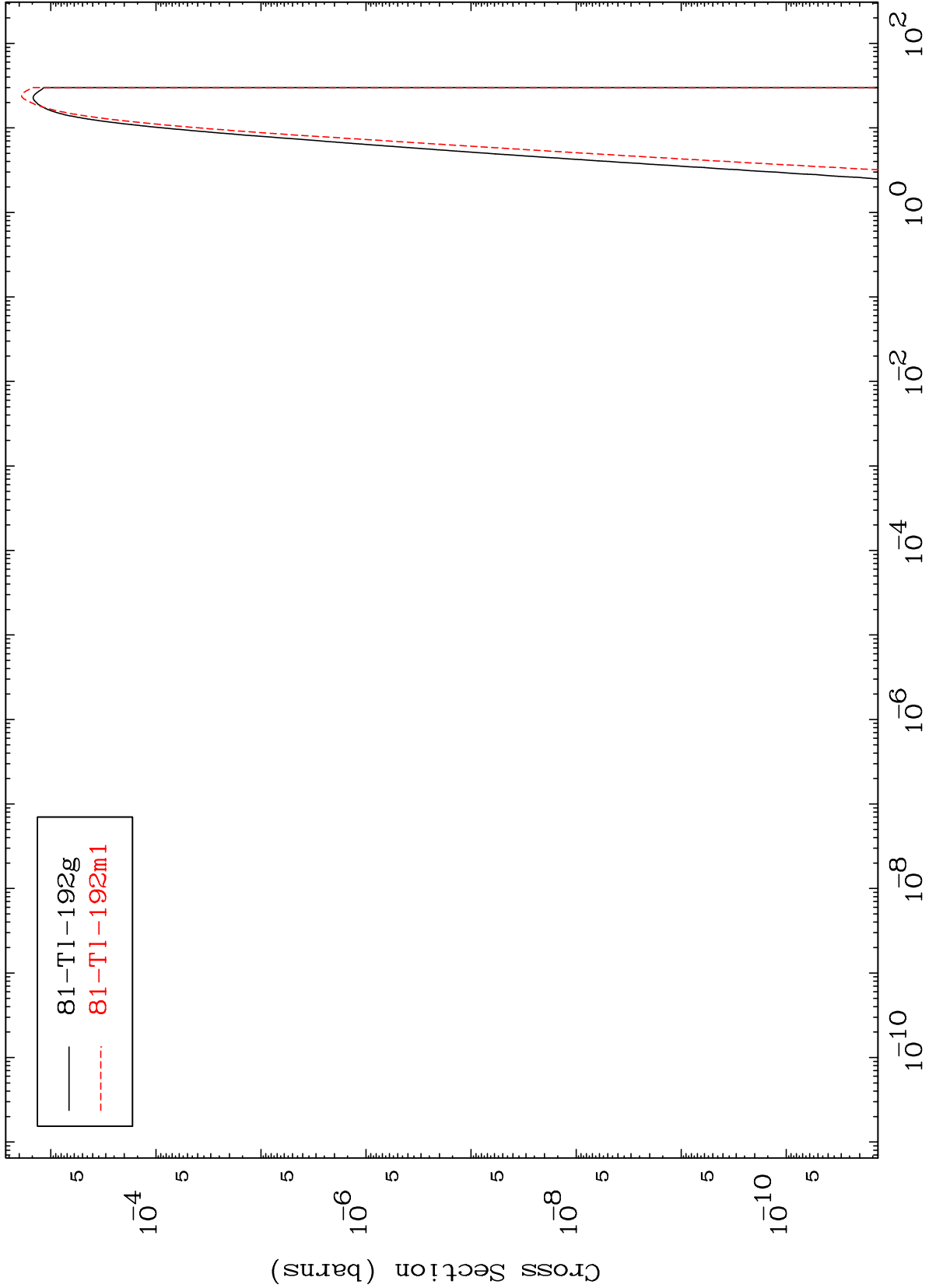


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(n,2p)

83-Bi-193m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

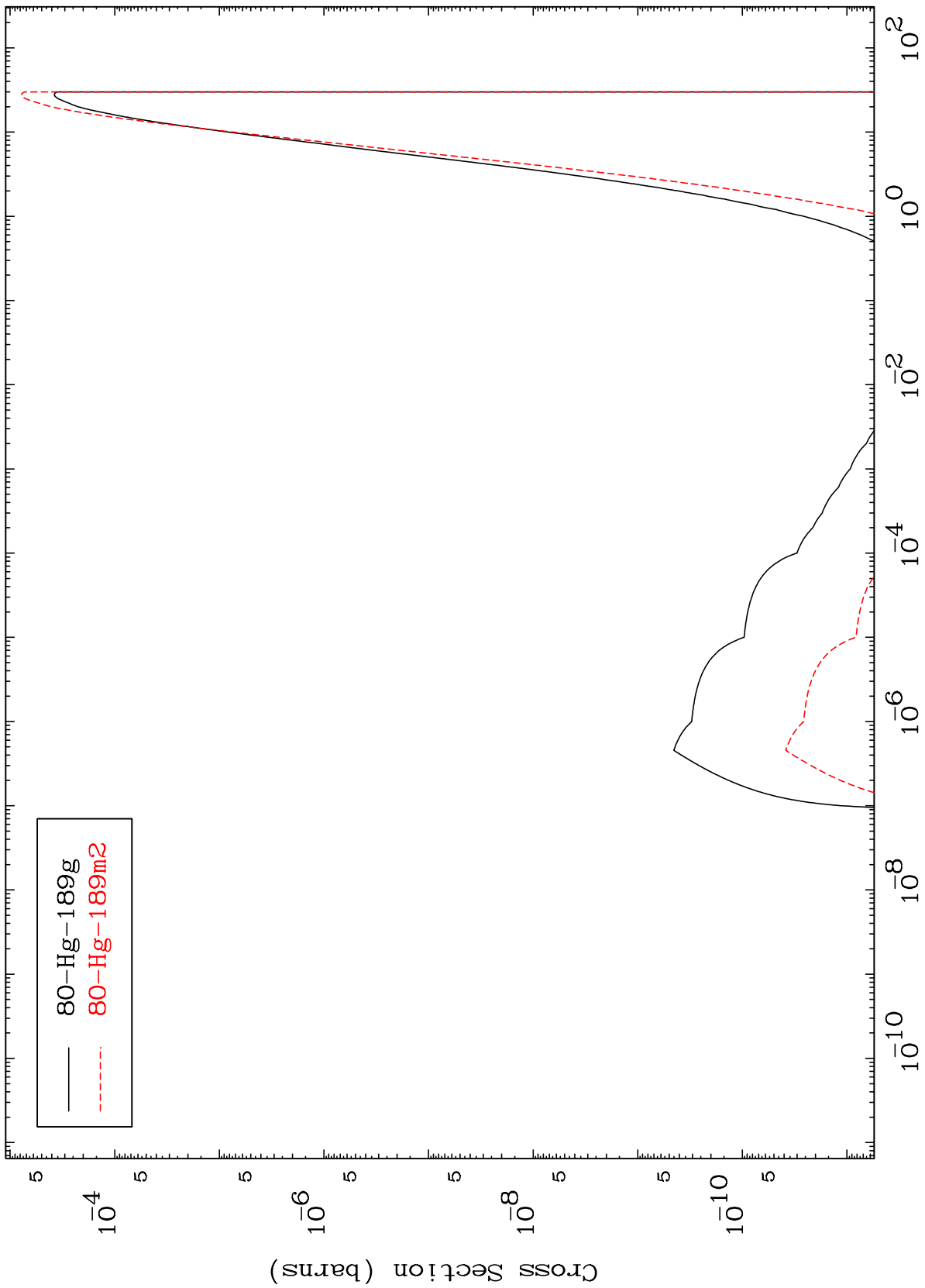
83-Bi-193m

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(n,p) α

$^{83}\text{Bi}-193\text{m}$

Radionuclide Production Cross Section



40

Incident Energy (MeV)

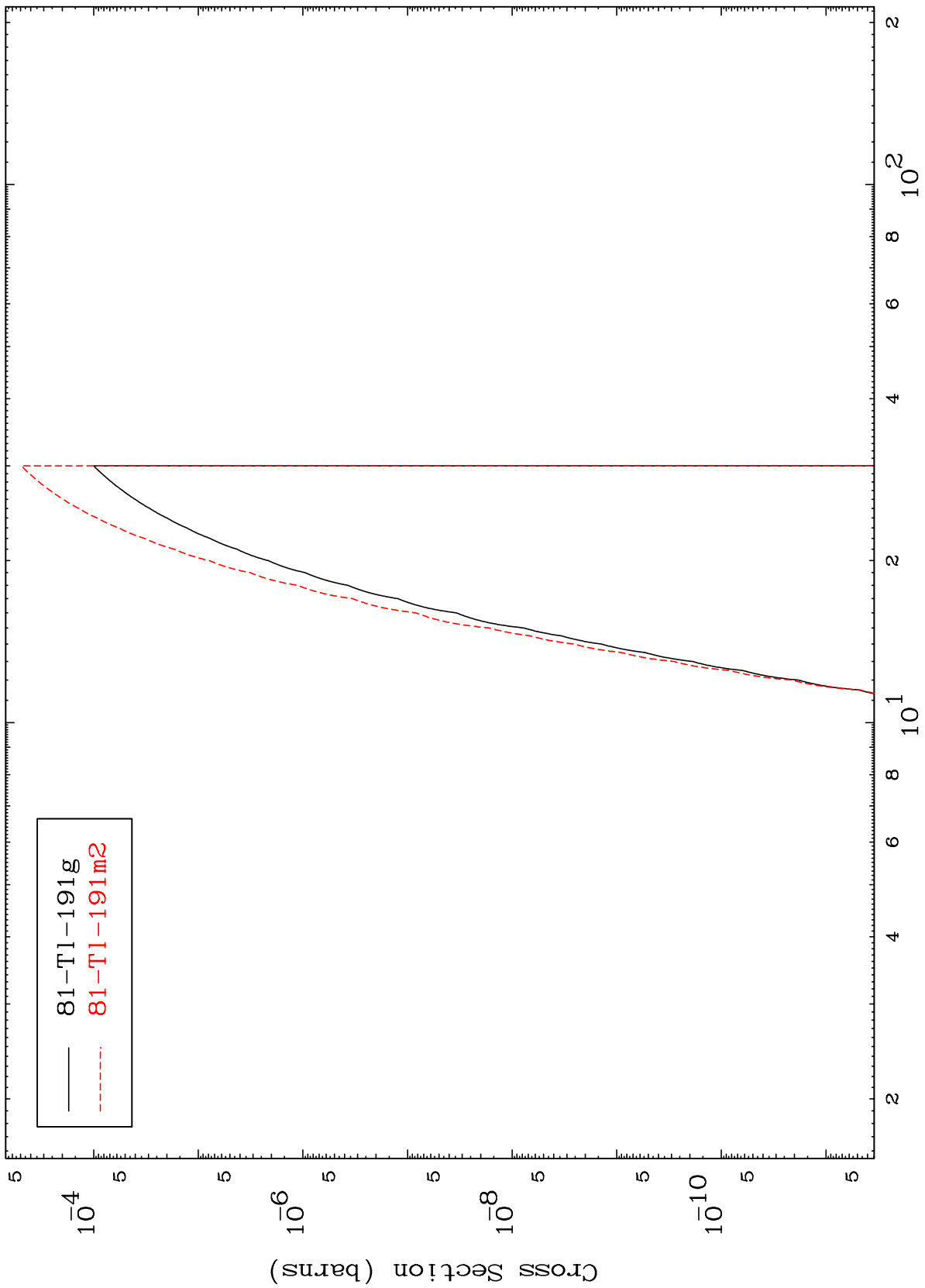
$^{83}\text{Bi}-193\text{m}$

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(n,p) d

83-Bi-193m

Radionuclide Production Cross Section



41

Incident Energy (MeV)

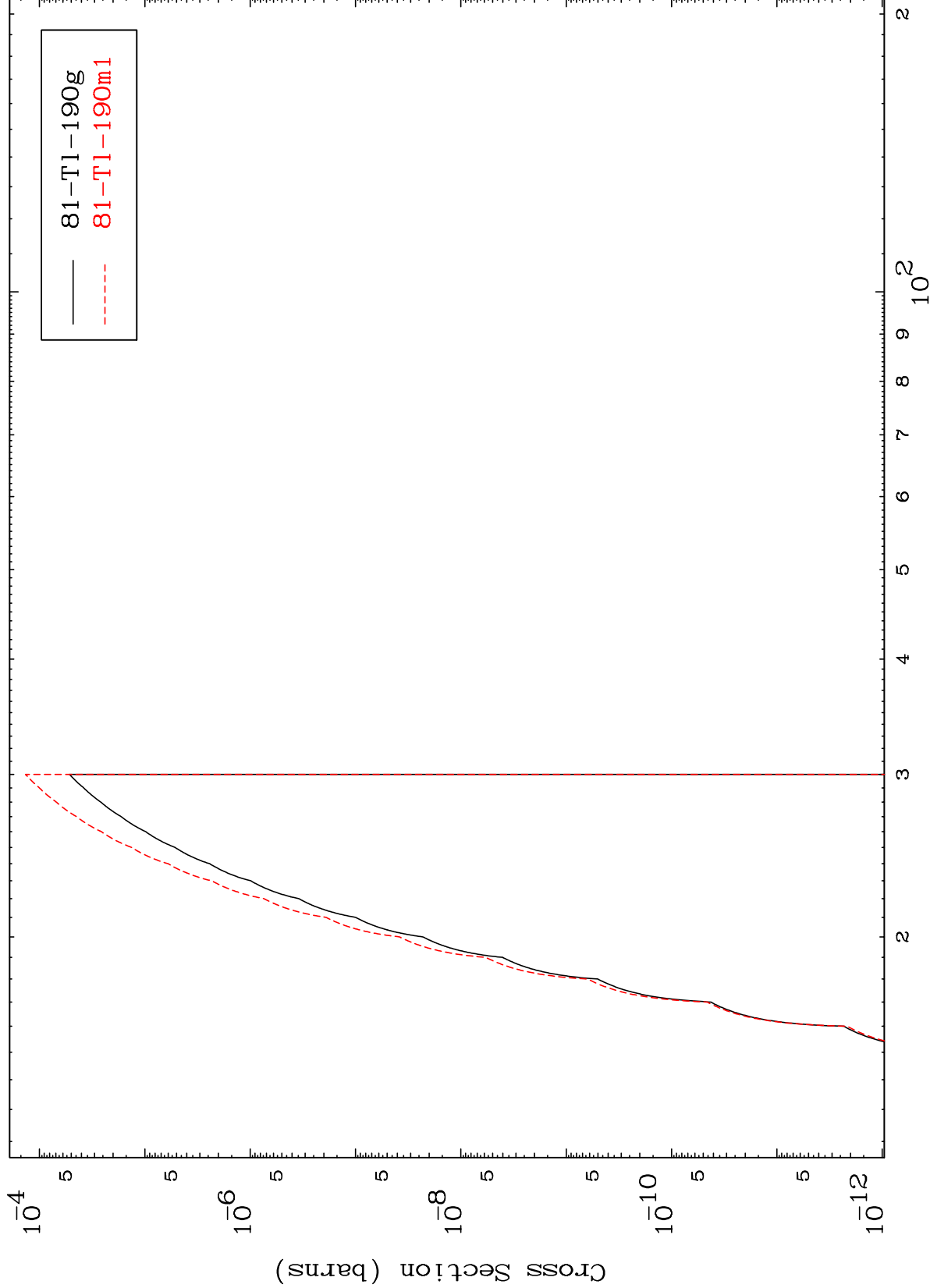
83-Bi-193m

MAT 8278

(n,p) t

83-Bi-193m

Radionuclide Production Cross Section



42

Incident Energy (MeV)

83-Bi-193m