

Program EVALPLOT
(Version 2021-1)

by

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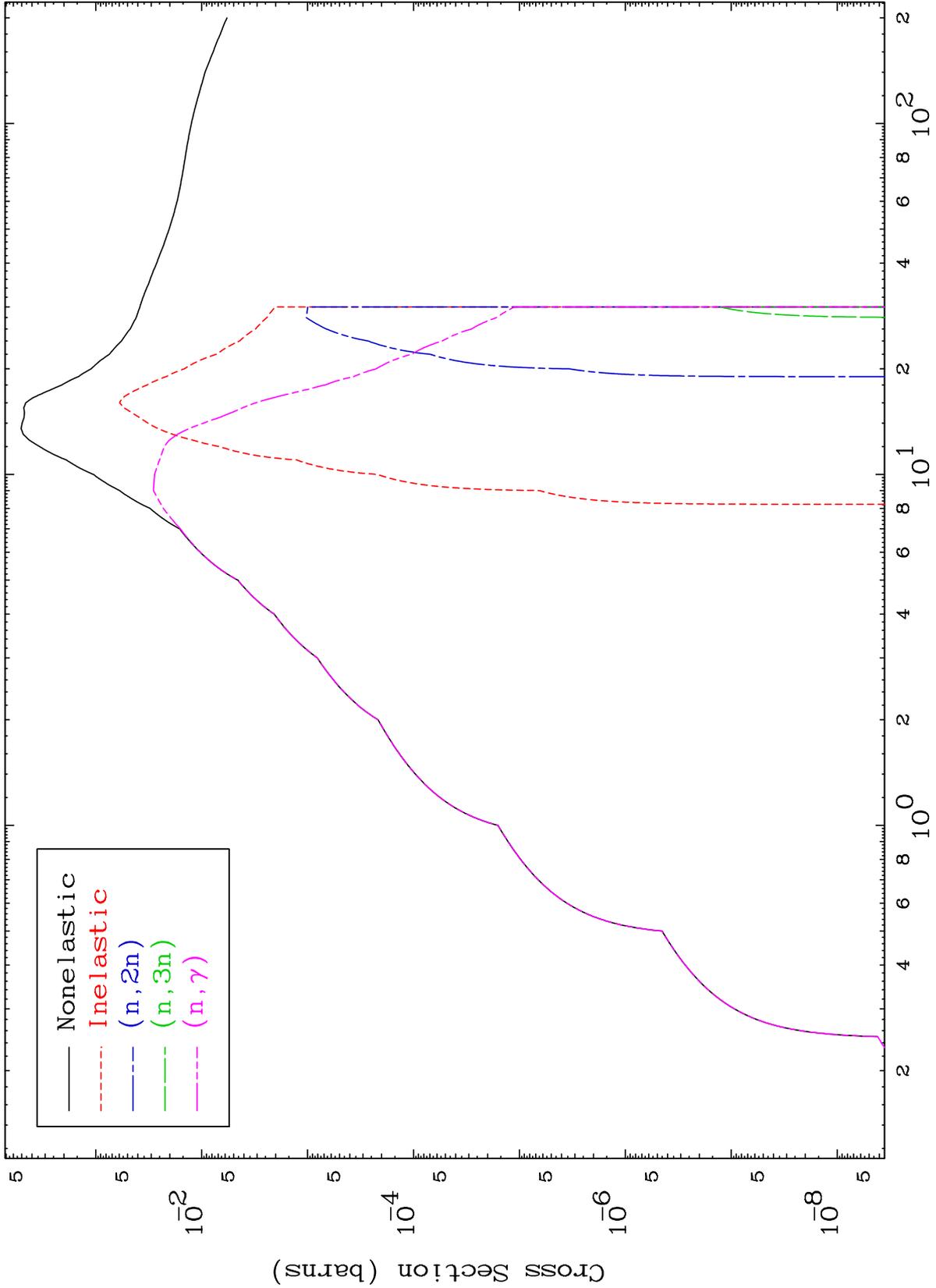
Press Mouse Button to Start

MAT 8275

Photon Major

83-Bi-192m

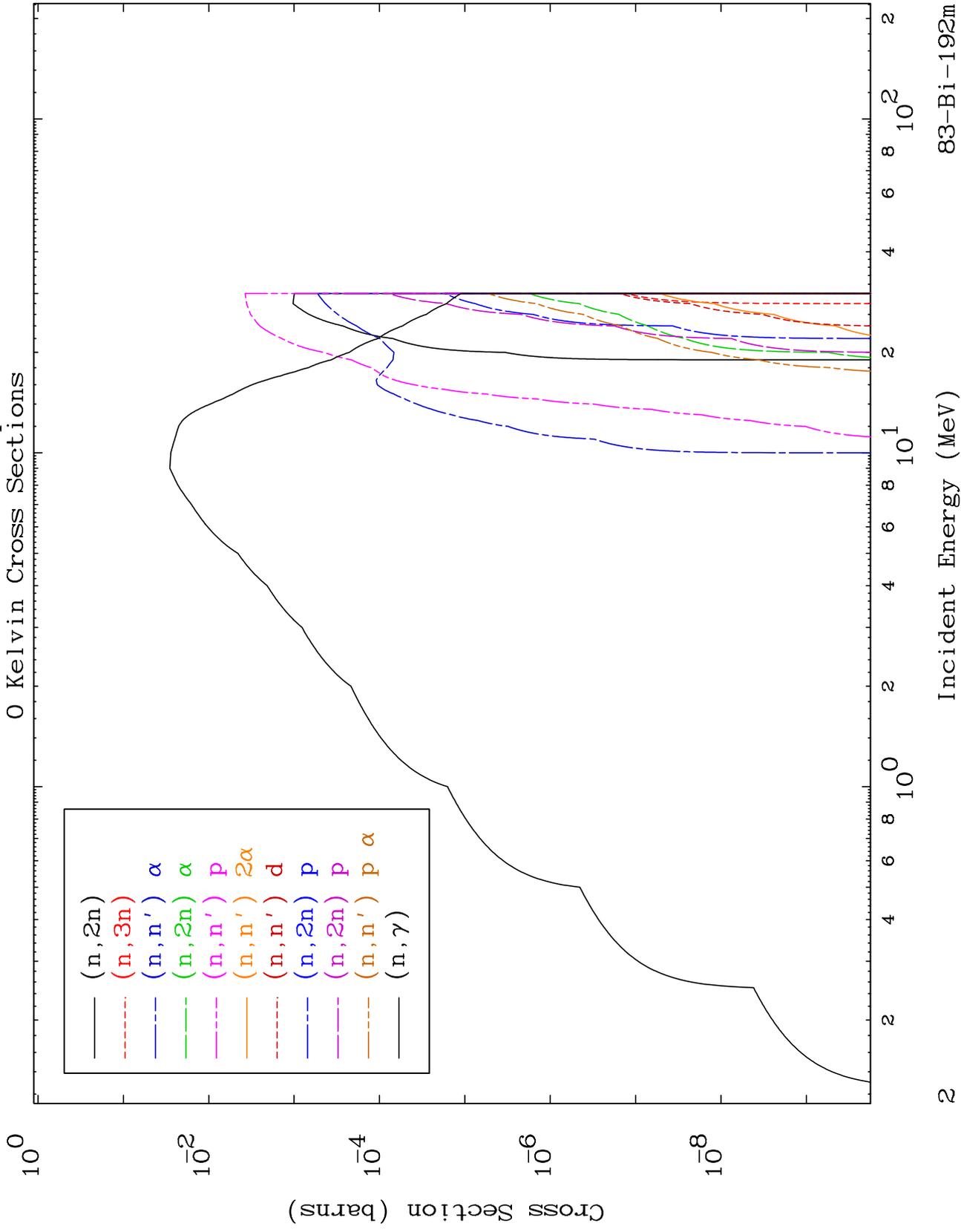
0 Kelvin Cross Sections



MAT 8275

Photon Neutron Absorption
0 Kelvin Cross Sections

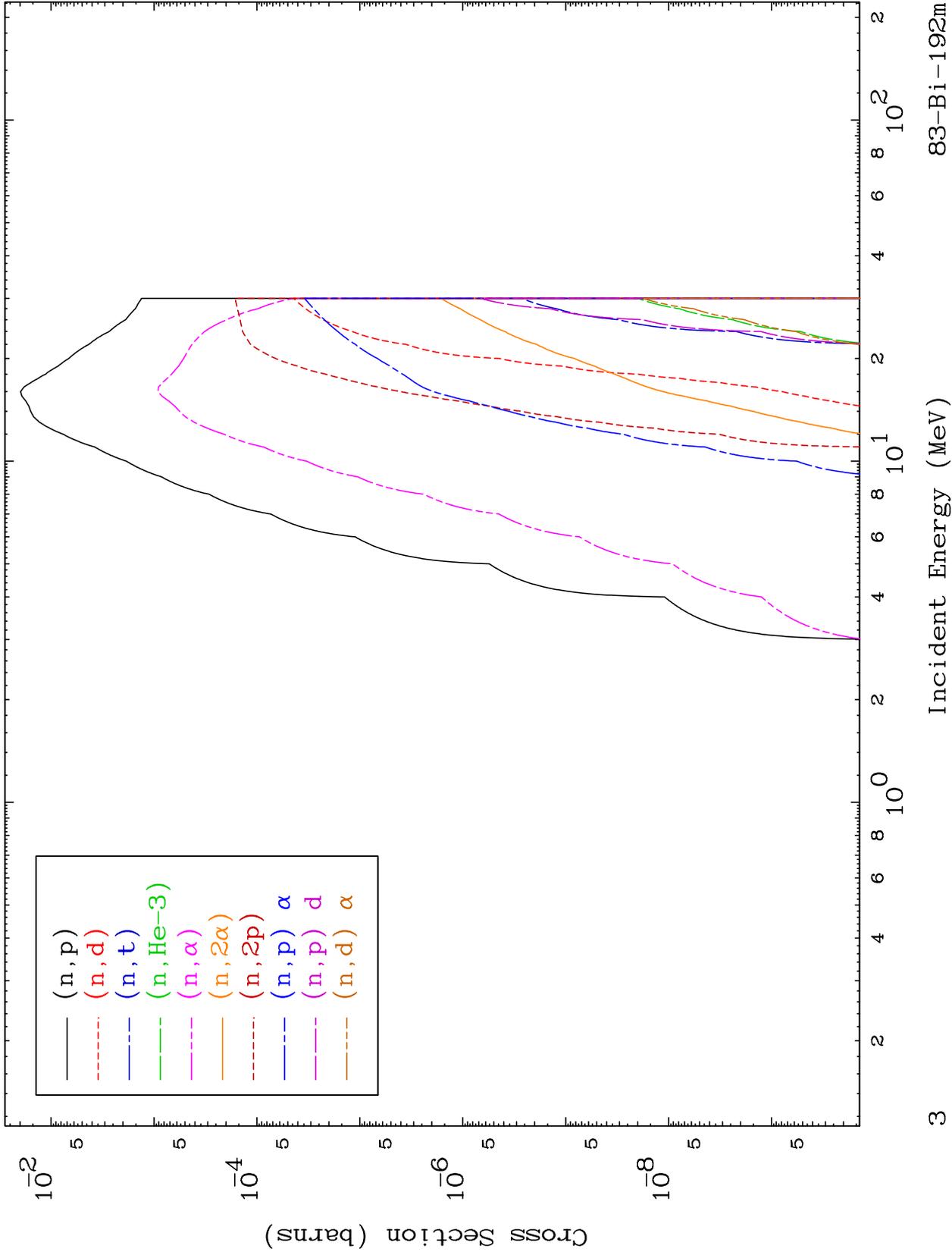
83-Bi-192m



MAT 8275

Photon Neutron Absorption
0 Kelvin Cross Sections

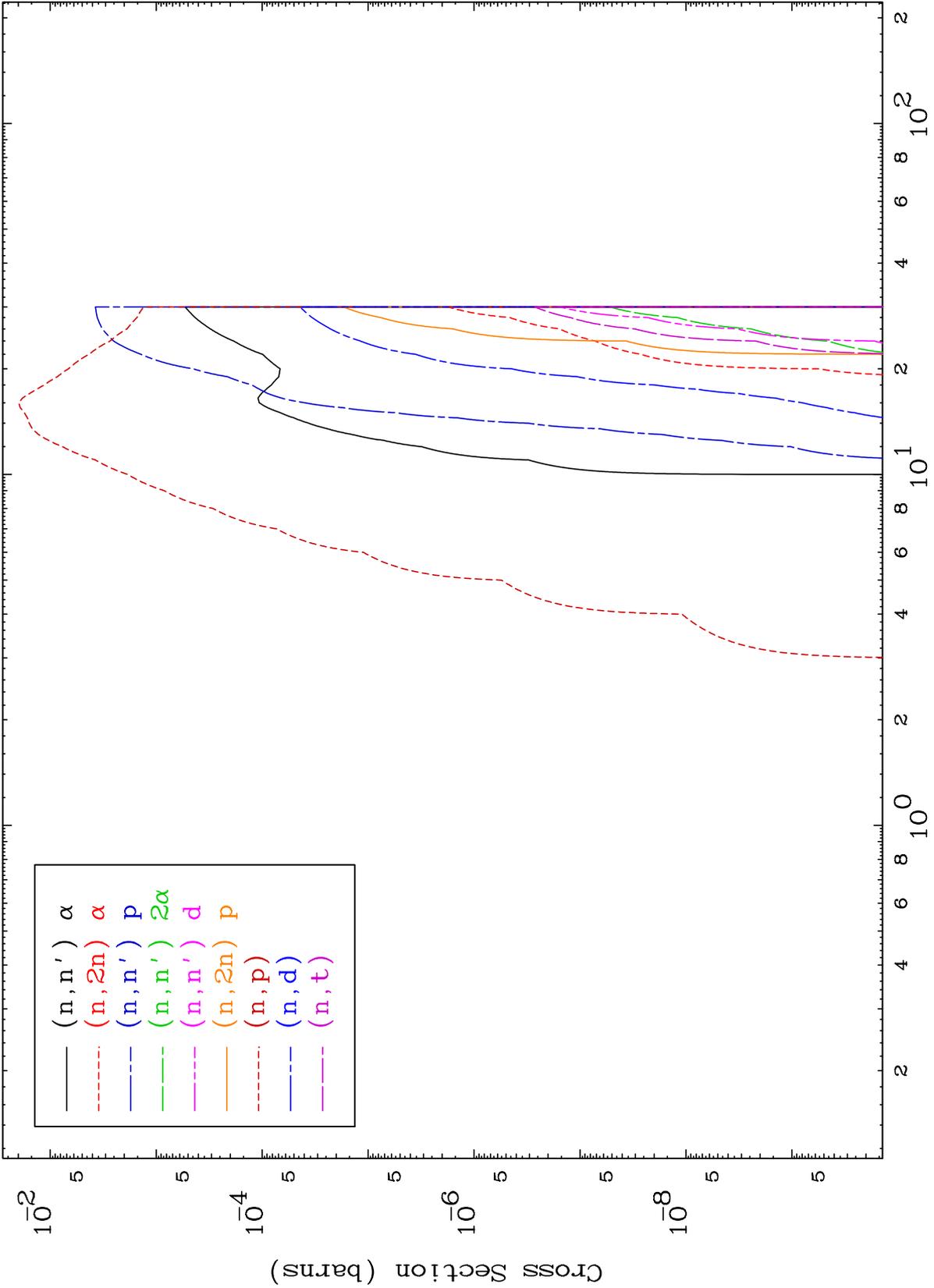
83-Bi-192m



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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-192m



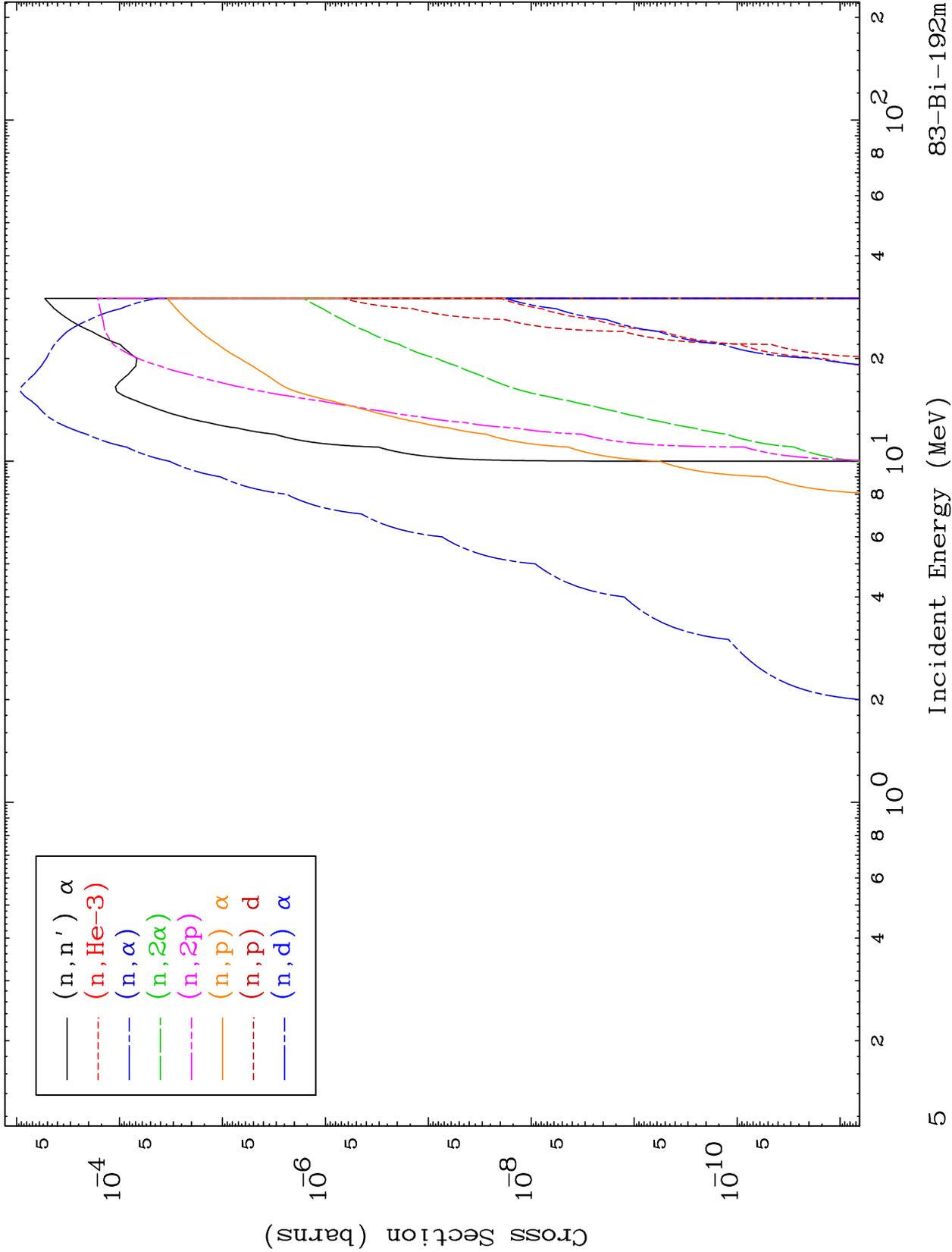
Incident Energy (MeV)

83-Bi-192m

MAT 8275

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-192m

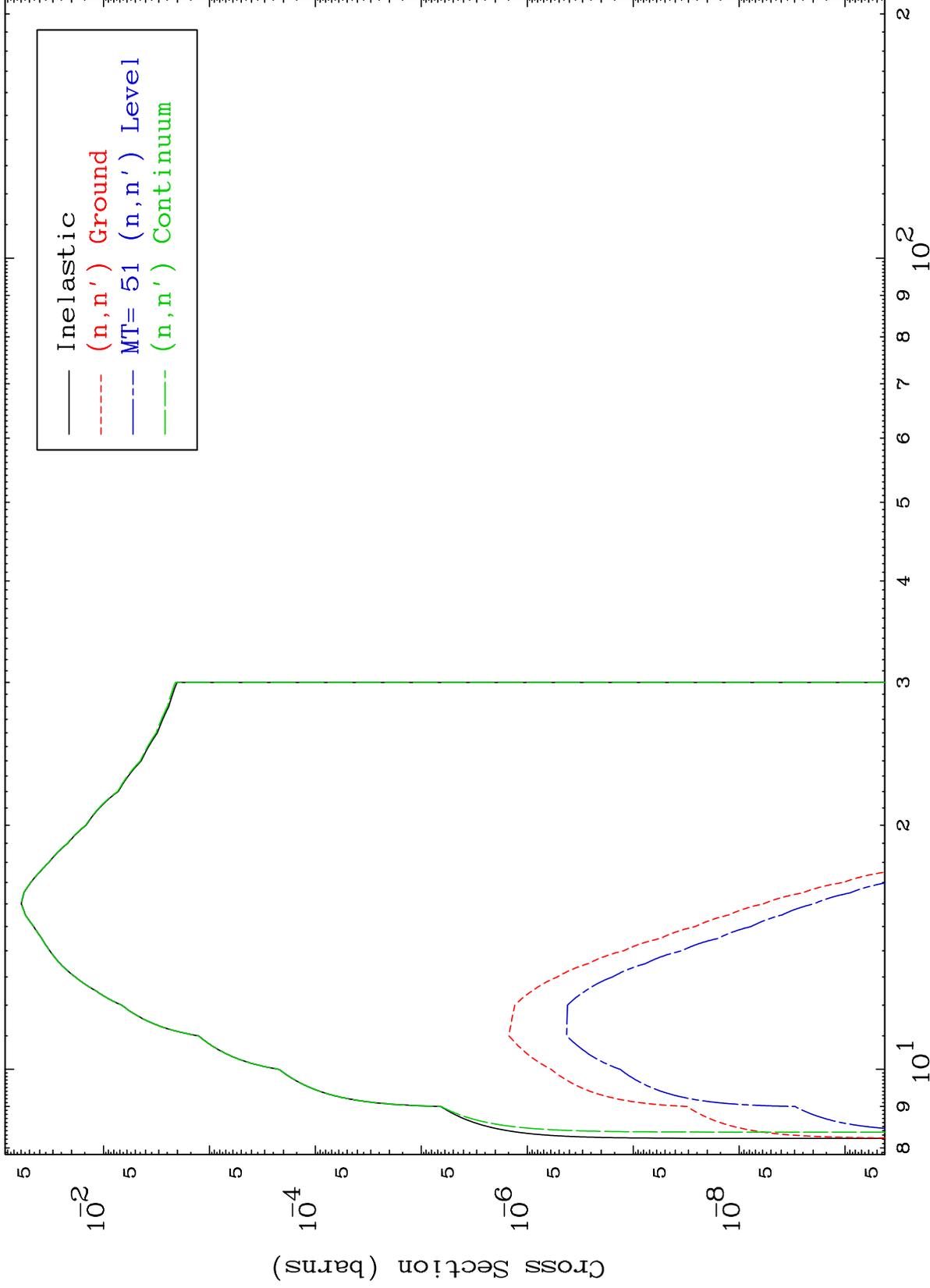


MAT 8275

(γ, n') Levels

83-Bi-192m

0 Kelvin Cross Sections



Incident Energy (MeV)

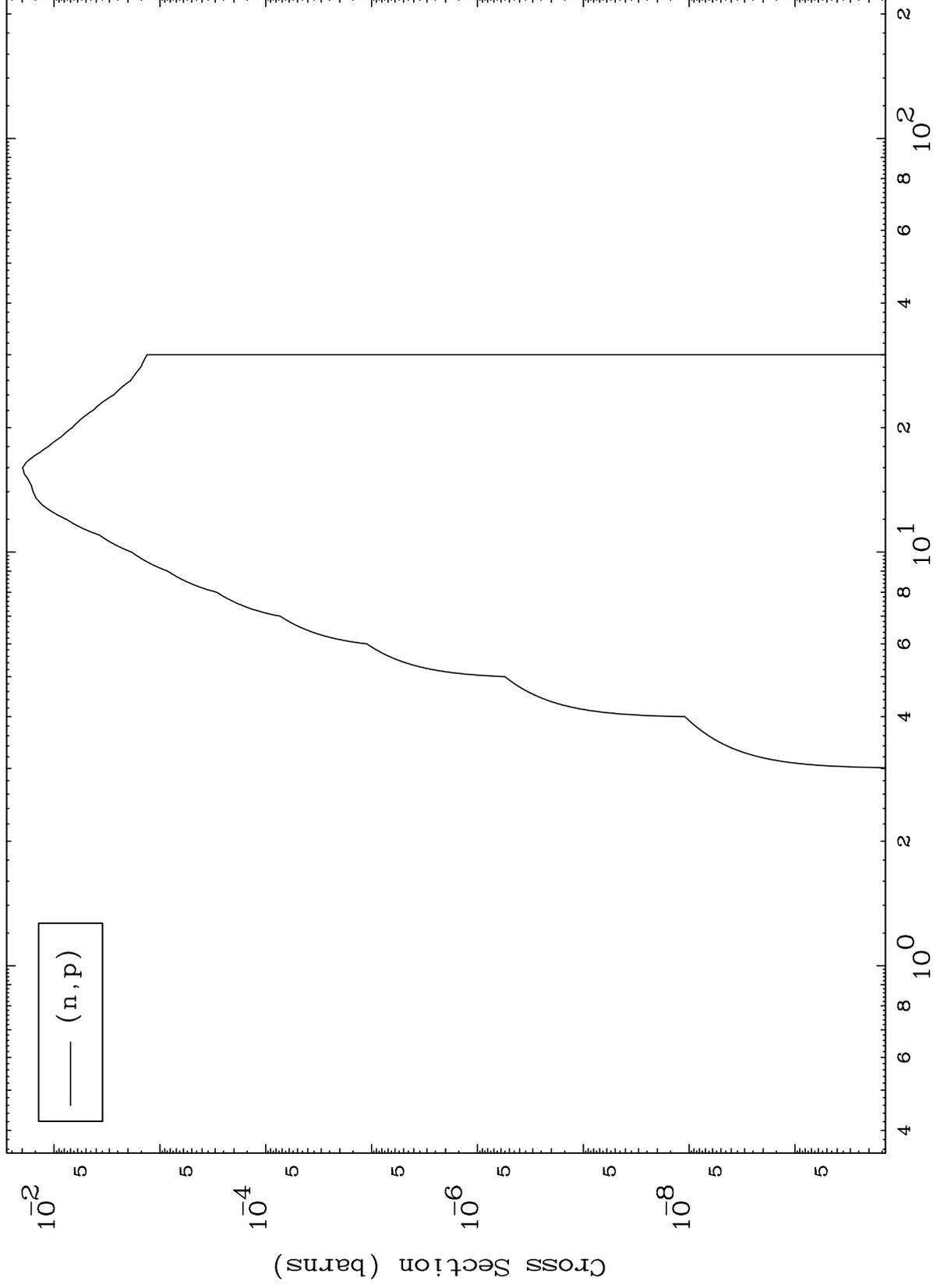
83-Bi-192m

6

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(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-192m



7

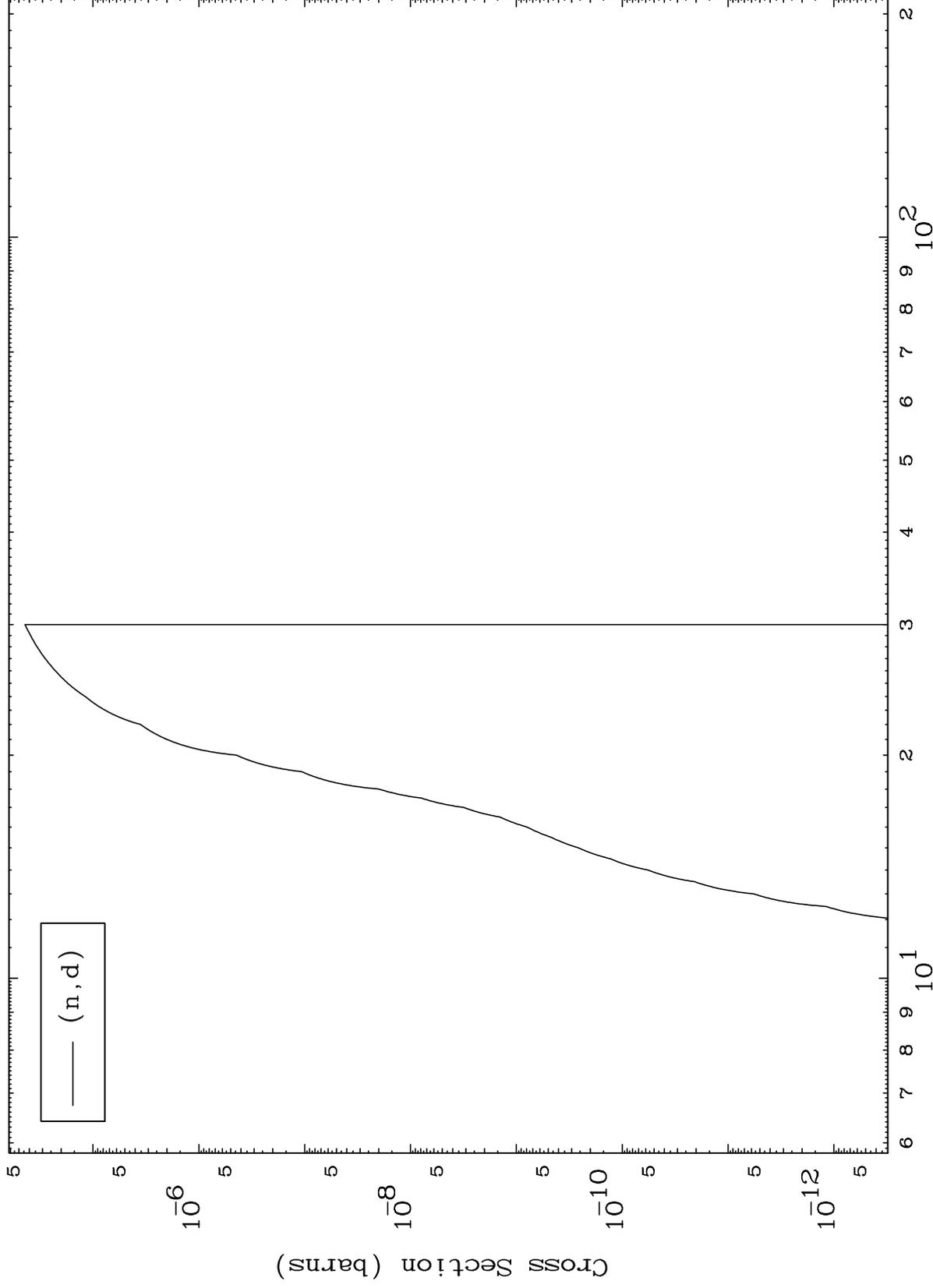
Incident Energy (MeV)

83-Bi-192m

MAT 8275

(γ, d) Levels
0 Kelvin Cross Sections

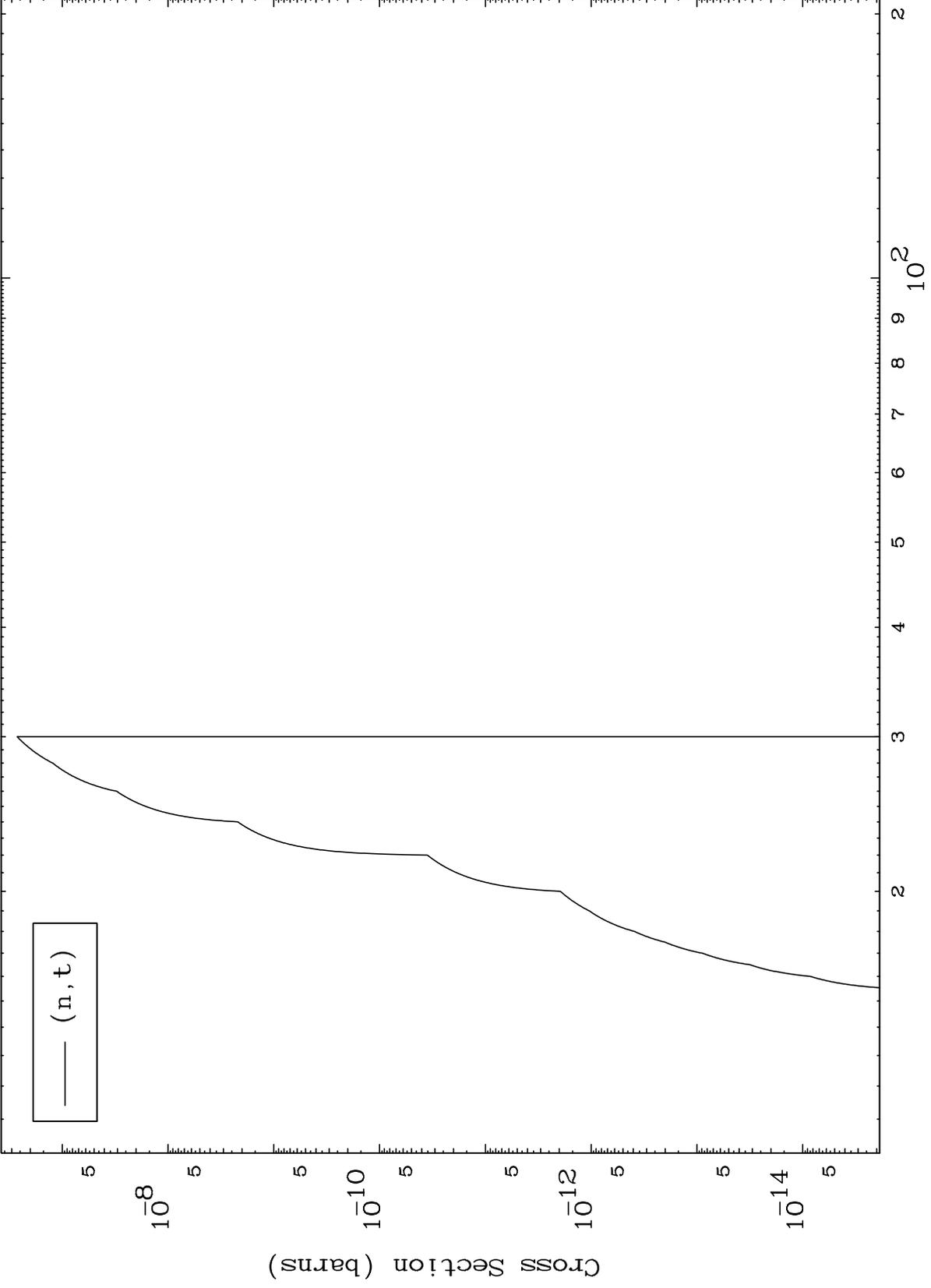
83-Bi-192m



8

Incident Energy (MeV)

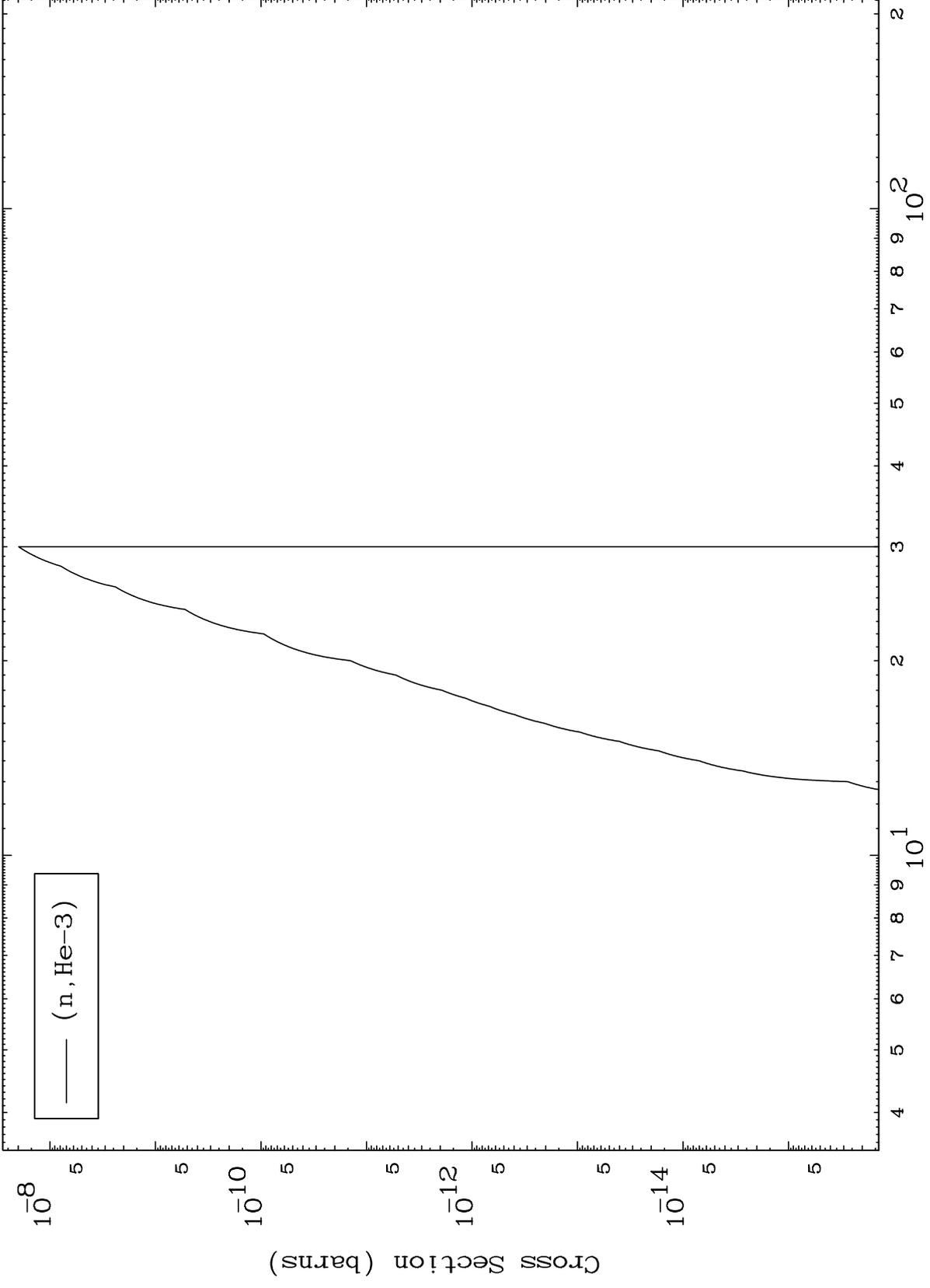
83-Bi-192m



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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

83-Bi-192m



10

Incident Energy (MeV)

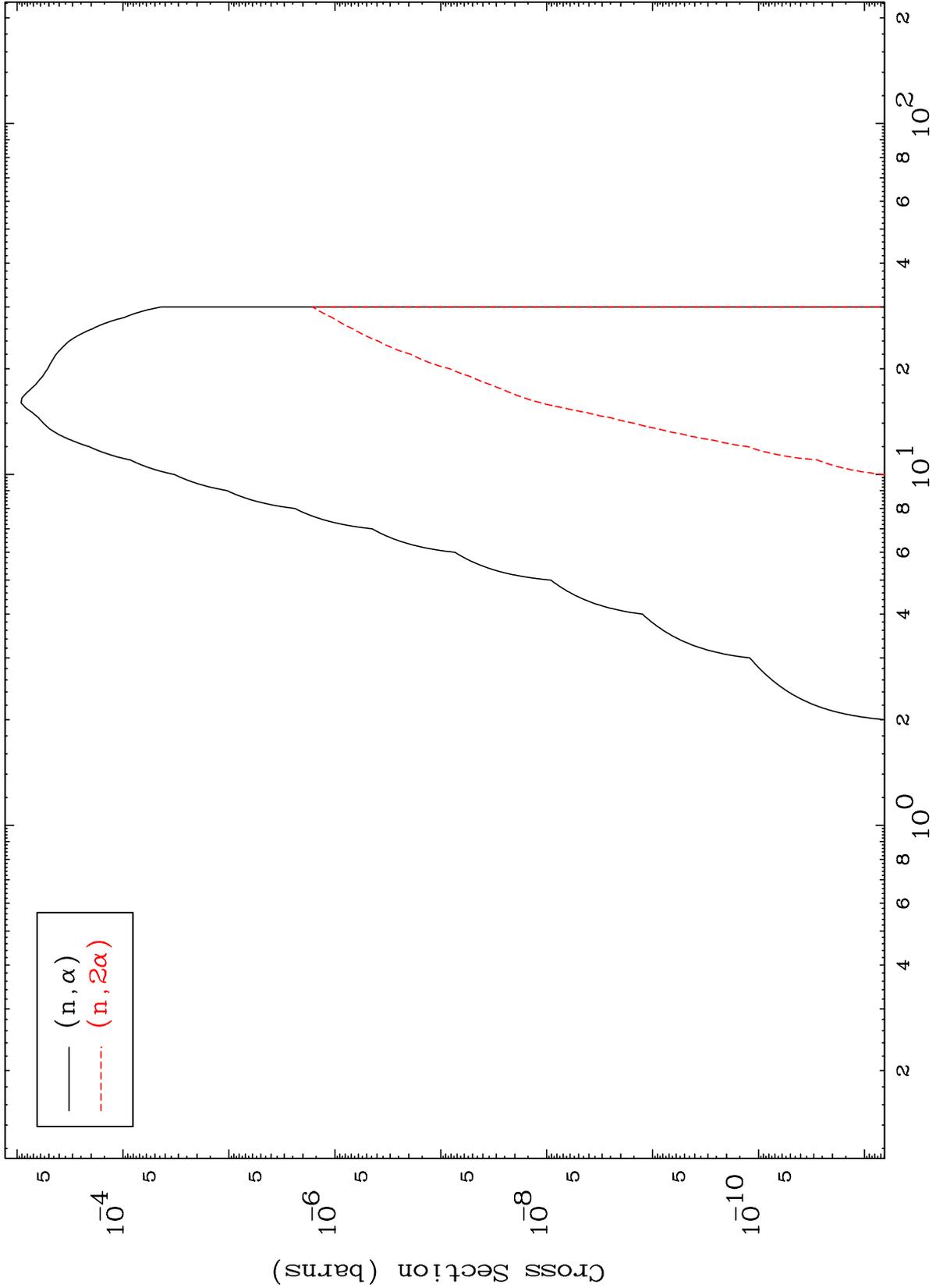
83-Bi-192m

MAT 8275

(γ, α) Levels

$^{83}\text{Bi}-192\text{m}$

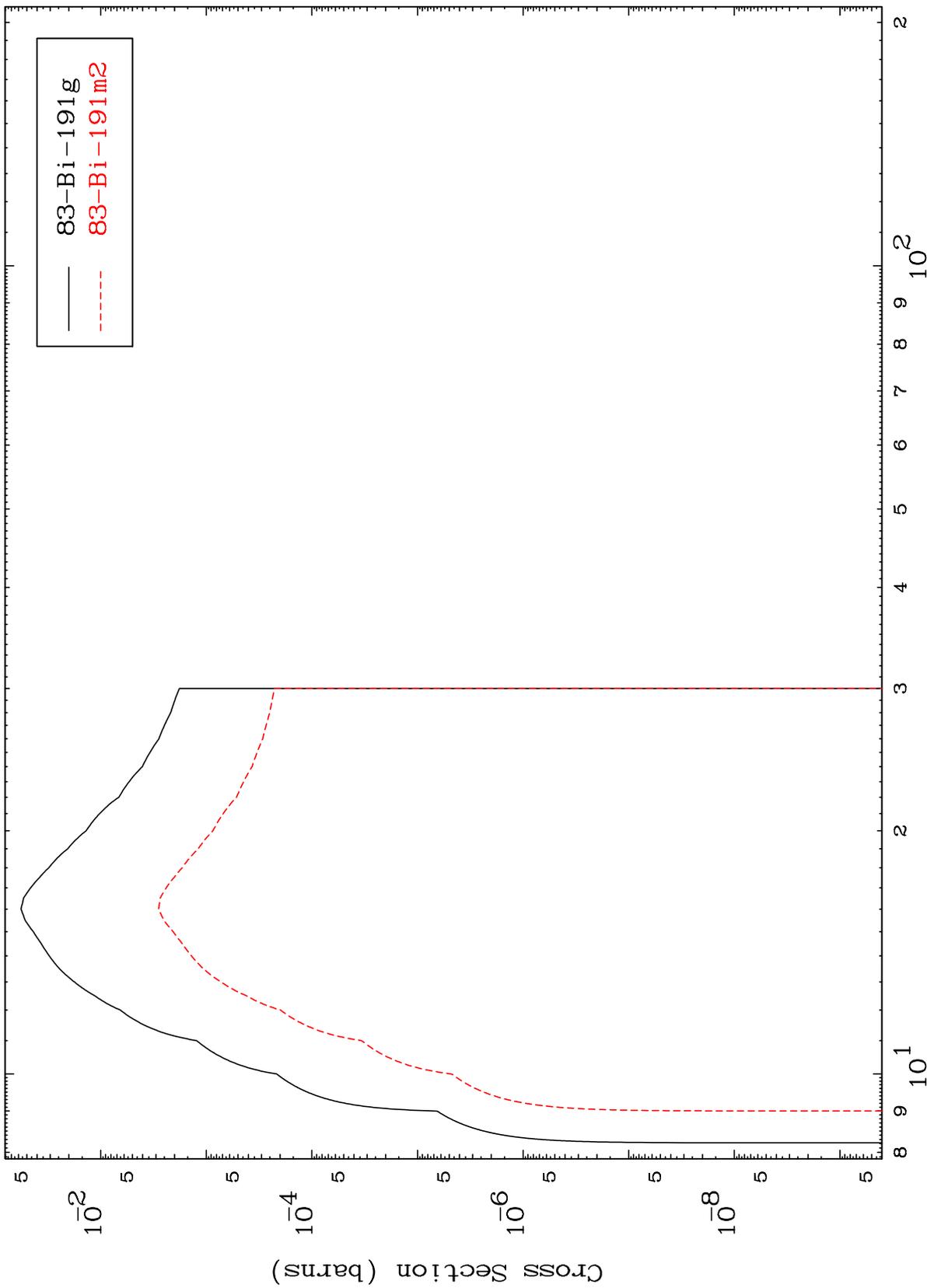
0 Kelvin Cross Sections



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83-Bi-192m

Inelastic
Radionuclide Production Cross Section



83-Bi-192m

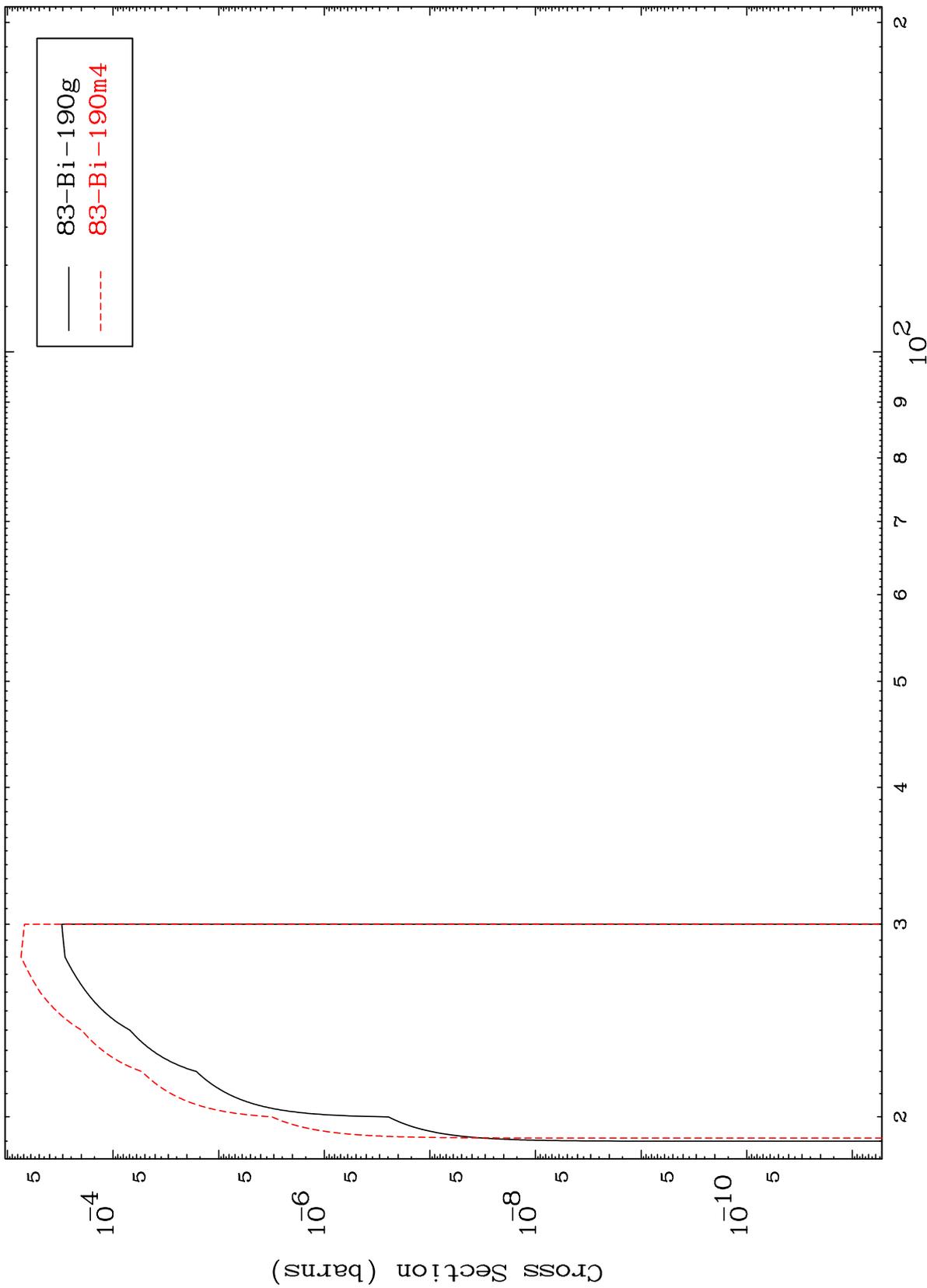
Incident Energy (MeV)

12

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83-Bi-192m

(n,2n)
Radionuclide Production Cross Section



13

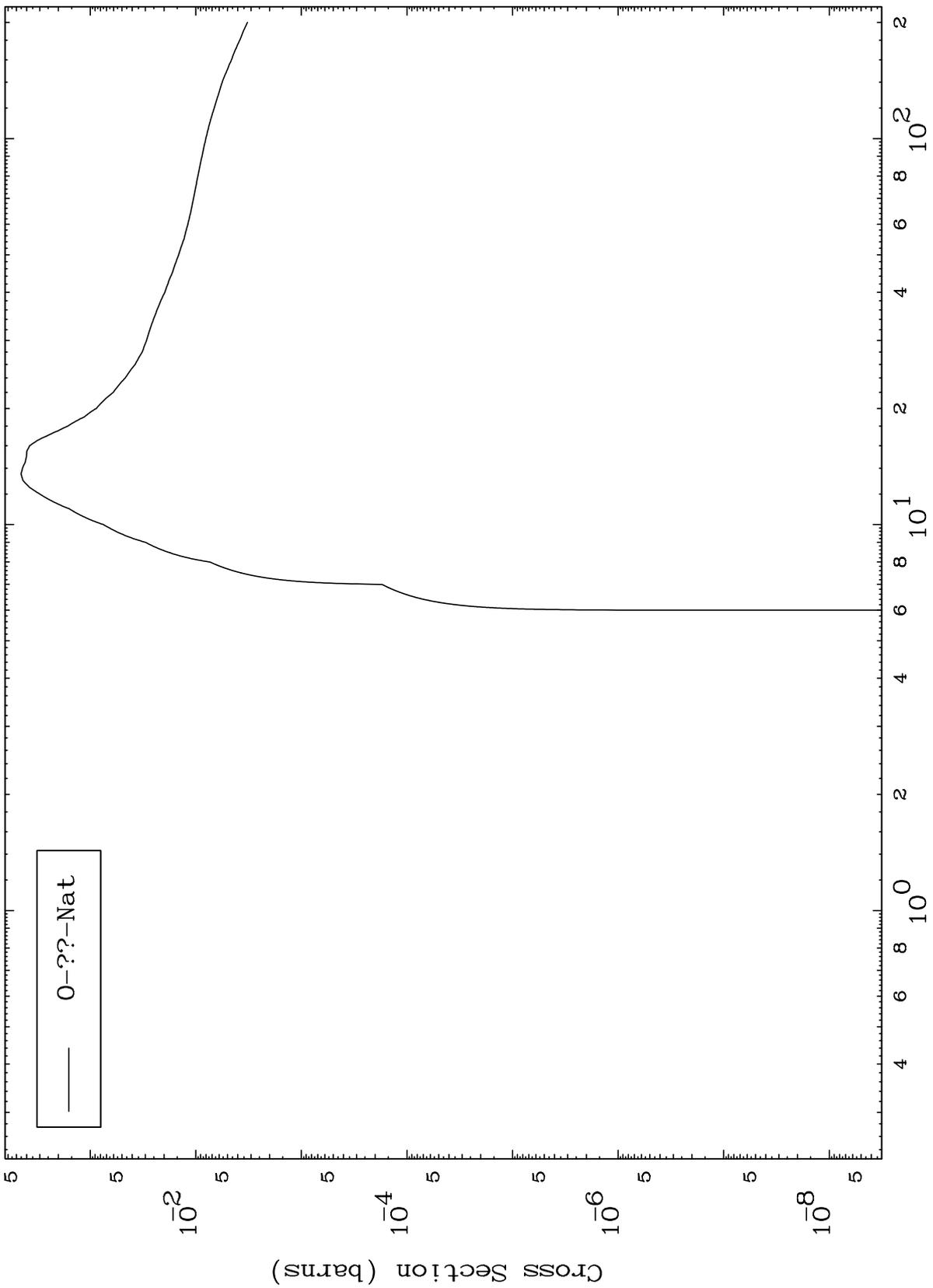
Incident Energy (MeV)

83-Bi-192m

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83-Bi-192m

Fission
Radionuclide Production Cross Section



83-Bi-192m

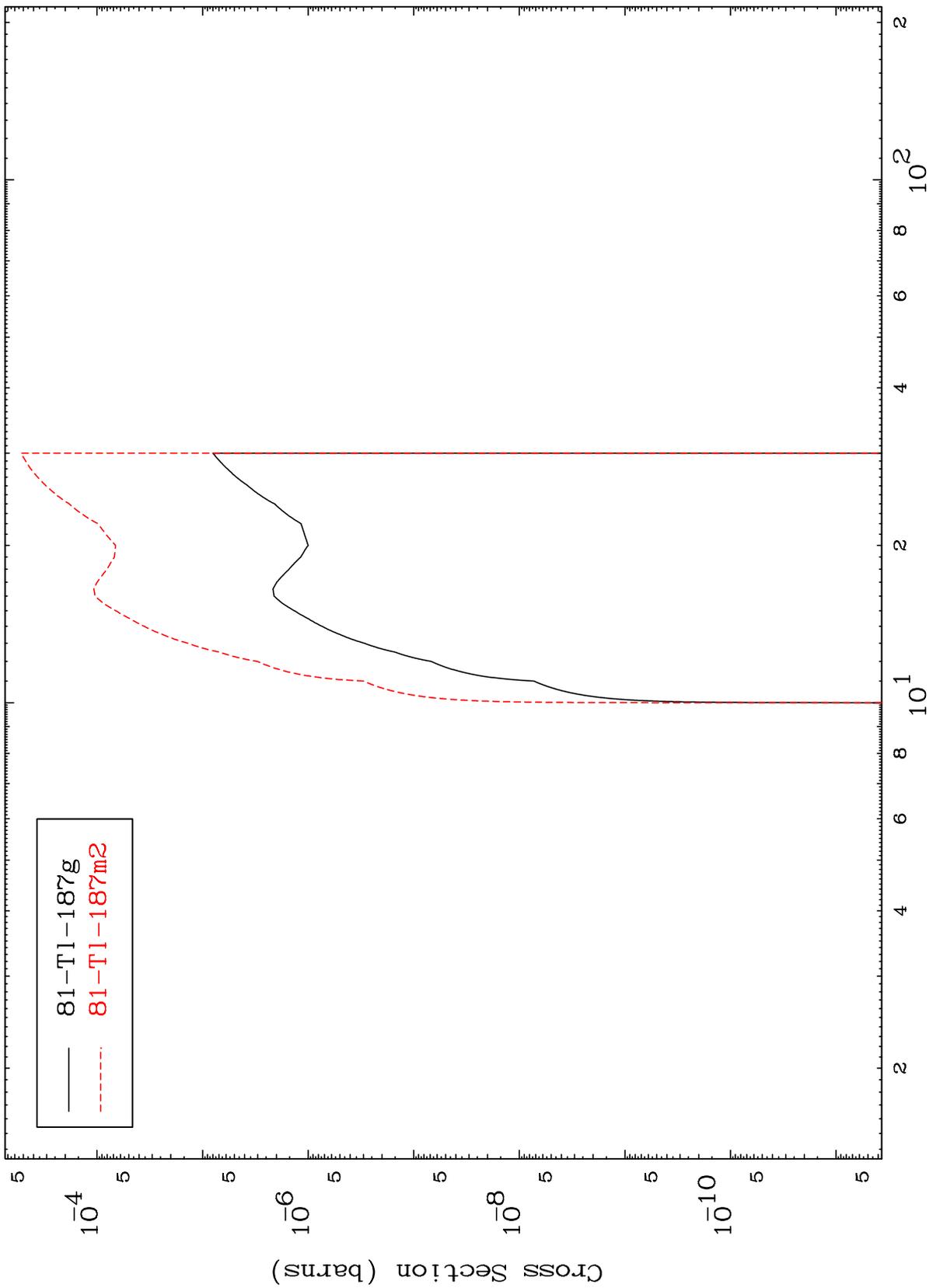
Incident Energy (MeV)

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83-Bi-192m

(n,n') α

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

15

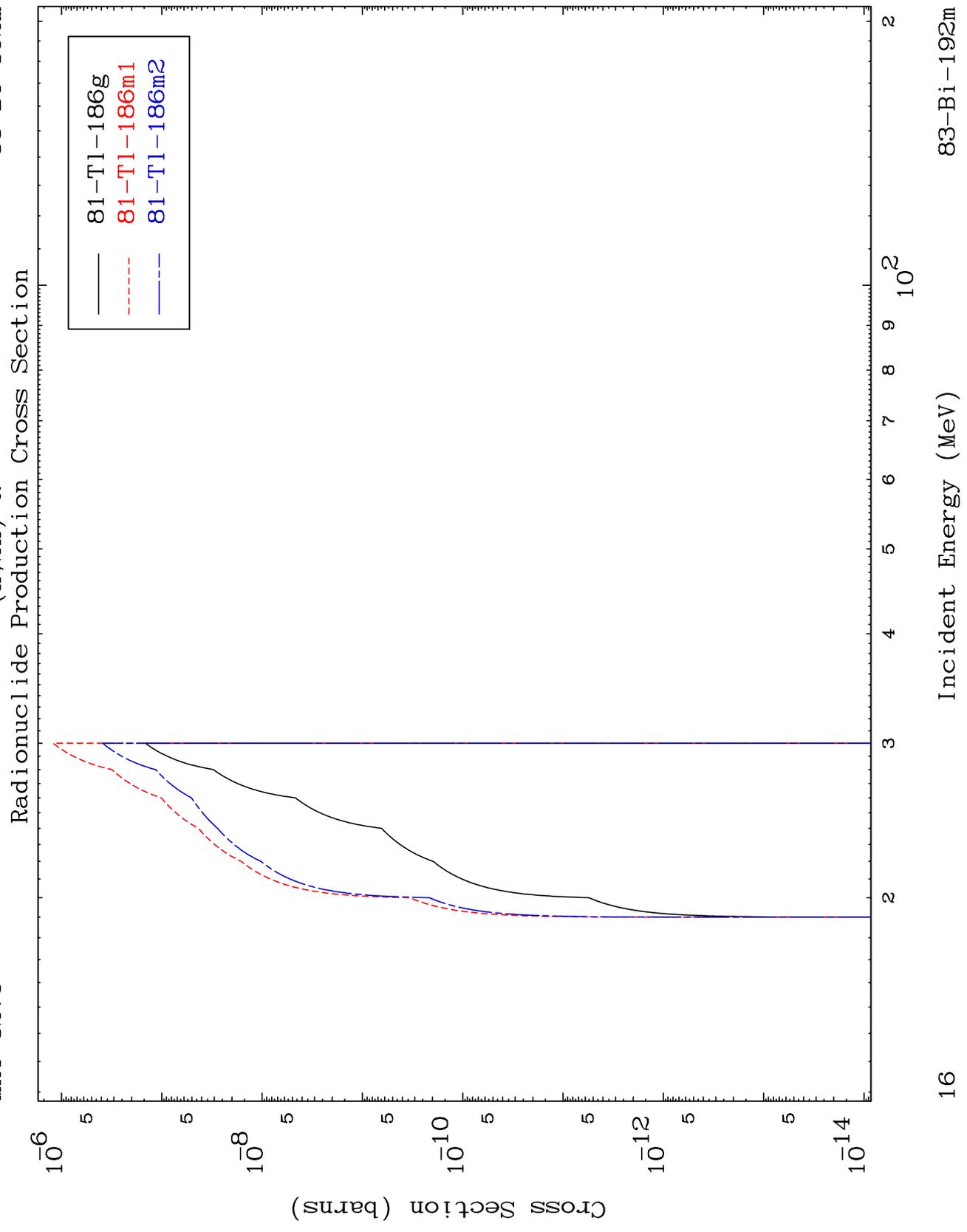
Incident Energy (MeV)

83-Bi-192m

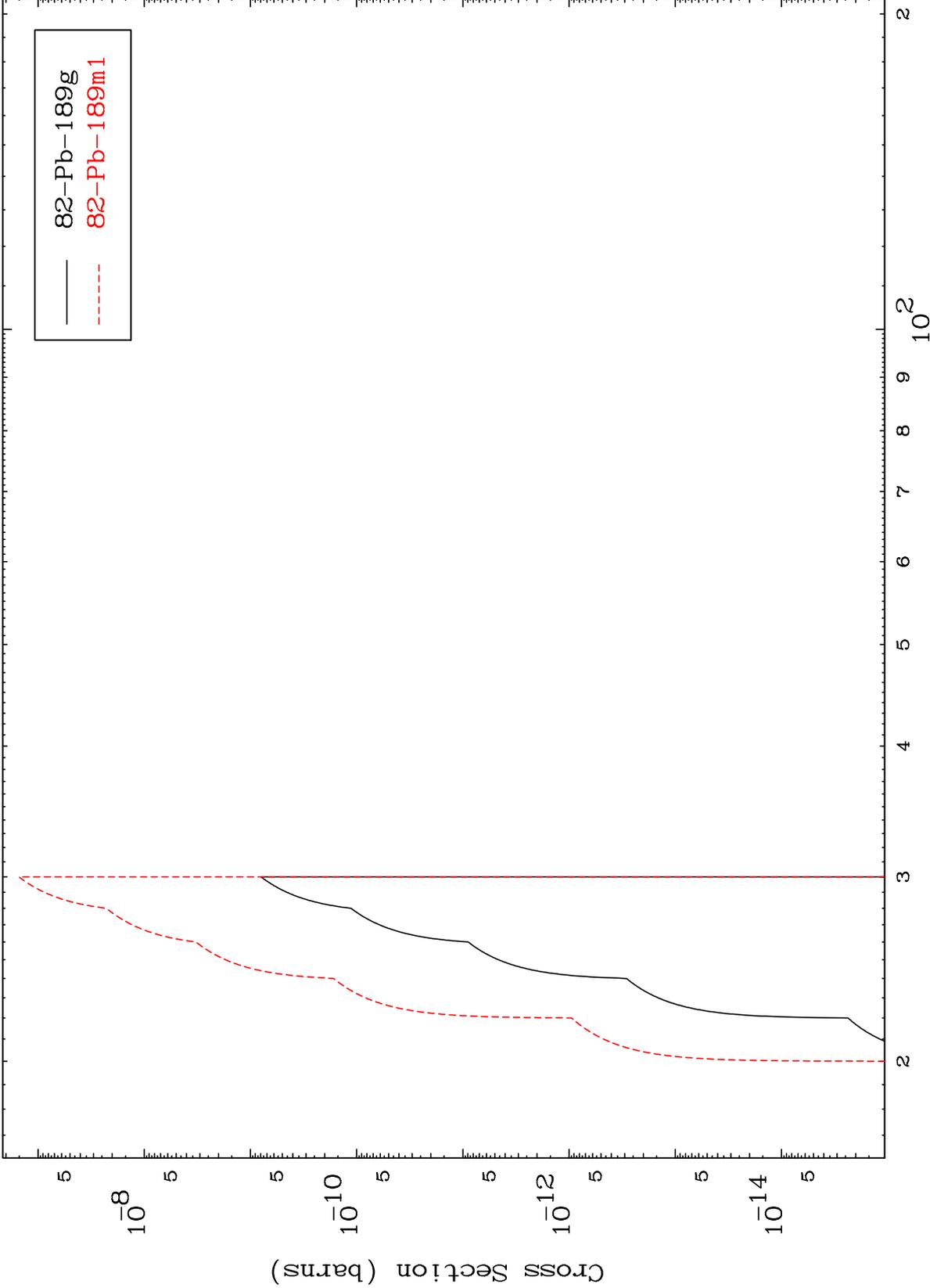
MAT 8275

(n,2n) α

83-Bi-192m



Radionuclide Production Cross Section

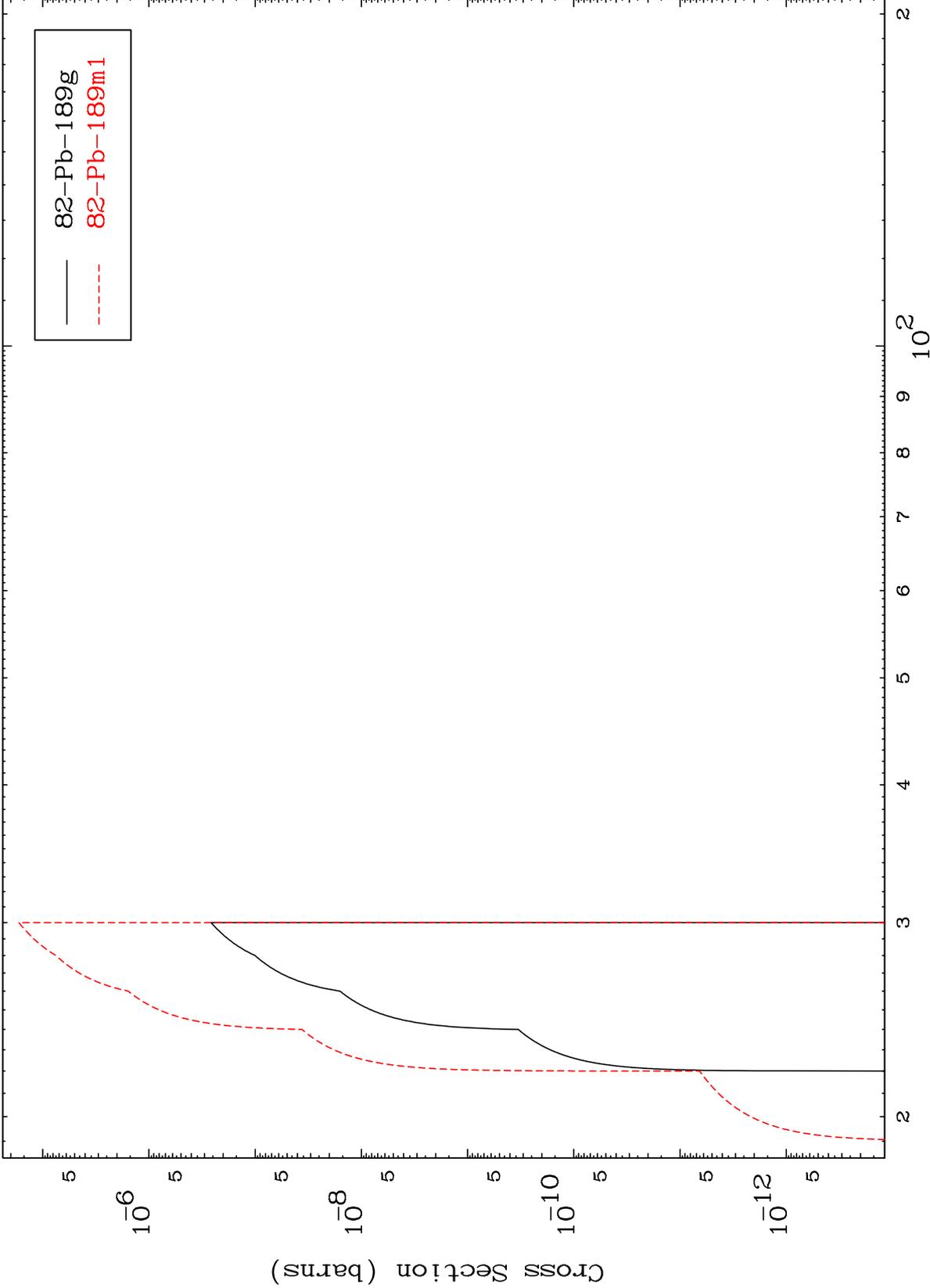


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(n,2n) p

83-Bi-192m

Radionuclide Production Cross Section



82-Pb-189g
82-Pb-189m1

18

Incident Energy (MeV)

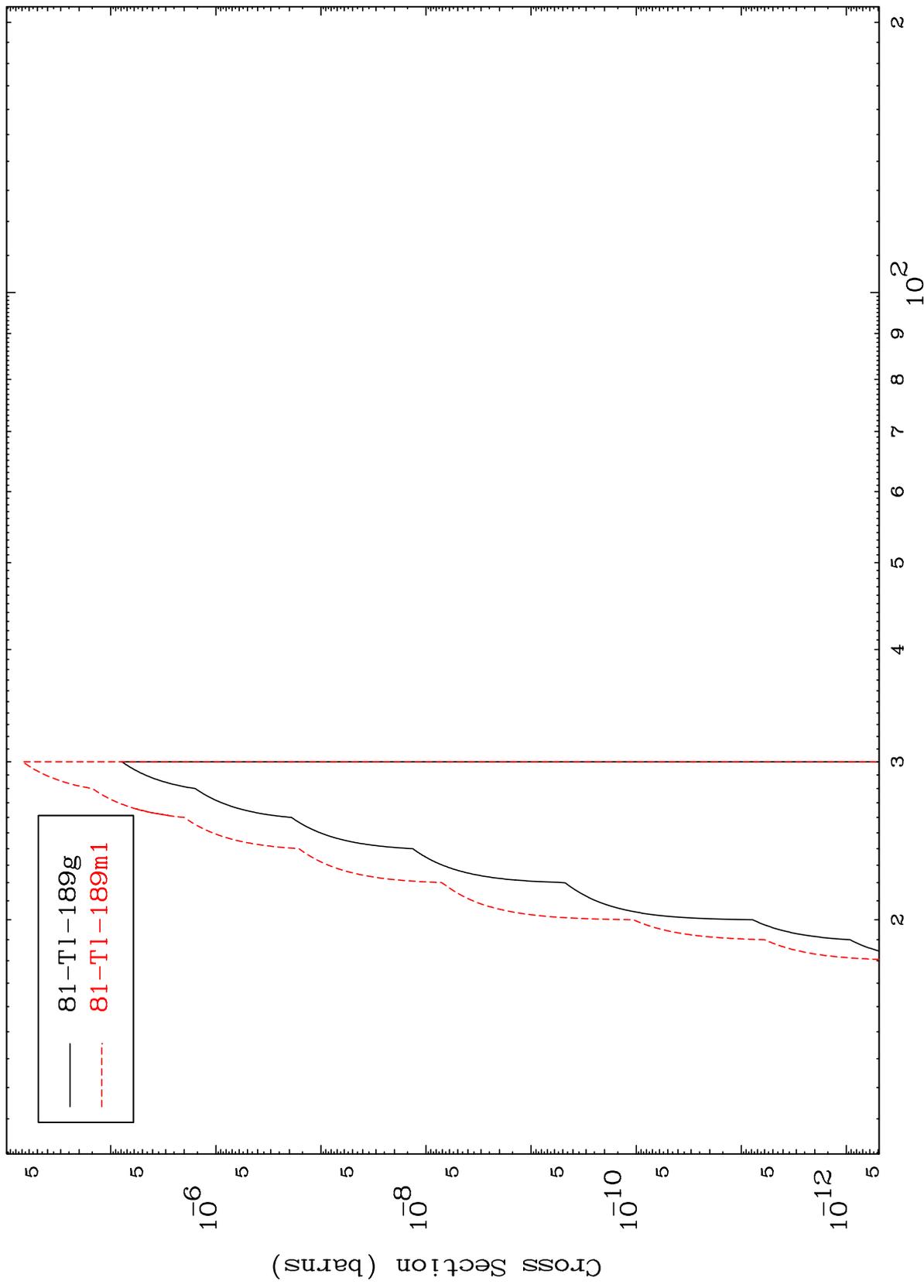
83-Bi-192m

MAT 8275

(n,2n) p

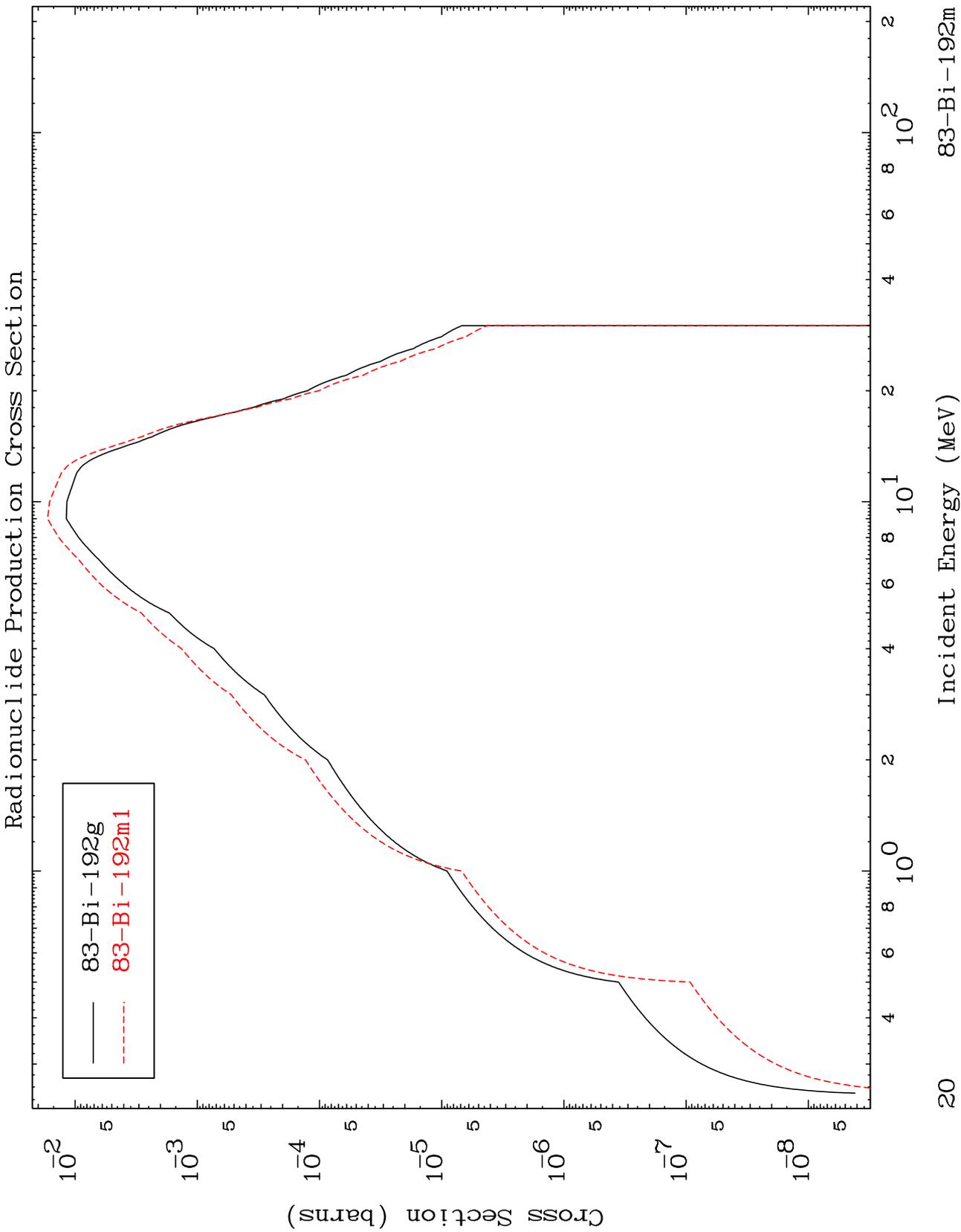
83-Bi-192m

Radionuclide Production Cross Section



MAT 8275

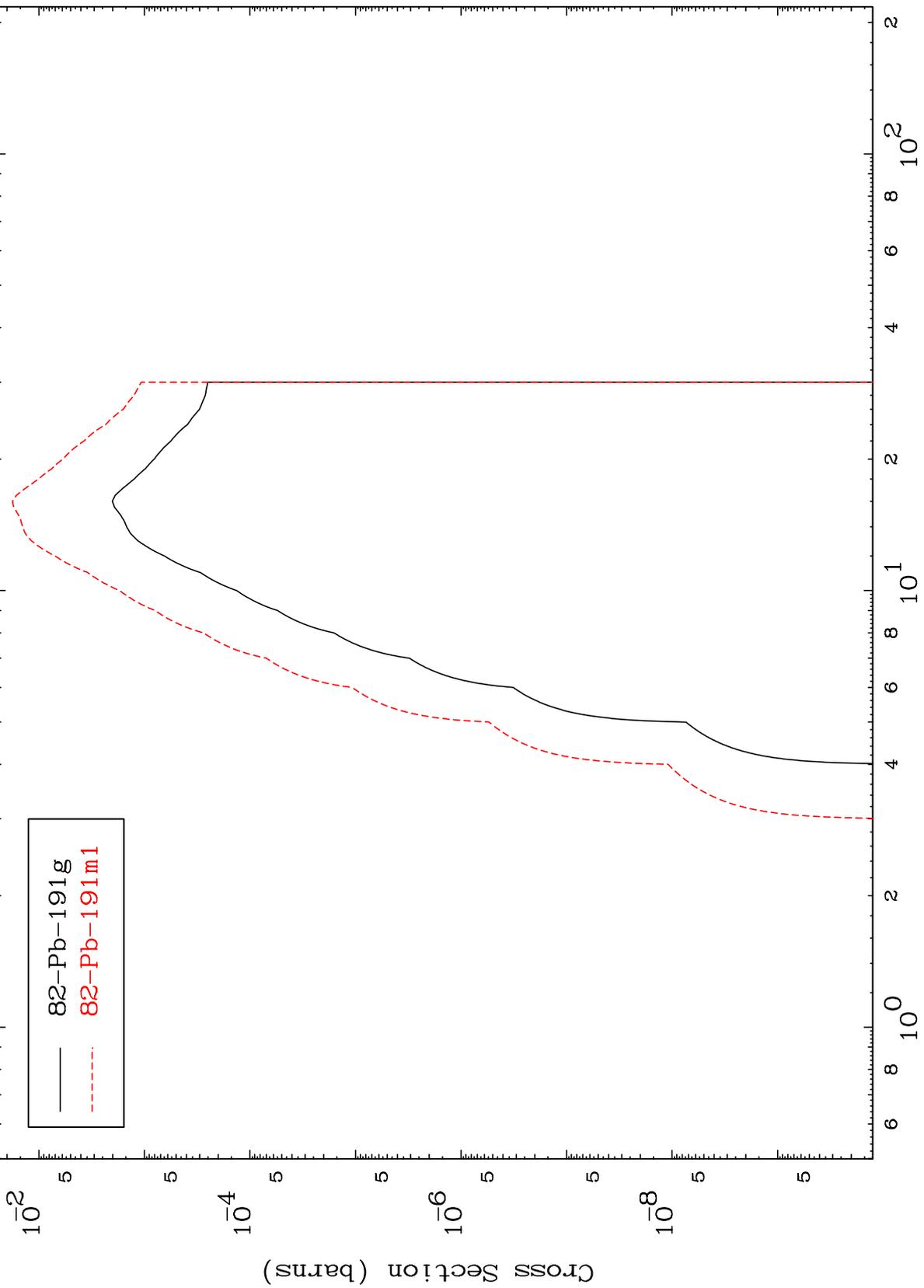
⁸³Bi-192m



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83-Bi-192m

(n,p)
Radionuclide Production Cross Section

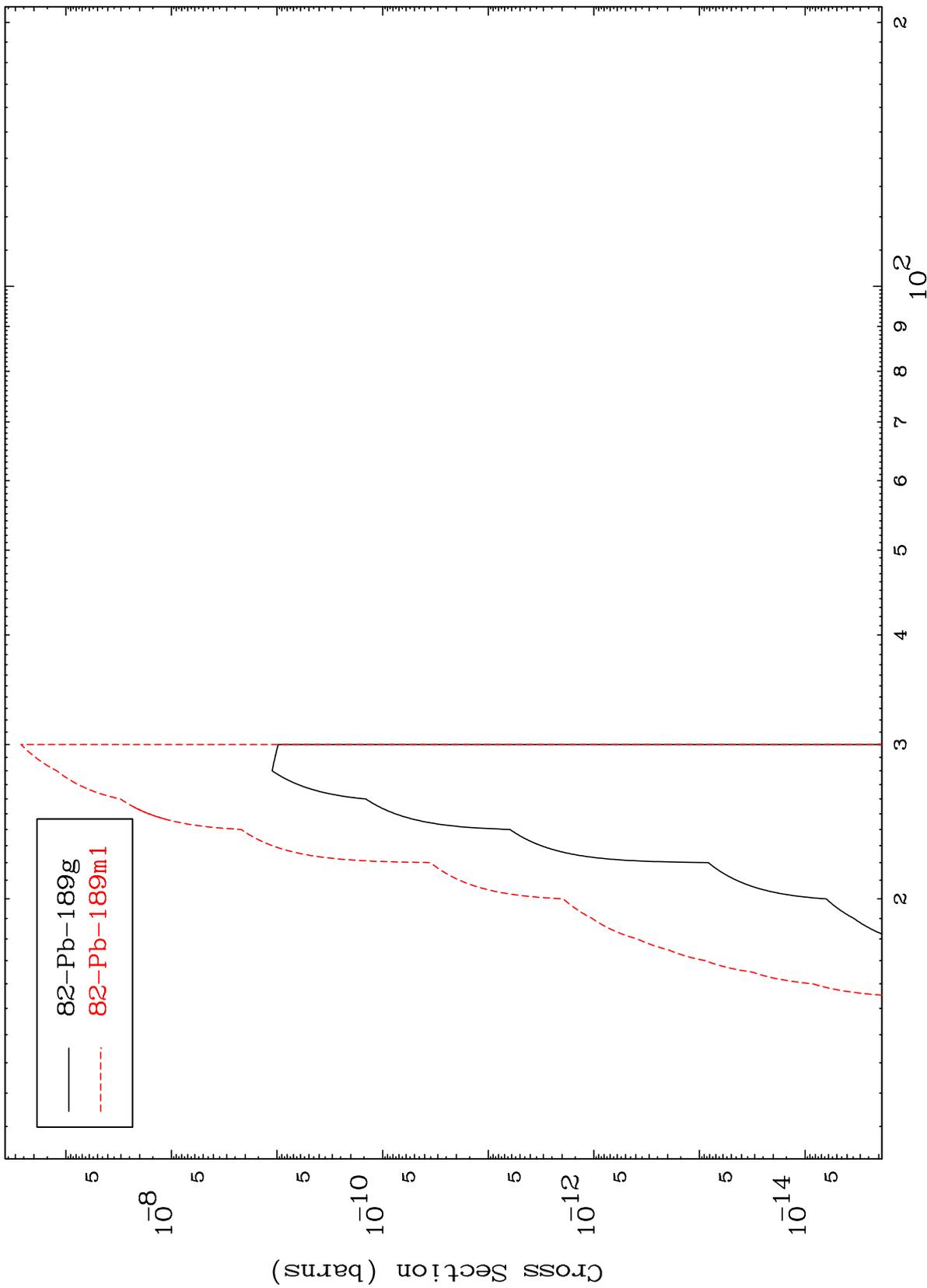


— 82-Pb-191g
- - - 82-Pb-191m1

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83-Bi-192m

(n,t)
Radionuclide Production Cross Section



22

83-Bi-192m

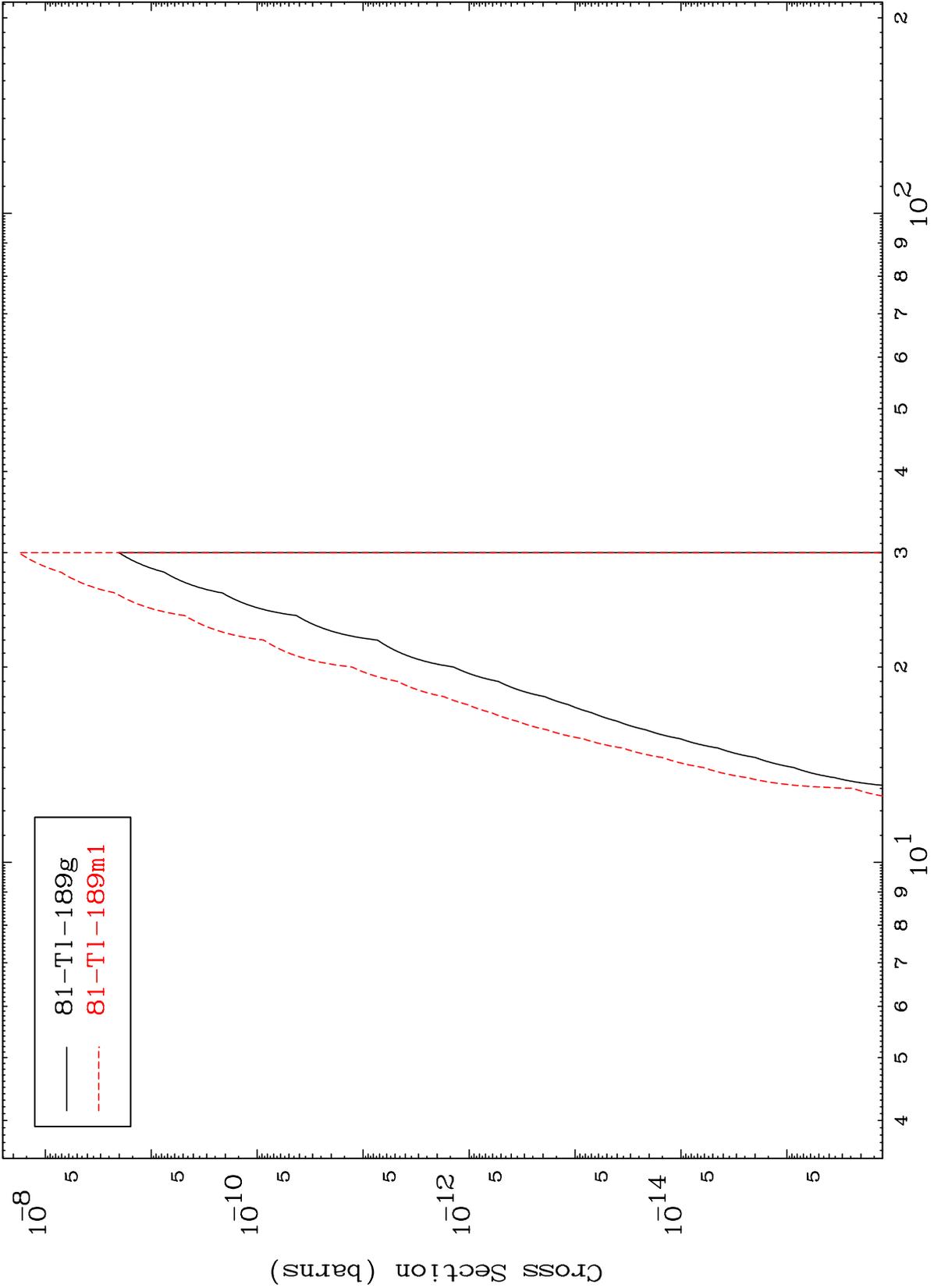
Incident Energy (MeV)

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(n,He-3)

83-Bi-192m

Radionuclide Production Cross Section



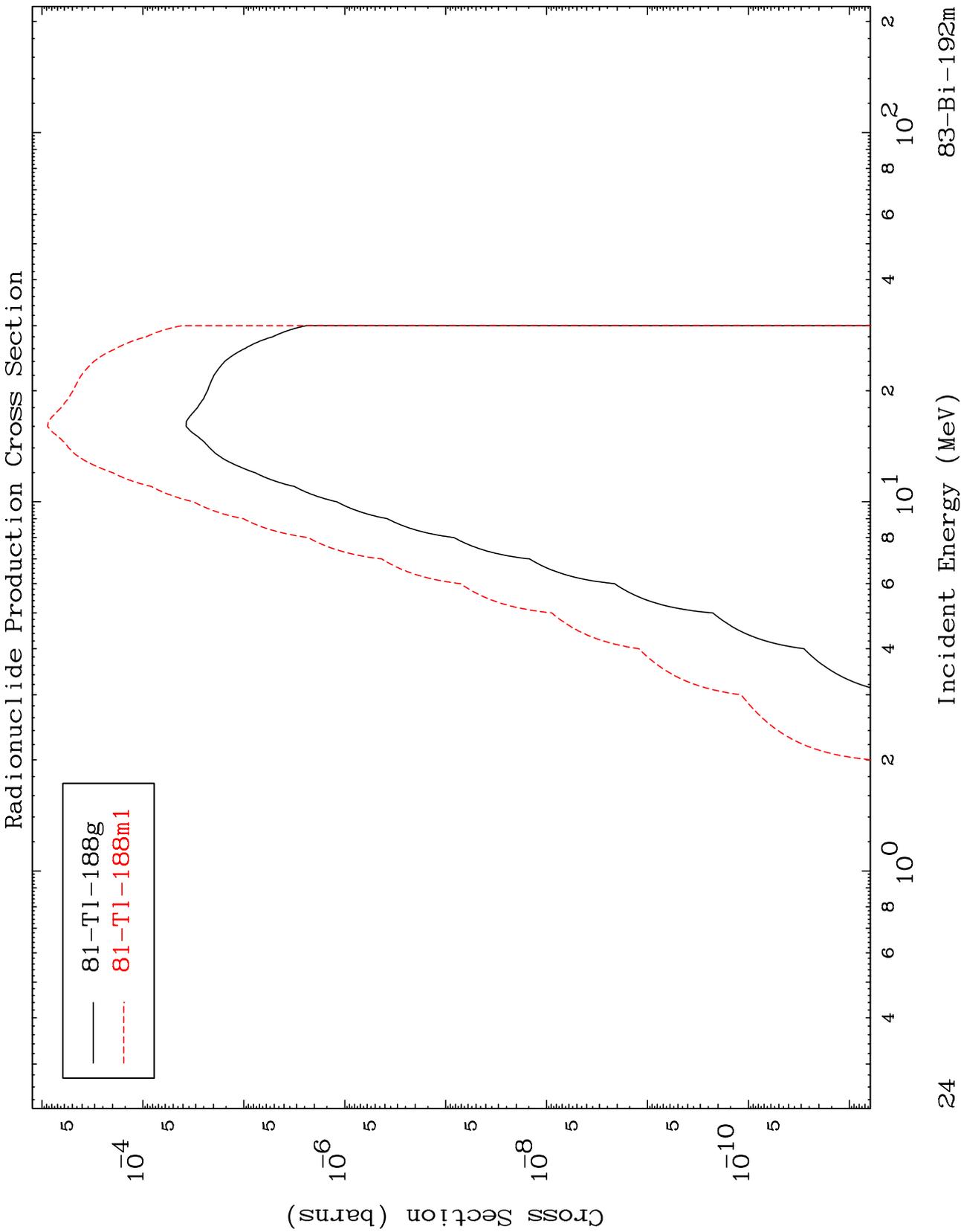
23

Incident Energy (MeV)

83-Bi-192m

MAT 8275

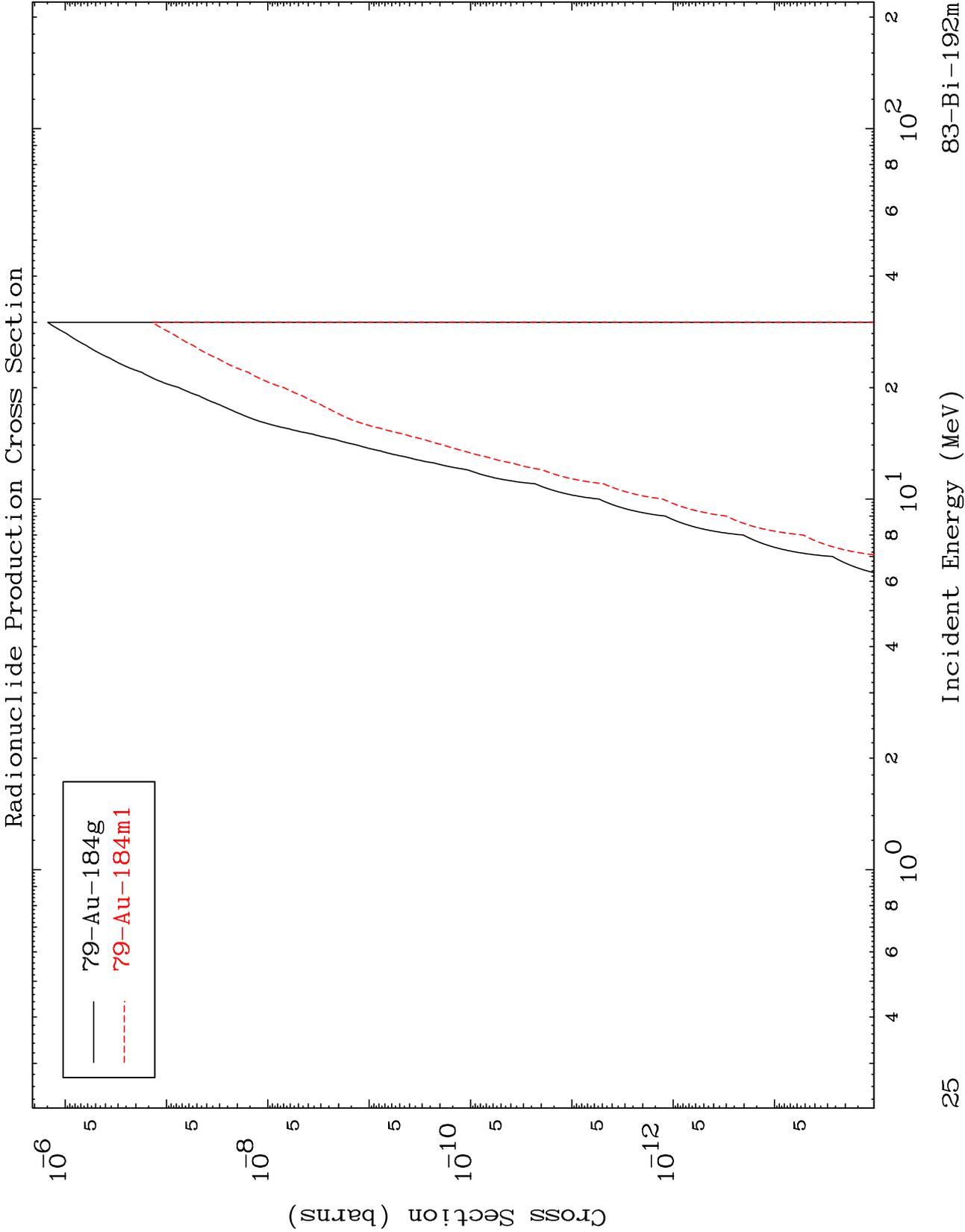
83-Bi-192m



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(n,2 α)

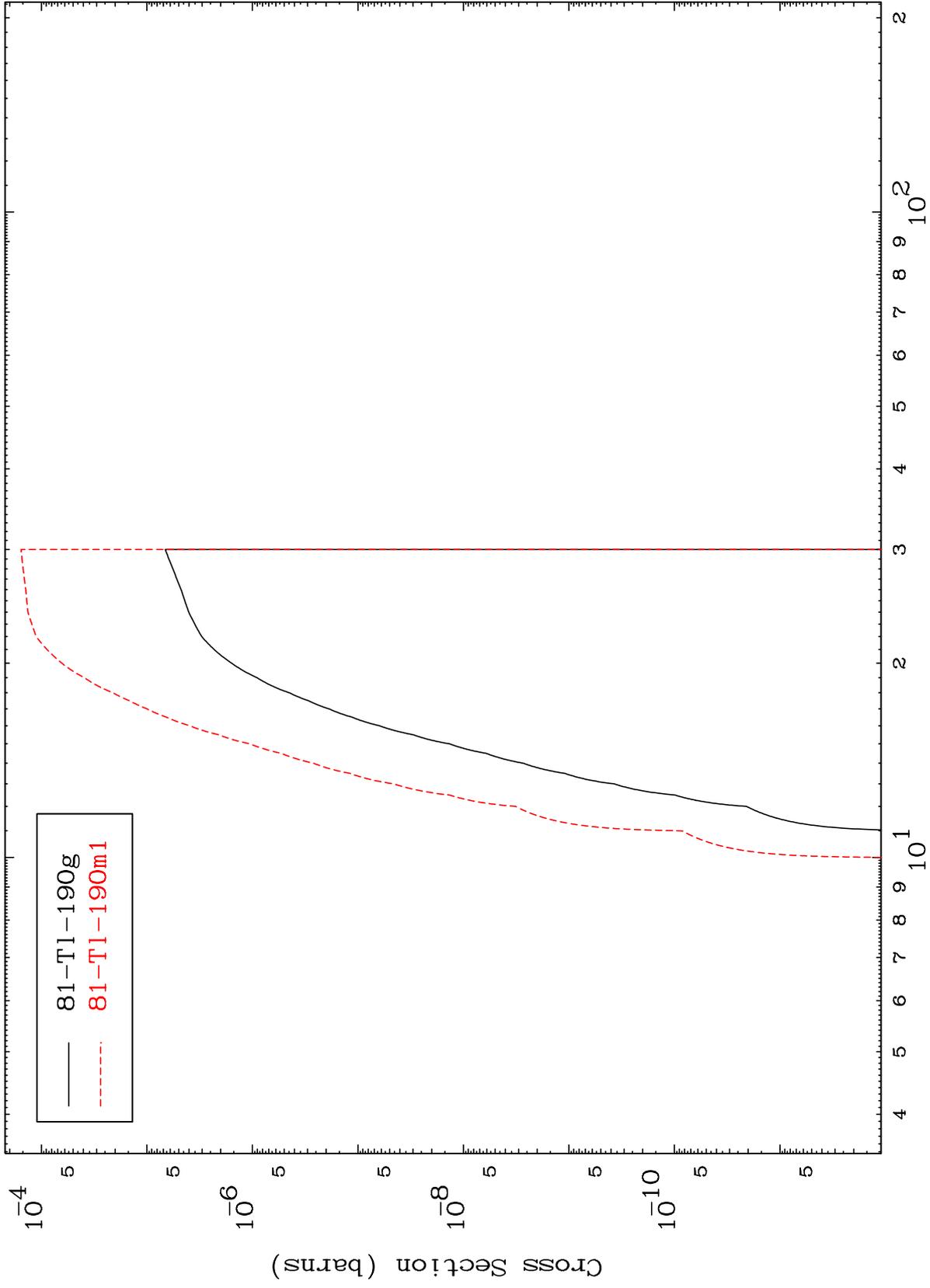
83-Bi-192m



MAT 8275

83-Bi-192m

(n,2p)
Radionuclide Production Cross Section



83-Bi-192m

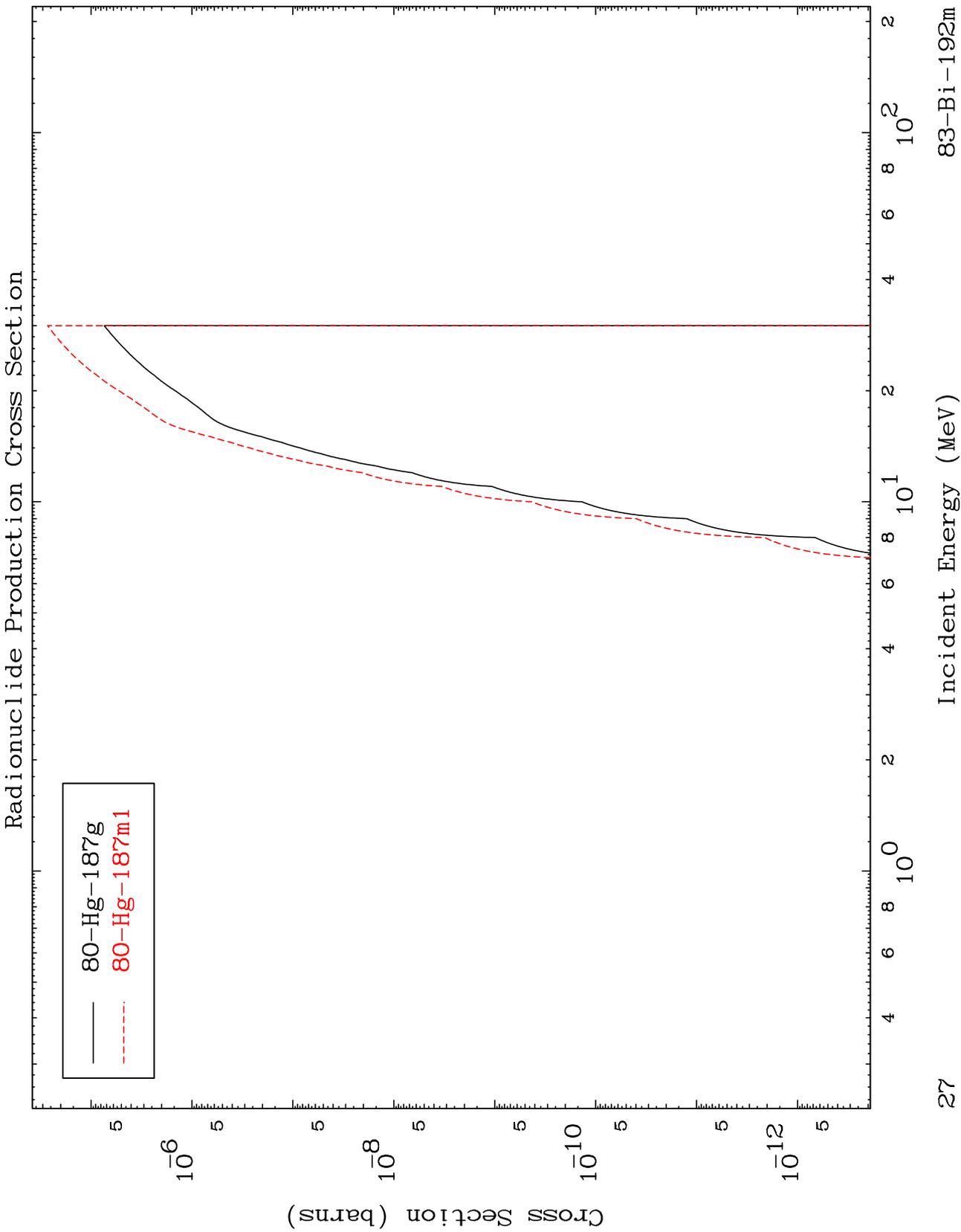
Incident Energy (MeV)

26

MAT 8275

(n,p) α

$^{83}\text{Bi}-192\text{m}$

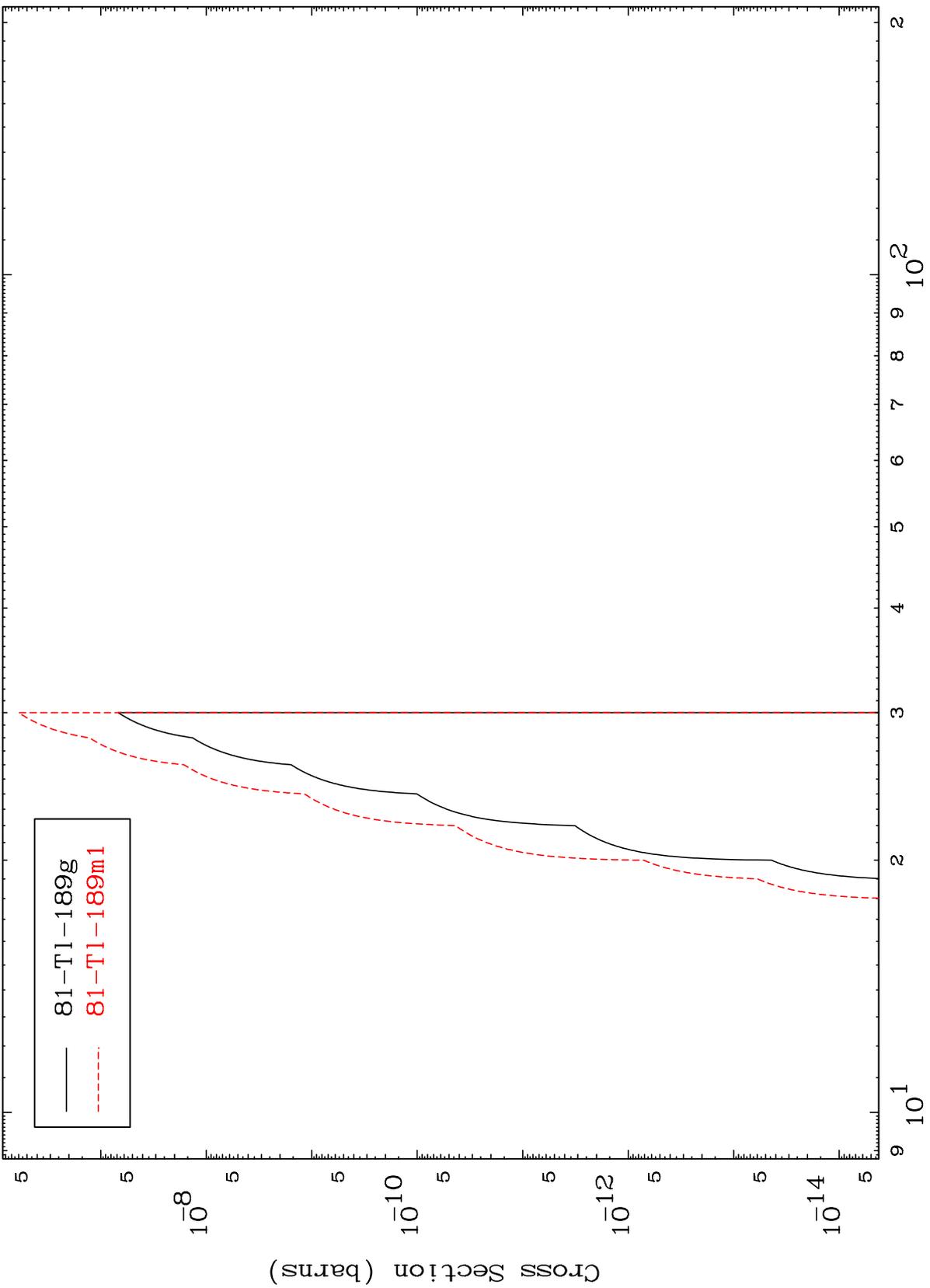


MAT 8275

(n,p) d

83-Bi-192m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

83-Bi-192m