

Program EVALPLOT
(Version 2021-1)

by

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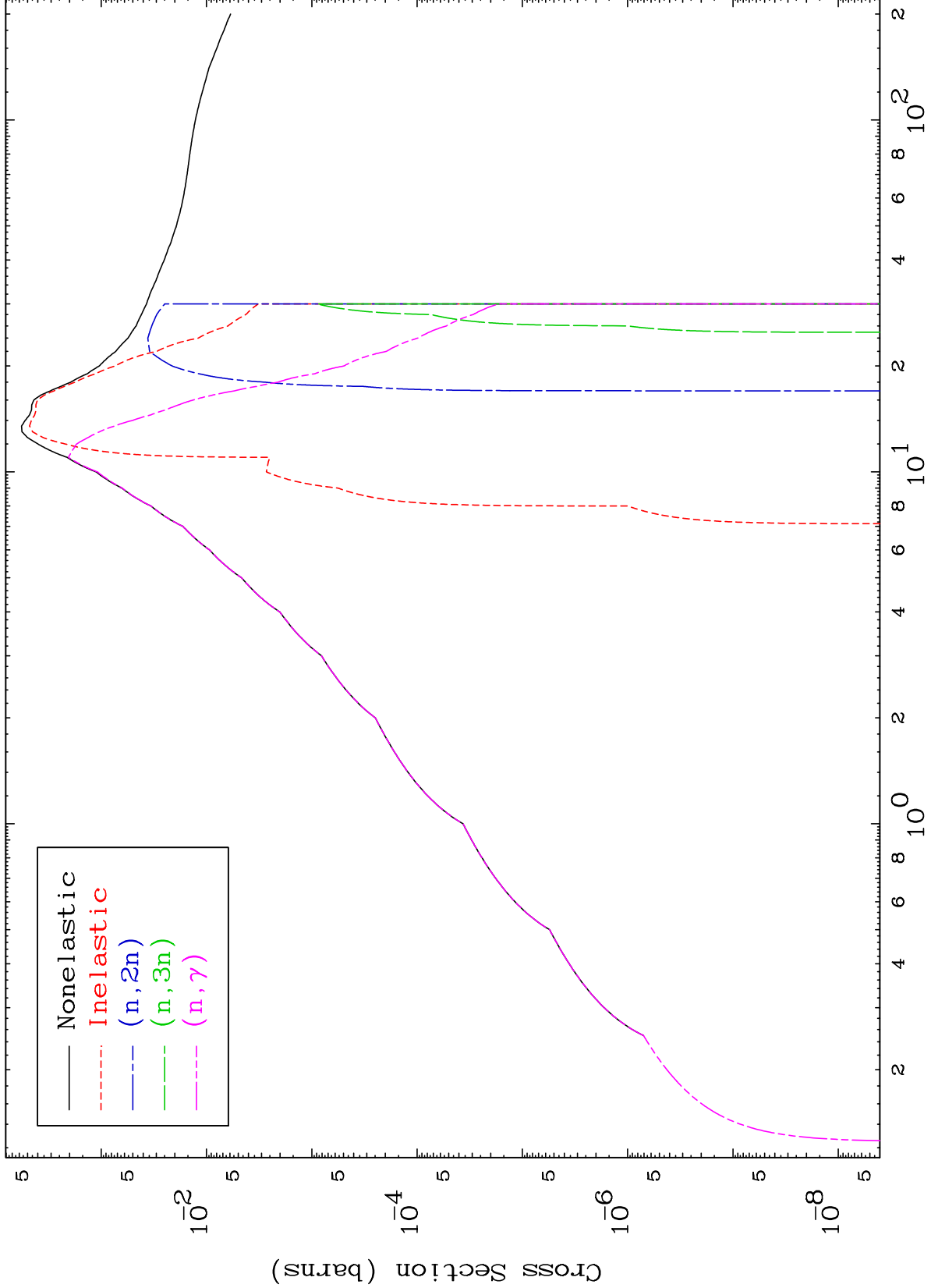
Press Mouse Button to Start

MAT 8294

Photon Major

83-Bi-198n

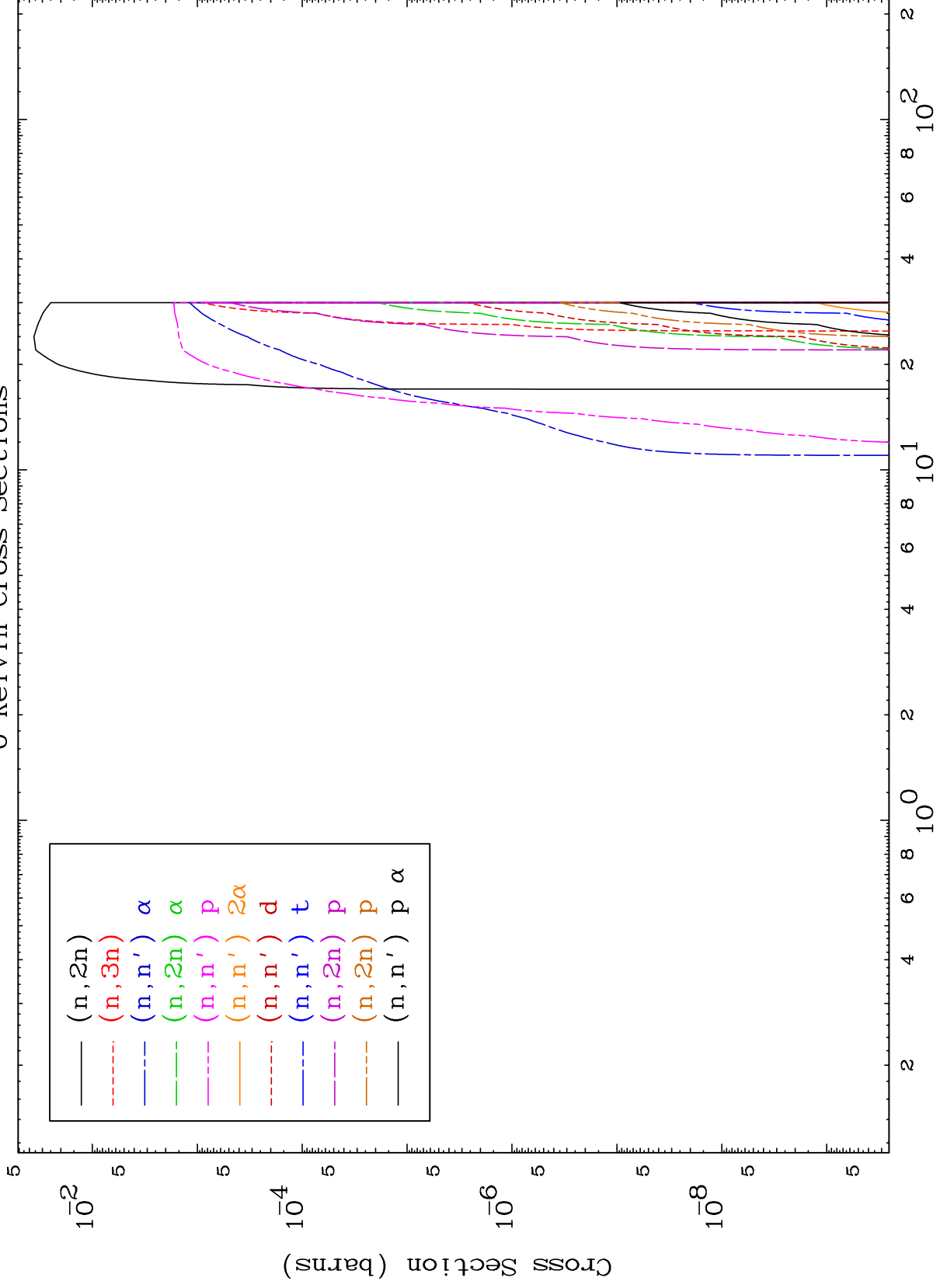
0 Kelvin Cross Sections

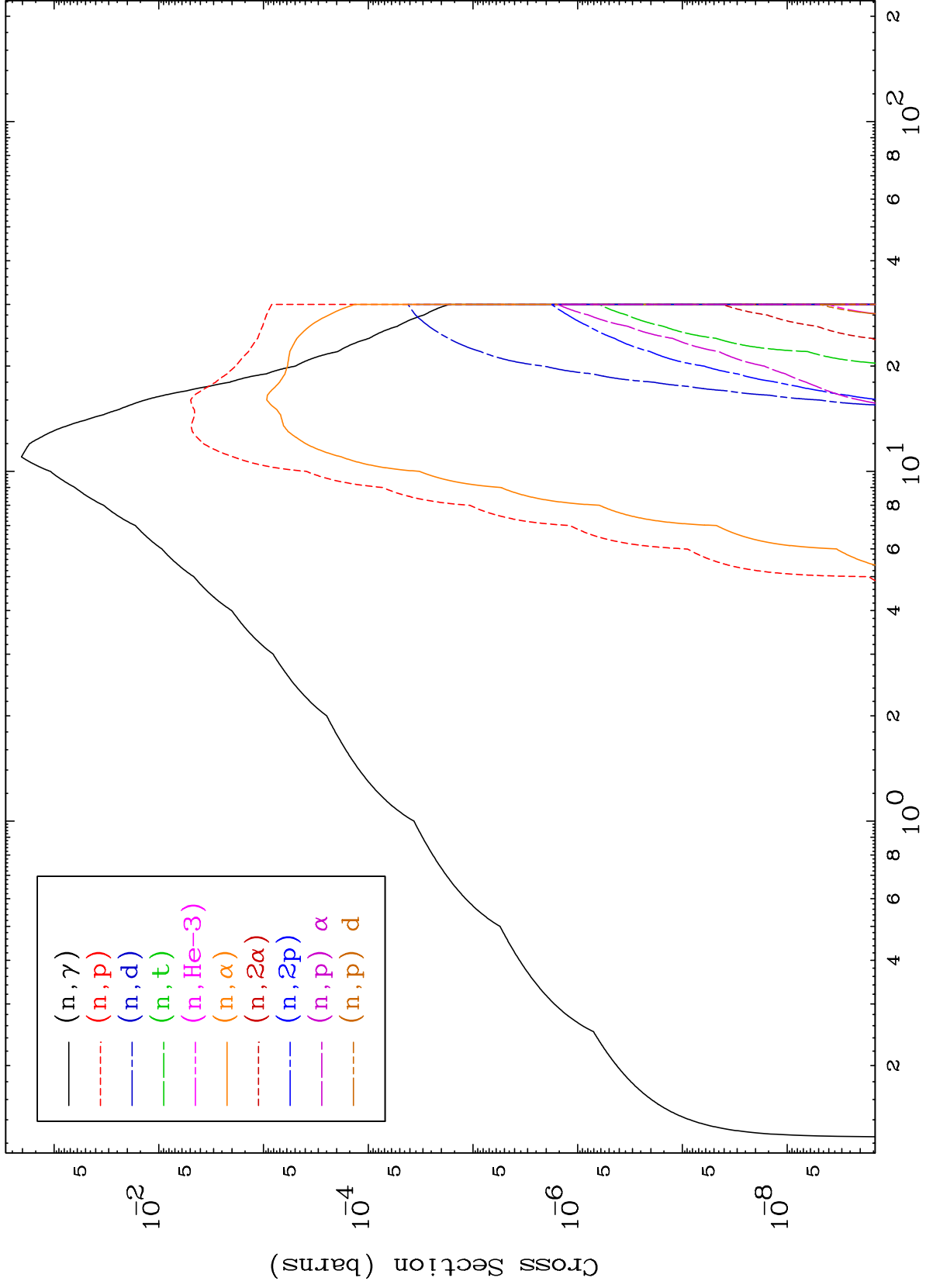


MAT 8294

Photon Neutron Absorption
0 Kelvin Cross Sections

83-Bi-198n

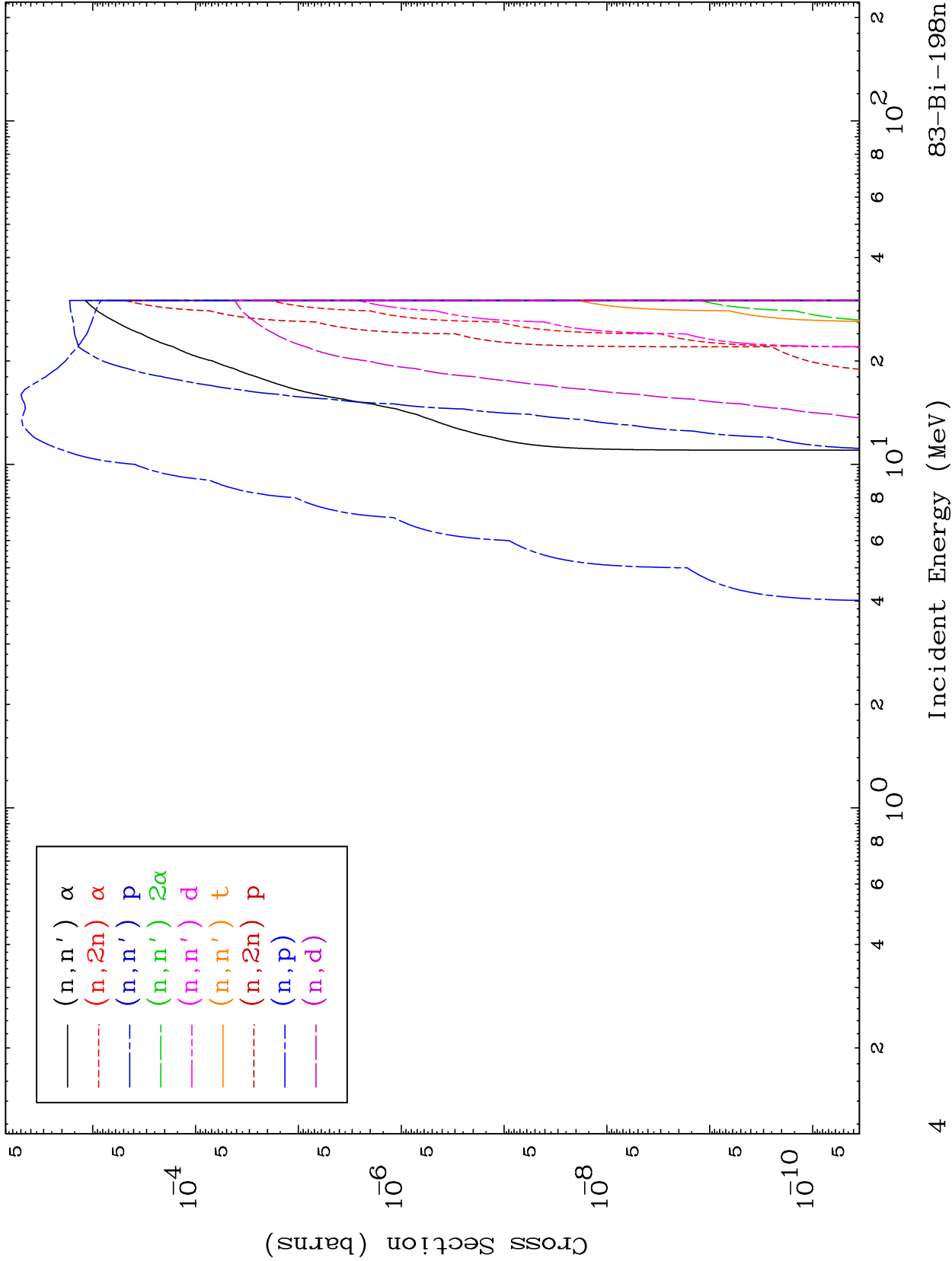




MAT 8294

Photon Charged Particle
0 Kelvin Cross Sections

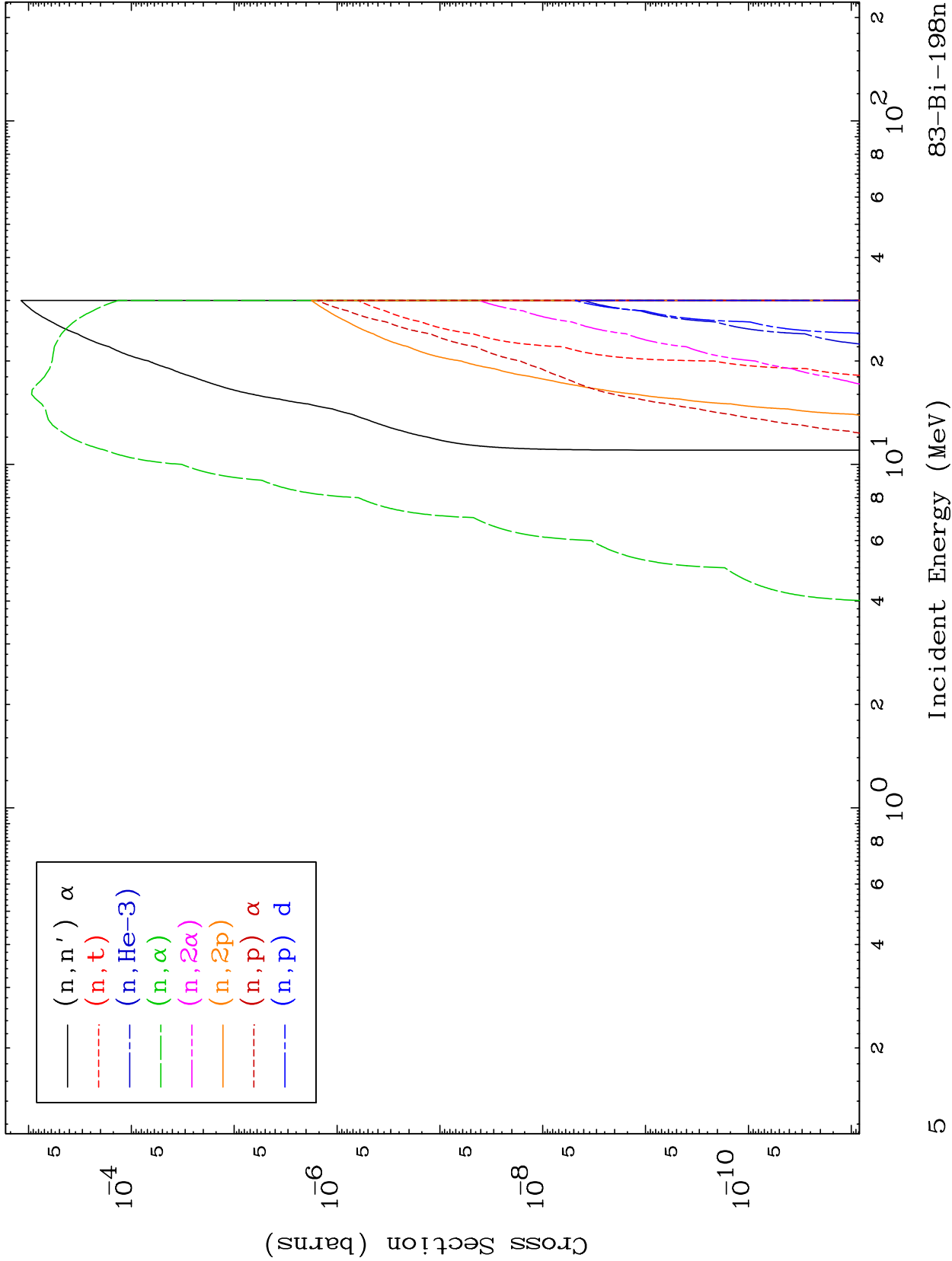
83-Bi-198n



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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-198n

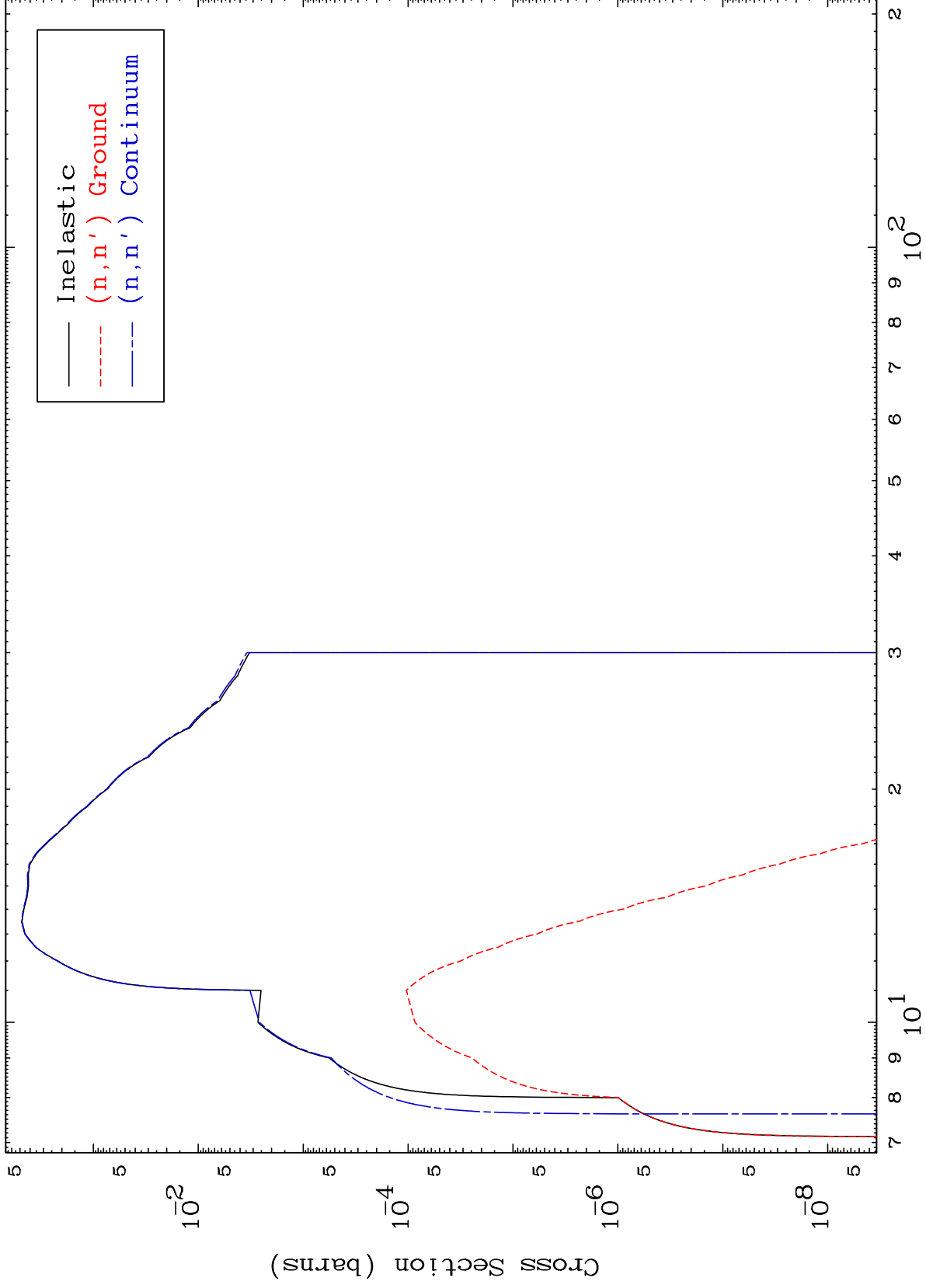


MAT 8294

(γ, n') Levels

83-Bi-198n

0 Kelvin Cross Sections



Incident Energy (MeV)

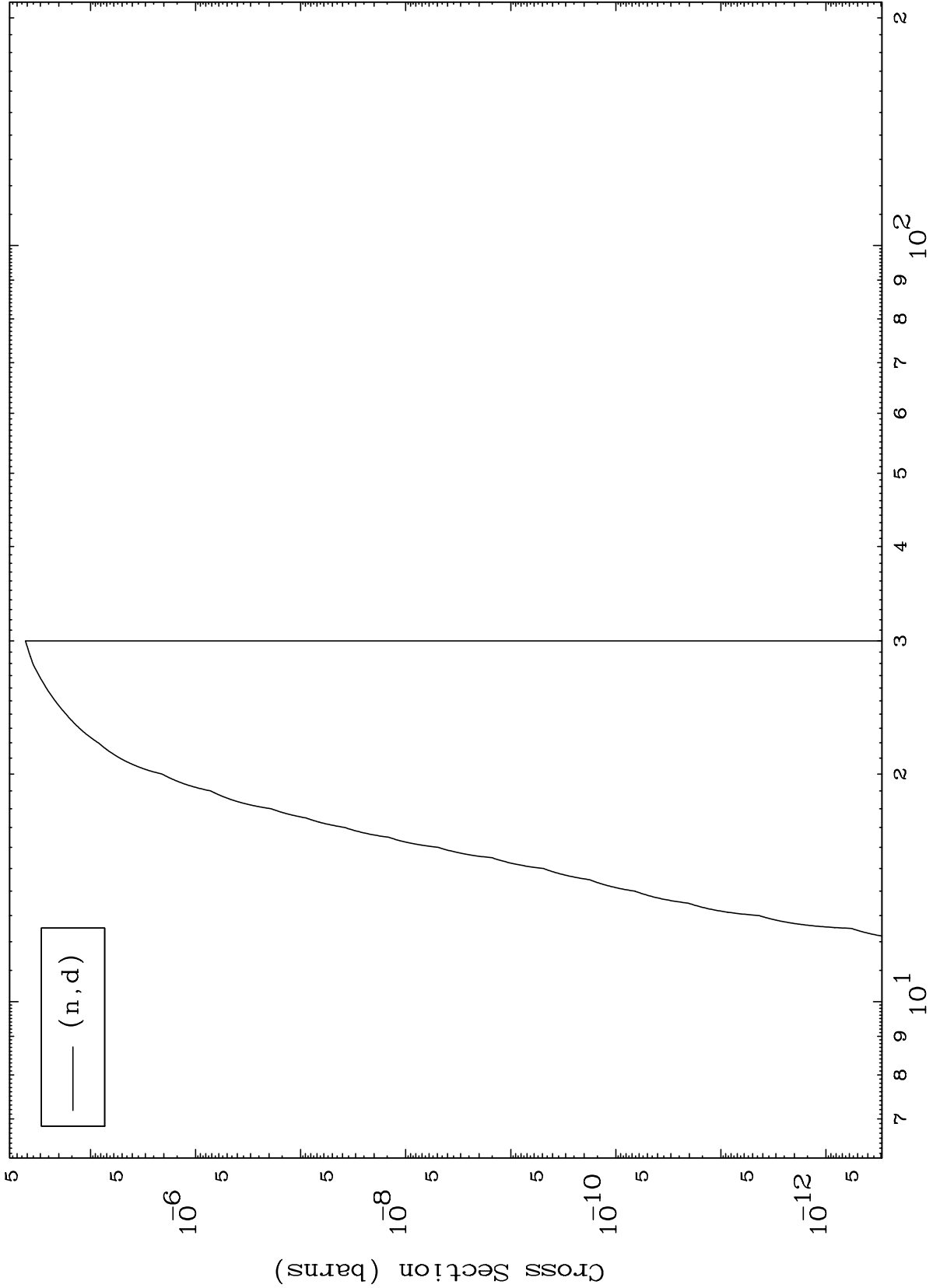
83-Bi-198n

6

MAT 8294

(γ, d) Levels
0 Kelvin Cross Sections

83-Bi-198n



8

Incident Energy (MeV)

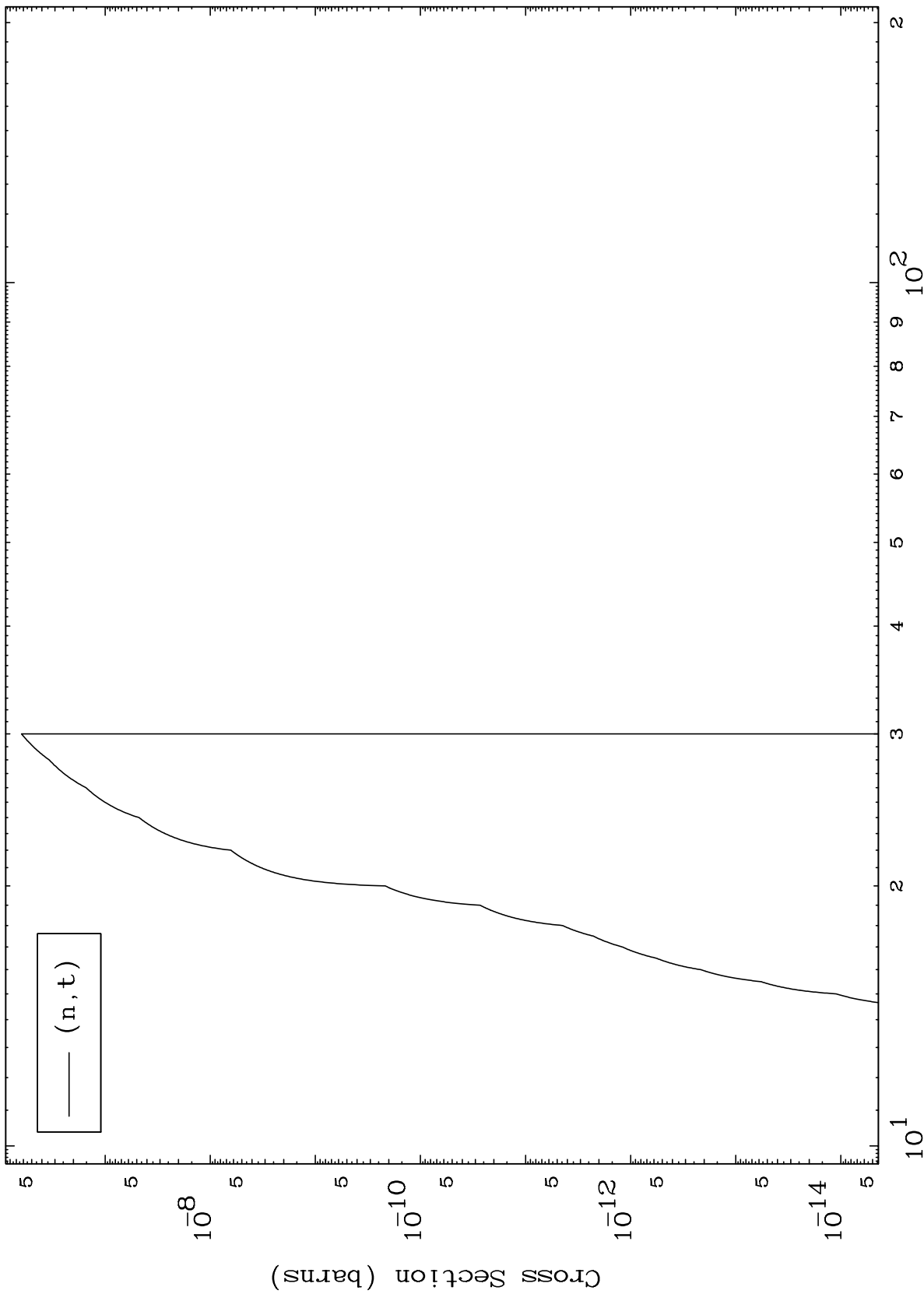
83-Bi-198n

MAT 8294

(γ, t) Levels

$^{83}\text{Bi}-198\text{n}$

0 Kelvin Cross Sections



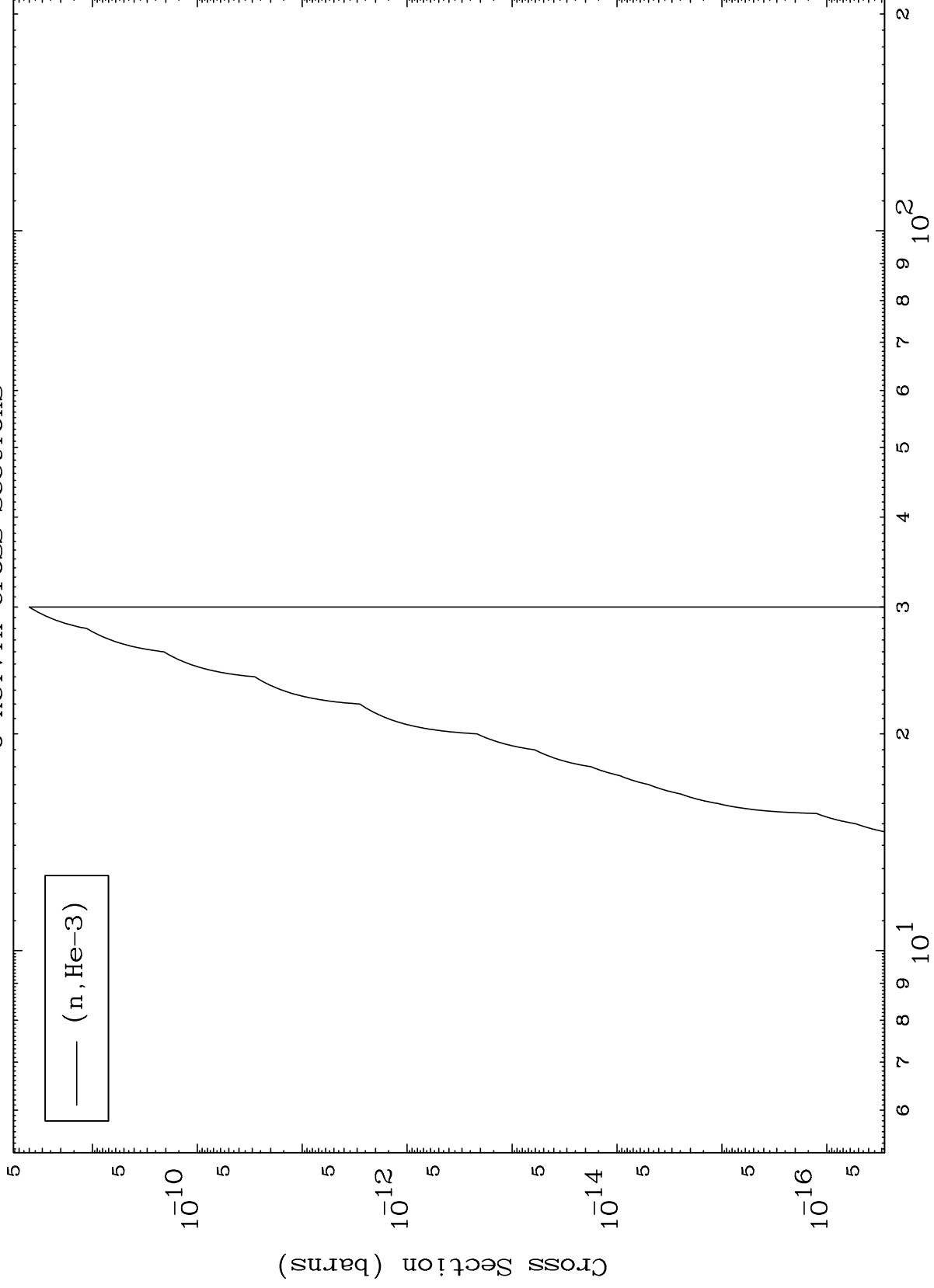
Incident Energy (MeV)

$^{83}\text{Bi}-198\text{n}$

MAT 8294

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

83-Bi-198n



10

Incident Energy (MeV)

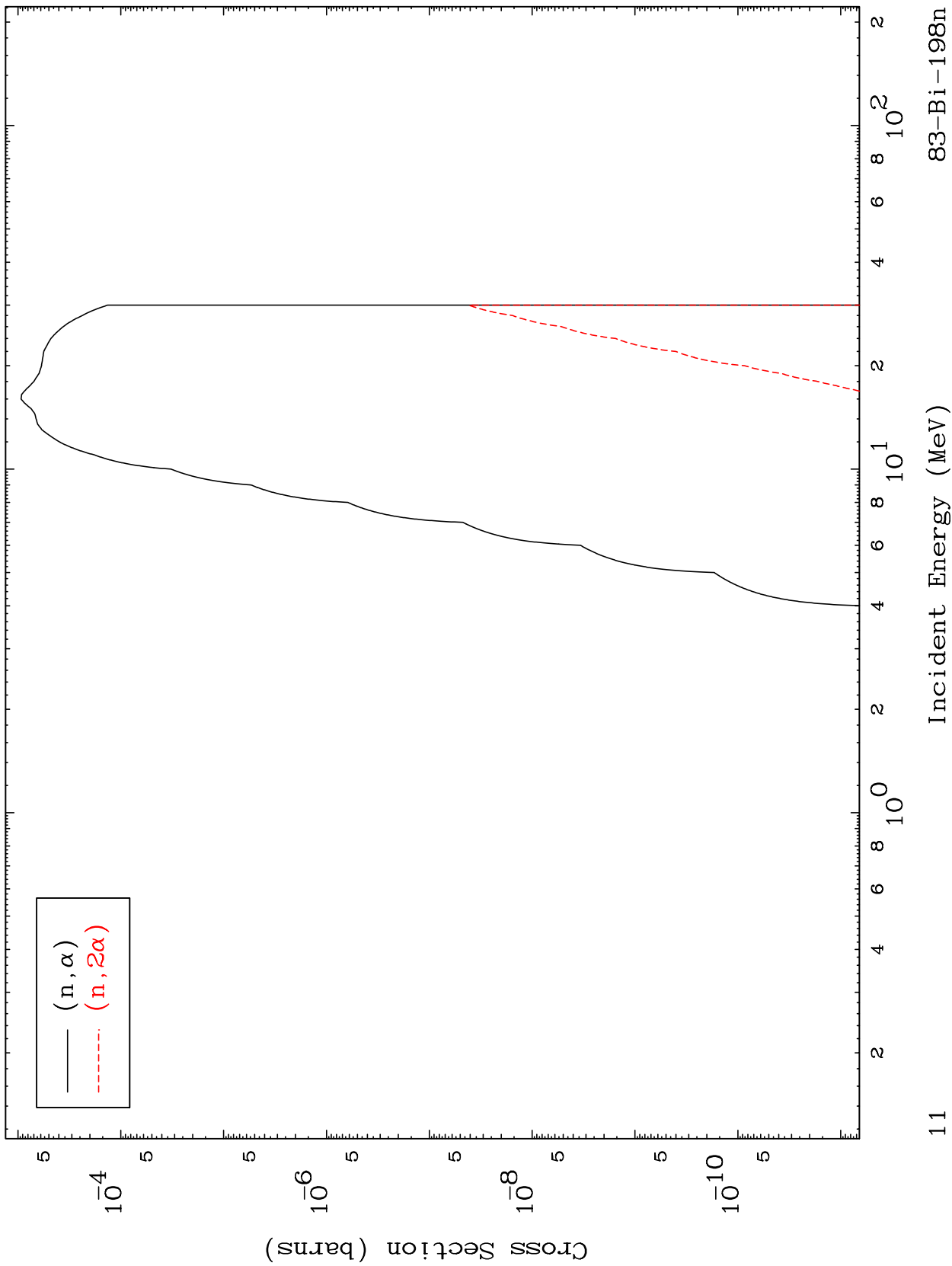
83-Bi-198n

MAT 8294

(γ, α) Levels

$^{83}\text{Bi}-198\text{n}$

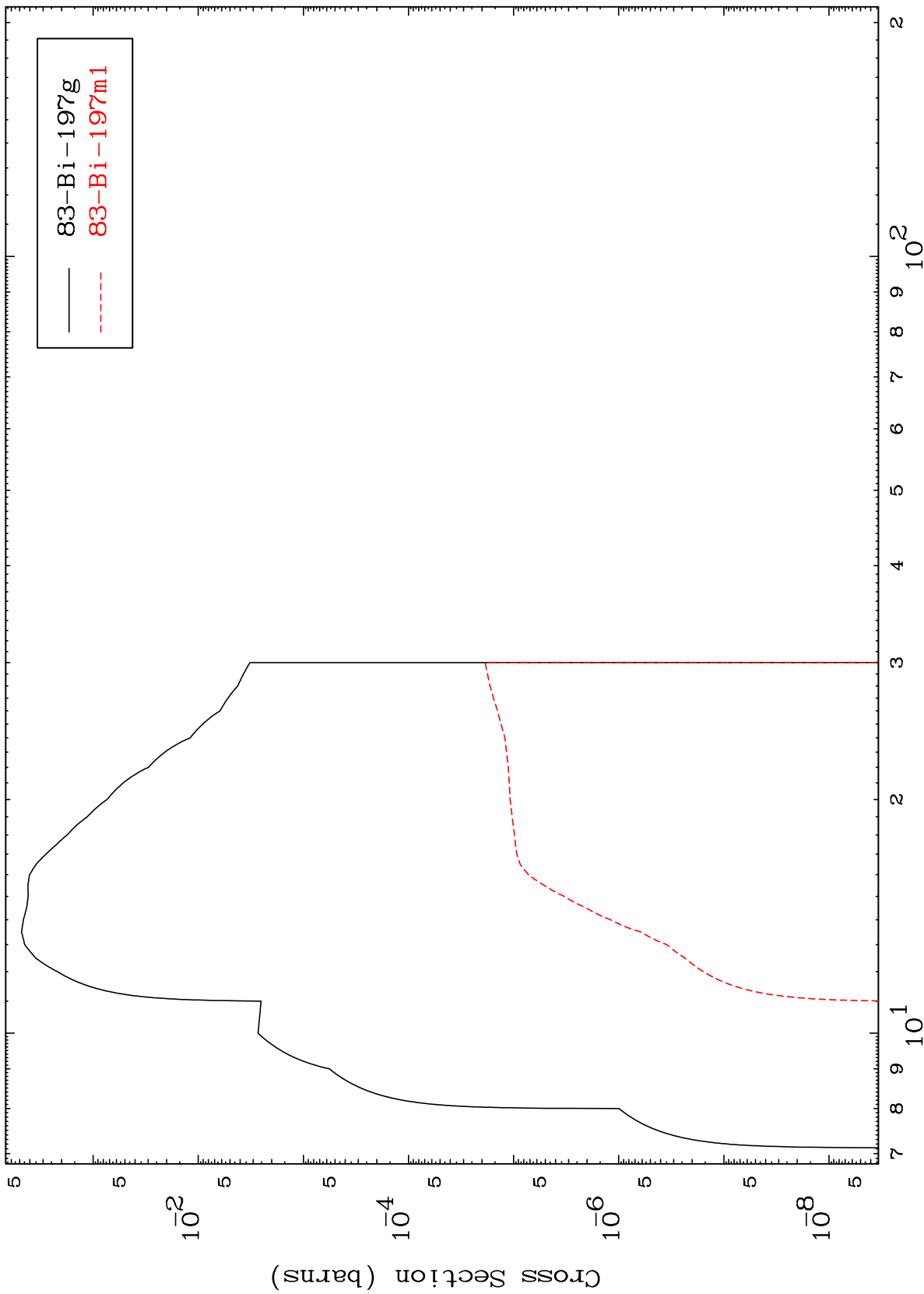
0 Kelvin Cross Sections



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83-Bi-198n

Inelastic
Radionuclide Production Cross Section



83-Bi-198n

Incident Energy (MeV)

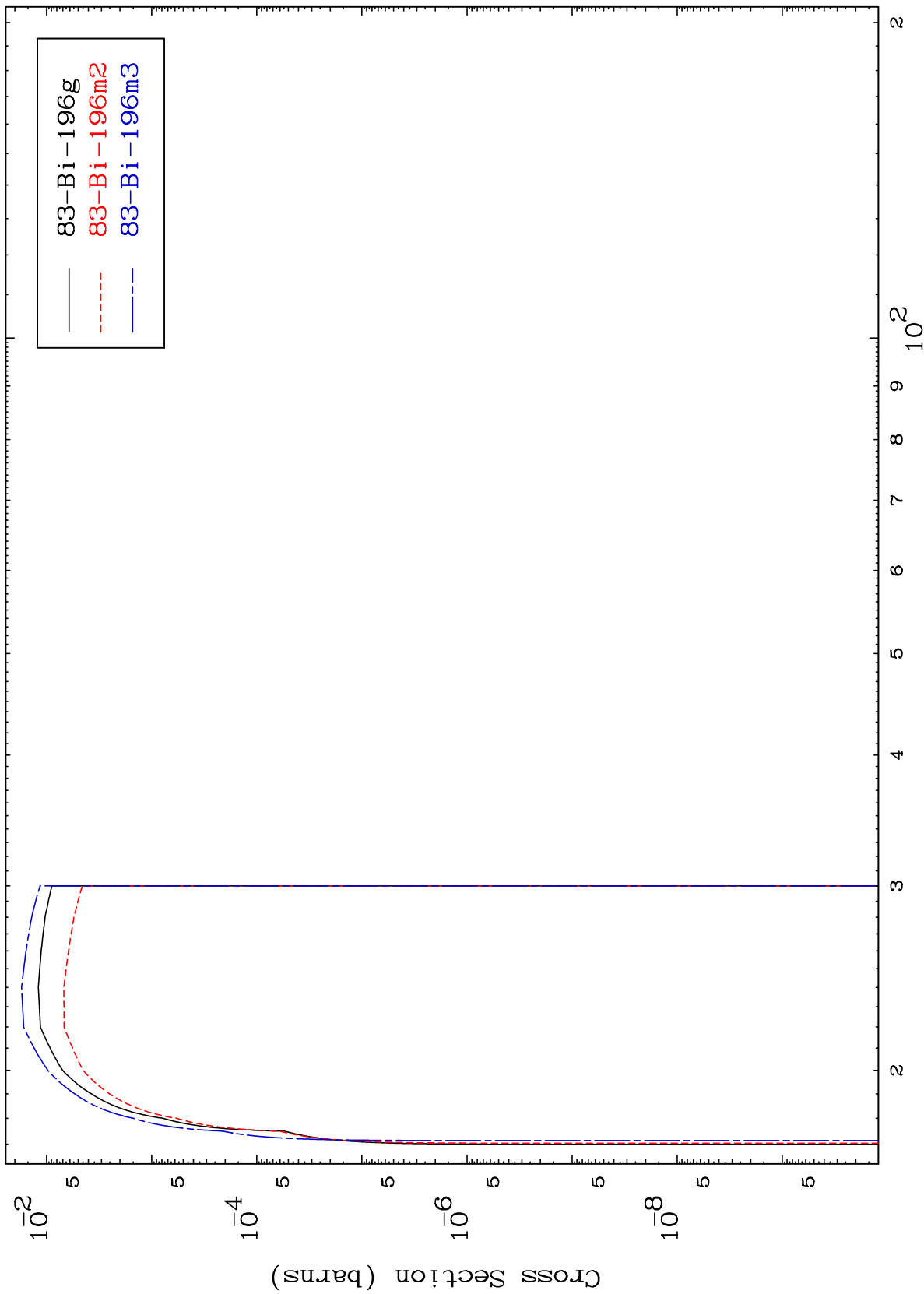
12

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⁸³Bi-198n

(n,2n)

Radionuclide Production Cross Section



13

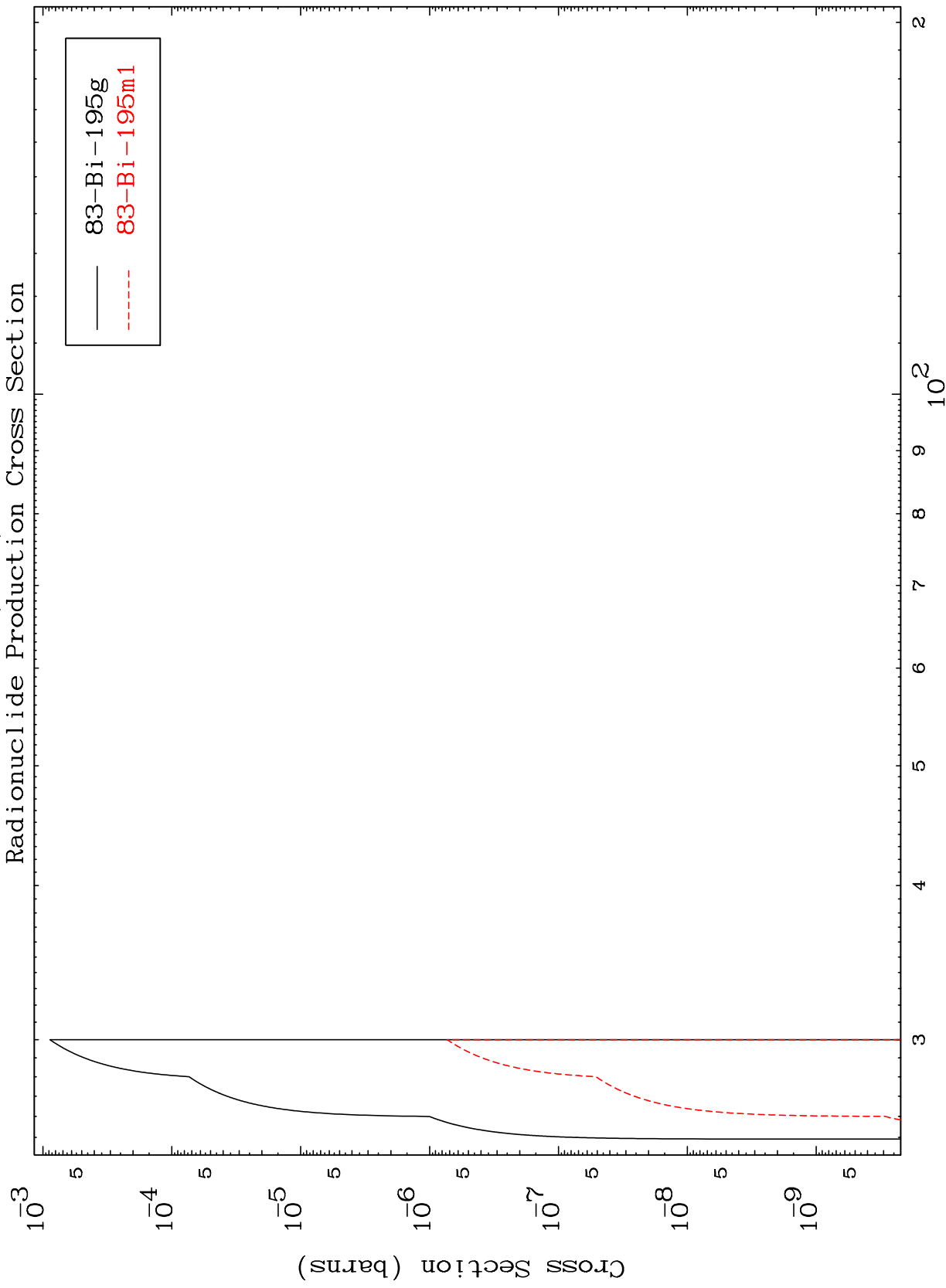
Incident Energy (MeV)

⁸³Bi-198n

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$^{83}\text{Bi}-198\text{n}$

$(n, 3n)$
Radionuclide Production Cross Section



$^{83}\text{Bi}-198\text{n}$

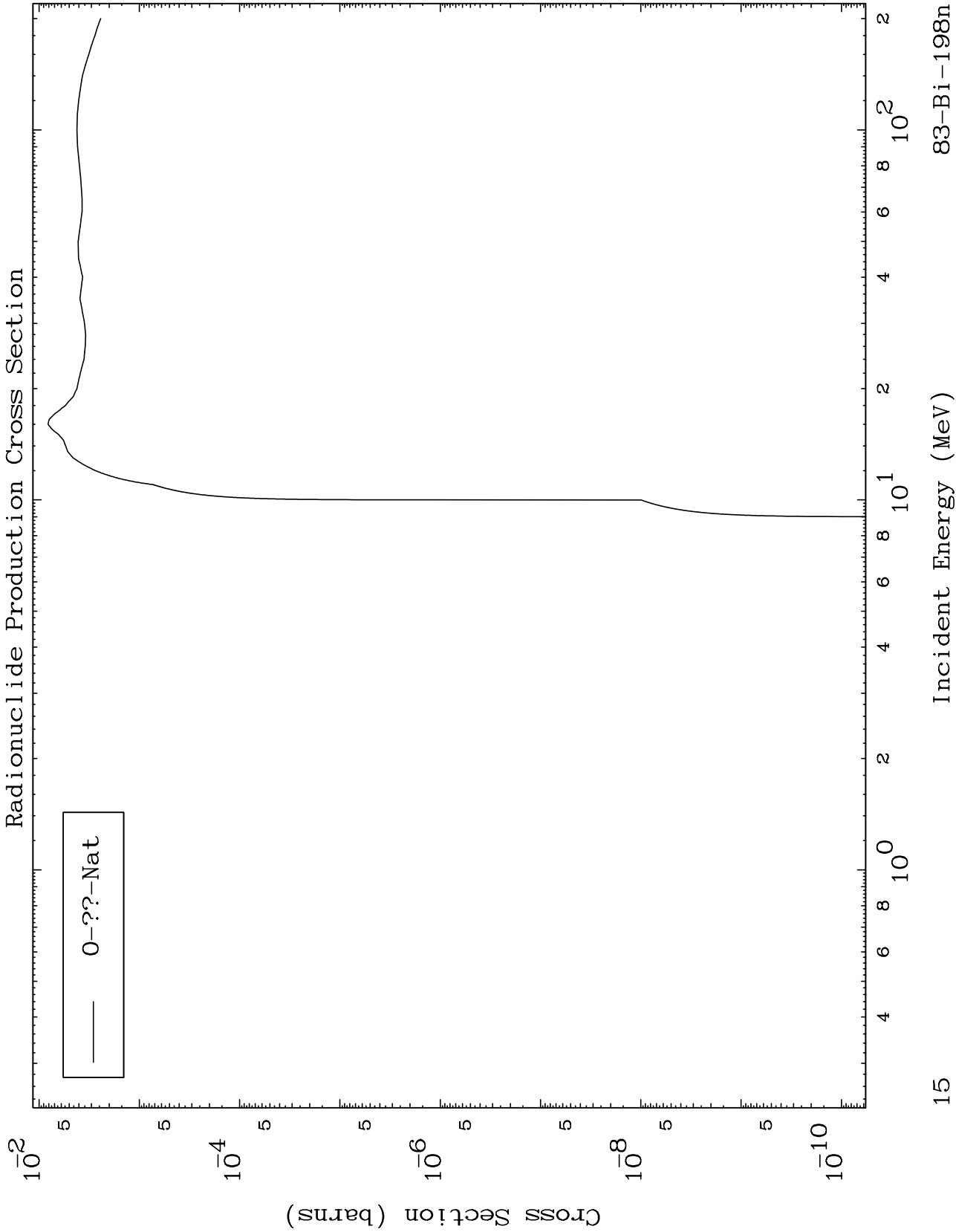
Incident Energy (MeV)

14

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Fission

⁸³Bi-198n

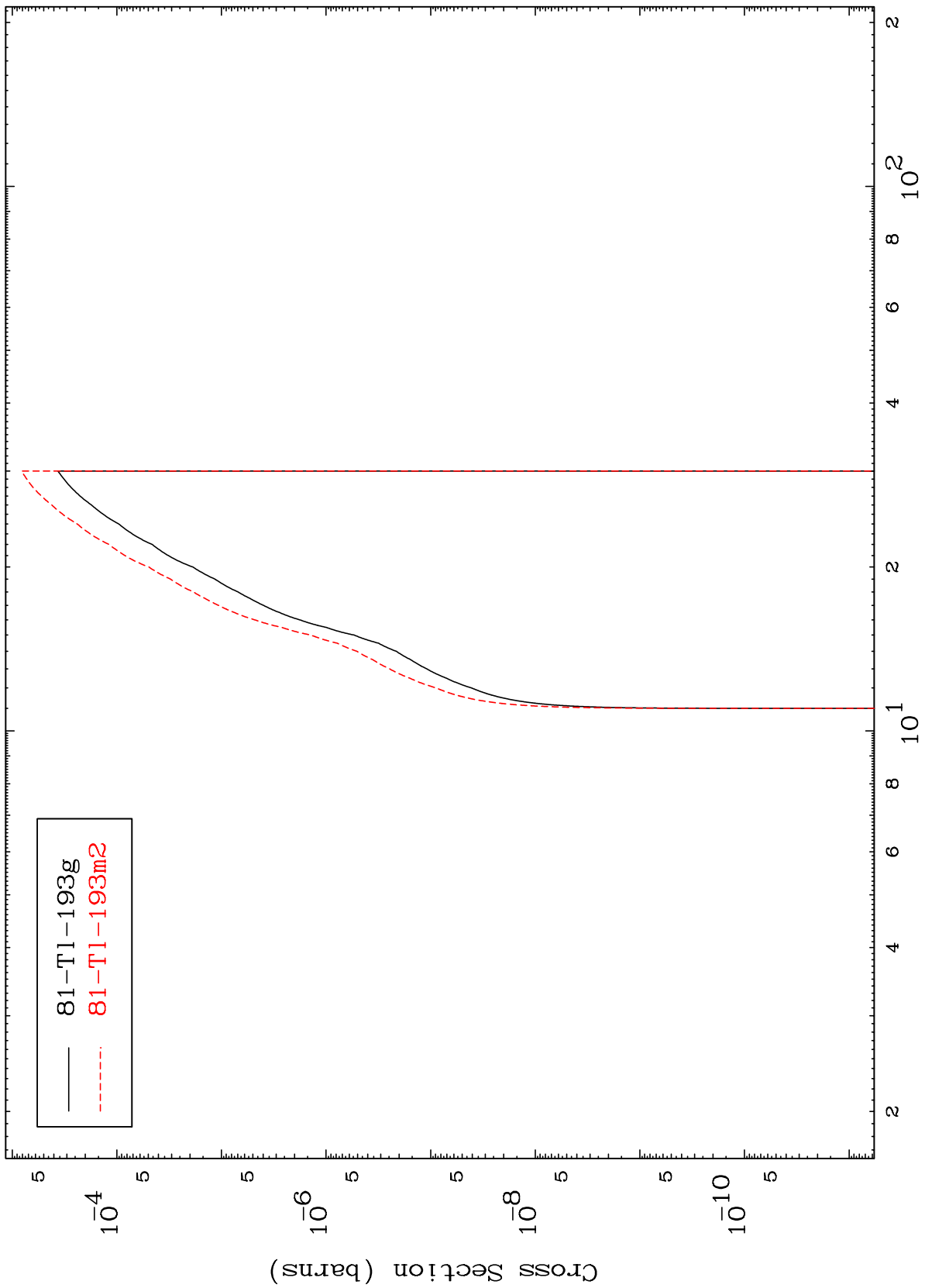


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83-Bi-198n

(n,n') α

Radionuclide Production Cross Section



16

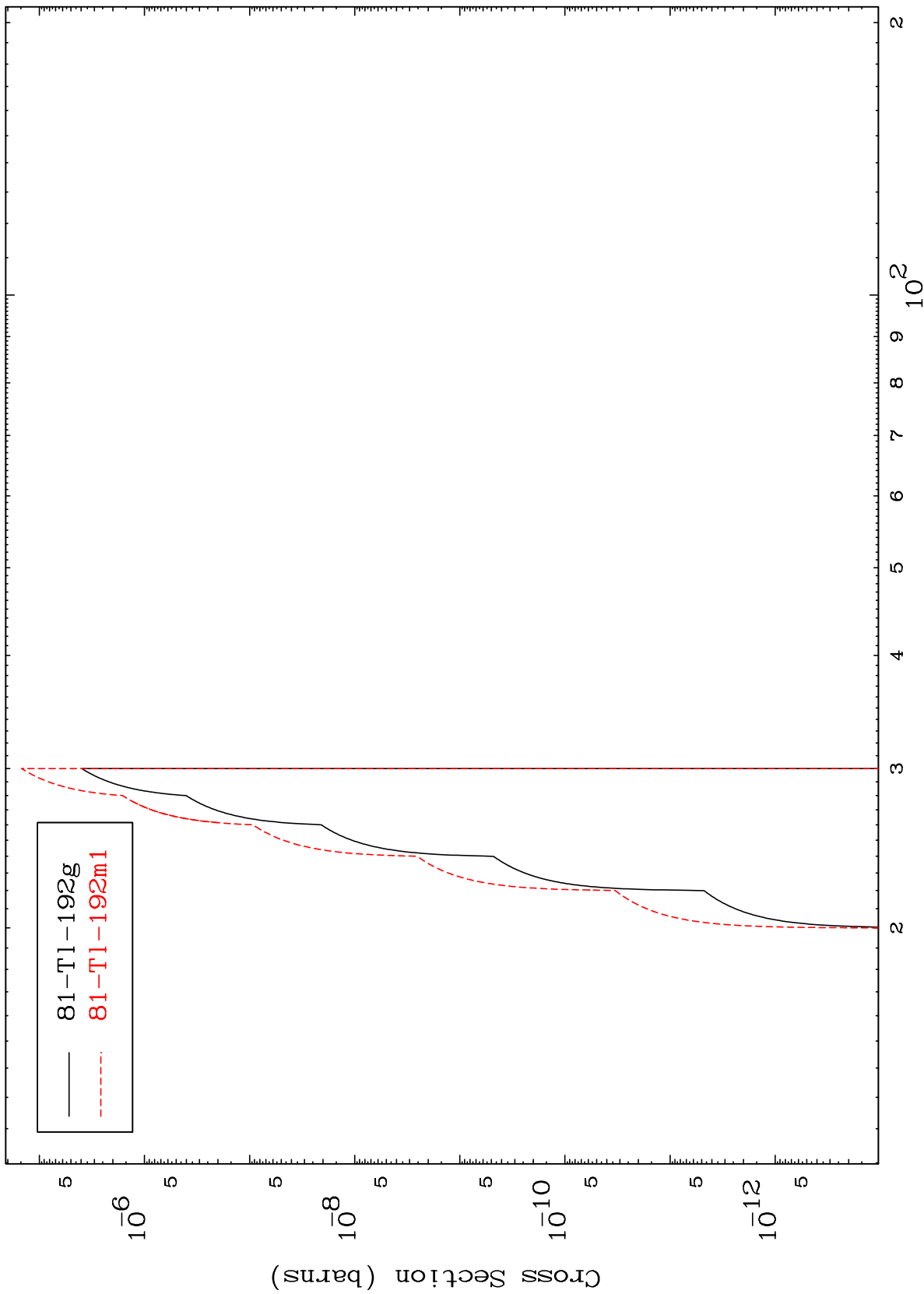
Incident Energy (MeV)

83-Bi-198n

MAT 8294

83-Bi-198n

(n,2n) α
Radionuclide Production Cross Section

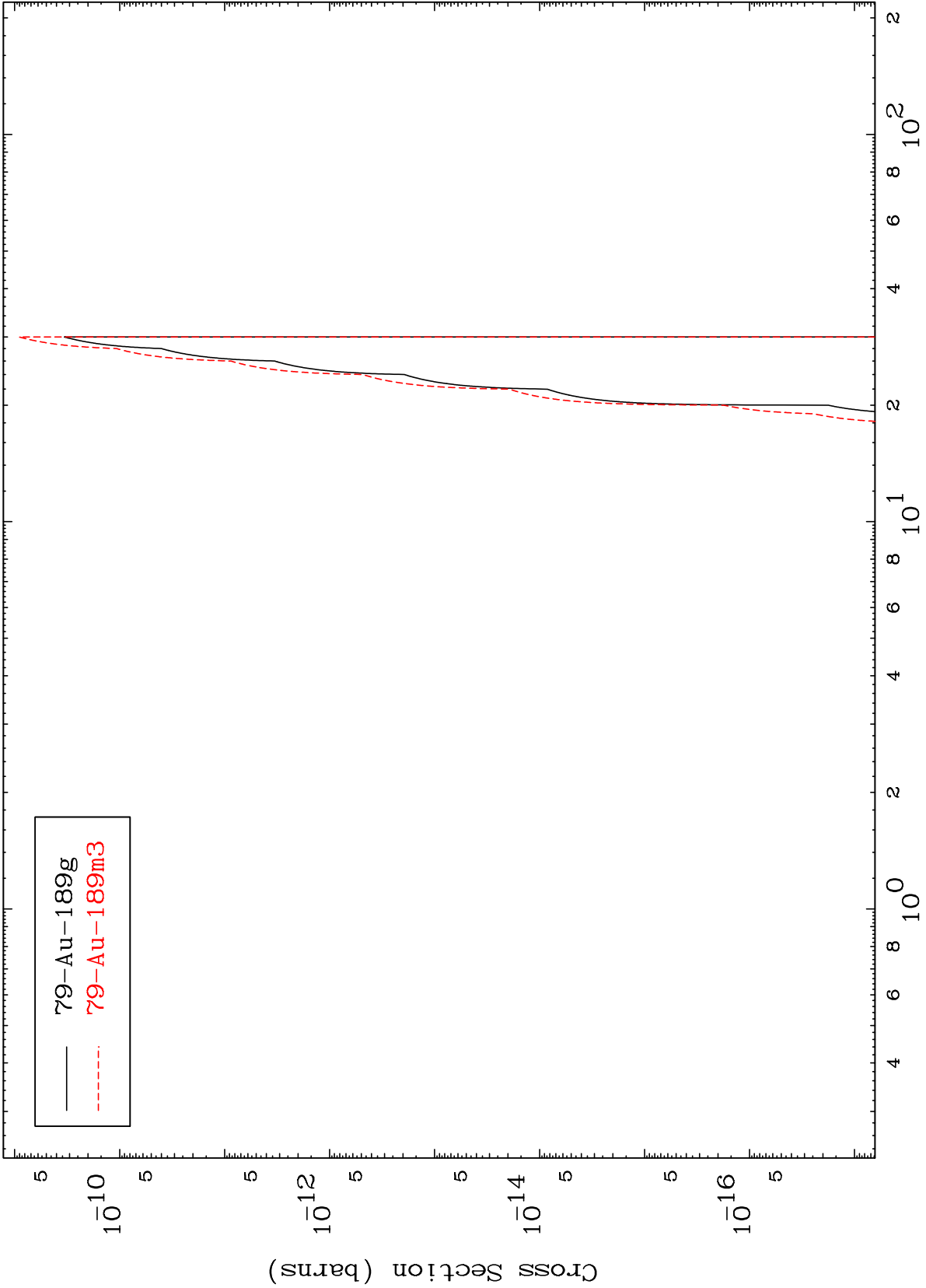


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(n,n') 2α

83-Bi-198n

Radionuclide Production Cross Section

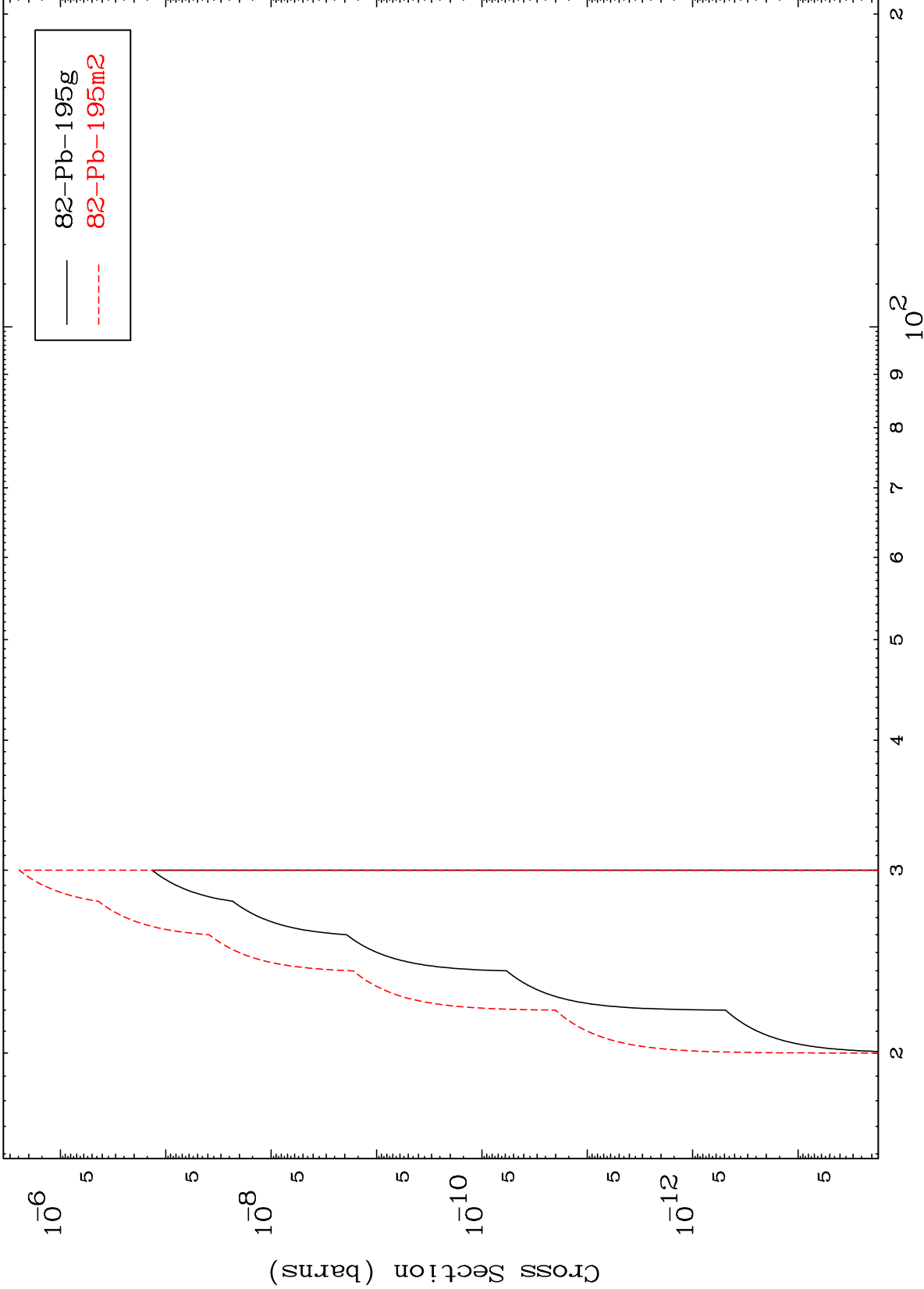


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(n,n') d

83-Bi-198n

Radionuclide Production Cross Section



19

Incident Energy (MeV)

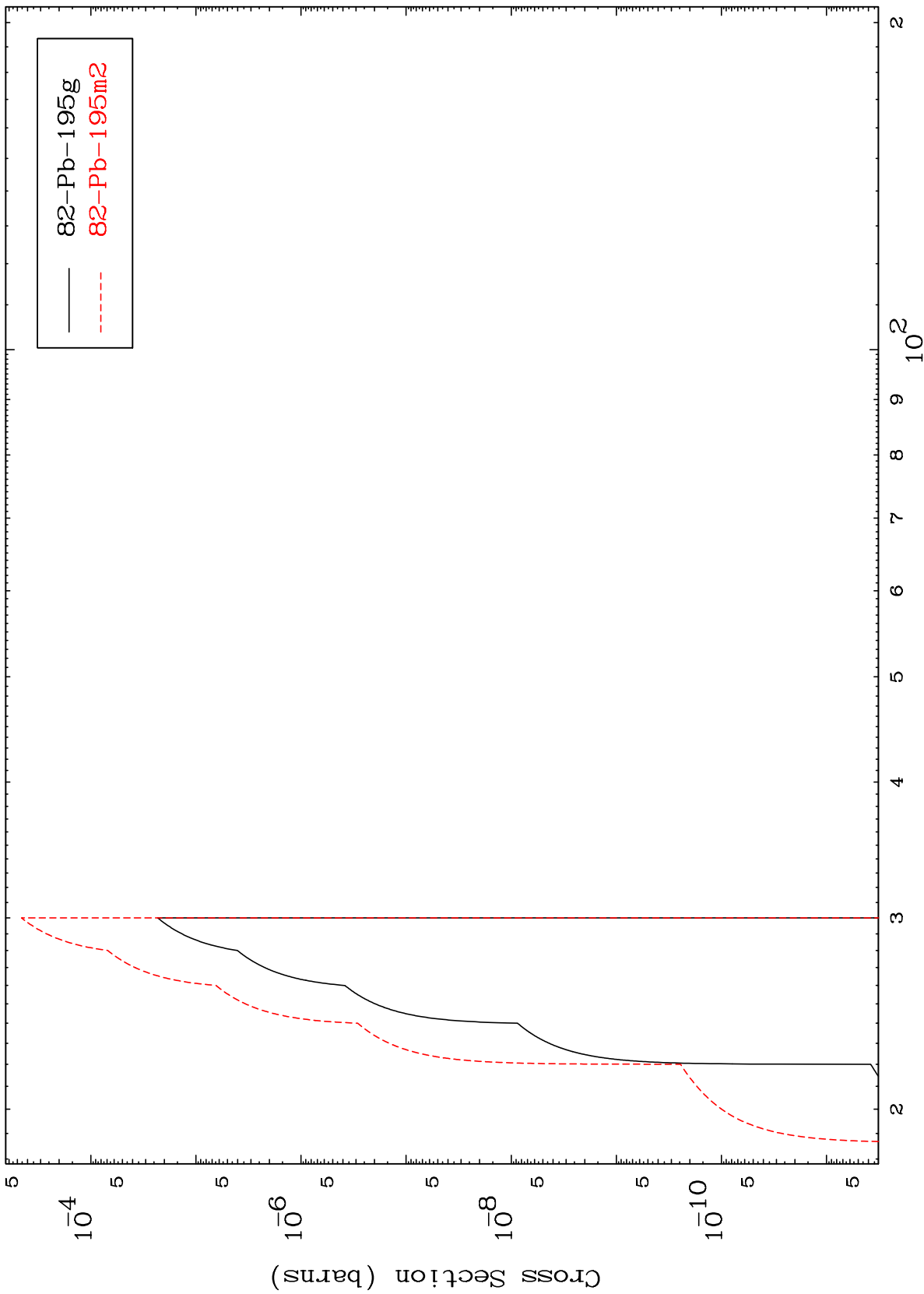
83-Bi-198n

MAT 8294

(n,2n) p

83-Bi-198n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

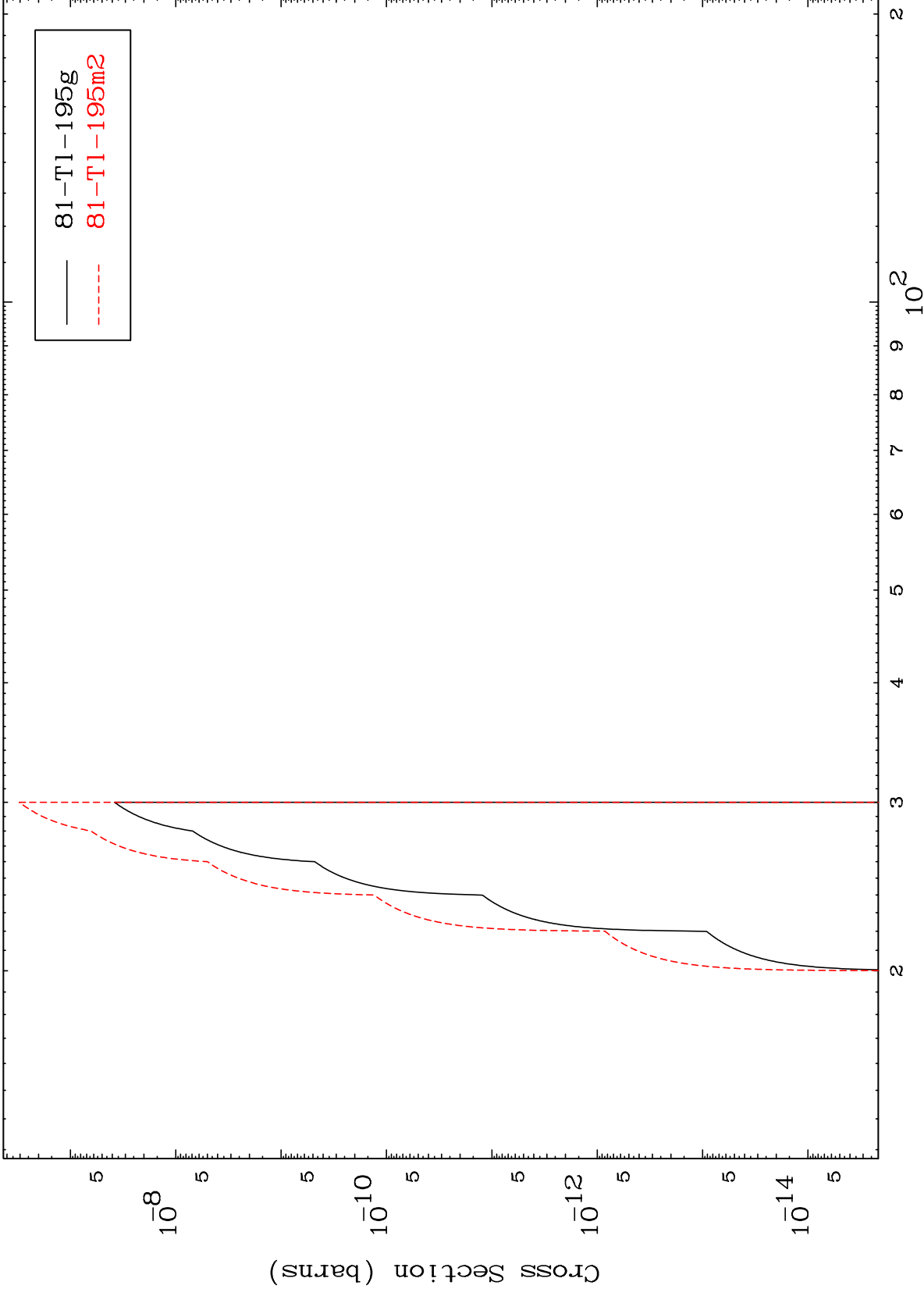
83-Bi-198n

MAT 8294

(n,2n) p

83-Bi-198n

Radionuclide Production Cross Section



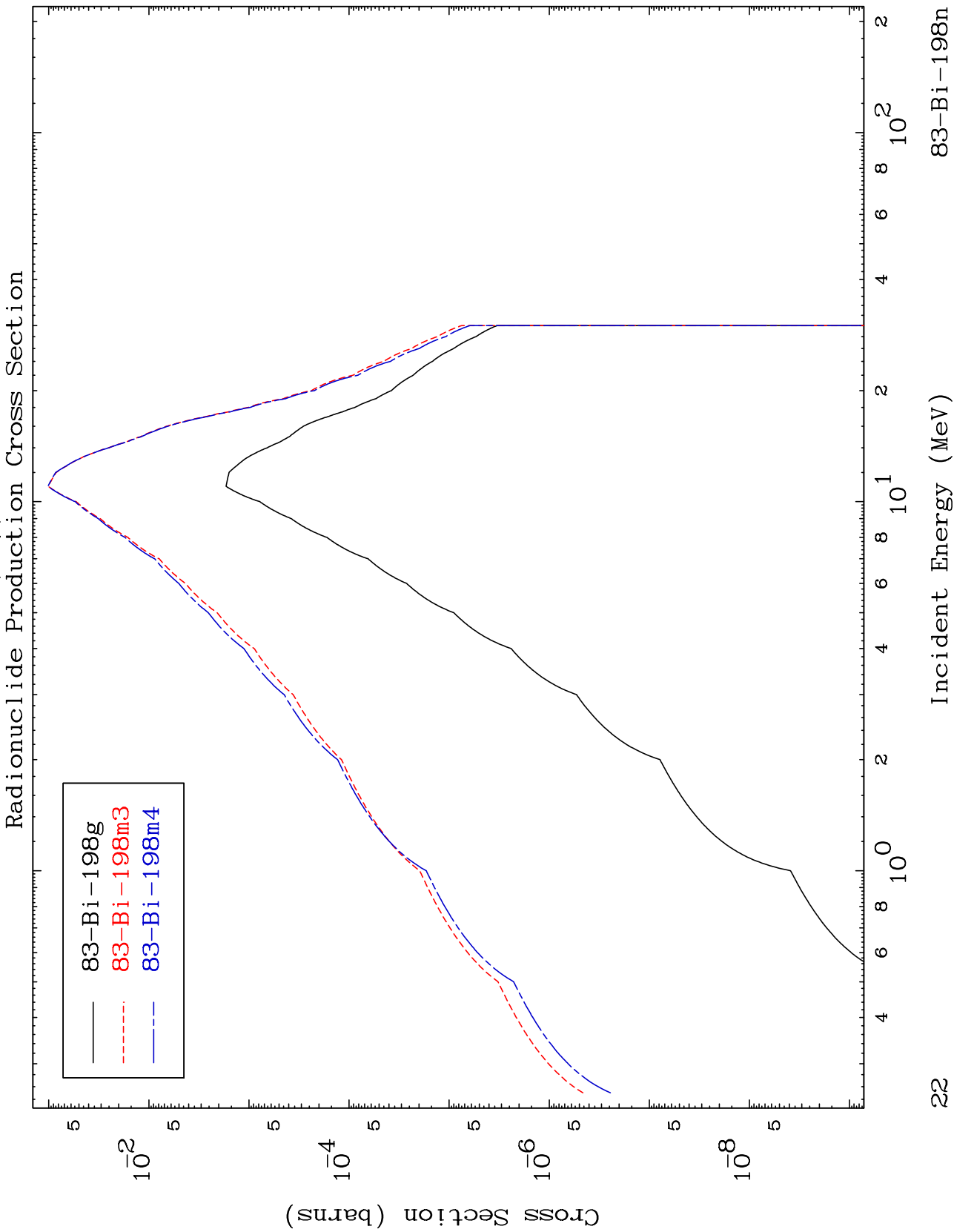
21

Incident Energy (MeV)

83-Bi-198n

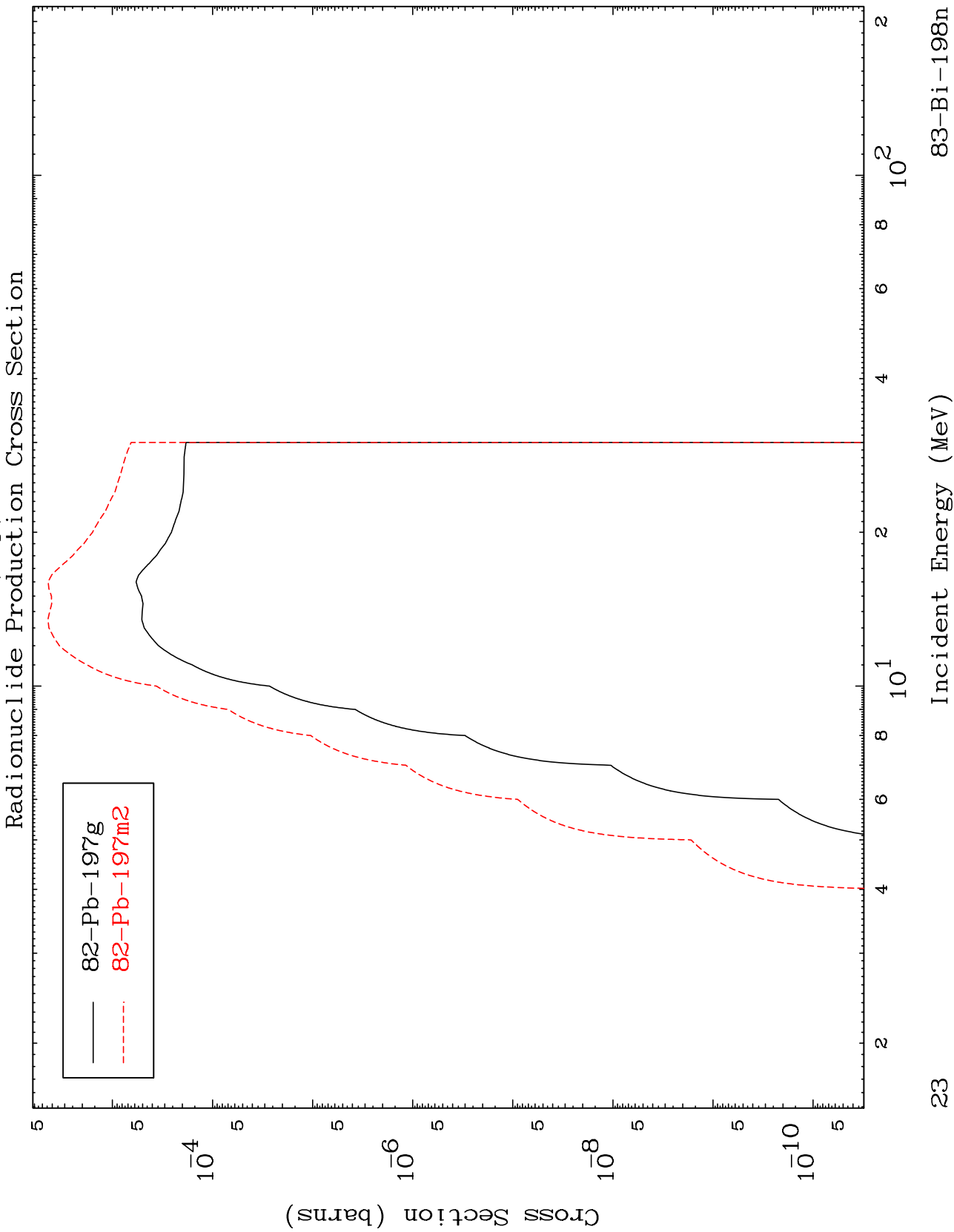
MAT 8294

$^{83}\text{Bi}-198\text{n}$



MAT 8294

83-Bi-198n

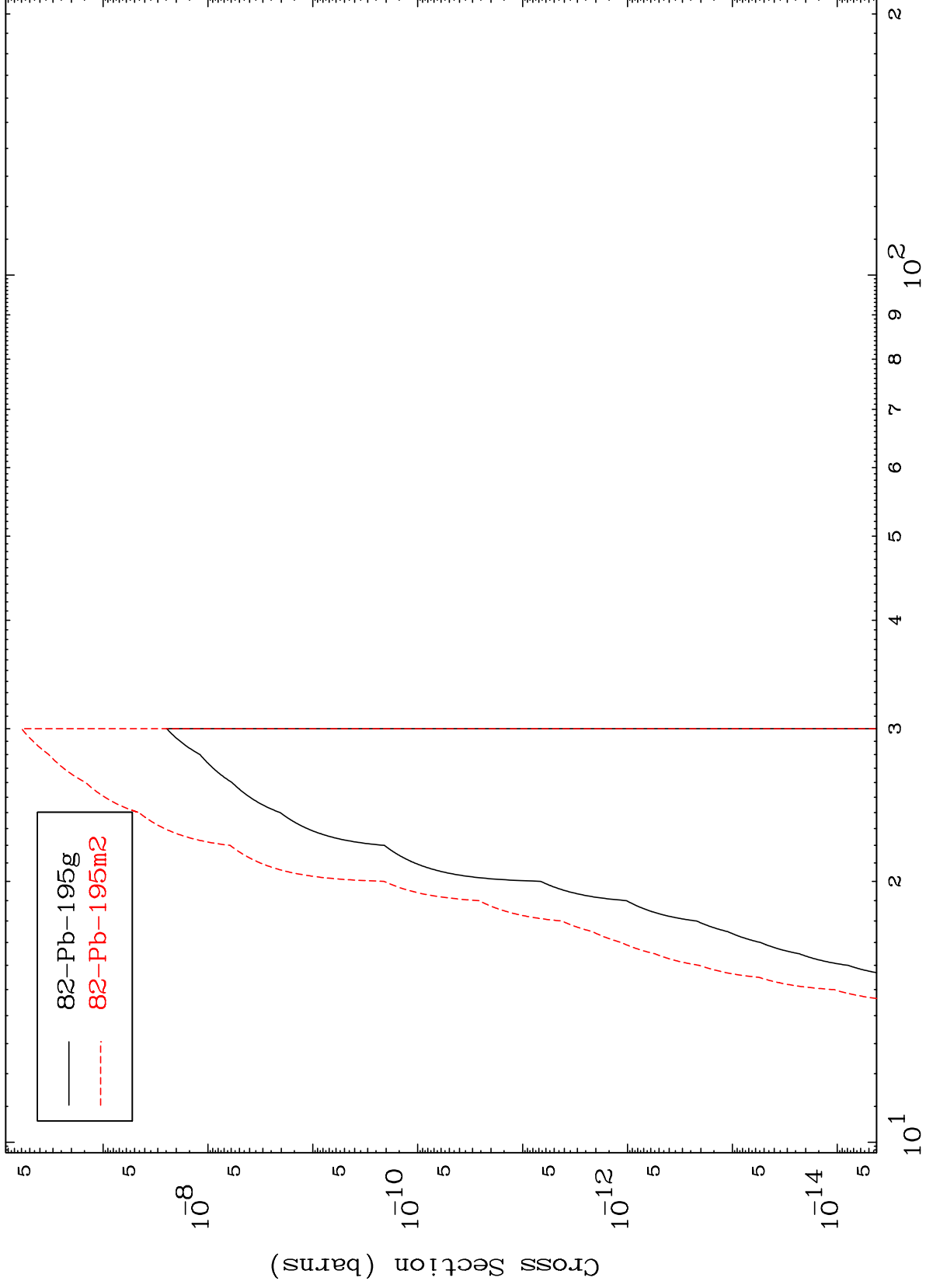


— 82-Pb-197g
- - - 82-Pb-197m2

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⁸³Bi-198n

(n, t)
Radionuclide Production Cross Section



⁸³Bi-198n

Incident Energy (MeV)

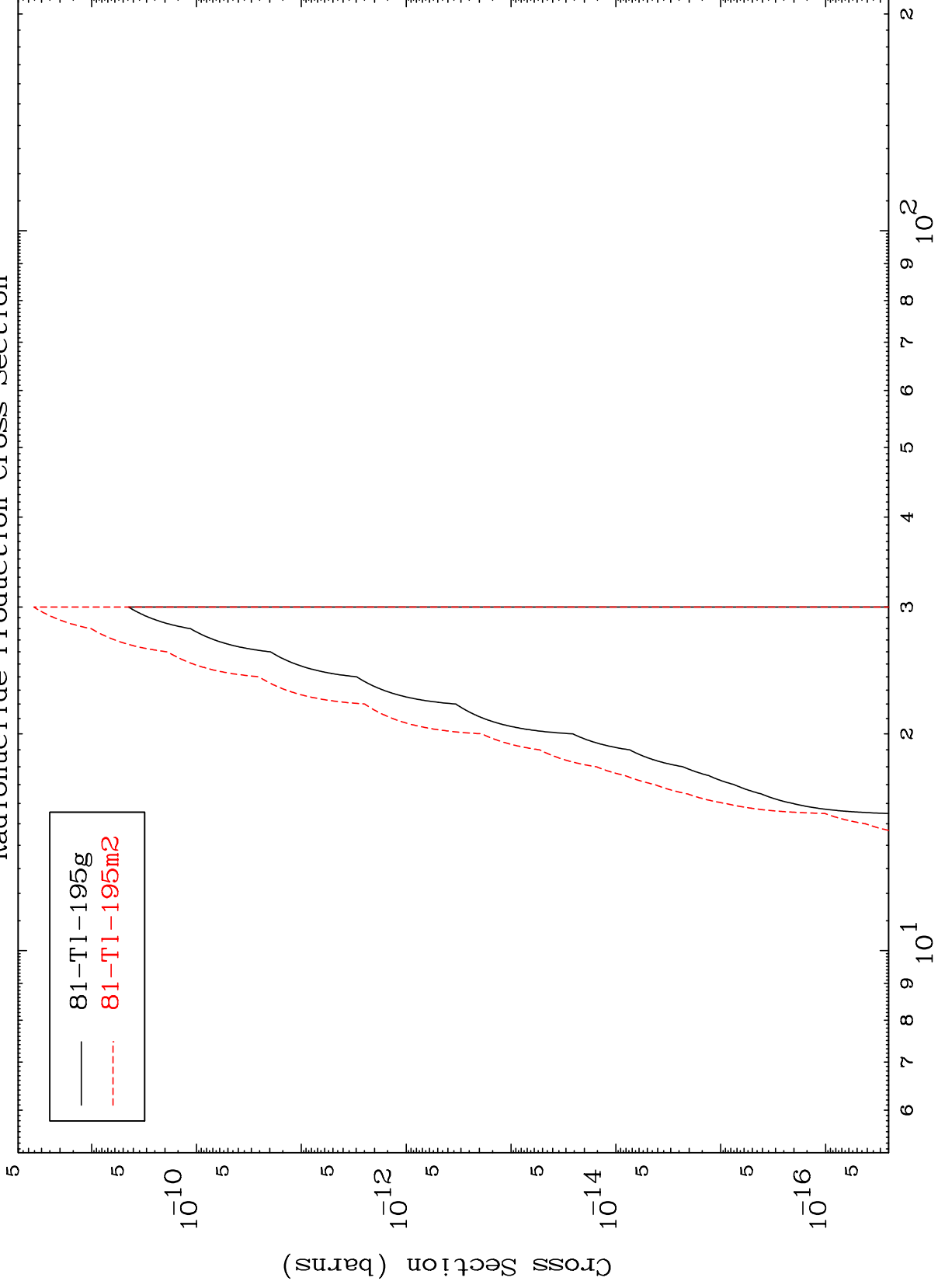
24

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(n,He-3)

83-Bi-198n

Radionuclide Production Cross Section



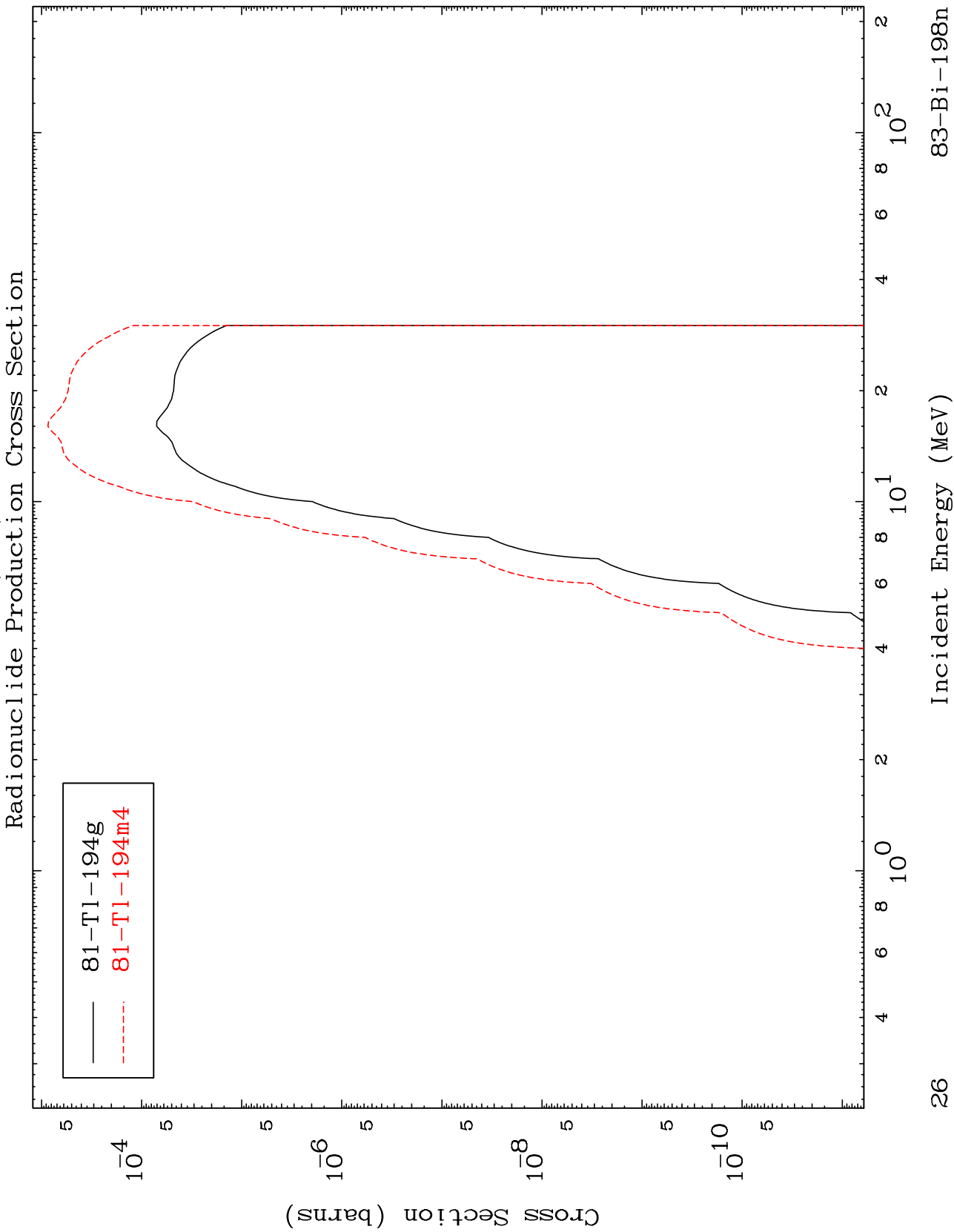
25

Incident Energy (MeV)

83-Bi-198n

MAT 8294

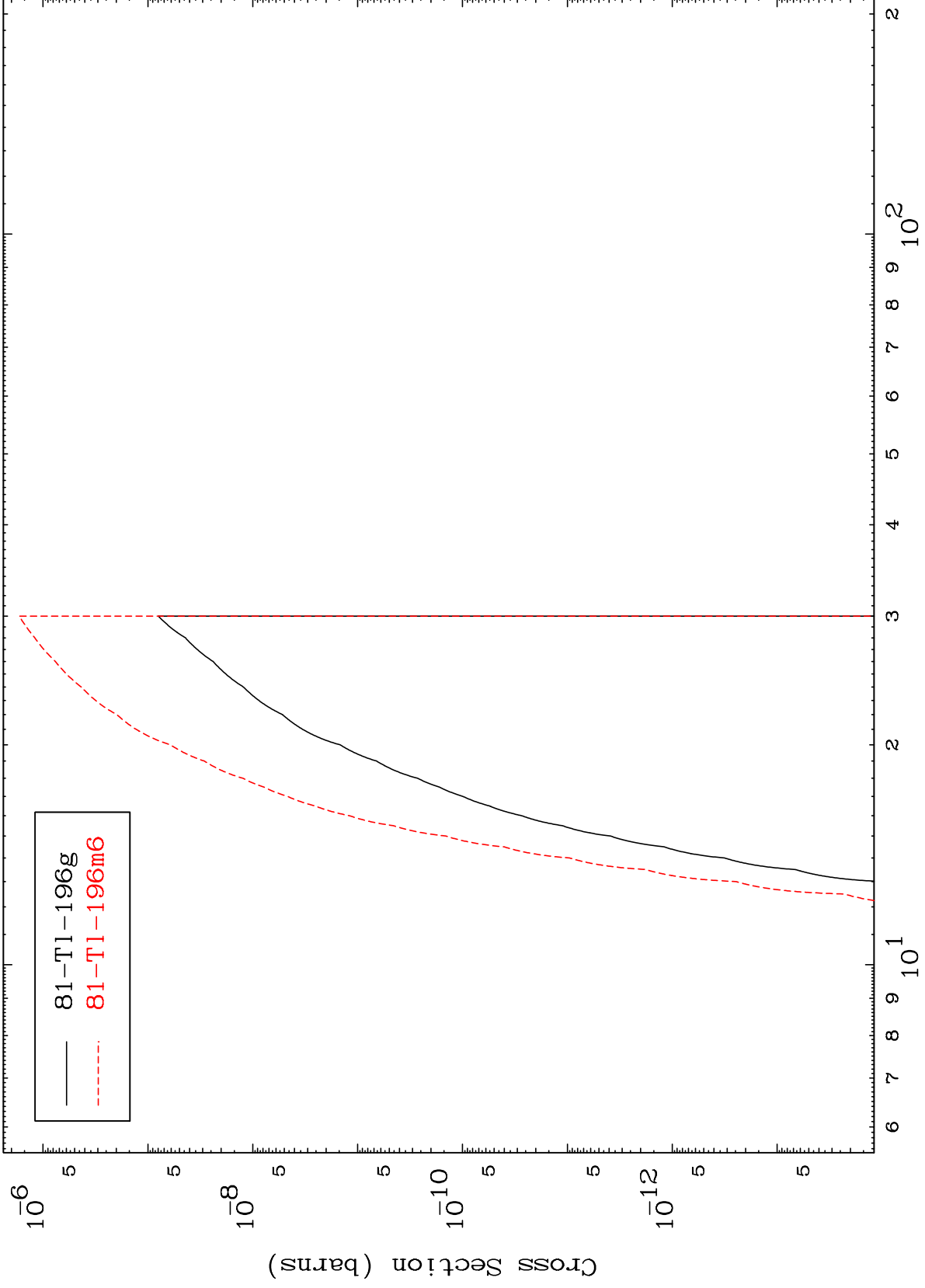
83-Bi-198n



MAT 8294

83-Bi-198n

(n,2p)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

83-Bi-198n

MAT 8294

(n,p) α

$^{83}\text{Bi}-198\text{n}$

