

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

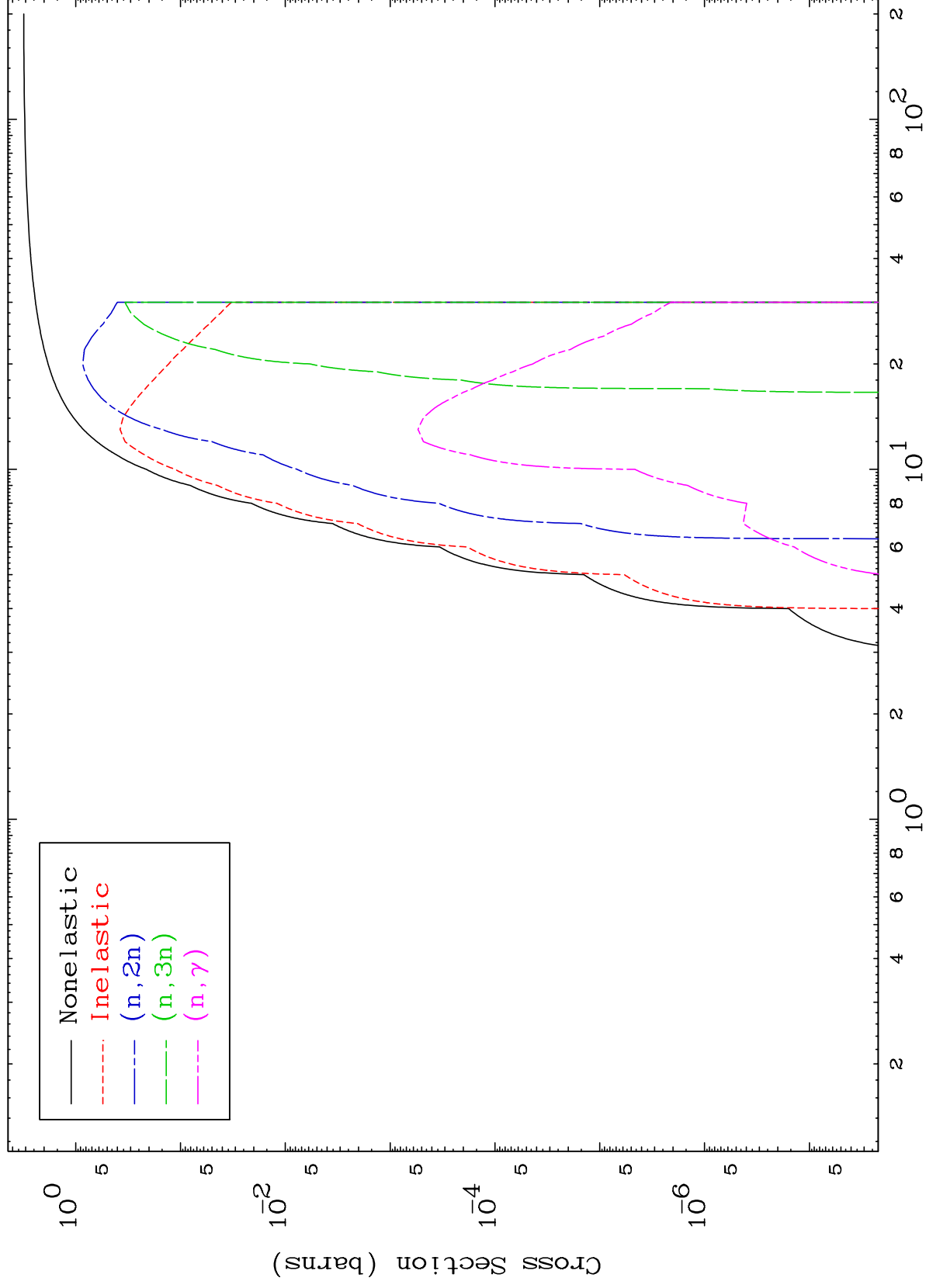
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

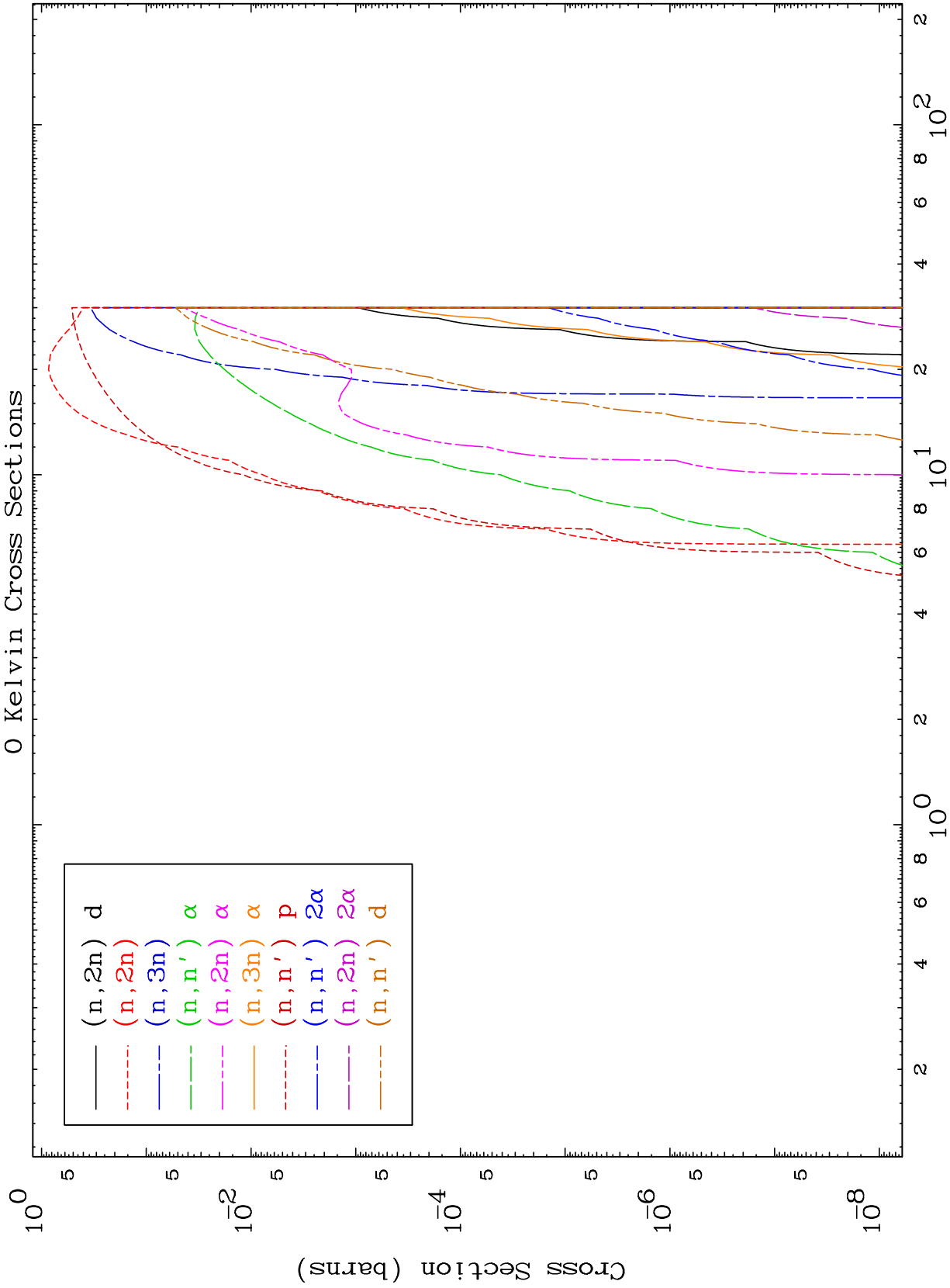
0 Kelvin Cross Sections

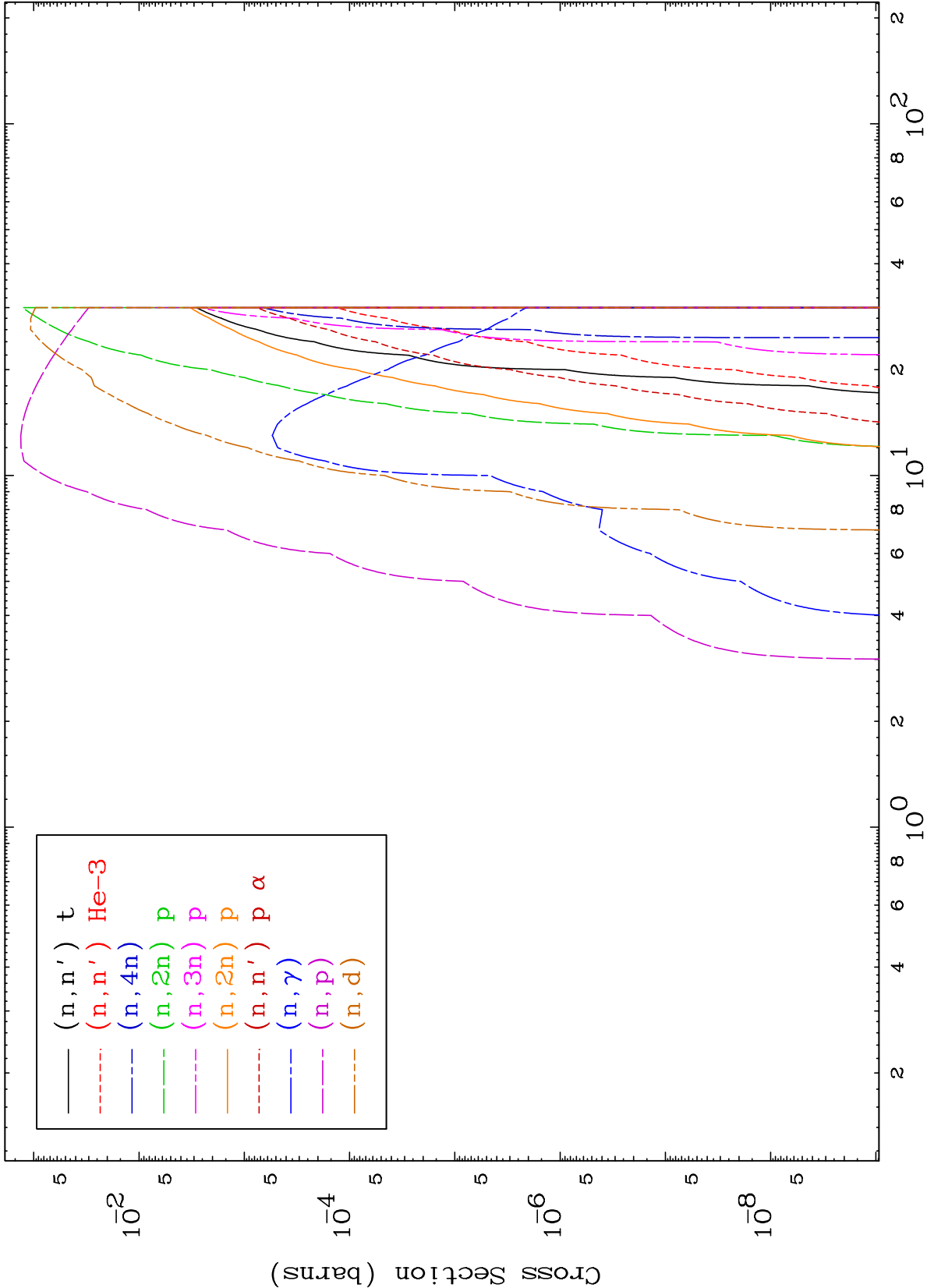


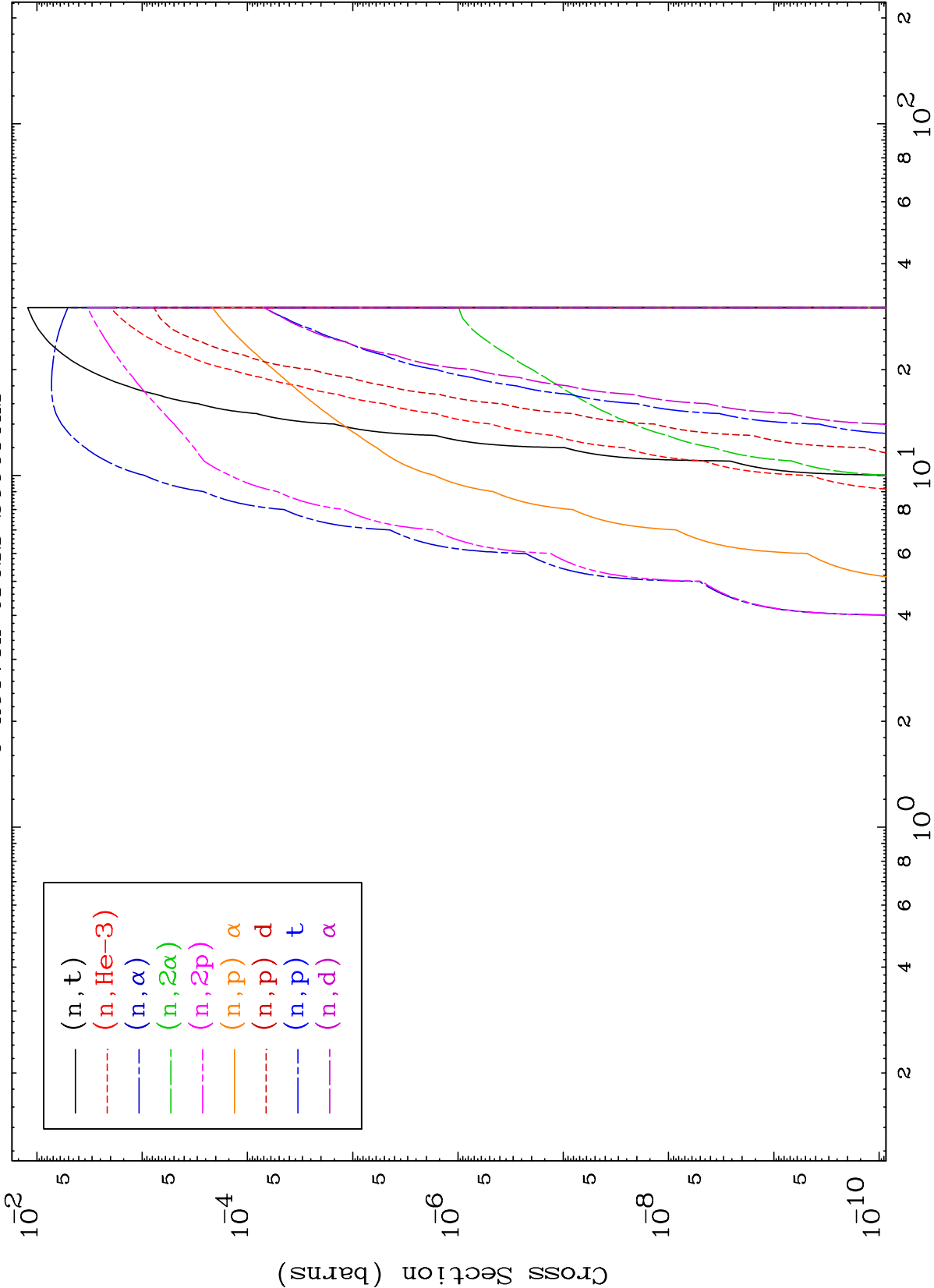
MAT 8294

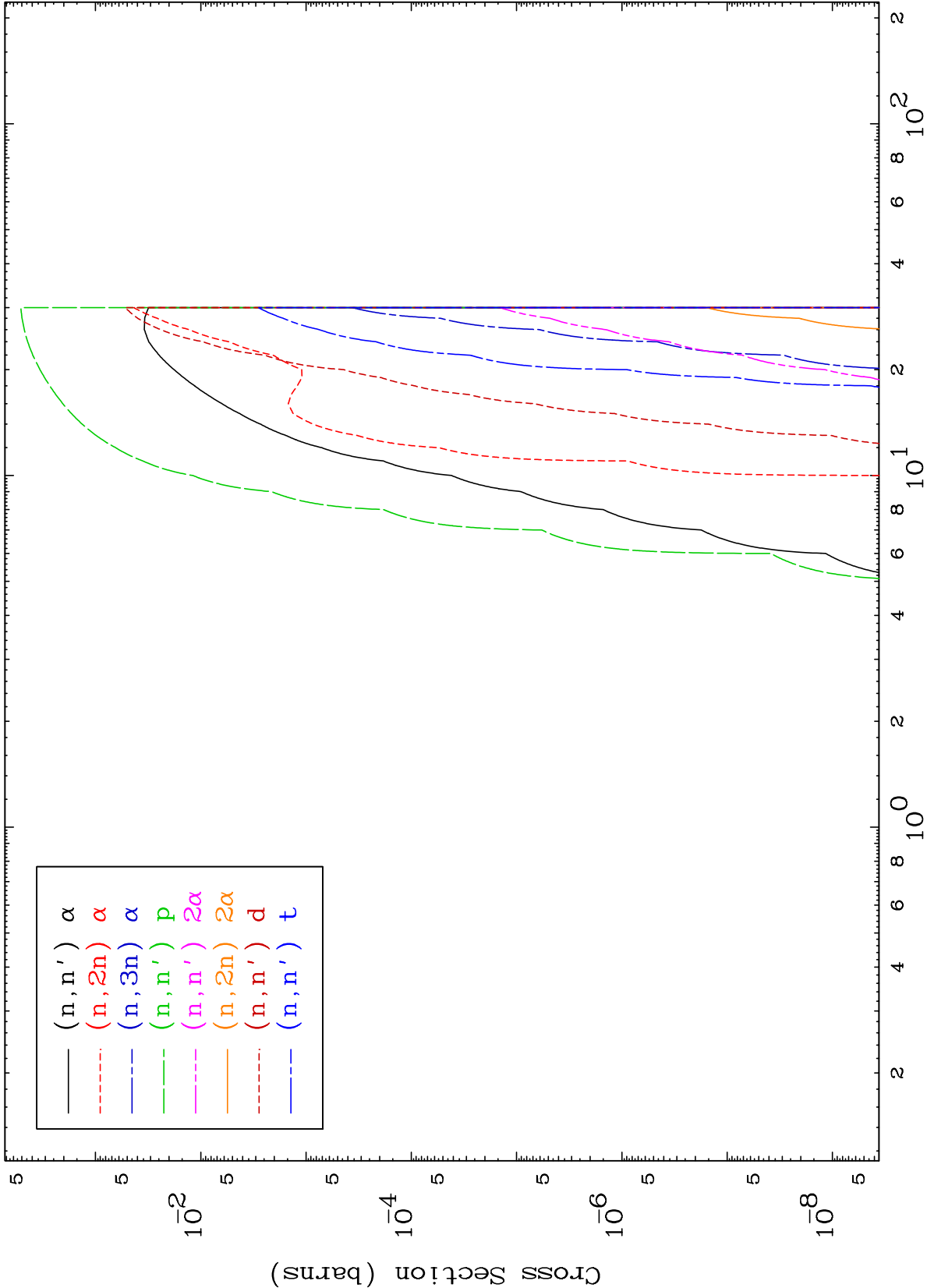
Deuteron Neutron Absorption
0 Kelvin Cross Sections

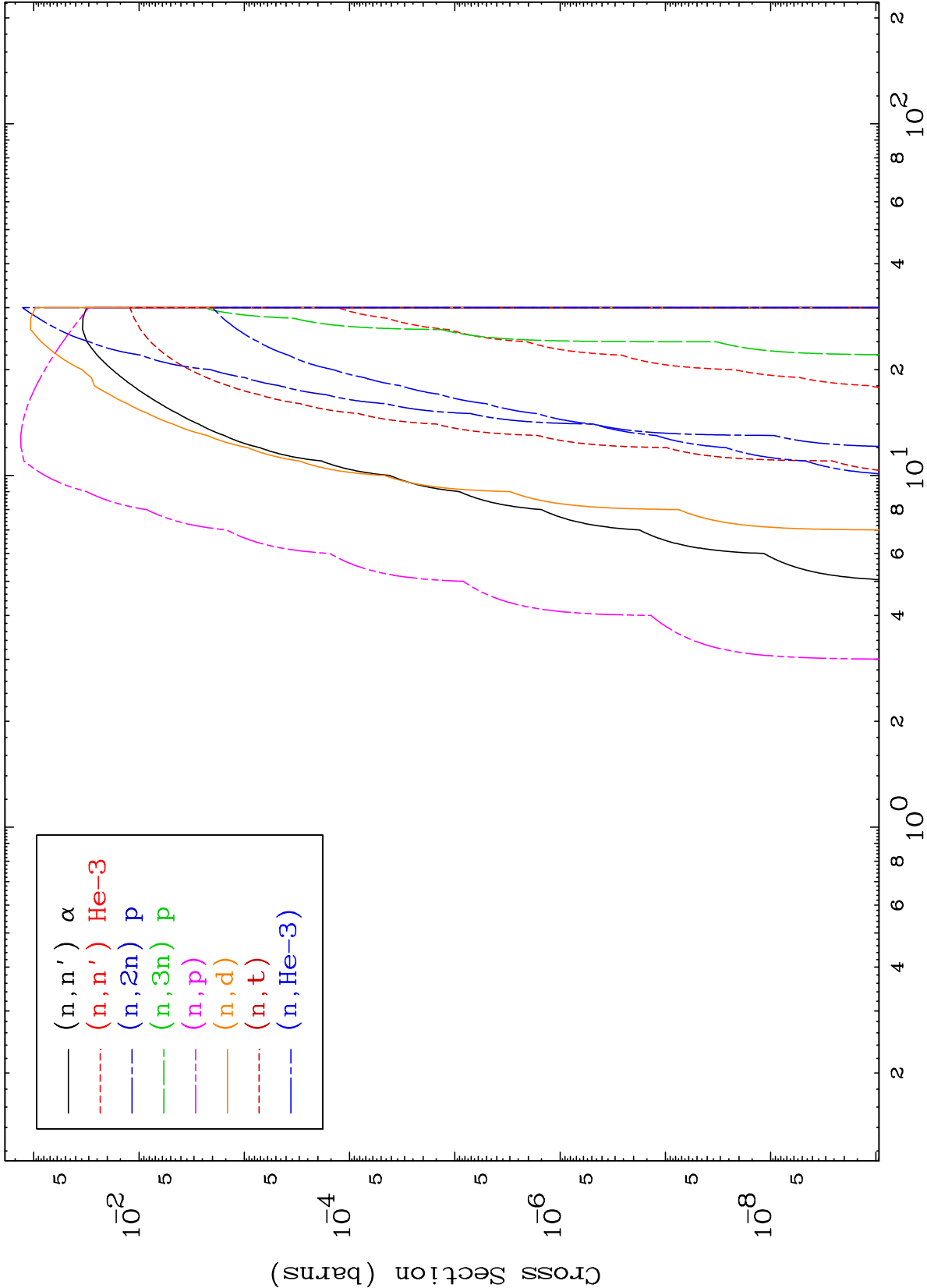
83-Bi-198n

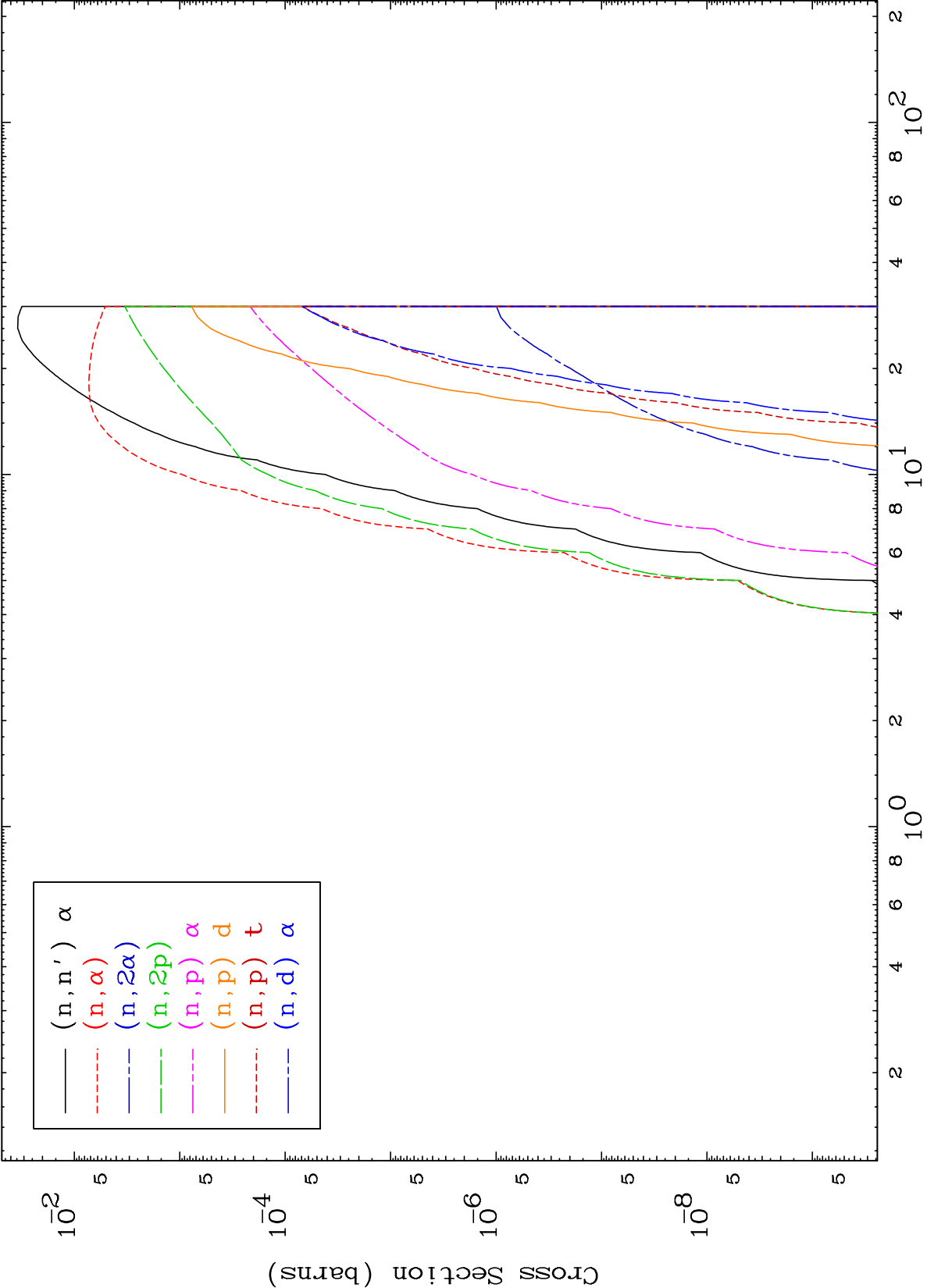








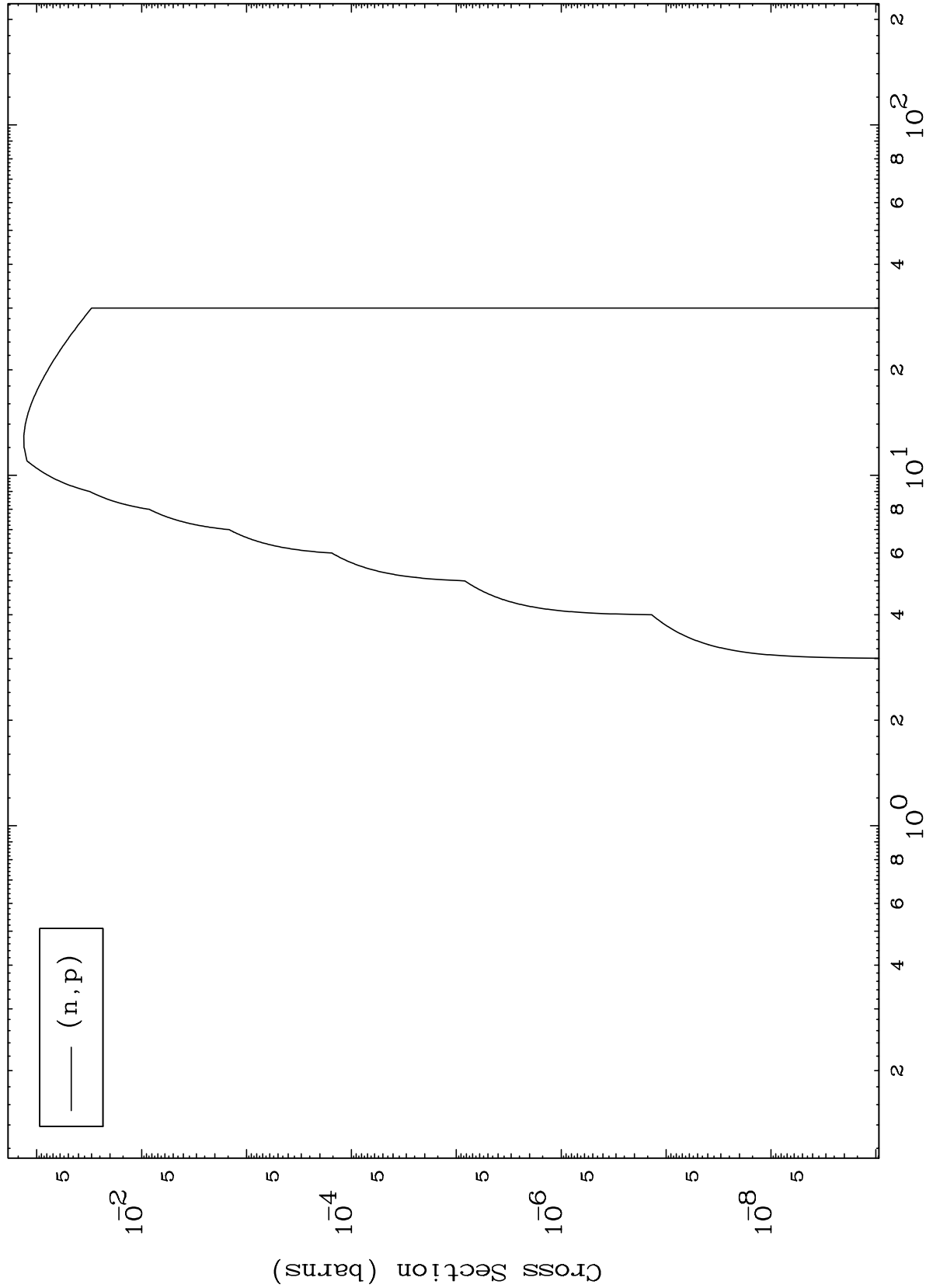




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83-Bi-198n

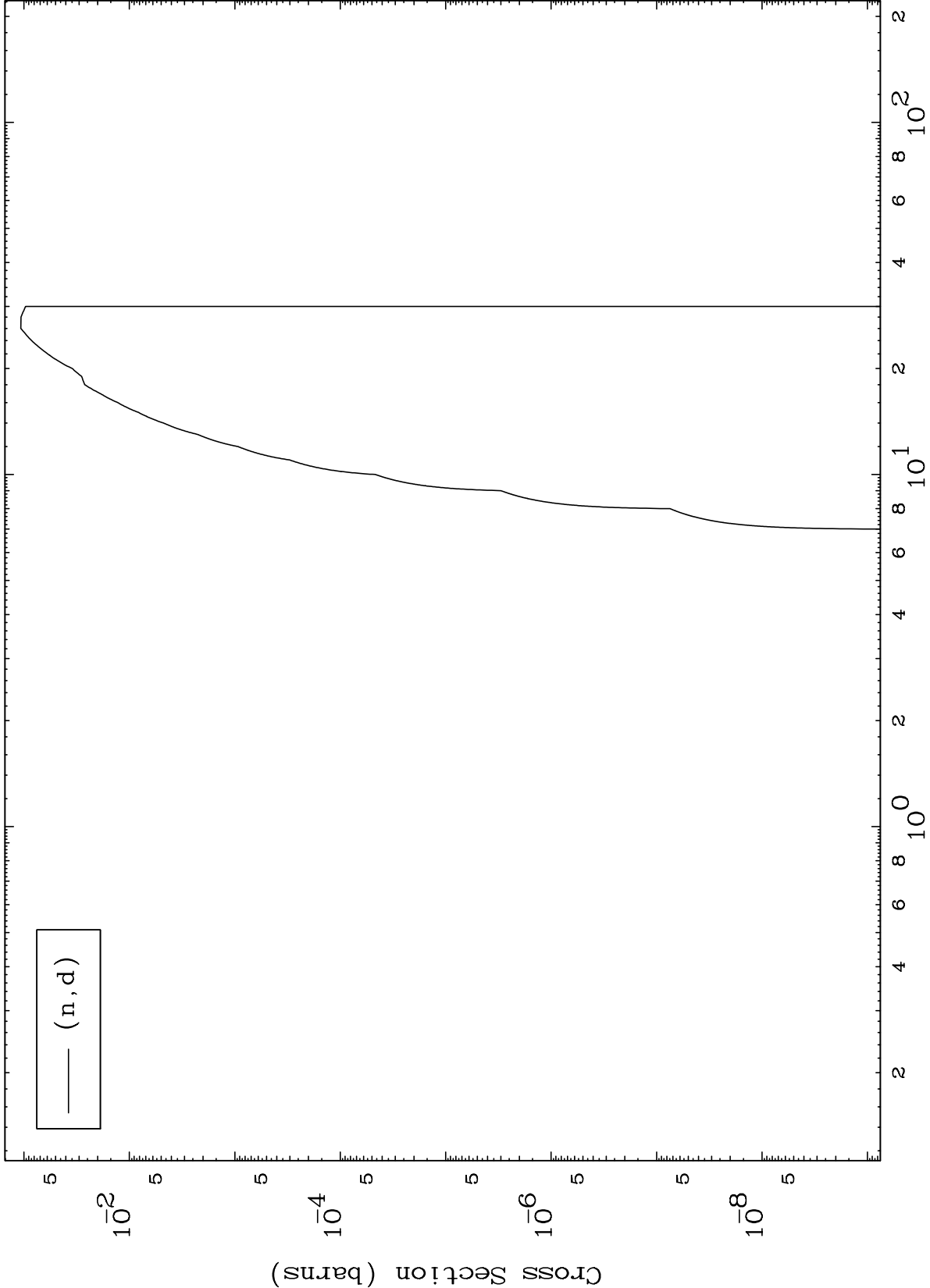
(d,p) Levels
0 Kelvin Cross Sections



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Incident Energy (MeV)

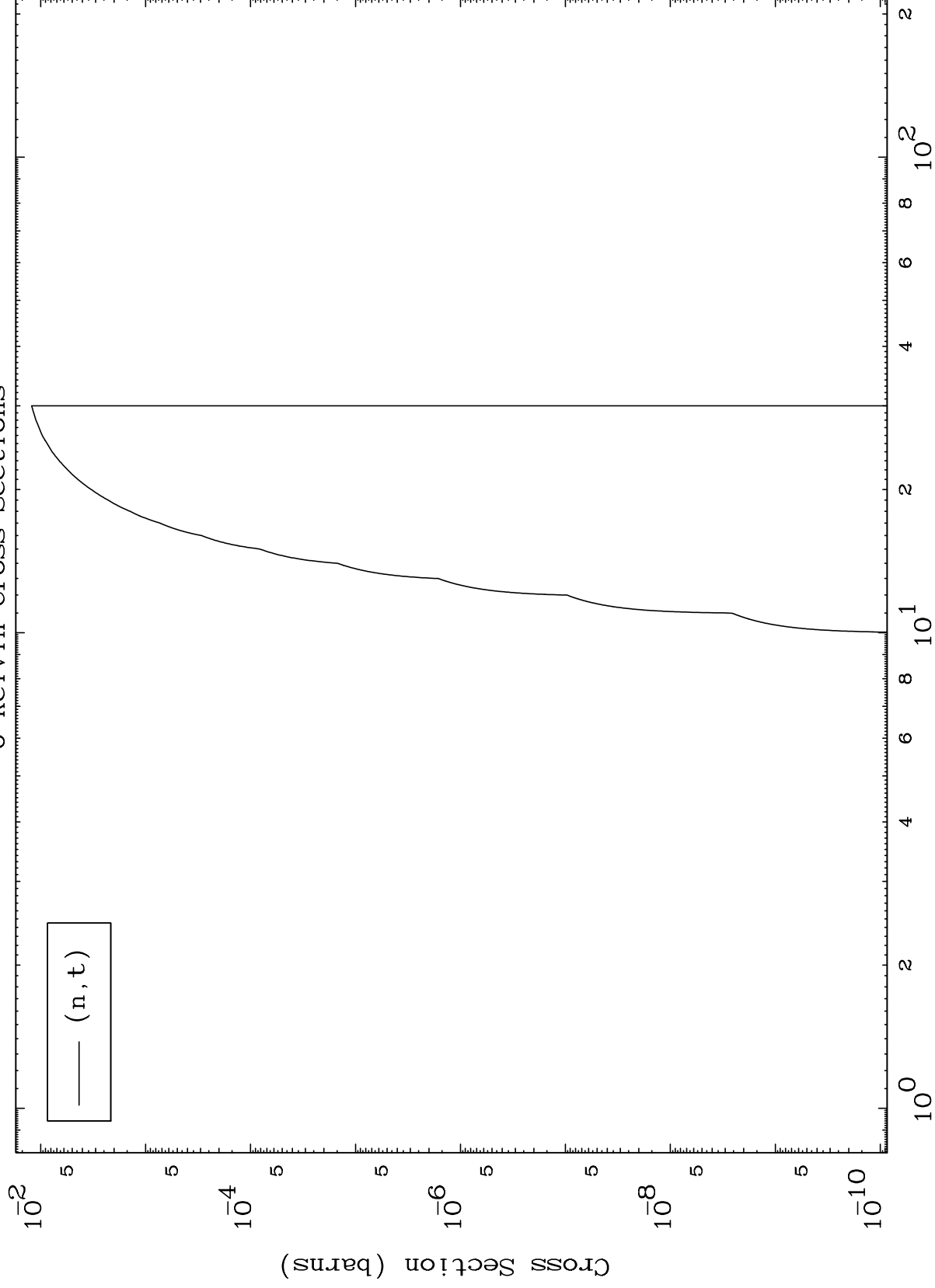
83-Bi-198n



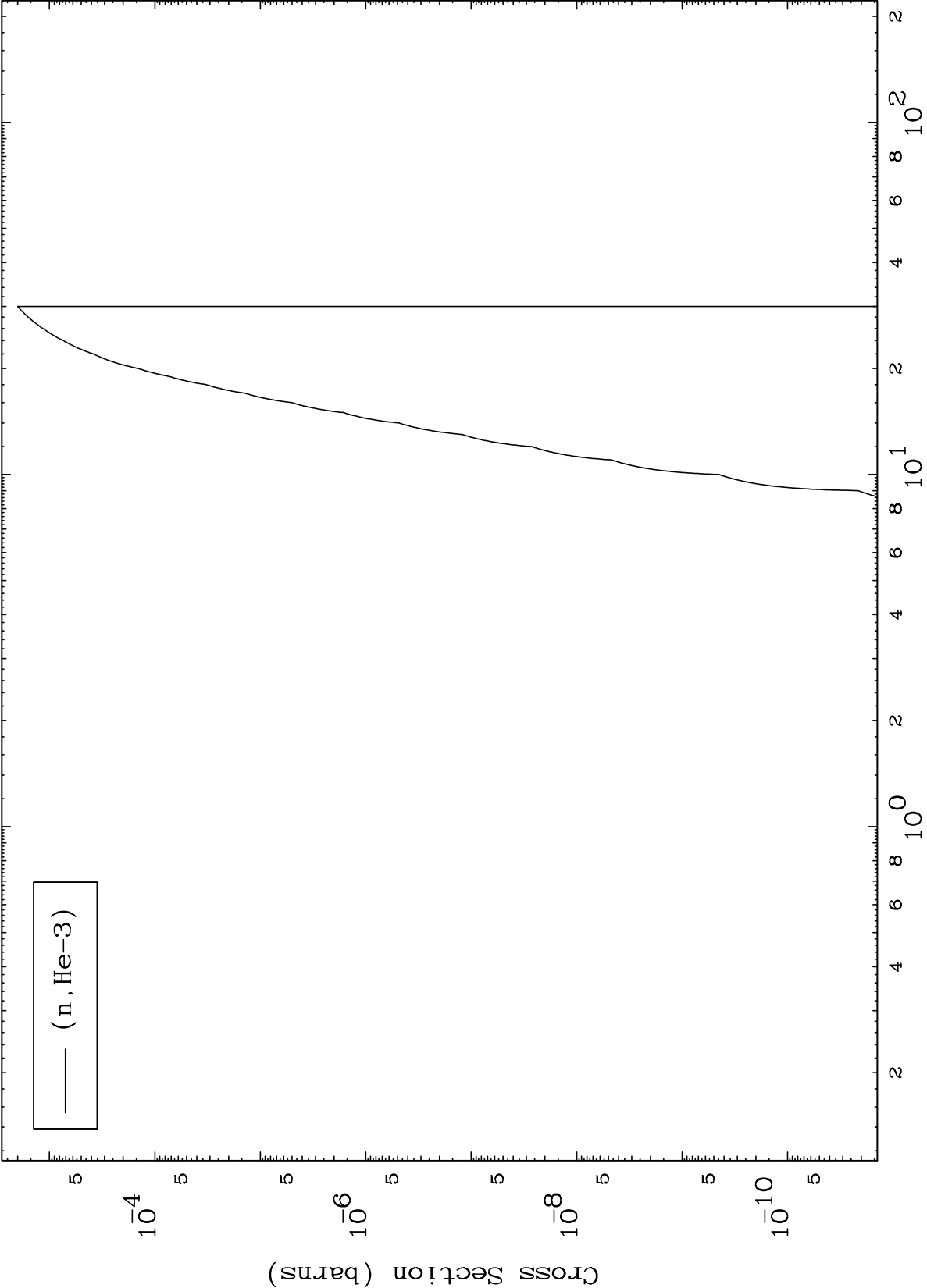
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83-Bi-198n

(d,t) Levels
0 Kelvin Cross Sections



0 Kelvin Cross Sections

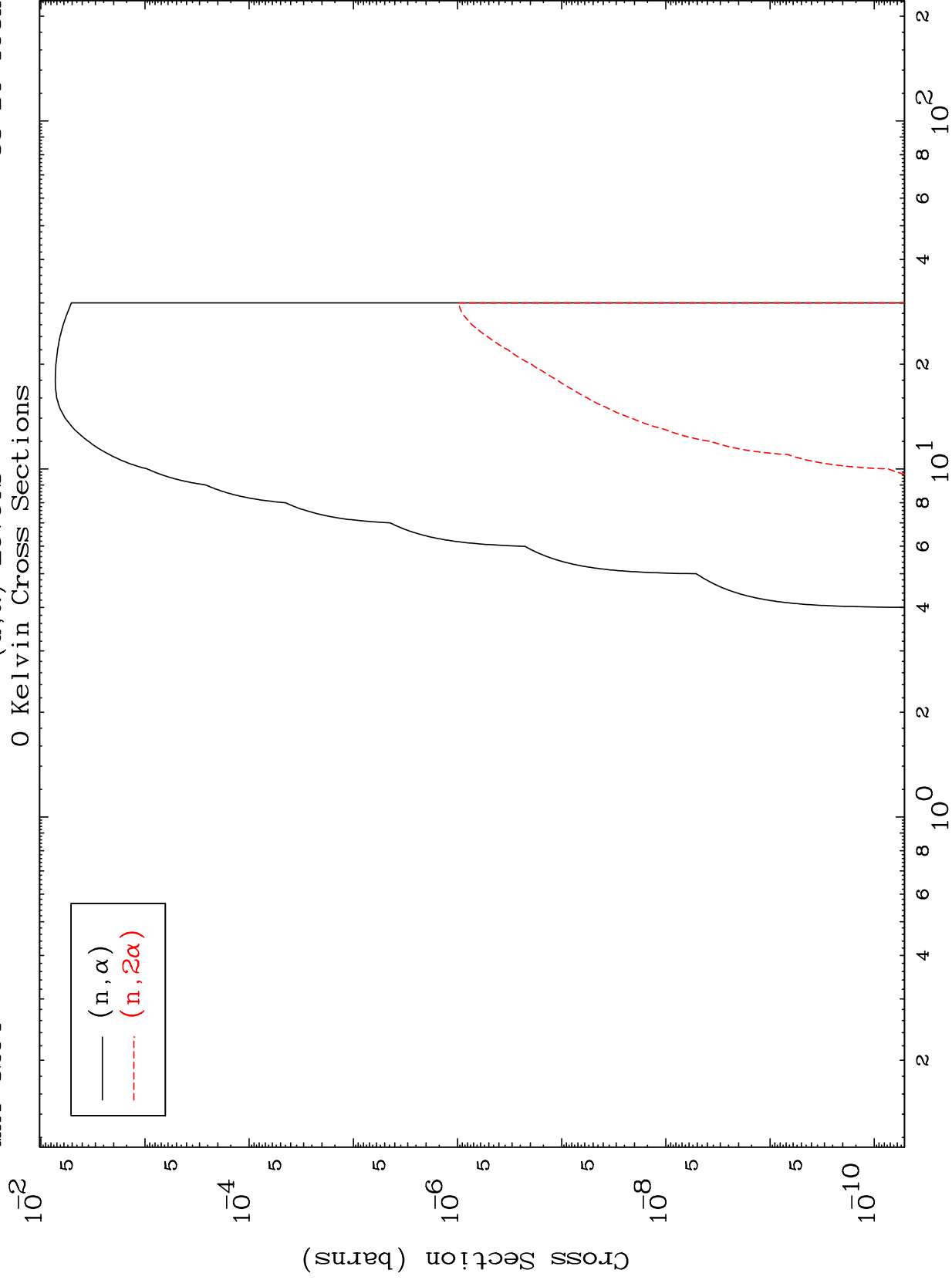


— (n, He-3)

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83-Bi-198n

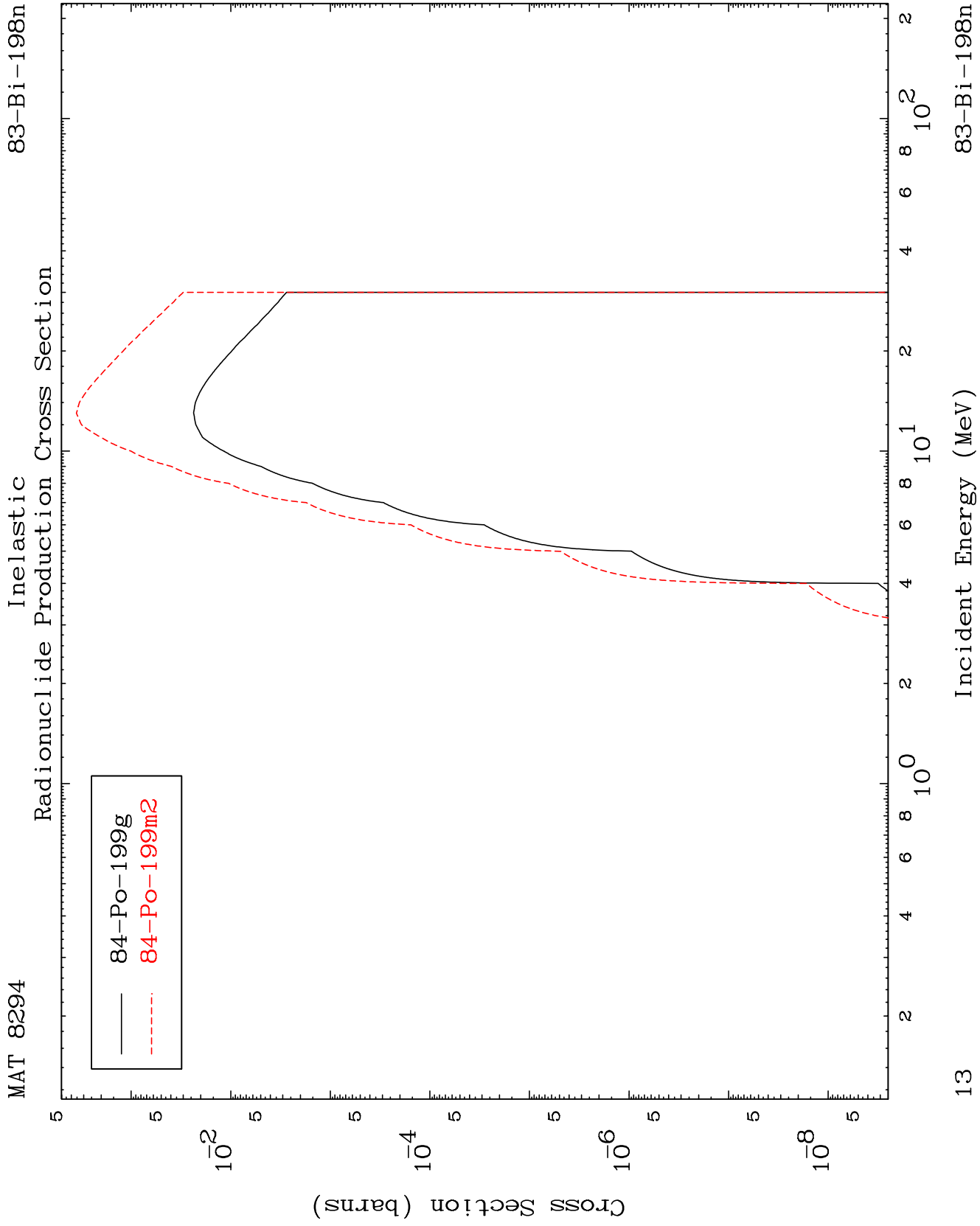
(d, α) Levels
0 Kelvin Cross Sections

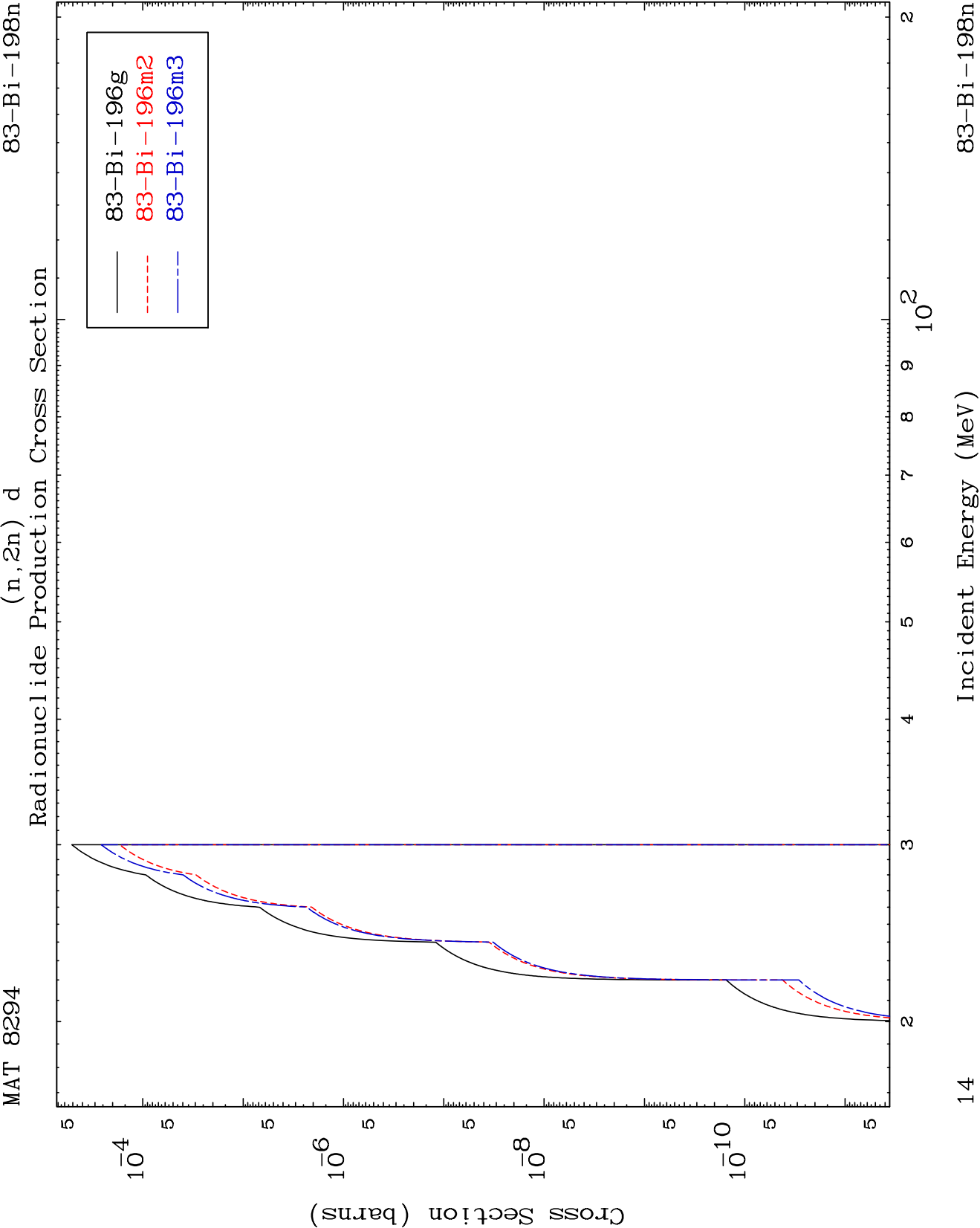


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Incident Energy (MeV)

83-Bi-198n

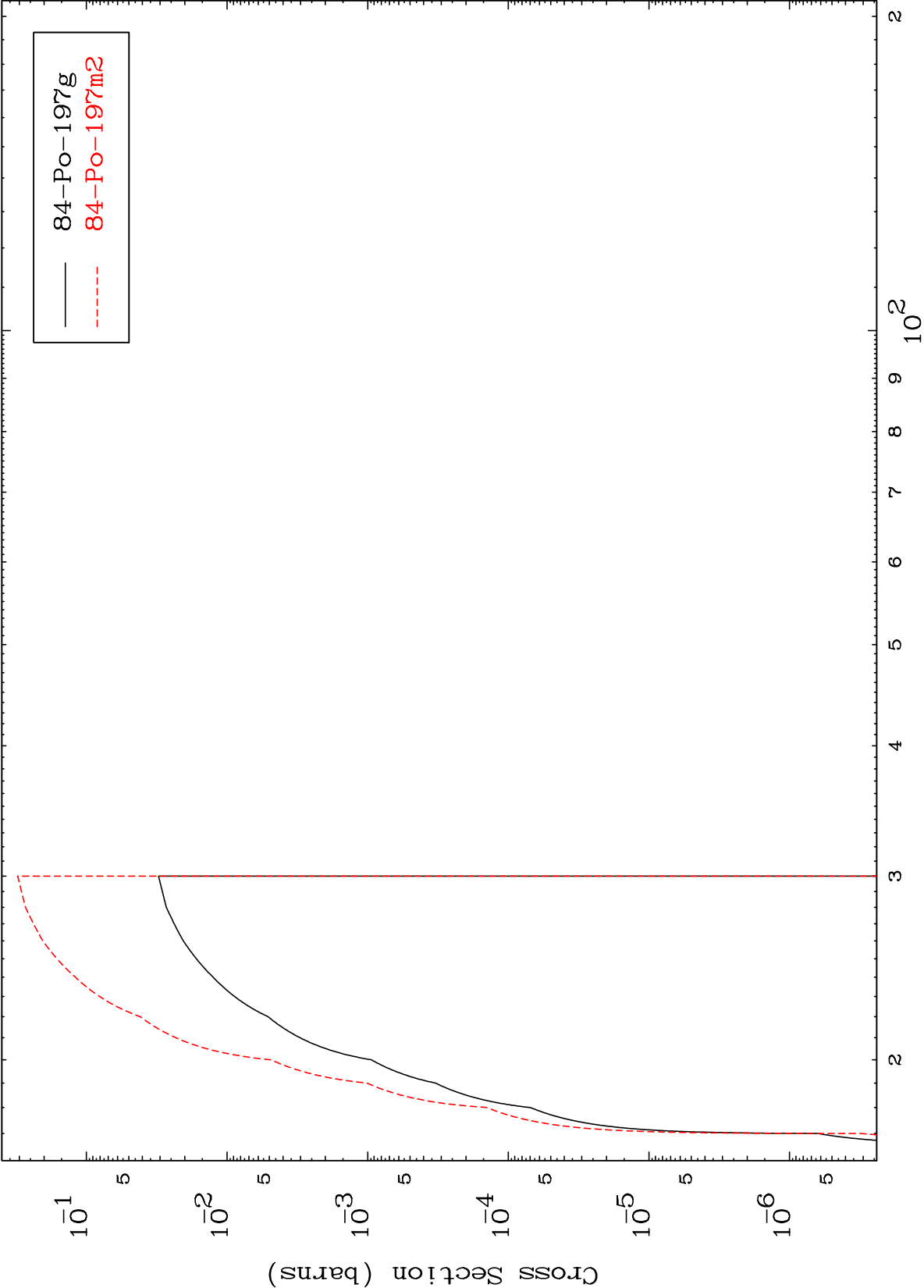




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83-Bi-198n

(n,3n)
Radionuclide Production Cross Section



83-Bi-198n

Incident Energy (MeV)

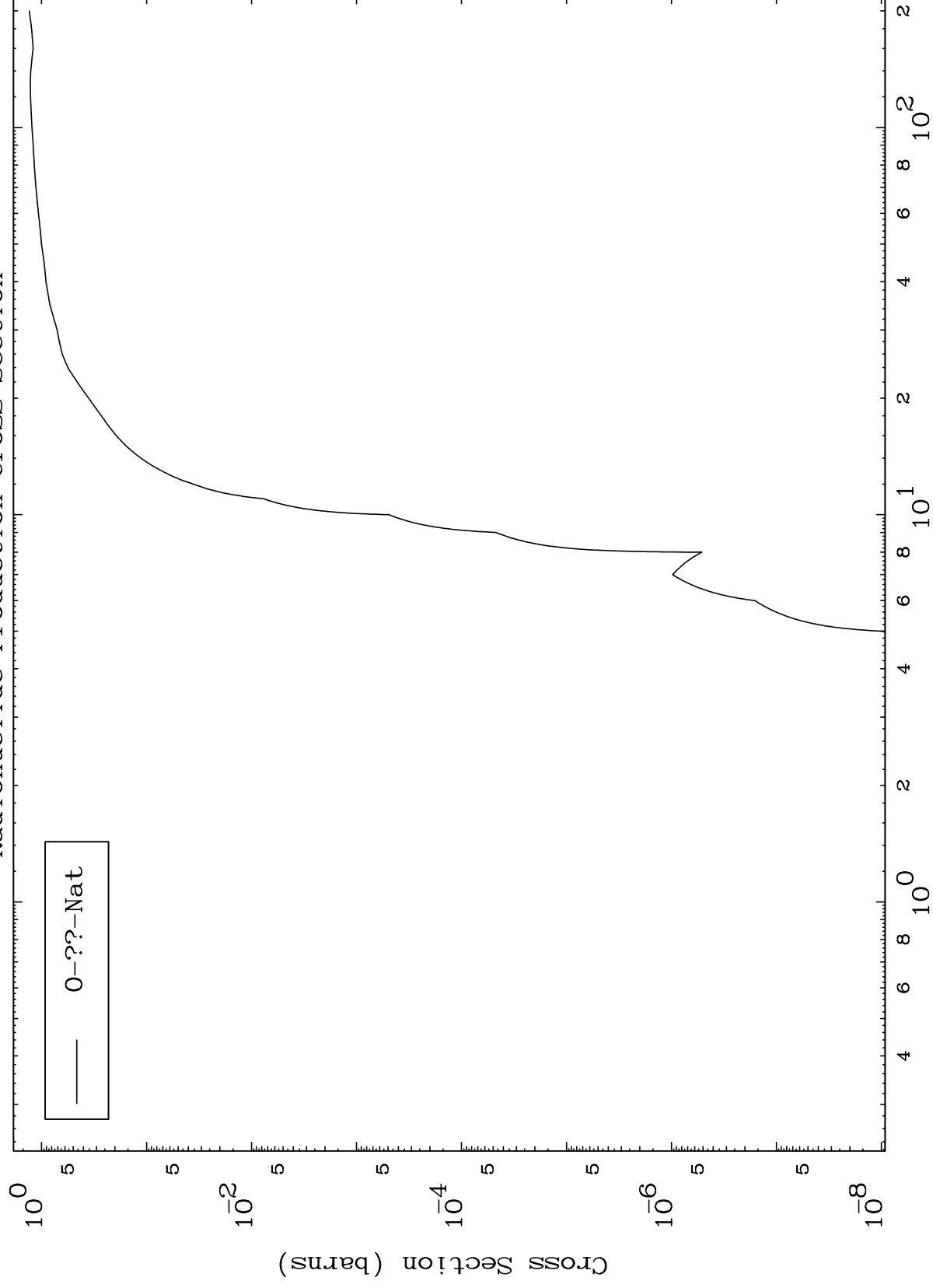
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Fission

83-Bi-198n

Radionuclide Production Cross Section



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Incident Energy (MeV)

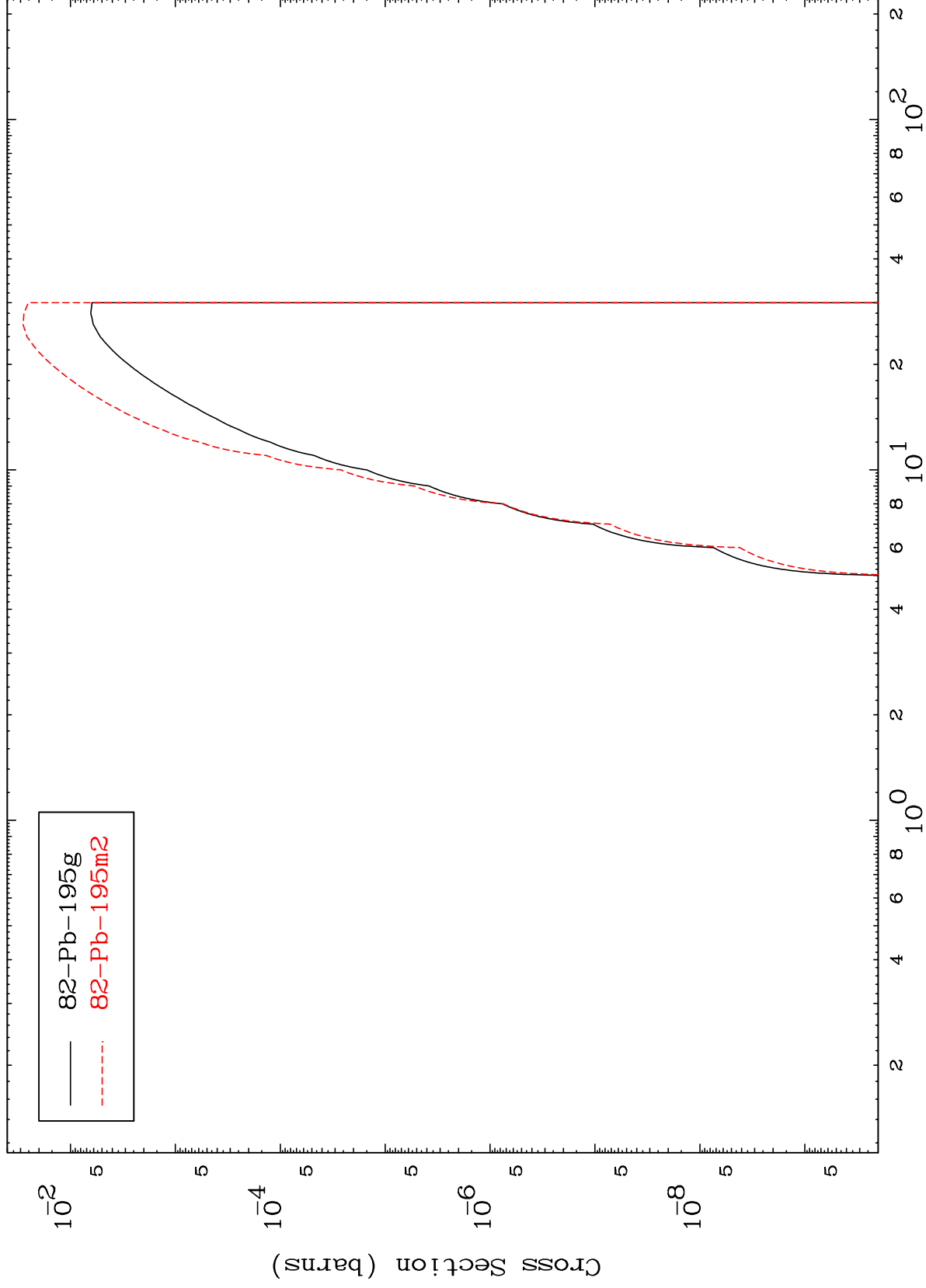
83-Bi-198n

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83-Bi-198n

(n,n') α

Radionuclide Production Cross Section



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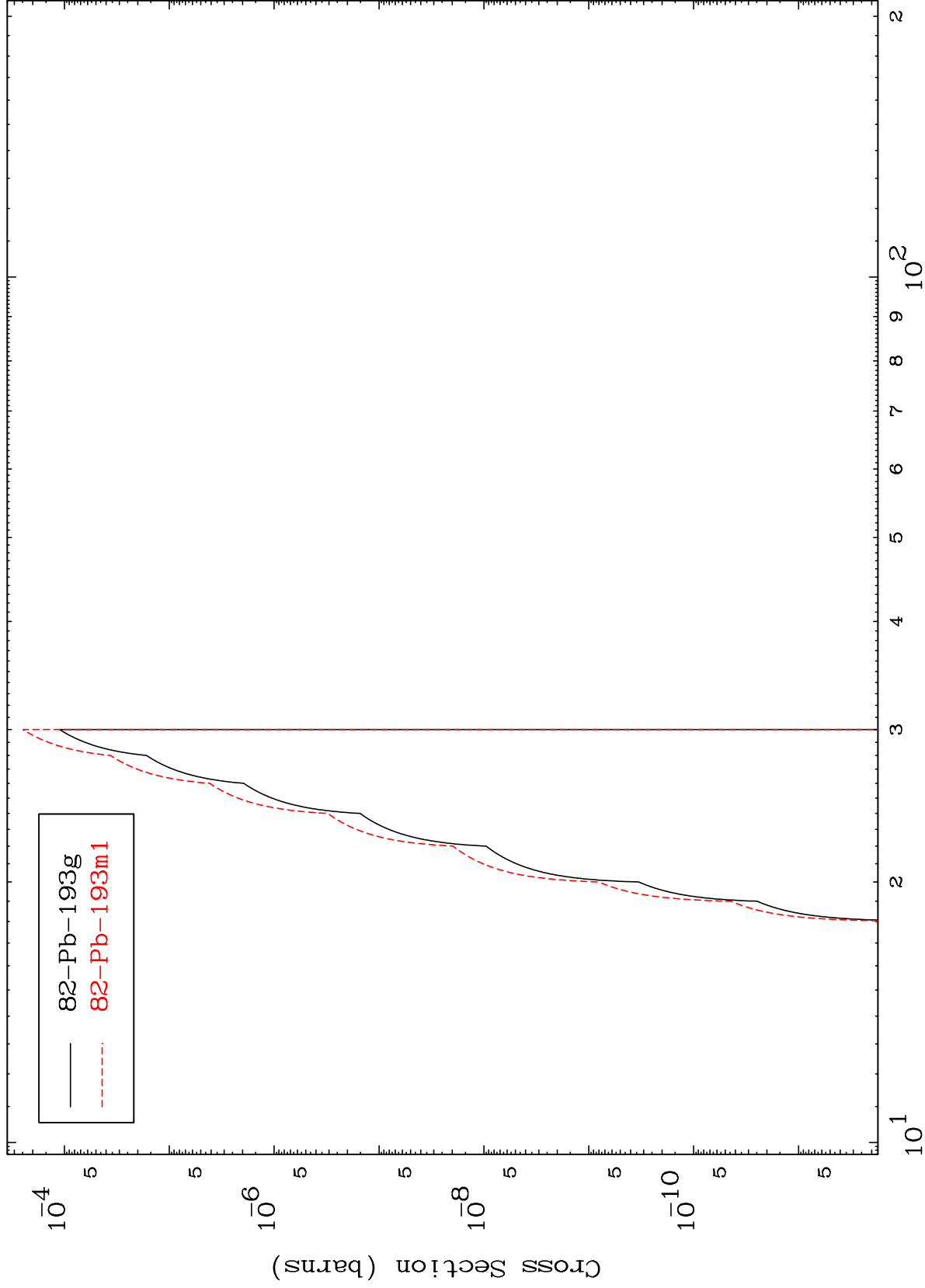
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,3n) α
Radionuclide Production Cross Section



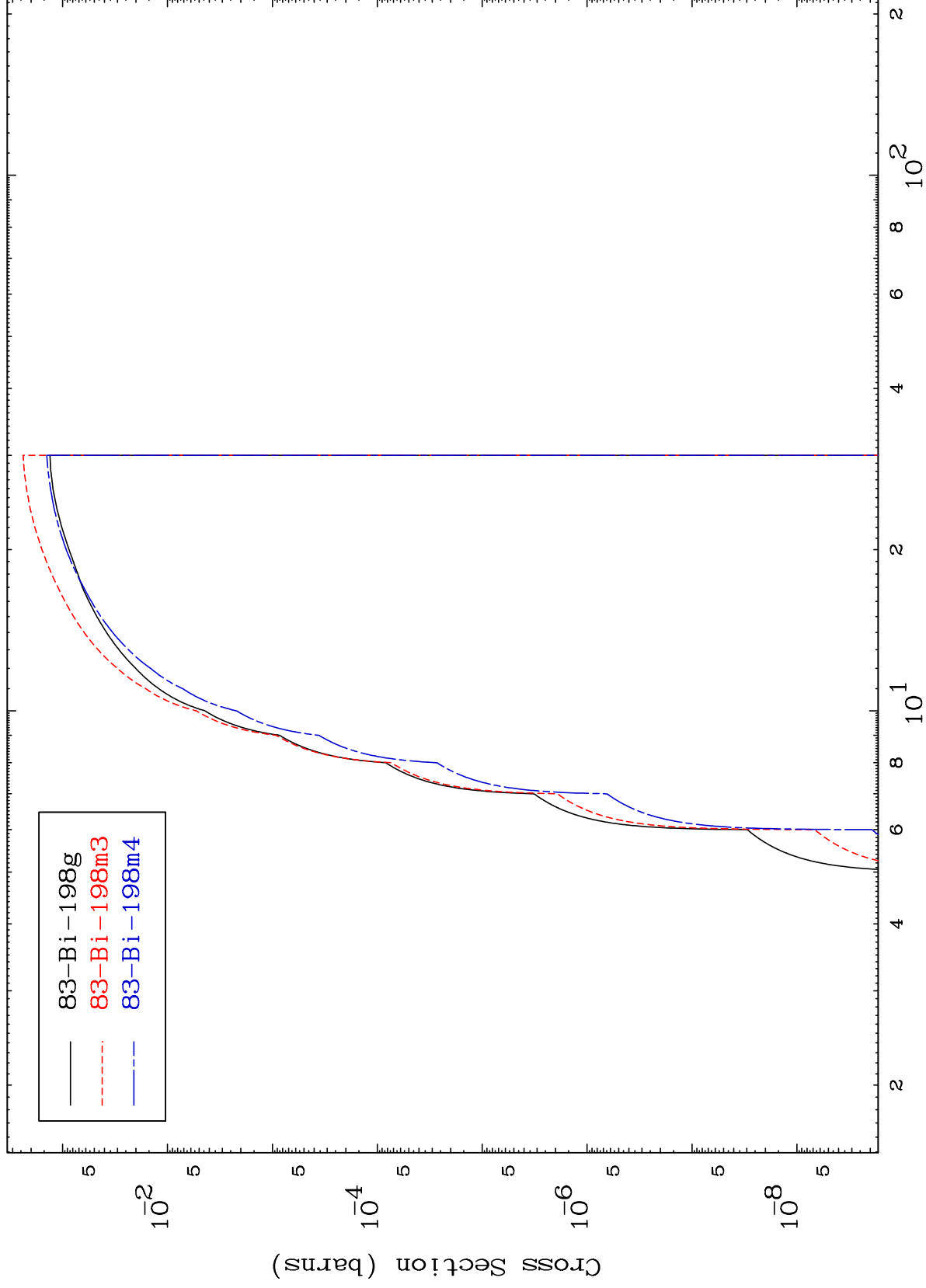
83-Bi-198n

Incident Energy (MeV)

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83-Bi-198n

(n,n') p
Radionuclide Production Cross Section



19

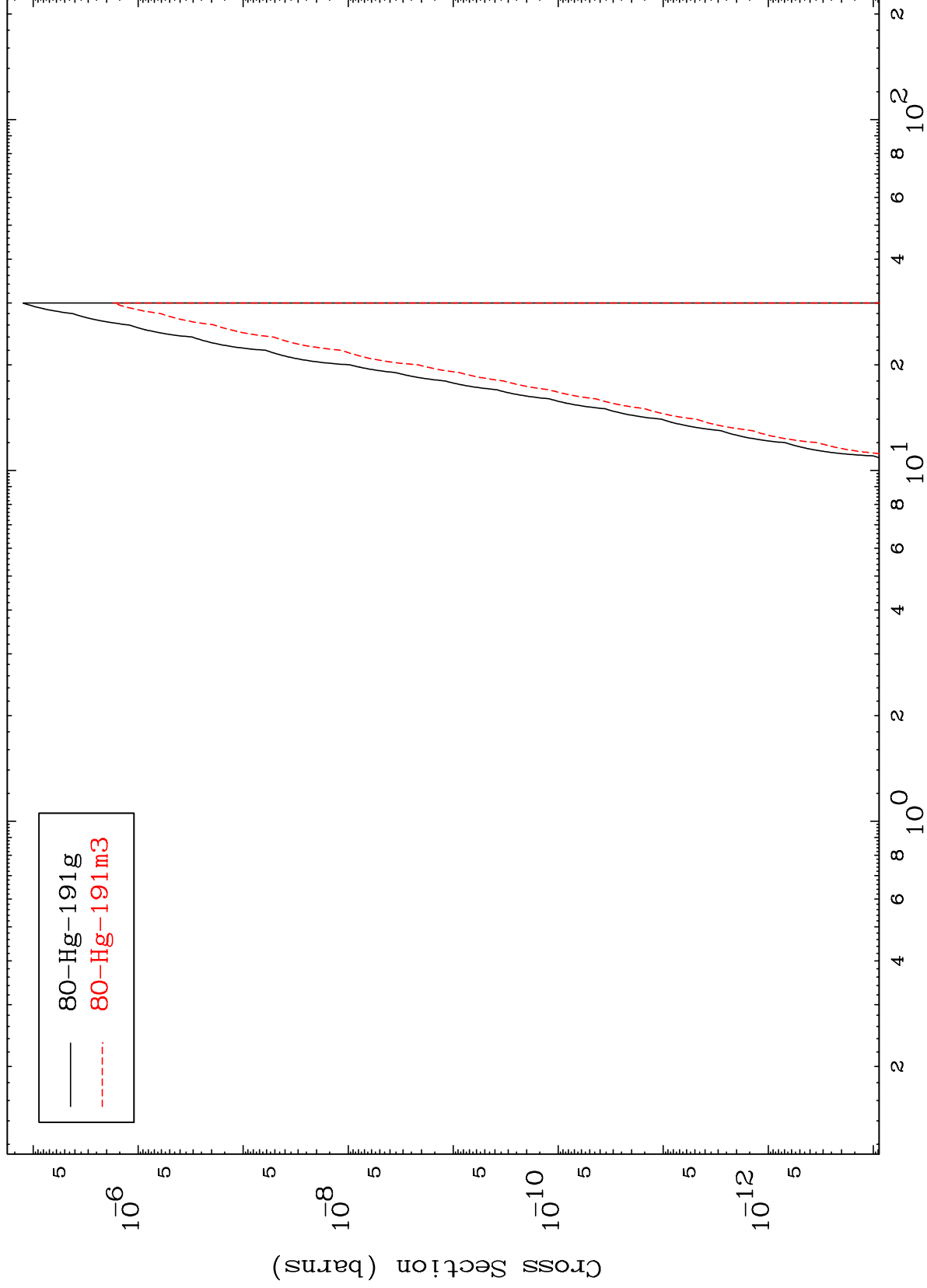
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,n') 2 α
Radionuclide Production Cross Section



20

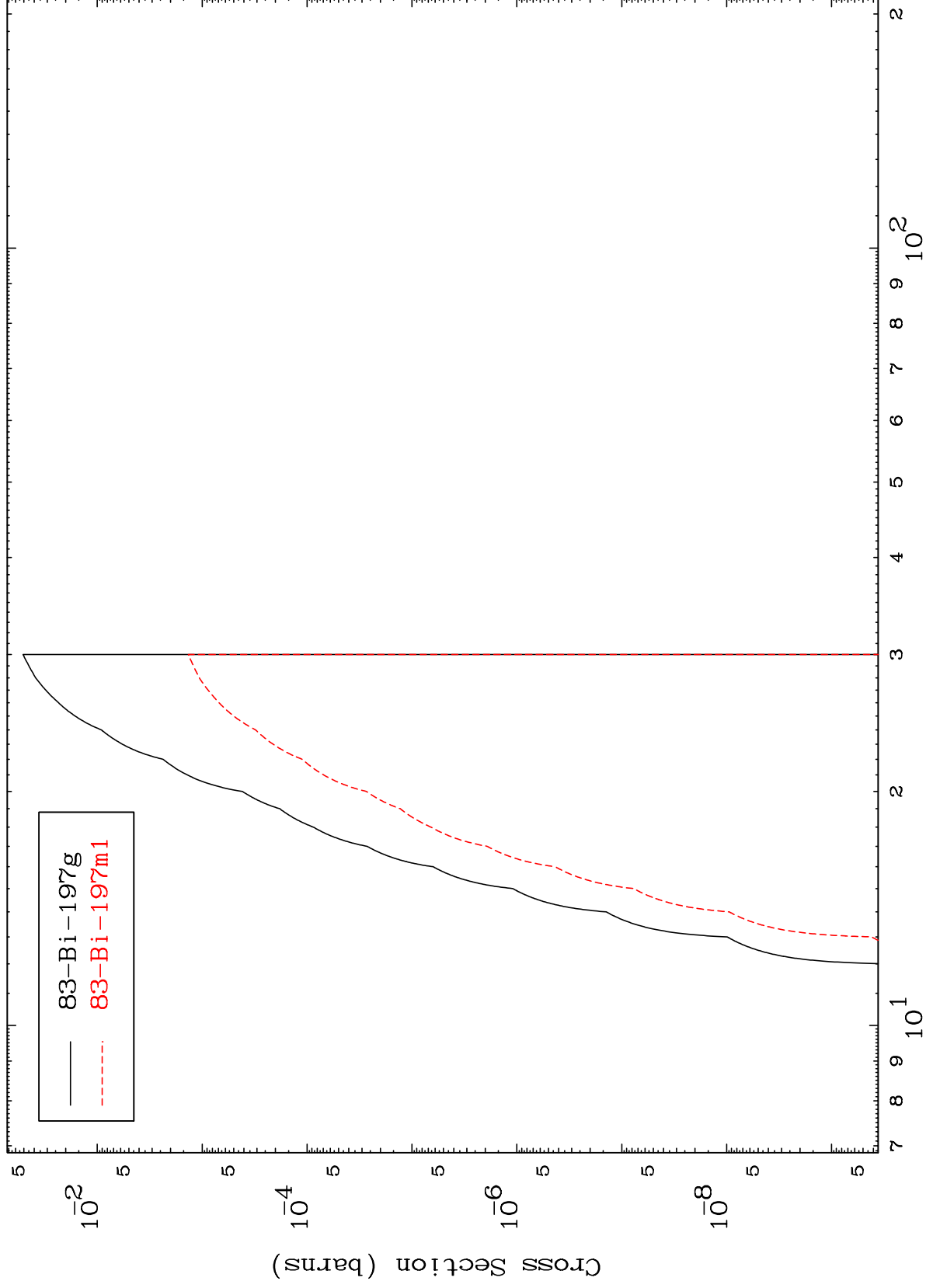
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,n') d
Radionuclide Production Cross Section

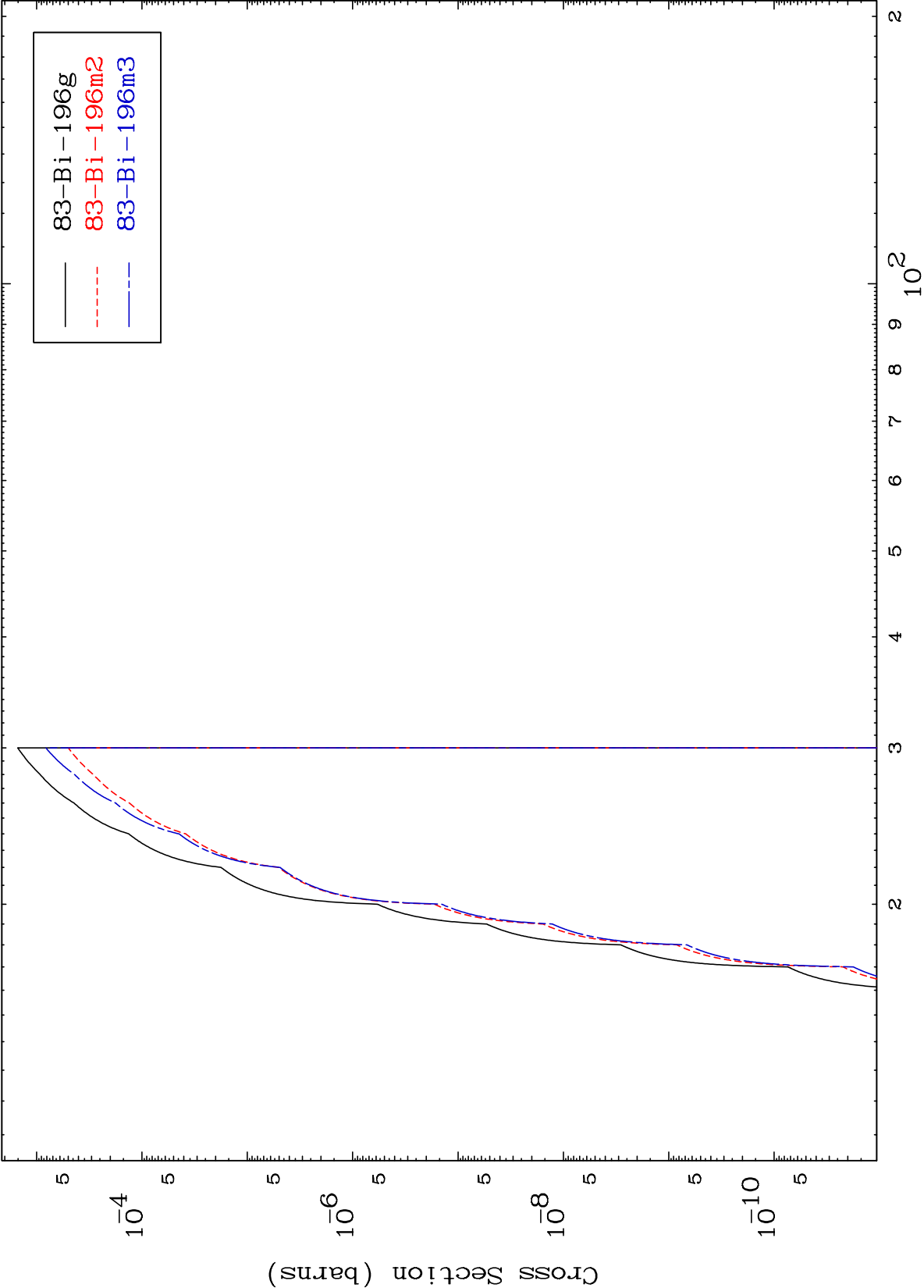


Incident Energy (MeV)

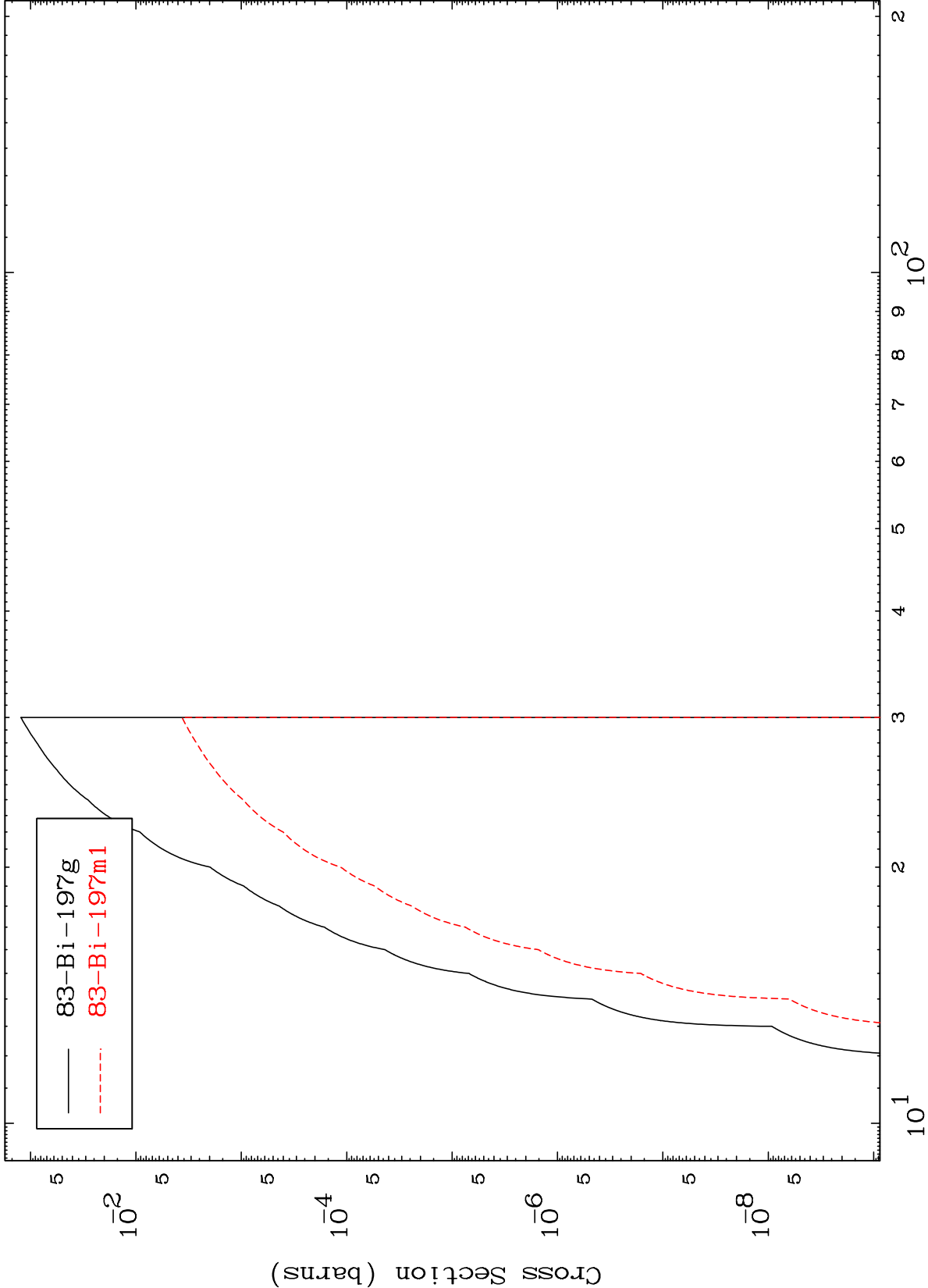
83-Bi-198n

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Radionuclide Production Cross Section

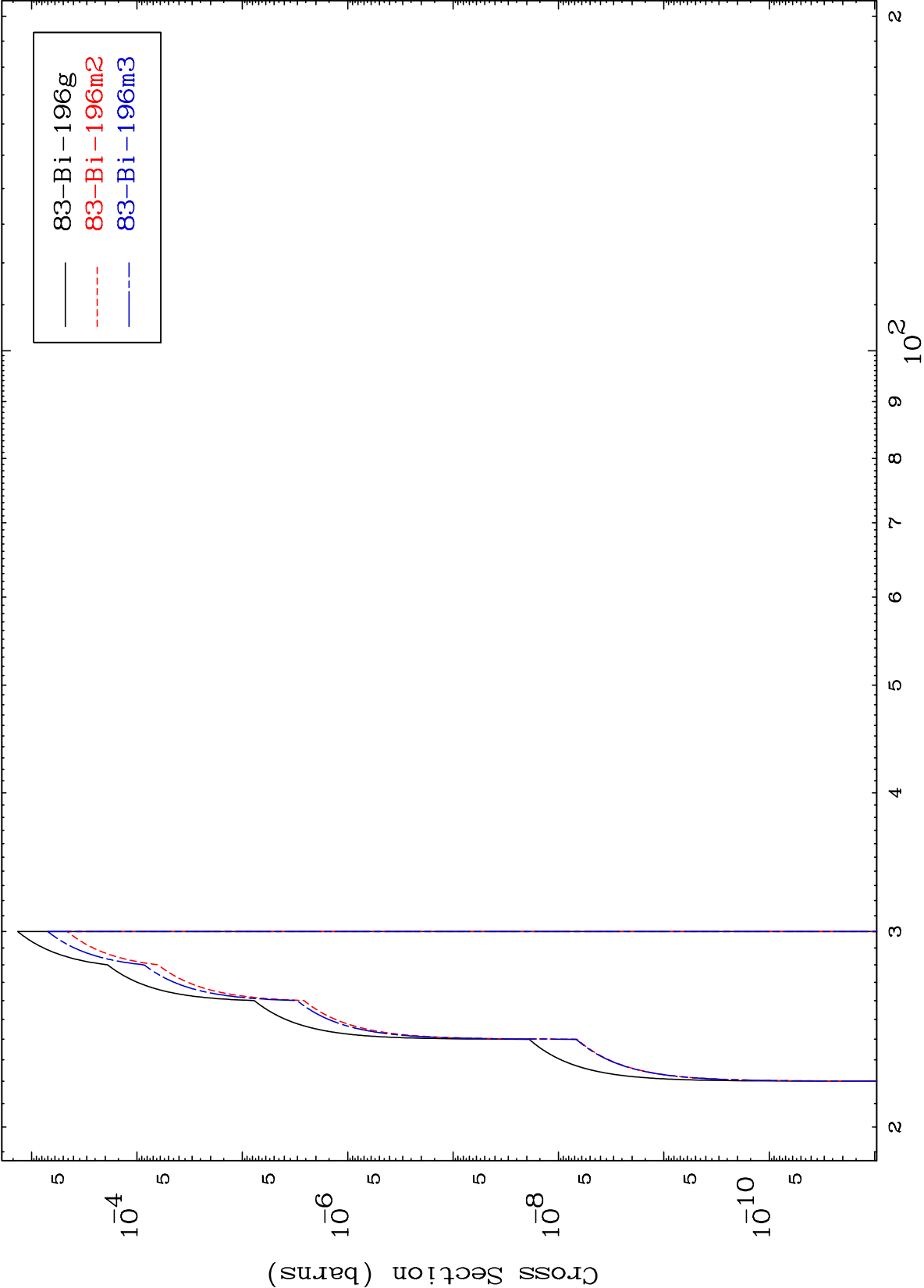


Radionuclide Production Cross Section



Incident Energy (MeV)

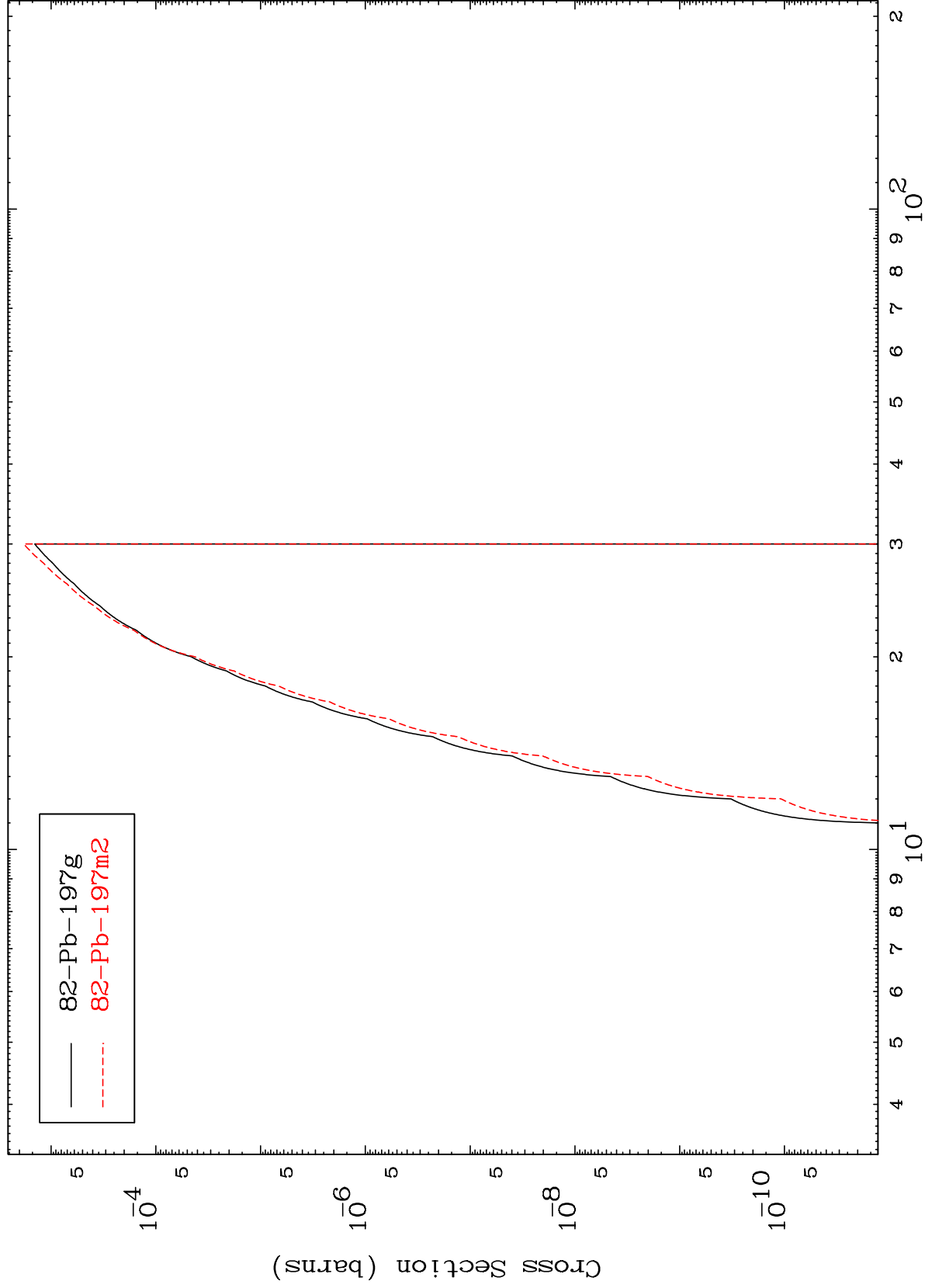
Radionuclide Production Cross Section



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83-Bi-198n

(n,2n) p
Radionuclide Production Cross Section



25

Incident Energy (MeV)

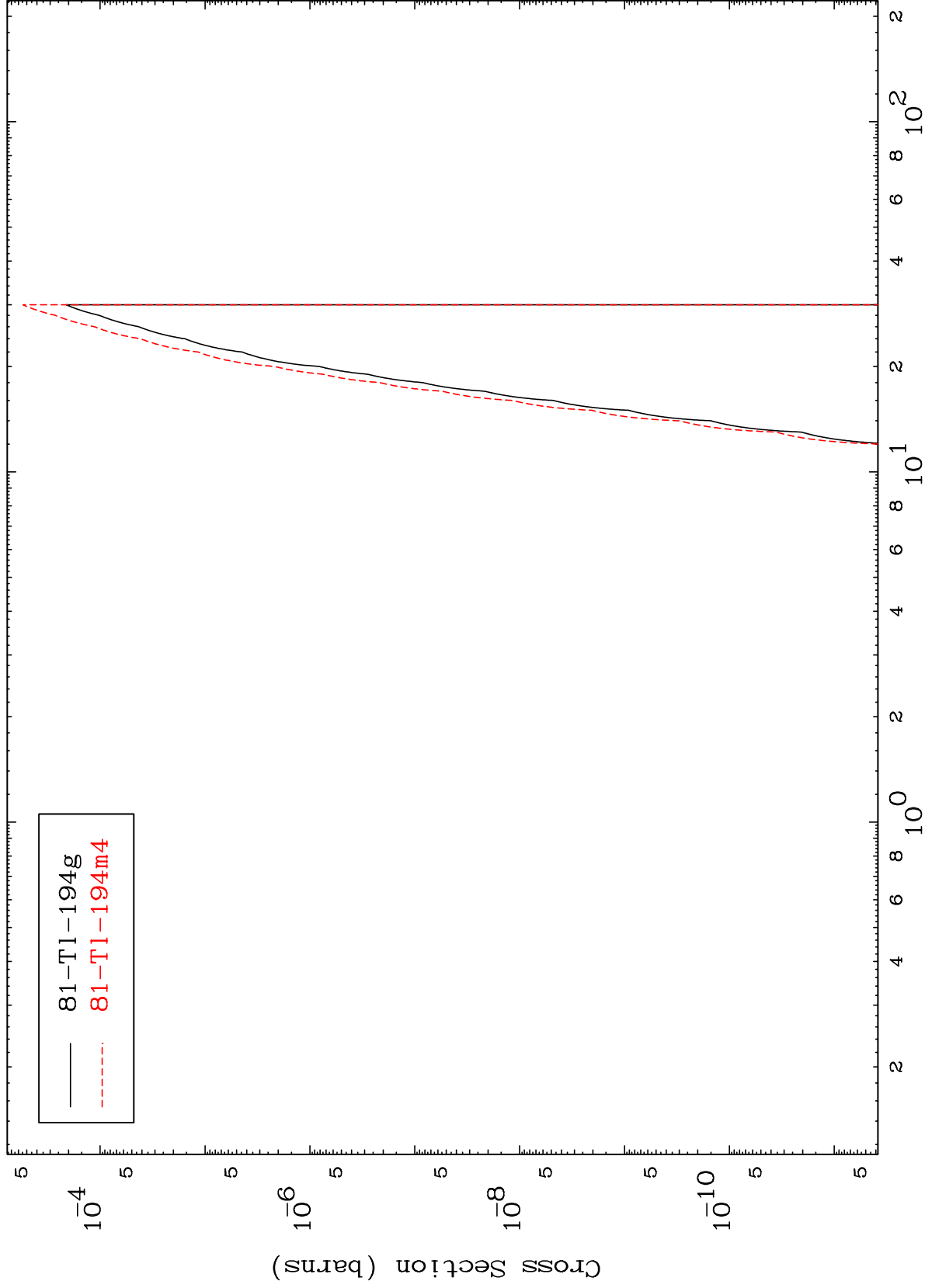
83-Bi-198n

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(n,n') p α

83-Bi-198n

Radionuclide Production Cross Section



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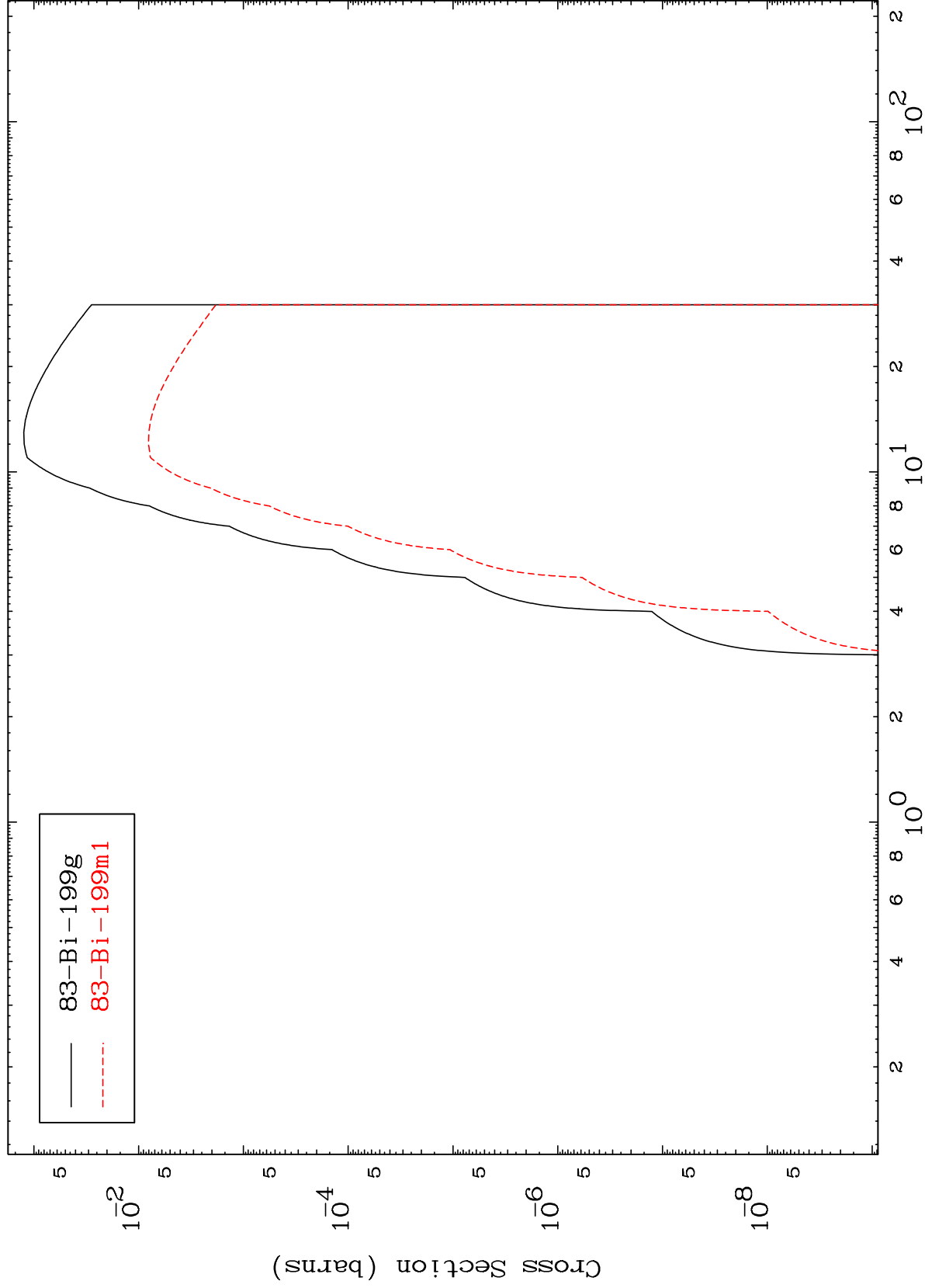
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,p)
Radionuclide Production Cross Section



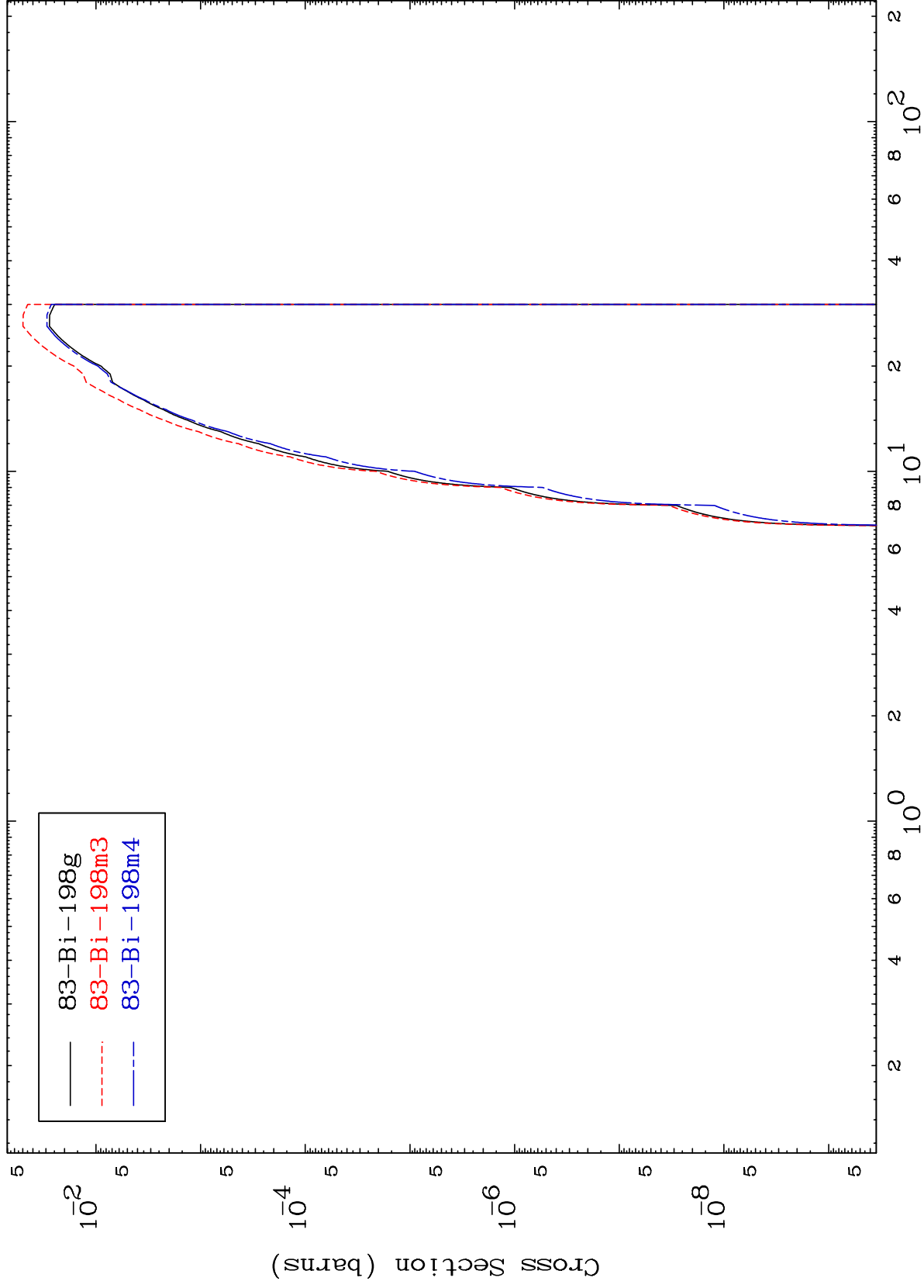
27

83-Bi-198n

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83-Bi-198n

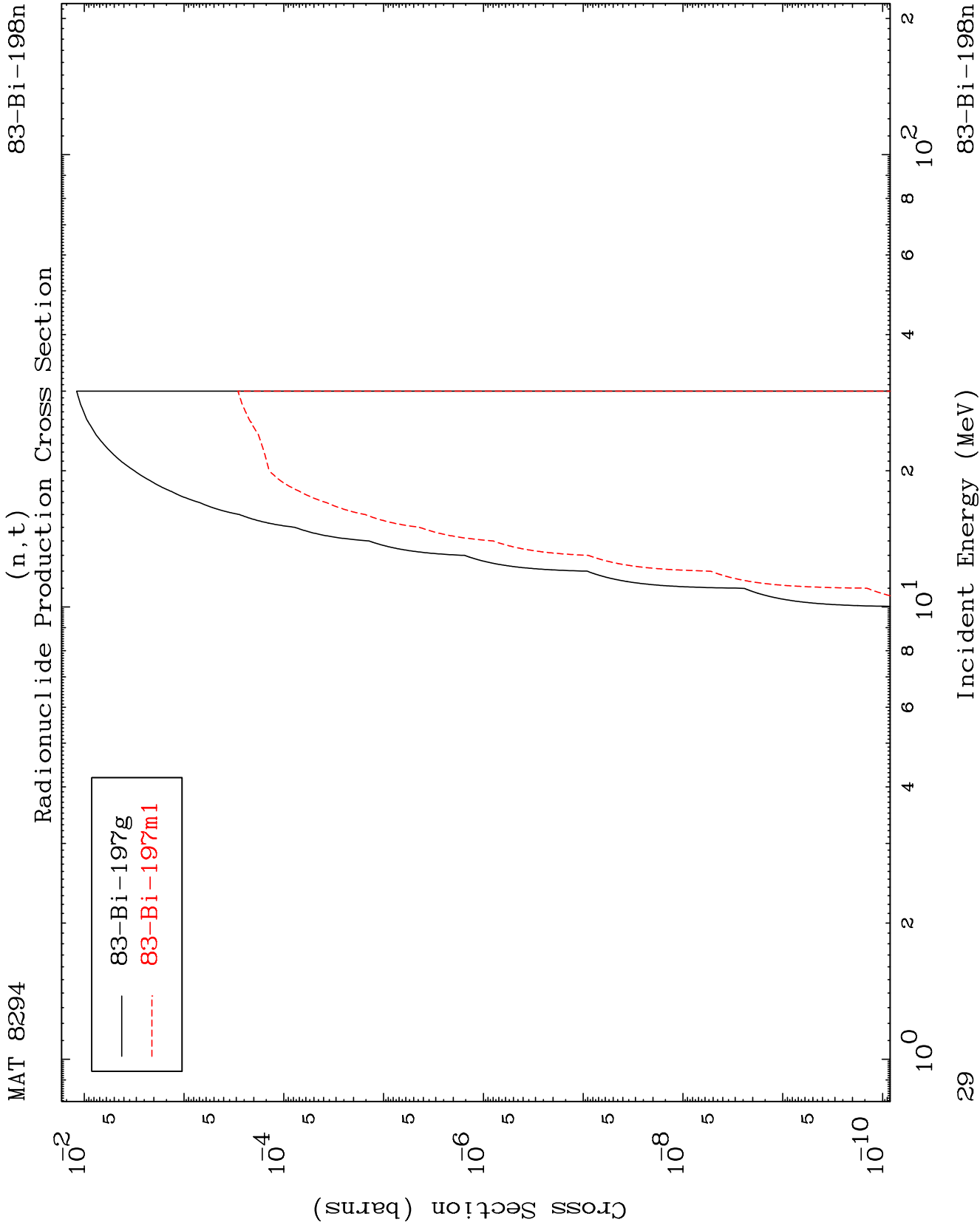
(n,d)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

83-Bi-198n

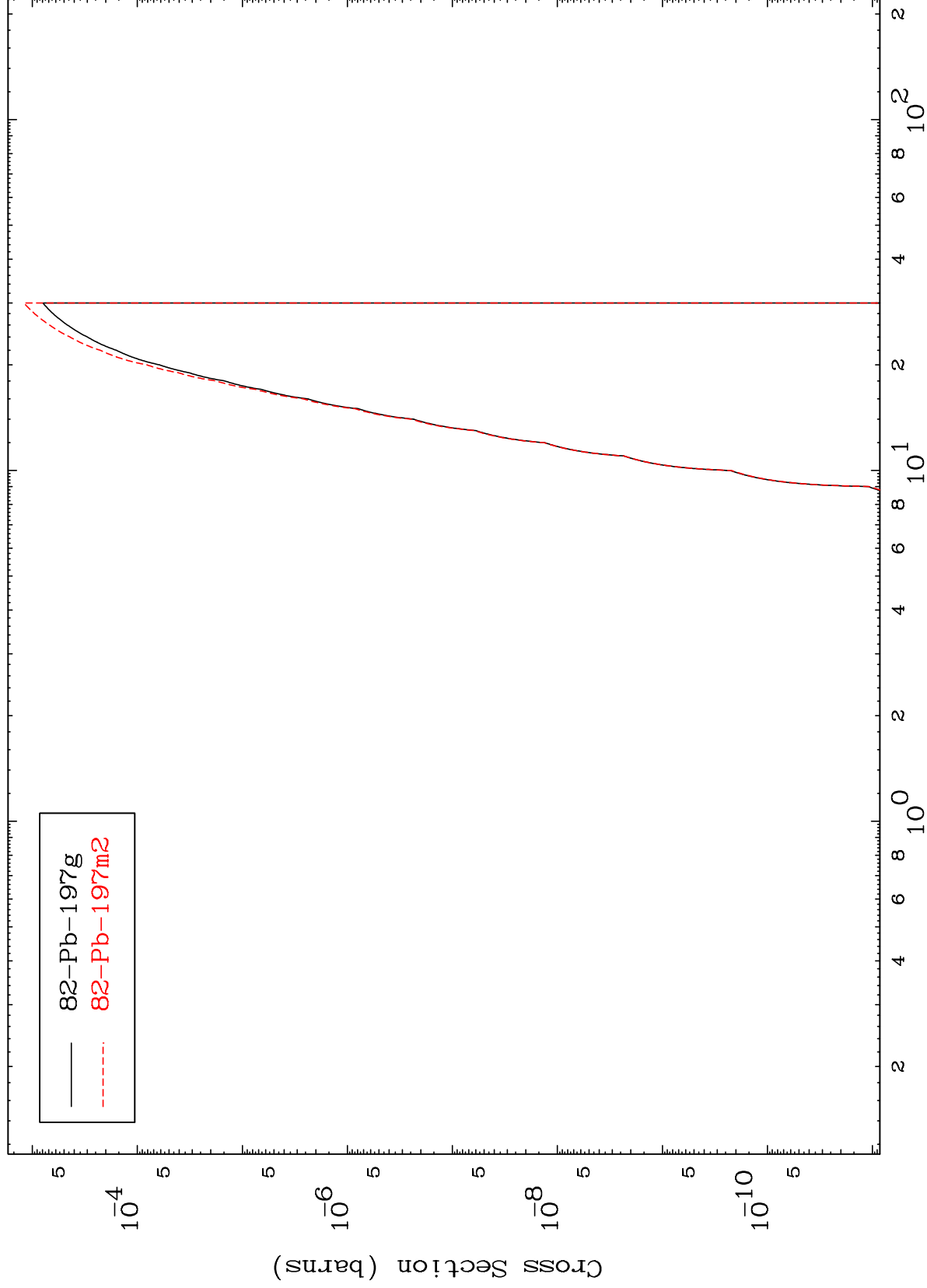


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(n,He-3)

83-Bi-198n

Radionuclide Production Cross Section

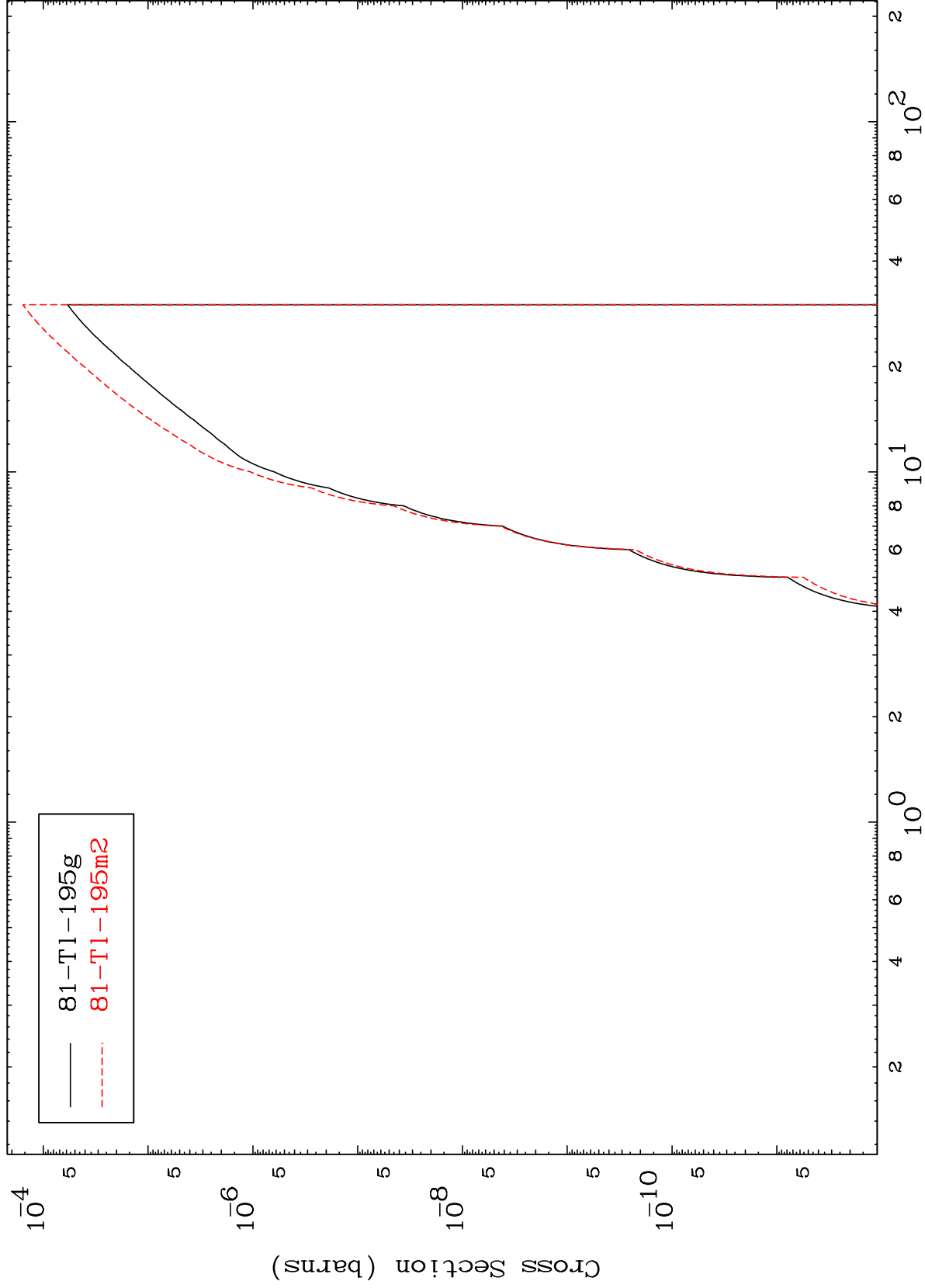


30

Incident Energy (MeV)

83-Bi-198n

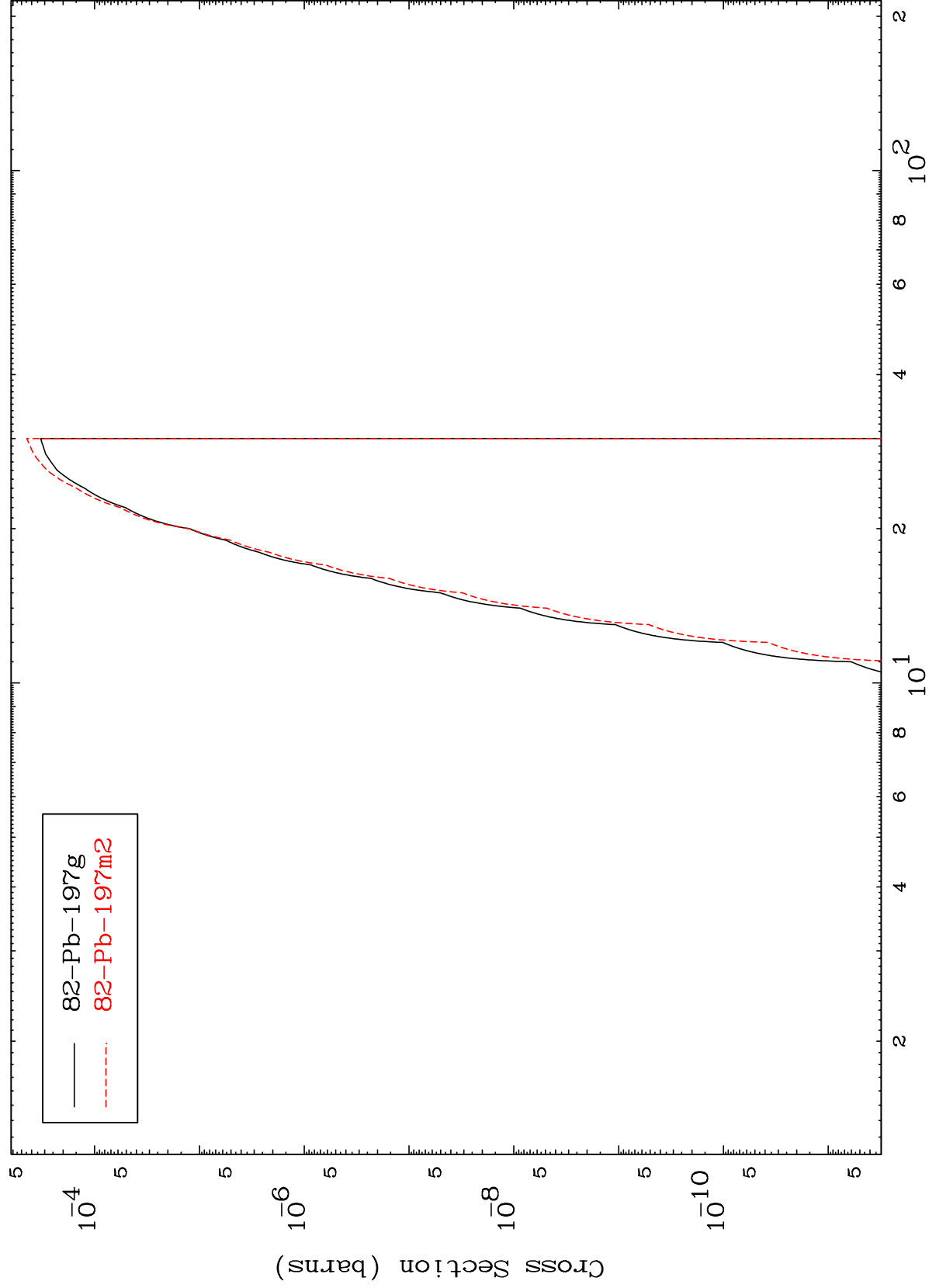
(n,p) α
Radionuclide Production Cross Section



MAT 8294

83-Bi-198n

(n,p) d
Radionuclide Production Cross Section



32

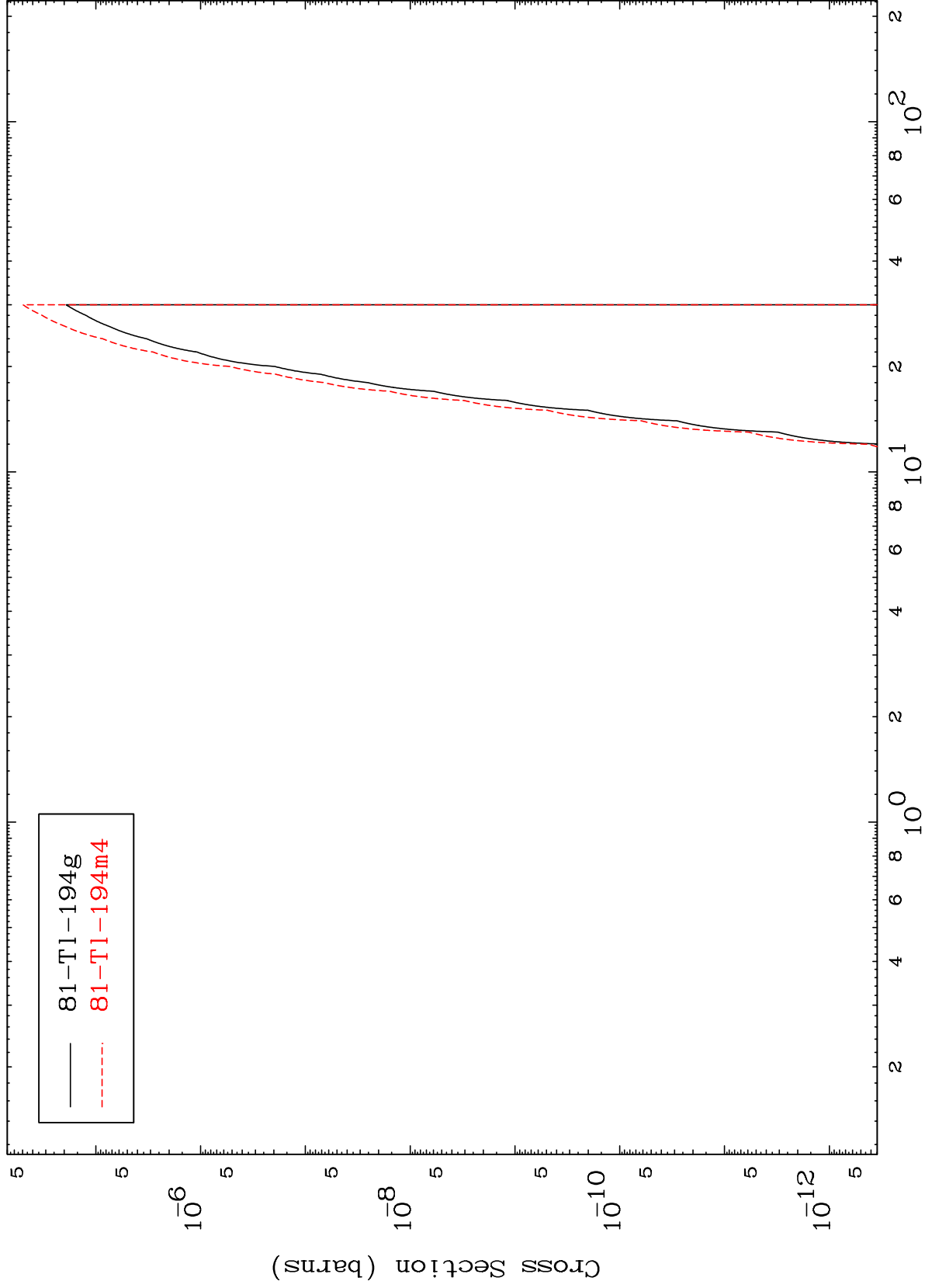
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,d) α
Radionuclide Production Cross Section



33

Incident Energy (MeV)

83-Bi-198n