

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

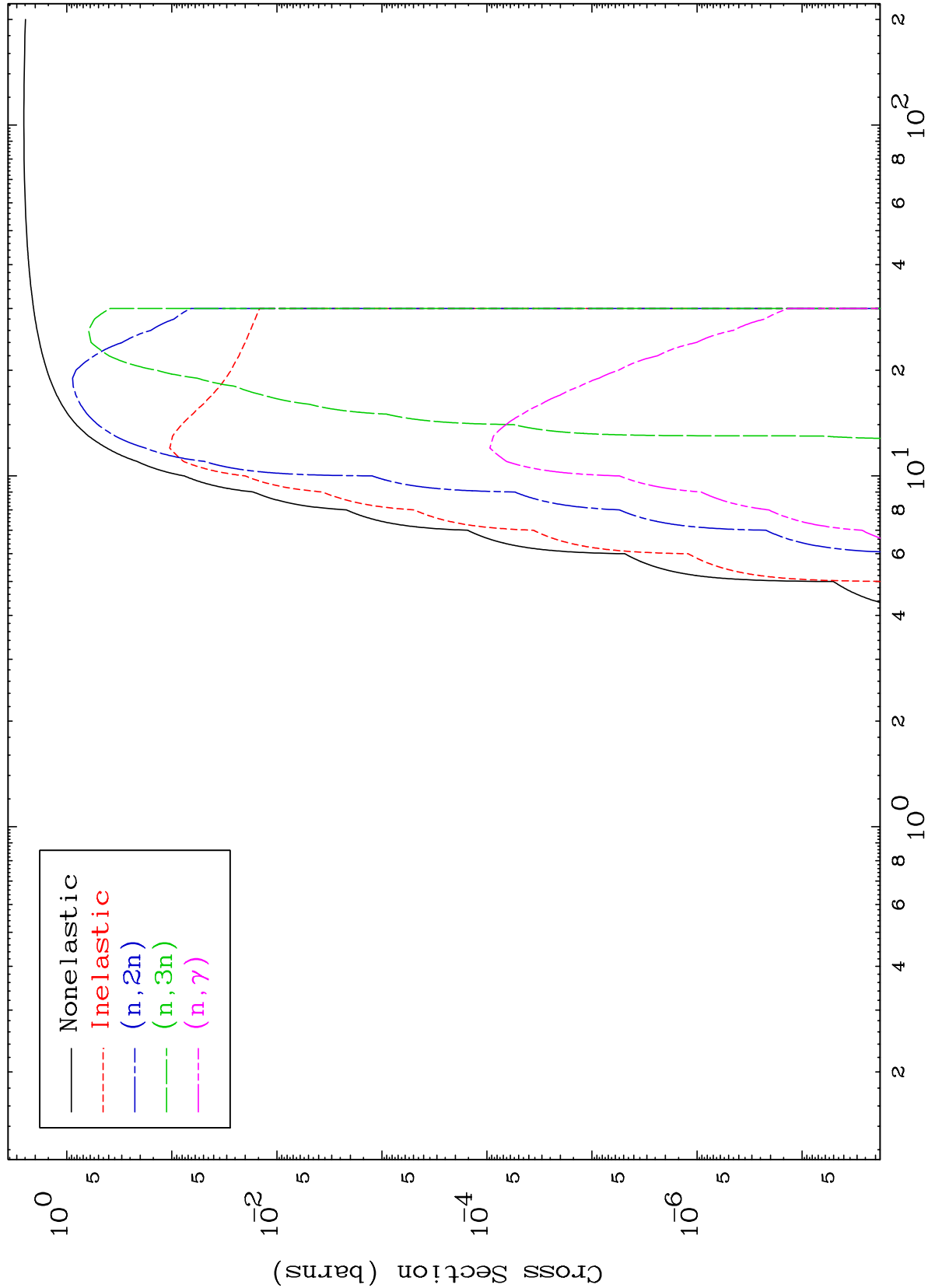
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

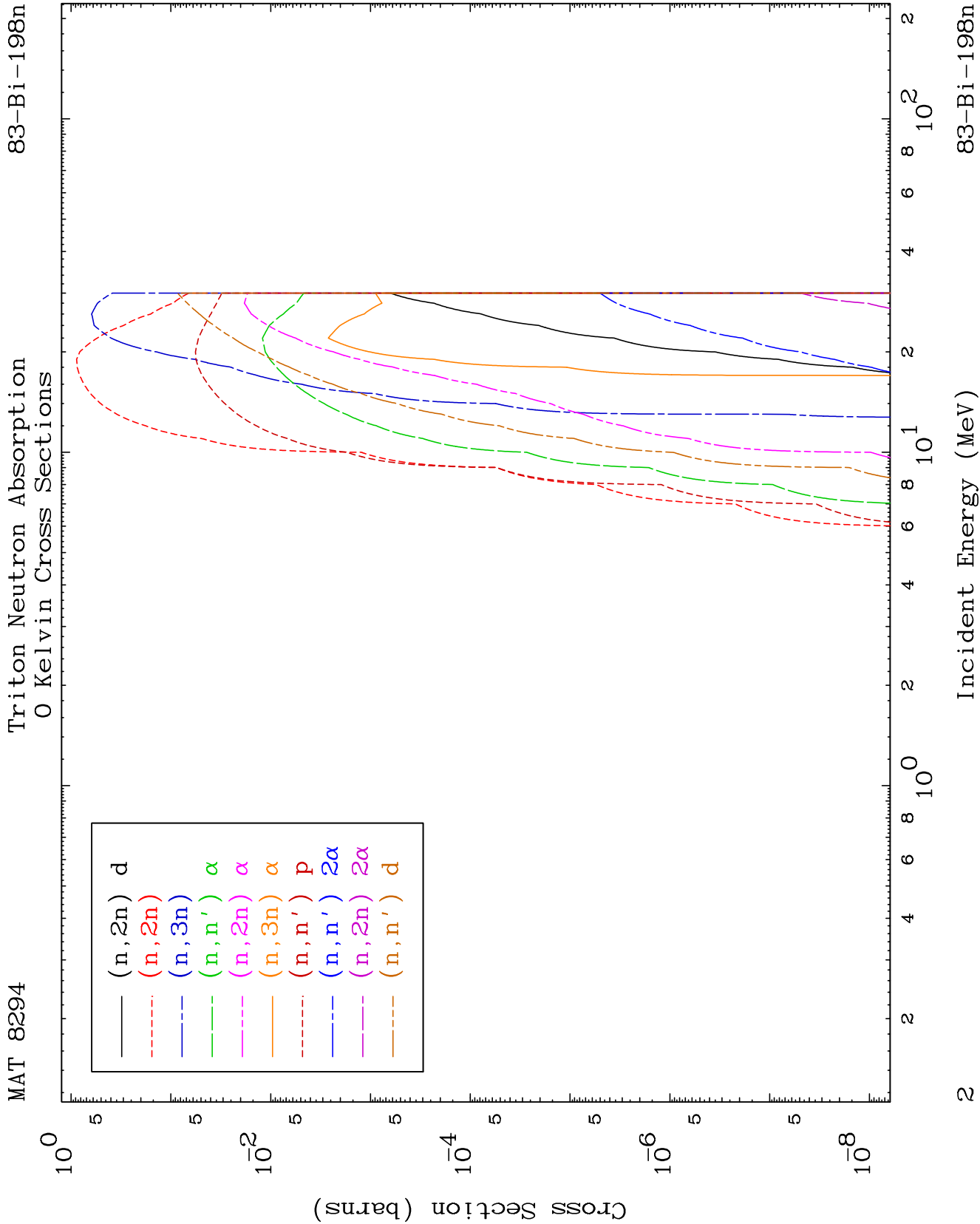
Tele: 925-443-1911

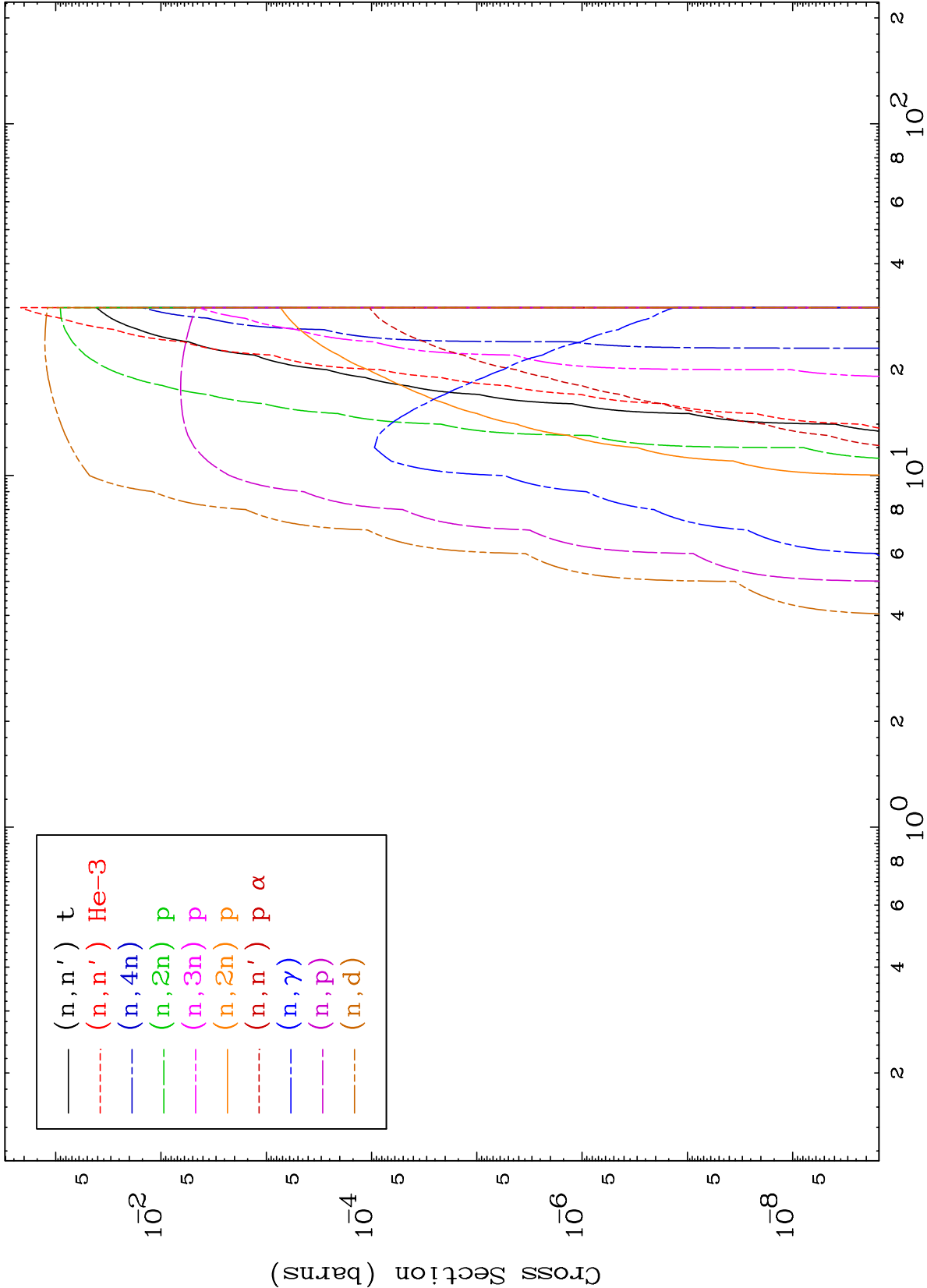
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections



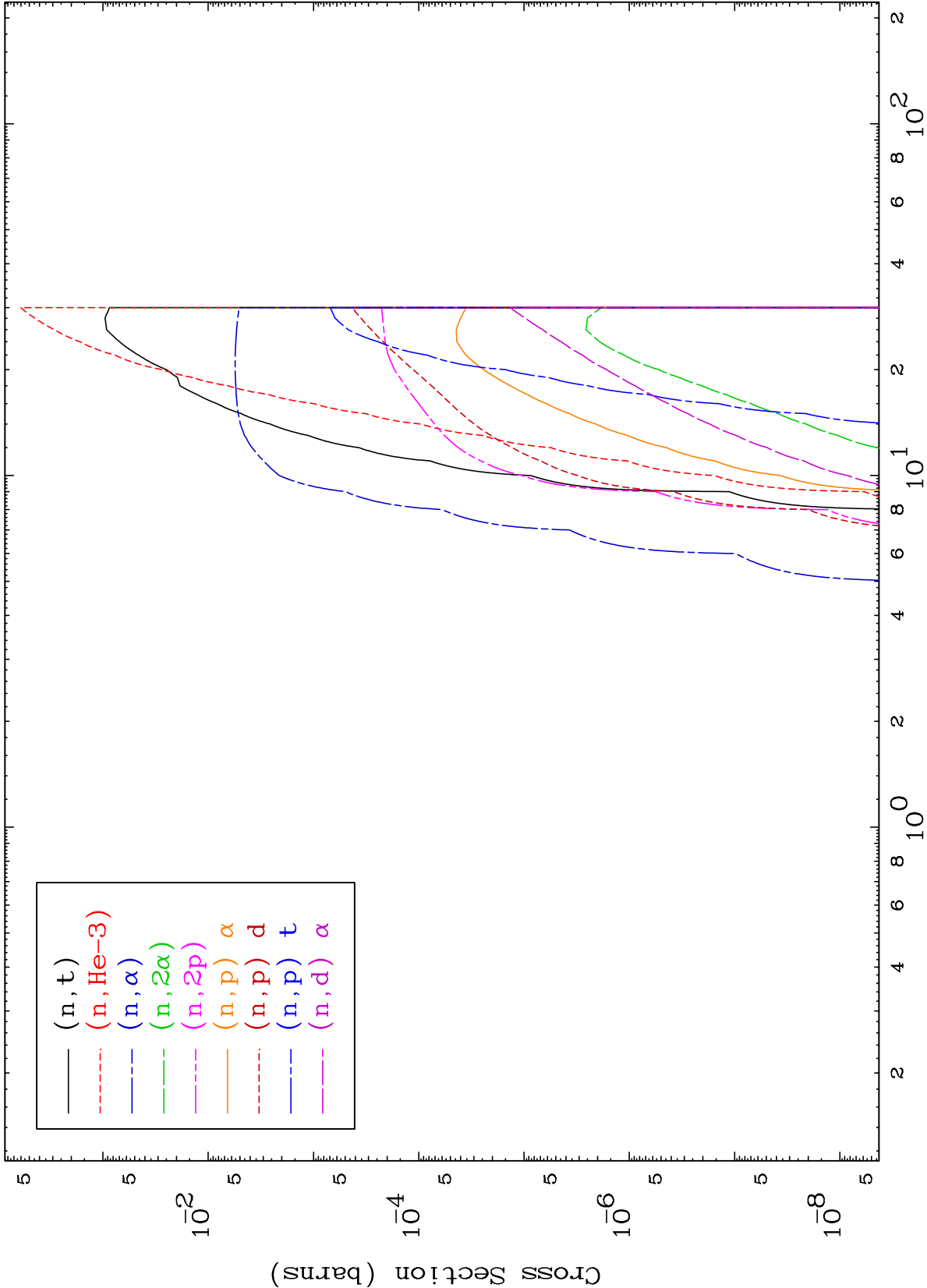


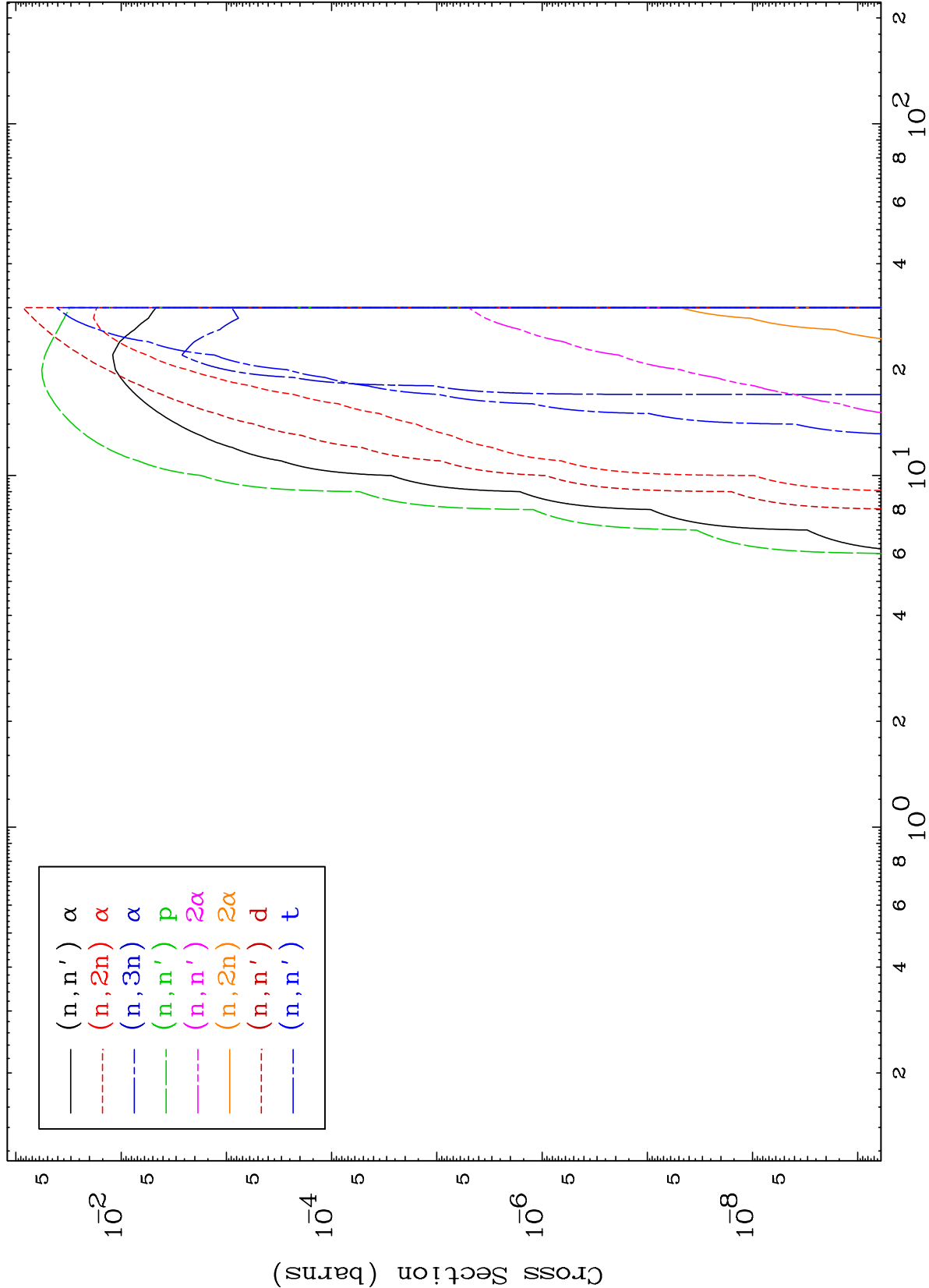


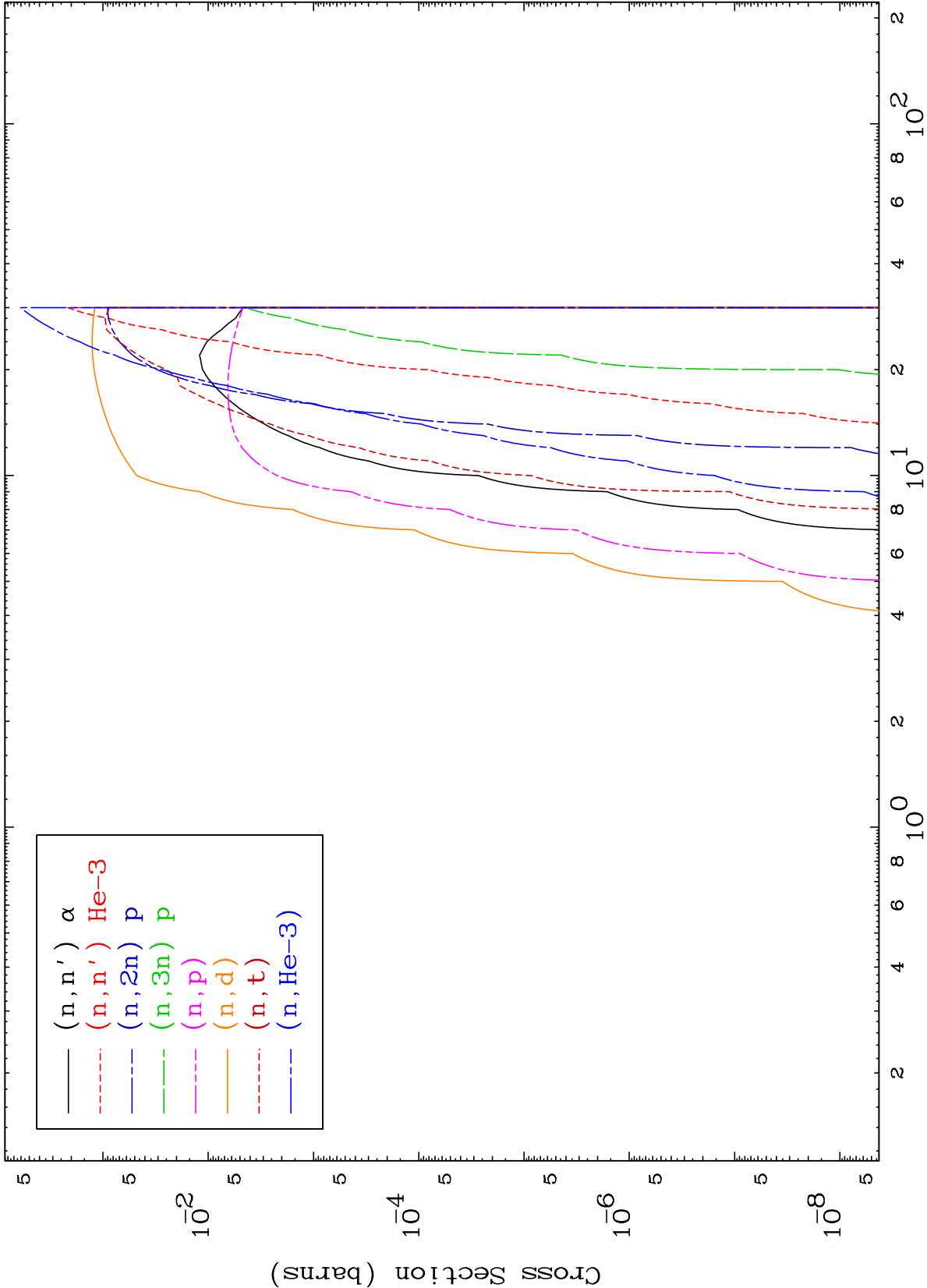
MAT 8294

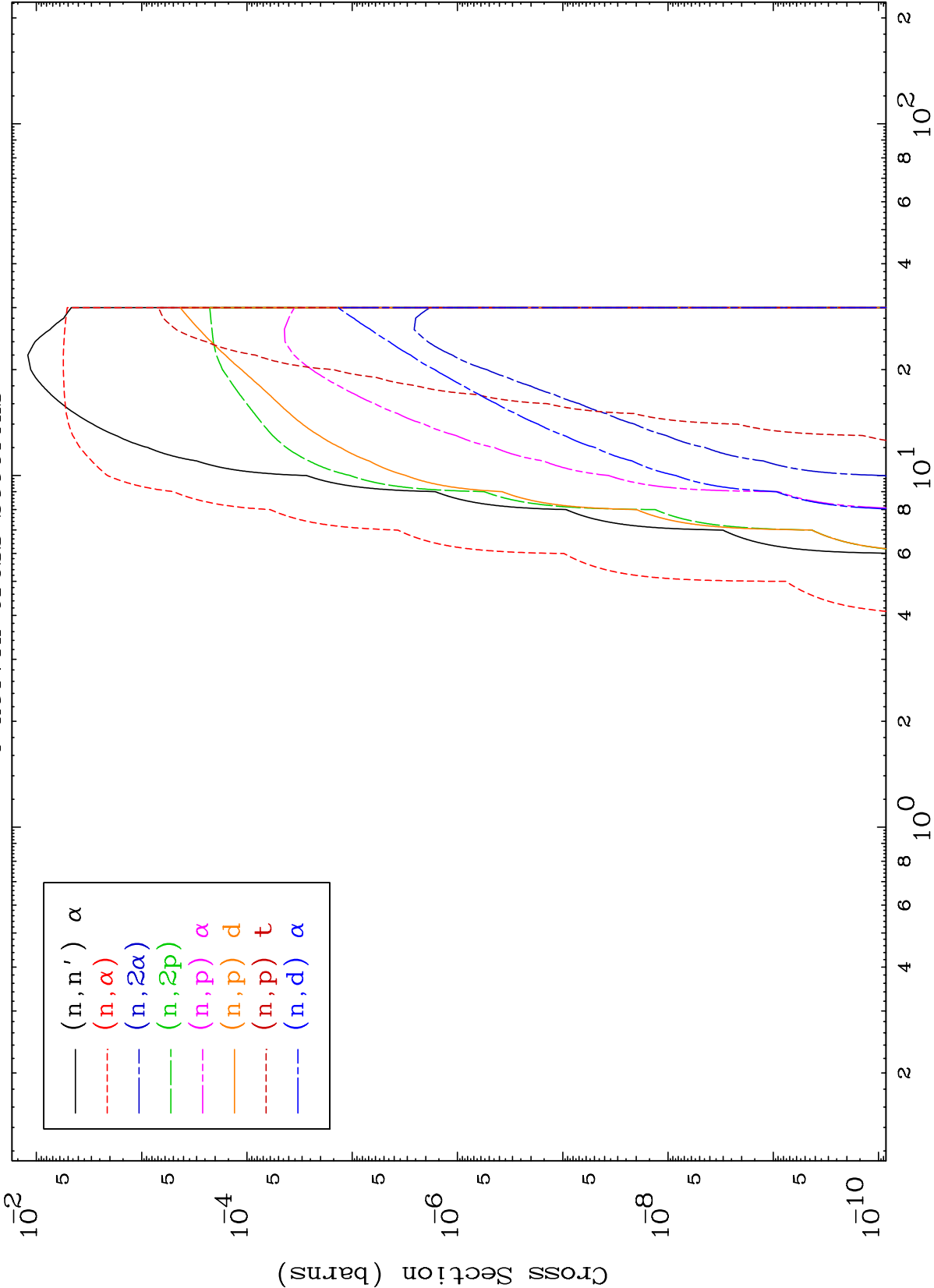
Triton Neutron Absorption
0 Kelvin Cross Sections

83-Bi-198n

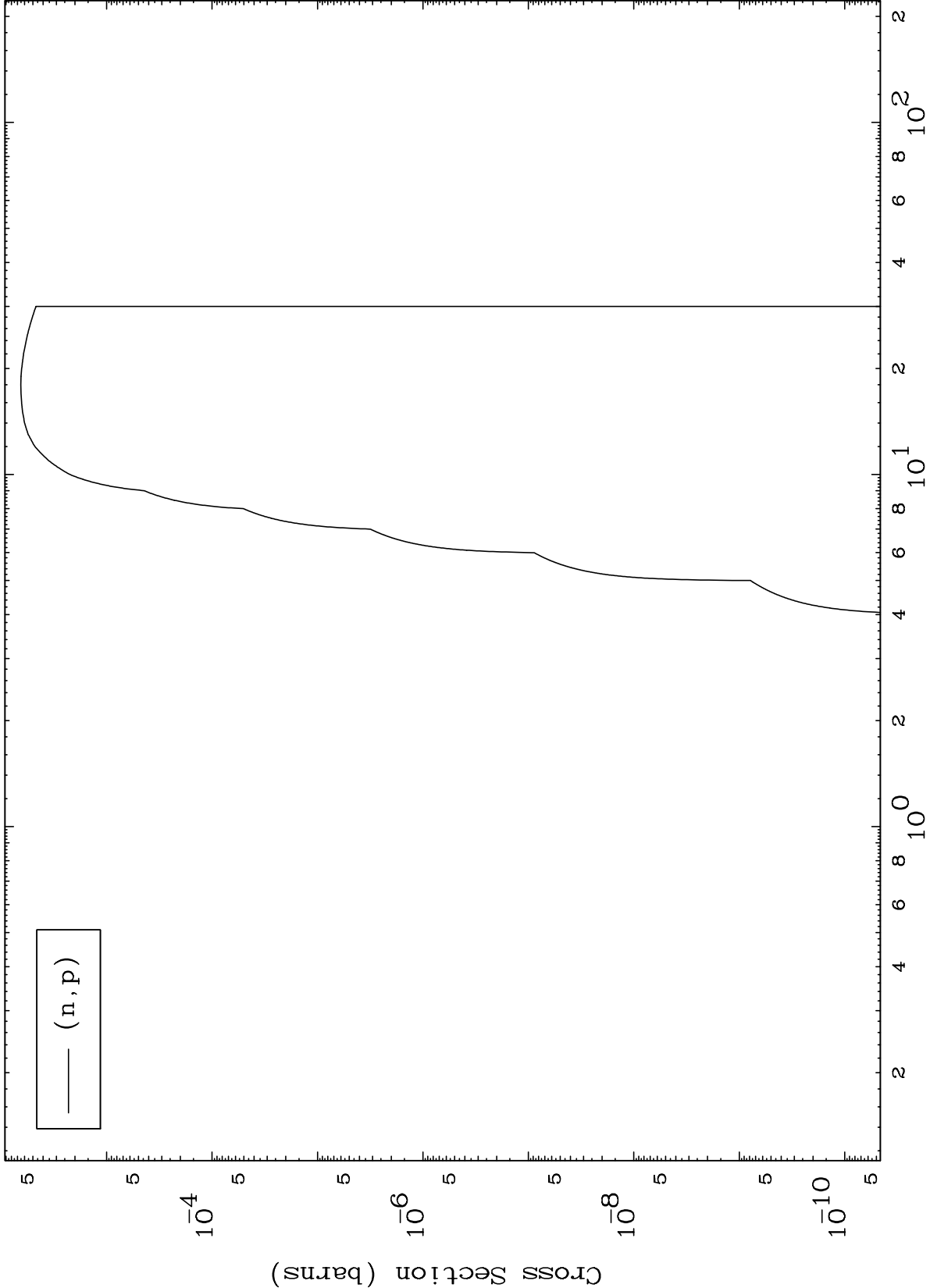








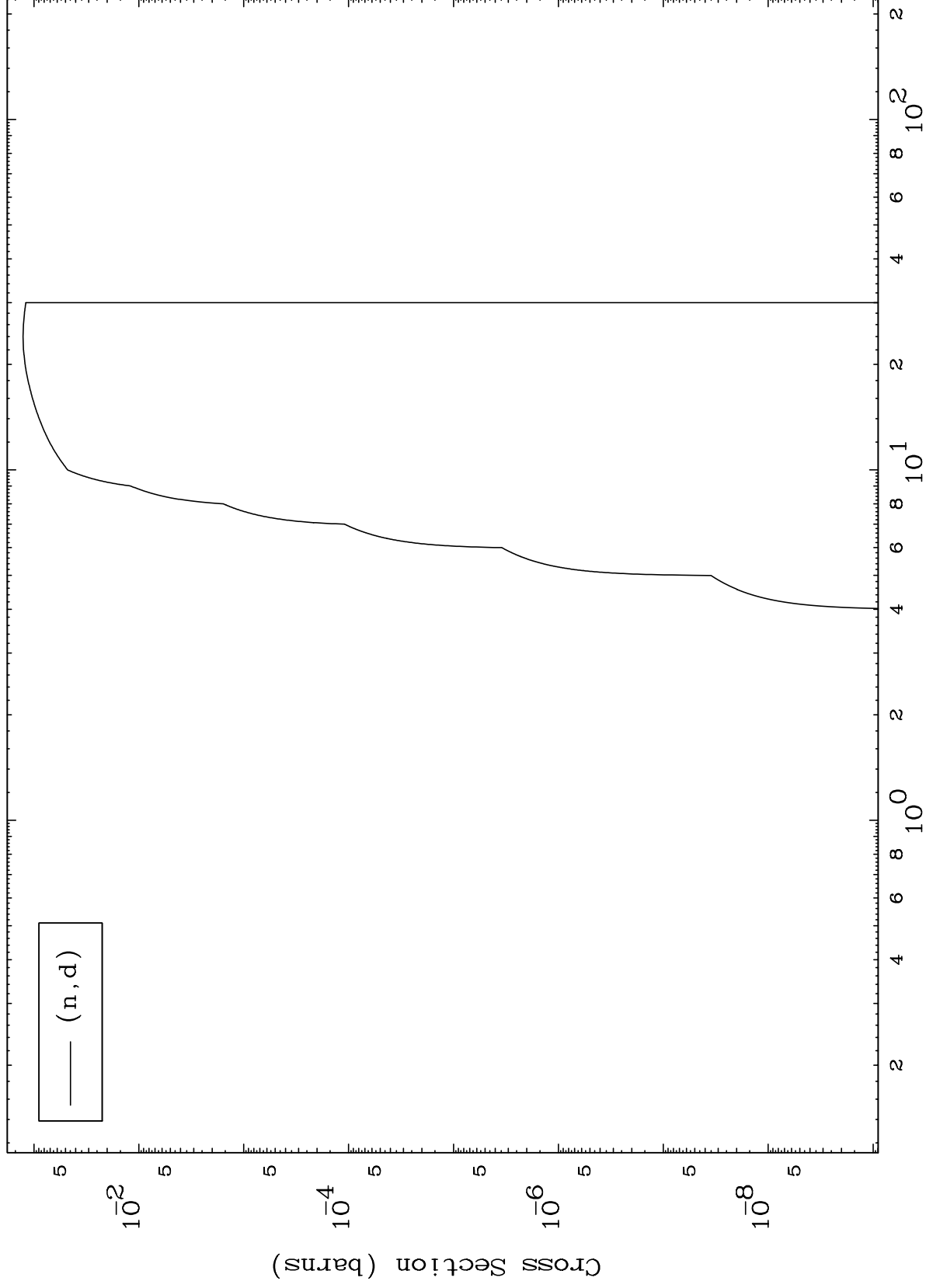
(t,p) Levels
0 Kelvin Cross Sections



MAT 8294

83-Bi-198n

(t,d) Levels
0 Kelvin Cross Sections

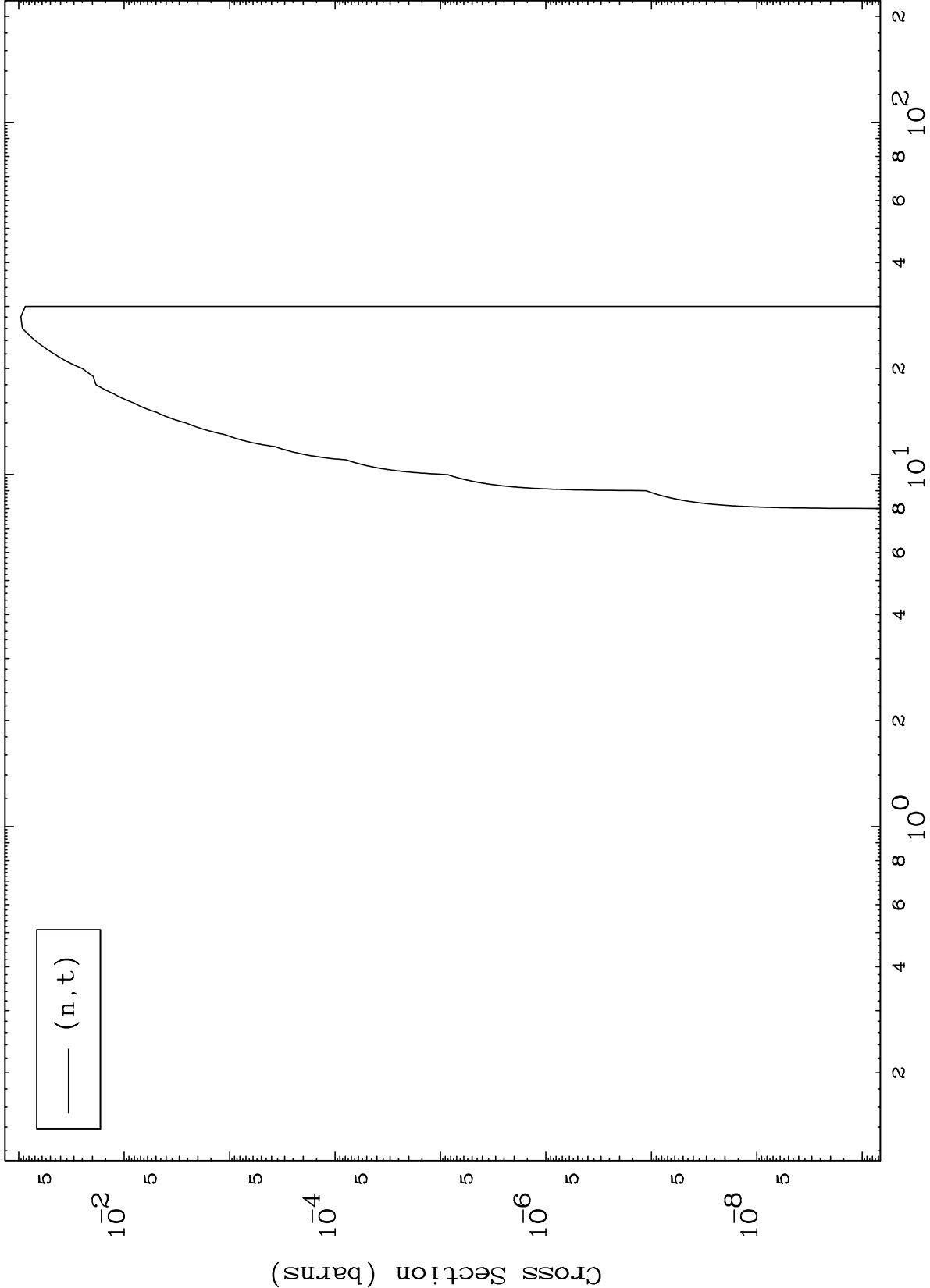


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(t,t) Levels

0 Kelvin Cross Sections

83-Bi-198n



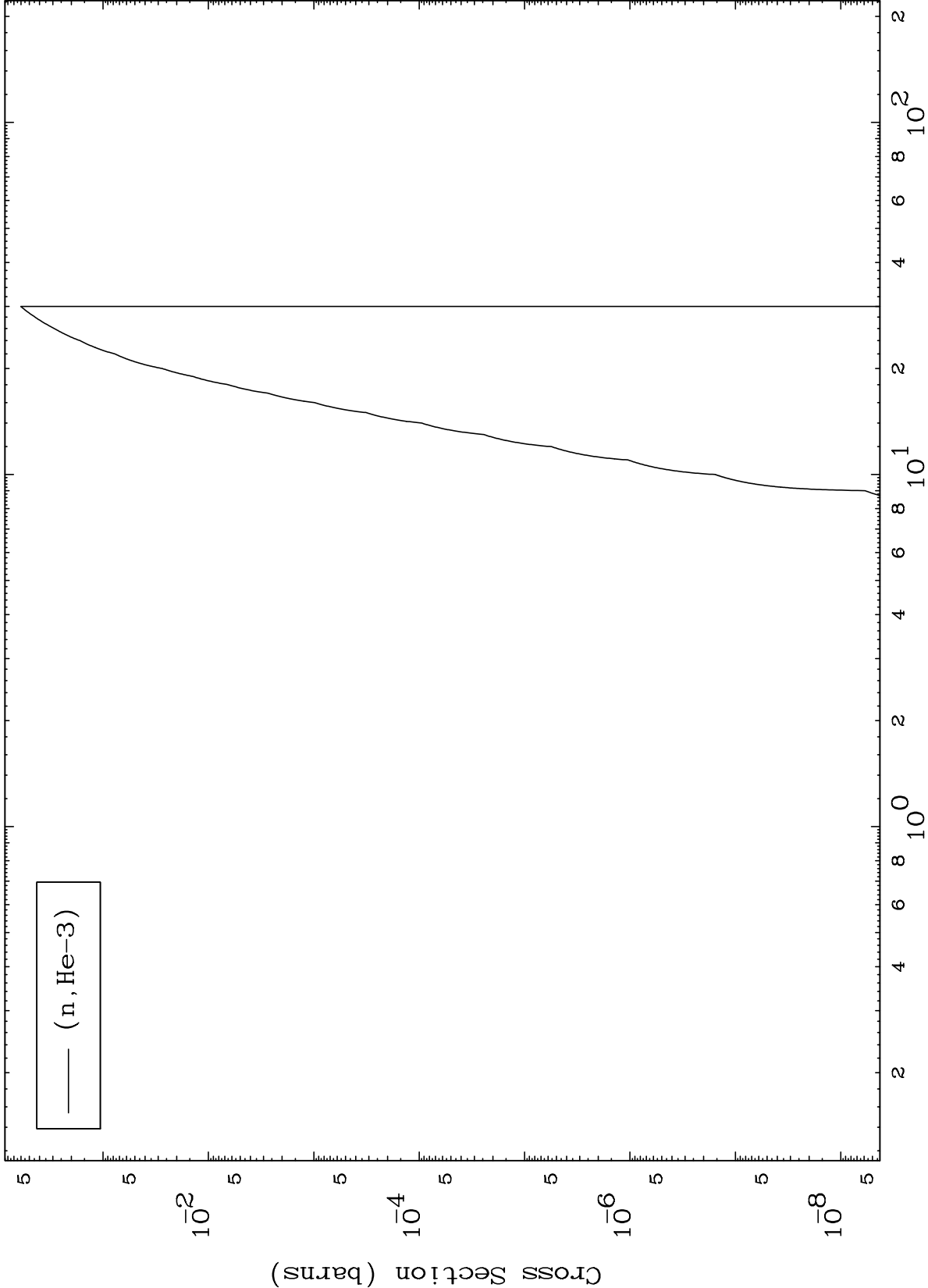
— (n,t)

10

Incident Energy (MeV)

83-Bi-198n

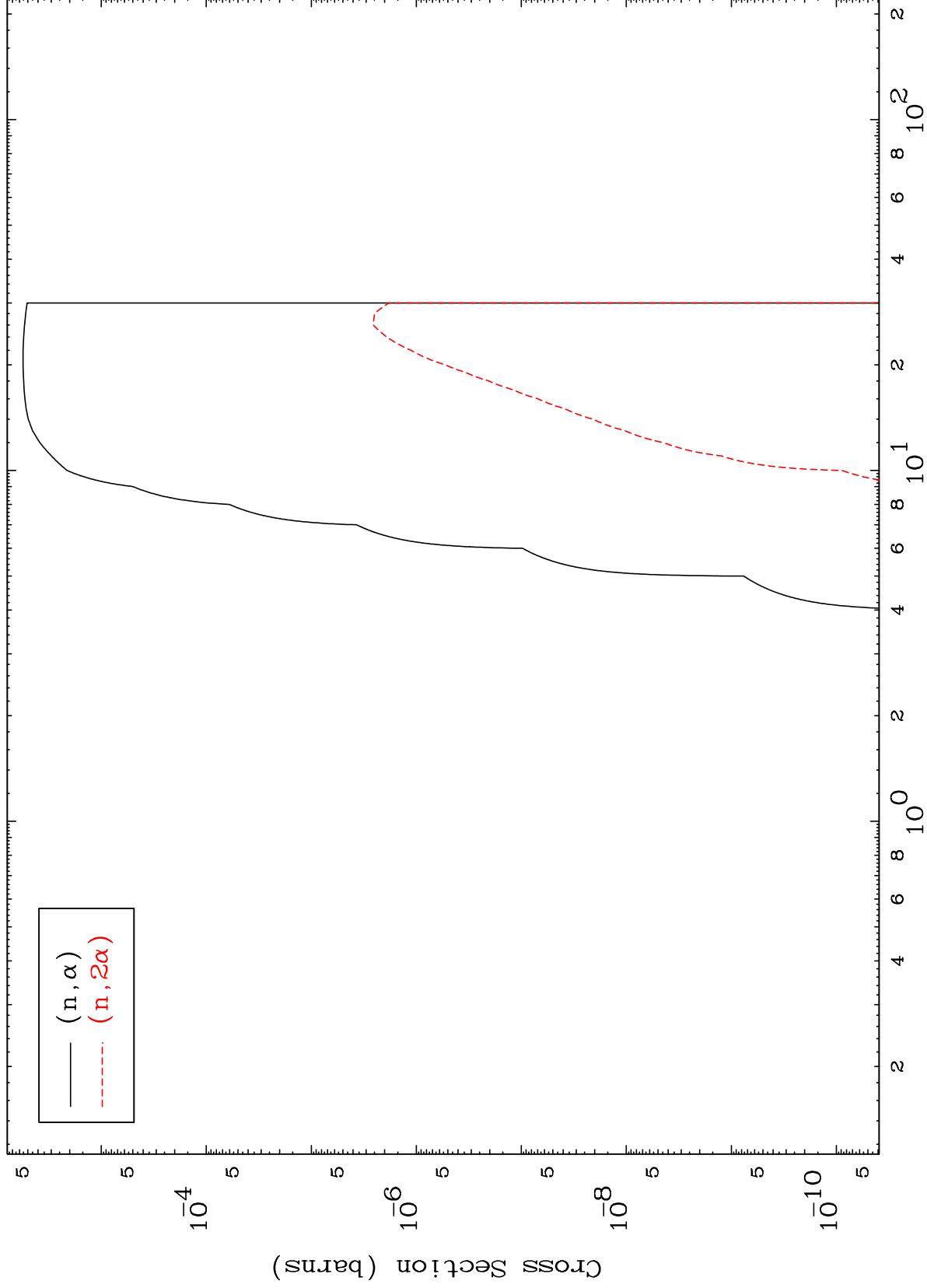
0 Kelvin Cross Sections



MAT 8294

83-Bi-198n

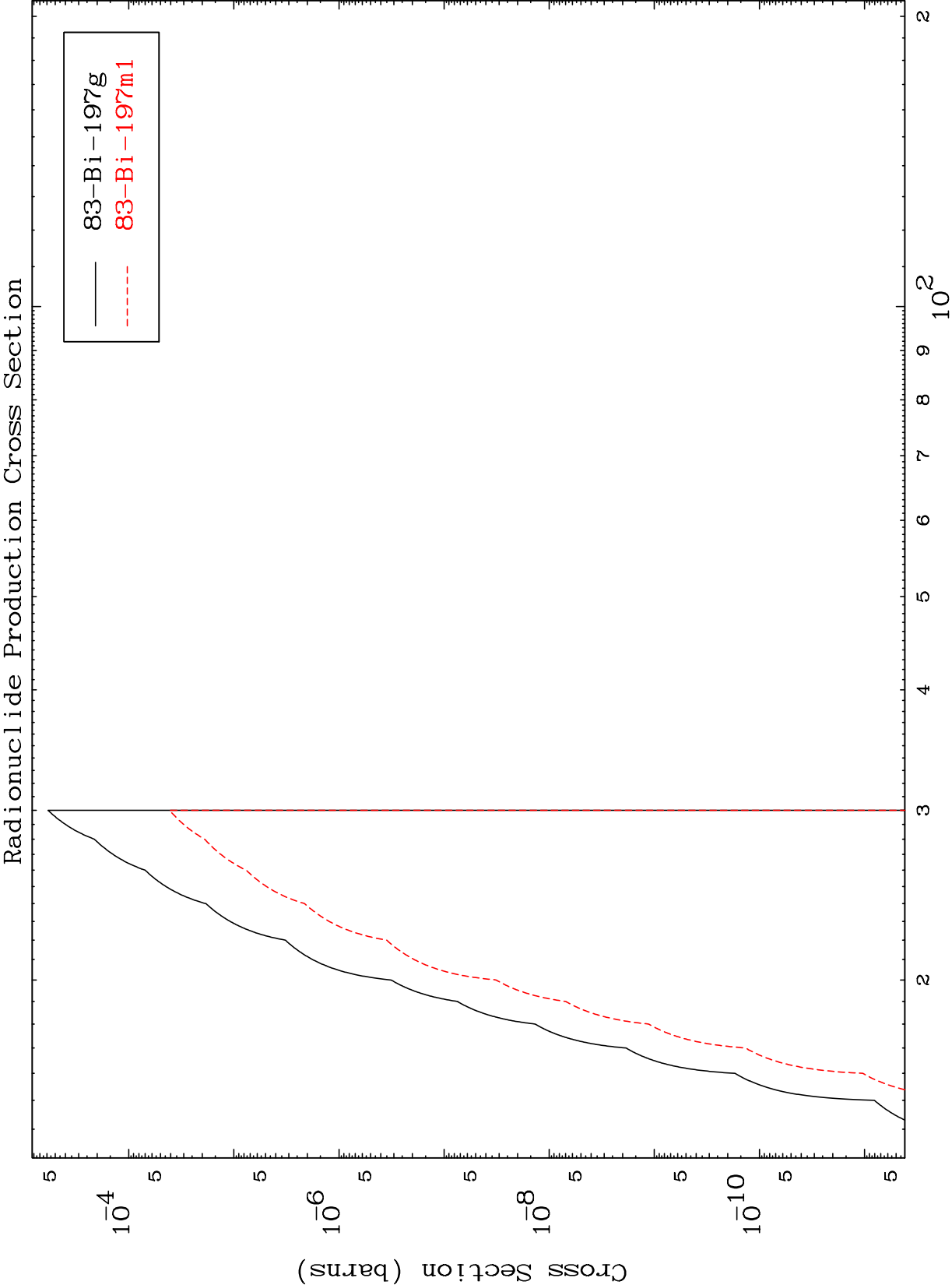
(t, α) Levels
0 Kelvin Cross Sections

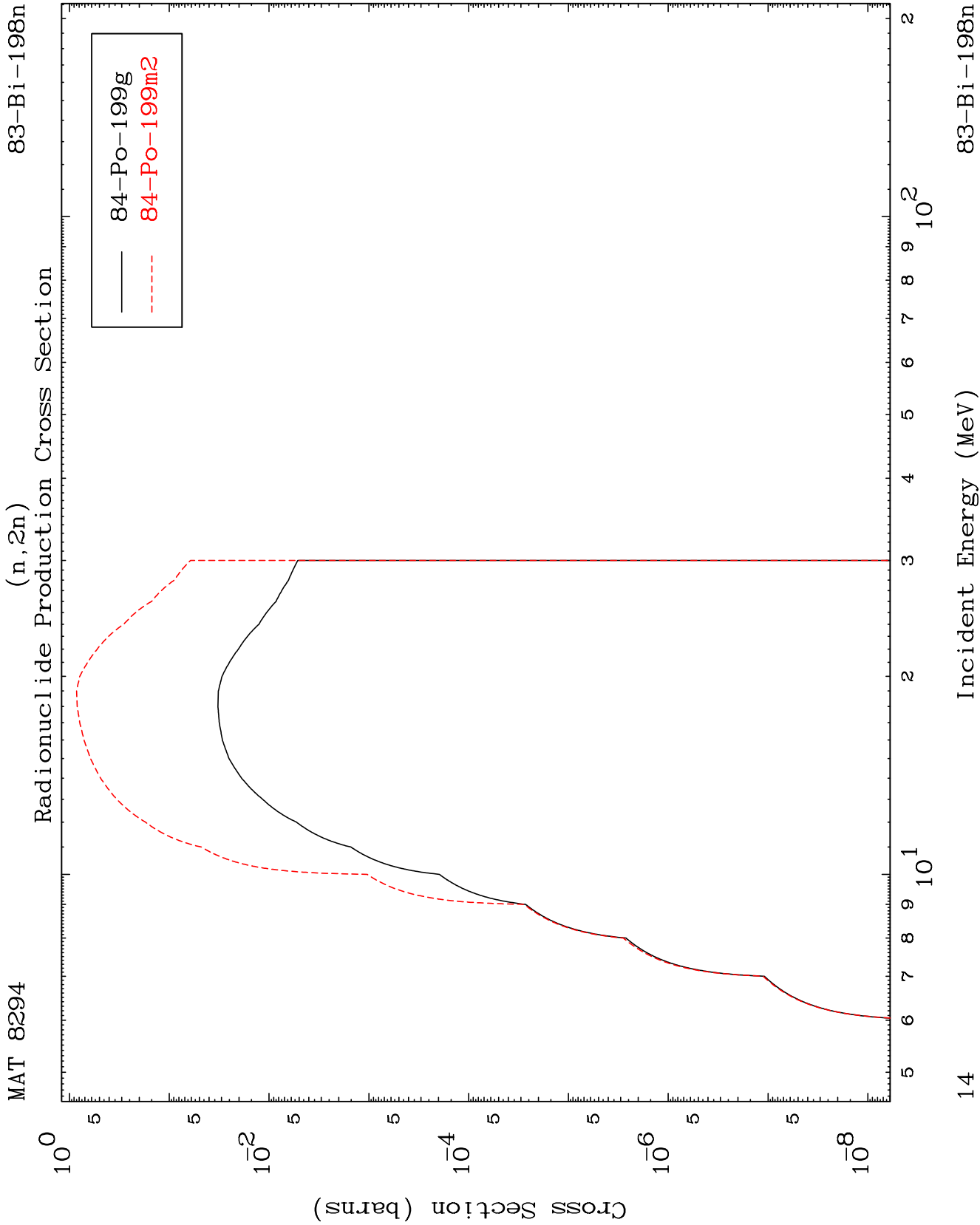


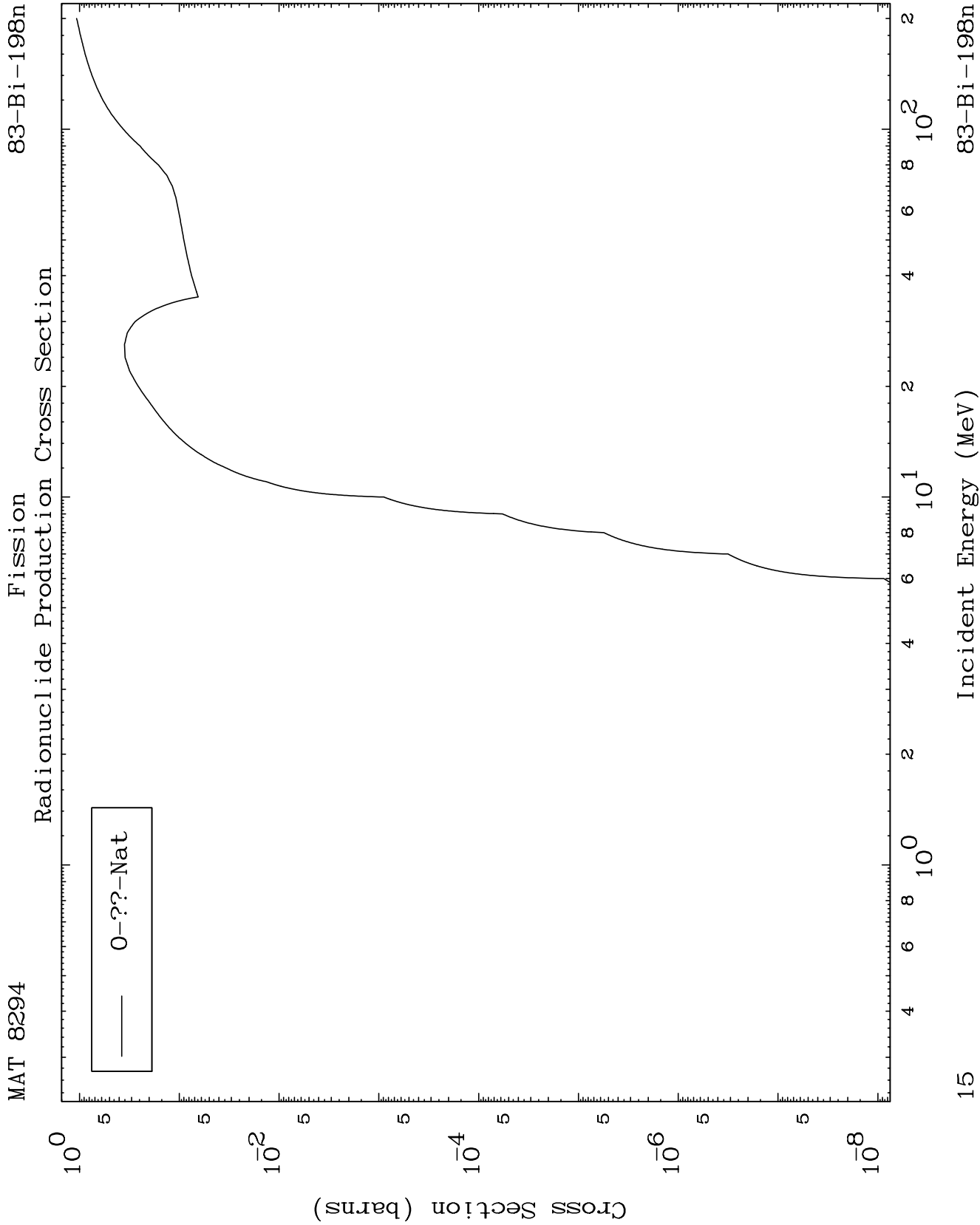
12

Incident Energy (MeV)

83-Bi-198n





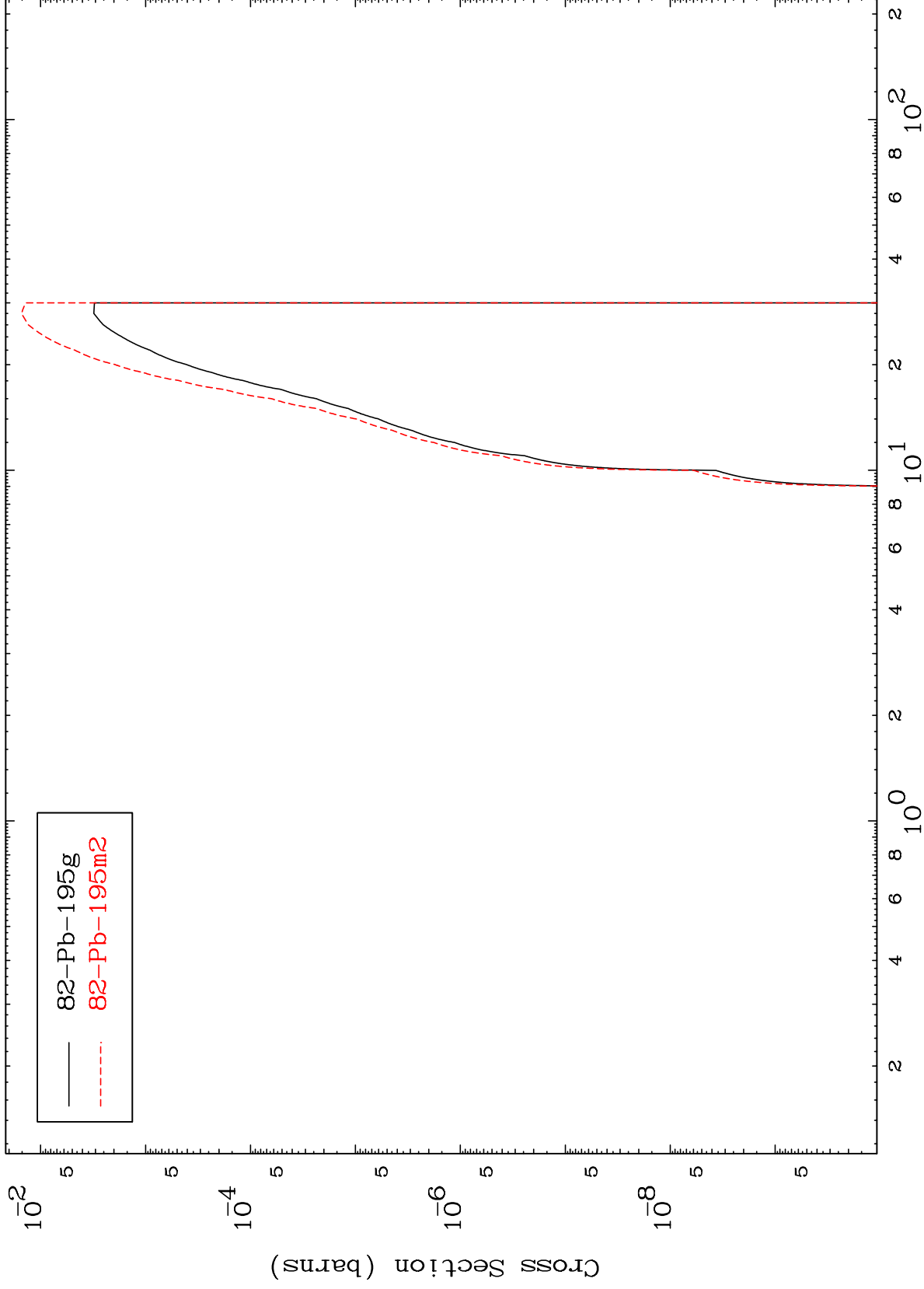


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$(n,2n) \alpha$

83-Bi-198n

Radionuclide Production Cross Section



16

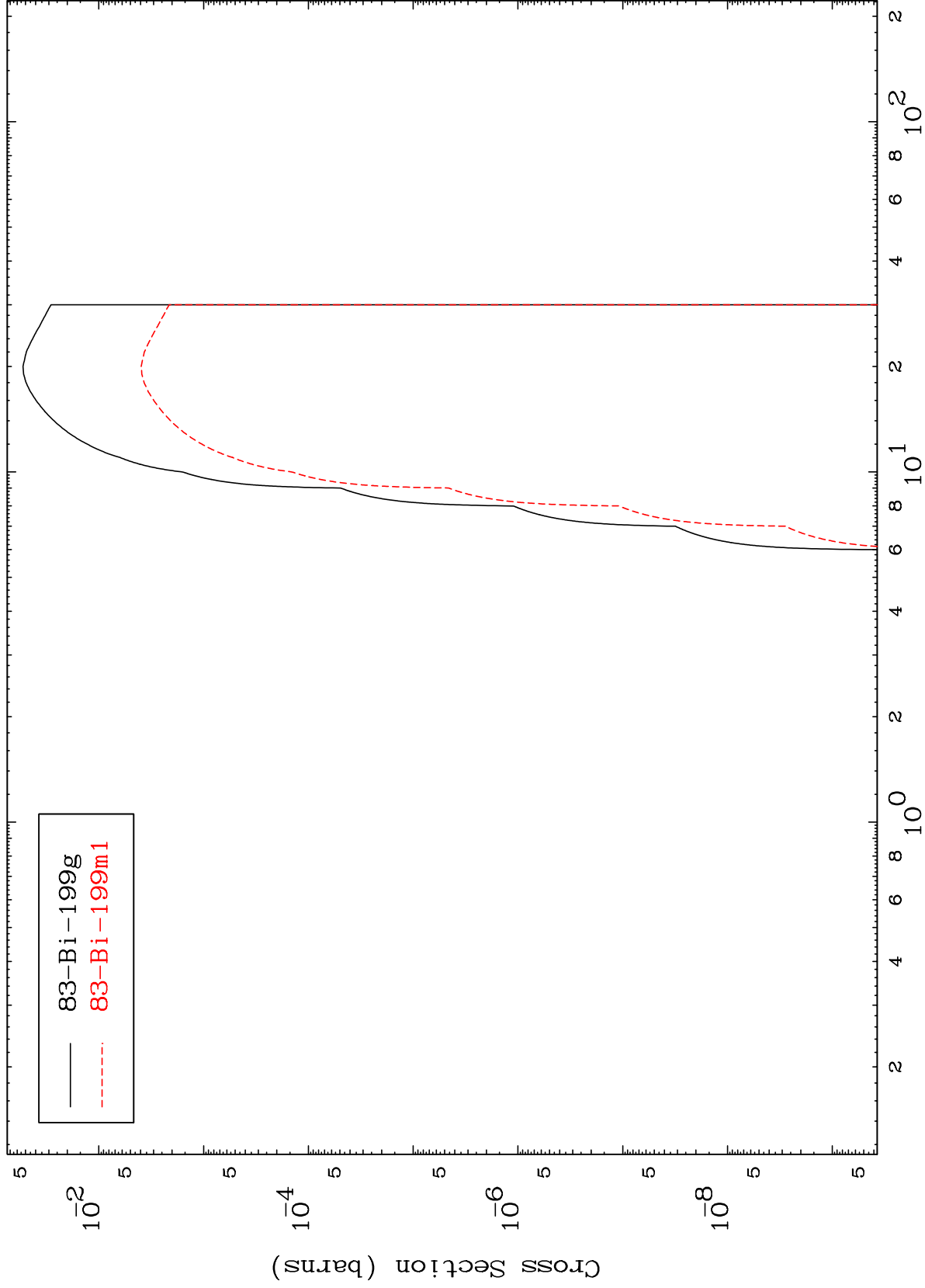
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,n') p
Radionuclide Production Cross Section



17

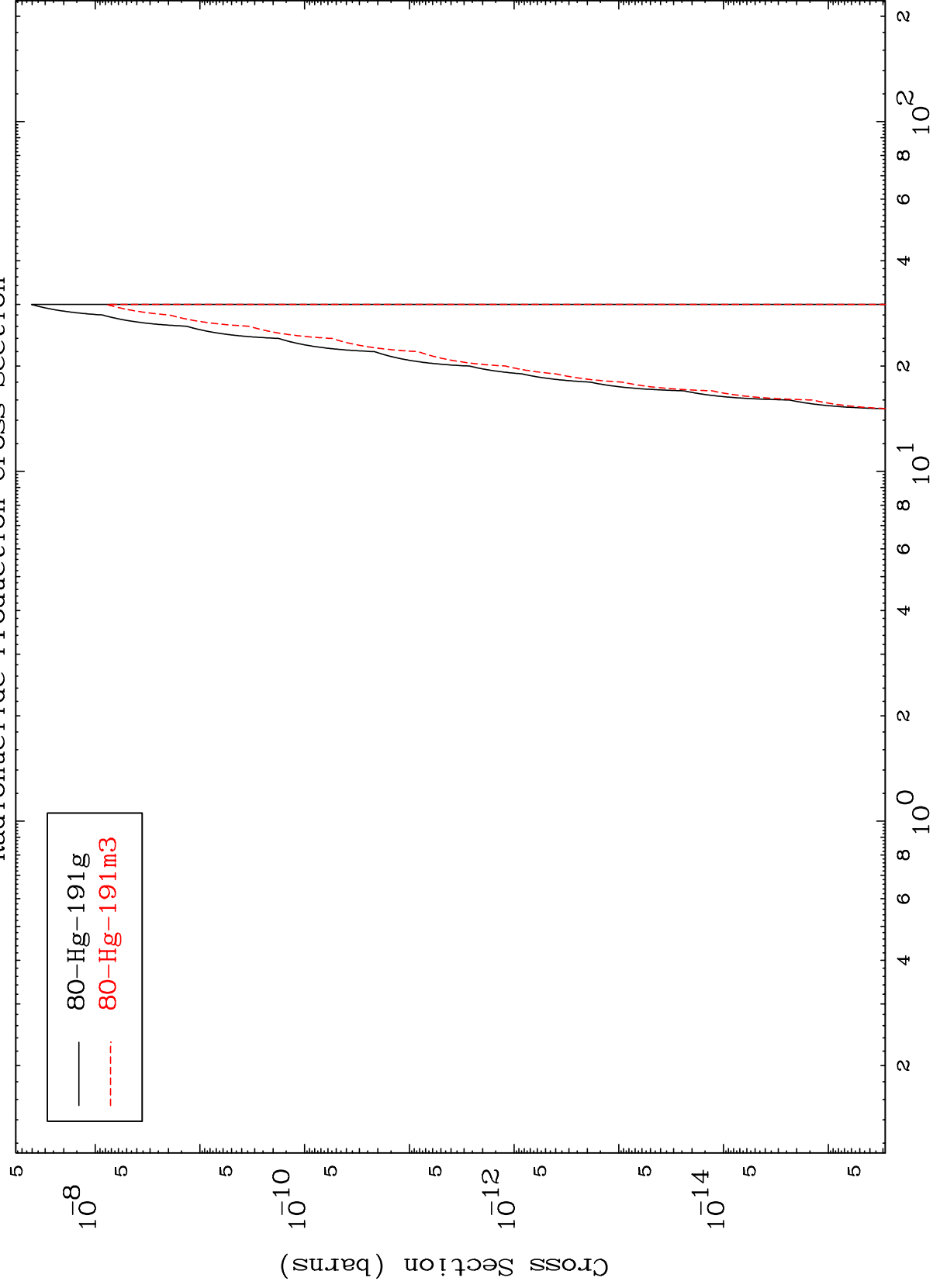
83-Bi-198n

MAT 8294

(n,2n) 2 α

83-Bi-198n

Radionuclide Production Cross Section



18

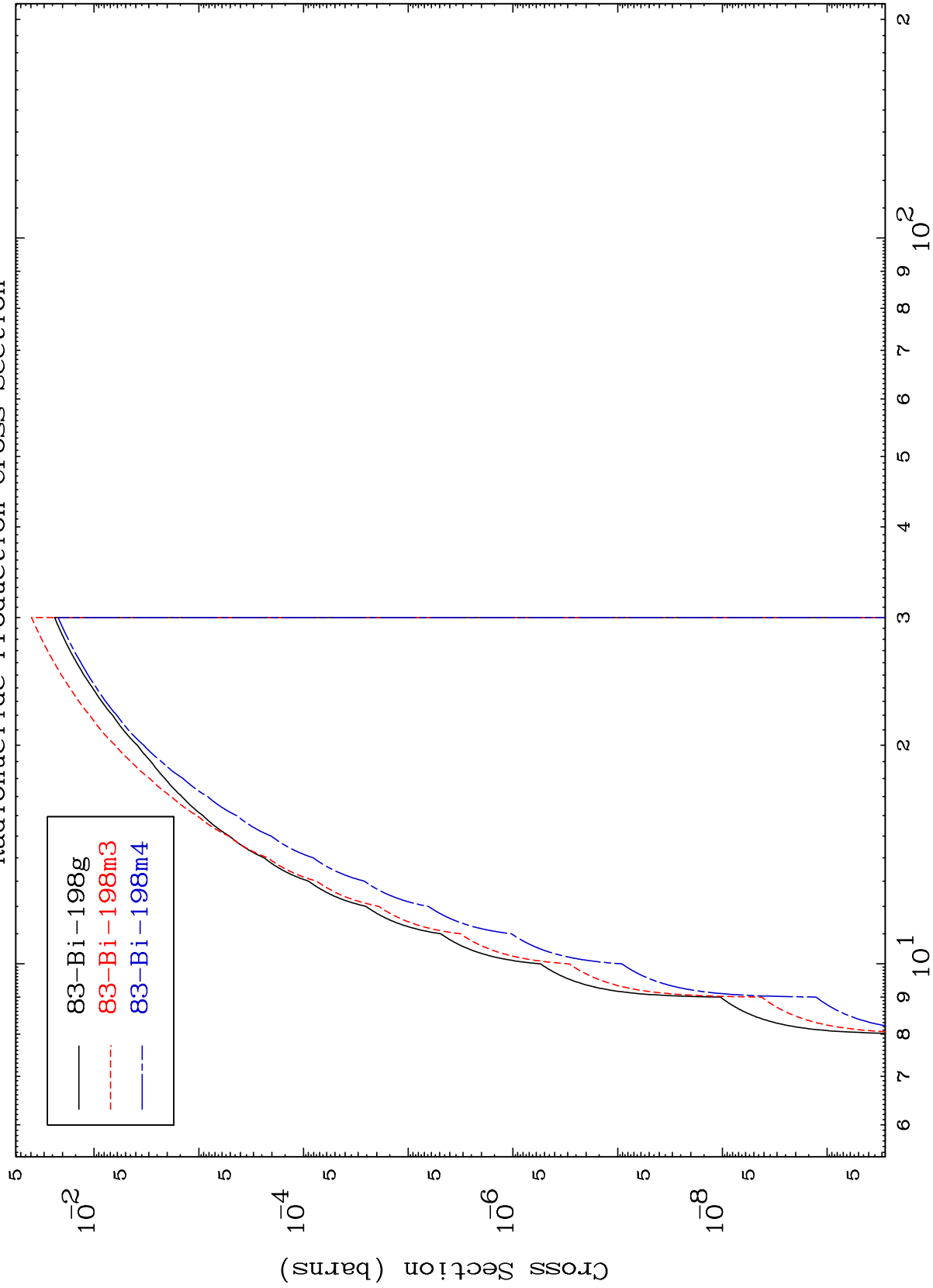
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,n') d
Radionuclide Production Cross Section



83-Bi-198n

Incident Energy (MeV)

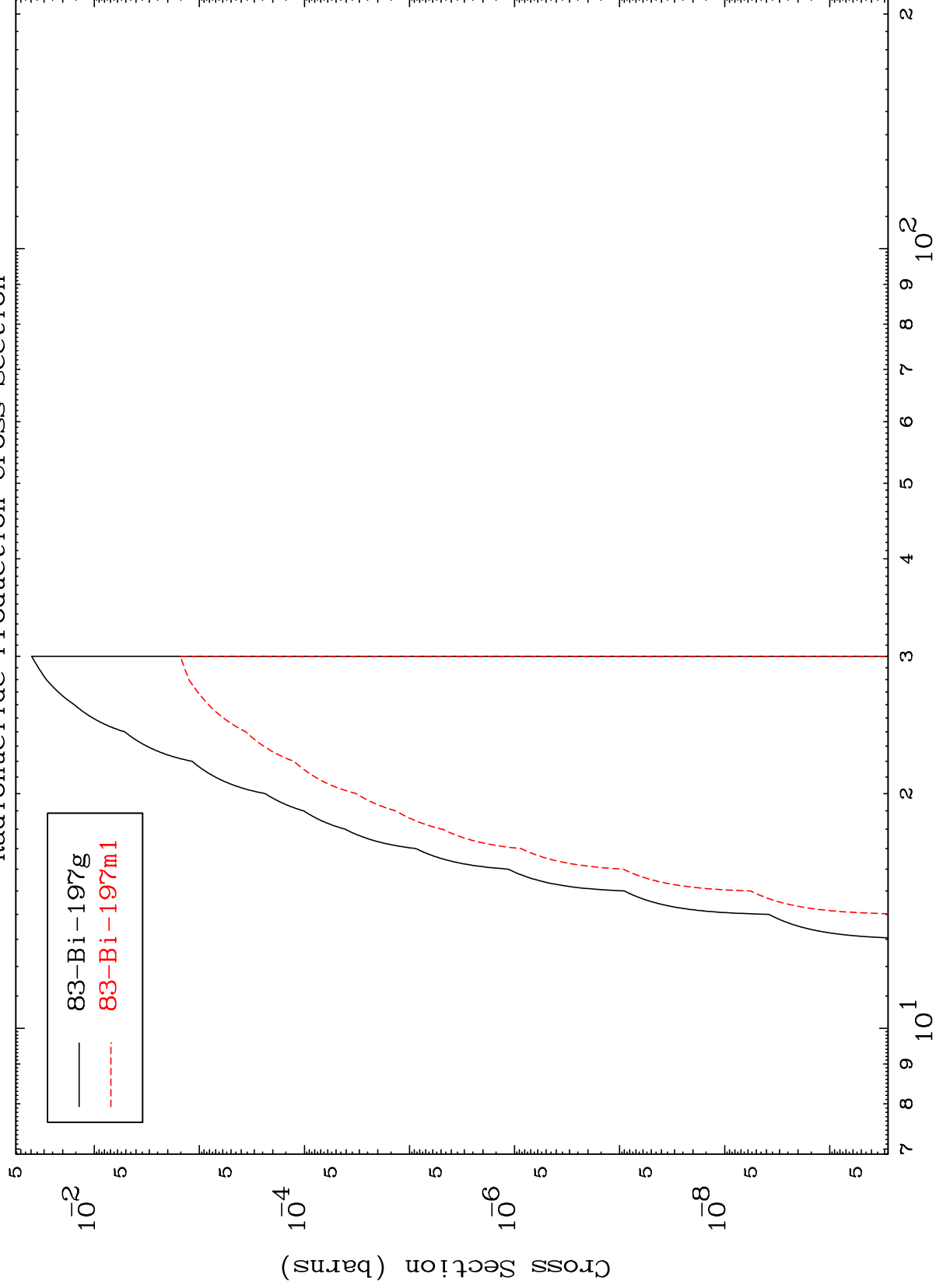
19

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83-Bi-198n

(n,n') t

Radionuclide Production Cross Section



83-Bi-198n

Incident Energy (MeV)

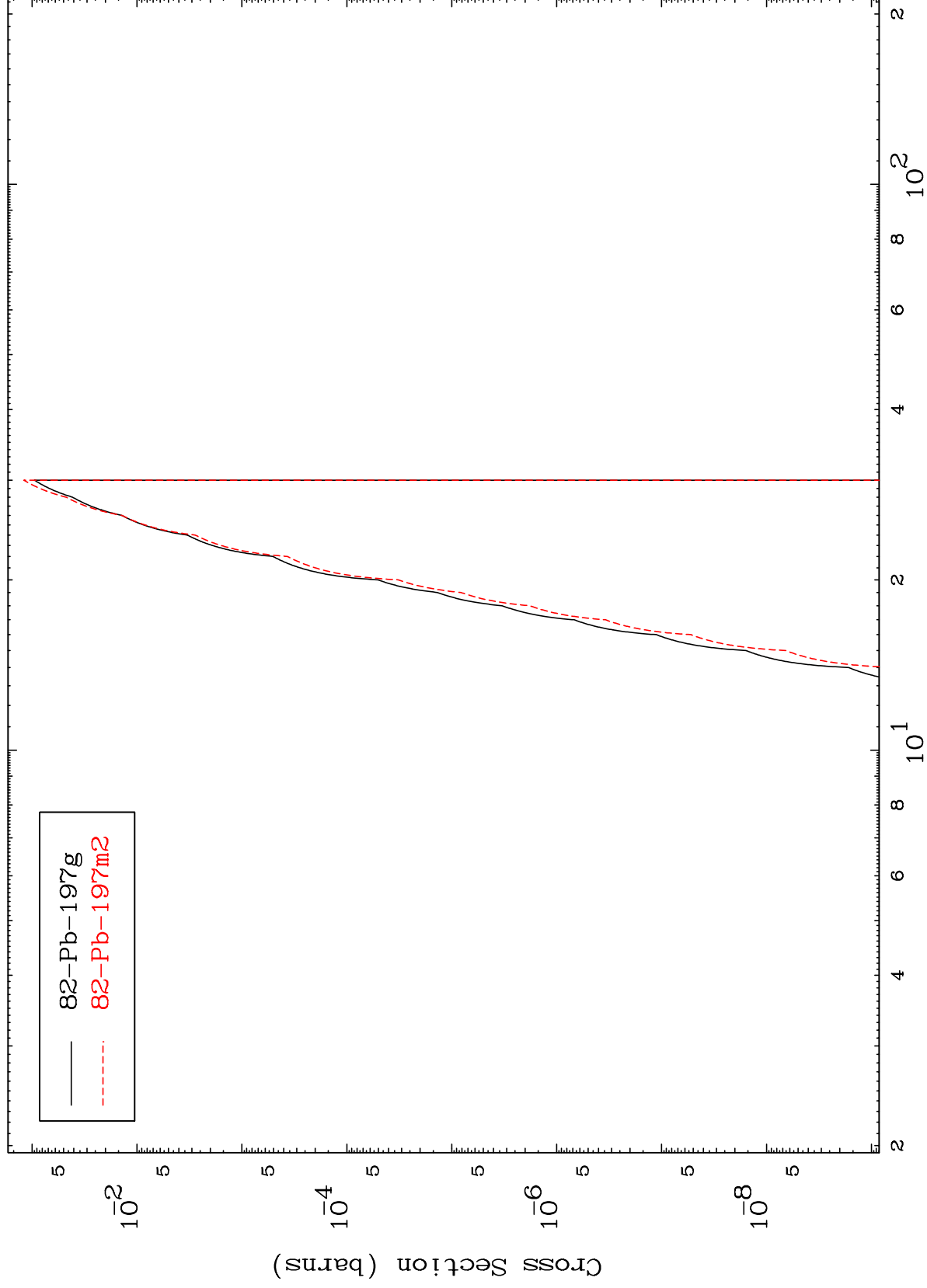
20

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(n,n') He-3

83-Bi-198n

Radionuclide Production Cross Section

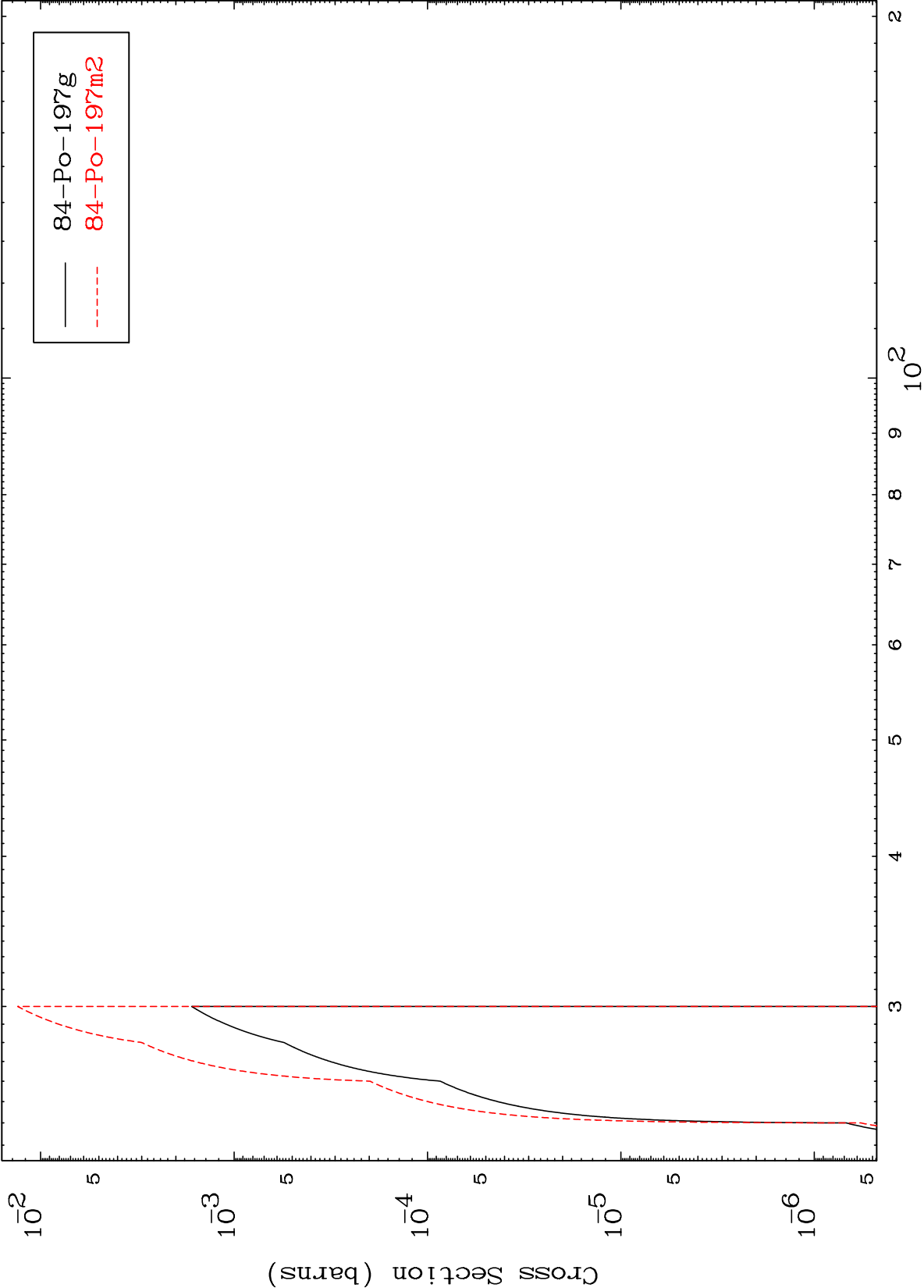


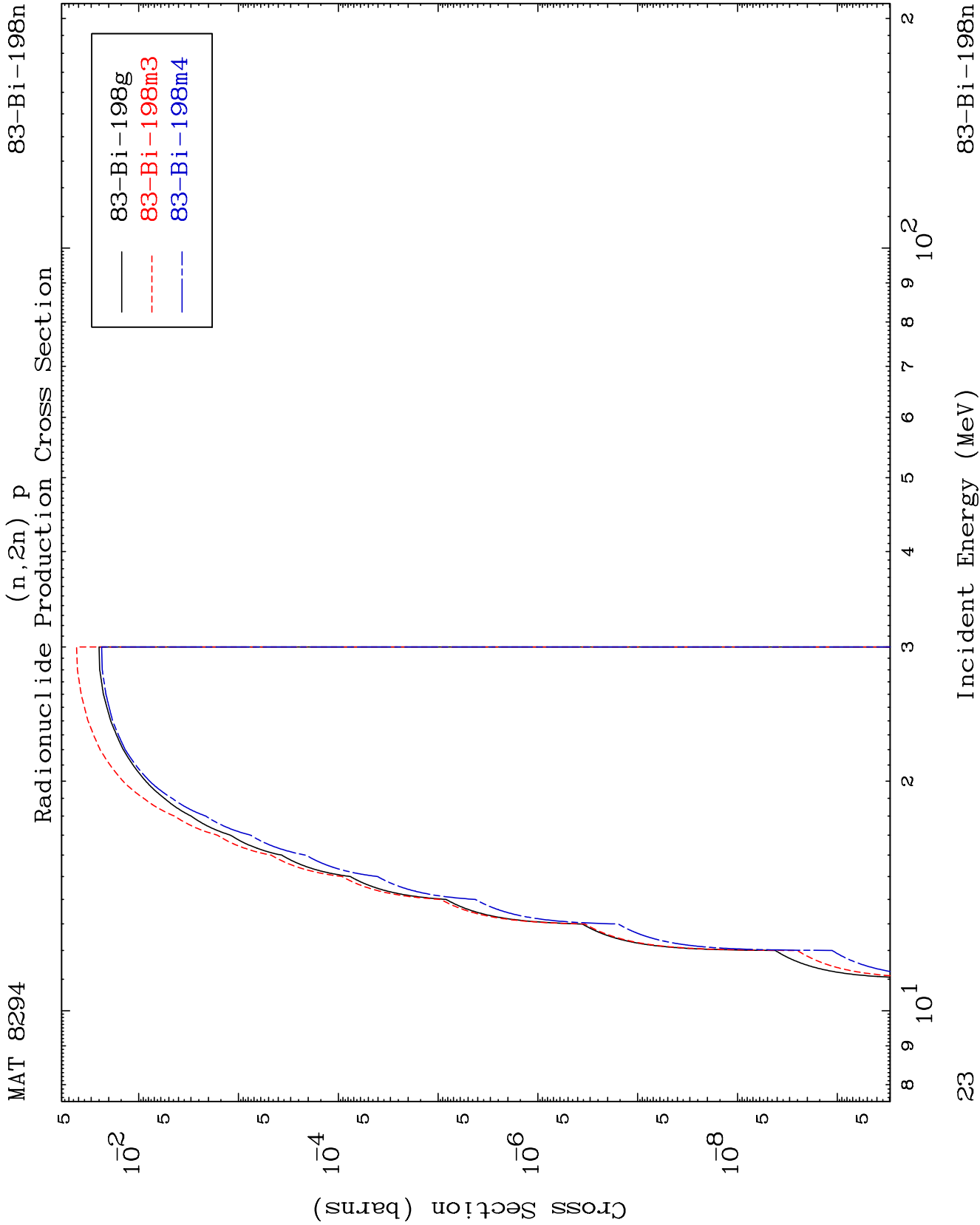
21

Incident Energy (MeV)

83-Bi-198n

(n,4n)
Radionuclide Production Cross Section

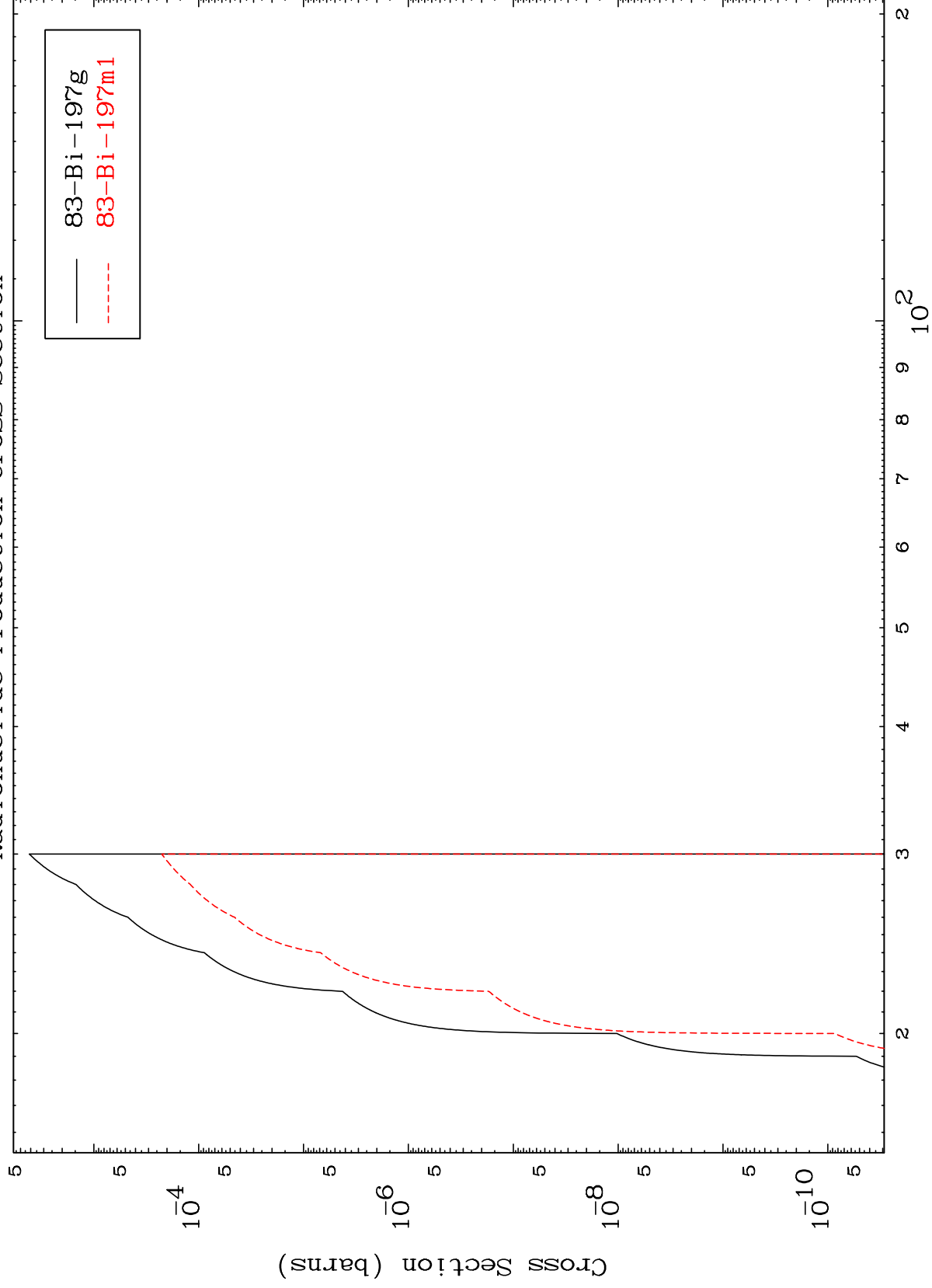




MAT 8294

83-Bi-198n

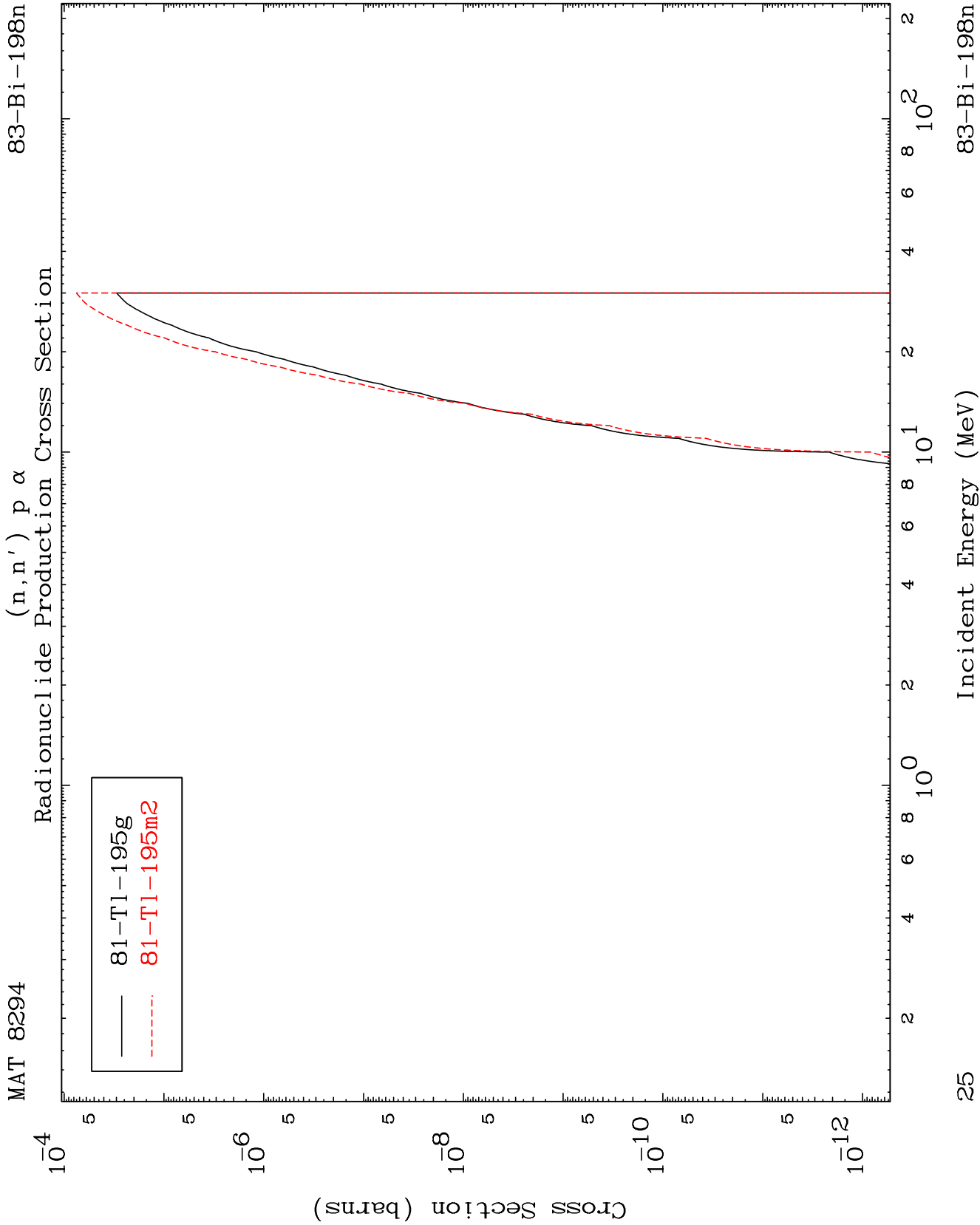
(n,3n) p
Radionuclide Production Cross Section

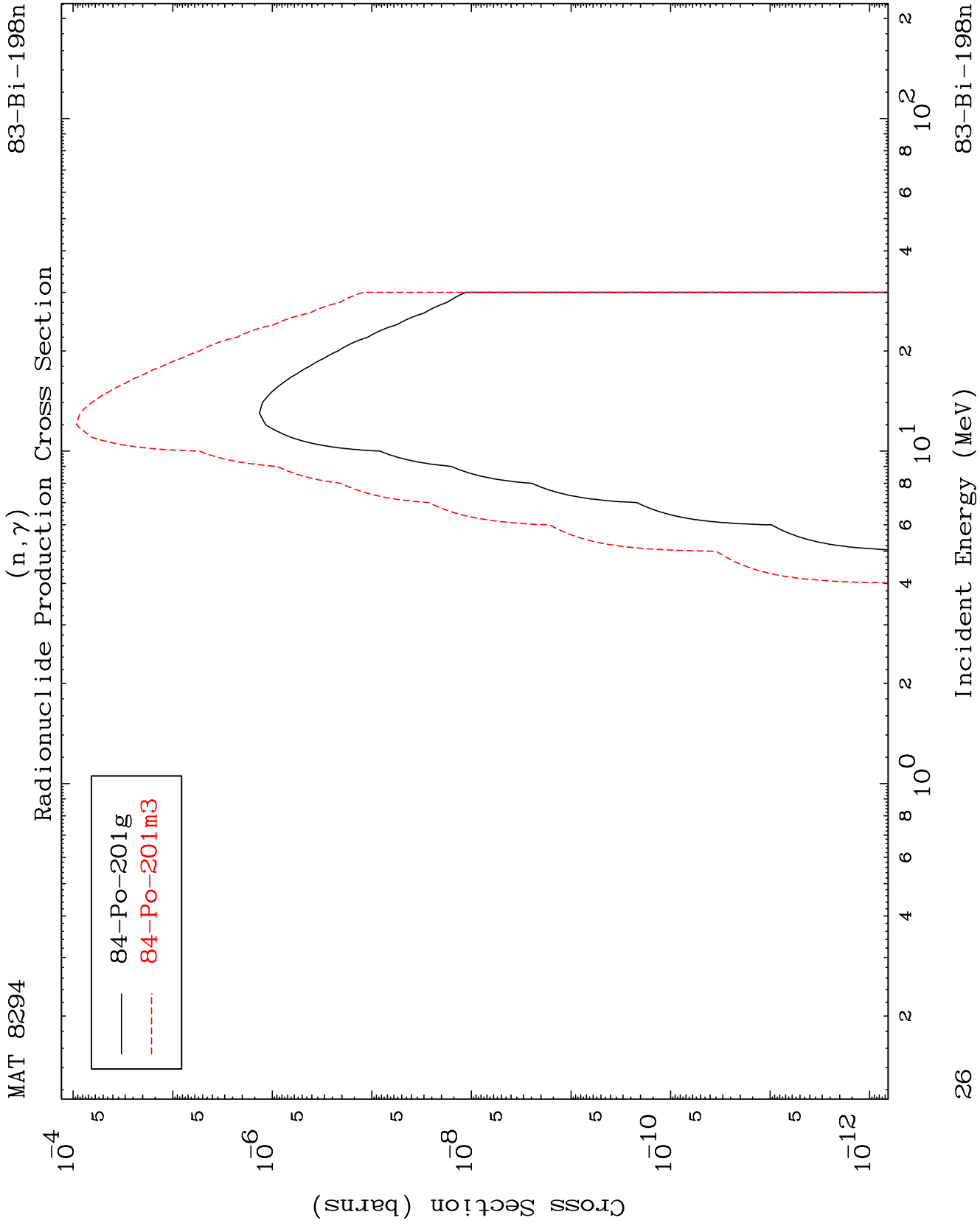


24

Incident Energy (MeV)

83-Bi-198n

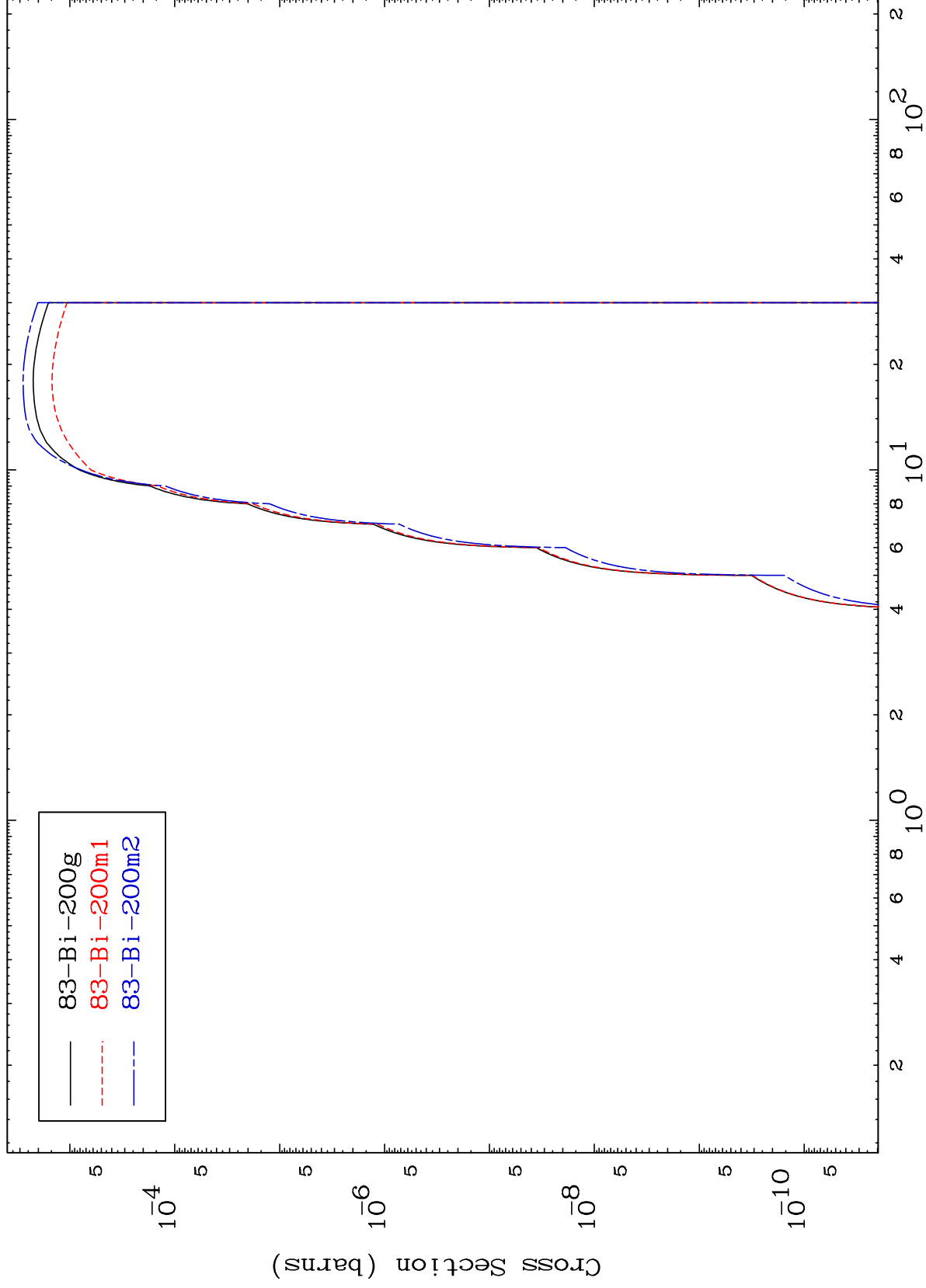




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83-Bi-198n

(n,p)
Radionuclide Production Cross Section



27

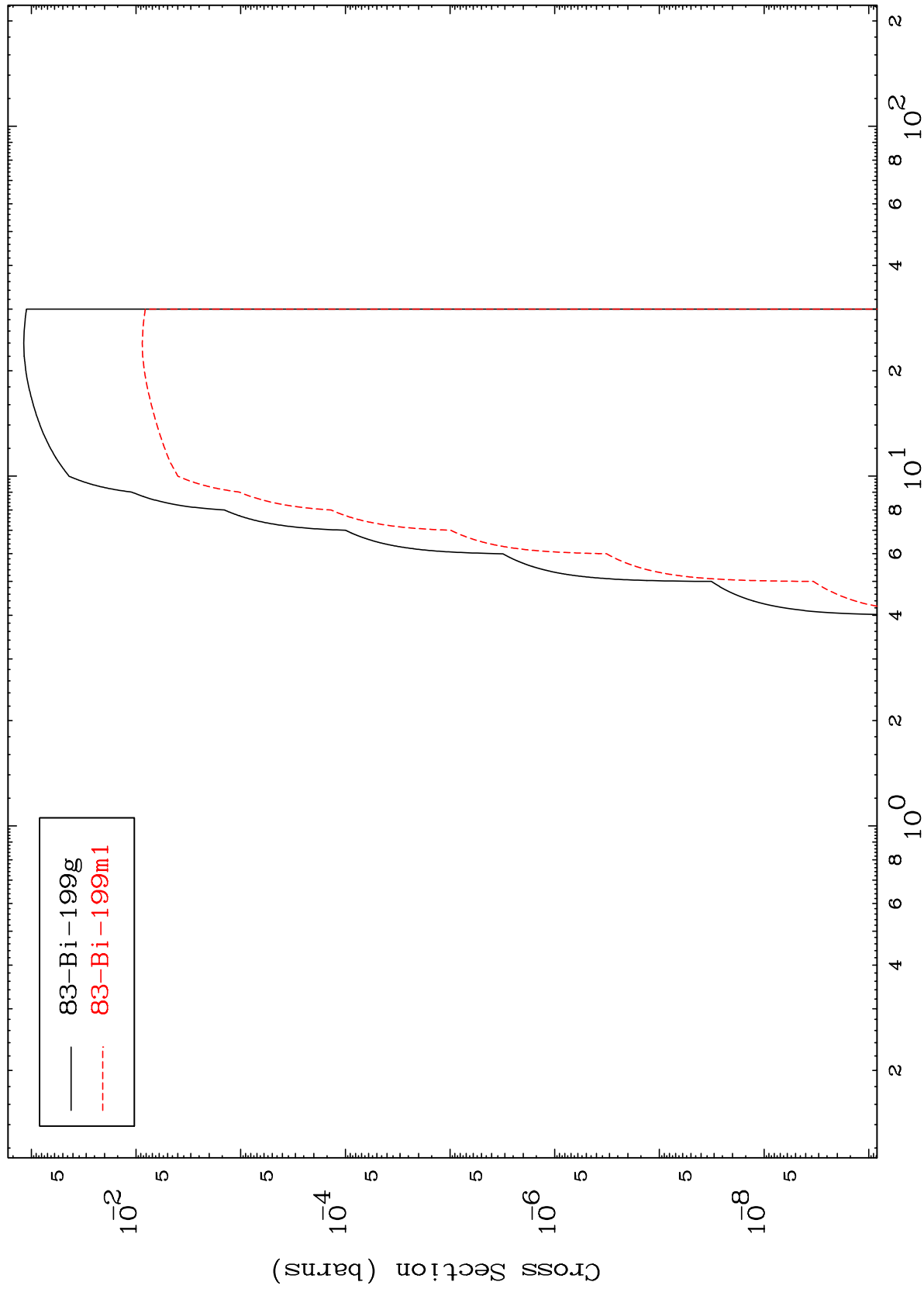
Incident Energy (MeV)

83-Bi-198n

MAT 8294

83-Bi-198n

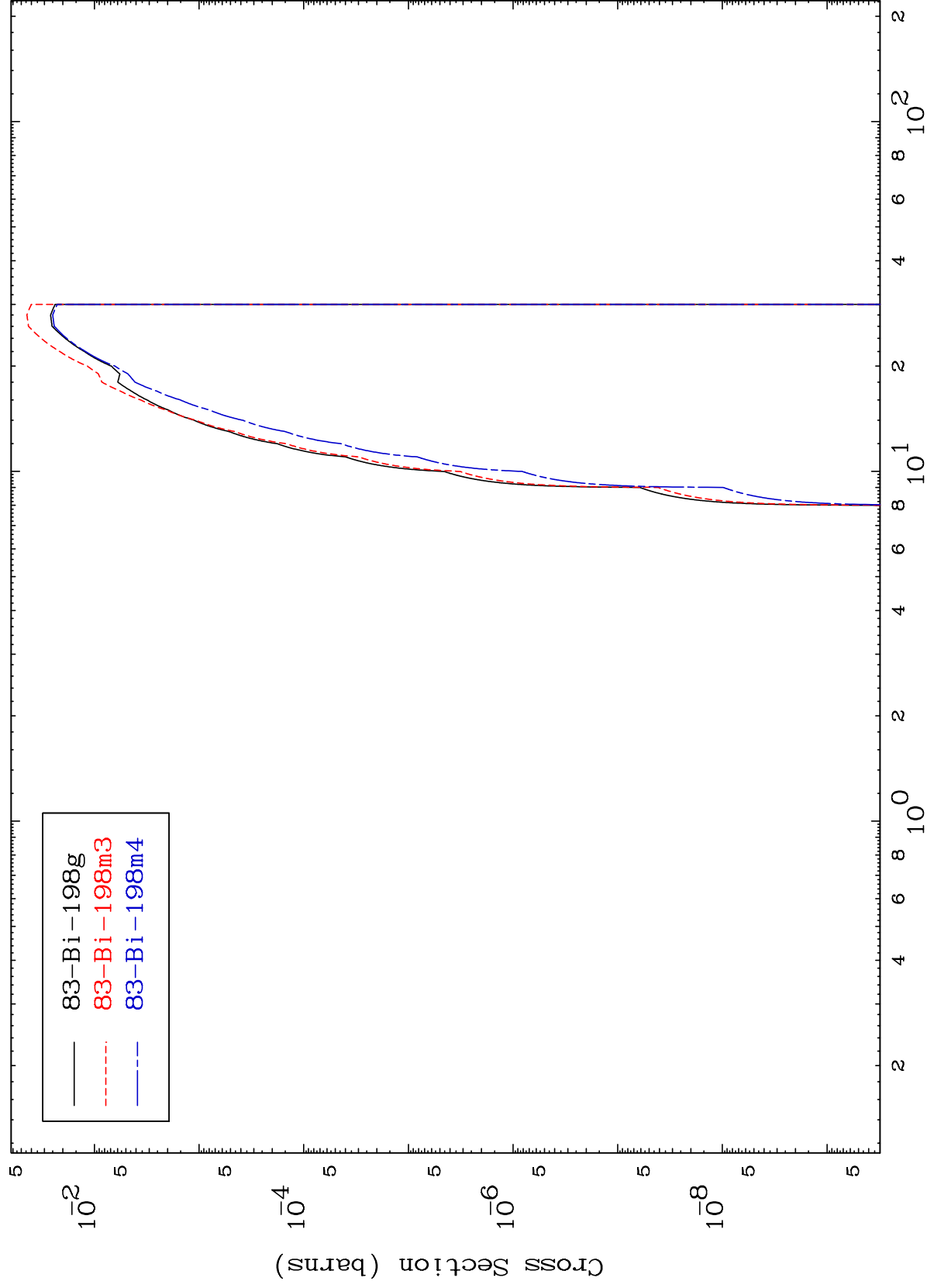
(n,d)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

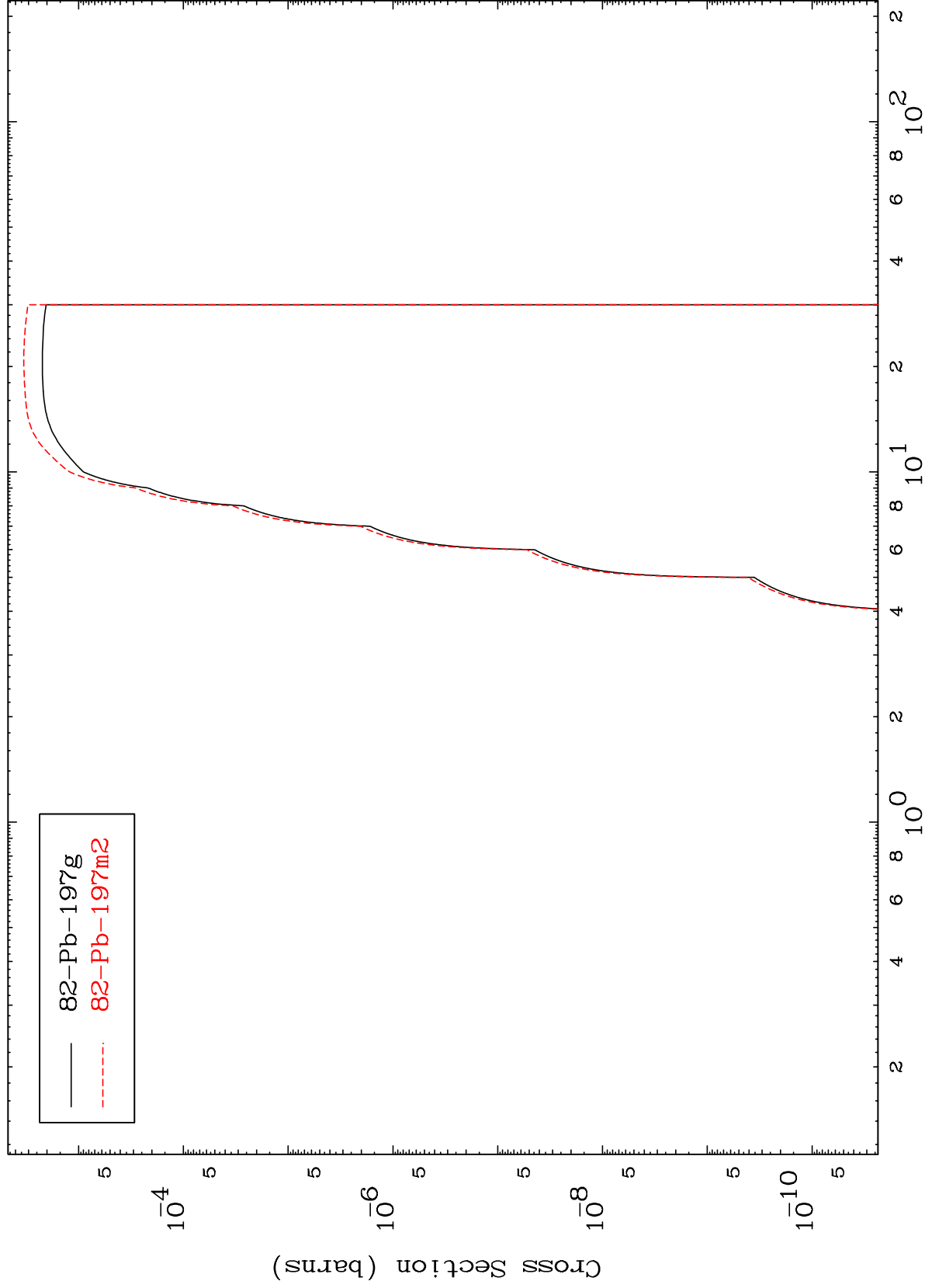
83-Bi-198n

(n,t)
Radionuclide Production Cross Section

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83-Bi-198n

Radionuclide Production Cross Section

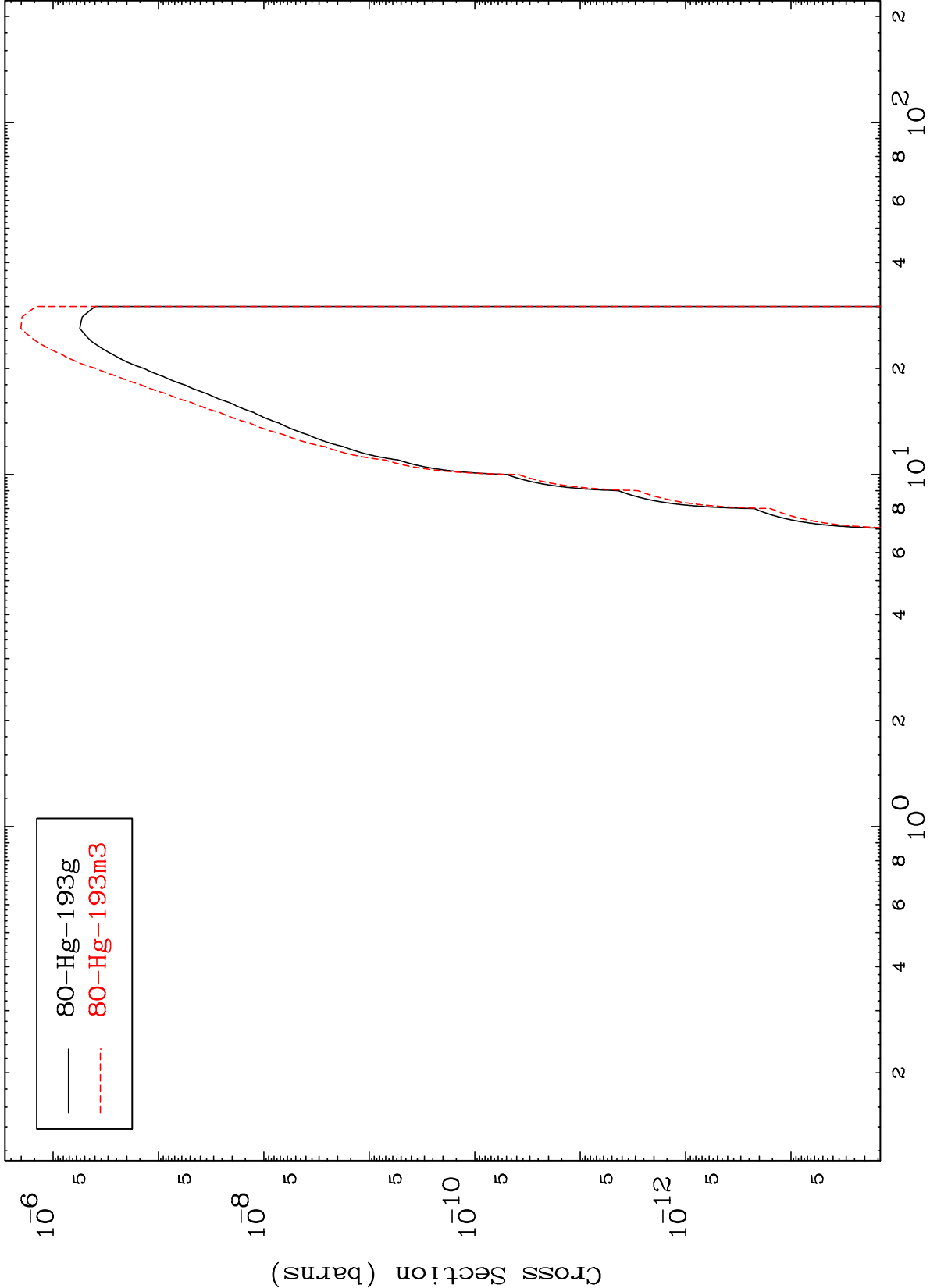


30

Incident Energy (MeV)

83-Bi-198n

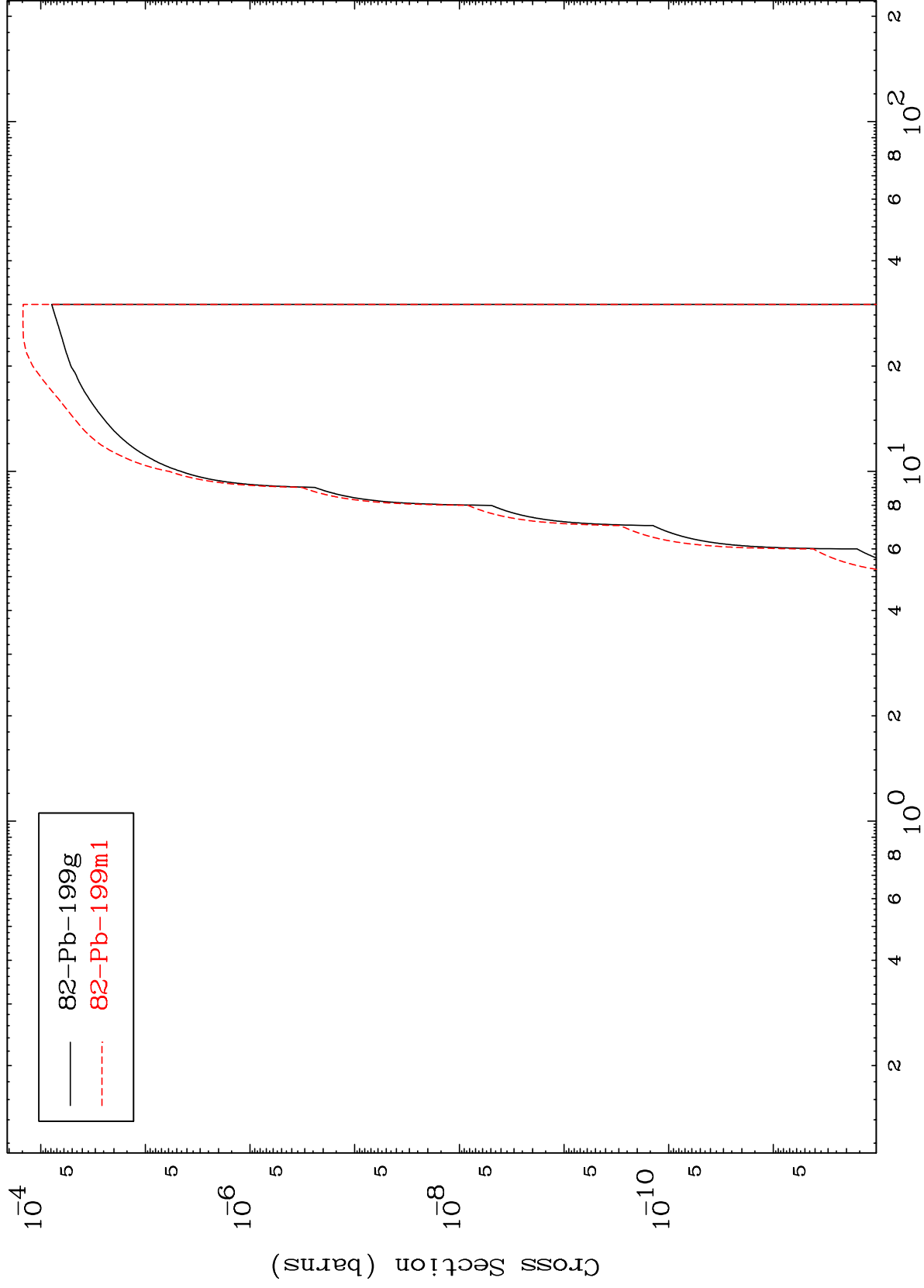
Radionuclide Production Cross Section
(n,2α)



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83-Bi-198n

(n,2p)
Radionuclide Production Cross Section



32

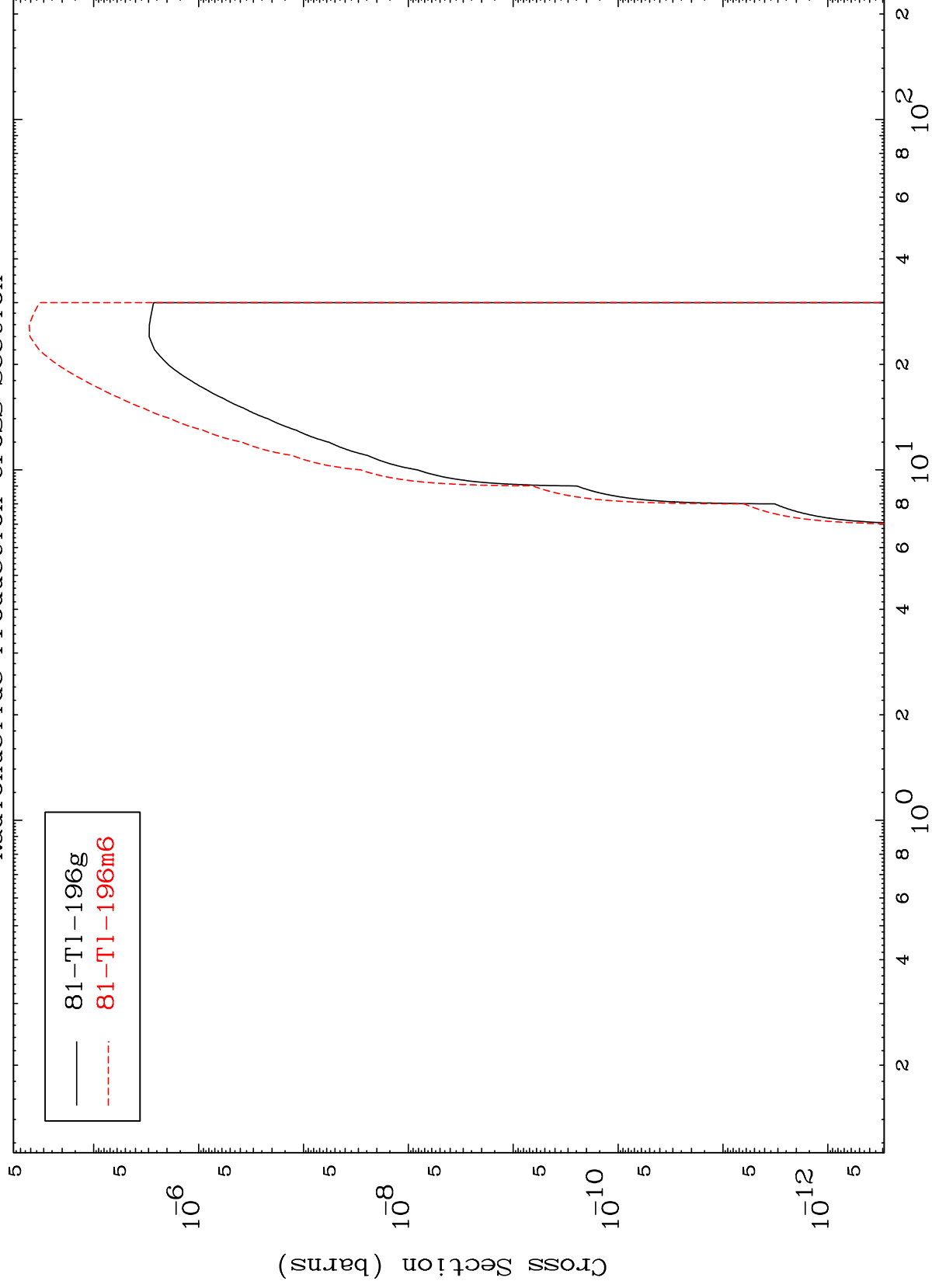
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,p) α
Radionuclide Production Cross Section



33

Incident Energy (MeV)

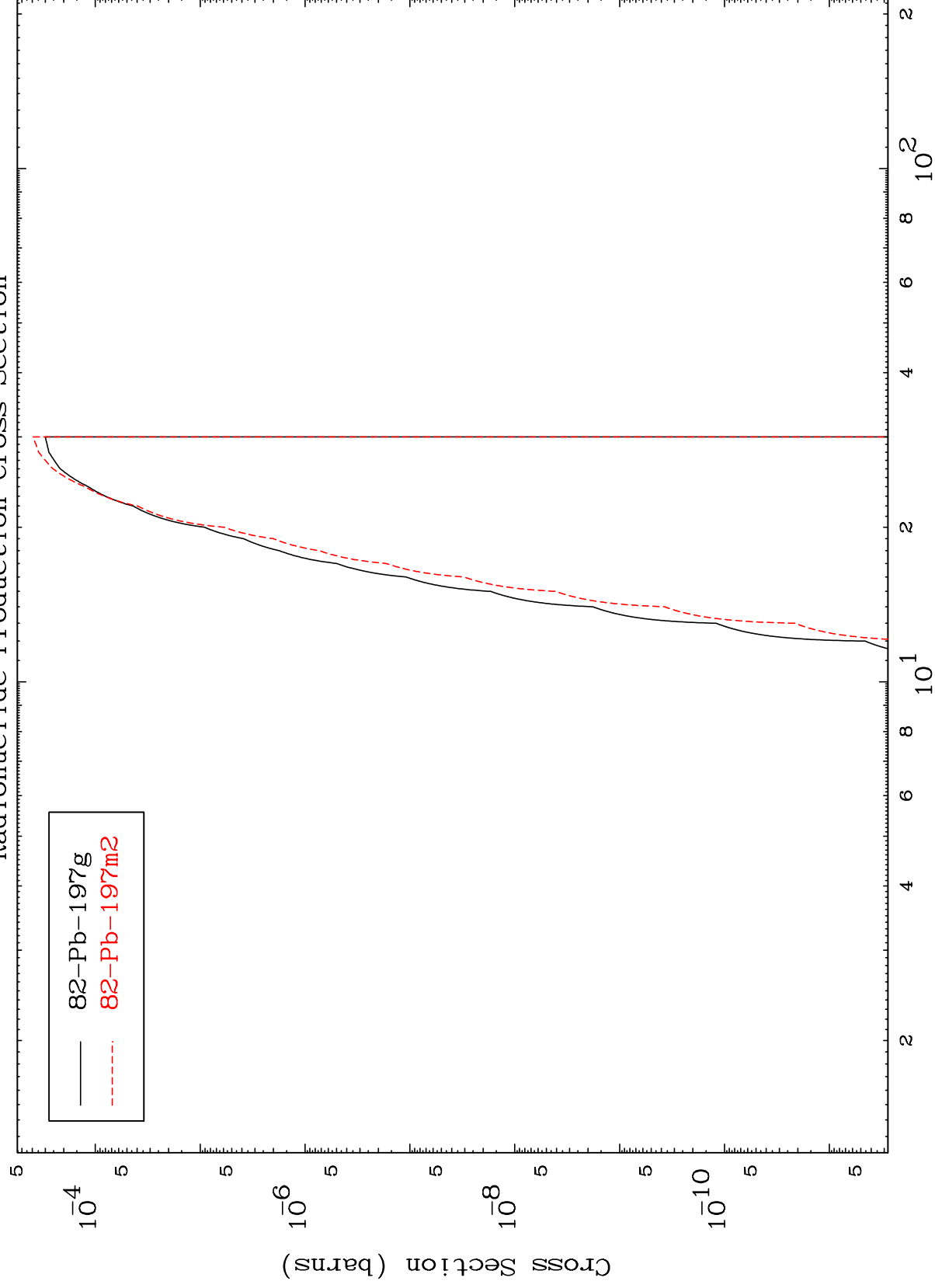
83-Bi-198n

MAT 8294

(n,p) t

83-Bi-198n

Radionuclide Production Cross Section



34

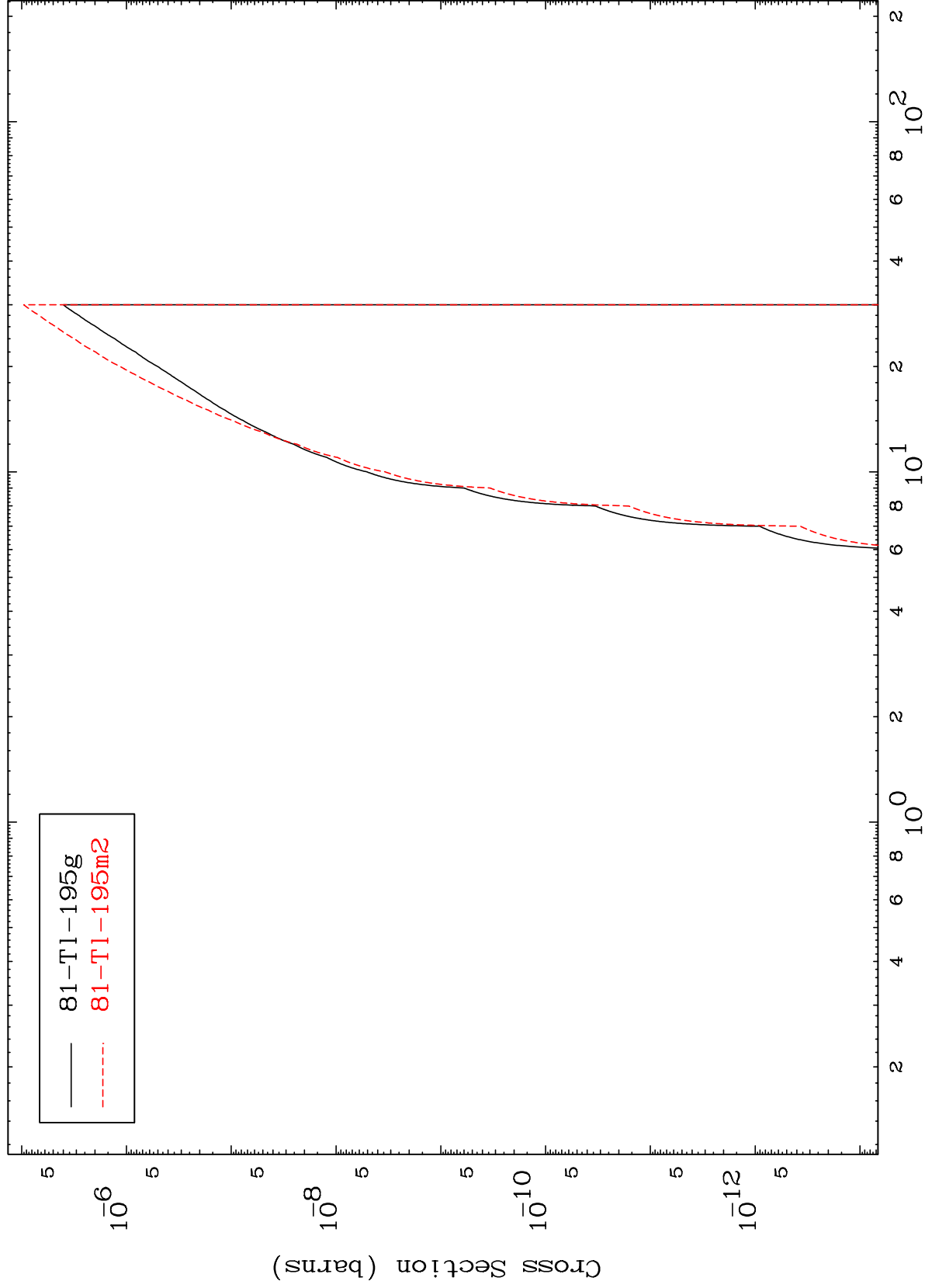
Incident Energy (MeV)

83-Bi-198n

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83-Bi-198n

(n,d) α
Radionuclide Production Cross Section



35

Incident Energy (MeV)

83-Bi-198n