

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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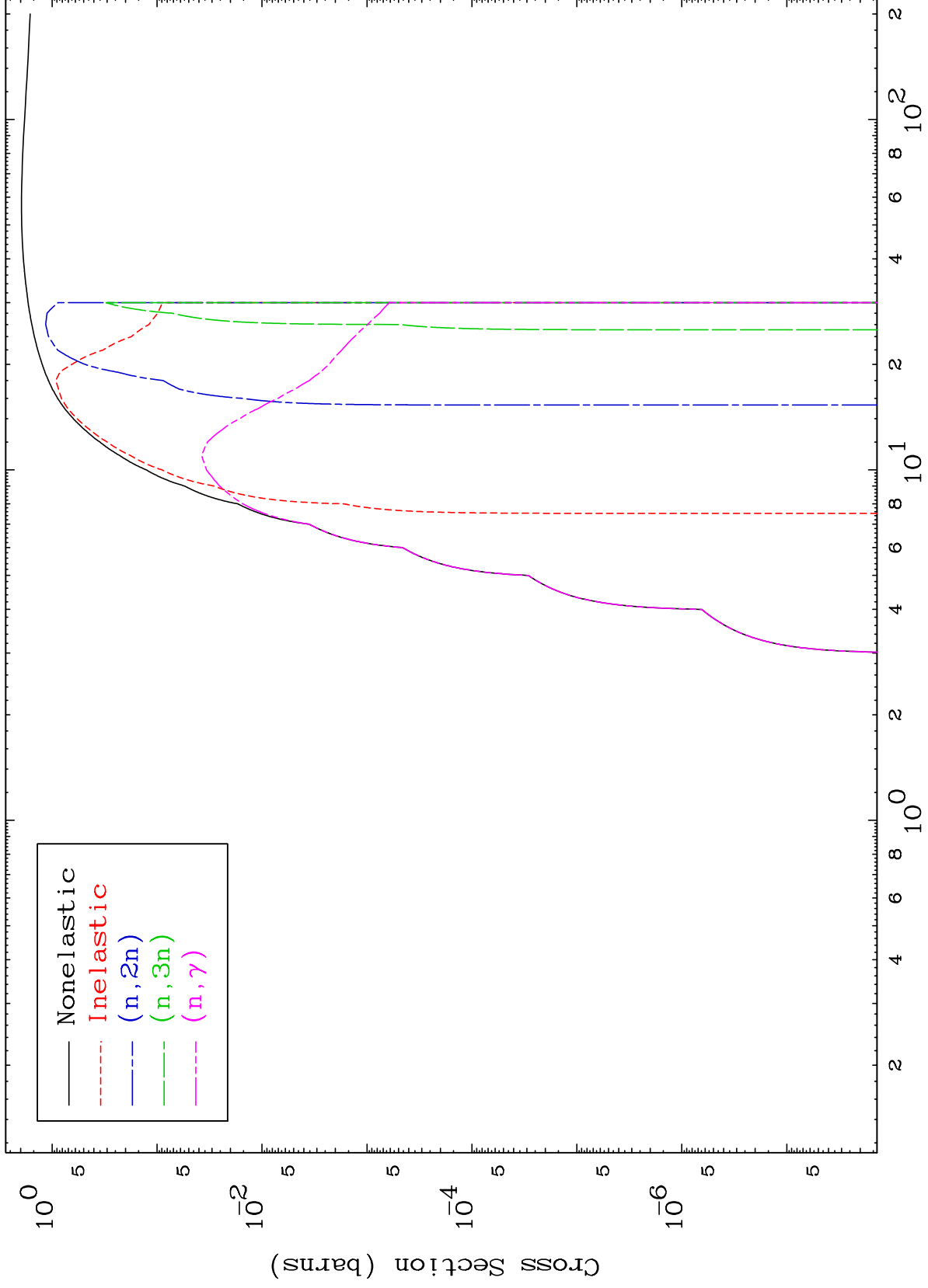
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

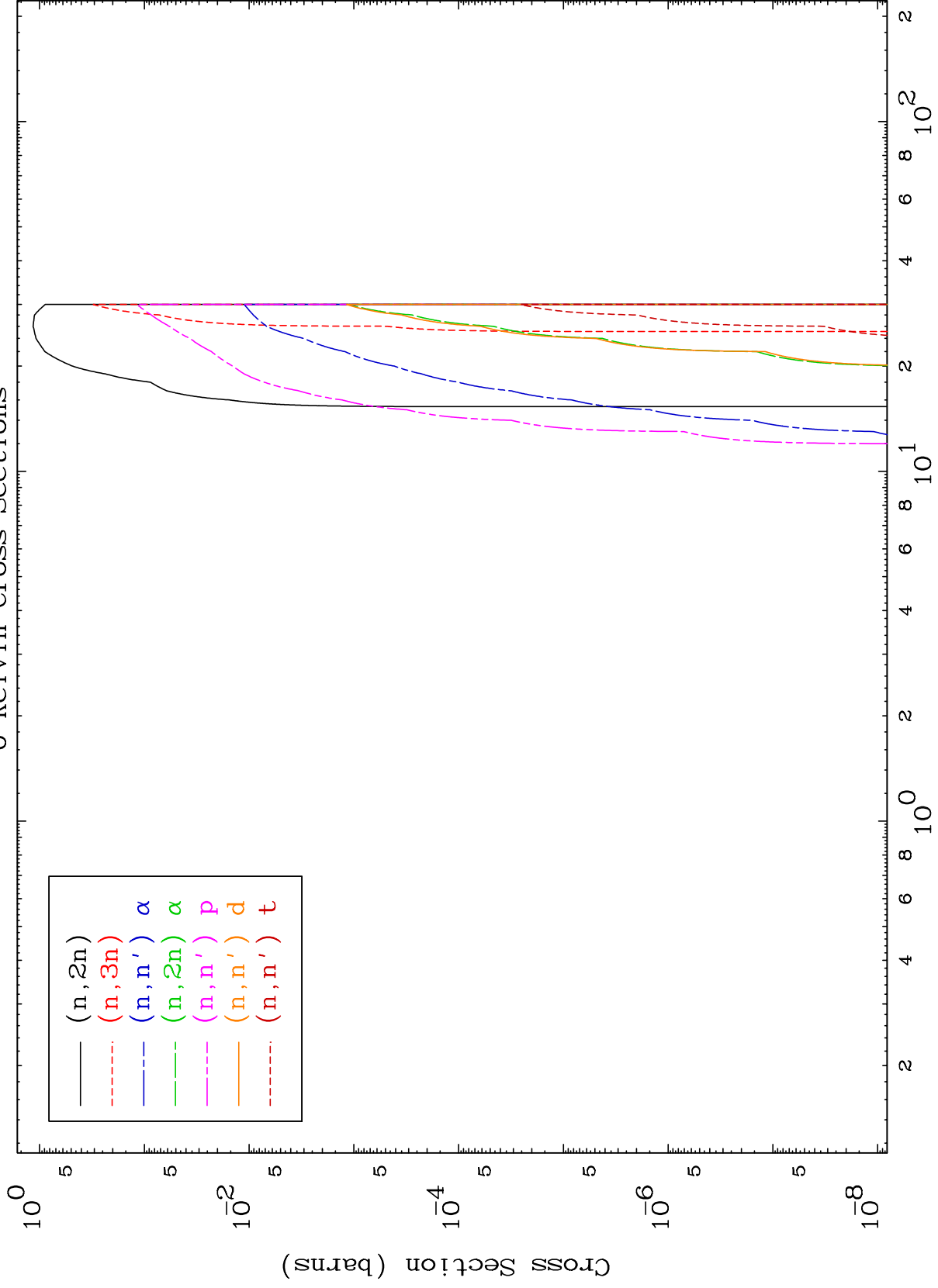
0 Kelvin Cross Sections

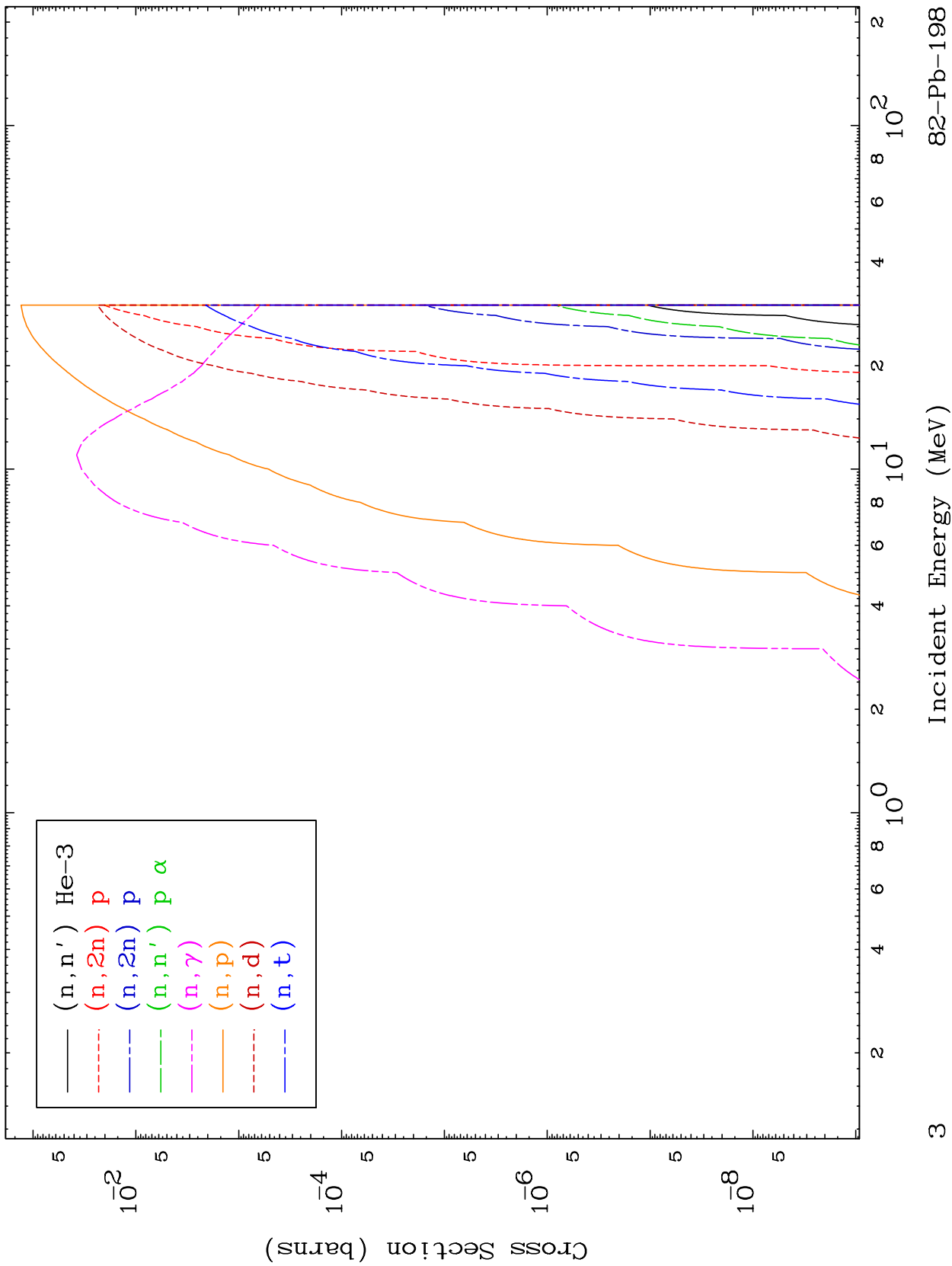


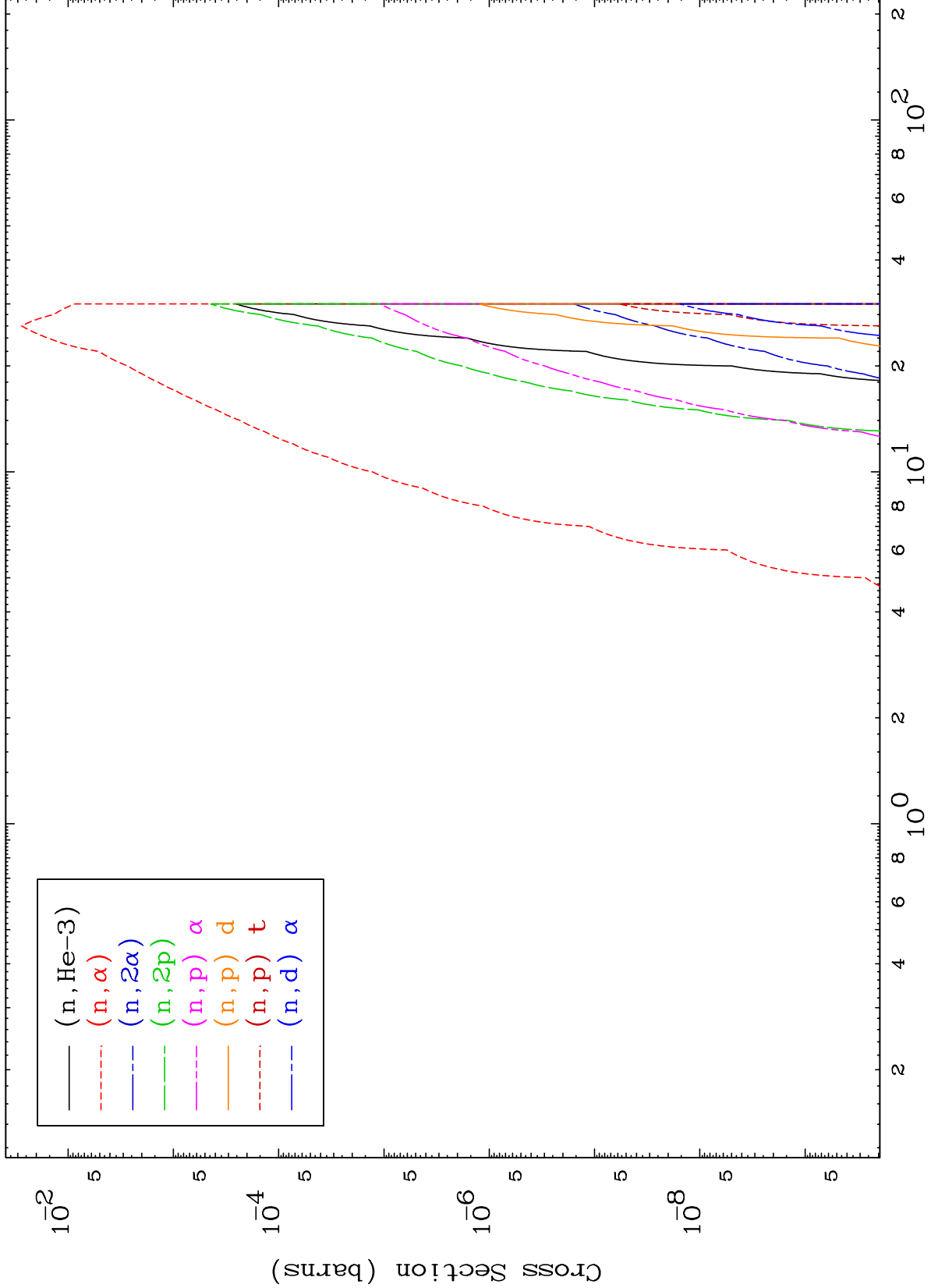
MAT 8207

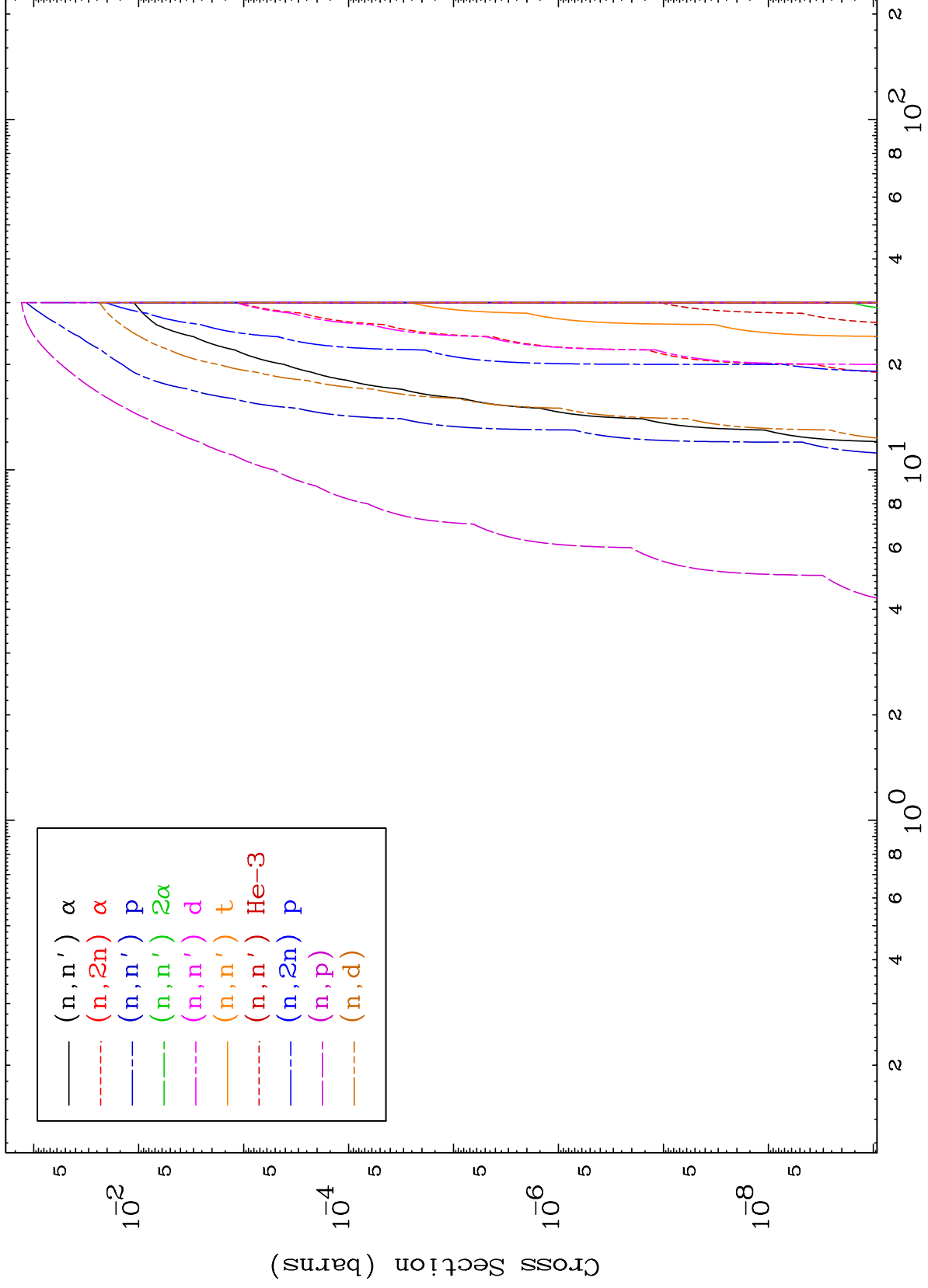
Proton Neutron Absorption
0 Kelvin Cross Sections

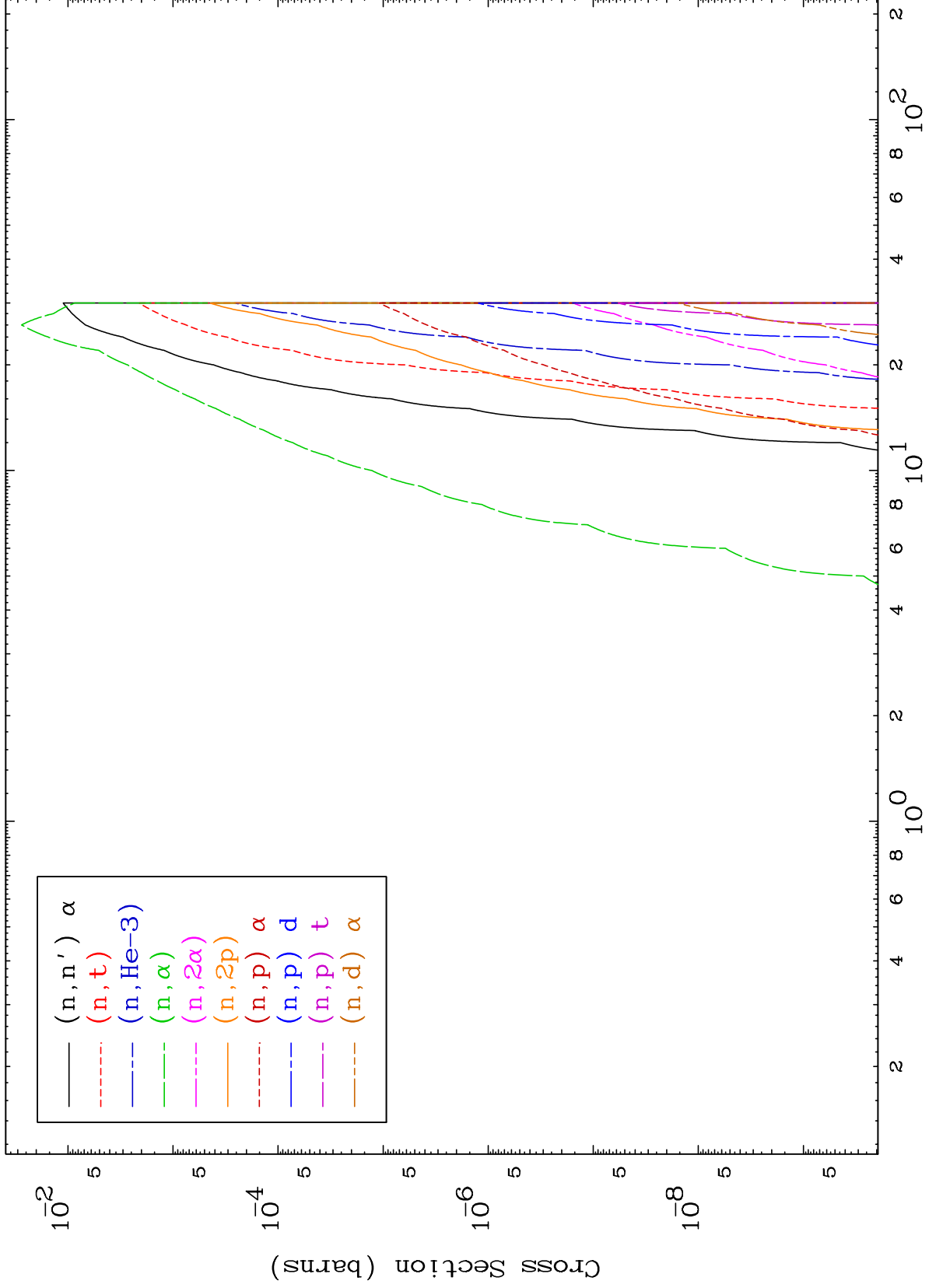
82-Pb-198







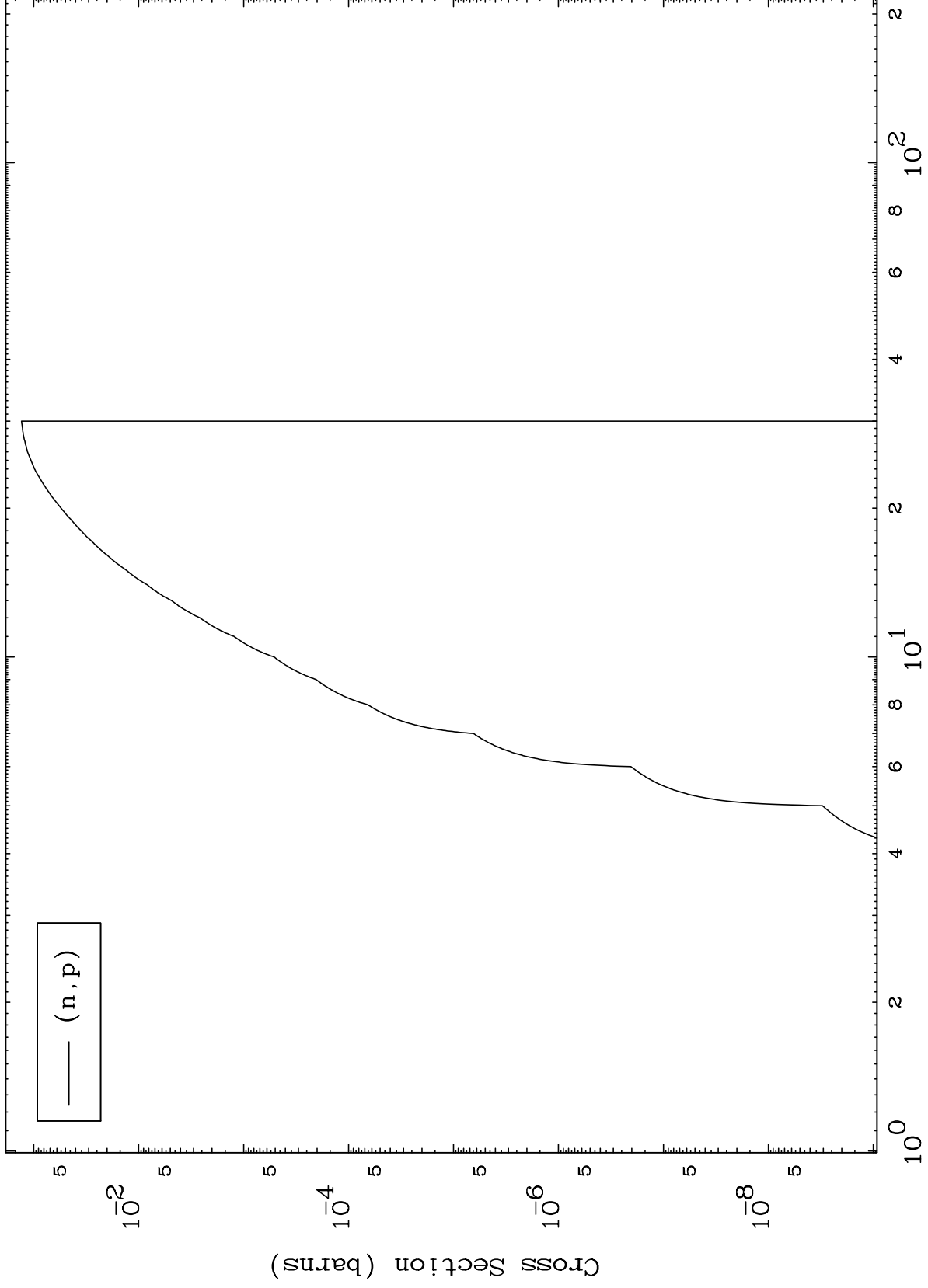




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(p,p) Levels
0 Kelvin Cross Sections

82-Pb-198



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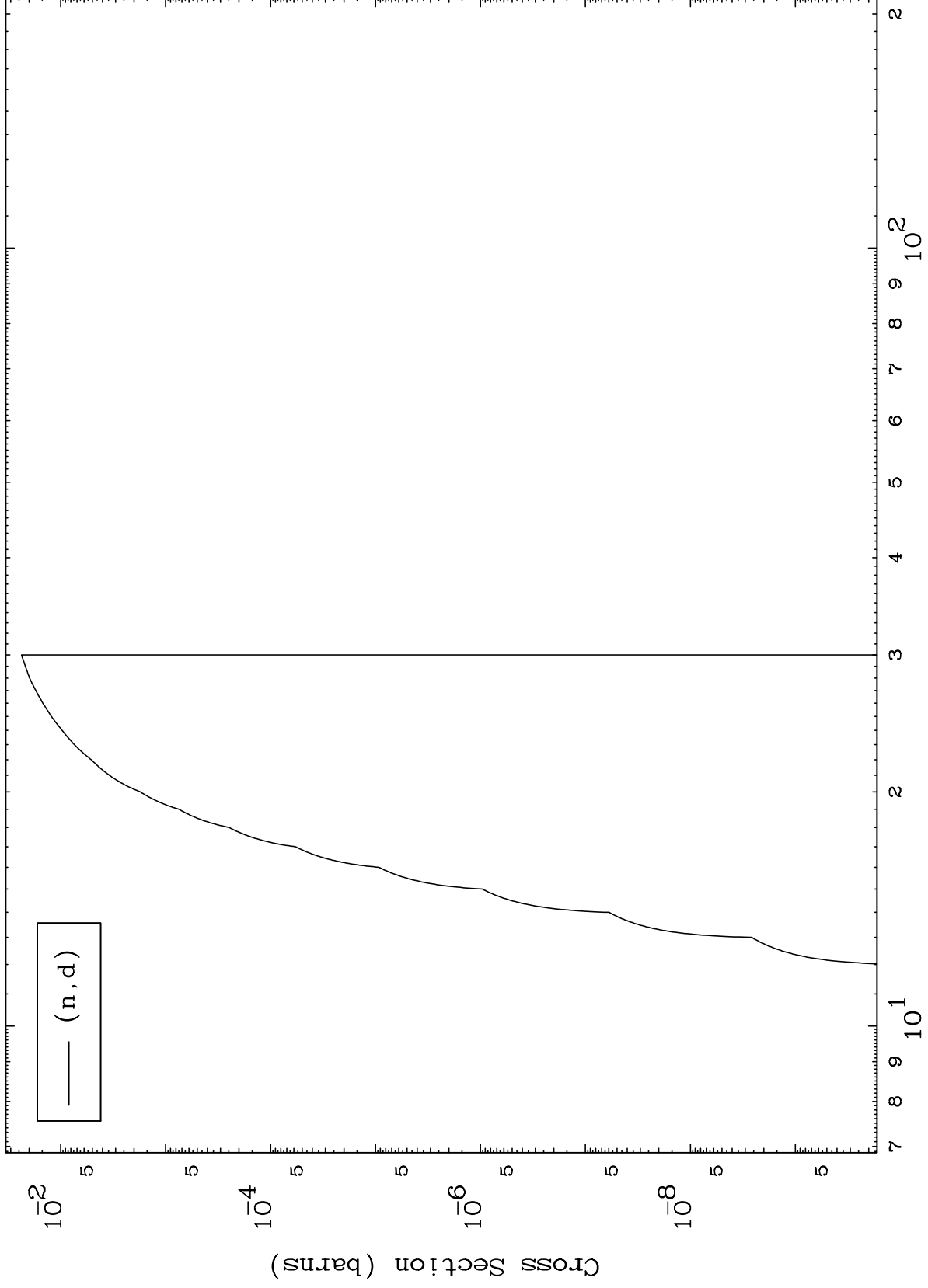
Incident Energy (MeV)

82-Pb-198

MAT 8207

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-198



8

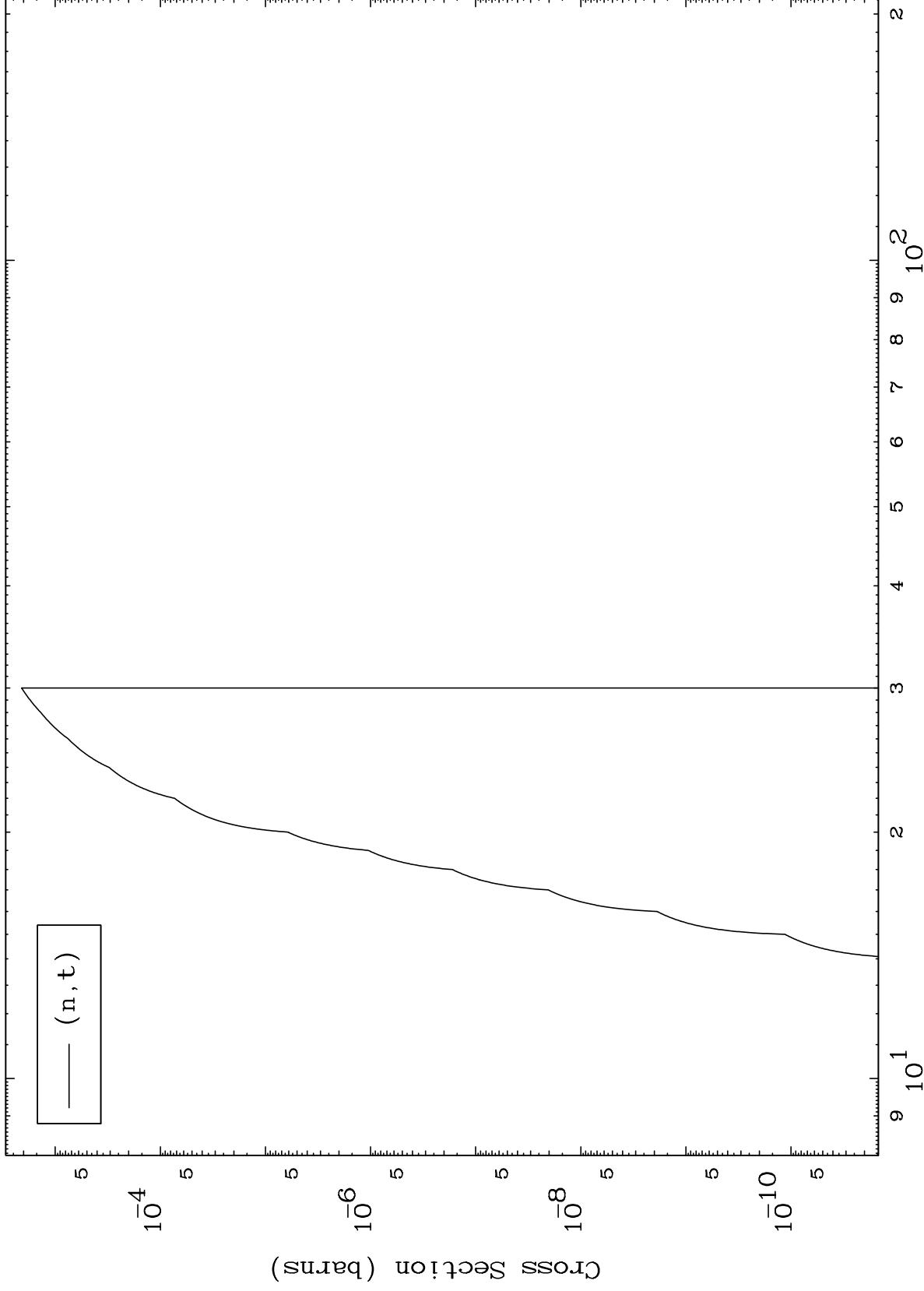
Incident Energy (MeV)

82-Pb-198

MAT 8207

(p, t) Levels
0 Kelvin Cross Sections

82-Pb-198



9

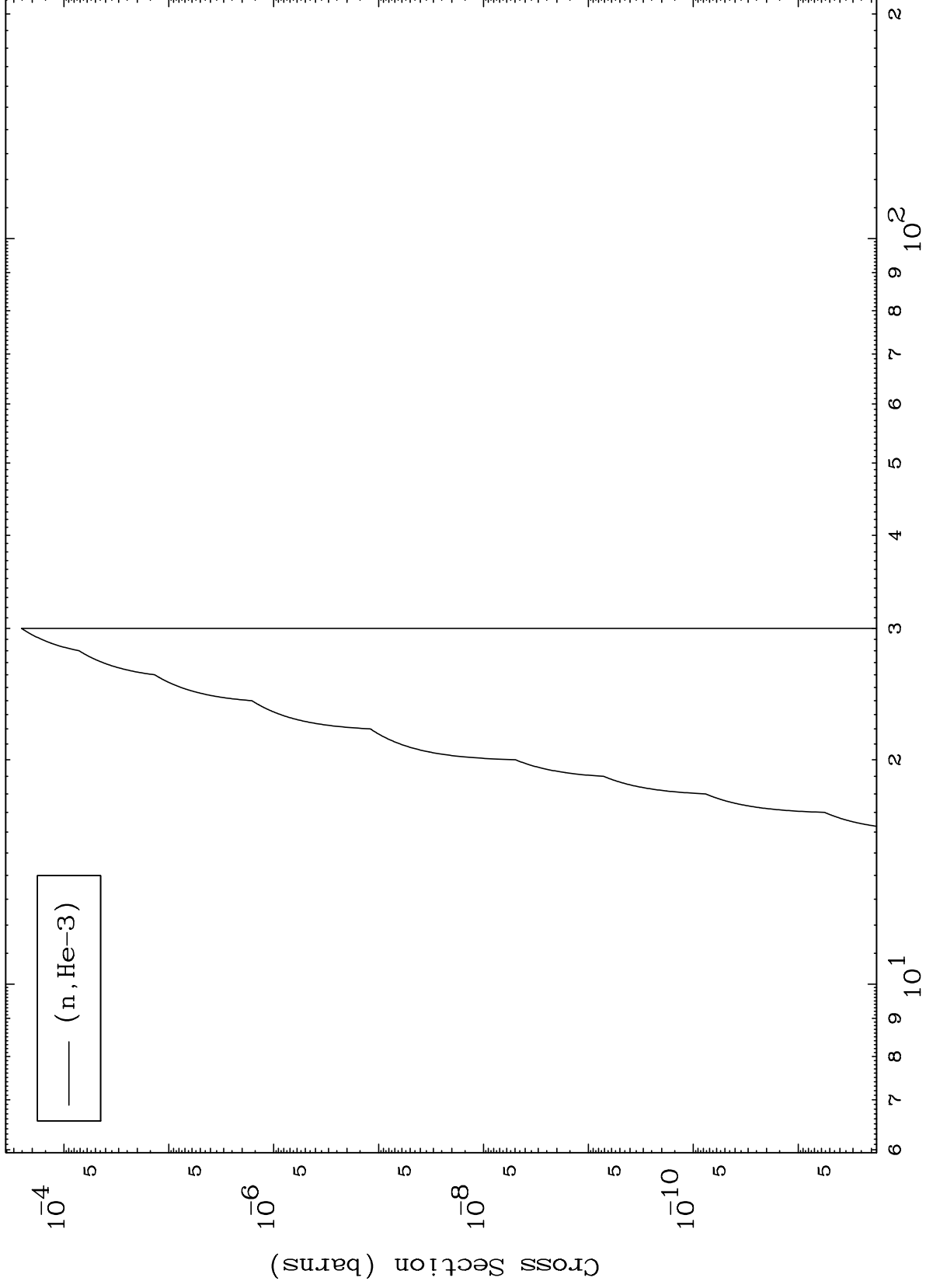
Incident Energy (MeV)

82-Pb-198

MAT 8207

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-198



10

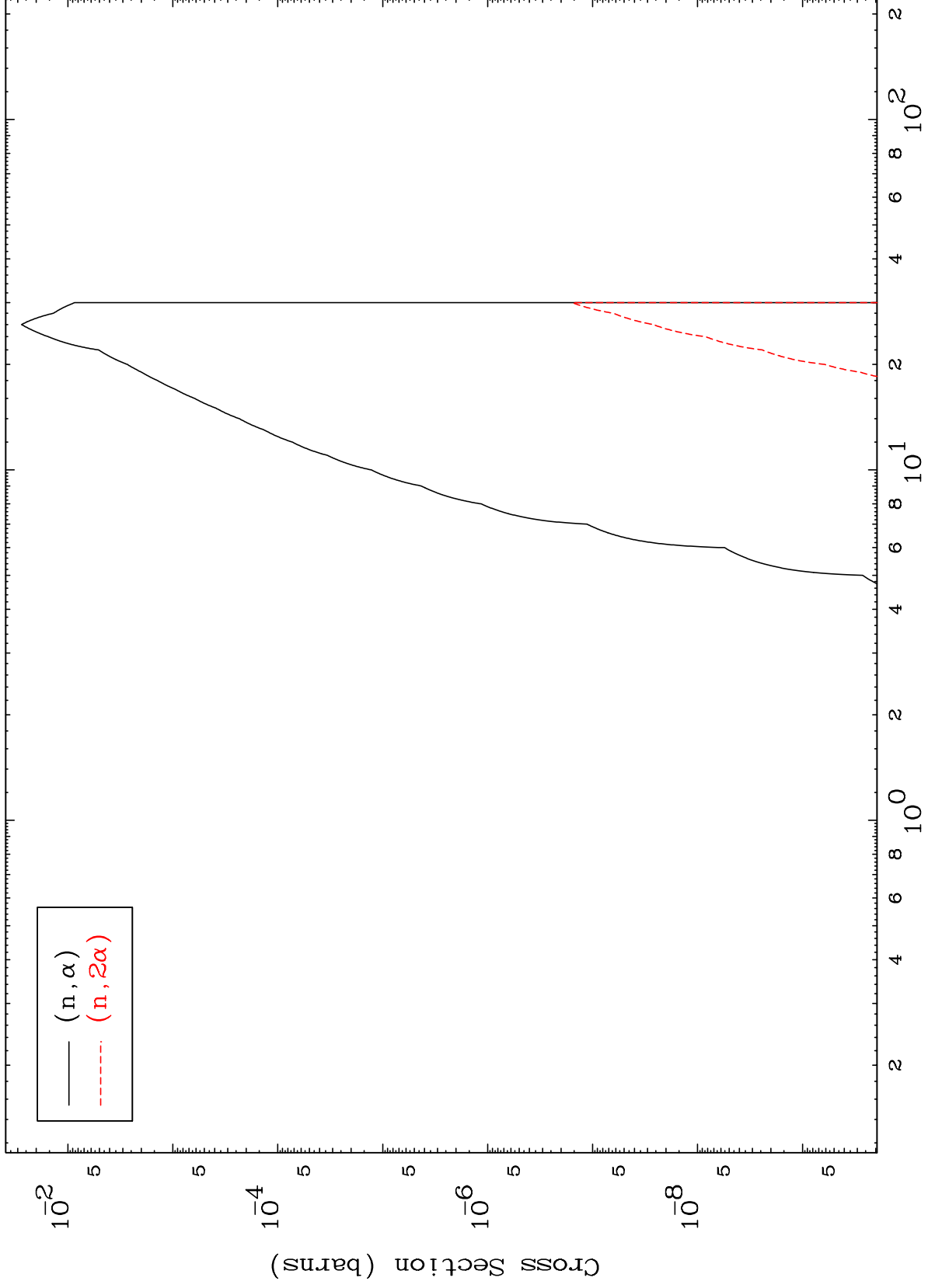
Incident Energy (MeV)

82-Pb-198

MAT 8207

(p, α) Levels
0 Kelvin Cross Sections

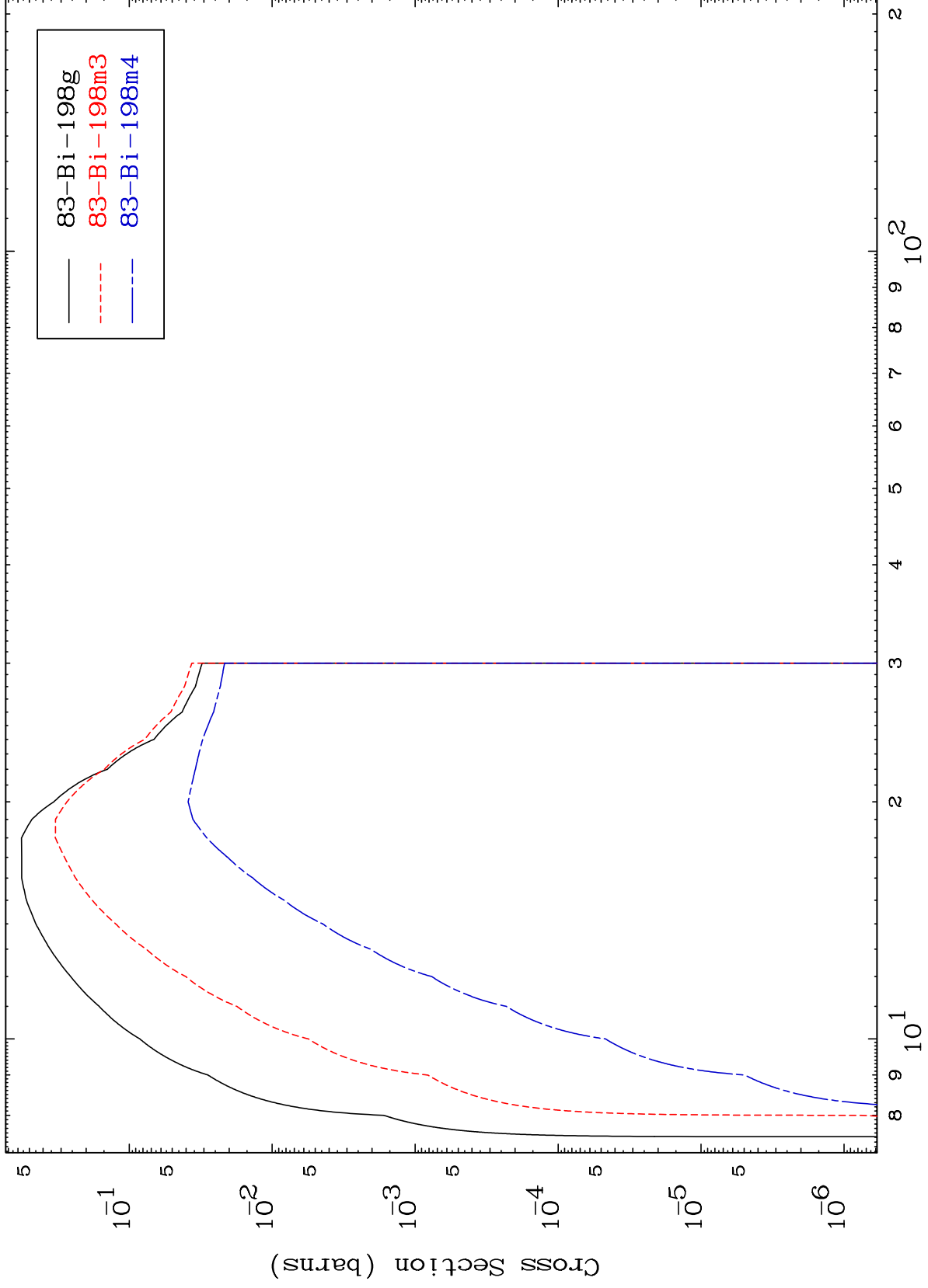
82-Pb-198



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Inelastic
Radionuclide Production Cross Section

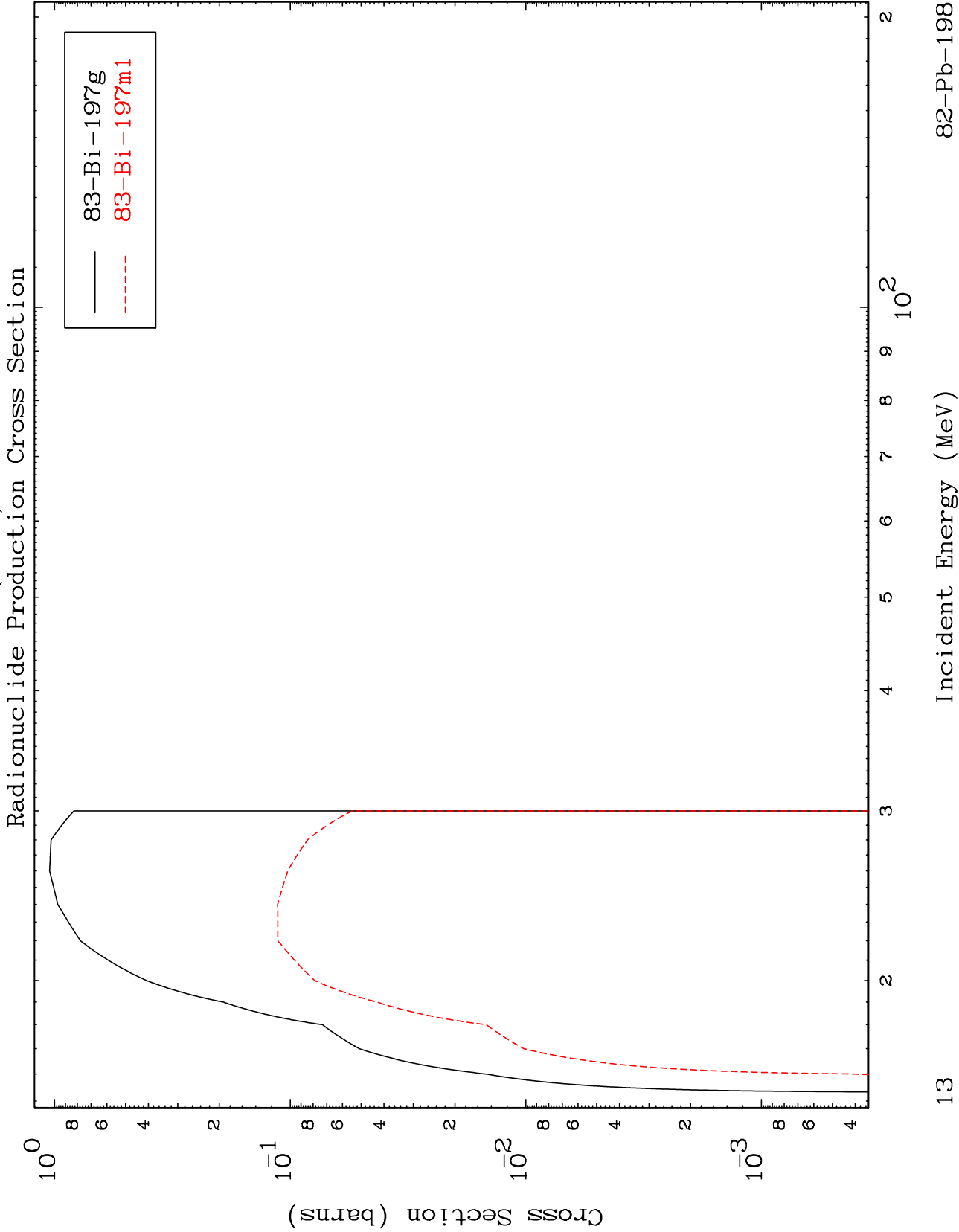
82-Pb-198



12

Incident Energy (MeV)

82-Pb-198

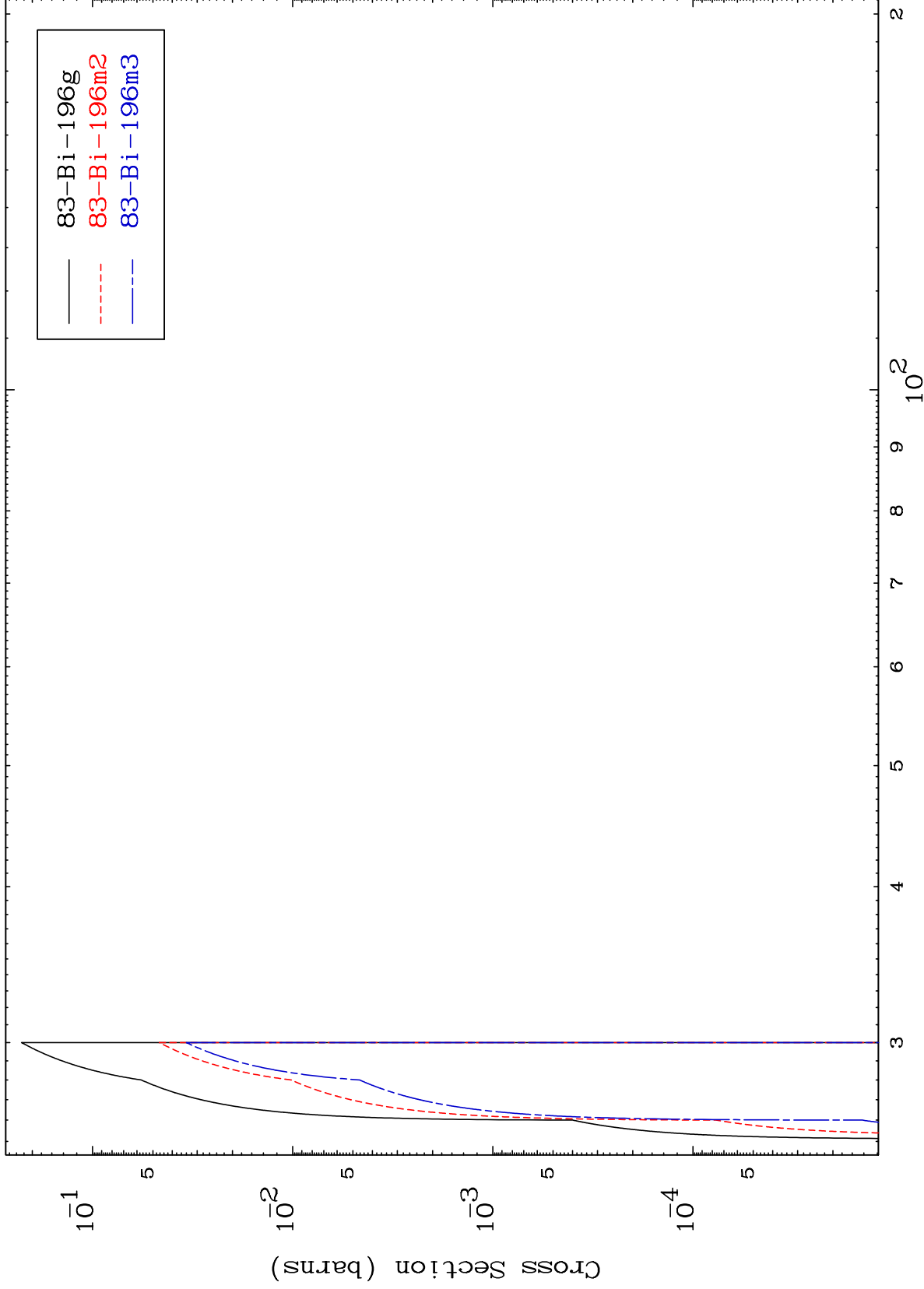


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(n,3n)

82-Pb-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

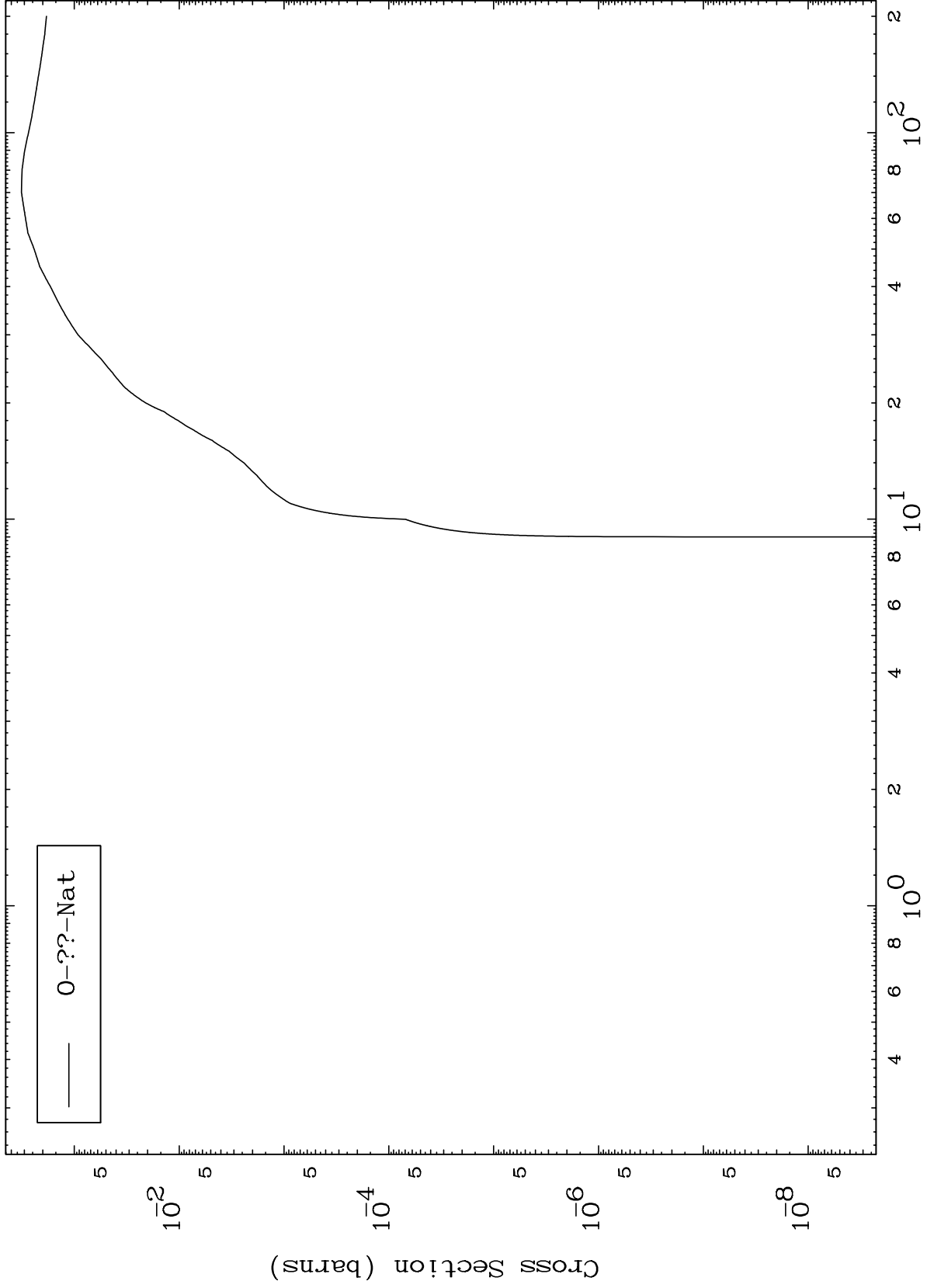
82-Pb-198

MAT 8207

Fission

82-Pb-198

Radionuclide Production Cross Section

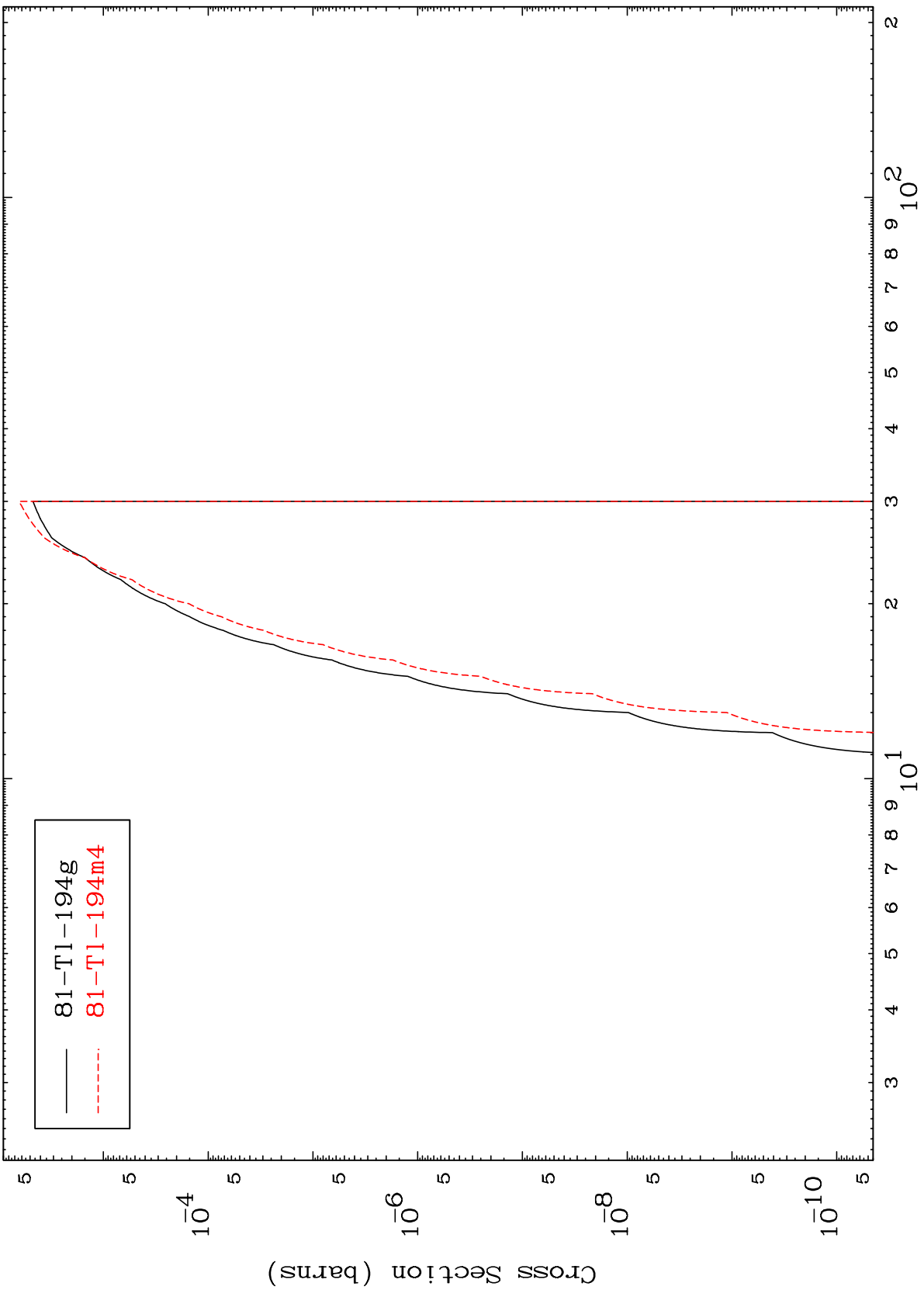


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$(n, n') \alpha$

82-Pb-198

Radionuclide Production Cross Section



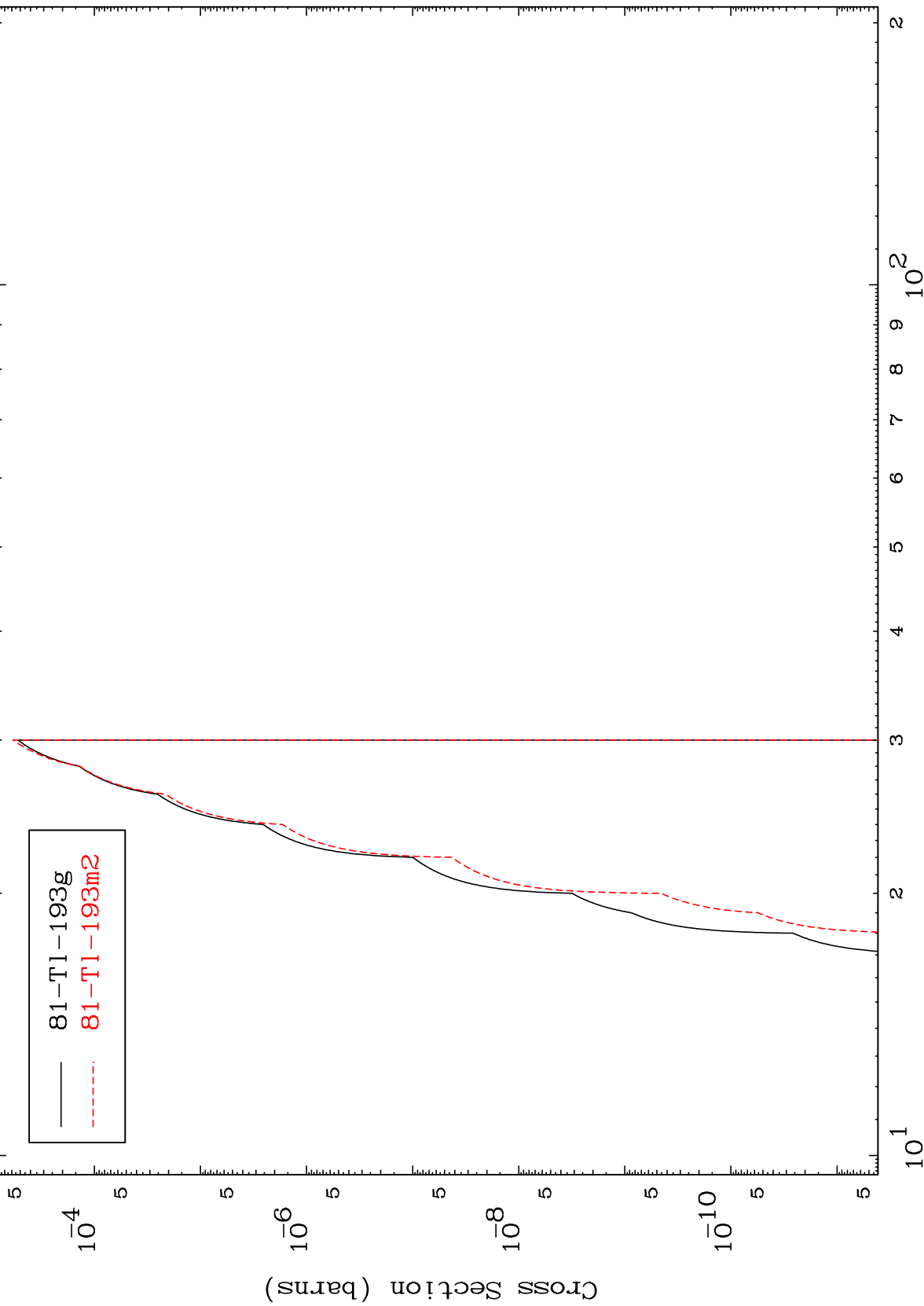
81-Tl-194g
81-Tl-194m4

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(n,2n) α

82-Pb-198

Radionuclide Production Cross Section



Incident Energy (MeV)

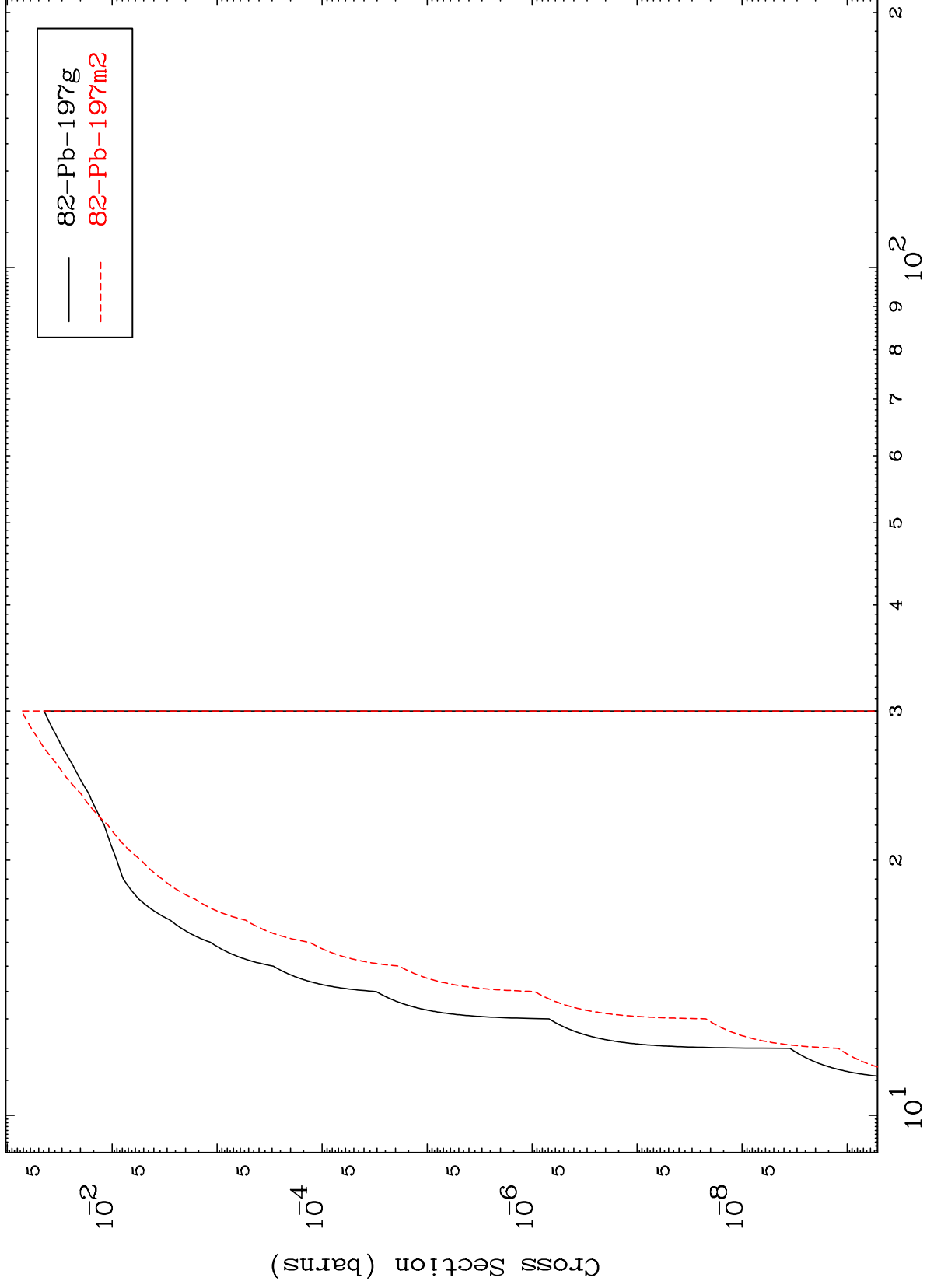
82-Pb-198

MAT 8207

(n,n') p

82-Pb-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

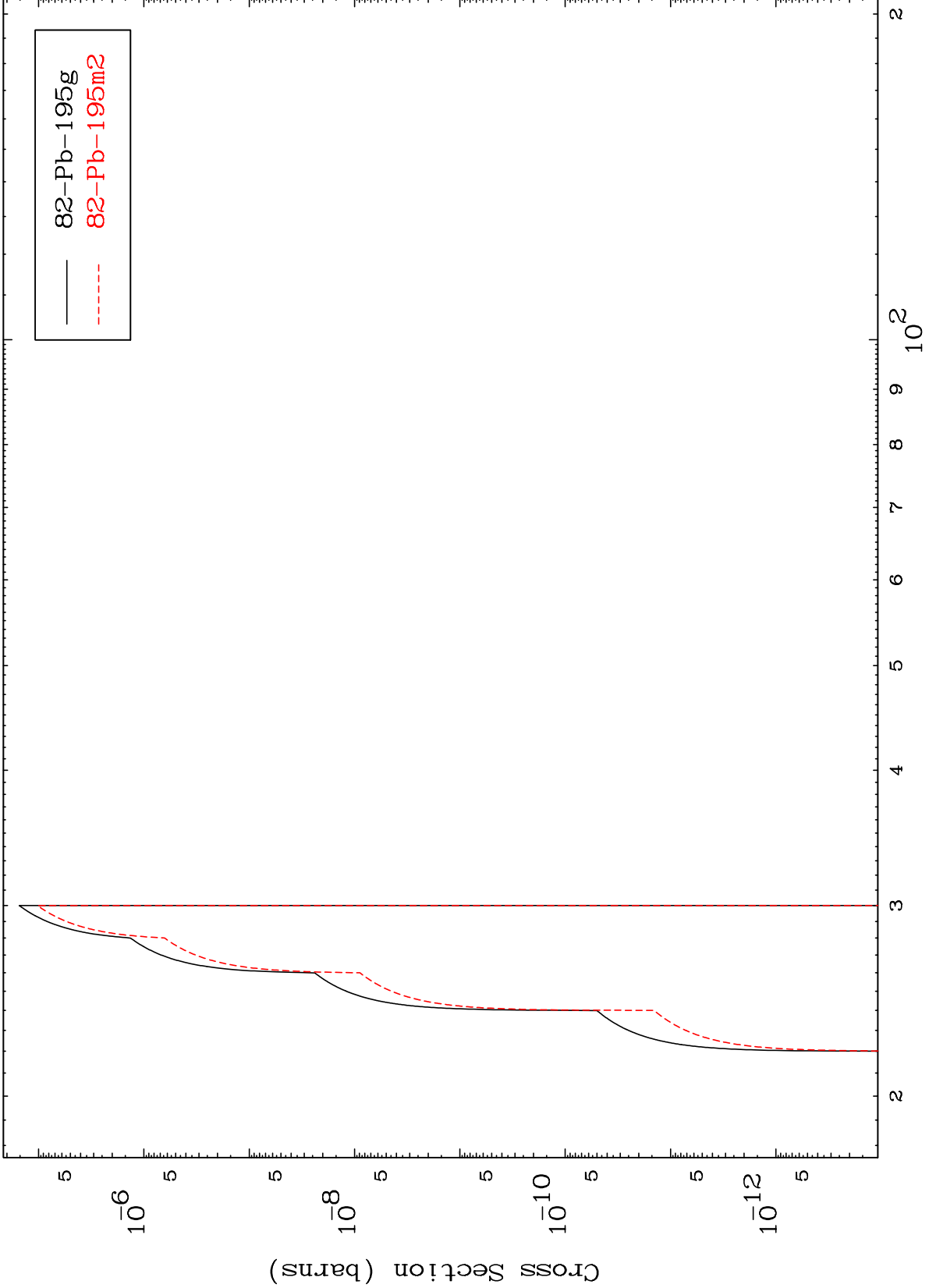
82-Pb-198

MAT 8207

(n,n') t

82-Pb-198

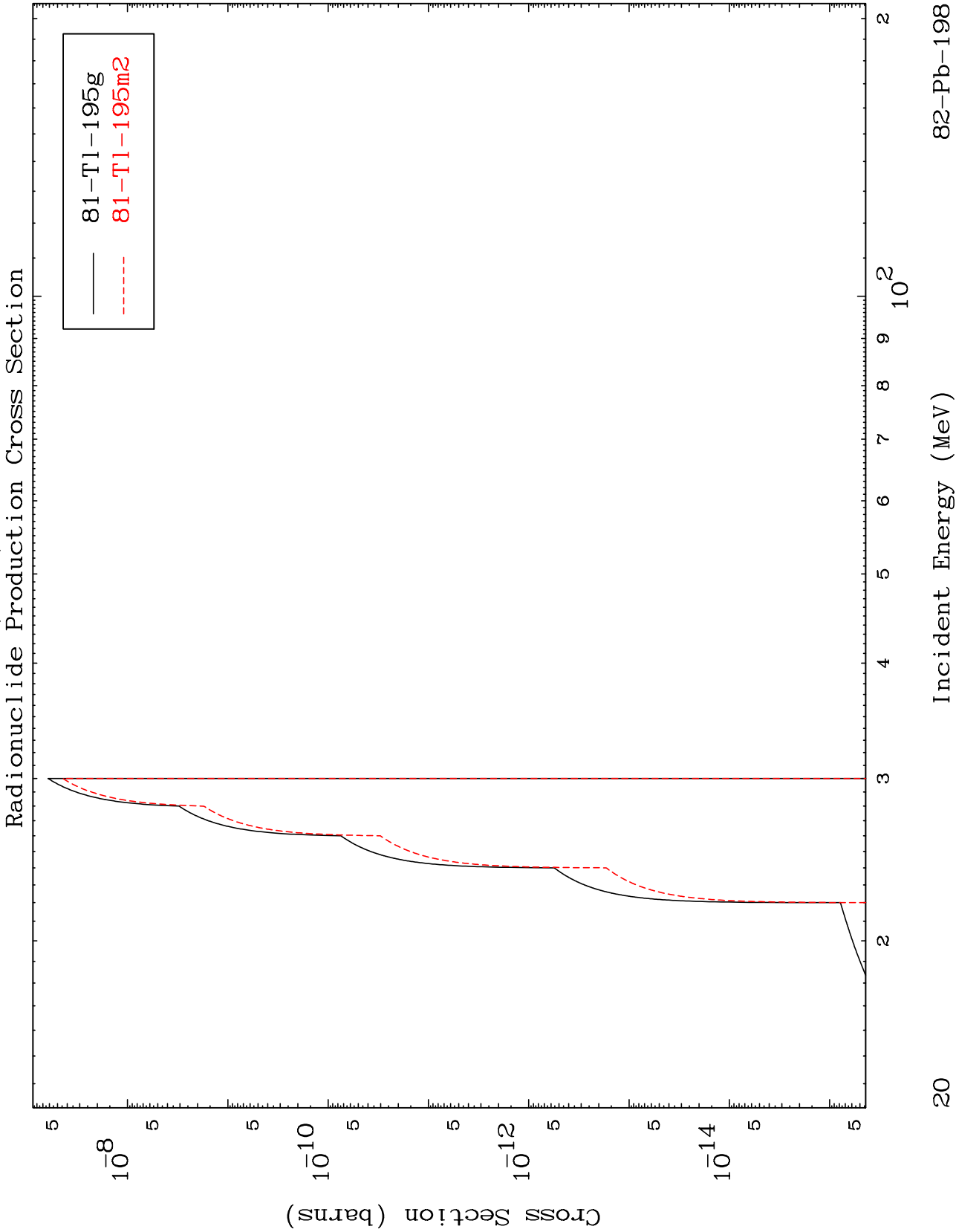
Radionuclide Production Cross Section



19

Incident Energy (MeV)

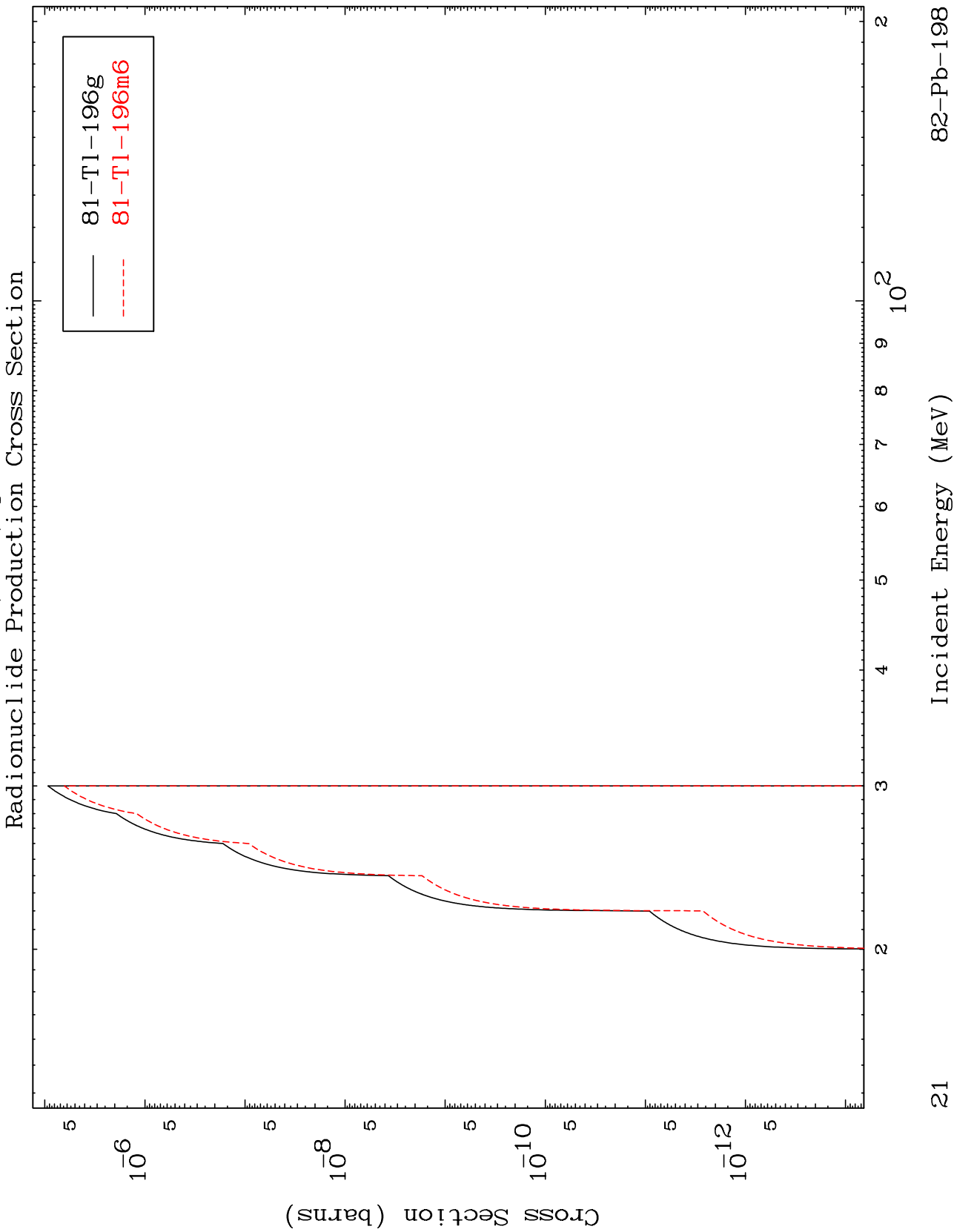
82-Pb-198



MAT 8207

(n,2n) p

82-Pb-198

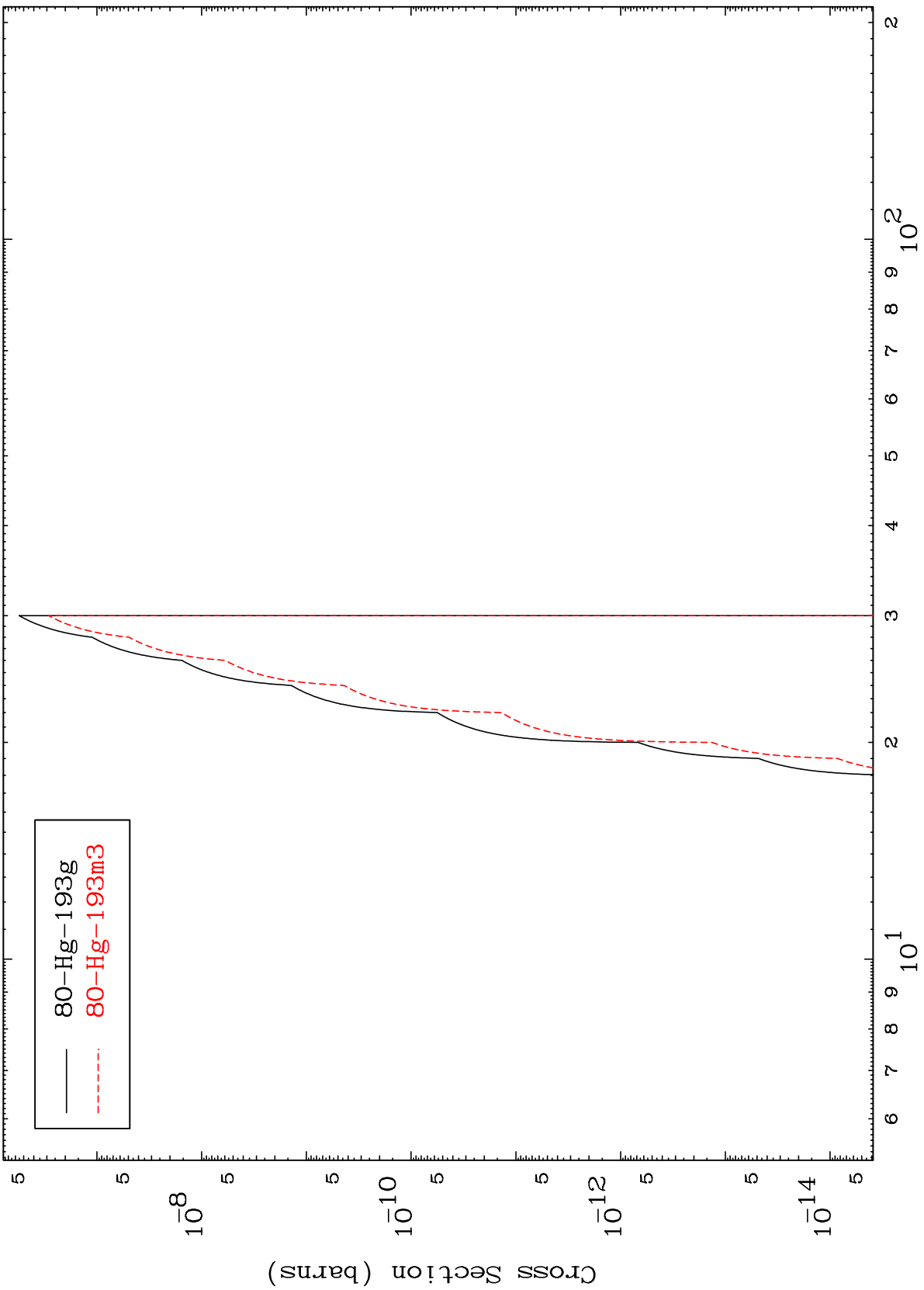


MAT 8207

(n,n') p α

82-Pb-198

Radionuclide Production Cross Section

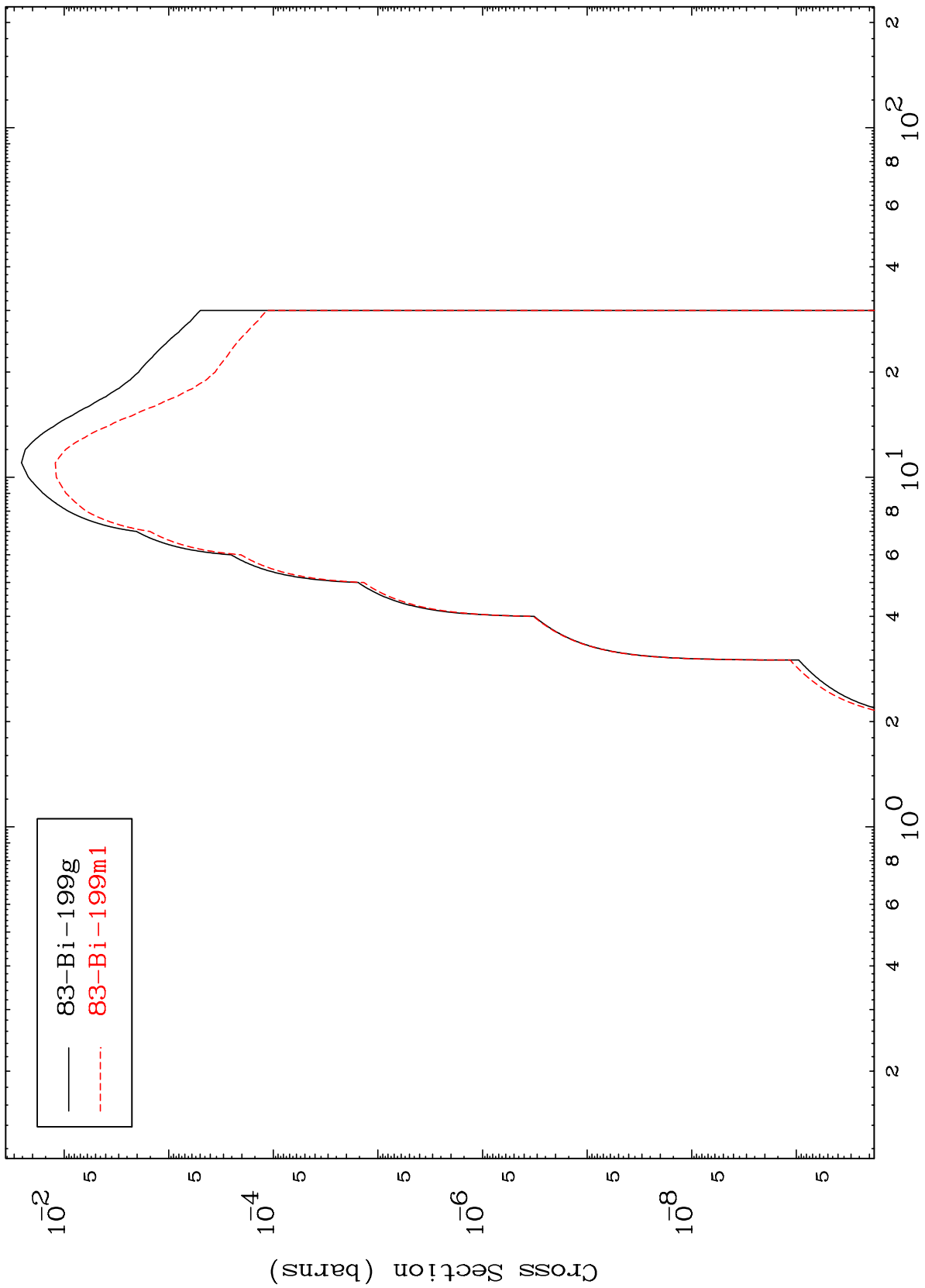


80-Hg-193g
80-Hg-193m3

MAT 8207

82-Pb-198

(n, γ)
Radionuclide Production Cross Section



— 83-Bi-199g
- - - 83-Bi-199m1

82-Pb-198

Incident Energy (MeV)

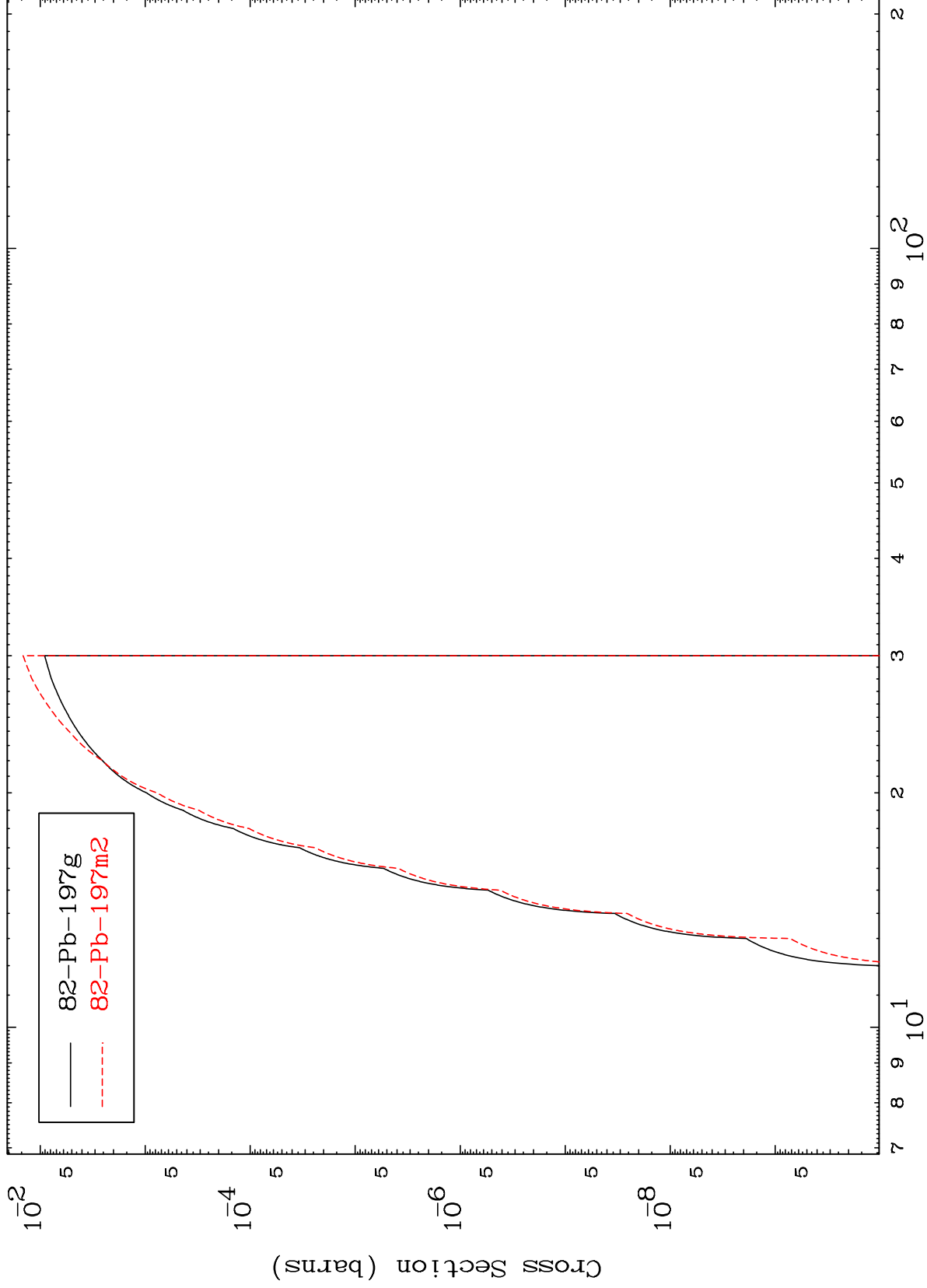
23

MAT 8207

(n,d)

82-Pb-198

Radionuclide Production Cross Section



24

Incident Energy (MeV)

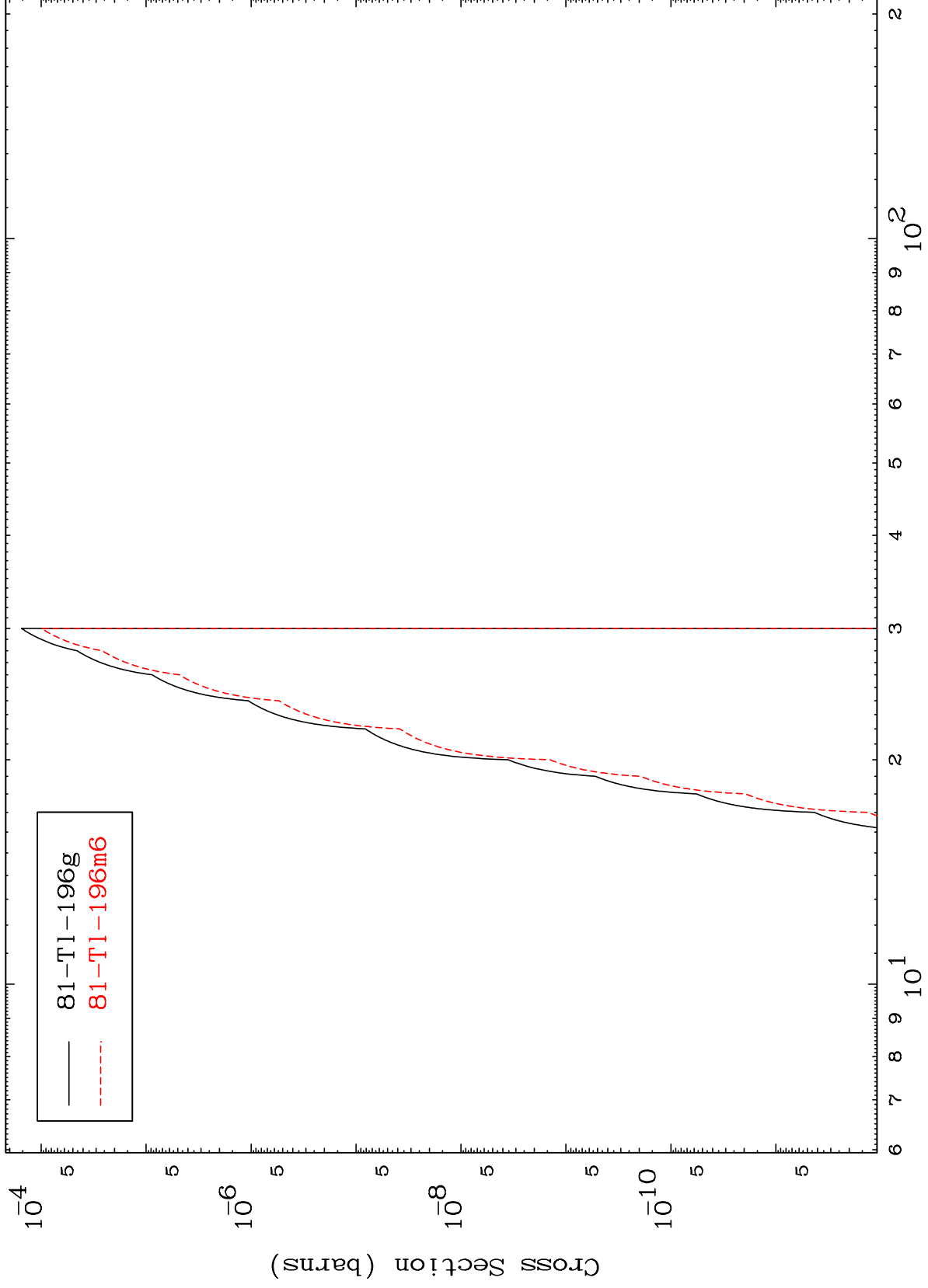
82-Pb-198

MAT 8207

(n,He-3)

82-Pb-198

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

25

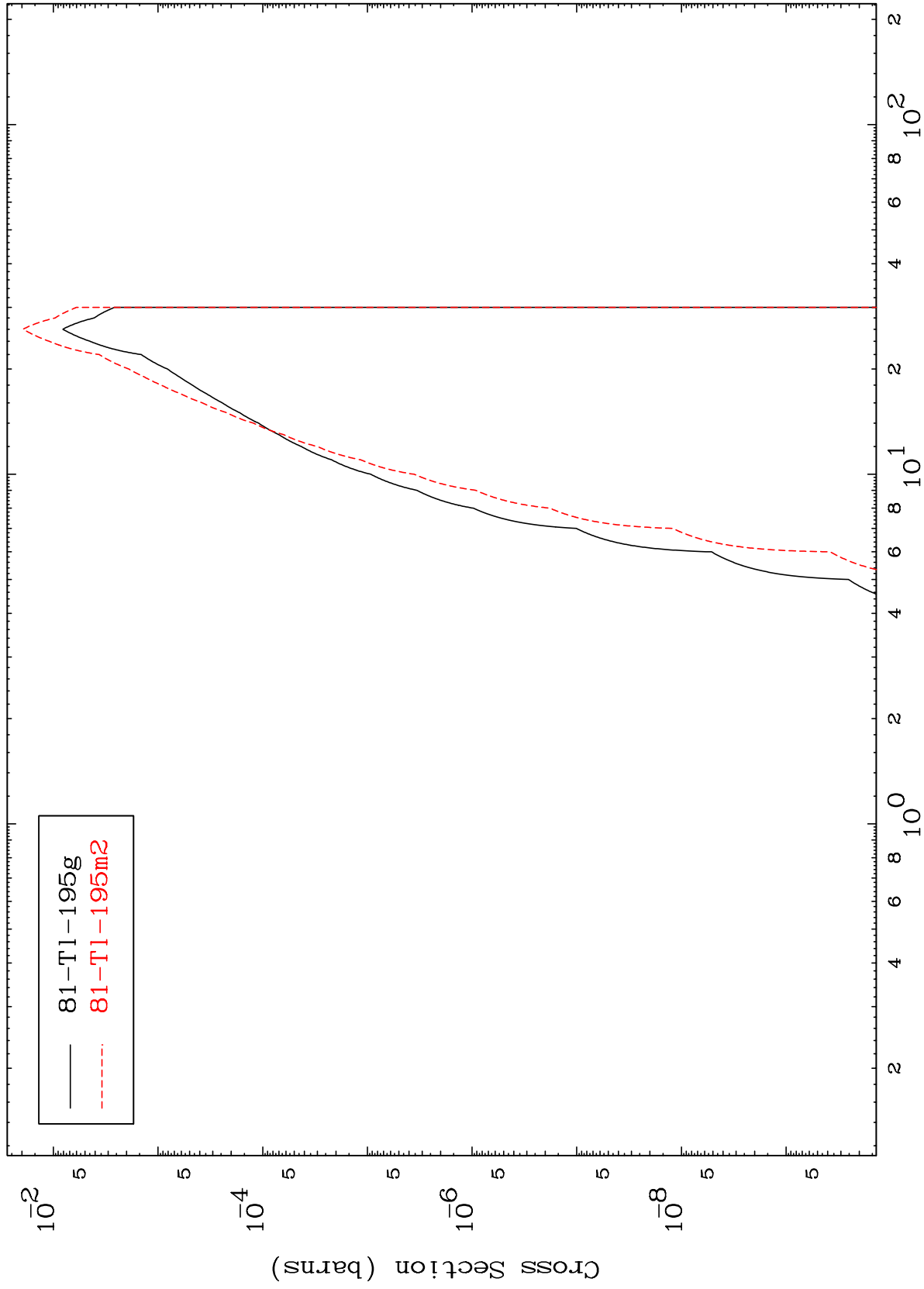
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

Radionuclide Production Cross Section
(n, α)



82-Pb-198

Incident Energy (MeV)

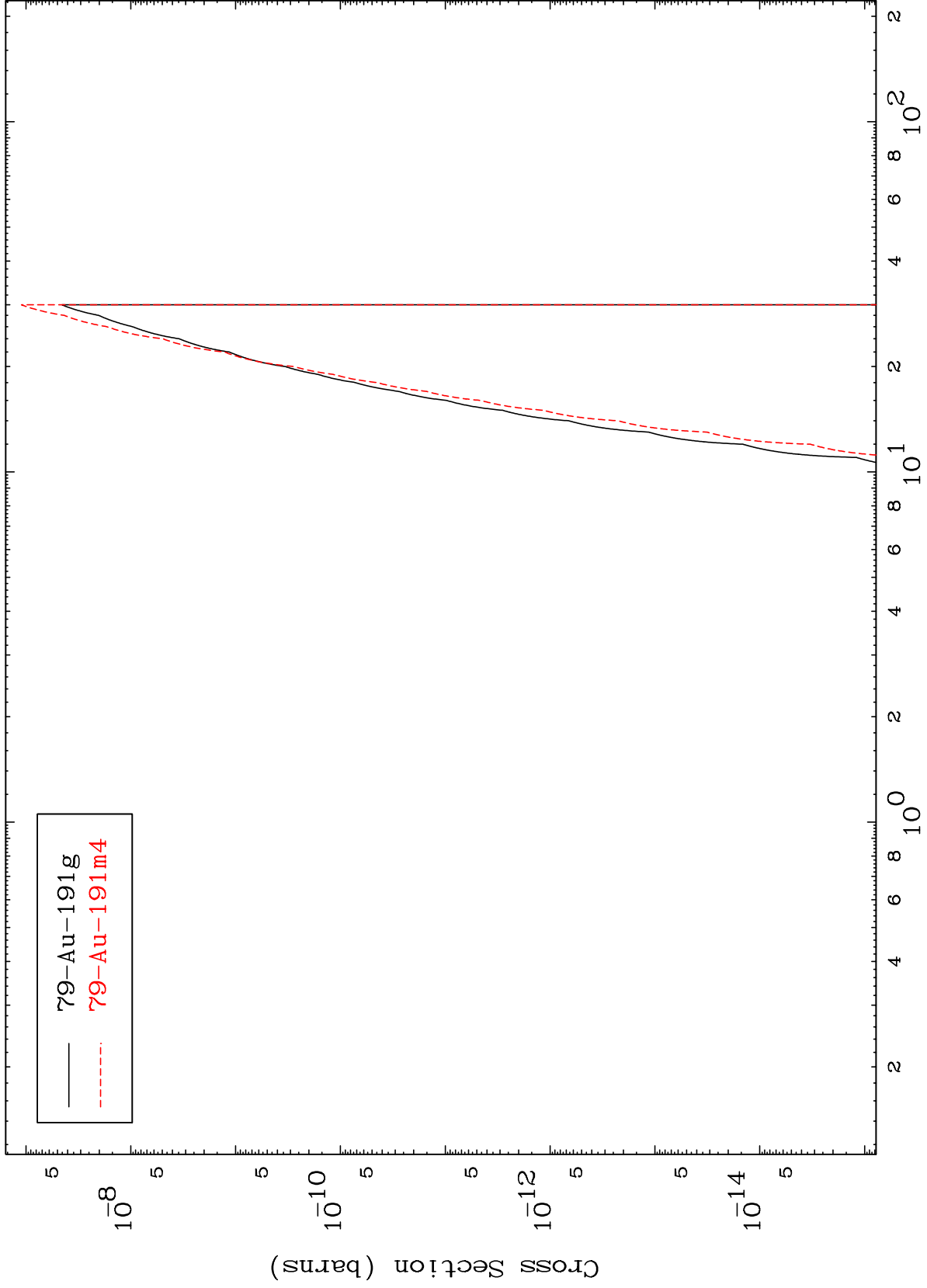
26

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(n,2α)

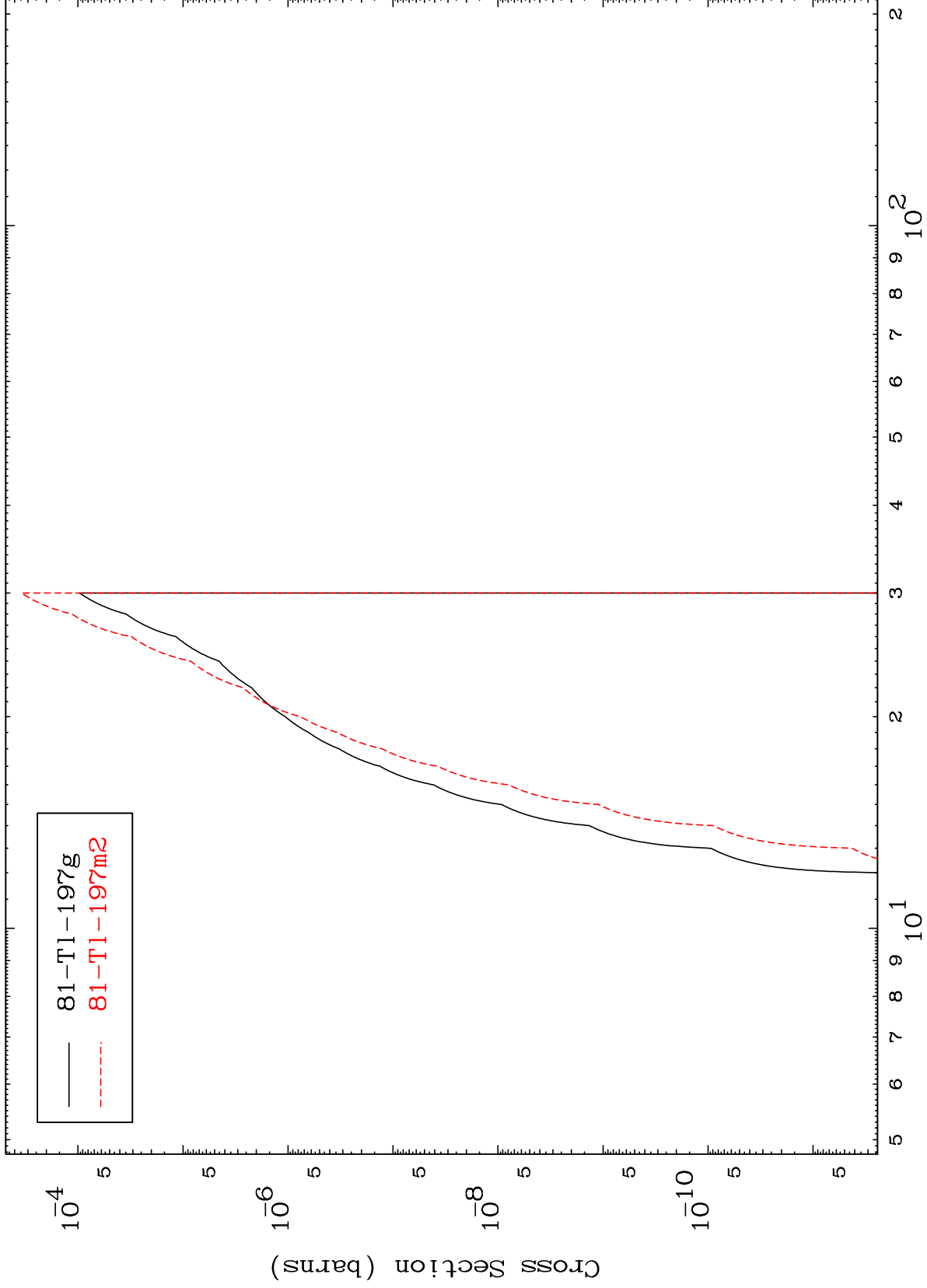
82-Pb-198

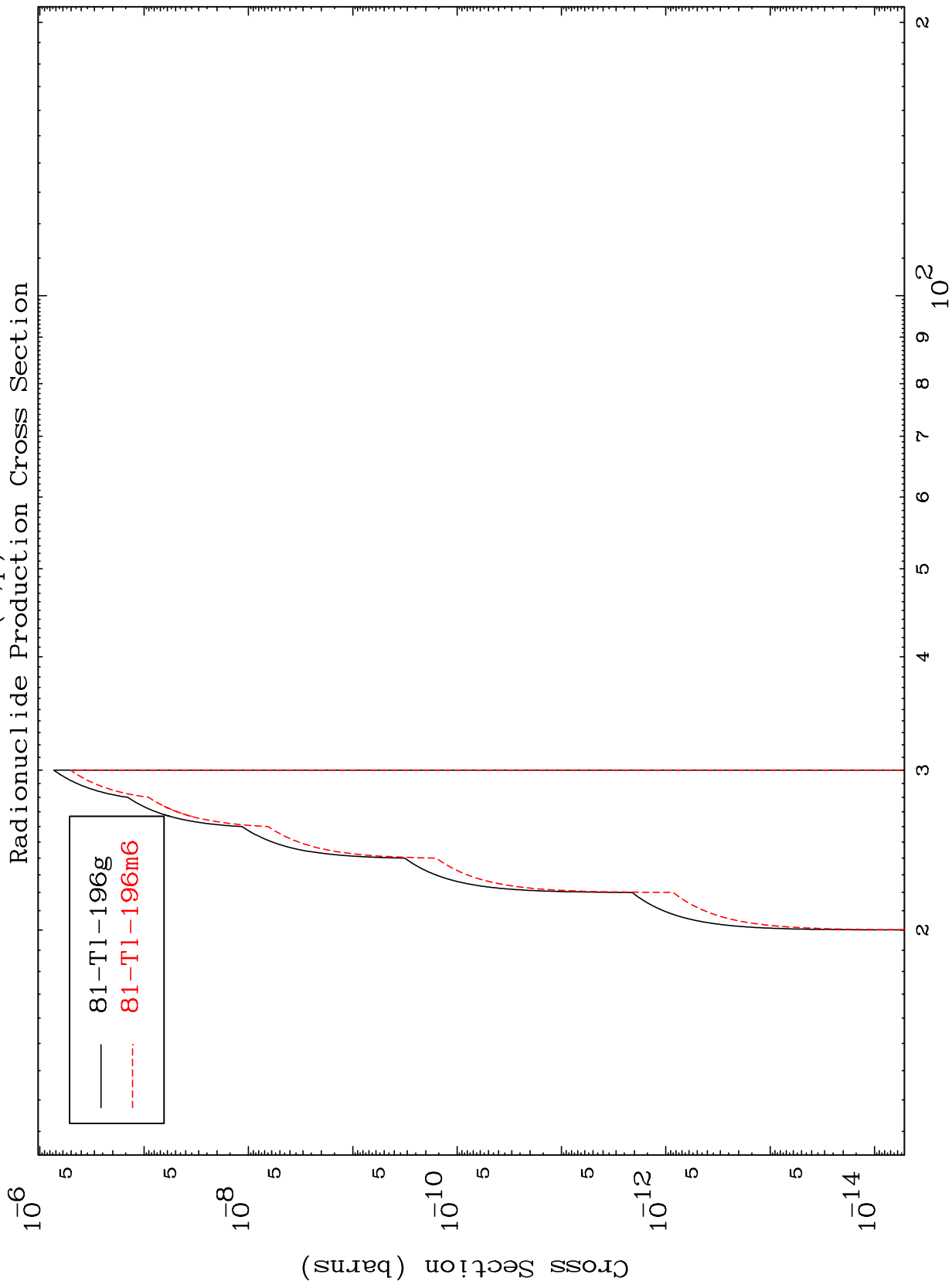
Radionuclide Production Cross Section



— 79-Au-191g
- - - 79-Au-191m4

(n,2p)
Radionuclide Production Cross Section





Radionuclide Production Cross Section

