

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

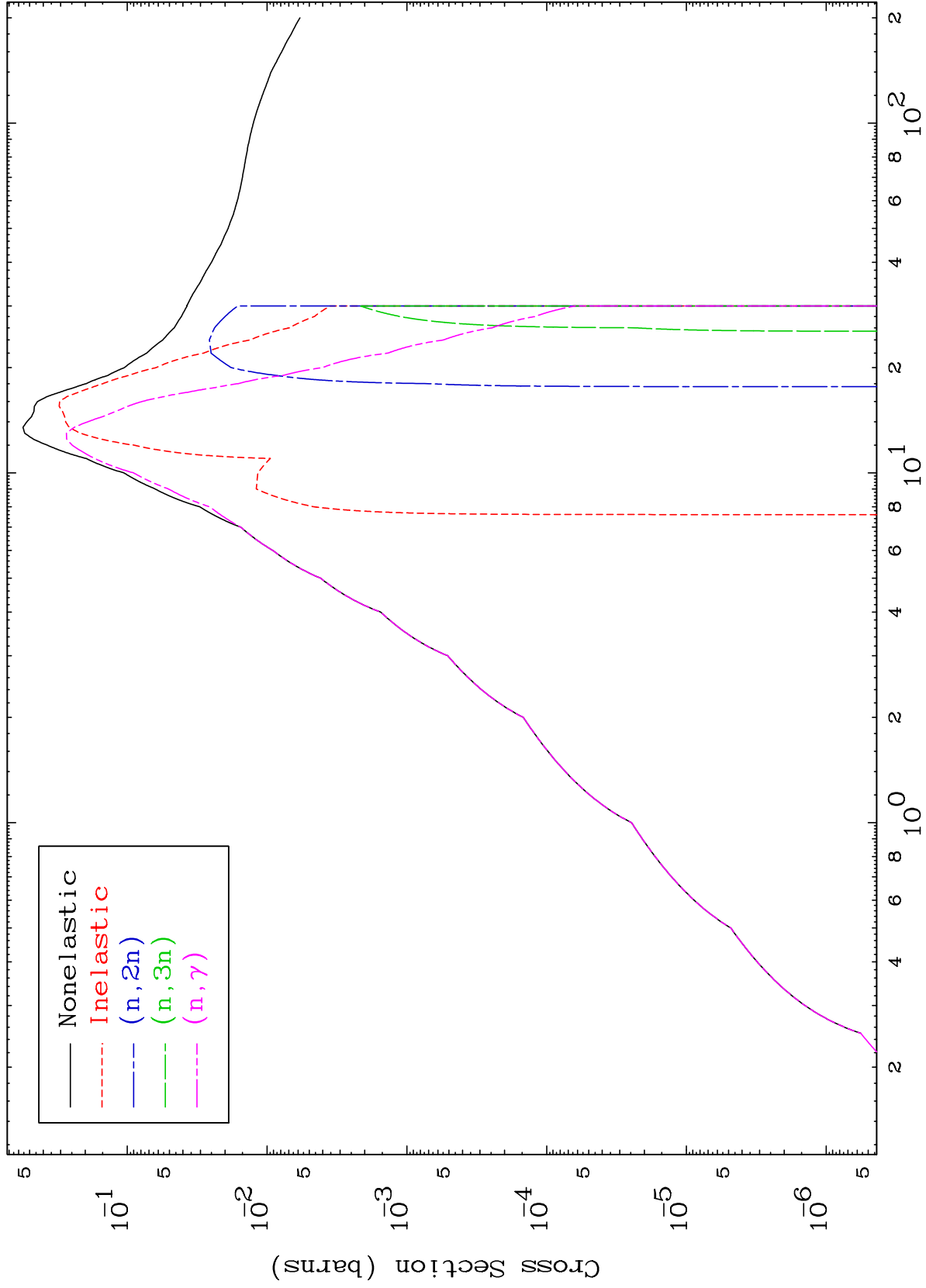
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

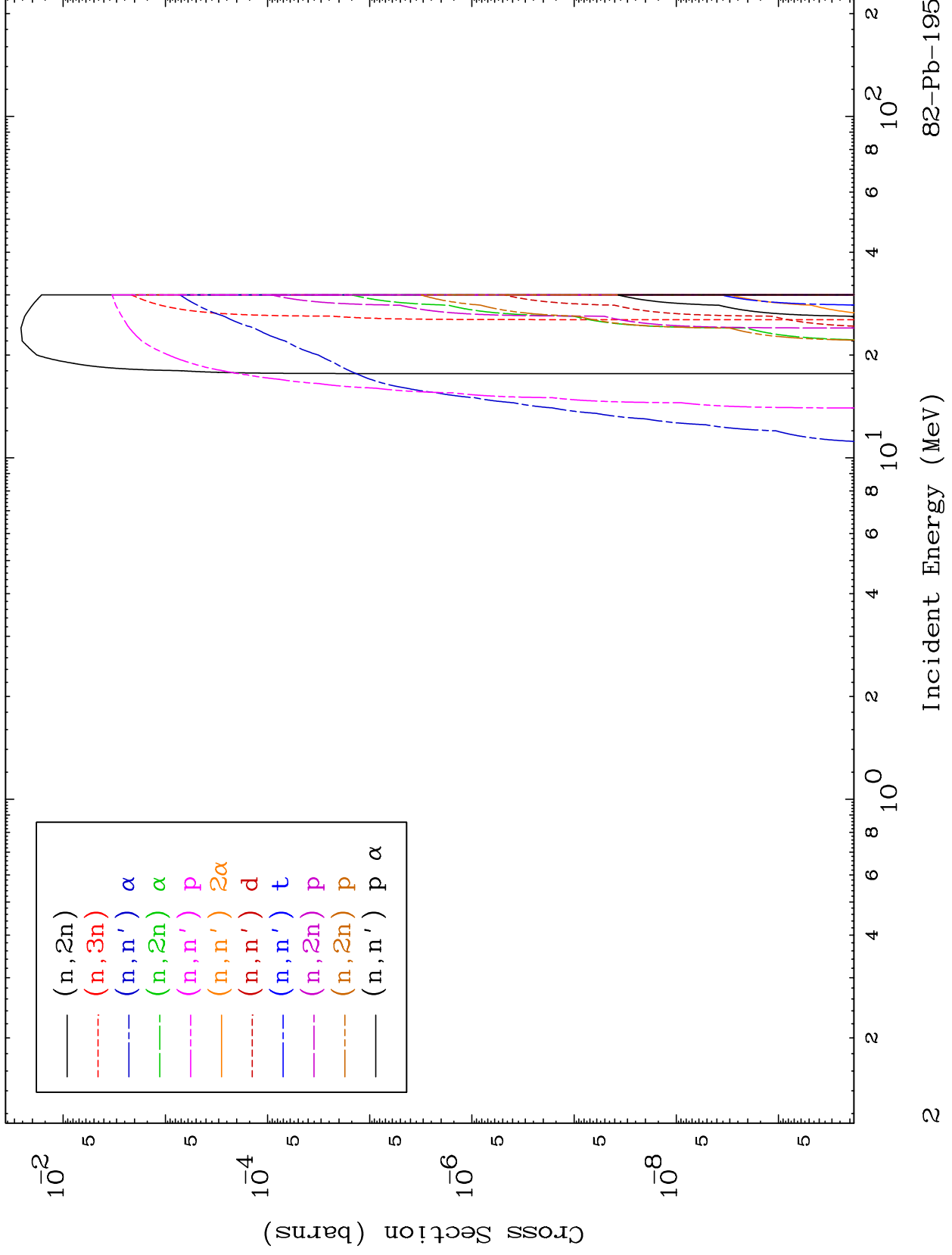
Press Mouse Button to Start

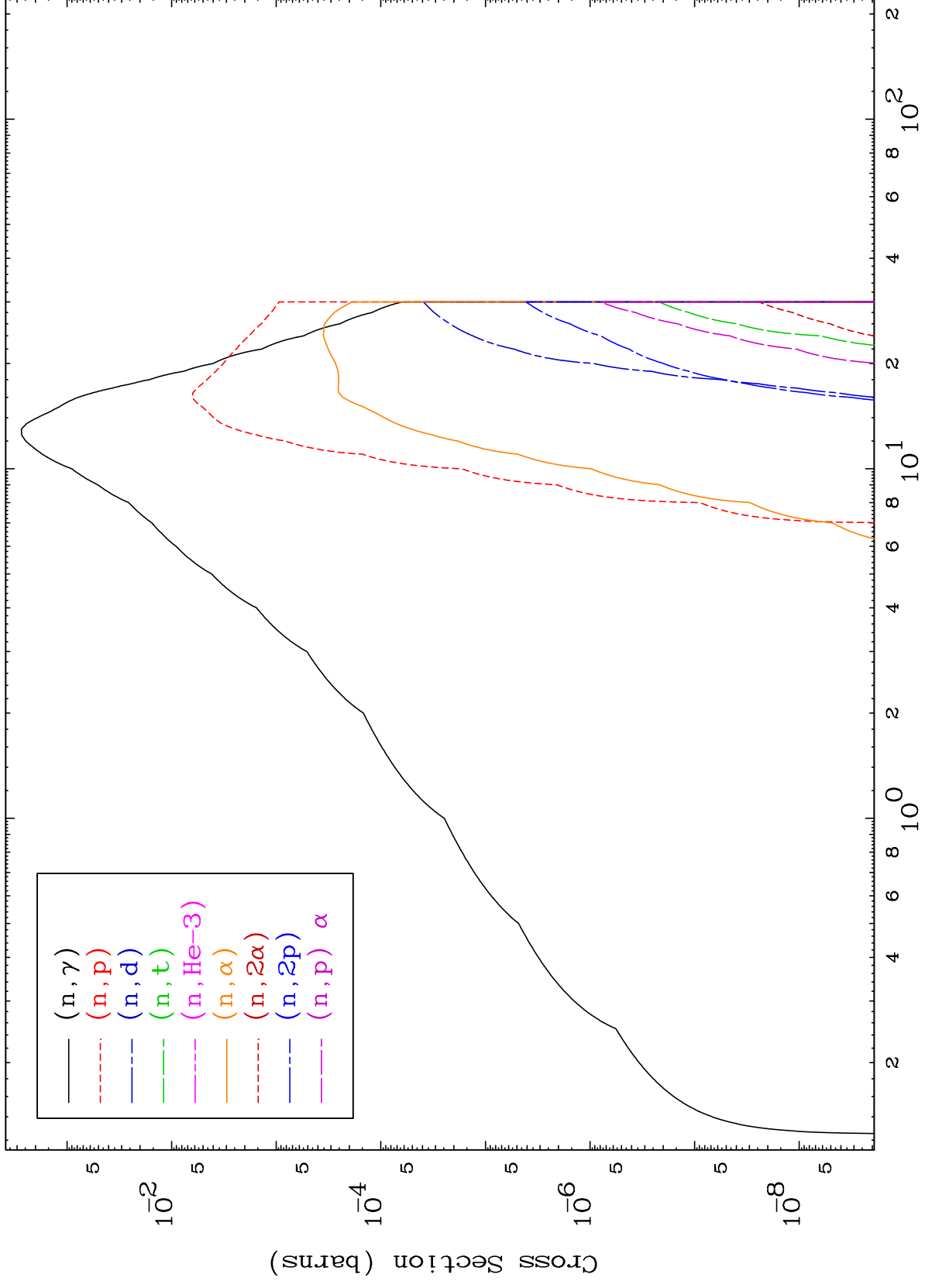


MAT 8198

Photon Neutron Absorption
0 Kelvin Cross Sections

82-Pb-195

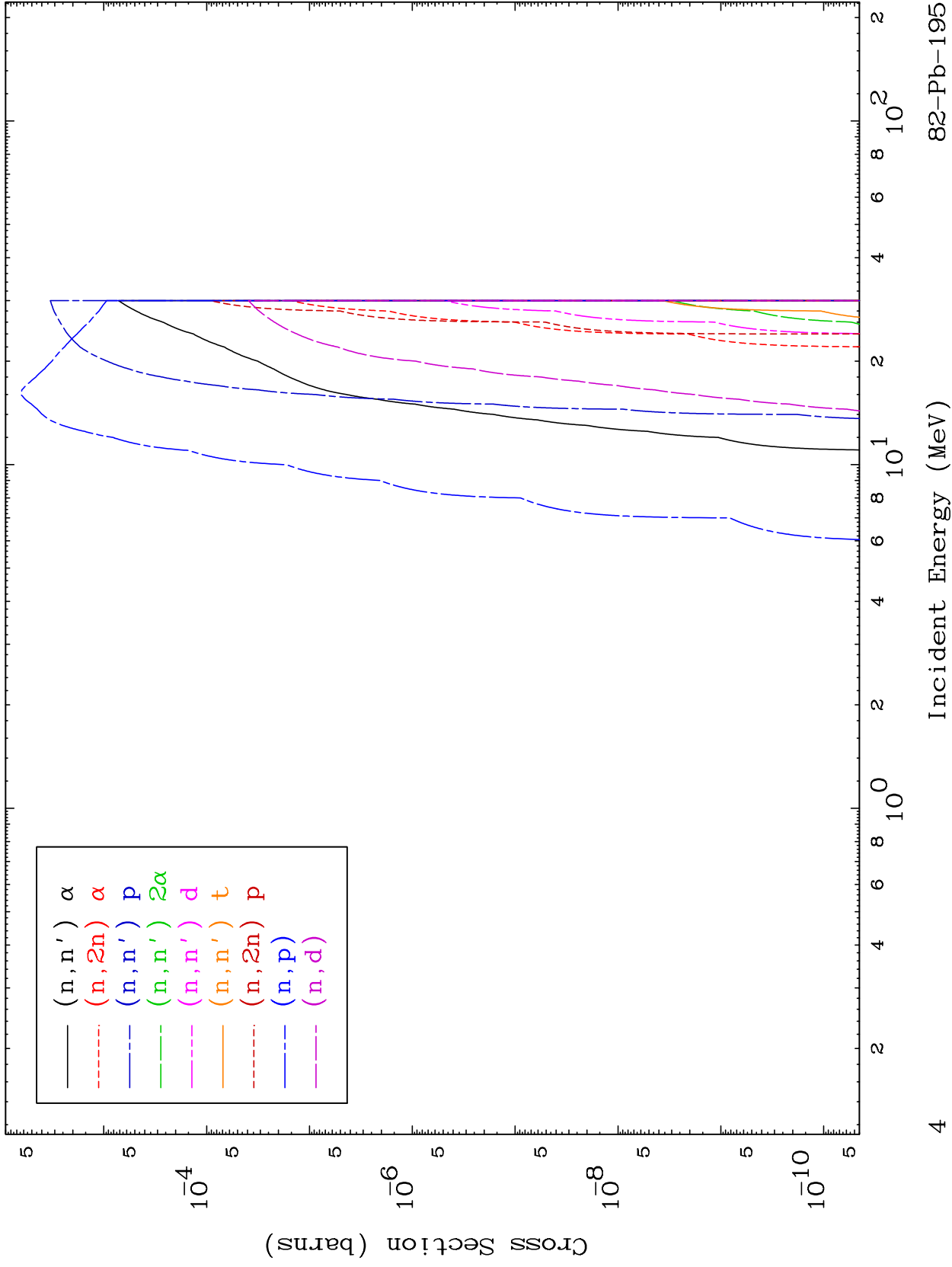




MAT 8198

Photon Charged Particle
0 Kelvin Cross Sections

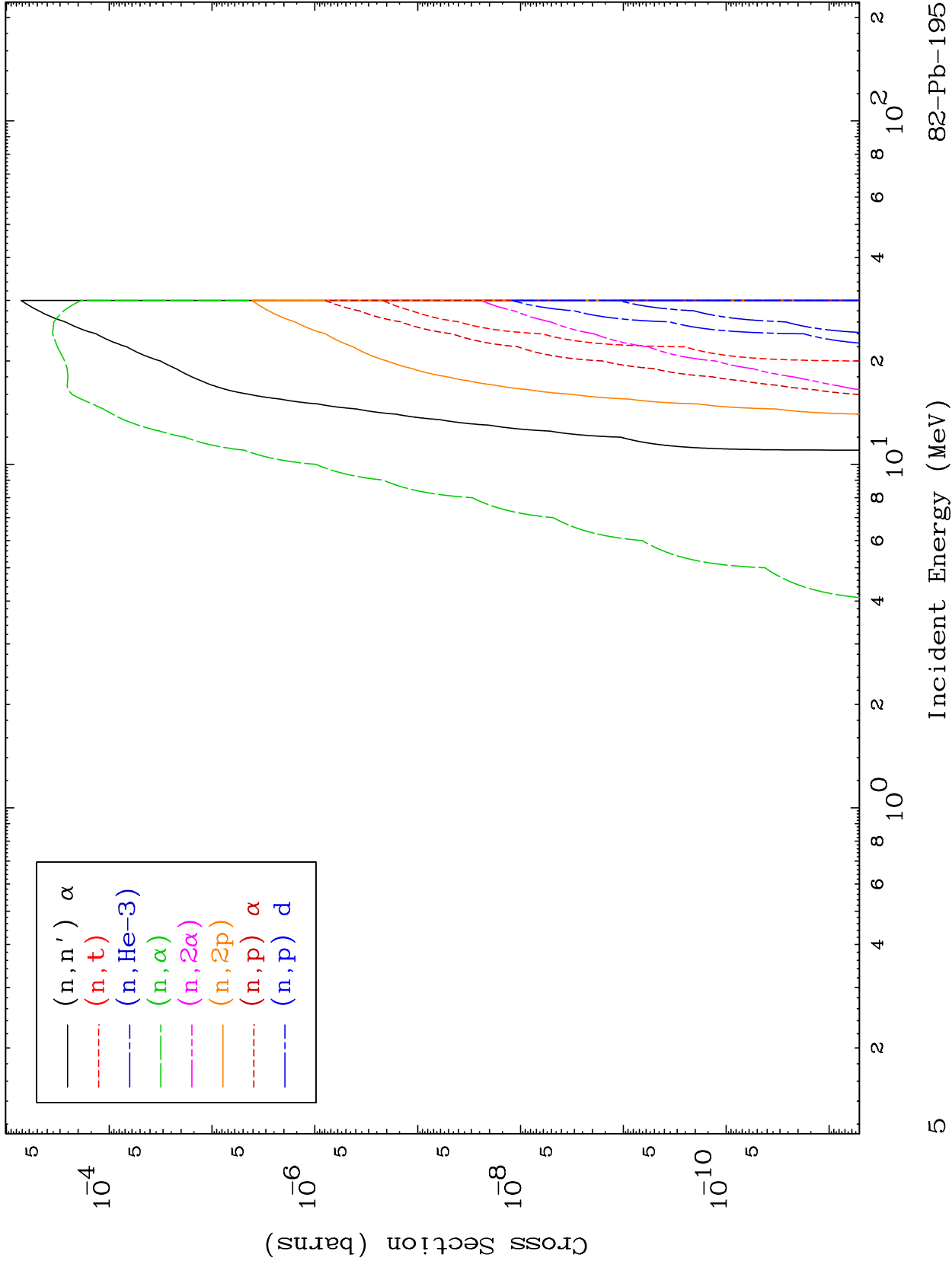
82-Pb-195



MAT 8198

Photon Charged Particle
0 Kelvin Cross Sections

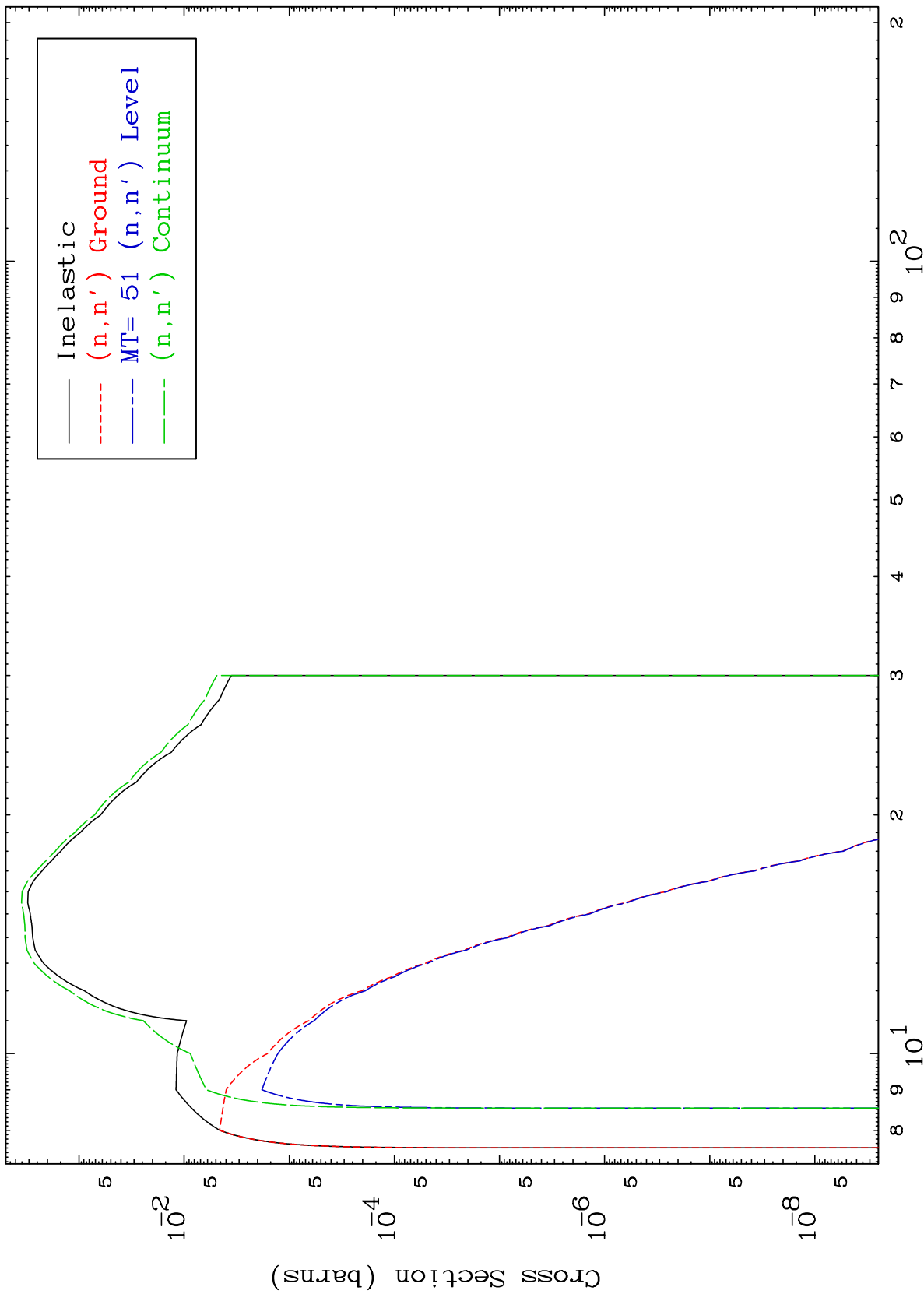
82-Pb-195



MAT 8198

82-Pb-195

(γ, n') Levels
0 Kelvin Cross Sections



82-Pb-195

Incident Energy (MeV)

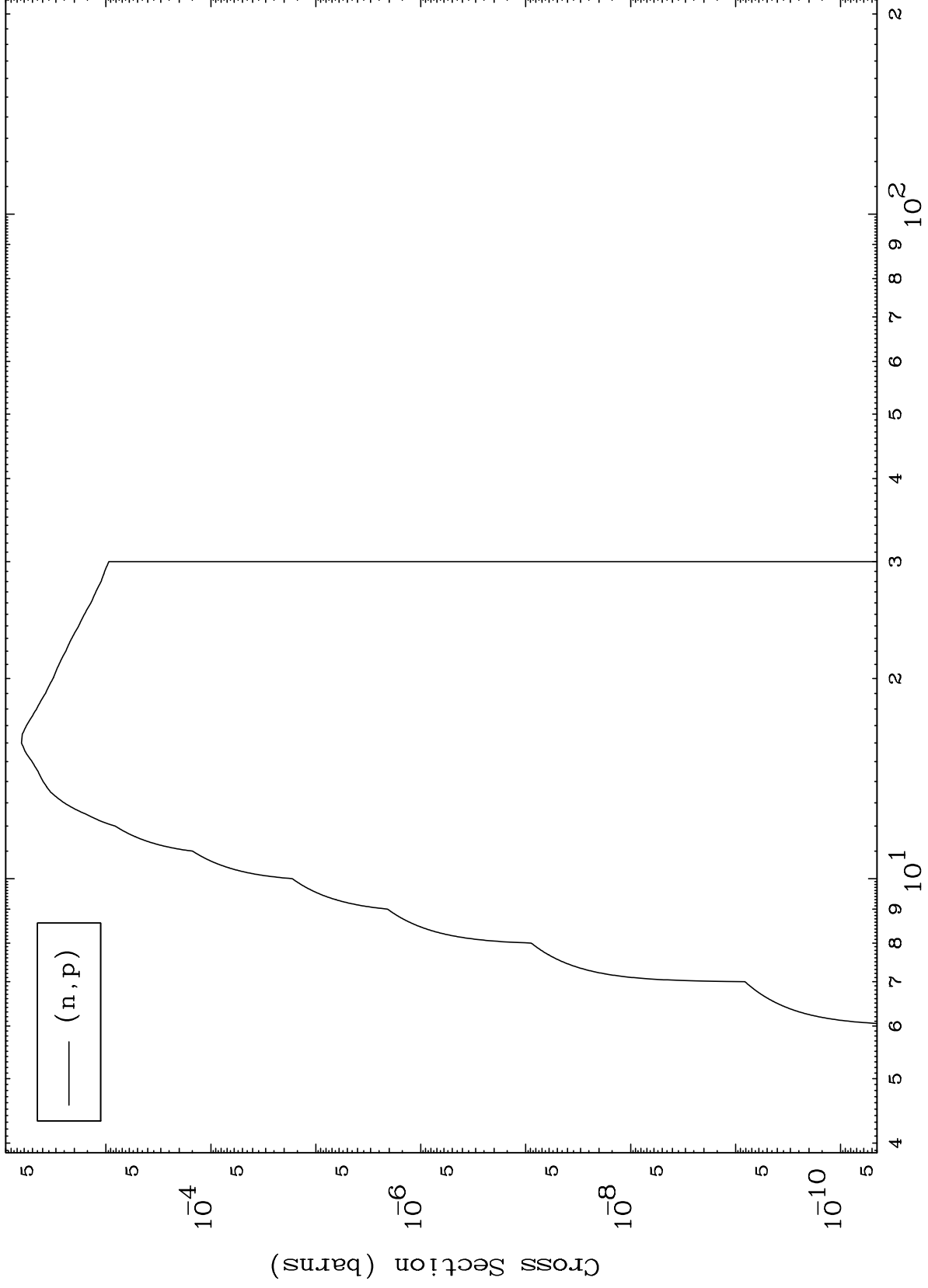
6

MAT 8198

(γ, p) Levels

82-Pb-195

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

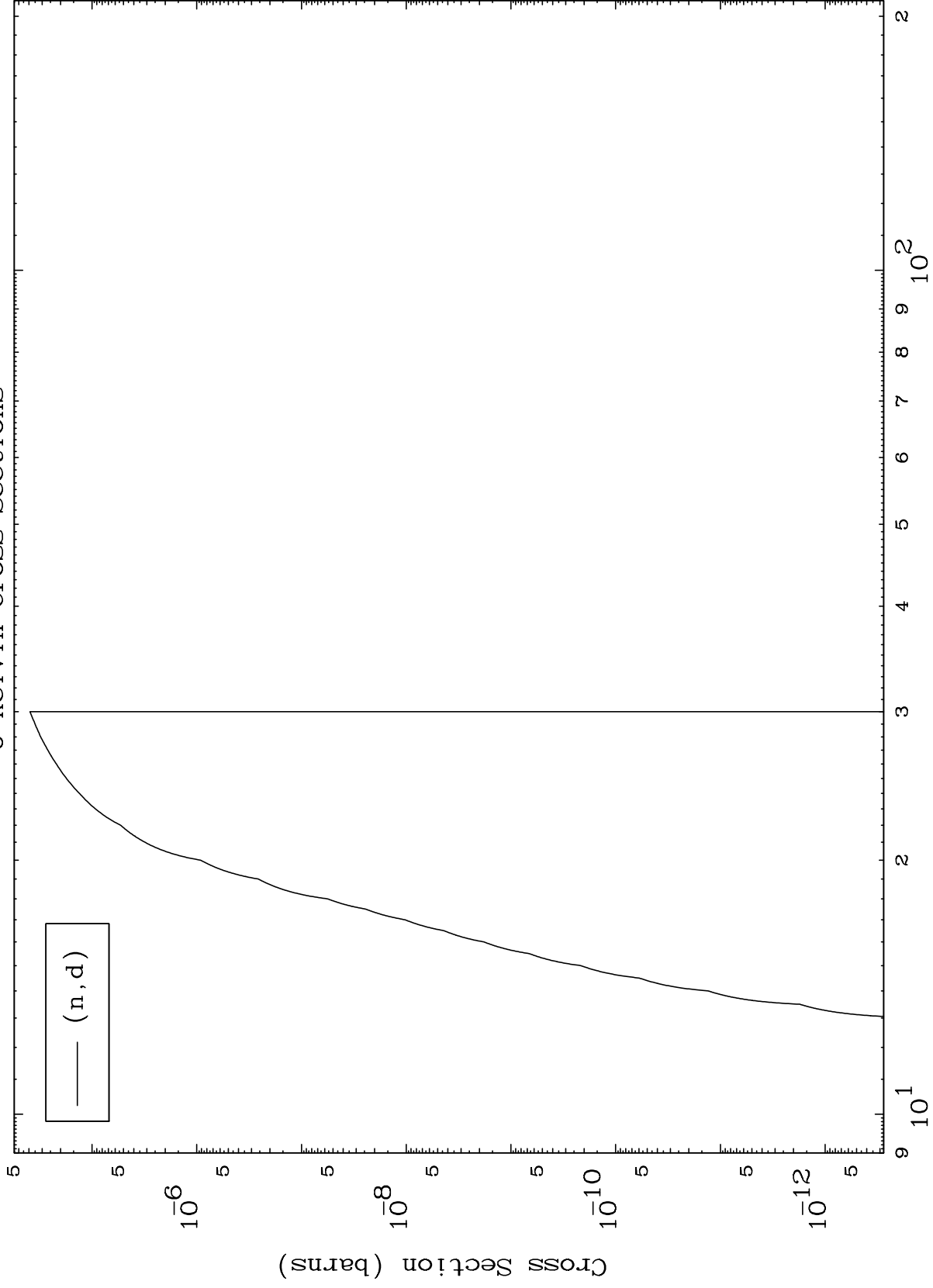
82-Pb-195

7

MAT 8198

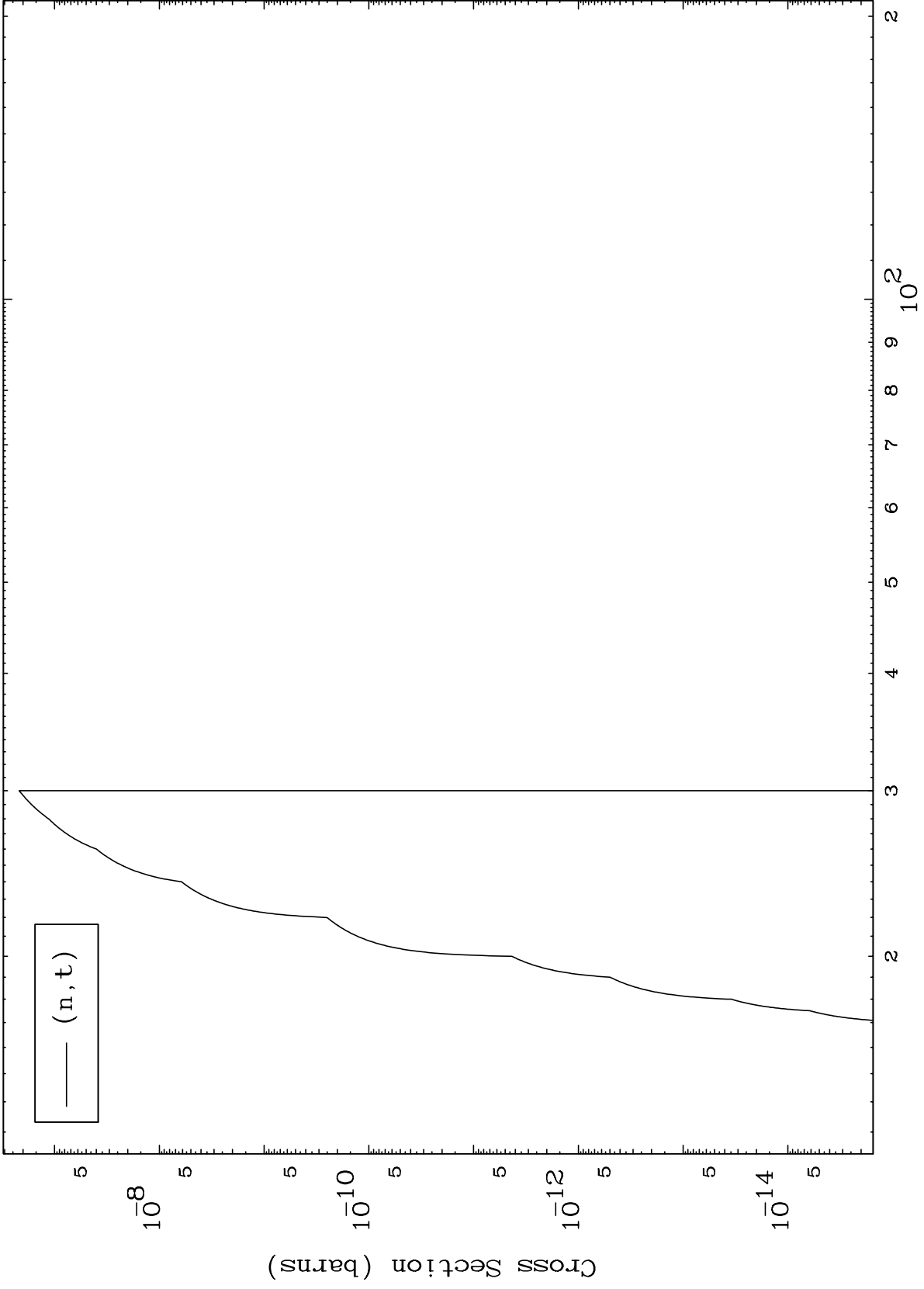
(γ, d) Levels
0 Kelvin Cross Sections

82-Pb-195



Incident Energy (MeV)

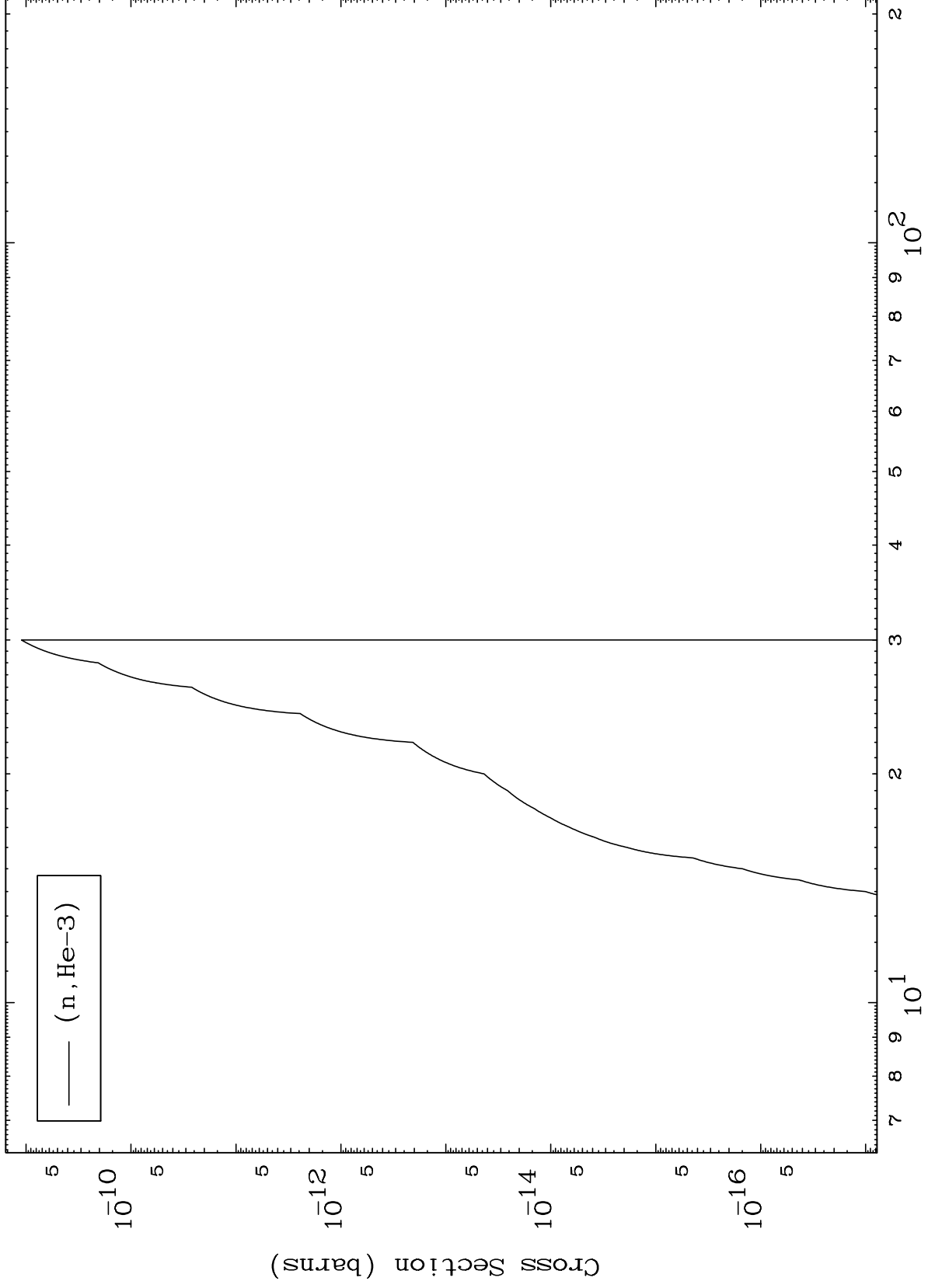
82-Pb-195



MAT 8198

82-Pb-195

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



10

Incident Energy (MeV)

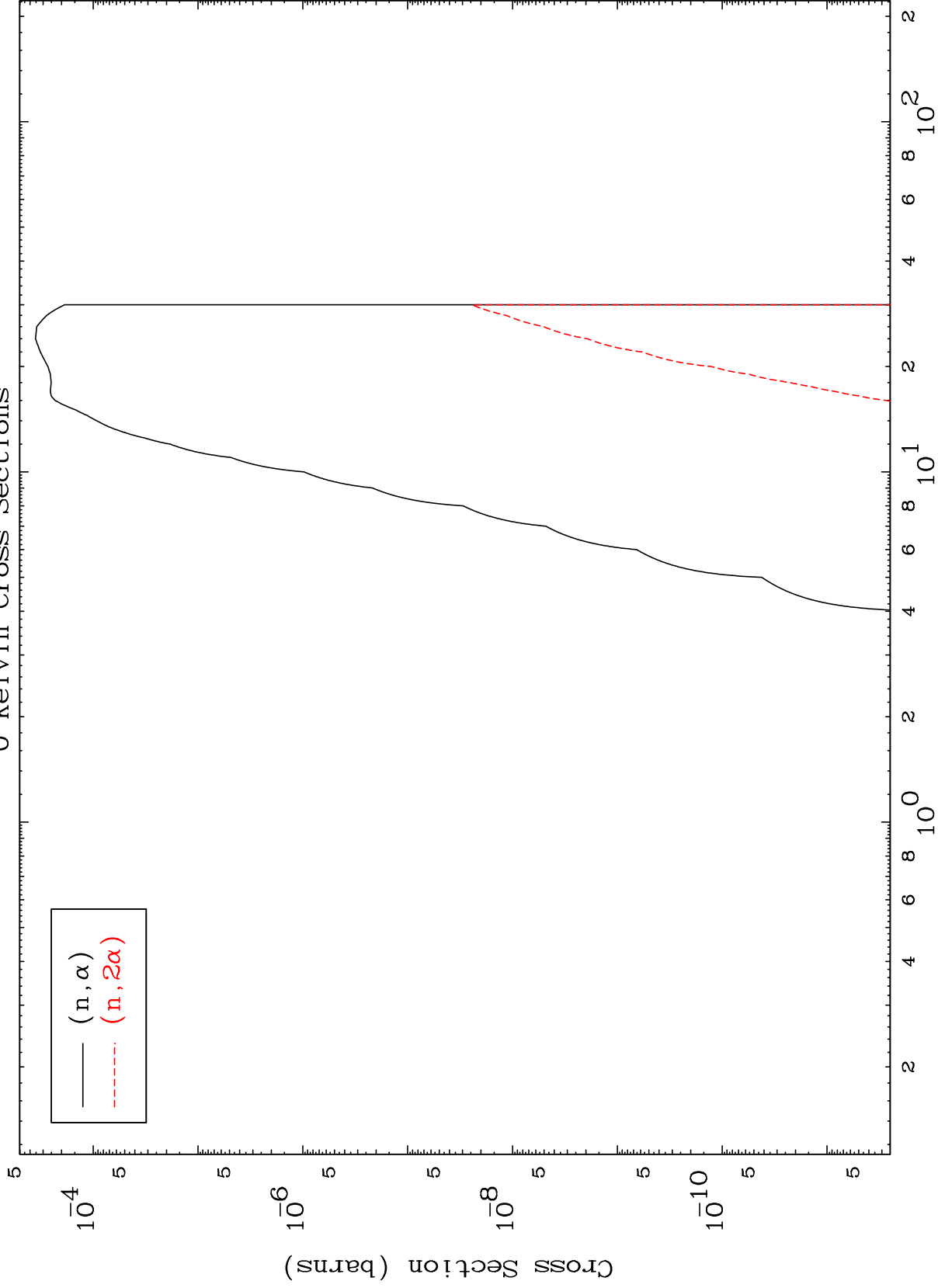
82-Pb-195

MAT 8198

(γ, α) Levels

82-Pb-195

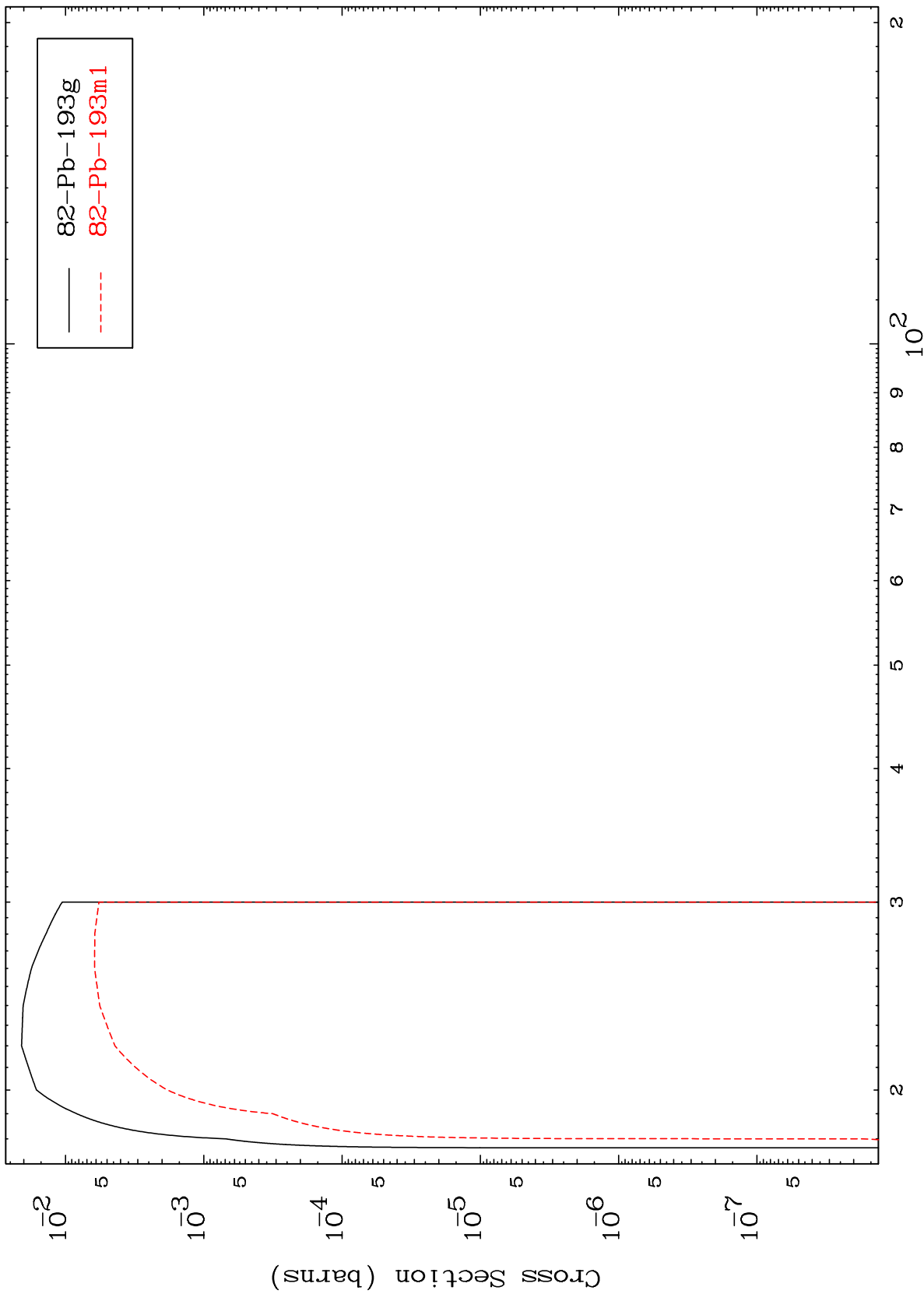
0 Kelvin Cross Sections



MAT 8198

82-Pb-195

(n,2n)
Radionuclide Production Cross Section



12

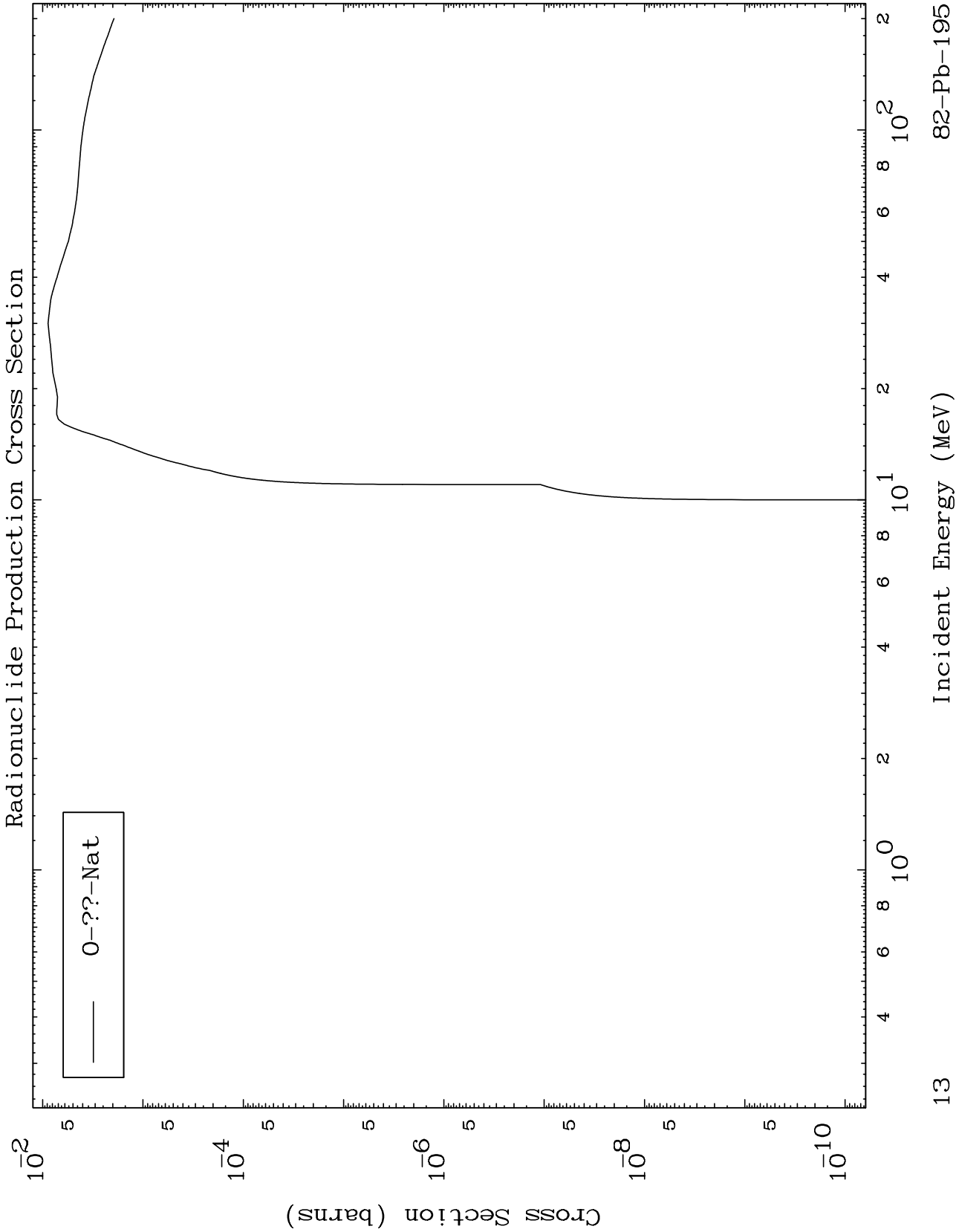
Incident Energy (MeV)

82-Pb-195

MAT 8198

Fission

82-Pb-195

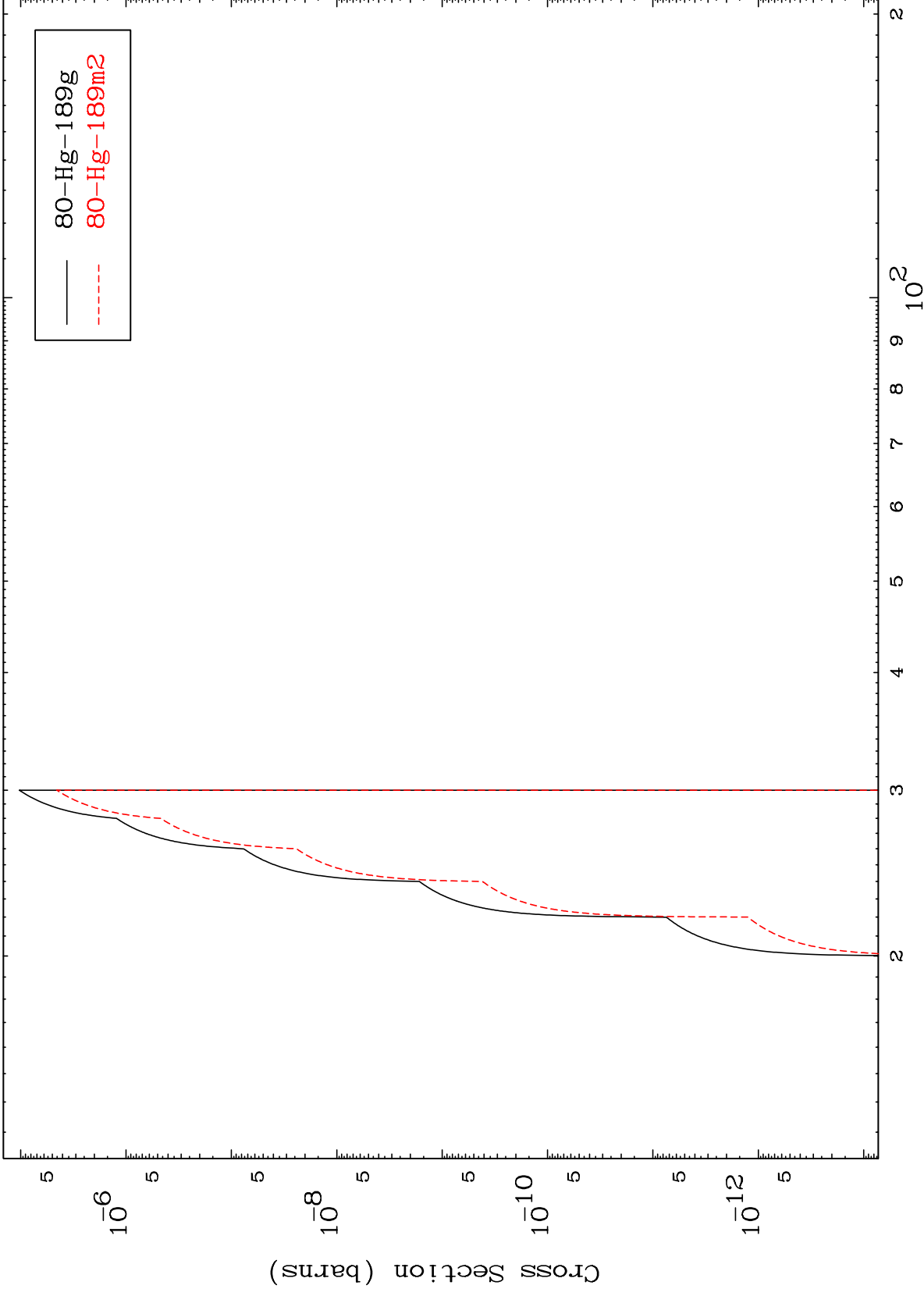


MAT 8198

$(n,2n) \alpha$

82-Pb-195

Radionuclide Production Cross Section



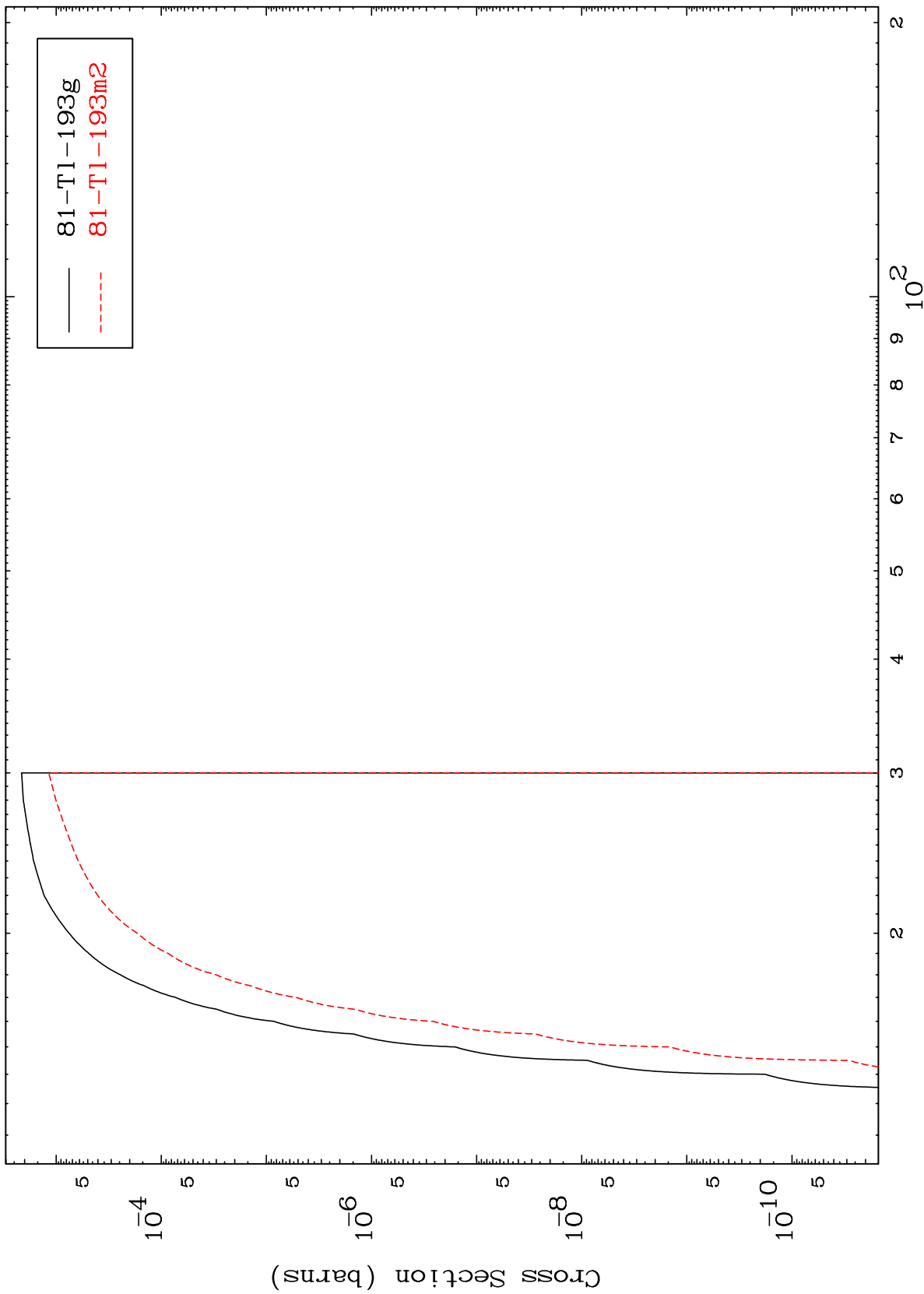
80-Hg-189g
80-Hg-189m2

14

Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

MAT 8198

(n,n') d

82-Pb-195

Radionuclide Production Cross Section



16

Incident Energy (MeV)

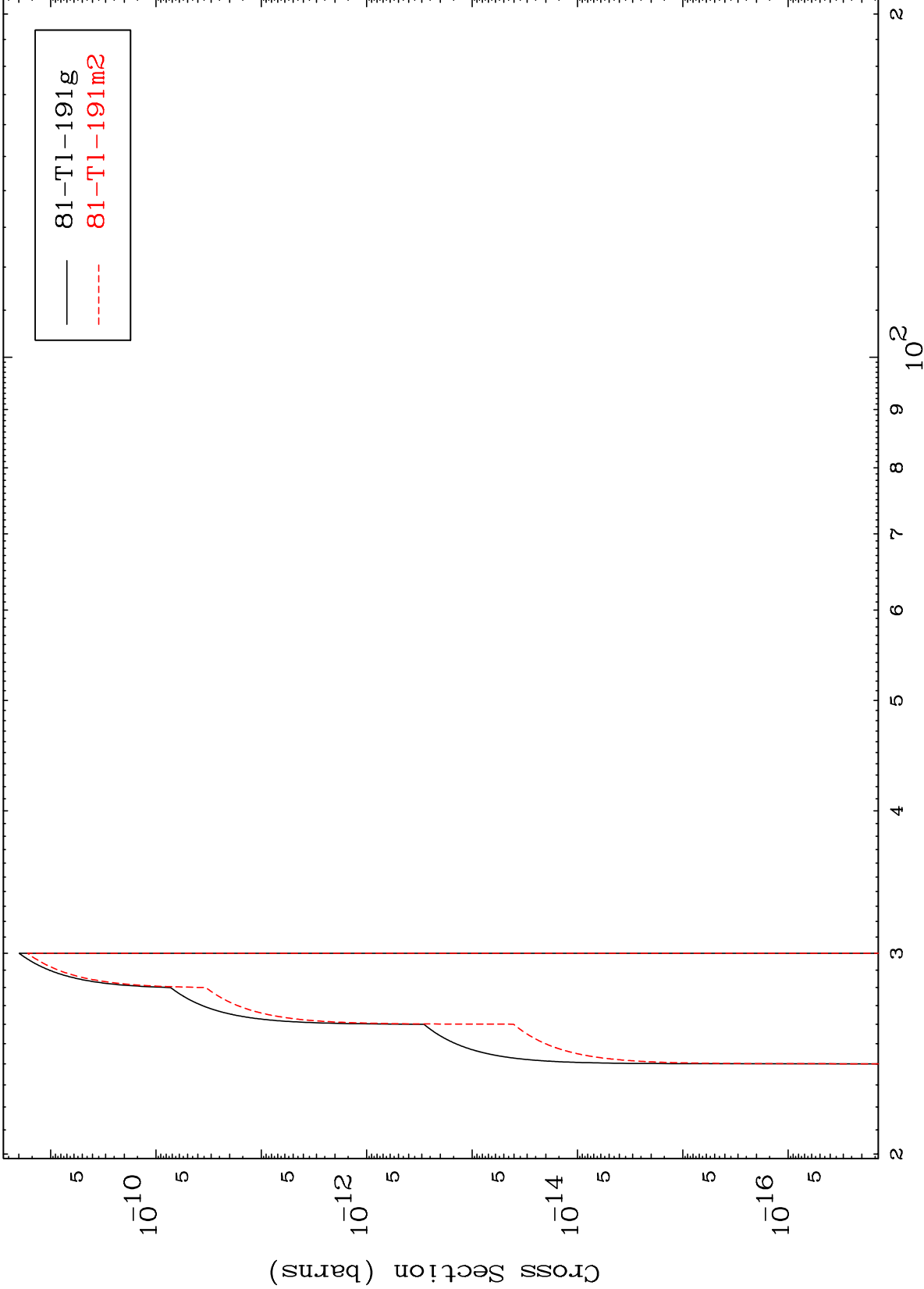
82-Pb-195

MAT 8198

(n,n') t

82-Pb-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

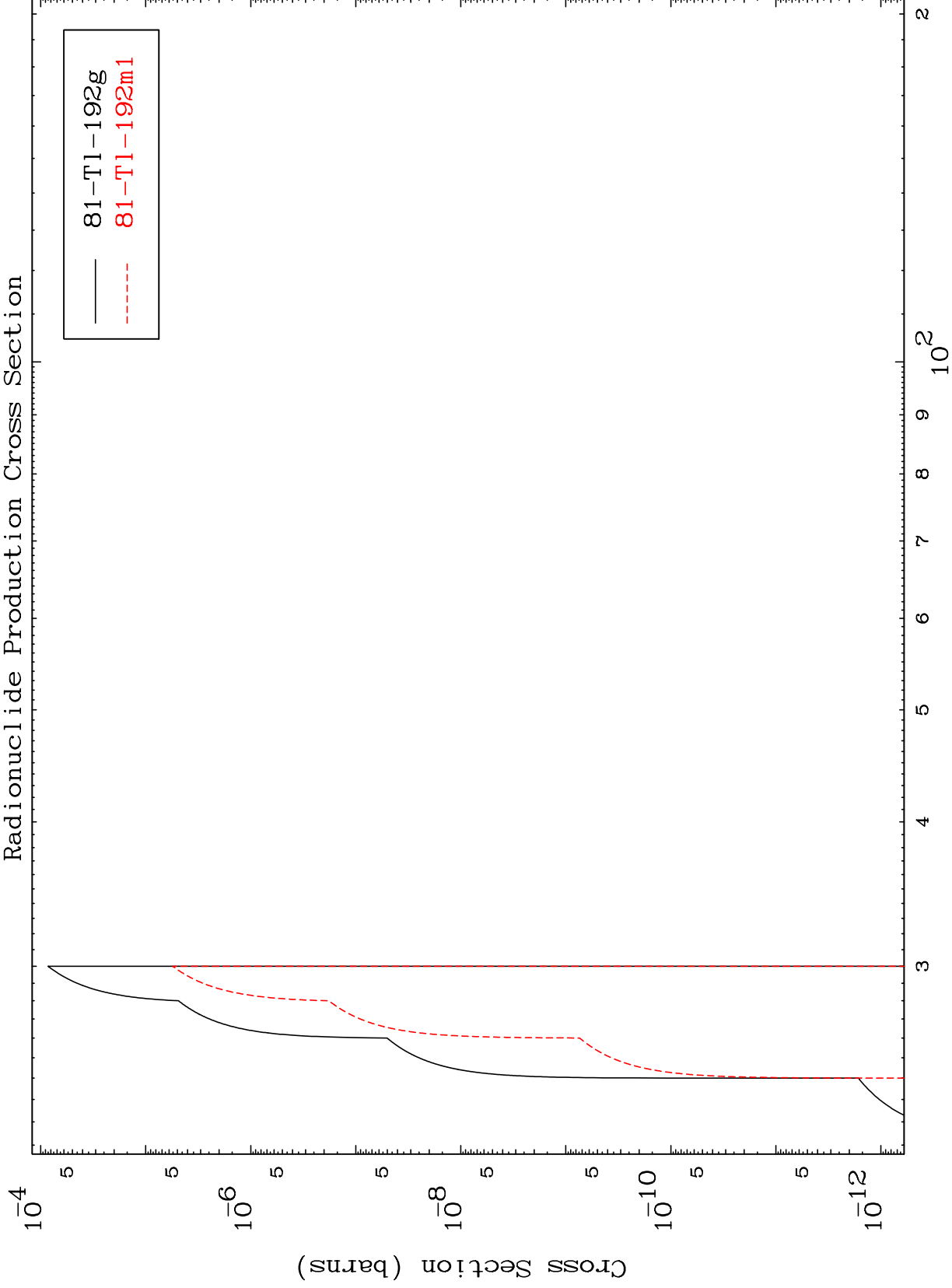
82-Pb-195

MAT 8198

(n,2n) p

82-Pb-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

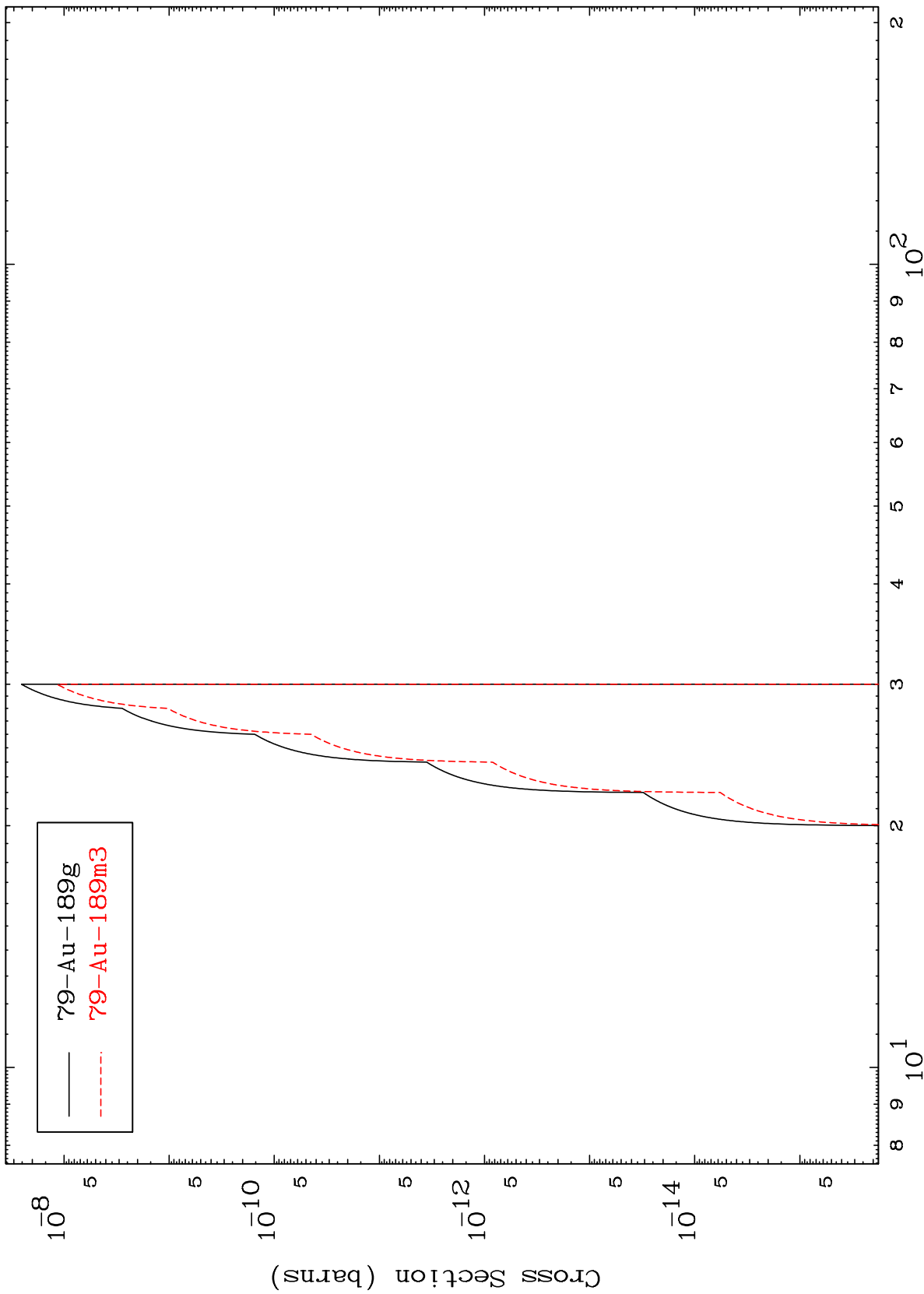
82-Pb-195

MAT 8198

(n,n') p α

82-Pb-195

Radionuclide Production Cross Section



19

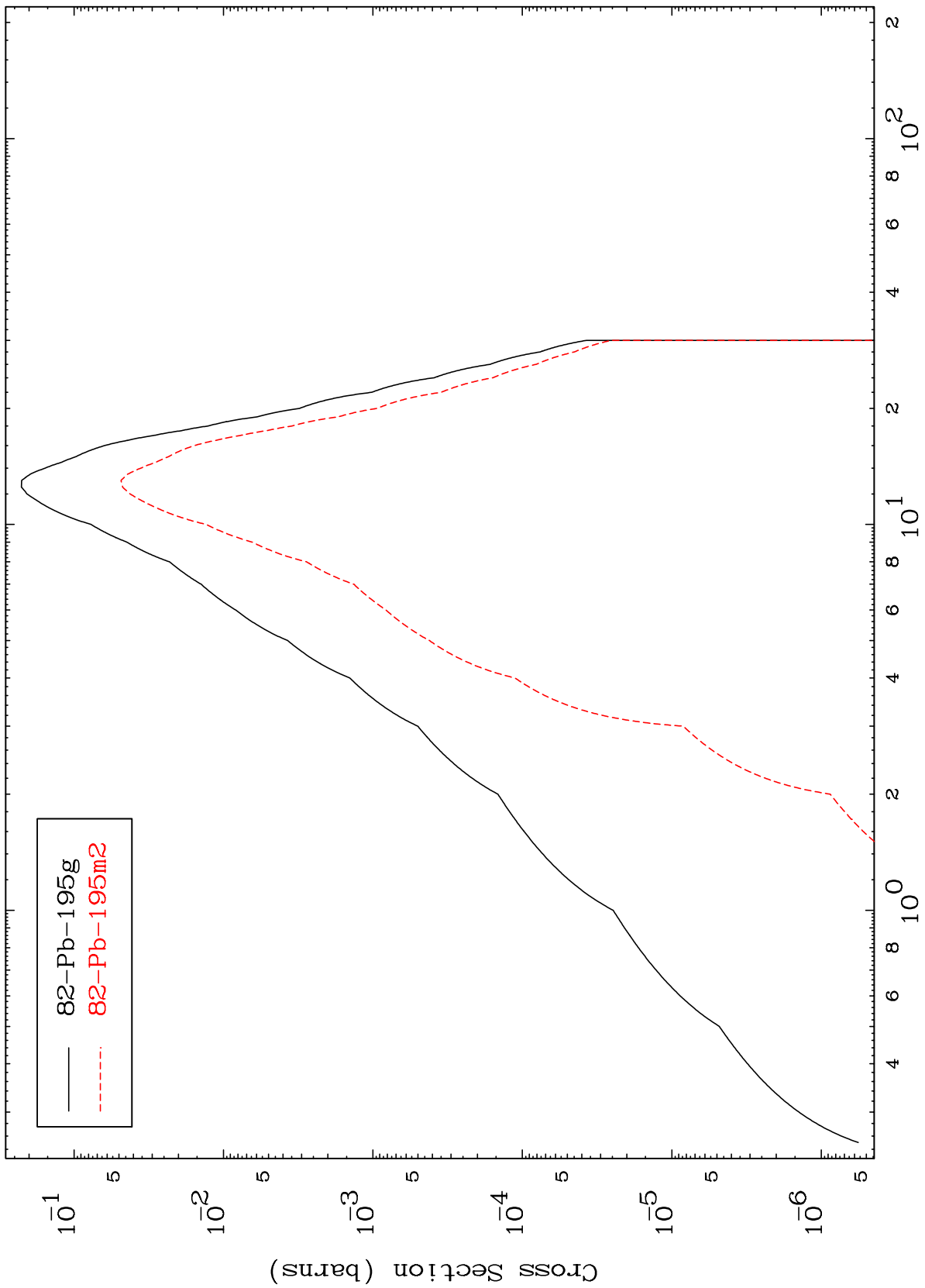
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n, γ)
Radionuclide Production Cross Section

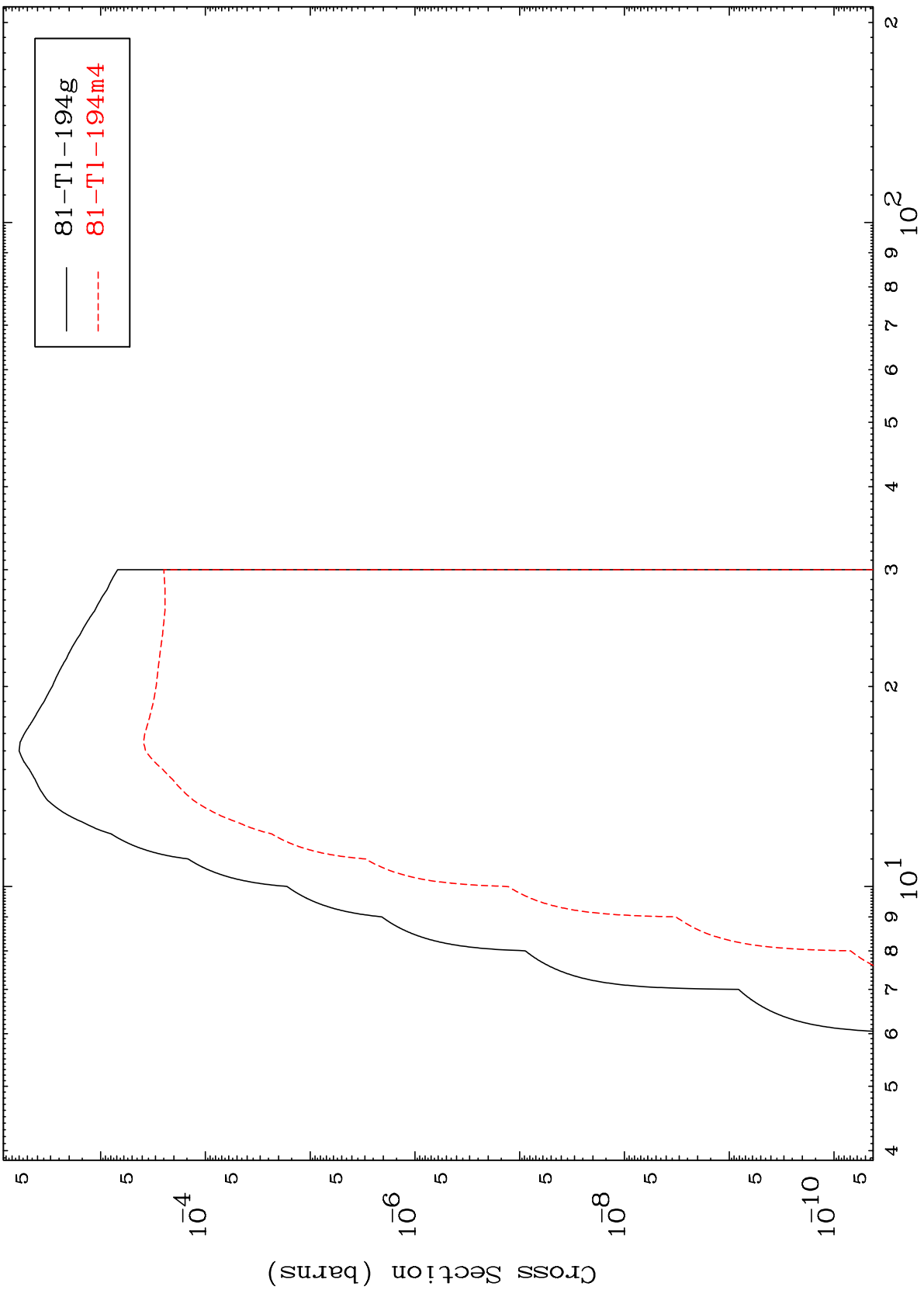


20

82-Pb-195

Incident Energy (MeV)

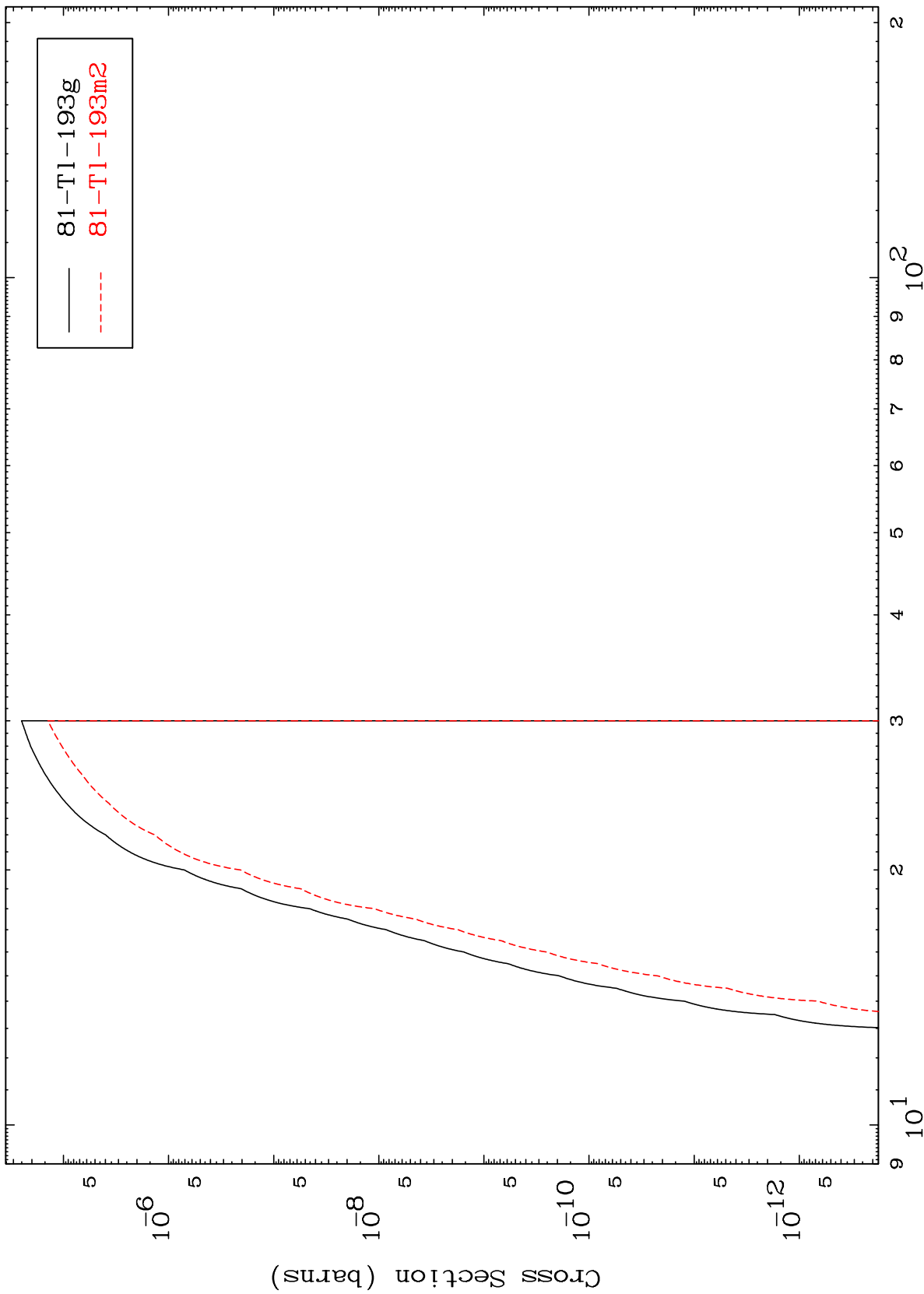
(n,p)
Radionuclide Production Cross Section



MAT 8198

82-Pb-195

(n,d)
Radionuclide Production Cross Section

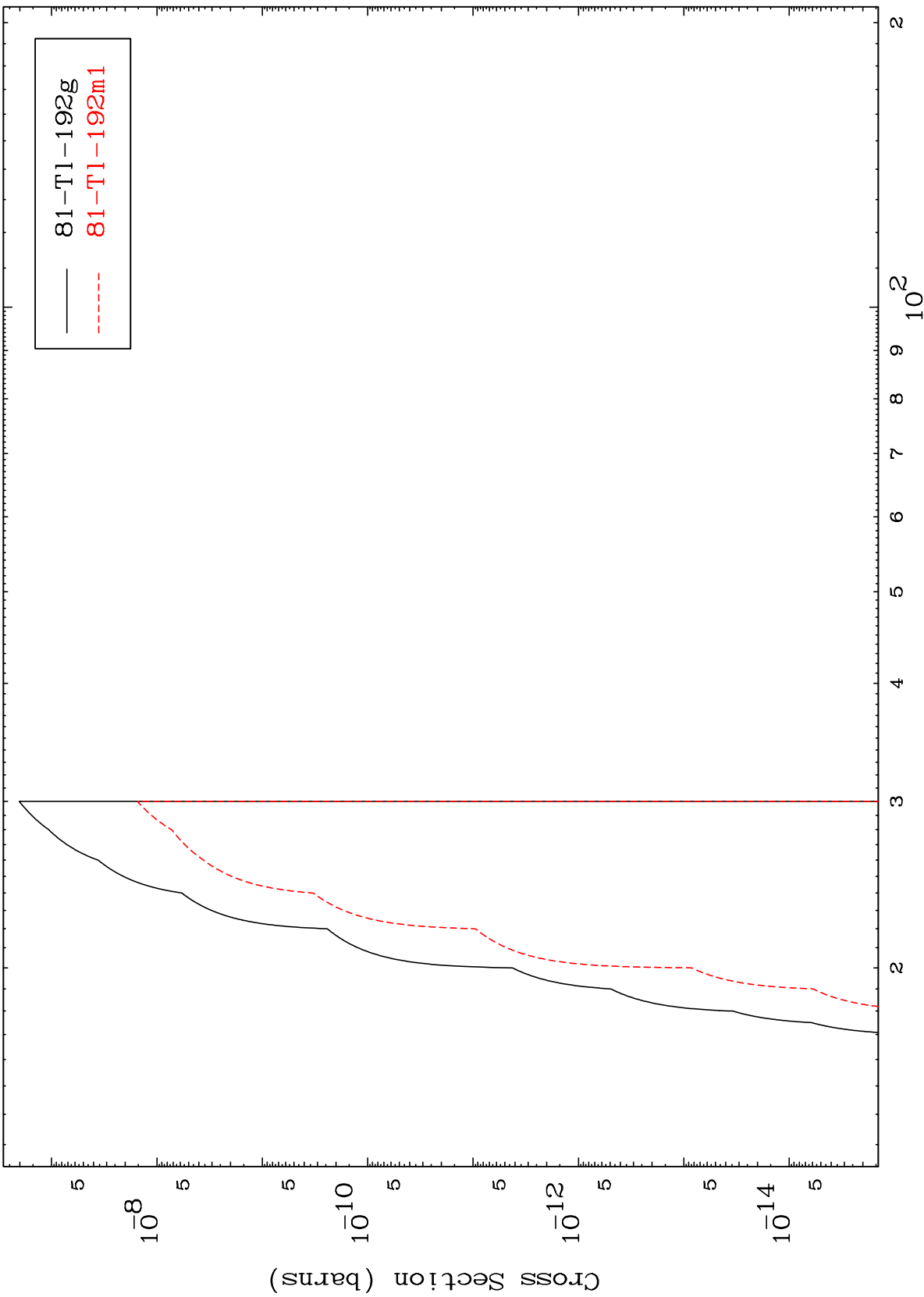


82-Pb-195

Incident Energy (MeV)

22

(n, t)
Radionuclide Production Cross Section

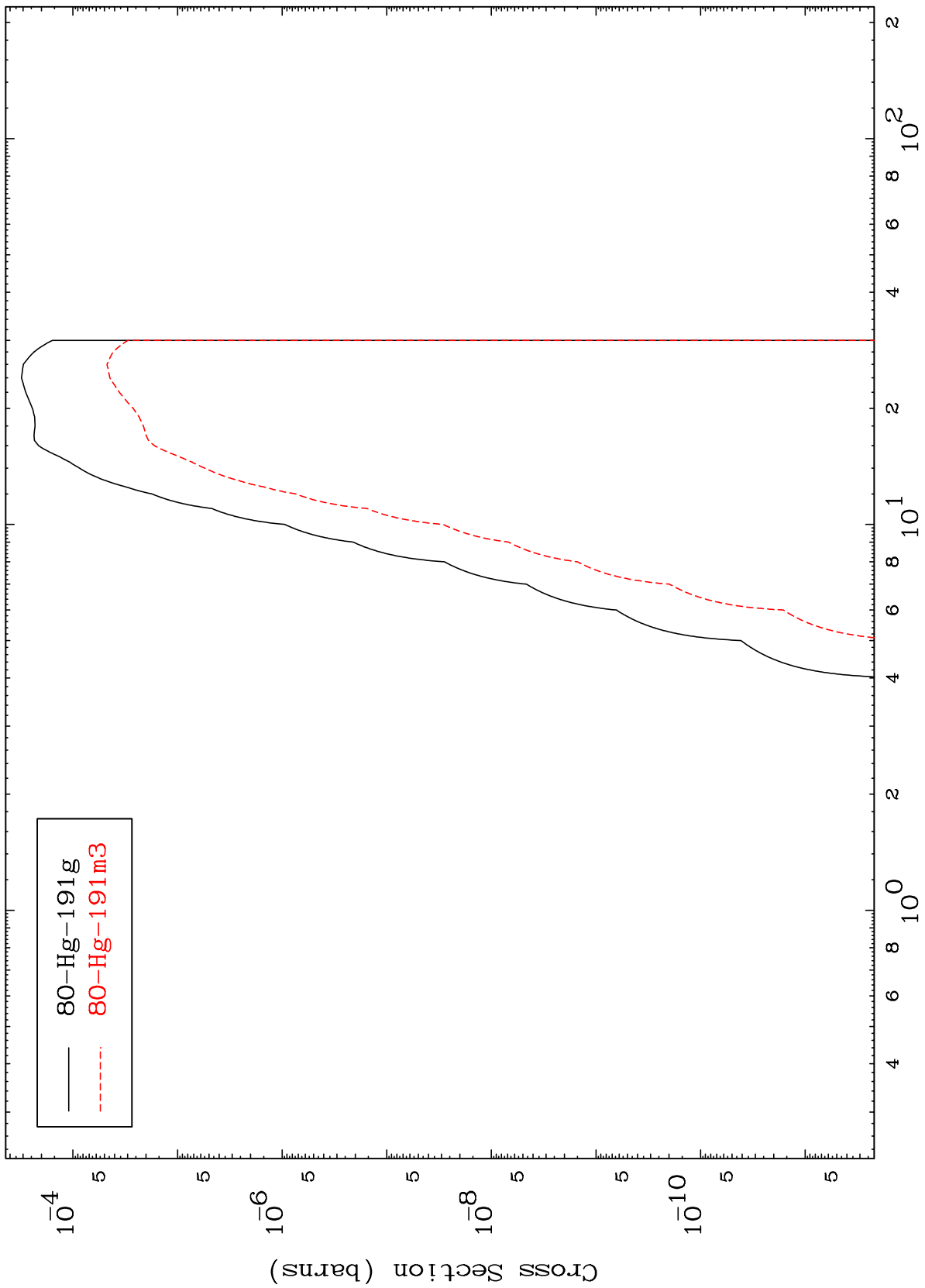


81-Tl-192g
81-Tl-192m1

MAT 8198

82-Pb-195

(n, α)
Radionuclide Production Cross Section



— 80-Hg-191g
- - - 80-Hg-191m3

24

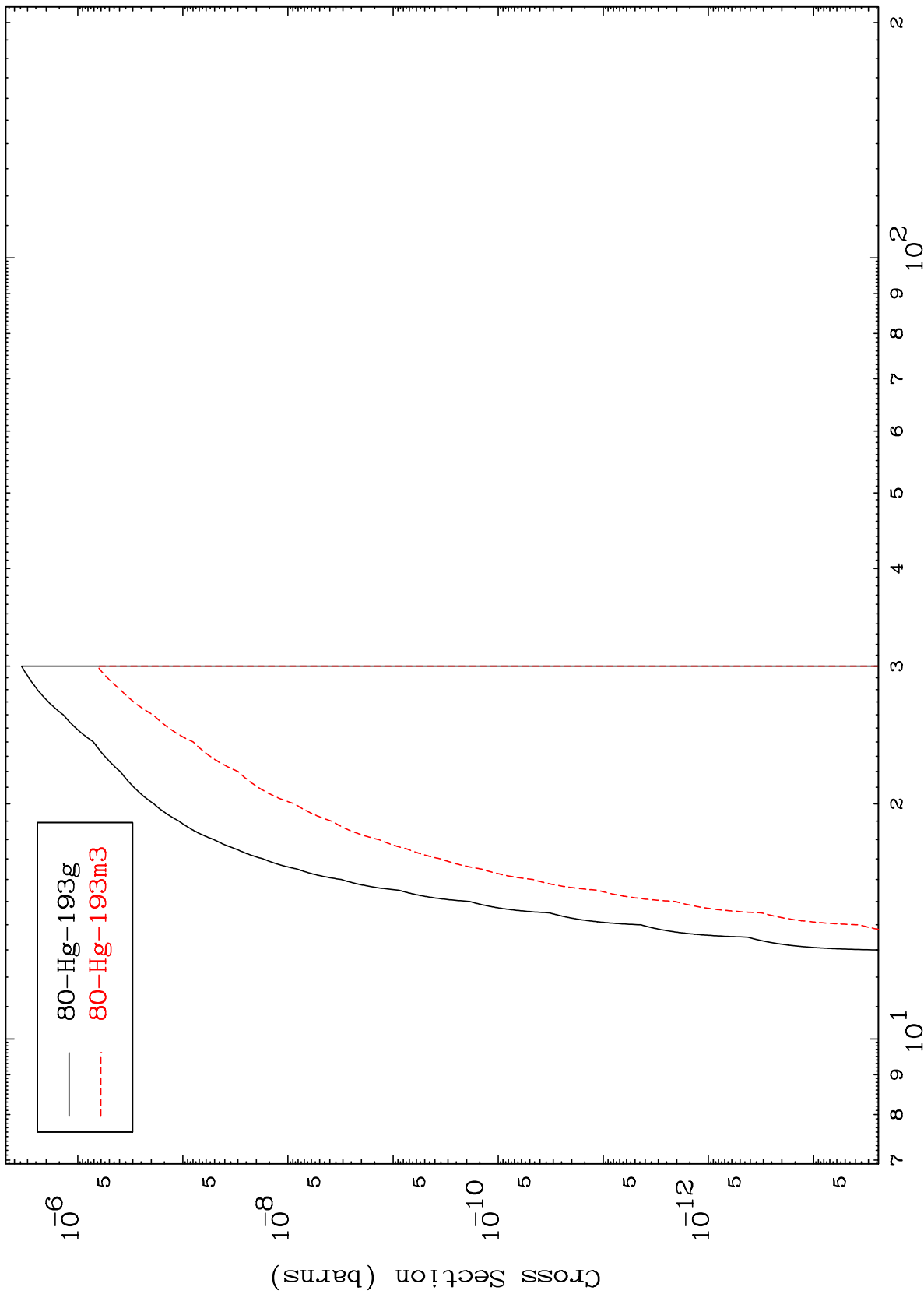
82-Pb-195

Incident Energy (MeV)

MAT 8198

82-Pb-195

(n,2p)
Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

82-Pb-195