

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

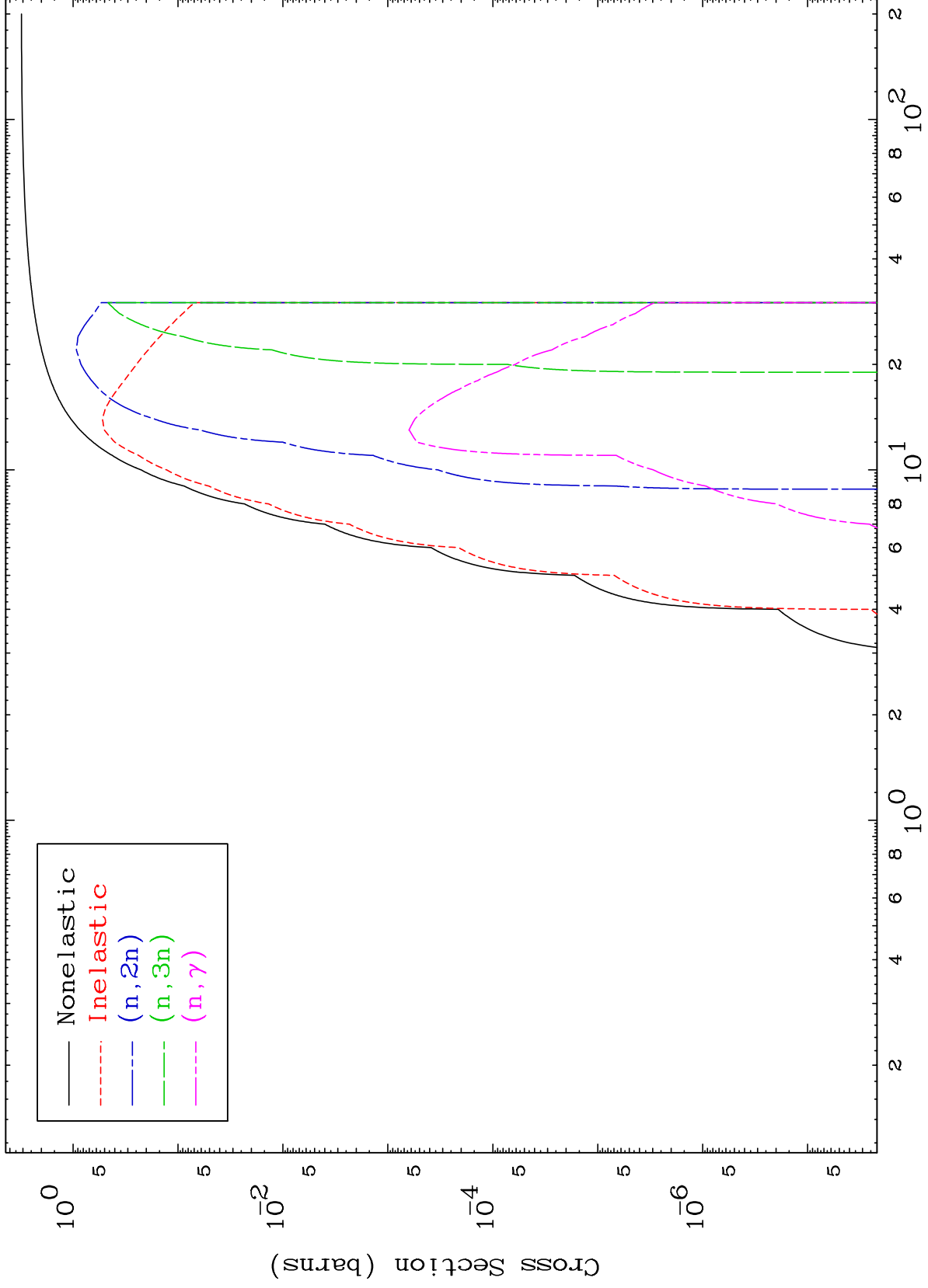
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Web:redcullen1.net/HOMEPAGE.NEW

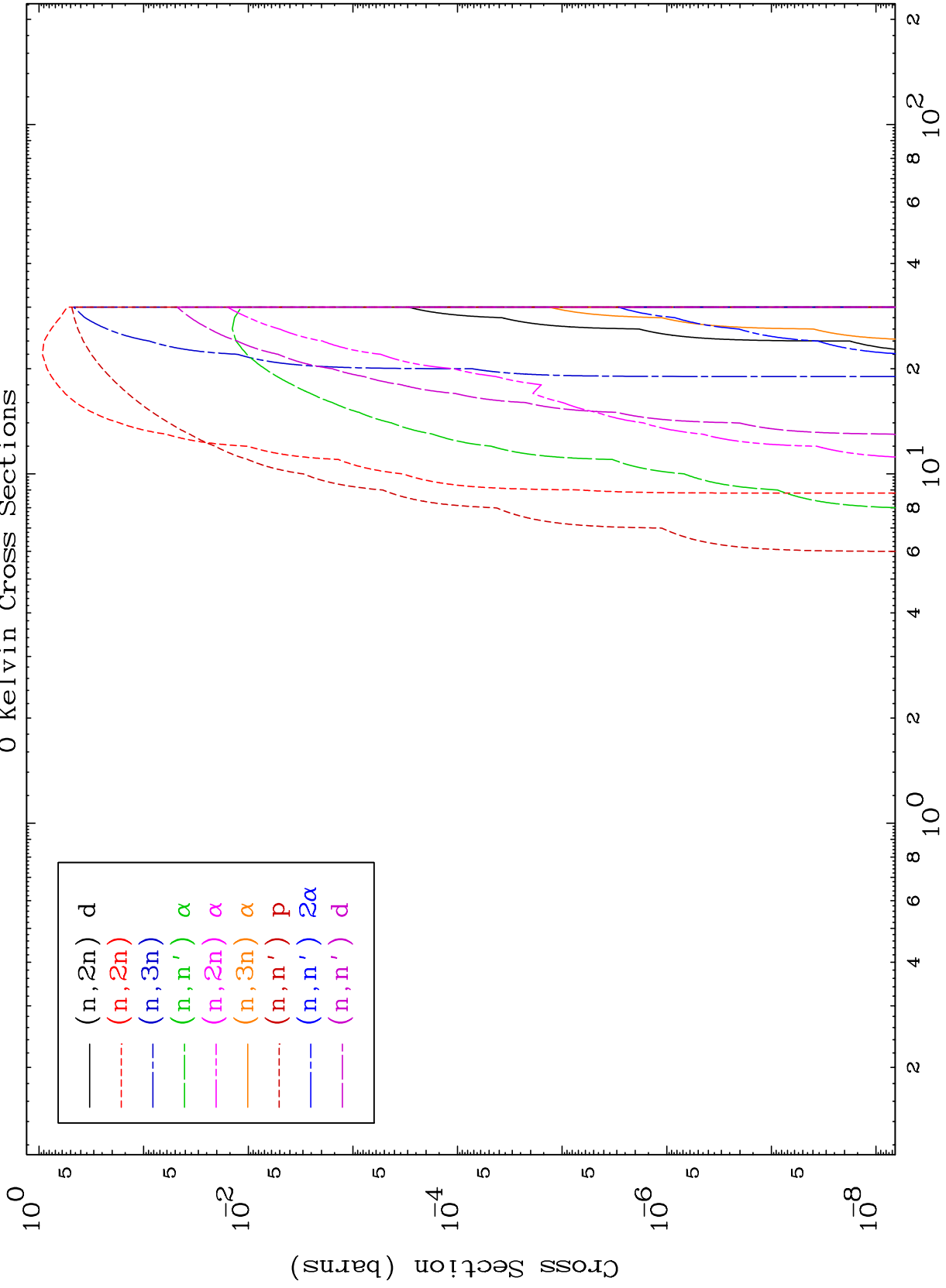
Press Mouse Button to Start

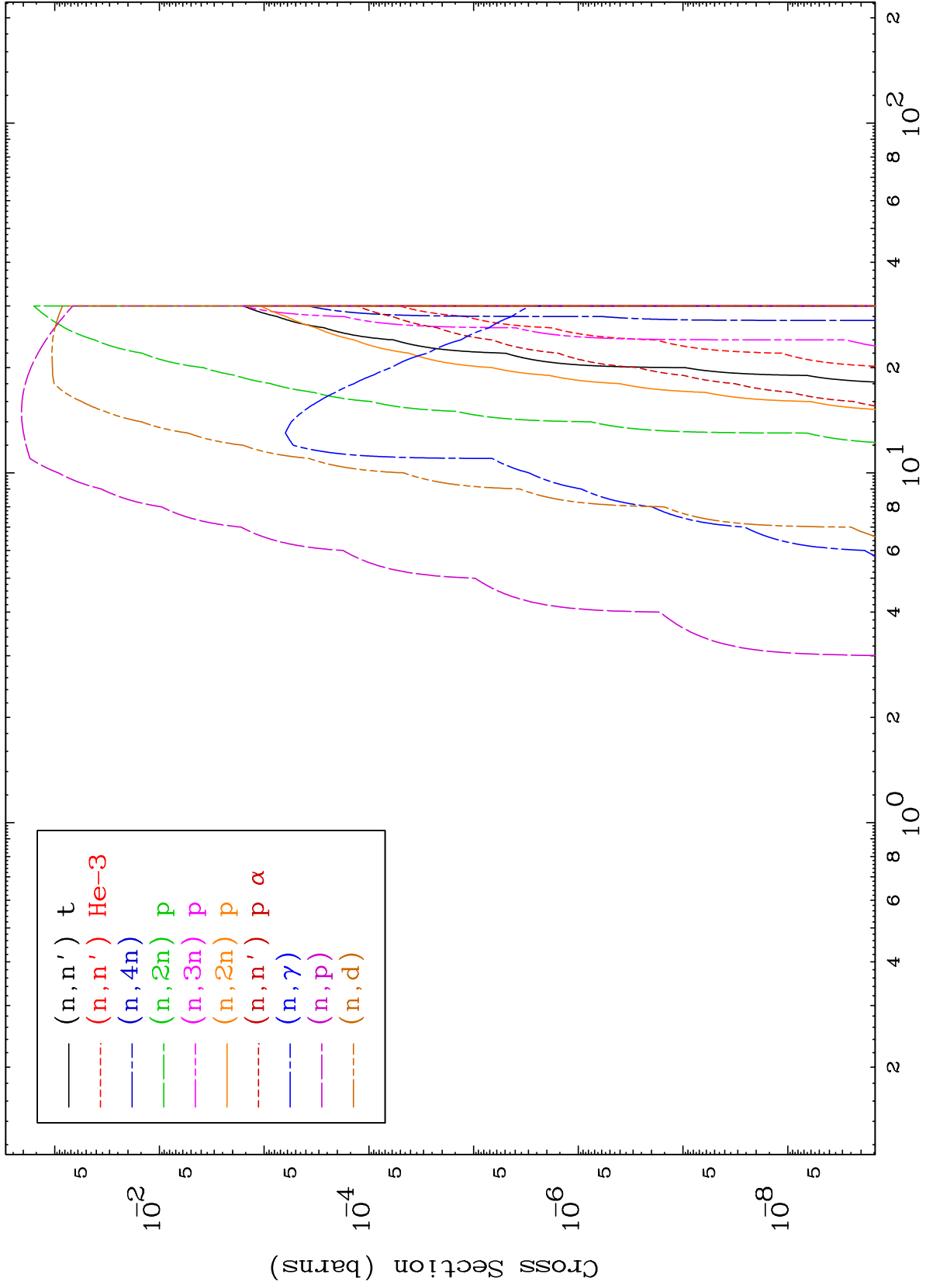


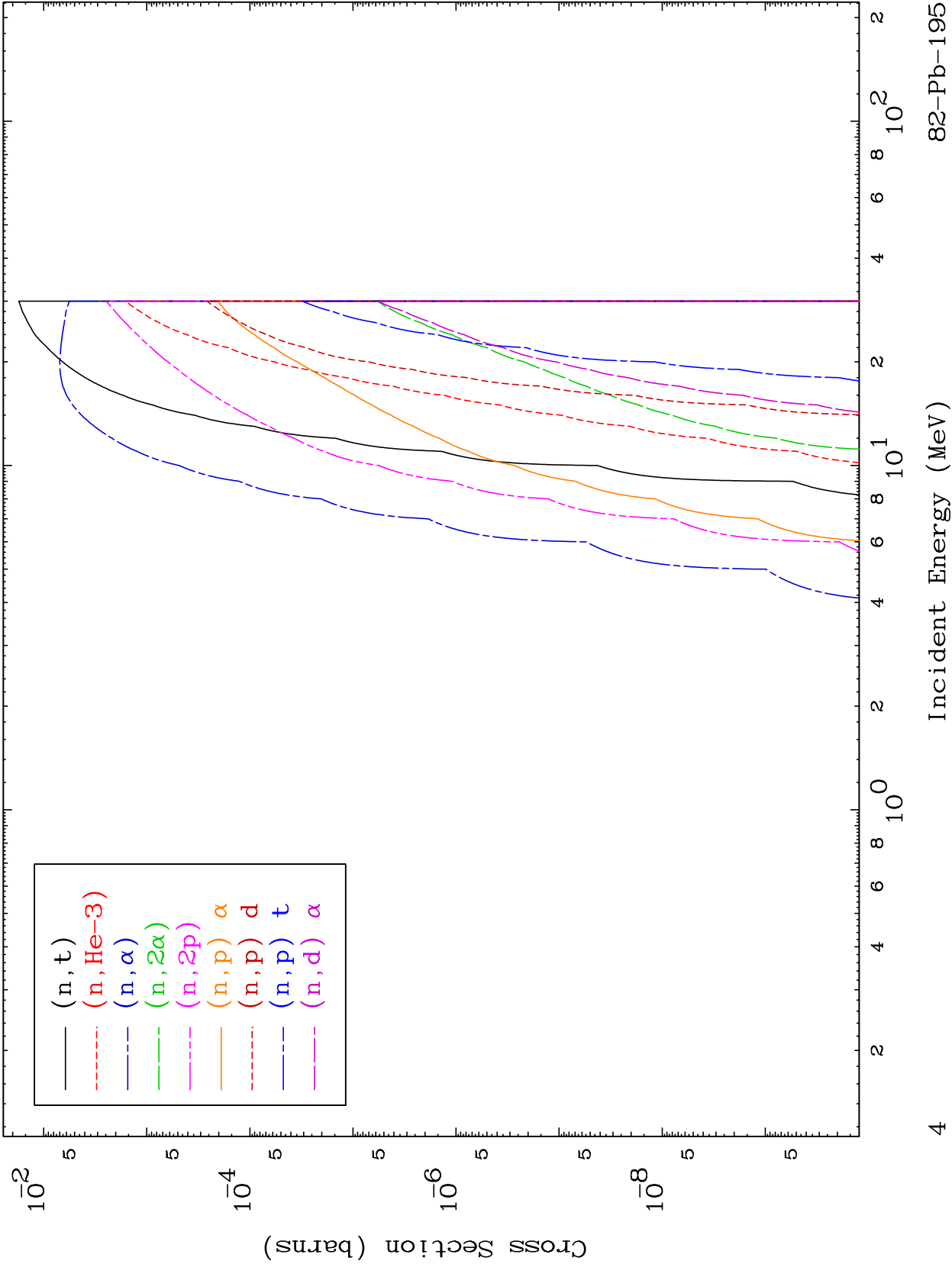
MAT 8198

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-195



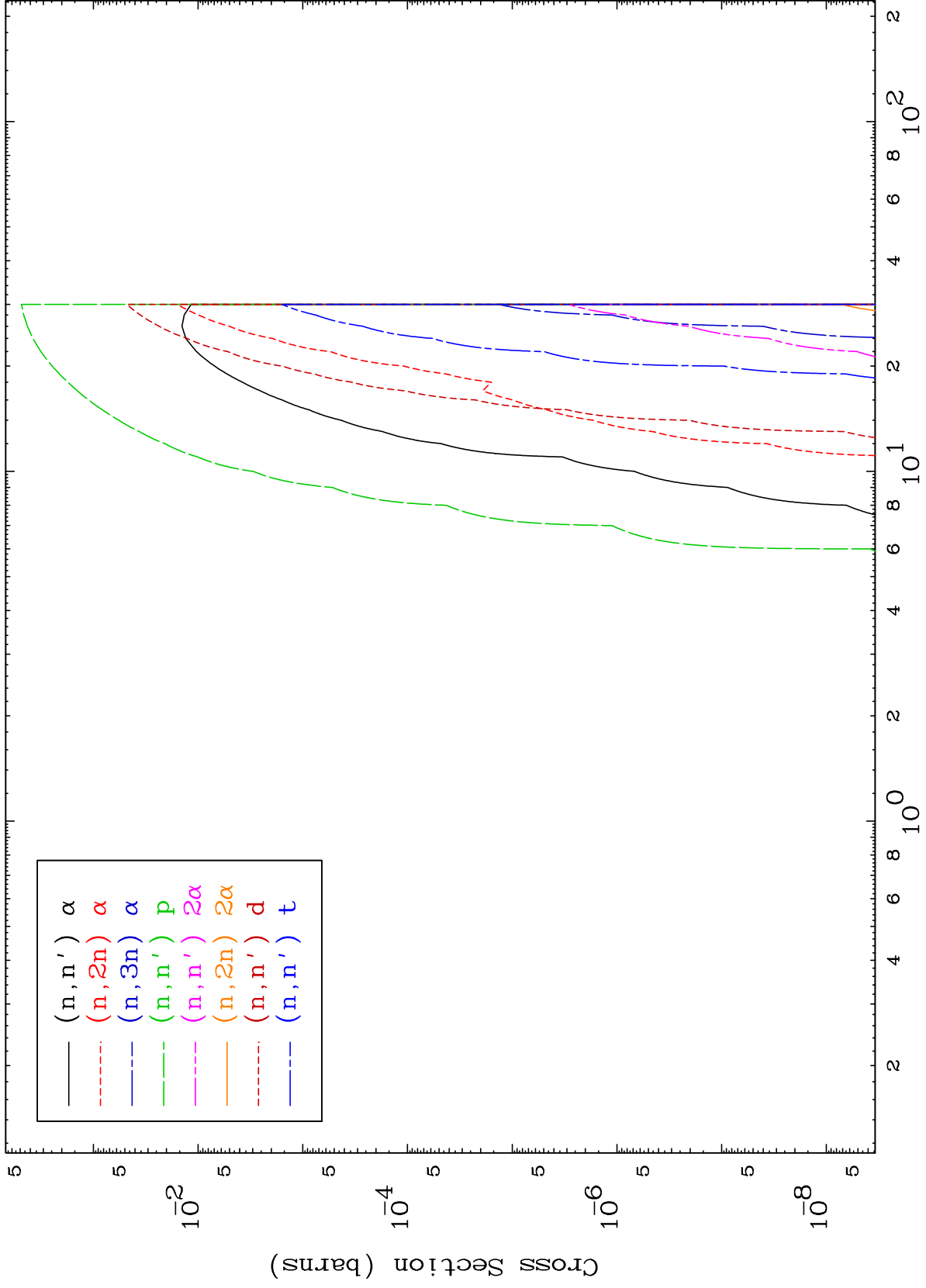




MAT 8198

Deuteron Charged Particle
0 Kelvin Cross Sections

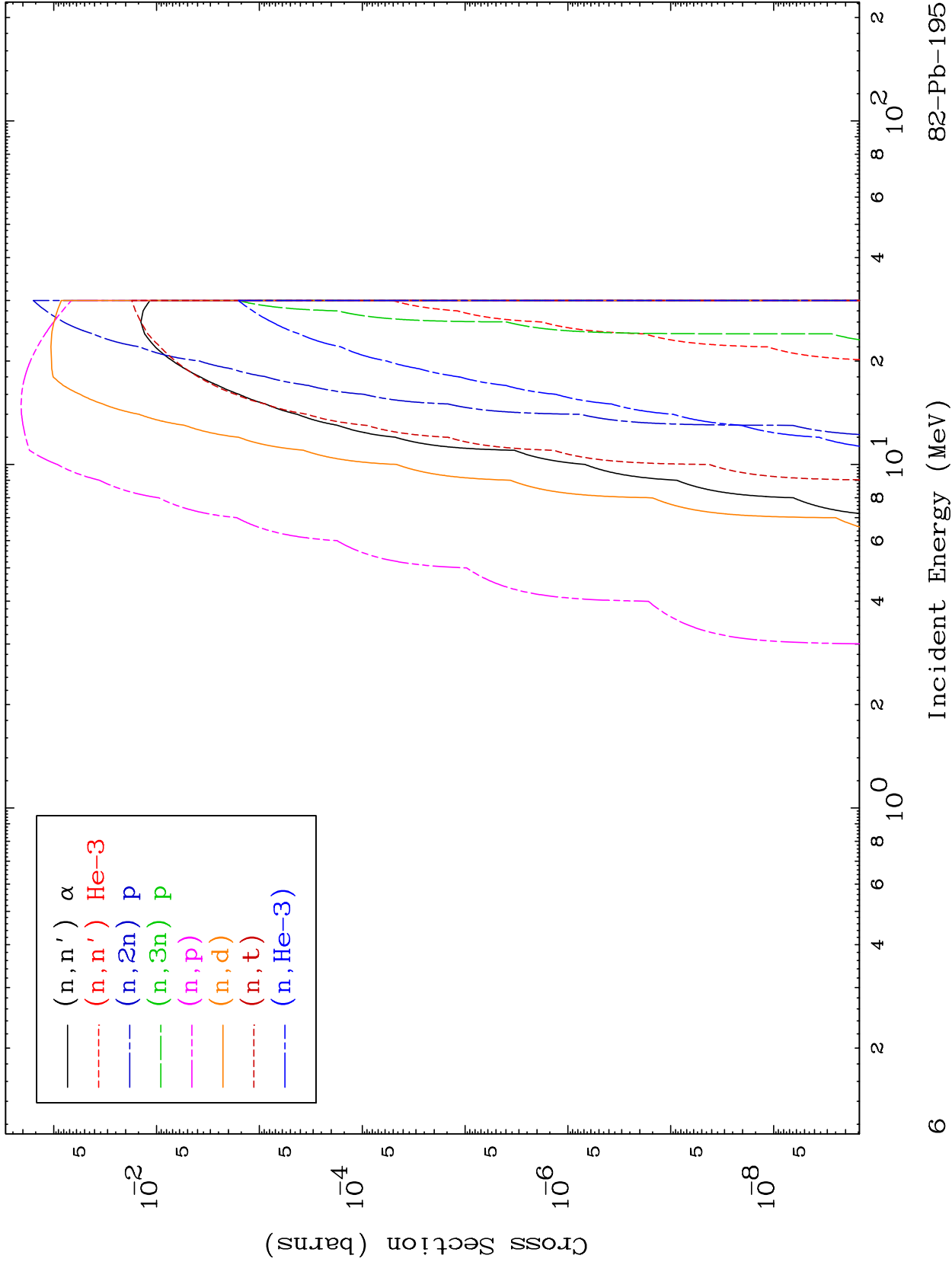
82-Pb-195

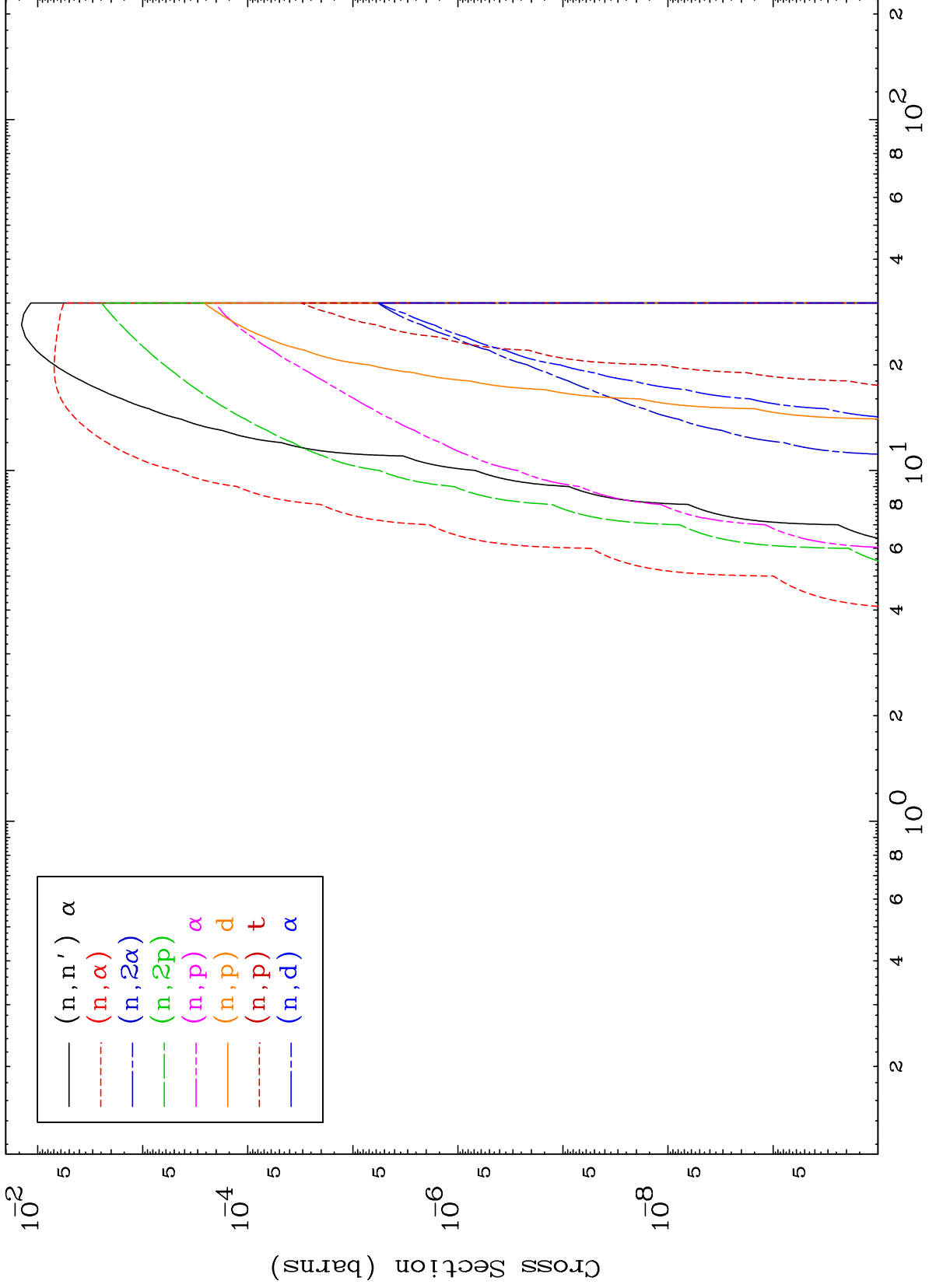


5

Incident Energy (MeV)

82-Pb-195



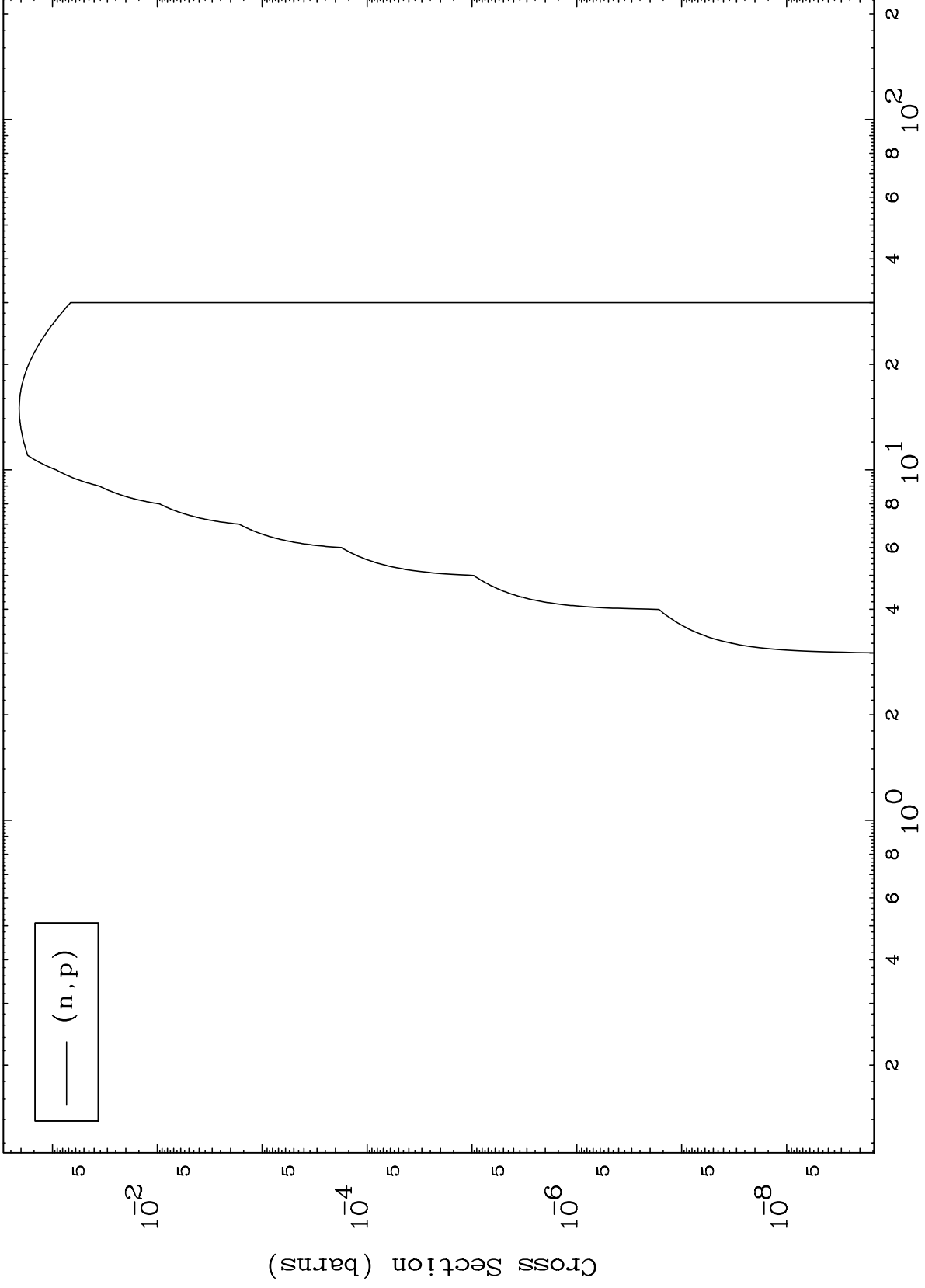


MAT 8198

(d,p) Levels

82-Pb-195

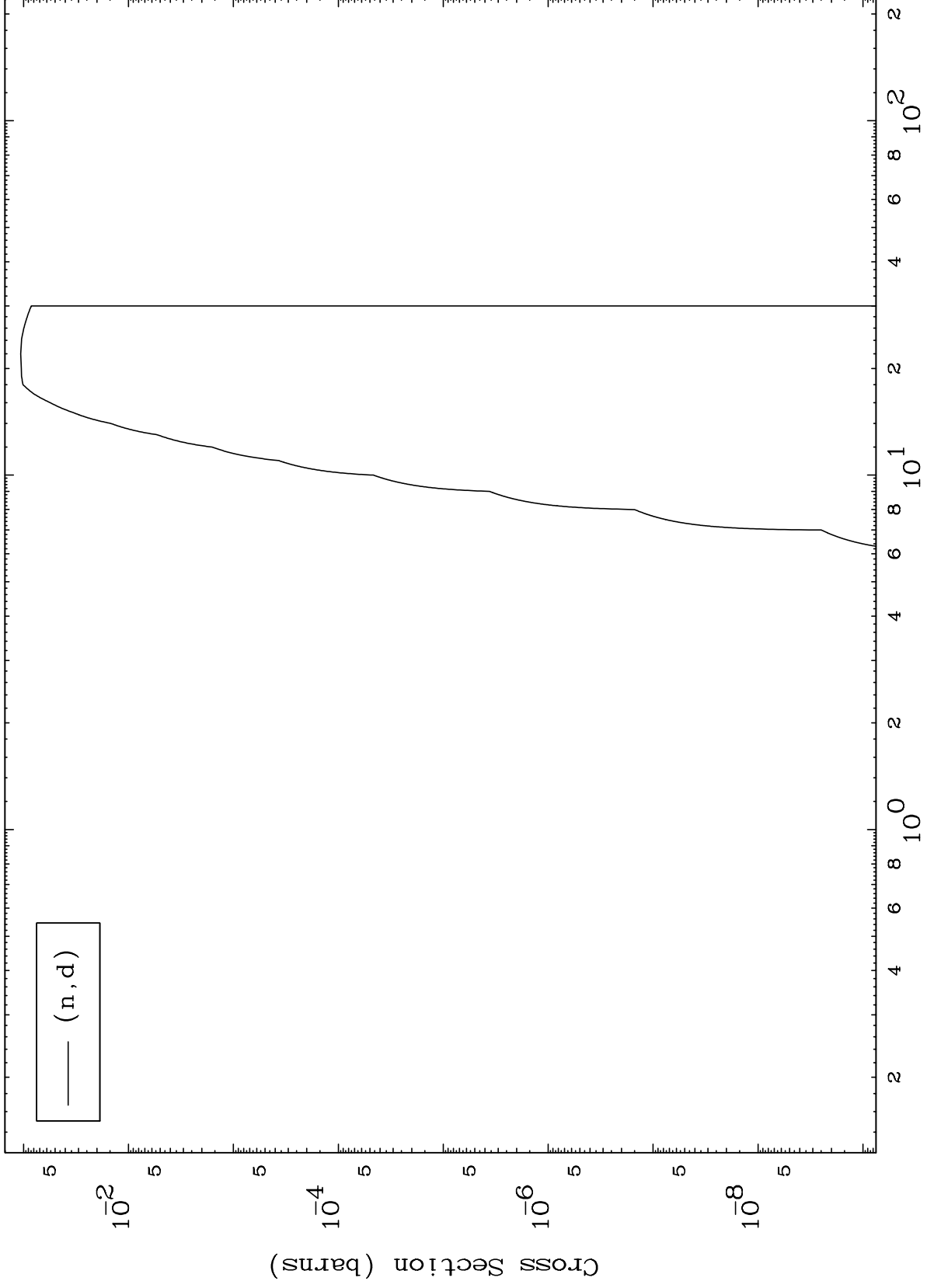
0 Kelvin Cross Sections



MAT 8198

(d,d) Levels
0 Kelvin Cross Sections

82-Pb-195

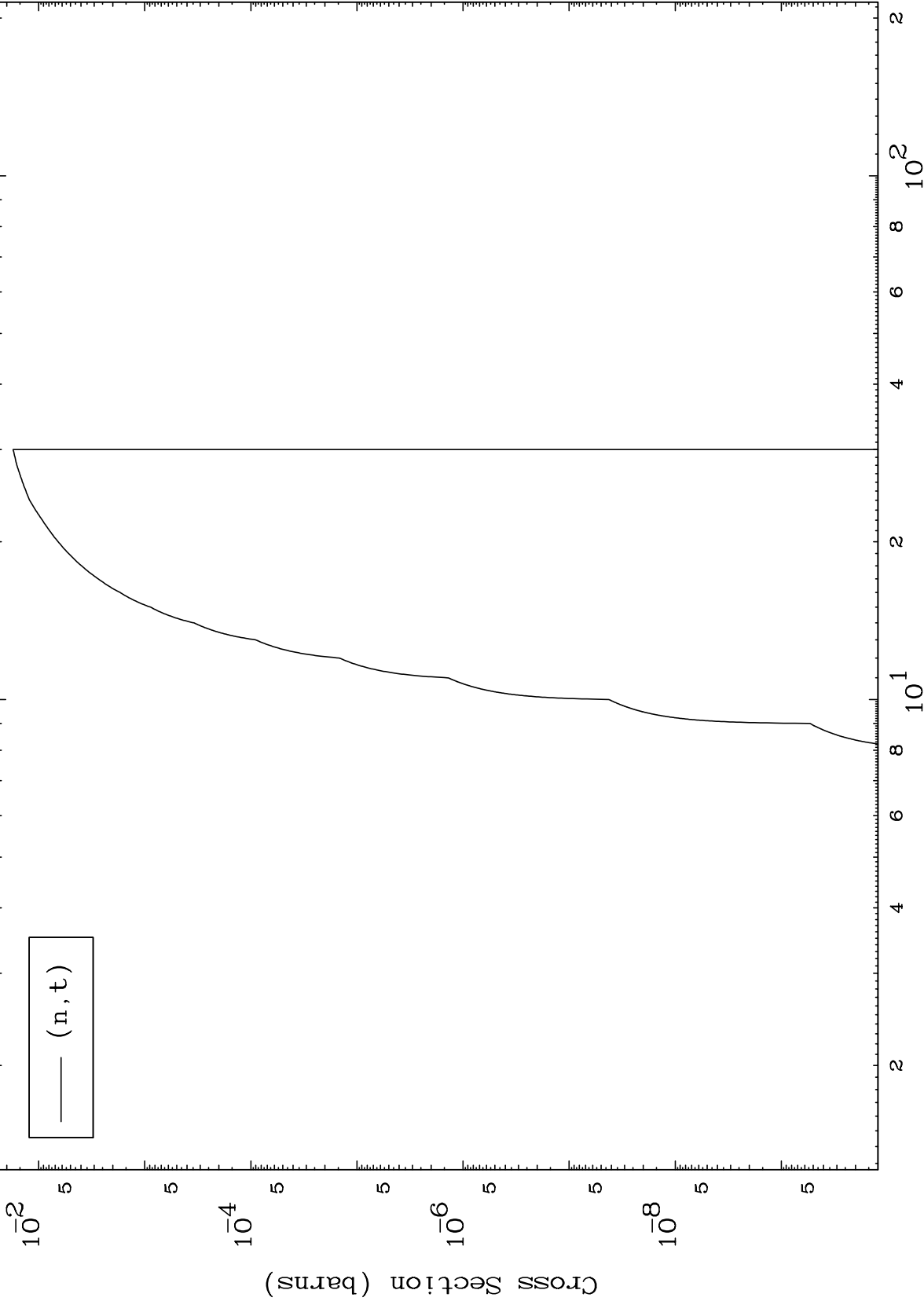


MAT 8198

(d,t) Levels

82-Pb-195

0 Kelvin Cross Sections



10

Incident Energy (MeV)

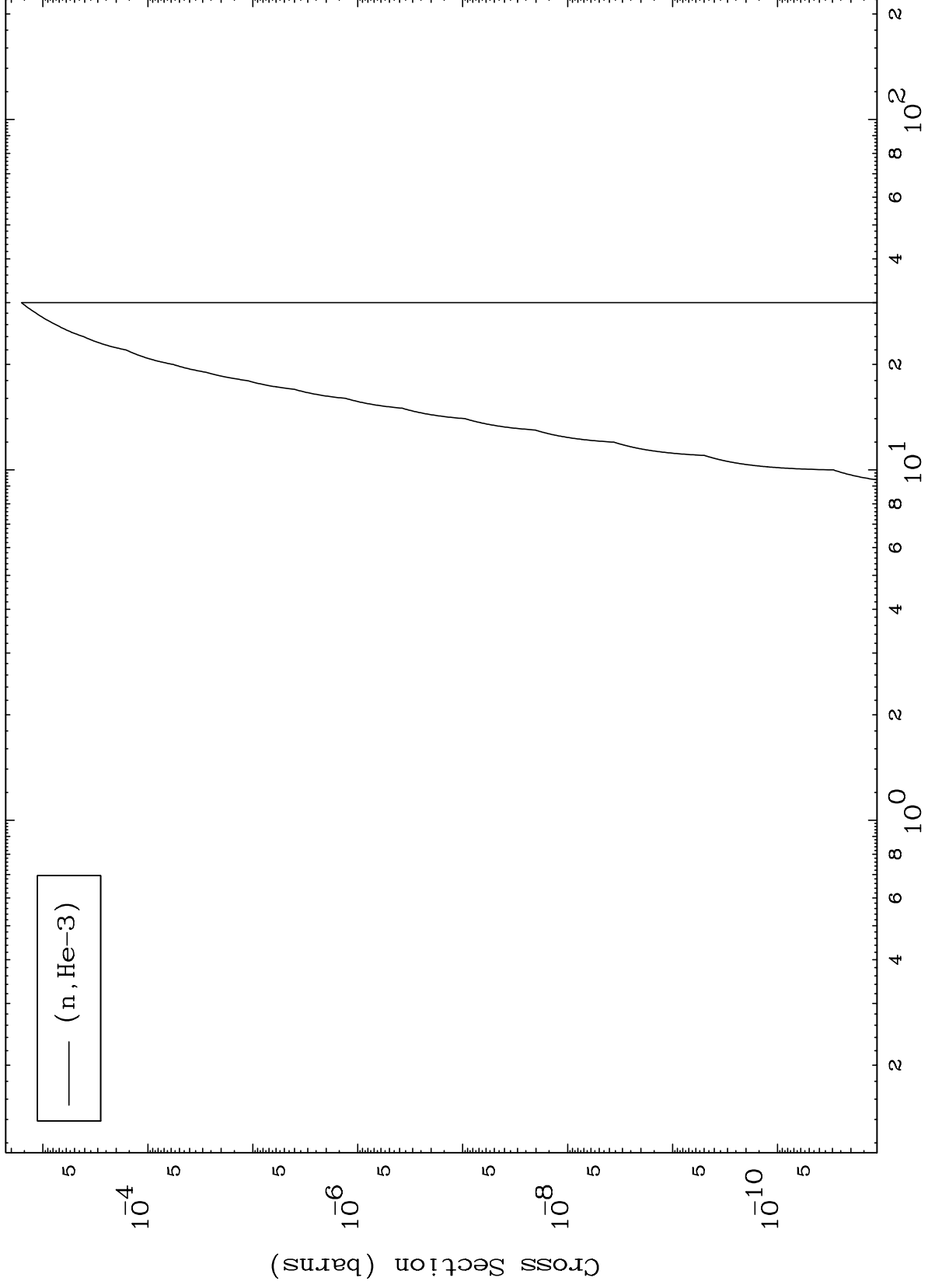
82-Pb-195

MAT 8198

(d,He3) Levels

82-Pb-195

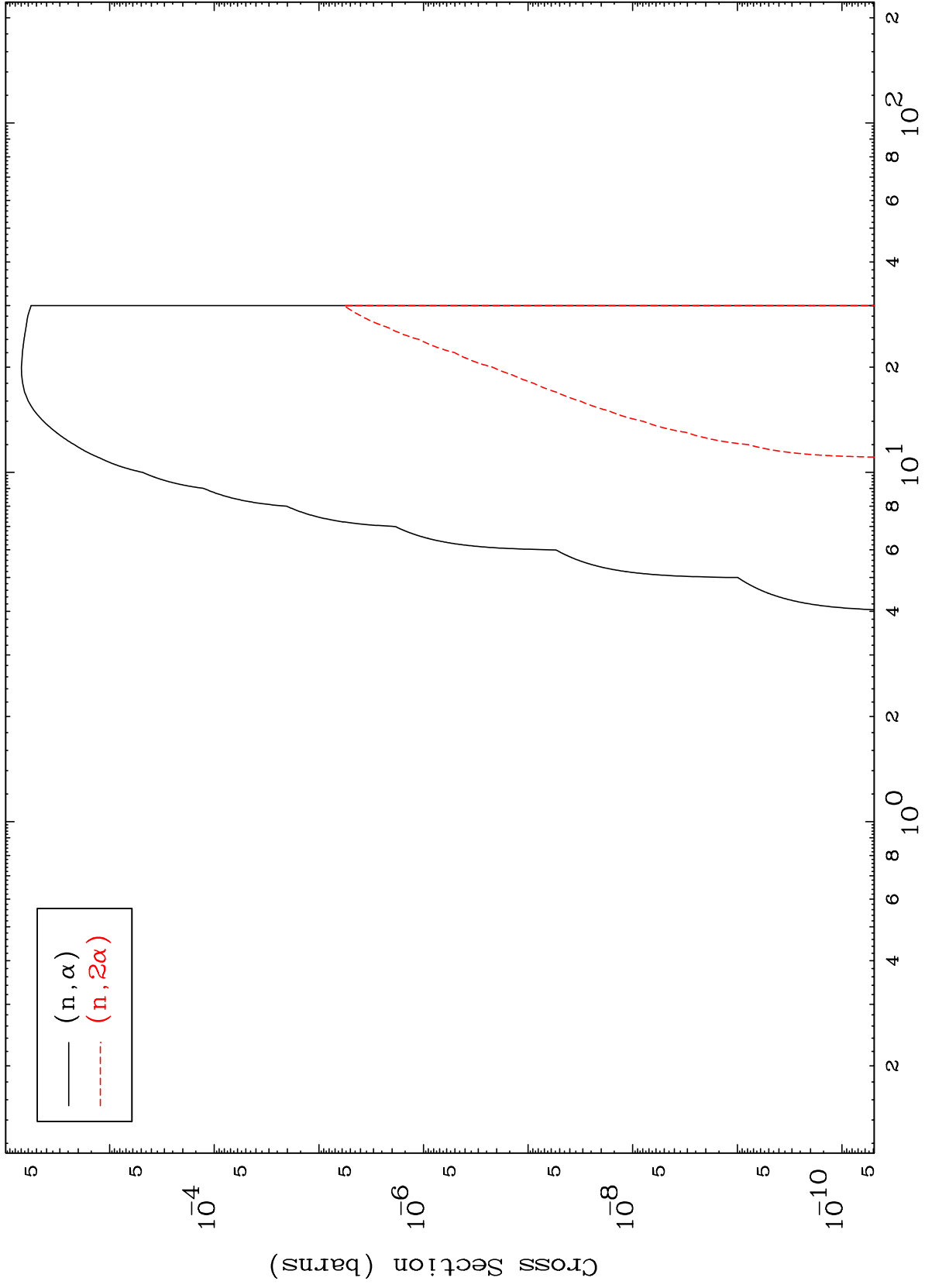
0 Kelvin Cross Sections



MAT 8198

(d, α) Levels
0 Kelvin Cross Sections

82-Pb-195



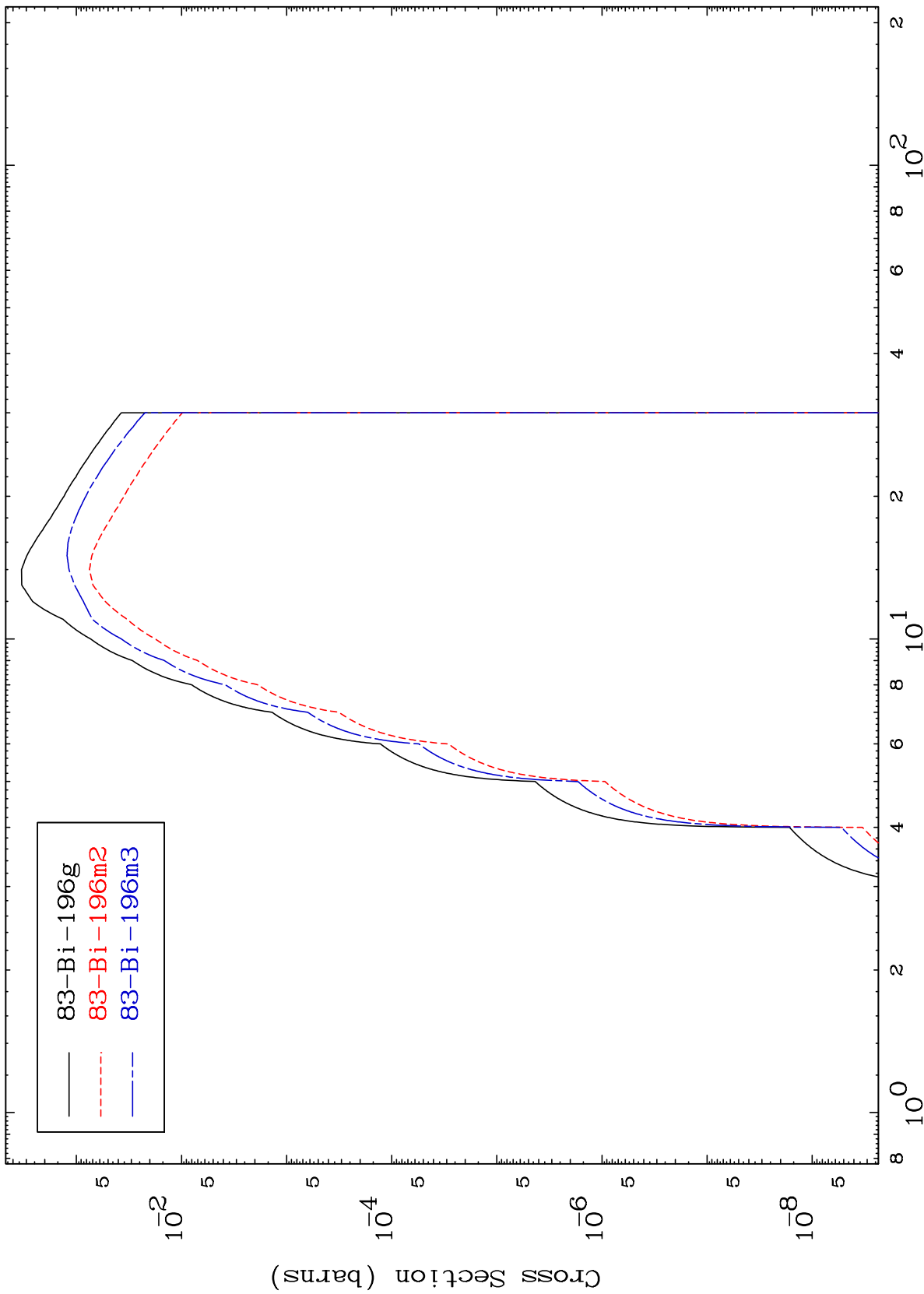
12

82-Pb-195

MAT 8198

82-Pb-195

Radionuclide Production Cross Section



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

82-Pb-195

Incident Energy (MeV)

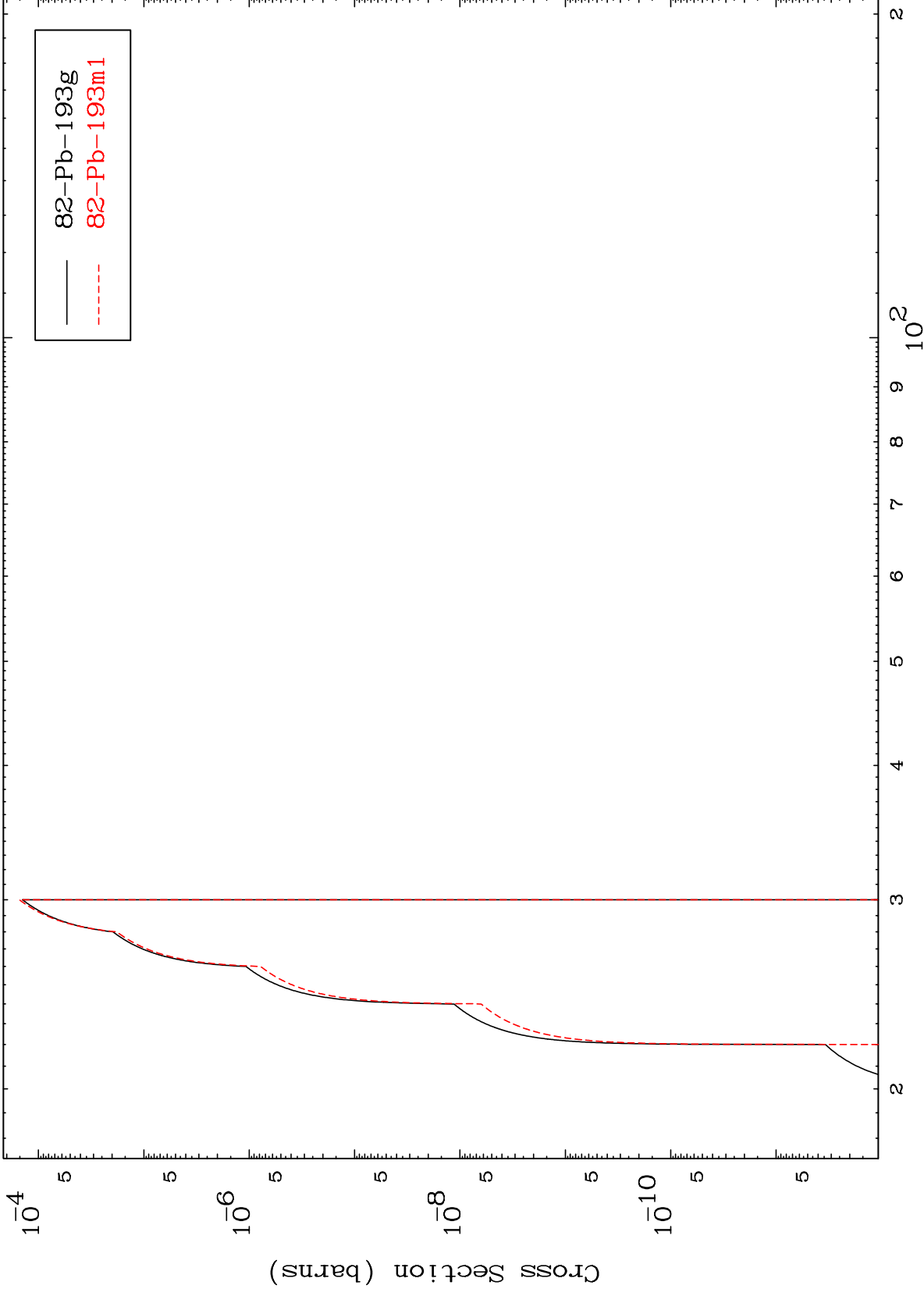
13

MAT 8198

(n,2n) d

82-Pb-195

Radionuclide Production Cross Section



14

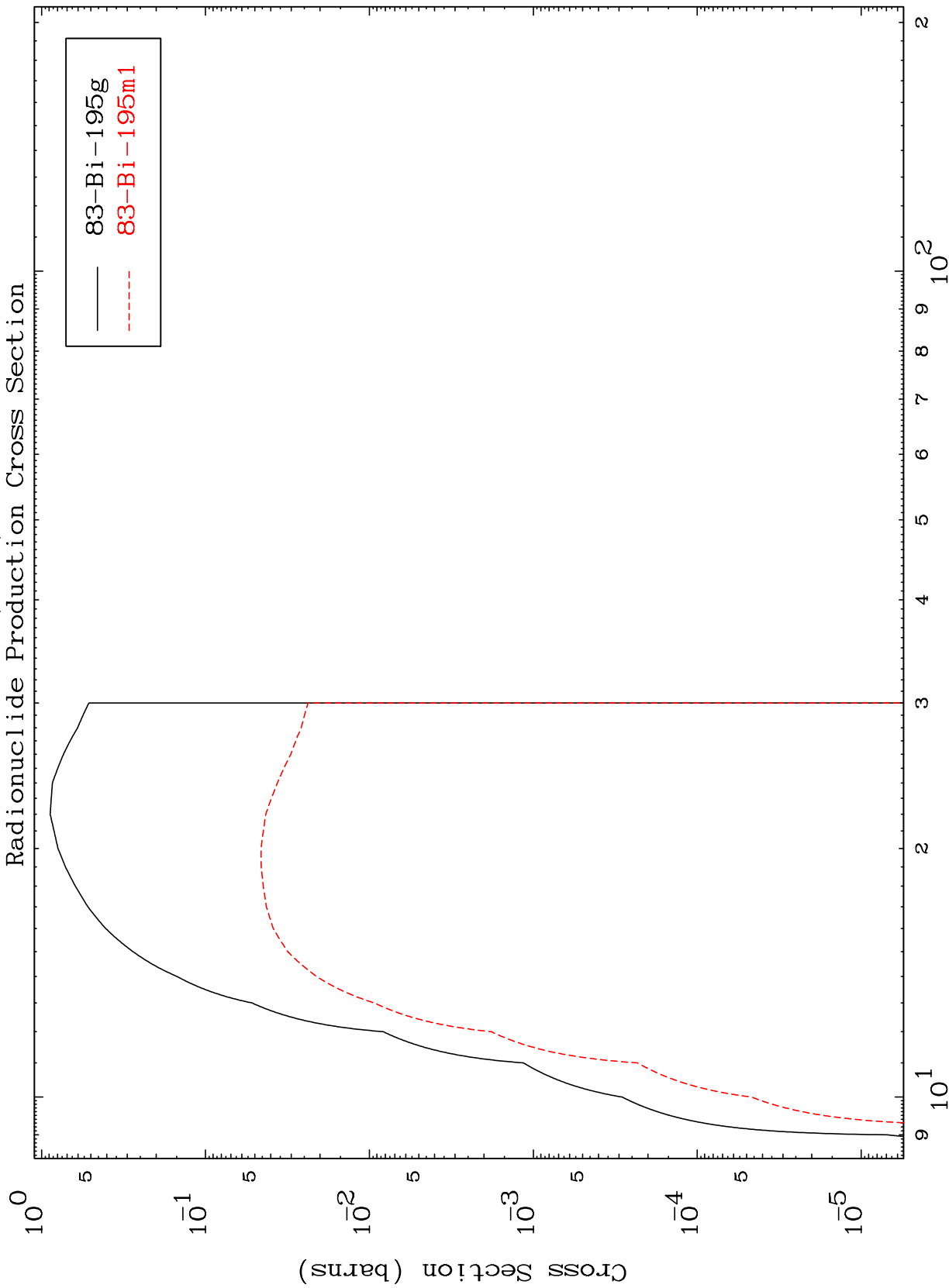
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n,2n)
Radionuclide Production Cross Section



82-Pb-195

Incident Energy (MeV)

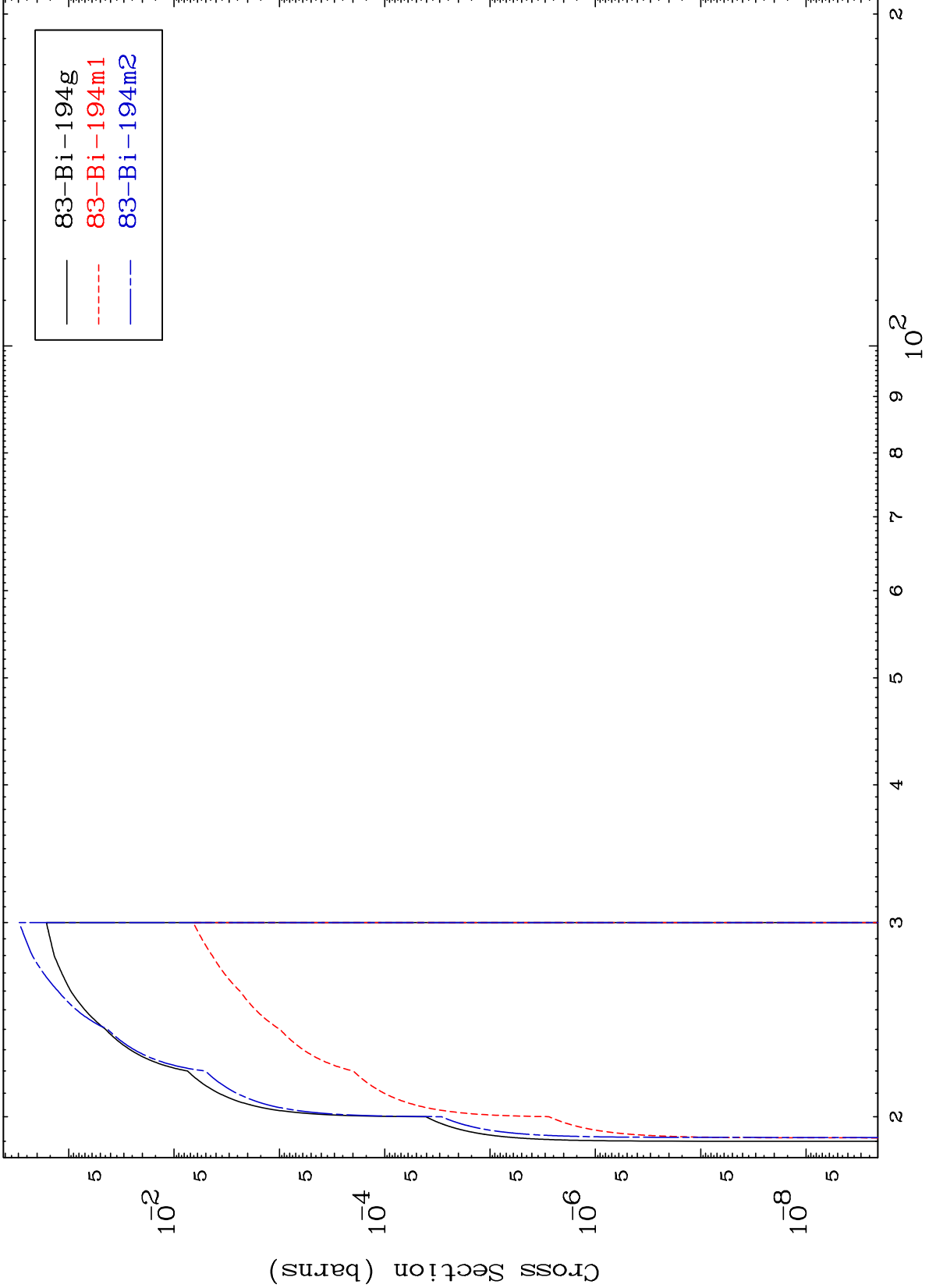
15

MAT 8198

(n,3n)

82-Pb-195

Radionuclide Production Cross Section



16

Incident Energy (MeV)

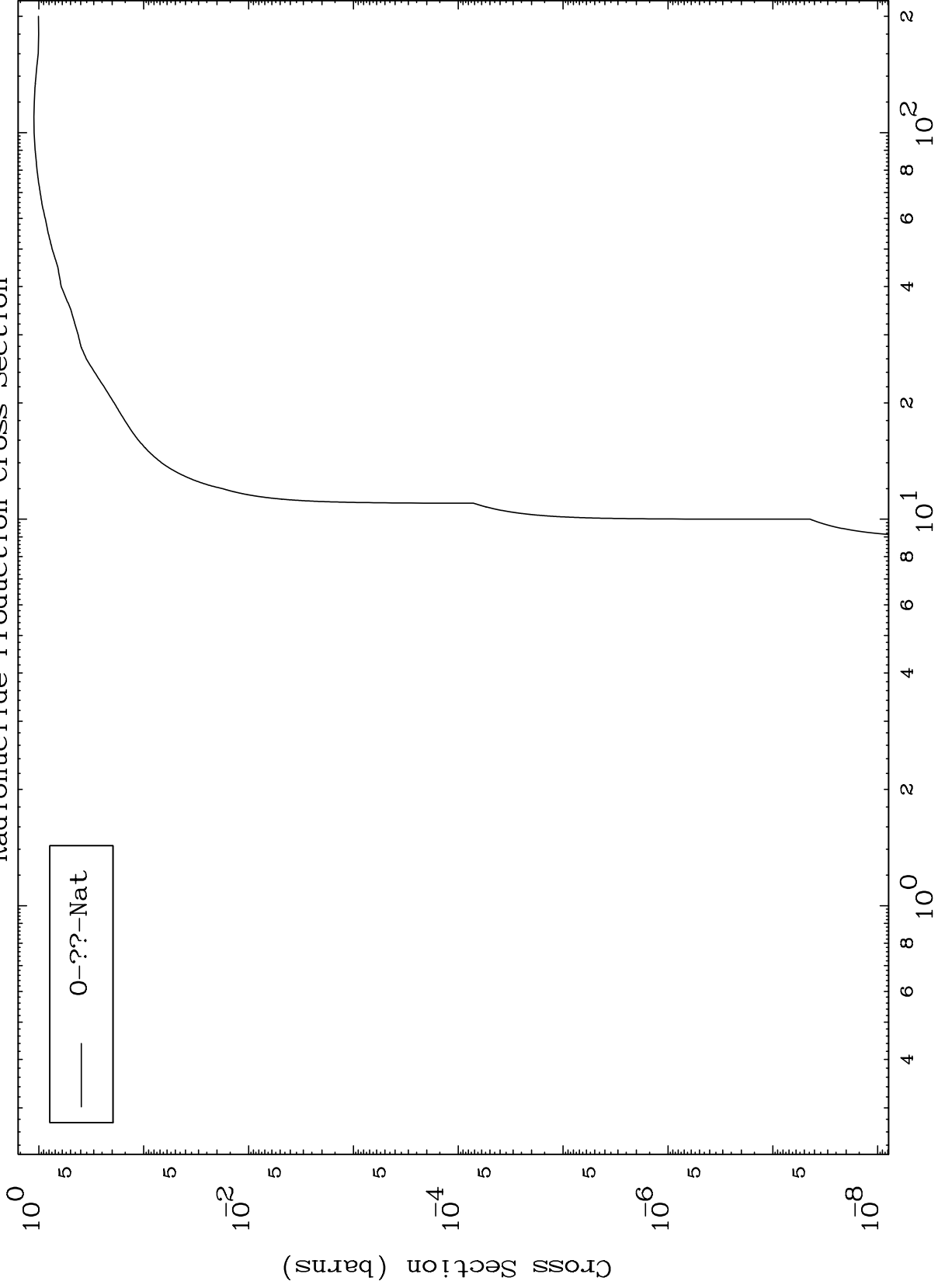
82-Pb-195

MAT 8198

Fission

82-Pb-195

Radionuclide Production Cross Section



17

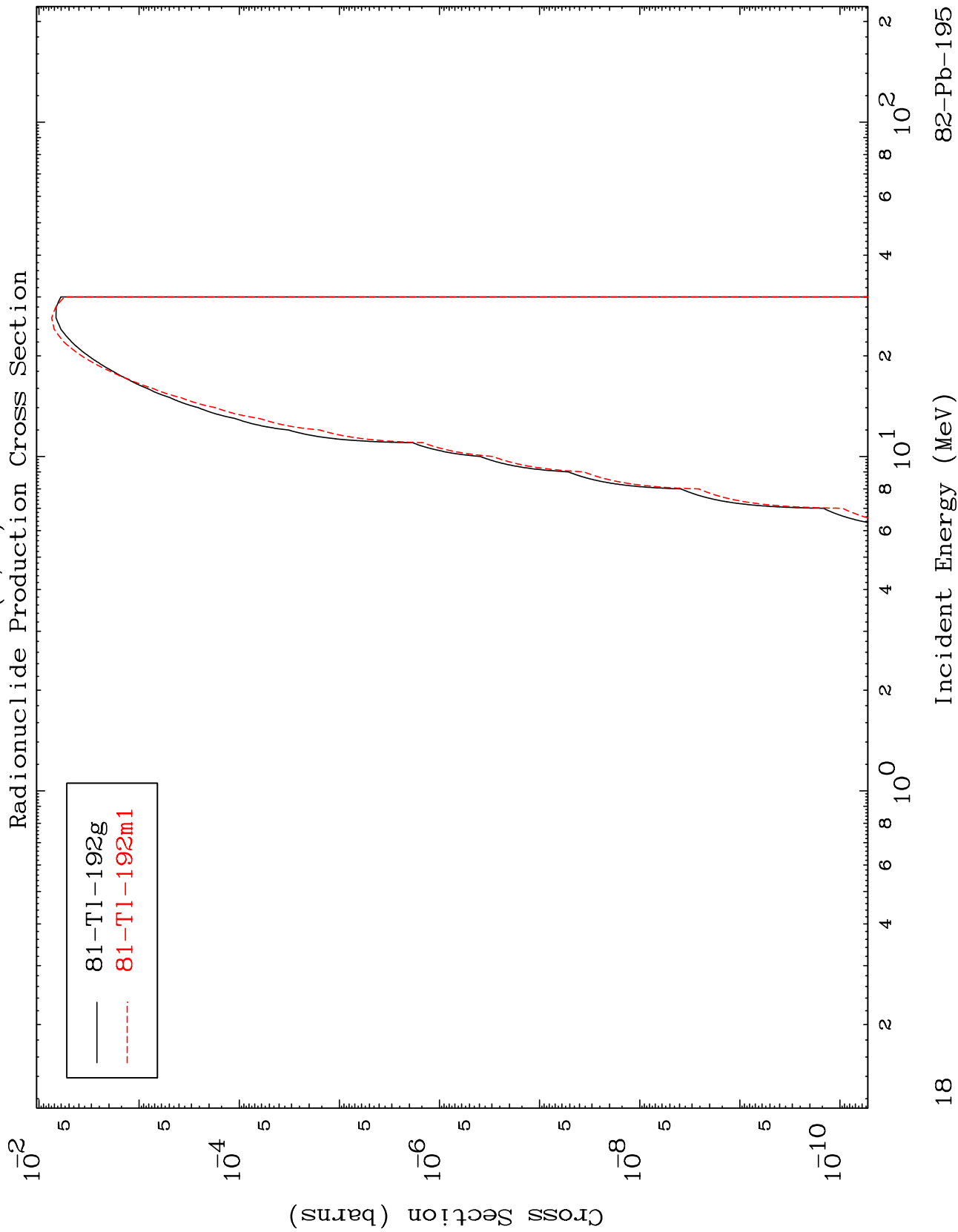
Incident Energy (MeV)

82-Pb-195

MAT 8198

$(n, n') \alpha$

82-Pb-195

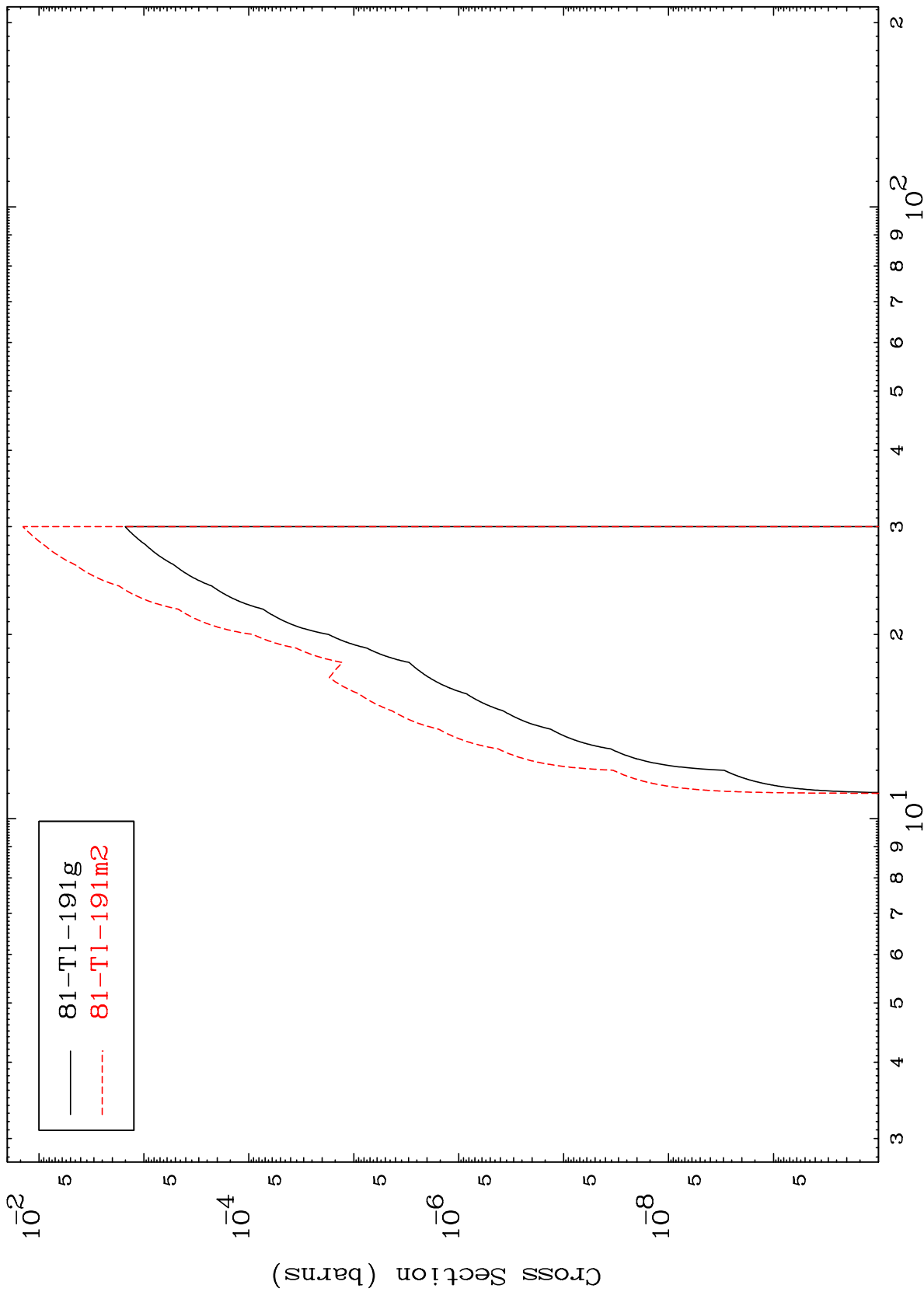


MAT 8198

$(n, 2n)$ α

82-Pb-195

Radionuclide Production Cross Section

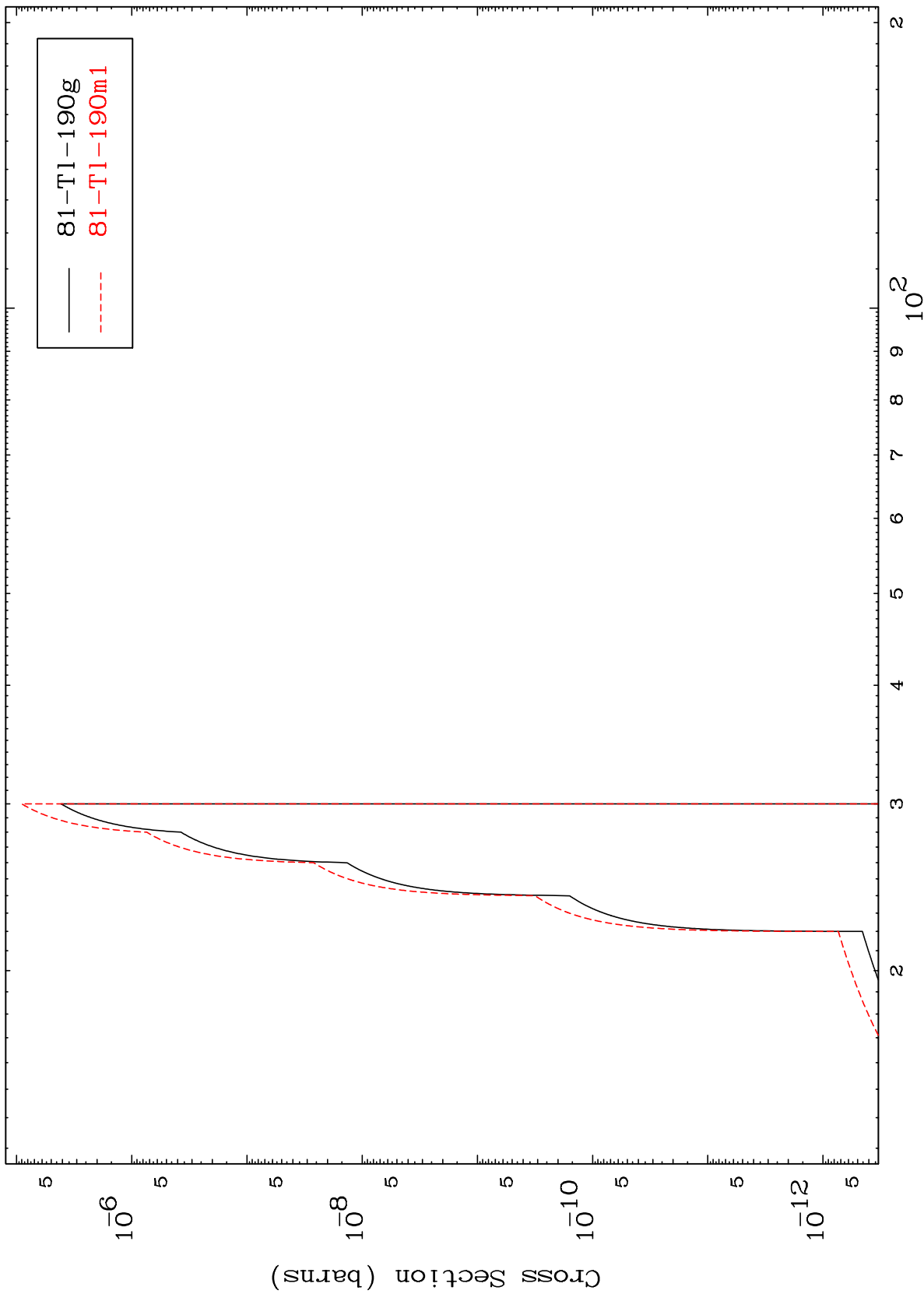


19

Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section

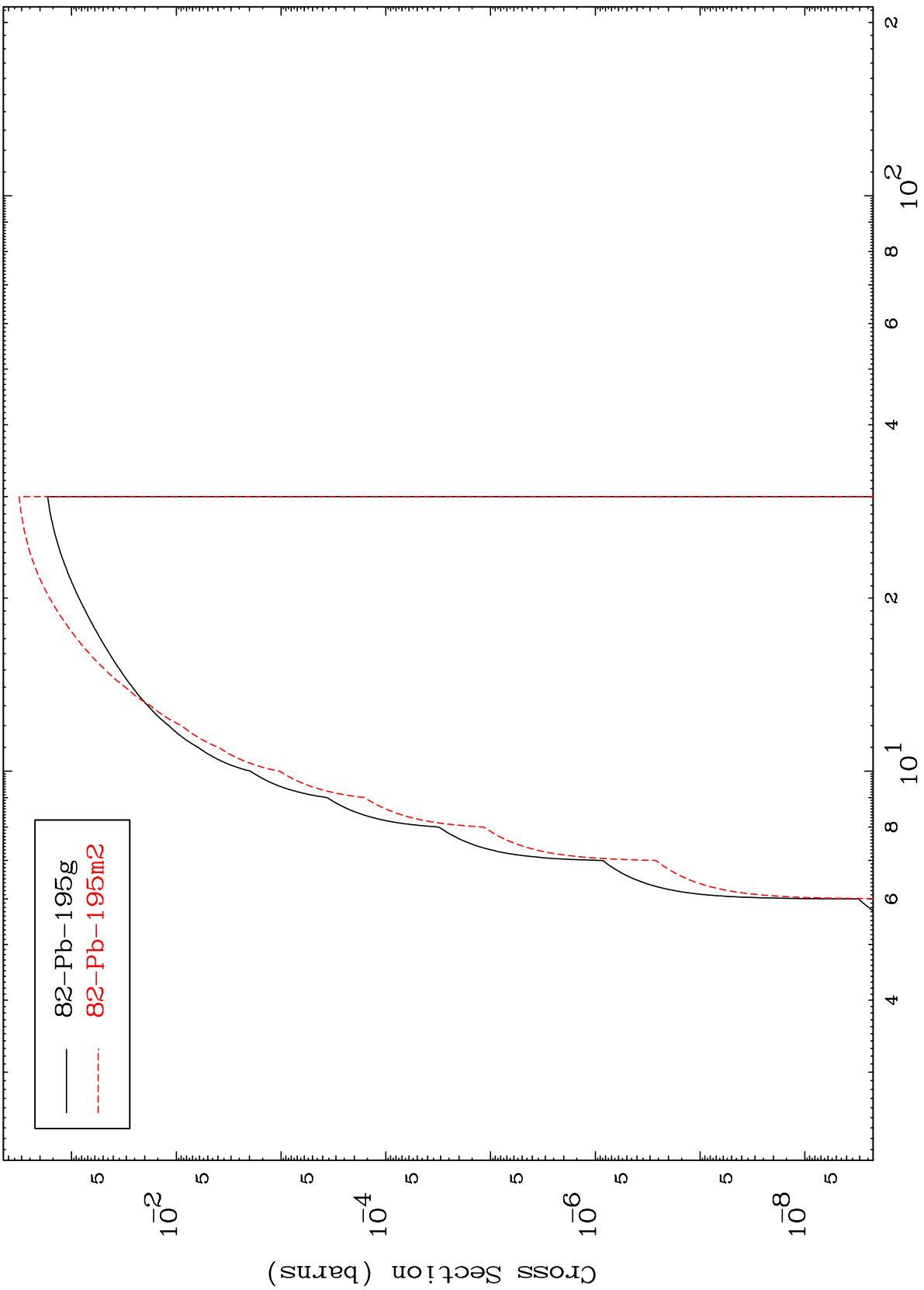


MAT 8198

(n,n') p

82-Pb-195

Radionuclide Production Cross Section

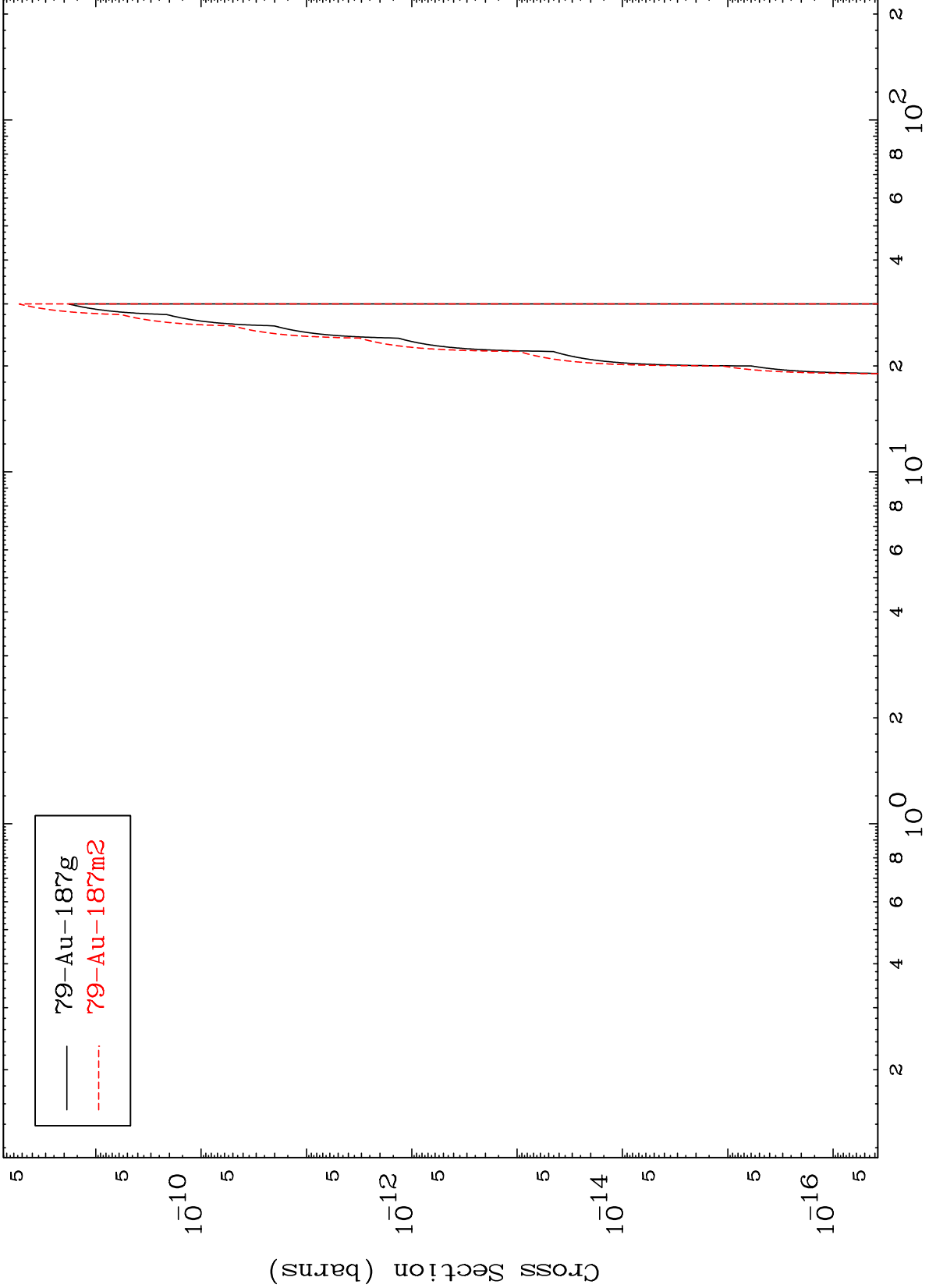


MAT 8198

$(n,2n) 2\alpha$

82-Pb-195

Radionuclide Production Cross Section



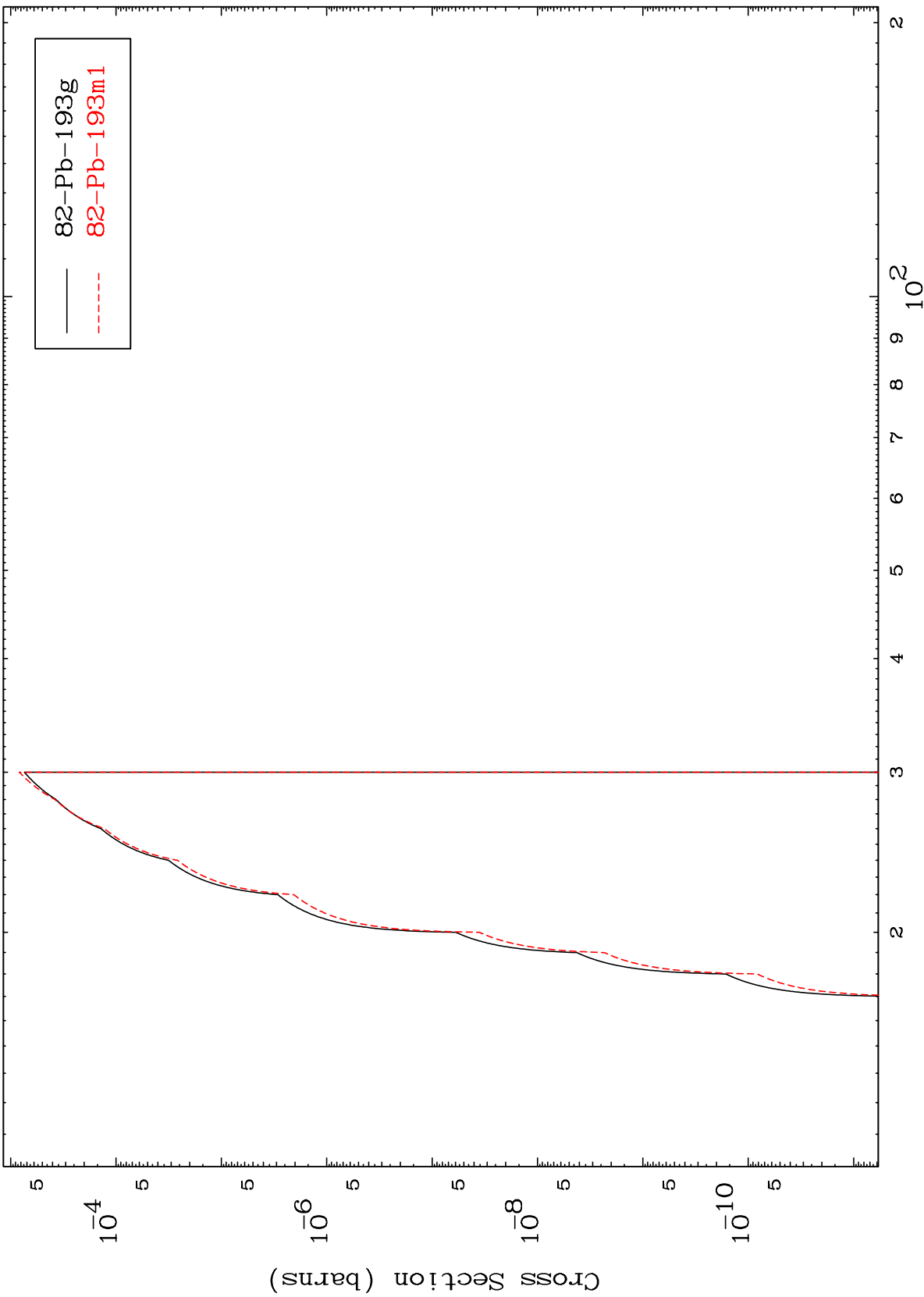
79-Au-187g
79-Au-187m2

MAT 8198

(n,n') t

82-Pb-195

Radionuclide Production Cross Section



23

Incident Energy (MeV)

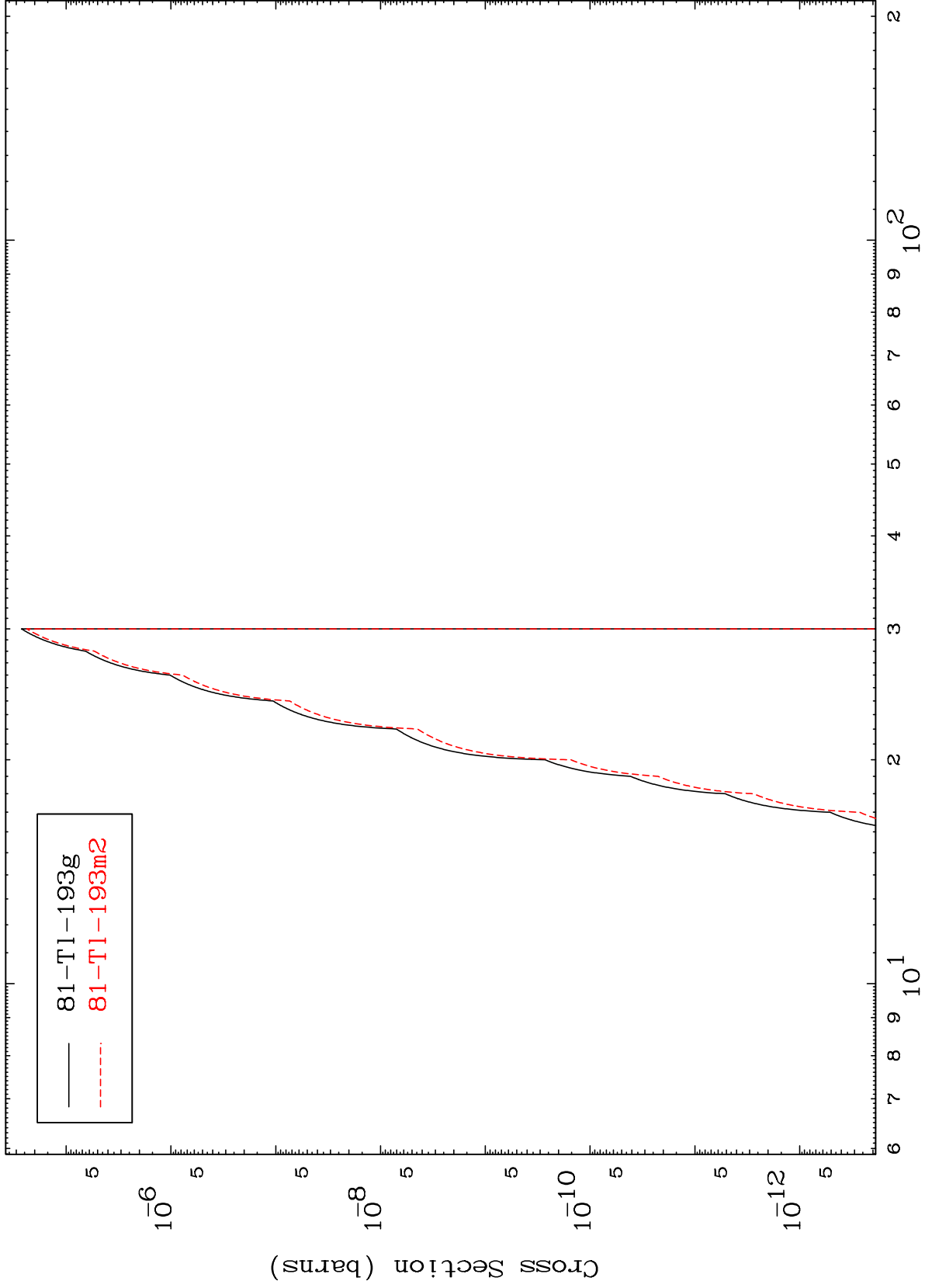
82-Pb-195

MAT 8198

(n,n') He-3

82-Pb-195

Radionuclide Production Cross Section



24

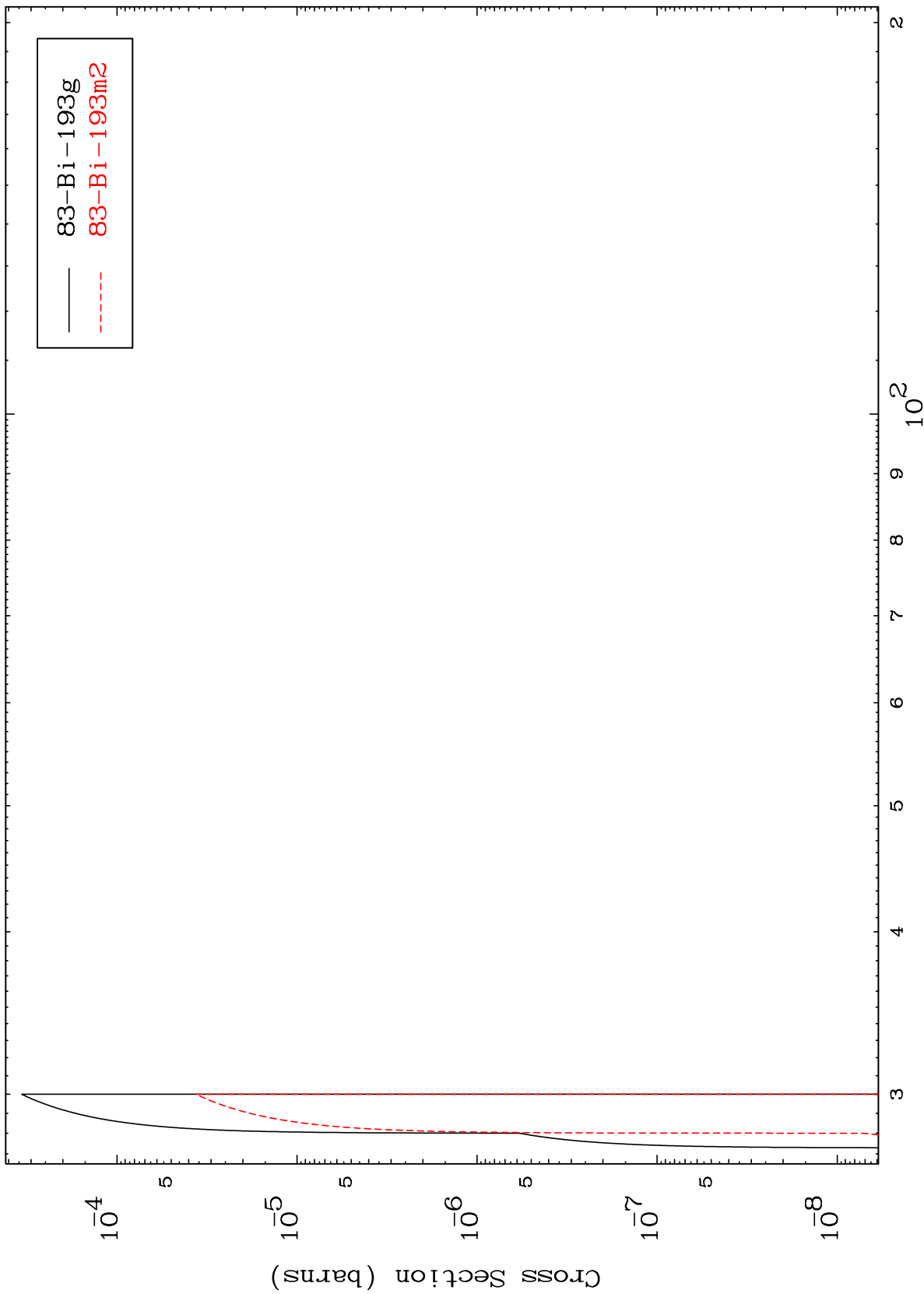
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n,4n)
Radionuclide Production Cross Section



25

82-Pb-195

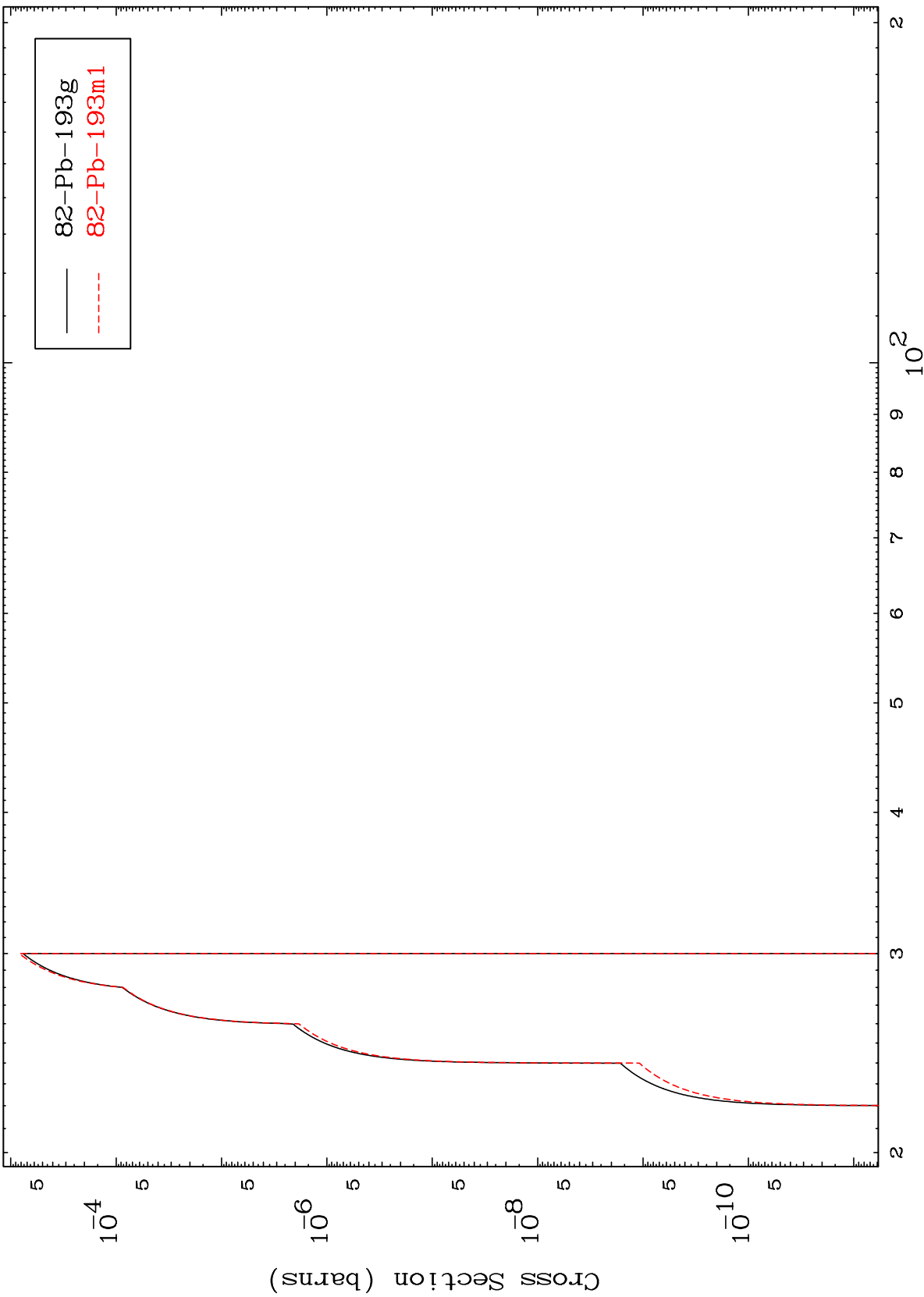
Incident Energy (MeV)

MAT 8198

(n,3n) p

82-Pb-195

Radionuclide Production Cross Section



26

Incident Energy (MeV)

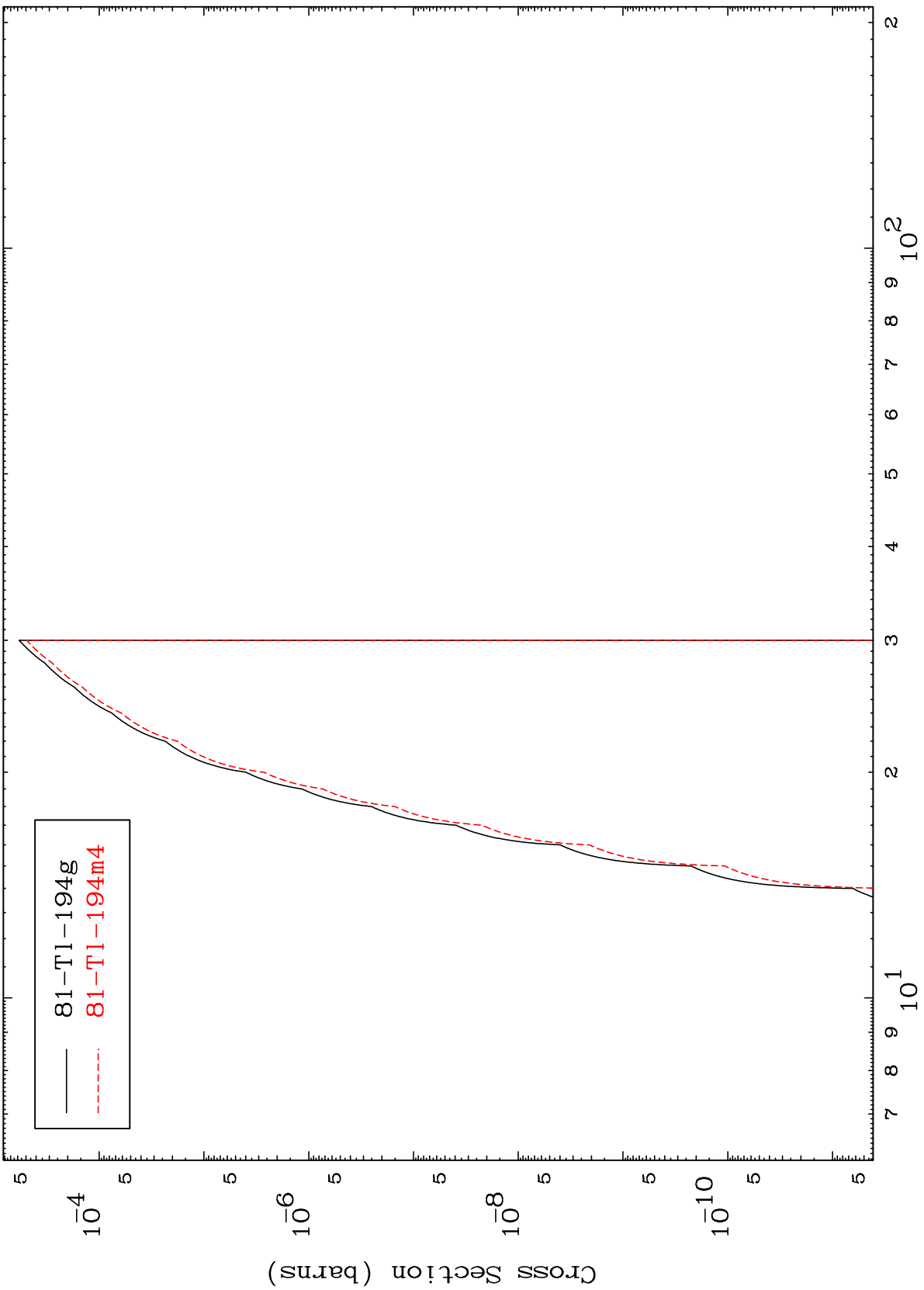
82-Pb-195

MAT 8198

(n,2n) p

82-Pb-195

Radionuclide Production Cross Section



27

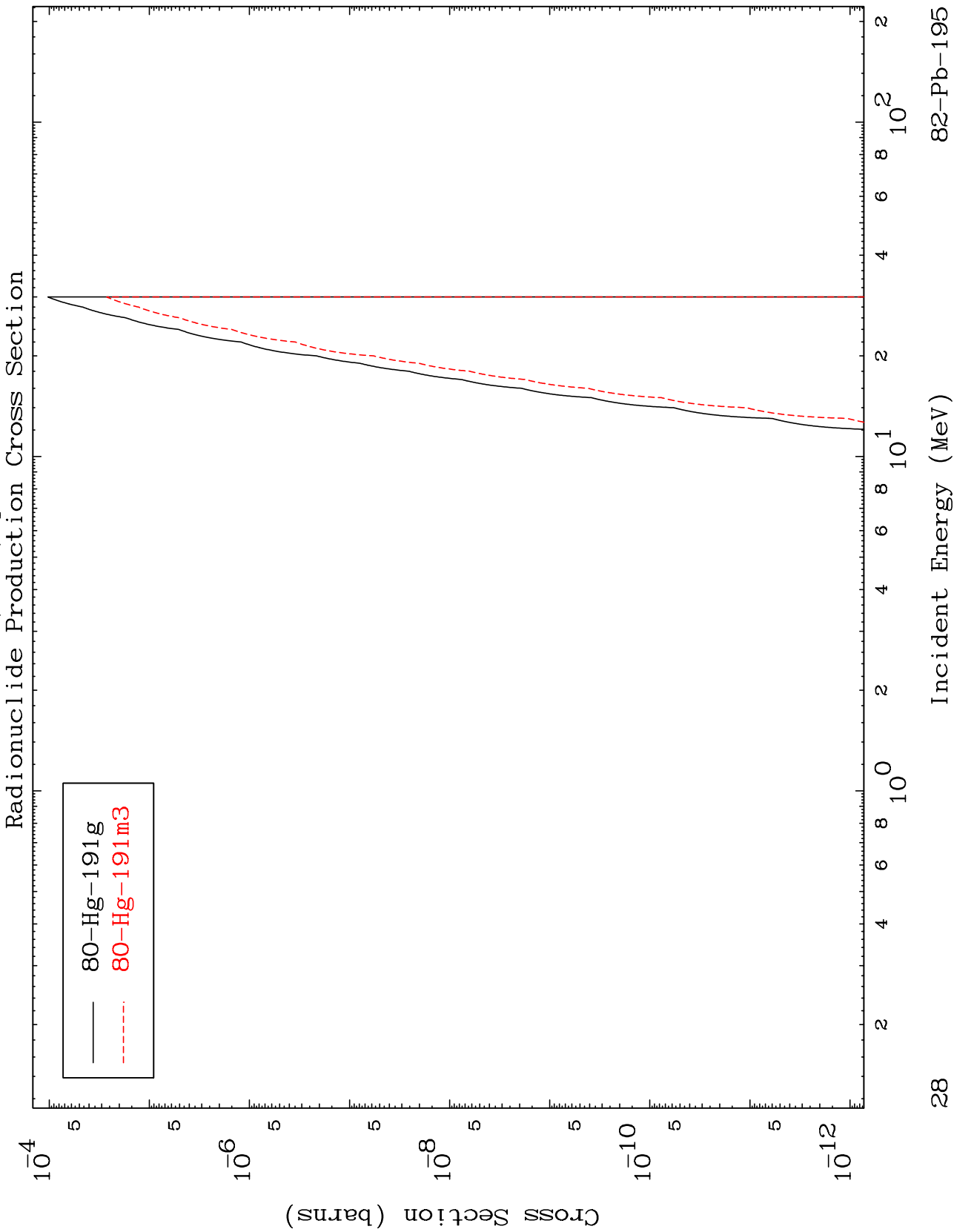
Incident Energy (MeV)

82-Pb-195

MAT 8198

(n,n') p α

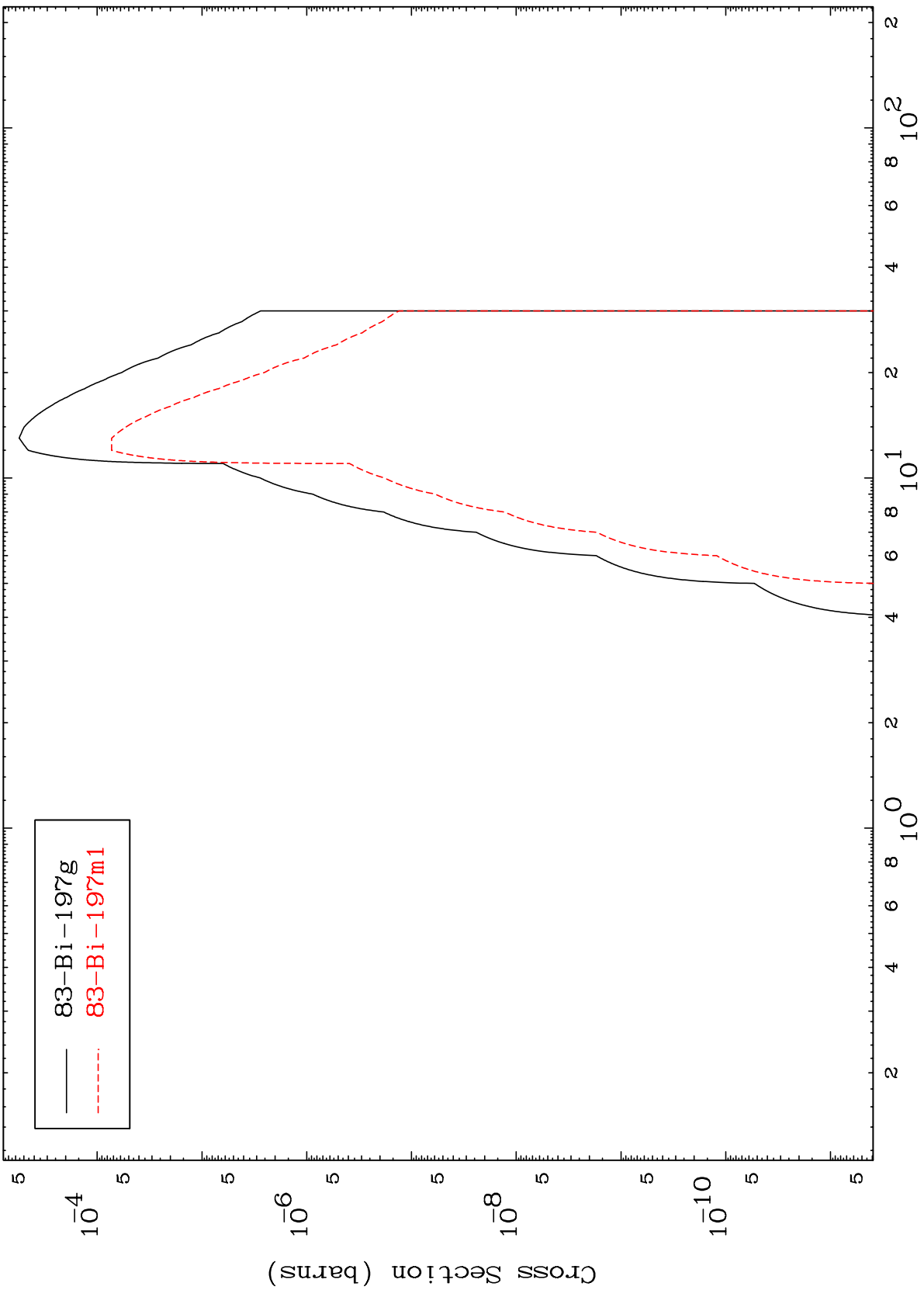
82-Pb-195



MAT 8198

82-Pb-195

(n, γ)
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

82-Pb-195

Incident Energy (MeV)

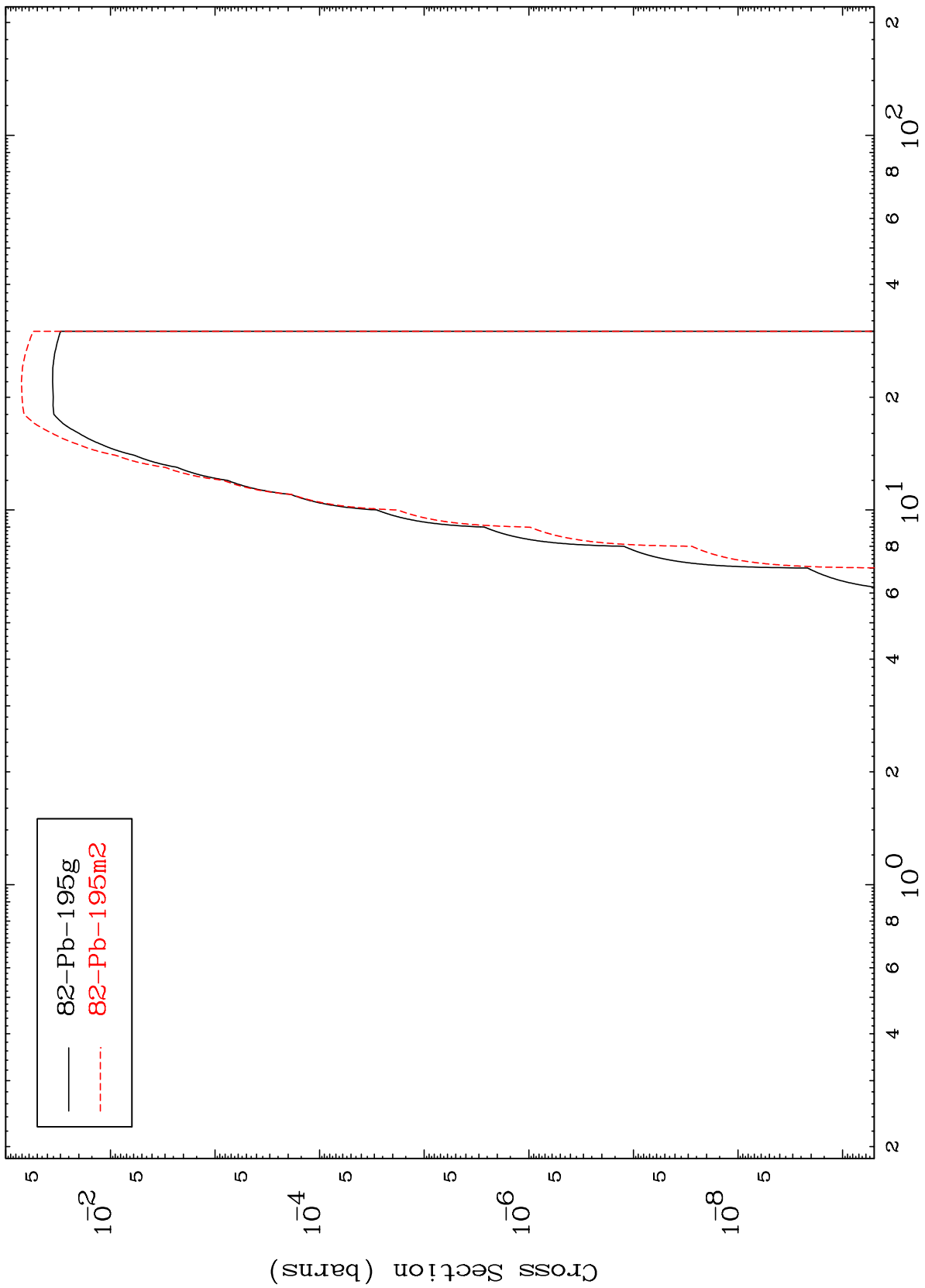
29

MAT 8198

(n,d)

82-Pb-195

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

30

Incident Energy (MeV)

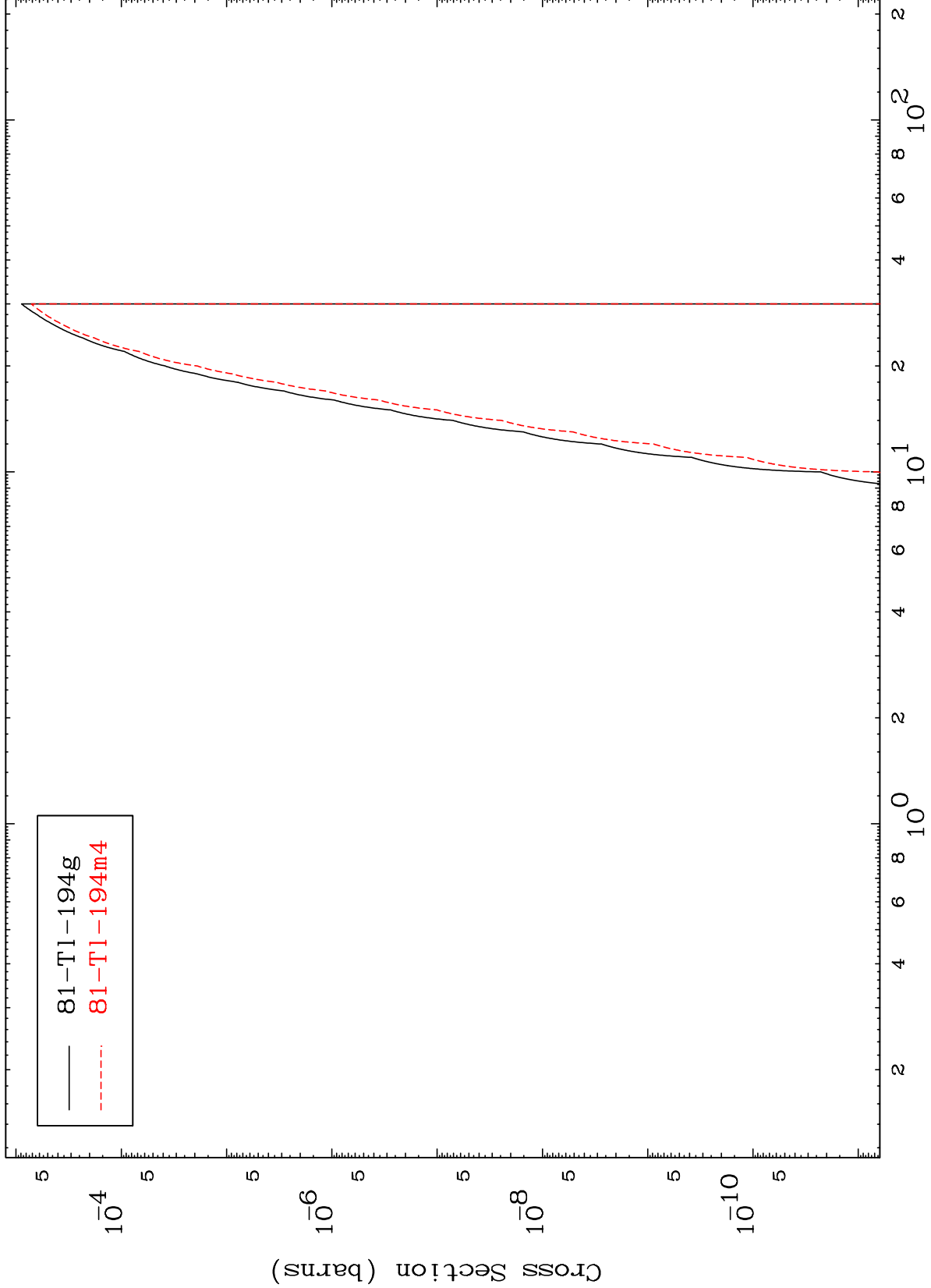
82-Pb-195

MAT 8198

(n,He-3)

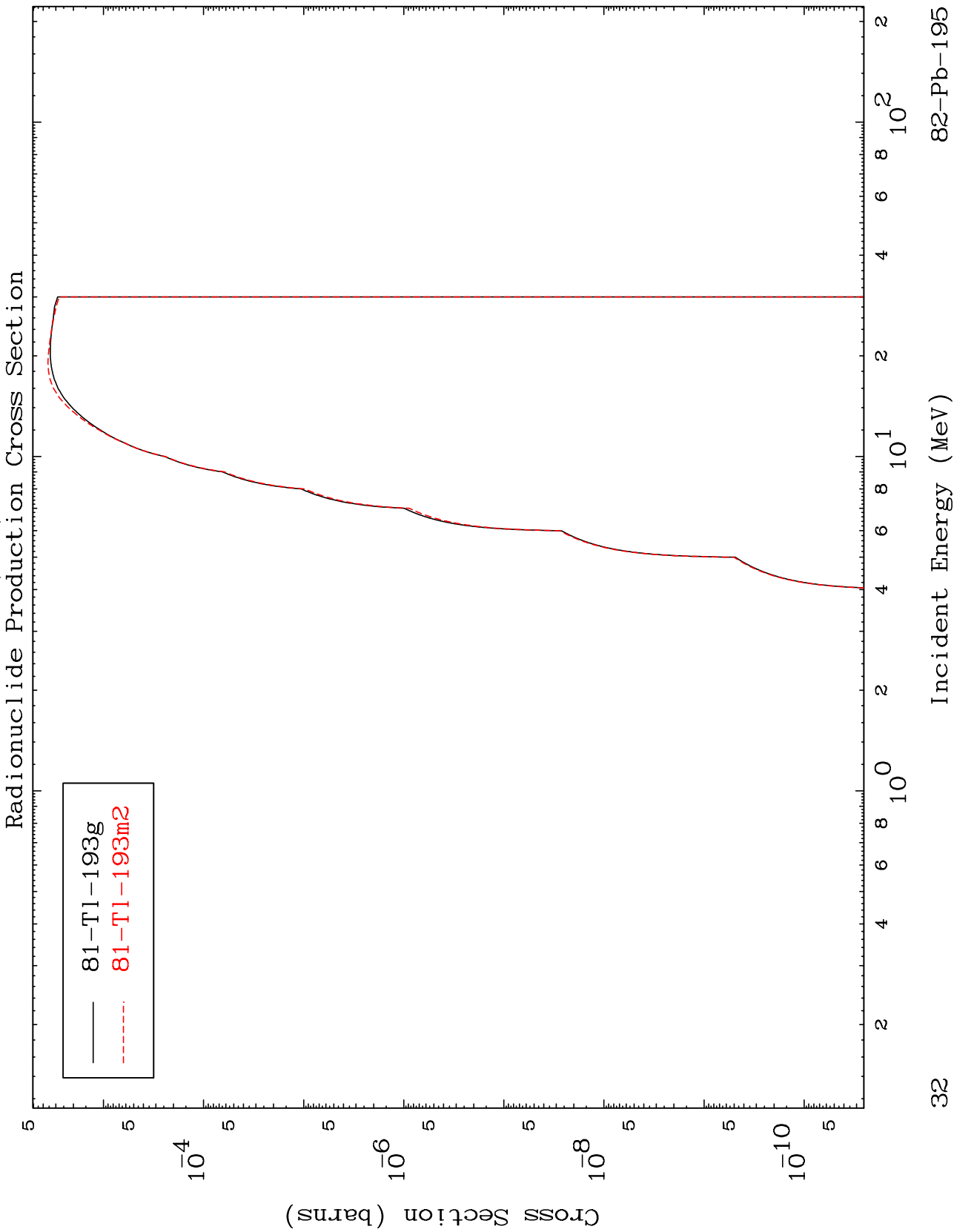
82-Pb-195

Radionuclide Production Cross Section



MAT 8198

82-Pb-195

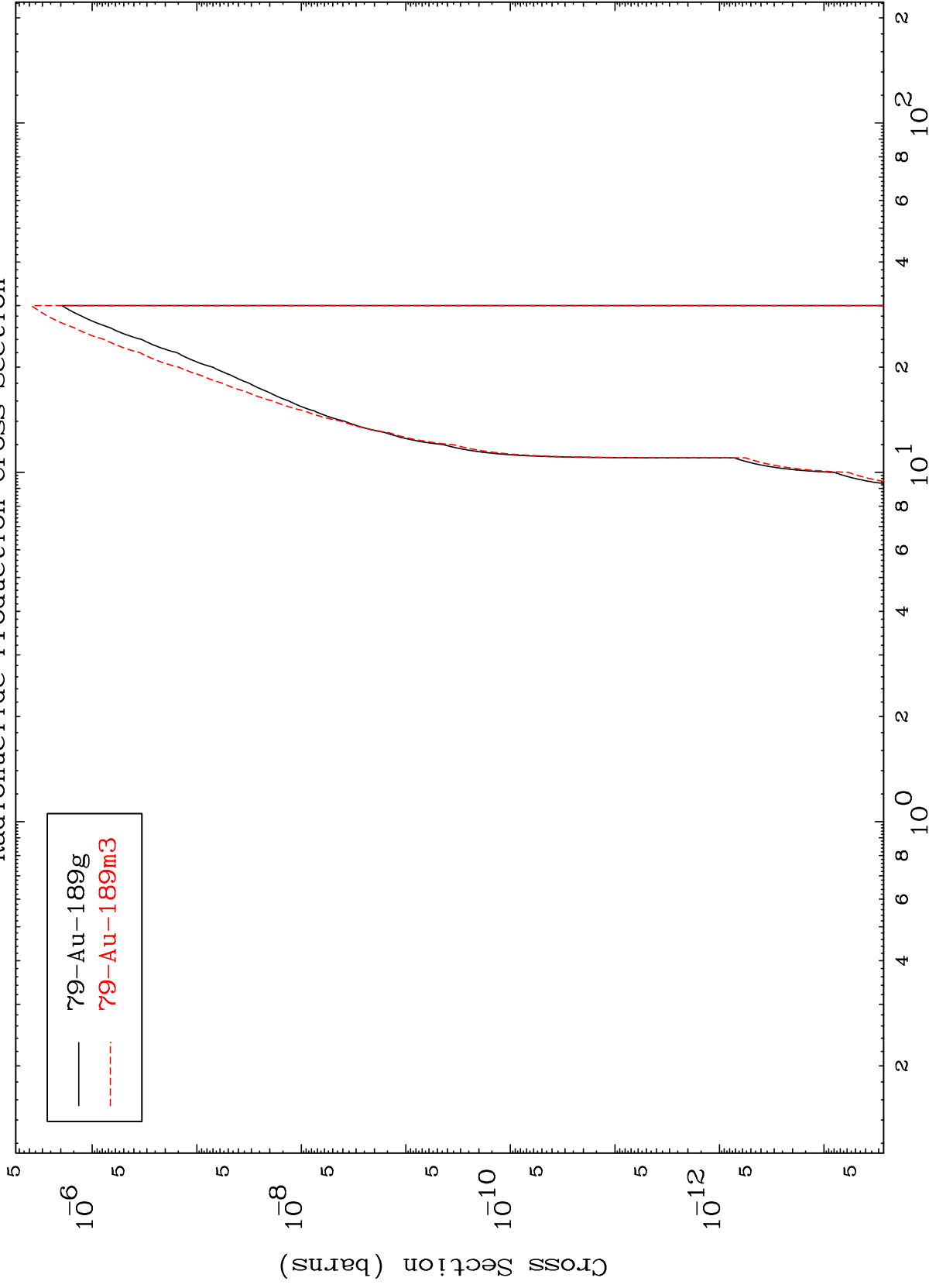


MAT 8198

(n,2α)

82-Pb-195

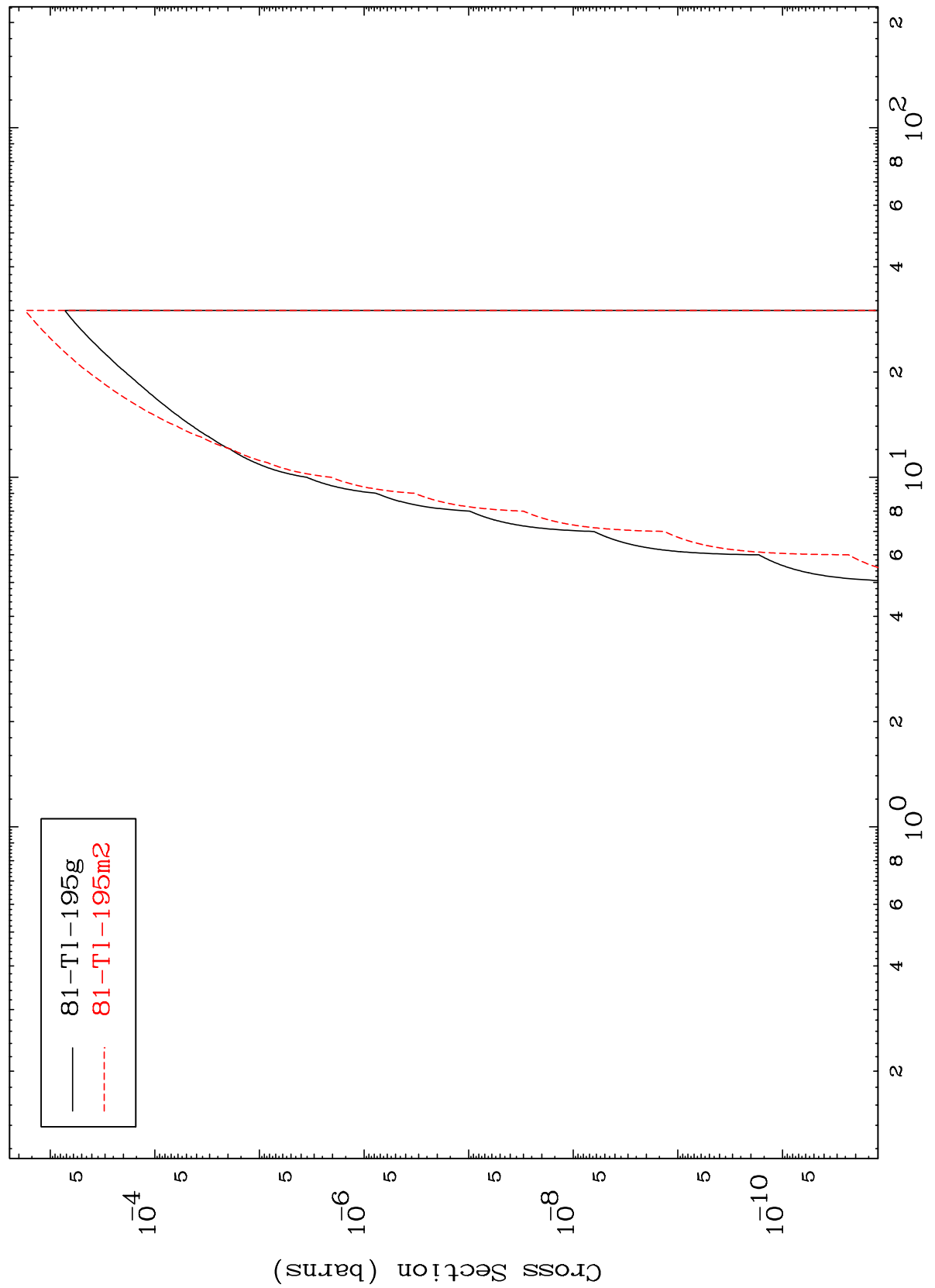
Radionuclide Production Cross Section



MAT 8198

82-Pb-195

Radionuclide Production Cross Section
(n,2p)

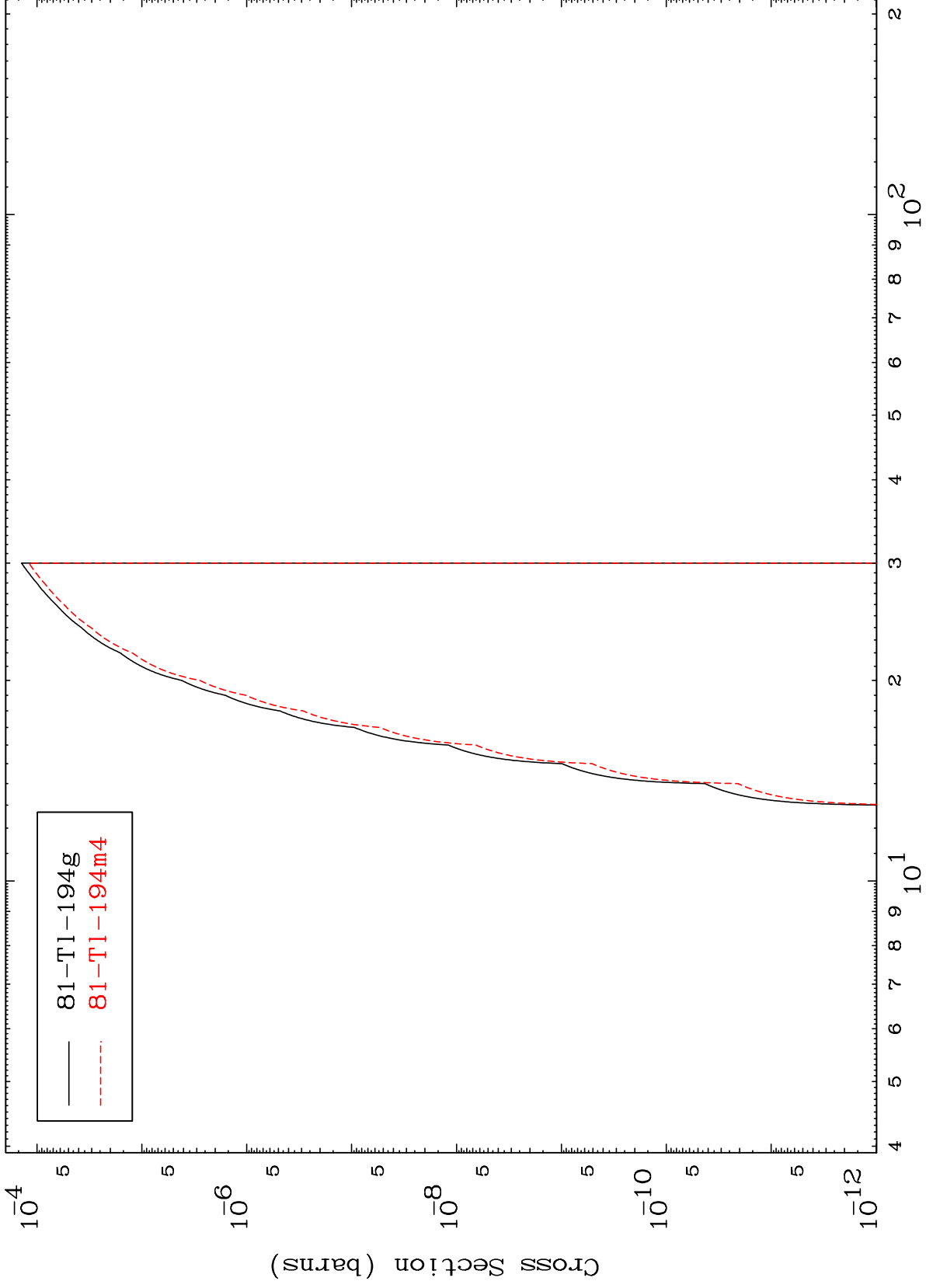


MAT 8198

(n,p) d

82-Pb-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

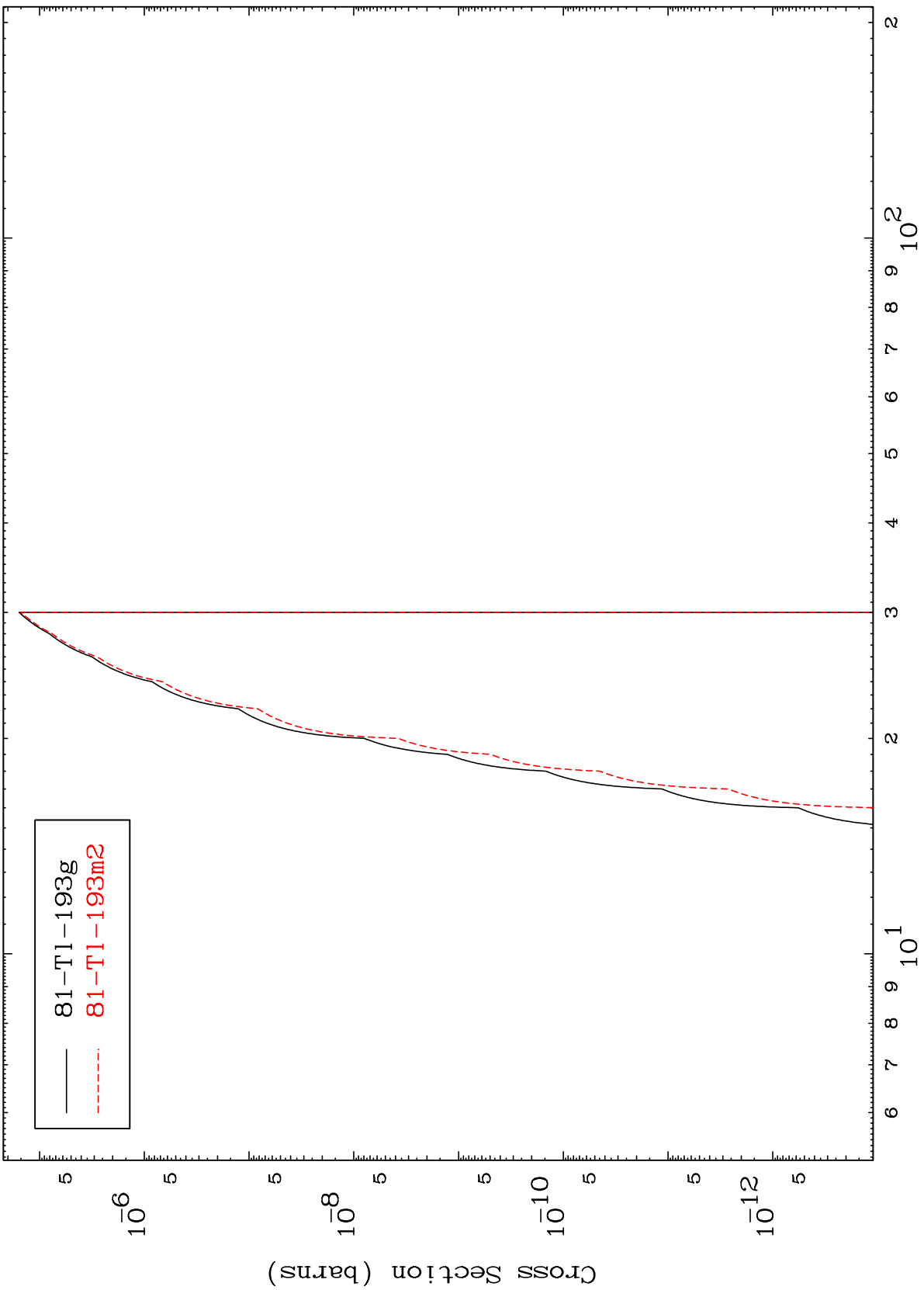
82-Pb-195

MAT 8198

(n,p) t

82-Pb-195

Radionuclide Production Cross Section



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

36

Incident Energy (MeV)

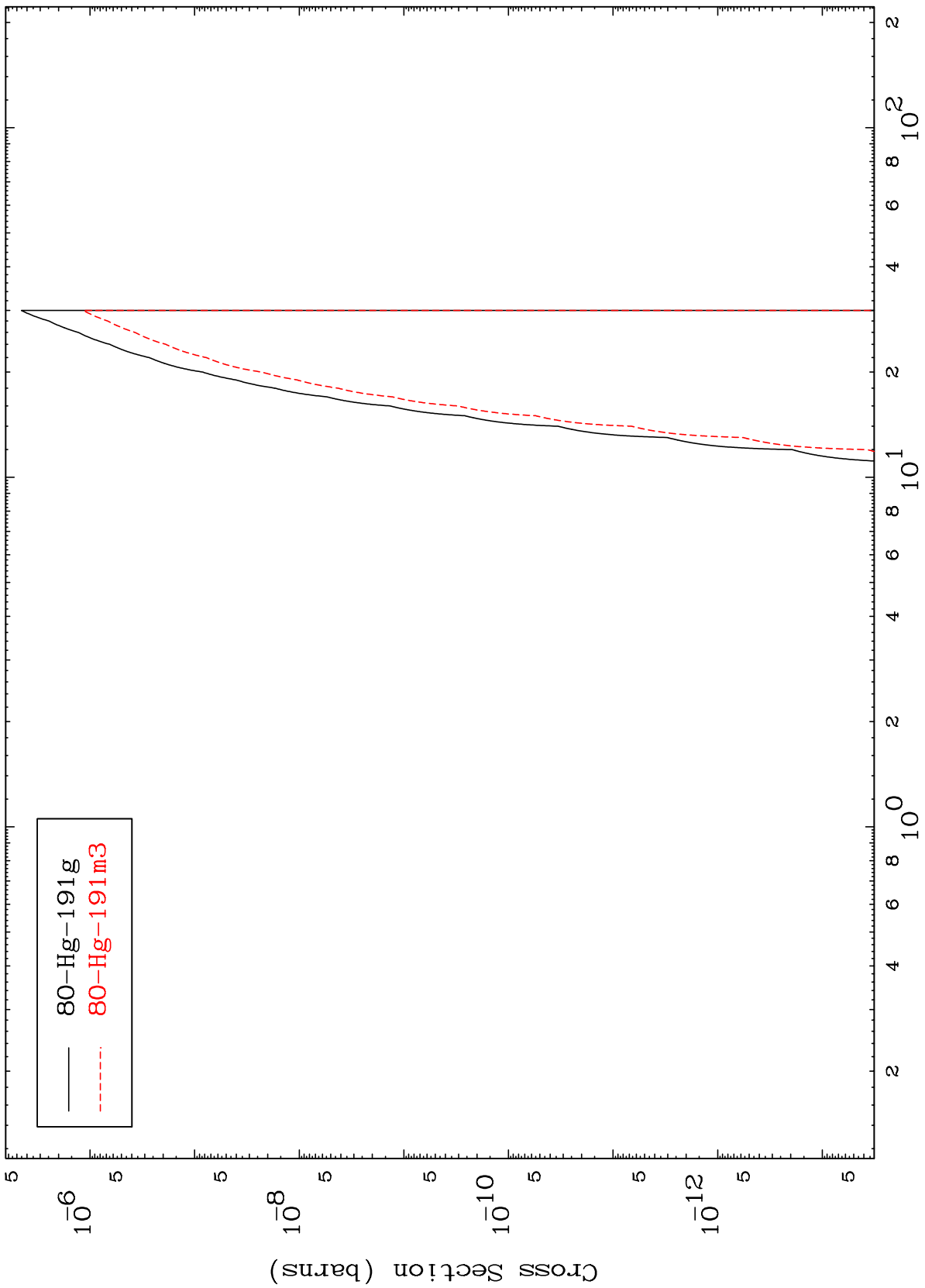
82-Pb-195

MAT 8198

(n,d) α

82-Pb-195

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3