

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

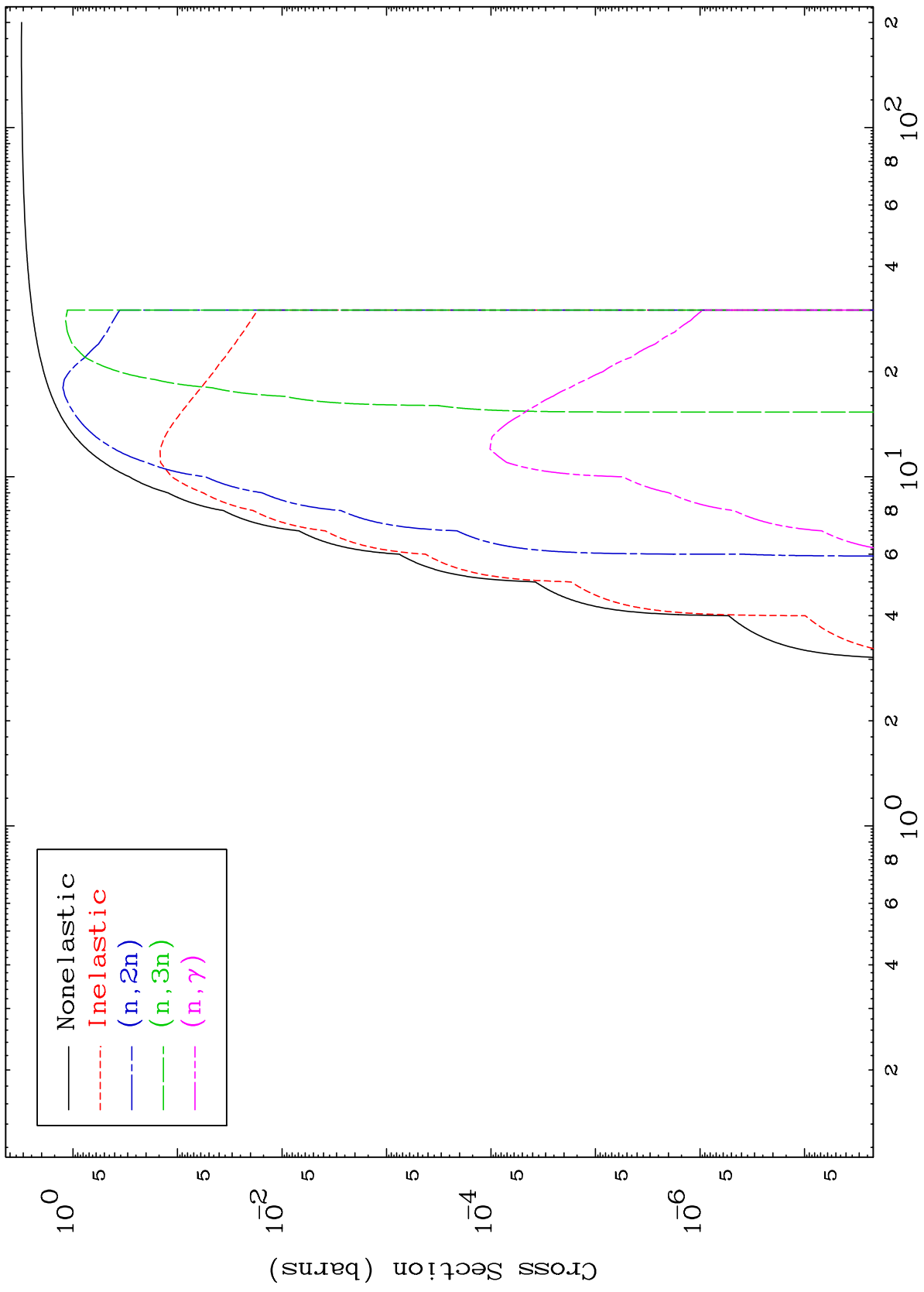
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Web:redcullen1.net/HOMEPAGE.NEW

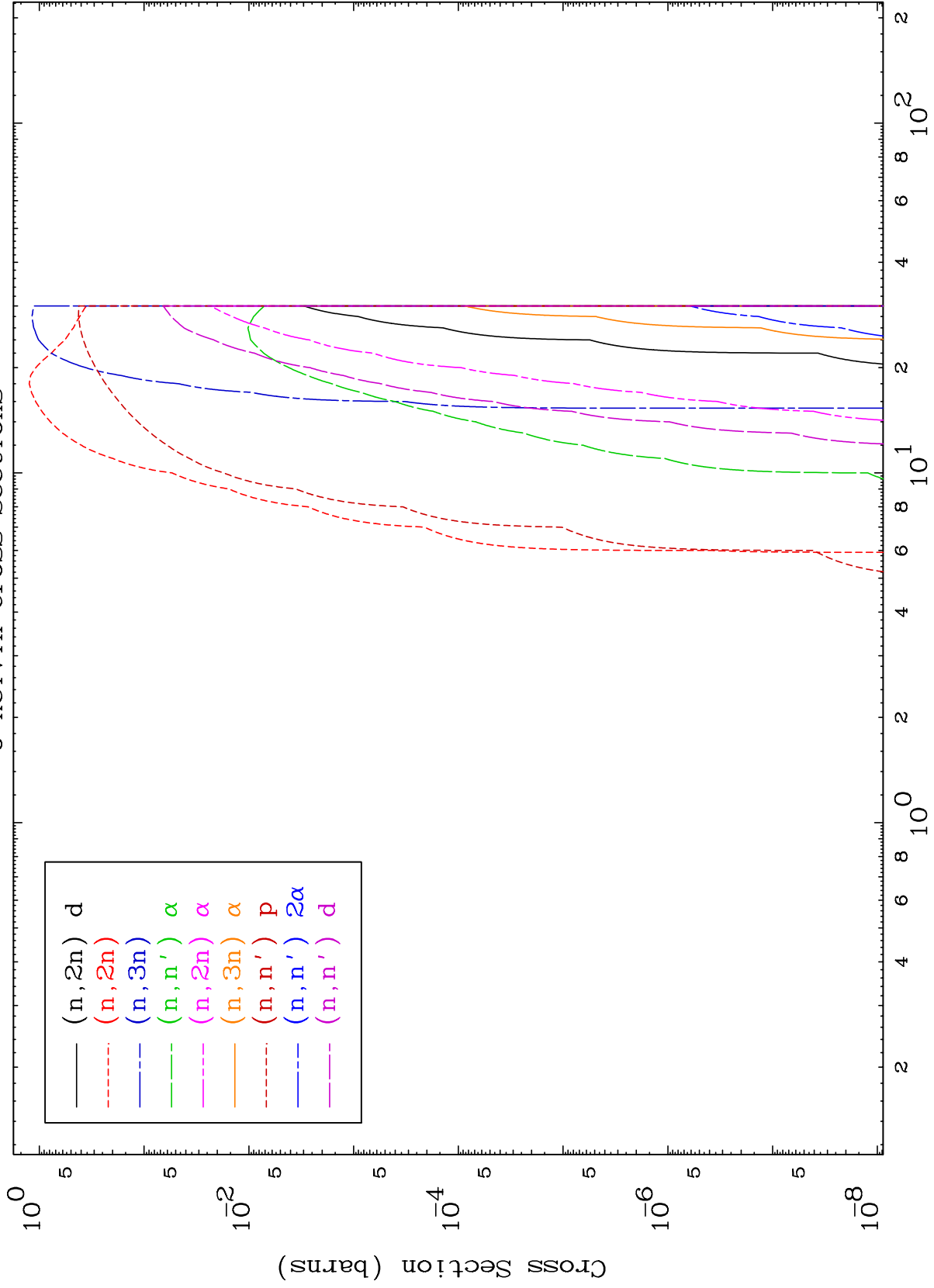
Press Mouse Button to Start

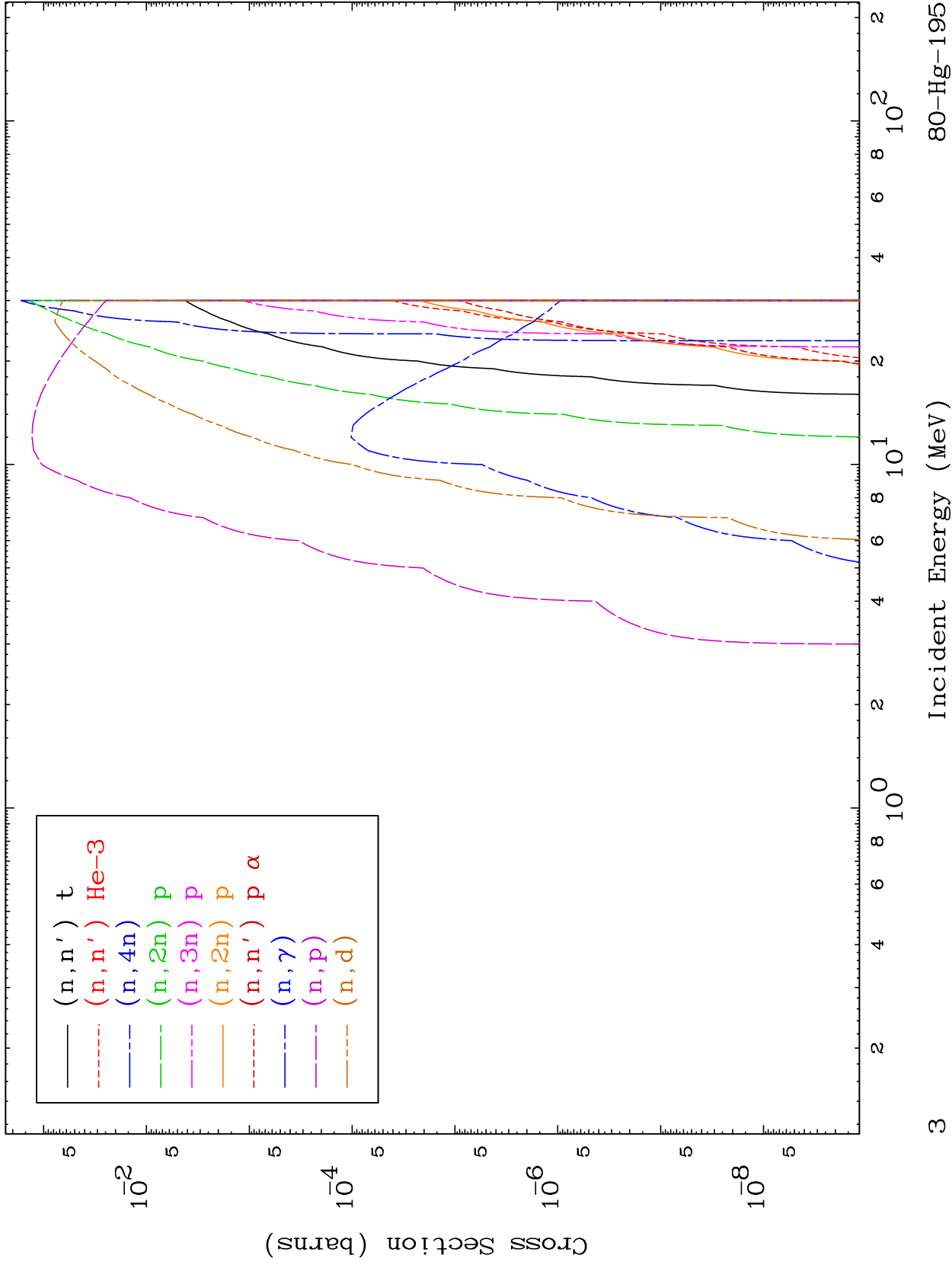


MAT 8022

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-195

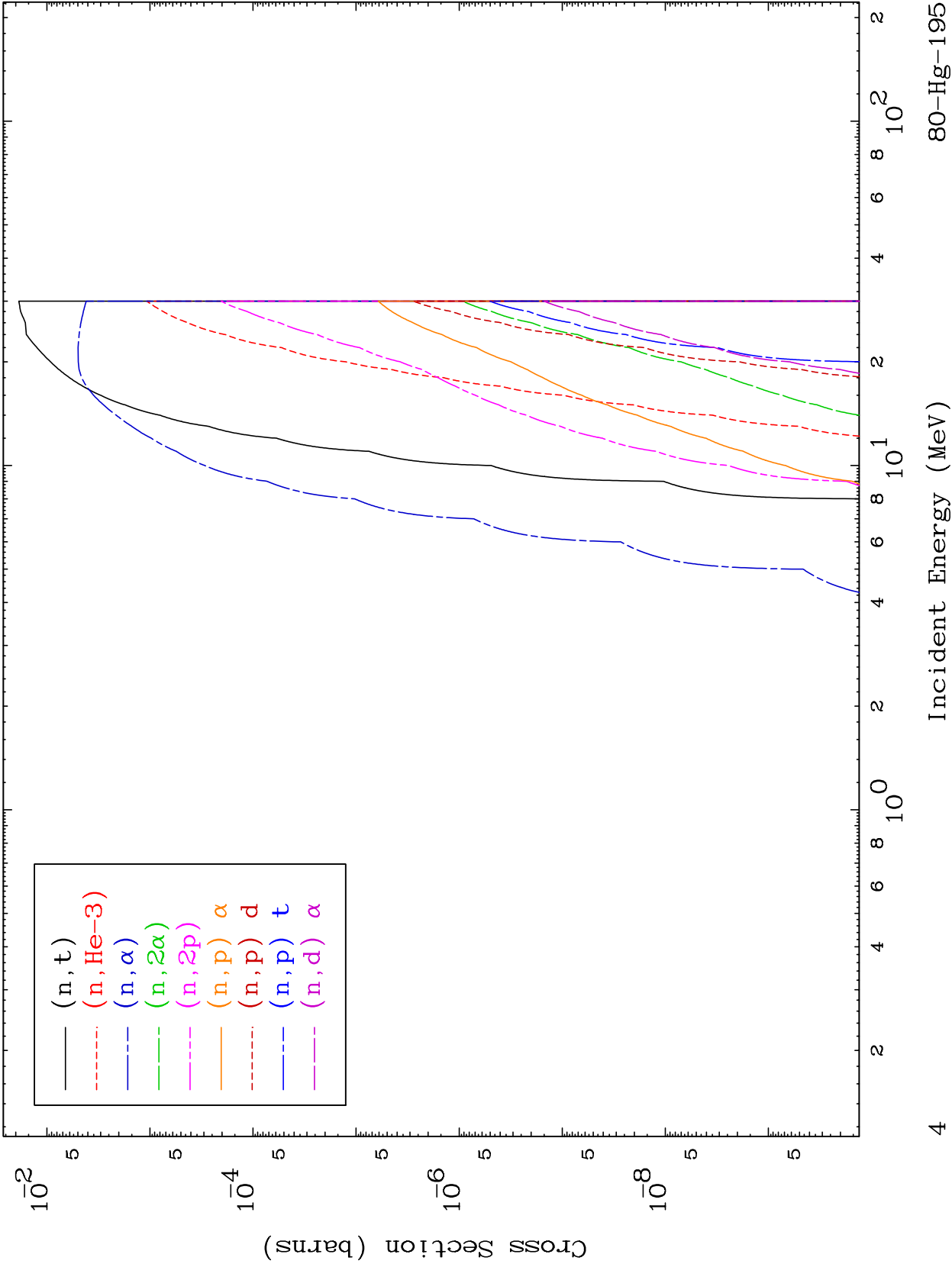


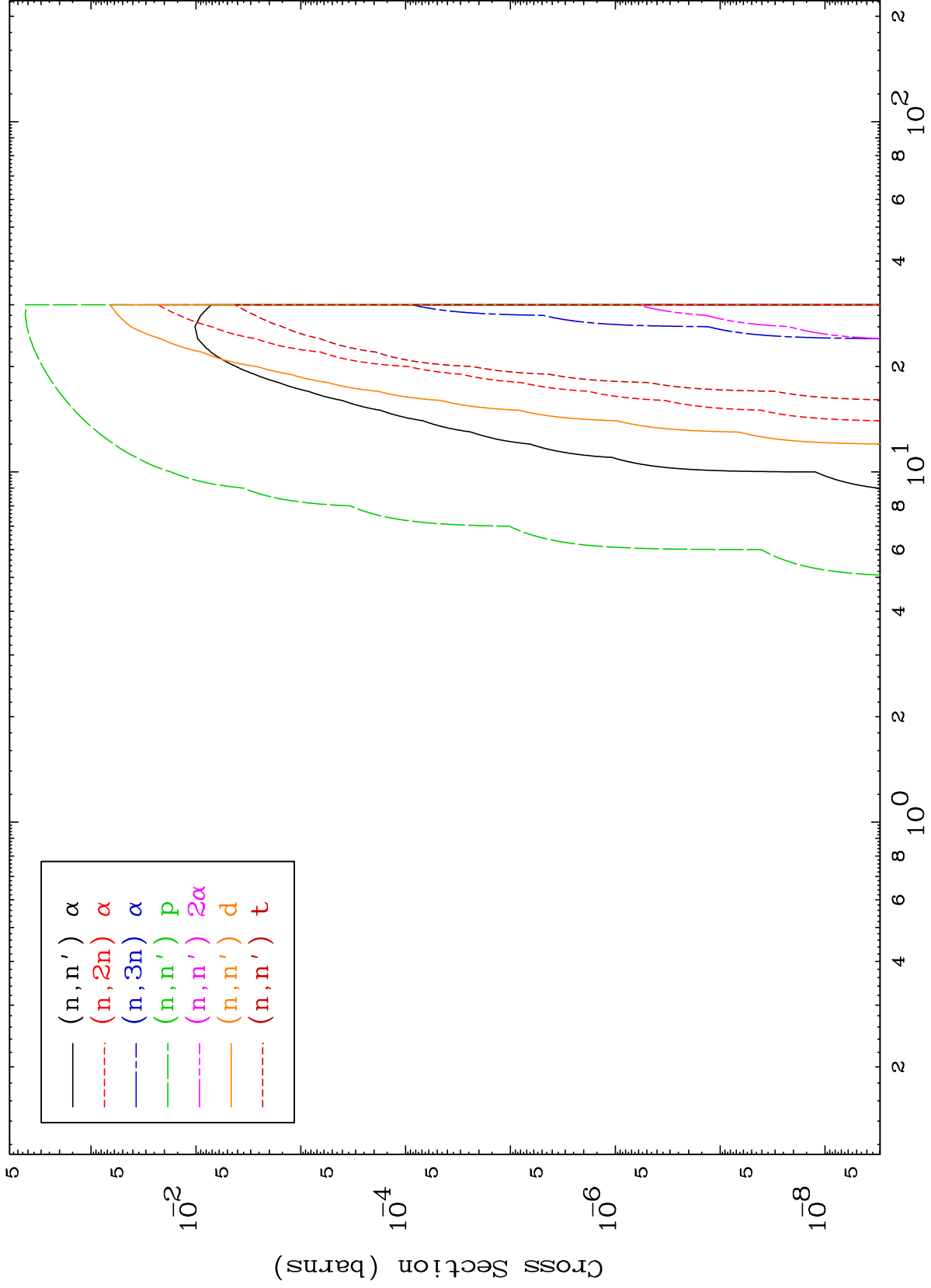


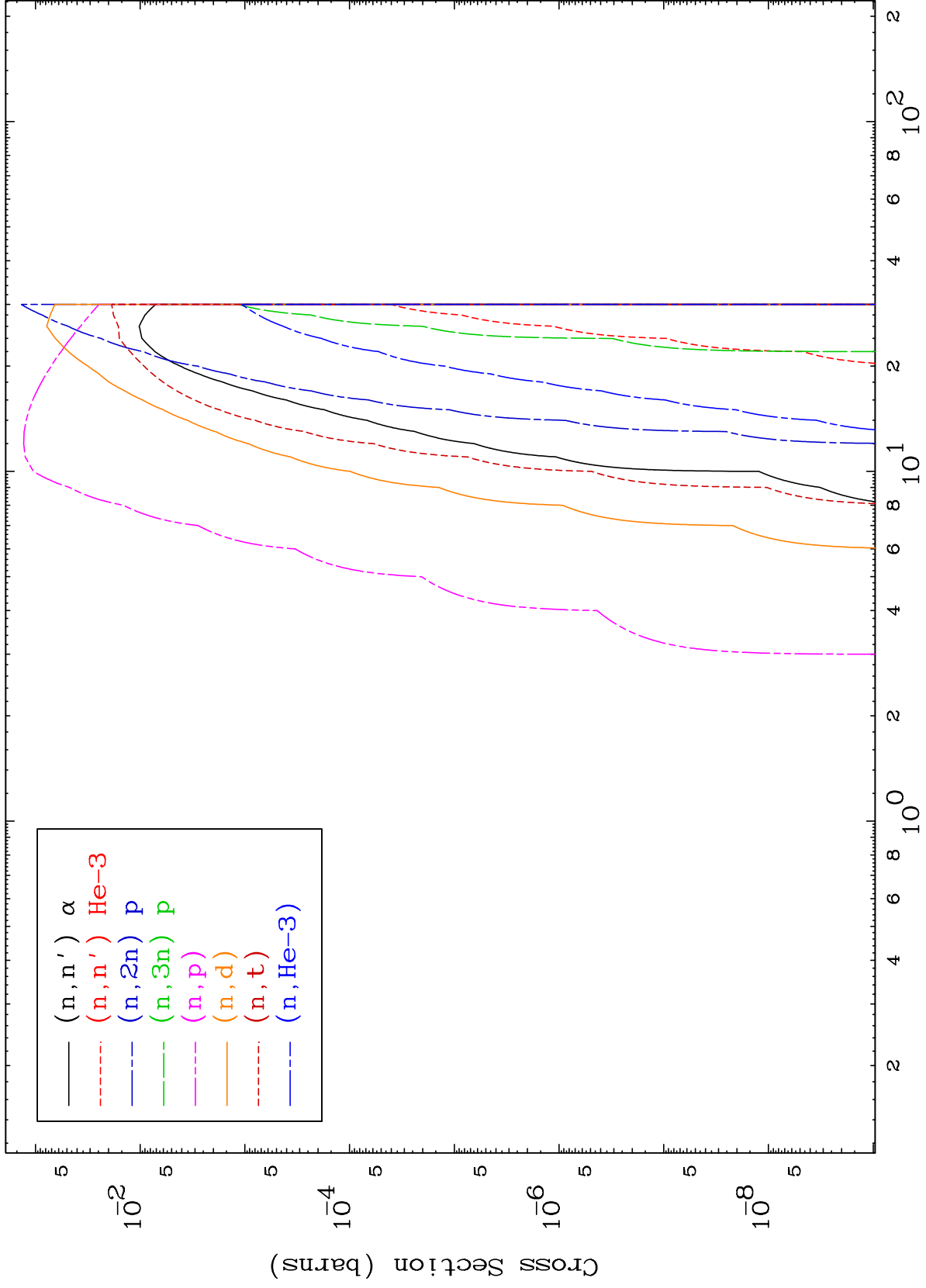
MAT 80222

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-195



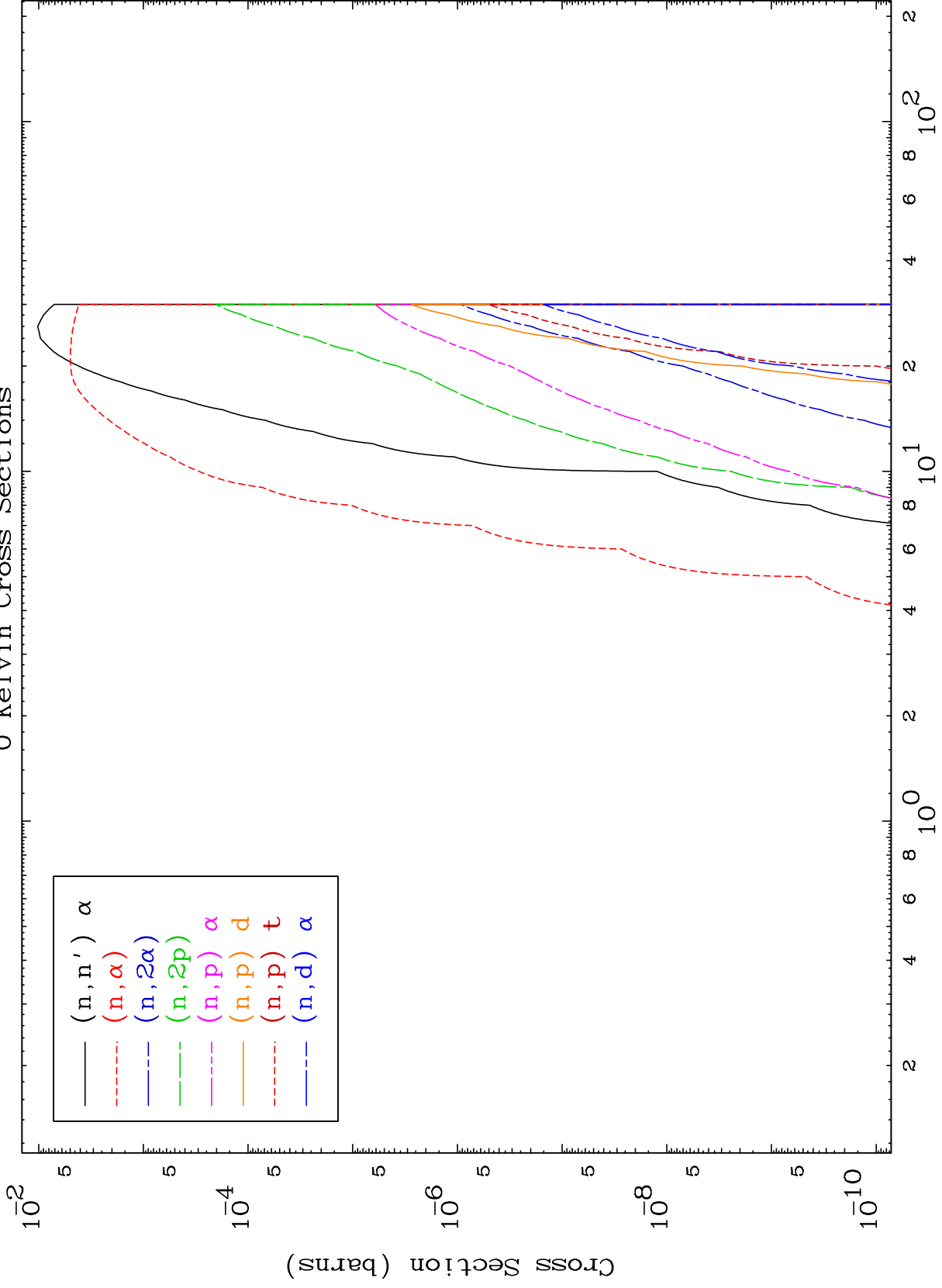




MAT 8022

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-195

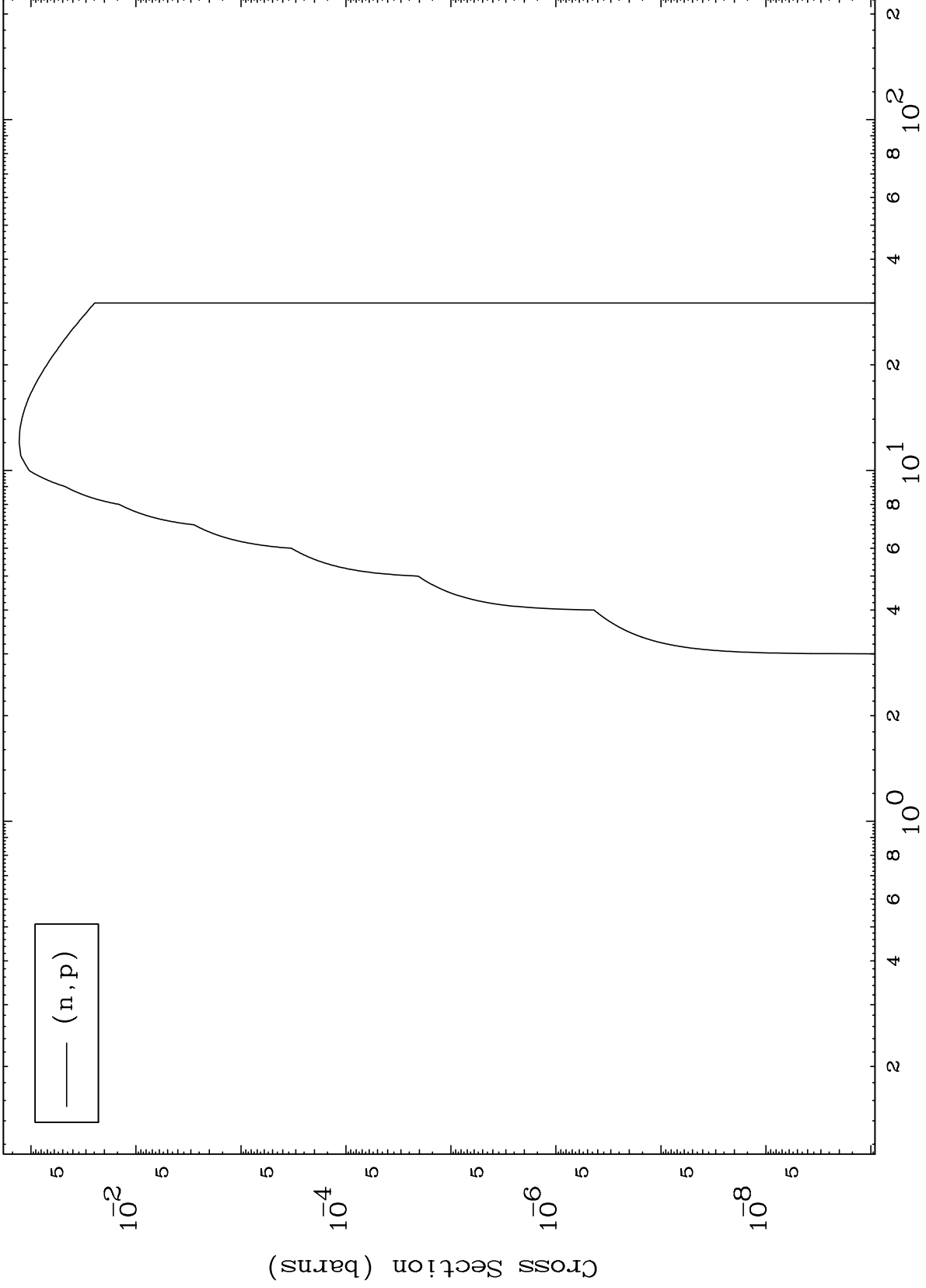


MAT 8022

(d,p) Levels

80-Hg-195

0 Kelvin Cross Sections

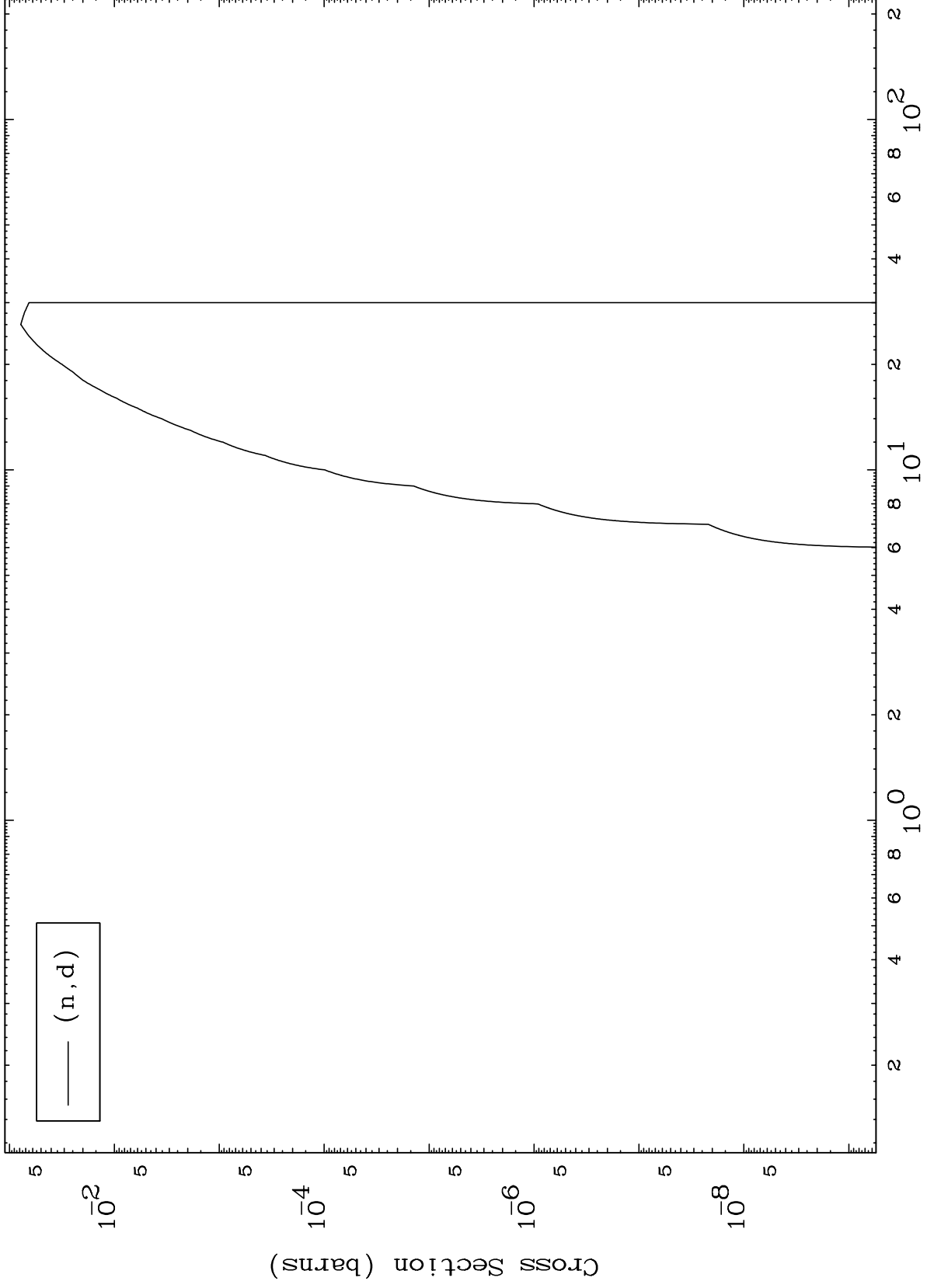


MAT 8022

(d,d) Levels

80-Hg-195

0 Kelvin Cross Sections

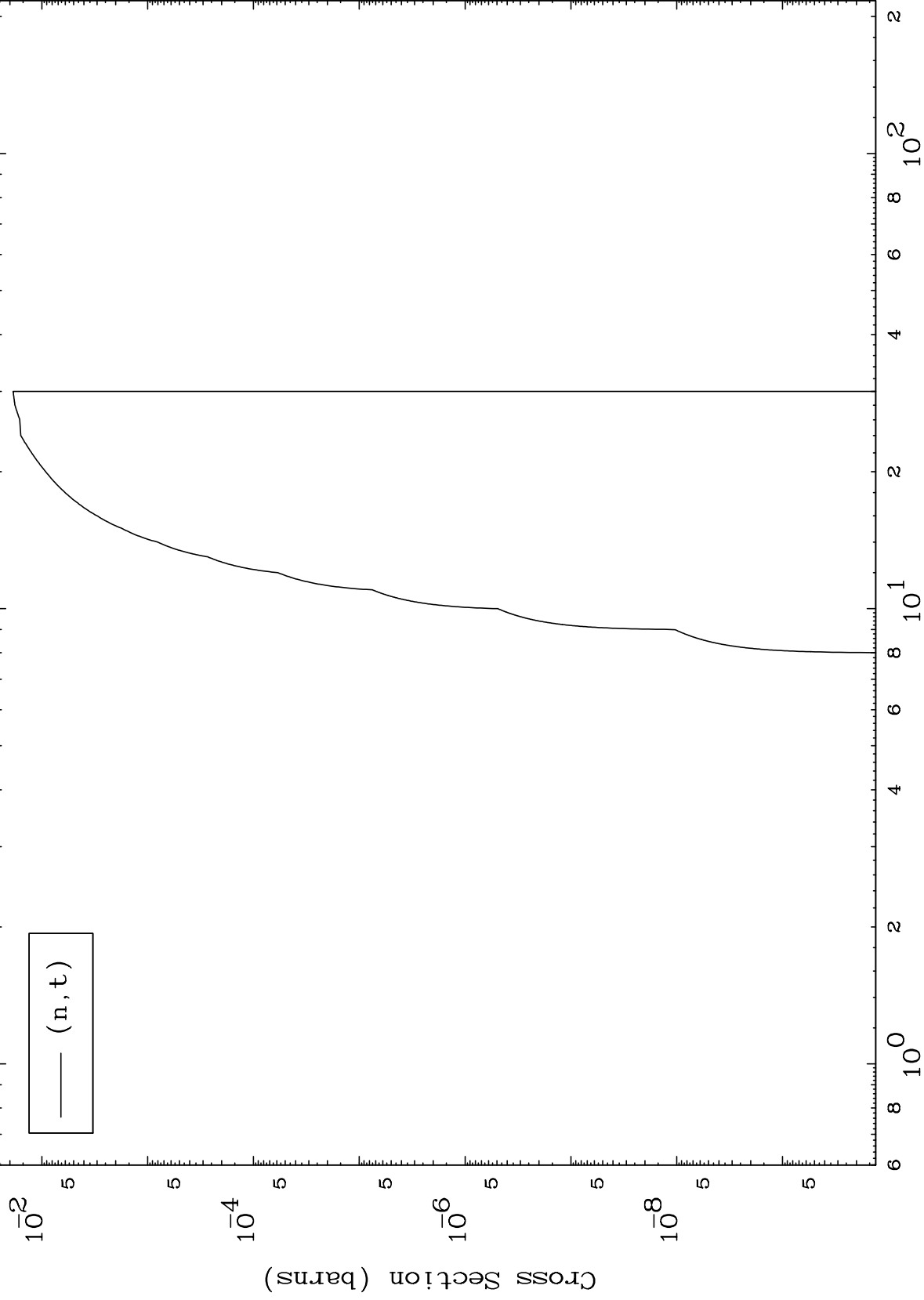


MAT 8022

(d, t) Levels

80-Hg-195

0 Kelvin Cross Sections



10

Incident Energy (MeV)

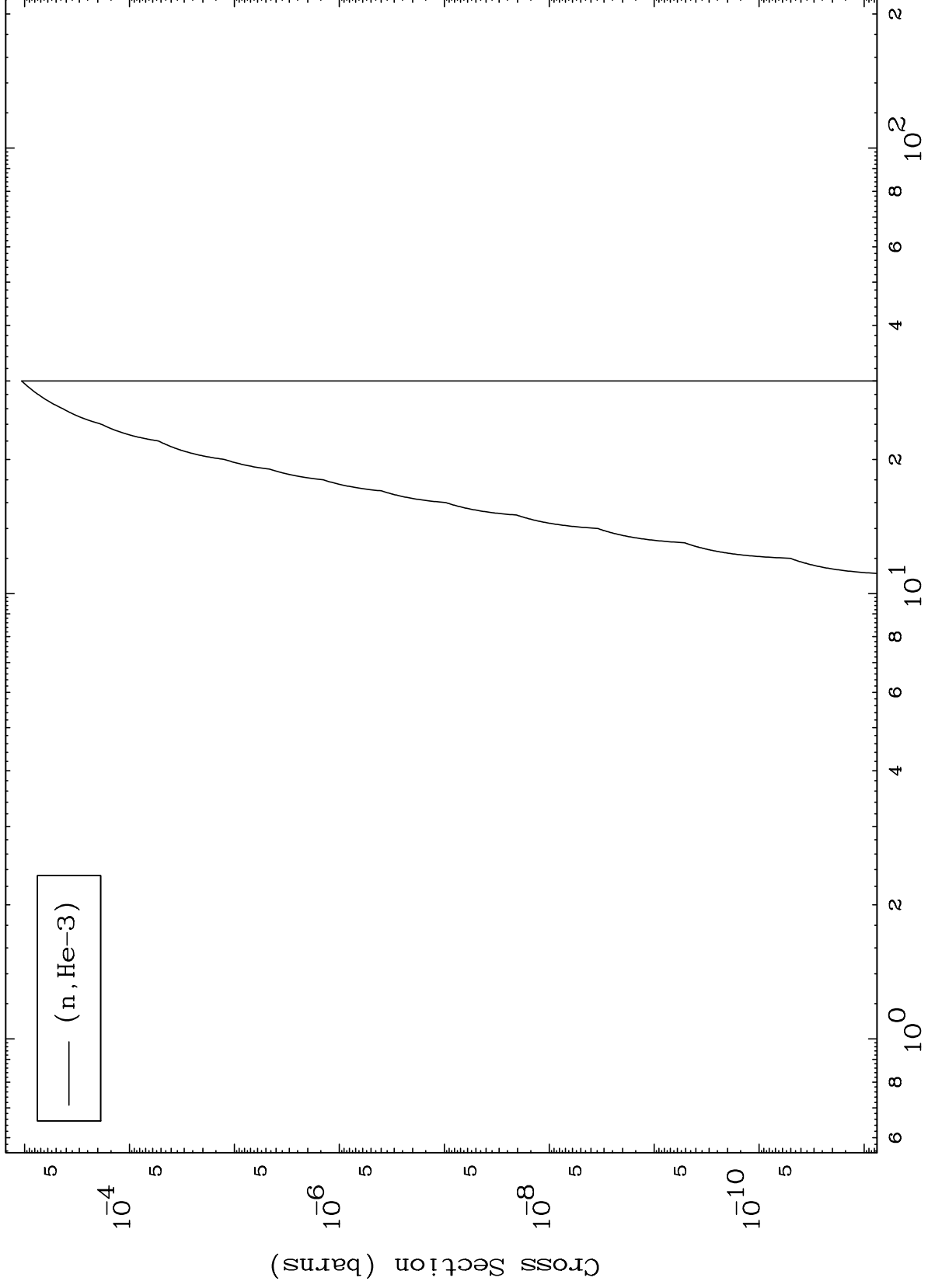
80-Hg-195

MAT 8022

(d,He3) Levels

80-Hg-195

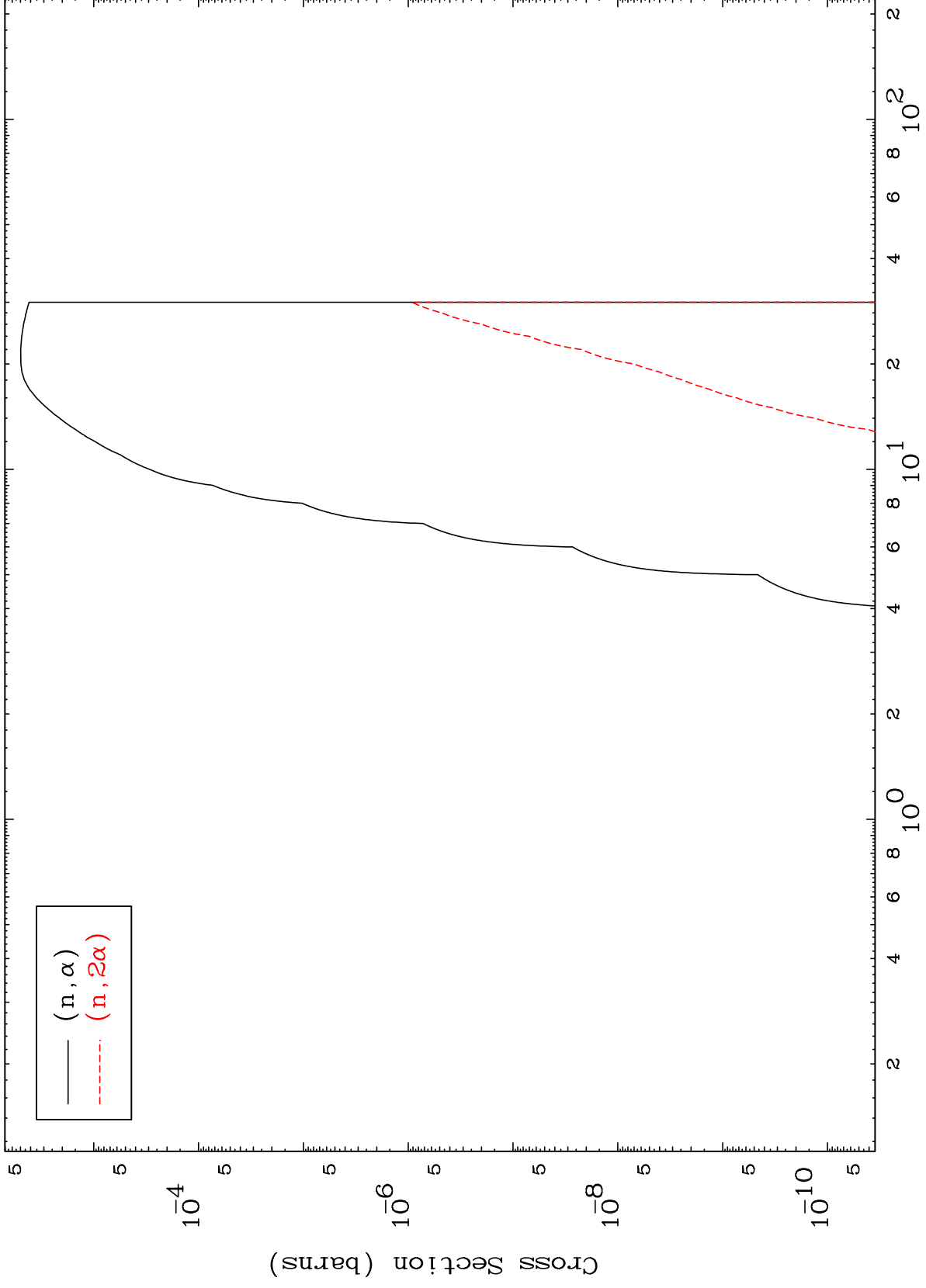
0 Kelvin Cross Sections



MAT 8022

(d, α) Levels
0 Kelvin Cross Sections

80-Hg-195



12

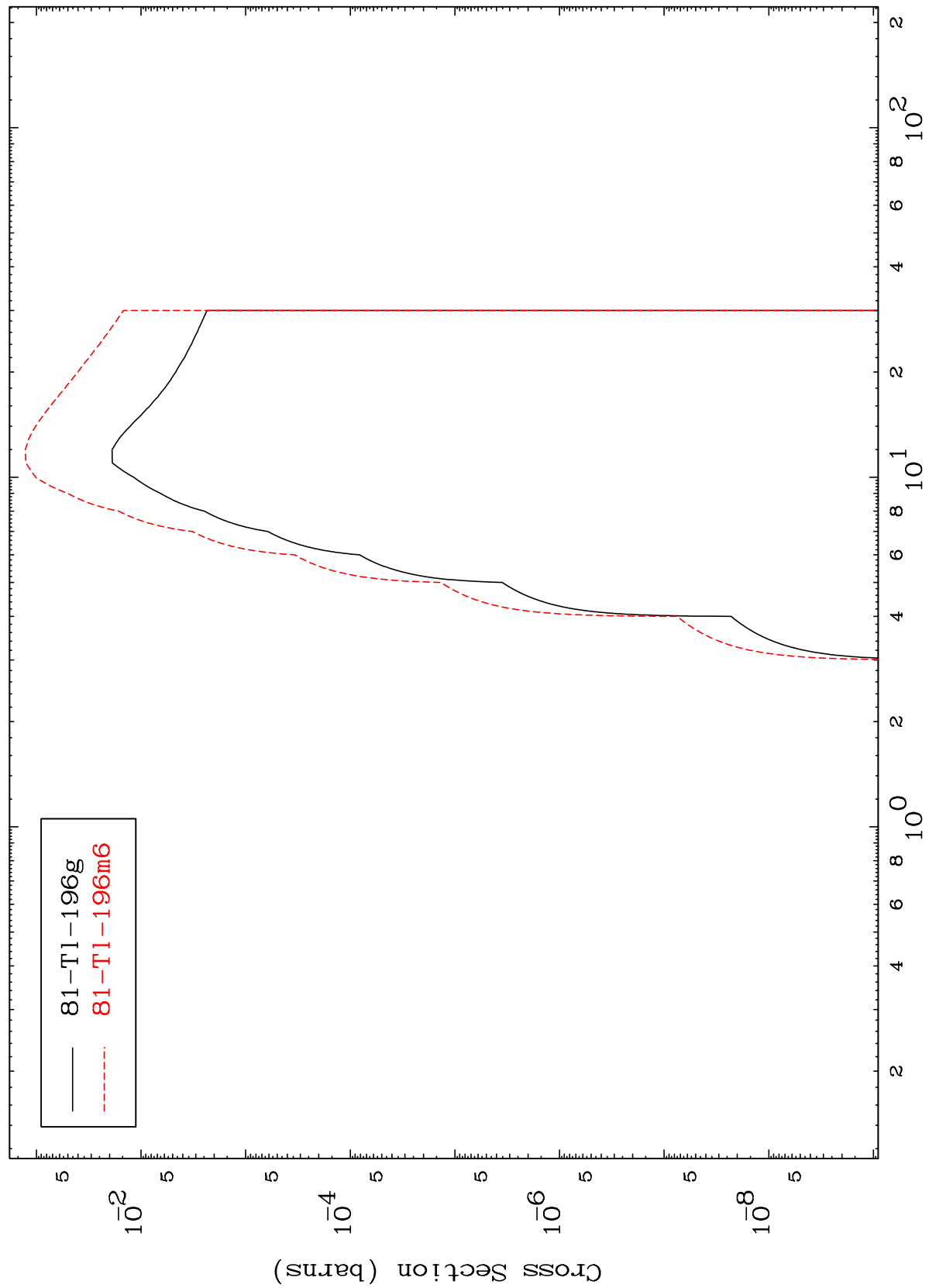
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

Inelastic
Radionuclide Production Cross Section



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

80-Hg-195

Incident Energy (MeV)

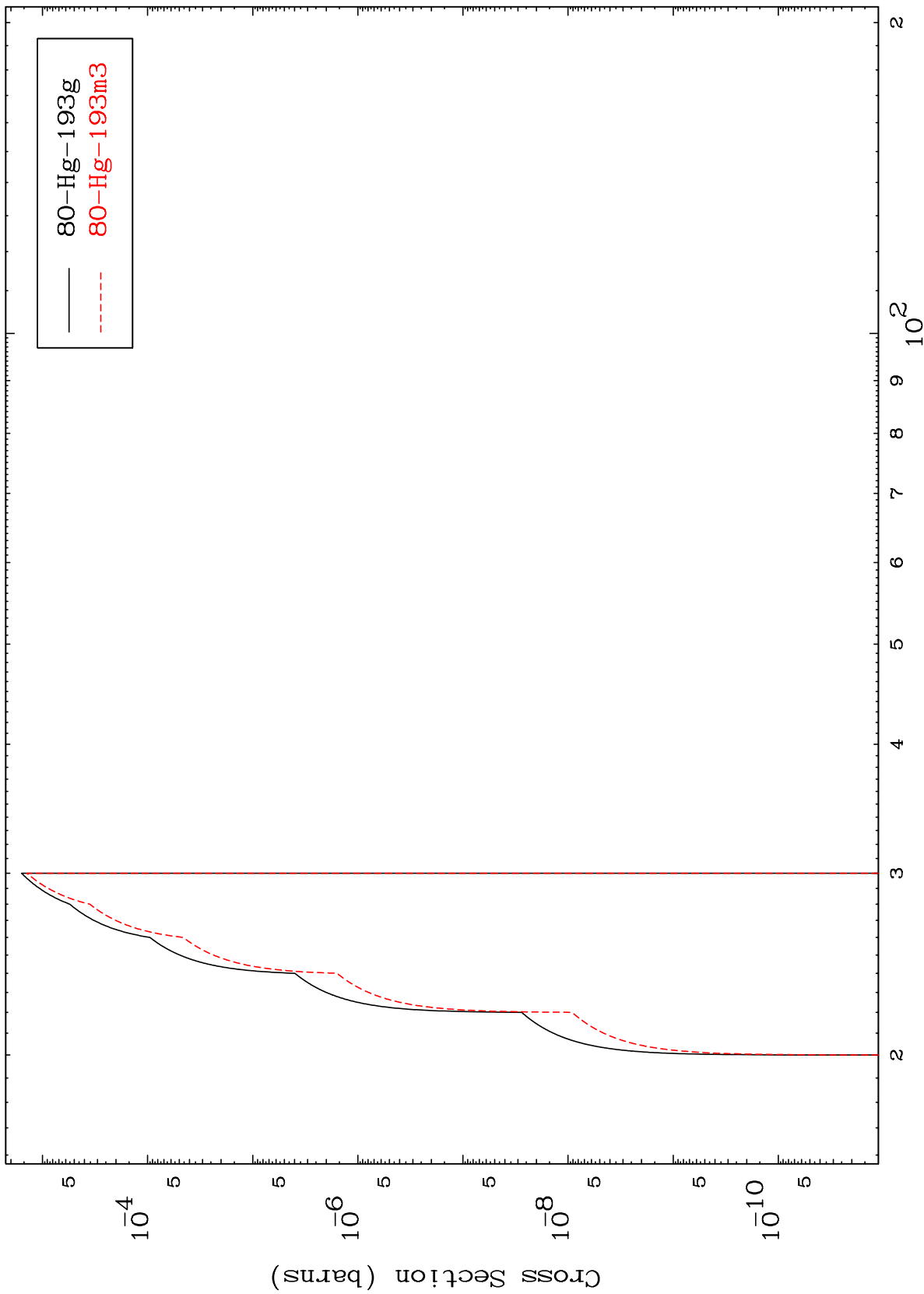
13

MAT 8022

(n,2n) d

80-Hg-195

Radionuclide Production Cross Section



14

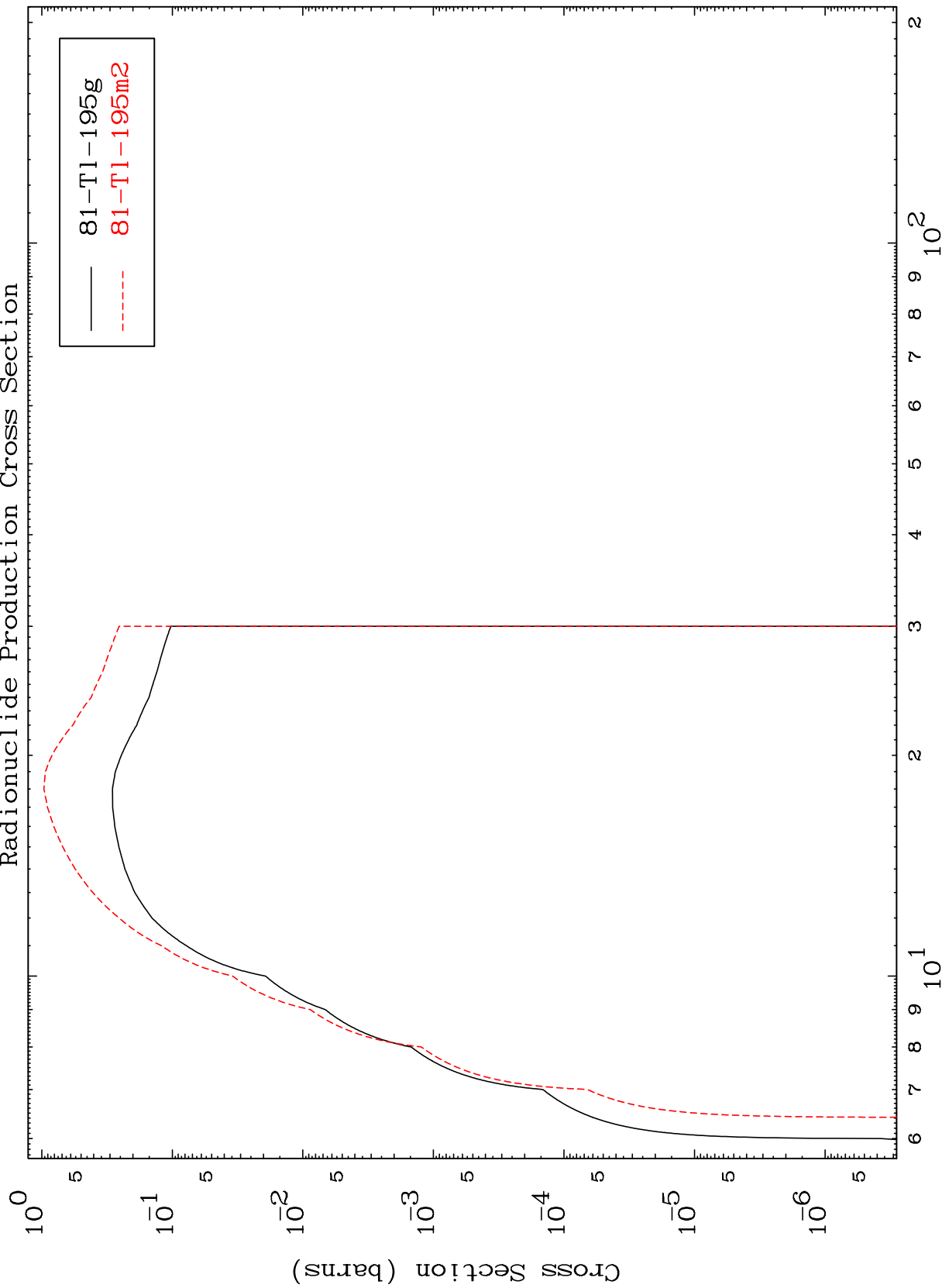
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

Radionuclide Production Cross Section (n,2n)

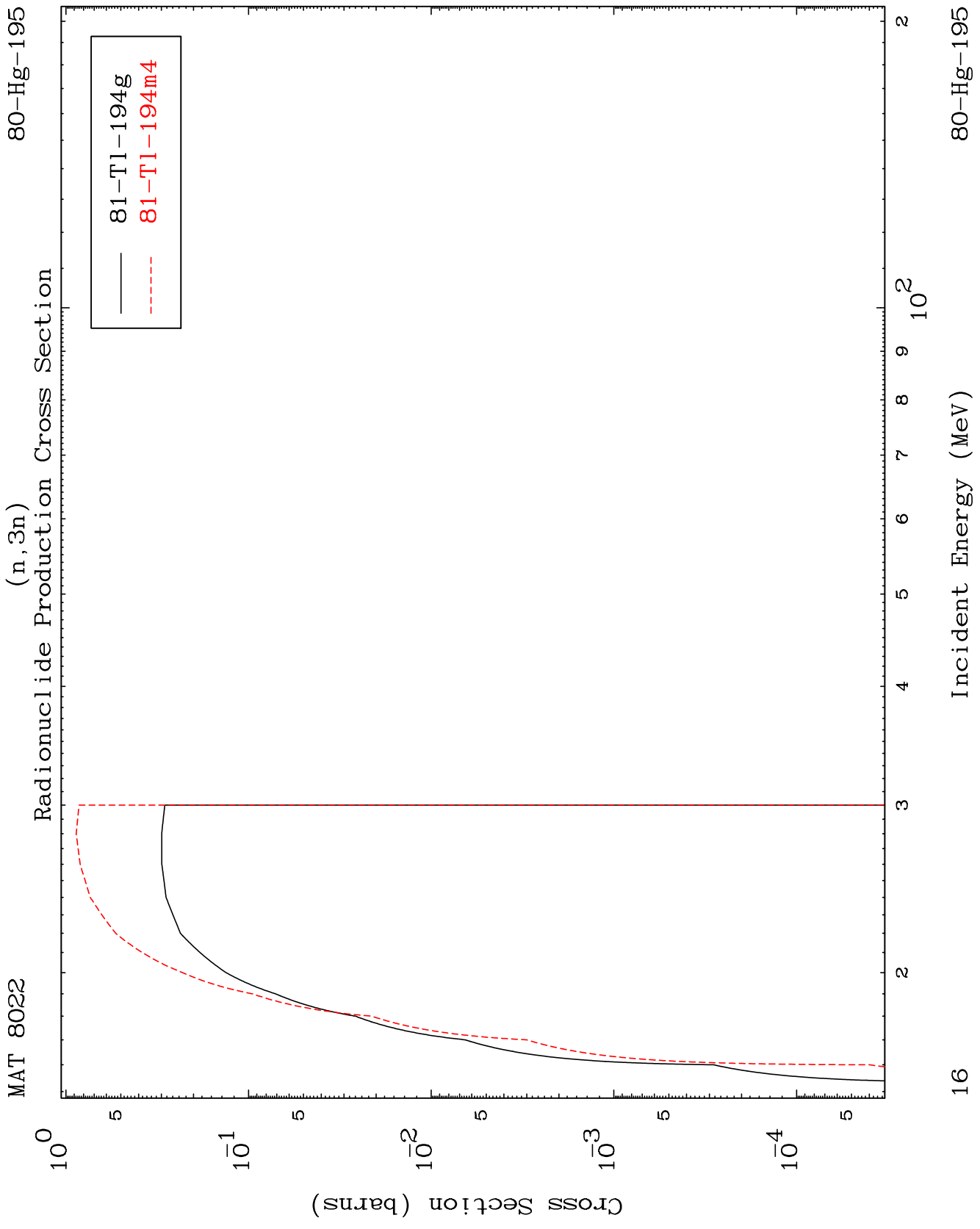


81-Tl-195g
81-Tl-195m2

80-Hg-195

Incident Energy (MeV)

15

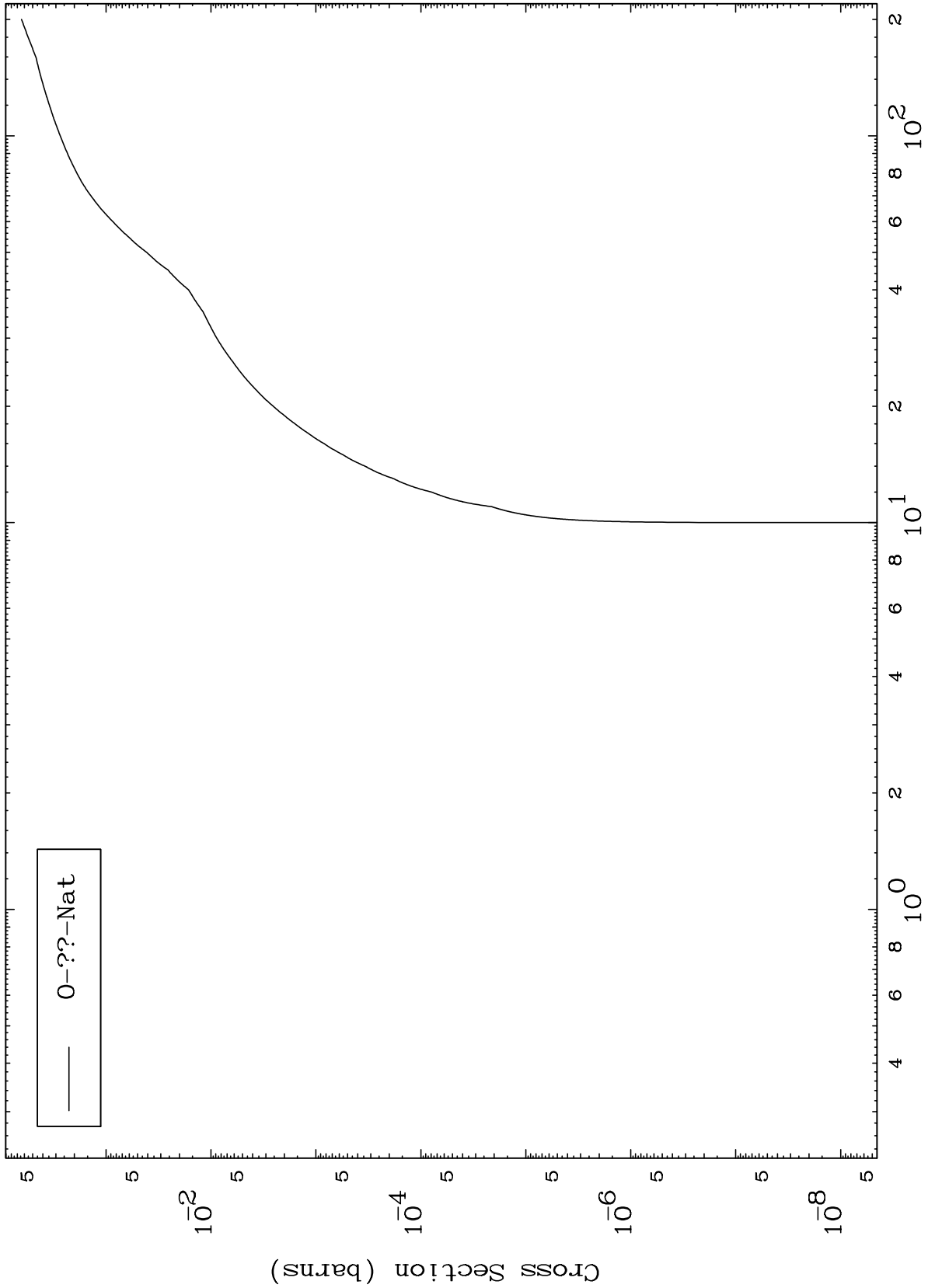


MAT 8022

Fission

80-Hg-195

Radionuclide Production Cross Section

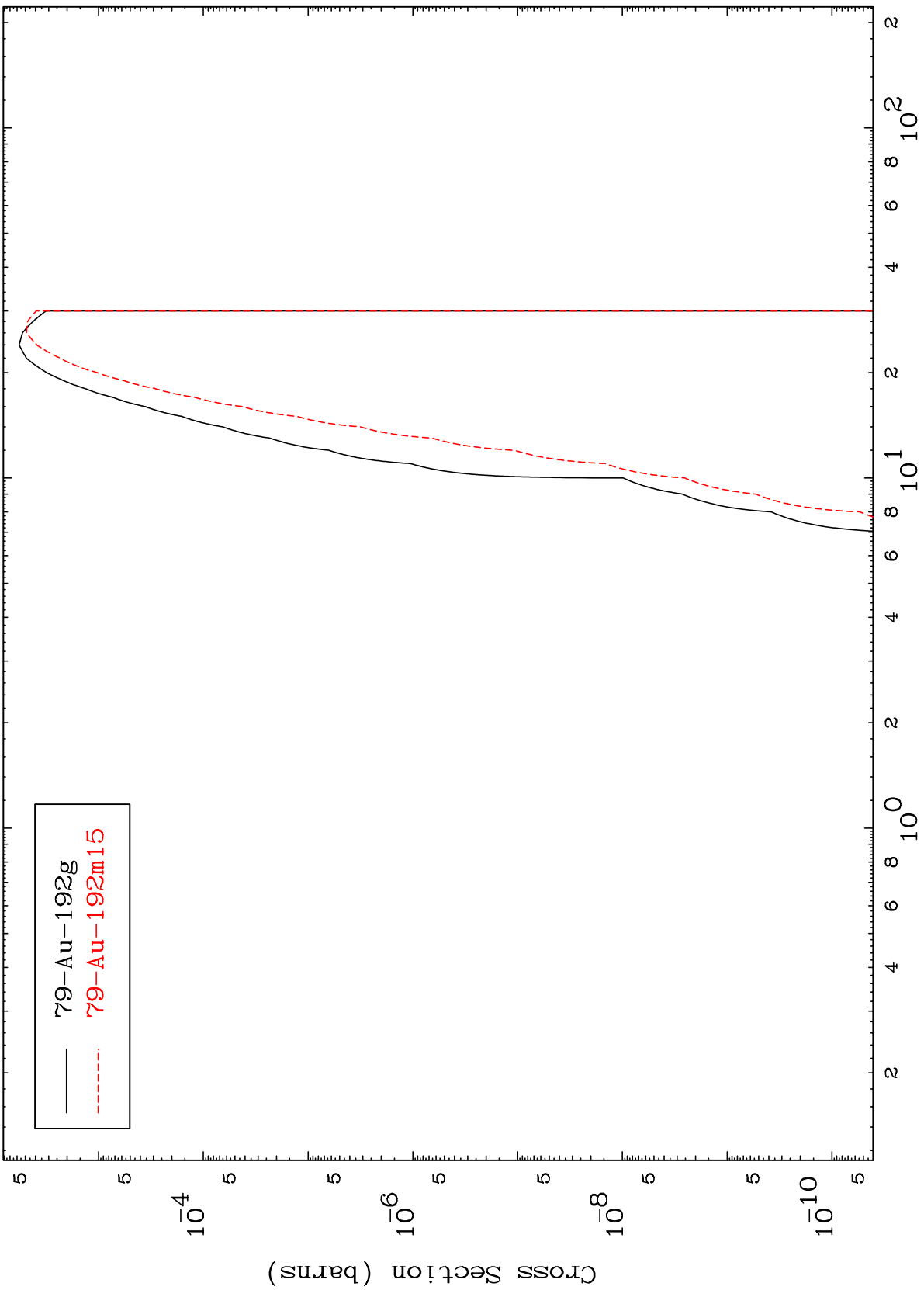


MAT 8022

$(n, n') \alpha$

80-Hg-195

Radionuclide Production Cross Section



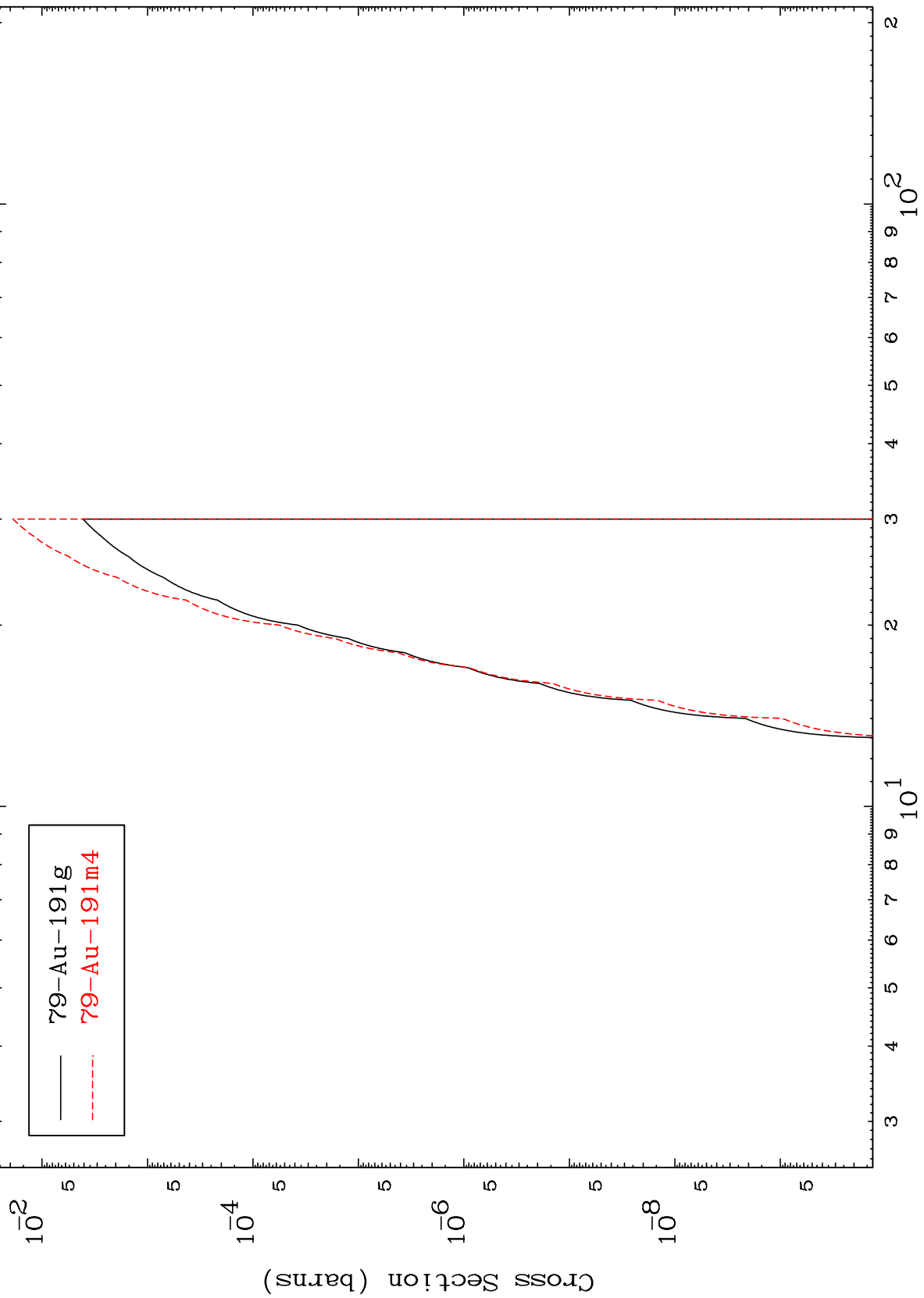
79-Au-192g
79-Au-192m15

MAT 8022

$(n, 2n) \alpha$

80-Hg-195

Radionuclide Production Cross Section



— 79-Au-191 g
- - - 79-Au-191 m4

19

Incident Energy (MeV)

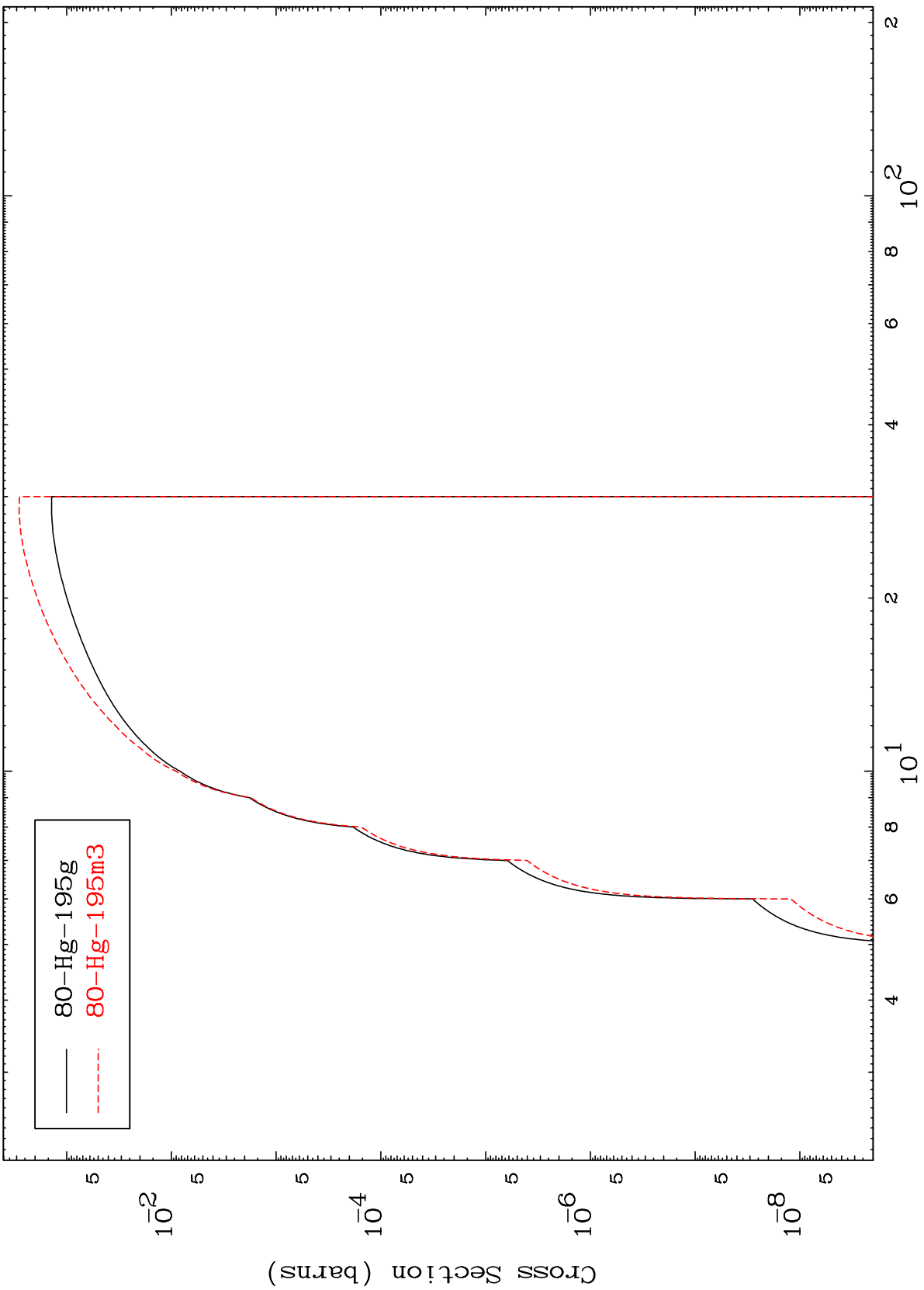
80-Hg-195

MAT 8022

(n,n') p

80-Hg-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

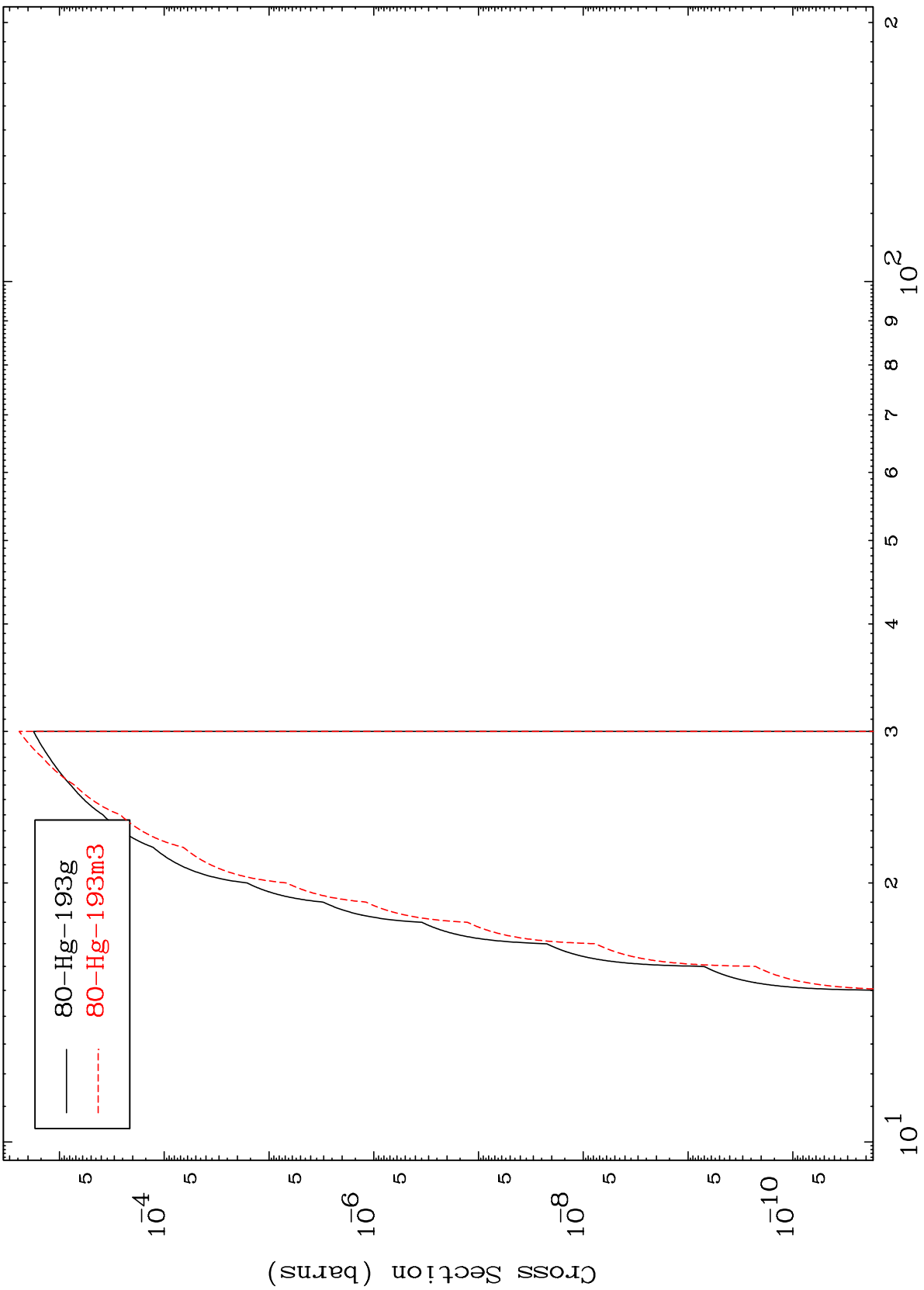
80-Hg-195

MAT 8022

(n,n') t

80-Hg-195

Radionuclide Production Cross Section



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

Incident Energy (MeV)

80-Hg-195

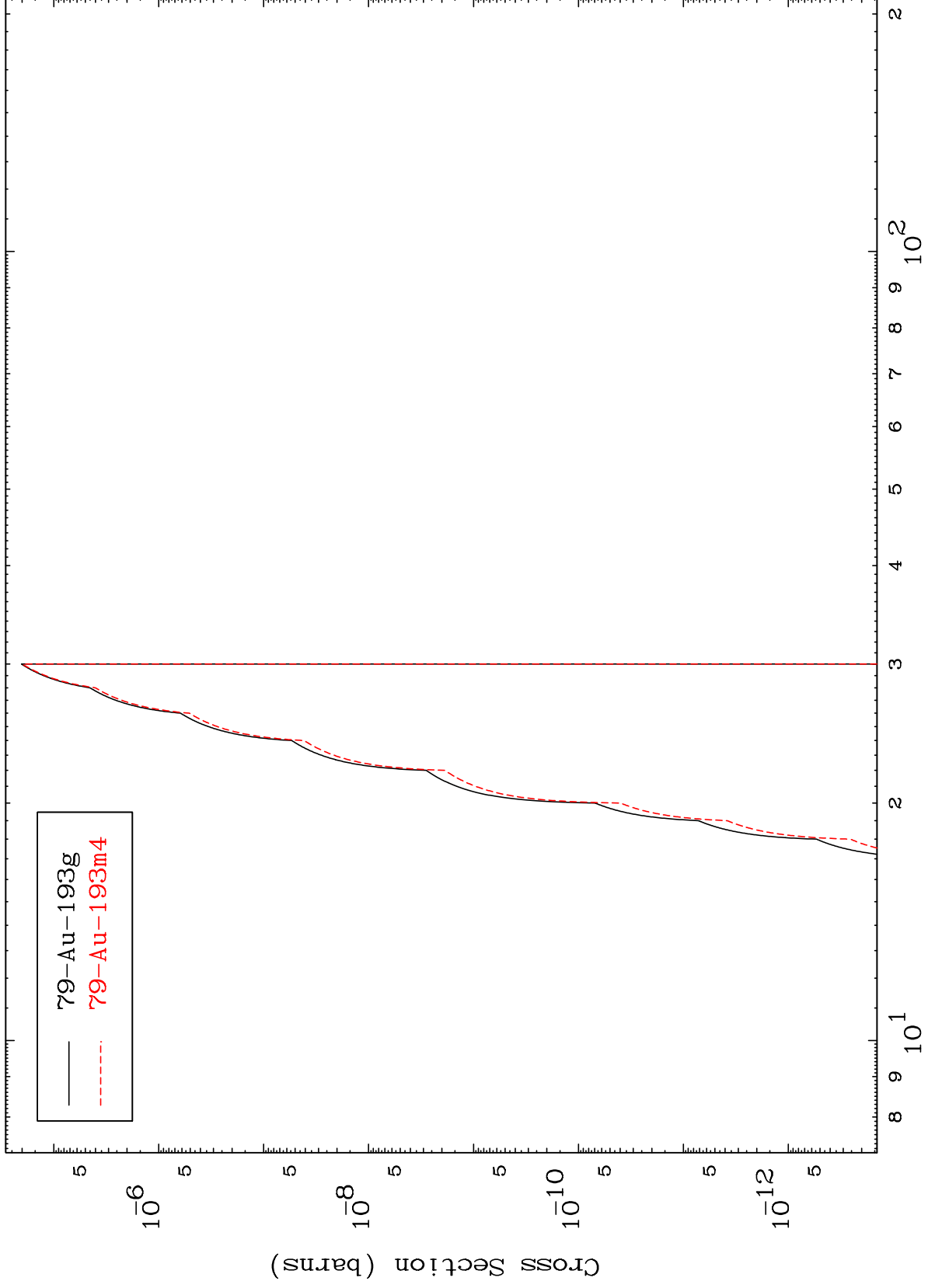
21

MAT 8022

(n,n') He-3

80-Hg-195

Radionuclide Production Cross Section



22

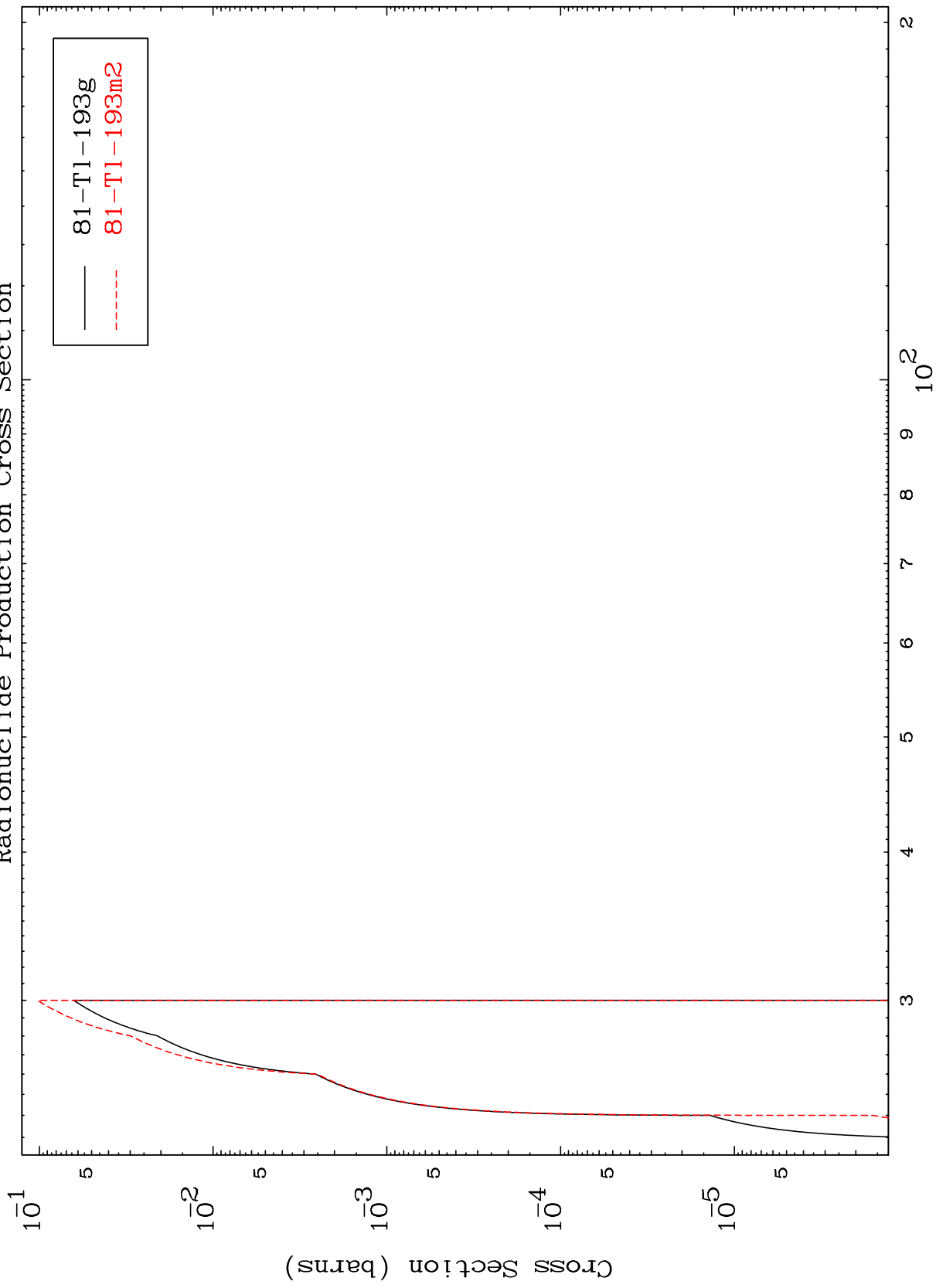
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

(n,4n)
Radionuclide Production Cross Section



23

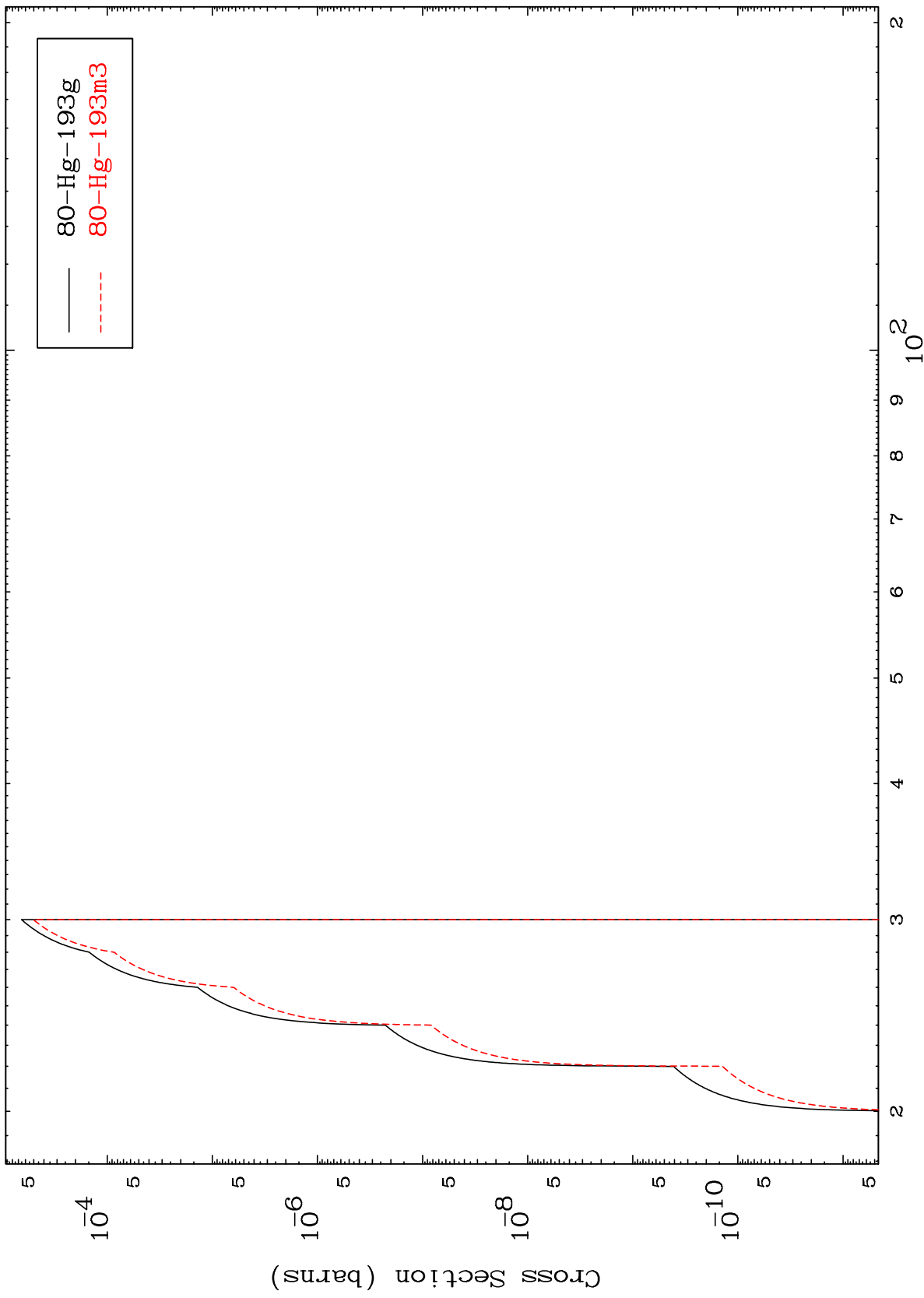
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

(n,3n) p
Radionuclide Production Cross Section



80-Hg-195

Incident Energy (MeV)

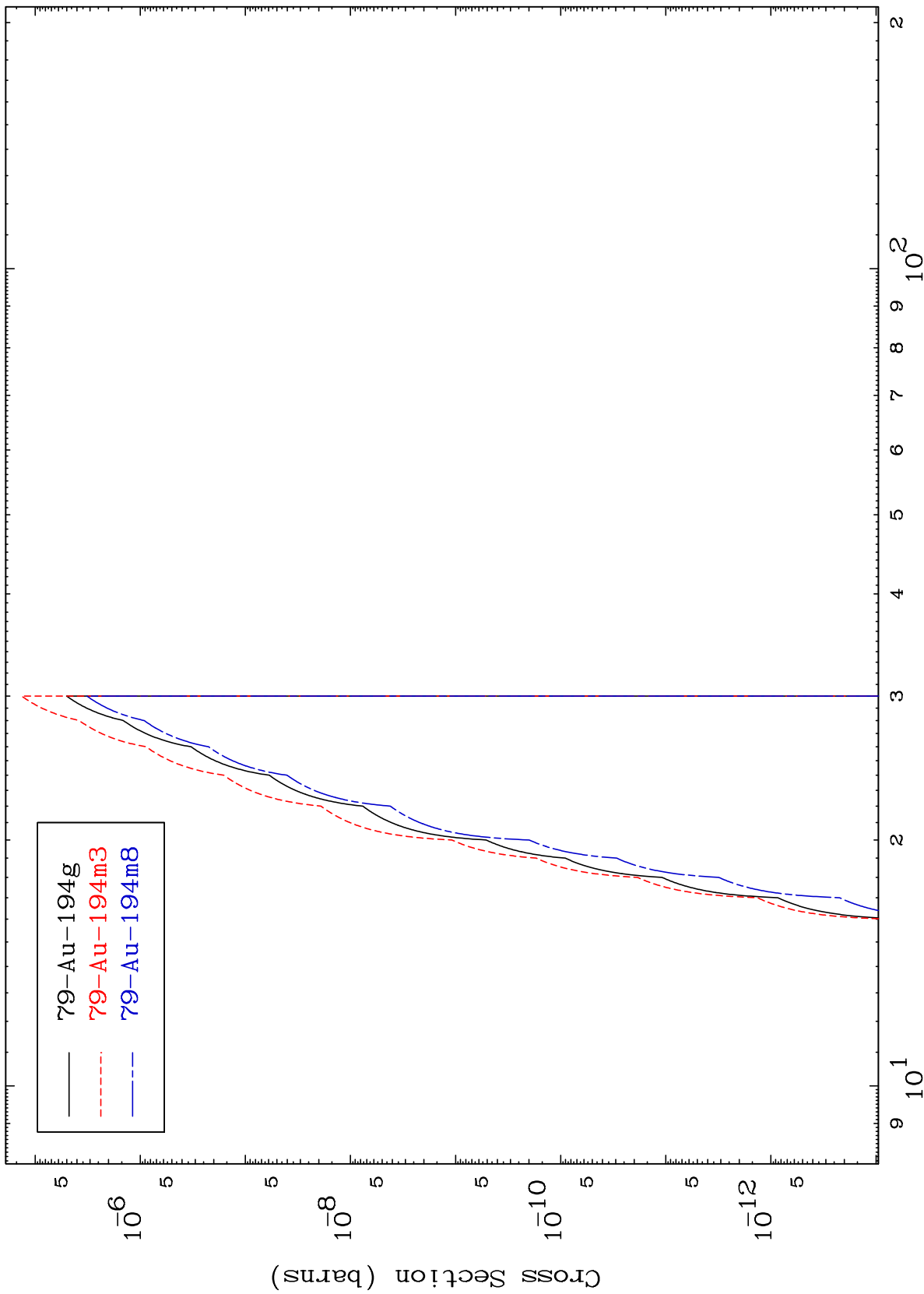
24

MAT 8022

(n,2n) p

80-Hg-195

Radionuclide Production Cross Section



25

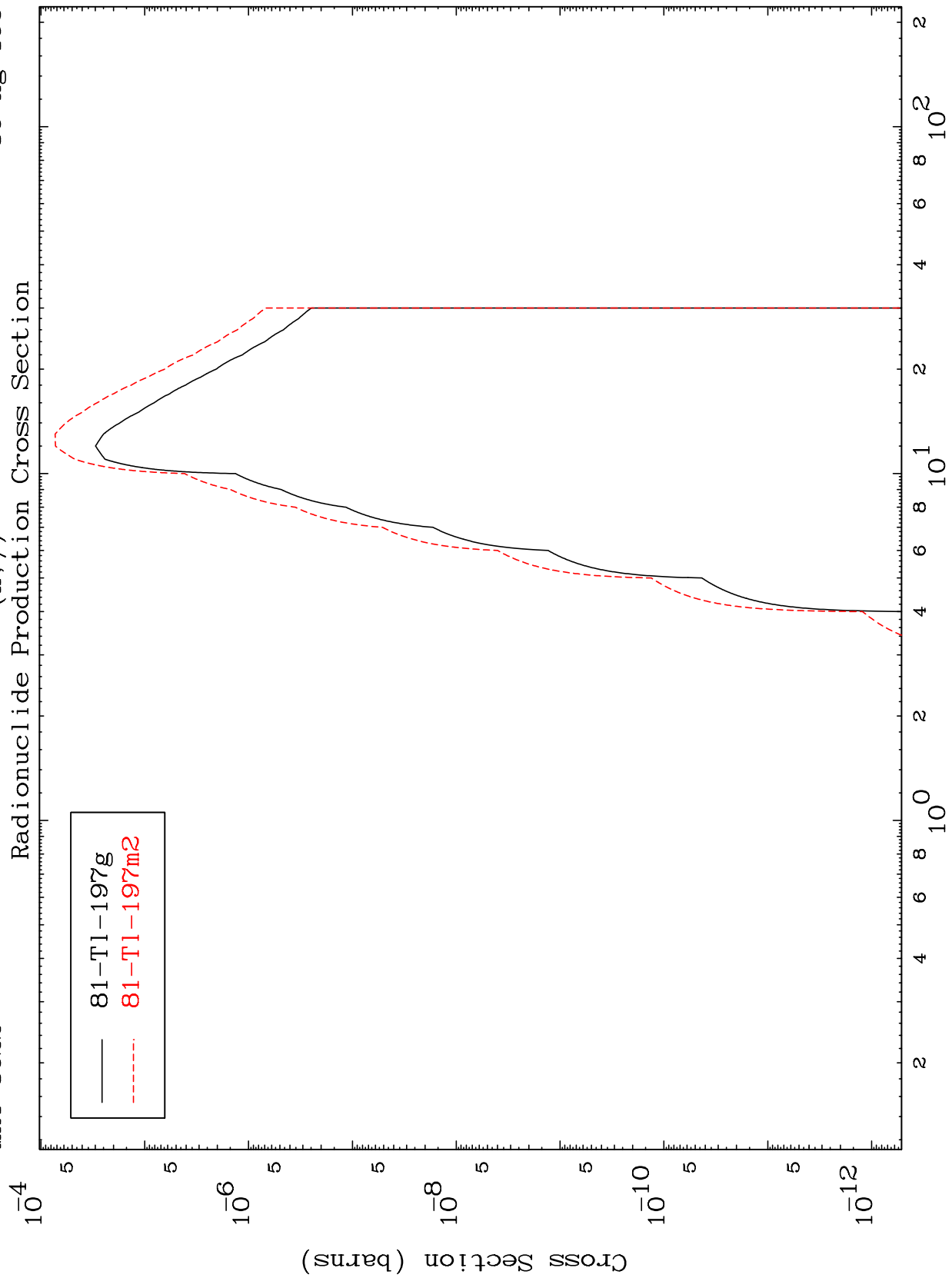
Incident Energy (MeV)

80-Hg-195

MAT 8022

80-Hg-195

Radionuclide Production Cross Section
(n, γ)



81-Tl-197g
81-Tl-197m2

80-Hg-195

Incident Energy (MeV)

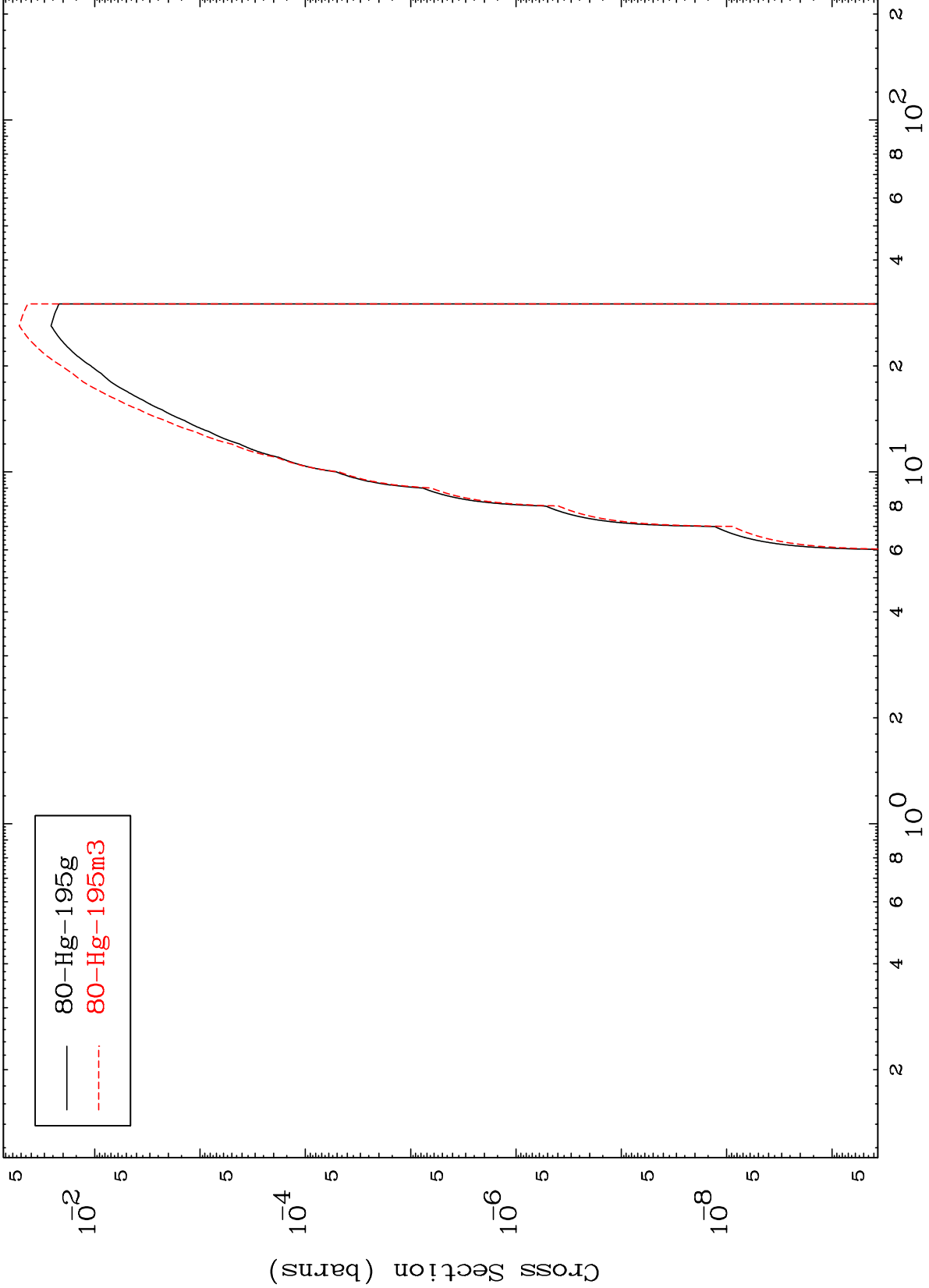
26

MAT 8022

(n, d)

80-Hg-195

Radionuclide Production Cross Section



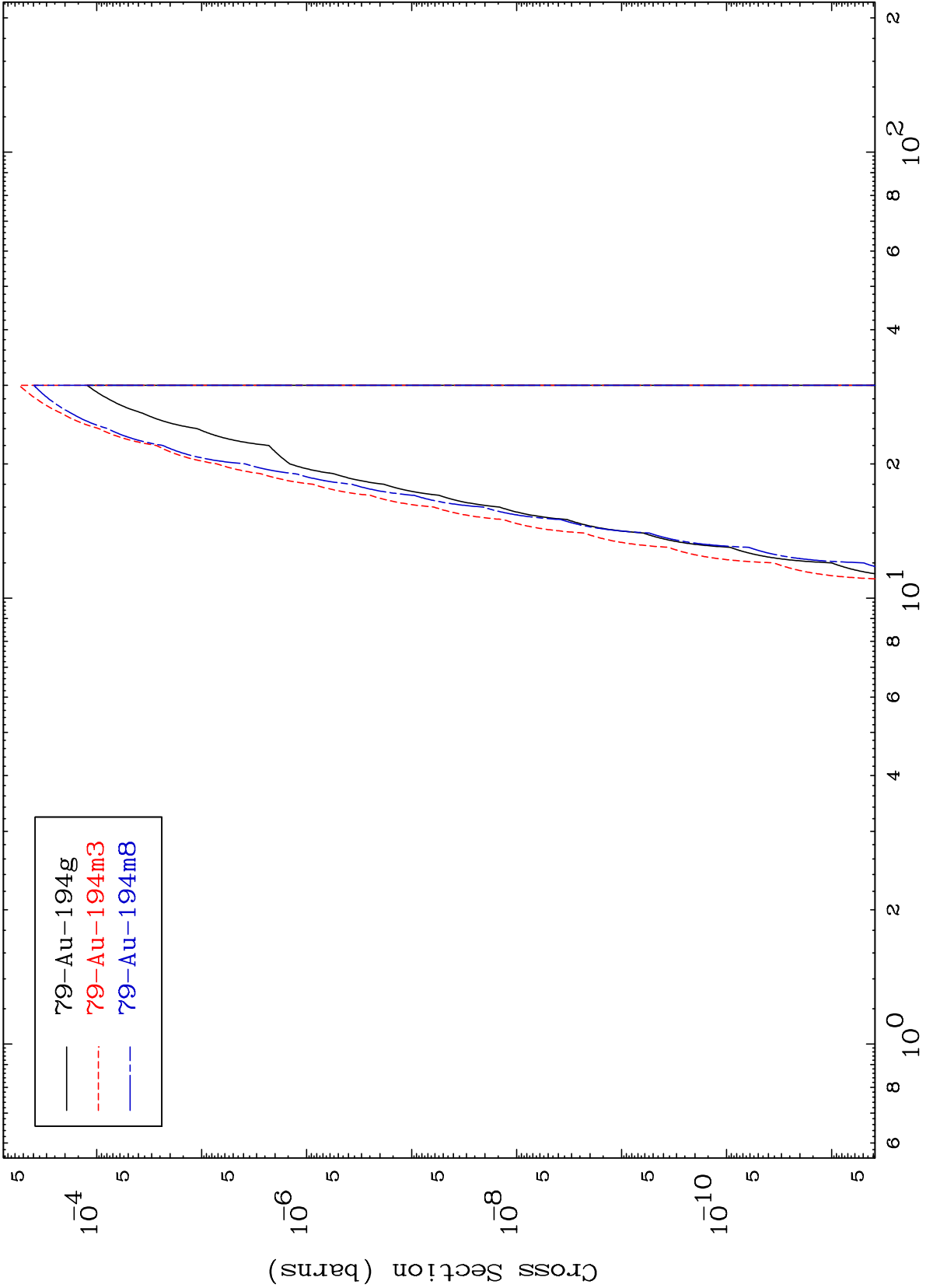
80-Hg-195g
80-Hg-195m3

MAT 8022

(n,He-3)

80-Hg-195

Radionuclide Production Cross Section



79-Au-194g
79-Au-194m3
79-Au-194m8

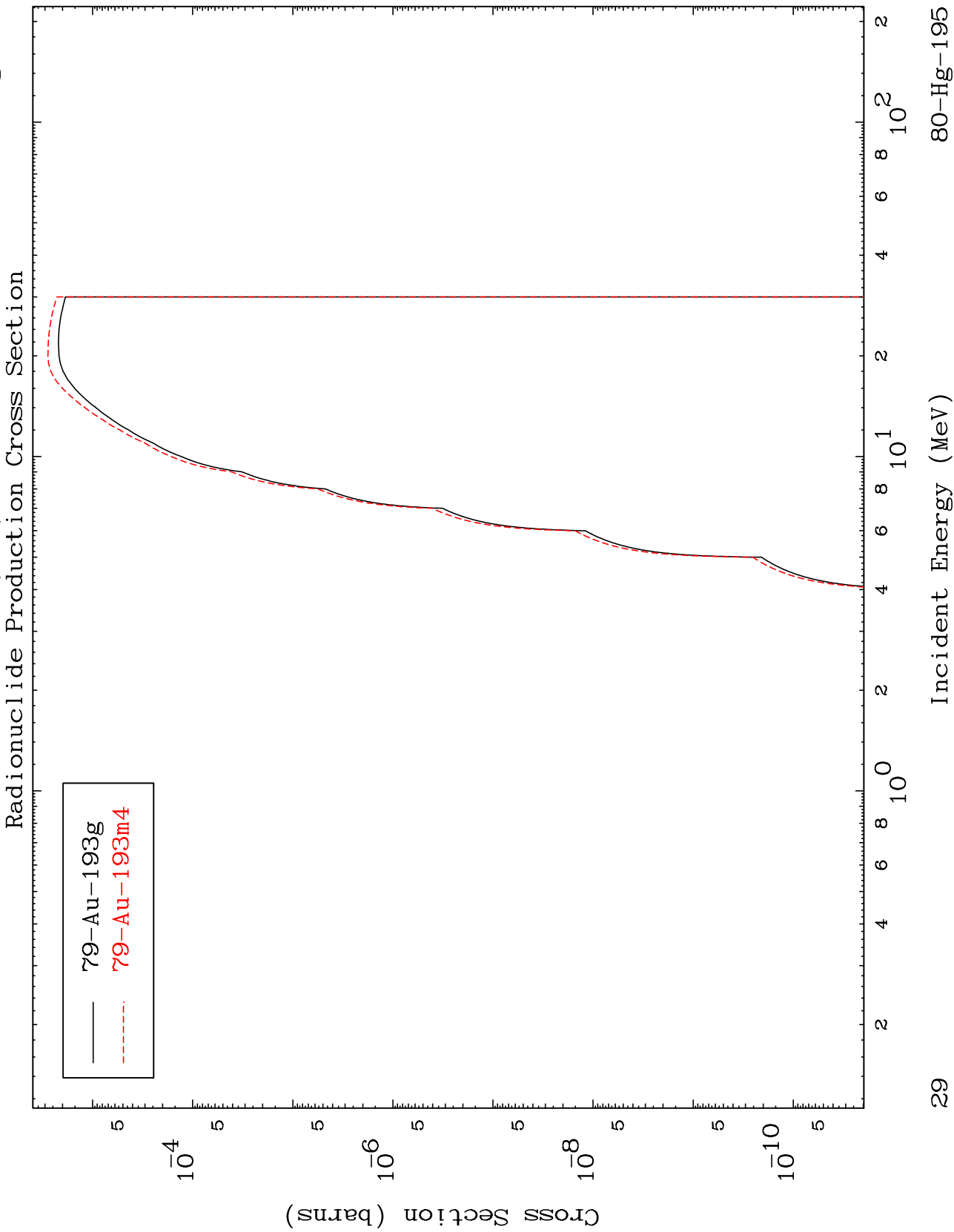
28

Incident Energy (MeV)

80-Hg-195

MAT 8022

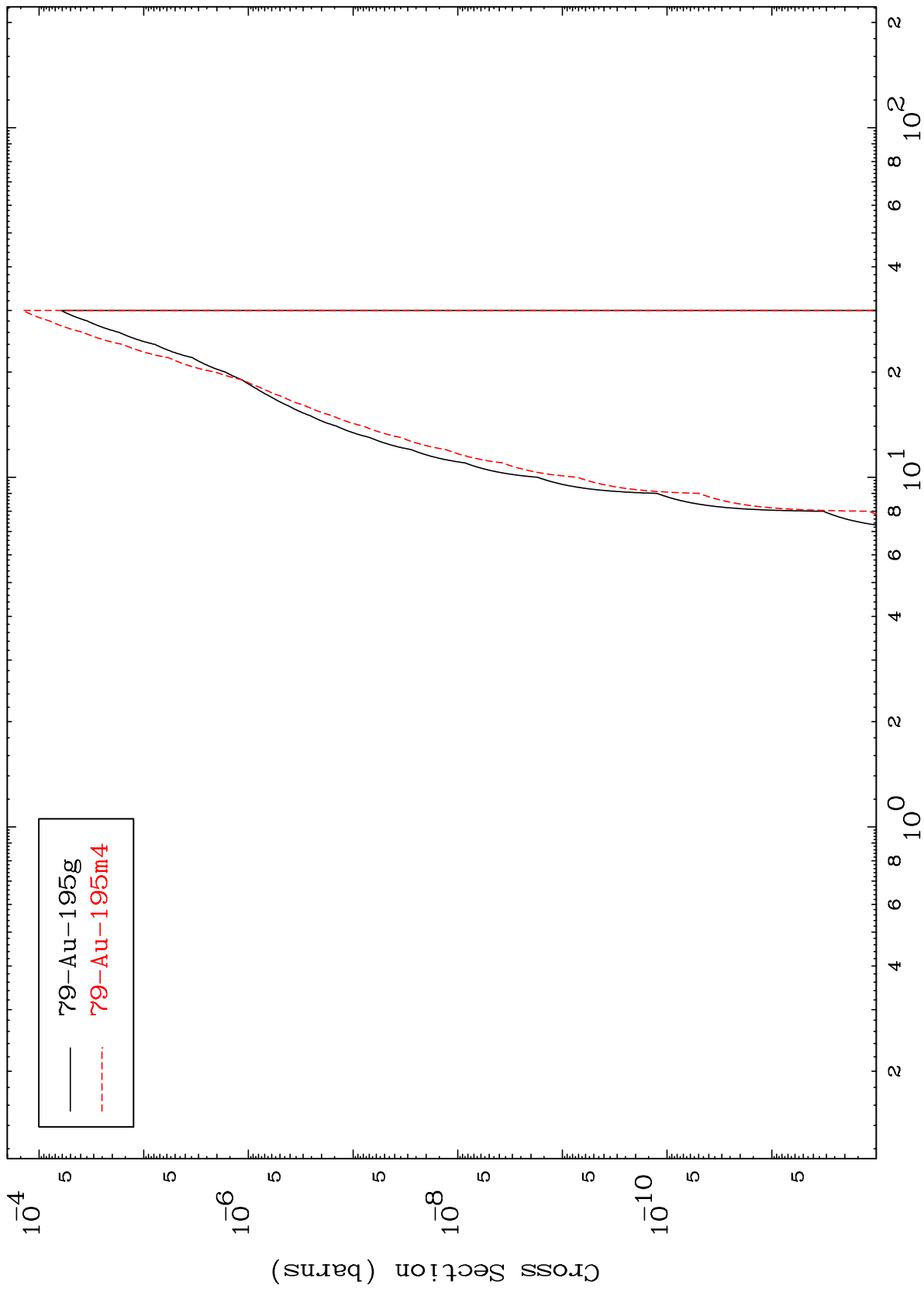
80-Hg-195



MAT 8022

80-Hg-195

(n,2p)
Radionuclide Production Cross Section

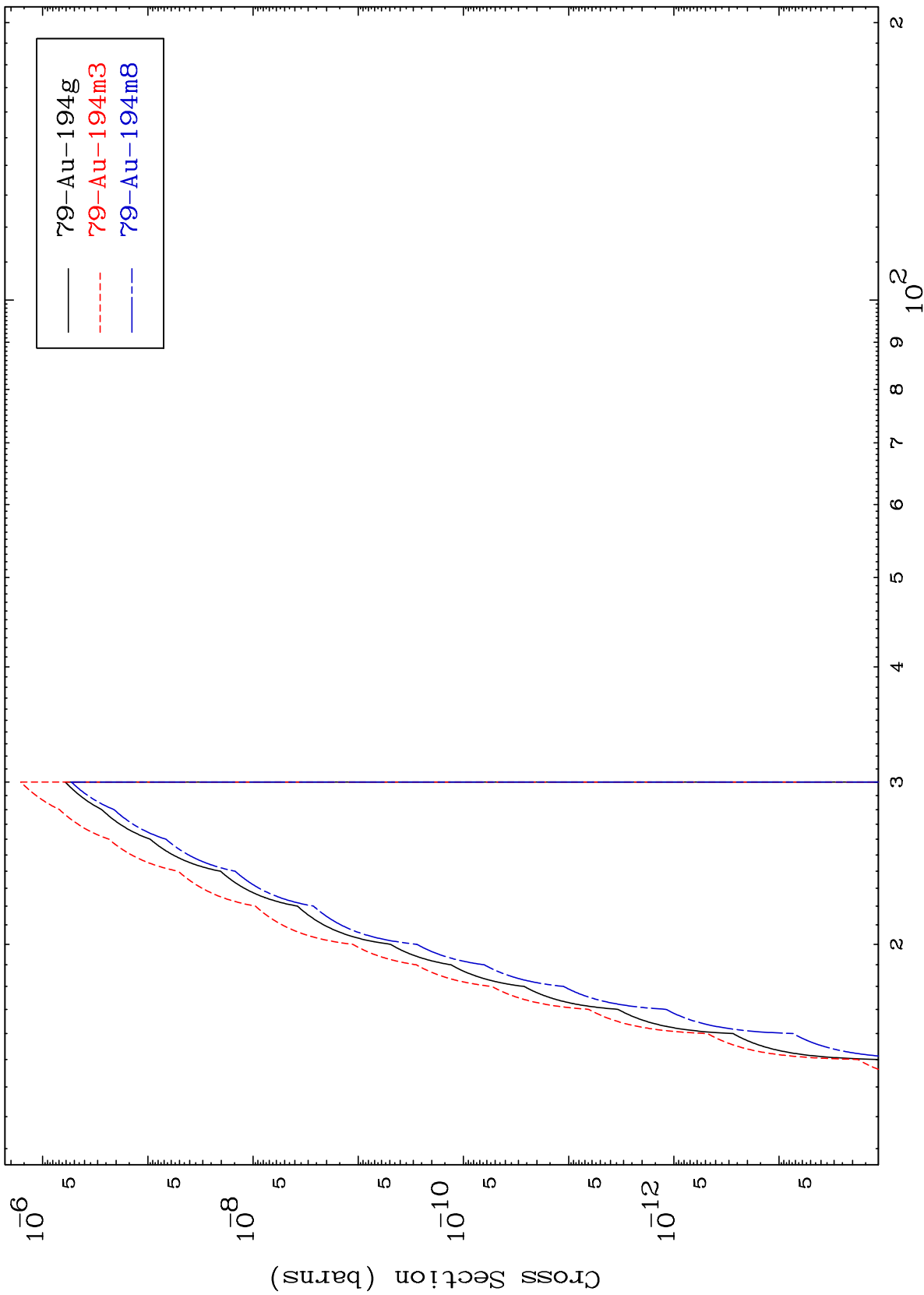


30

80-Hg-195

Incident Energy (MeV)

Radionuclide Production Cross Section

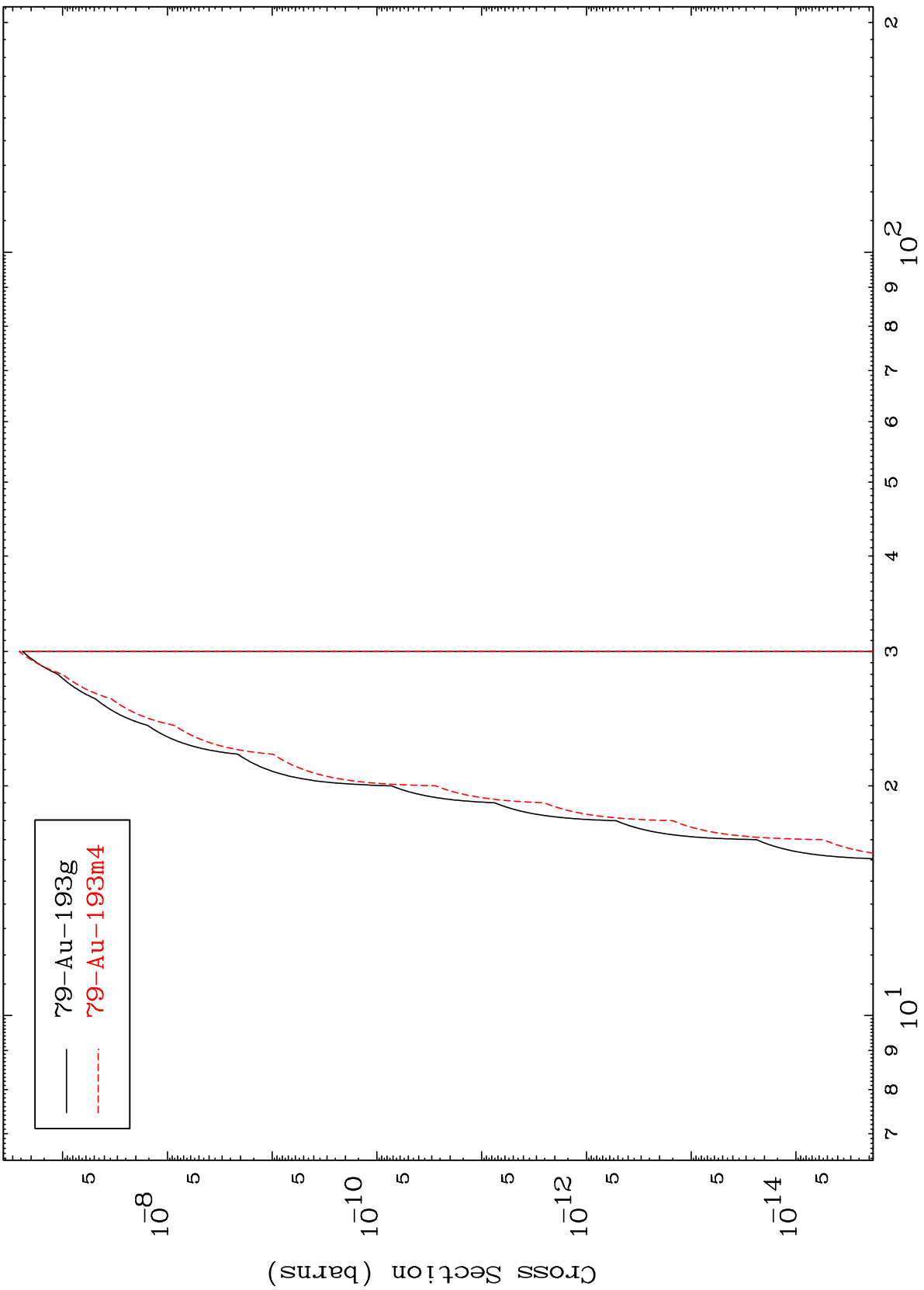


MAT 8022

(n,p) t

80-Hg-195

Radionuclide Production Cross Section



32

Incident Energy (MeV)

80-Hg-195