

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

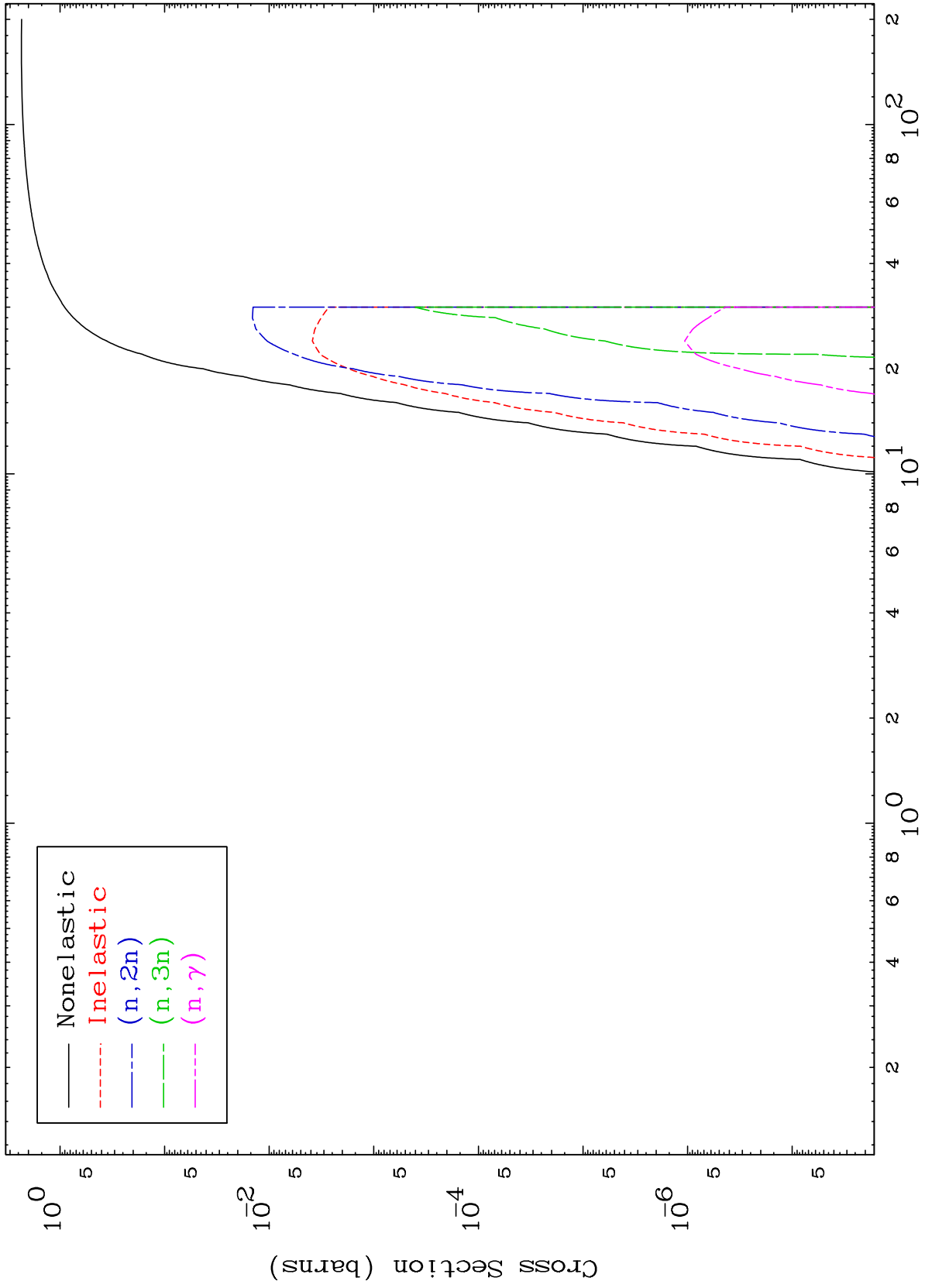
Press Mouse Button to Start

MAT 8004

He-3 Major

80-Hg-189

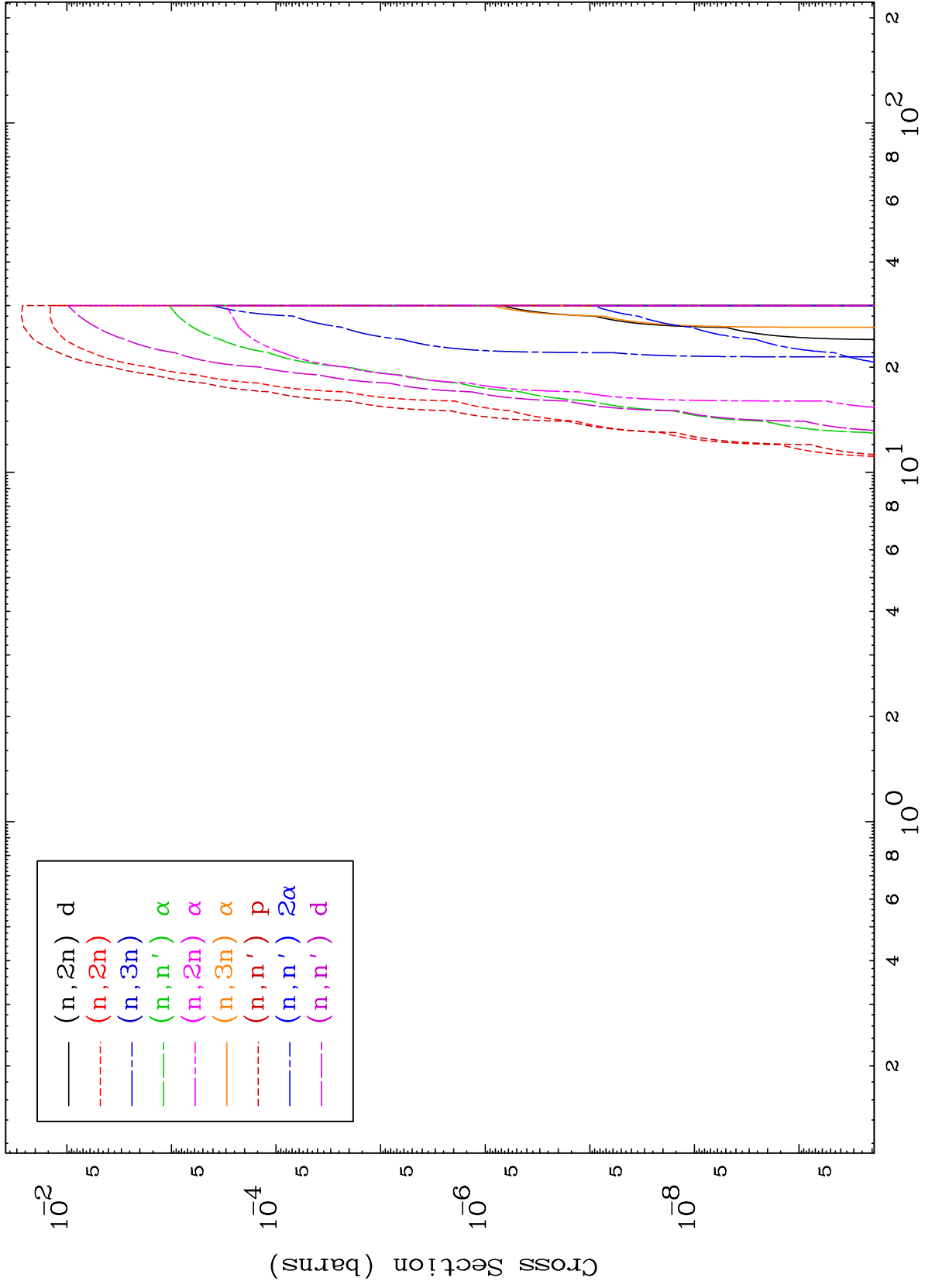
0 Kelvin Cross Sections



MAT 8004

He-3 Neutron Absorption
0 Kelvin Cross Sections

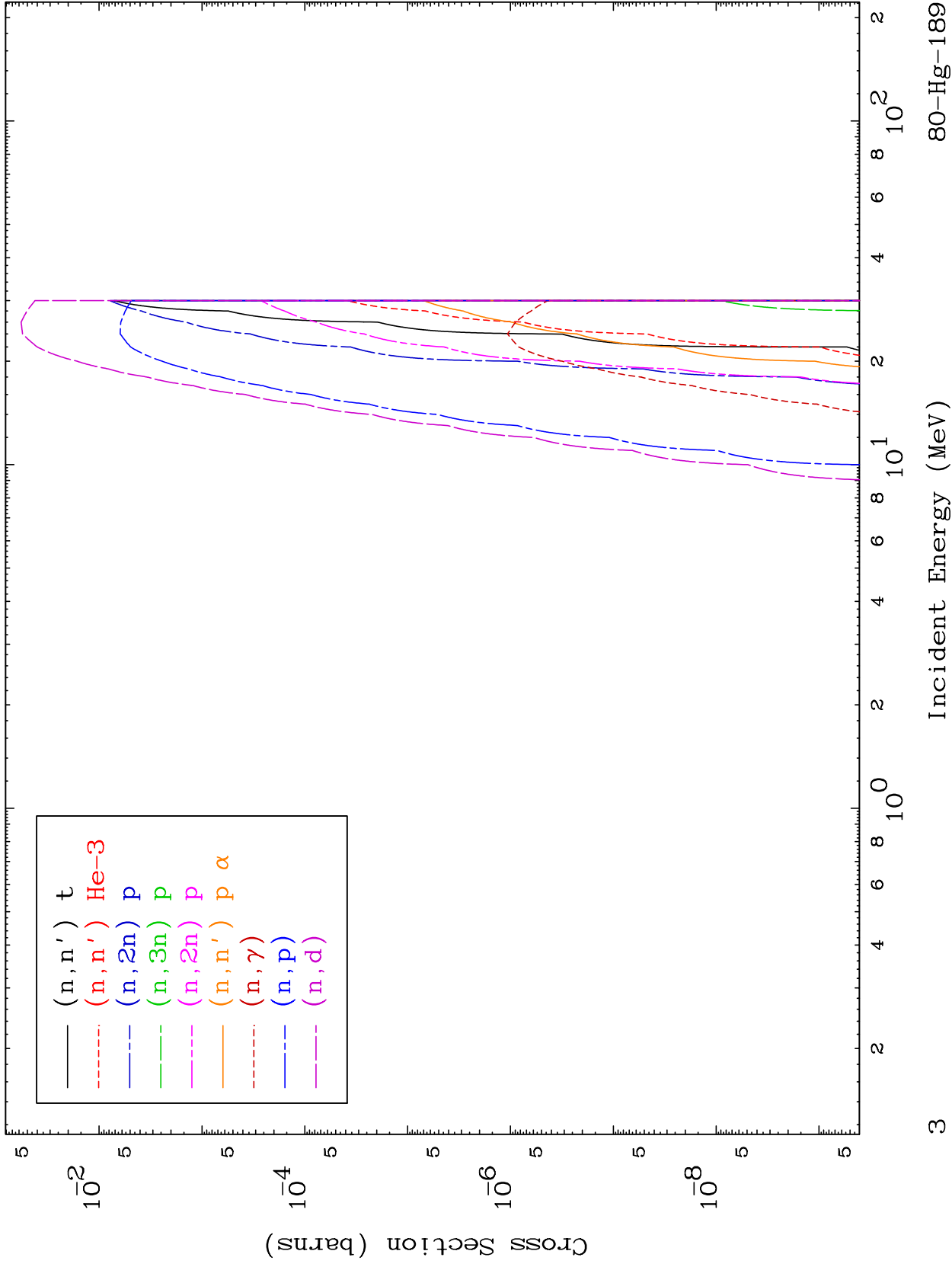
80-Hg-189

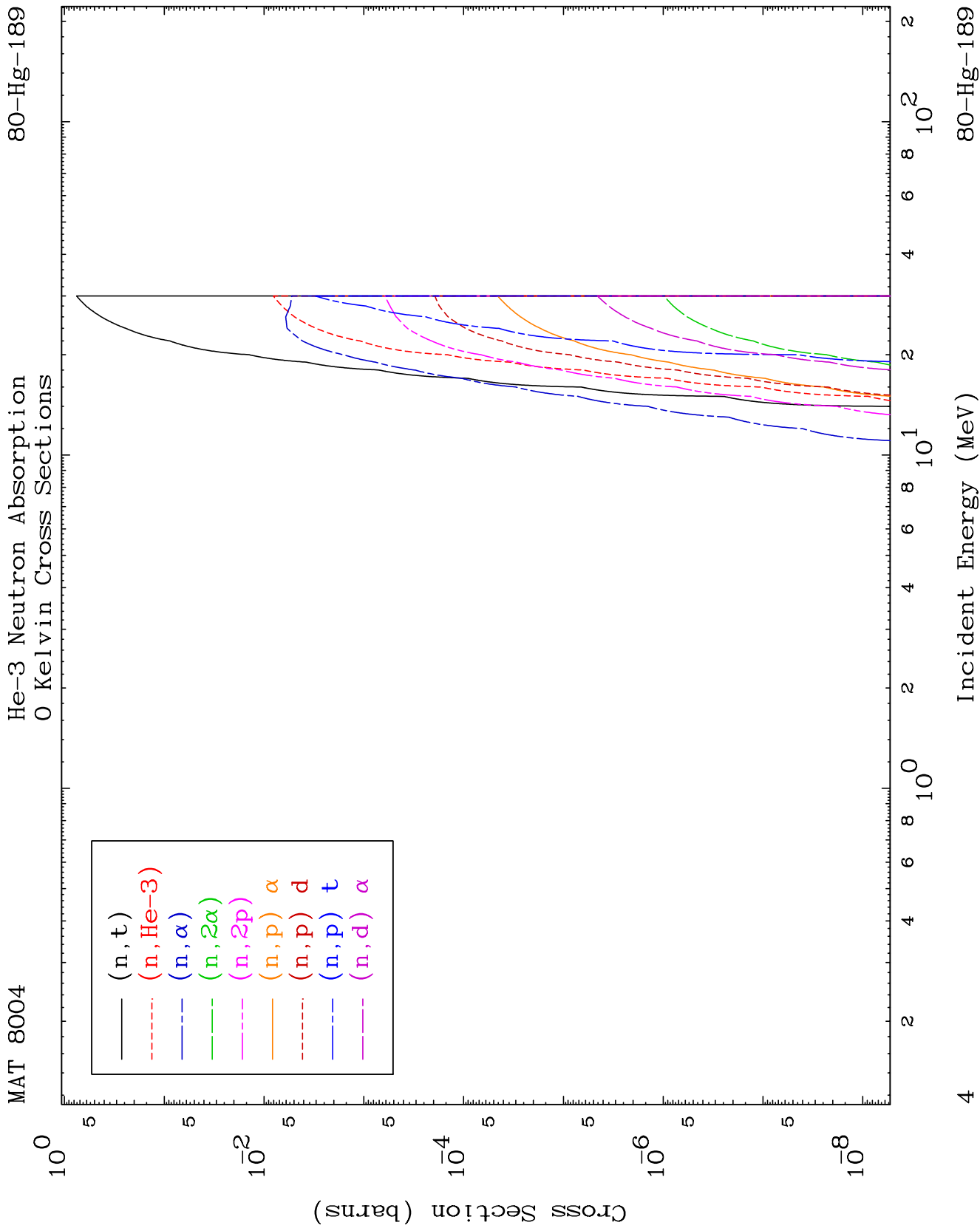


MAT 8004

He-3 Neutron Absorption
0 Kelvin Cross Sections

80-Hg-189

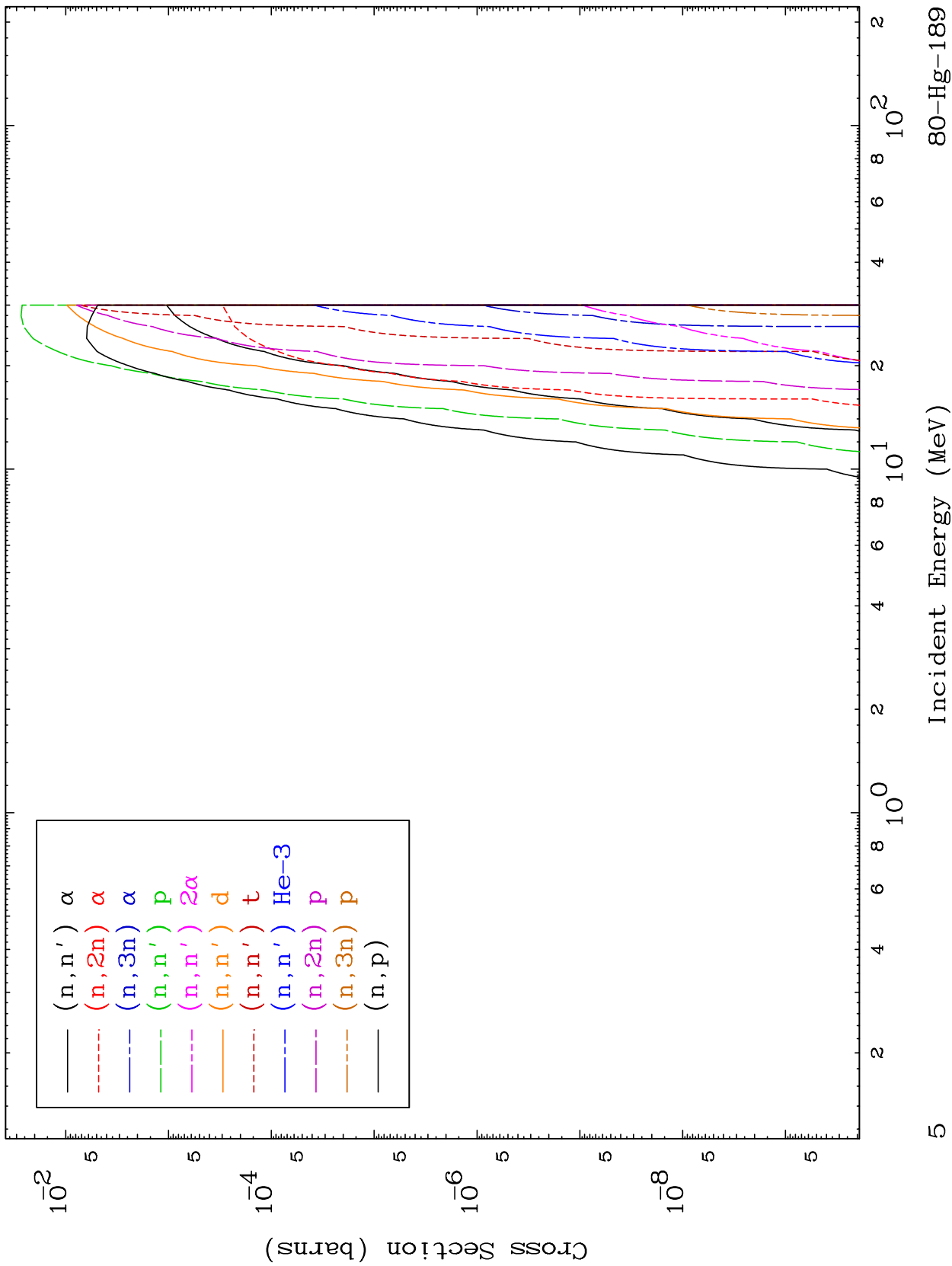




MAT 8004

He-3 Charged Particle
0 Kelvin Cross Sections

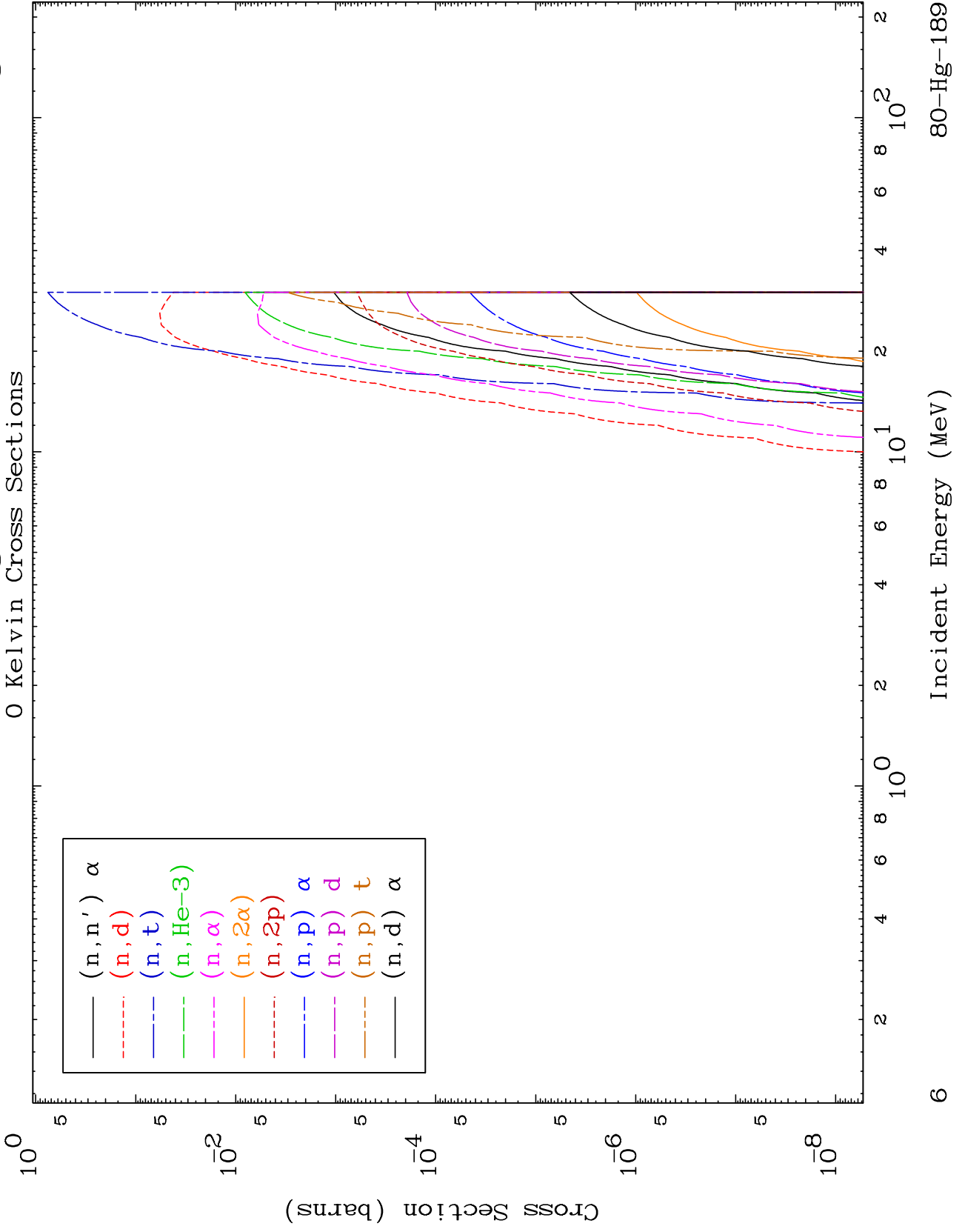
80-Hg-189



MAT 8004

He-3 Charged Particle
0 Kelvin Cross Sections

80-Hg-189

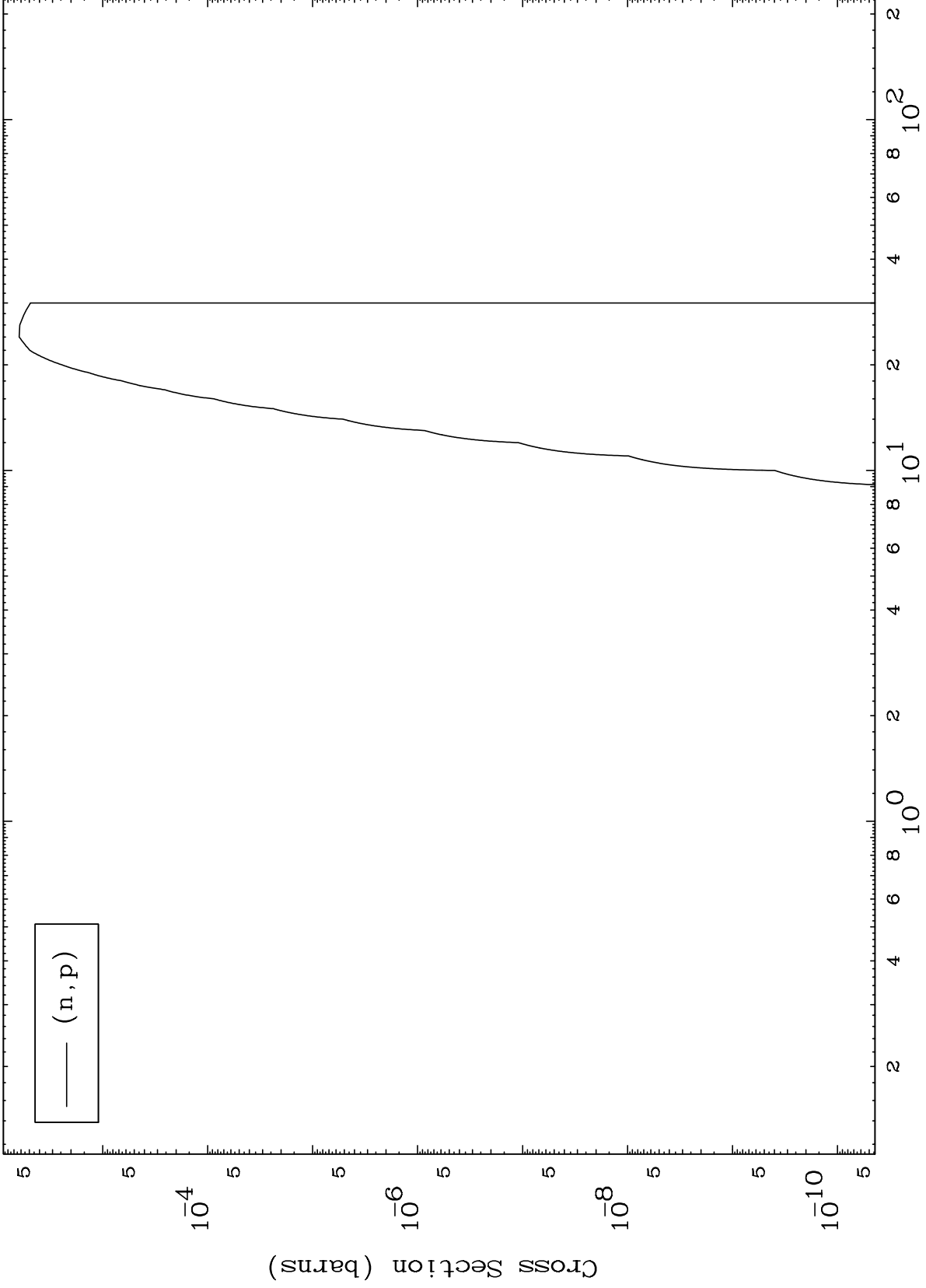


MAT 8004

(He-3,p) Levels

80-Hg-189

0 Kelvin Cross Sections

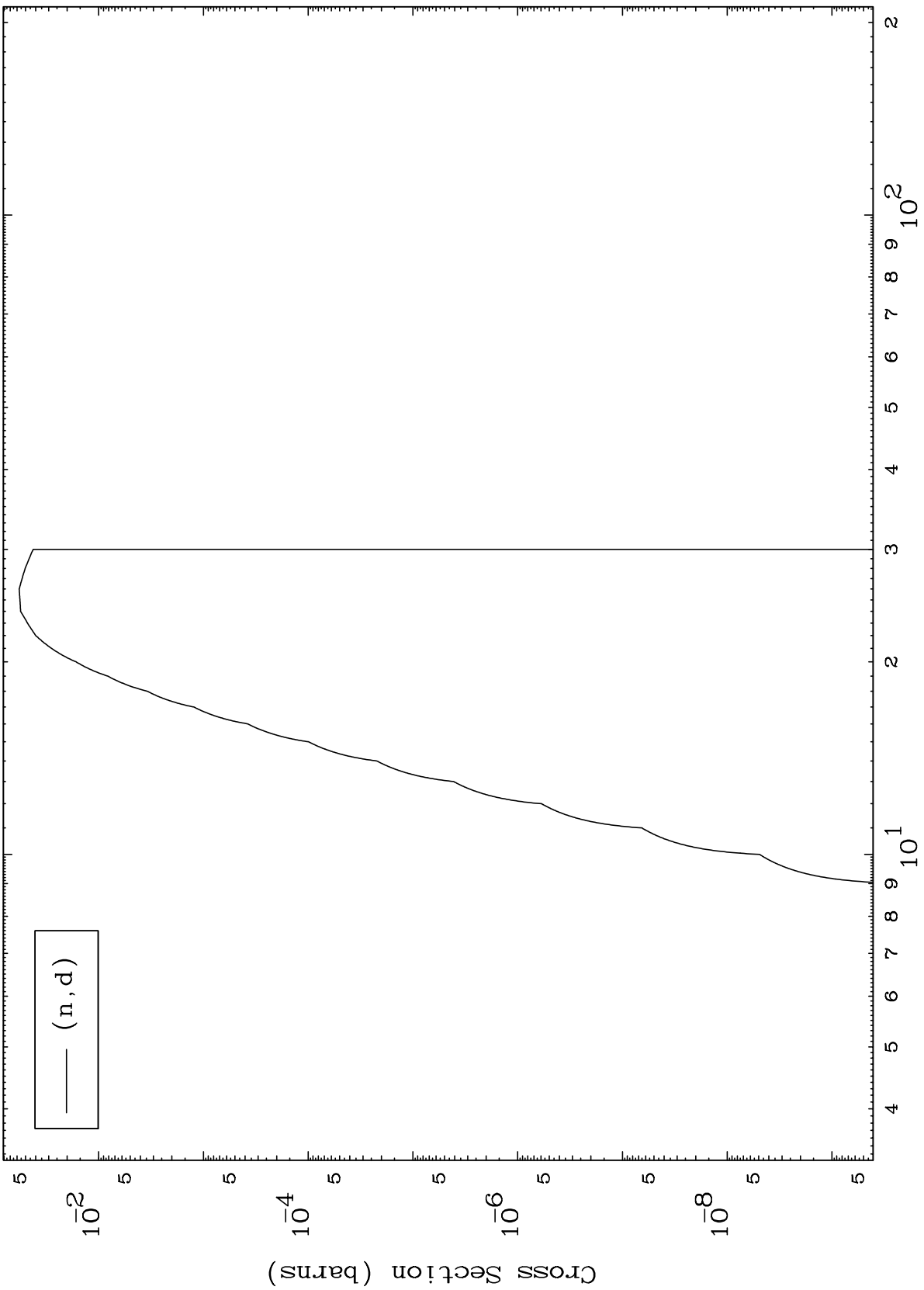


MAT 8004

(He-3,d) Levels

80-Hg-189

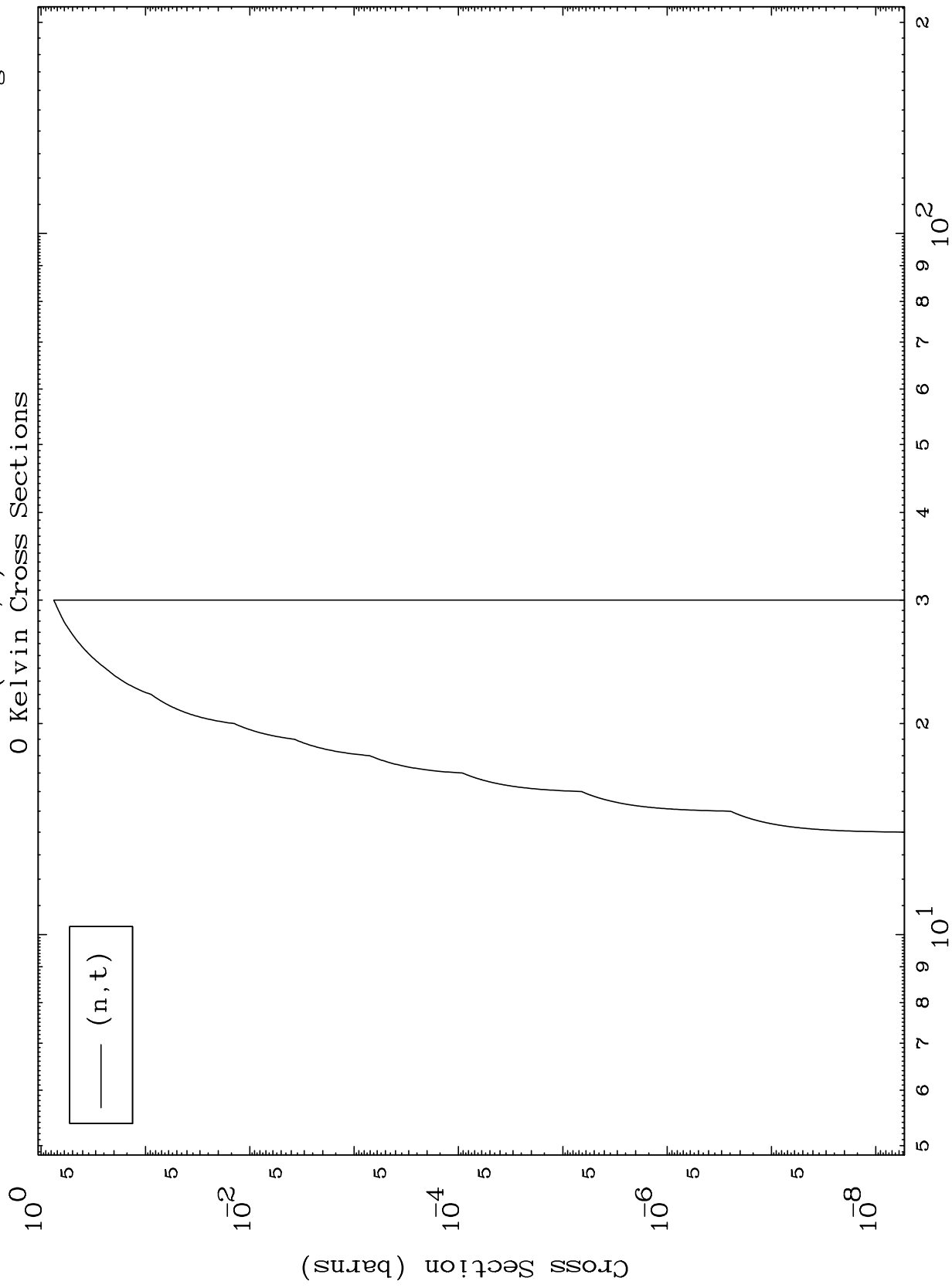
0 Kelvin Cross Sections



MAT 8004

80-Hg-189

(He-3,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

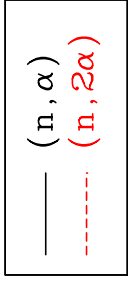
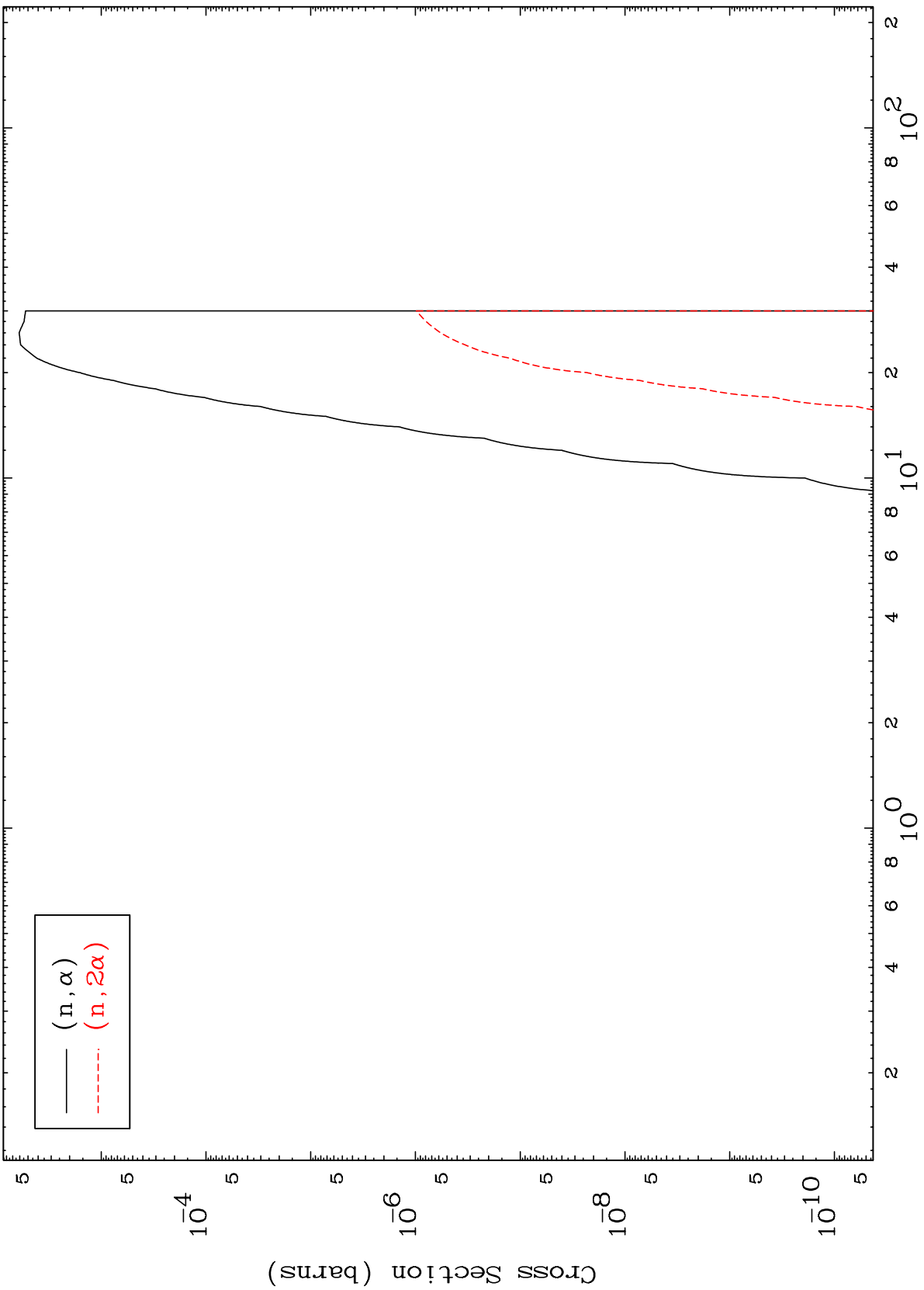
80-Hg-189

MAT 8004

(He-3, α) Levels

80-Hg-189

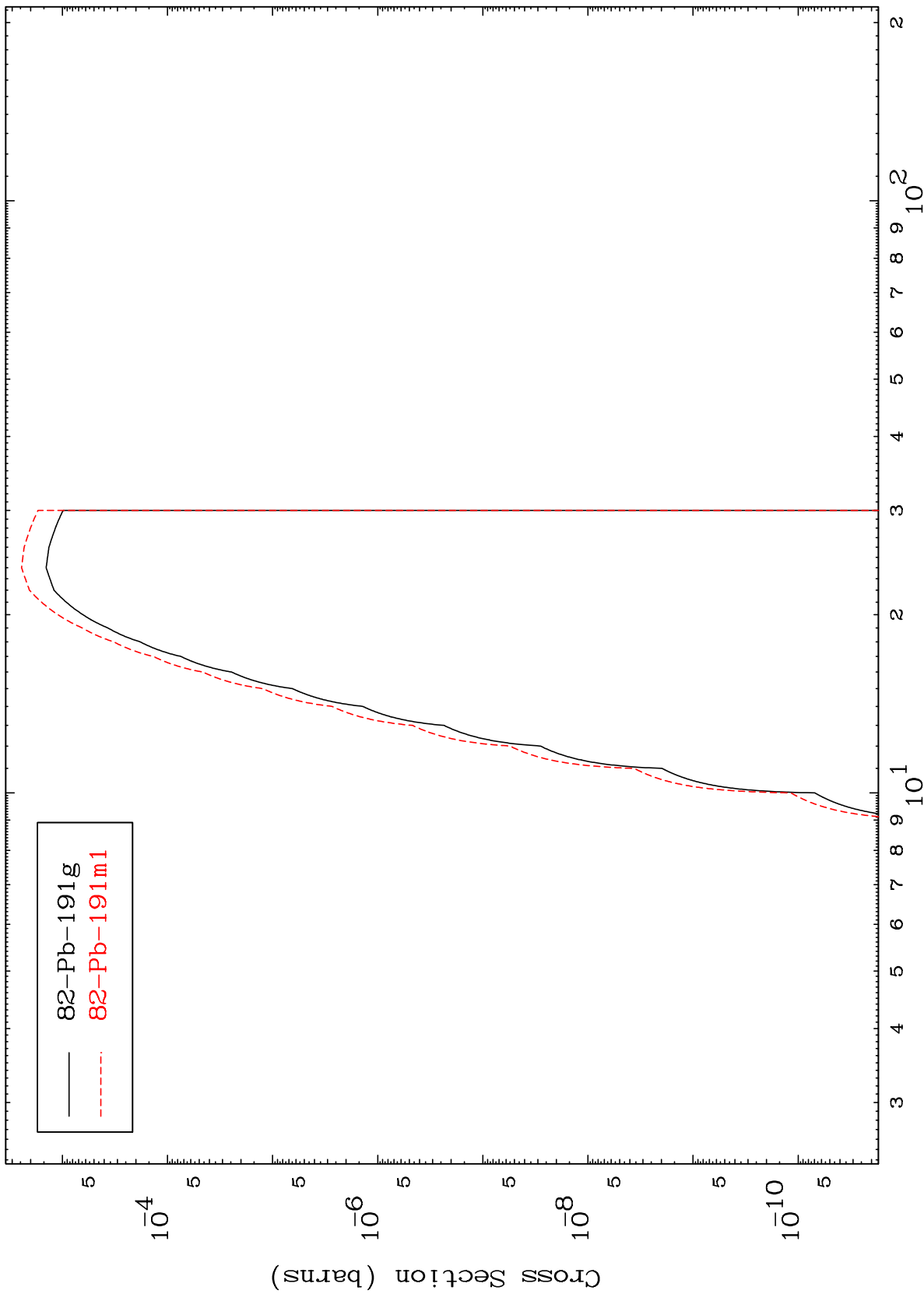
0 Kelvin Cross Sections



MAT 8004

80-Hg-189

Radionuclide Production Cross Section

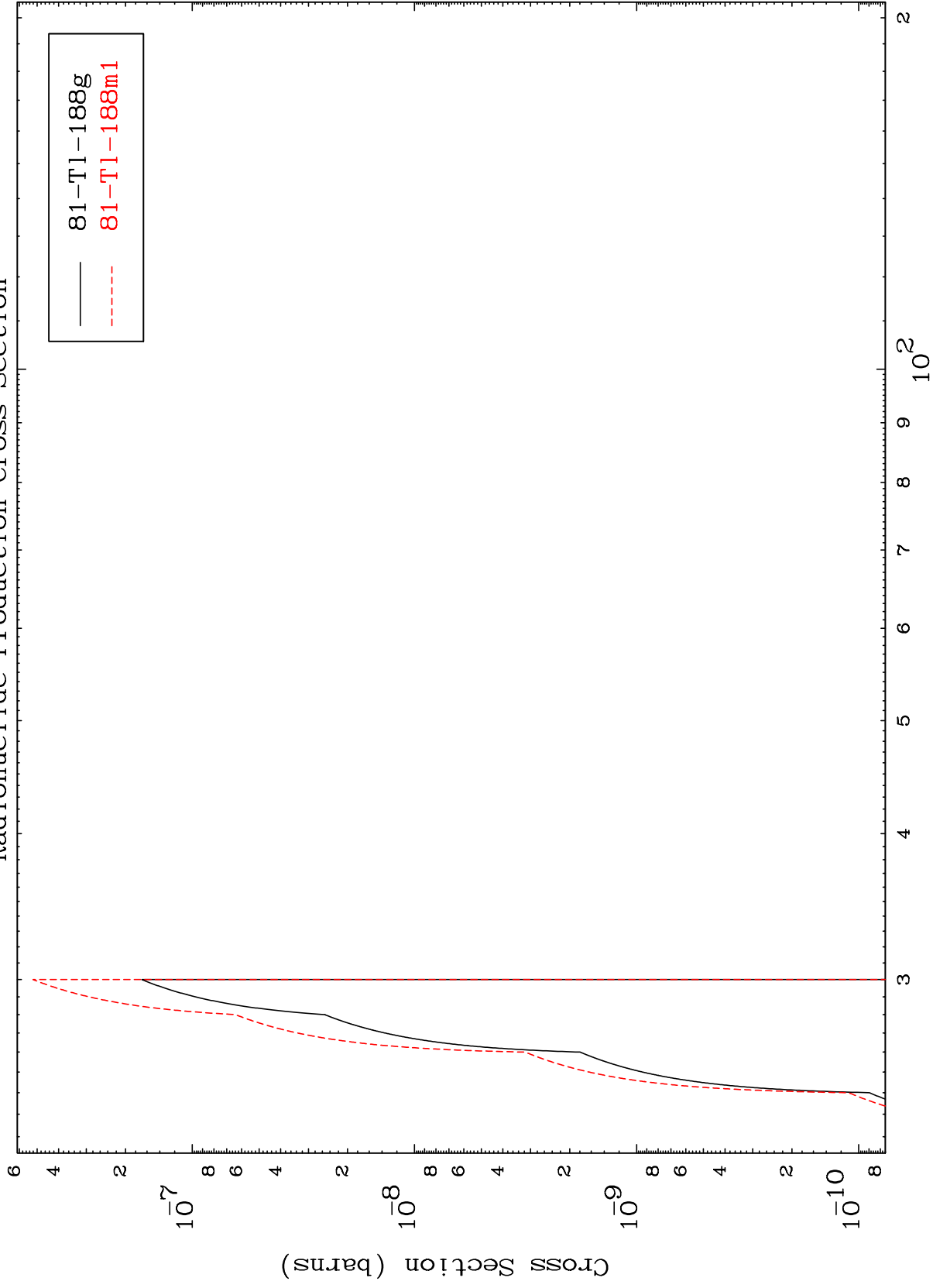


MAT 8004

(n,2n) d

80-Hg-189

Radionuclide Production Cross Section



13

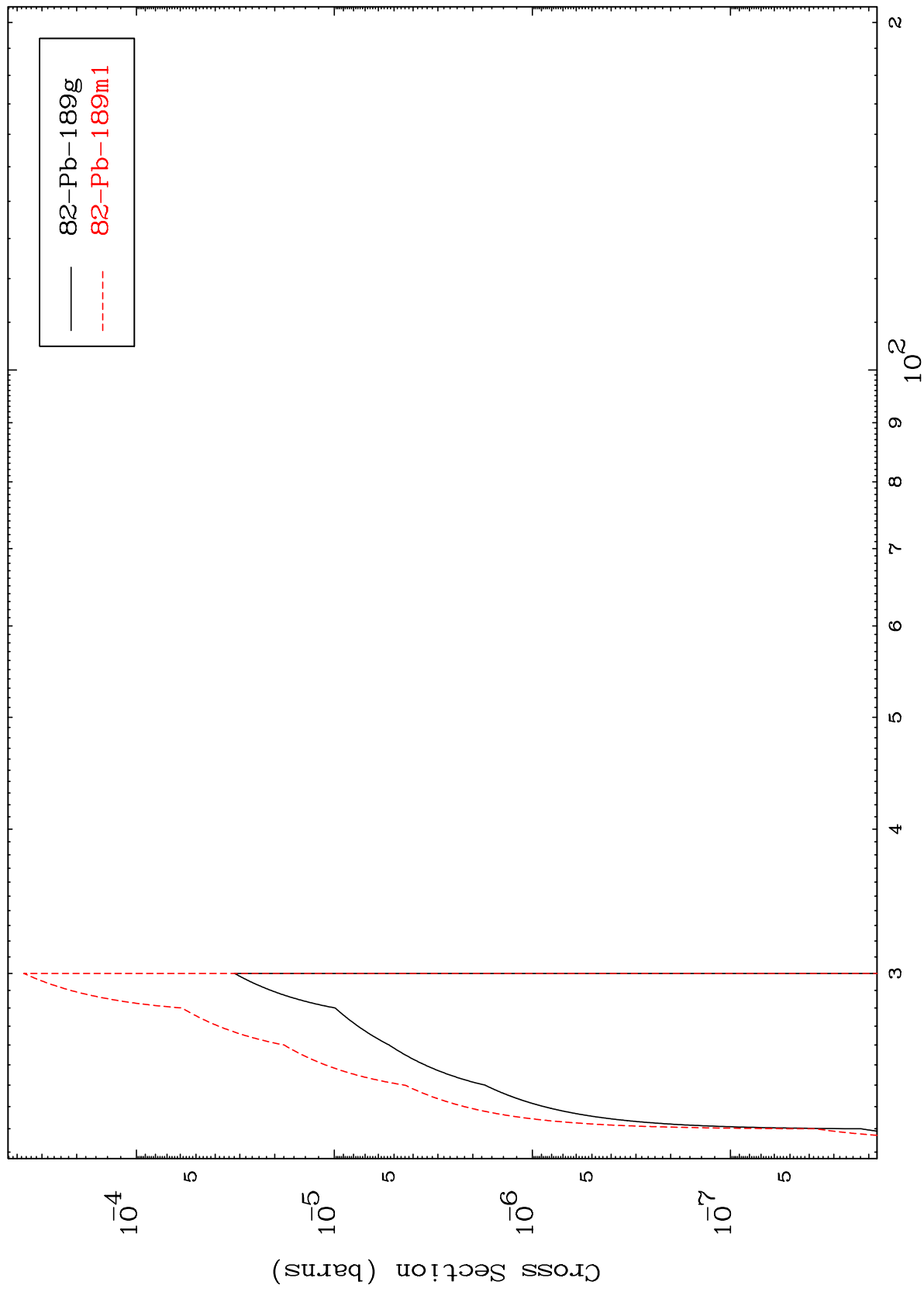
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(n,3n)
Radionuclide Production Cross Section



80-Hg-189

Incident Energy (MeV)

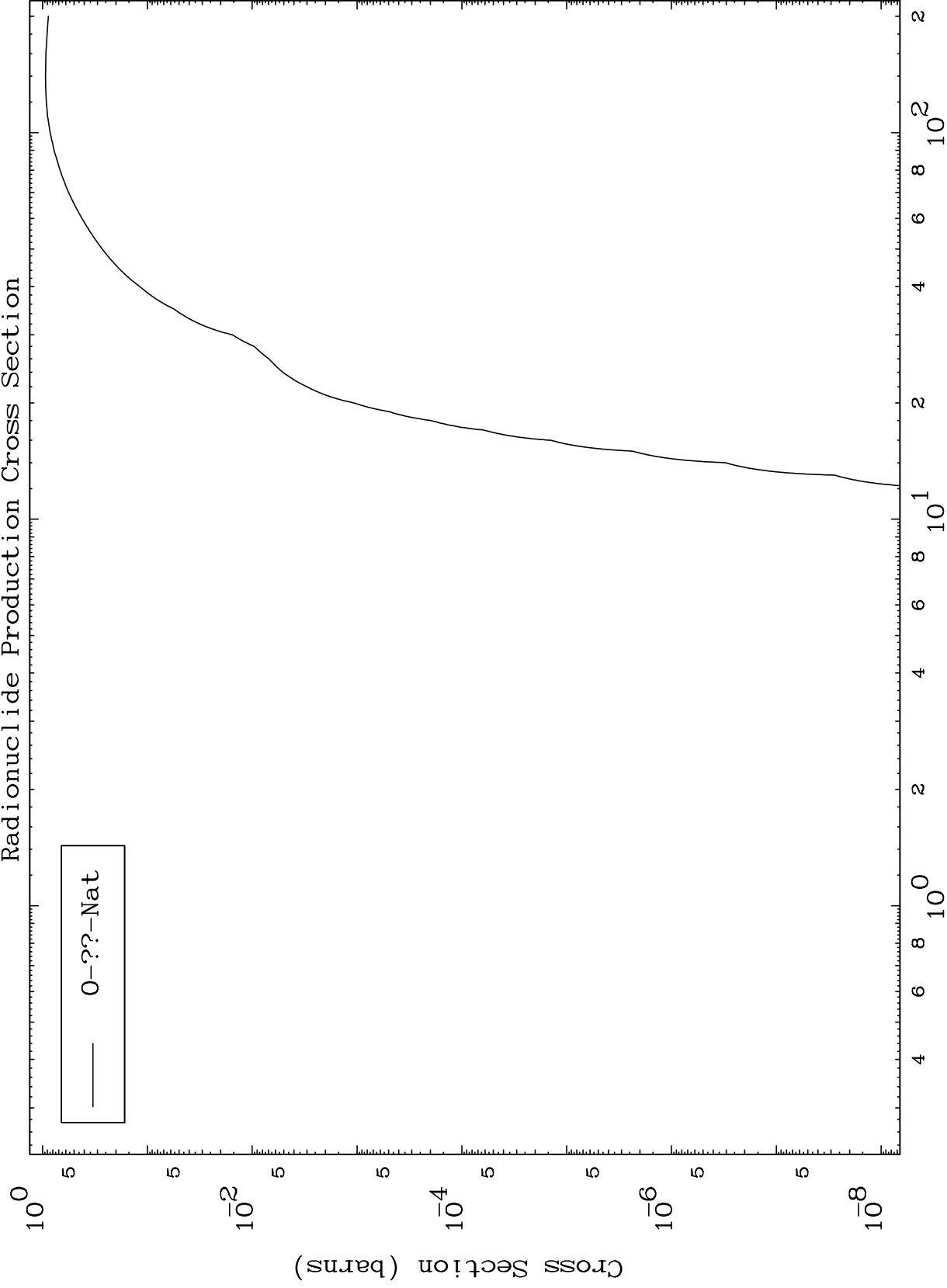
14

MAT 8004

Fission

80-Hg-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

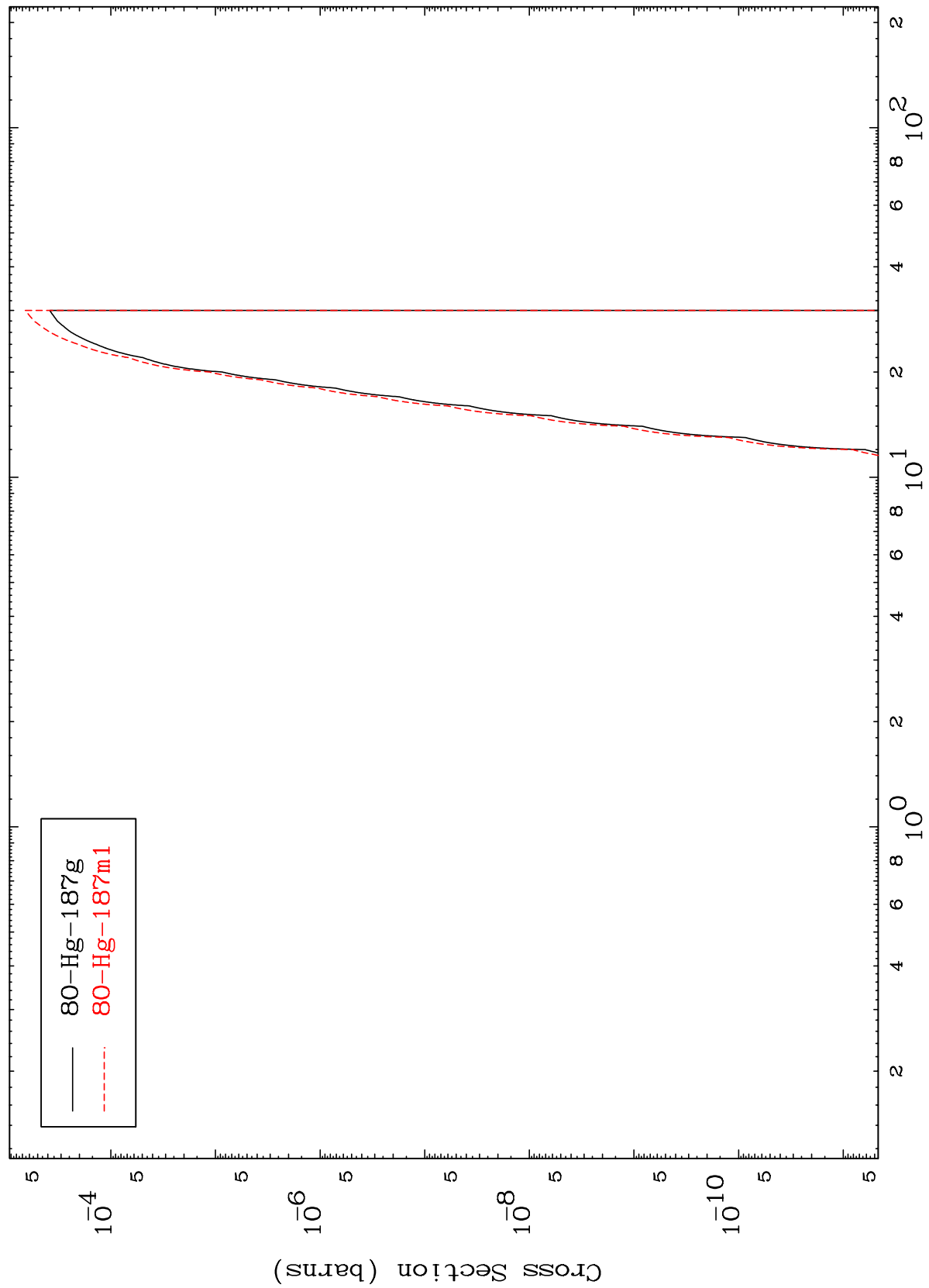
80-Hg-189

MAT 8004

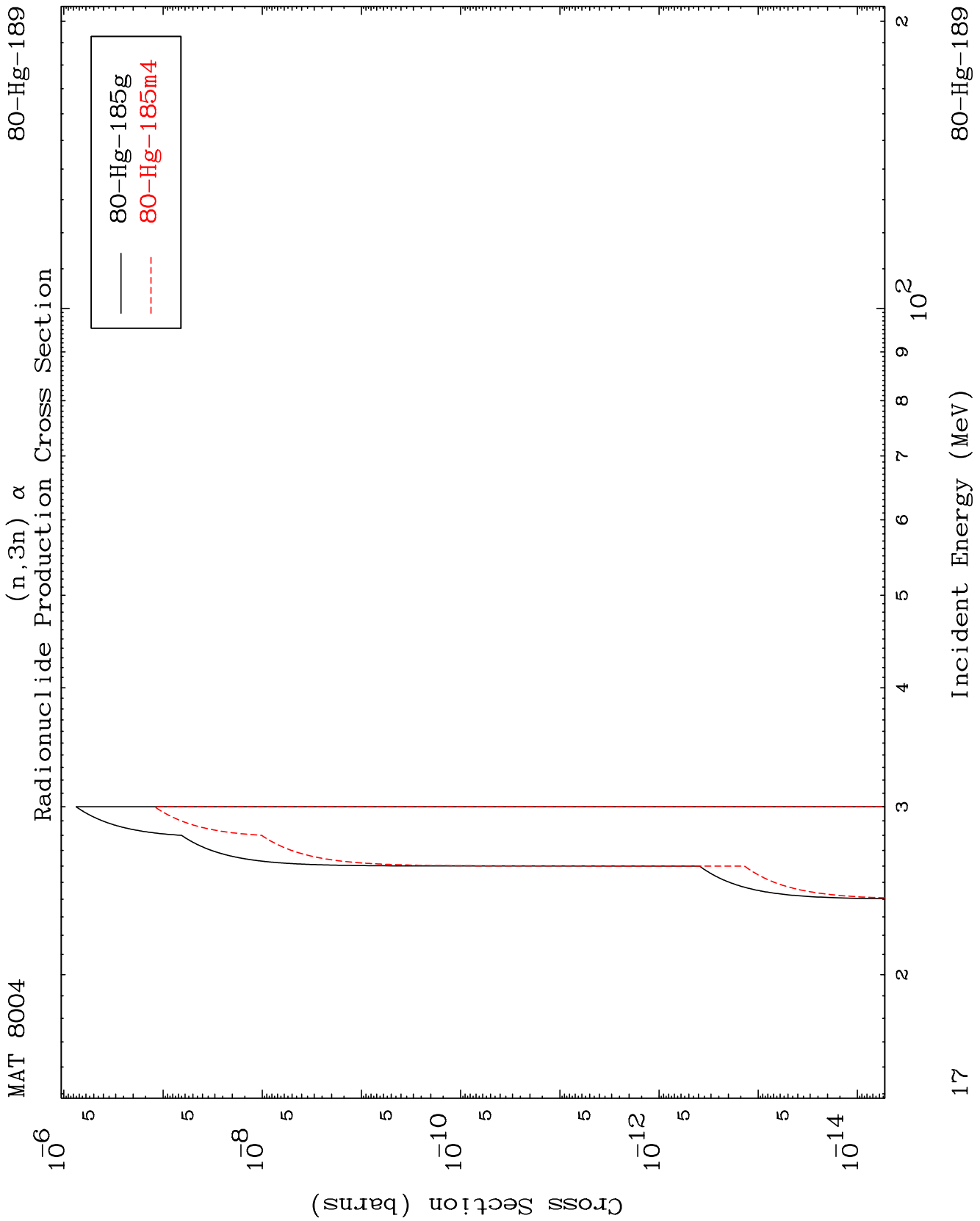
$(n, n') \alpha$

80-Hg-189

Radionuclide Production Cross Section



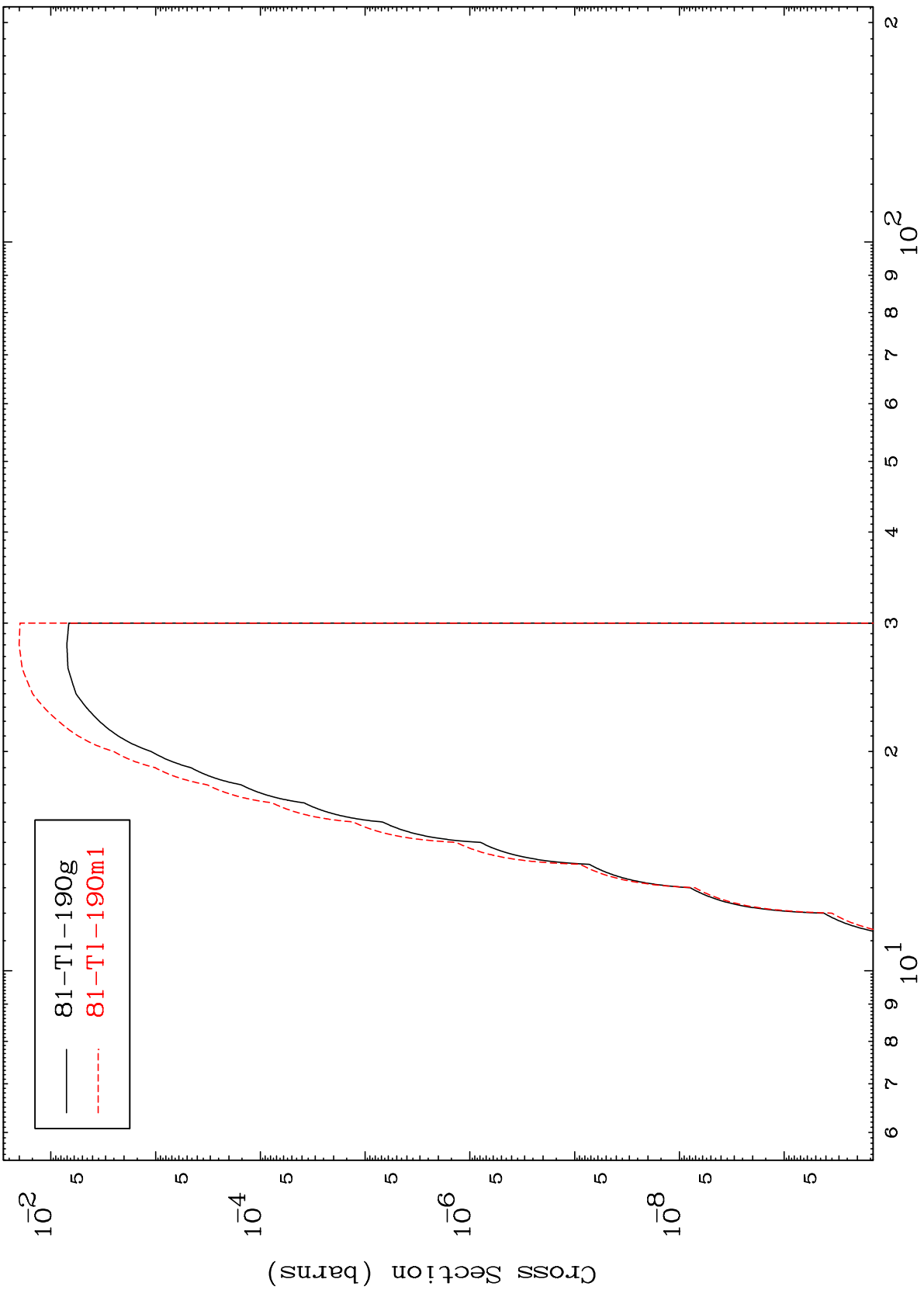
80-Hg-187g
80-Hg-187m1



MAT 8004

80-Hg-189

(n,n') p
Radionuclide Production Cross Section



80-Hg-189

Incident Energy (MeV)

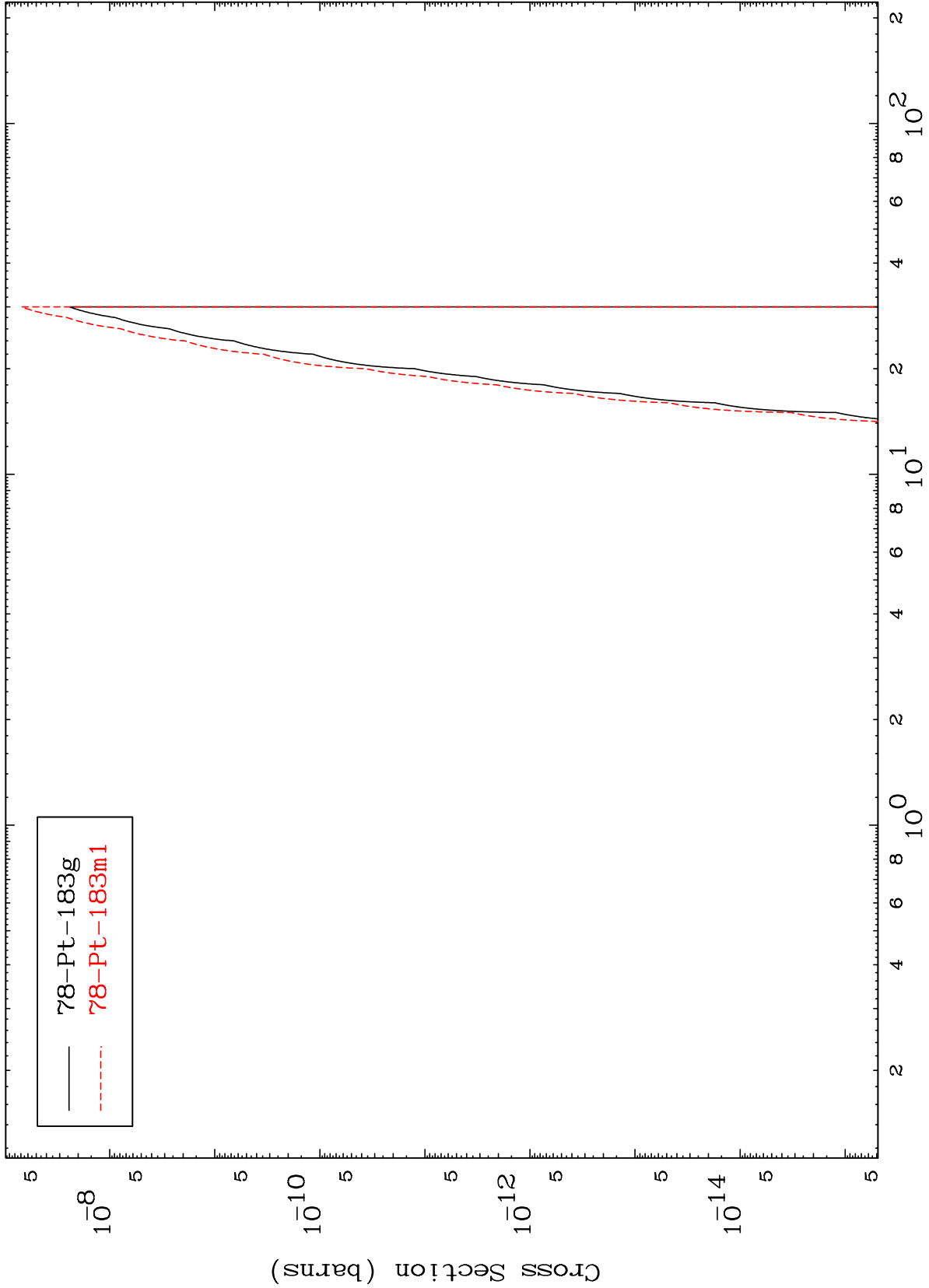
18

MAT 8004

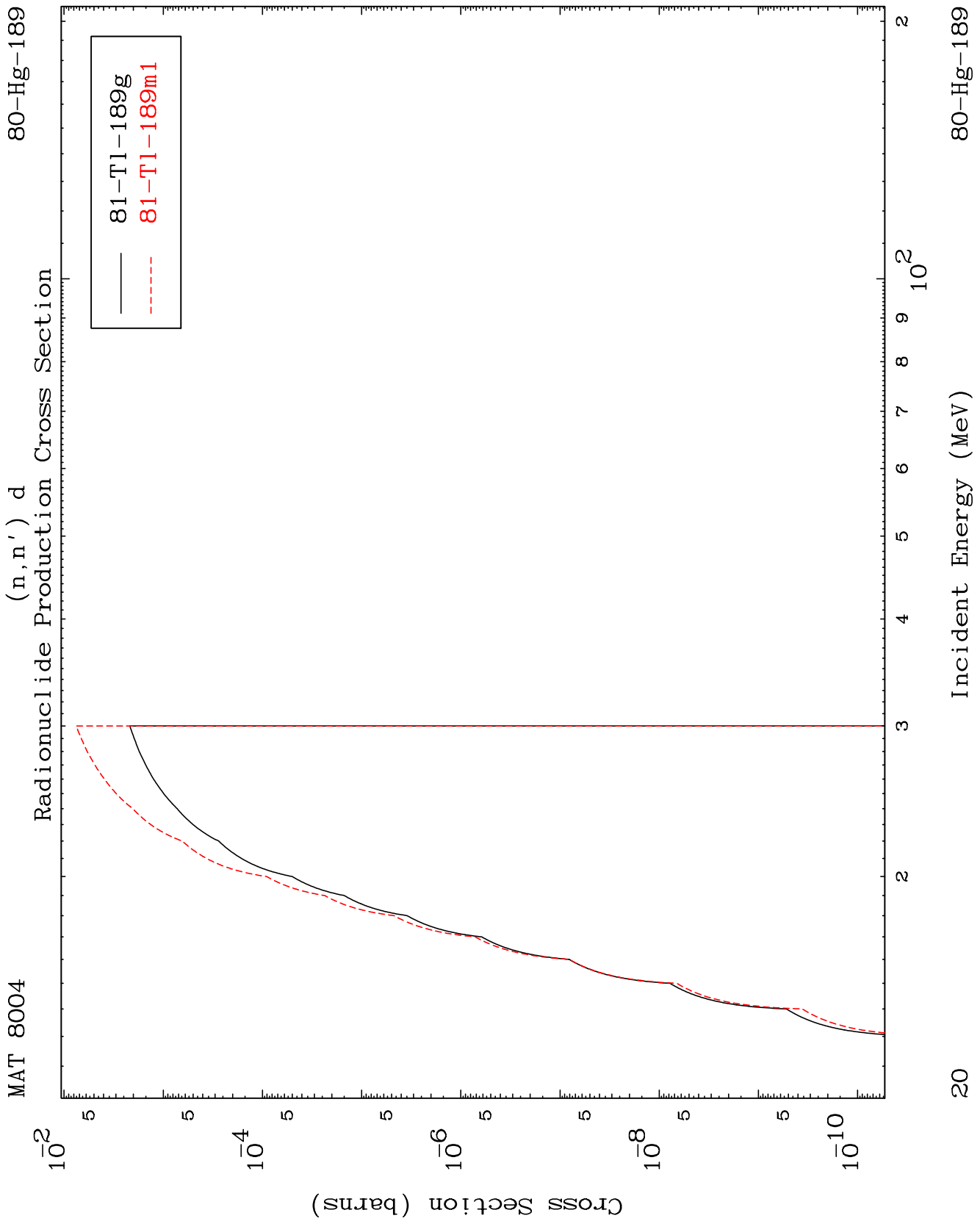
(n,n') 2α

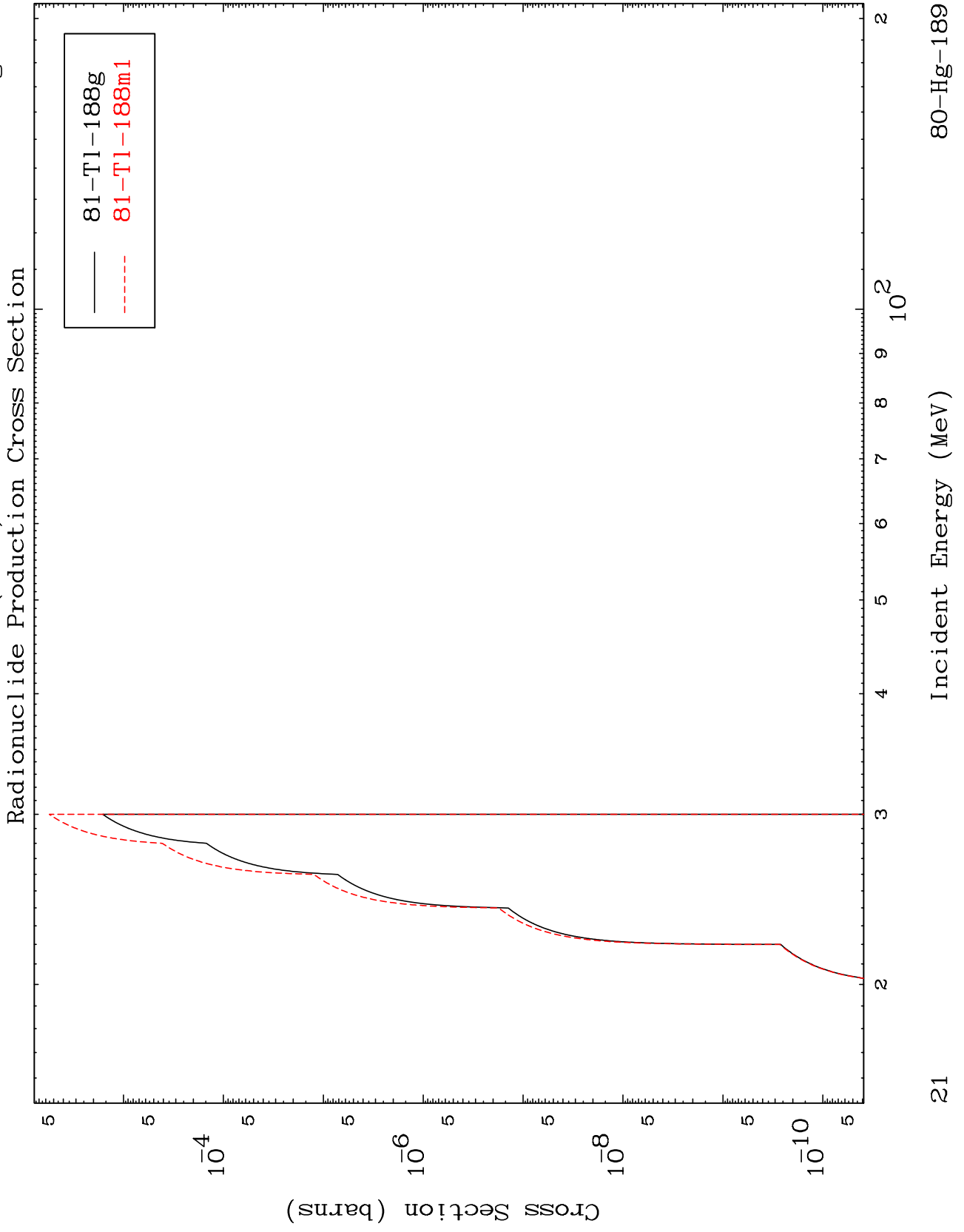
80-Hg-189

Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

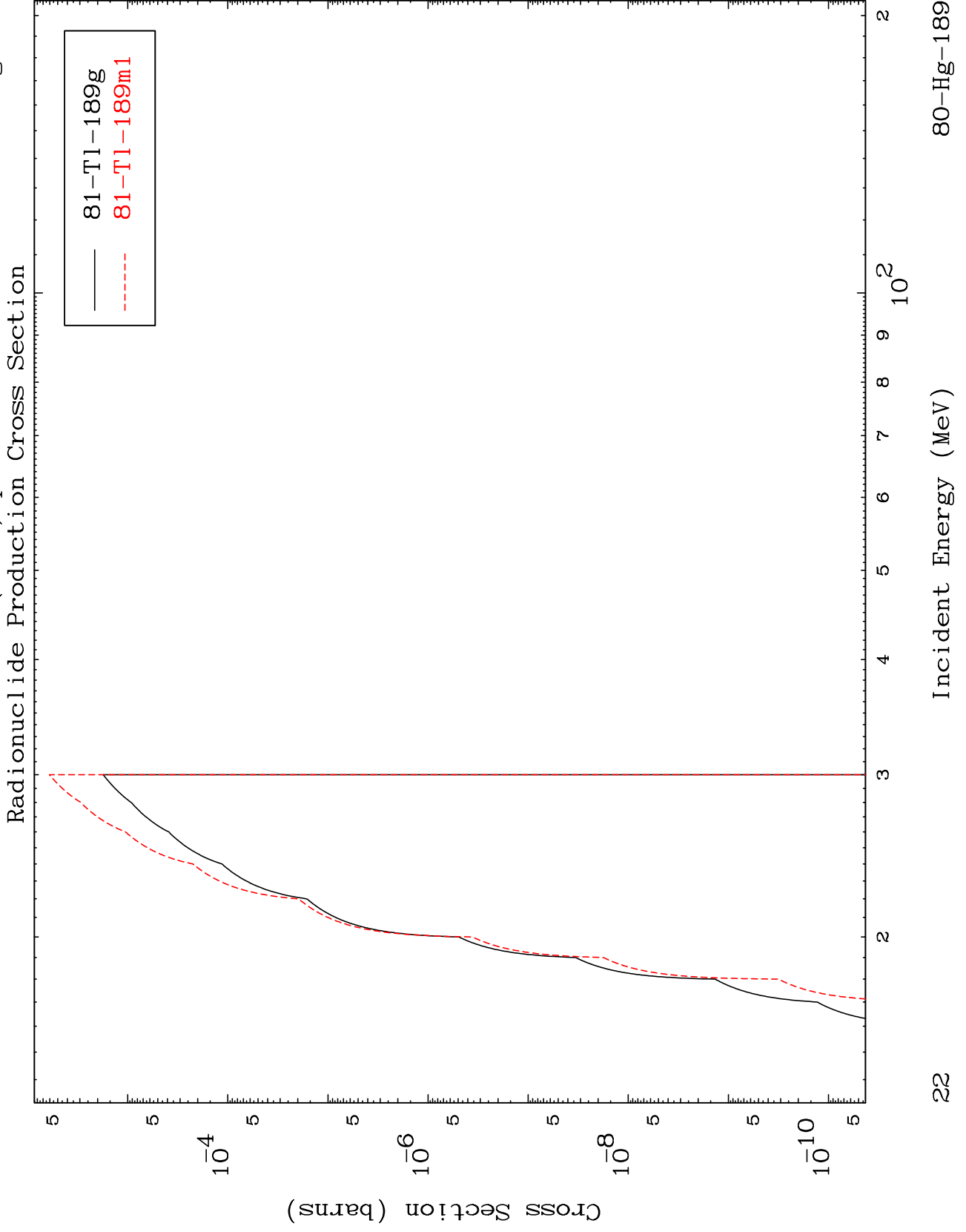




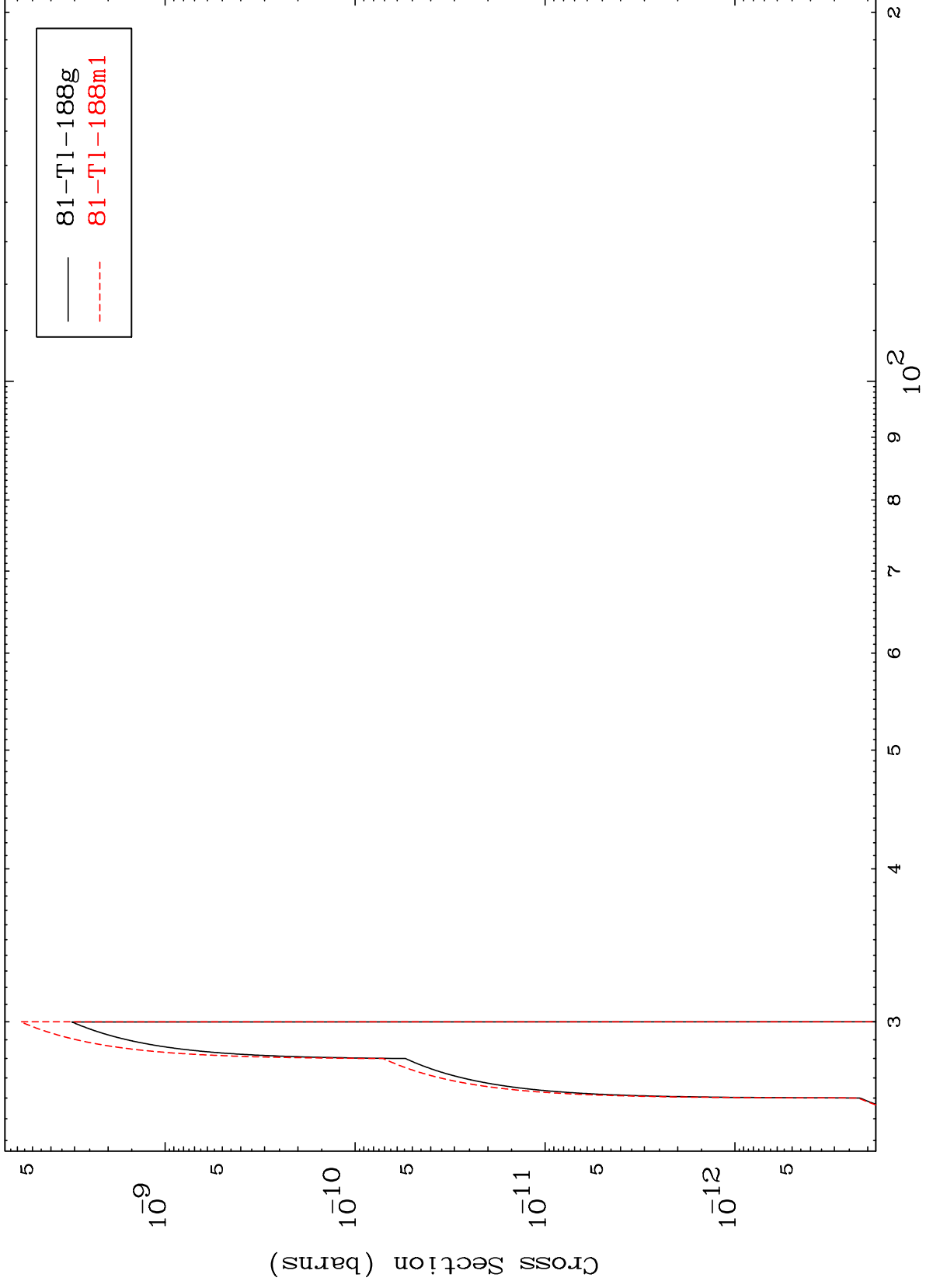
MAT 8004

(n,2n) p

80-Hg-189



Radionuclide Production Cross Section

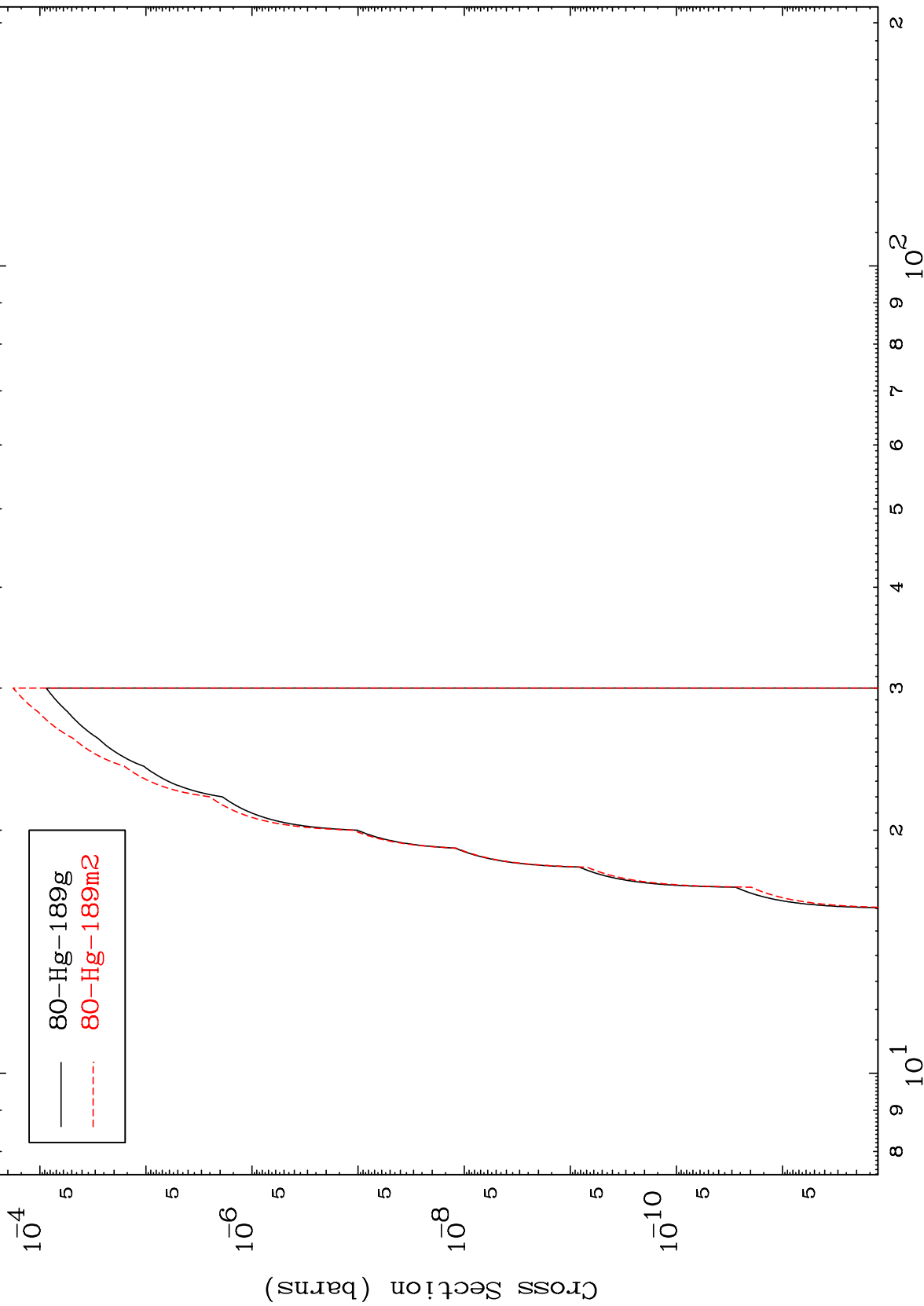


MAT 8004

(n,2n) p

80-Hg-189

Radionuclide Production Cross Section



24

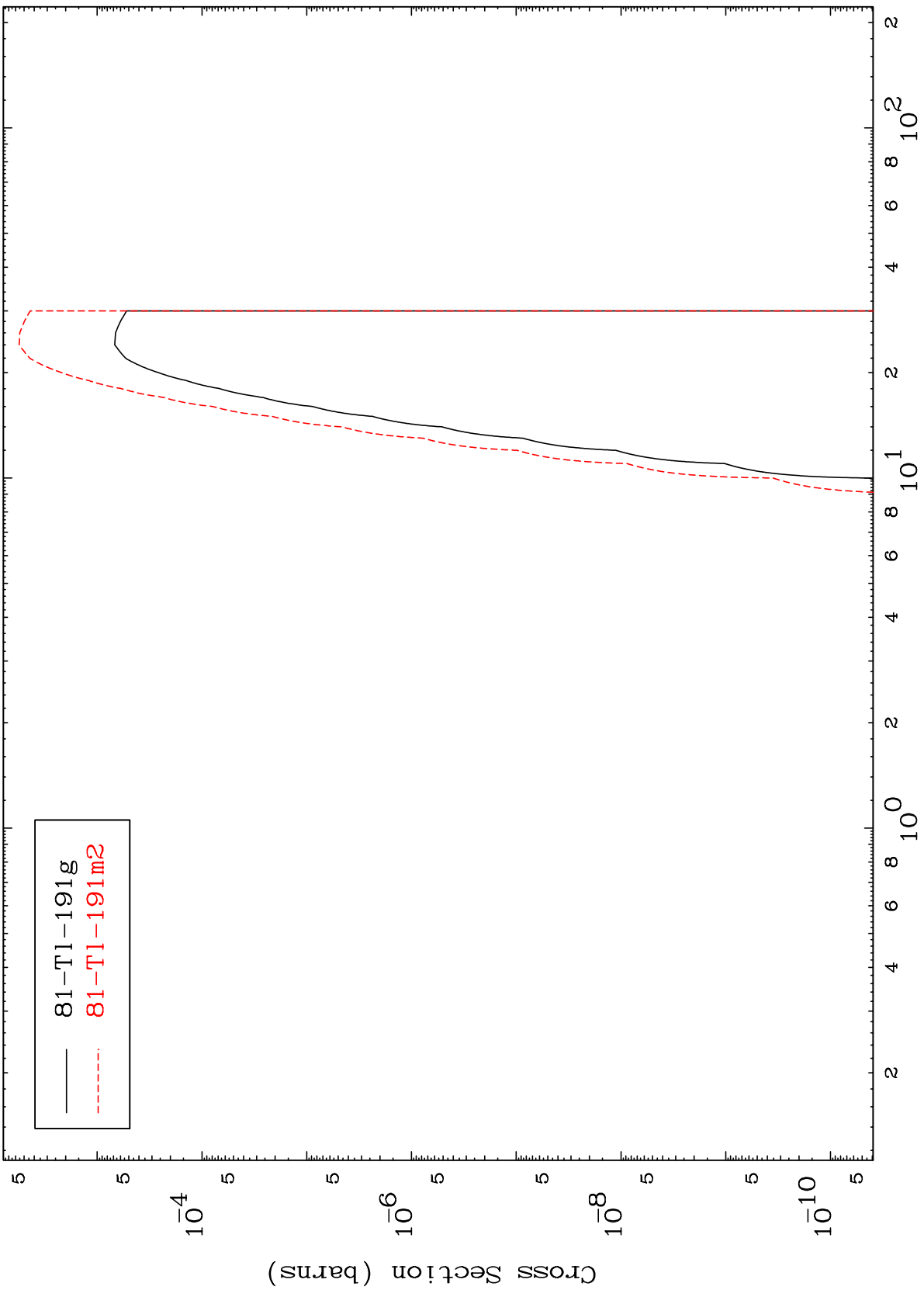
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(n,p)
Radionuclide Production Cross Section



— 81-Tl-191g
- - - 81-Tl-191m2

80-Hg-189

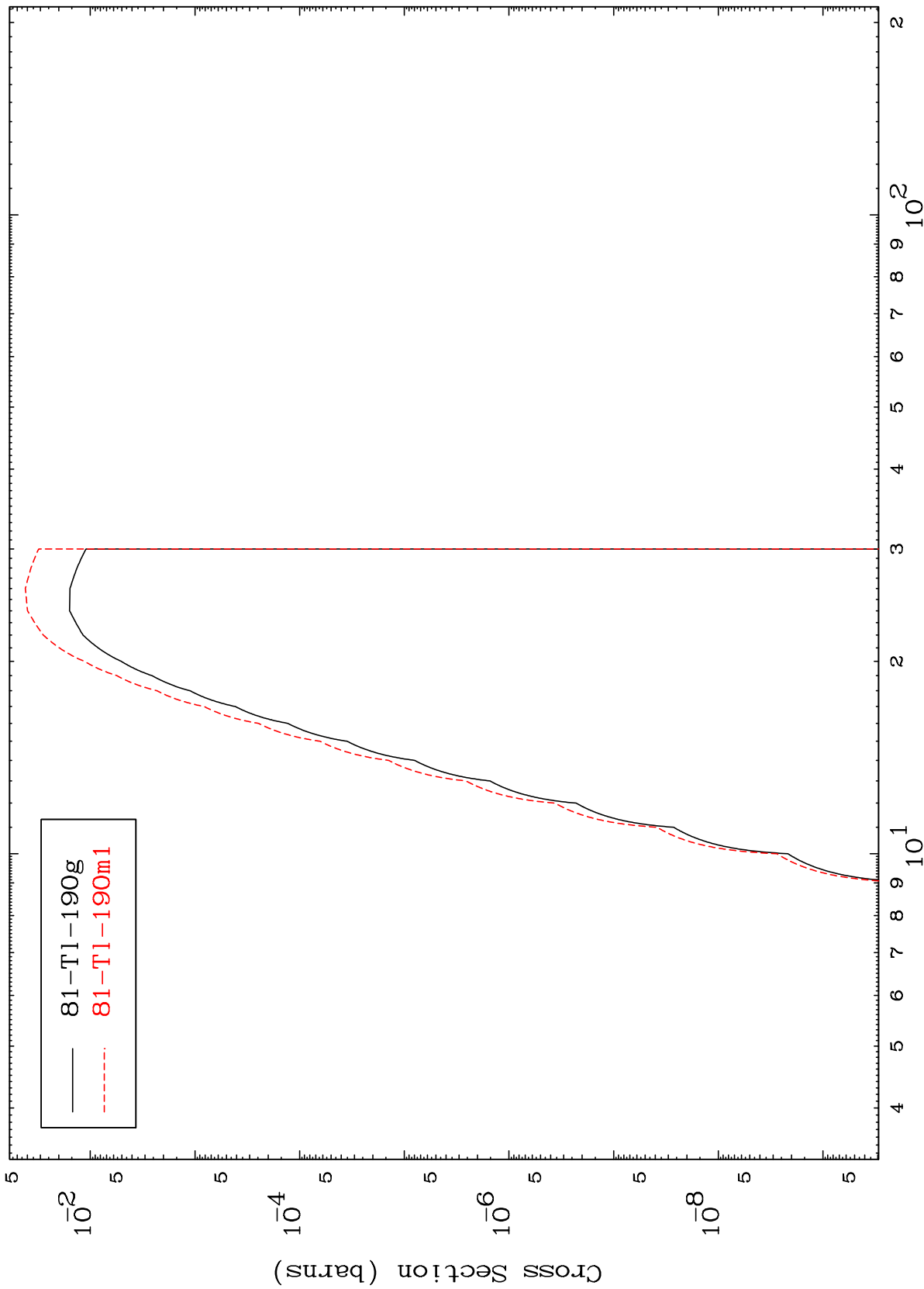
Incident Energy (MeV)

25

MAT 8004

80-Hg-189

(n,d)
Radionuclide Production Cross Section



26

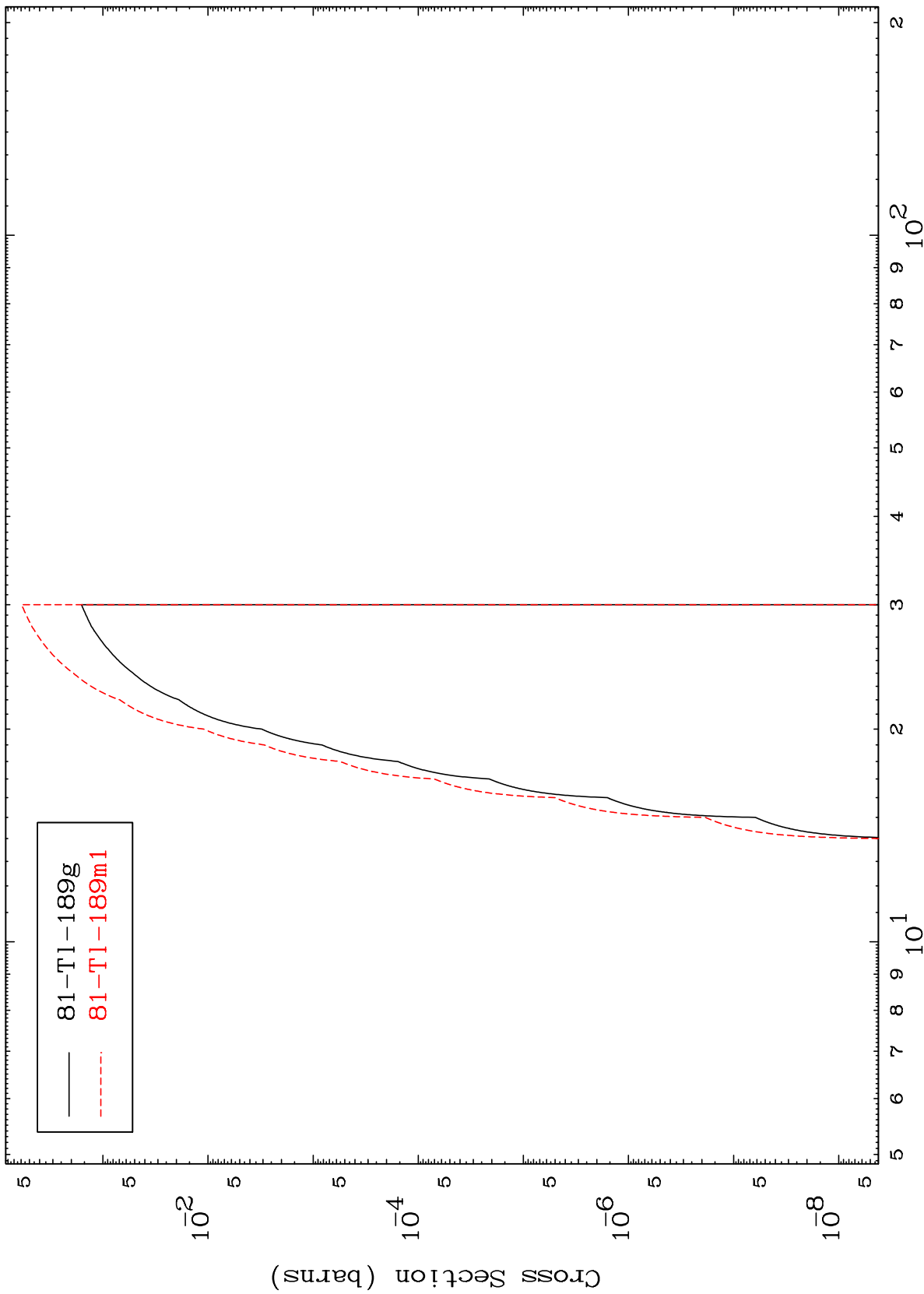
80-Hg-189

Incident Energy (MeV)

MAT 8004

80-Hg-189

(n, t)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

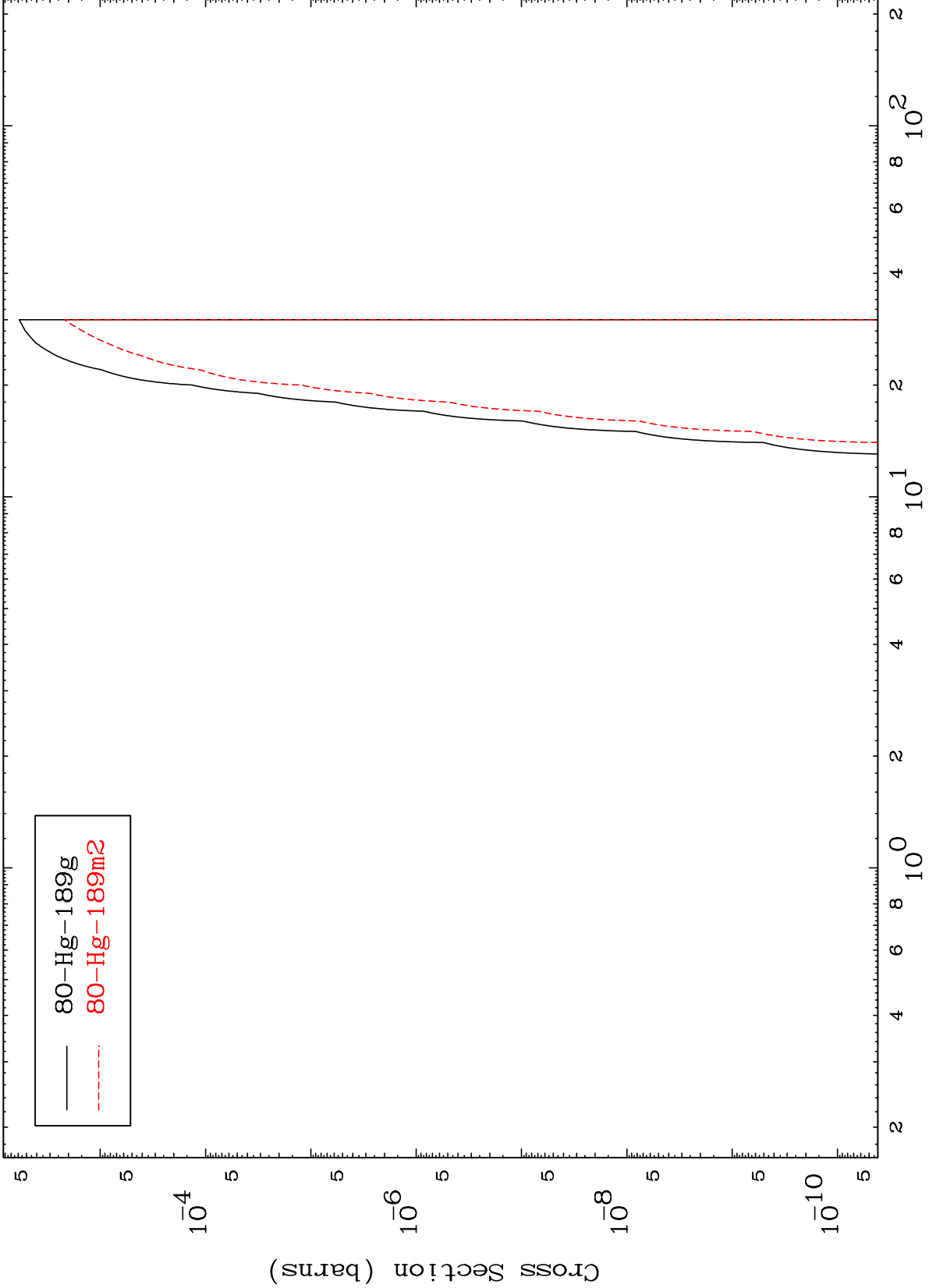
80-Hg-189

MAT 8004

(n,He-3)

80-Hg-189

Radionuclide Production Cross Section

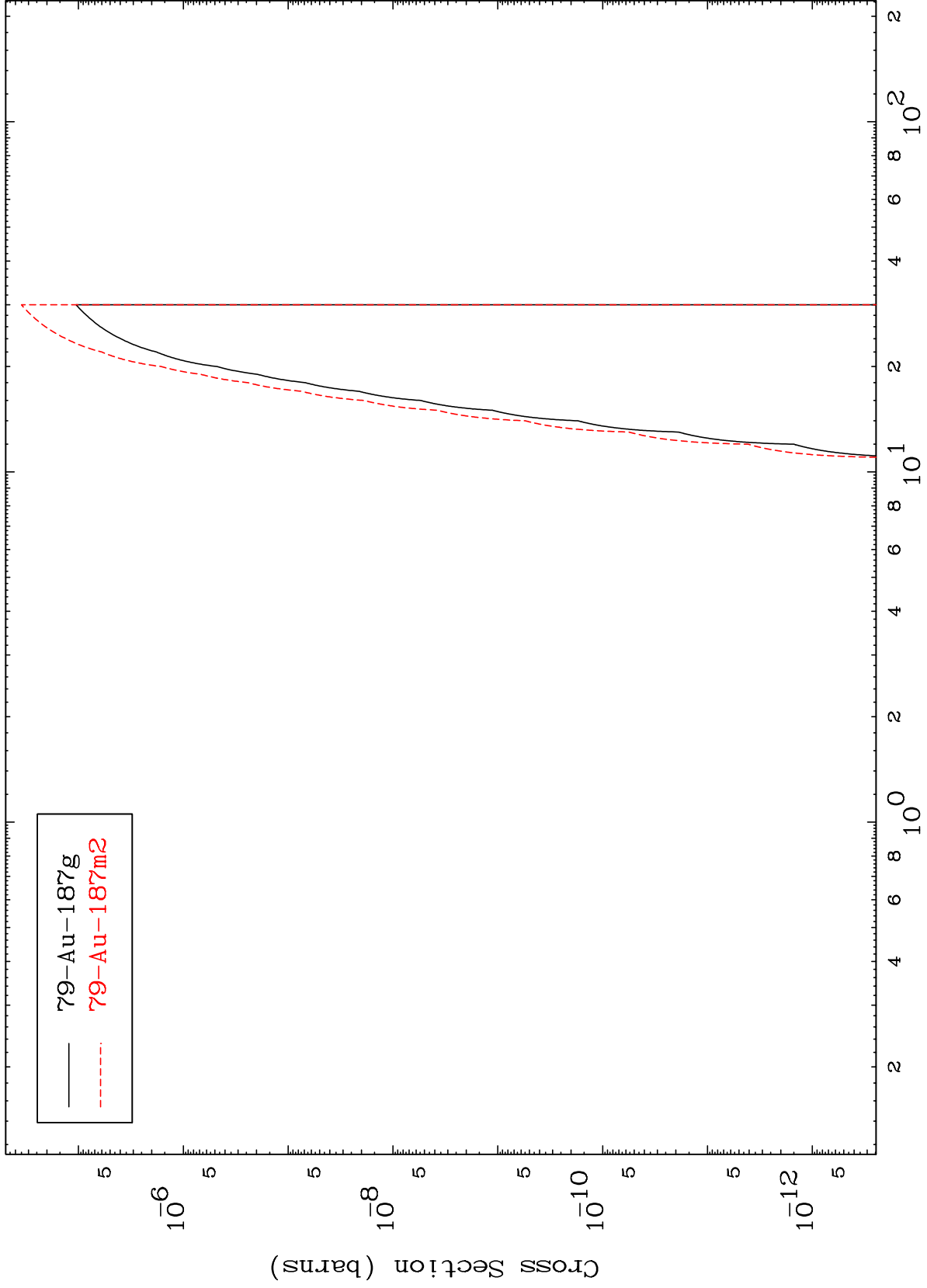


MAT 8004

(n,p) α

80-Hg-189

Radionuclide Production Cross Section

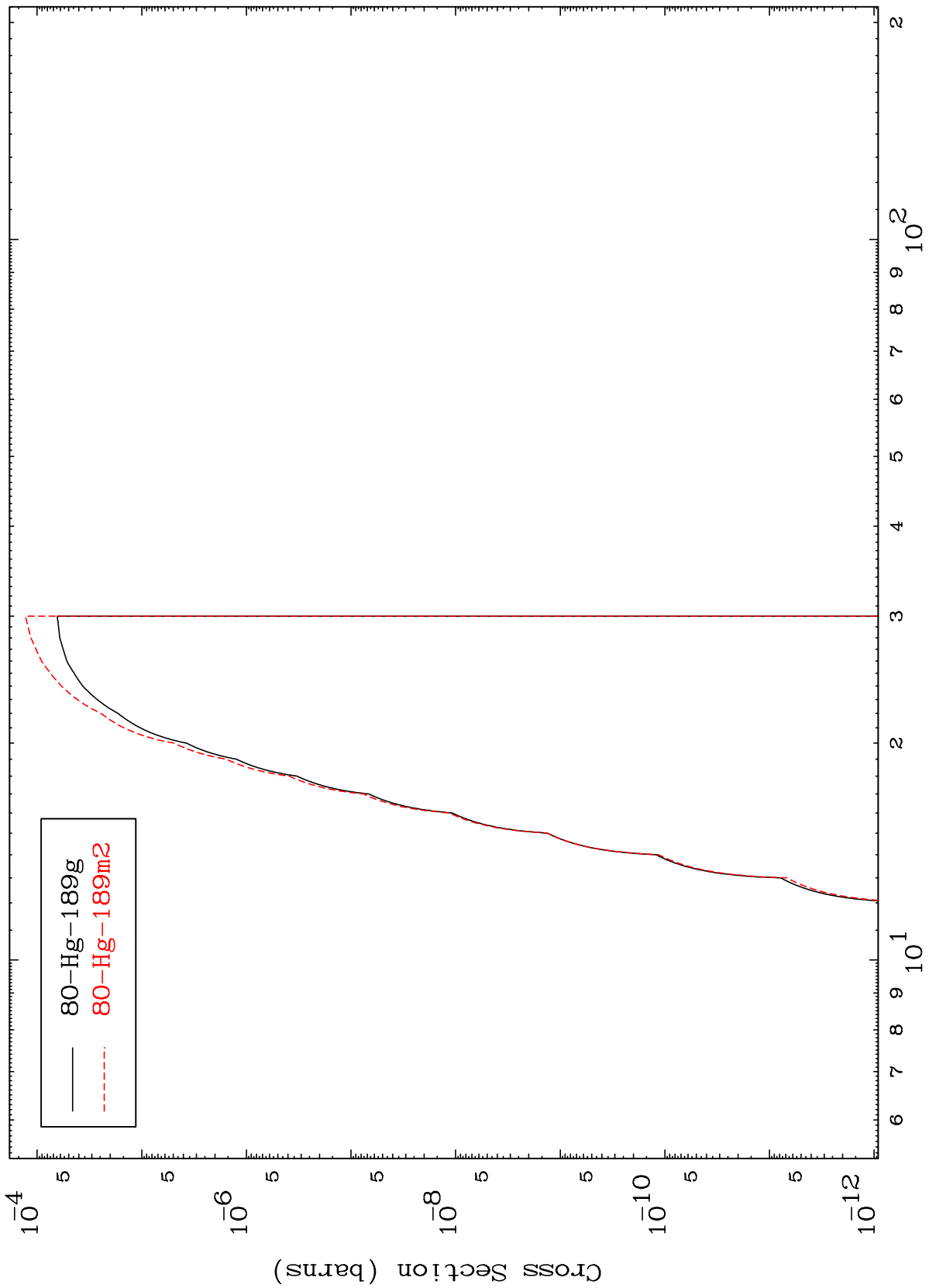


MAT 8004

(n,p) d

80-Hg-189

Radionuclide Production Cross Section



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

30

Incident Energy (MeV)

80-Hg-189