

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

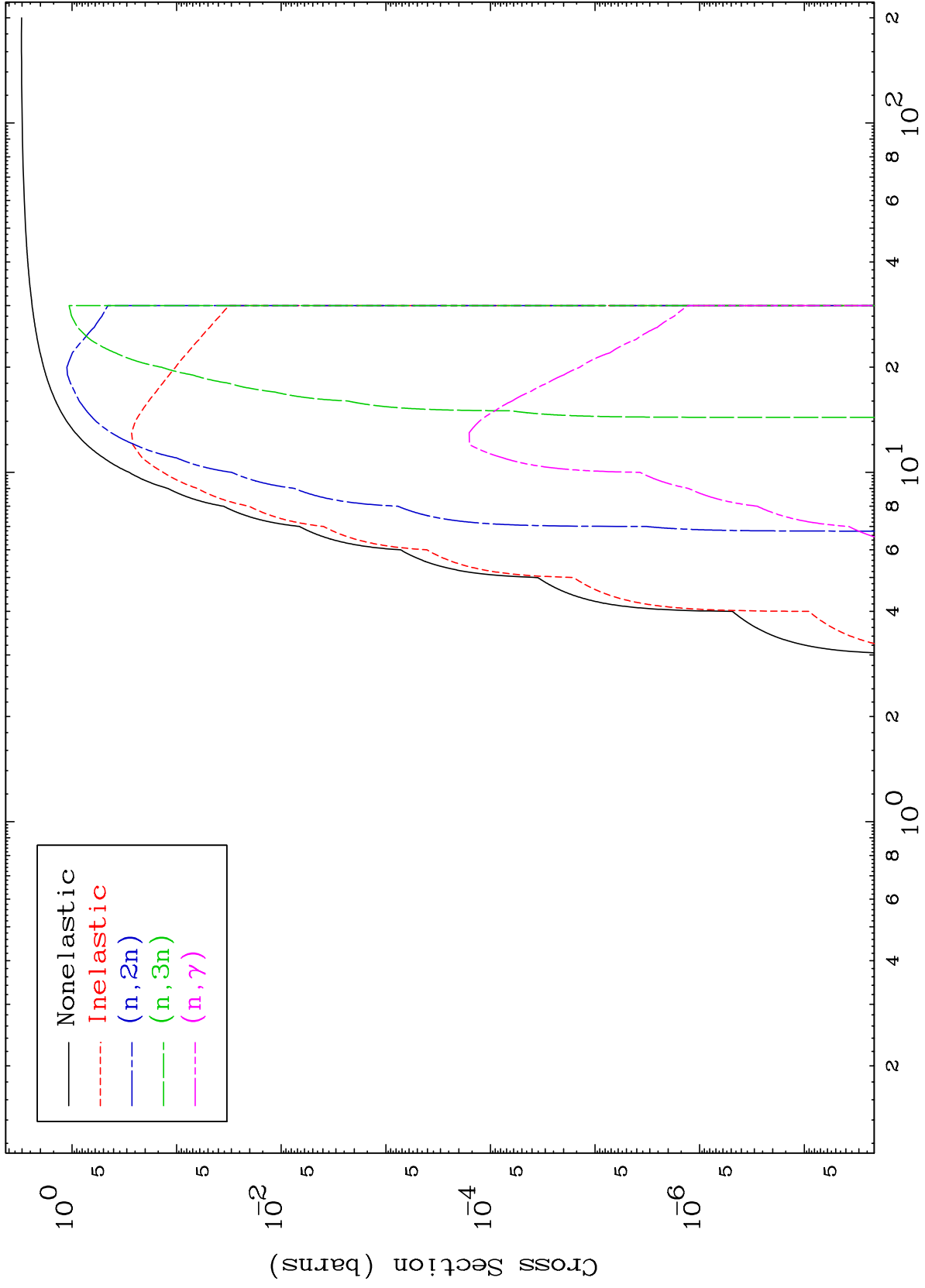
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

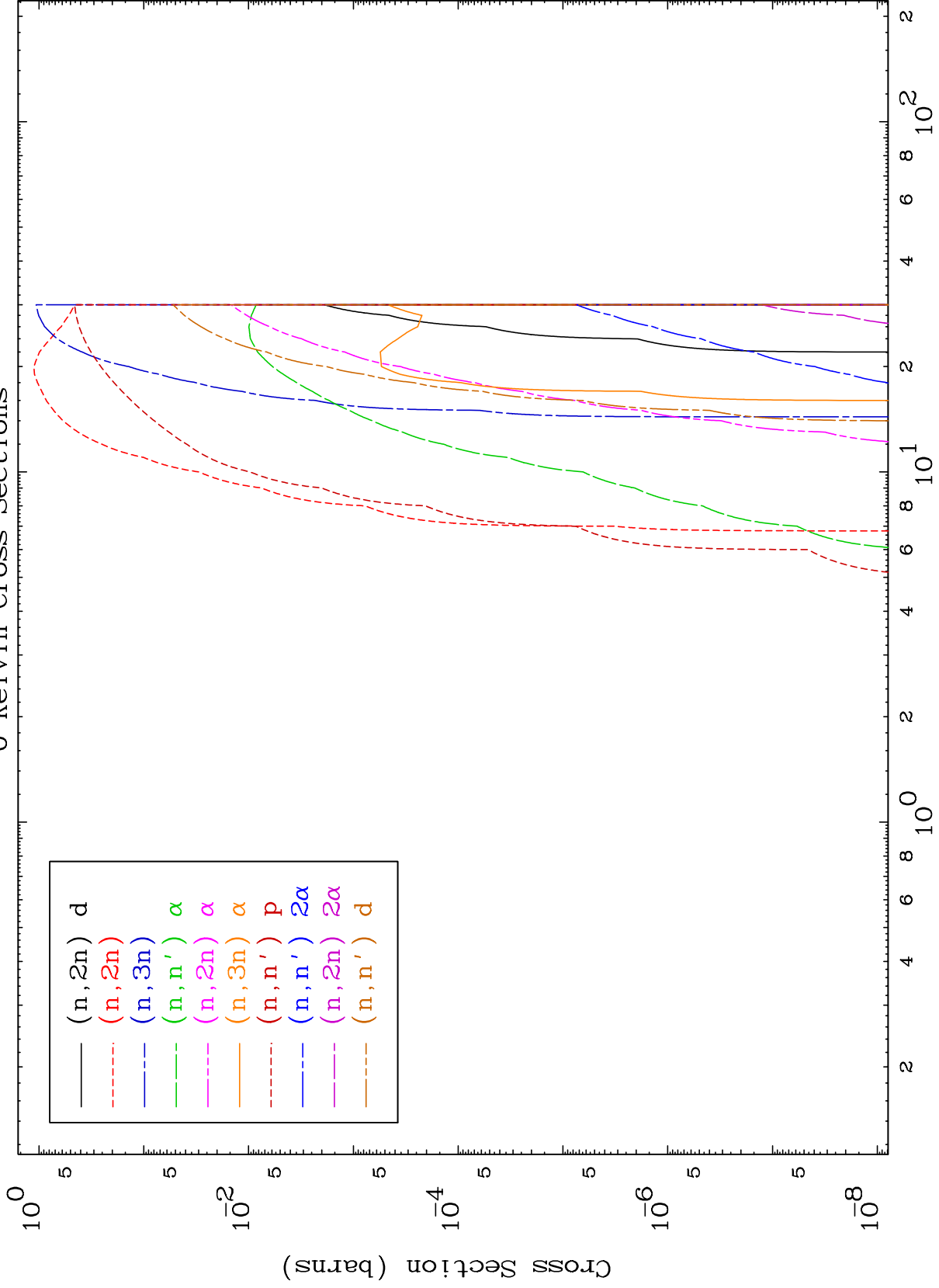
Press Mouse Button to Start

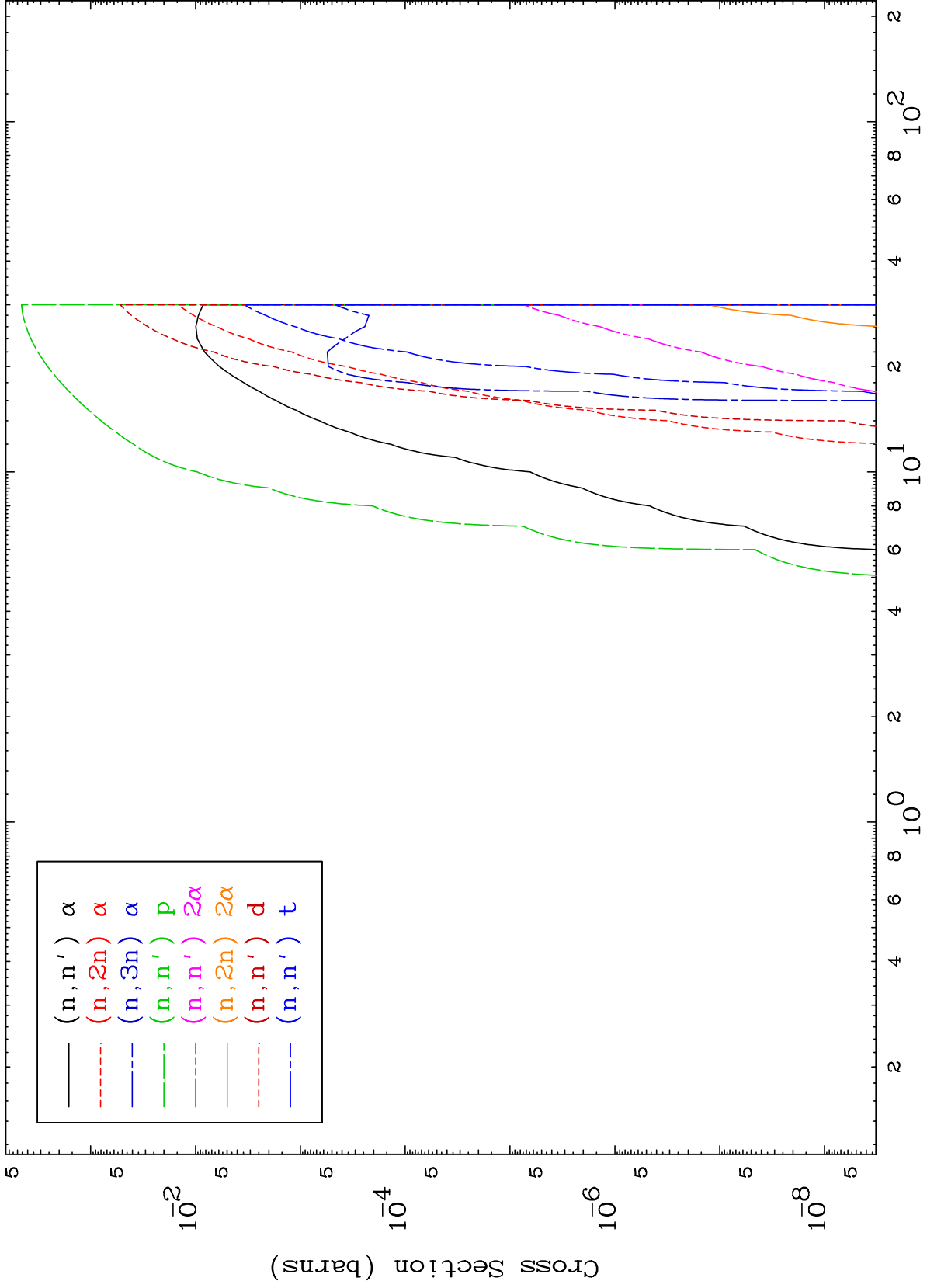


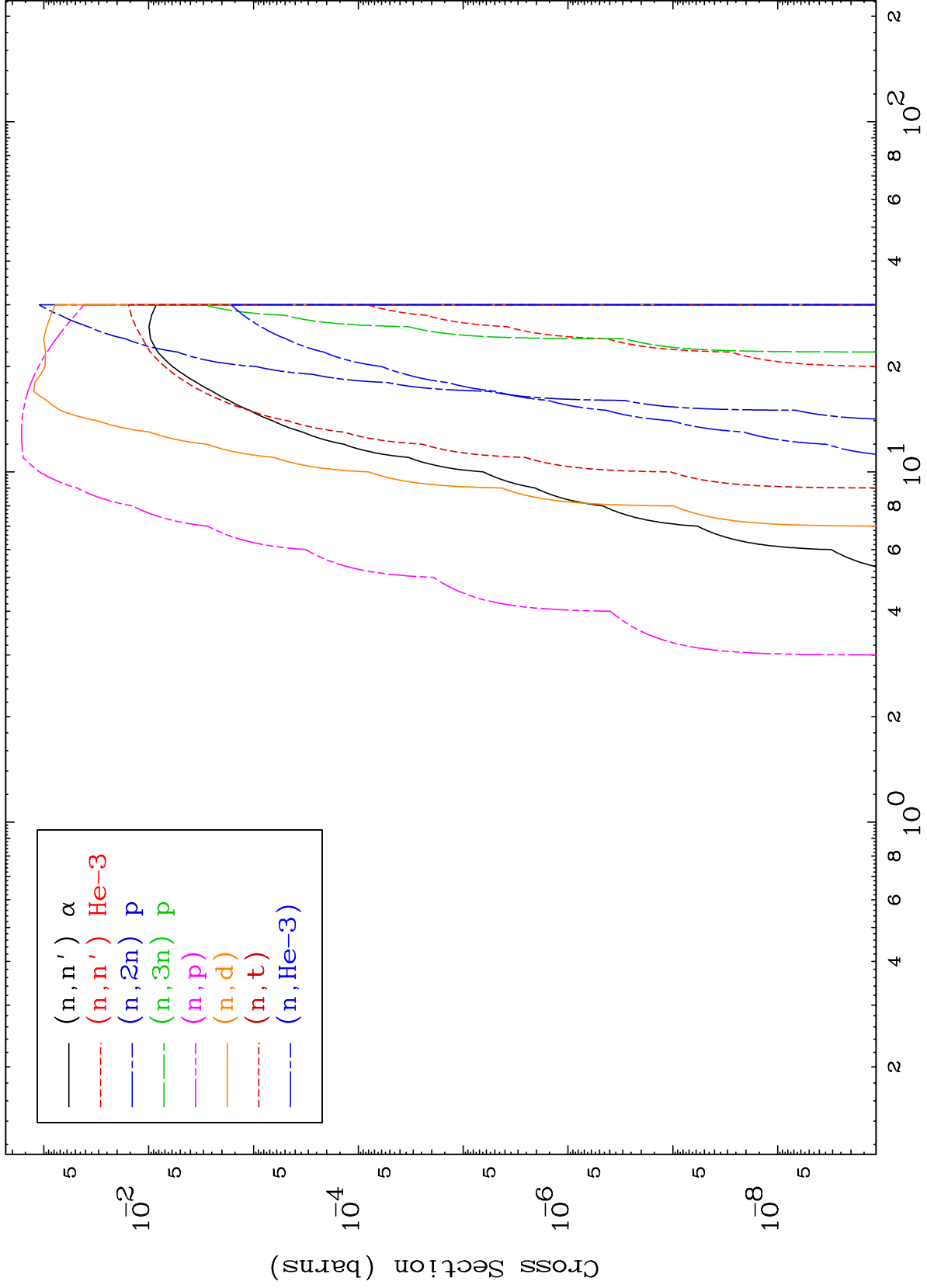
MAT 7902

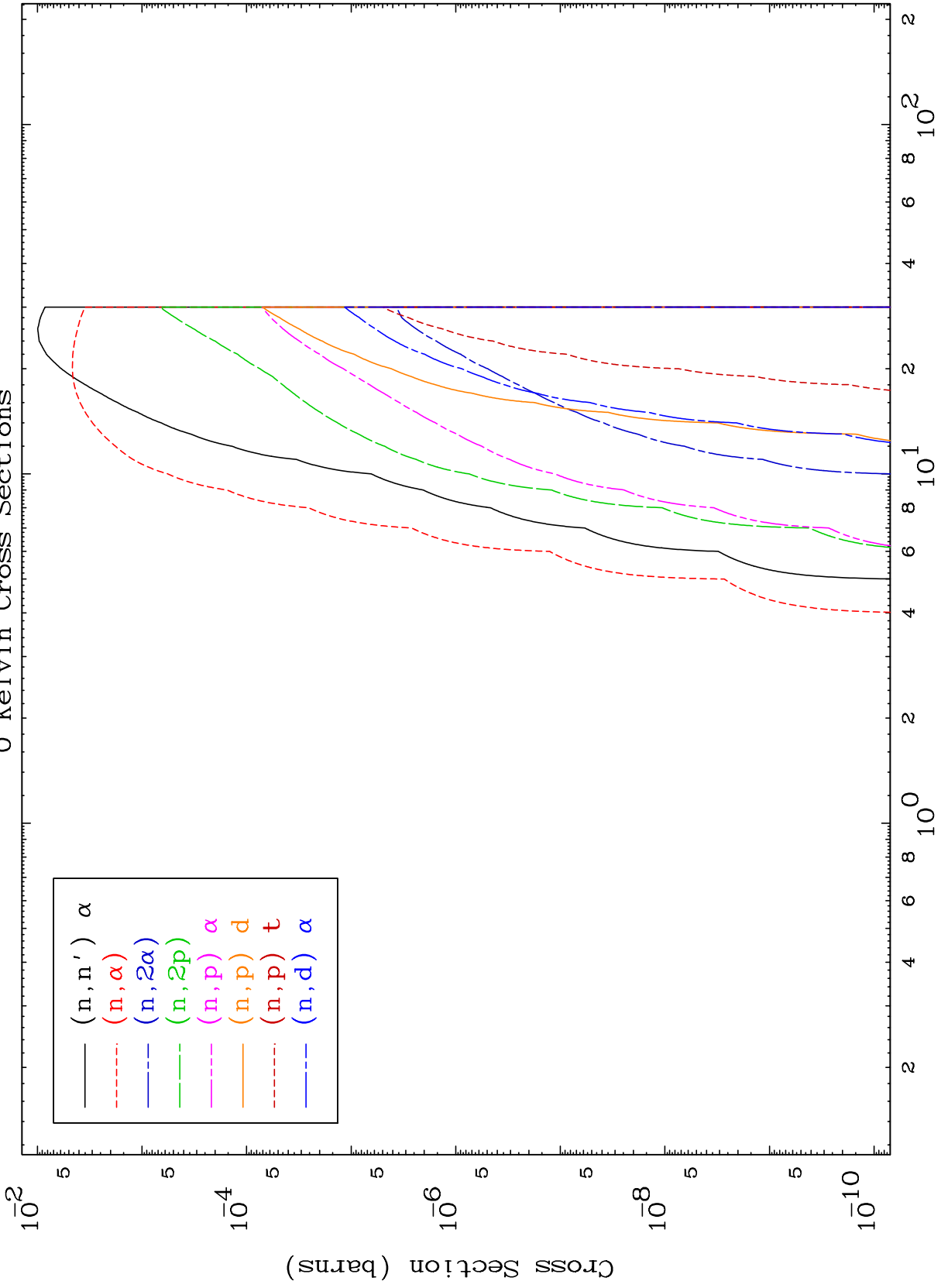
Deuteron Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-189m







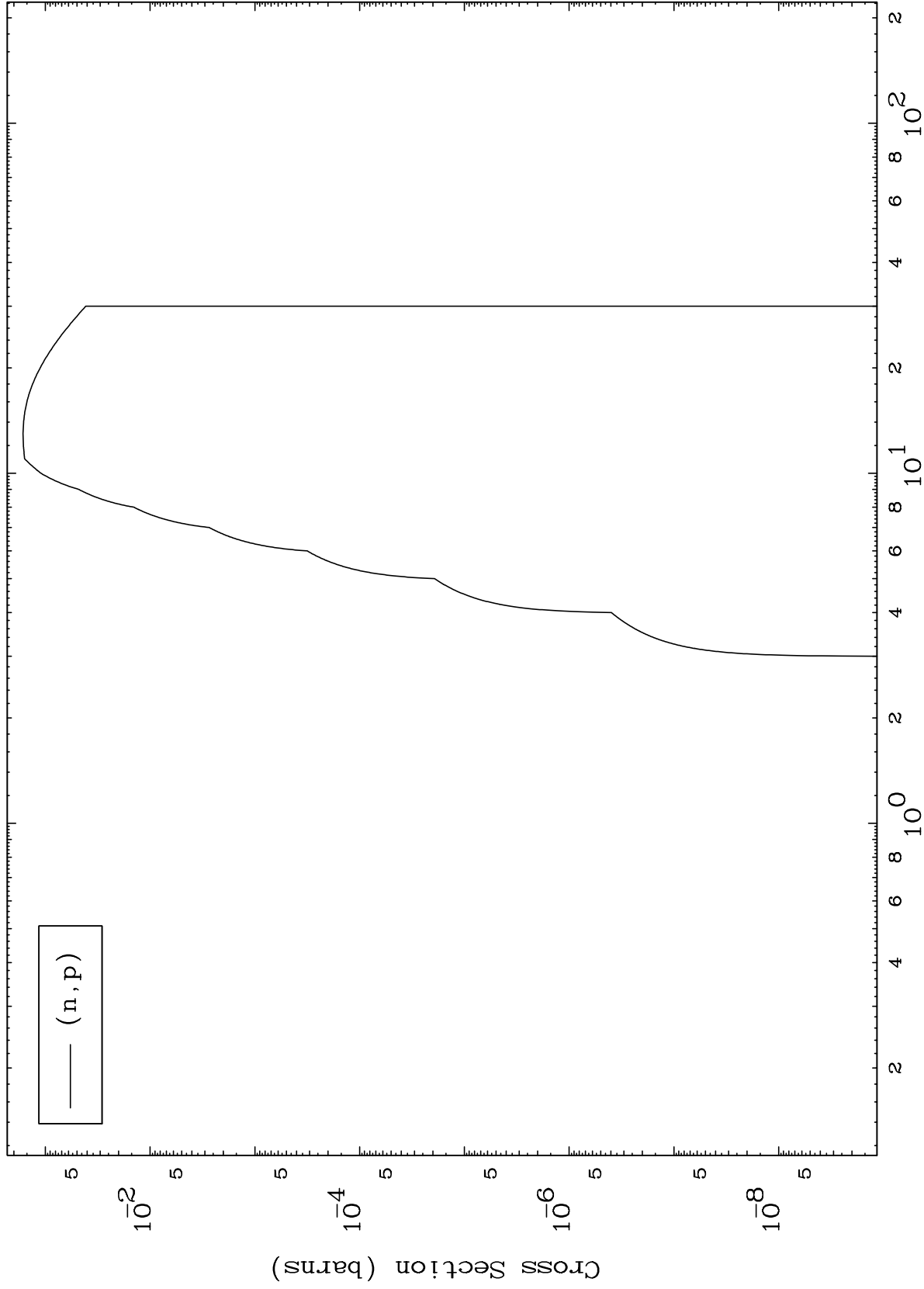


MAT 7902

(d,p) Levels

⁷⁹Au-189m

0 Kelvin Cross Sections

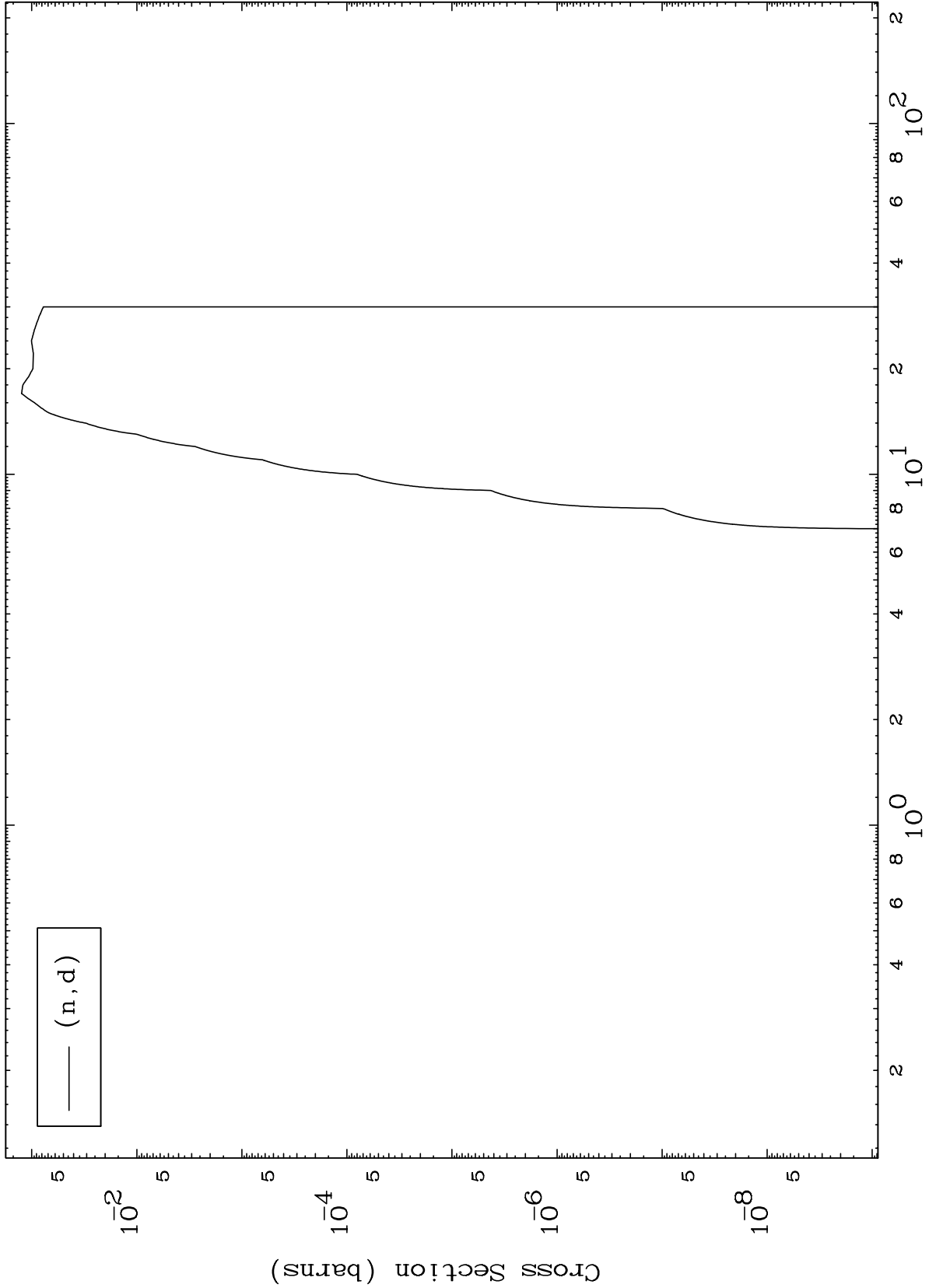


MAT 7902

(d,d) Levels

79-Au-189m

0 Kelvin Cross Sections

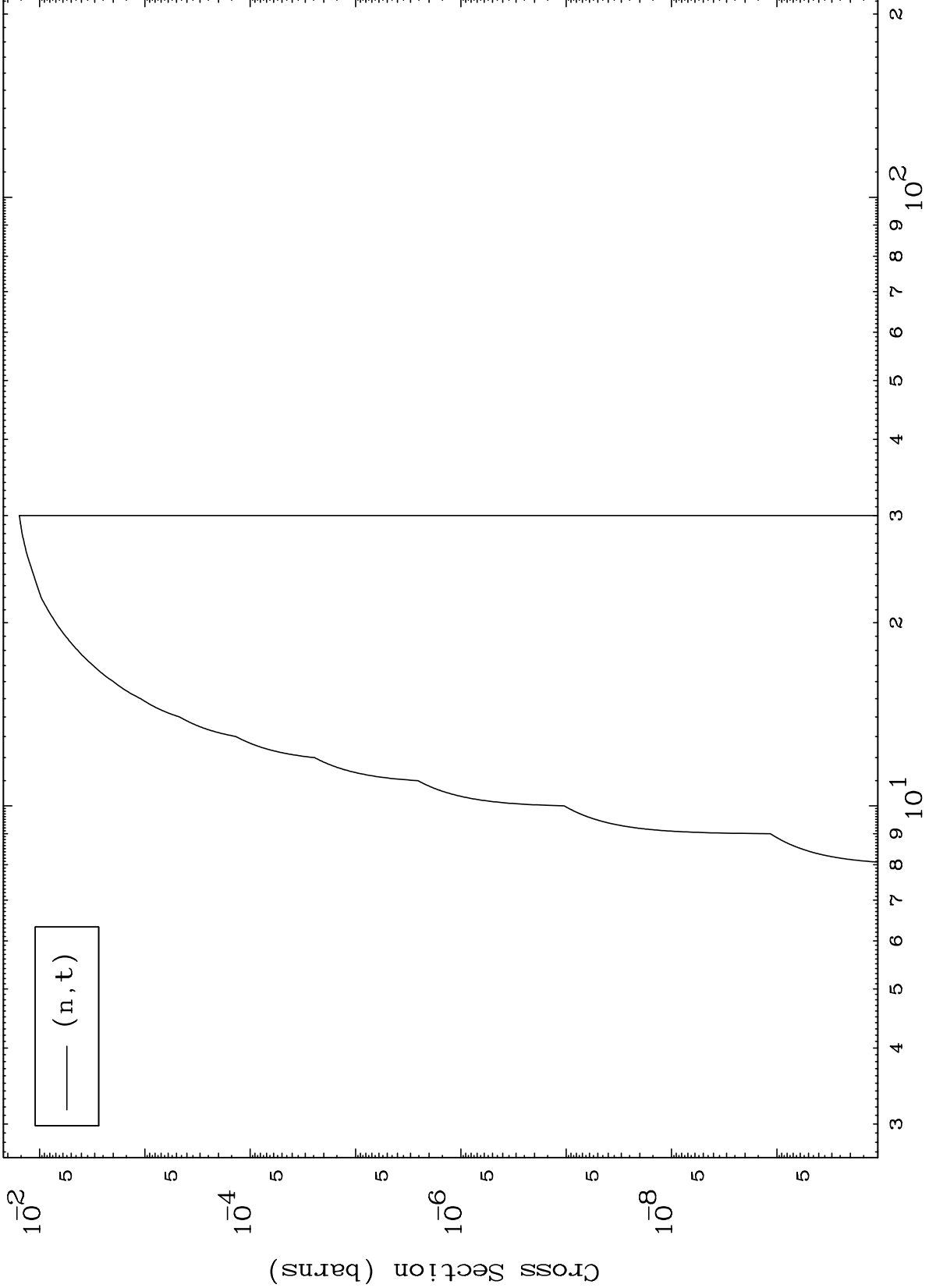


MAT 7902

(d, t) Levels

⁷⁹Au-189m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

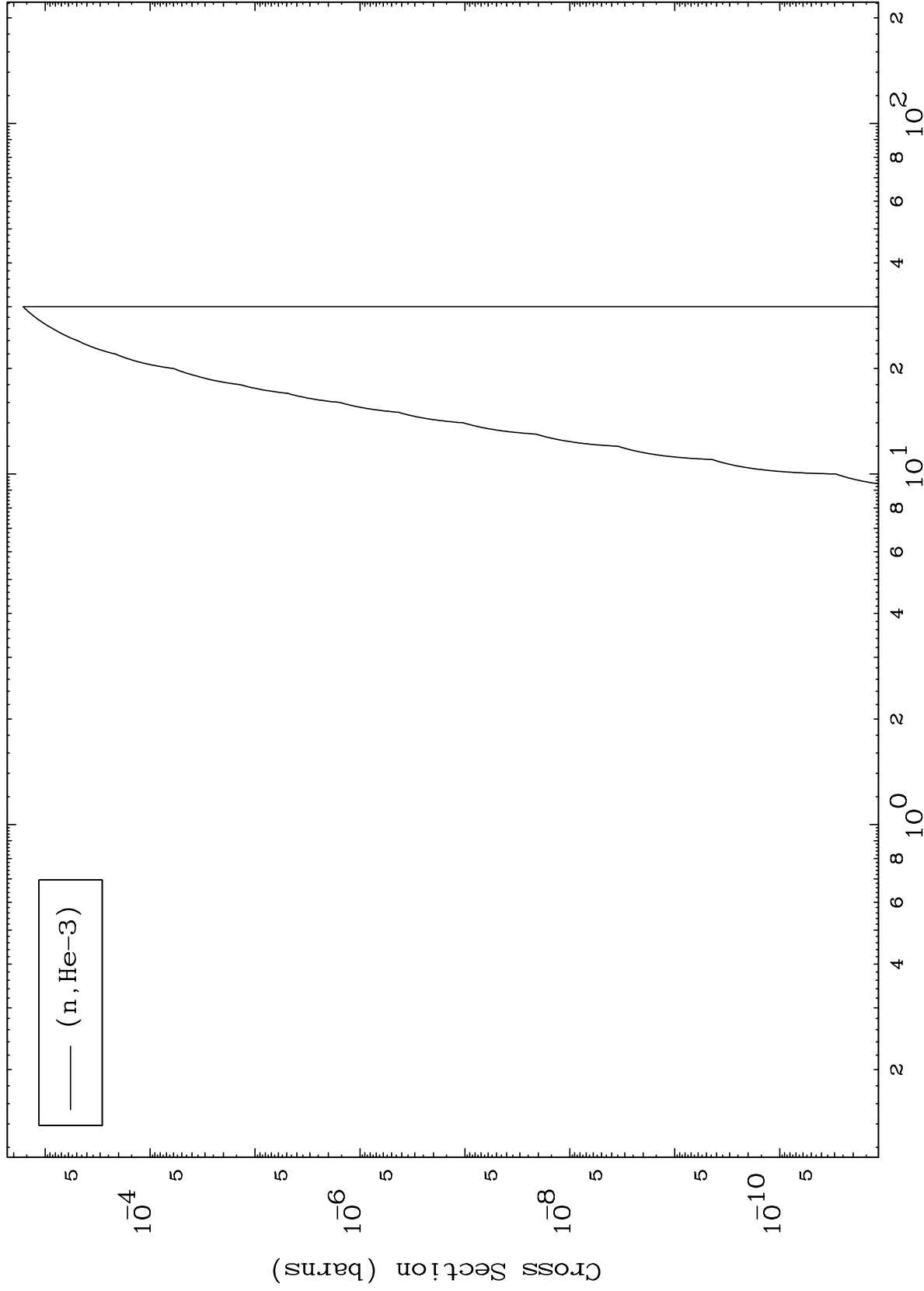
⁷⁹Au-189m

MAT 7902

(d,He3) Levels

79-Au-189m

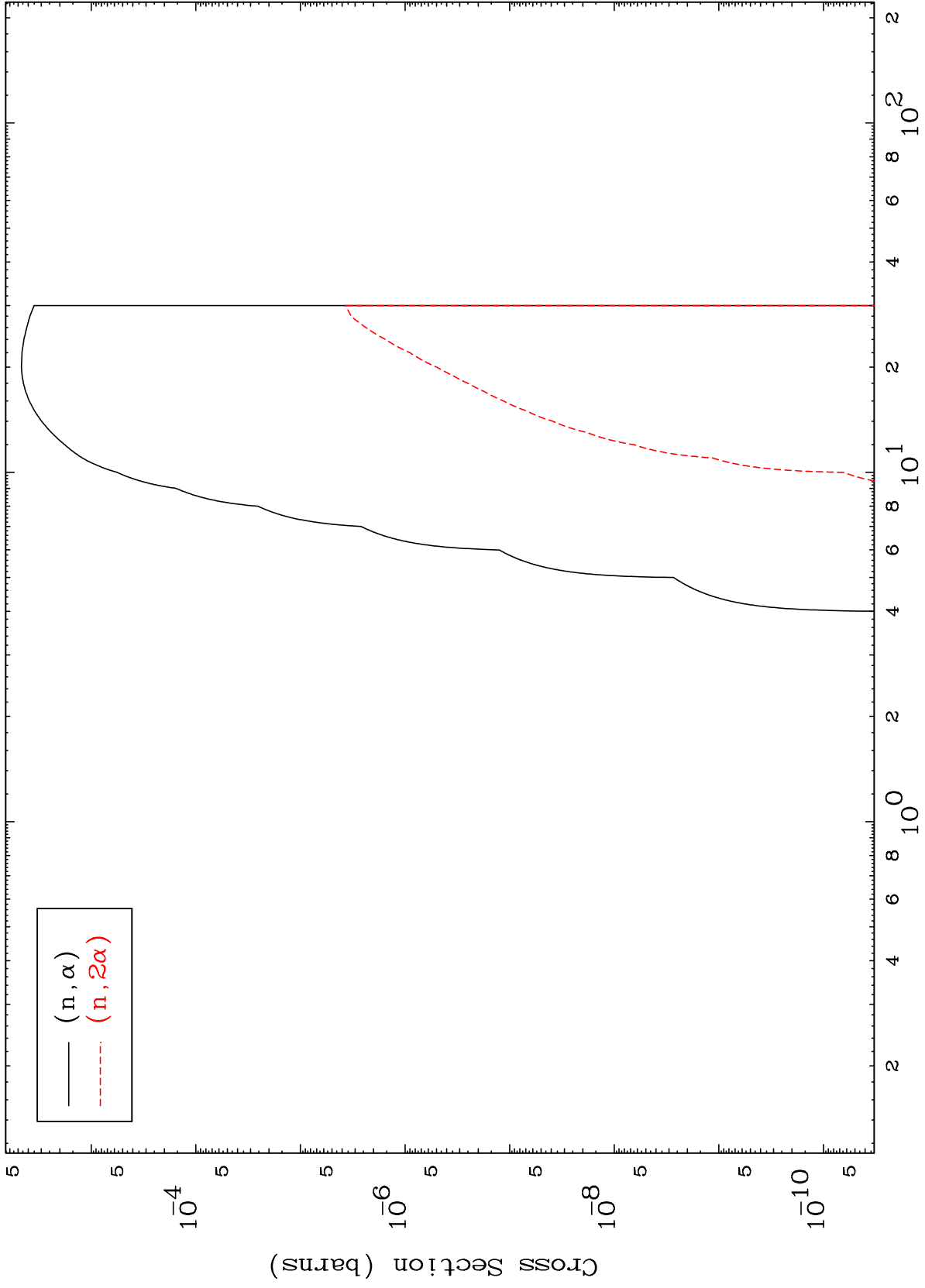
0 Kelvin Cross Sections



MAT 7902

(d, α) Levels
0 Kelvin Cross Sections

⁷⁹Au-189m

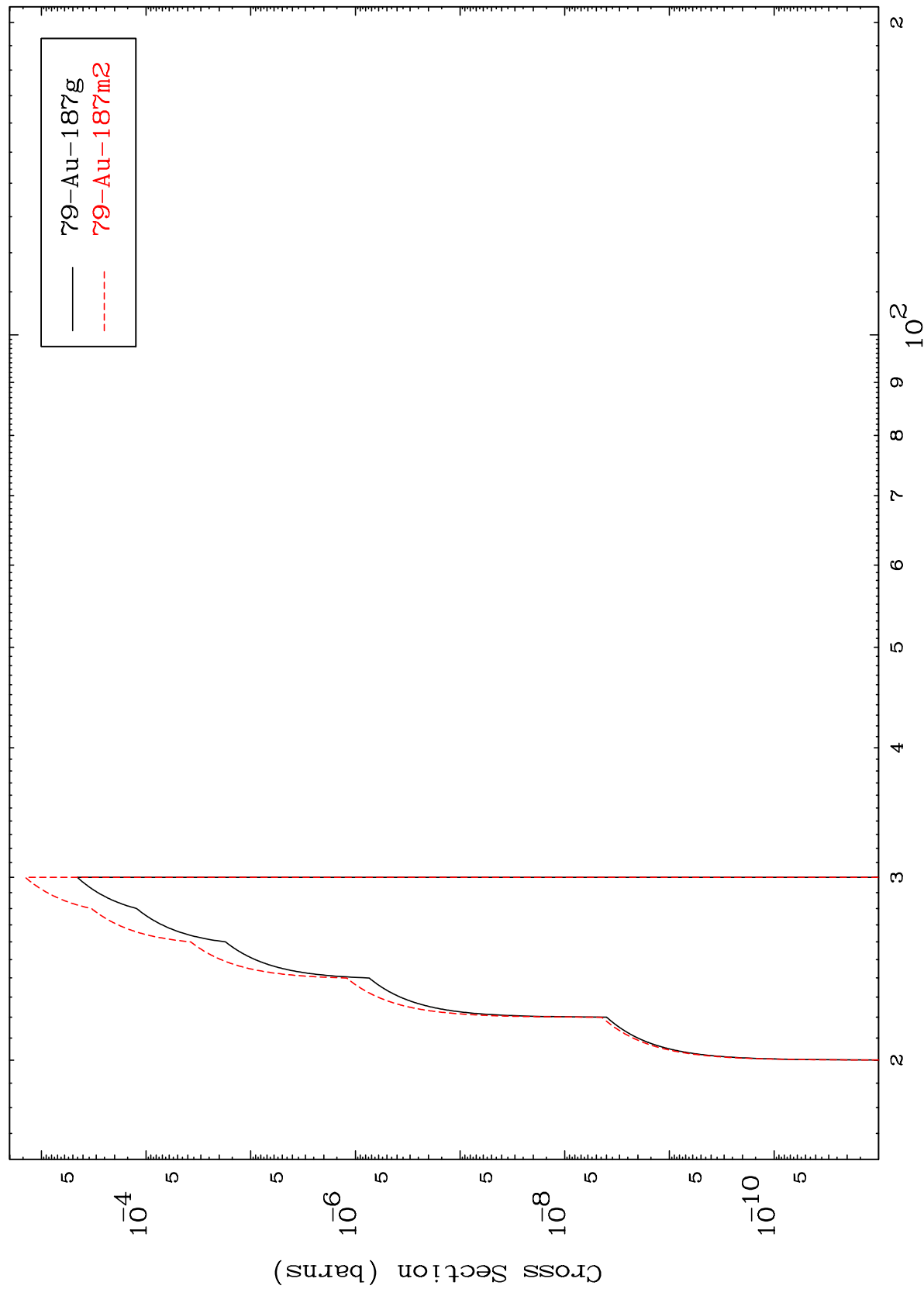


MAT 7902

(n,2n) d

⁷⁹Au-189m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

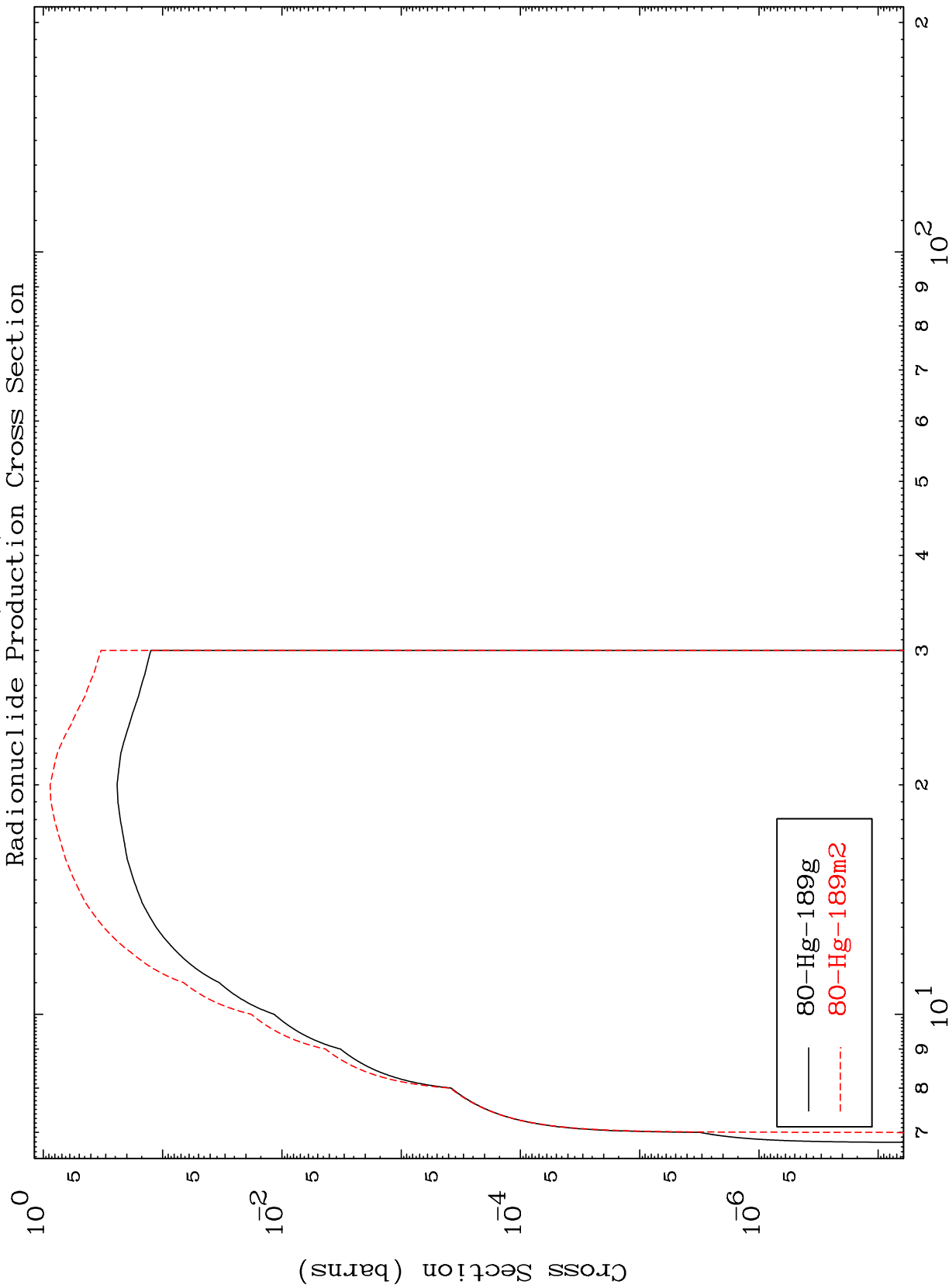
⁷⁹Au-189m

MAT 7902

79-Au-189m

Radionuclide Production Cross Section

(n,2n)



79-Au-189m

Incident Energy (MeV)

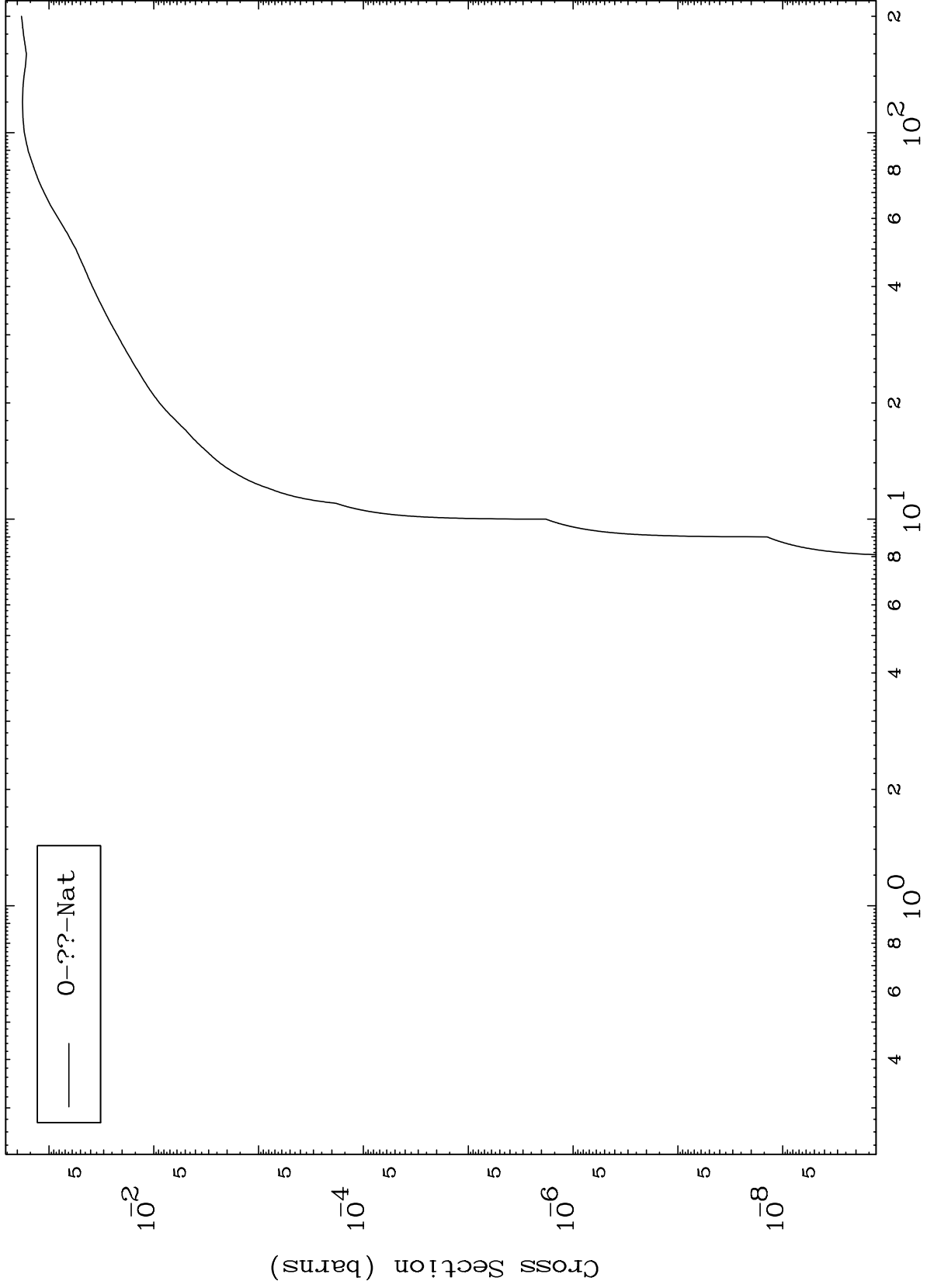
14

MAT 7902

Fission

⁷⁹Au-189m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

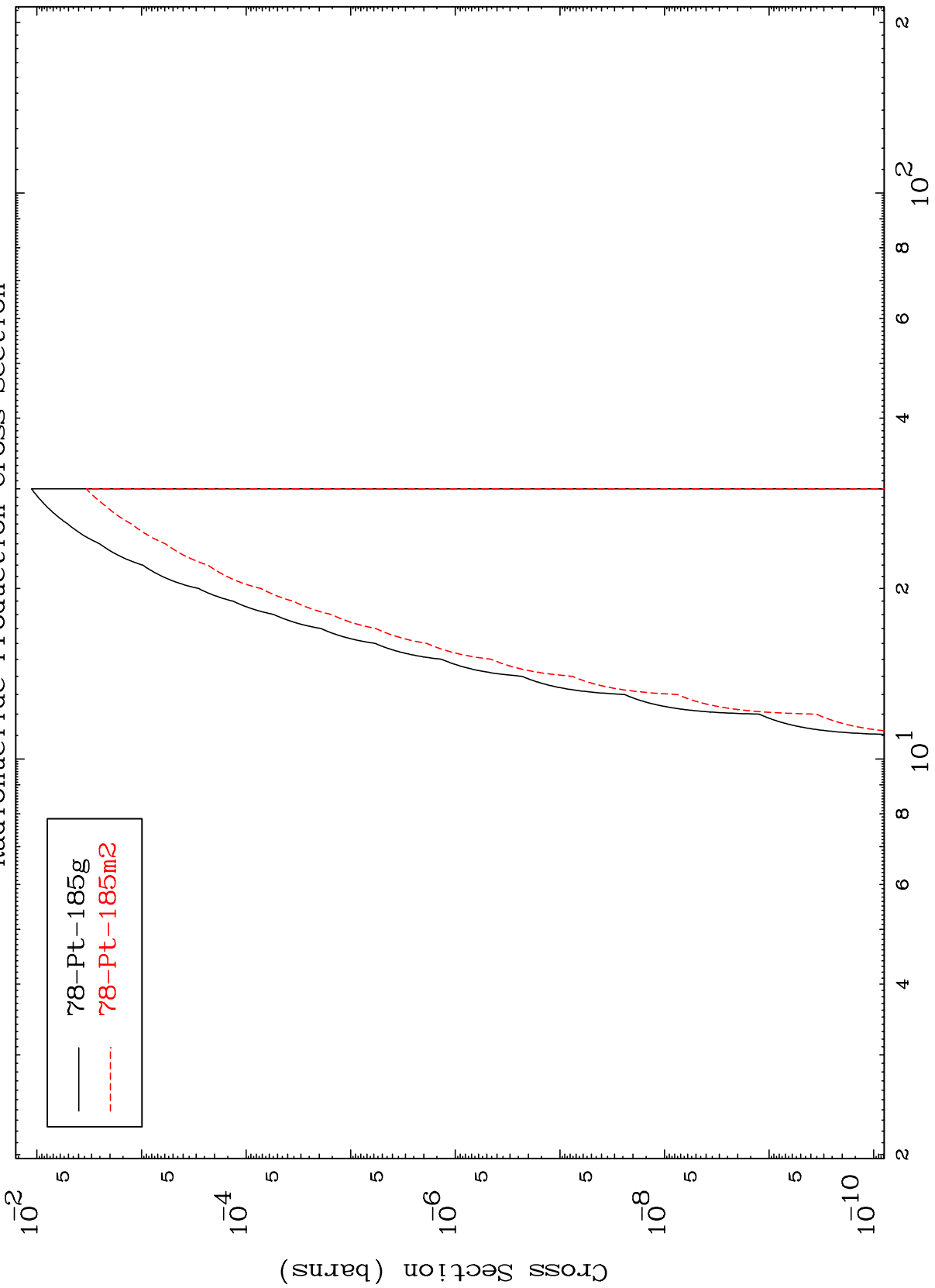
⁷⁹Au-189m

MAT 7902

$(n, 2n) \alpha$

$^{79}\text{Au-189m}$

Radionuclide Production Cross Section

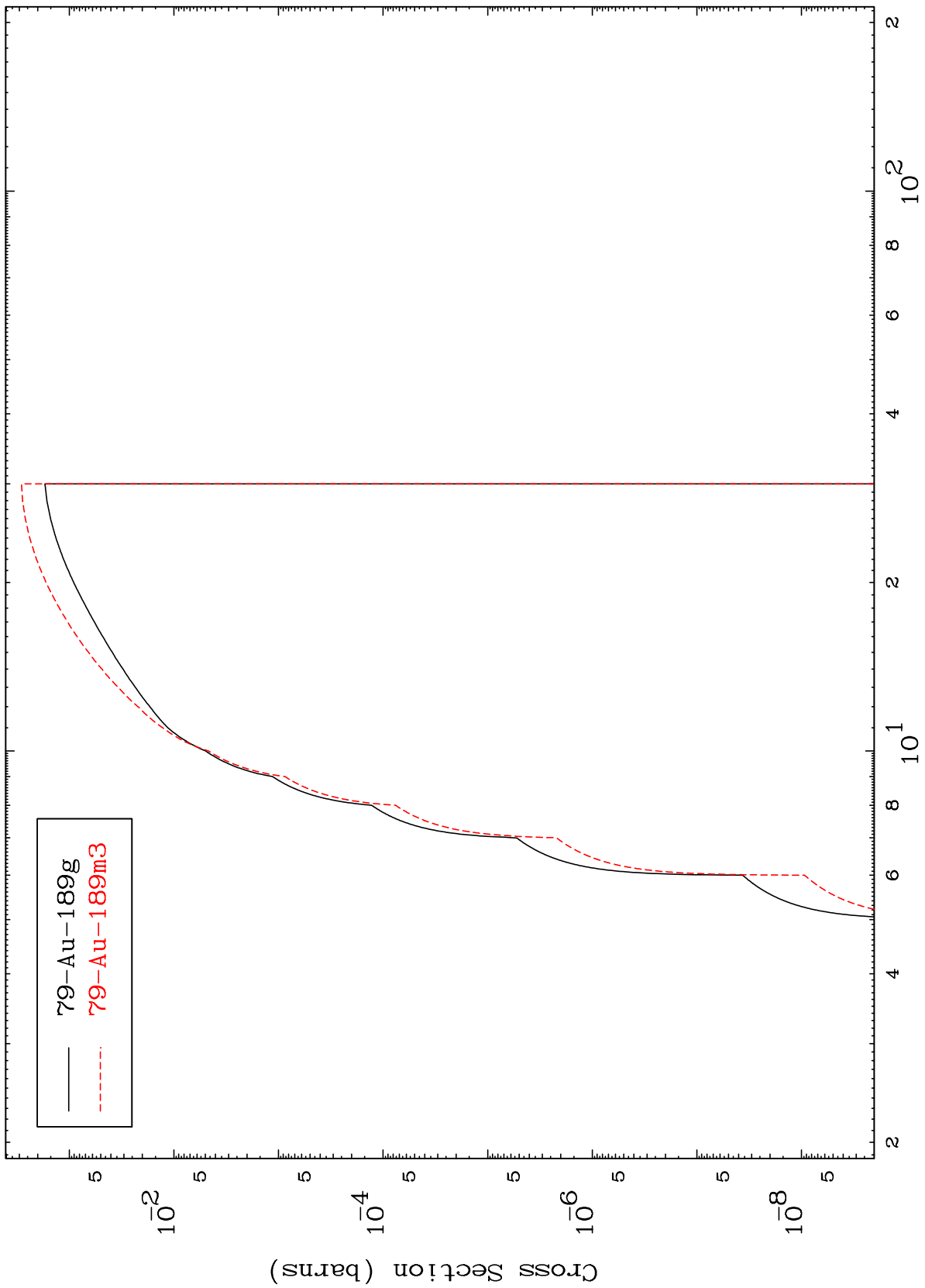


MAT 7902

⁷⁹Au-189m

Radionuclide Production Cross Section

(n,n') p



17

Incident Energy (MeV)

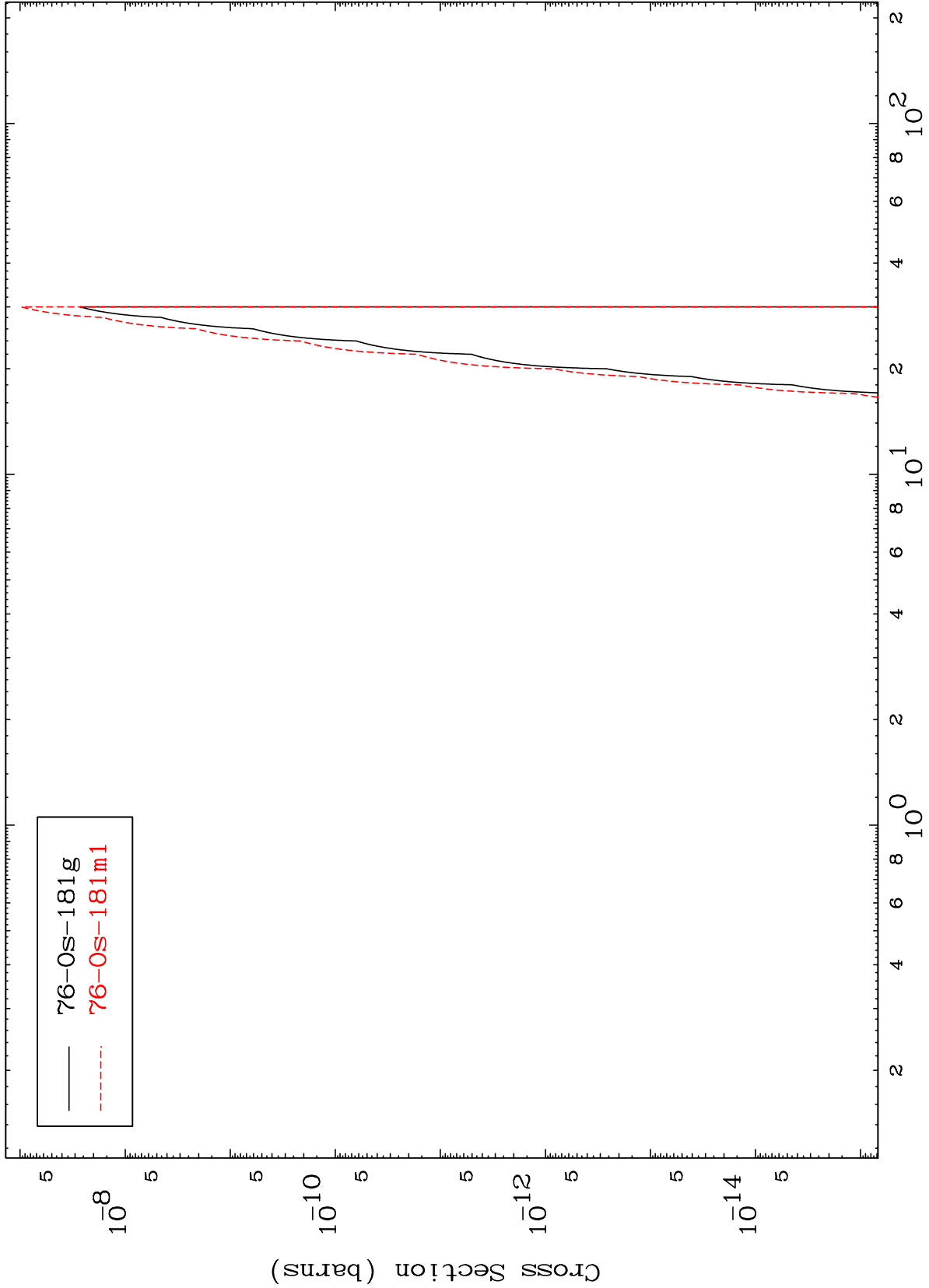
⁷⁹Au-189m

MAT 7902

(n,2n) 2 α

79-Au-189m

Radionuclide Production Cross Section

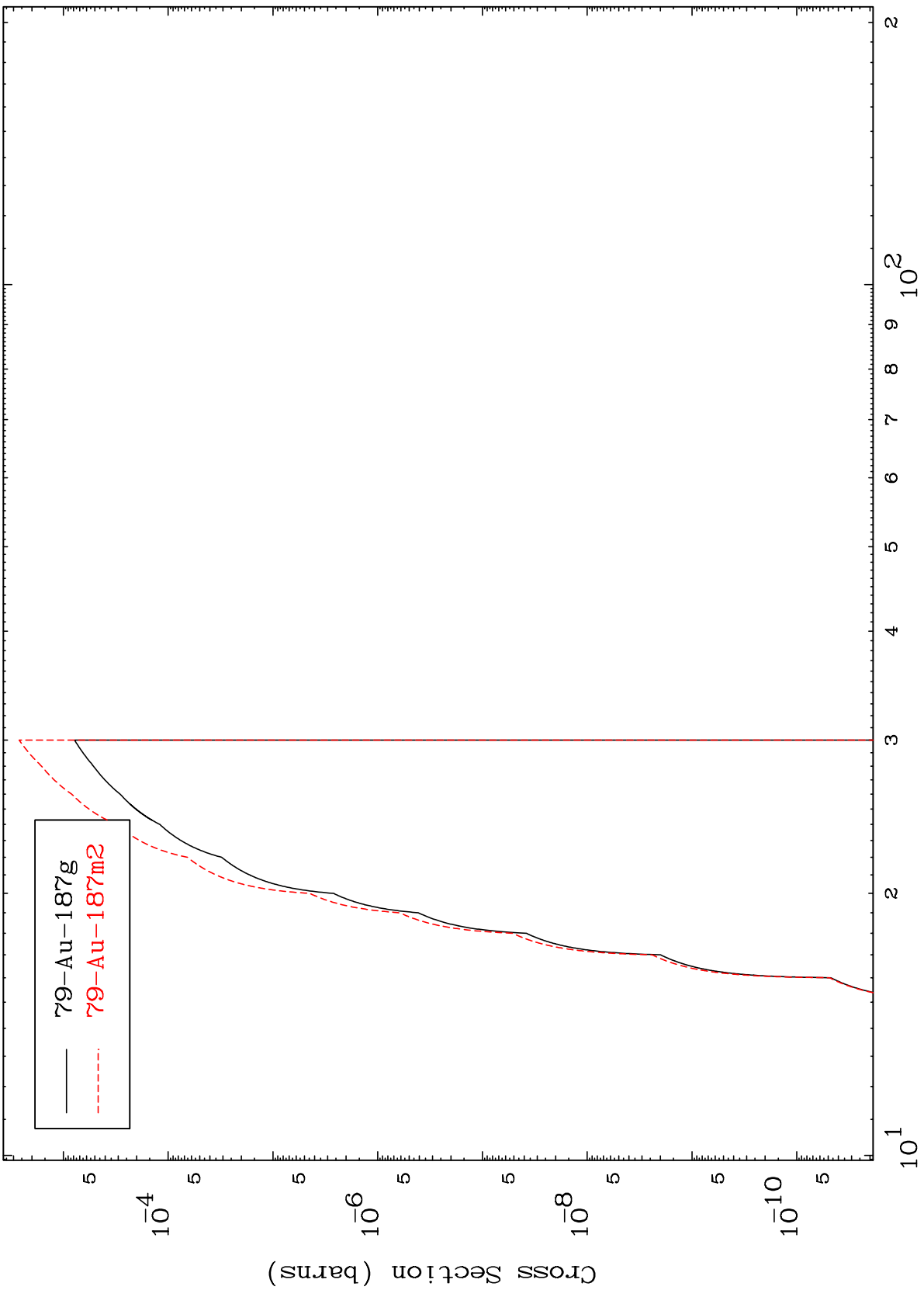


MAT 7902

(n,n') t

⁷⁹Au-189m

Radionuclide Production Cross Section



— ⁷⁹Au-187g
- - - ⁷⁹Au-187m2

10¹

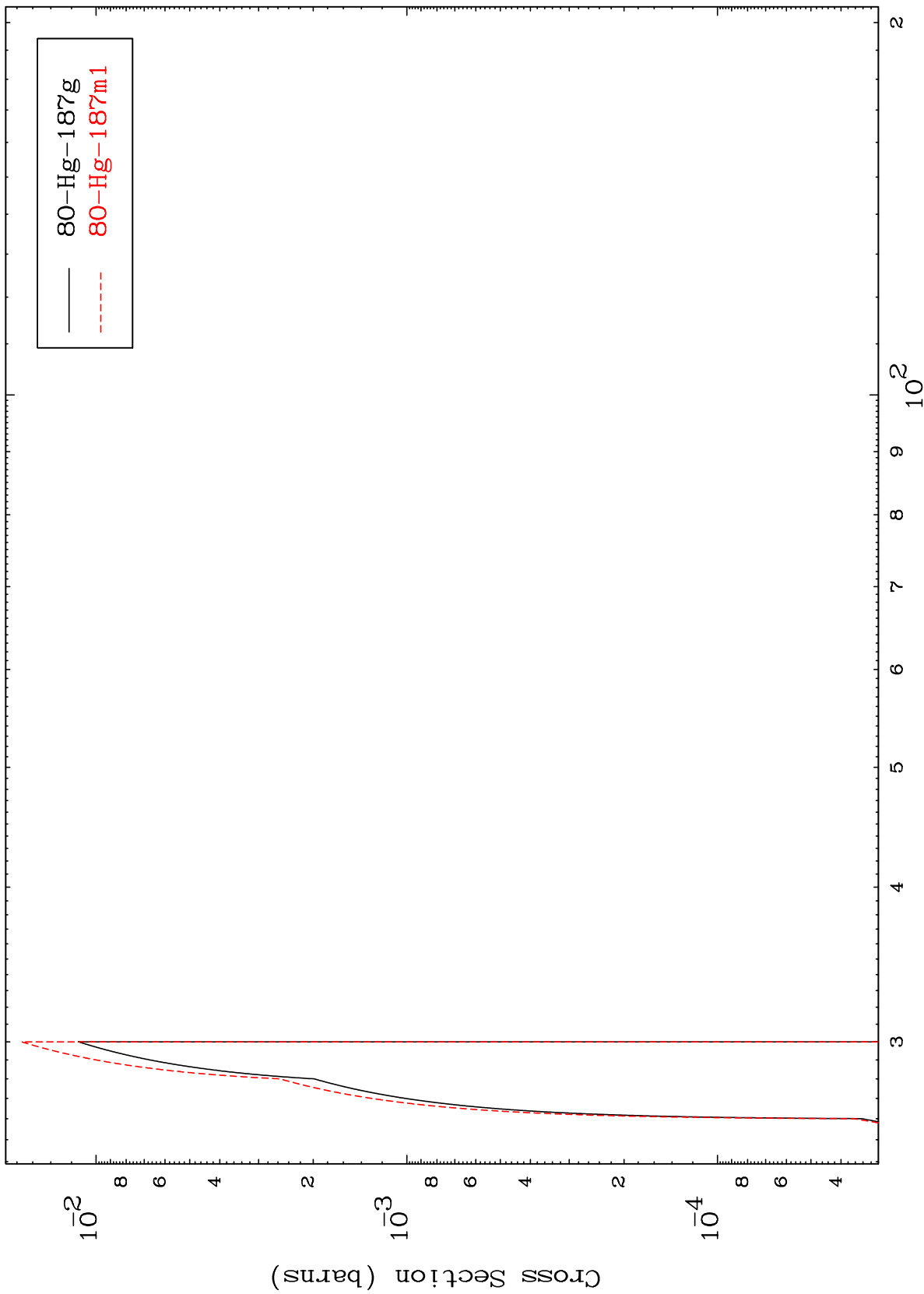
Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

79-Au-189m

(n,4n)
Radionuclide Production Cross Section



20

79-Au-189m

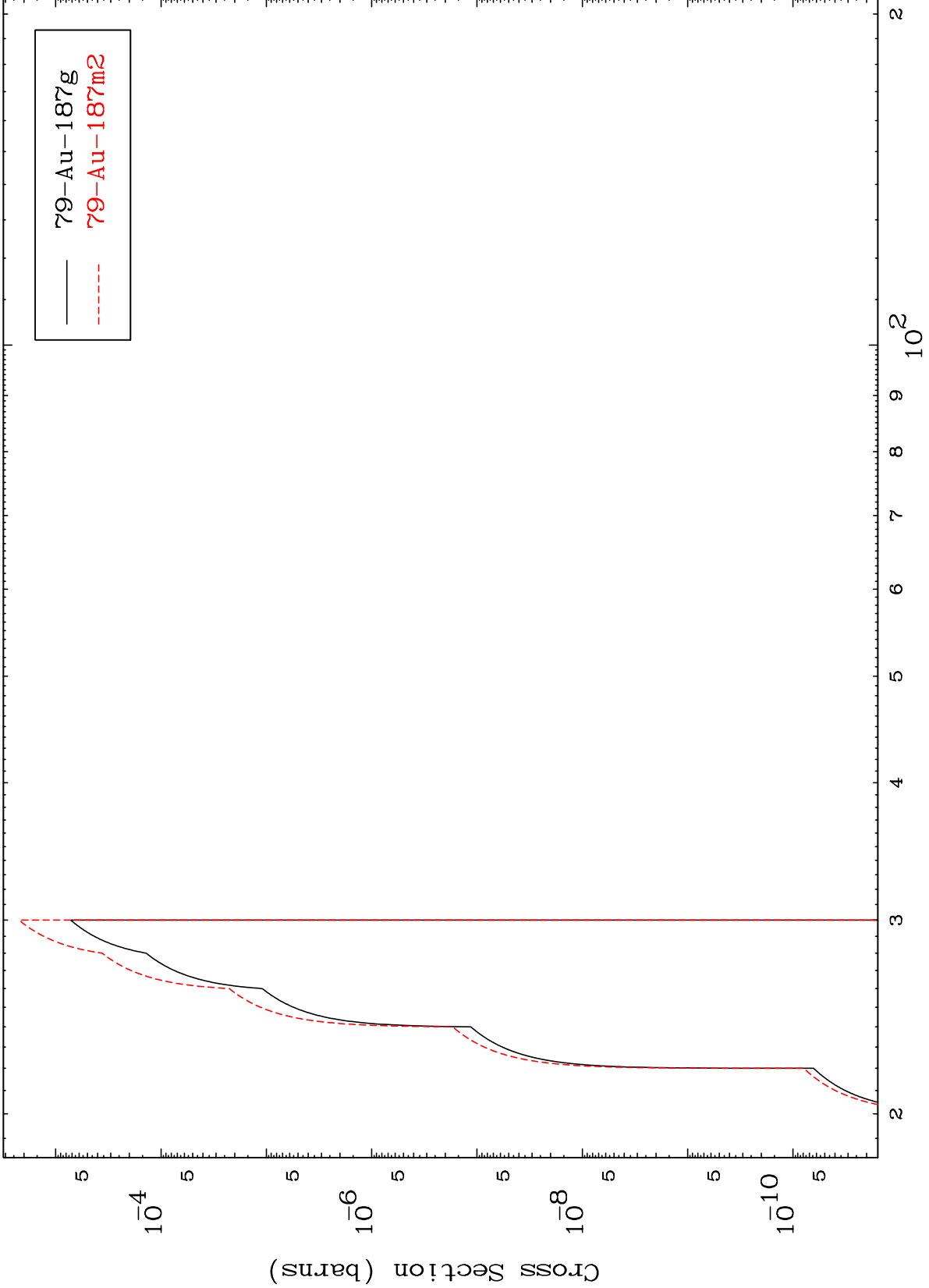
Incident Energy (MeV)

MAT 7902

(n,3n) p

⁷⁹Au-189m

Radionuclide Production Cross Section



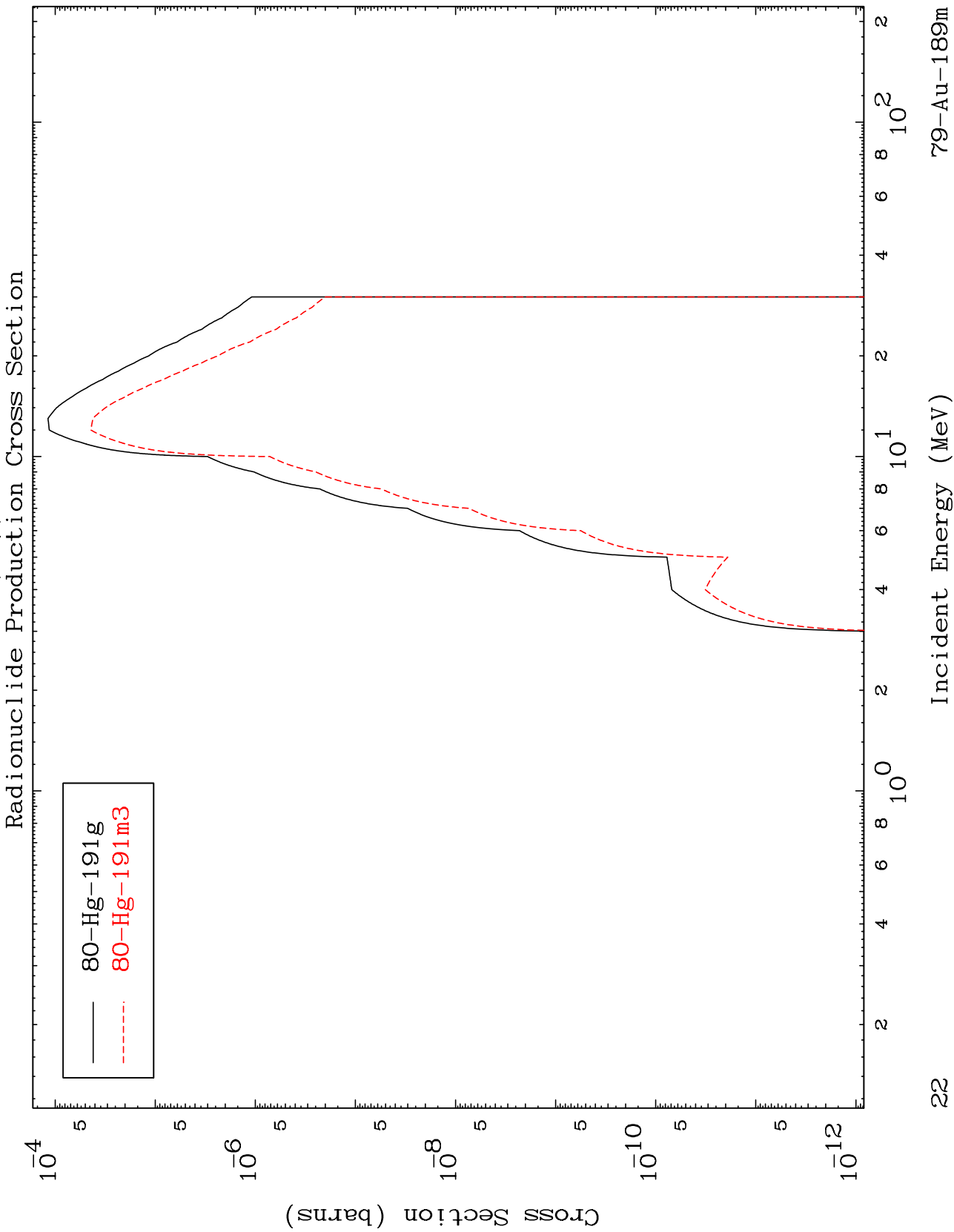
21

Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

79-Au-189m

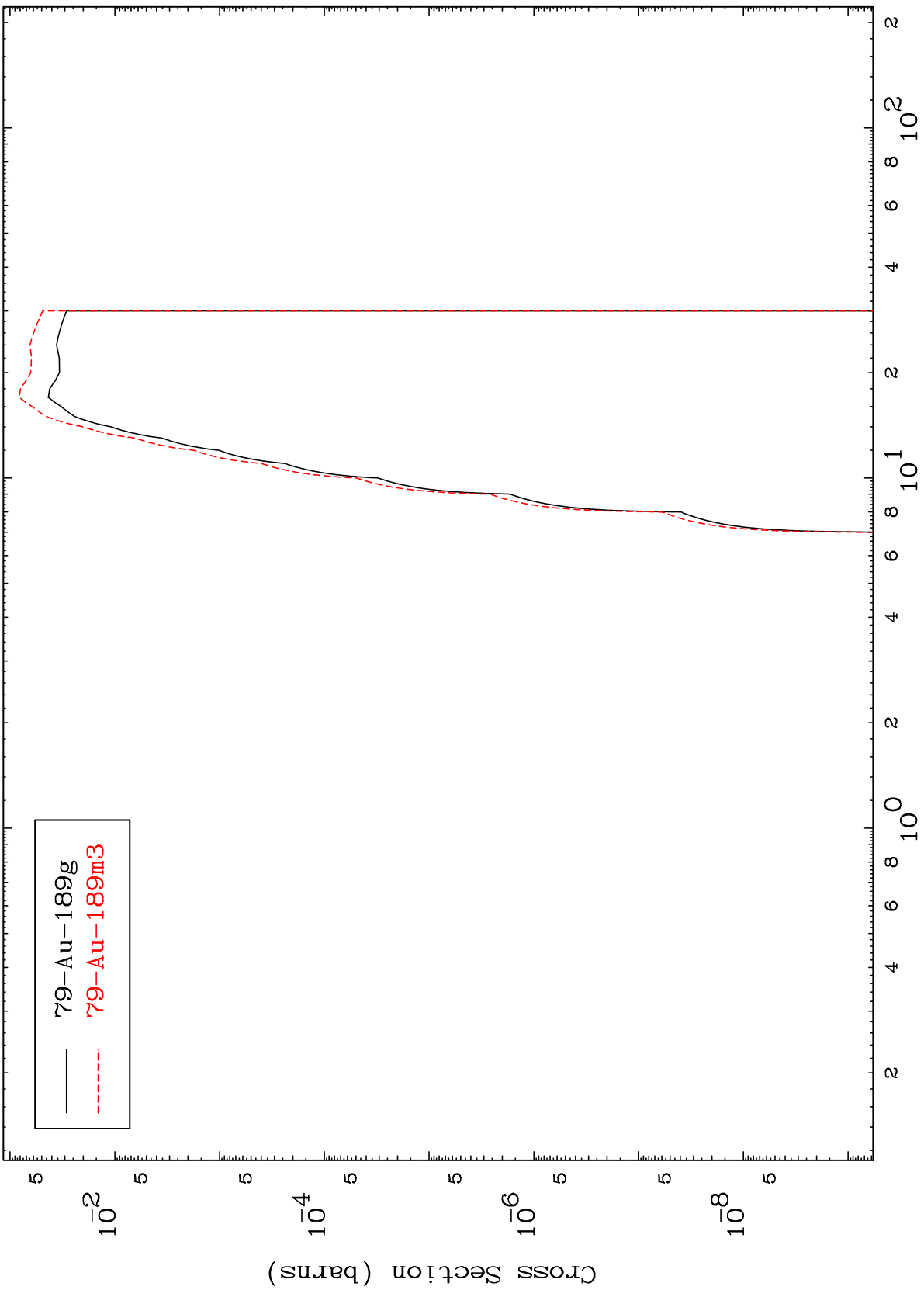


MAT 7902

(n,d)

⁷⁹Au-189m

Radionuclide Production Cross Section



— 79-Au-189g
- - - 79-Au-189m3

Incident Energy (MeV)

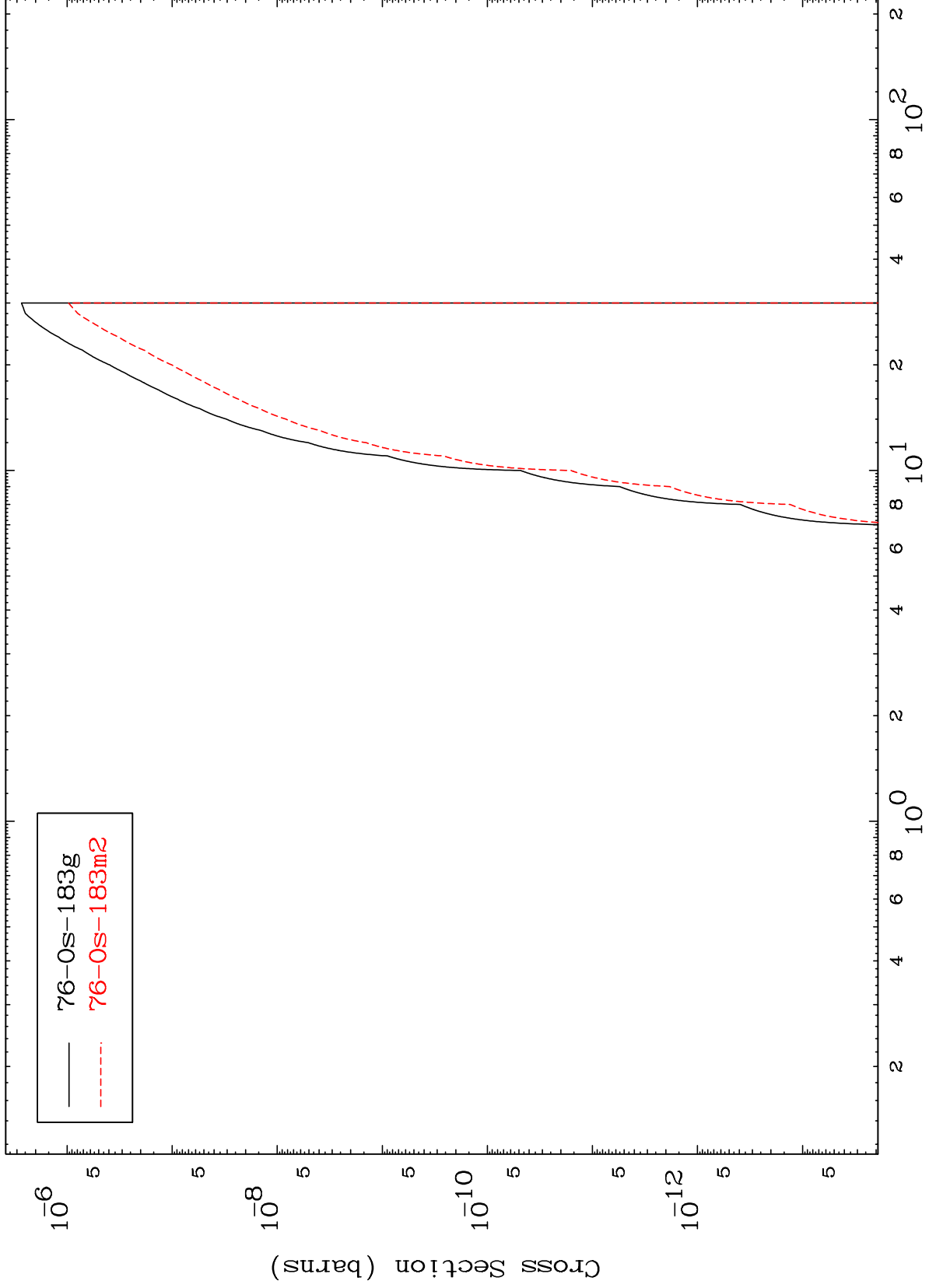
⁷⁹Au-189m

MAT 7902

(n,2α)

⁷⁹Au-189m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

(n,p) α

⁷⁹Au-189m

Radionuclide Production Cross Section

