

Program EVALPLOT
(Version 2018-1)

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

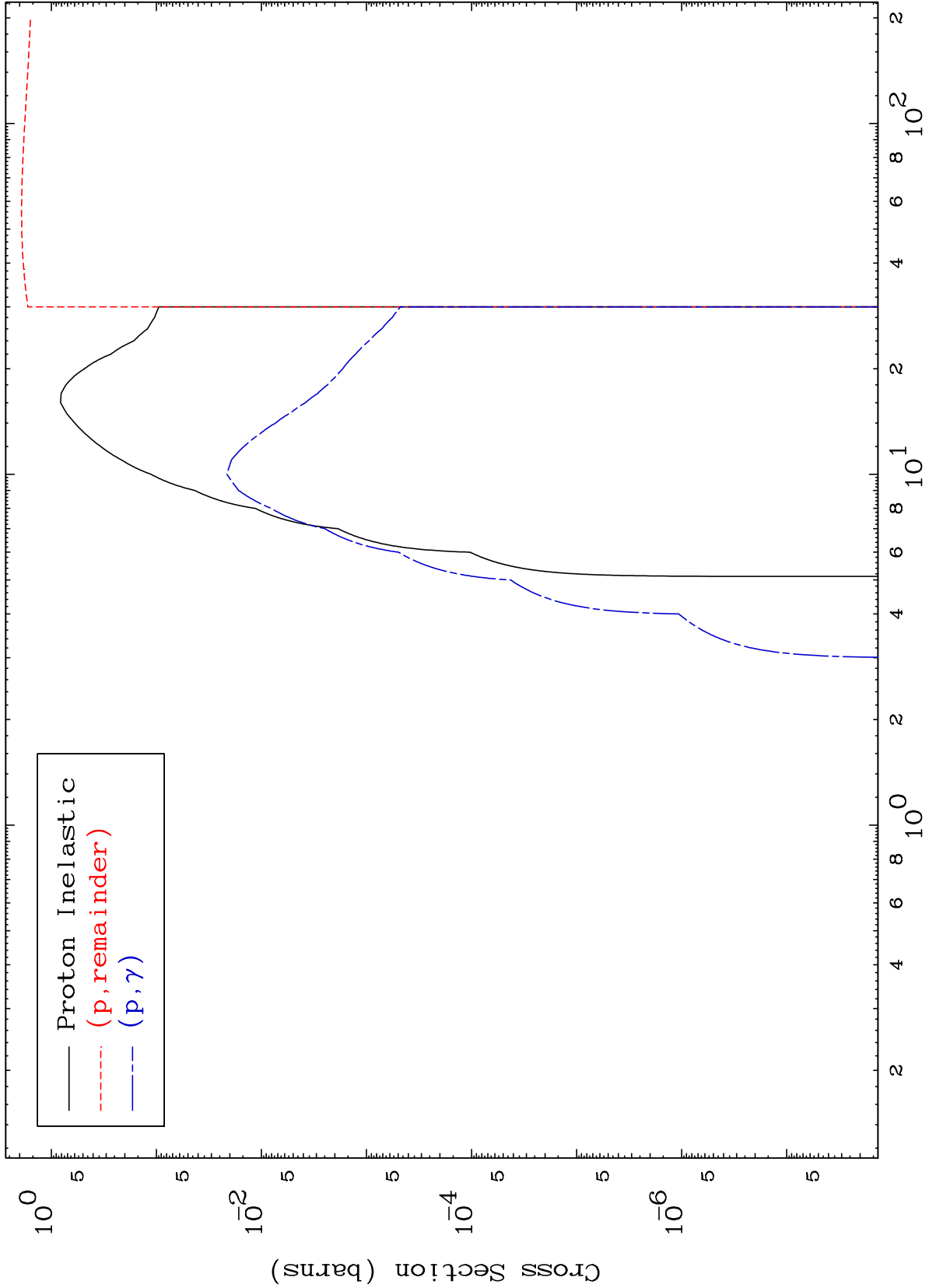
Press Mouse Button to Start

MAT 8010

Proton Major

80-Hg-191

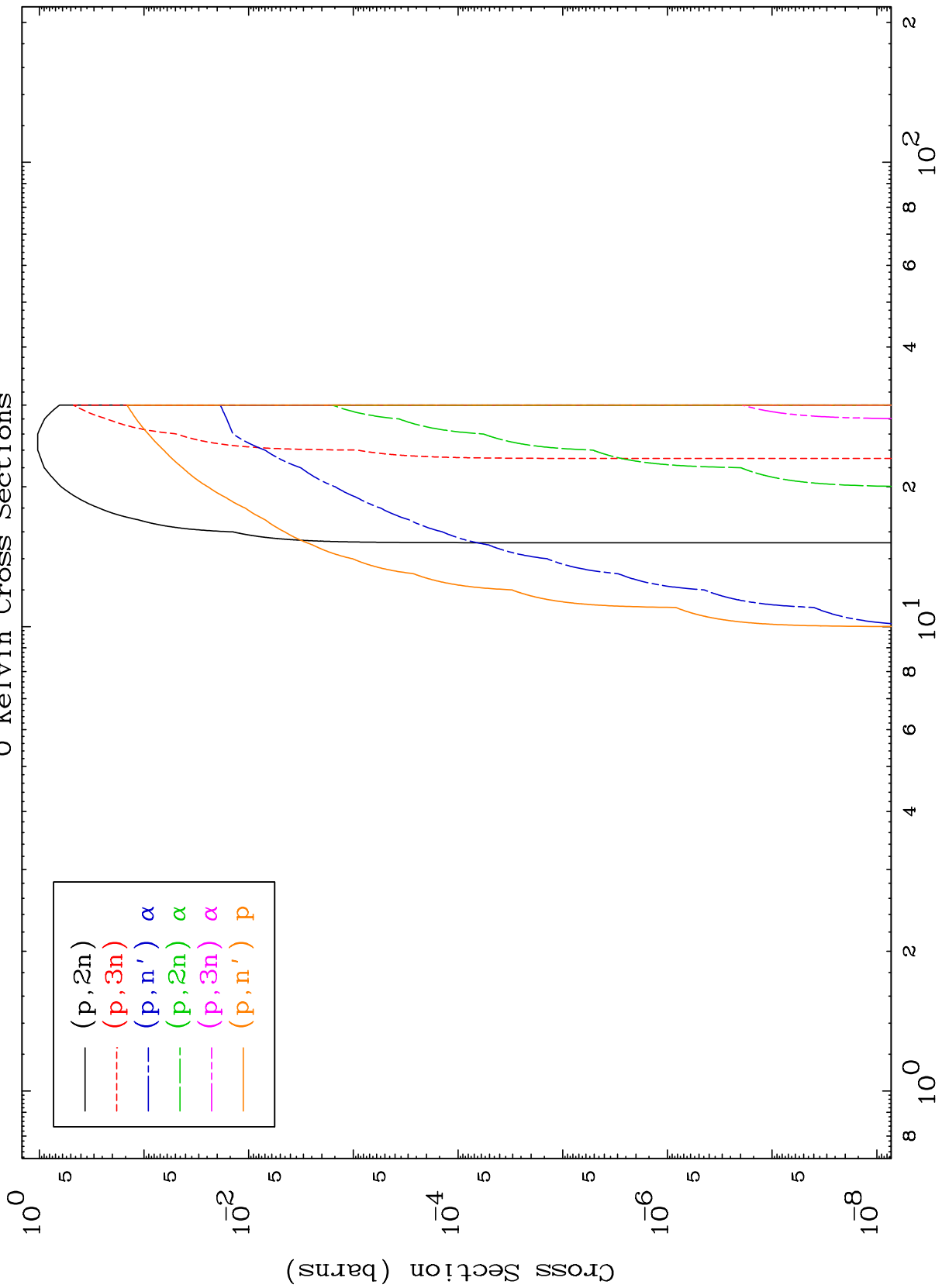
0 Kelvin Cross Sections



MAT 8010

Proton Neutron Production
0 Kelvin Cross Sections

80-Hg-191



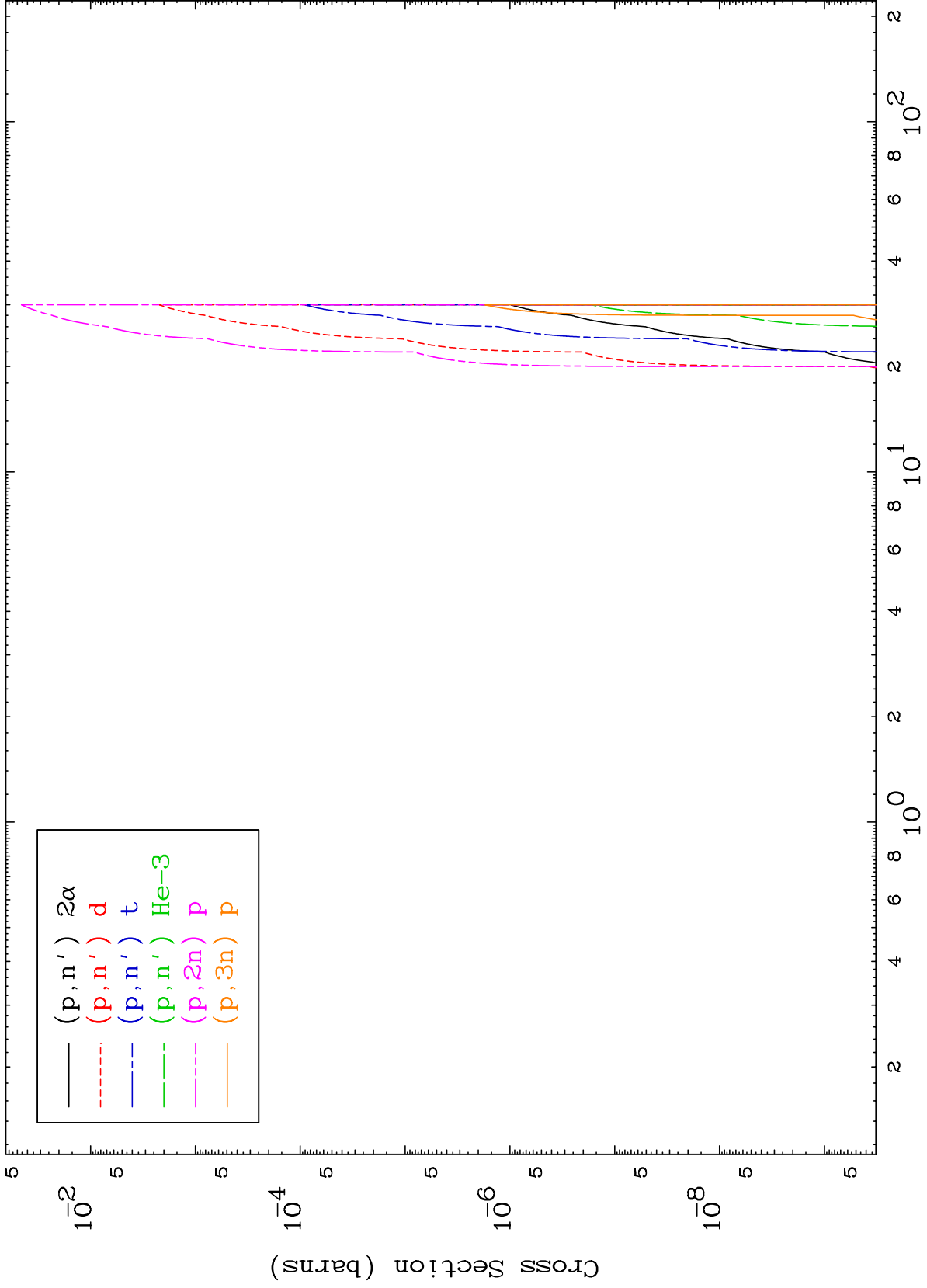
Incident Energy (MeV)

80-Hg-191

MAT 8010

Proton Neutron Production
0 Kelvin Cross Sections

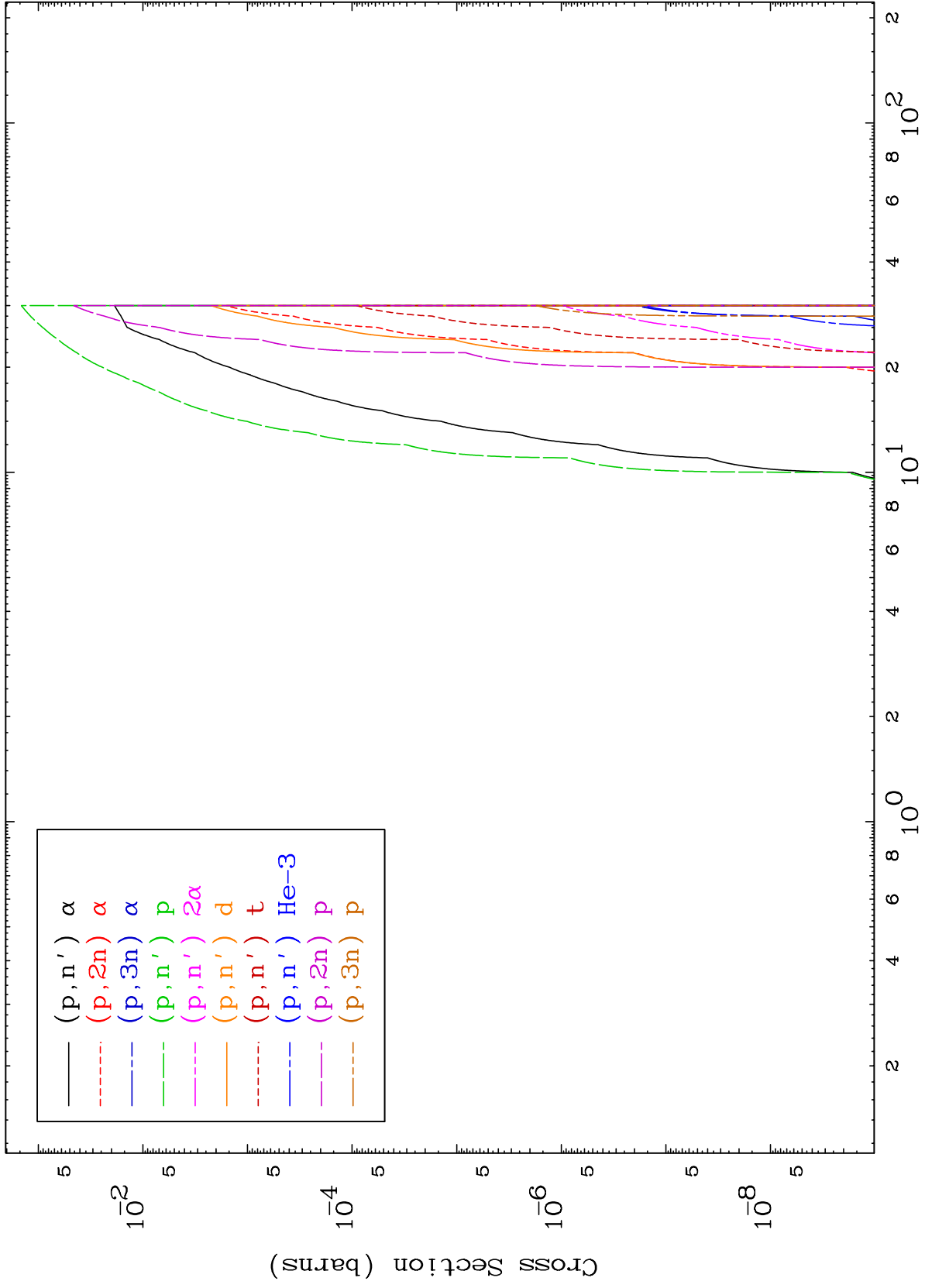
80-Hg-191



MAT 8010

Proton Charged Particle
0 Kelvin Cross Sections

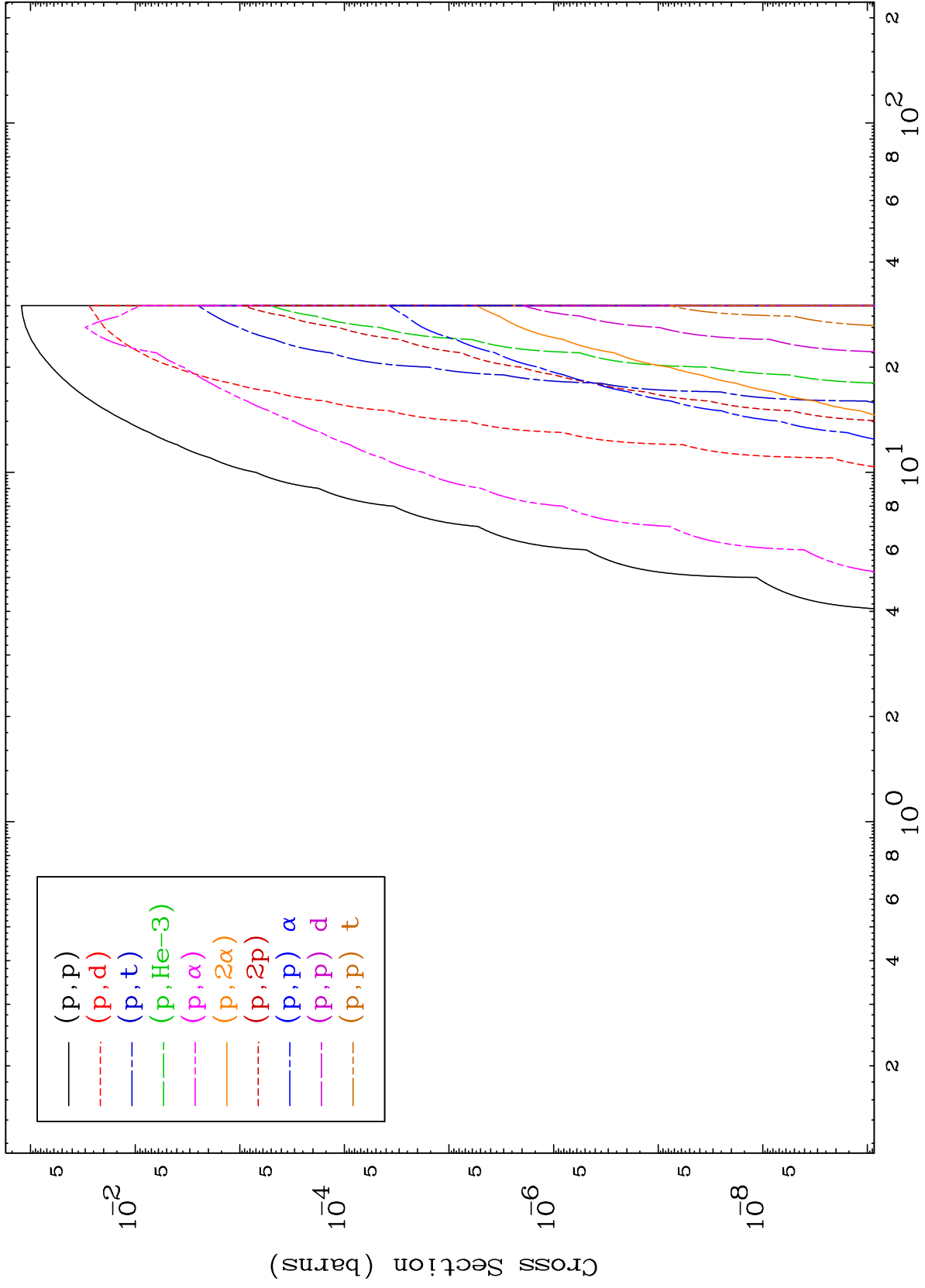
80-Hg-191



MAT 8010

Proton Charged Particle
0 Kelvin Cross Sections

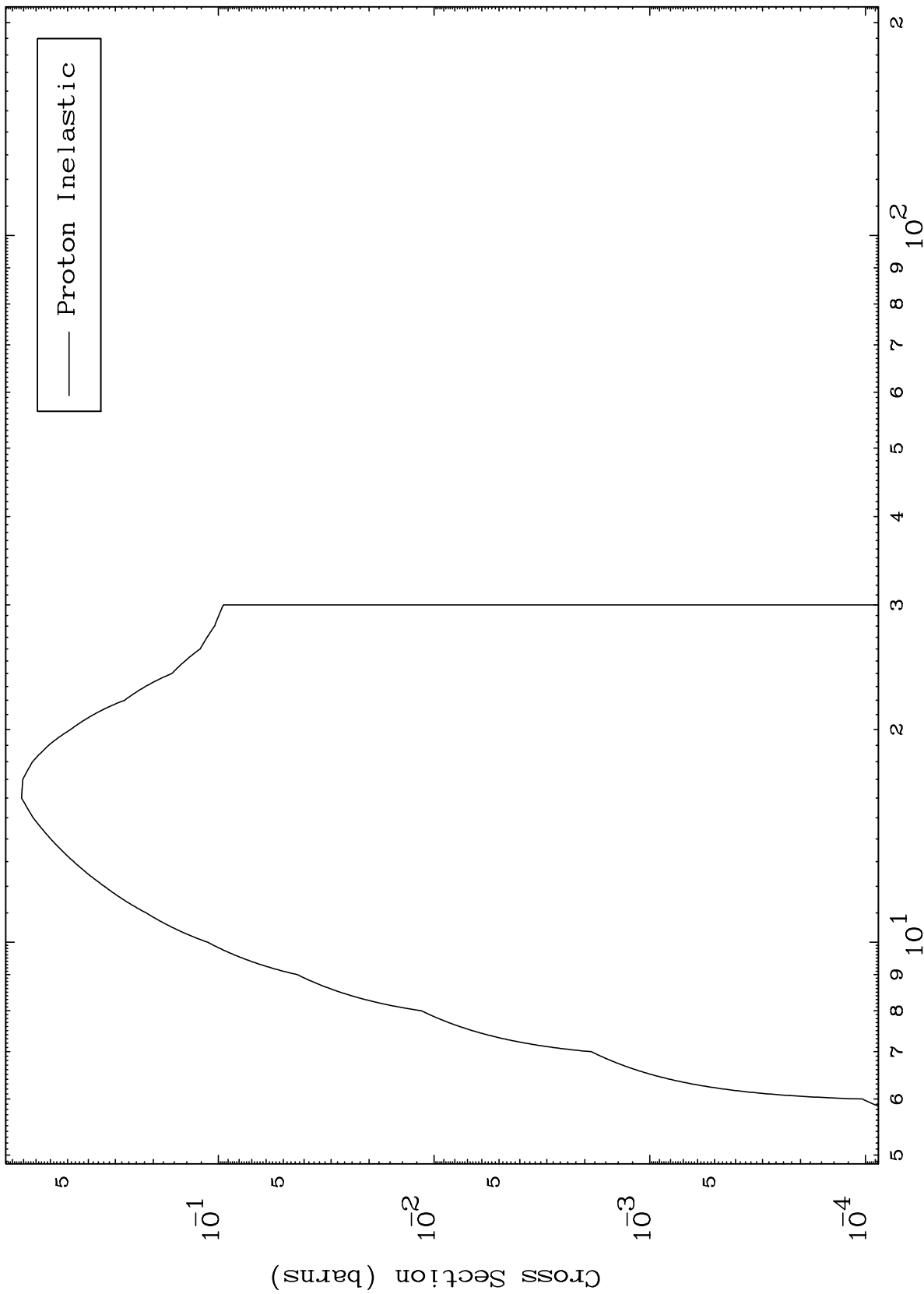
80-Hg-191



MAT 8010

80-Hg-191

(p,n') Level
0 Kelvin Cross Sections



80-Hg-191

Incident Energy (MeV)

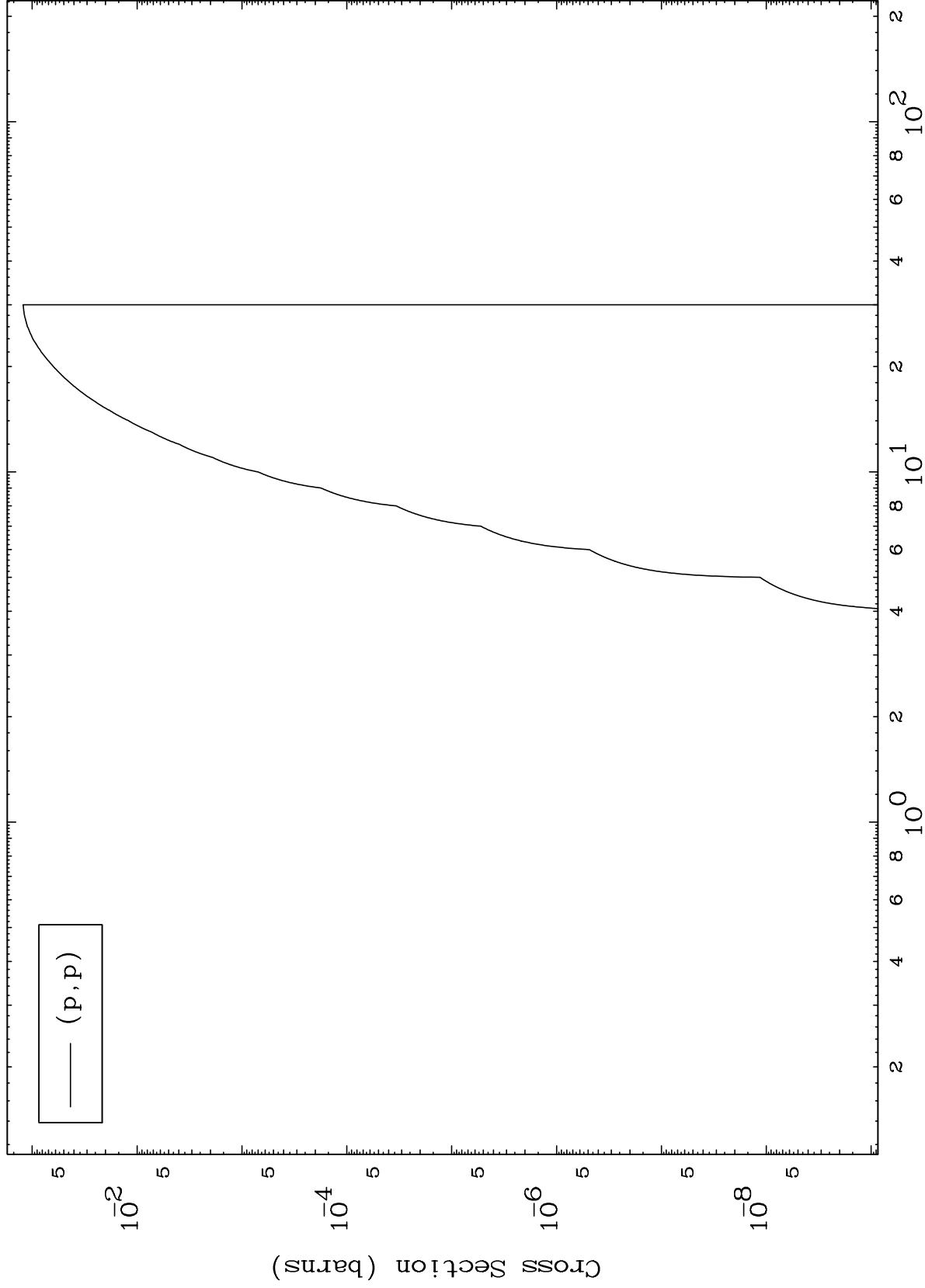
6

MAT 8010

(p,p) Levels

80-Hg-191

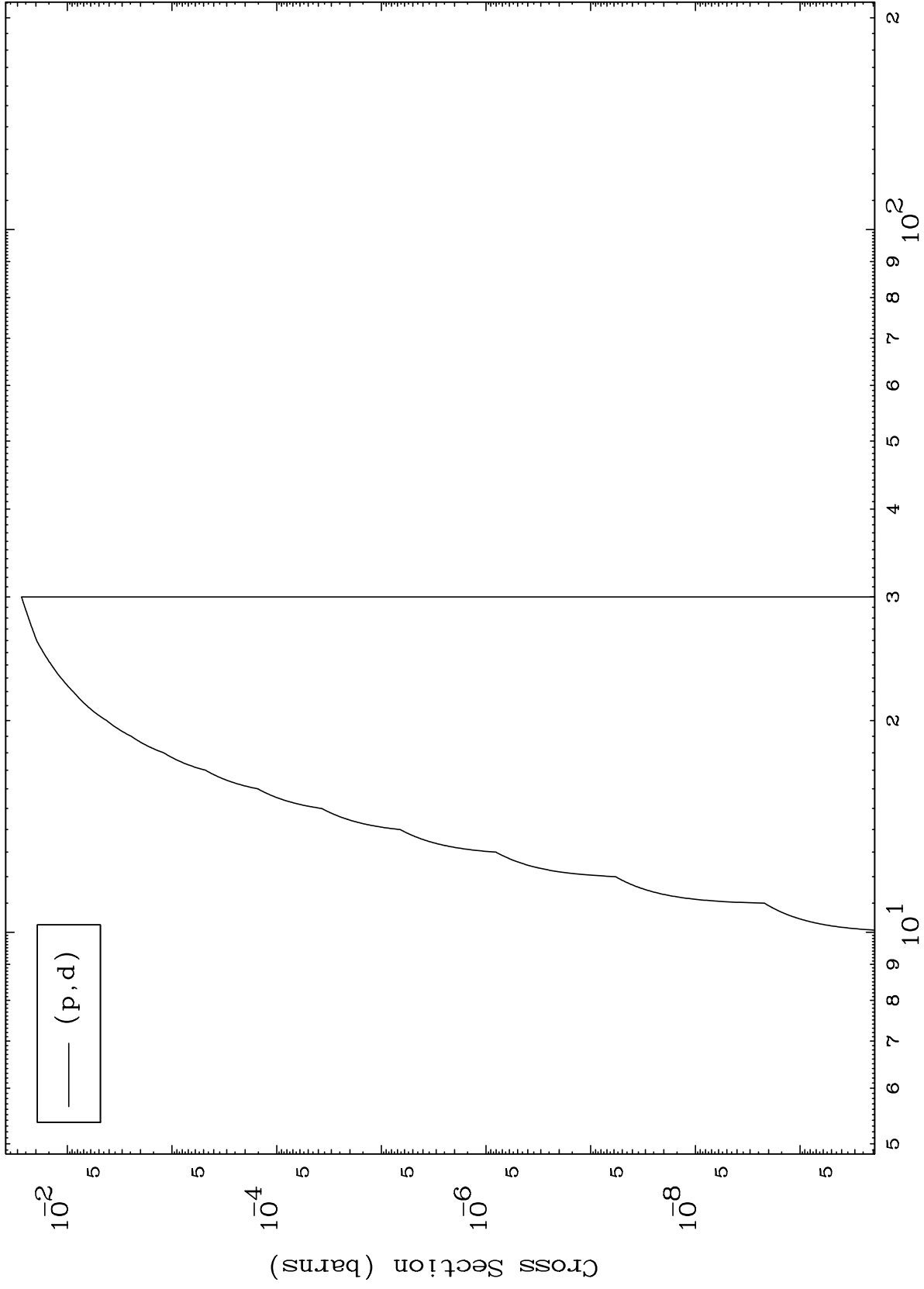
0 Kelvin Cross Sections



MAT 8010

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-191



8

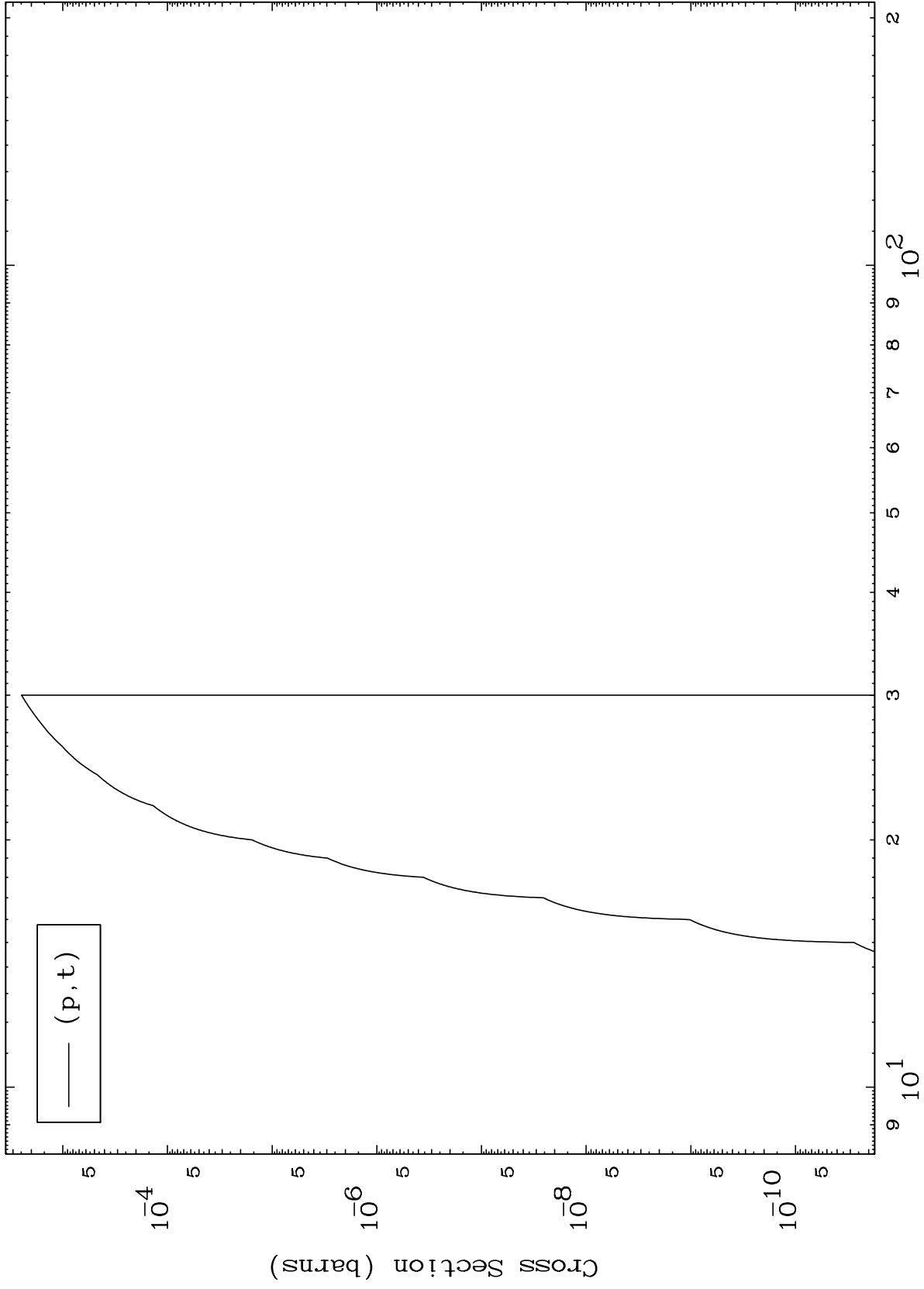
Incident Energy (MeV)

80-Hg-191

MAT 8010

(p,t) Levels
0 Kelvin Cross Sections

80-Hg-191



9

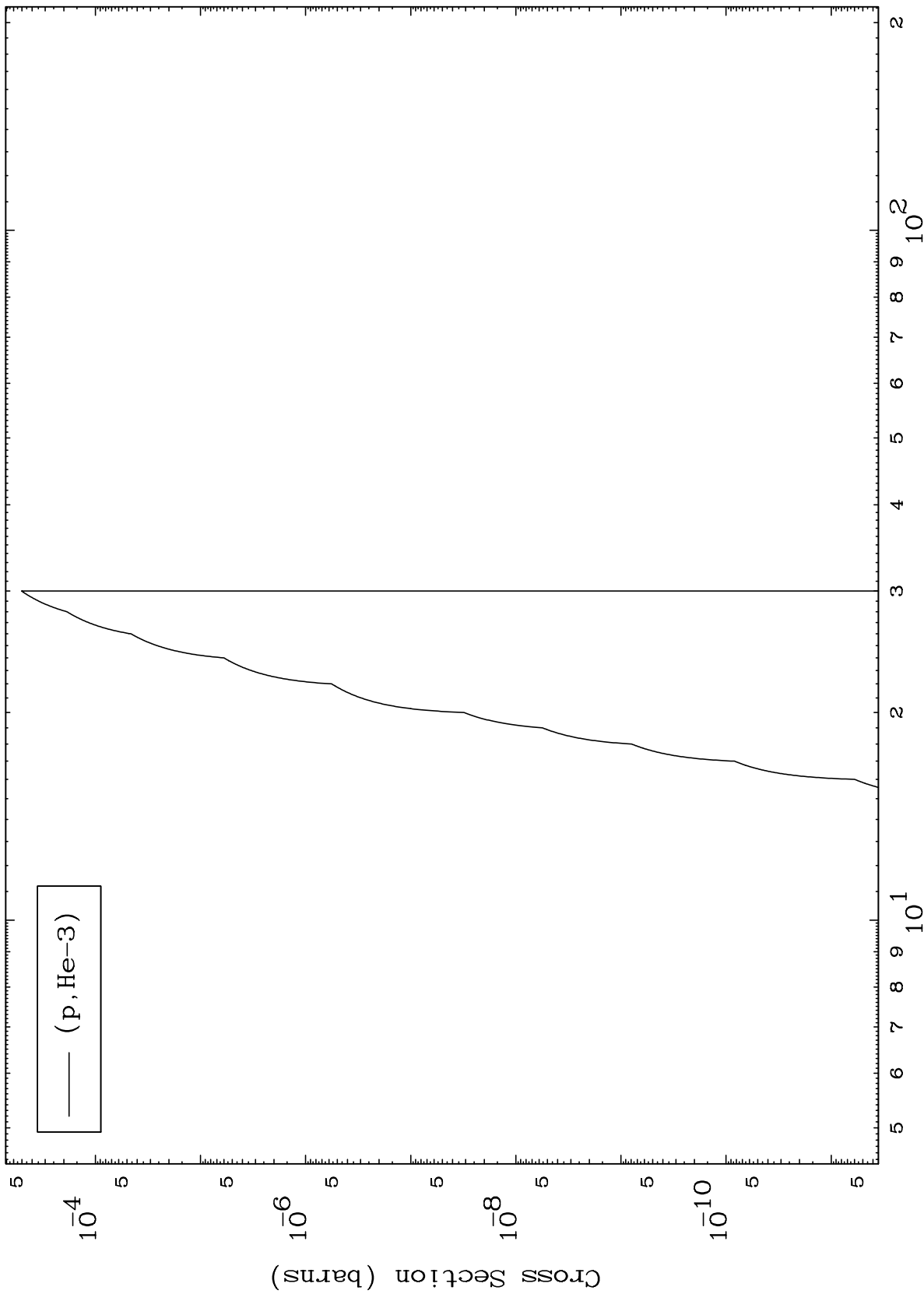
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(p,He3) Levels
0 Kelvin Cross Sections



80-Hg-191

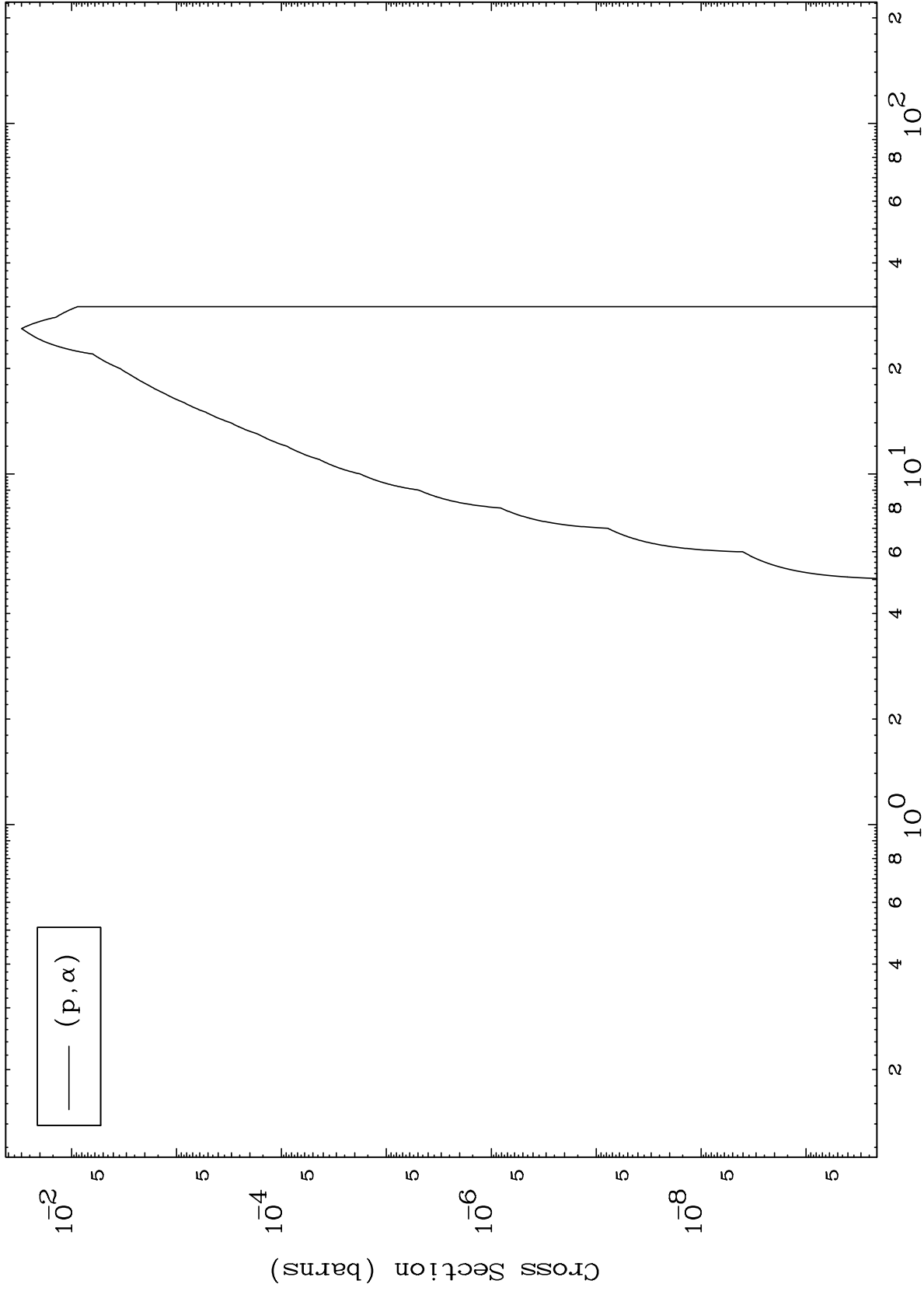
Incident Energy (MeV)

10

MAT 8010

80-Hg-191

(p, α) Levels
0 Kelvin Cross Sections



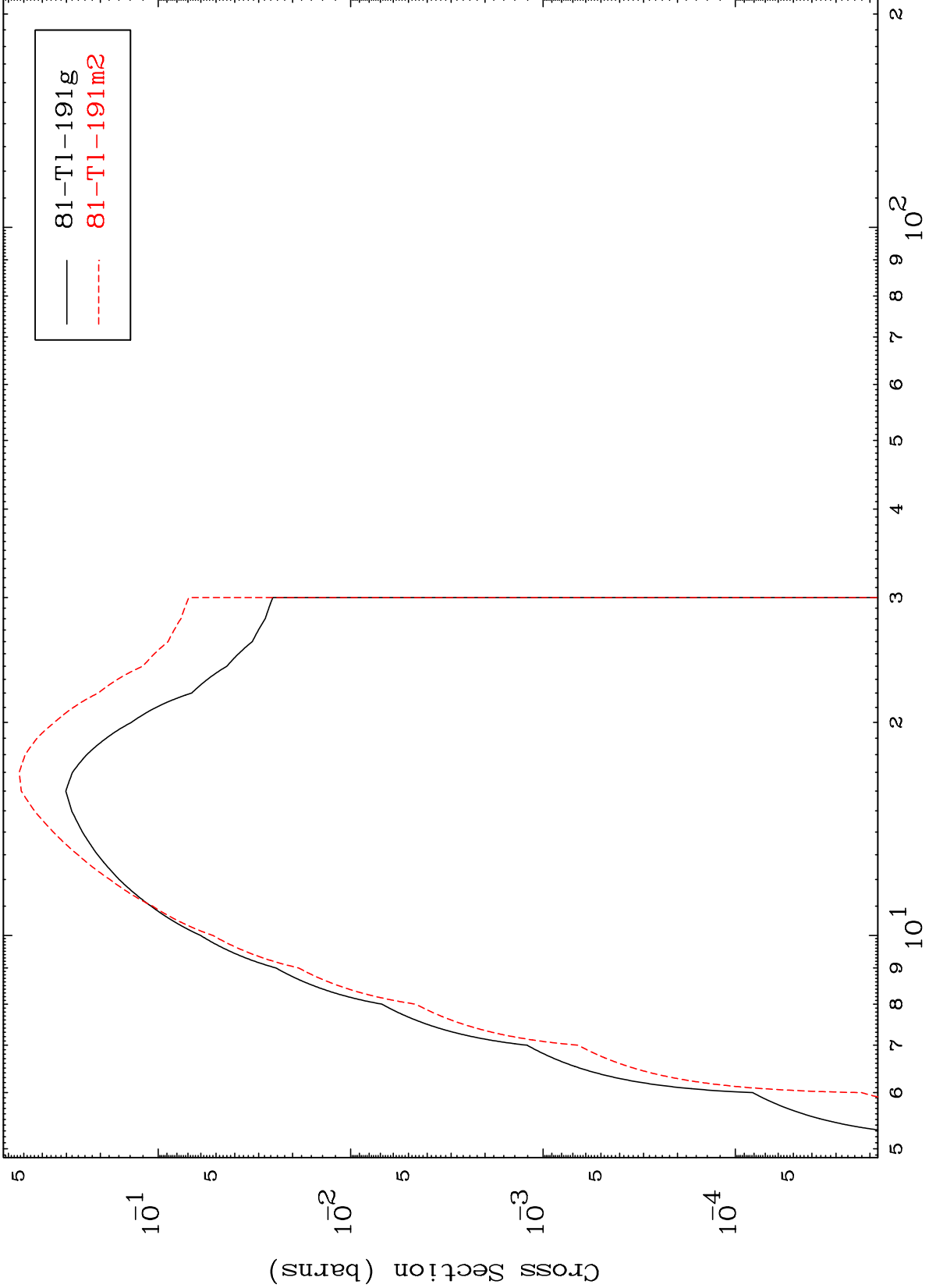
80-Hg-191

Incident Energy (MeV)

MAT 8010

Proton Inelastic
Radionuclide Production Cross Section

80-Hg-191



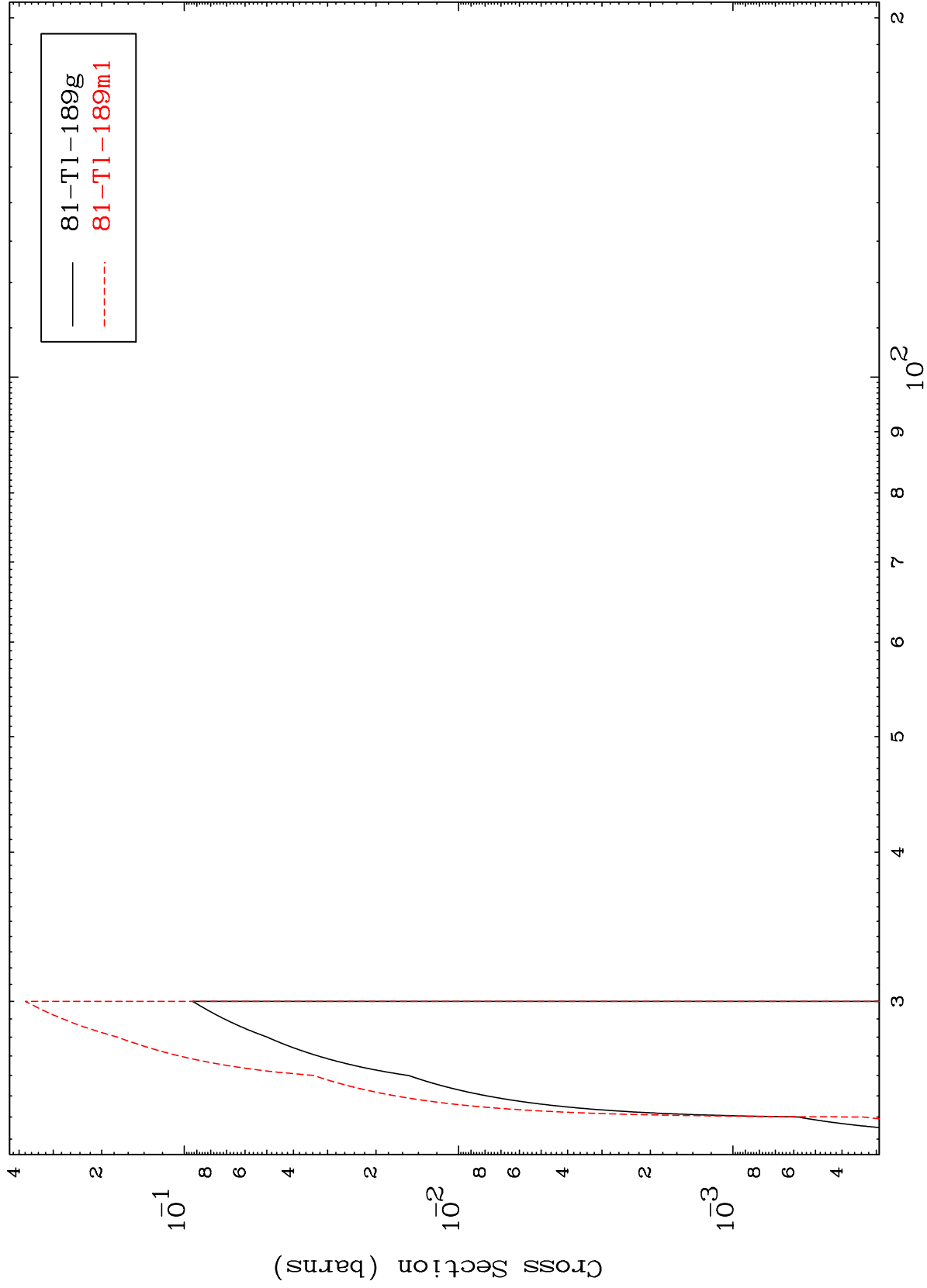
81-Tl-191g
81-Tl-191m2

12

Incident Energy (MeV)

80-Hg-191

(p,3n)
Radionuclide Production Cross Section

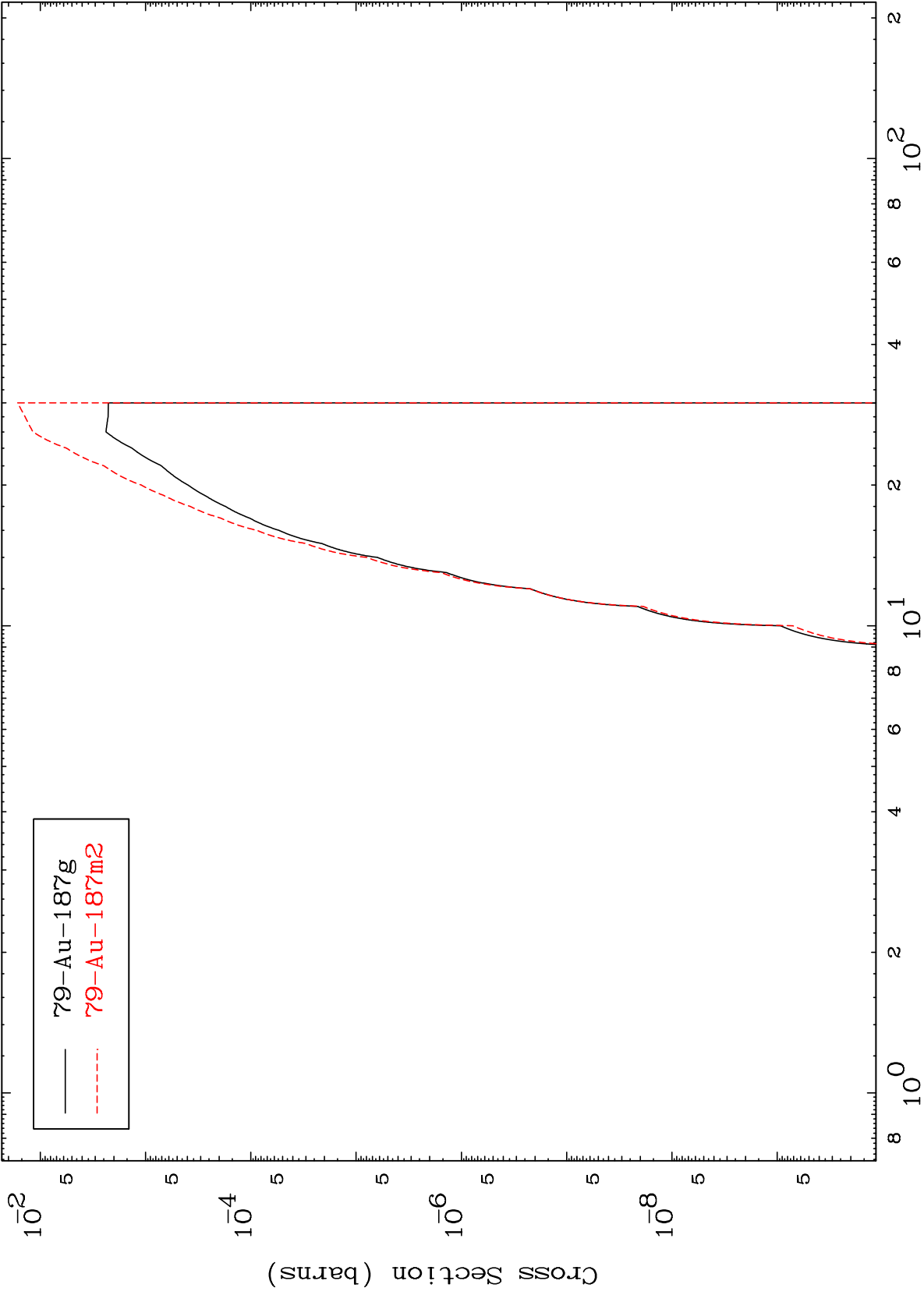


MAT 8010

(p,n') α

80-Hg-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

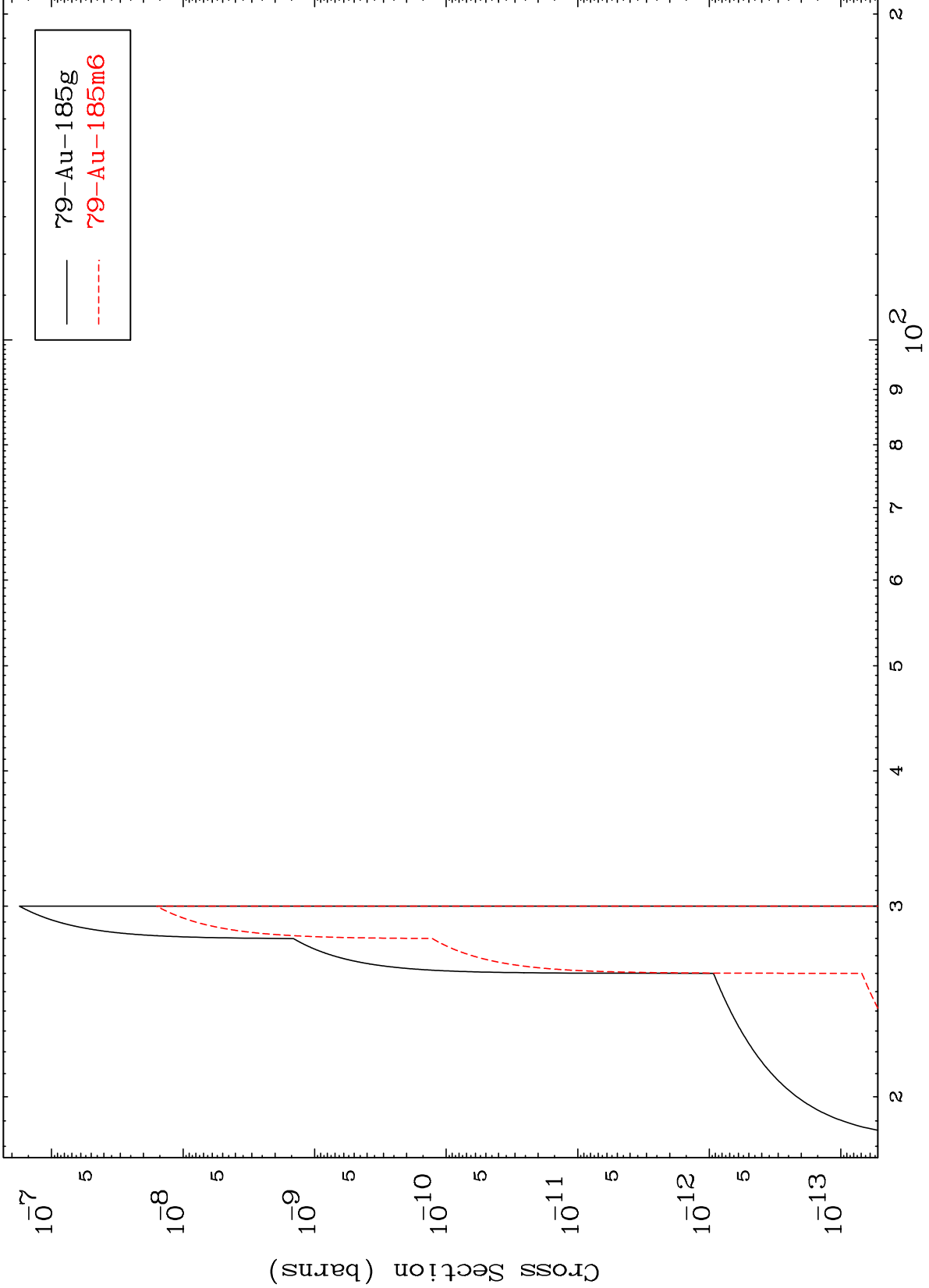
80-Hg-191

MAT 8010

(p,3n) α

80-Hg-191

Radionuclide Production Cross Section



16

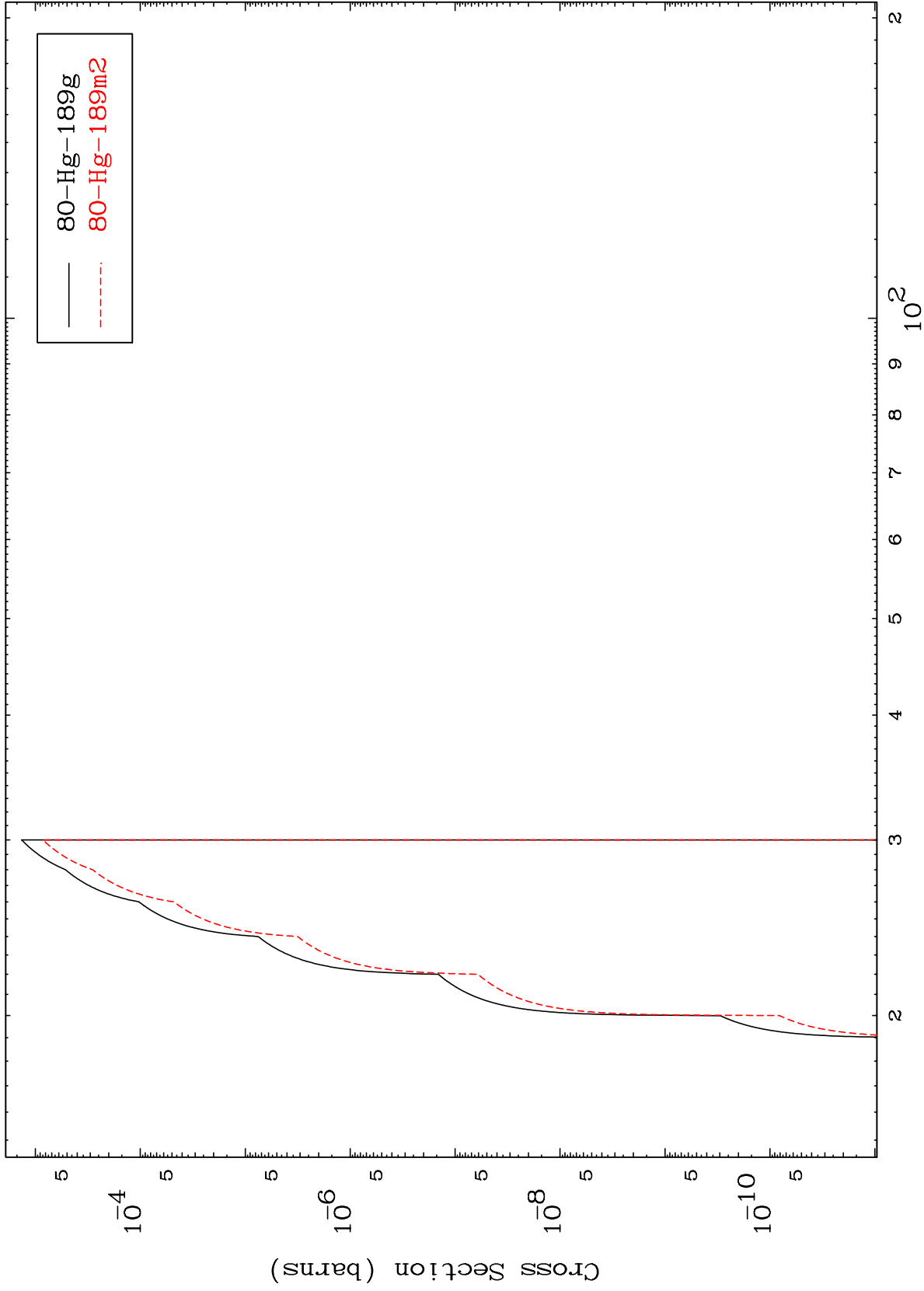
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(p,n') d
Radionuclide Production Cross Section



17

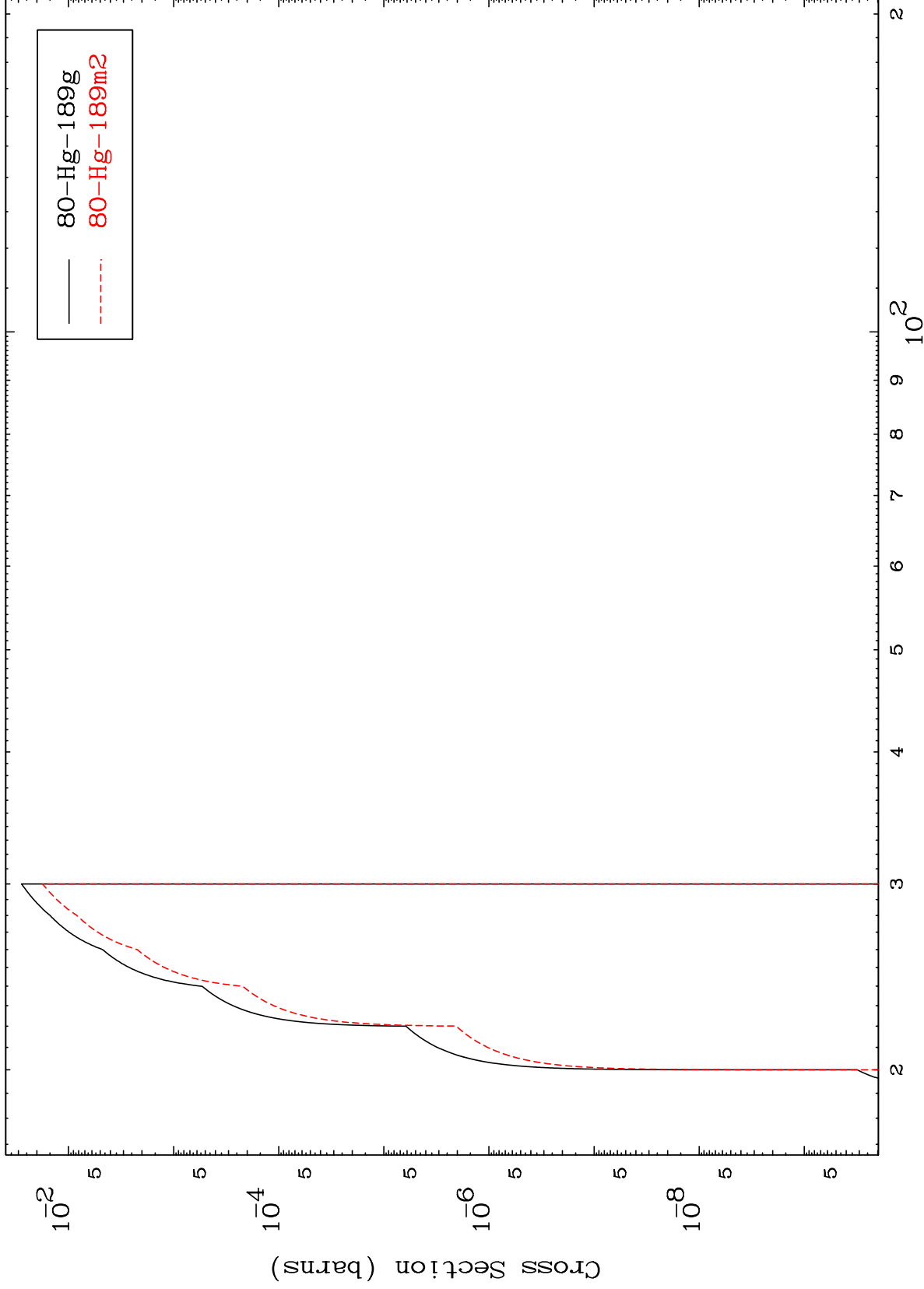
80-Hg-191

Incident Energy (MeV)

MAT 8010

80-Hg-191

(p,2n) p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

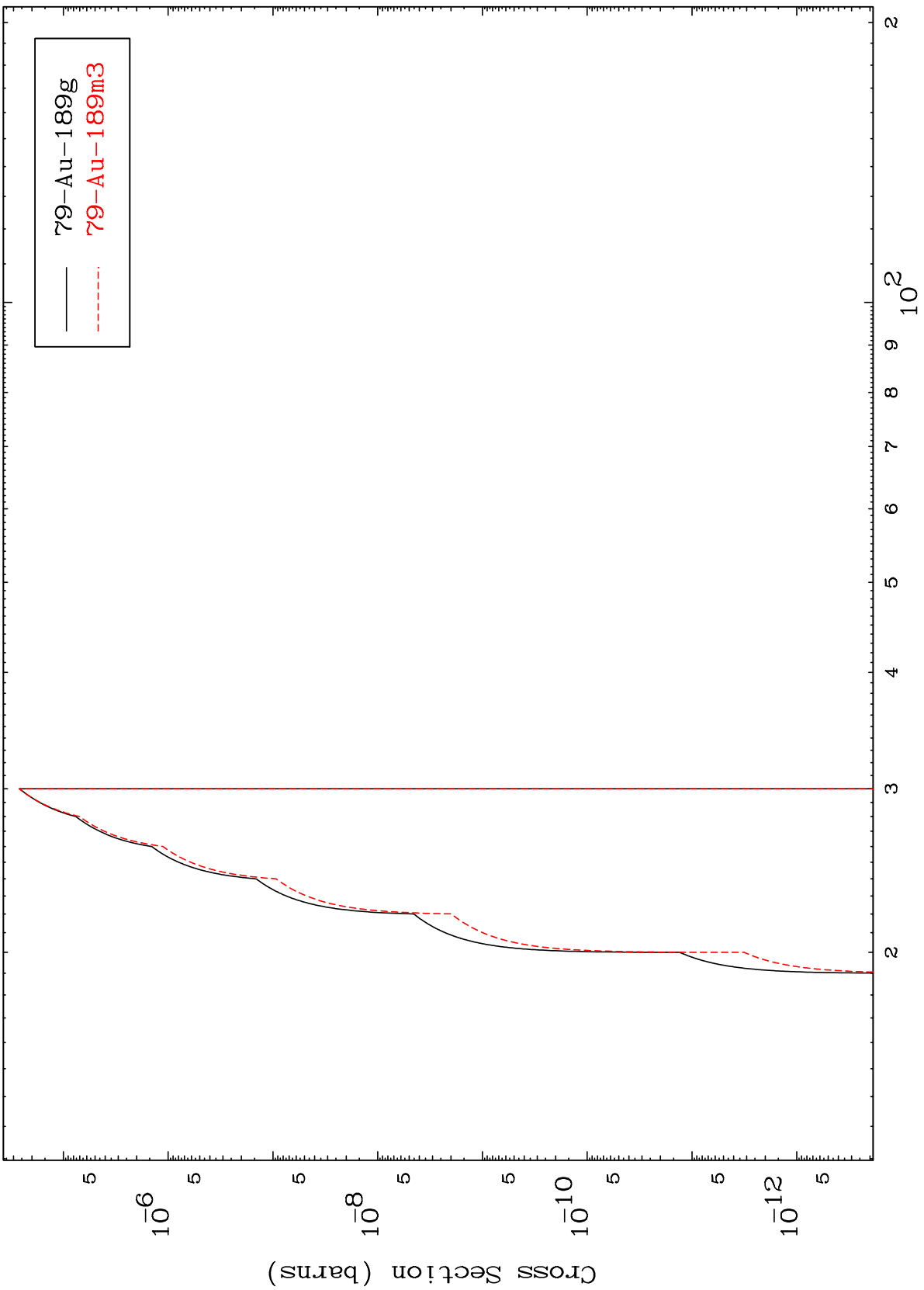
80-Hg-191

MAT 8010

(p,2n) p

80-Hg-191

Radionuclide Production Cross Section



19

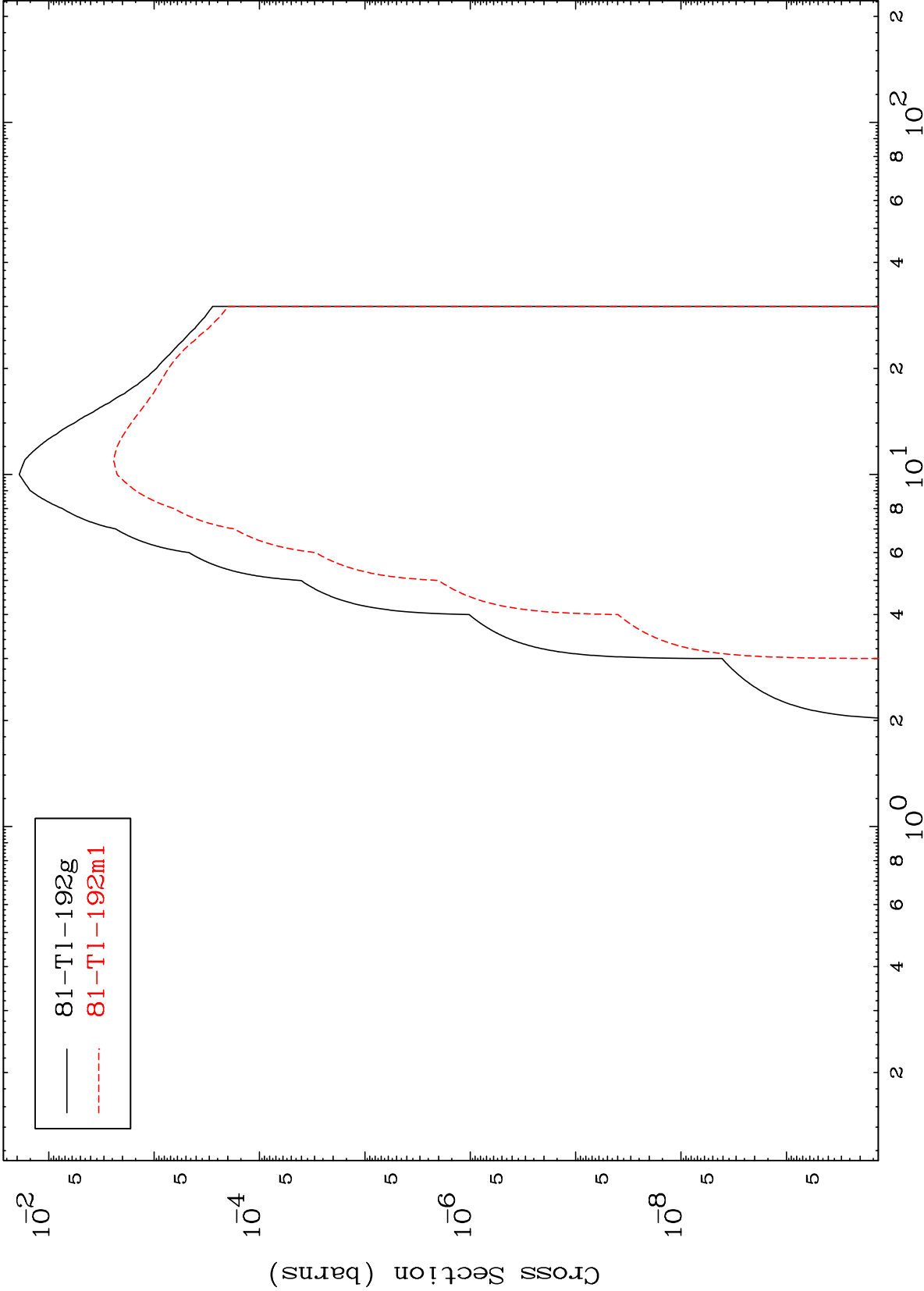
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(p, γ)
Radionuclide Production Cross Section



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

80-Hg-191

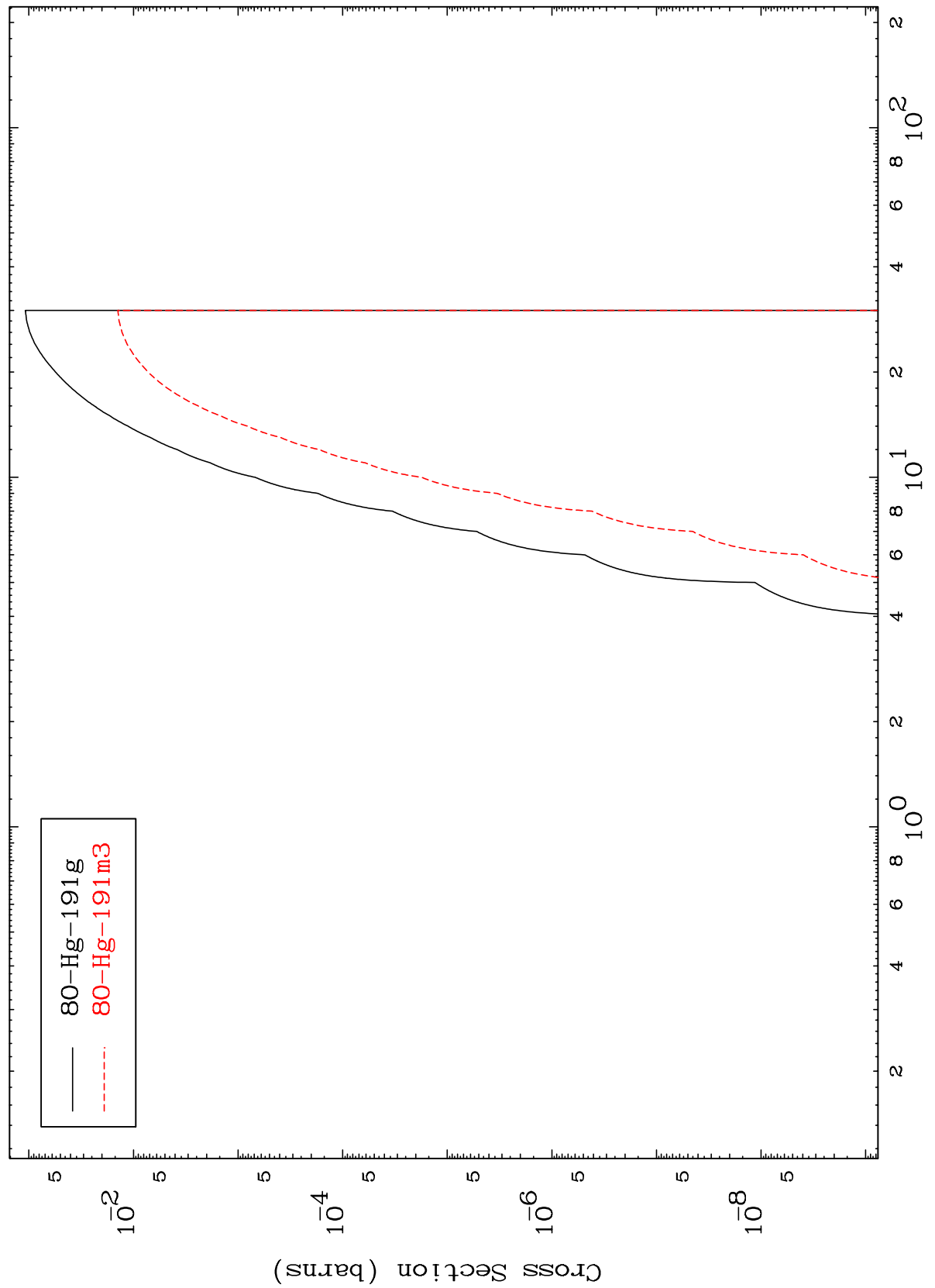
Incident Energy (MeV)

20

MAT 8010

80-Hg-191

Radionuclide Production Cross Section (p,p)

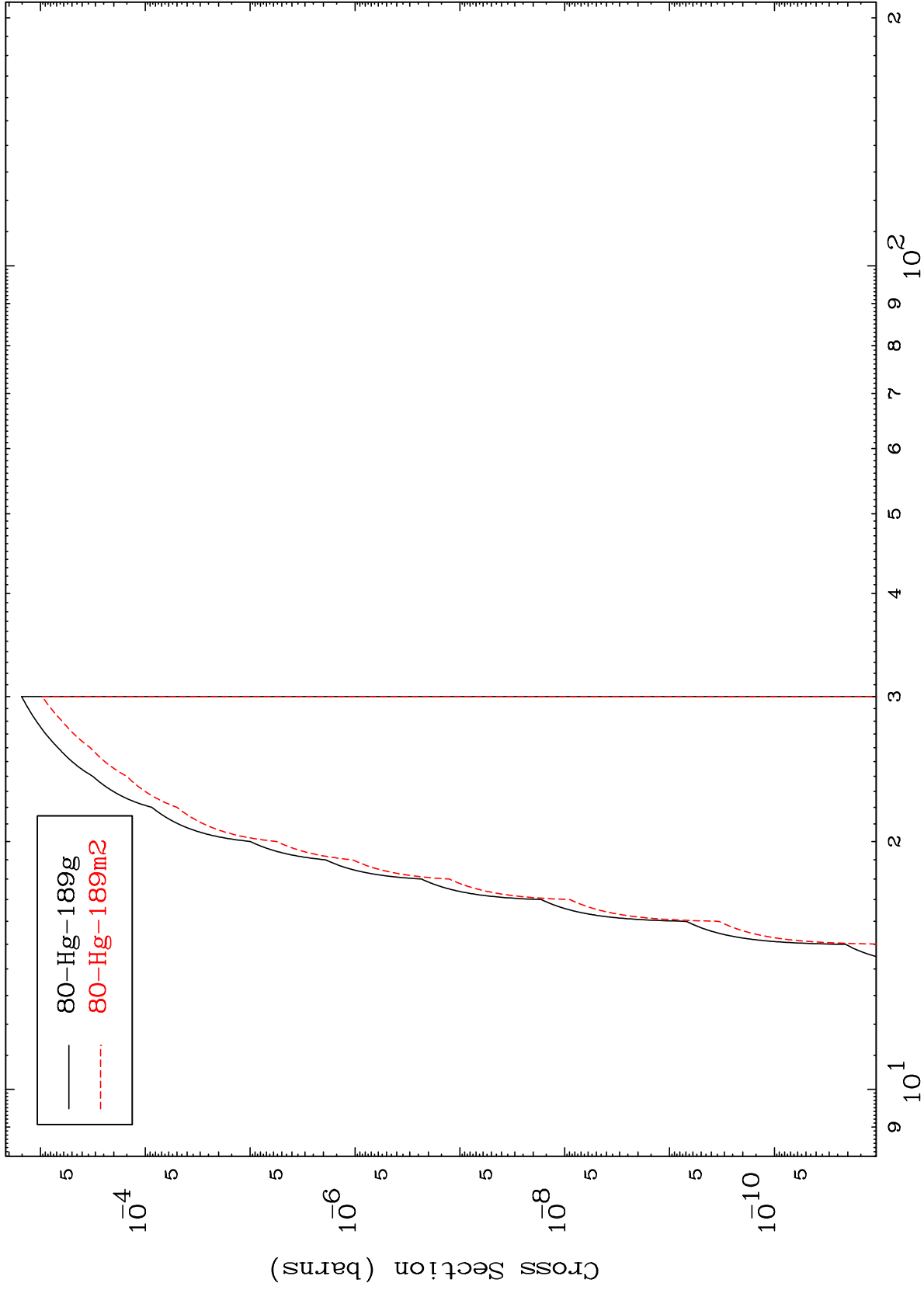


80-Hg-191 g
80-Hg-191 m3

MAT 8010

80-Hg-191

(p, t)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

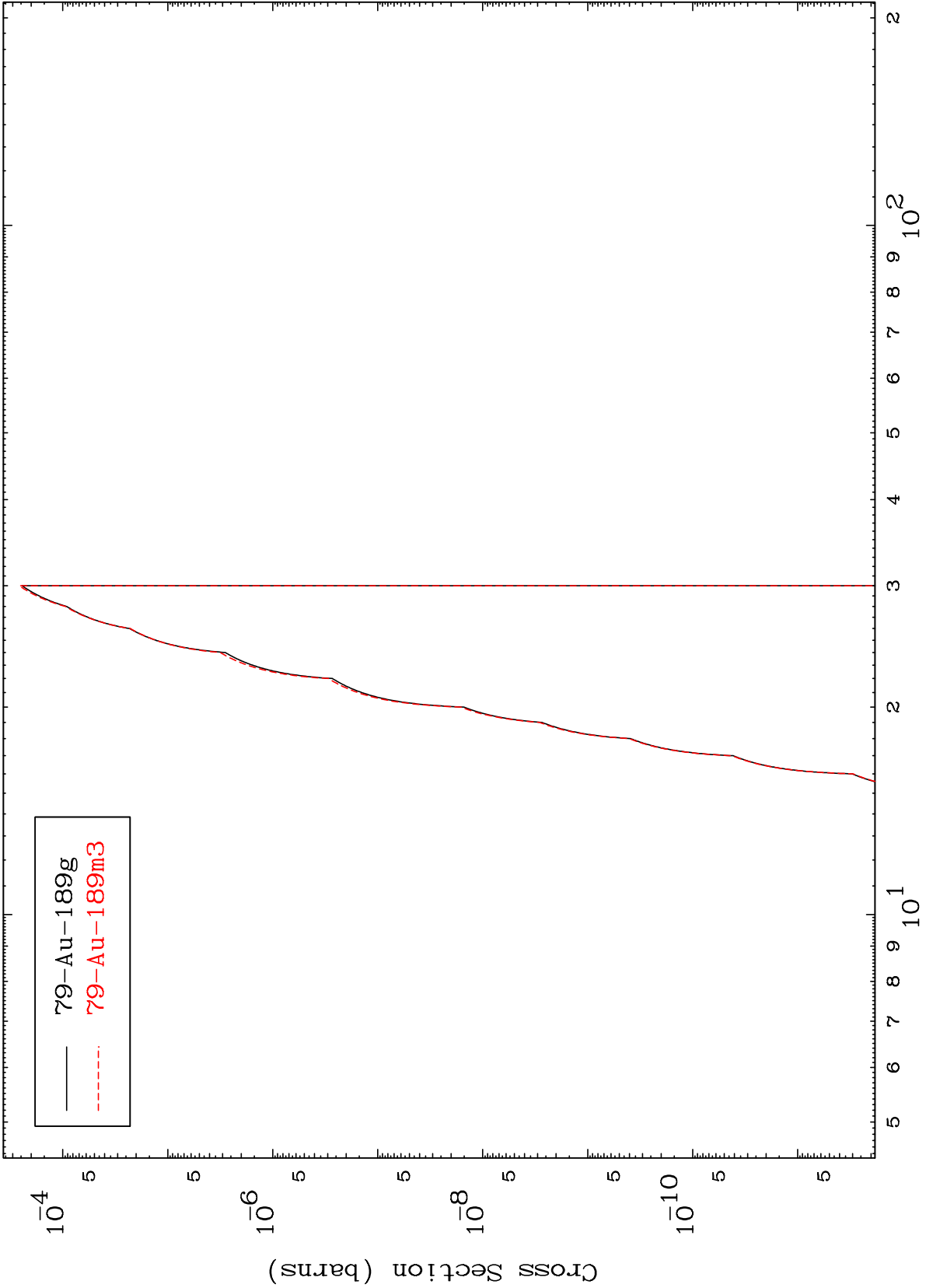
80-Hg-191

MAT 8010

(p,He-3)

80-Hg-191

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

23

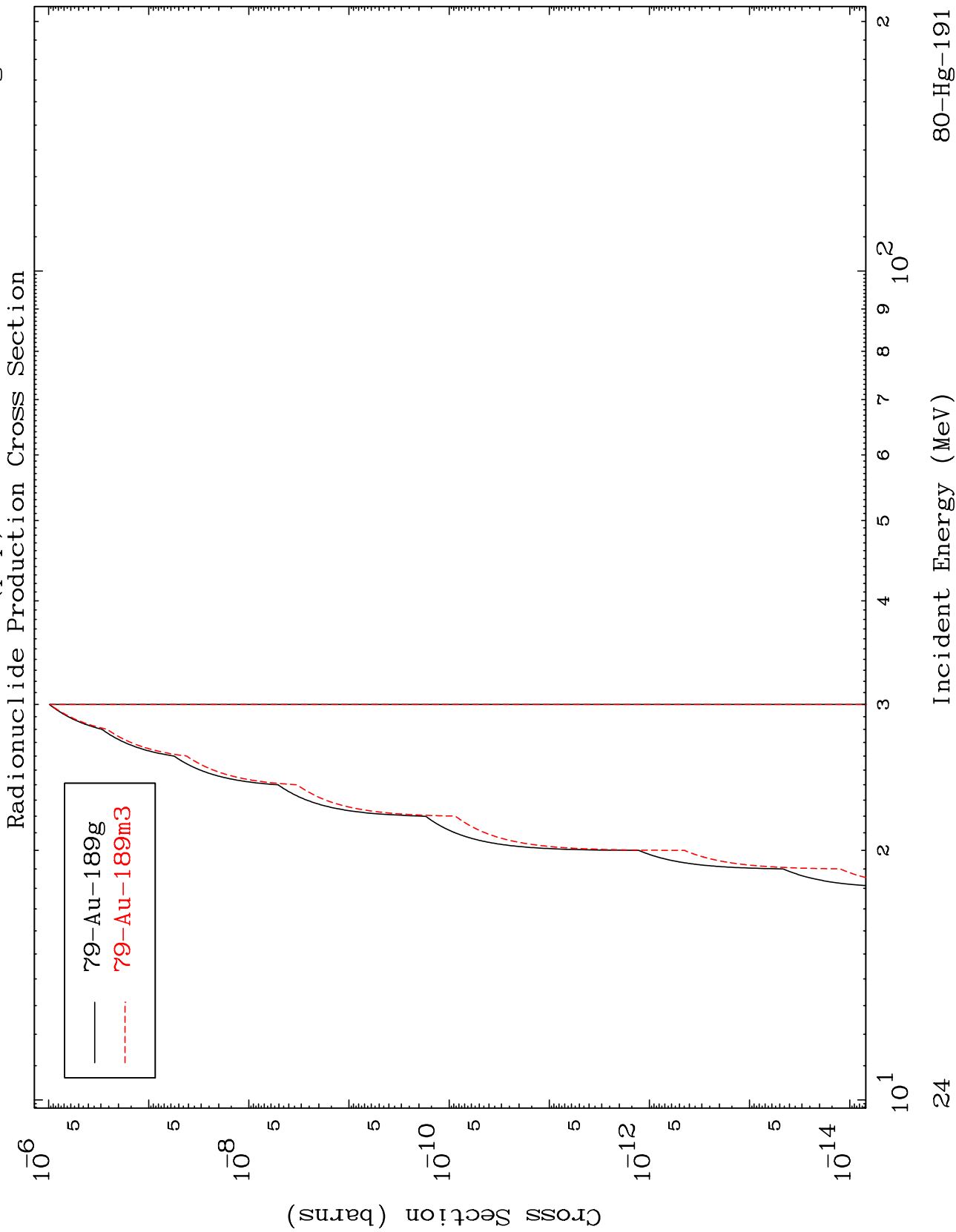
Incident Energy (MeV)

80-Hg-191

MAT 8010

(p,p) d

80-Hg-191



24