

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

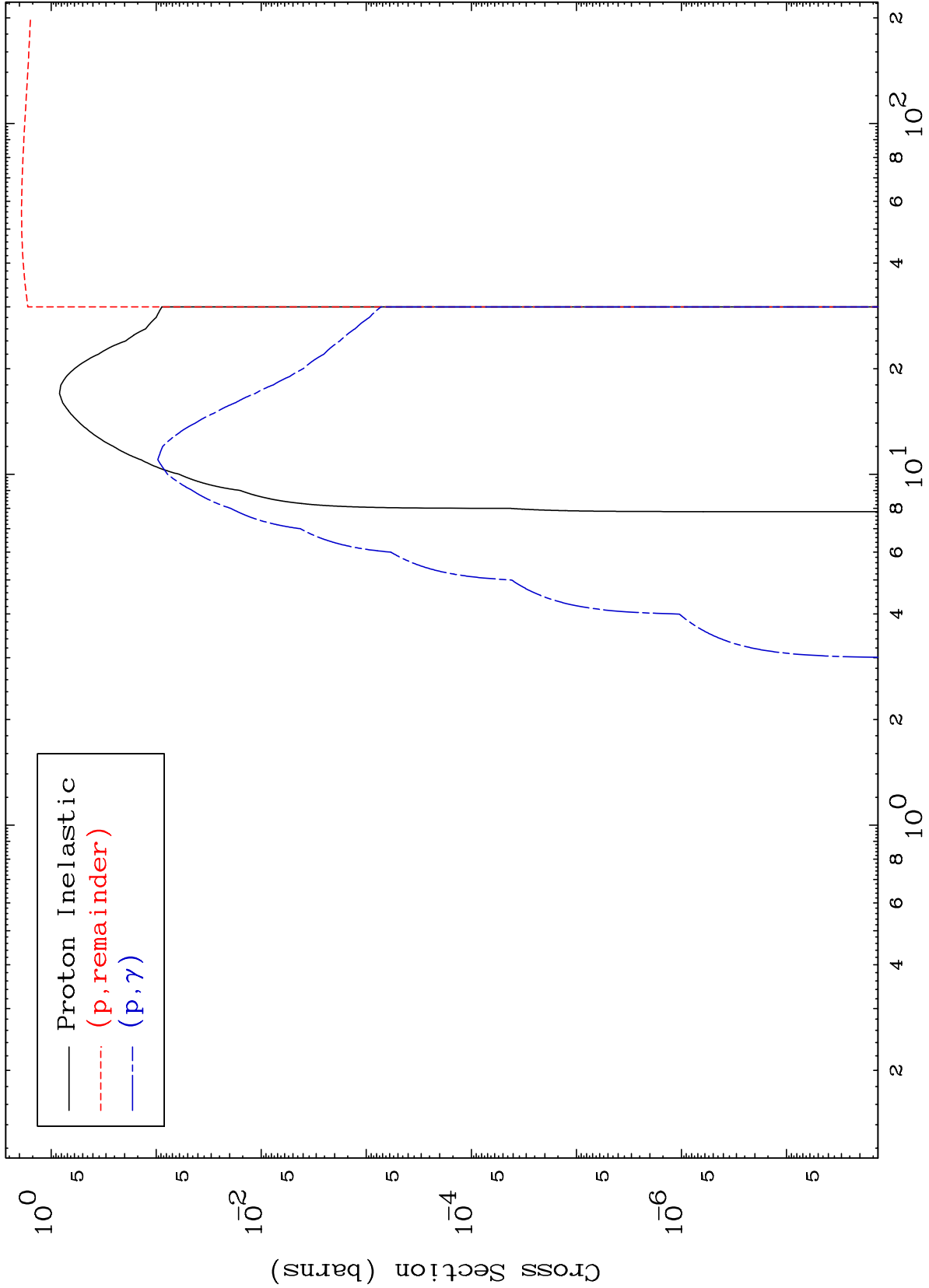
Press Mouse Button to Start

MAT 8007

Proton Major

80-Hg-190

0 Kelvin Cross Sections

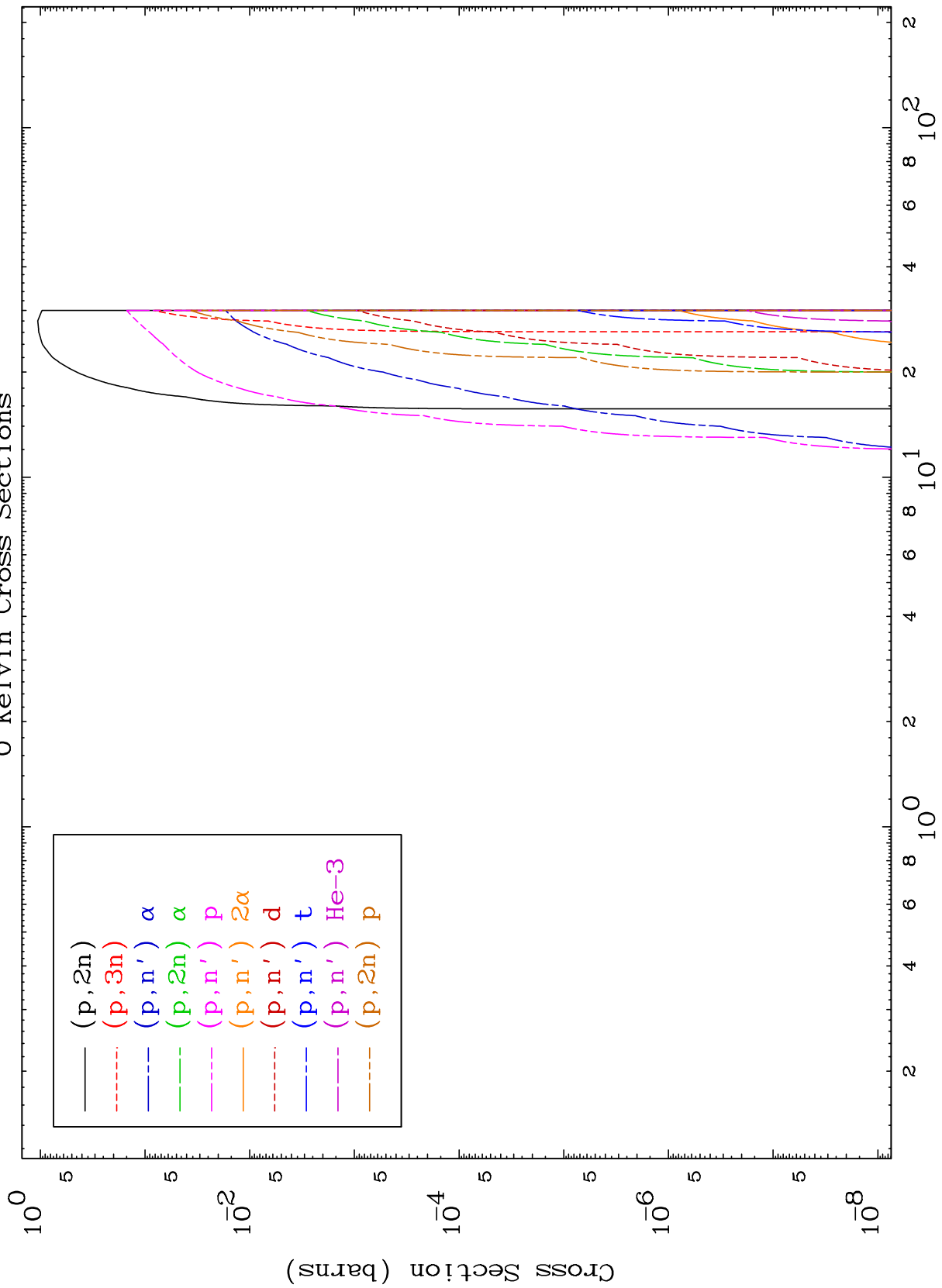


— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

MAT 8007

Proton Neutron Production
0 Kelvin Cross Sections

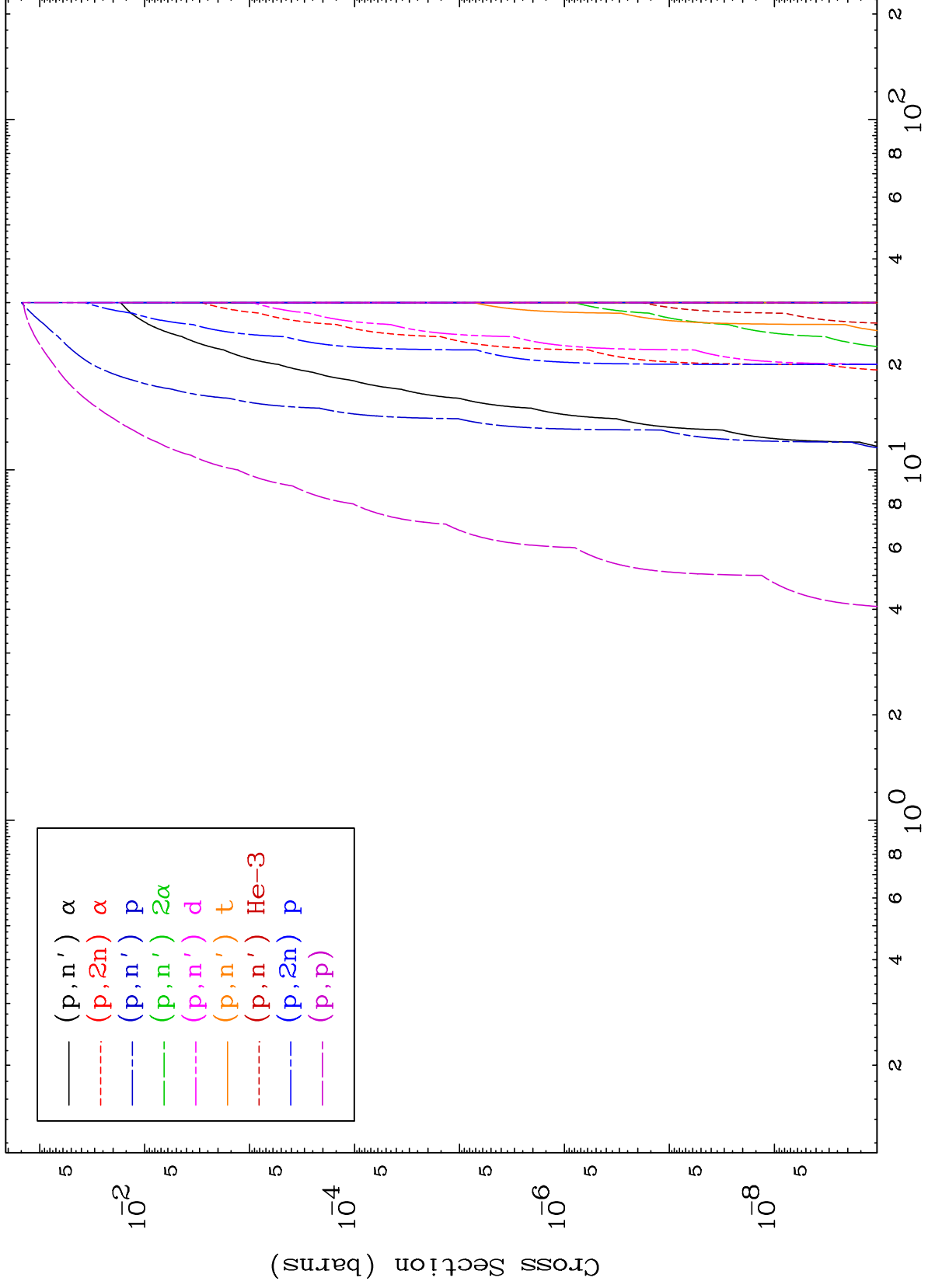
80-Hg-190



MAT 8007

Proton Charged Particle
0 Kelvin Cross Sections

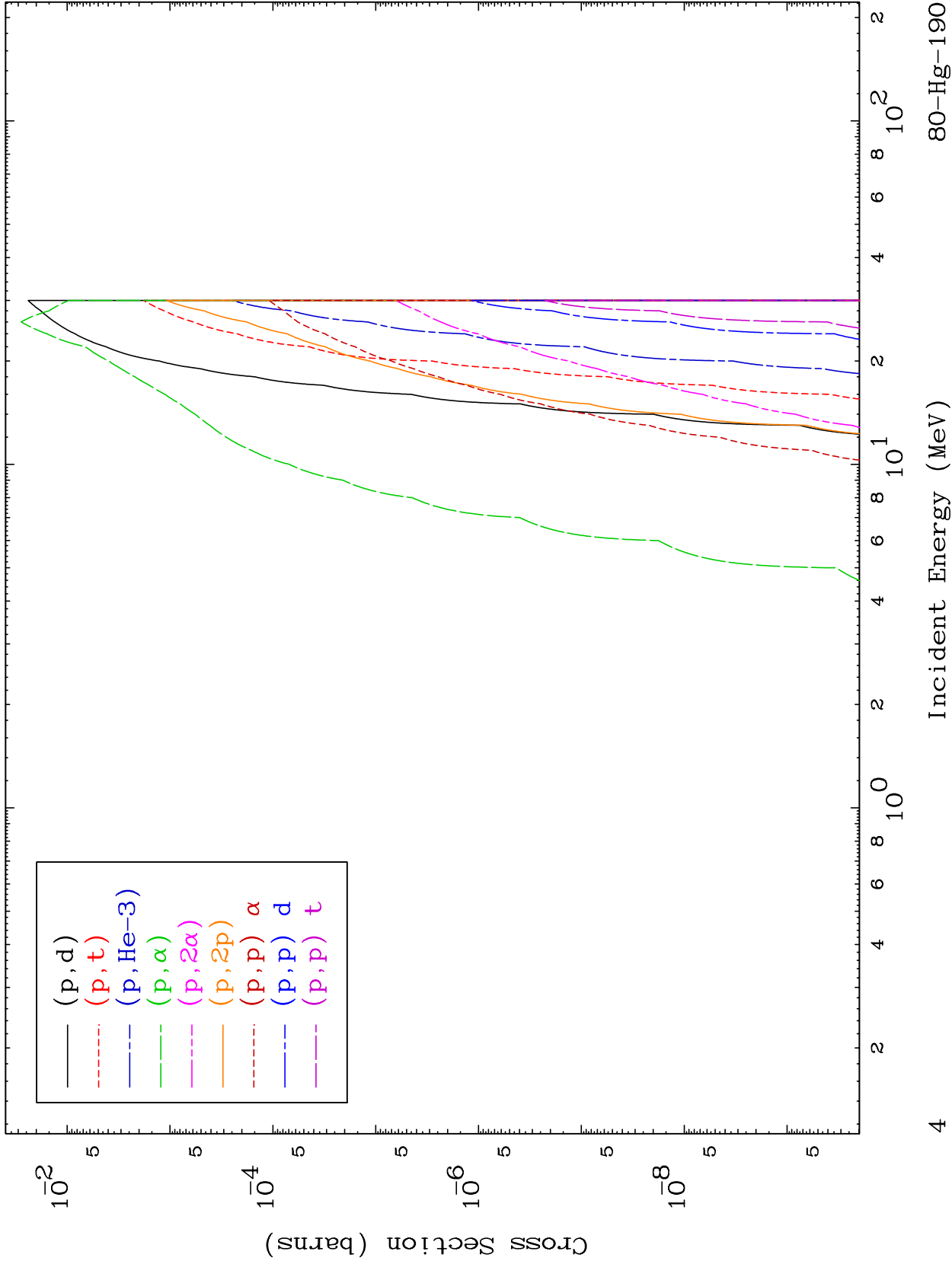
80-Hg-190

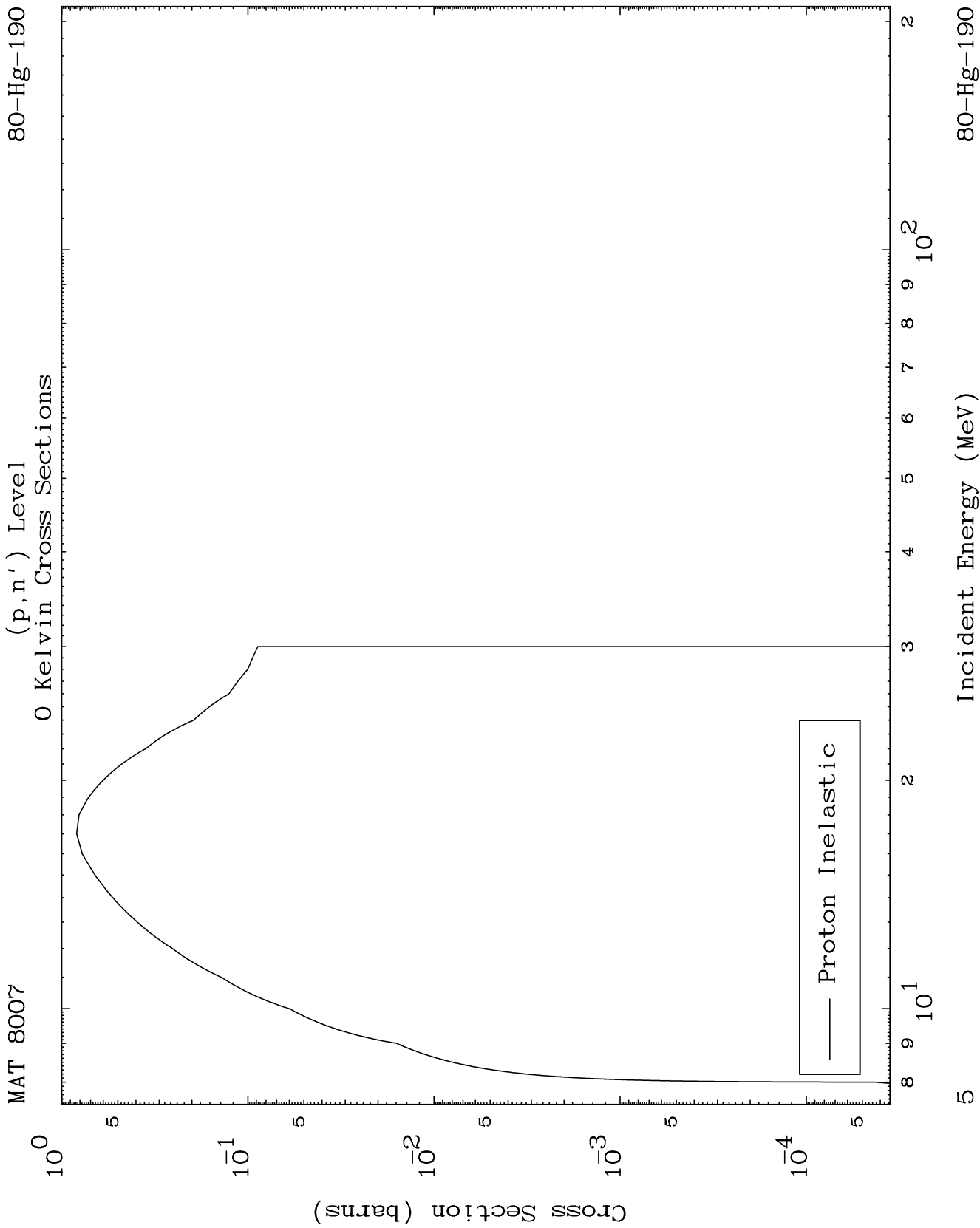


MAT 8007

Proton Charged Particle
0 Kelvin Cross Sections

80-Hg-190

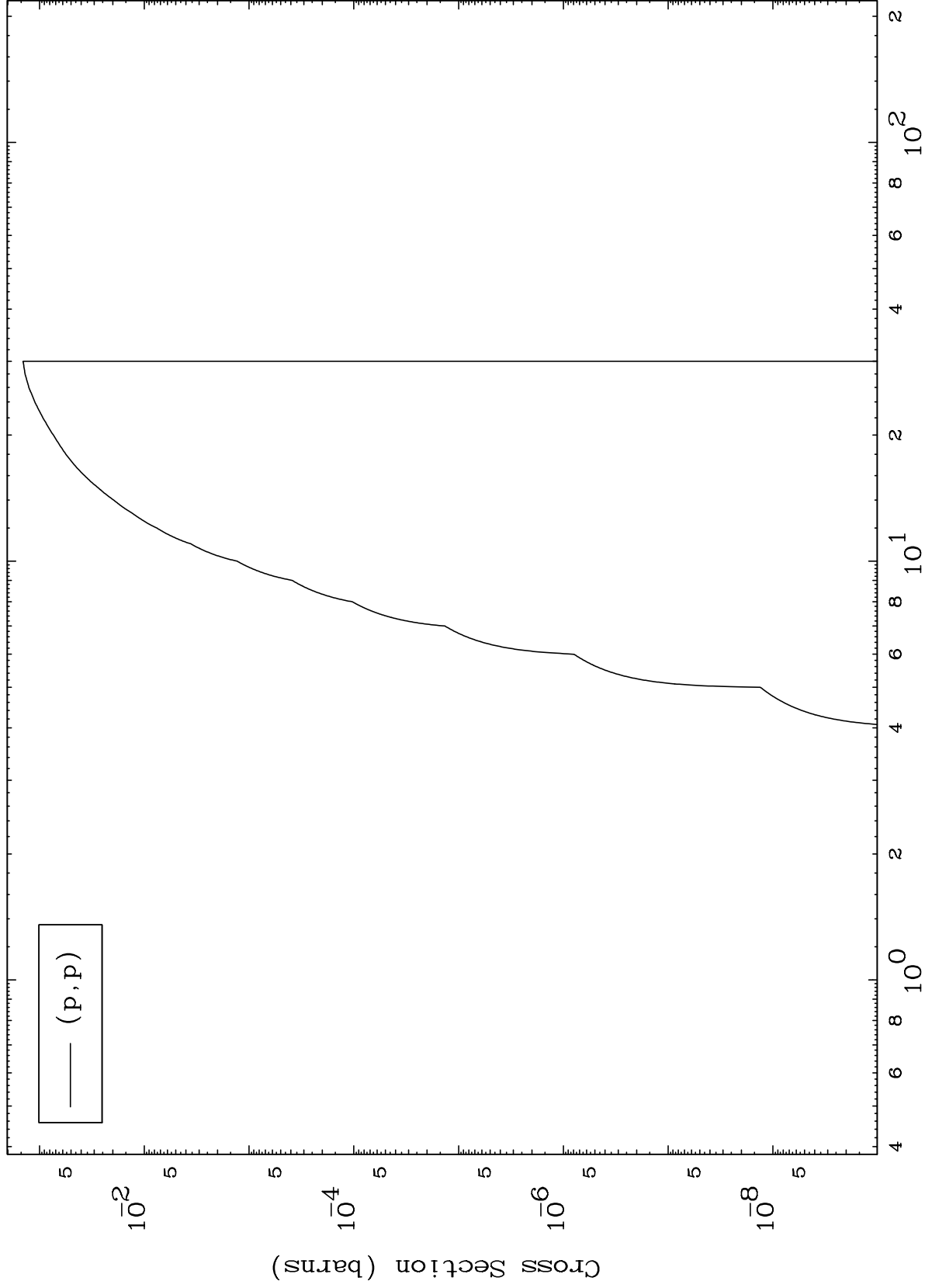




MAT 8007

(p,p) Levels
0 Kelvin Cross Sections

80-Hg-190



6

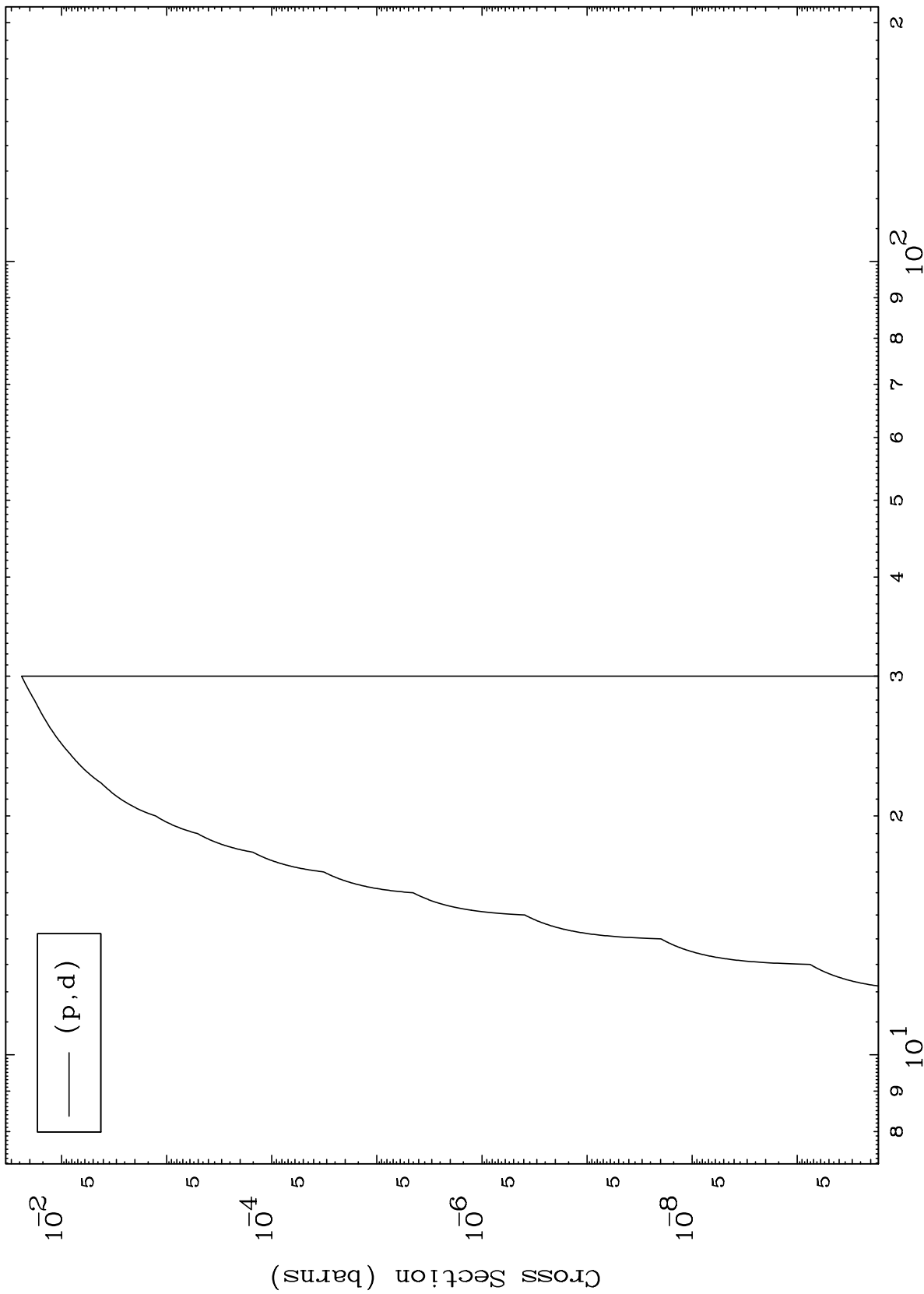
Incident Energy (MeV)

80-Hg-190

MAT 8007

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-190



7

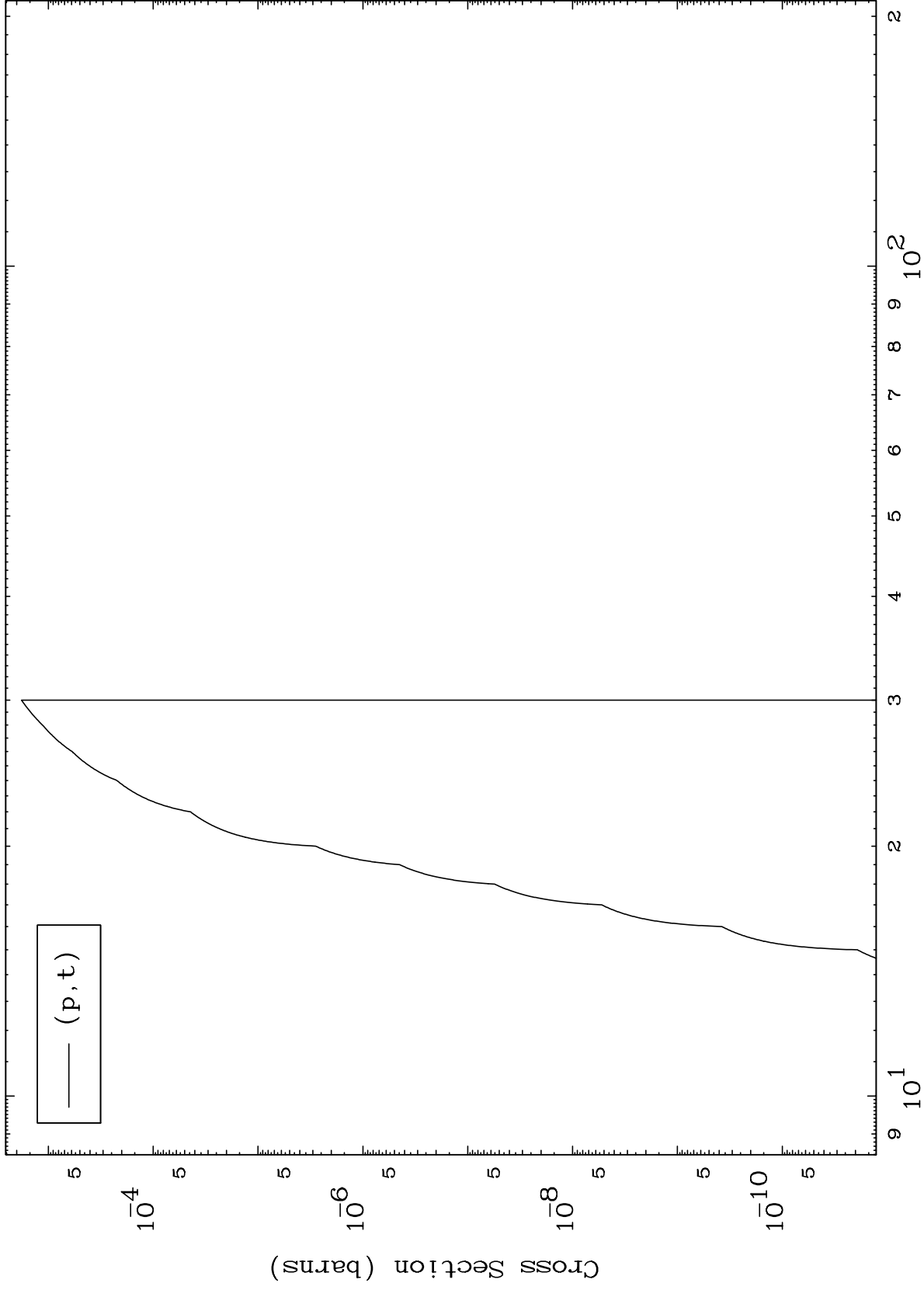
Incident Energy (MeV)

80-Hg-190

MAT 8007

(p,t) Levels
0 Kelvin Cross Sections

80-Hg-190



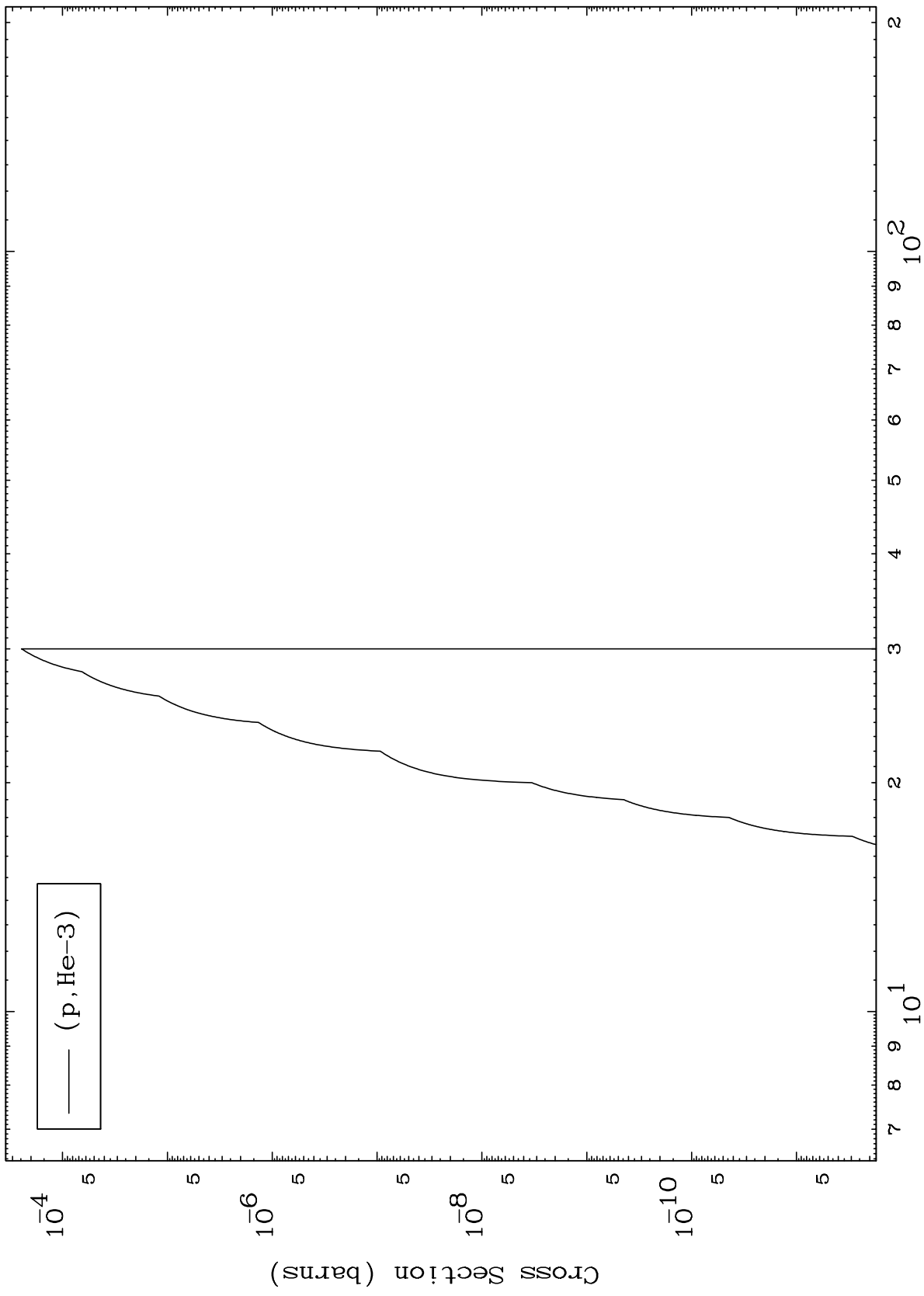
Incident Energy (MeV)

80-Hg-190

MAT 8007

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-190



9

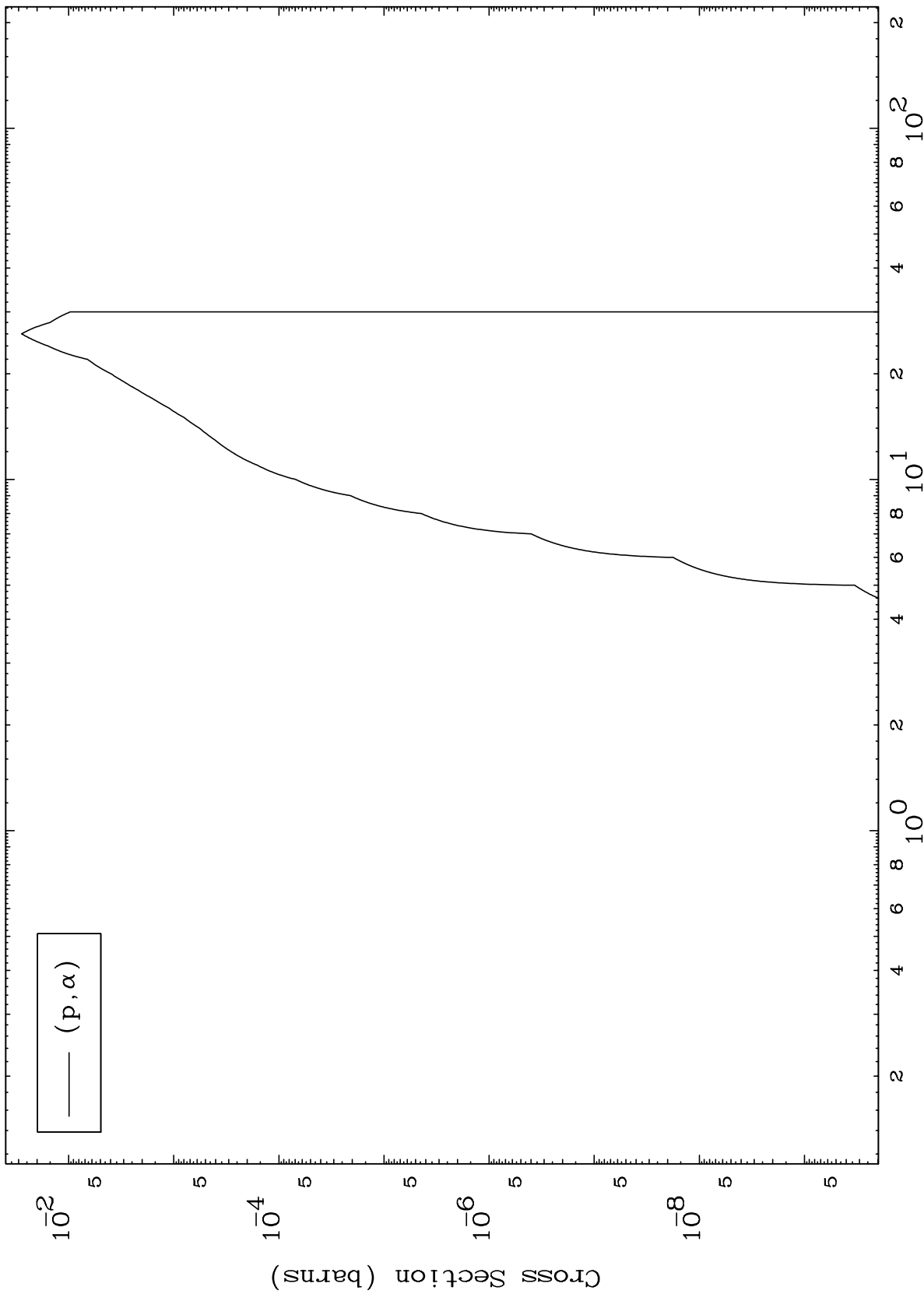
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

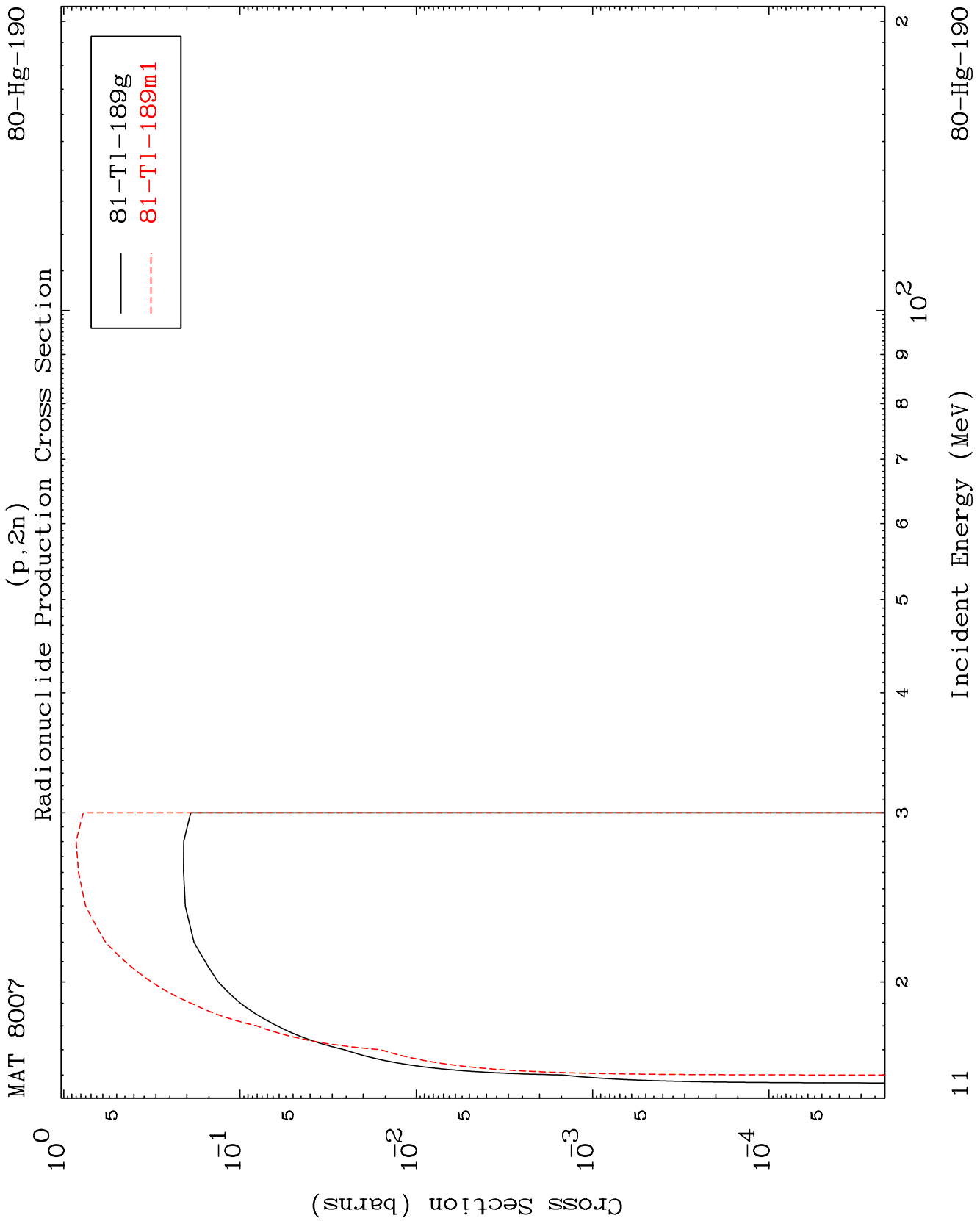
(p, α) Levels
0 Kelvin Cross Sections



80-Hg-190

Incident Energy (MeV)

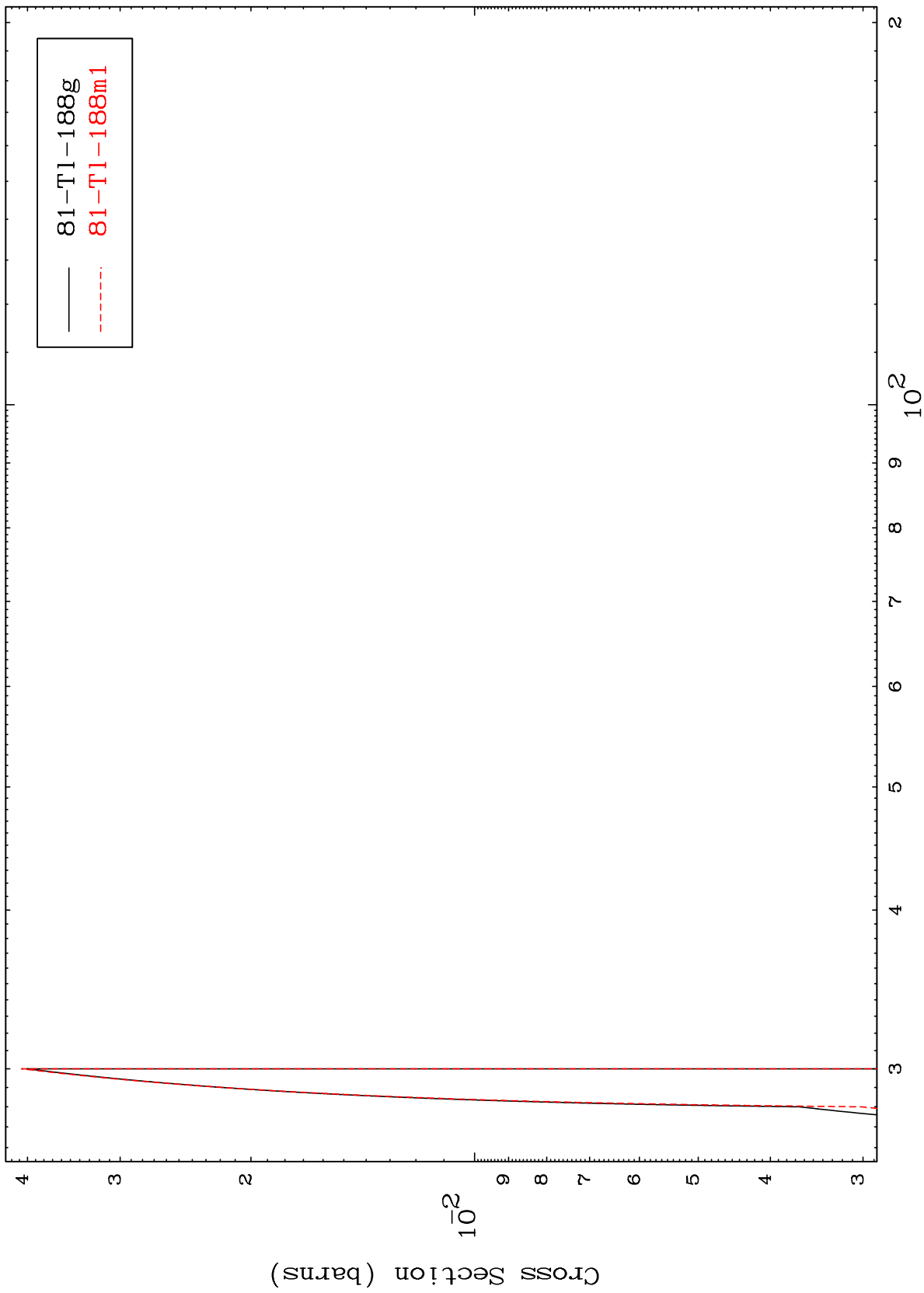
10



MAT 8007

80-Hg-190

(p,3n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

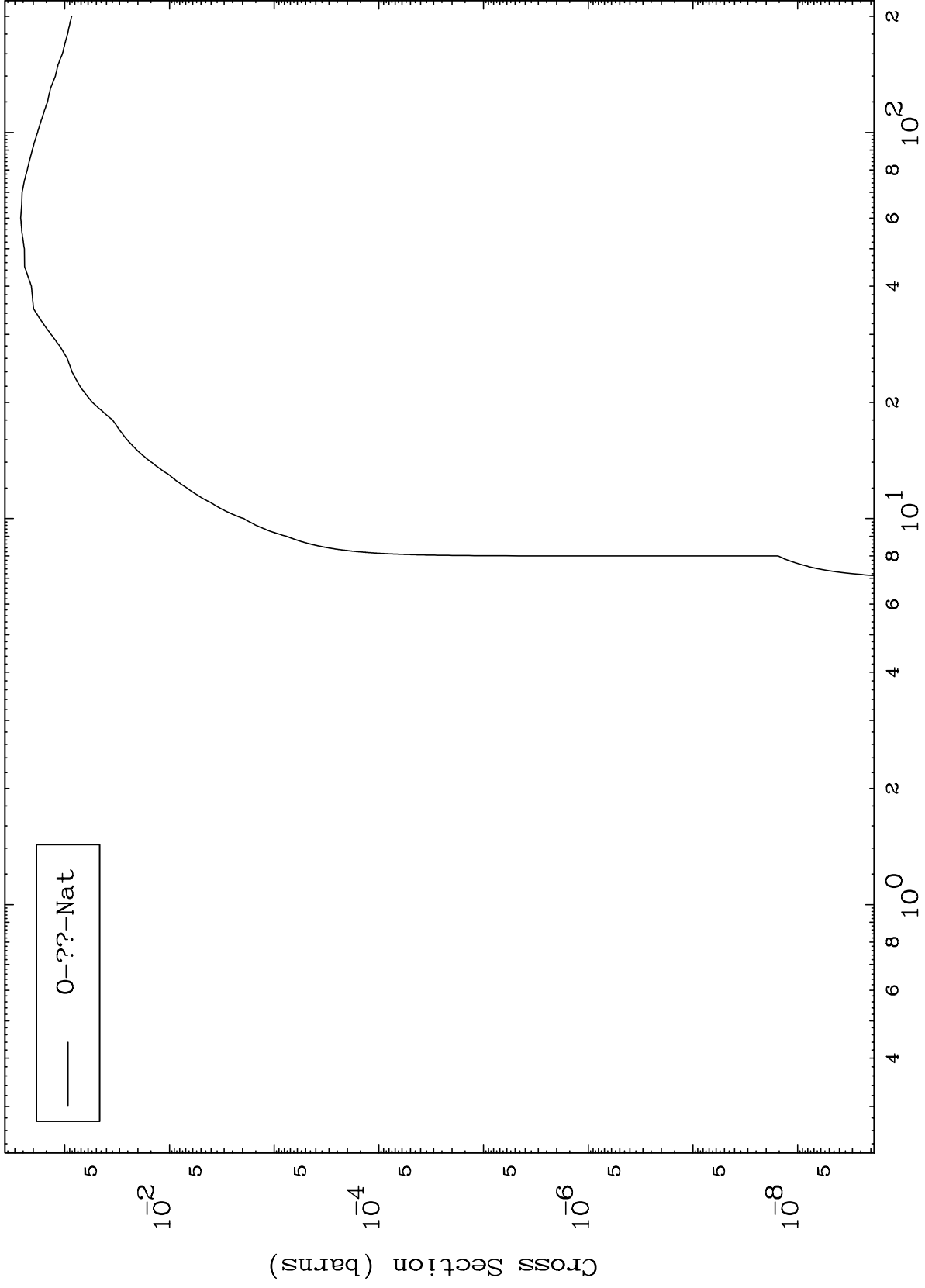
80-Hg-190

MAT 8007

Proton Fission

80-Hg-190

Radionuclide Production Cross Section



13

Incident Energy (MeV)

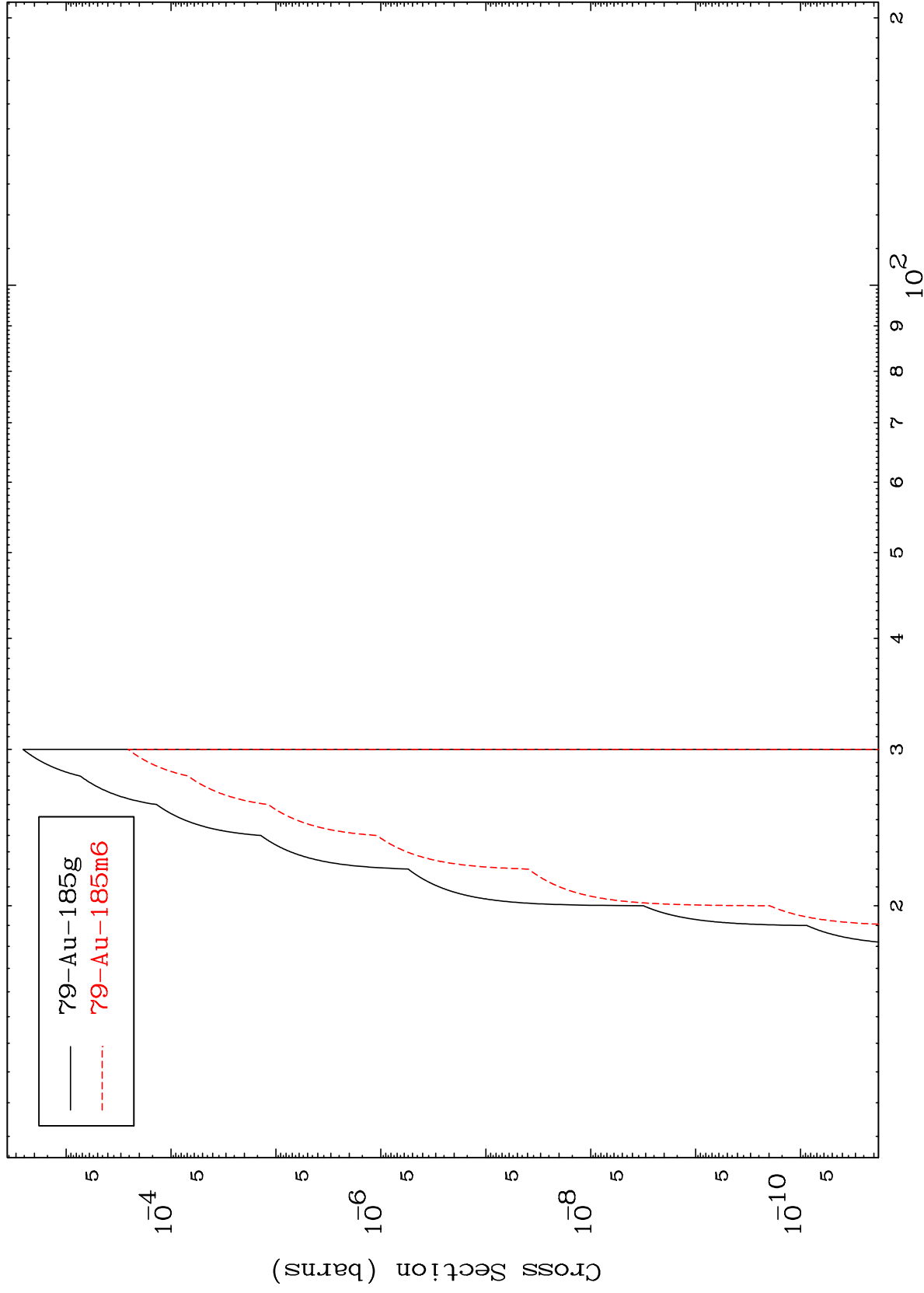
80-Hg-190

MAT 8007

80-Hg-190

(p,2n) α

Radionuclide Production Cross Section

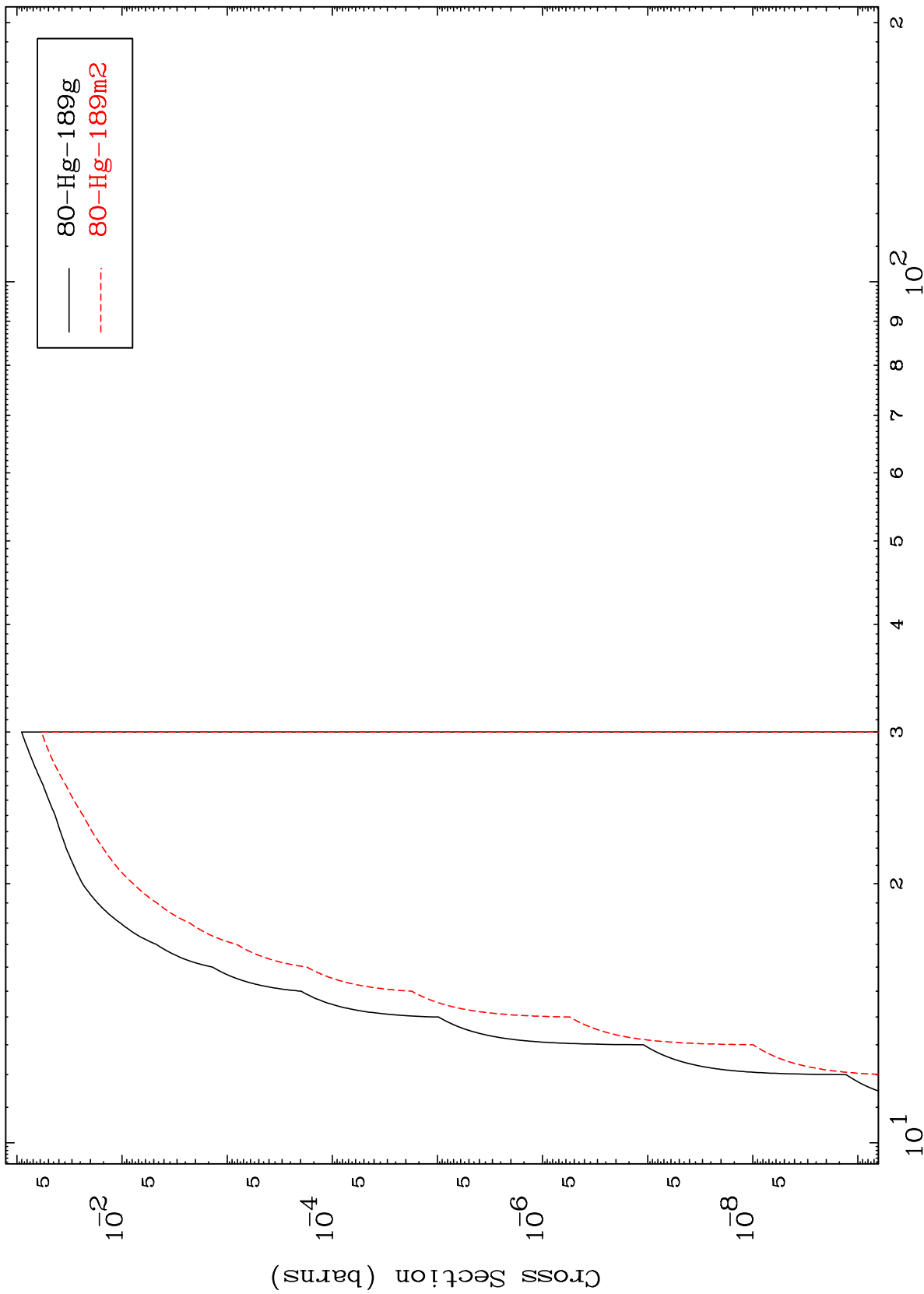


MAT 8007

(p,n') p

80-Hg-190

Radionuclide Production Cross Section



Incident Energy (MeV)

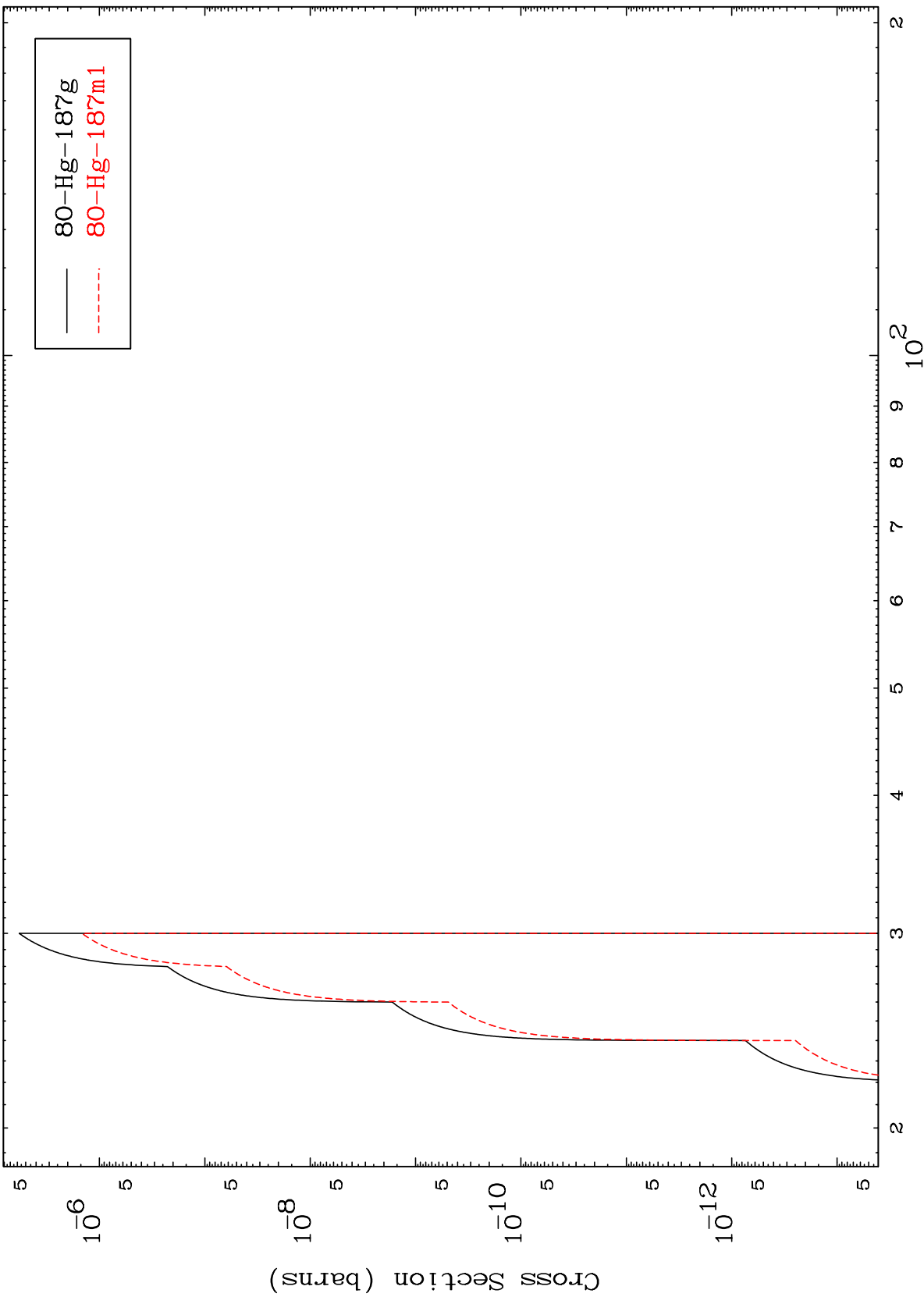
80-Hg-190

MAT 8007

(p,n') t

80-Hg-190

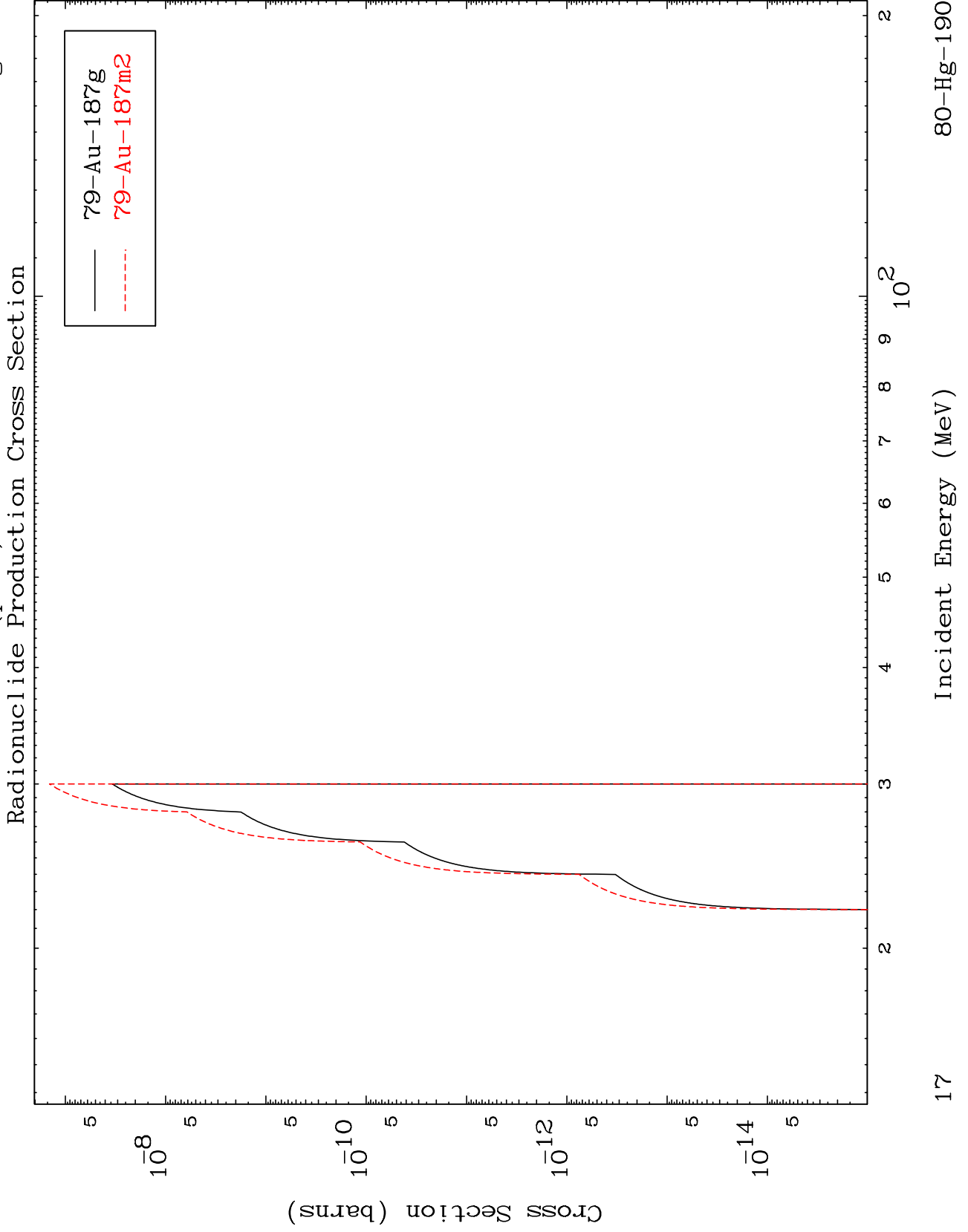
Radionuclide Production Cross Section



16

Incident Energy (MeV)

80-Hg-190

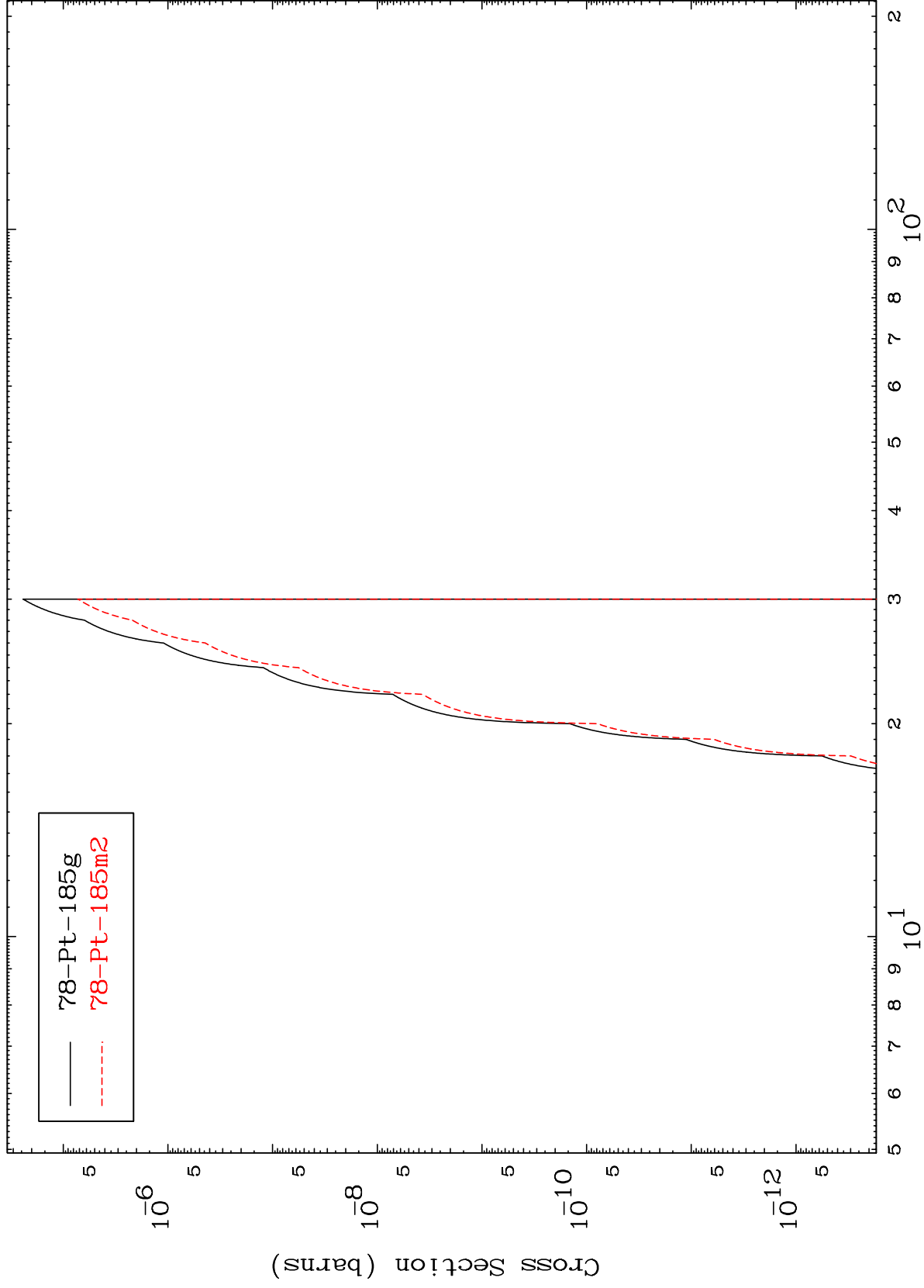


MAT 8007

(p,n') p α

80-Hg-190

Radionuclide Production Cross Section



18

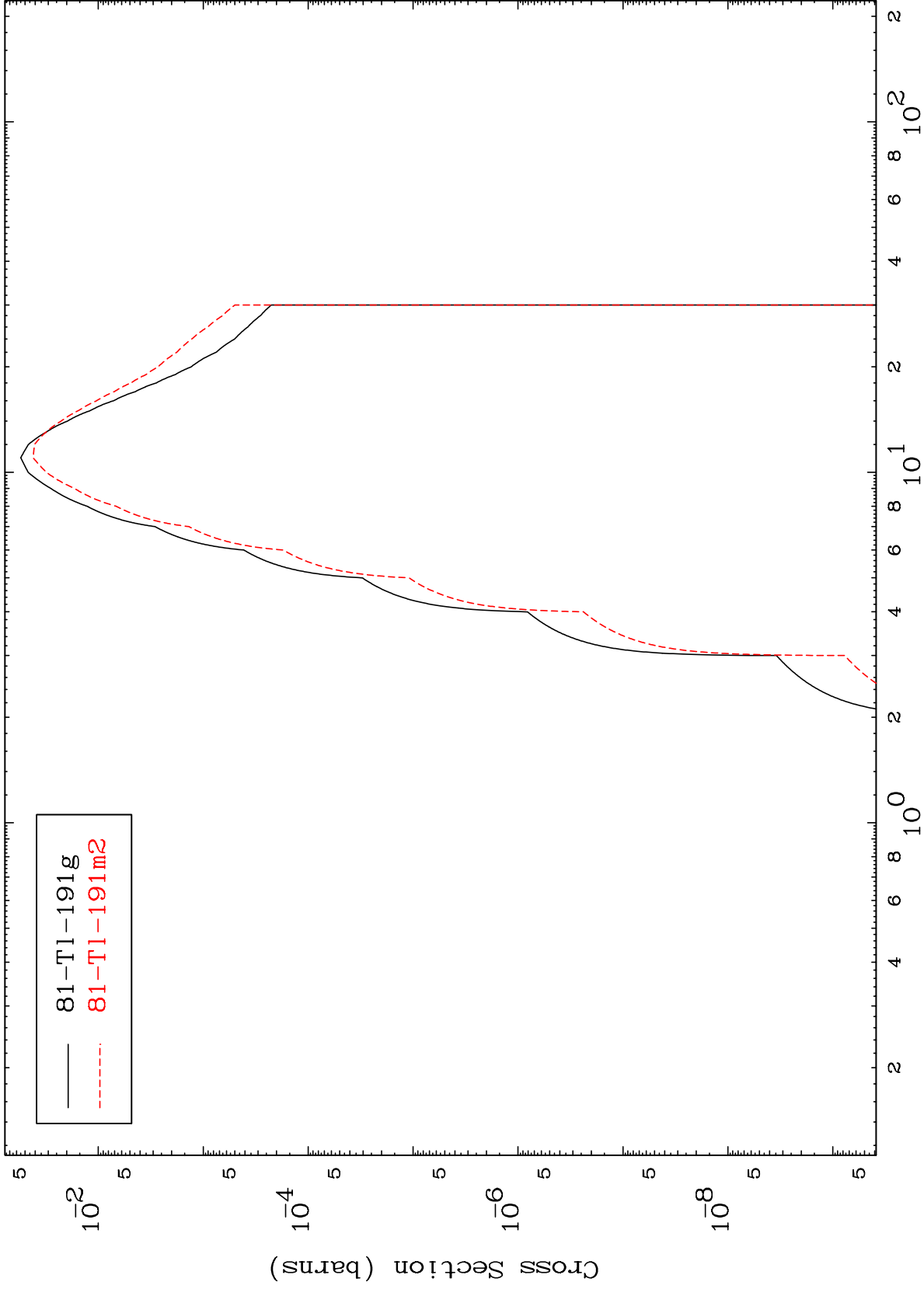
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(p, γ)
Radionuclide Production Cross Section



19

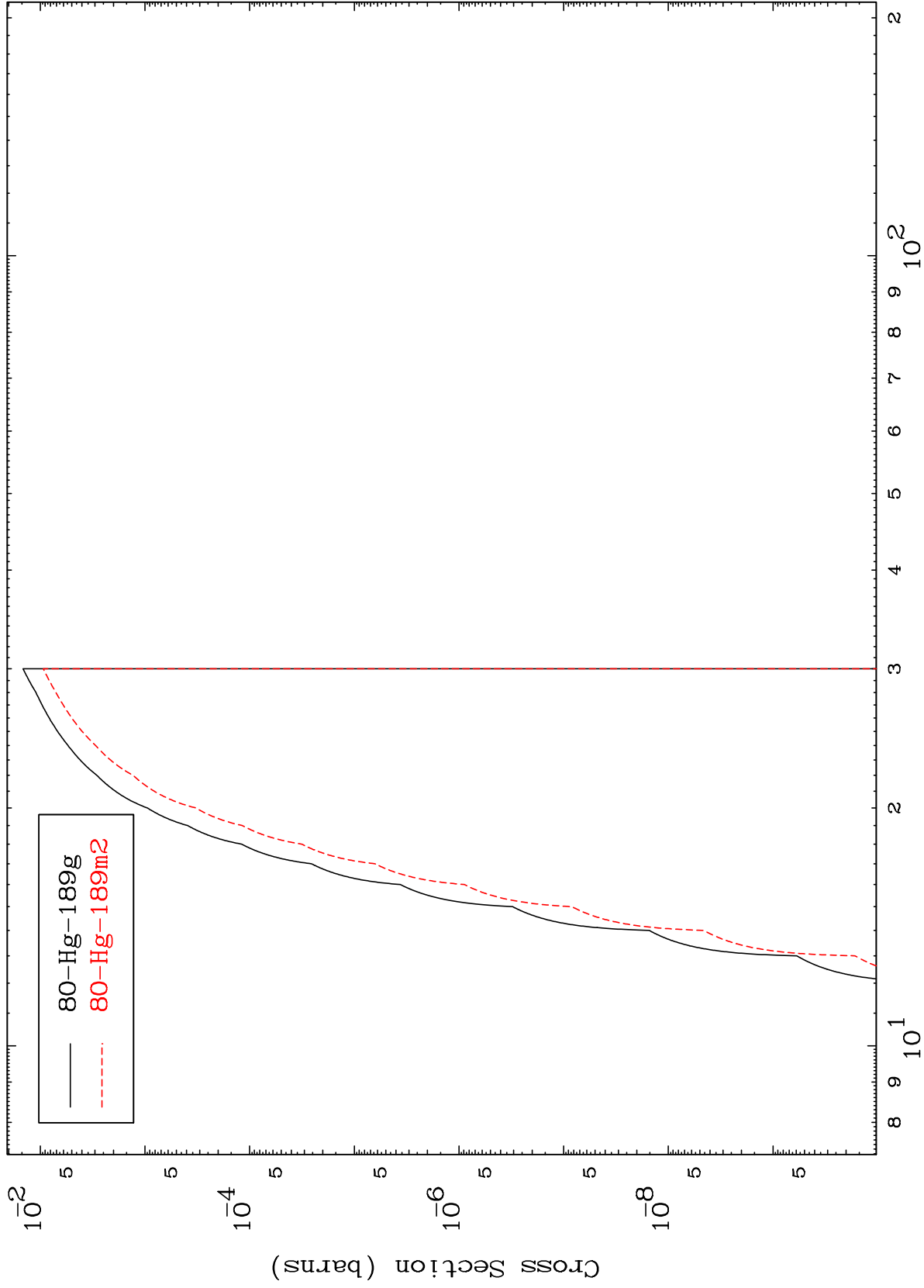
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(p,d)
Radionuclide Production Cross Section



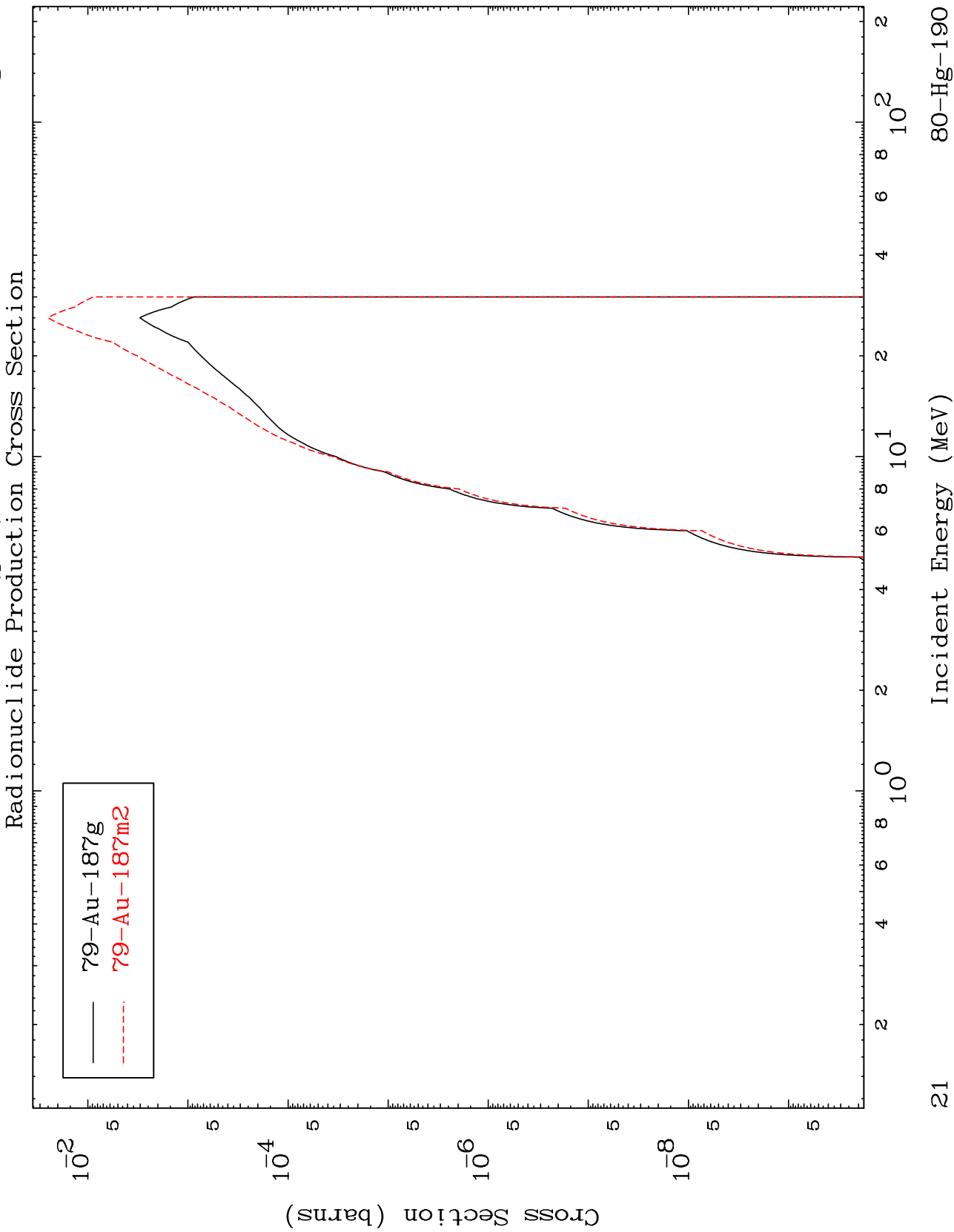
20

Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

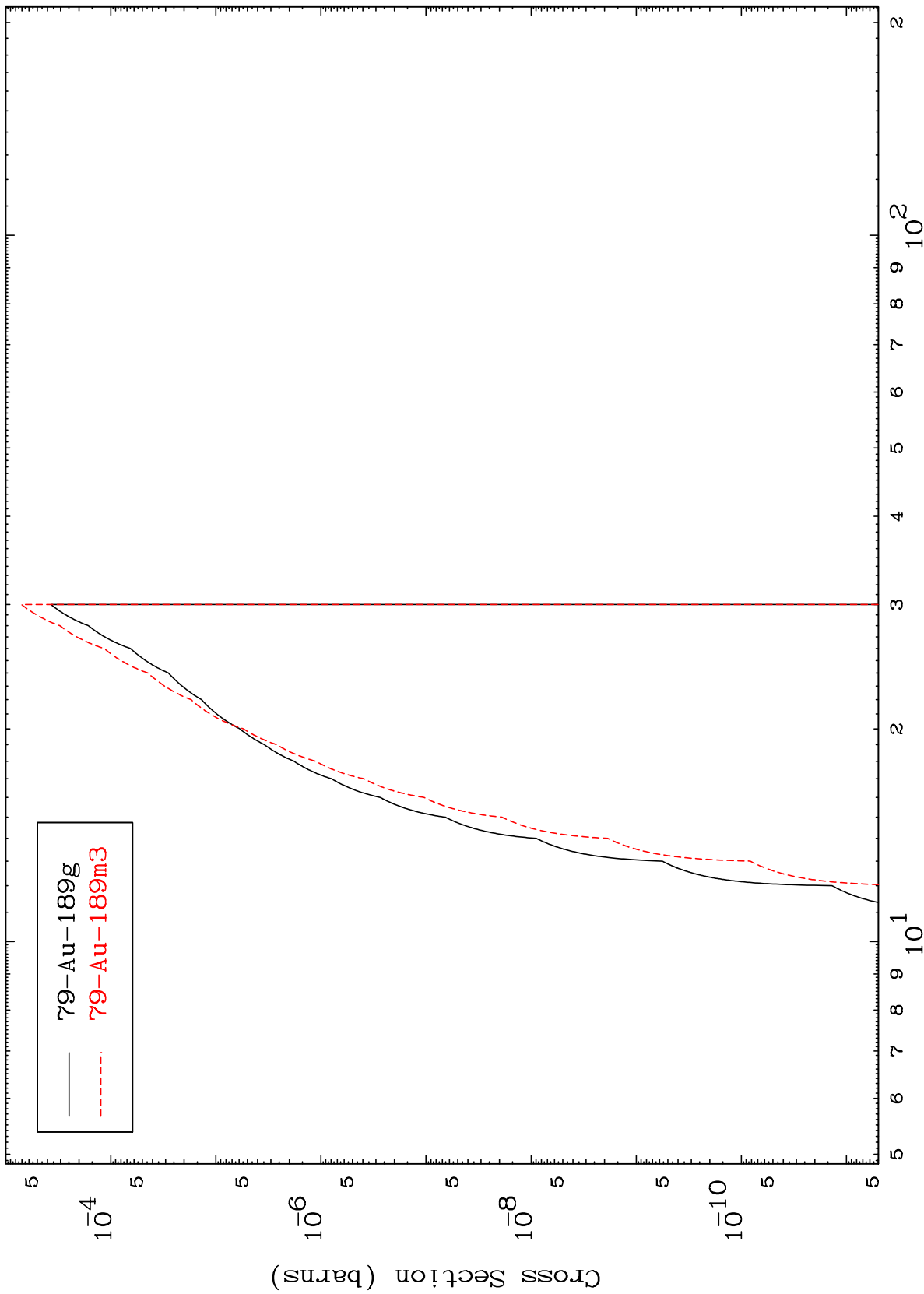


— $^{79}\text{Au-187g}$
- - - $^{79}\text{Au-187m2}$

MAT 8007

80-Hg-190

Radionuclide Production Cross Section



22

Incident Energy (MeV)

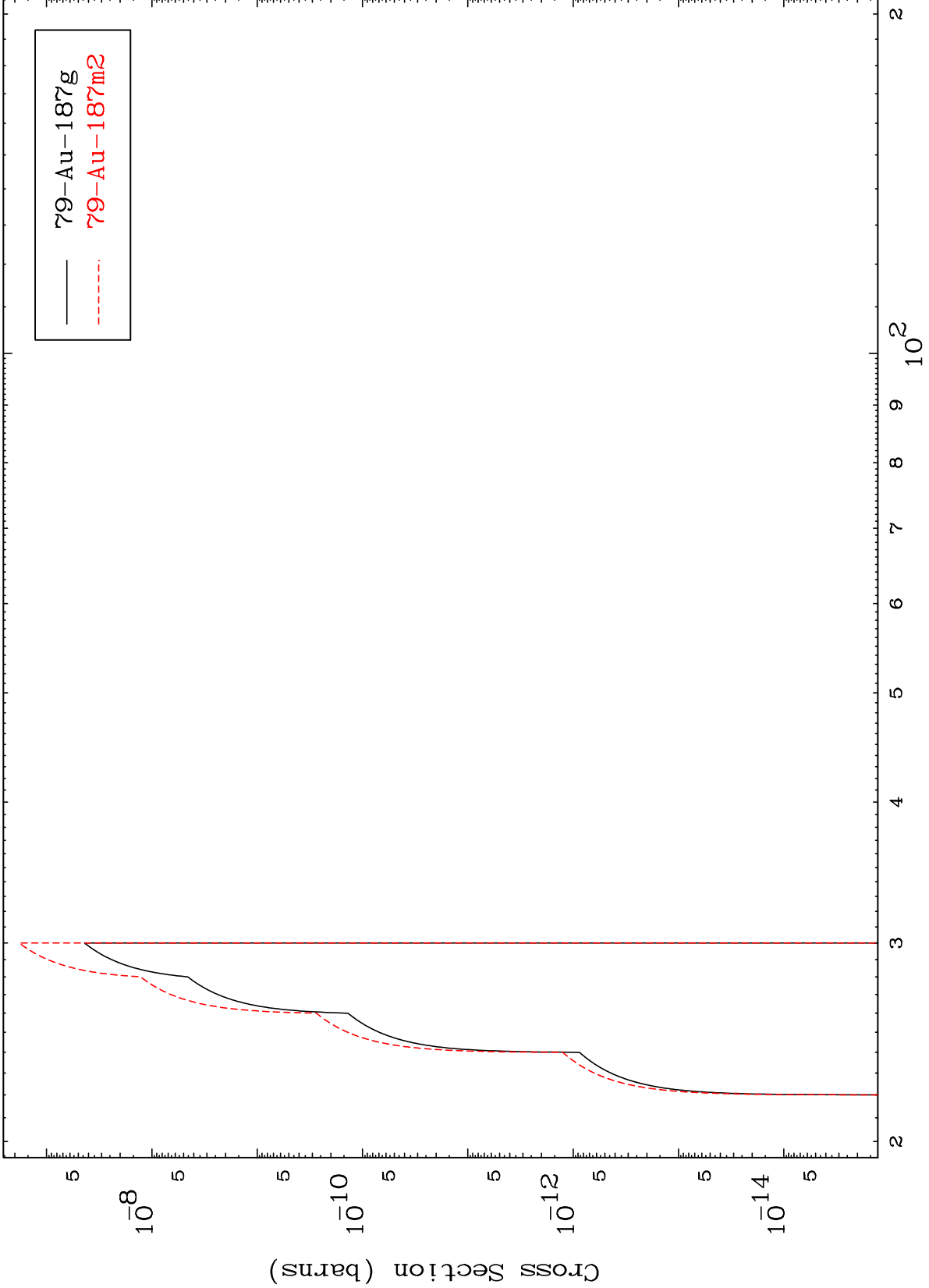
80-Hg-190

MAT 8007

(p,p) t

80-Hg-190

Radionuclide Production Cross Section



23

Incident Energy (MeV)

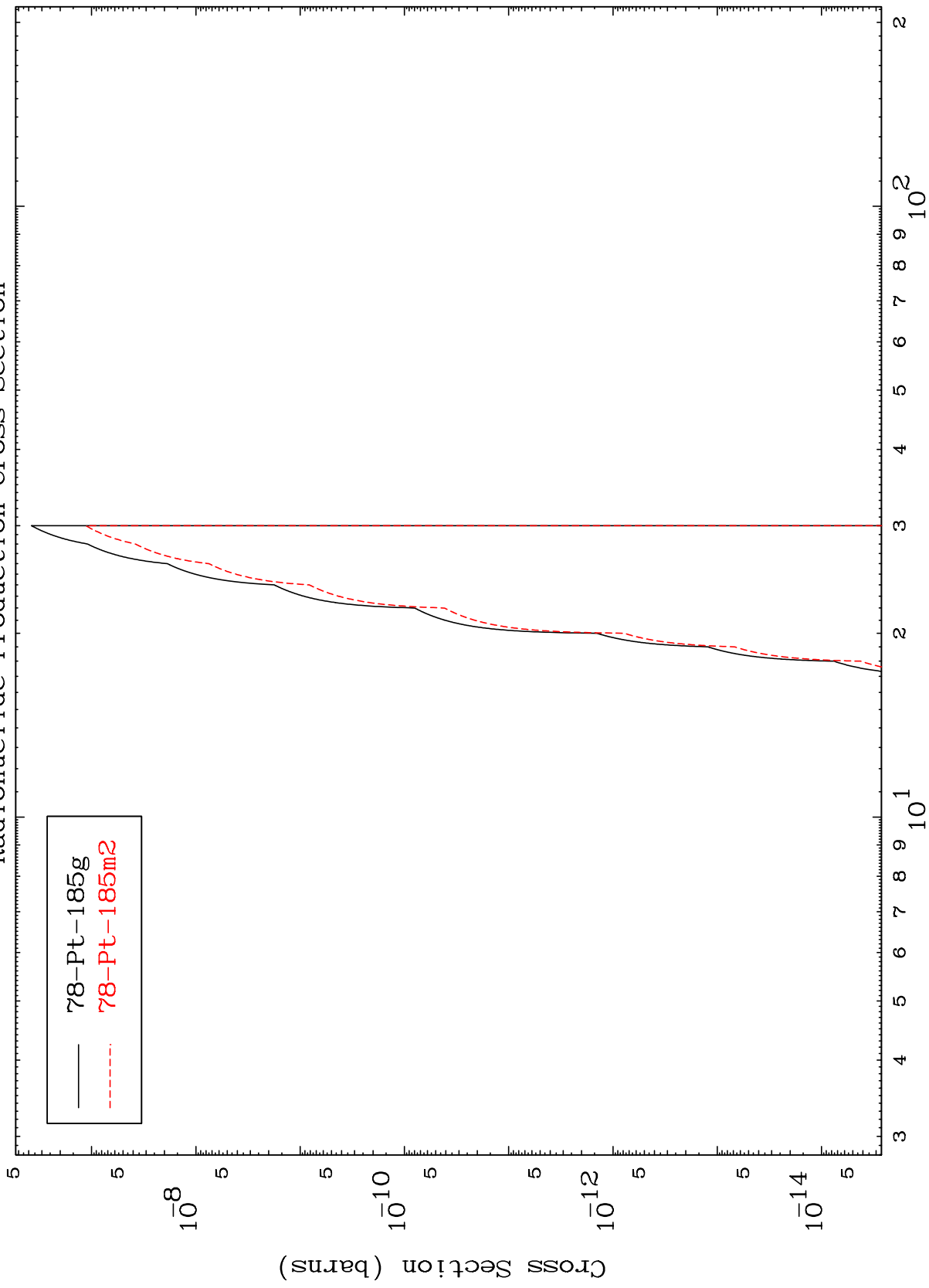
80-Hg-190

MAT 8007

80-Hg-190

(p,d) α

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

80-Hg-190

Incident Energy (MeV)

24