

Program EVALPLOT  
(Version 2017-1)

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

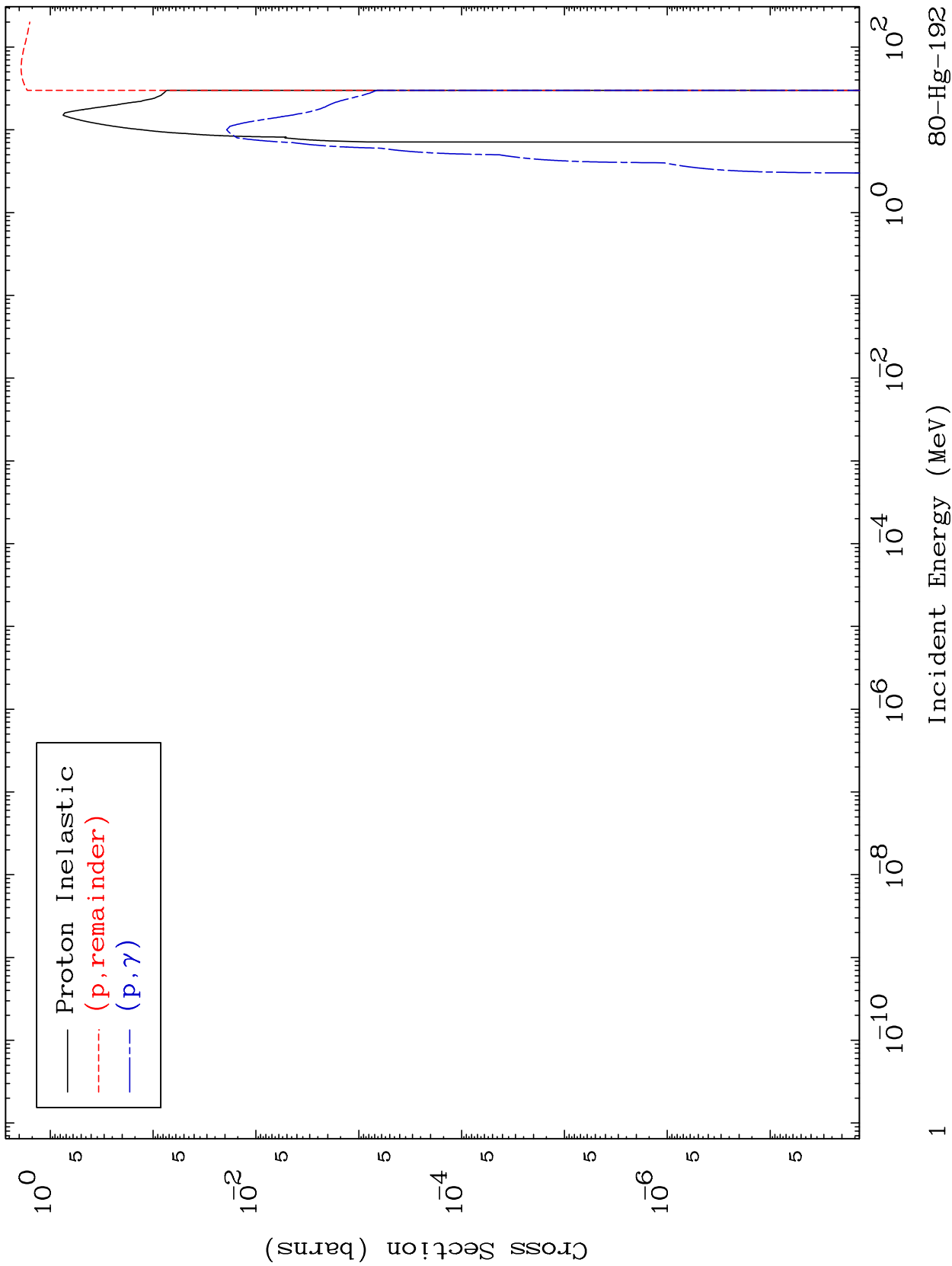
Web:redcullen1.net/HOMEPAGE.NEW

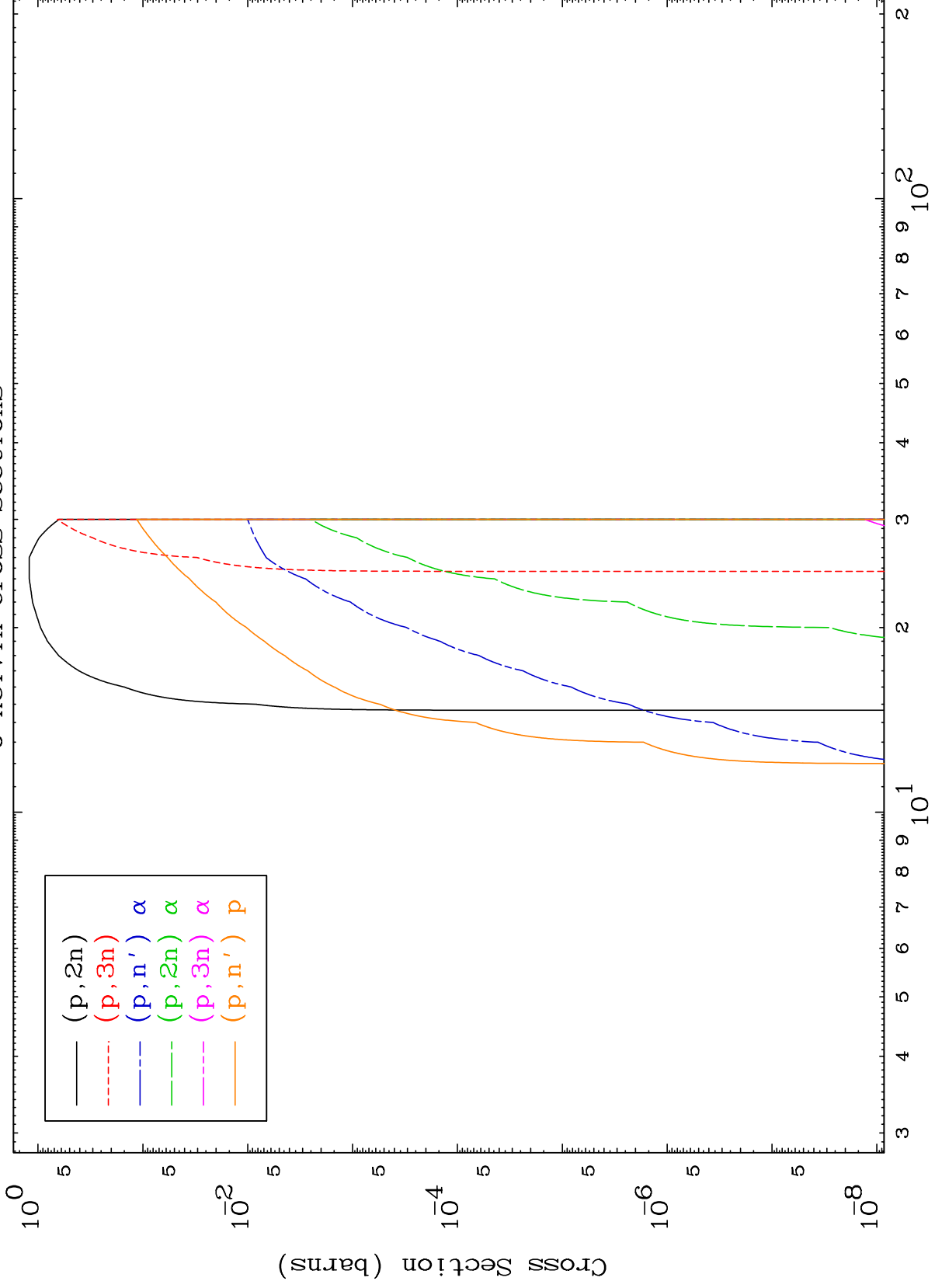
Press Mouse Button to Start

MAT 8013

Proton Major  
0 Kelvin Cross Sections

80-Hg-192

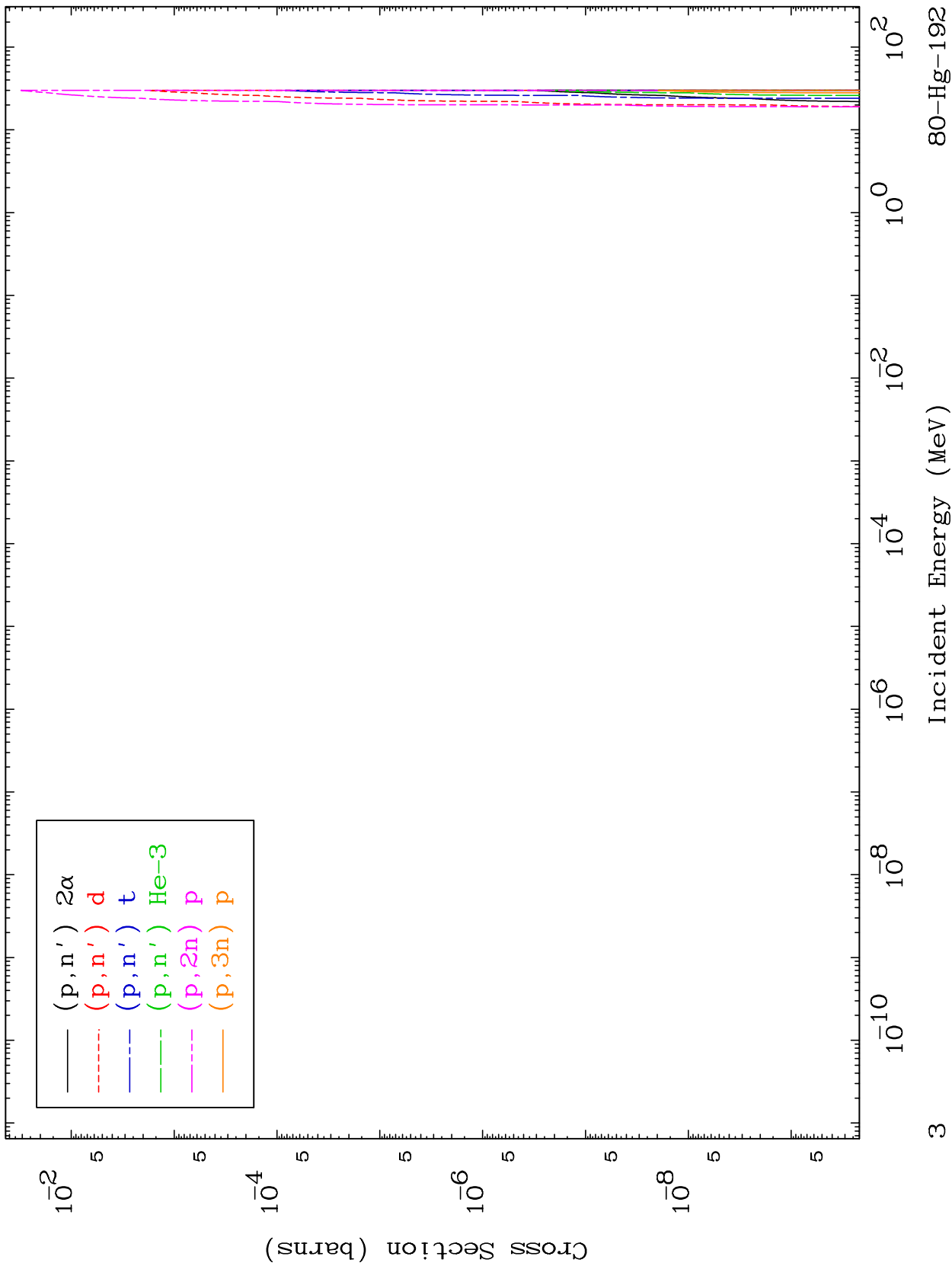




MAT 8013

Proton Neutron Production  
0 Kelvin Cross Sections

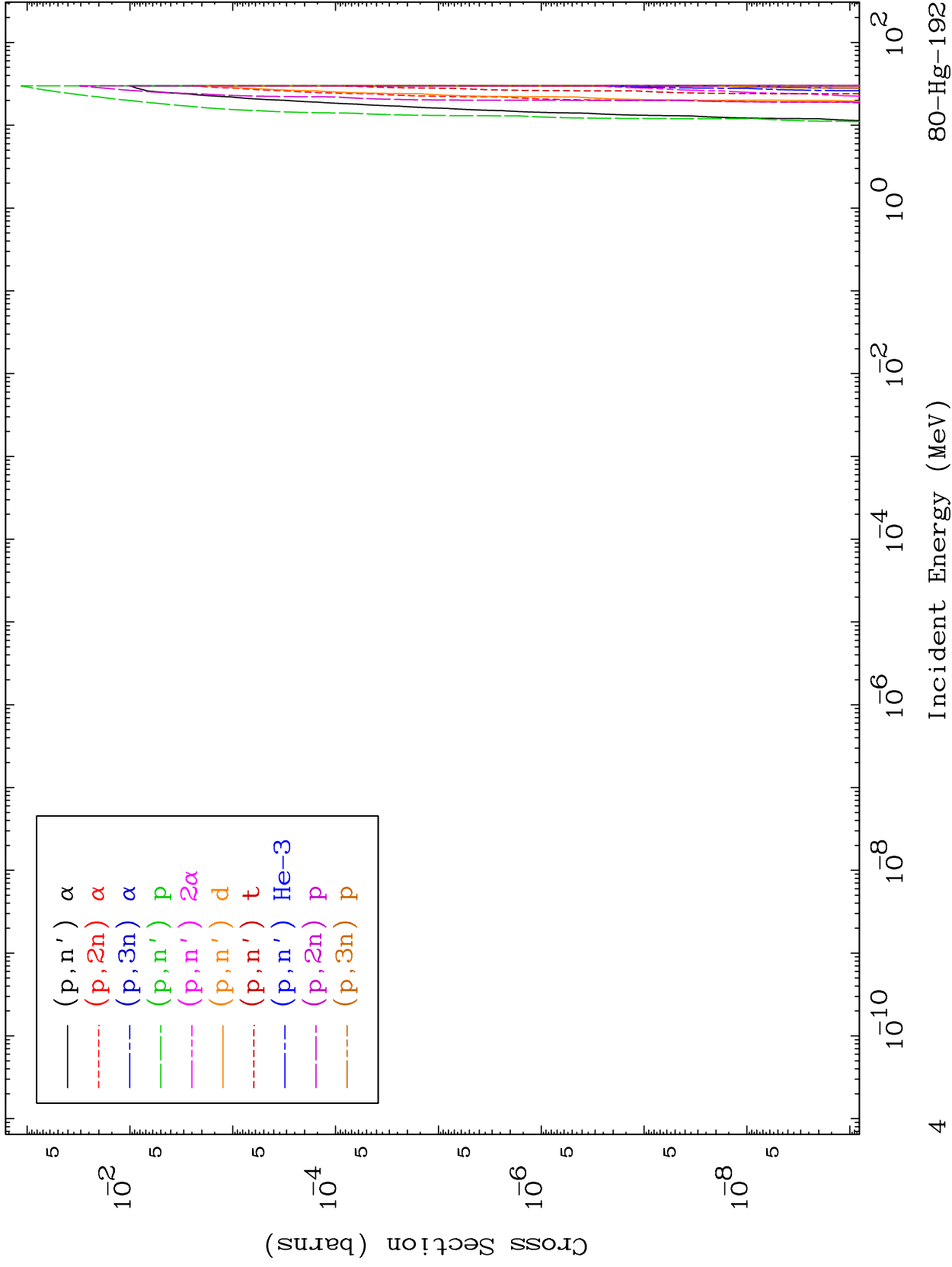
80-Hg-192



MAT 8013

Proton Charged Particle  
0 Kelvin Cross Sections

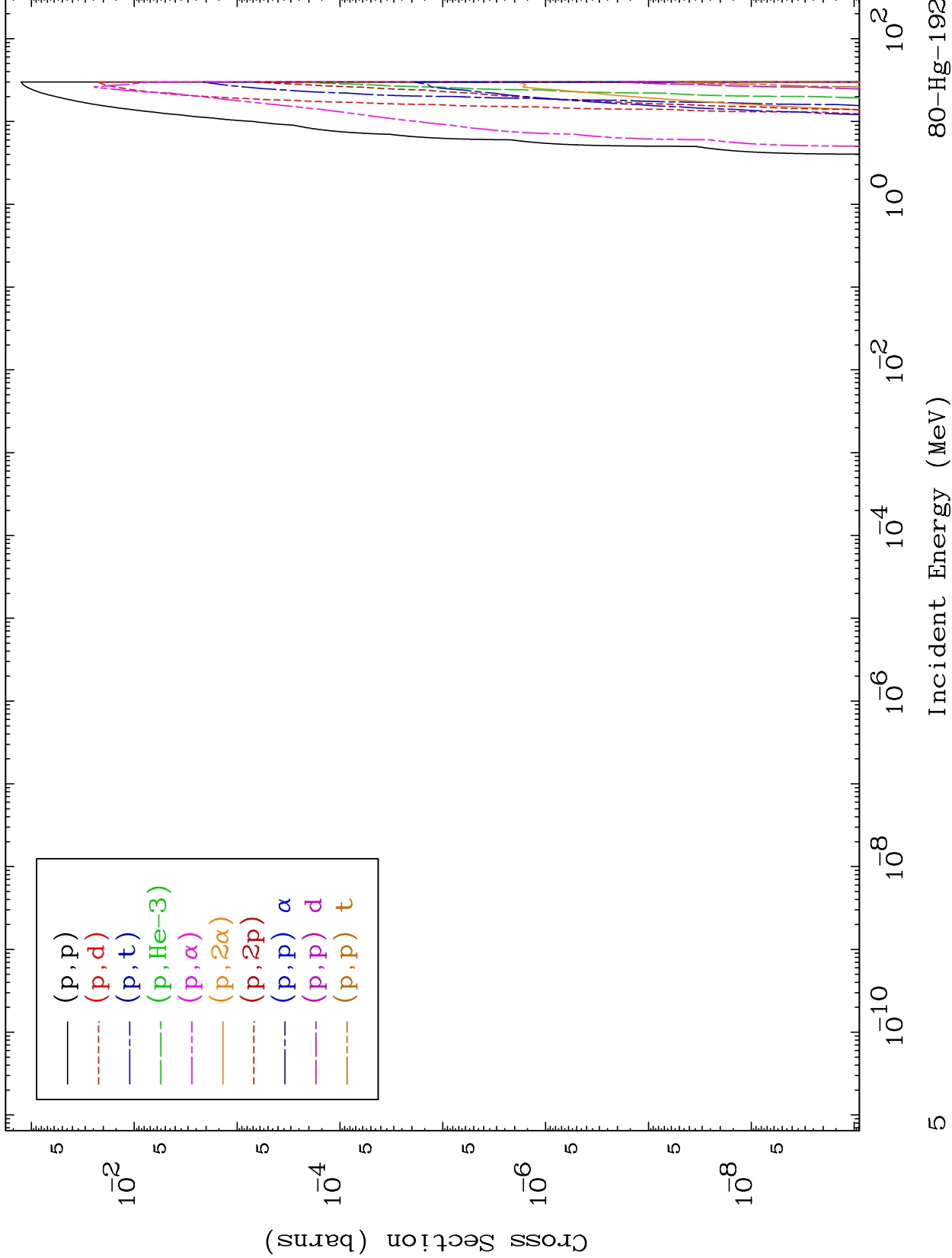
80-Hg-192



MAT 8013

Proton Charged Particle  
0 Kelvin Cross Sections

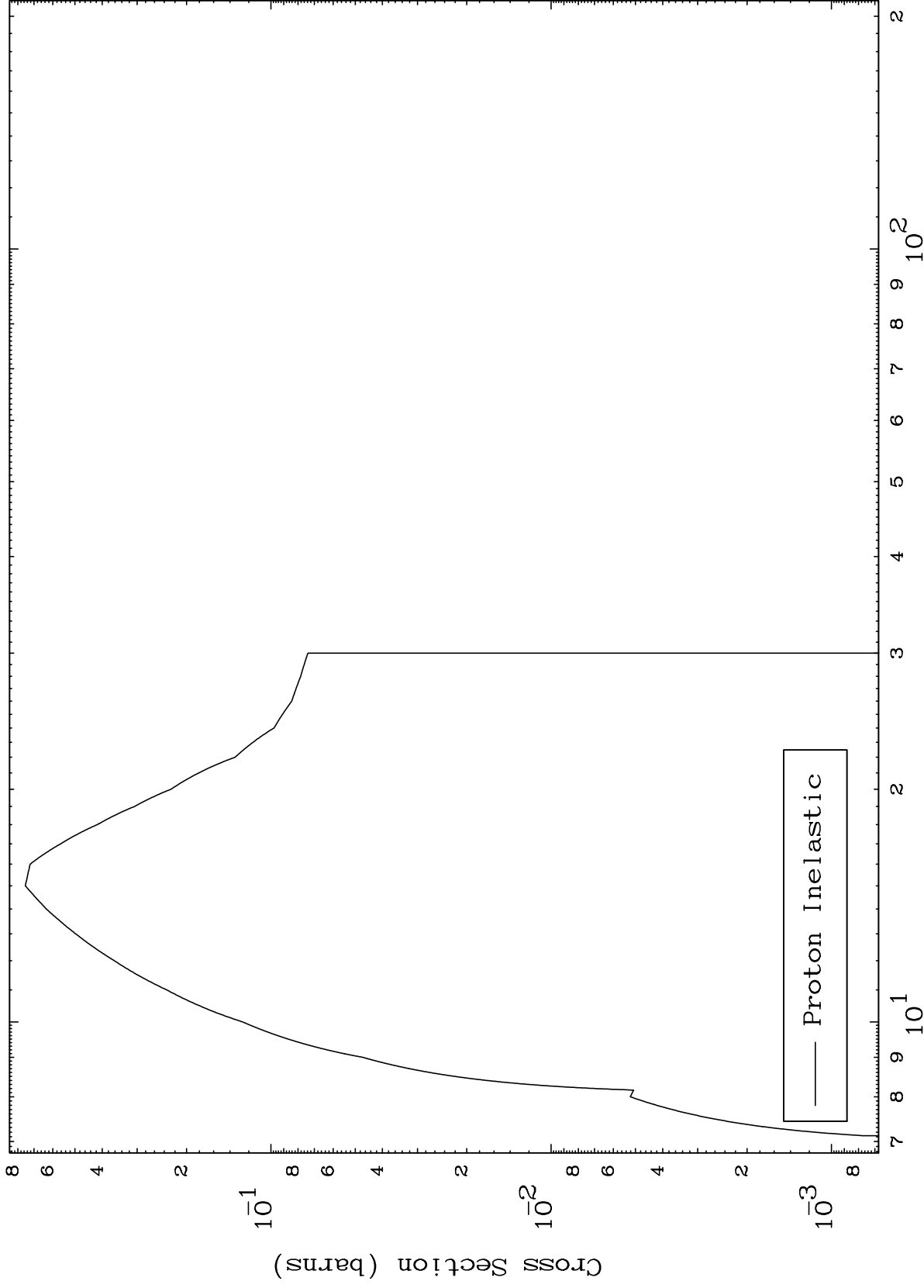
80-Hg-192



MAT 8013

(p,n') Level  
0 Kelvin Cross Sections

80-Hg-192



Incident Energy (MeV)

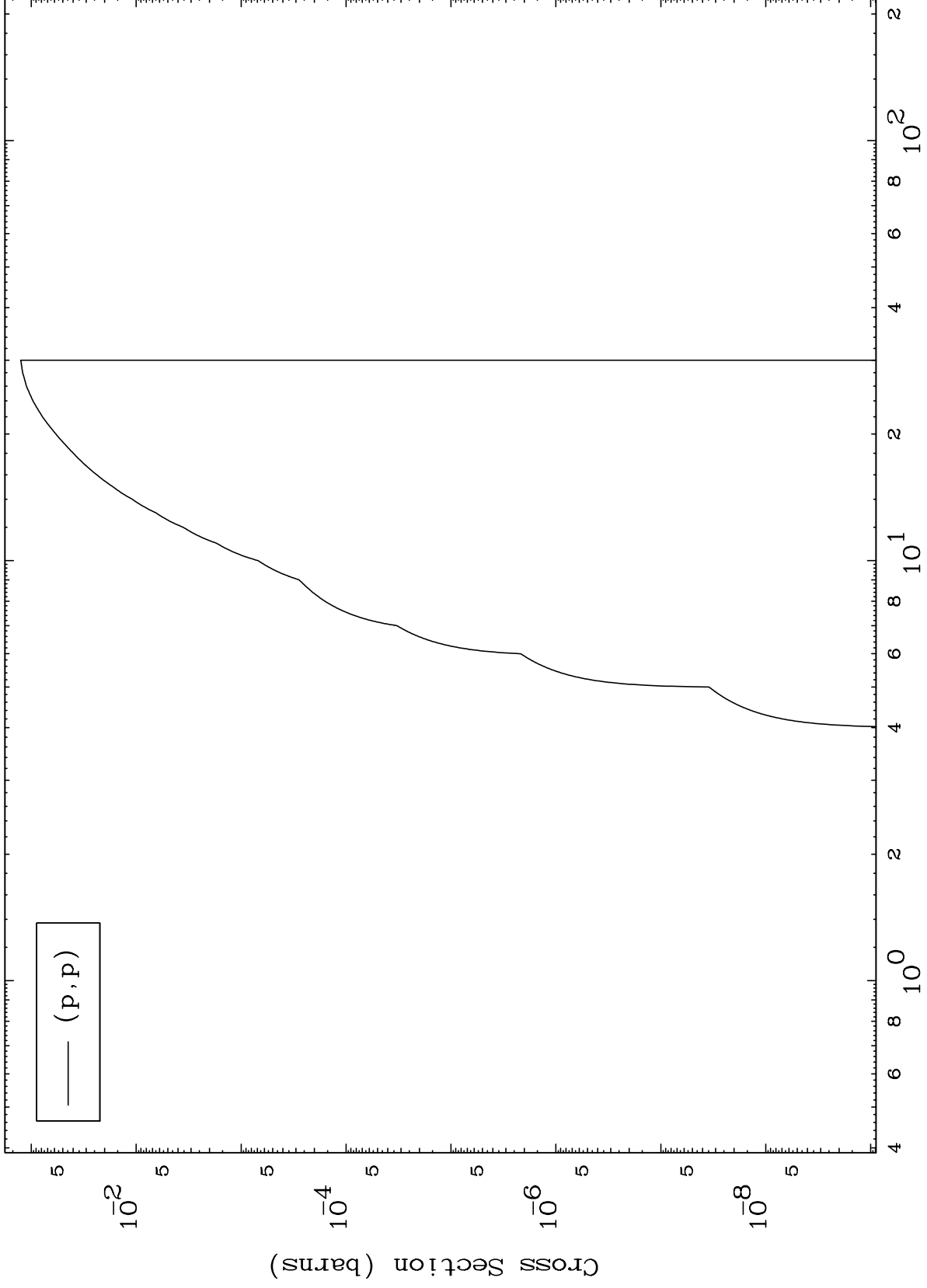
80-Hg-192

6

MAT 8013

(p,p) Levels  
0 Kelvin Cross Sections

80-Hg-192



7

Incident Energy (MeV)

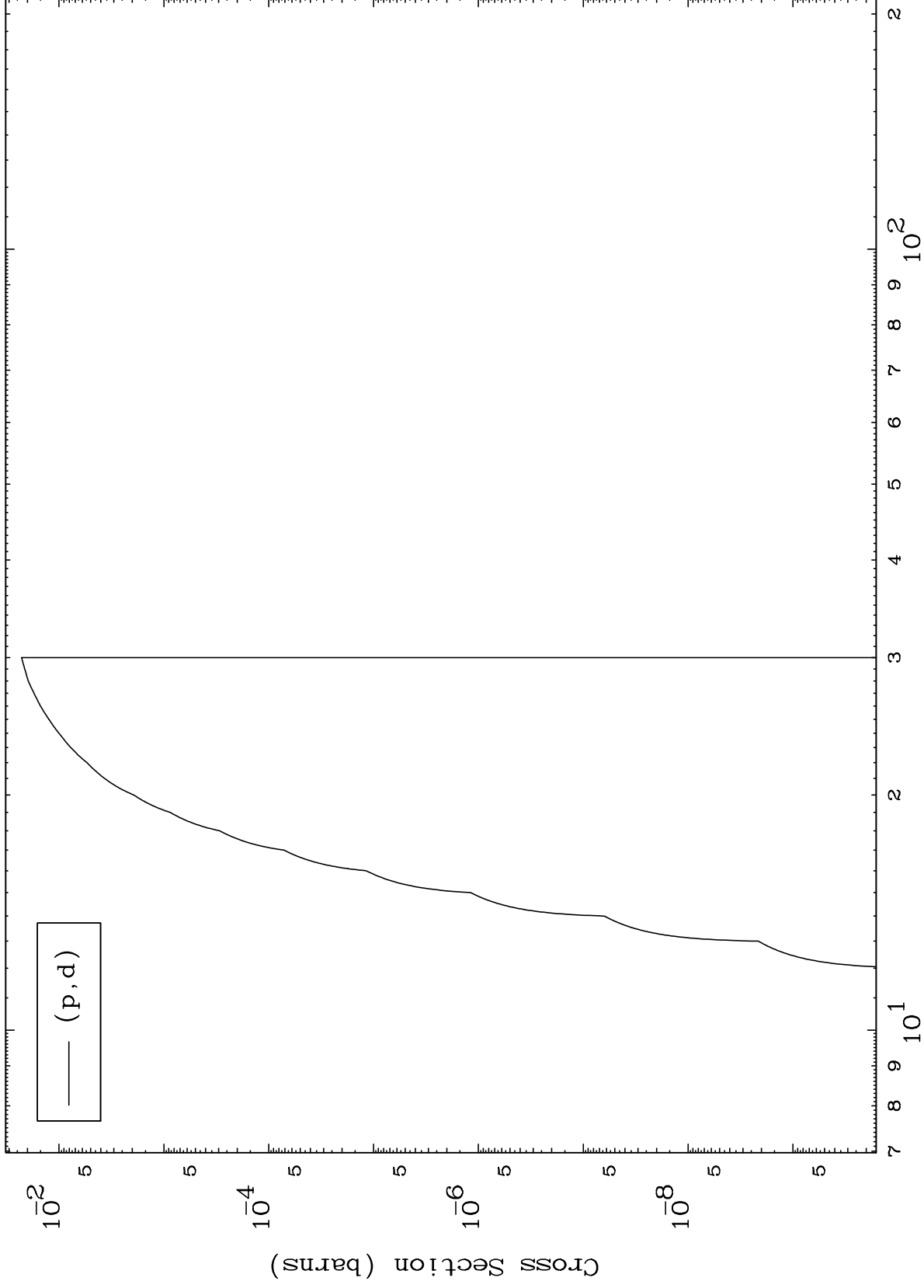
80-Hg-192



MAT 8013

(p,d) Levels  
0 Kelvin Cross Sections

80-Hg-192



8

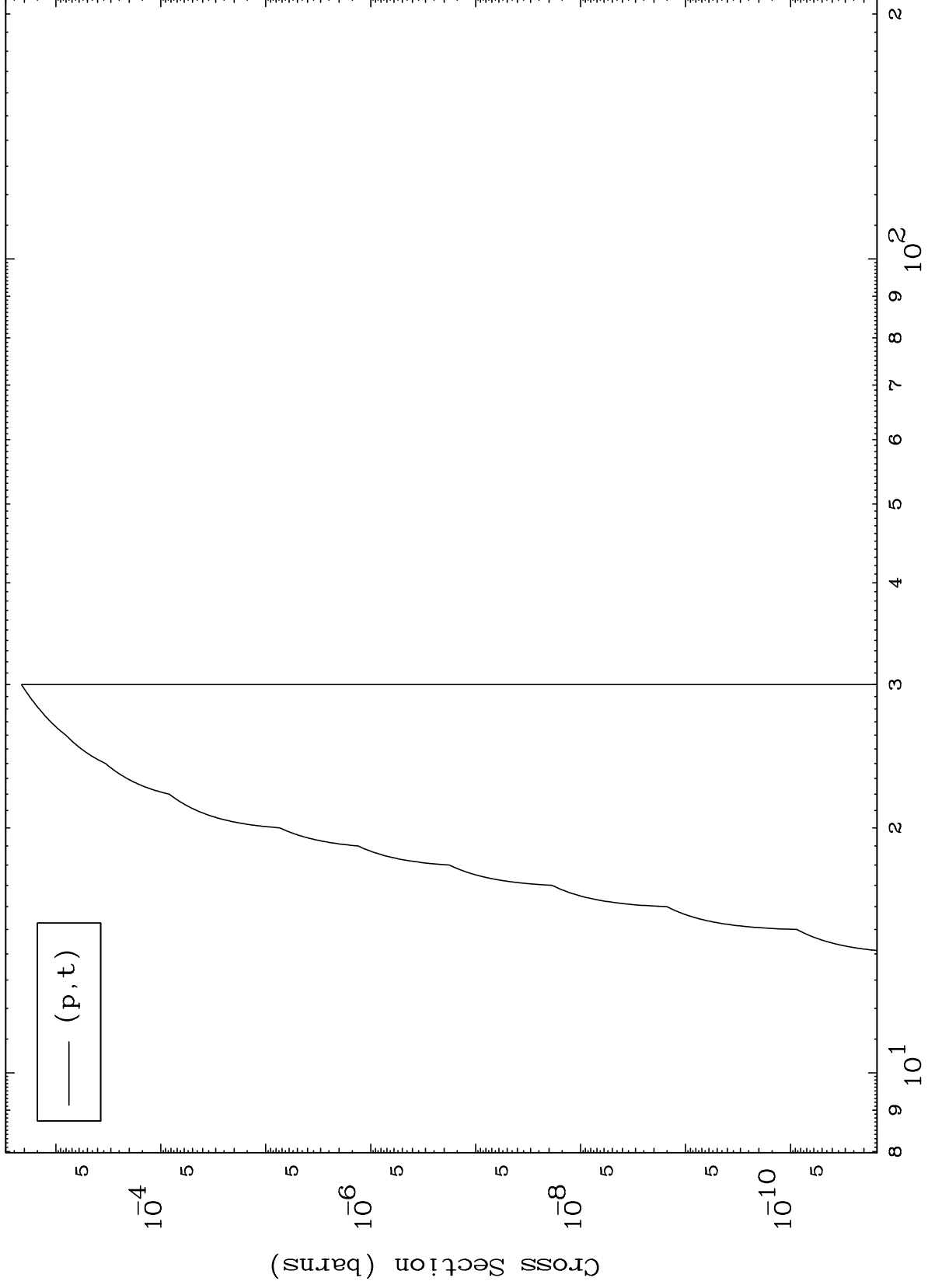
Incident Energy (MeV)

80-Hg-192

MAT 8013

(p,t) Levels  
0 Kelvin Cross Sections

80-Hg-192



9

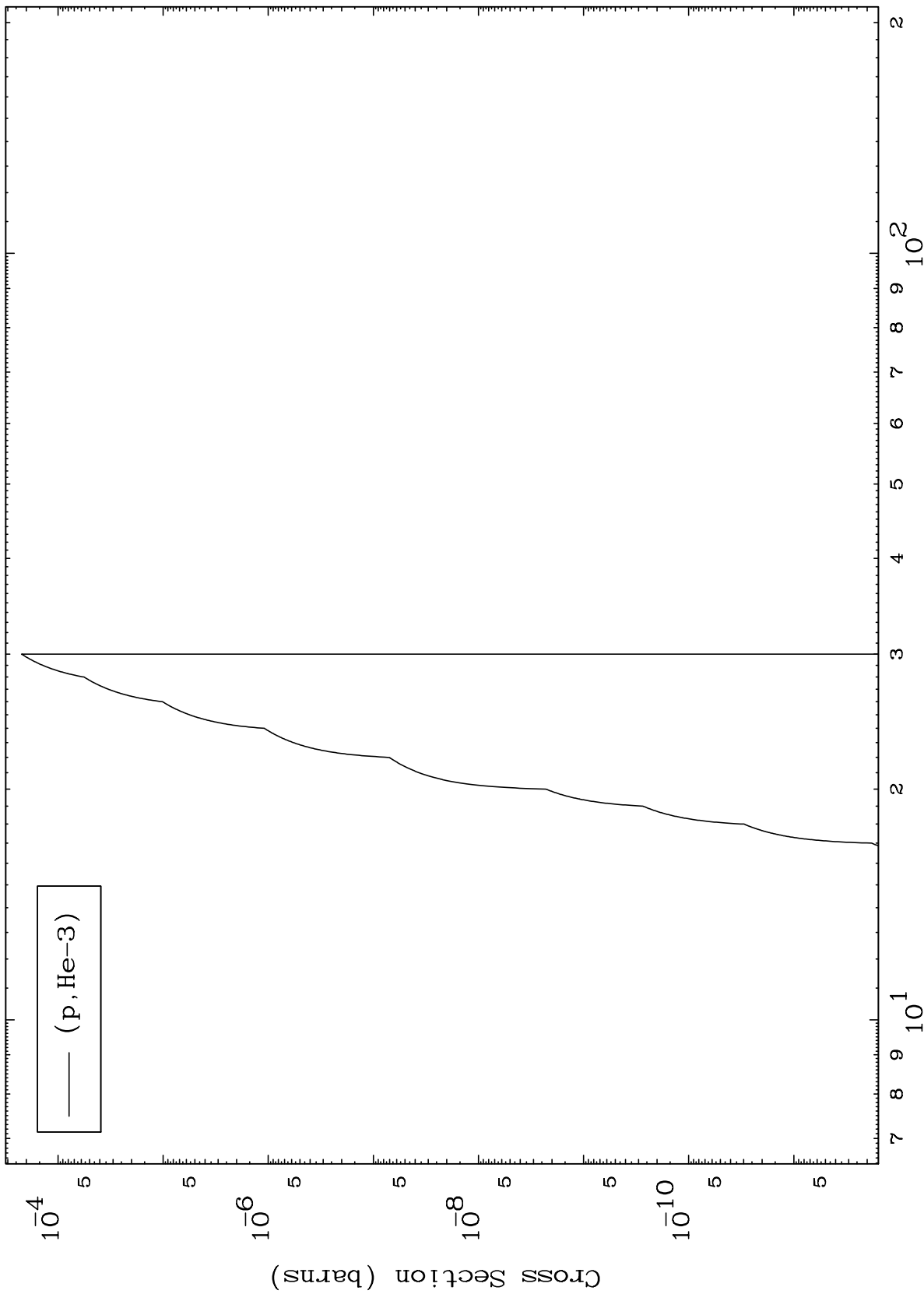
Incident Energy (MeV)

80-Hg-192

MAT 8013

(p,He3) Levels  
0 Kelvin Cross Sections

80-Hg-192



10

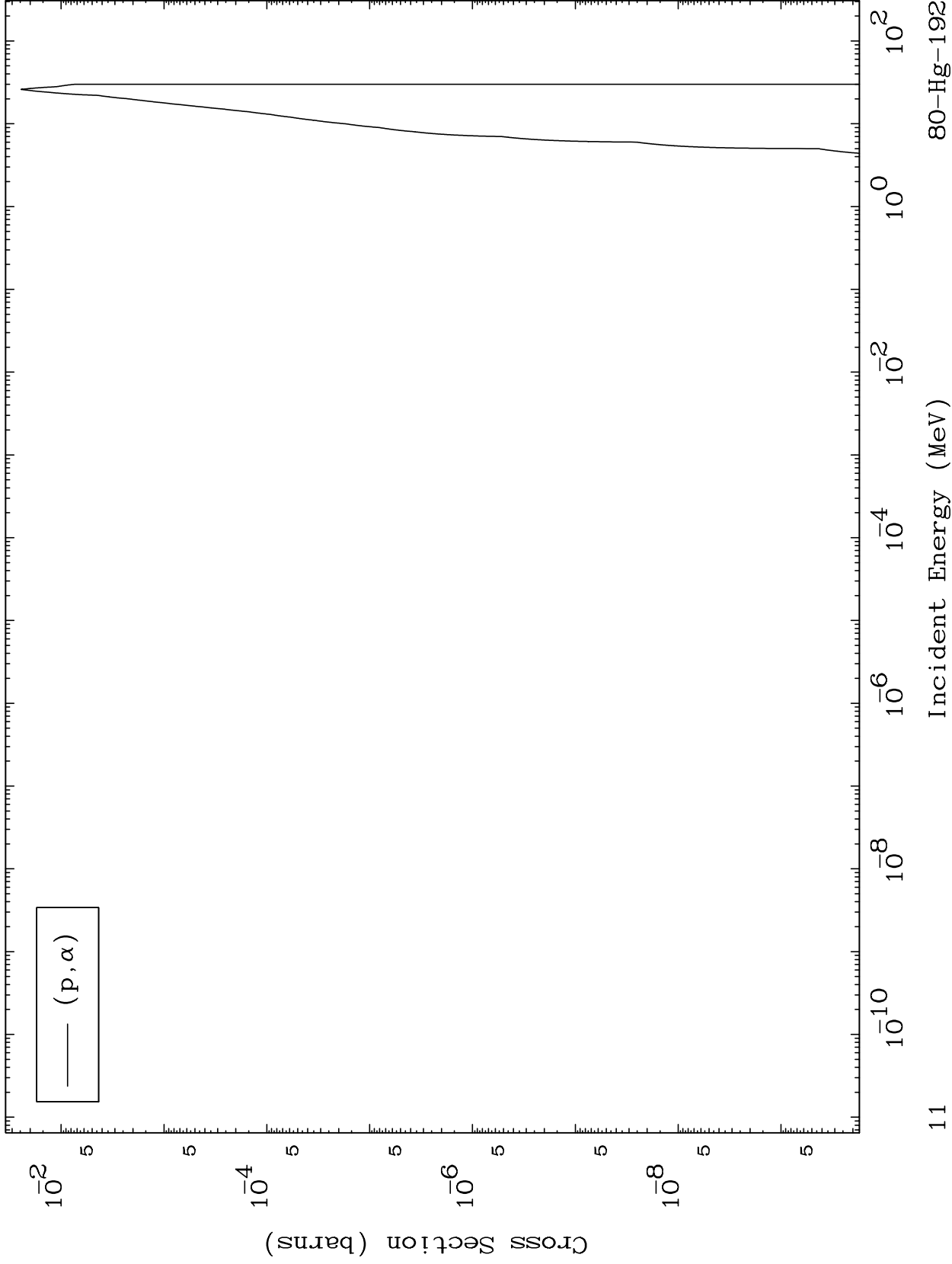
Incident Energy (MeV)

80-Hg-192

MAT 8013

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

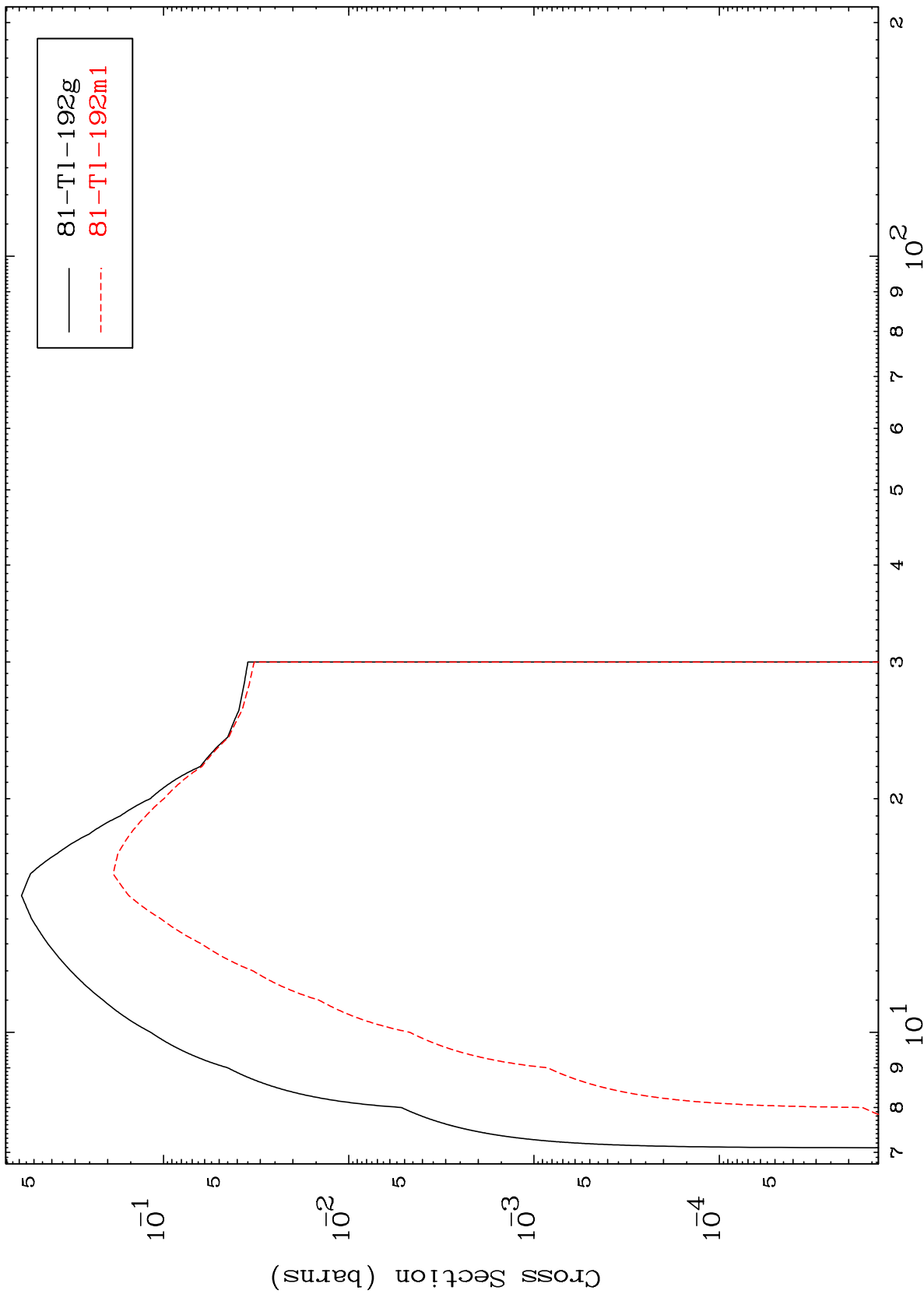
80-Hg-192



MAT 8013

Proton Inelastic  
Radionuclide Production Cross Section

80-Hg-192



12

Incident Energy (MeV)

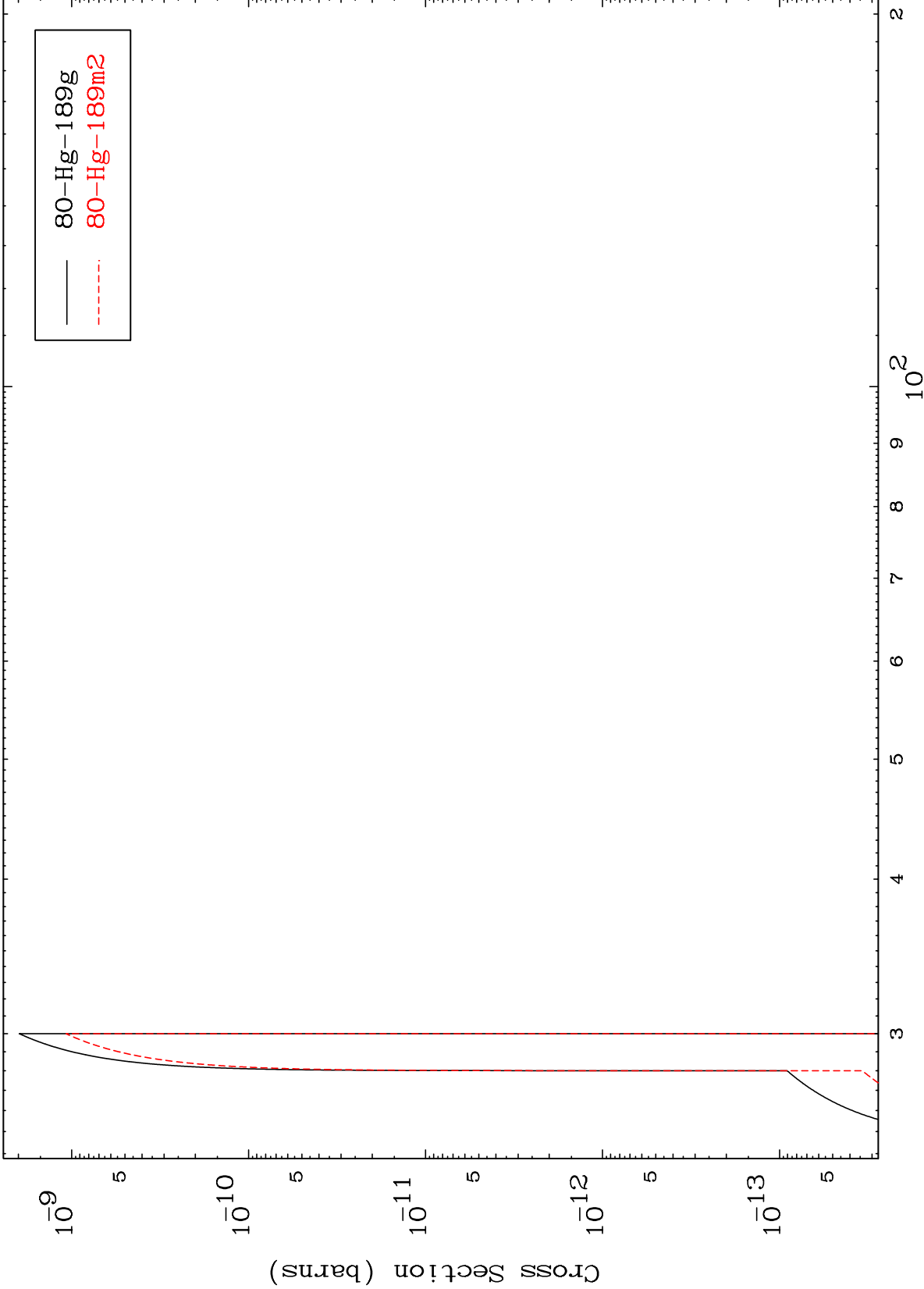
80-Hg-192

MAT 8013

(p,2n) d

80-Hg-192

Radionuclide Production Cross Section



13

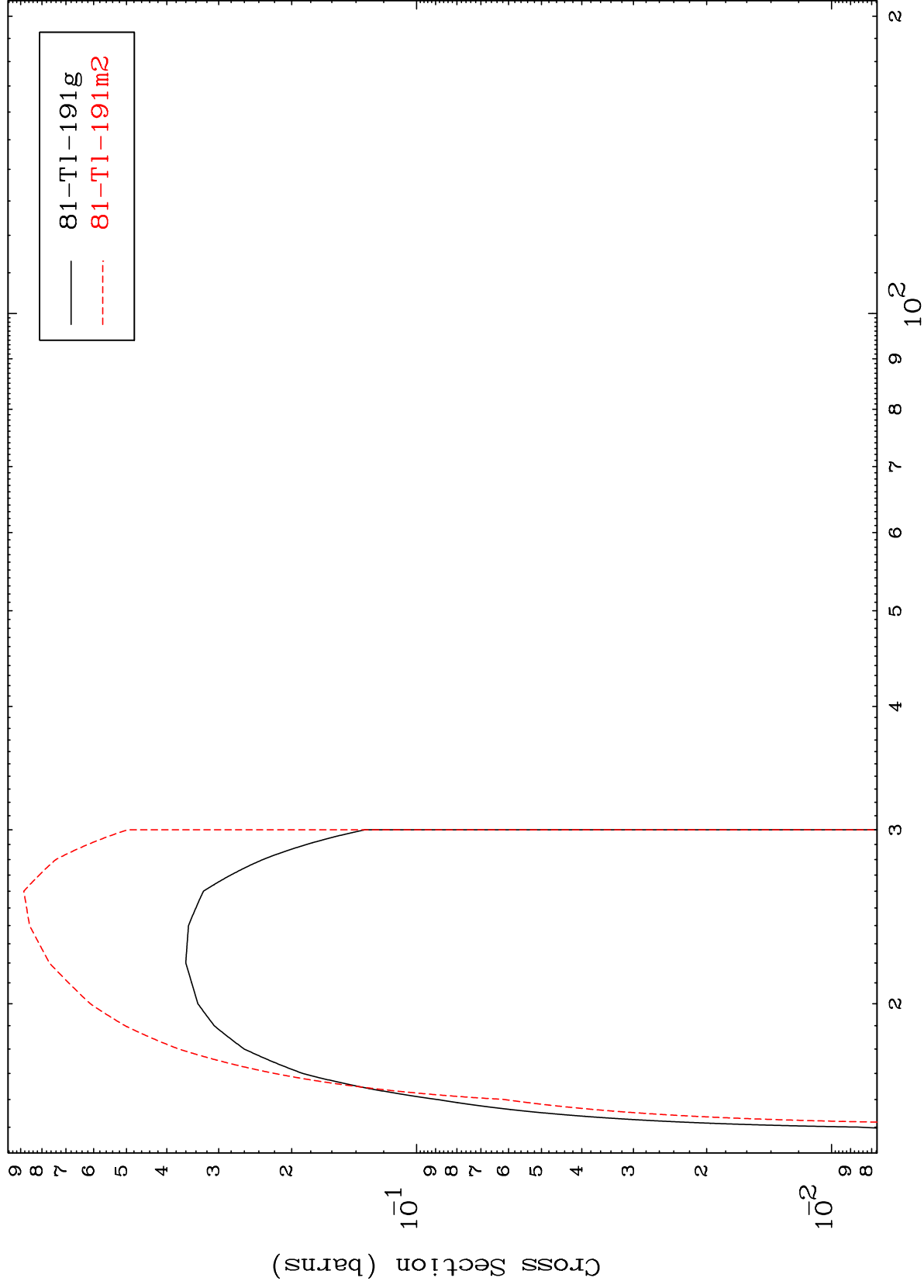
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(p,2n)  
Radionuclide Production Cross Section



80-Hg-192

Incident Energy (MeV)

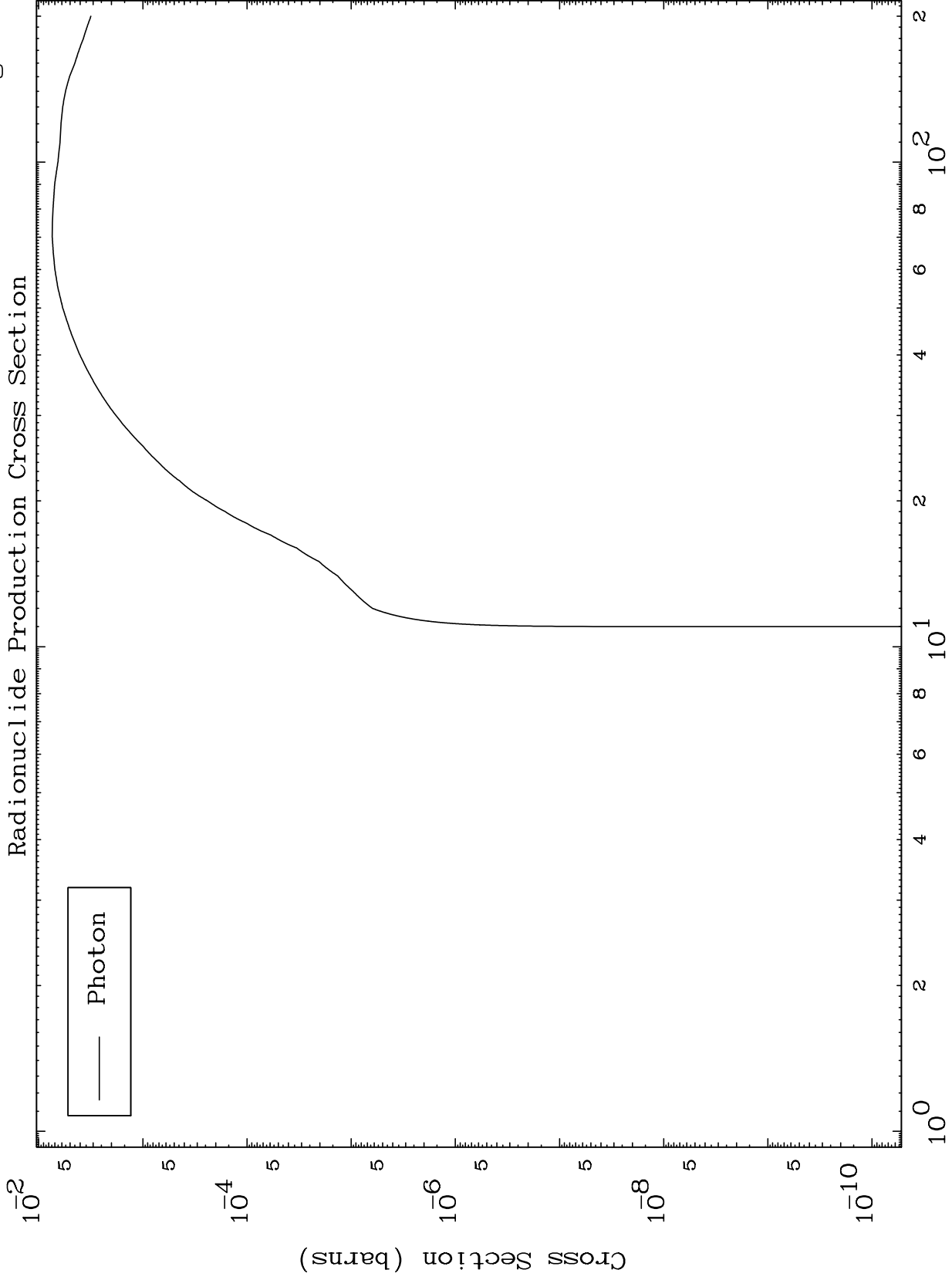
14

MAT 8013

Proton Fission

80-Hg-192

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-192

15

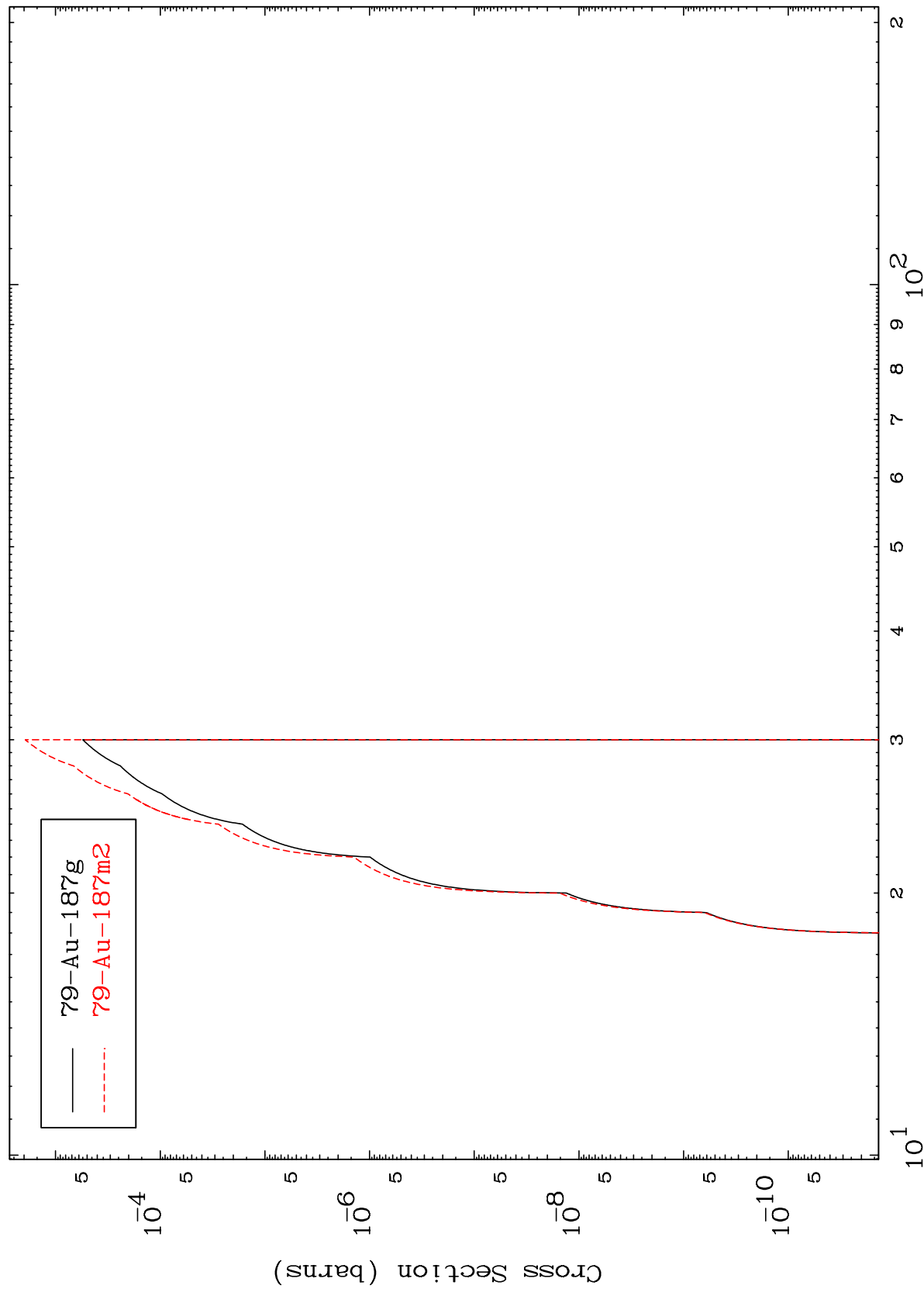


MAT 8013

(p,2n)  $\alpha$

80-Hg-192

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-192

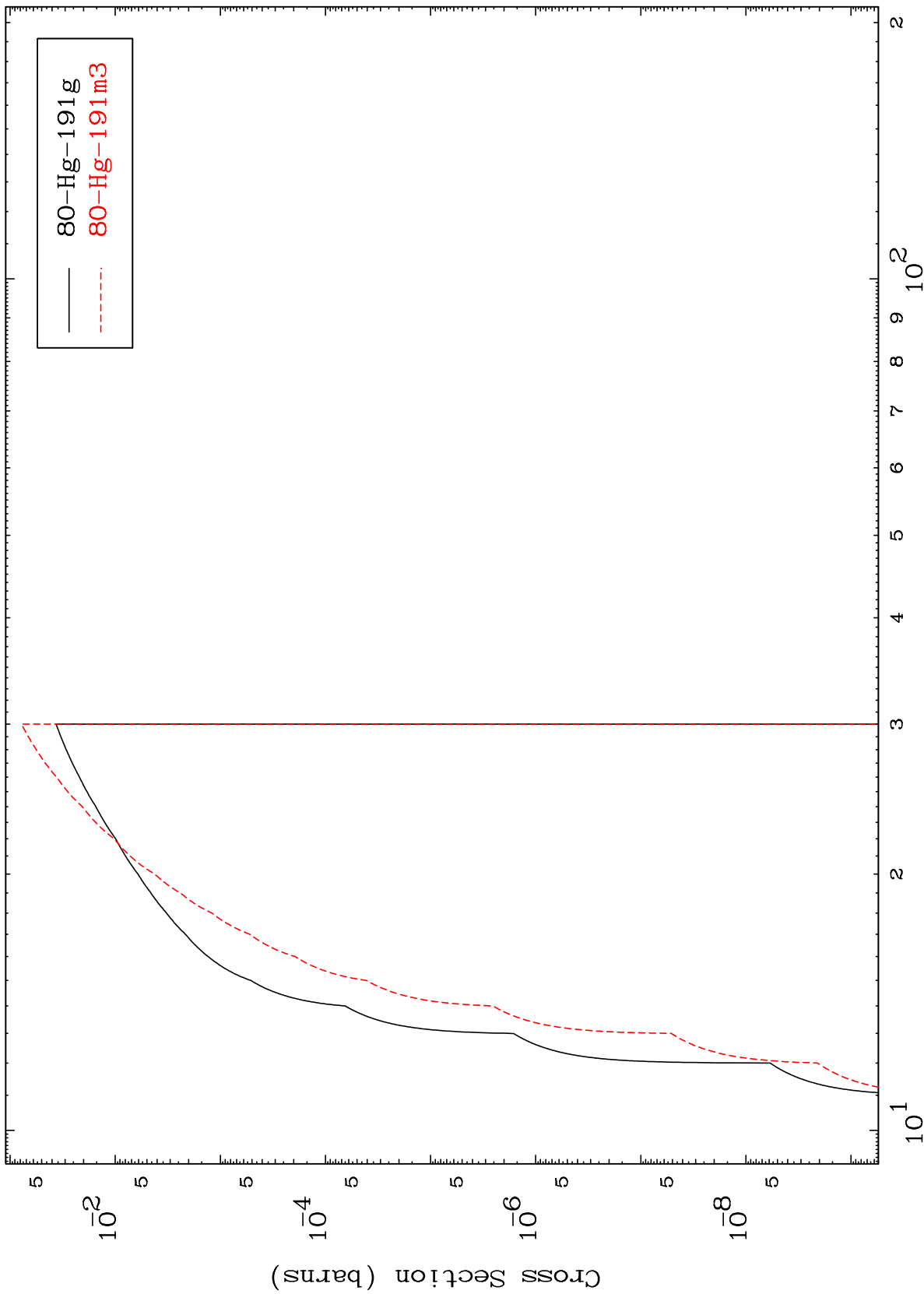
16

MAT 8013

(p,n') p

80-Hg-192

Radionuclide Production Cross Section



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

Incident Energy (MeV)

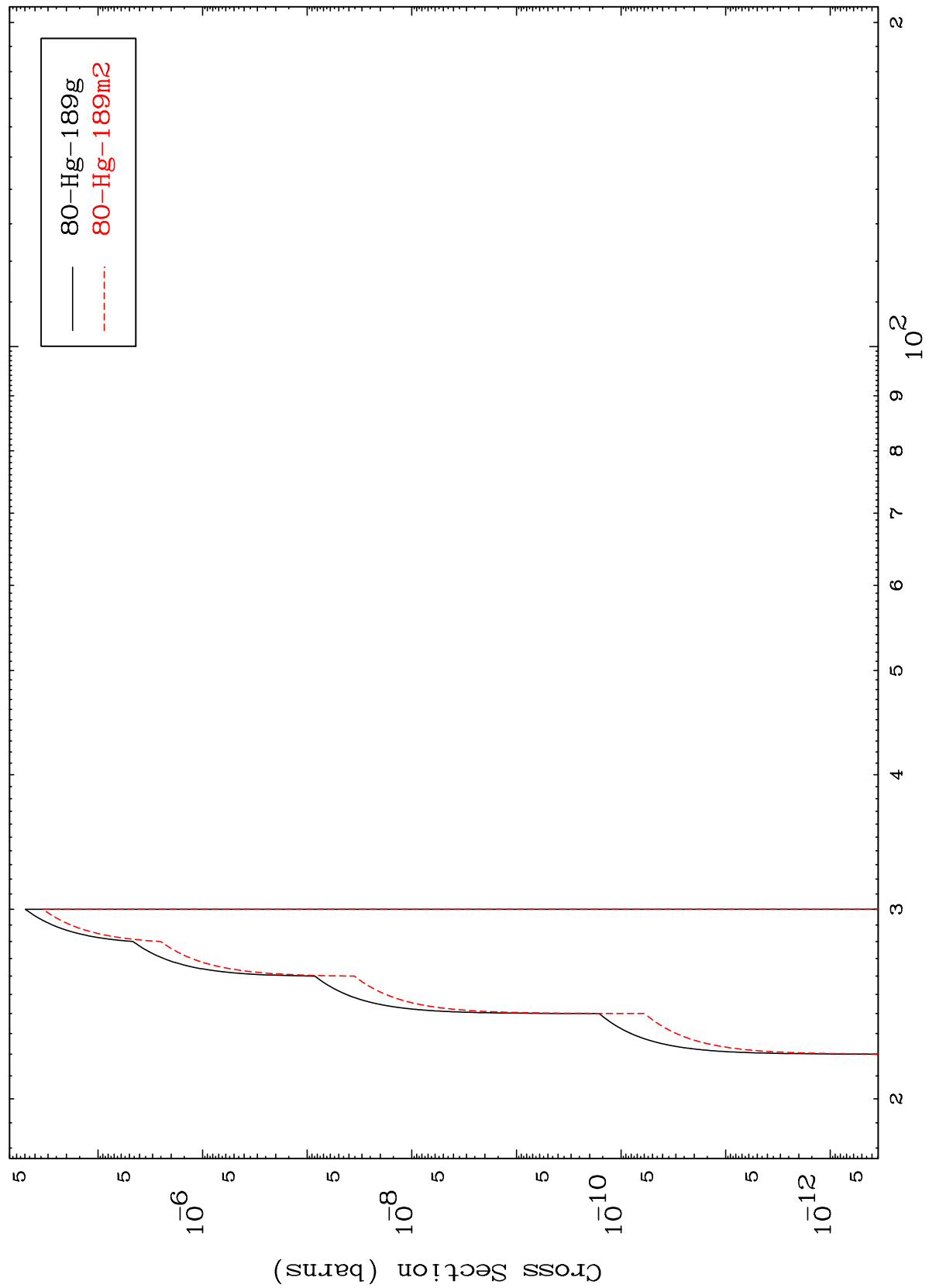
80-Hg-192

MAT 8013

(p,n') t

80-Hg-192

Radionuclide Production Cross Section



18

Incident Energy (MeV)

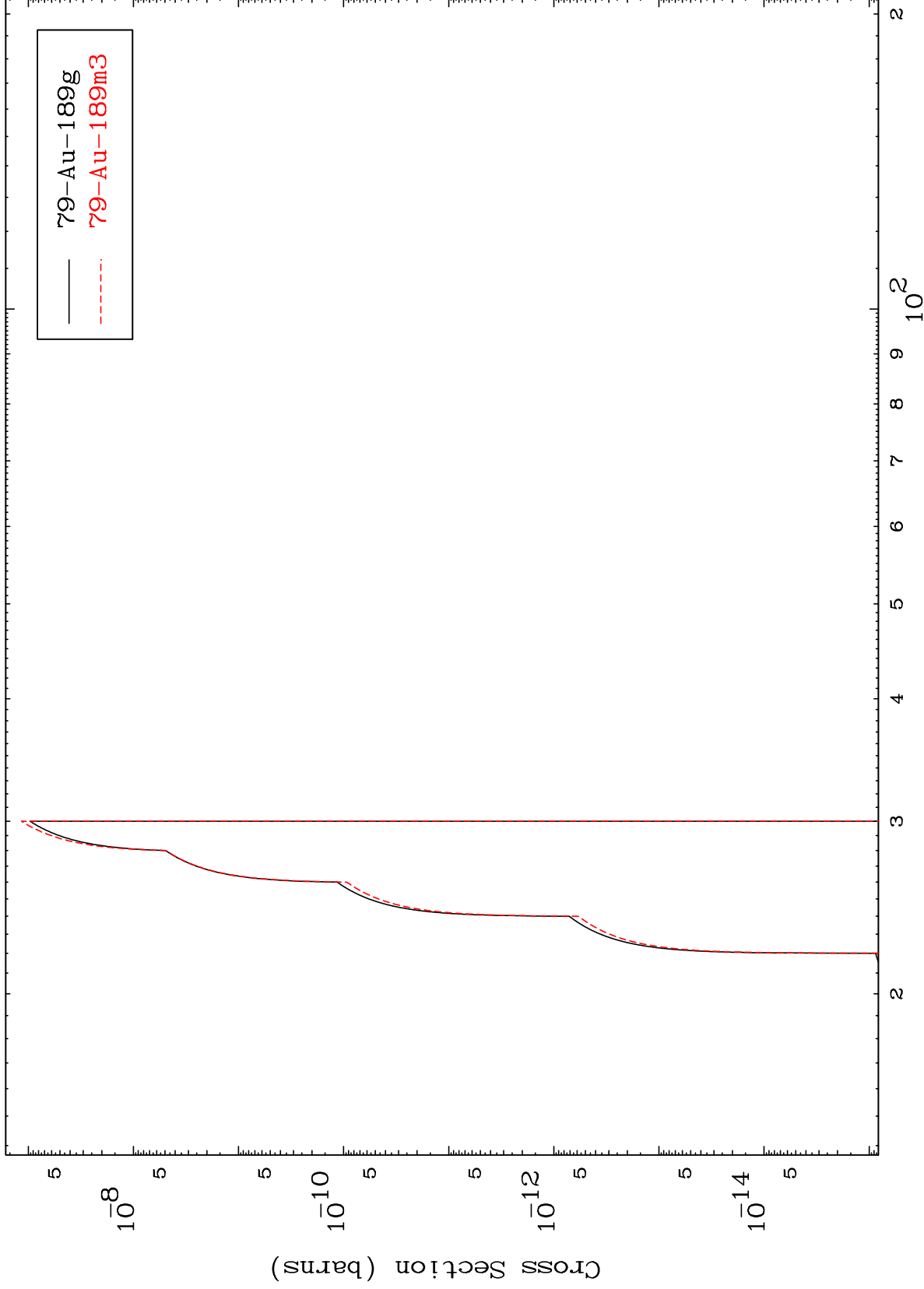
80-Hg-192

MAT 8013

(p,n') He-3

80-Hg-192

Radionuclide Production Cross Section



19

Incident Energy (MeV)

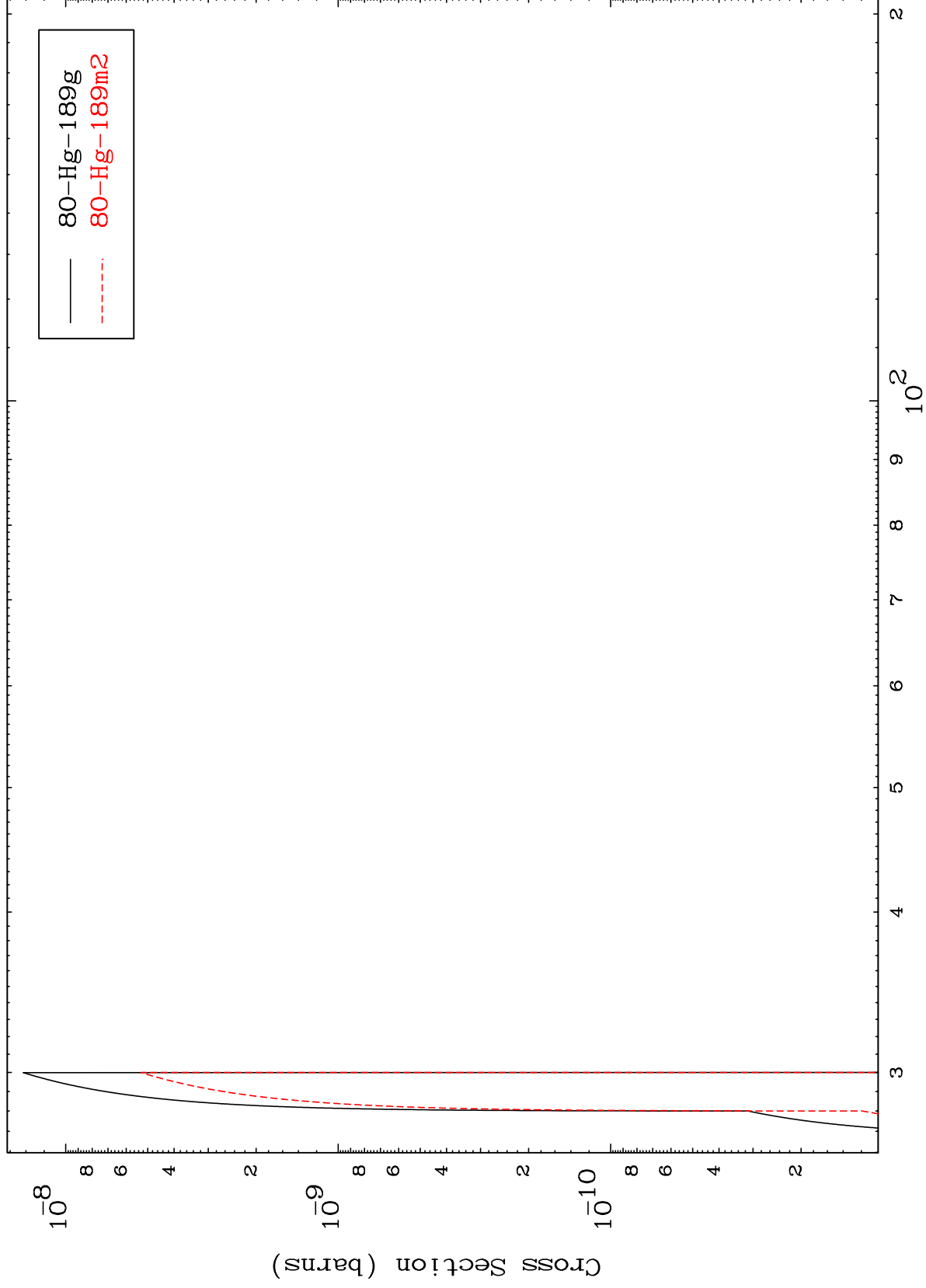
80-Hg-192

MAT 8013

80-Hg-192

(p,3n) p

Radionuclide Production Cross Section



20

Incident Energy (MeV)

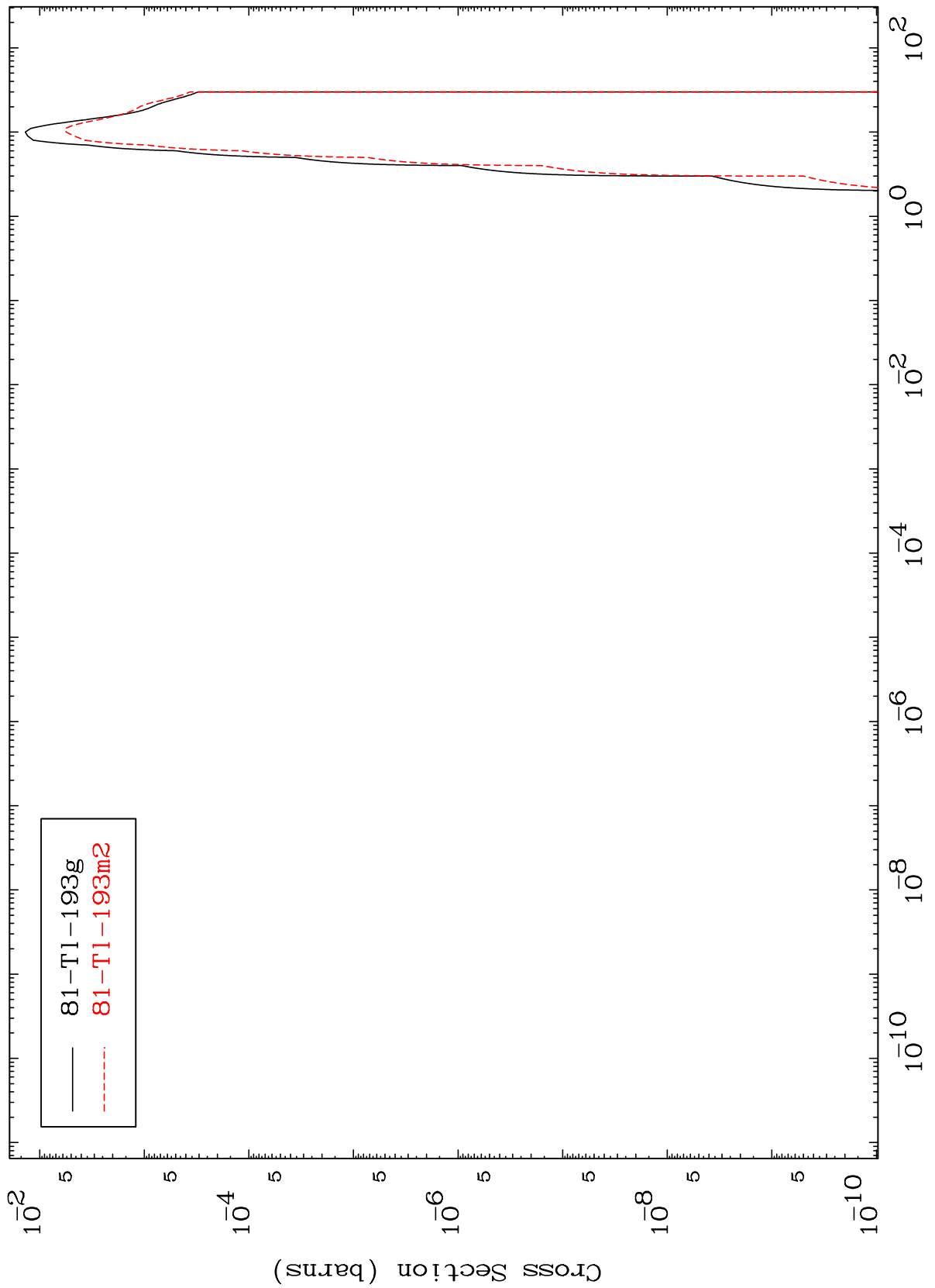
80-Hg-192

MAT 8013

(p,  $\gamma$ )

80-Hg-192

Radionuclide Production Cross Section



81-Tl-193g  
81-Tl-193m2

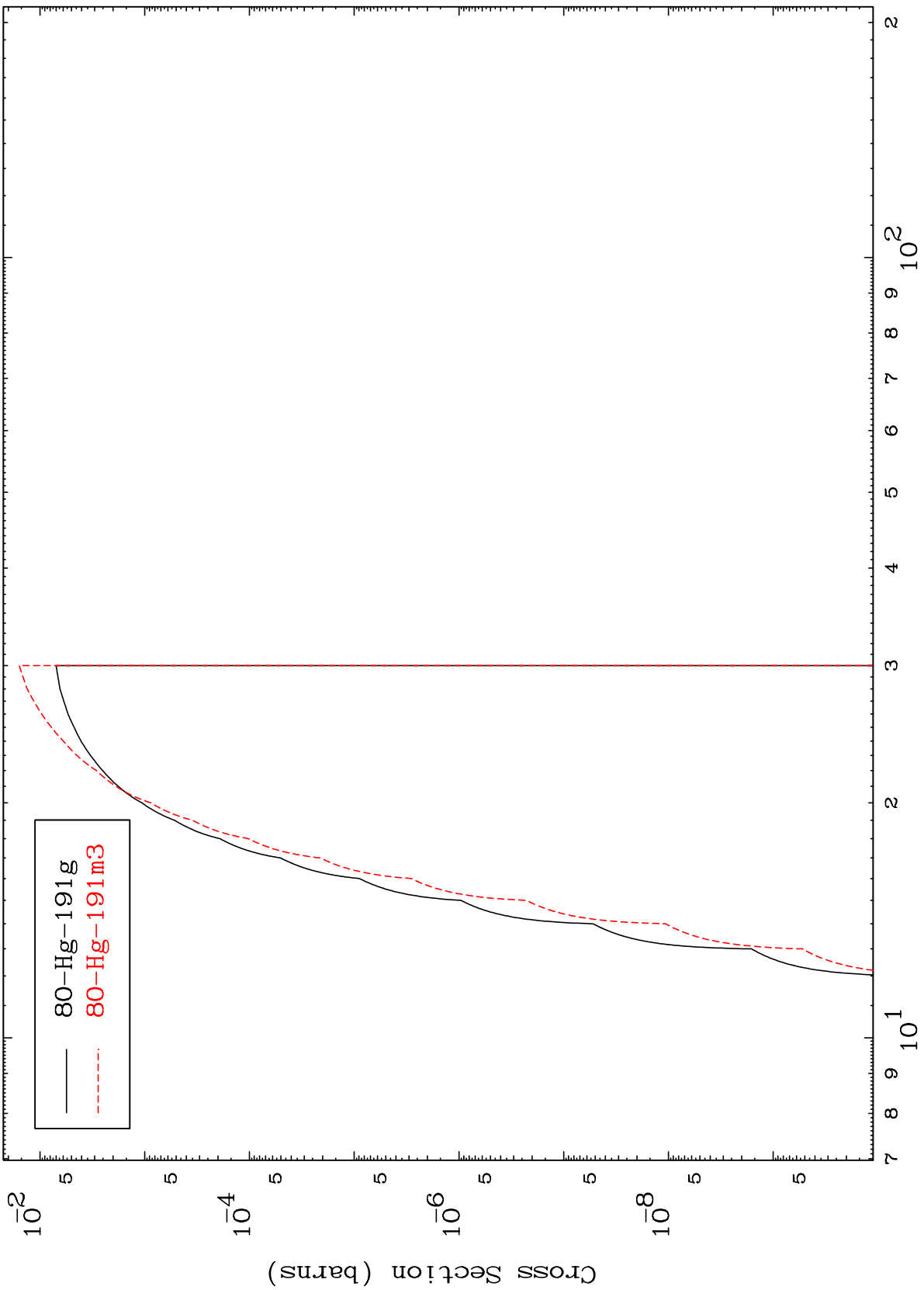
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(p,d)  
Radionuclide Production Cross Section



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

80-Hg-192

Incident Energy (MeV)

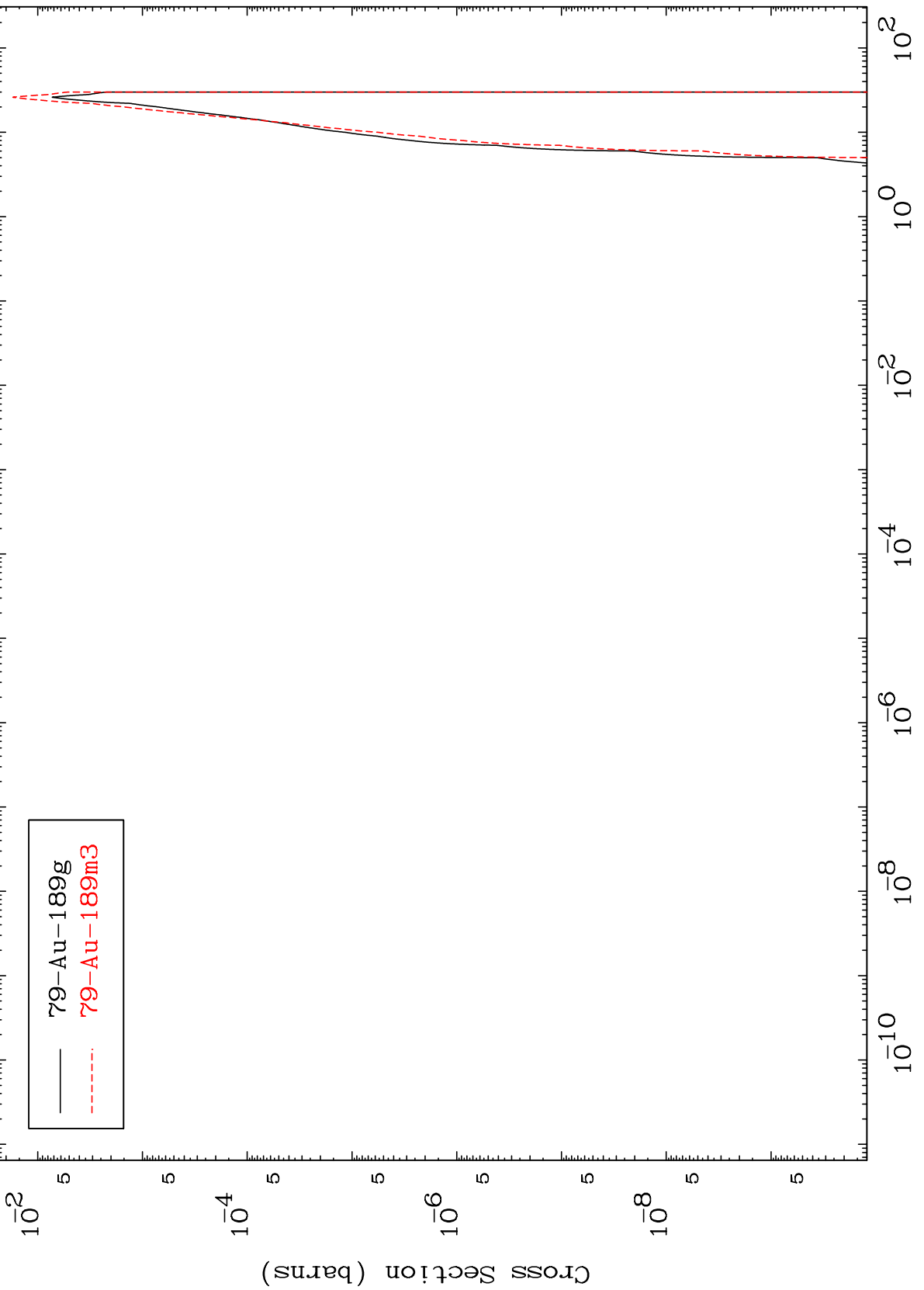
22

MAT 8013

(p,  $\alpha$ )

80-Hg-192

Radionuclide Production Cross Section

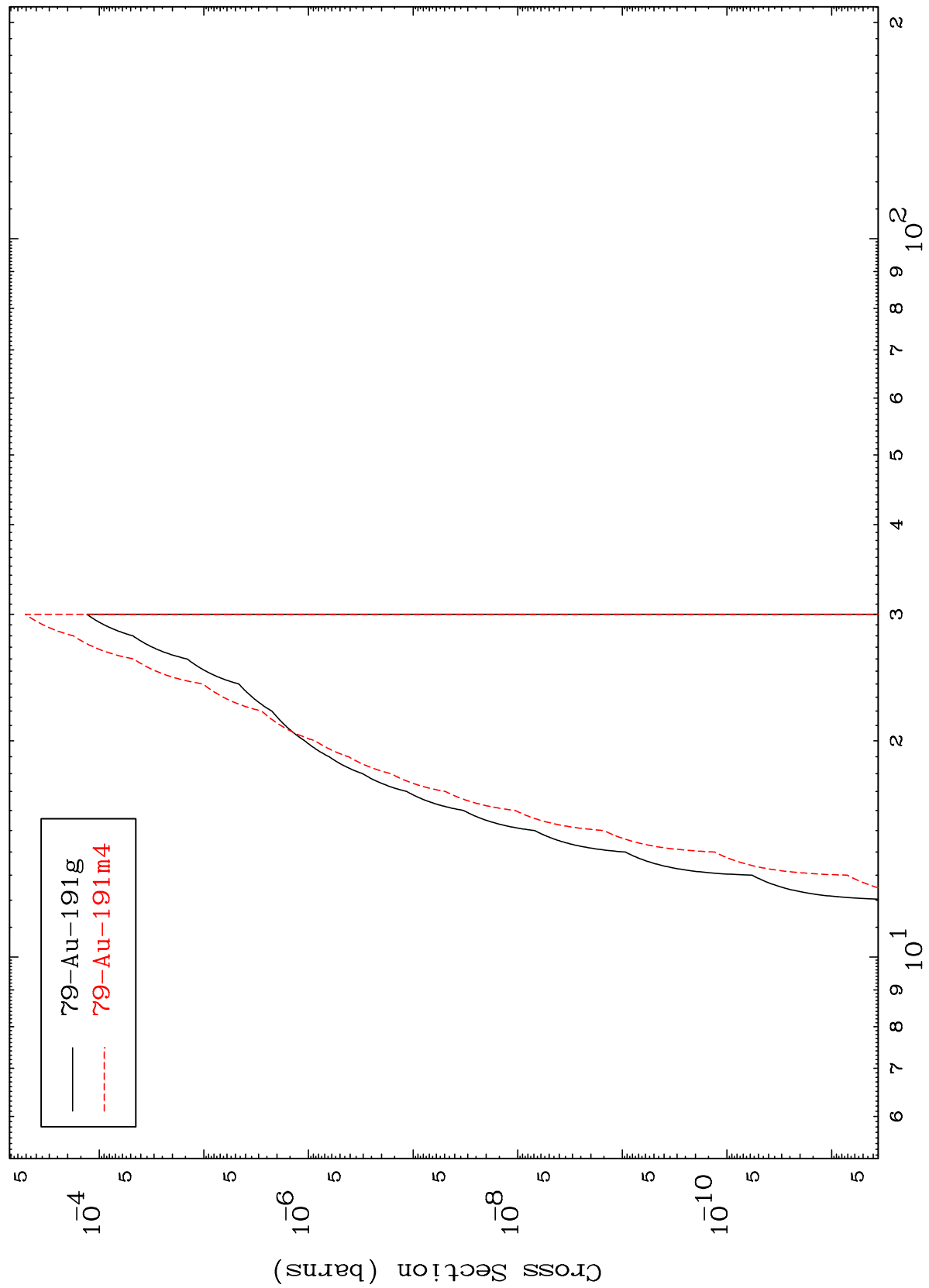




MAT 8013

80-Hg-192

(p,2p)  
Radionuclide Production Cross Section

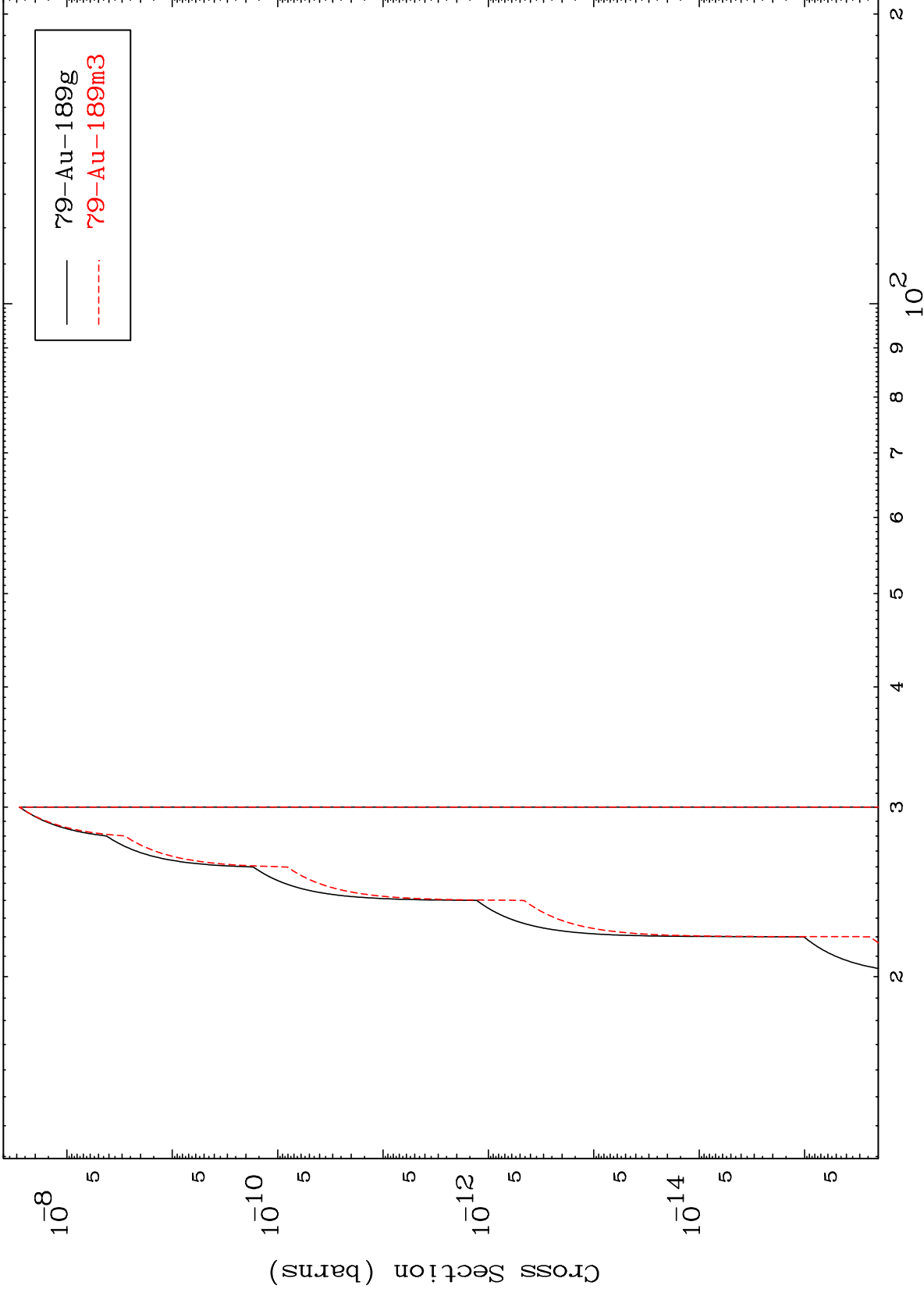


MAT 8013

(p,p) t

80-Hg-192

Radionuclide Production Cross Section



25

Incident Energy (MeV)

80-Hg-192