

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

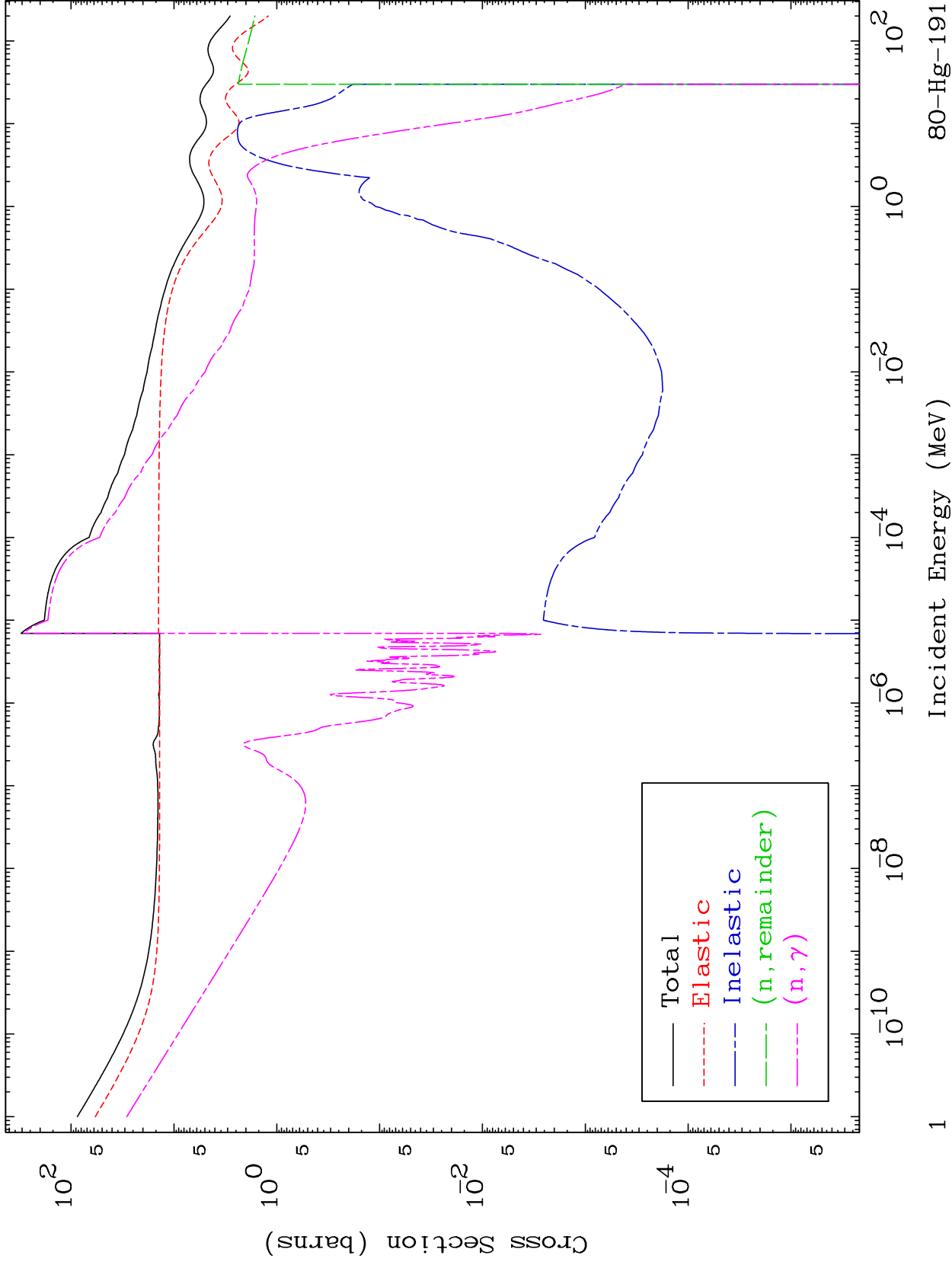
Press Mouse Button to Start

MAT 8011

Major

293 Kelvin Cross Sections

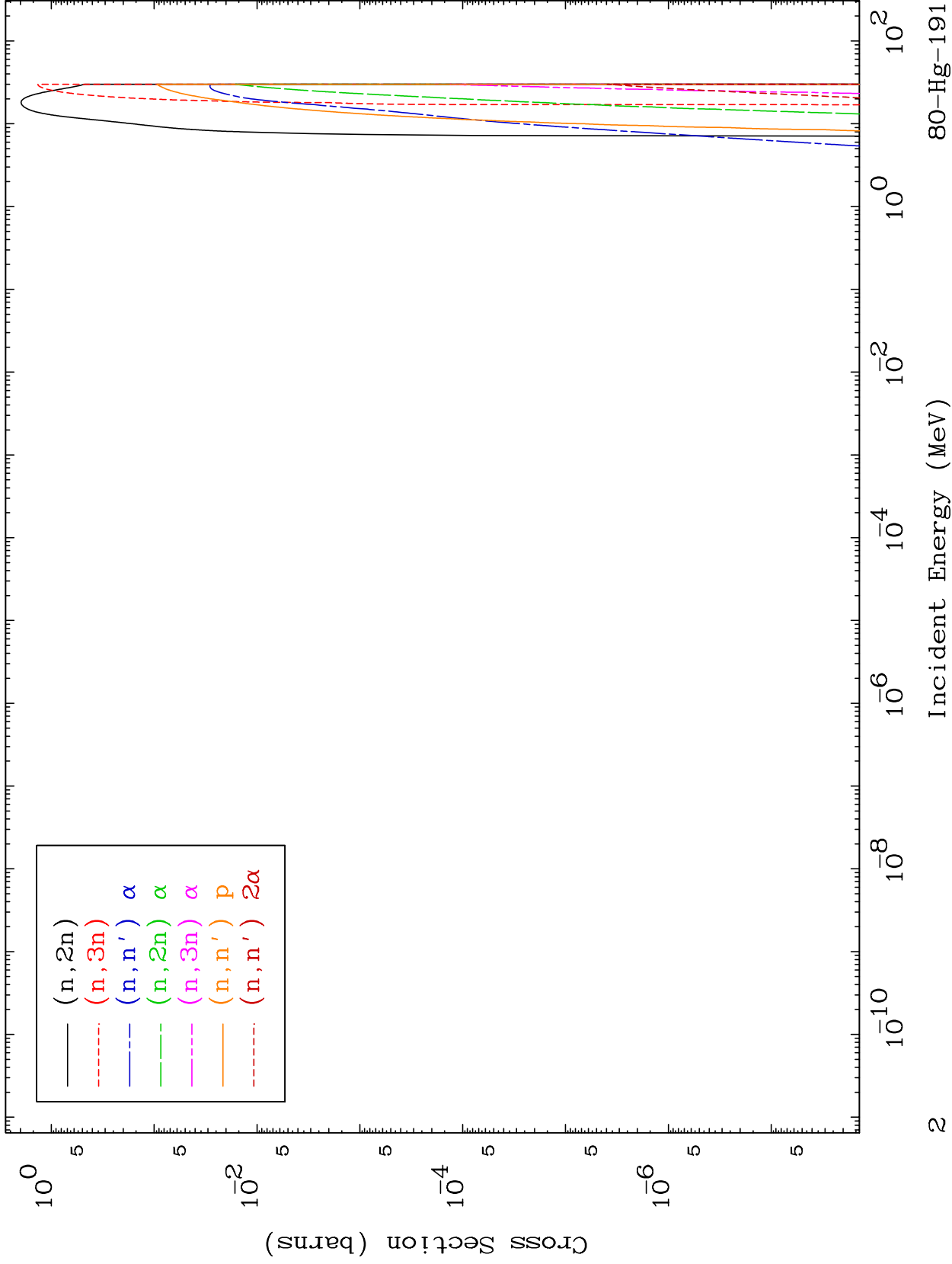
80-Hg-191



MAT 8011

Neutron Production  
293 Kelvin Cross Sections

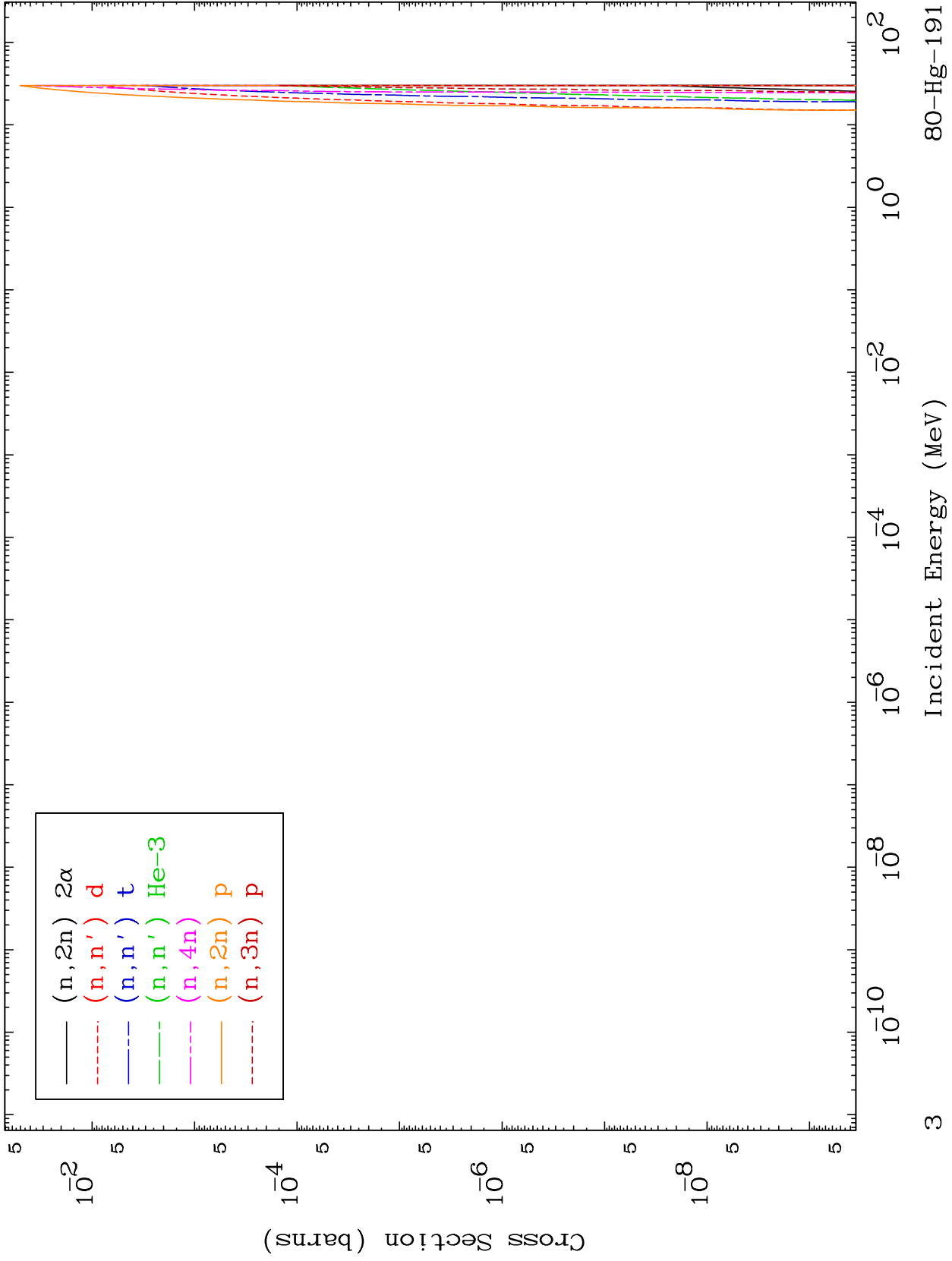
80-Hg-191



MAT 8011

Neutron Production  
293 Kelvin Cross Sections

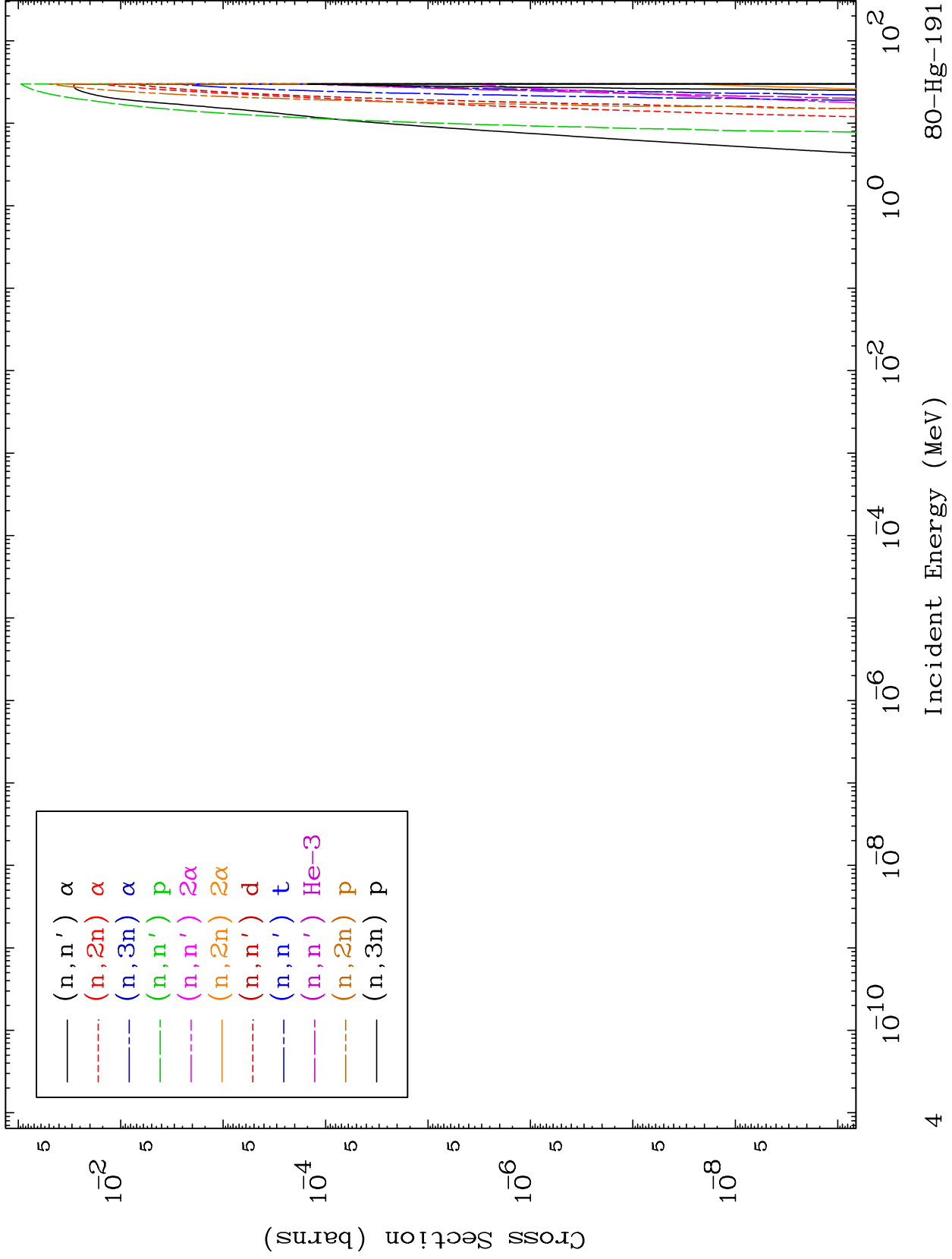
80-Hg-191



MAT 8011

Charged Particle  
293 Kelvin Cross Sections

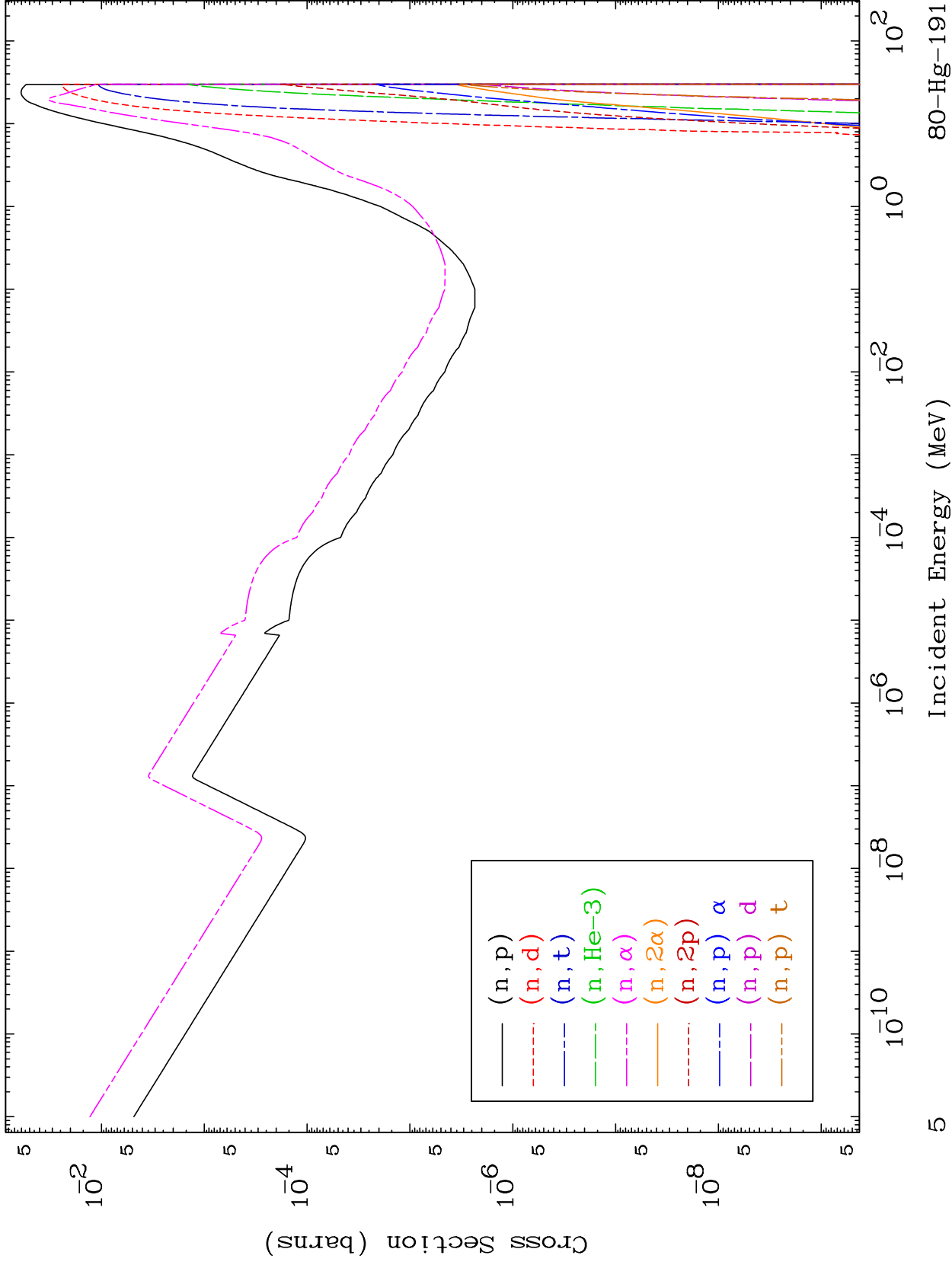
80-Hg-191



MAT 8011

Charged Particle  
293 Kelvin Cross Sections

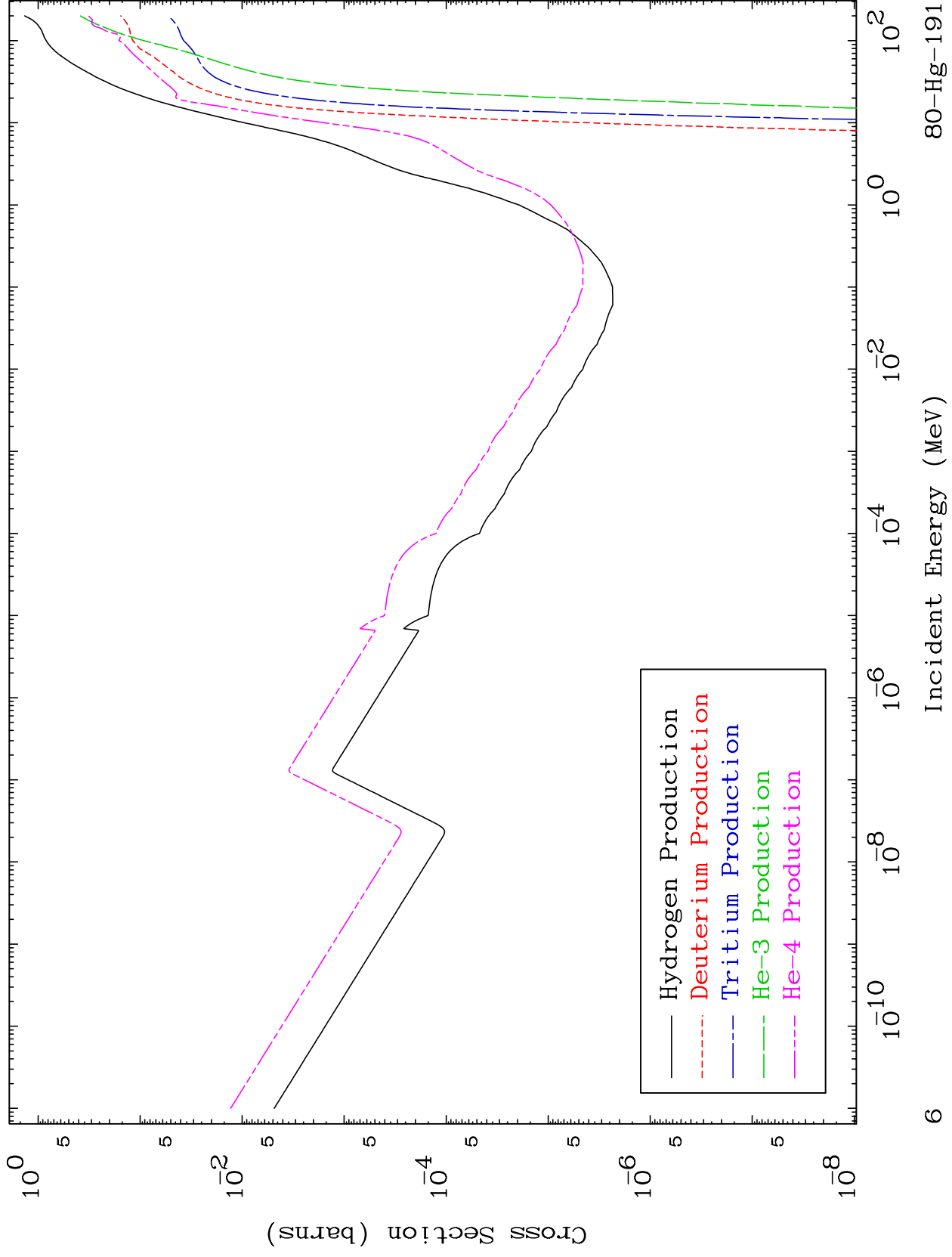
80-Hg-191



MAT 80111

Particle Production  
293 Kelvin Cross Sections

80-Hg-191

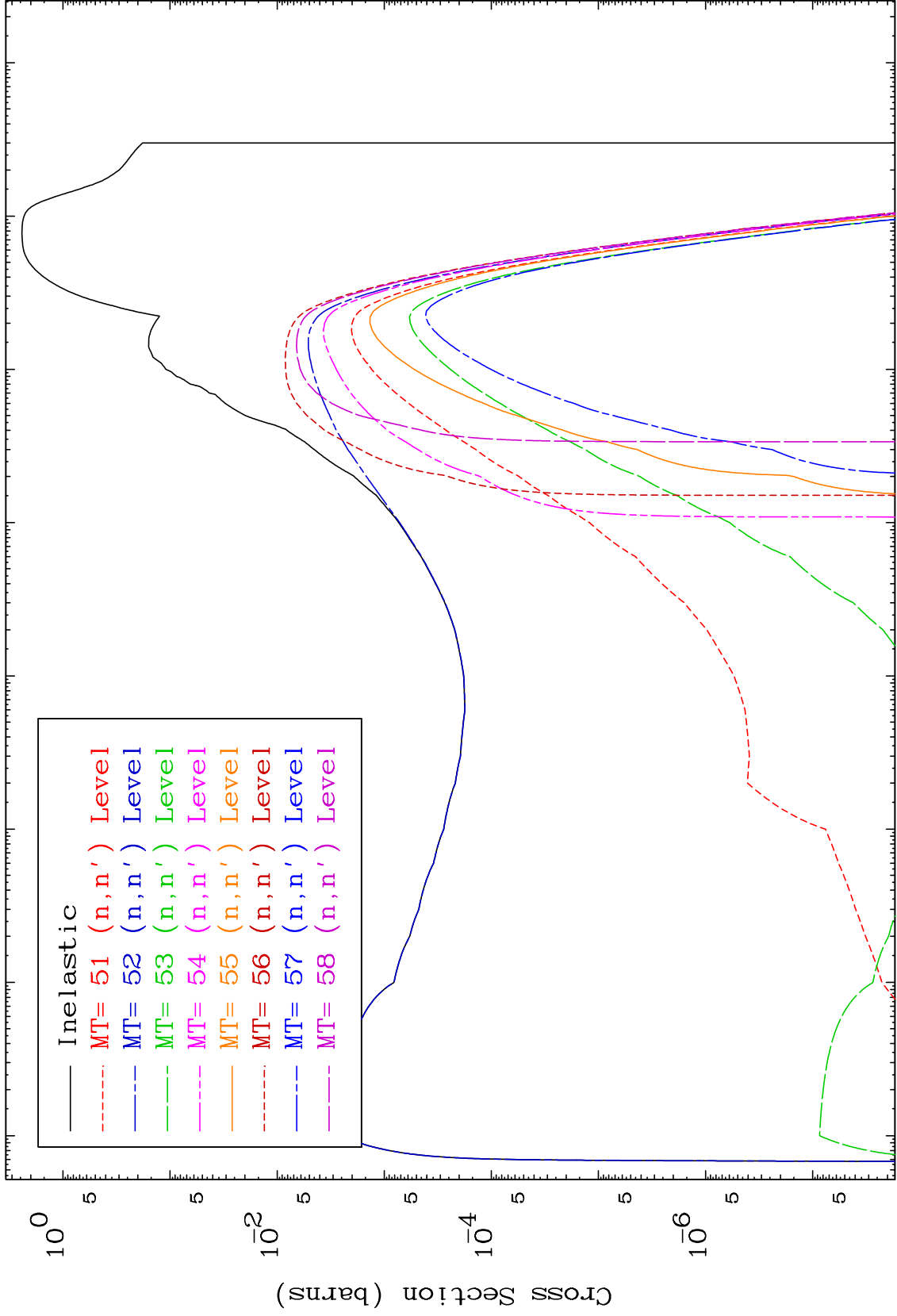


MAT 8011

(n,n') Level

80-Hg-191

293 Kelvin Cross Sections



Incident Energy (MeV)

80-Hg-191

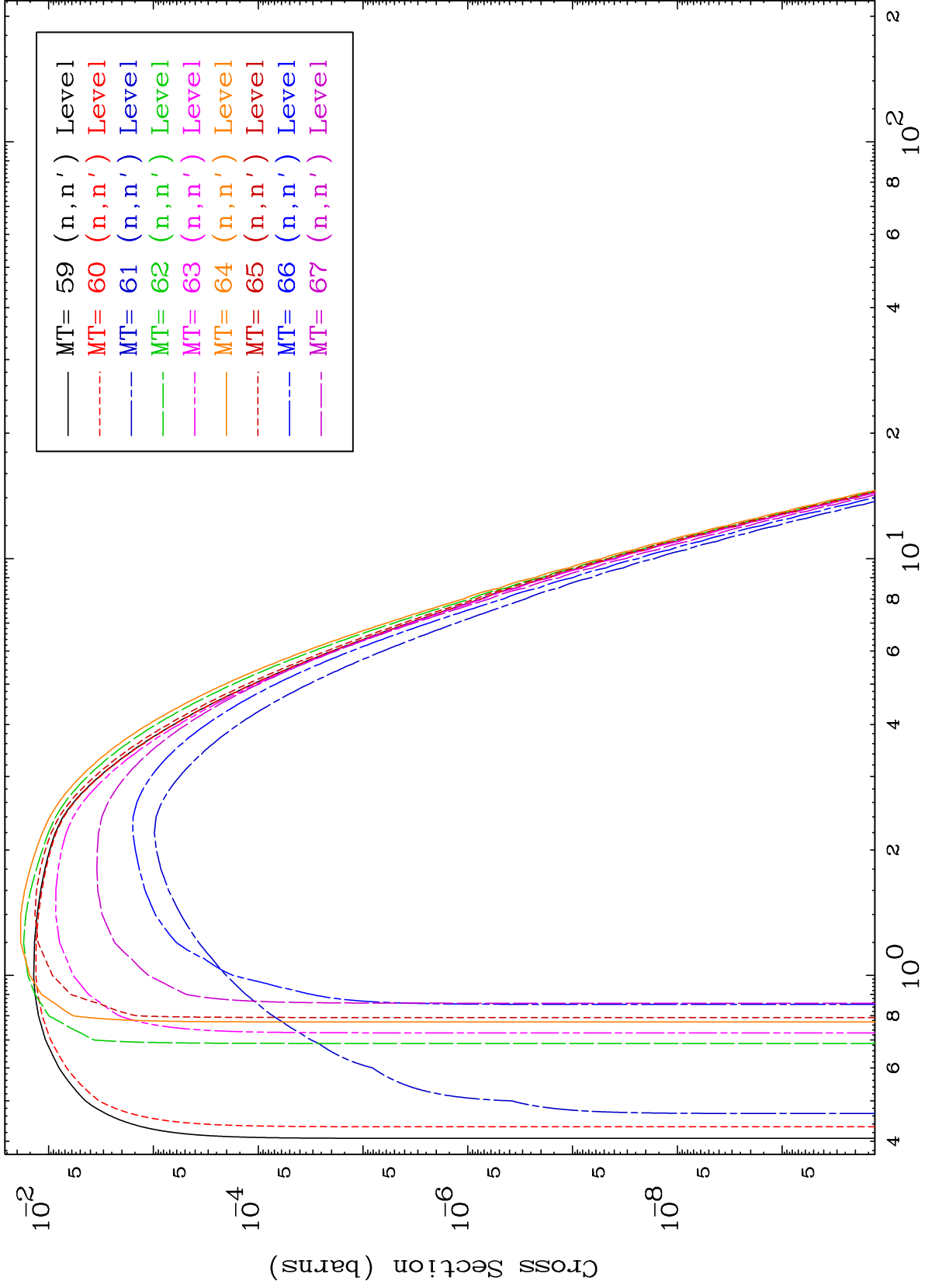


MAT 8011

(n,n') Level

80-Hg-191

293 Kelvin Cross Sections



Incident Energy (MeV)

80-Hg-191

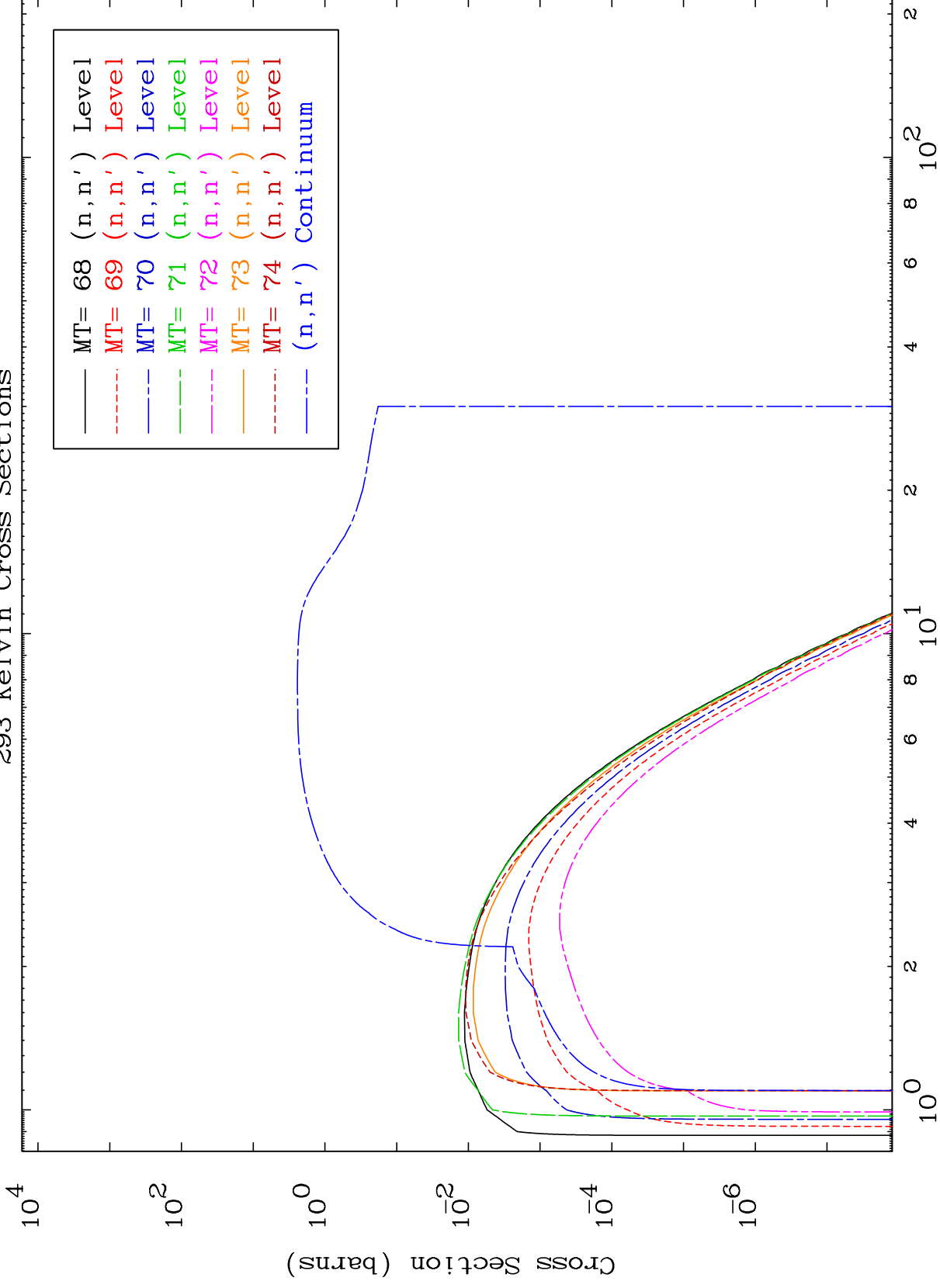
8

MAT 8011

(n,n') Level

80-Hg-191

293 Kelvin Cross Sections



9

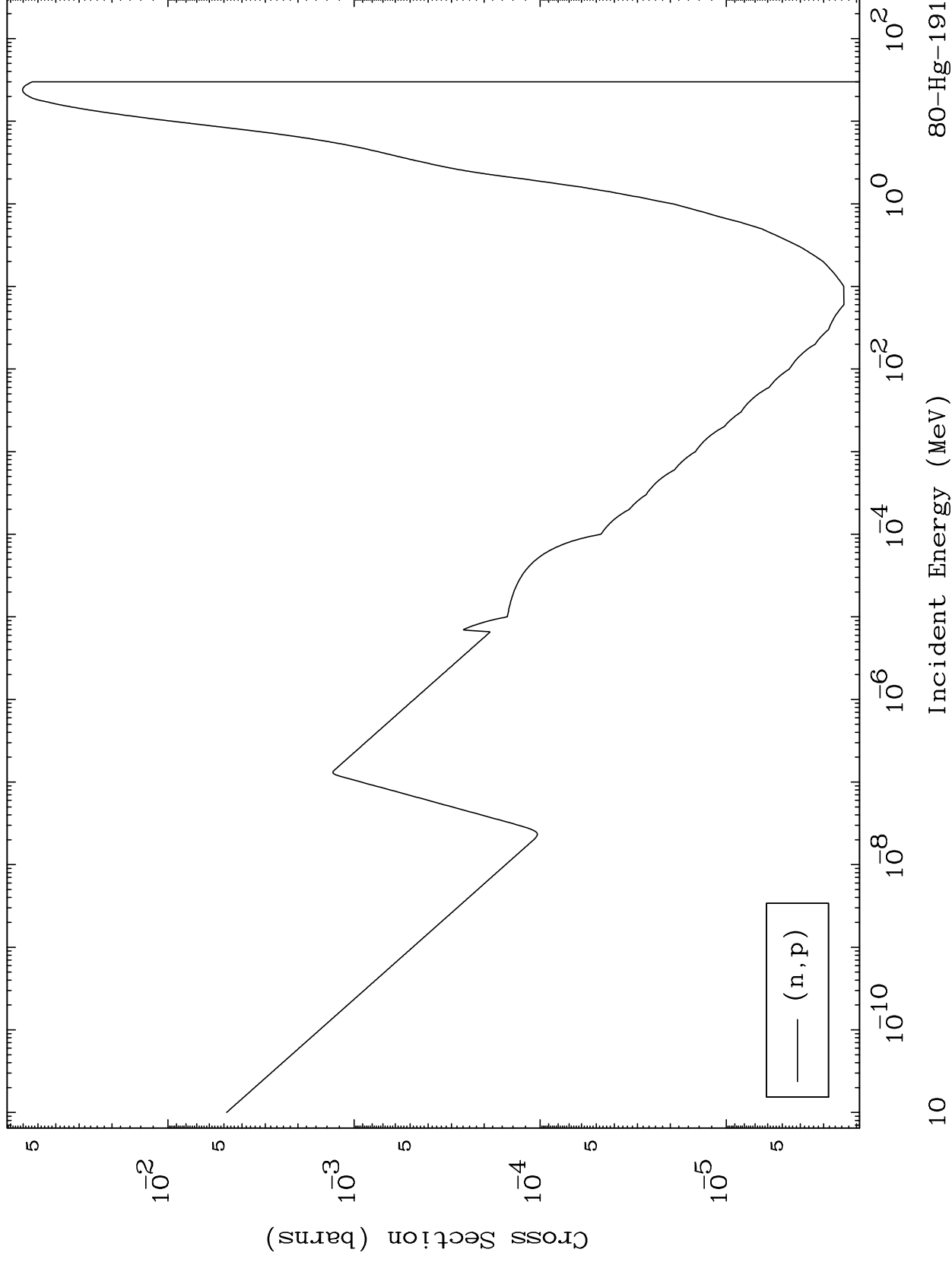
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,p) Levels  
293 Kelvin Cross Sections

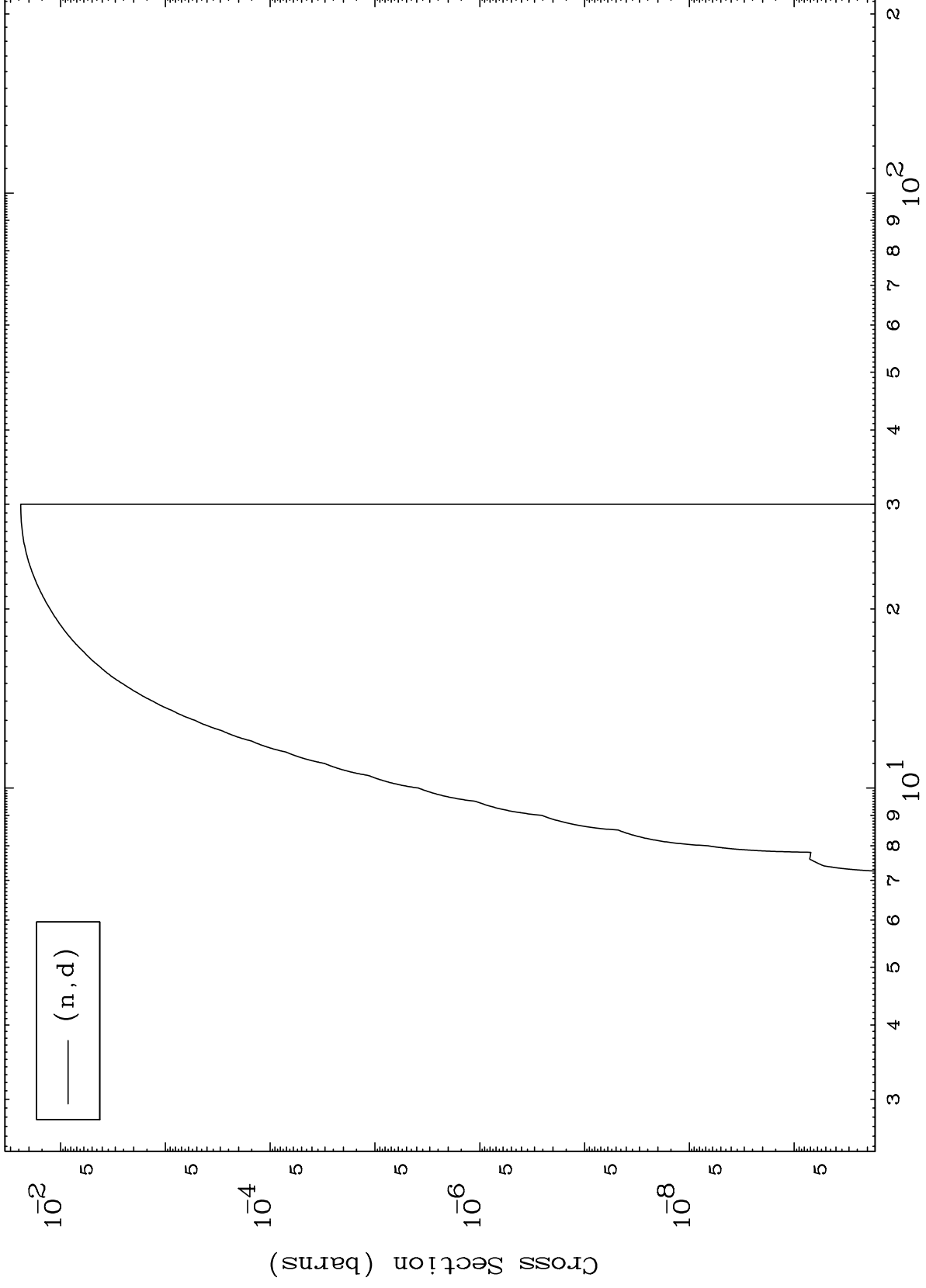
80-Hg-191



MAT 8011

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-191



11

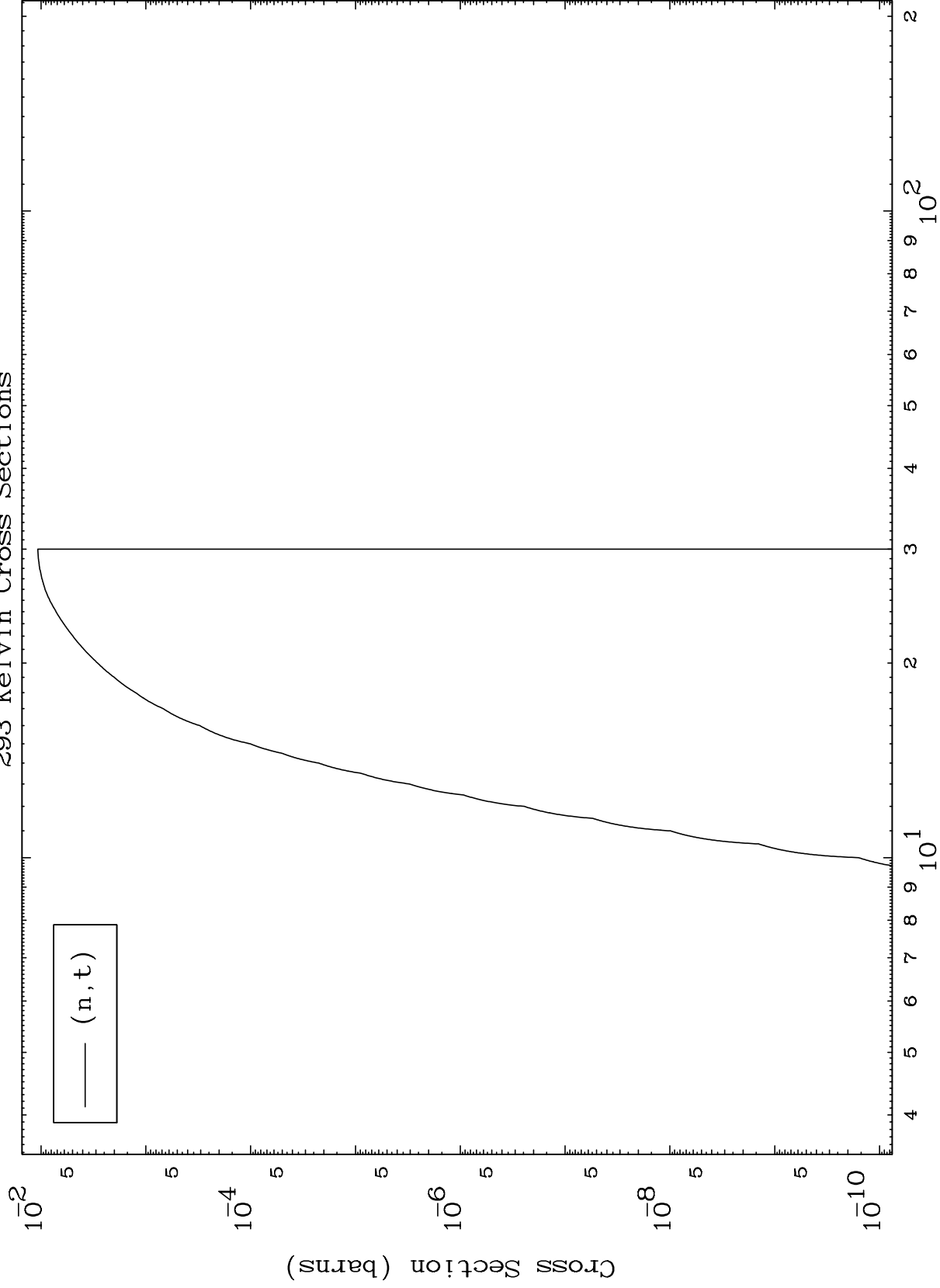
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-191



12

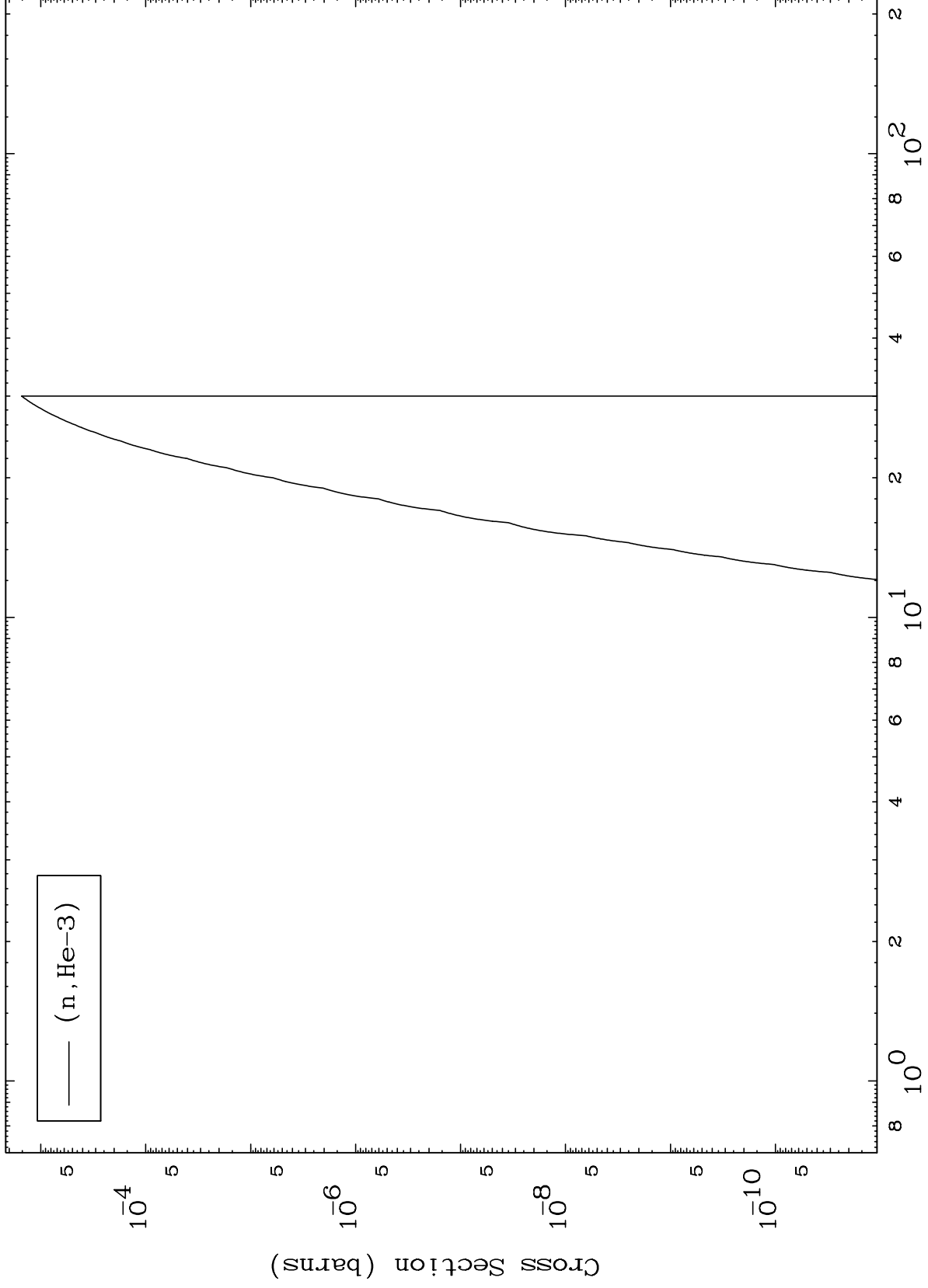
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-191



13

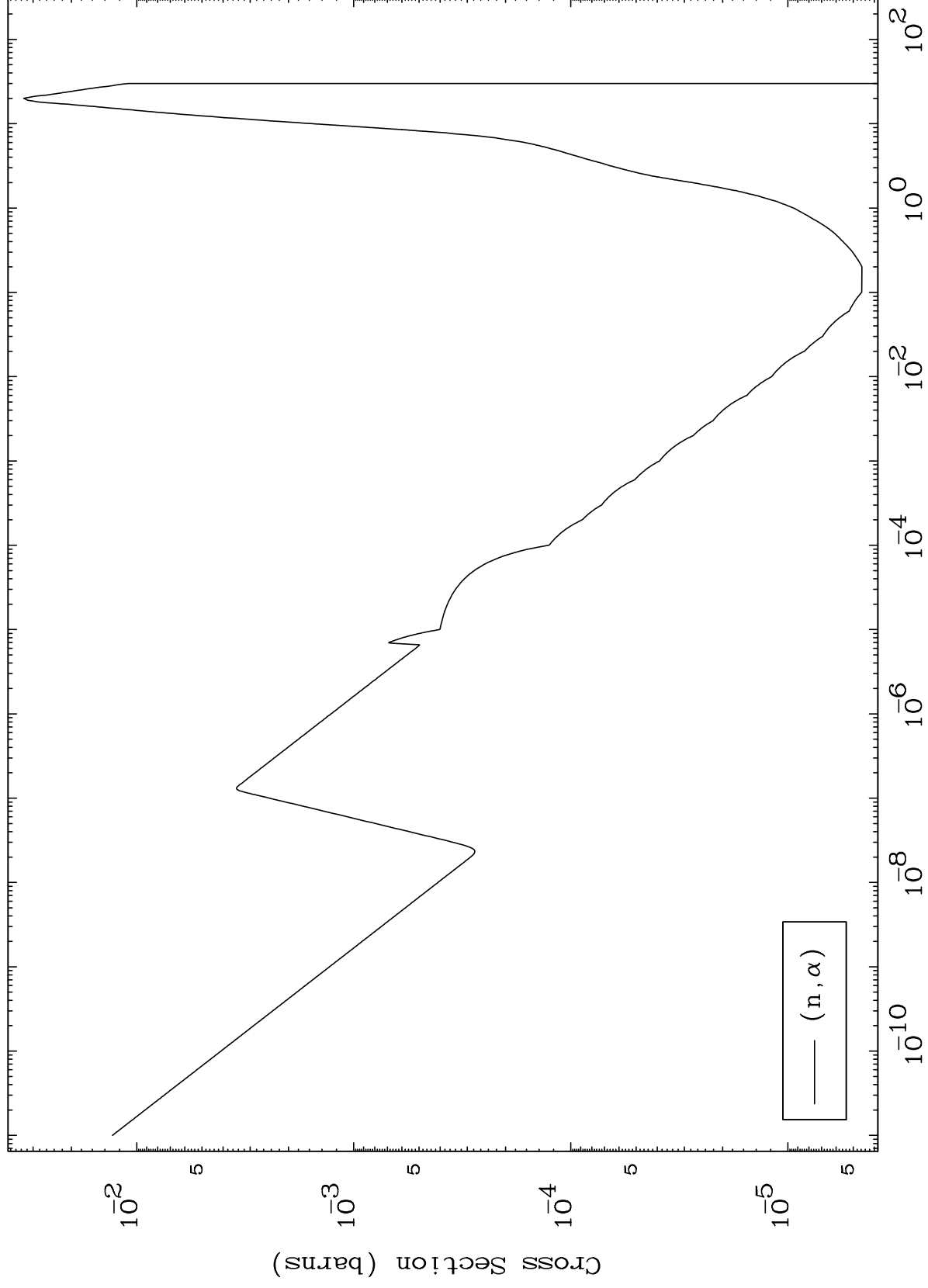
Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,α) Levels  
293 Kelvin Cross Sections

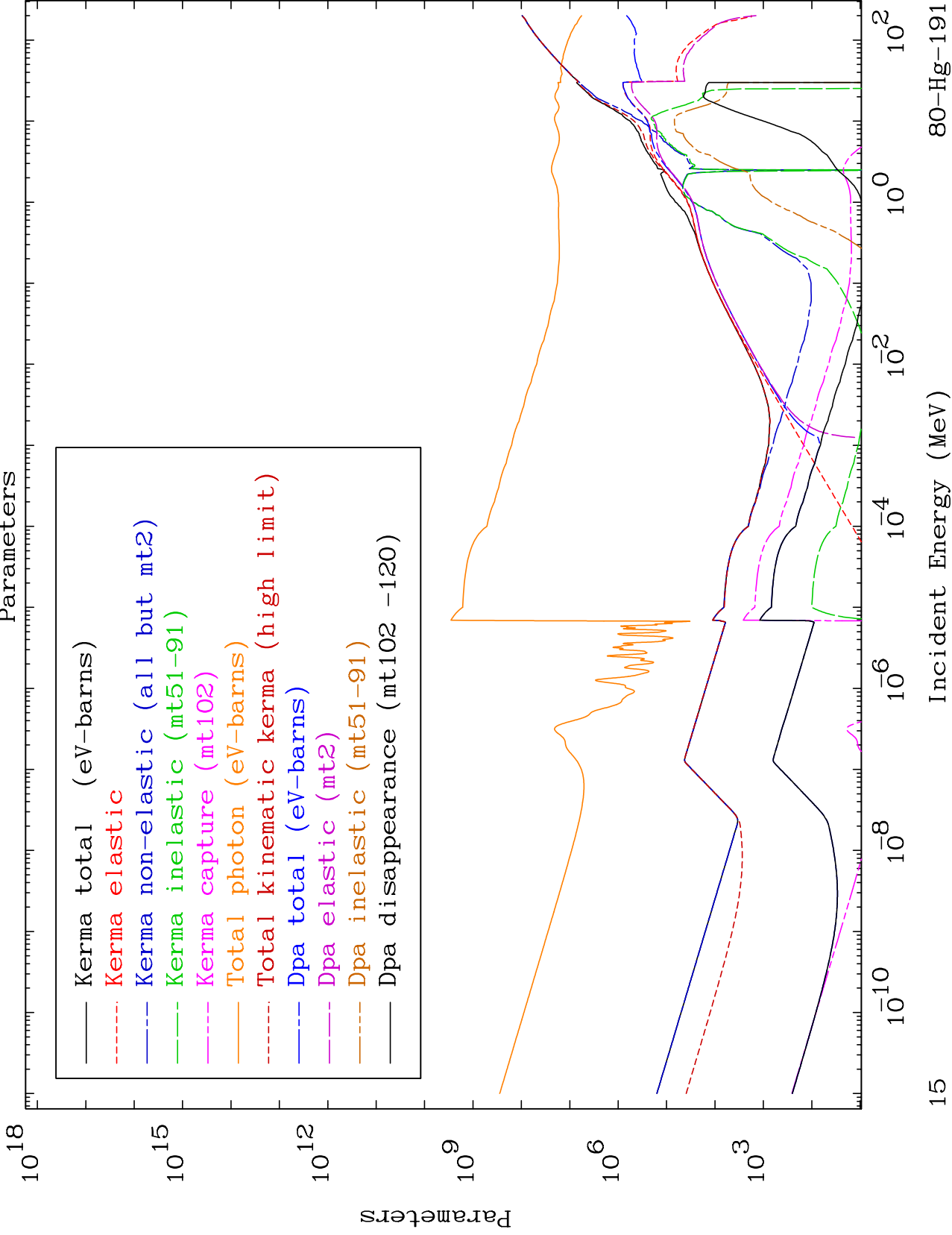
80-Hg-191



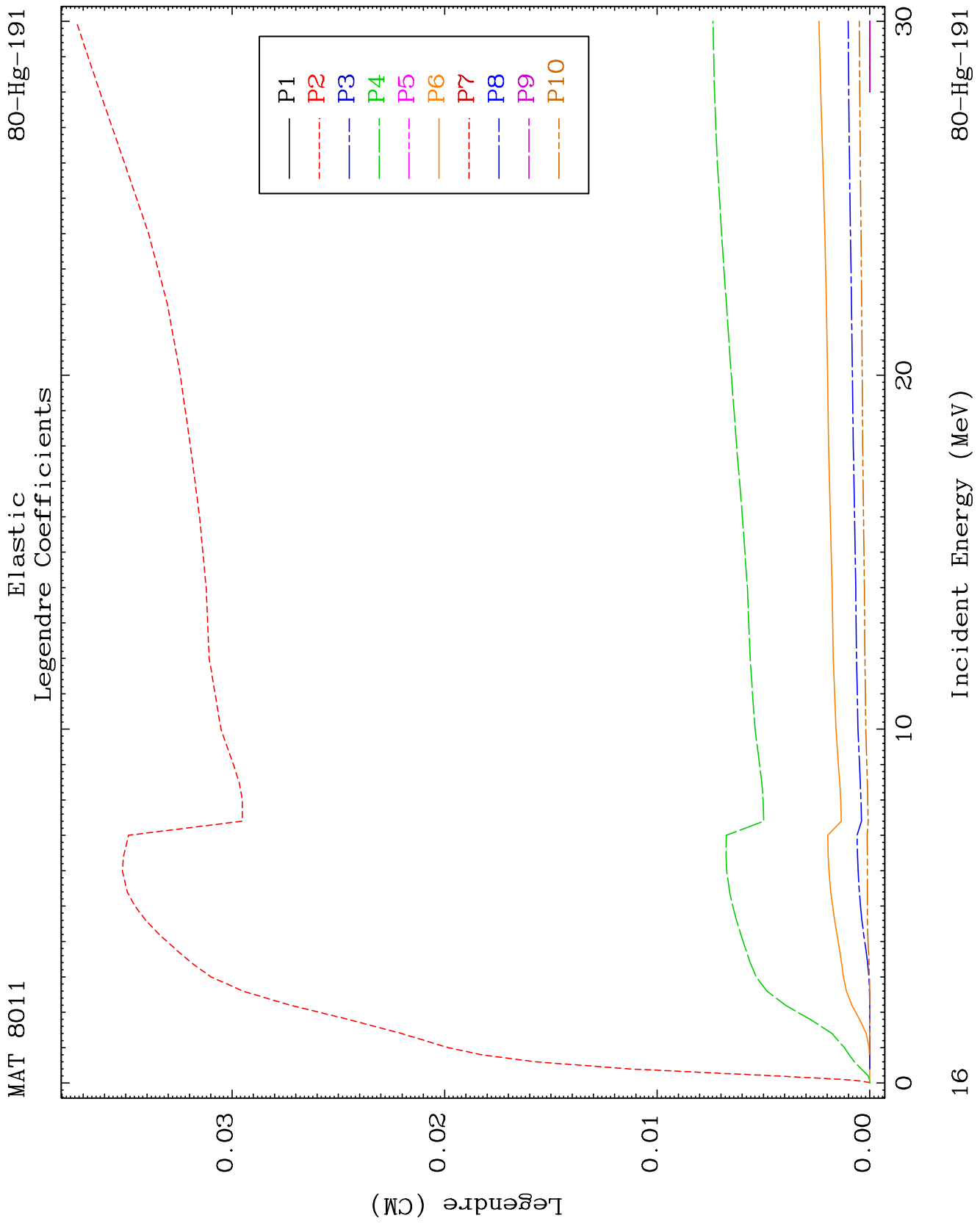
14

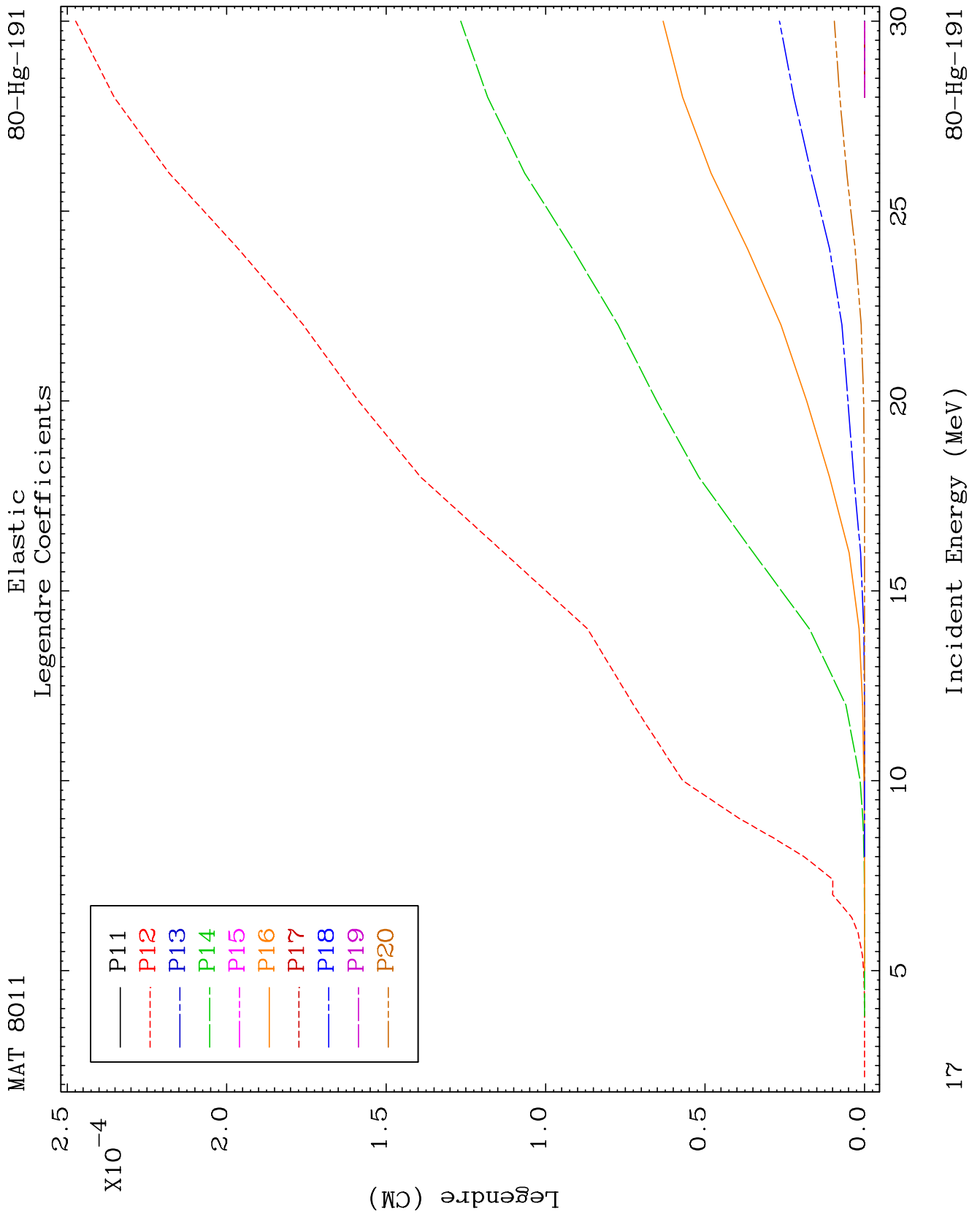
Incident Energy (MeV)

80-Hg-191







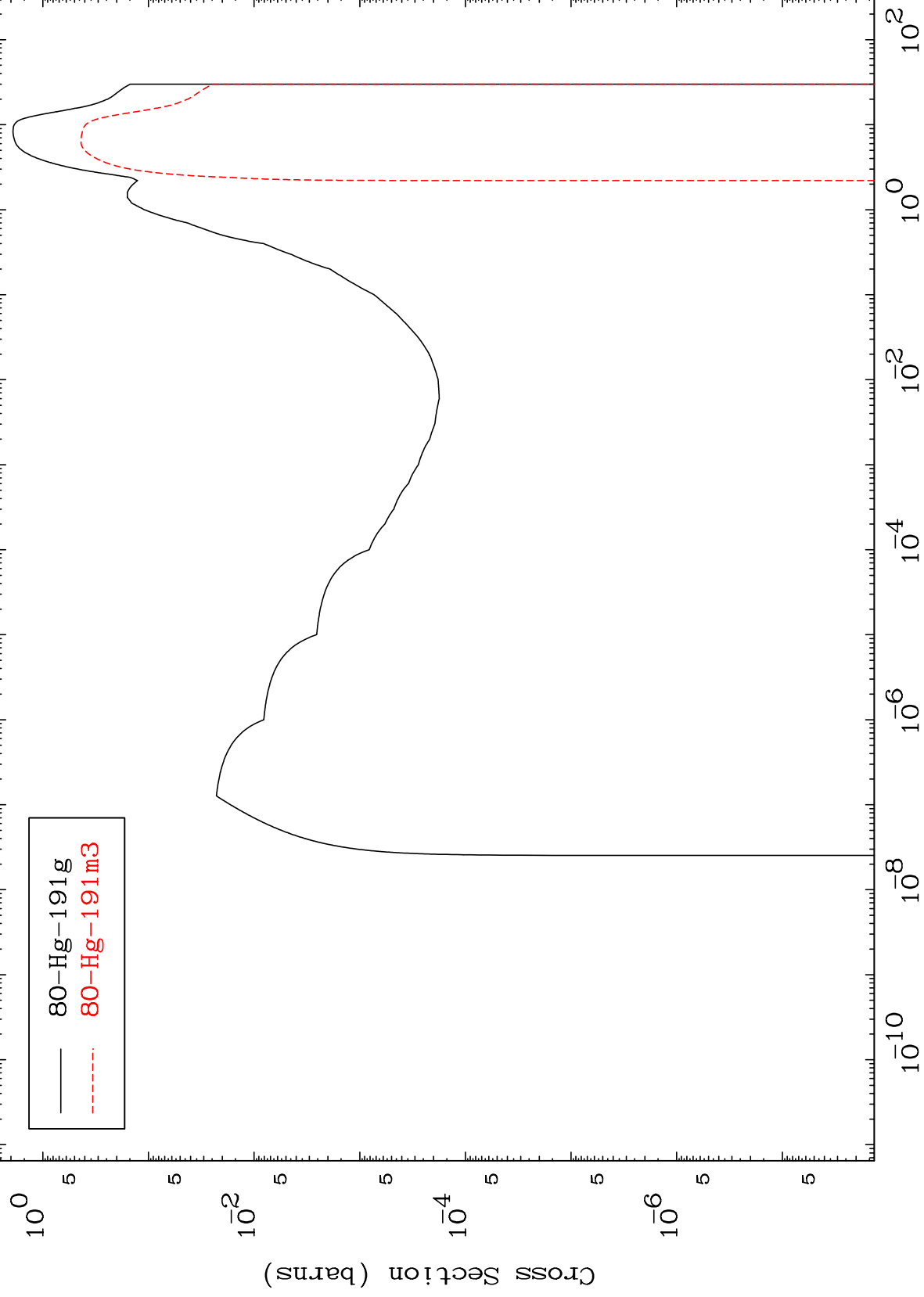




MAT 8011

Inelastic  
Radionuclide Production Cross Section

80-Hg-191



19

Incident Energy (MeV)

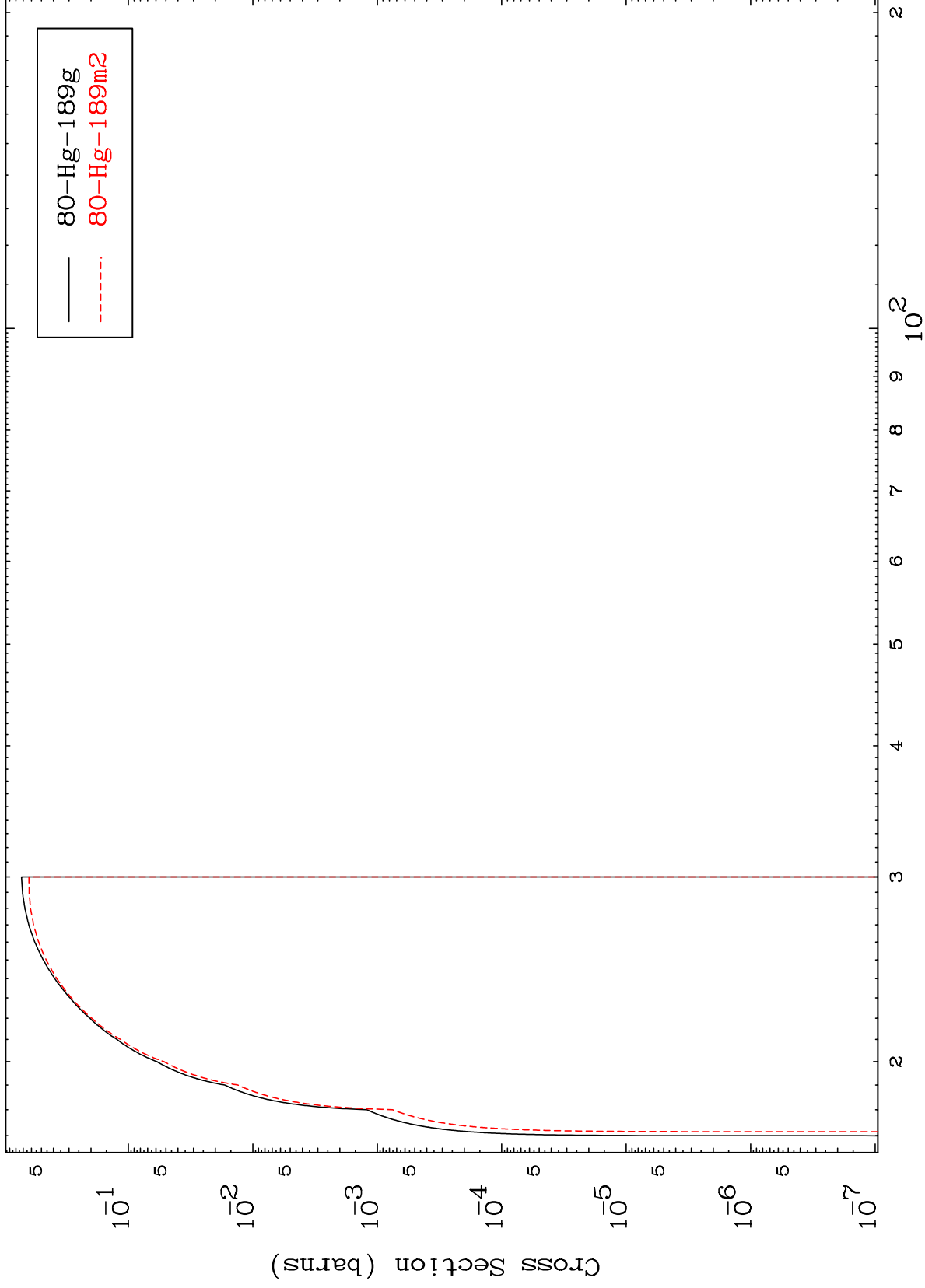
80-Hg-191

MAT 8011

(n,3n)

80-Hg-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

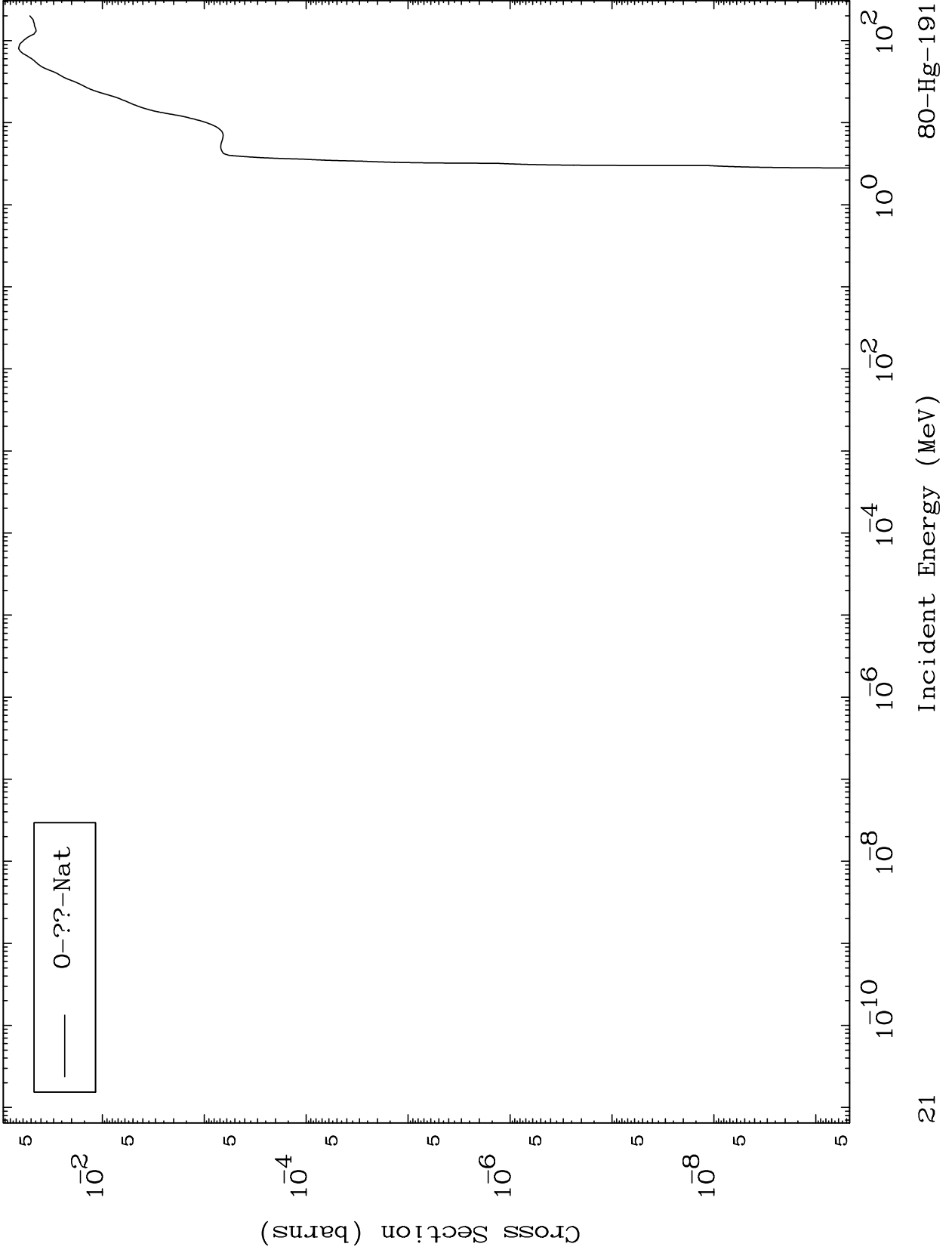
80-Hg-191

MAT 8011

Fission

80-Hg-191

Radionuclide Production Cross Section

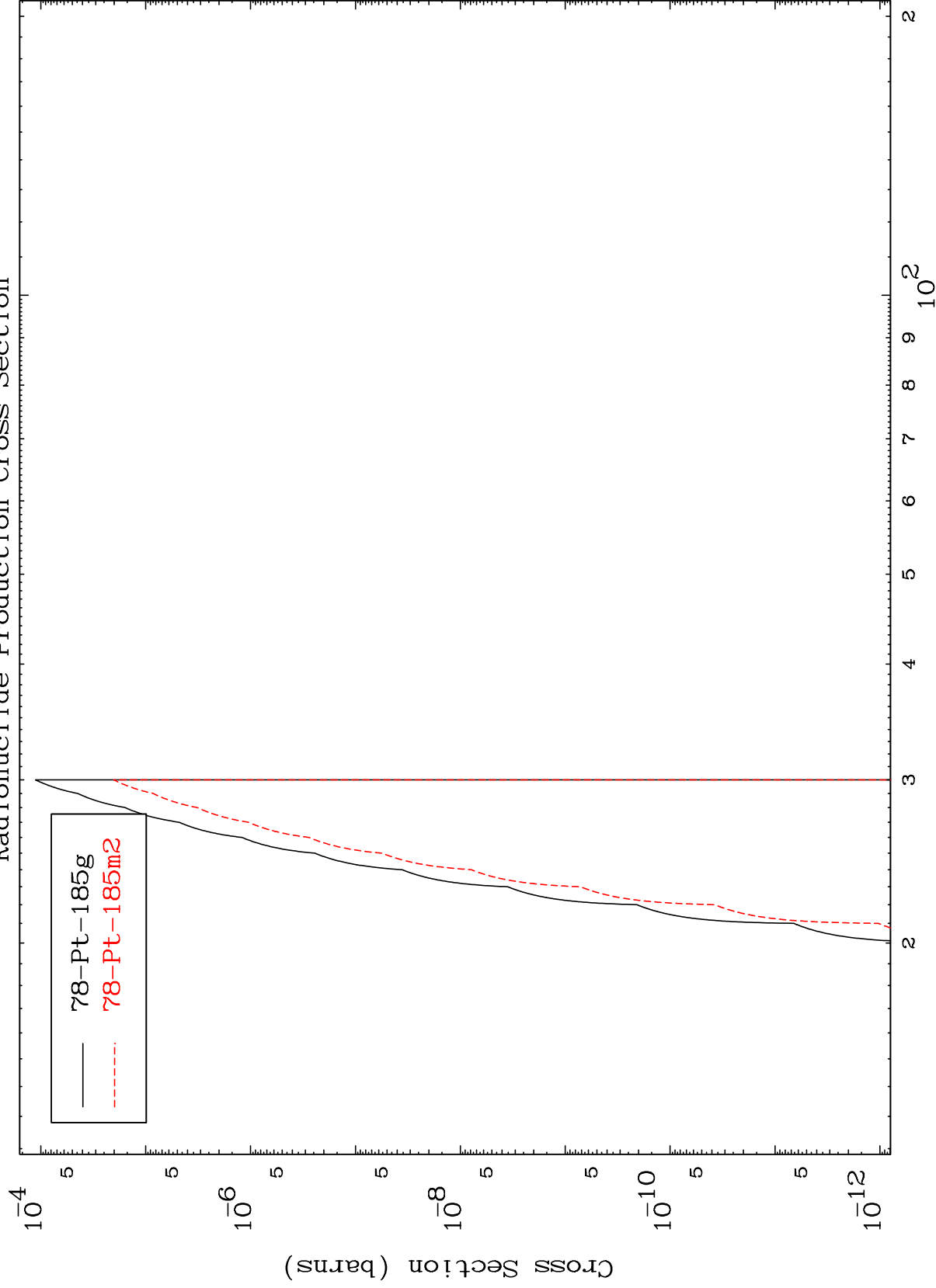


MAT 8011

80-Hg-191

(n,3n)  $\alpha$

Radionuclide Production Cross Section



80-Hg-191

Incident Energy (MeV)

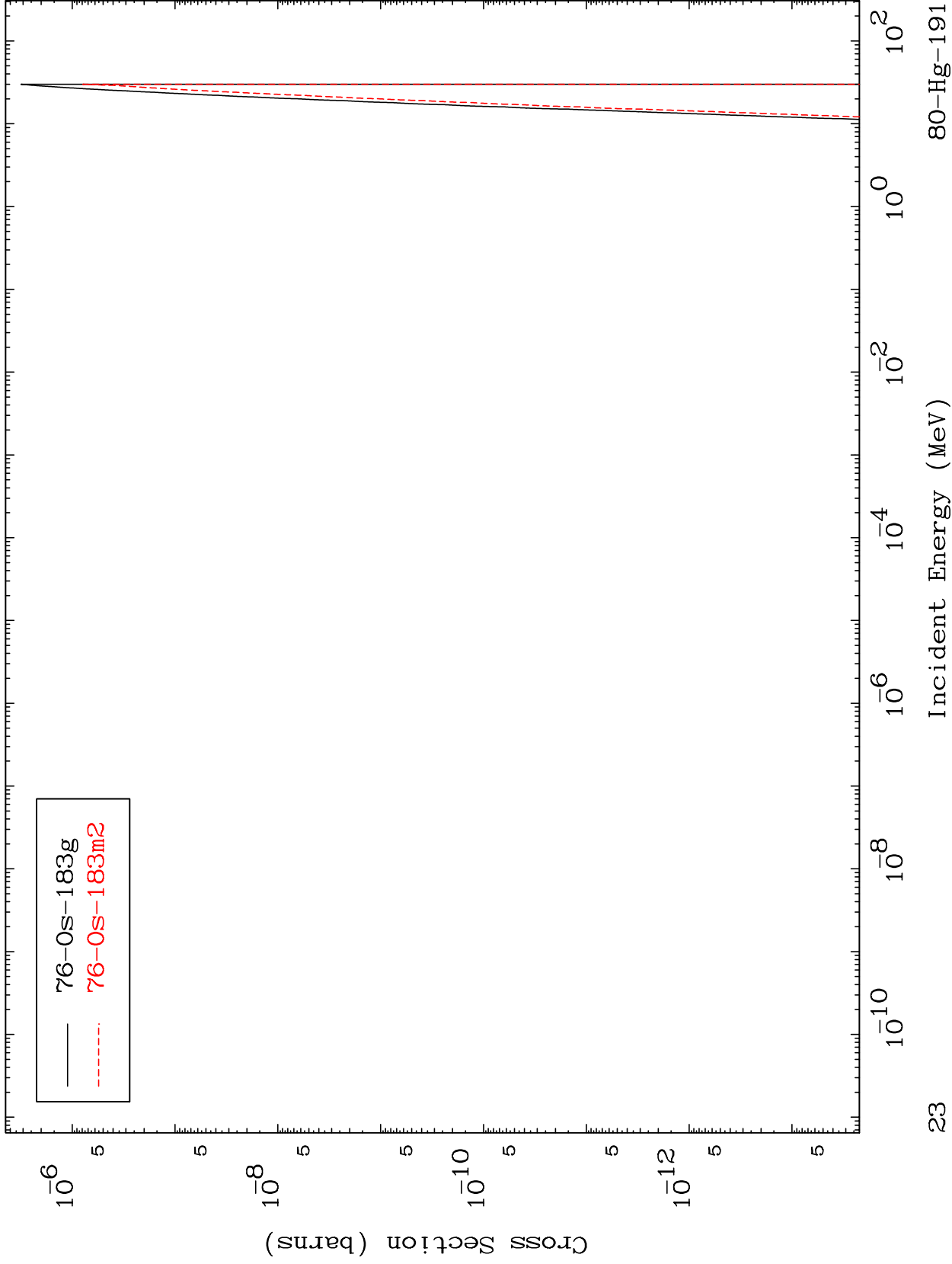
22

MAT 8011

(n,n') 2 $\alpha$

80-Hg-191

Radionuclide Production Cross Section



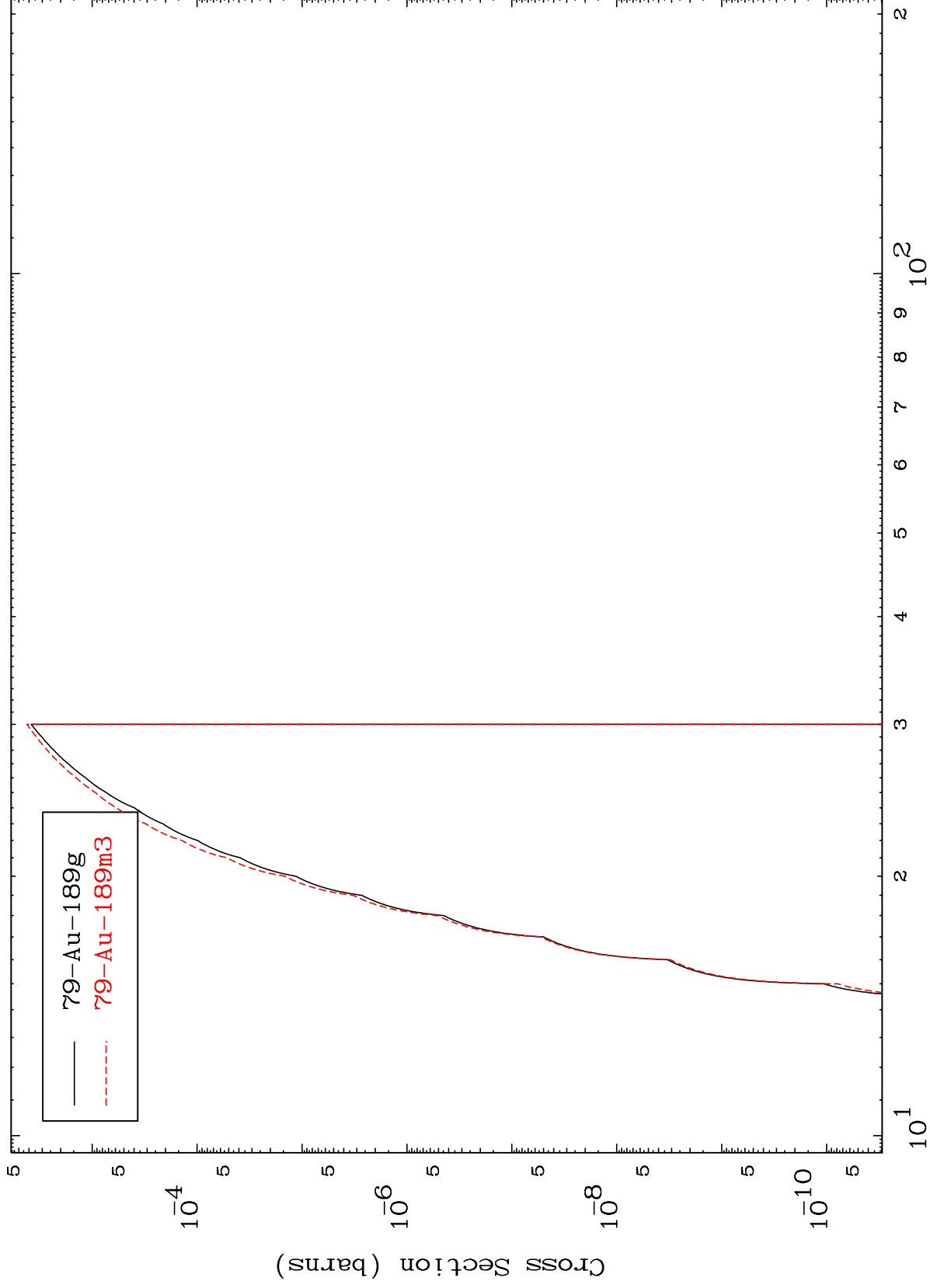


MAT 8011

(n,n') d

80-Hg-191

Radionuclide Production Cross Section

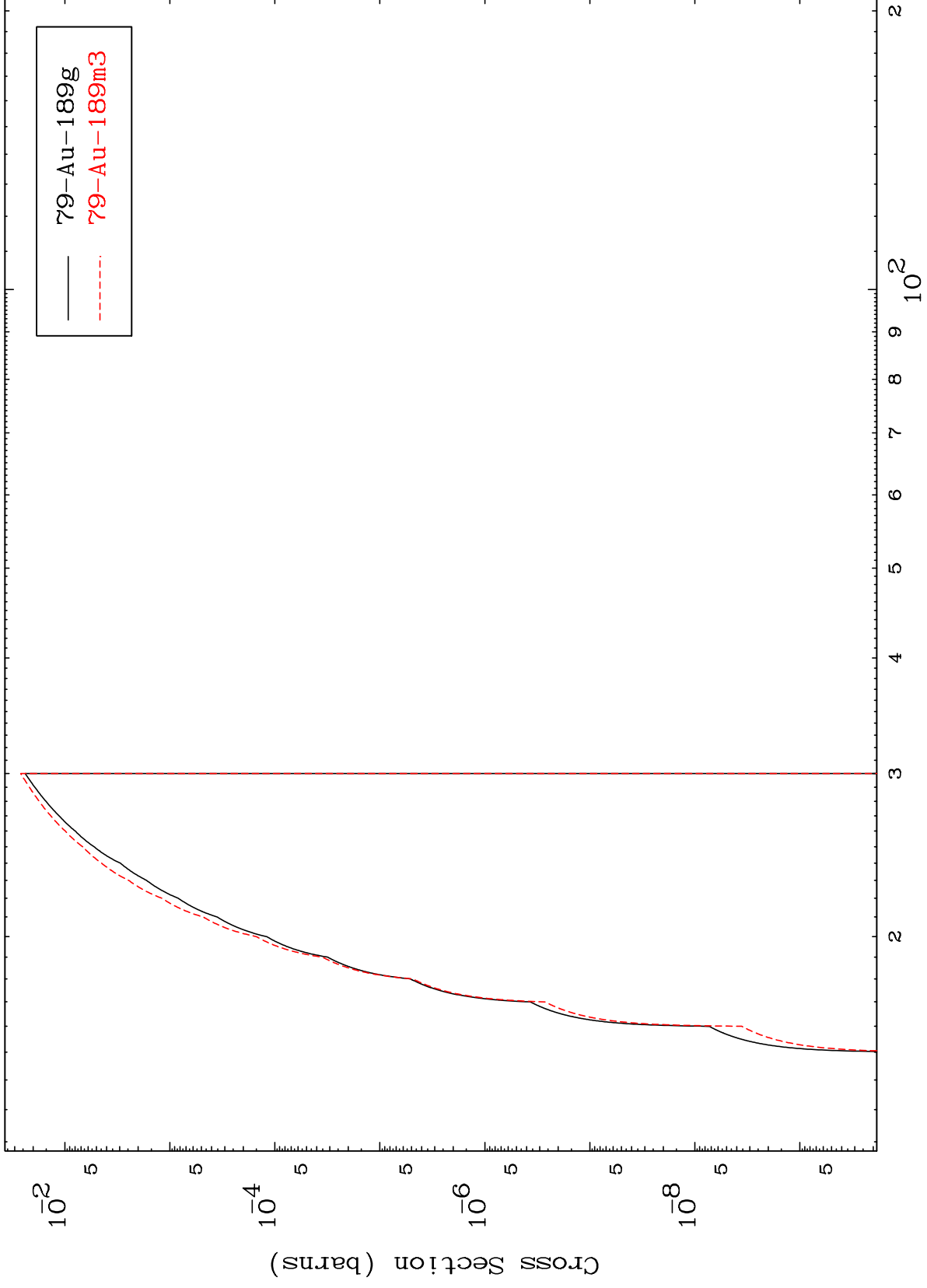


Incident Energy (MeV)

80-Hg-191

24

Radionuclide Production Cross Section

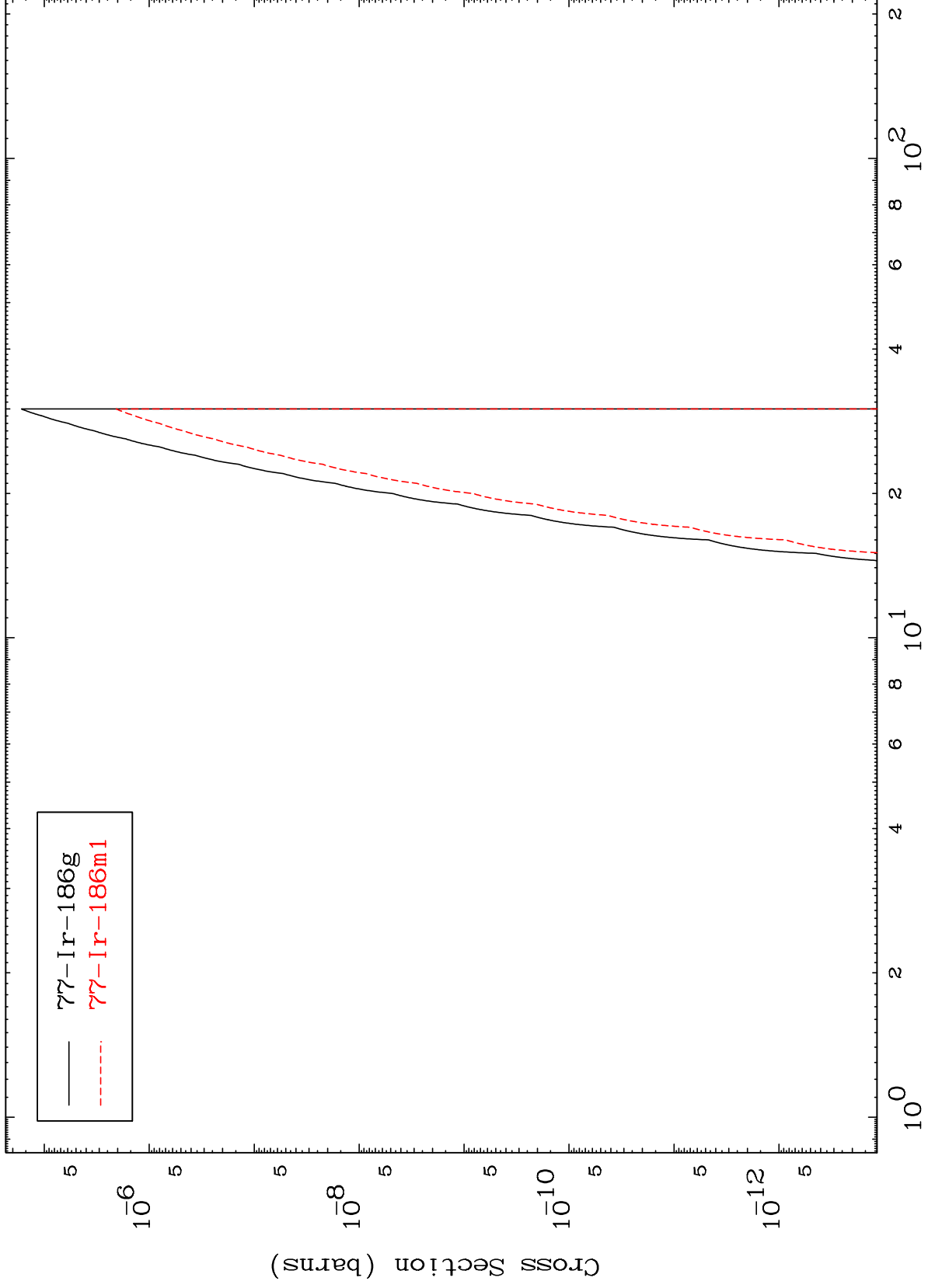


MAT 8011

(n,n') p  $\alpha$

80-Hg-191

Radionuclide Production Cross Section



—  $^{186}\text{gIr}$   
- - -  $^{186}\text{m1Ir}$

26

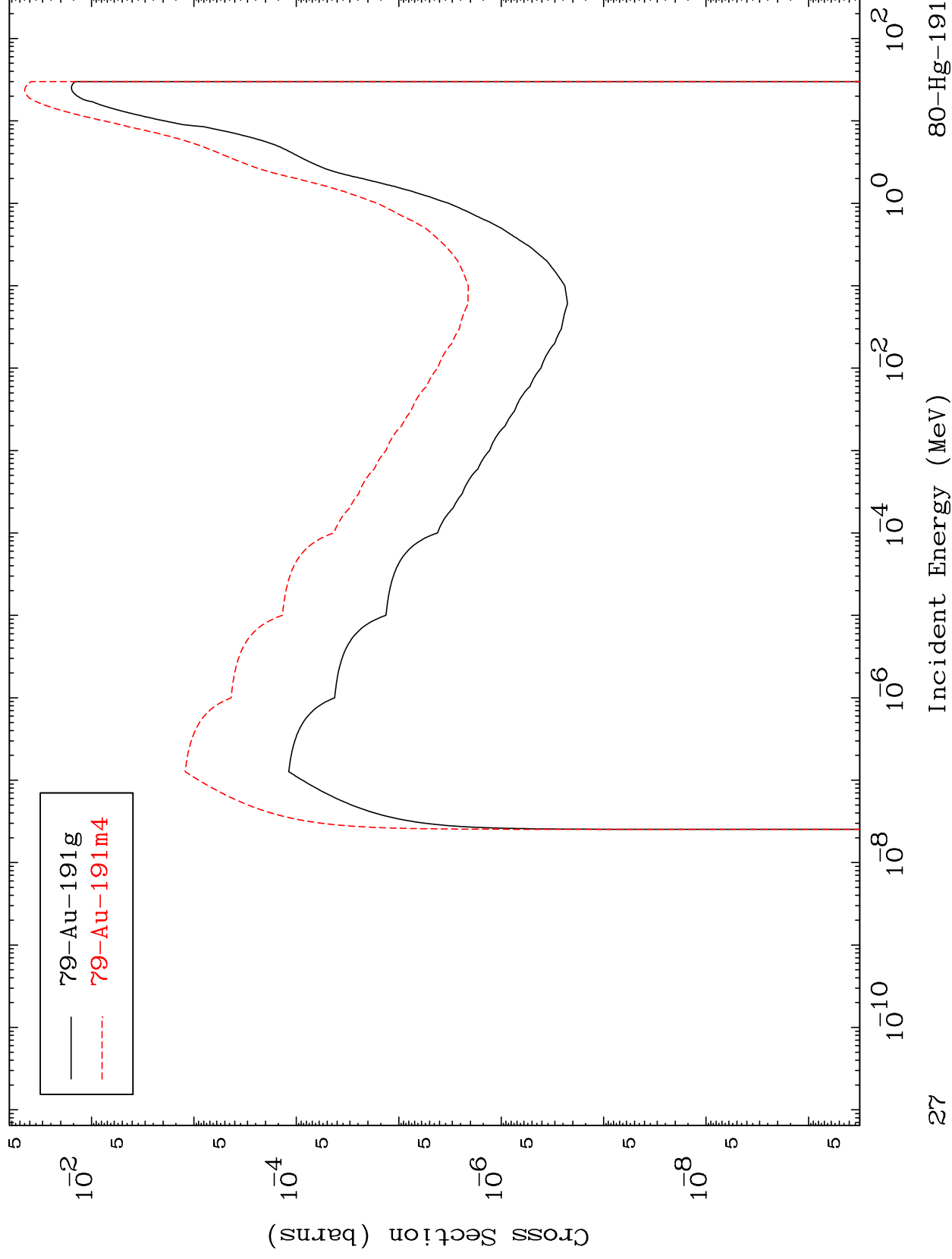
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

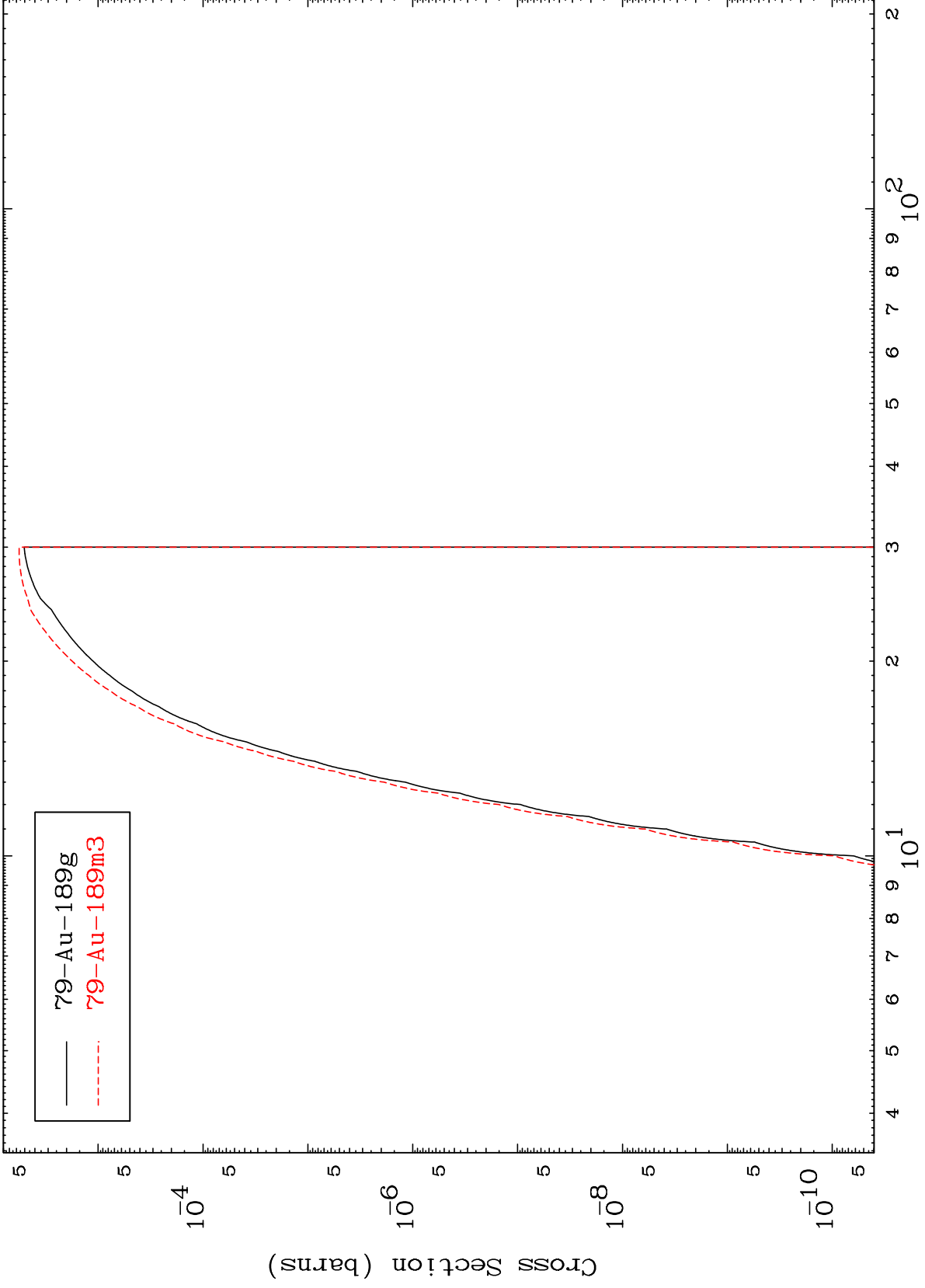
(n,p)  
Radionuclide Production Cross Section



MAT 8011

80-Hg-191

(n, t)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

80-Hg-191

MAT 8011

(n,d)  $\alpha$

80-Hg-191

Radionuclide Production Cross Section

