

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](mailto:redcullen1@comcast.net)

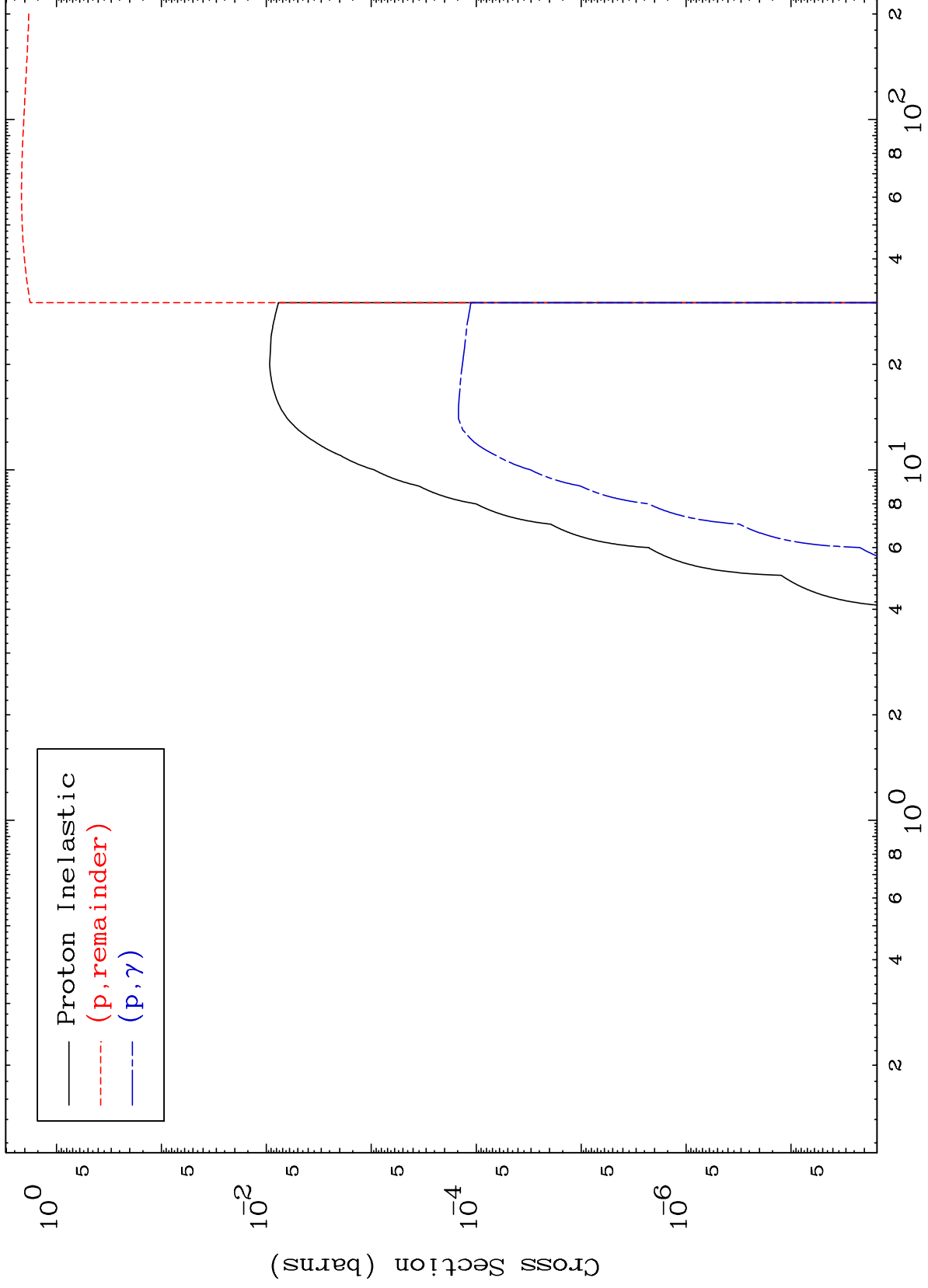
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

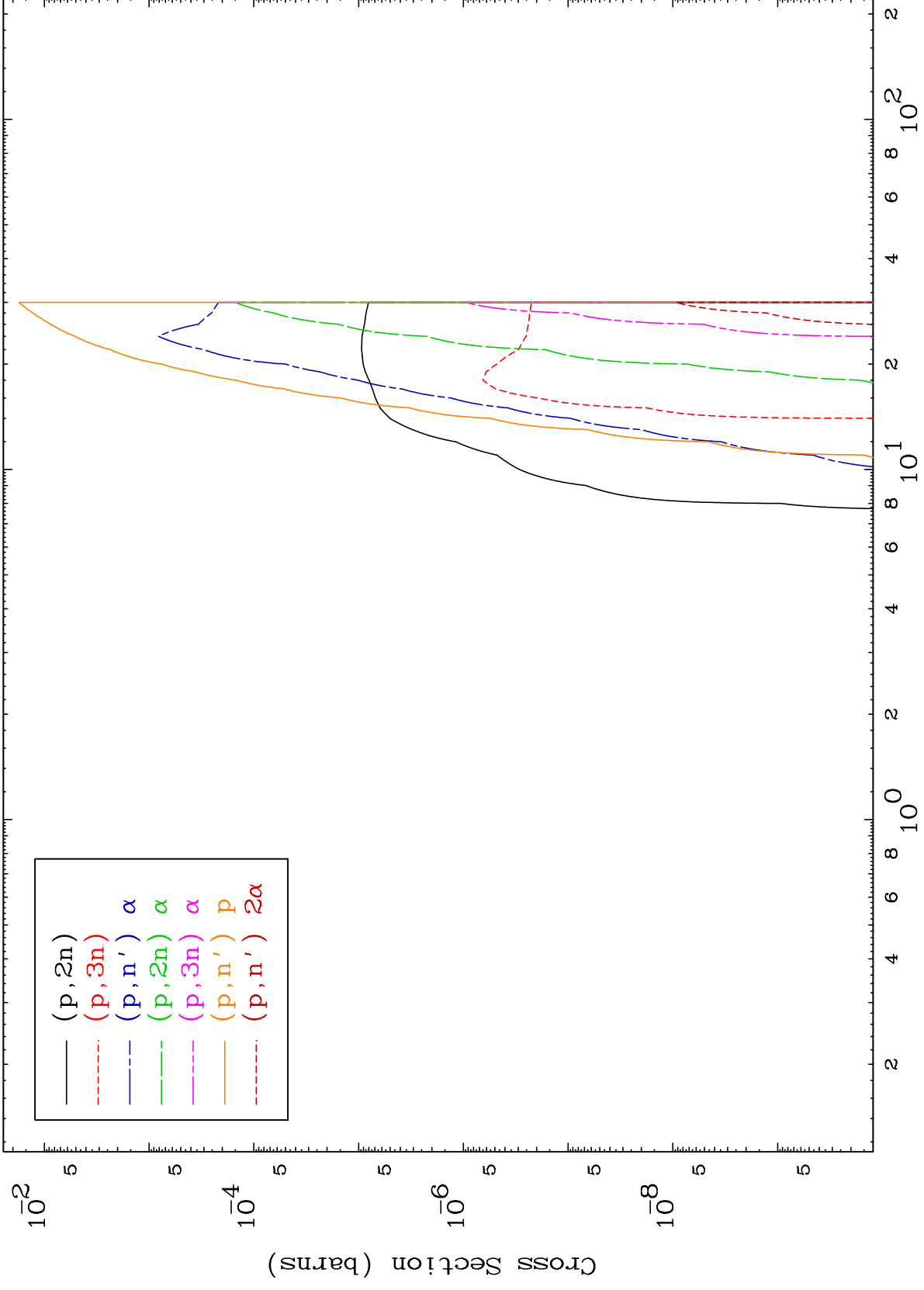
Press Mouse Button to Start

MAT 9343

Proton Major  
0 Kelvin Cross Sections

93-Np-236

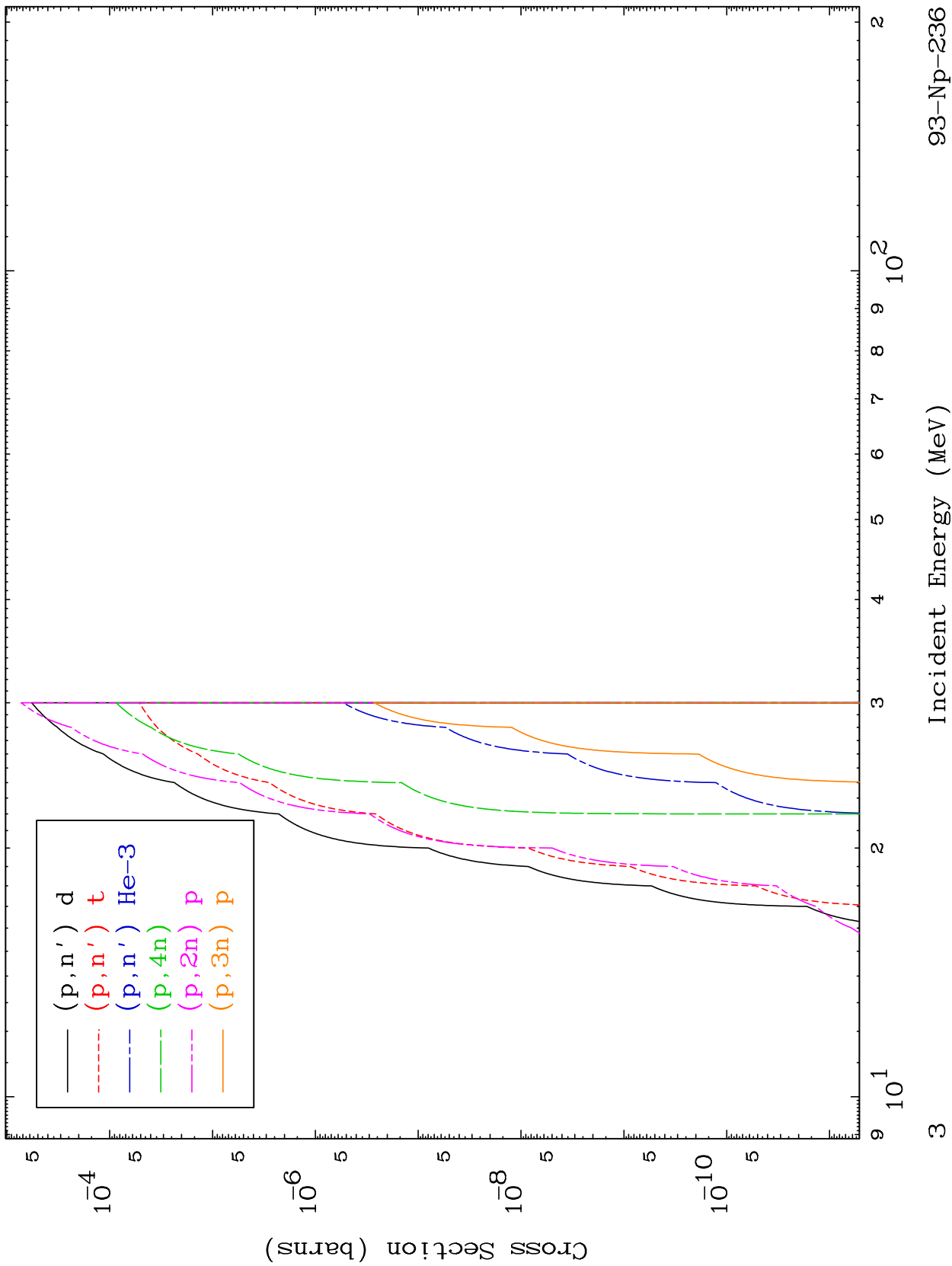




MAT 9343

Proton Neutron Production  
0 Kelvin Cross Sections

93-Np-236



93-Np-236

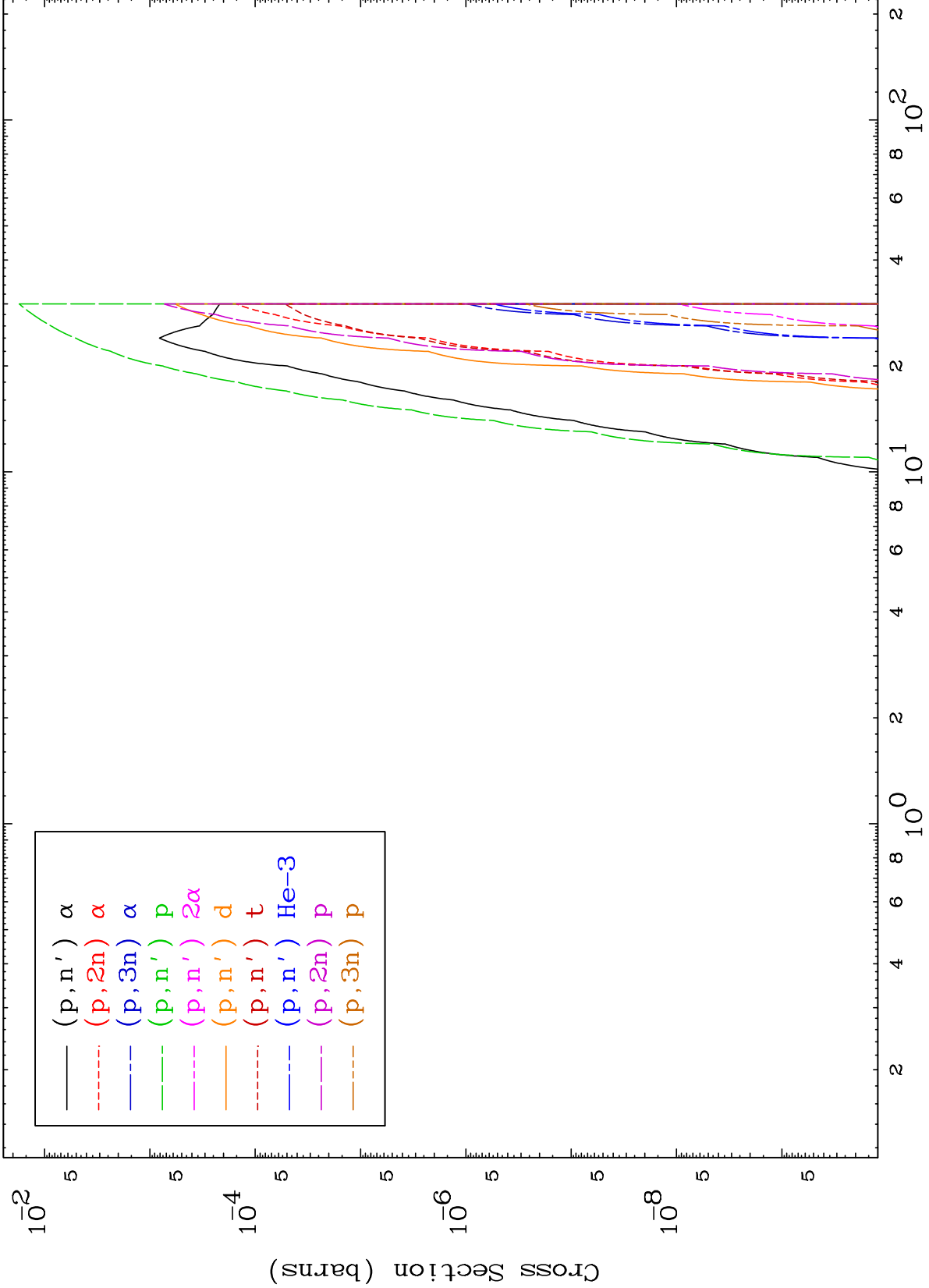
Incident Energy (MeV)

3

MAT 9343

Proton Charged Particle  
0 Kelvin Cross Sections

93-Np-236



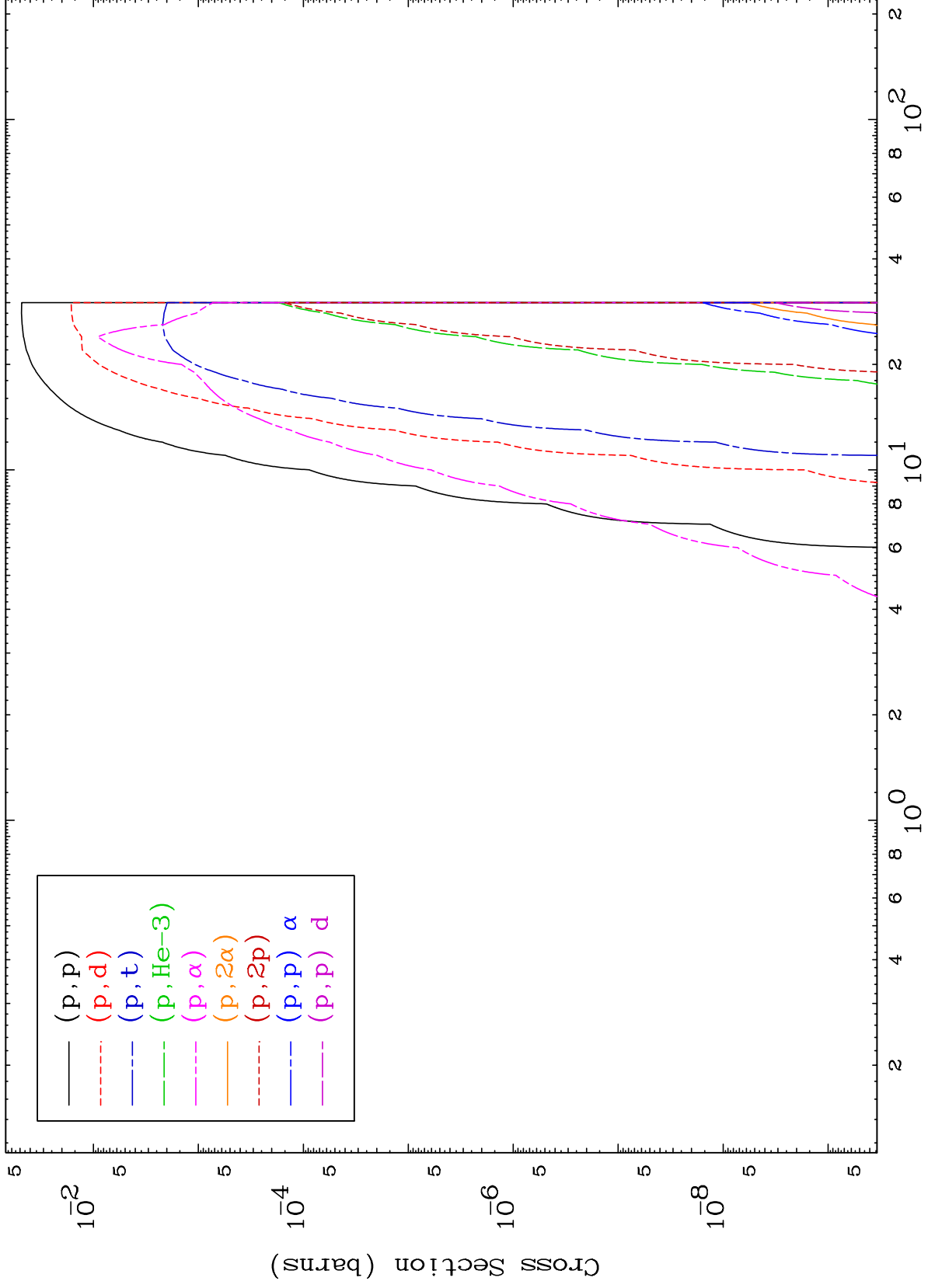
Incident Energy (MeV)

93-Np-236

MAT 9343

Proton Charged Particle  
0 Kelvin Cross Sections

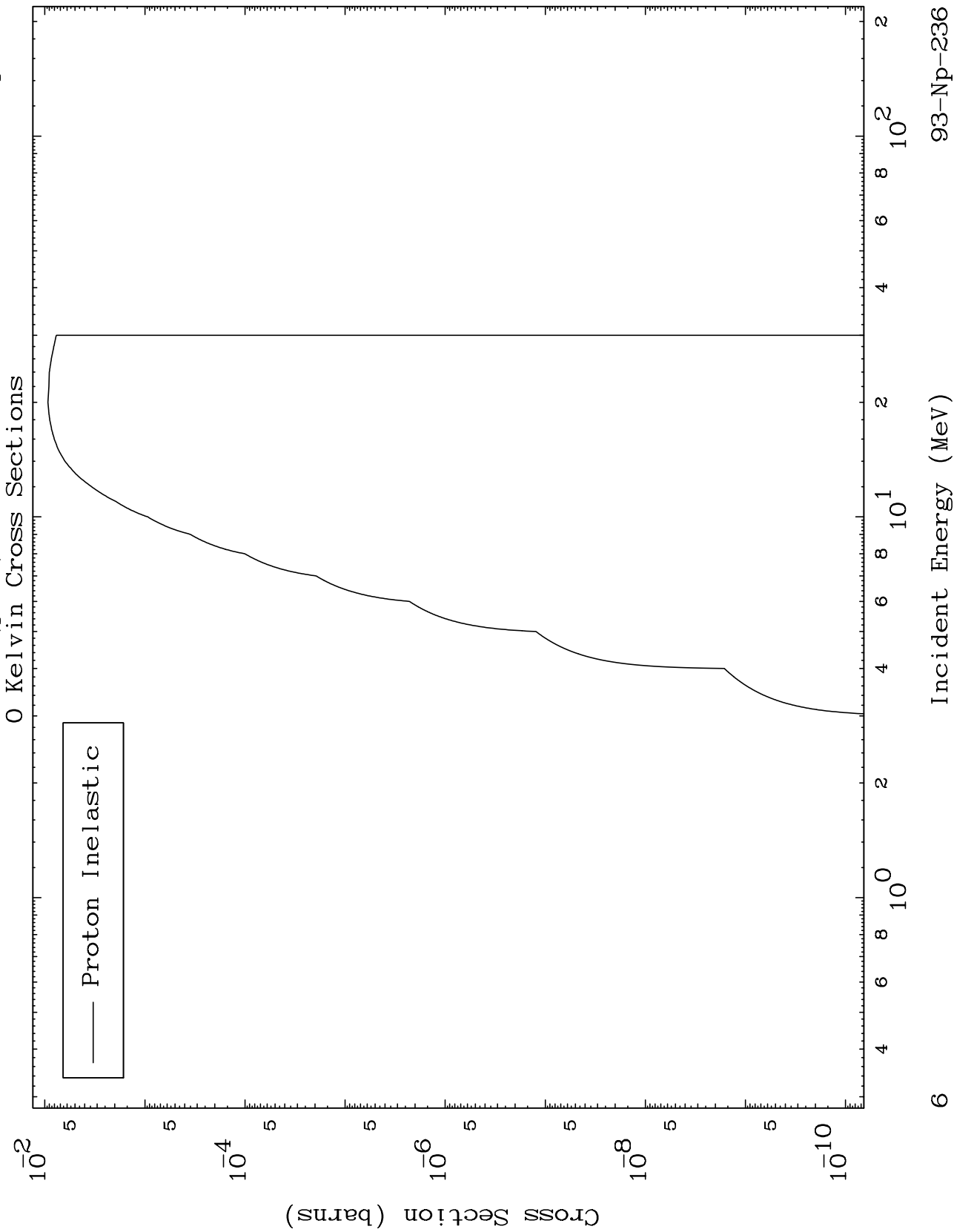
93-Np-236



MAT 9343

(p,n') Level

93-Np-236



6

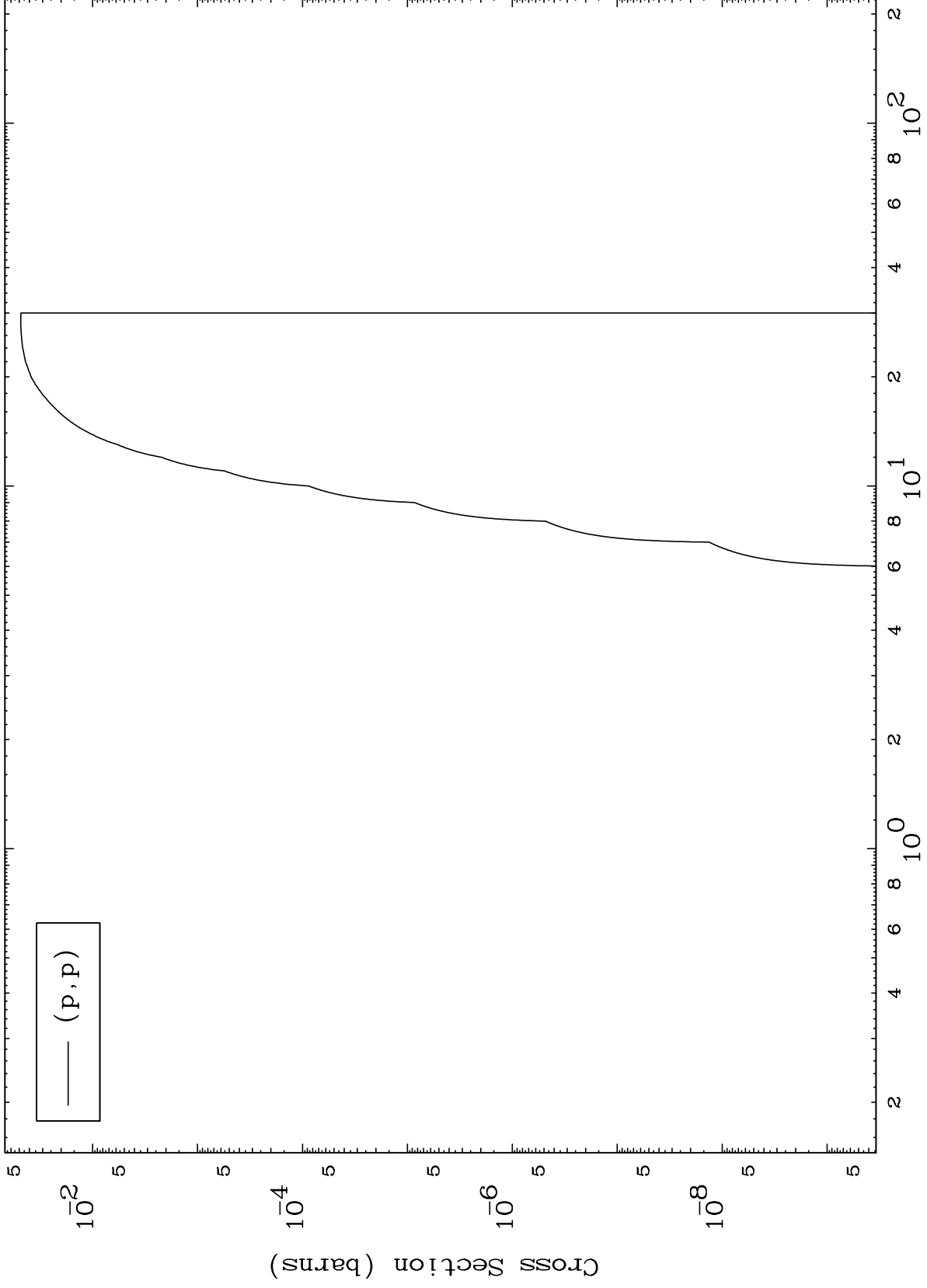
Incident Energy (MeV)

93-Np-236

MAT 9343

(p,p) Levels  
0 Kelvin Cross Sections

93-Np-236

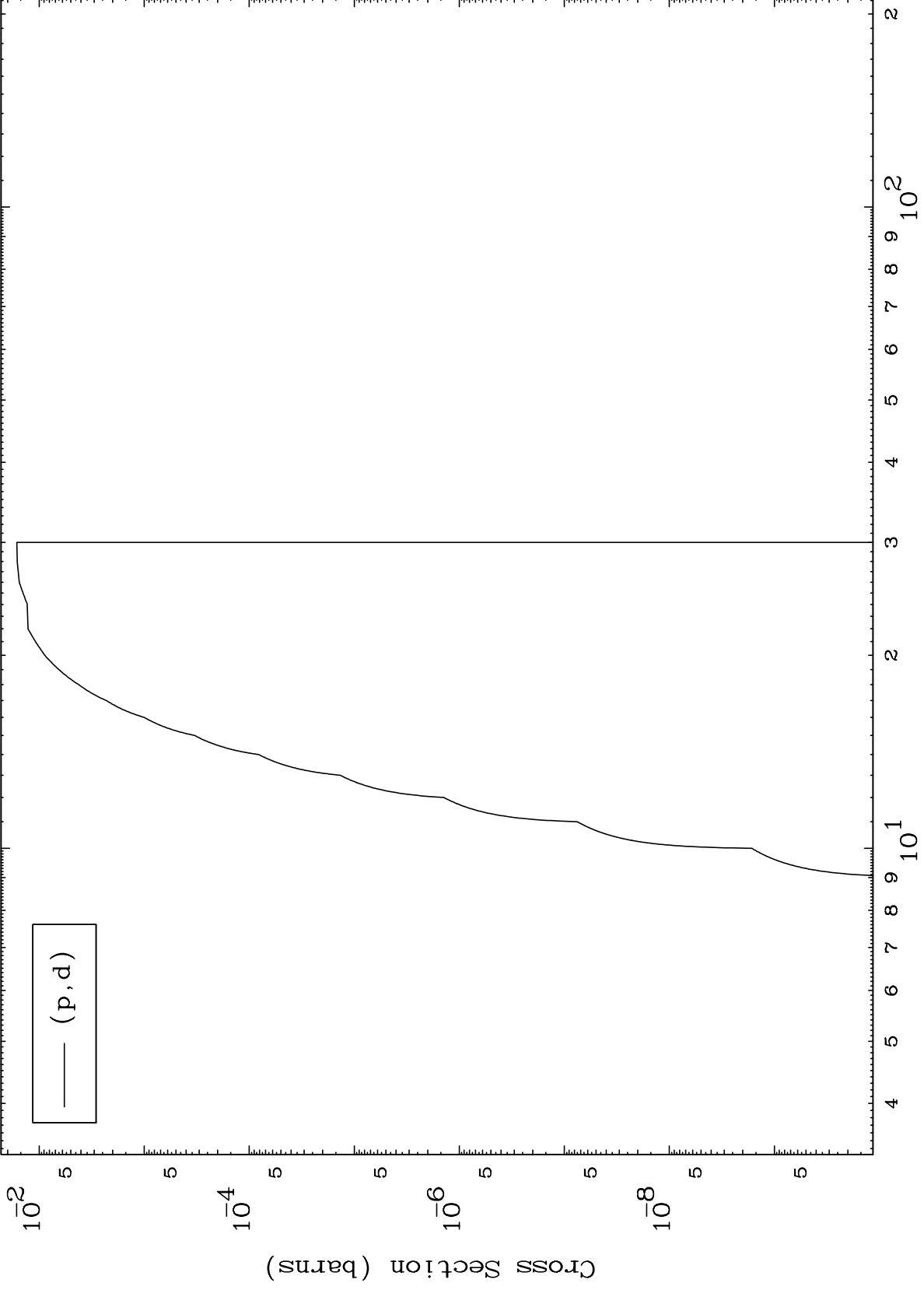


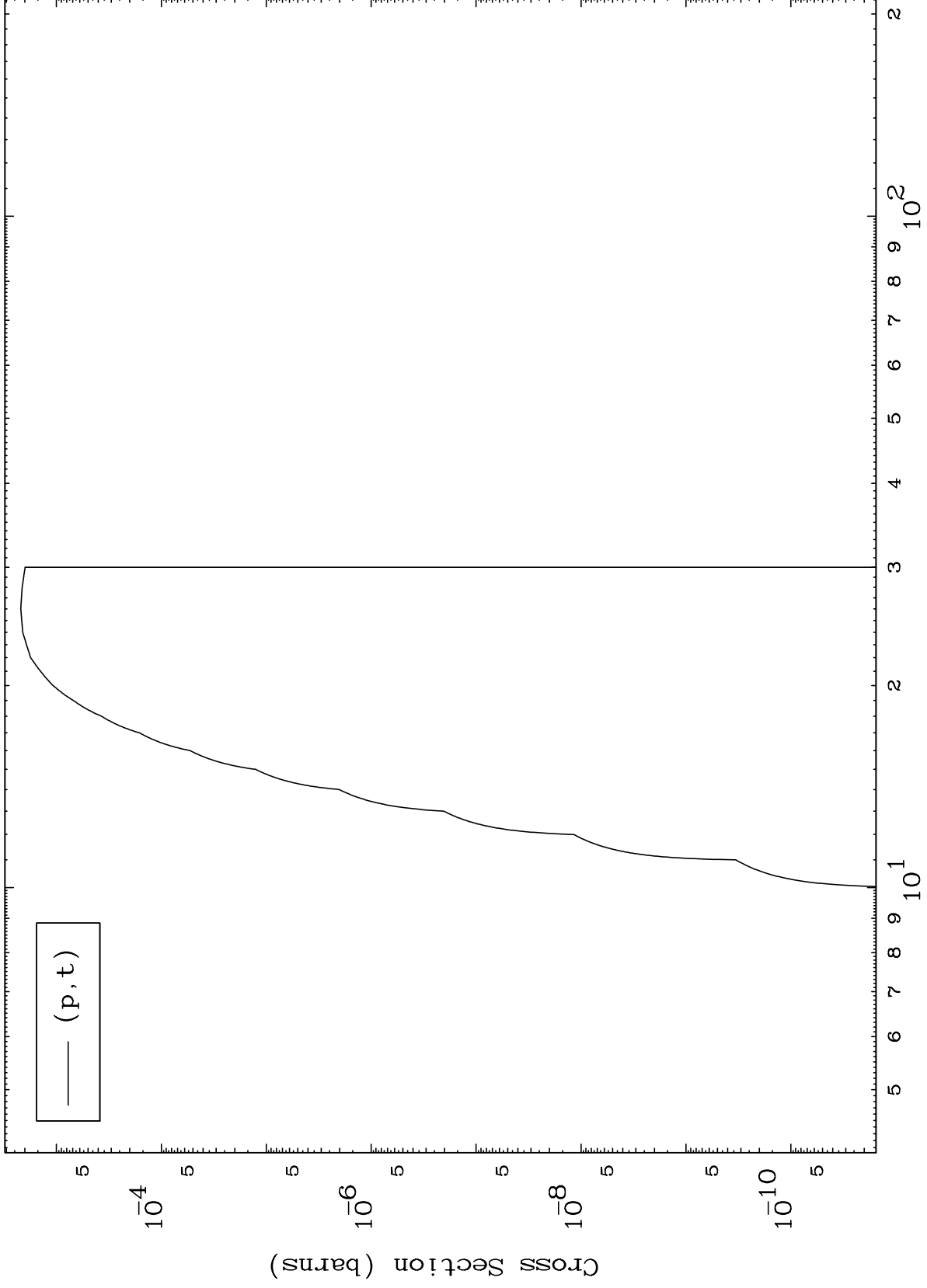


MAT 9343

(p,d) Levels  
0 Kelvin Cross Sections

93-Np-236

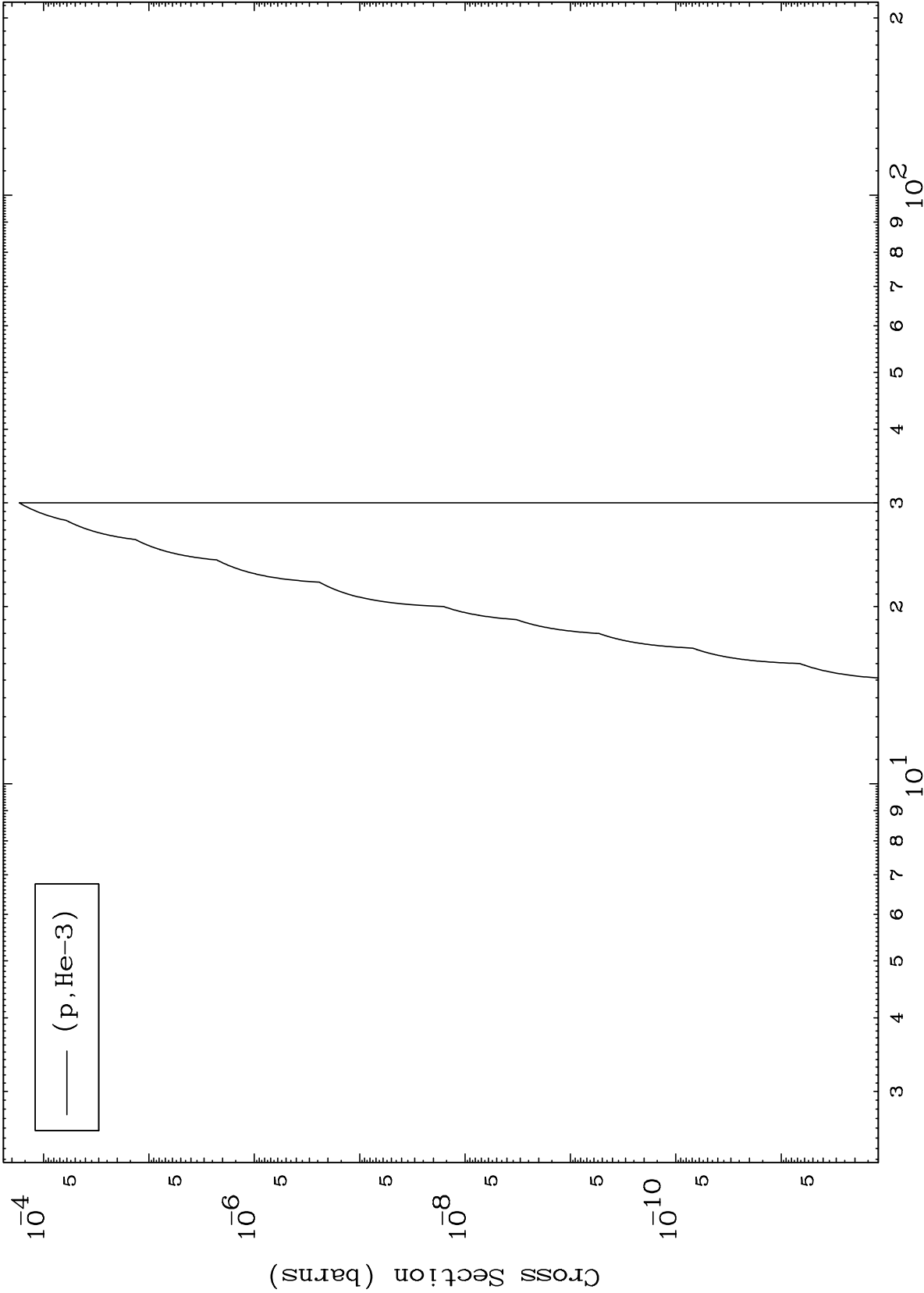




MAT 9343

93-Np-236

(p,He3) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

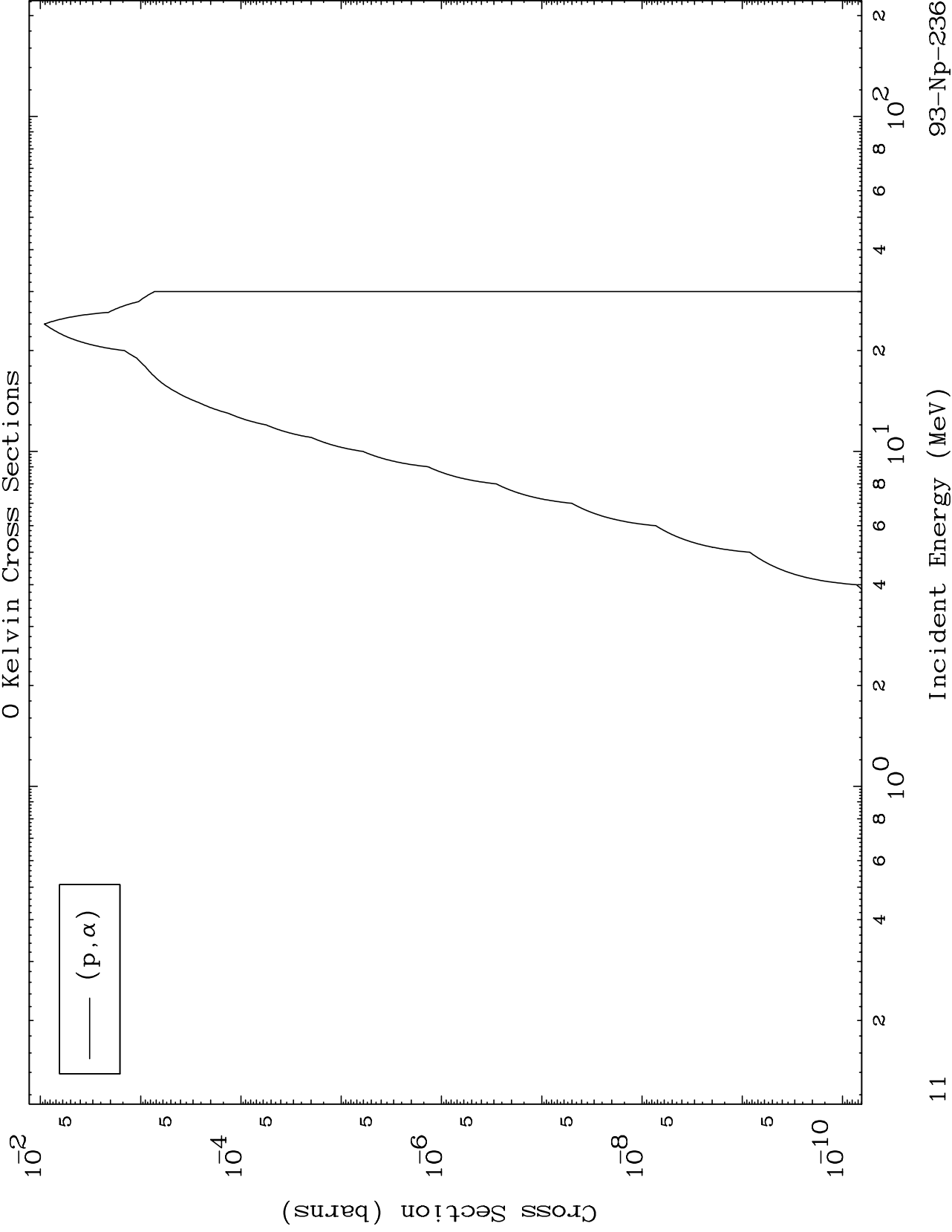
93-Np-236

MAT 9343

(p,  $\alpha$ ) Levels

93-Np-236

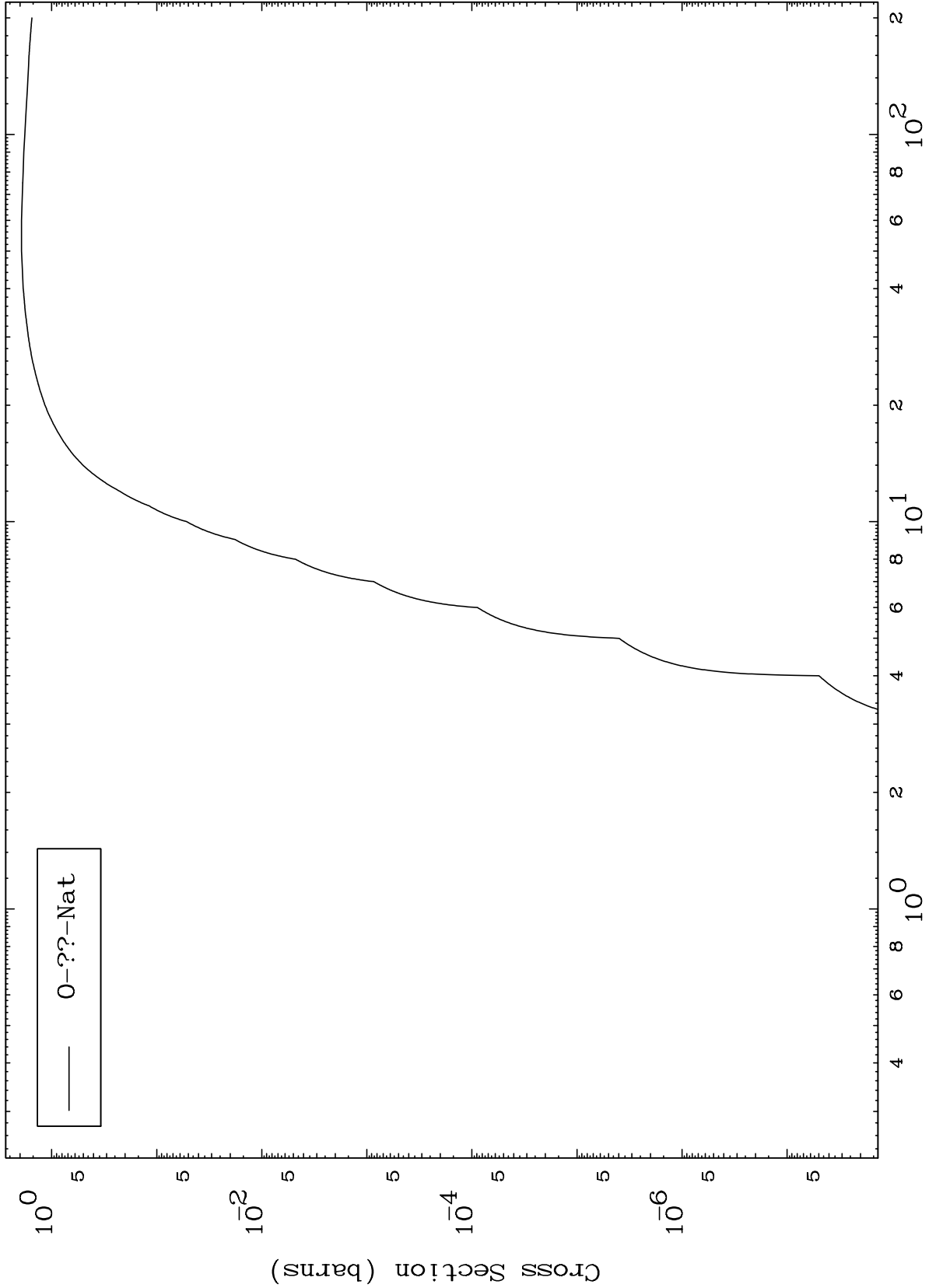
0 Kelvin Cross Sections



MAT 9343

93-Np-236

Proton Fission  
Radionuclide Production Cross Section



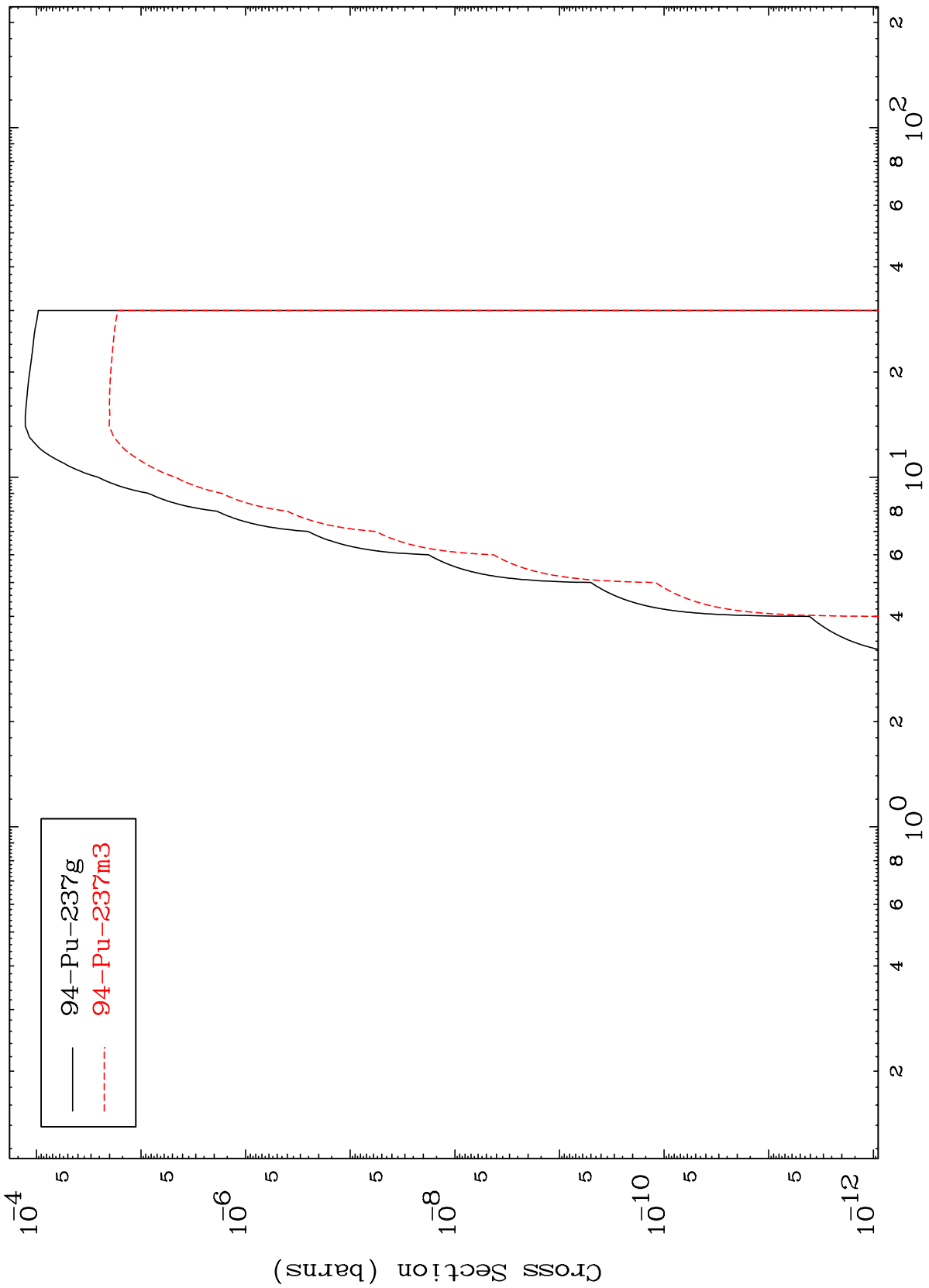
93-Np-236

Incident Energy (MeV)

MAT 9343

93-Np-236

(p,  $\gamma$ )  
Radionuclide Production Cross Section



94-Pu-237g  
94-Pu-237m3

93-Np-236

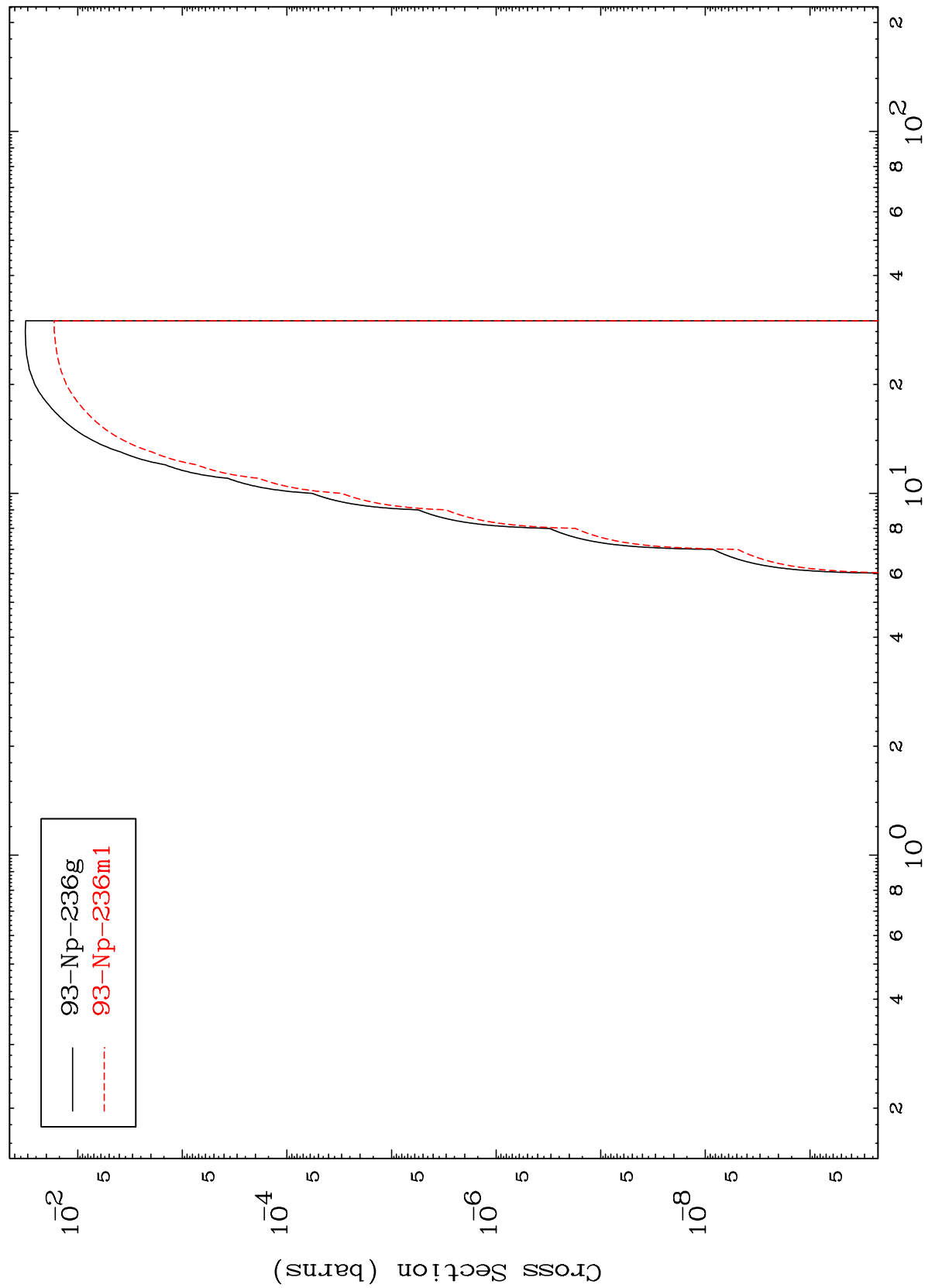
Incident Energy (MeV)

13

MAT 9343

93-Np-236

(p,p)  
Radionuclide Production Cross Section



93-Np-236

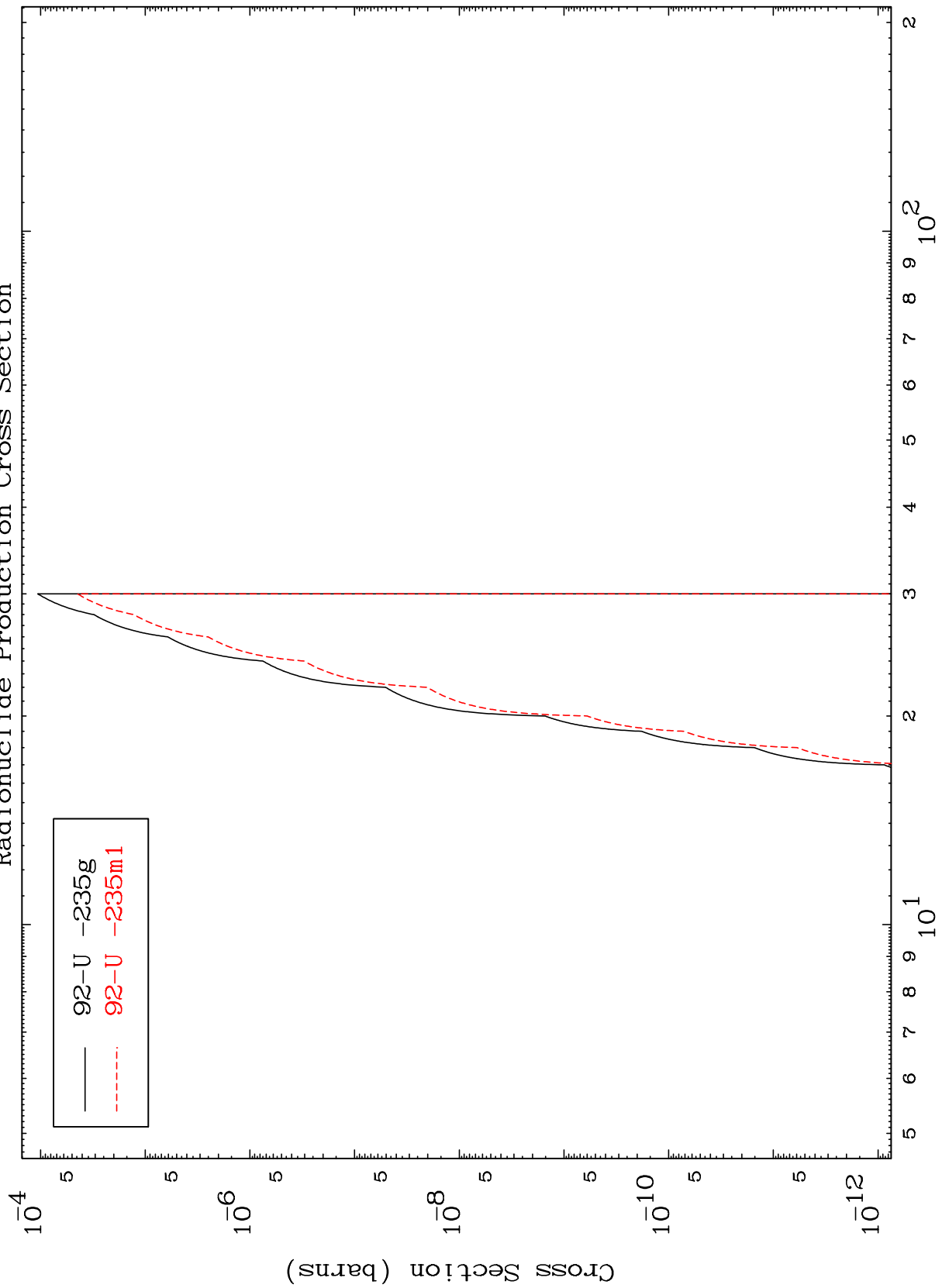
Incident Energy (MeV)

14

MAT 9343

93-Np-236

(p,2p)  
Radionuclide Production Cross Section



92-U -235g  
92-U -235m1

93-Np-236

Incident Energy (MeV)

15