

Program EVALPLOT  
(Version 2021-1)

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

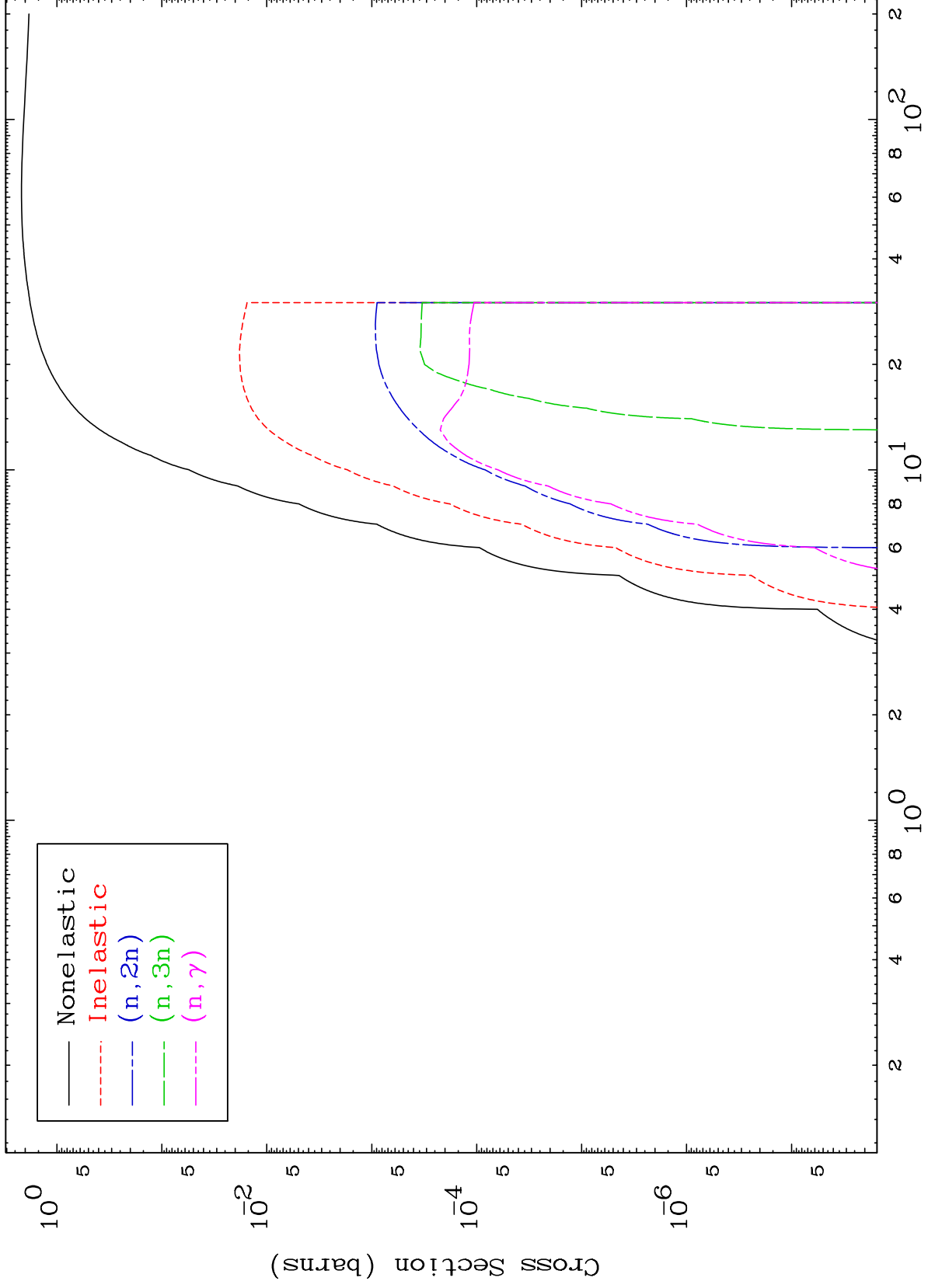
Web:redcullen1.net/HOMEPAGE.NEW

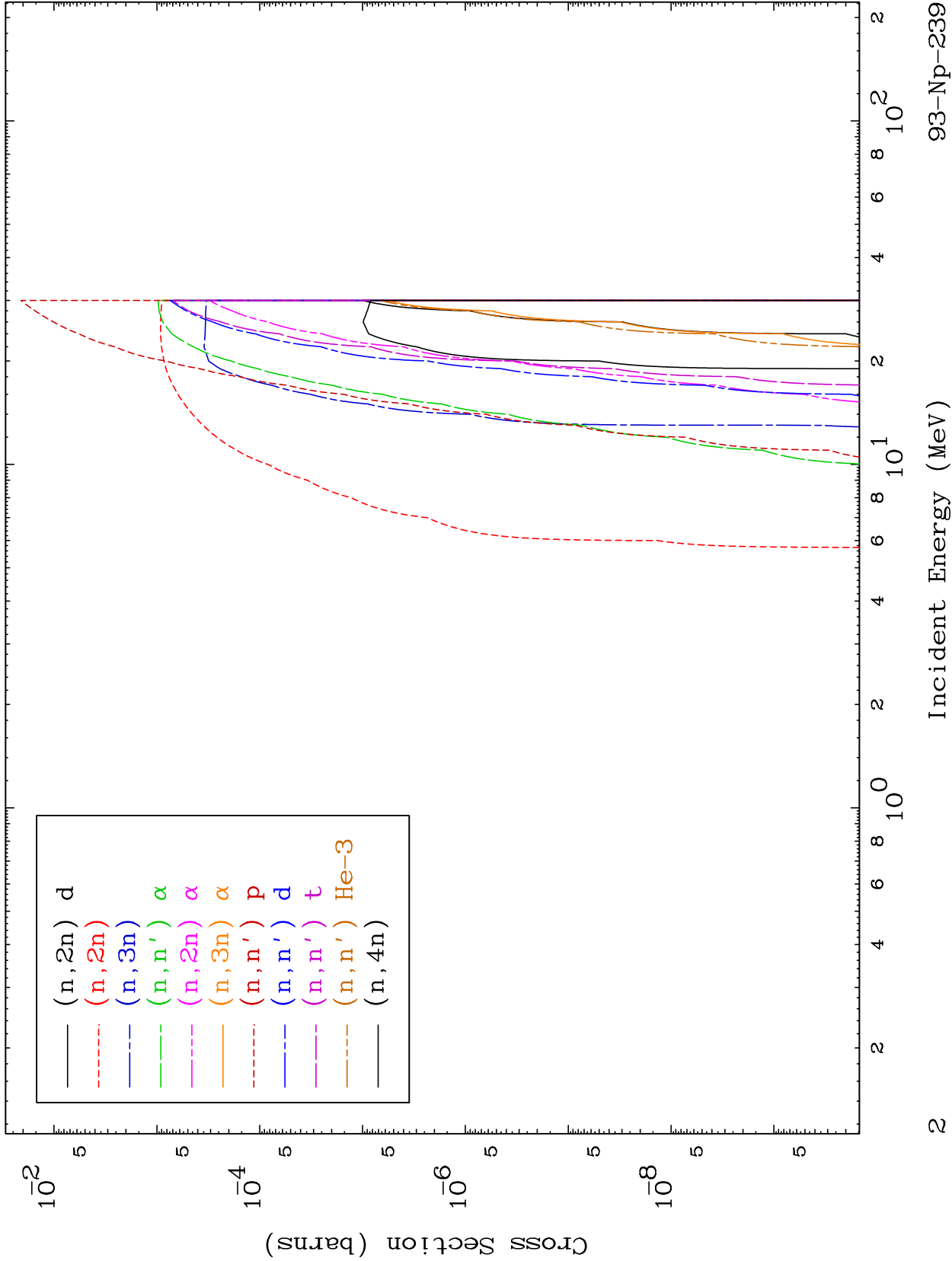
Press Mouse Button to Start

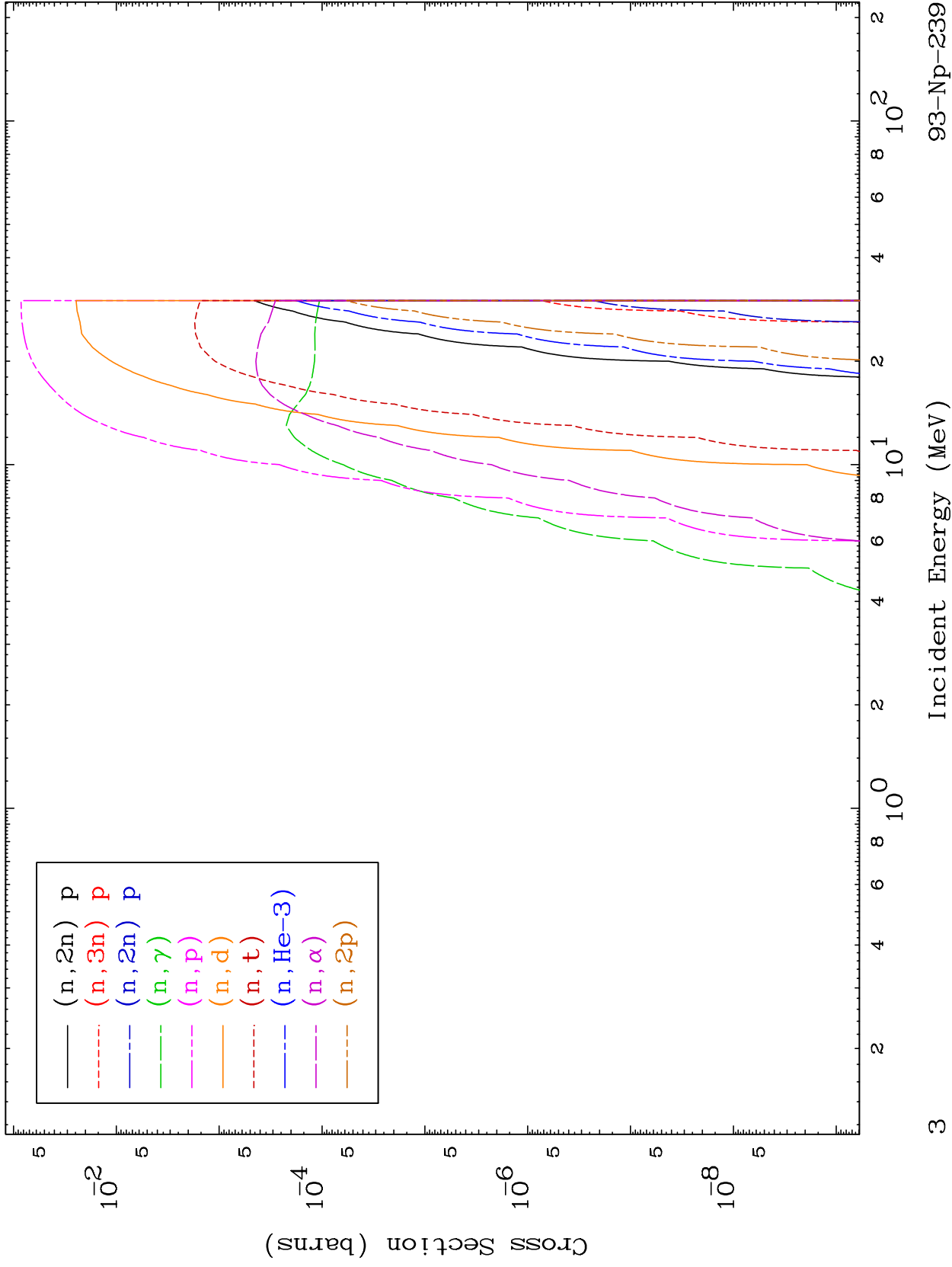
MAT 9352

Proton Major  
0 Kelvin Cross Sections

93-Np-239



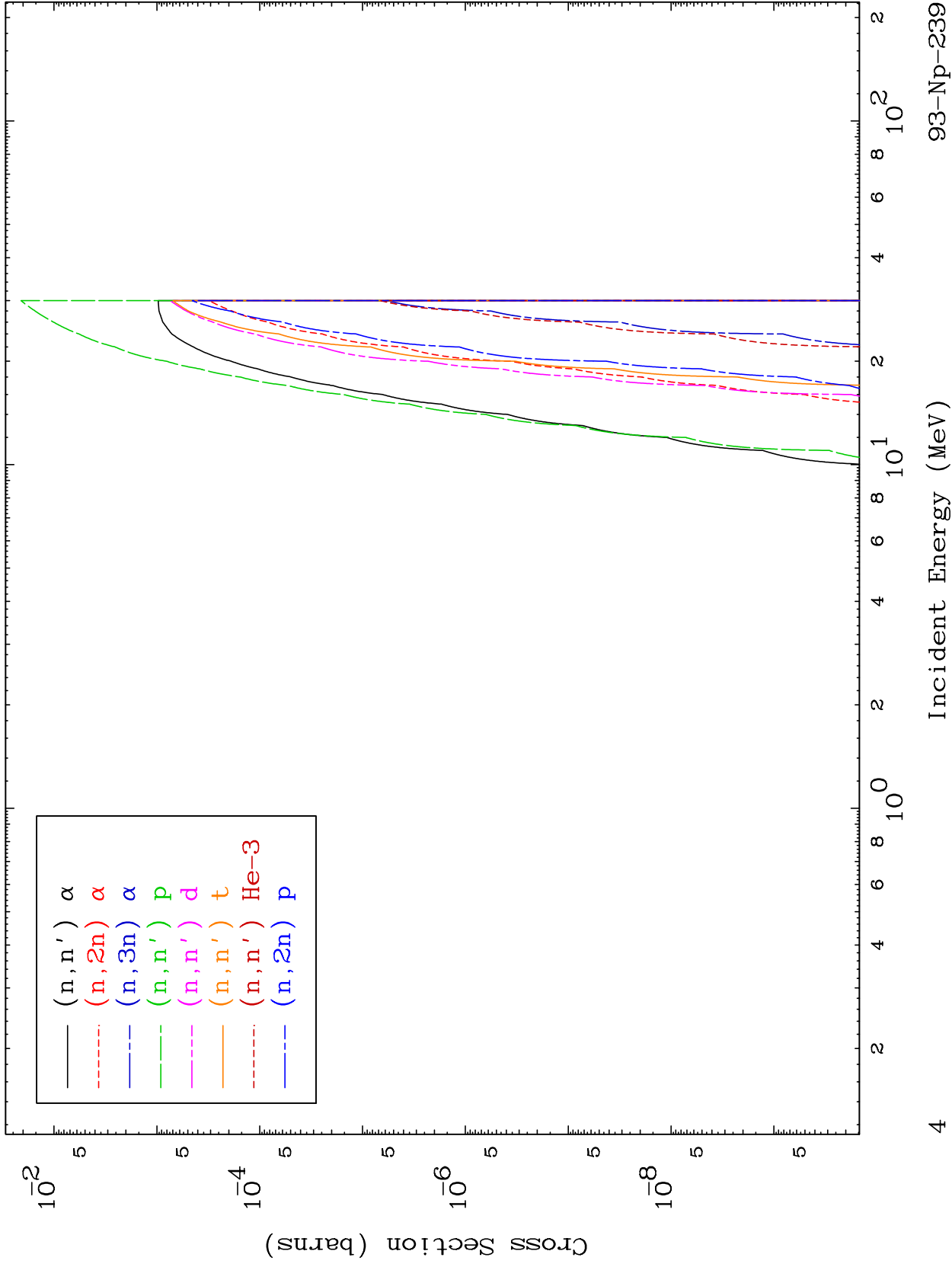




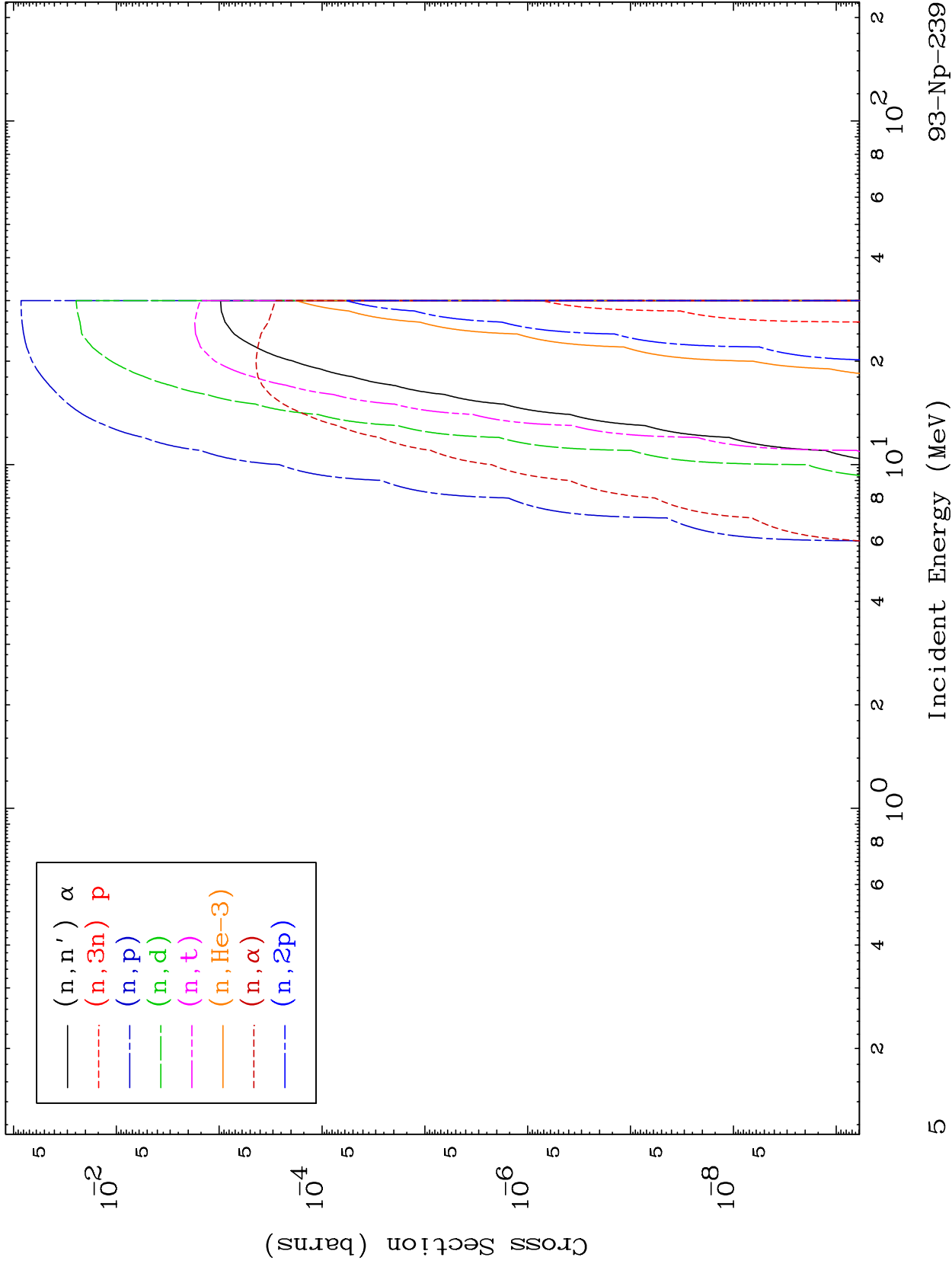
MAT 9352

Proton Charged Particle  
0 Kelvin Cross Sections

93-Np-239



93-Np-239

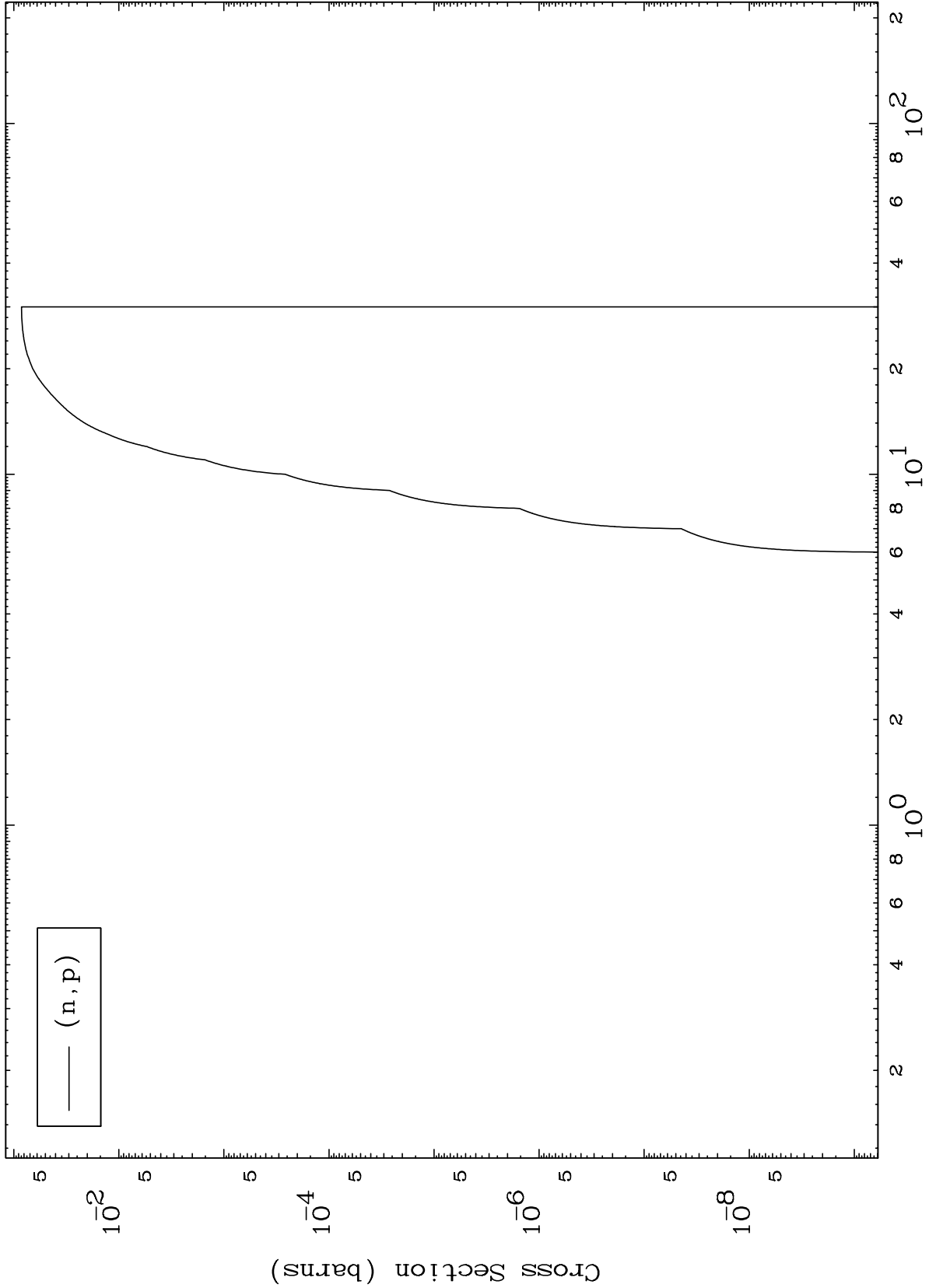


MAT 9352

(p,p) Levels

93-Np-239

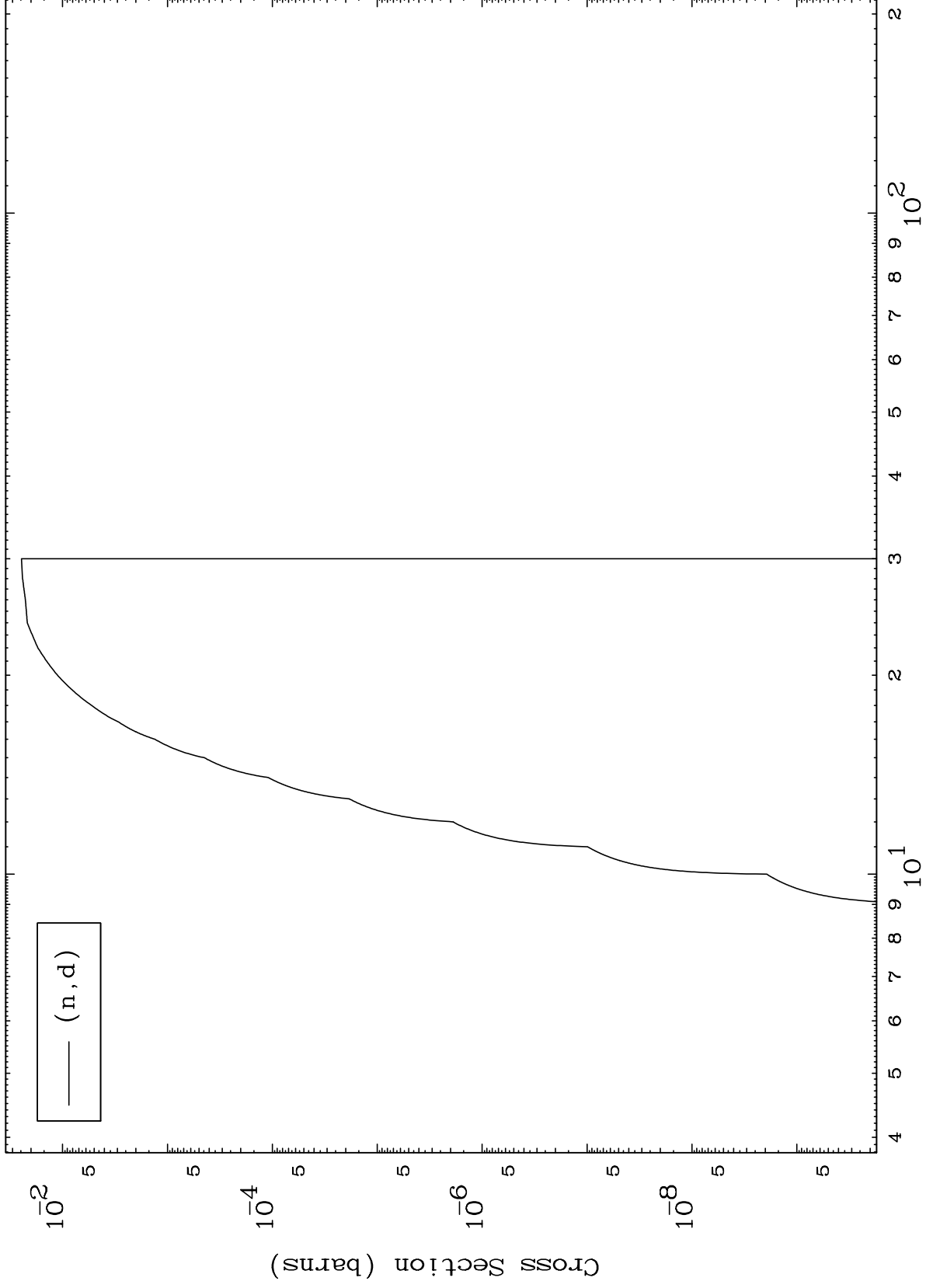
0 Kelvin Cross Sections



MAT 9352

(p,d) Levels  
0 Kelvin Cross Sections

93-Np-239



7

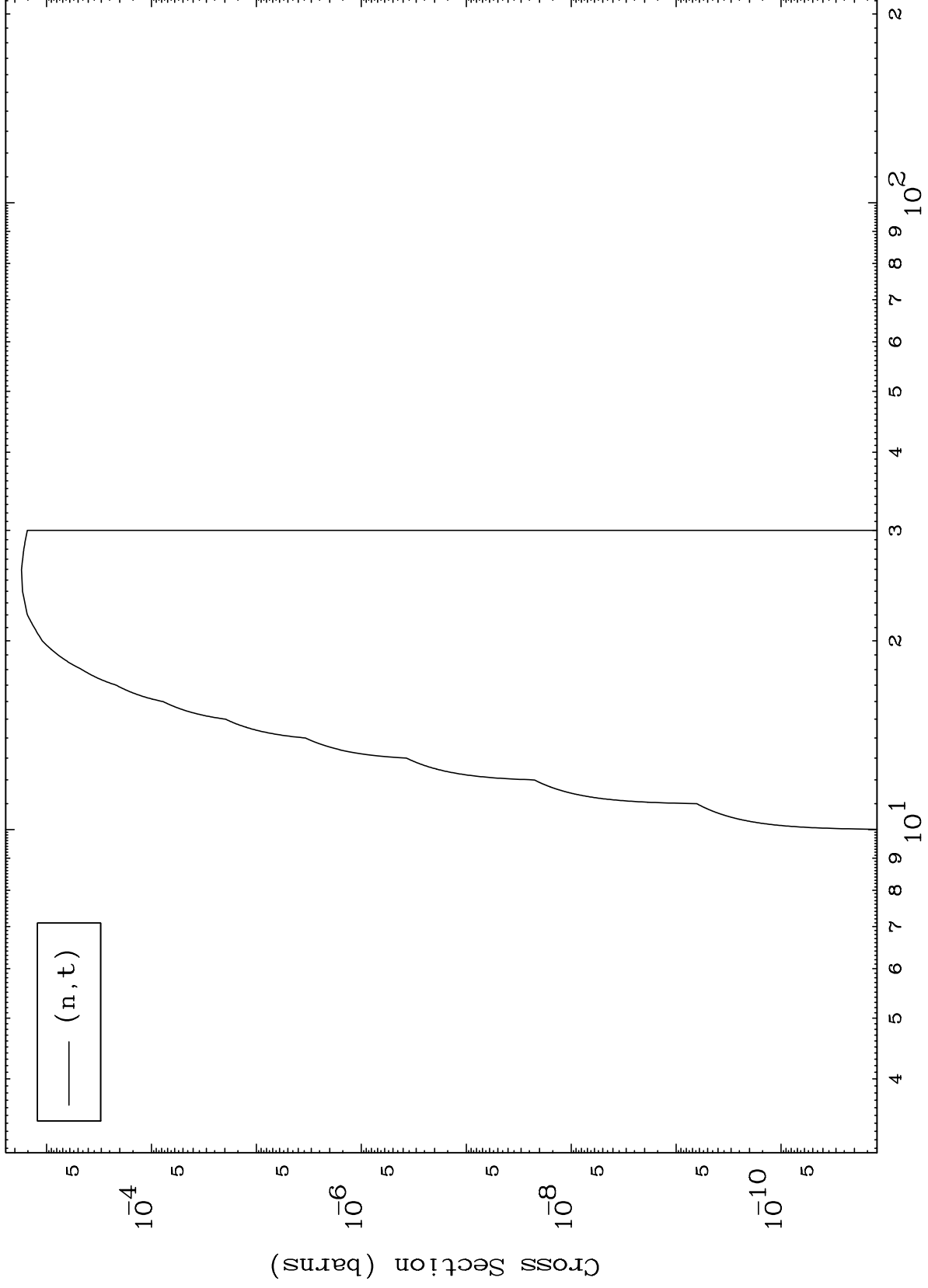
Incident Energy (MeV)

93-Np-239

MAT 9352

(p, t) Levels  
0 Kelvin Cross Sections

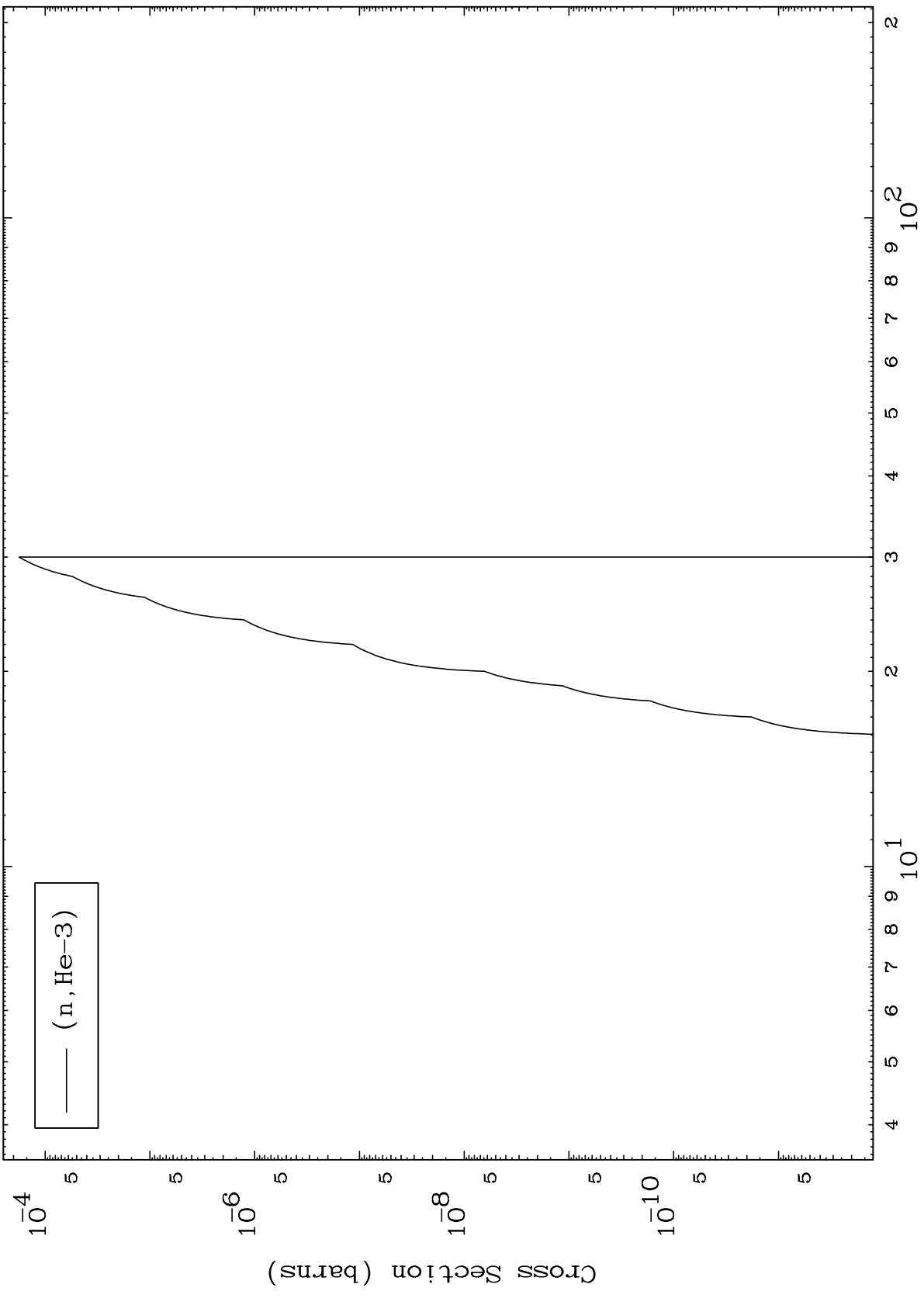
93-Np-239



MAT 9352

93-Np-239

(p,He3) Levels  
0 Kelvin Cross Sections

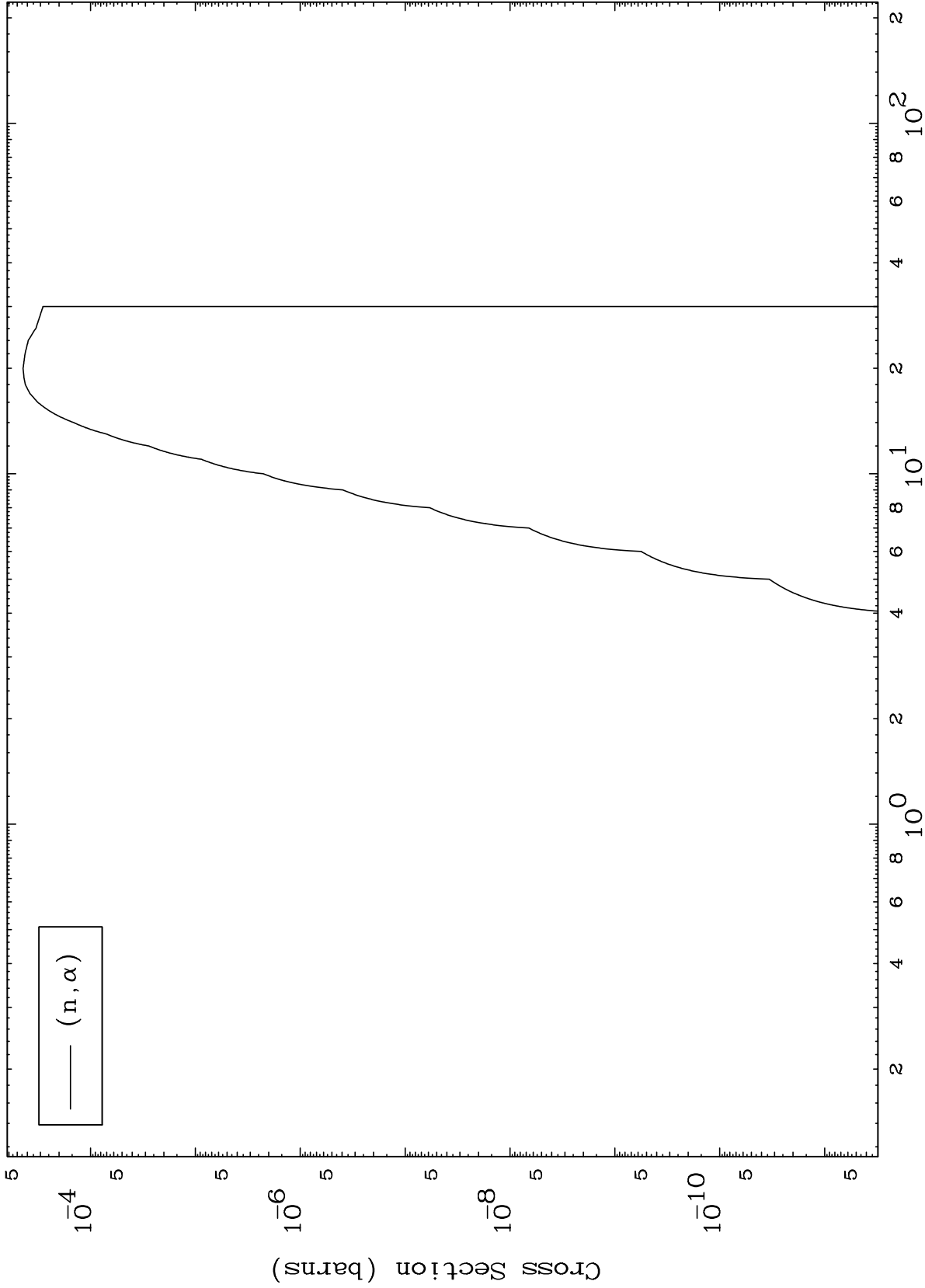


MAT 9352

(p,  $\alpha$ ) Levels

93-Np-239

0 Kelvin Cross Sections



10

Incident Energy (MeV)

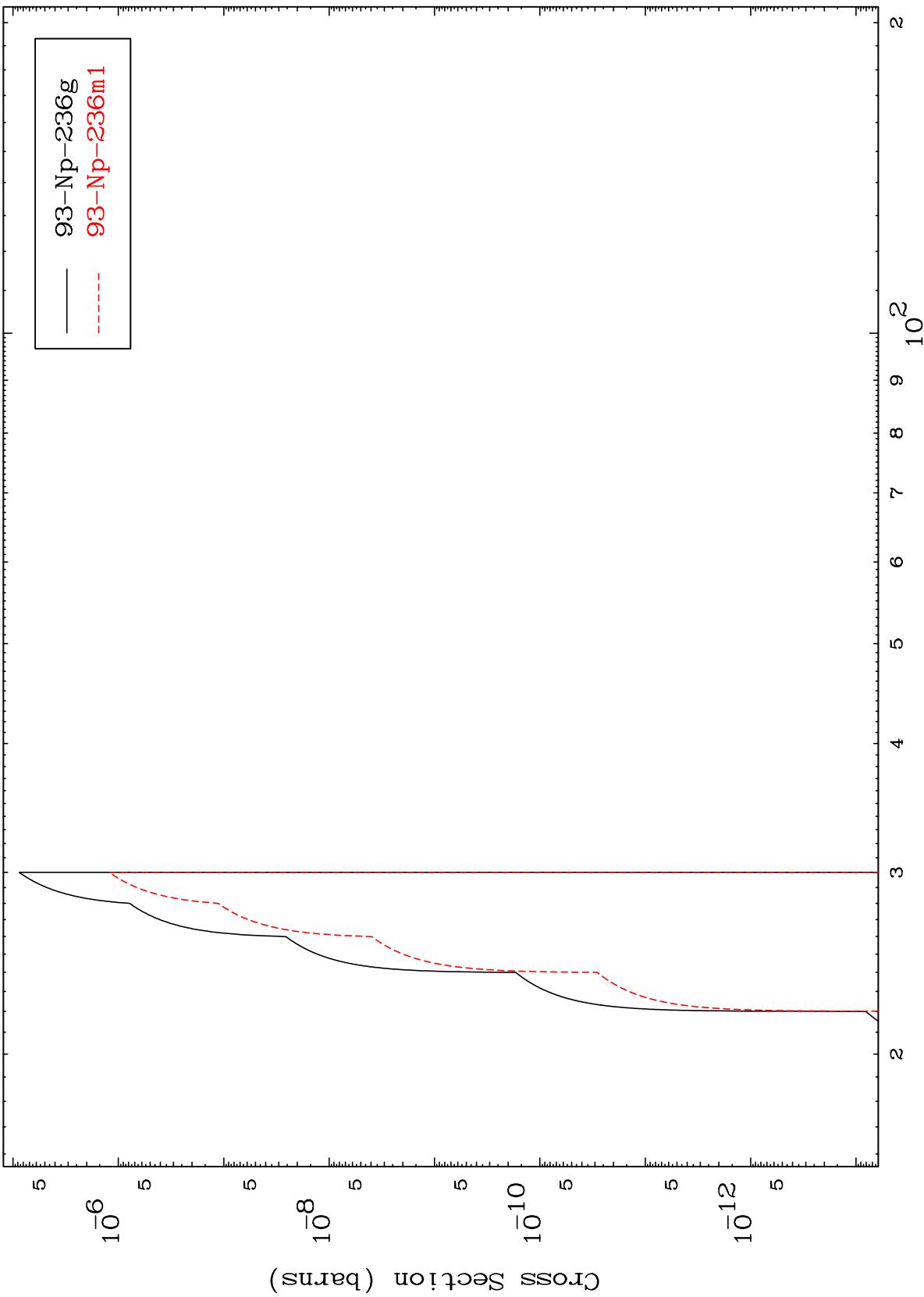
93-Np-239

MAT 9352

(n,2n) d

93-Np-239

Radionuclide Production Cross Section

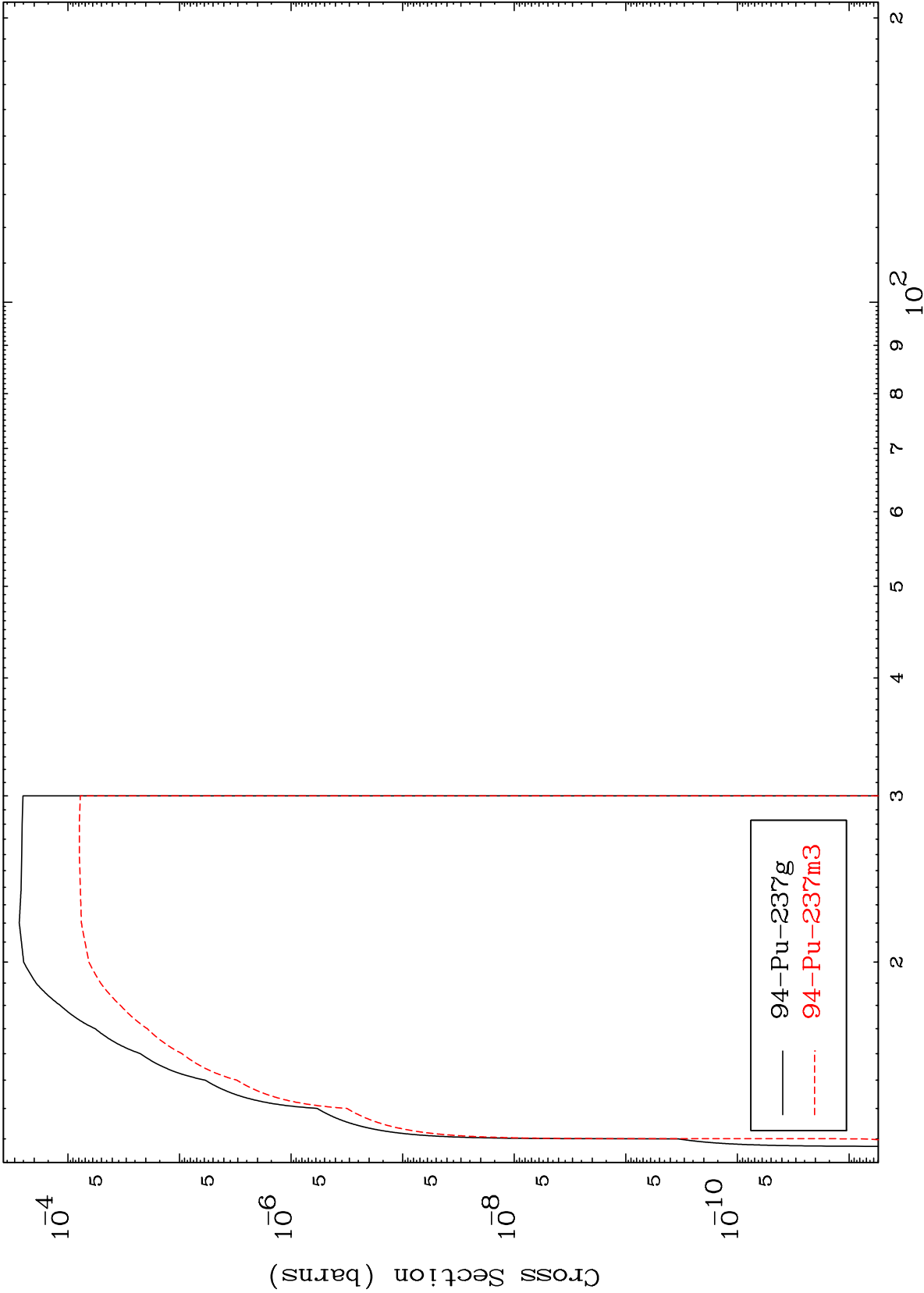


MAT 9352

(n,3n)

93-Np-239

Radionuclide Production Cross Section



12

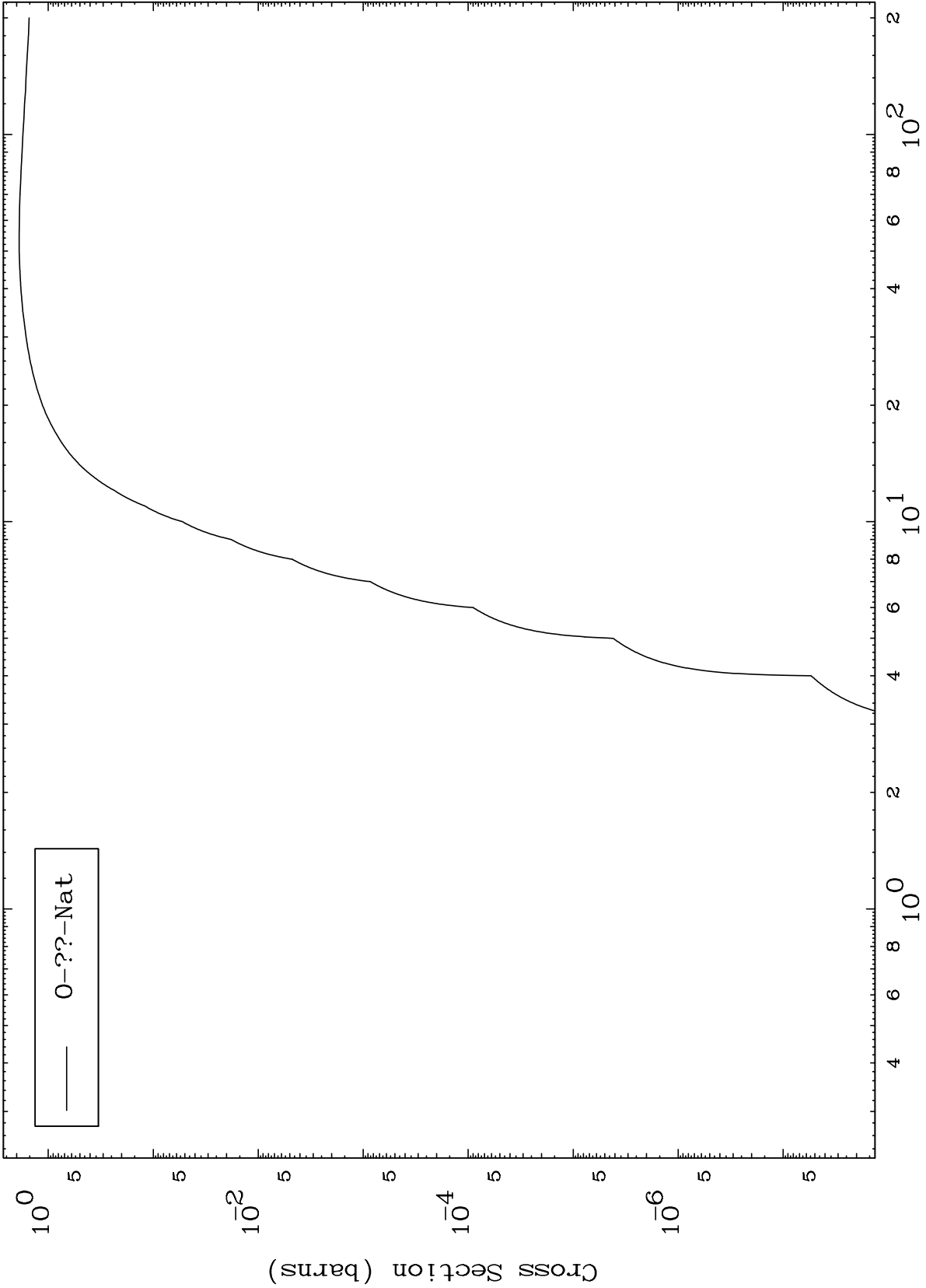
Incident Energy (MeV)

93-Np-239

MAT 9352

93-Np-239

Fission  
Radionuclide Production Cross Section



93-Np-239

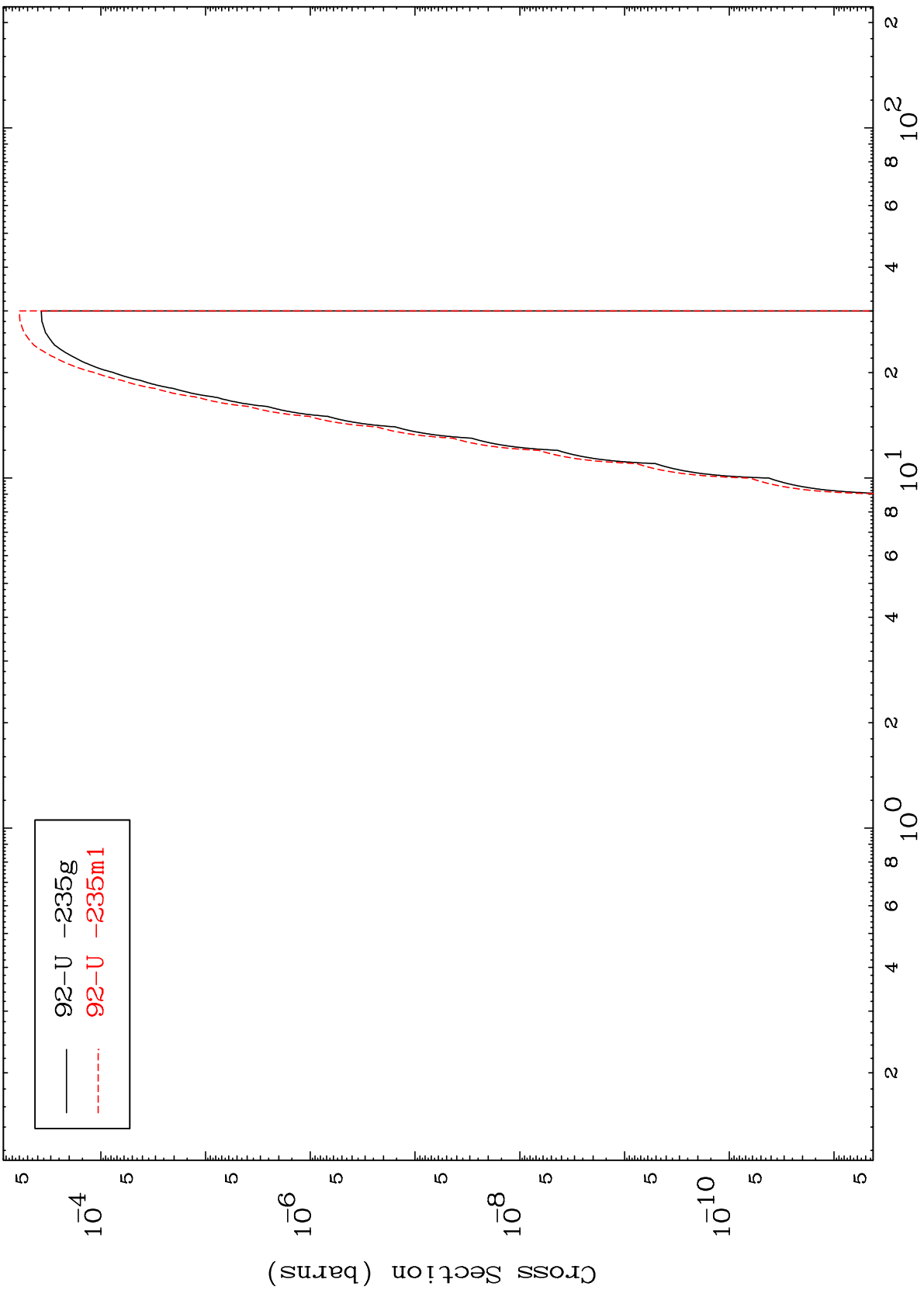
Incident Energy (MeV)

MAT 9352

(n,n')  $\alpha$

93-Np-239

Radionuclide Production Cross Section



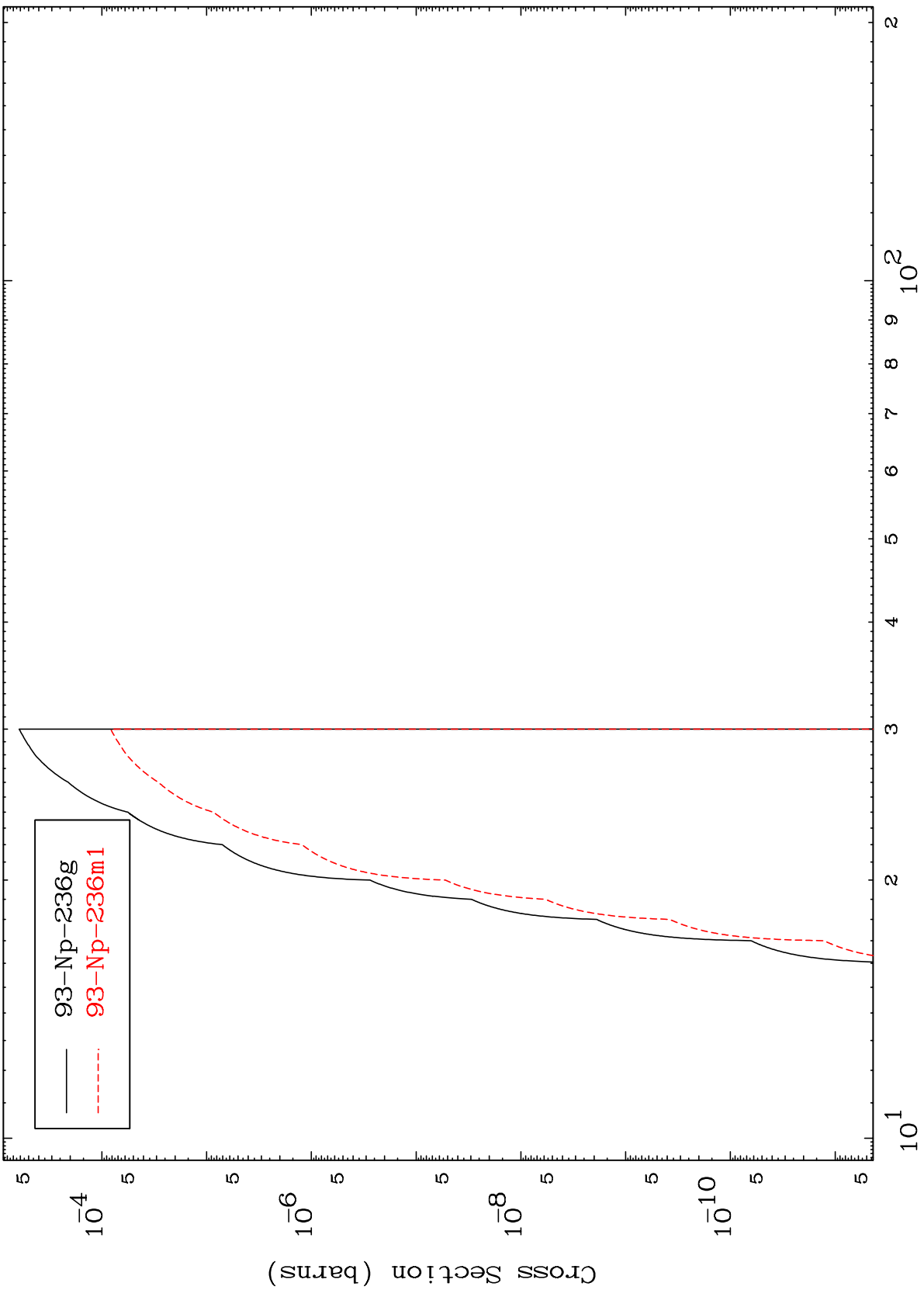
92-U -235g  
92-U -235m1

MAT 9352

(n,n') t

93-Np-239

Radionuclide Production Cross Section



93-Np-236g  
93-Np-236m1

Incident Energy (MeV)

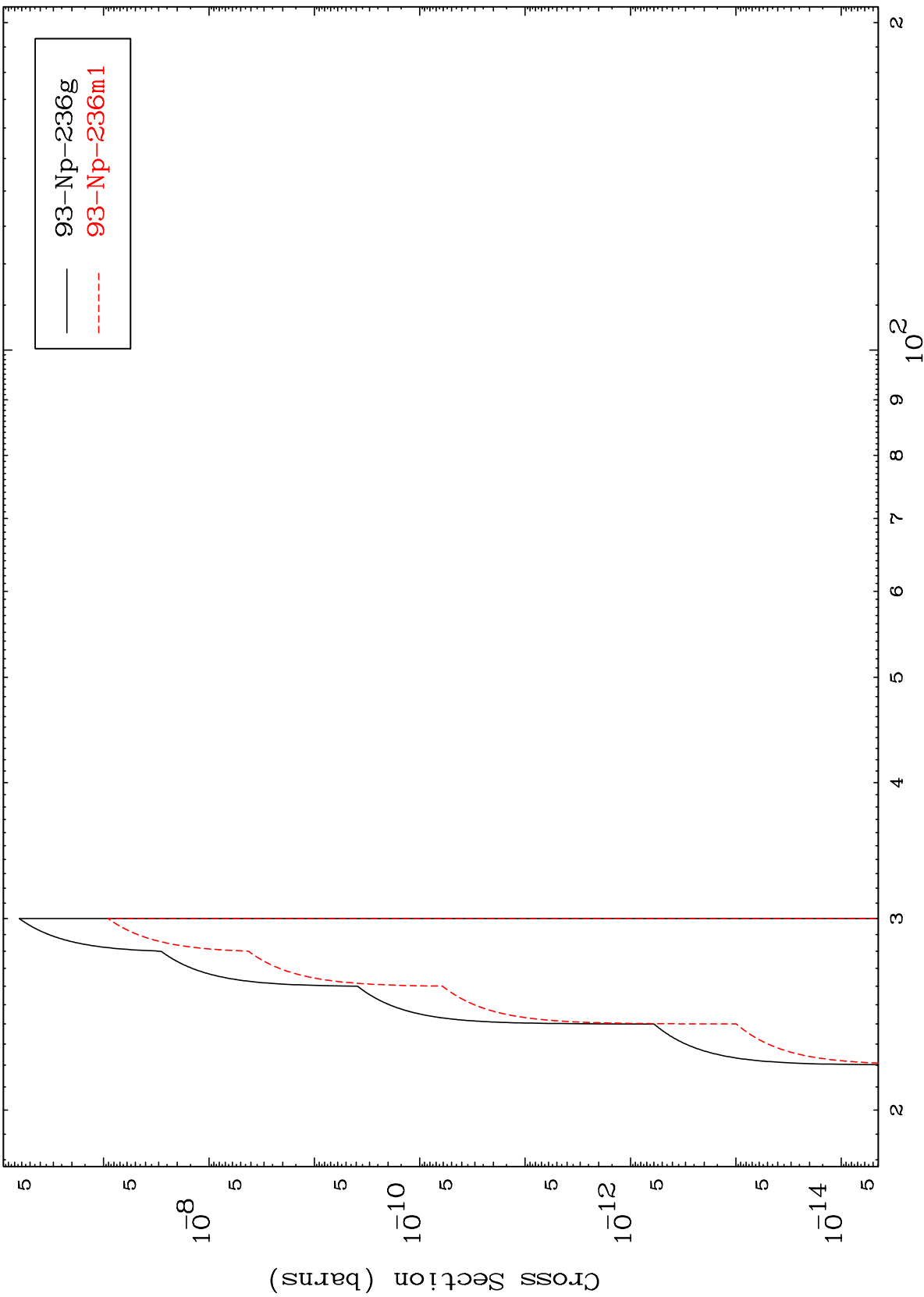
93-Np-239

MAT 9352

(n,3n) p

93-Np-239

Radionuclide Production Cross Section



16

Incident Energy (MeV)

93-Np-239