

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

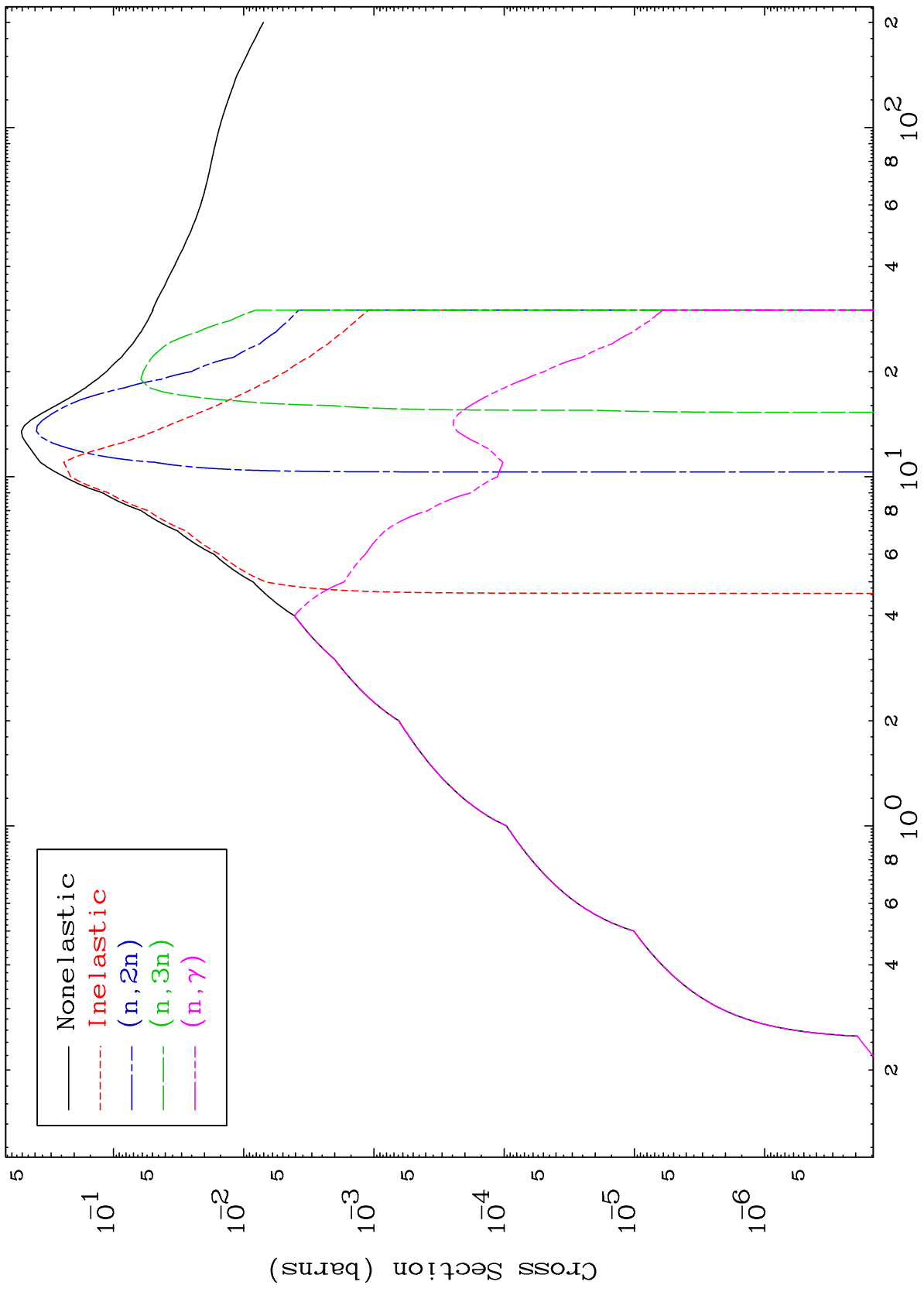
Web:redcullen1.net/HOMEPAGE.NEW

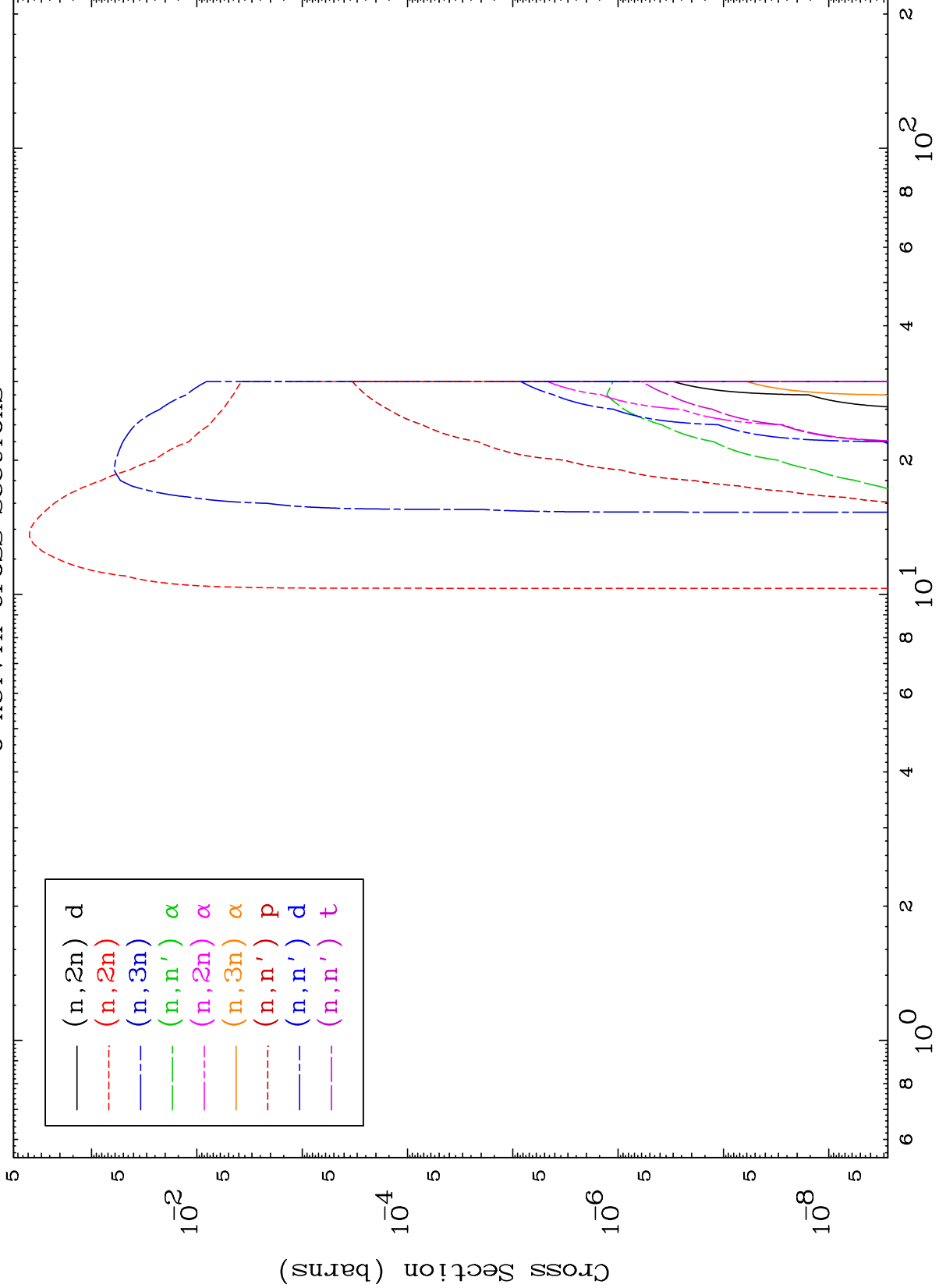
Press Mouse Button to Start

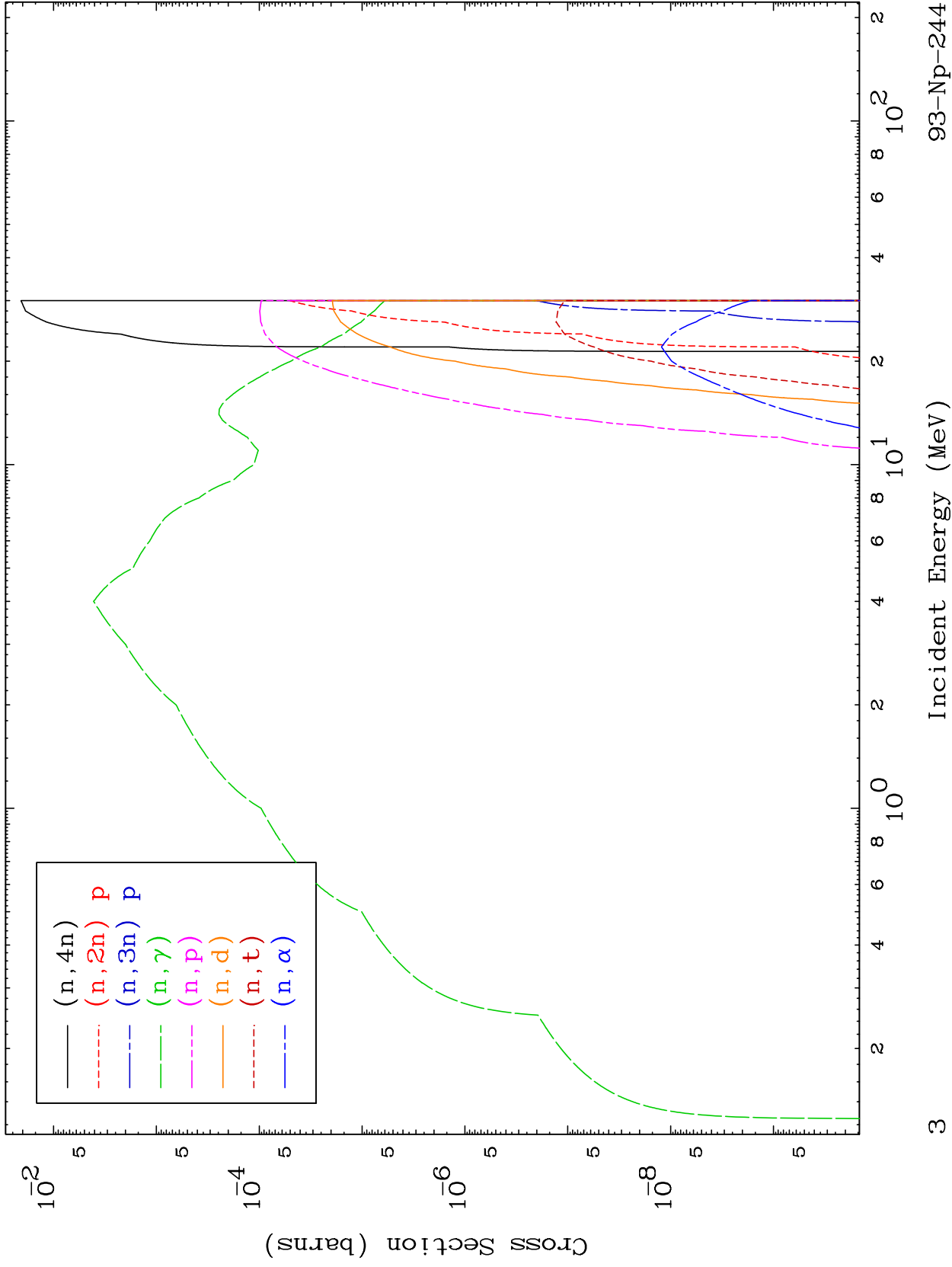
MAT 9367

Photon Major  
0 Kelvin Cross Sections

93-Np-244



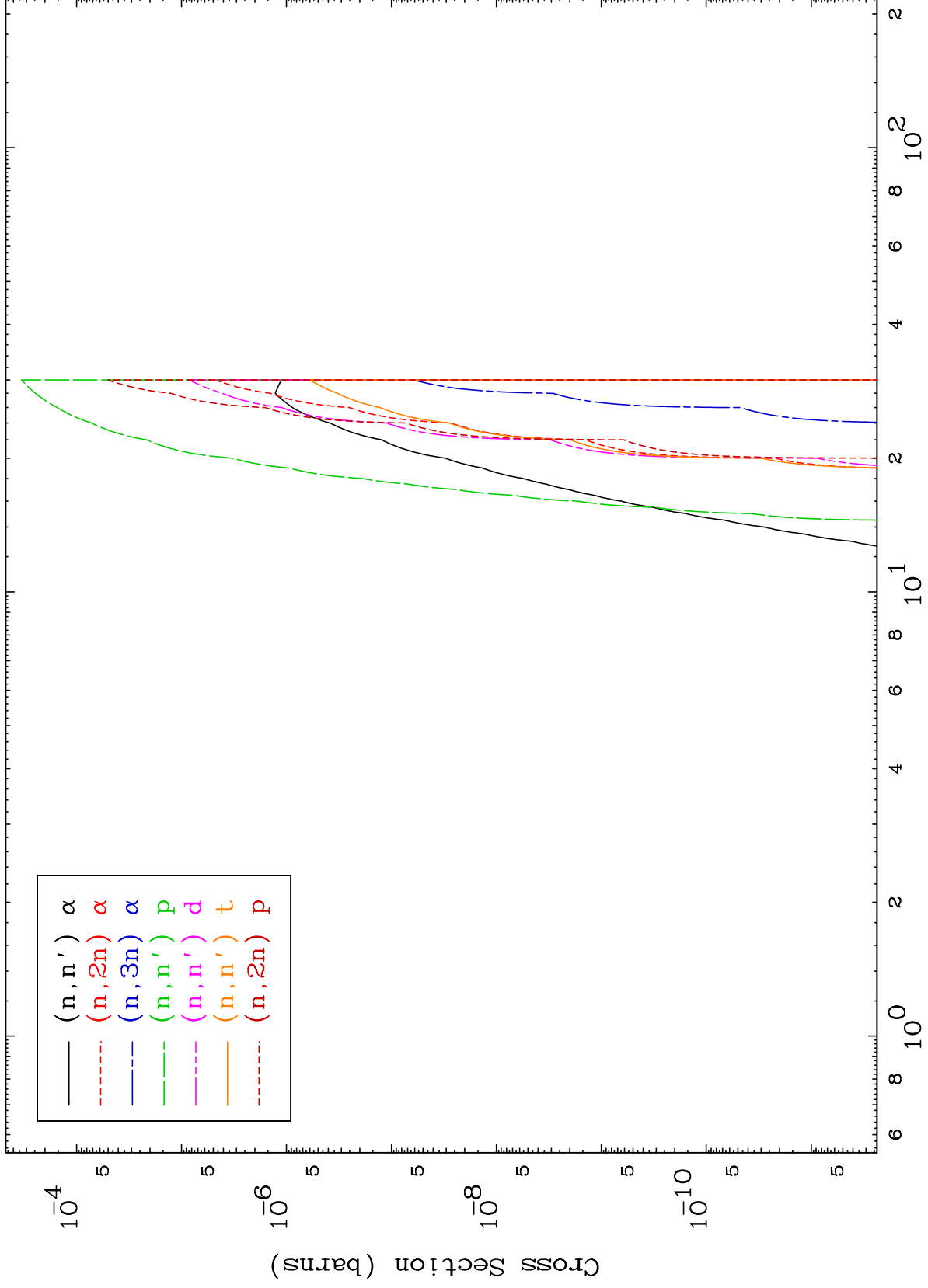




MAT 9367

Photon Charged Particle  
0 Kelvin Cross Sections

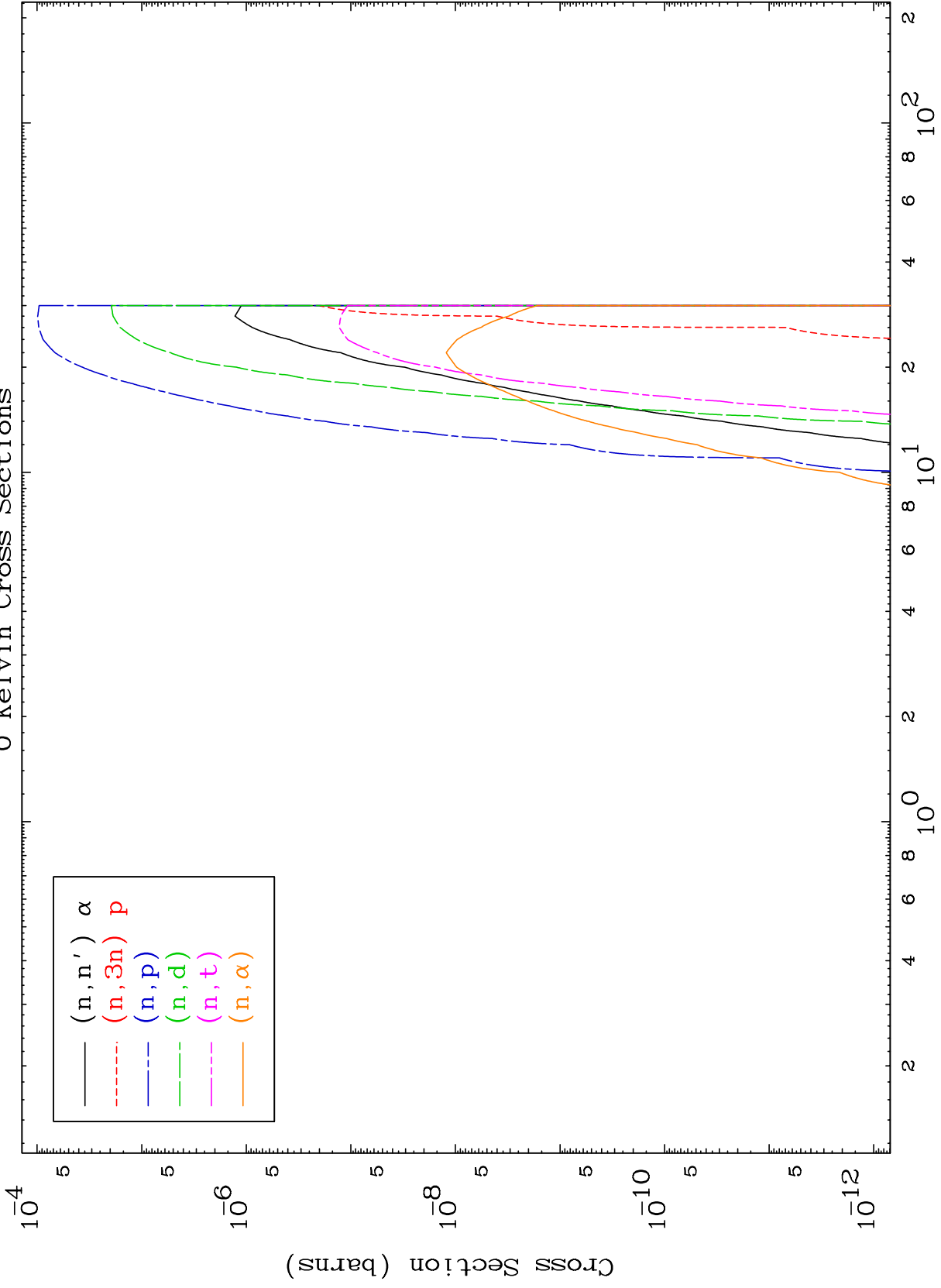
93-Np-244



MAT 9367

Photon Charged Particle  
0 Kelvin Cross Sections

93-Np-244

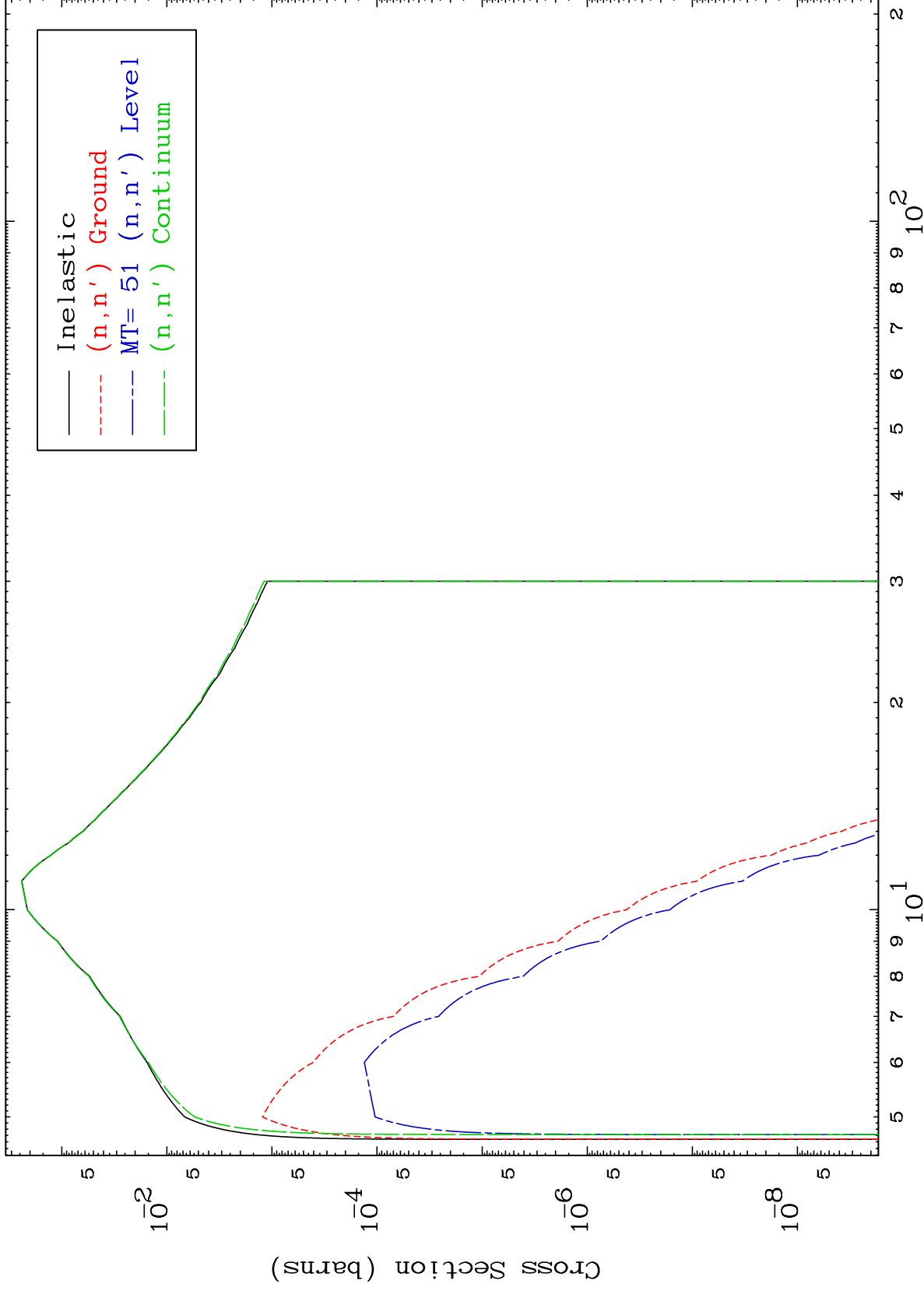


MAT 9367

( $\gamma, n'$ ) Levels

93-Np-244

0 Kelvin Cross Sections



Incident Energy (MeV)

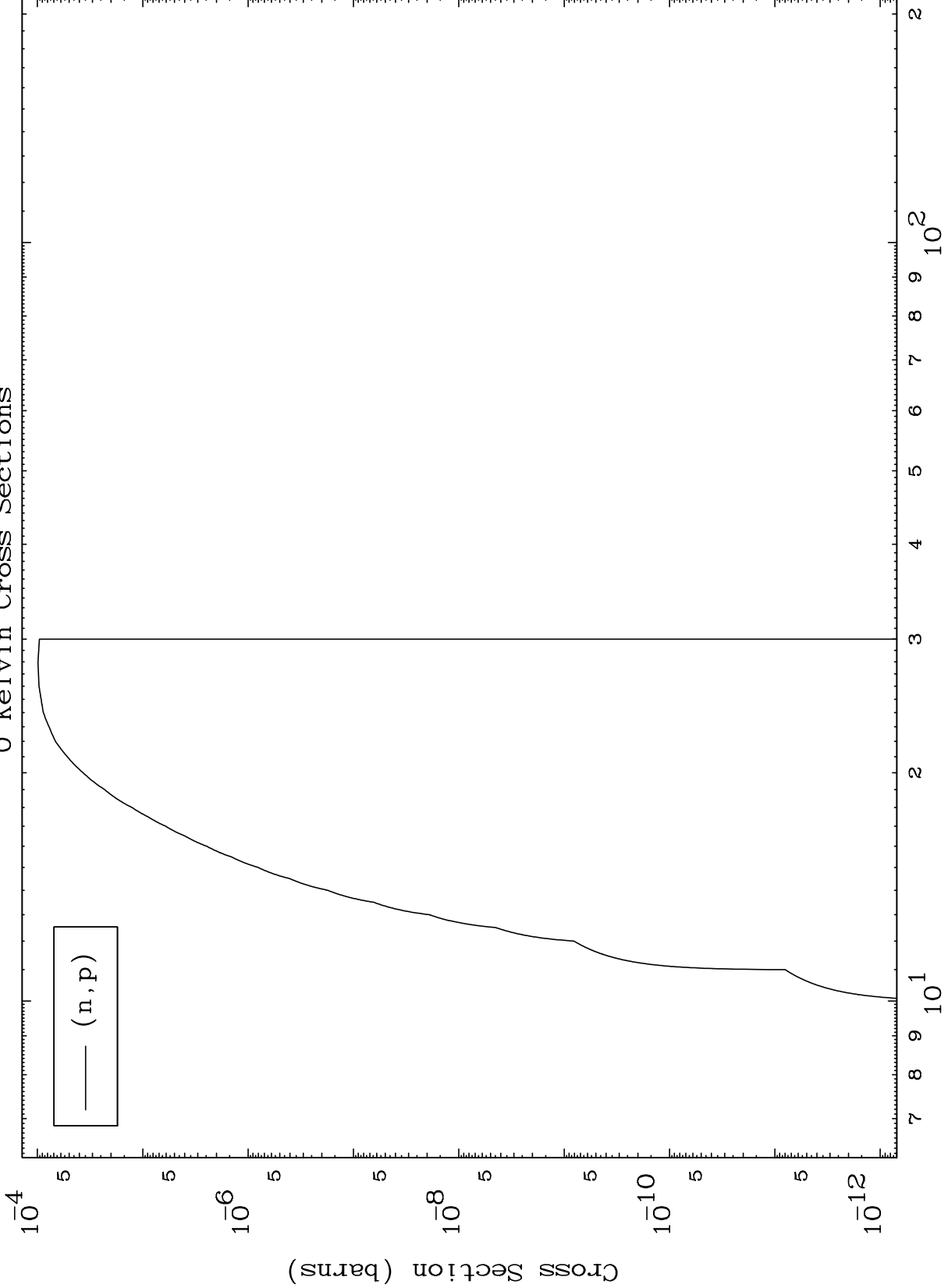
93-Np-244

6

MAT 9367

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

93-Np-244



7

Incident Energy (MeV)

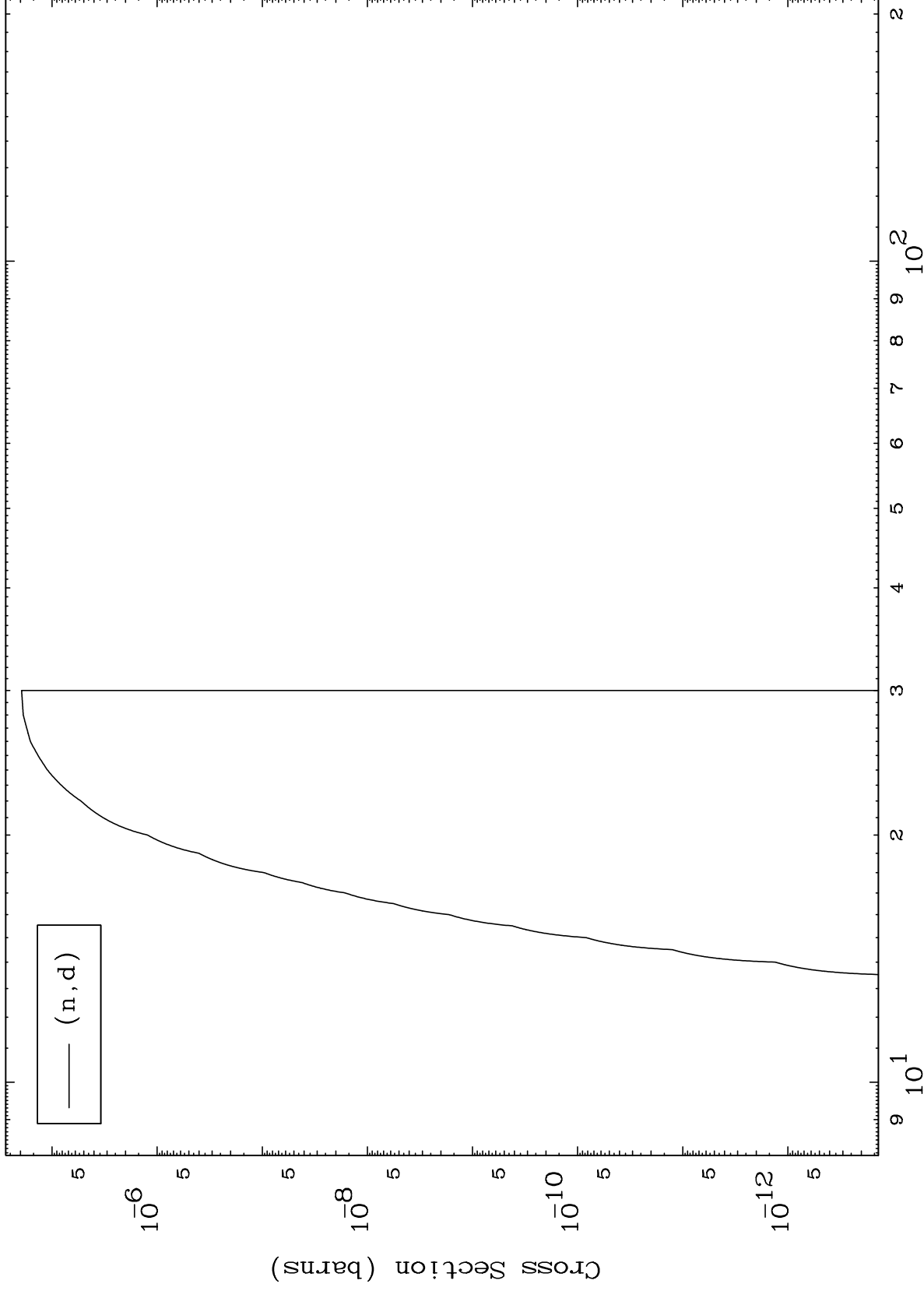
93-Np-244



MAT 9367

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

93-Np-244



8

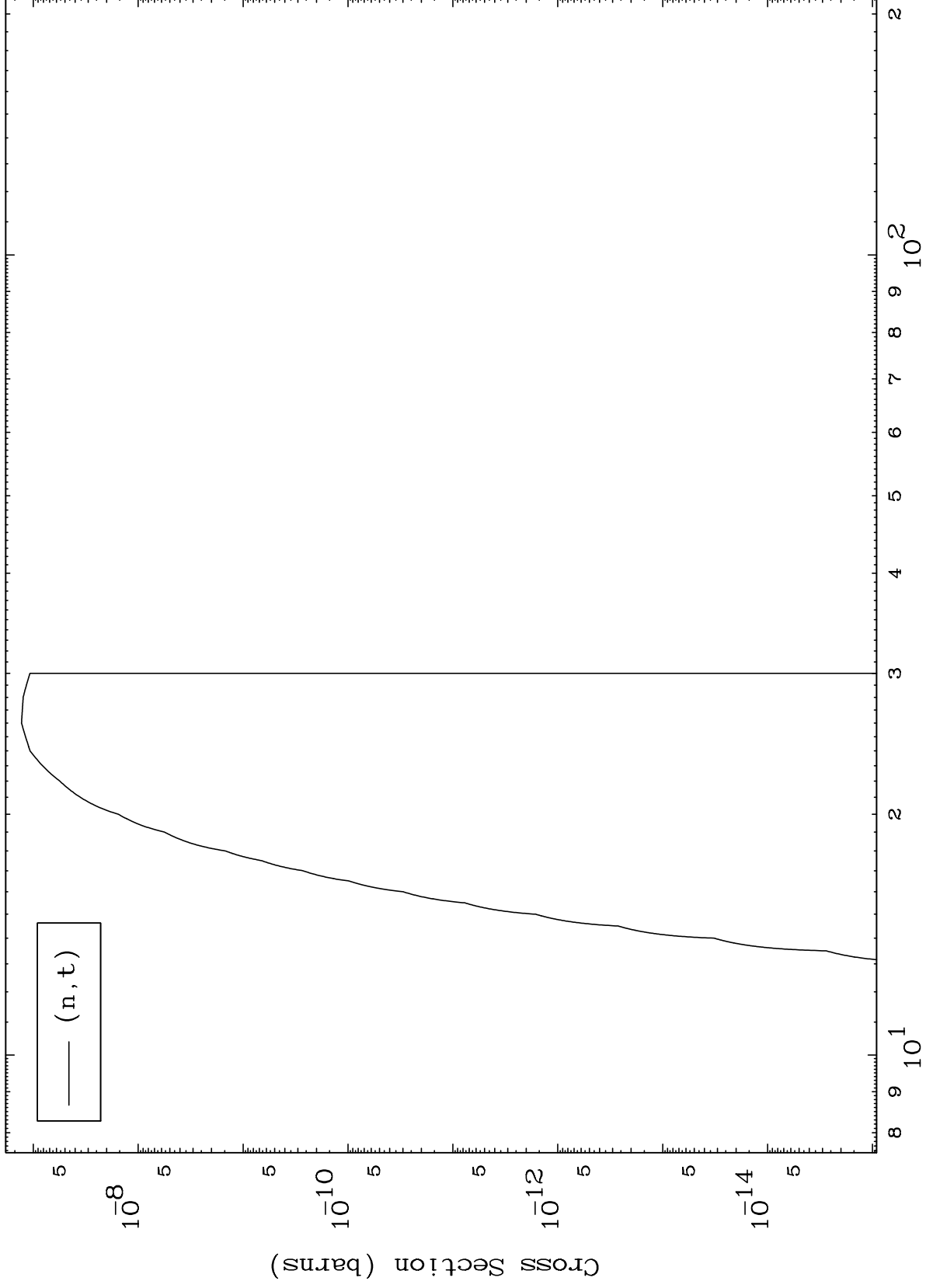
Incident Energy (MeV)

93-Np-244

MAT 9367

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

93-Np-244



9

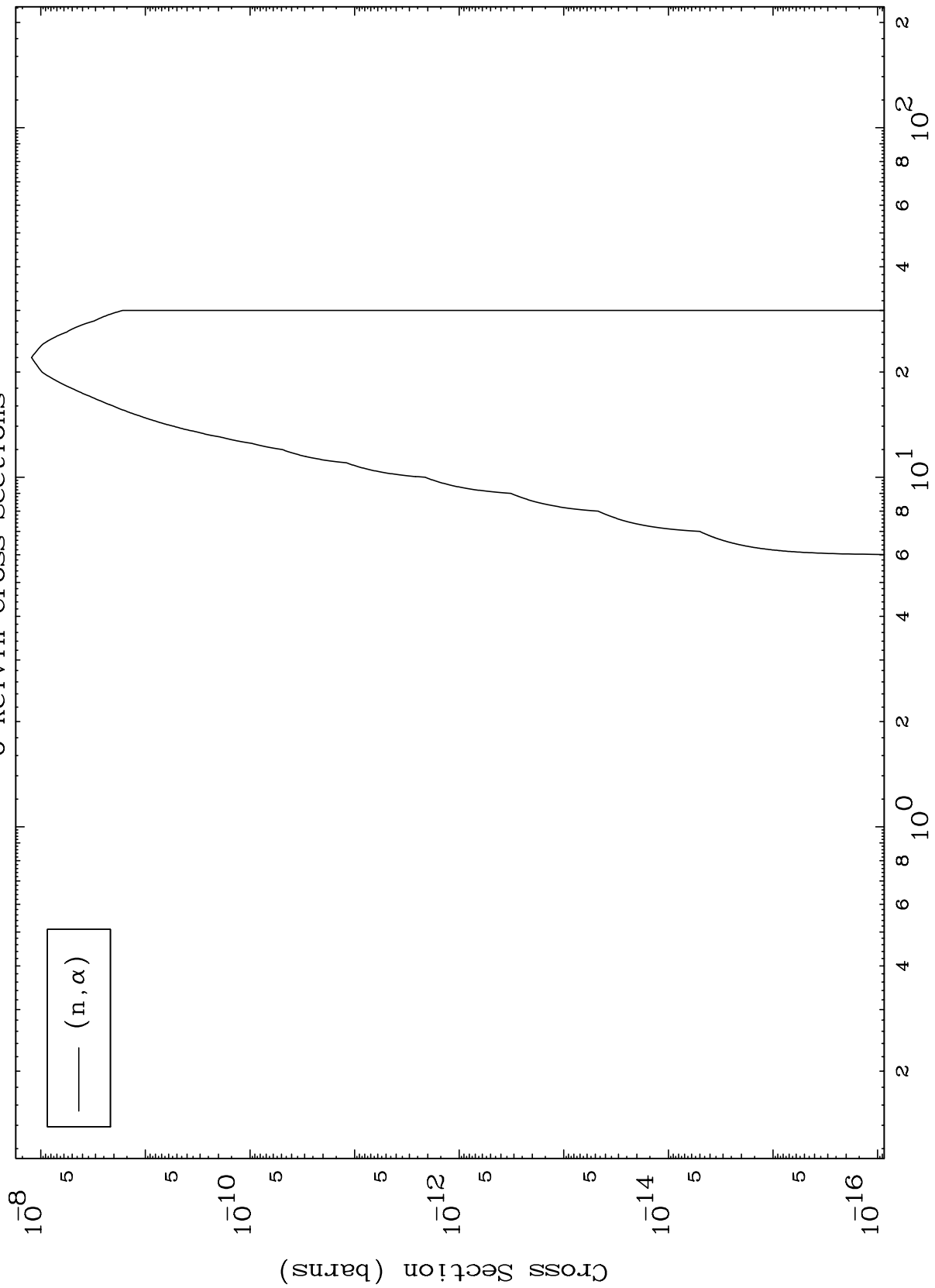
Incident Energy (MeV)

93-Np-244

MAT 9367

93-Np-244

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



10

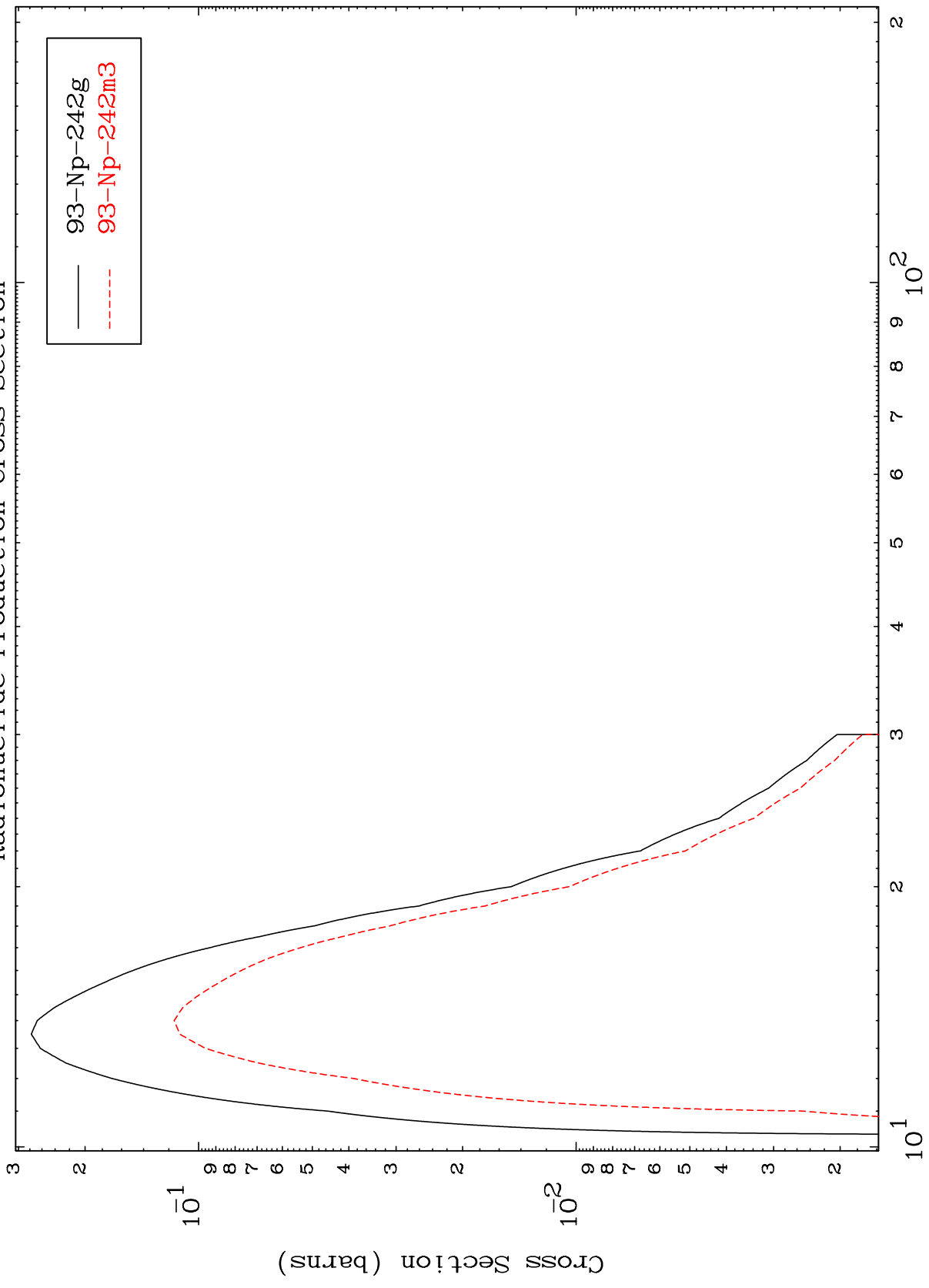
93-Np-244

Incident Energy (MeV)

MAT 9367

93-Np-244

(n,2n)  
Radionuclide Production Cross Section



93-Np-242g  
93-Np-242m3

93-Np-244

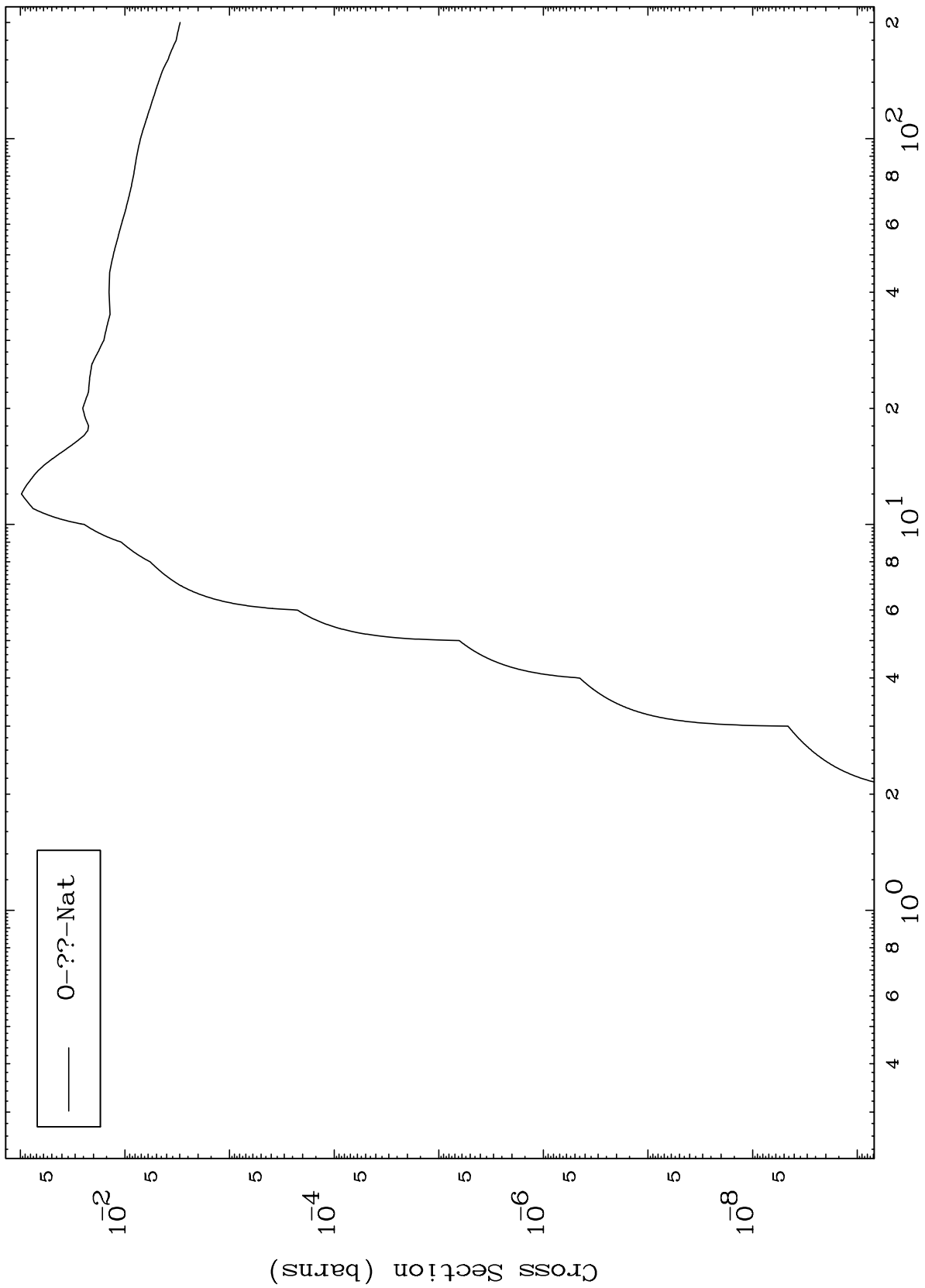
Incident Energy (MeV)

11

MAT 9367

93-Np-244

Fission  
Radionuclide Production Cross Section

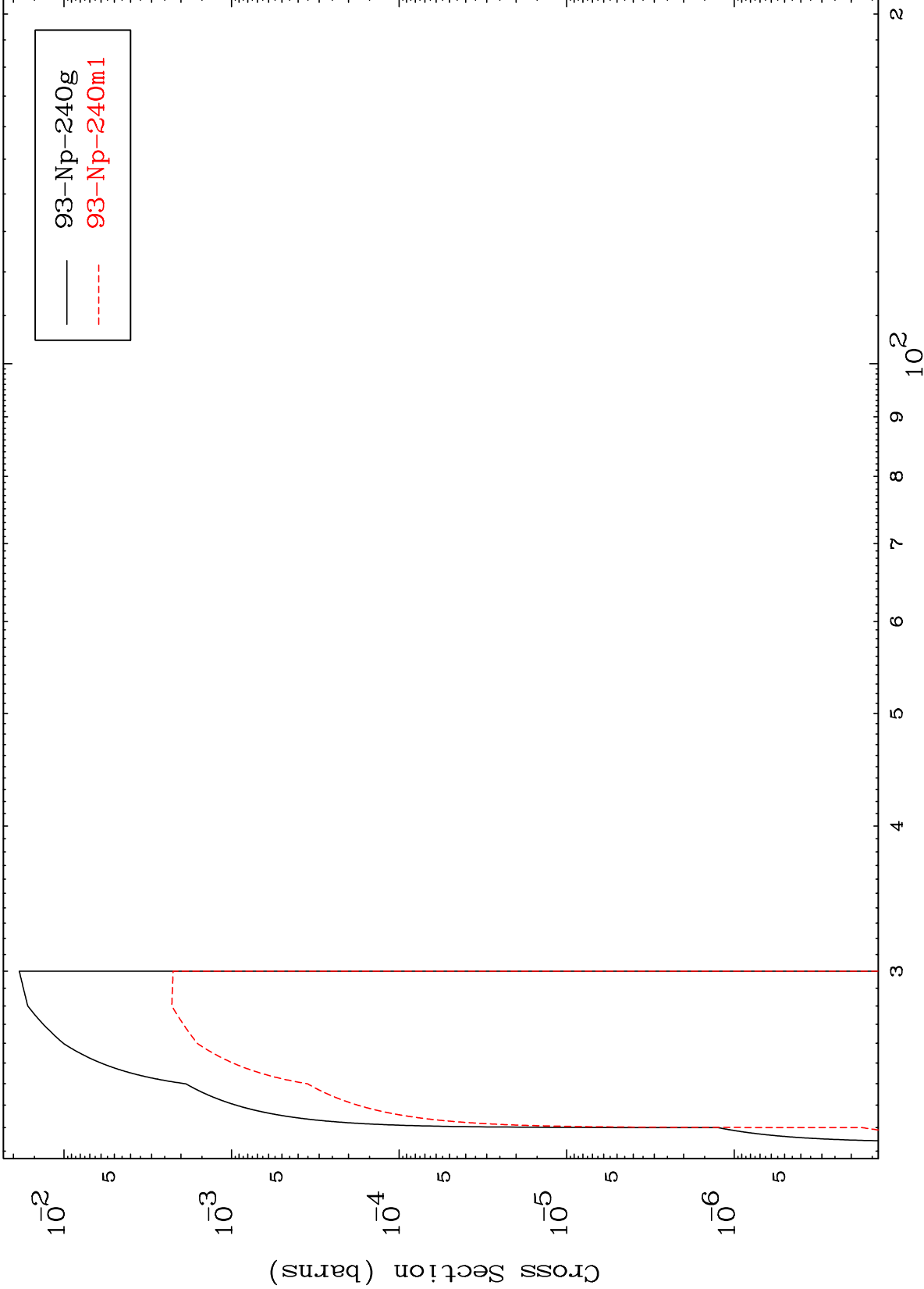


MAT 9367

(n,4n)

<sup>93</sup>Np-244

Radionuclide Production Cross Section



13

Incident Energy (MeV)

<sup>93</sup>Np-244