

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

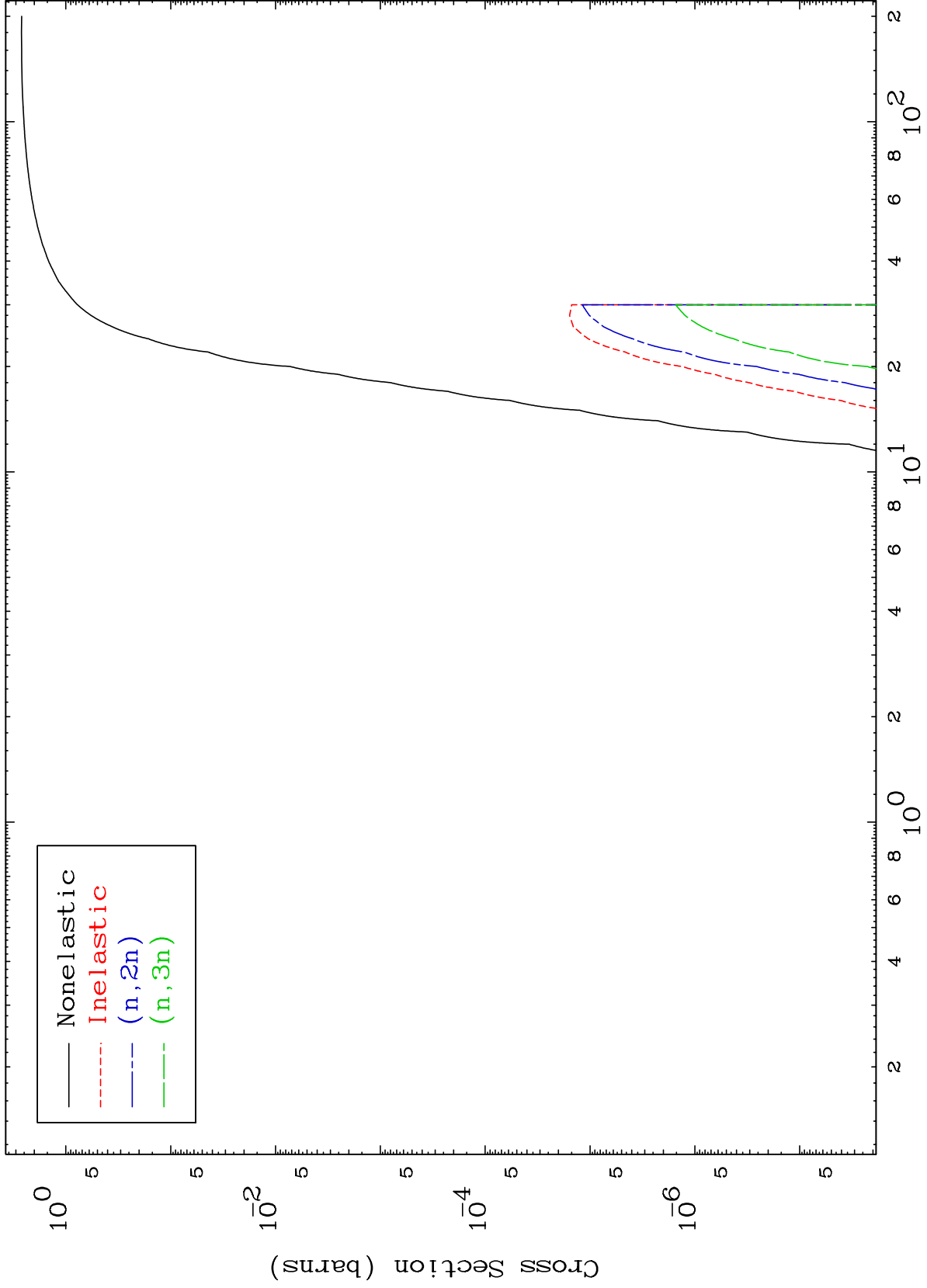
Press Mouse Button to Start

MAT 9364

He-3 Major

93-Np-243

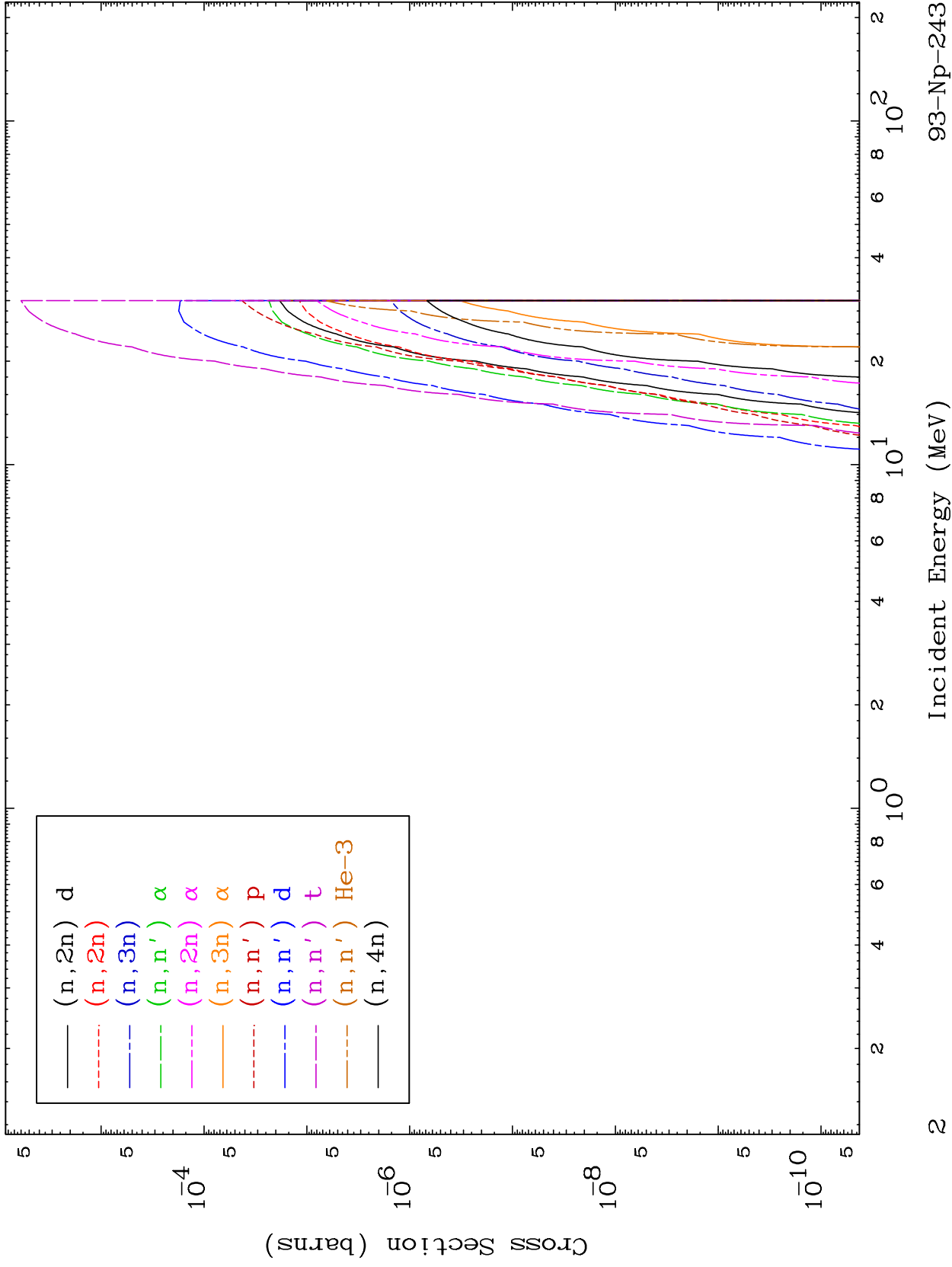
0 Kelvin Cross Sections



MAT 9364

He-3 Neutron Absorption  
0 Kelvin Cross Sections

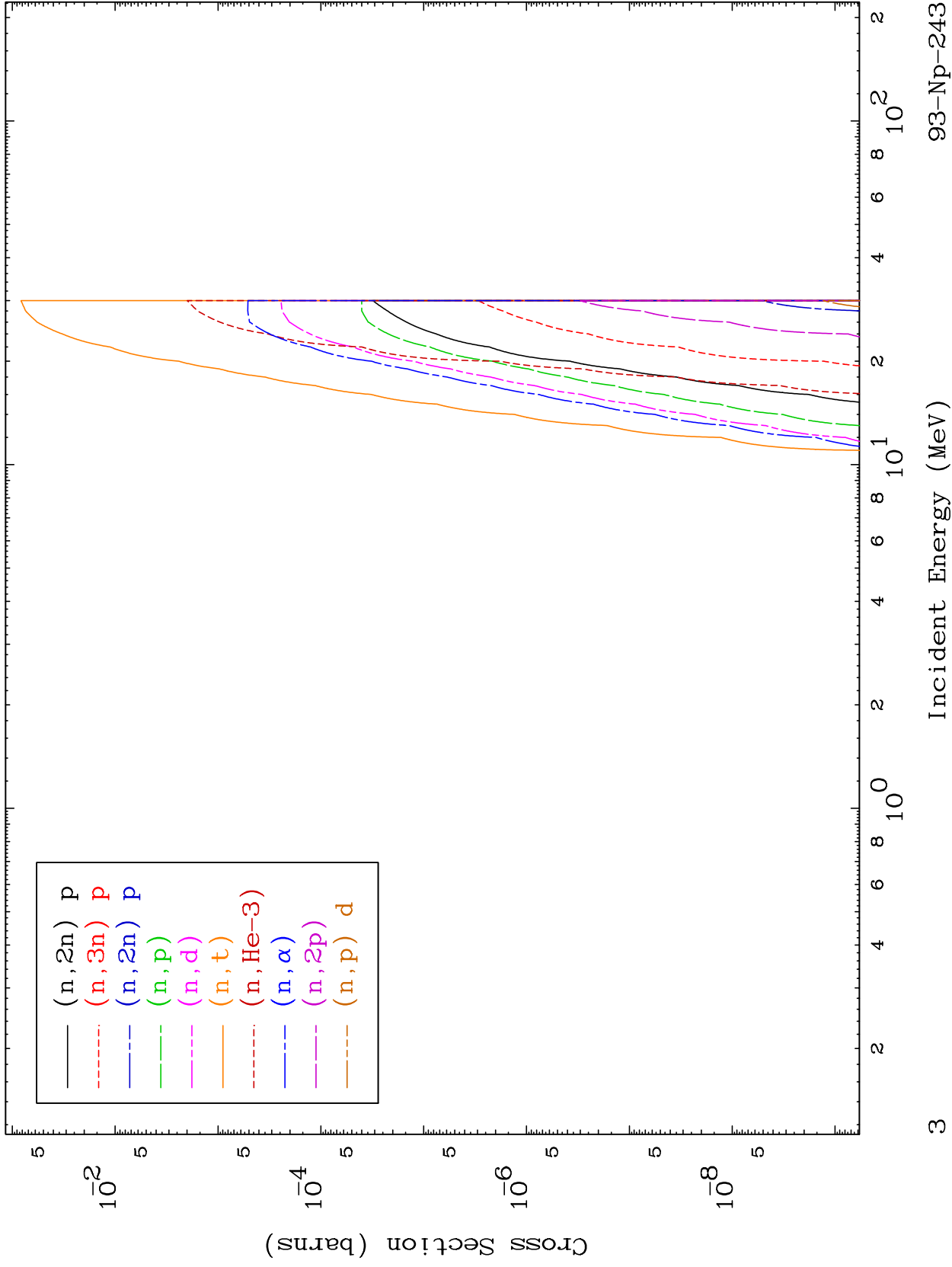
93-Np-243



MAT 9364

He-3 Neutron Absorption  
0 Kelvin Cross Sections

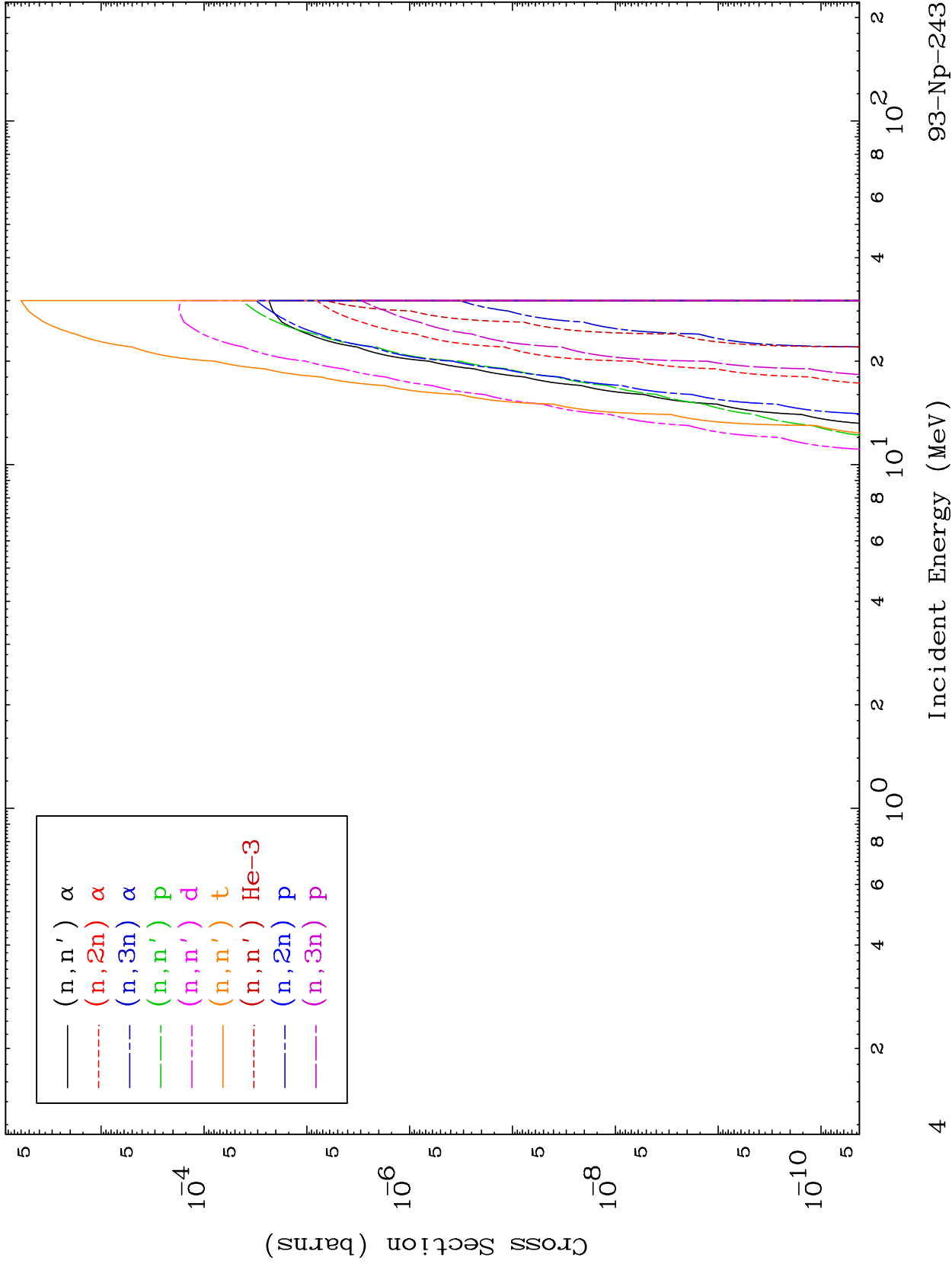
93-Np-243



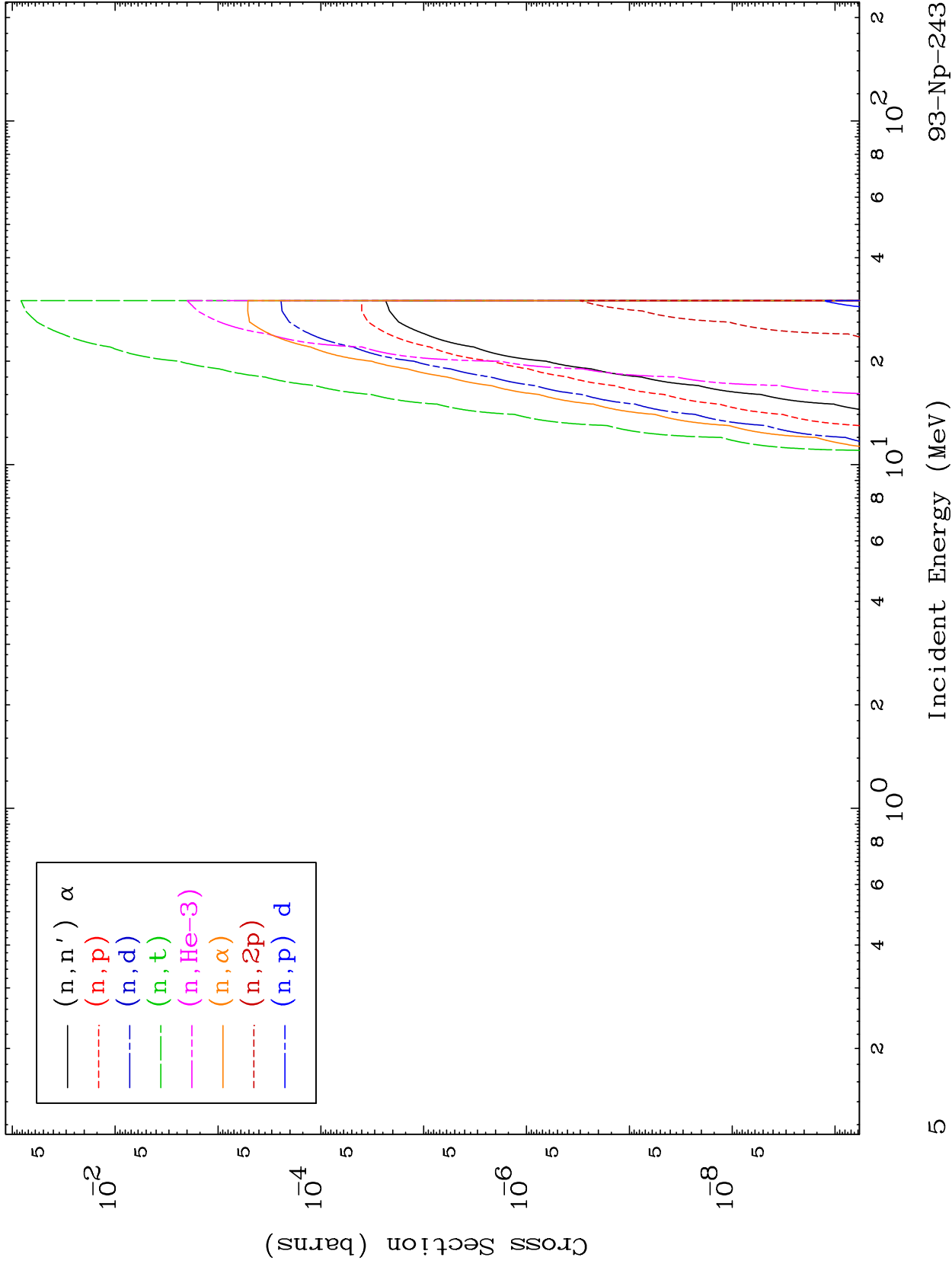
MAT 9364

He-3 Charged Particle  
0 Kelvin Cross Sections

93-Np-243



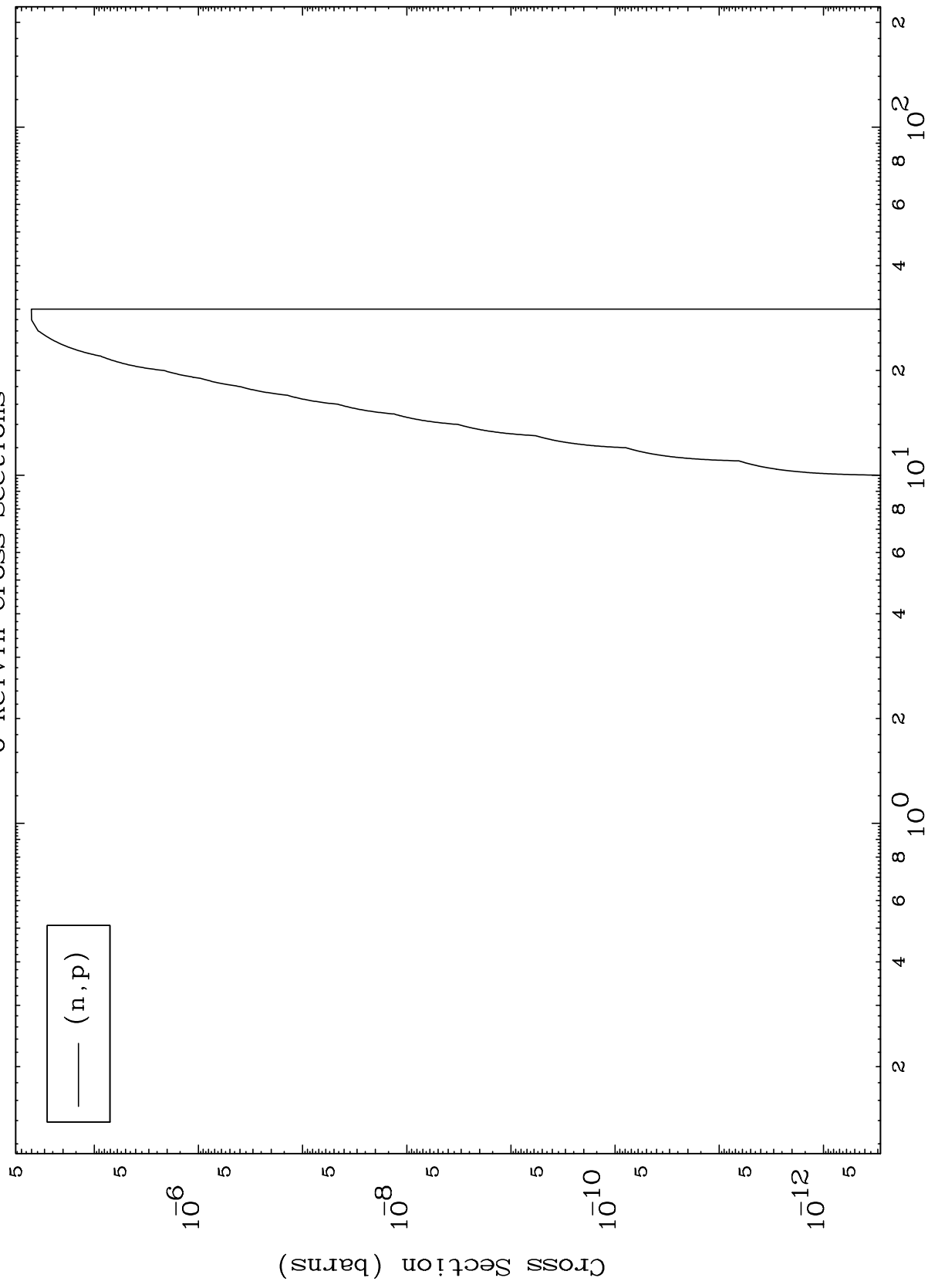
93-Np-243



MAT 9364

93-Np-243

(He-3,p) Levels  
0 Kelvin Cross Sections



6

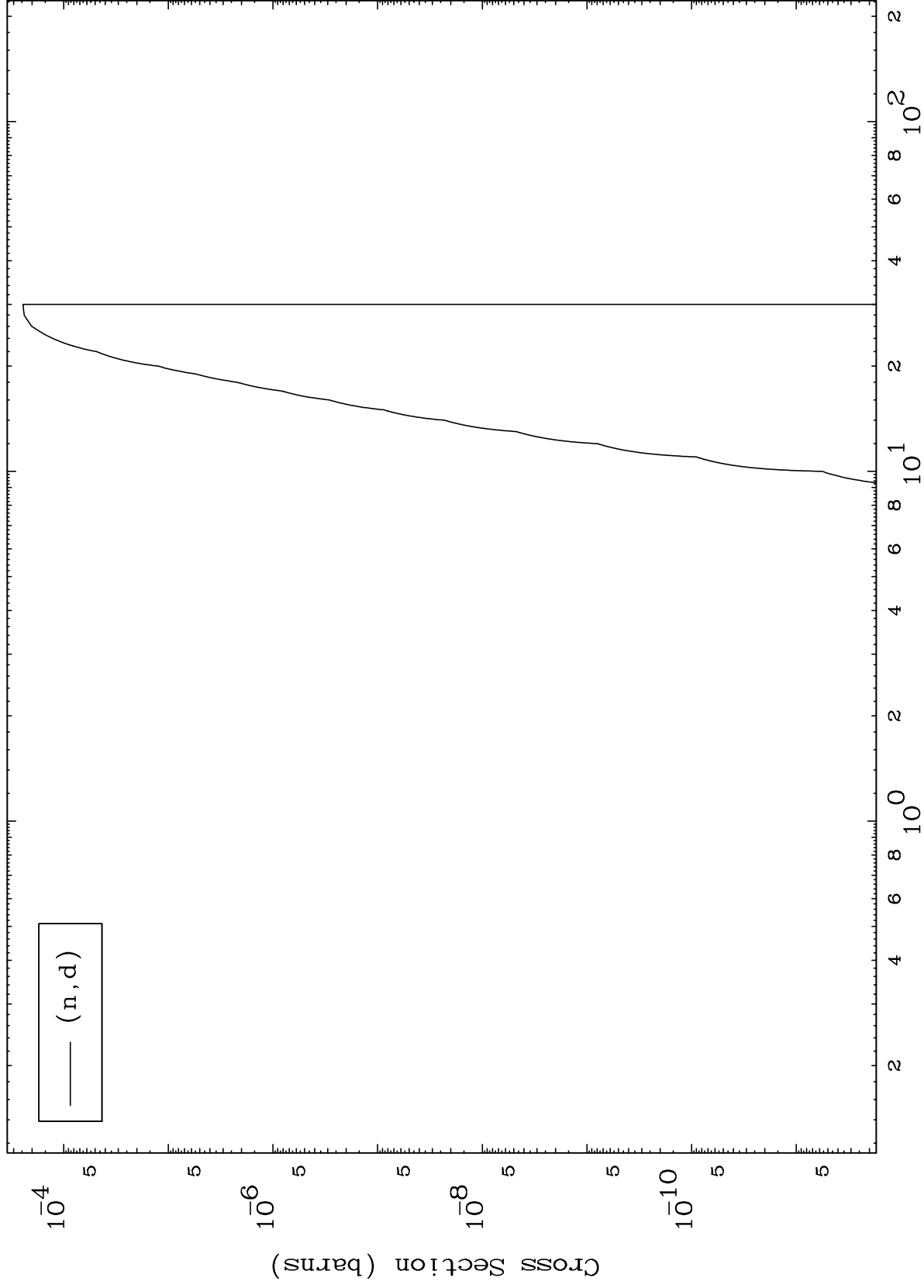
93-Np-243

Incident Energy (MeV)

MAT 9364

93-Np-243

(He-3,d) Levels  
0 Kelvin Cross Sections

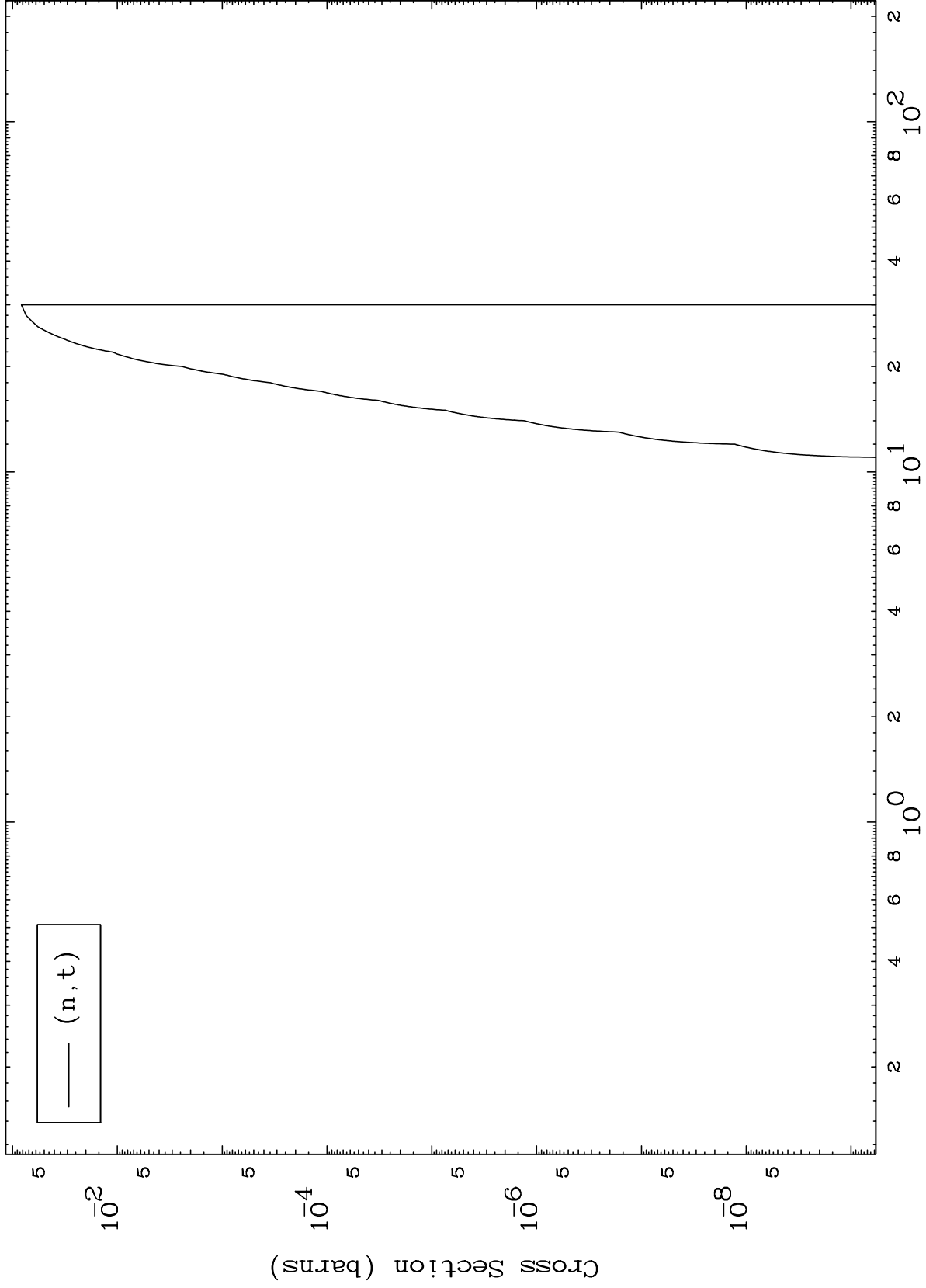


MAT 9364

(He-3,t) Levels

93-Np-243

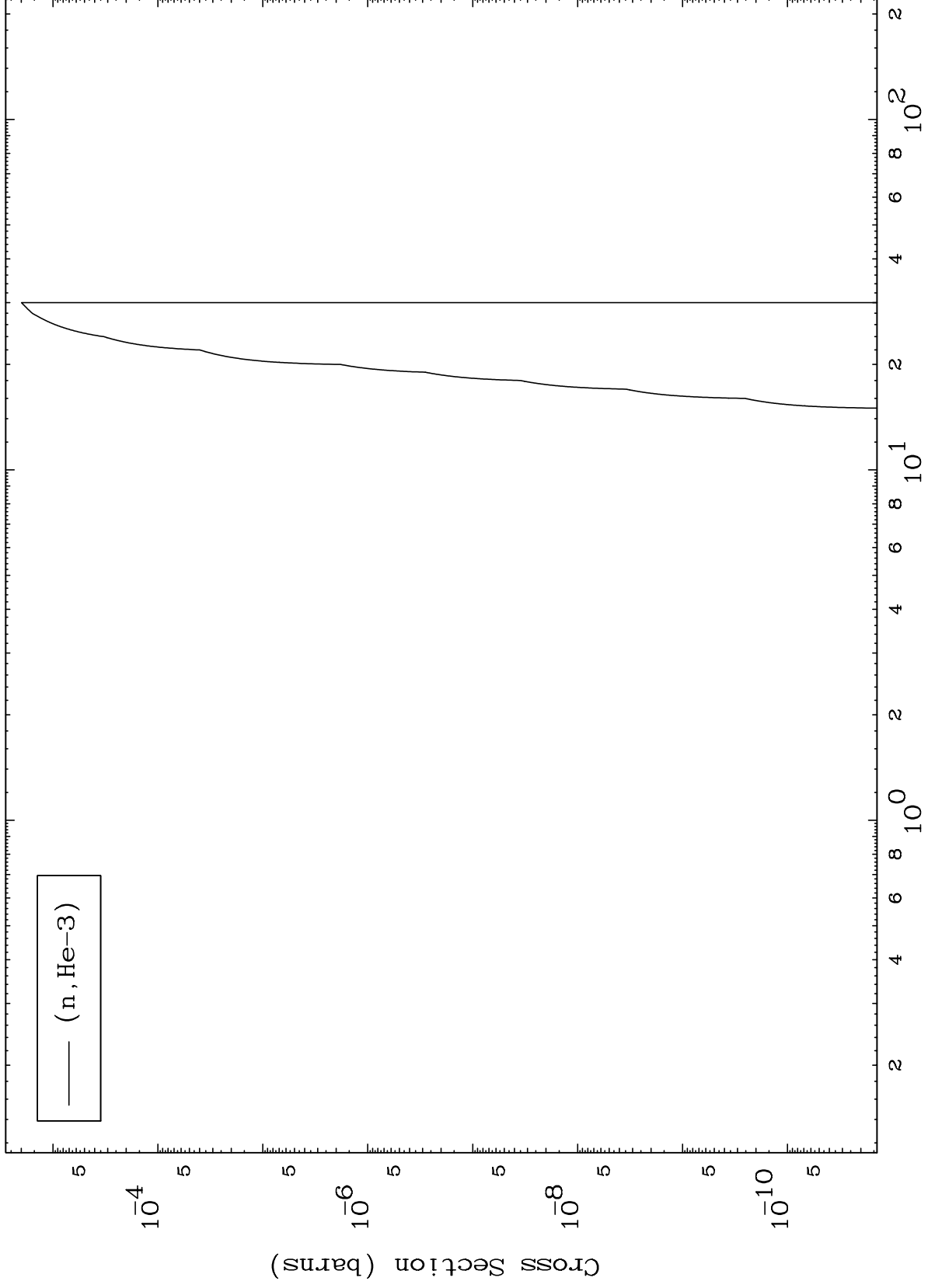
0 Kelvin Cross Sections



MAT 9364

(He-3, He3) Levels  
0 Kelvin Cross Sections

93-Np-243

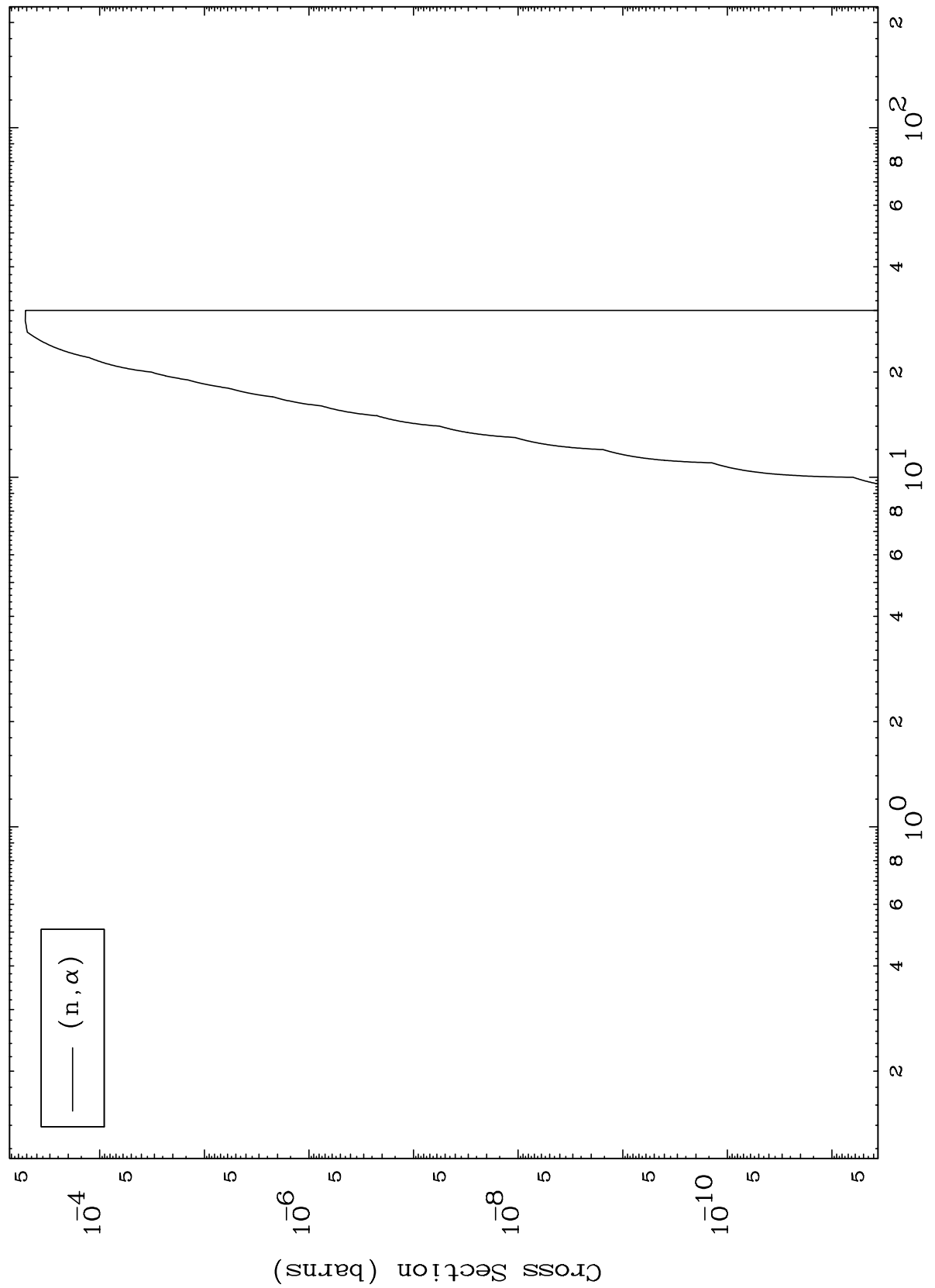


MAT 9364

(He-3,  $\alpha$ ) Levels

93-Np-243

0 Kelvin Cross Sections



10

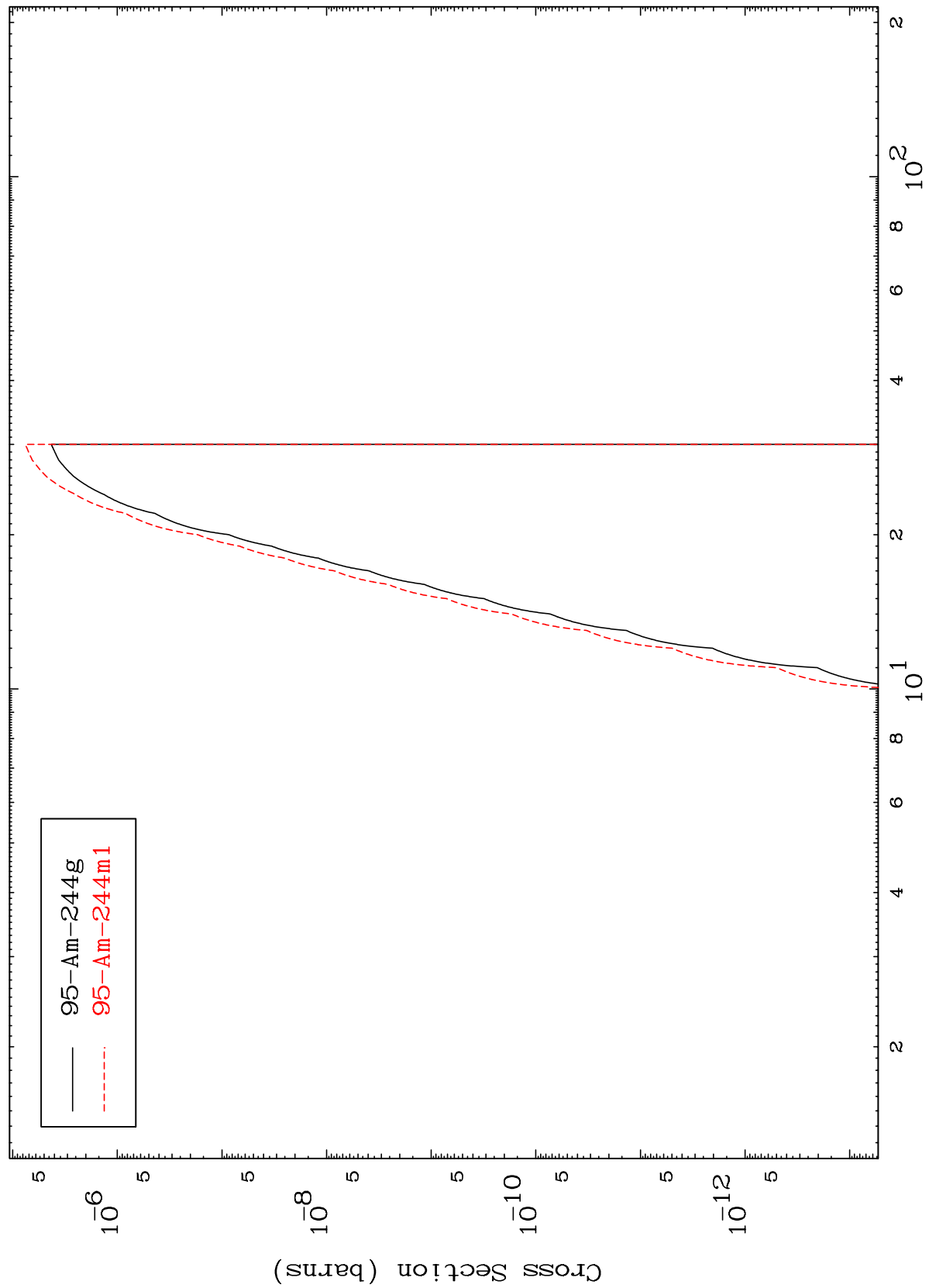
Incident Energy (MeV)

93-Np-243

MAT 9364

93-Np-243

(n,2n)  
Radionuclide Production Cross Section

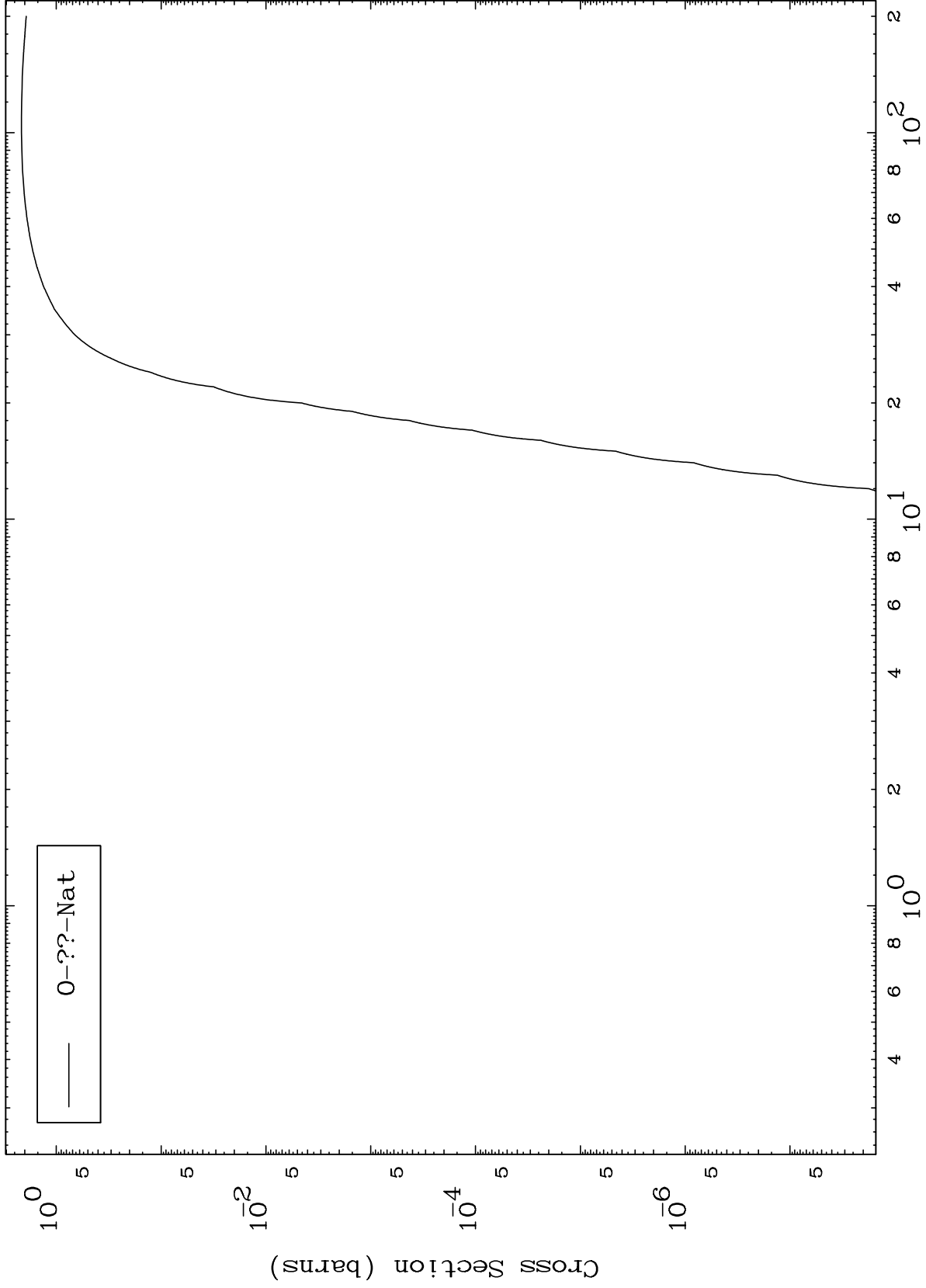


MAT 9364

Fission

<sup>93</sup>Np-243

Radionuclide Production Cross Section

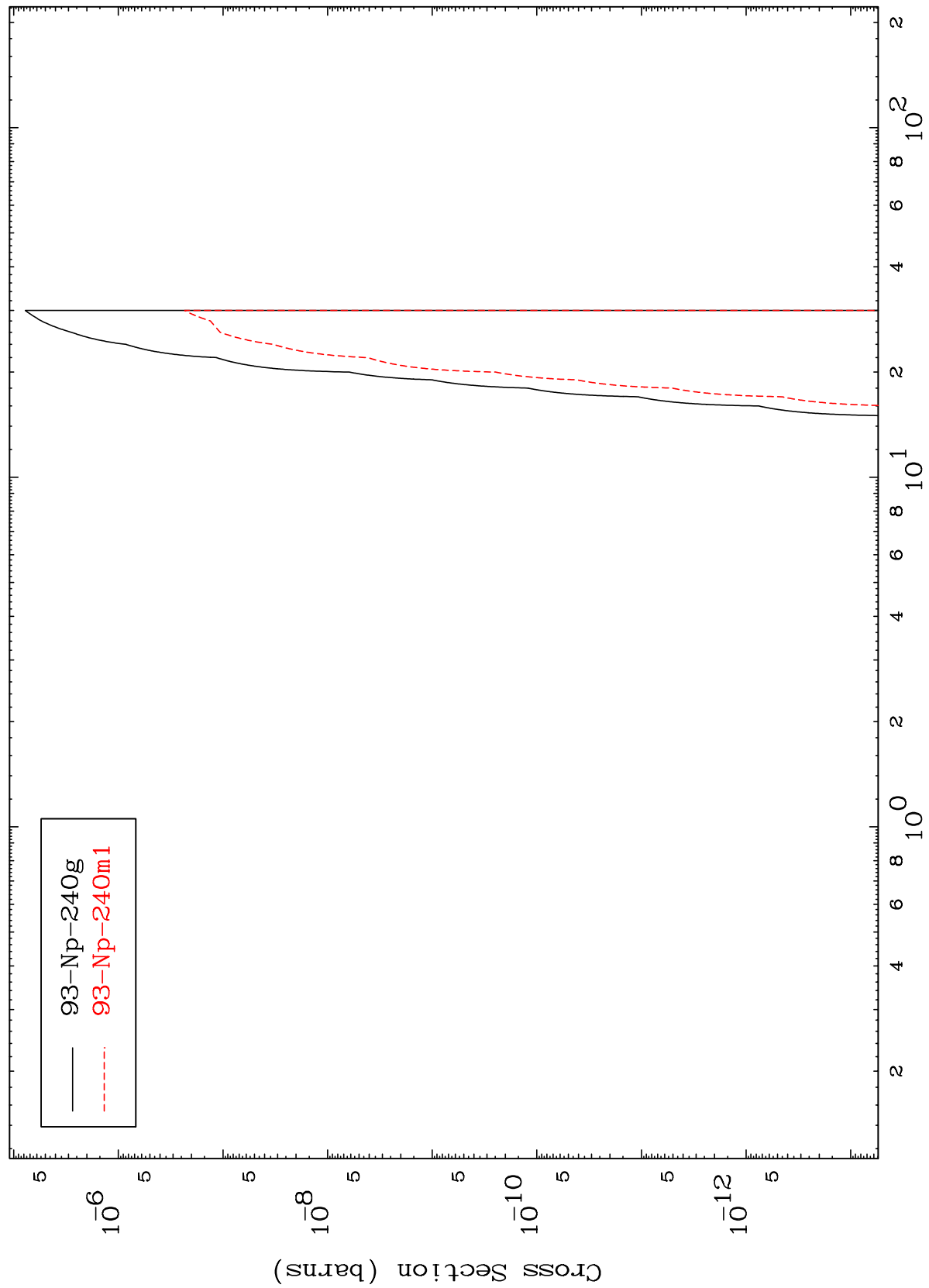


MAT 9364

$(n,2n) \alpha$

93-Np-243

Radionuclide Production Cross Section

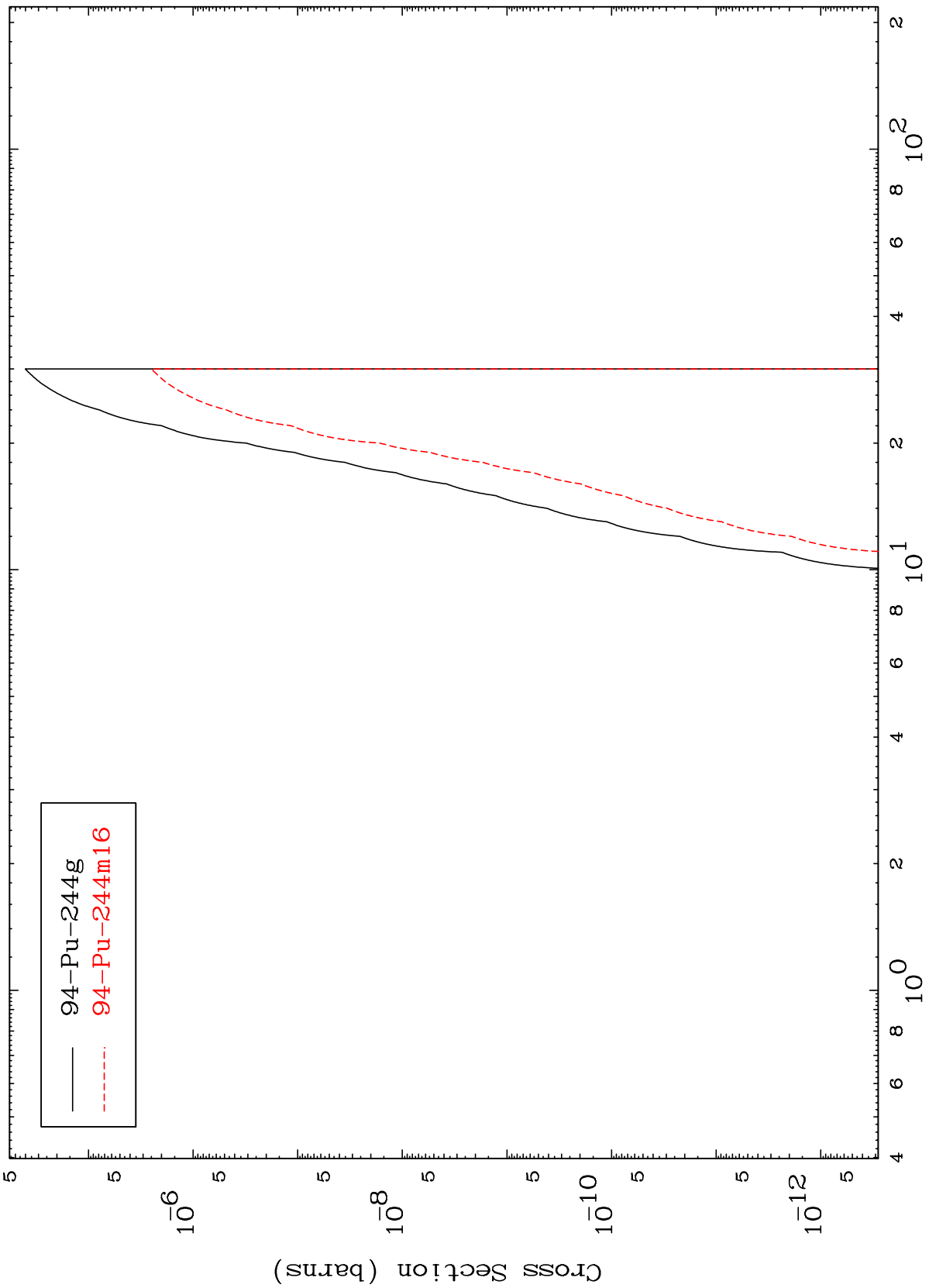


MAT 9364

(n,n') p

93-Np-243

Radionuclide Production Cross Section



94-Pu-244g  
94-Pu-244m16

14

Incident Energy (MeV)

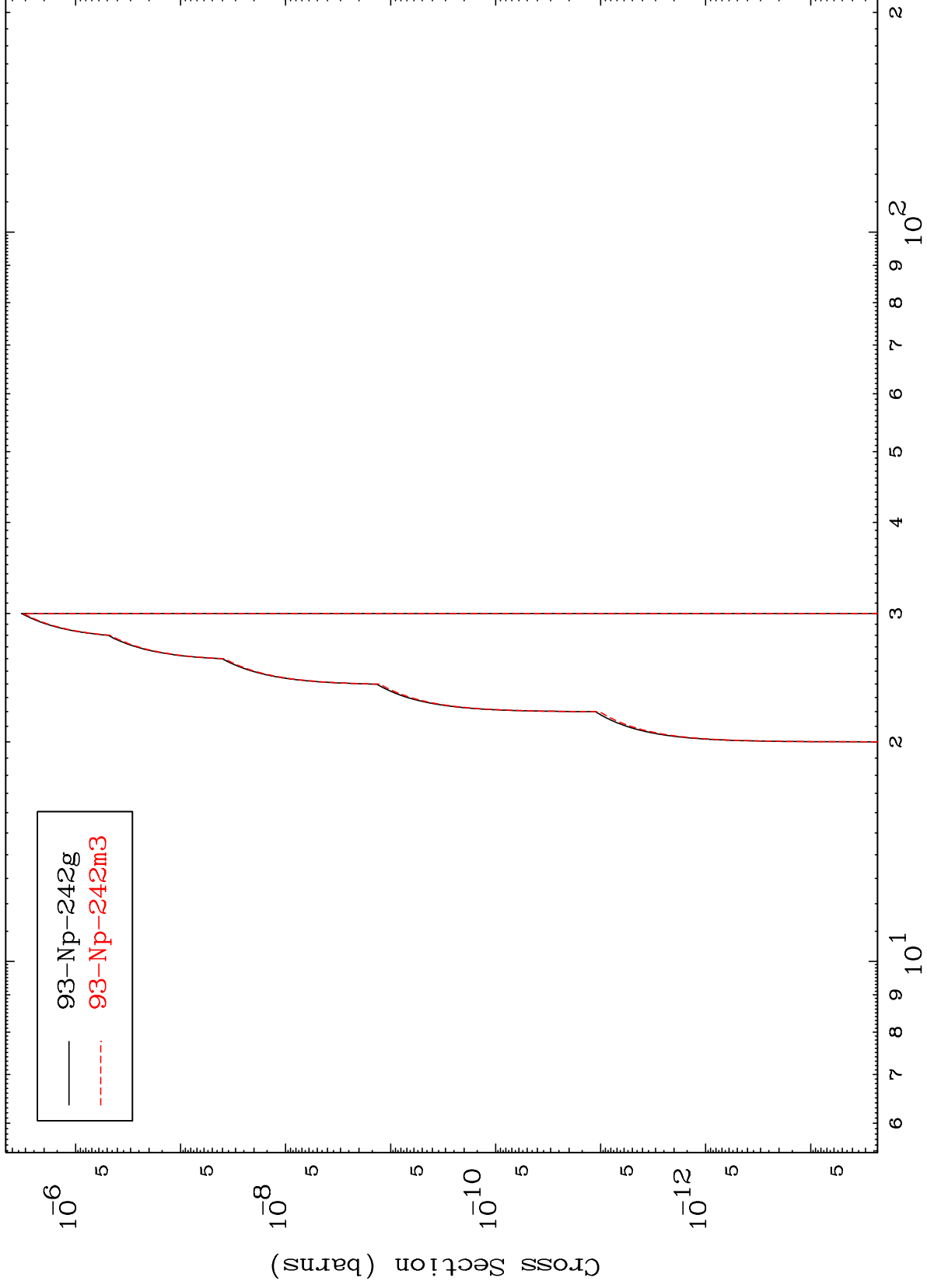
93-Np-243

MAT 9364

(n,n') He-3

93-Np-243

Radionuclide Production Cross Section



15

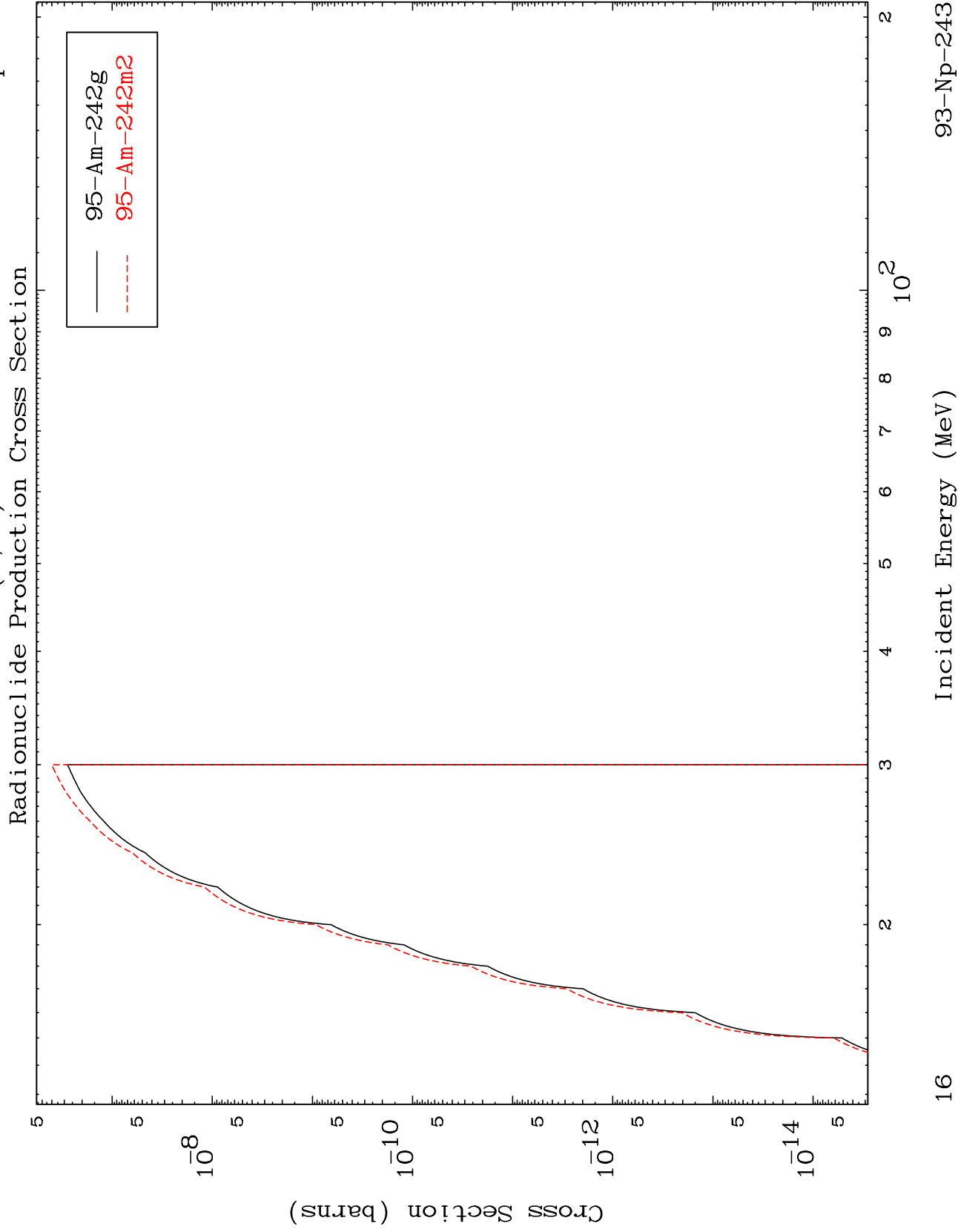
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,4n)

93-Np-243



16

Incident Energy (MeV)

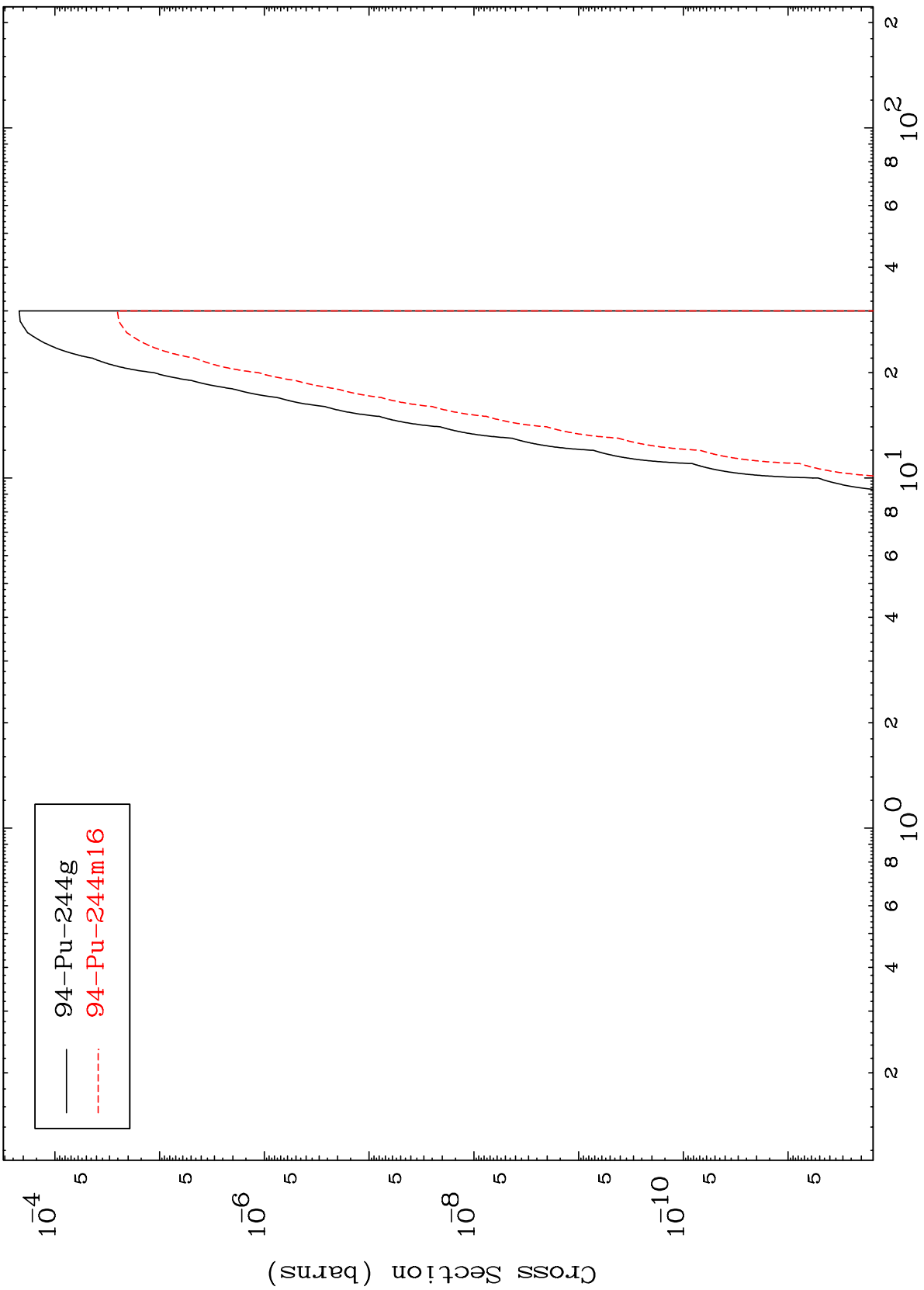
93-Np-243

MAT 9364

(n,d)

93-Np-243

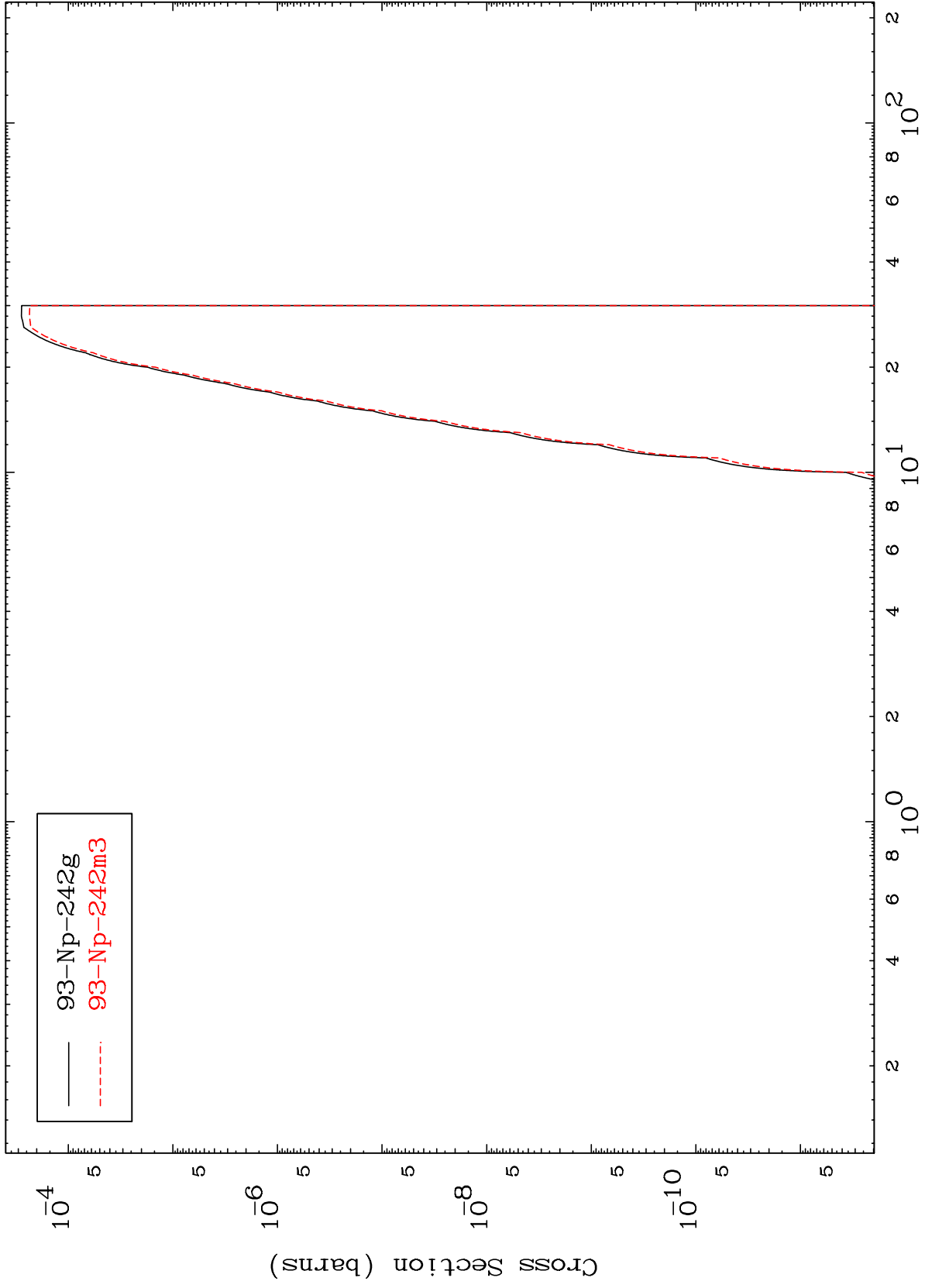
Radionuclide Production Cross Section



MAT 9364

93-Np-243

(n,  $\alpha$ )  
Radionuclide Production Cross Section



18

93-Np-243

Incident Energy (MeV)