

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

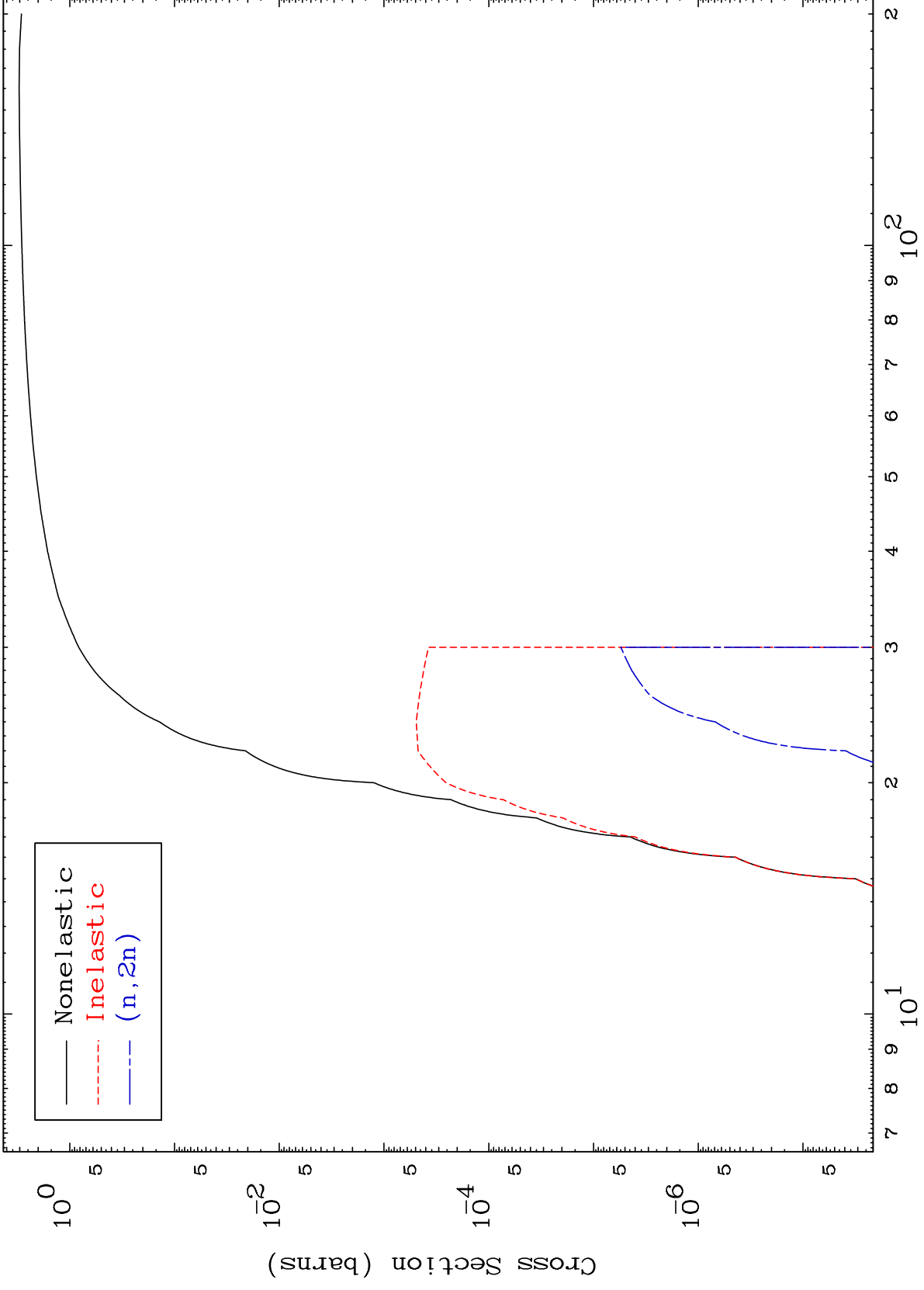
Press Mouse Button to Start

MAT 9743

$\alpha$  Major

97-Bk-246

0 Kelvin Cross Sections



Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)

1

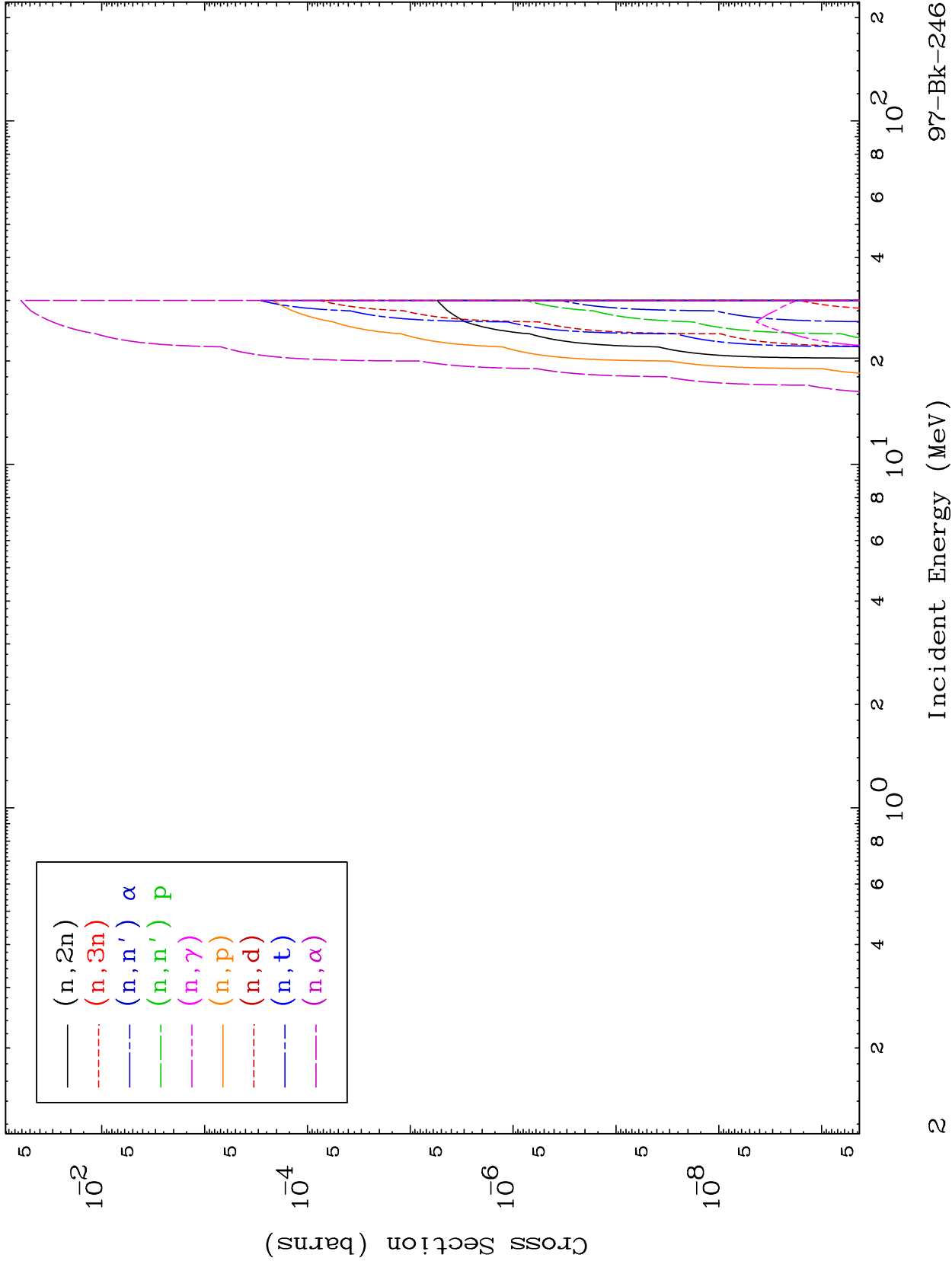
Incident Energy (MeV)

97-Bk-246

MAT 9743

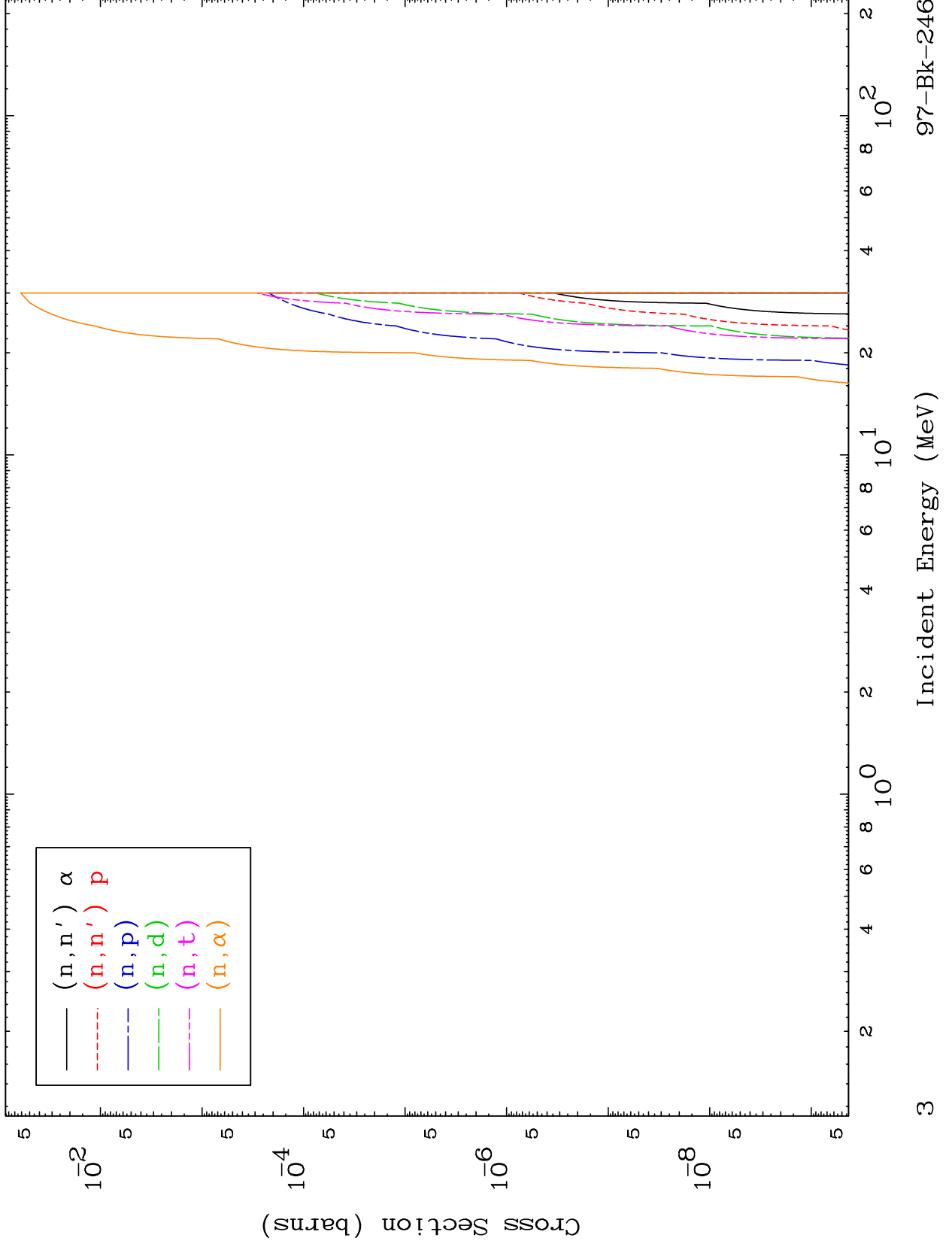
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

97-Bk-246



97-Bk-246

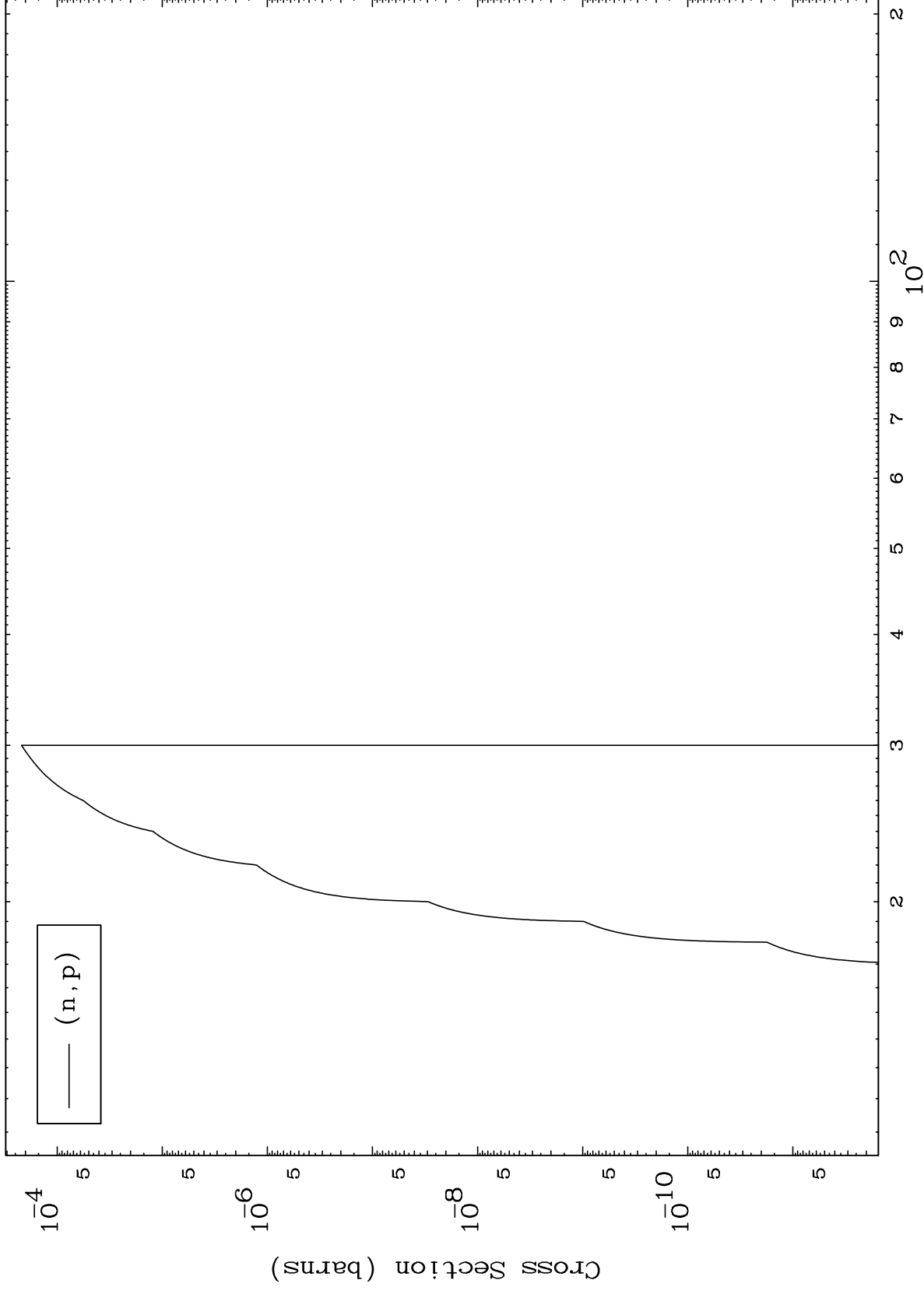
Incident Energy (MeV)



MAT 9743

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

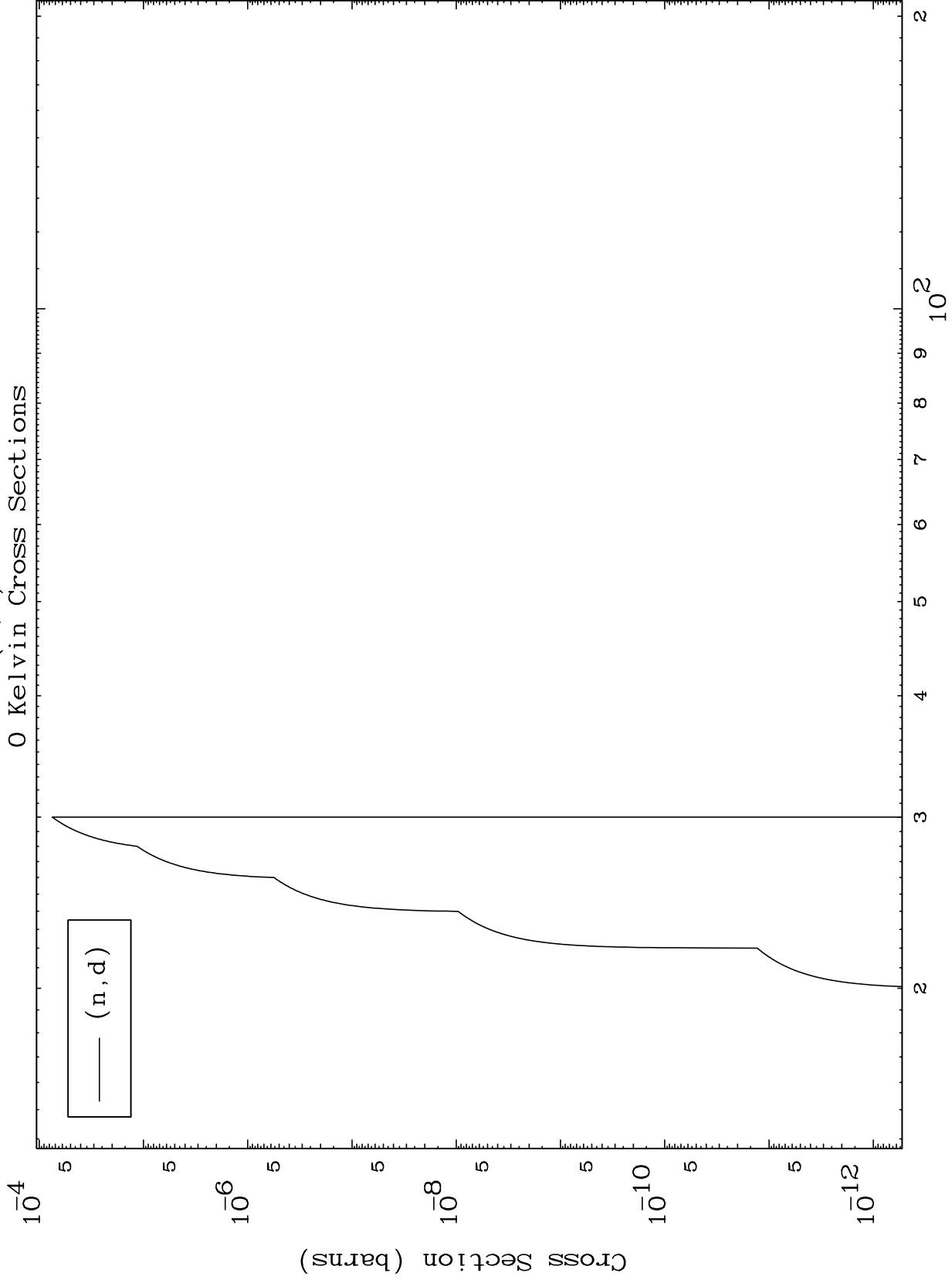
97-Bk-246



MAT 9743

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

97-Bk-246



5

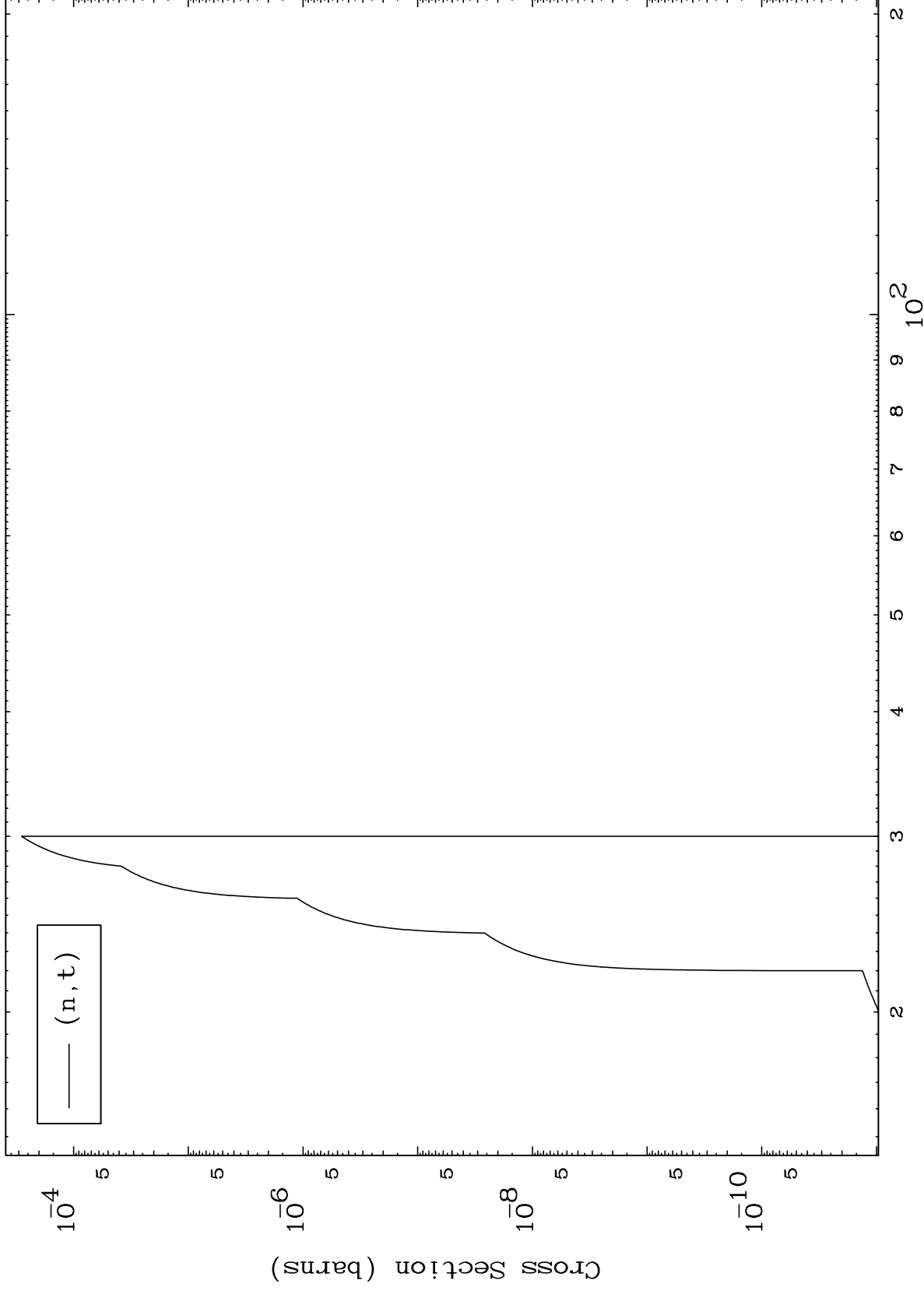
Incident Energy (MeV)

97-Bk-246

MAT 9743

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

97-Bk-246



6

Incident Energy (MeV)

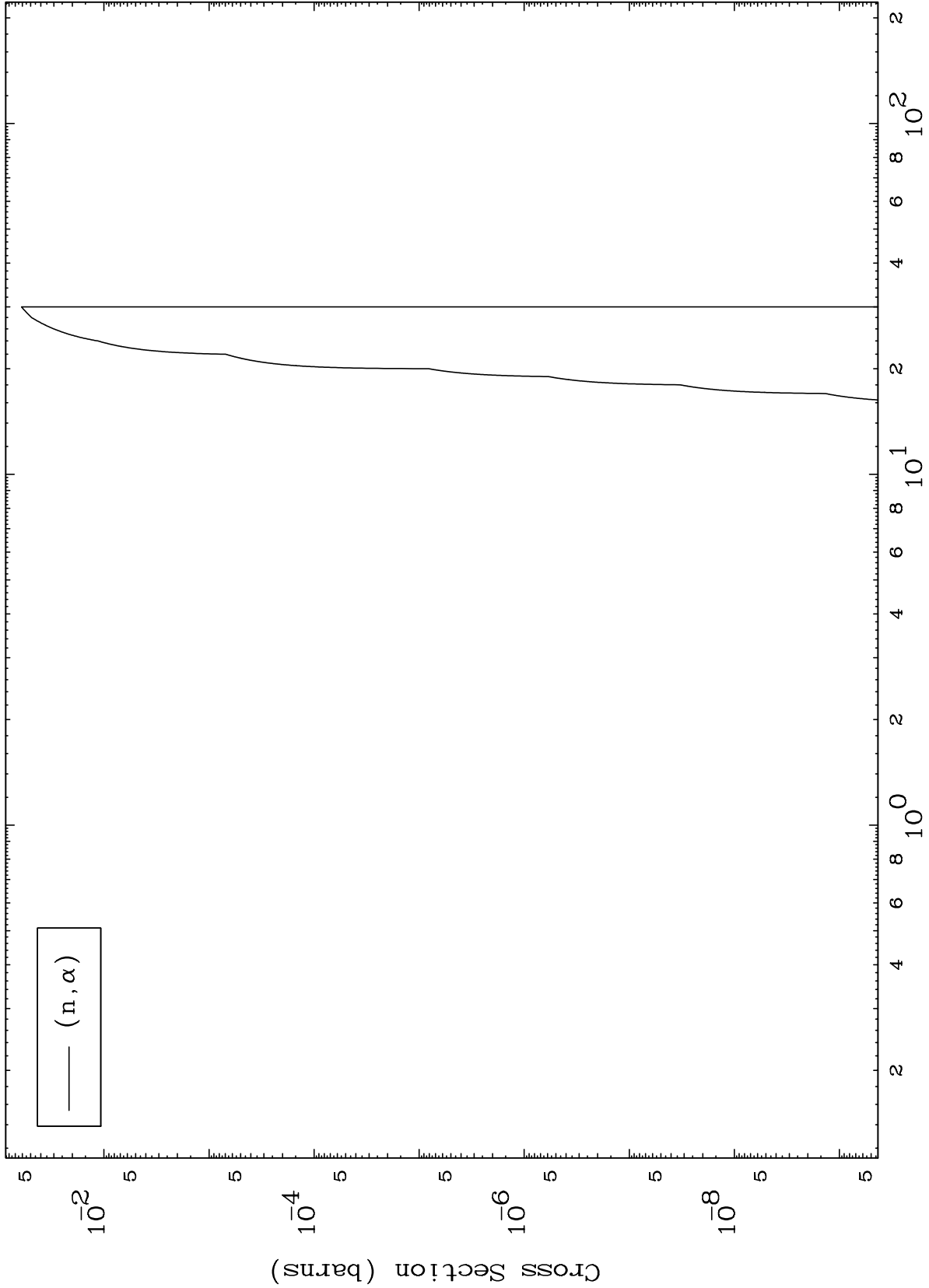
97-Bk-246

MAT 9743

( $\alpha, \alpha$ ) Levels

97-Bk-246

0 Kelvin Cross Sections

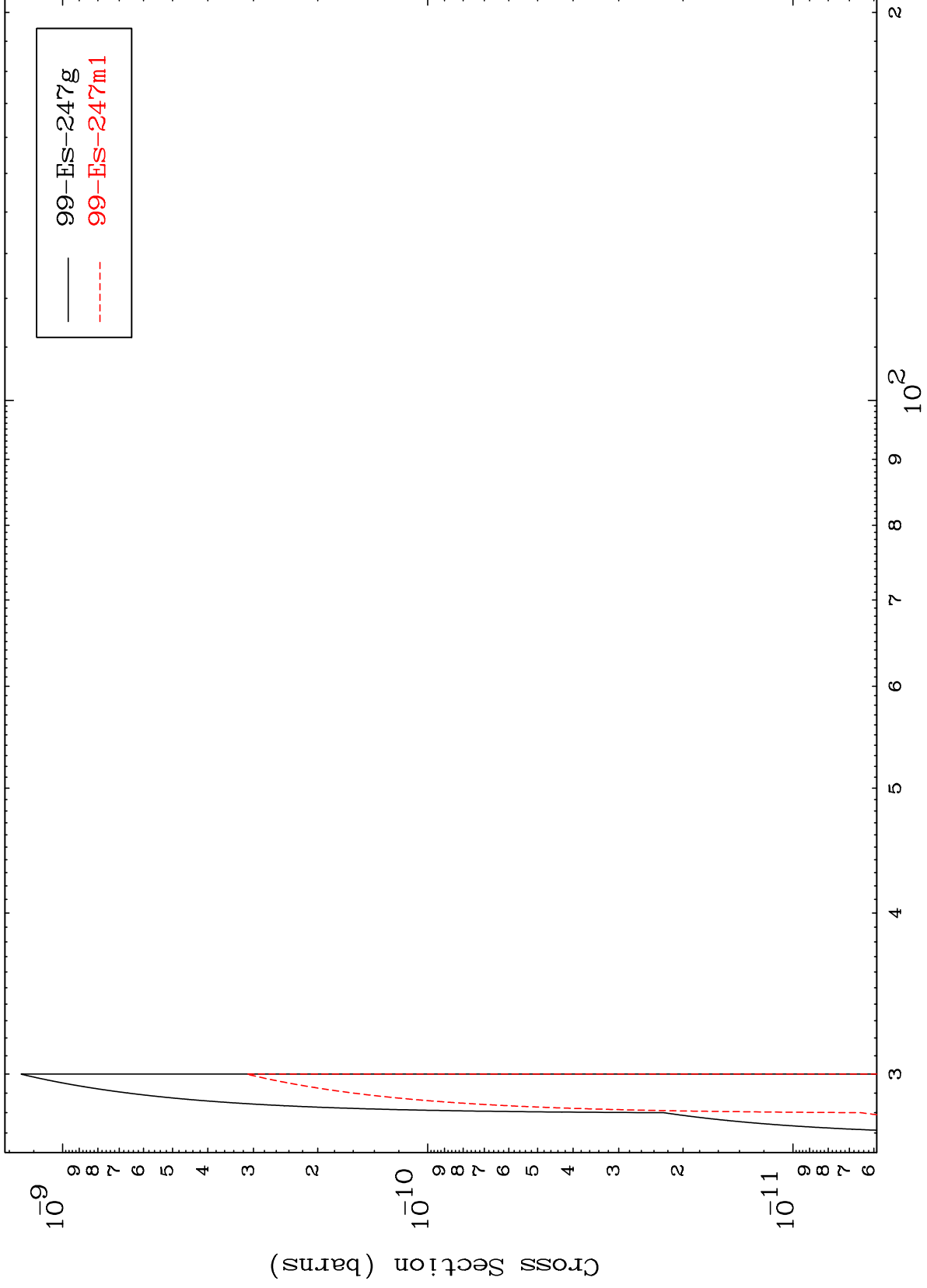


MAT 9743

(n,3n)

97-Bk-246

Radionuclide Production Cross Section



8

Incident Energy (MeV)

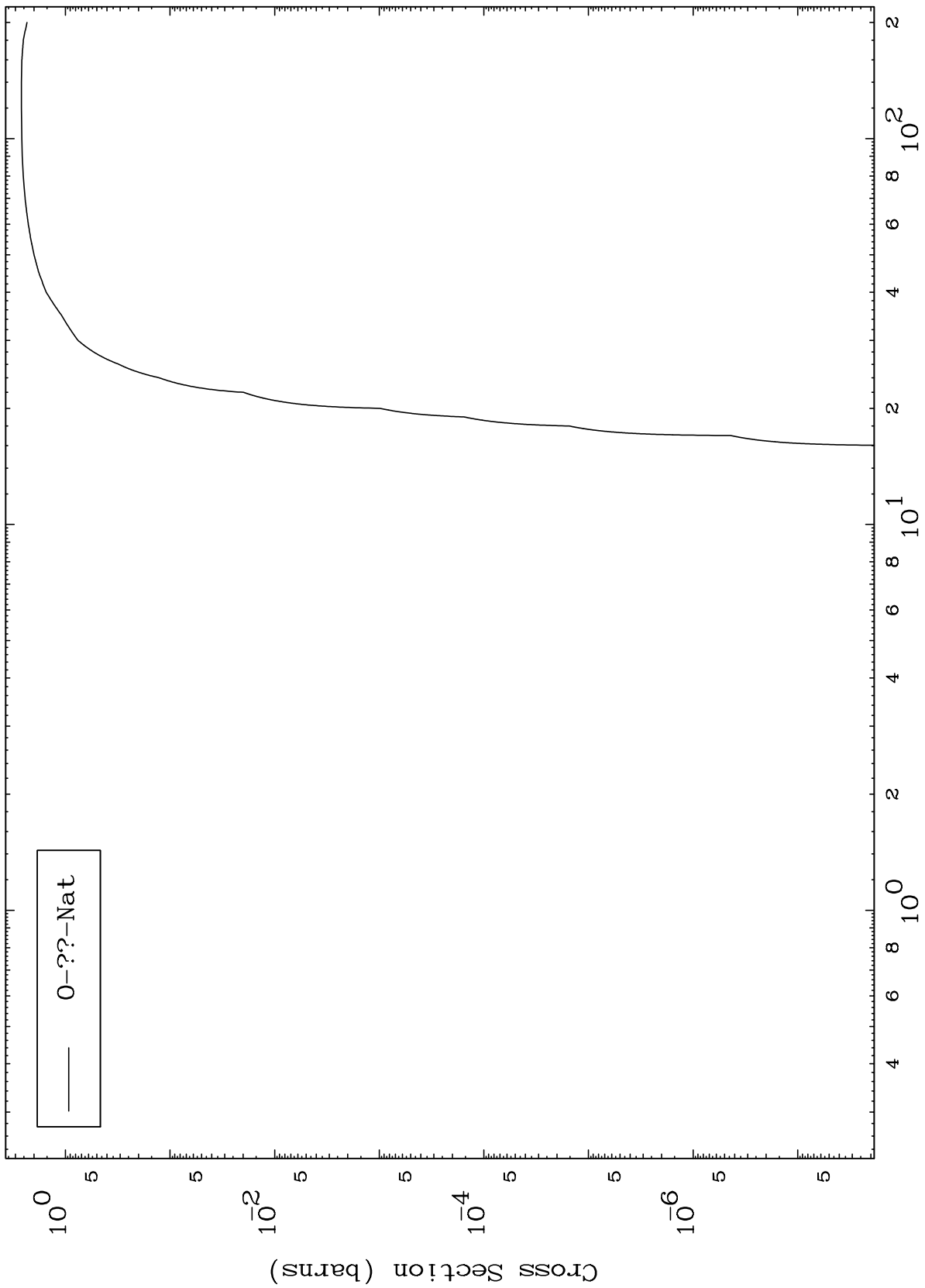
97-Bk-246

MAT 9743

Fission

97-Bk-246

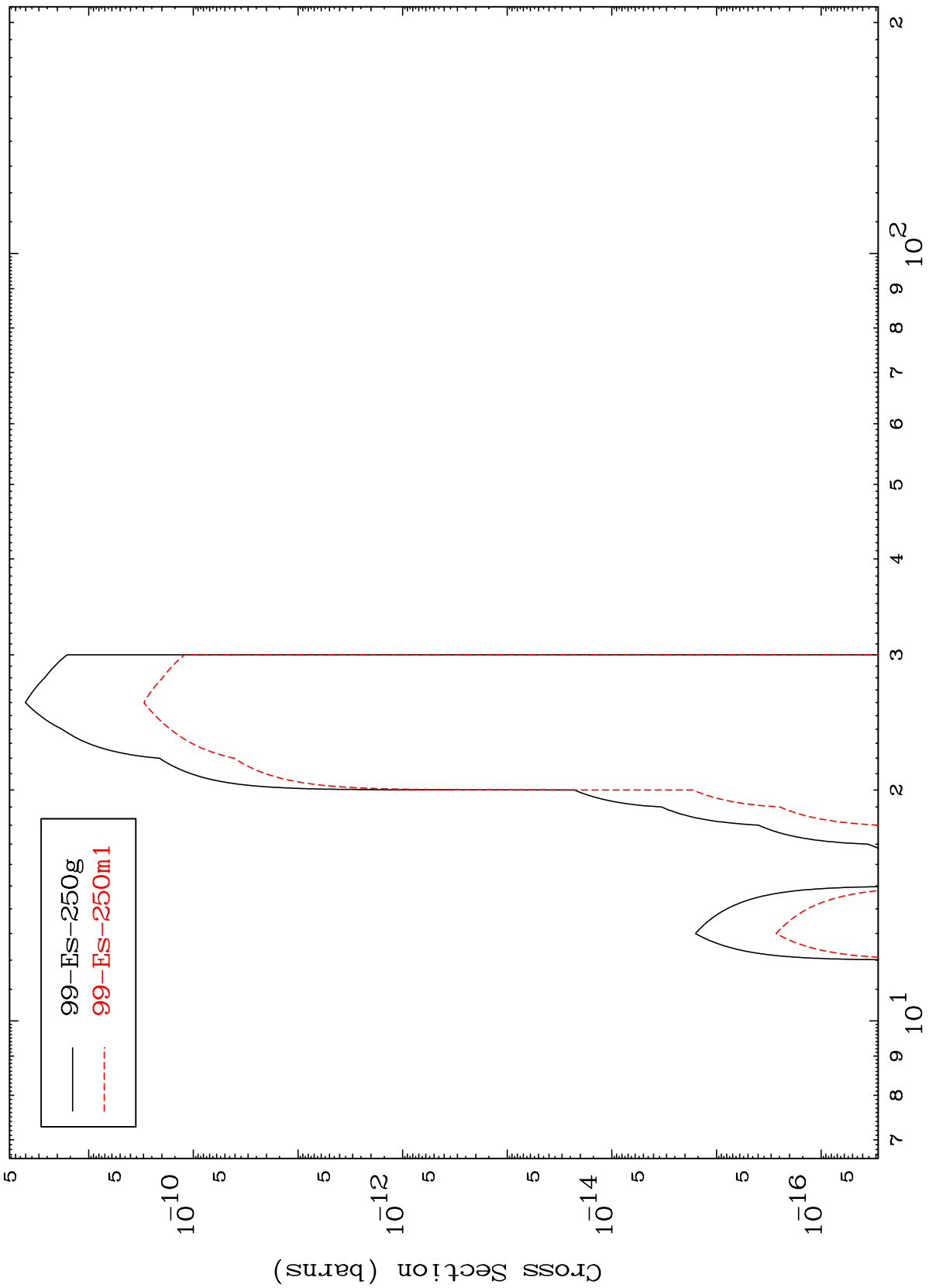
Radionuclide Production Cross Section



MAT 9743

97-Bk-246

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



97-Bk-246

Incident Energy (MeV)

10