

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

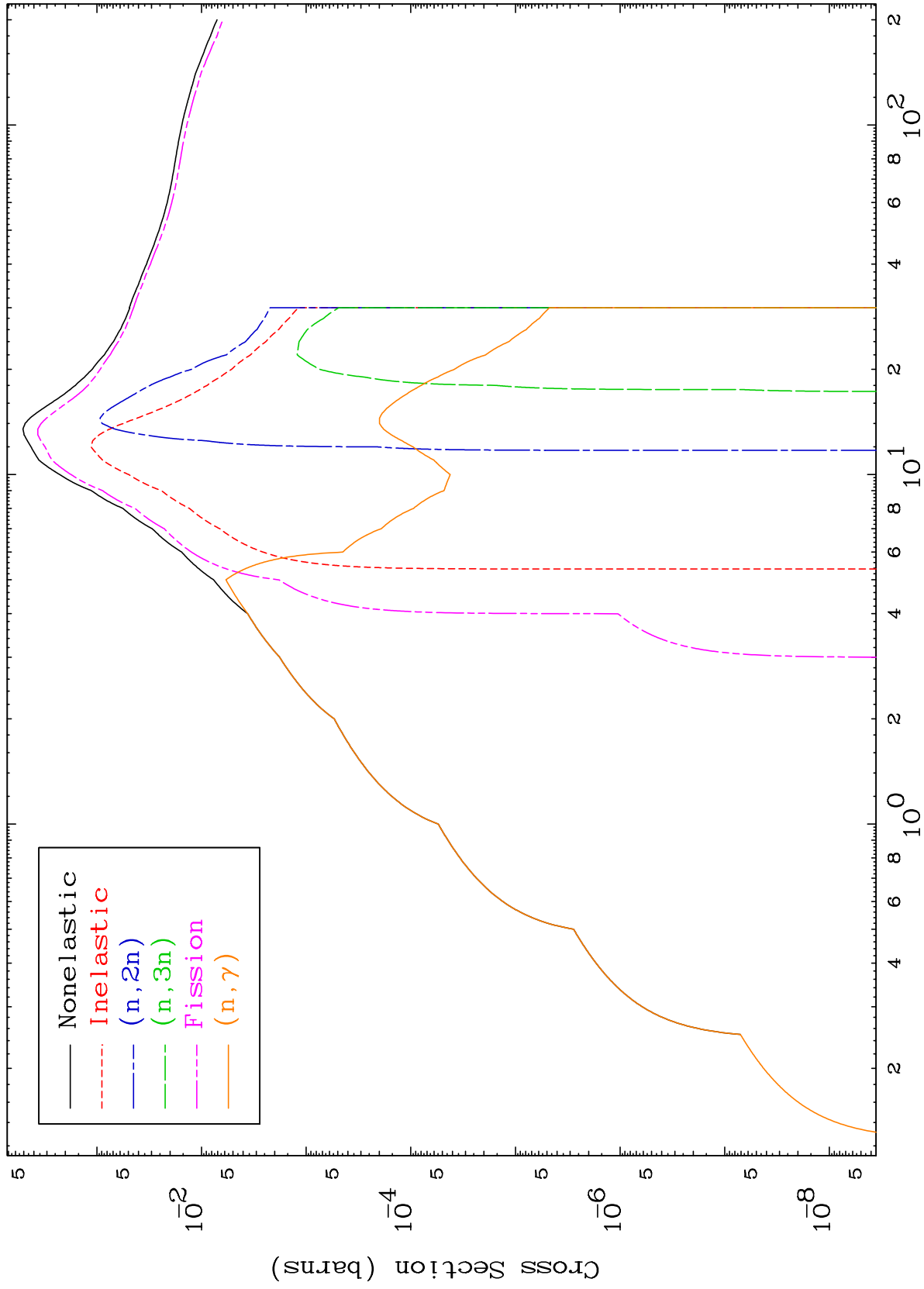
Press Mouse Button to Start

MAT 9552

Photon Major

95-Am-244

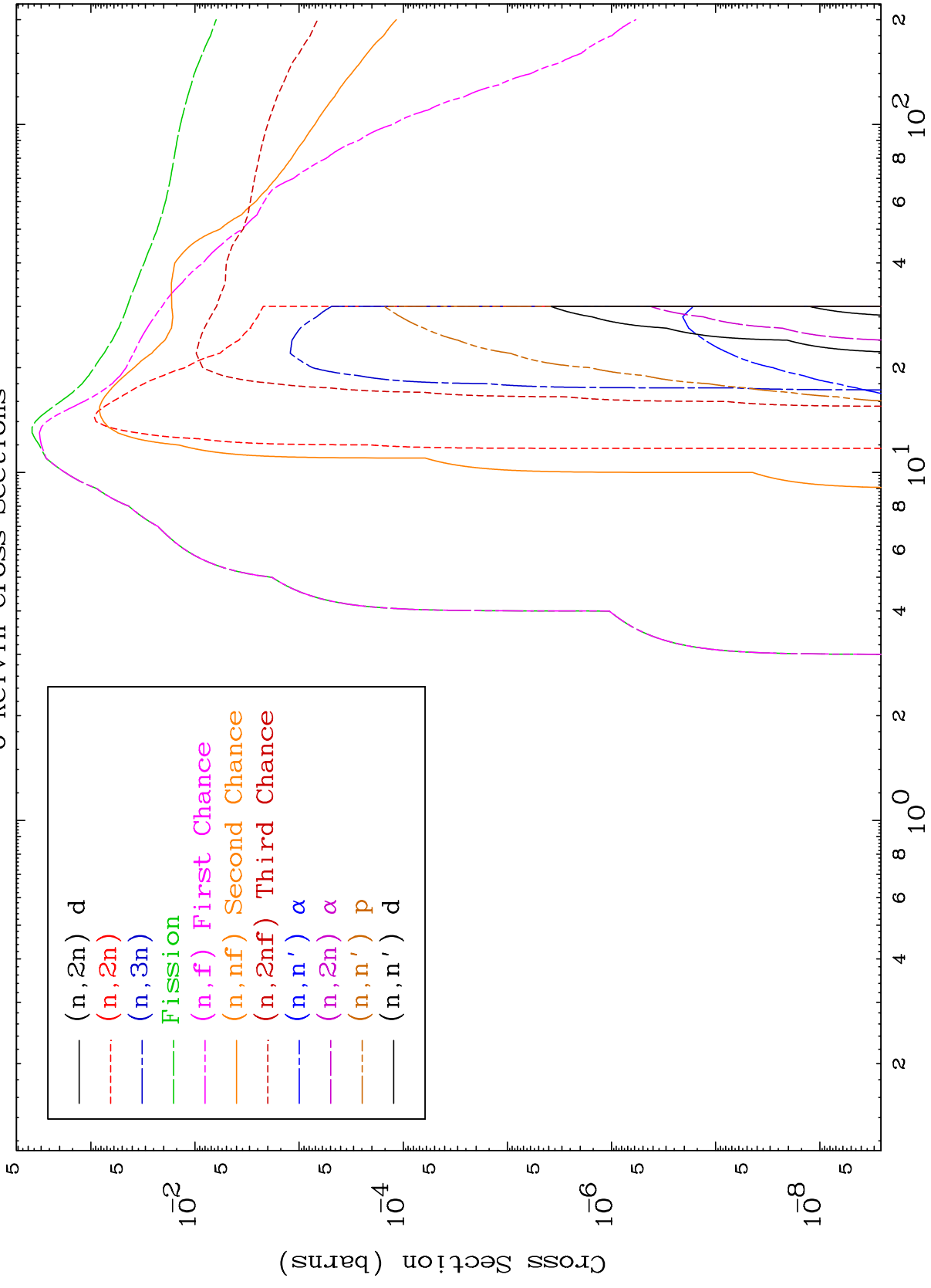
0 Kelvin Cross Sections



1

Incident Energy (MeV)

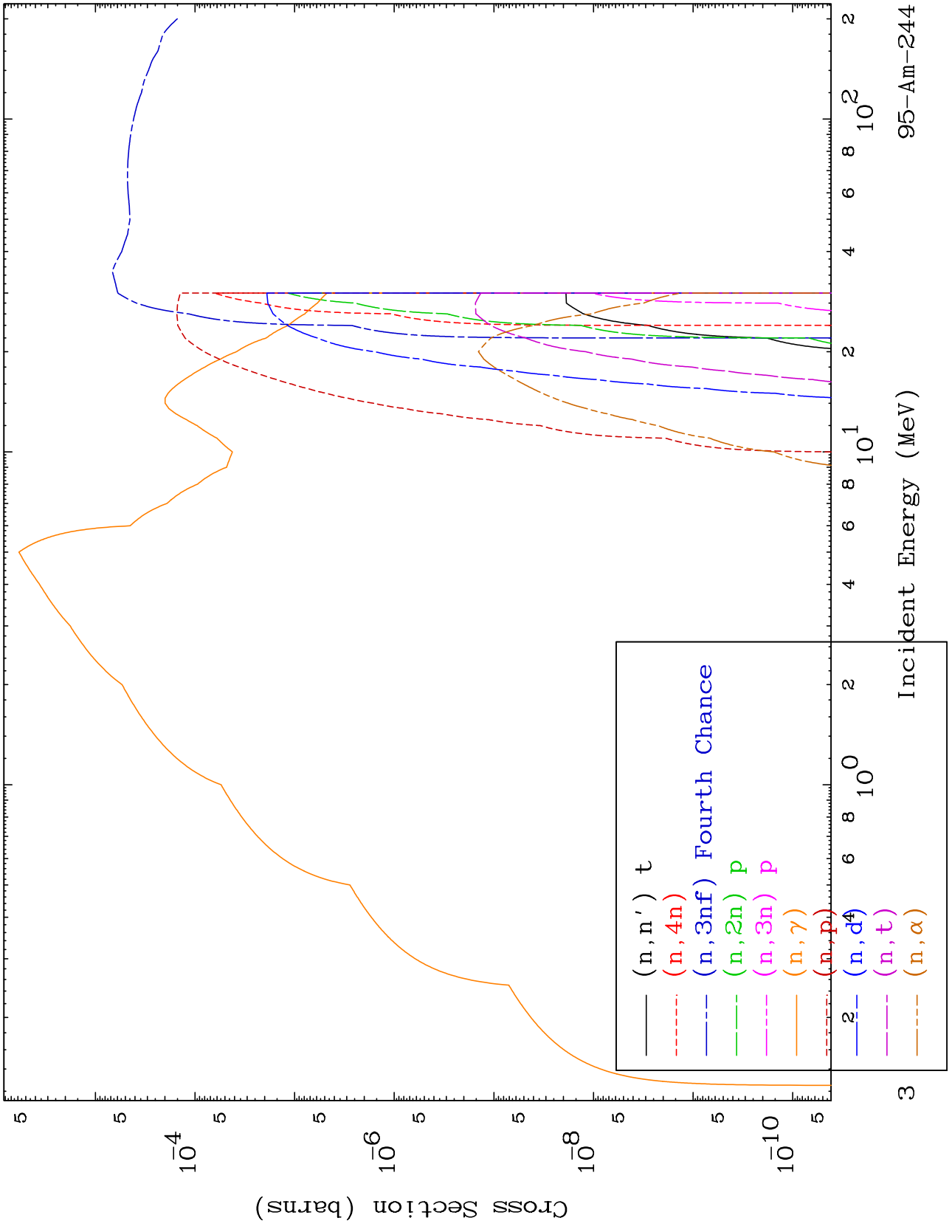
95-Am-244

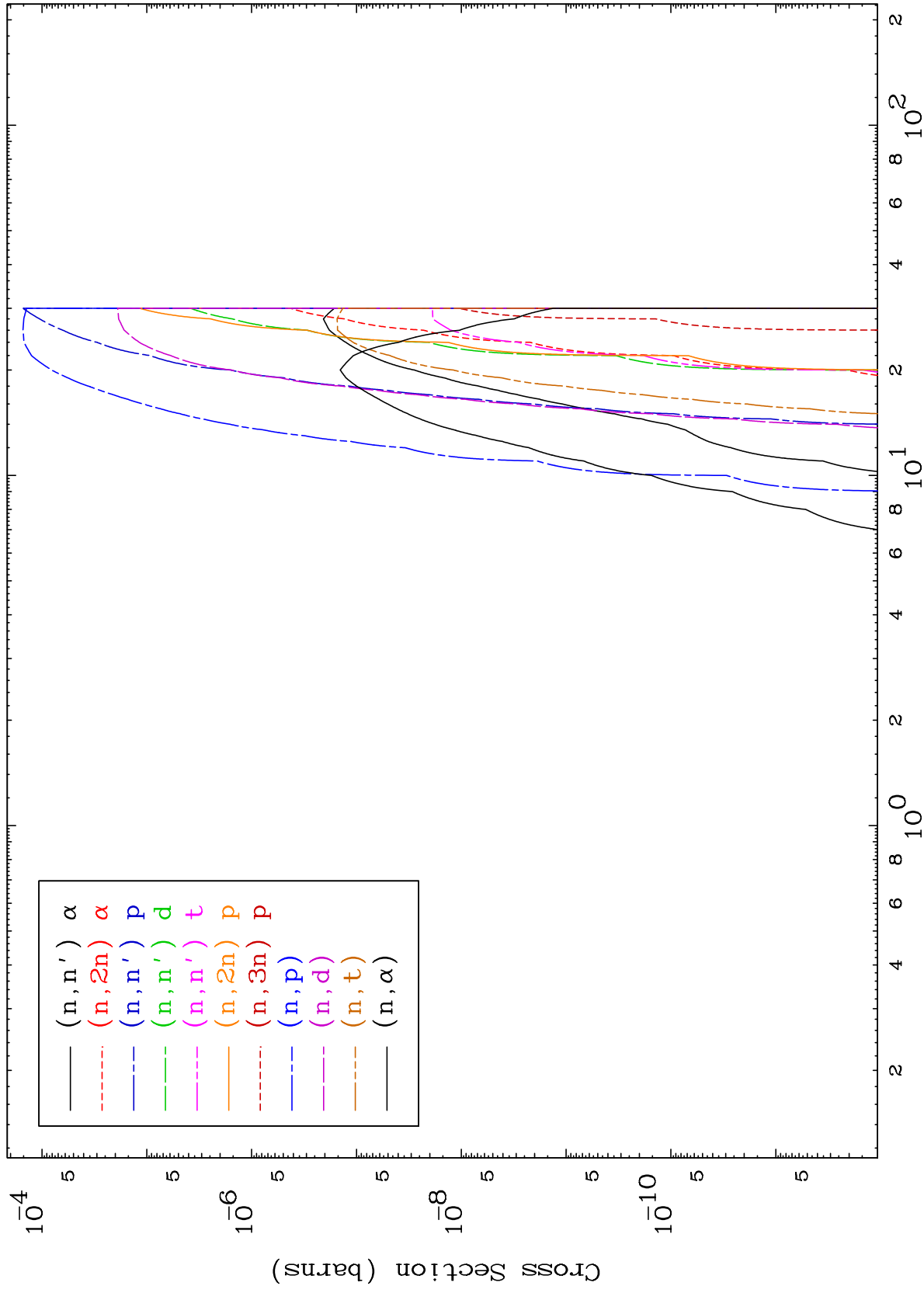


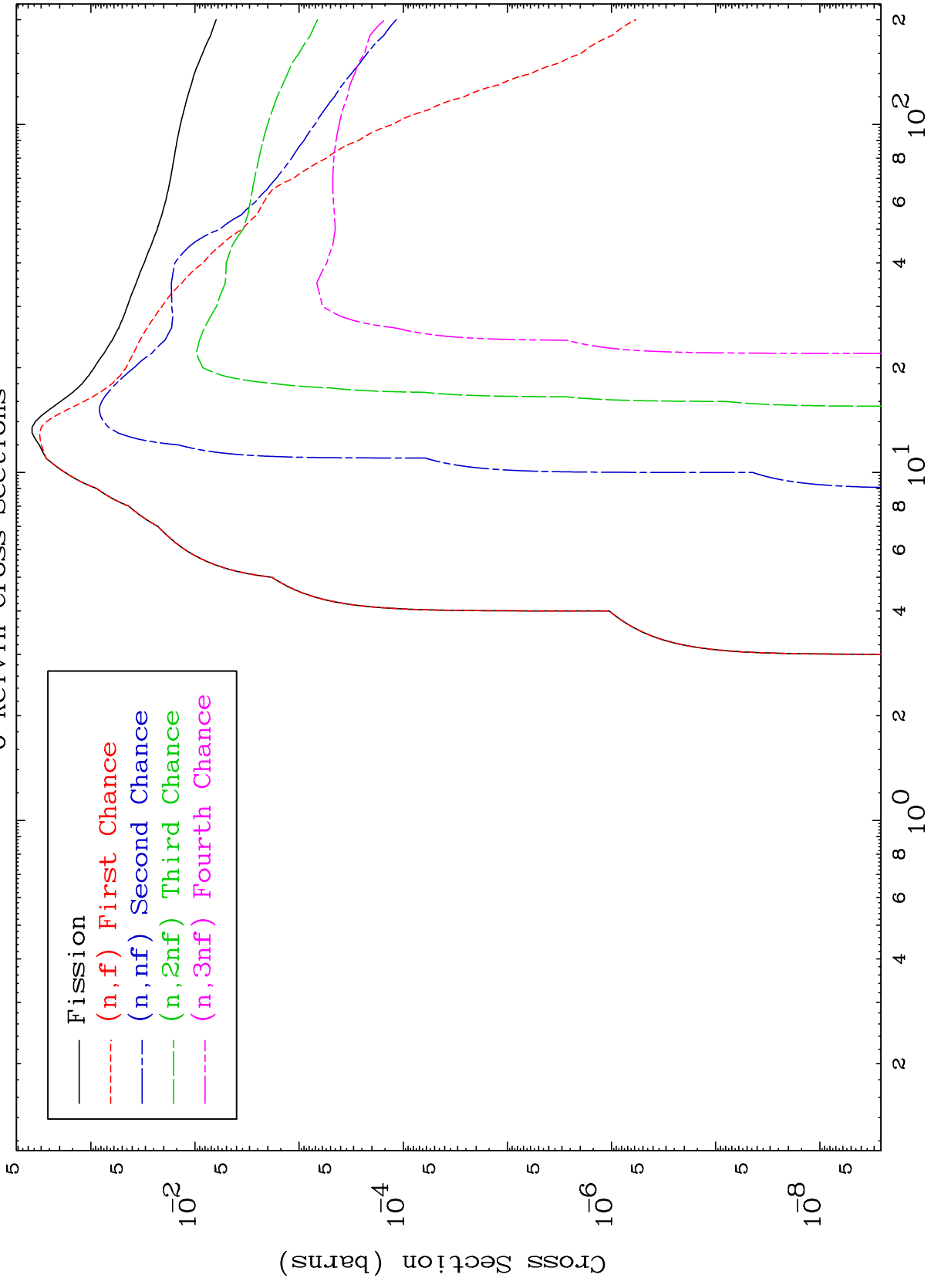
MAT 9552

Photon Neutron Absorption  
0 Kelvin Cross Sections

95-Am-244



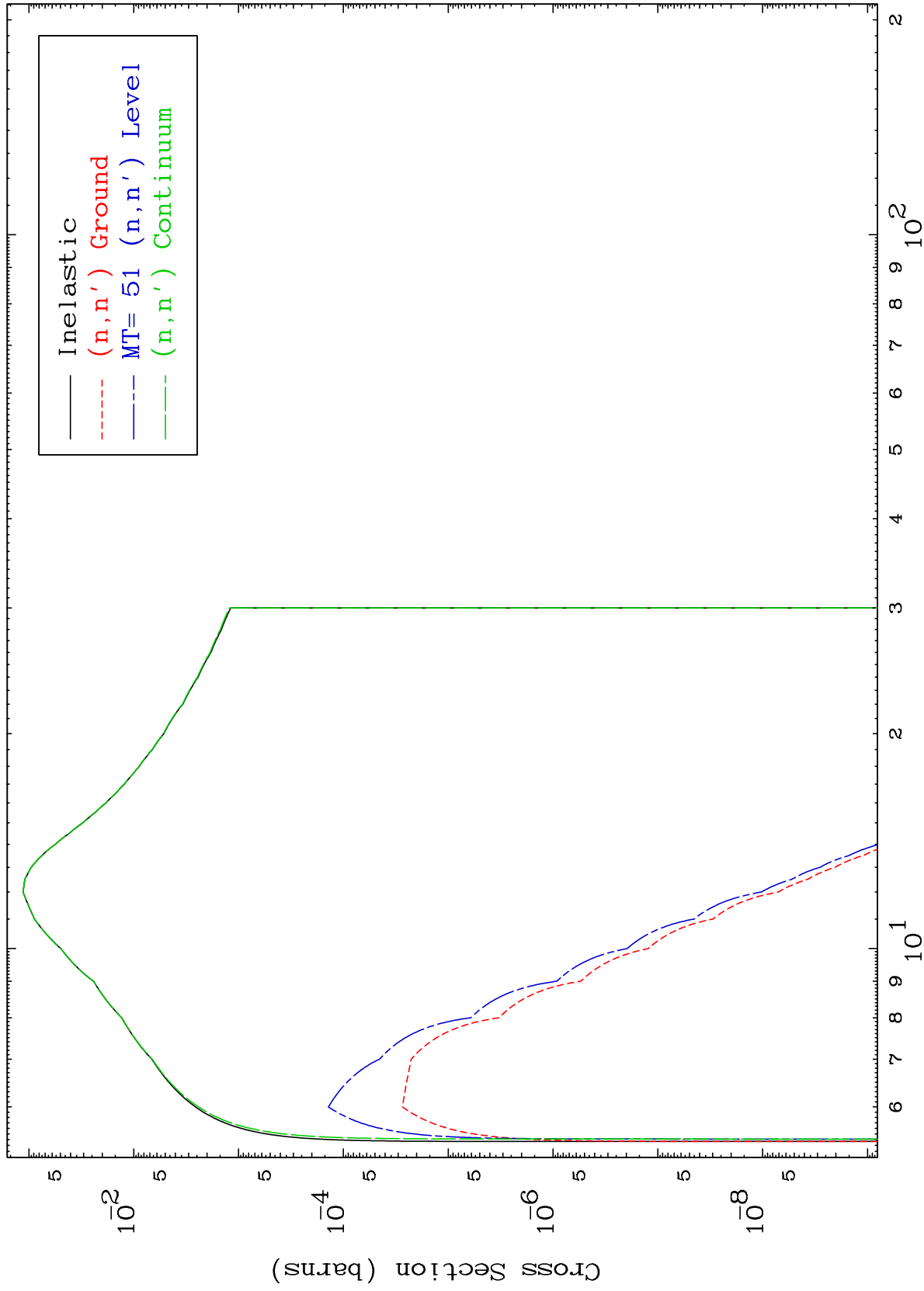




MAT 9552

95-Am-244

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



6

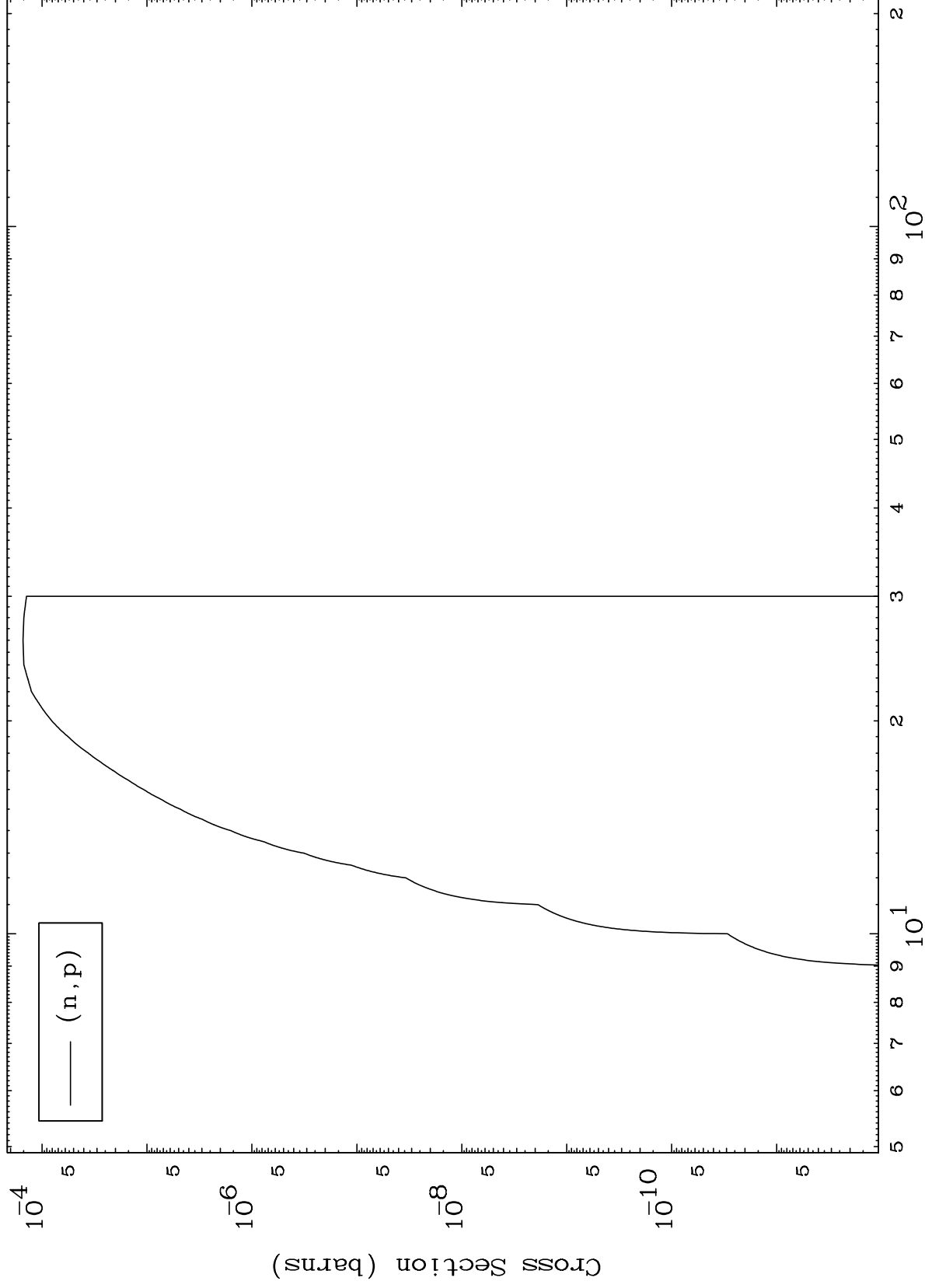
Incident Energy (MeV)

95-Am-244

MAT 9552

95-Am-244

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



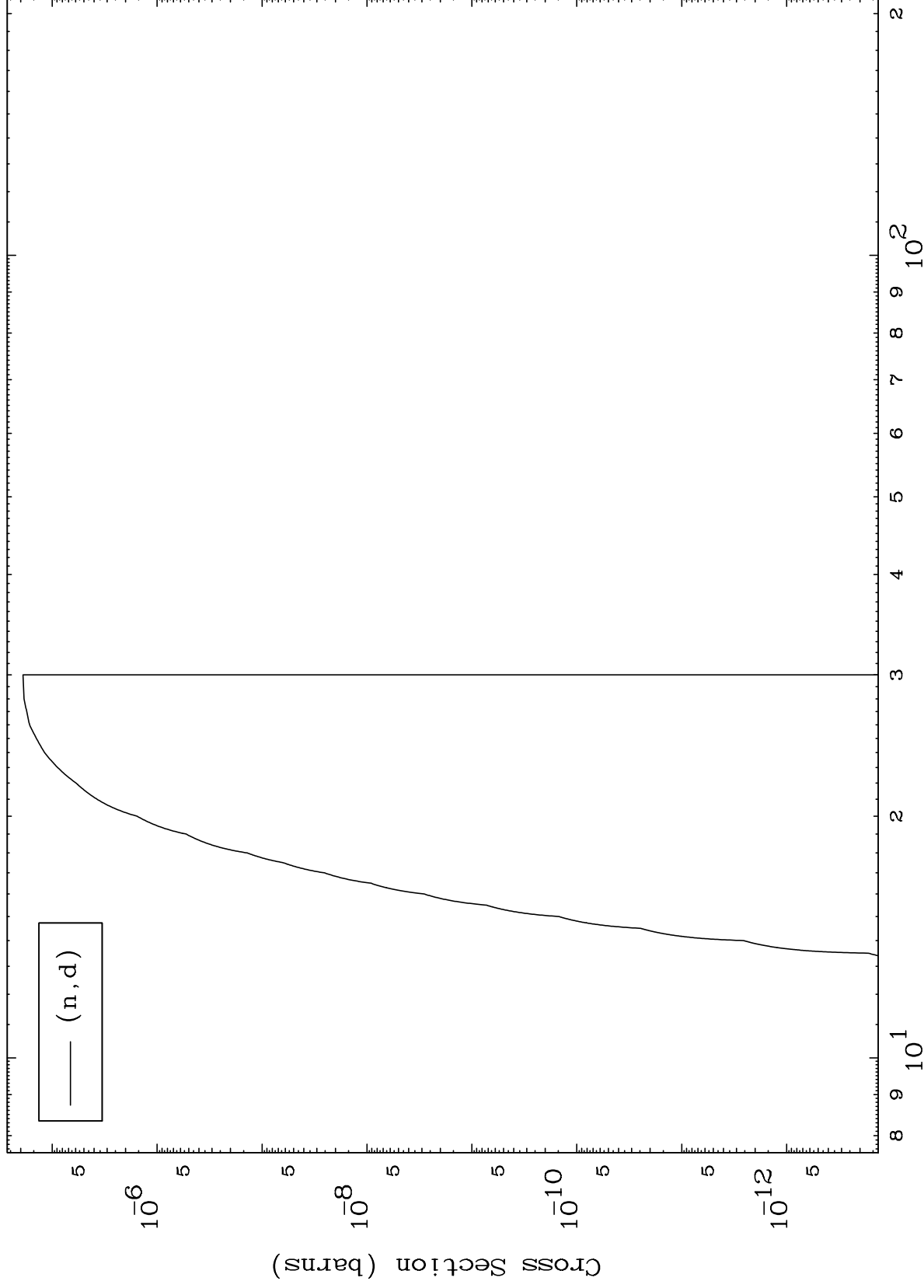
7

95-Am-244

MAT 9552

95-Am-244

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



8

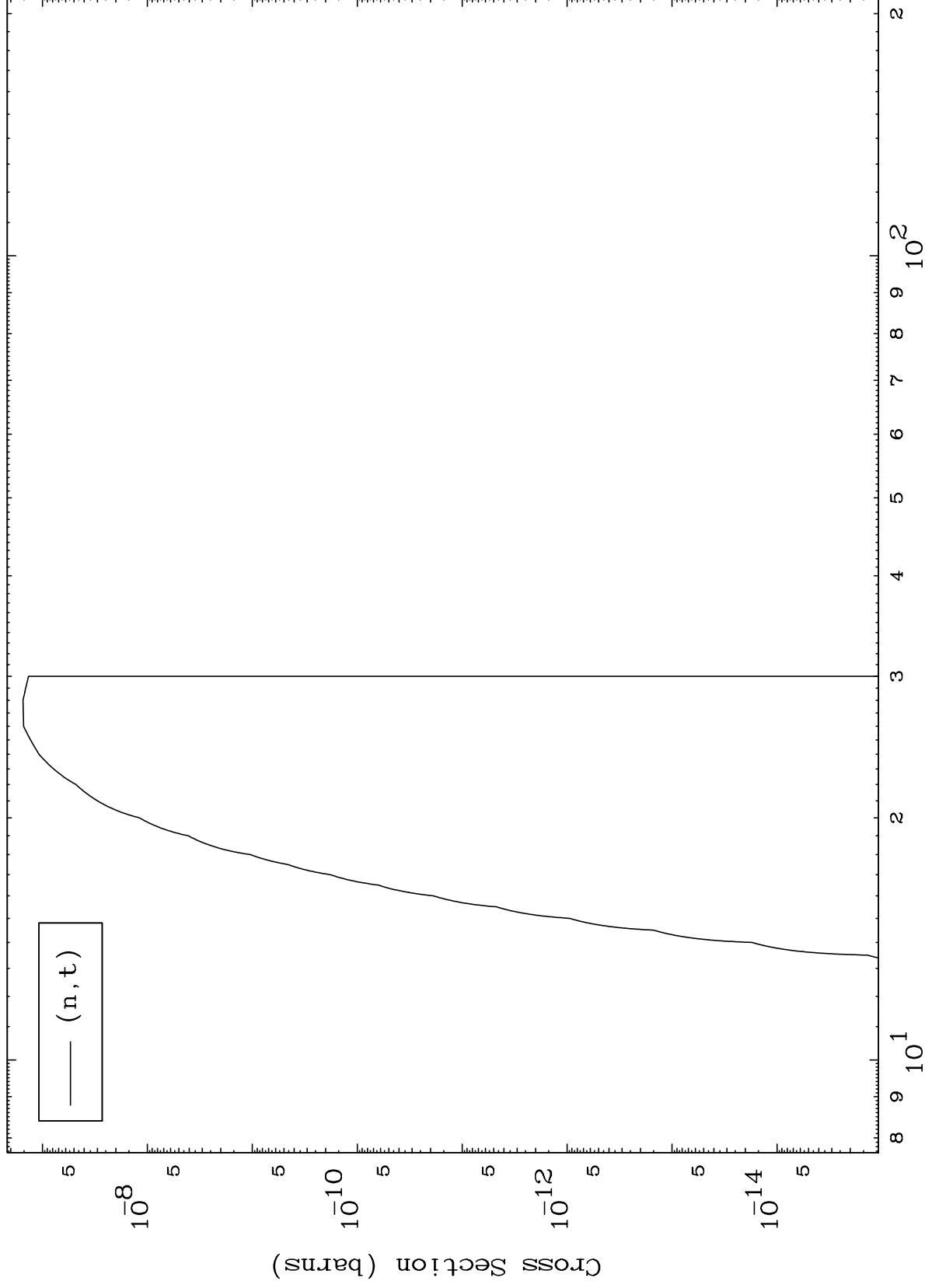
Incident Energy (MeV)

95-Am-244

MAT 9552

95-Am-244

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



9

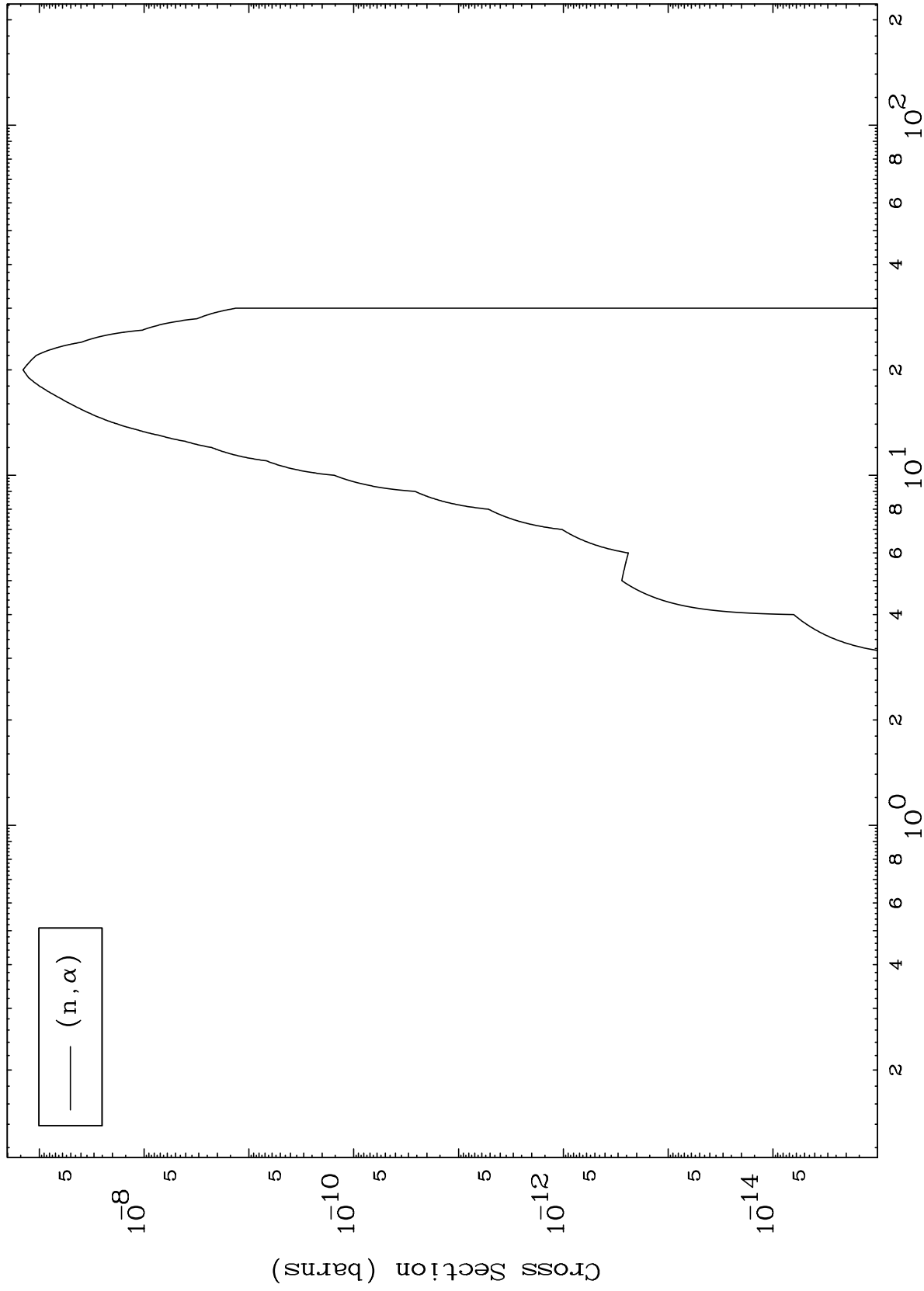
Incident Energy (MeV)

95-Am-244

MAT 9552

95-Am-244

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



10

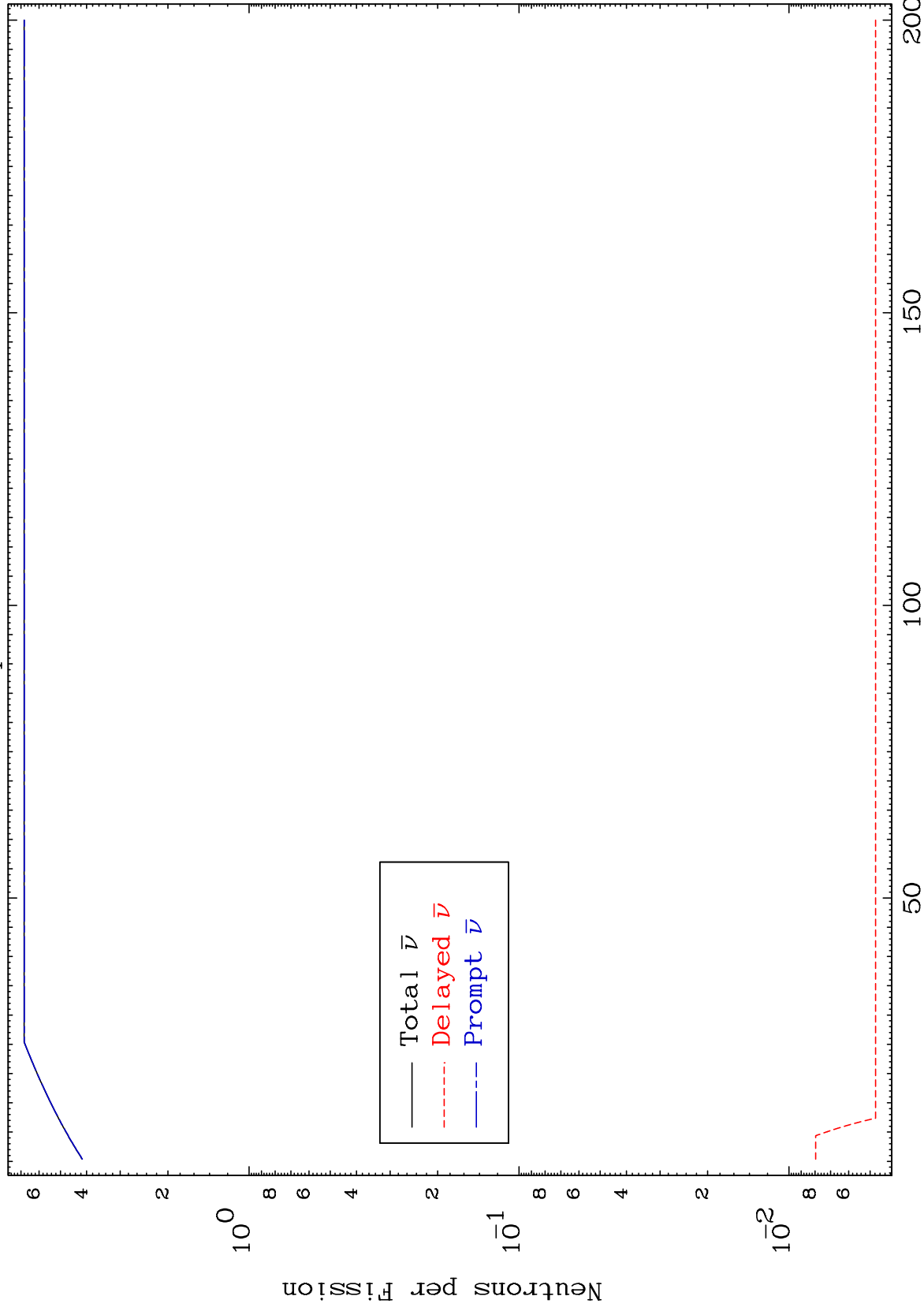
Incident Energy (MeV)

95-Am-244

MAT 9552

Photon Neutrons  
per Fission

95-Am-244



11

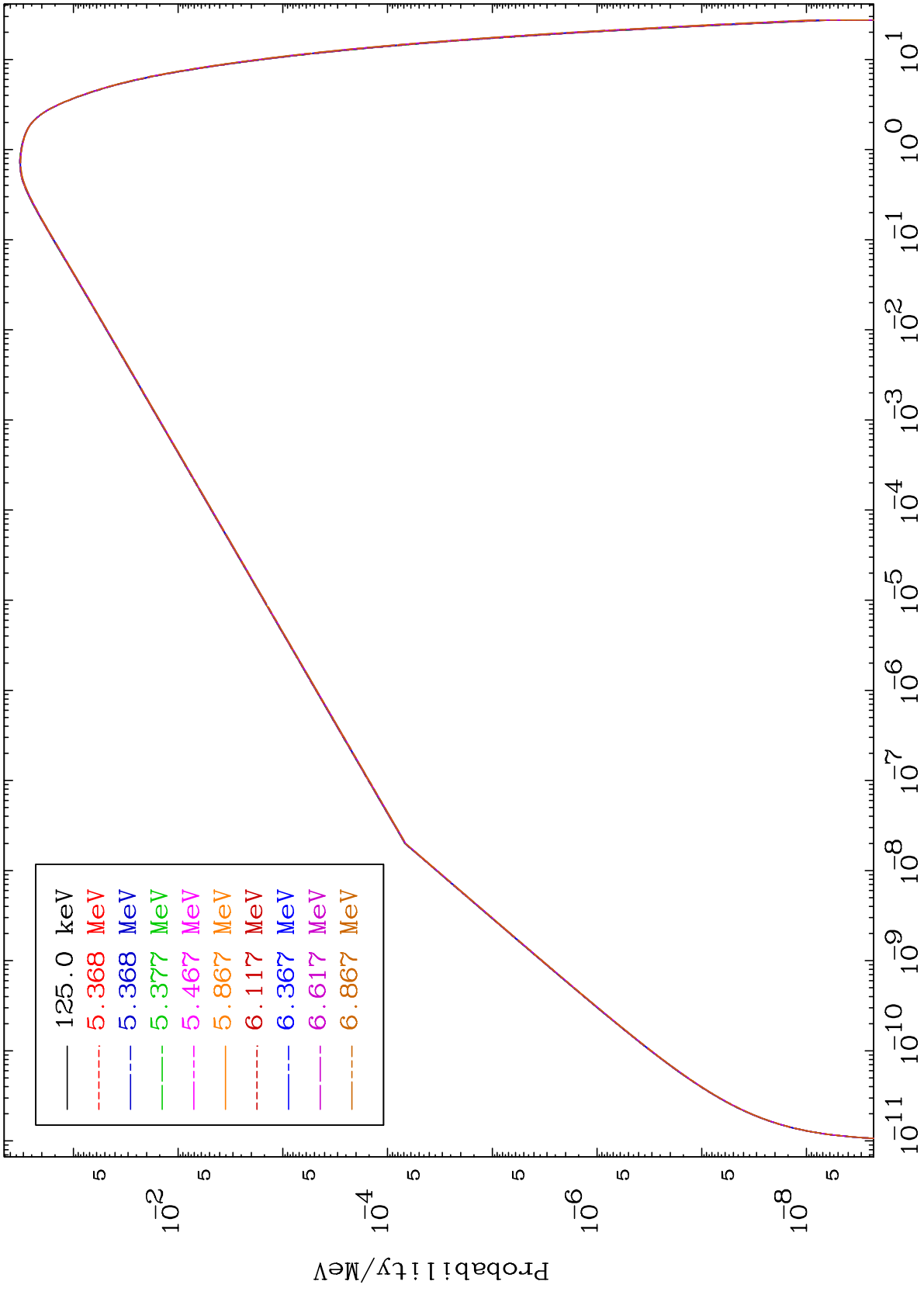
Incident Energy (MeV)

95-Am-244

MAT 9552

Fission  
Energy Distributions

95-Am-244



12

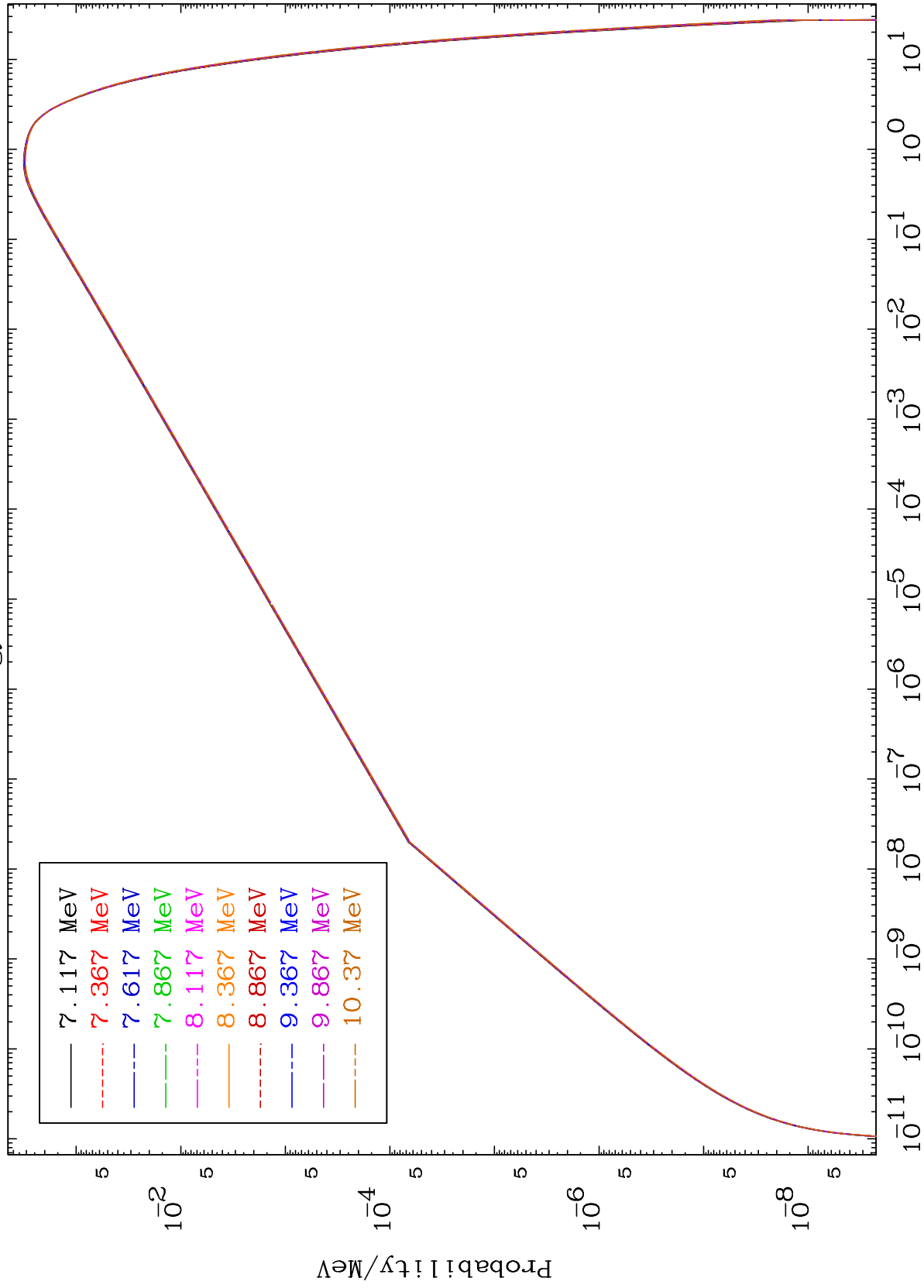
Secondary Energy (MeV)

95-Am-244

MAT 9552

Fission  
Energy Distributions

95-Am-244

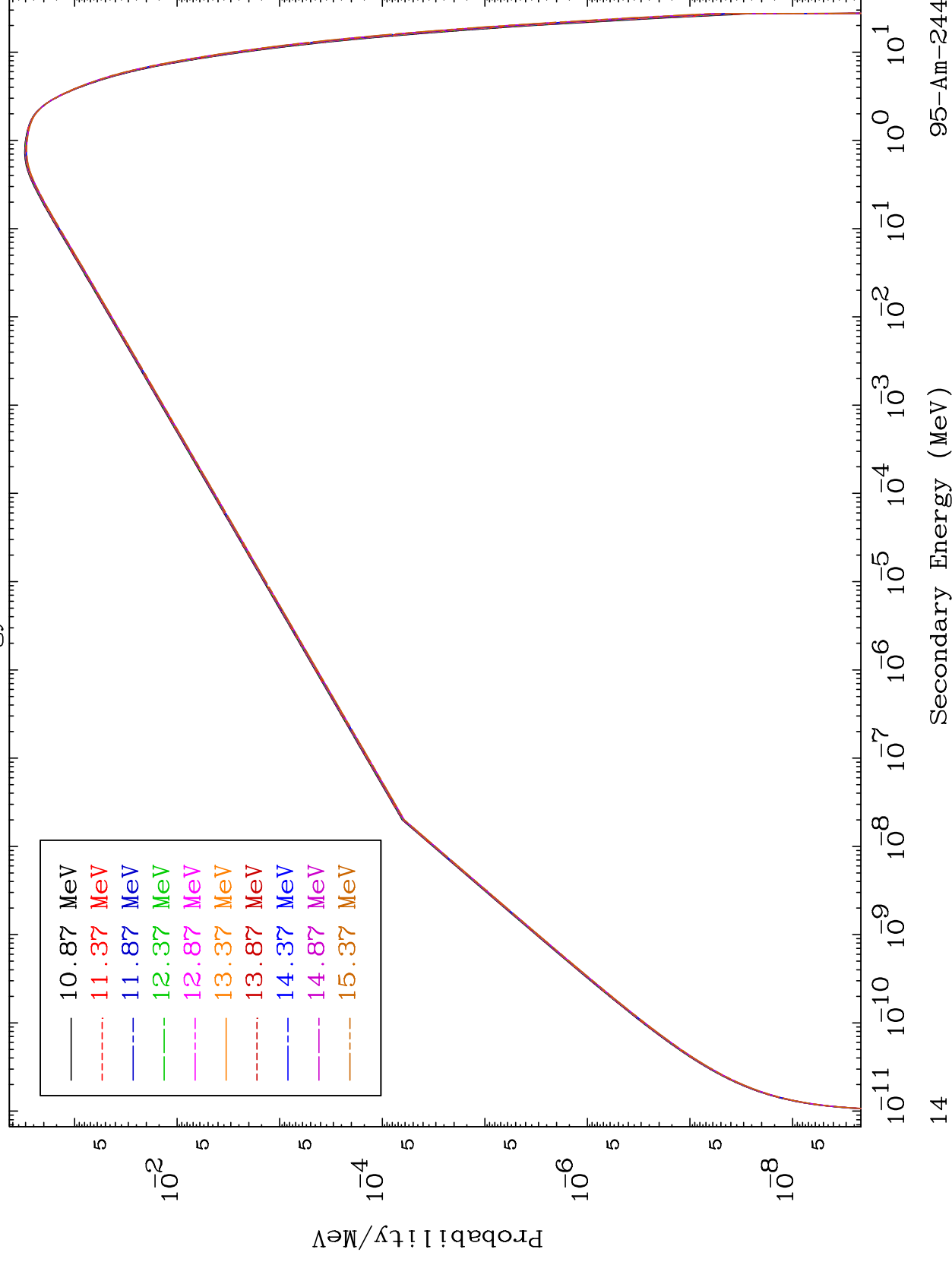


MAT 9552

## Fission

## Fission Energy Distributions

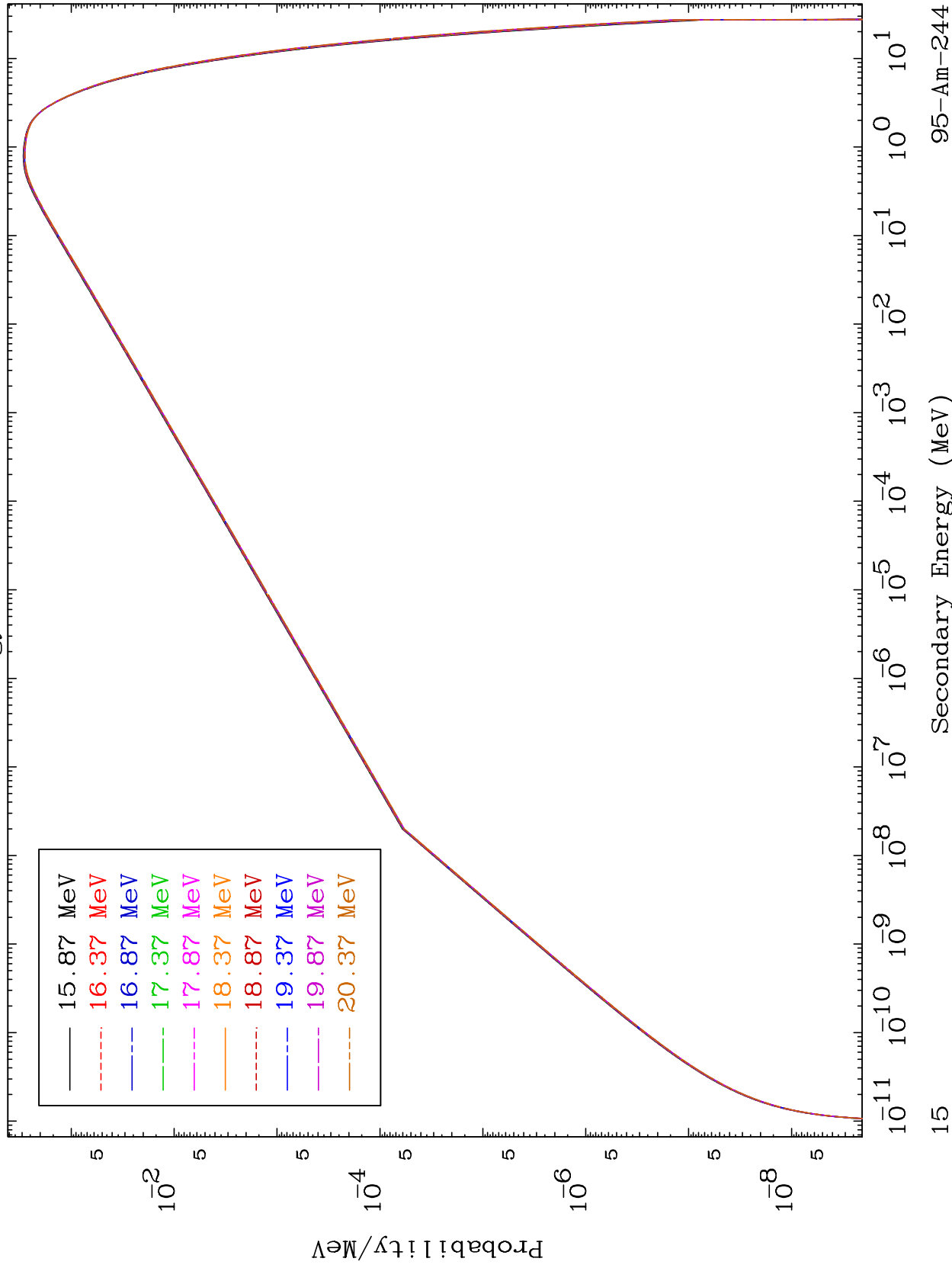
95-Am-244



MAT 9552

Fission  
Energy Distributions

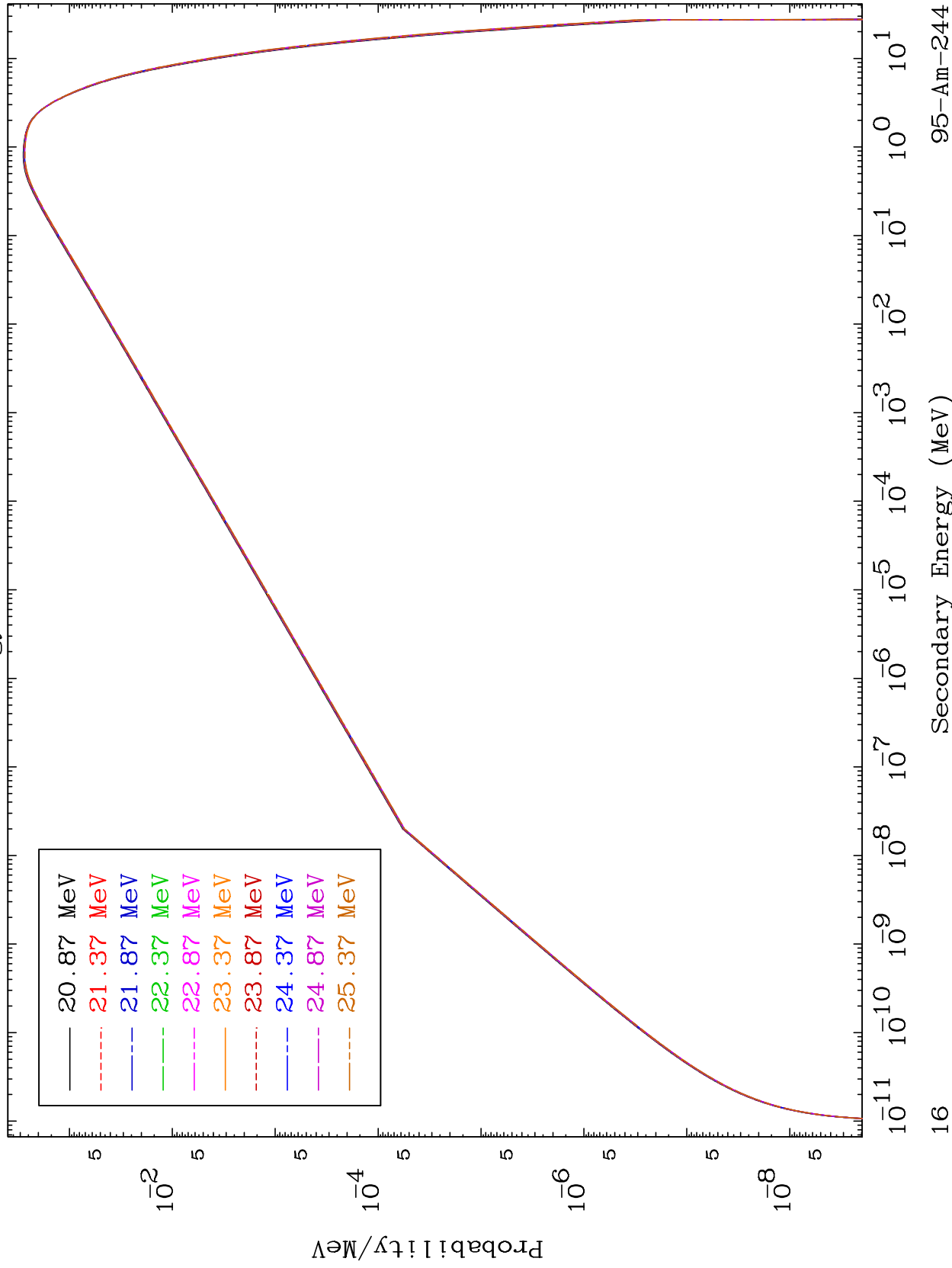
95-Am-244



MAT 9552

Fission  
Energy Distributions

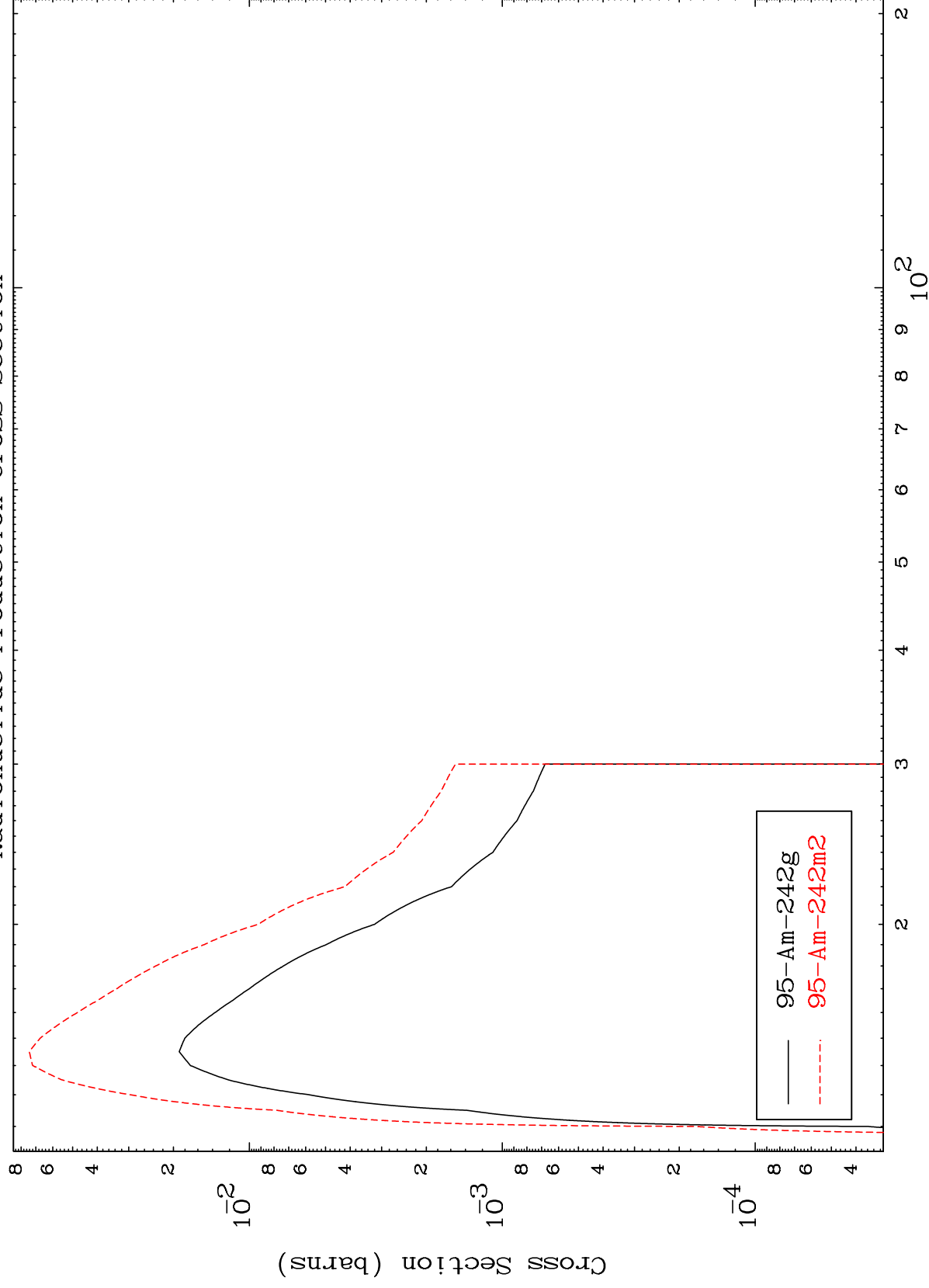
95-Am-244



MAT 9552

95-Am-244

(n,2n)  
Radionuclide Production Cross Section



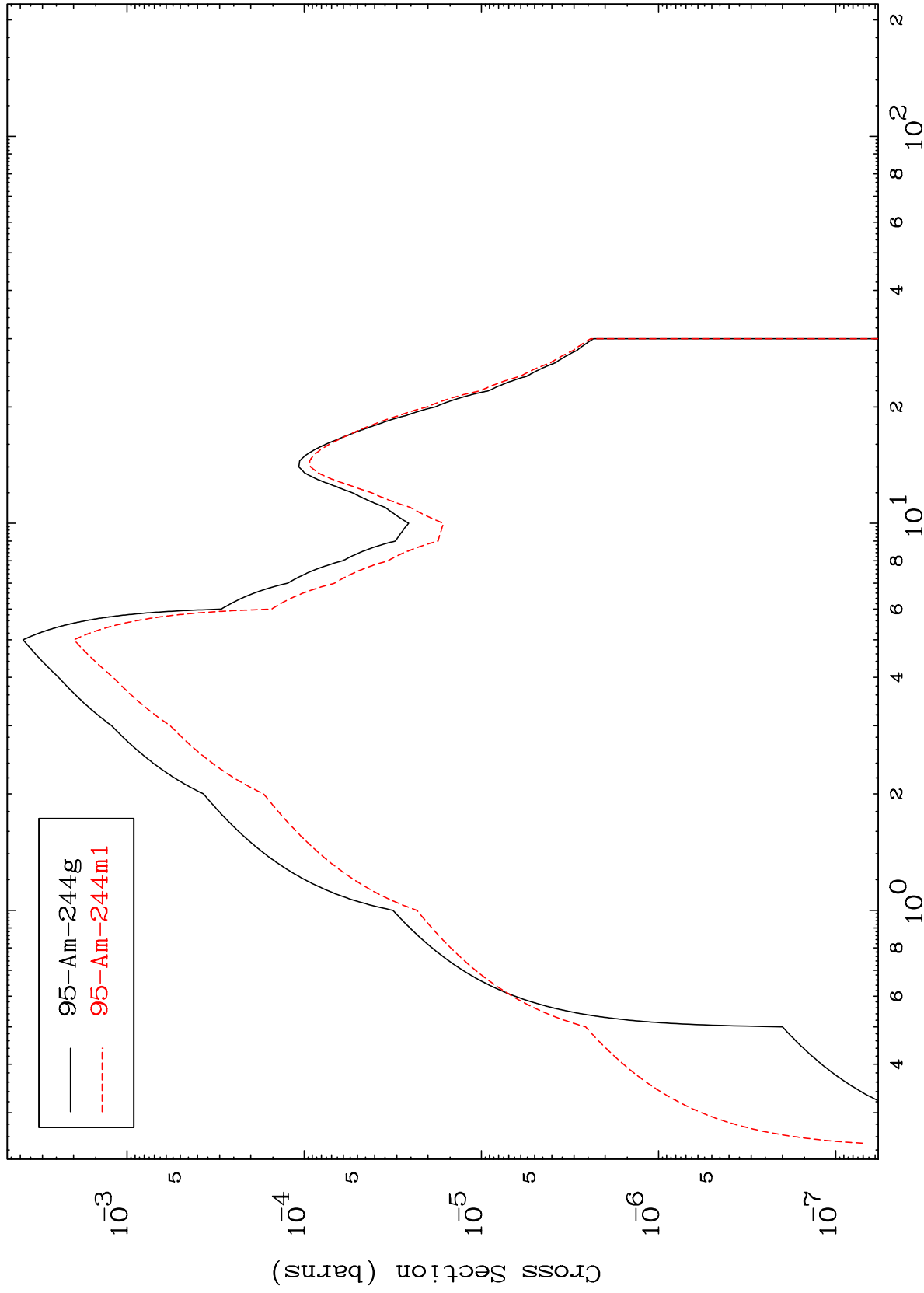
17

95-Am-244

MAT 9552

95-Am-244

Radionuclide Production Cross Section



18

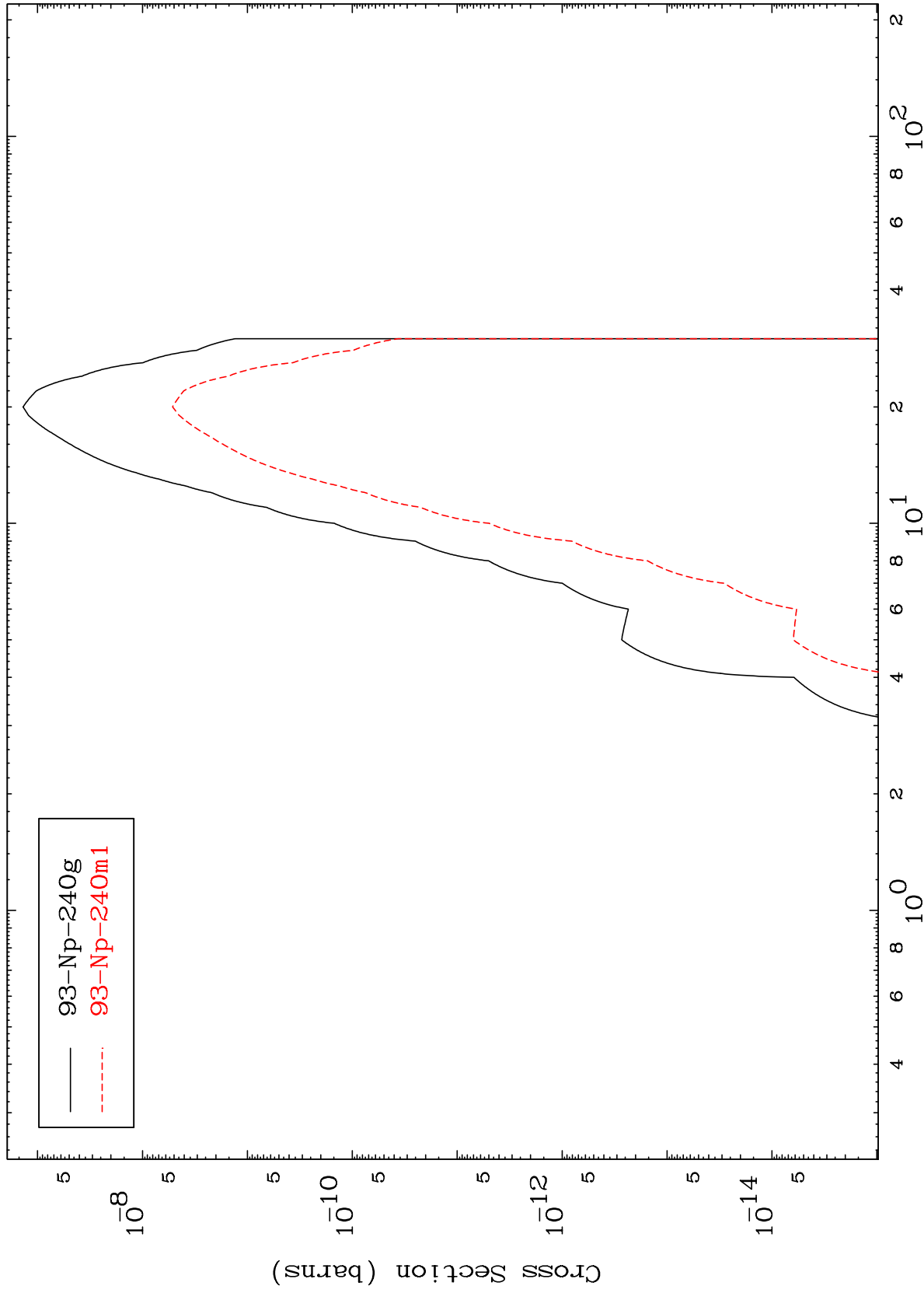
Incident Energy (MeV)

95-Am-244

MAT 9552

95-Am-244

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



19

Incident Energy (MeV)

95-Am-244