

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

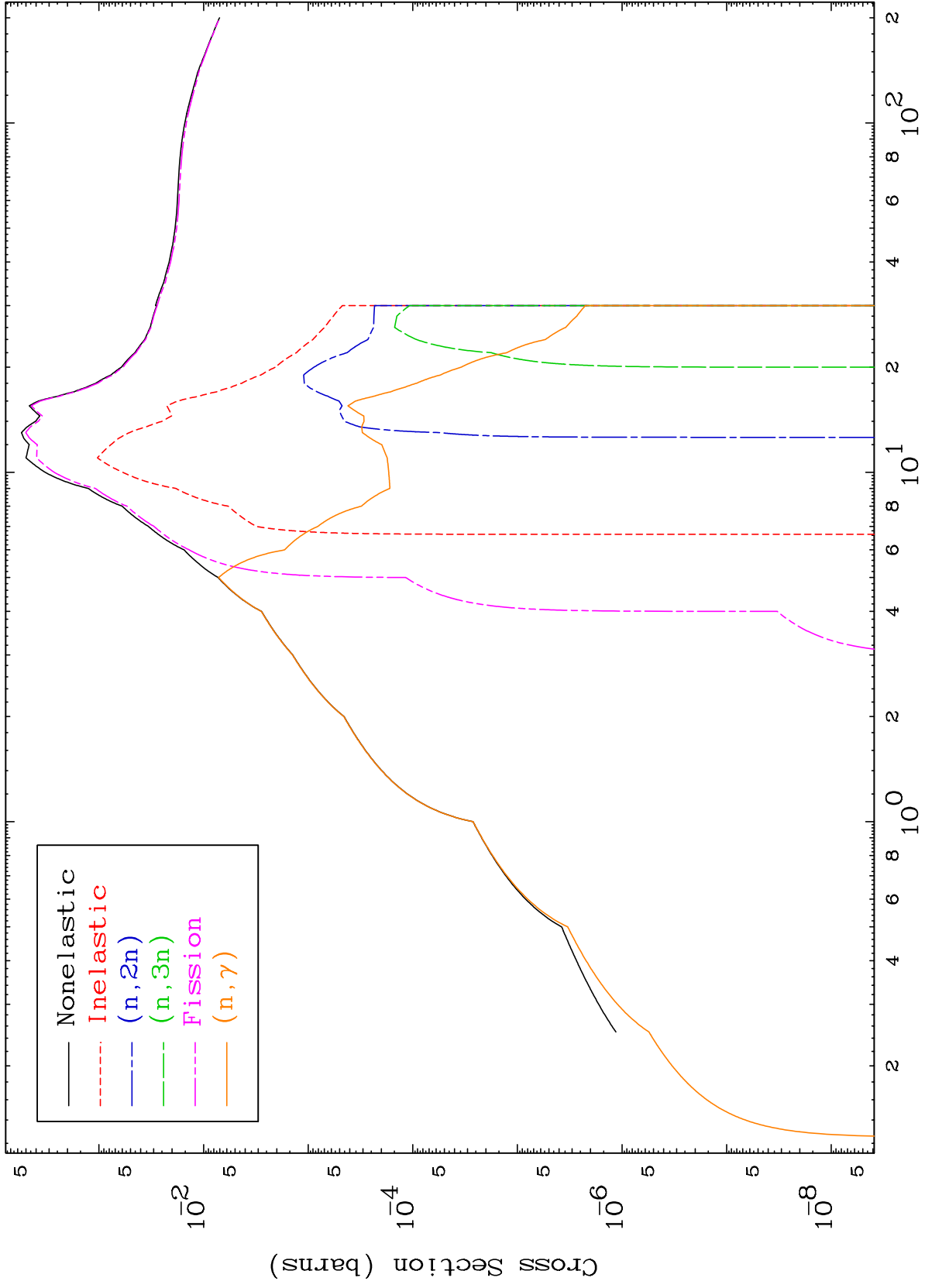
Press Mouse Button to Start

MAT 9543

Photon Major

95-Am-241

0 Kelvin Cross Sections



1

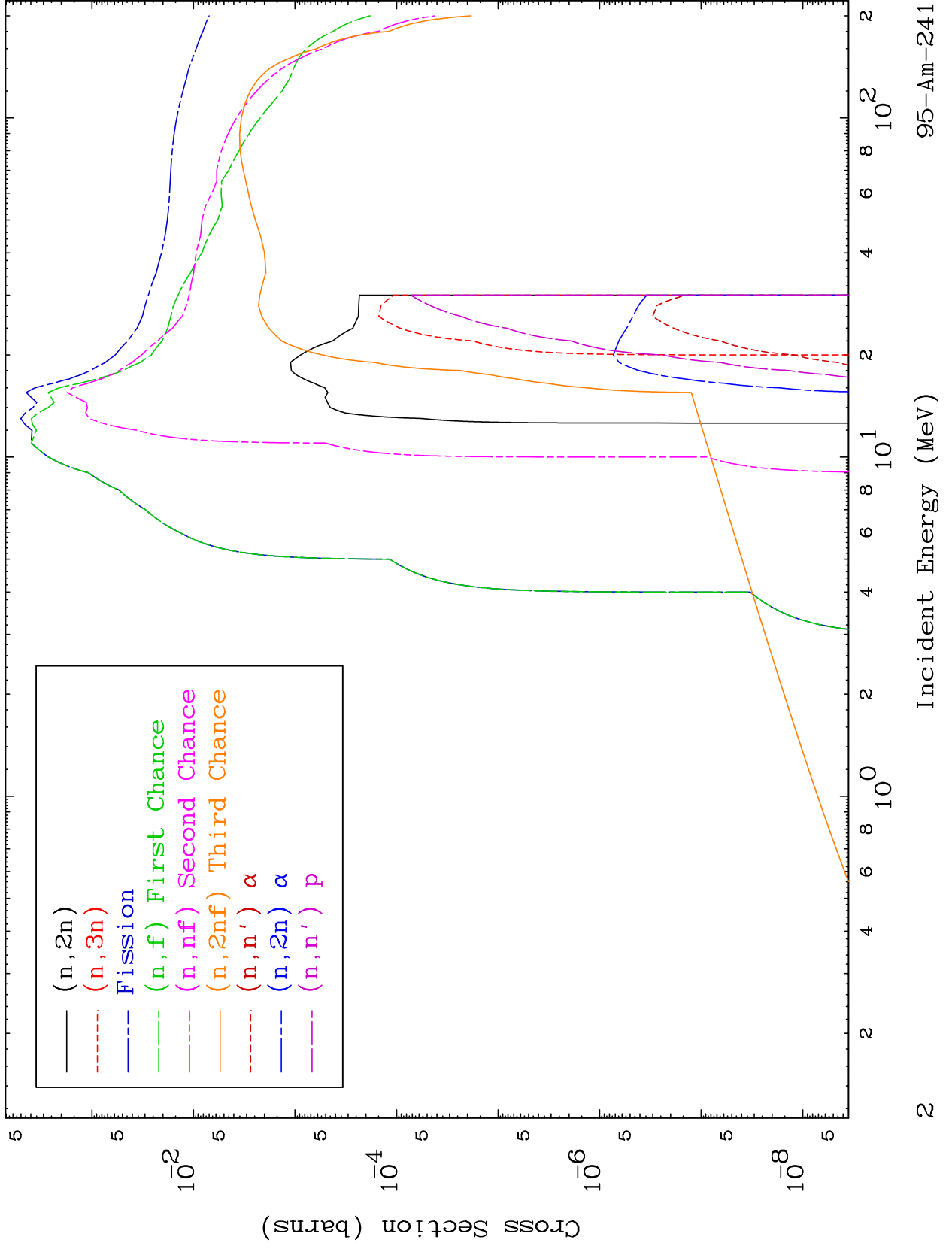
Incident Energy (MeV)

95-Am-241

MAT 9543

Photon Neutron Absorption
0 Kelvin Cross Sections

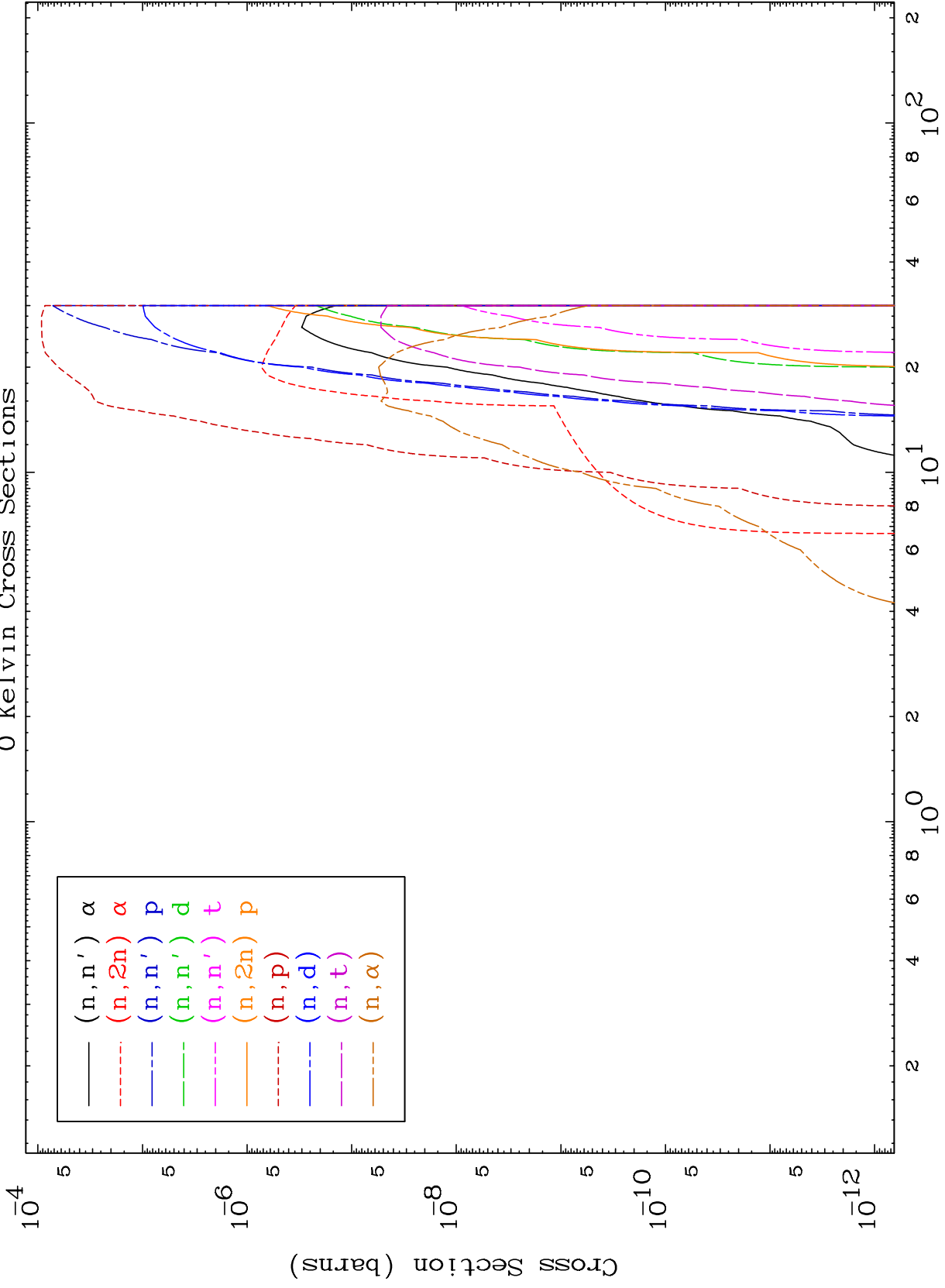
95-Am-241

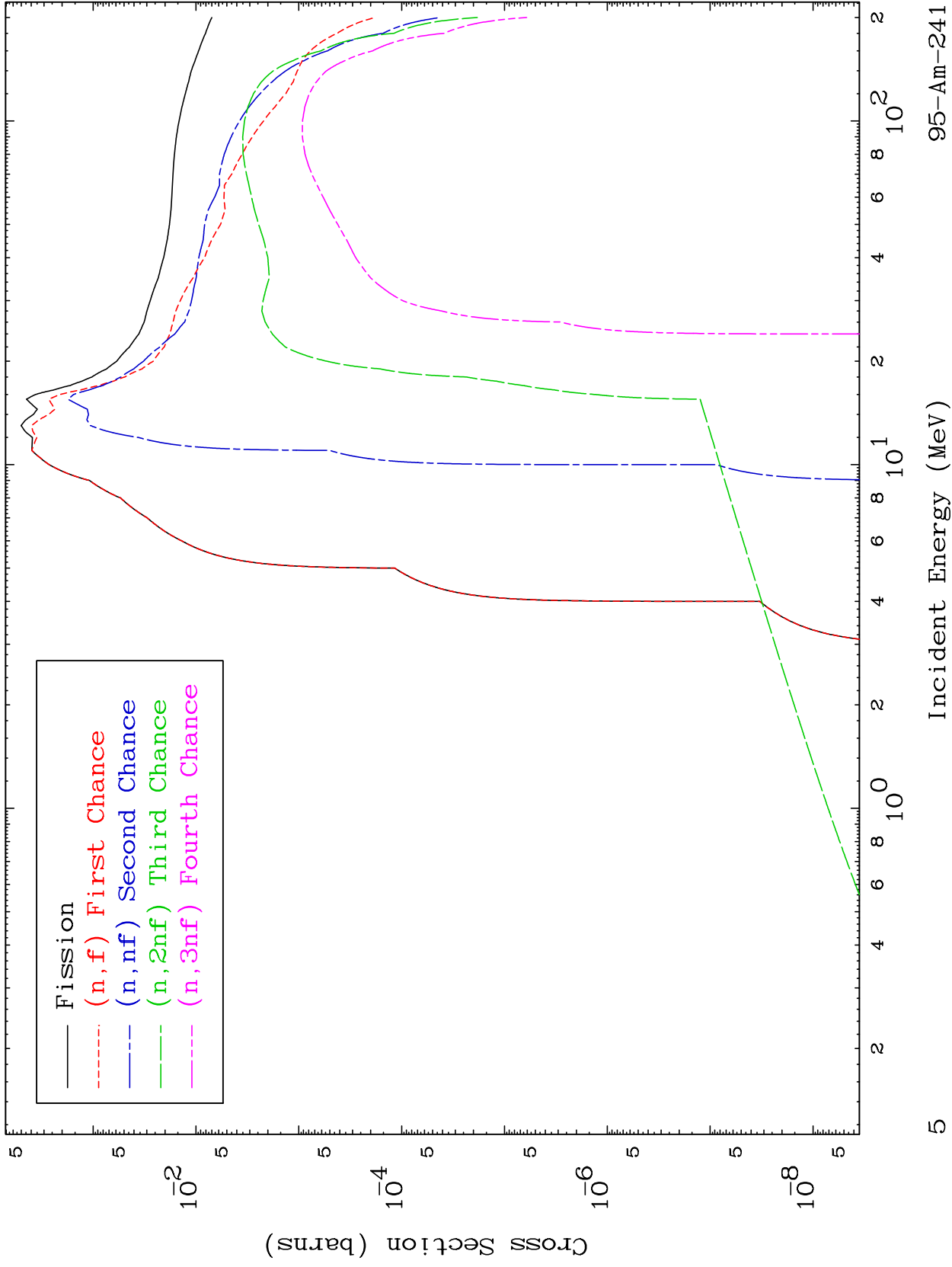


MAT 9543

Photon Charged Particle
0 Kelvin Cross Sections

95-Am-241



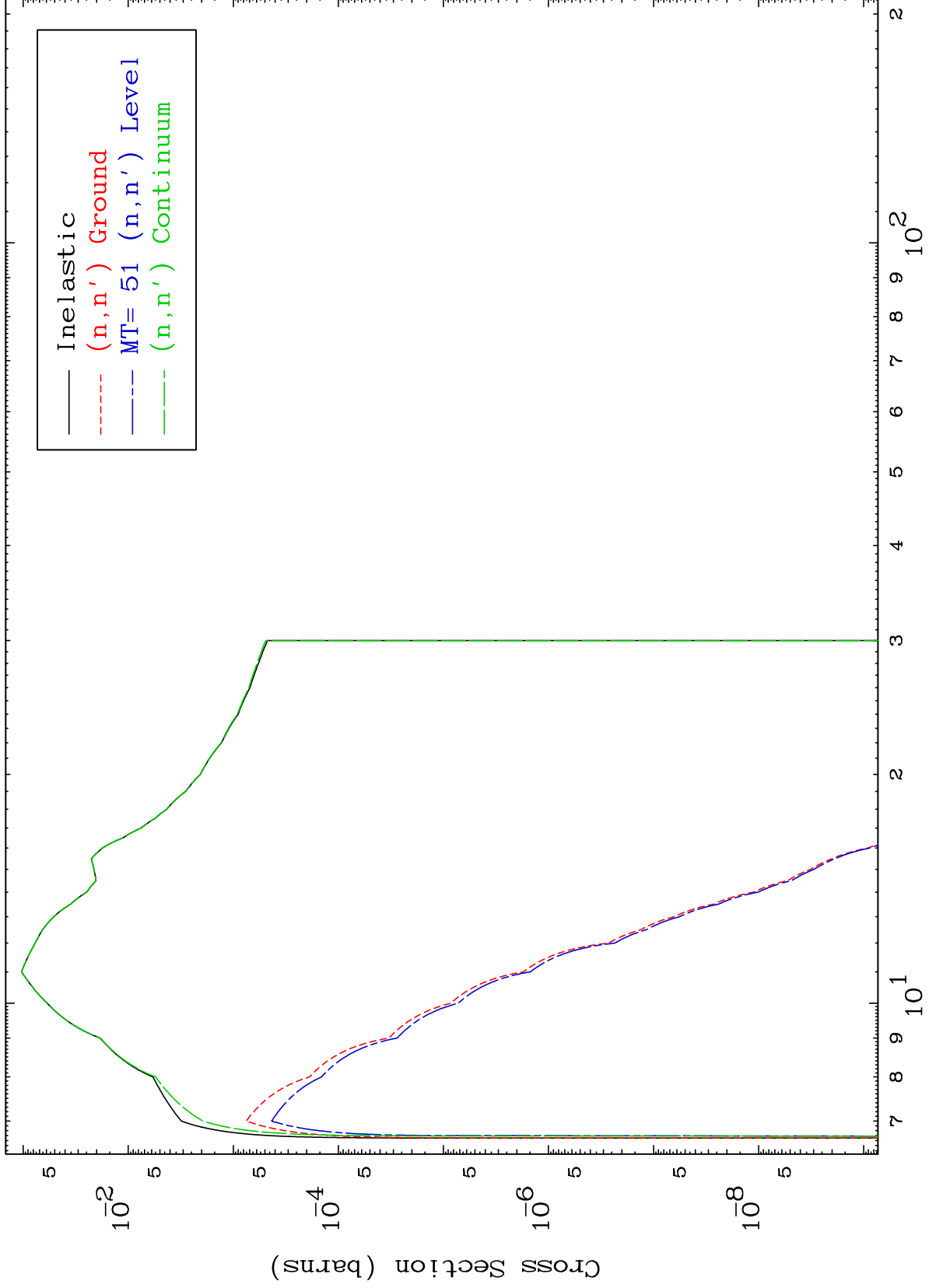


MAT 9543

(γ, n') Levels

95-Am-241

0 Kelvin Cross Sections



6

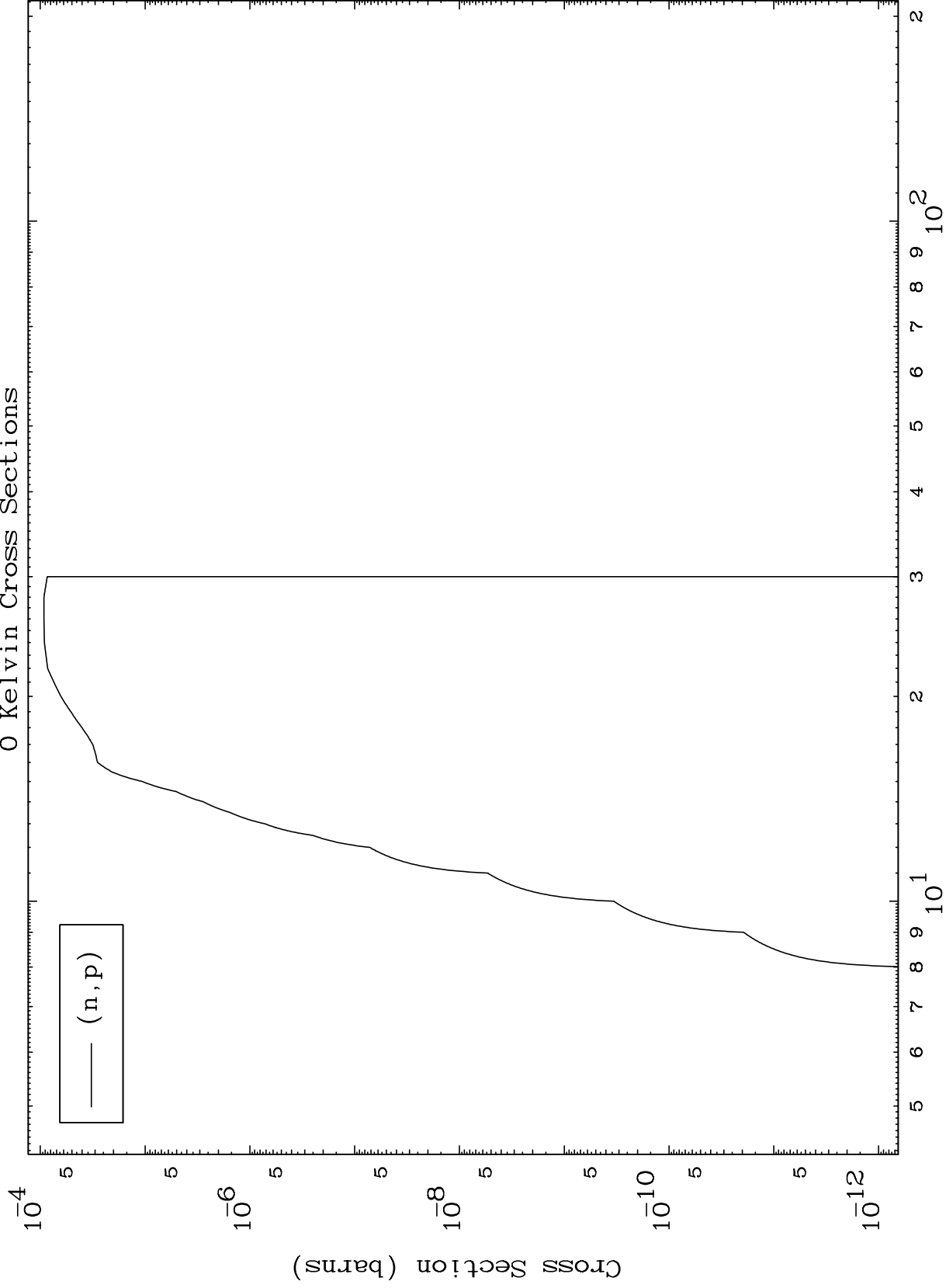
Incident Energy (MeV)

95-Am-241

MAT 9543

95-Am-241

(γ, p) Levels
0 Kelvin Cross Sections



95-Am-241

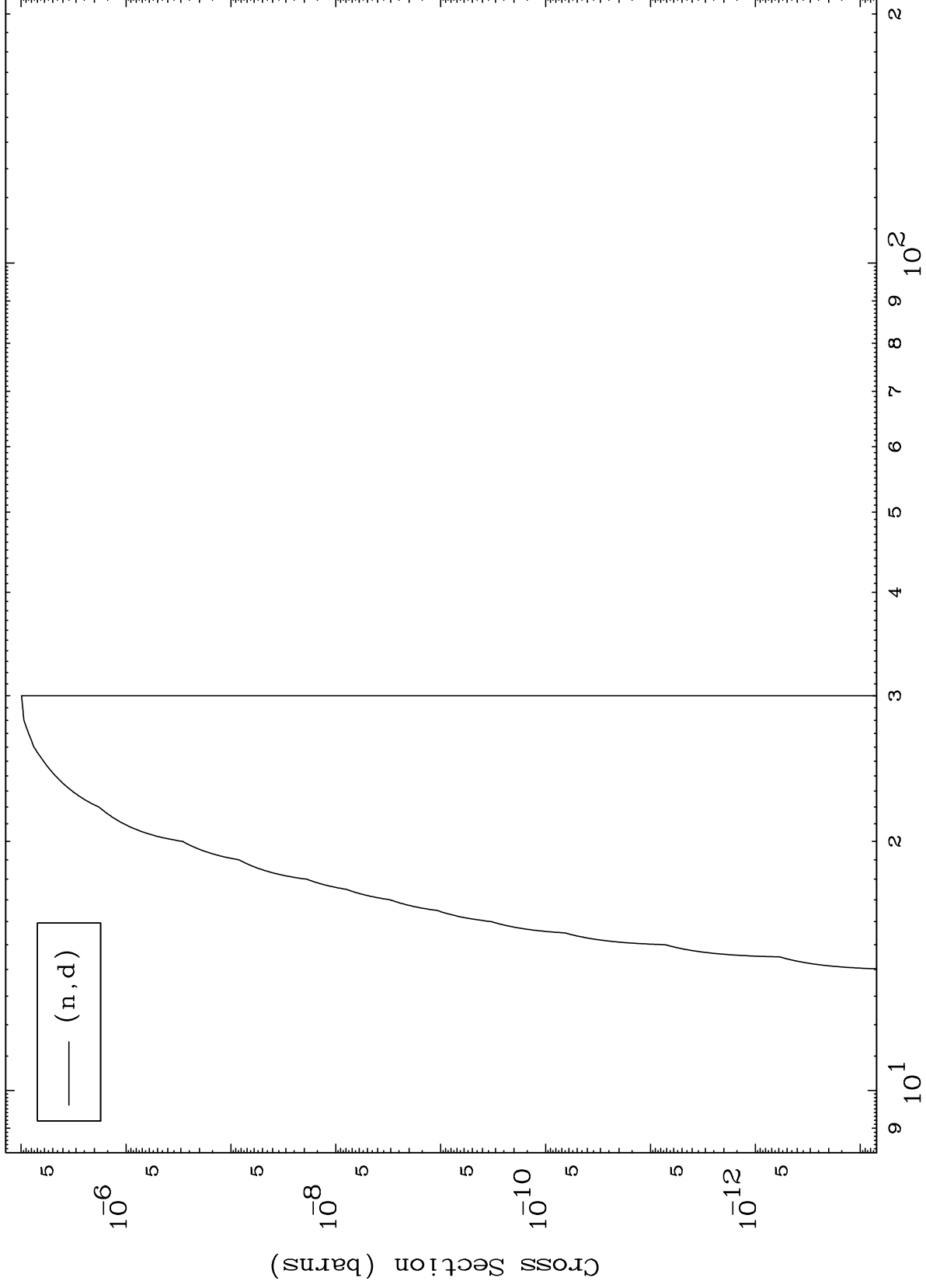
Incident Energy (MeV)

7

MAT 9543

(γ, d) Levels
0 Kelvin Cross Sections

95-Am-241



8

Incident Energy (MeV)

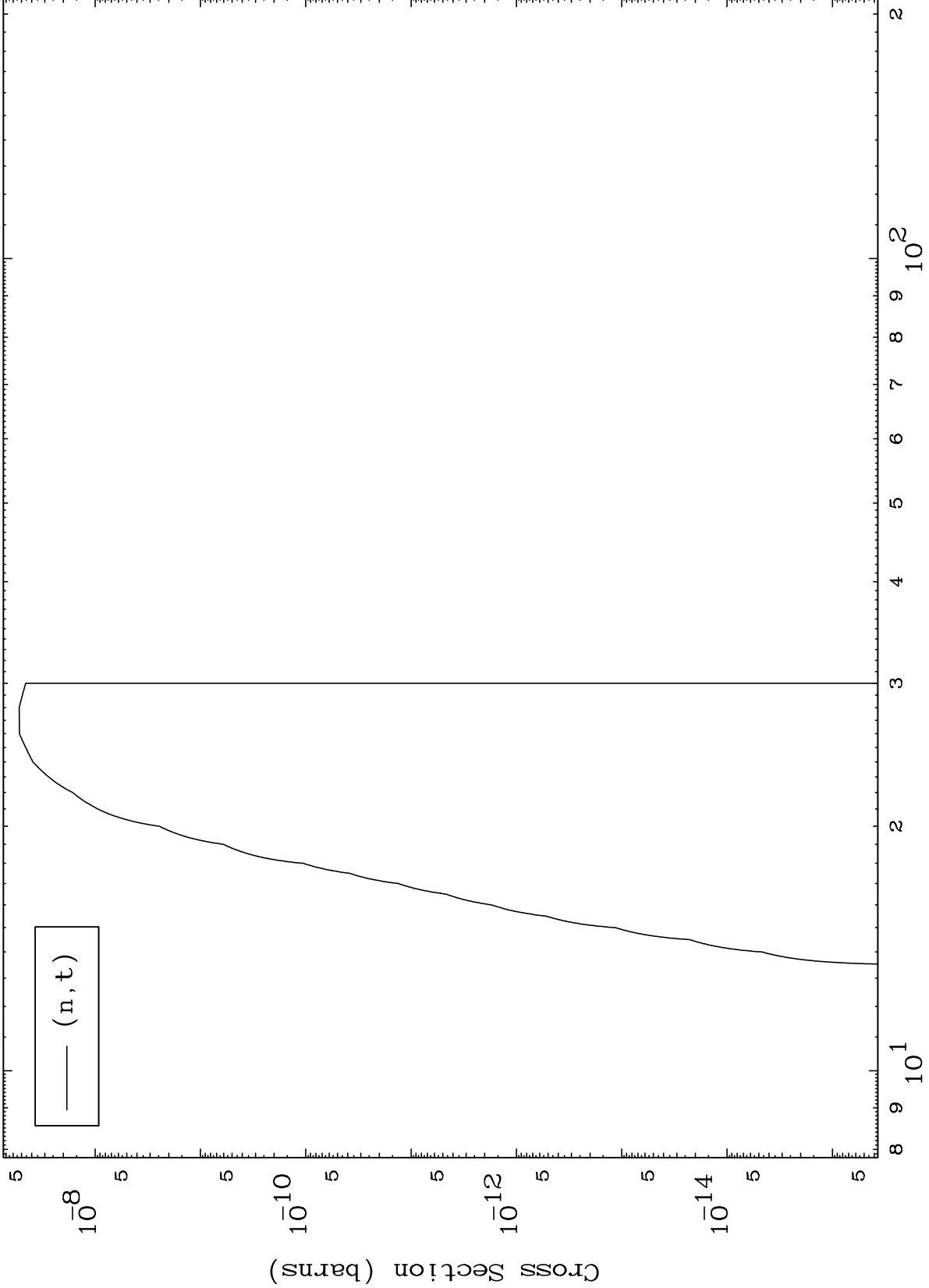
95-Am-241

MAT 9543

(γ, t) Levels

95-Am-241

0 Kelvin Cross Sections



9

Incident Energy (MeV)

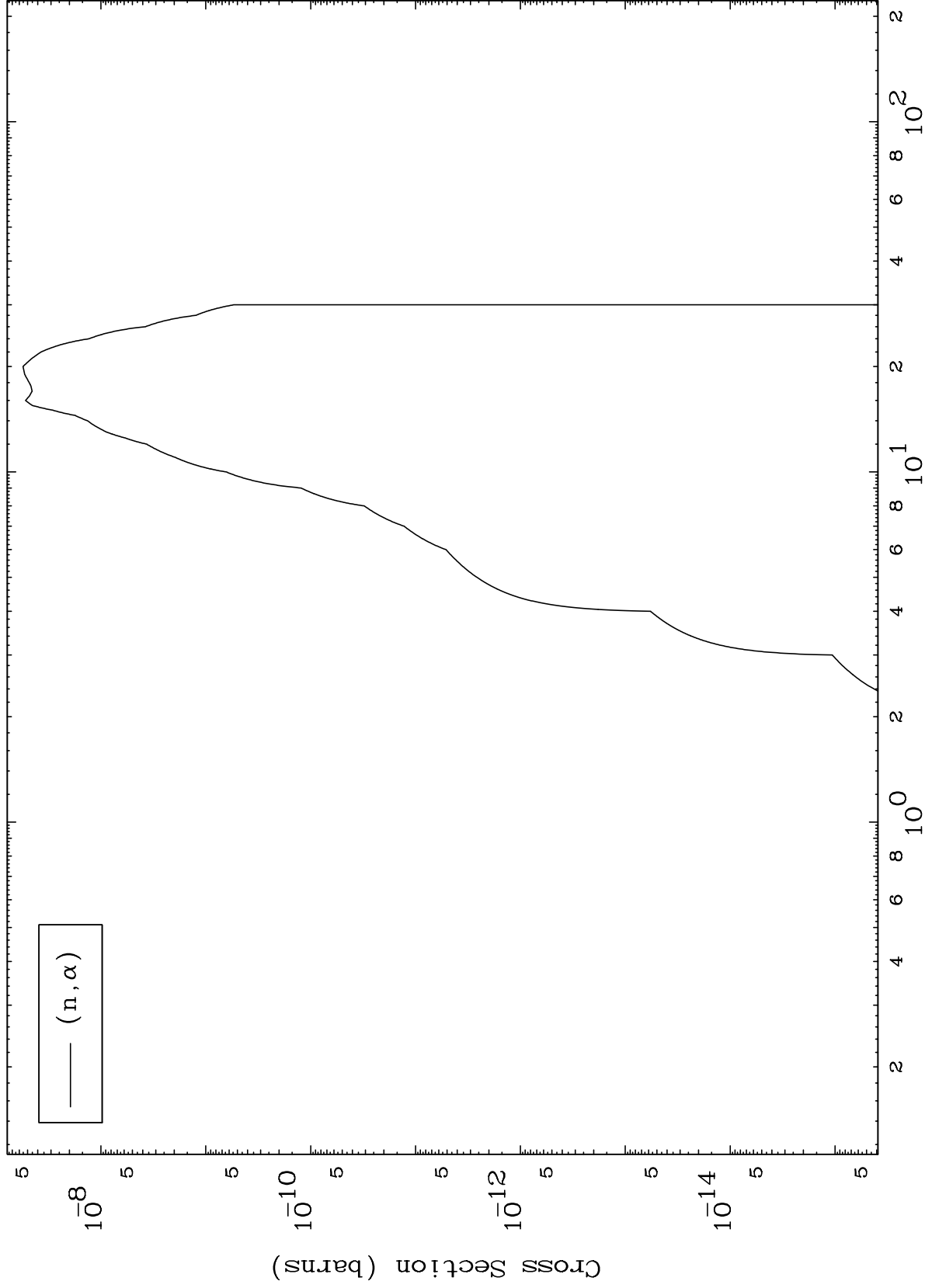
95-Am-241

MAT 9543

(γ, α) Levels

95-Am-241

0 Kelvin Cross Sections

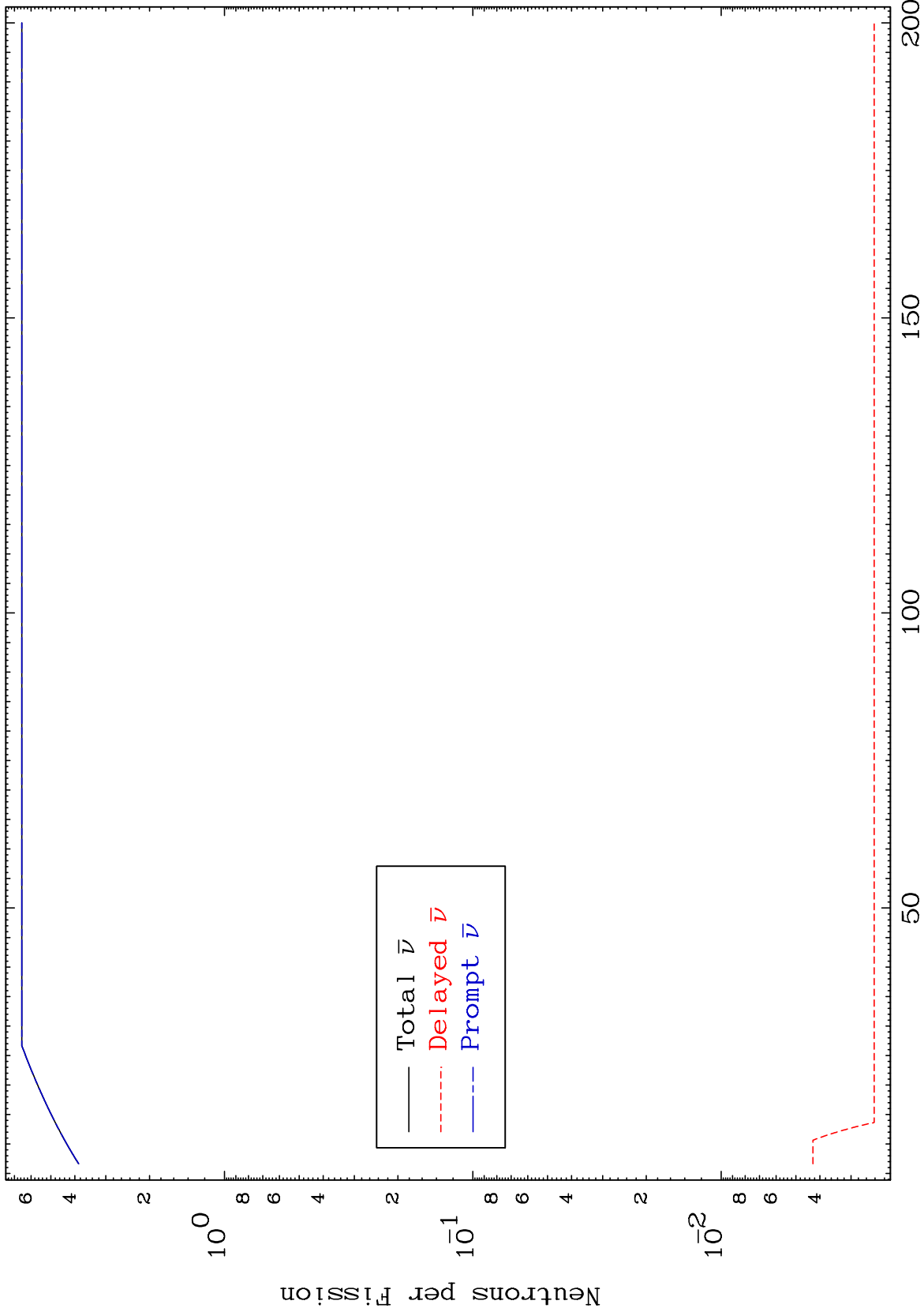


10

Incident Energy (MeV)

95-Am-241

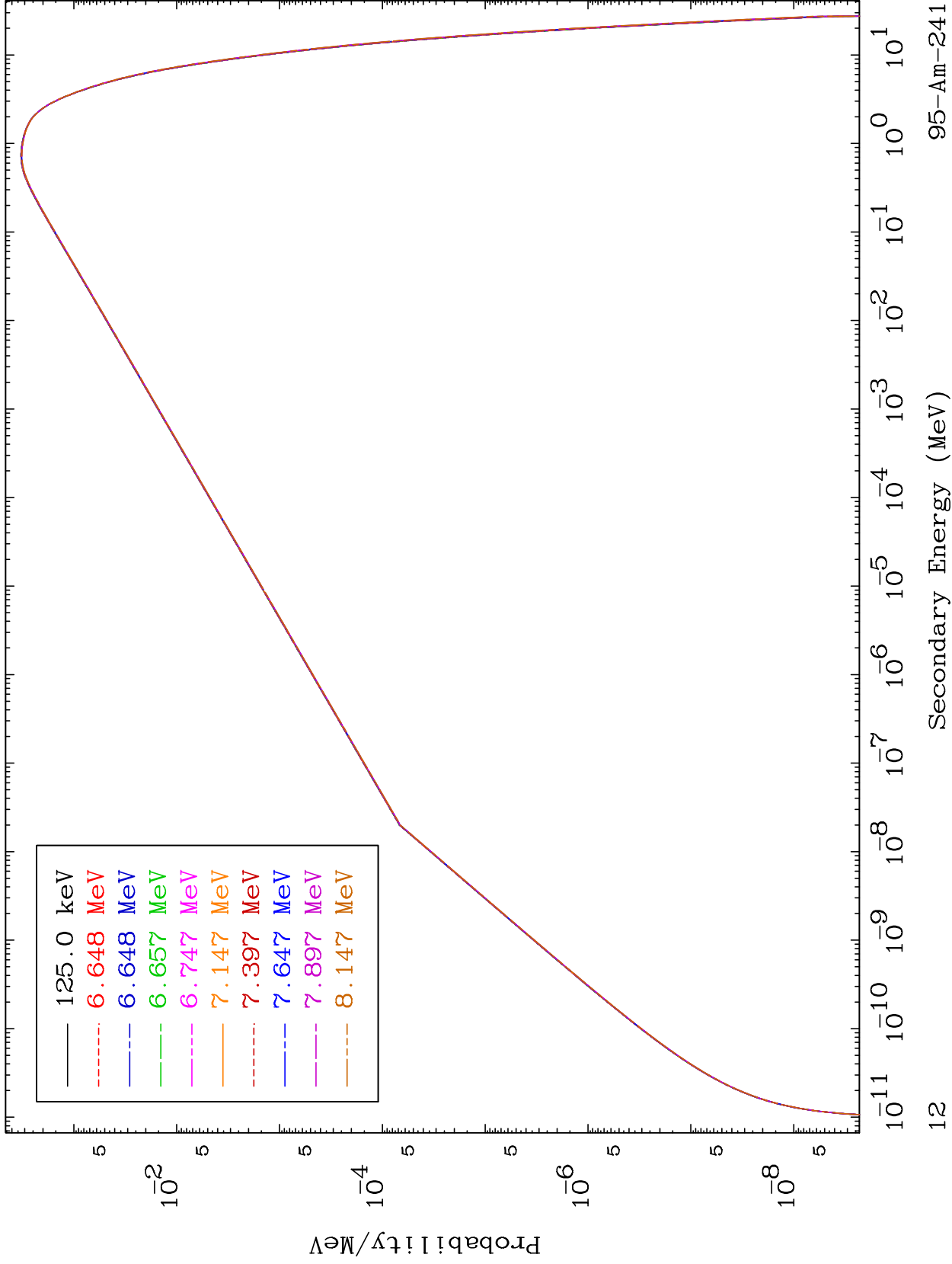
Photon Neutrons
per Fission



MAT 9543

Fission Energy Distributions

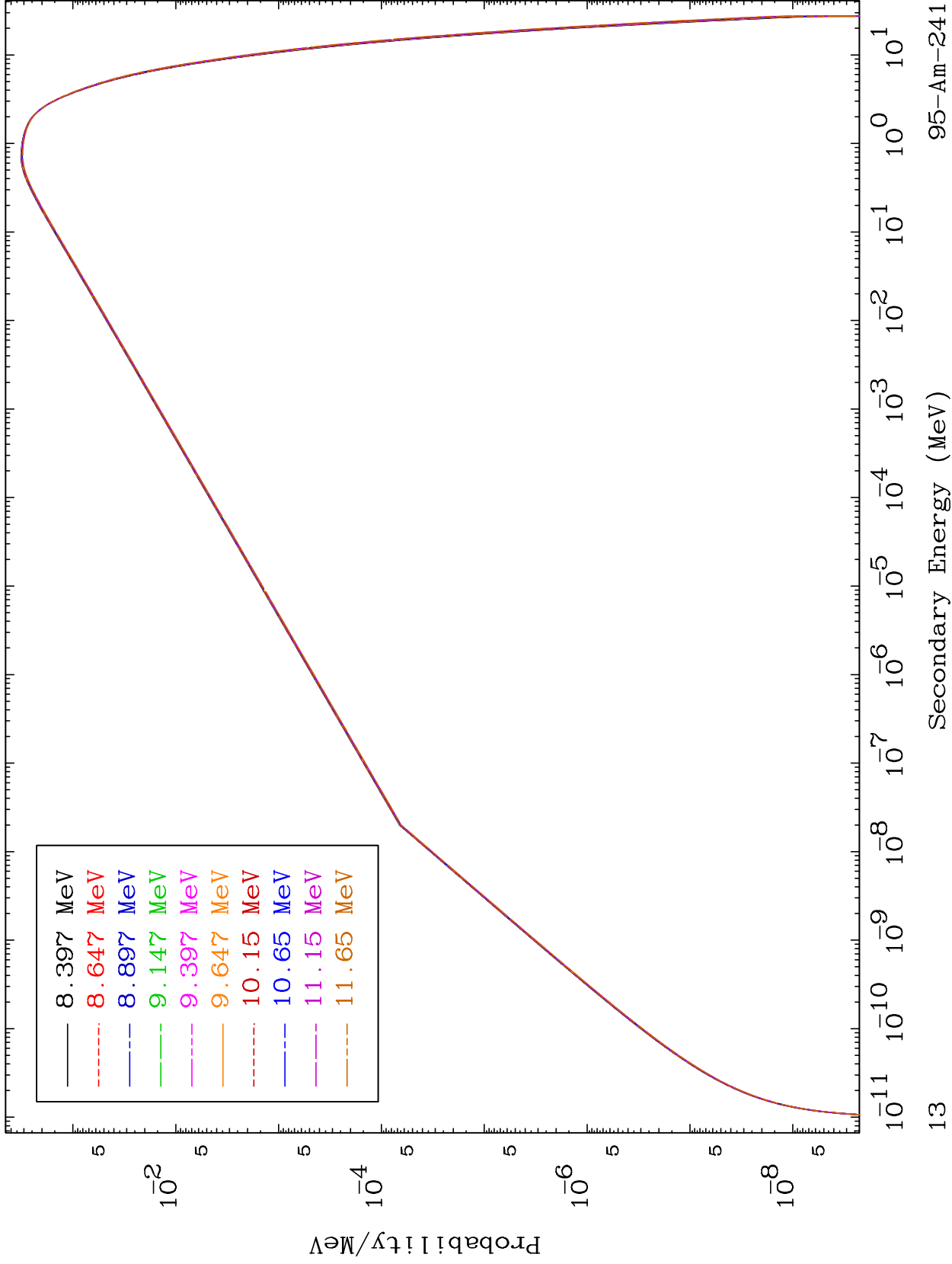
95-Am-241



MAT 9543

Fission Energy Distributions

95-Am-241



13

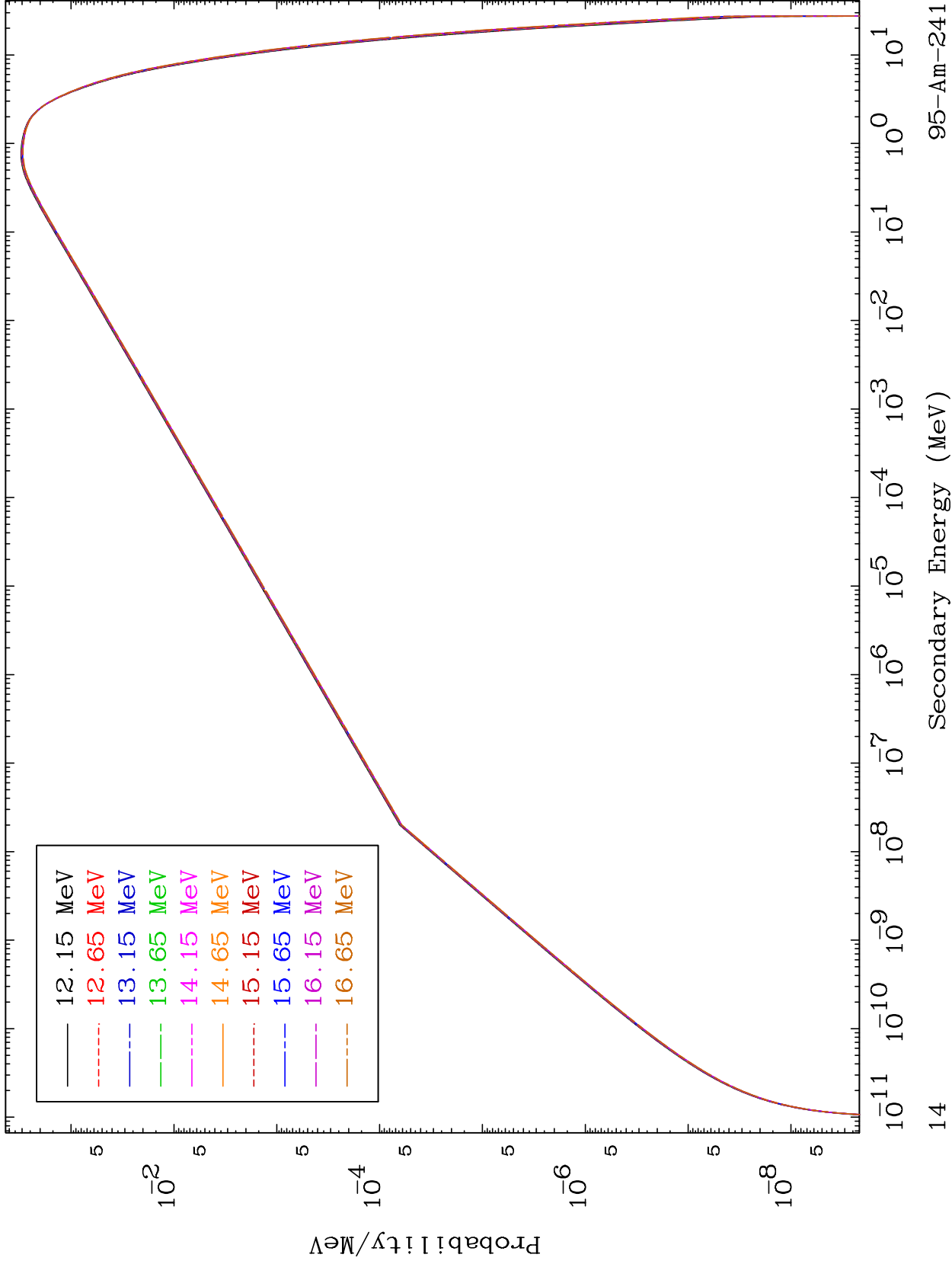
Secondary Energy (MeV)

95-Am-241

MAT 9543

Fission Energy Distributions

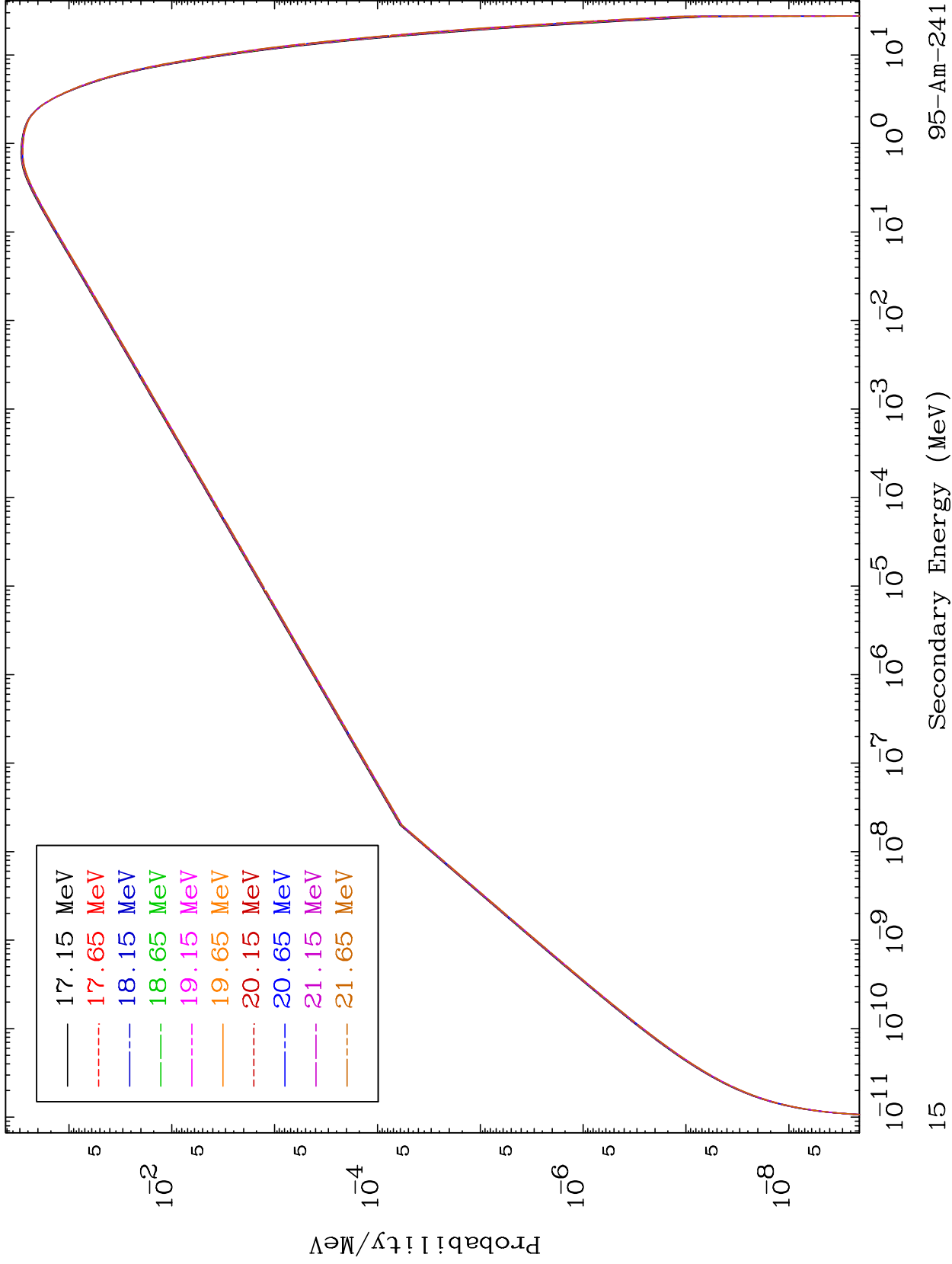
95-Am-241



MAT 9543

Fission Energy Distributions

95-Am-241



95-Am-241

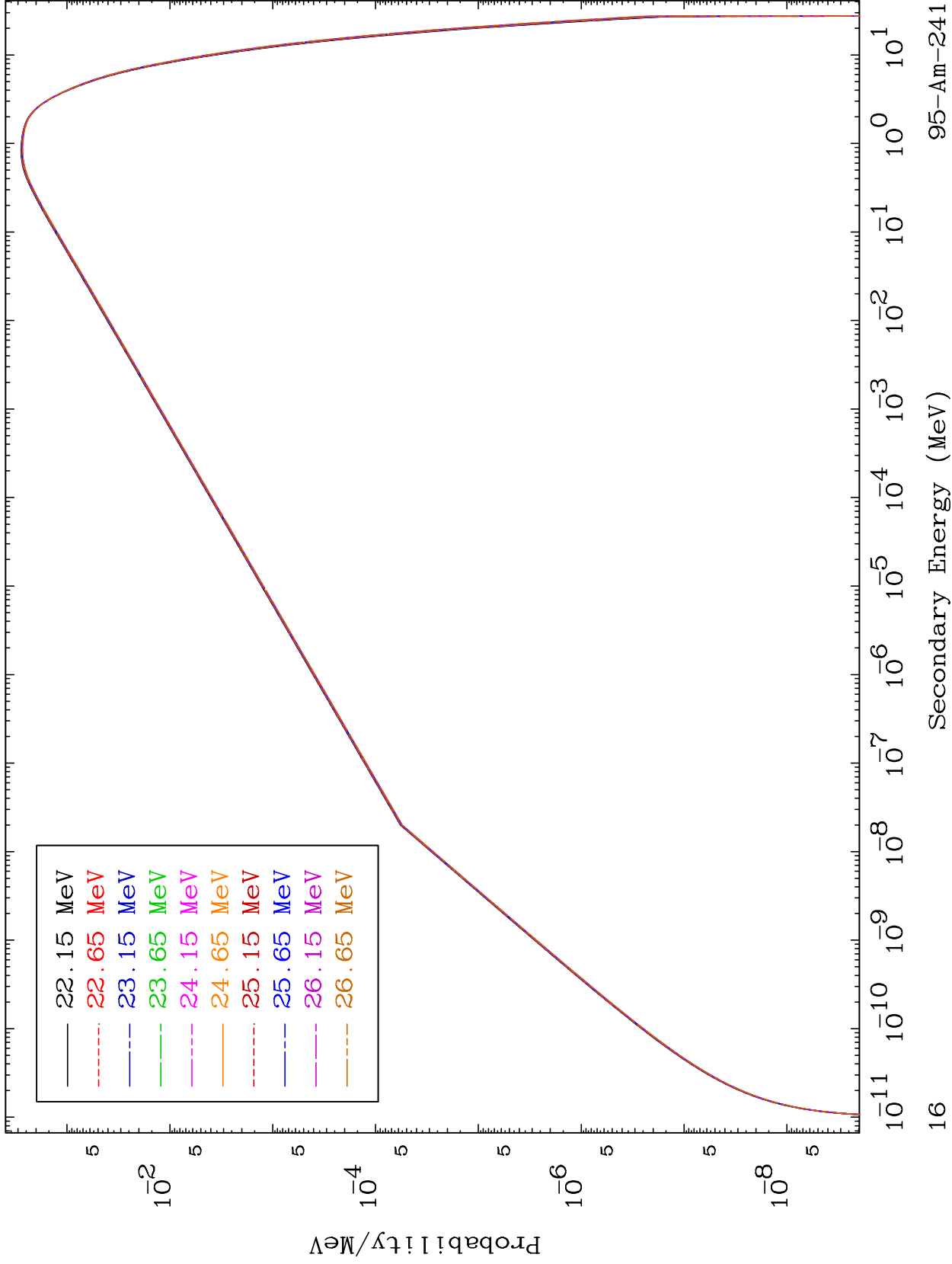
Secondary Energy (MeV)

15

MAT 9543

Fission Energy Distributions

95-Am-241

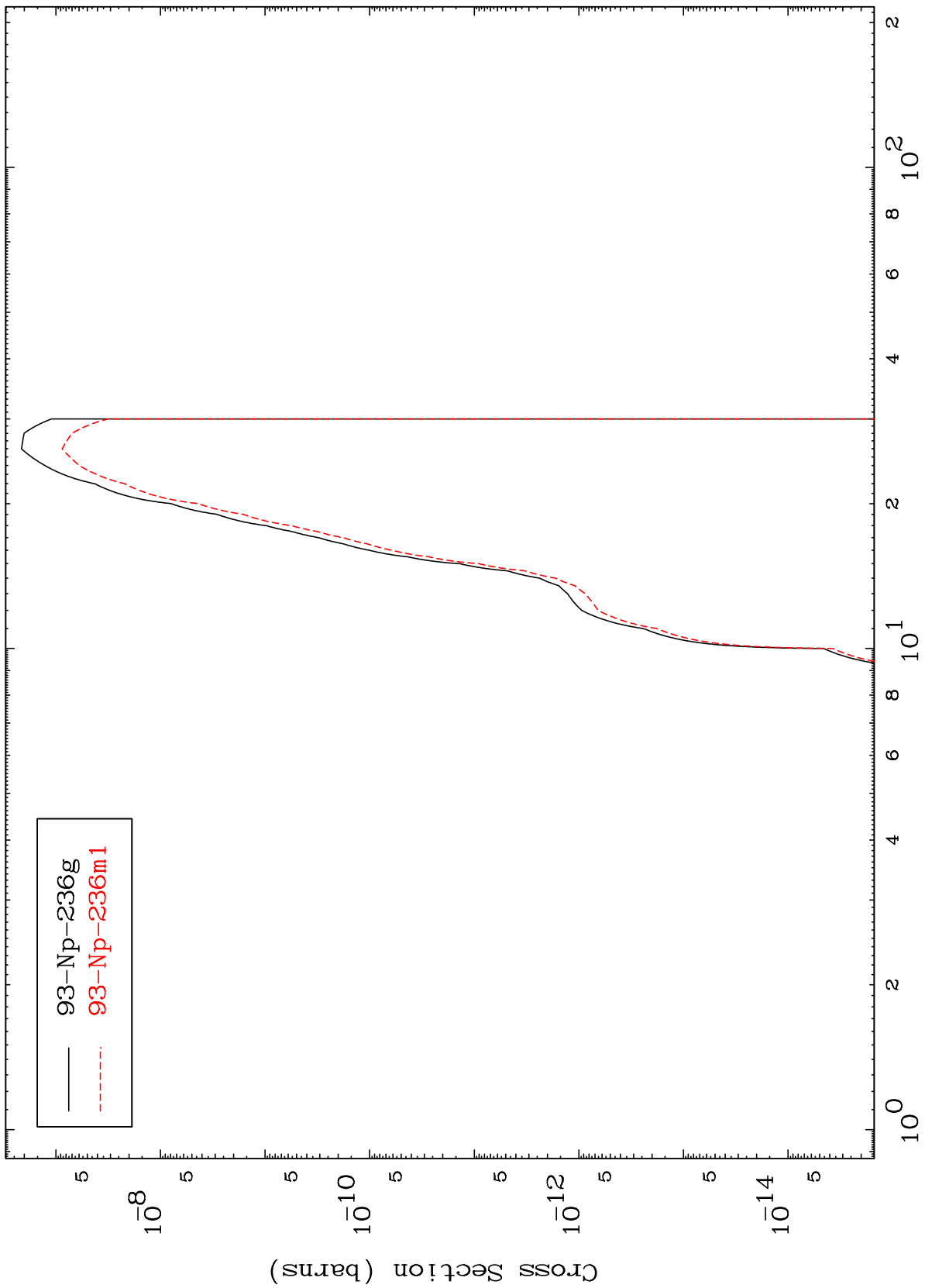


MAT 9543

(n,n') α

95-Am-241

Radionuclide Production Cross Section



— 93-Np-236g
- - - 93-Np-236m1

17

Incident Energy (MeV)

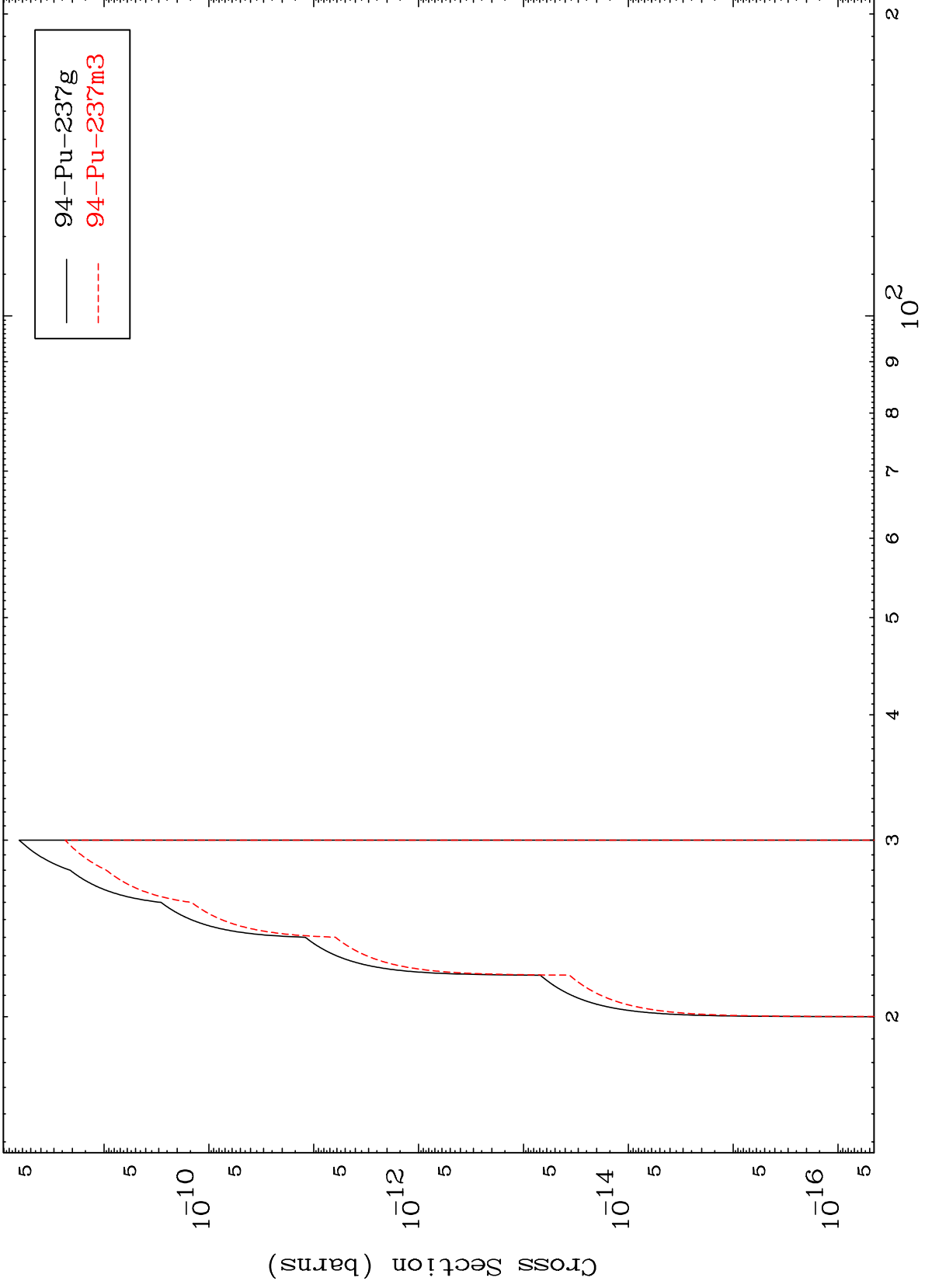
95-Am-241

MAT 9543

(n,n') t

95-Am-241

Radionuclide Production Cross Section



18

Incident Energy (MeV)

95-Am-241