

Program EVALPLOT
(Version 2021-1)

by

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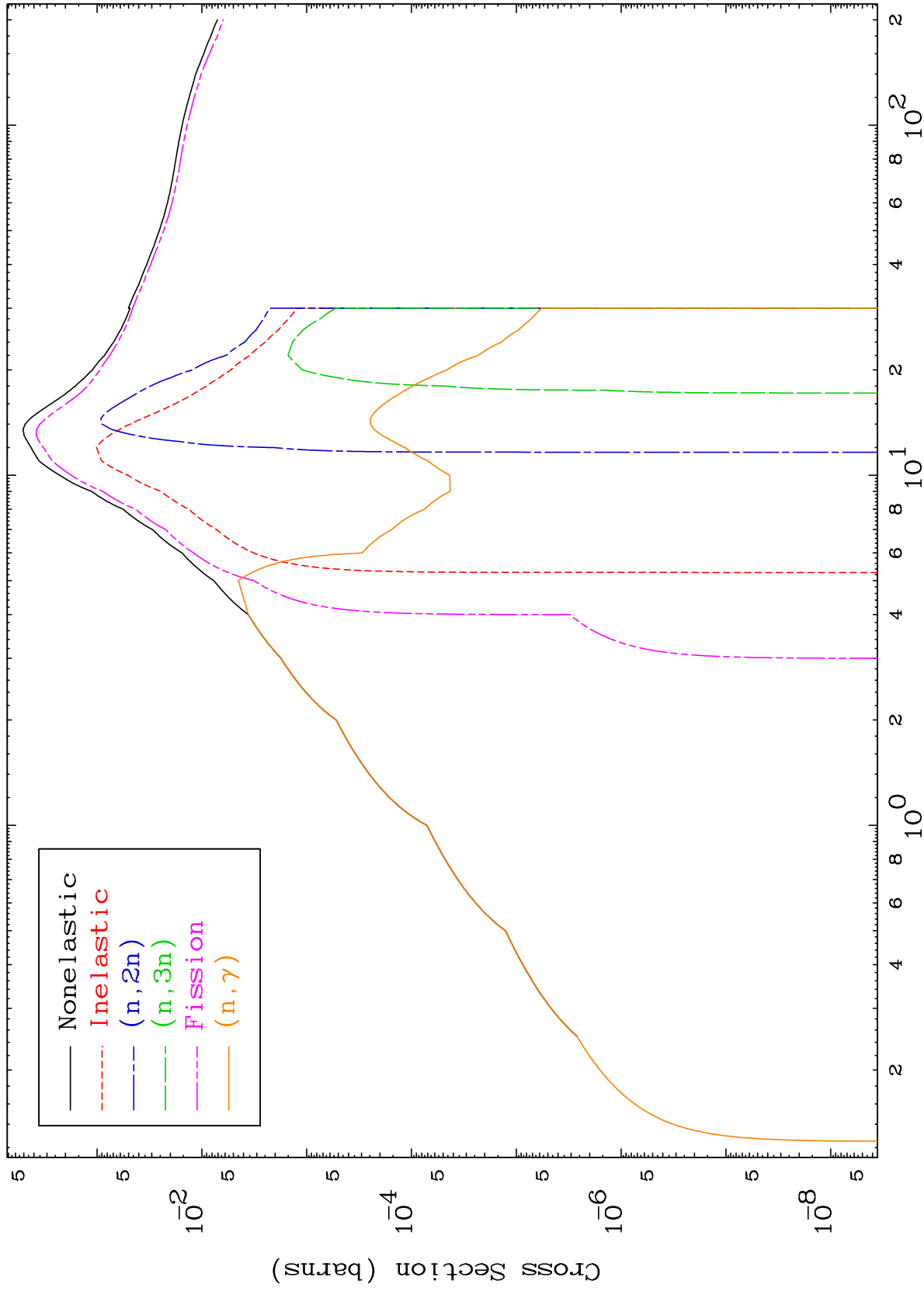
Press Mouse Button to Start

MAT 9553

Photon Major

95-Am-244m

0 Kelvin Cross Sections



1

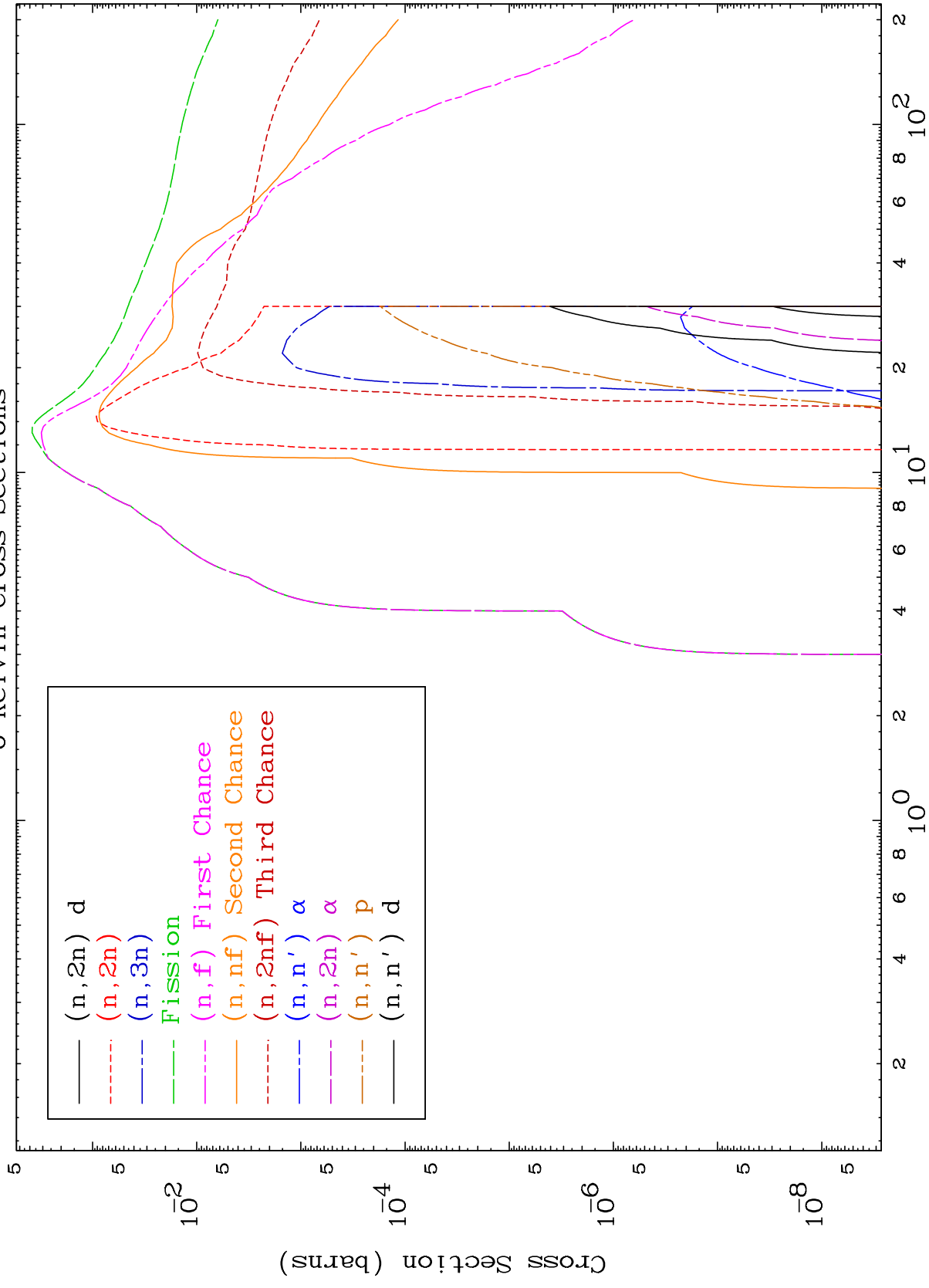
Incident Energy (MeV)

95-Am-244m

MAT 9553

Photon Neutron Absorption
0 Kelvin Cross Sections

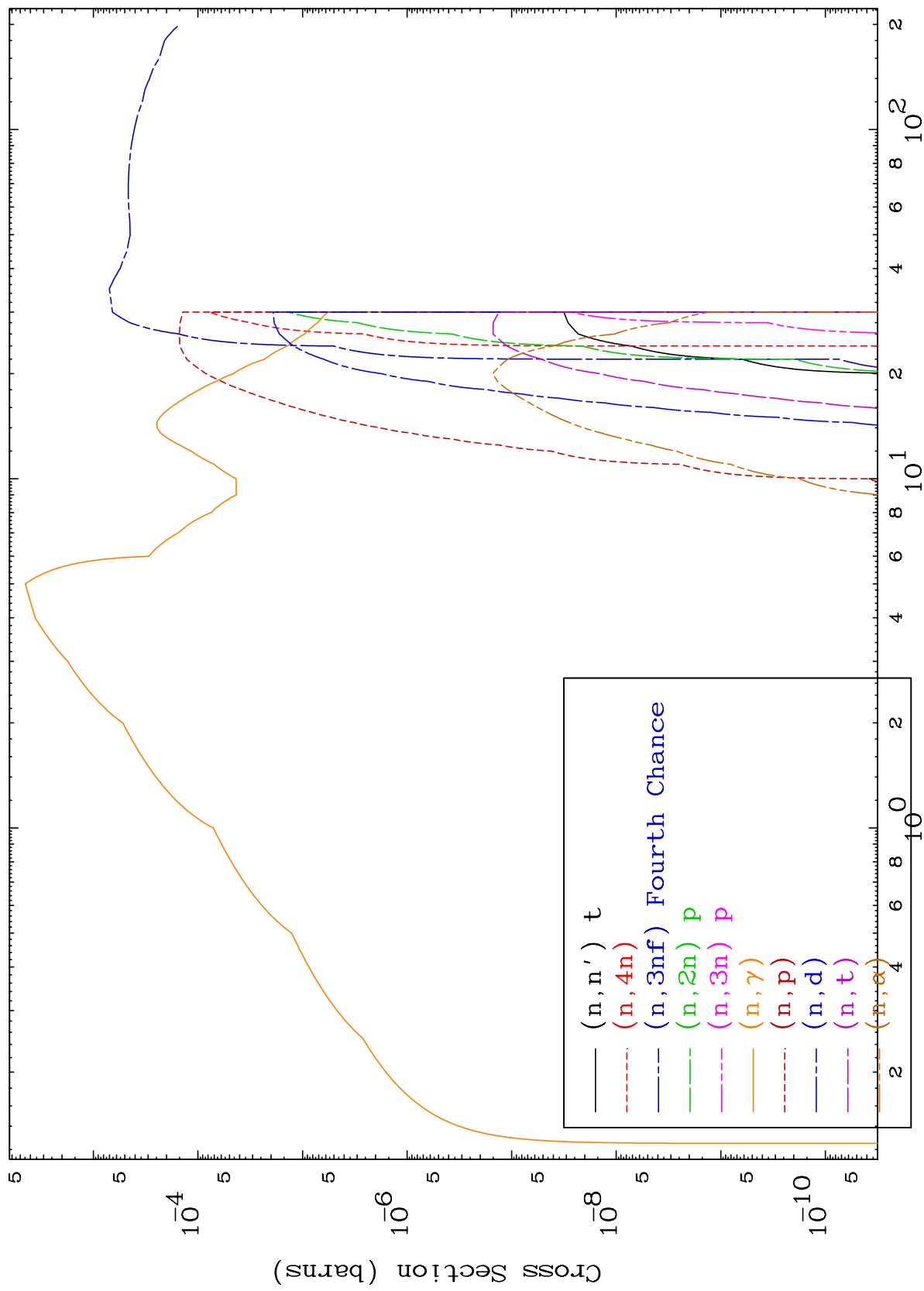
95-Am-244m



MAT 9553

Photon Neutron Absorption
0 Kelvin Cross Sections

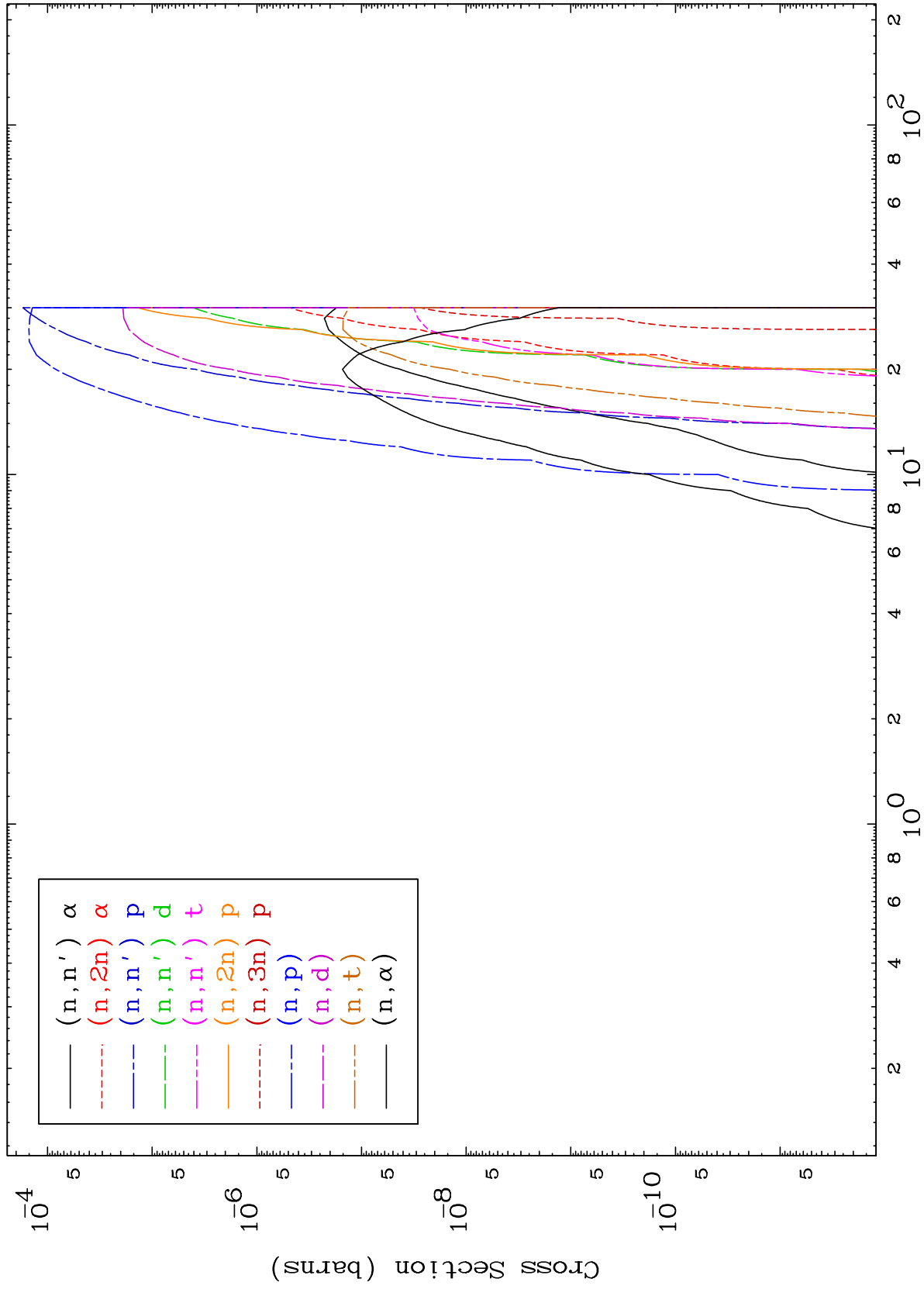
95-Am-244m



MAT 9553

Photon Charged Particle
0 Kelvin Cross Sections

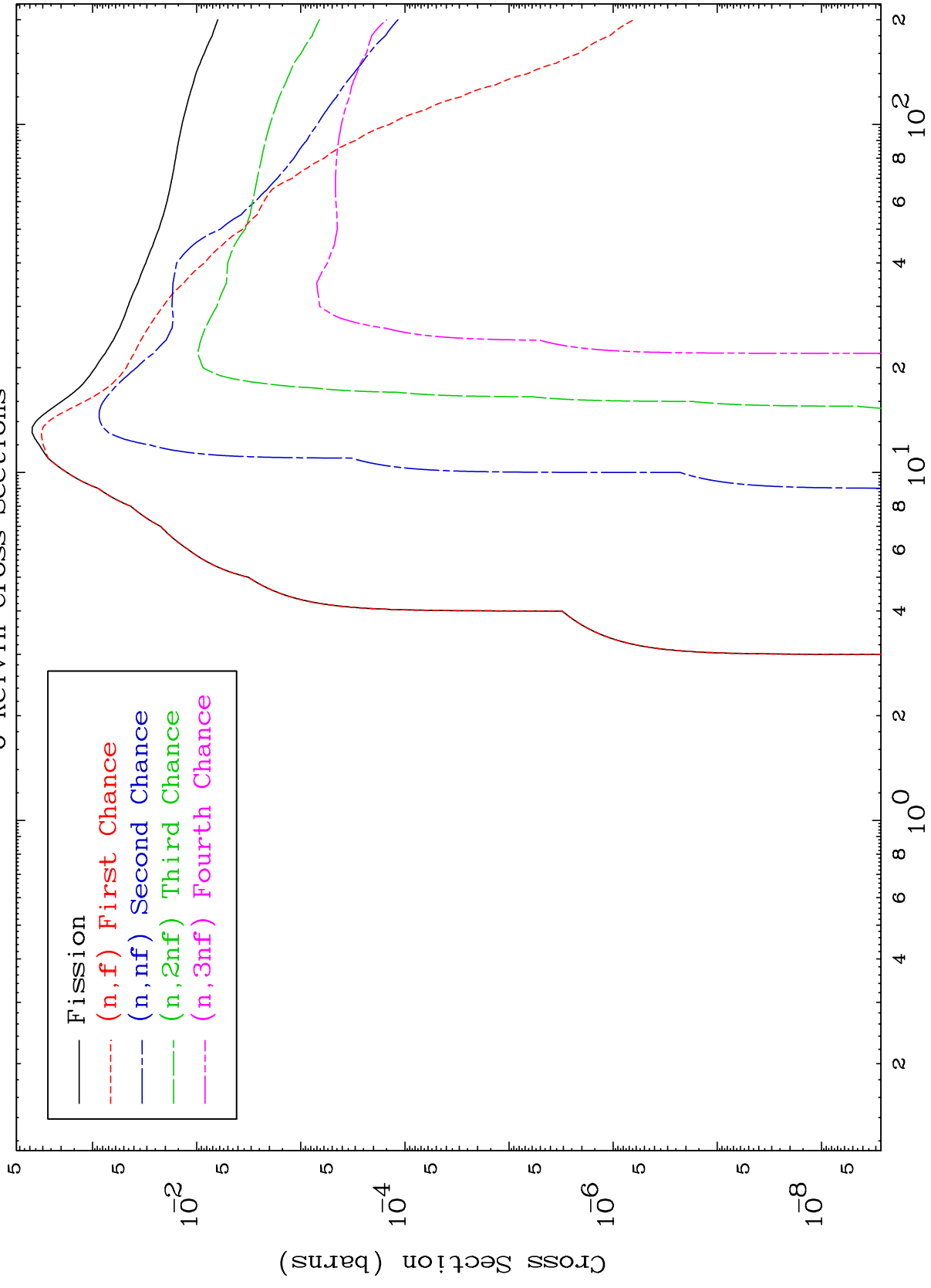
95-Am-244m



MAT 9553

Photon Fission
0 Kelvin Cross Sections

95-Am-244m

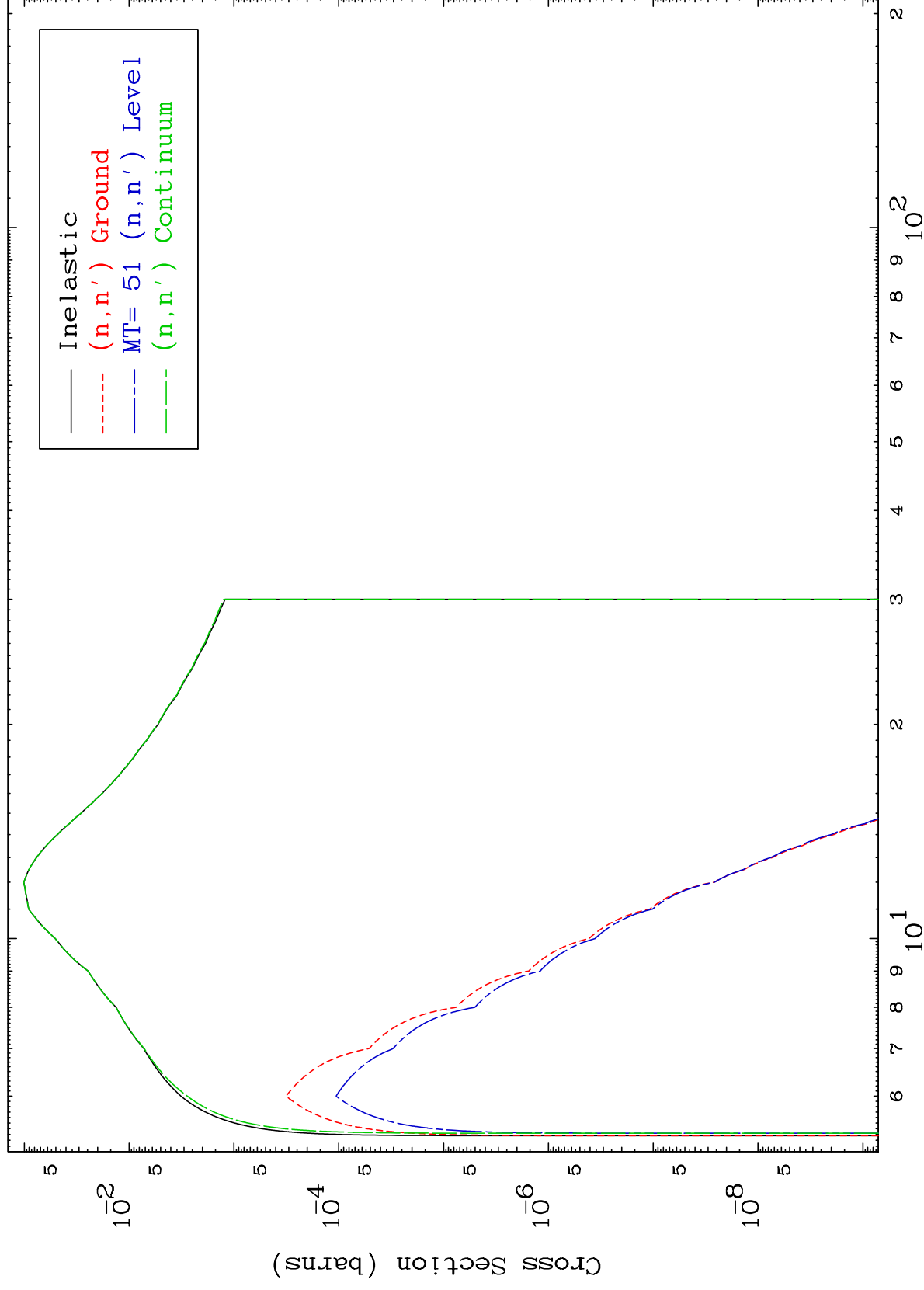


MAT 9553

 (γ, n') Levels

(γ, n') Levels
0 Kelvin Cross Sections

95-Am-244m



6

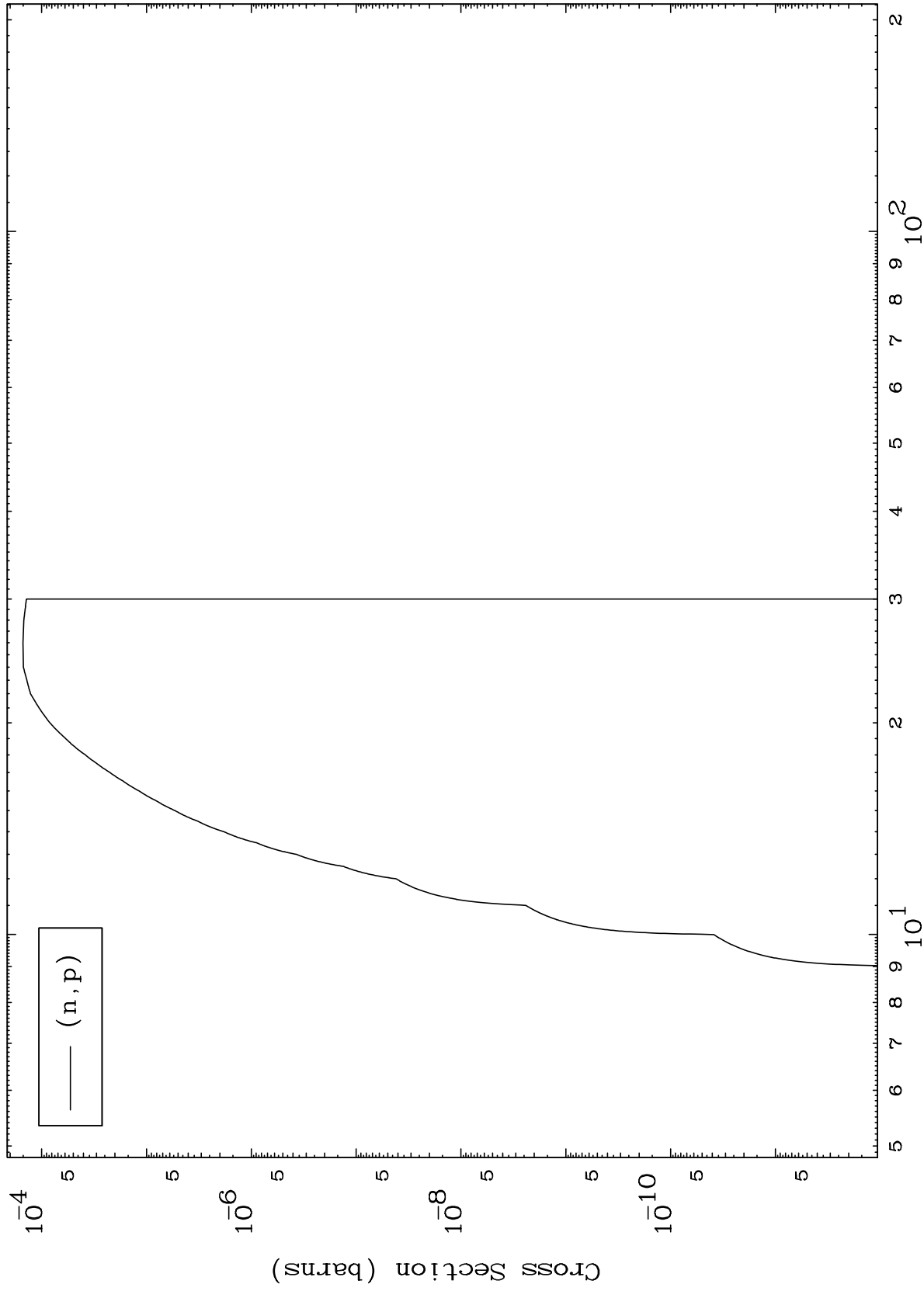
Incident Energy (MeV)

95-Am-244m

MAT 9553

95-Am-244m

(γ ,p) Levels
0 Kelvin Cross Sections



7

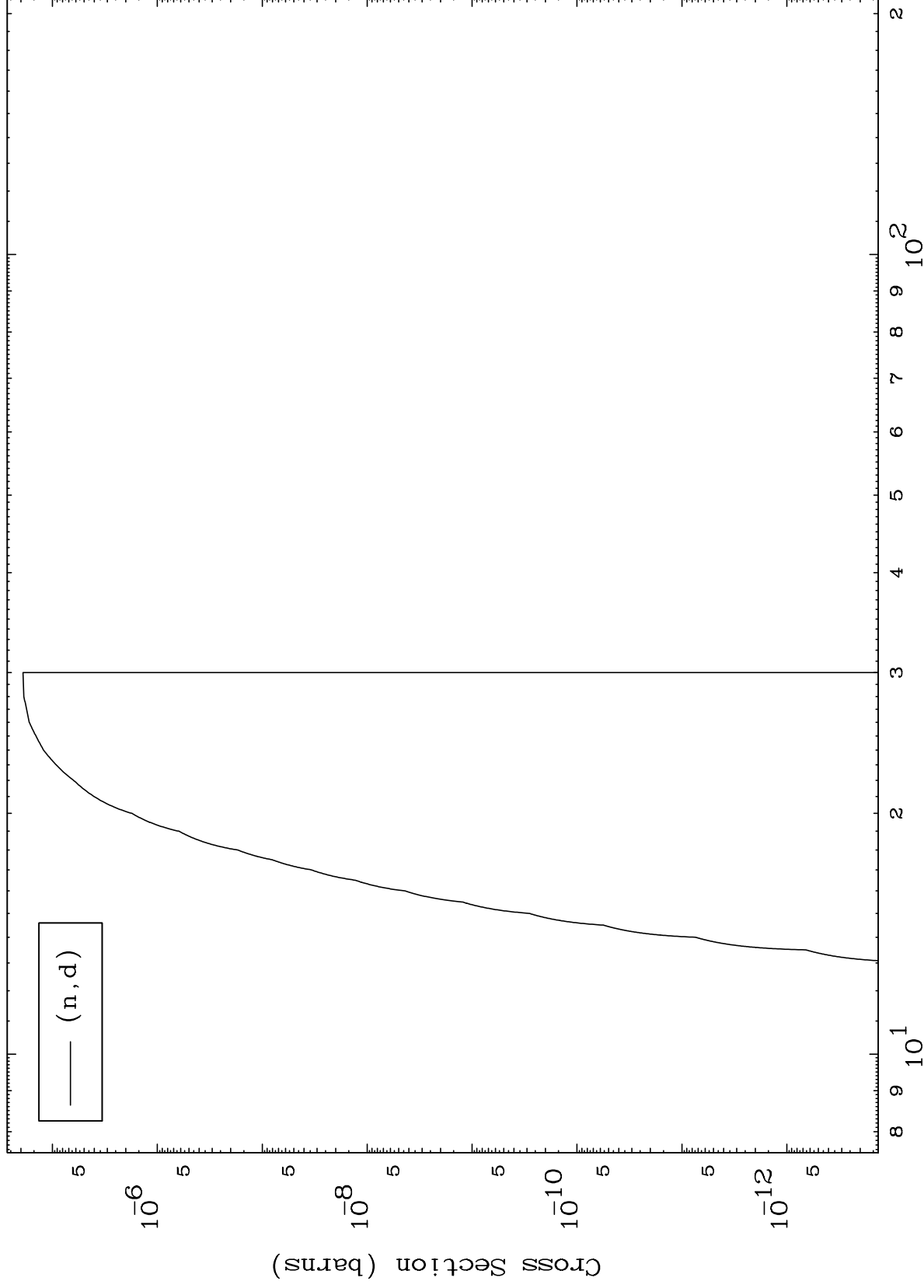
Incident Energy (MeV)

95-Am-244m

MAT 9553

95-Am-244m

(γ ,d) Levels
0 Kelvin Cross Sections



8

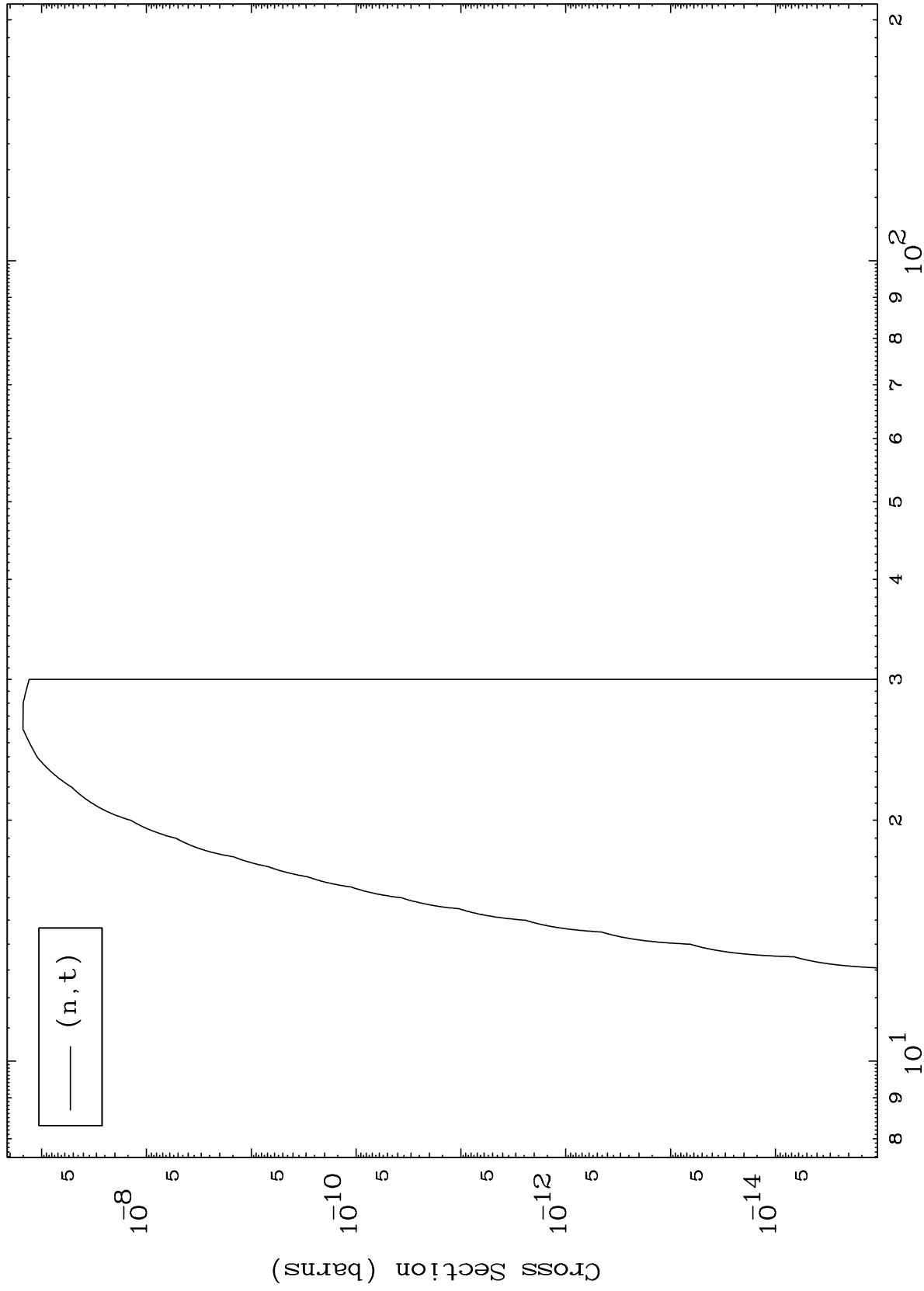
Incident Energy (MeV)

95-Am-244m

MAT 9553

95-Am-244m

(γ, t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

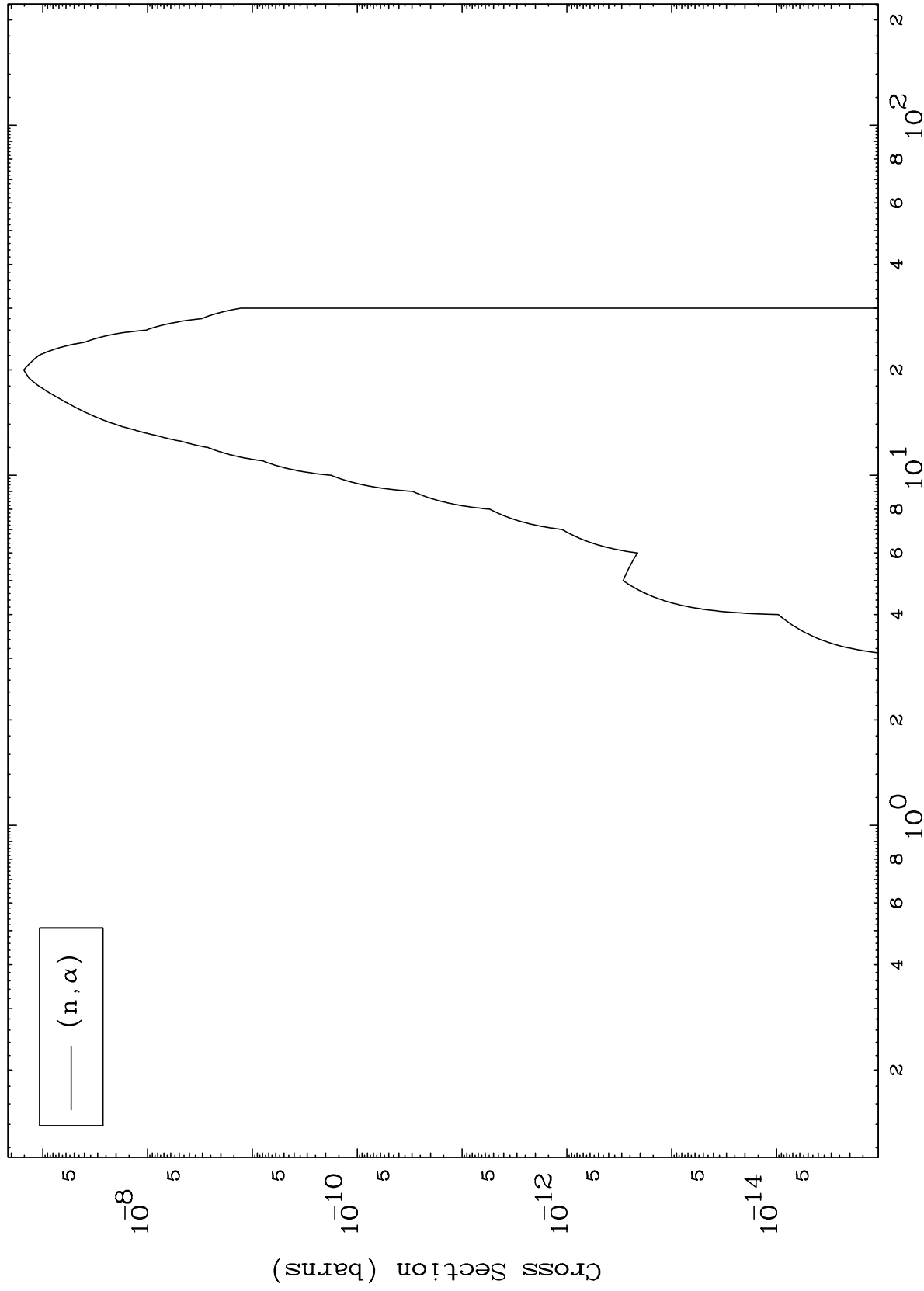
95-Am-244m

MAT 9553

(γ, α) Levels

95-Am-244m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

95-Am-244m

MAT 9553

Photon Neutrons
per Fission

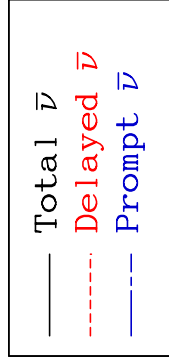
95-Am-244m

10^0

Neutrons per Fission

10^{-1}

10^{-2}



50

100

150

200

11

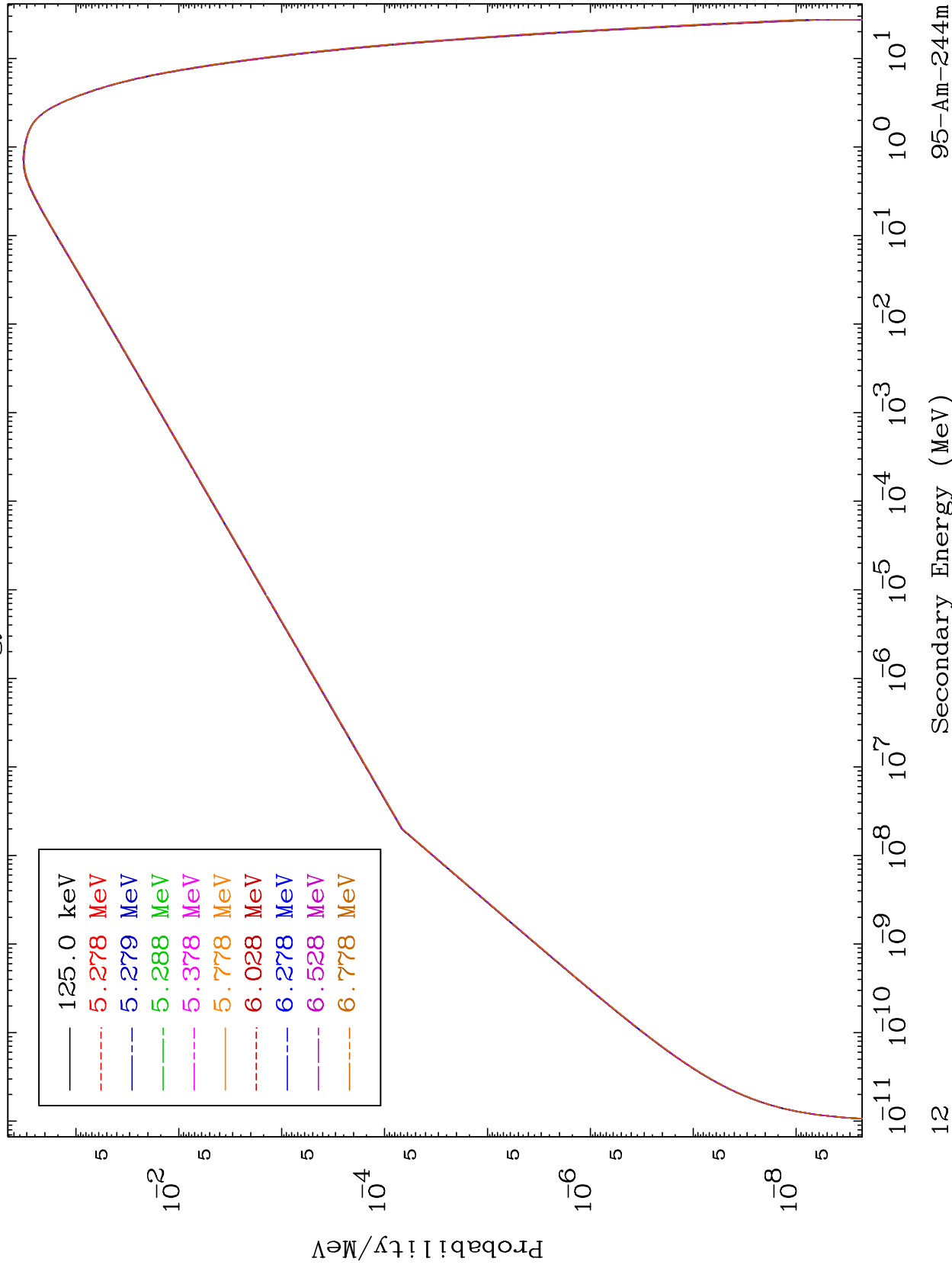
Incident Energy (MeV)

95-Am-244m

MAT 9553

Fission
Energy Distributions

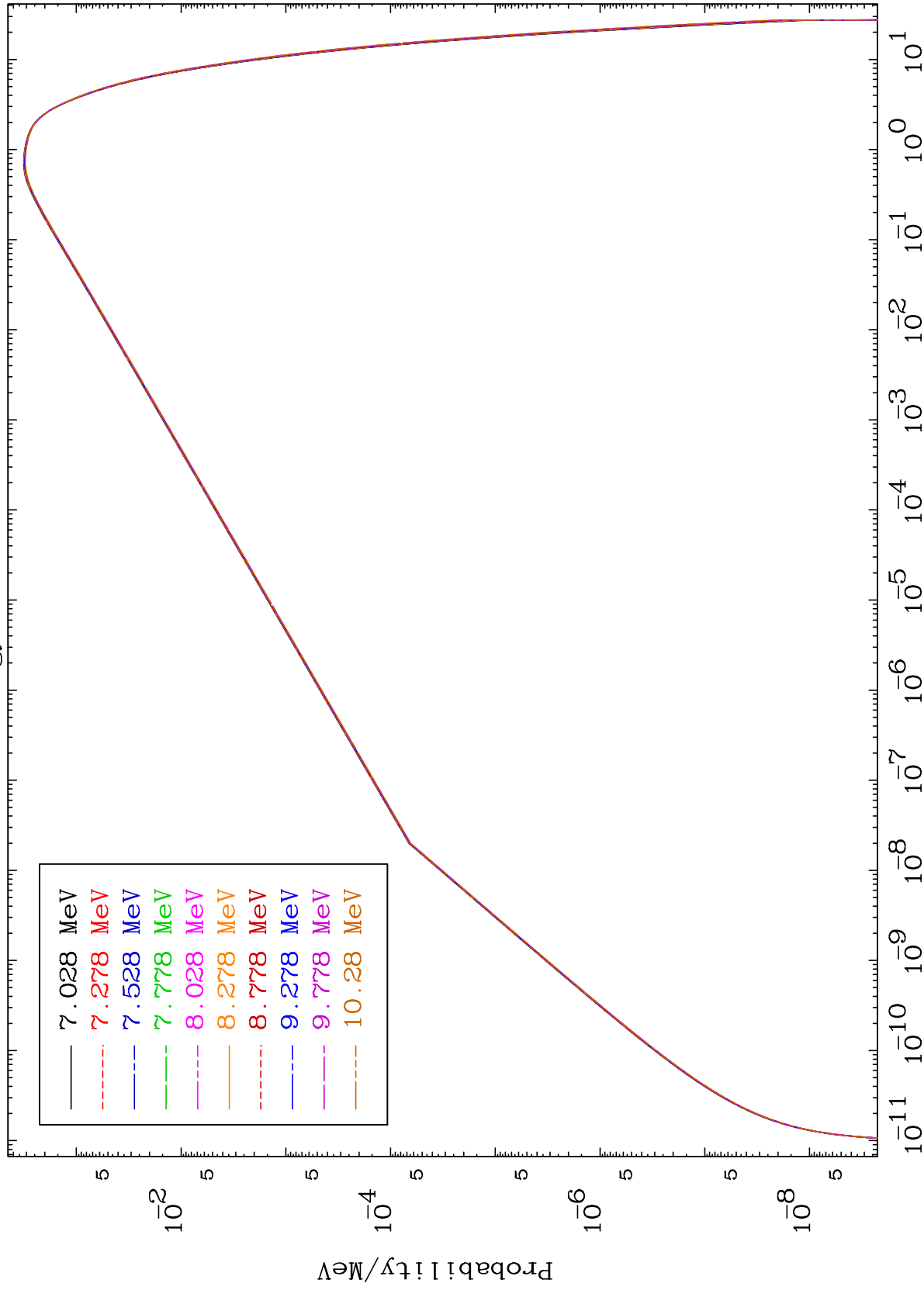
95-Am-244m



MAT 9553

Fission
Energy Distributions

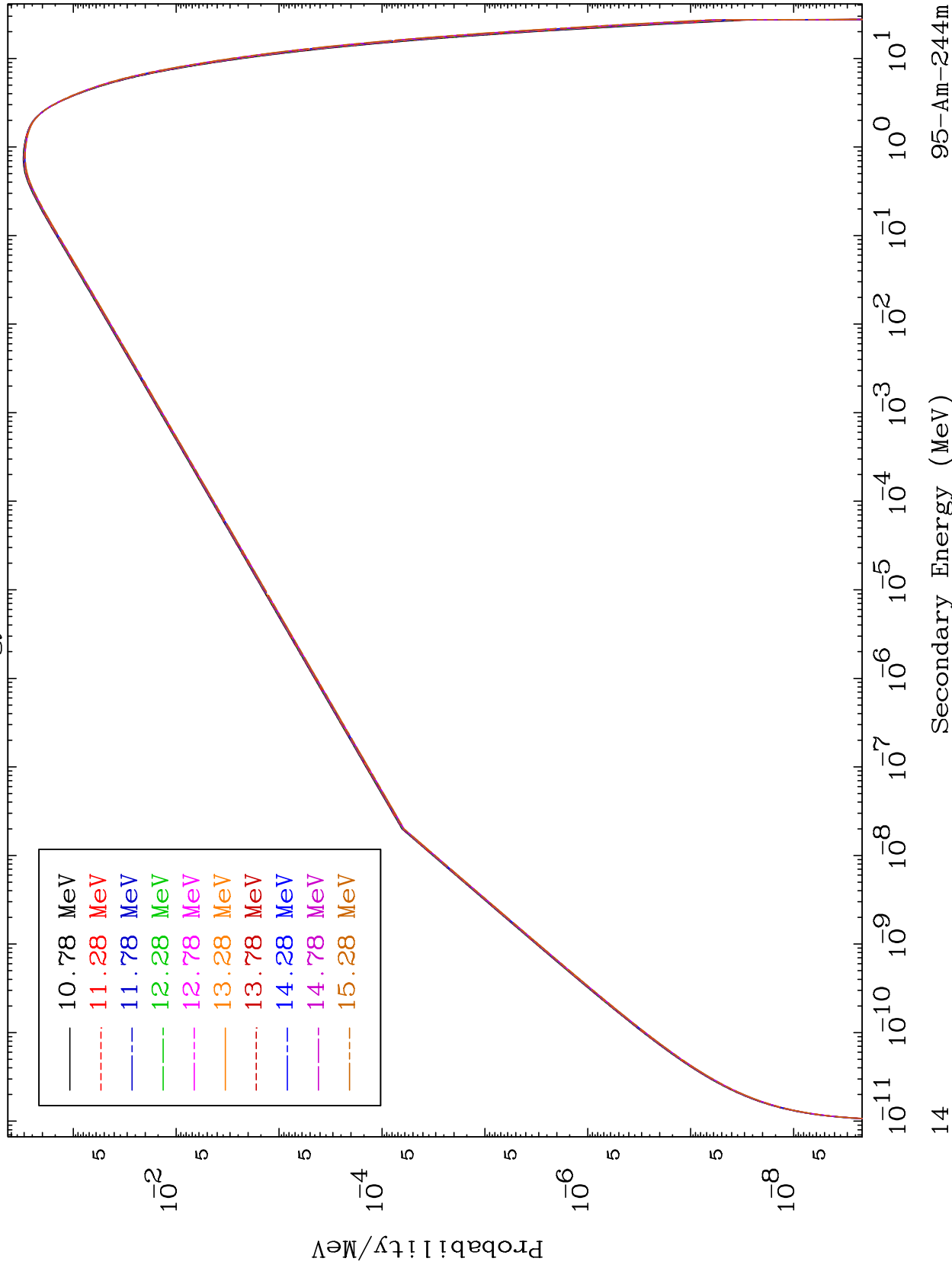
95-Am-244m



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Fission
Energy Distributions

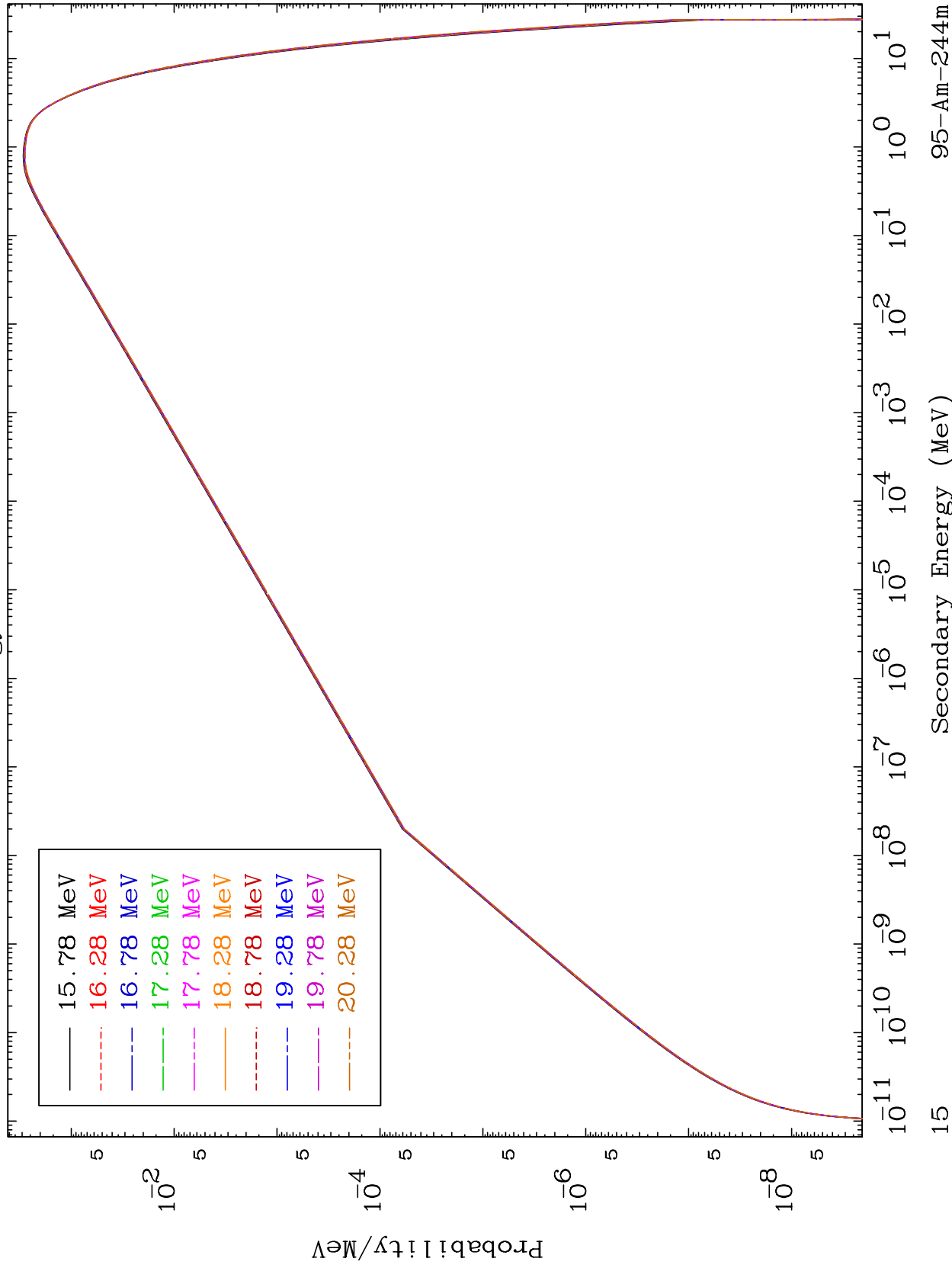
95-Am-244m



MAT 9553

Fission
Energy Distributions

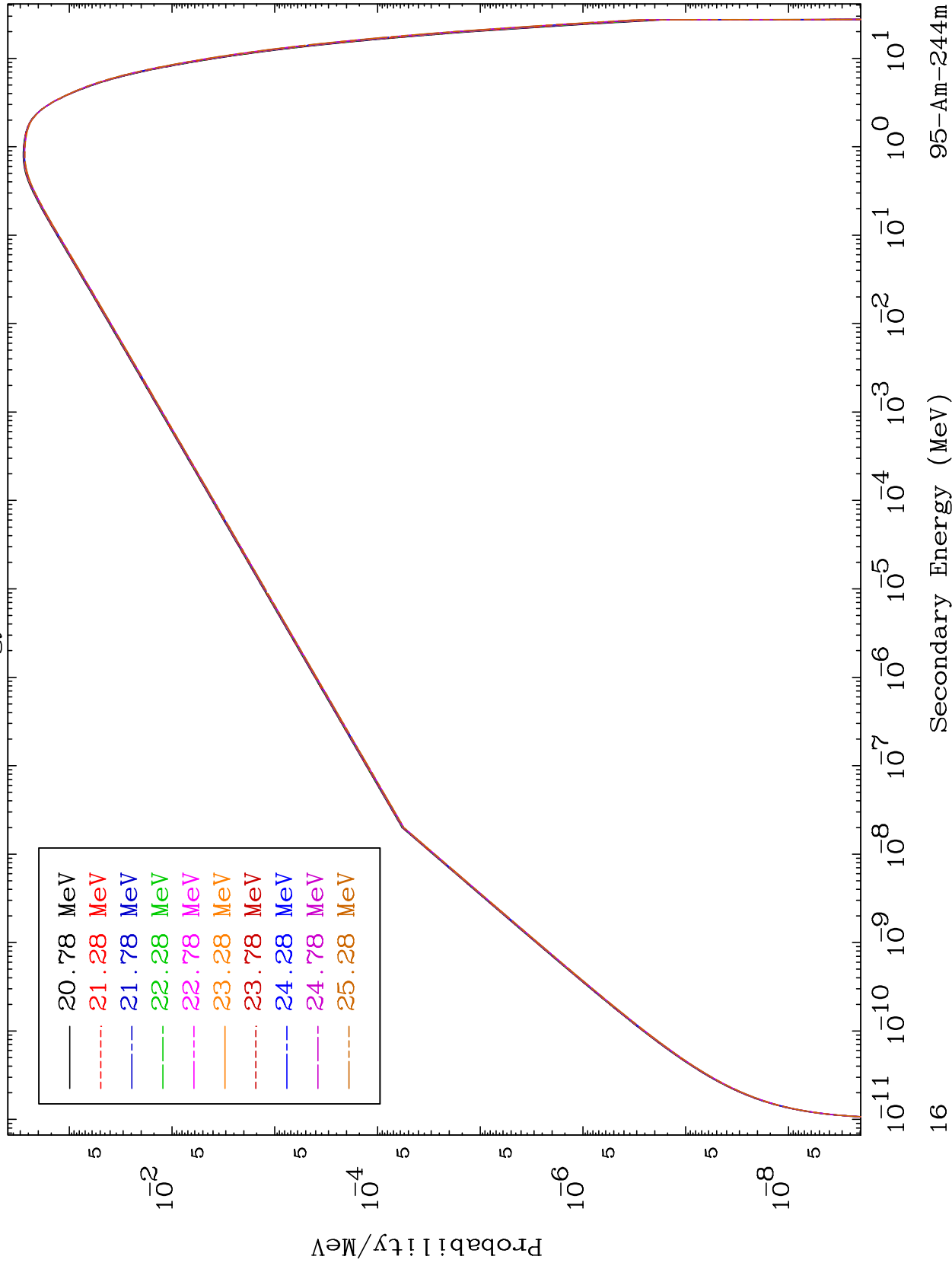
95-Am-244m



MAT 9553

Fission
Energy Distributions

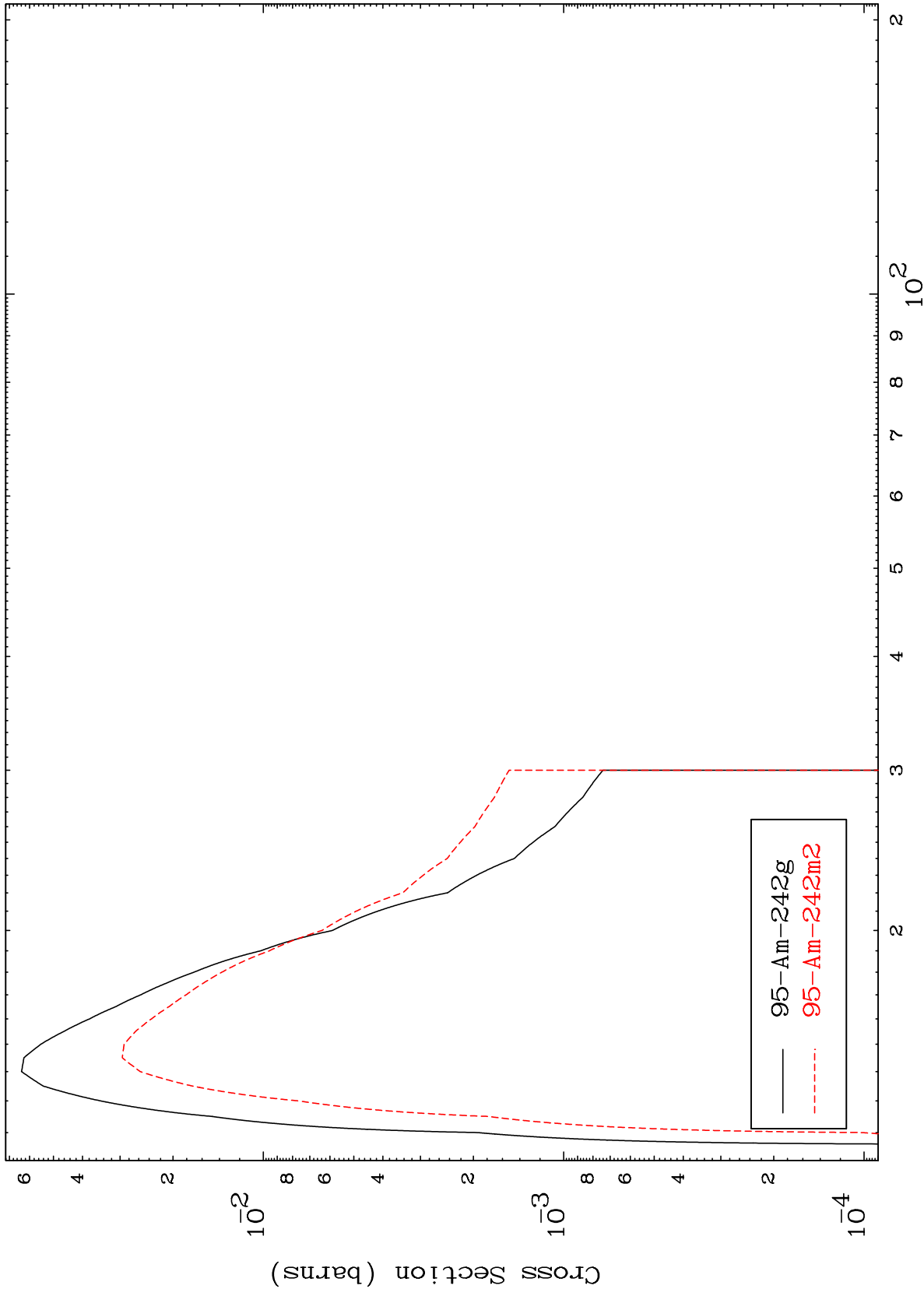
95-Am-244m



MAT 9553

95-Am-244m

(n,2n)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

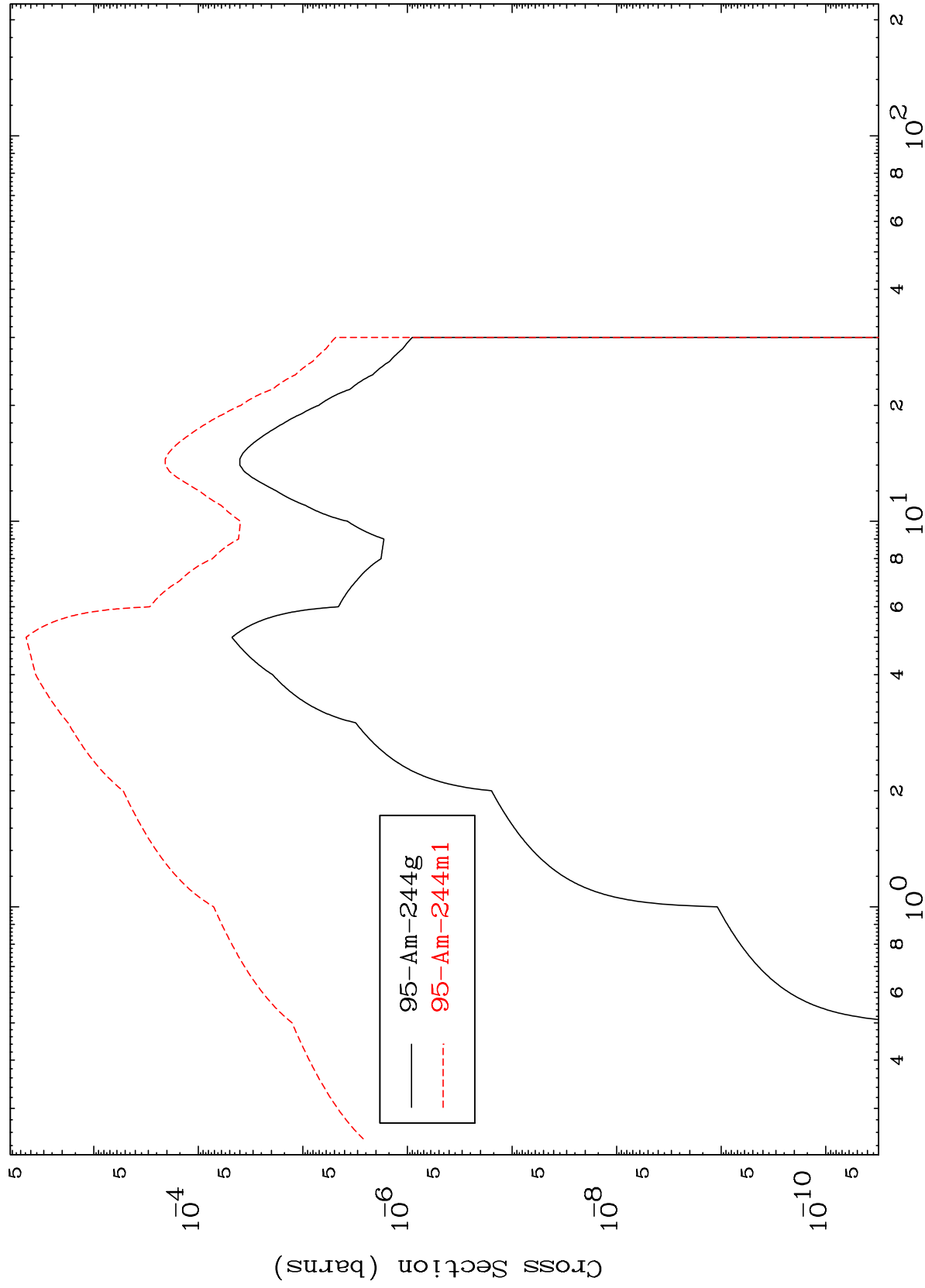
95-Am-244m

MAT 9553

95-Am-244m

Radionuclide Production Cross Section

(n, γ)



18

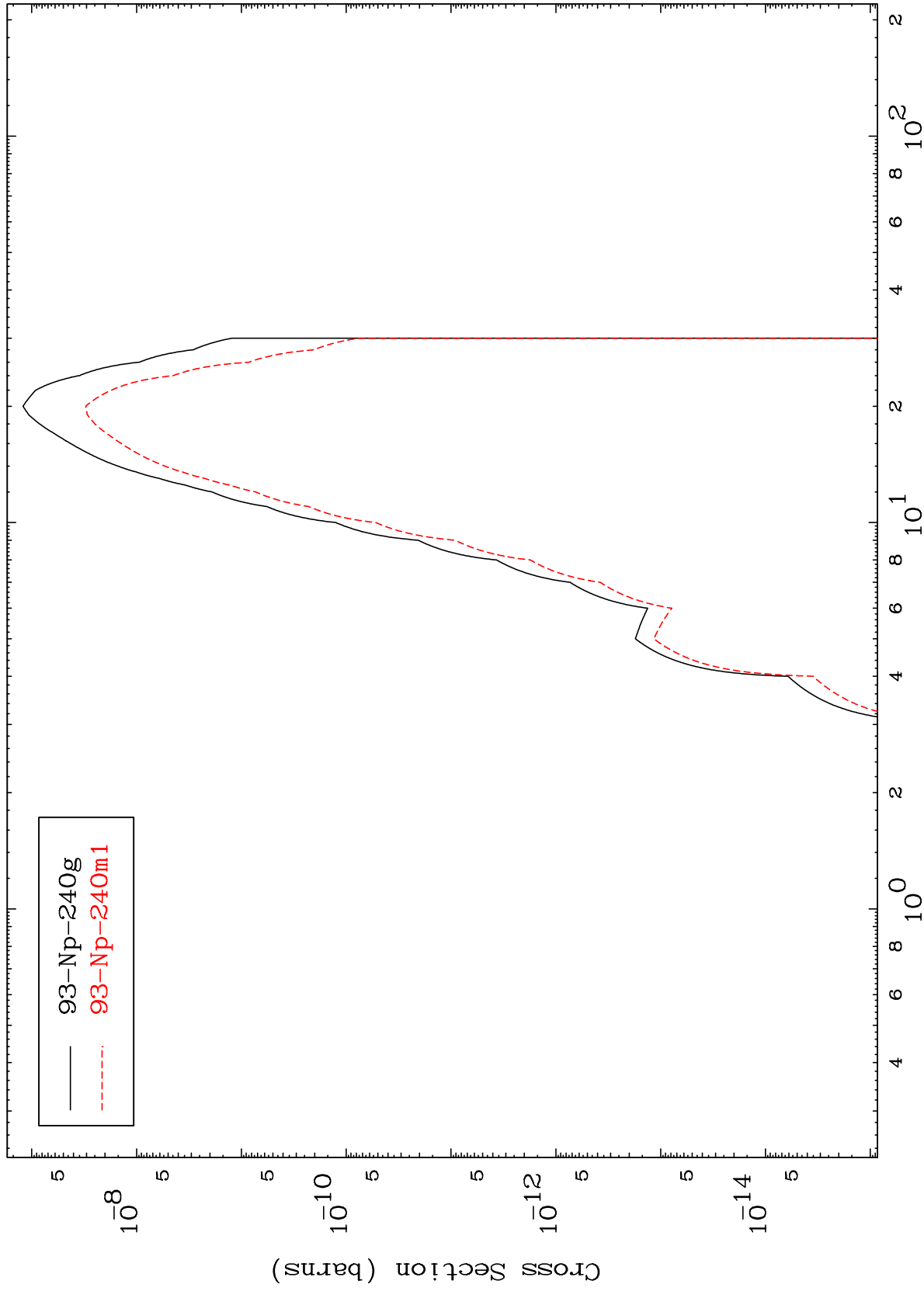
Incident Energy (MeV)

95-Am-244m

MAT 9553

95-Am-244m

Radionuclide Production Cross Section
(n, α)



19

Incident Energy (MeV)

95-Am-244m