

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

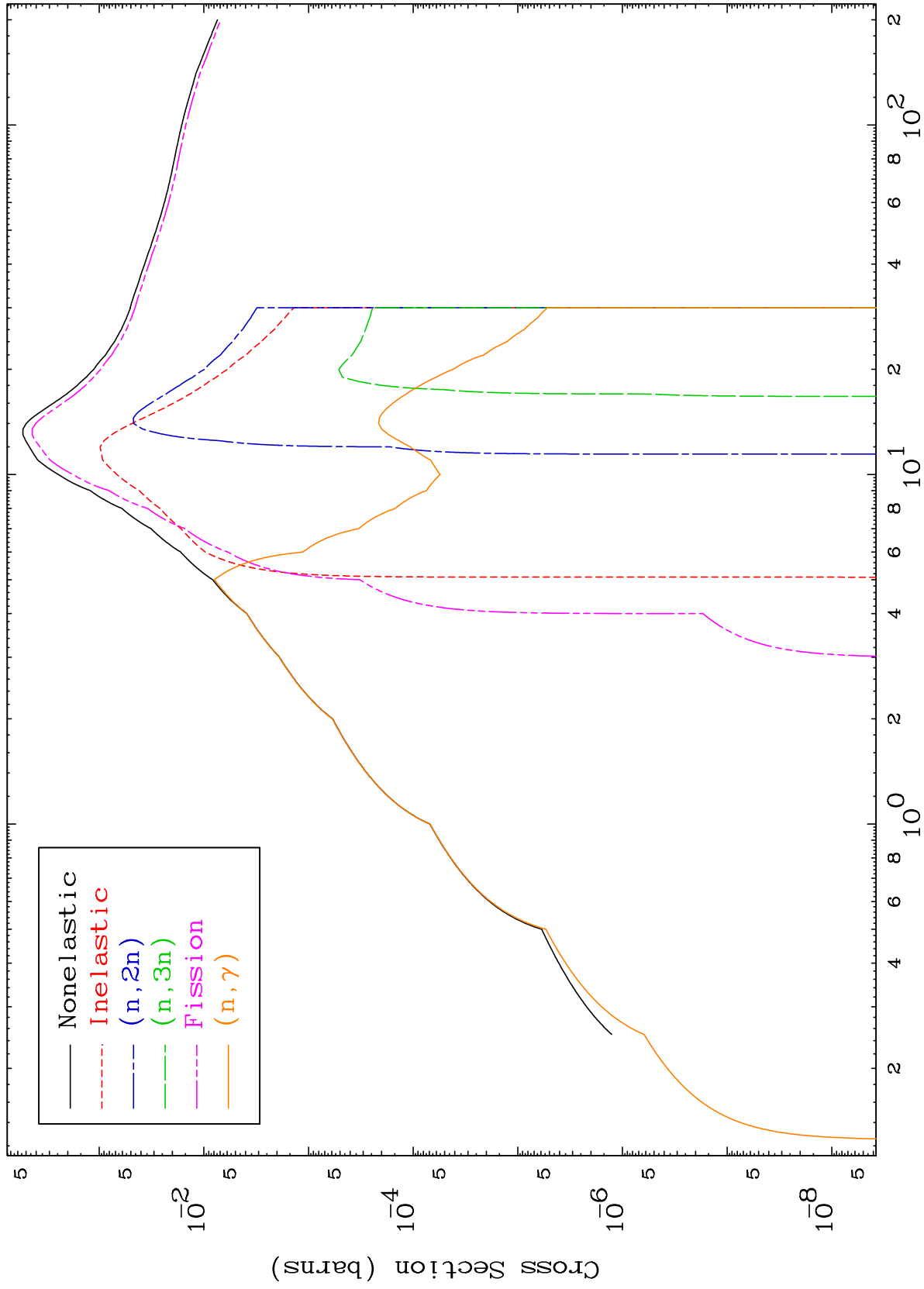
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9914

0 Kelvin Major
Photon Cross Sections

99-Es-254



1

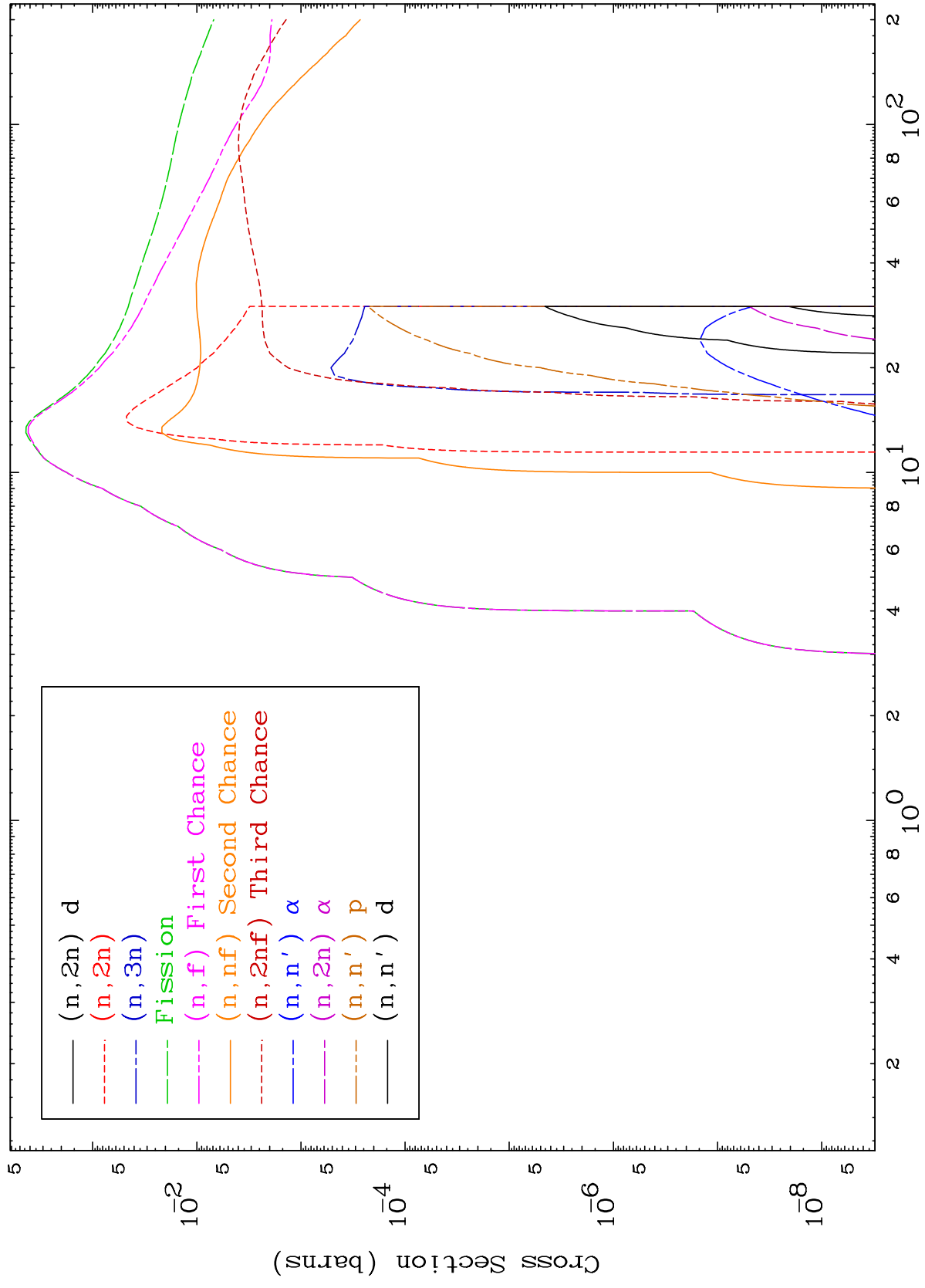
Incident Energy (MeV)

99-Es-254

MAT 9914

Photon Neutron Absorption
0 Kelvin Cross Sections

99-Es-254



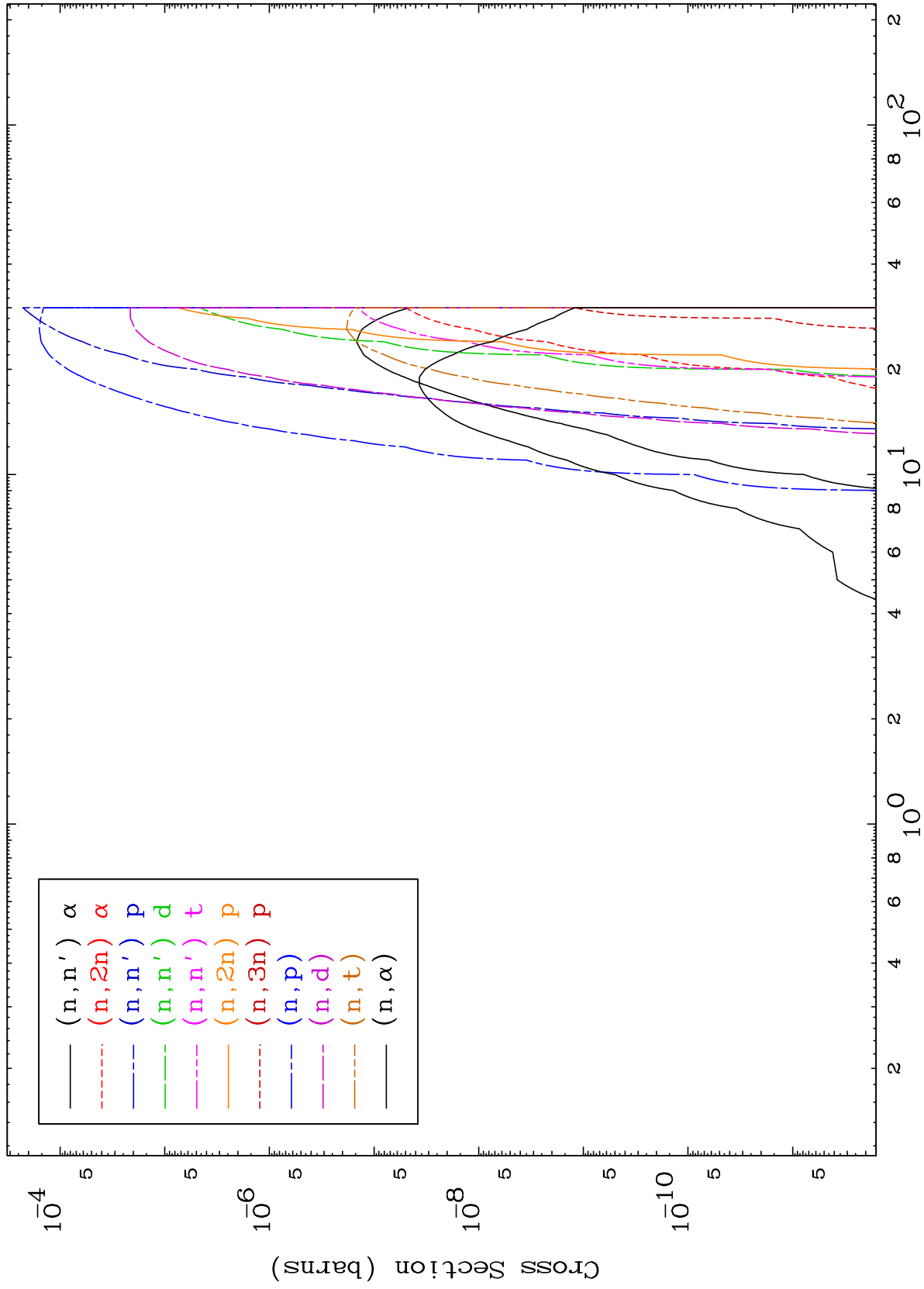
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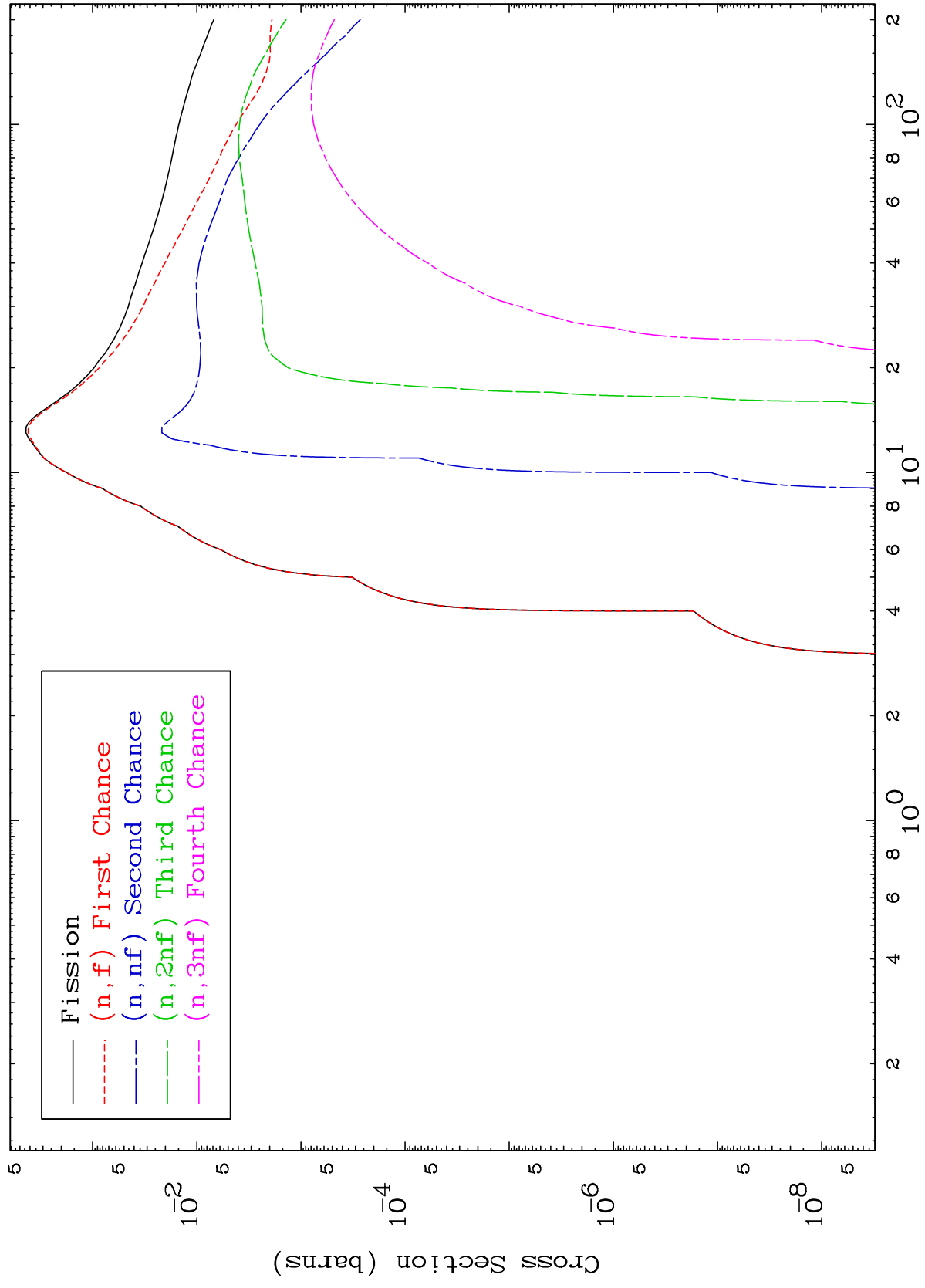
99-Es-254

MAT 9914

Photon Charged Particle
0 Kelvin Cross Sections

99-Es-254

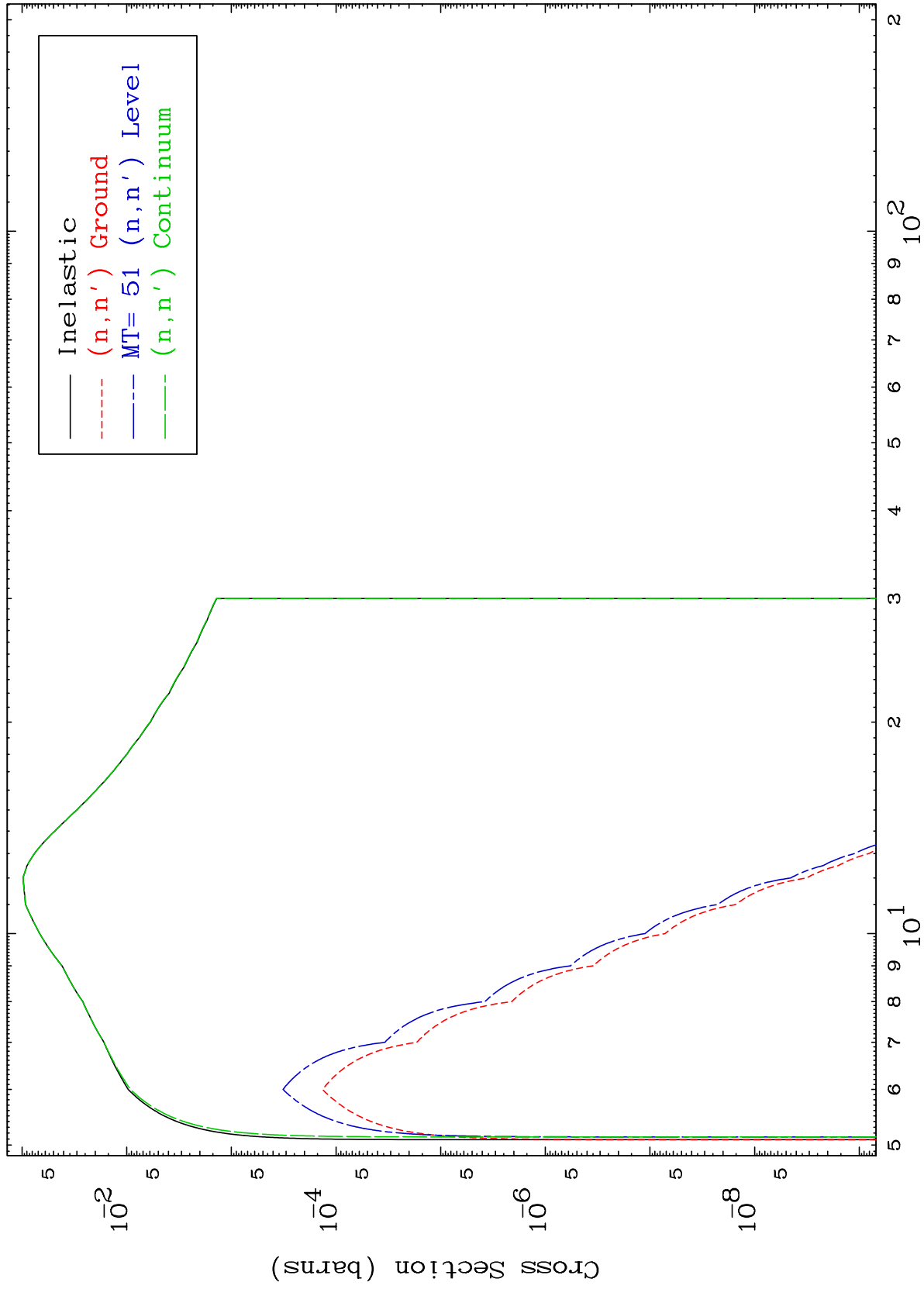




MAT 9914

(γ, n') Levels
0 Kelvin Cross Sections

99-Es-254



6

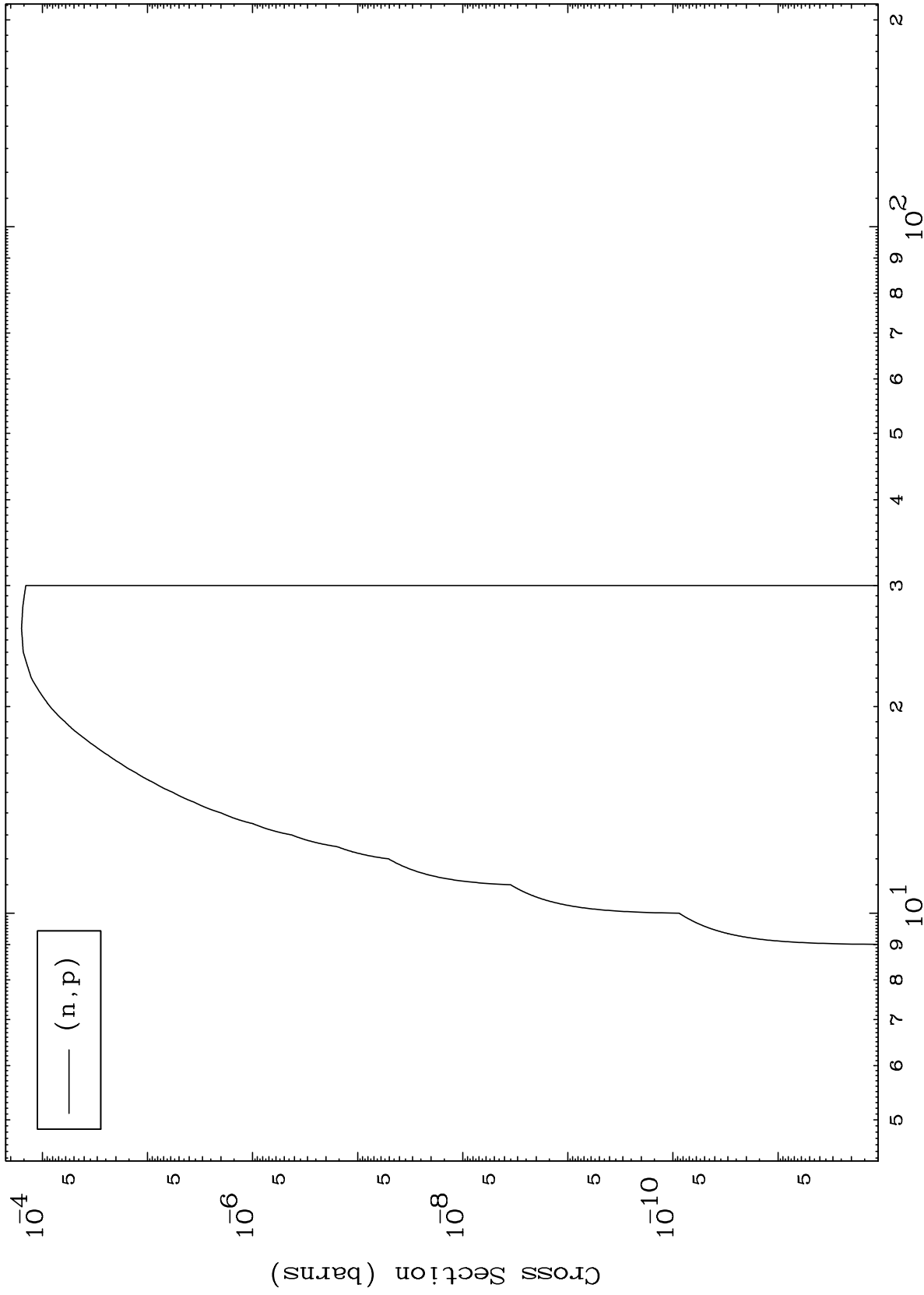
Incident Energy (MeV)

99-Es-254

MAT 9914

(γ, p) Levels
0 Kelvin Cross Sections

99-Es-254



7

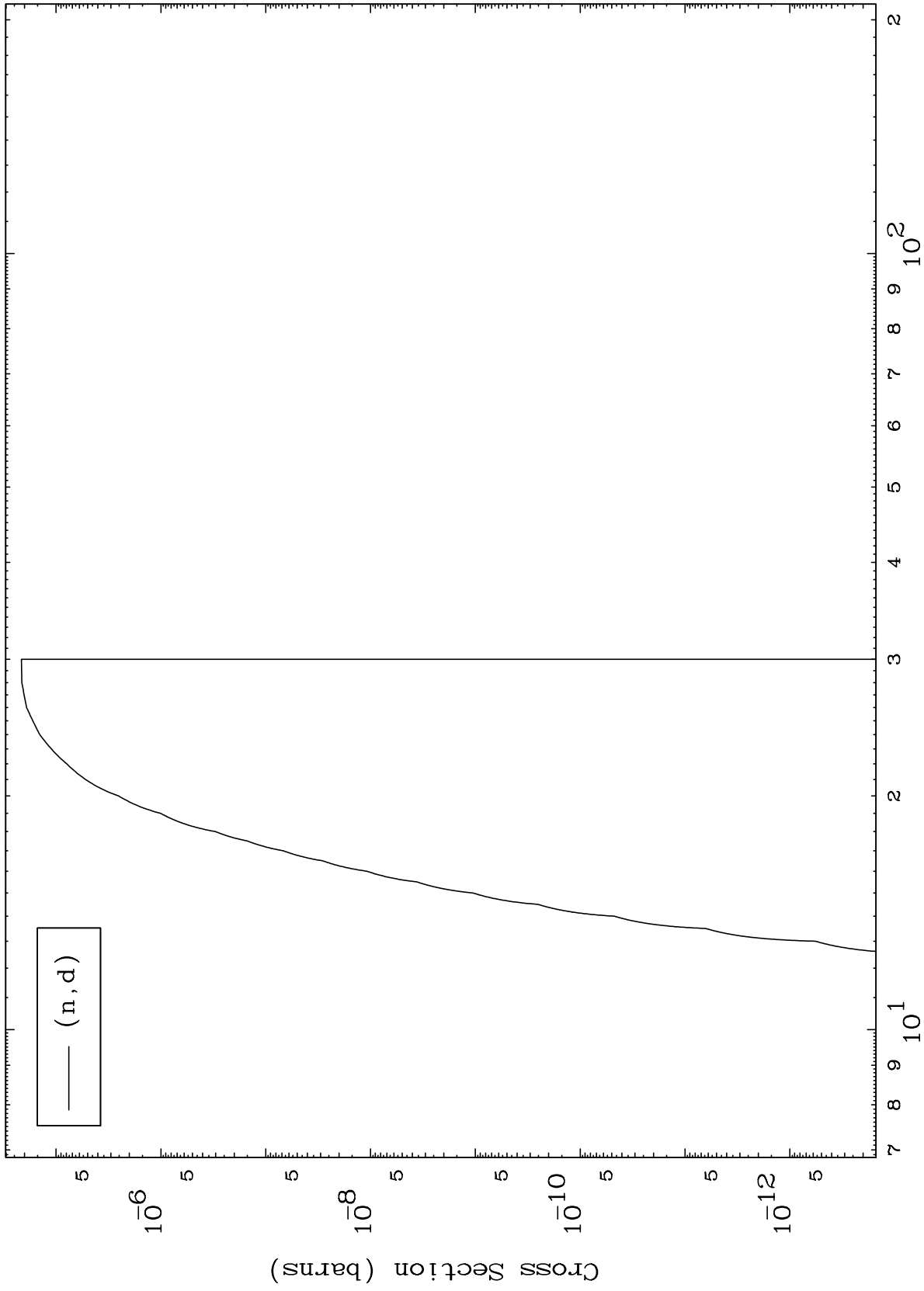
Incident Energy (MeV)

99-Es-254

MAT 9914

(γ, d) Levels
0 Kelvin Cross Sections

99-Es-254



8

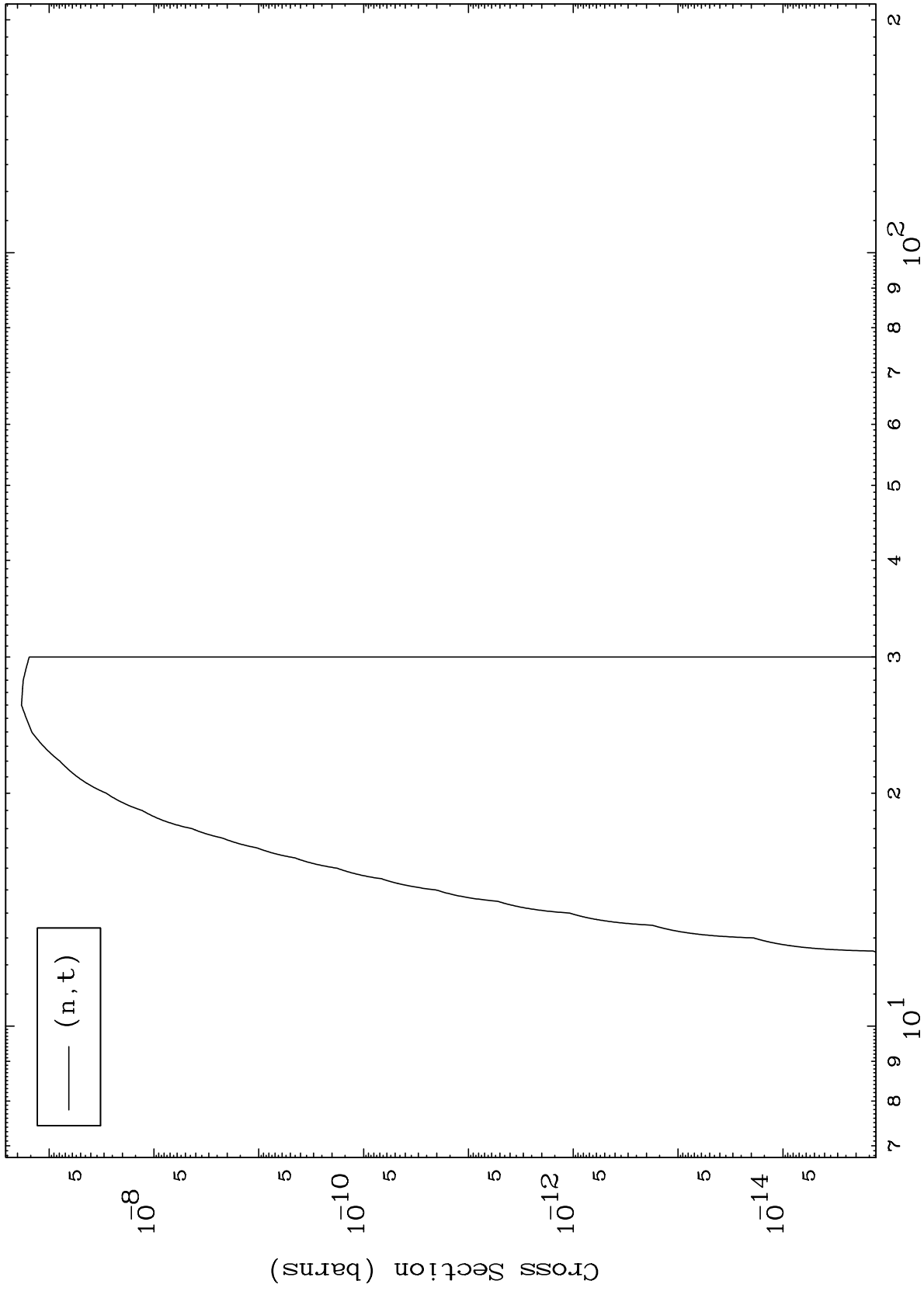
Incident Energy (MeV)

99-Es-254

MAT 9914

(γ, t) Levels
0 Kelvin Cross Sections

99-Es-254



9

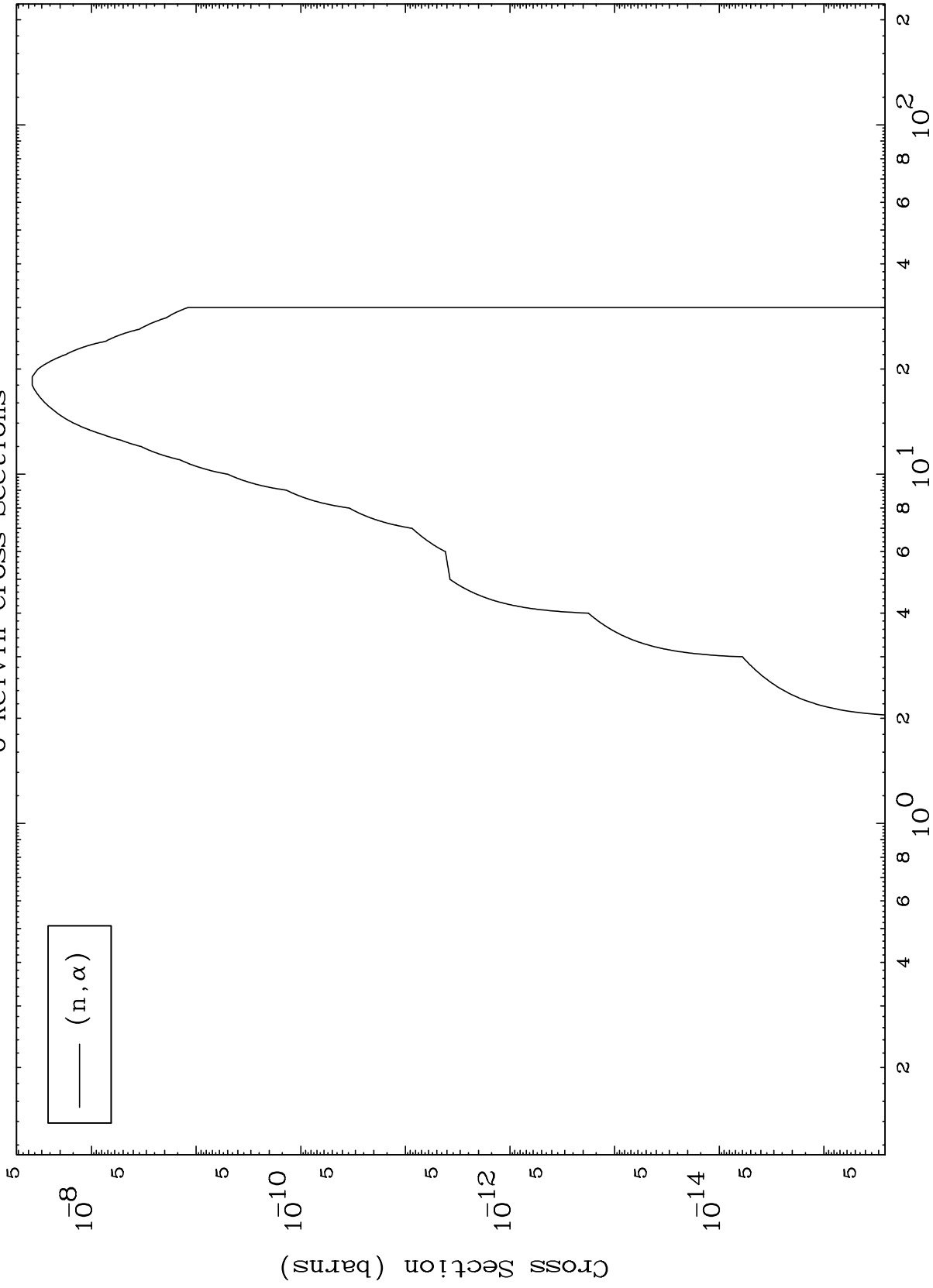
Incident Energy (MeV)

99-Es-254

MAT 9914

(γ, α) Levels
0 Kelvin Cross Sections

99-Es-254



10

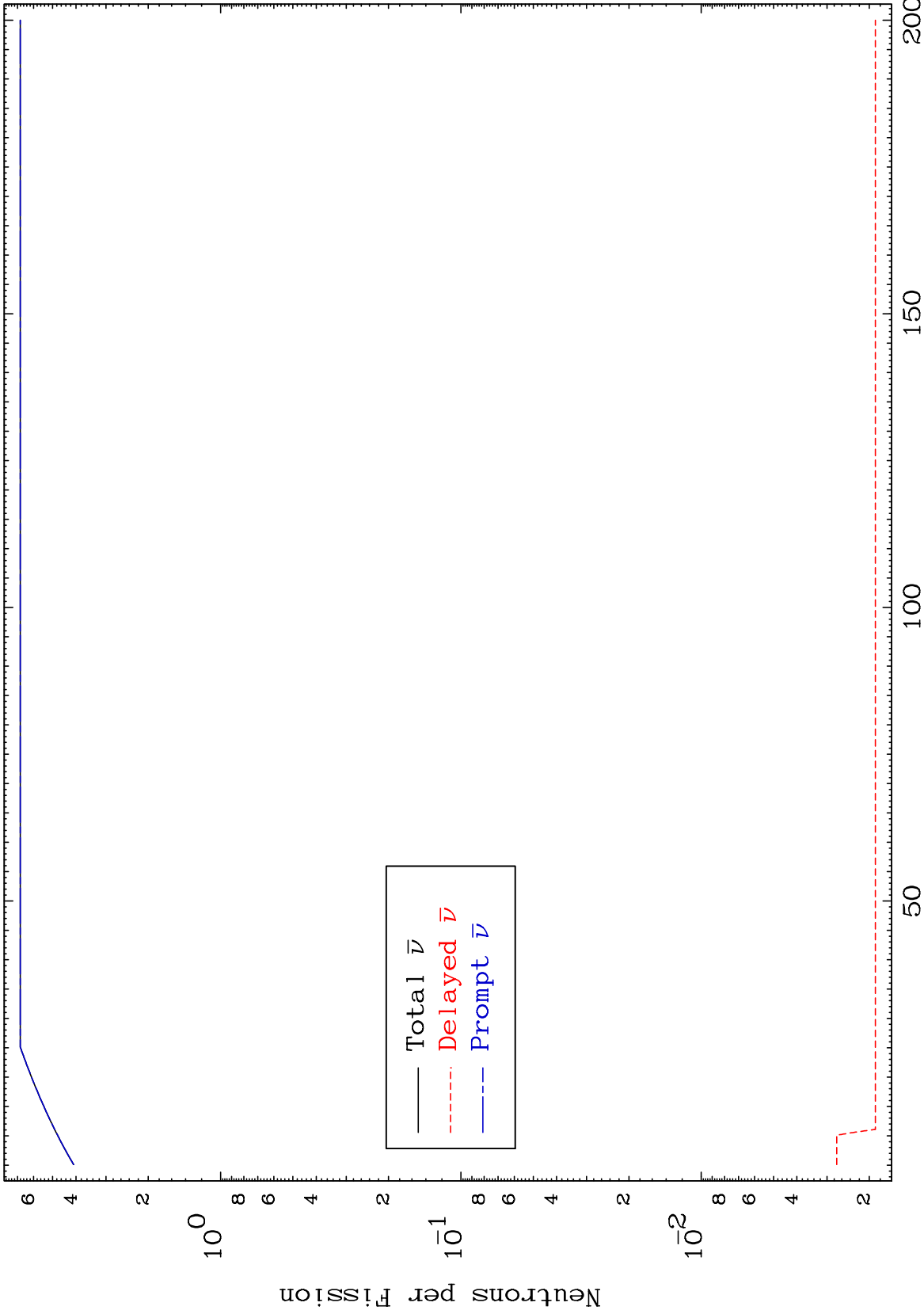
Incident Energy (MeV)

99-Es-254

MAT 9914

Photon Neutrons
per Fission

99-Es-254



11

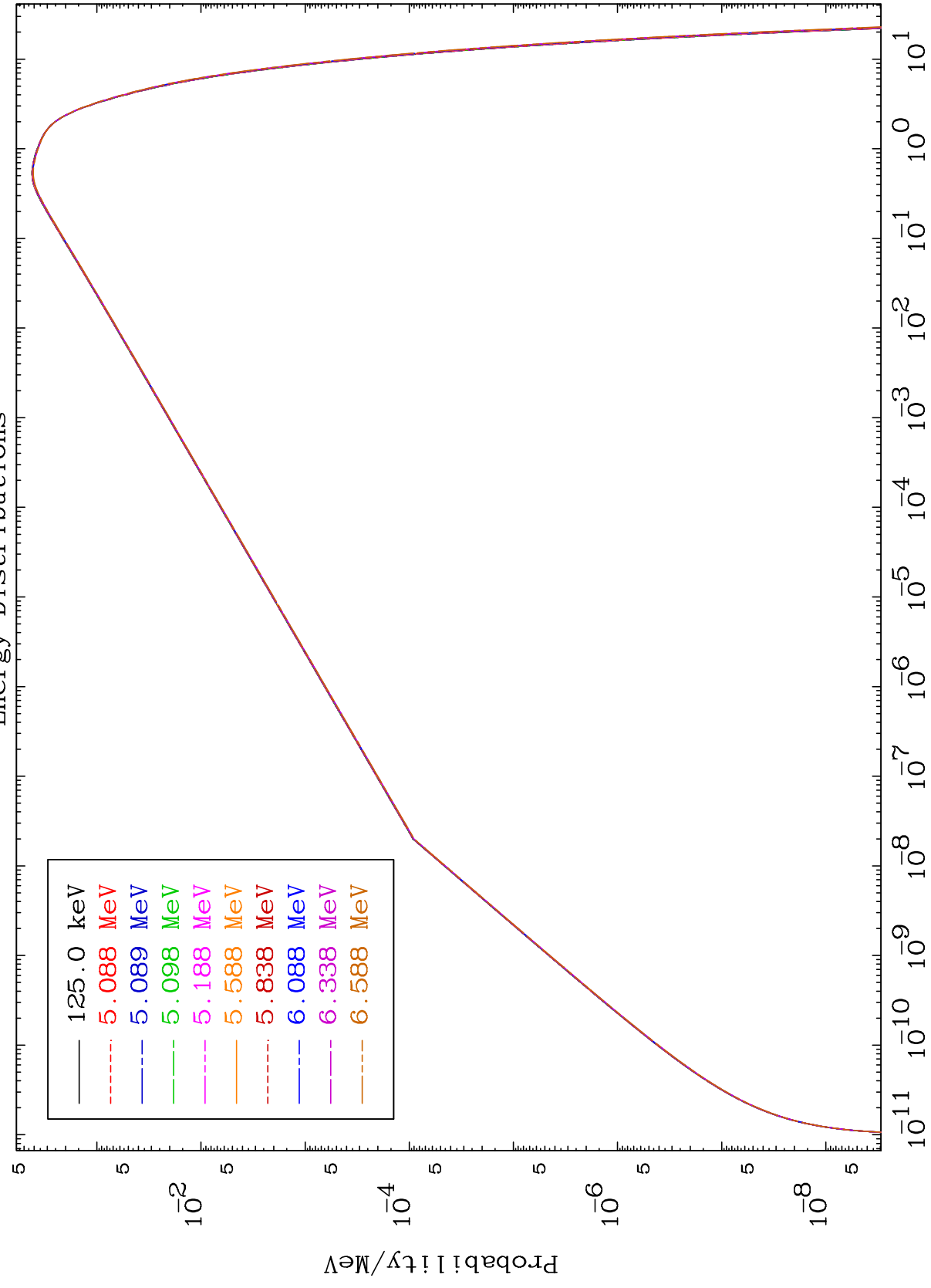
Incident Energy (MeV)

99-Es-254

MAT 9914

Fission Energy Distributions

99-Es-254



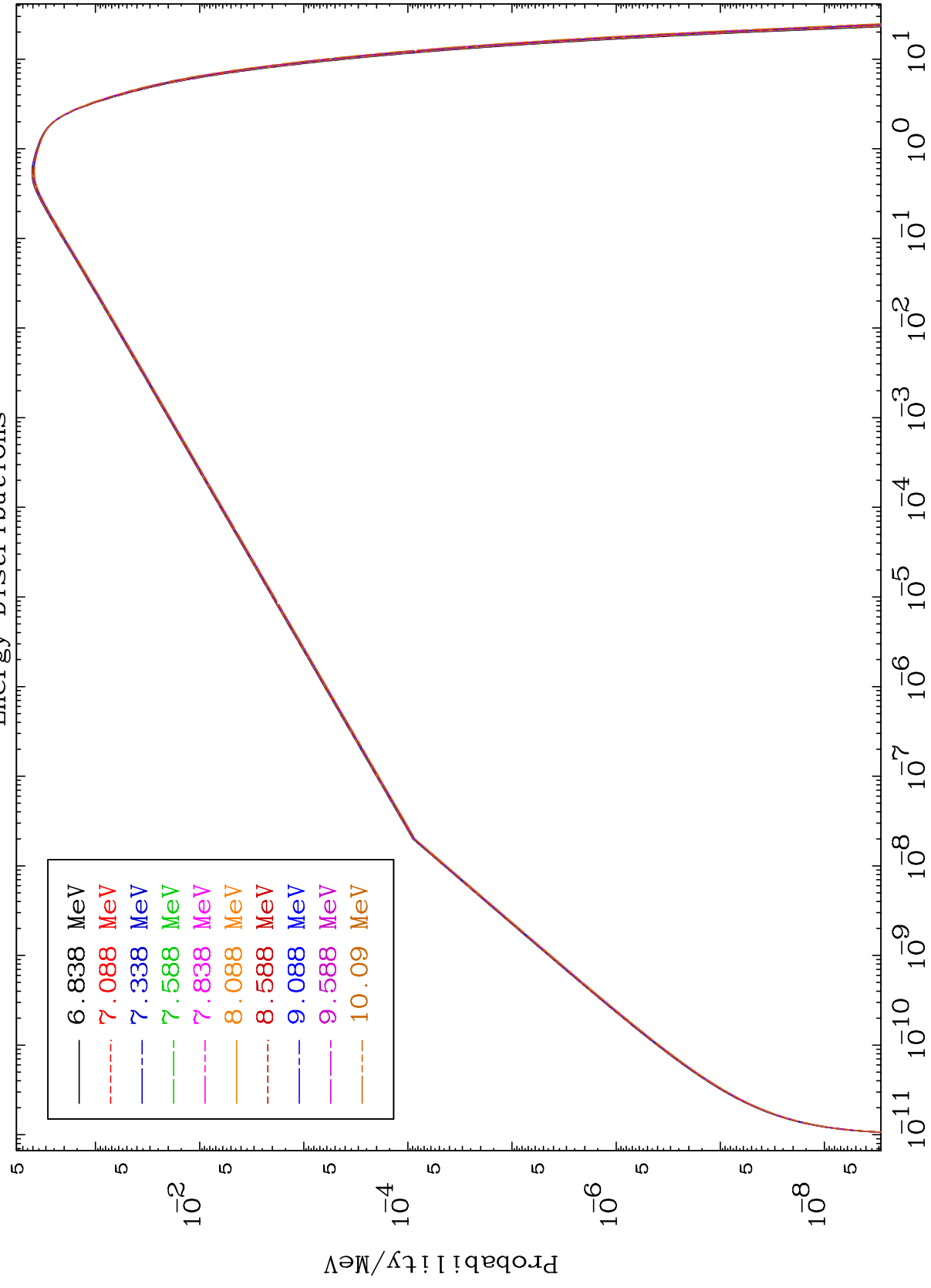
99-Es-254

Secondary Energy (MeV)

MAT 9914

Fission Energy Distributions

99-Es-254



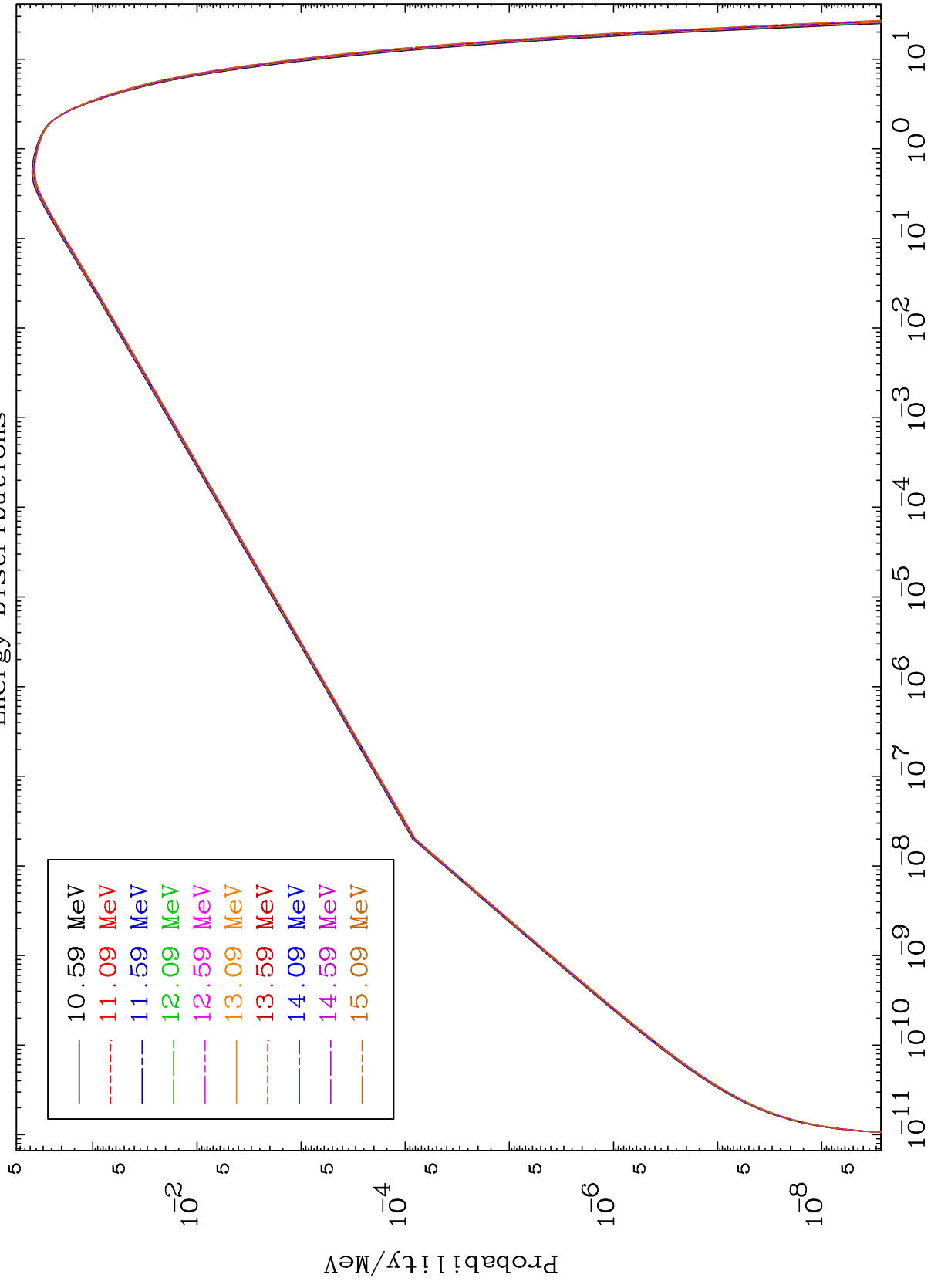
99-Es-254

Secondary Energy (MeV)

MAT 9914

Fission Energy Distributions

99-Es-254



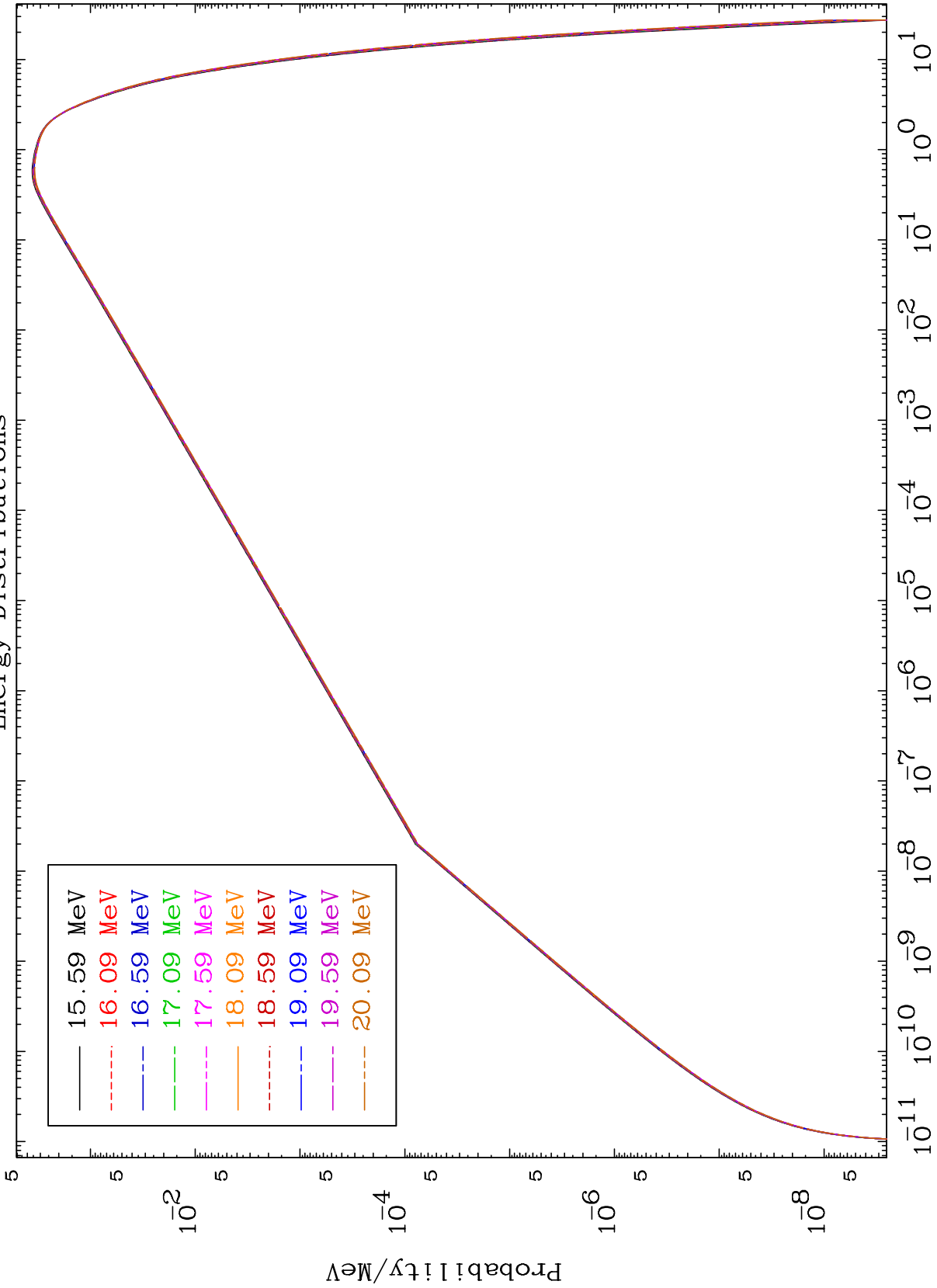
99-Es-254

Secondary Energy (MeV)

MAT 9914

Fission Energy Distributions

99-Es-254



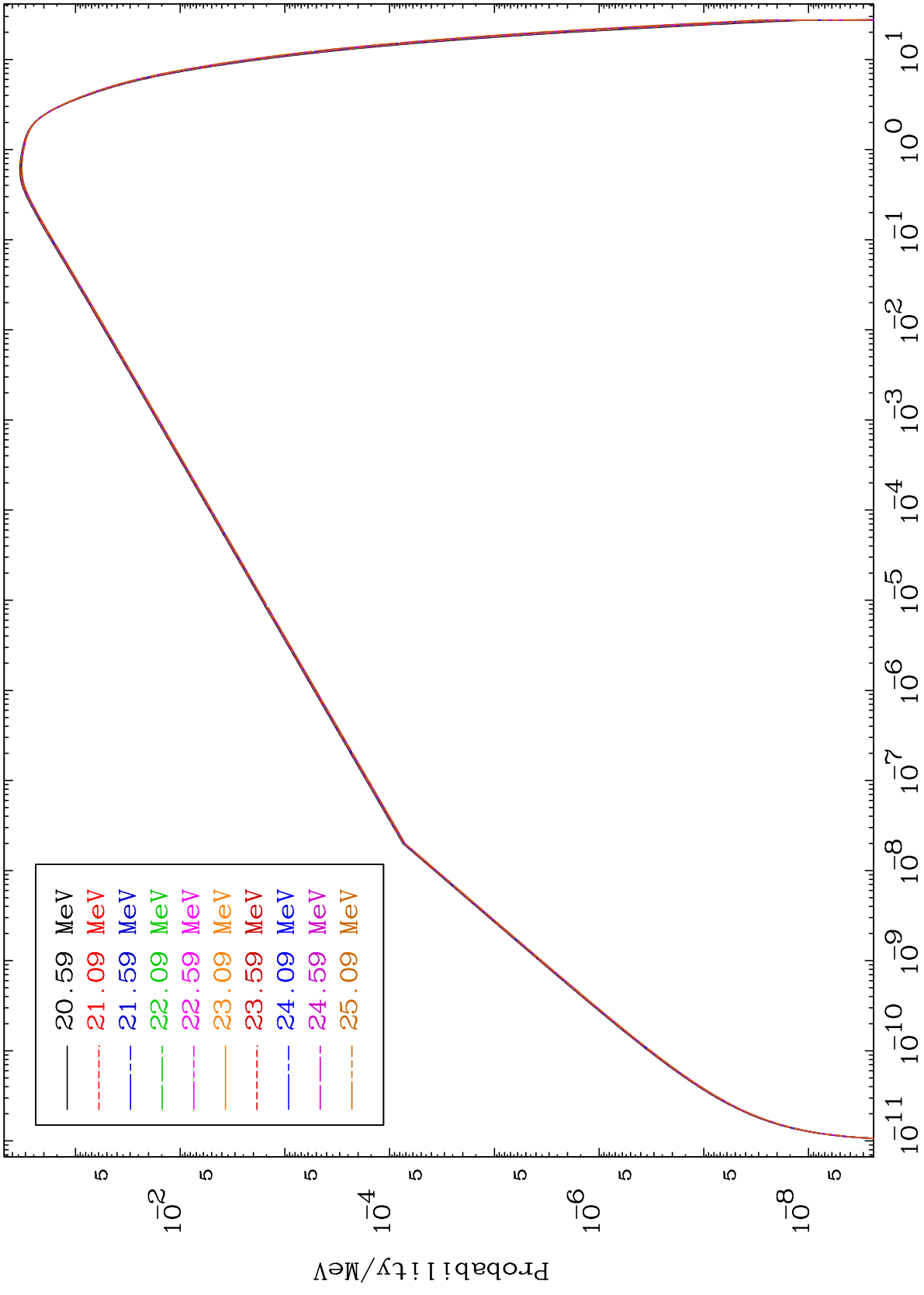
99-Es-254

Secondary Energy (MeV)

MAT 9914

Fission Energy Distributions

99-Es-254



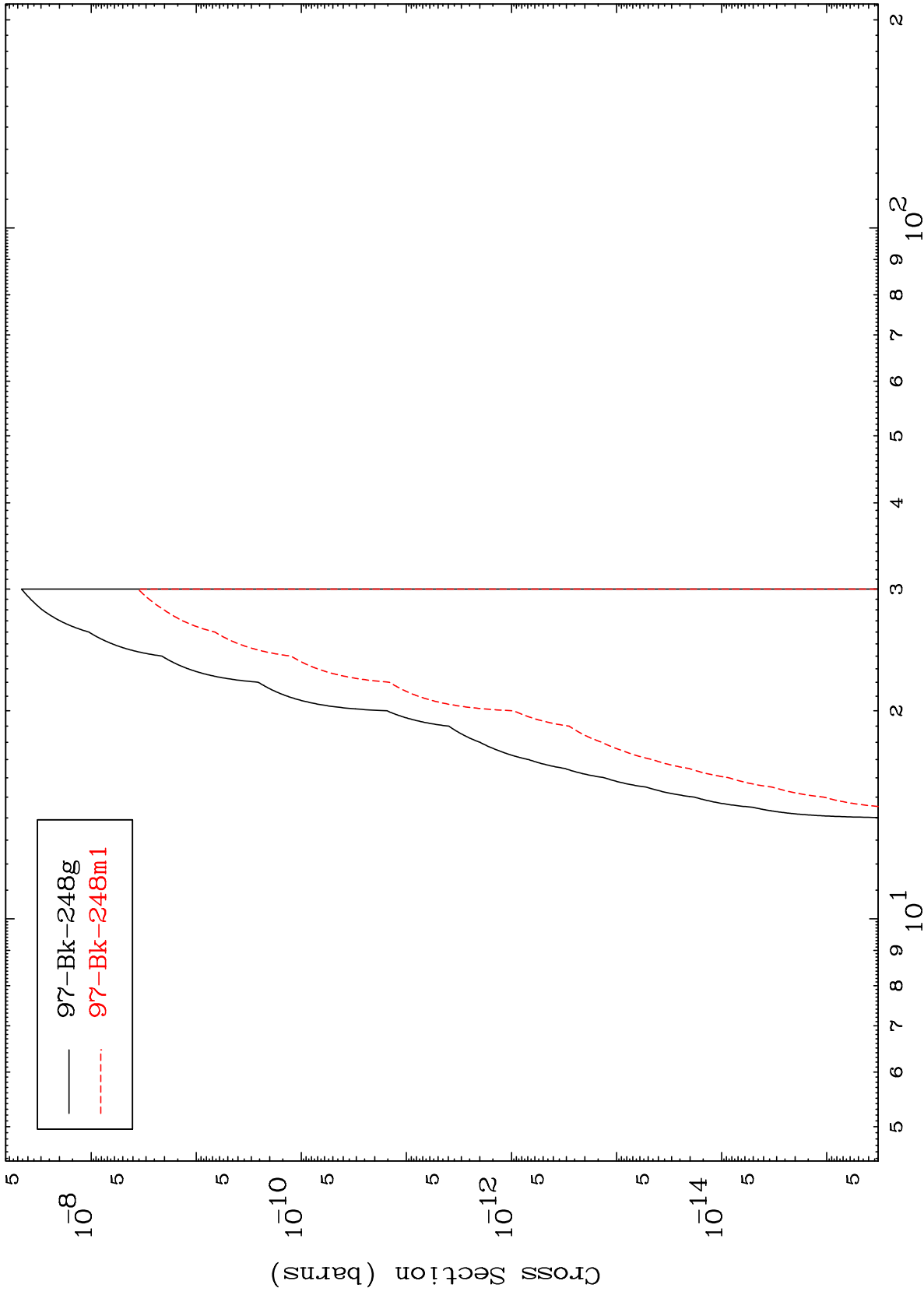
99-Es-254

MAT 9914

(n,2n) α

99-Es-254

Radionuclide Production Cross Section



17

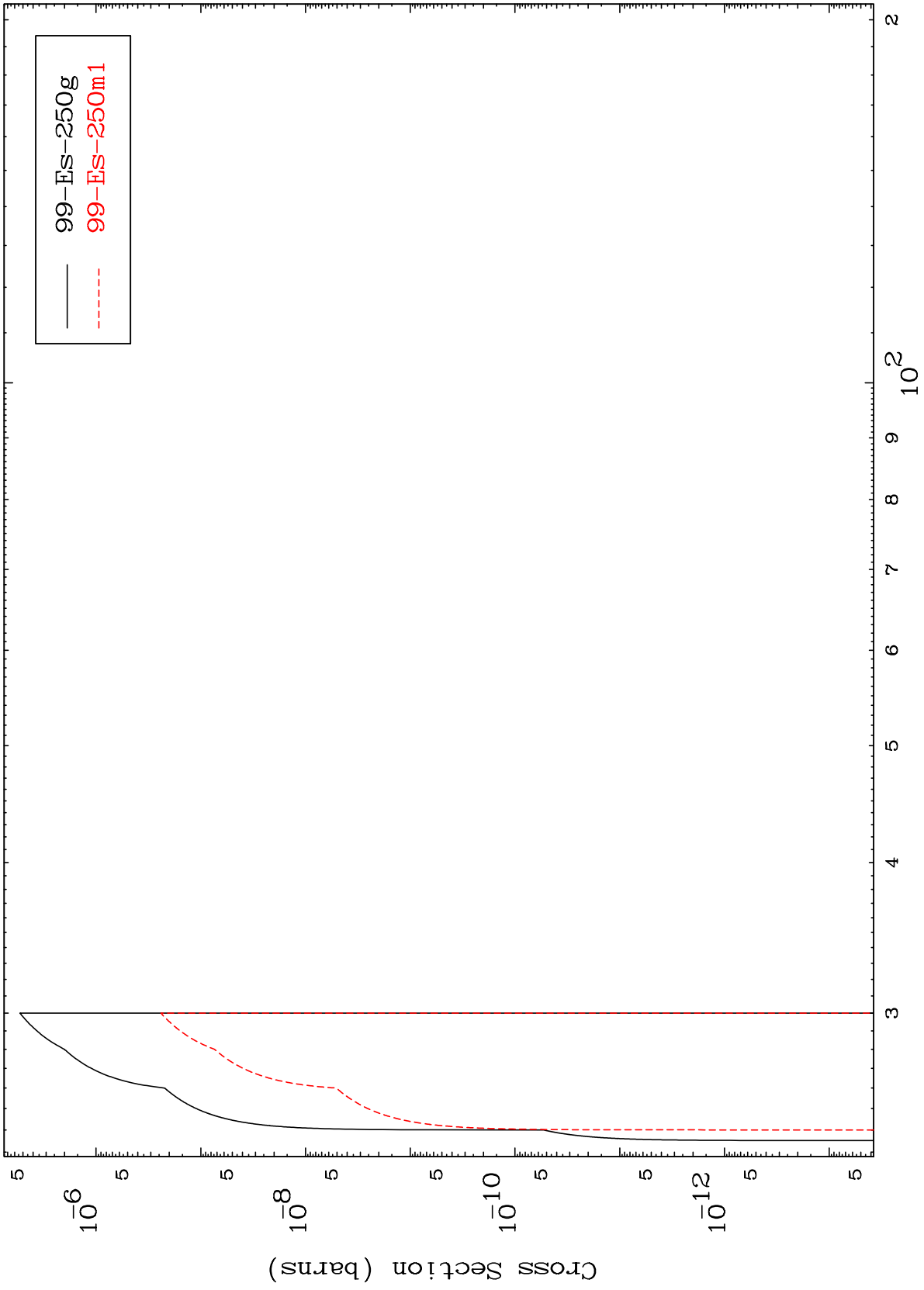
Incident Energy (MeV)

99-Es-254

MAT 9914

99-Es-254

(n,4n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

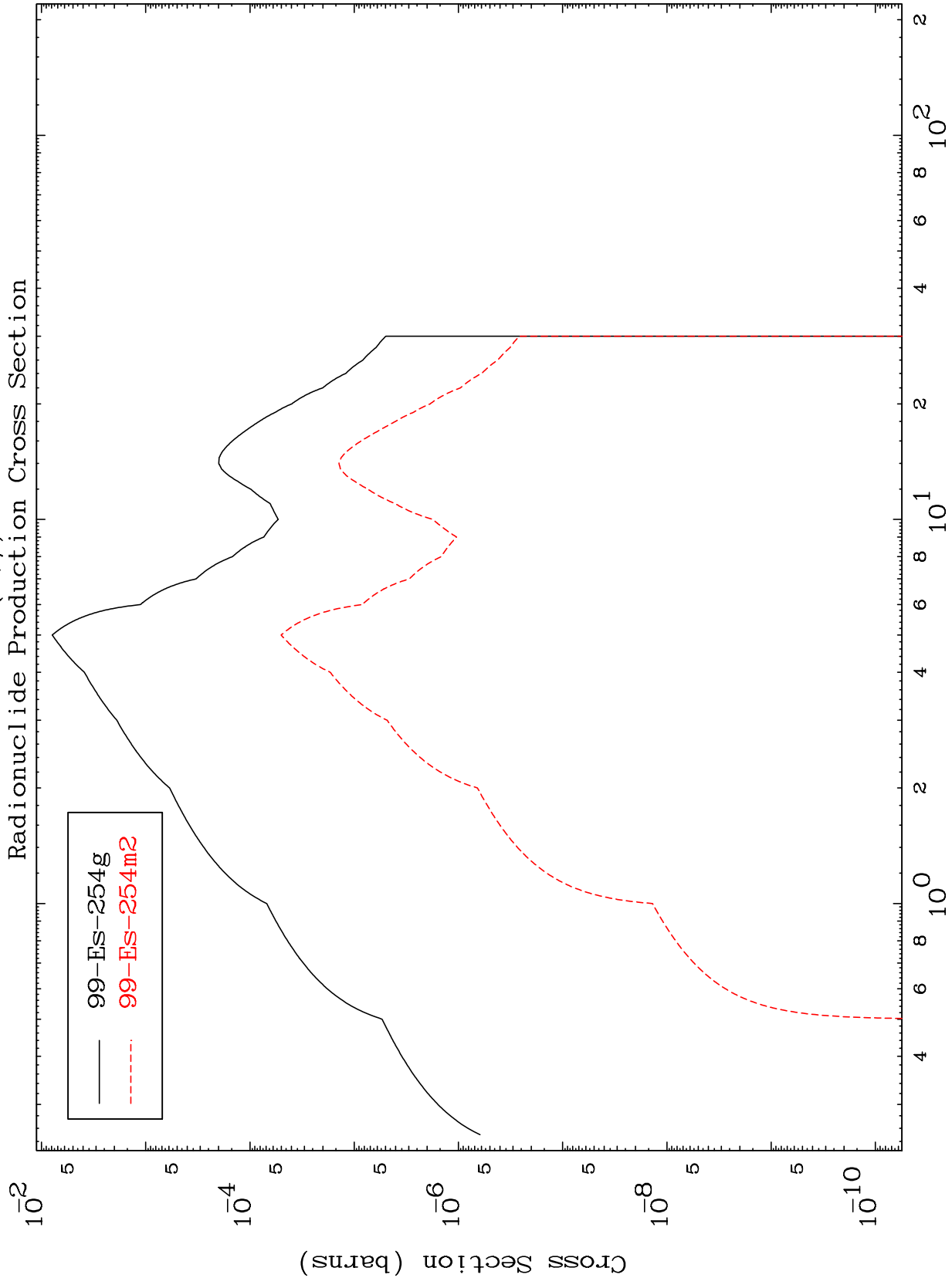
99-Es-254

MAT 9914

99-Es-254

Radionuclide Production Cross Section

(n, γ)



99-Es-254g
99-Es-254m2

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Incident Energy (MeV)

99-Es-254