

Program EVALPLOT
(Version 2018-1)

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

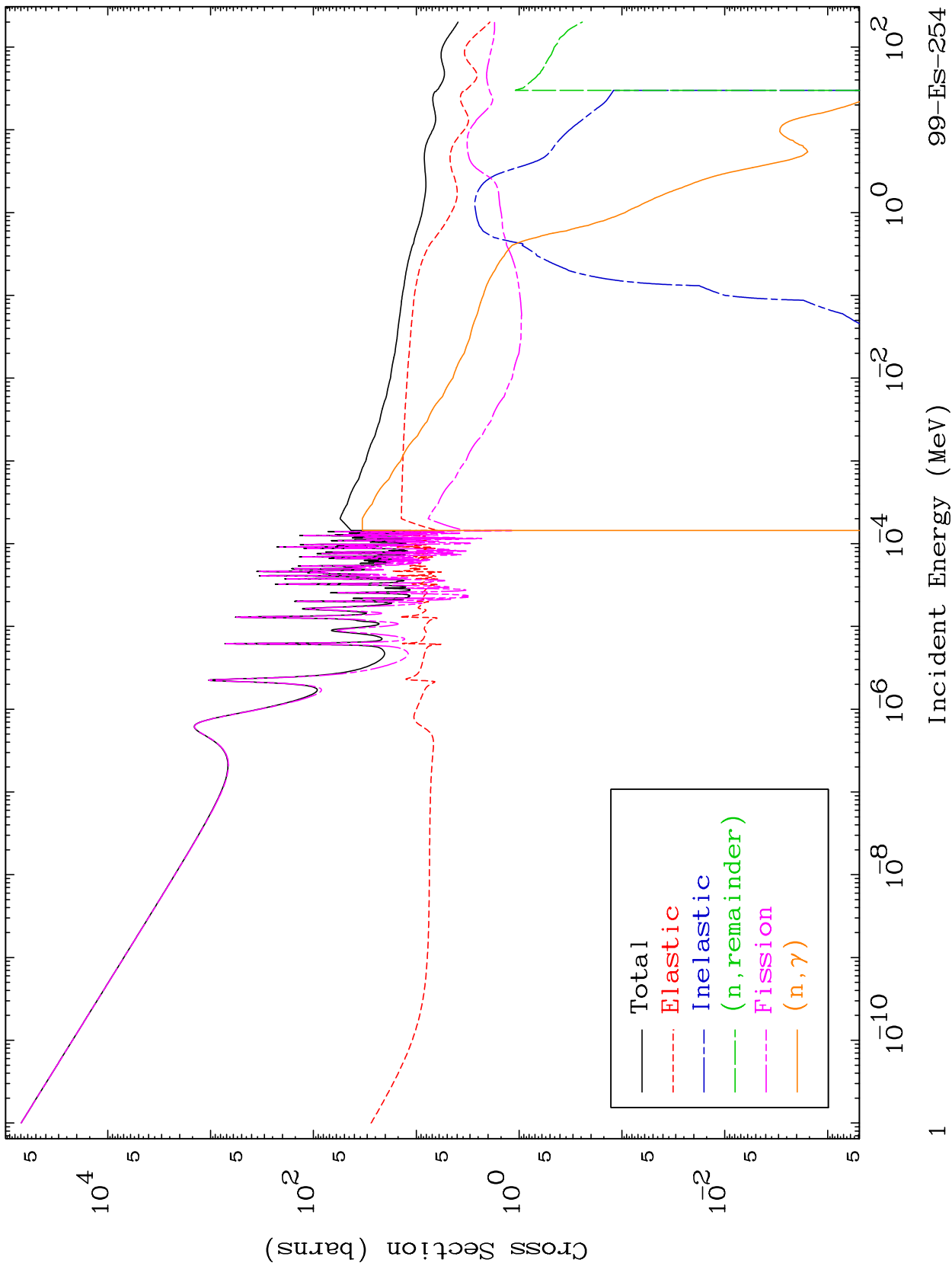
Press Mouse Button to Start

MAT 9919

Major

293 Kelvin Cross Sections

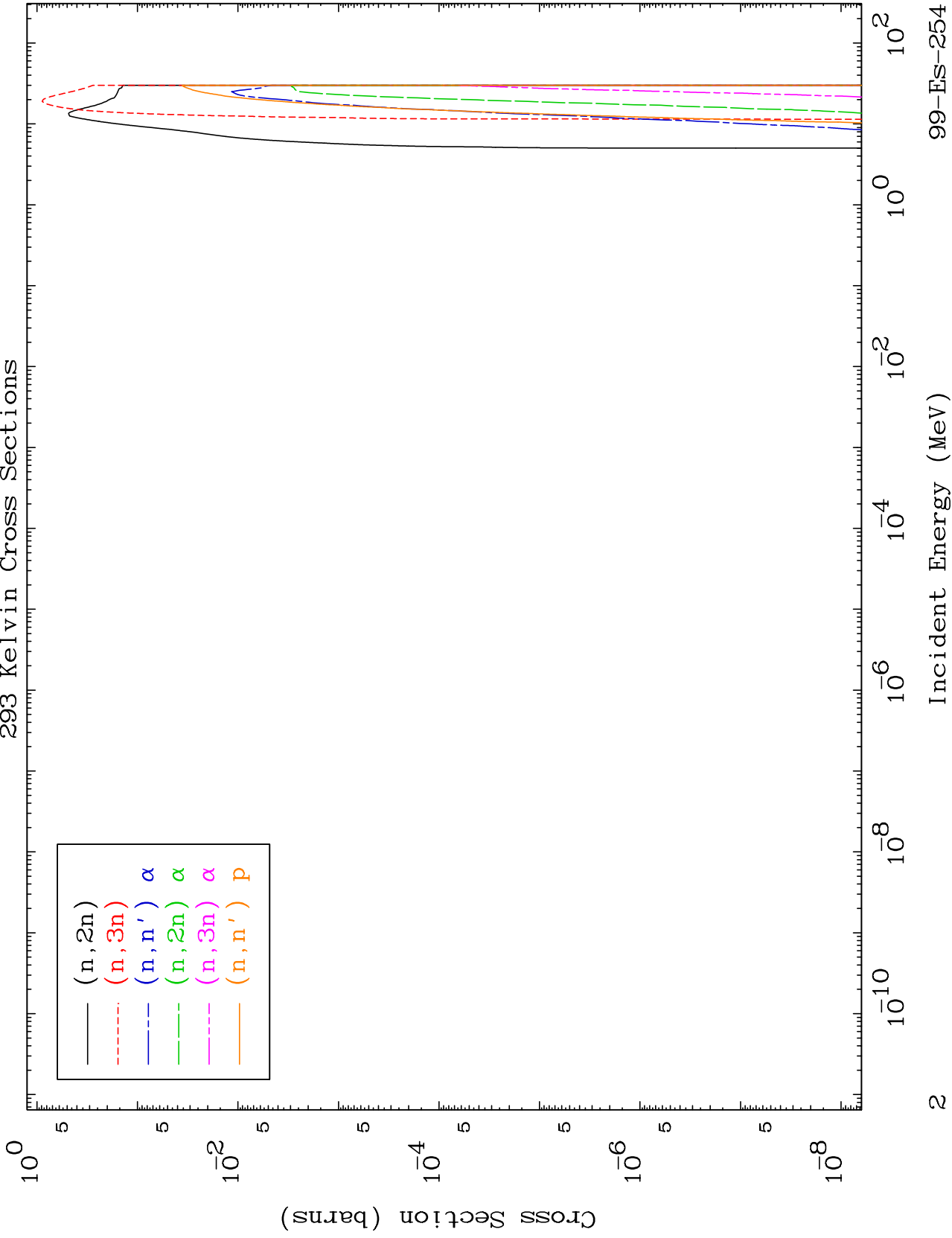
99-Es-254

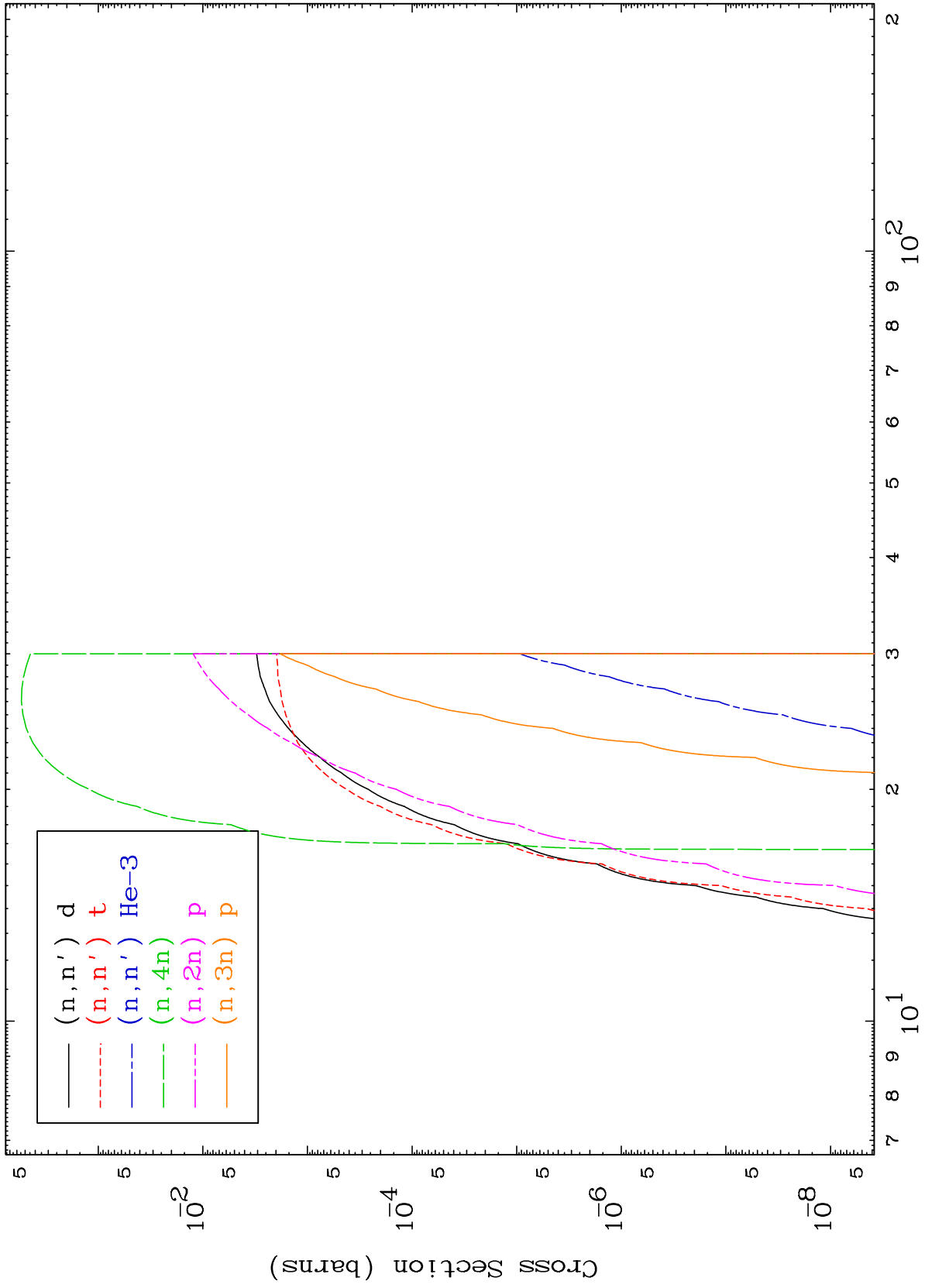


MAT 9919

Neutron Production
293 Kelvin Cross Sections

99-Es-254

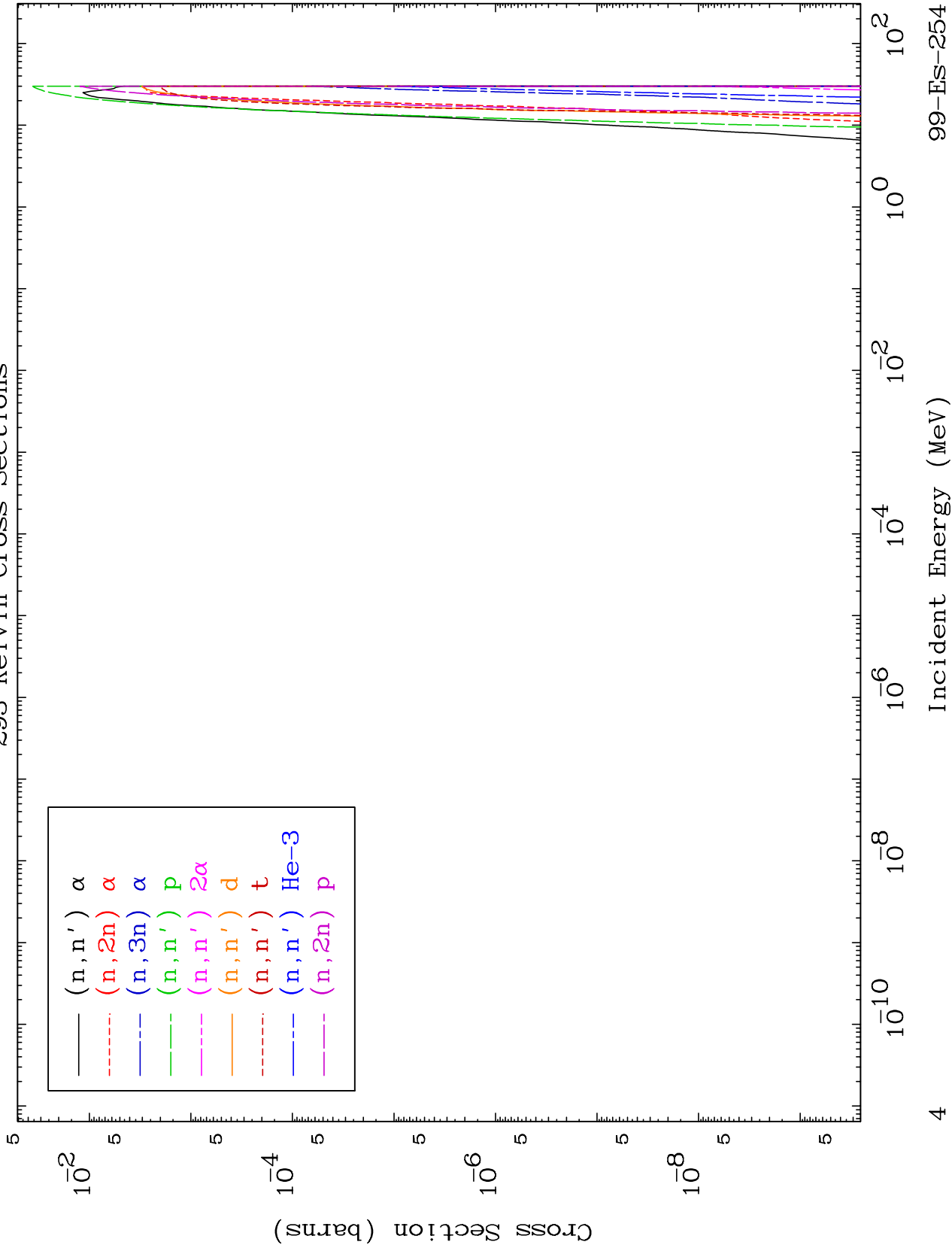




MAT 9919

Charged Particle
293 Kelvin Cross Sections

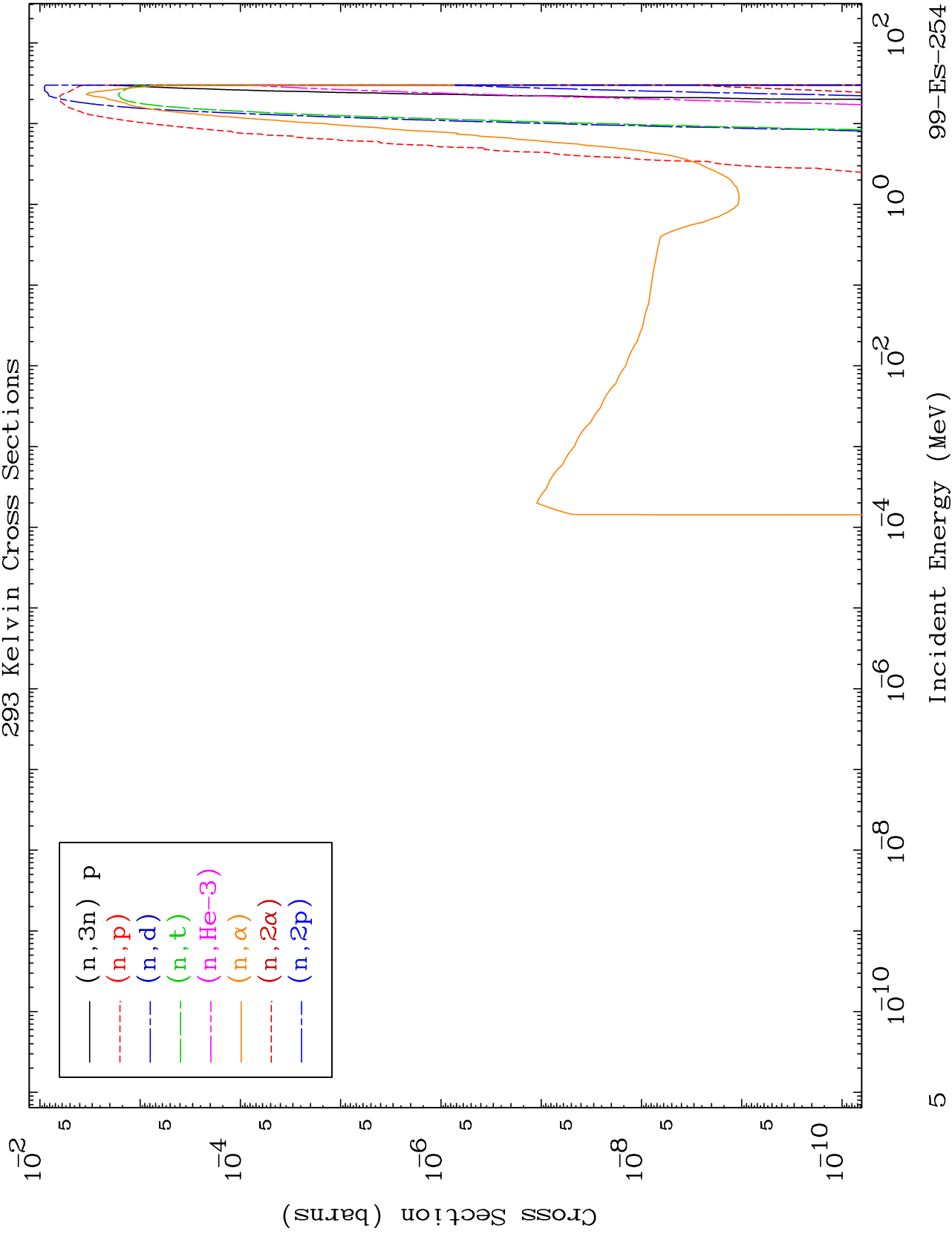
99-Es-254



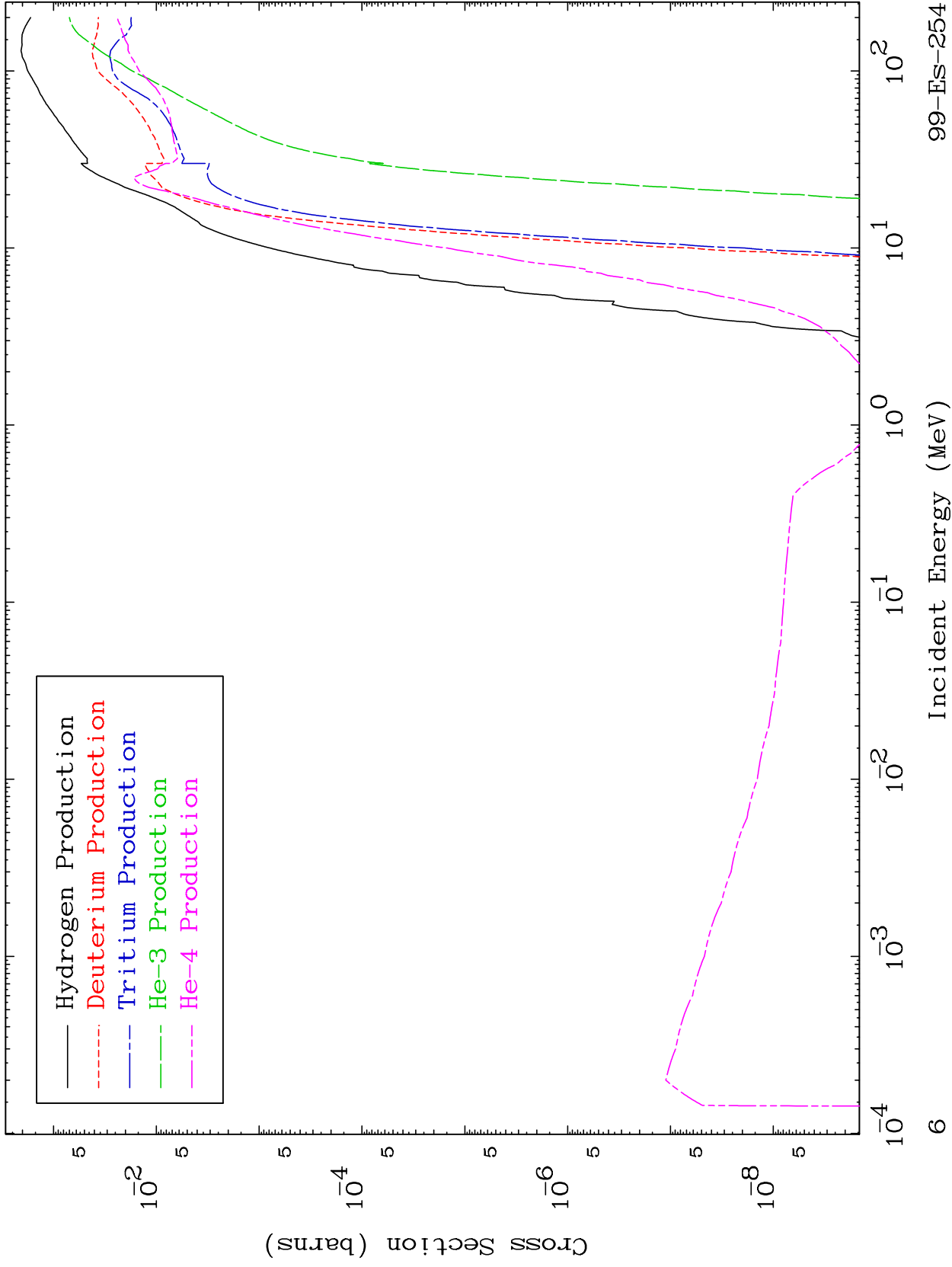
MAT 9919

Charged Particle
293 Kelvin Cross Sections

99-Es-254



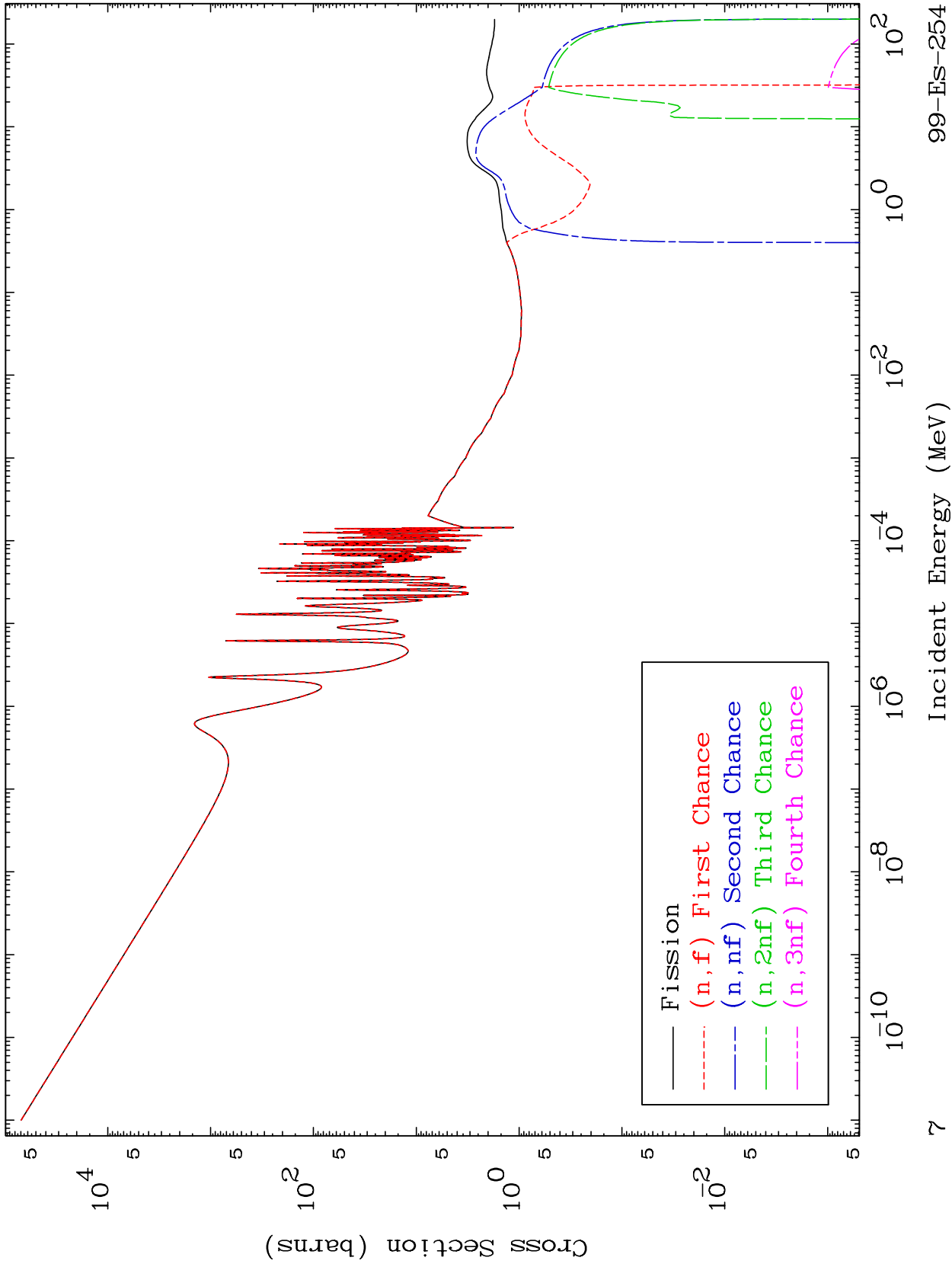
5



MAT 9919

Fission
293 Kelvin Cross Sections

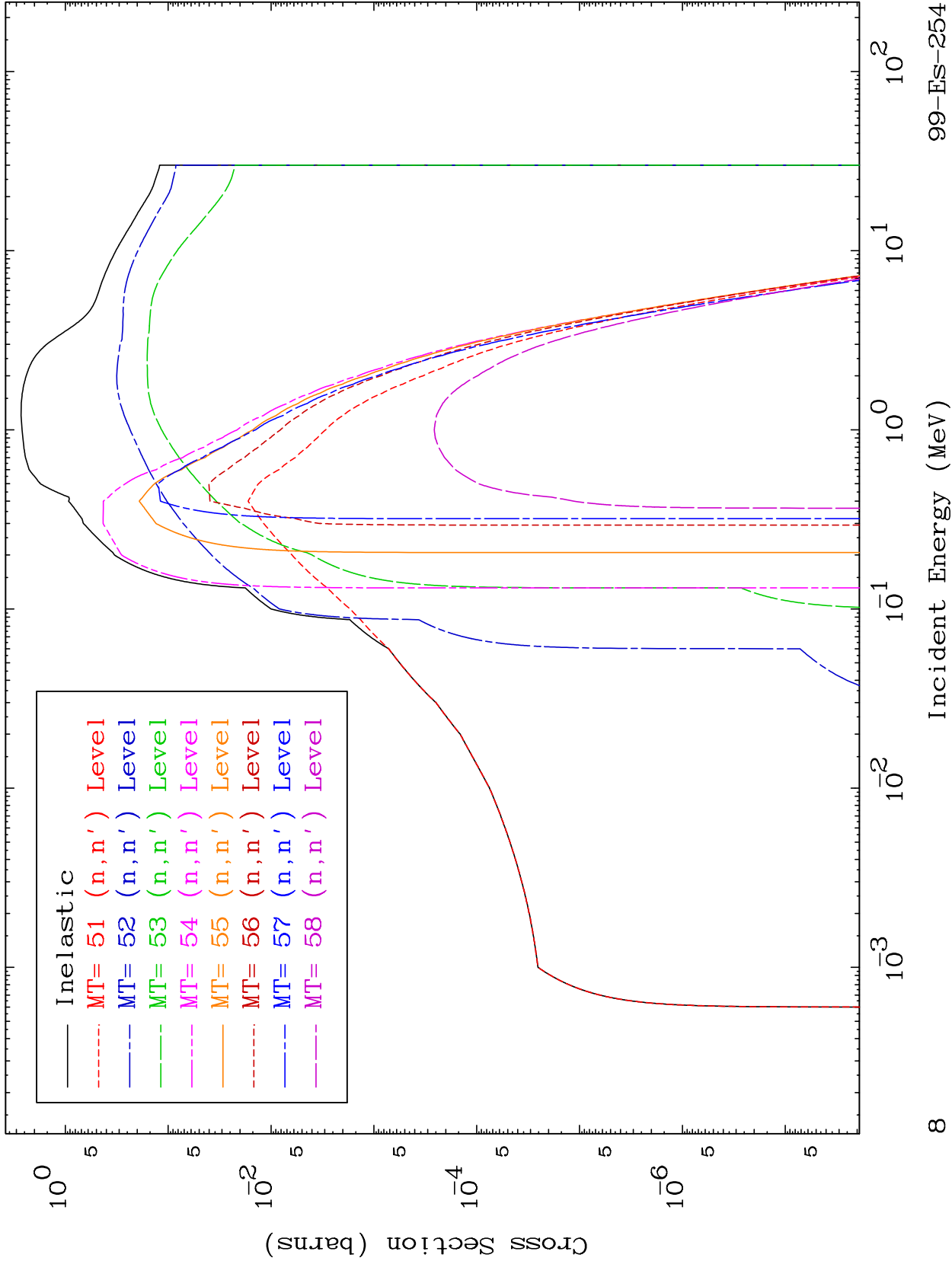
99-Es-254



MAT 9919

293 (n,n') Level

99-Es-254

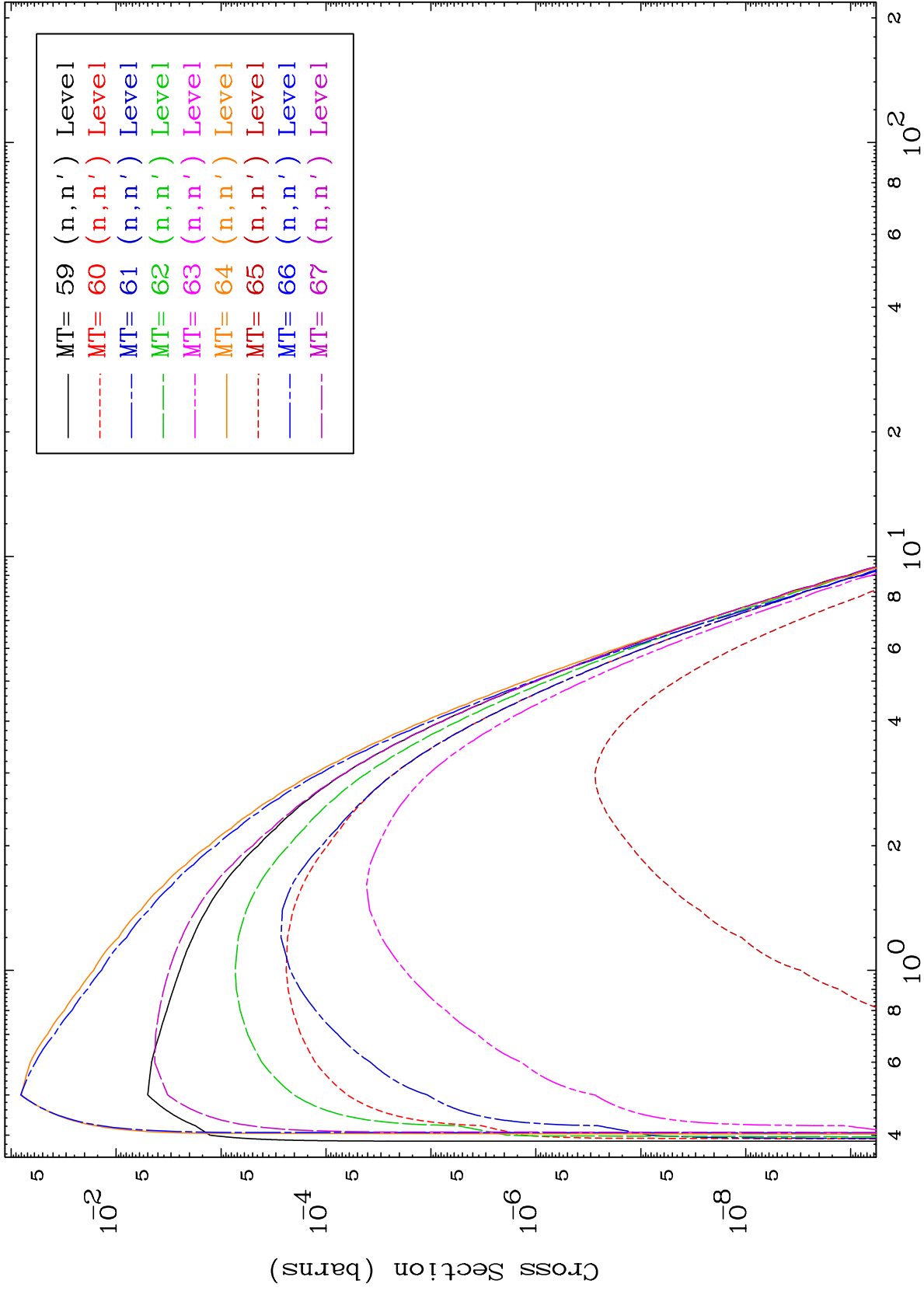


MAT 9919

(n,n') Level

99-Es-254

293 Kelvin Cross Sections



9

Incident Energy (MeV)

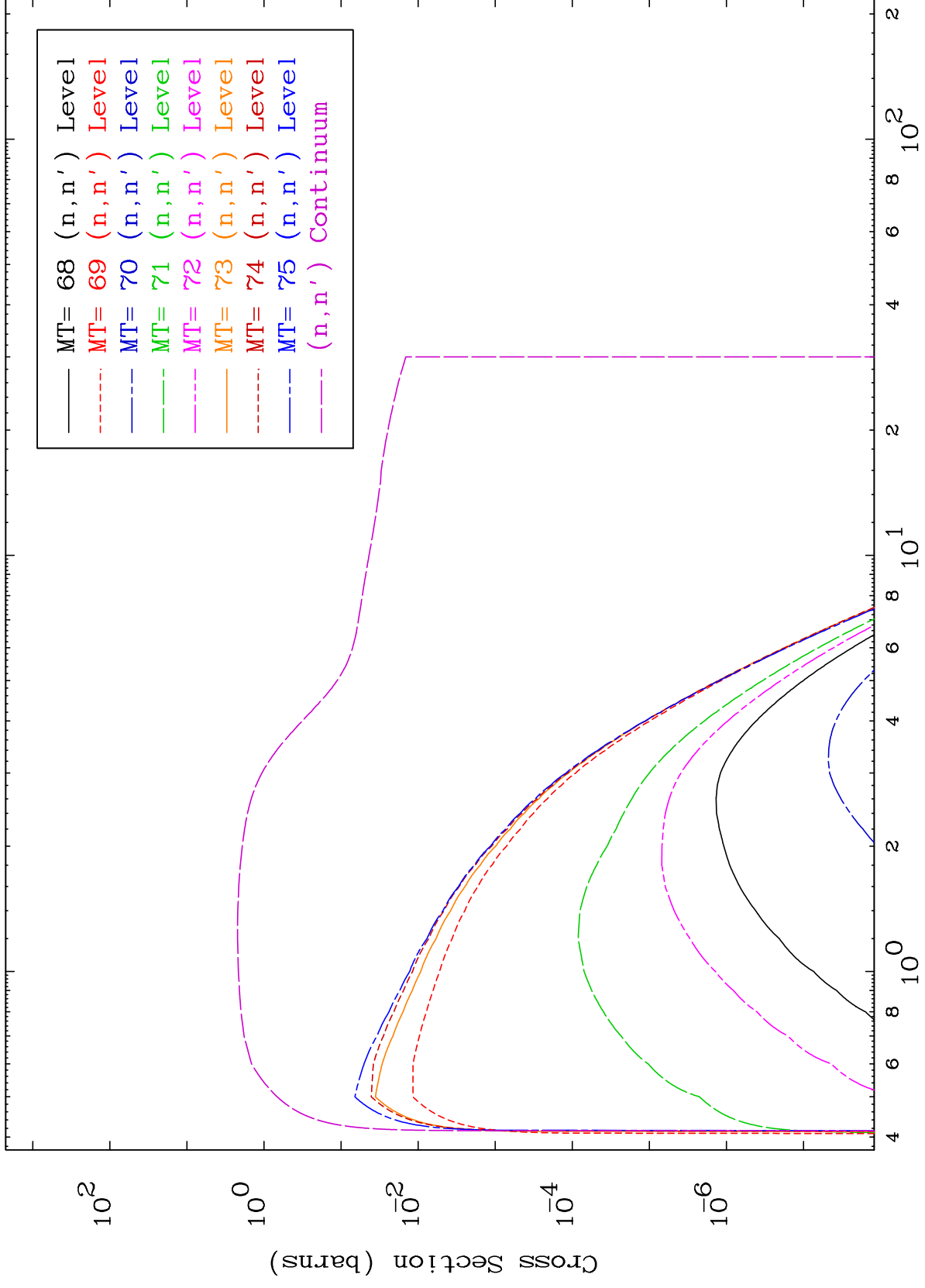
99-Es-254

MAT 9919

(n,n') Level

99-Es-254

293 Kelvin Cross Sections



10

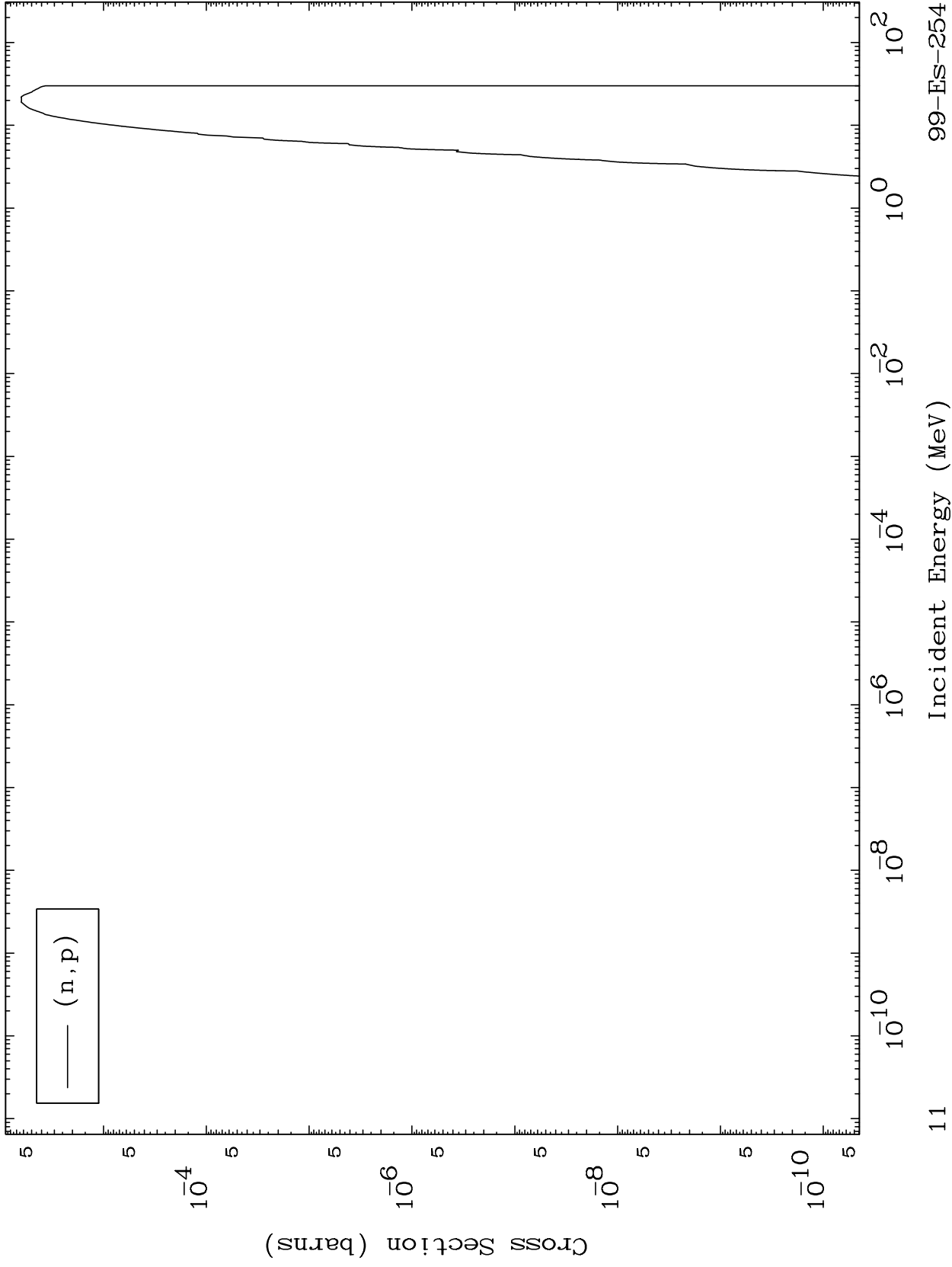
Incident Energy (MeV)

99-Es-254

MAT 9919

(n,p) Levels
293 Kelvin Cross Sections

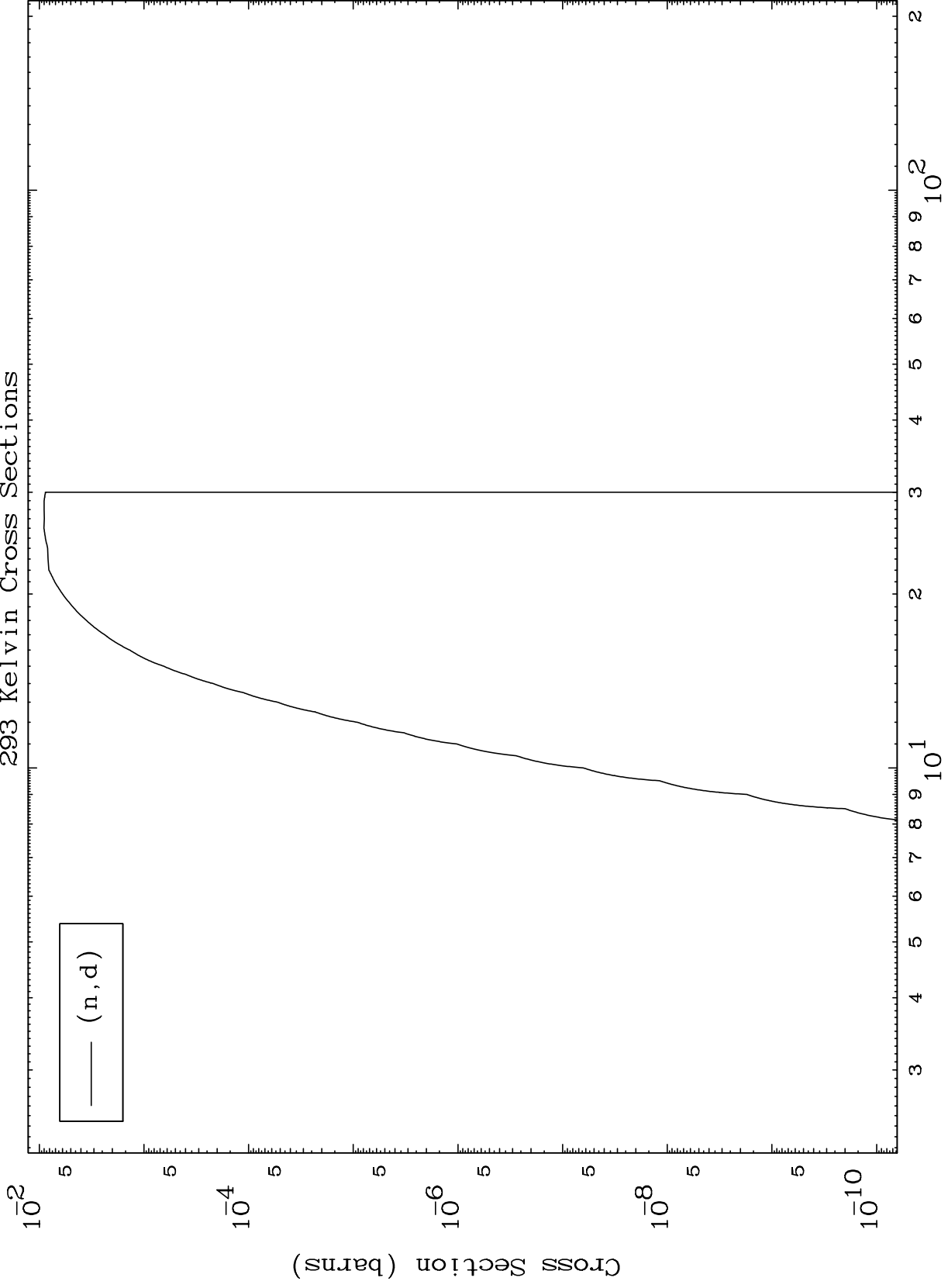
99-Es-254



MAT 9919

(n,d) Levels
293 Kelvin Cross Sections

99-Es-254



12

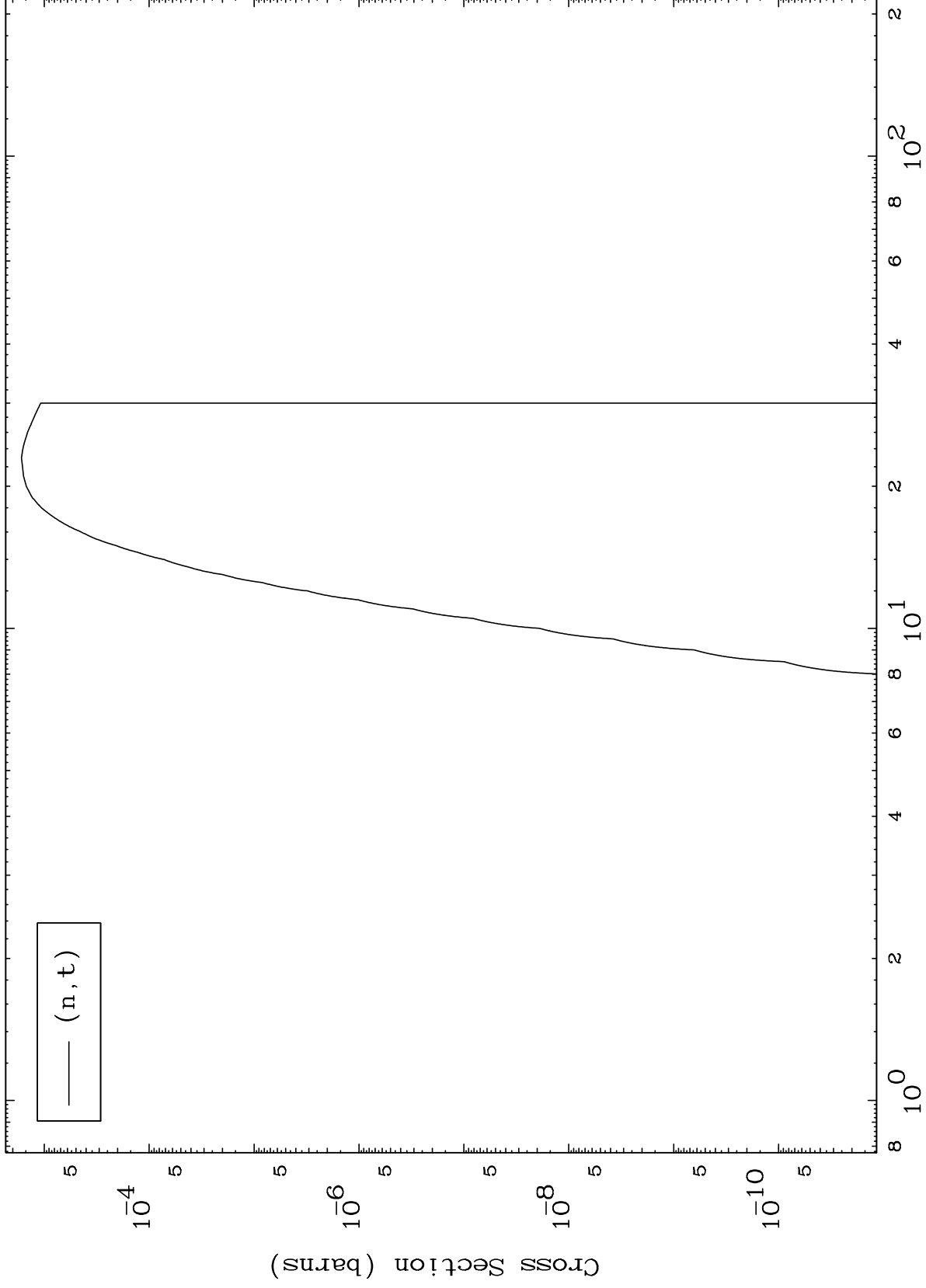
Incident Energy (MeV)

99-Es-254

MAT 9919

(n,t) Levels
293 Kelvin Cross Sections

99-Es-254



(n,t)

13

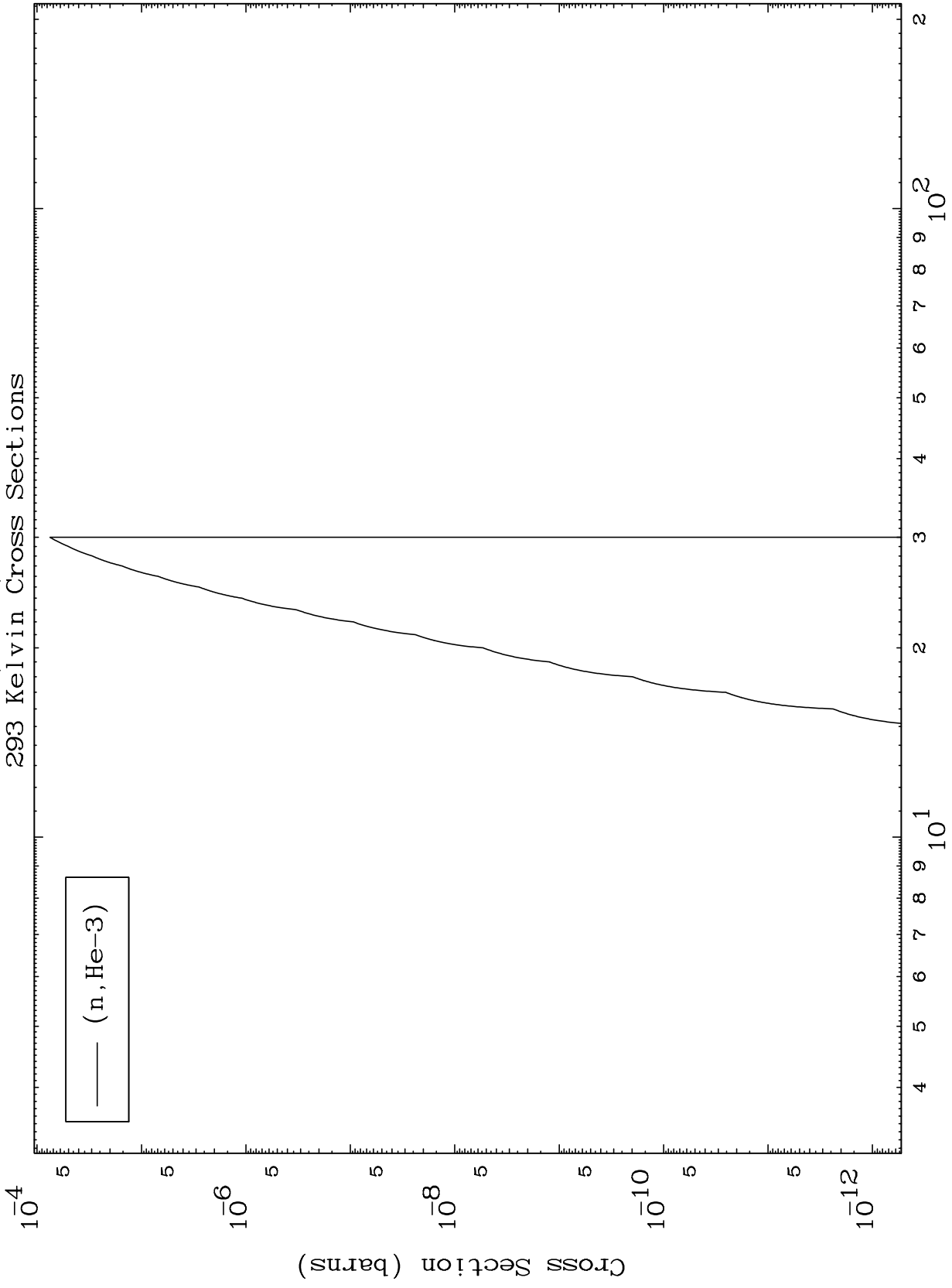
Incident Energy (MeV)

99-Es-254

MAT 9919

(n,He3) Levels
293 Kelvin Cross Sections

99-Es-254



14

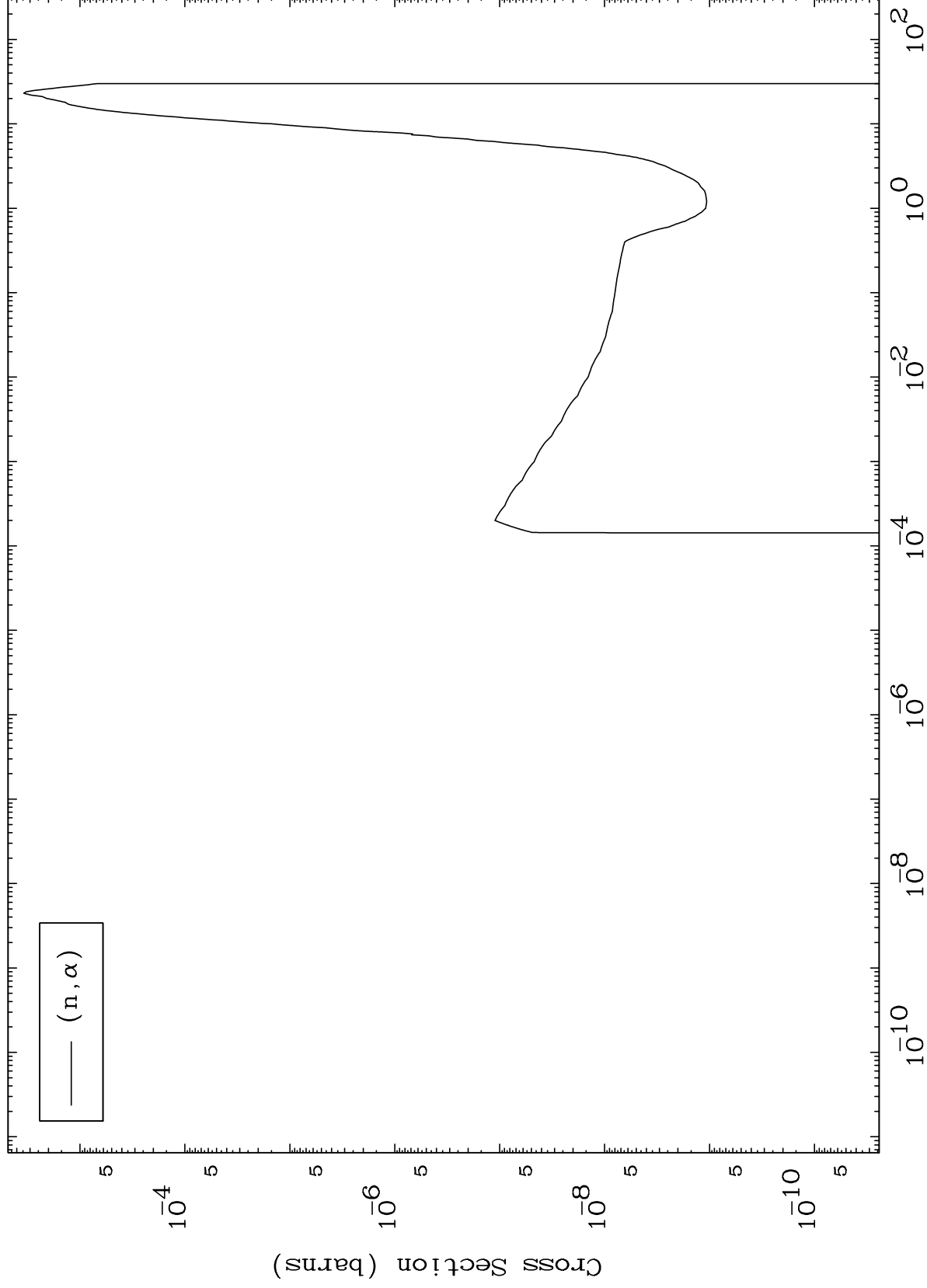
Incident Energy (MeV)

99-Es-254

MAT 9919

(n, α) Levels
293 Kelvin Cross Sections

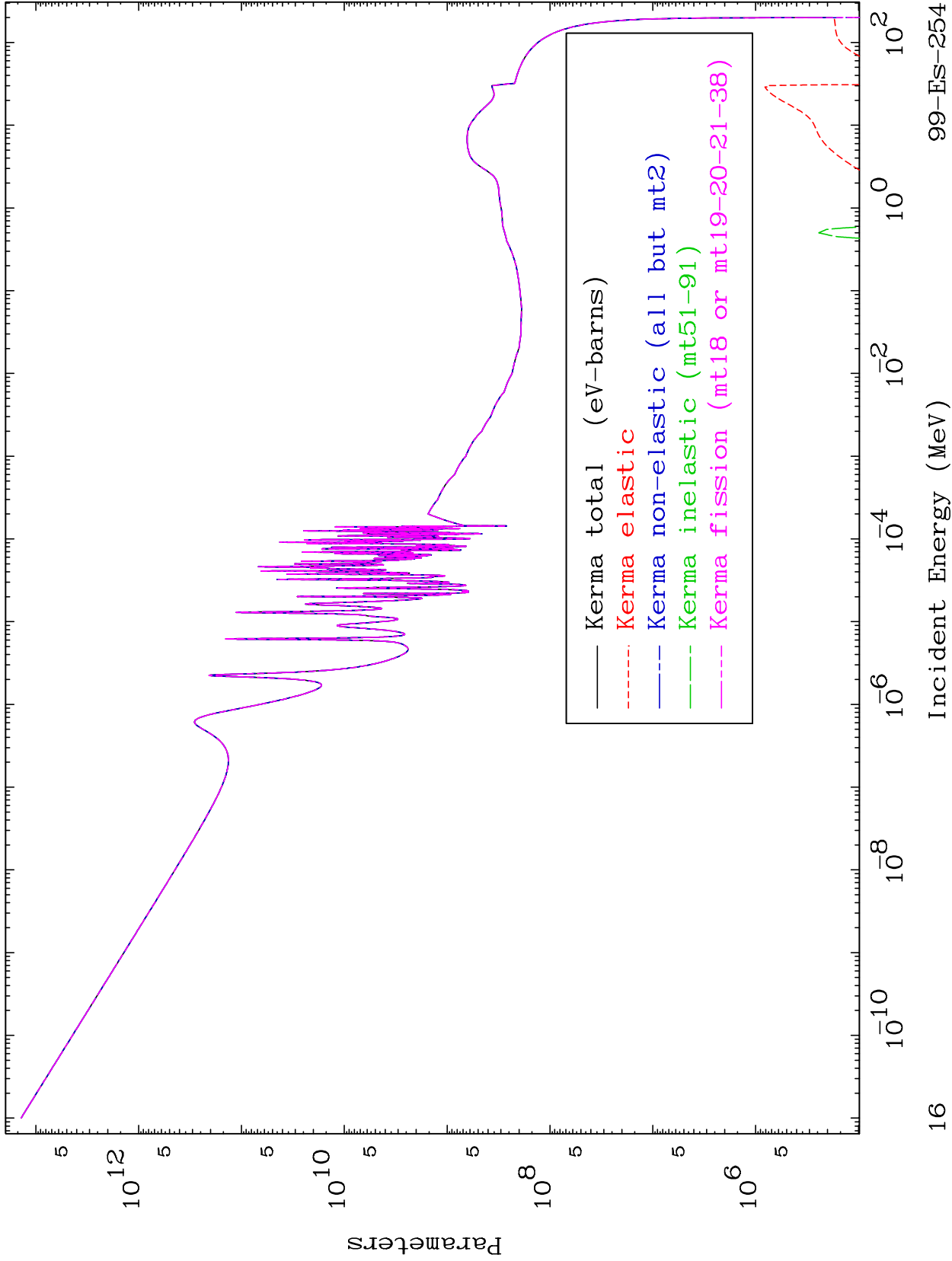
99-Es-254

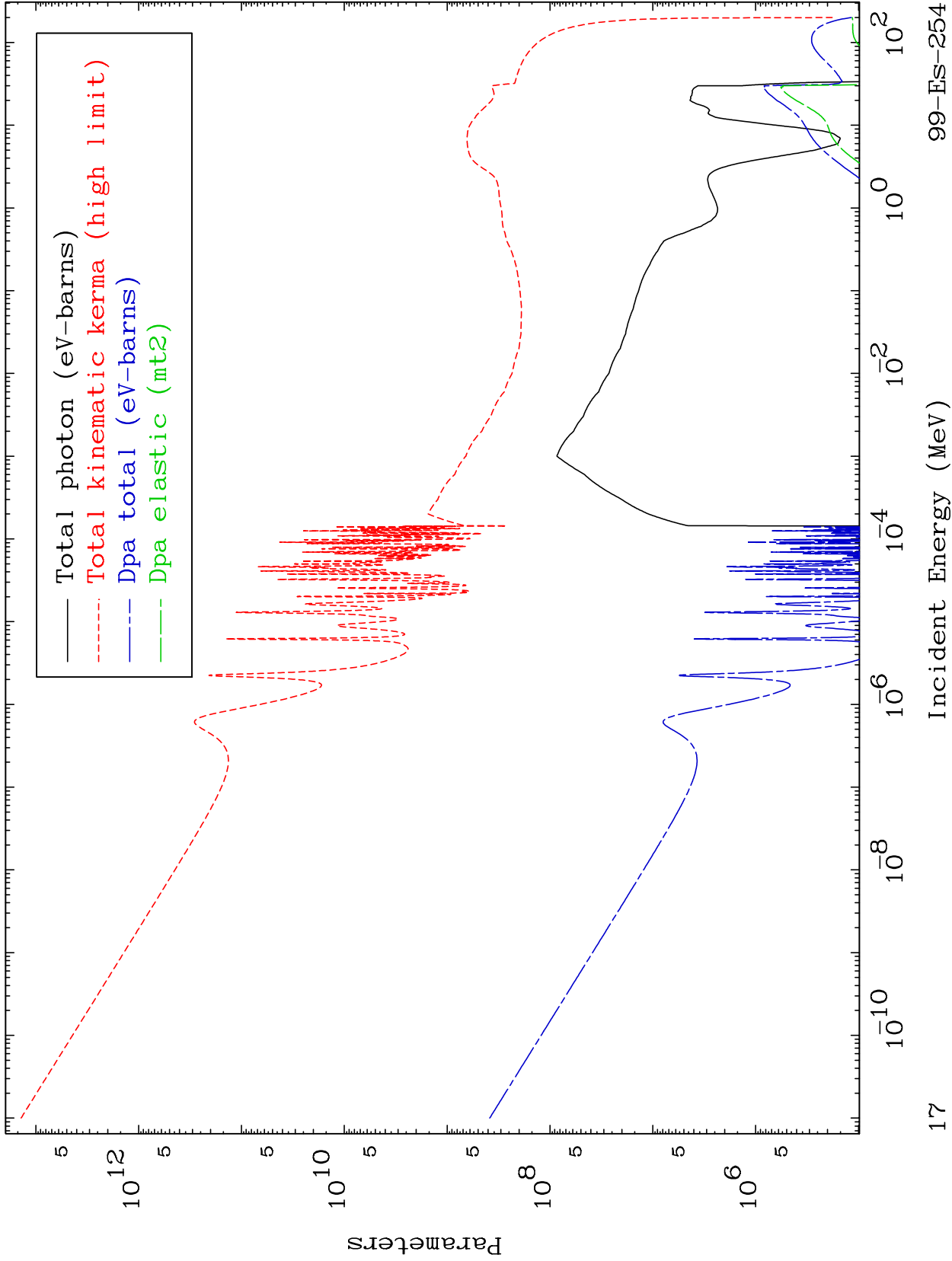


15

Incident Energy (MeV)

99-Es-254





MAT 9919

Elastic Legendre Coefficients

99-Es-254



18

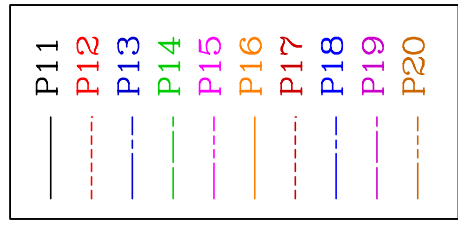
Incident Energy (MeV)

99-Es-254

MAT 9919

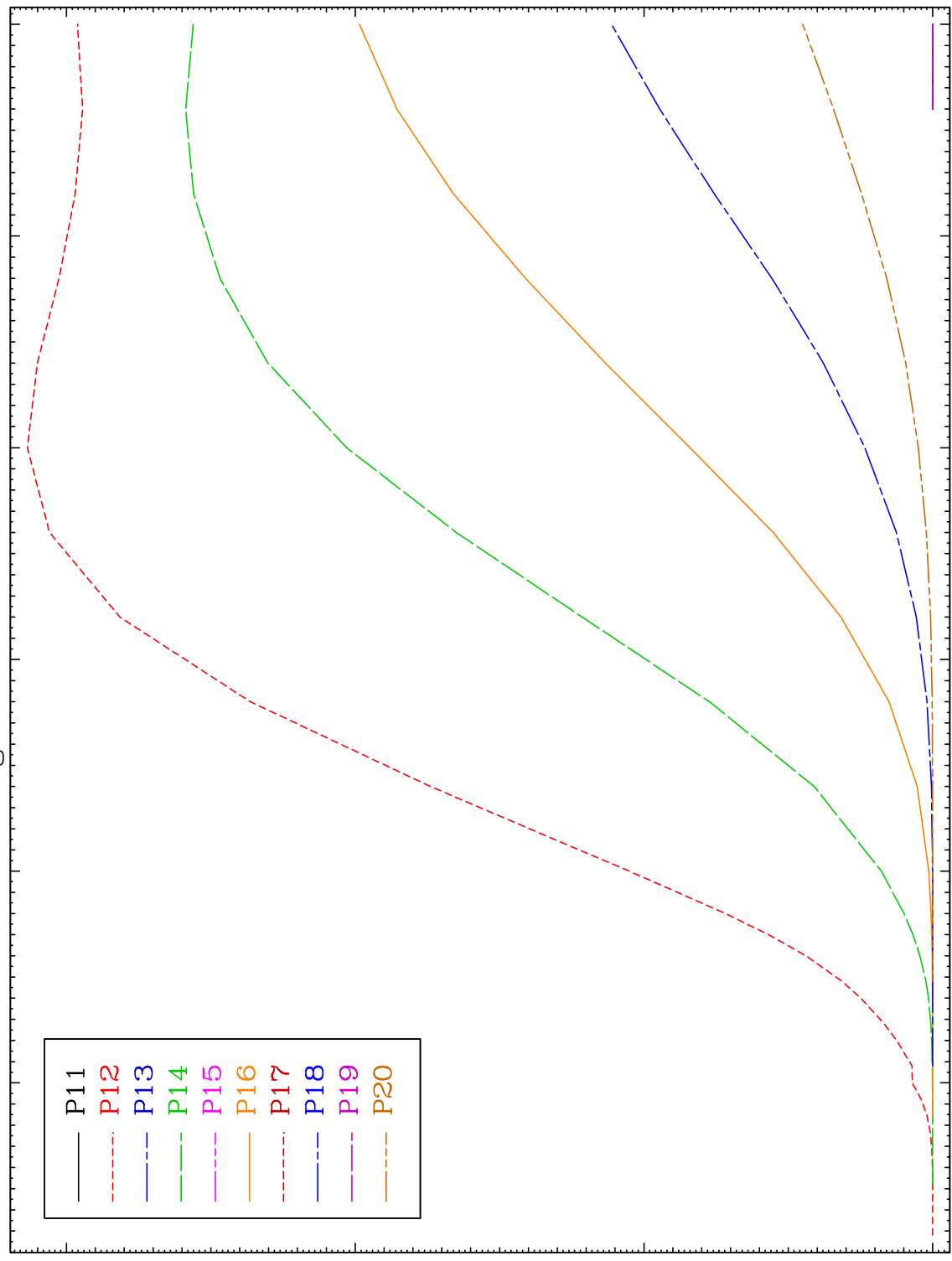
Elastic Legendre Coefficients

99-Es-254



$\times 10^{-46}$

Legendre (CM)



19

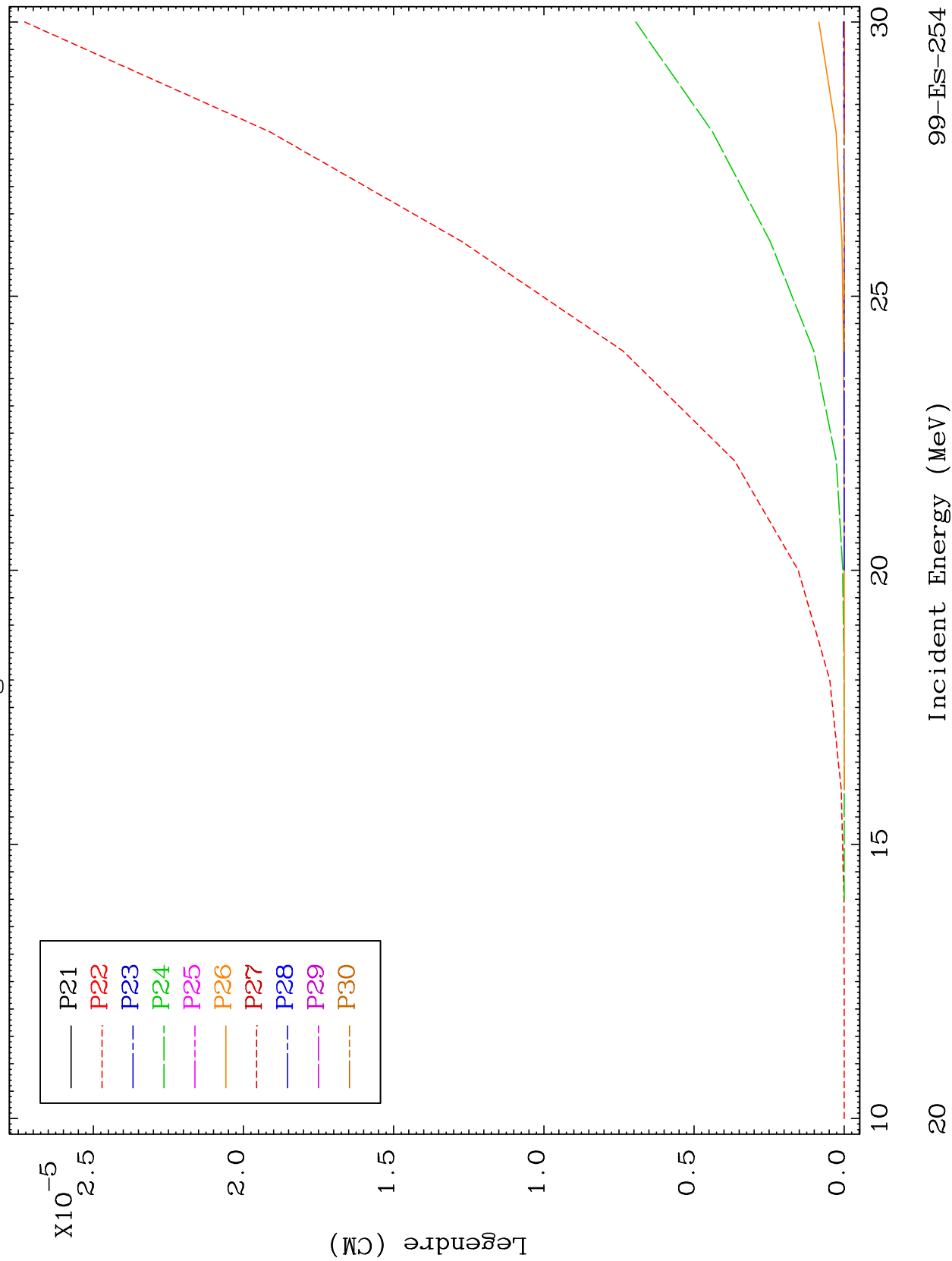
Incident Energy (MeV)

99-Es-254

MAT 9919

Elastic Legendre Coefficients

99-Es-254

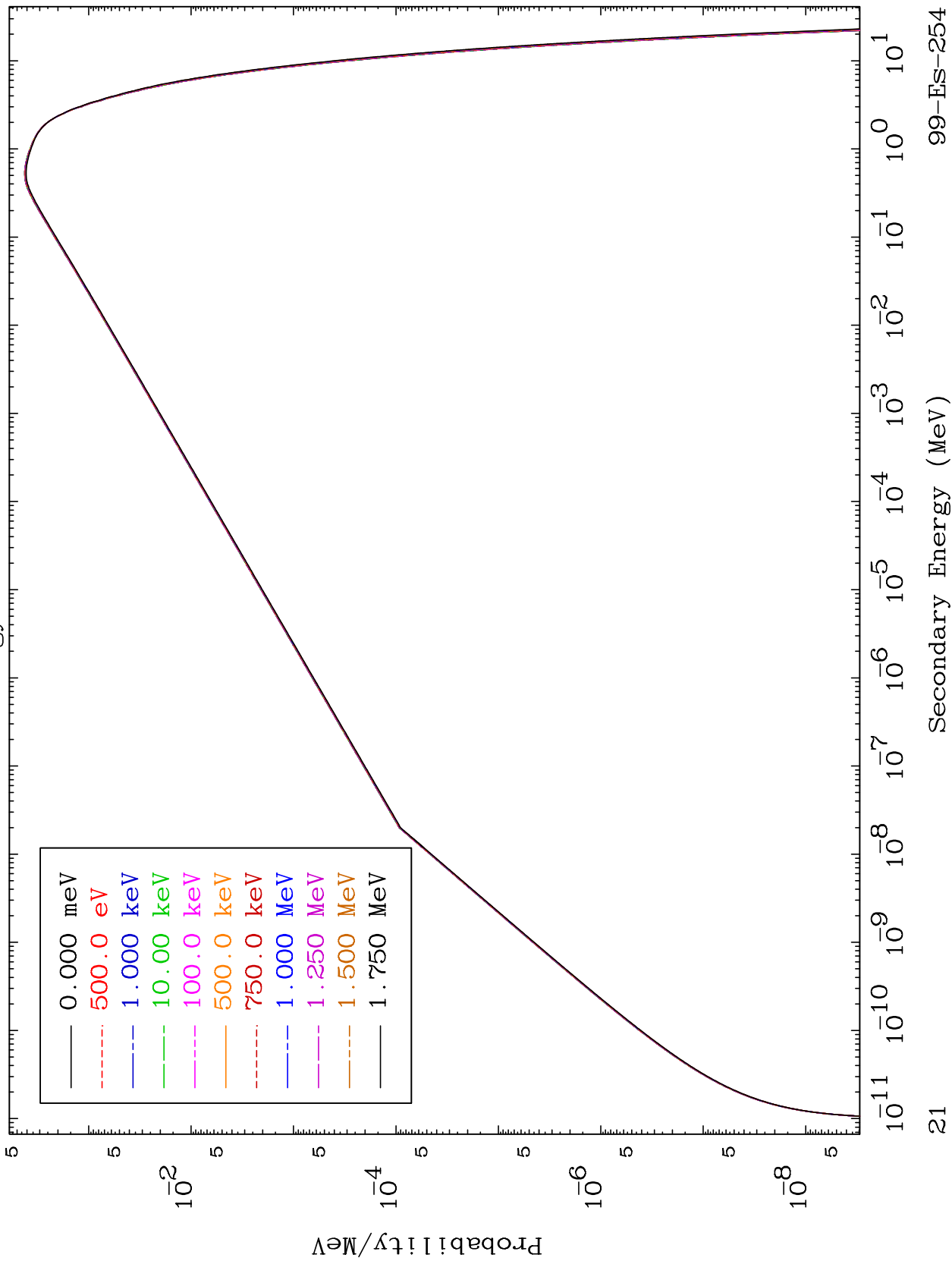


99-Es-254

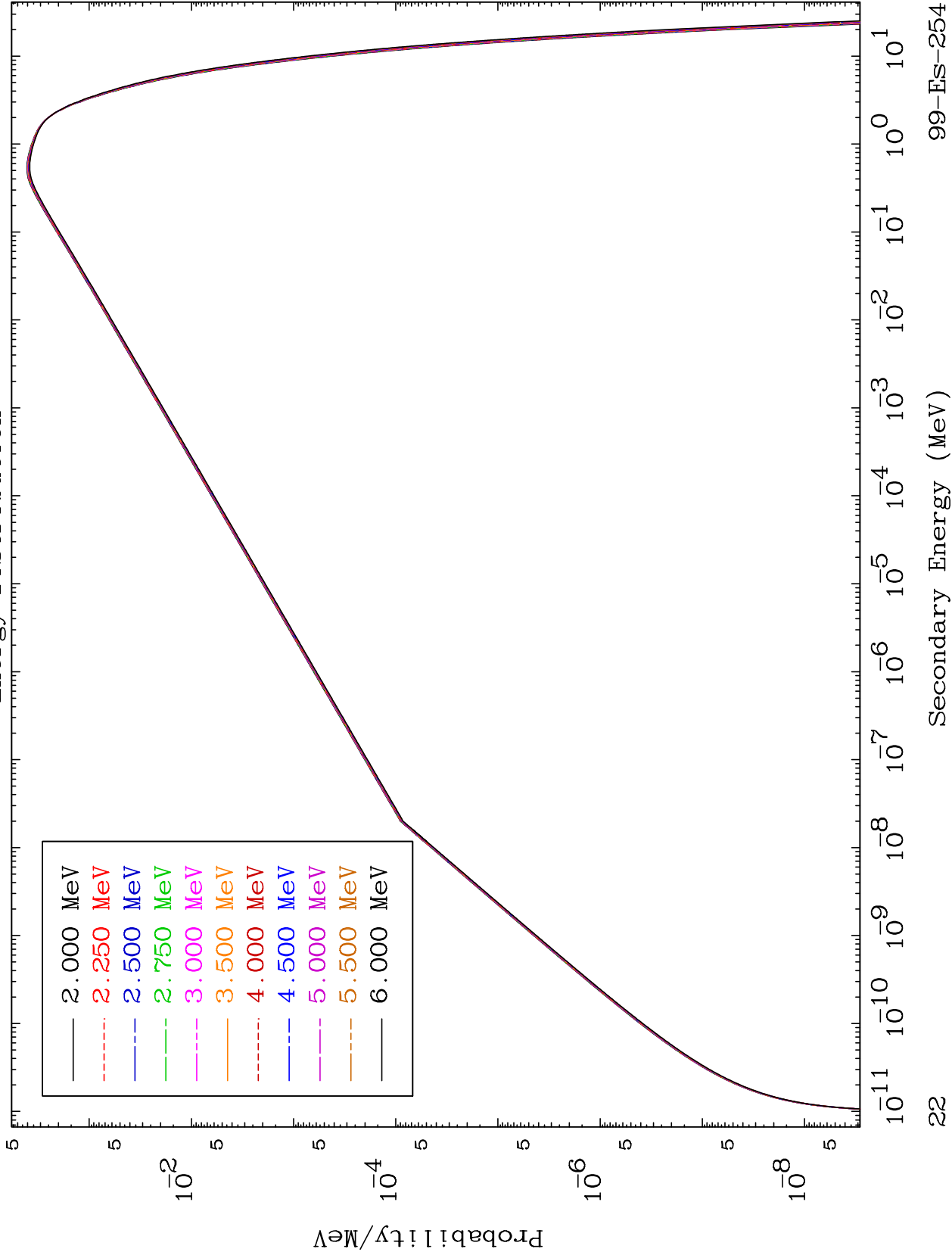
Incident Energy (MeV)

20

Fission Energy Distribution



Fission
Energy Distribution

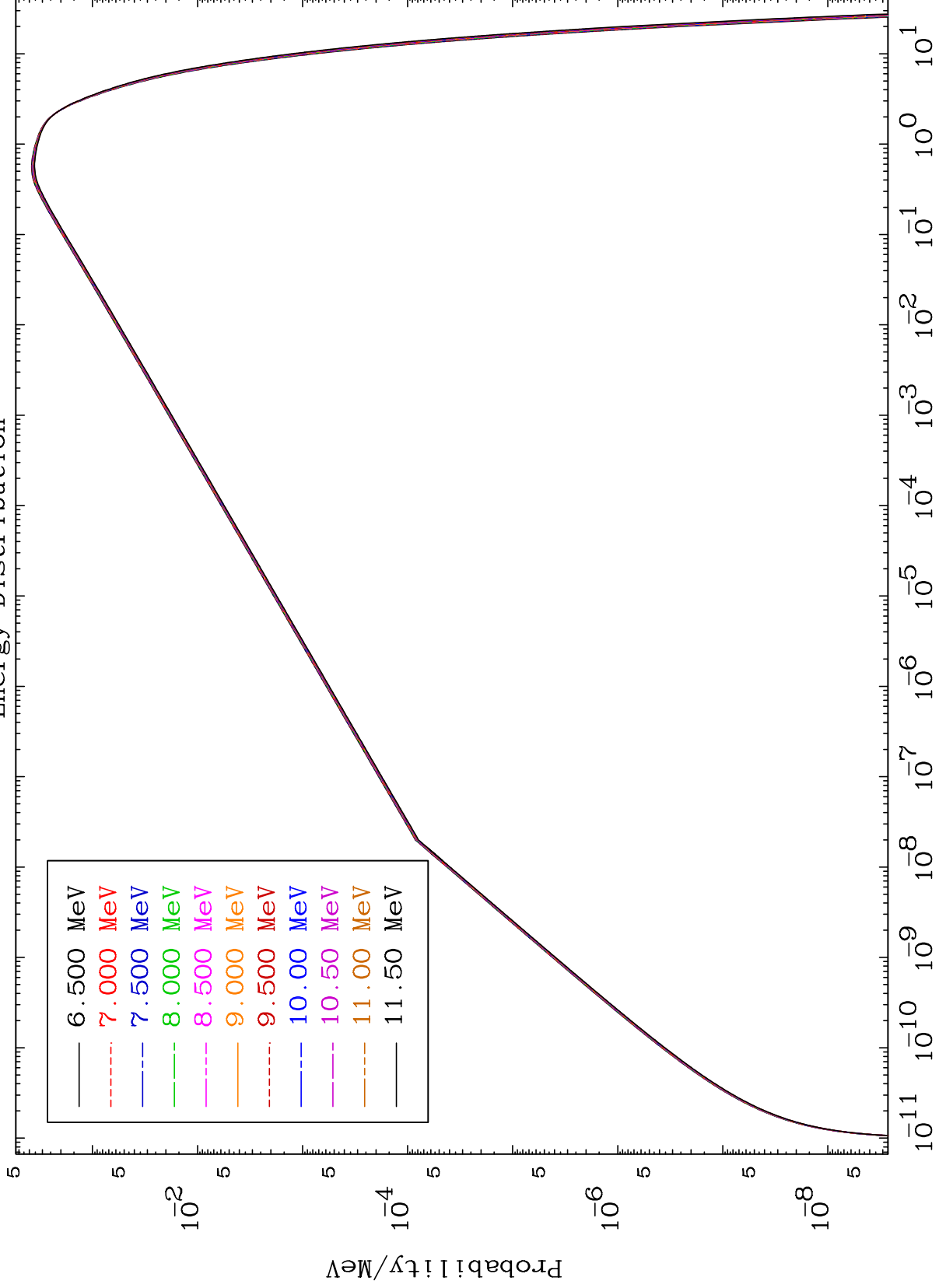


MAT 9919

Fission

99-Es-254

Energy Distribution

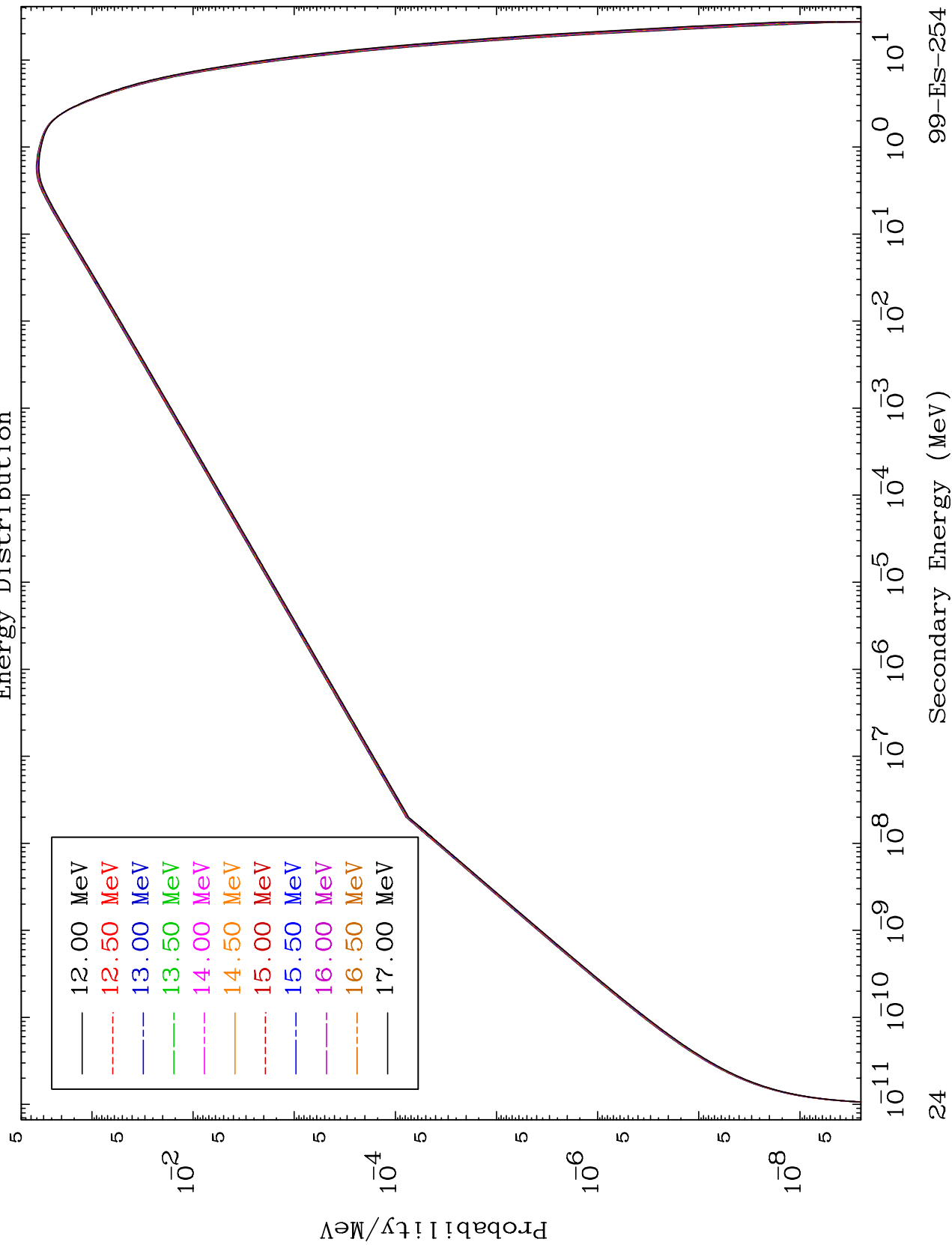


23

Secondary Energy (MeV)

99-Es-254

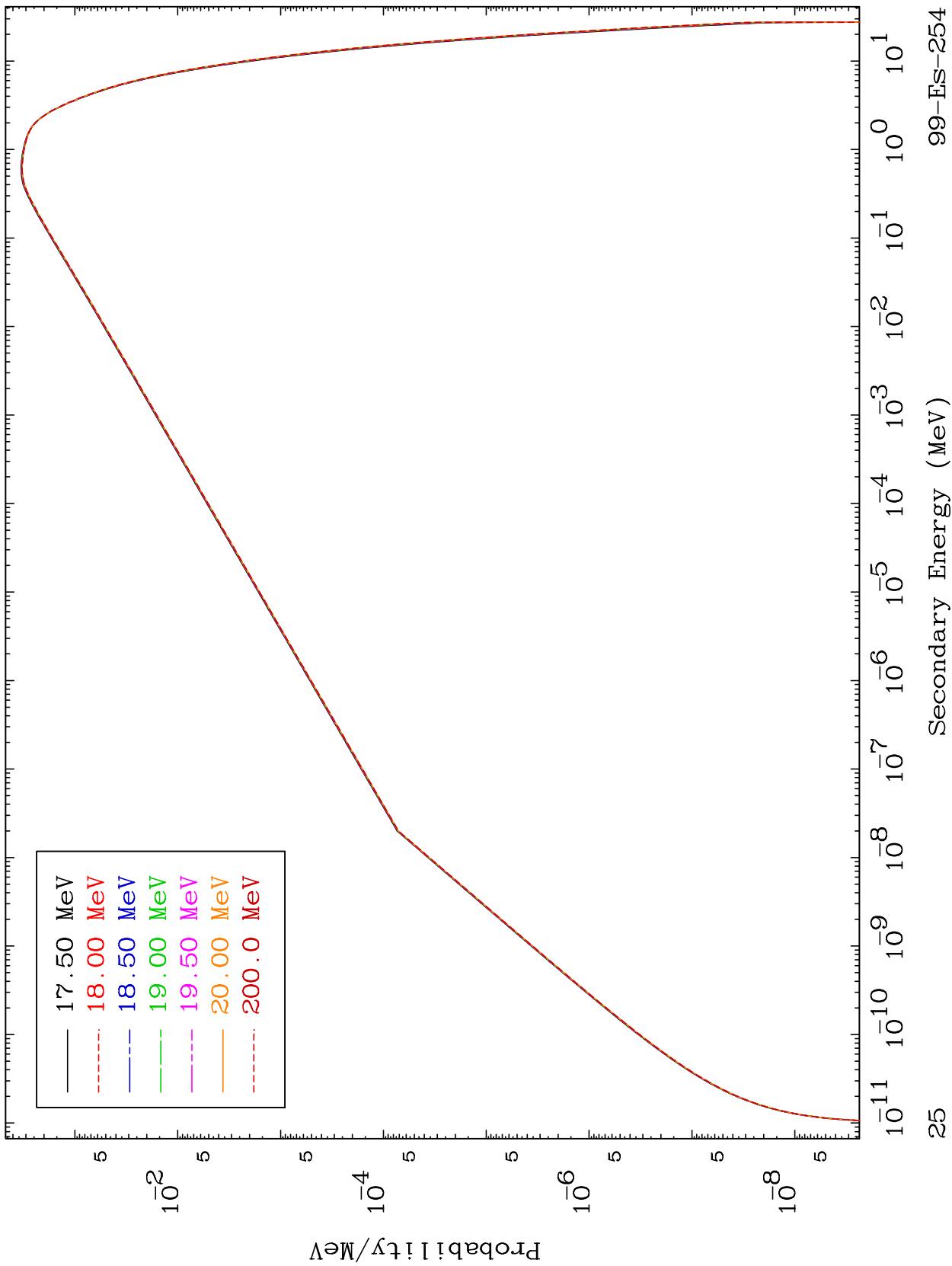
Fission Energy Distribution



MAT 9919

Fission Energy Distribution

99-Es-254



99-Es-254

Secondary Energy (MeV)

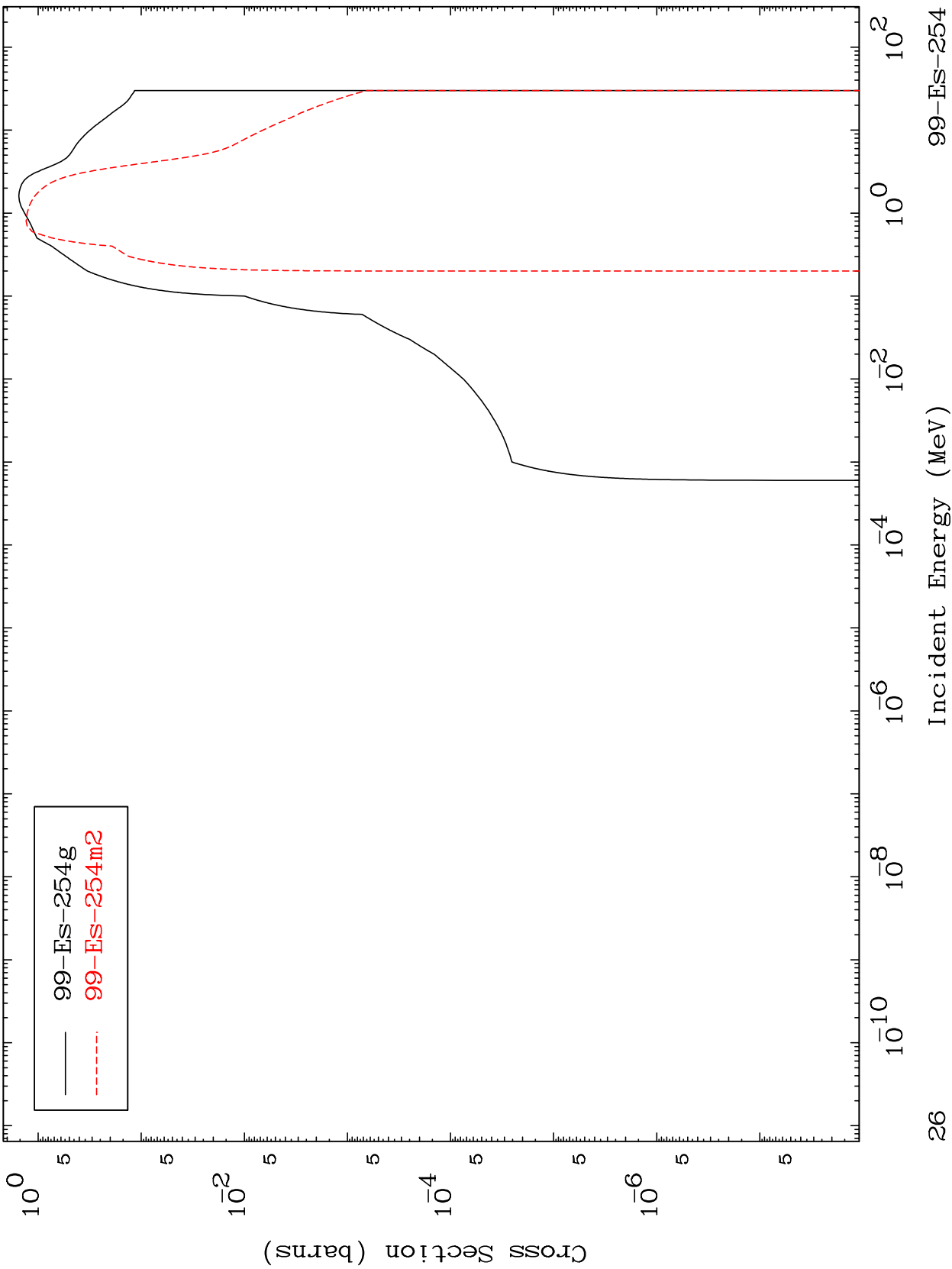
25

MAT 9919

Inelastic

99-Es-254

Radionuclide Production Cross Section

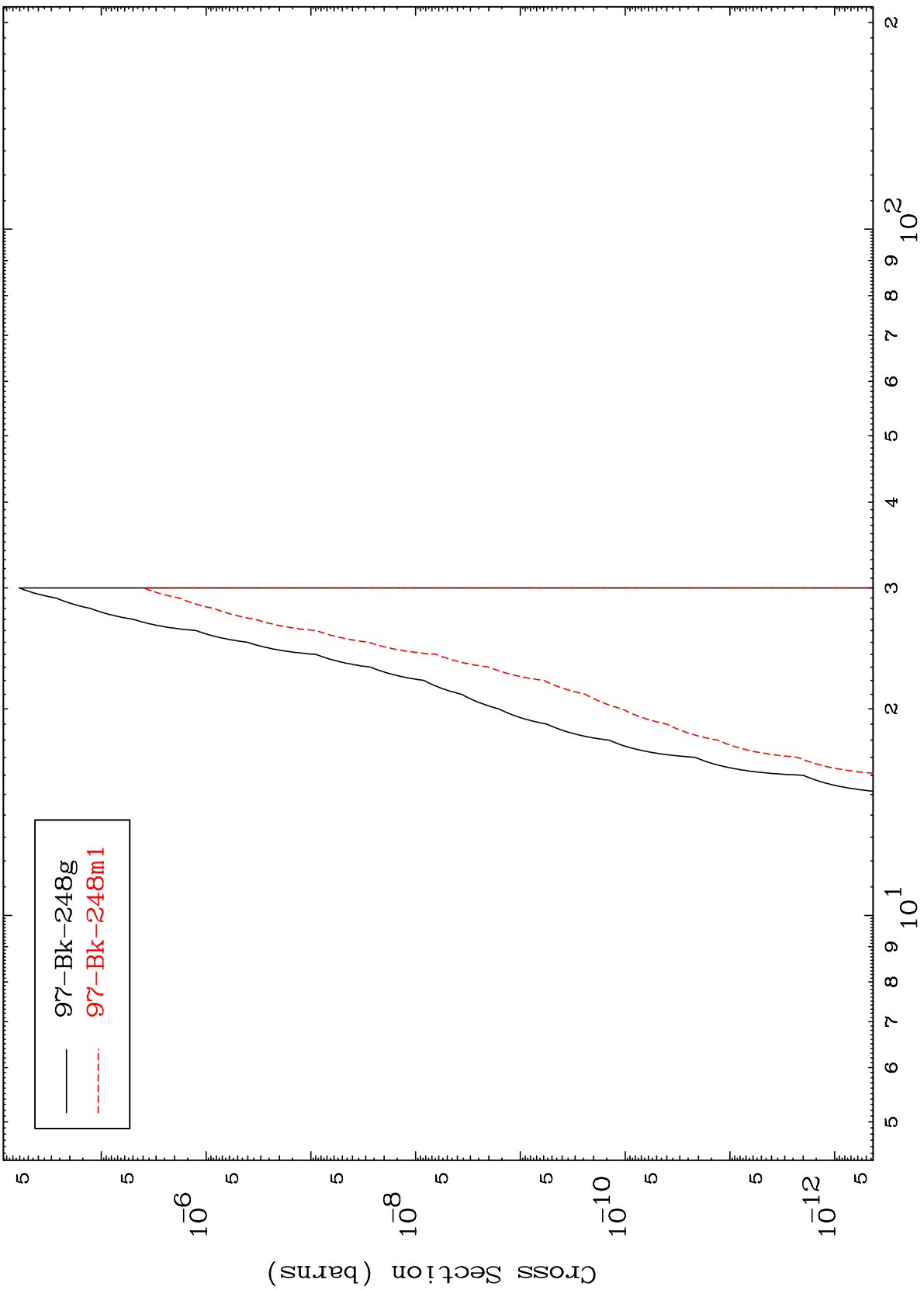


MAT 9919

(n,3n) α

99-Es-254

Radionuclide Production Cross Section



— 97-Bk-248g
- - - 97-Bk-248m1

MAT 9919

(n,n') 2α

99-Es-254

