

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

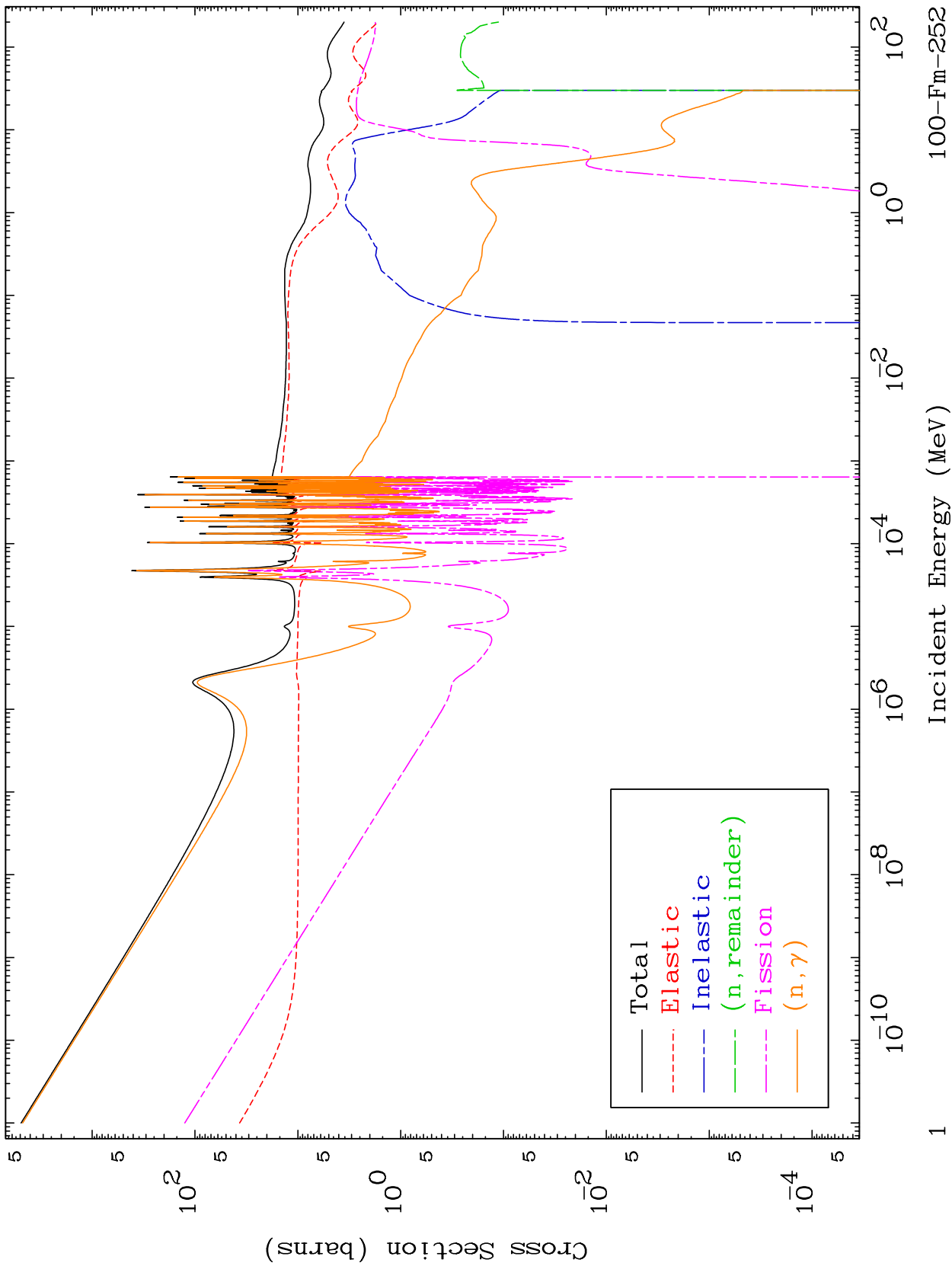
Press Mouse Button to Start

MAT 9933

Major

293 Kelvin Cross Sections

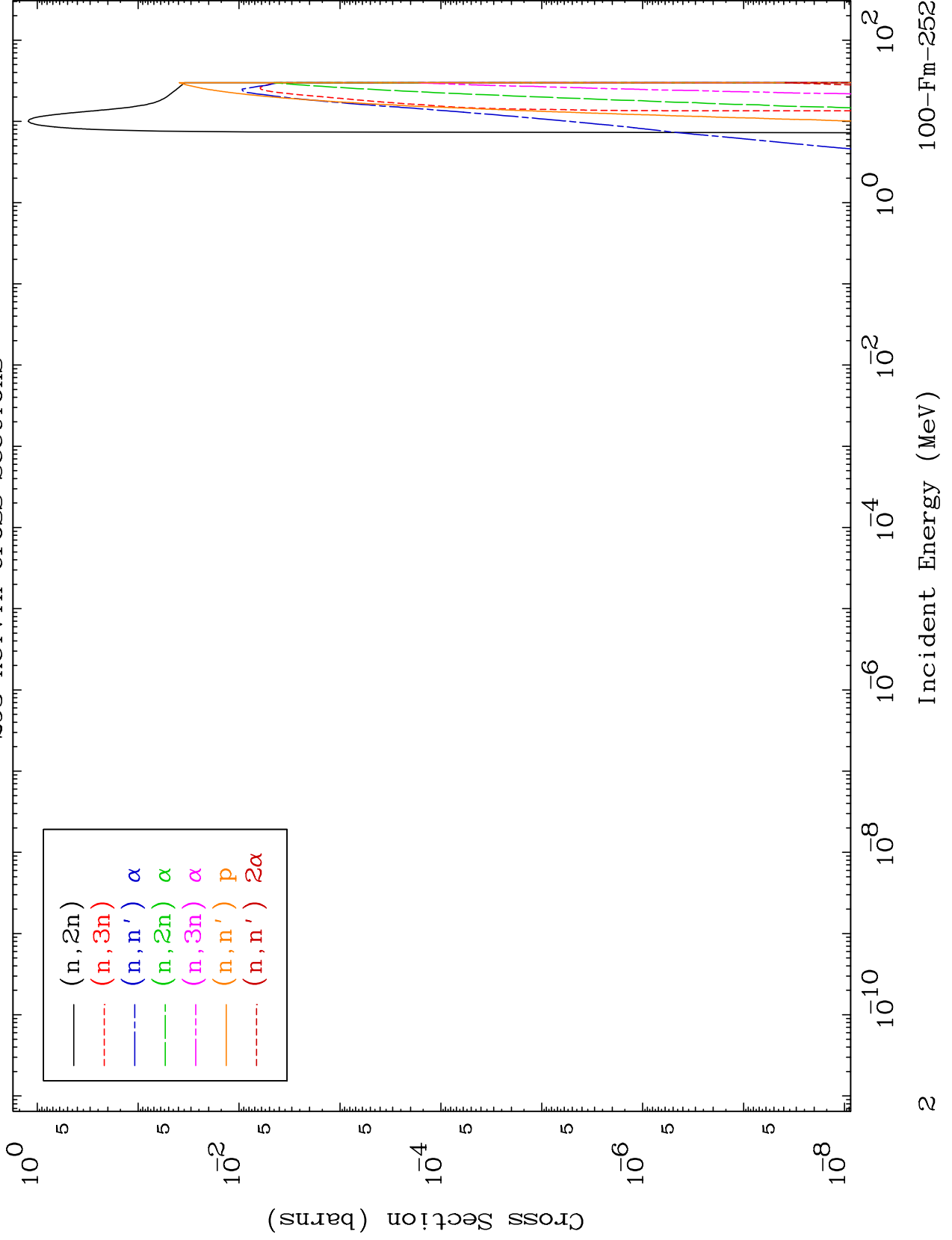
100-Fm-252



MAT 9933

Neutron Production
293 Kelvin Cross Sections

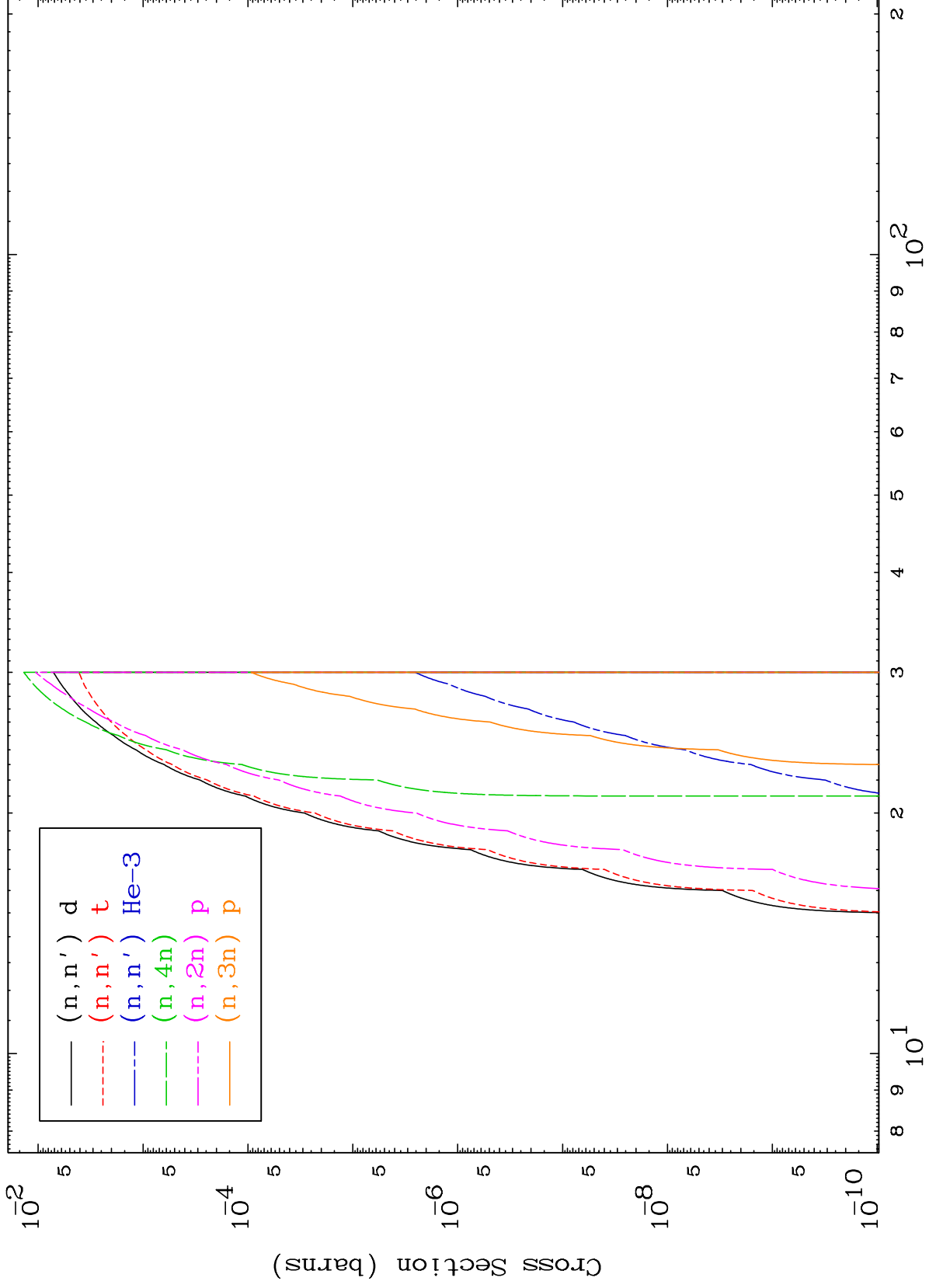
100-Fm-252



MAT 9933

Neutron Production
293 Kelvin Cross Sections

100-Fm-252



3

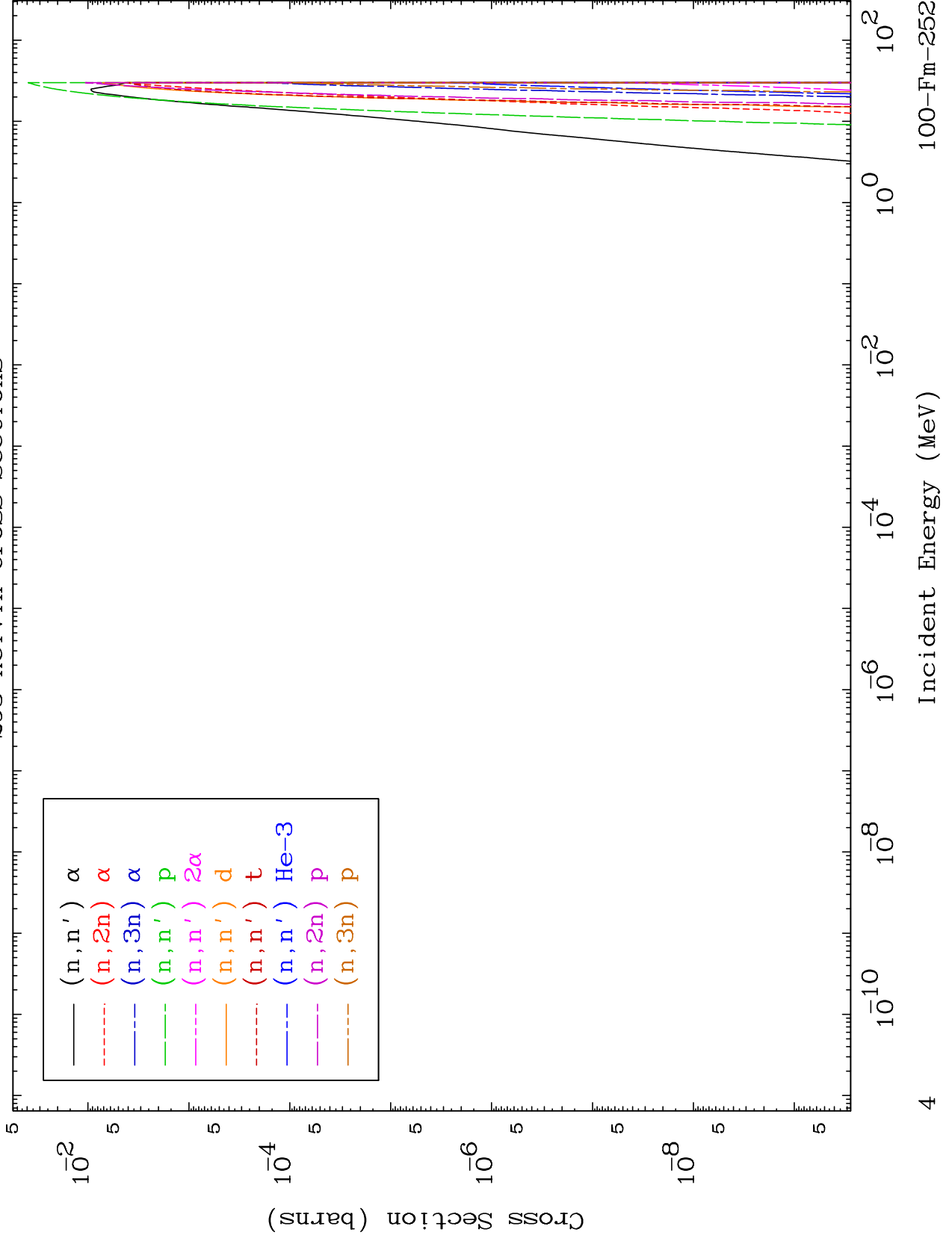
Incident Energy (MeV)

100-Fm-252

MAT 9933

Charged Particle
293 Kelvin Cross Sections

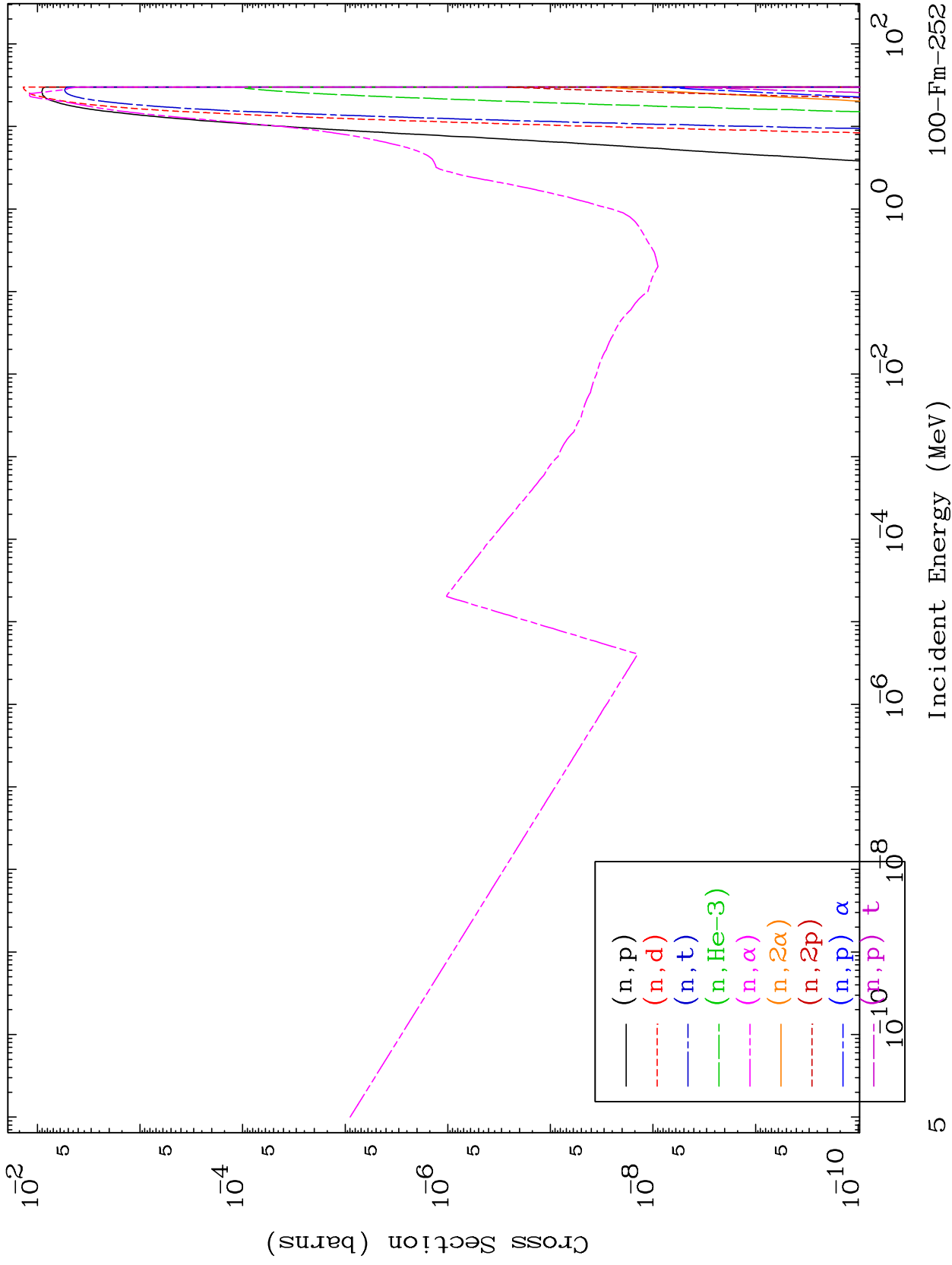
100-Fm-252



MAT 9933

Charged Particle
293 Kelvin Cross Sections

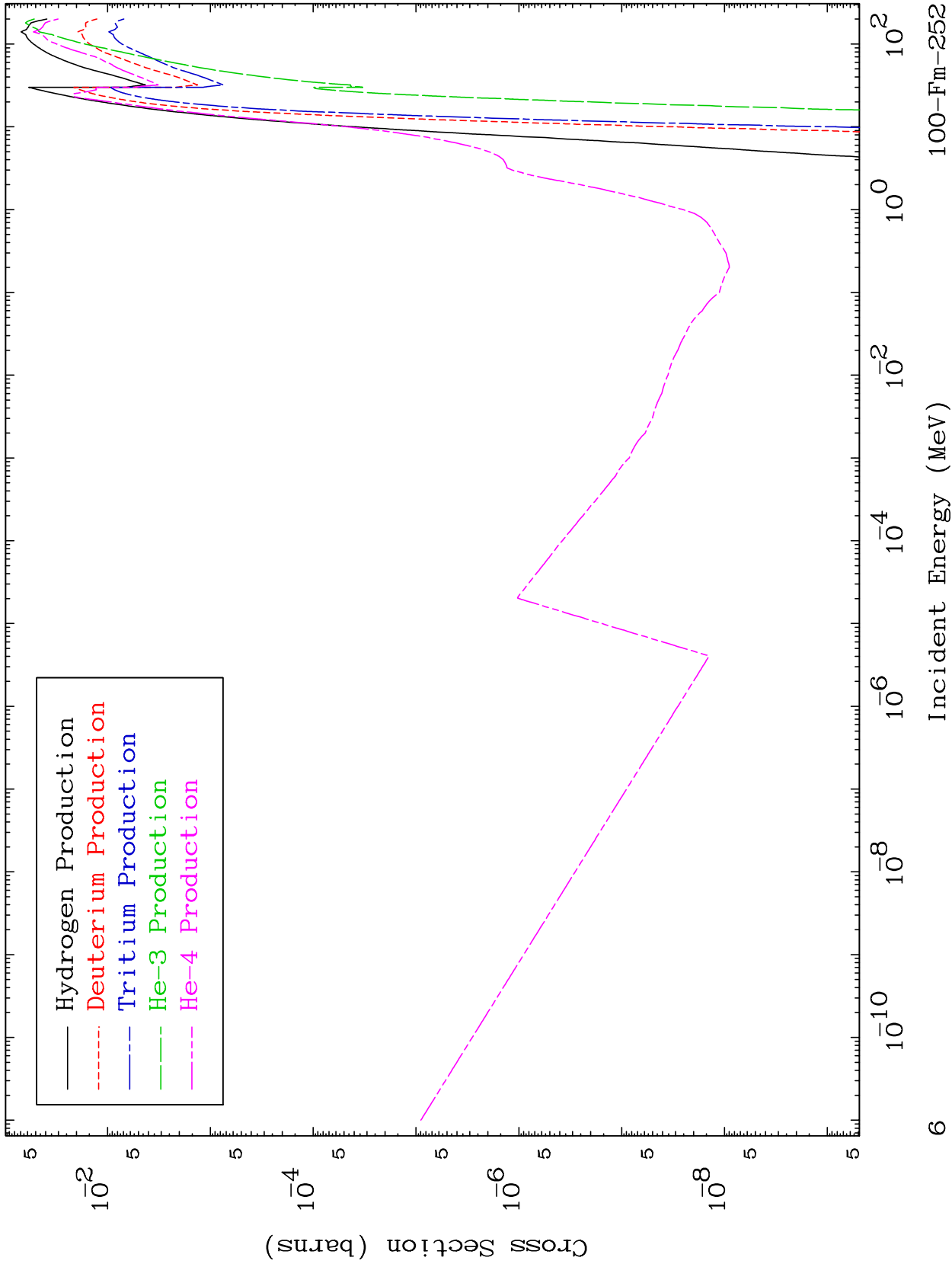
100-Fm-252



MAT 9933

Particle Production
293 Kelvin Cross Sections

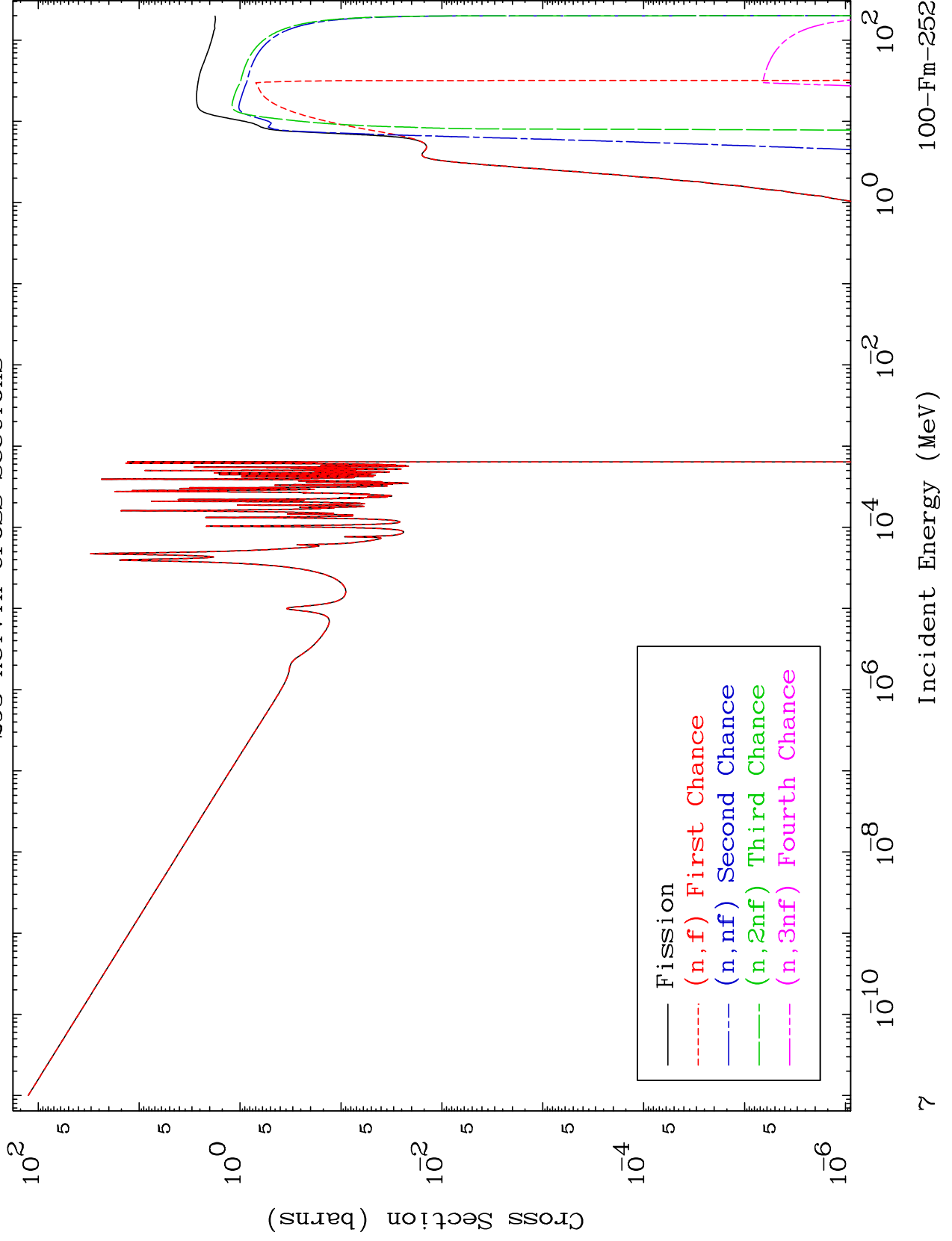
100-Fm-252



MAT 9933

Fission
293 Kelvin Cross Sections

100-Fm-252

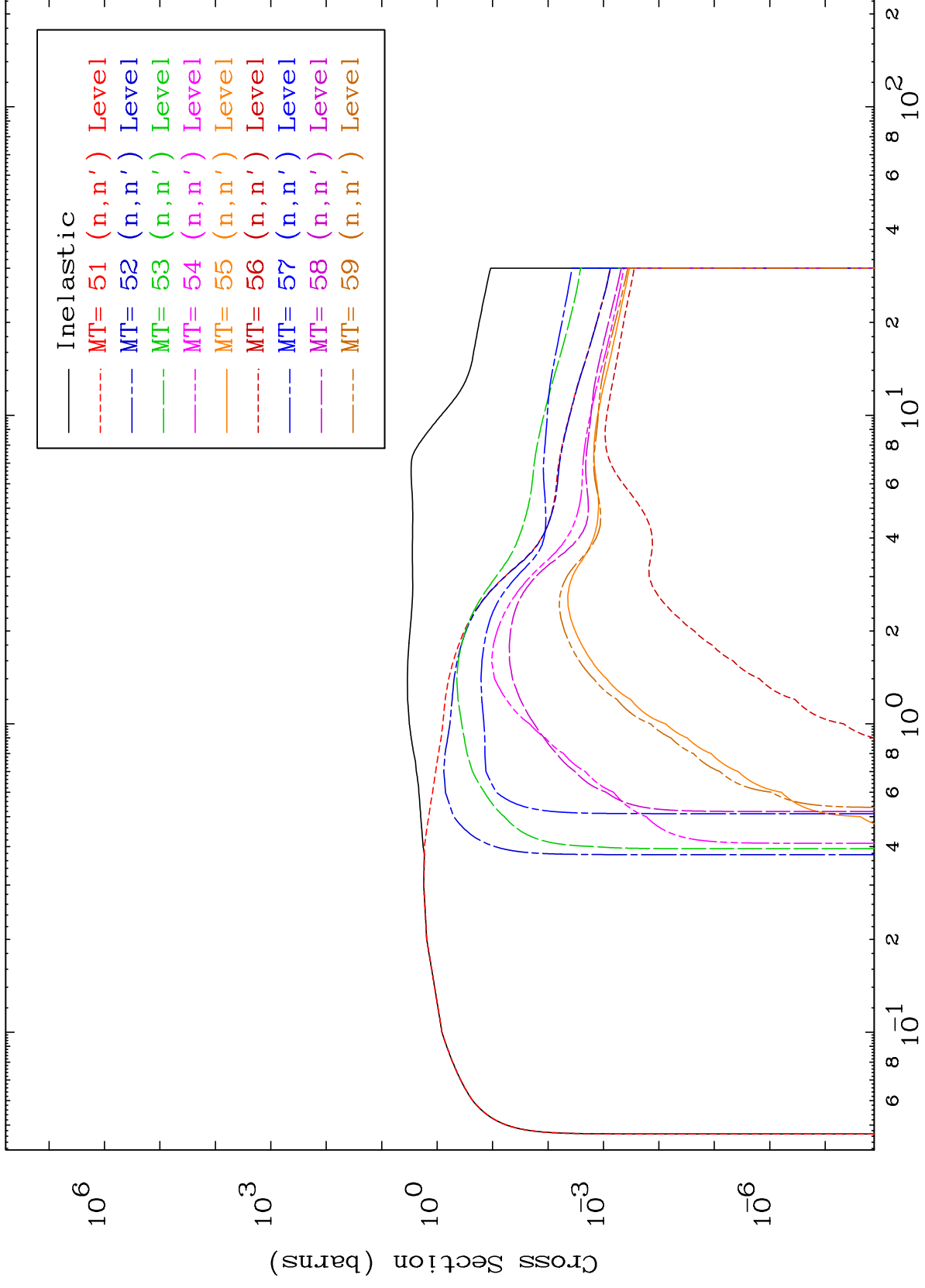


MAT 9933

(n,n') Level

100-Fm-252

293 Kelvin Cross Sections

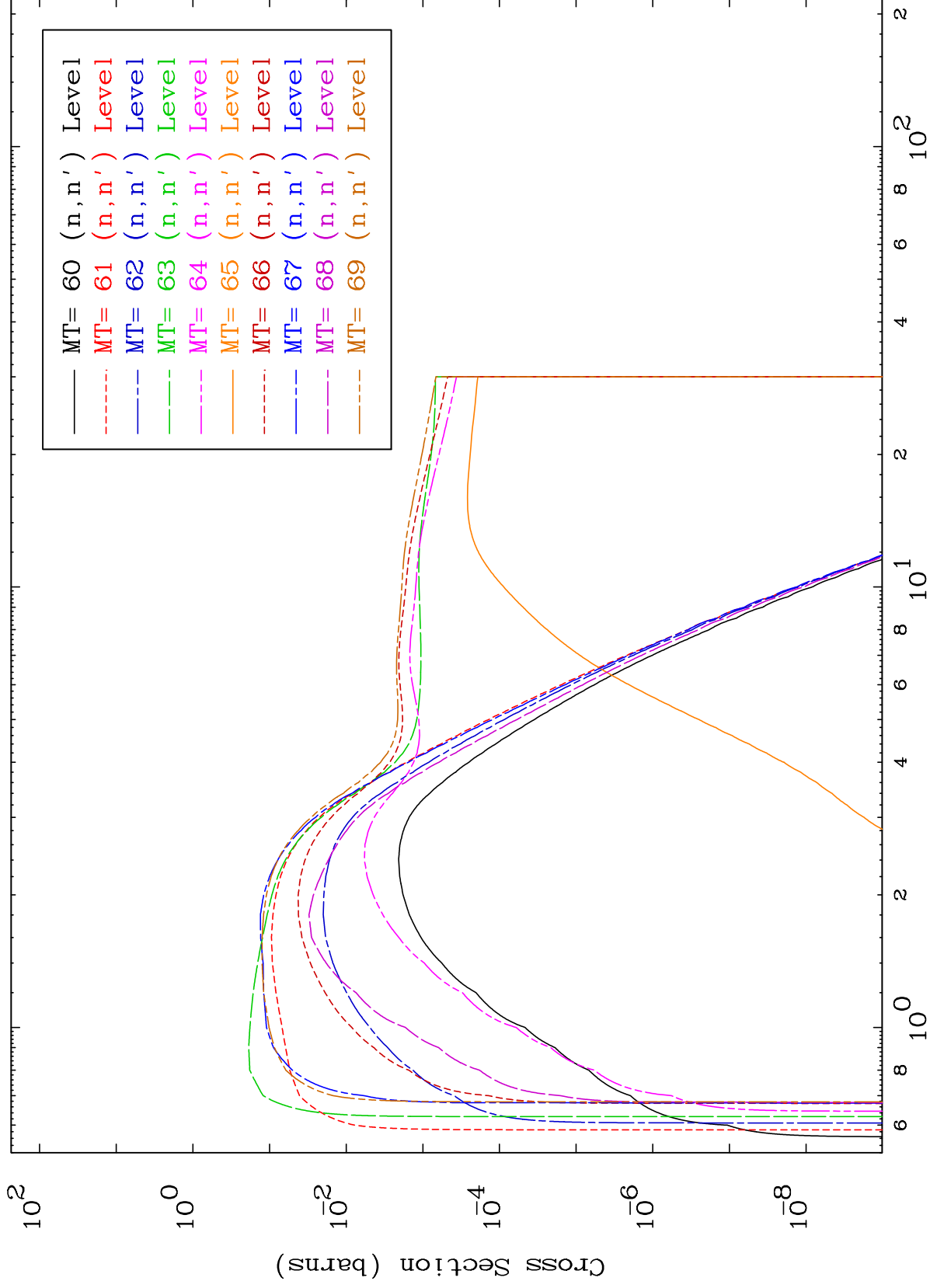


MAT 9933

(n,n') Level

100-Fm-252

293 Kelvin Cross Sections



9

Incident Energy (MeV)

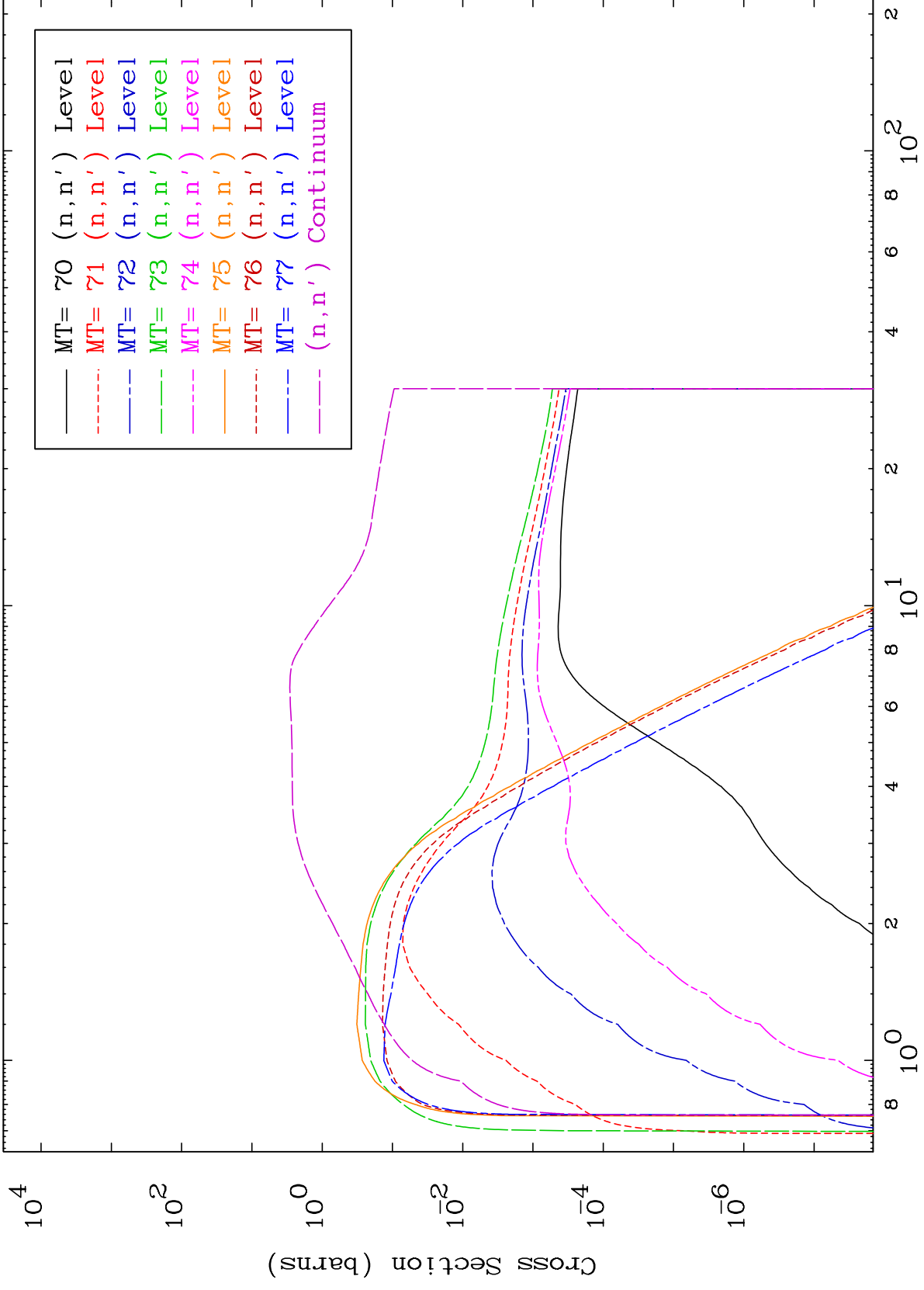
100-Fm-252

MAT 9933

(n,n') Level

100-Fm-252

293 Kelvin Cross Sections



10

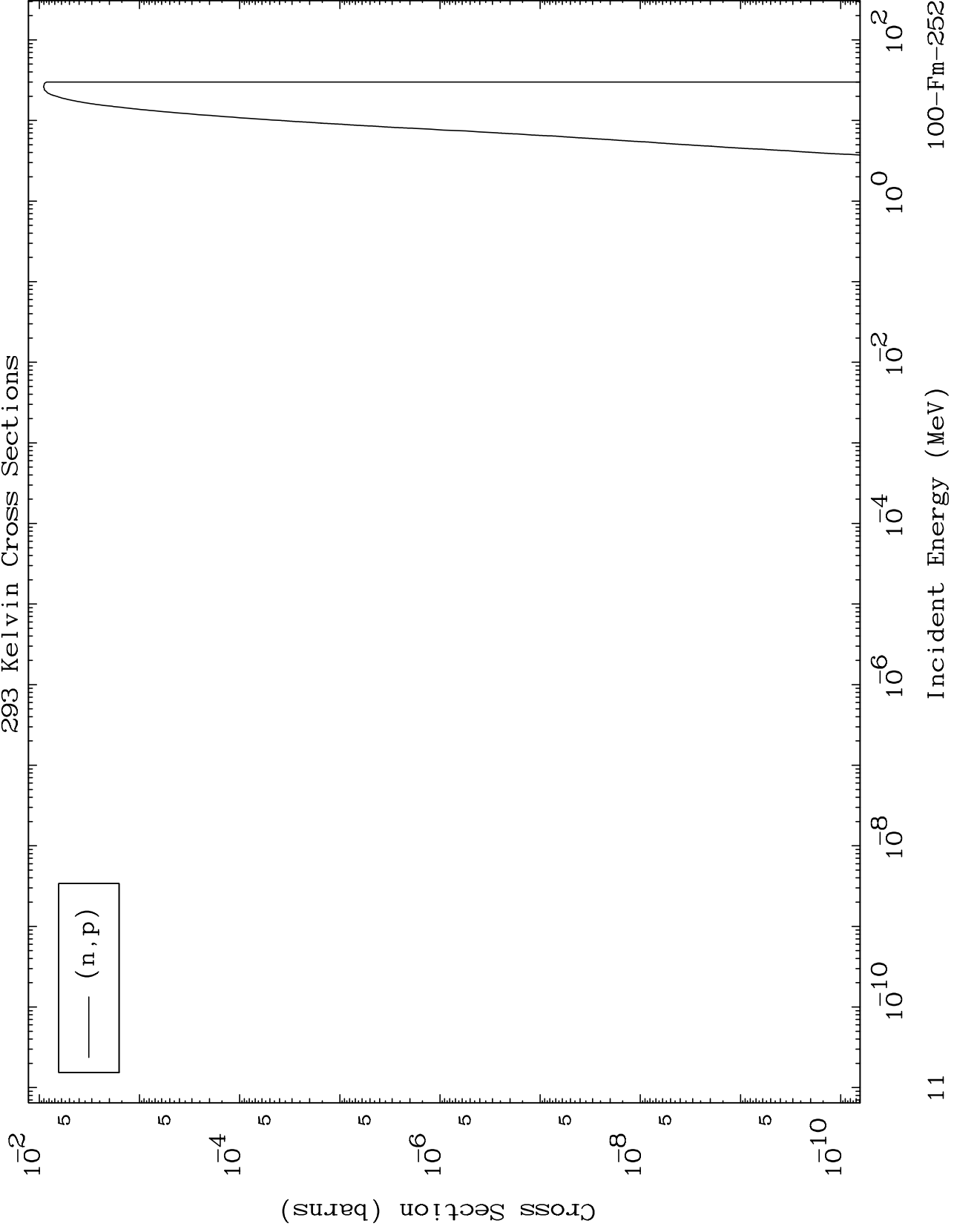
Incident Energy (MeV)

100-Fm-252

MAT 9933

(n,p) Levels
293 Kelvin Cross Sections

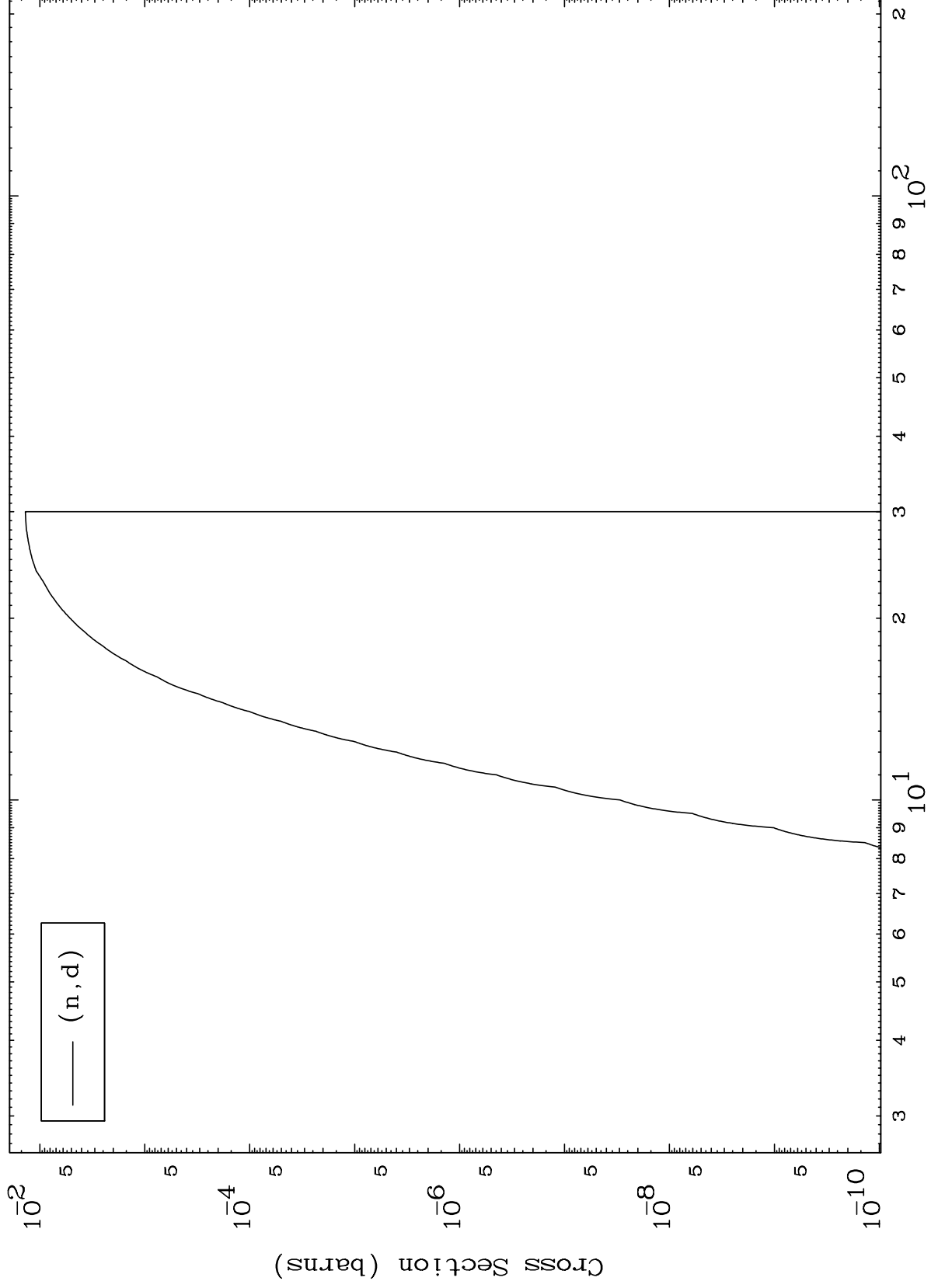
100-Fm-252



MAT 9933

(n,d) Levels
293 Kelvin Cross Sections

100-Fm-252



12

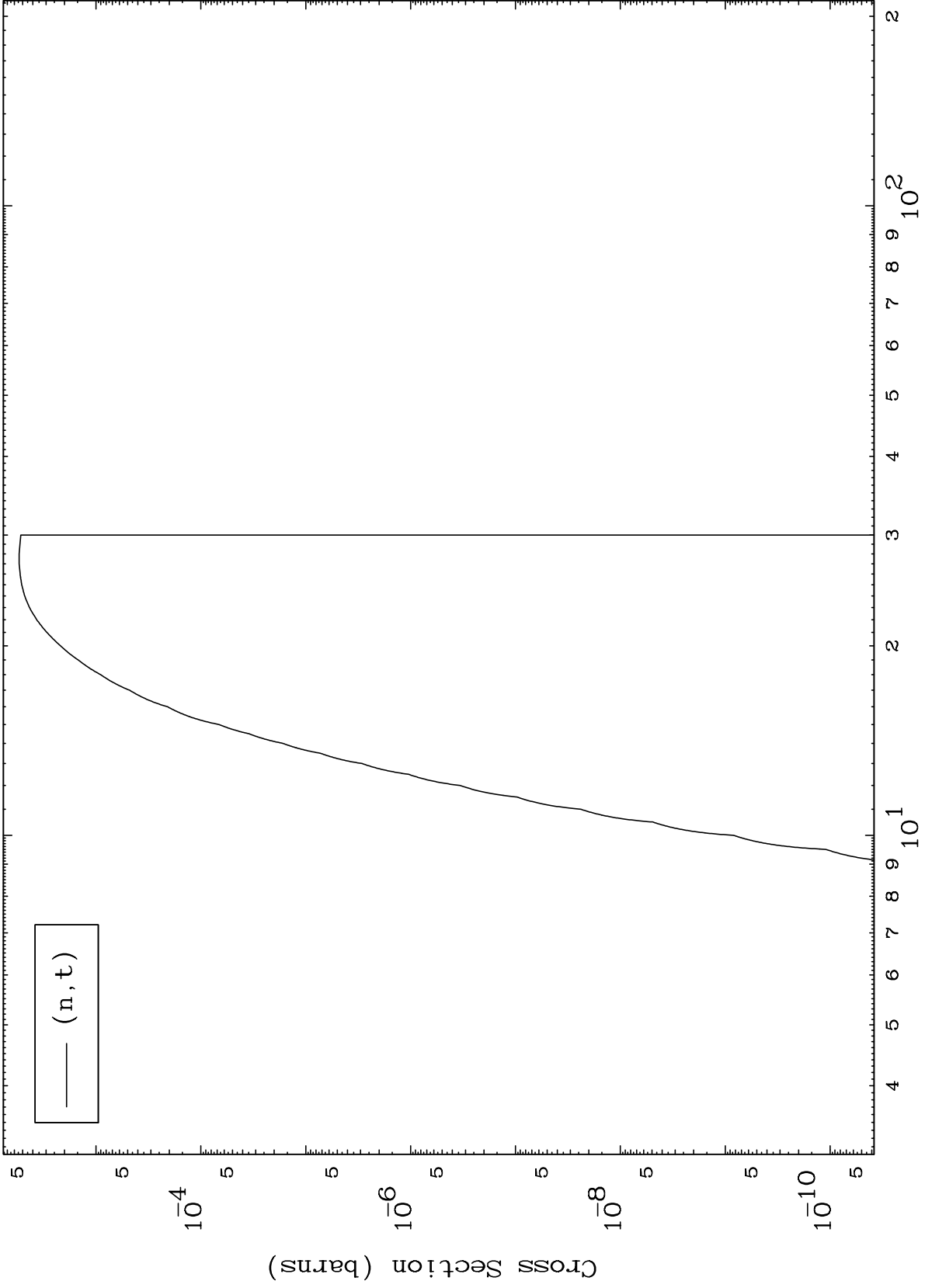
Incident Energy (MeV)

100-Fm-252

MAT 9933

(n,t) Levels
293 Kelvin Cross Sections

100-Fm-252



13

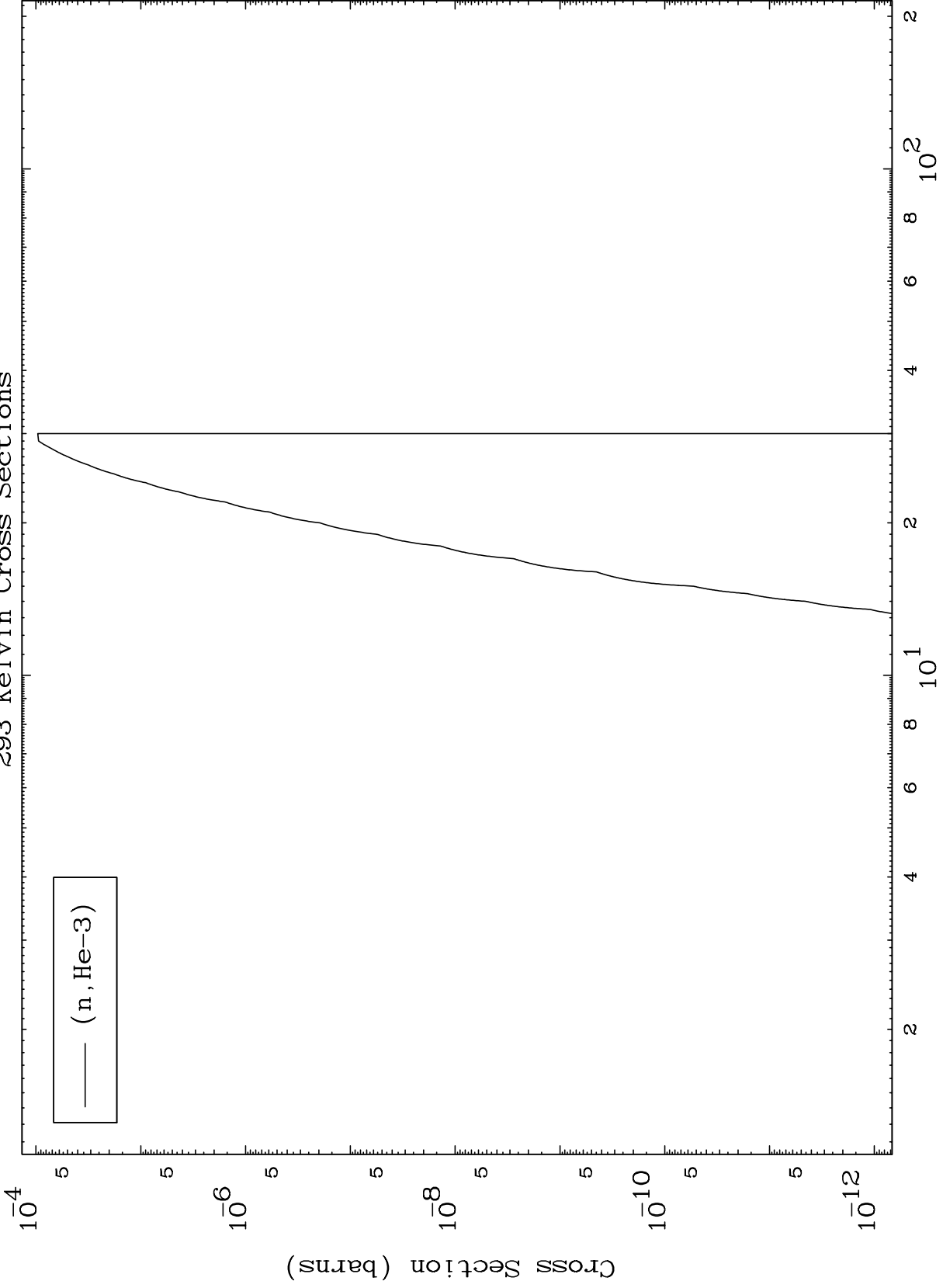
Incident Energy (MeV)

100-Fm-252

MAT 9933

(n,He3) Levels
293 Kelvin Cross Sections

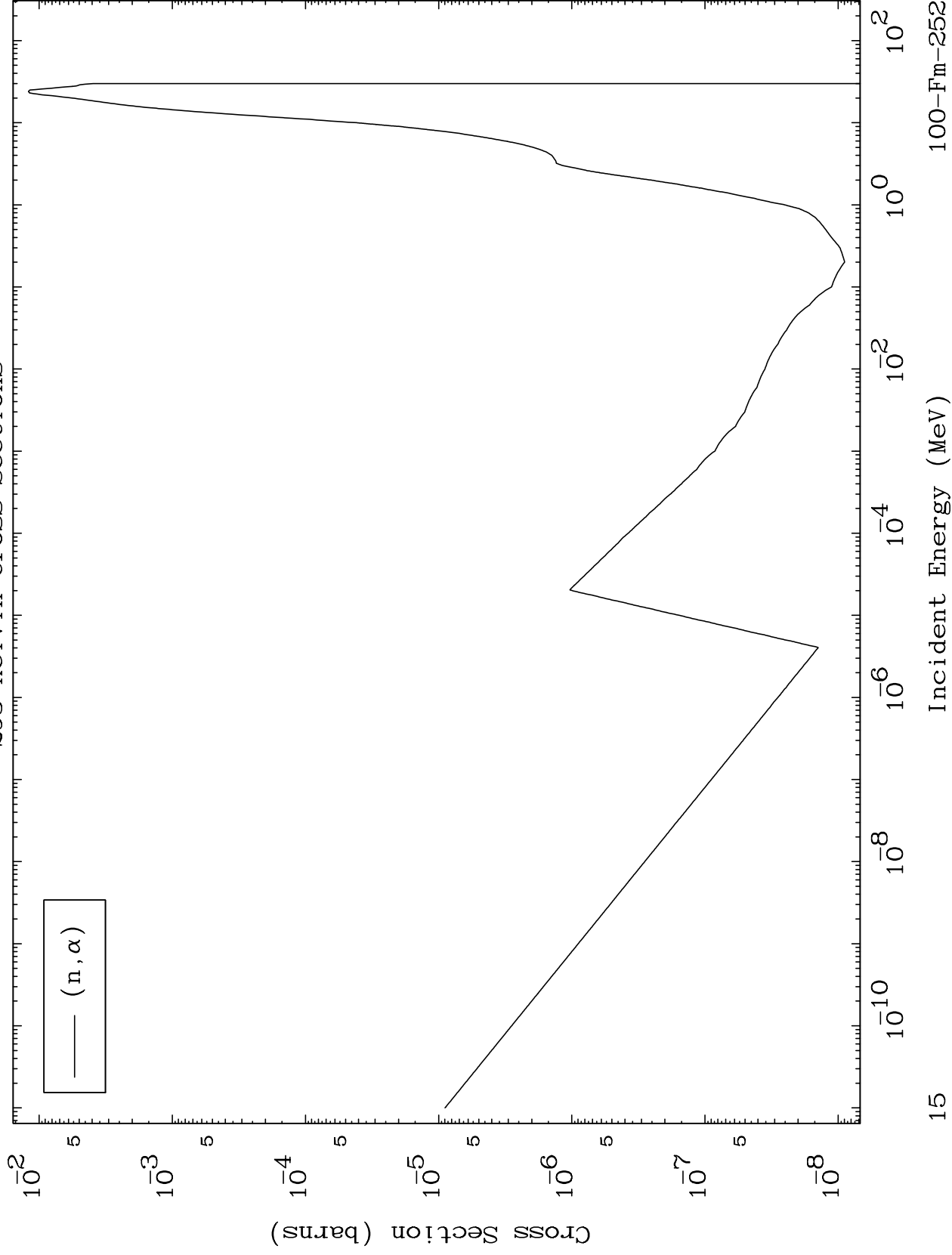
100-Fm-252

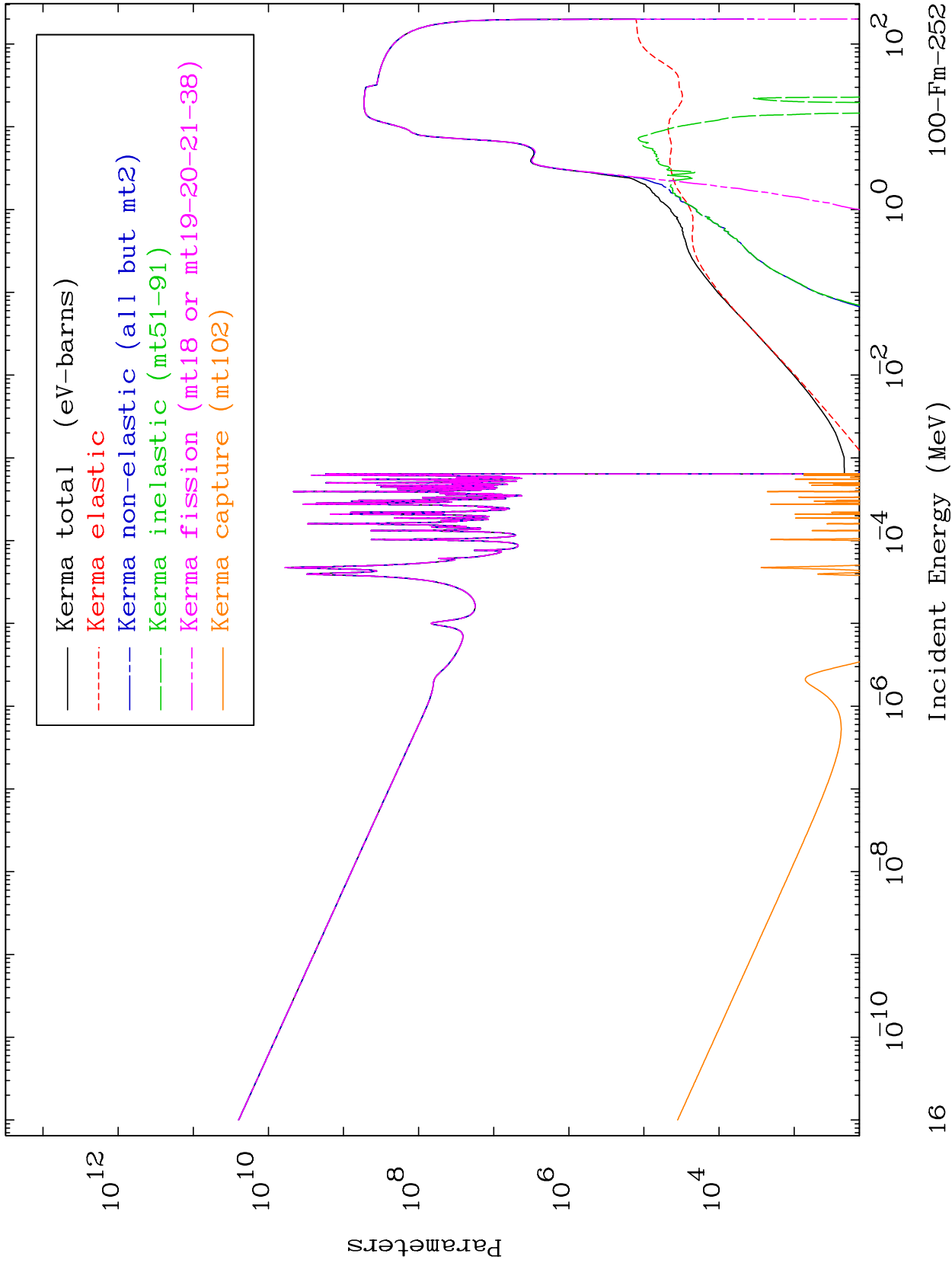


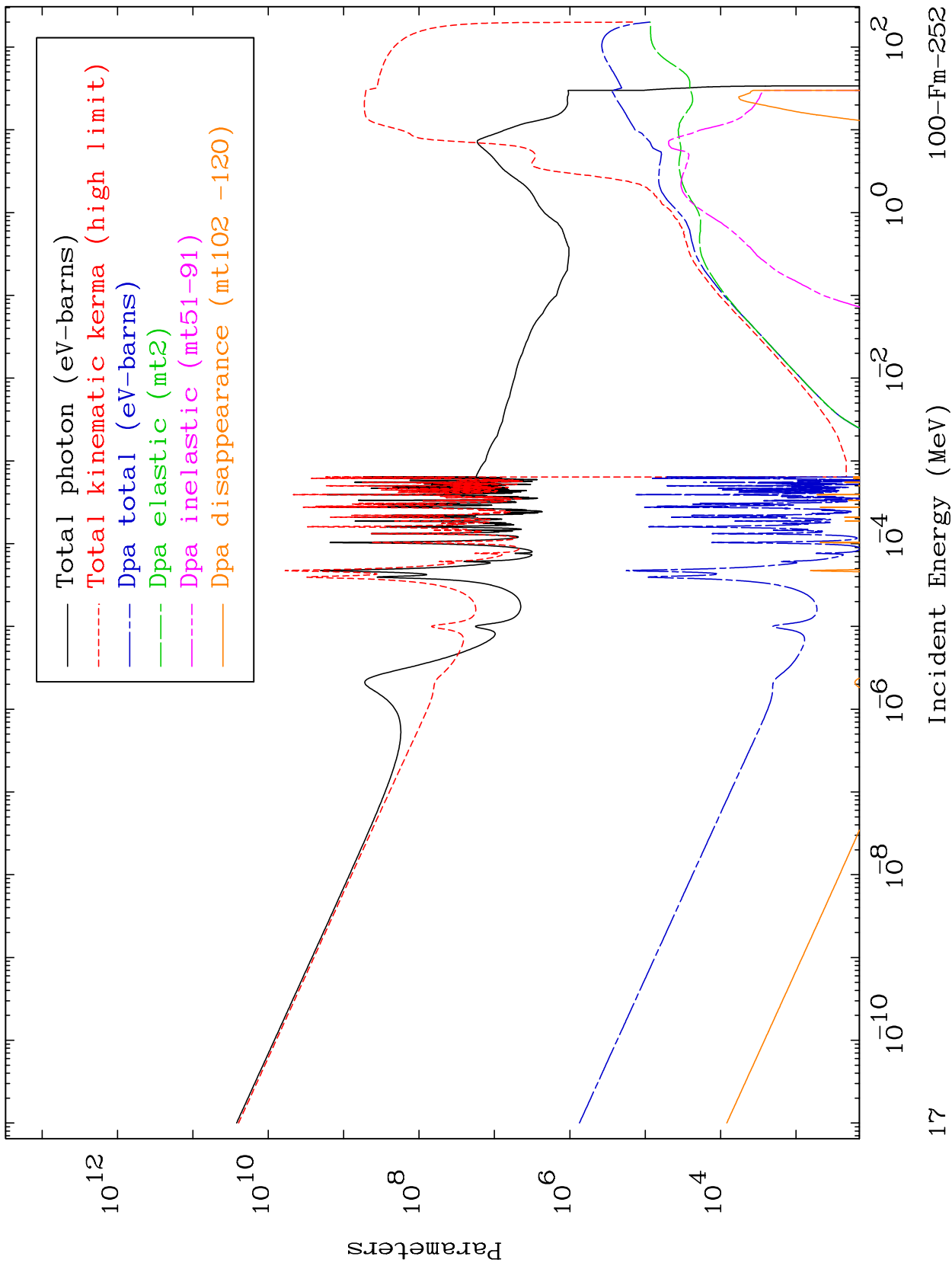
MAT 9933

(n,α) Levels
293 Kelvin Cross Sections

100-Fm-252



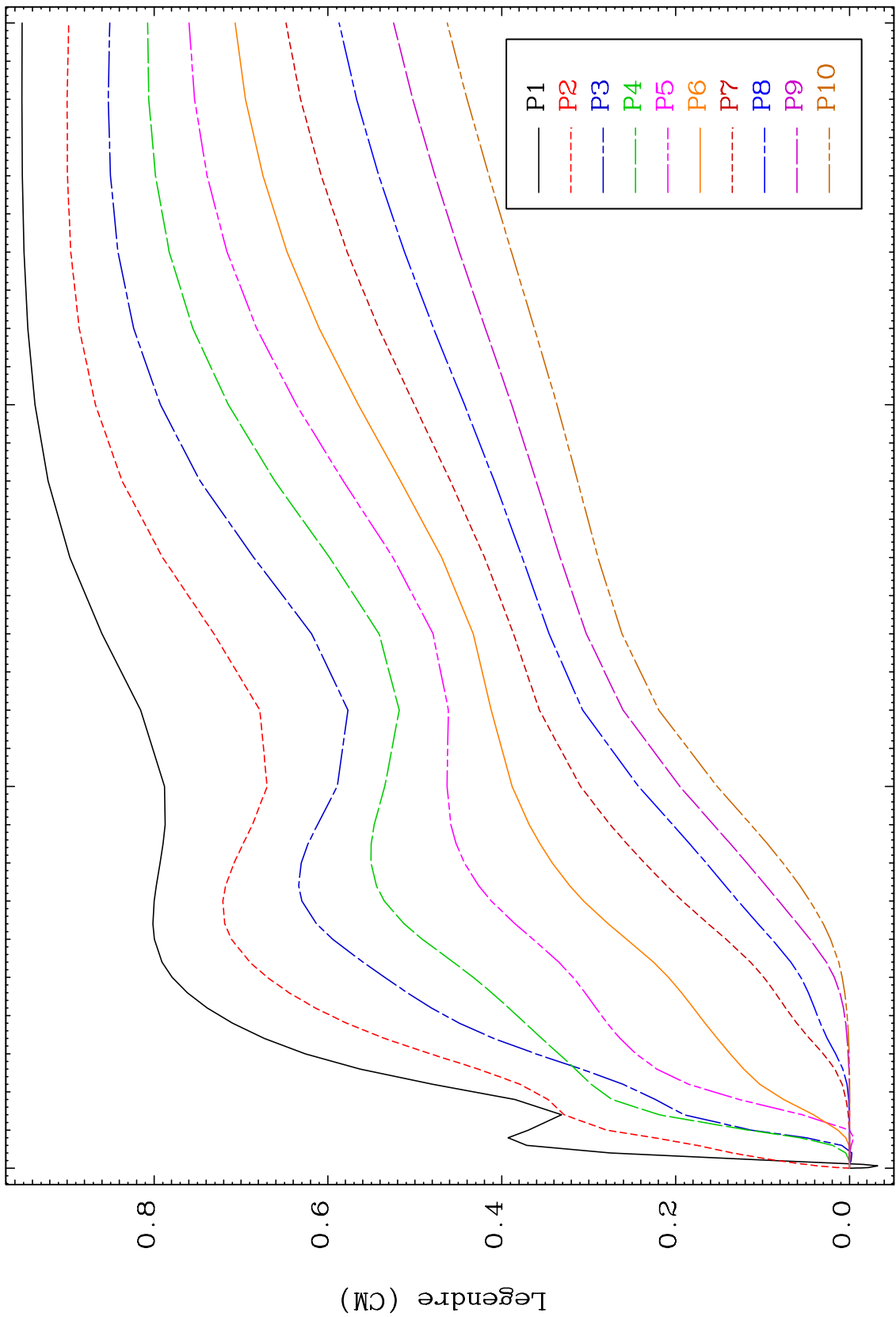




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Elastic Legendre Coefficients

100-Fm-252



18

Incident Energy (MeV)

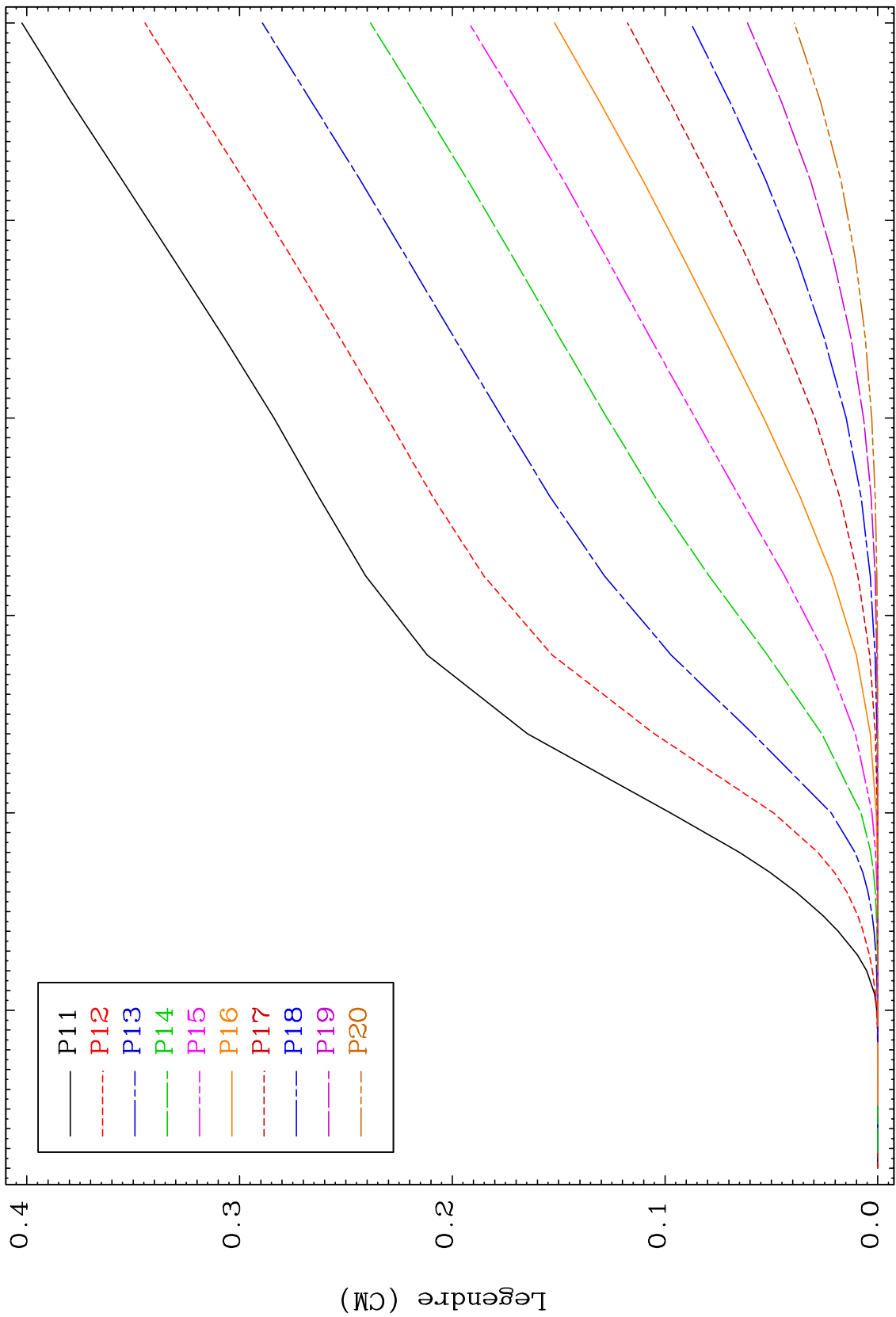
100-Fm-252

30

MAT 9933

Elastic Legendre Coefficients

100-Fm-252



19

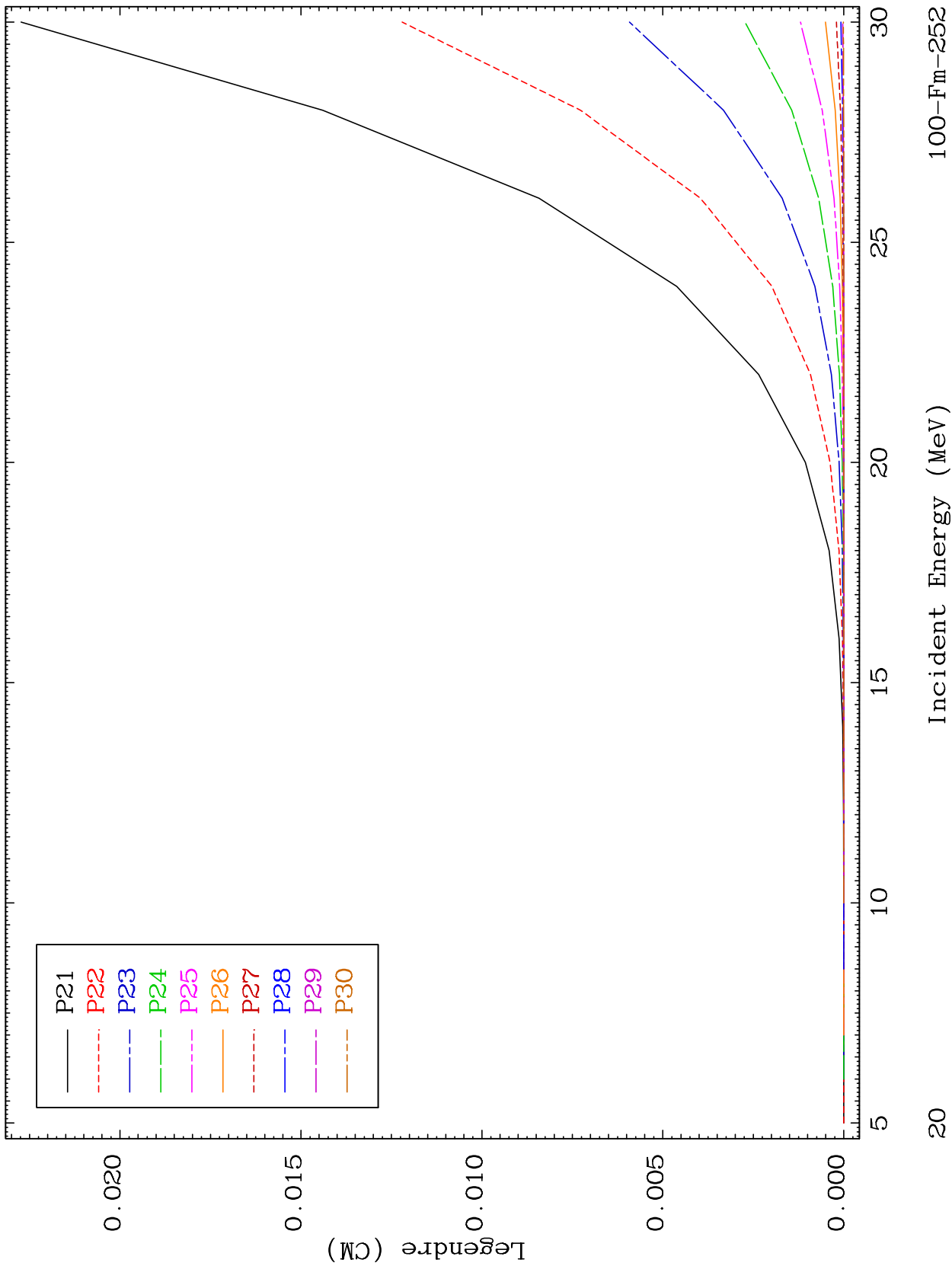
Incident Energy (MeV)

100-Fm-252

MAT 9933

Elastic Legendre Coefficients

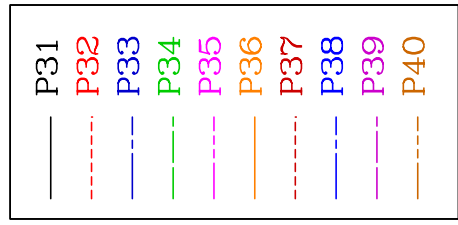
100-Fm-252



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Elastic Legendre Coefficients

100-Fm-252



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

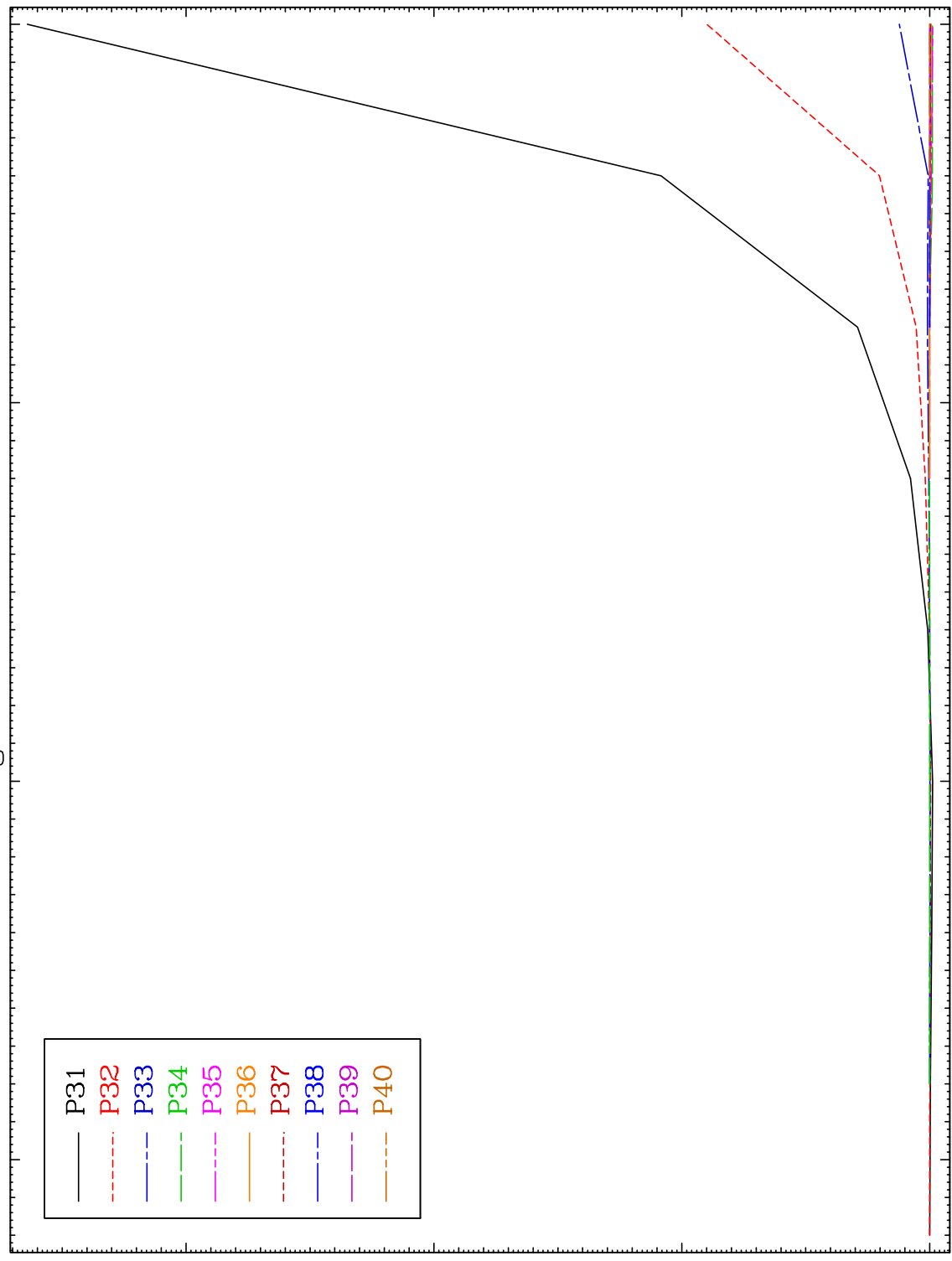
25

30

21

Incident Energy (MeV)

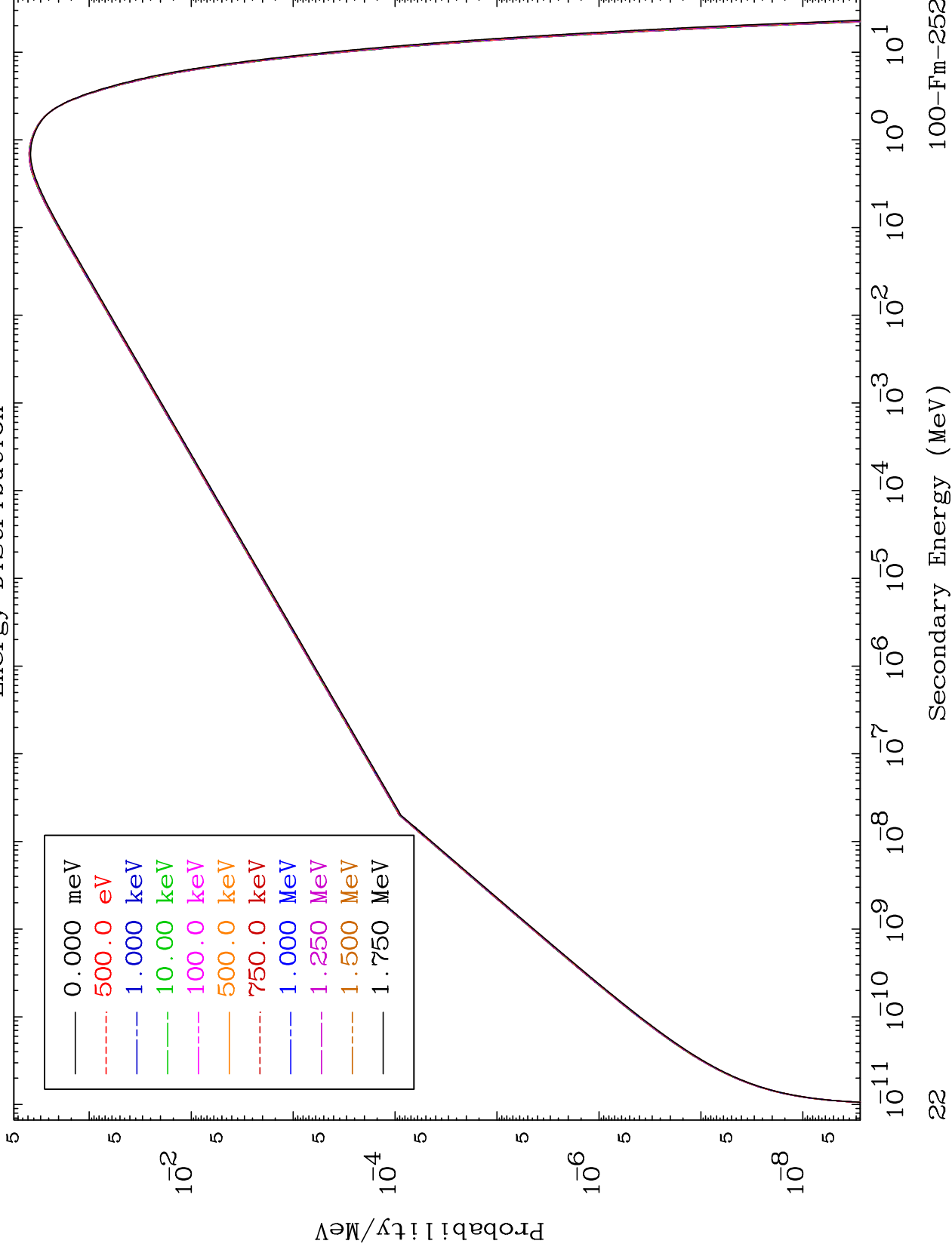
100-Fm-252



MAT 9933

Fission Energy Distribution

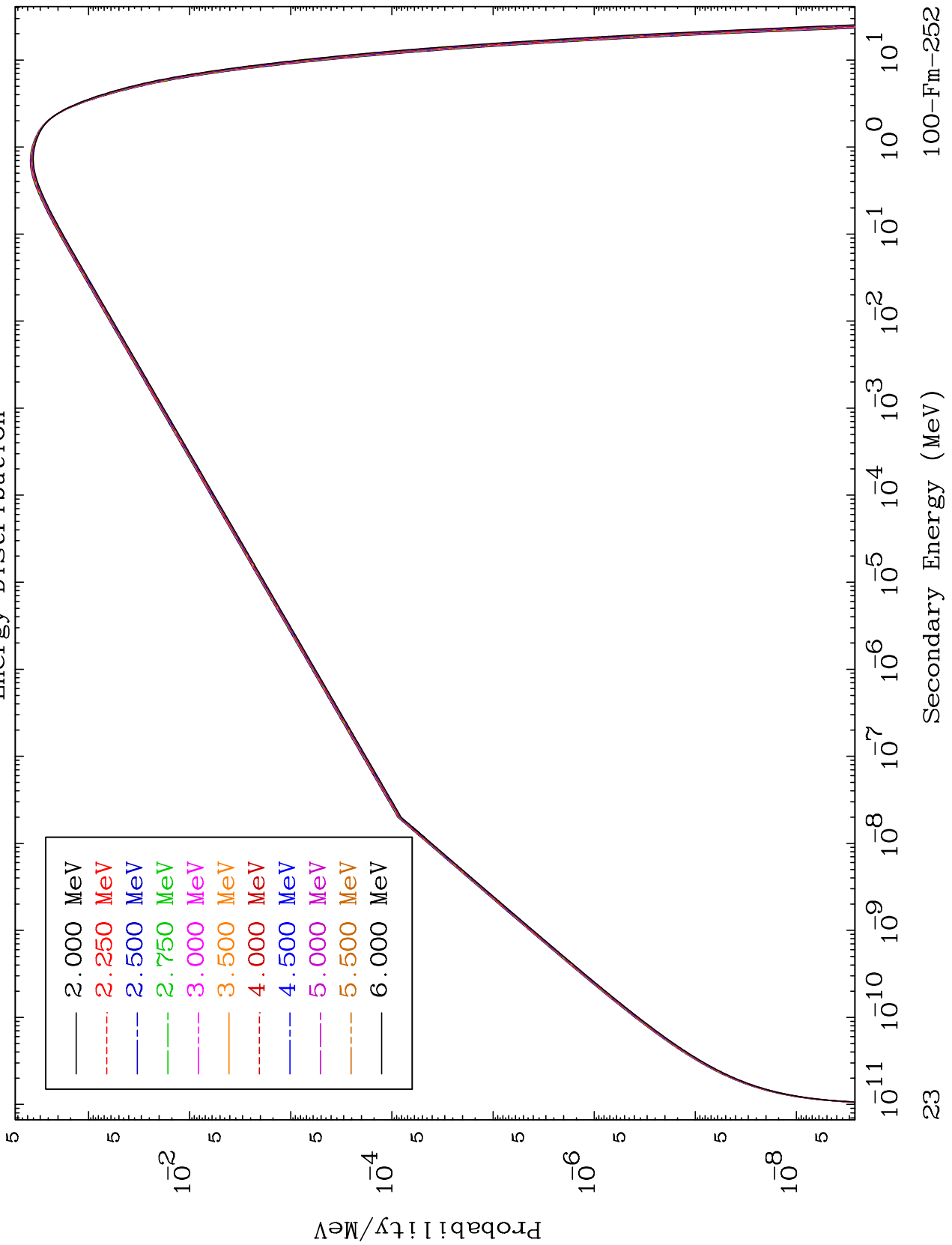
100-Fm-252



MAT 9933

Fission Energy Distribution

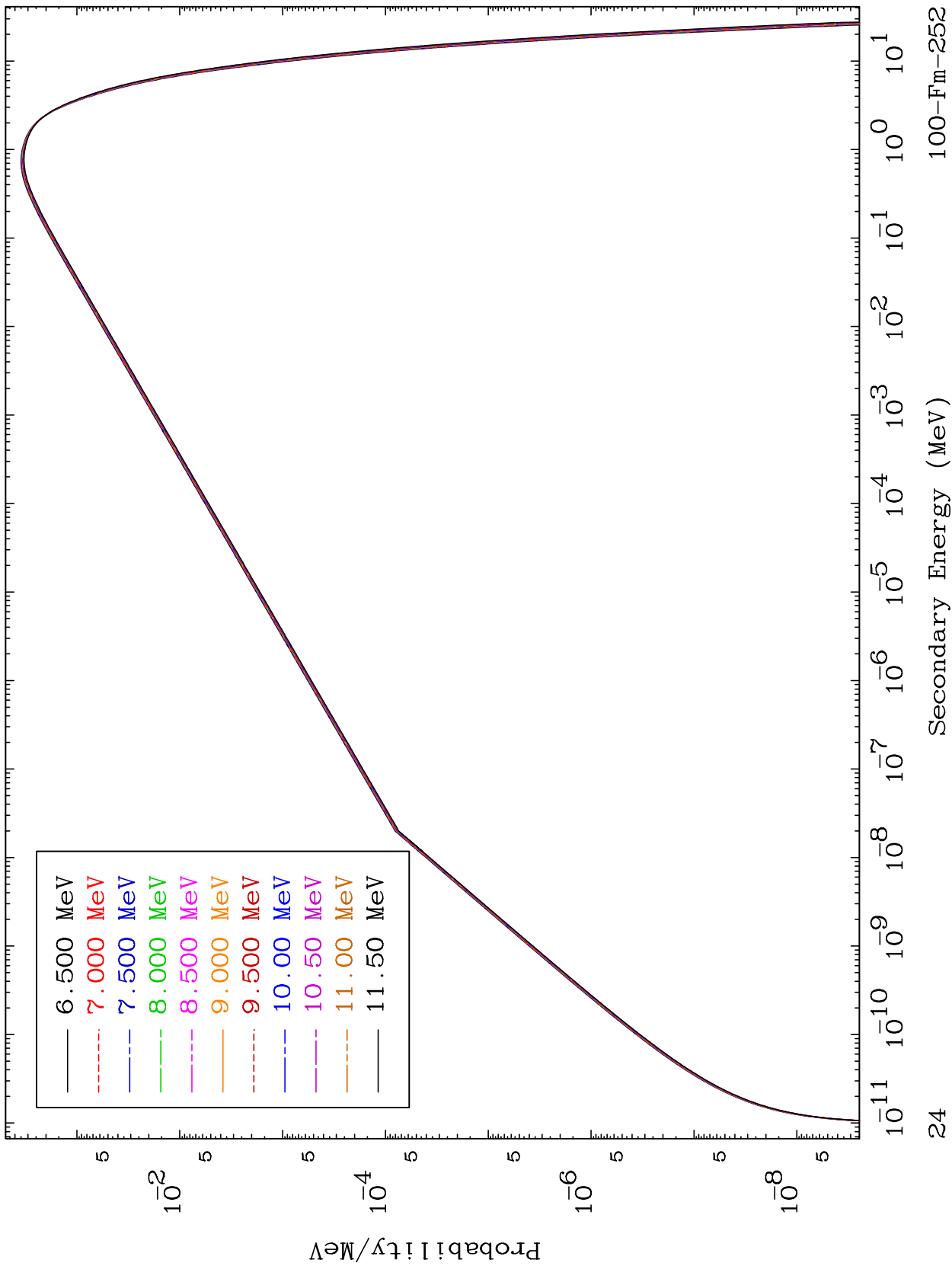
100-Fm-252



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Fission Energy Distribution

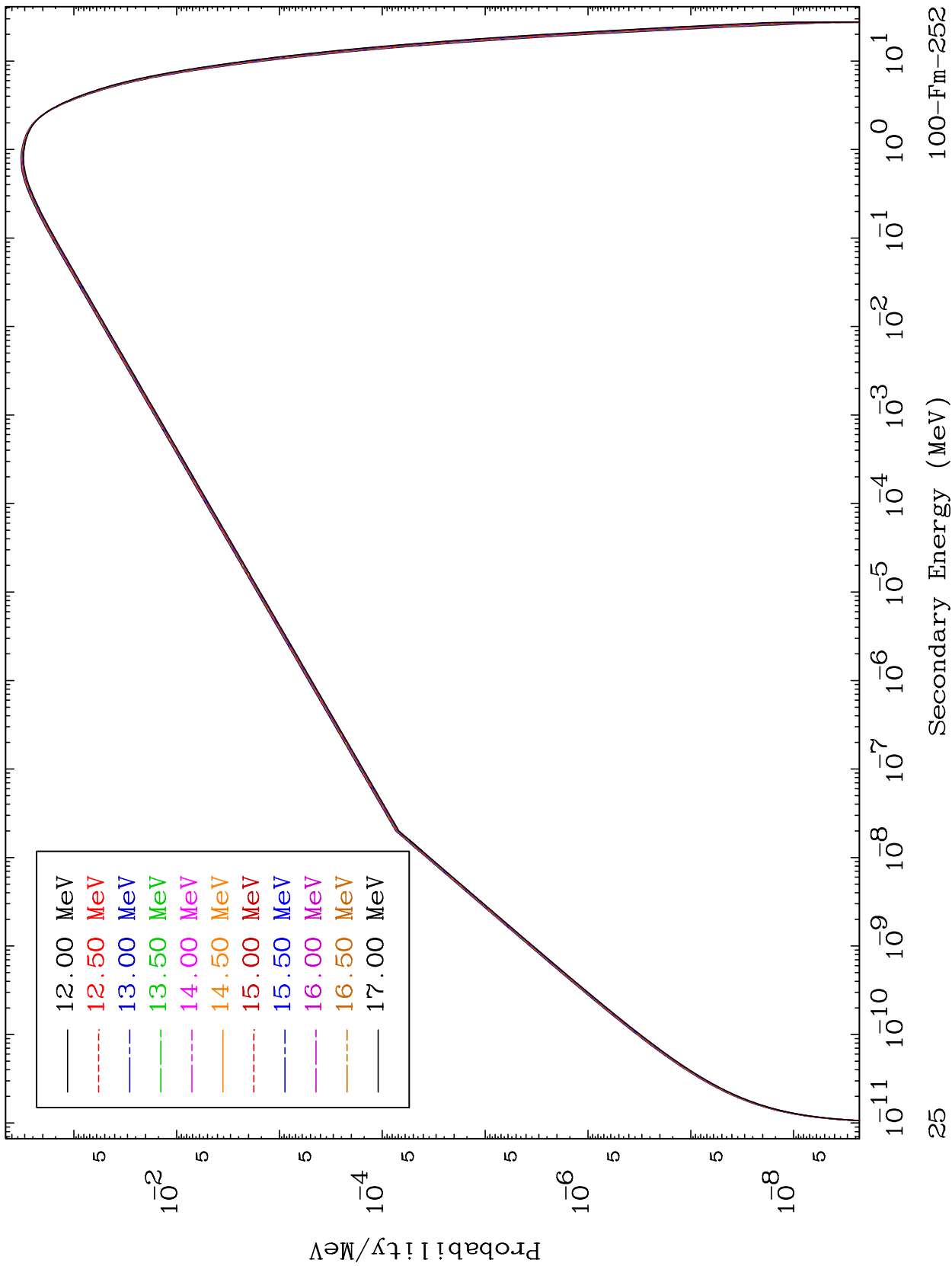
100-Fm-252



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Fission Energy Distribution

100-Fm-252



100-Fm-252

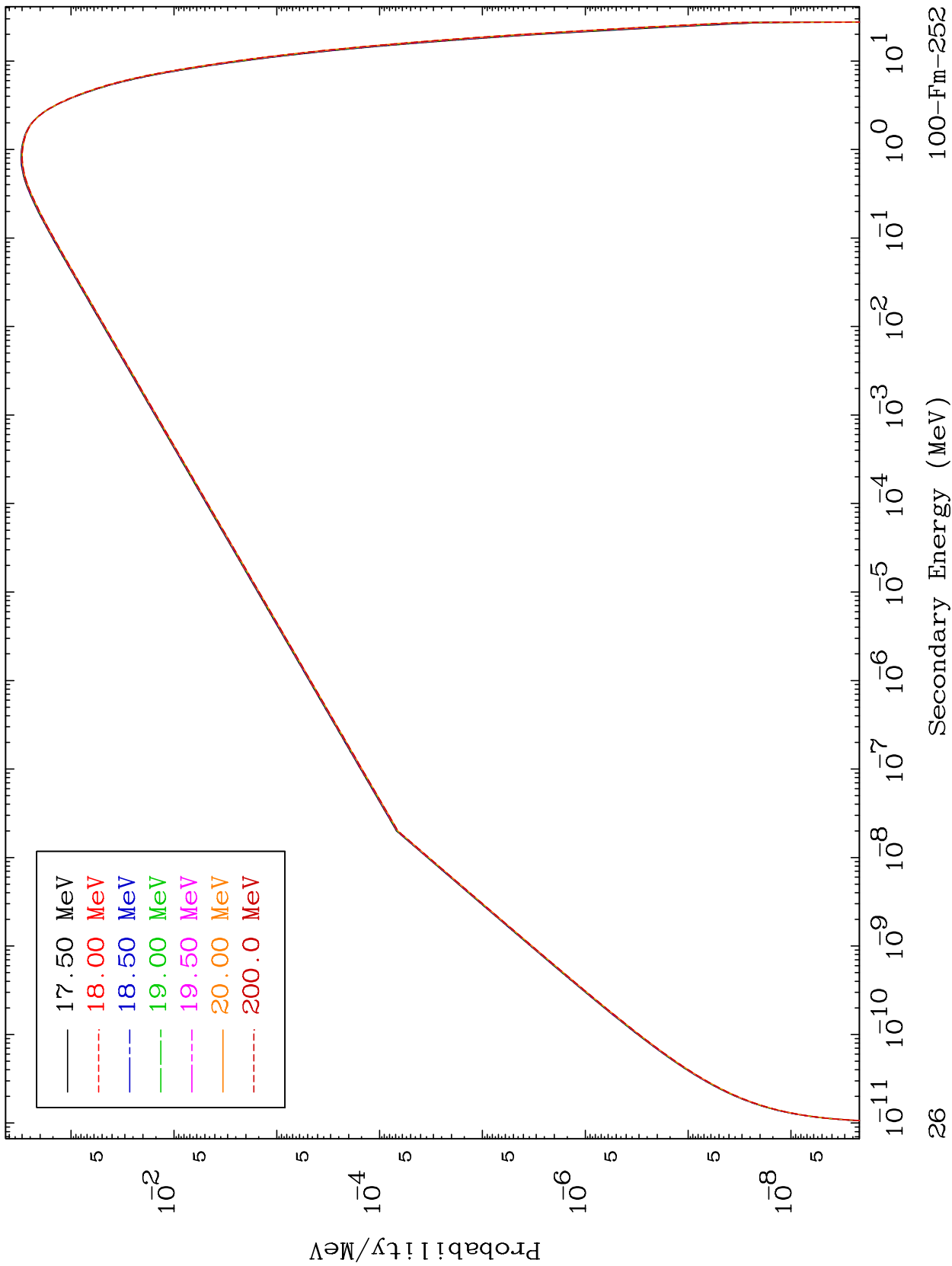
Secondary Energy (MeV)

25

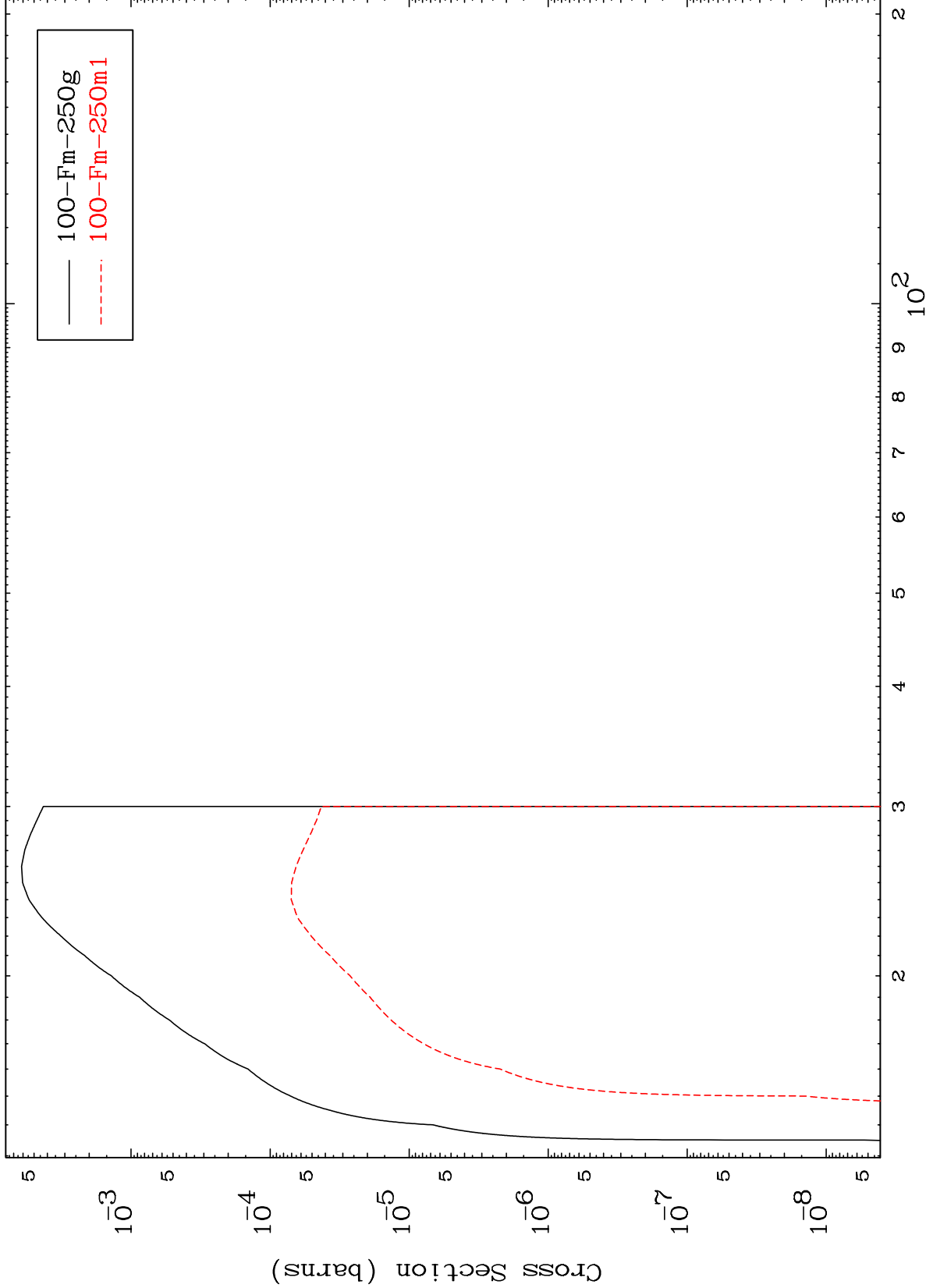
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Fission Energy Distribution

100-Fm-252



Radionuclide Production Cross Section

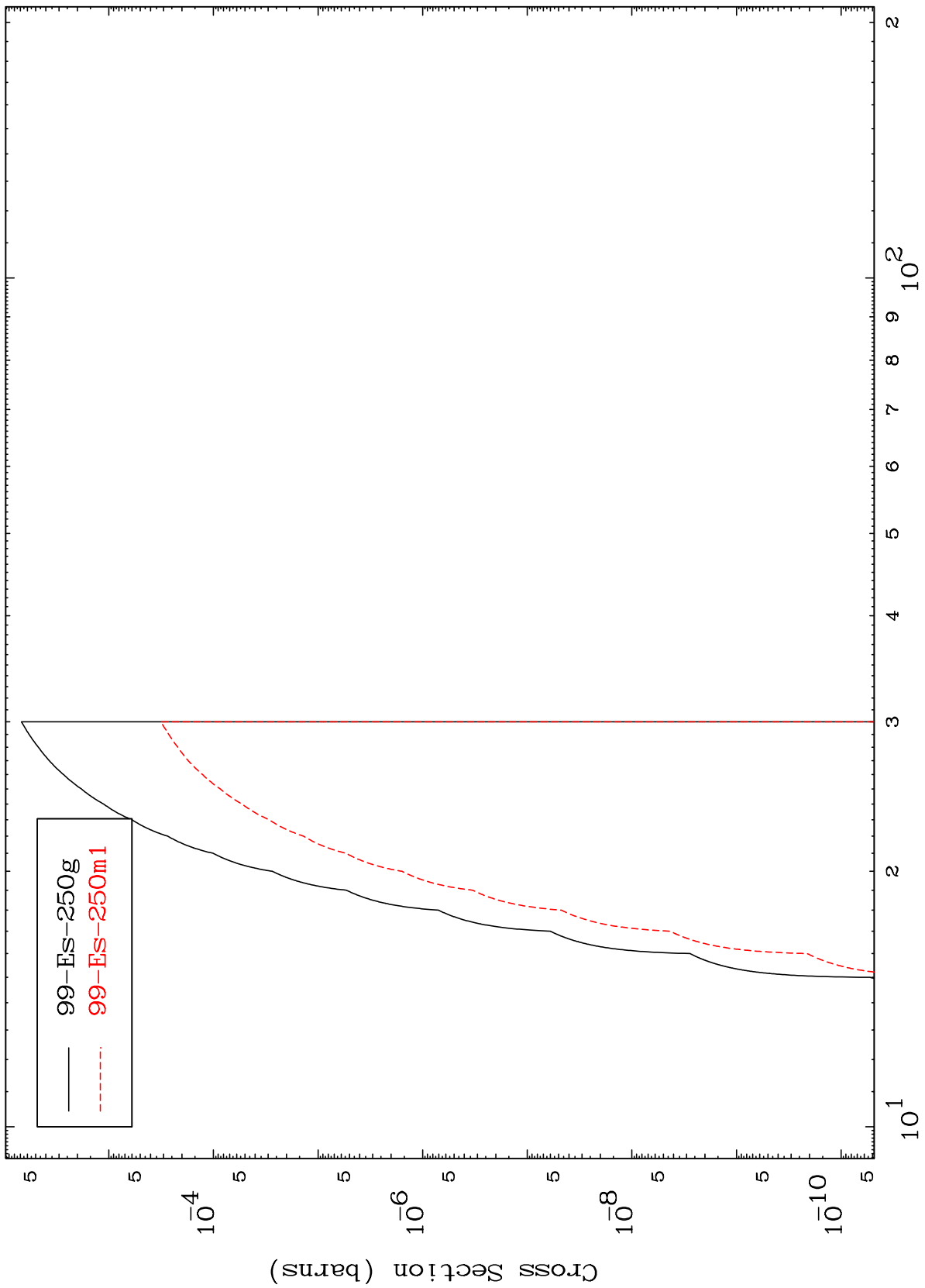


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(n,n') d

100-Fm-252

Radionuclide Production Cross Section



28

Incident Energy (MeV)

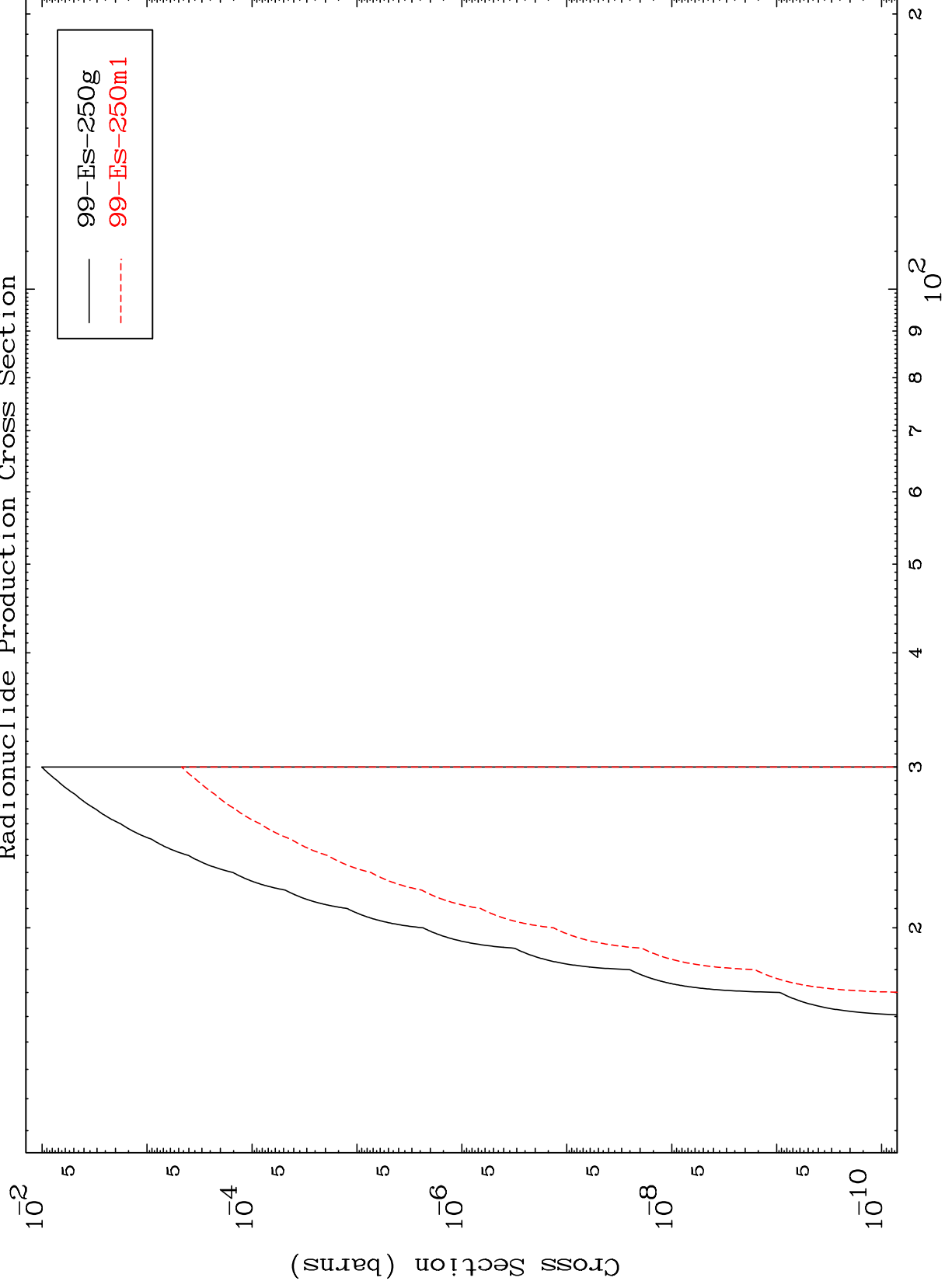
100-Fm-252

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(n,2n) p

100-Fm-252

Radionuclide Production Cross Section



29

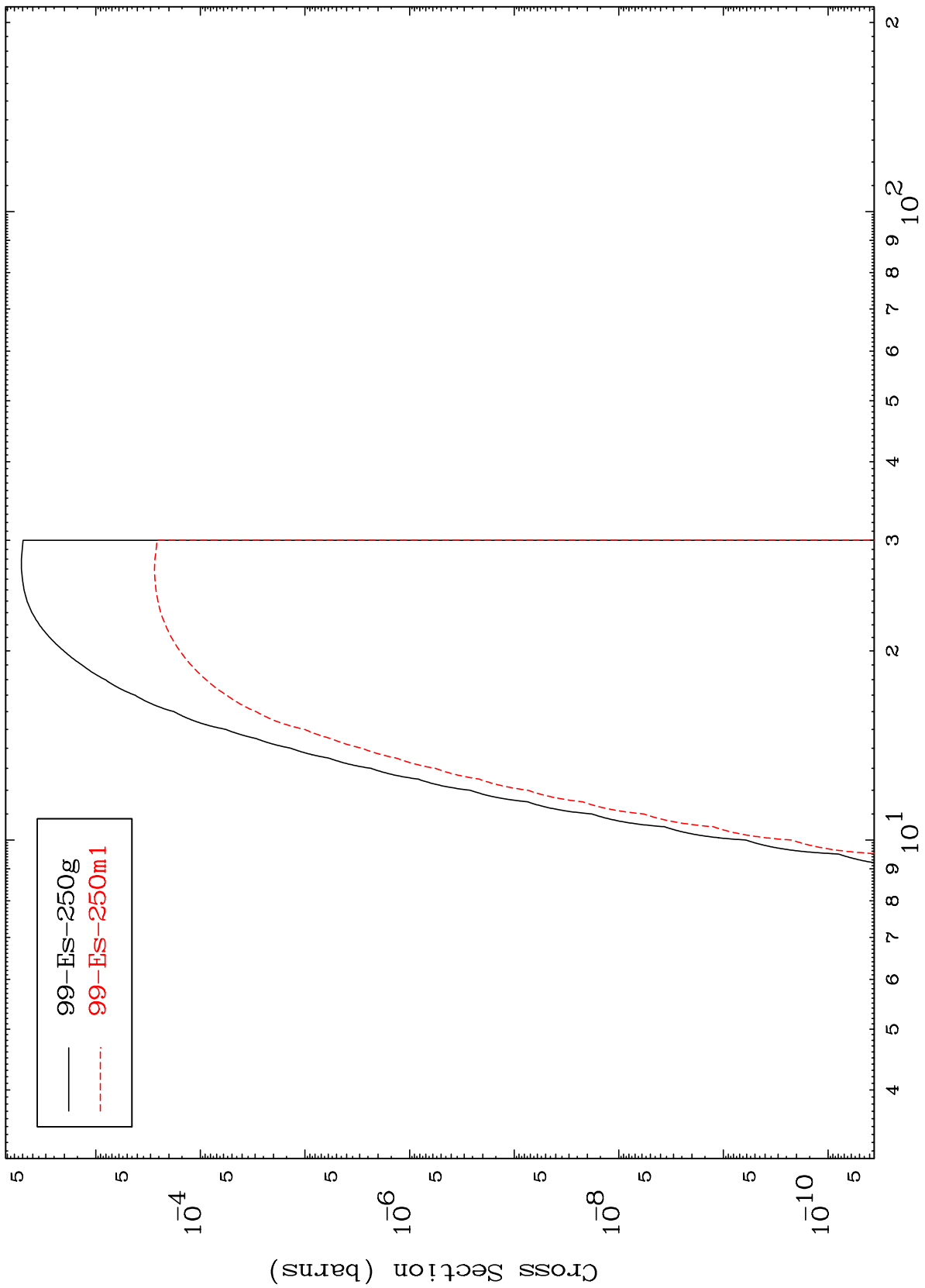
Incident Energy (MeV)

100-Fm-252

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100-Fm-252

(n, t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

100-Fm-252

MAT 9933

(n,p) α

100-Fm-252

