

Program EVALPLOT
(Version 2018-1)

by

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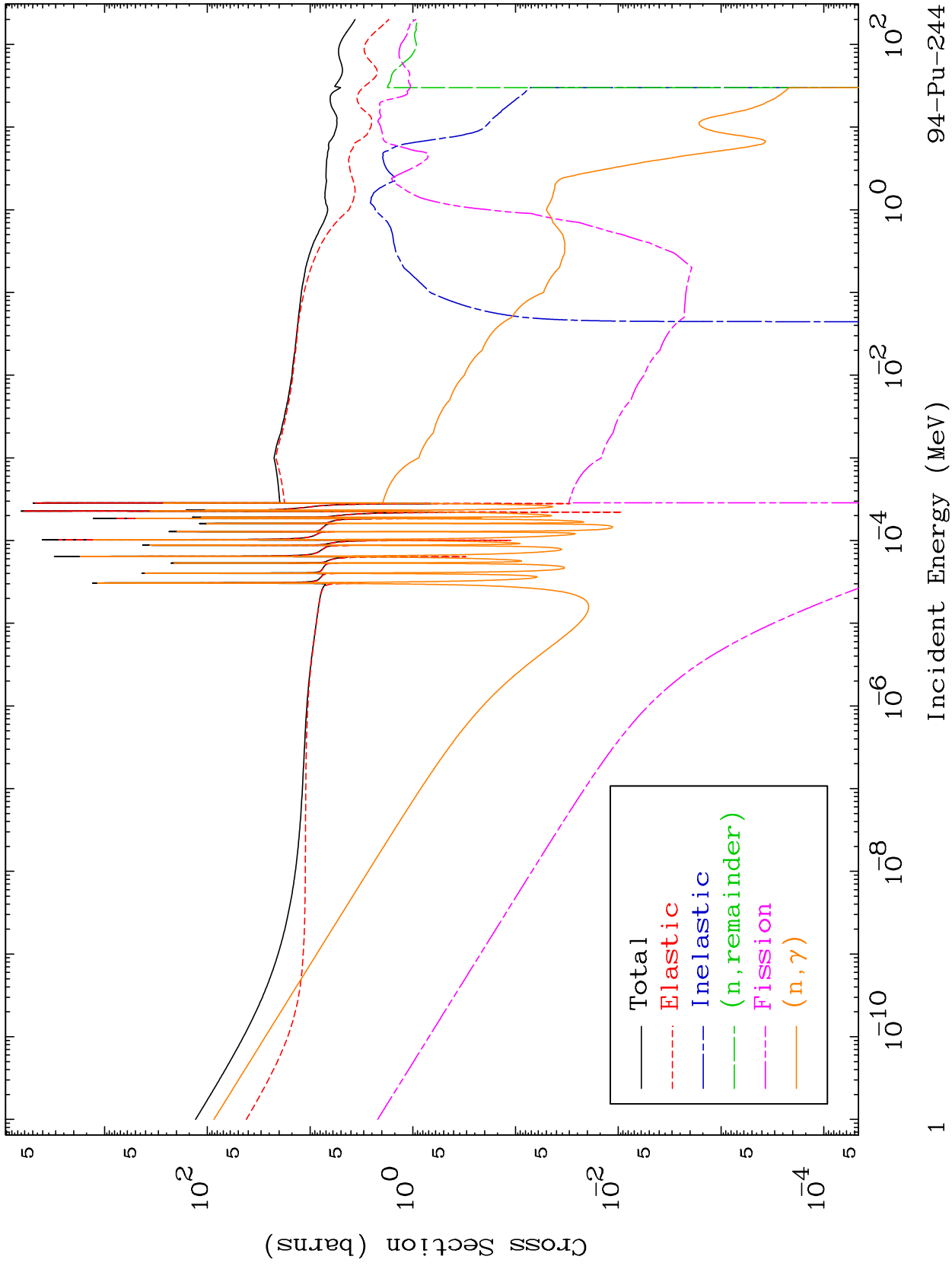
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452

Major
293 Kelvin Cross Sections

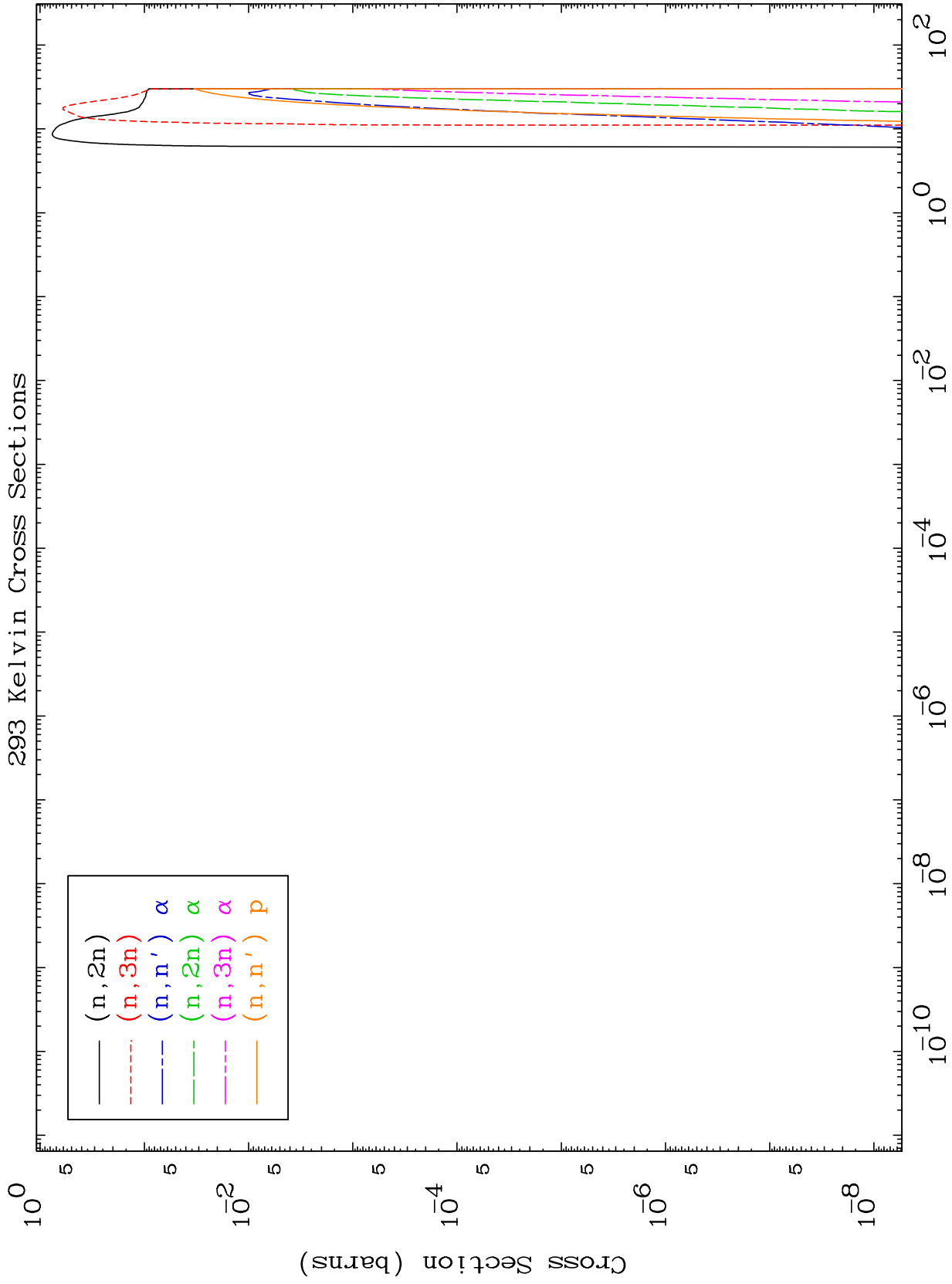
94-Pu-244



MAT 9452

Neutron Production
293 Kelvin Cross Sections

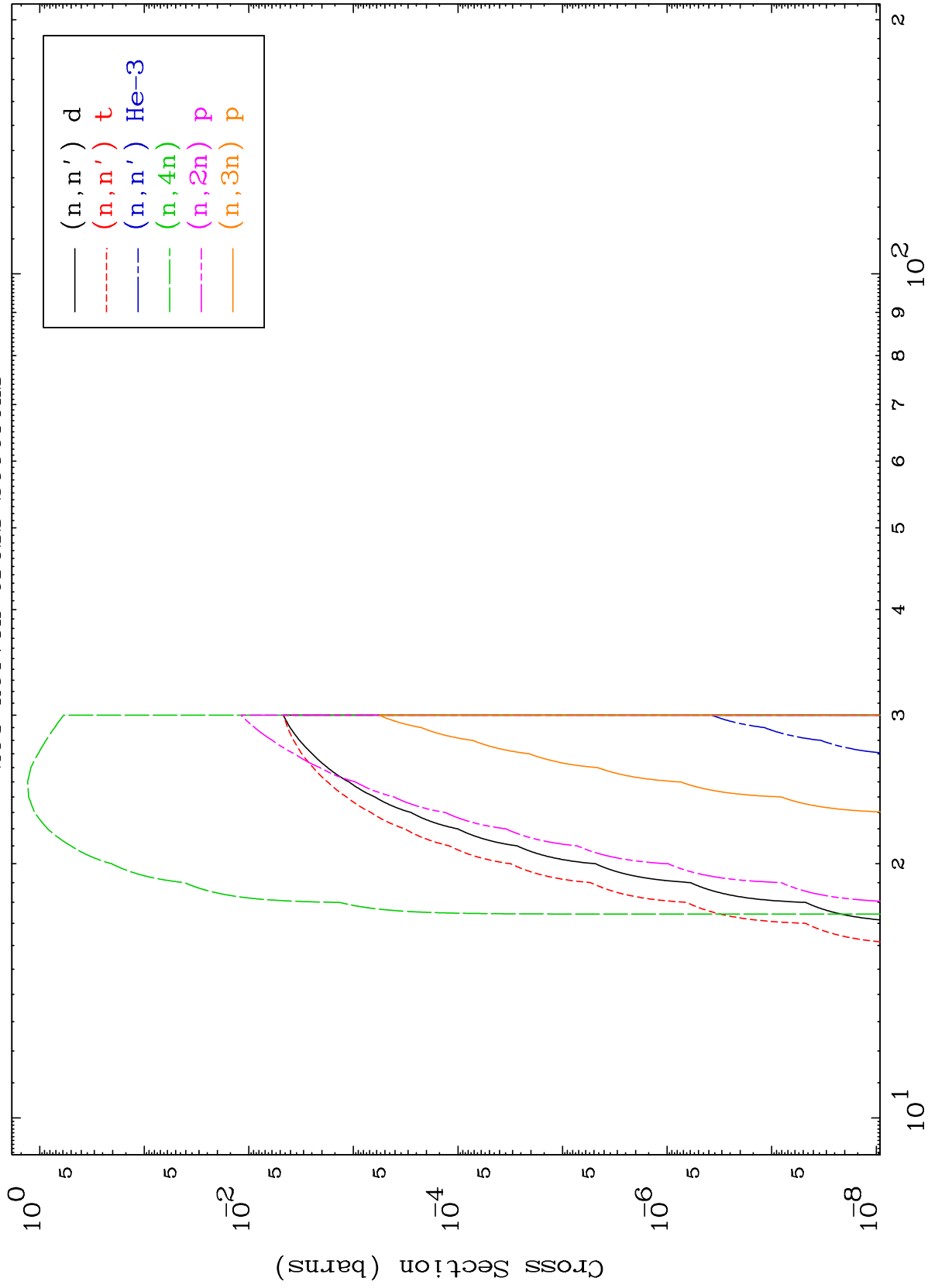
94-Pu-244



MAT 9452

Neutron Production
293 Kelvin Cross Sections

94-Pu-244



94-Pu-244

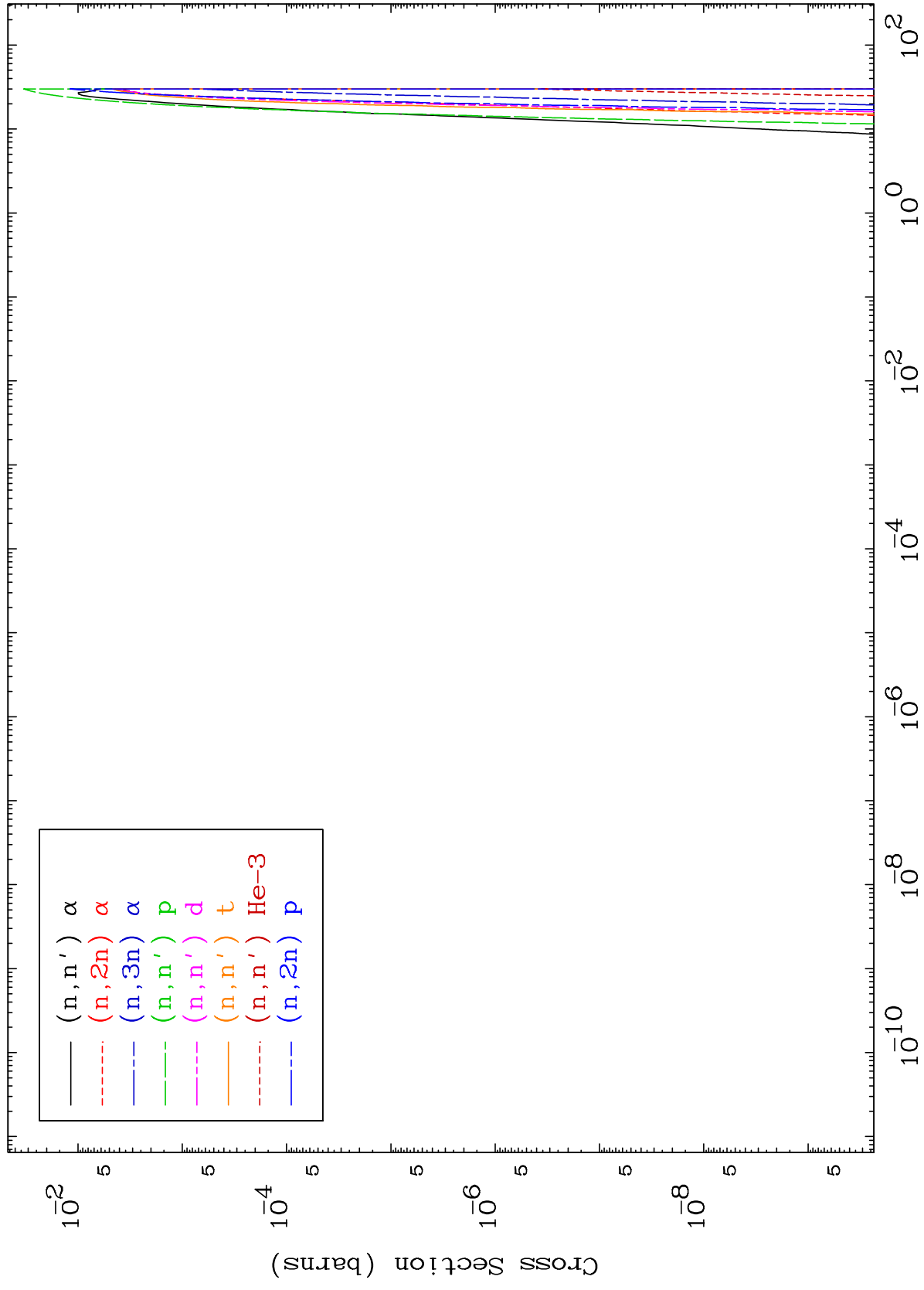
Incident Energy (MeV)

3

MAT 9452

293 Charged Particle
Kelvin Cross Sections

94-Pu-244

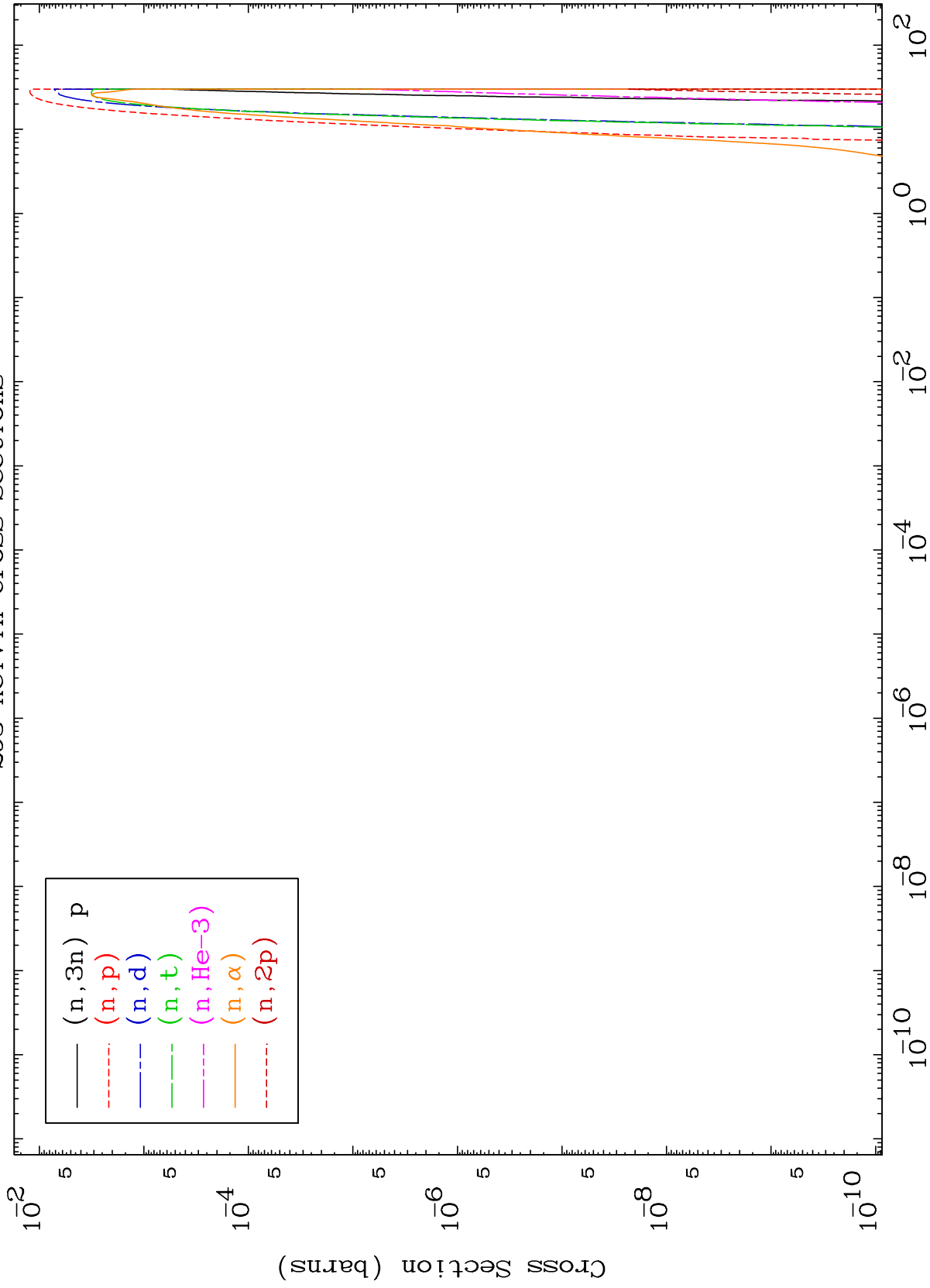


94-Pu-244

MAT 9452

293 Kelvin Cross Sections

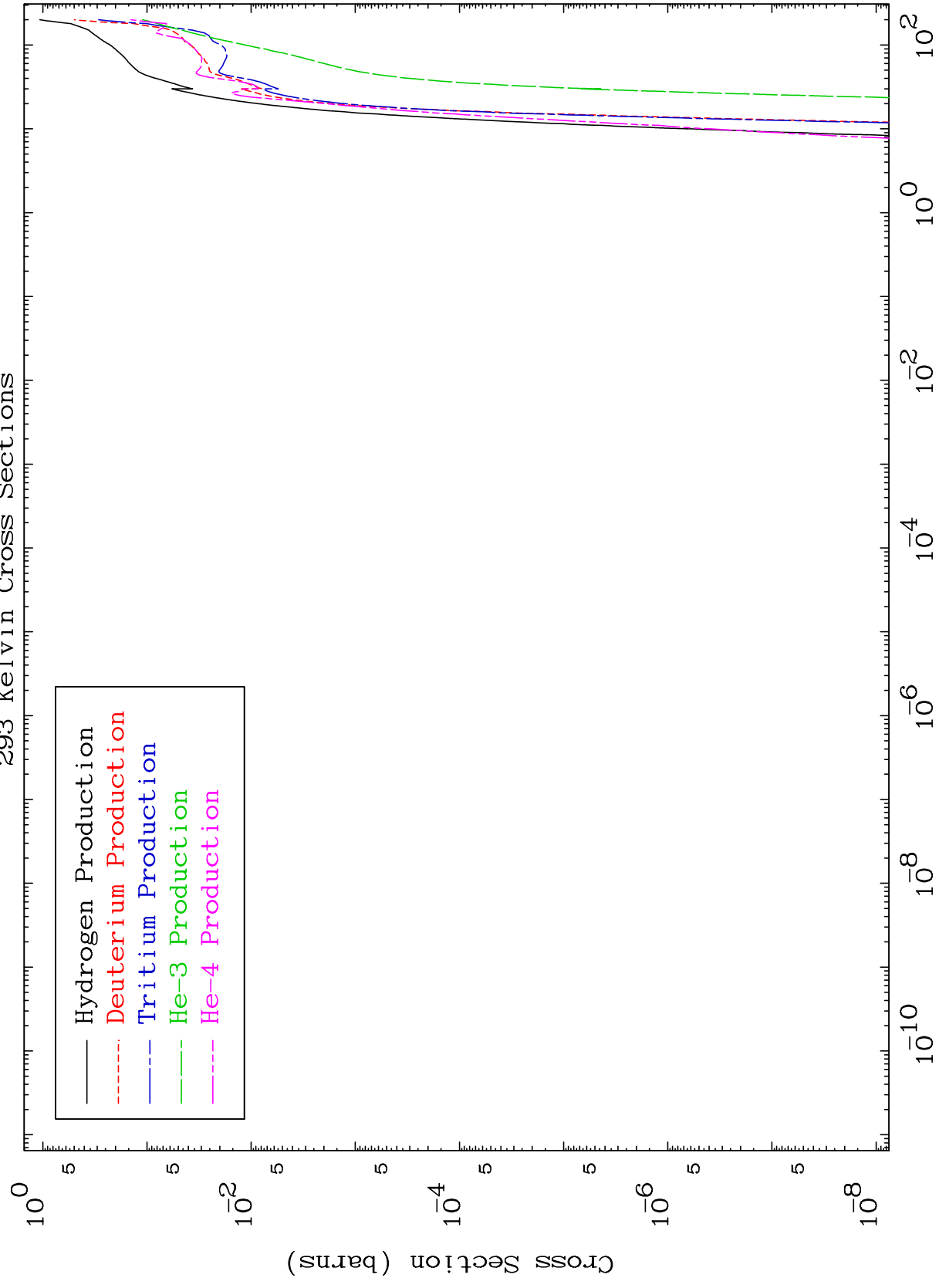
94-Pu-244



MAT 9452

Particle Production
293 Kelvin Cross Sections

94-Pu-244

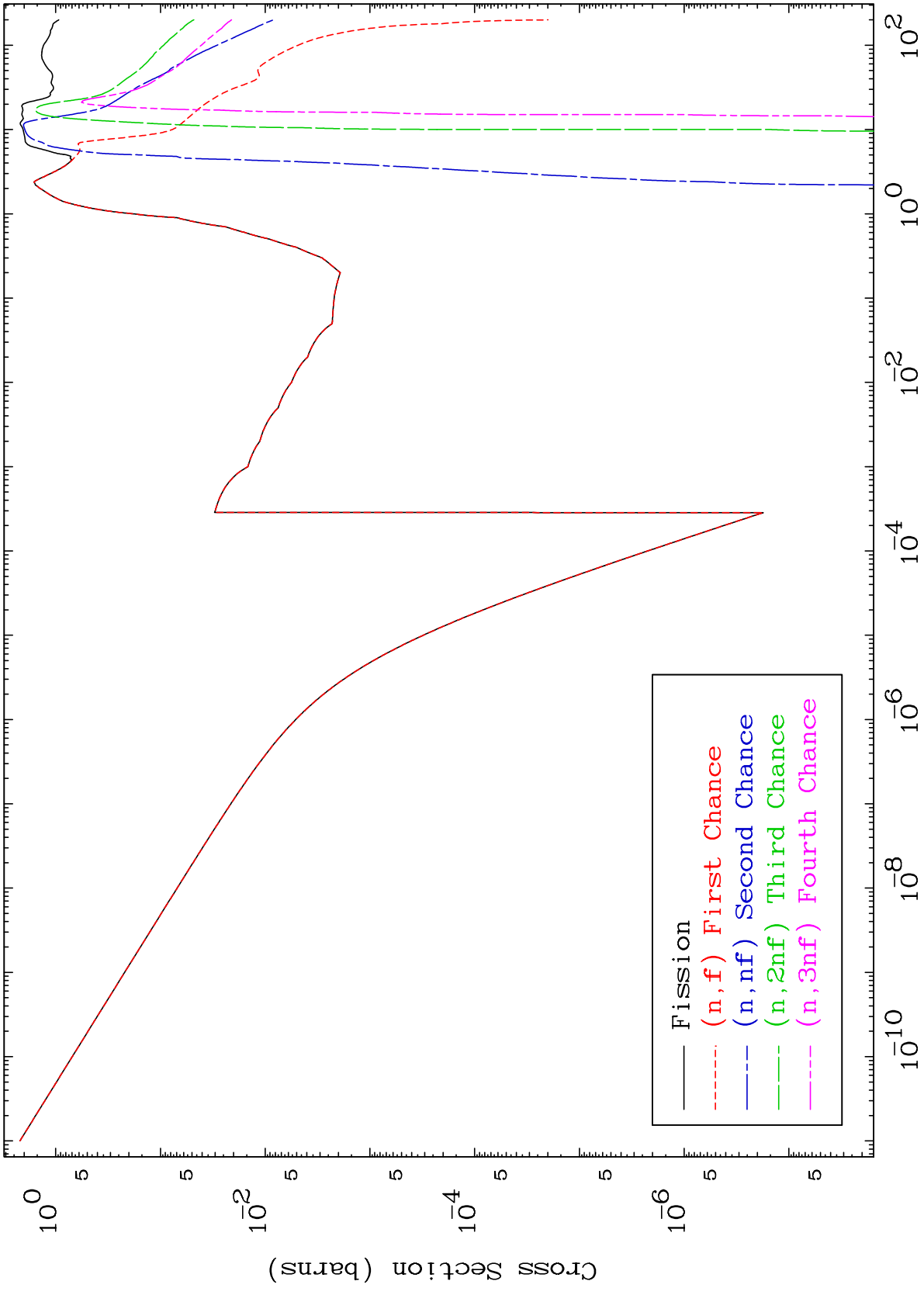


94-Pu-244

MAT 9452

Fission
293 Kelvin Cross Sections

94-Pu-244



94-Pu-244

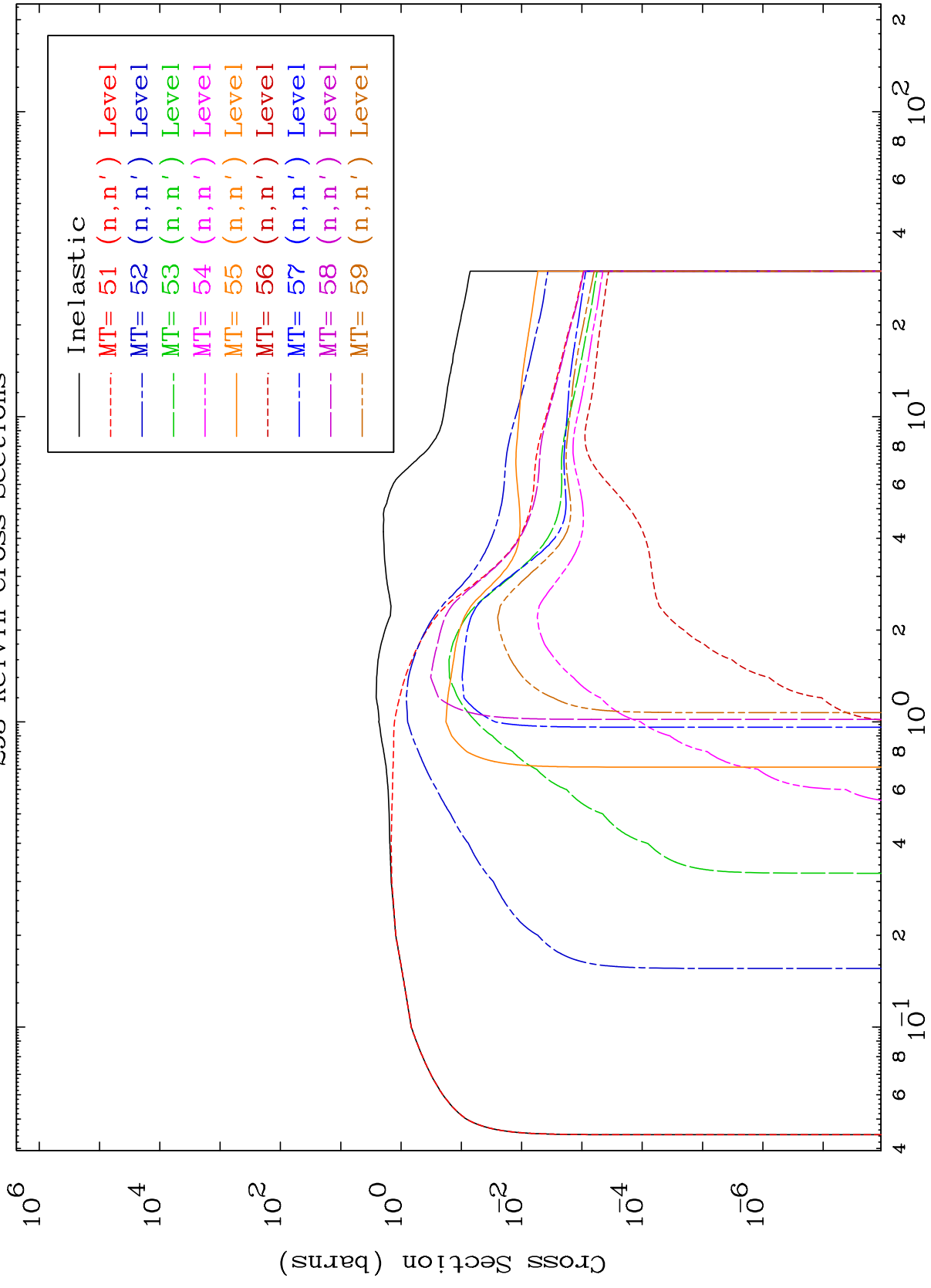
Incident Energy (MeV)

MAT 9452

(n,n') Level

94-Pu-244

293 Kelvin Cross Sections



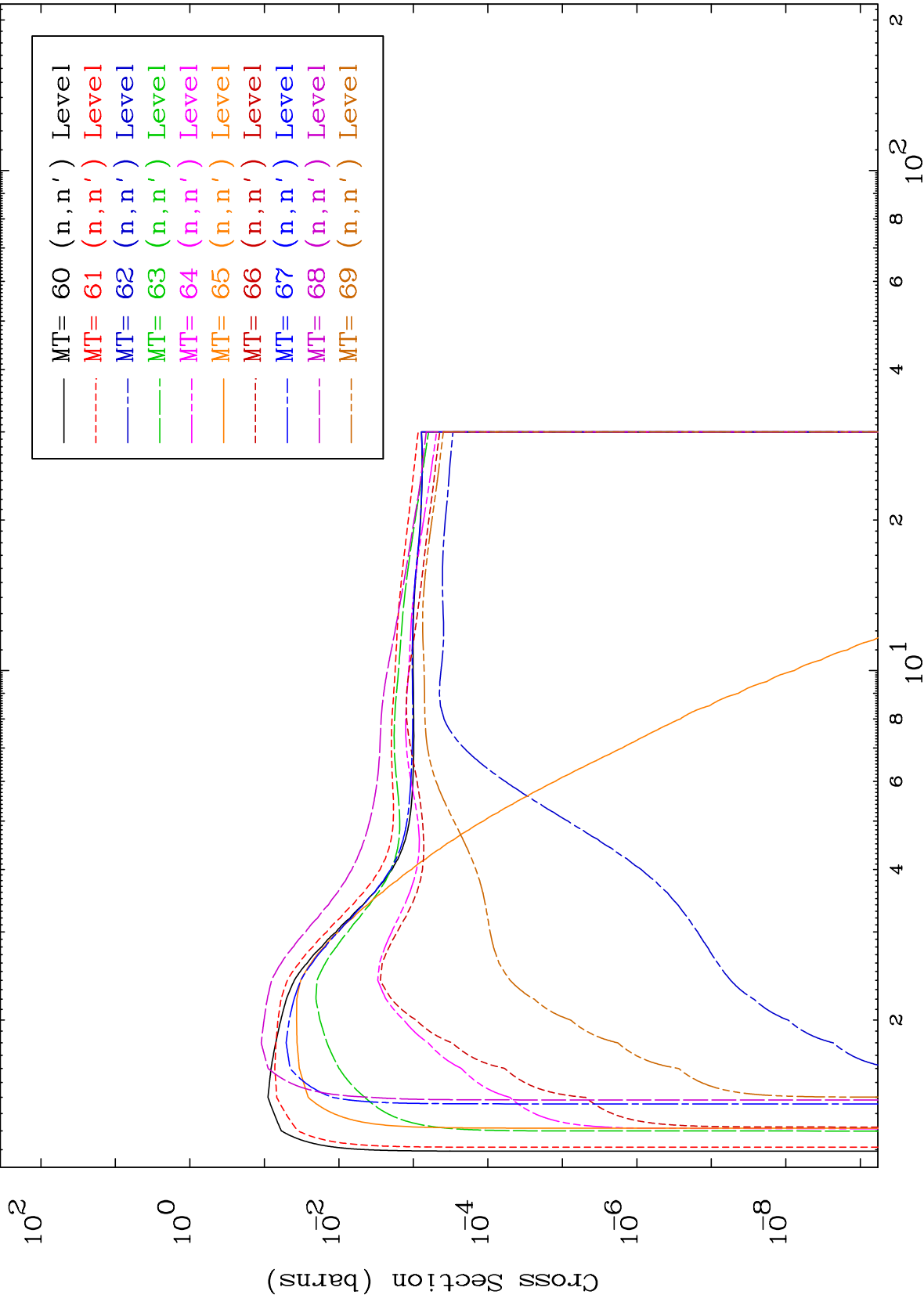
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,n') Level
293 Kelvin Cross Sections

94-Pu-244



9

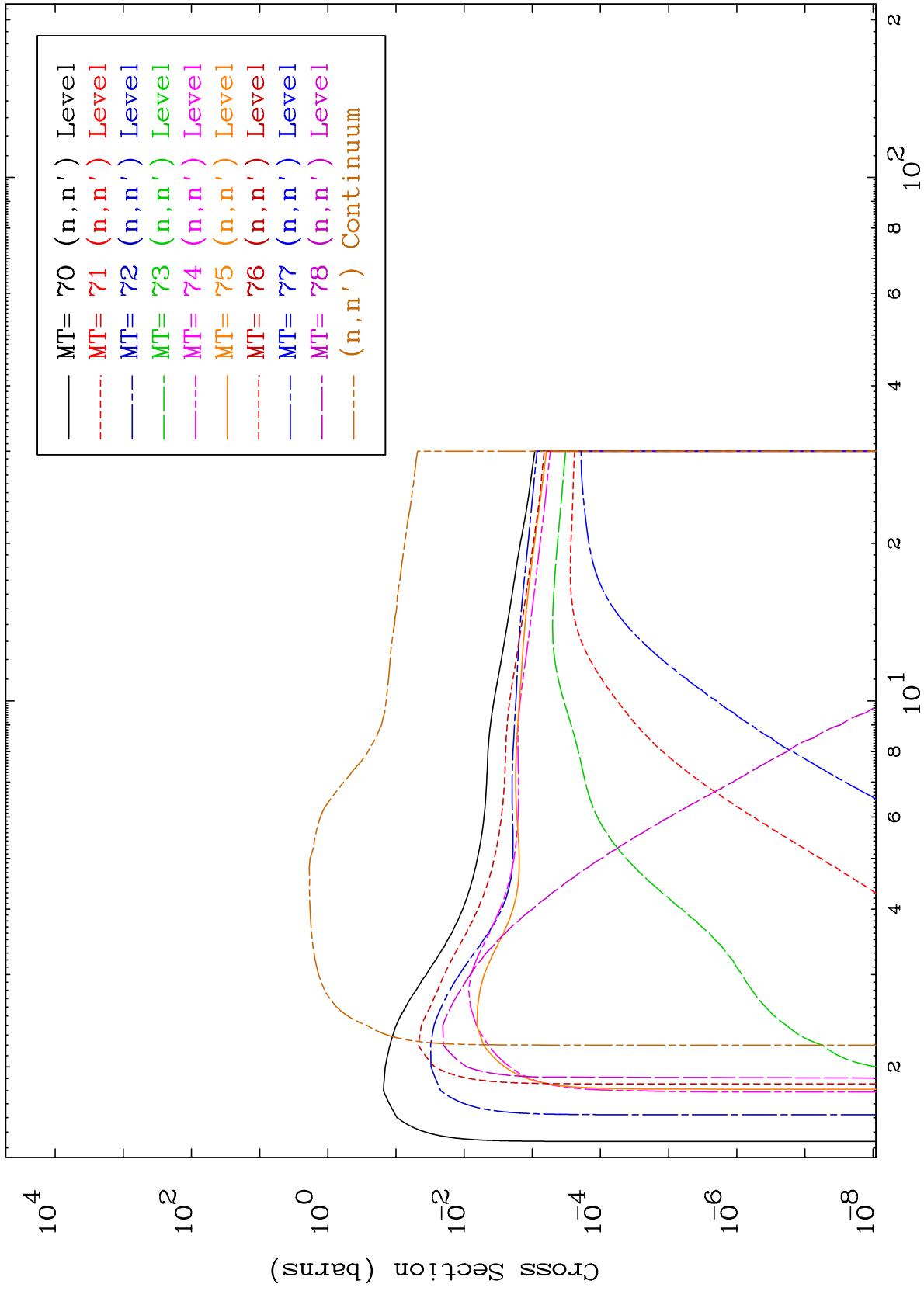
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,n') Level
293 Kelvin Cross Sections

94-Pu-244



10

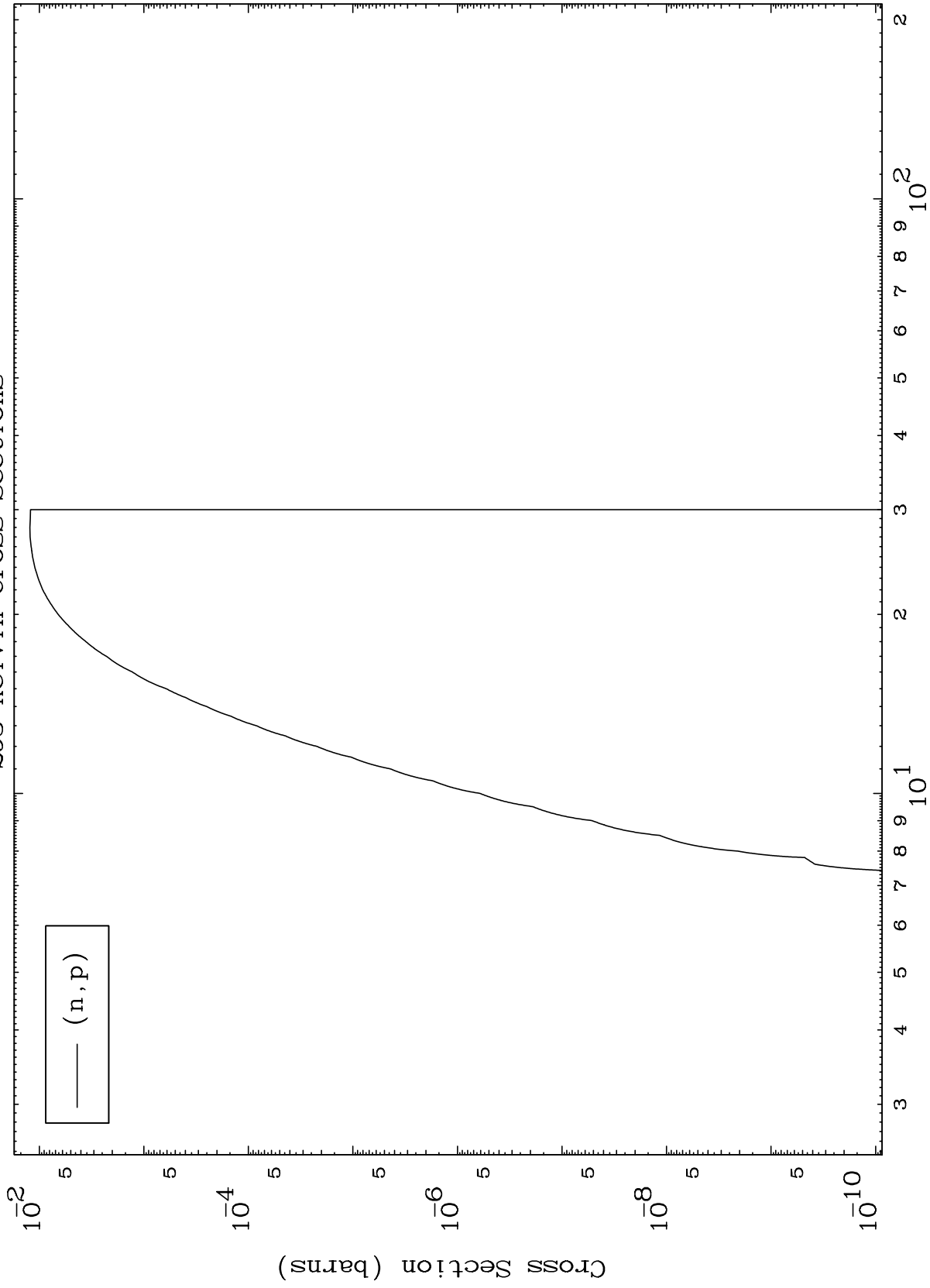
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,p) Levels
293 Kelvin Cross Sections

94-Pu-244



11

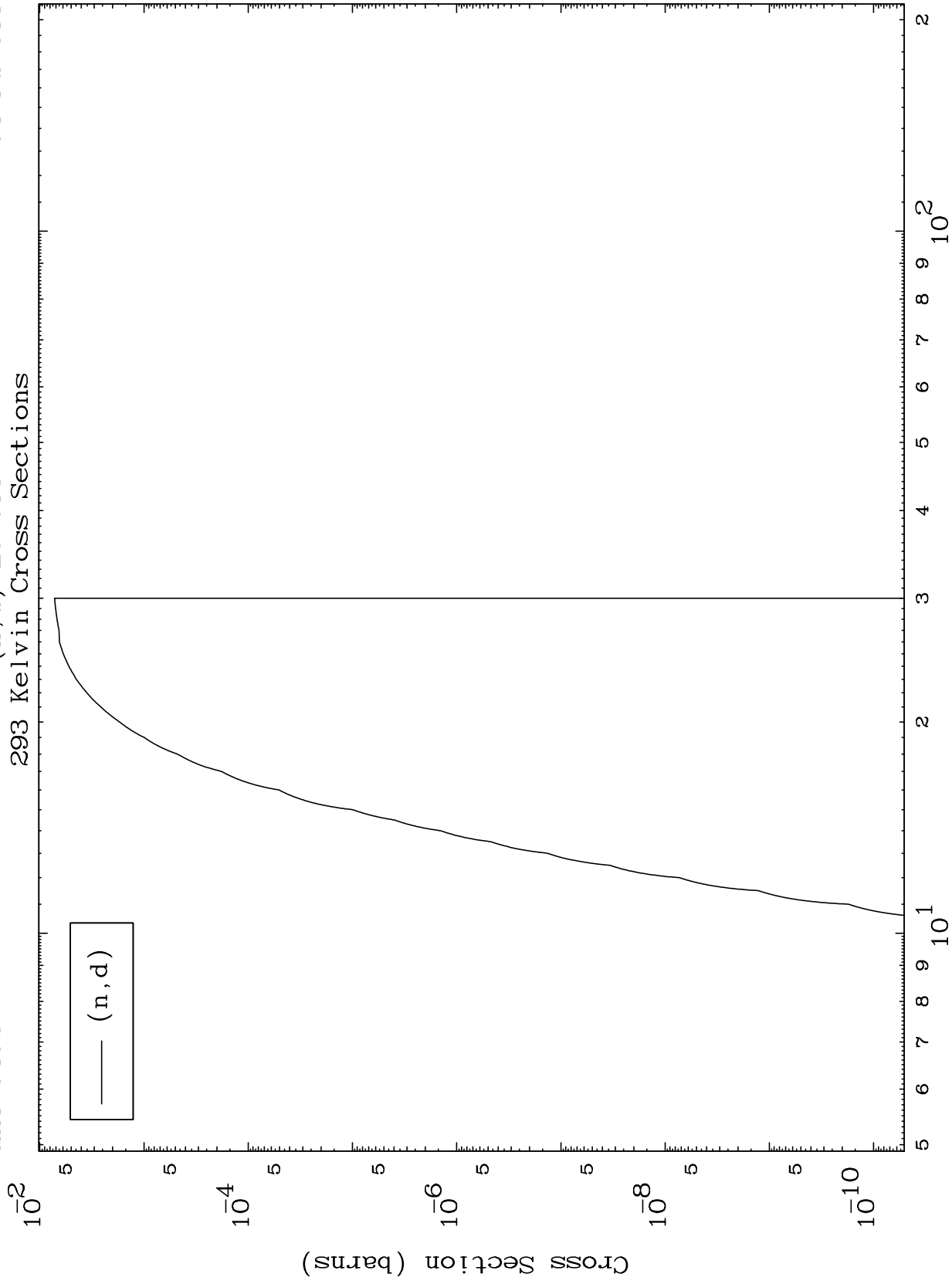
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,d) Levels
293 Kelvin Cross Sections

94-Pu-244



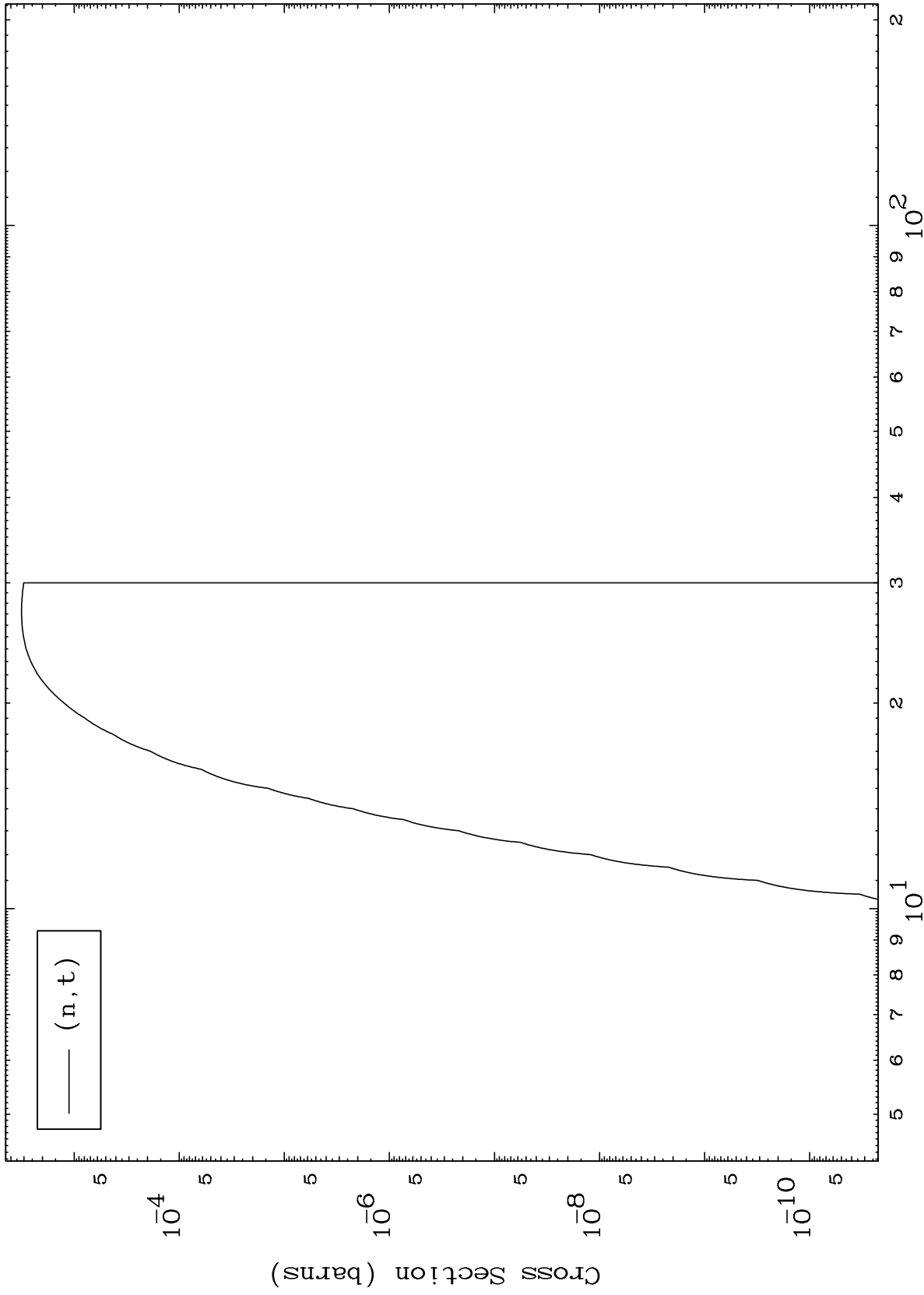
12

94-Pu-244

MAT 9452

(n,t) Levels
293 Kelvin Cross Sections

94-Pu-244



13

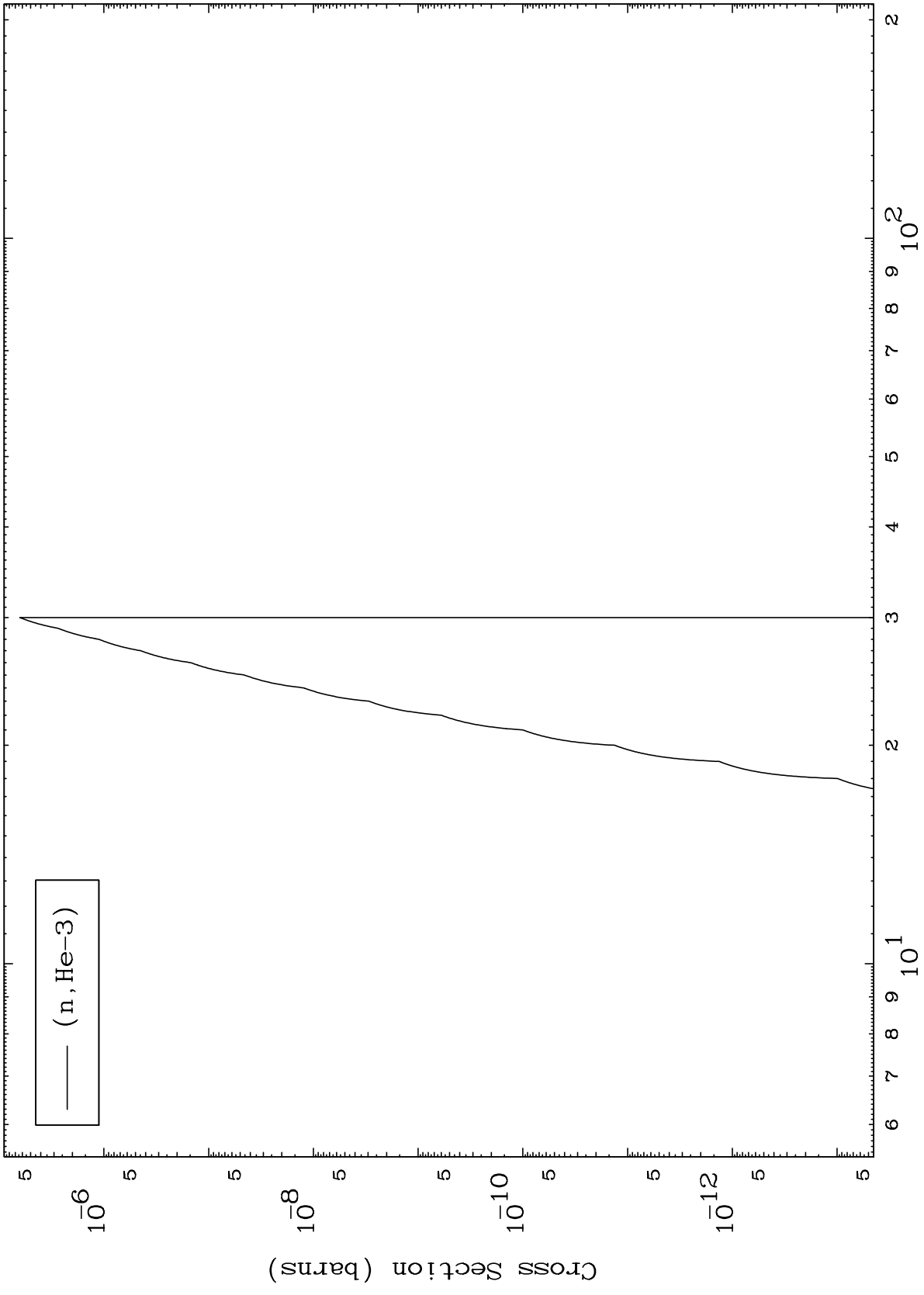
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,He3) Levels
293 Kelvin Cross Sections

94-Pu-244



14

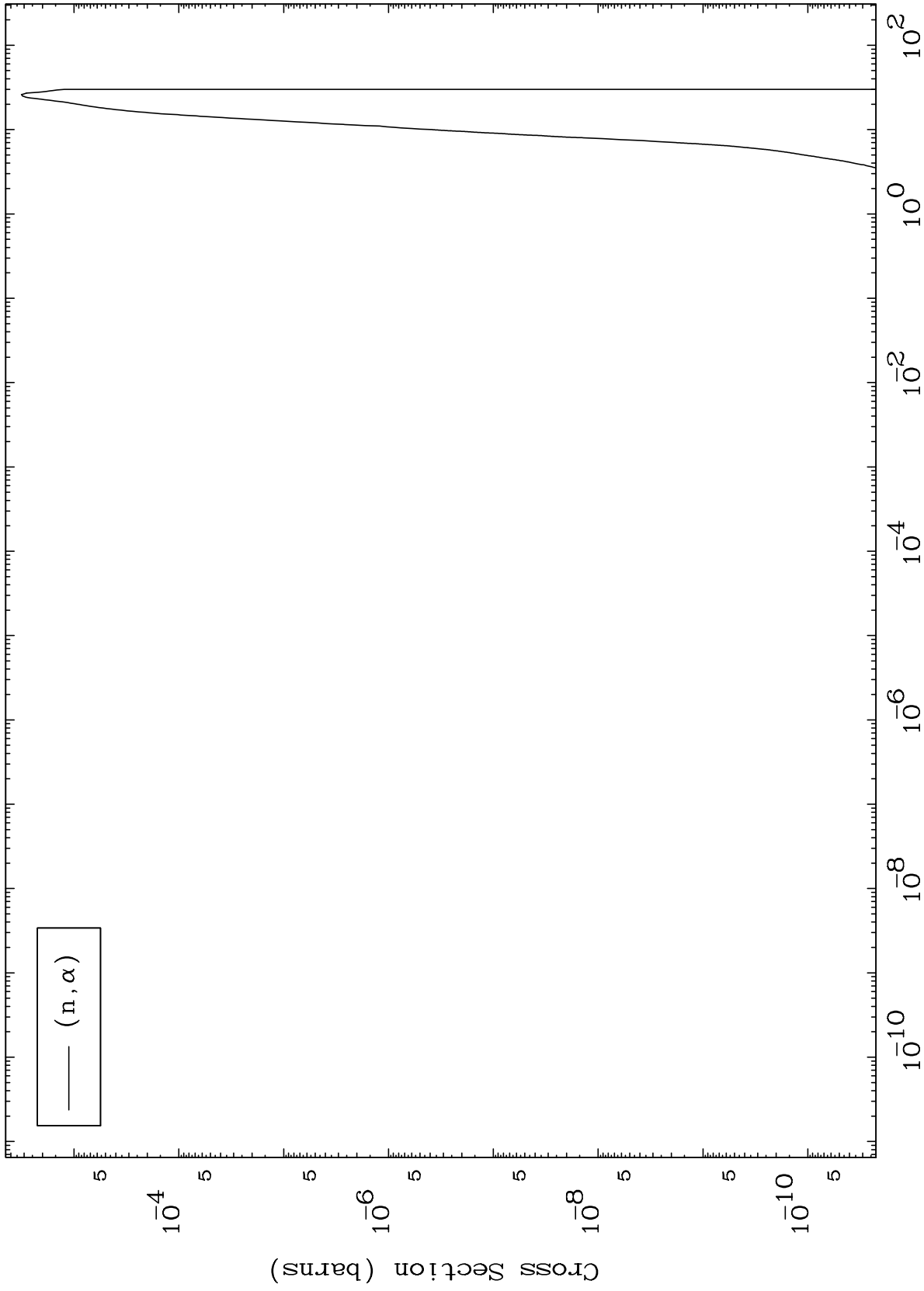
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,α) Levels
293 Kelvin Cross Sections

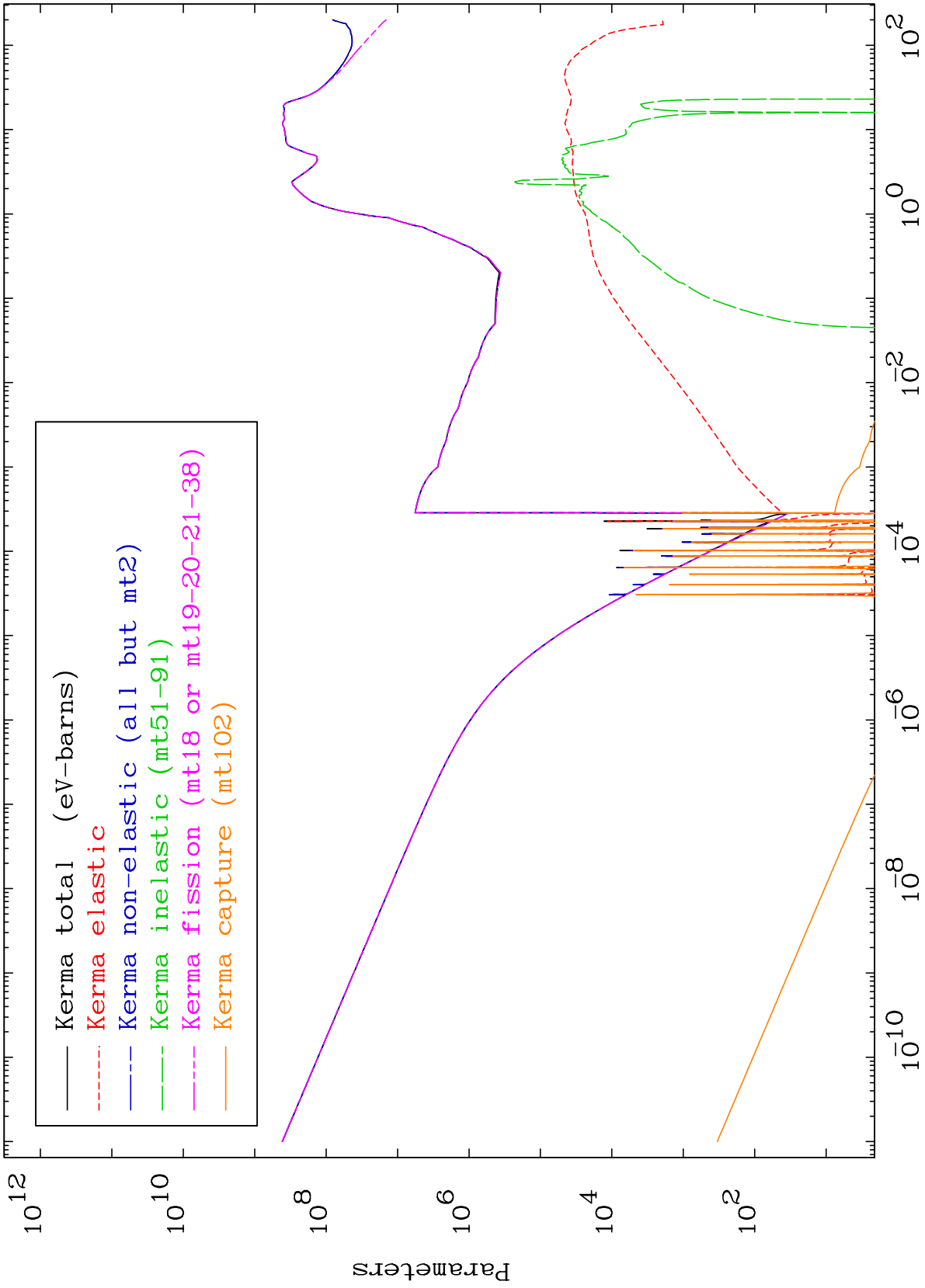
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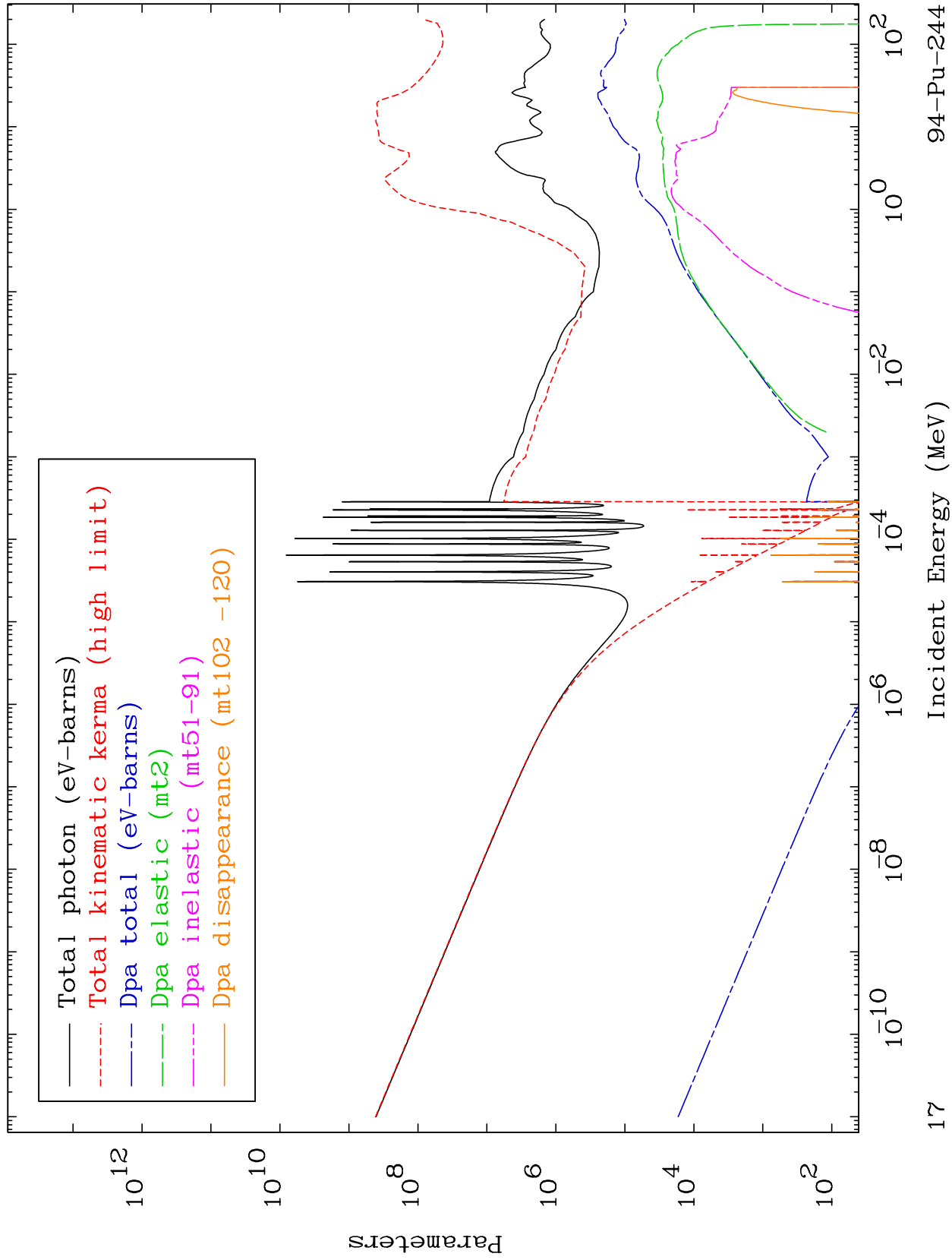


15

Incident Energy (MeV)

94-Pu-244

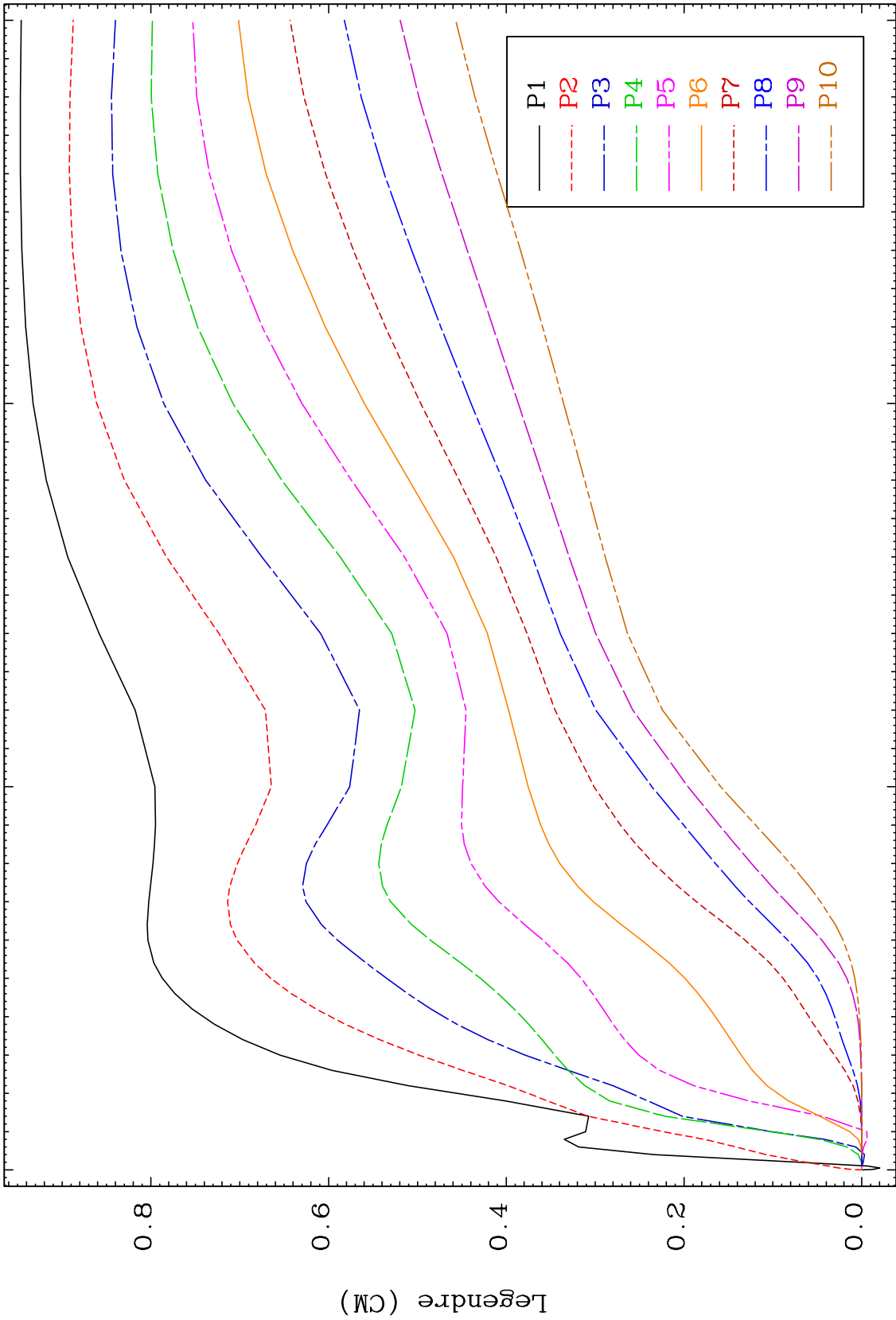




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Elastic Legendre Coefficients

94-Pu-244

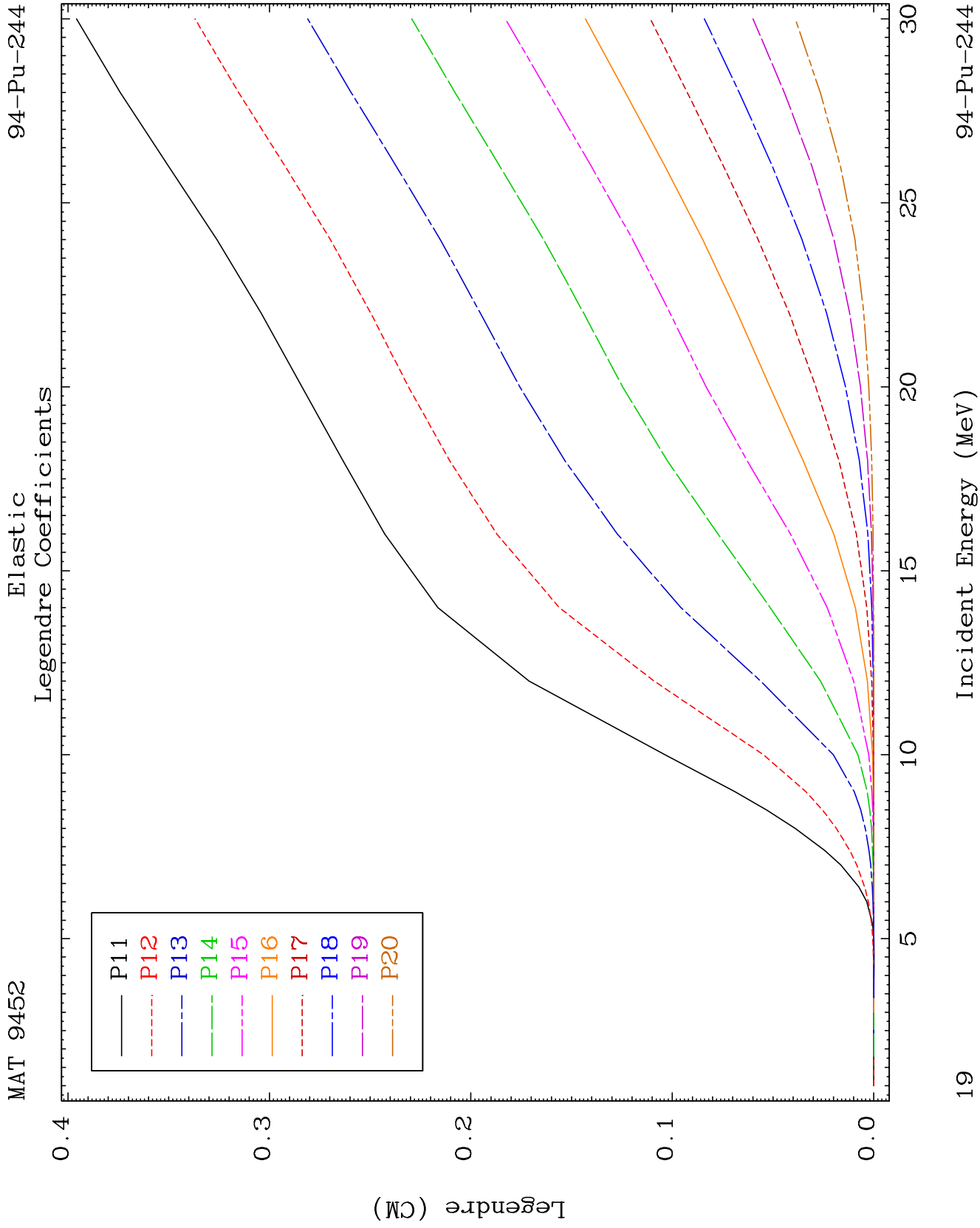


18

Incident Energy (MeV)

94-Pu-244

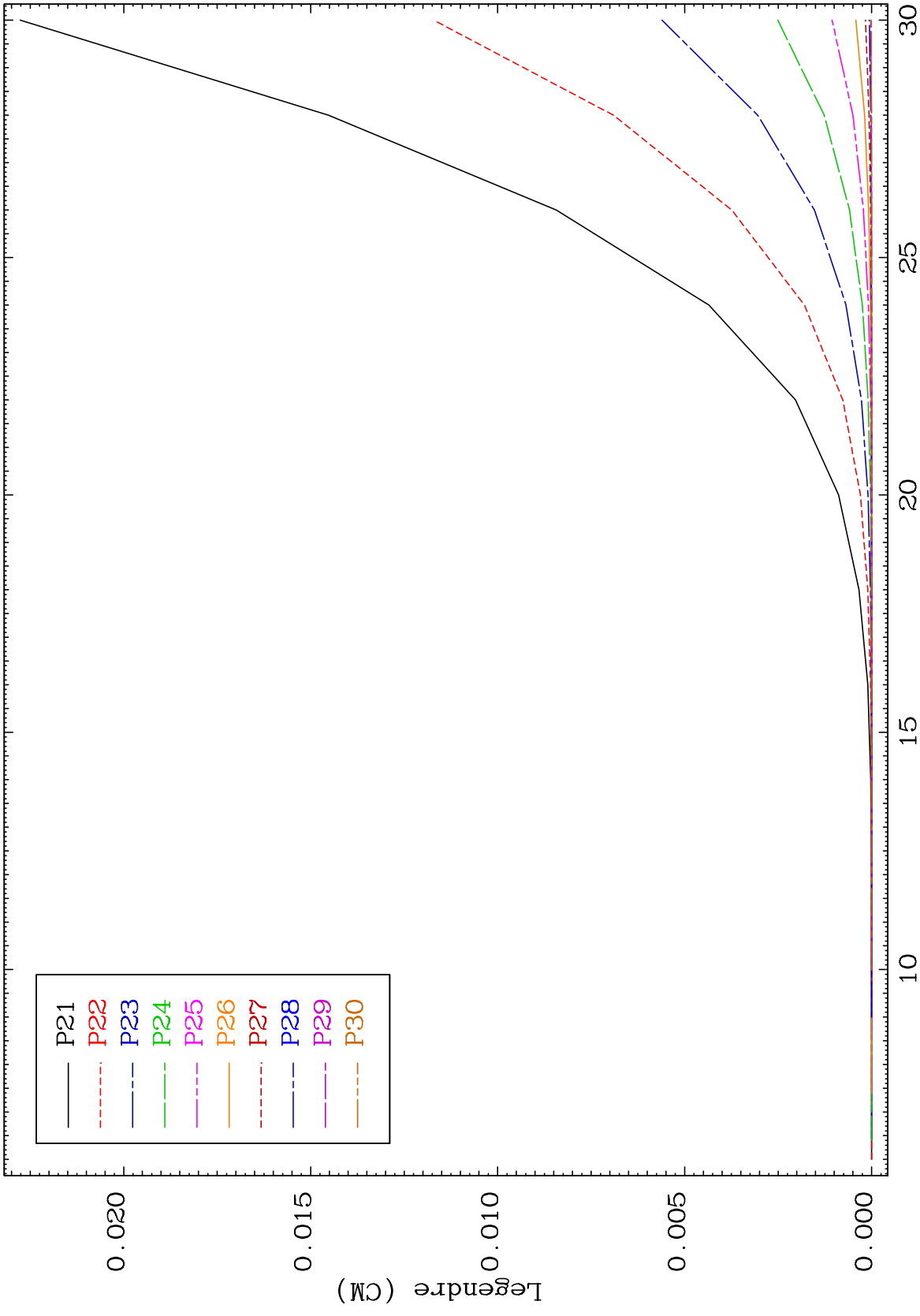
30



MAT 9452

Elastic Legendre Coefficients

94-Pu-244



94-Pu-244

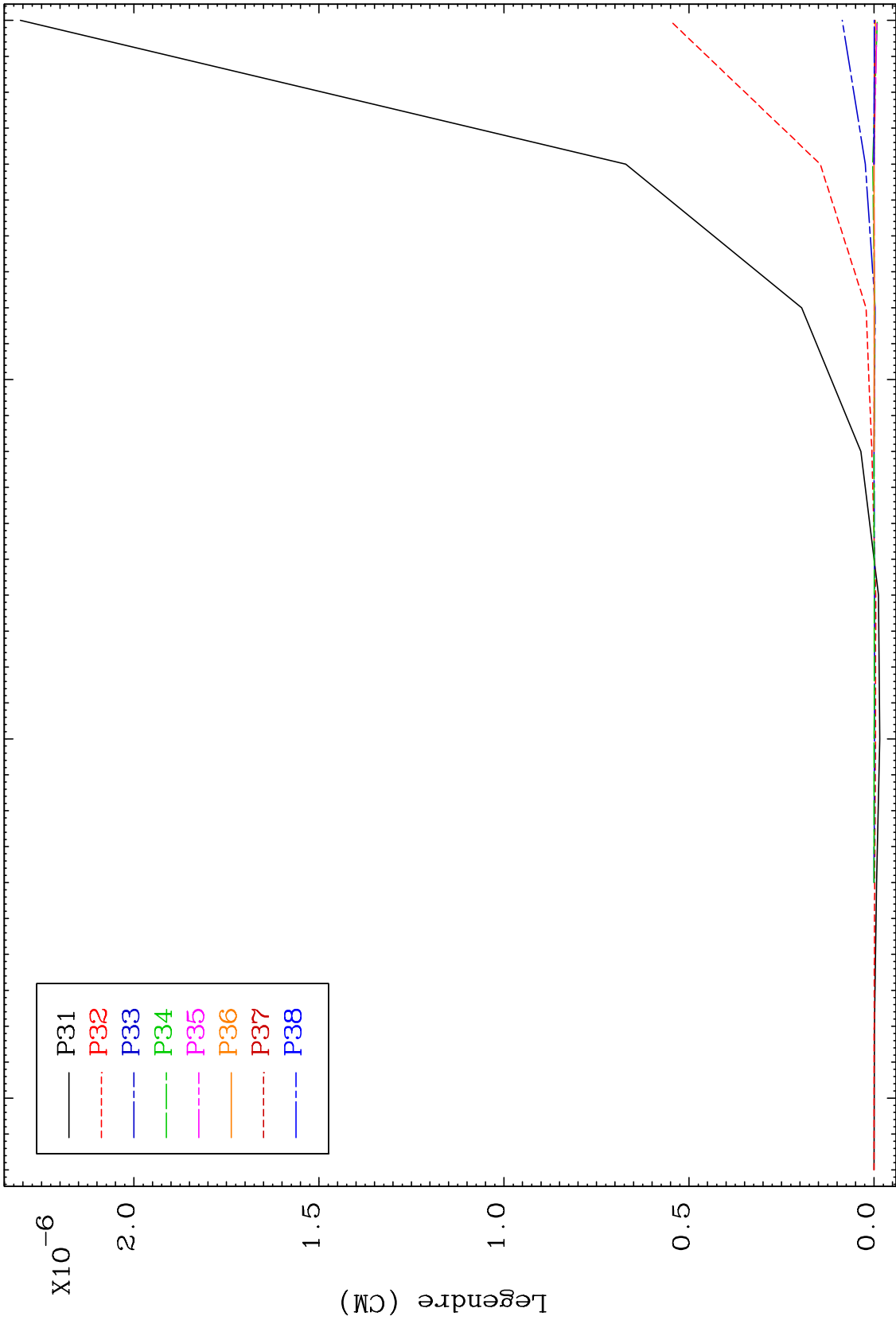
Incident Energy (MeV)

20

MAT 9452

Elastic Legendre Coefficients

94-Pu-244



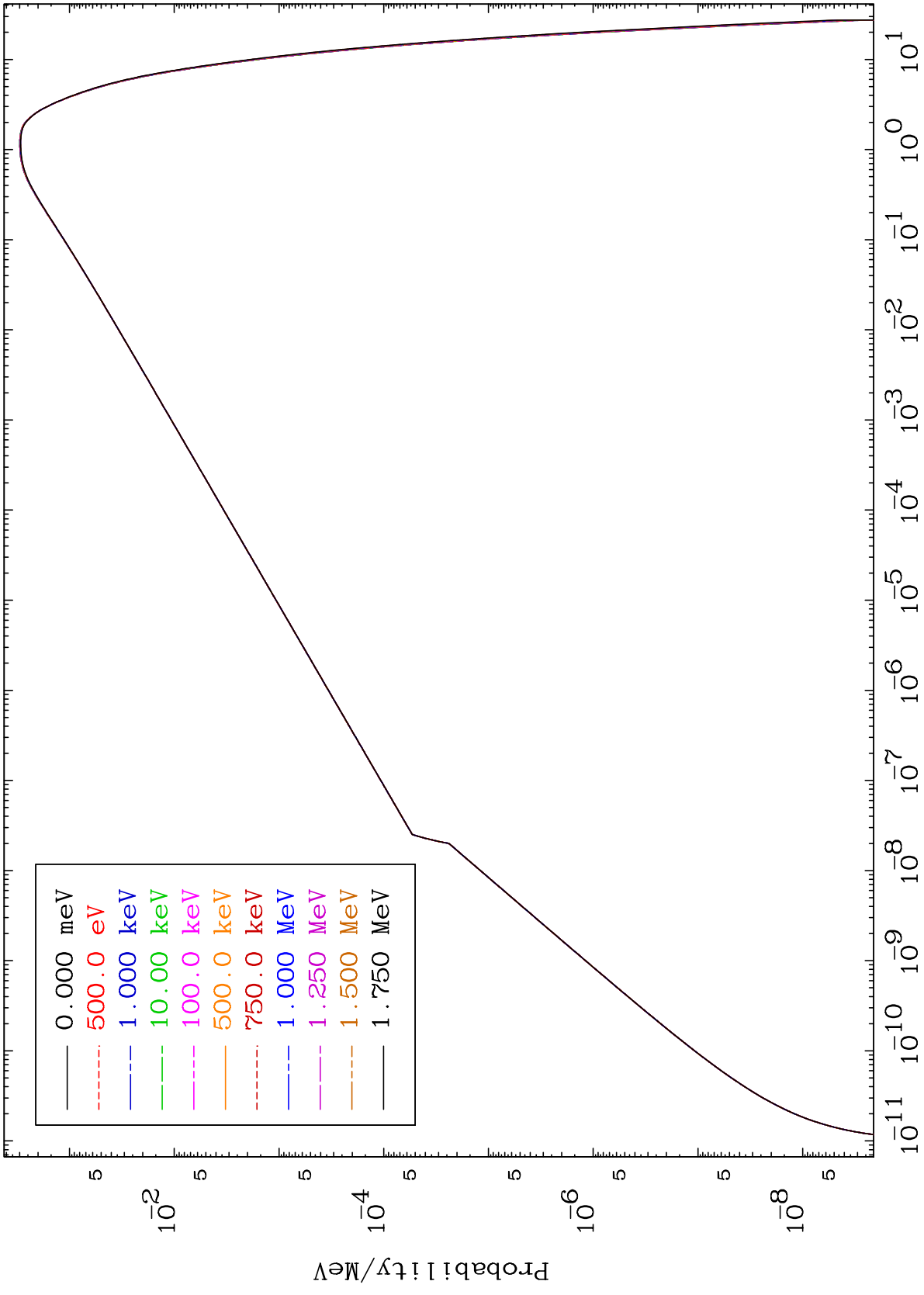
21

94-Pu-244

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Fission Energy Distribution

94-Pu-244



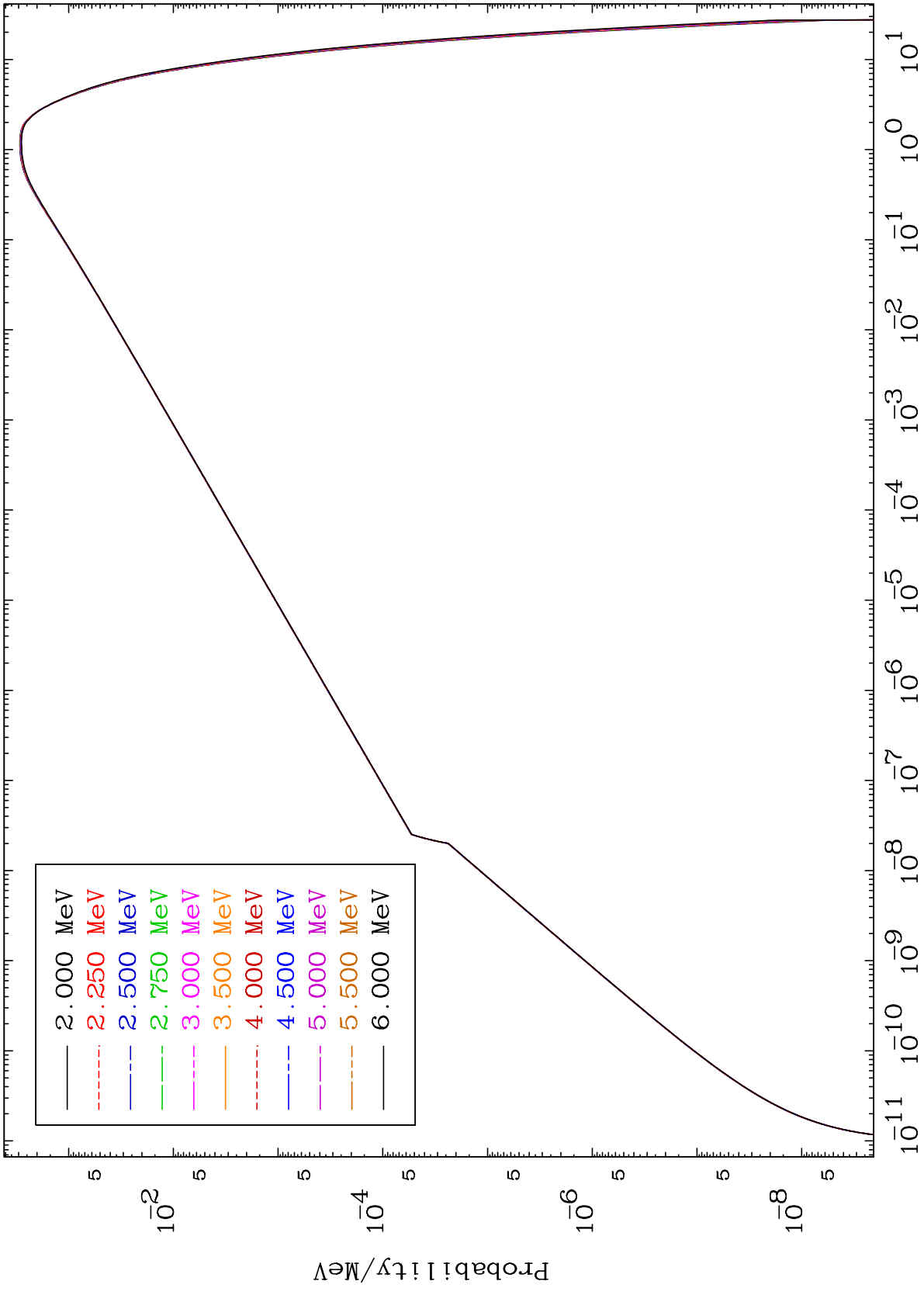
94-Pu-244

Secondary Energy (MeV)

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Fission Energy Distribution

94-Pu-244

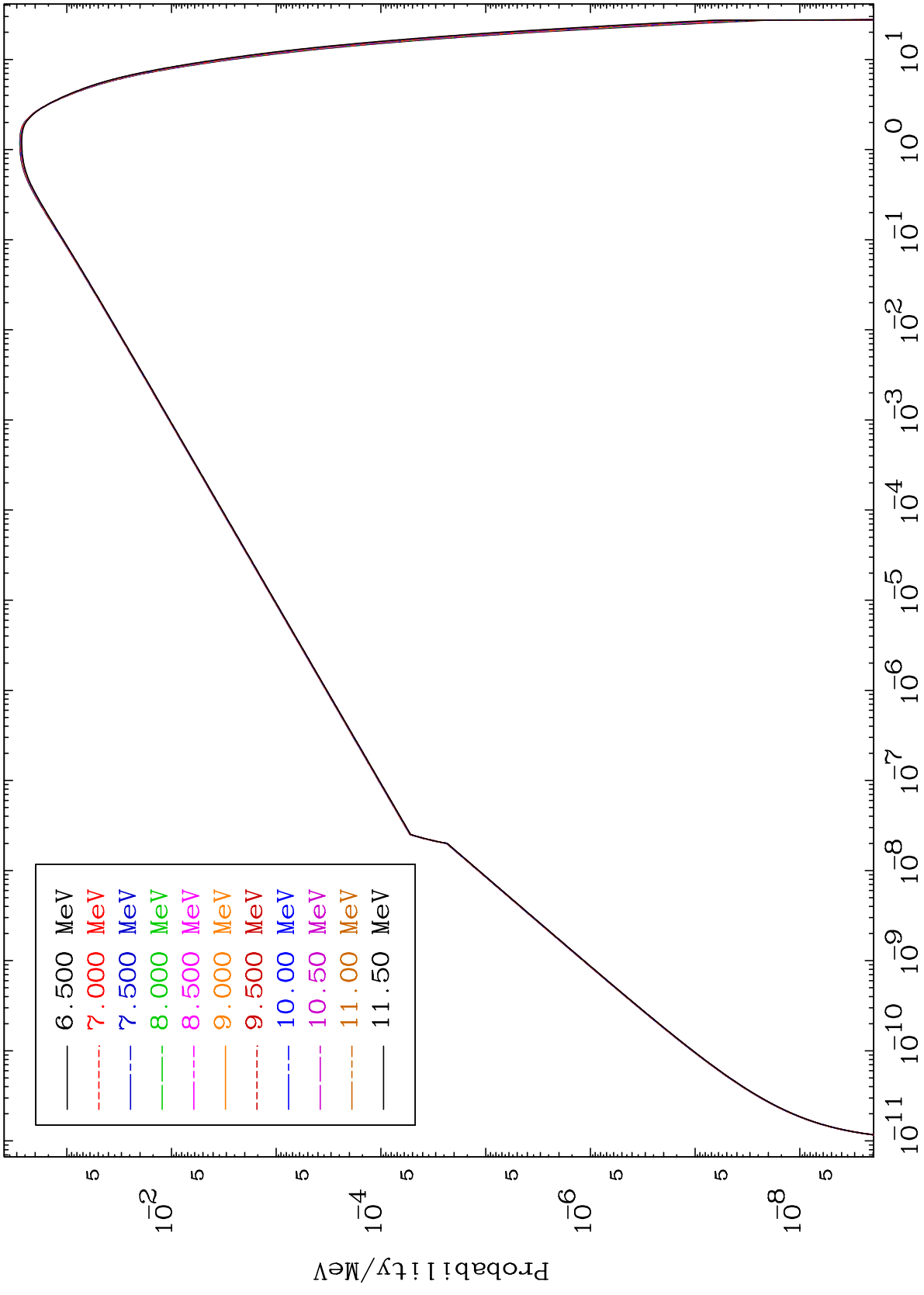


94-Pu-244

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Fission Energy Distribution

94-Pu-244



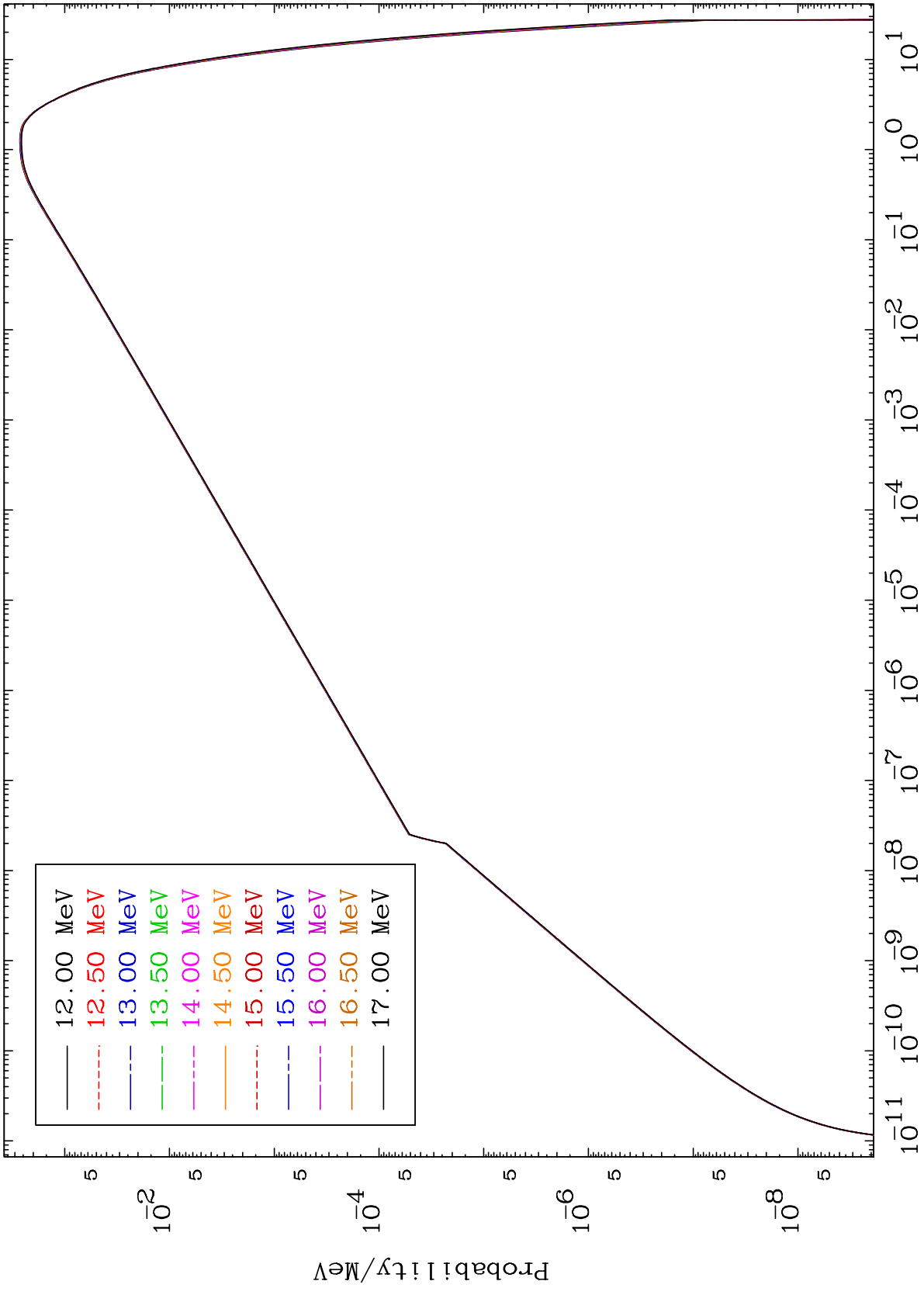
24

94-Pu-244

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Fission Energy Distribution

94-Pu-244



—	12.00 MeV
- - -	12.50 MeV
- . - .	13.00 MeV
- - -	13.50 MeV
- . - .	14.00 MeV
- - -	14.50 MeV
- . - .	15.00 MeV
- - -	15.50 MeV
- . - .	16.00 MeV
- - -	16.50 MeV
- . - .	17.00 MeV

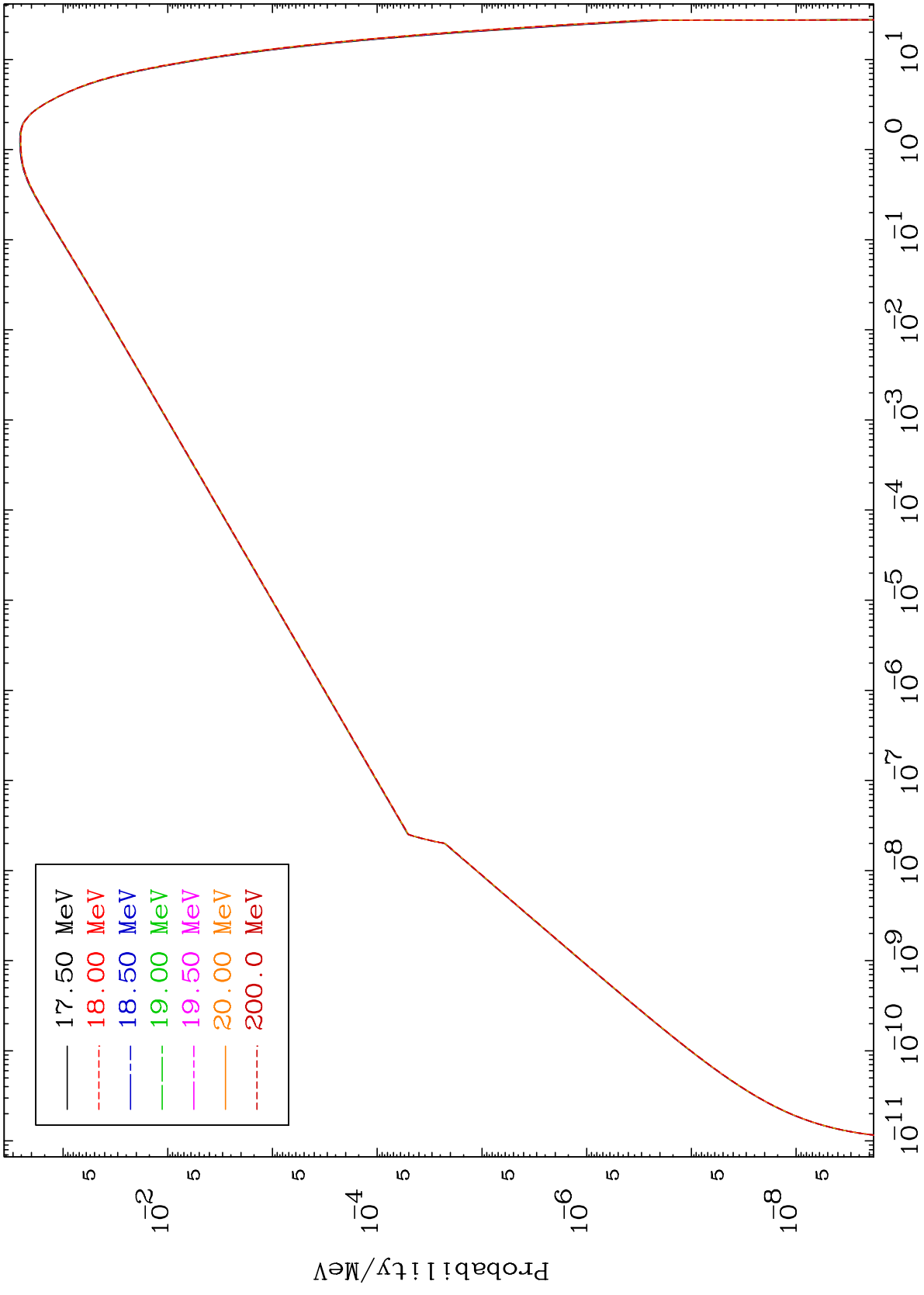
94-Pu-244

Secondary Energy (MeV)

MAT 9452

Fission Energy Distribution

94-Pu-244



- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

94-Pu-244

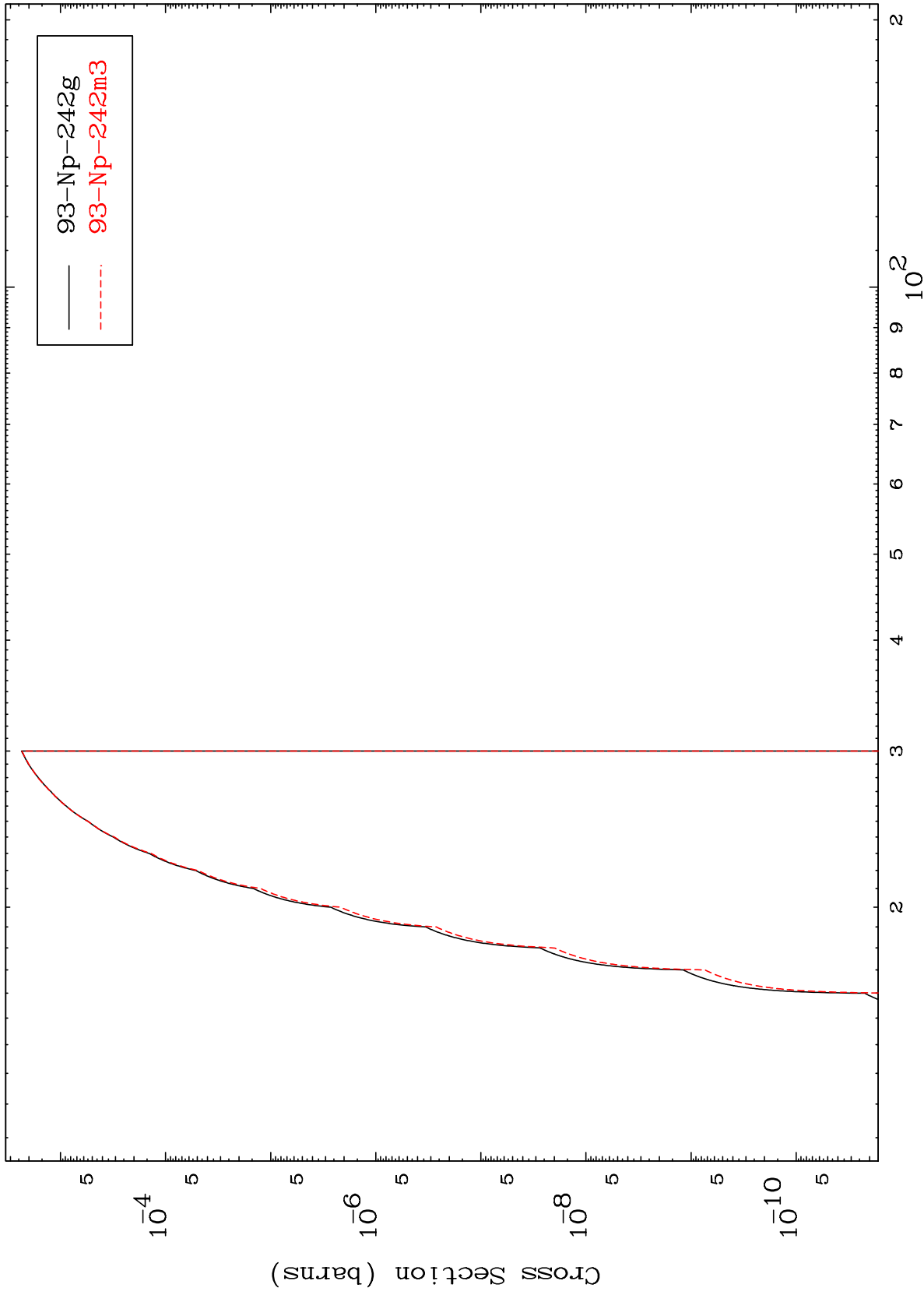
Secondary Energy (MeV)

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(n, n') d

94-Pu-244

Radionuclide Production Cross Section



27

Incident Energy (MeV)

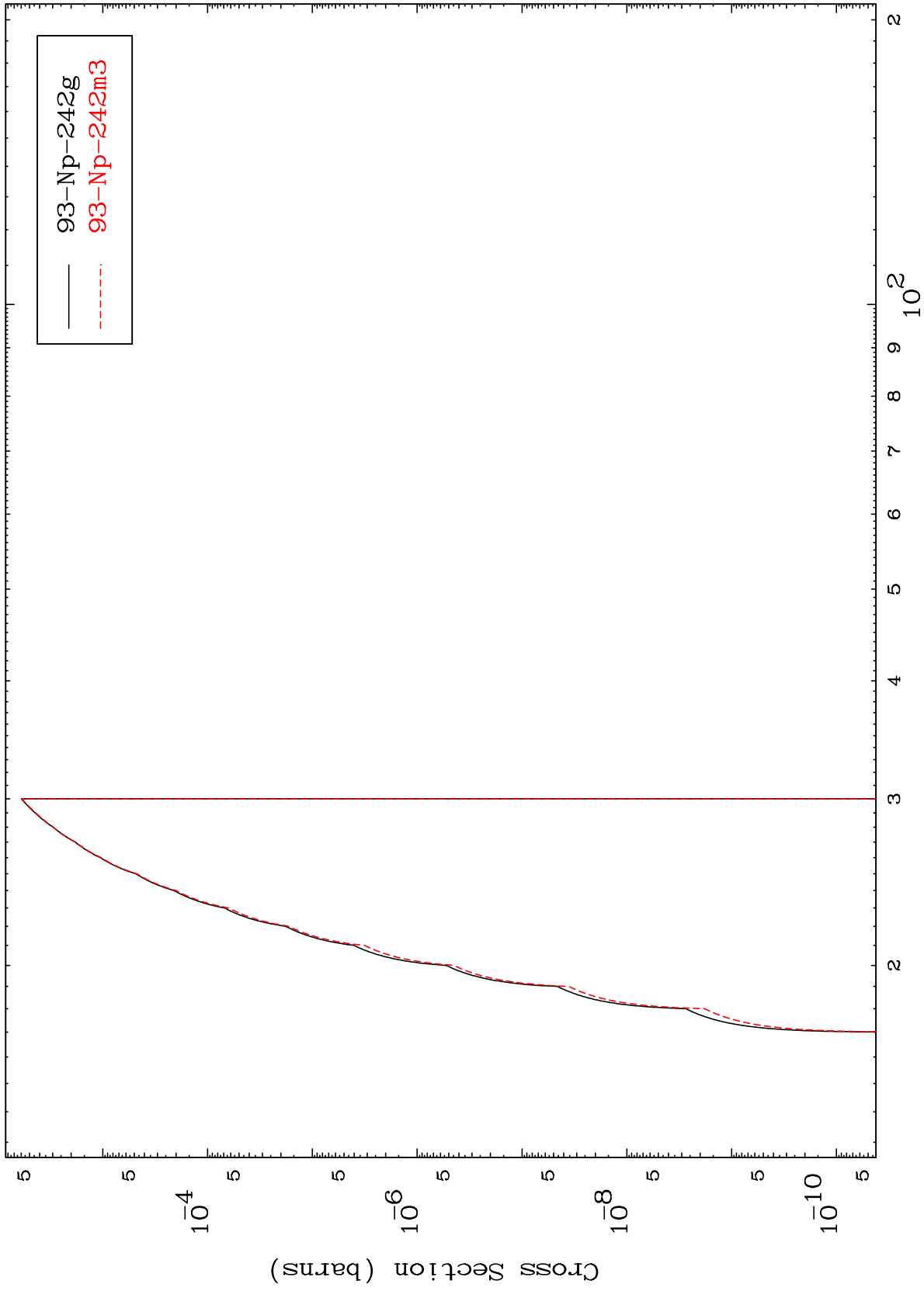
94-Pu-244

MAT 9452

(n,2n) p

94-Pu-244

Radionuclide Production Cross Section



28

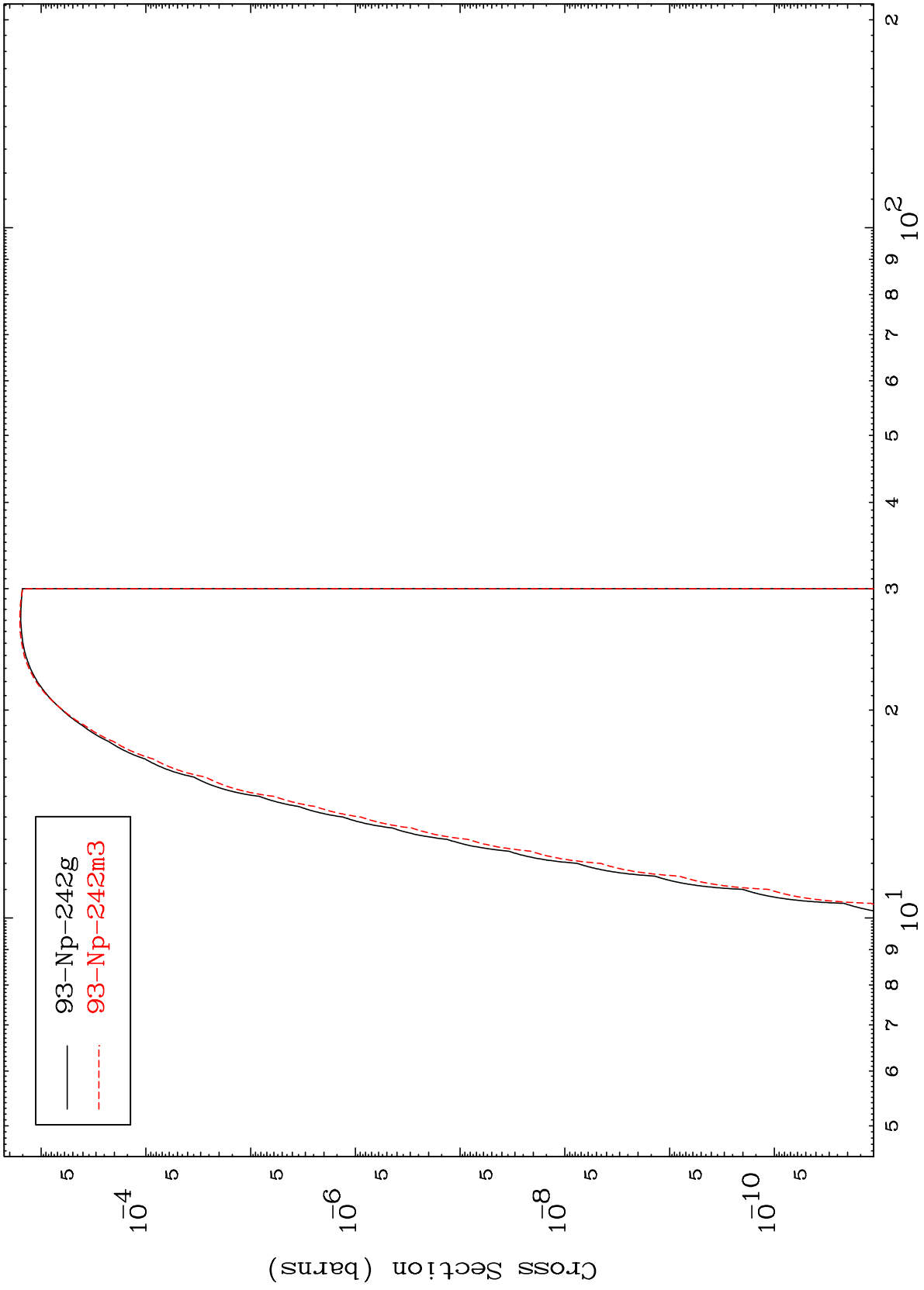
Incident Energy (MeV)

94-Pu-244

MAT 9452

94-Pu-244

(n, t)
Radionuclide Production Cross Section



29

94-Pu-244