

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

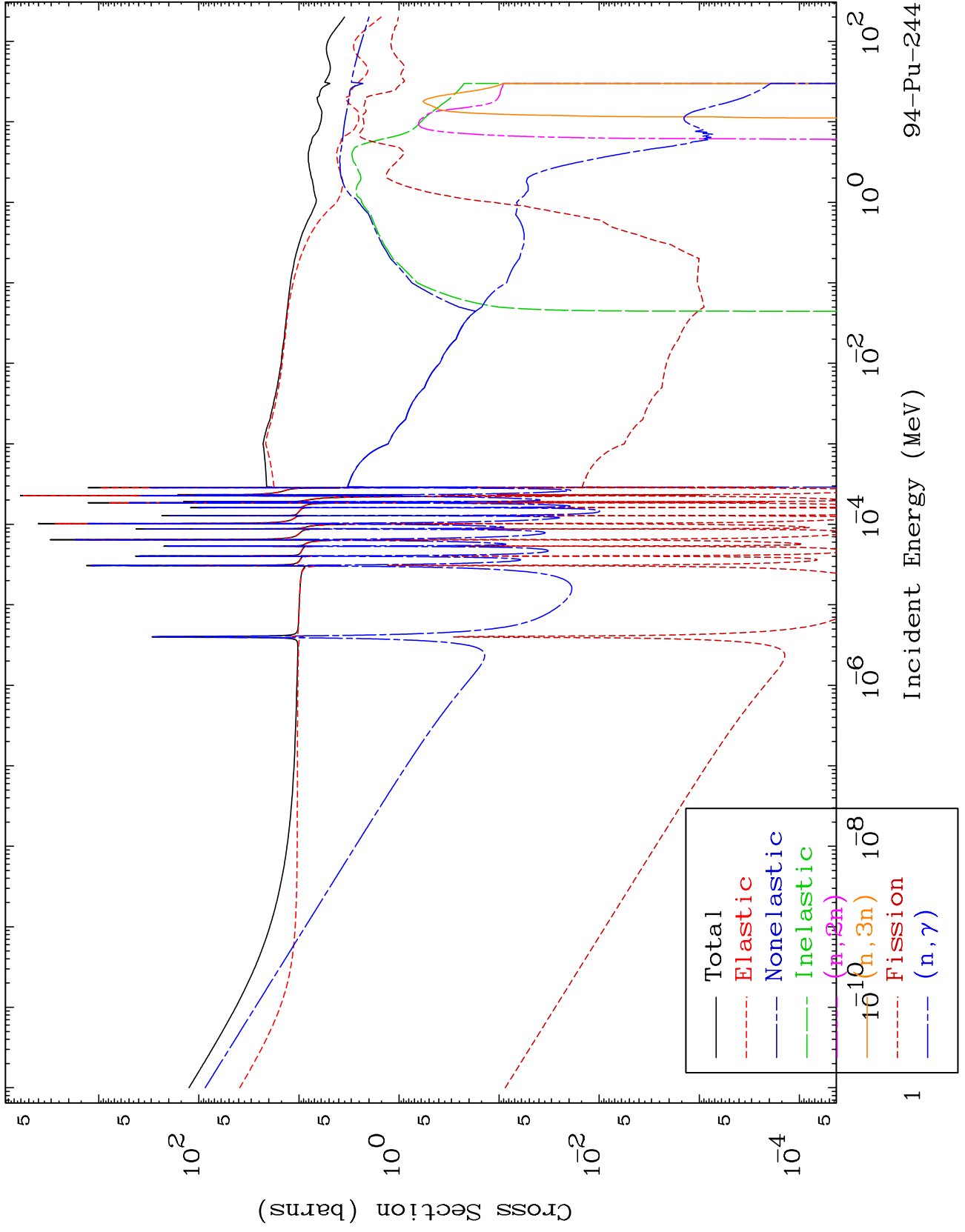
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452

Neutron Major
293 Kelvin Cross Sections

94-Pu-244

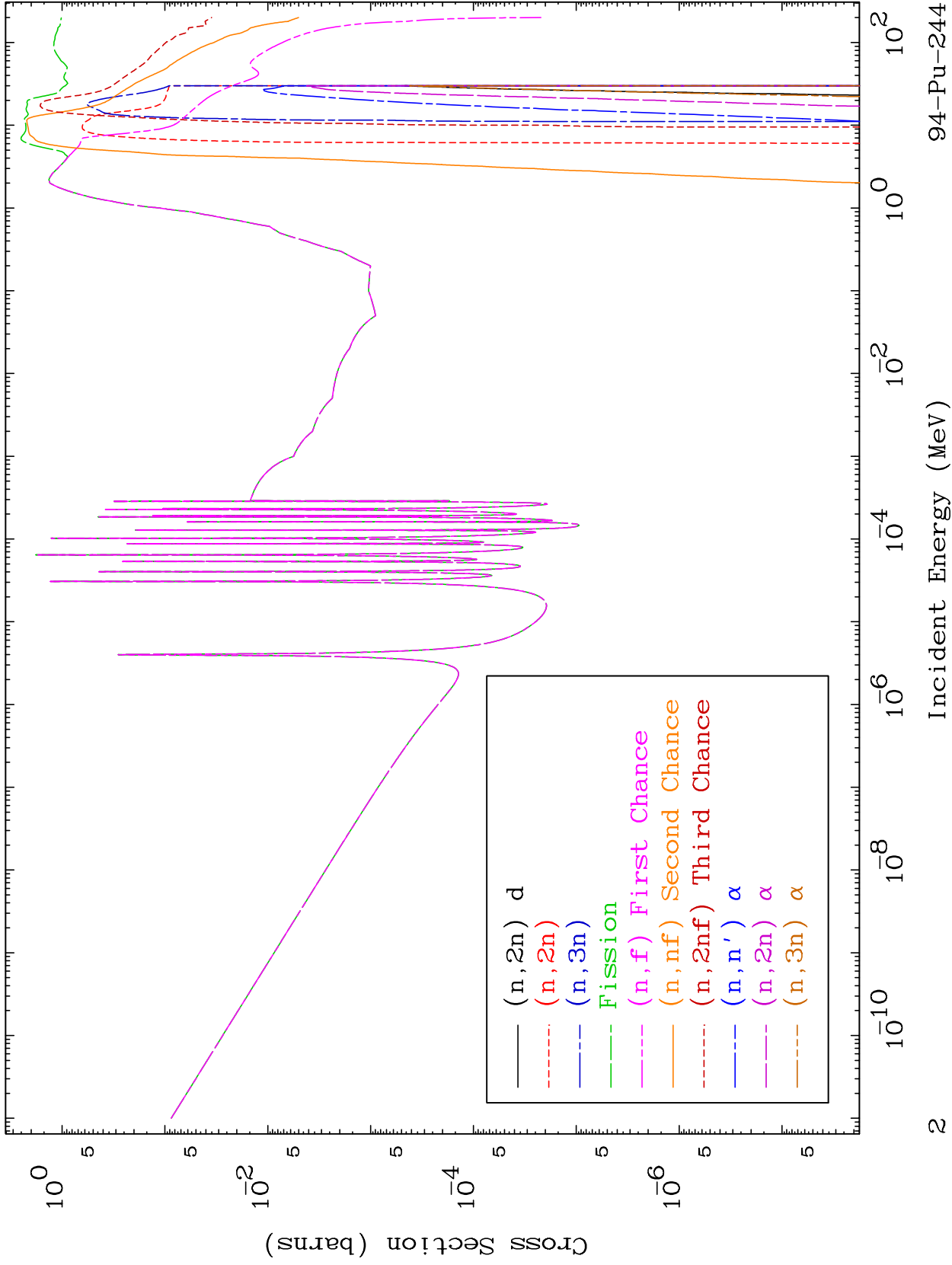


94-Pu-244

MAT 9452

Neutron Absorption
293 Kelvin Cross Sections

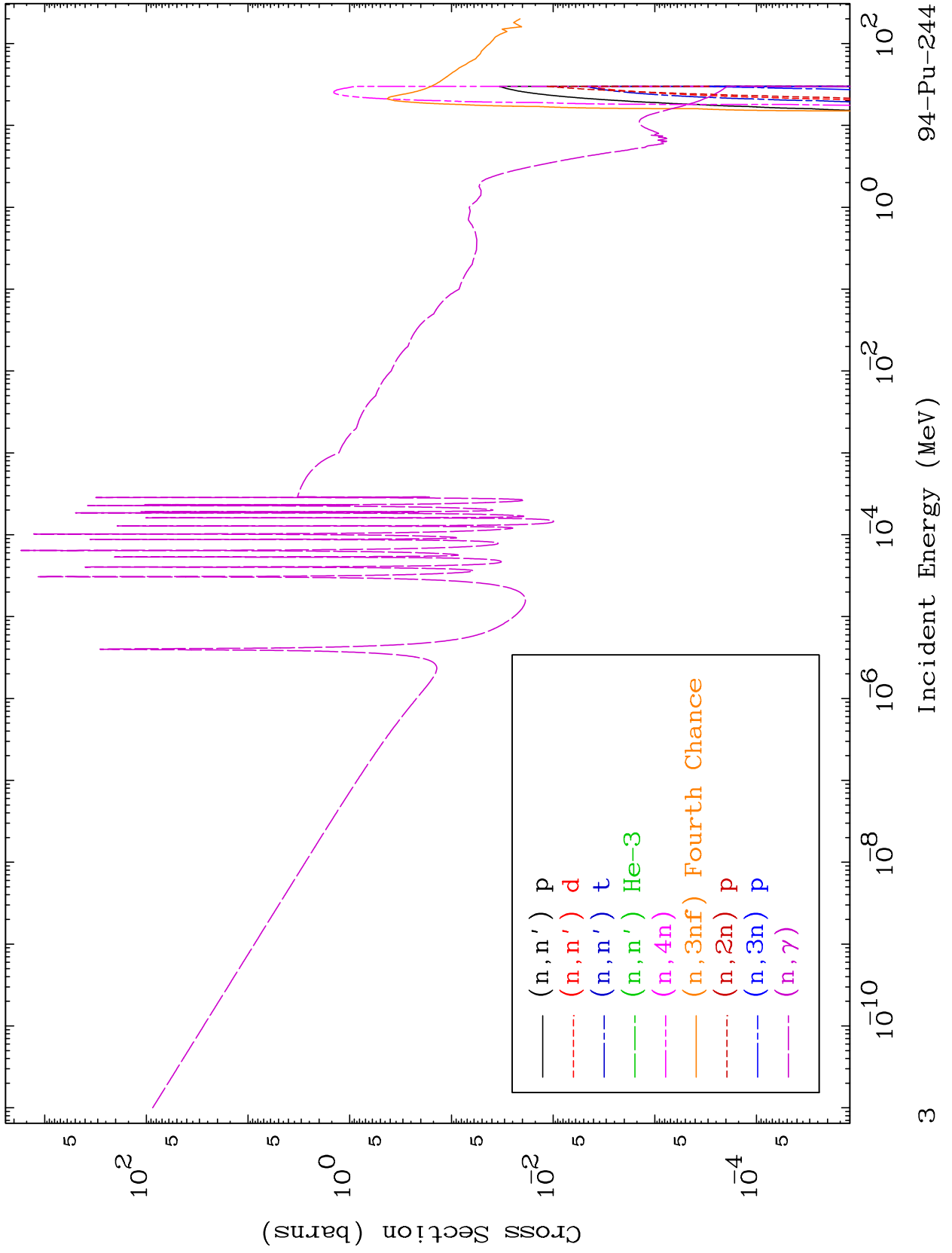
94-Pu-244



MAT 9452

Neutron Absorption
293 Kelvin Cross Sections

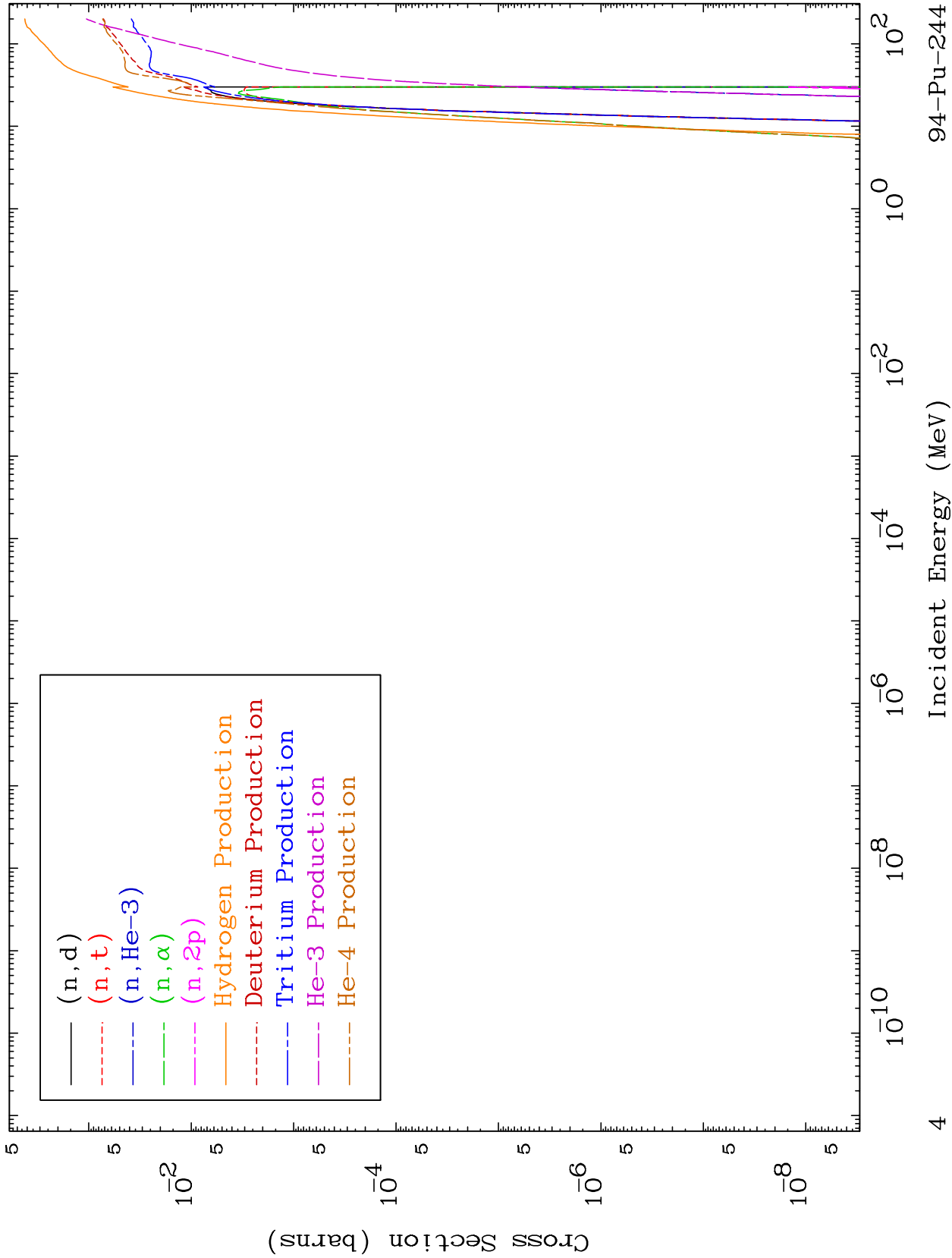
94-Pu-244



MAT 9452

Neutron Absorption
293 Kelvin Cross Sections

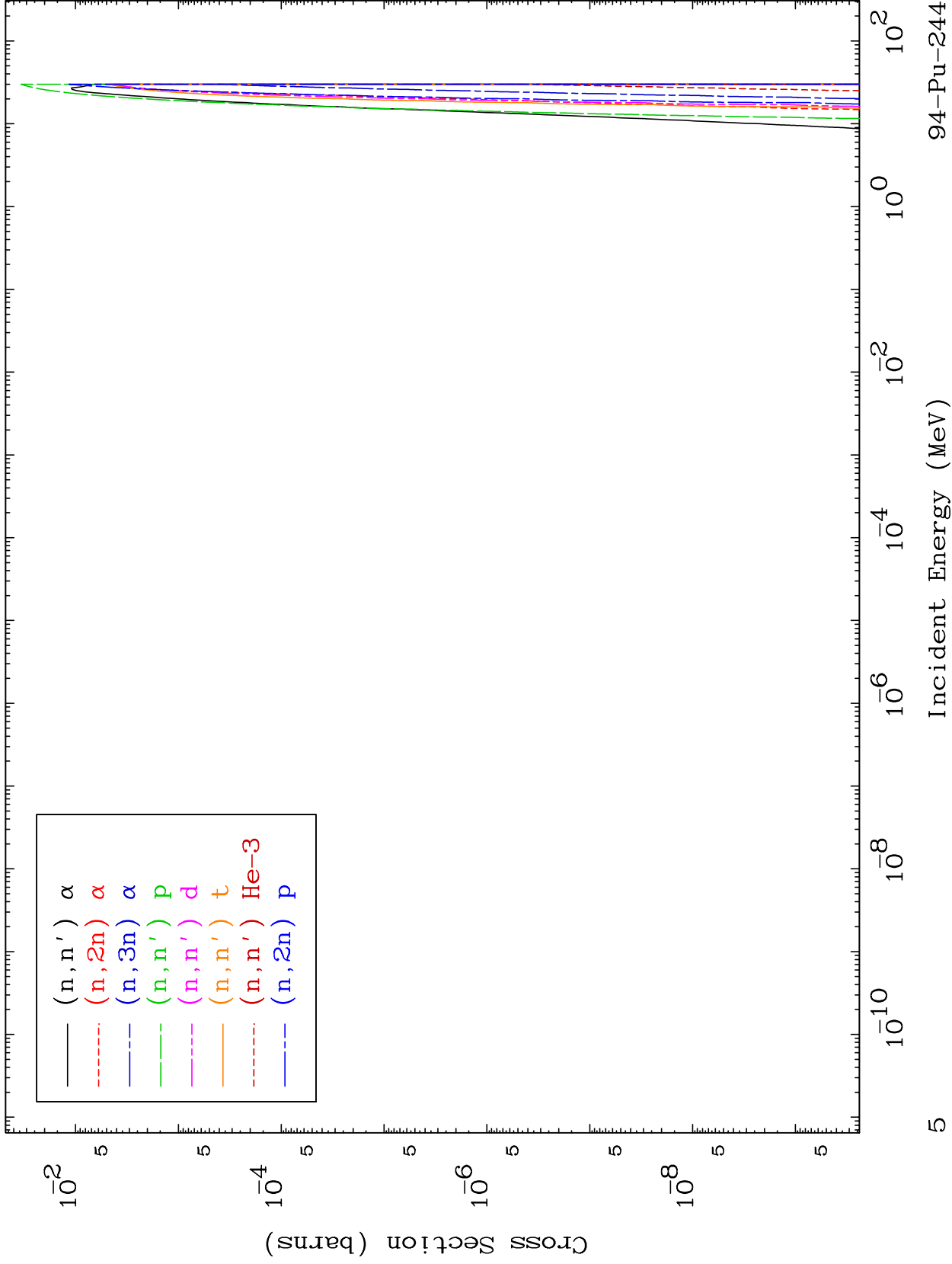
94-Pu-244



MAT 9452

Charged Particle
293 Kelvin Cross Sections

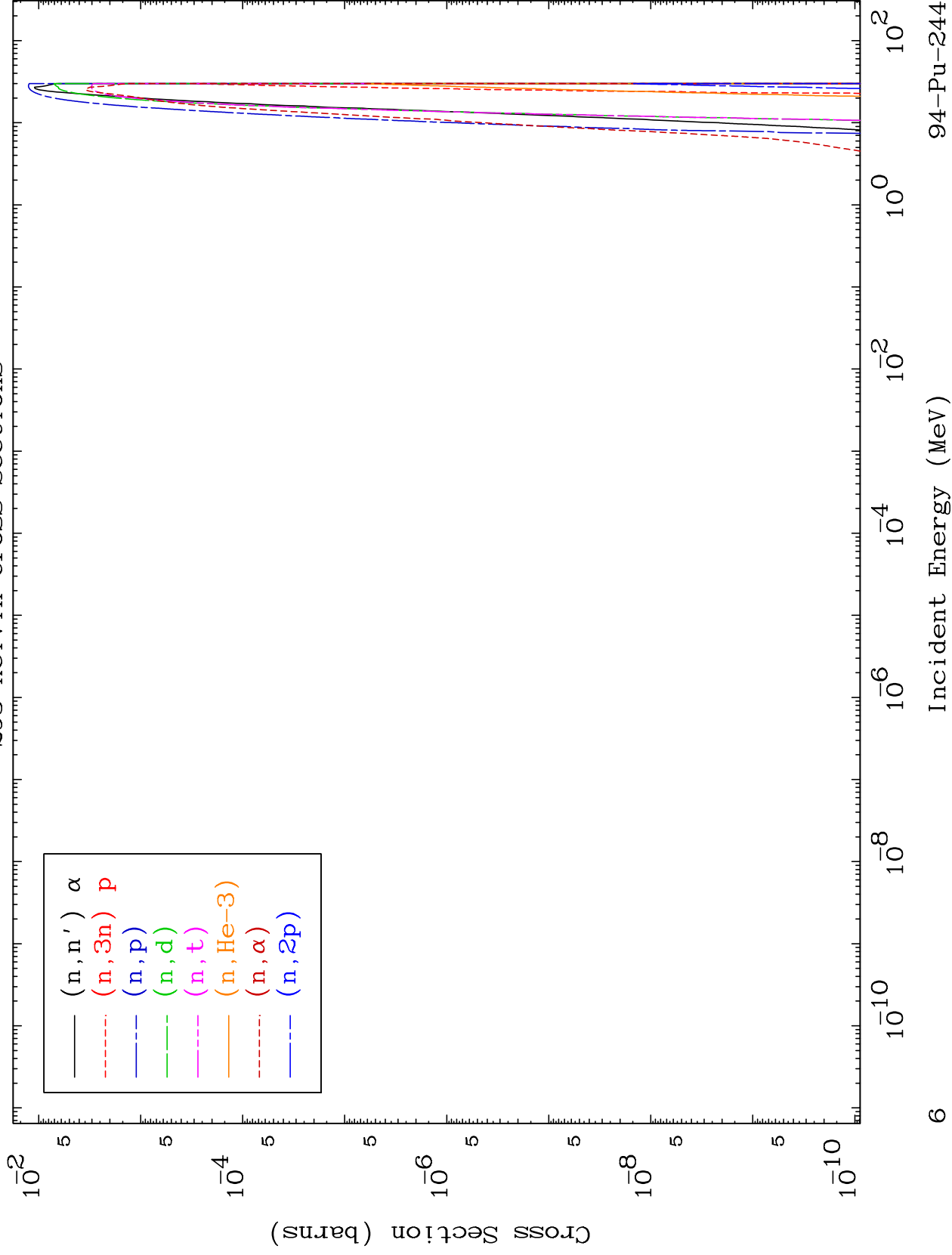
94-Pu-244



MAT 9452

Charged Particle
293 Kelvin Cross Sections

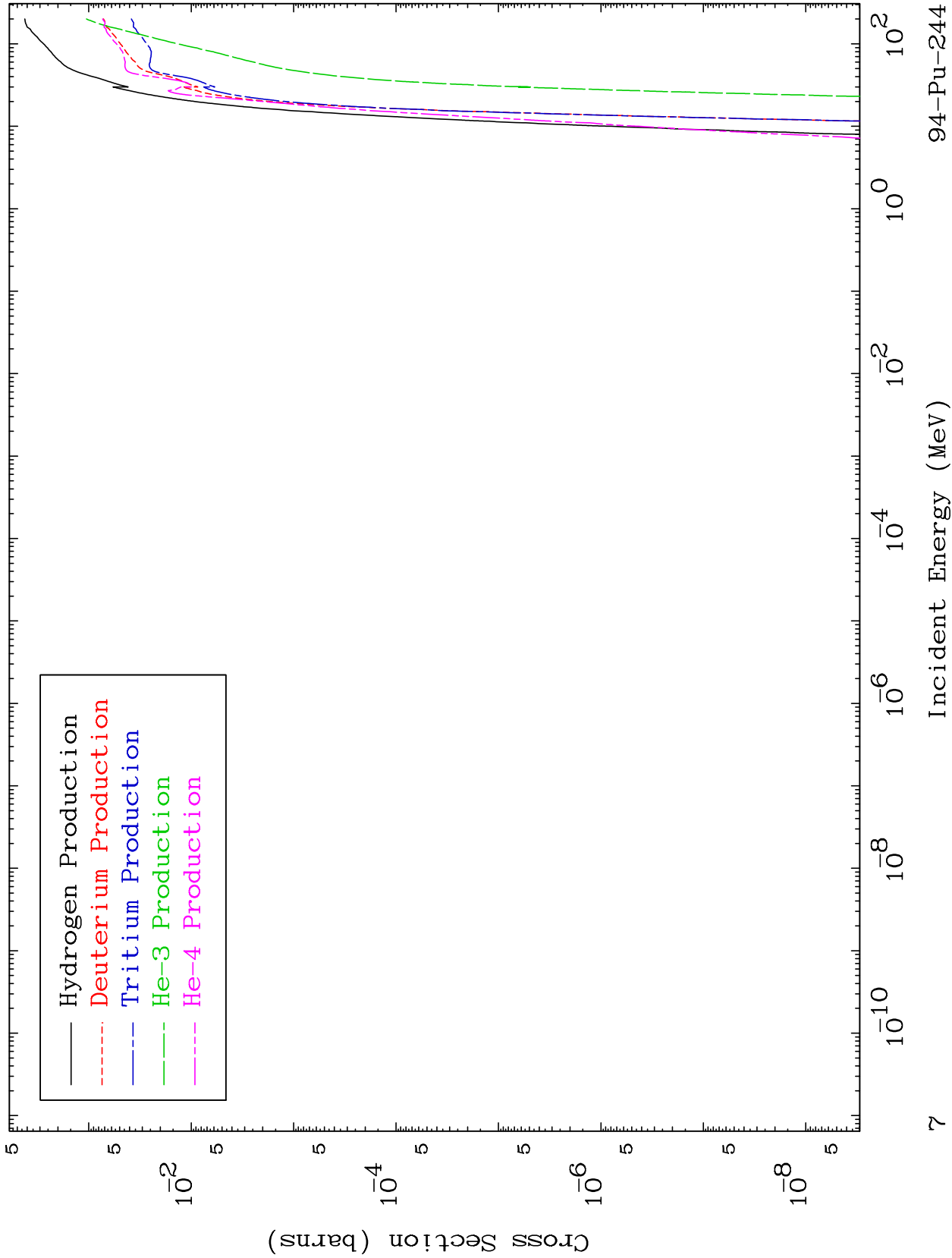
94-Pu-244



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Particle Production
293 Kelvin Cross Sections

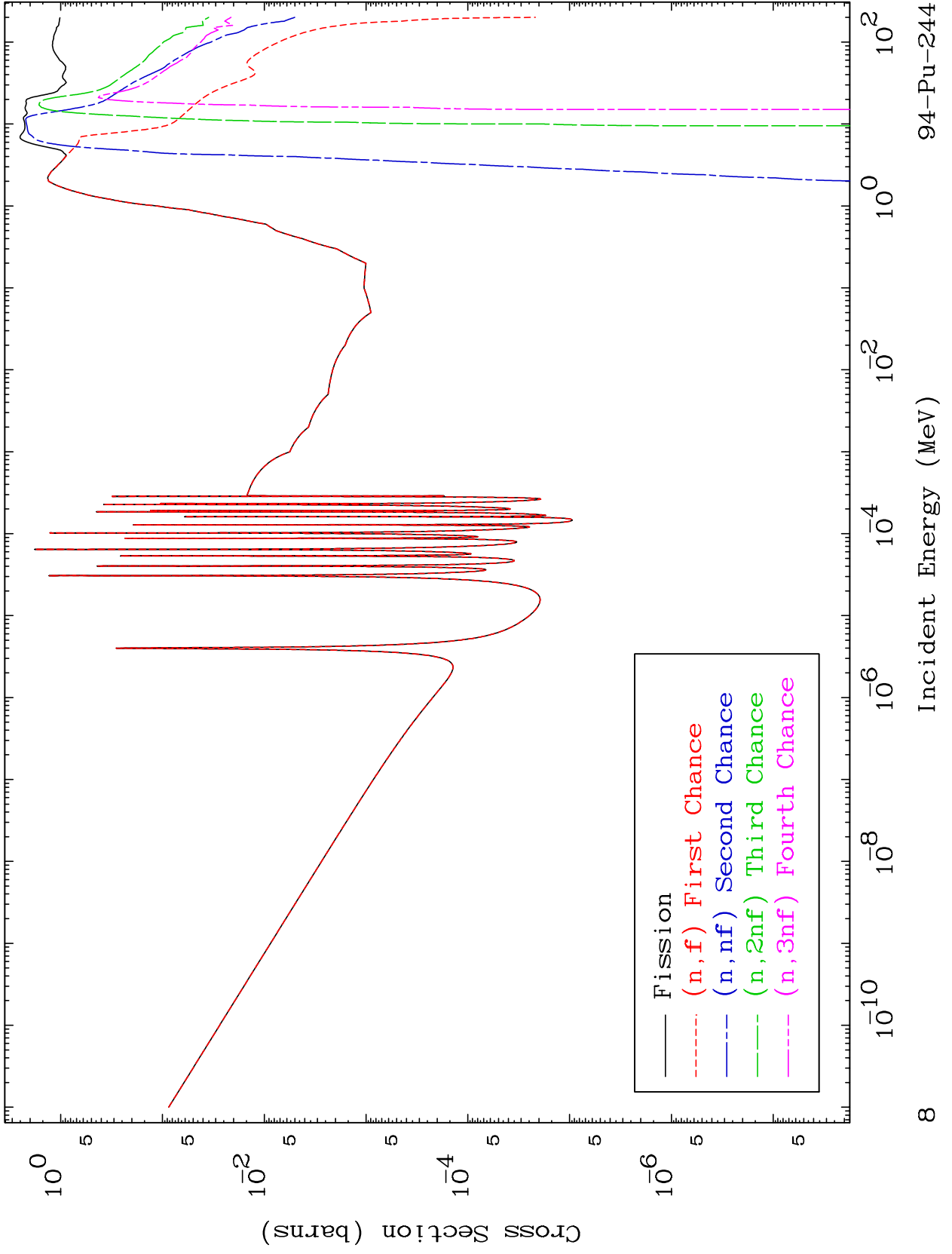
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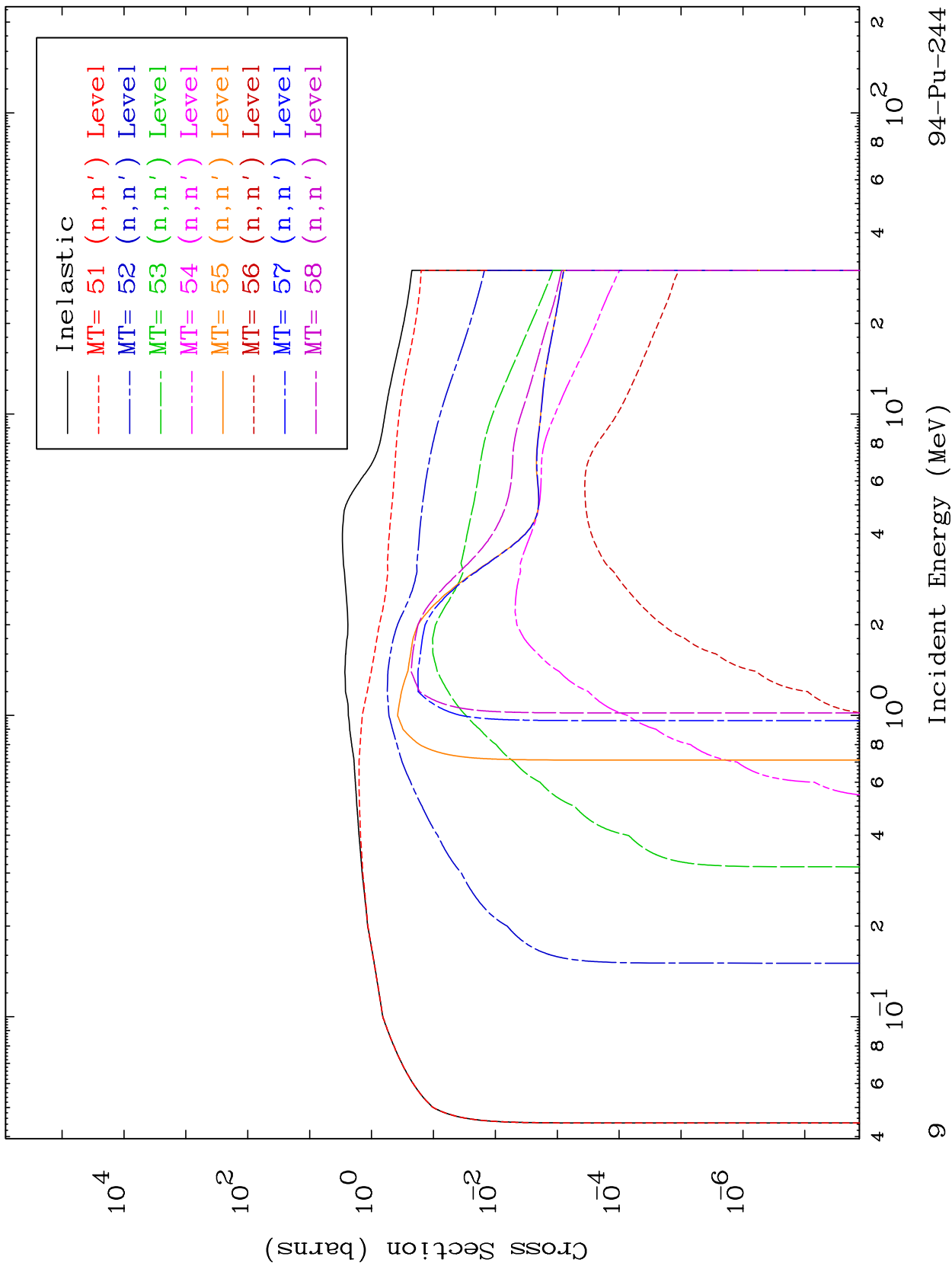


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Fission
293 Kelvin Cross Sections

94-Pu-244



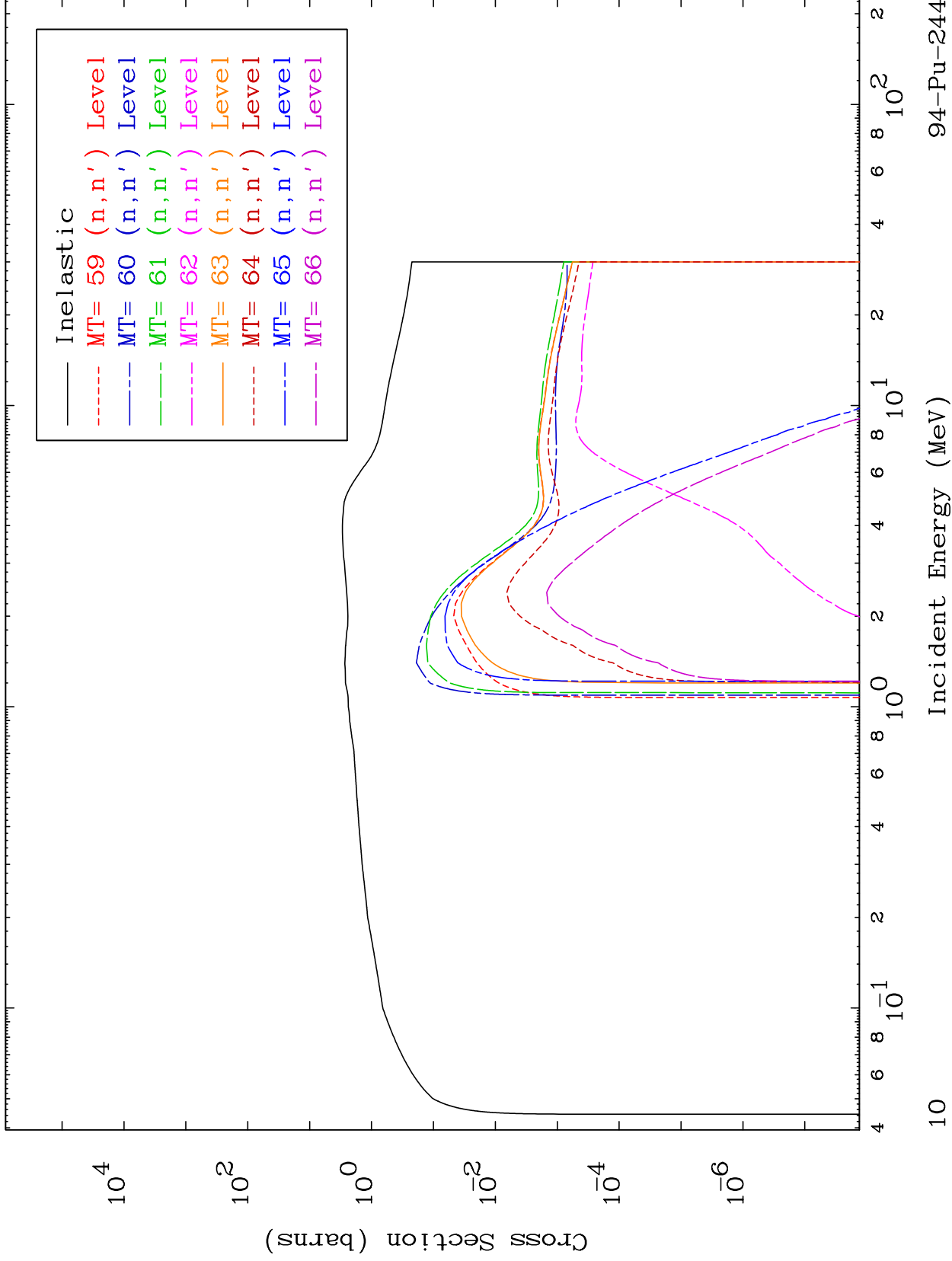


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(n,n') Levels

94-Pu-244

293 Kelvin Cross Sections



10

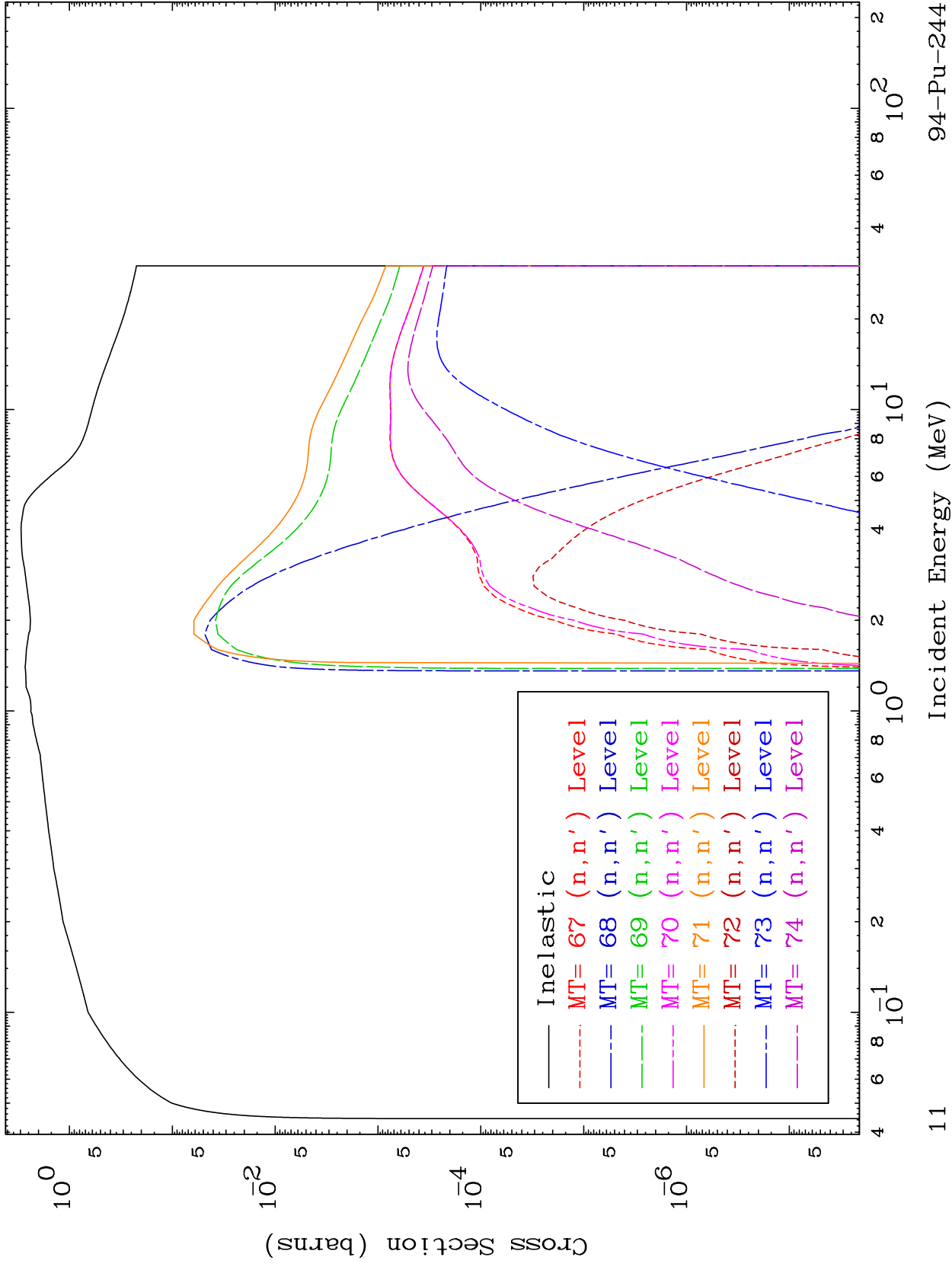
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,n') Levels
293 Kelvin Cross Sections

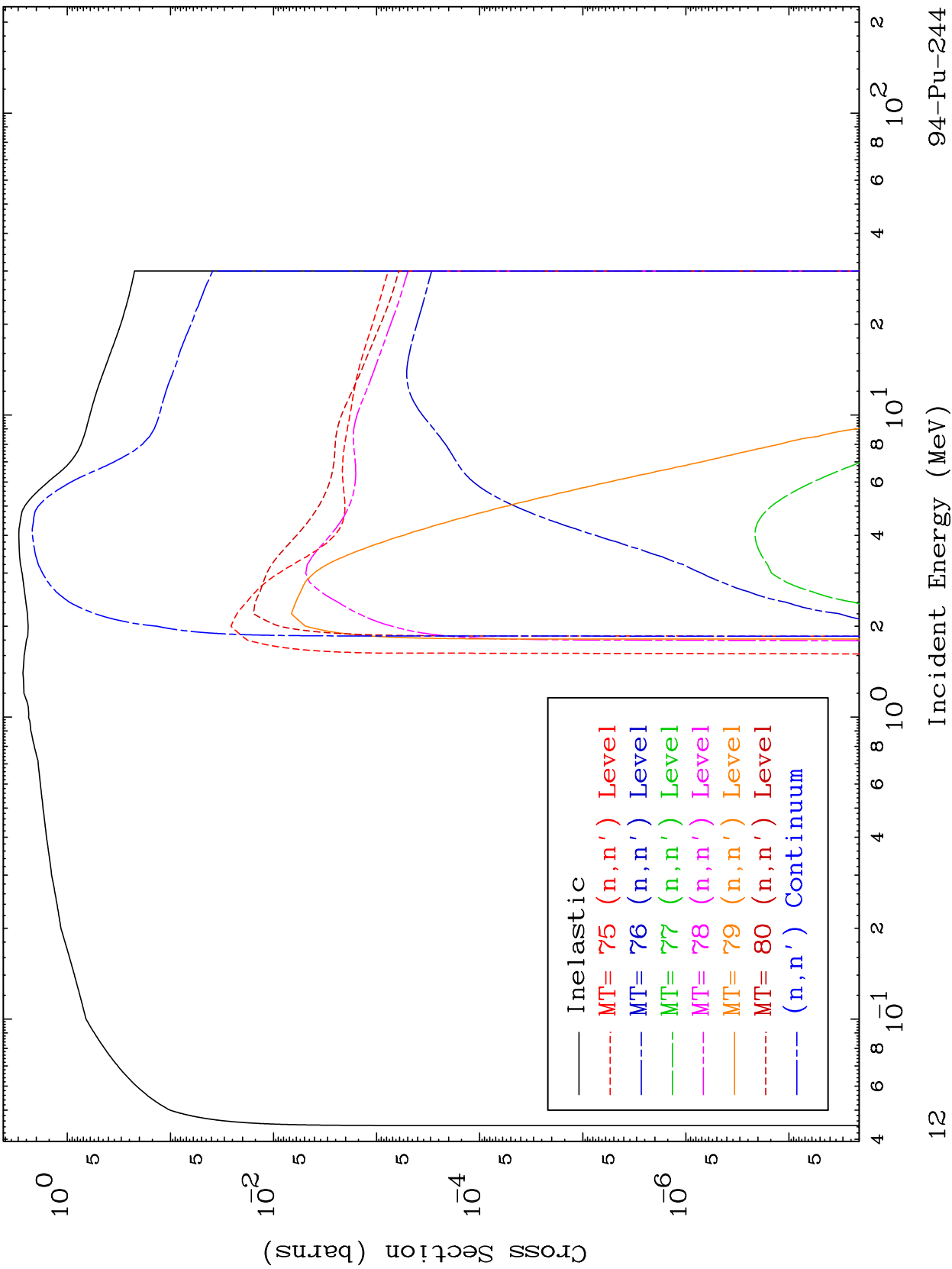
94-Pu-244



MAT 9452

94-Pu-244

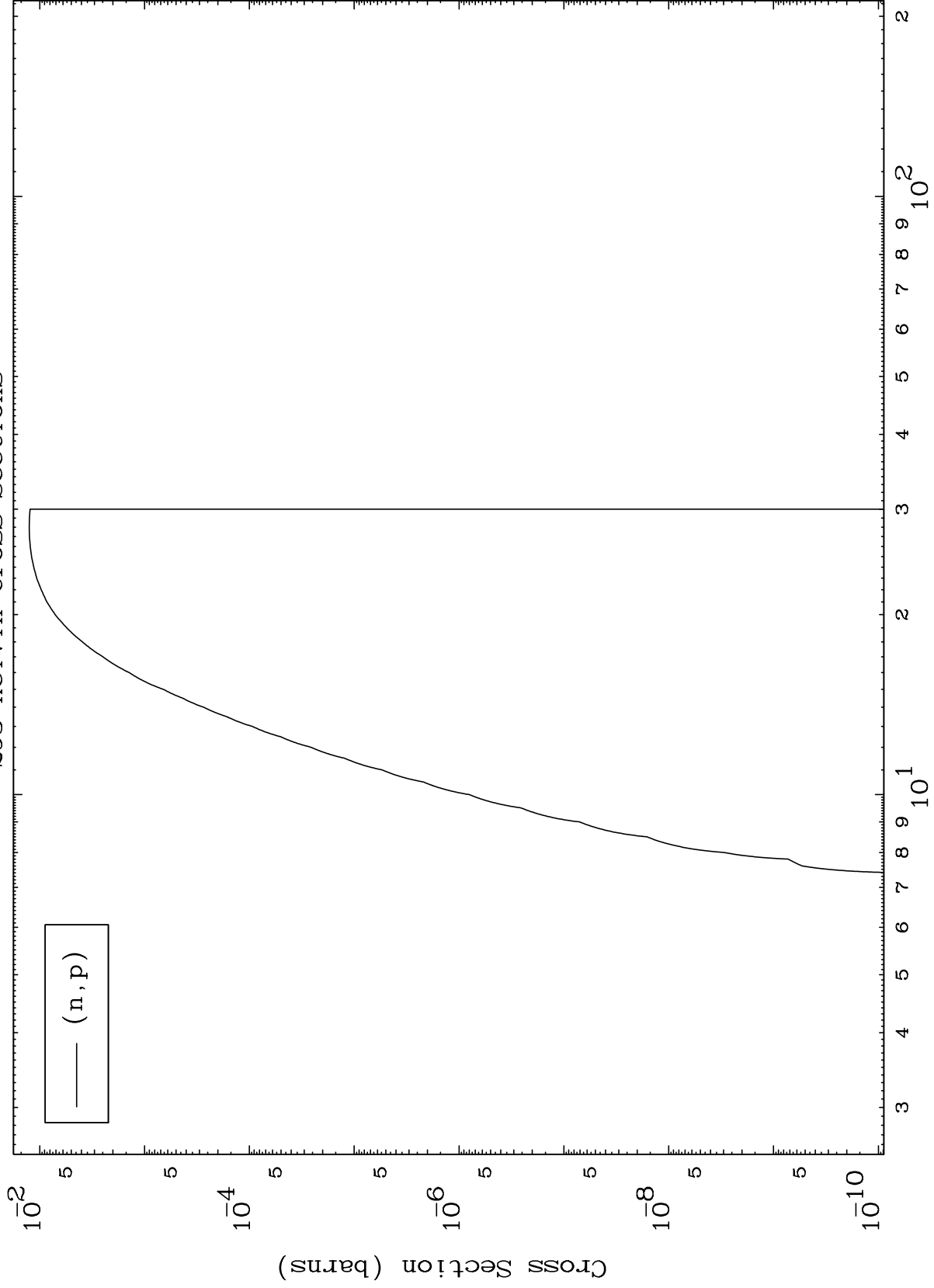
(n,n') Levels
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

94-Pu-244



(n,p)

94-Pu-244

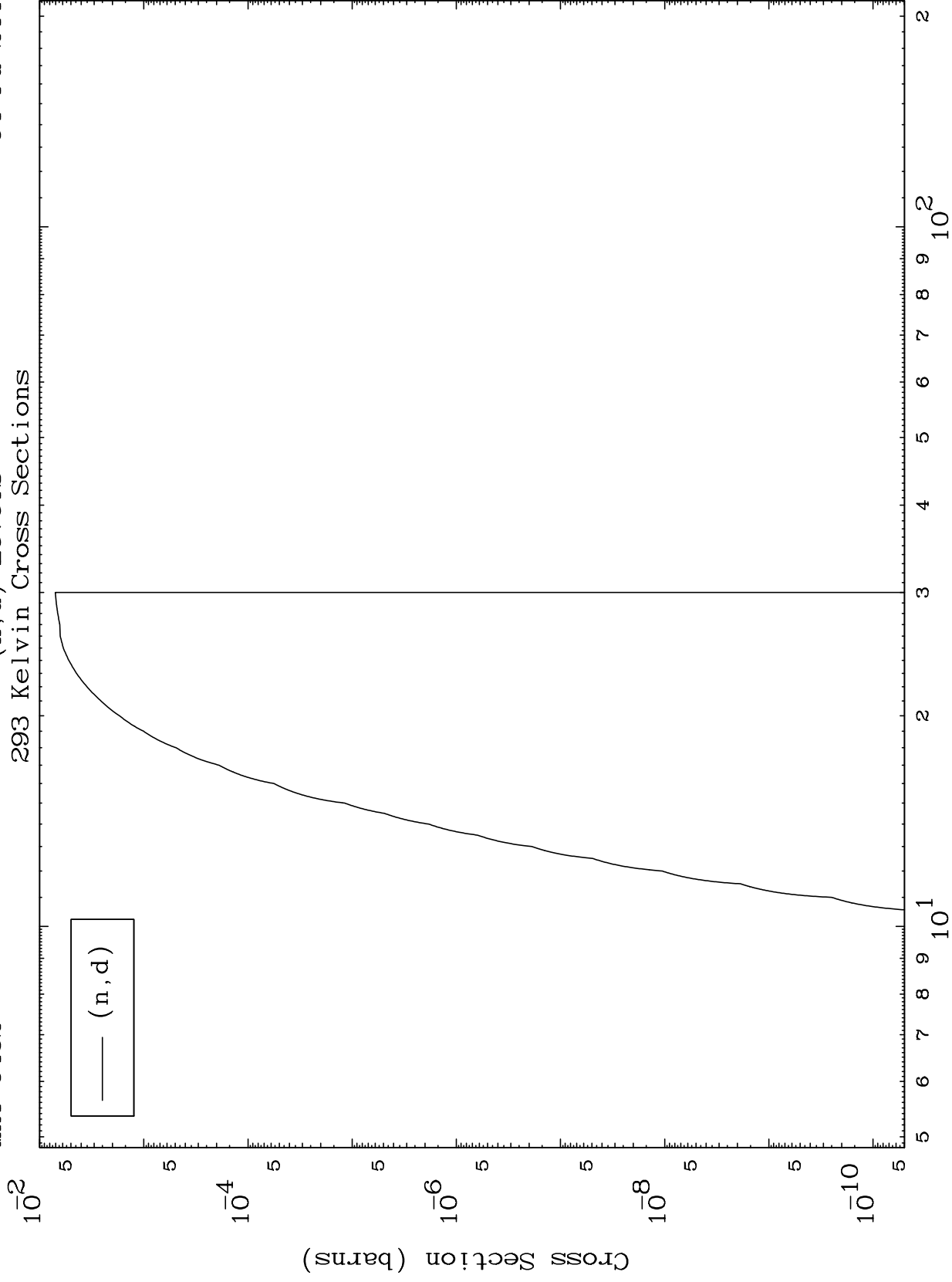
Incident Energy (MeV)

13

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(n,d) Levels
293 Kelvin Cross Sections

94-Pu-244



14

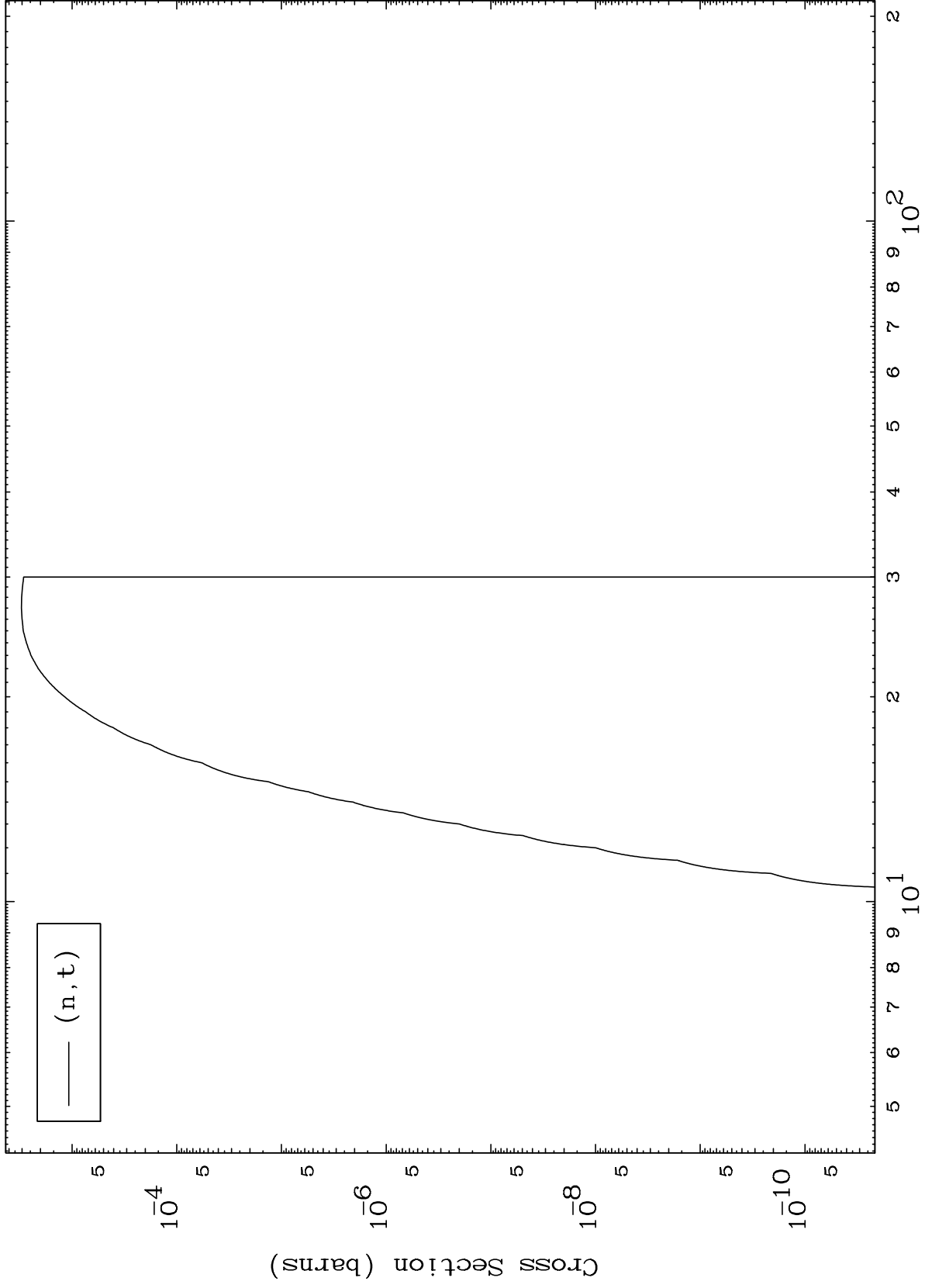
Incident Energy (MeV)

94-Pu-244

MAT 9452

(n,t) Levels
293 Kelvin Cross Sections

94-Pu-244



15

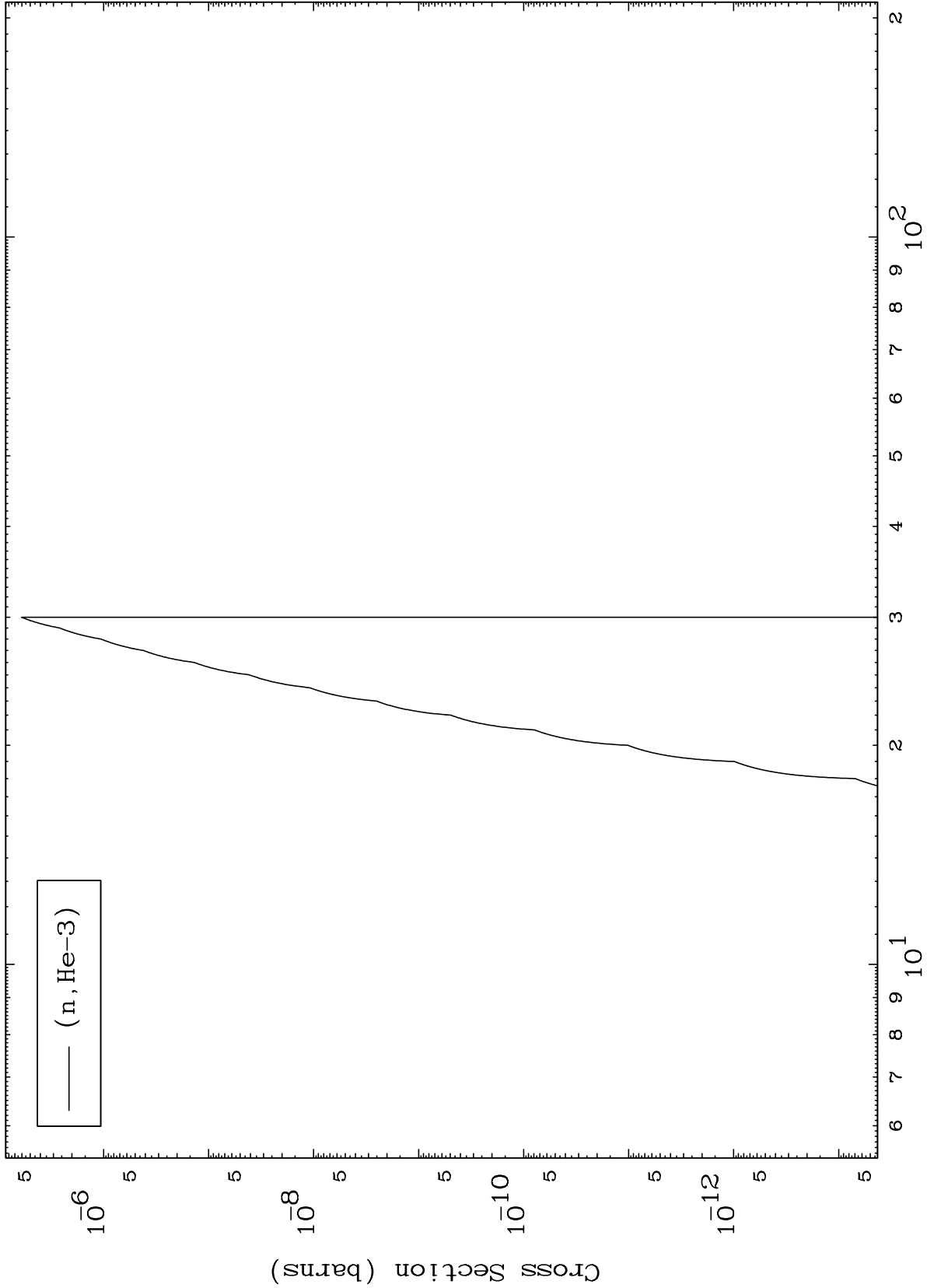
Incident Energy (MeV)

94-Pu-244

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94-Pu-244

(n,He3) Levels
293 Kelvin Cross Sections



16

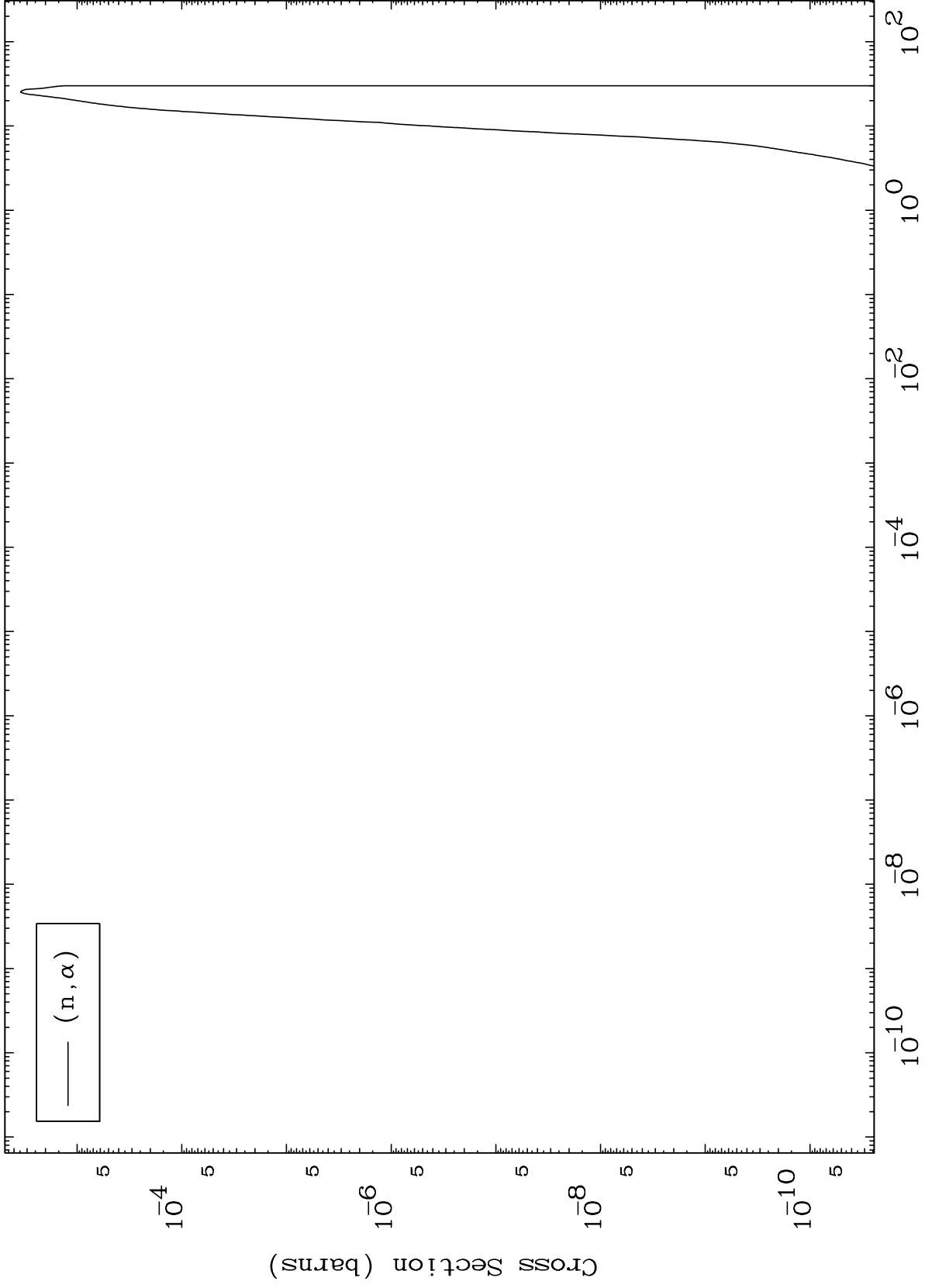
94-Pu-244

Incident Energy (MeV)

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(n, α) Levels
293 Kelvin Cross Sections

94-Pu-244



17

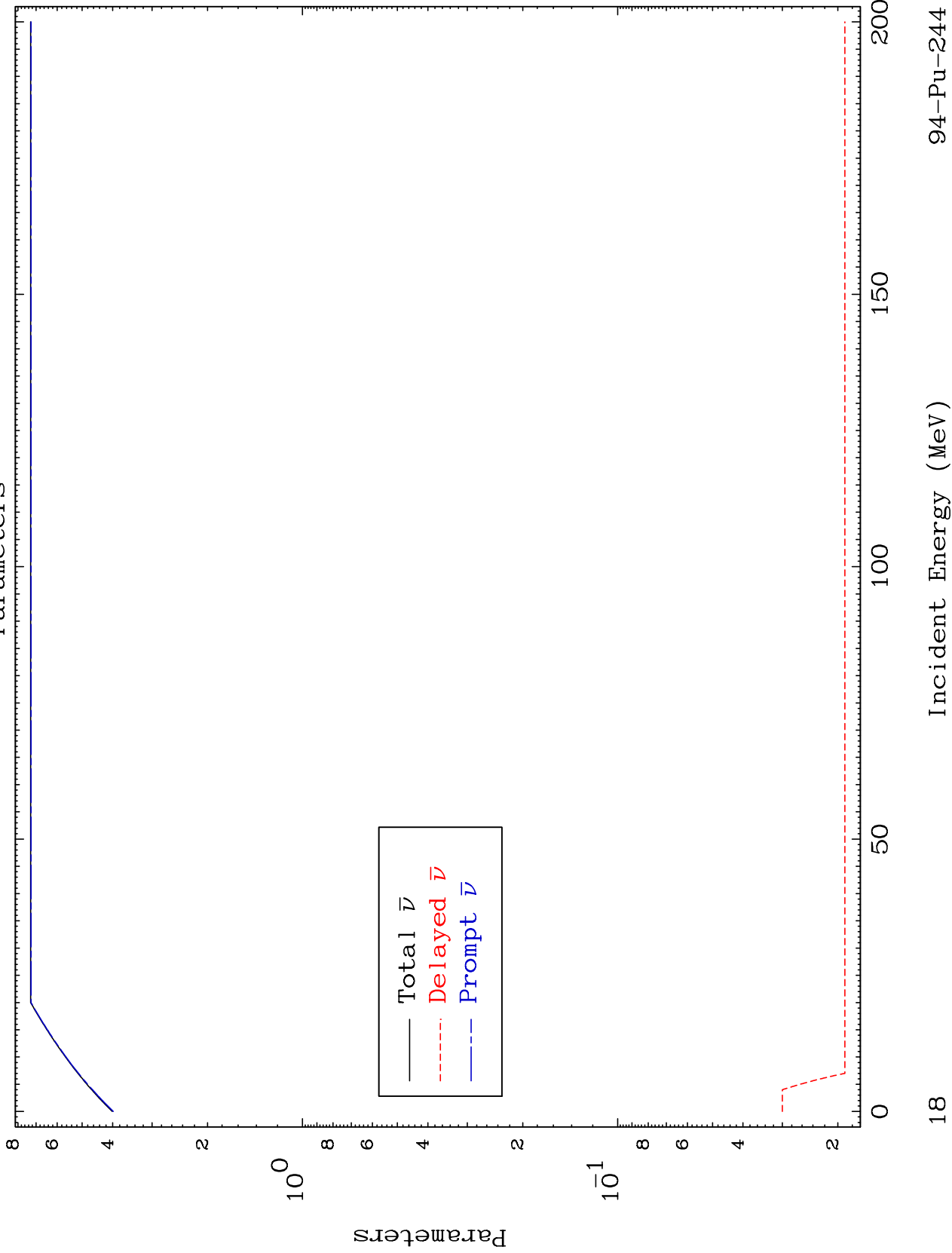
Incident Energy (MeV)

94-Pu-244

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Energy Release
Parameters

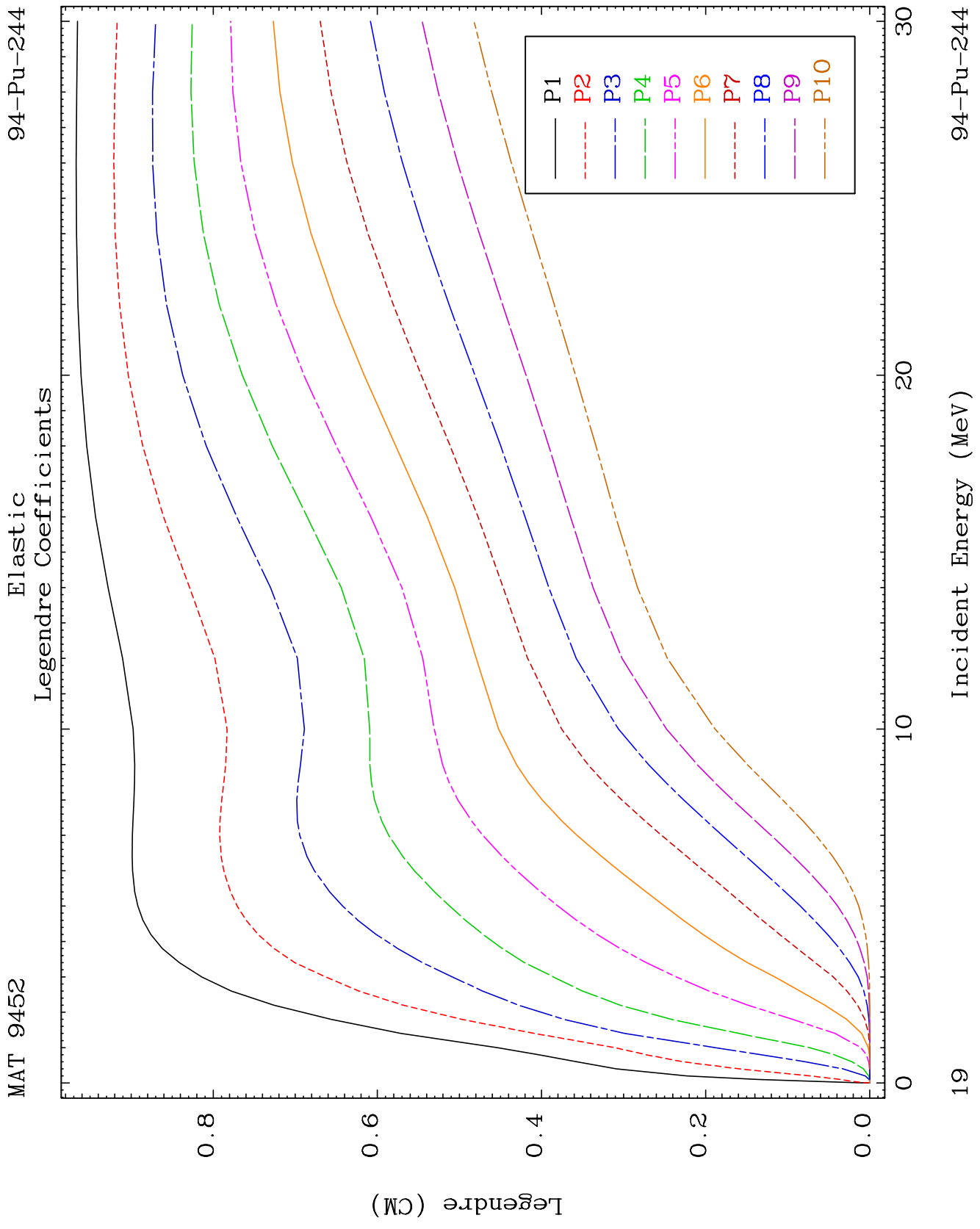
94-Pu-244



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Incident Energy (MeV)

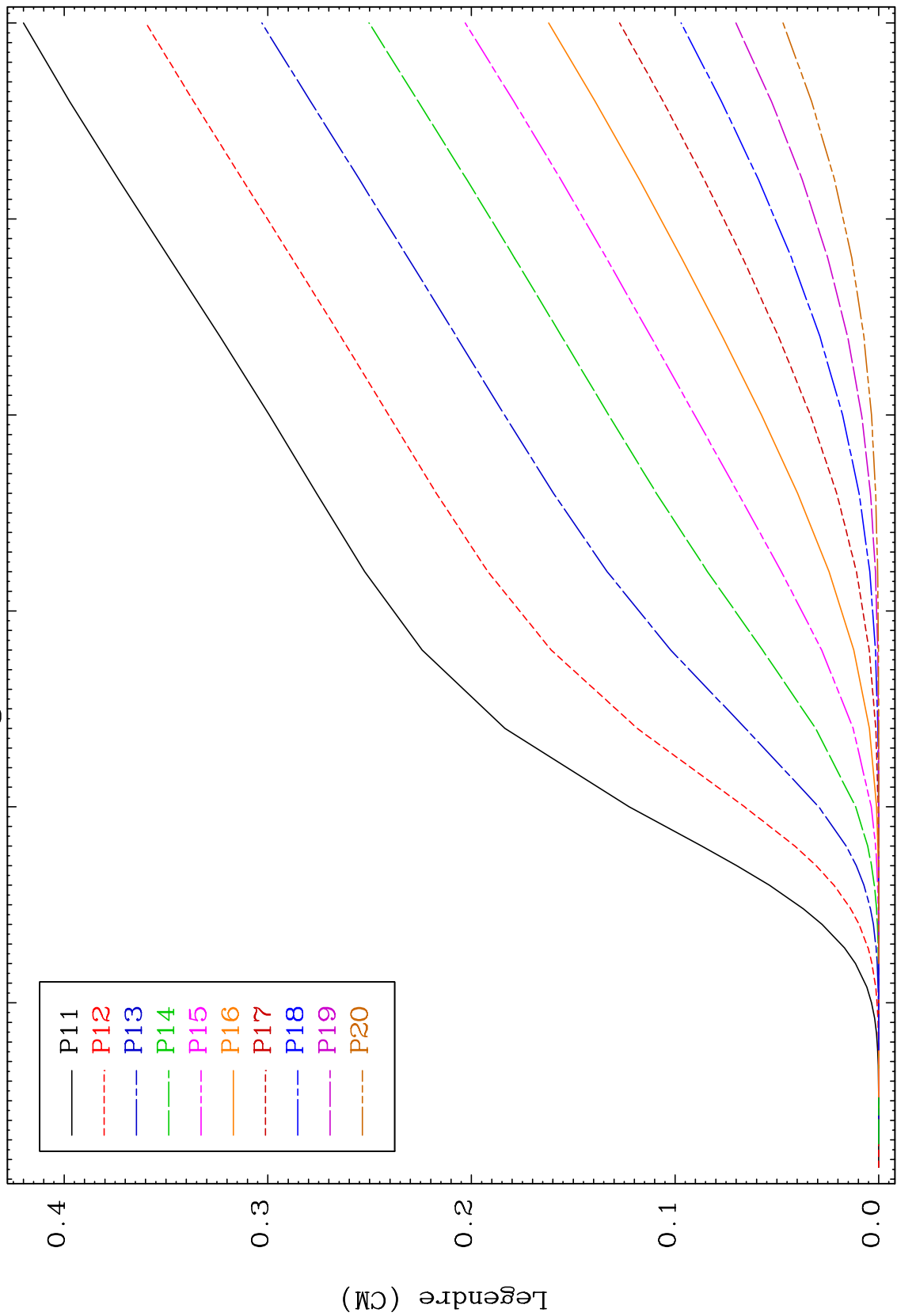
94-Pu-244



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Elastic Legendre Coefficients

94-Pu-244



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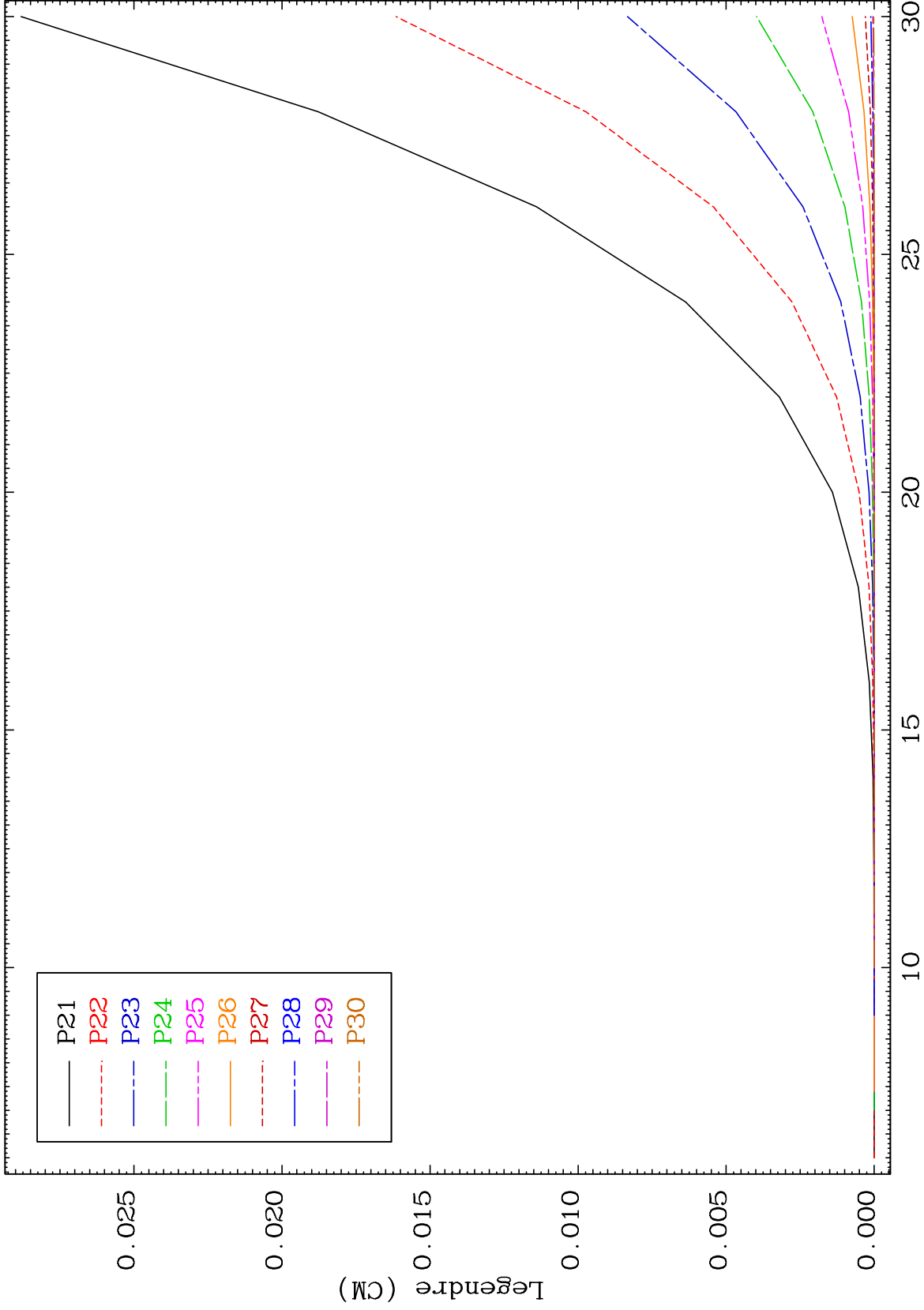
Incident Energy (MeV)

94-Pu-244

MAT 9452

Elastic Legendre Coefficients

94-Pu-244



21

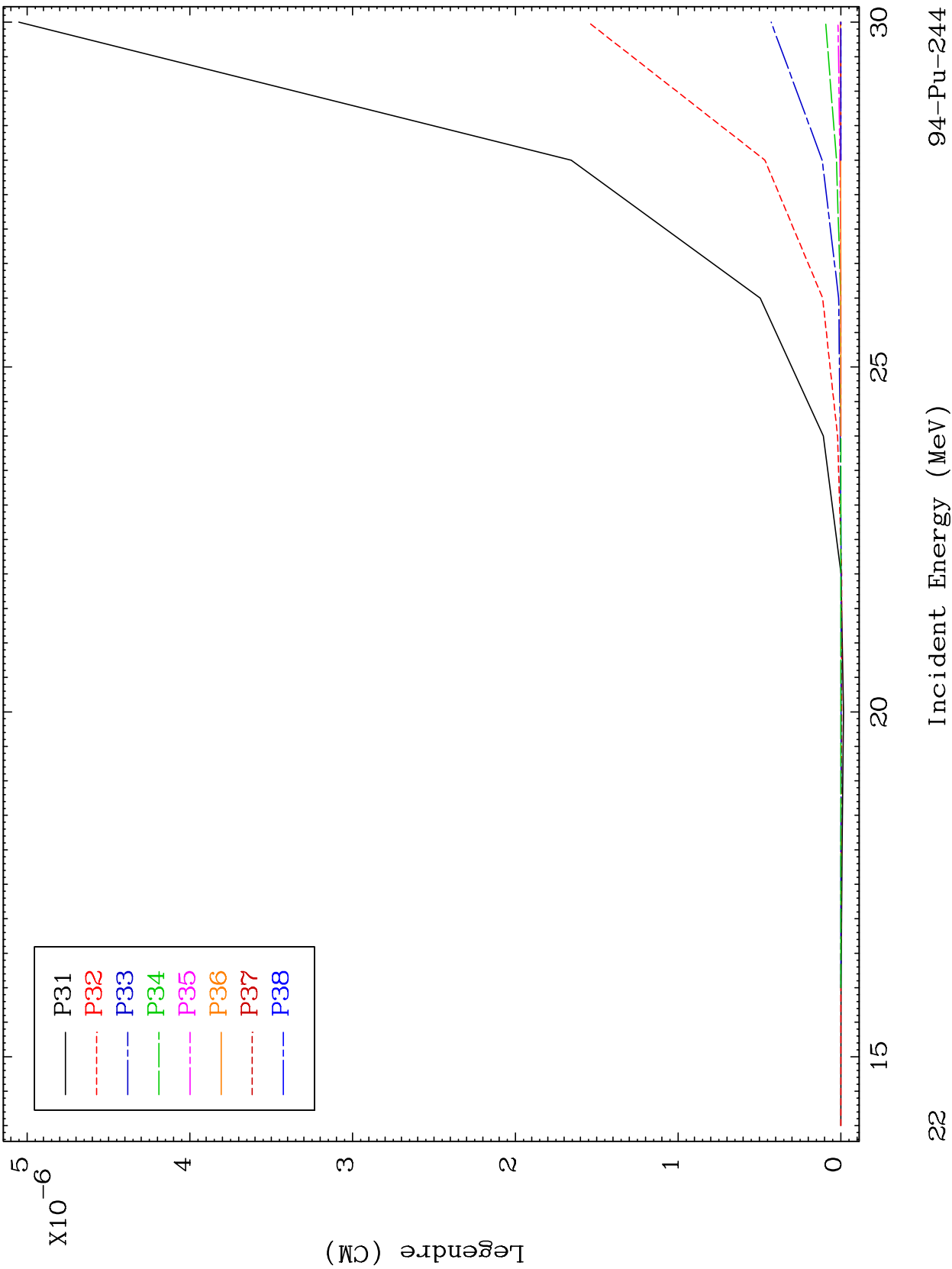
Incident Energy (MeV)

94-Pu-244

MAT 9452

Elastic
Legendre Coefficients

94-Pu-244



22

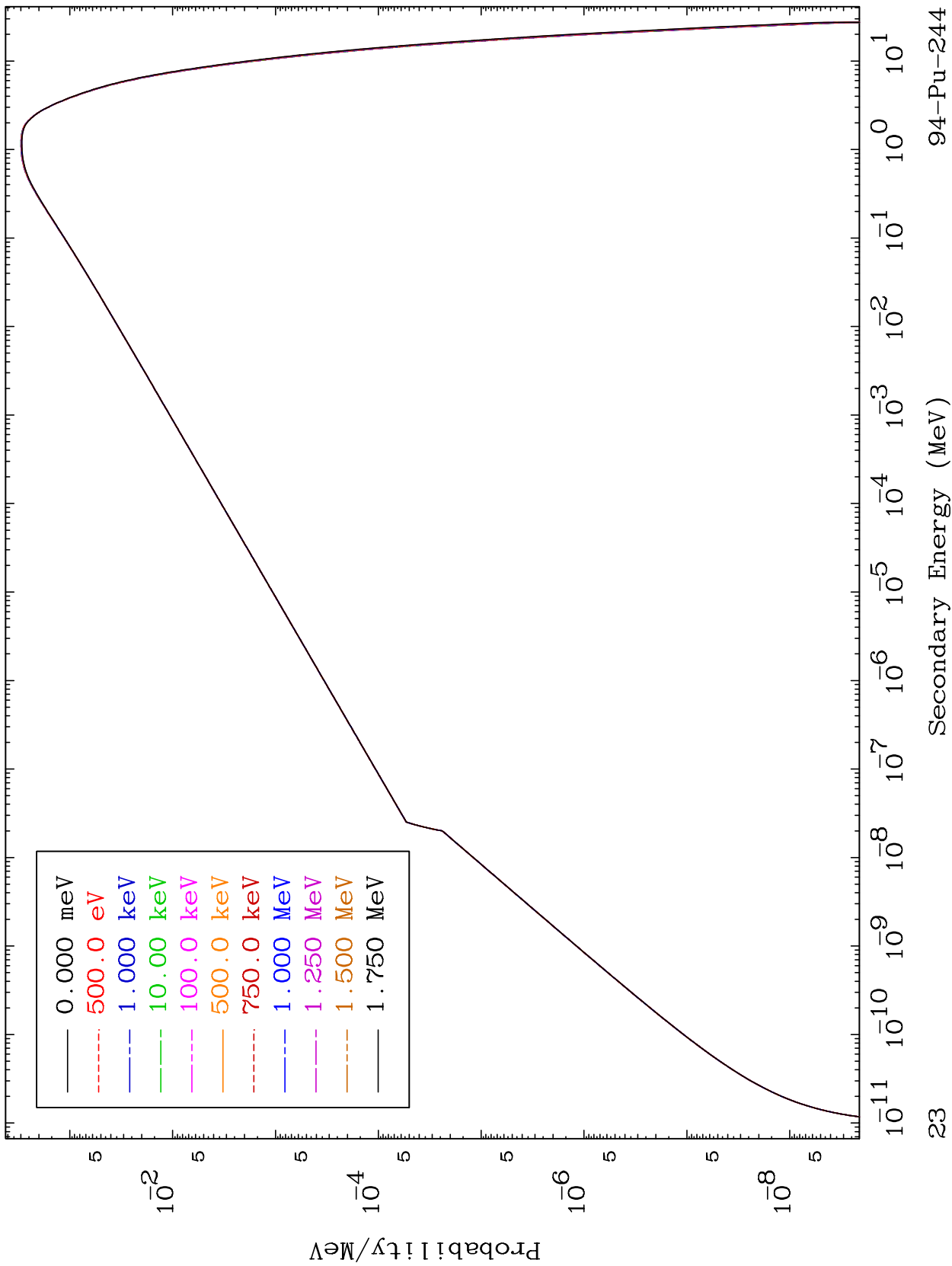
Incident Energy (MeV)

94-Pu-244

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Fission Energy Distributions

94-Pu-244

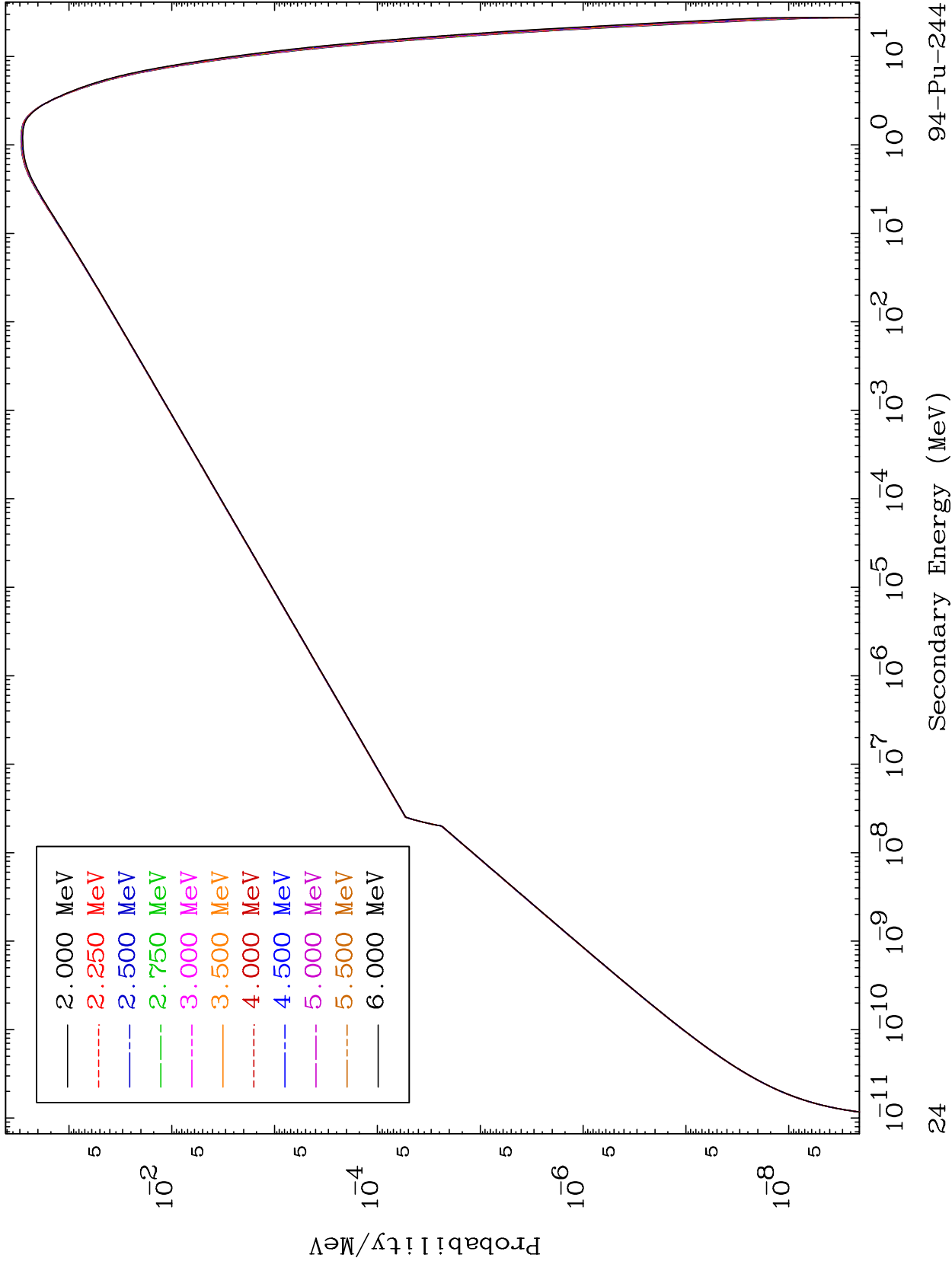


- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

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Fission Energy Distributions

94-Pu-244

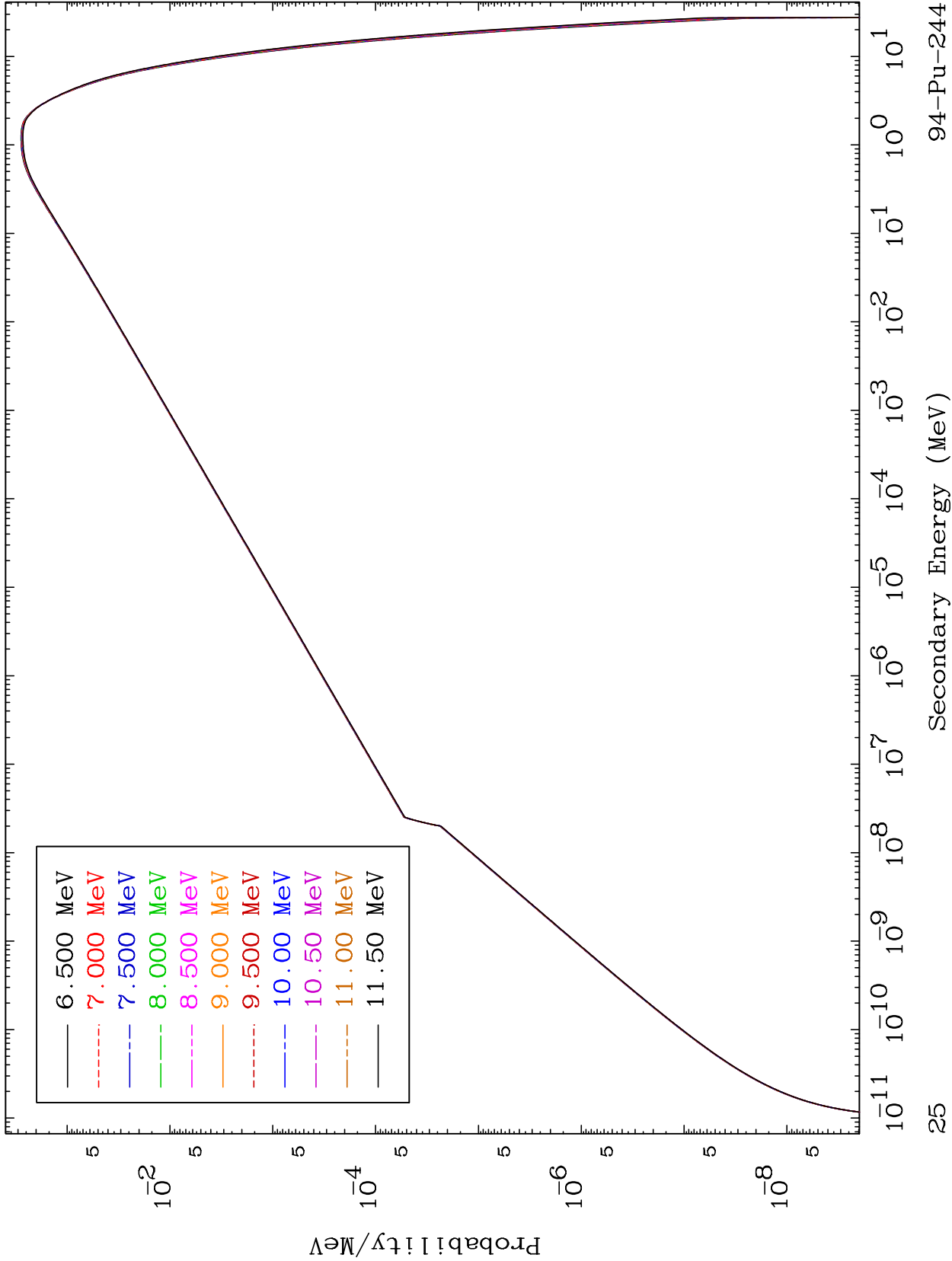


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Fission Energy Distributions

94-Pu-244



94-Pu-244

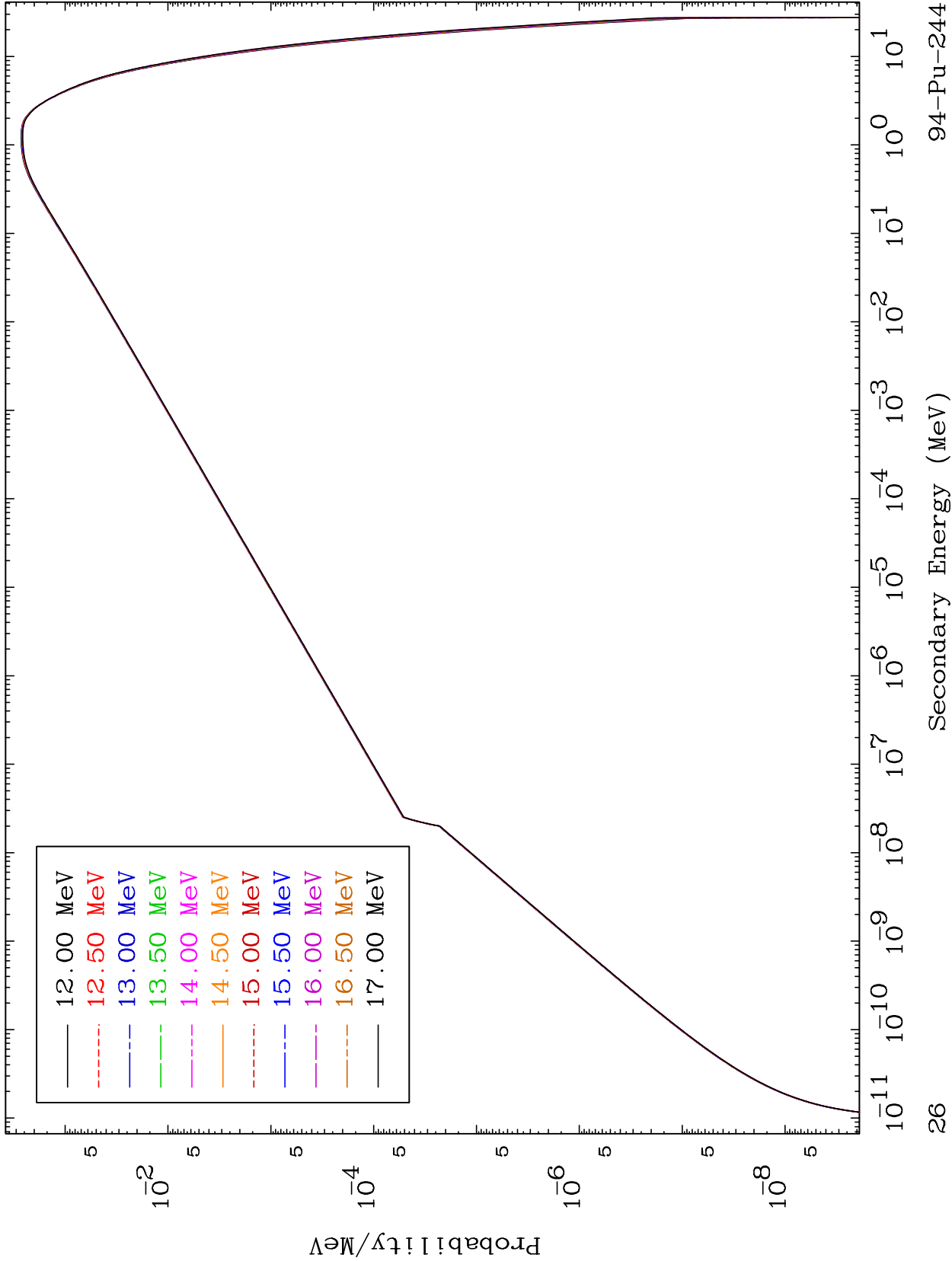
Secondary Energy (MeV)

25

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Fission Energy Distributions

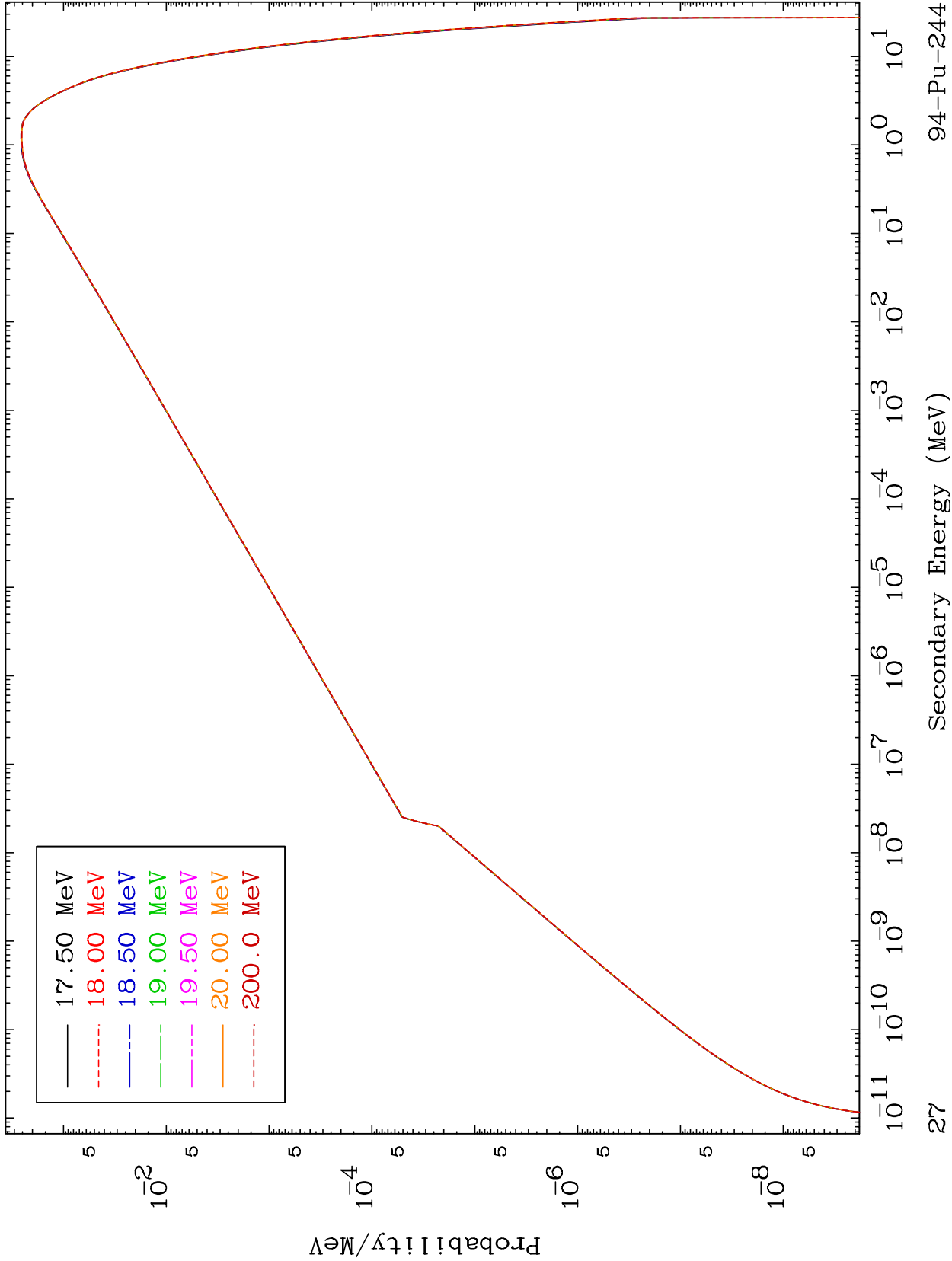
94-Pu-244



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Fission Energy Distributions

94-Pu-244



MAT 9452

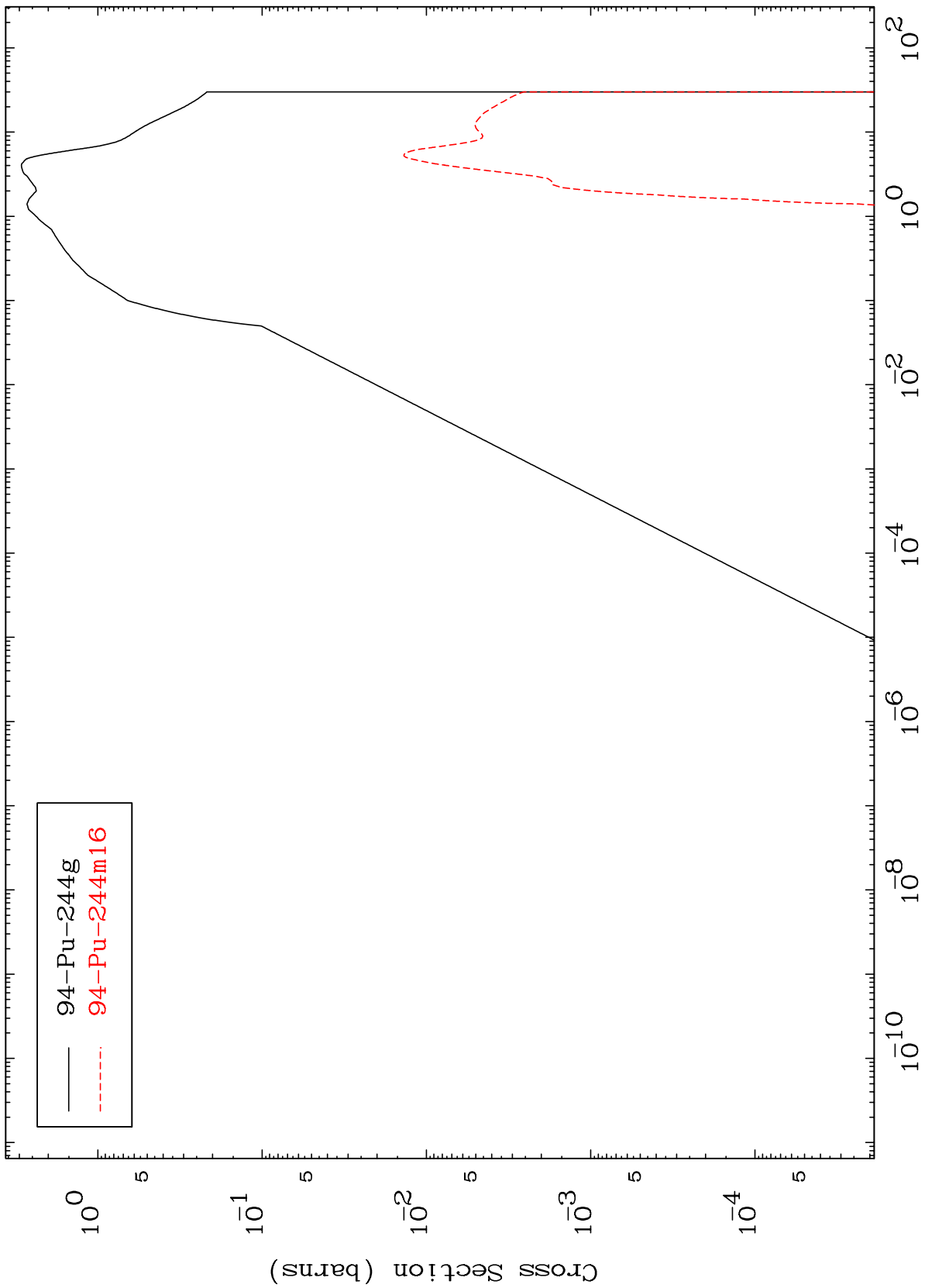
94-Pu-244

Radionuclide Production Cross Section

Inelastic

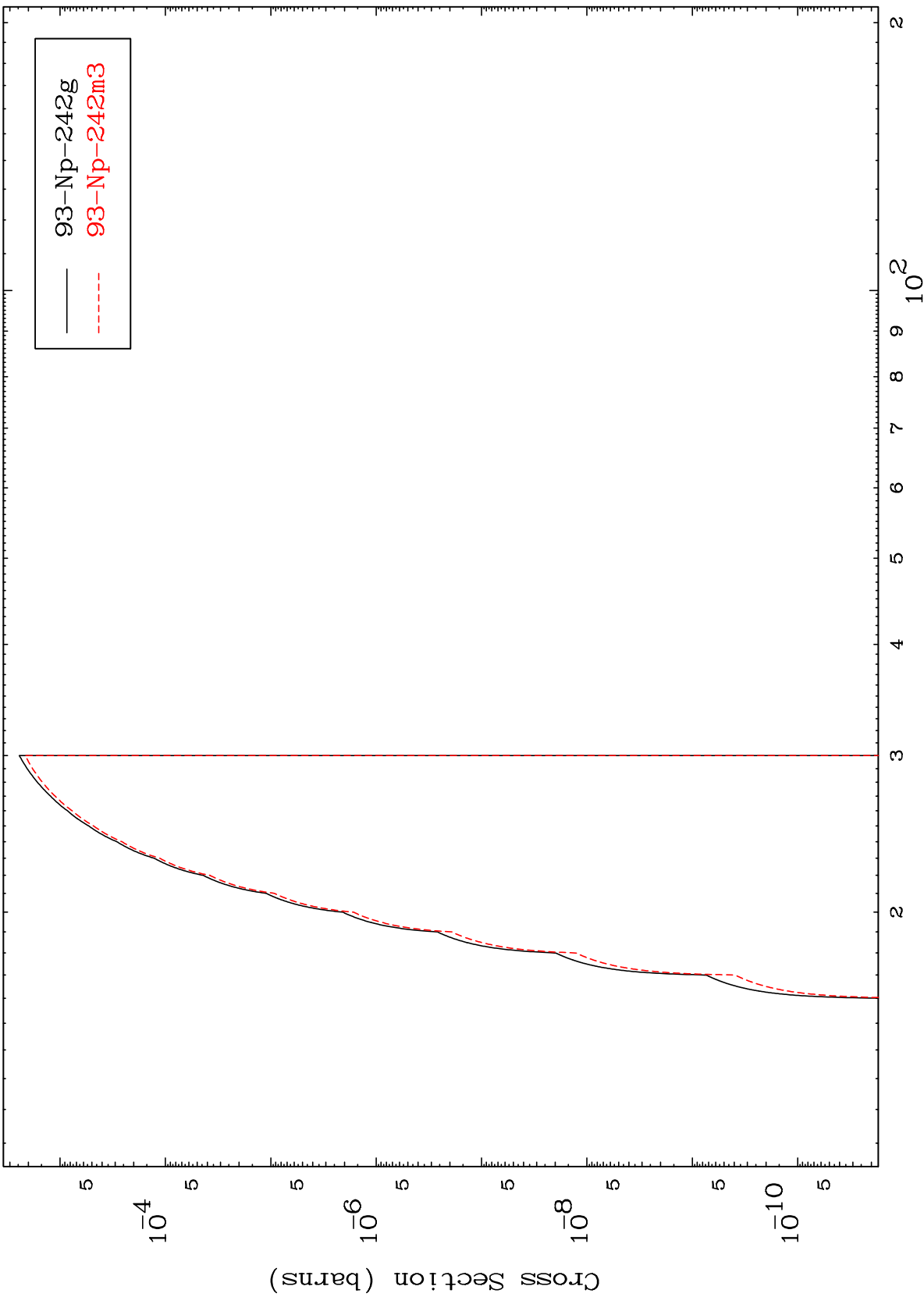
94-Pu-244

Incident Energy (MeV)



94-Pu-244g
94-Pu-244m16

Radionuclide Production Cross Section

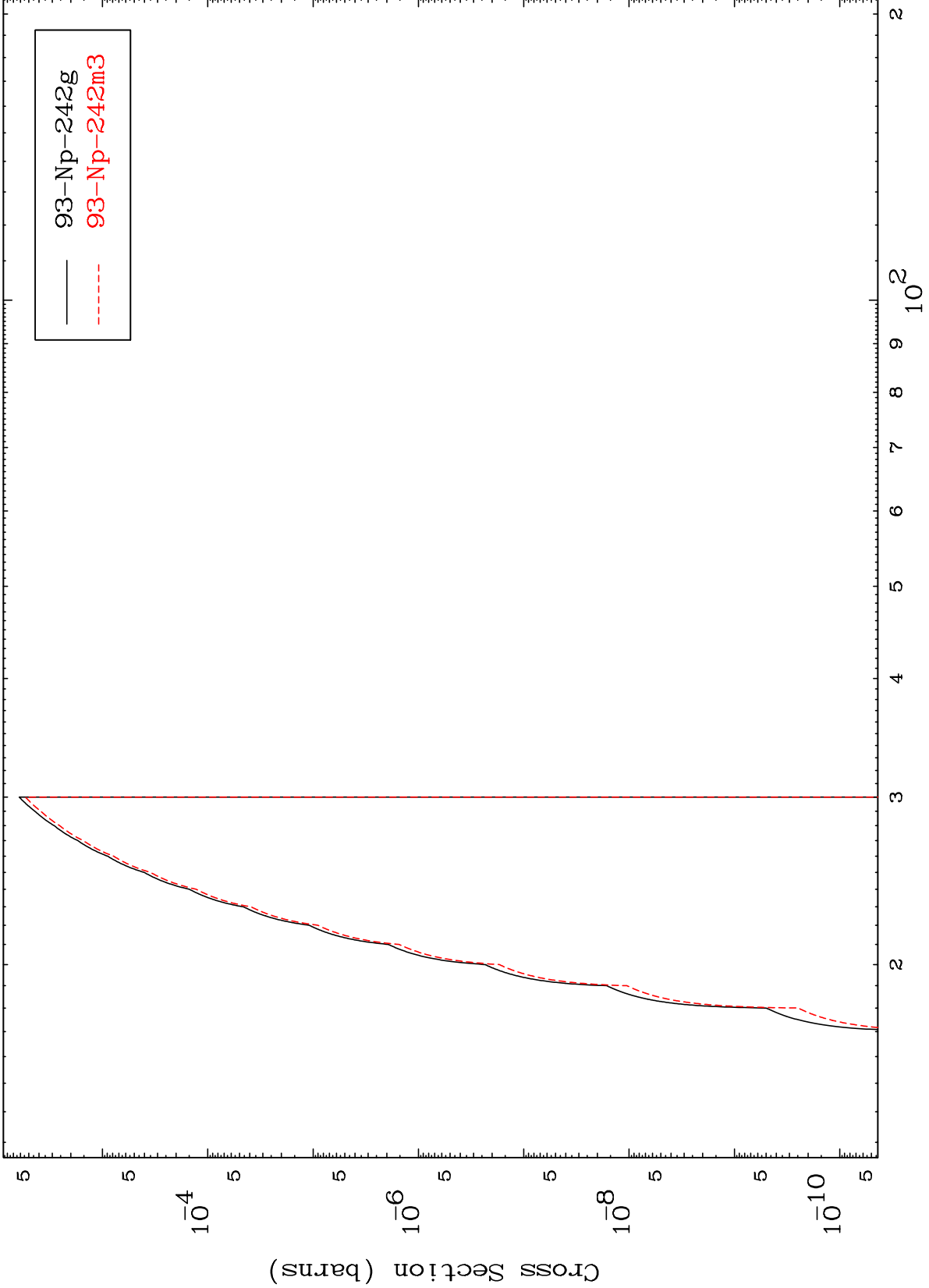


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(n,2n) p

94-Pu-244

Radionuclide Production Cross Section



93-Np-242g
93-Np-242m3

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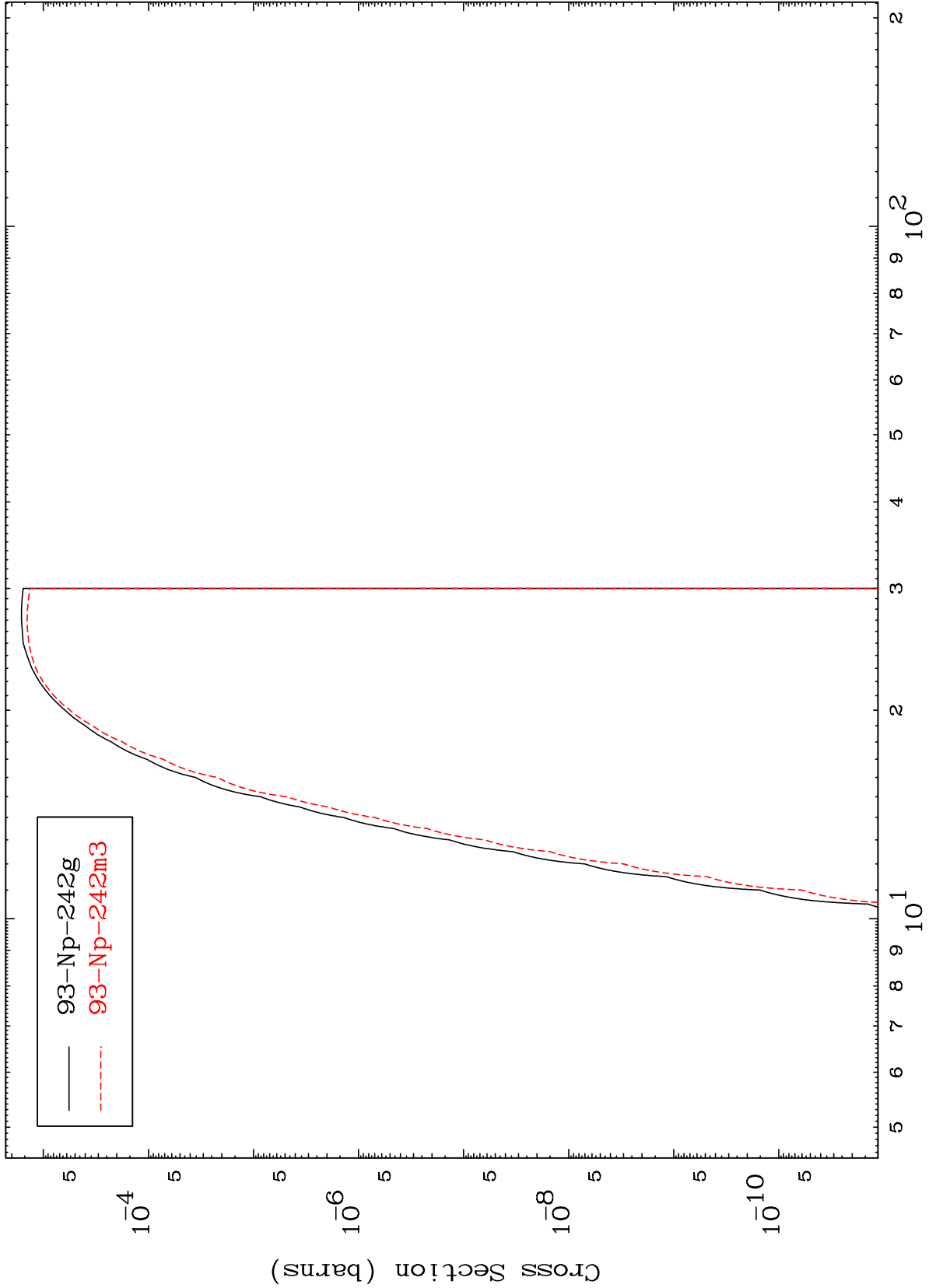
Incident Energy (MeV)

94-Pu-244

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94-Pu-244

(n, t)
Radionuclide Production Cross Section



— 93-Np-242g
- - - 93-Np-242m3

Incident Energy (MeV)

94-Pu-244

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