

Program EVALPLOT
(Version 2018-1)

by

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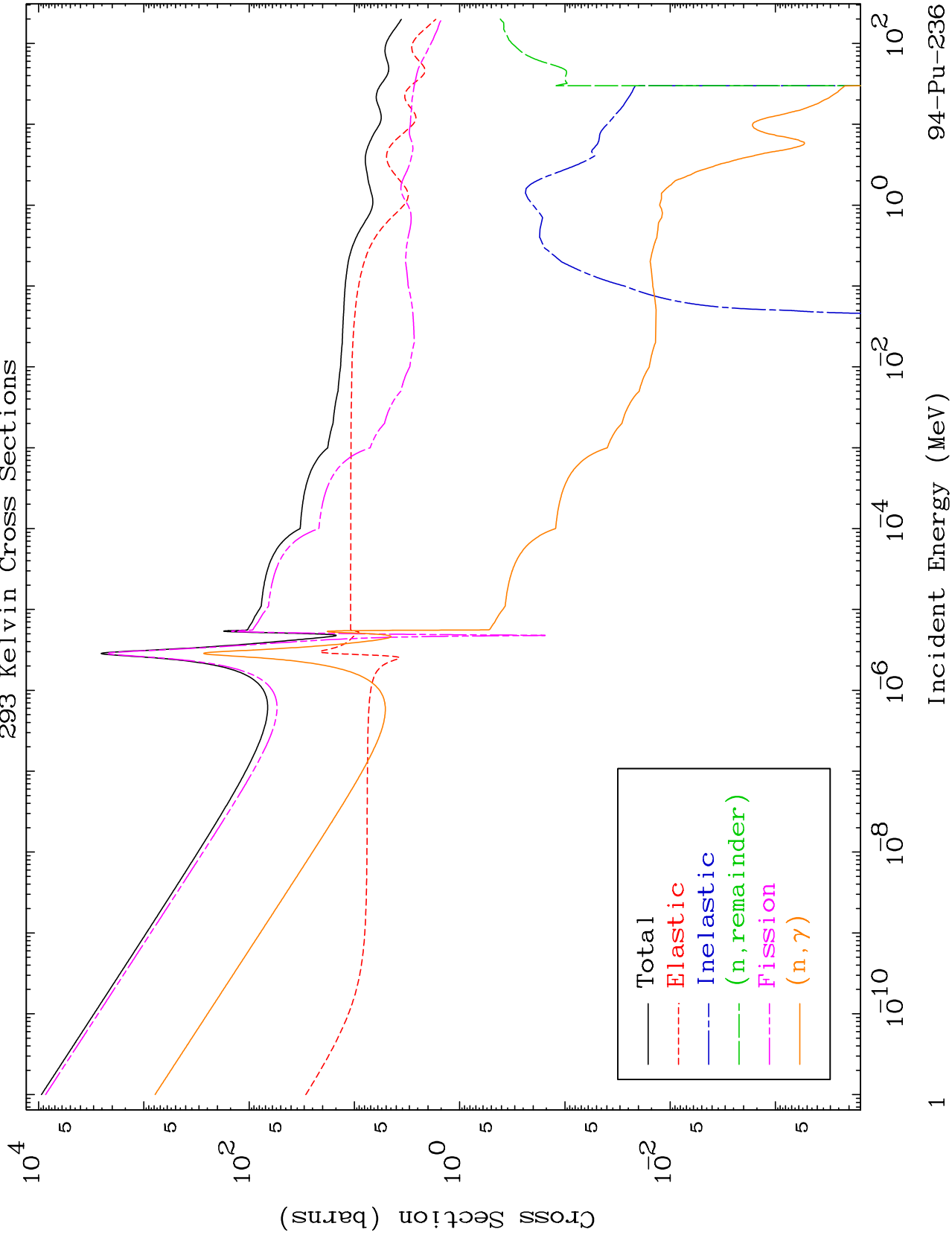
Press Mouse Button to Start

MAT 9428

Major

293 Kelvin Cross Sections

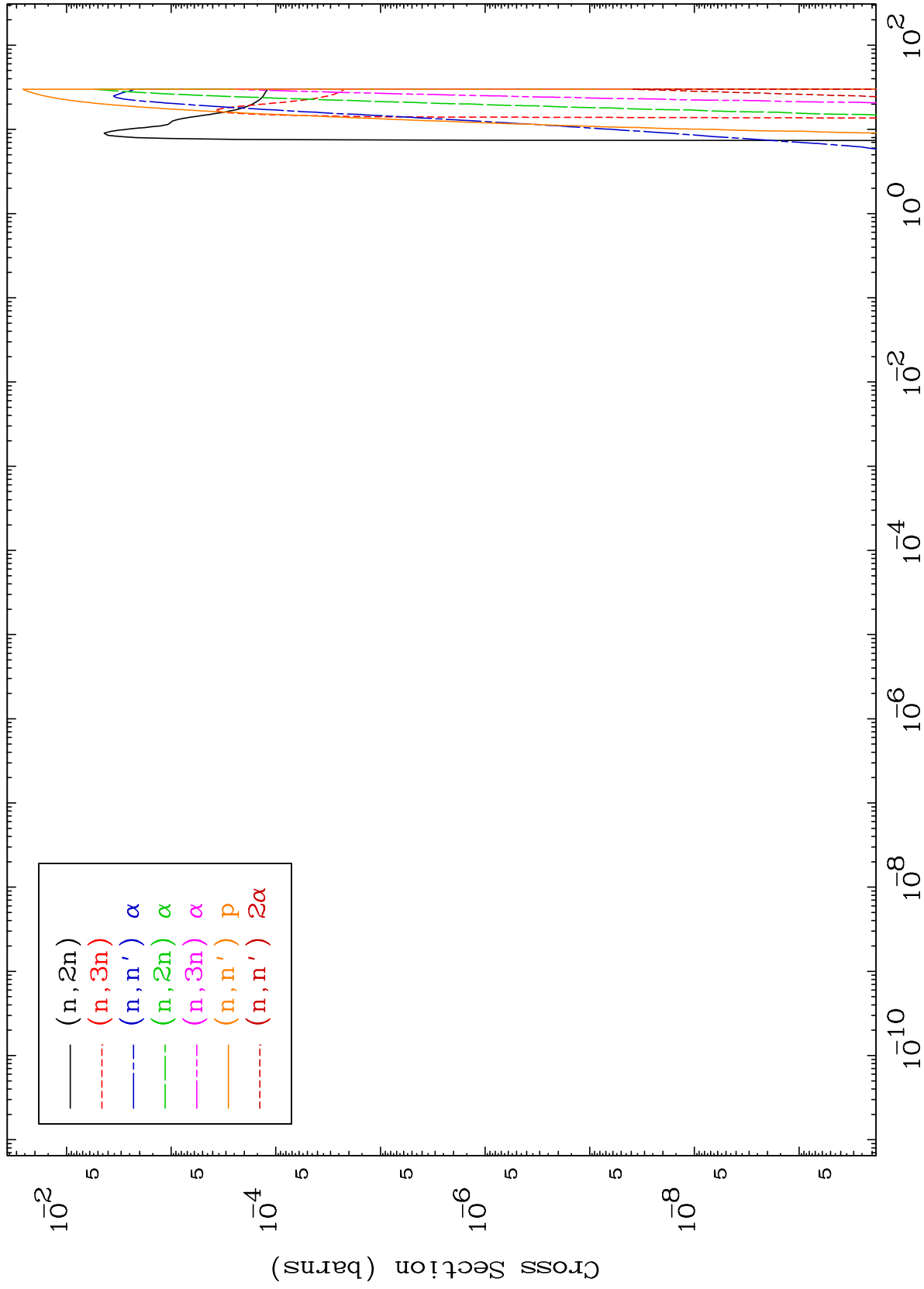
94-Pu-236



MAT 9428

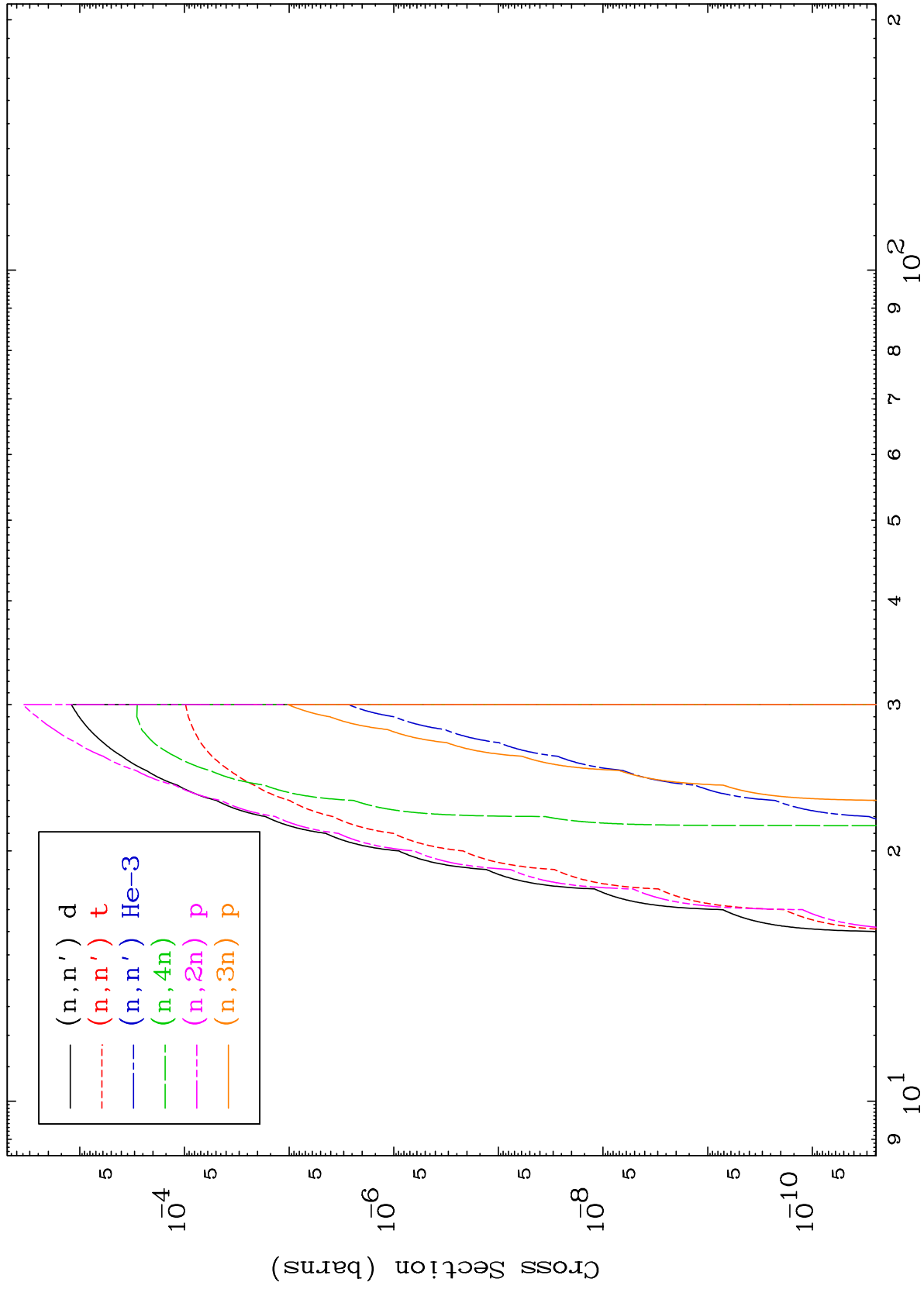
Neutron Production
293 Kelvin Cross Sections

94-Pu-236



2

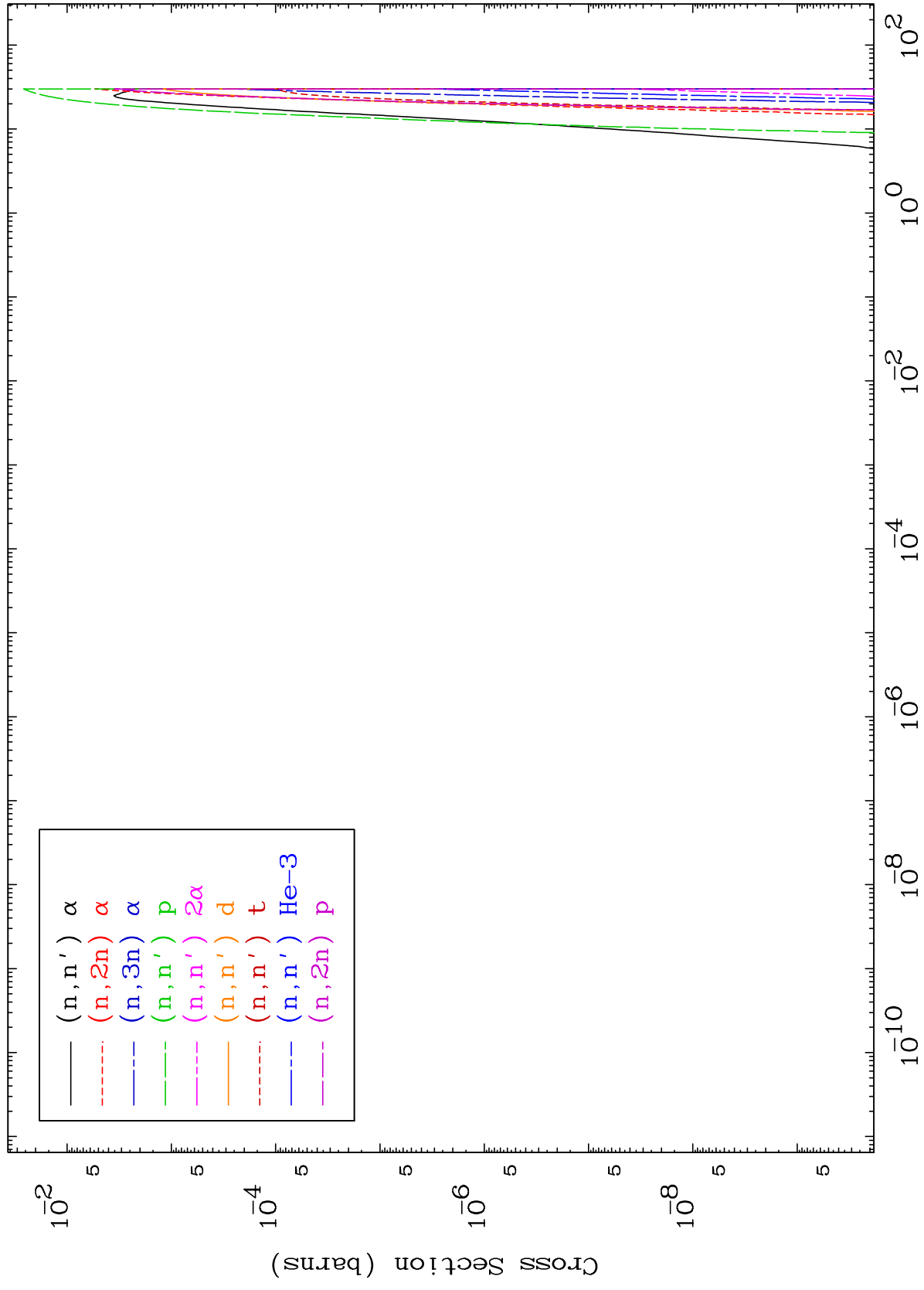
94-Pu-236



MAT 9428

Charged Particle
293 Kelvin Cross Sections

94-Pu-236



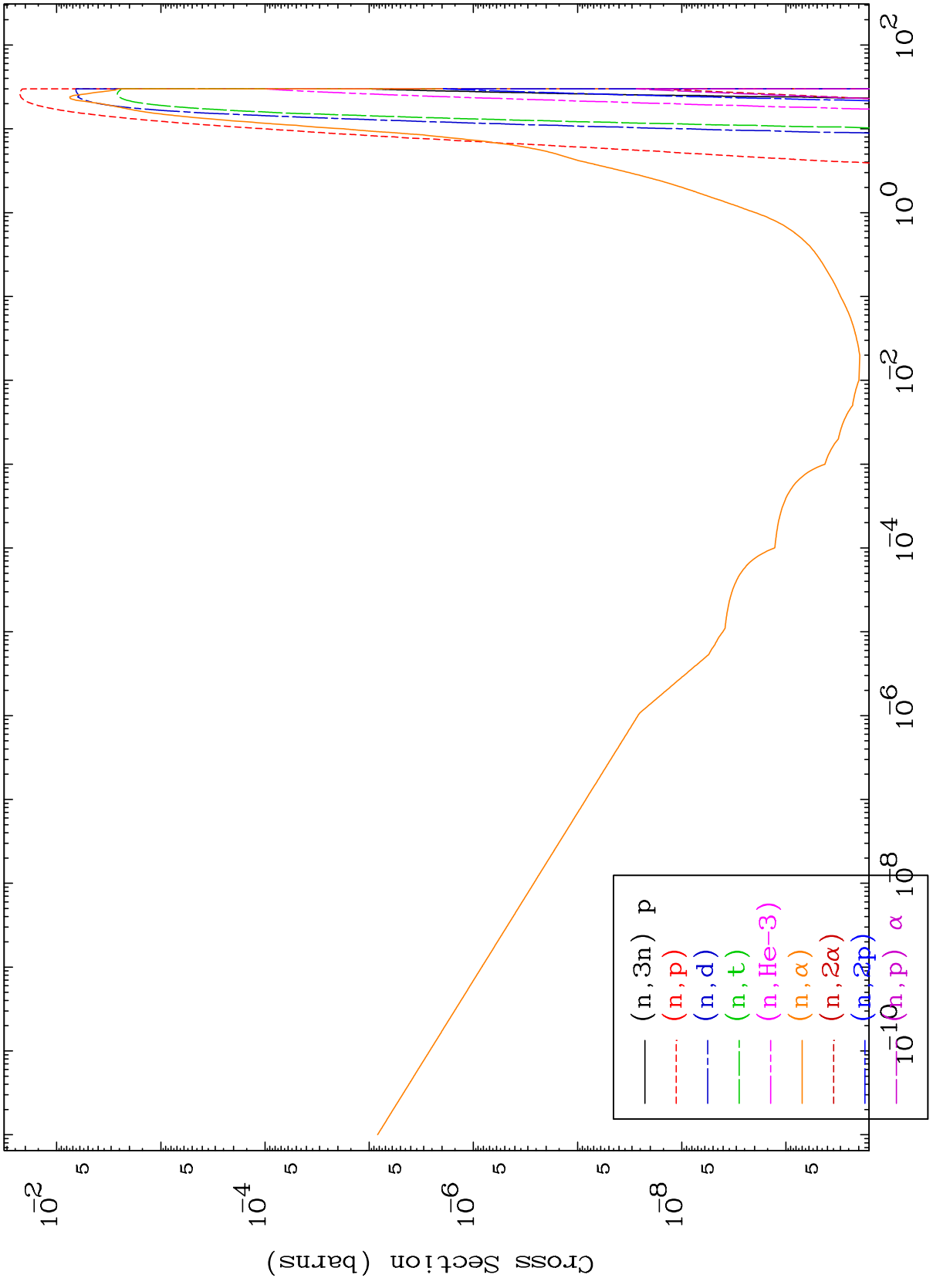
94-Pu-236

Incident Energy (MeV)

MAT 9428

Charged Particle
293 Kelvin Cross Sections

94-Pu-236



94-Pu-236

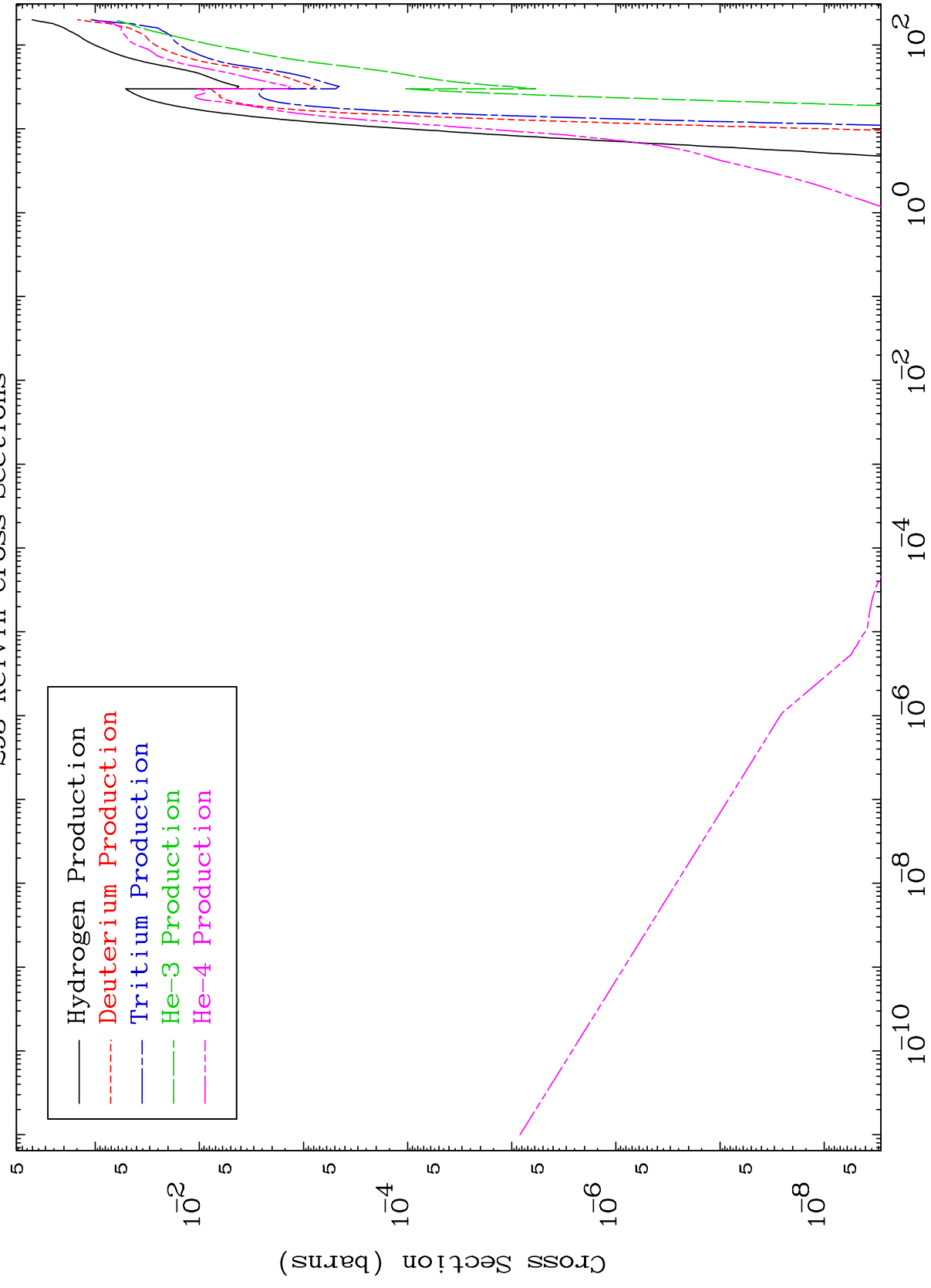
Incident Energy (MeV)

5

MAT 9428

Particle Production
293 Kelvin Cross Sections

94-Pu-236



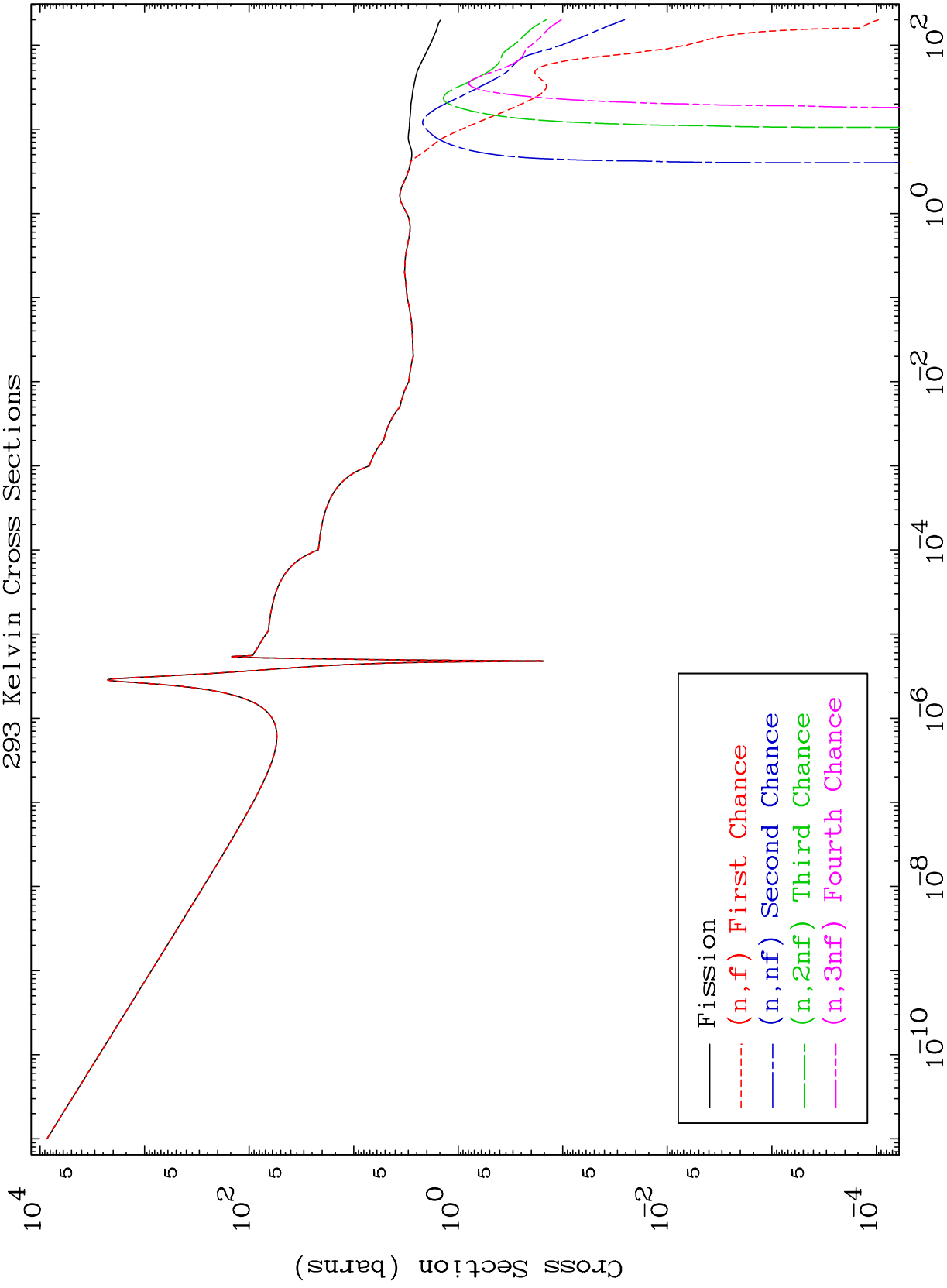
6

94-Pu-236

MAT 9428

Fission
293 Kelvin Cross Sections

94-Pu-236

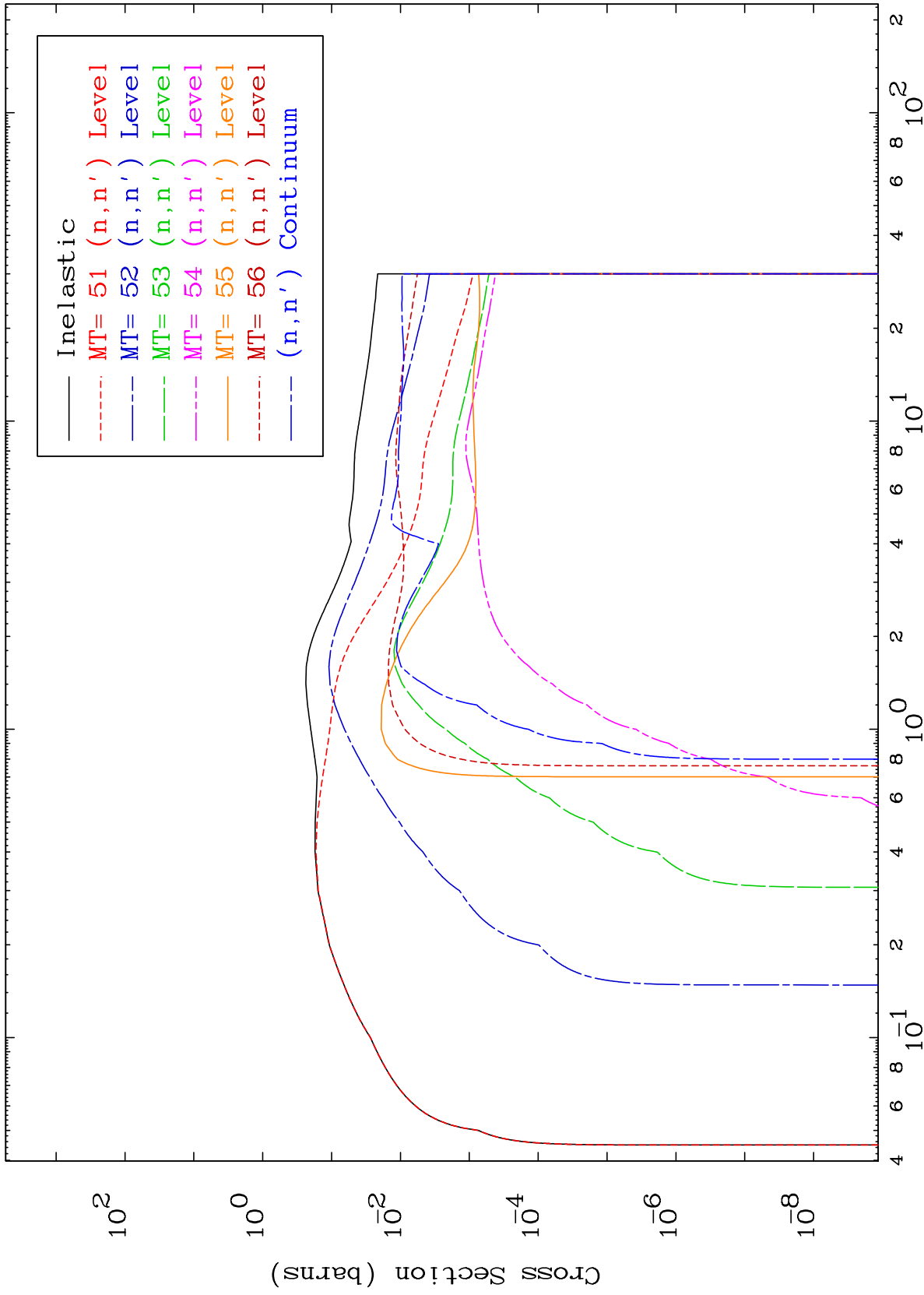


94-Pu-236

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(n,n') Level
293 Kelvin Cross Sections

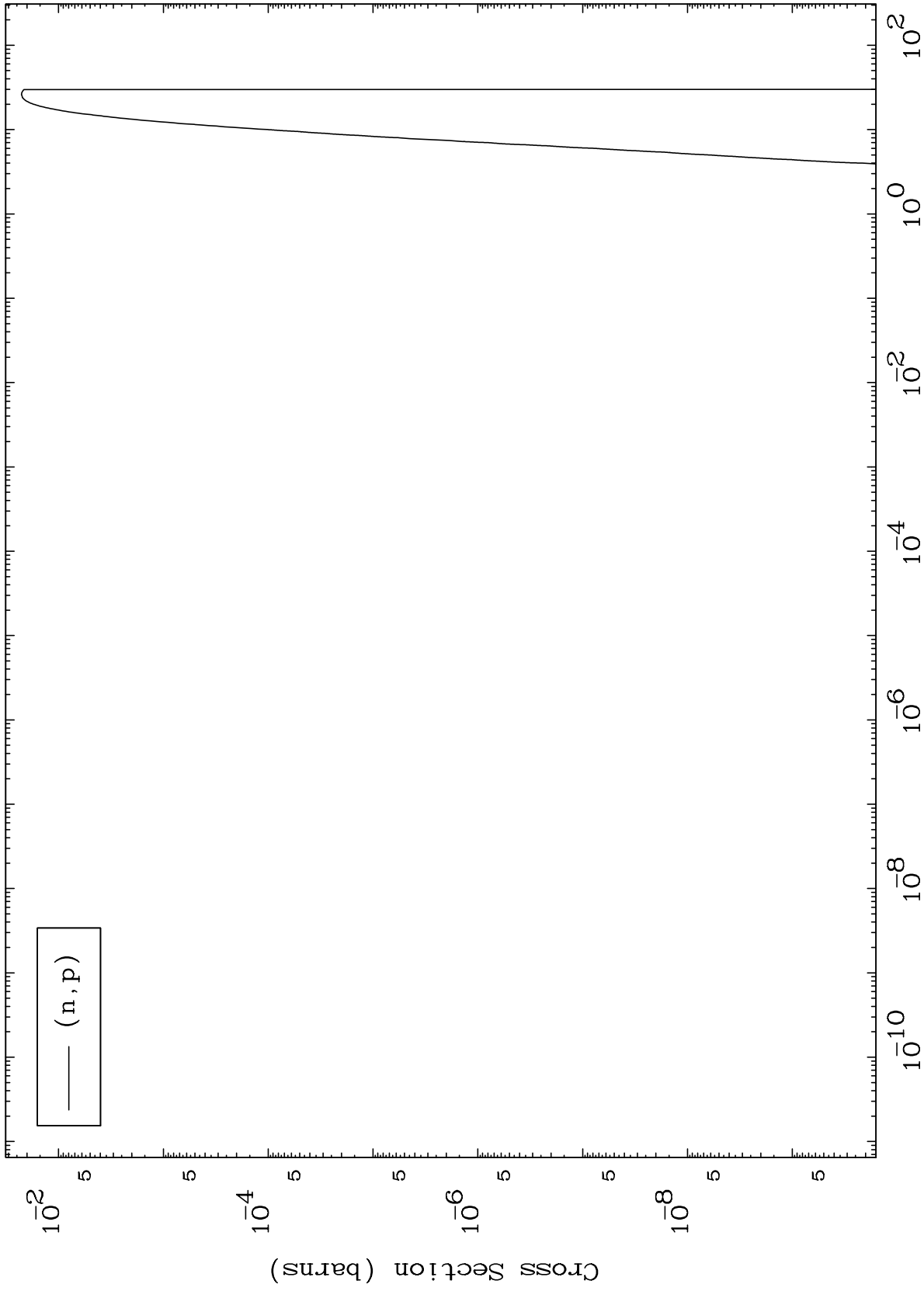
94-Pu-236



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(n,p) Levels
293 Kelvin Cross Sections

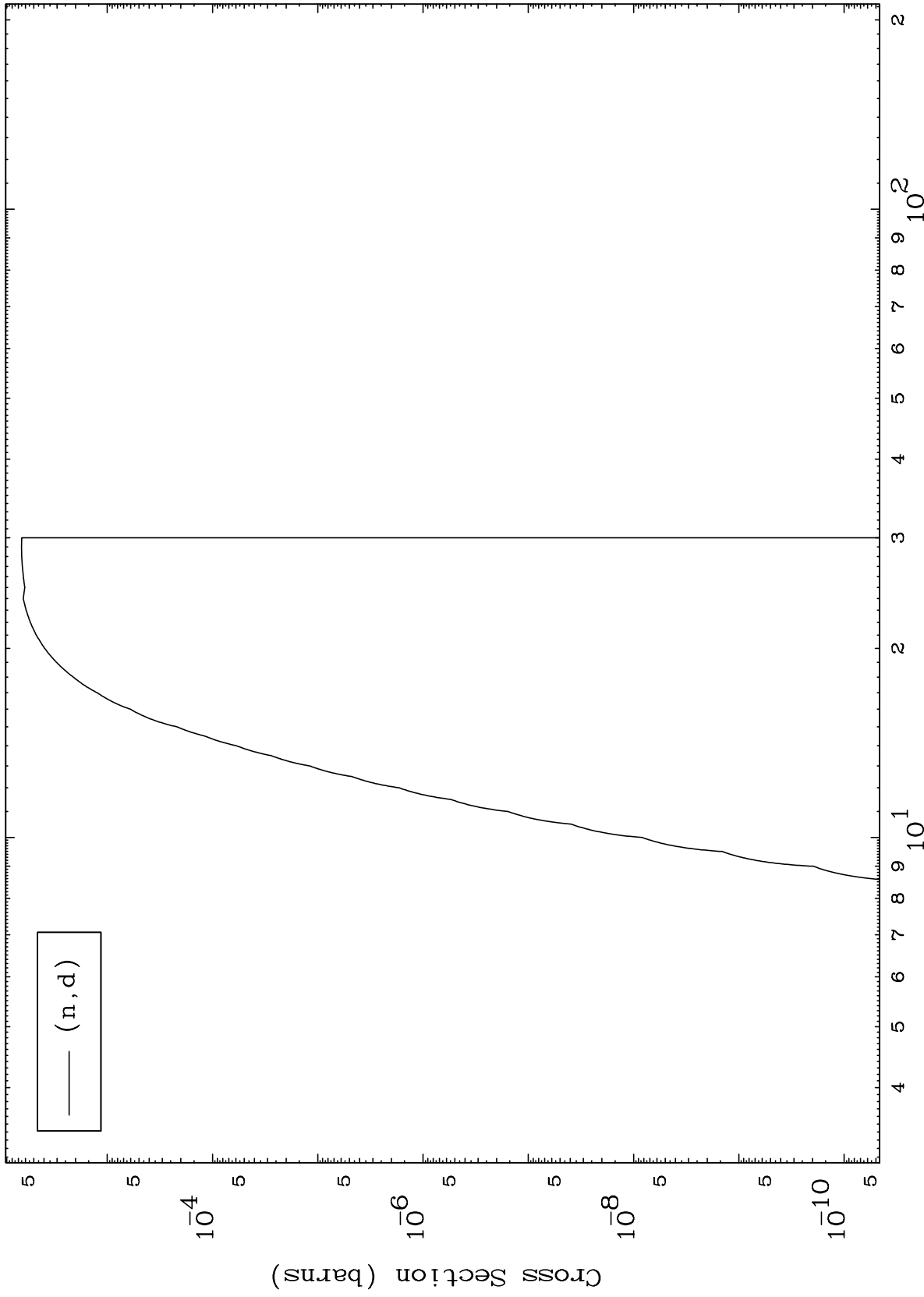
94-Pu-236



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(n,d) Levels
293 Kelvin Cross Sections

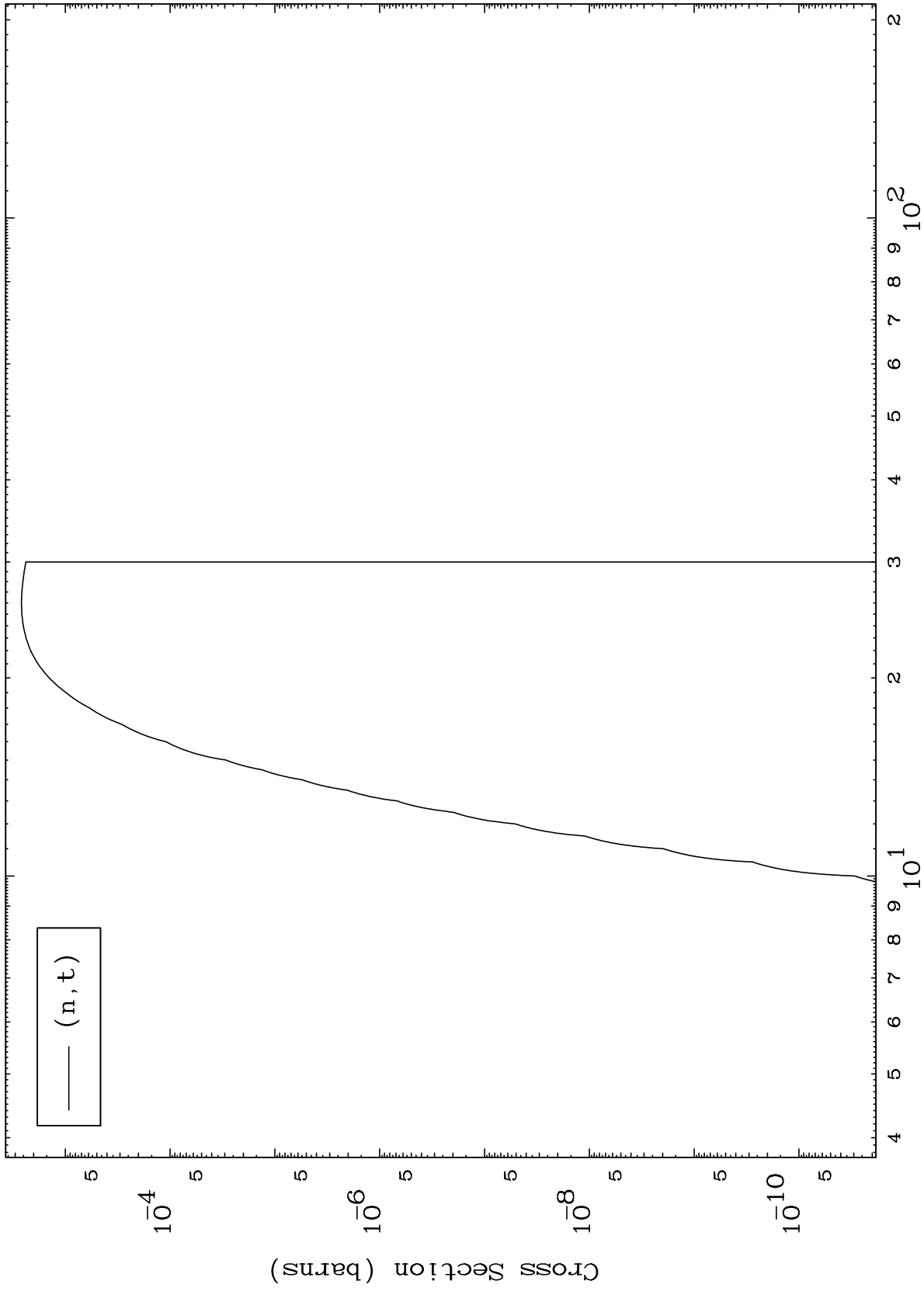
94-Pu-236



10

Incident Energy (MeV)

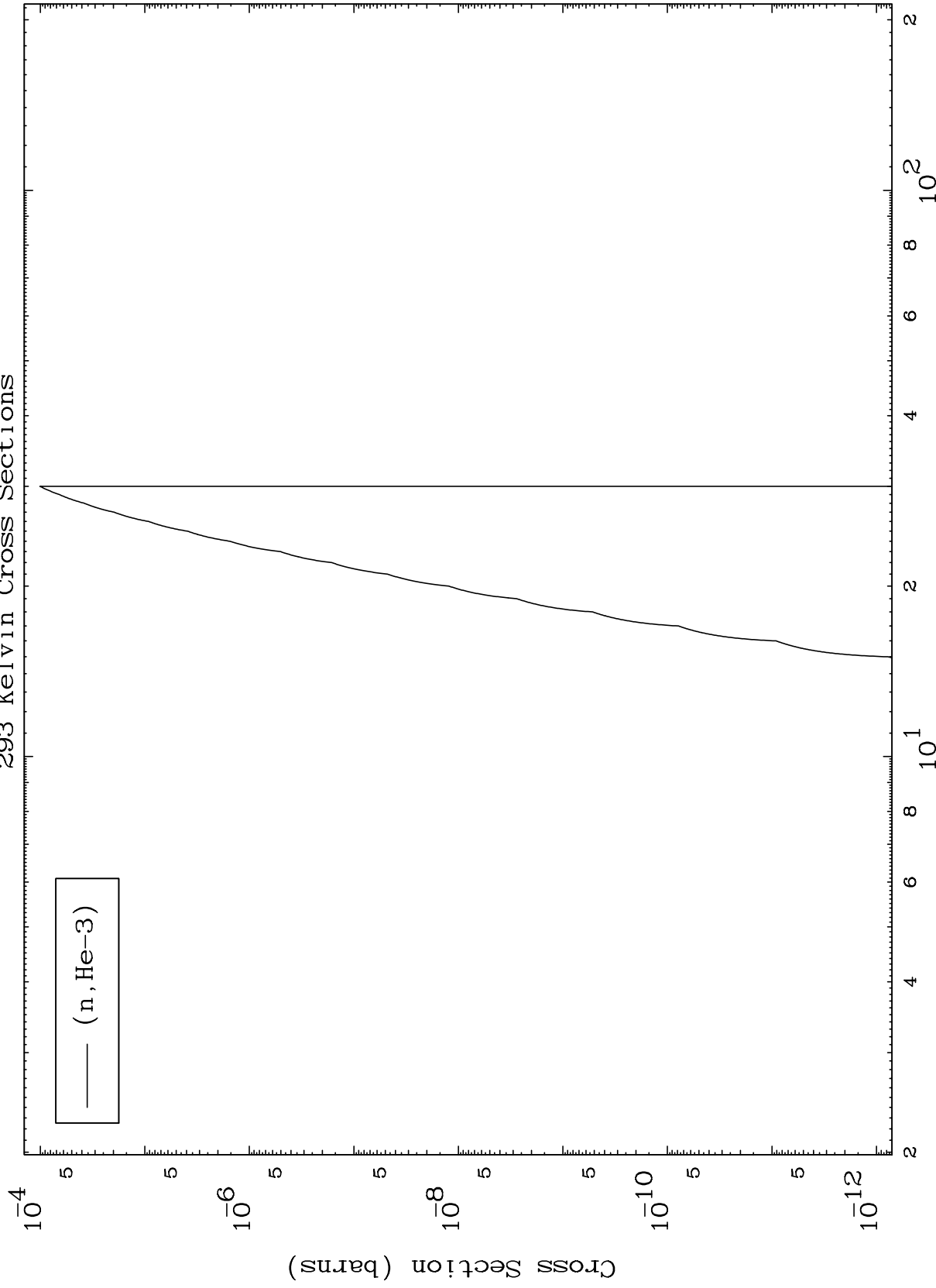
94-Pu-236



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(n,He3) Levels
293 Kelvin Cross Sections

94-Pu-236



12

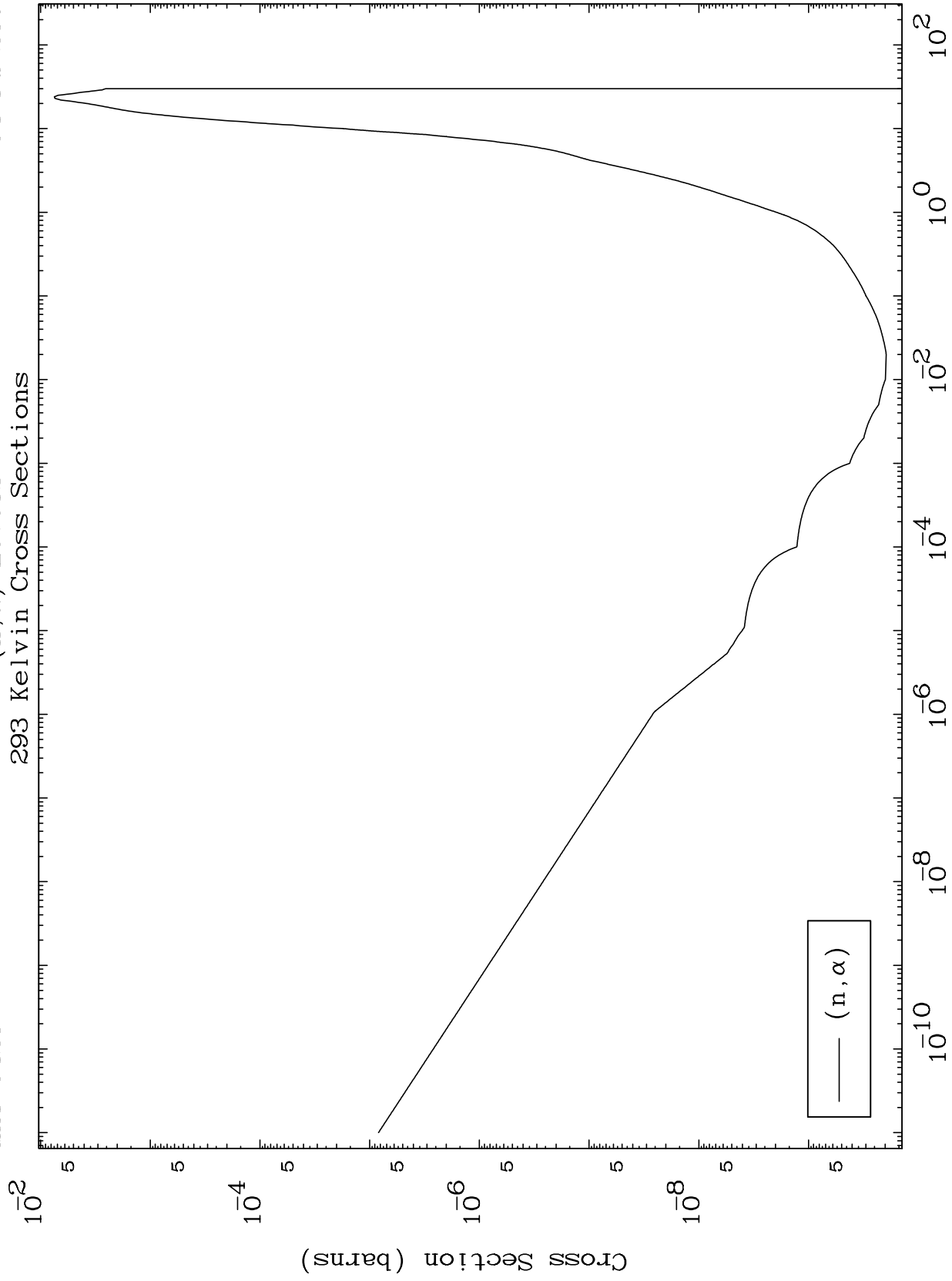
Incident Energy (MeV)

94-Pu-236

MAT 9428

(n,α) Levels
293 Kelvin Cross Sections

94-Pu-236

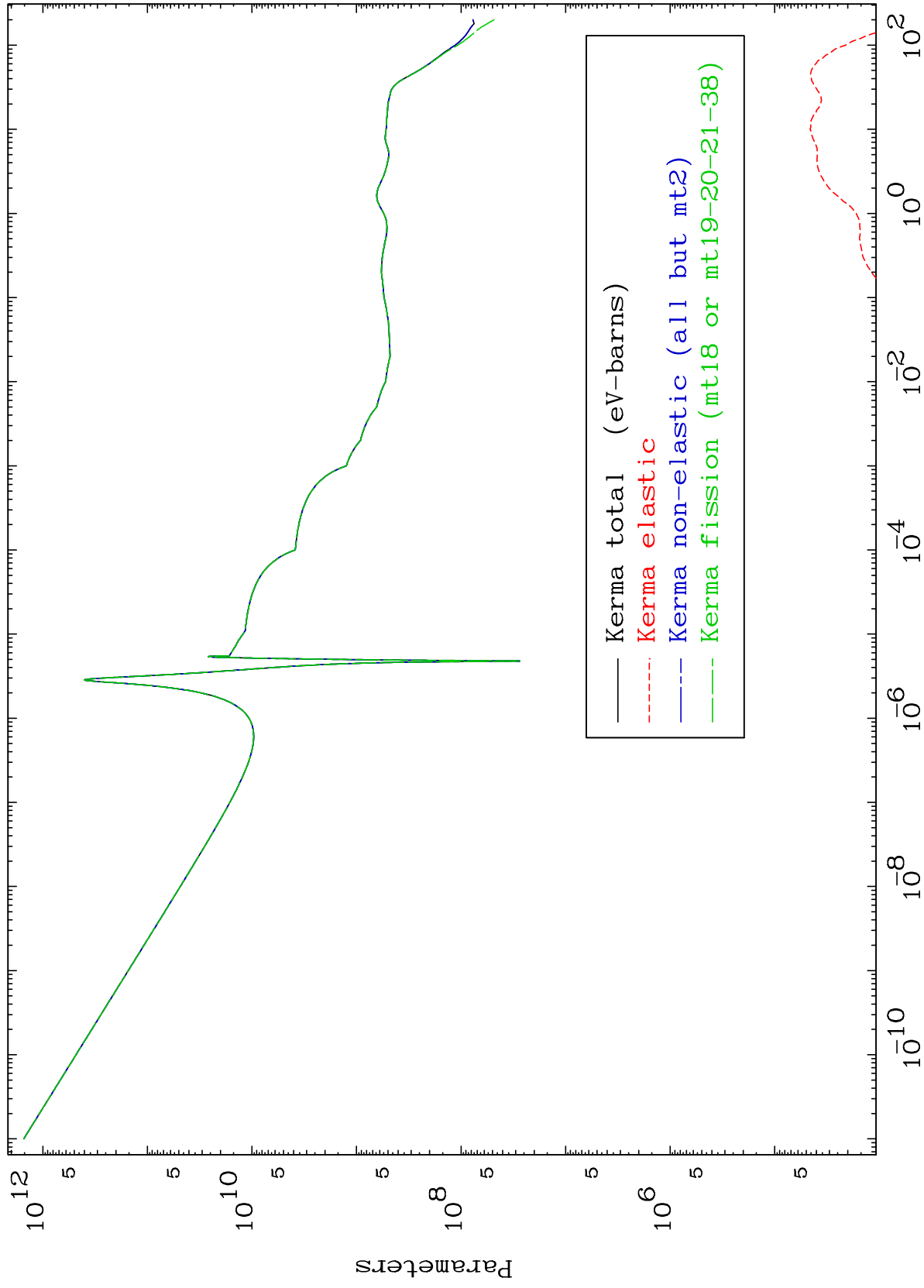


— (n,α)

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Energy Release
Parameters

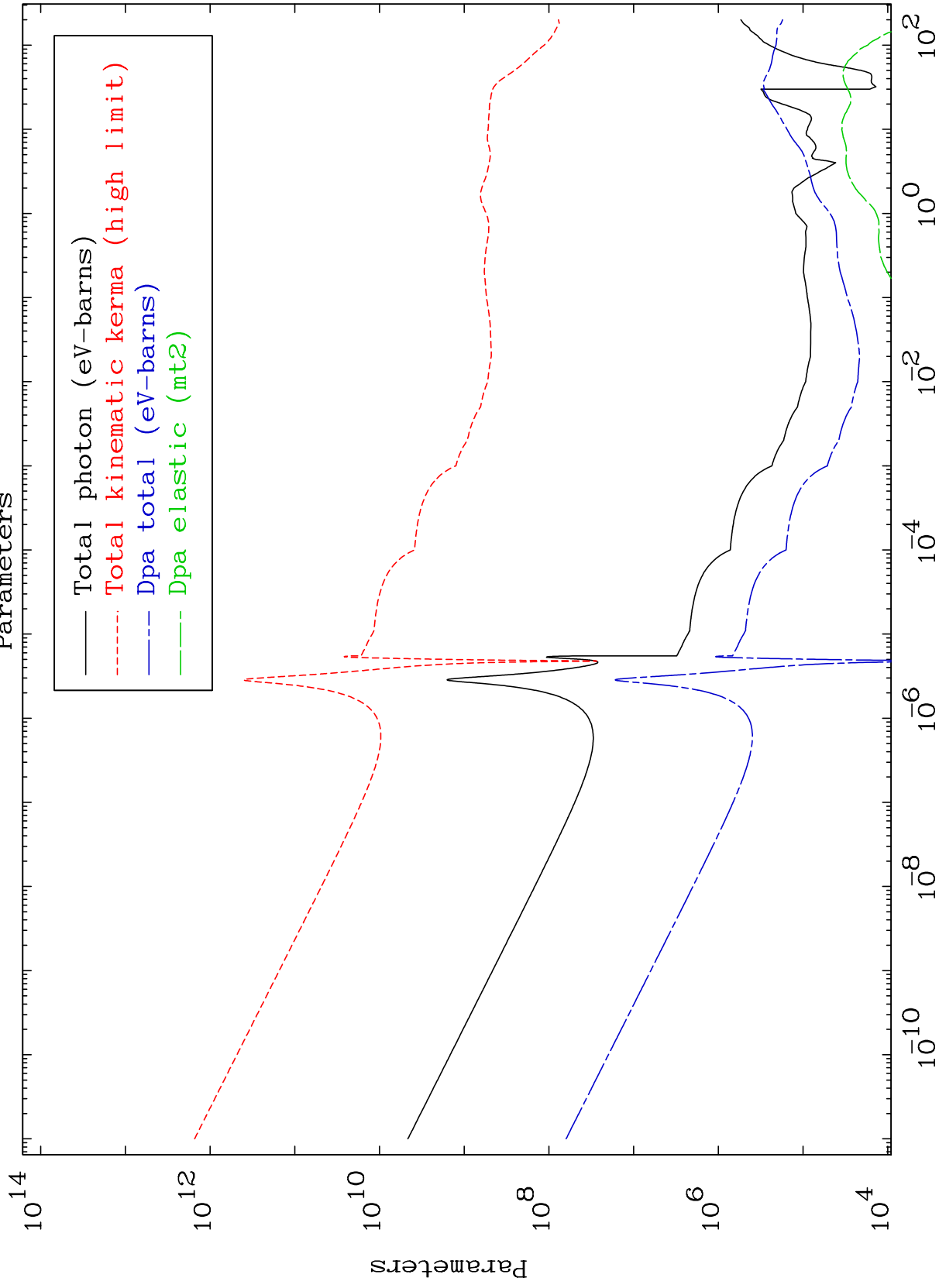
94-Pu-236



14

Incident Energy (MeV)

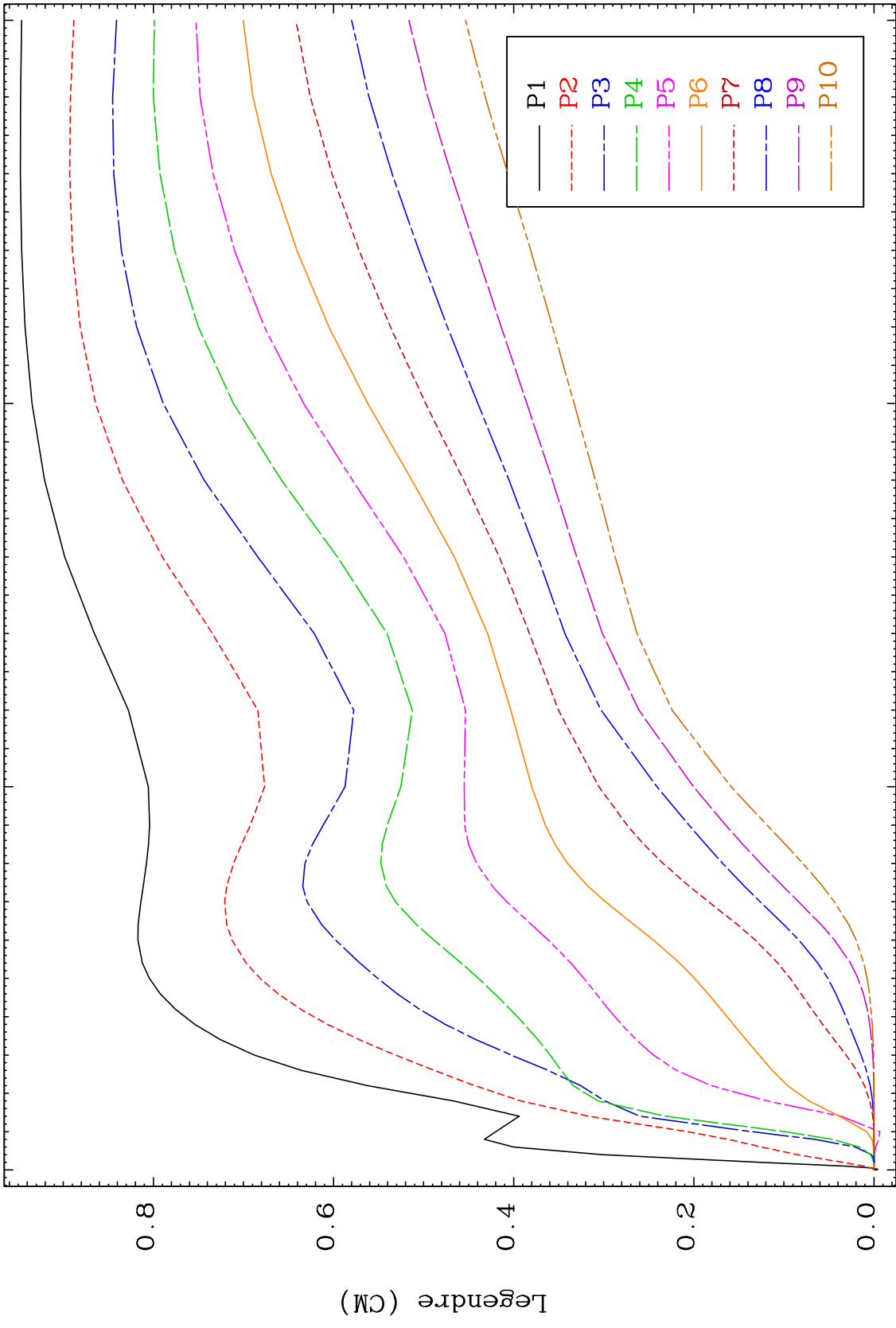
94-Pu-236



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94-Pu-236

Elastic Legendre Coefficients



94-Pu-236

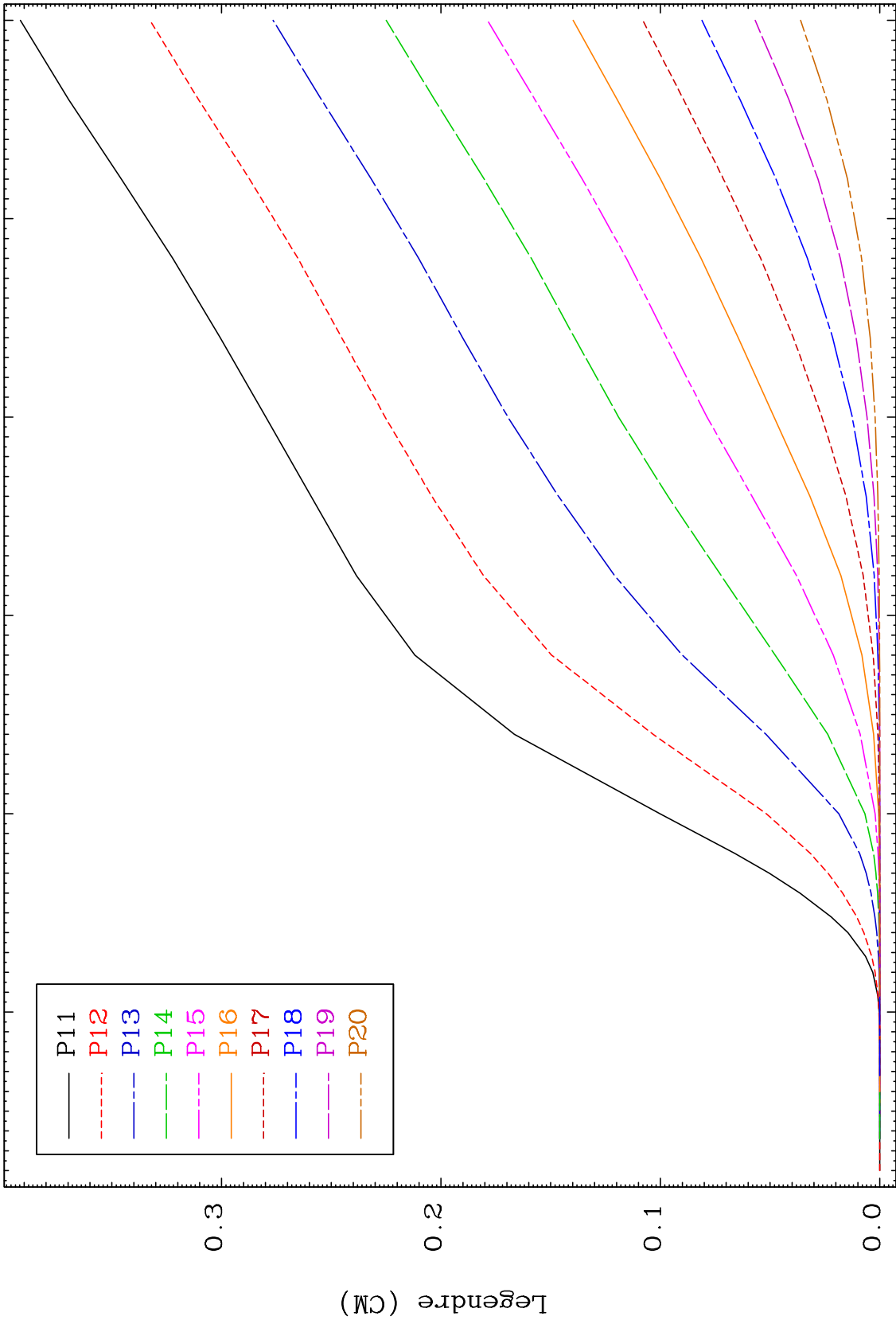
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

94-Pu-236



17

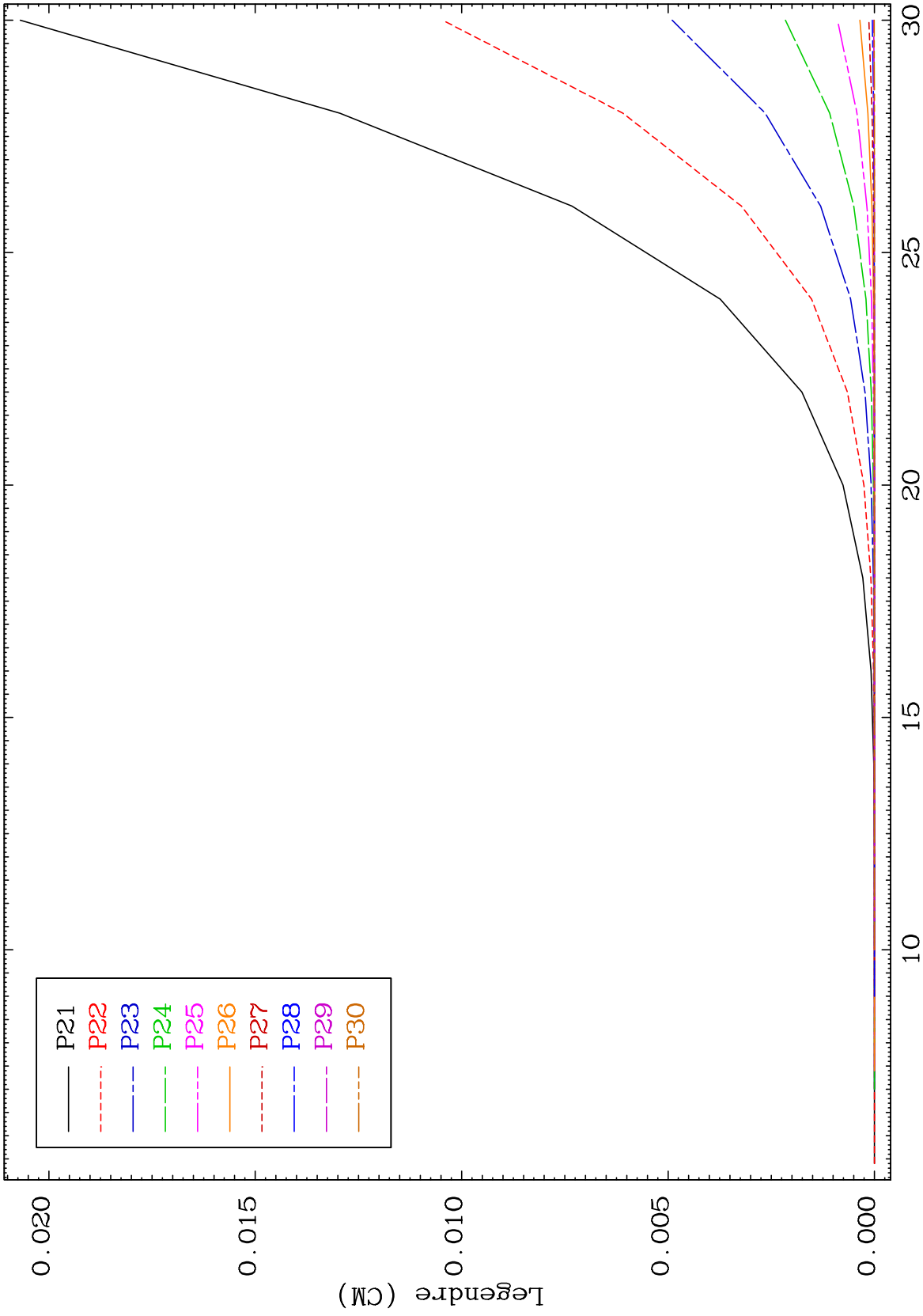
Incident Energy (MeV)

94-Pu-236

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Elastic Legendre Coefficients

94-Pu-236



18

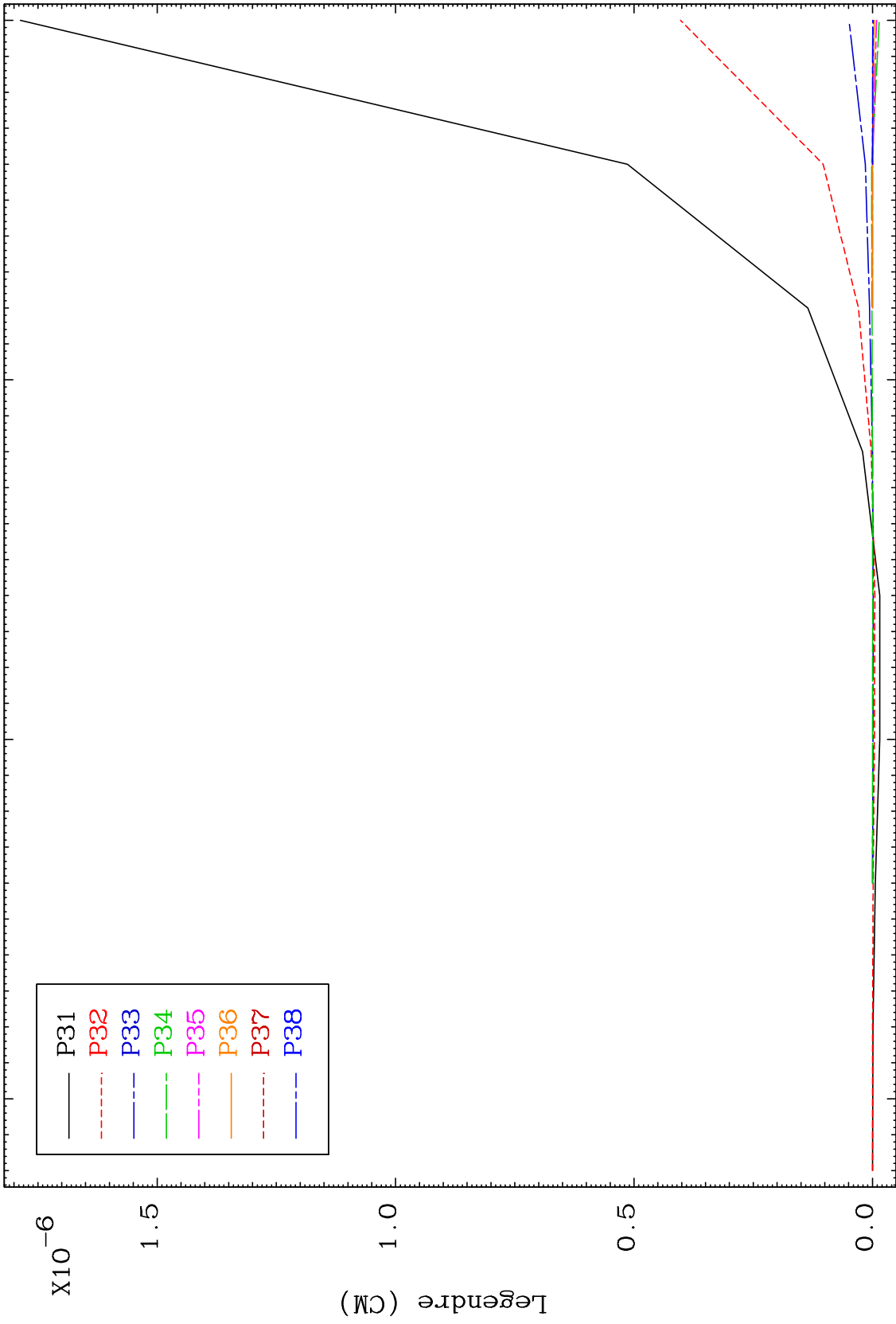
Incident Energy (MeV)

94-Pu-236

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Elastic Legendre Coefficients

94-Pu-236



19

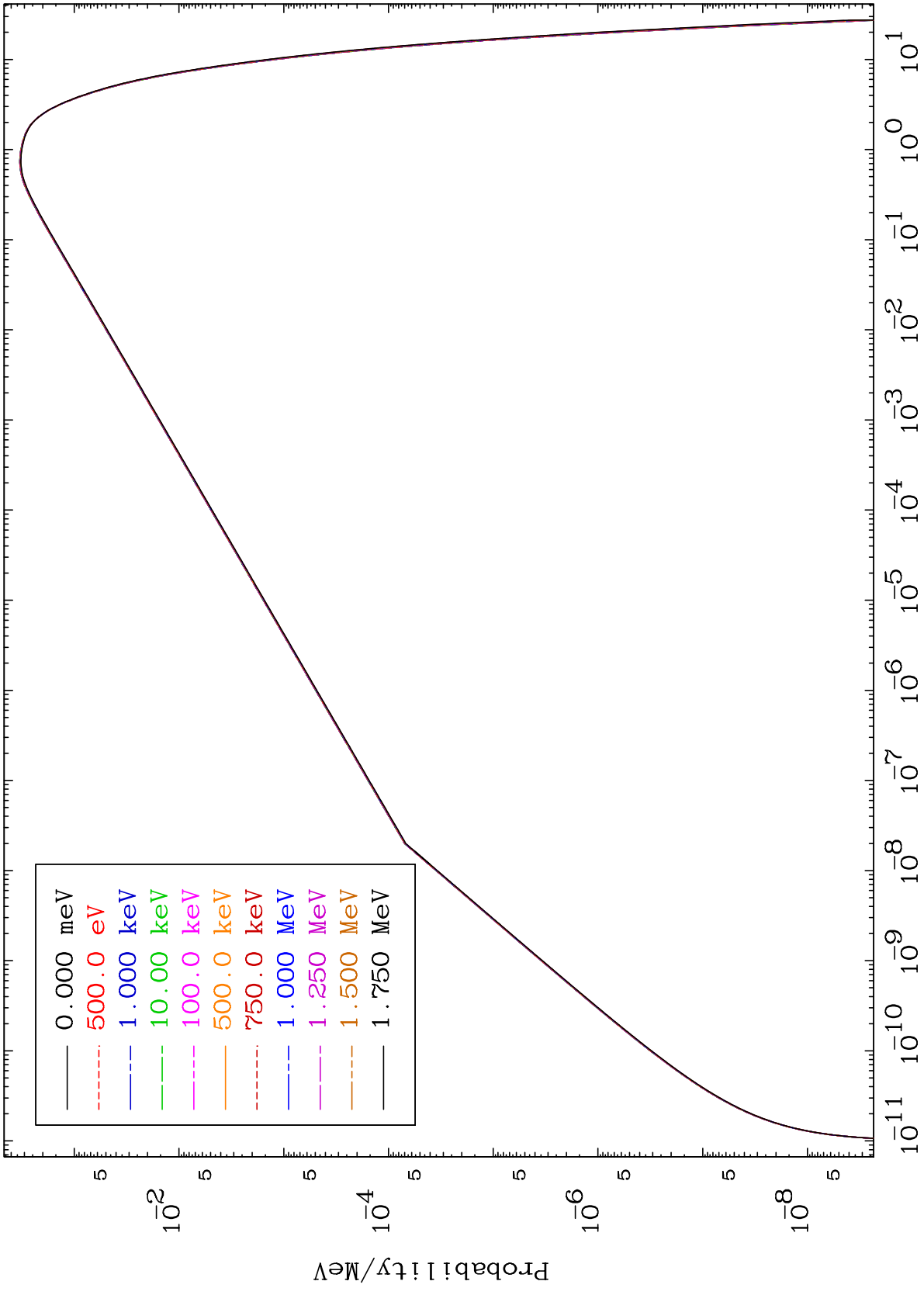
Incident Energy (MeV)

94-Pu-236

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Fission Energy Distribution

94-Pu-236

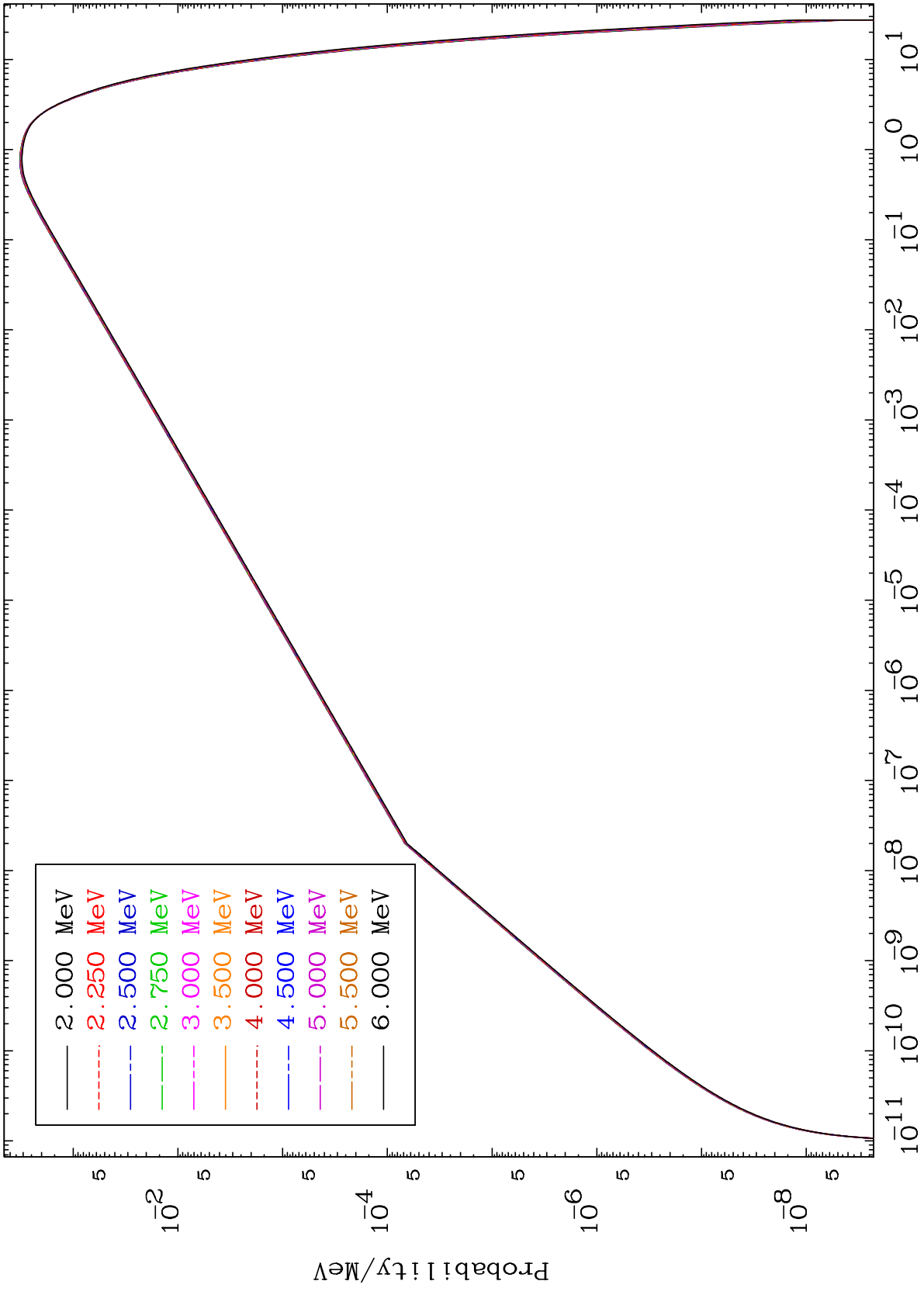


94-Pu-236

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Fission Energy Distribution

94-Pu-236

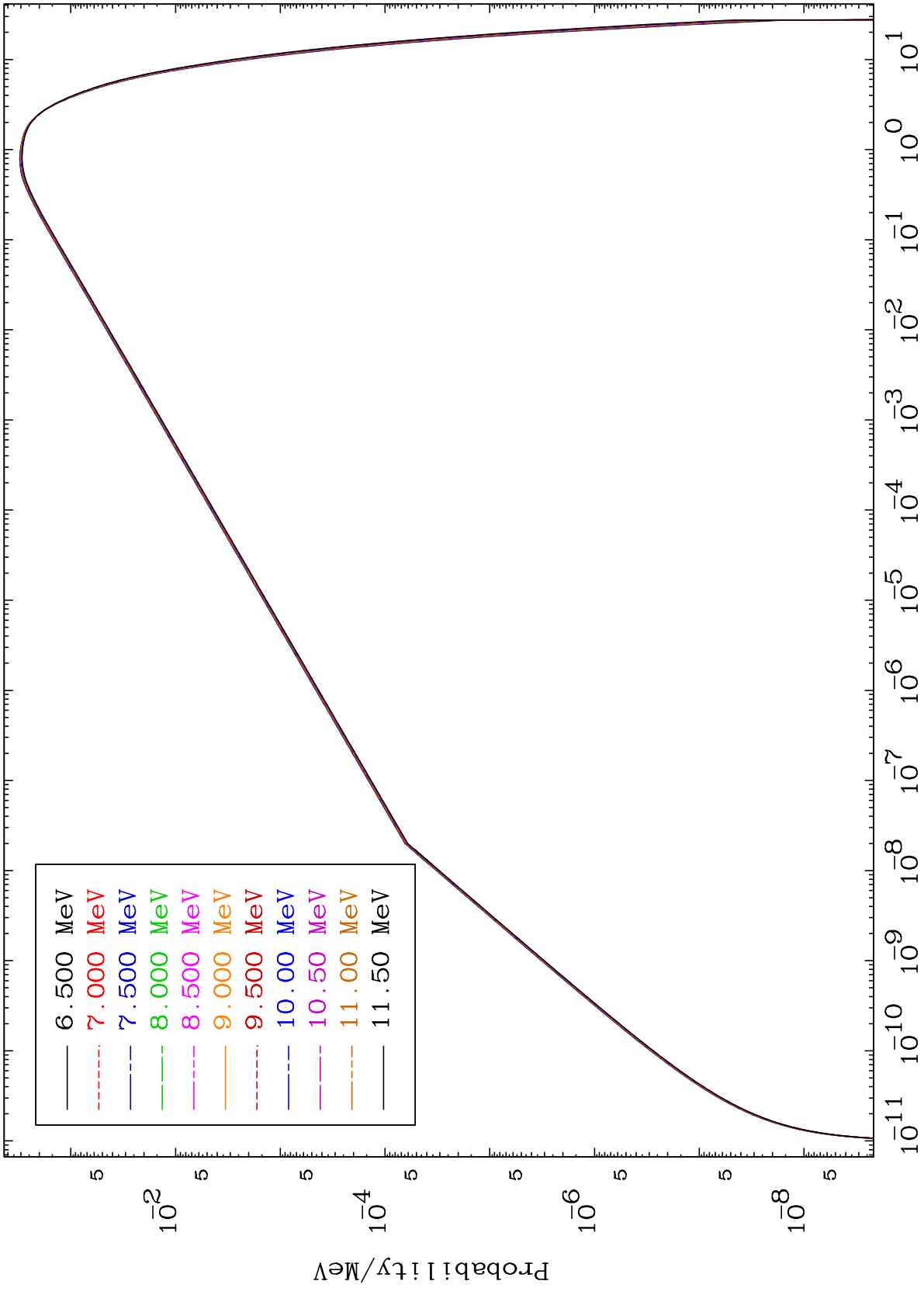


94-Pu-236

MAT 9428

Fission Energy Distribution

94-Pu-236

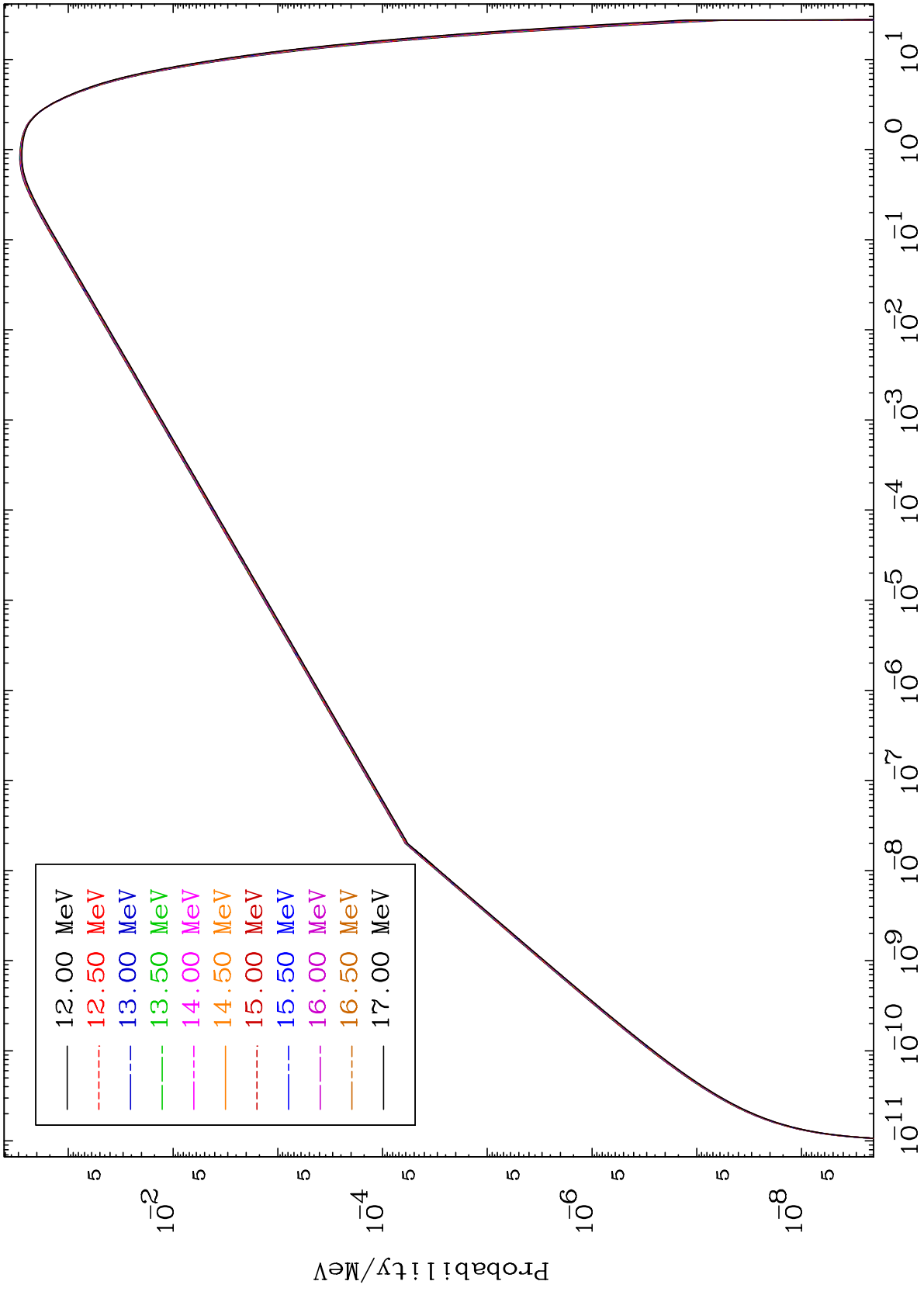


94-Pu-236

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Fission Energy Distribution

94-Pu-236



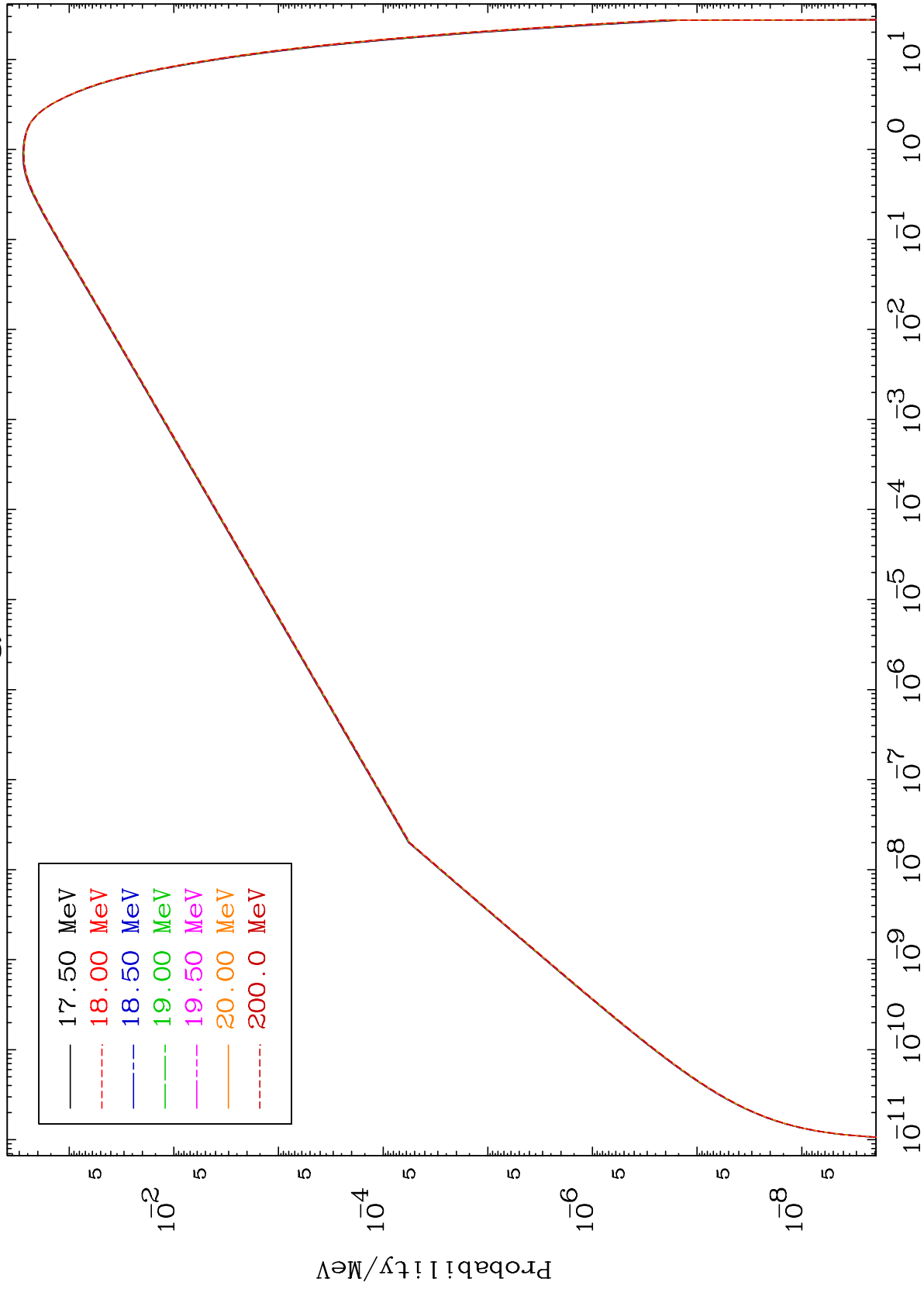
23

94-Pu-236

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Fission Energy Distribution

94-Pu-236

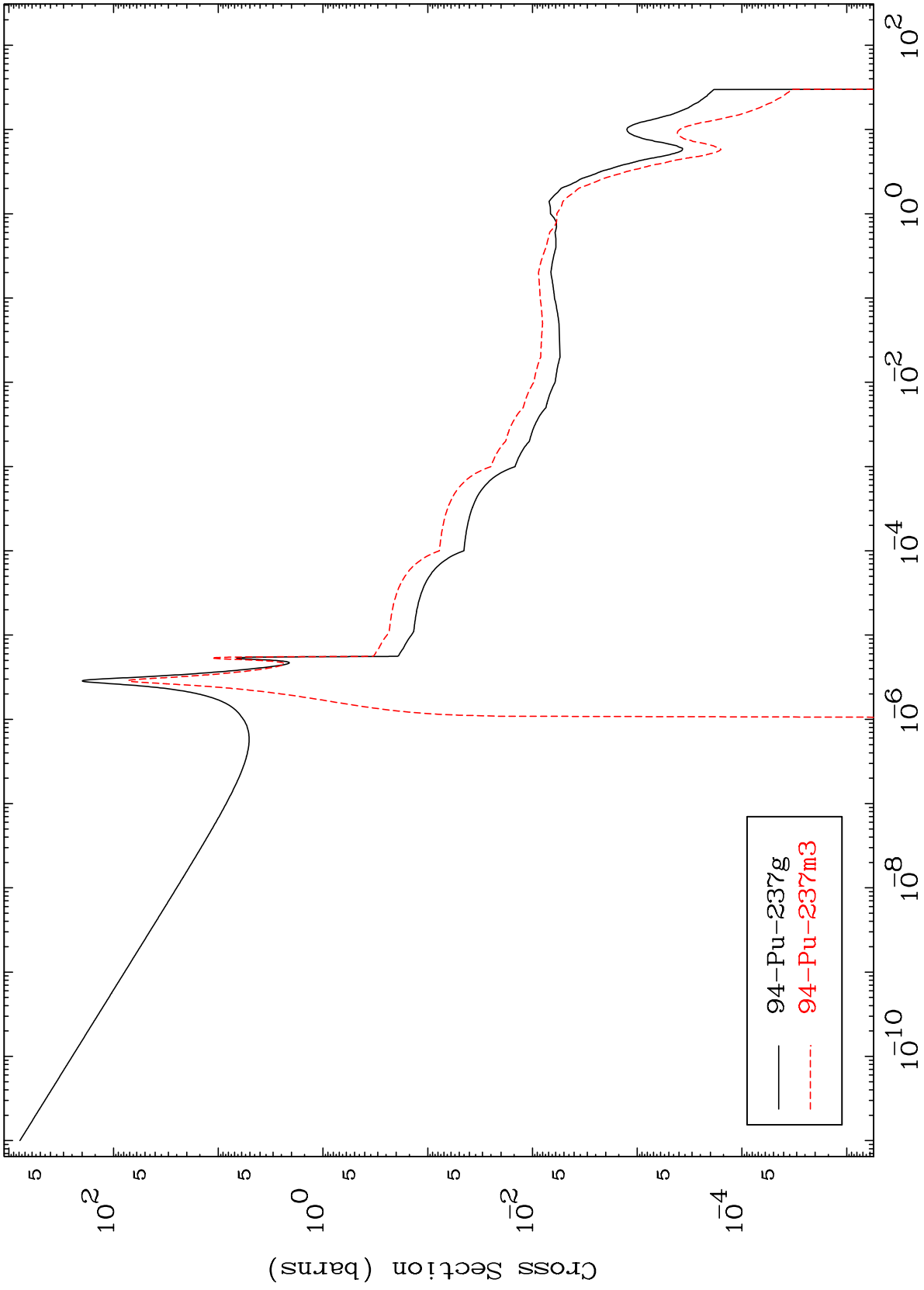


- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

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94-Pu-236

(n,γ)
Radionuclide Production Cross Section

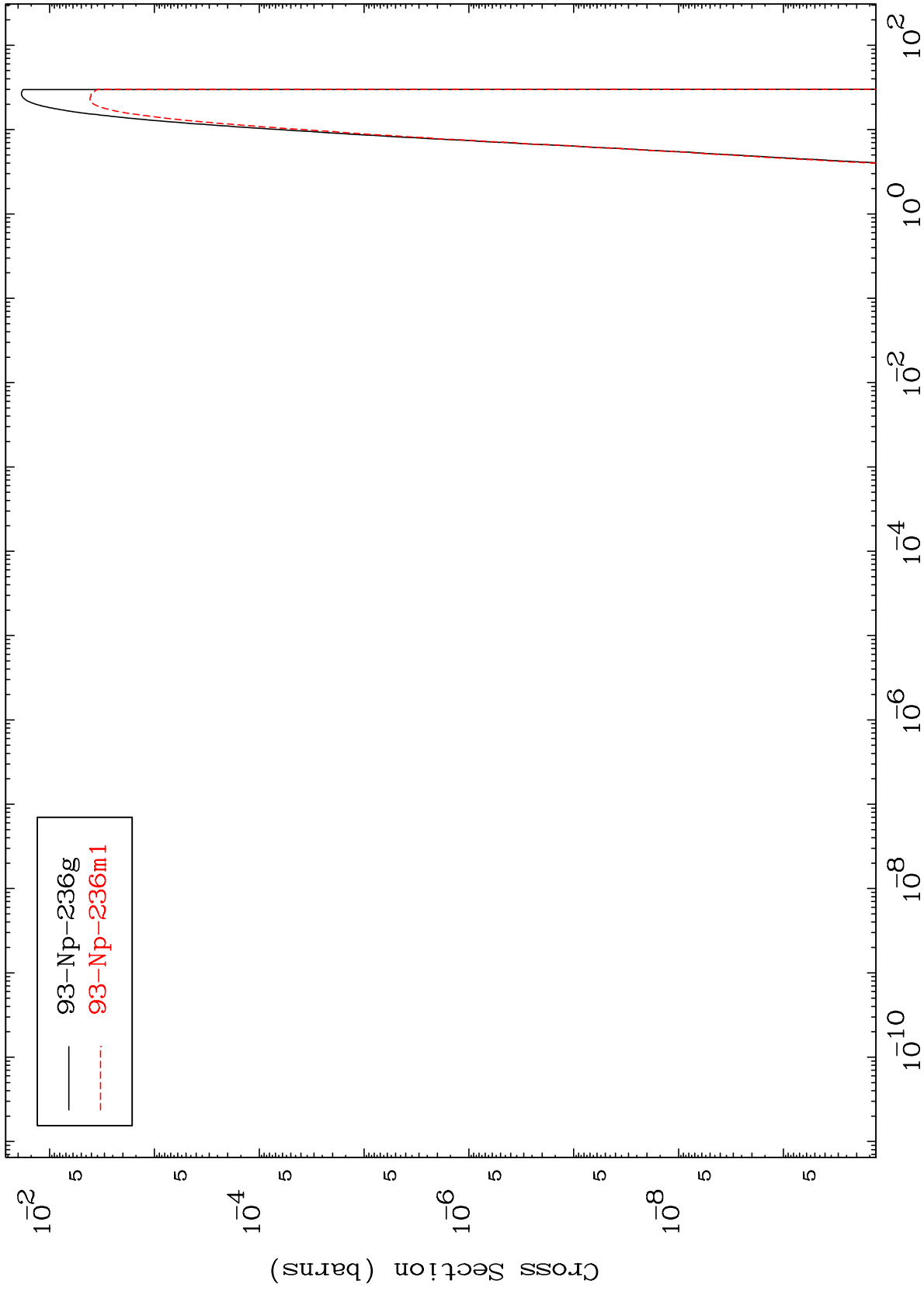


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(n,p)

94-Pu-236

Radionuclide Production Cross Section



26

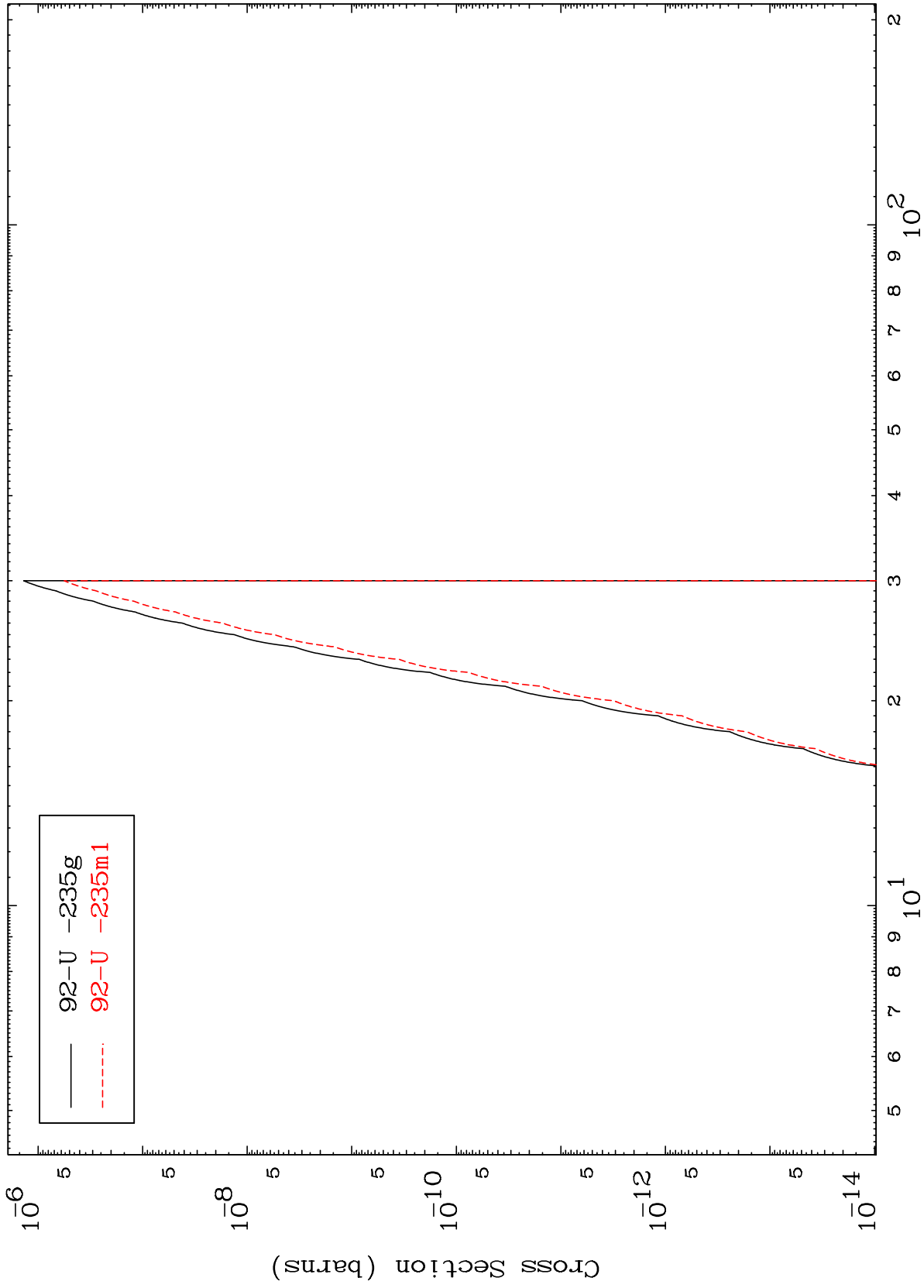
Incident Energy (MeV)

94-Pu-236

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94-Pu-236

(n,2p)
Radionuclide Production Cross Section



92-U -235g
92-U -235m1

27

94-Pu-236