

Program EVALPLOT
(Version 2018-1)

by

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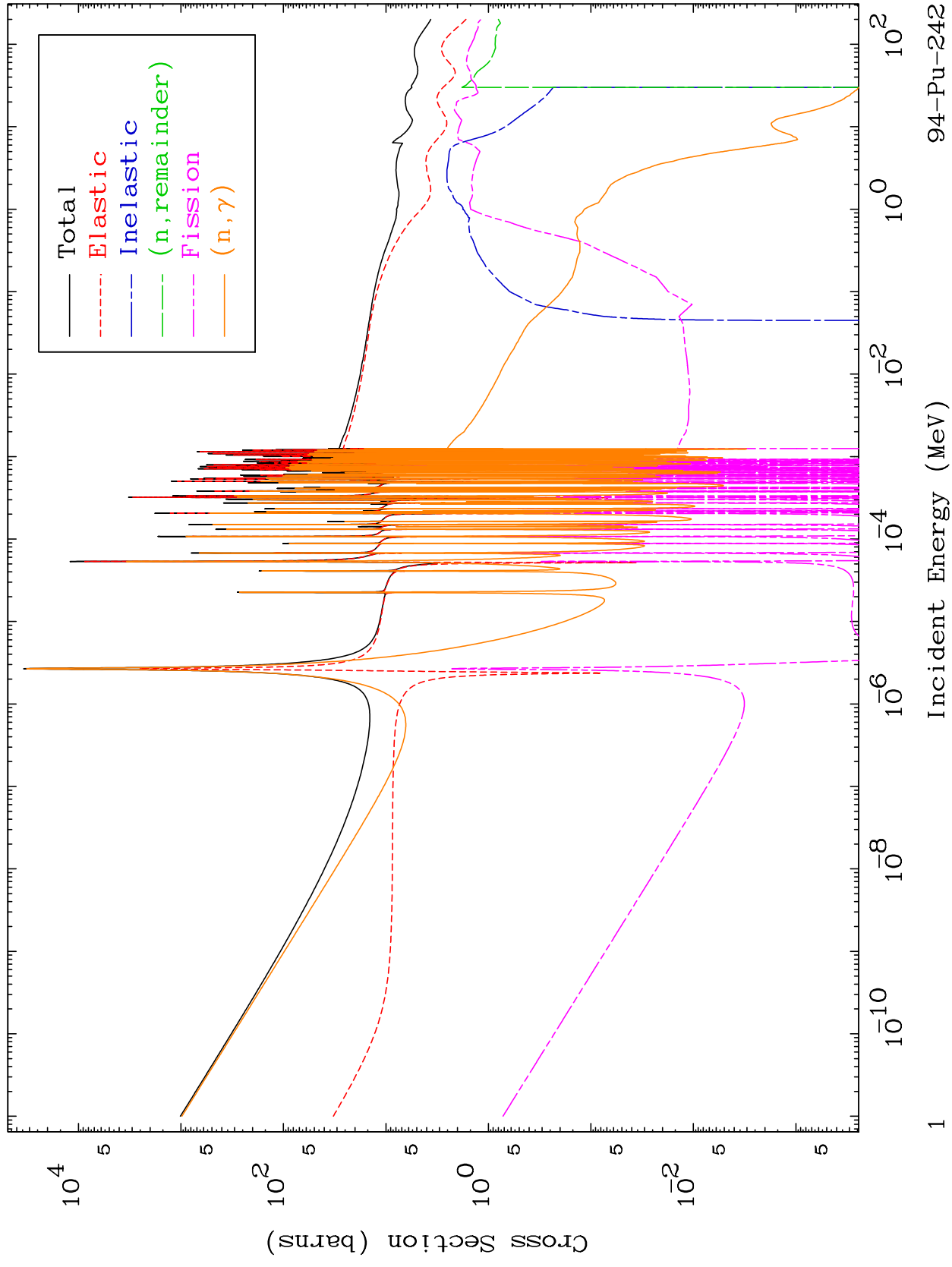
Press Mouse Button to Start

MAT 9446

Major

293 Kelvin Cross Sections

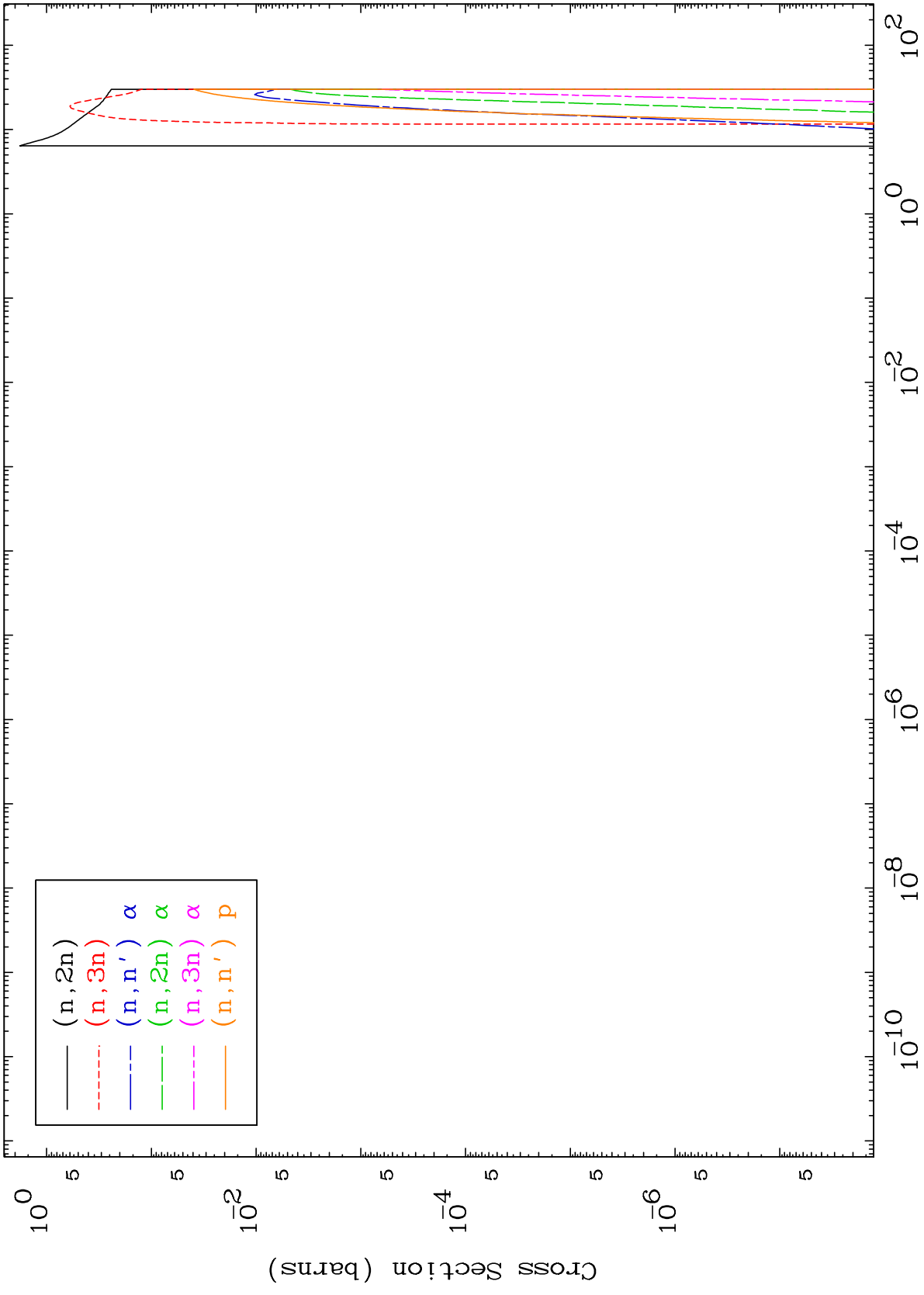
94-Pu-242



MAT 9446

Neutron Production
293 Kelvin Cross Sections

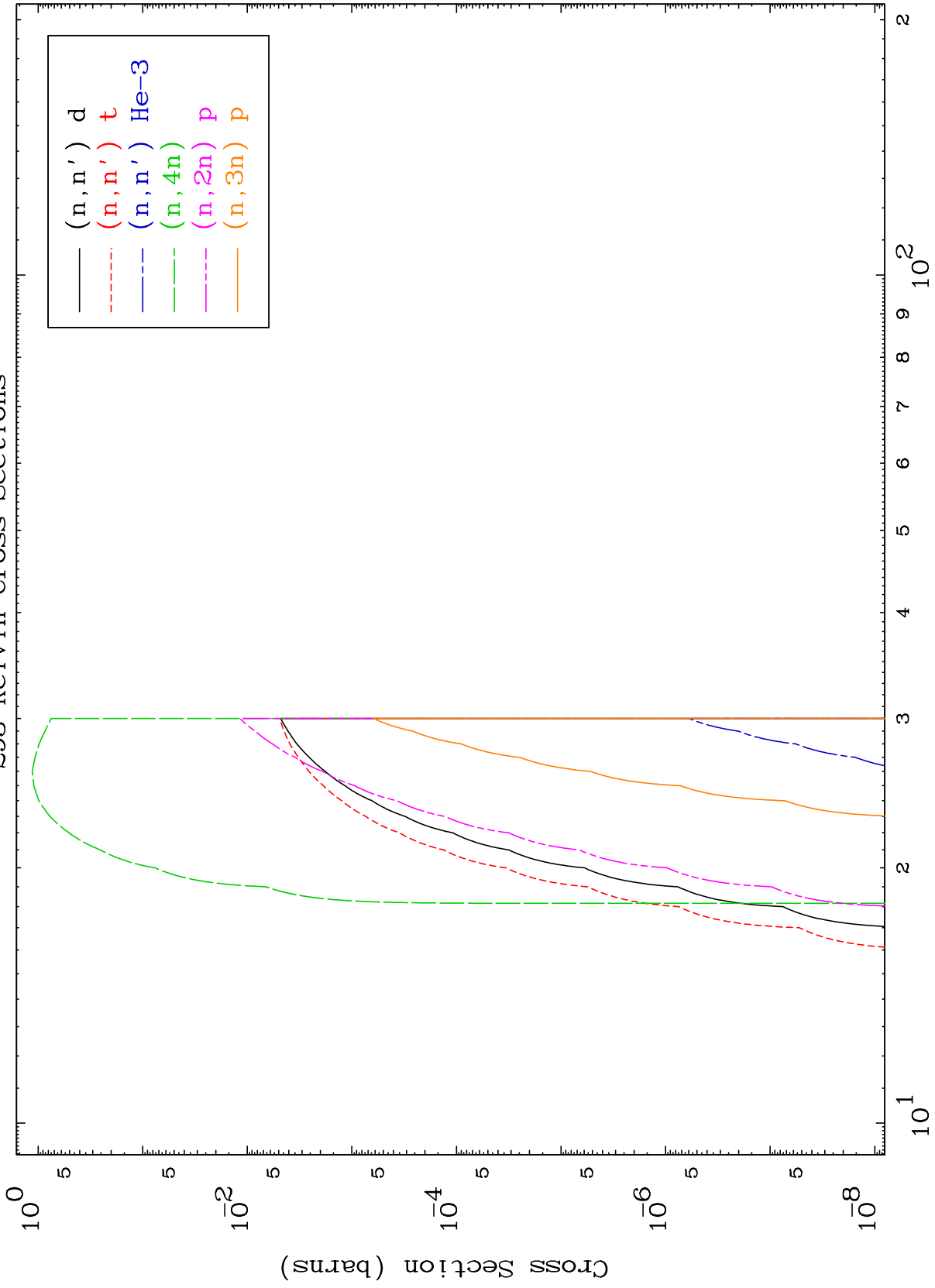
94-Pu-242



MAT 9446

Neutron Production
293 Kelvin Cross Sections

94-Pu-242



94-Pu-242

Incident Energy (MeV)

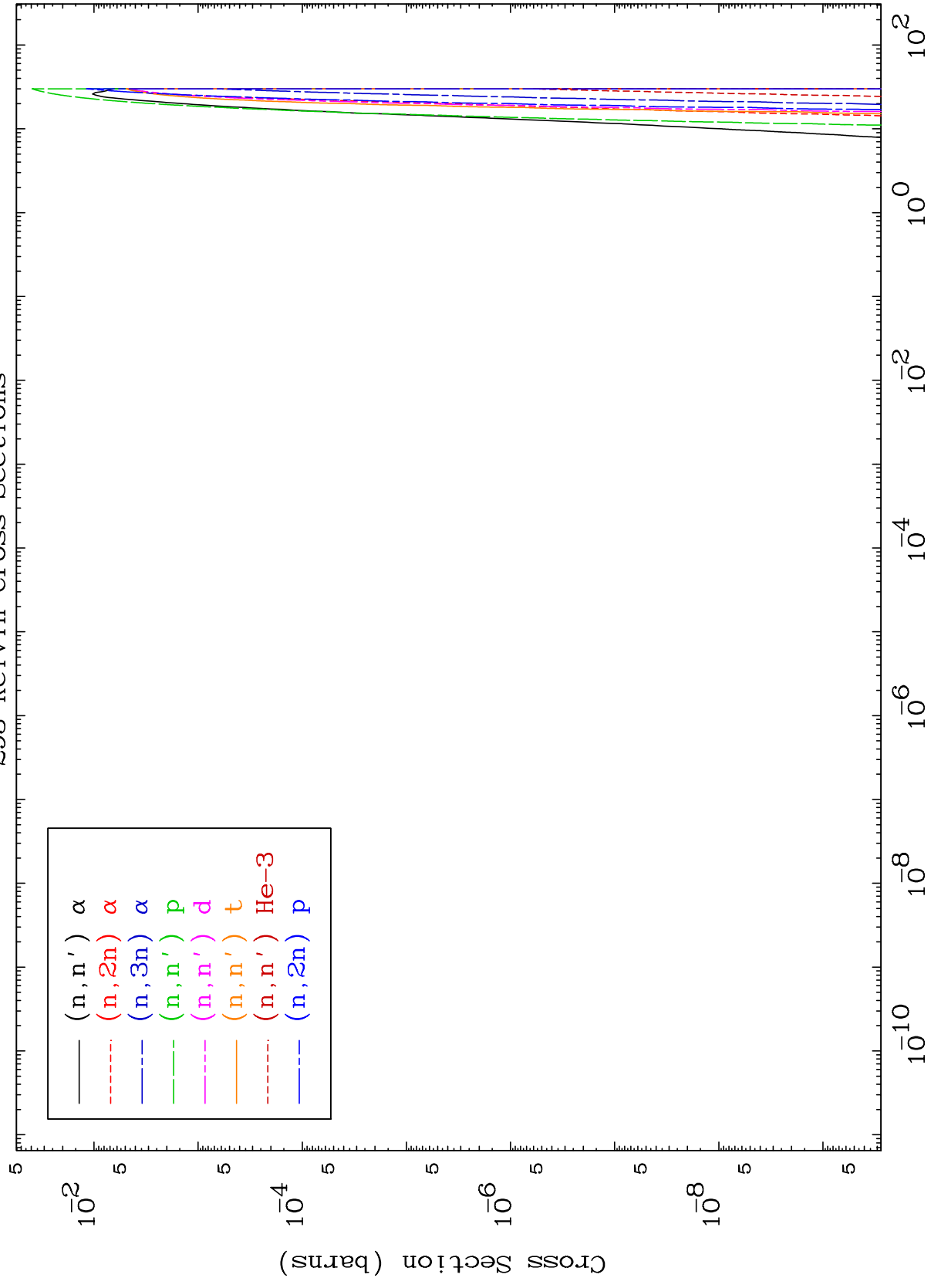
10¹

10²

MAT 9446

293 Charged Particle
Kelvin Cross Sections

94-Pu-242

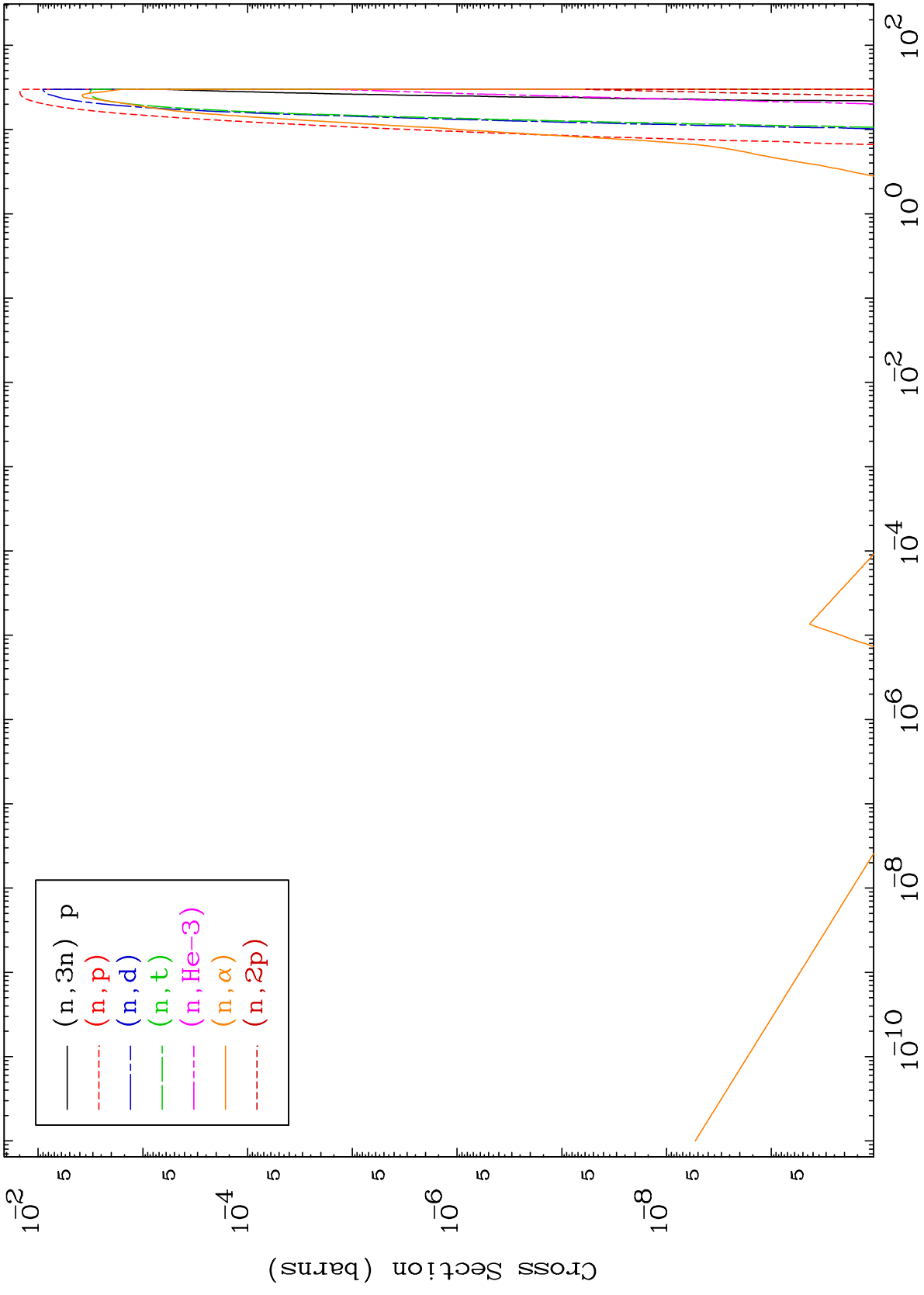


94-Pu-242

MAT 9446

293 Kelvin Cross Sections

94-Pu-242



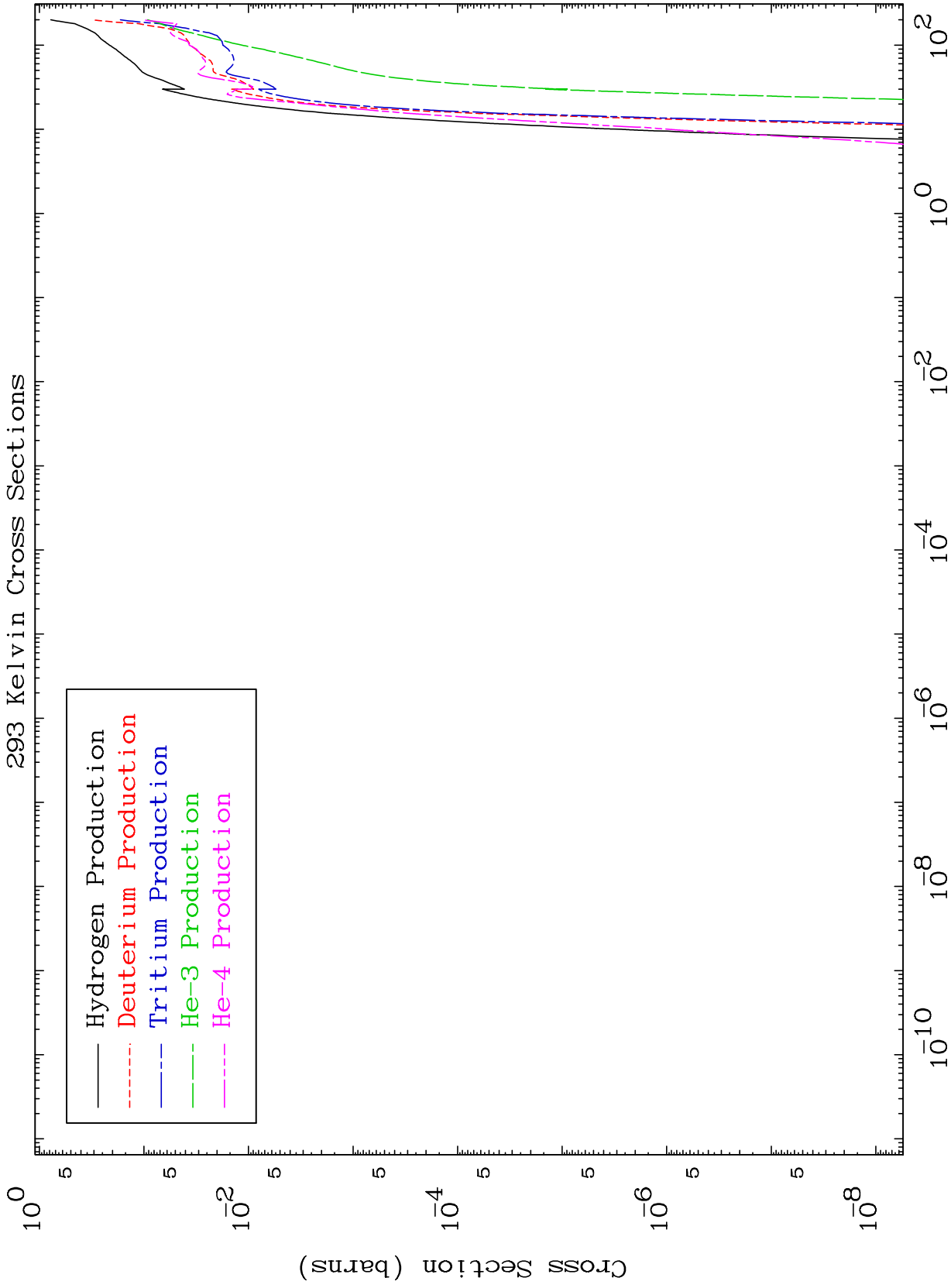
5

94-Pu-242

MAT 9446

Particle Production
293 Kelvin Cross Sections

94-Pu-242



6

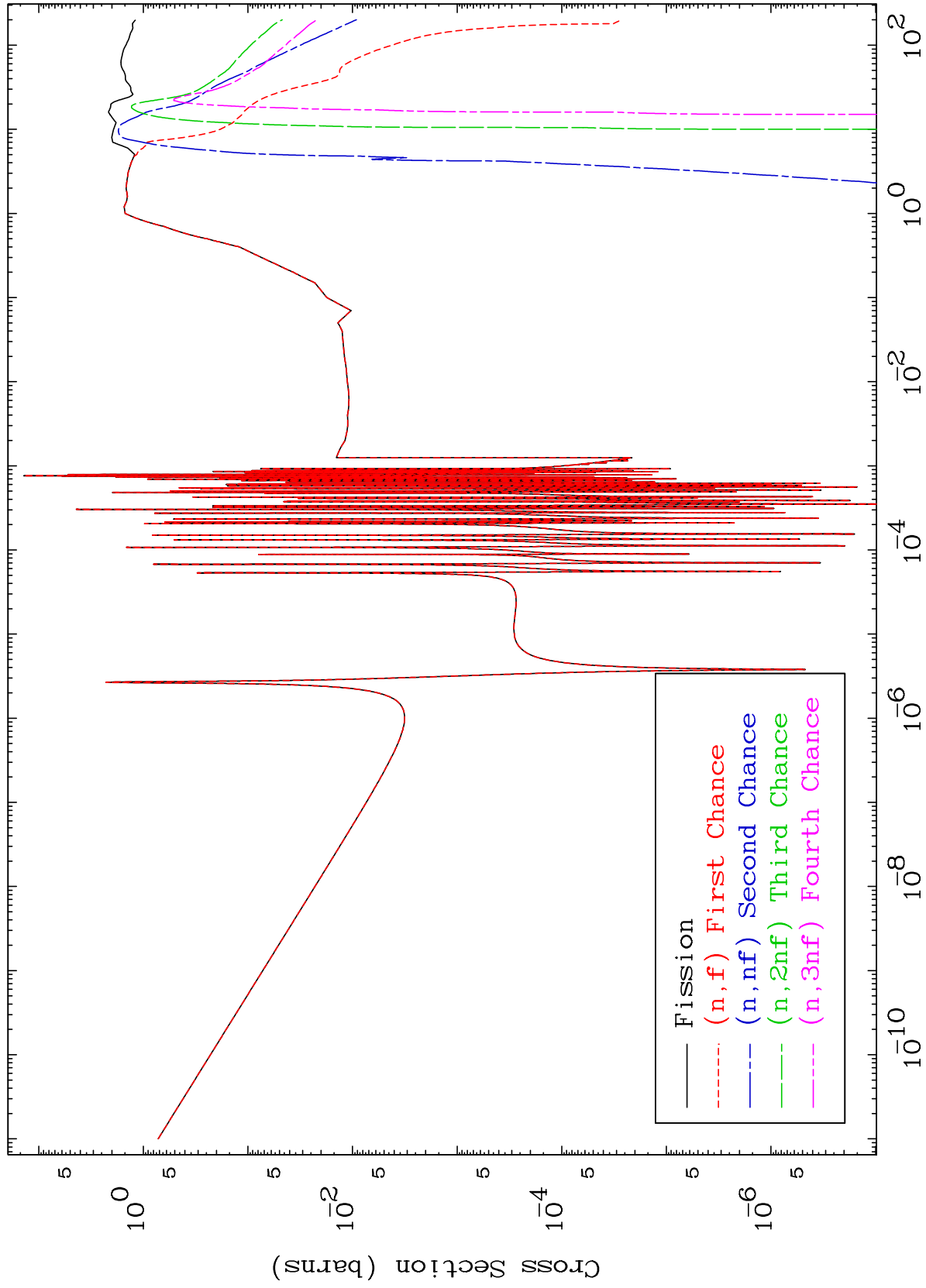
Incident Energy (MeV)

94-Pu-242

MAT 9446

Fission
293 Kelvin Cross Sections

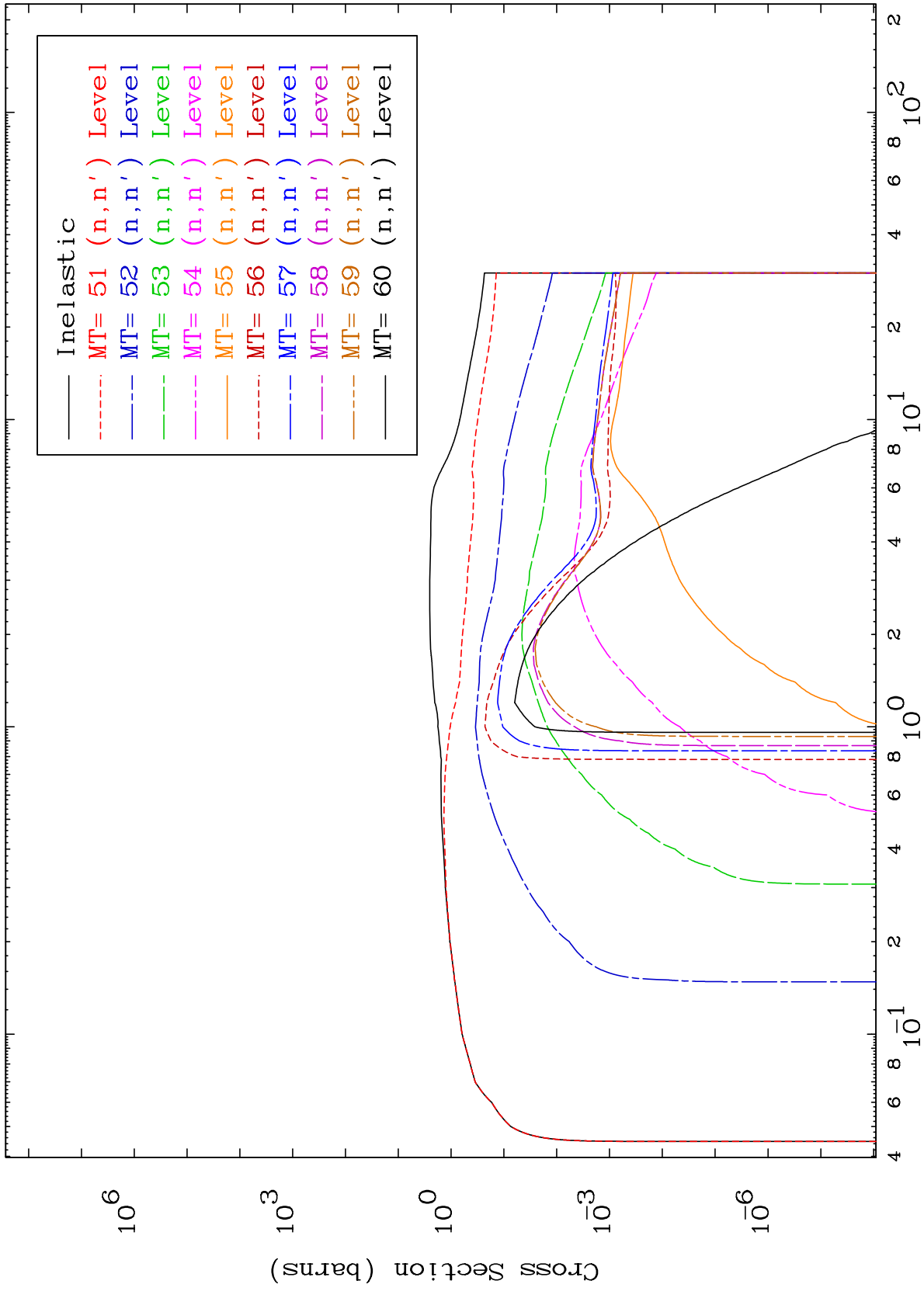
94-Pu-242



MAT 9446

(n,n') Level
293 Kelvin Cross Sections

94-Pu-242

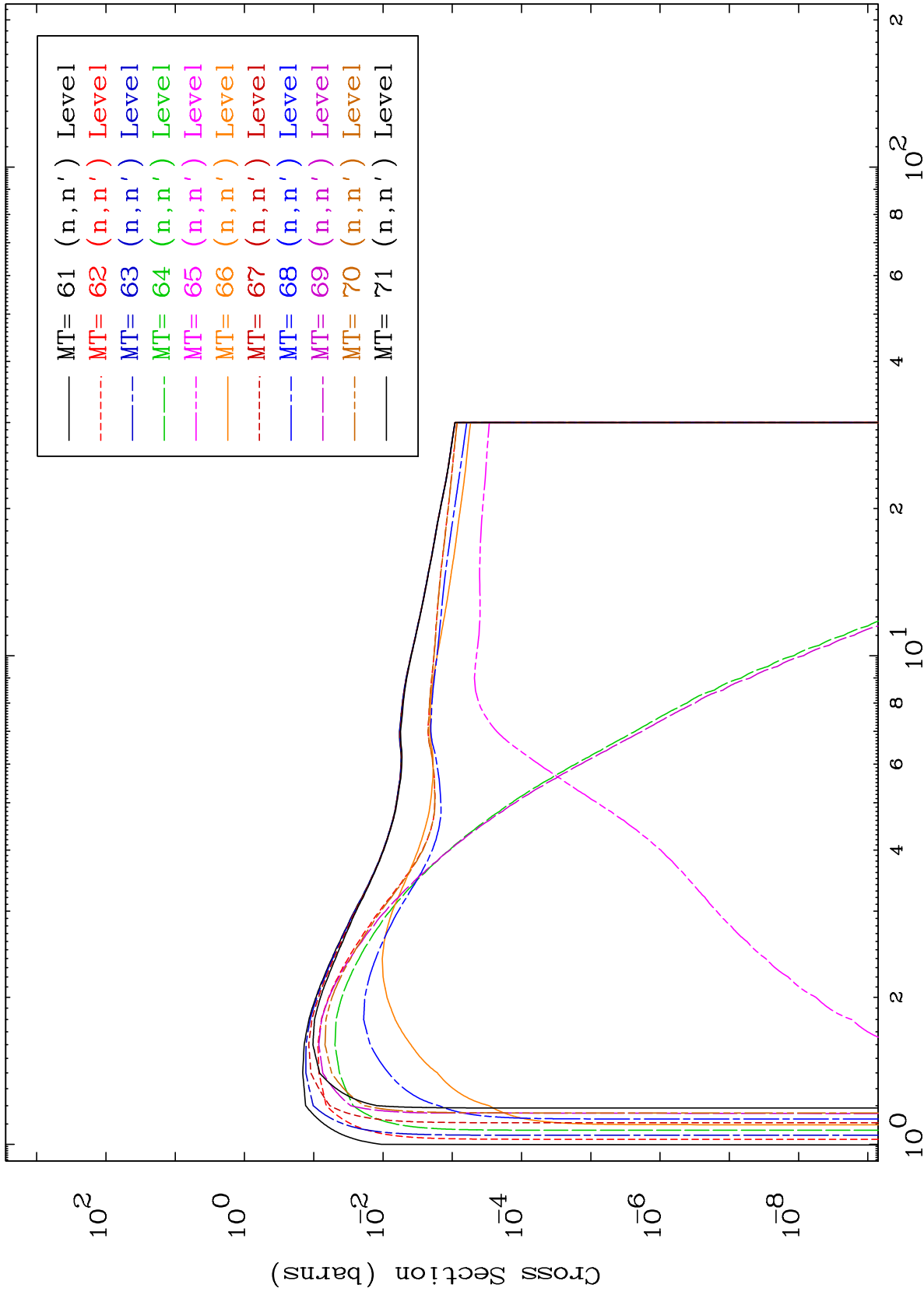


MAT 9446

(n,n') Level

94-Pu-242

293 Kelvin Cross Sections



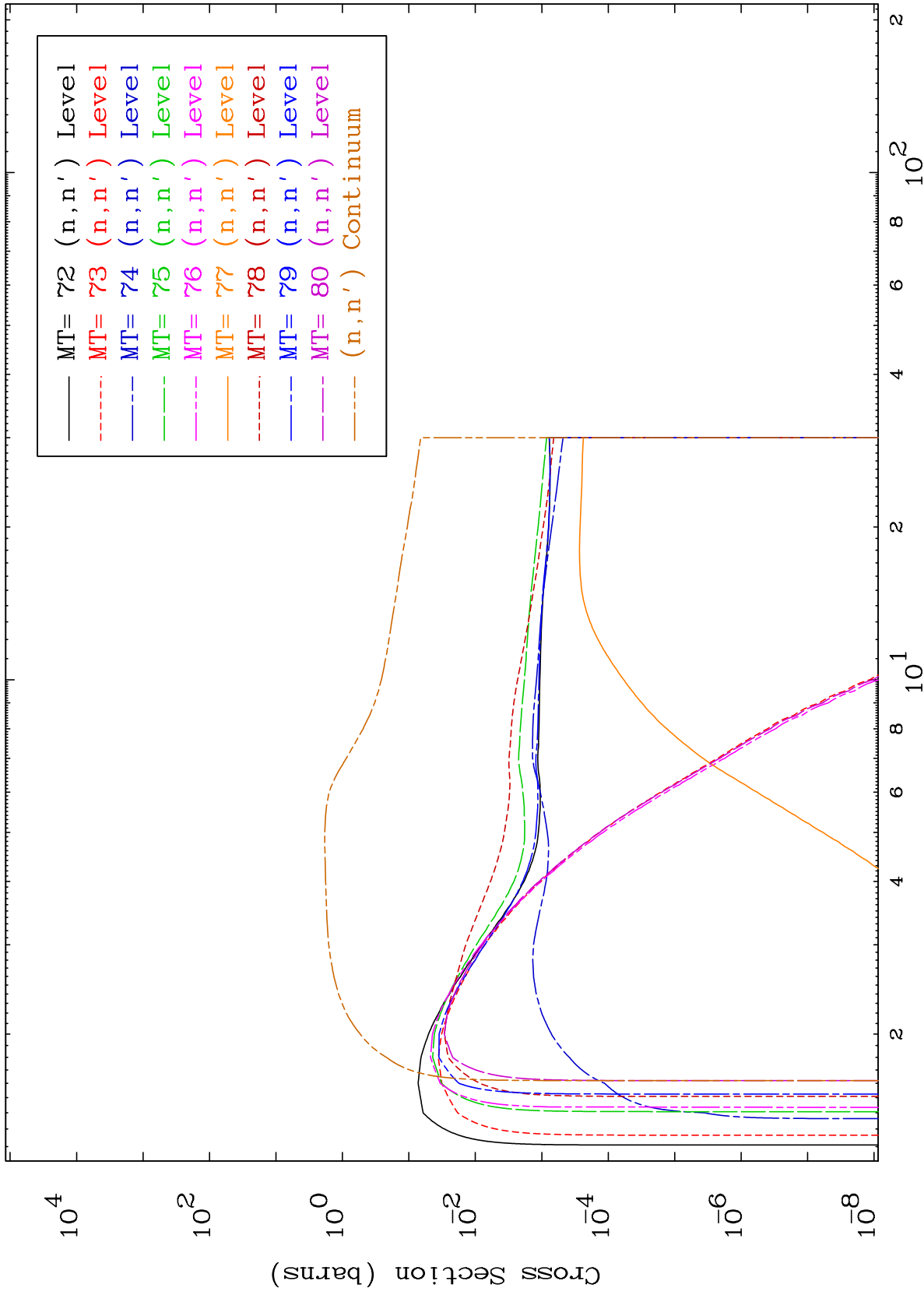
Incident Energy (MeV)

94-Pu-242

MAT 9446

(n,n') Level
293 Kelvin Cross Sections

94-Pu-242



10

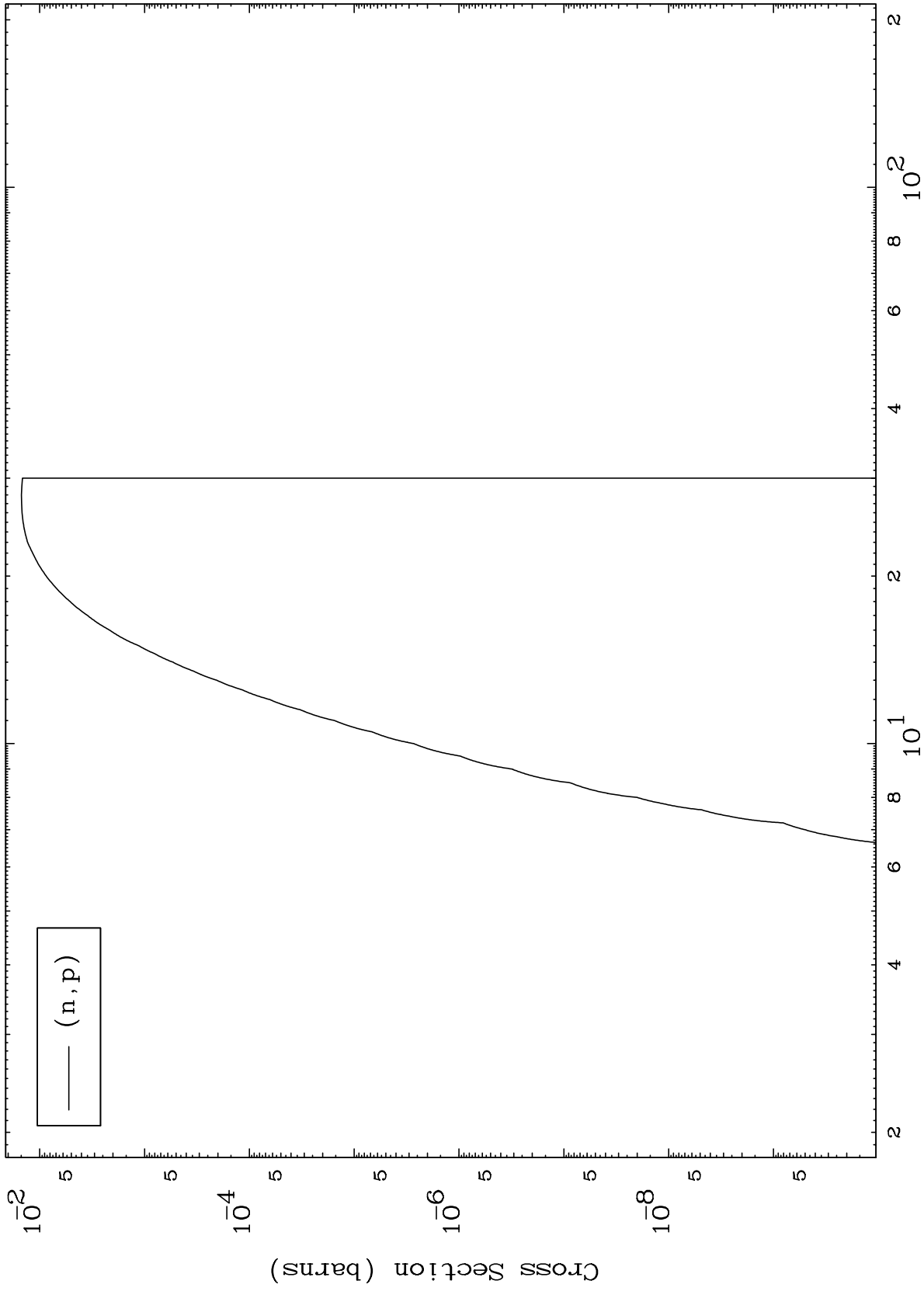
Incident Energy (MeV)

94-Pu-242

MAT 9446

(n,p) Levels
293 Kelvin Cross Sections

94-Pu-242



11

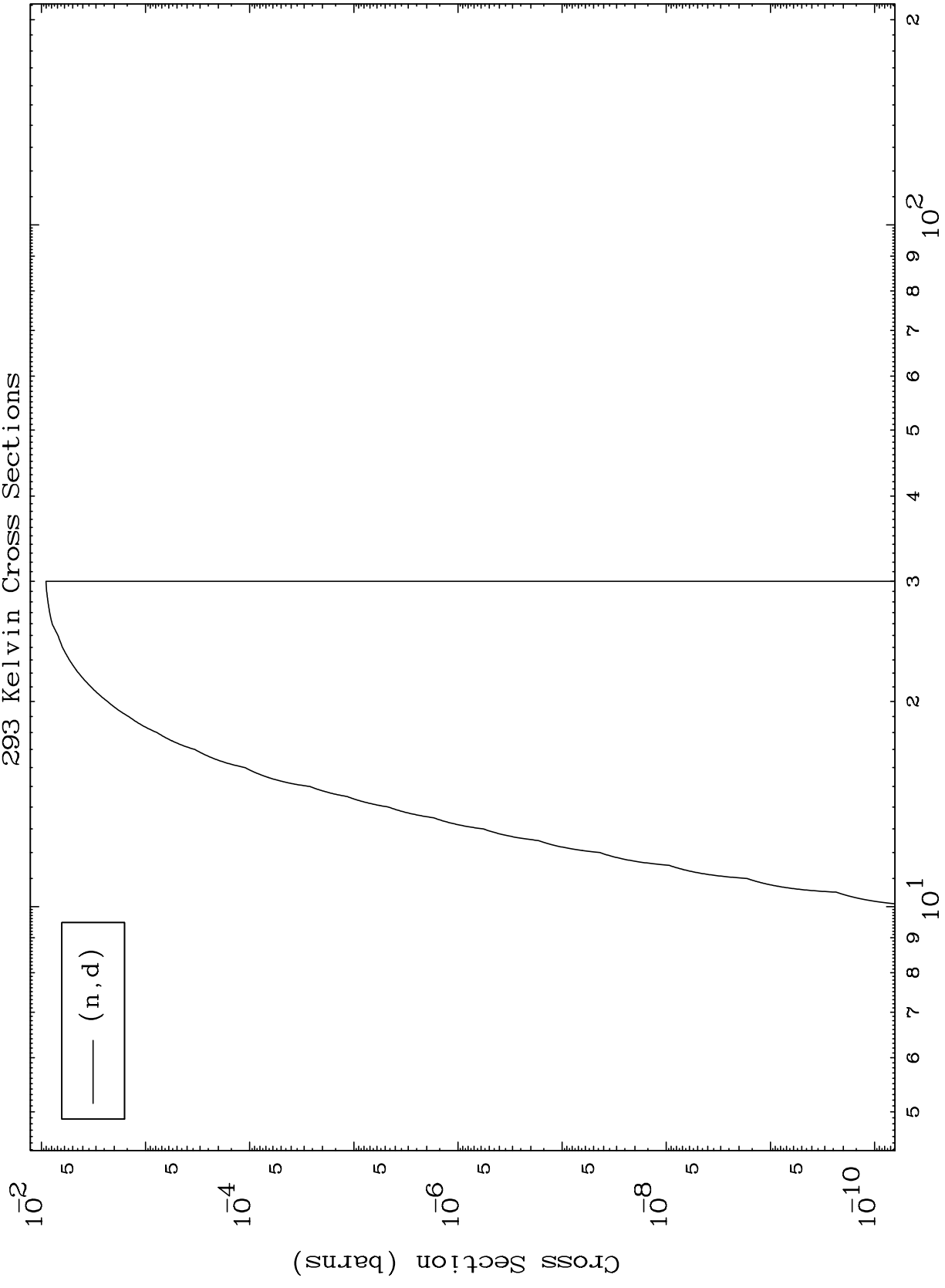
Incident Energy (MeV)

94-Pu-242

MAT 9446

(n,d) Levels
293 Kelvin Cross Sections

94-Pu-242



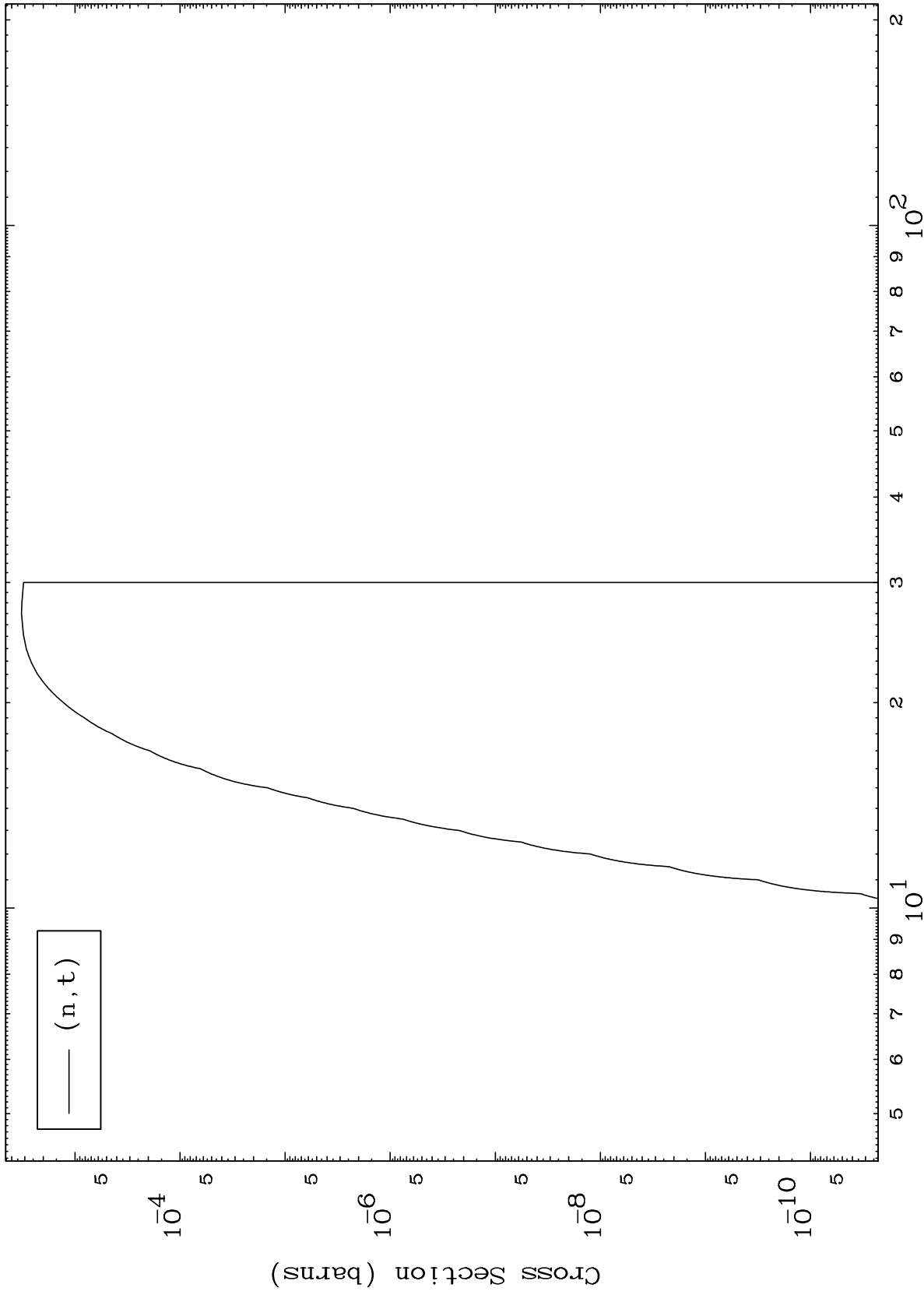
12

94-Pu-242

MAT 9446

(n,t) Levels
293 Kelvin Cross Sections

94-Pu-242



13

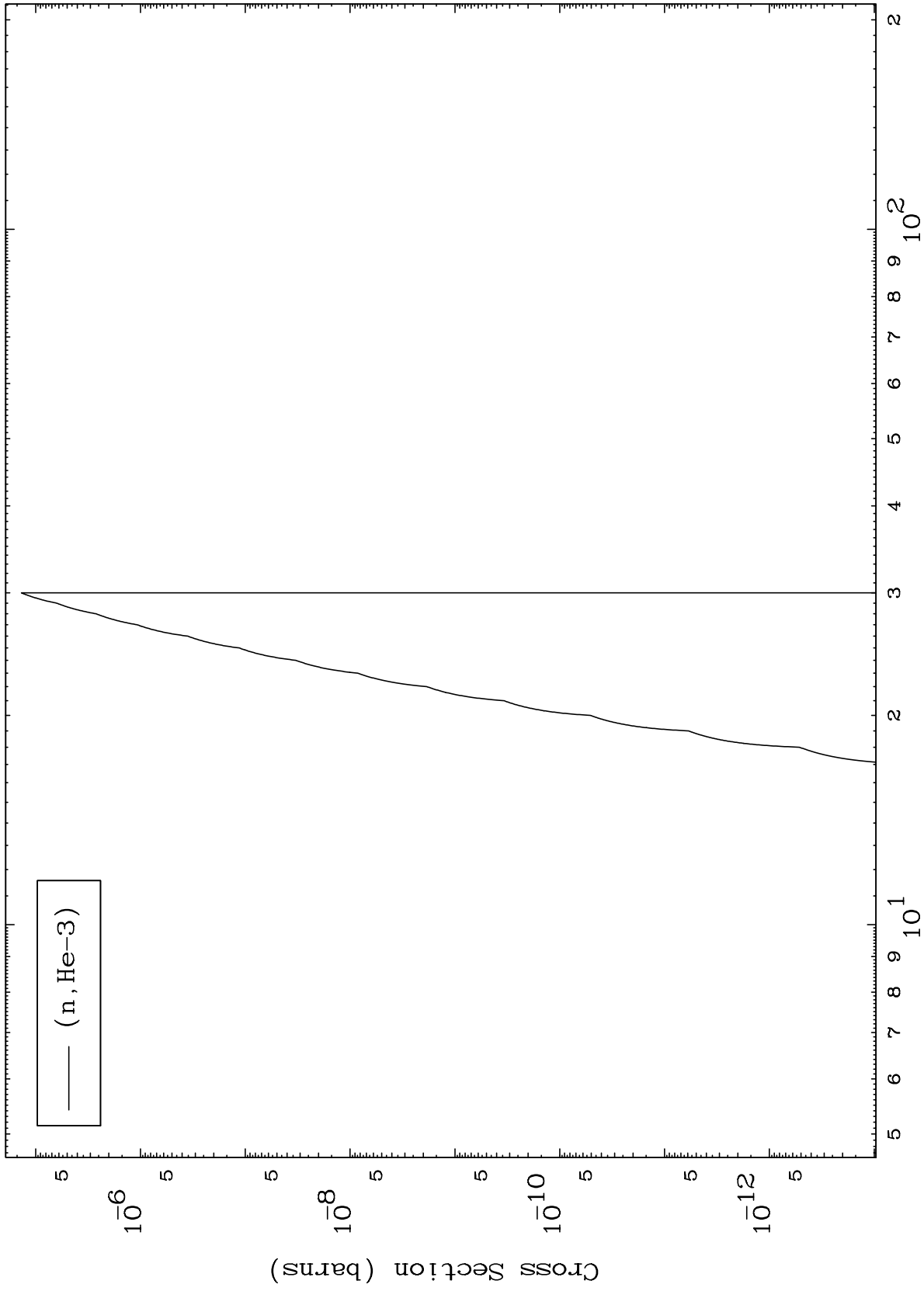
Incident Energy (MeV)

94-Pu-242

MAT 9446

(n,He3) Levels
293 Kelvin Cross Sections

94-Pu-242



14

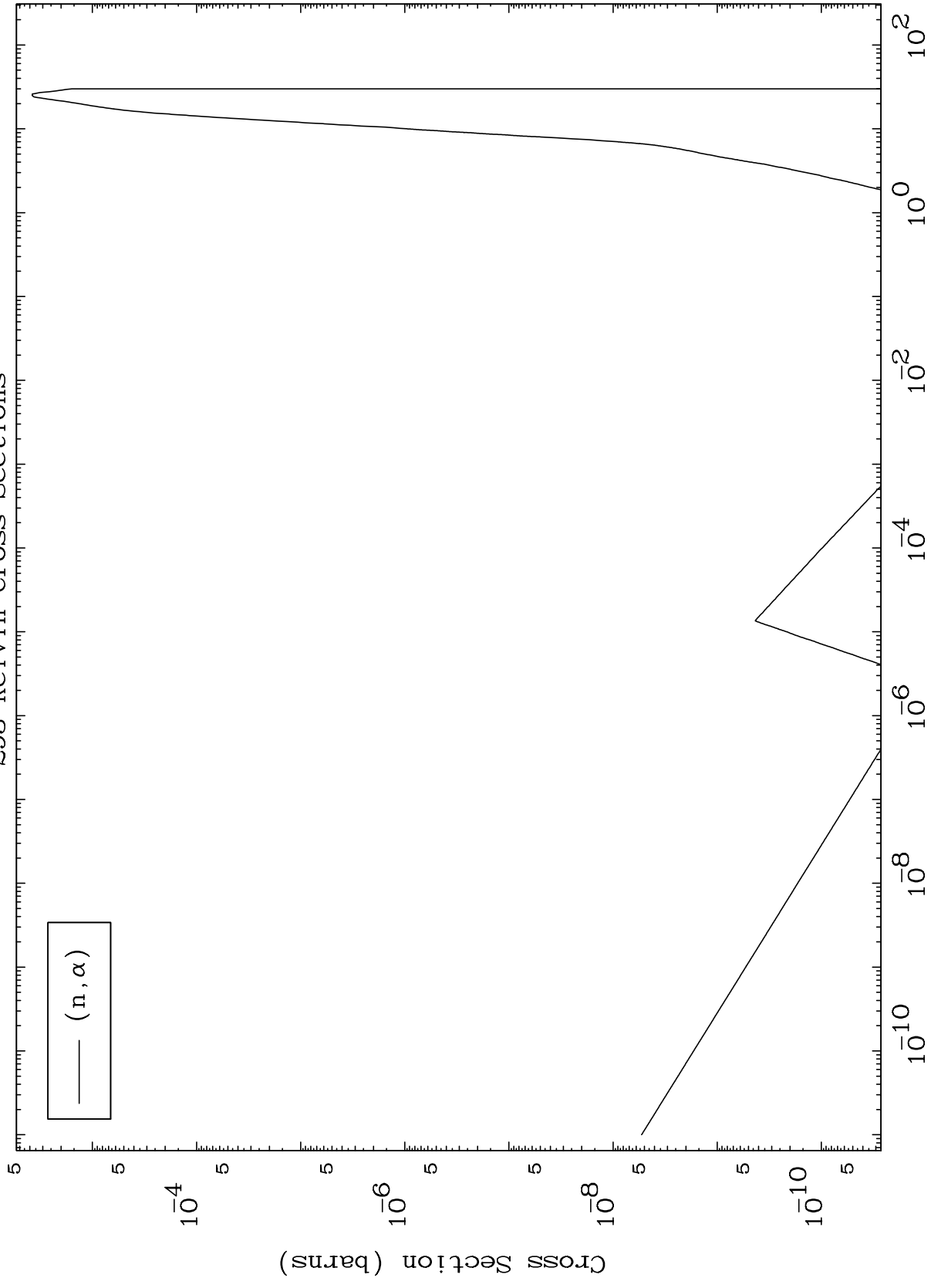
94-Pu-242

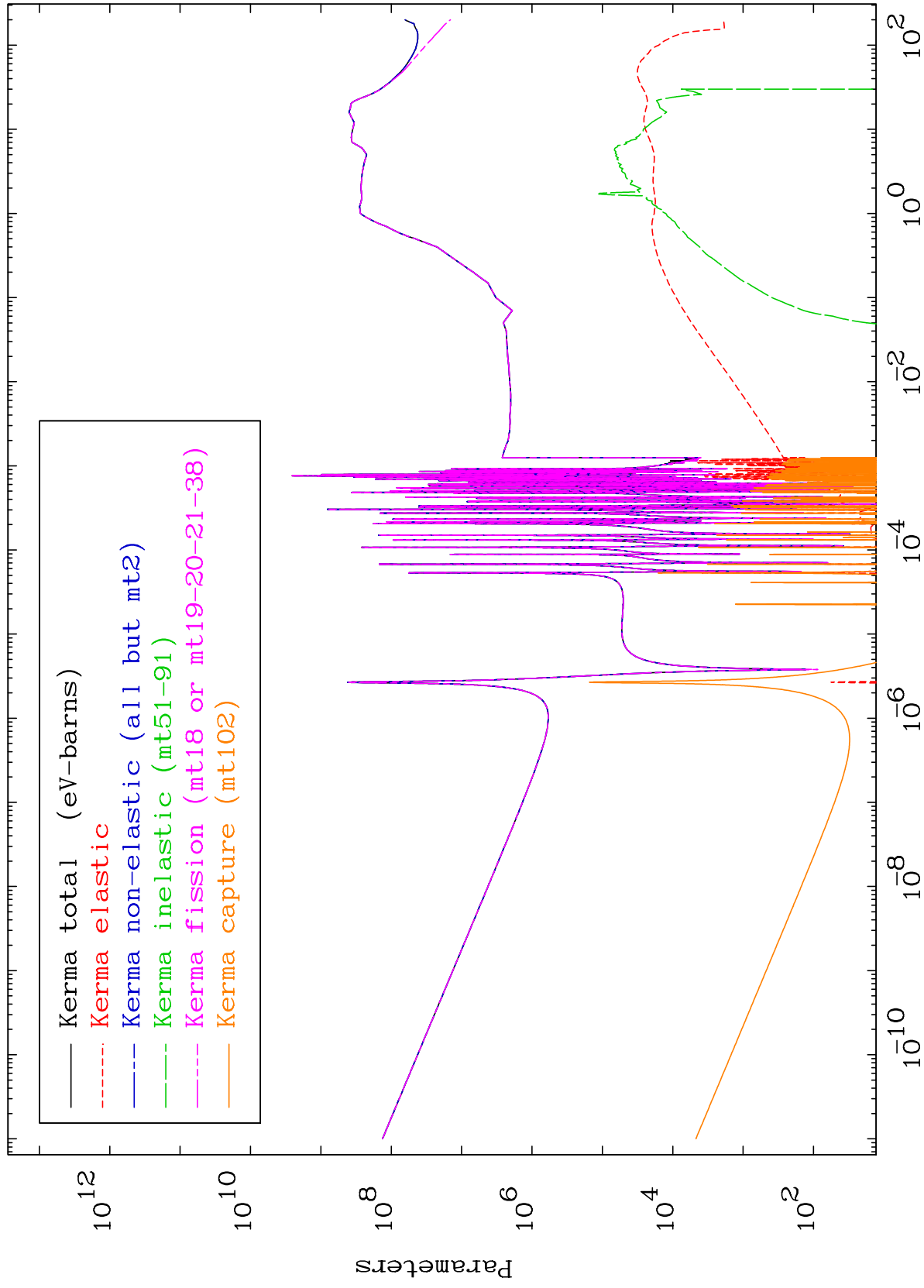
94-Pu-242

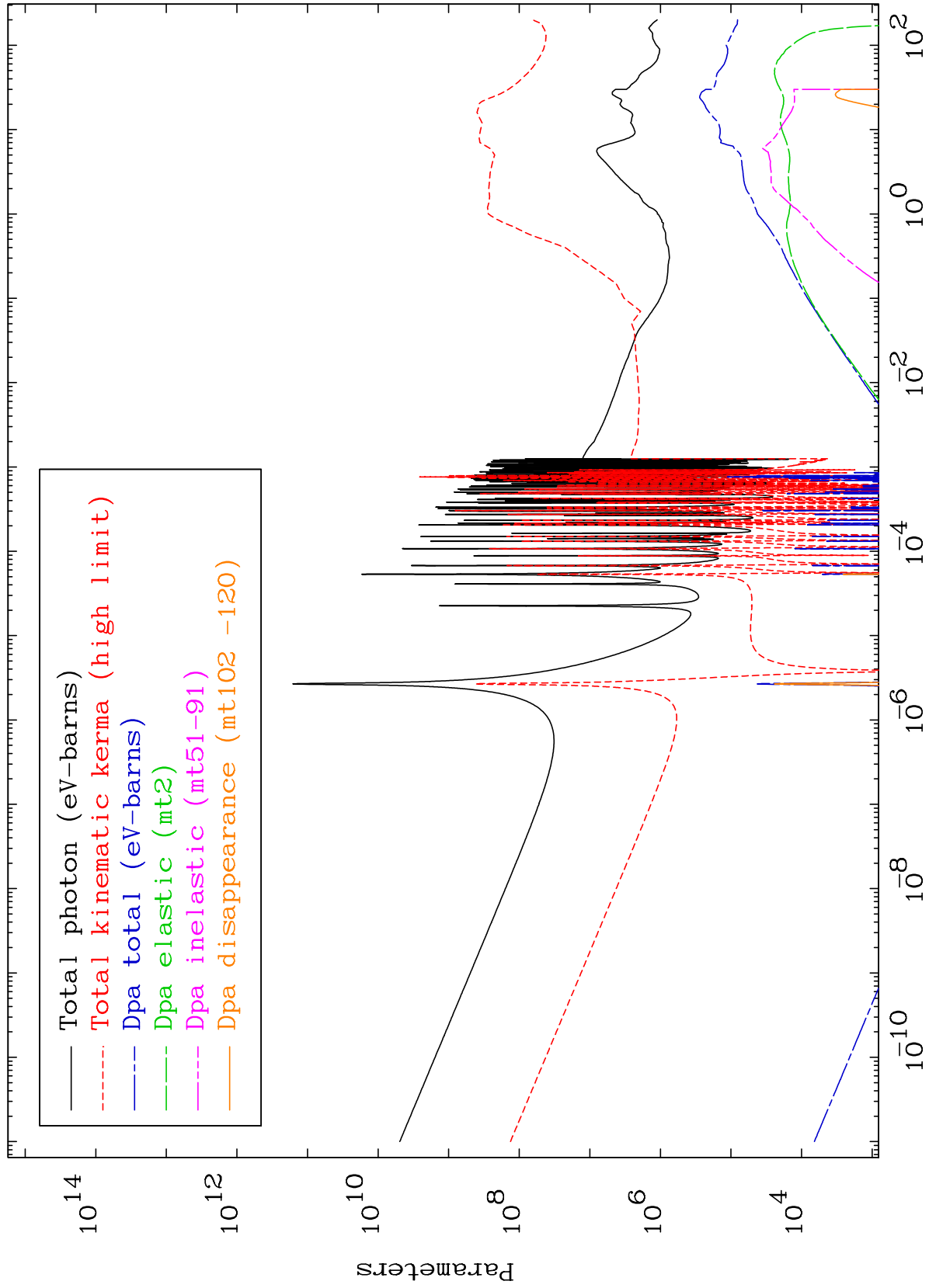
MAT 9446

(n,α) Levels
293 Kelvin Cross Sections

94-Pu-242



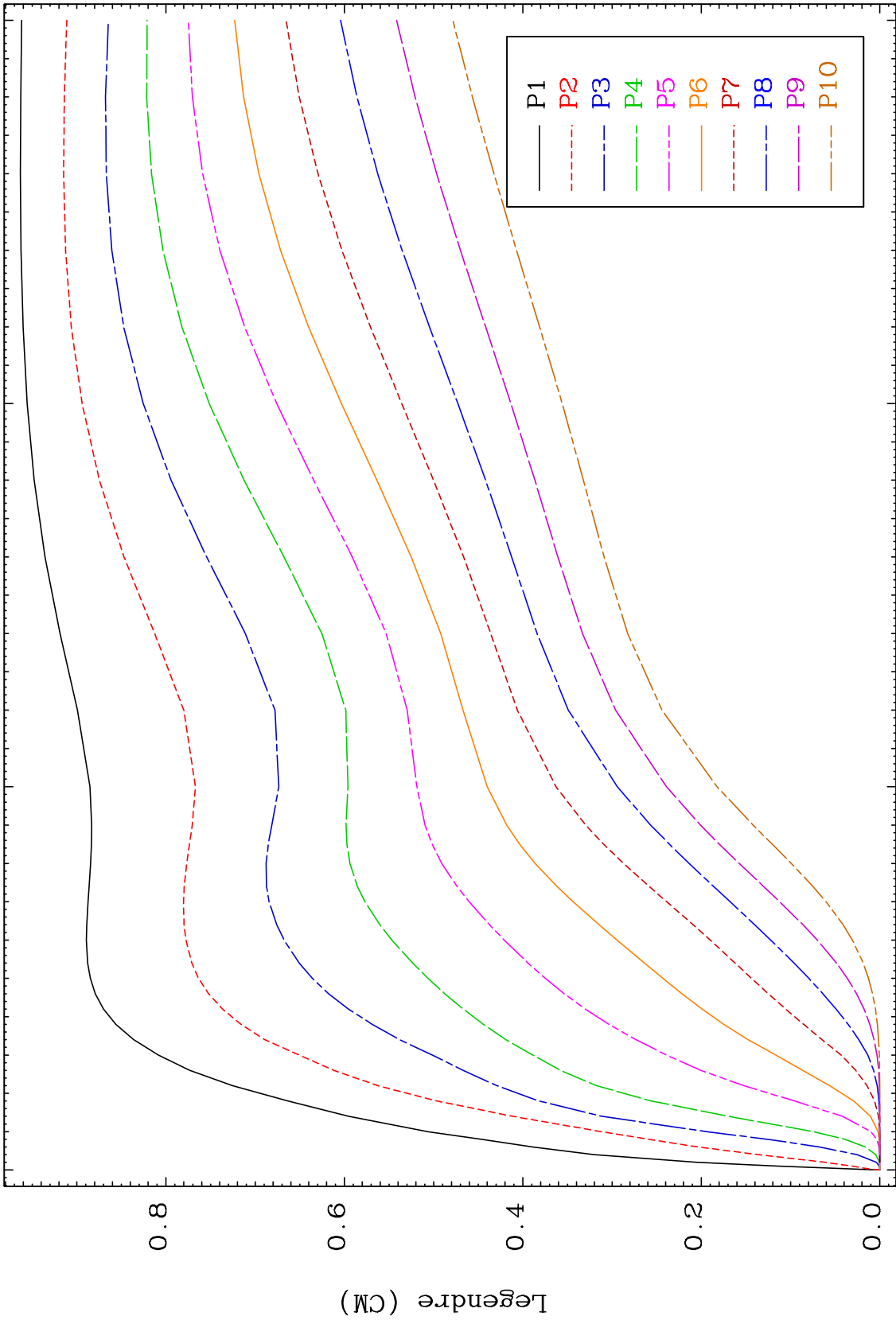




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Elastic Legendre Coefficients

94-Pu-242



18

Incident Energy (MeV)

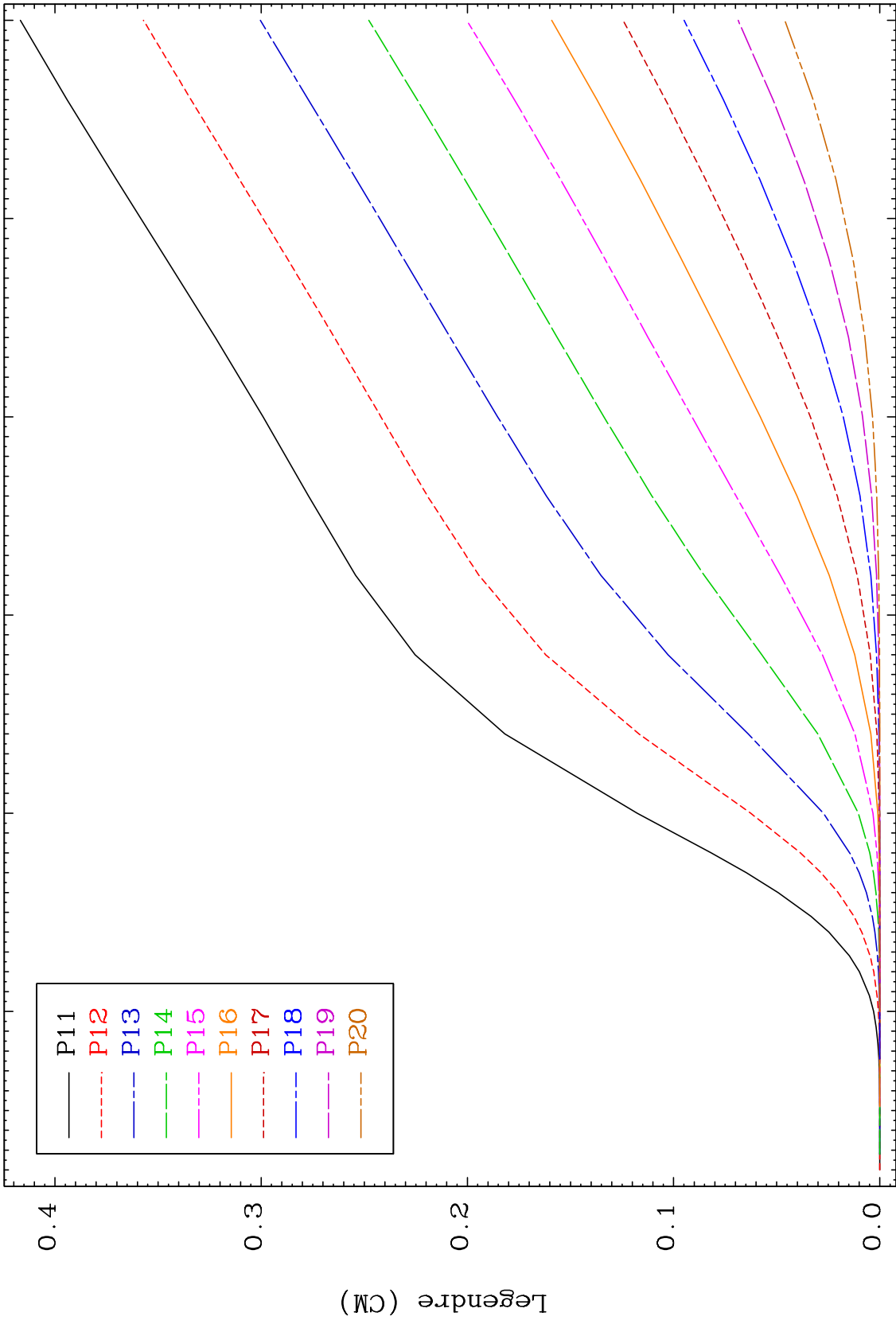
94-Pu-242

30

MAT 9446

Elastic Legendre Coefficients

94-Pu-242



19

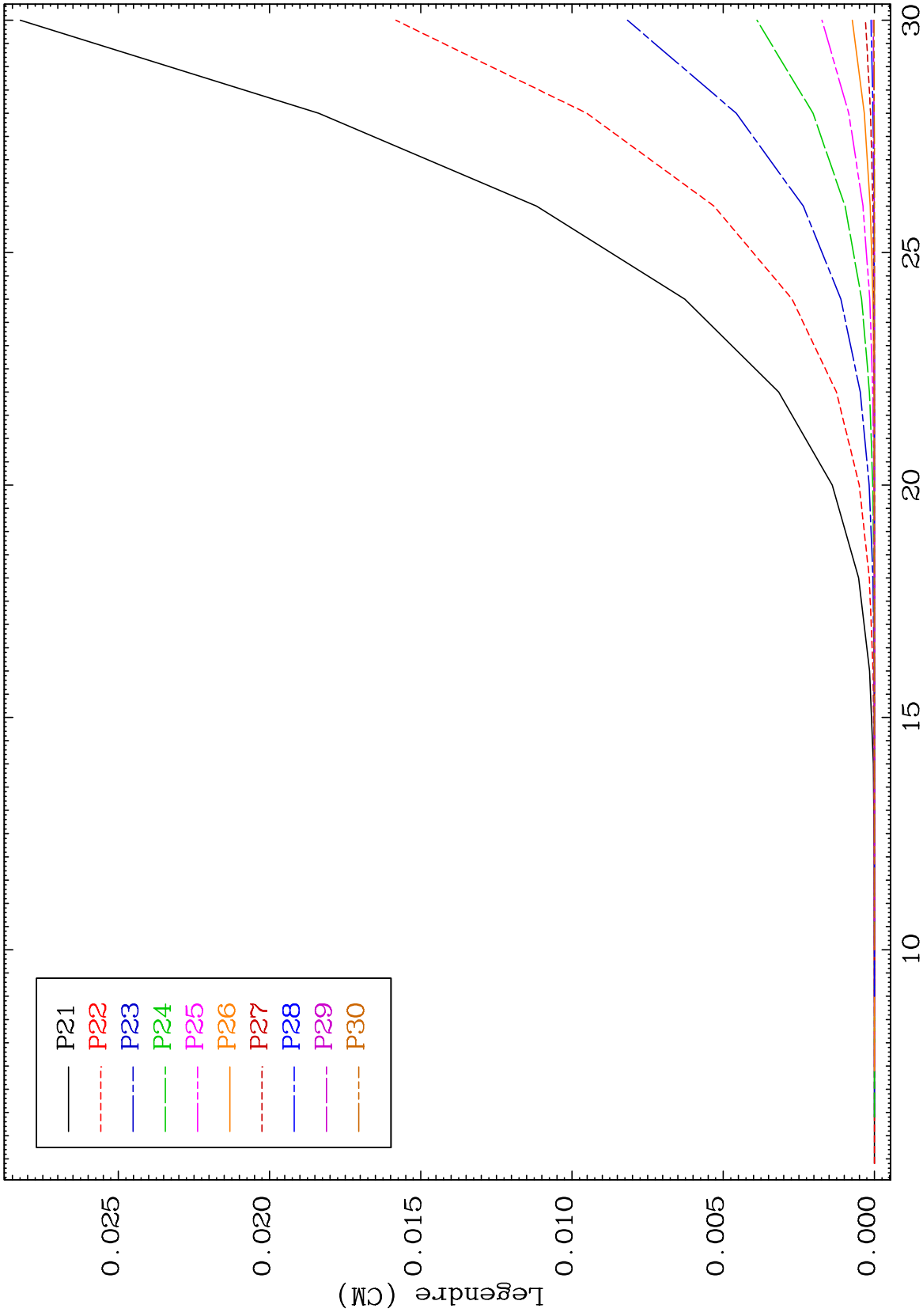
Incident Energy (MeV)

94-Pu-242

MAT 9446

Elastic Legendre Coefficients

94-Pu-242



20

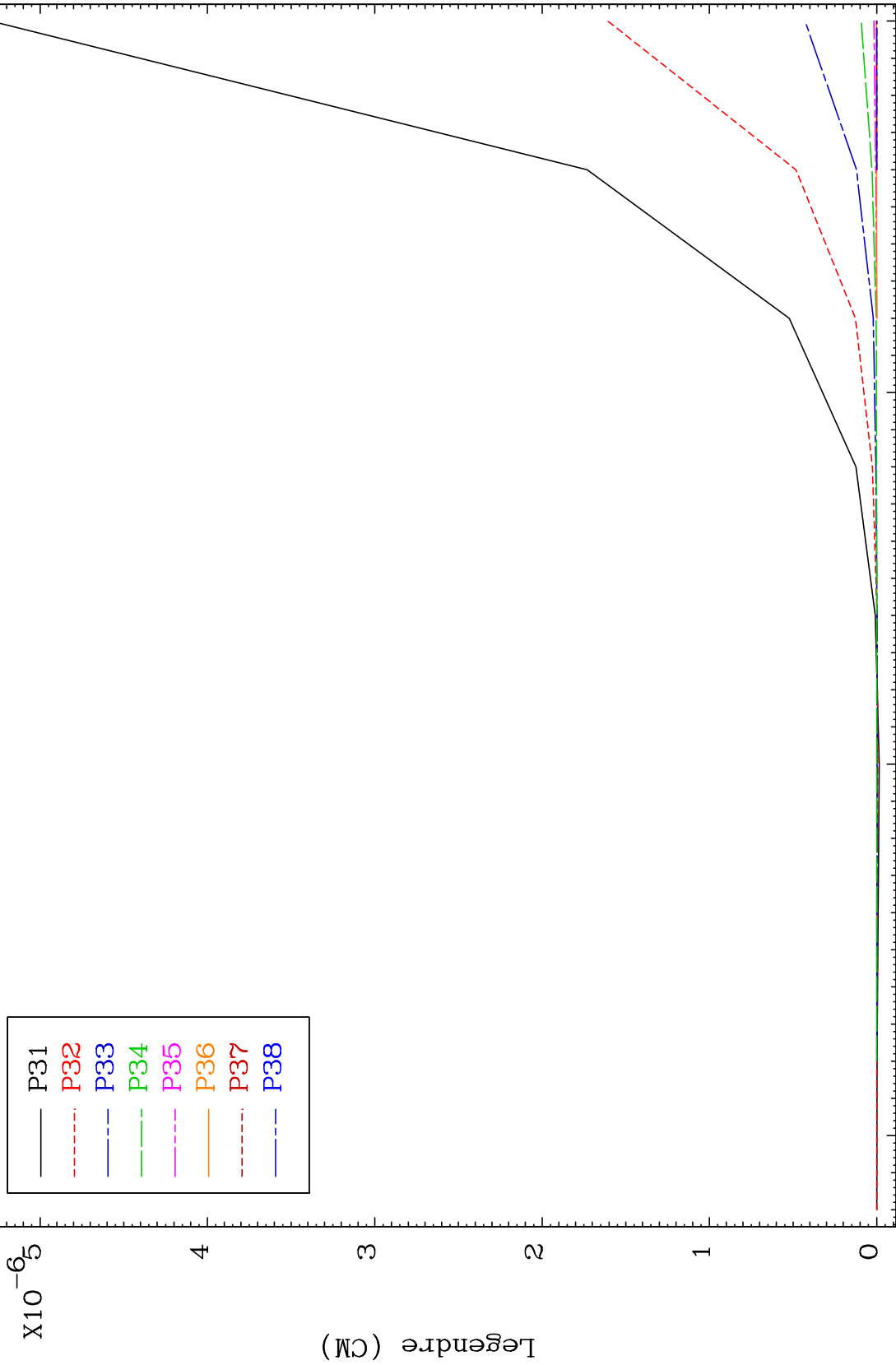
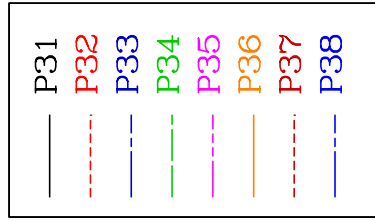
Incident Energy (MeV)

94-Pu-242

MAT 9446

Elastic Legendre Coefficients

94-Pu-242



21

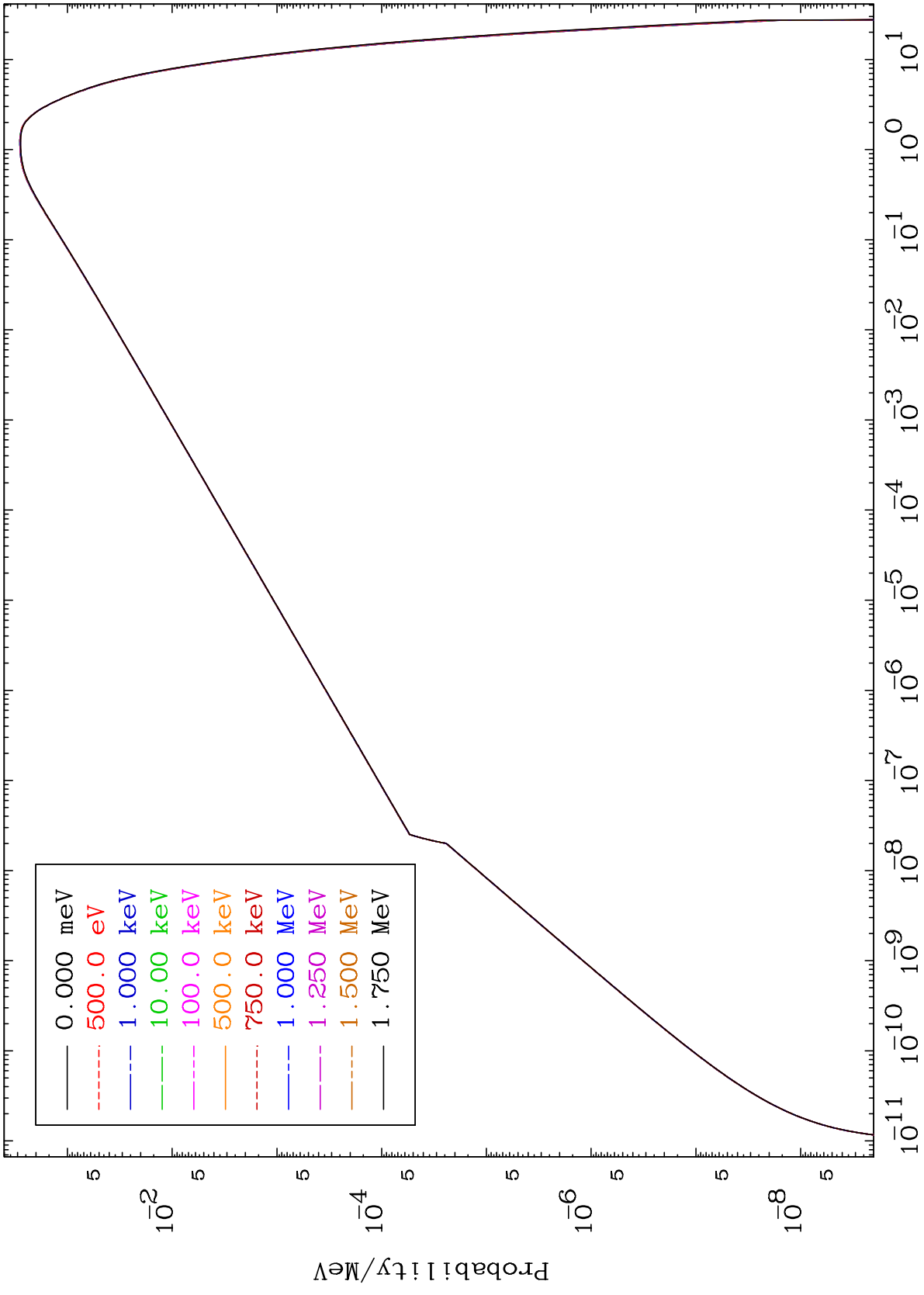
Incident Energy (MeV)

94-Pu-242

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Fission Energy Distribution

94-Pu-242



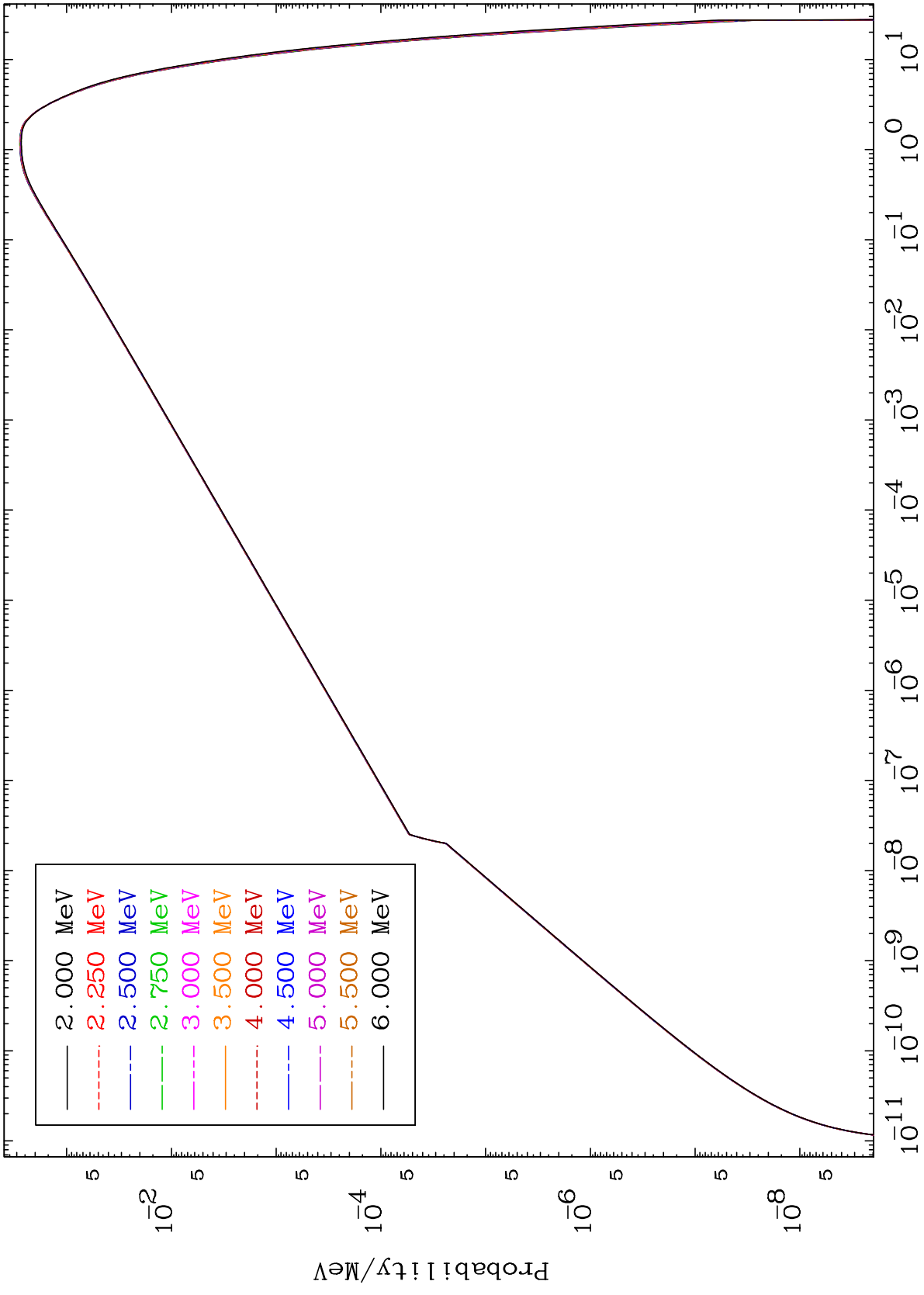
94-Pu-242

Secondary Energy (MeV)

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Fission Energy Distribution

94-Pu-242

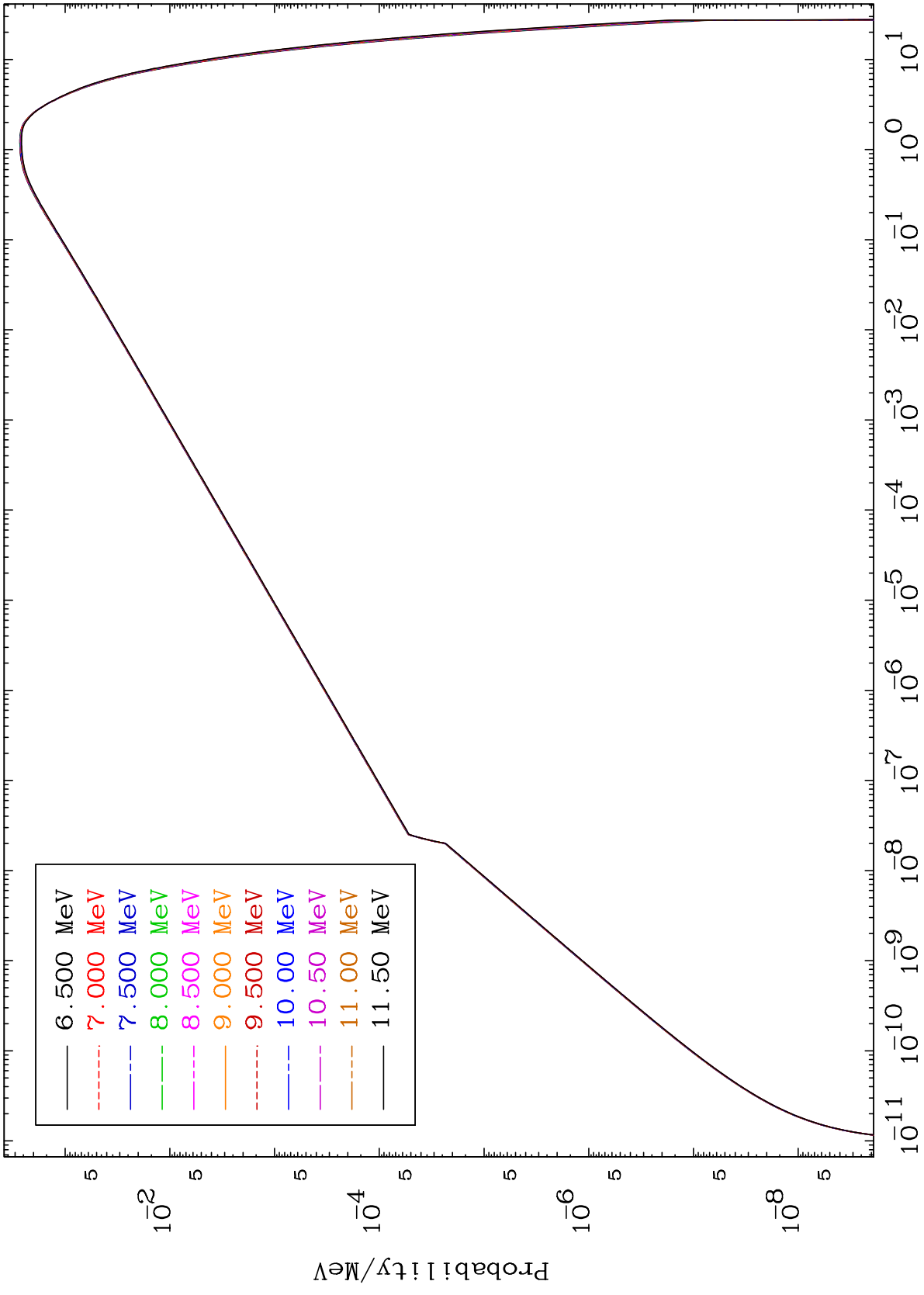


94-Pu-242

MAT 9446

Fission Energy Distribution

94-Pu-242



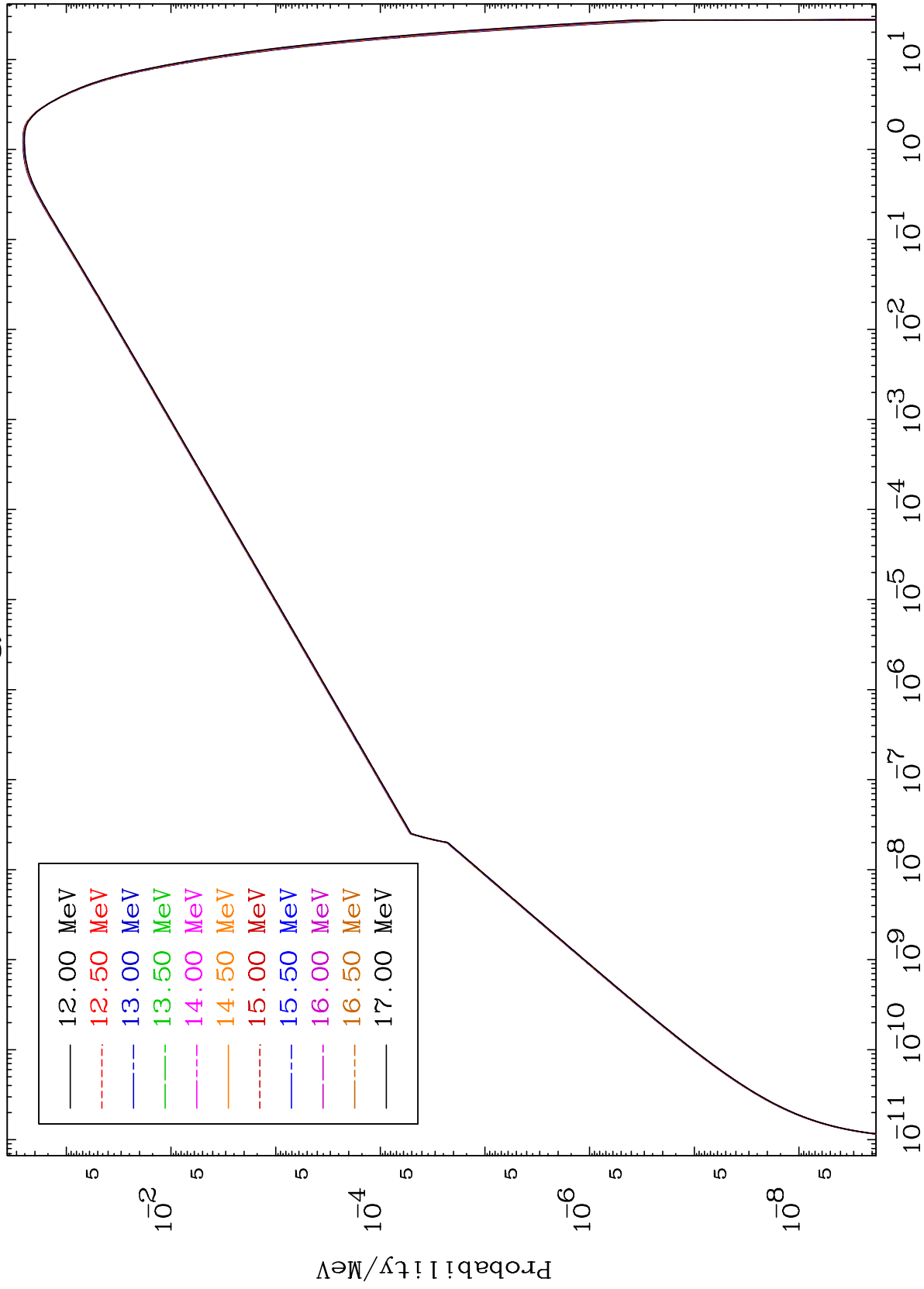
94-Pu-242

Secondary Energy (MeV)

MAT 9446

Fission Energy Distribution

94-Pu-242



—	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

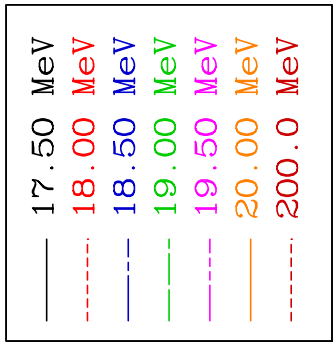
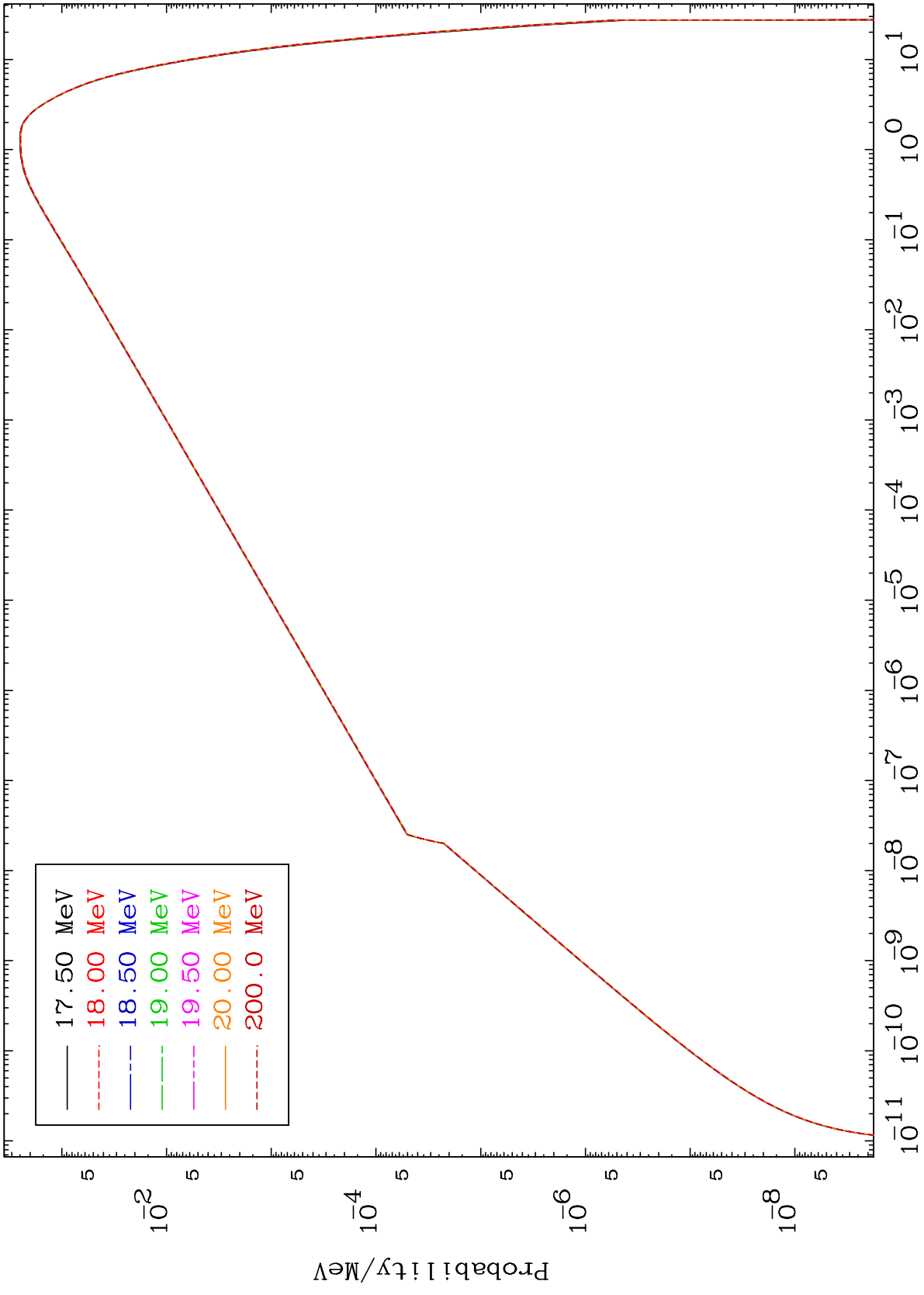
94-Pu-242

Secondary Energy (MeV)

MAT 9446

Fission Energy Distribution

94-Pu-242



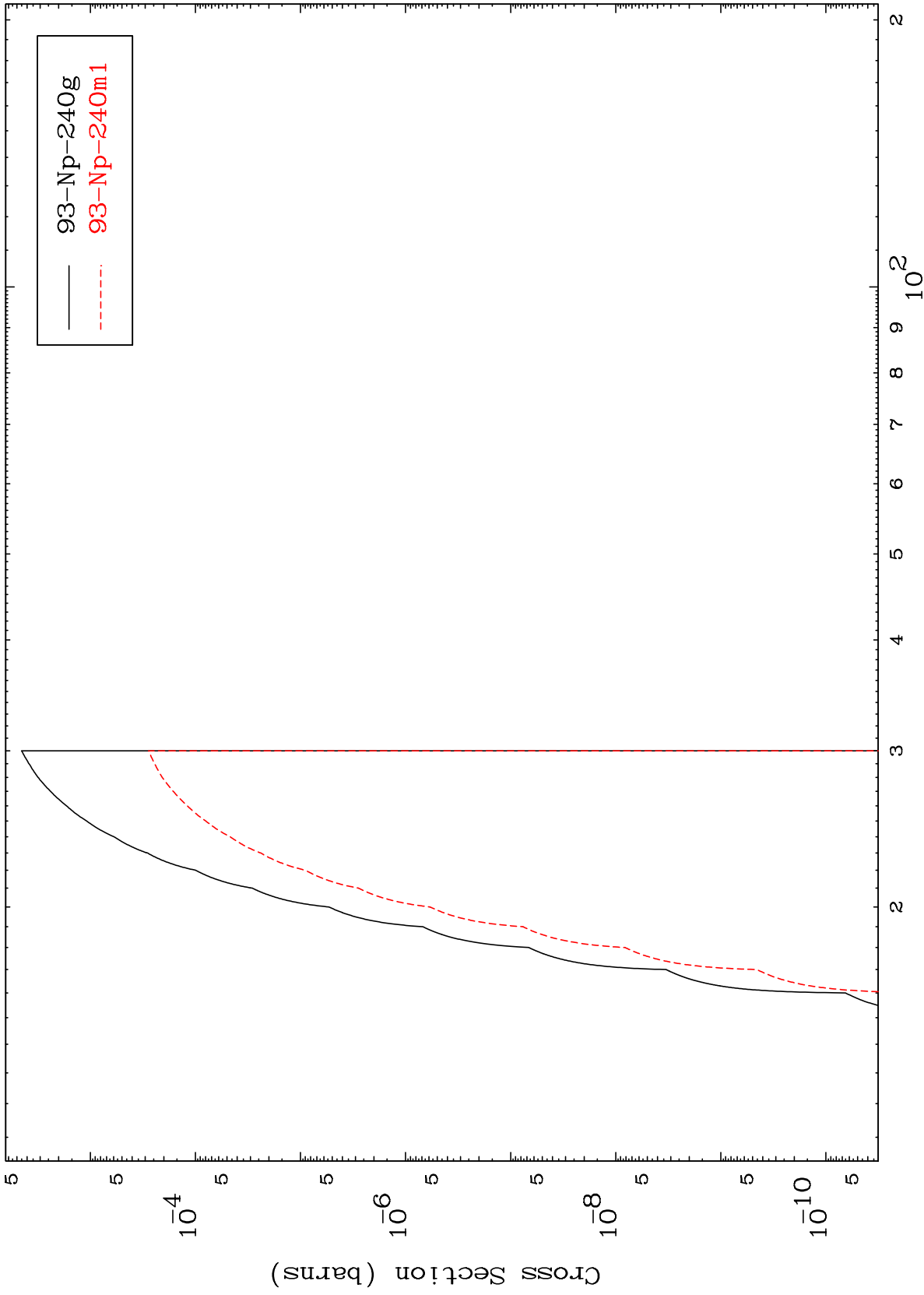
94-Pu-242

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(n,n') d

94-Pu-242

Radionuclide Production Cross Section



27

Incident Energy (MeV)

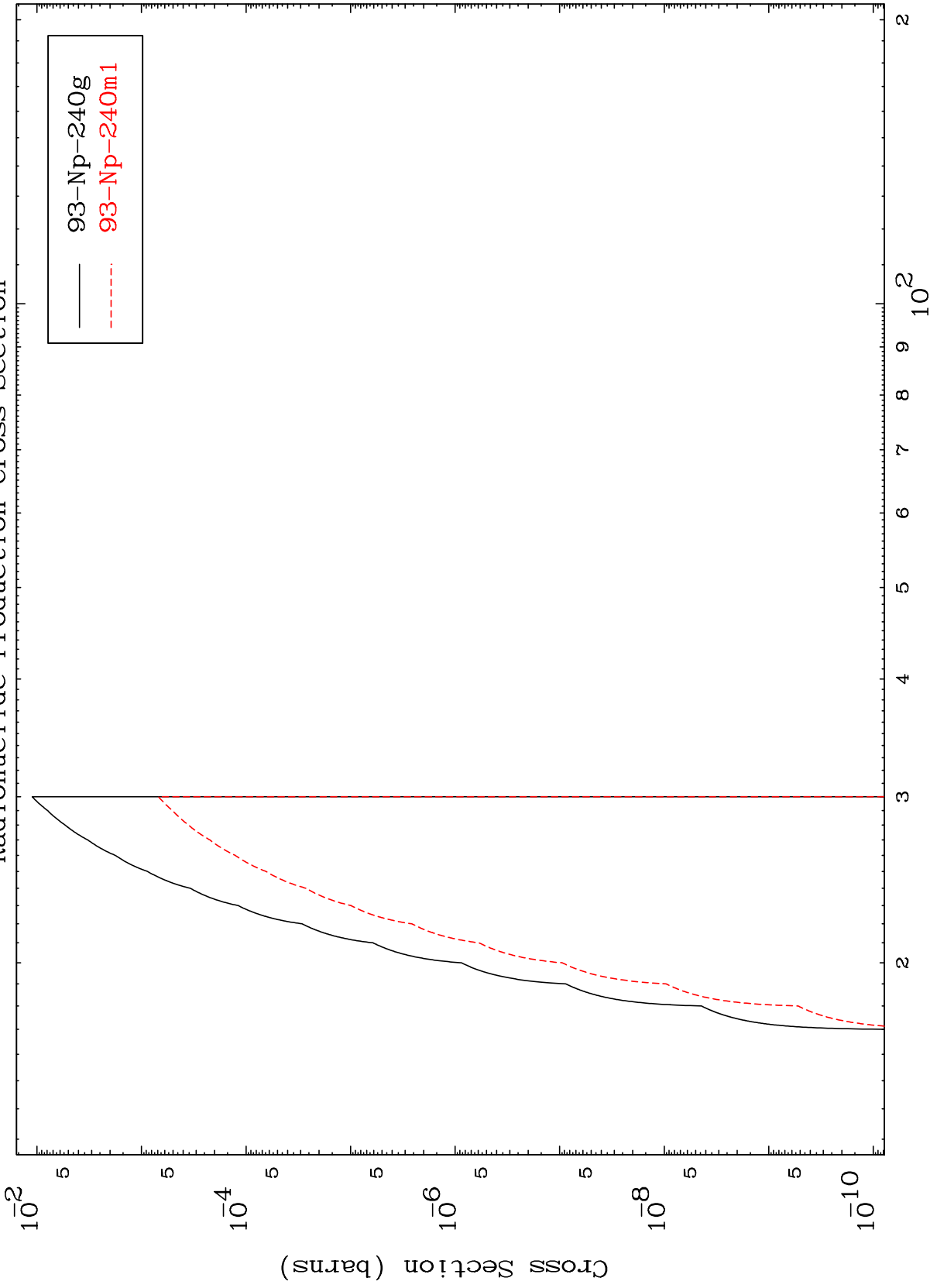
94-Pu-242

MAT 9446

(n,2n) p

94-Pu-242

Radionuclide Production Cross Section



28

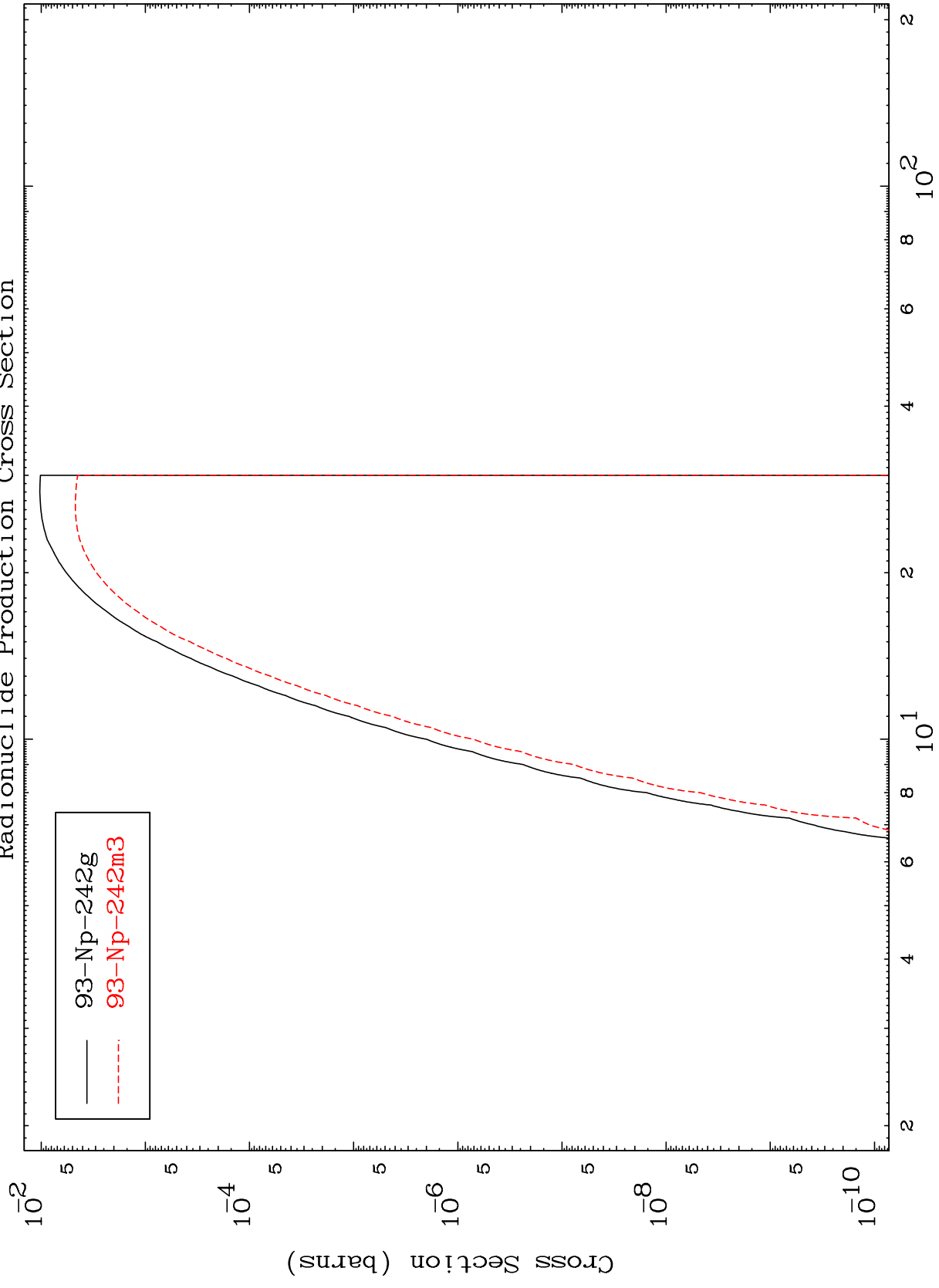
Incident Energy (MeV)

94-Pu-242

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94-Pu-242

Radionuclide Production Cross Section (n,p)



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

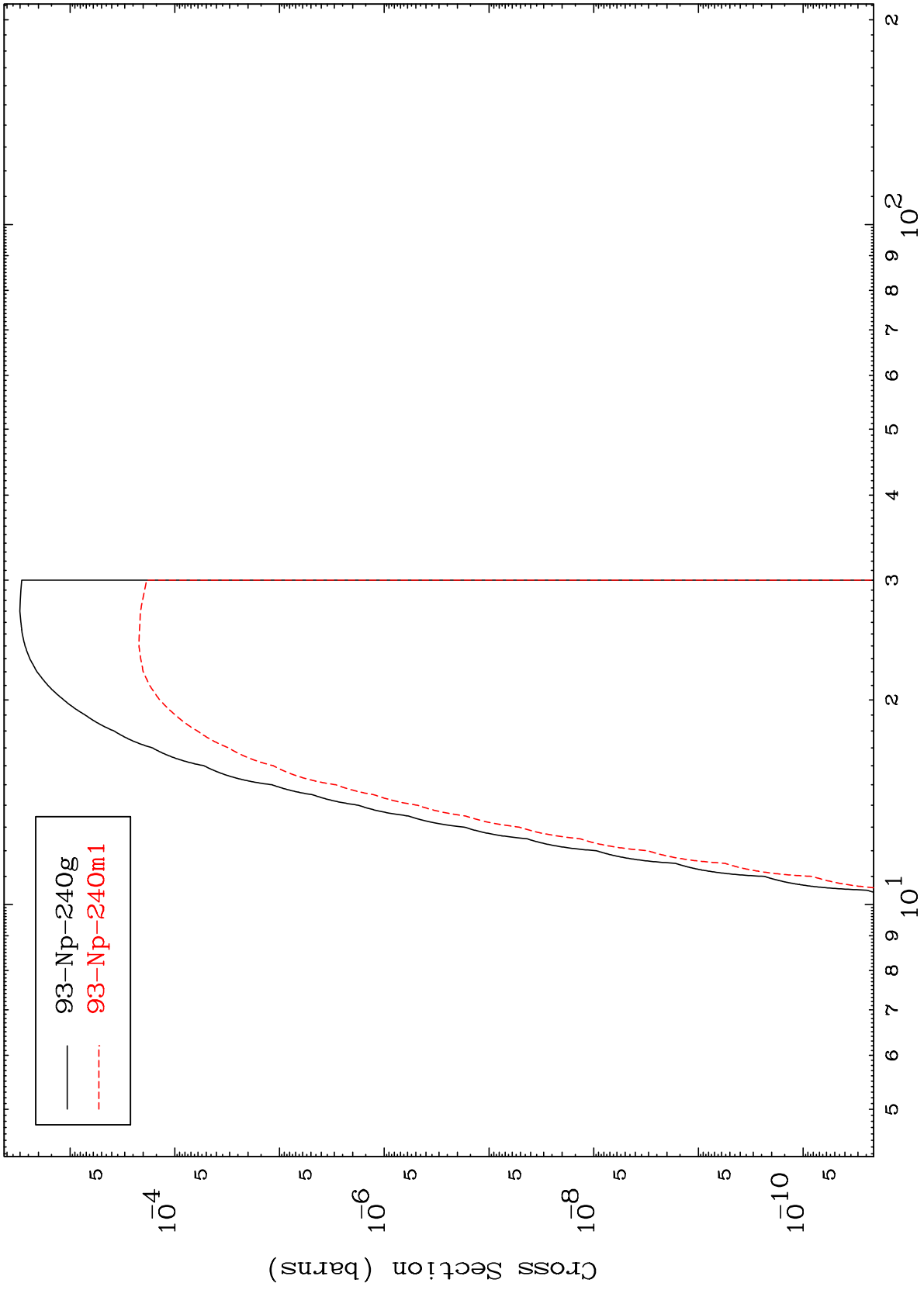
29

94-Pu-242

MAT 9446

94-Pu-242

(n, t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

94-Pu-242