

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

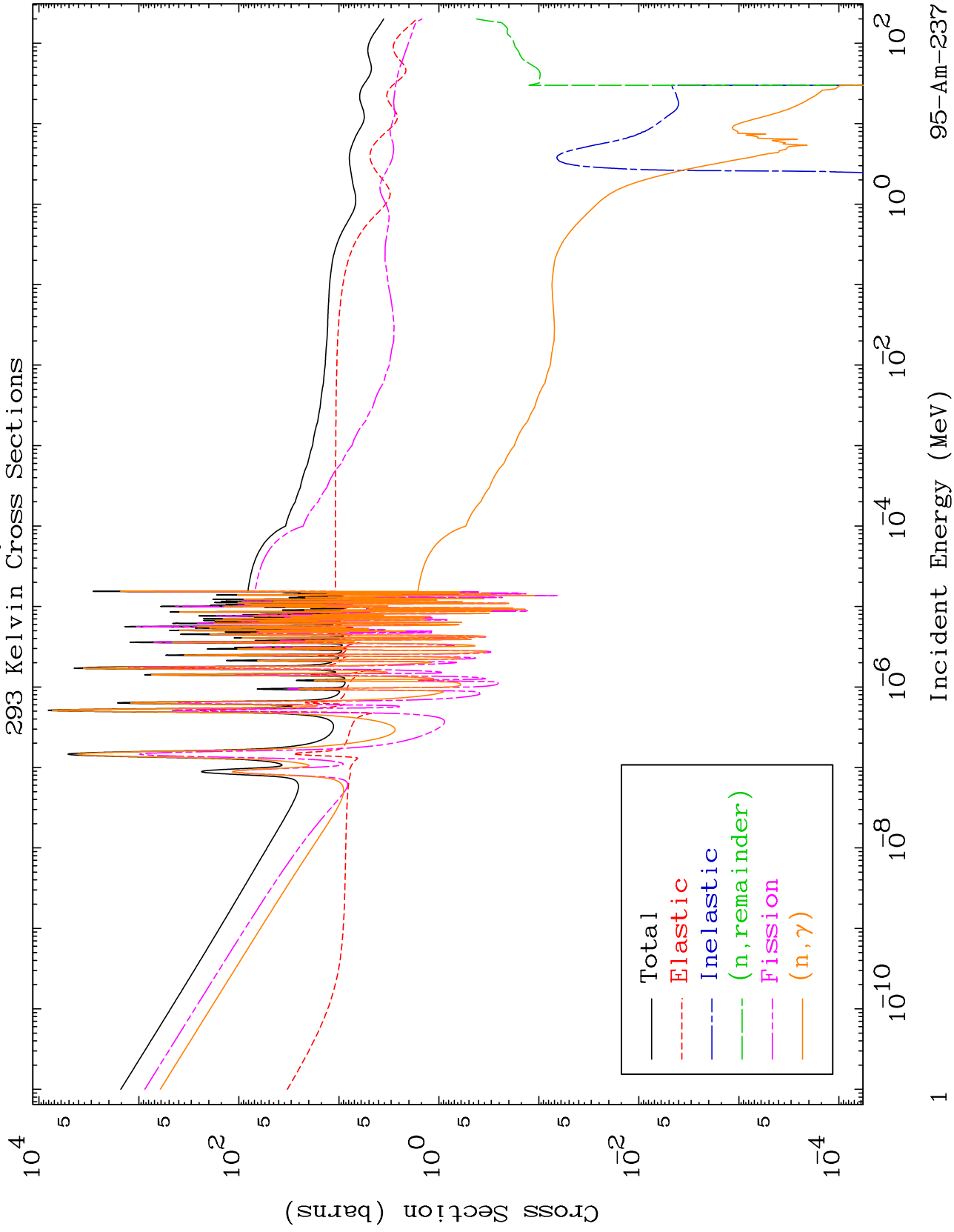
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9531

Major
293 Kelvin Cross Sections

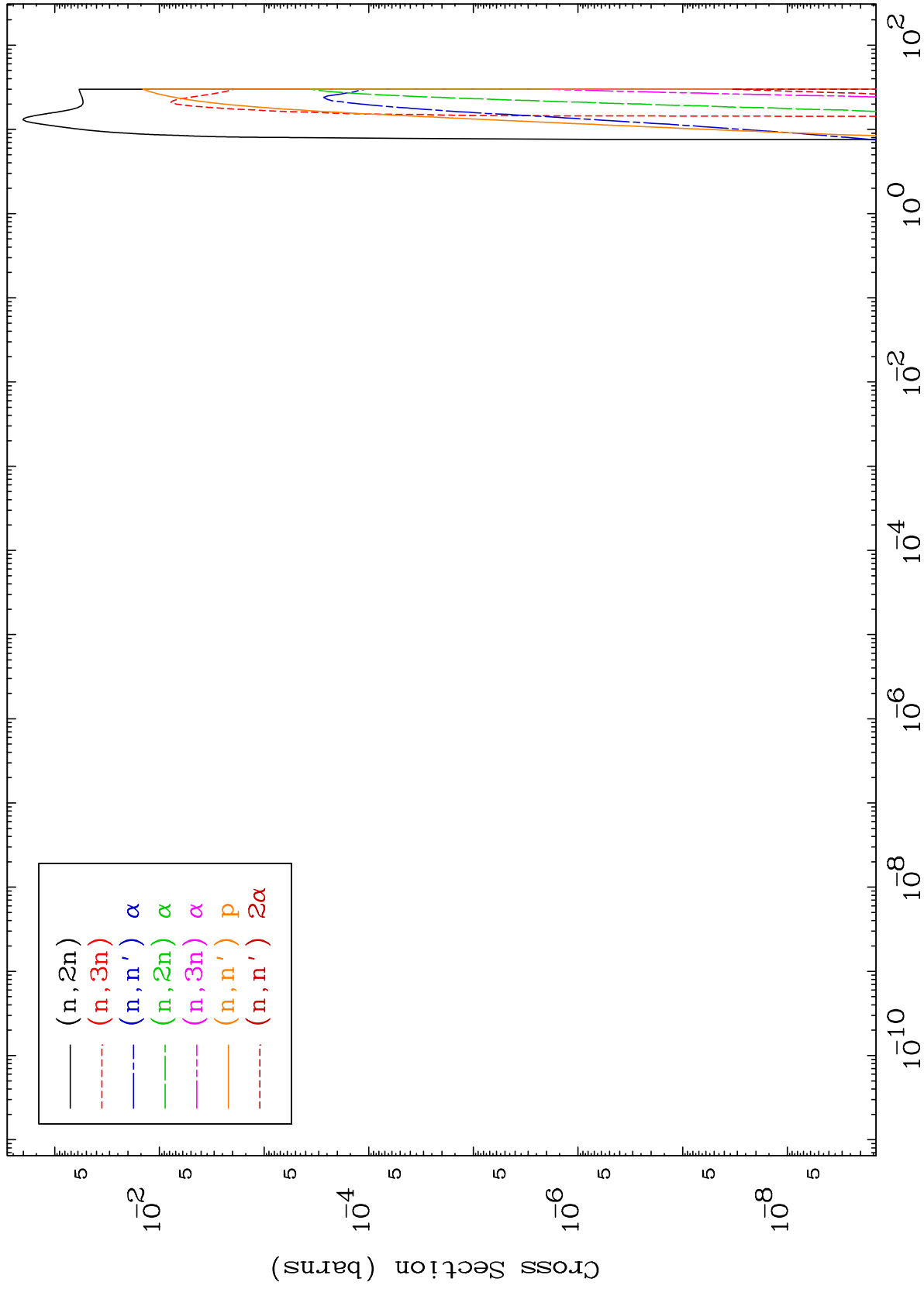
95-Am-237



MAT 9531

Neutron Production
293 Kelvin Cross Sections

95-Am-237

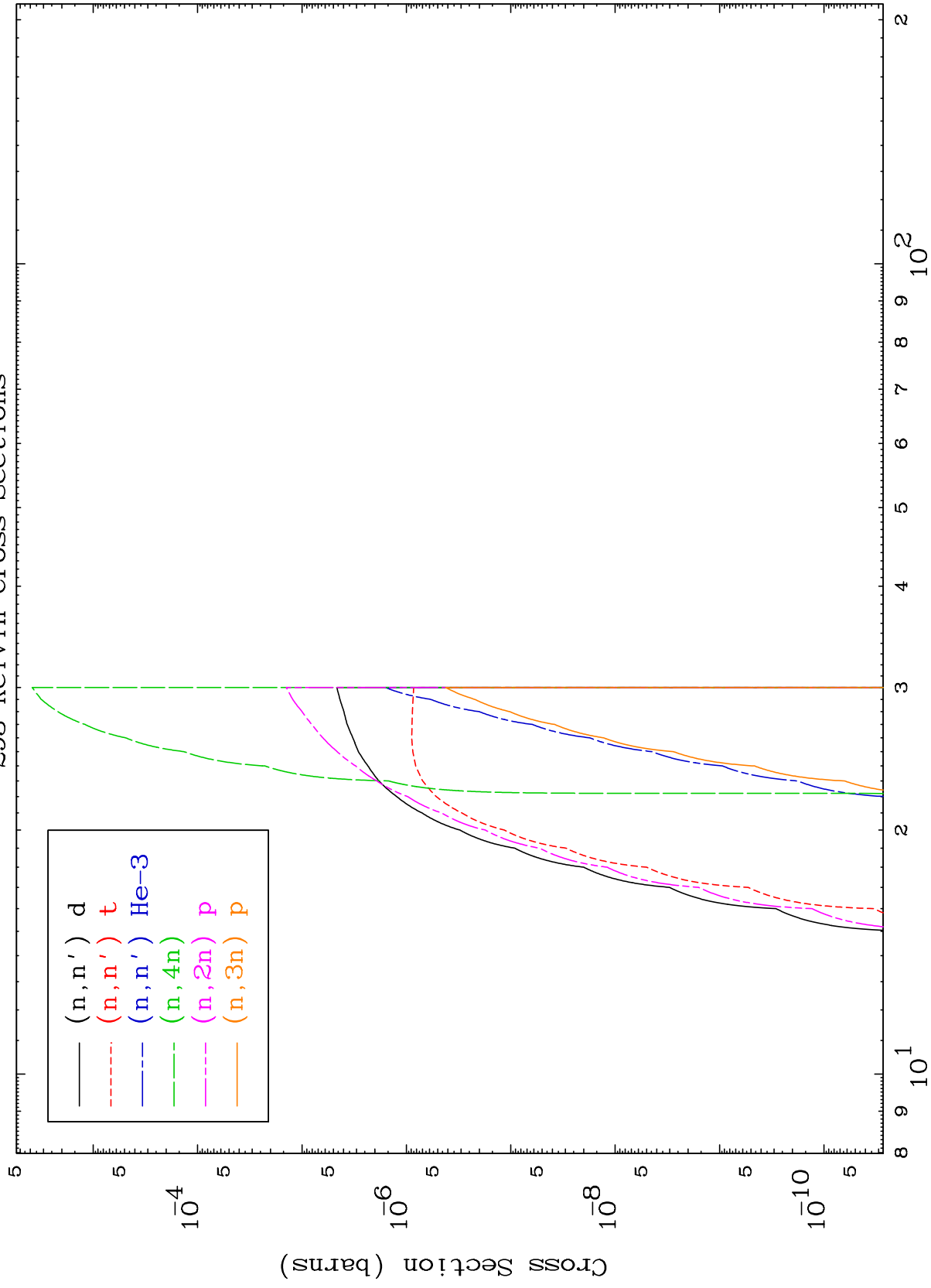


95-Am-237

MAT 9531

Neutron Production
293 Kelvin Cross Sections

95-Am-237



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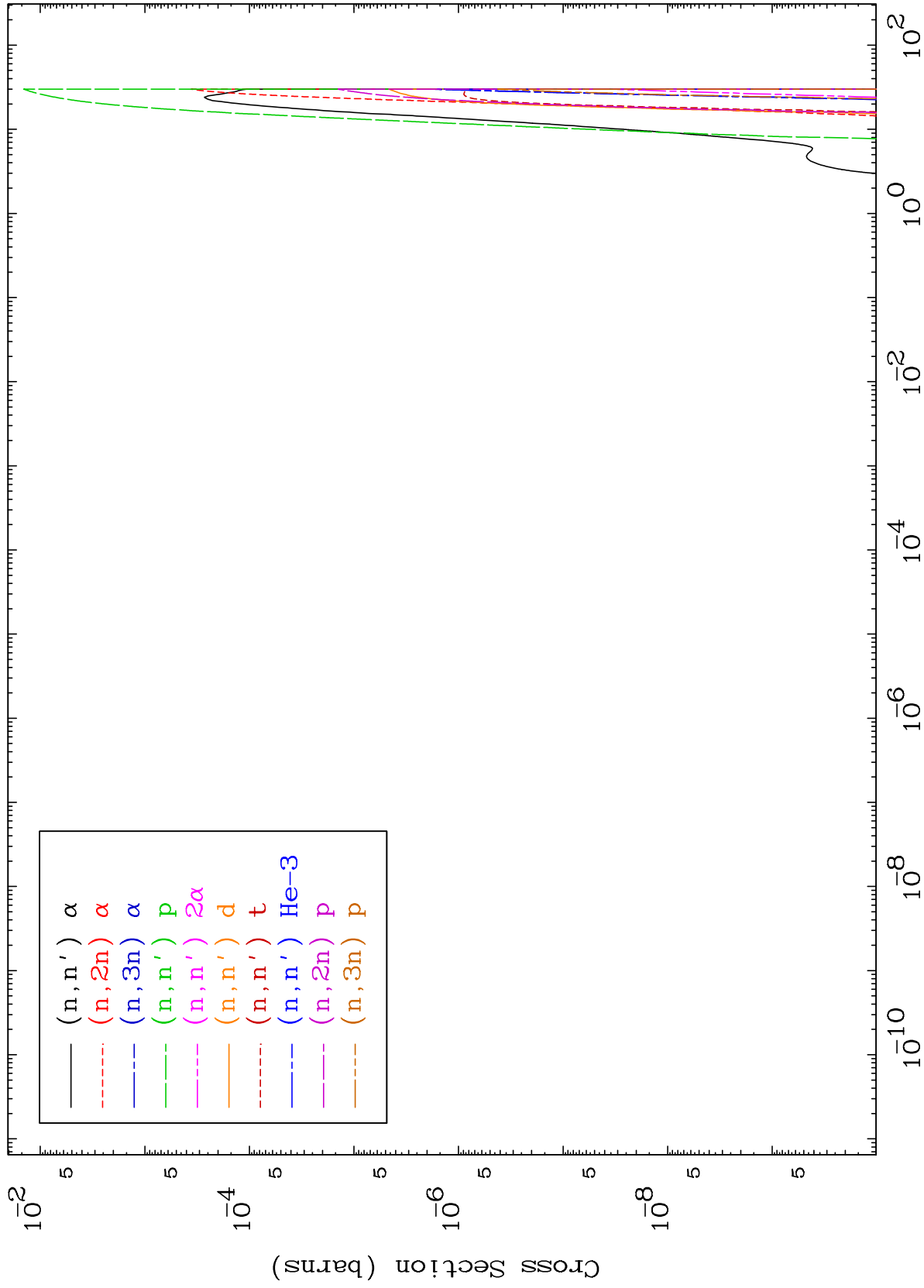
Incident Energy (MeV)

95-Am-237

MAT 9531

Charged Particle
293 Kelvin Cross Sections

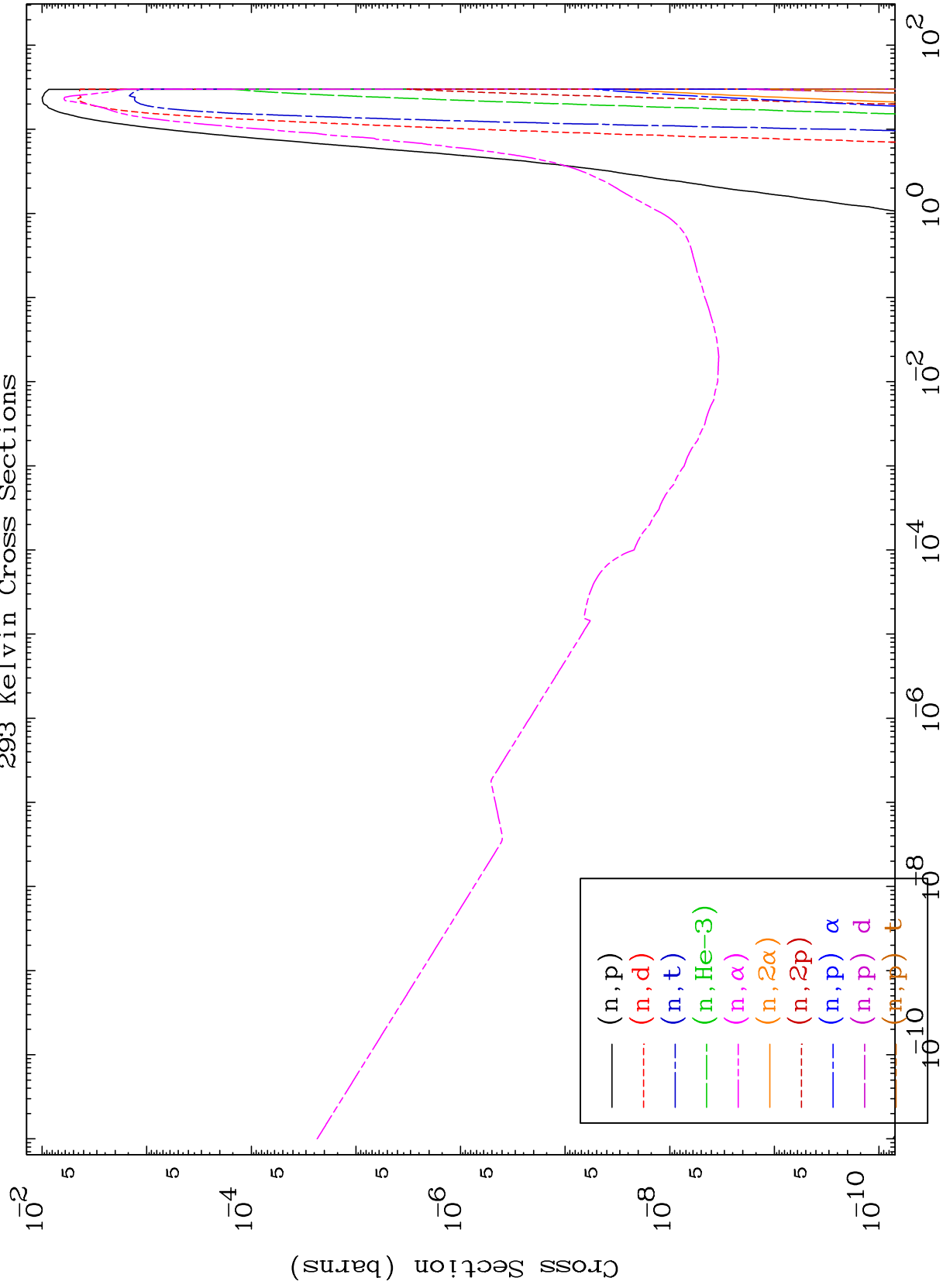
95-Am-237



MAT 9531

293 Kelvin Cross Sections

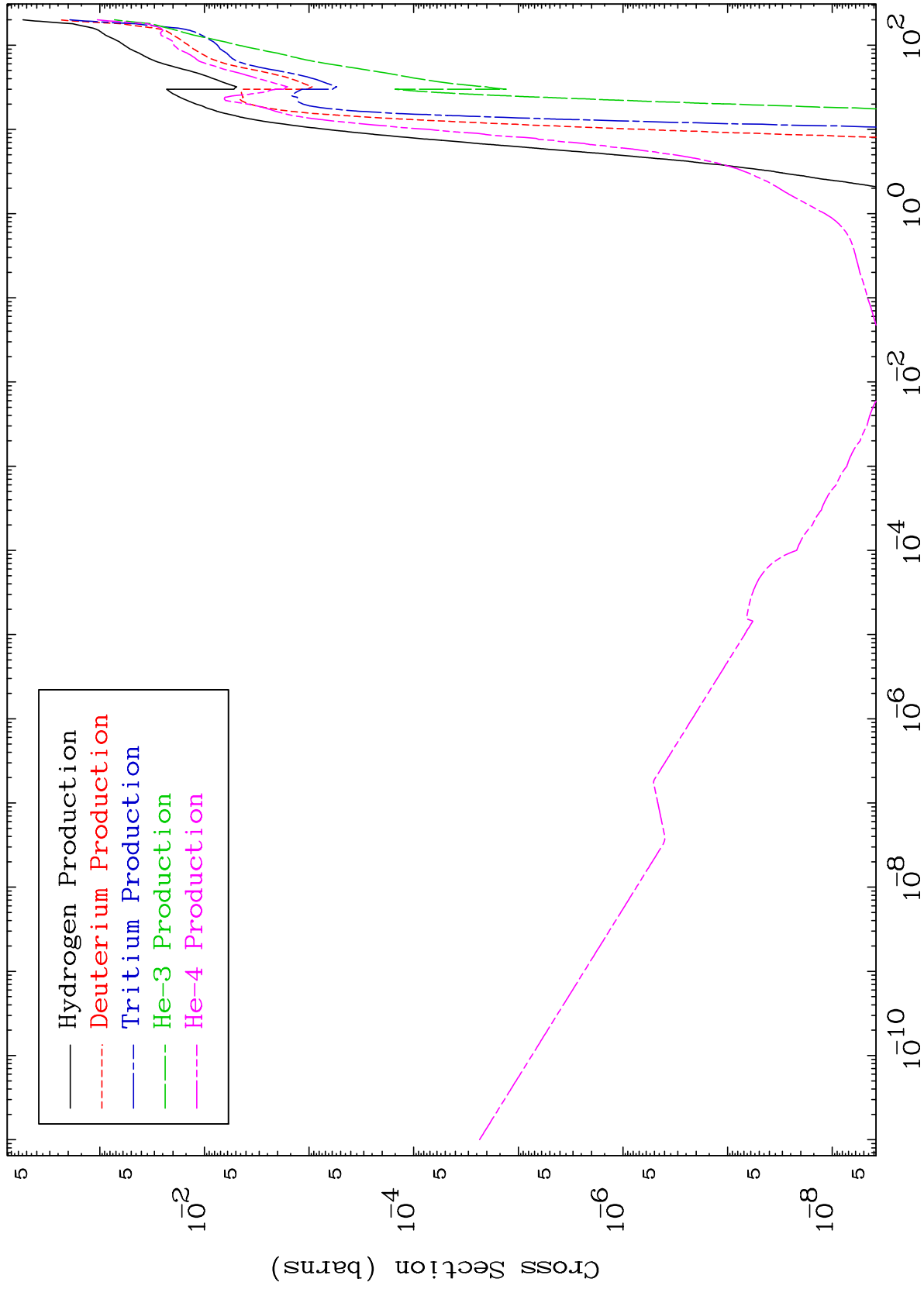
95-Am-237



MAT 9531

Particle Production
293 Kelvin Cross Sections

95-Am-237



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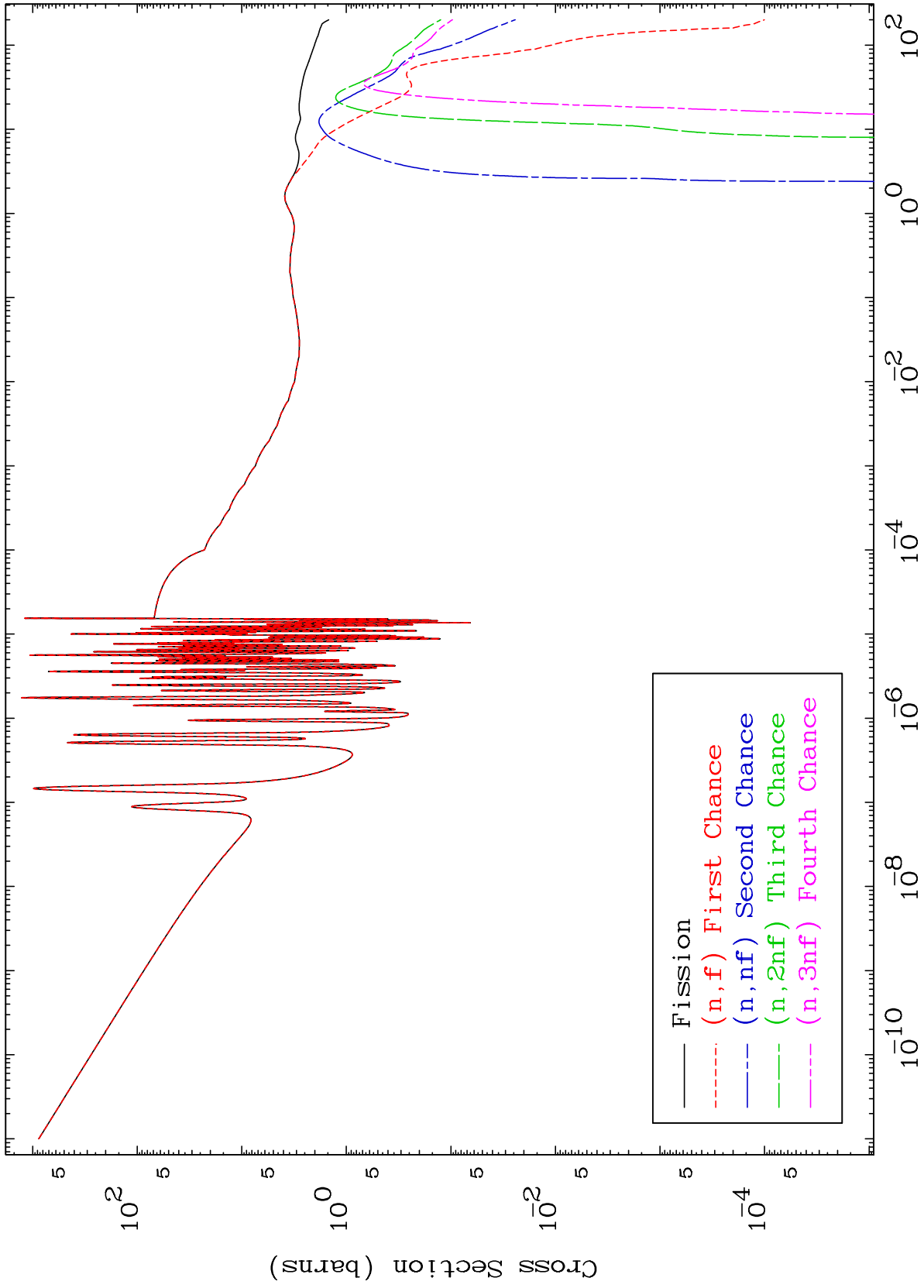
Incident Energy (MeV)

95-Am-237

MAT 9531

Fission
293 Kelvin Cross Sections

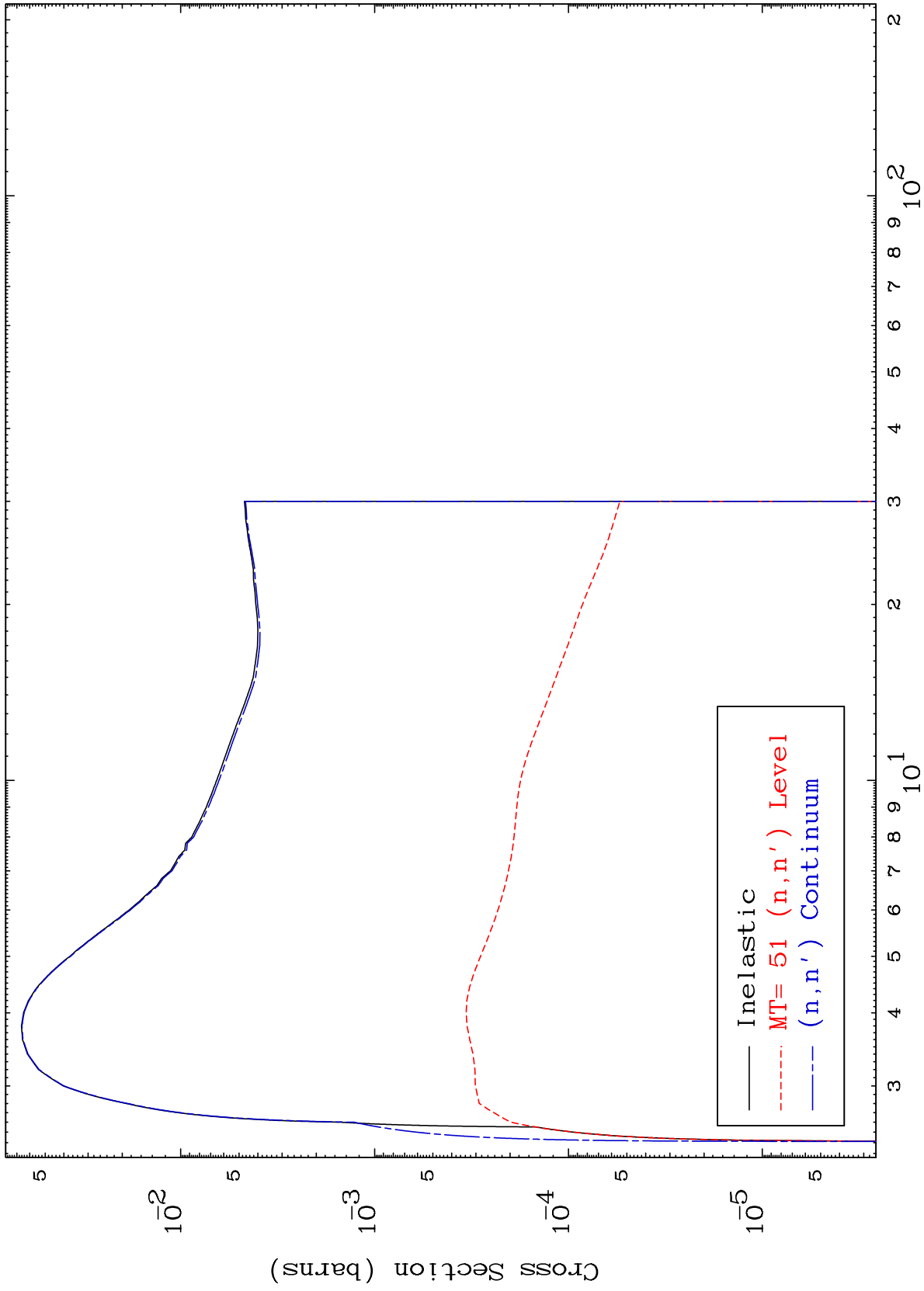
95-Am-237



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Incident Energy (MeV)

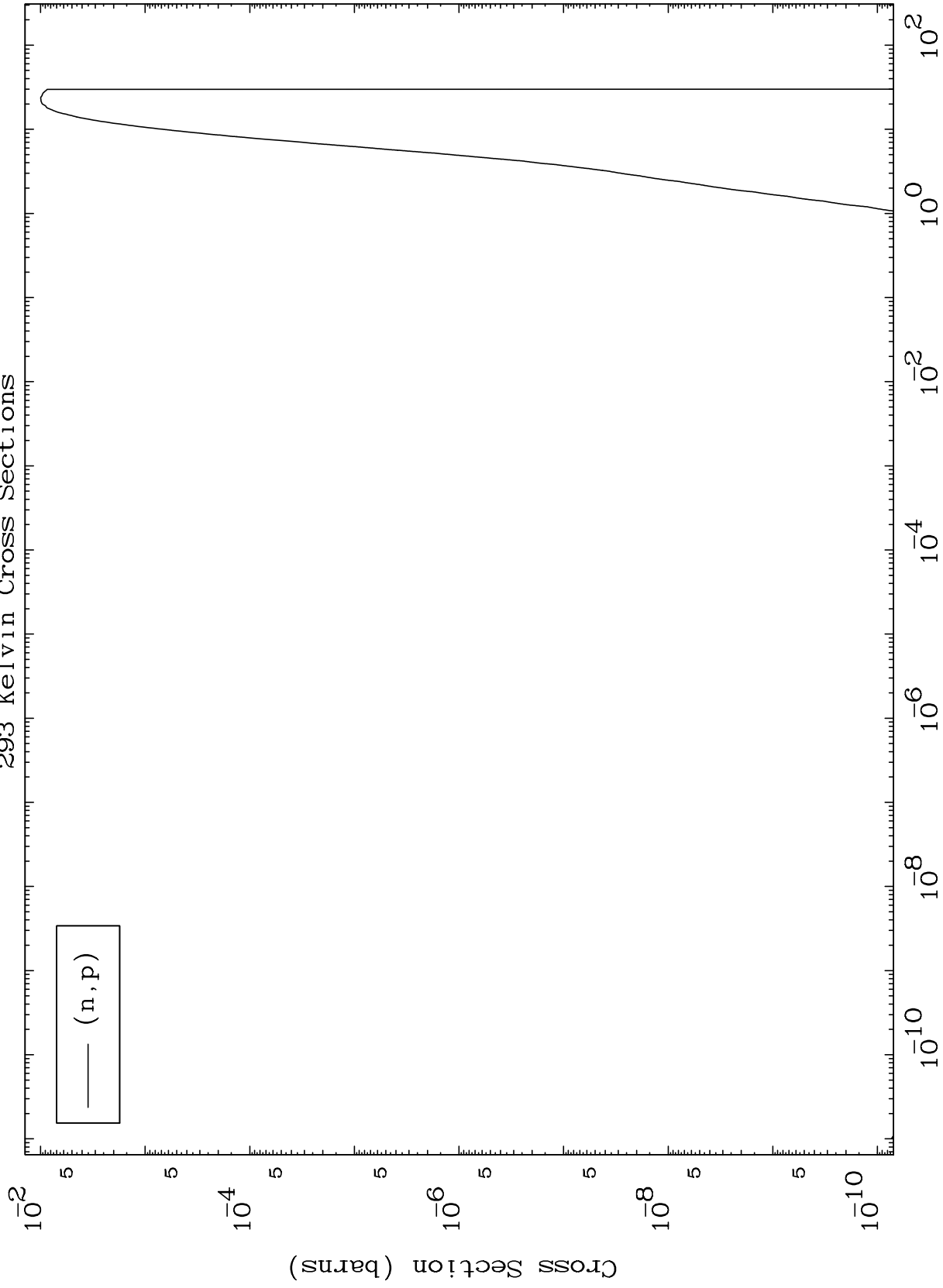
95-Am-237



MAT 9531

(n,p) Levels
293 Kelvin Cross Sections

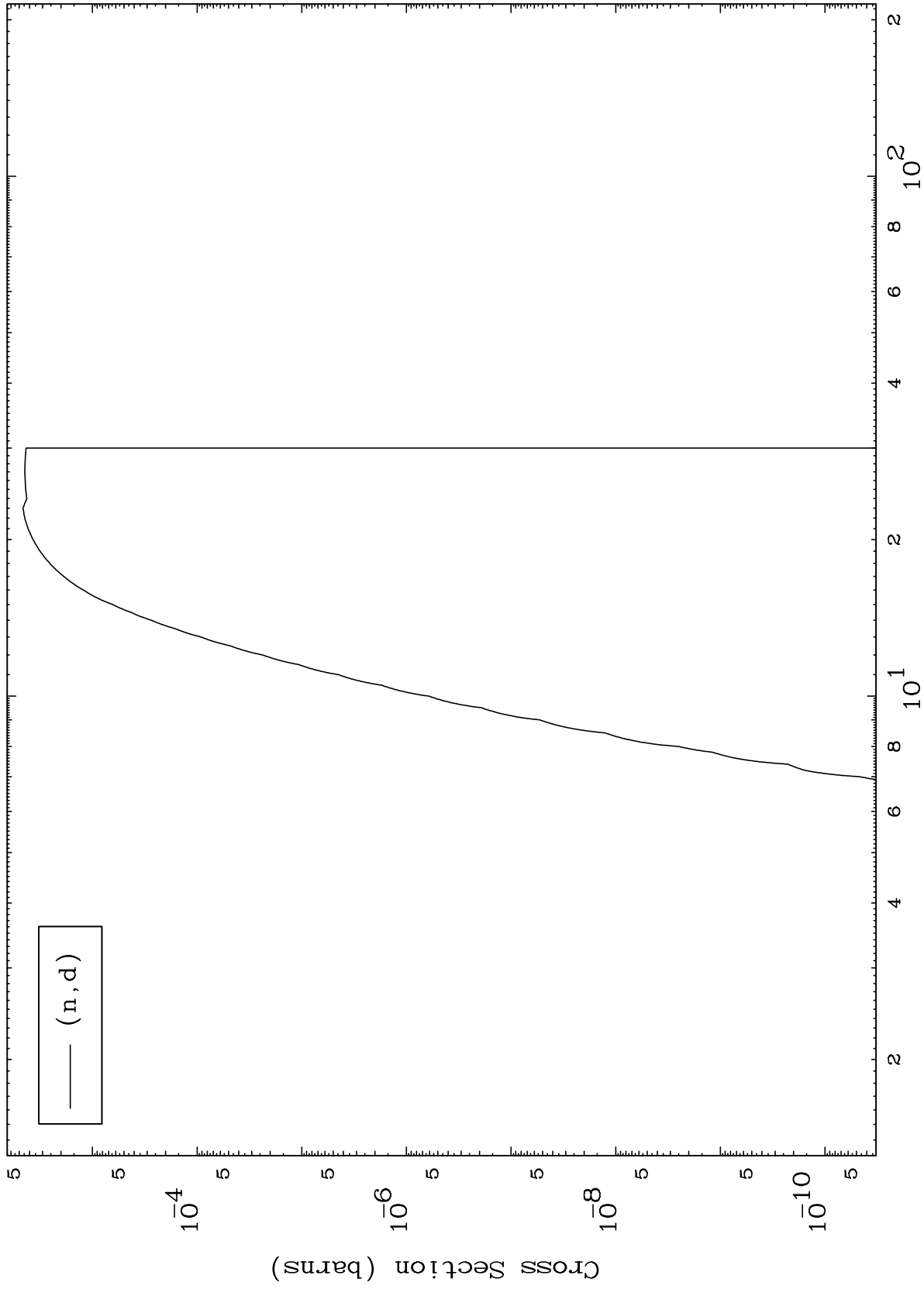
95-Am-237



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(n,d) Levels
293 Kelvin Cross Sections

95-Am-237



10

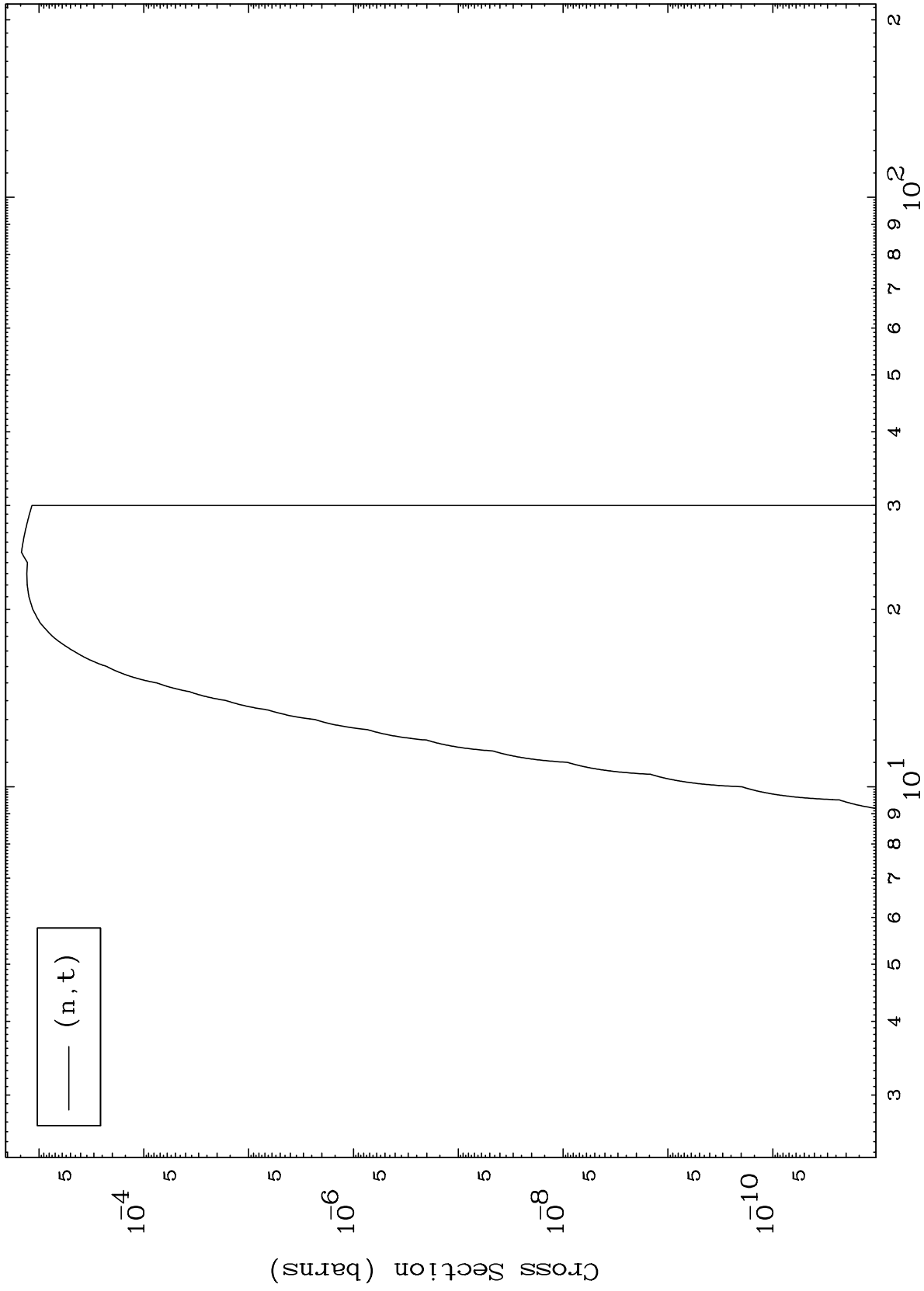
Incident Energy (MeV)

95-Am-237

MAT 9531

95-Am-237

(n,t) Levels
293 Kelvin Cross Sections



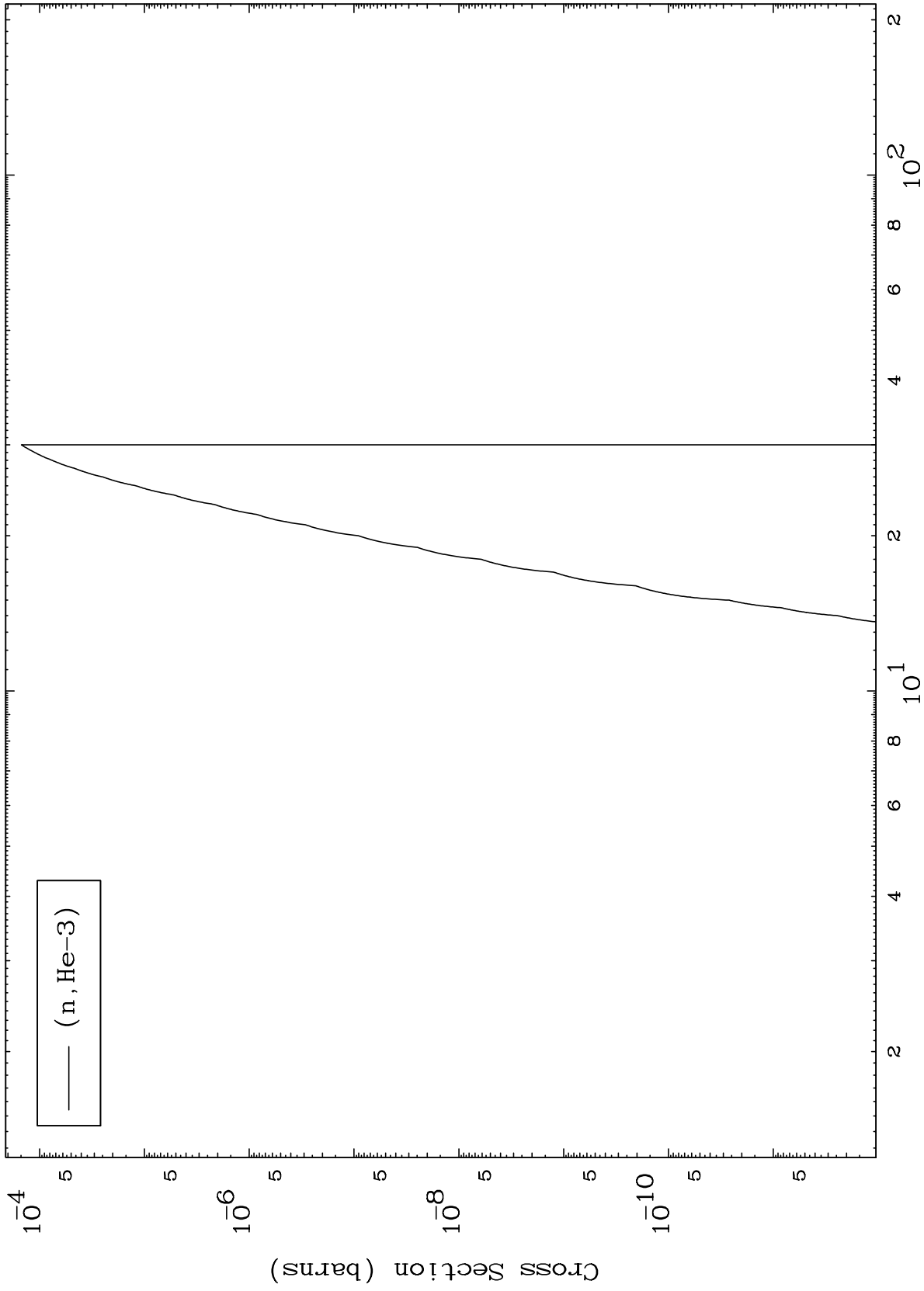
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MAT 9531

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-237



12

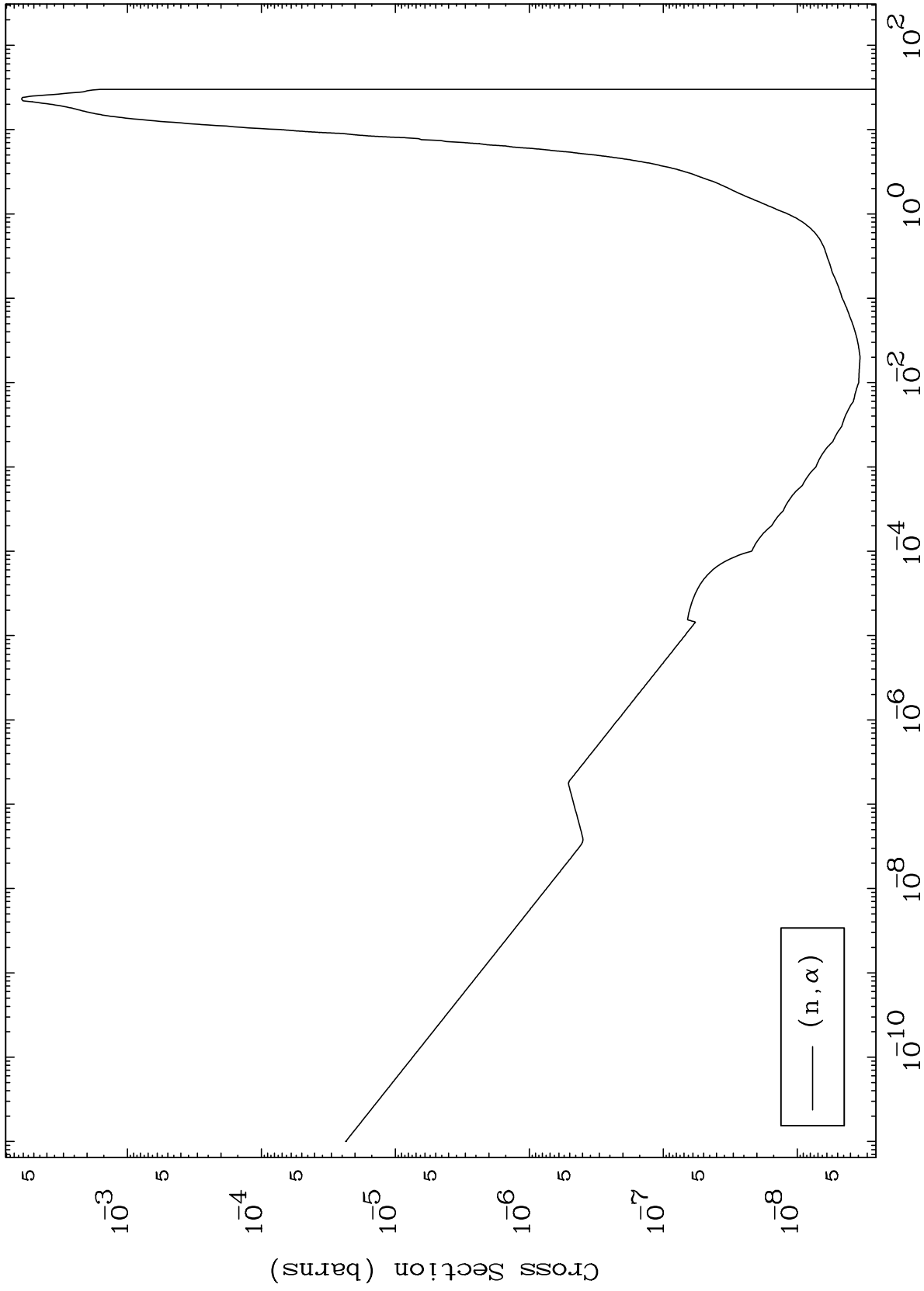
Incident Energy (MeV)

95-Am-237

MAT 9531

(n,α) Levels
293 Kelvin Cross Sections

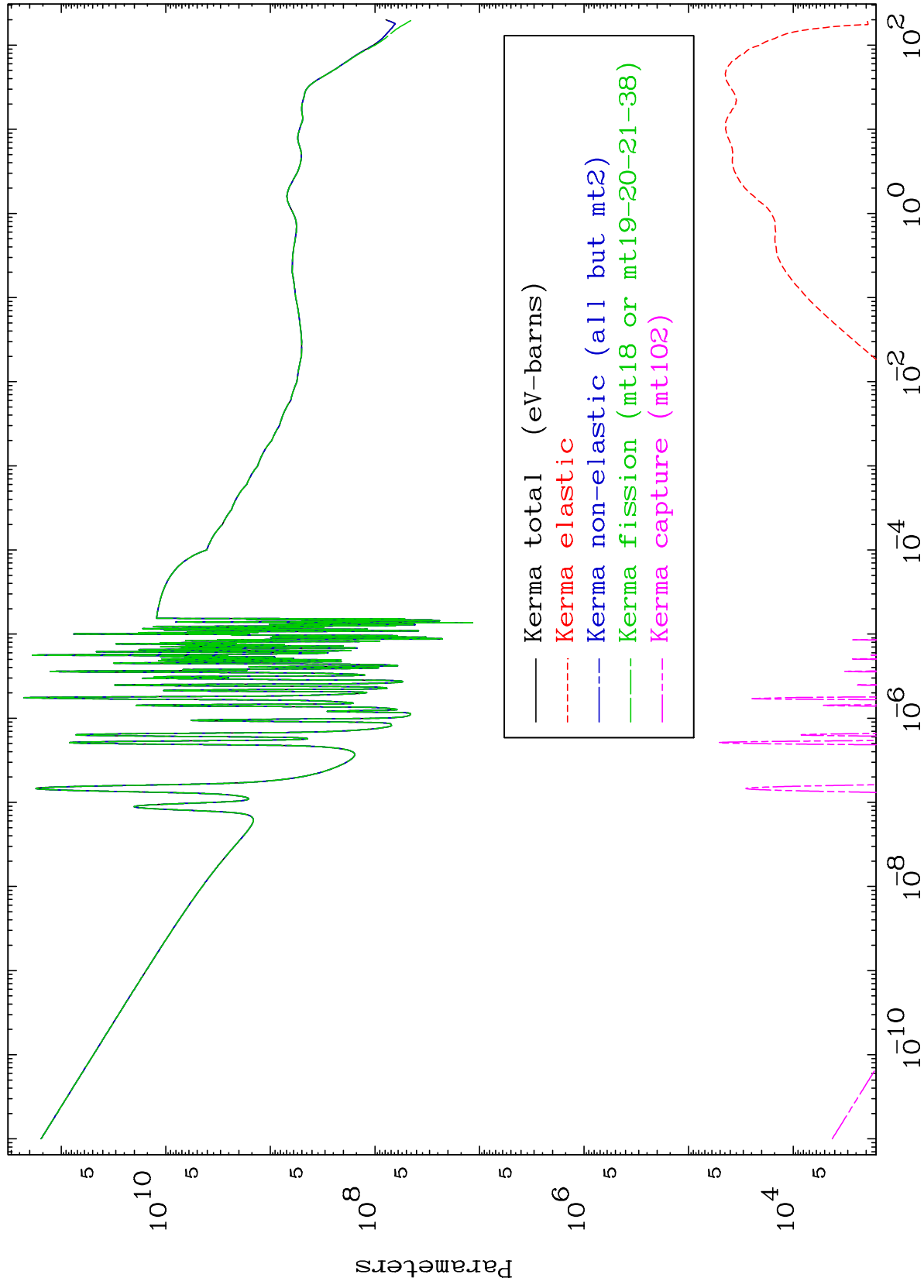
95-Am-237

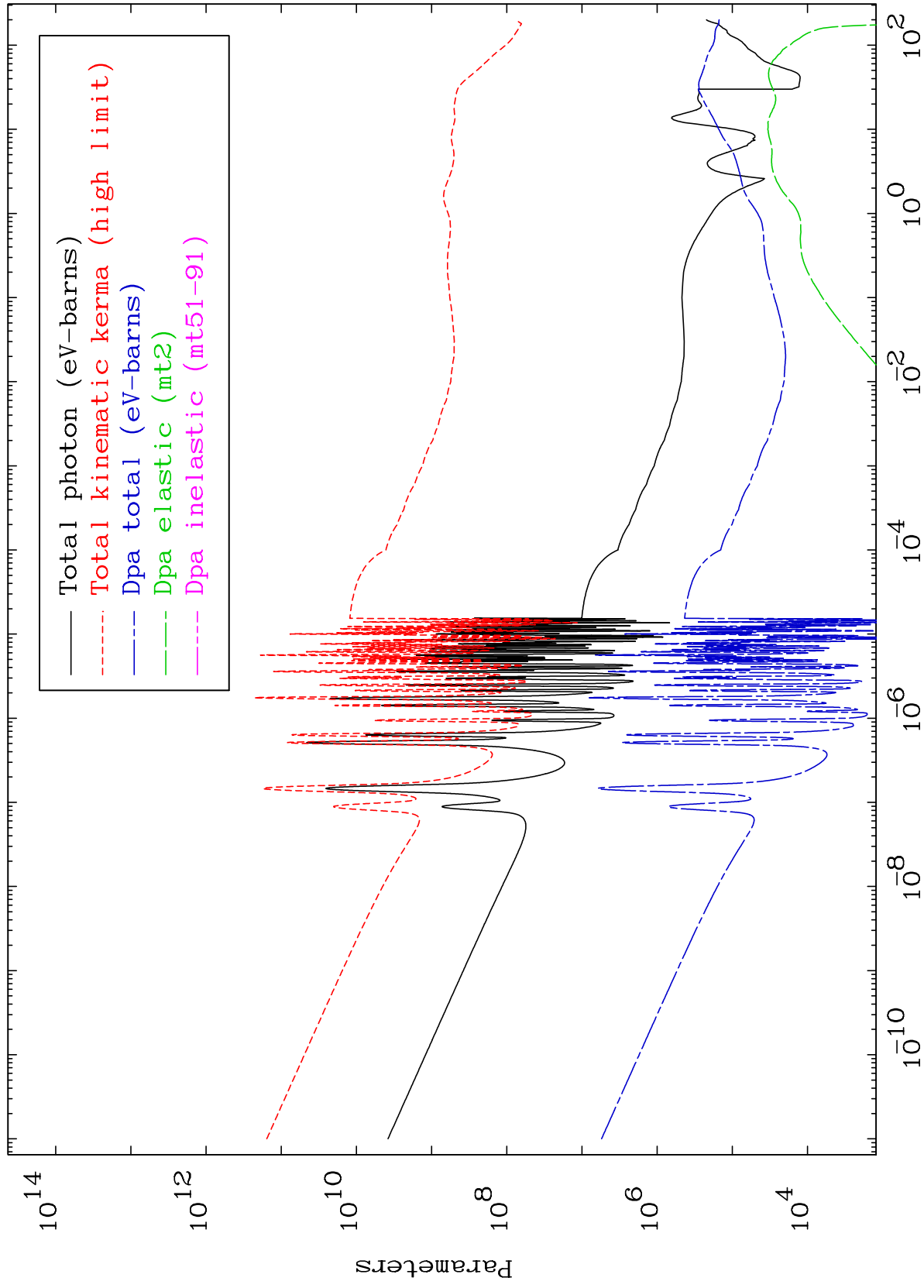


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Incident Energy (MeV)

95-Am-237

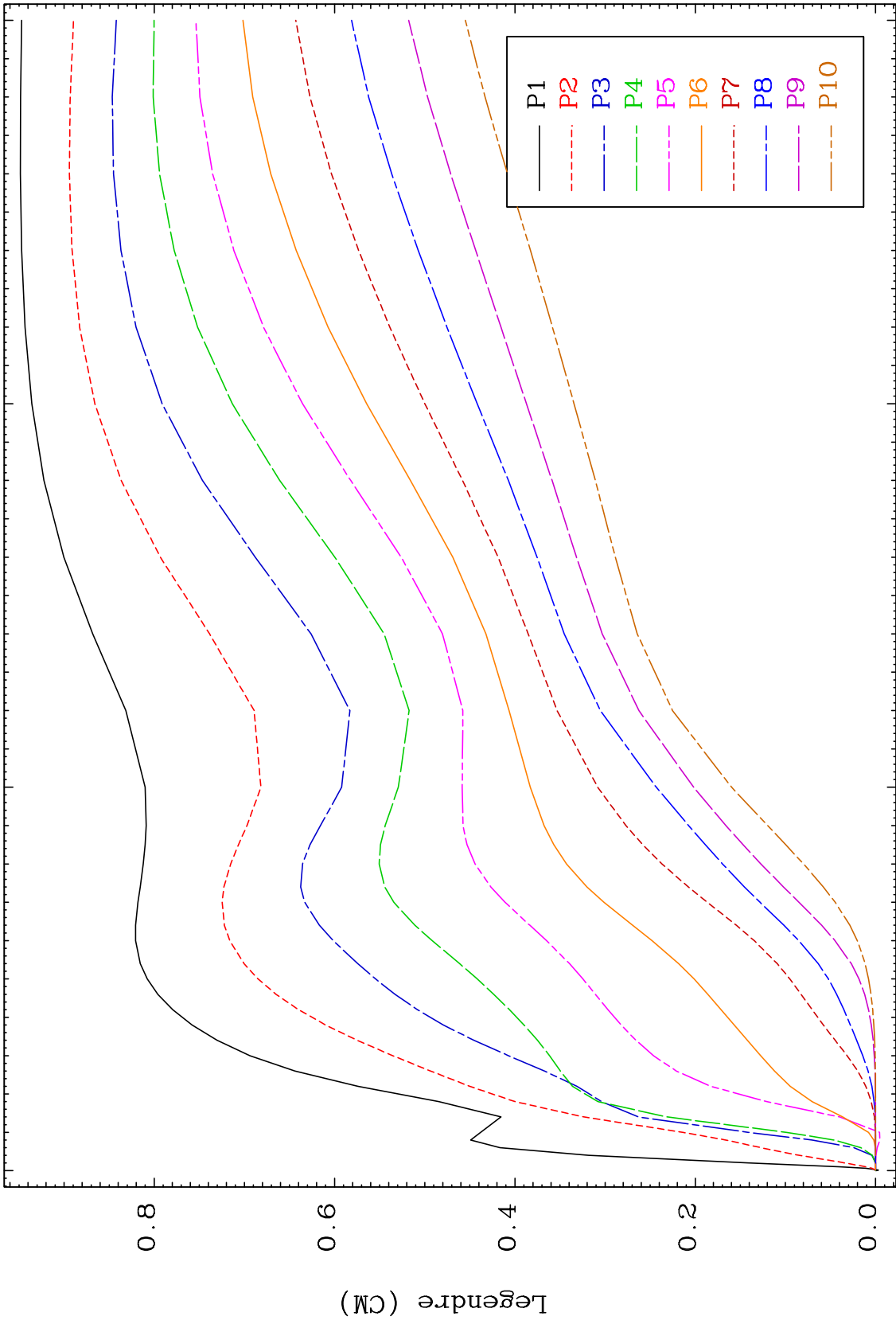




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Elastic Legendre Coefficients

95-Am-237



16

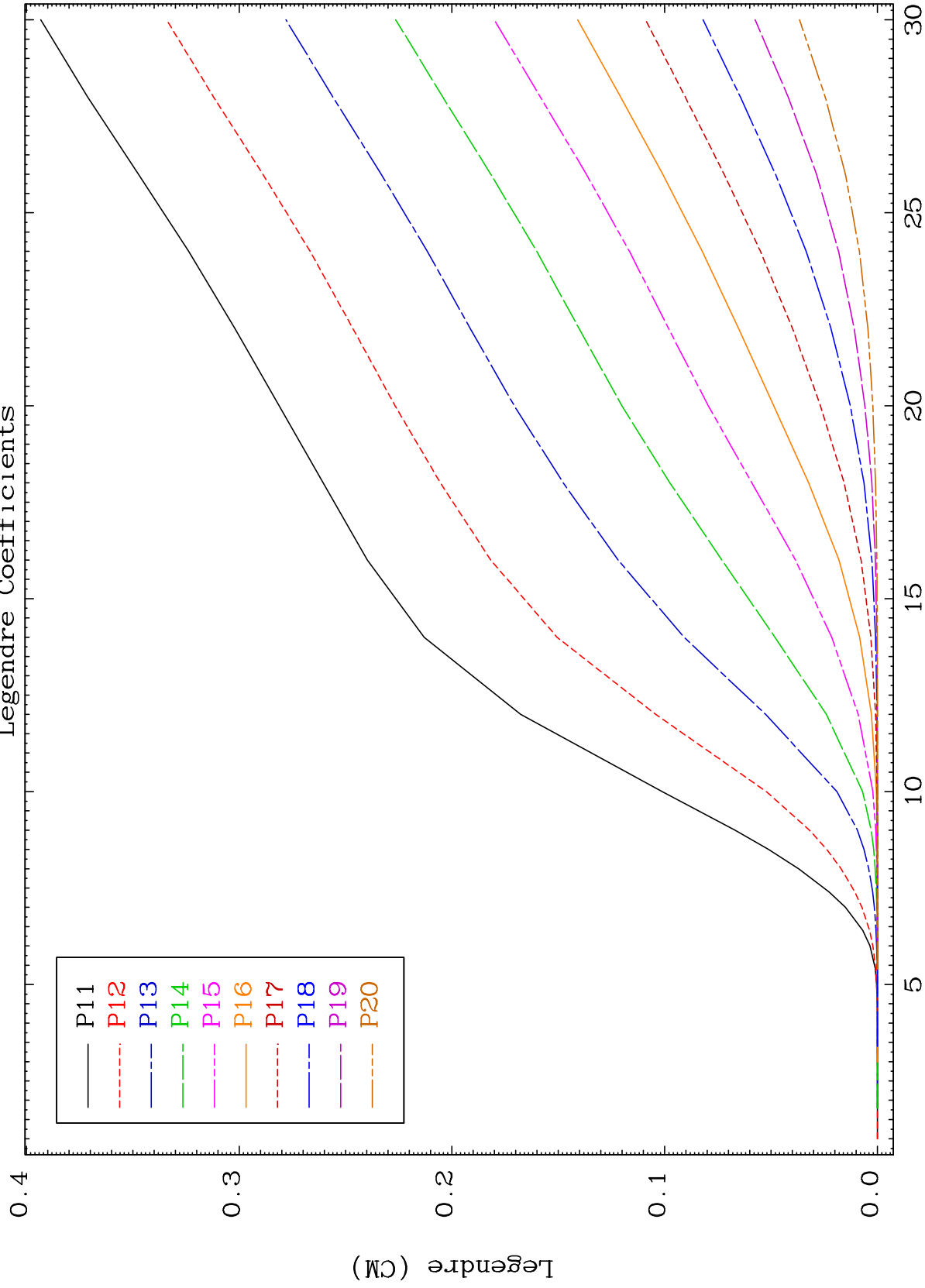
Incident Energy (MeV)

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MAT 9531

Elastic Legendre Coefficients

95-Am-237



17

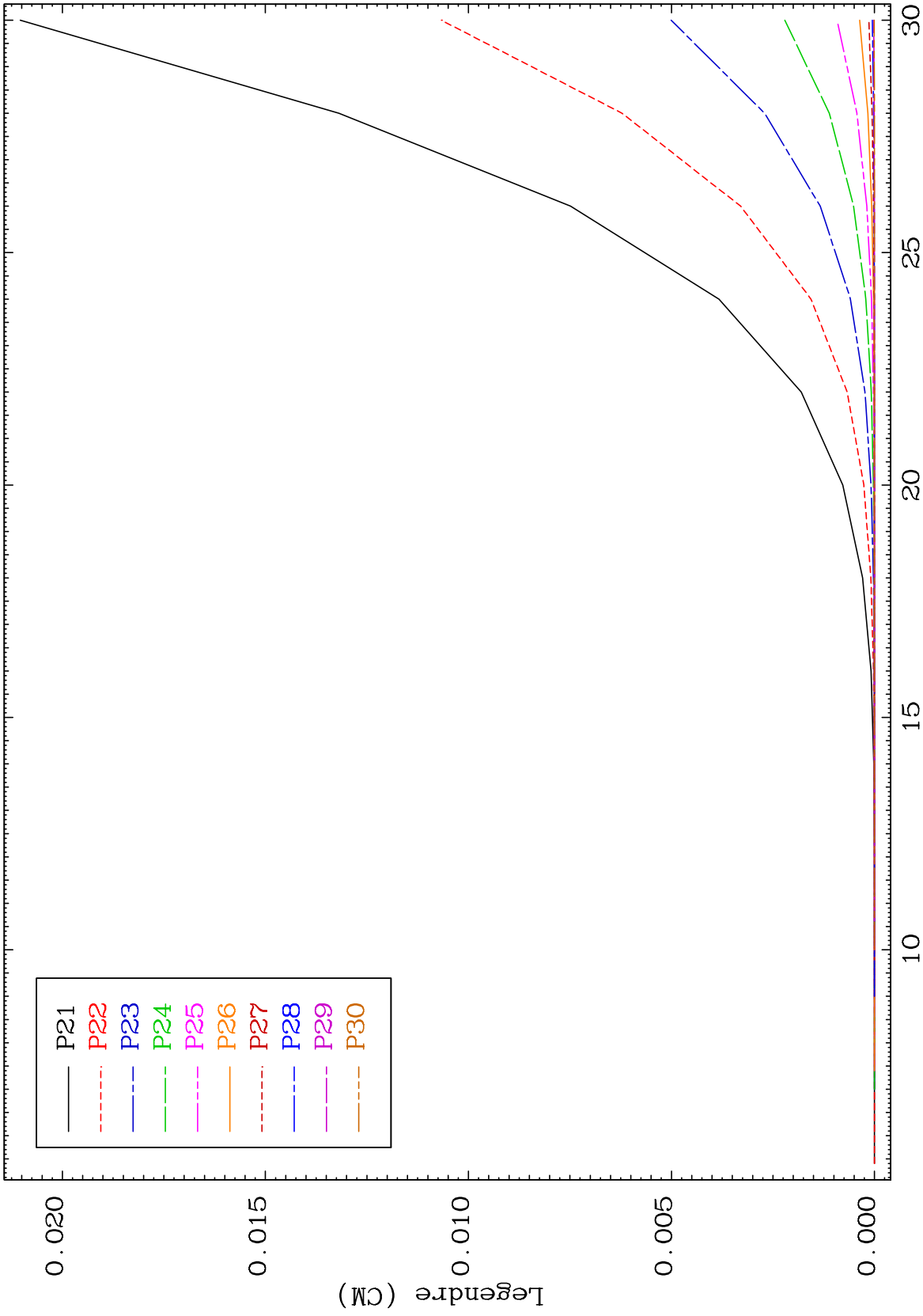
Incident Energy (MeV)

95-Am-237

MAT 9531

Elastic Legendre Coefficients

95-Am-237



18

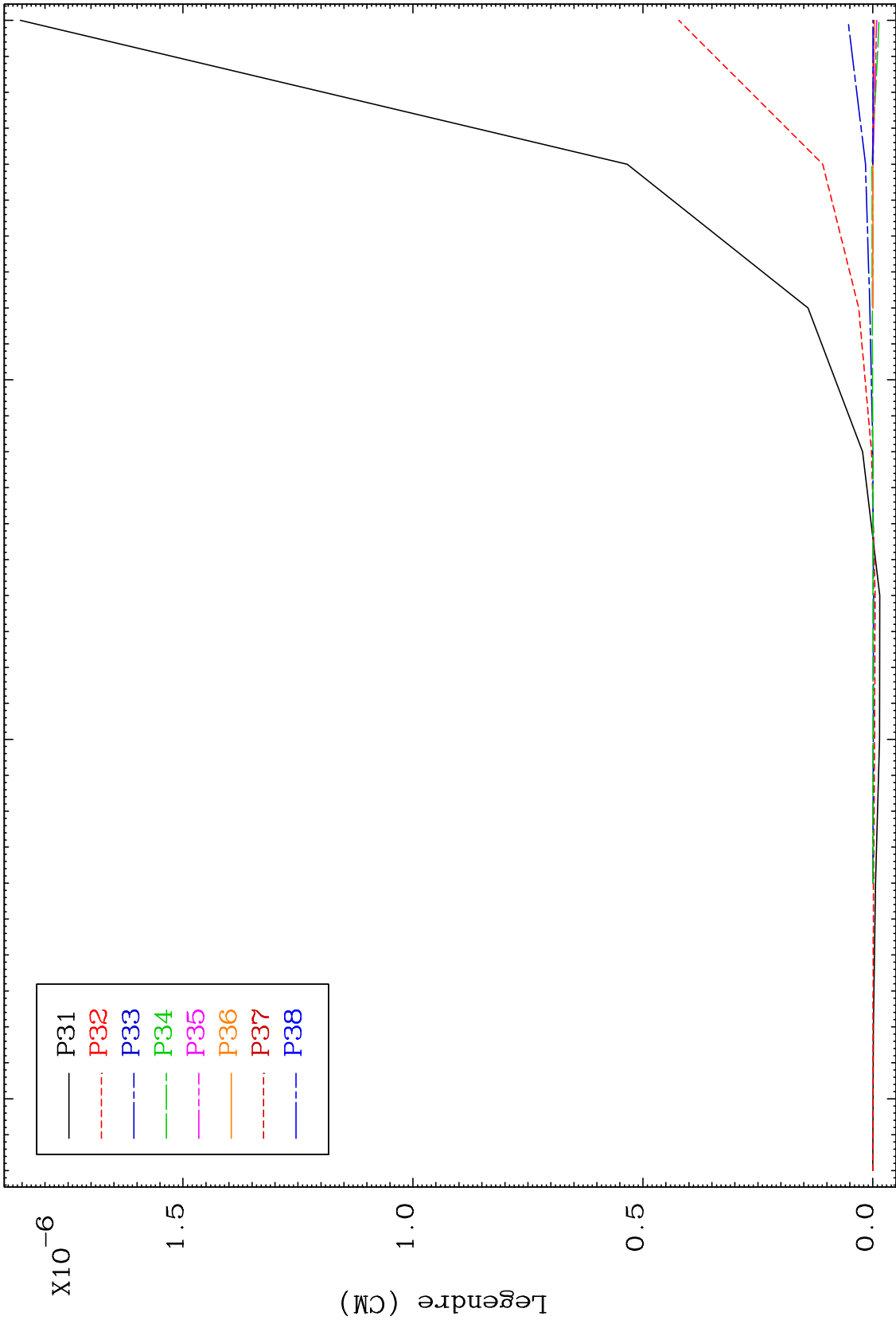
Incident Energy (MeV)

95-Am-237

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Elastic Legendre Coefficients

95-Am-237



19

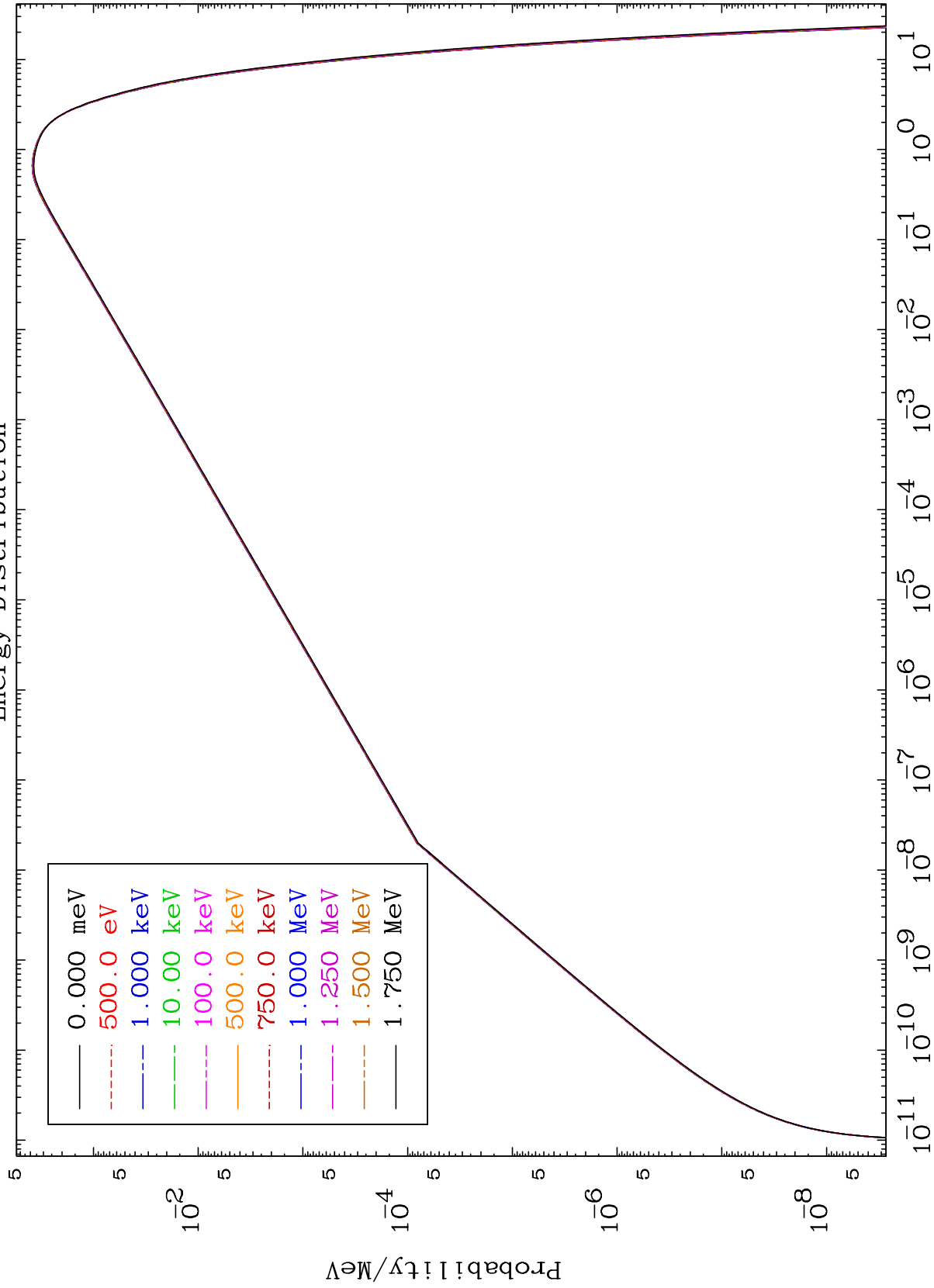
Incident Energy (MeV)

95-Am-237

MAT 9531

Fission Energy Distribution

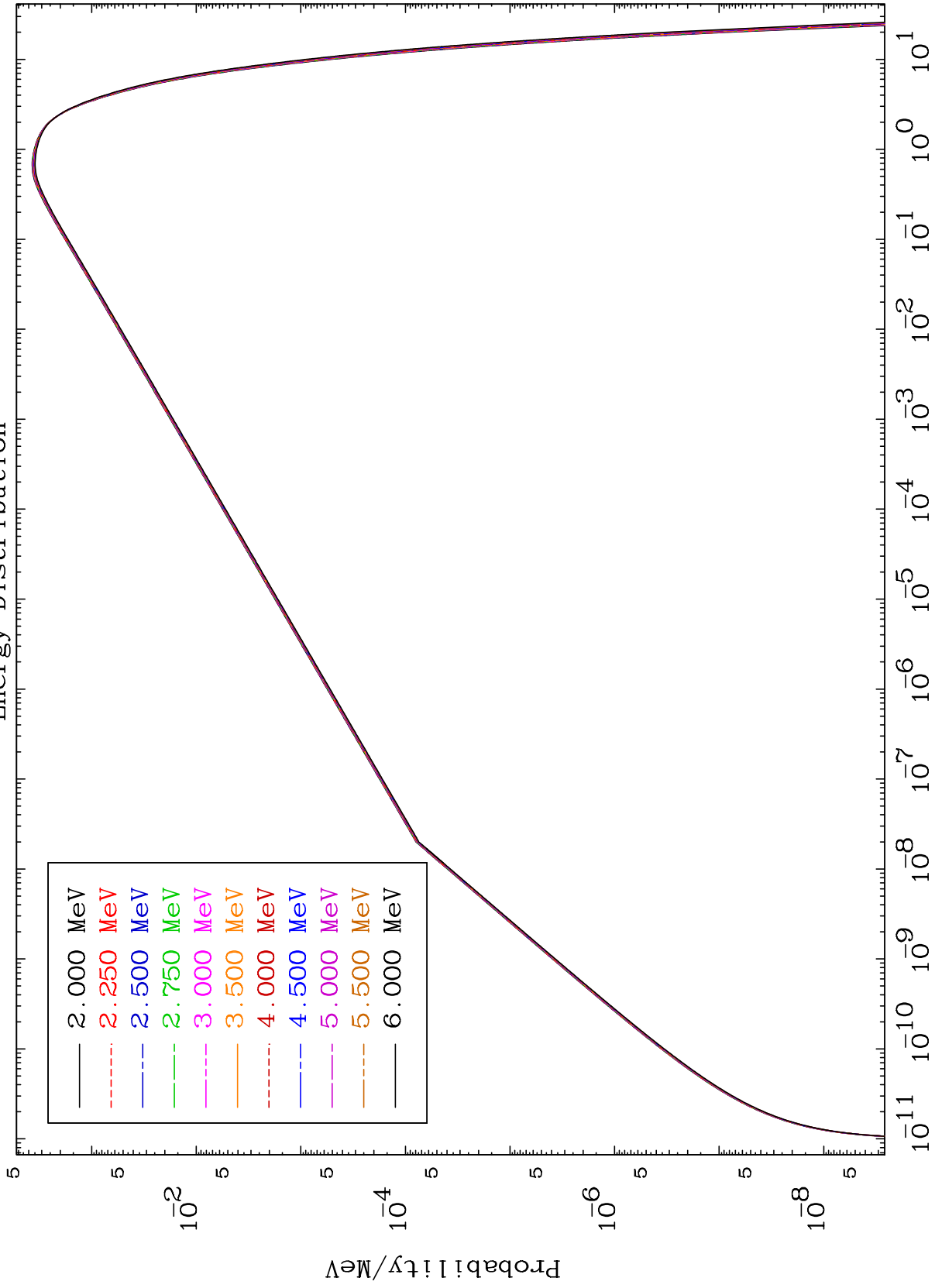
95-Am-237



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Fission Energy Distribution

95-Am-237

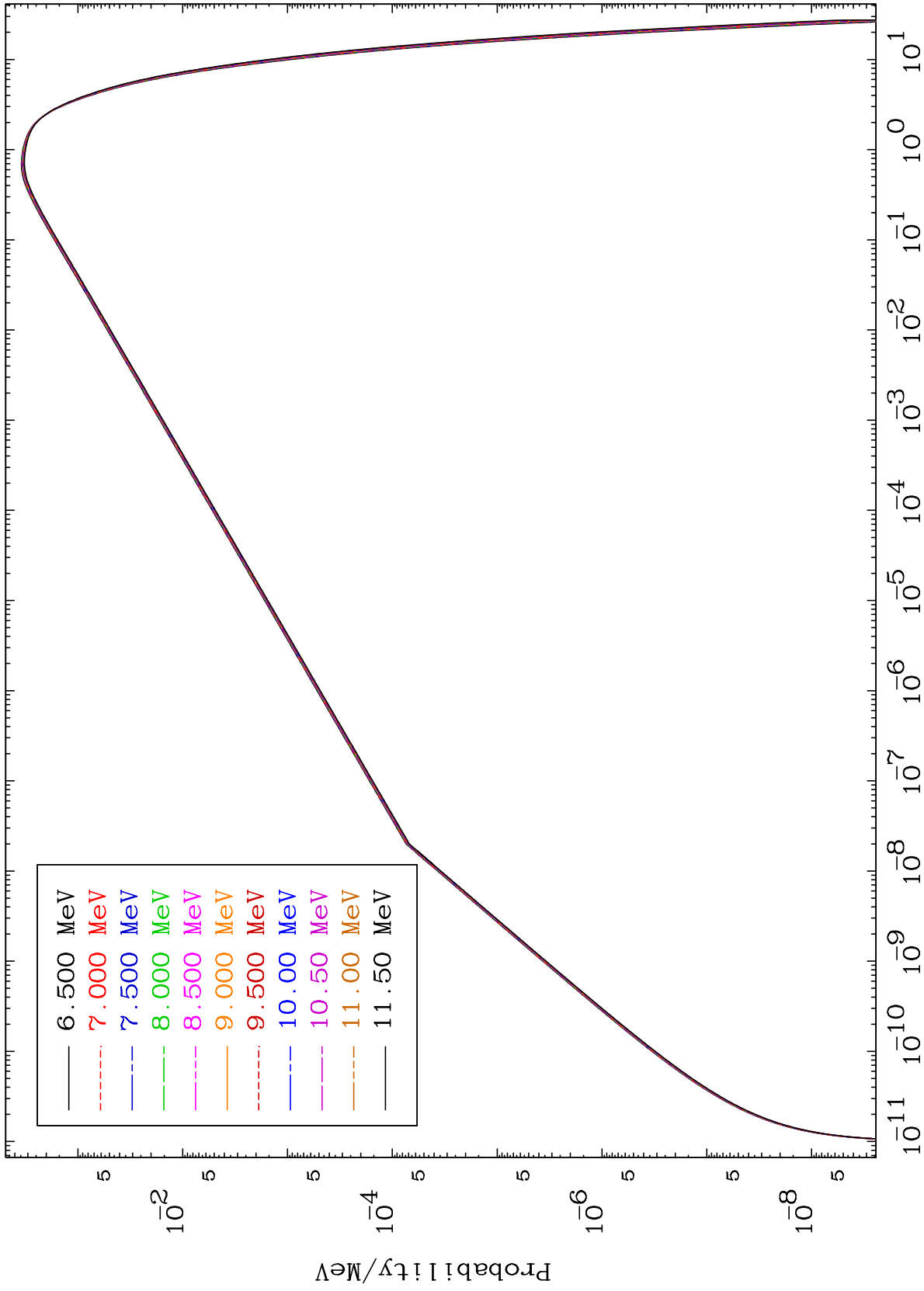


95-Am-237

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Fission Energy Distribution

95-Am-237

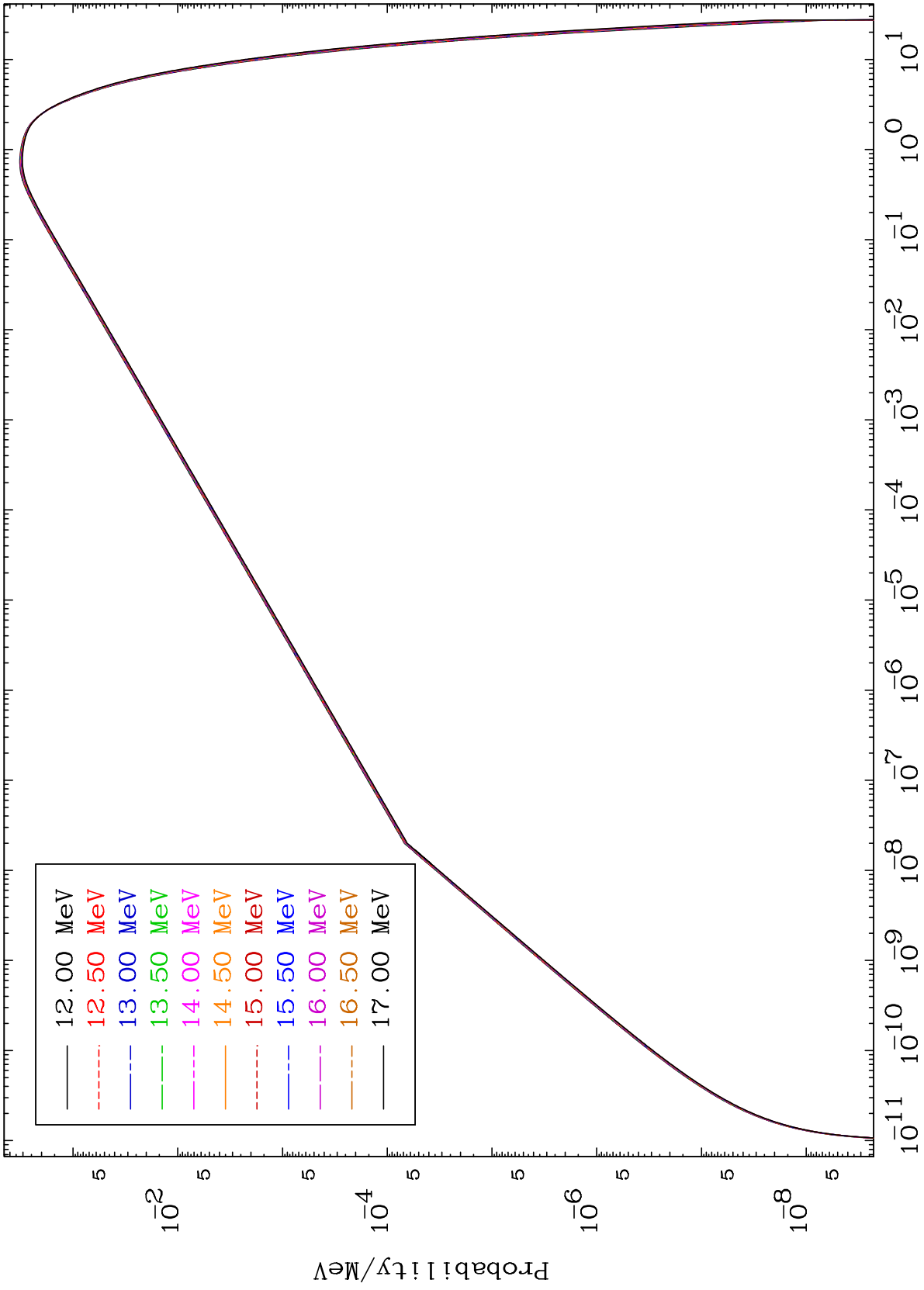


95-Am-237

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Fission Energy Distribution

95-Am-237



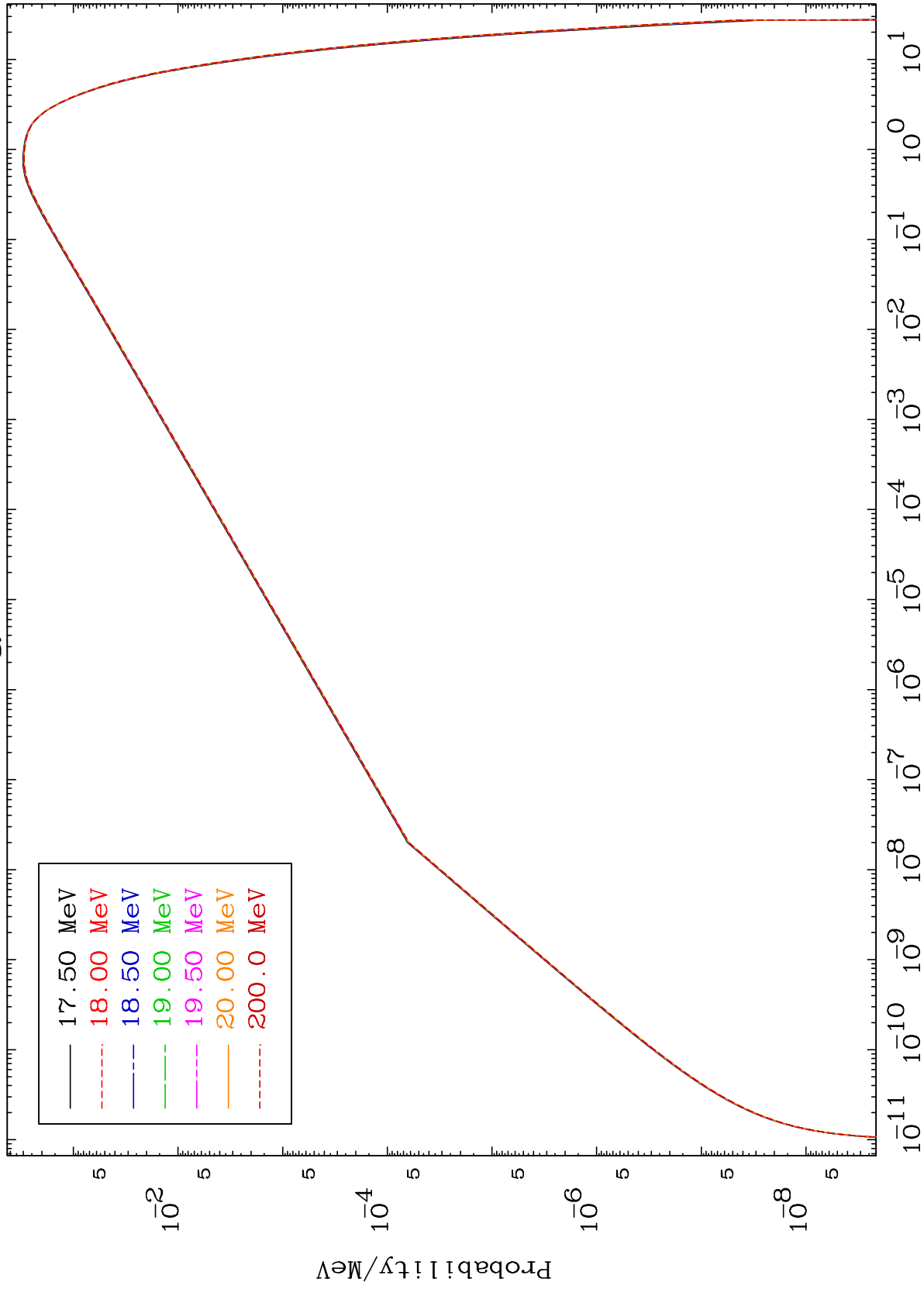
- 12.00 MeV
- 12.50 MeV
- 13.00 MeV
- 13.50 MeV
- 14.00 MeV
- 14.50 MeV
- 15.00 MeV
- 15.50 MeV
- 16.00 MeV
- 16.50 MeV
- 17.00 MeV

95-Am-237

MAT 9531

Fission Energy Distribution

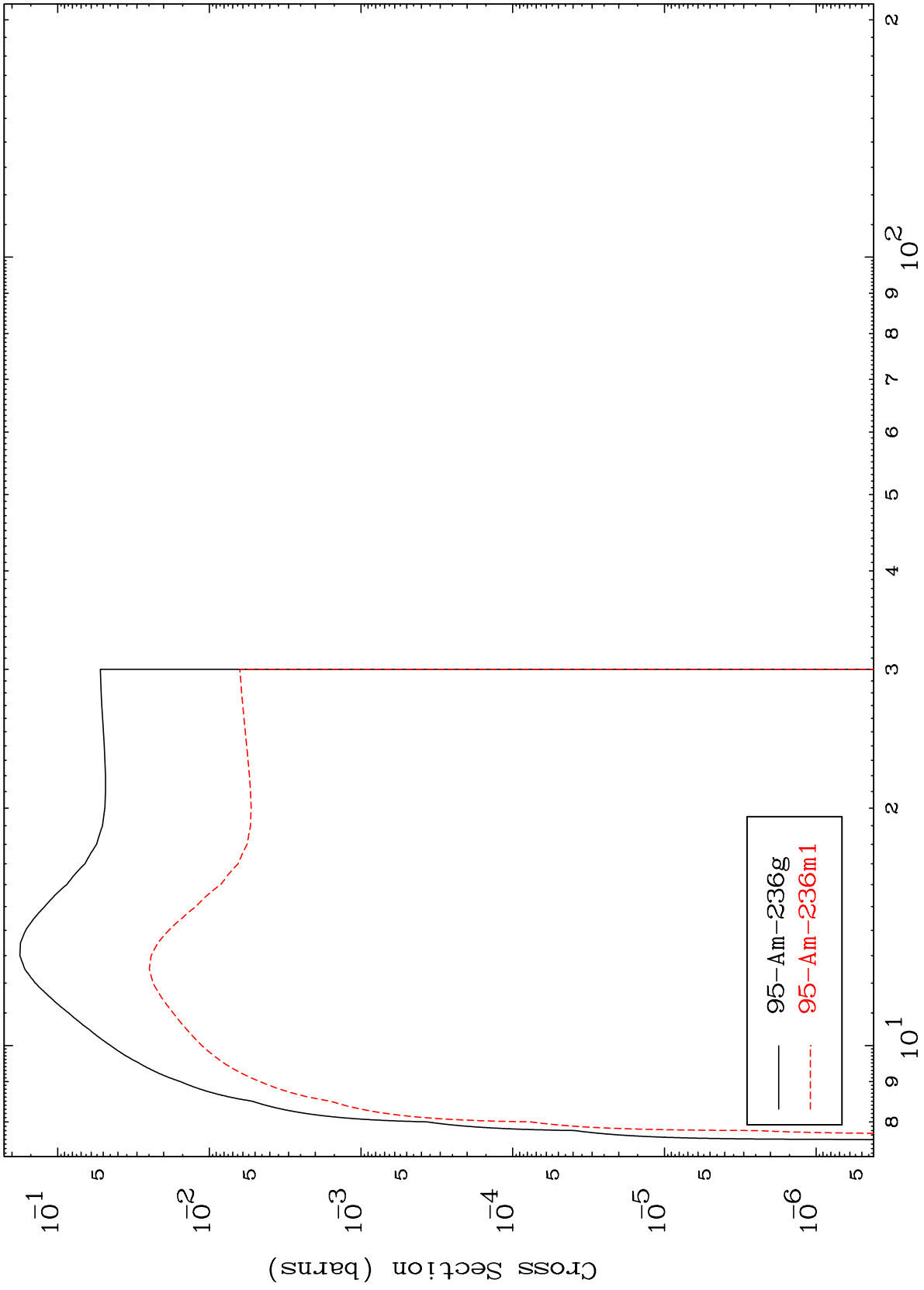
95-Am-237



MAT 9531

95-Am-237

(n,2n)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

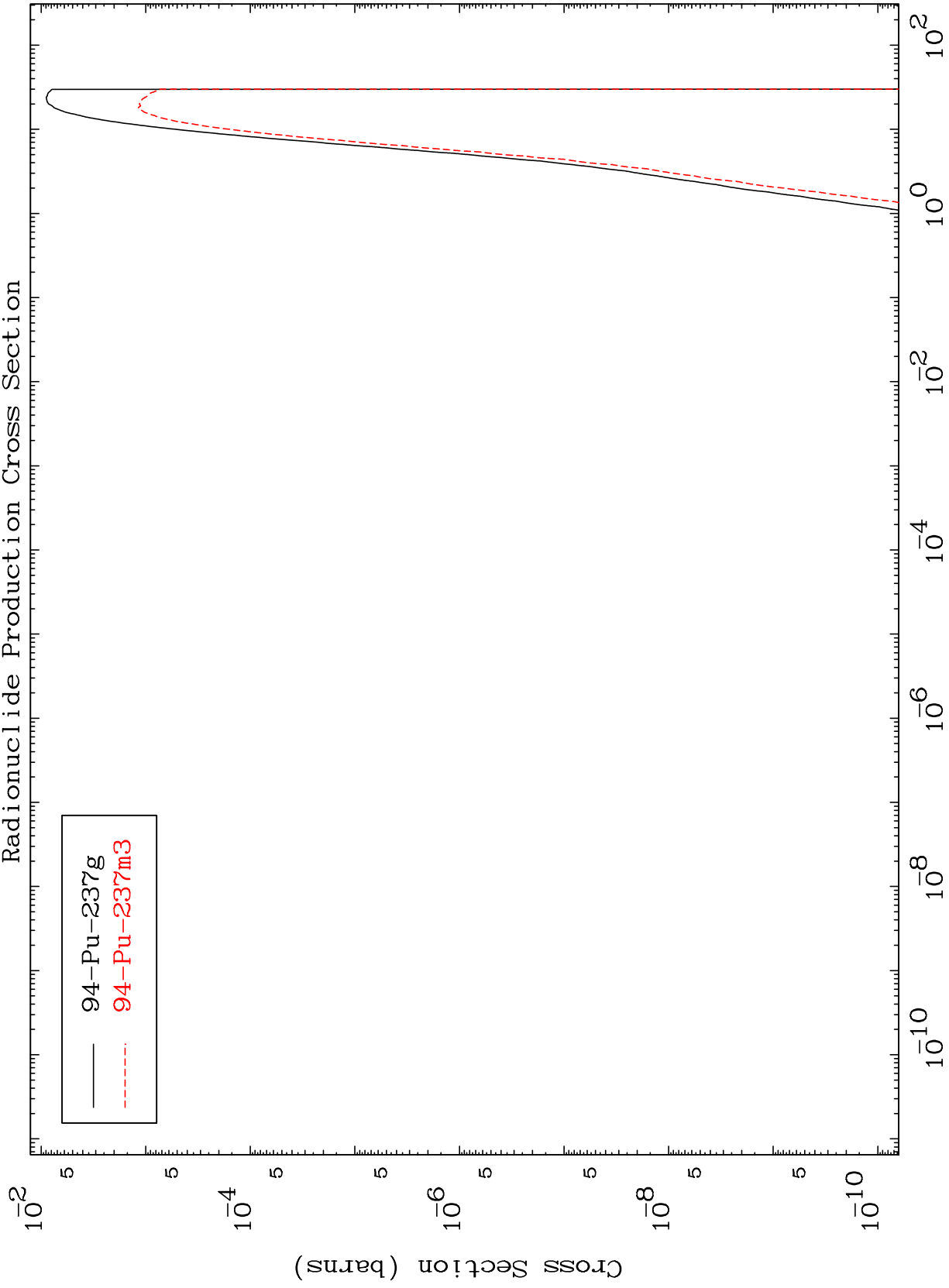
95-Am-237

MAT 9531

(n,p)

95-Am-237

Radionuclide Production Cross Section

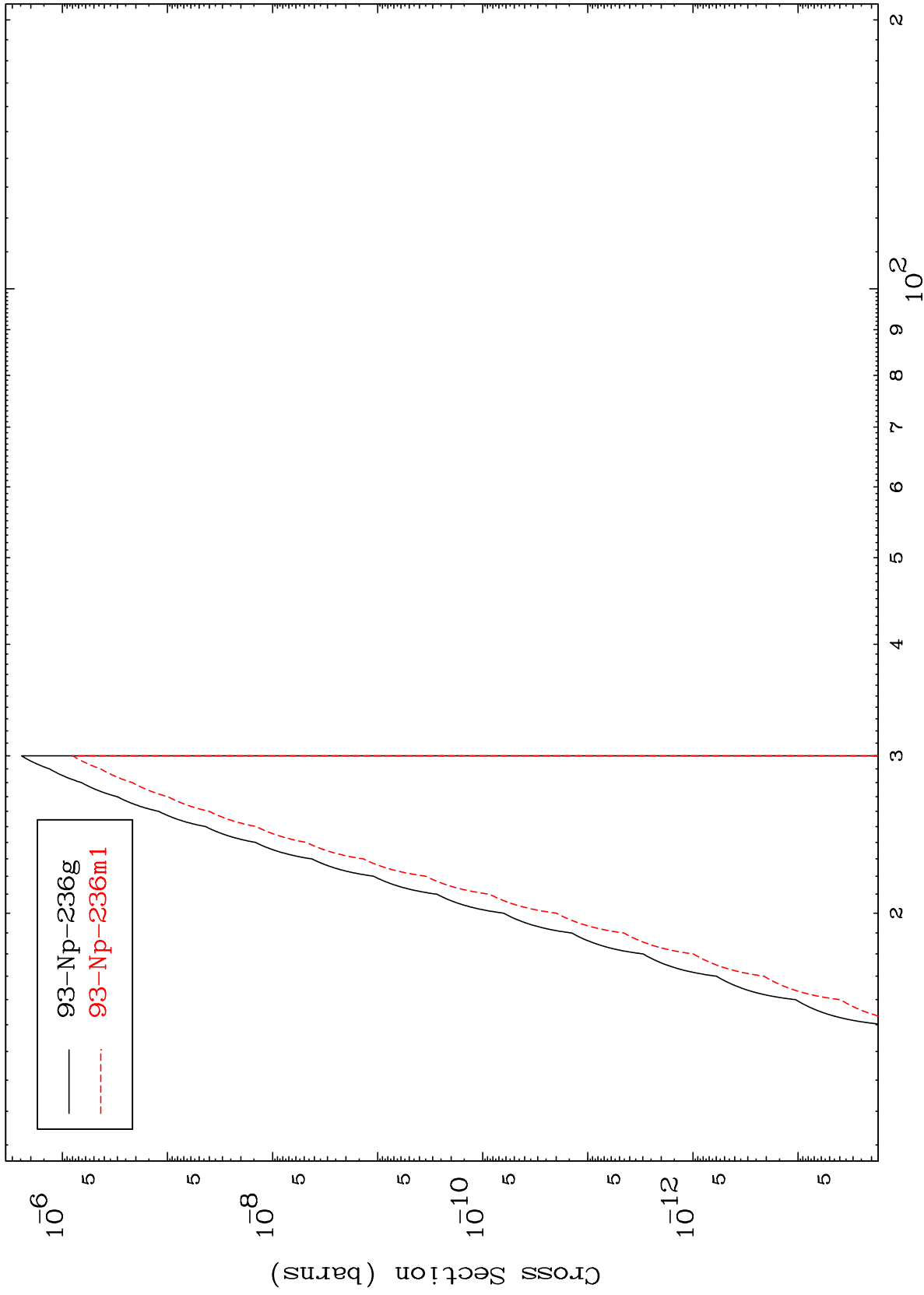


94-Pu-237g
94-Pu-237m3

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95-Am-237

(n,2p)
Radionuclide Production Cross Section



27

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