

Program EVALPLOT
(Version 2018-1)

by

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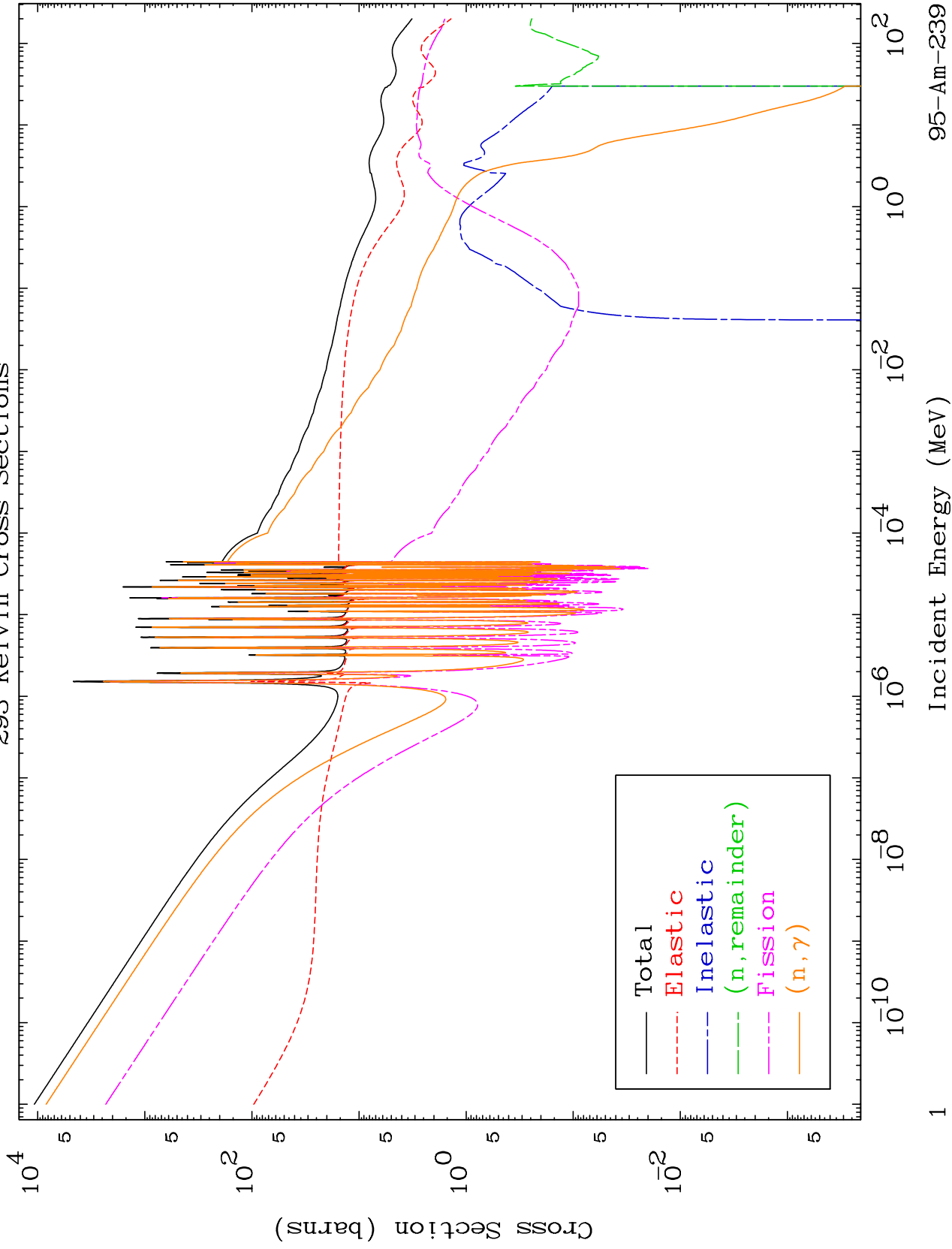
Press Mouse Button to Start

MAT 9537

Major

293 Kelvin Cross Sections

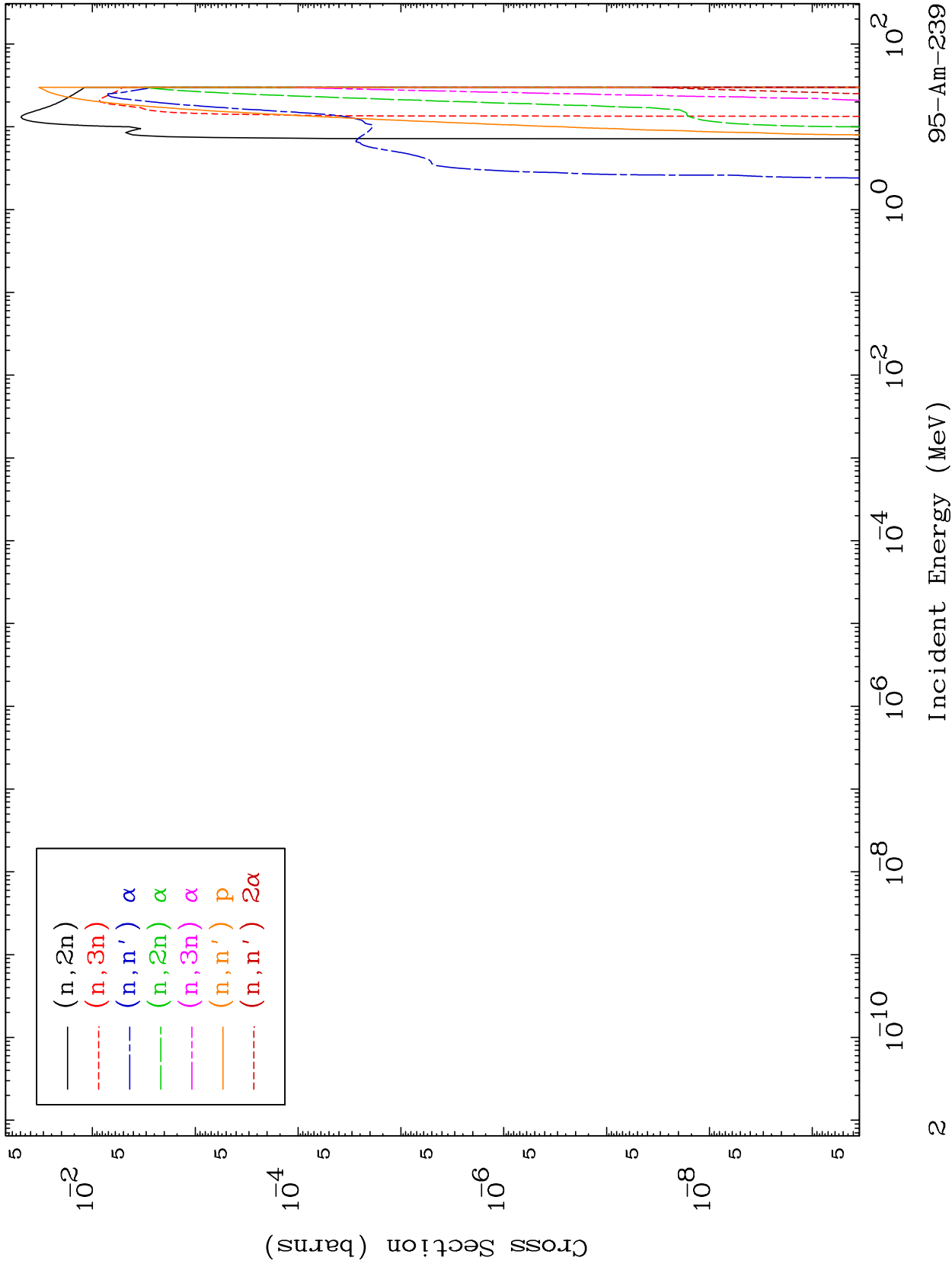
95-Am-239



MAT 9537

Neutron Production
293 Kelvin Cross Sections

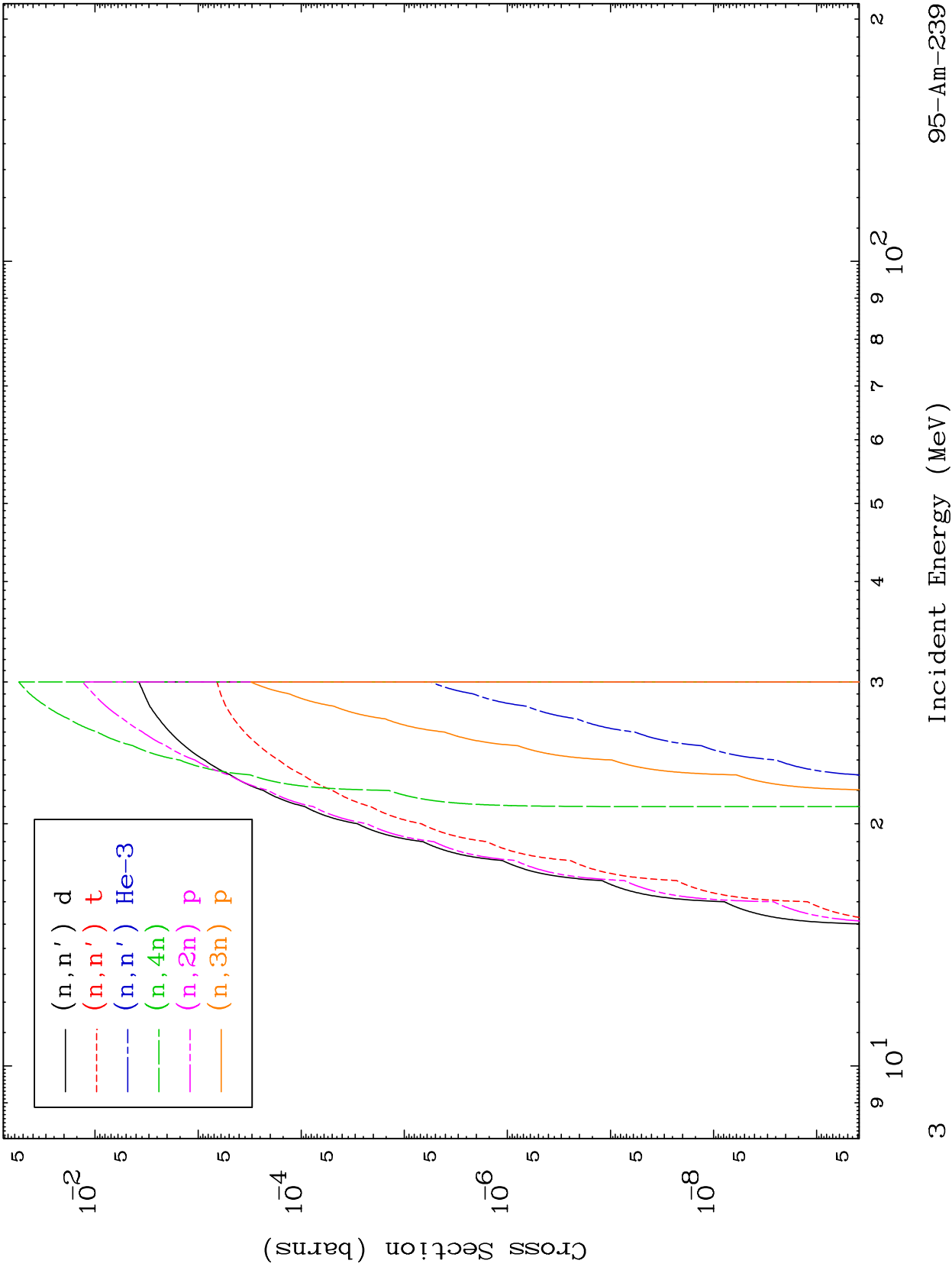
95-Am-239



MAT 9537

Neutron Production
293 Kelvin Cross Sections

95-Am-239



95-Am-239

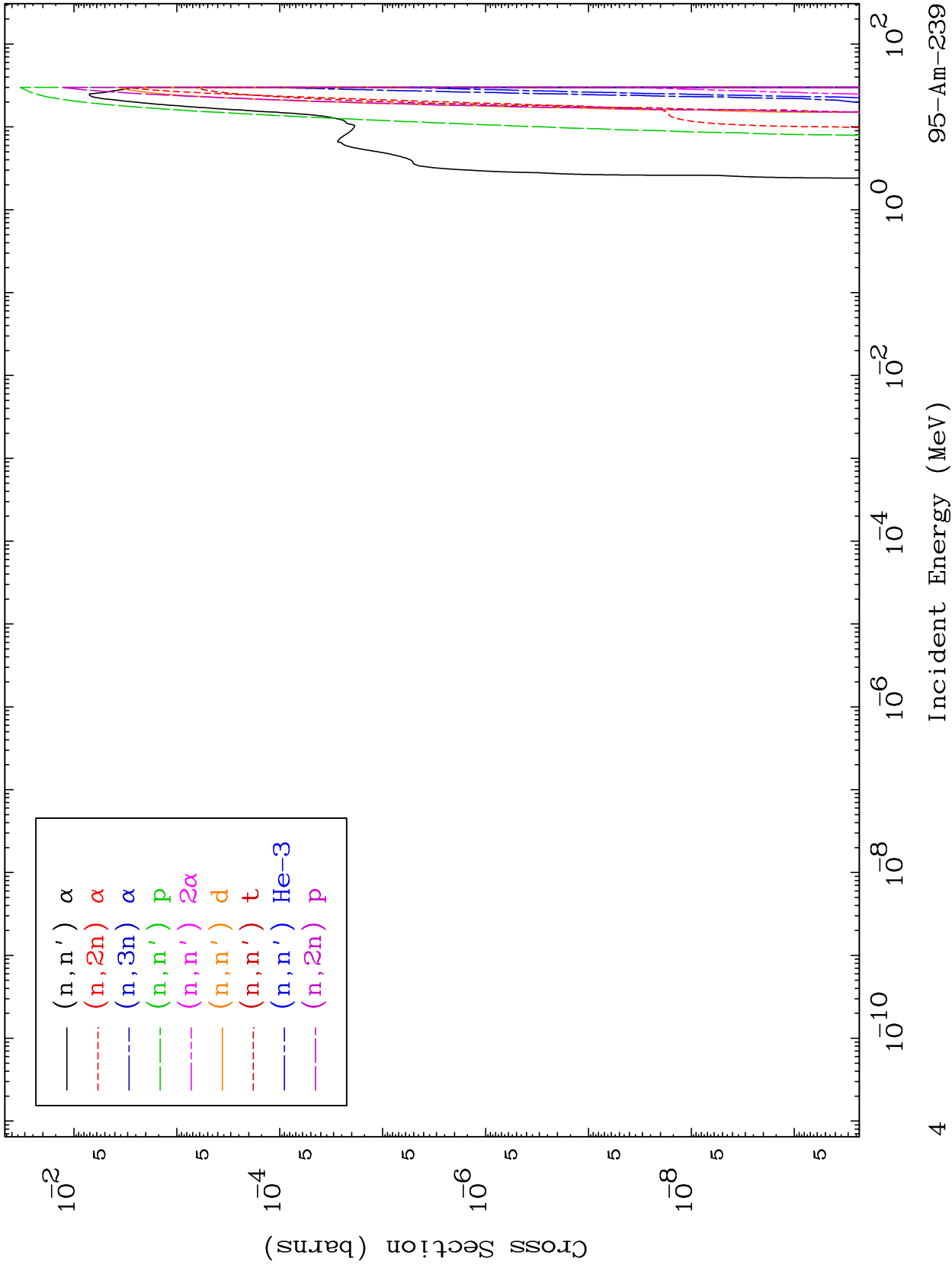
Incident Energy (MeV)

3

MAT 9537

Charged Particle
293 Kelvin Cross Sections

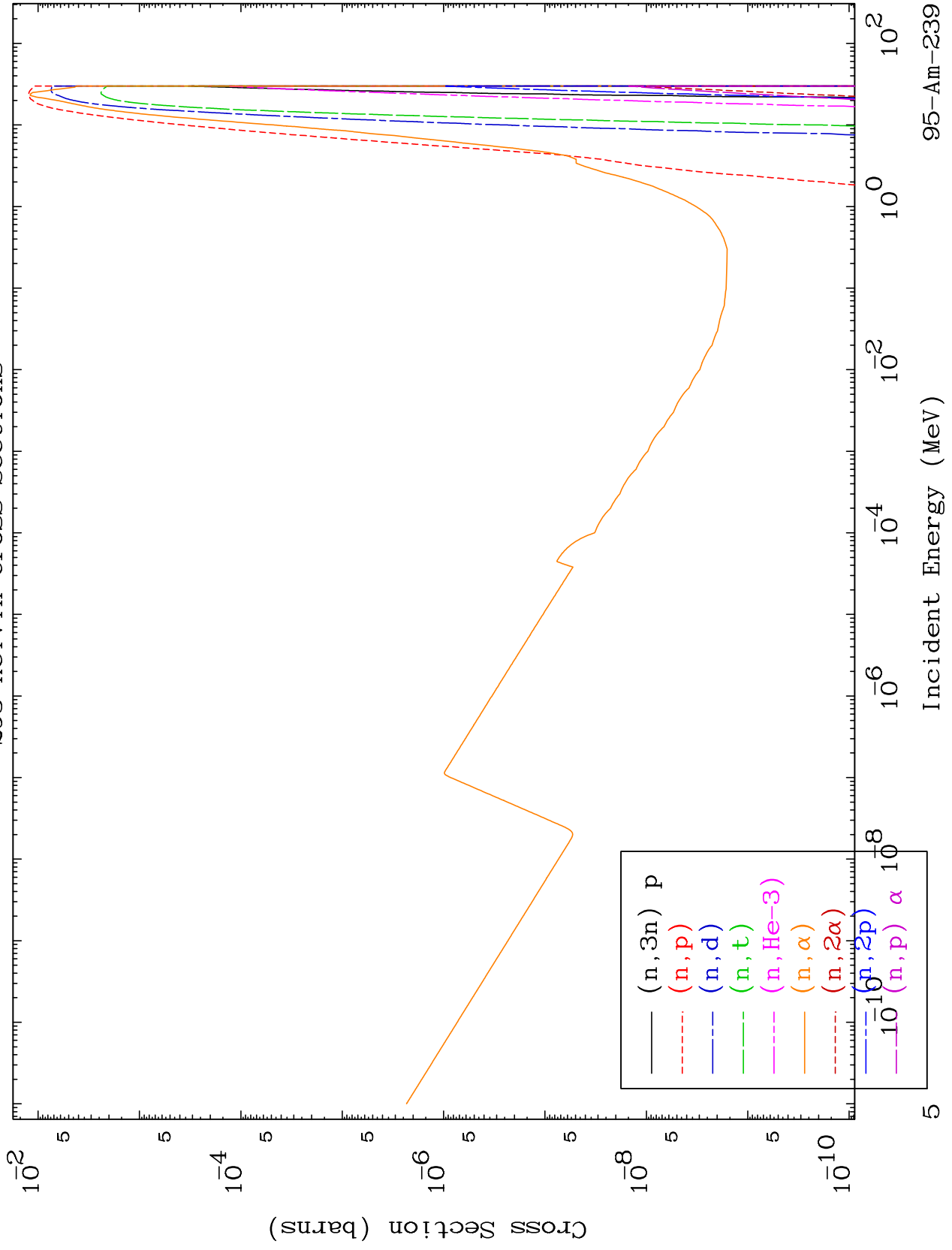
95-Am-239



MAT 9537

Charged Particle
293 Kelvin Cross Sections

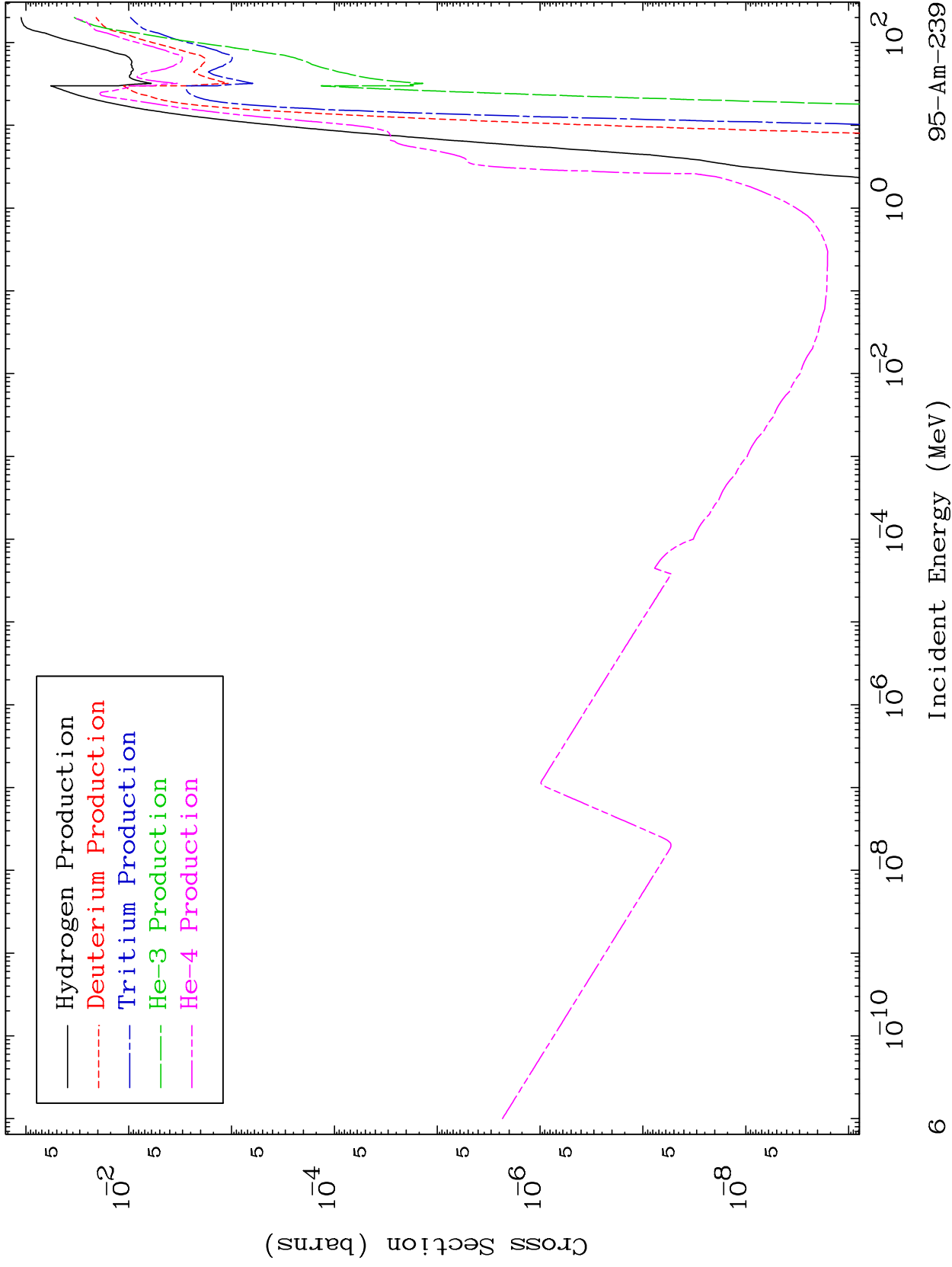
95-Am-239



MAT 9537

Particle Production
293 Kelvin Cross Sections

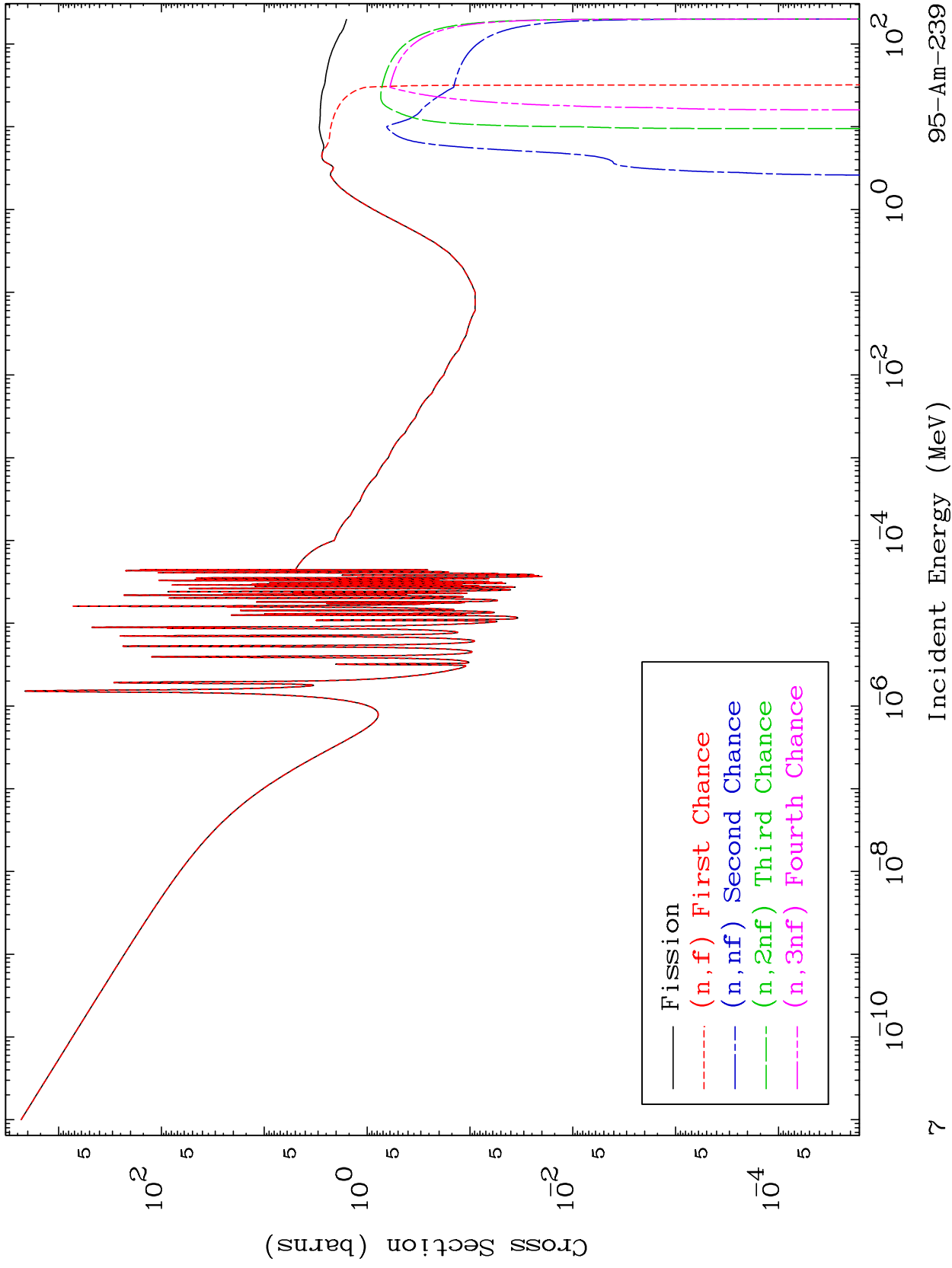
95-Am-239



MAT 9537

Fission
293 Kelvin Cross Sections

95-Am-239

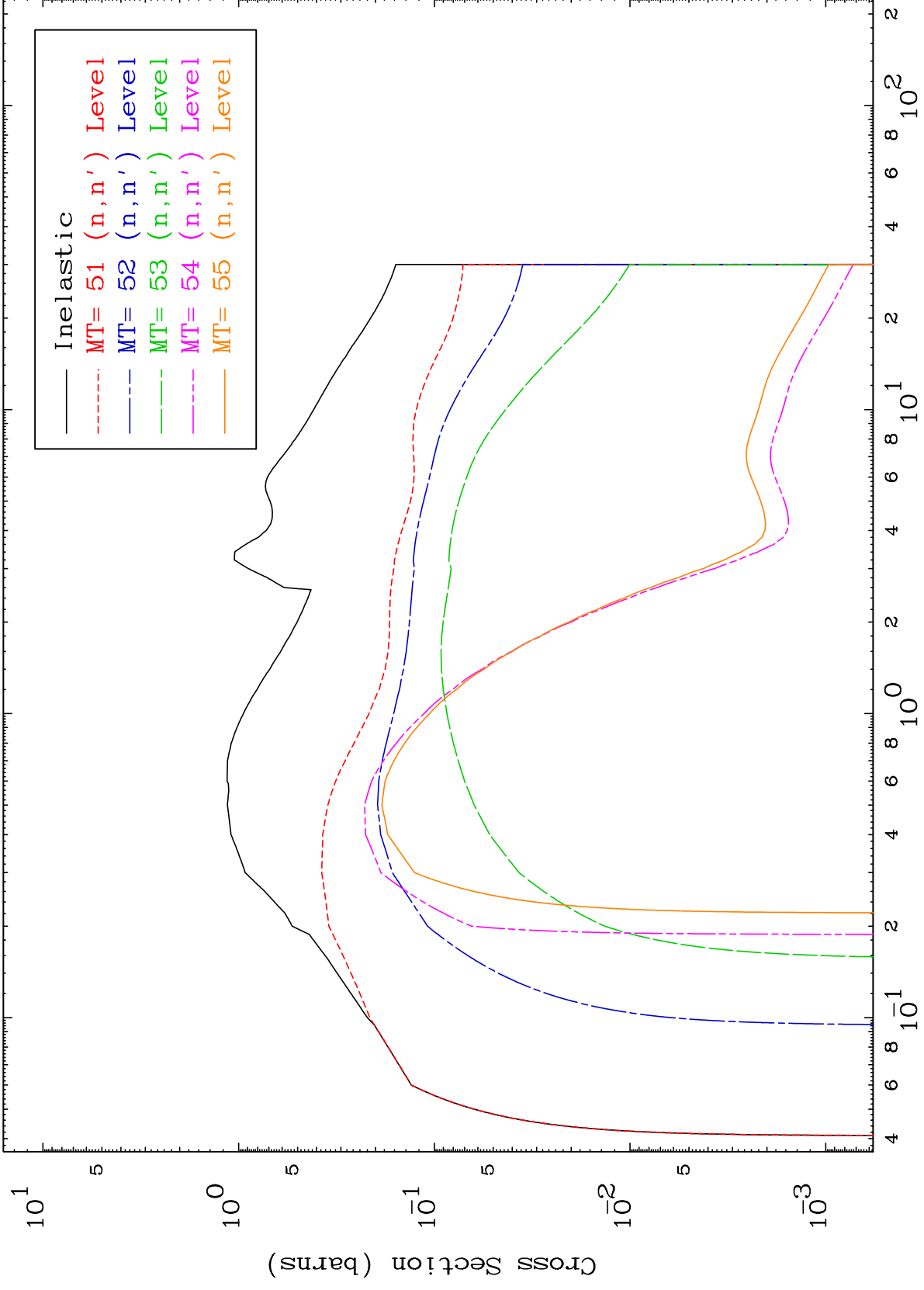


MAT 9537

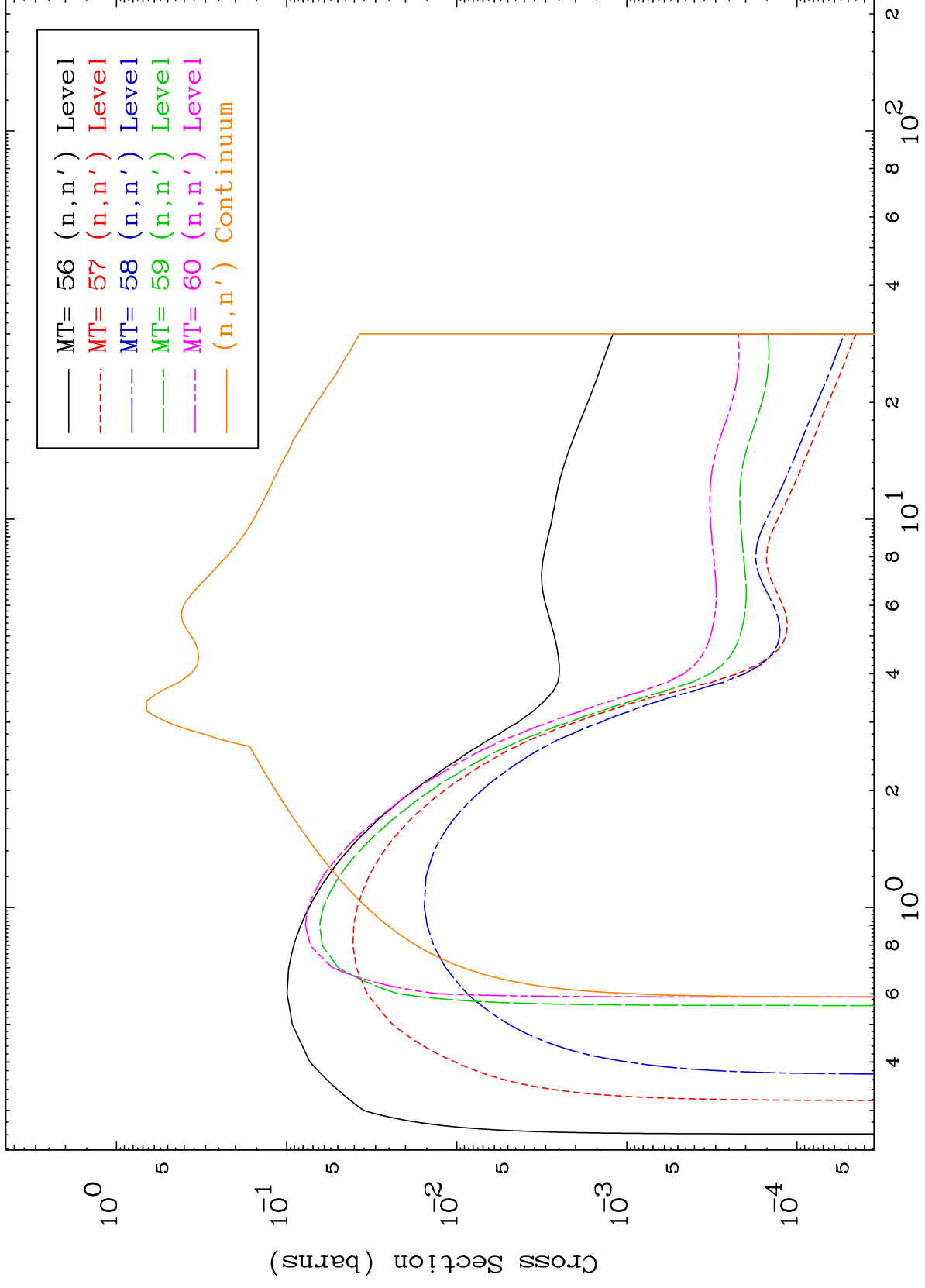
(n,n') Level

95-Am-239

293 Kelvin Cross Sections



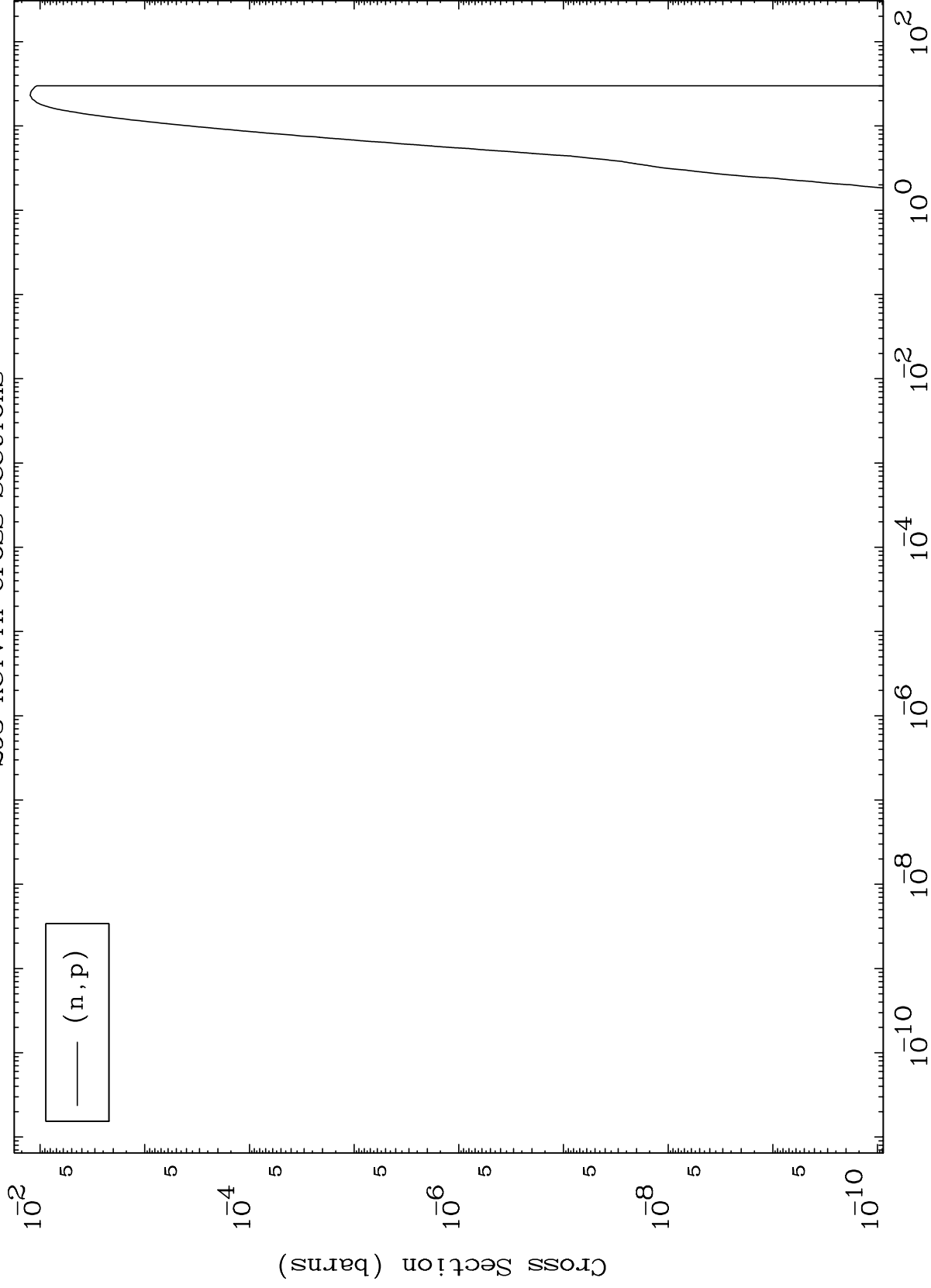
293 Kelvin Cross Sections



MAT 9537

(n,p) Levels
293 Kelvin Cross Sections

95-Am-239



10

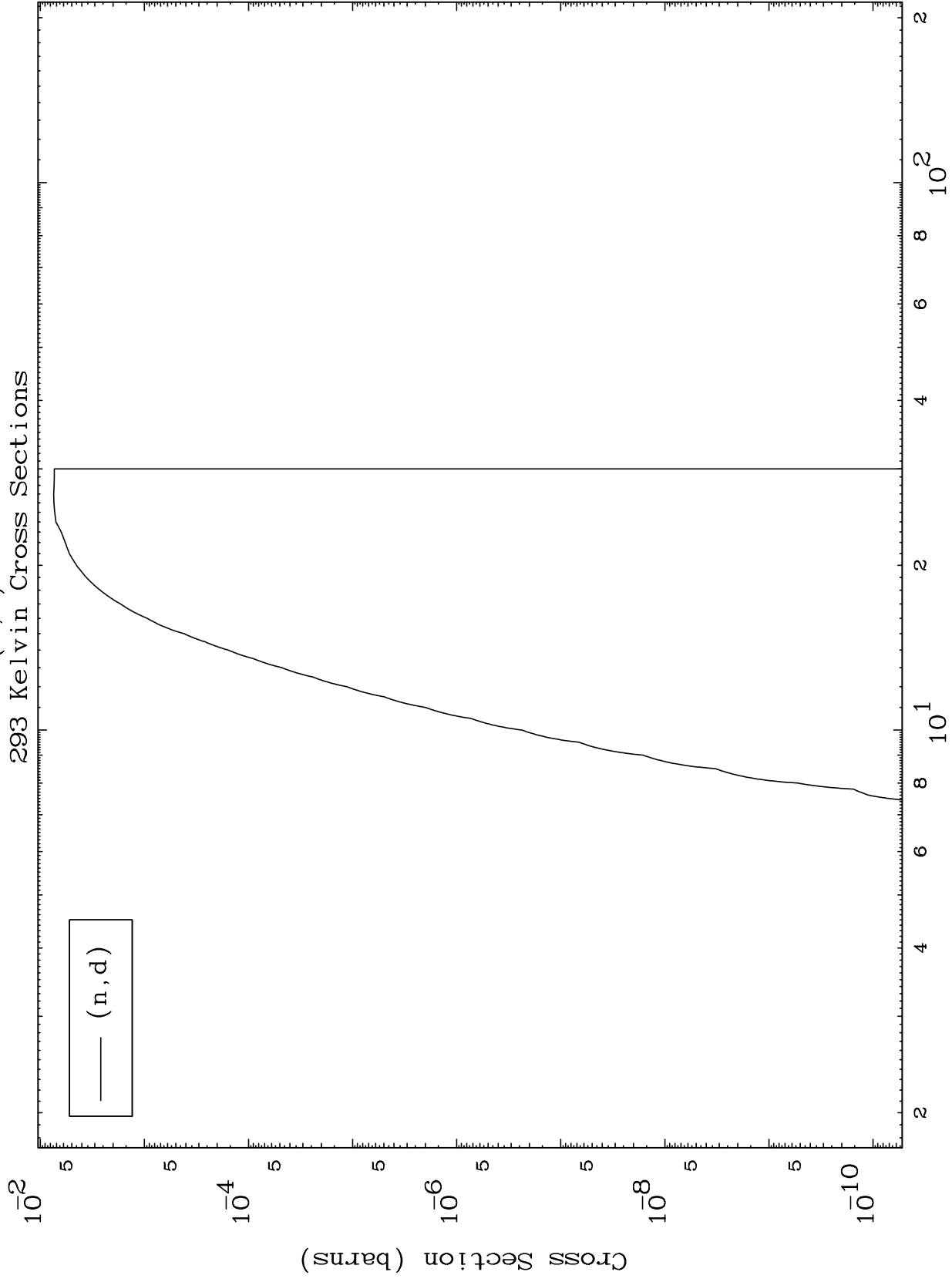
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,d) Levels
293 Kelvin Cross Sections

95-Am-239



11

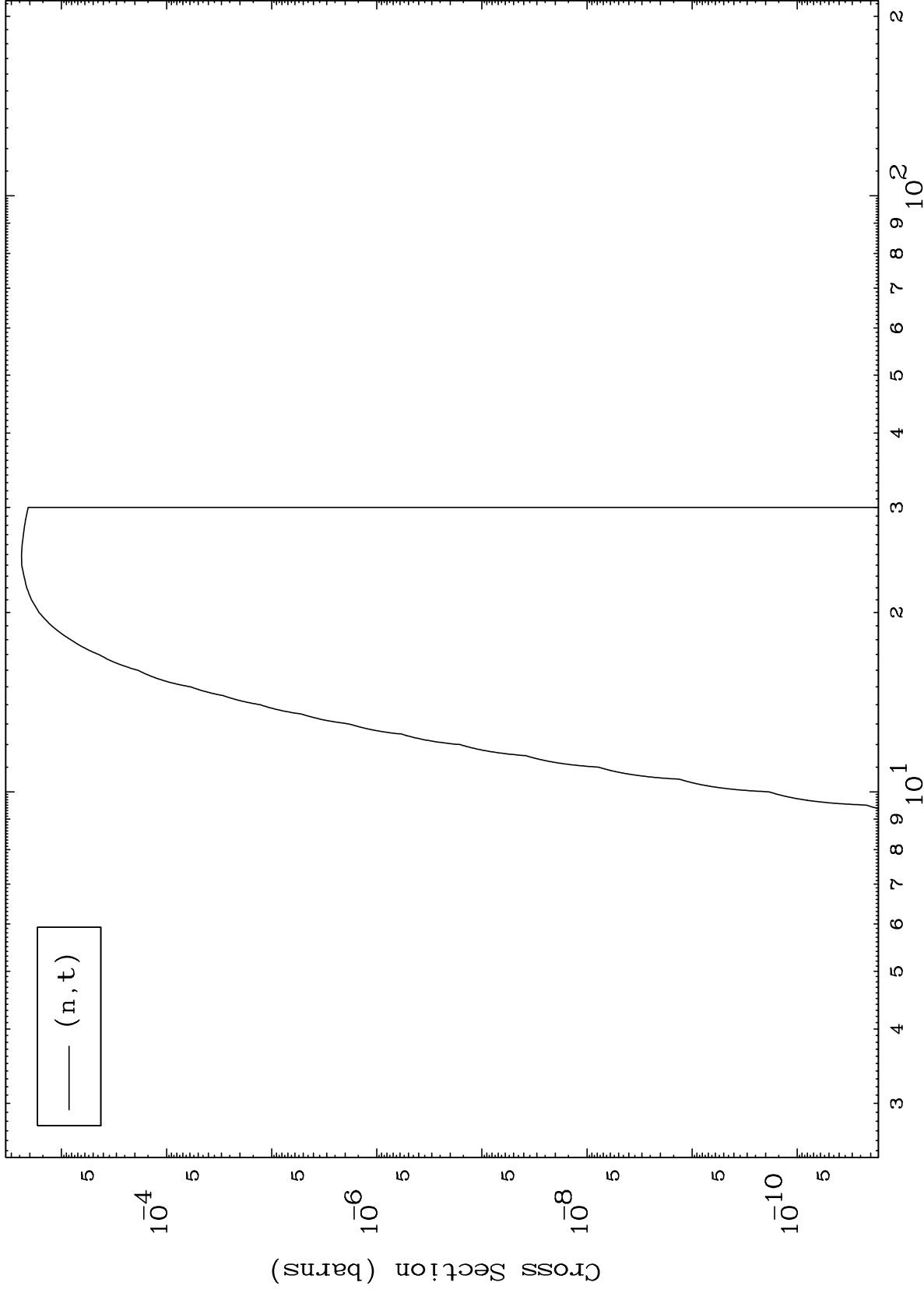
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,t) Levels
293 Kelvin Cross Sections

95-Am-239



12

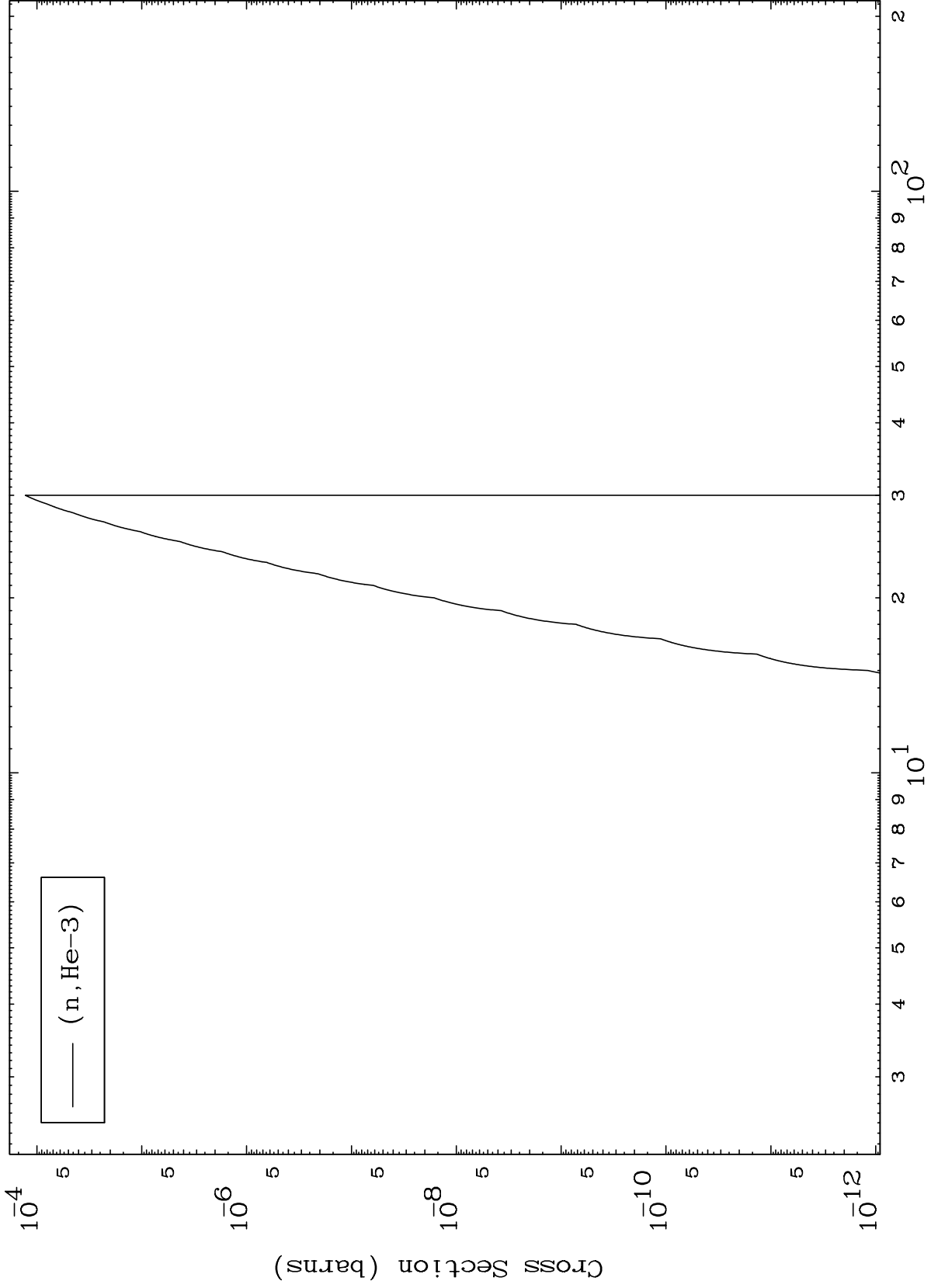
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-239



13

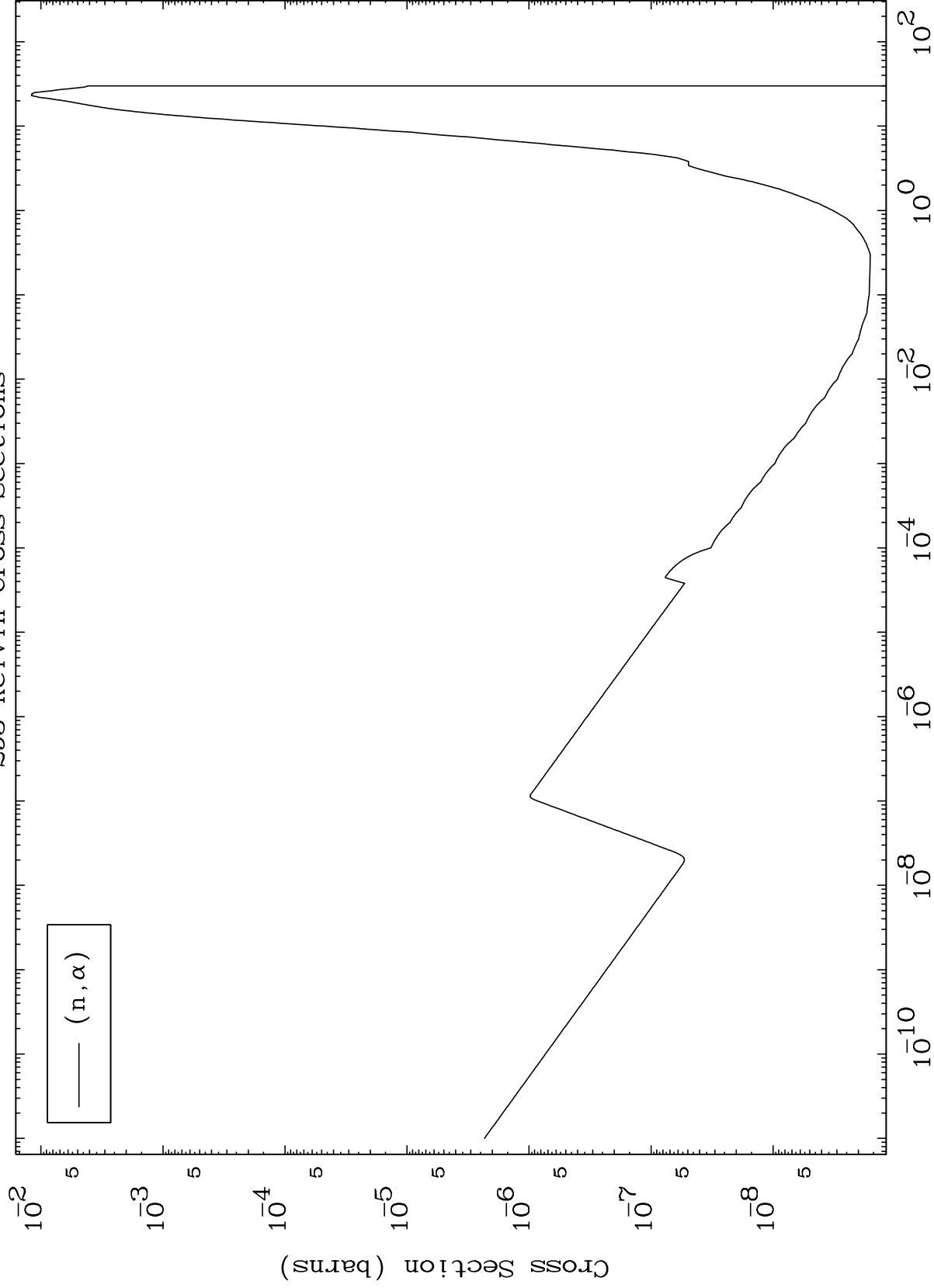
Incident Energy (MeV)

95-Am-239

MAT 9537

(n, α) Levels
293 Kelvin Cross Sections

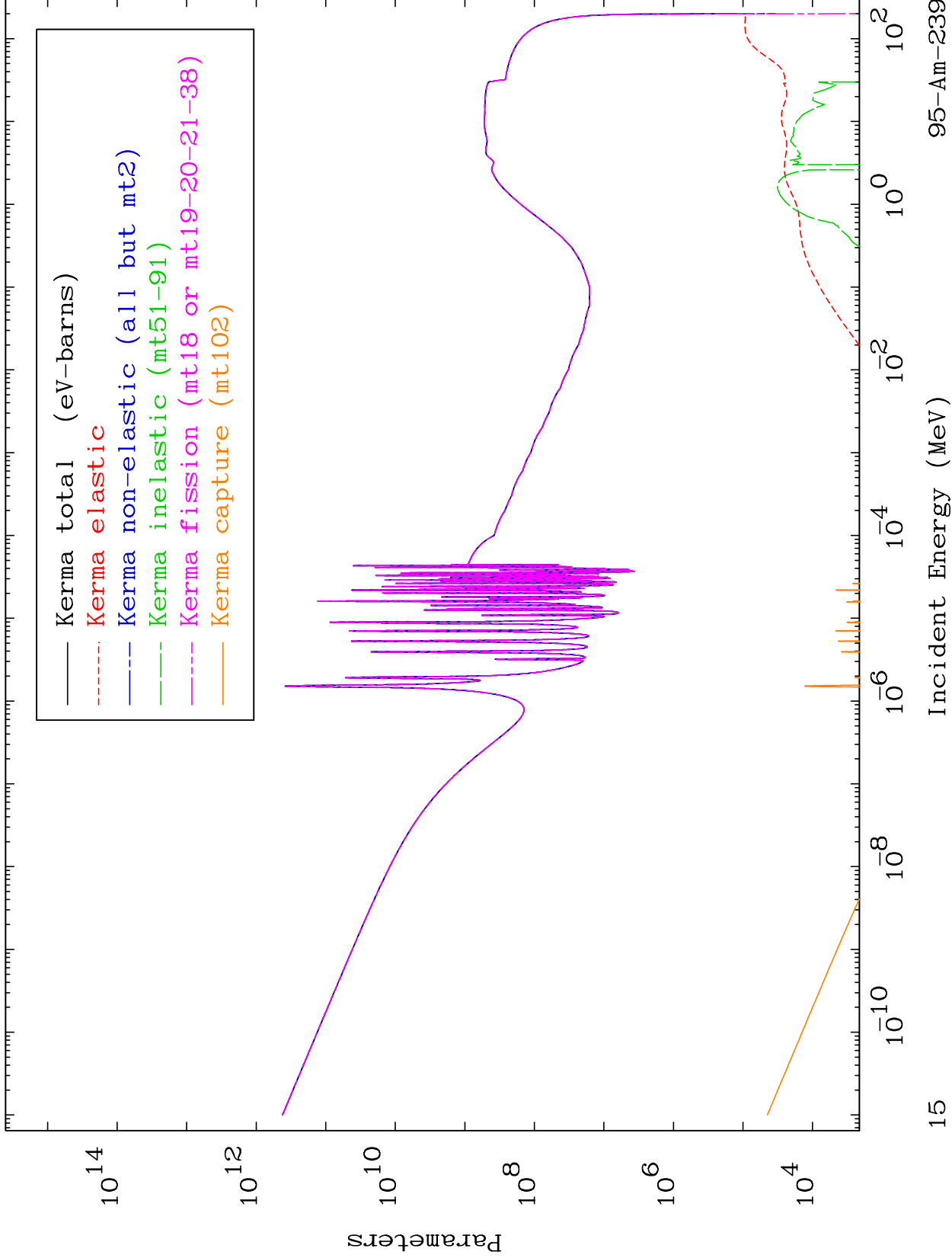
95-Am-239

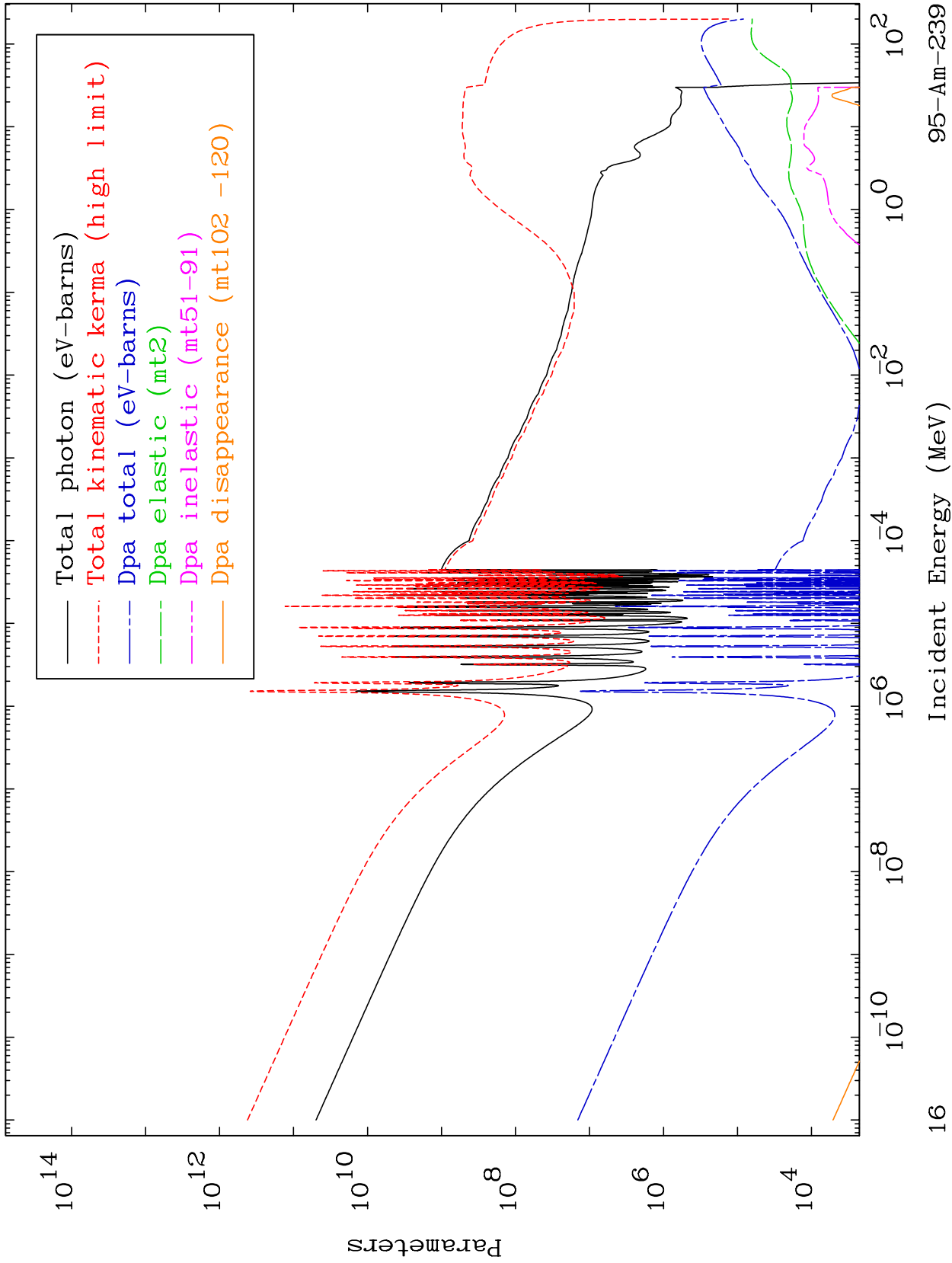


14

Incident Energy (MeV)

95-Am-239

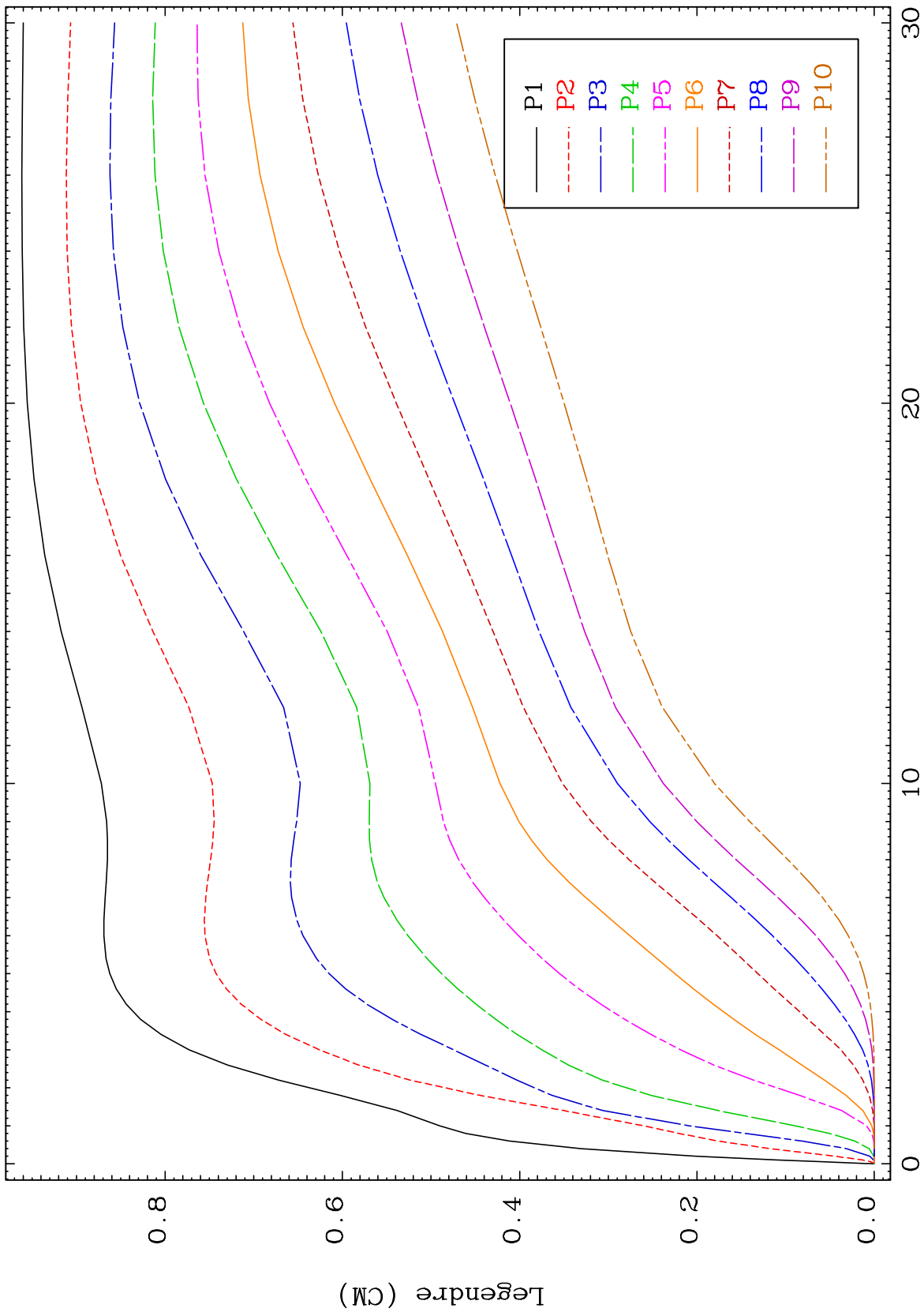




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95-Am-239

Elastic Legendre Coefficients



17

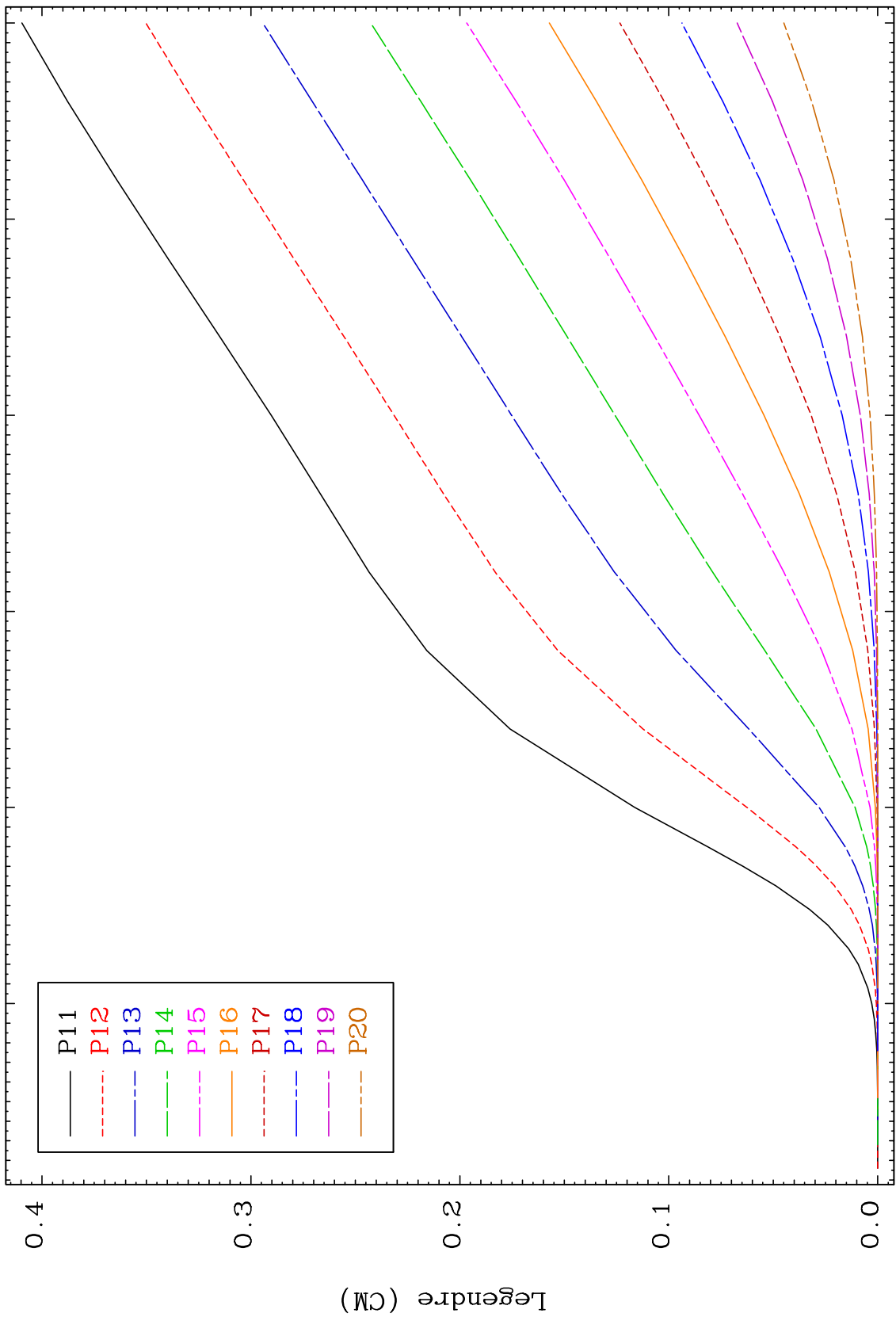
Incident Energy (MeV)

95-Am-239

MAT 9537

Elastic Legendre Coefficients

95-Am-239

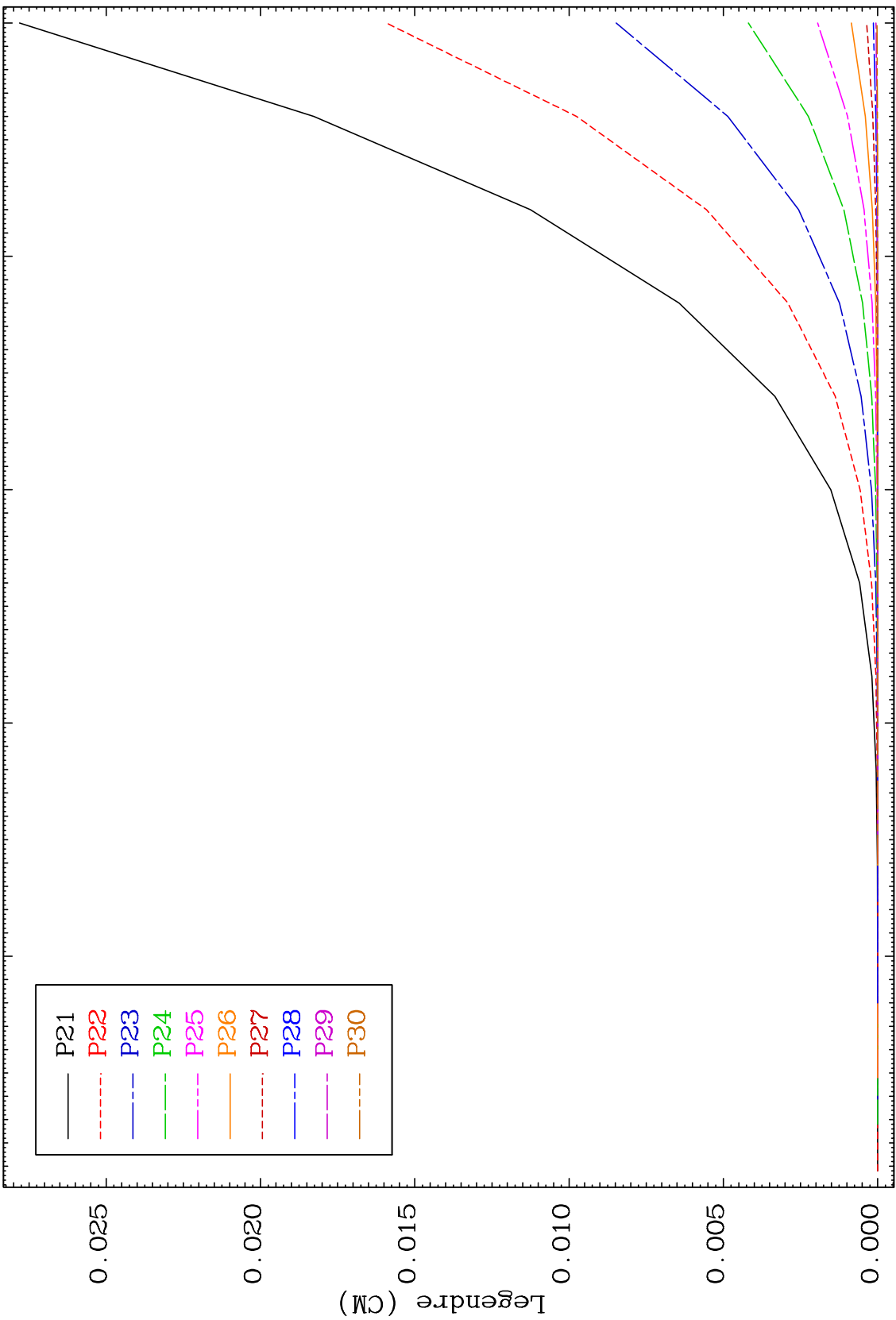


18

Incident Energy (MeV)

95-Am-239

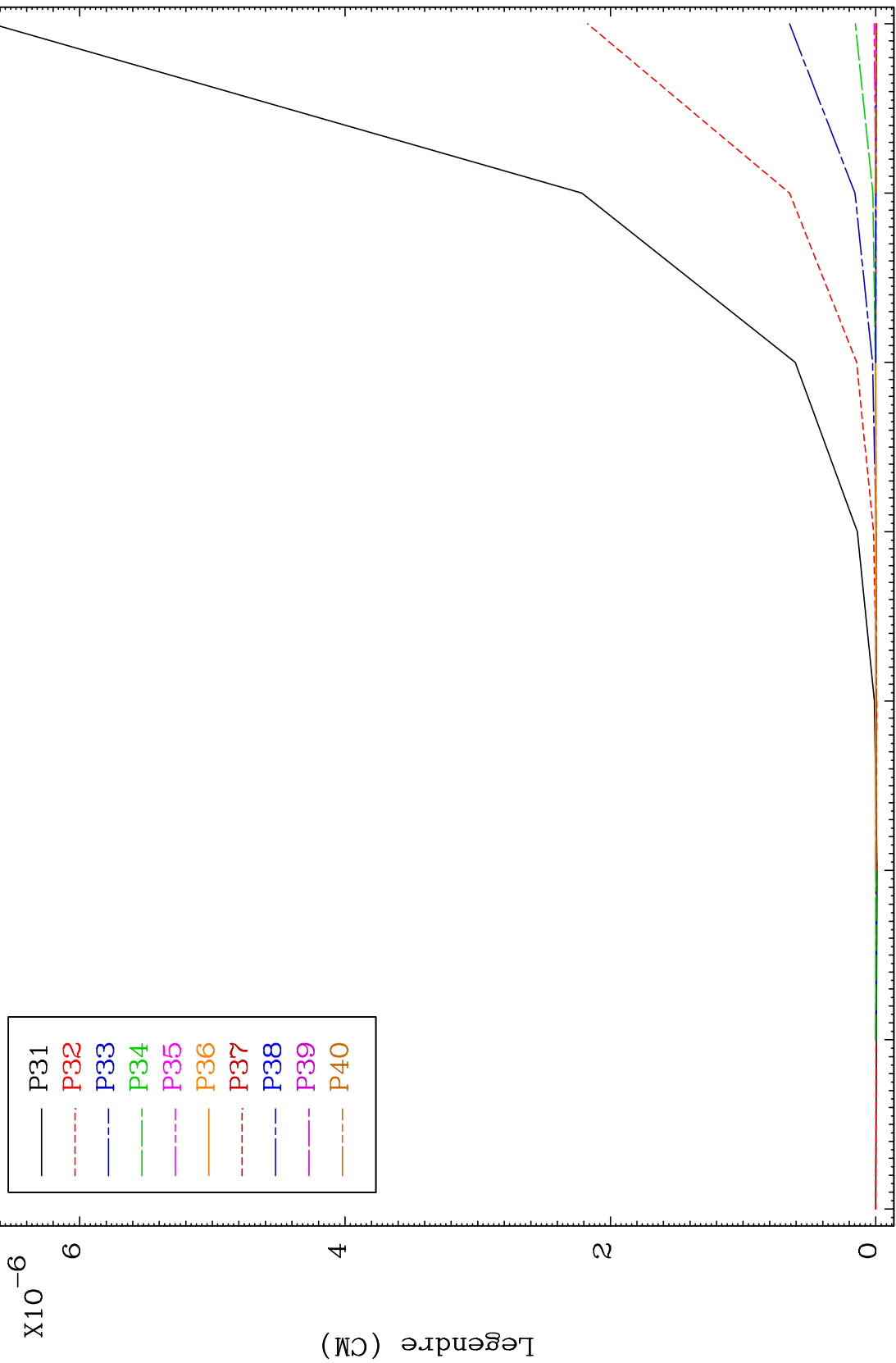
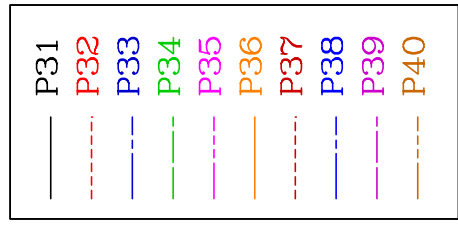
Elastic Legendre Coefficients



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Elastic Legendre Coefficients

95-Am-239



20

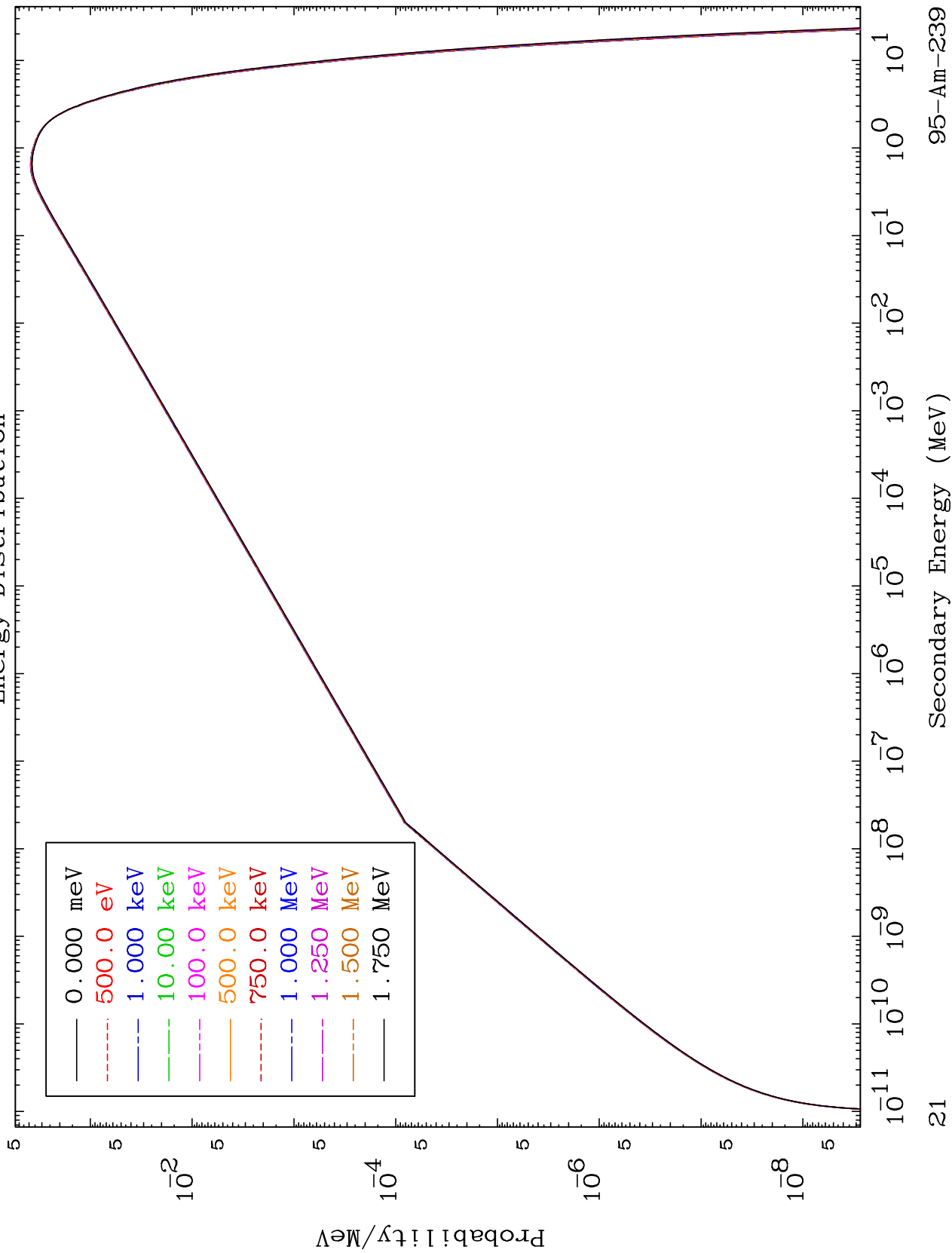
Incident Energy (MeV)

95-Am-239

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Fission Energy Distribution

95-Am-239



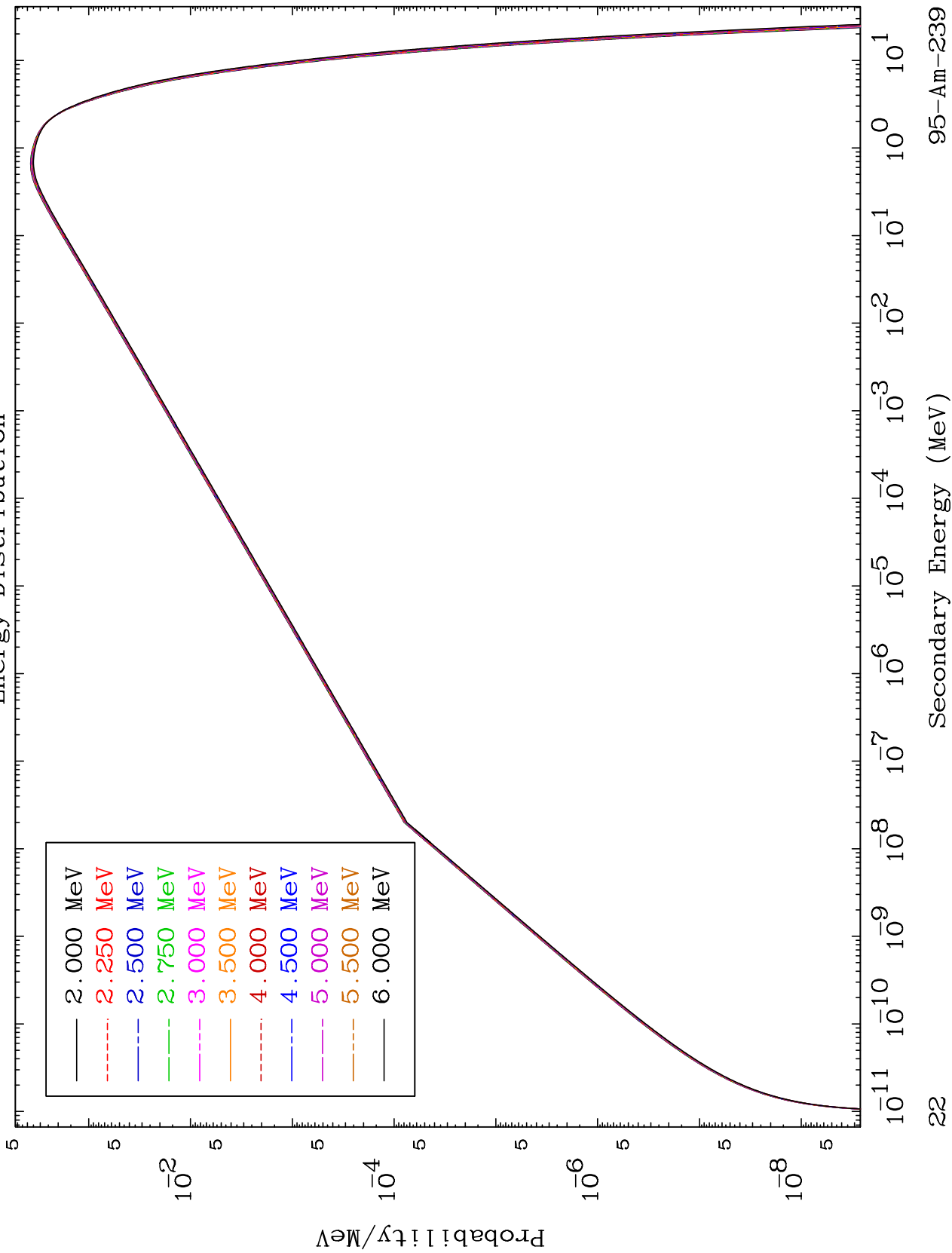
95-Am-239

Secondary Energy (MeV)

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Fission Energy Distribution

95-Am-239



95-Am-239

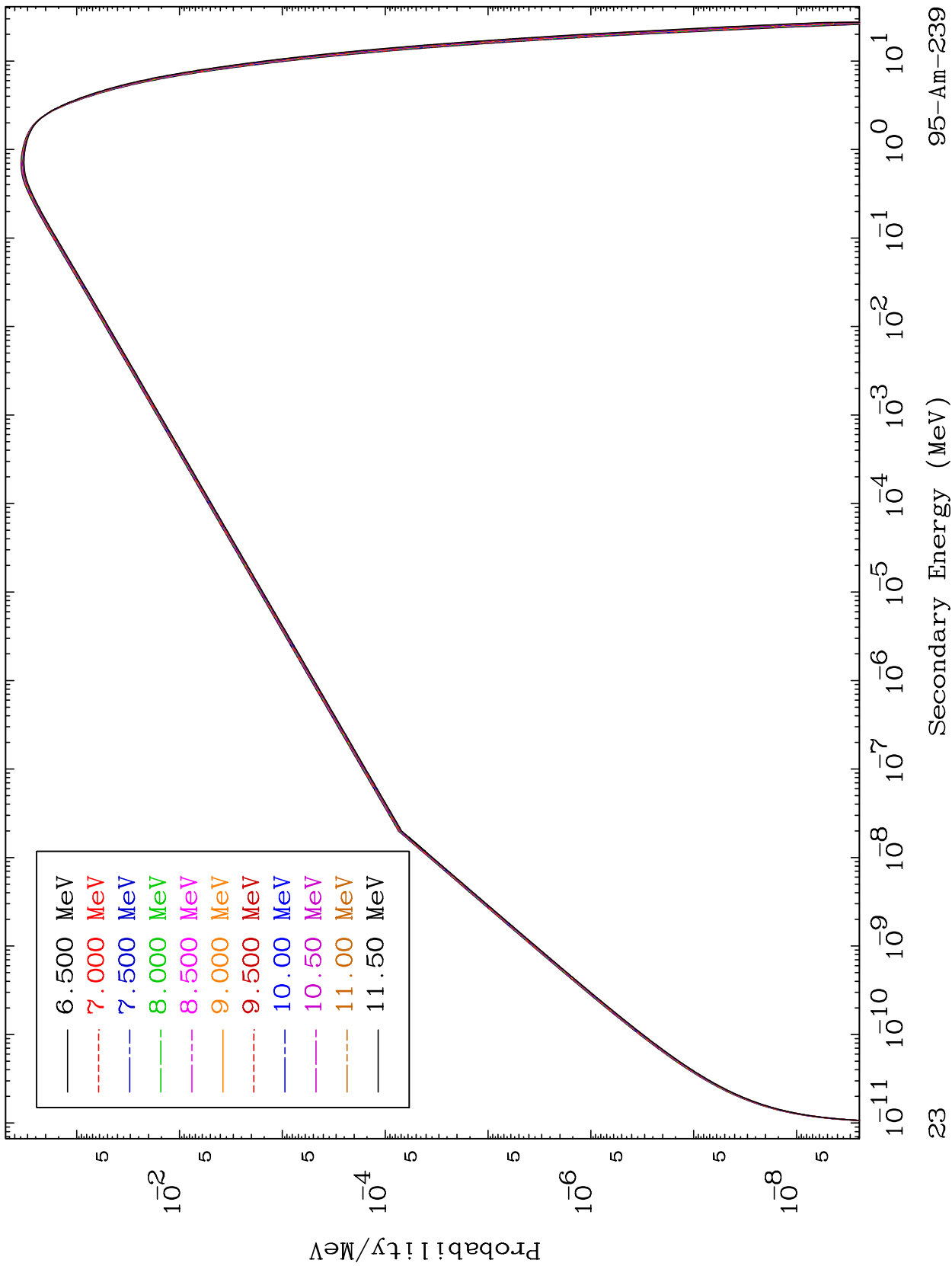
Secondary Energy (MeV)

22

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Fission Energy Distribution

95-Am-239



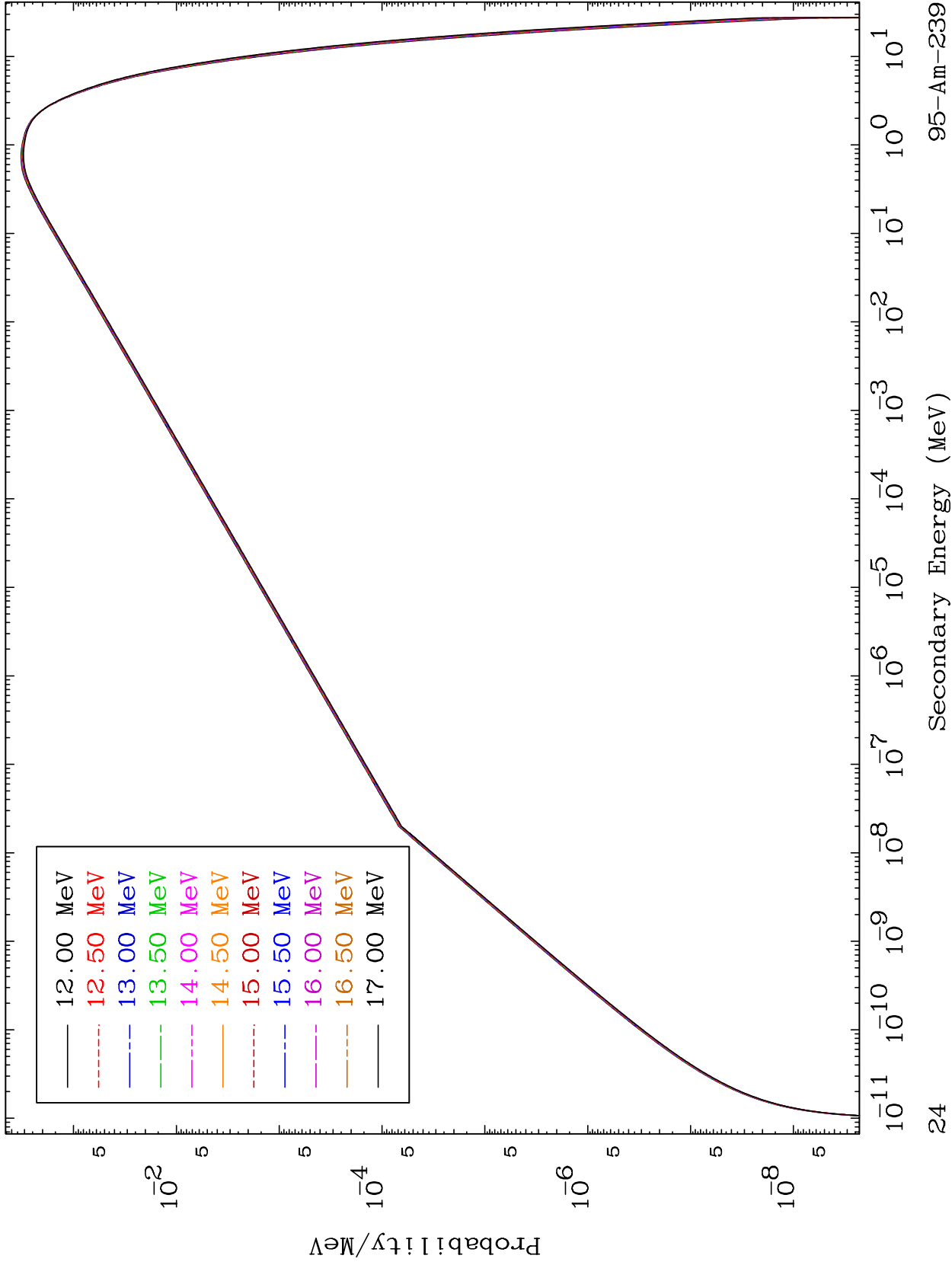
95-Am-239

Secondary Energy (MeV)

MAT 9537

Fission Energy Distribution

95-Am-239



95-Am-239

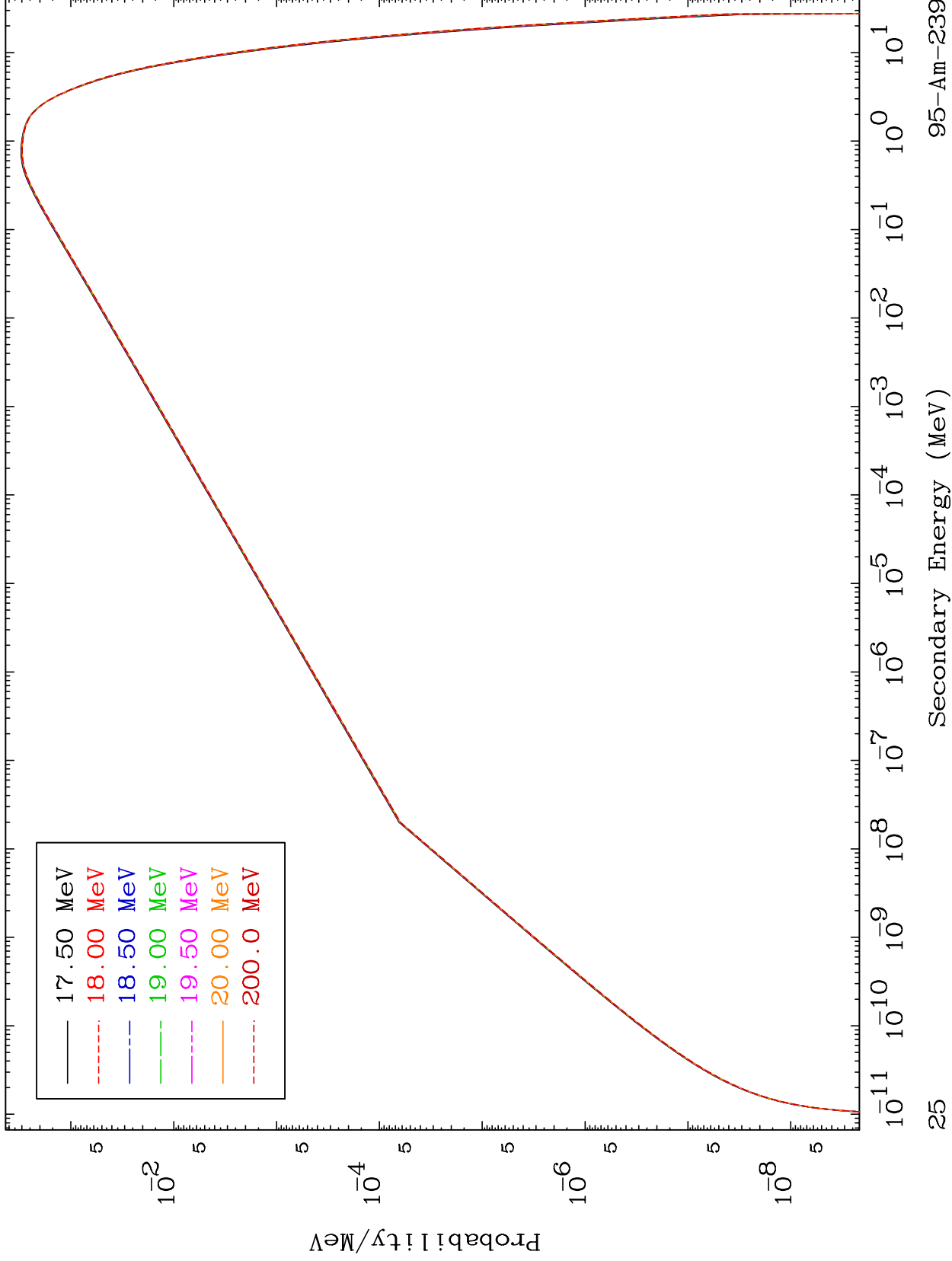
Secondary Energy (MeV)

24

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Fission Energy Distribution

95-Am-239

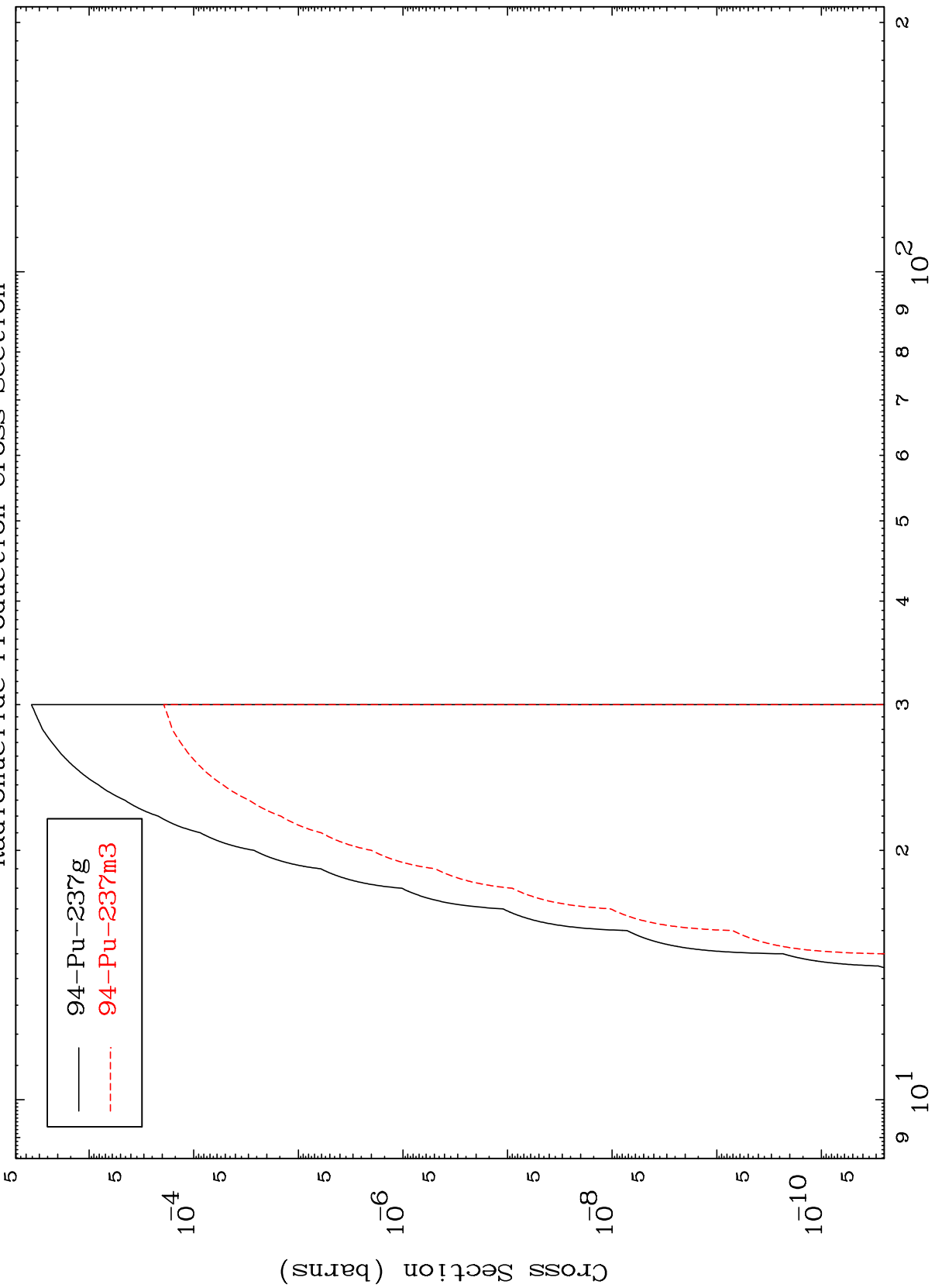


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(n,n') d

95-Am-239

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

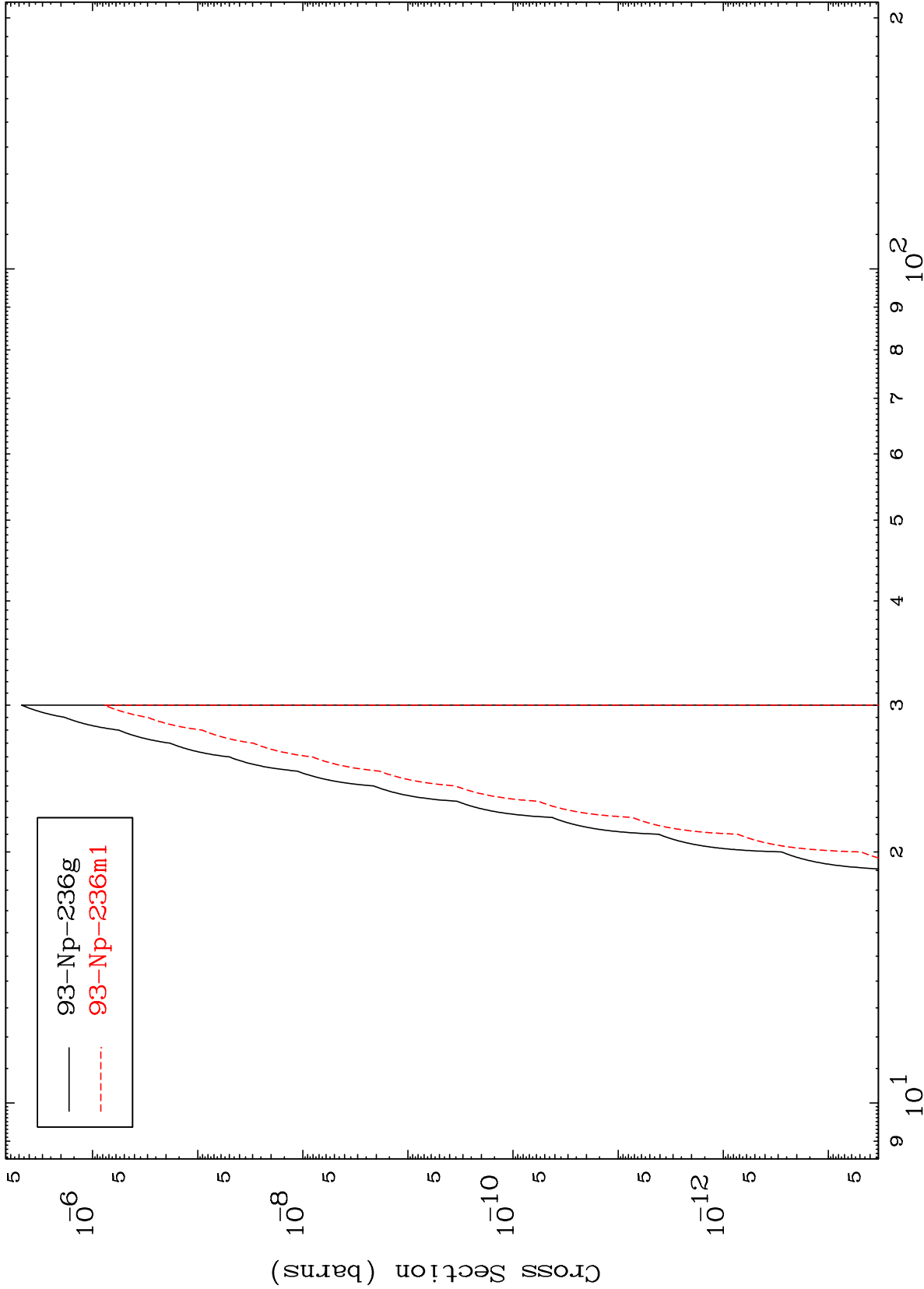
95-Am-239

MAT 9537

(n,n') He-3

95-Am-239

Radionuclide Production Cross Section



27

Incident Energy (MeV)

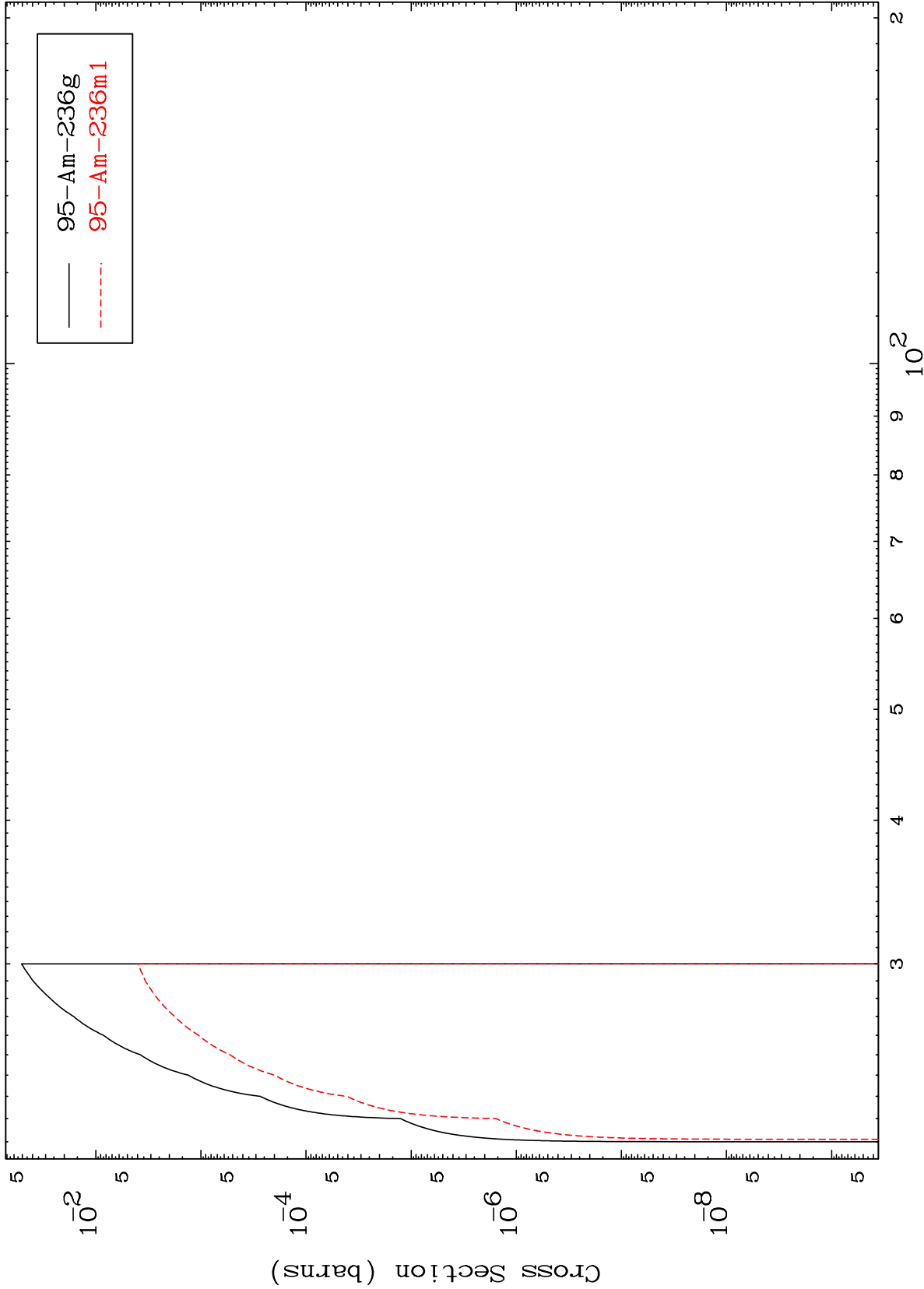
95-Am-239

MAT 9537

(n,4n)

95-Am-239

Radionuclide Production Cross Section



28

Incident Energy (MeV)

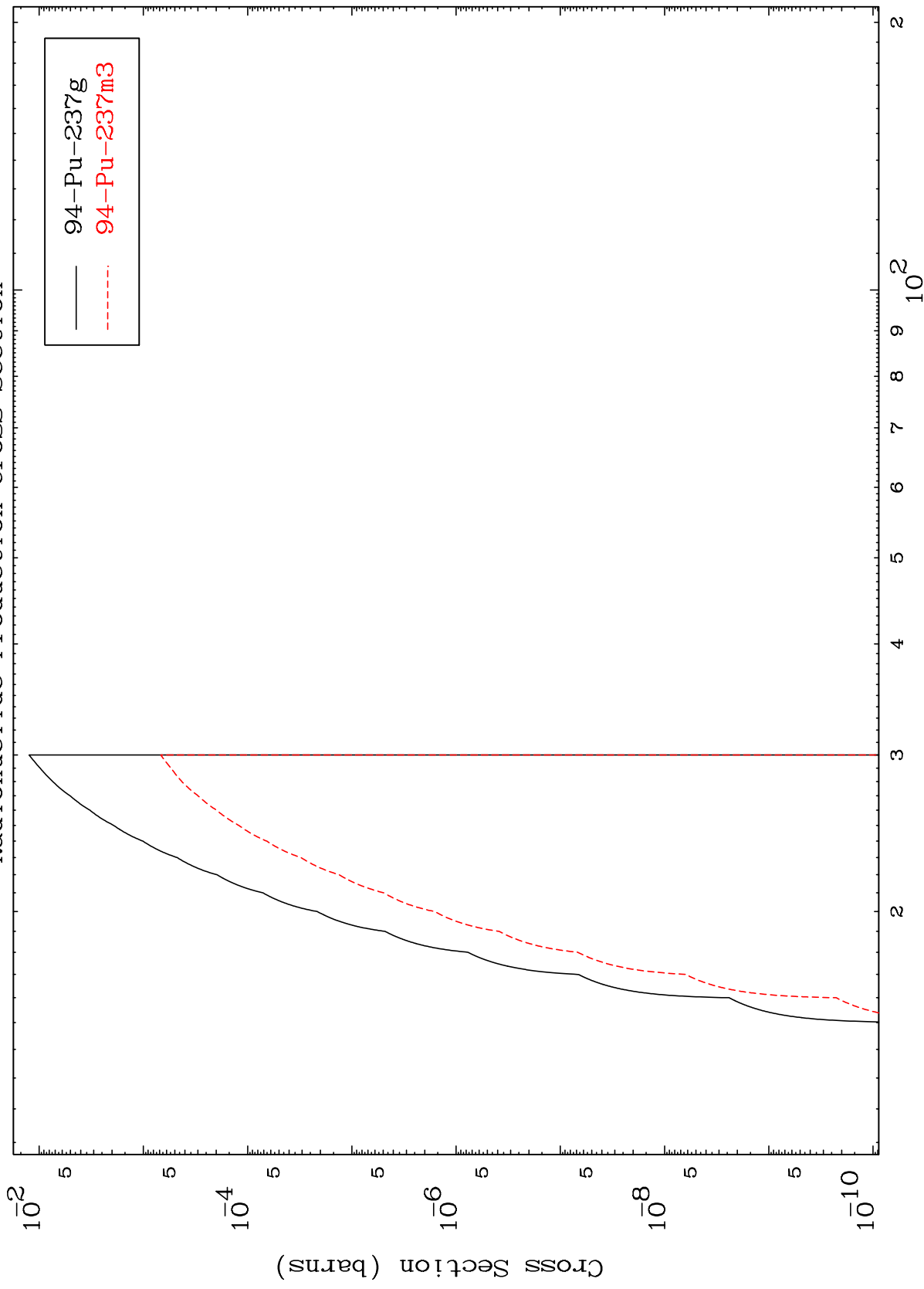
95-Am-239

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(n,2n) p

95-Am-239

Radionuclide Production Cross Section



29

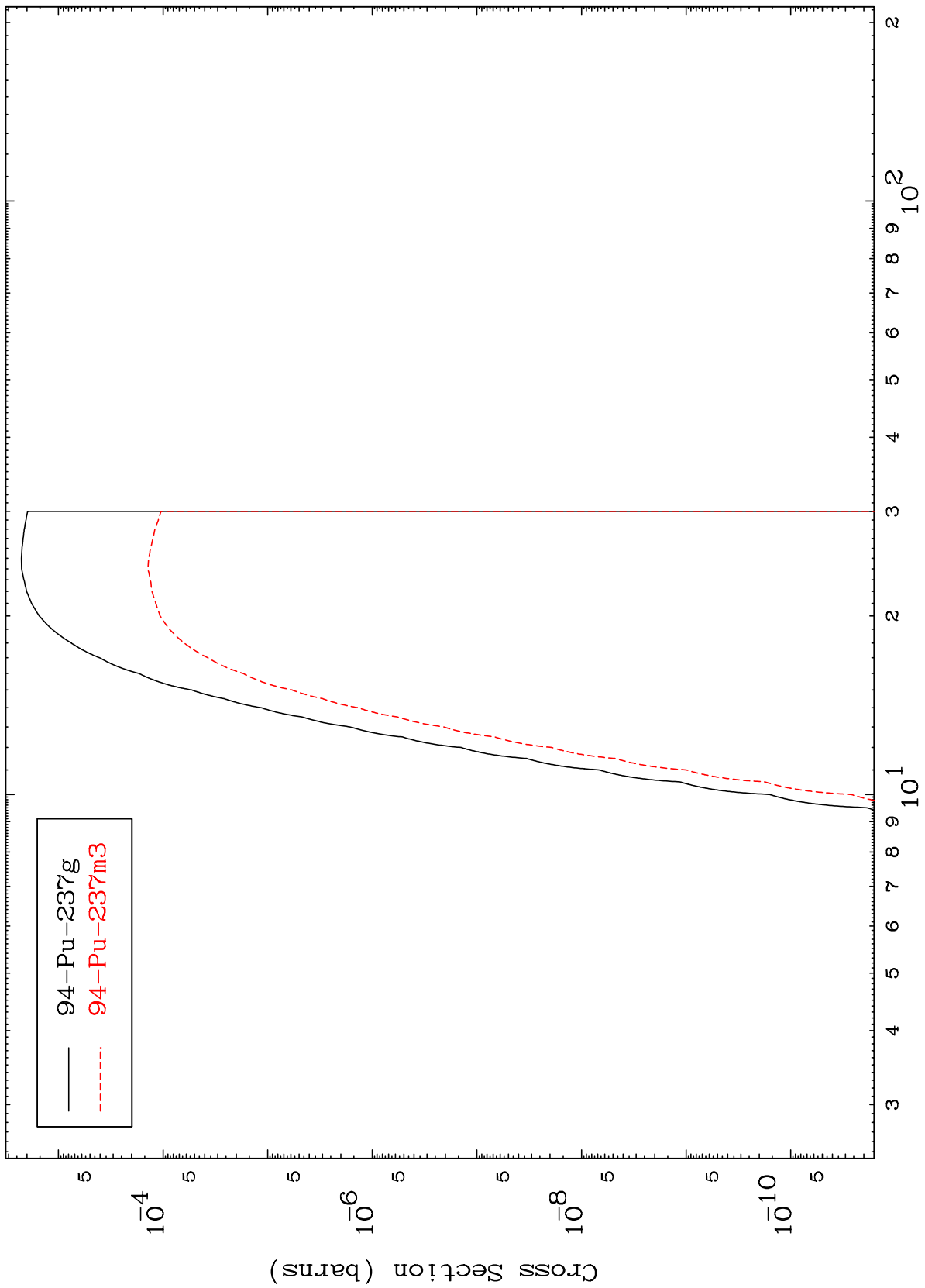
Incident Energy (MeV)

95-Am-239

MAT 9537

95-Am-239

Radionuclide Production Cross Section



30

Incident Energy (MeV)

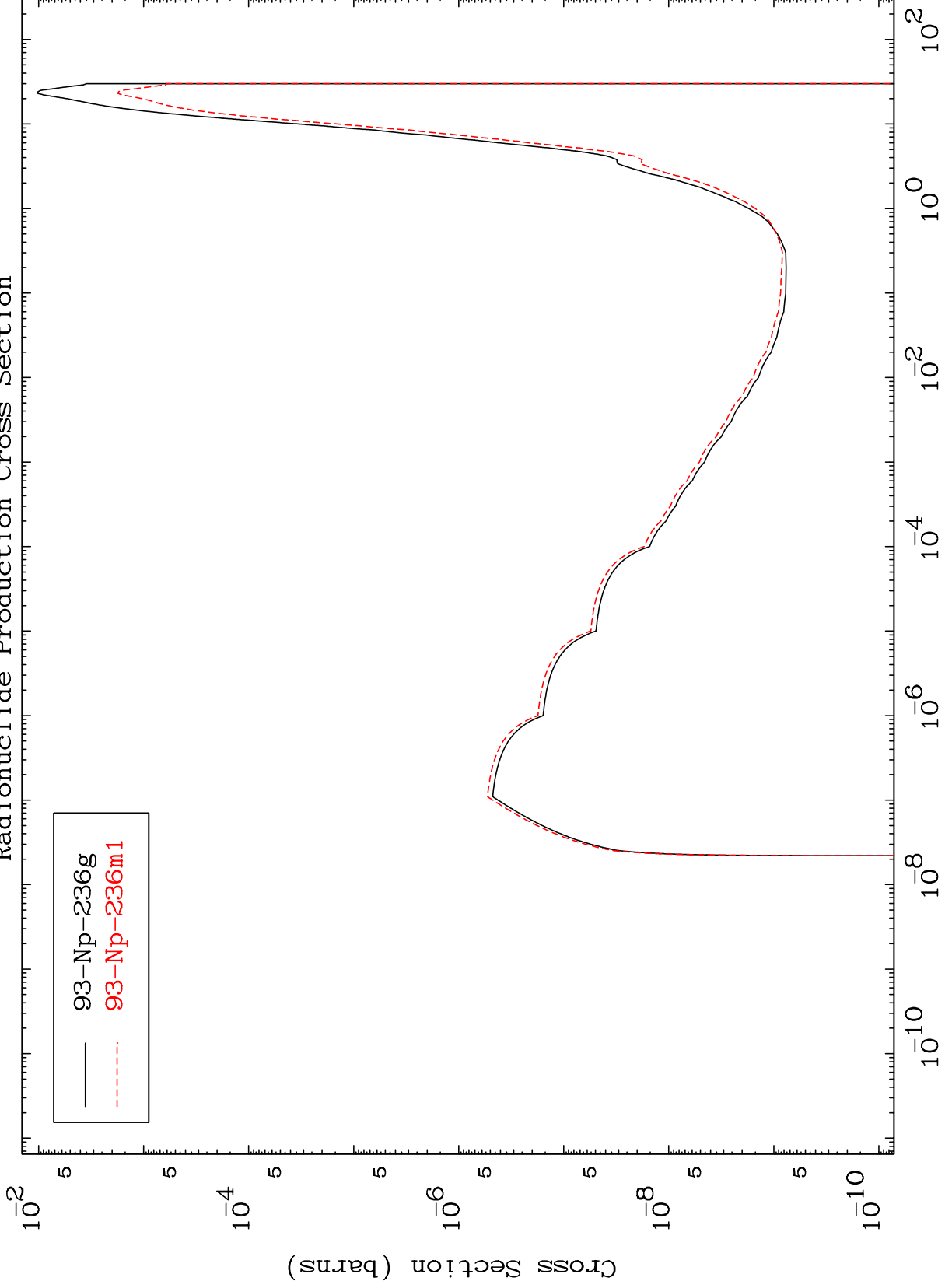
95-Am-239

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(n, α)

95-Am-239

Radionuclide Production Cross Section

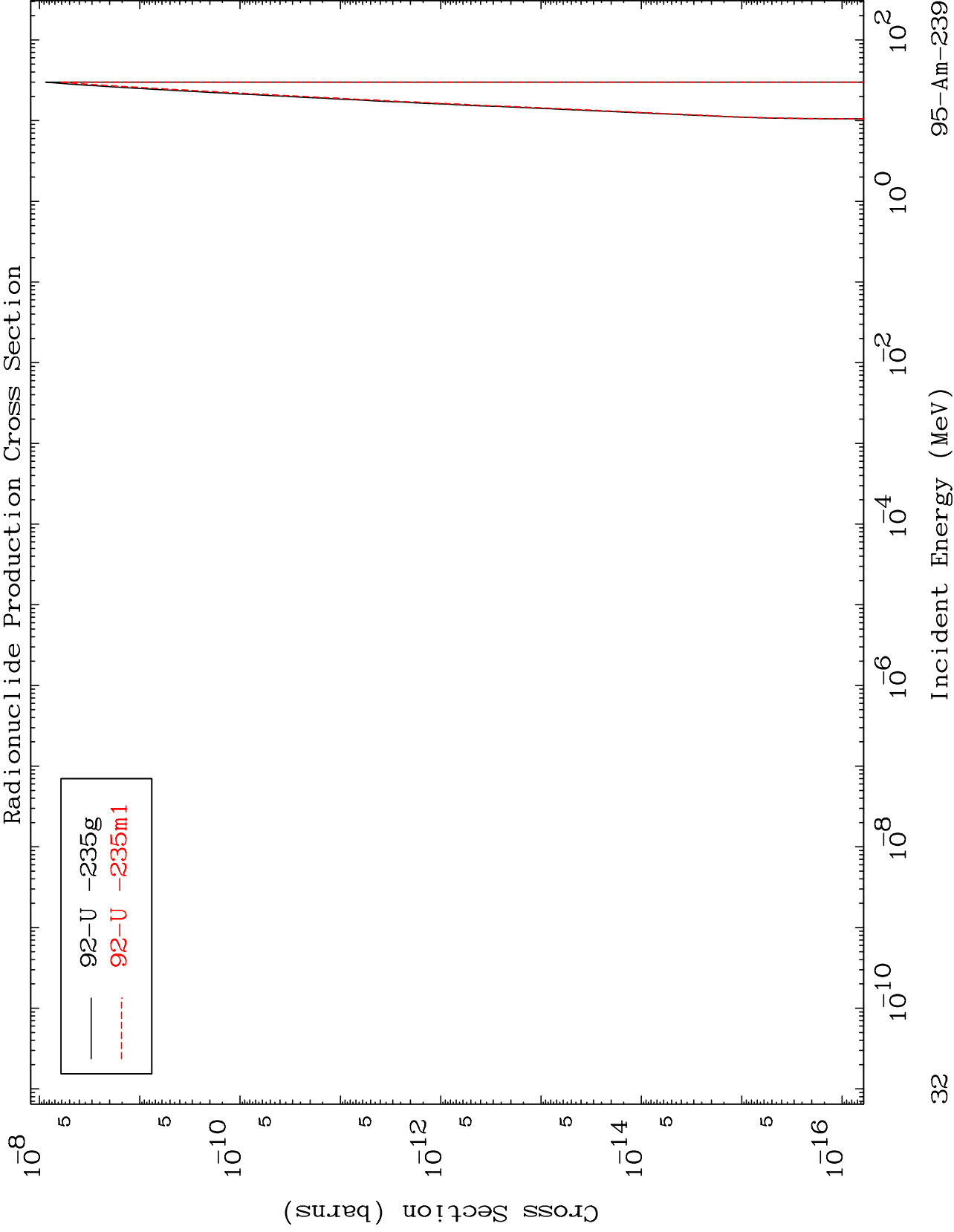


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(n,p) α

95-Am-239

Radionuclide Production Cross Section



32

Incident Energy (MeV)

95-Am-239