

Program EVALPLOT
(Version 2021-1)

by

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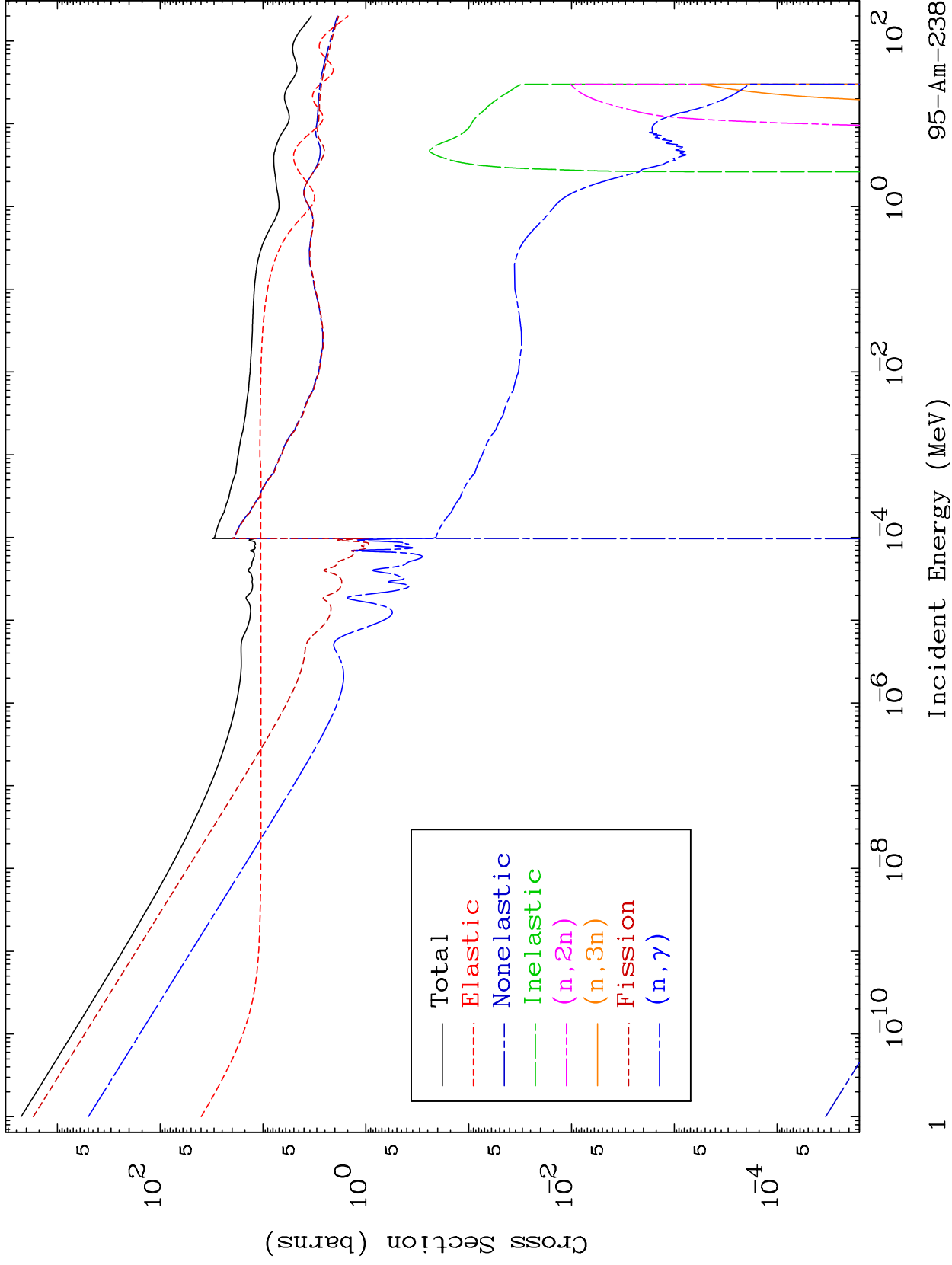
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Press Mouse Button to Start

MAT 9534

Neutron Major
293 Kelvin Cross Sections

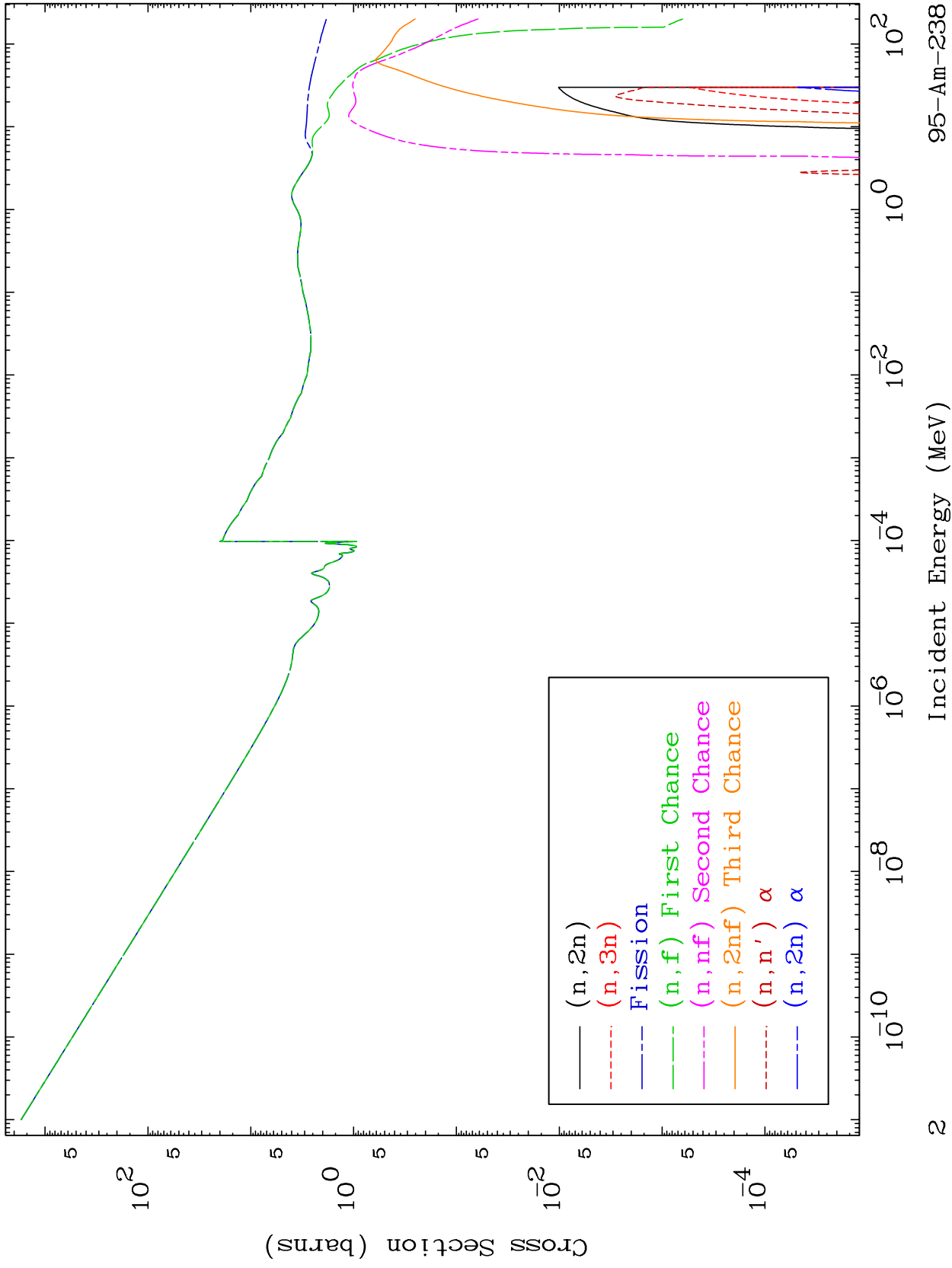
95-Am-238



MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

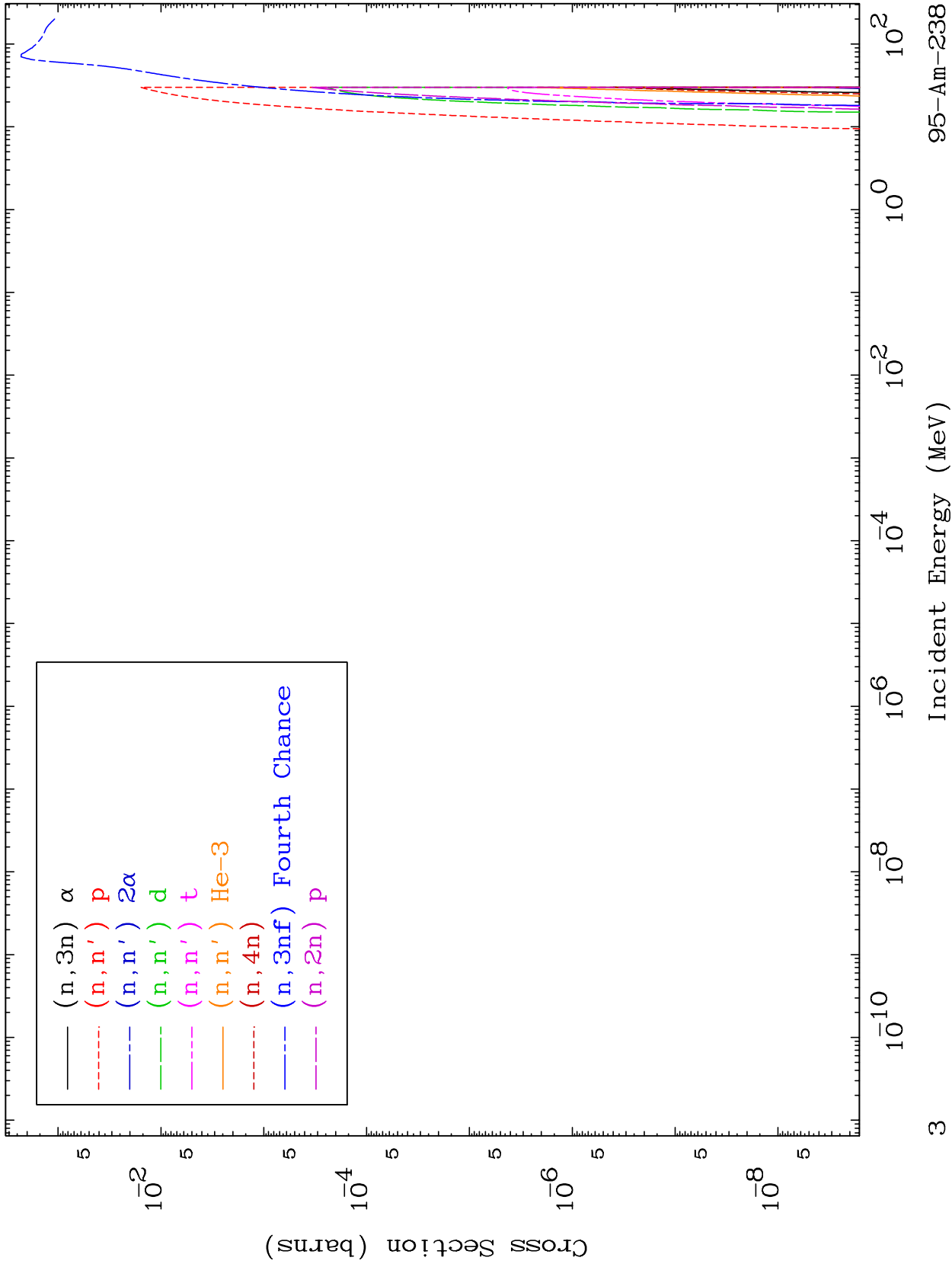
95-Am-238



MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

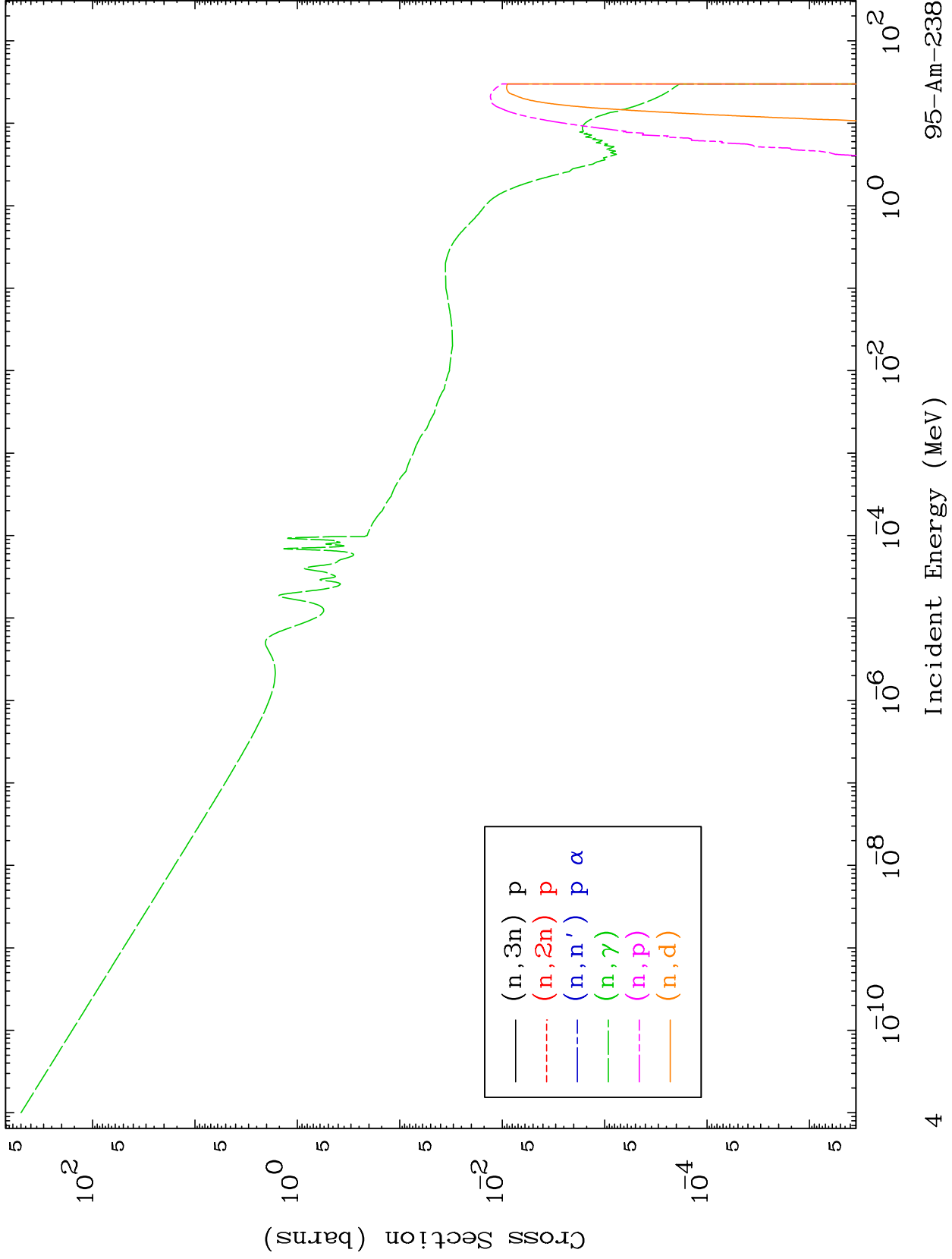
95-Am-238



MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

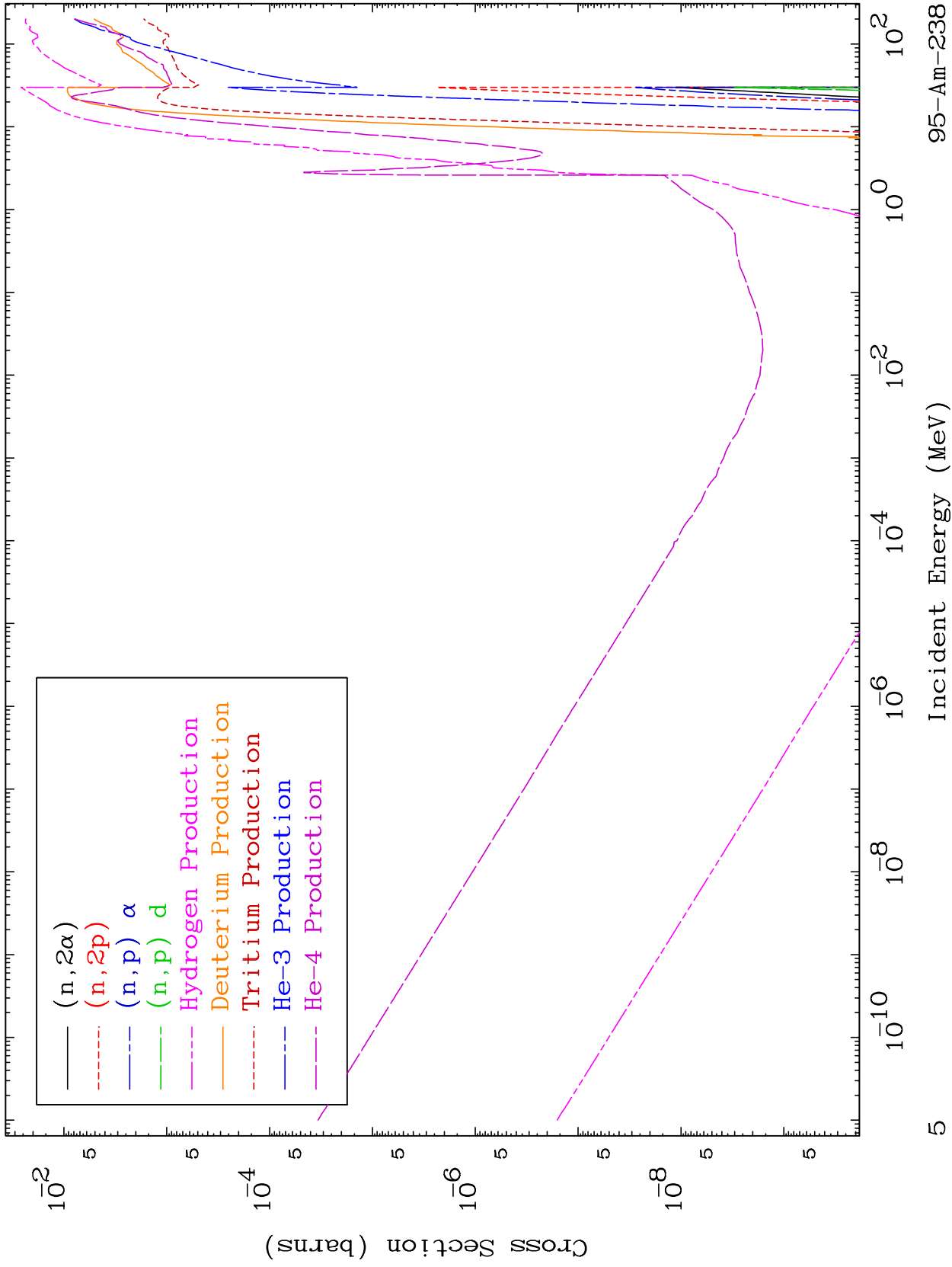
95-Am-238



MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

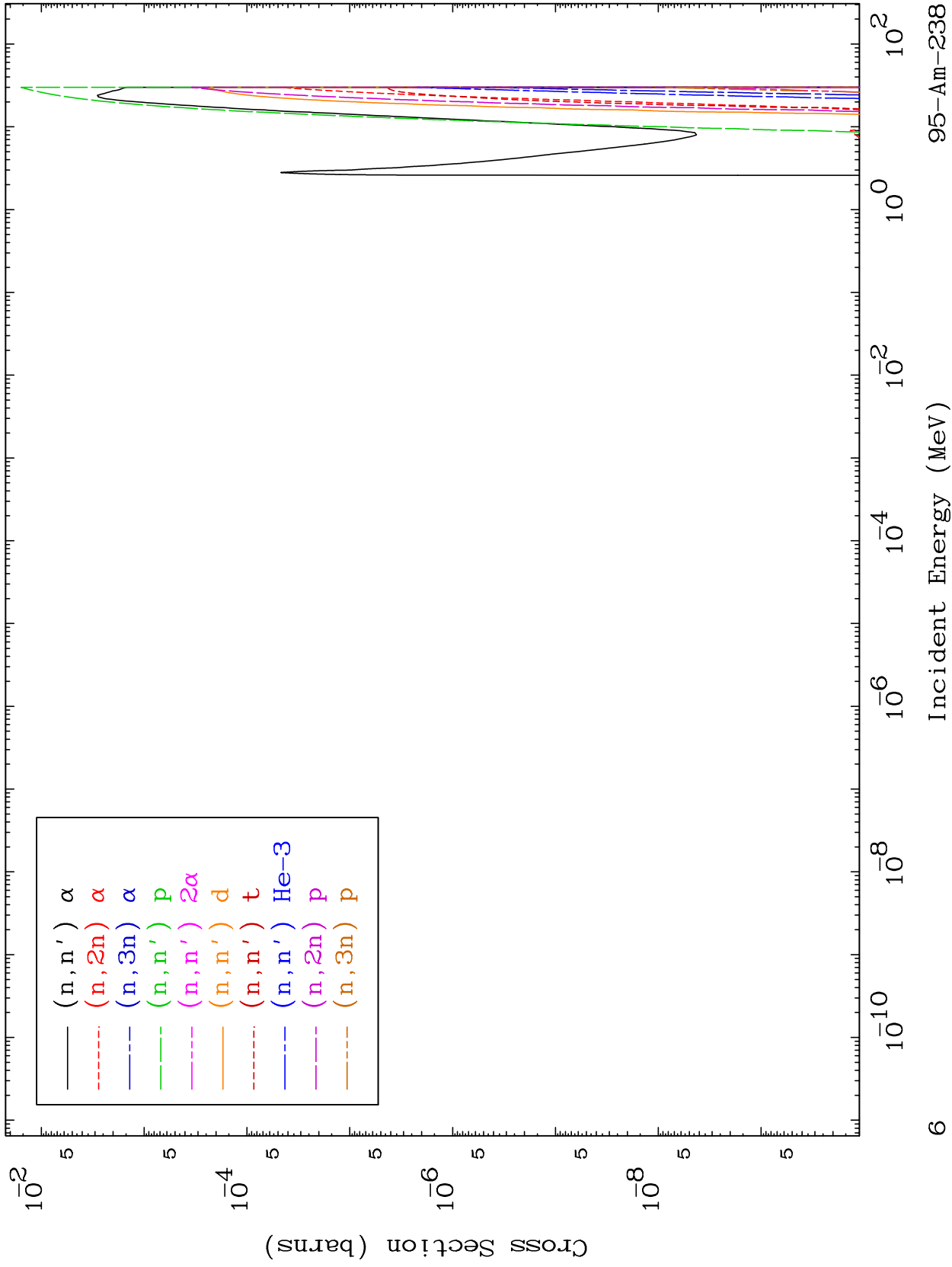
95-Am-238



MAT 9534

Charged Particle
293 Kelvin Cross Sections

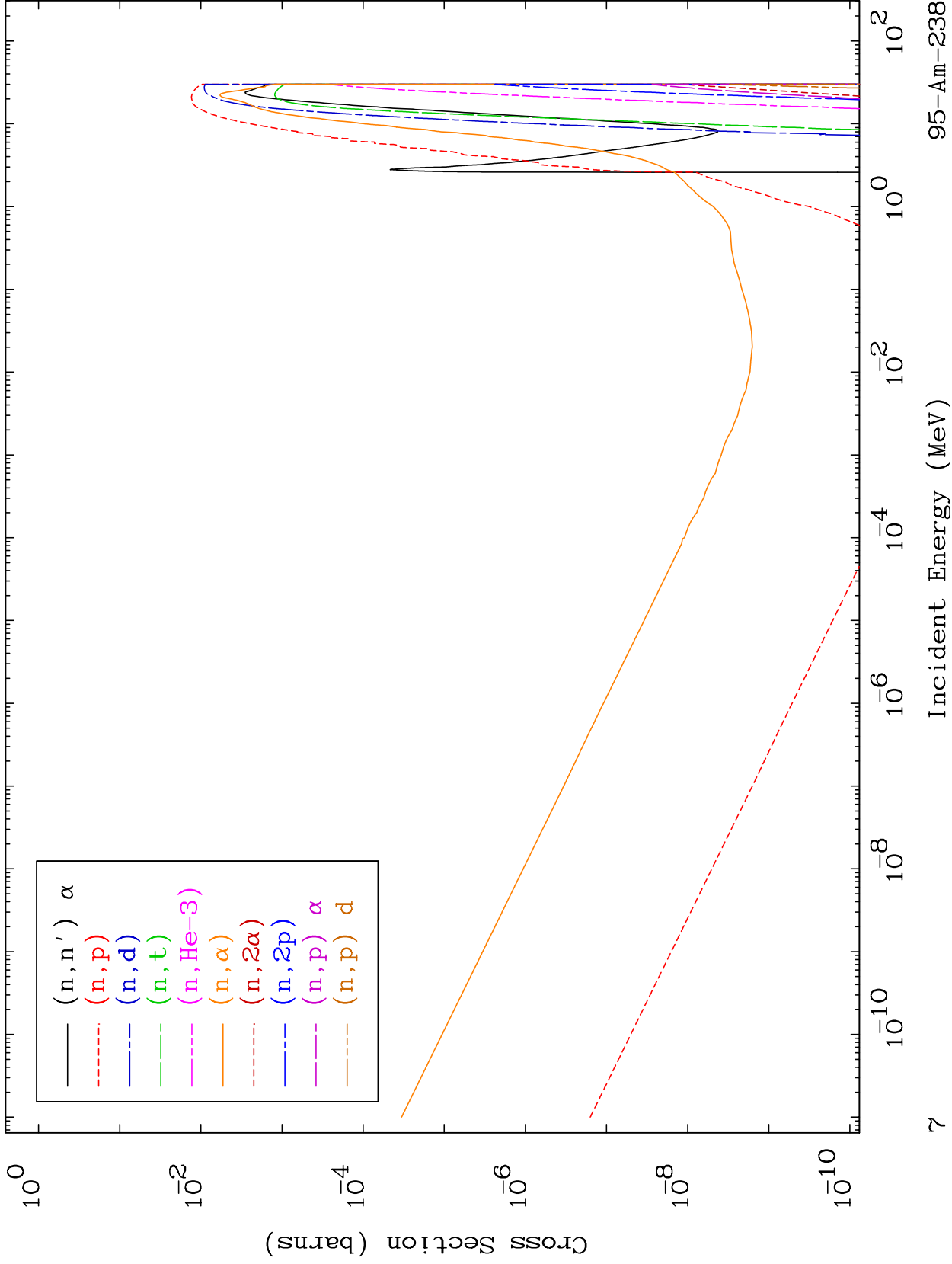
95-Am-238



MAT 9534

Charged Particle
293 Kelvin Cross Sections

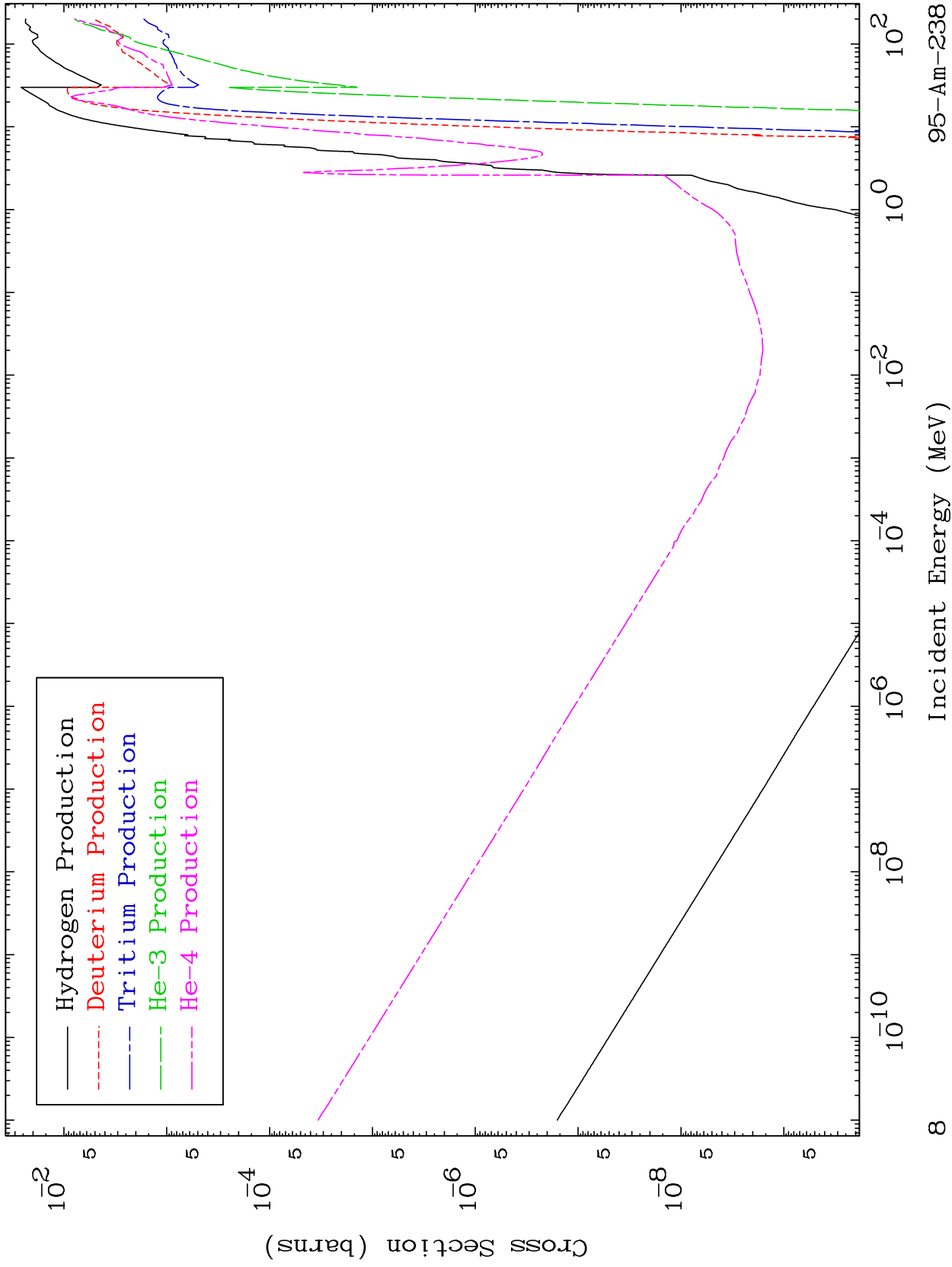
95-Am-238



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Particle Production
293 Kelvin Cross Sections

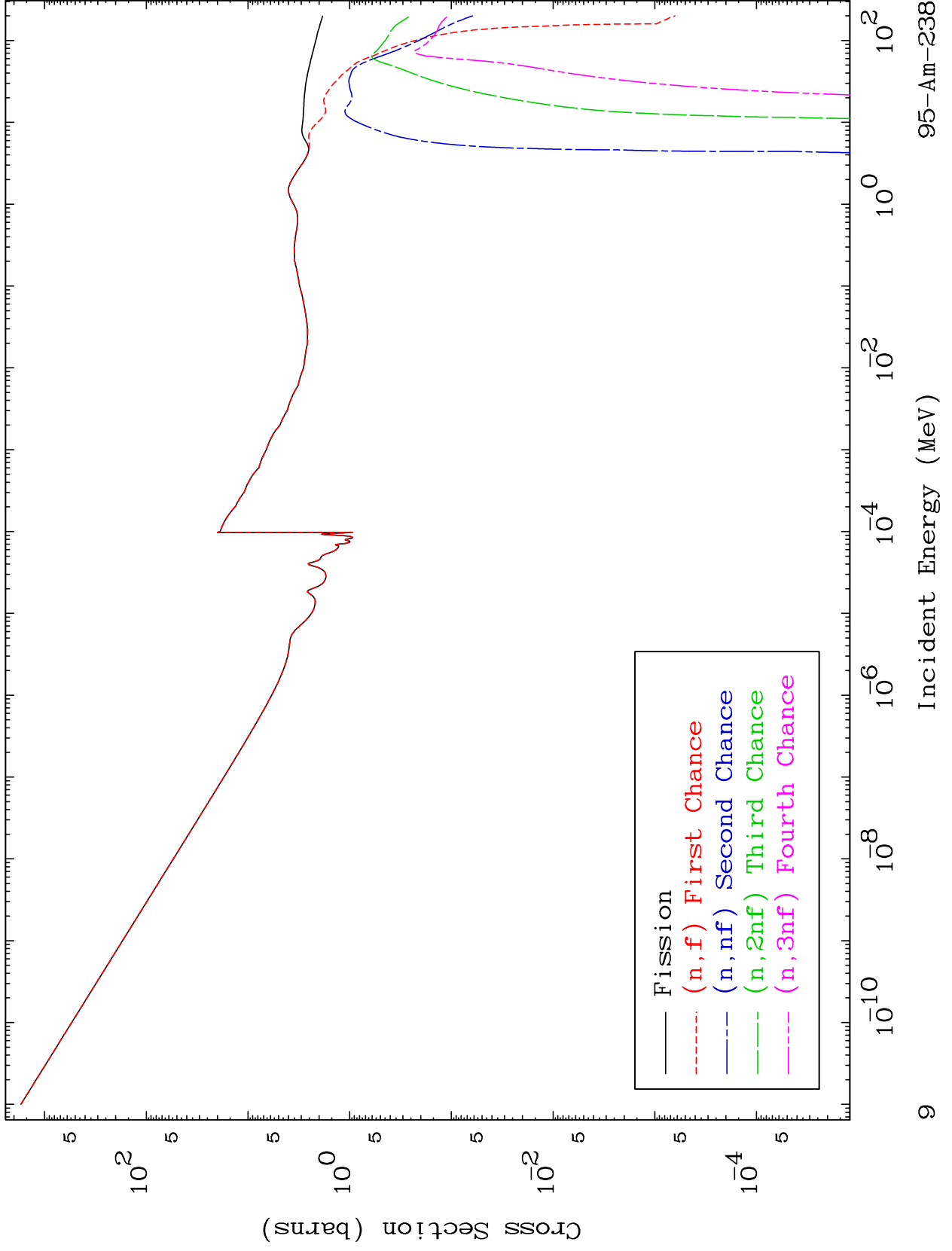
95-Am-238



MAT 9534

Fission
293 Kelvin Cross Sections

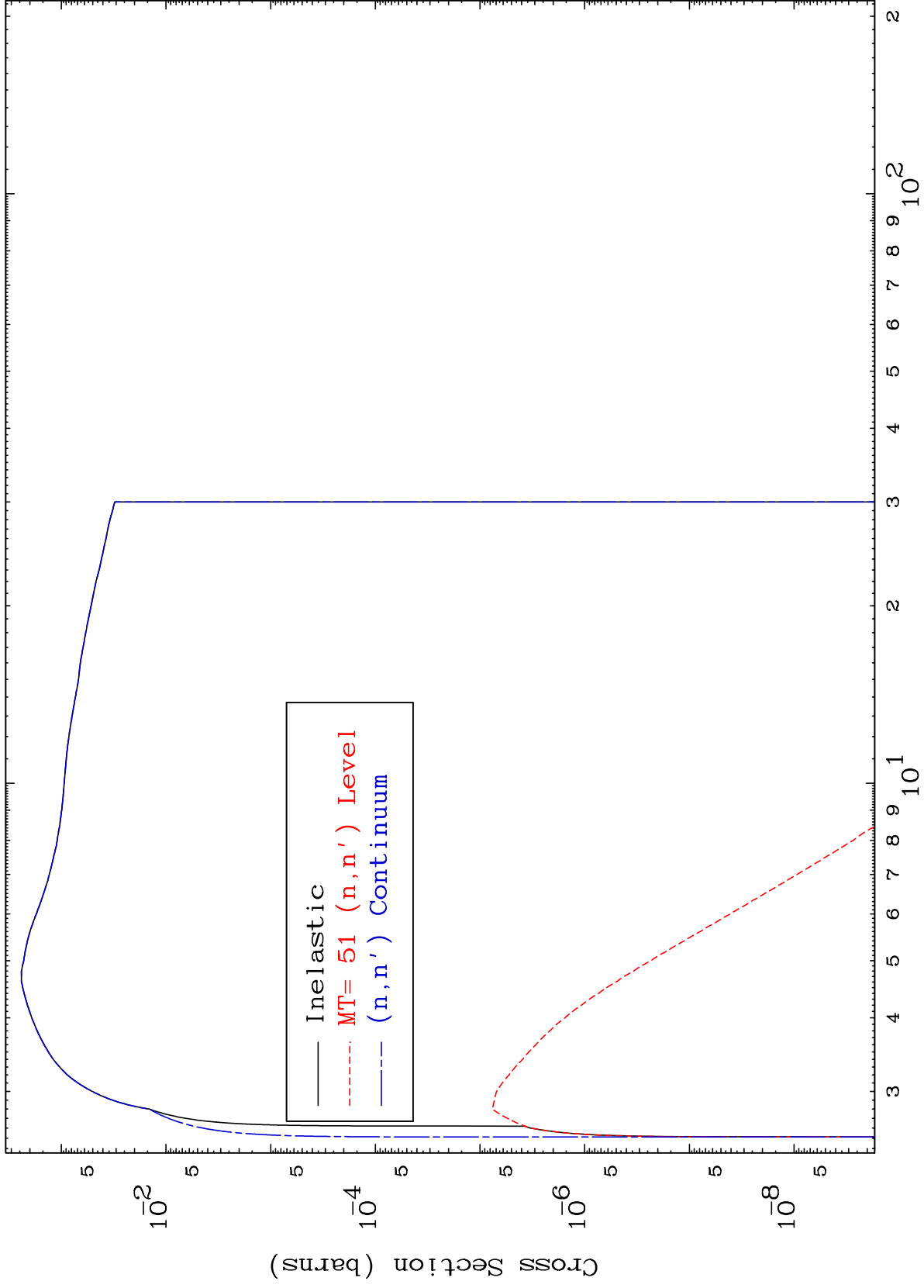
95-Am-238



MAT 9534

(n,n') Levels
293 Kelvin Cross Sections

95-Am-238



10

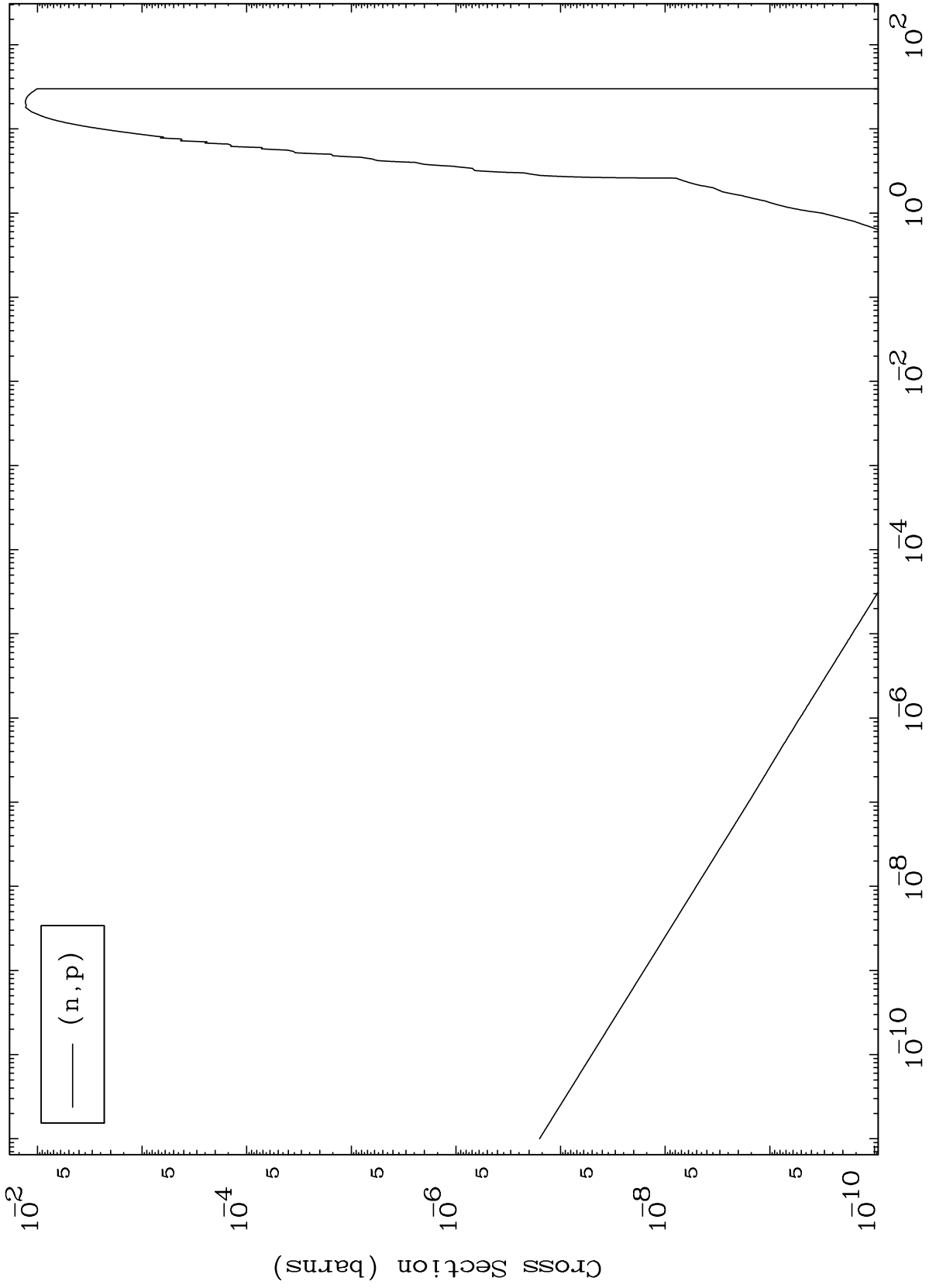
Incident Energy (MeV)

95-Am-238

MAT 9534

(n,p) Levels
293 Kelvin Cross Sections

95-Am-238

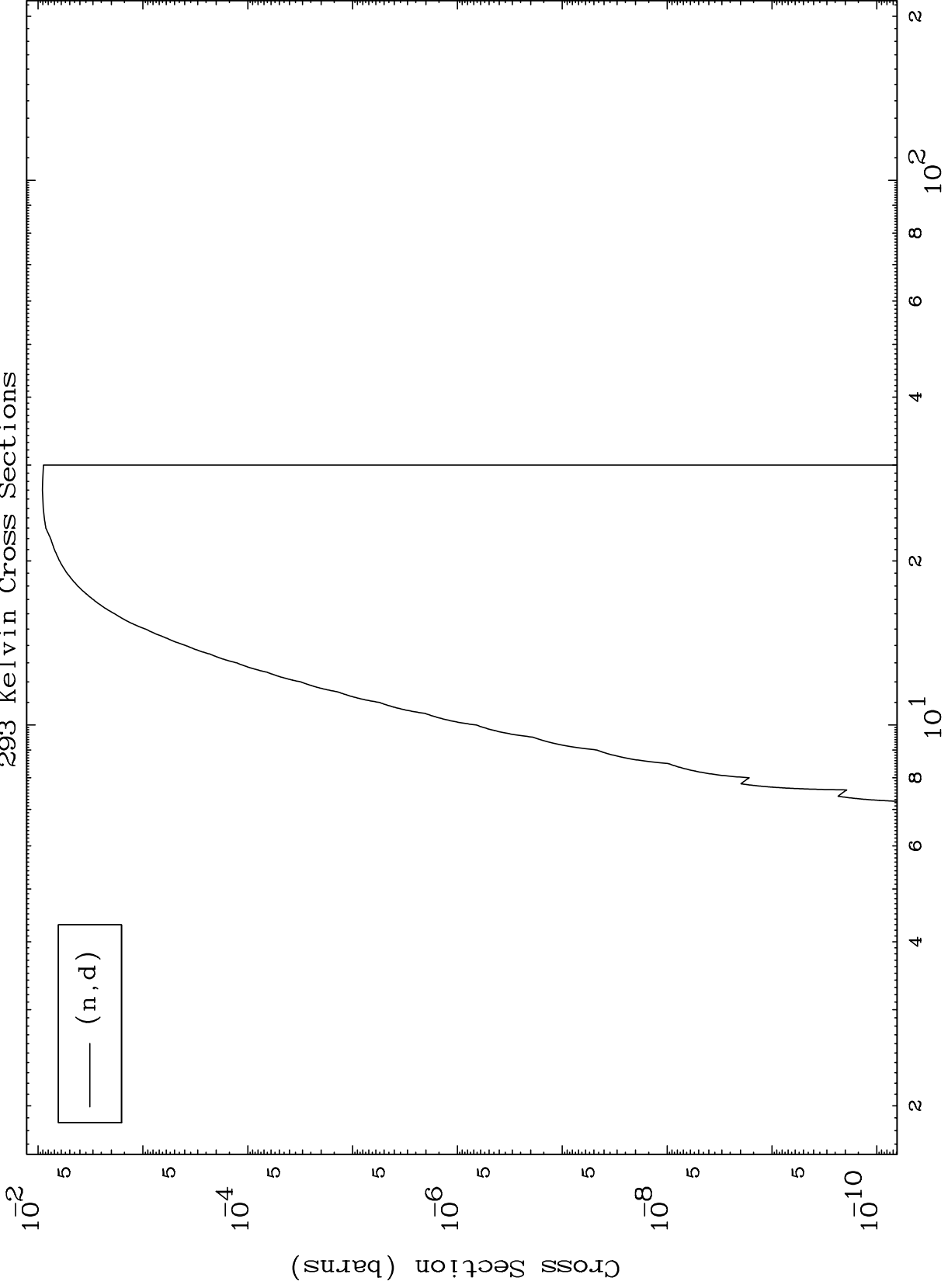


95-Am-238

MAT 9534

(n,d) Levels
293 Kelvin Cross Sections

95-Am-238



12

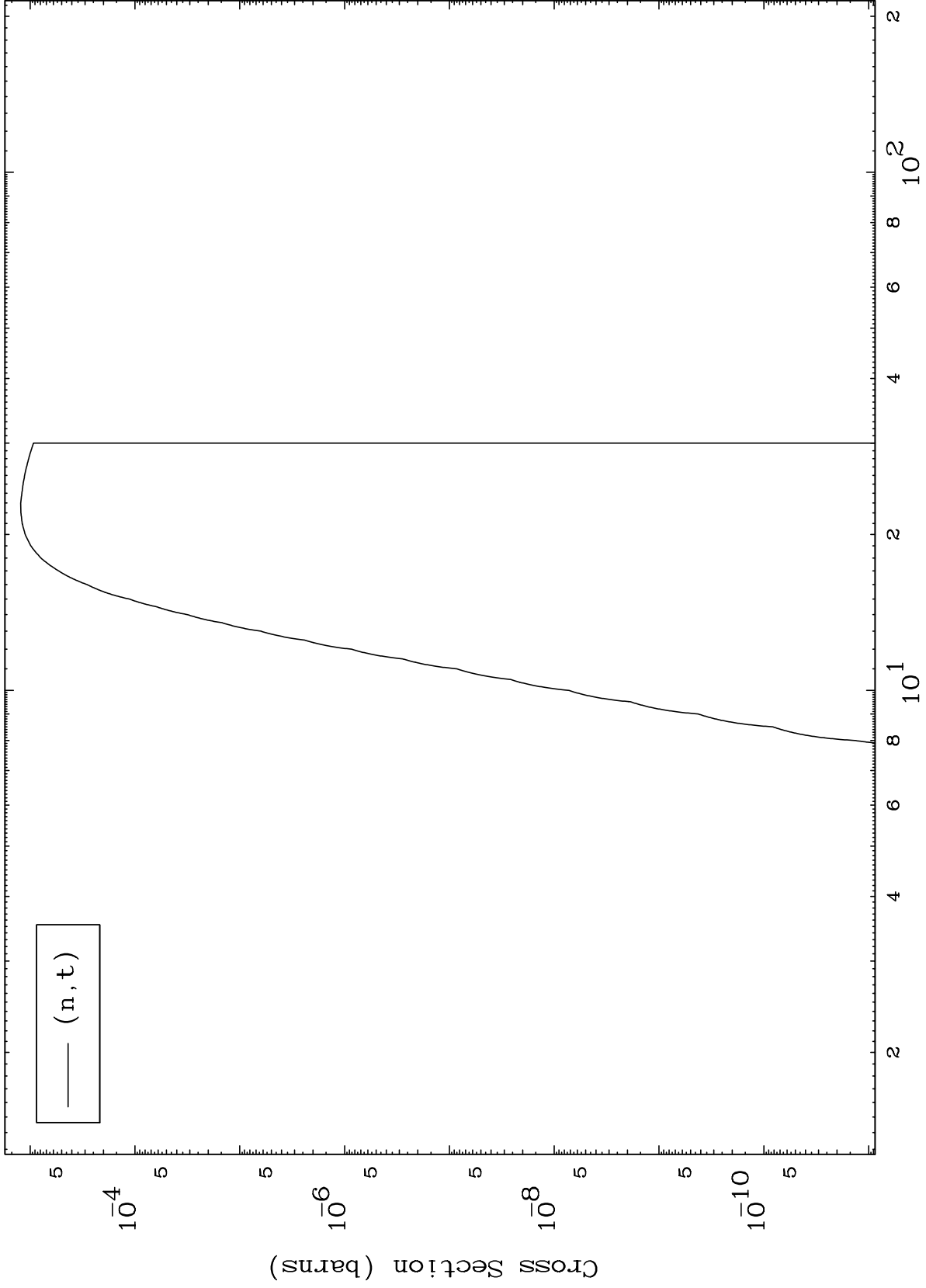
Incident Energy (MeV)

95-Am-238

MAT 9534

(n,t) Levels
293 Kelvin Cross Sections

95-Am-238



13

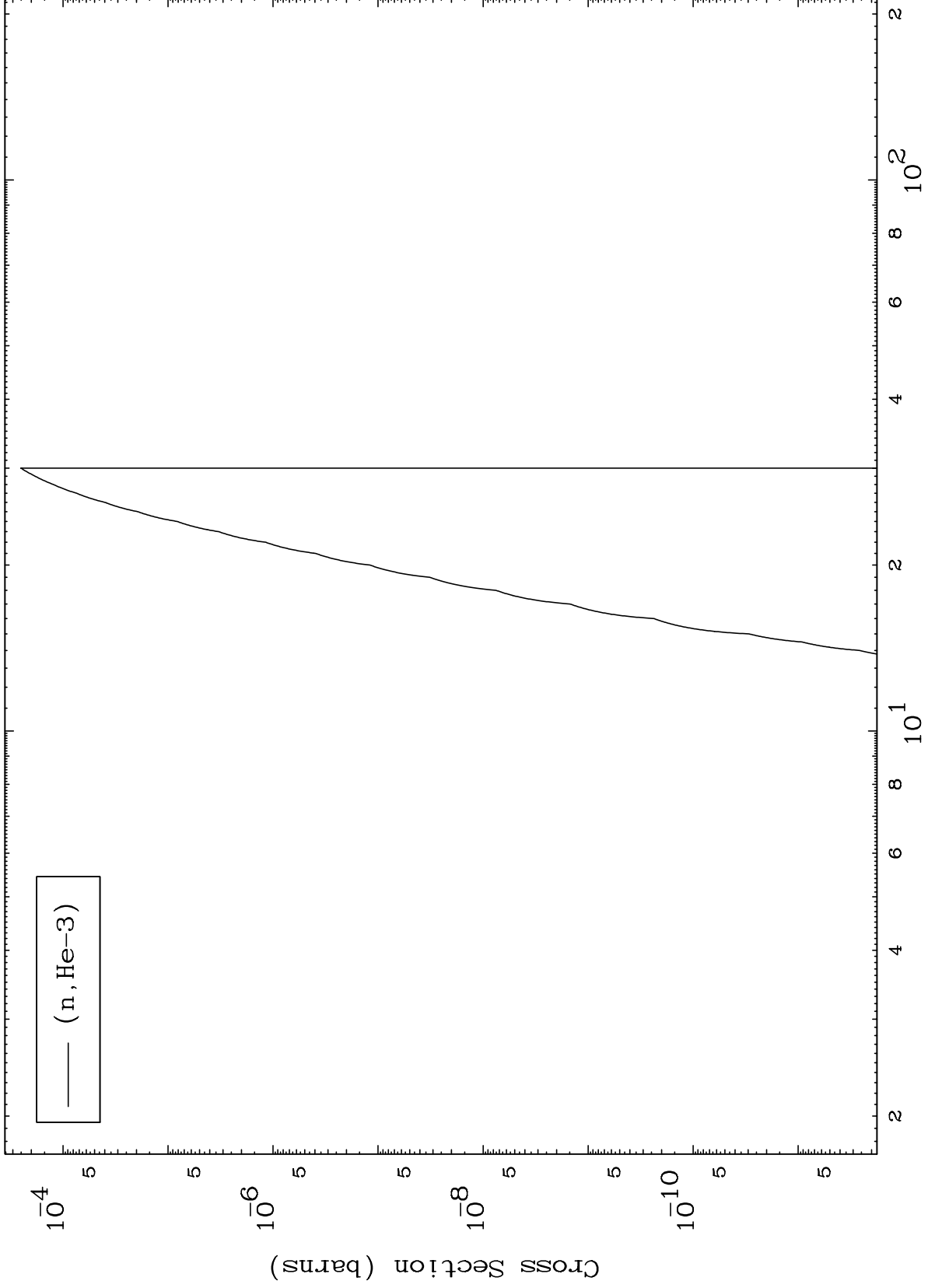
Incident Energy (MeV)

95-Am-238

MAT 9534

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-238



14

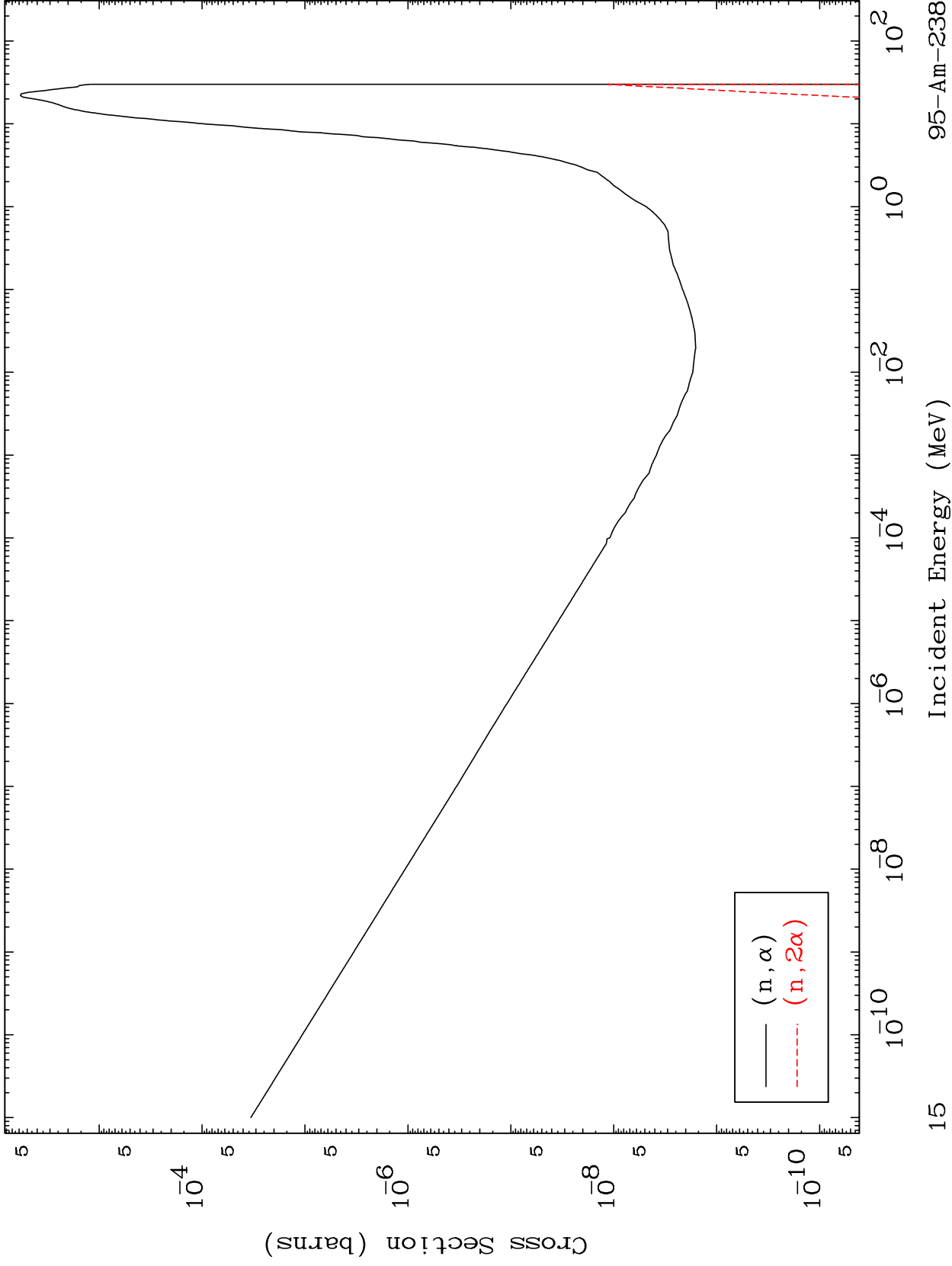
Incident Energy (MeV)

95-Am-238

MAT 9534

(n, α) Levels
293 Kelvin Cross Sections

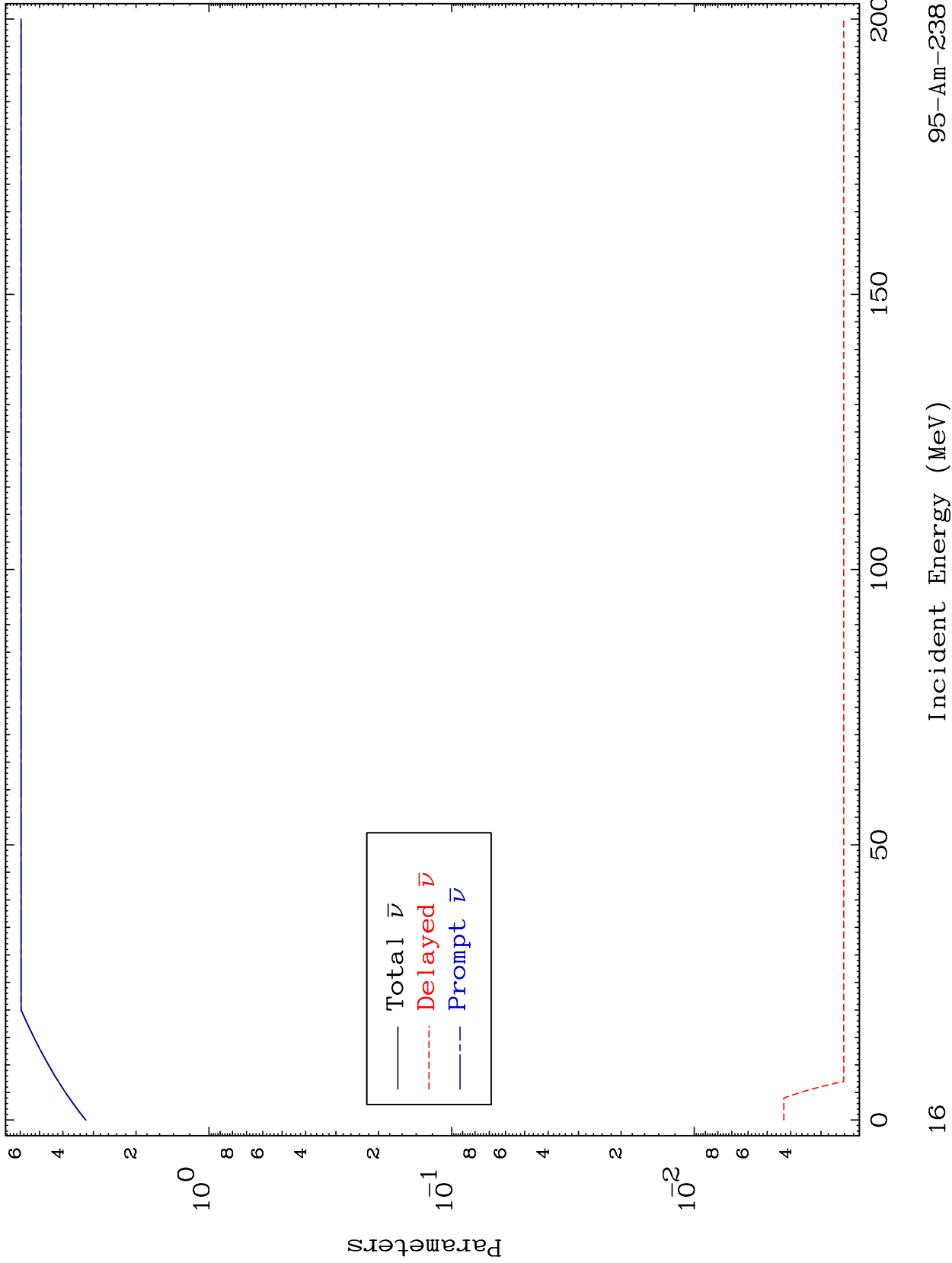
95-Am-238



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Energy Release
Parameters

95-Am-238



16

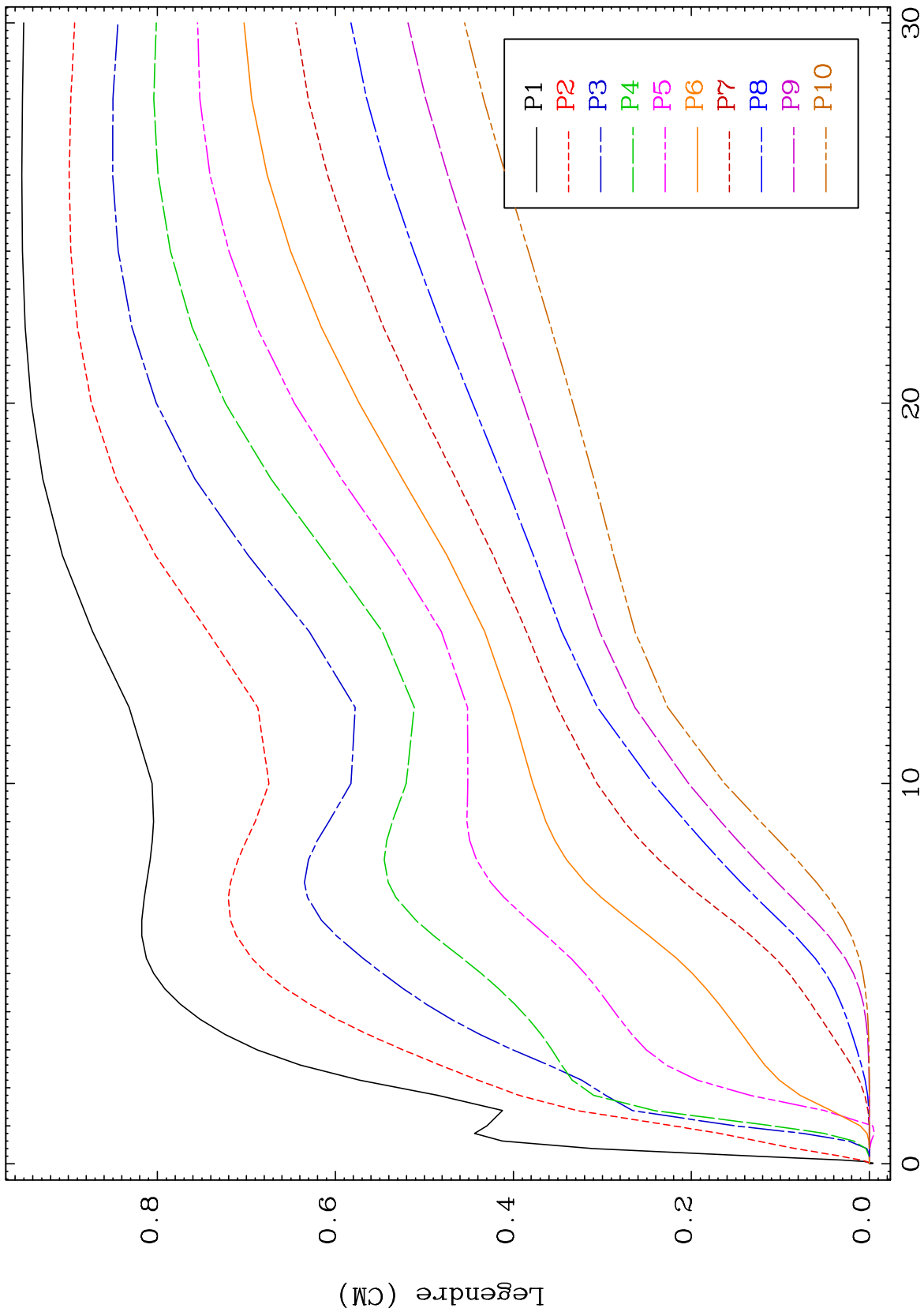
Incident Energy (MeV)

95-Am-238

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95-Am-238

Elastic Legendre Coefficients



17

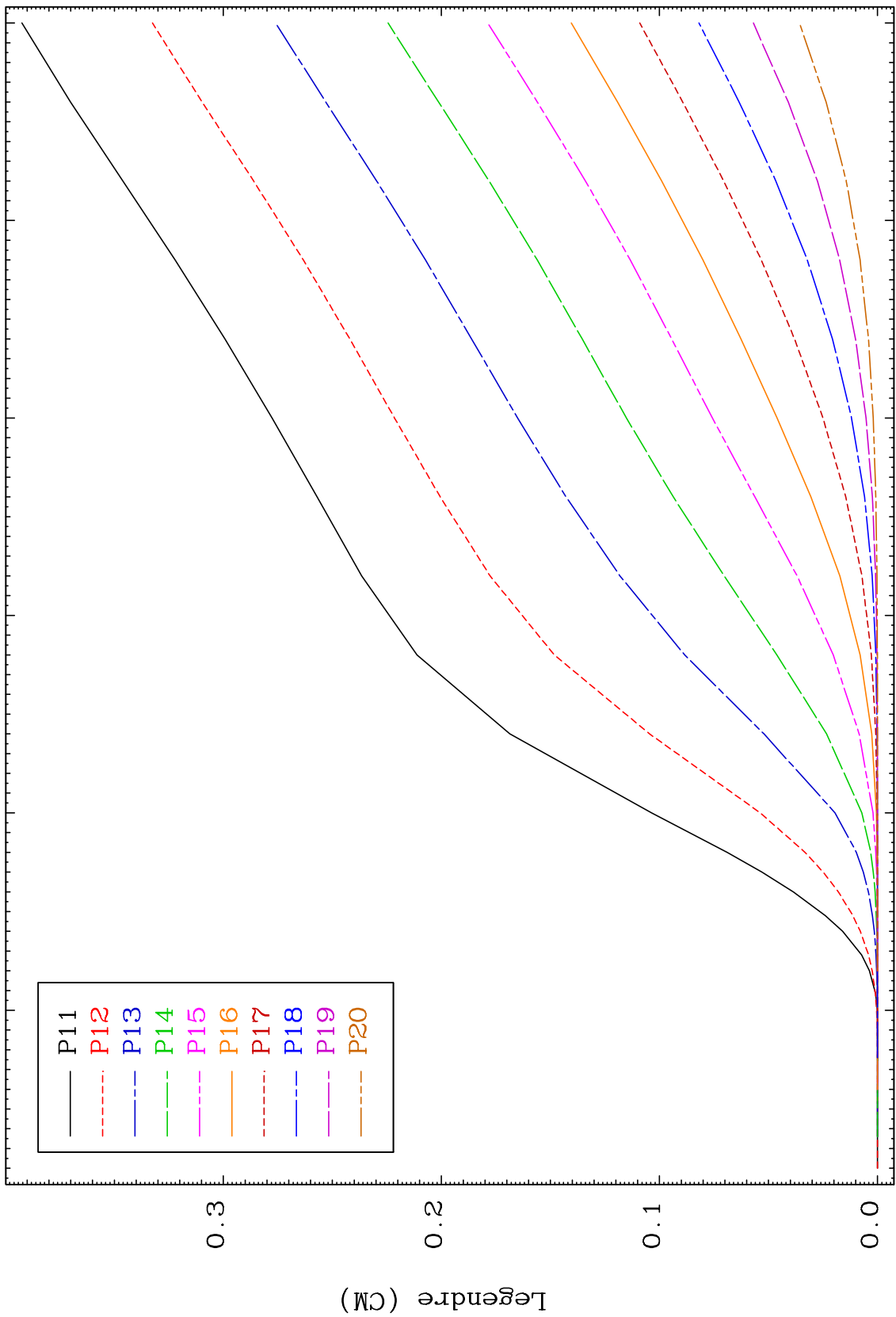
Incident Energy (MeV)

95-Am-238

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Elastic Legendre Coefficients

95-Am-238



18

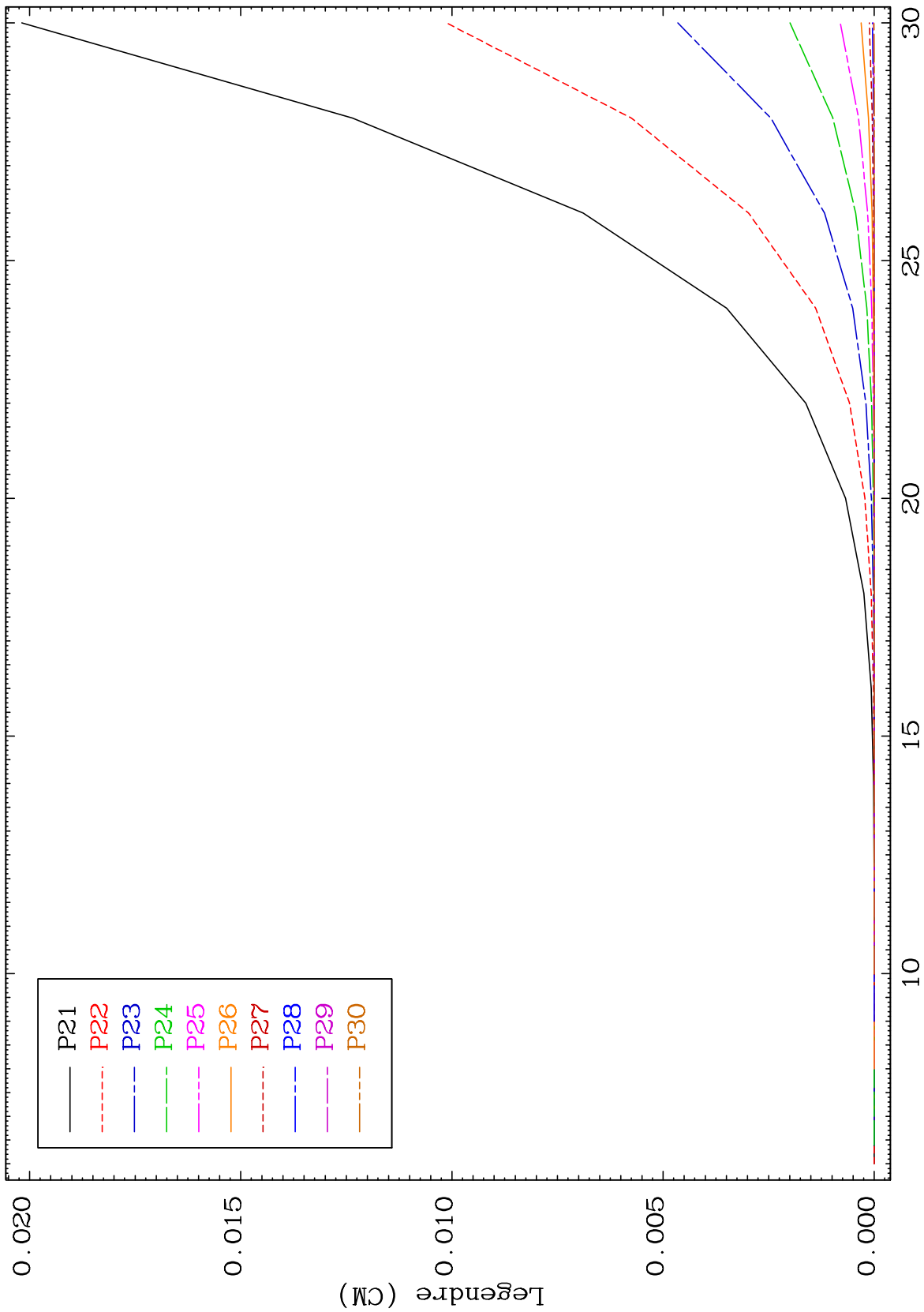
Incident Energy (MeV)

95-Am-238

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Elastic
Legendre Coefficients

95-Am-238



19

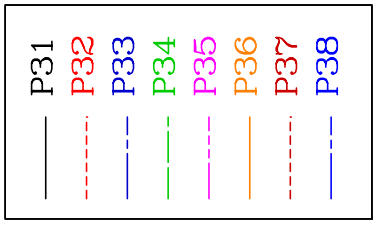
Incident Energy (MeV)

95-Am-238

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Elastic Legendre Coefficients

95-Am-238



$\times 10^{-6}$

Legendre (CM)

1.0

0.8

0.6

0.4

0.2

0.0

18

20

22

24

26

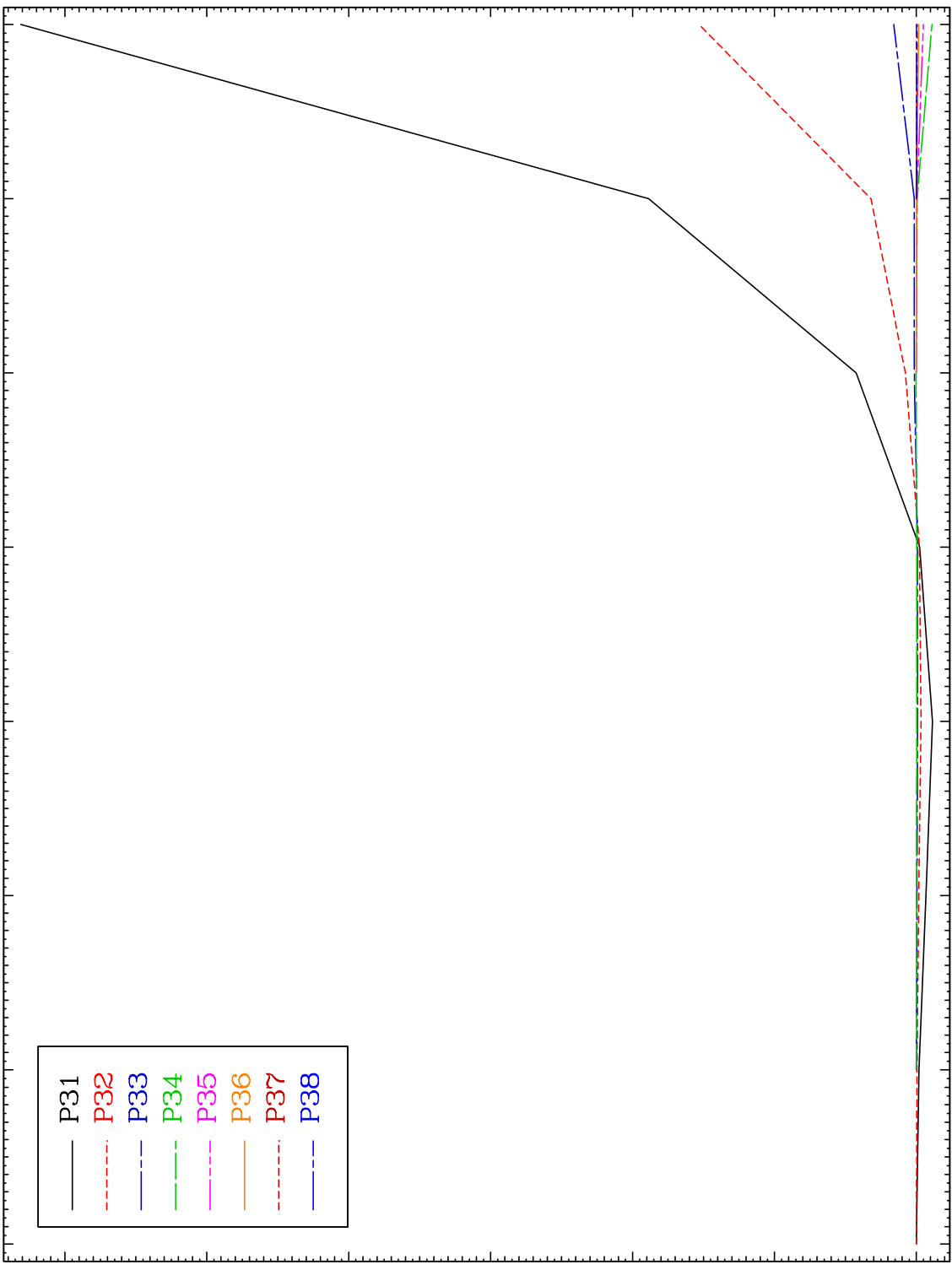
28

30

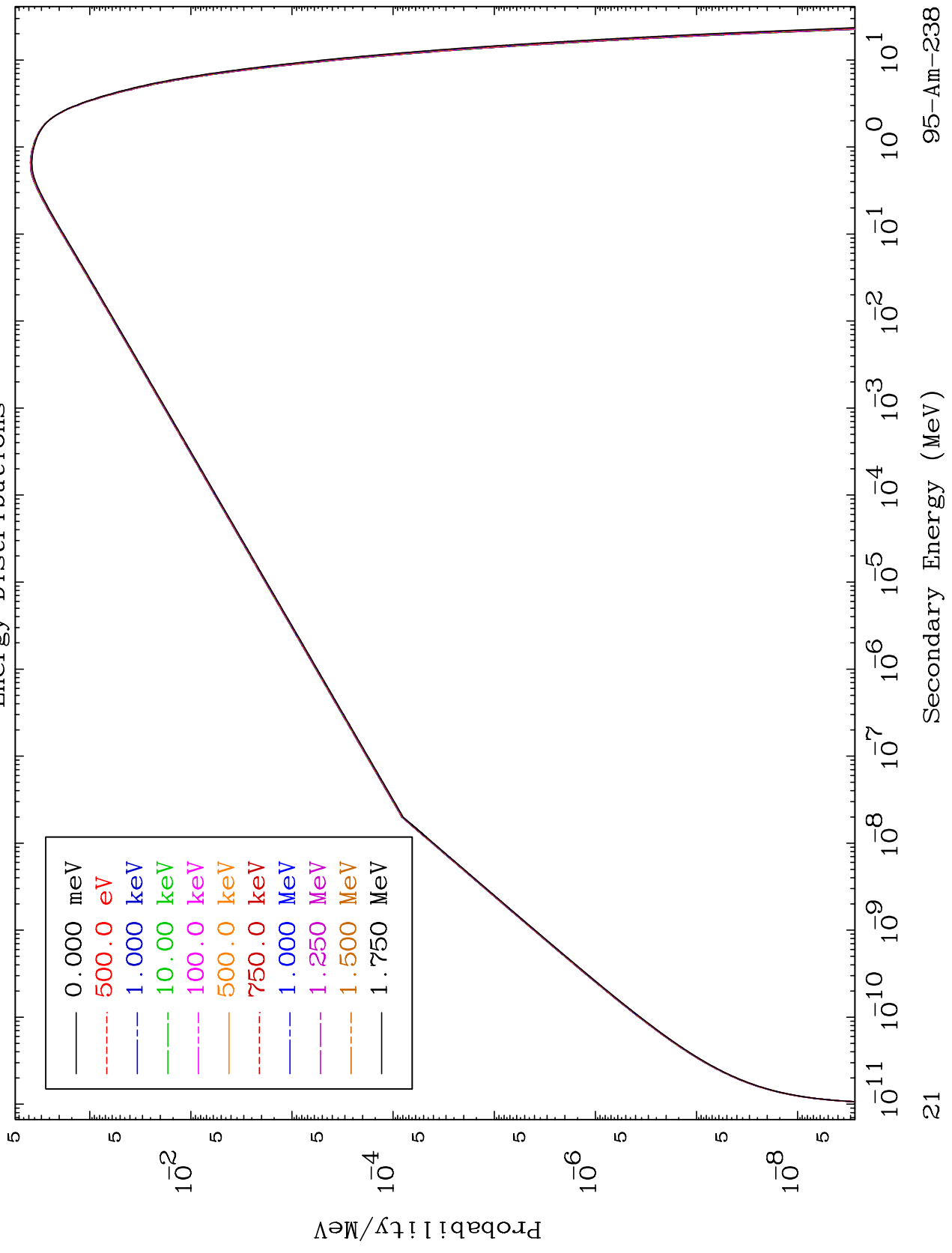
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Incident Energy (MeV)

95-Am-238



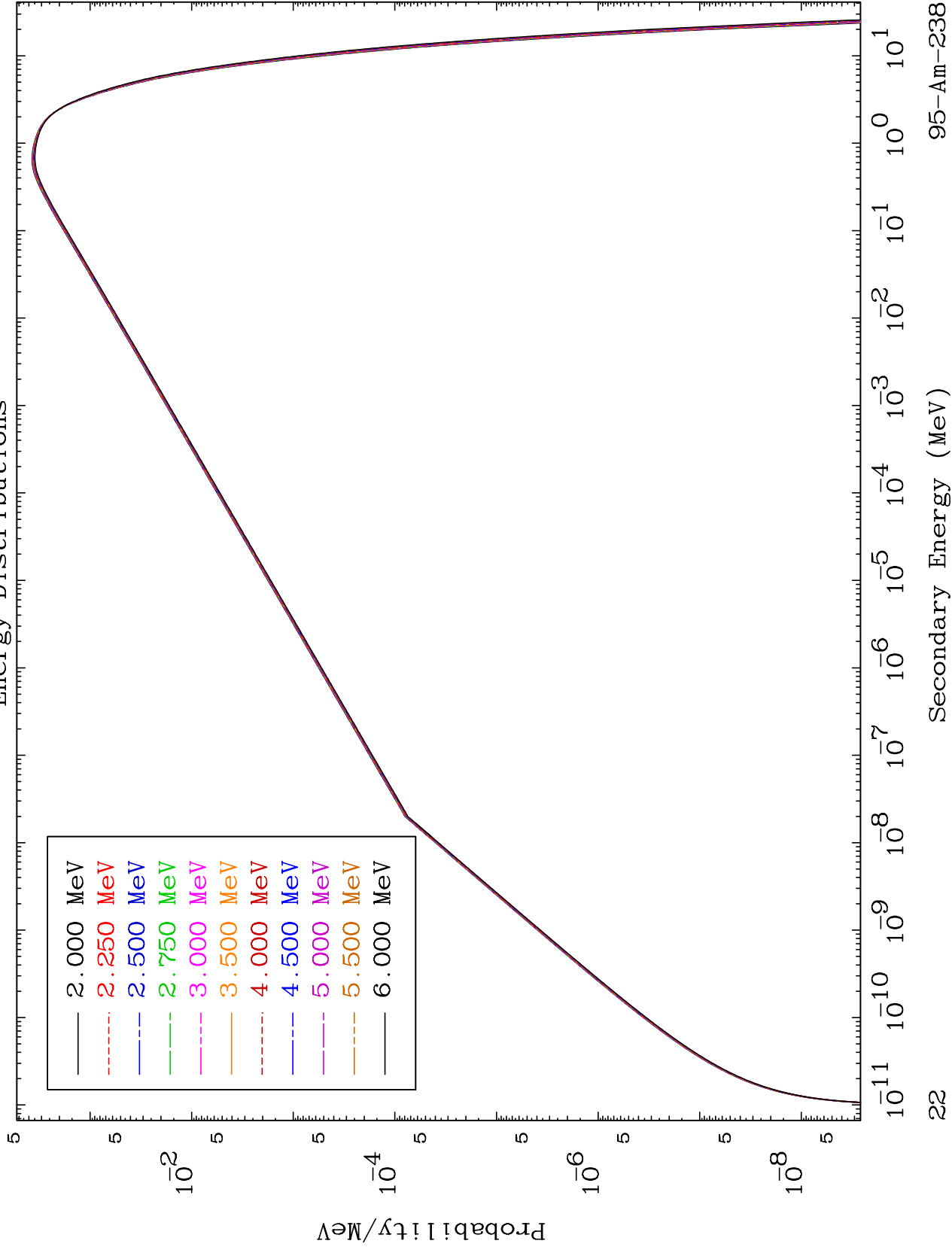
Fission Energy Distributions



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Fission Energy Distributions

95-Am-238



95-Am-238

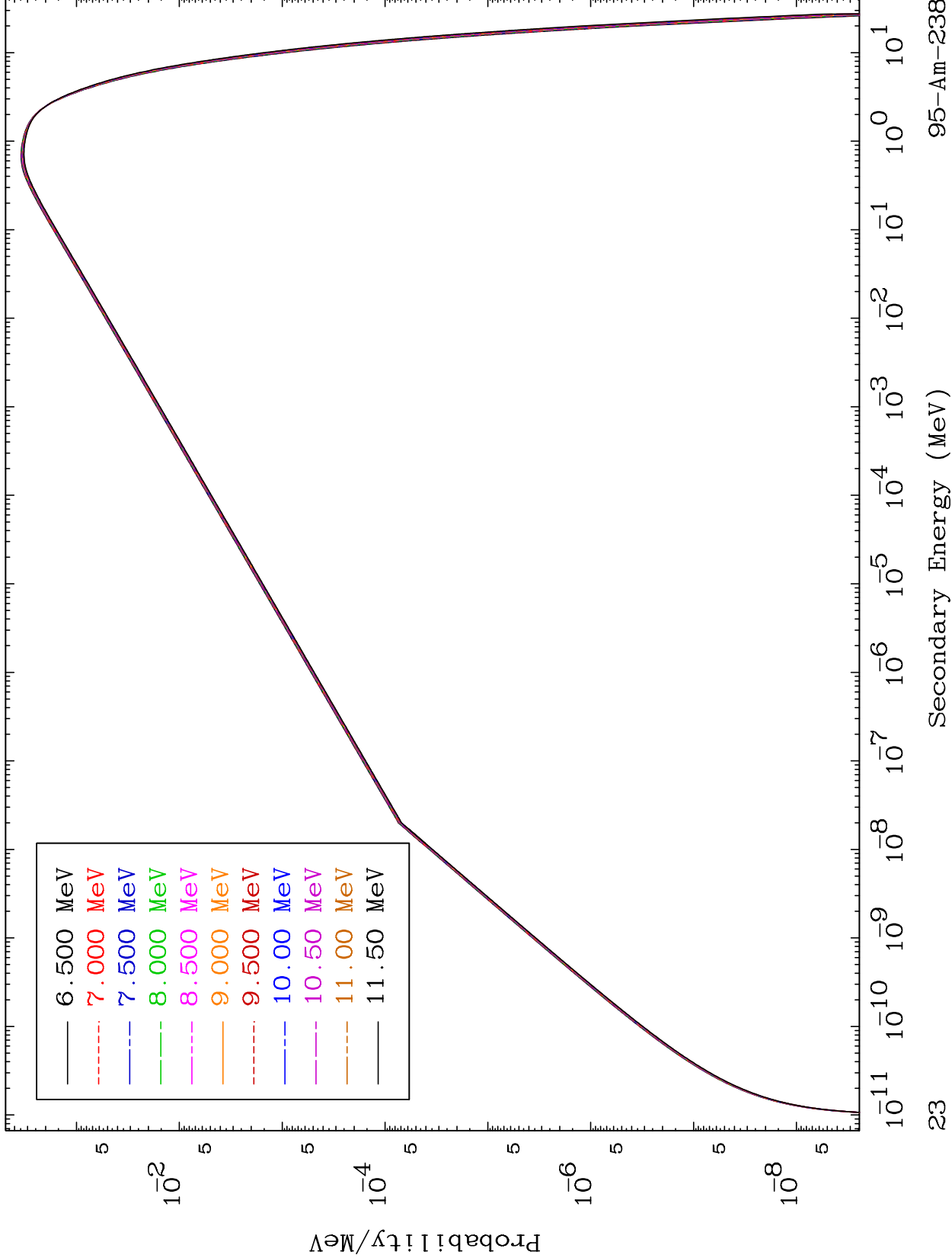
Secondary Energy (MeV)

22

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Fission Energy Distributions

95-Am-238

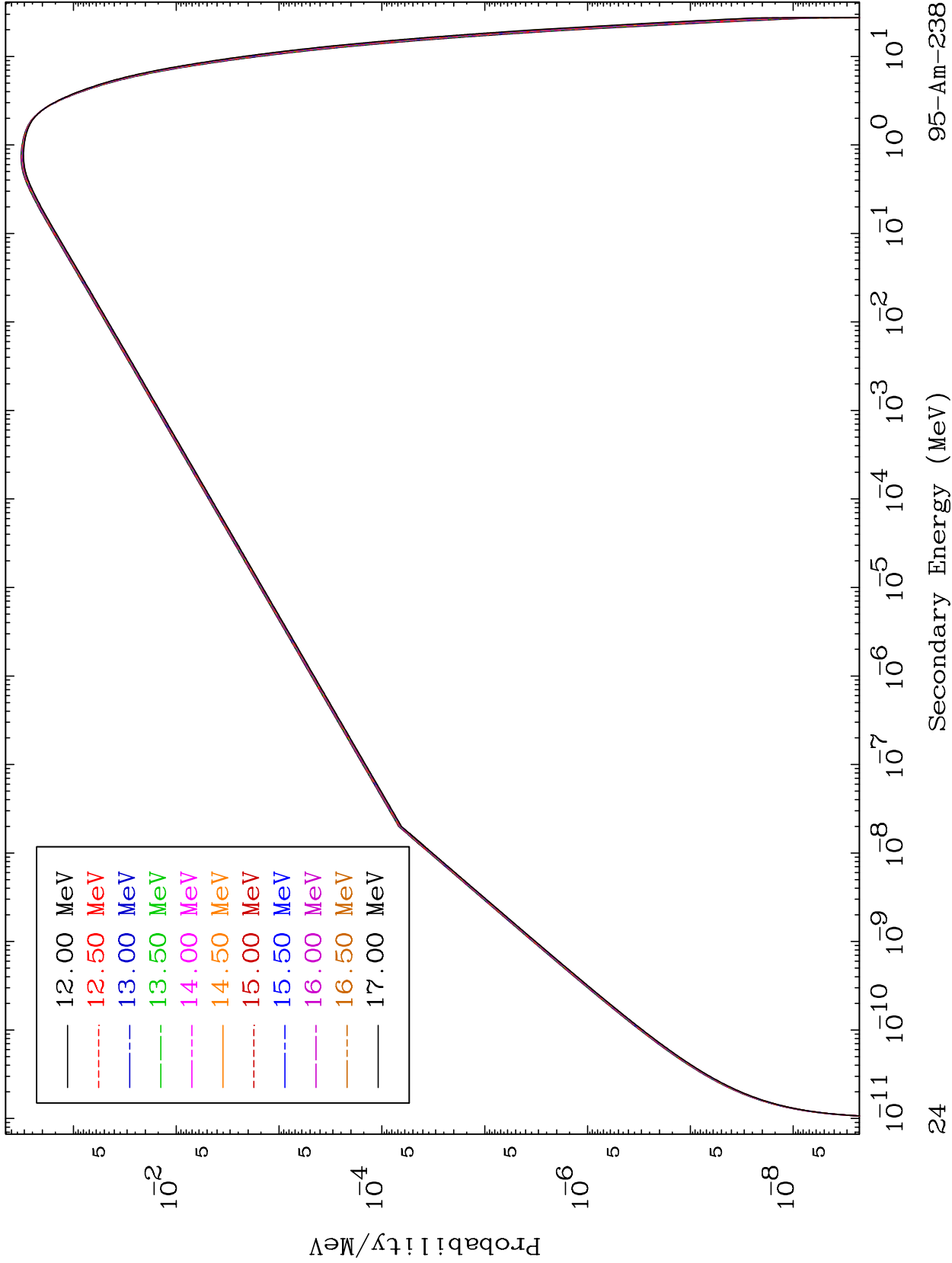


95-Am-238

Secondary Energy (MeV)

23

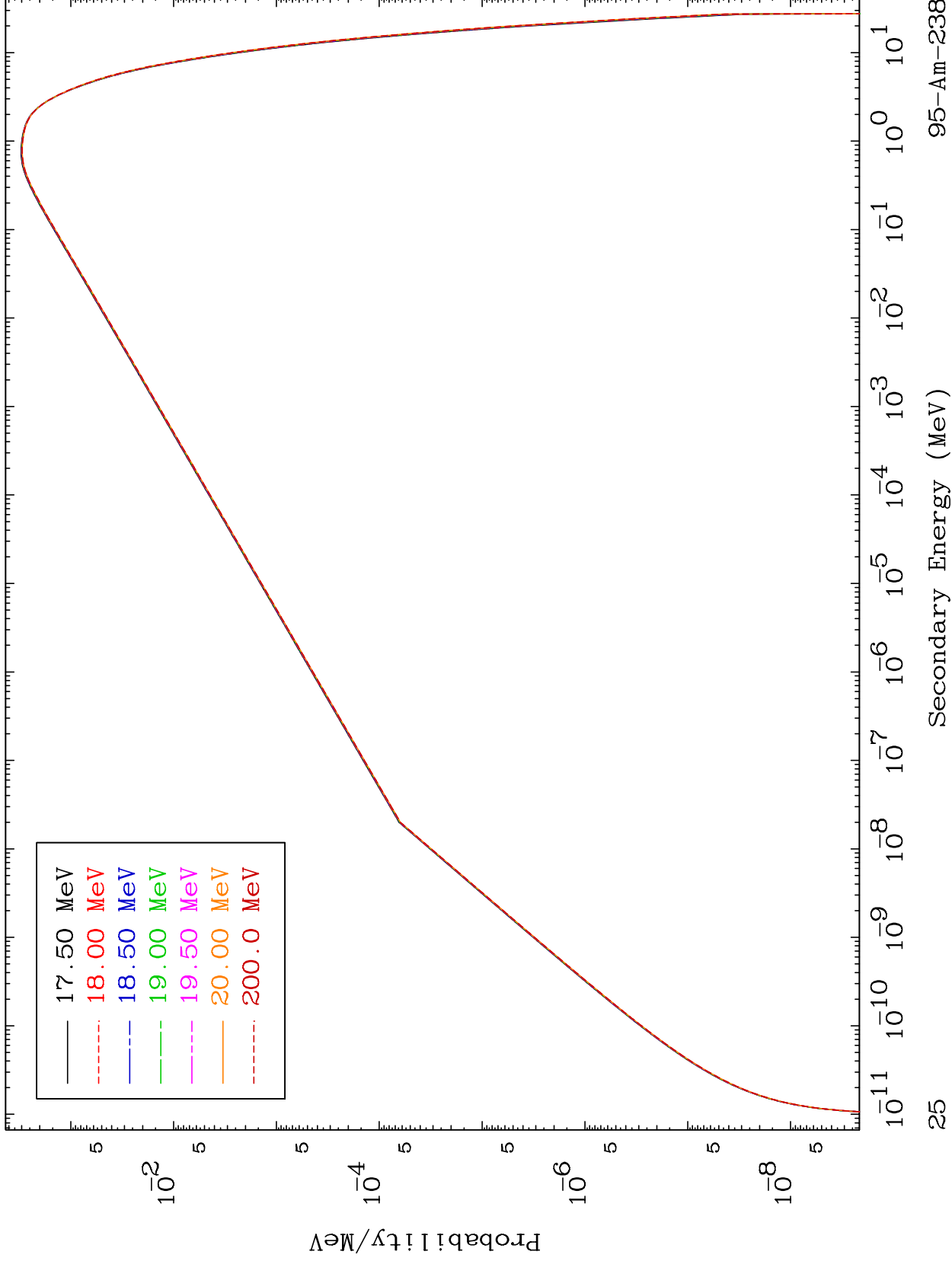
Fission Energy Distributions



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Fission Energy Distributions

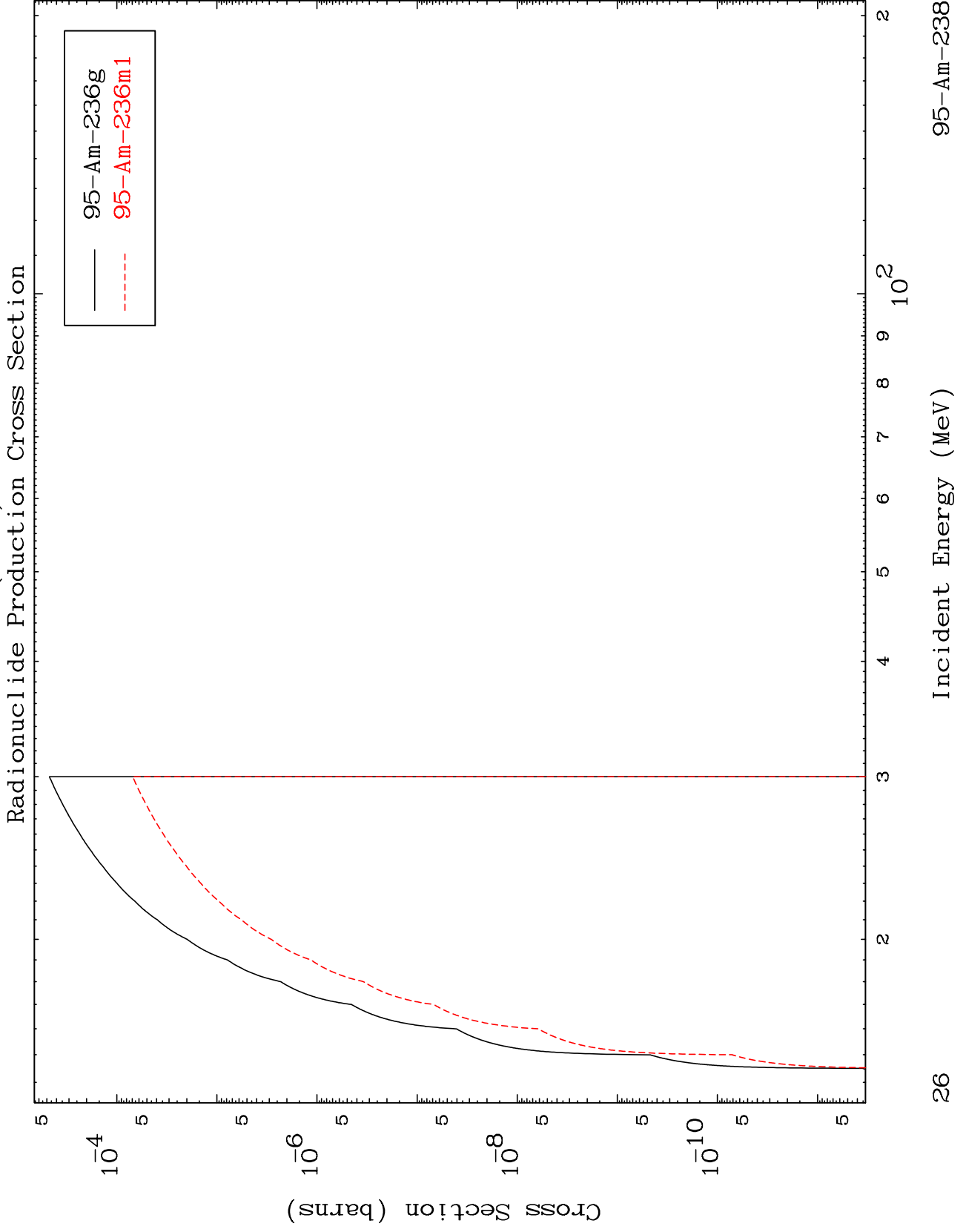
95-Am-238



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(n,3n)

95-Am-238



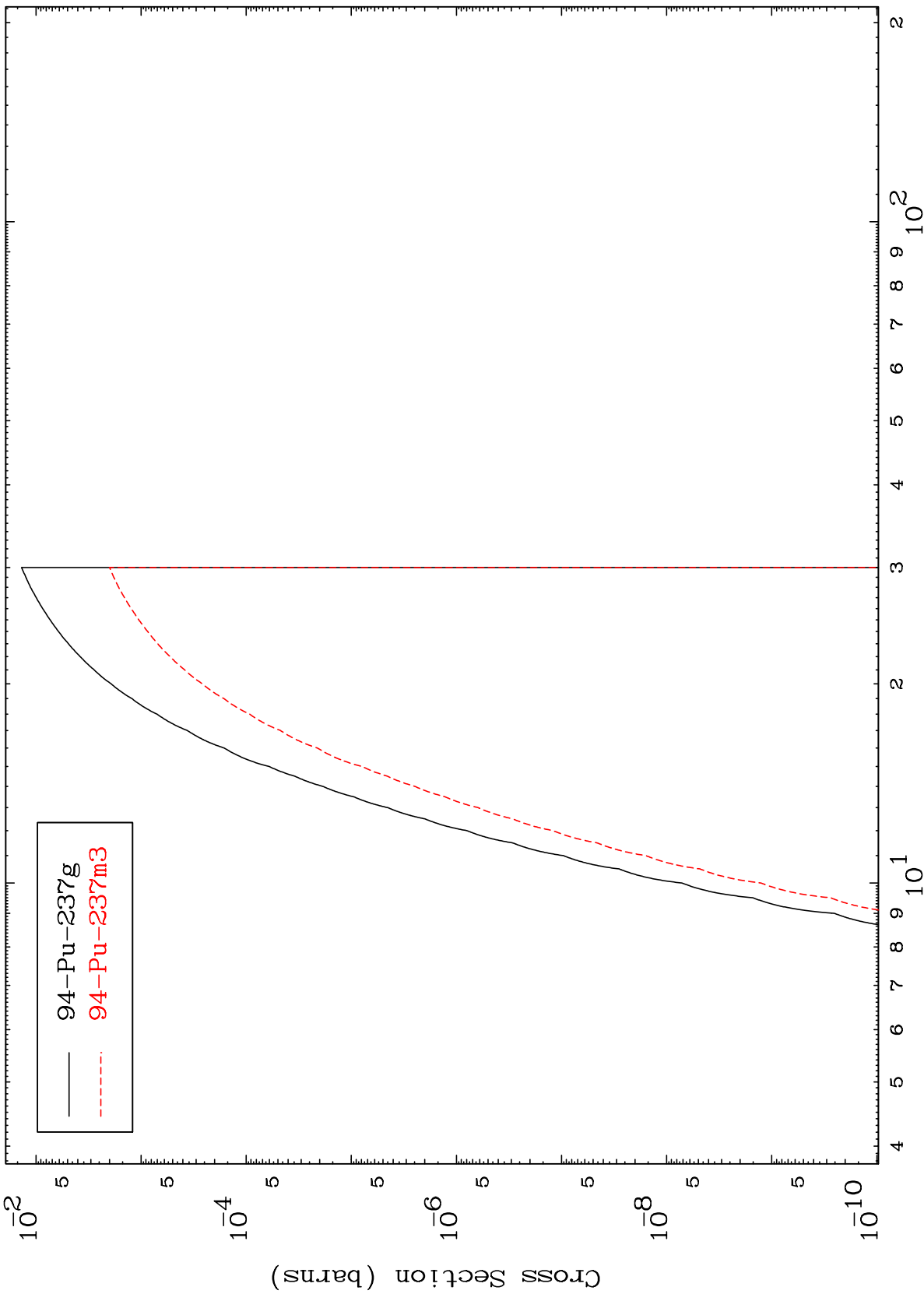
26

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(n,n') p

95-Am-238

Radionuclide Production Cross Section



Incident Energy (MeV)

95-Am-238

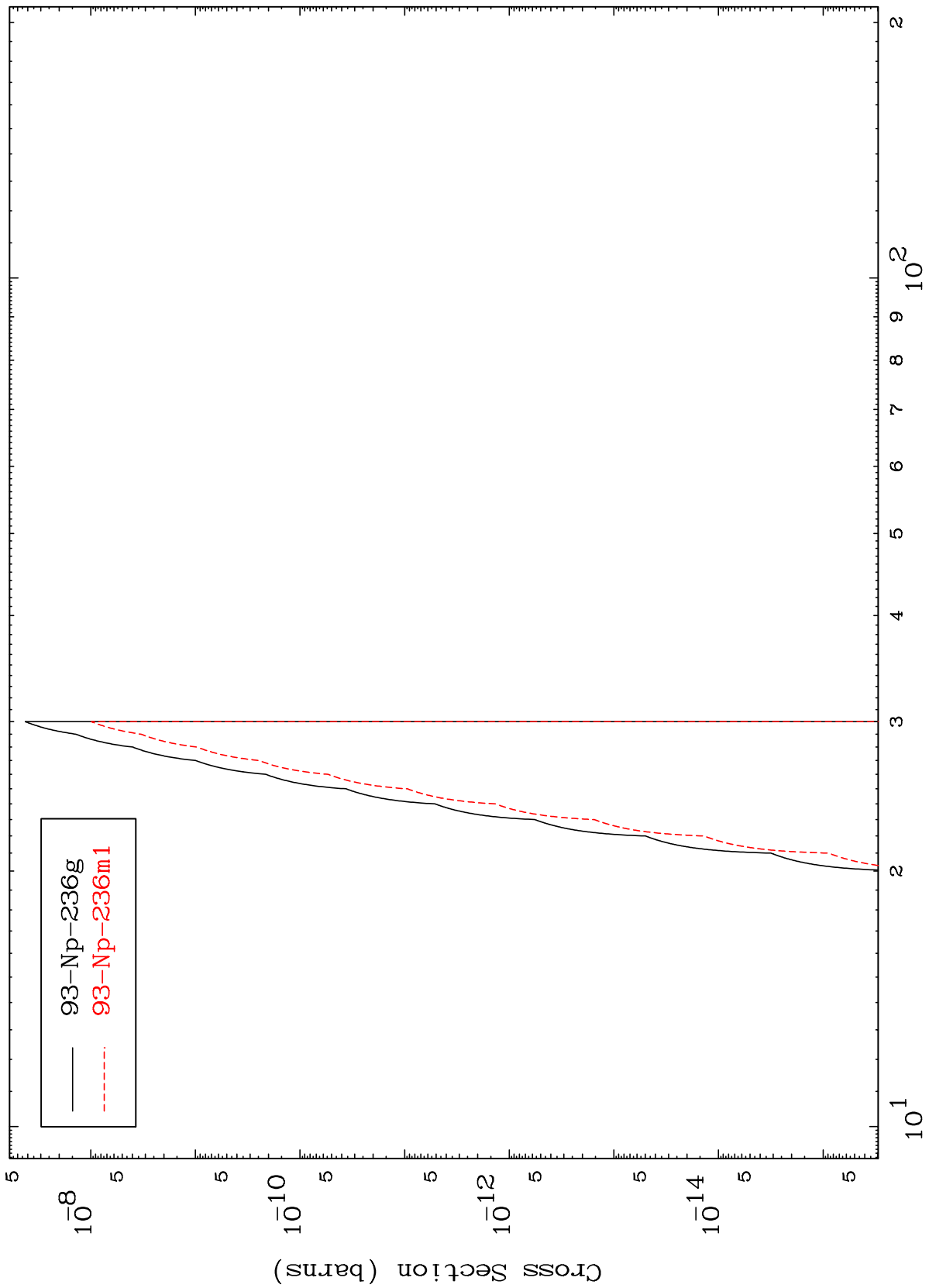
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MAT 9534

(n,2n) p

95-Am-238

Radionuclide Production Cross Section



93-Np-236g
93-Np-236m1

Incident Energy (MeV)

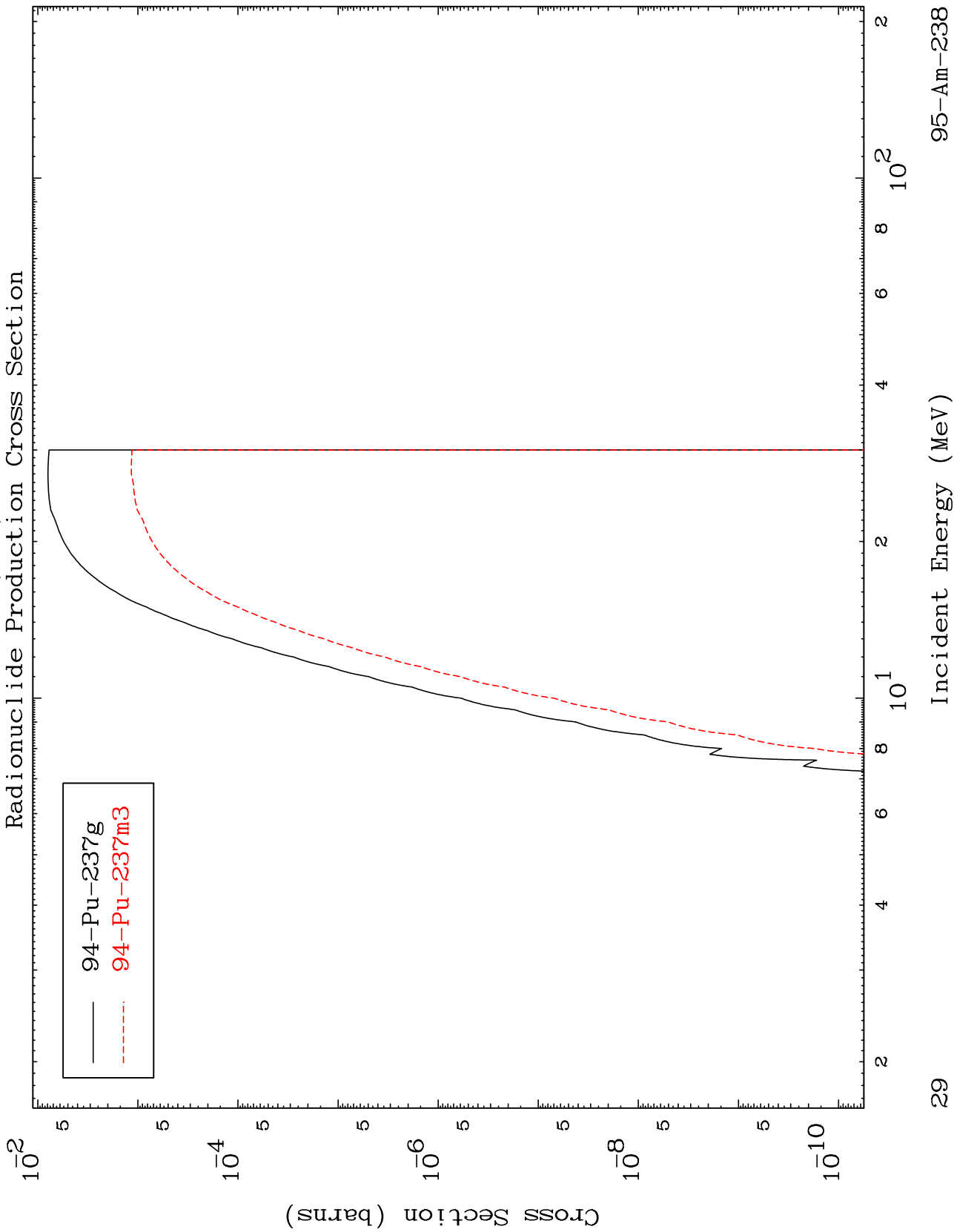
95-Am-238

28

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(n,d)

95-Am-238

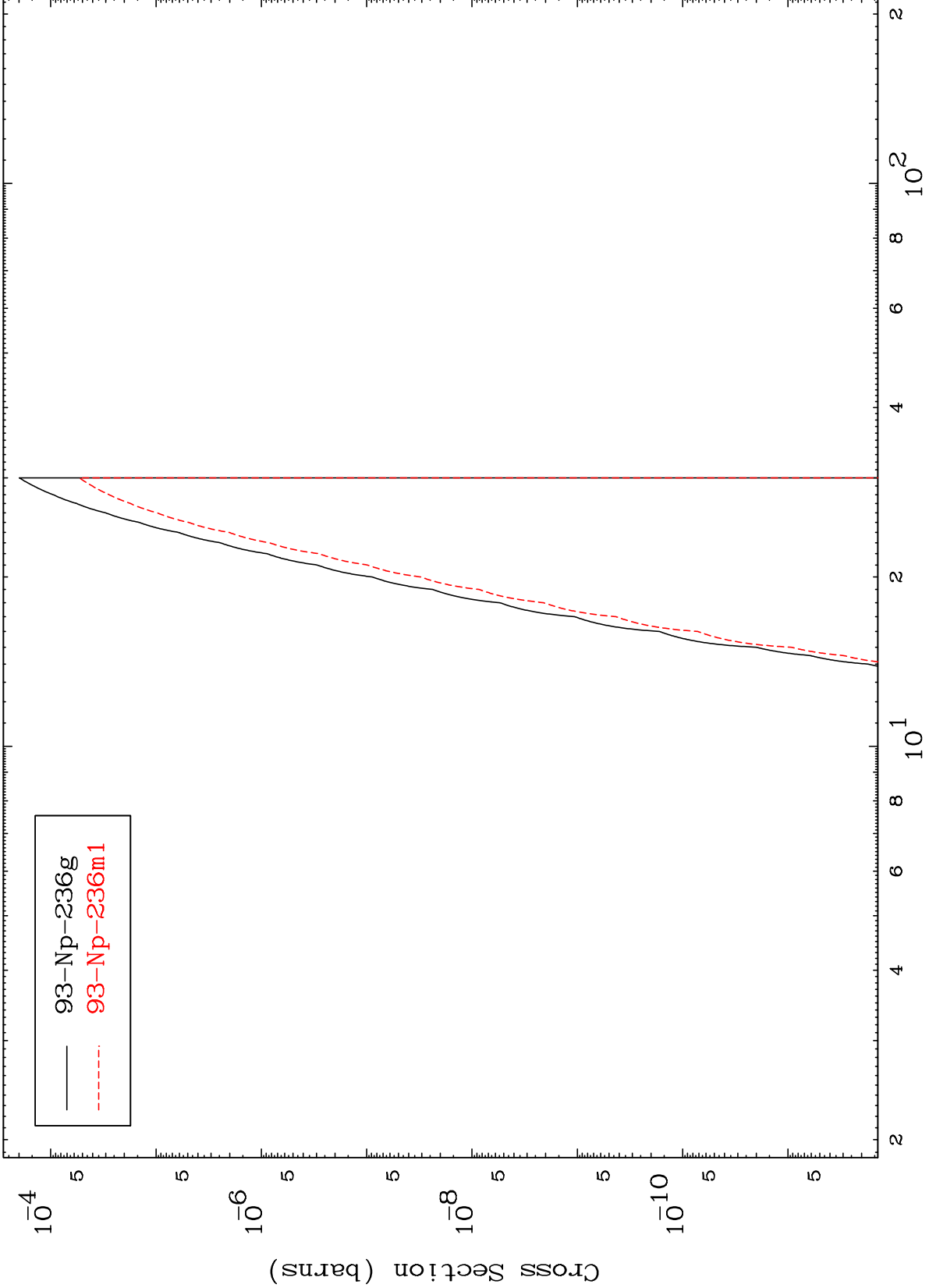


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(n,He-3)

95-Am-238

Radionuclide Production Cross Section



30

Incident Energy (MeV)

95-Am-238

Radionuclide Production Cross Section

