

Program EVALPLOT
(Version 2021-1)

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

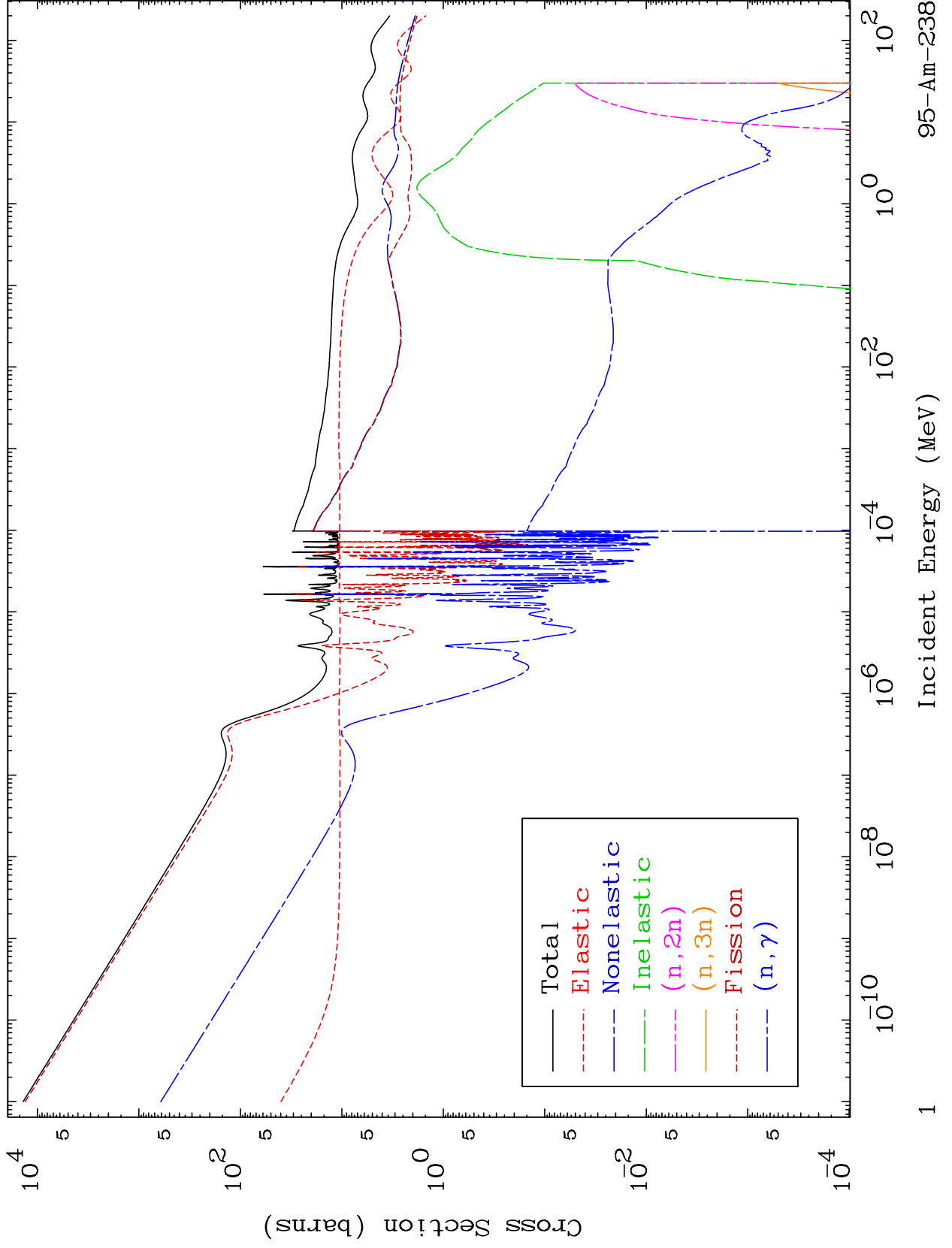
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9534

Neutron Major
293 Kelvin Cross Sections

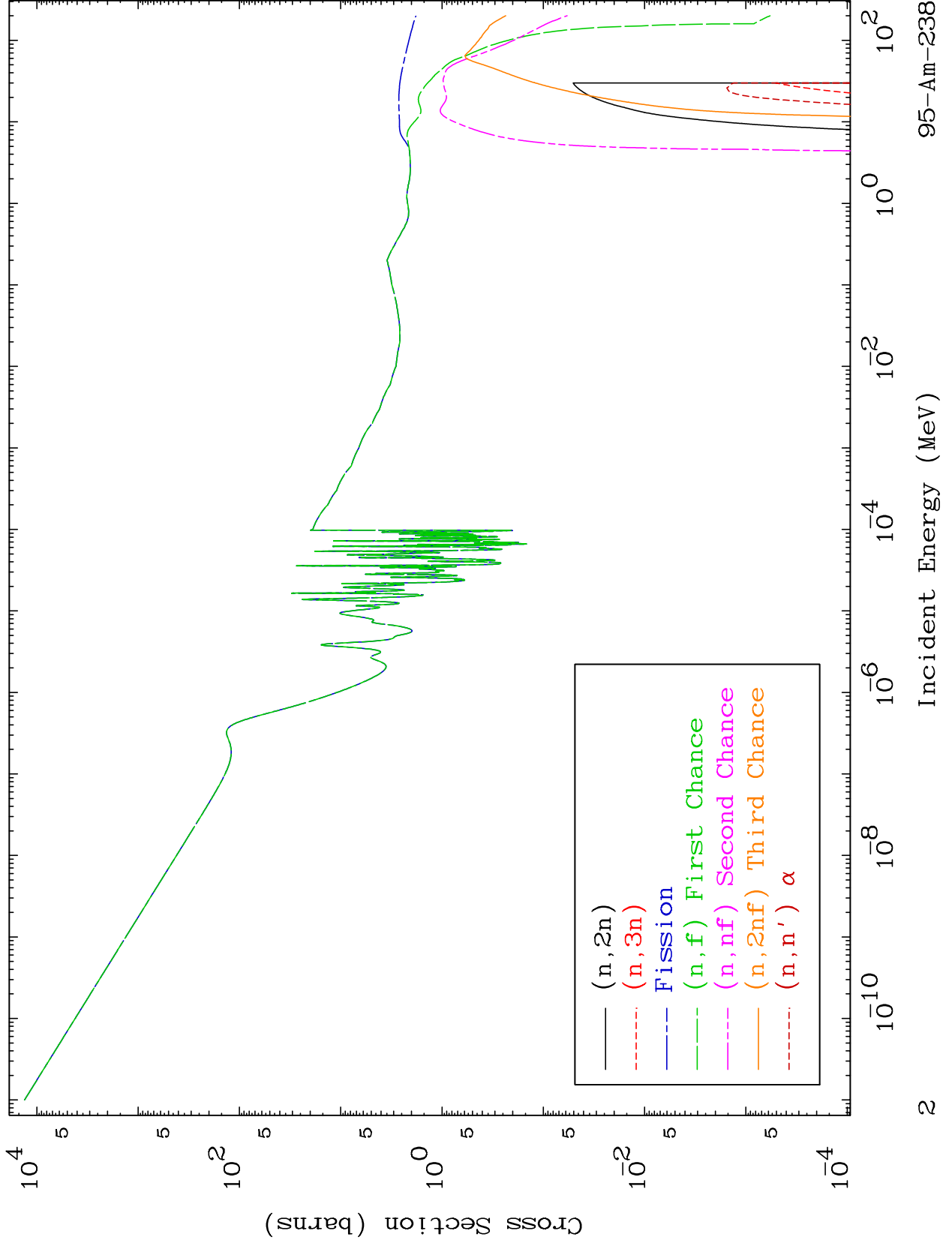
95-Am-238



MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

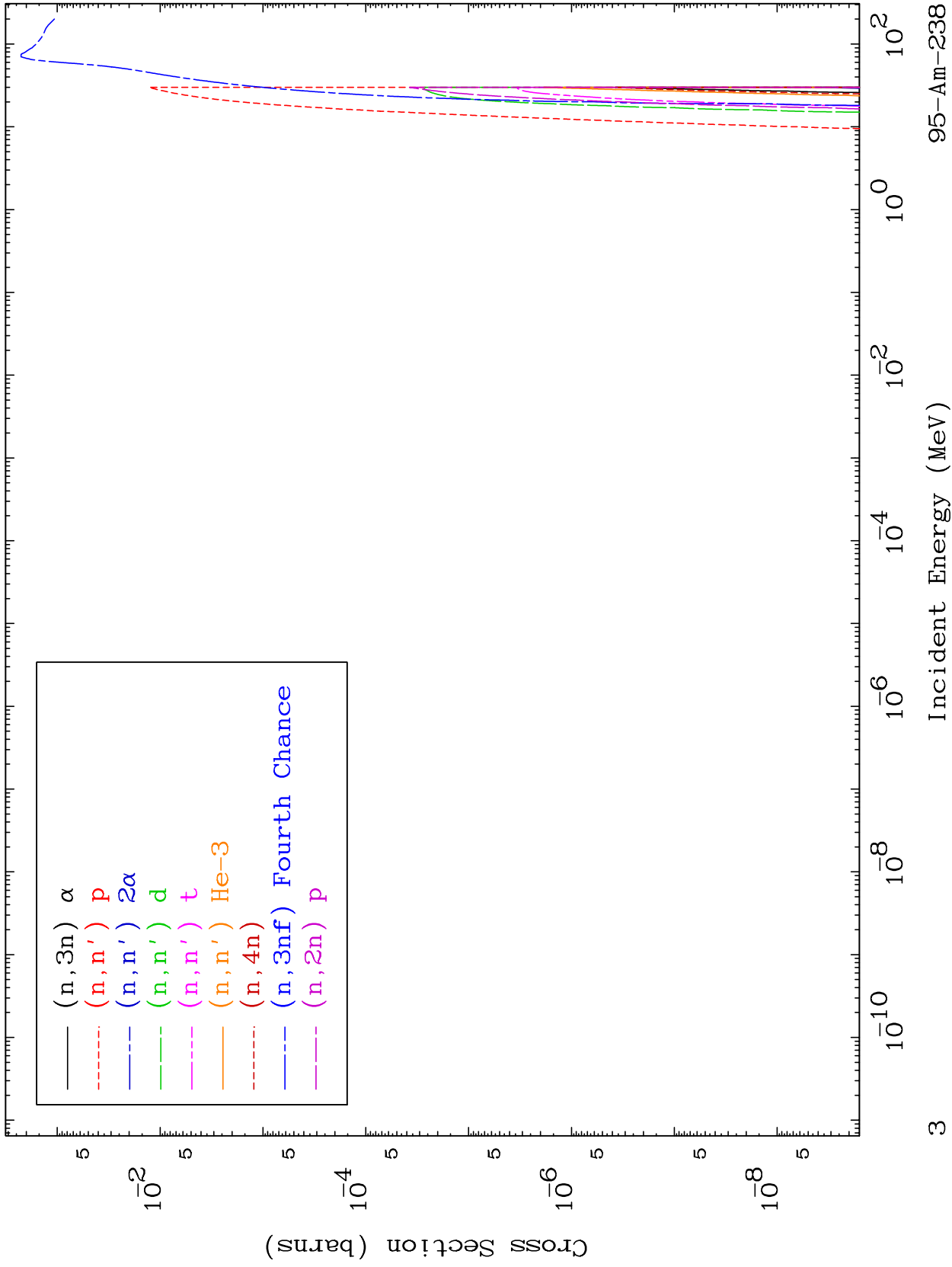
95-Am-238



MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

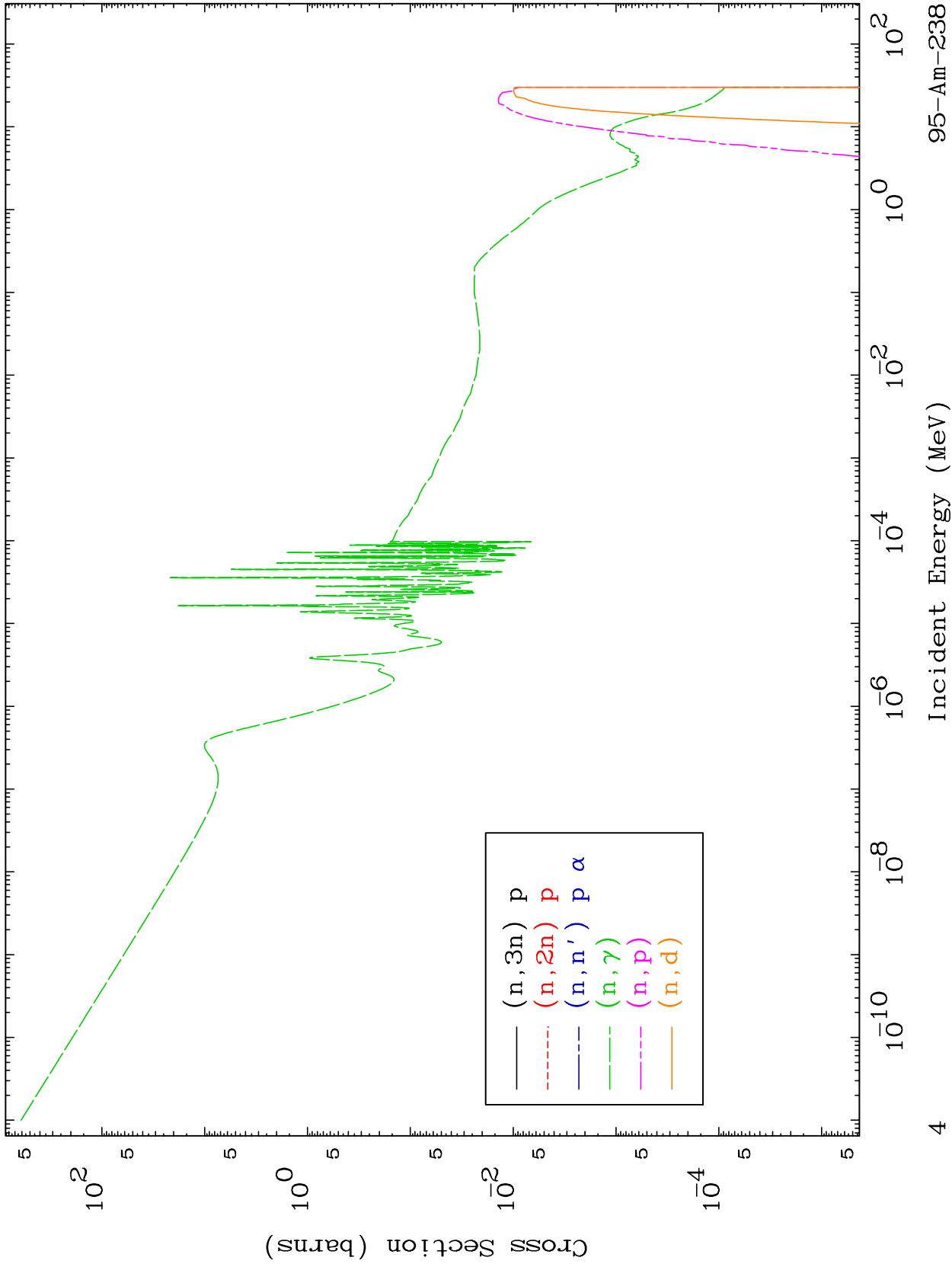
95-Am-238

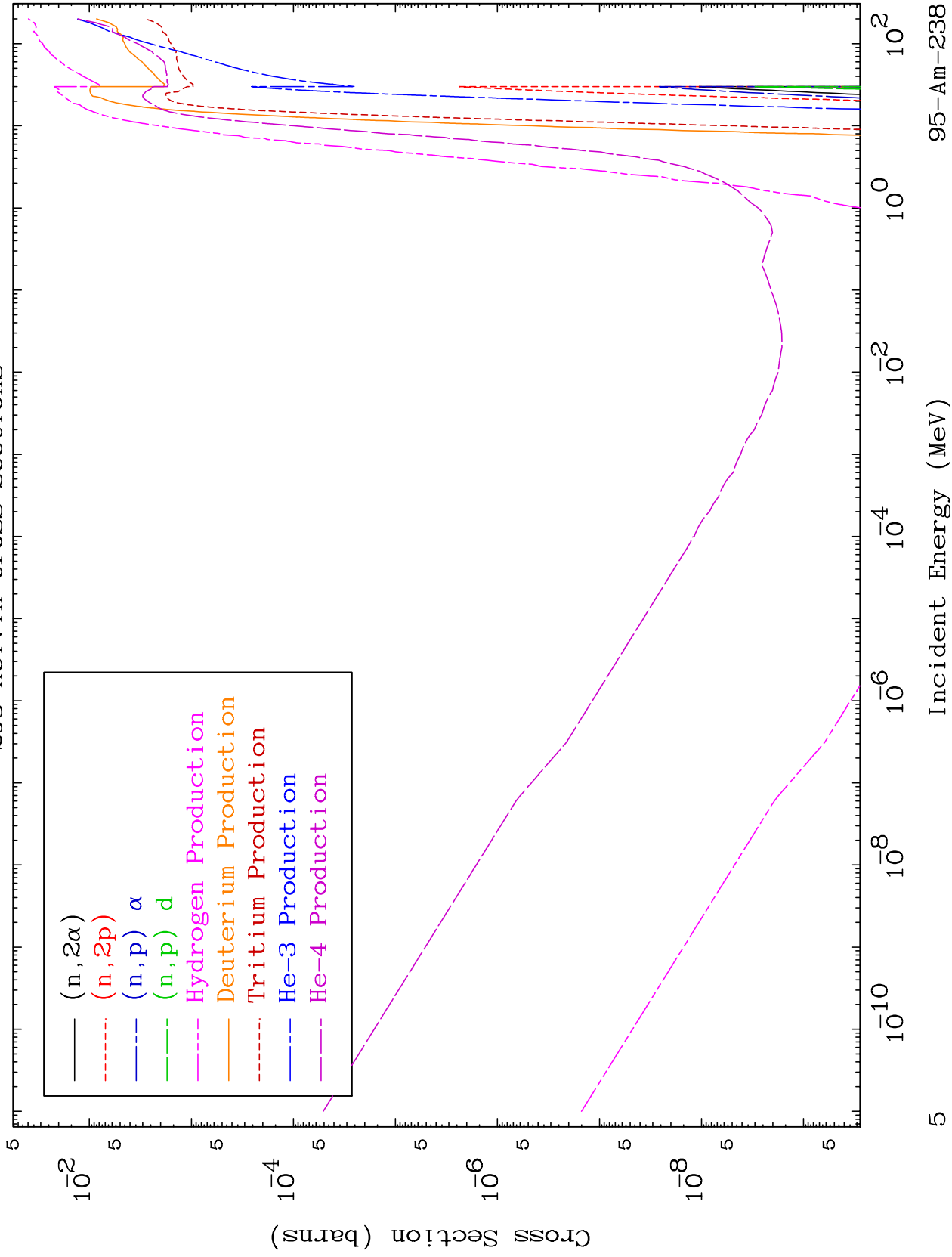


MAT 9534

Neutron Absorption
293 Kelvin Cross Sections

95-Am-238

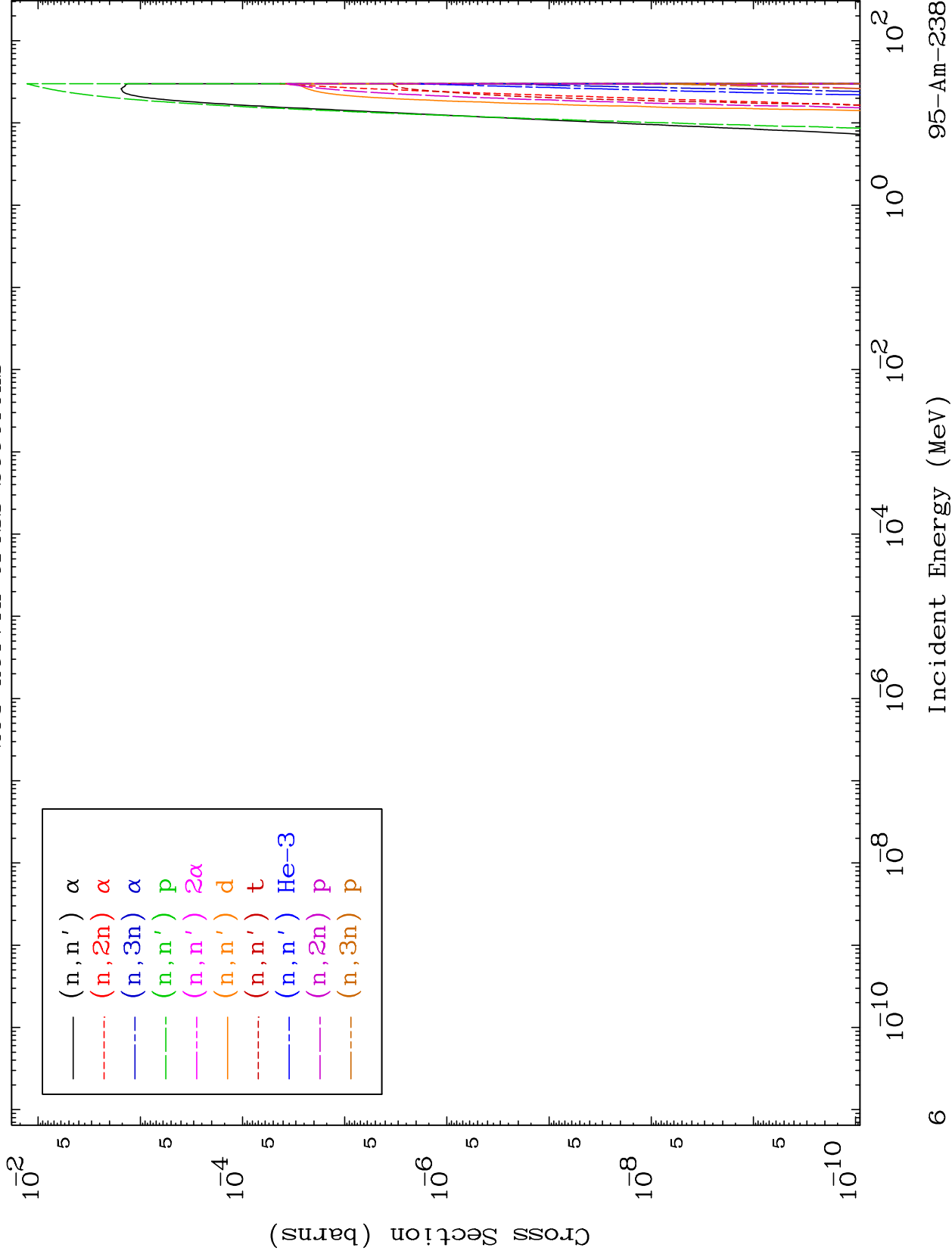




MAT 9534

Charged Particle
293 Kelvin Cross Sections

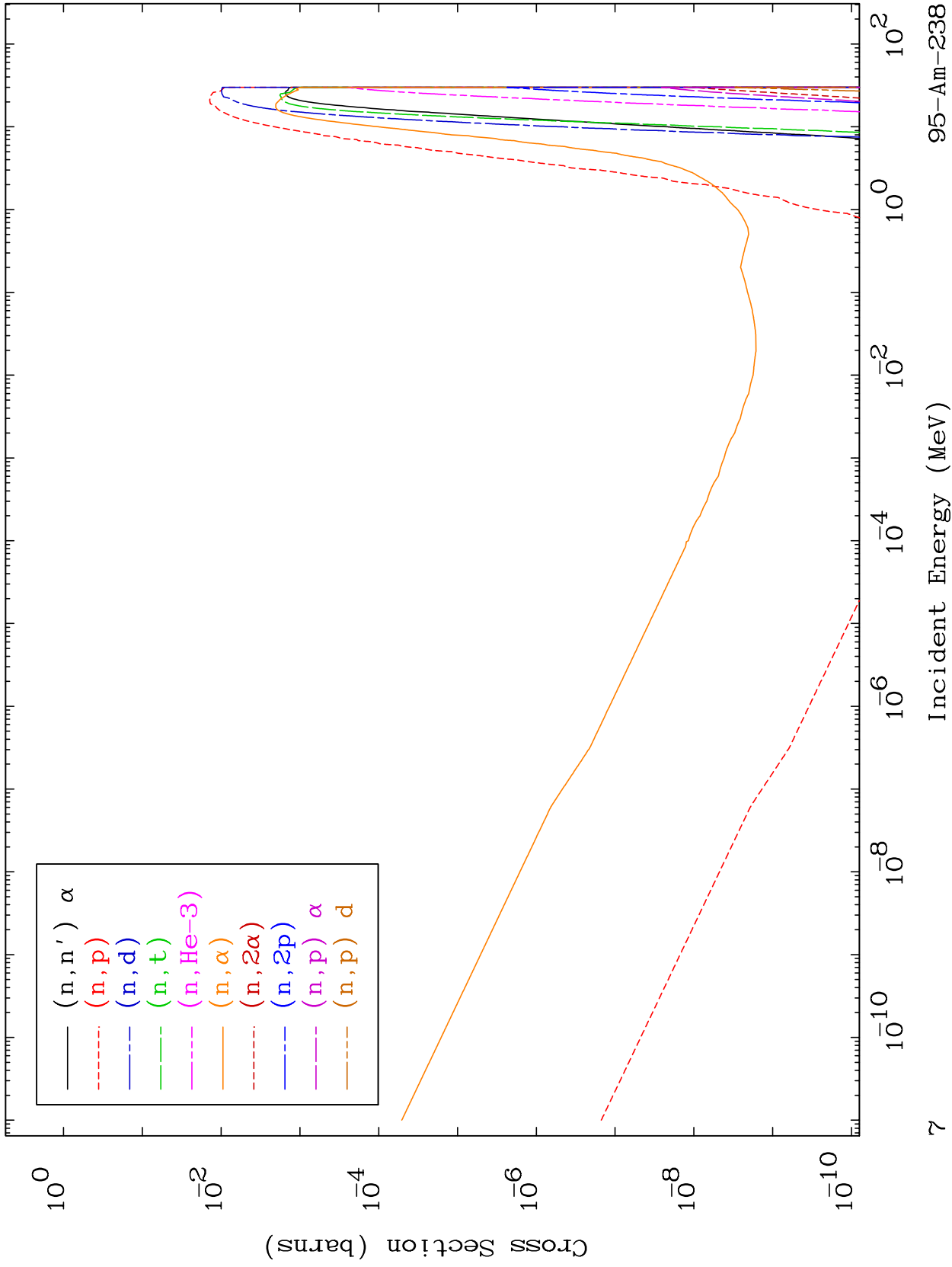
95-Am-238



MAT 9534

Charged Particle
293 Kelvin Cross Sections

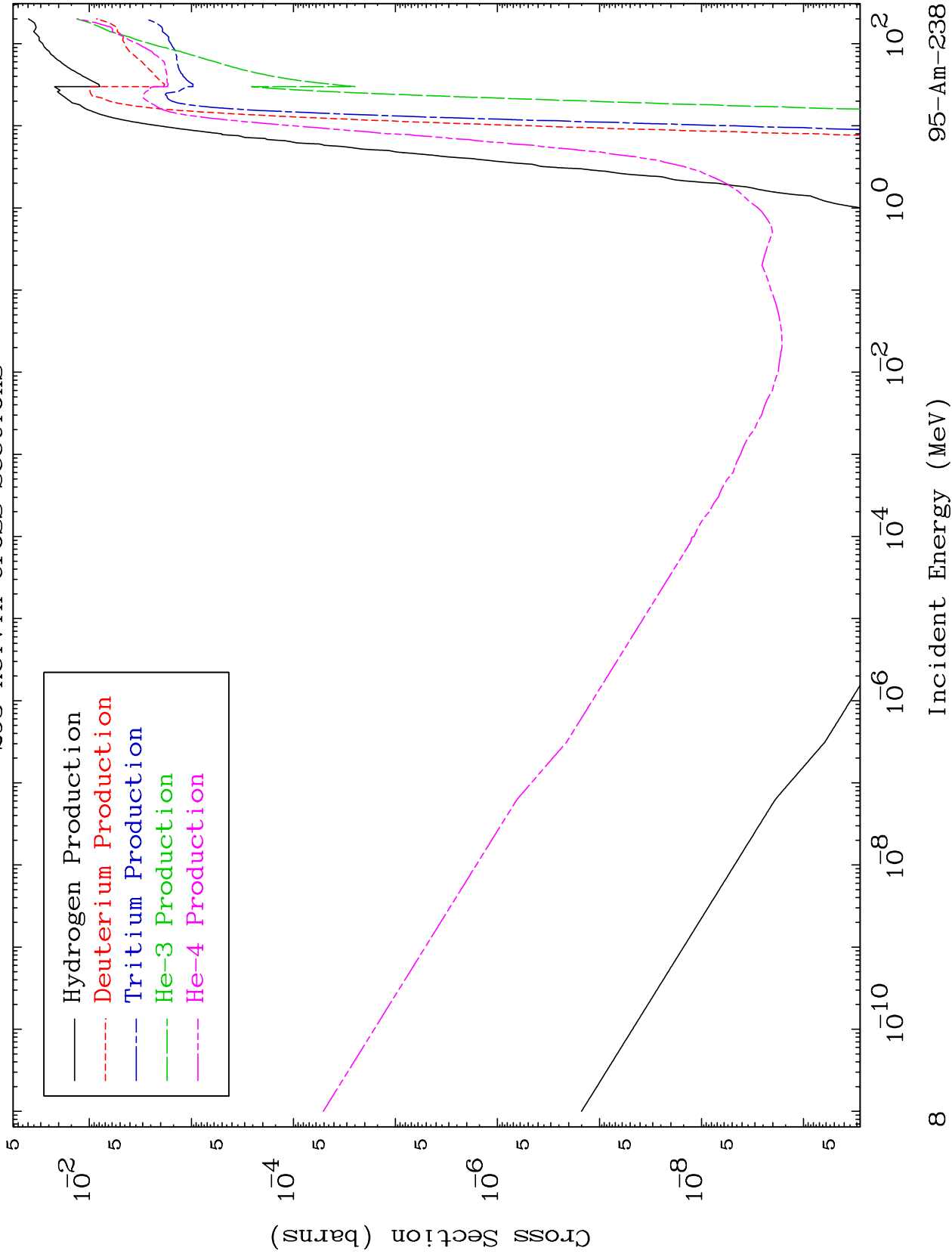
95-Am-238



MAT 9534

Particle Production
293 Kelvin Cross Sections

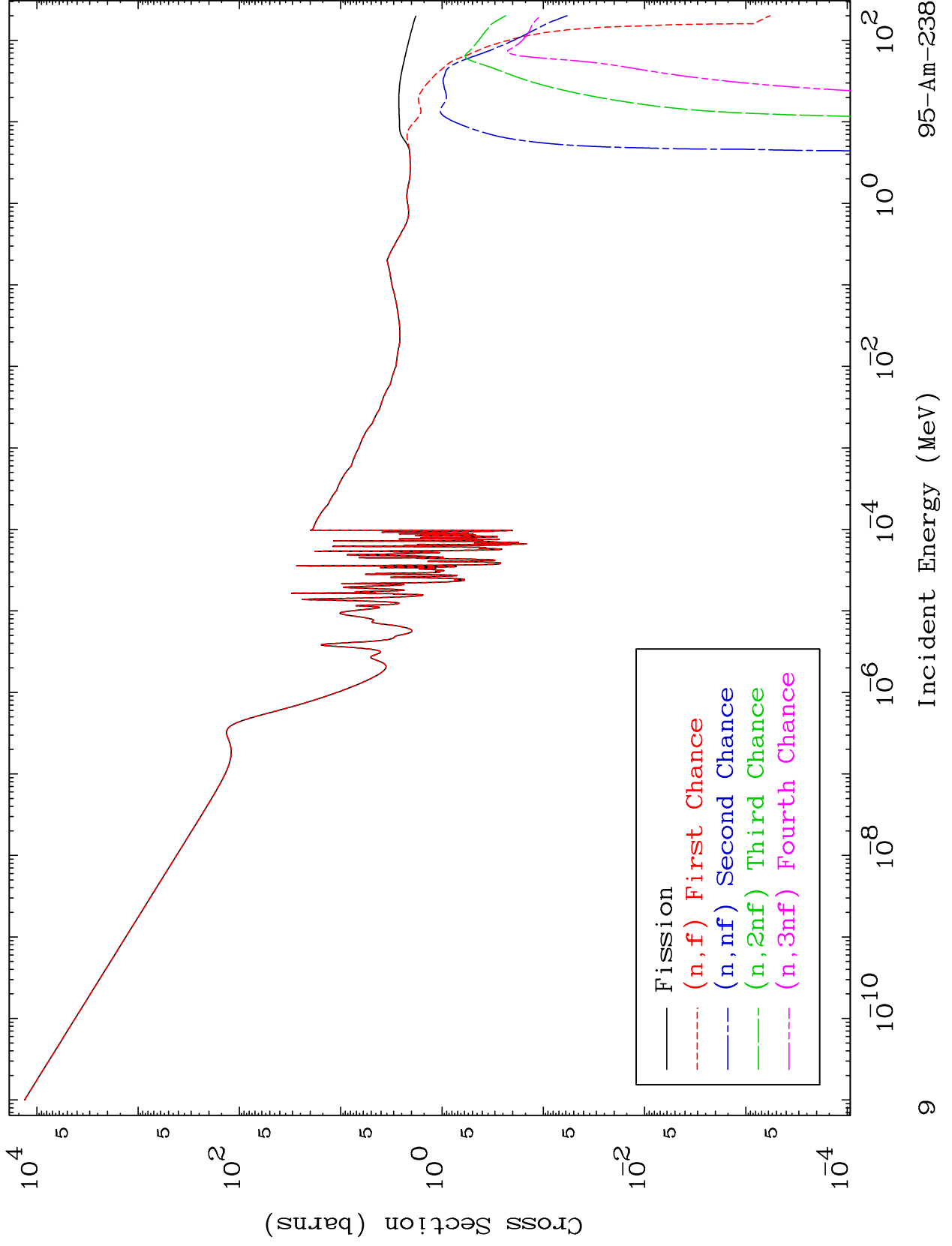
95-Am-238



MAT 9534

Fission
293 Kelvin Cross Sections

95-Am-238

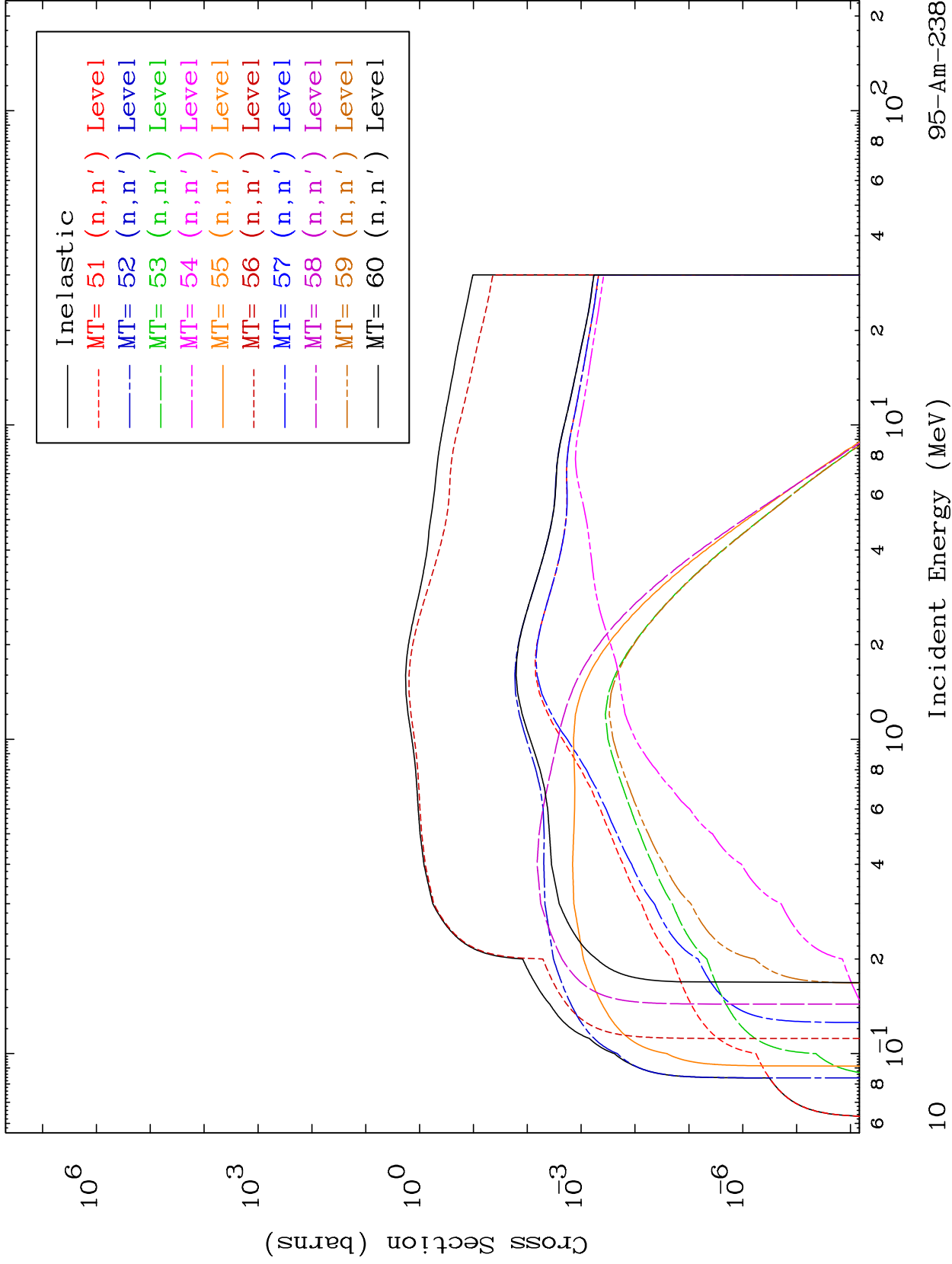


MAT 9534

(n,n') Levels

95-Am-238

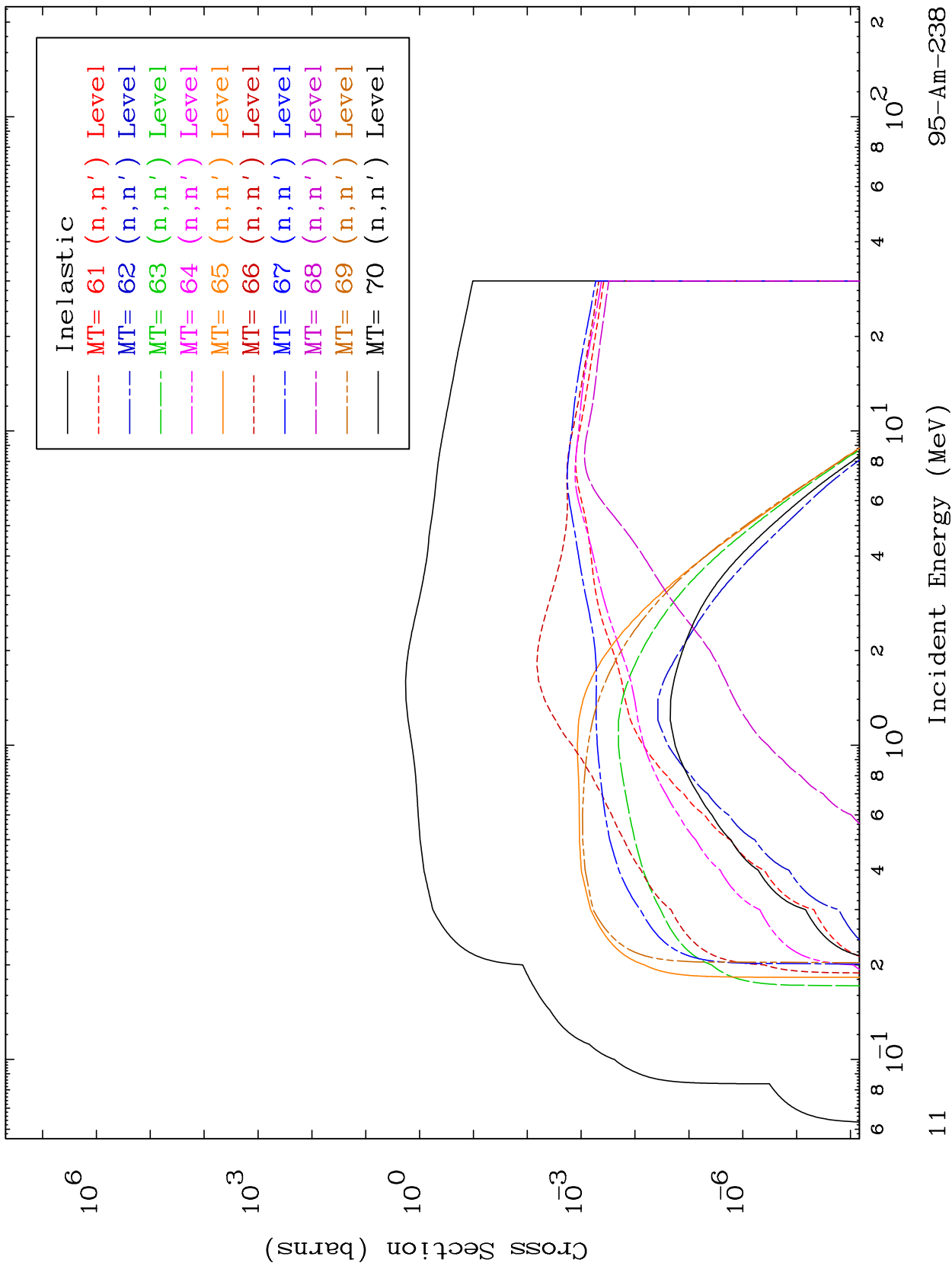
293 Kelvin Cross Sections



10

Incident Energy (MeV)

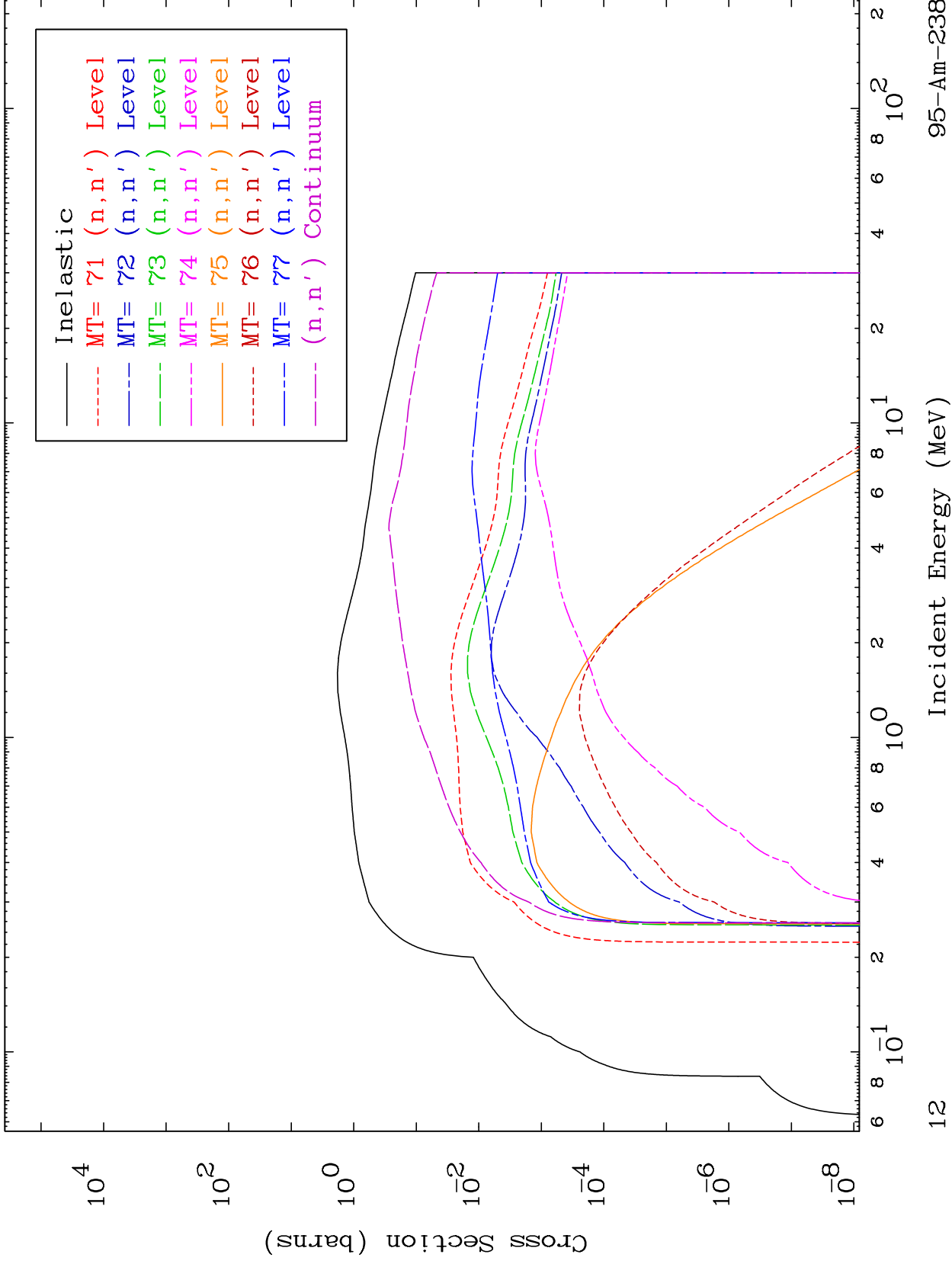
95-Am-238



MAT 9534

(n,n') Levels
293 Kelvin Cross Sections

95-Am-238



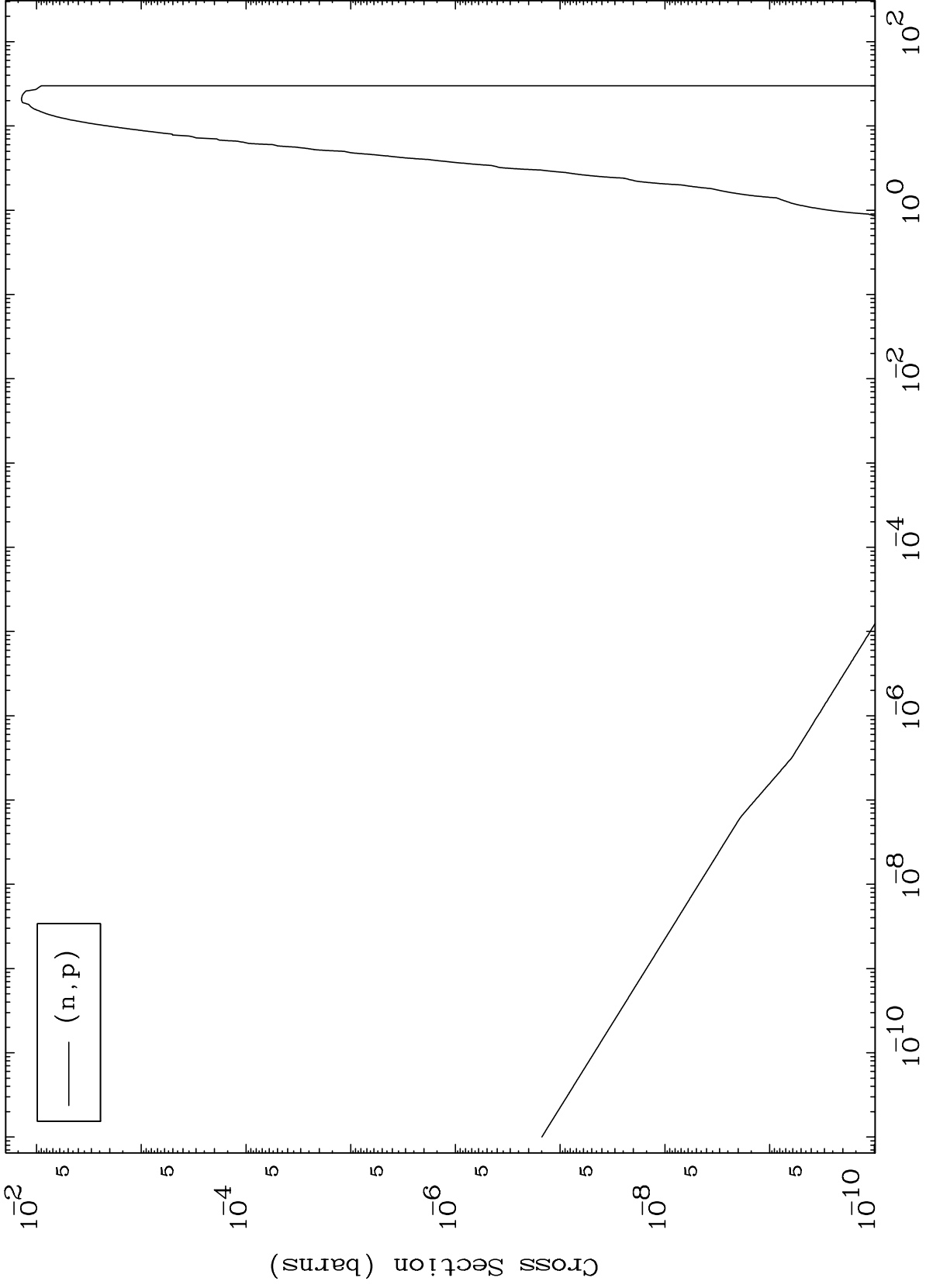
12

95-Am-238

MAT 9534

(n,p) Levels
293 Kelvin Cross Sections

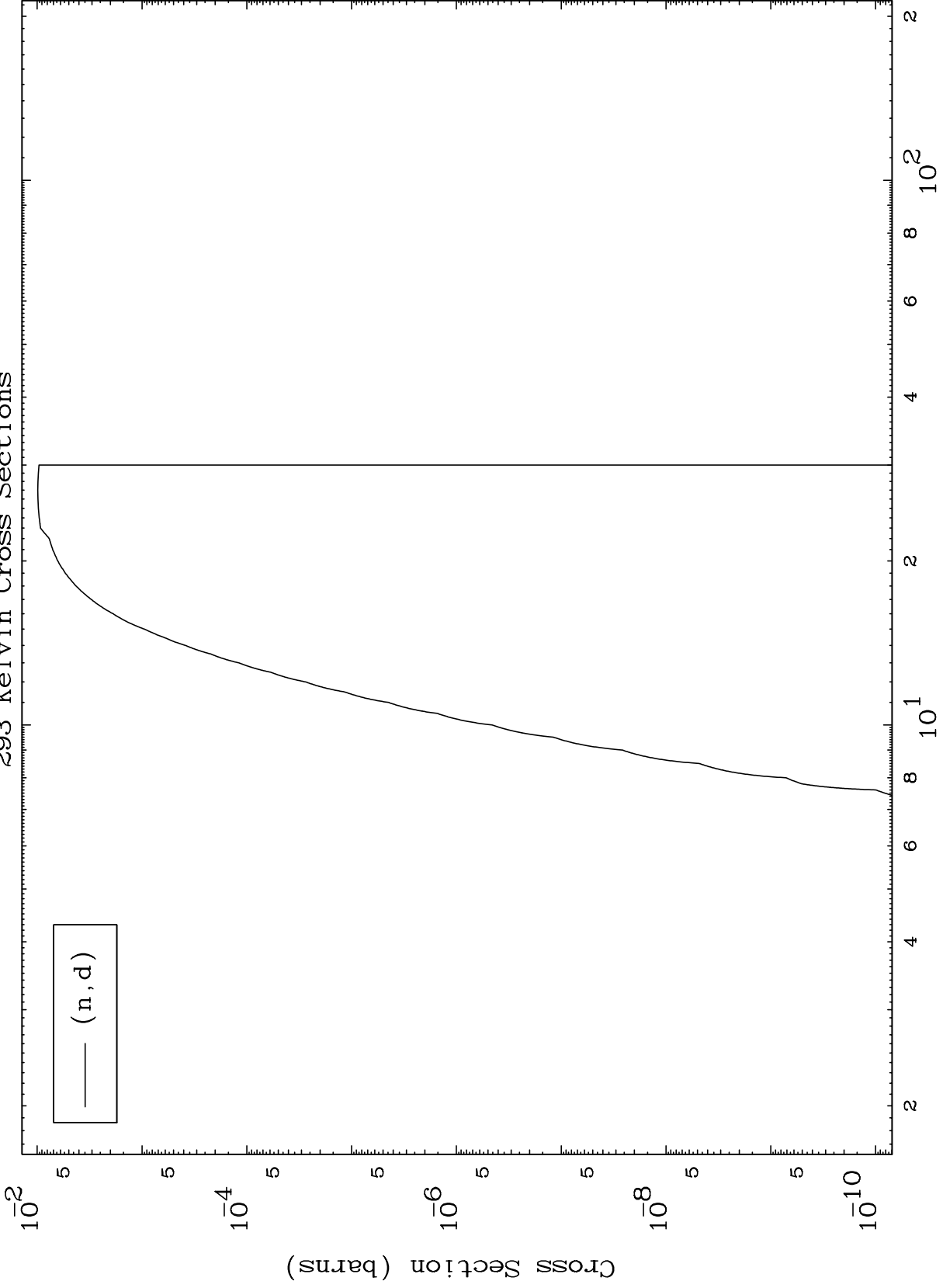
95-Am-238



MAT 9534

(n,d) Levels
293 Kelvin Cross Sections

95-Am-238



14

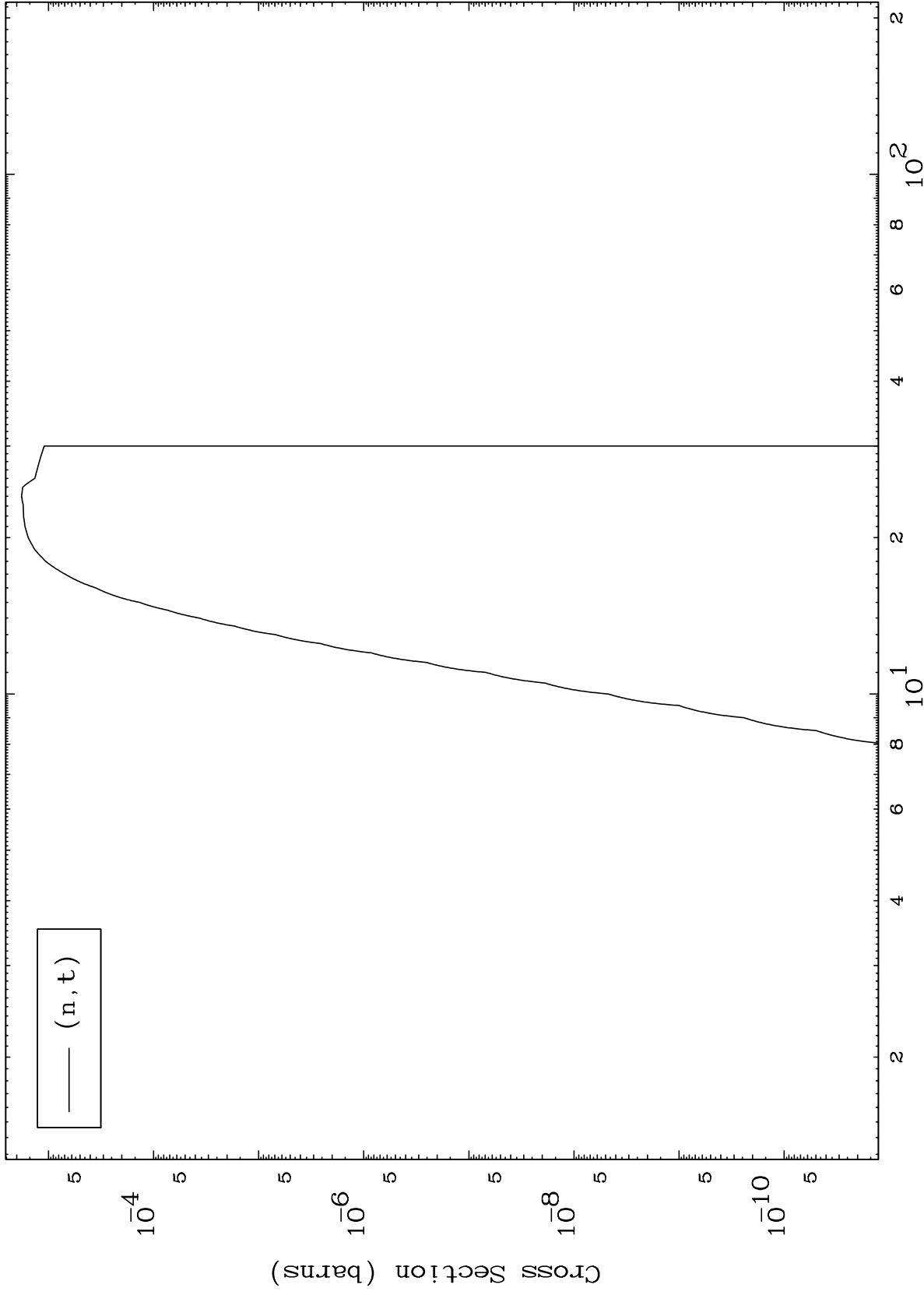
Incident Energy (MeV)

95-Am-238

MAT 9534

(n,t) Levels
293 Kelvin Cross Sections

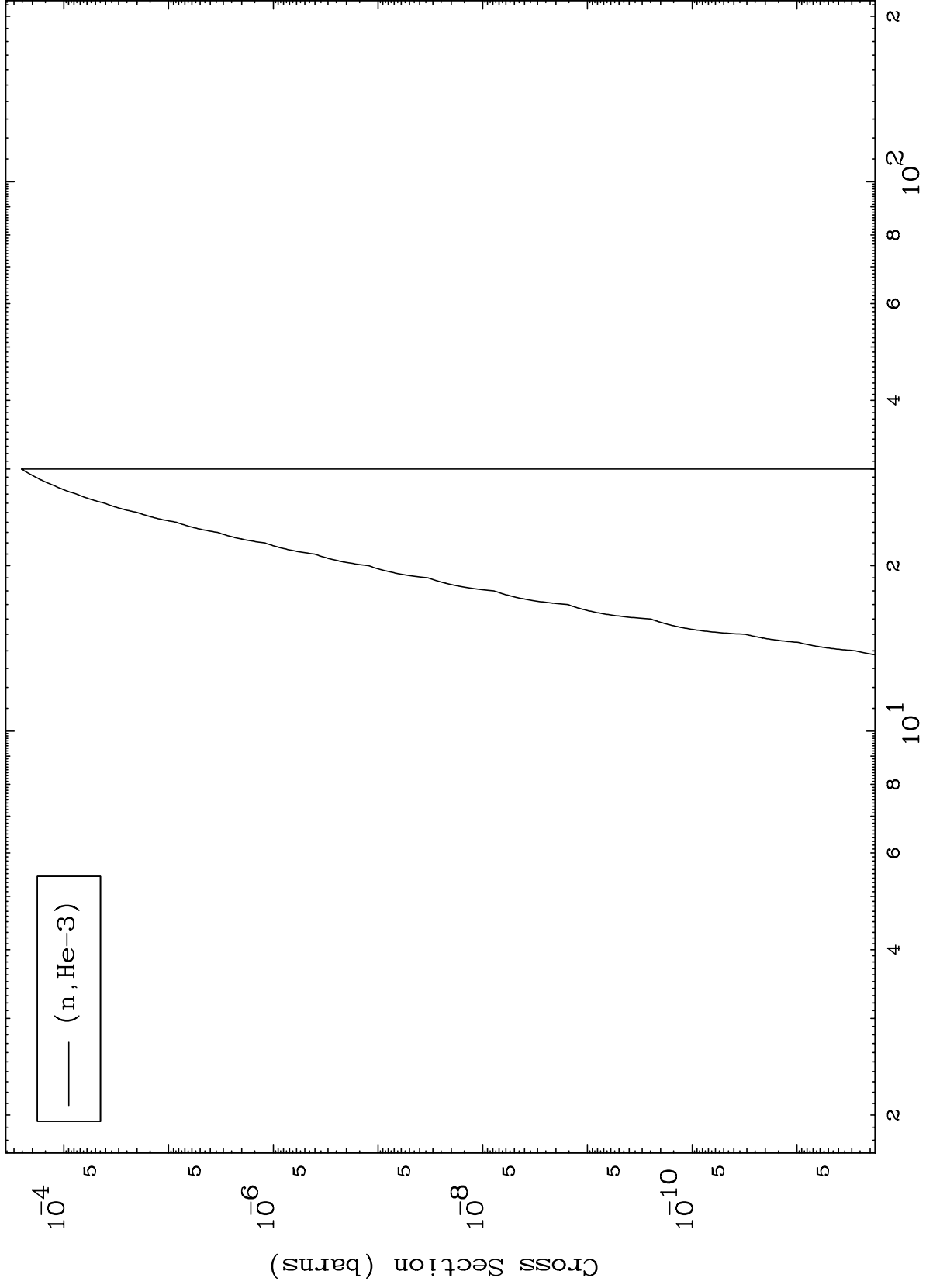
95-Am-238



MAT 9534

(n,He3) Levels
293 Kelvin Cross Sections

95-Am-238



16

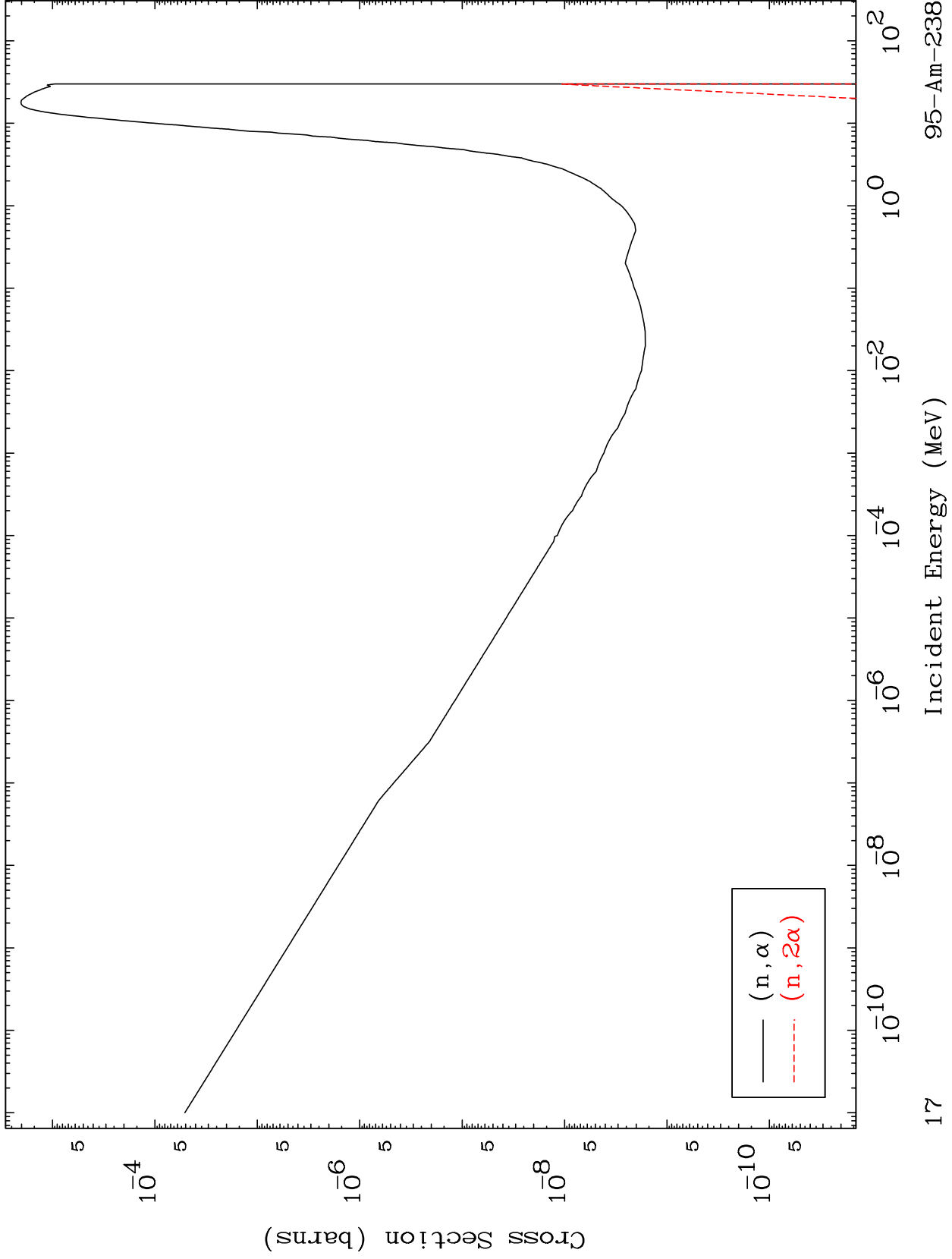
Incident Energy (MeV)

95-Am-238

MAT 9534

(n, α) Levels
293 Kelvin Cross Sections

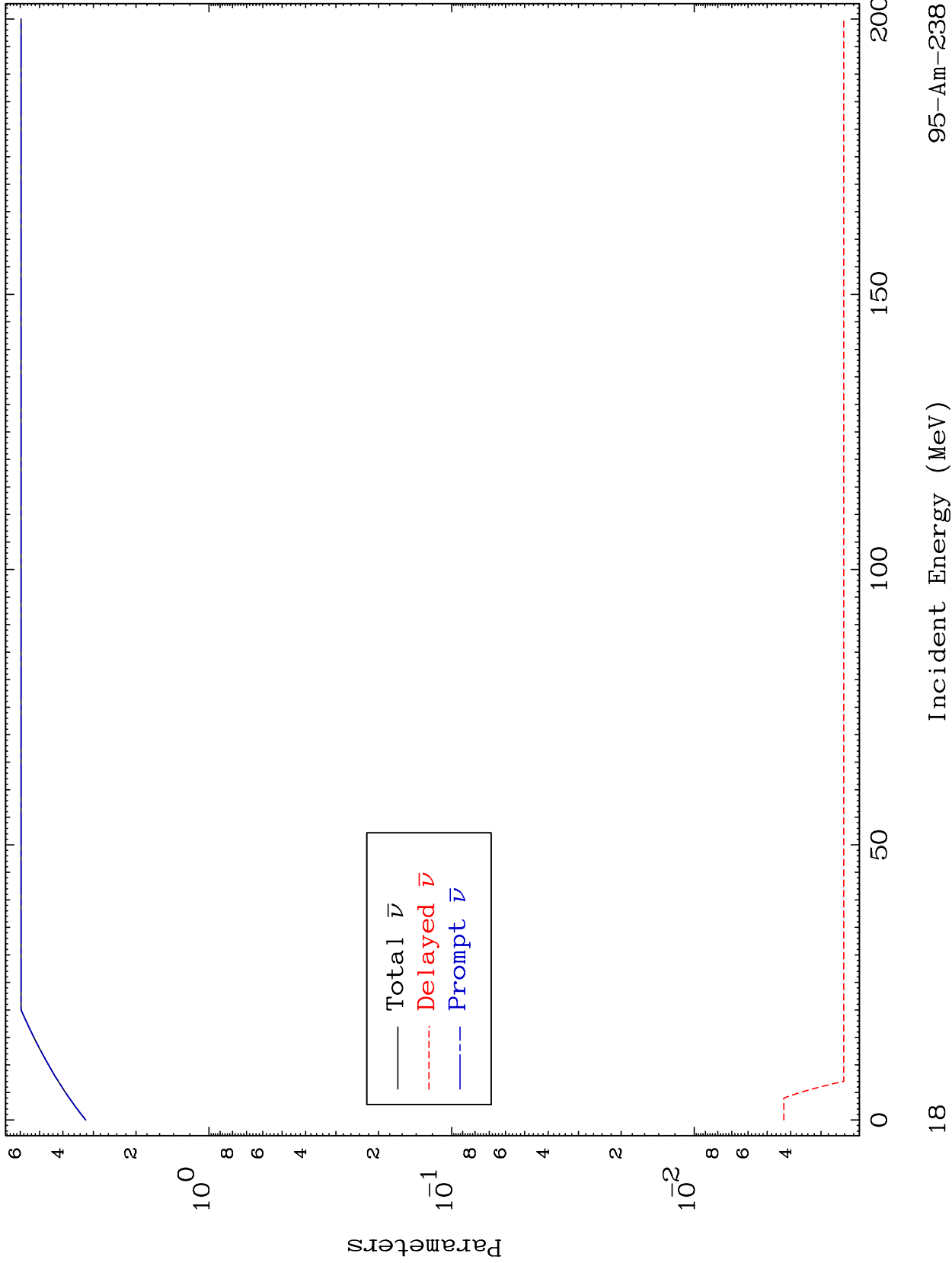
95-Am-238



MAT 9534

Energy Release
Parameters

95-Am-238



18

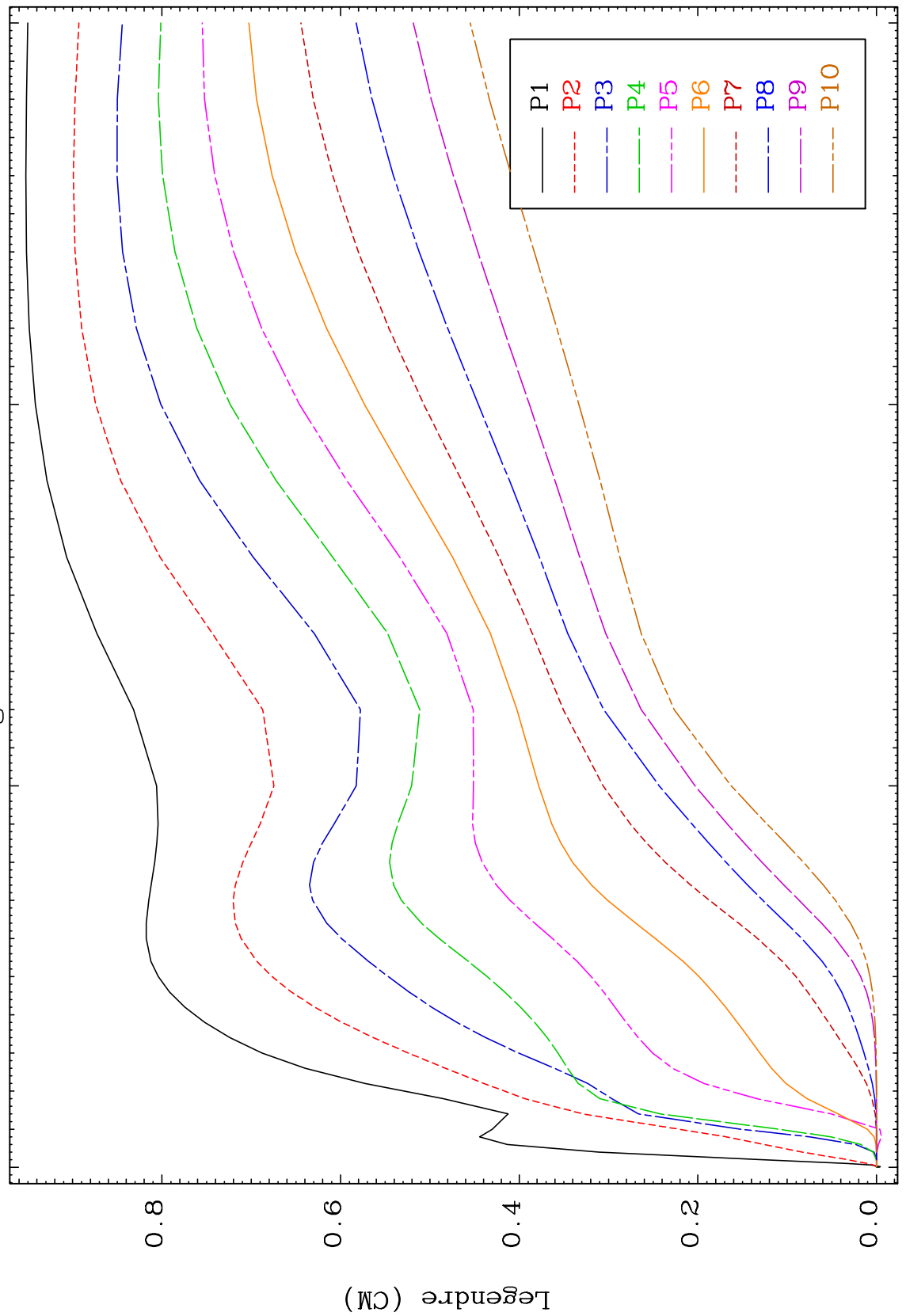
Incident Energy (MeV)

95-Am-238

MAT 9534

95-Am-238

Elastic Legendre Coefficients



19

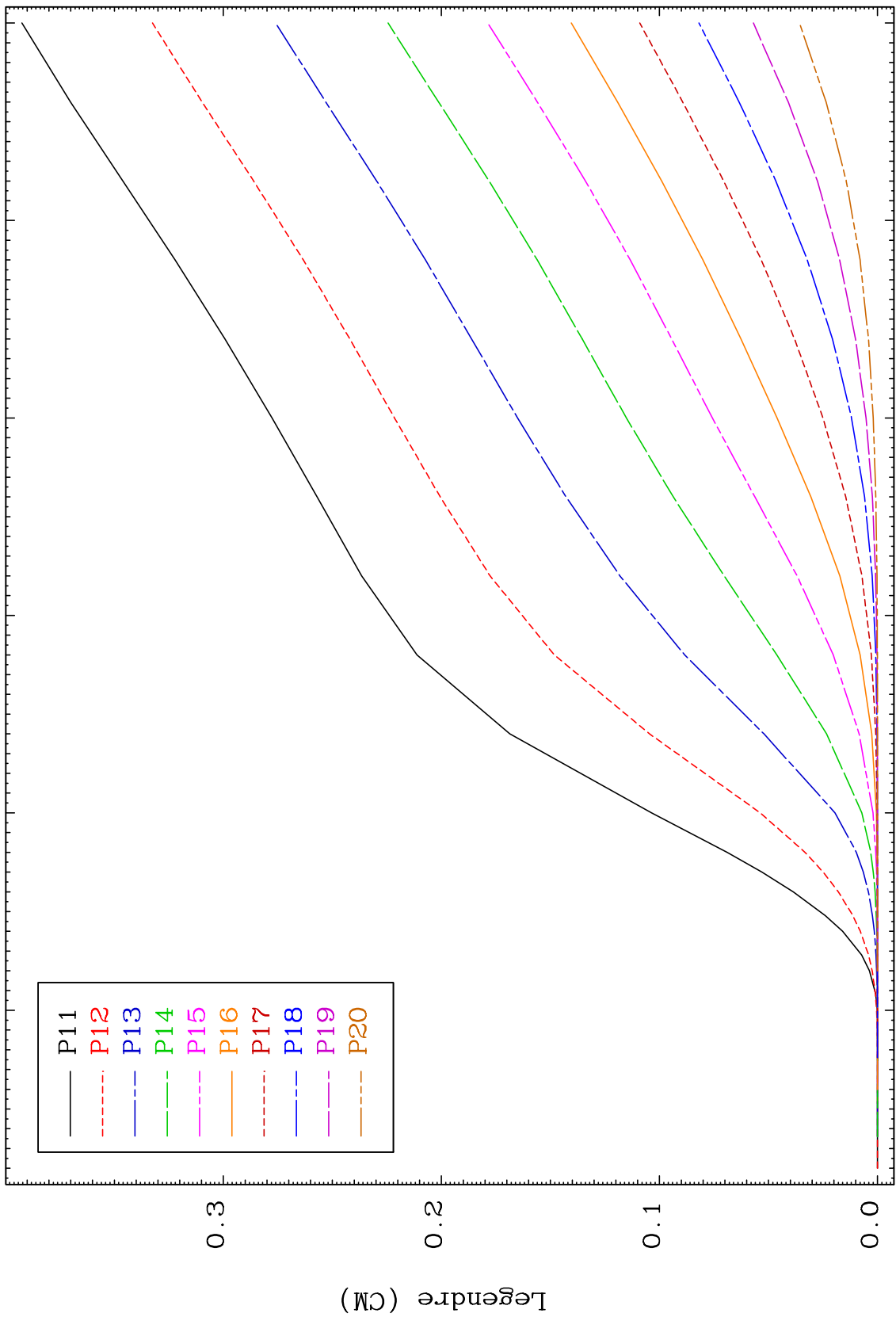
Incident Energy (MeV)

95-Am-238

MAT 9534

Elastic Legendre Coefficients

95-Am-238



20

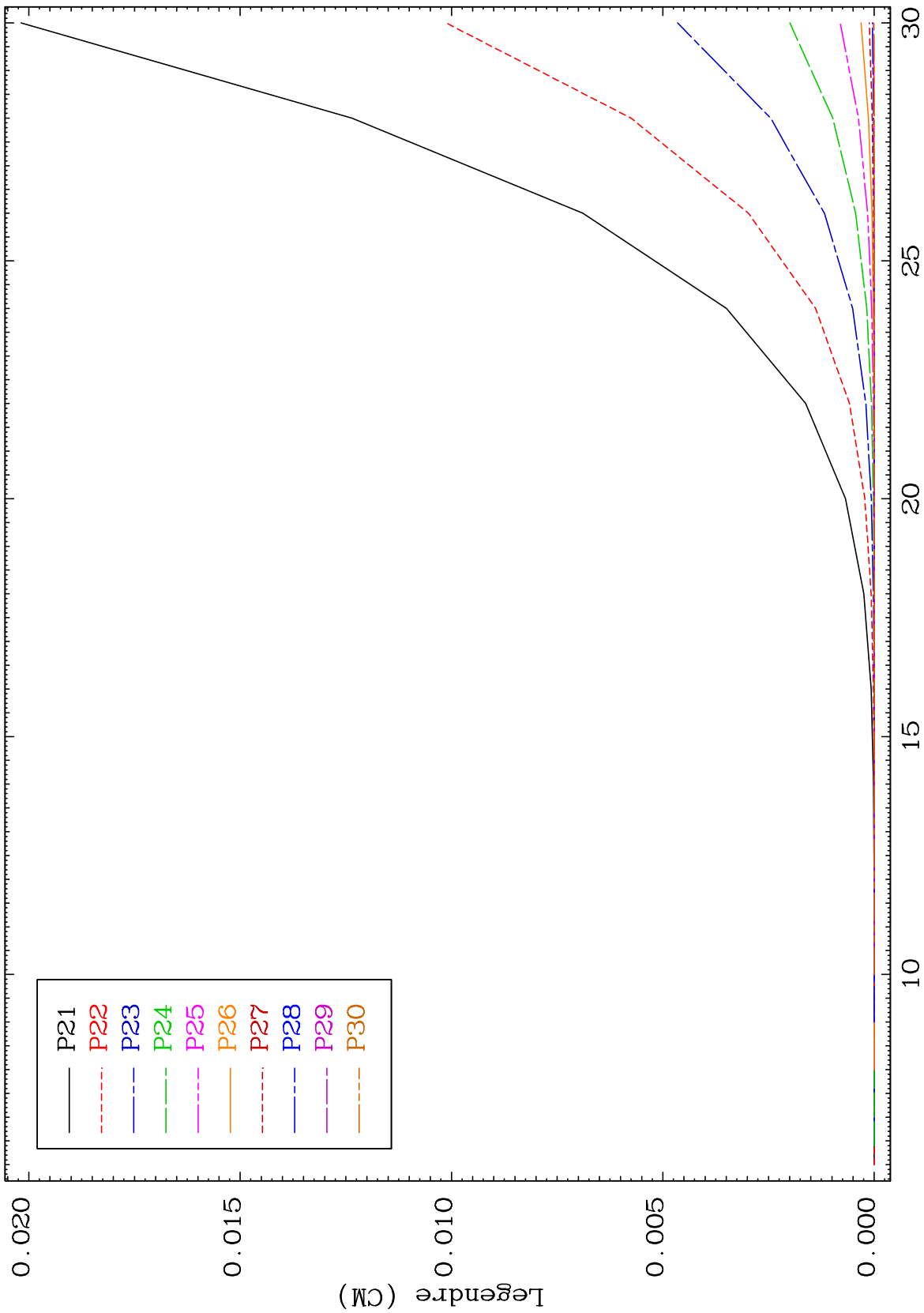
Incident Energy (MeV)

95-Am-238

MAT 9534

Elastic
Legendre Coefficients

95-Am-238



21

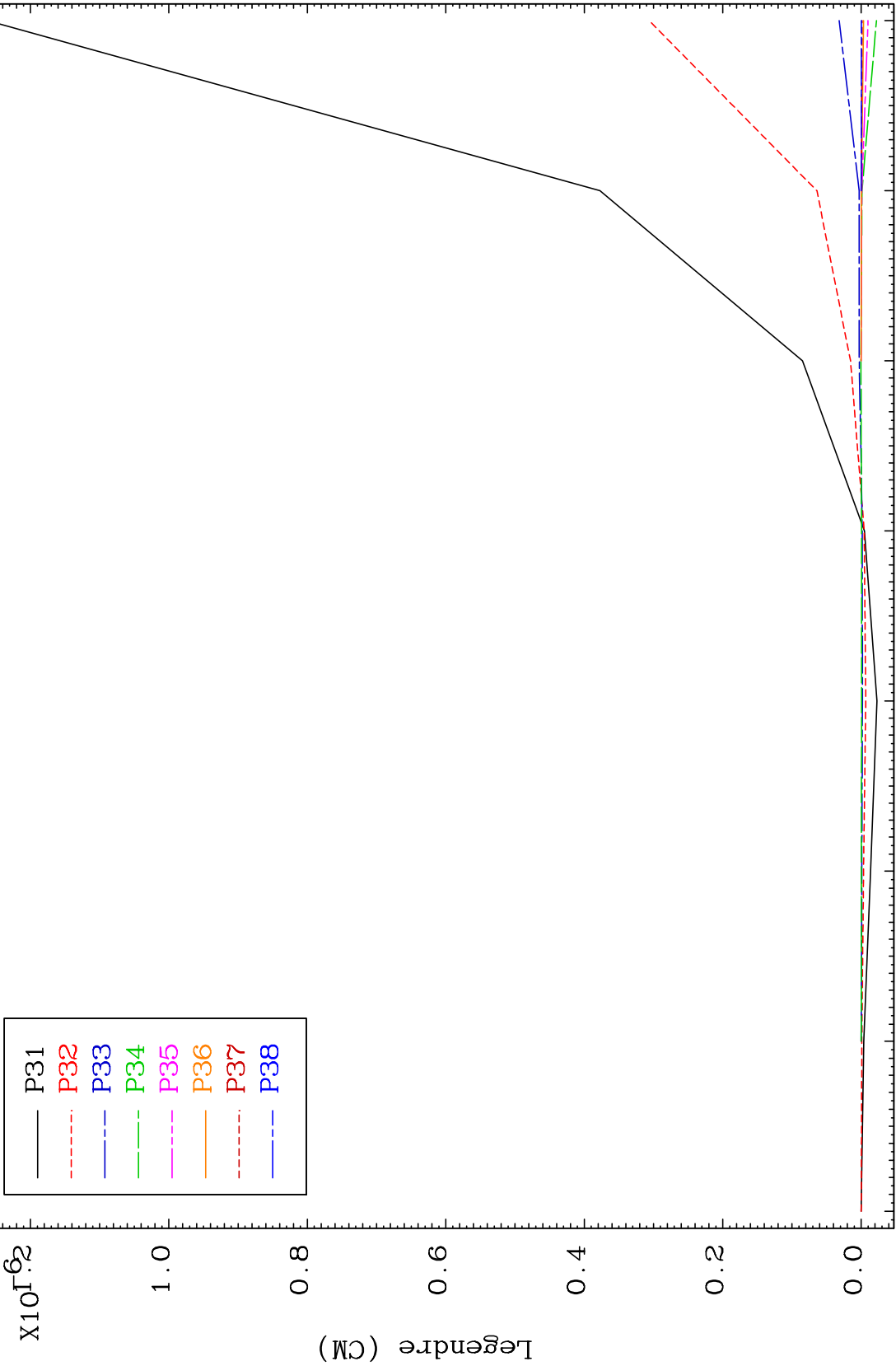
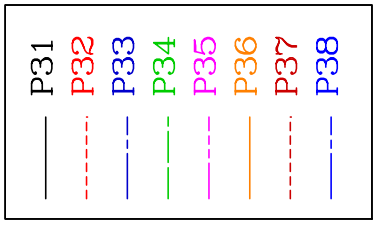
Incident Energy (MeV)

95-Am-238

MAT 9534

Elastic Legendre Coefficients

95-Am-238



22

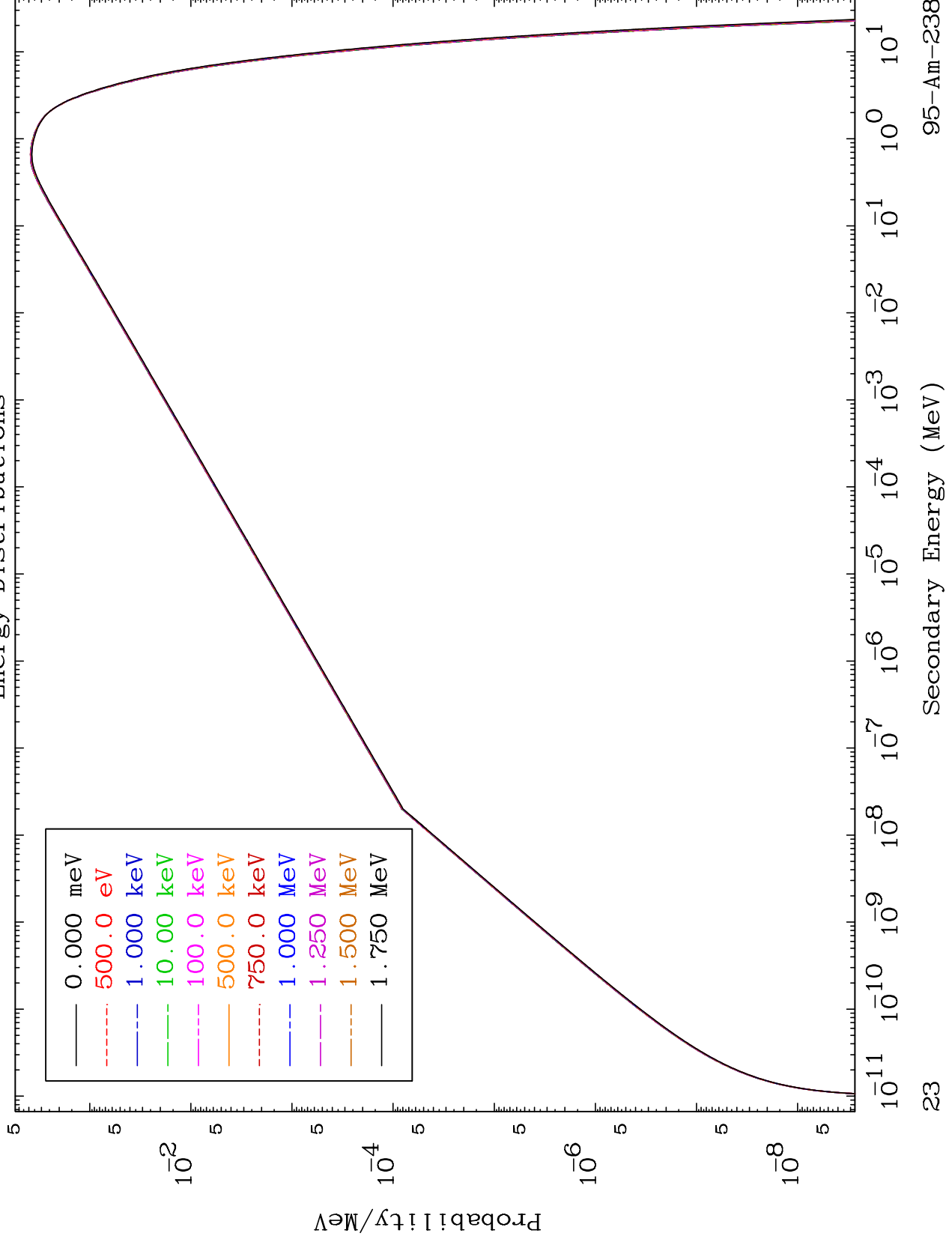
Incident Energy (MeV)

95-Am-238

MAT 9534

Fission Energy Distributions

95-Am-238



95-Am-238

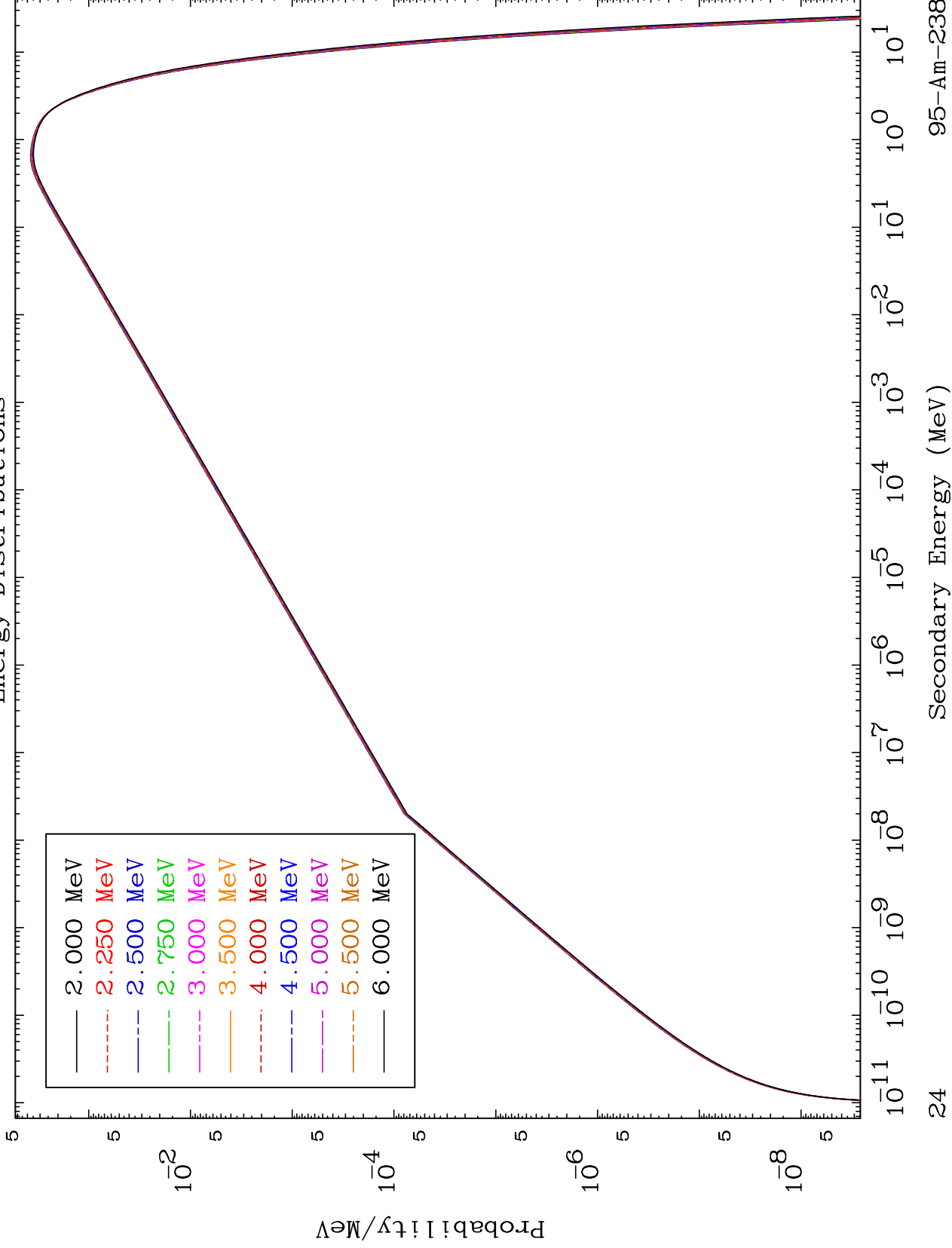
Secondary Energy (MeV)

23

MAT 9534

Fission Energy Distributions

95-Am-238



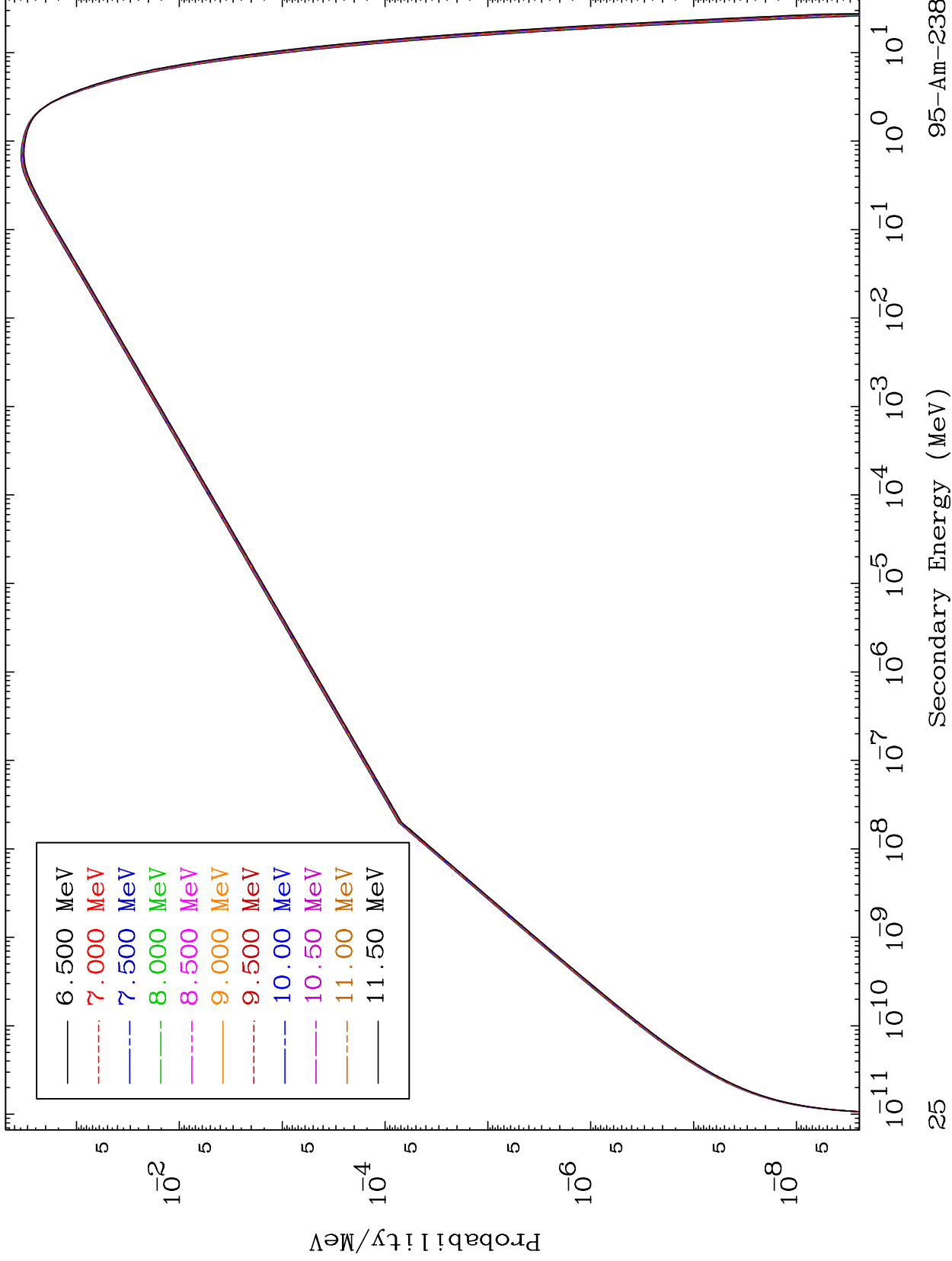
95-Am-238

24

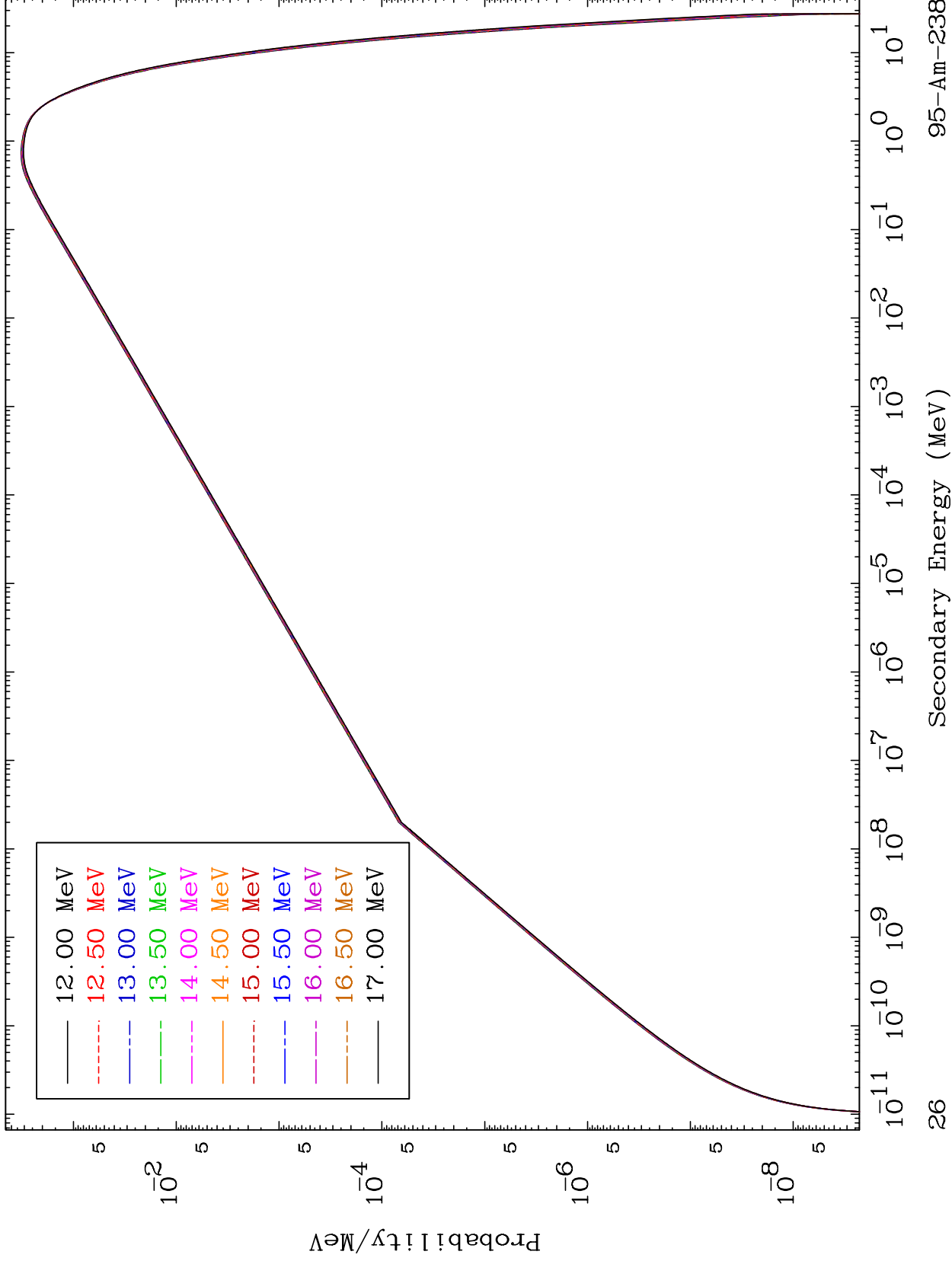
MAT 9534

Fission Energy Distributions

95-Am-238



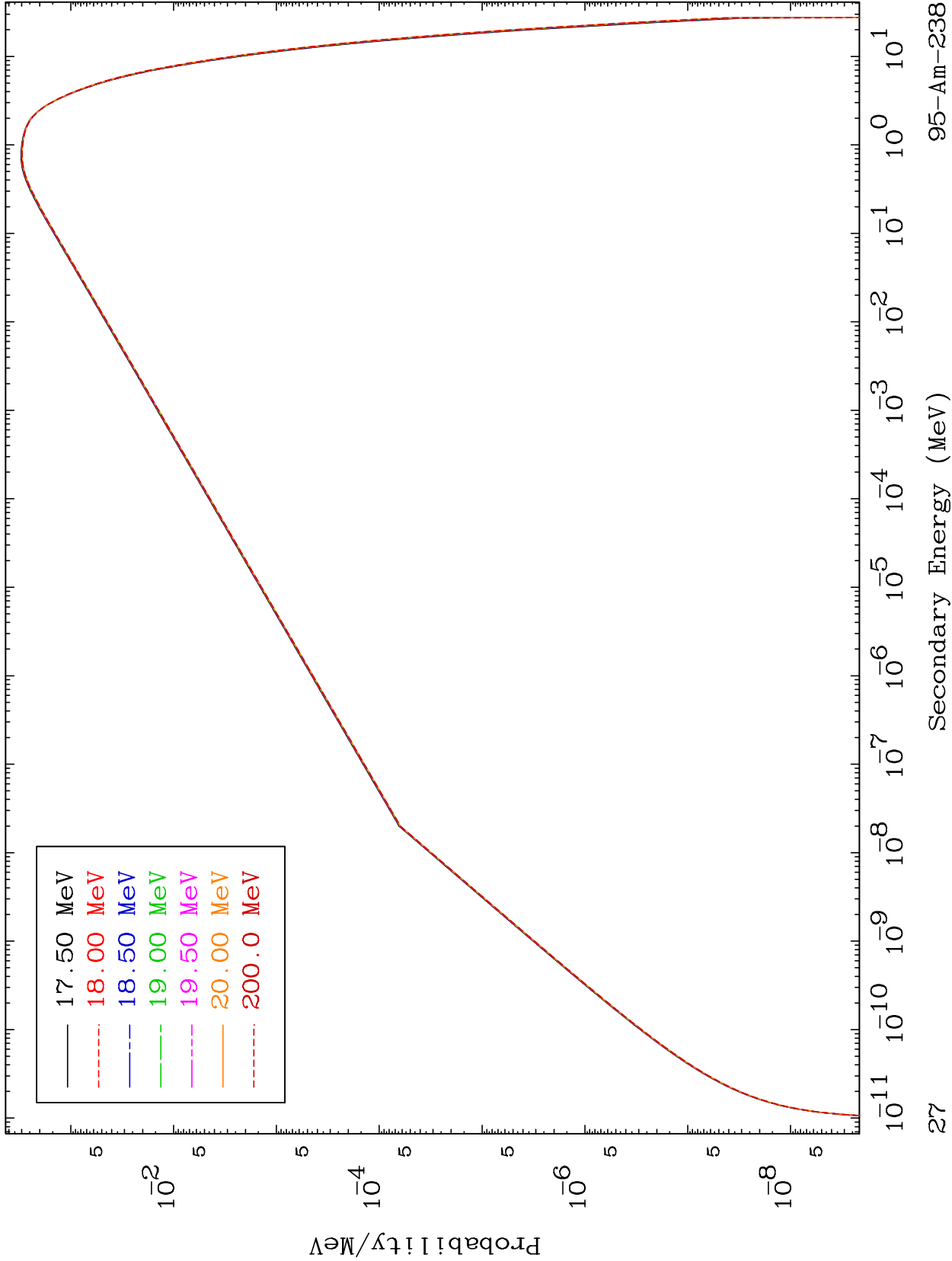
Fission Energy Distributions



MAT 9534

Fission Energy Distributions

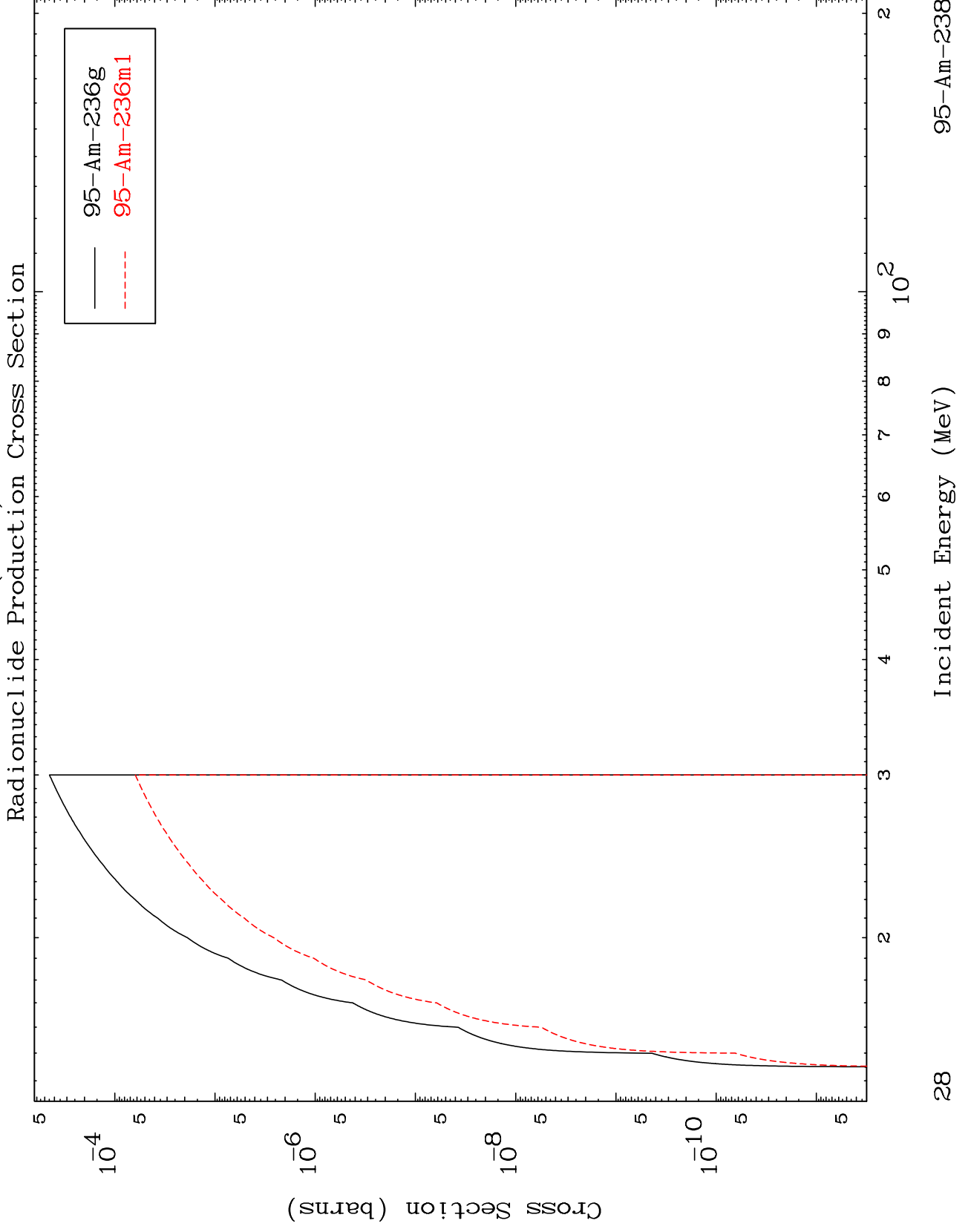
95-Am-238



MAT 9534

(n,3n)

95-Am-238



28

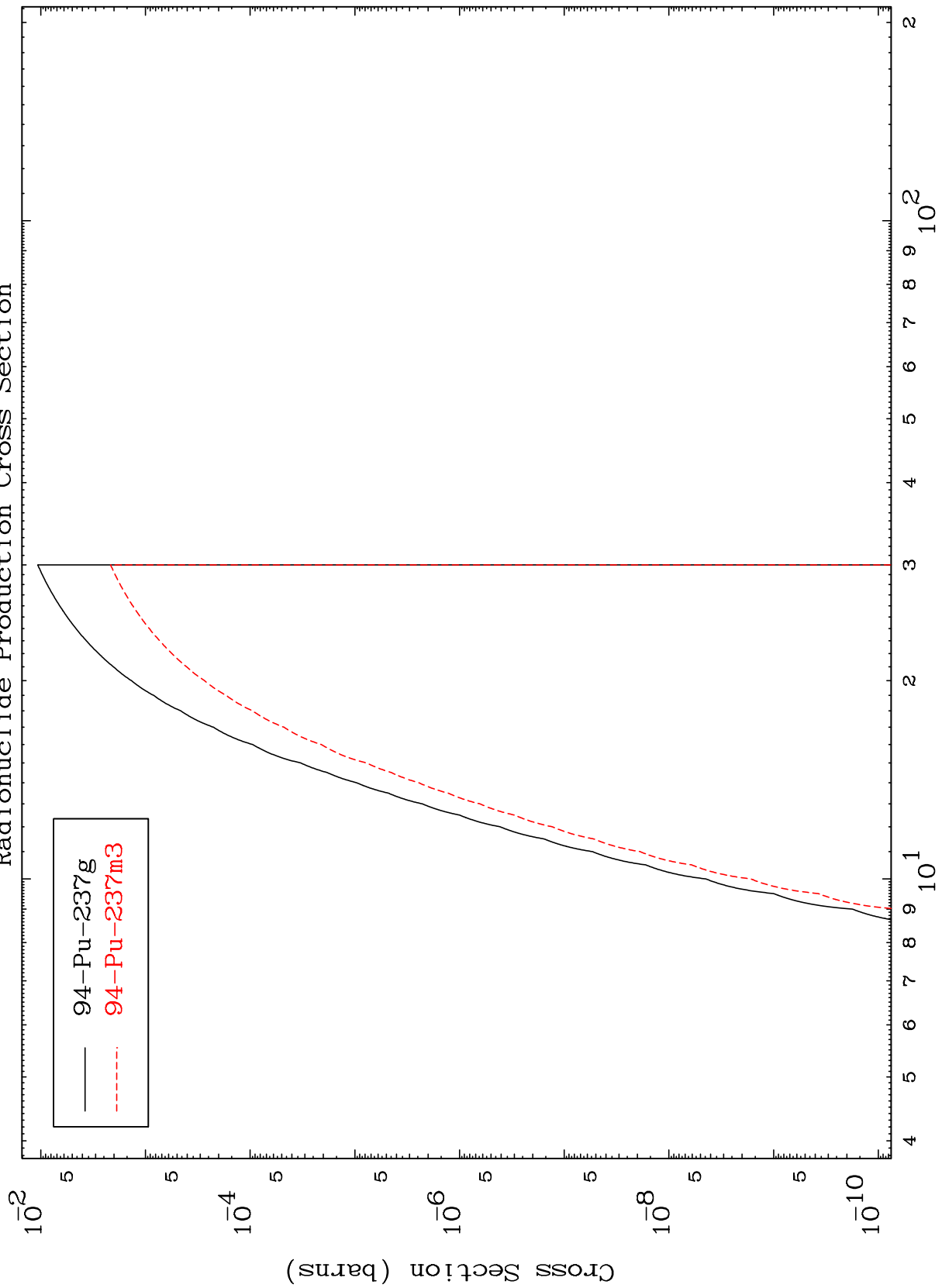
95-Am-238

MAT 9534

(n,n') p

95-Am-238

Radionuclide Production Cross Section



29

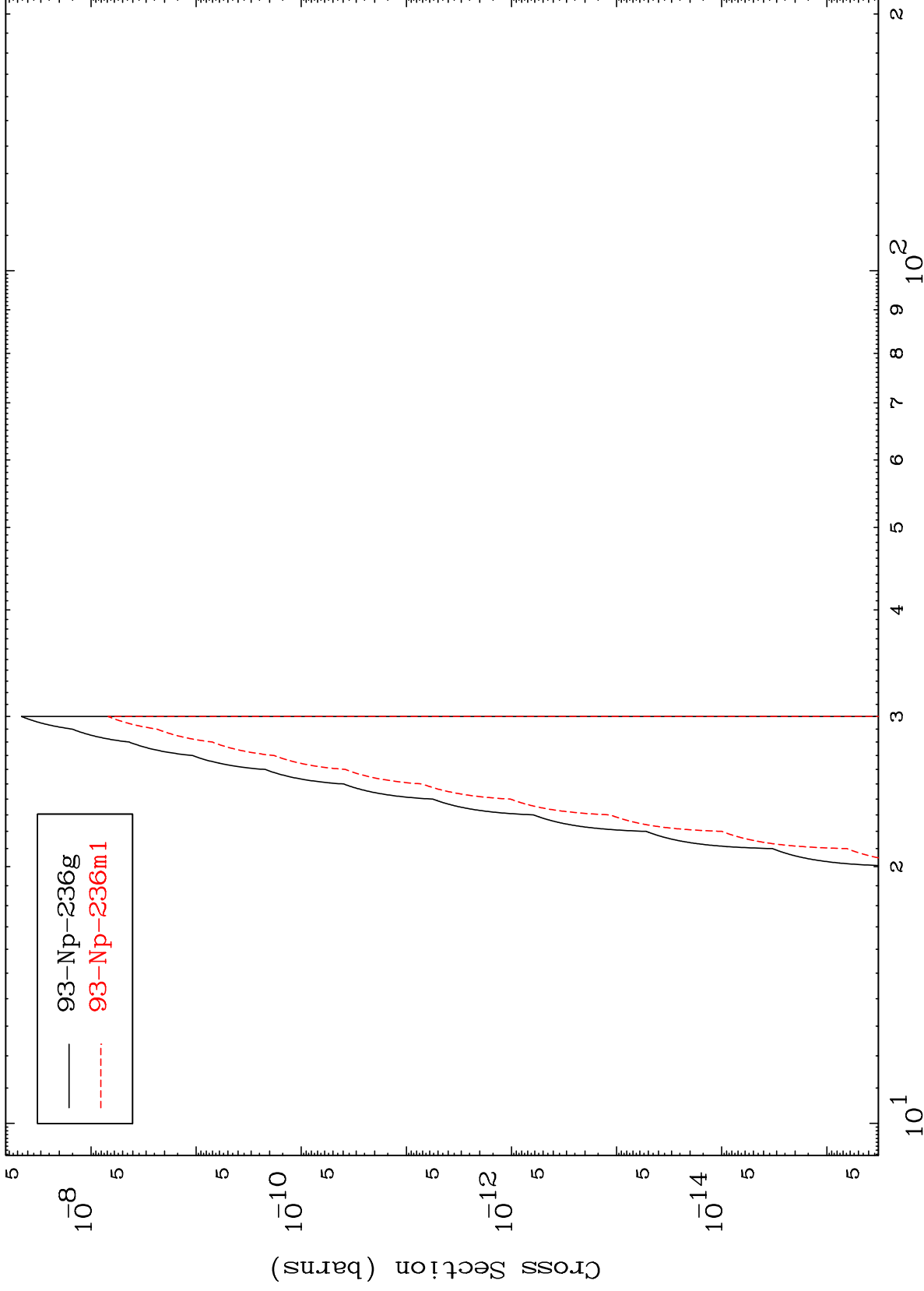
95-Am-238

MAT 9534

(n,2n) p

95-Am-238

Radionuclide Production Cross Section



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

Incident Energy (MeV)

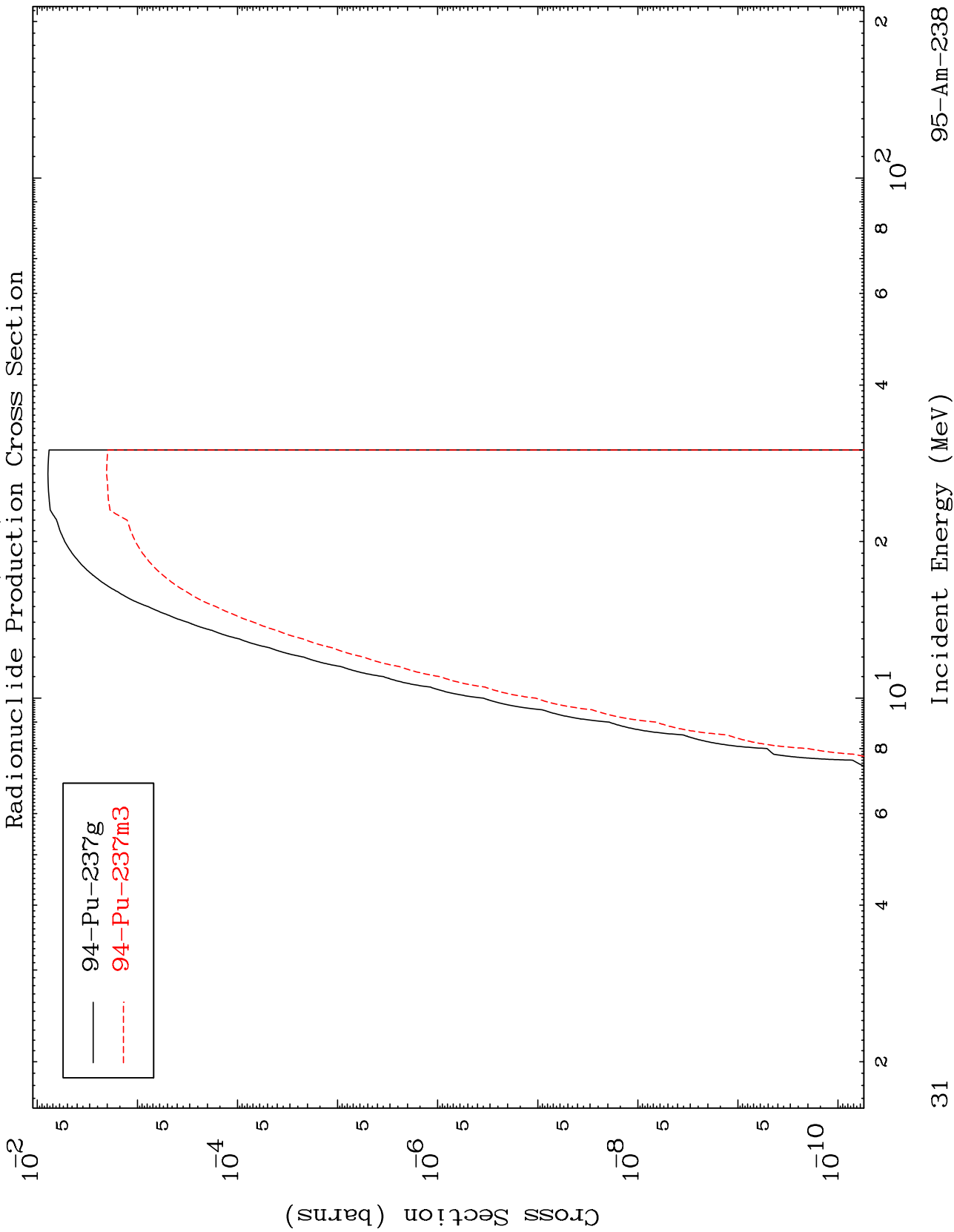
95-Am-238

30

MAT 9534

(n,d)

95-Am-238

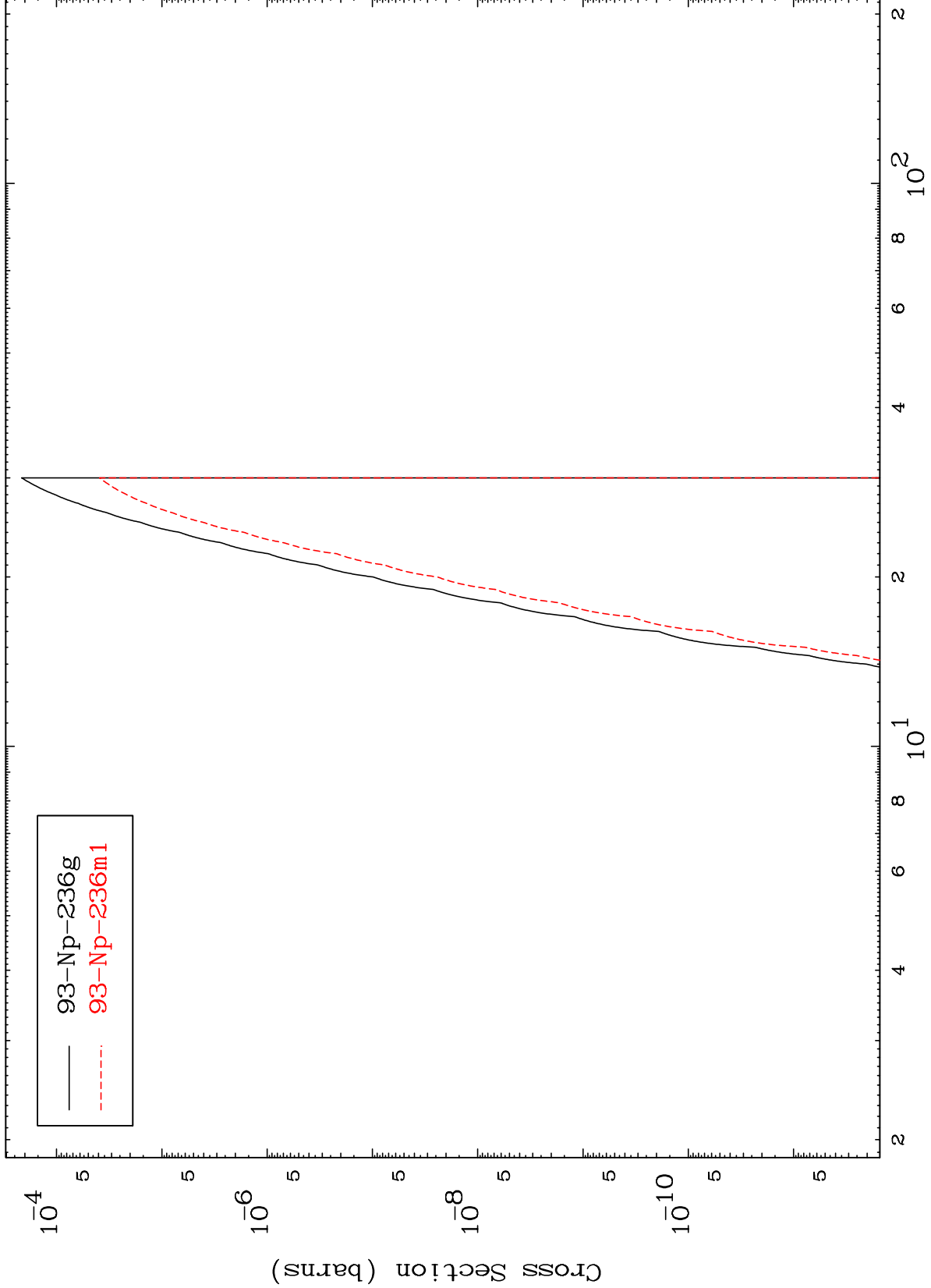


MAT 9534

(n,He-3)

95-Am-238

Radionuclide Production Cross Section



32

Incident Energy (MeV)

95-Am-238

Radionuclide Production Cross Section

