

Program EVALPLOT
(Version 2018-1)

by

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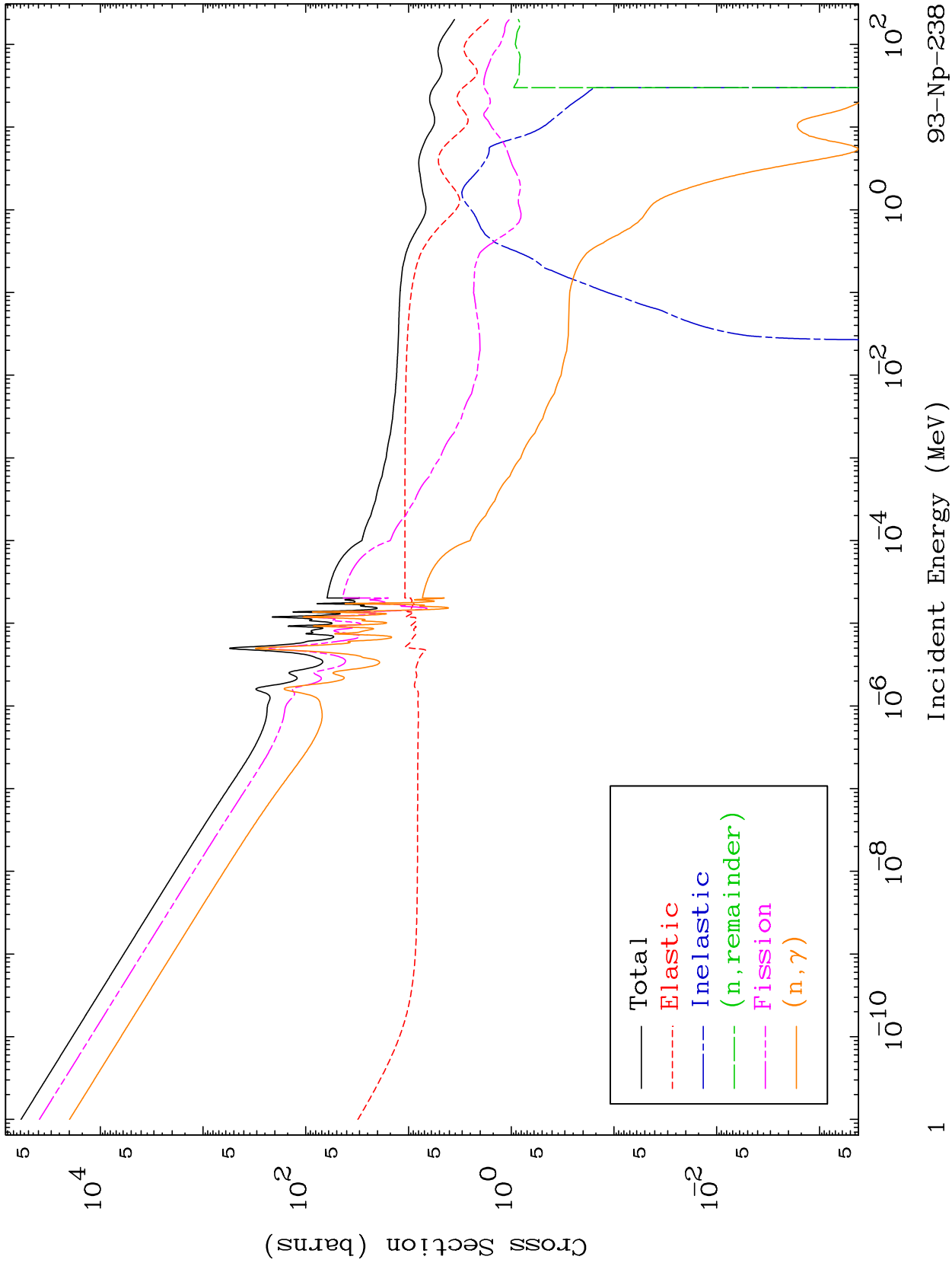
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9349

Major
293 Kelvin Cross Sections

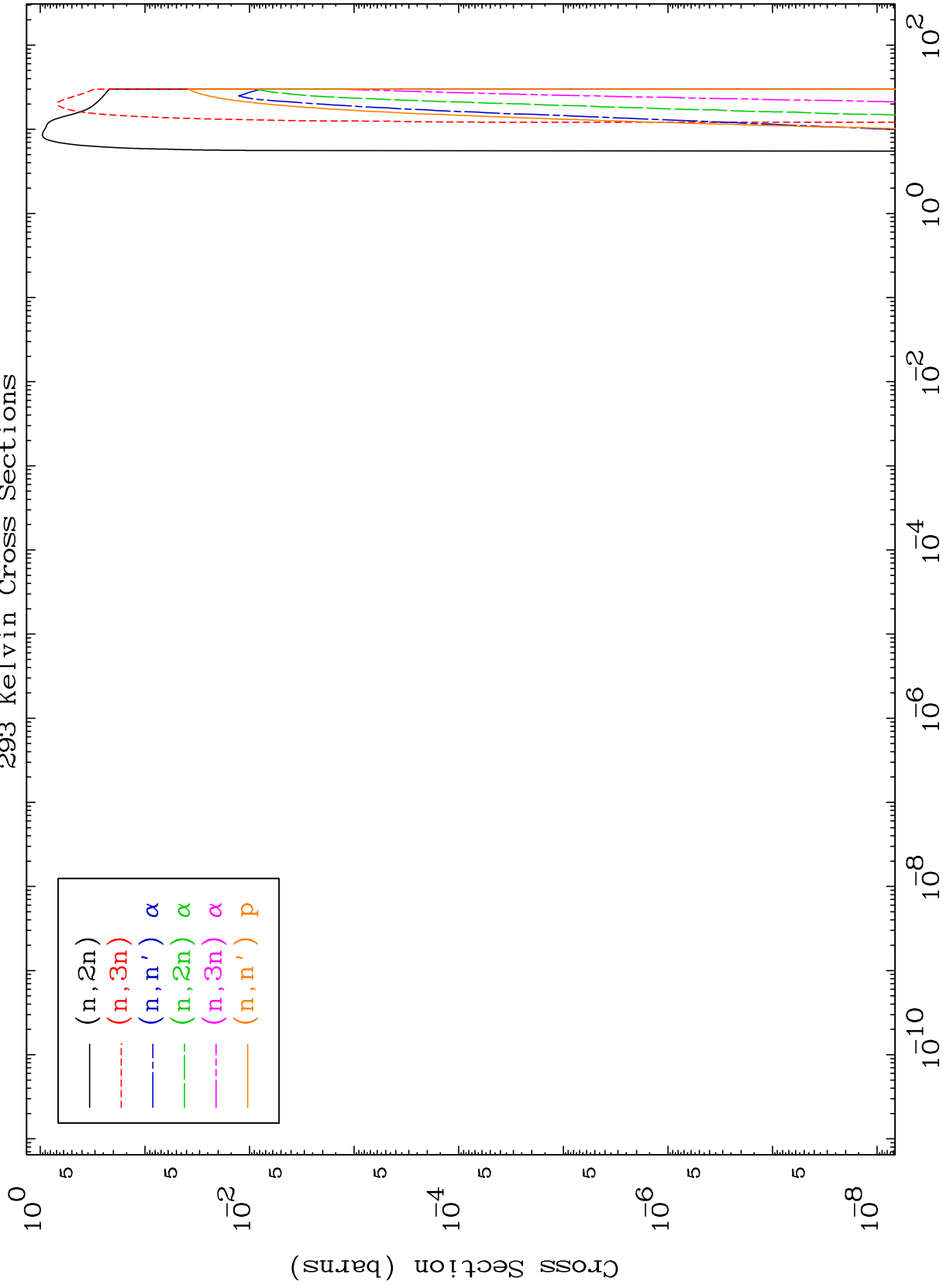
93-Np-238



MAT 9349

Neutron Production
293 Kelvin Cross Sections

93-Np-238



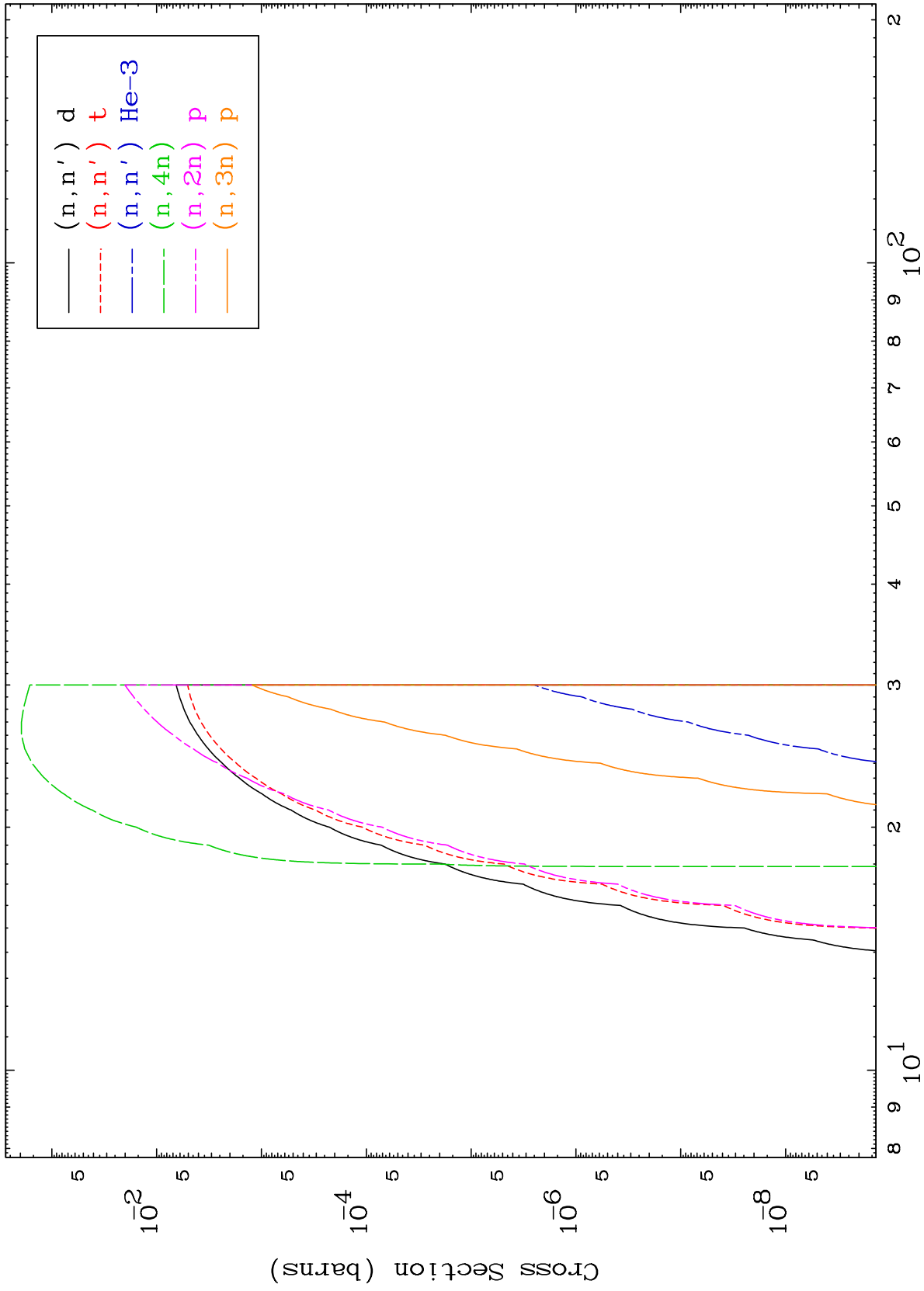
2

93-Np-238

MAT 9349

Neutron Production
293 Kelvin Cross Sections

93-Np-238



3

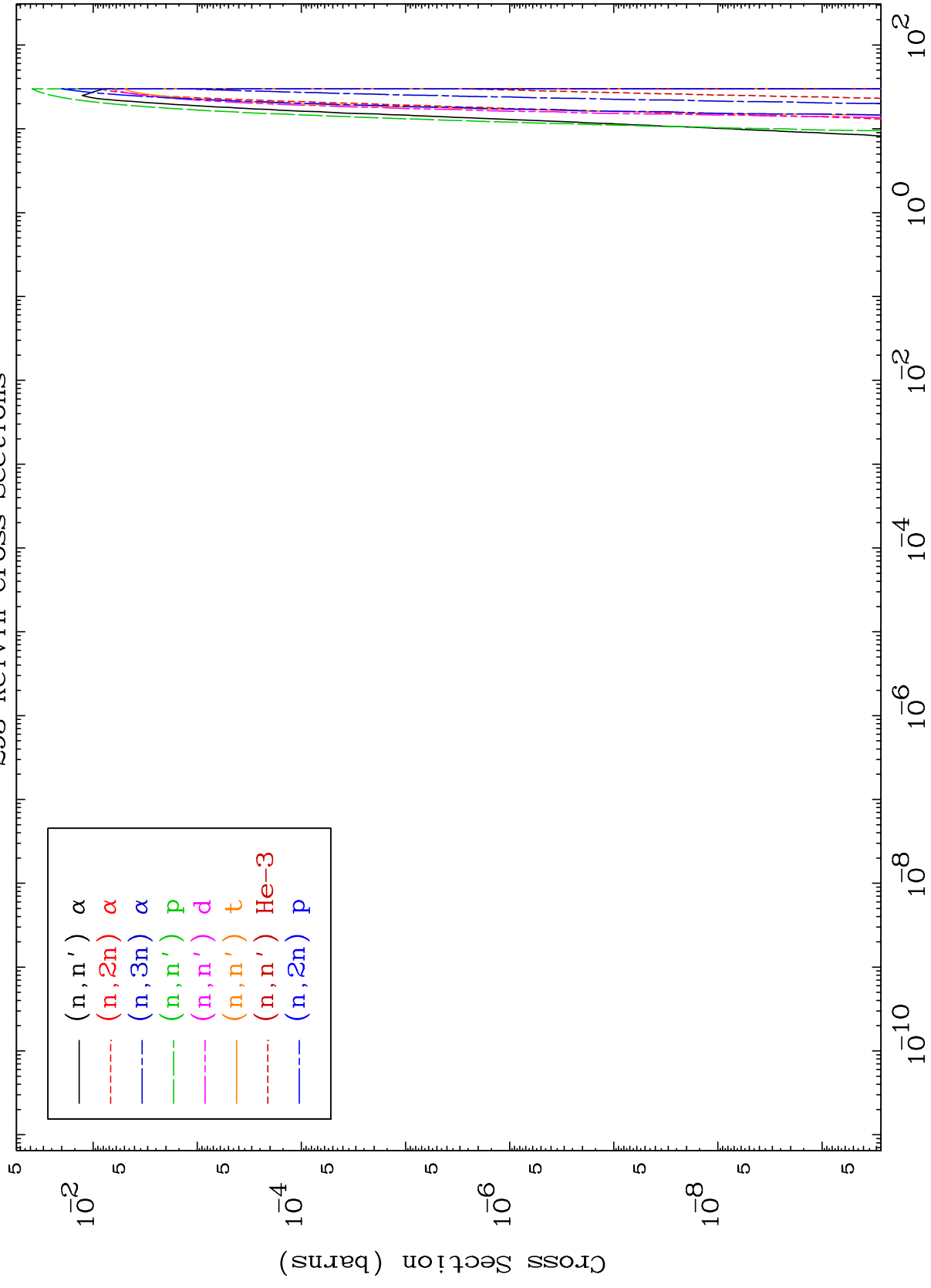
Incident Energy (MeV)

93-Np-238

MAT 9349

293 Charged Particle
Kelvin Cross Sections

93-Np-238

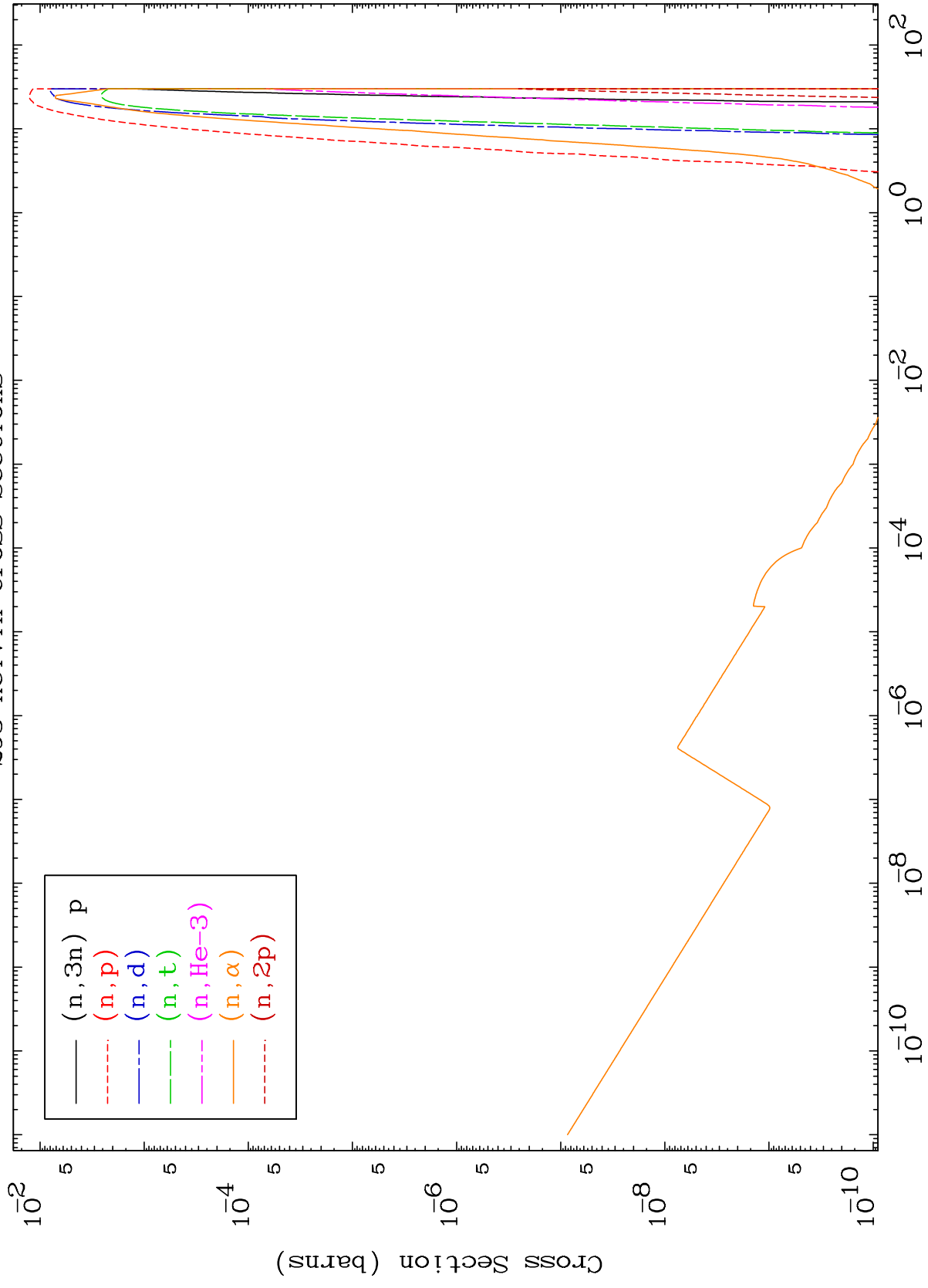


93-Np-238

MAT 9349

Charged Particle
293 Kelvin Cross Sections

93-Np-238



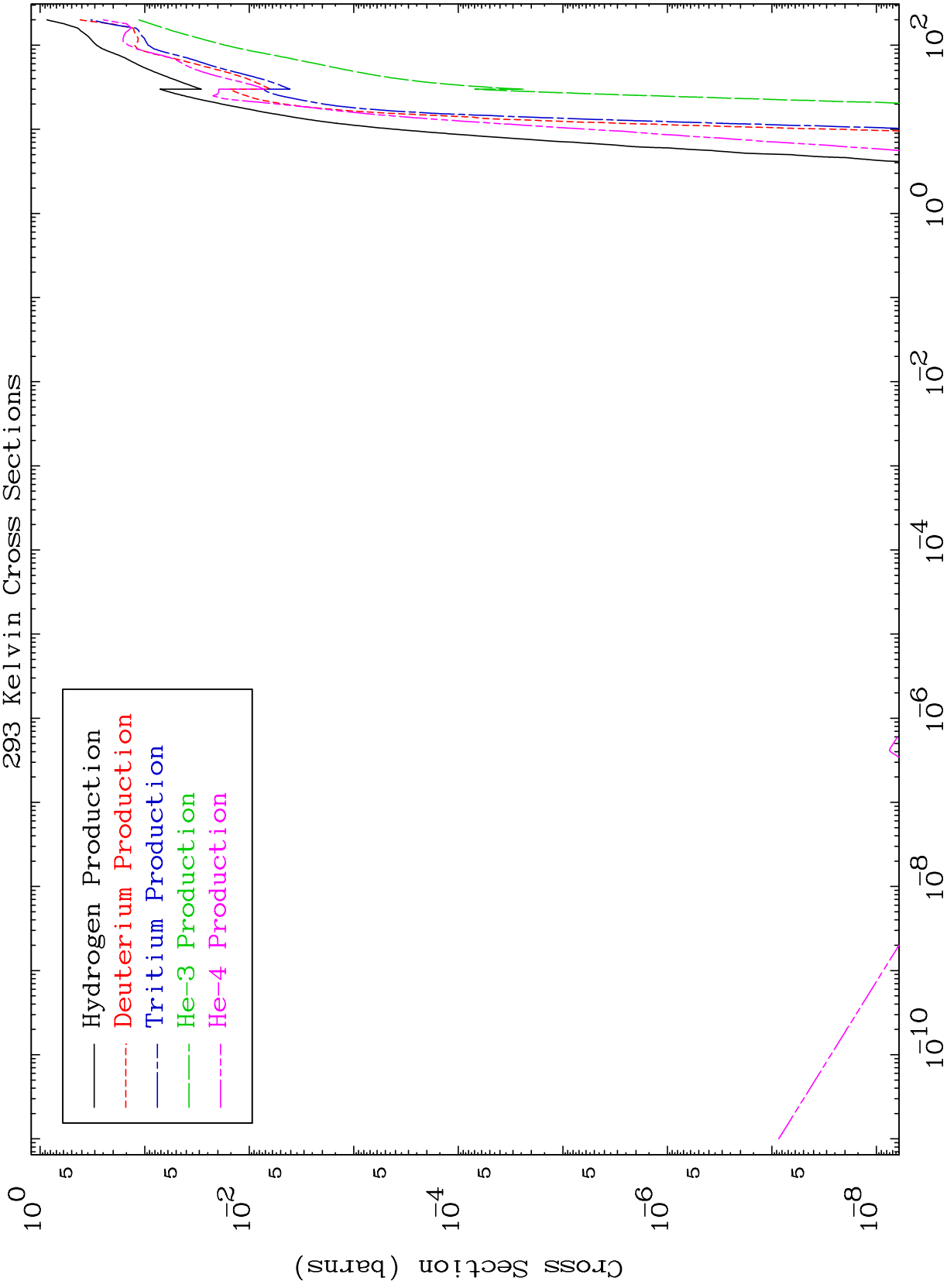
5

93-Np-238

MAT 9349

Particle Production
293 Kelvin Cross Sections

93-Np-238



6

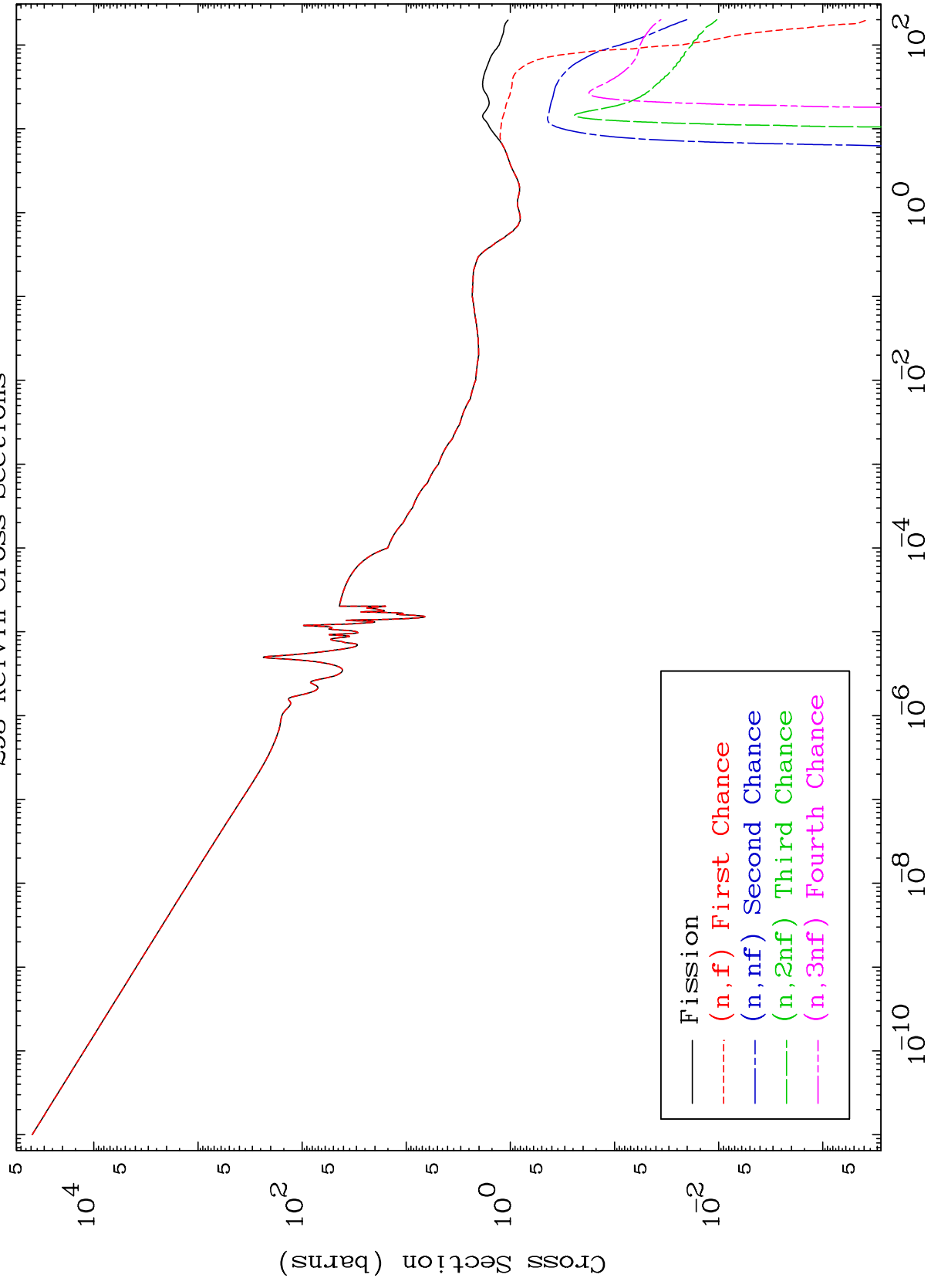
Incident Energy (MeV)

93-Np-238

MAT 9349

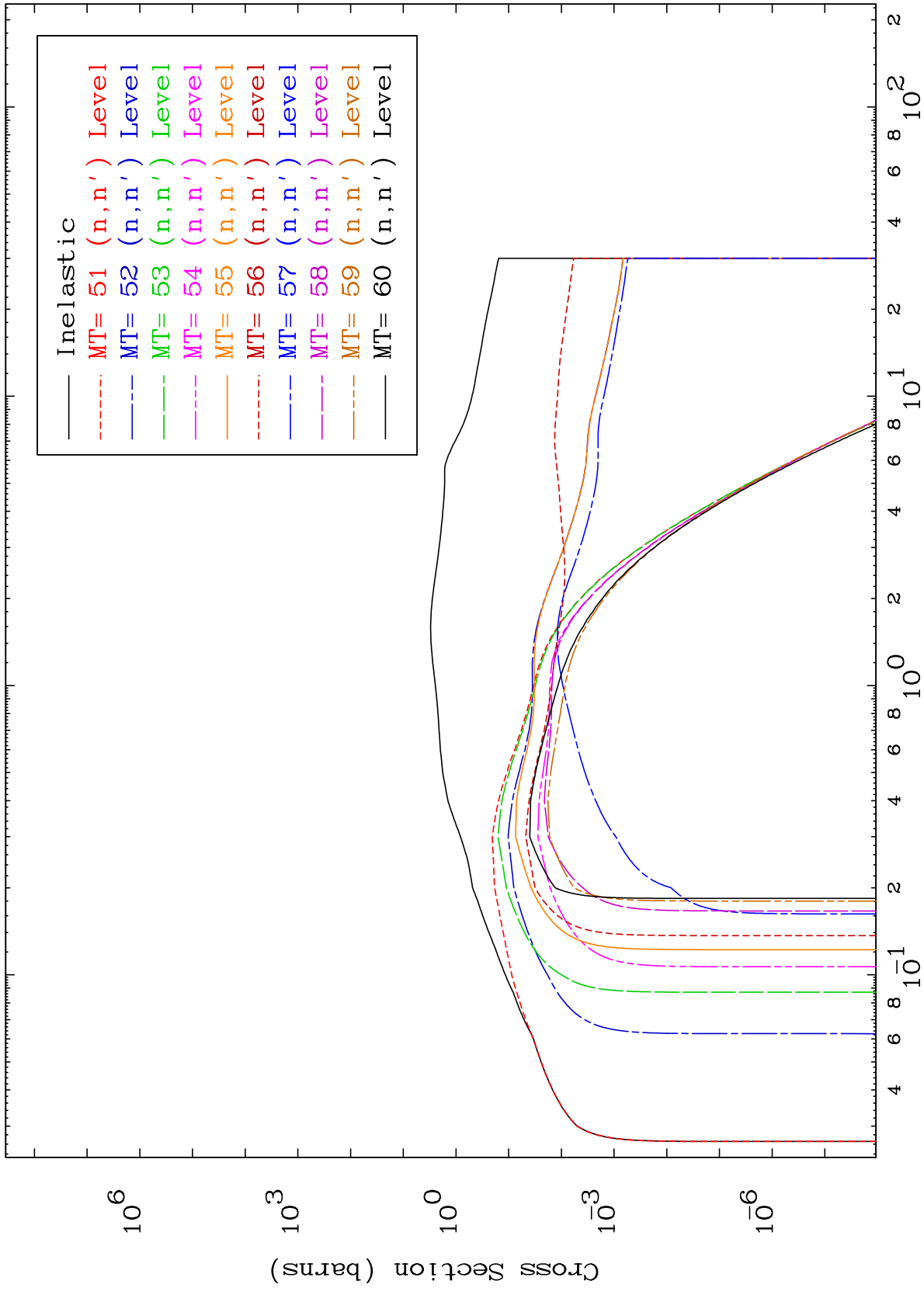
Fission
293 Kelvin Cross Sections

93-Np-238



93-Np-238

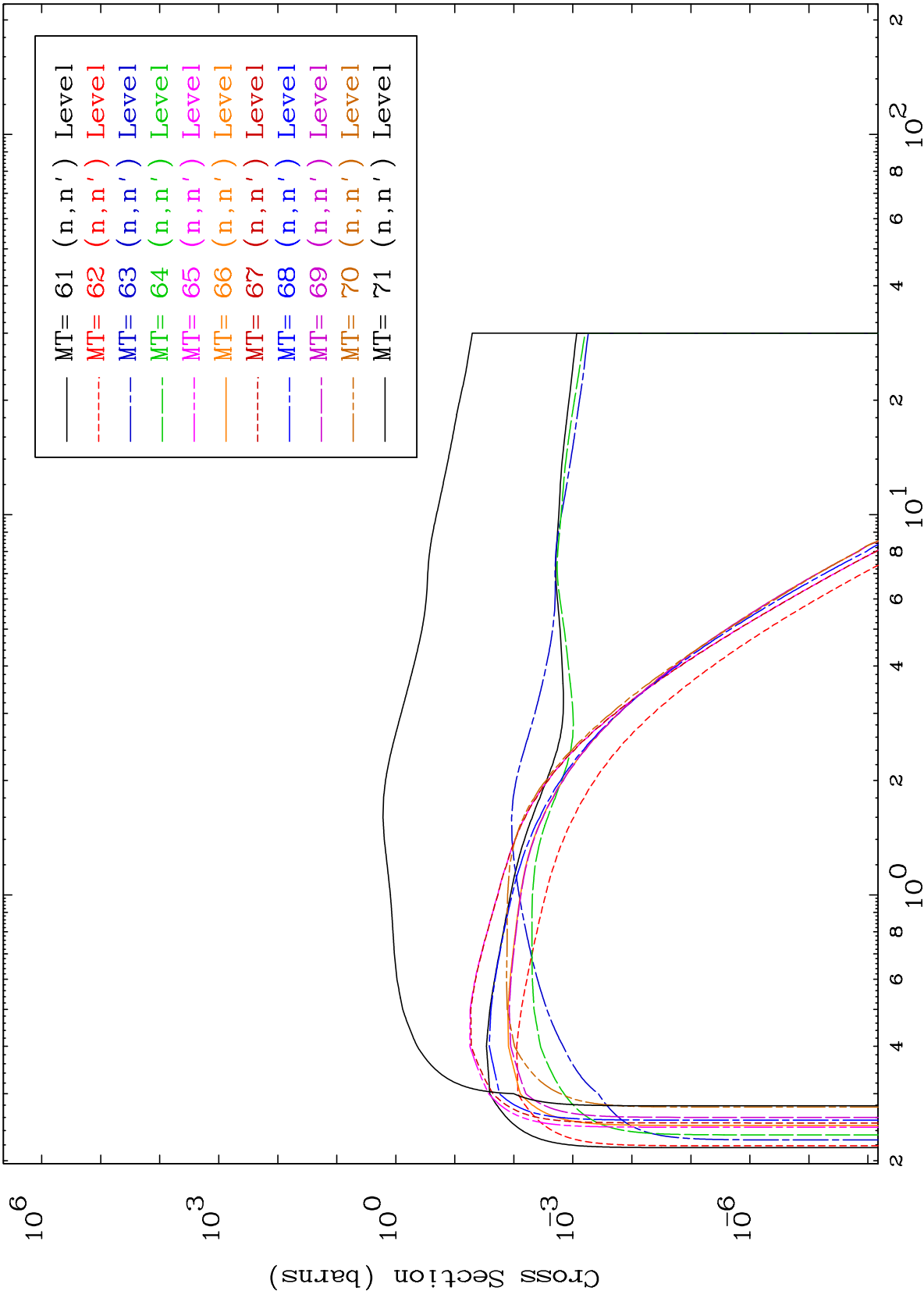
Incident Energy (MeV)



MAT 9349

(n,n') Level
293 Kelvin Cross Sections

93-Np-238



9

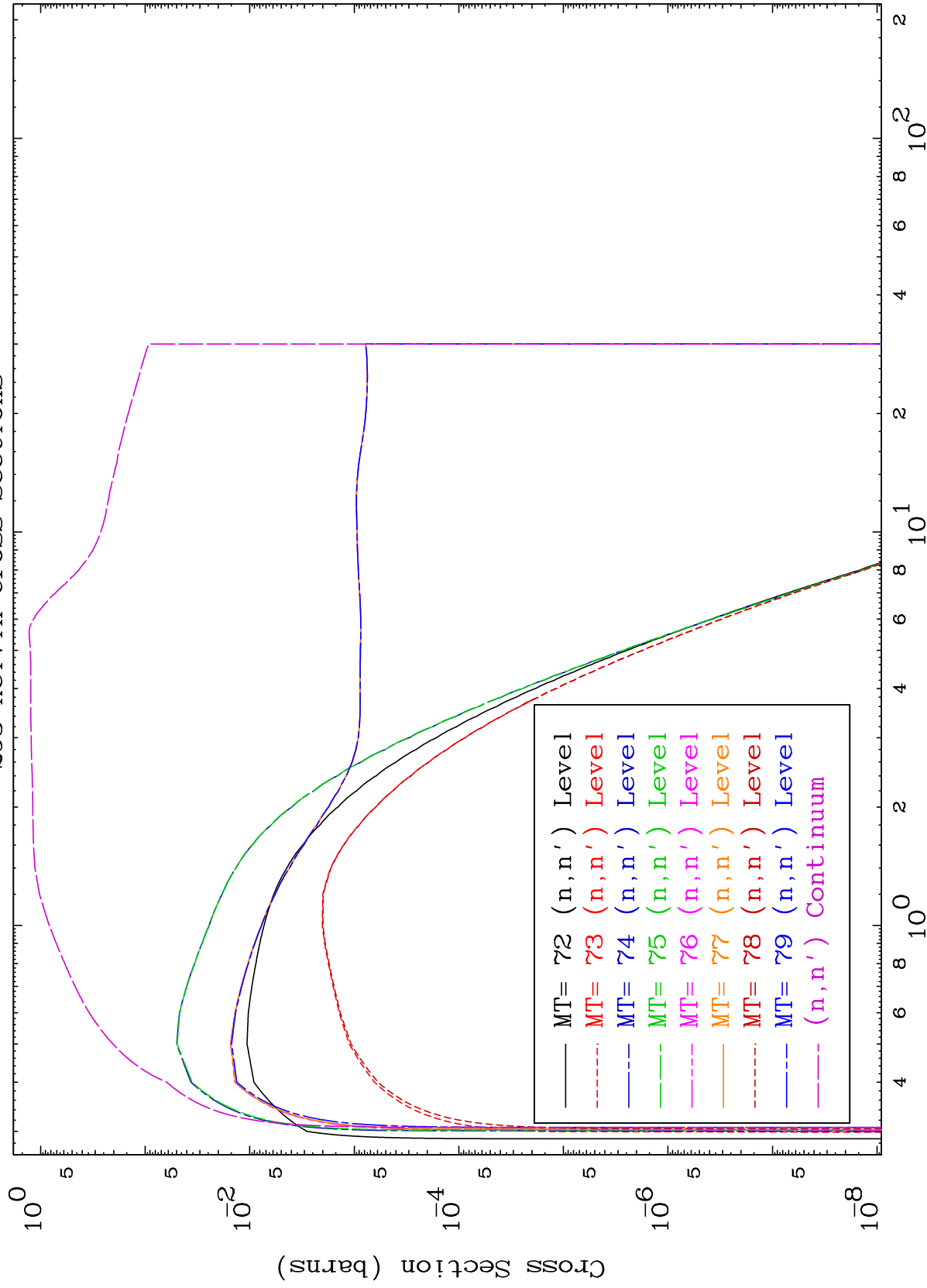
Incident Energy (MeV)

93-Np-238

MAT 9349

93-Np-238

(n,n') Level
293 Kelvin Cross Sections



10

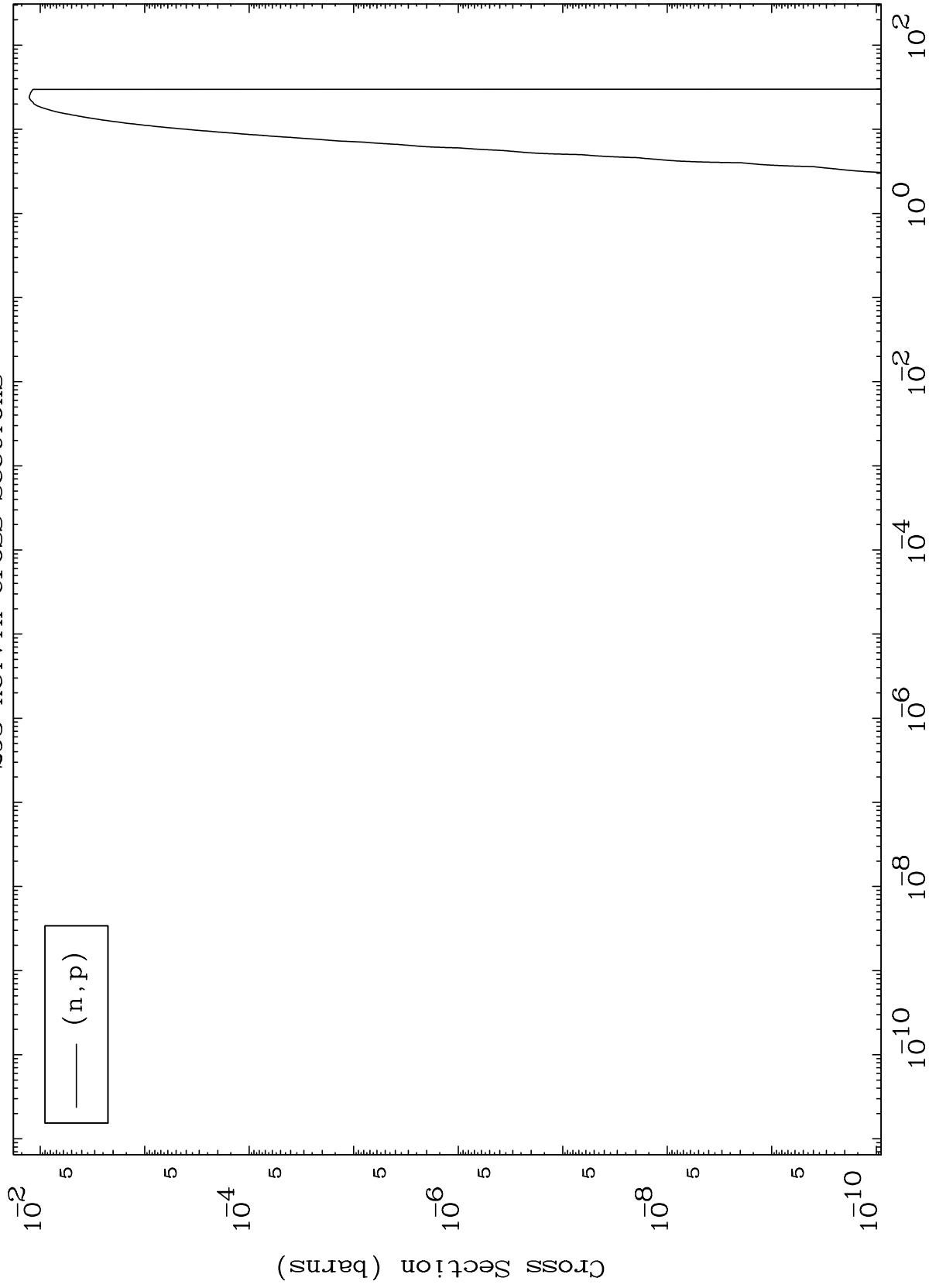
Incident Energy (MeV)

93-Np-238

MAT 9349

(n,p) Levels
293 Kelvin Cross Sections

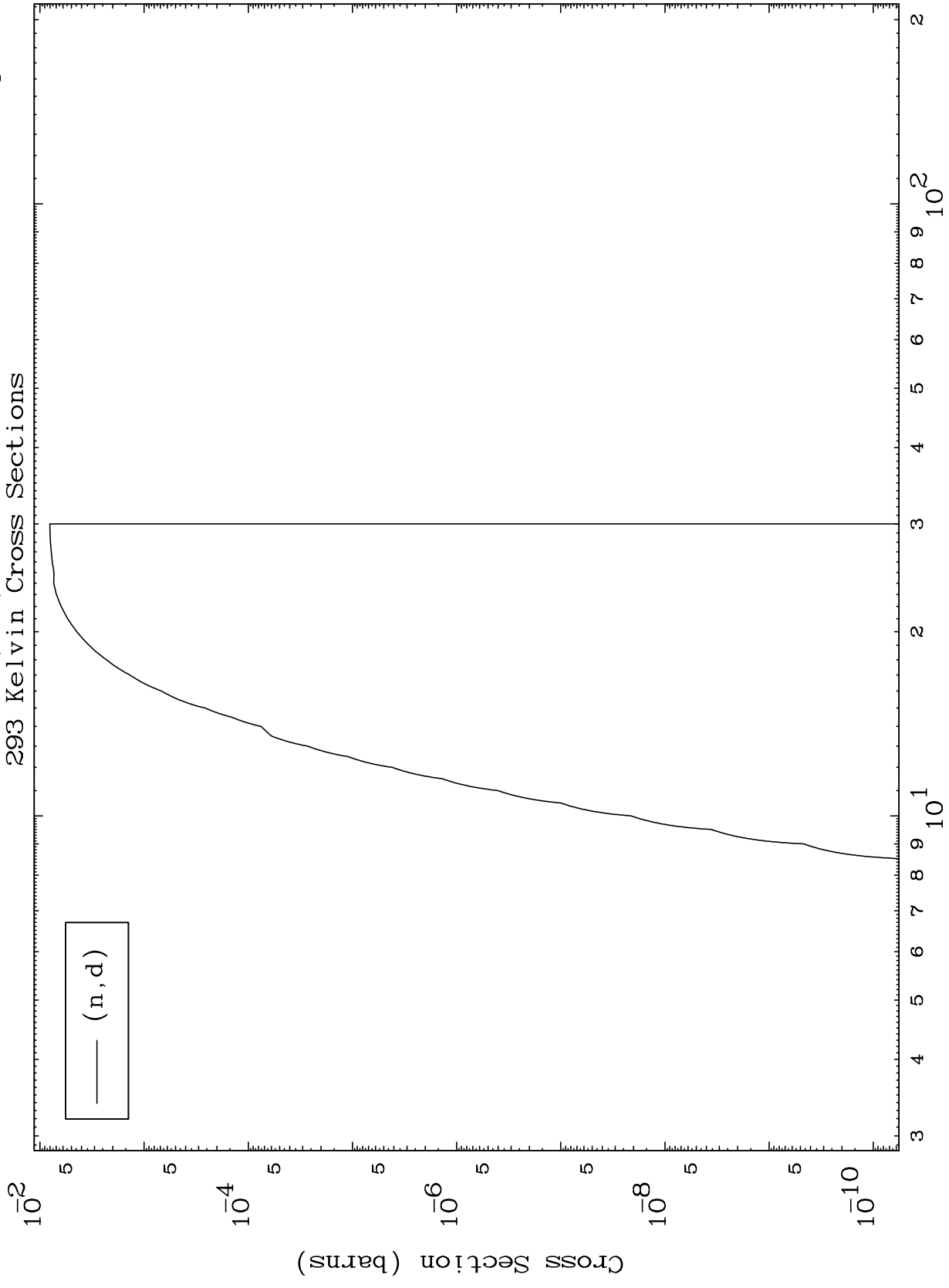
93-Np-238



MAT 9349

93-Np-238

(n,d) Levels
293 Kelvin Cross Sections



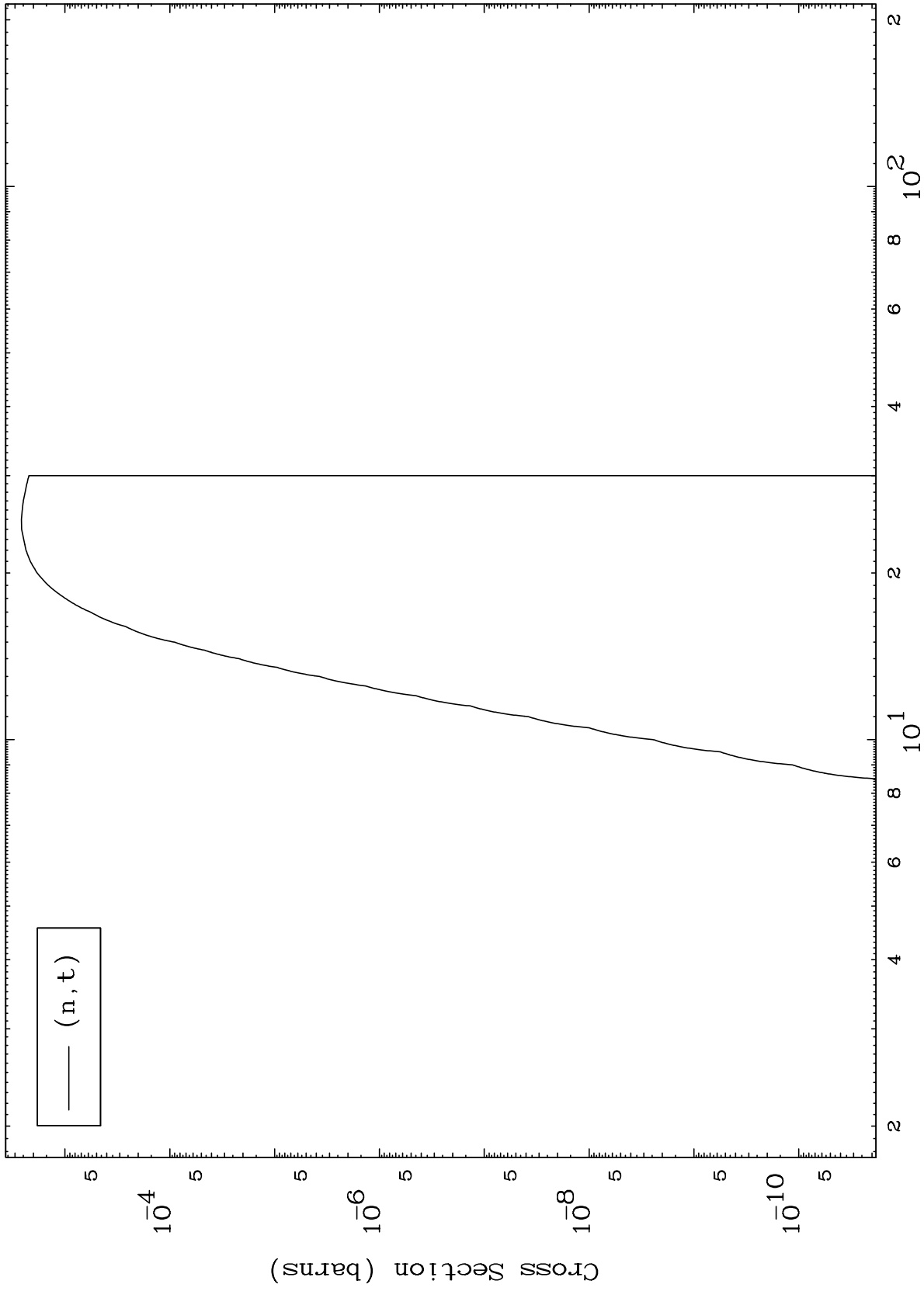
12

93-Np-238

MAT 9349

(n,t) Levels
293 Kelvin Cross Sections

93-Np-238



13

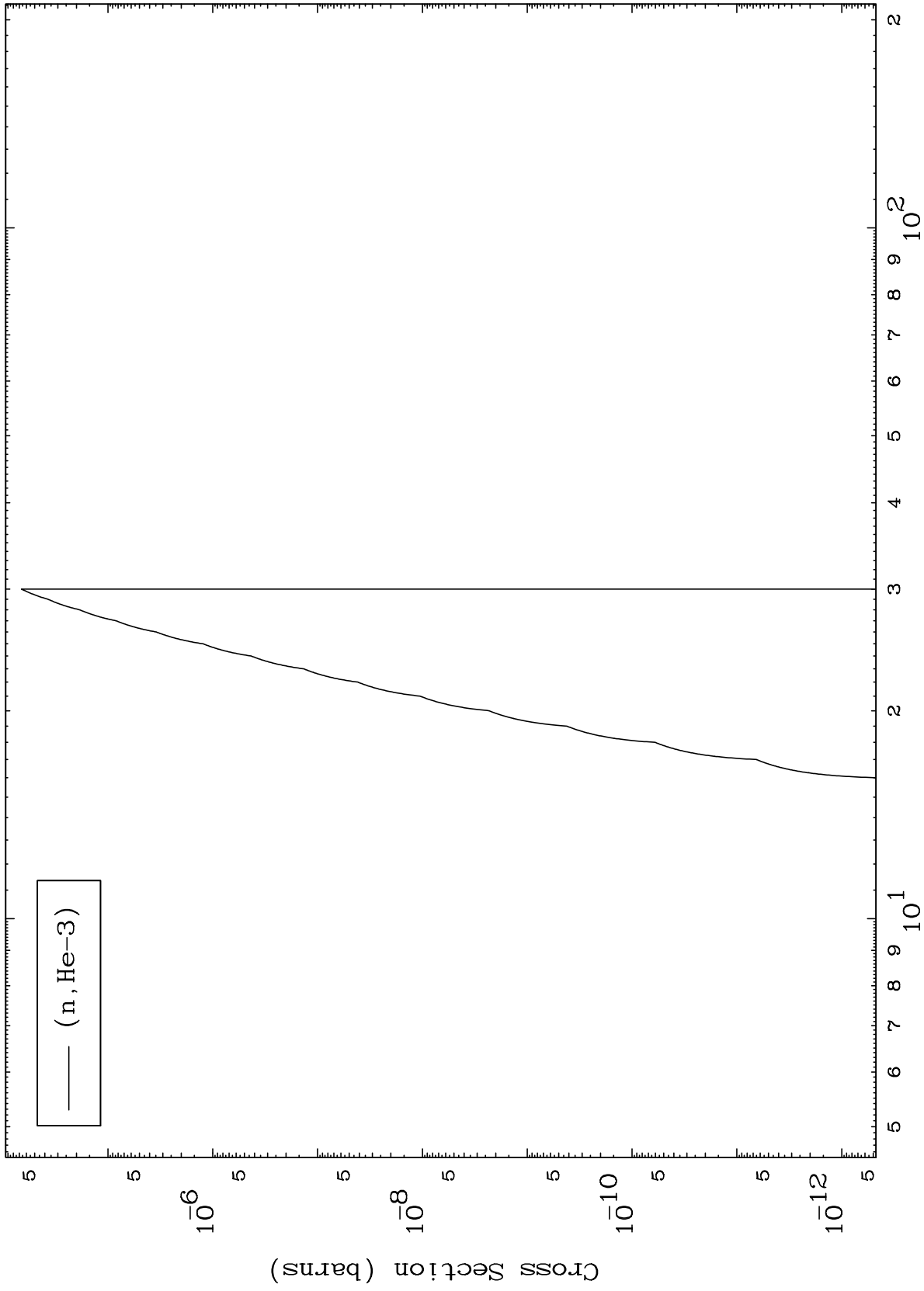
Incident Energy (MeV)

93-Np-238

MAT 9349

(n,He3) Levels
293 Kelvin Cross Sections

93-Np-238



14

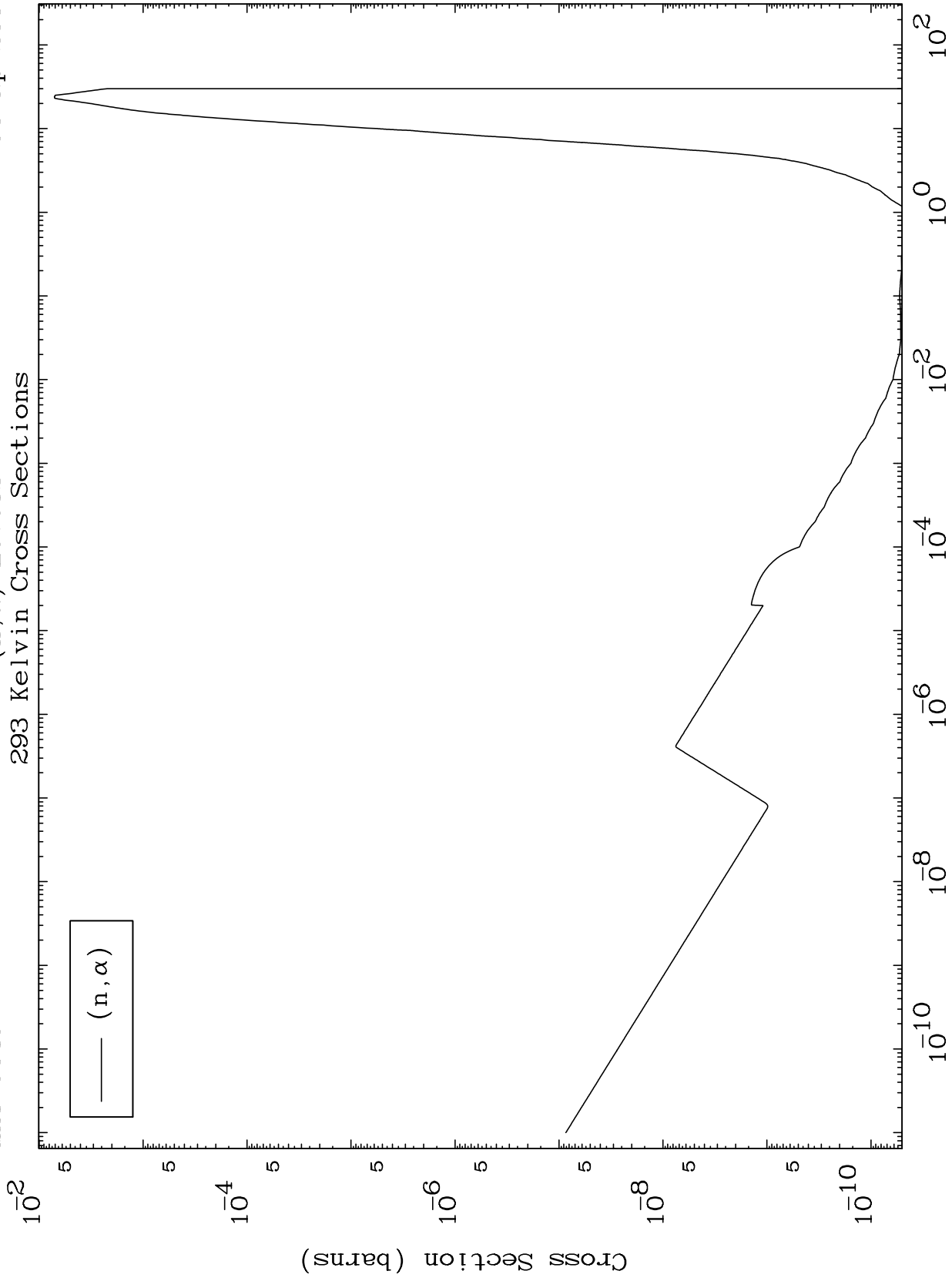
Incident Energy (MeV)

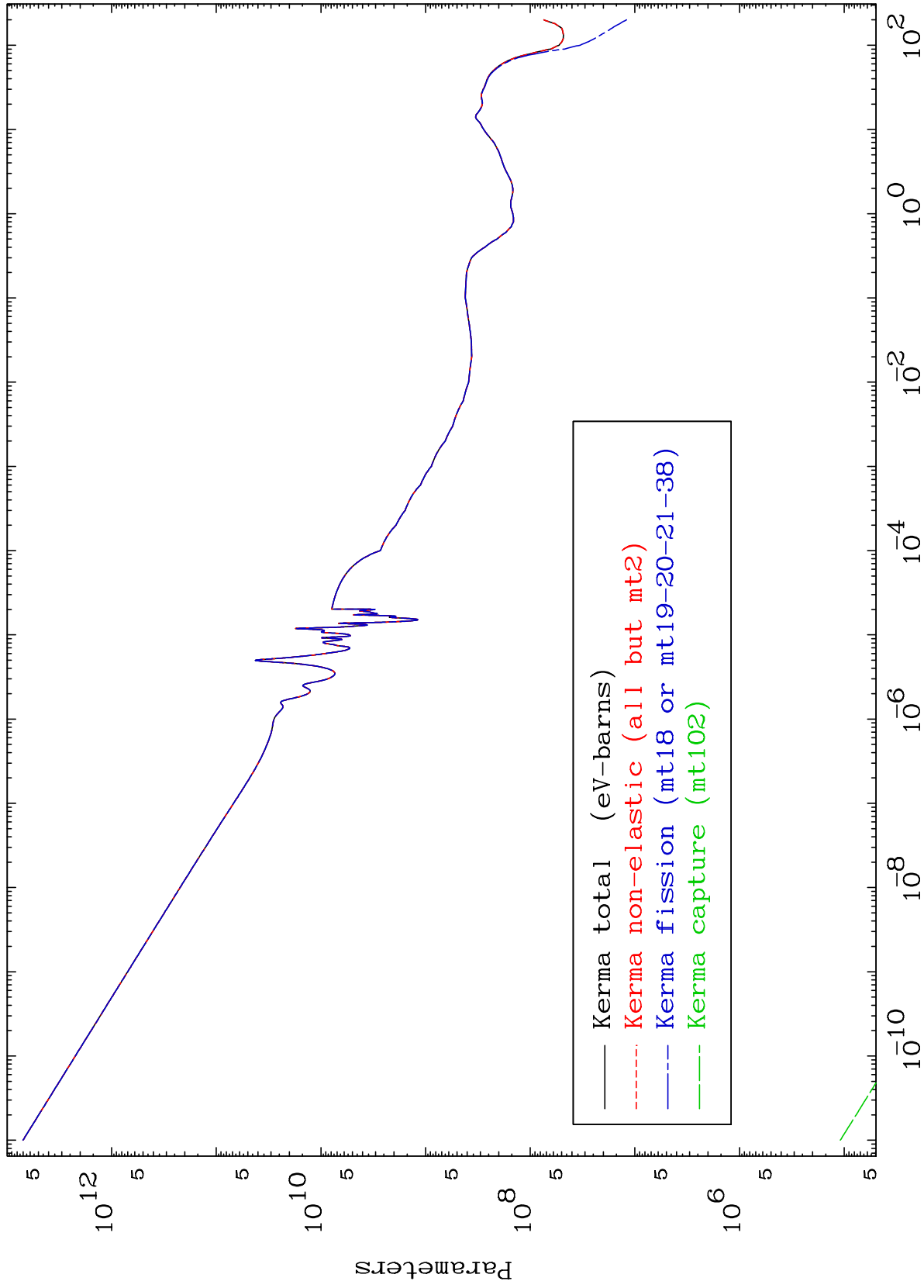
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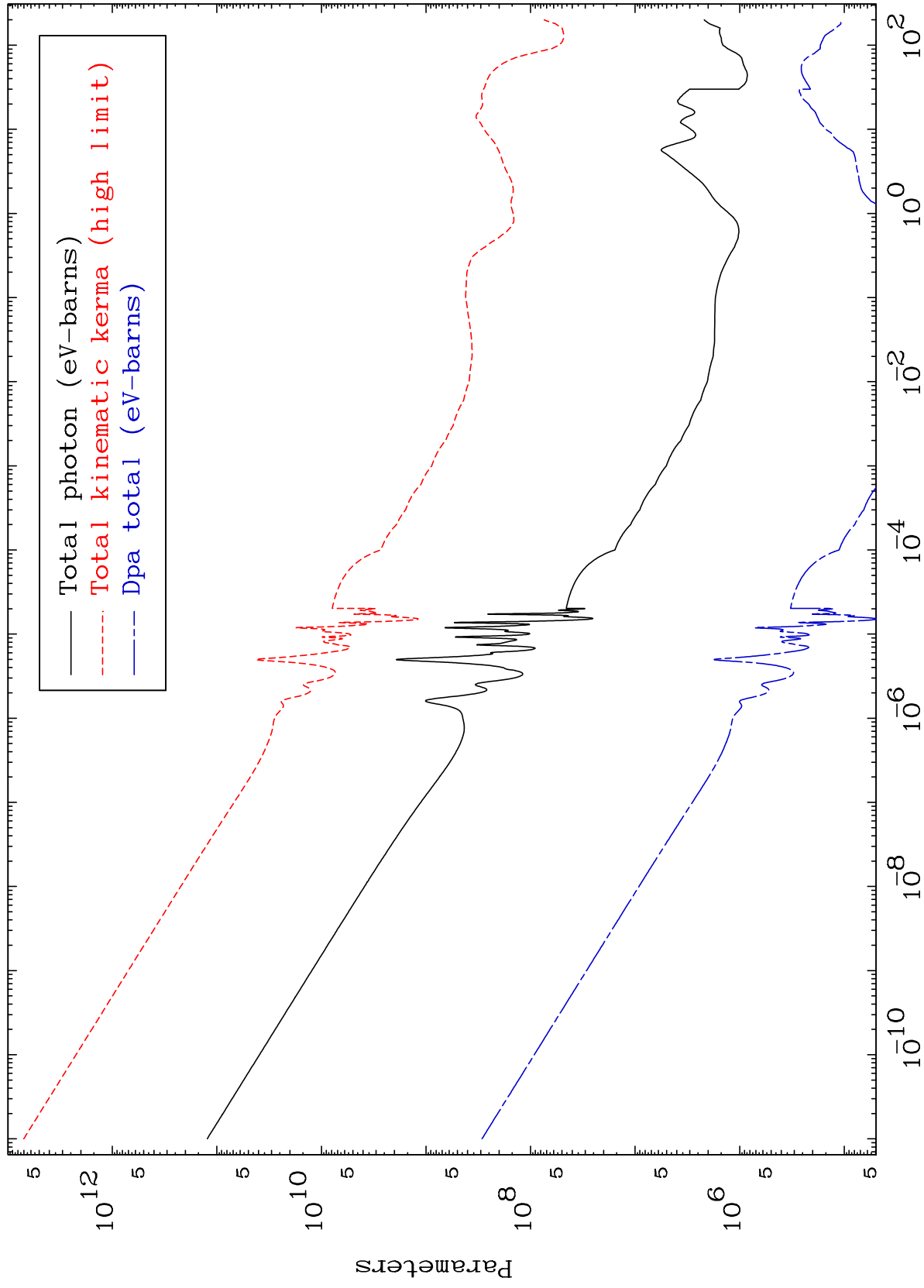
MAT 9349

(n, α) Levels
293 Kelvin Cross Sections

93-Np-238



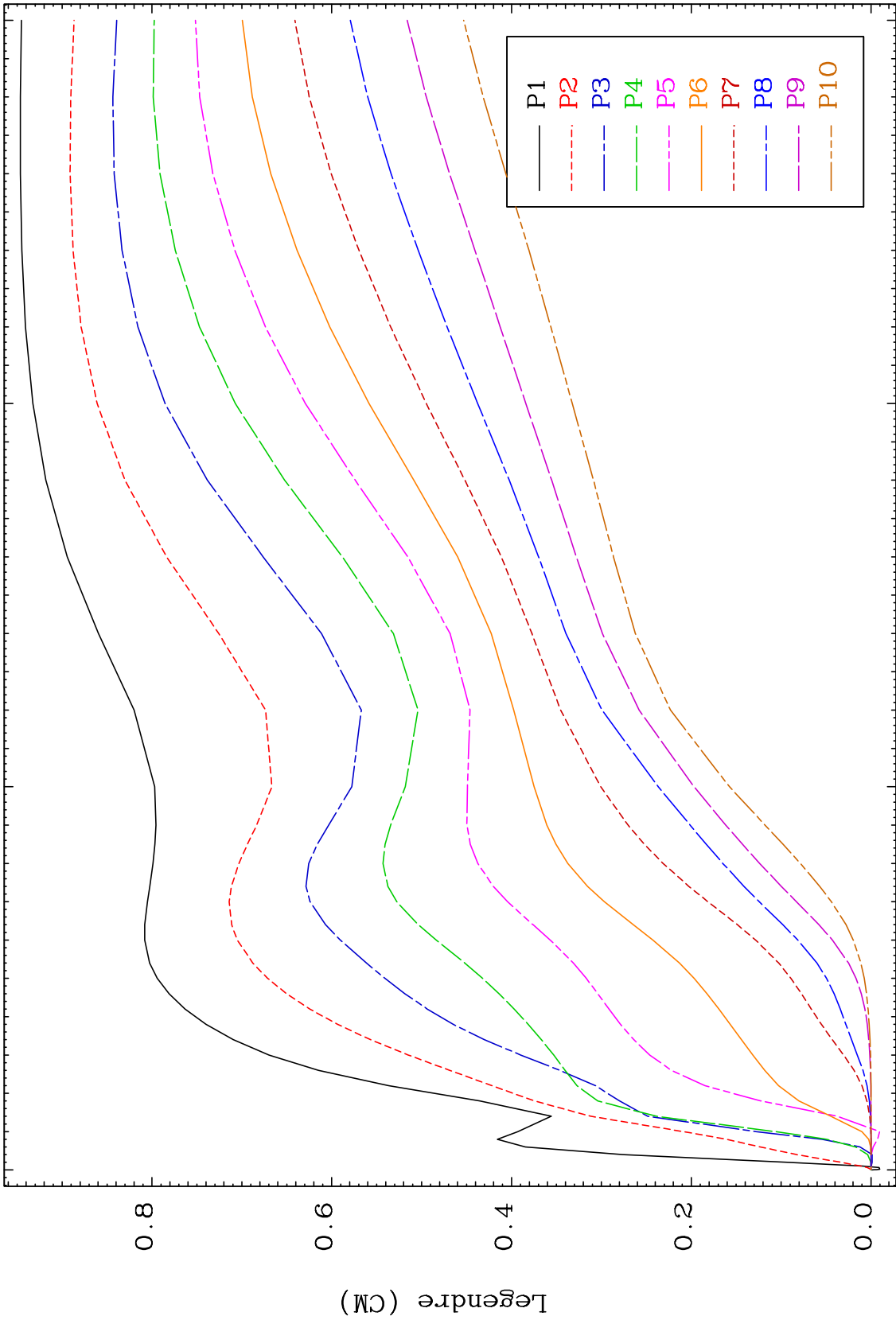




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93-Np-238

Elastic Legendre Coefficients



18

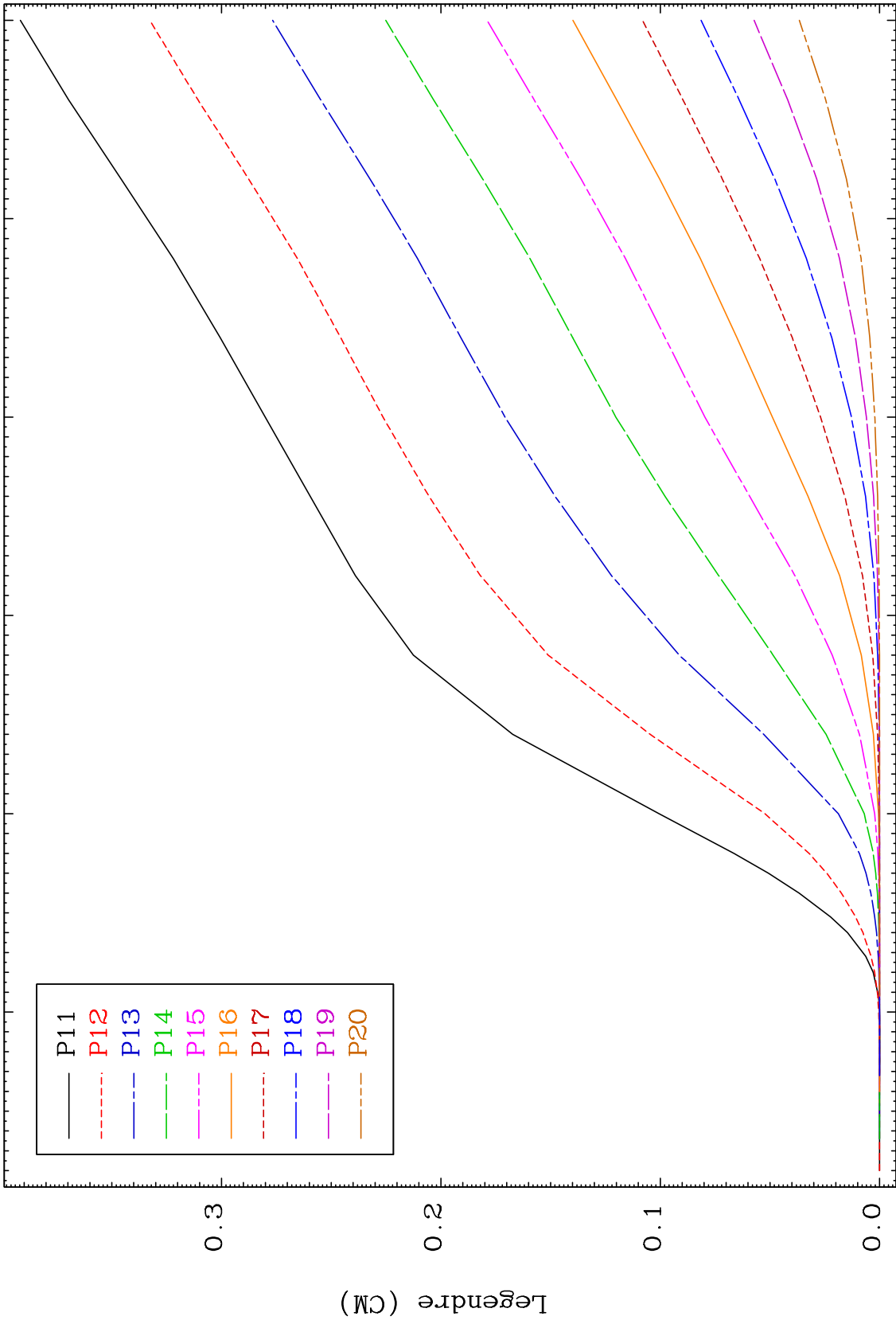
Incident Energy (MeV)

93-Np-238

MAT 9349

Elastic Legendre Coefficients

93-Np-238



19

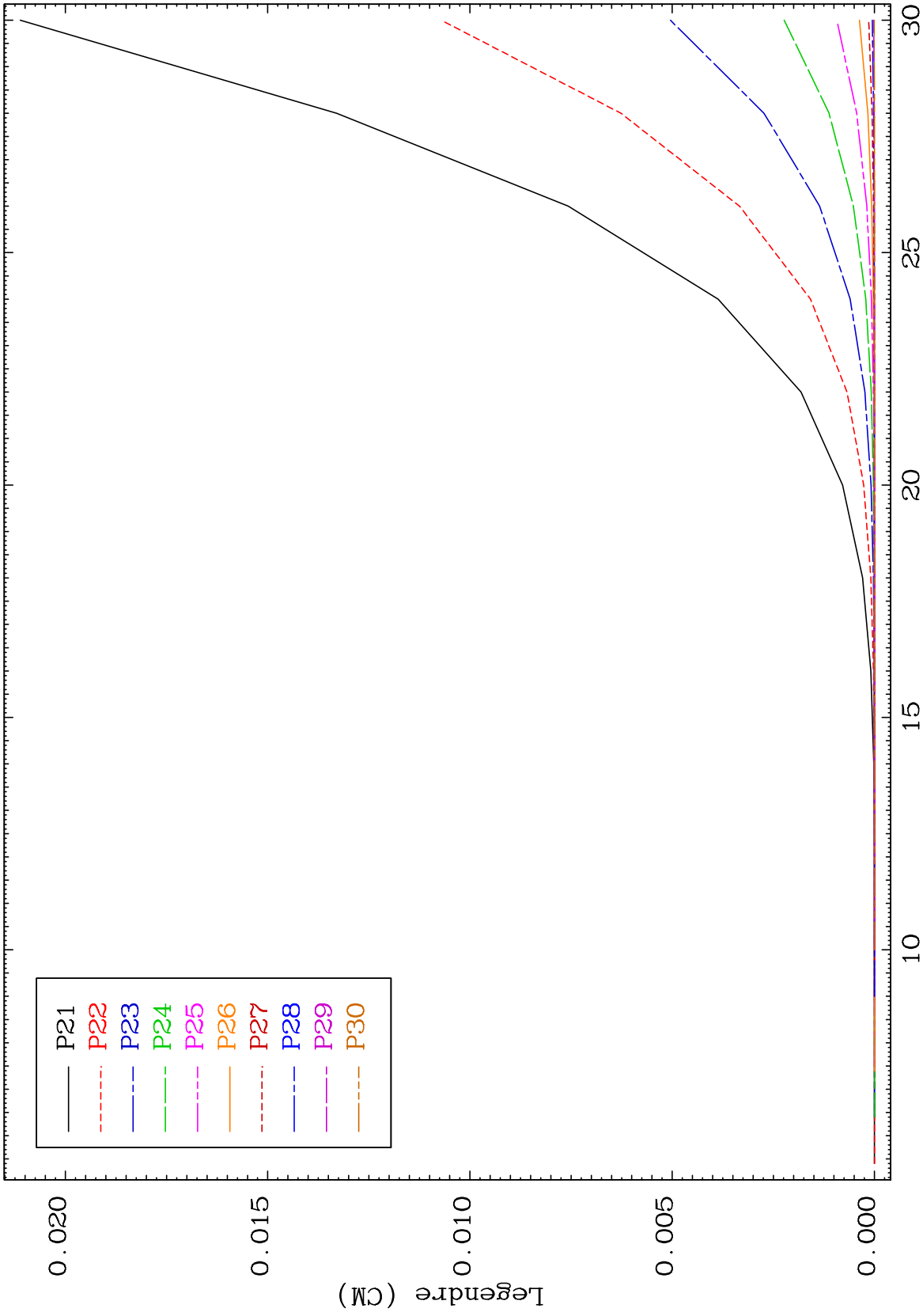
Incident Energy (MeV)

93-Np-238

MAT 9349

Elastic Legendre Coefficients

93-Np-238



20

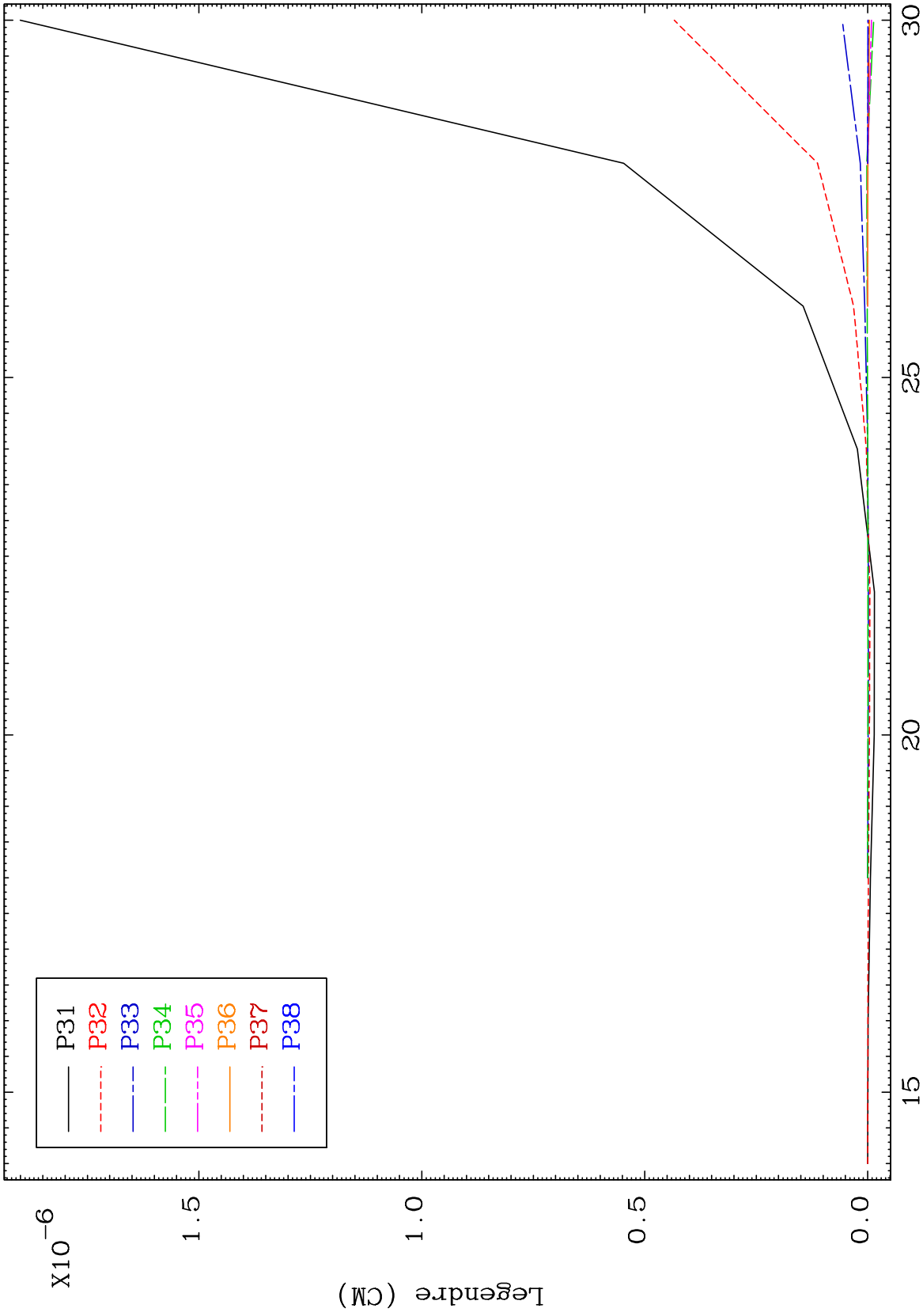
Incident Energy (MeV)

93-Np-238

MAT 9349

Elastic Legendre Coefficients

93-Np-238



21

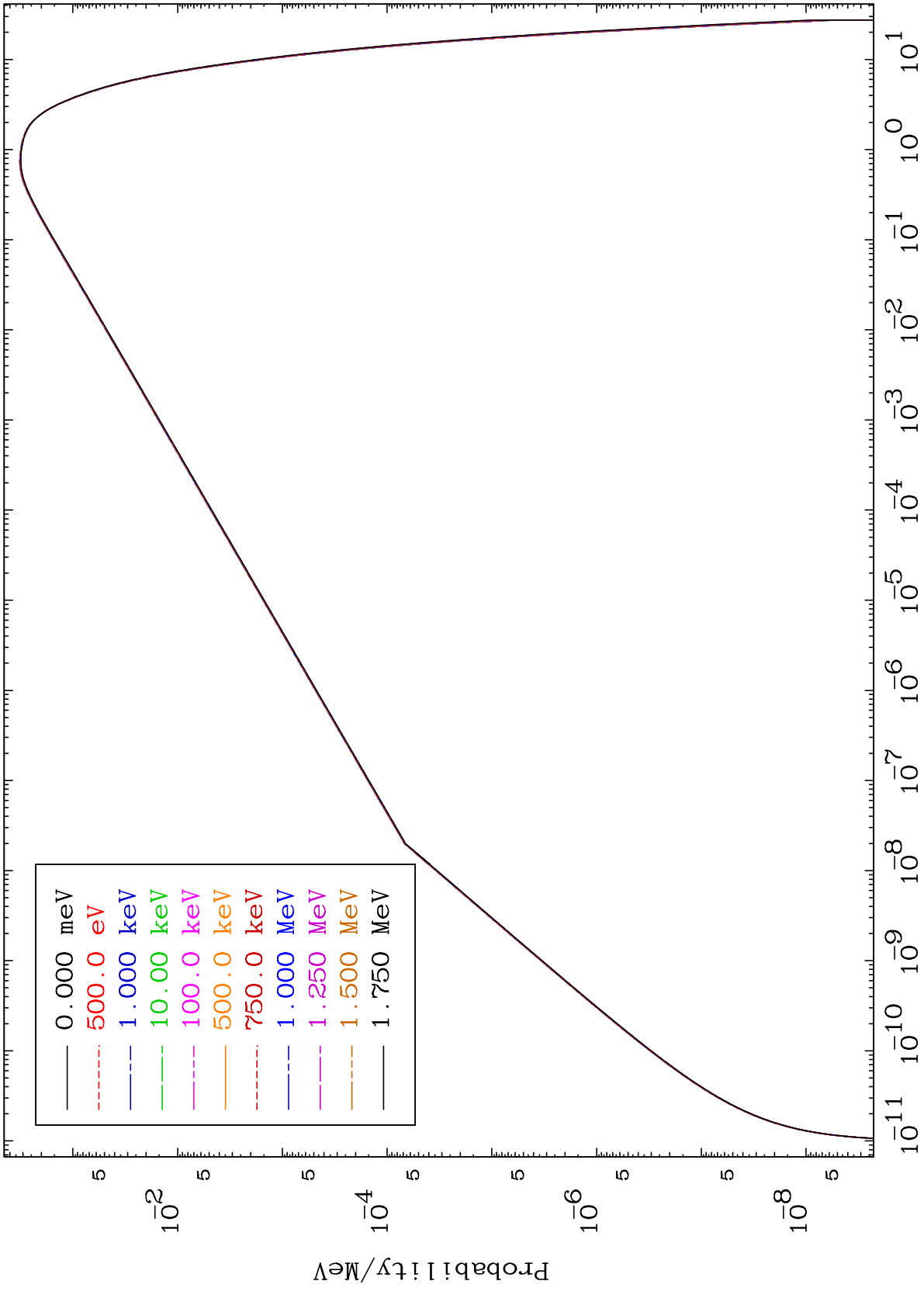
Incident Energy (MeV)

93-Np-238

MAT 9349

Fission Energy Distribution

93-Np-238



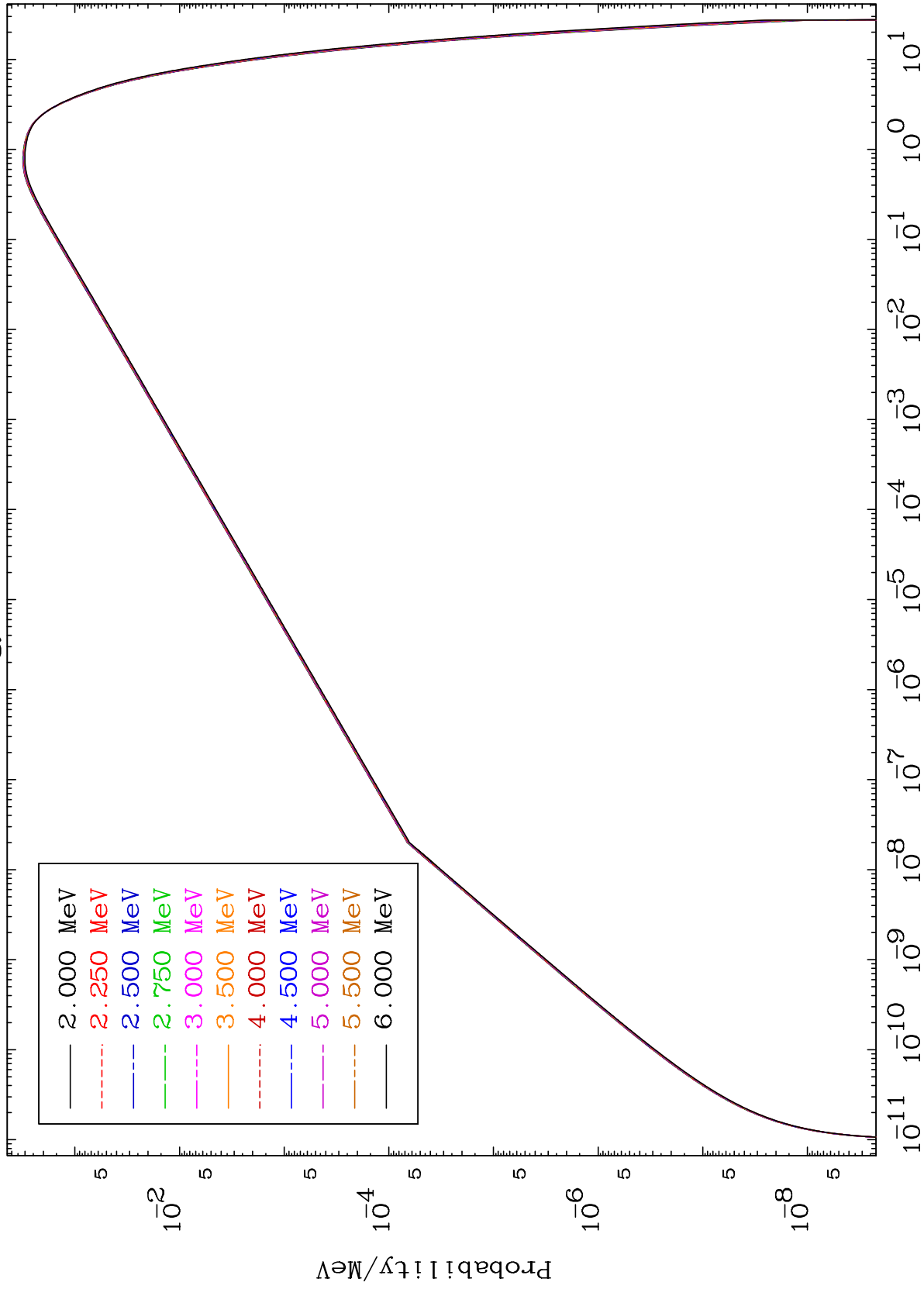
- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

93-Np-238

MAT 9349

Fission Energy Distribution

93-Np-238



23

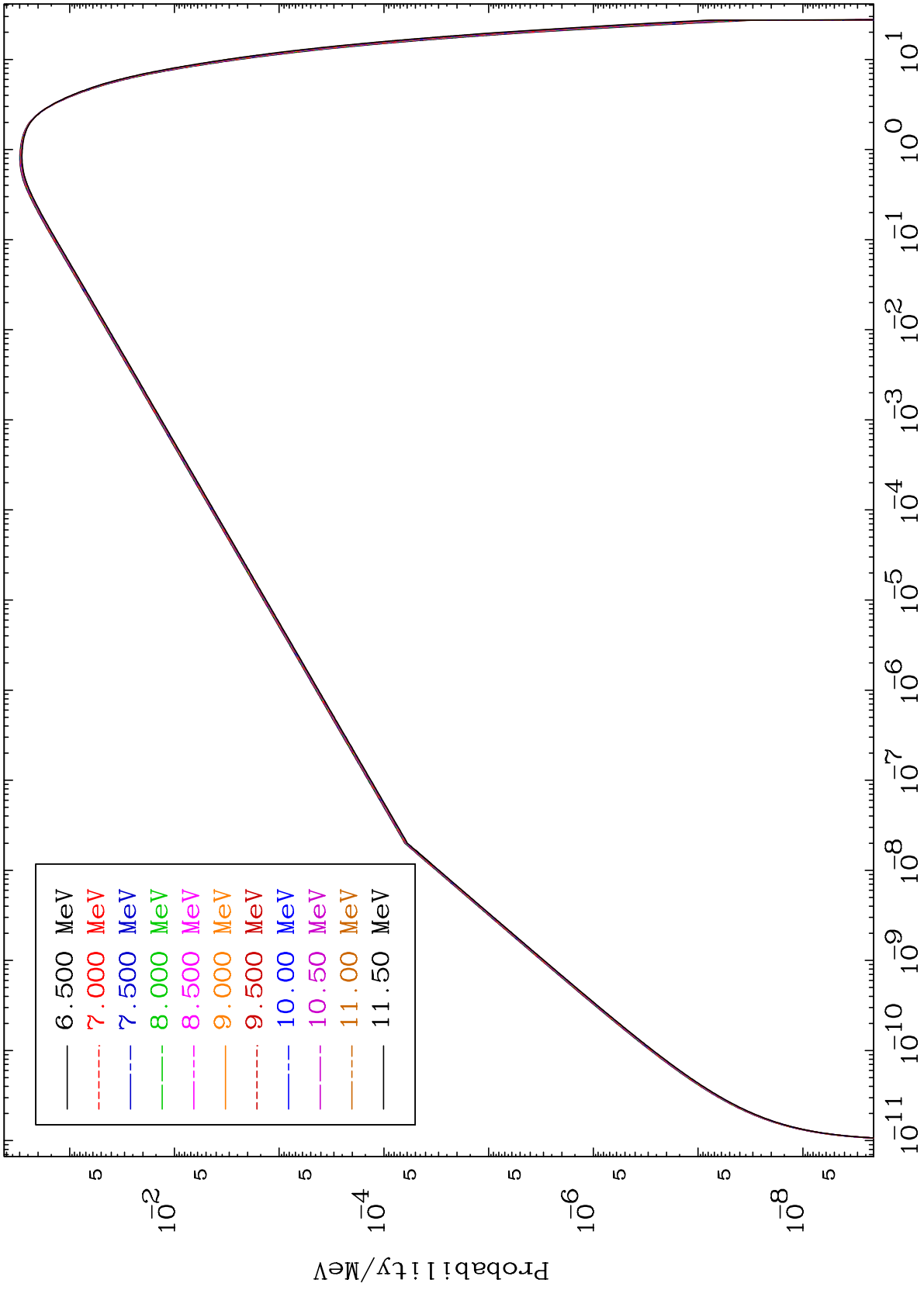
Secondary Energy (MeV)

93-Np-238

MAT 9349

Fission Energy Distribution

93-Np-238

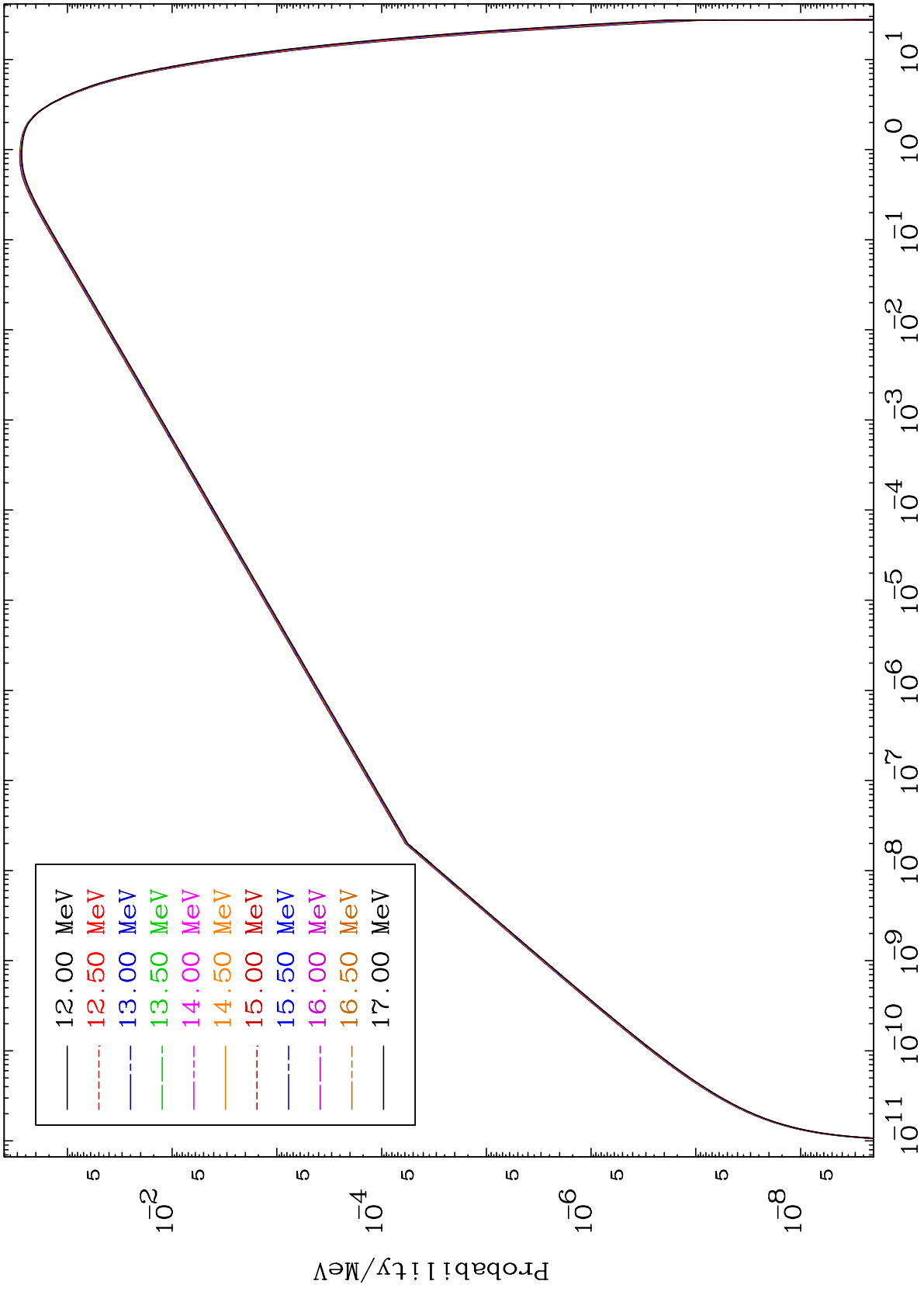


93-Np-238

MAT 9349

Fission Energy Distribution

93-Np-238

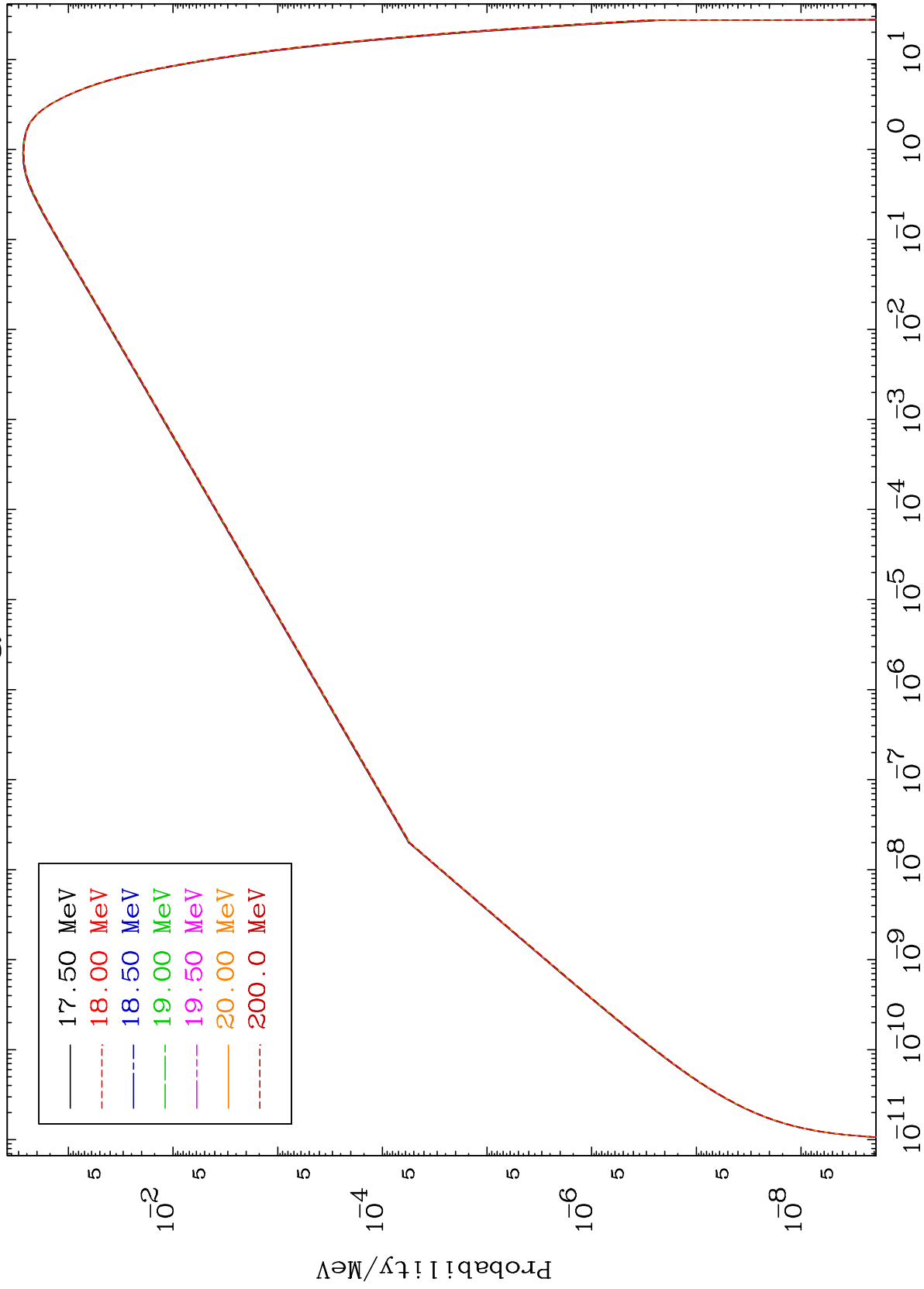


93-Np-238

MAT 9349

Fission Energy Distribution

93-Np-238



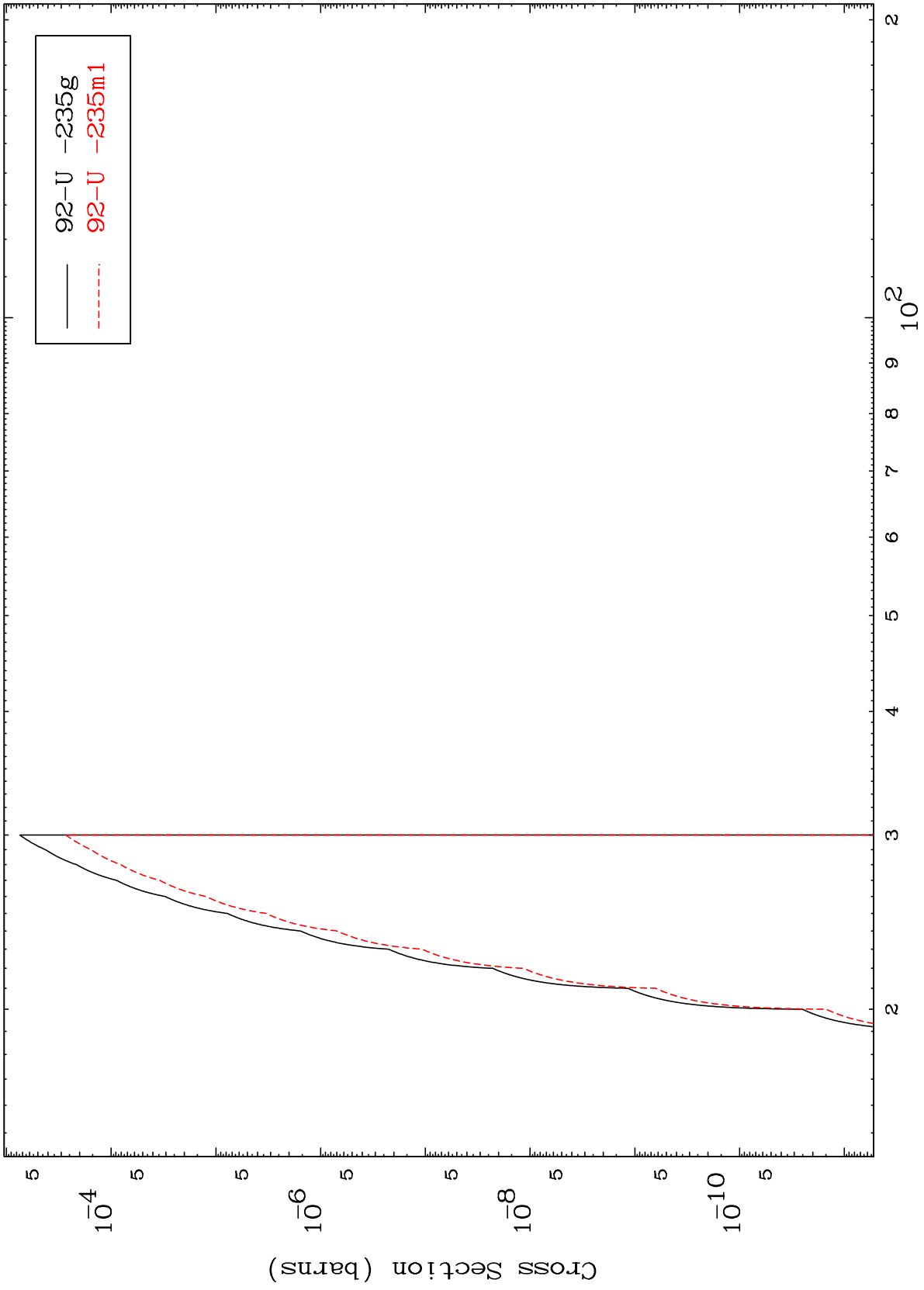
93-Np-238

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(n,2n) d

93-Np-238

Radionuclide Production Cross Section



92-U -235g
92-U -235m1

27

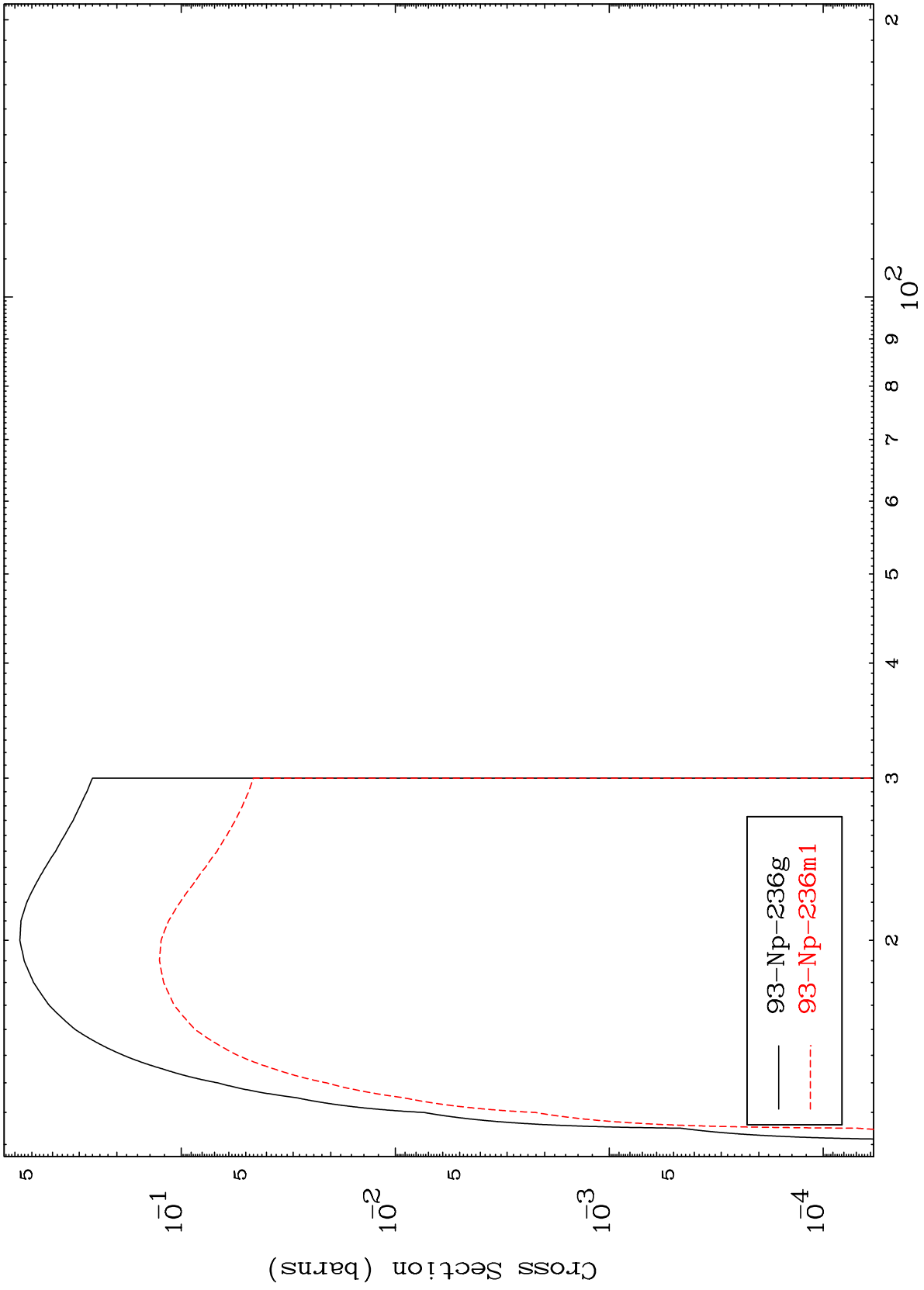
Incident Energy (MeV)

93-Np-238

MAT 9349

93-Np-238

(n,3n)
Radionuclide Production Cross Section



28

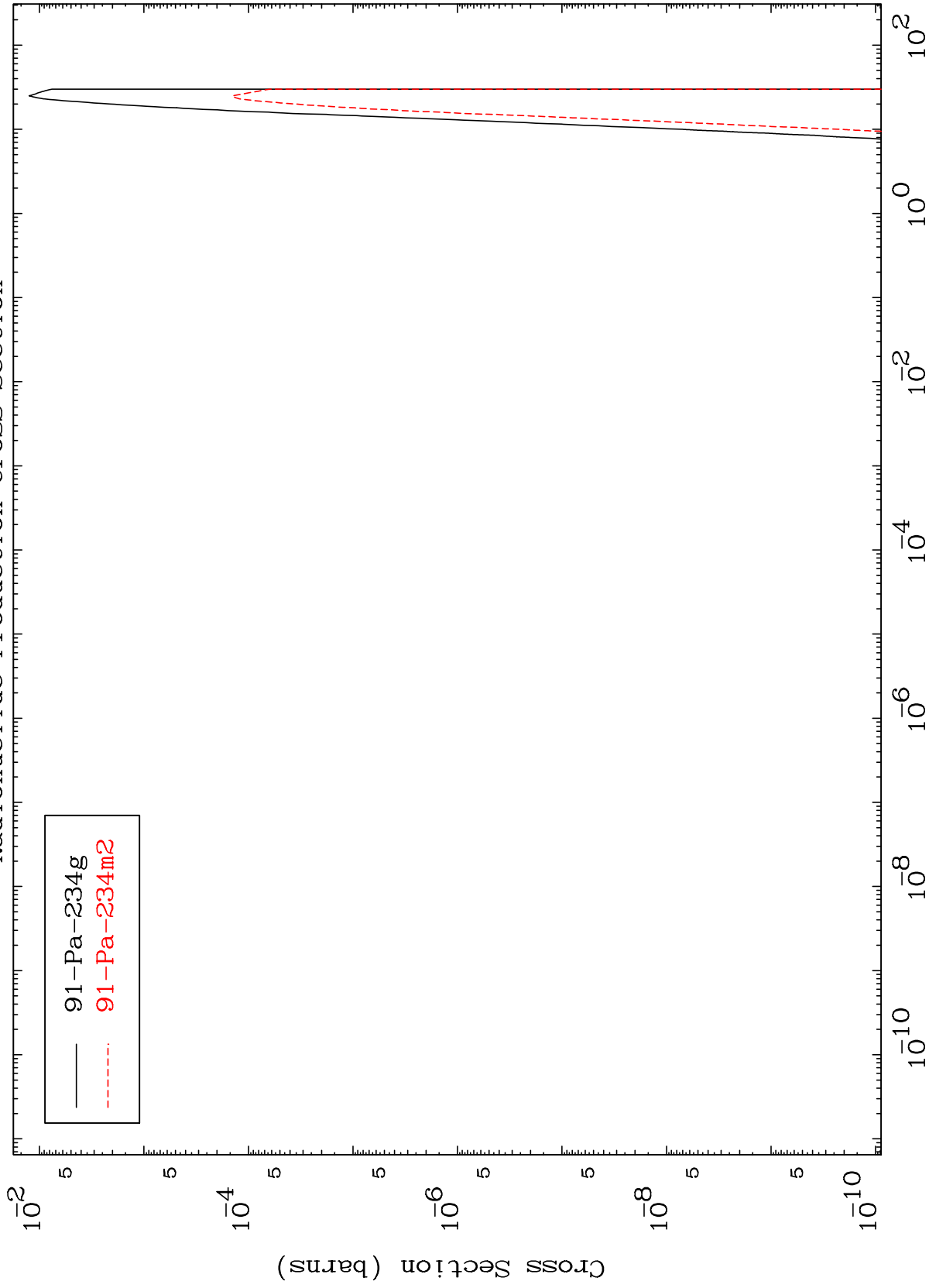
93-Np-238

MAT 9349

(n,n') α

93-Np-238

Radionuclide Production Cross Section



29

Incident Energy (MeV)

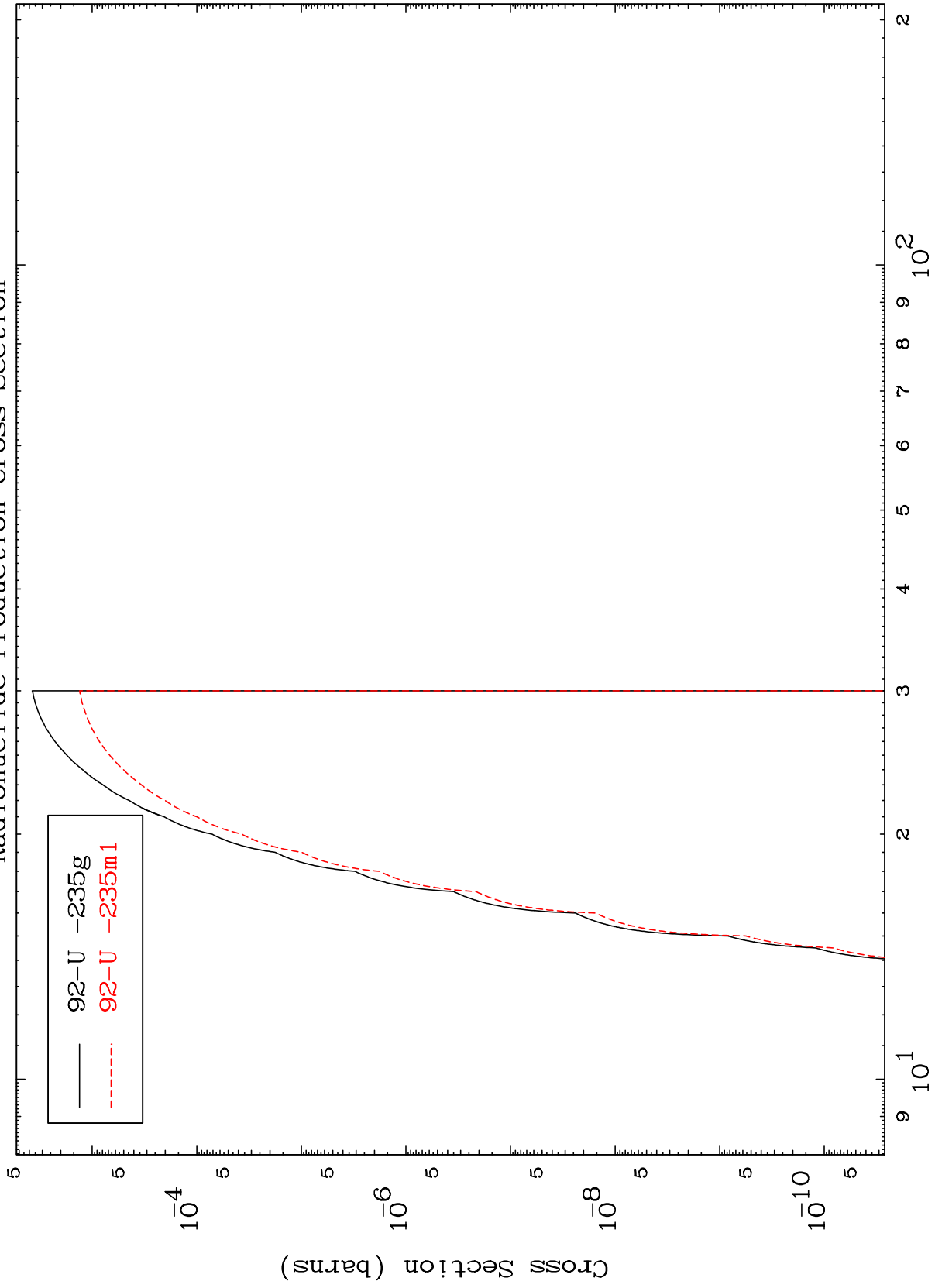
93-Np-238

MAT 9349

(n,n') t

93-Np-238

Radionuclide Production Cross Section



30

Incident Energy (MeV)

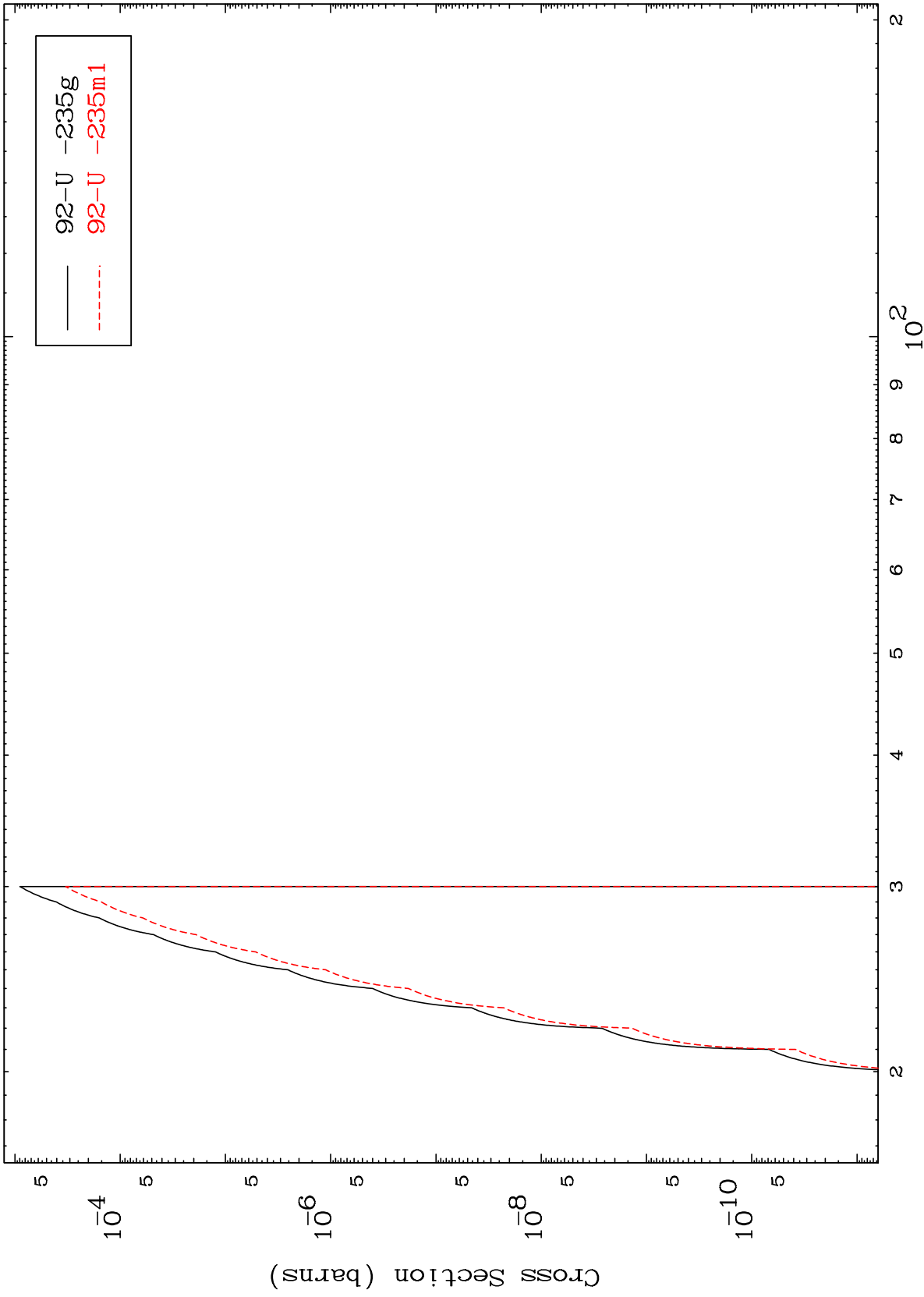
93-Np-238

MAT 9349

(n,3n) p

93-Np-238

Radionuclide Production Cross Section



31

Incident Energy (MeV)

93-Np-238