

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

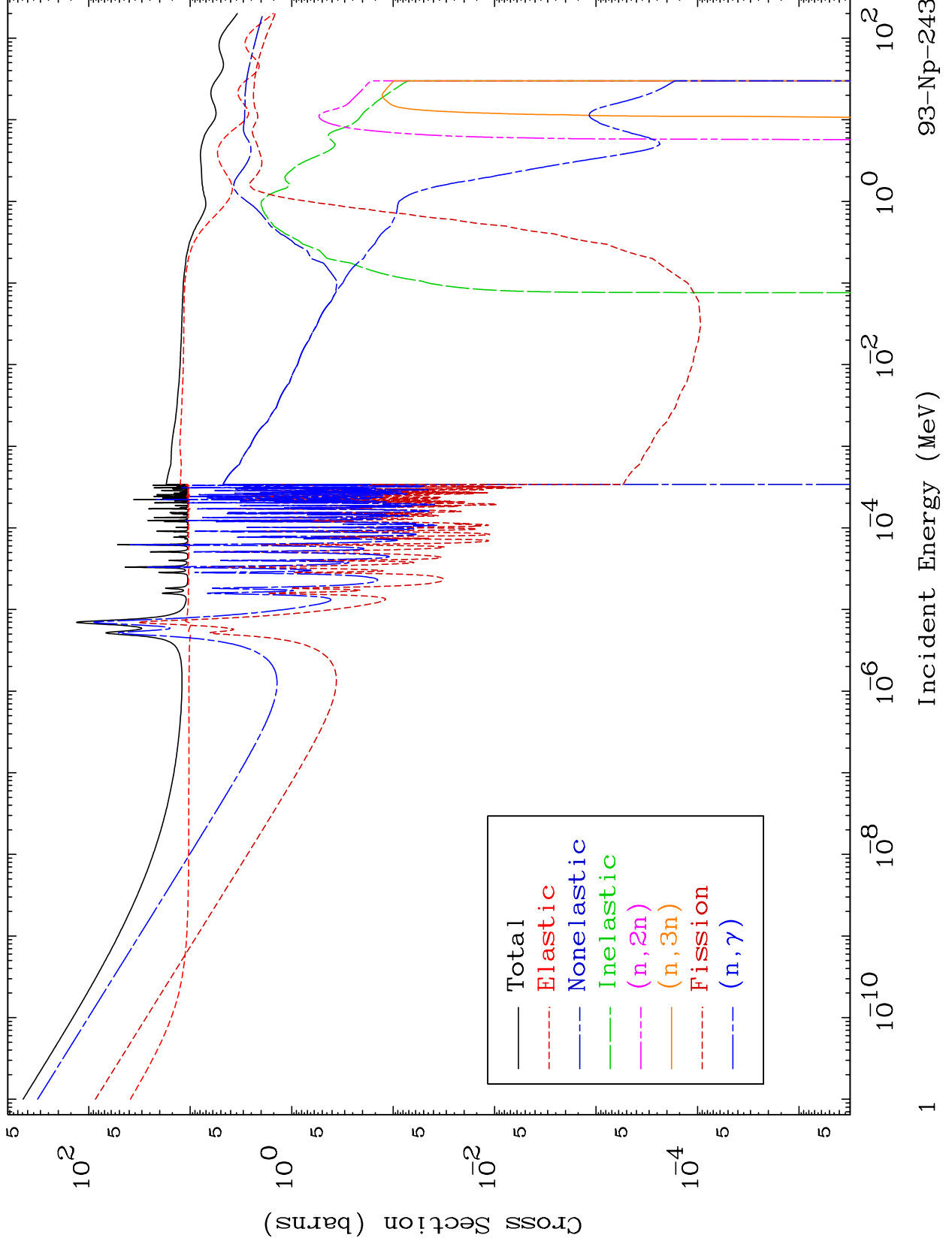
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9364

Neutron Major
293 Kelvin Cross Sections

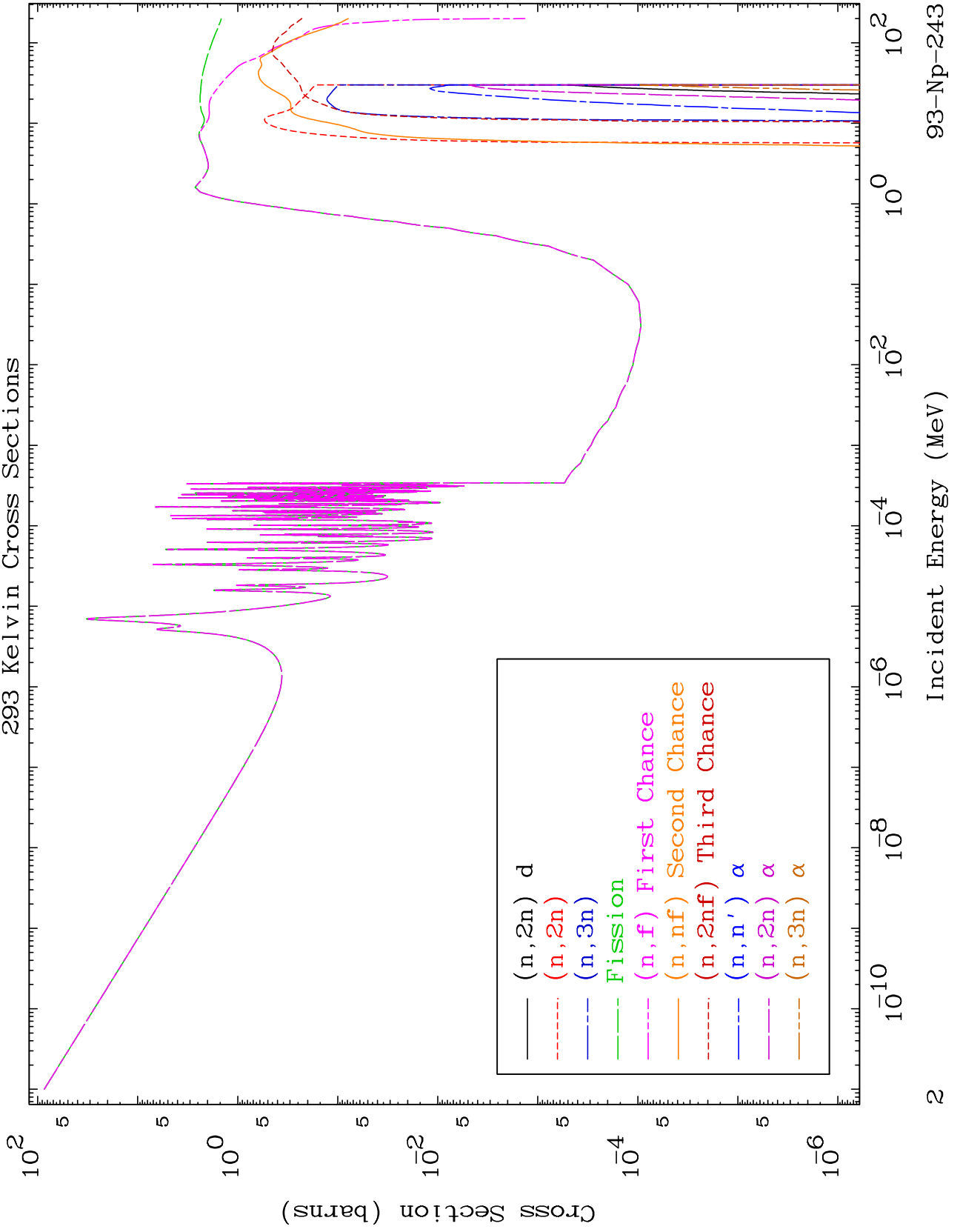
93-Np-243



MAT 9364

Neutron Absorption
293 Kelvin Cross Sections

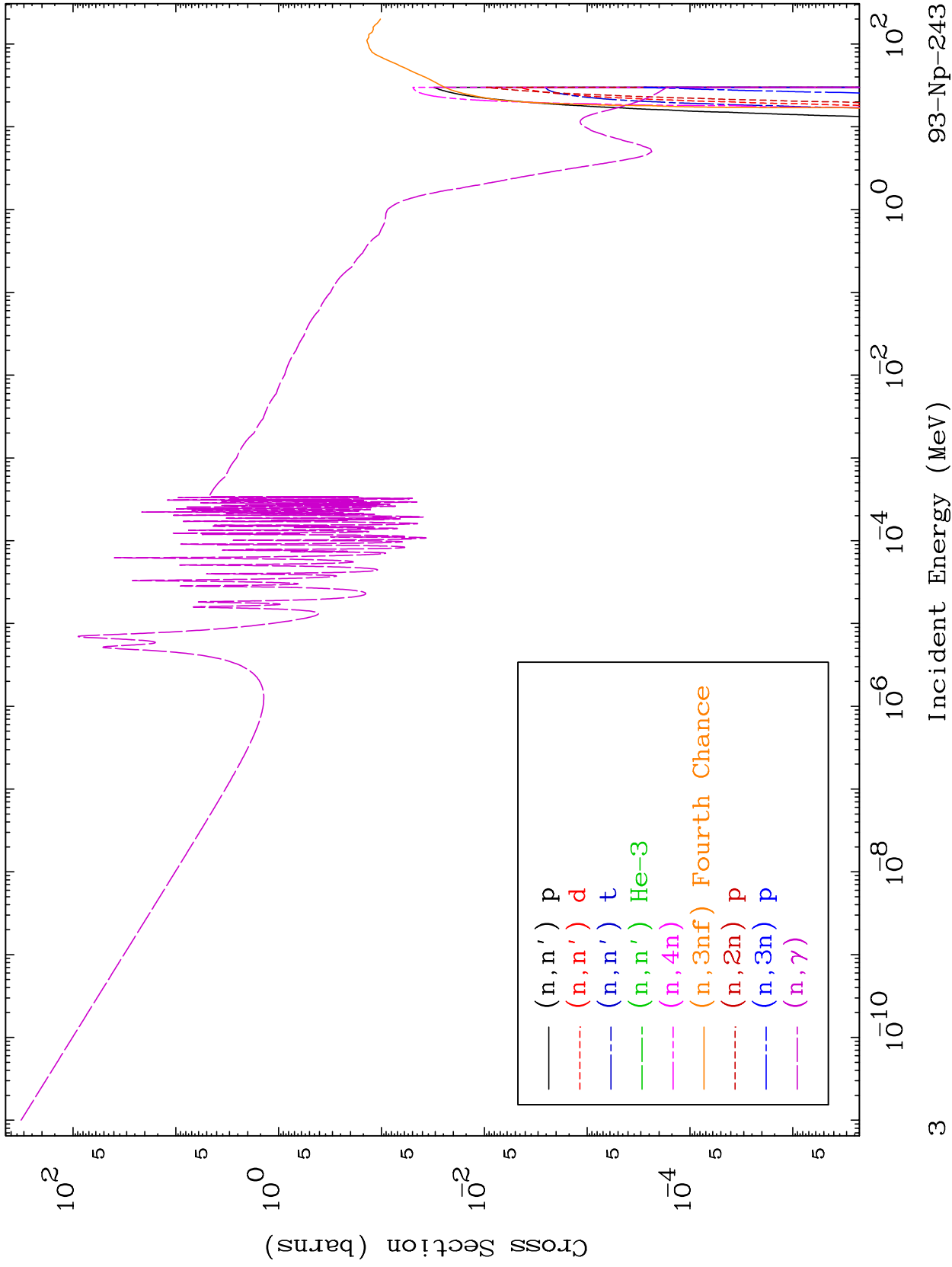
93-Np-243

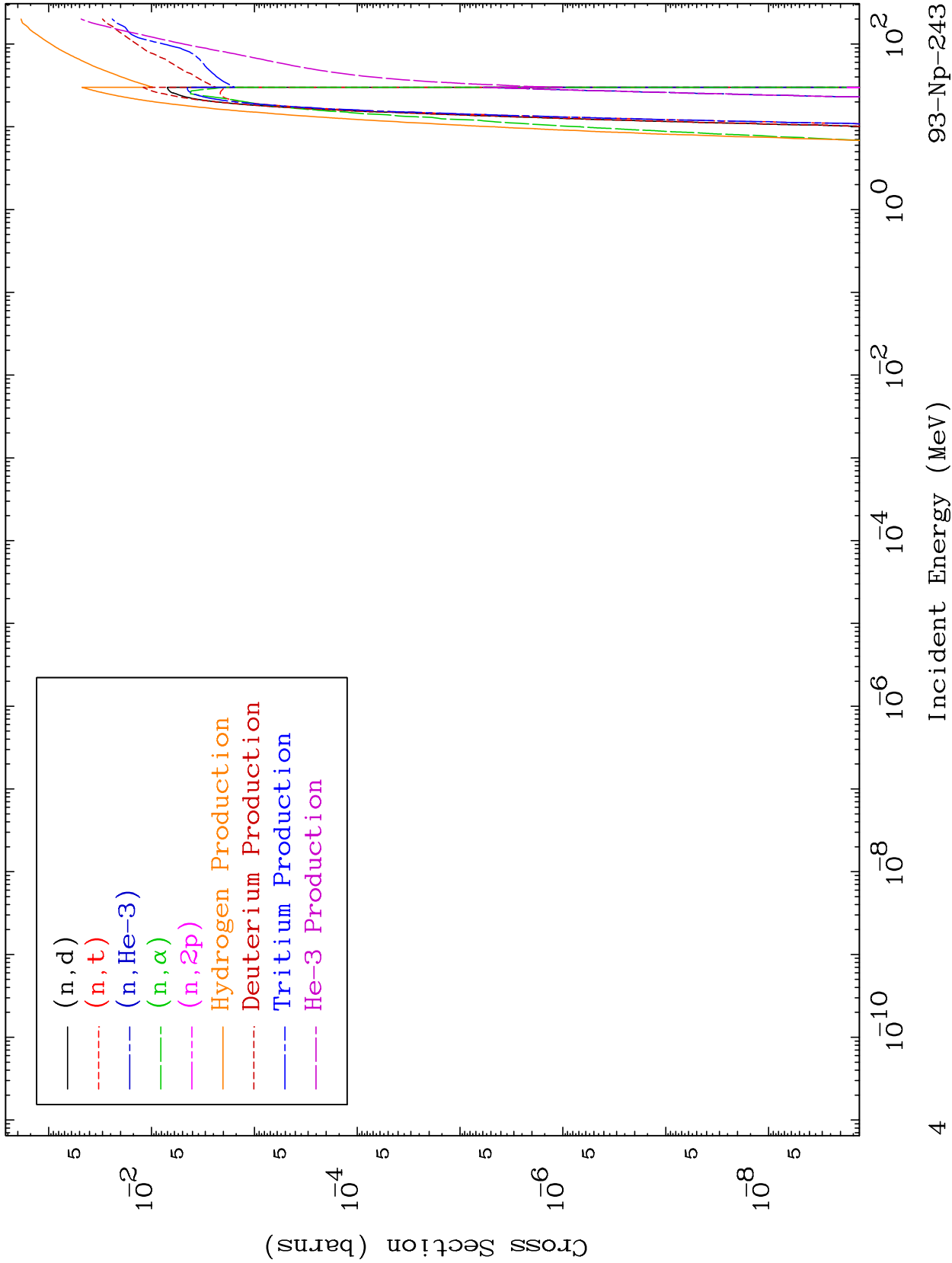


MAT 9364

Neutron Absorption
293 Kelvin Cross Sections

93-Np-243

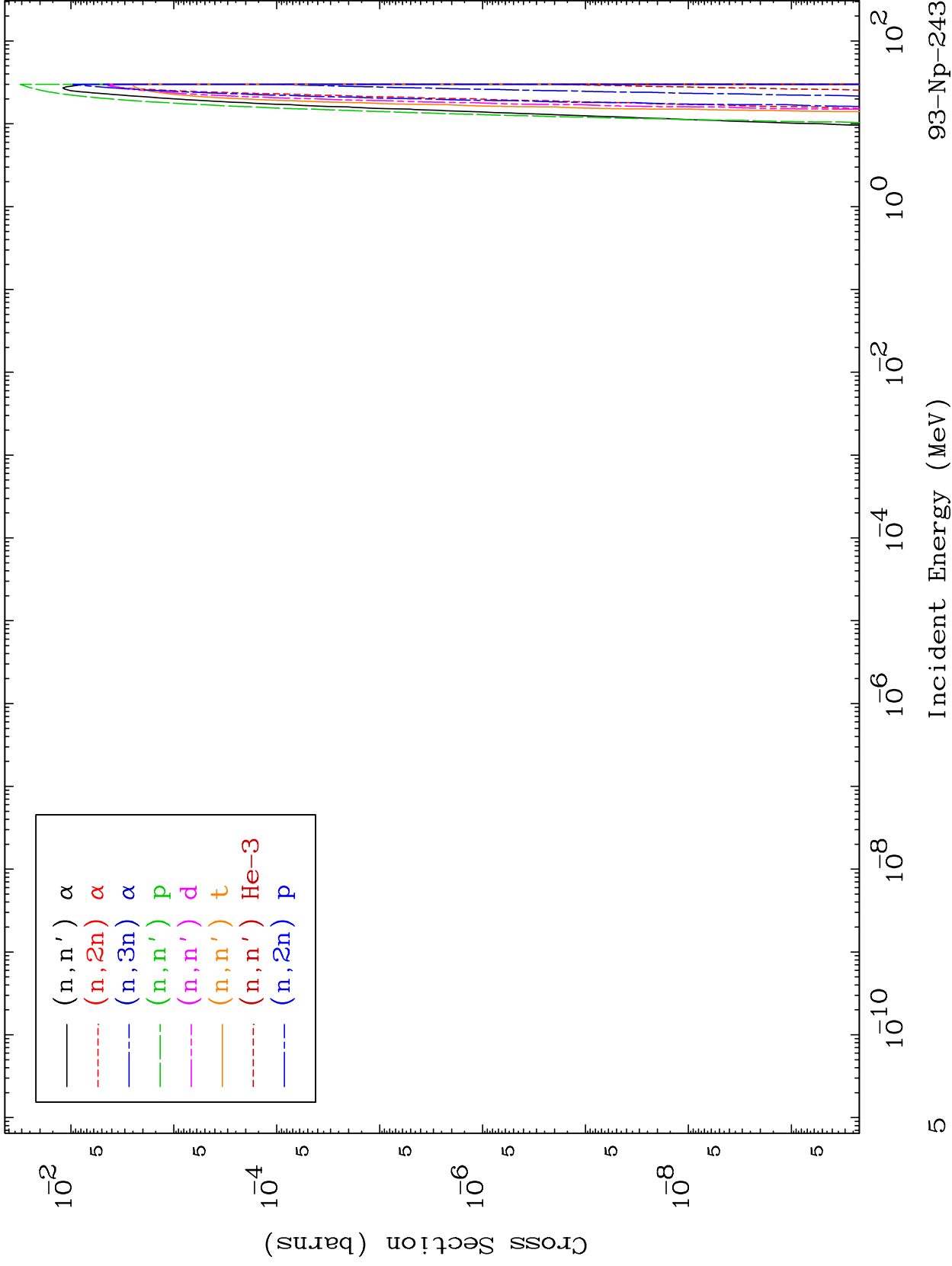




MAT 9364

Charged Particle
293 Kelvin Cross Sections

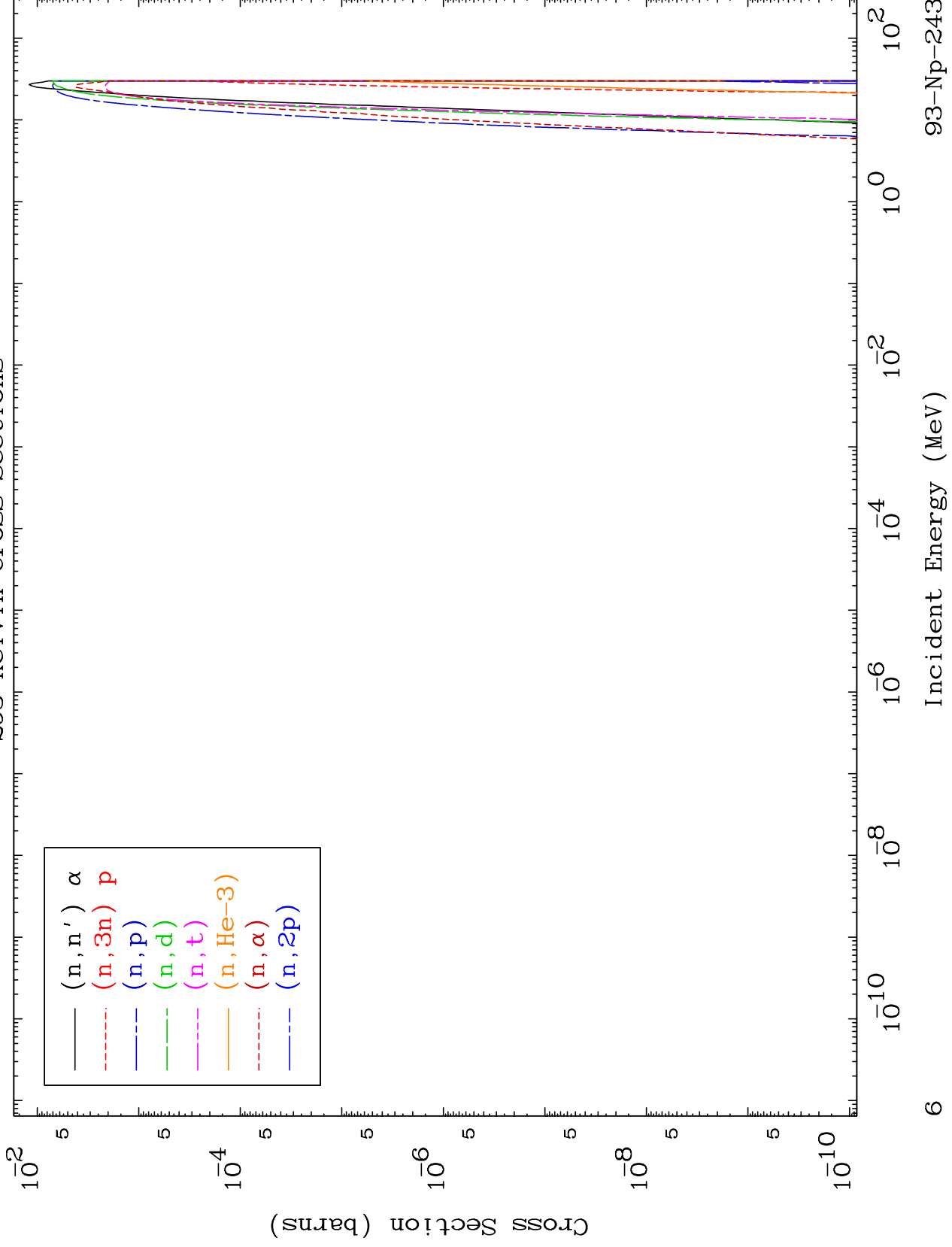
93-Np-243



MAT 9364

Charged Particle
293 Kelvin Cross Sections

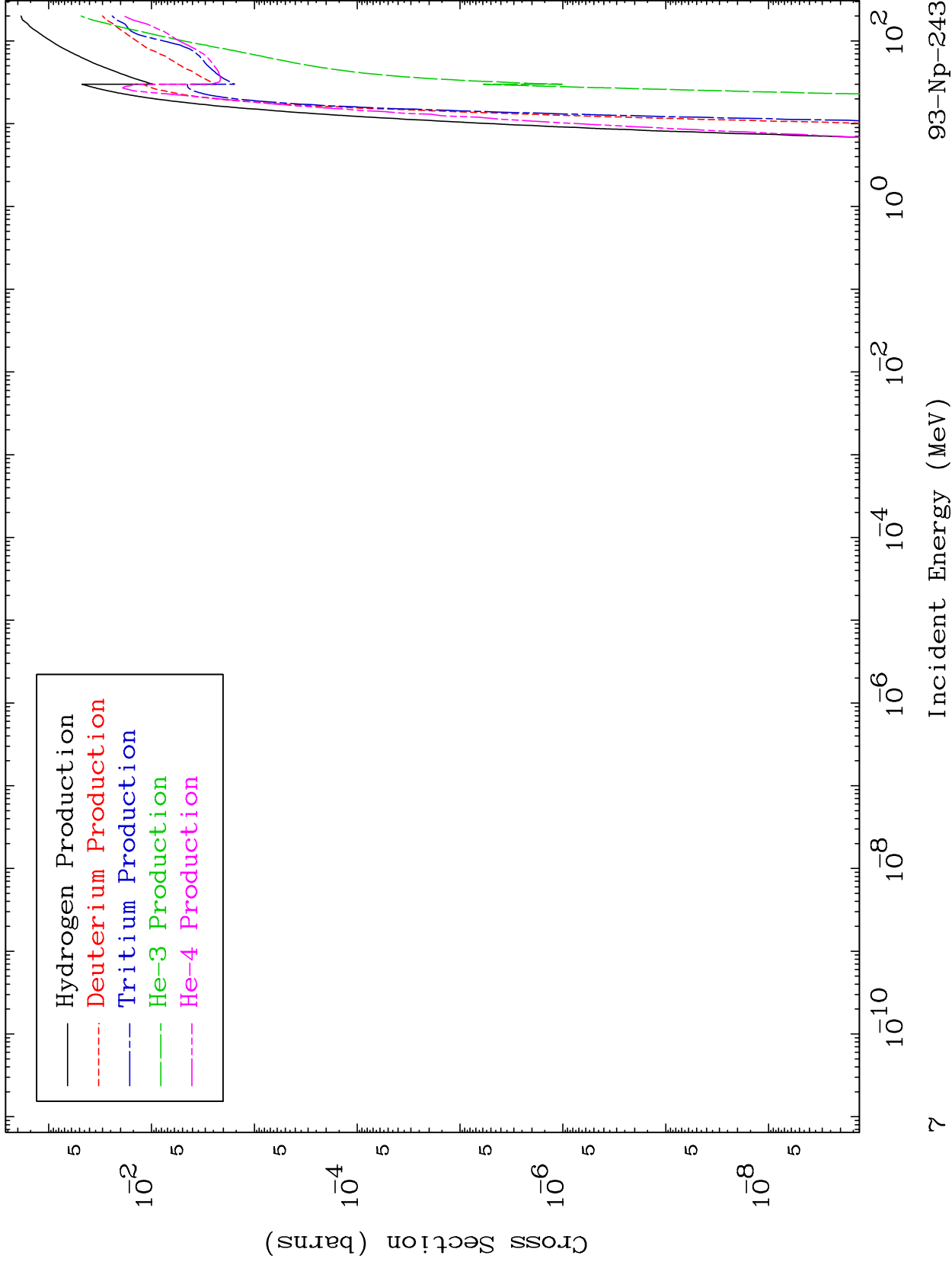
93-Np-243



MAT 9364

Particle Production
293 Kelvin Cross Sections

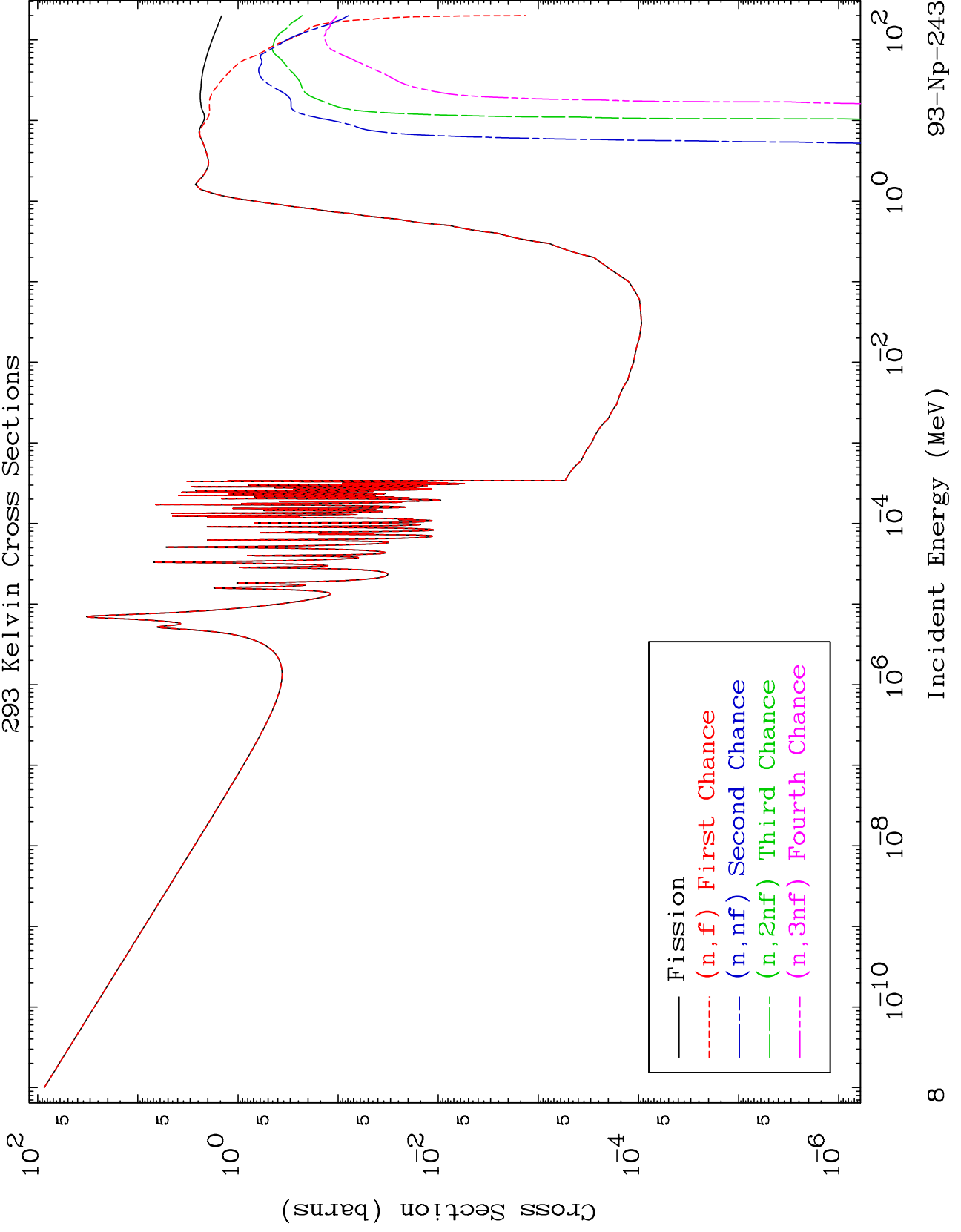
93-Np-243

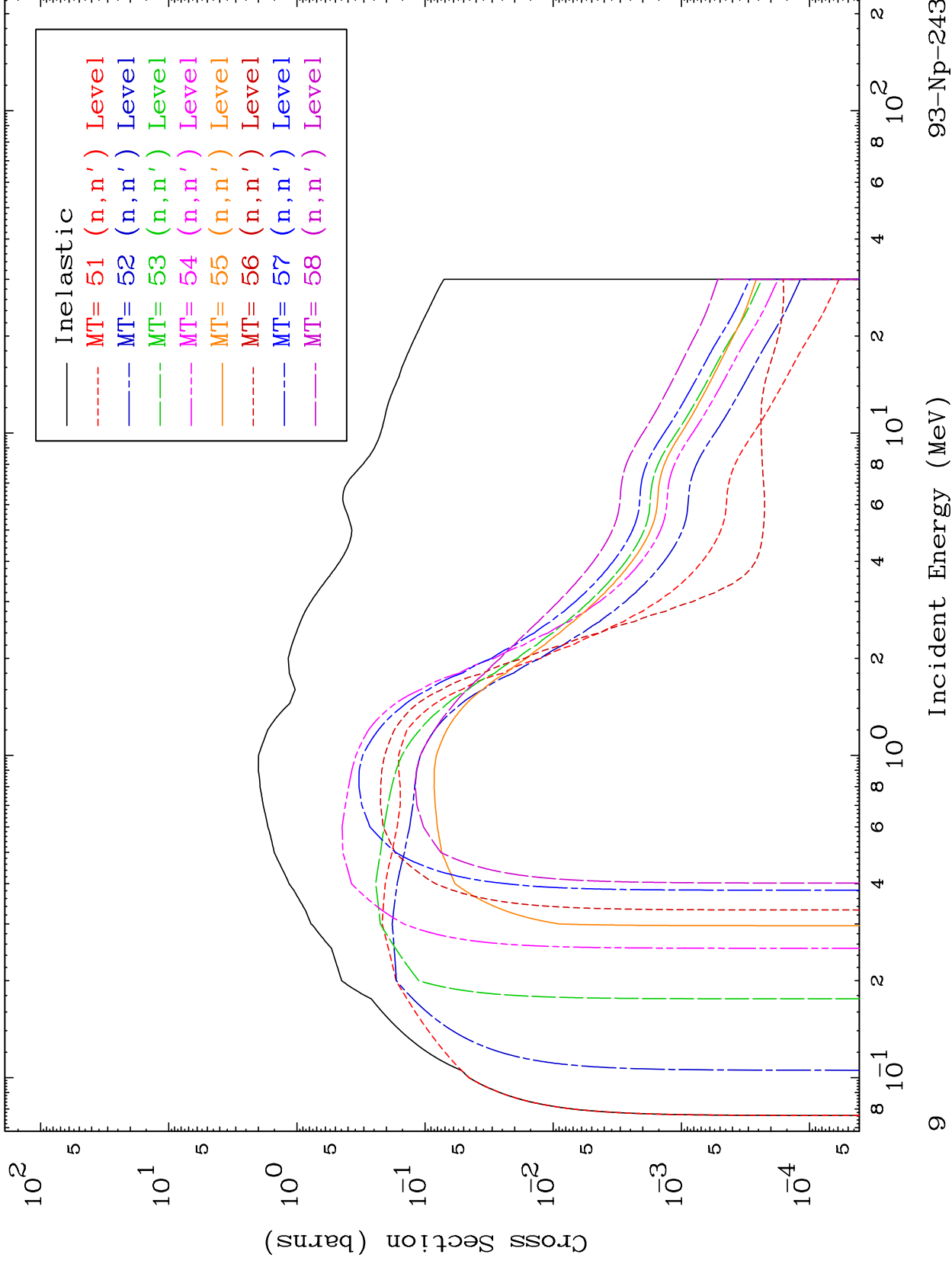


MAT 9364

Fission
293 Kelvin Cross Sections

93-Np-243



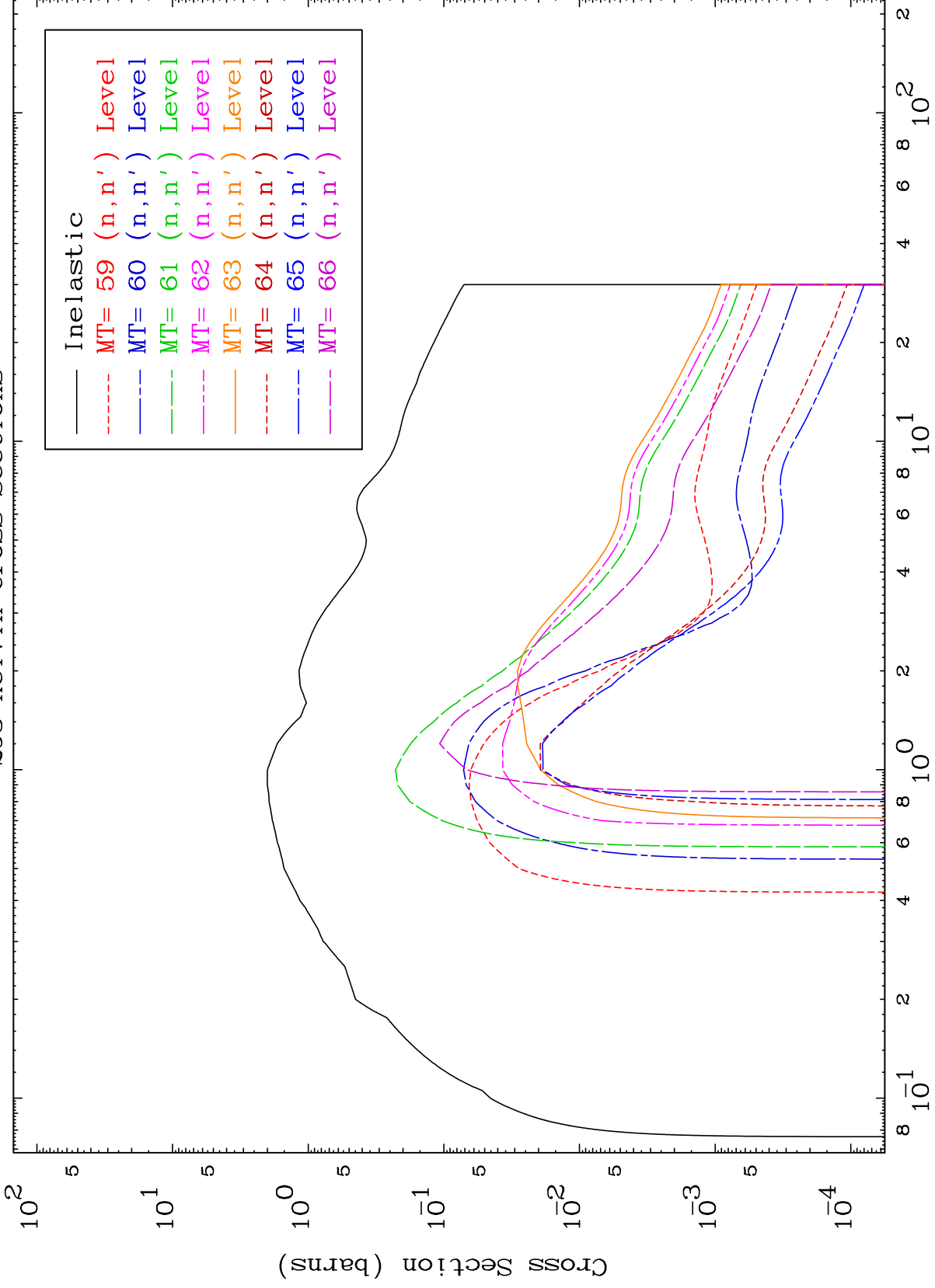


MAT 9364

(n,n') Levels

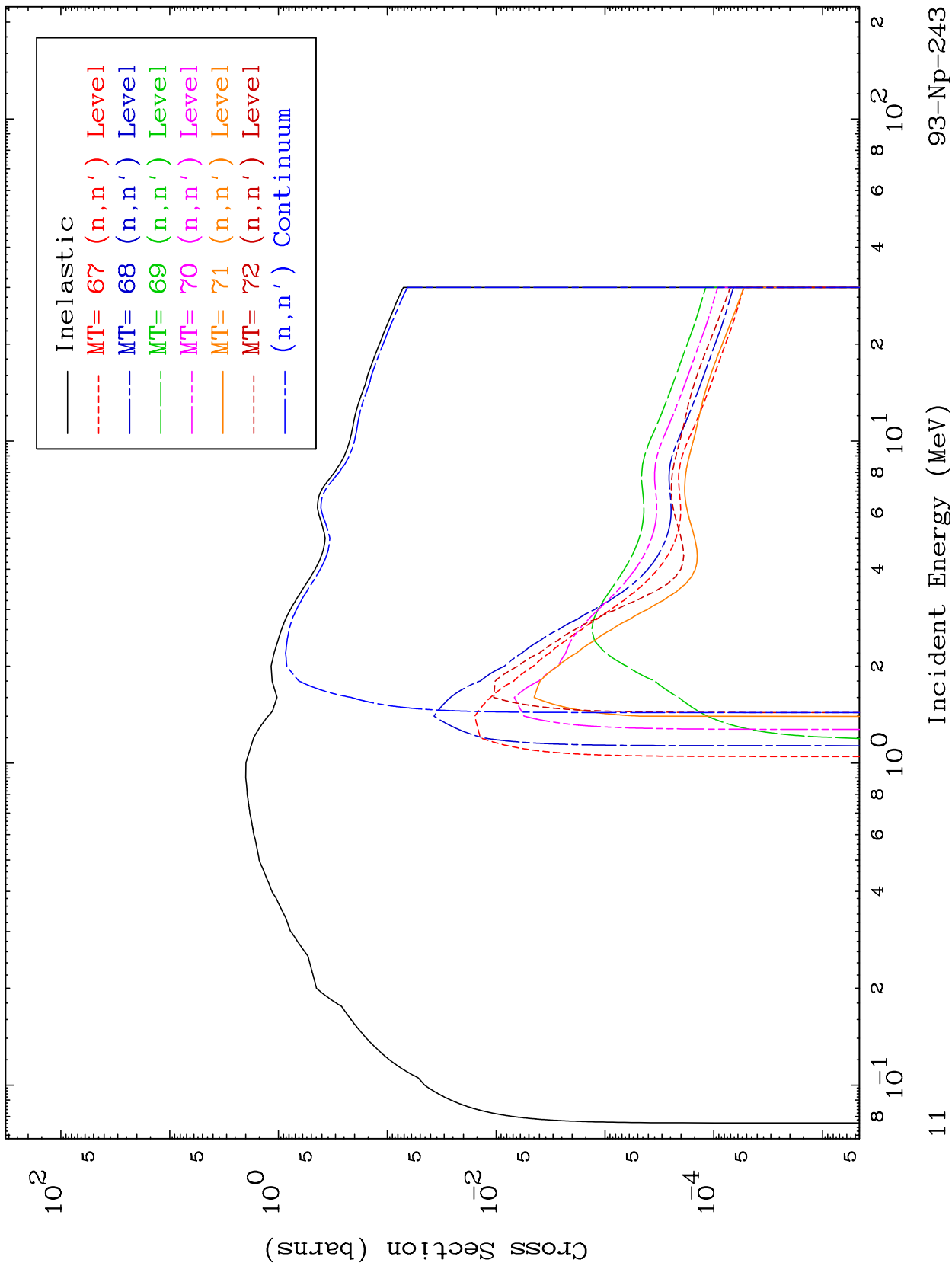
93-Np-243

293 Kelvin Cross Sections



Incident Energy (MeV)

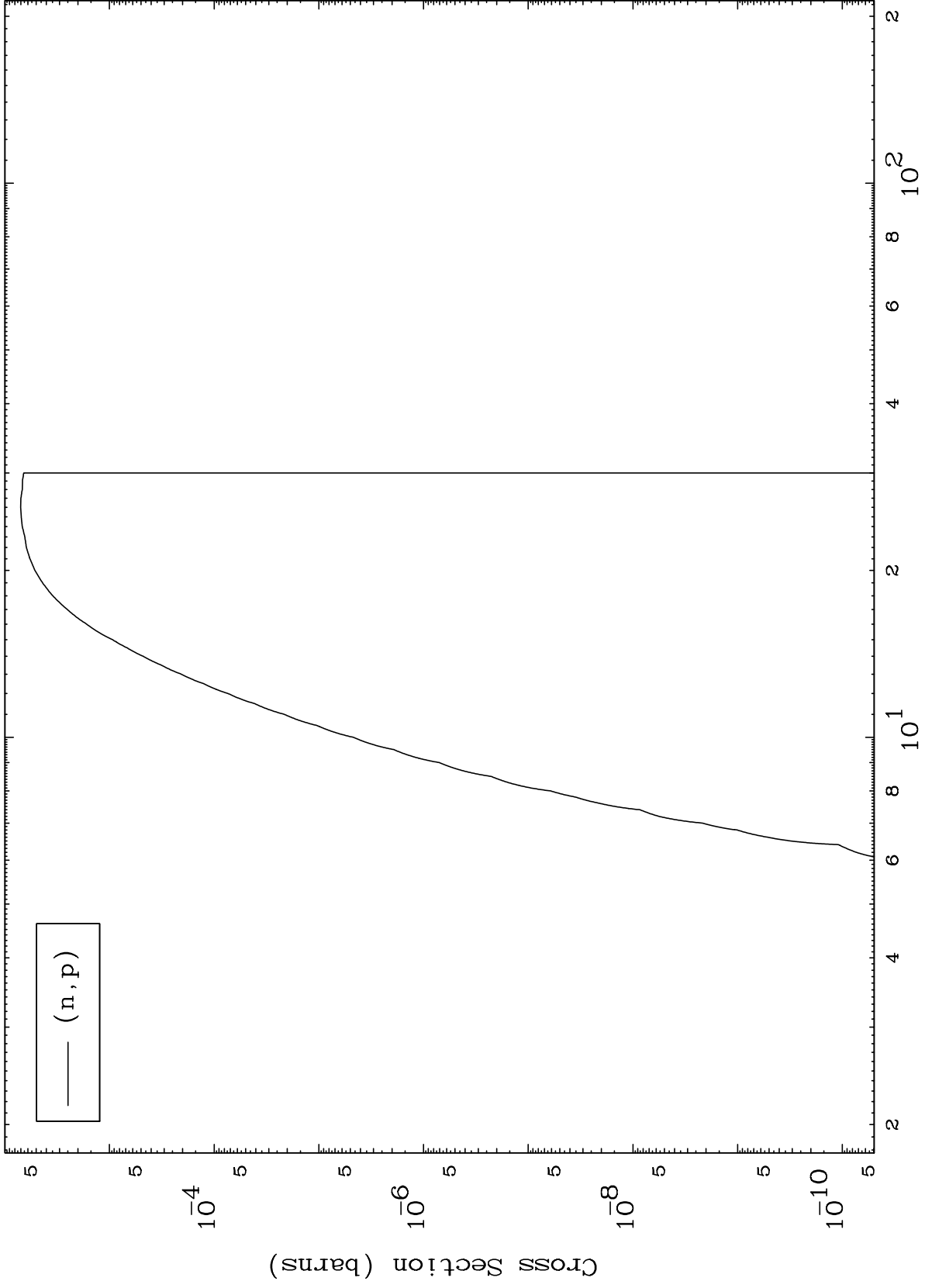
93-Np-243



MAT 9364

(n,p) Levels
293 Kelvin Cross Sections

93-Np-243



12

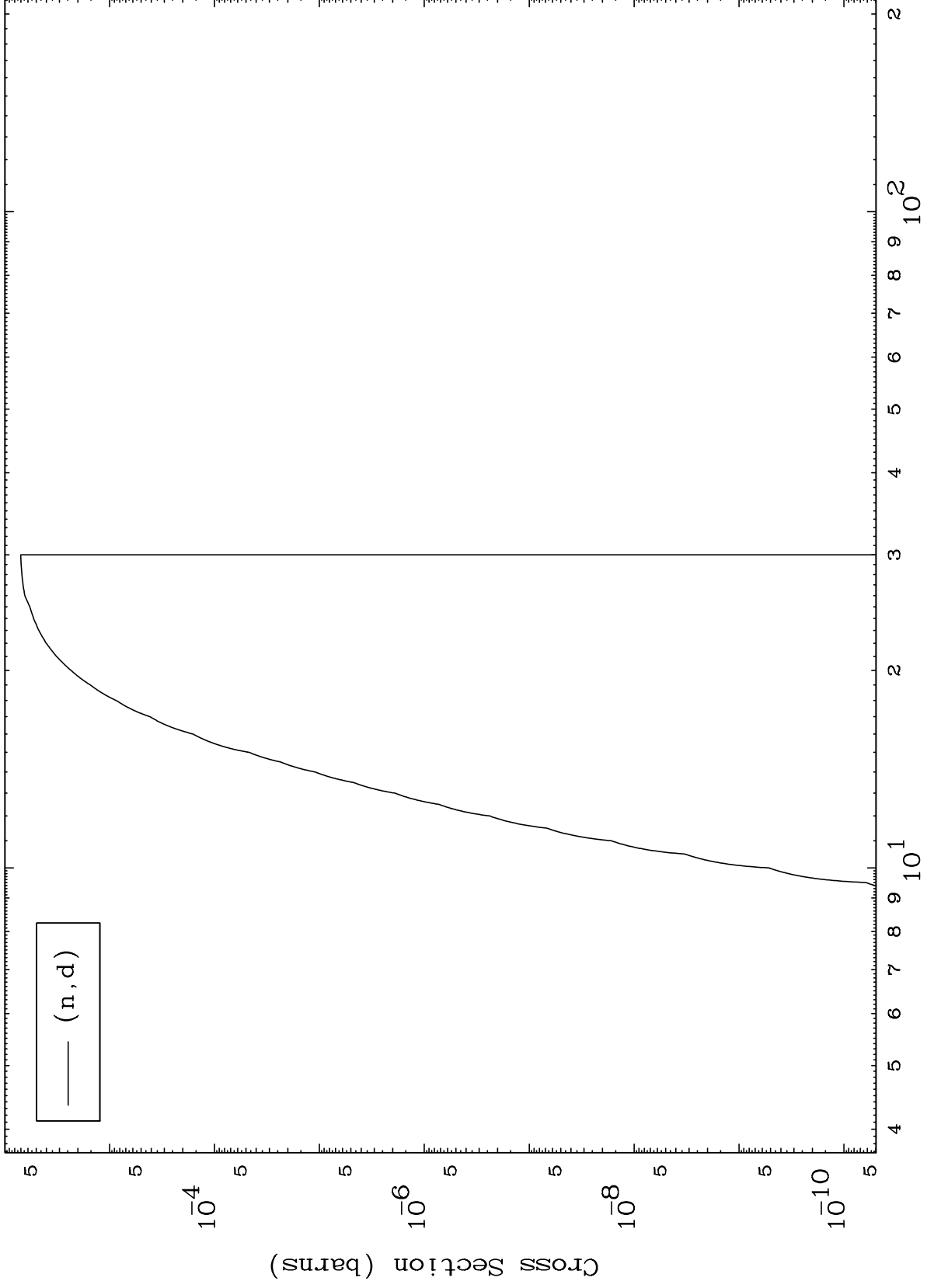
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,d) Levels
293 Kelvin Cross Sections

93-Np-243



13

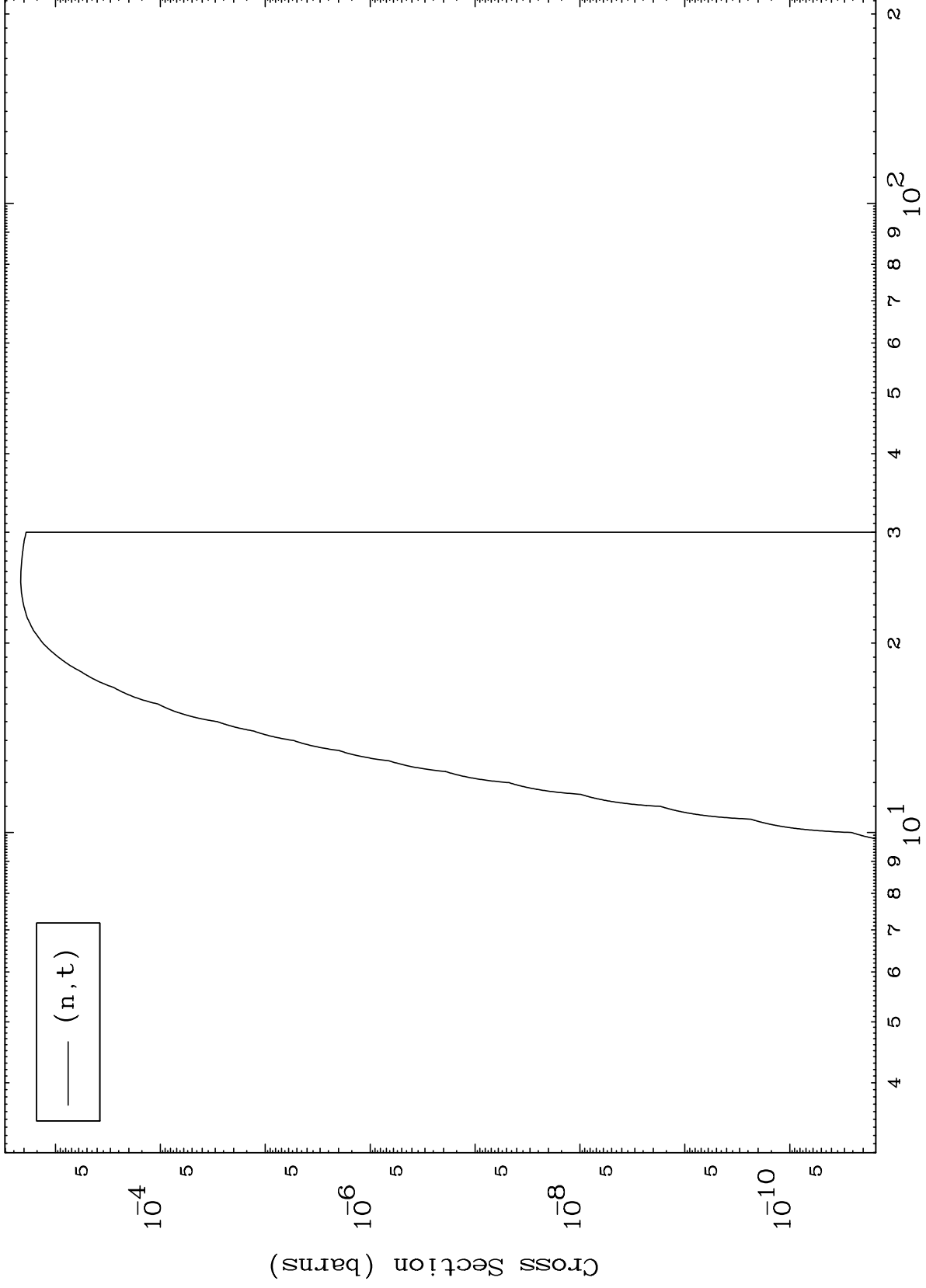
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,t) Levels
293 Kelvin Cross Sections

93-Np-243



14

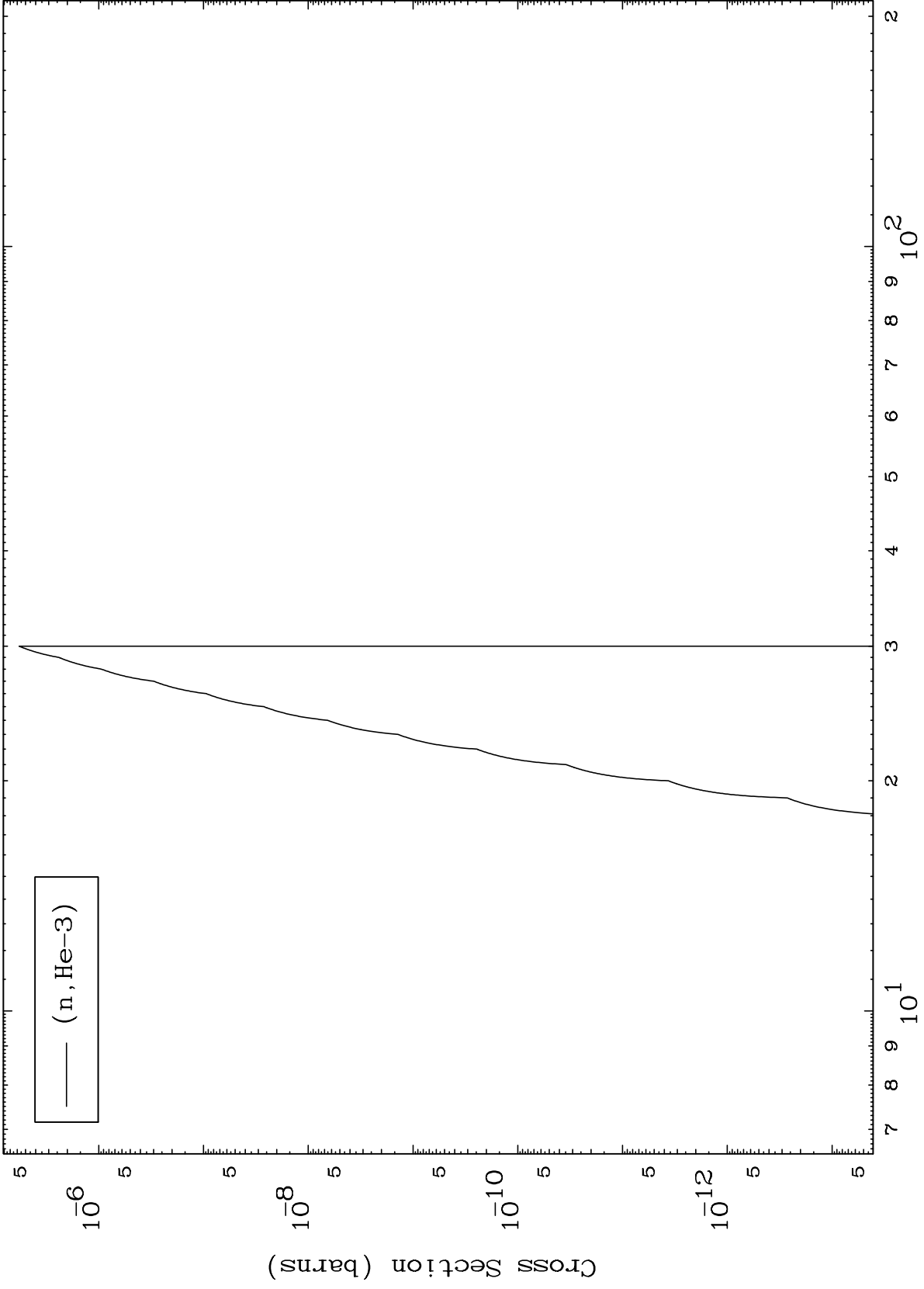
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,He3) Levels
293 Kelvin Cross Sections

93-Np-243



15

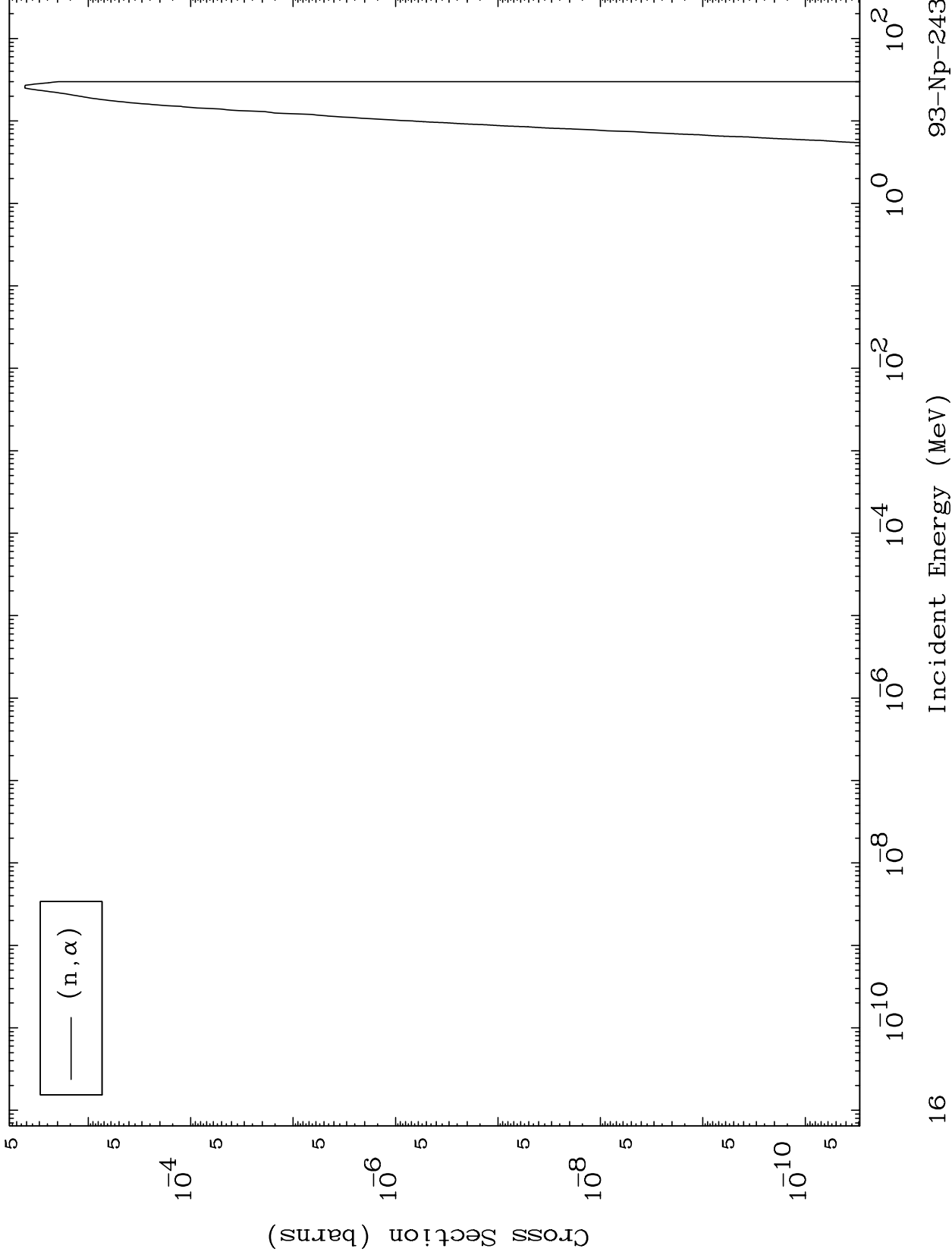
Incident Energy (MeV)

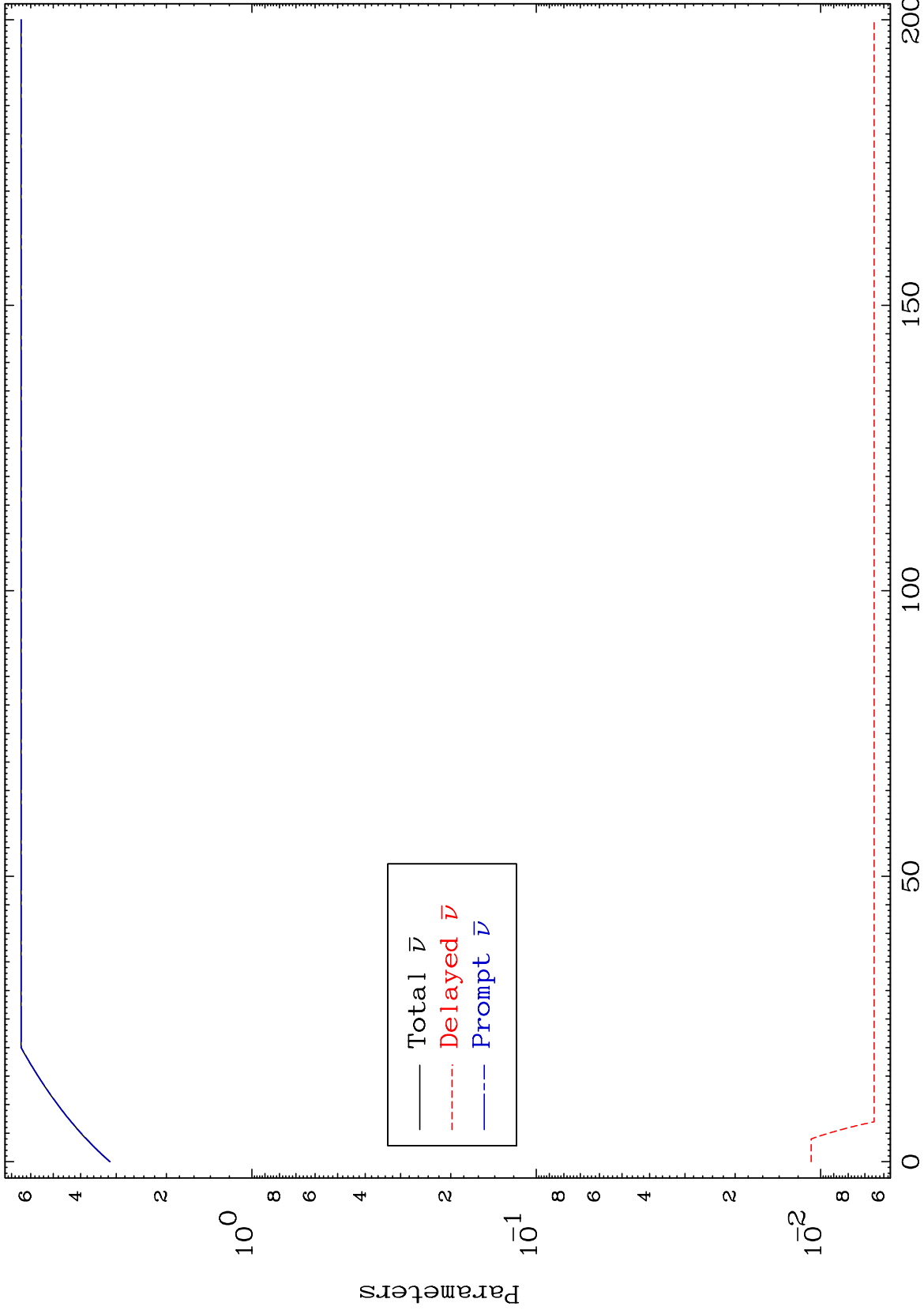
93-Np-243

MAT 9364

(n, α) Levels
293 Kelvin Cross Sections

93-Np-243

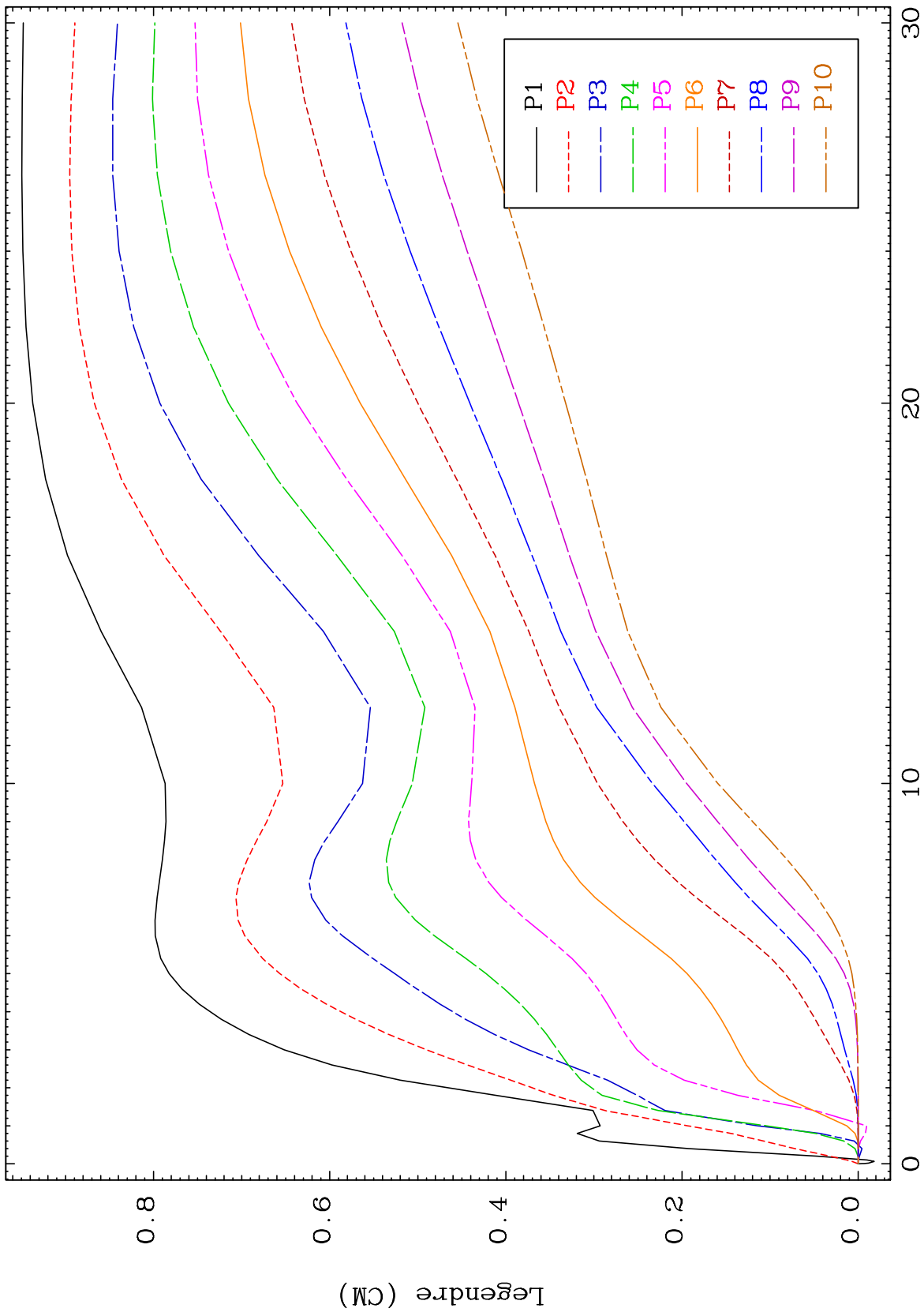




MAT 9364

93-Np-243

Elastic Legendre Coefficients



93-Np-243

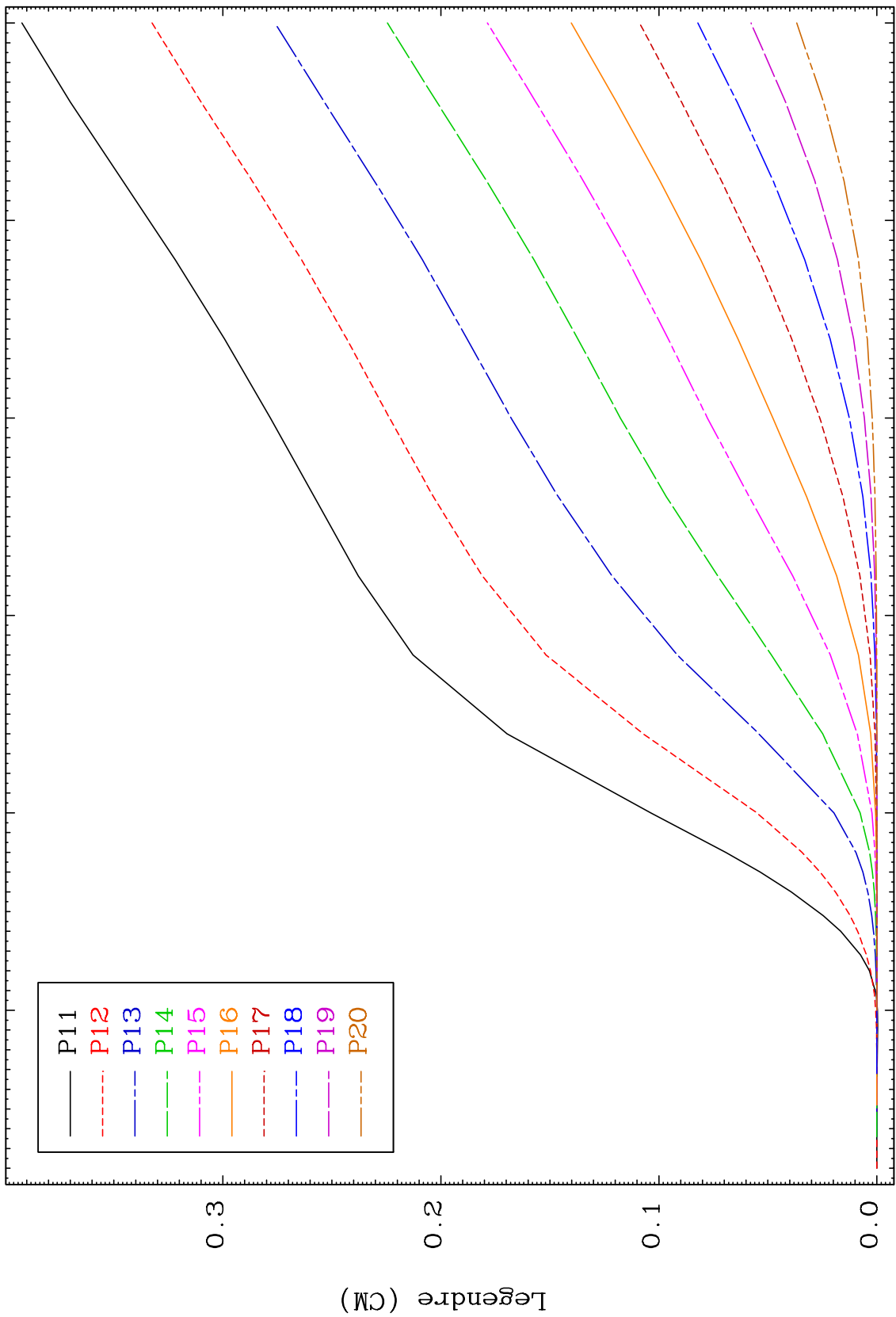
Incident Energy (MeV)

18

MAT 9364

Elastic Legendre Coefficients

93-Np-243



19

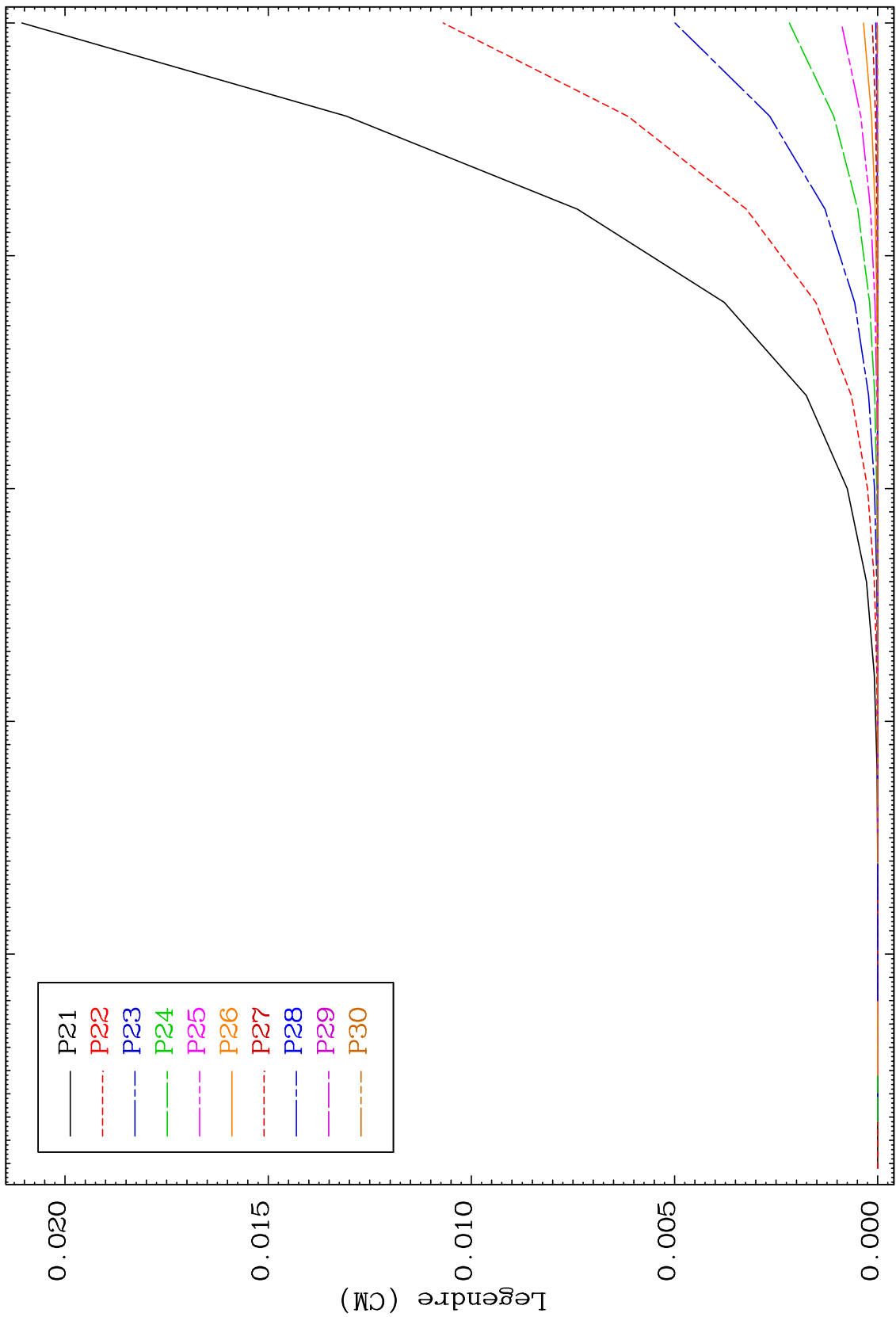
Incident Energy (MeV)

93-Np-243

MAT 9364

Elastic Legendre Coefficients

93-Np-243



Incident Energy (MeV)

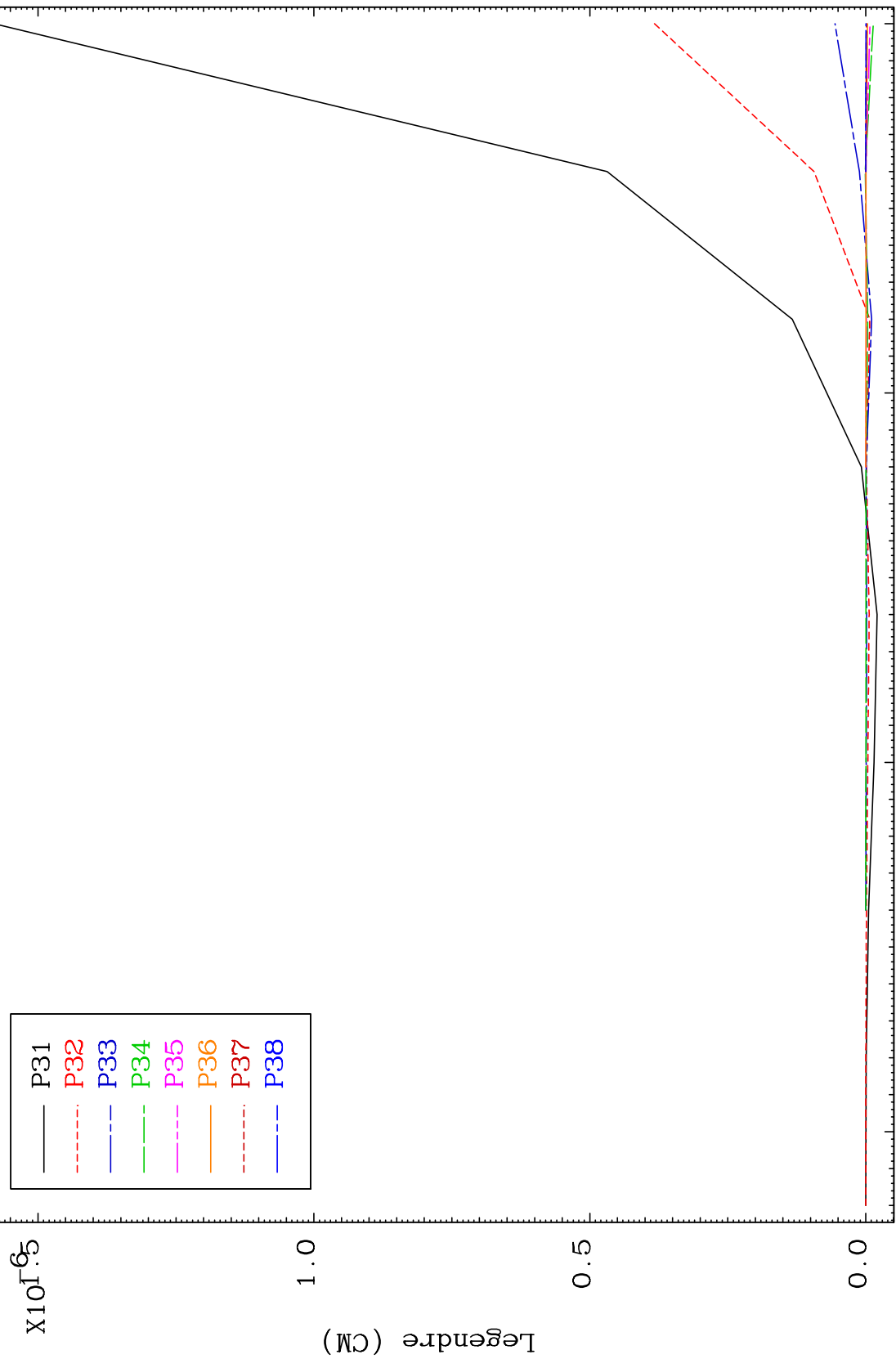
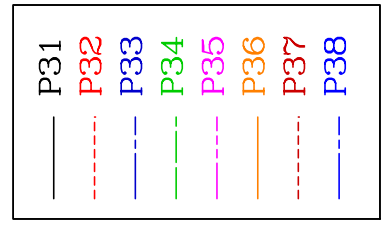
93-Np-243

20

MAT 9364

Elastic Legendre Coefficients

93-Np-243



21

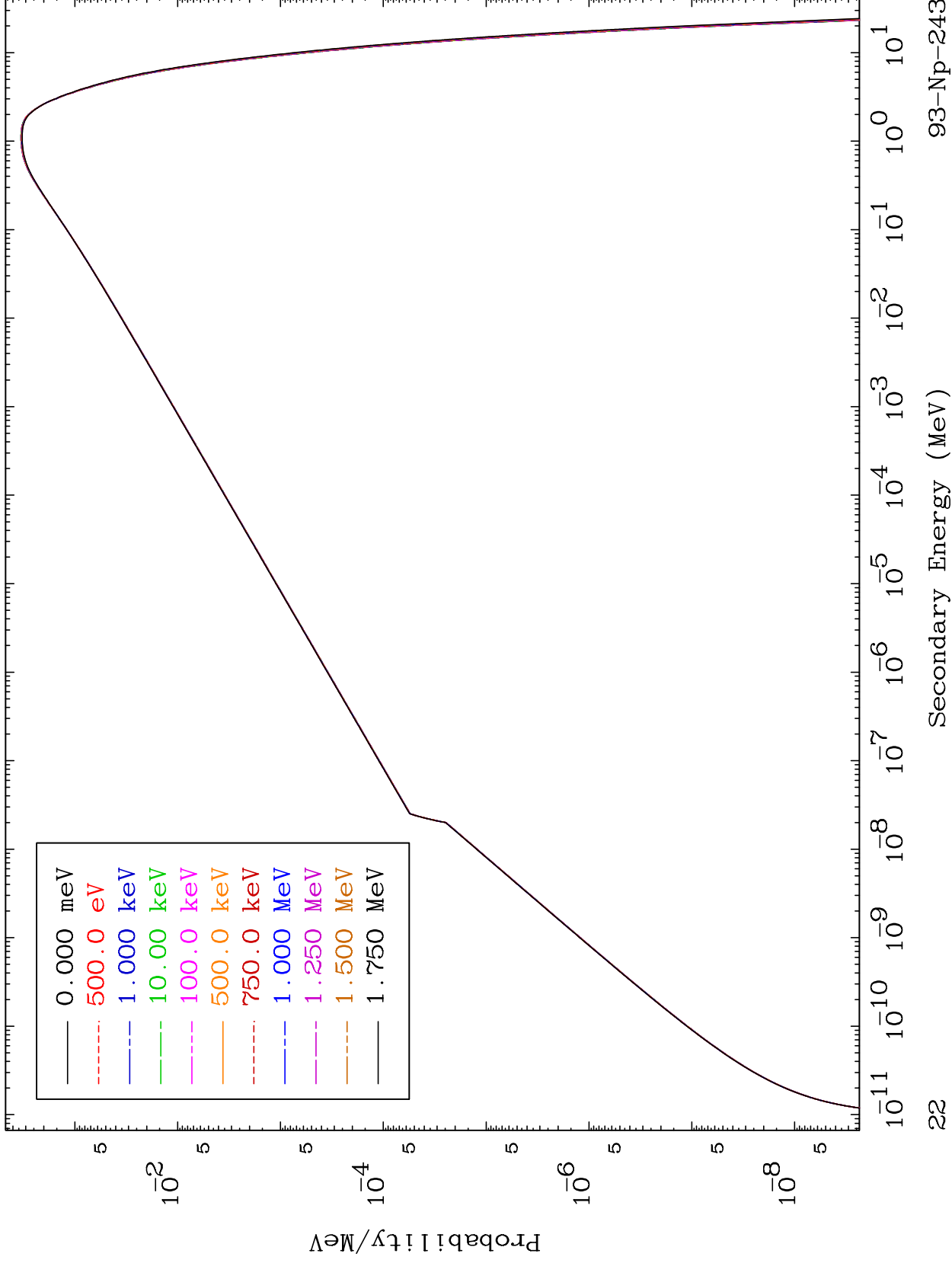
Incident Energy (MeV)

93-Np-243

MAT 9364

Fission Energy Distributions

93-Np-243



93-Np-243

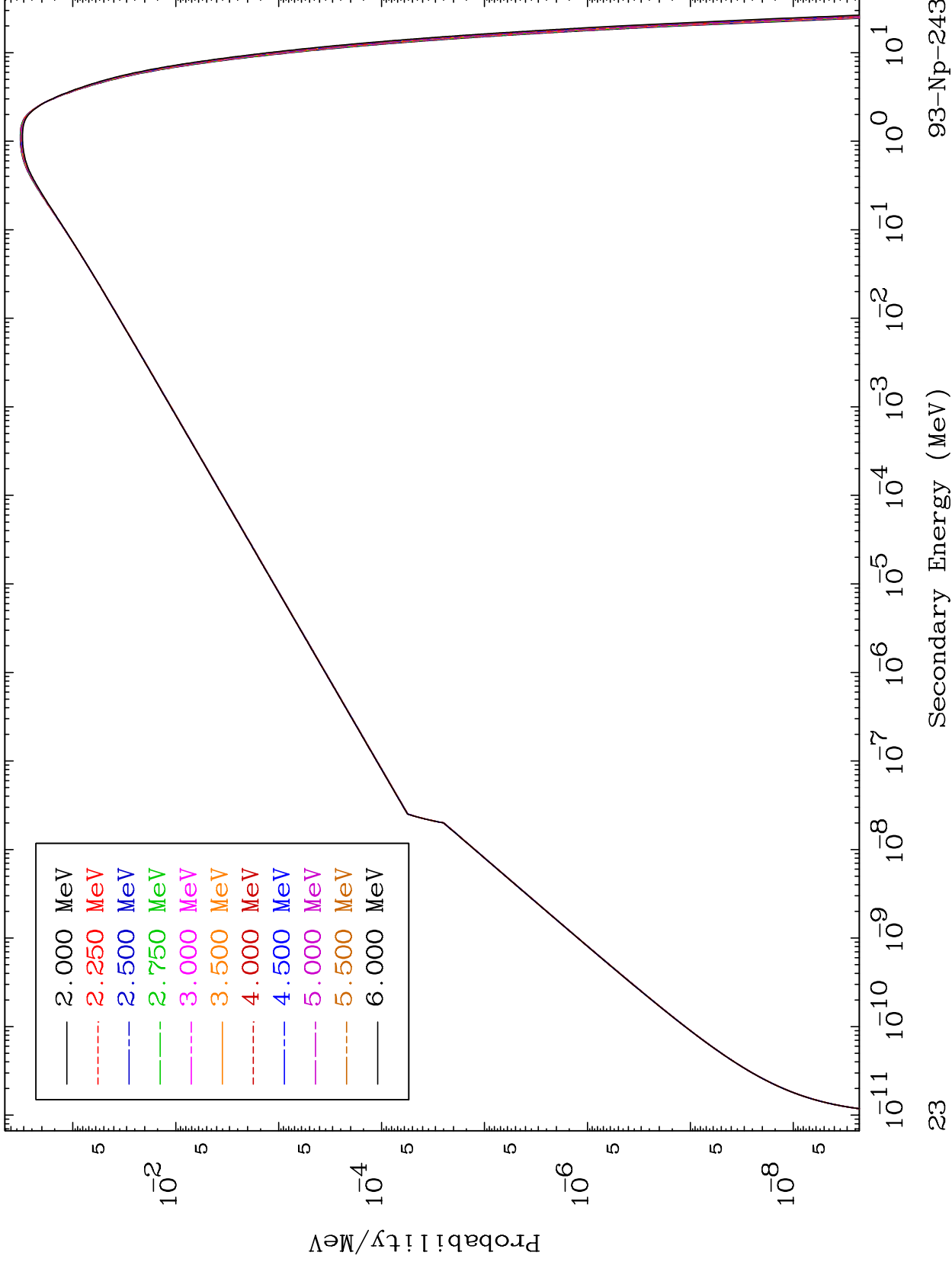
Secondary Energy (MeV)

22

MAT 9364

Fission Energy Distributions

93-Np-243



93-Np-243

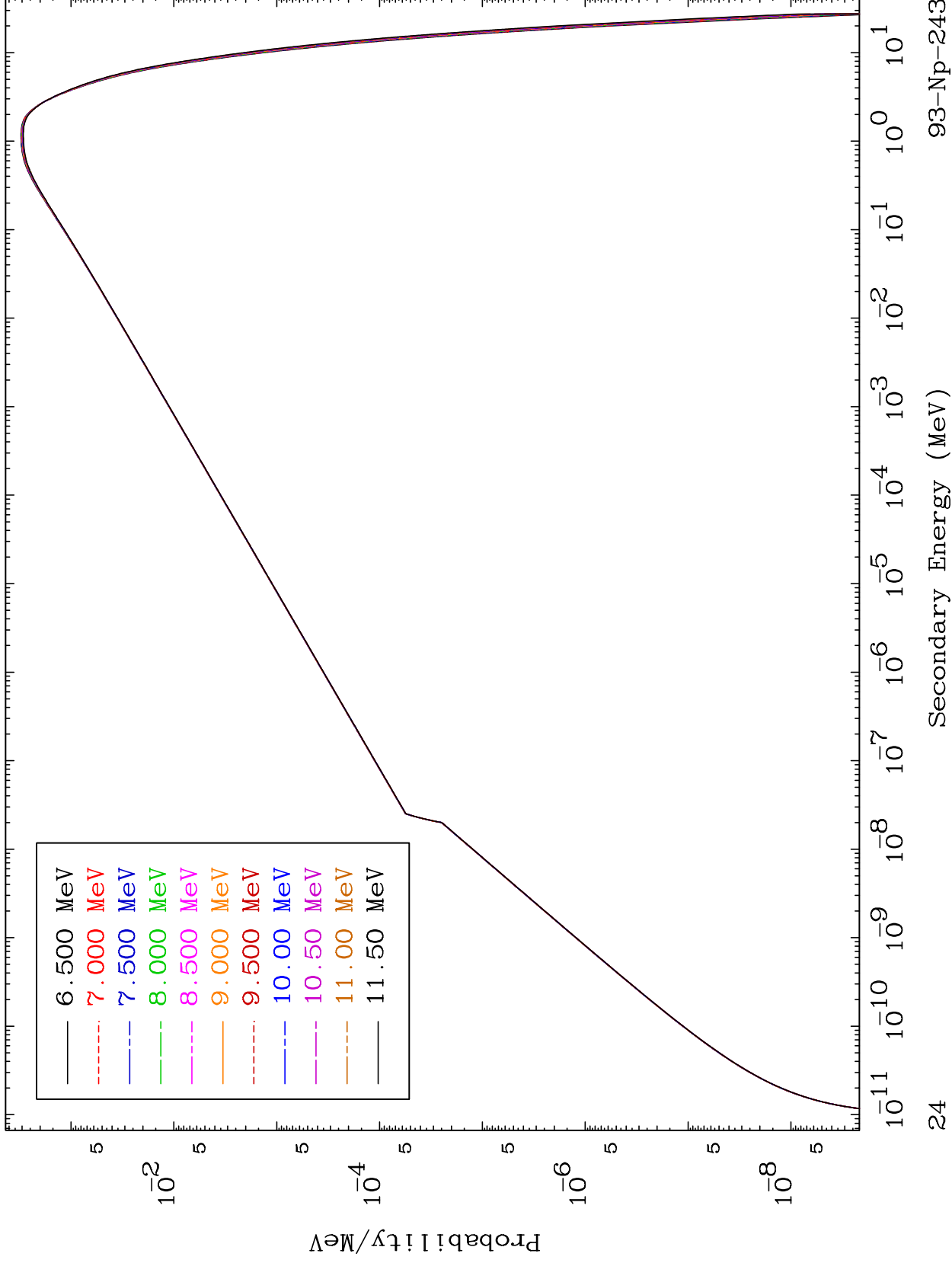
Secondary Energy (MeV)

23

MAT 9364

Fission Energy Distributions

⁹³Np-243



⁹³Np-243

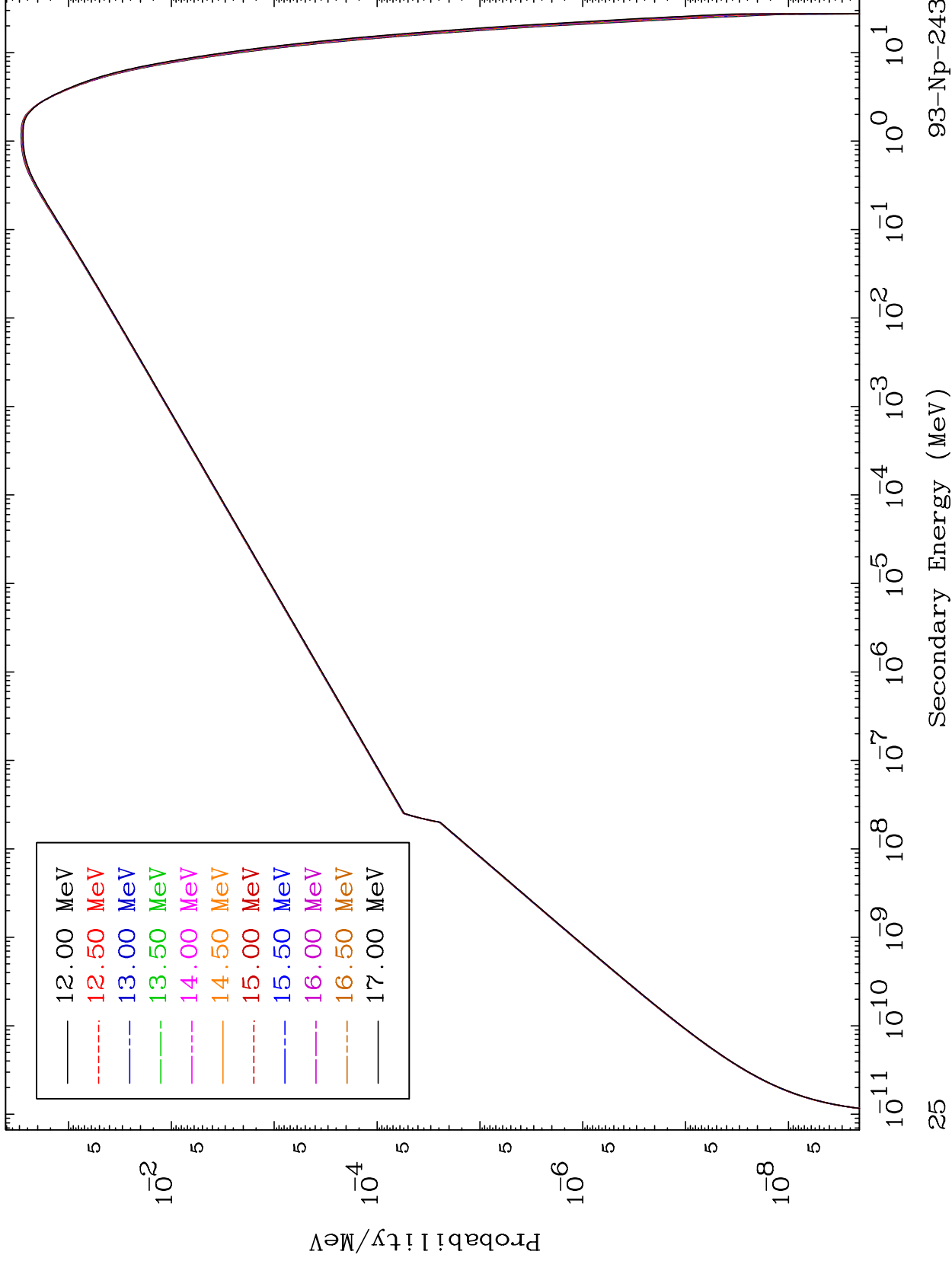
Secondary Energy (MeV)

24

MAT 9364

Fission Energy Distributions

93-Np-243



93-Np-243

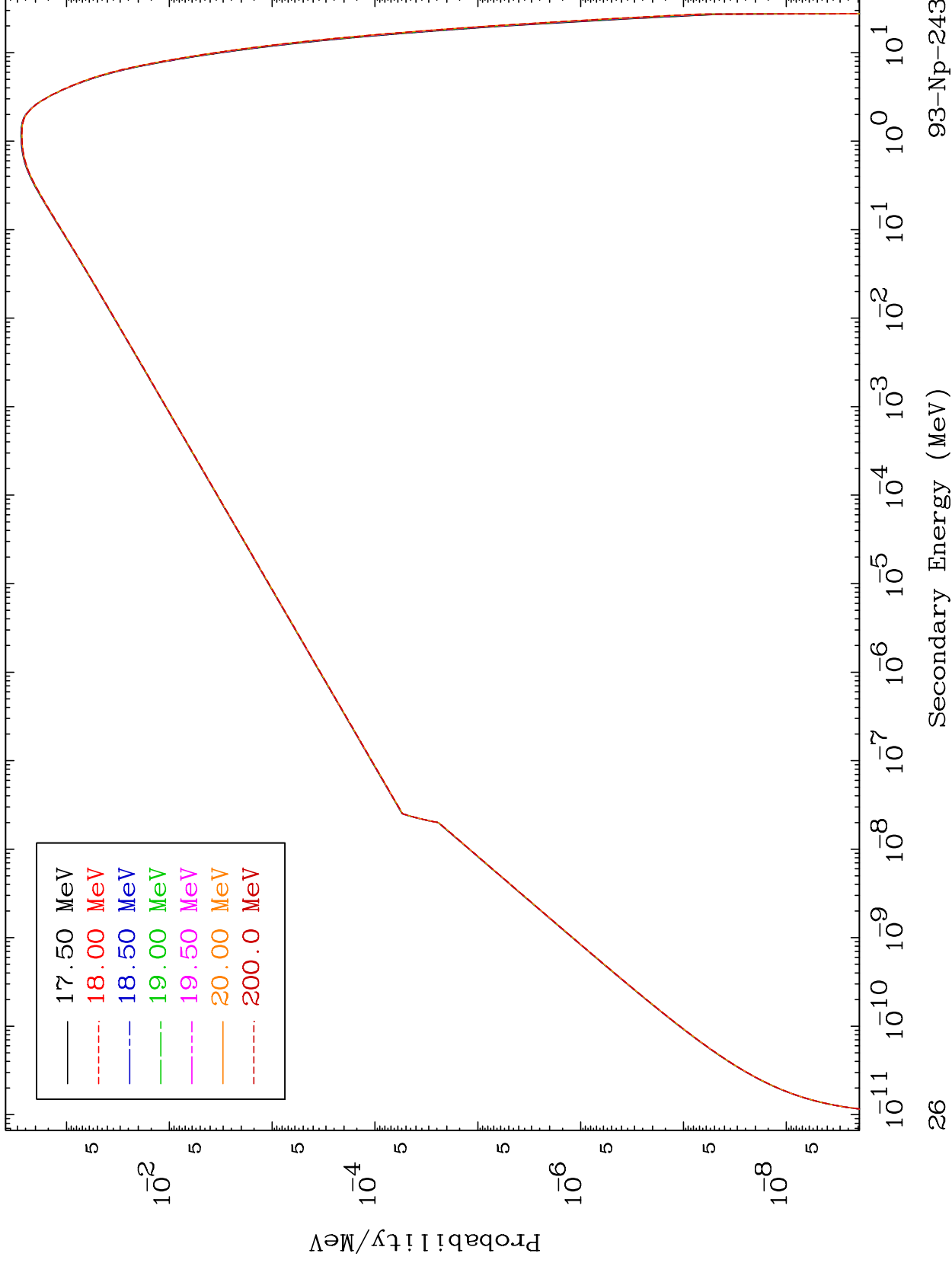
Secondary Energy (MeV)

25

MAT 9364

Fission Energy Distributions

93-Np-243

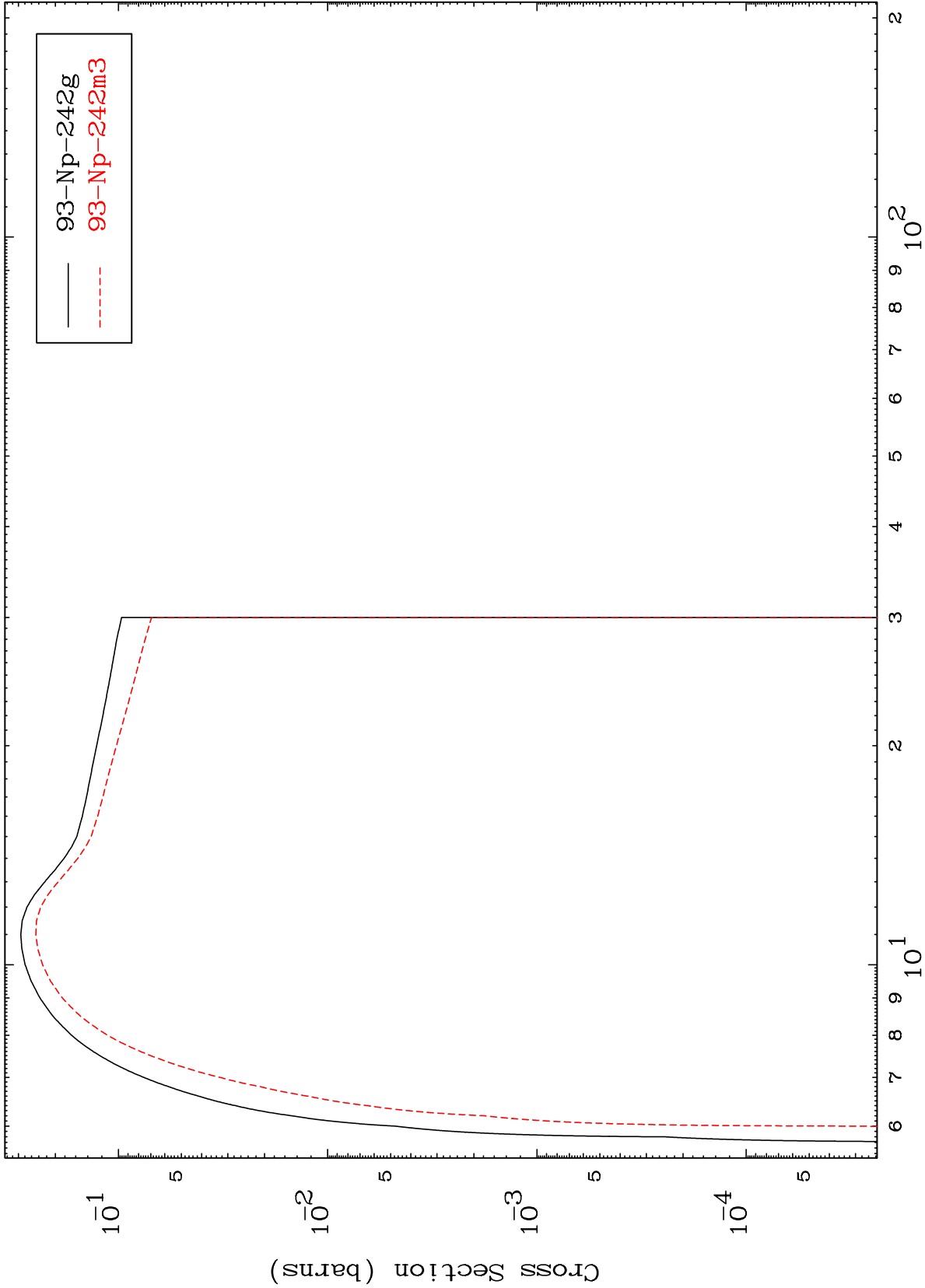


MAT 9364

(n,2n)

93-Np-243

Radionuclide Production Cross Section



27

Incident Energy (MeV)

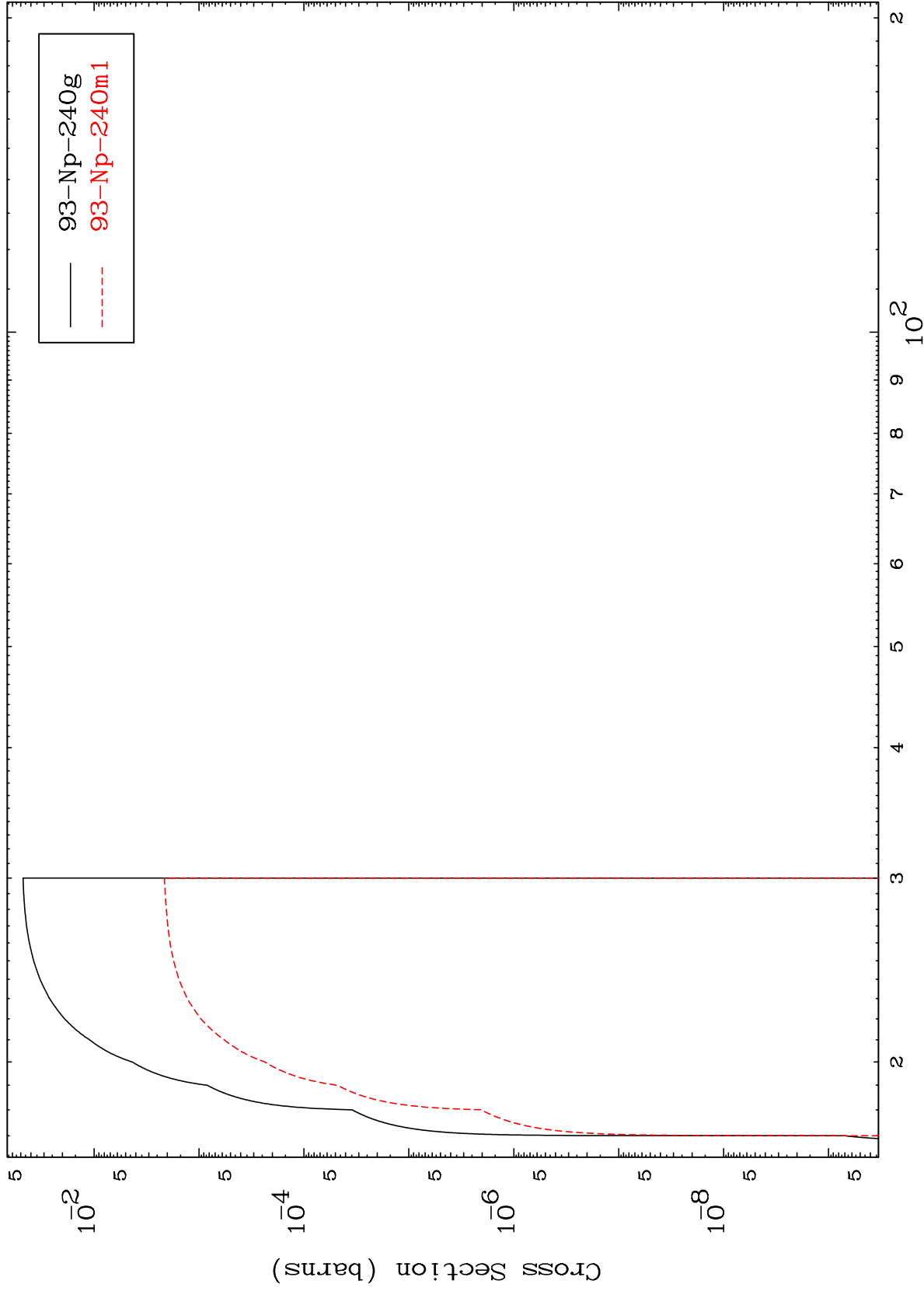
93-Np-243

MAT 9364

(n,4n)

93-Np-243

Radionuclide Production Cross Section



28

Incident Energy (MeV)

93-Np-243