

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

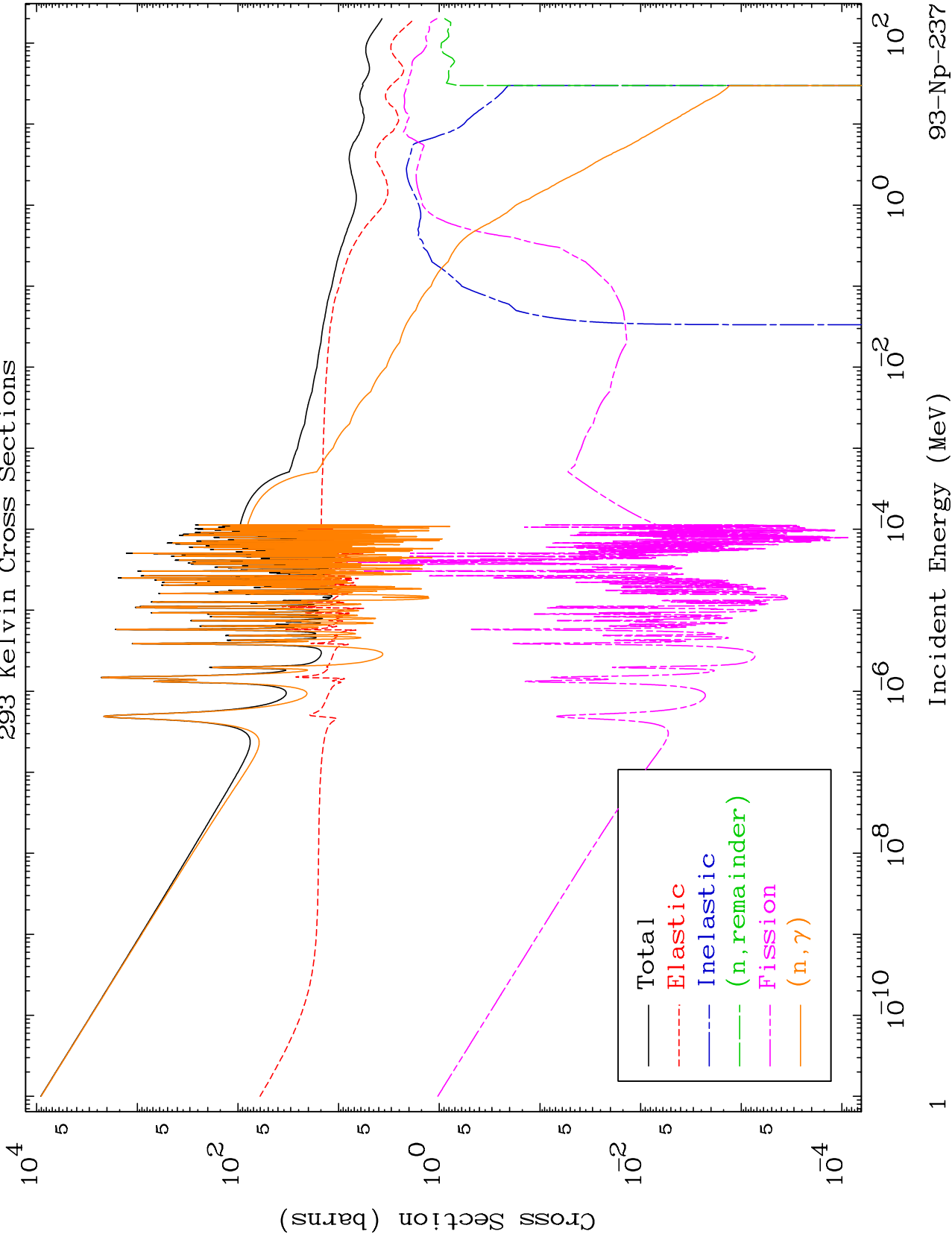
Press Mouse Button to Start

MAT 9346

Major

293 Kelvin Cross Sections

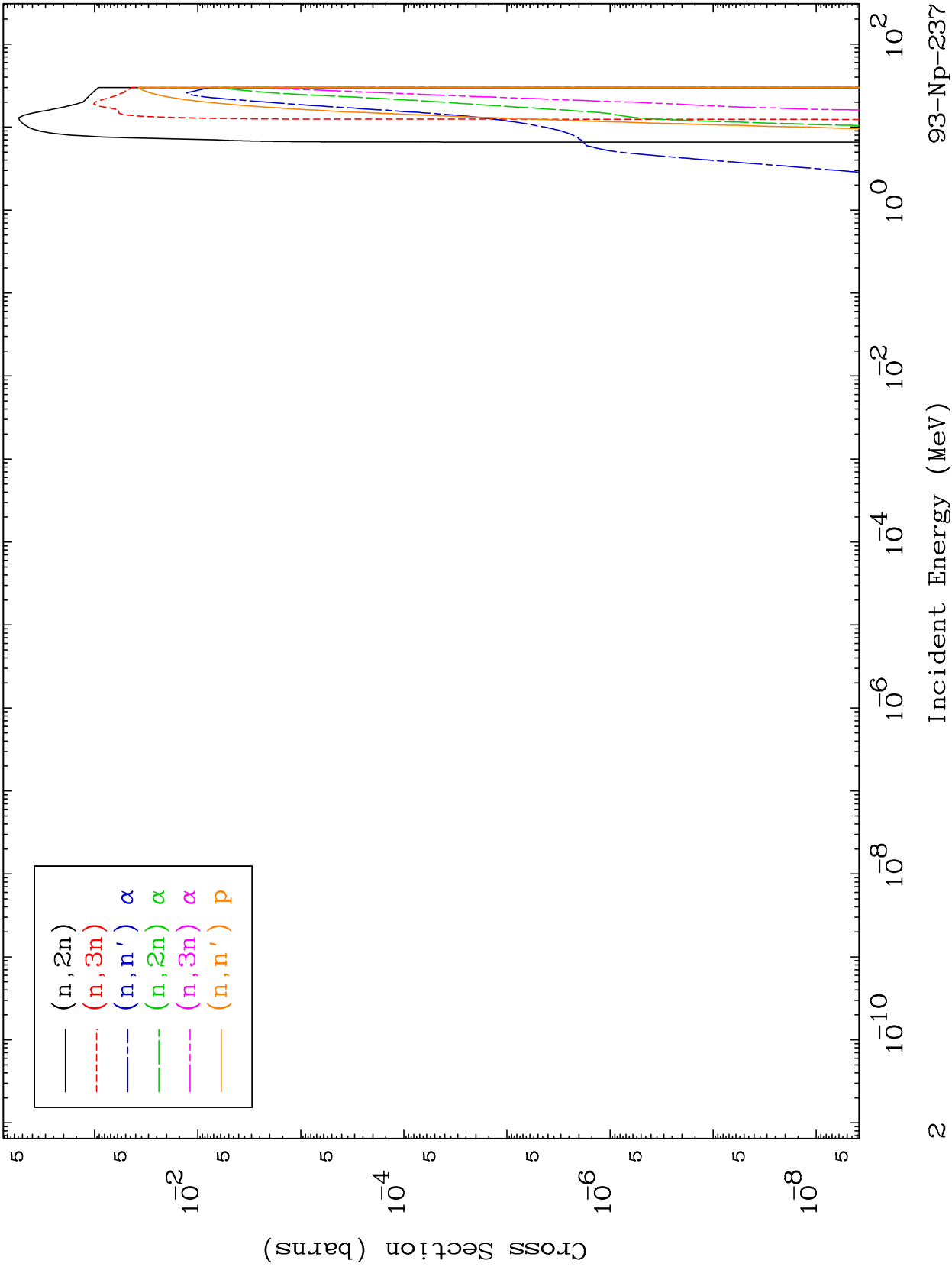
93-Np-237



MAT 9346

Neutron Production
293 Kelvin Cross Sections

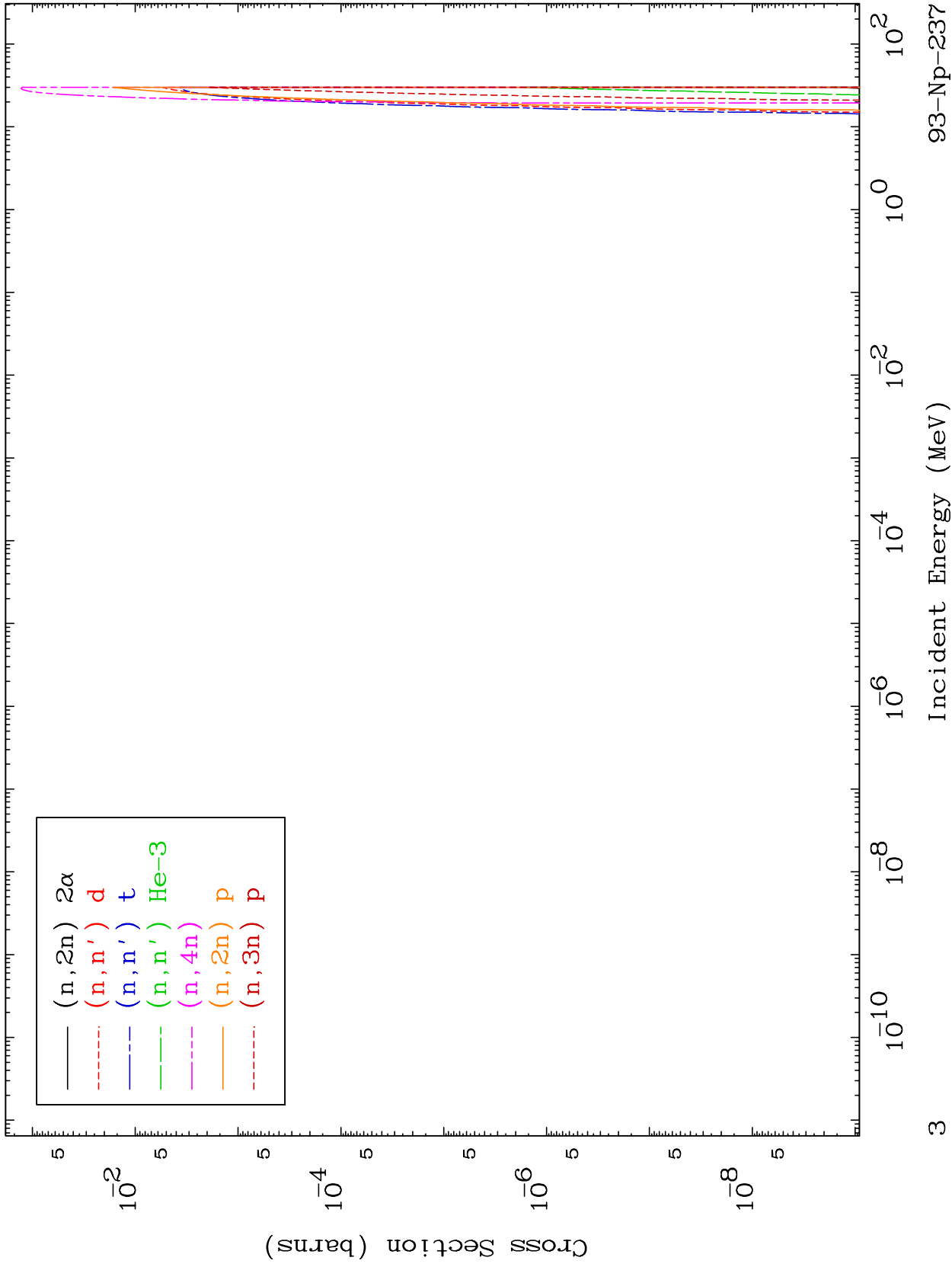
93-Np-237



MAT 9346

Neutron Production
293 Kelvin Cross Sections

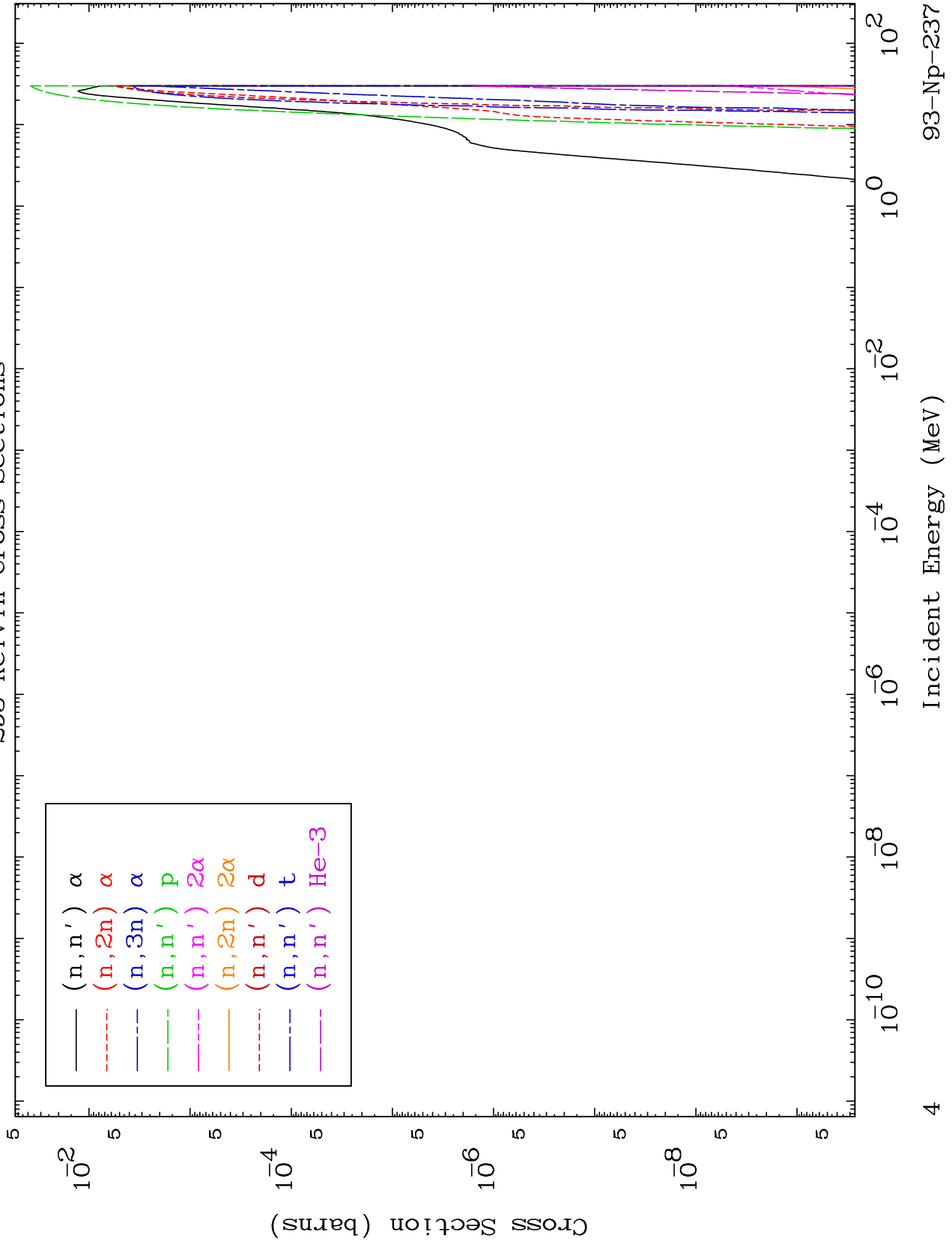
93-Np-237



MAT 9346

Charged Particle
293 Kelvin Cross Sections

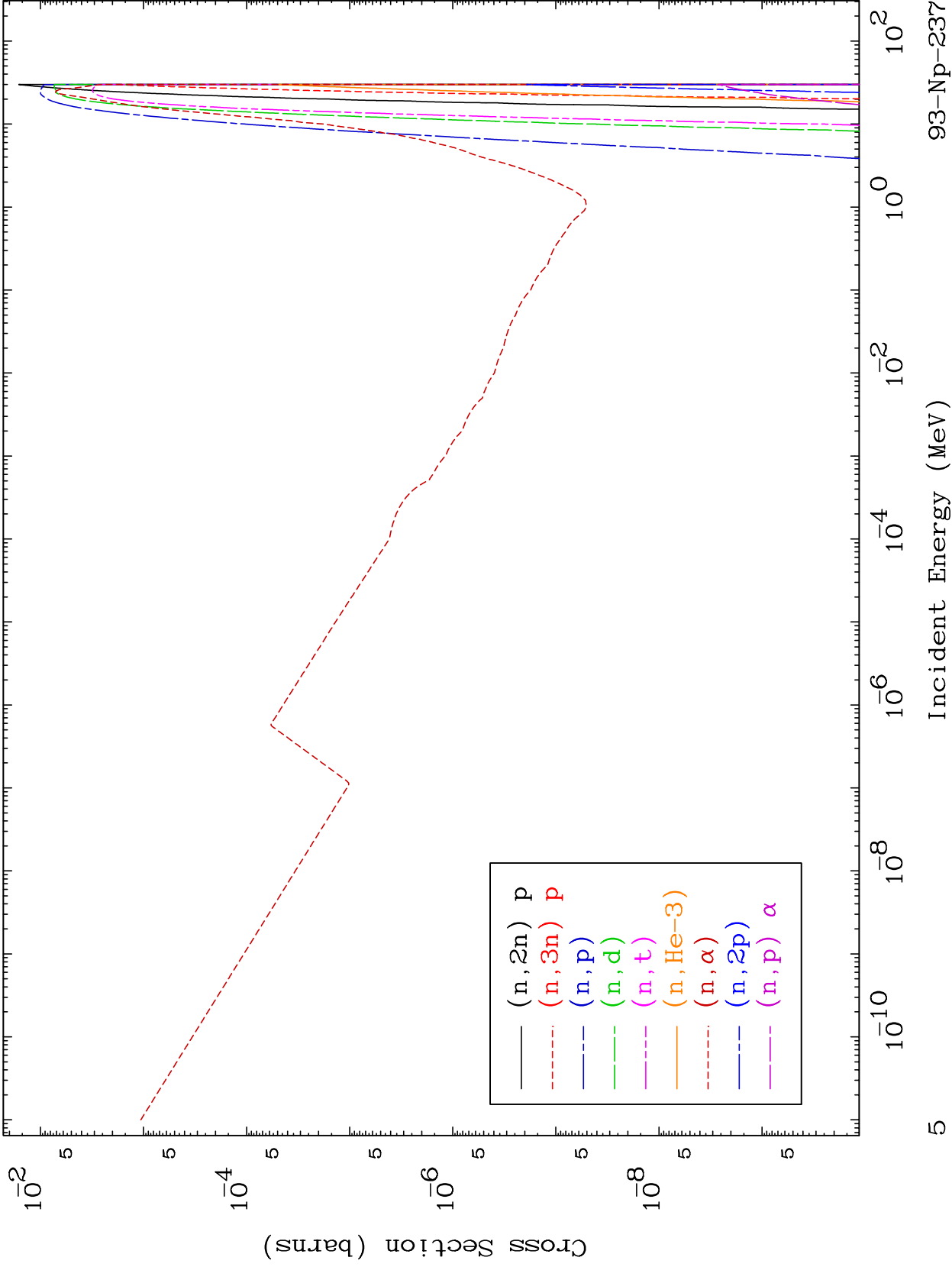
93-Np-237



MAT 9346

Charged Particle
293 Kelvin Cross Sections

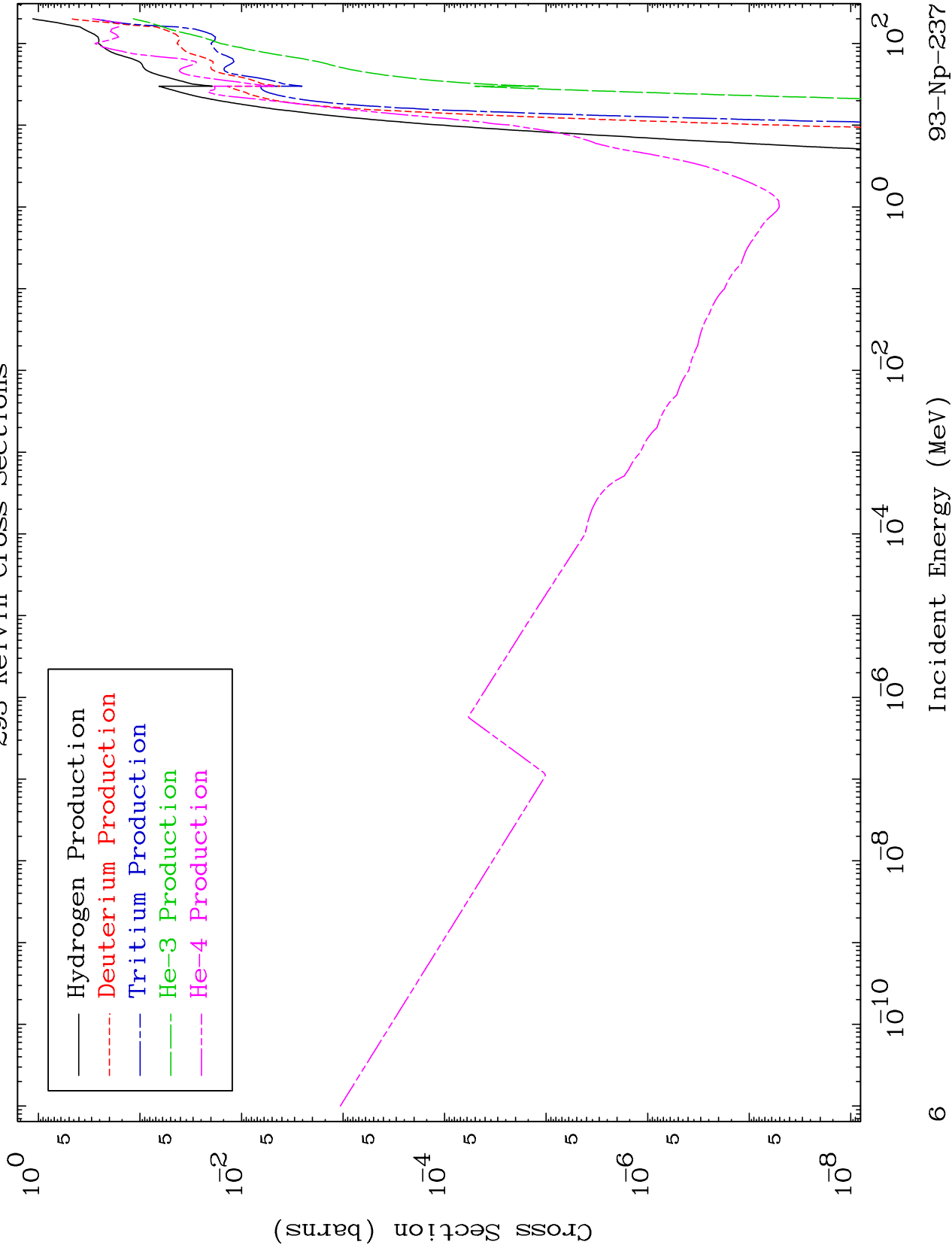
93-Np-237



MAT 9346

Particle Production
293 Kelvin Cross Sections

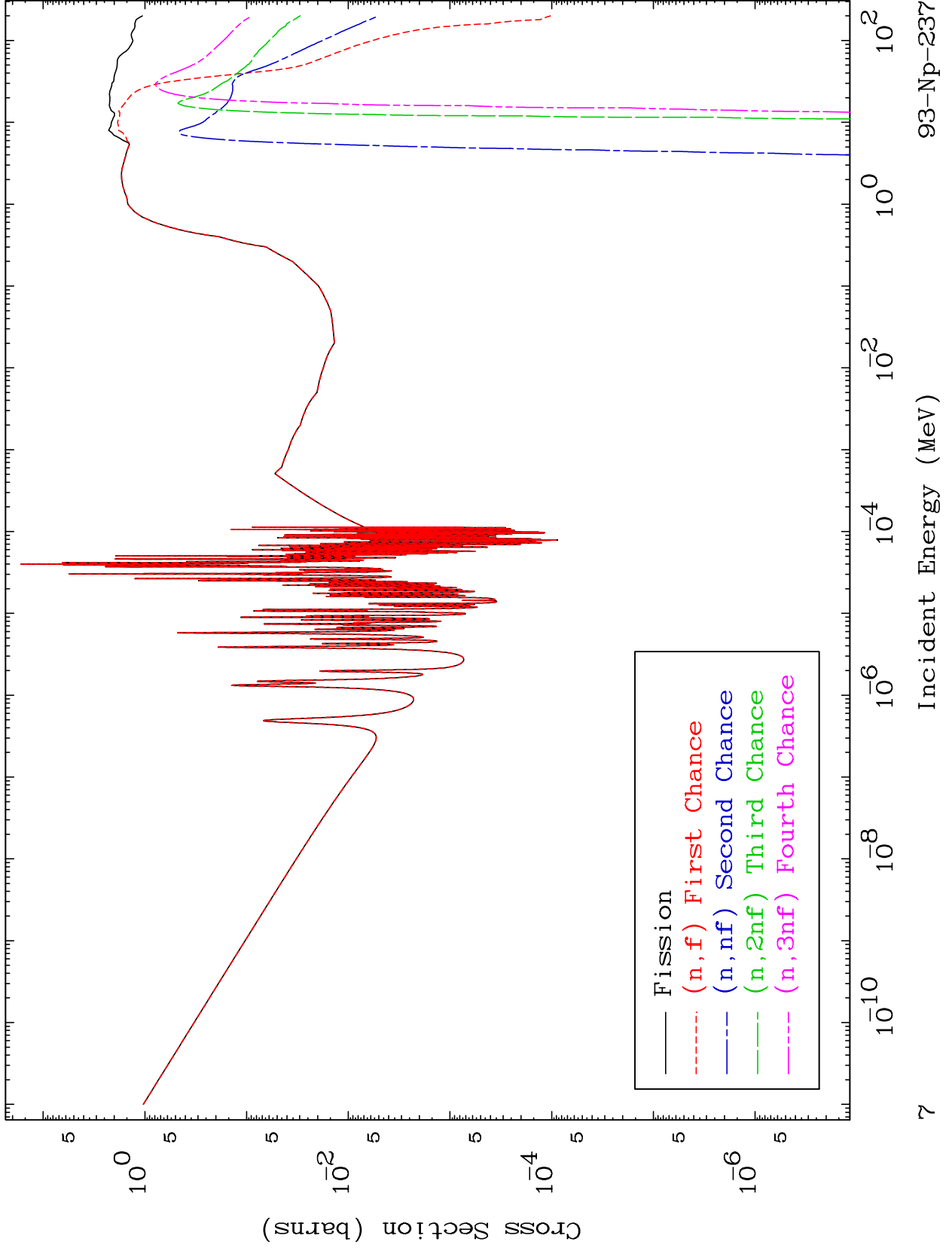
93-Np-237

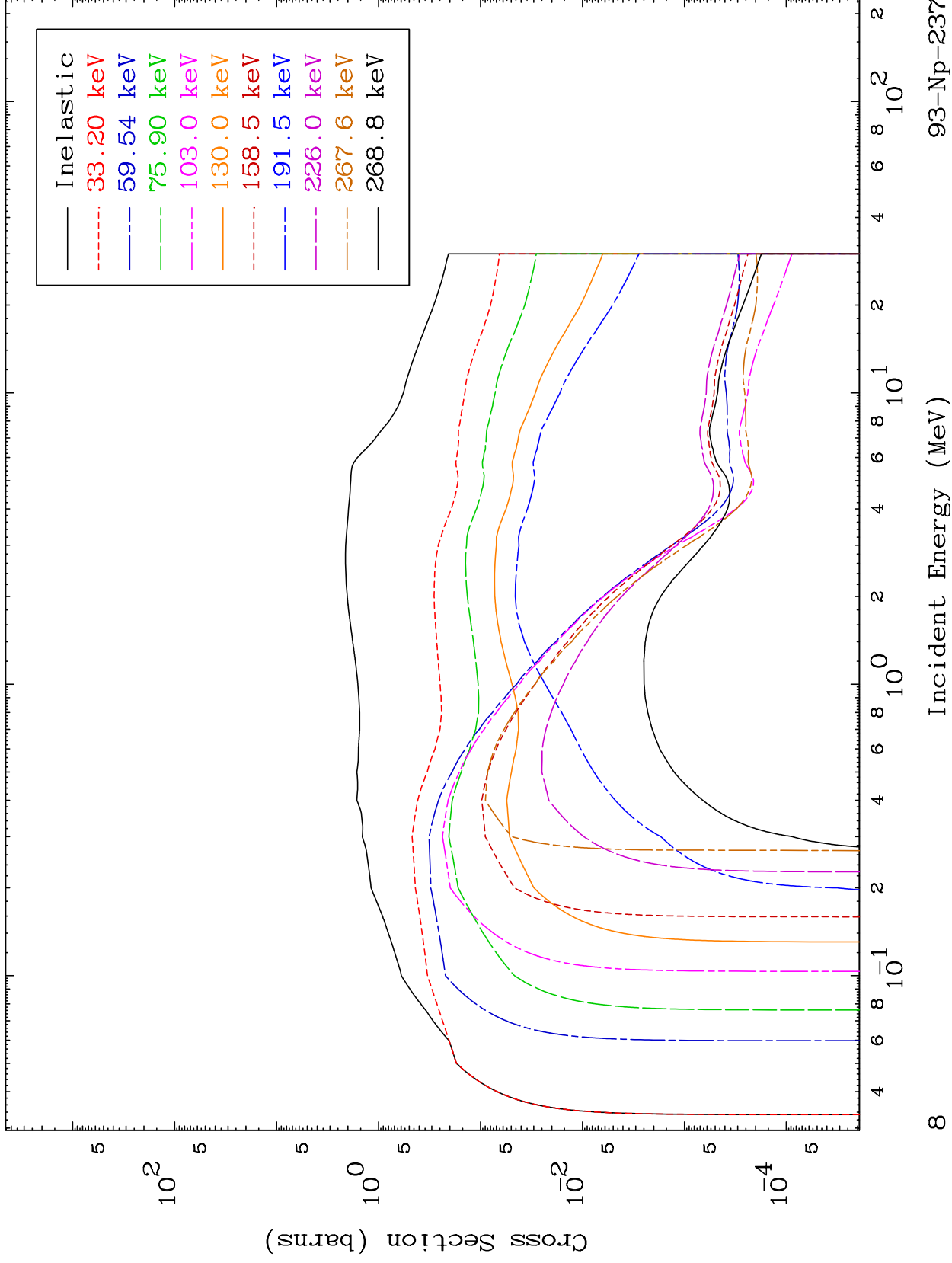


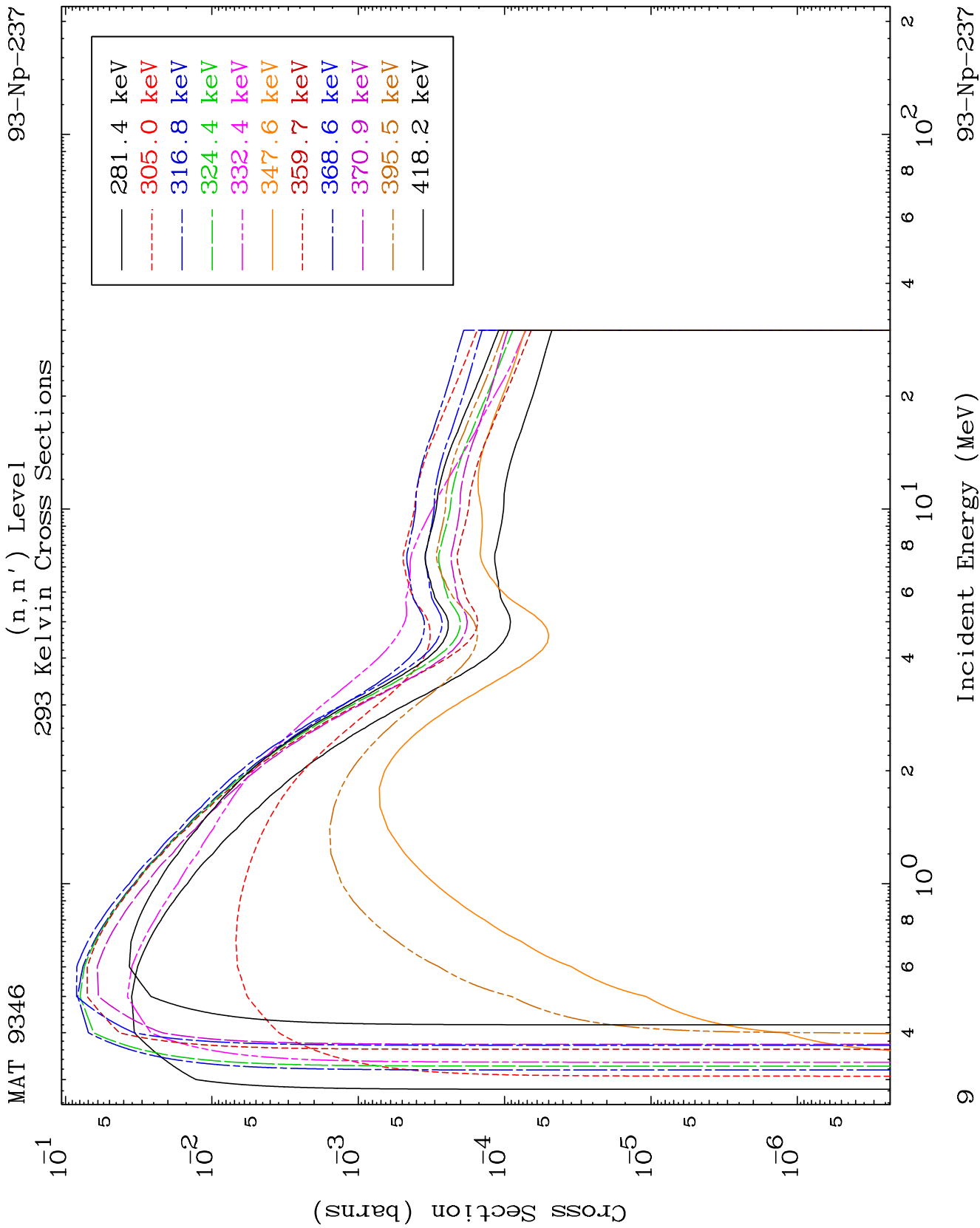
MAT 9346

Fission
293 Kelvin Cross Sections

93-Np-237





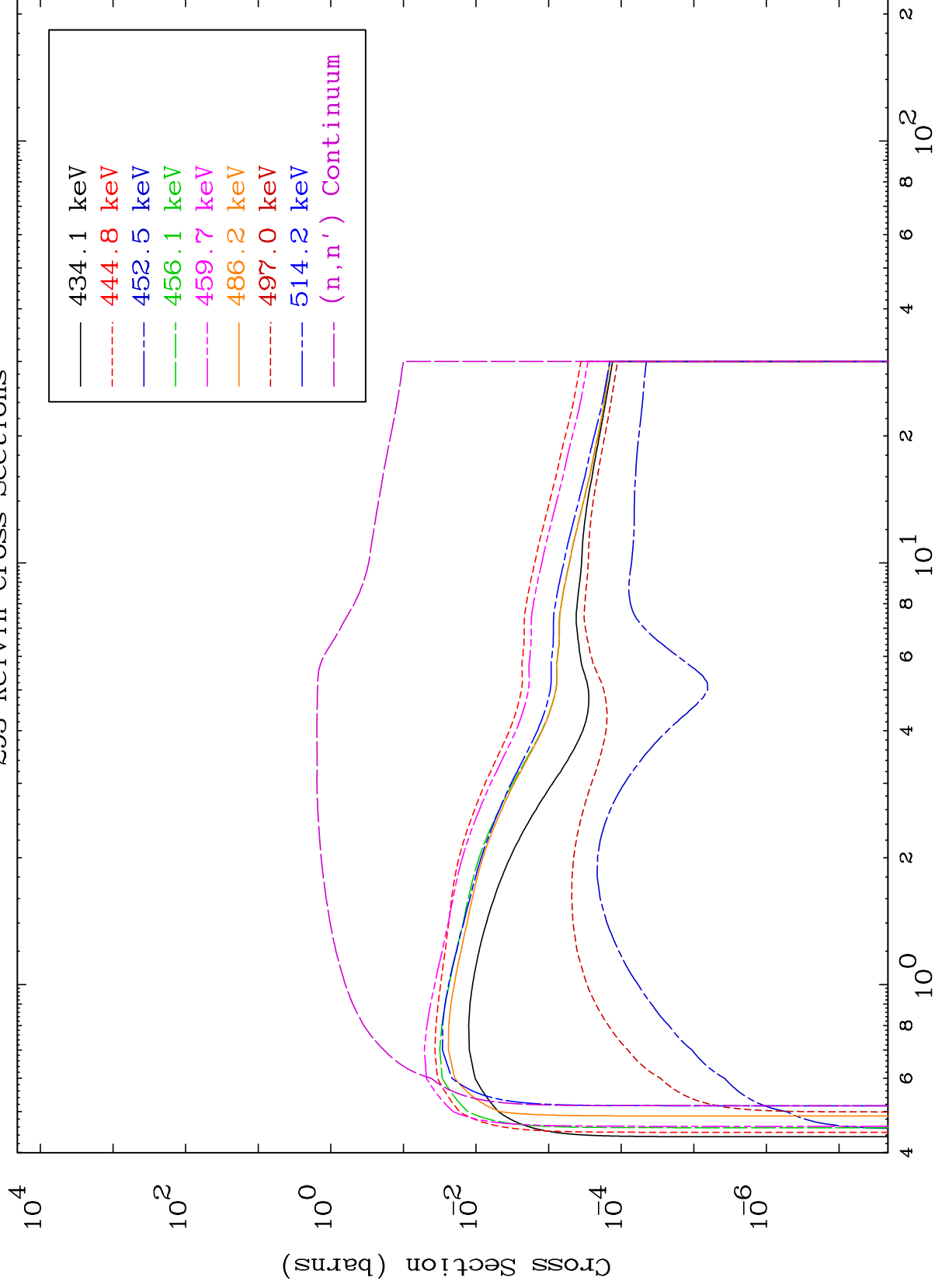


MAT 9346

(n,n') Level

93-Np-237

293 Kelvin Cross Sections



10

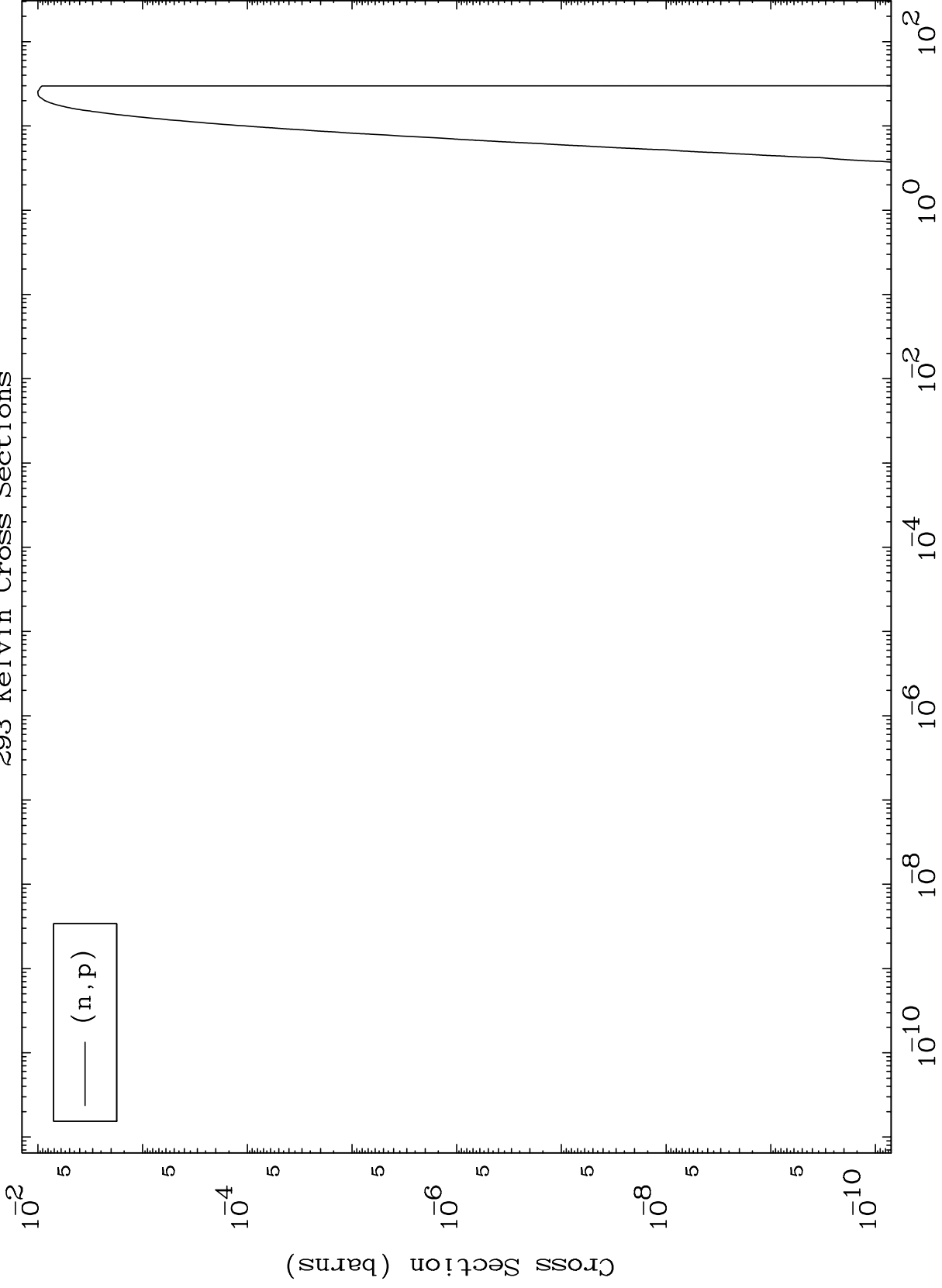
Incident Energy (MeV)

93-Np-237

MAT 9346

(n,p) Levels
293 Kelvin Cross Sections

93-Np-237



(n,p)

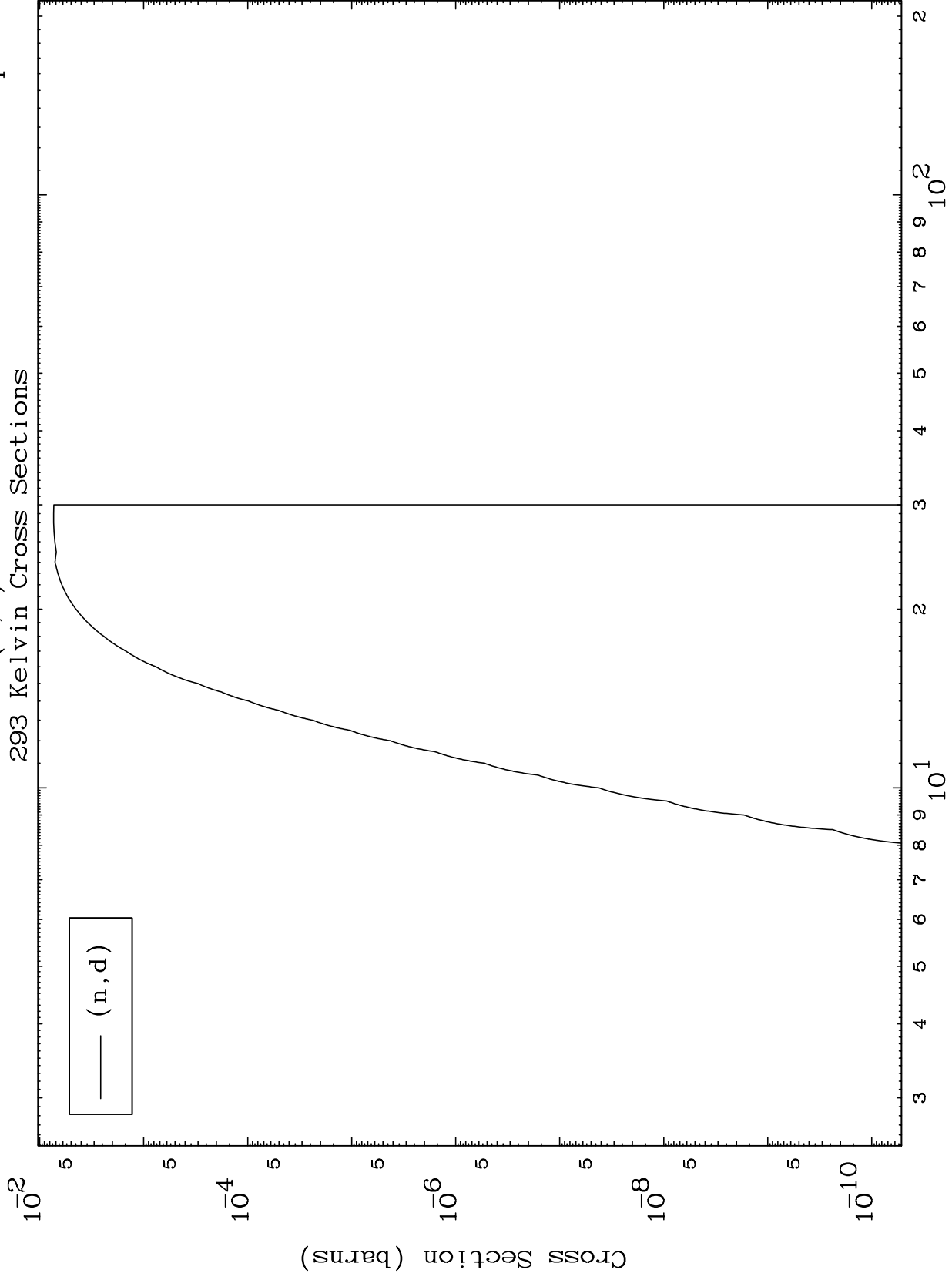
93-Np-237

Incident Energy (MeV)

MAT 9346

(n,d) Levels
293 Kelvin Cross Sections

93-Np-237



(n,d)

12

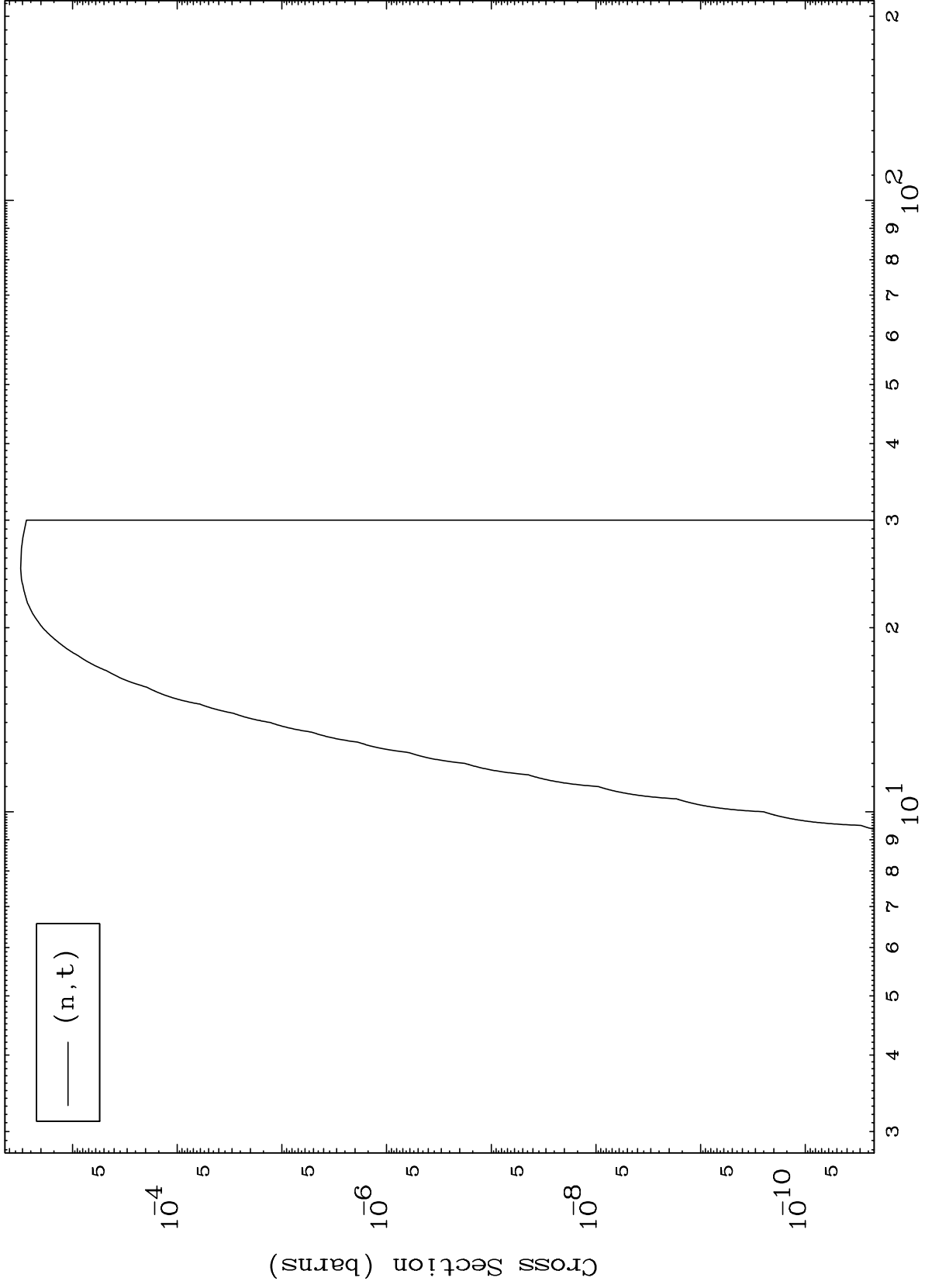
Incident Energy (MeV)

93-Np-237

MAT 9346

(n,t) Levels
293 Kelvin Cross Sections

93-Np-237



13

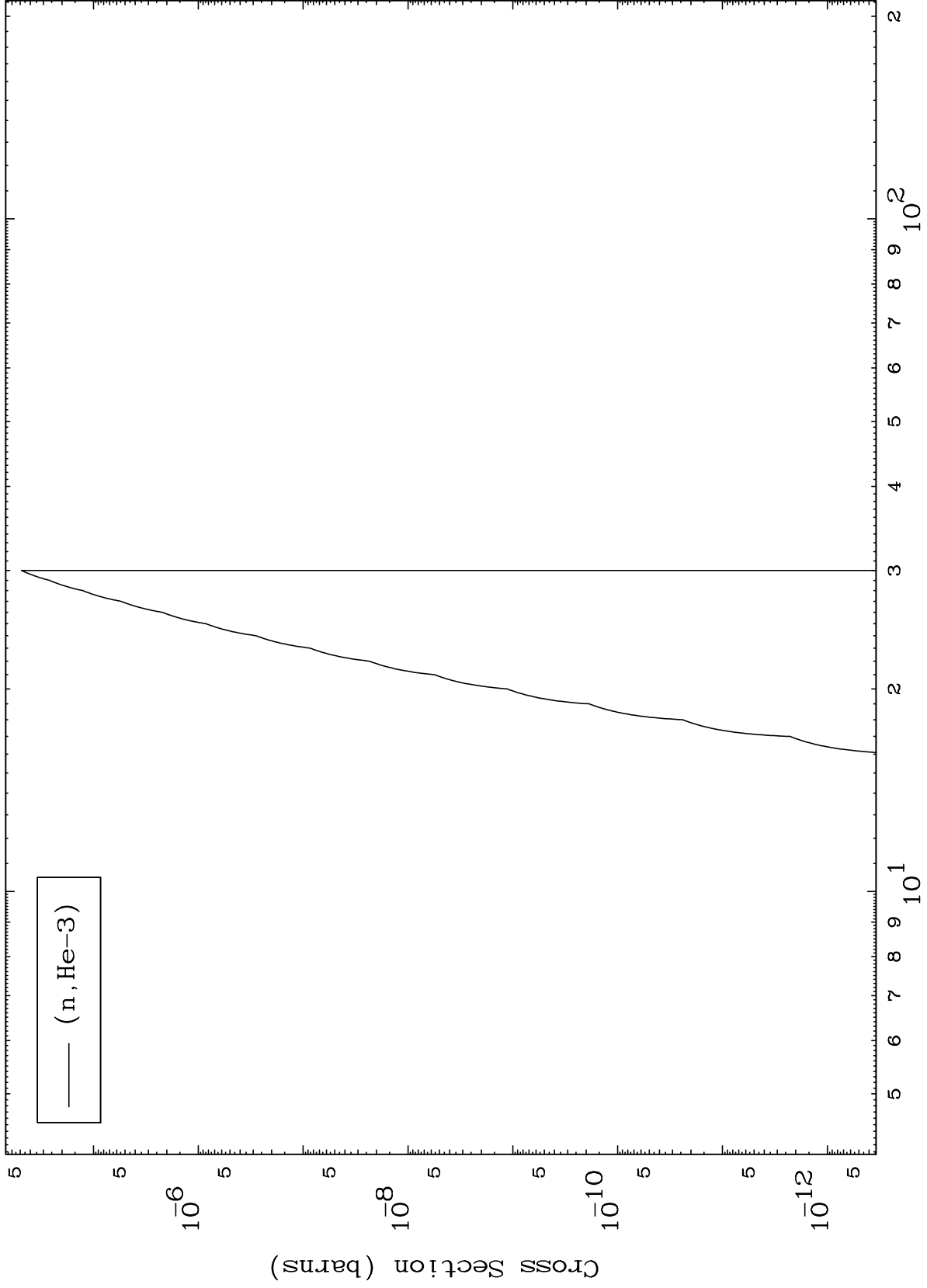
Incident Energy (MeV)

93-Np-237

MAT 9346

(n,He3) Levels
293 Kelvin Cross Sections

93-Np-237



14

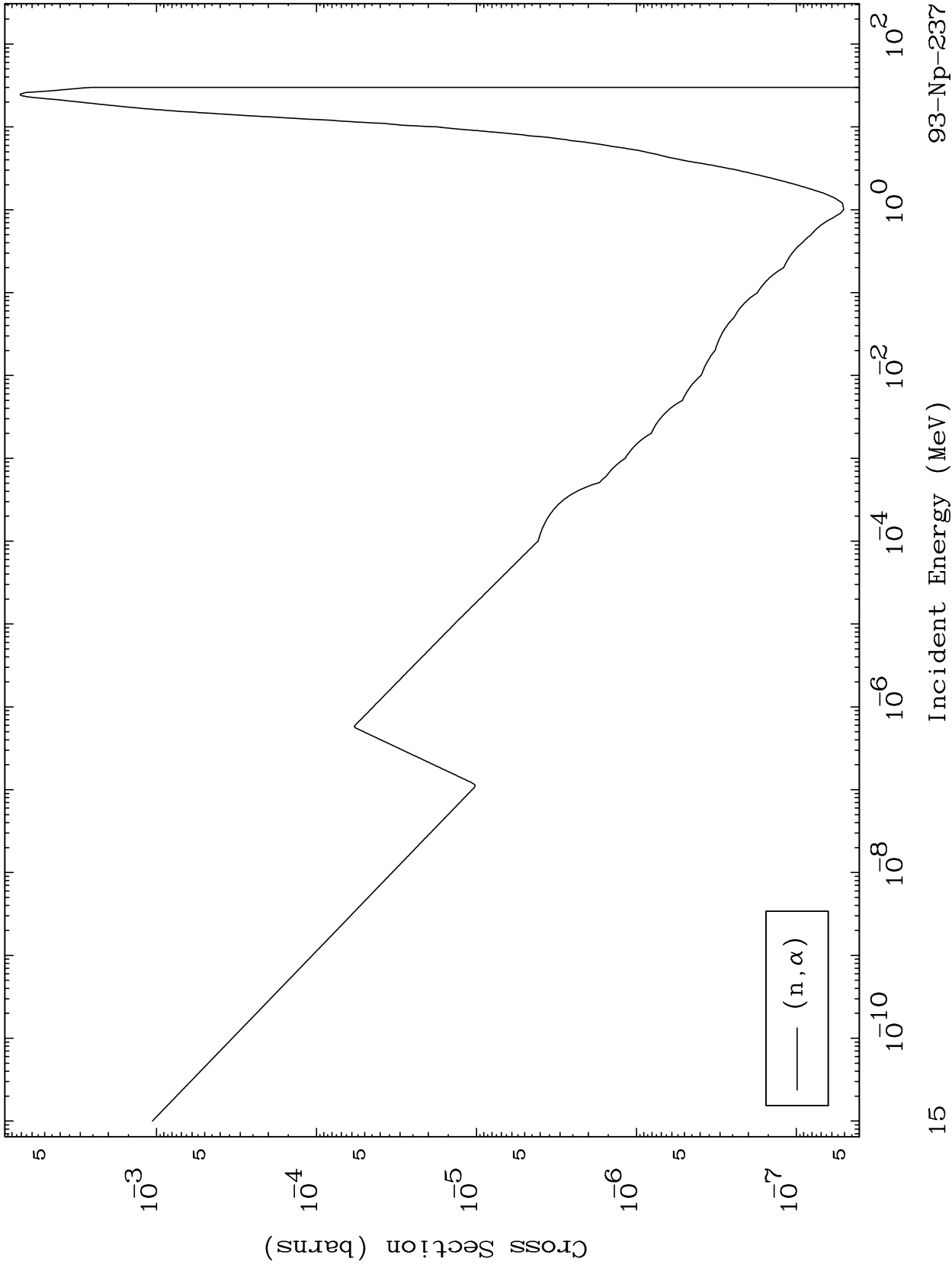
Incident Energy (MeV)

93-Np-237

MAT 9346

(n, α) Levels
293 Kelvin Cross Sections

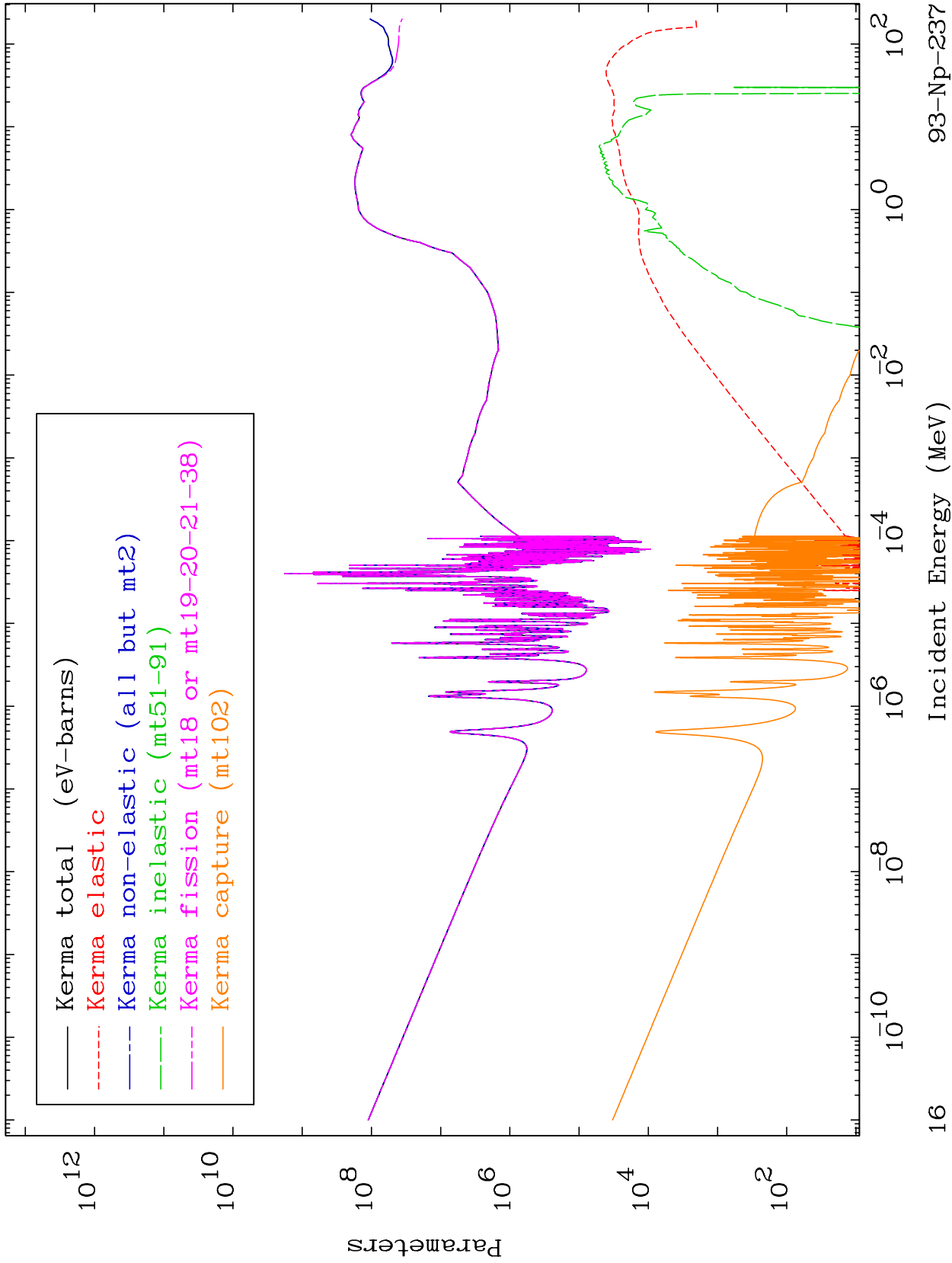
93-Np-237

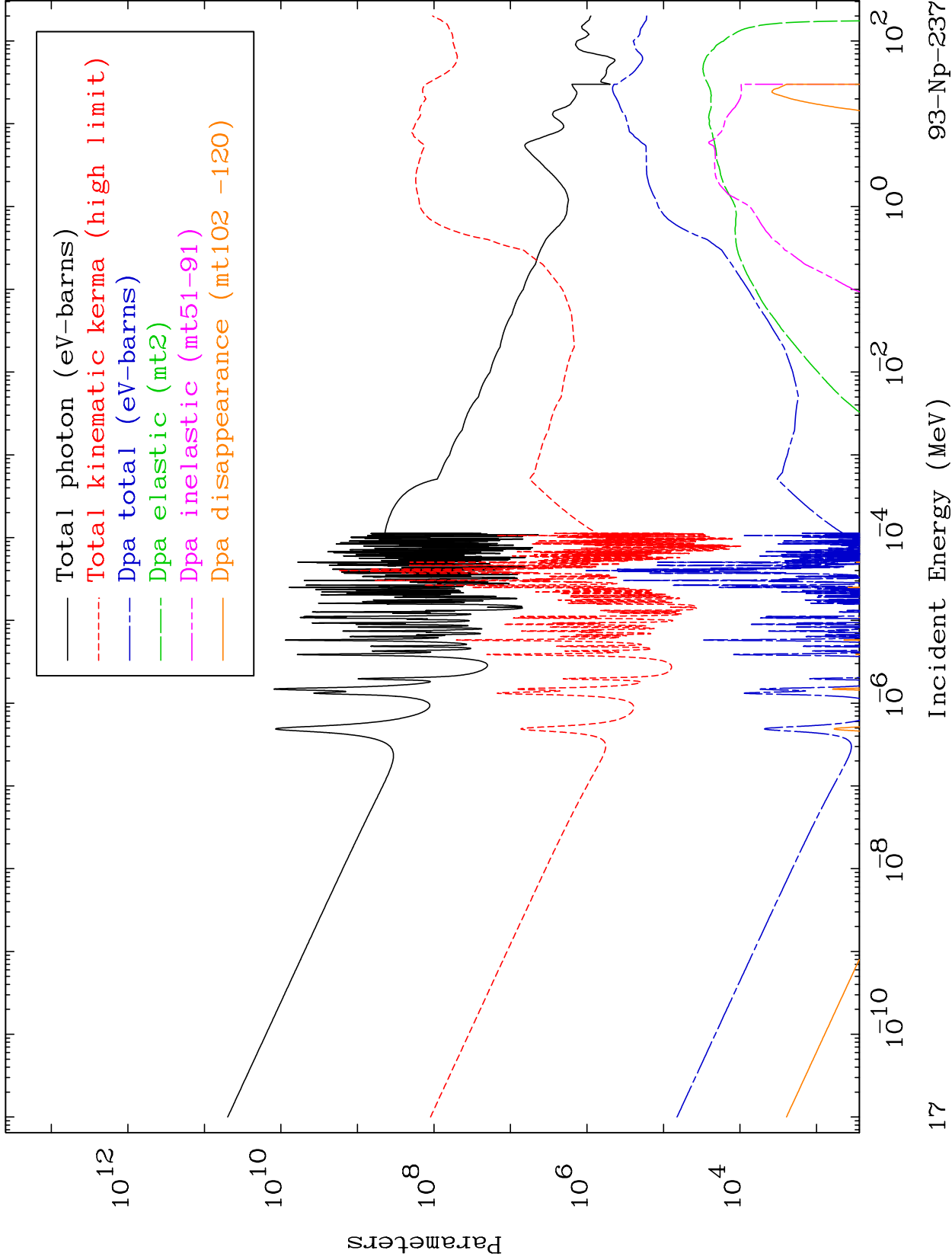


15

Incident Energy (MeV)

93-Np-237

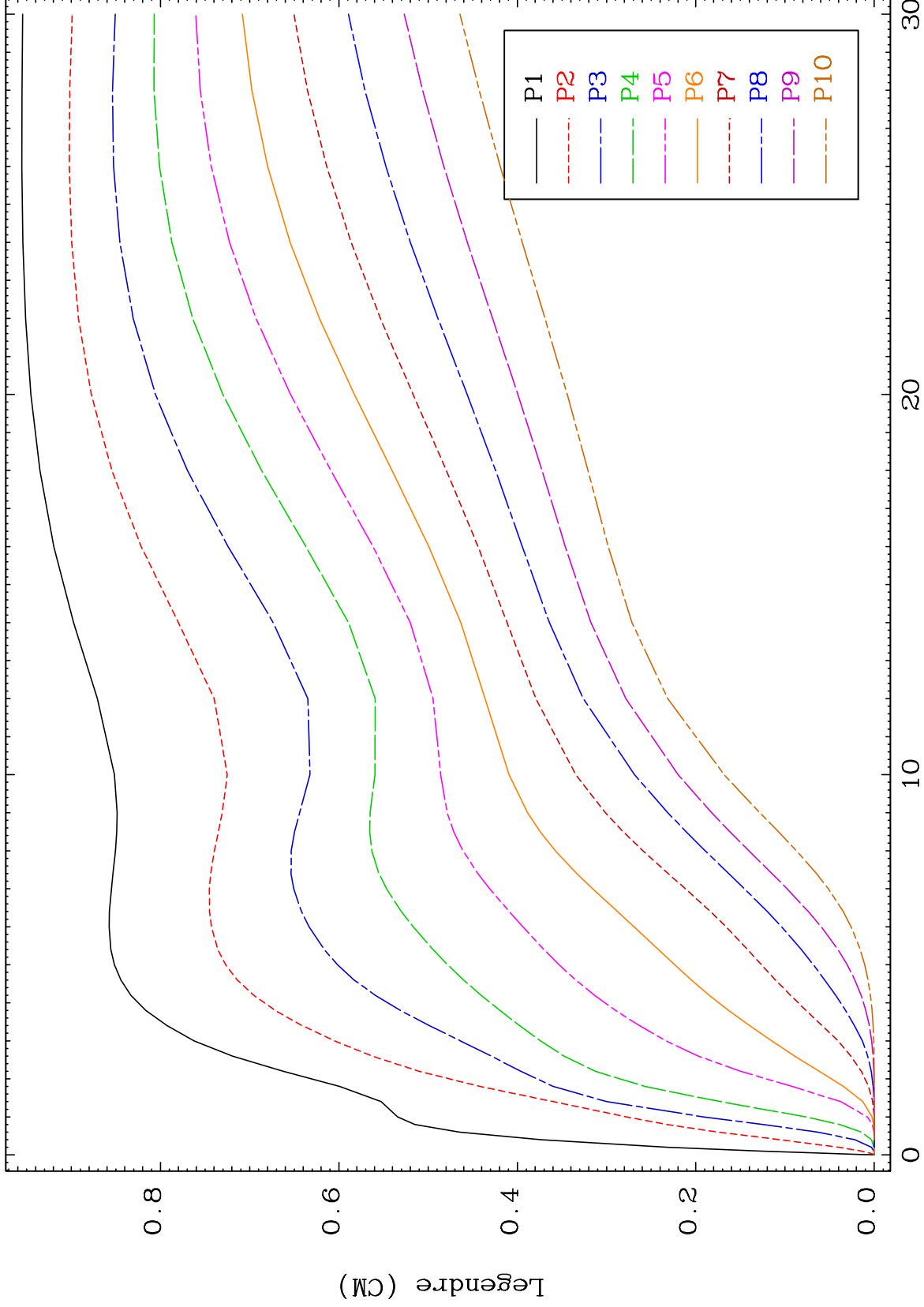




MAT 9346

Elastic Legendre Coefficients

93-Np-237



18

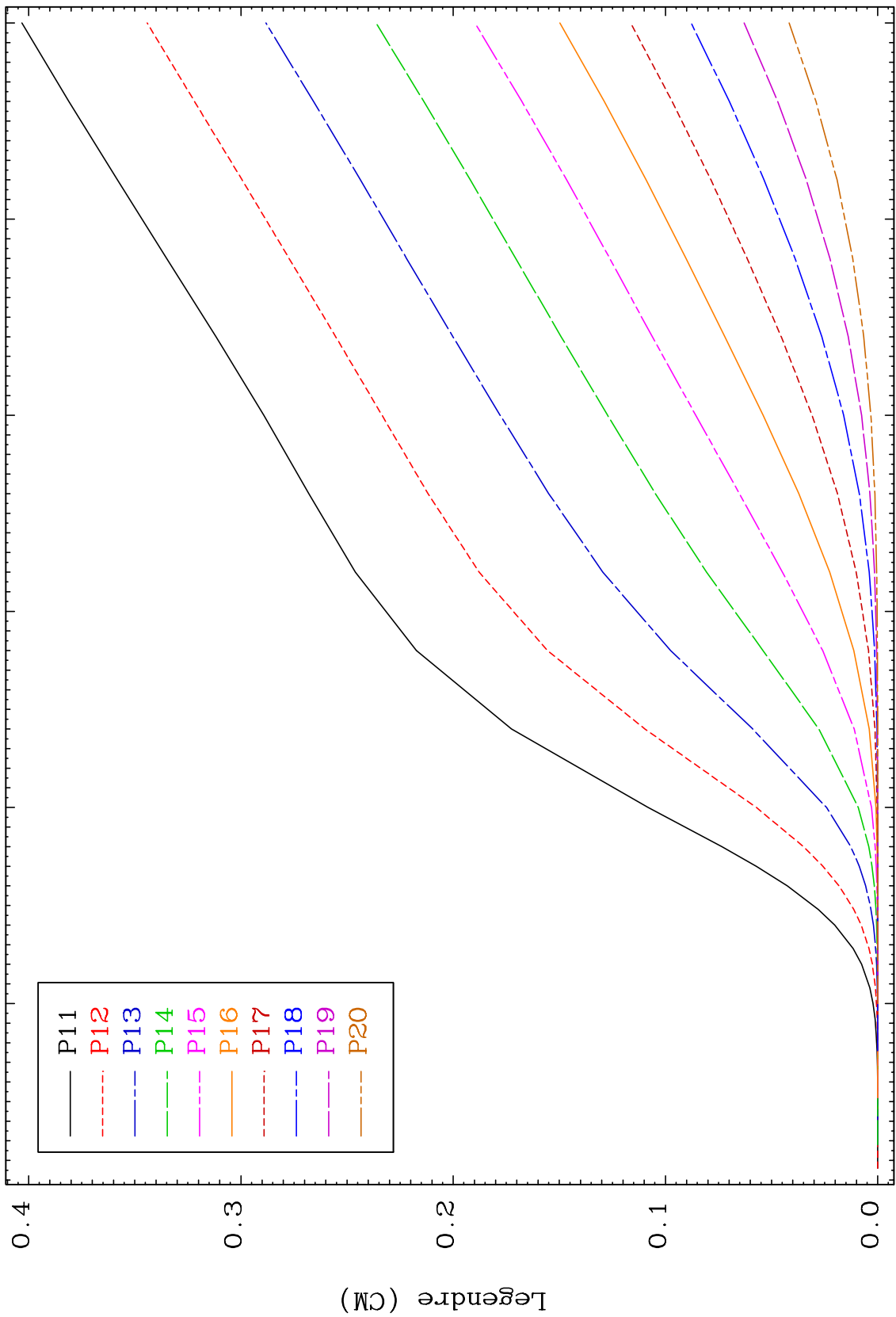
Incident Energy (MeV)

93-Np-237

MAT 9346

Elastic Legendre Coefficients

93-Np-237



19

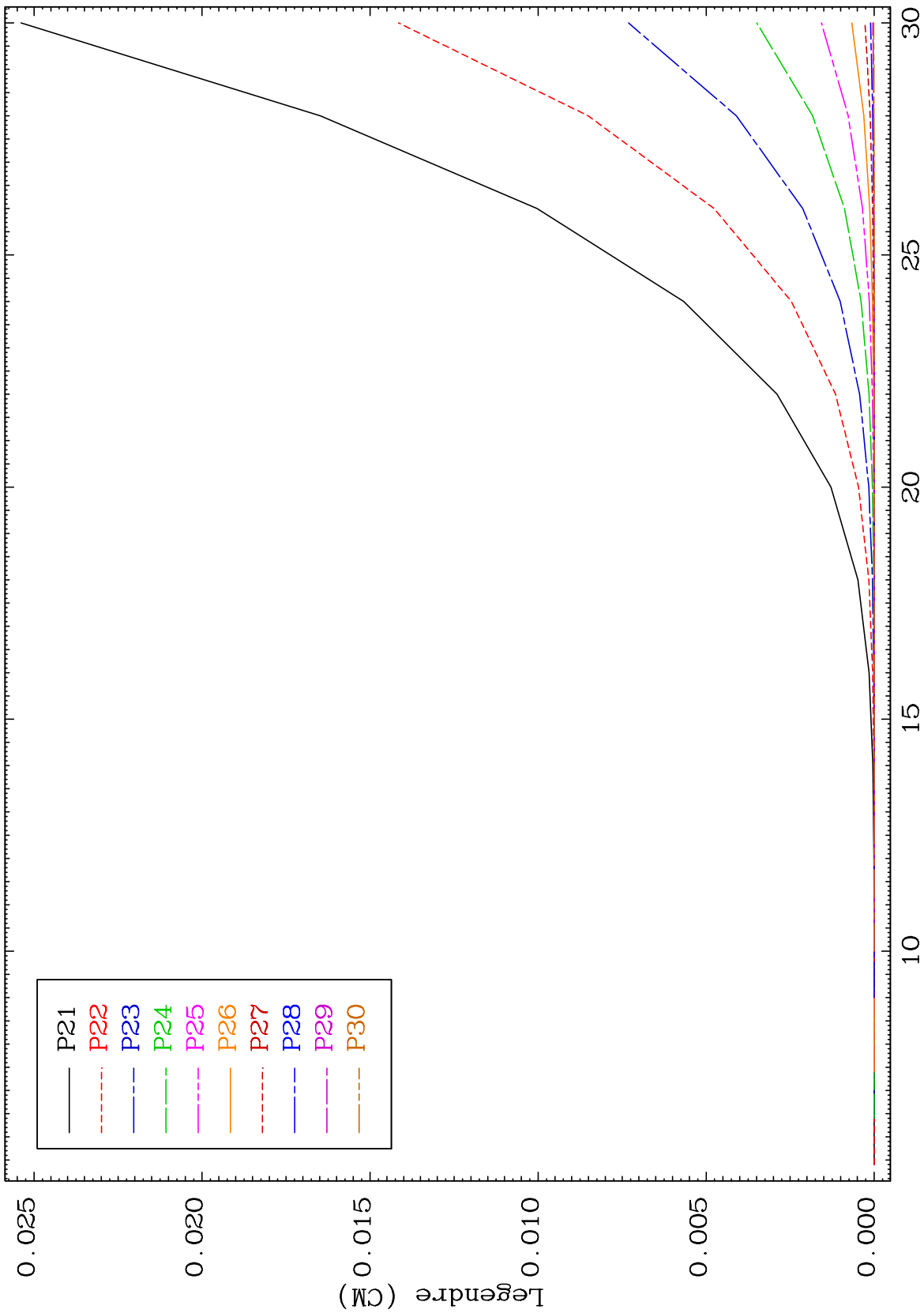
93-Np-237

Incident Energy (MeV)

MAT 9346

Elastic Legendre Coefficients

93-Np-237



20

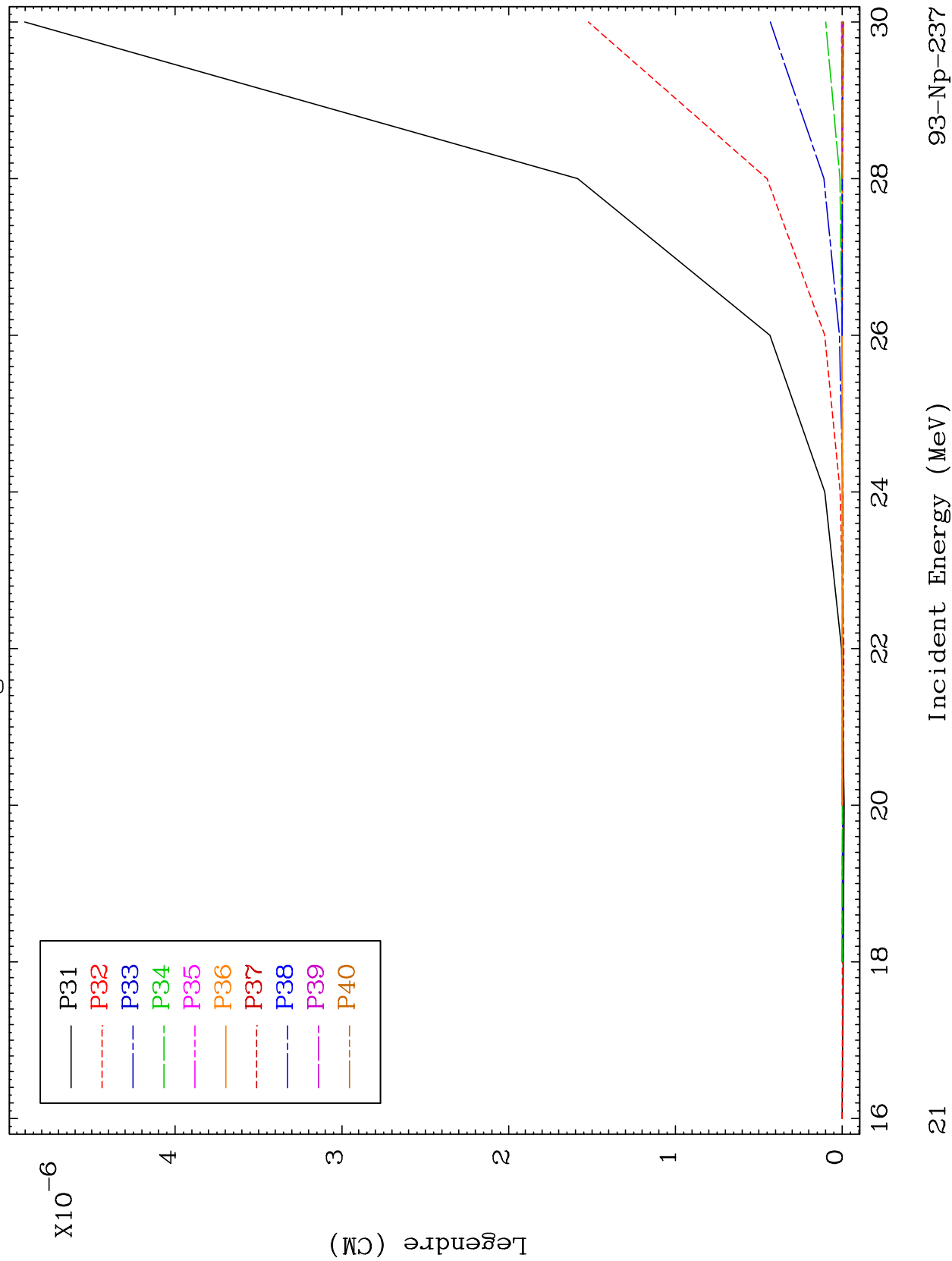
Incident Energy (MeV)

93-Np-237

MAT 9346

Elastic Legendre Coefficients

93-Np-237

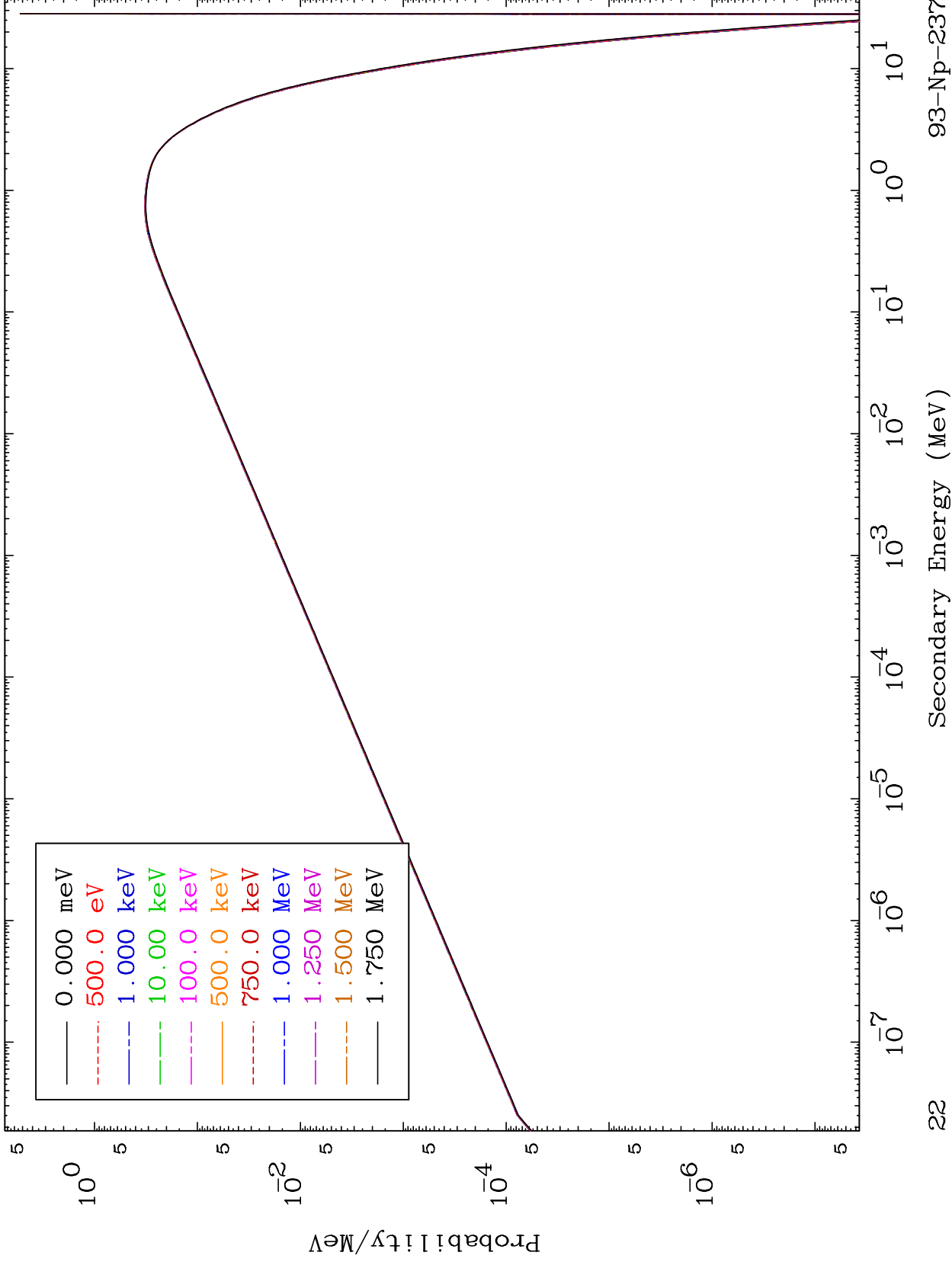


93-Np-237

Incident Energy (MeV)

21

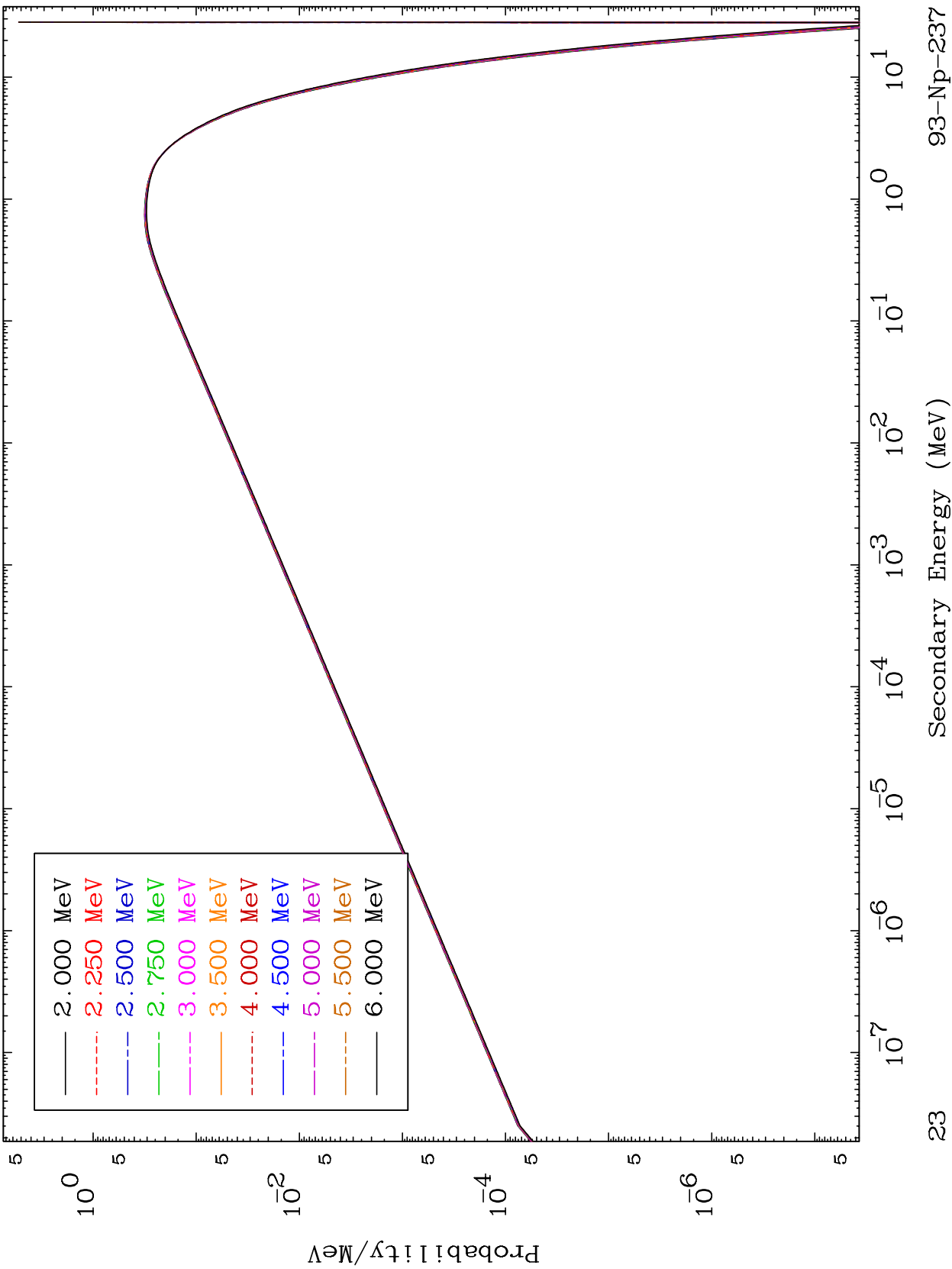
Fission Energy Distribution



MAT 9346

Fission Energy Distribution

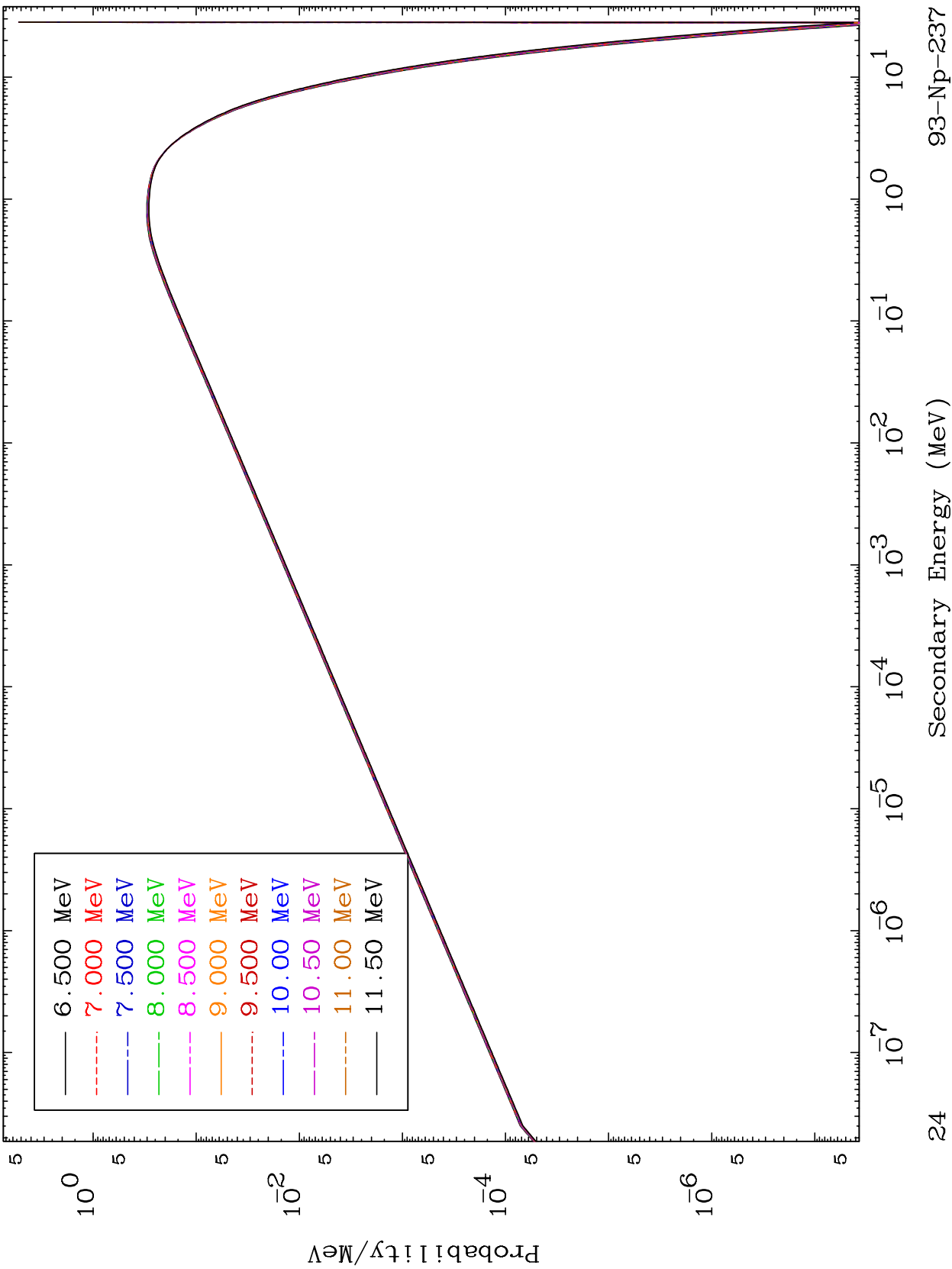
93-Np-237



MAT 9346

Fission Energy Distribution

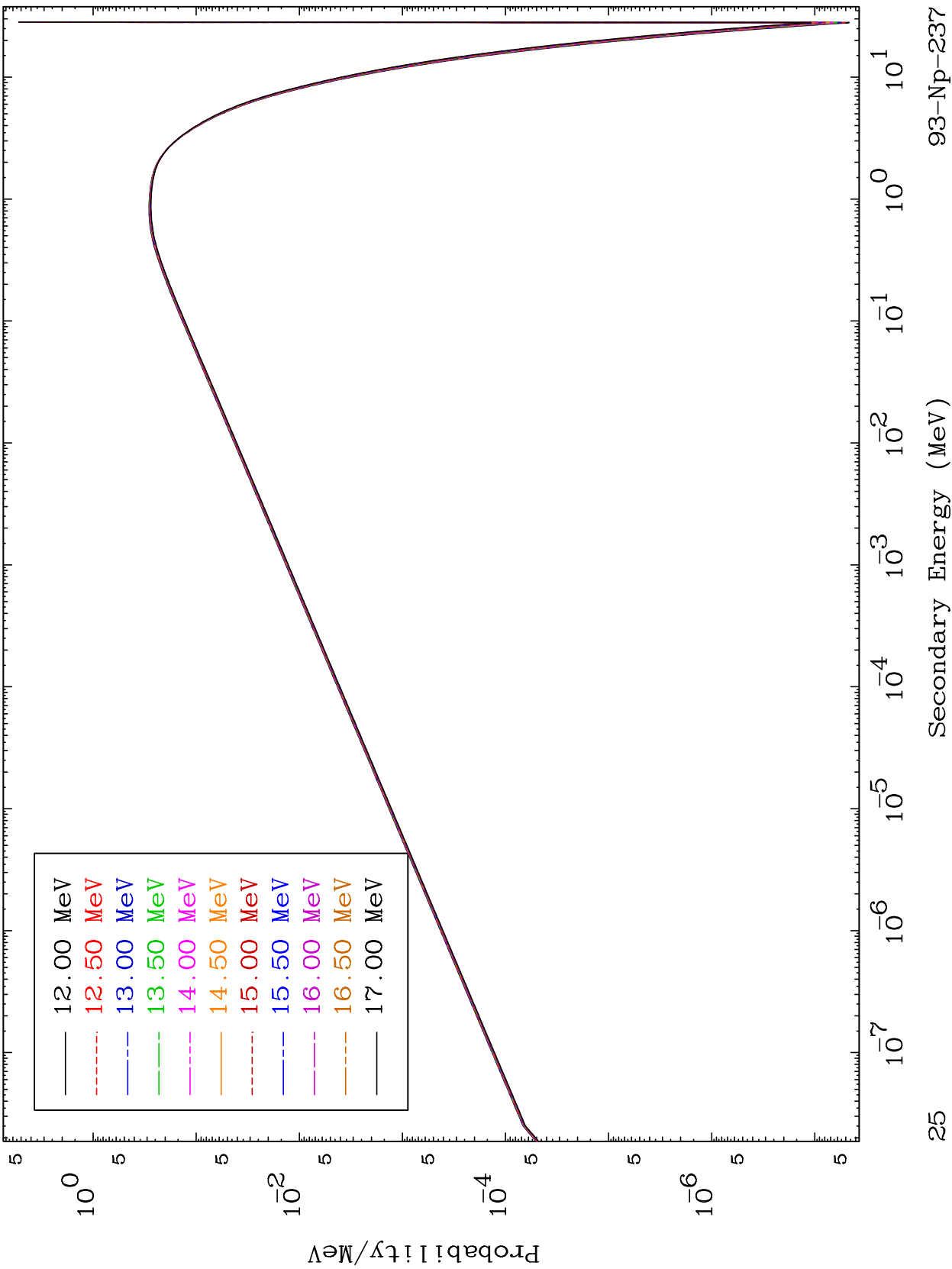
93-Np-237



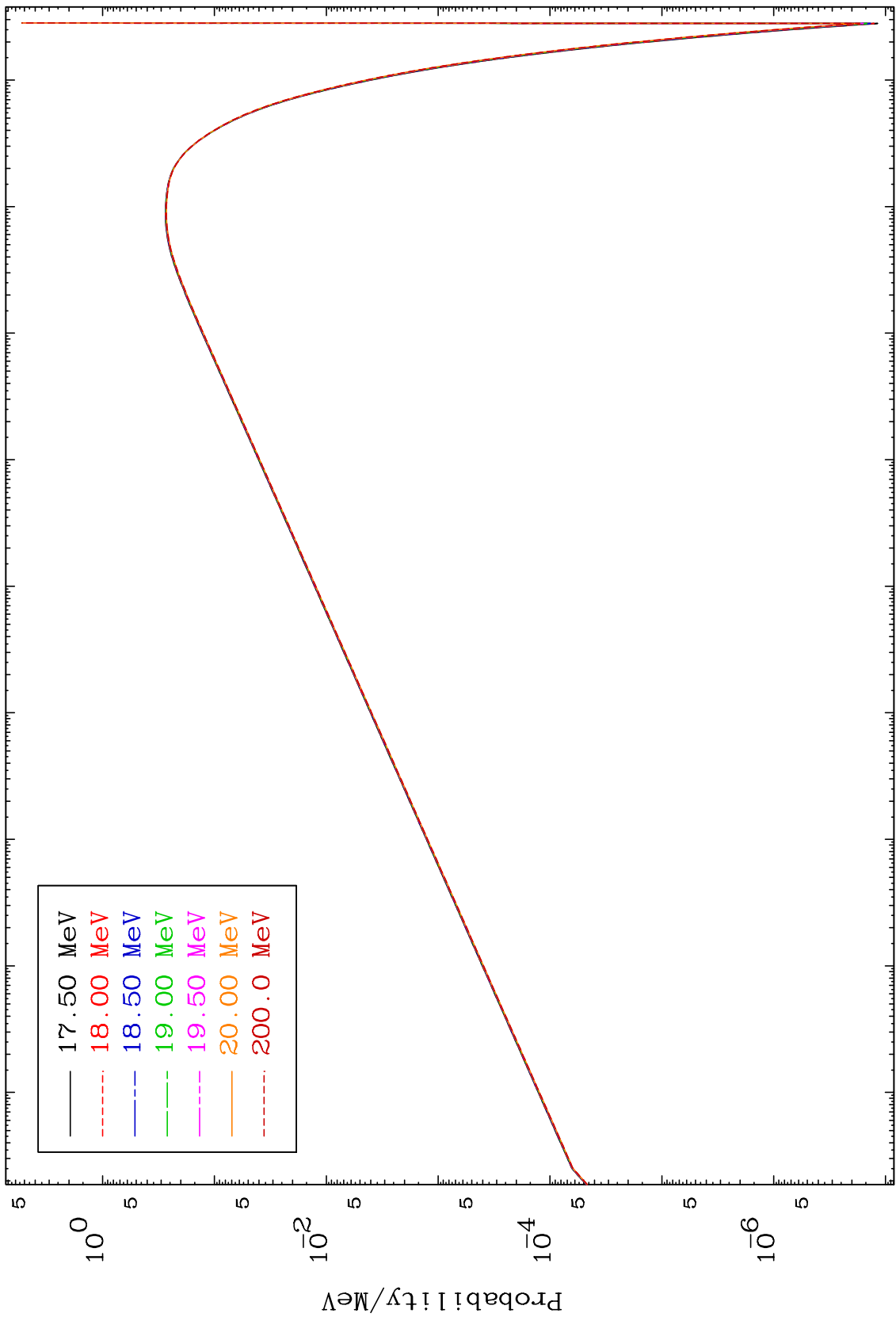
93-Np-237

Secondary Energy (MeV)

Fission Energy Distribution



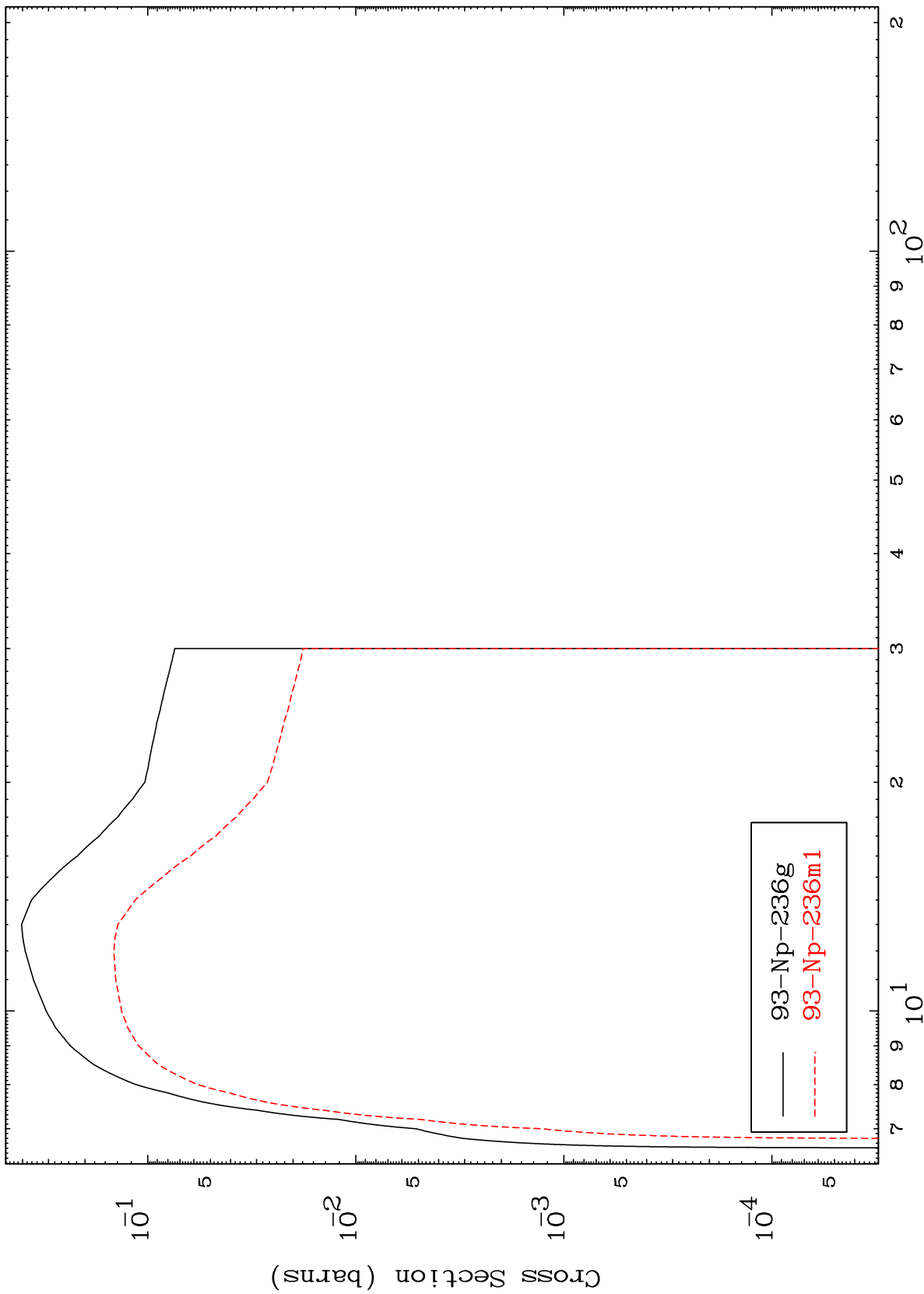
Fission Energy Distribution



MAT 9346

93-Np-237

(n,2n)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

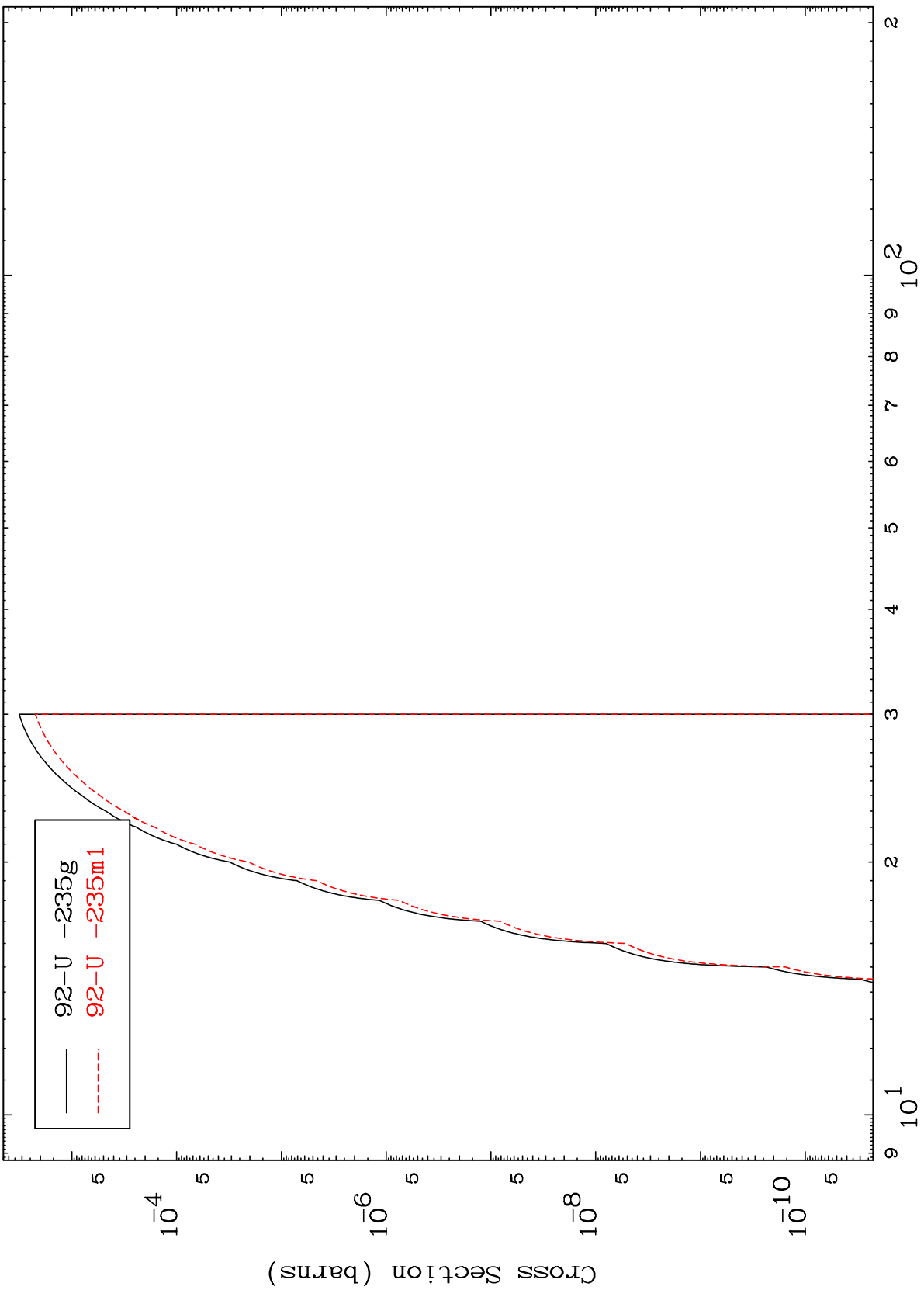
93-Np-237

MAT 9346

(n,n') d

93-Np-237

Radionuclide Production Cross Section



28

Incident Energy (MeV)

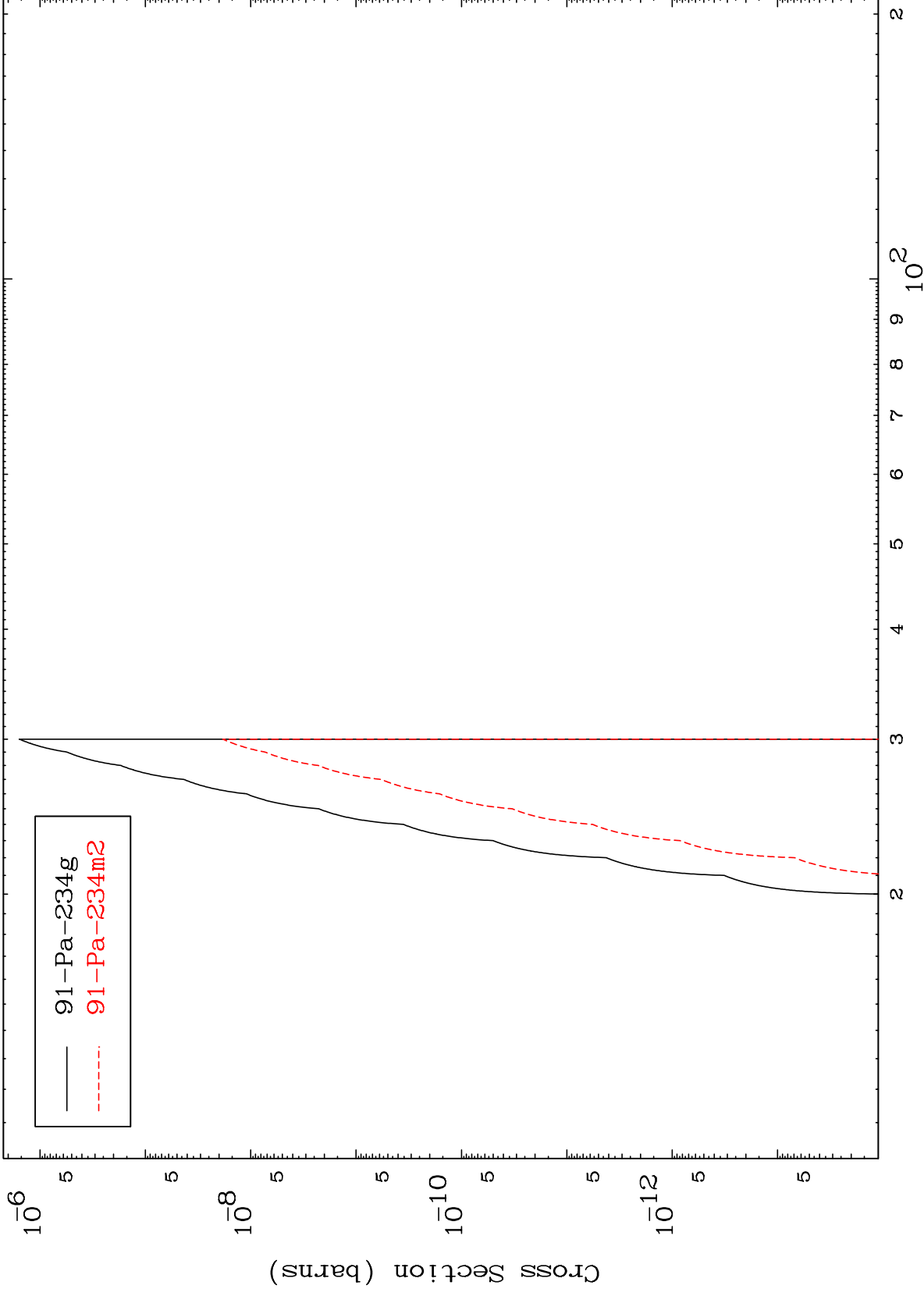
93-Np-237

MAT 9346

(n,n') He-3

93-Np-237

Radionuclide Production Cross Section

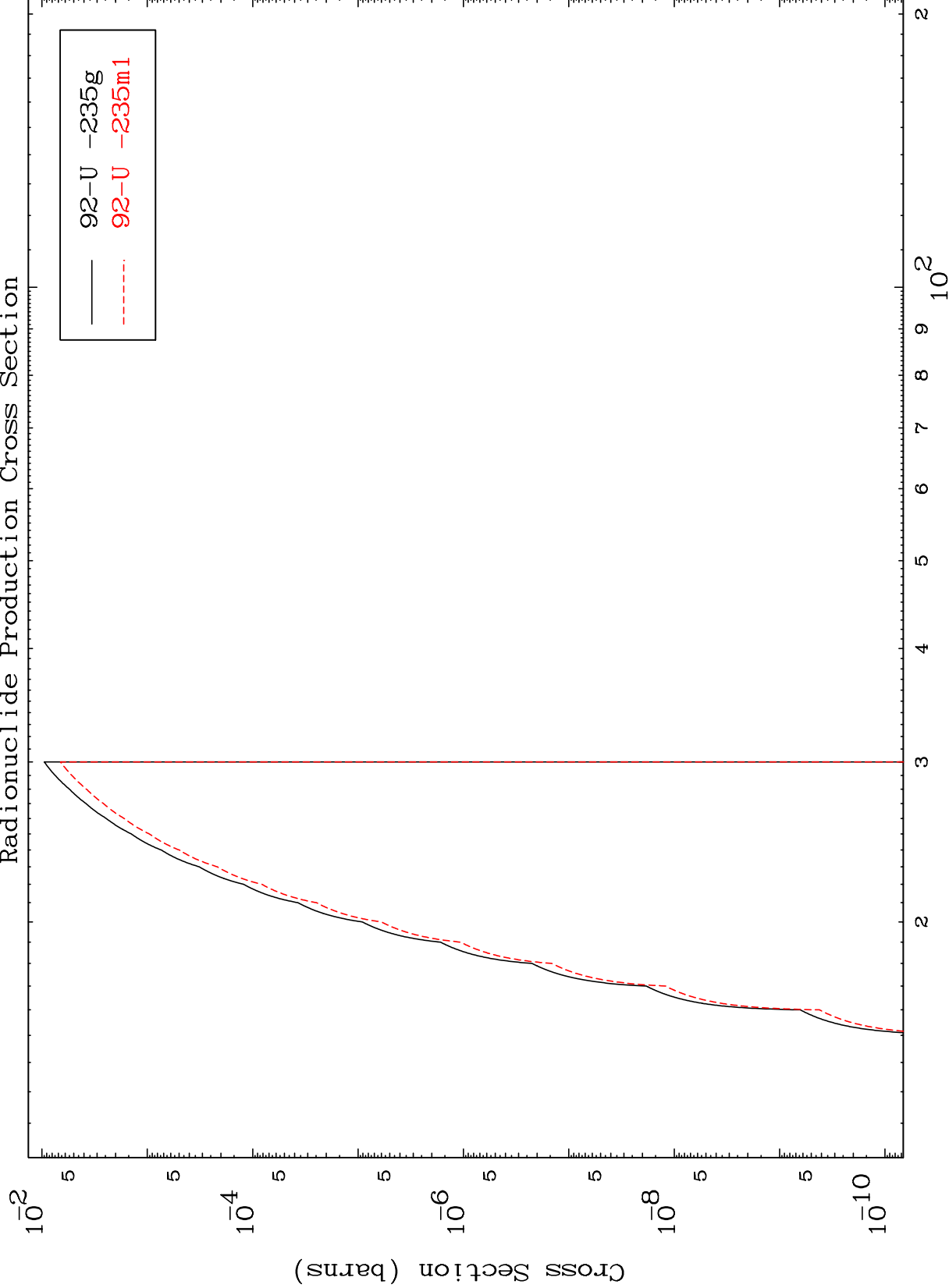


MAT 9346

(n,2n) p

93-Np-237

Radionuclide Production Cross Section



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

30

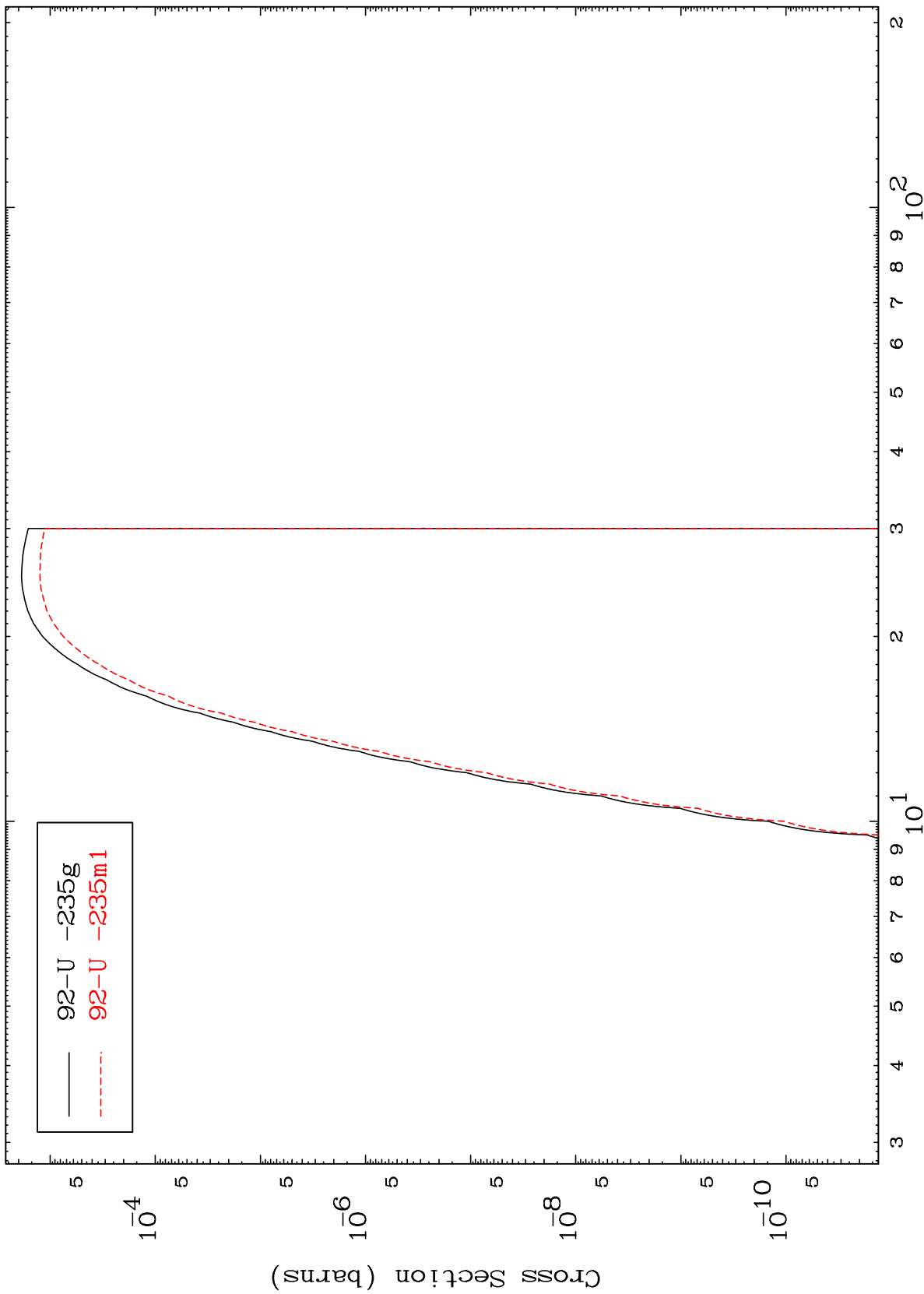
Incident Energy (MeV)

93-Np-237

MAT 9346

93-Np-237

(n, t)
Radionuclide Production Cross Section



93-Np-237

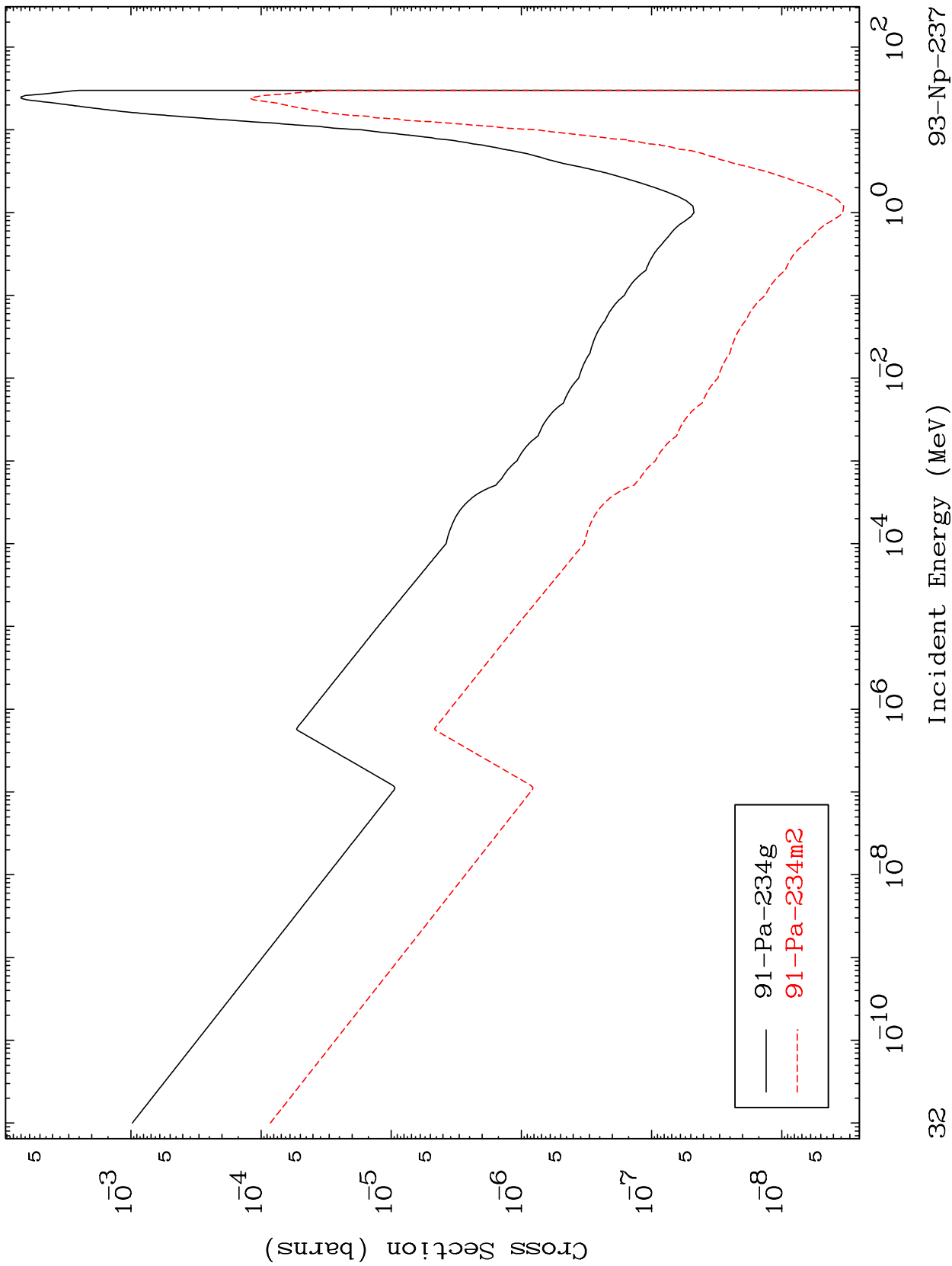
Incident Energy (MeV)

31

MAT 9346

93-Np-237

Radionuclide Production Cross Section
(n, α)



32