

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

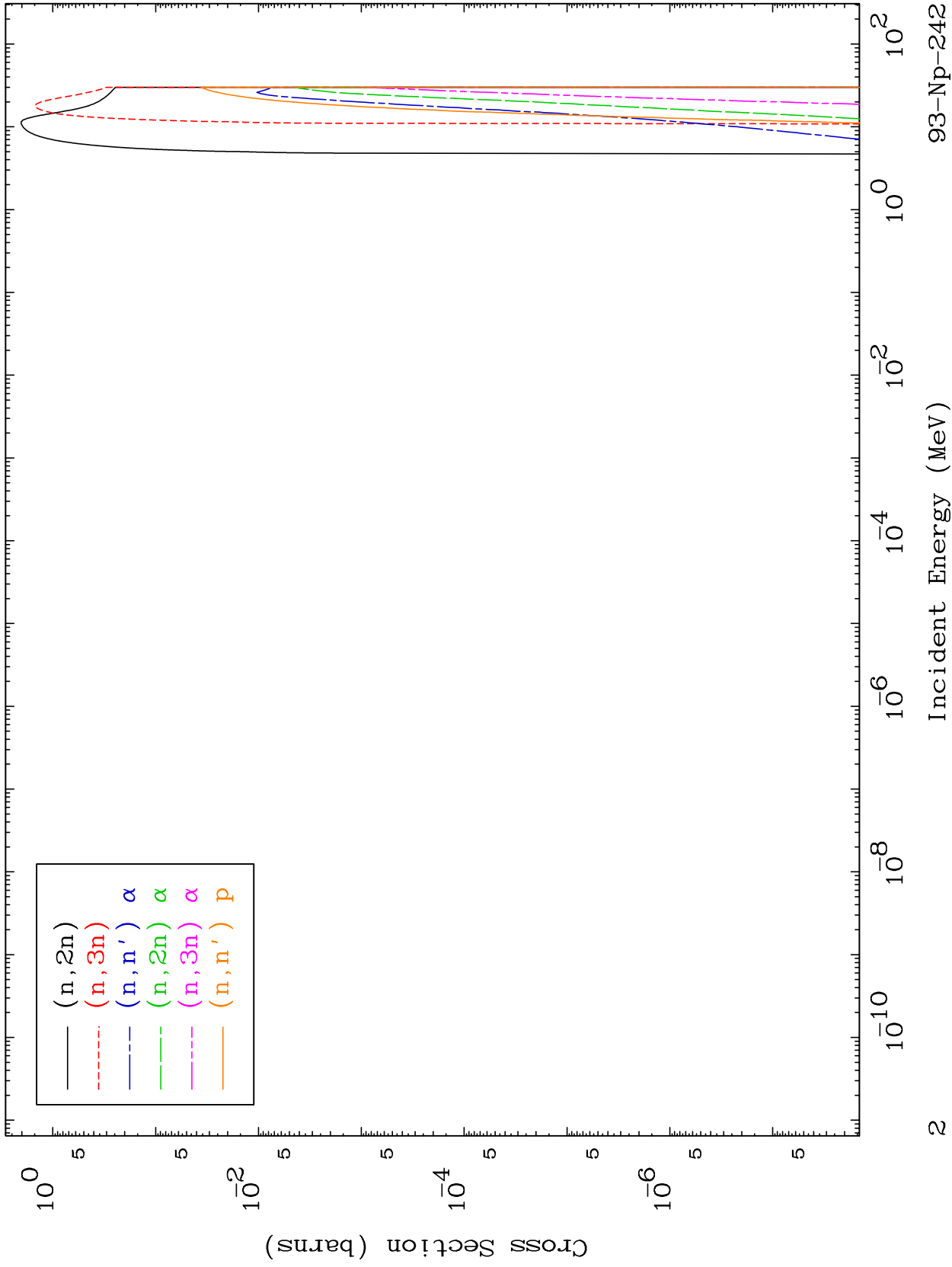
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9362

Neutron Production
293 Kelvin Cross Sections

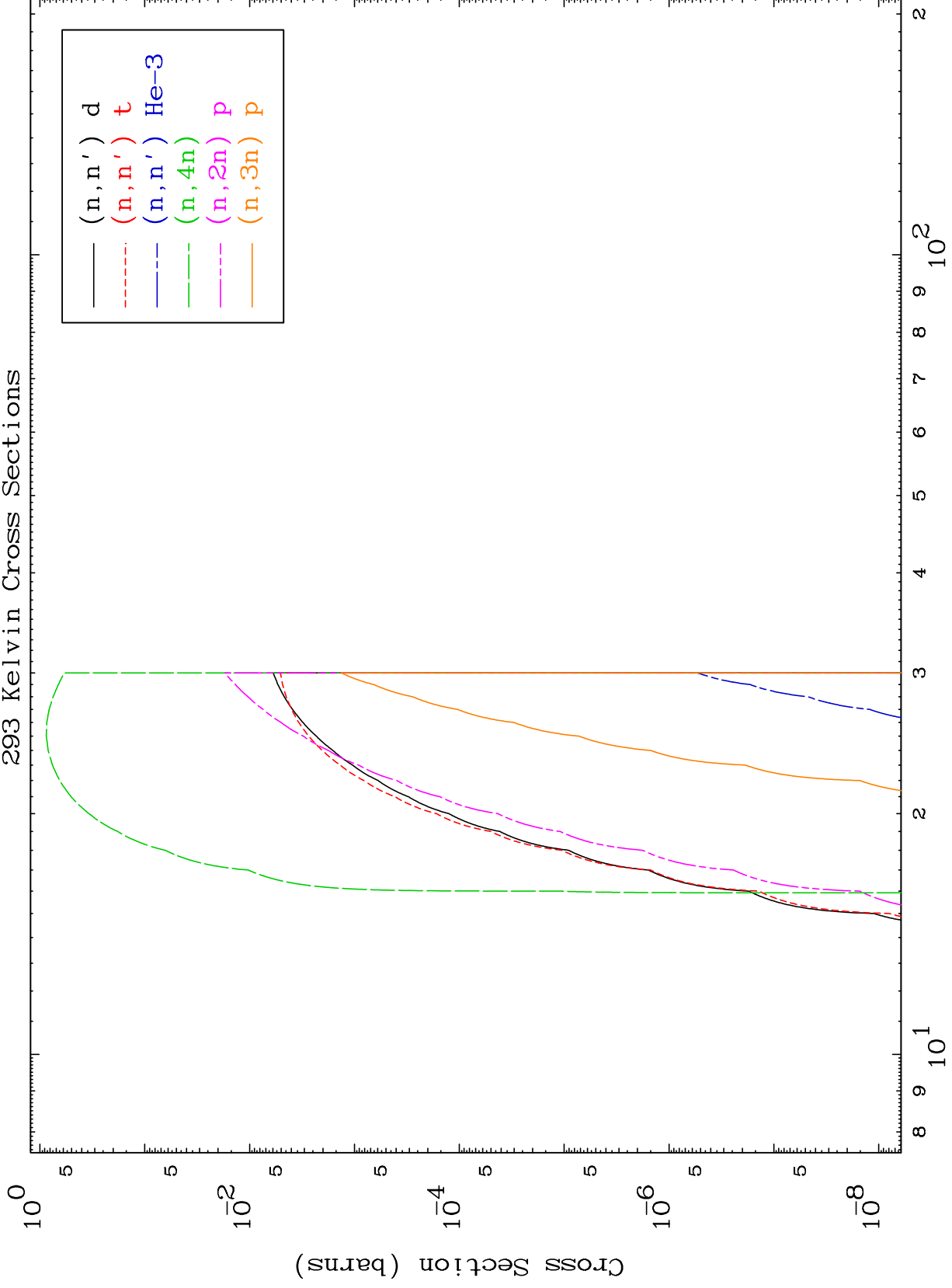
93-Np-242



MAT 9362

Neutron Production
293 Kelvin Cross Sections

93-Np-242



Incident Energy (MeV)

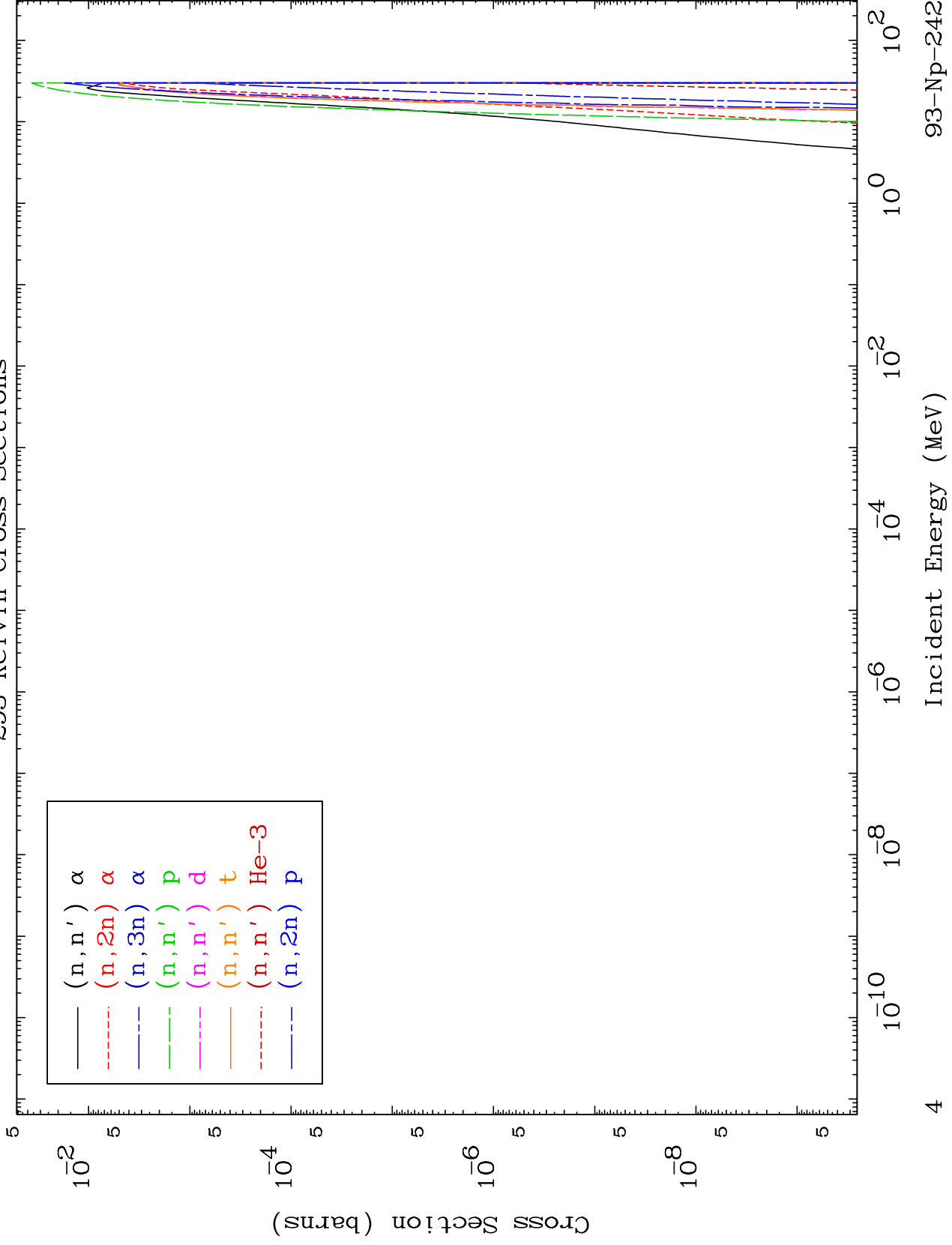
93-Np-242

3

MAT 9362

Charged Particle
293 Kelvin Cross Sections

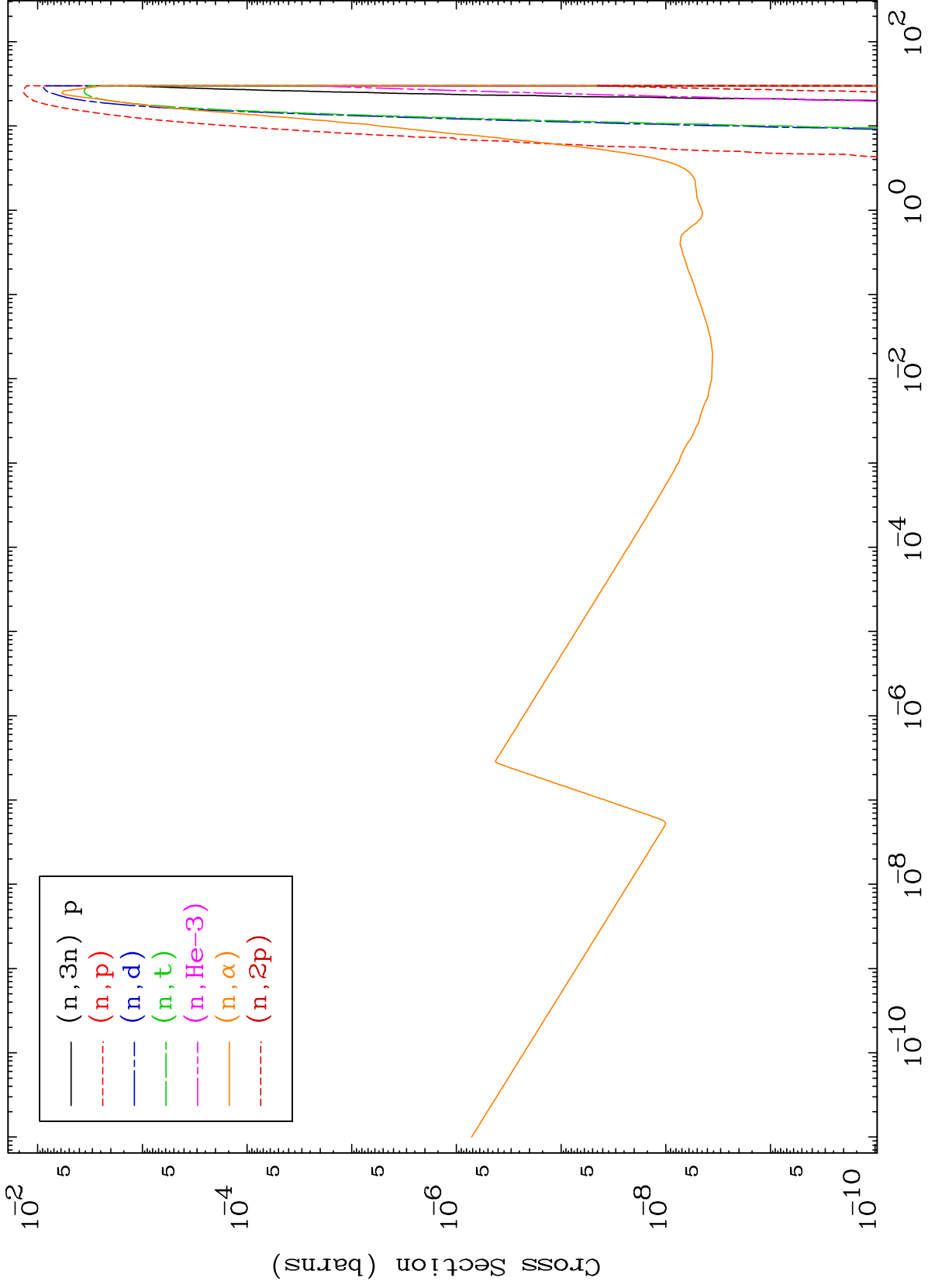
93-Np-242



MAT 9362

Charged Particle
293 Kelvin Cross Sections

93-Np-242



5

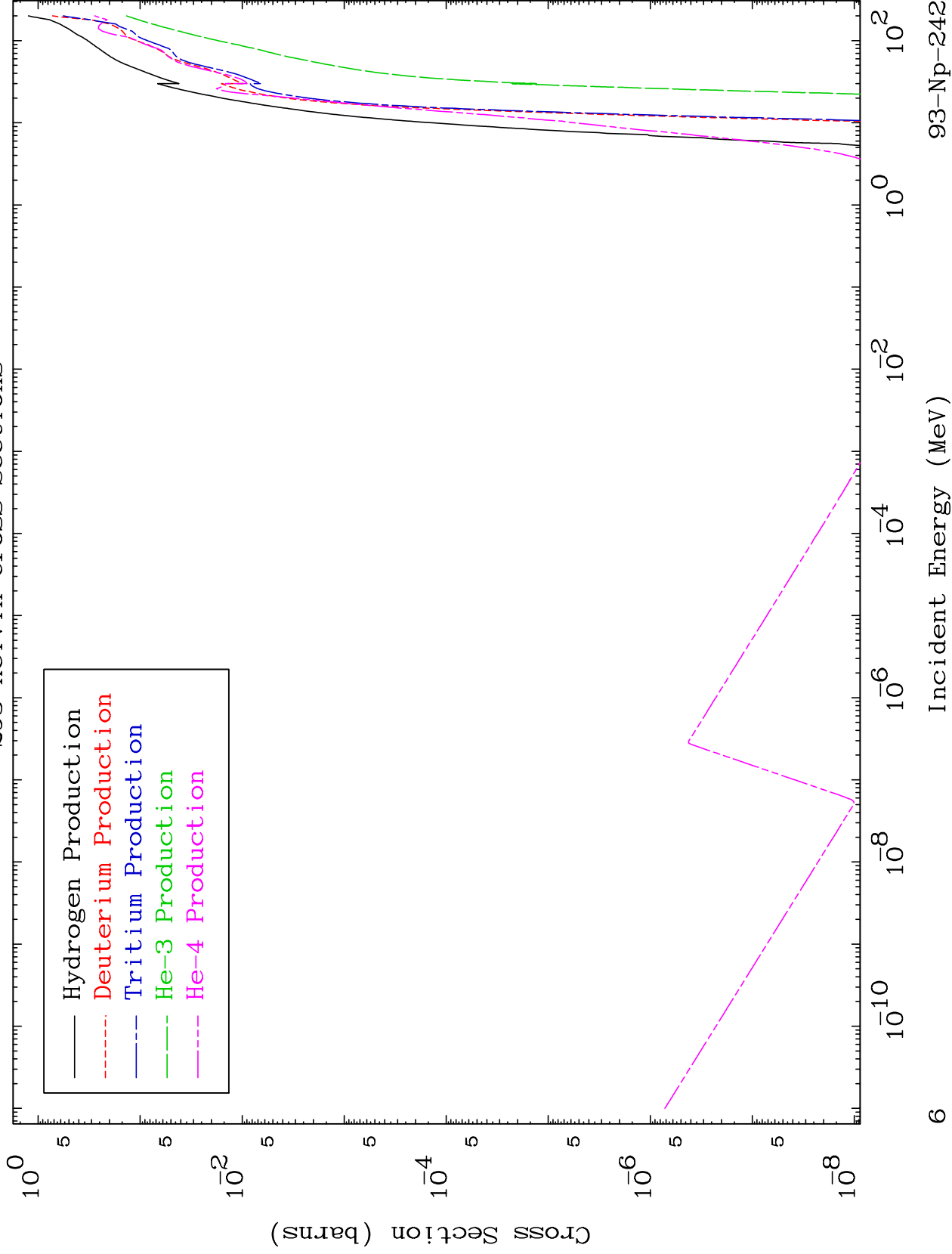
Incident Energy (MeV)

93-Np-242

MAT 9362

Particle Production
293 Kelvin Cross Sections

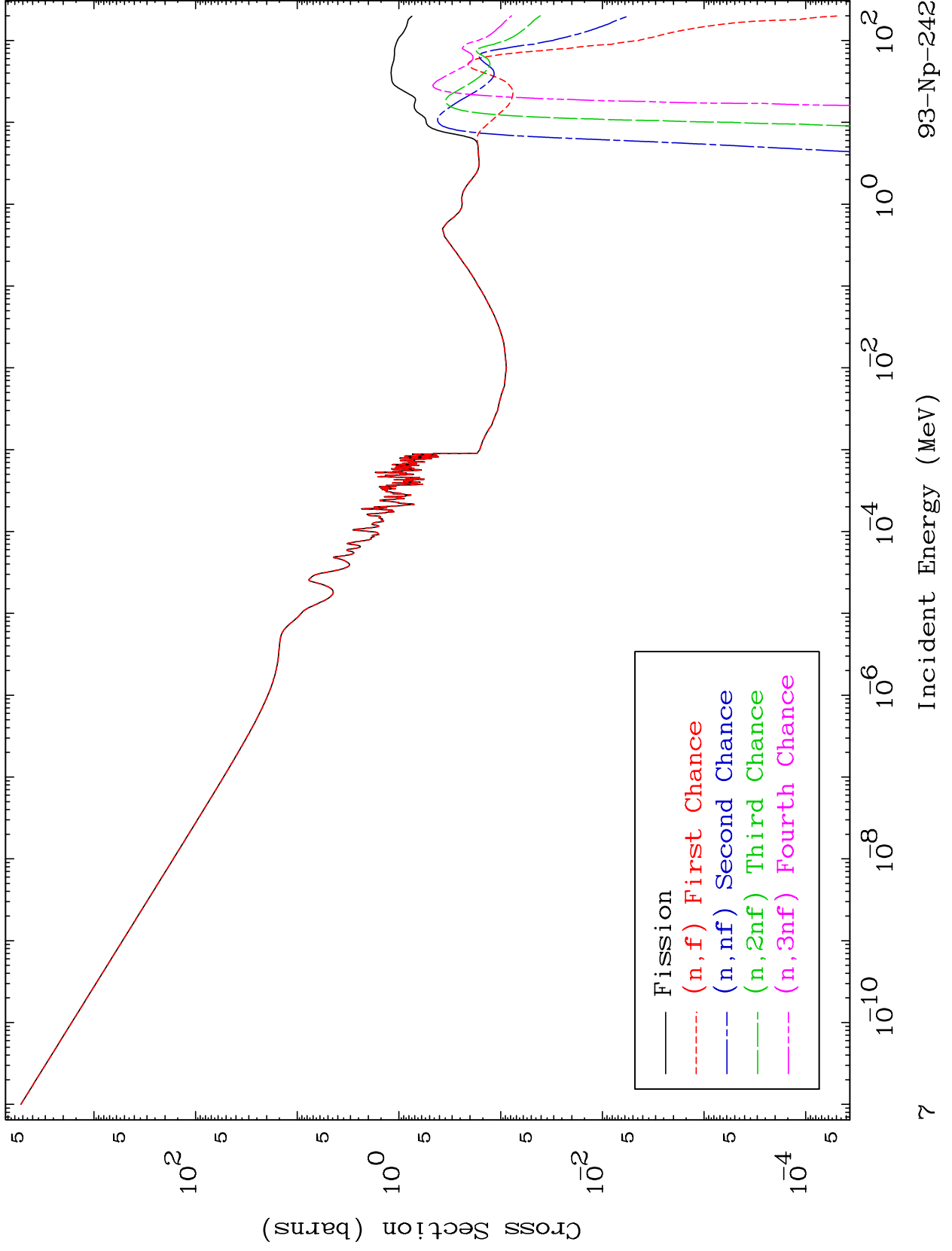
93-Np-242



MAT 9362

Fission
293 Kelvin Cross Sections

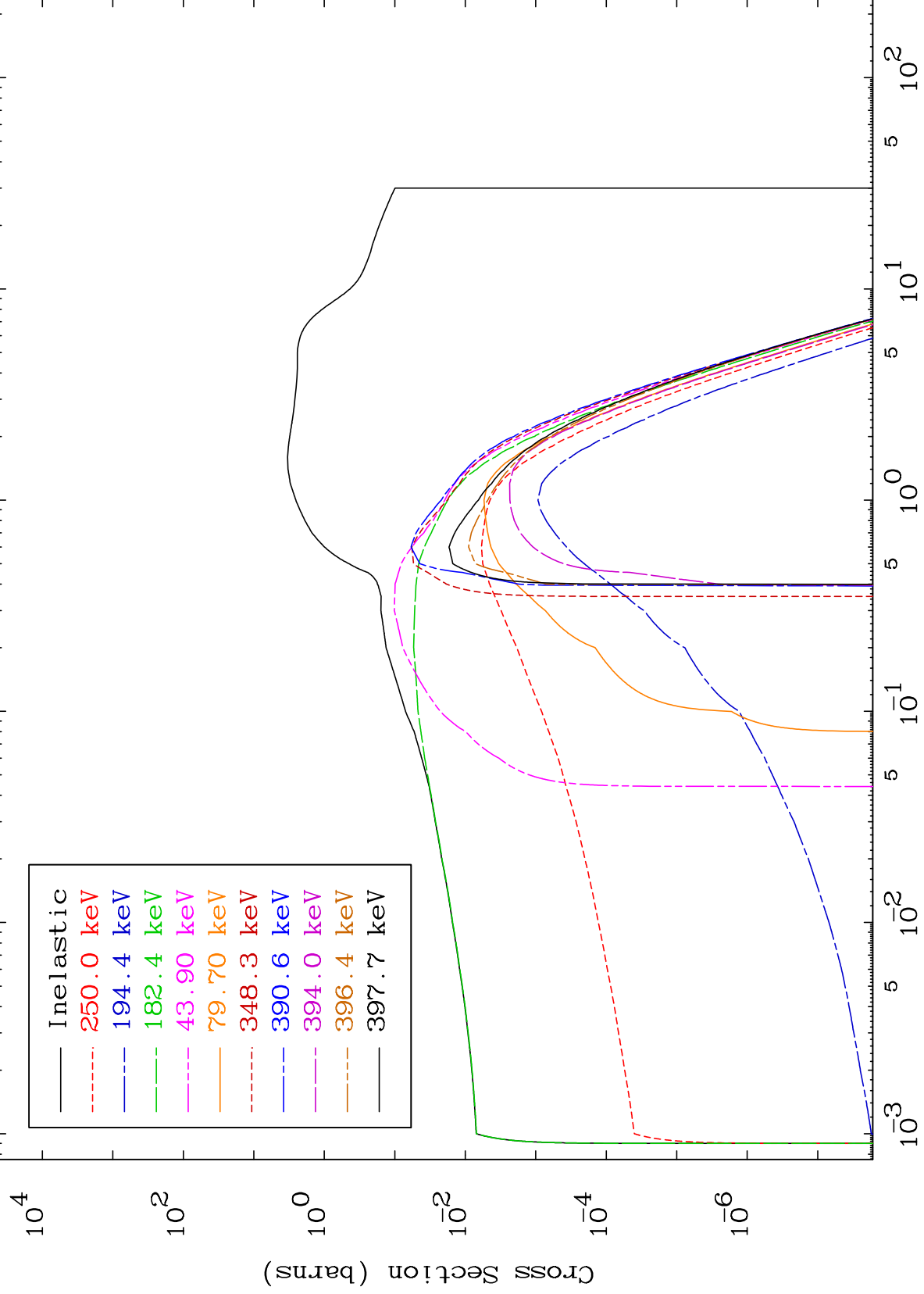
93-Np-242



MAT 9362

(n,n') Level
293 Kelvin Cross Sections

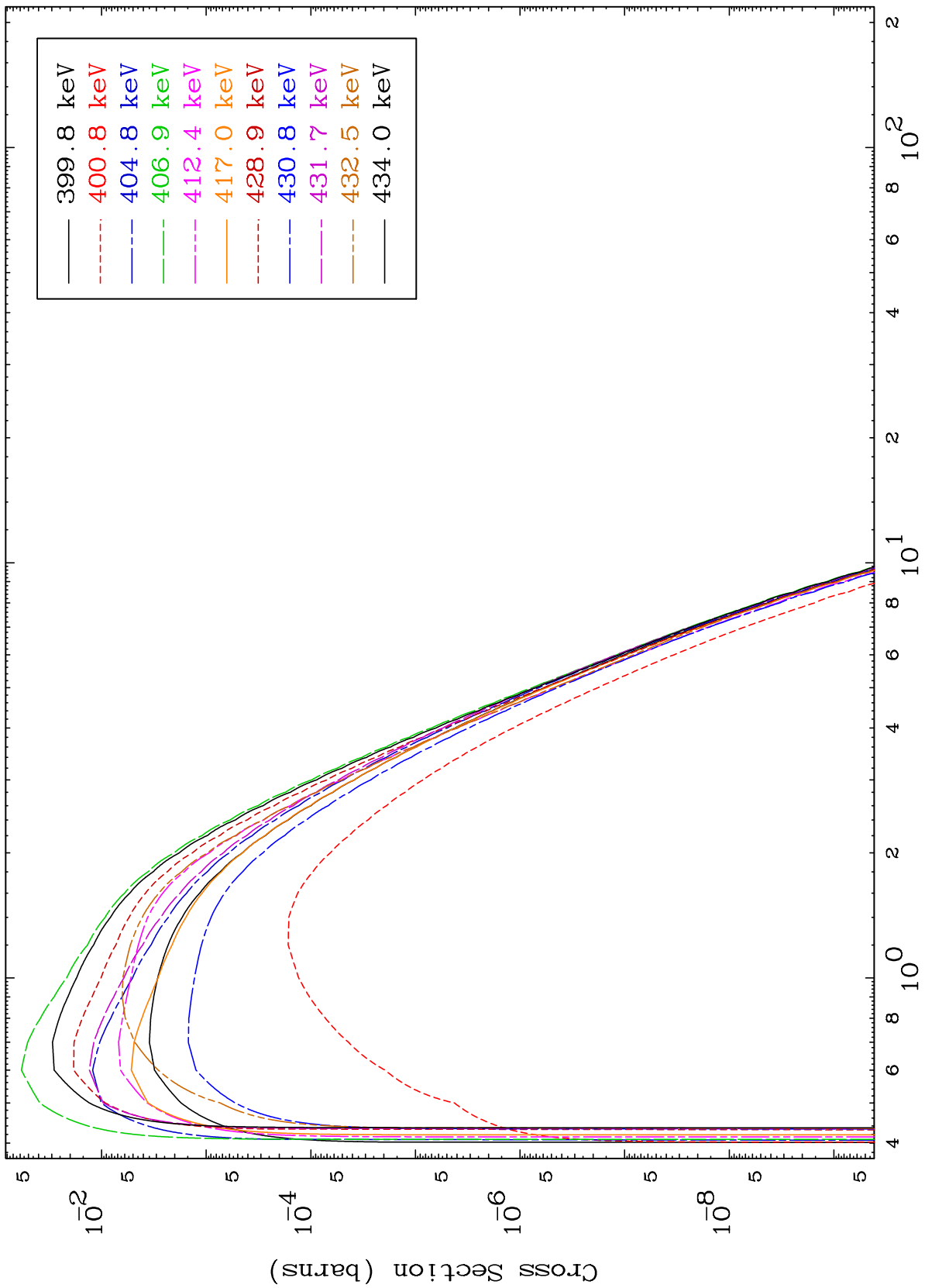
93-Np-242



MAT 9362

(n,n') Level
293 Kelvin Cross Sections

93-Np-242



9

Incident Energy (MeV)

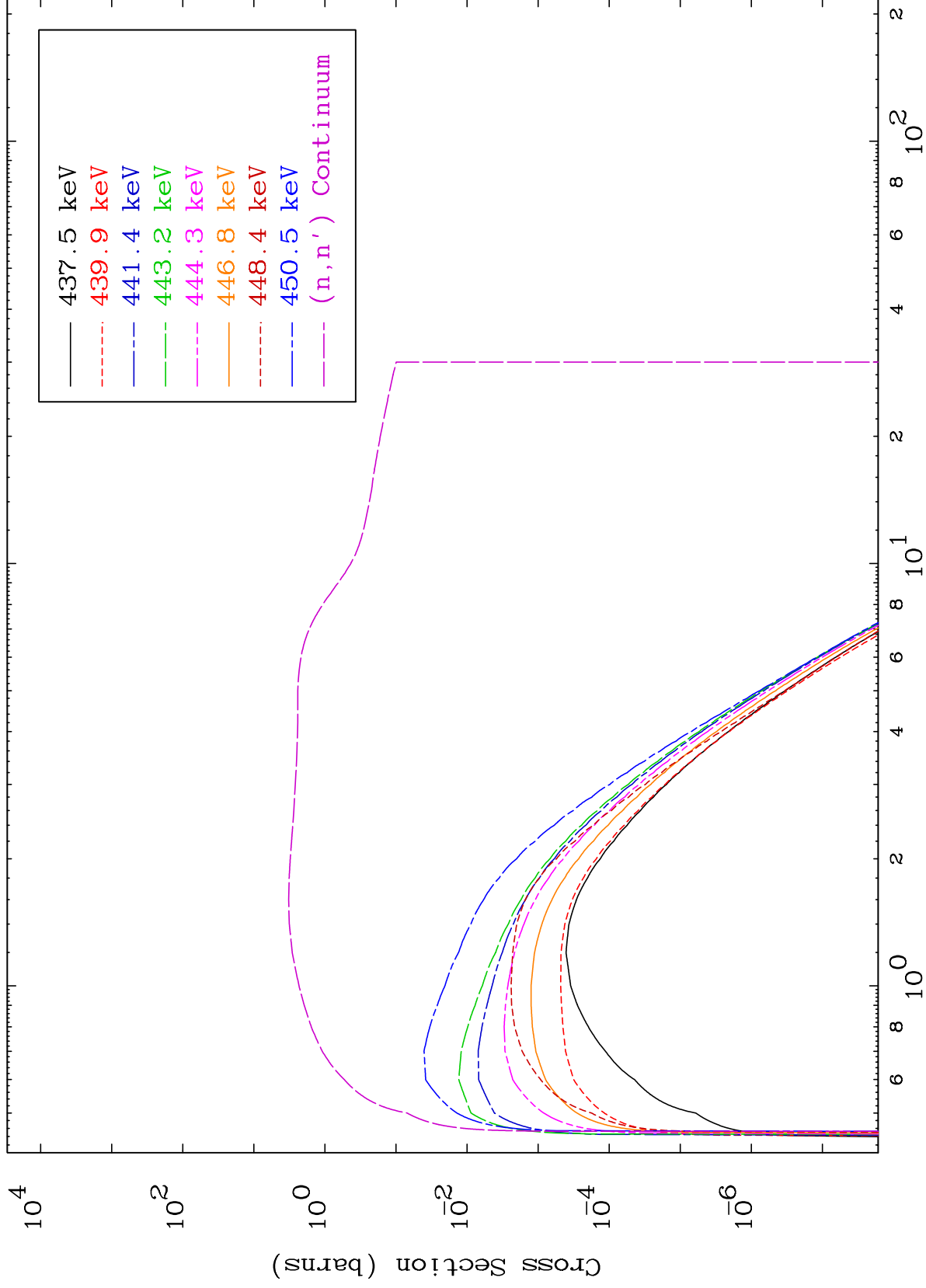
93-Np-242

MAT 9362

(n,n') Level

93-Np-242

293 Kelvin Cross Sections



10

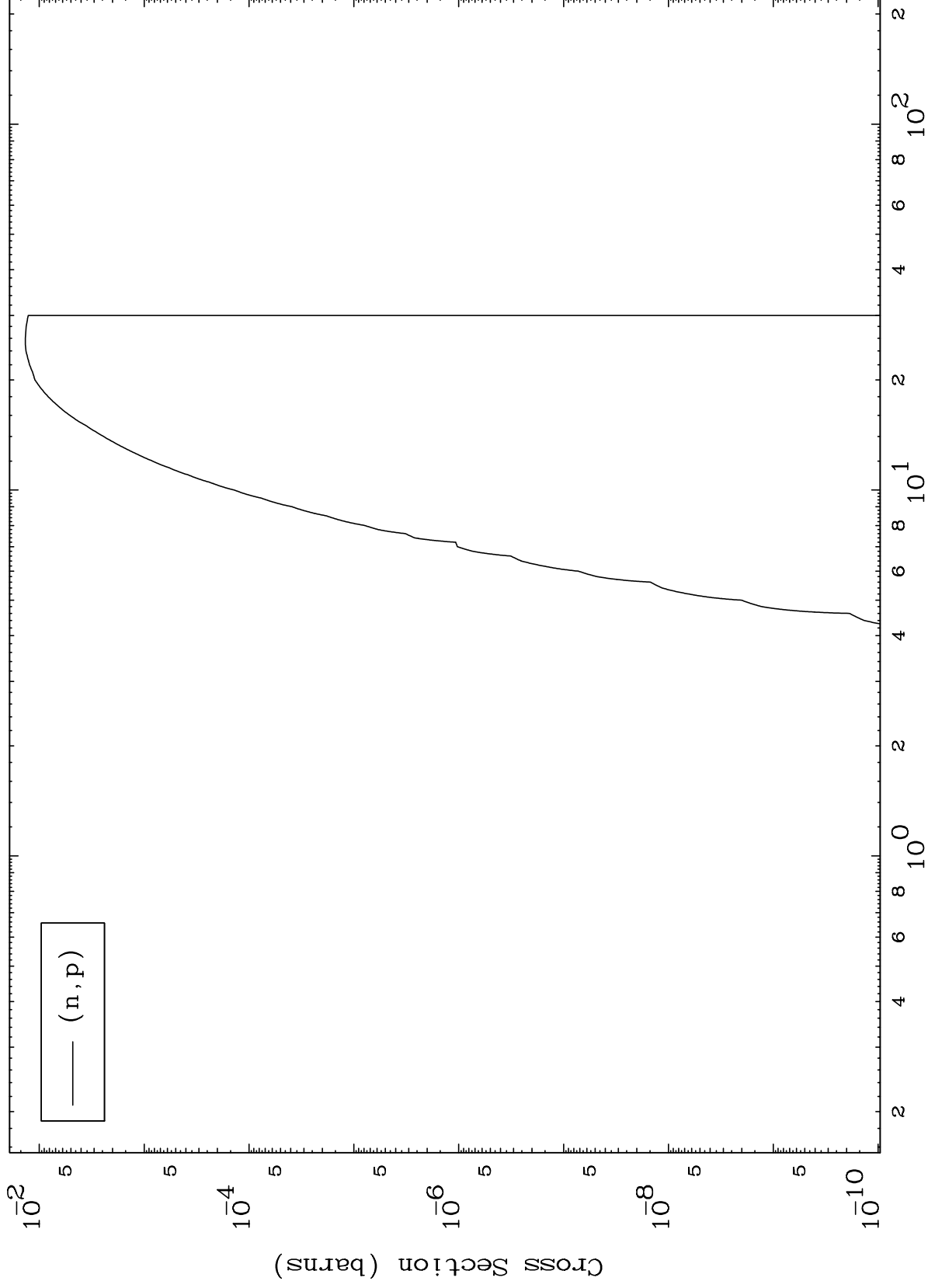
Incident Energy (MeV)

93-Np-242

MAT 9362

(n,p) Levels
293 Kelvin Cross Sections

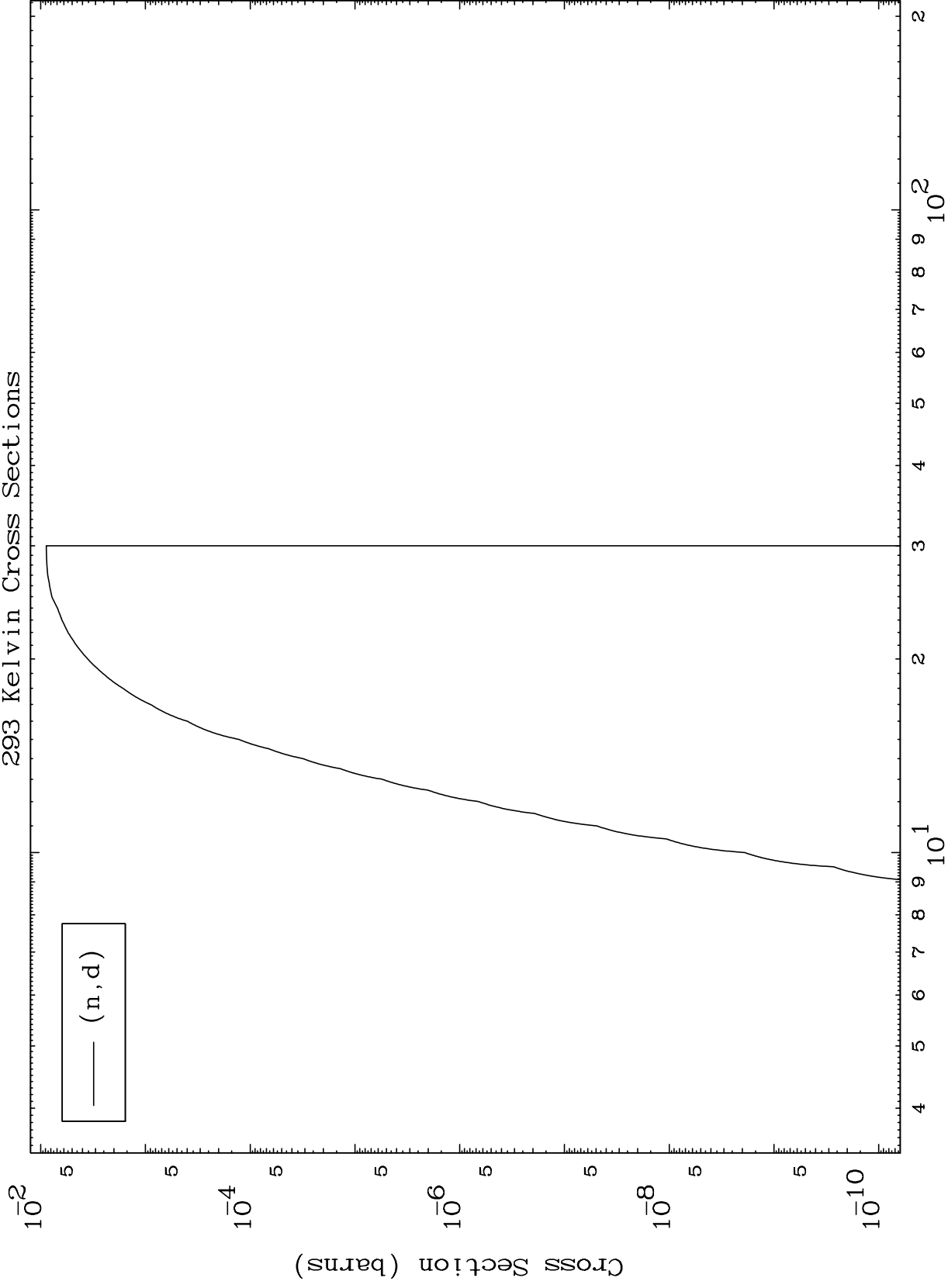
93-Np-242



MAT 9362

(n,d) Levels
293 Kelvin Cross Sections

93-Np-242



12

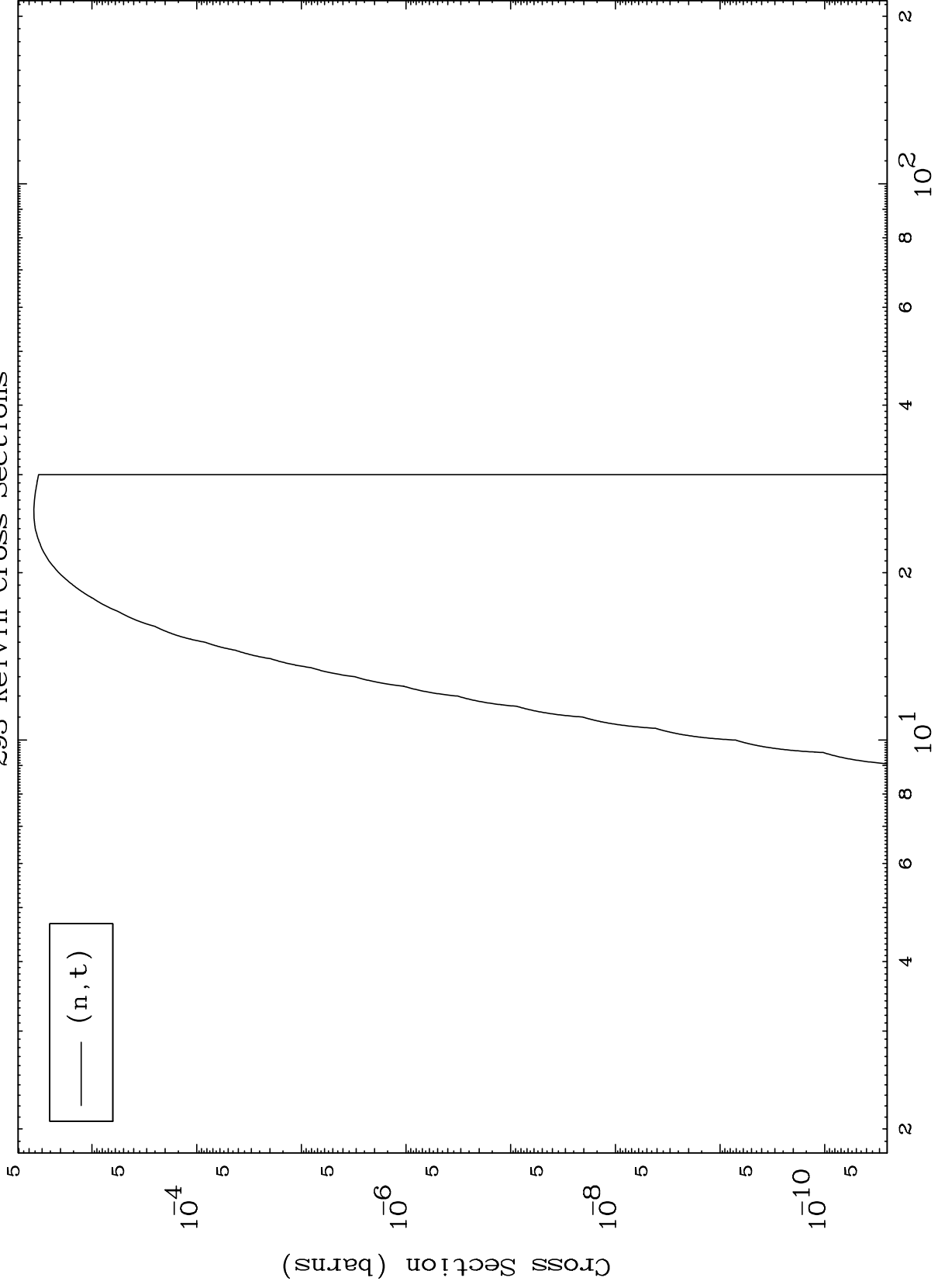
Incident Energy (MeV)

93-Np-242

MAT 9362

(n,t) Levels
293 Kelvin Cross Sections

93-Np-242



13

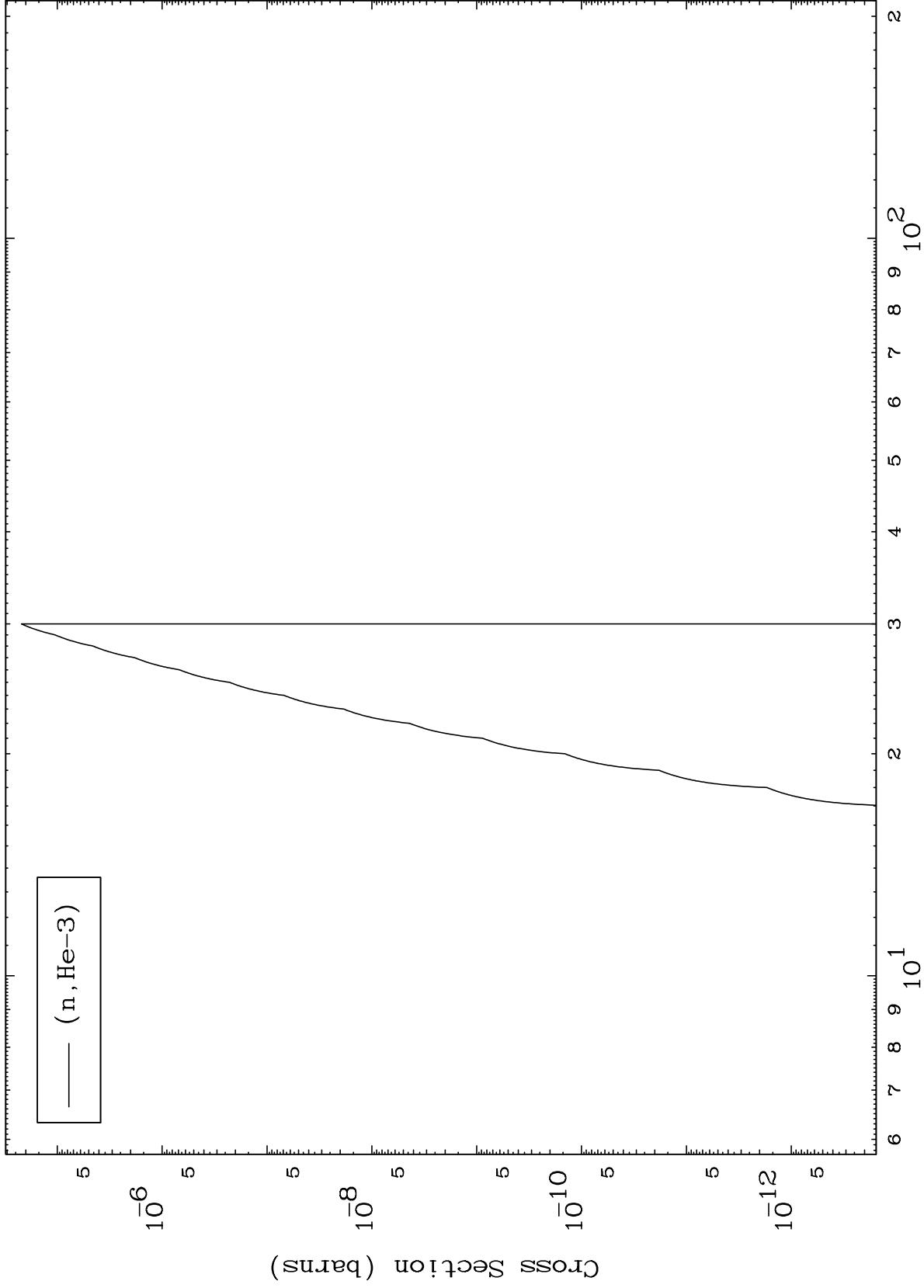
Incident Energy (MeV)

93-Np-242

MAT 9362

(n,He3) Levels
293 Kelvin Cross Sections

93-Np-242



14

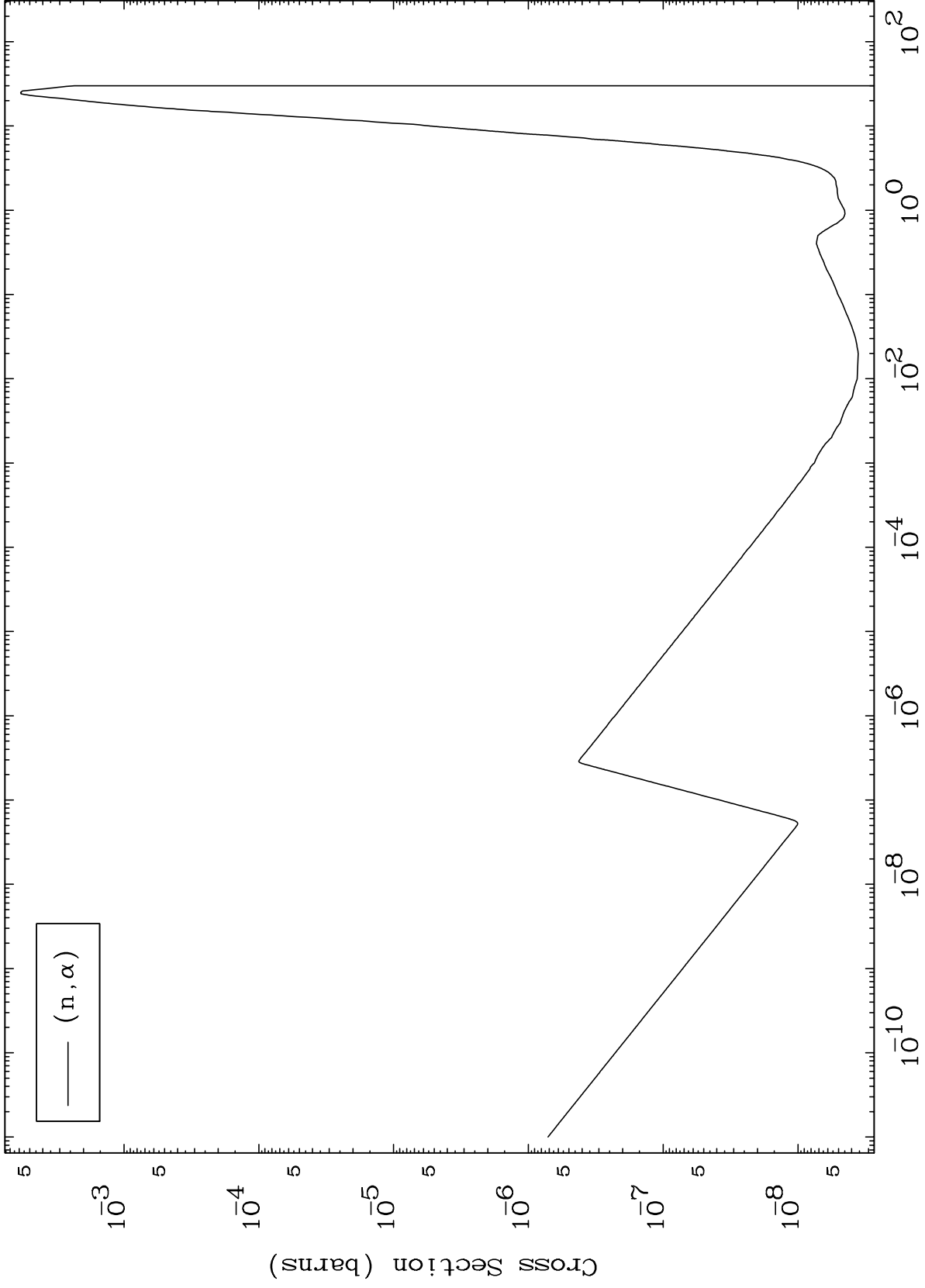
Incident Energy (MeV)

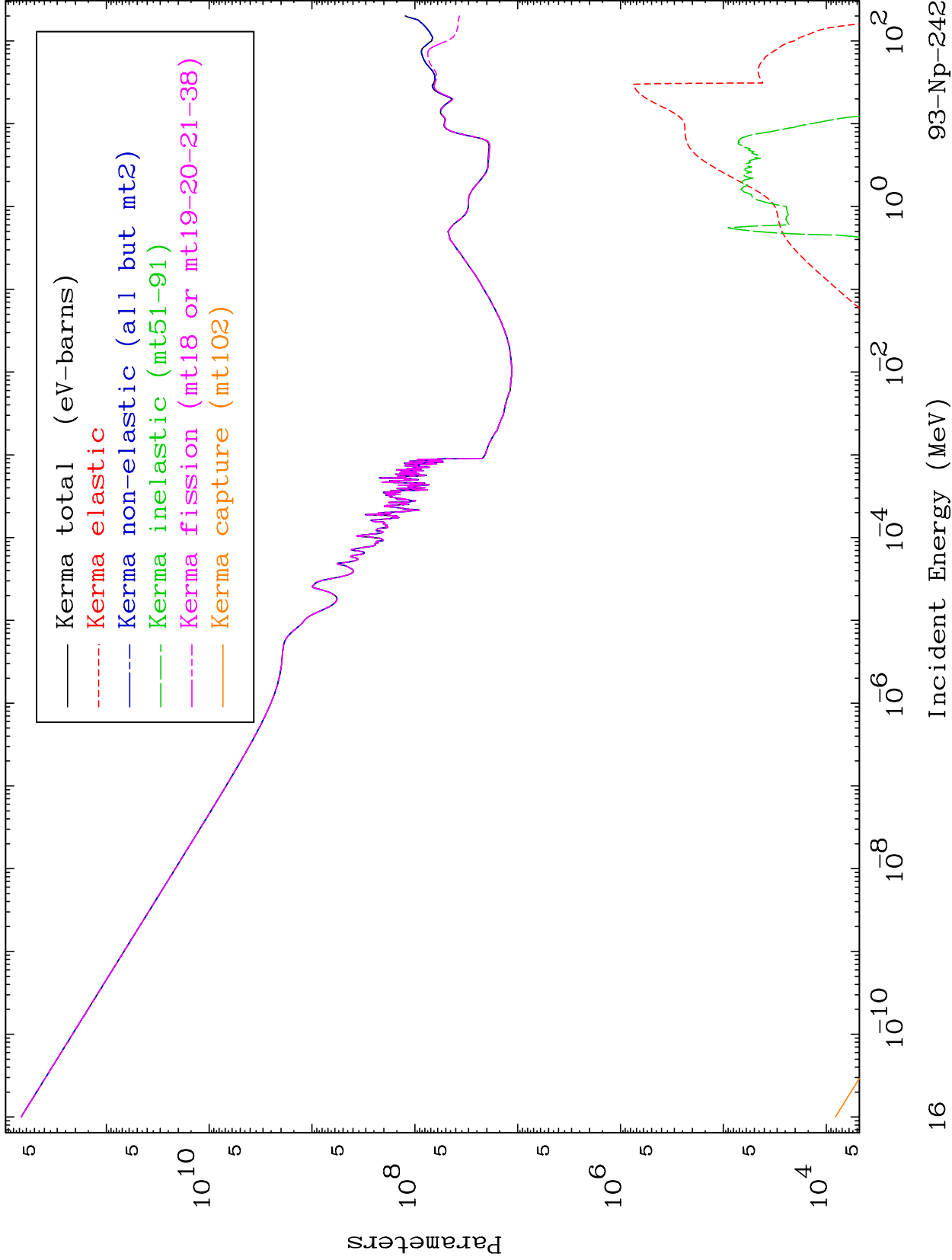
93-Np-242

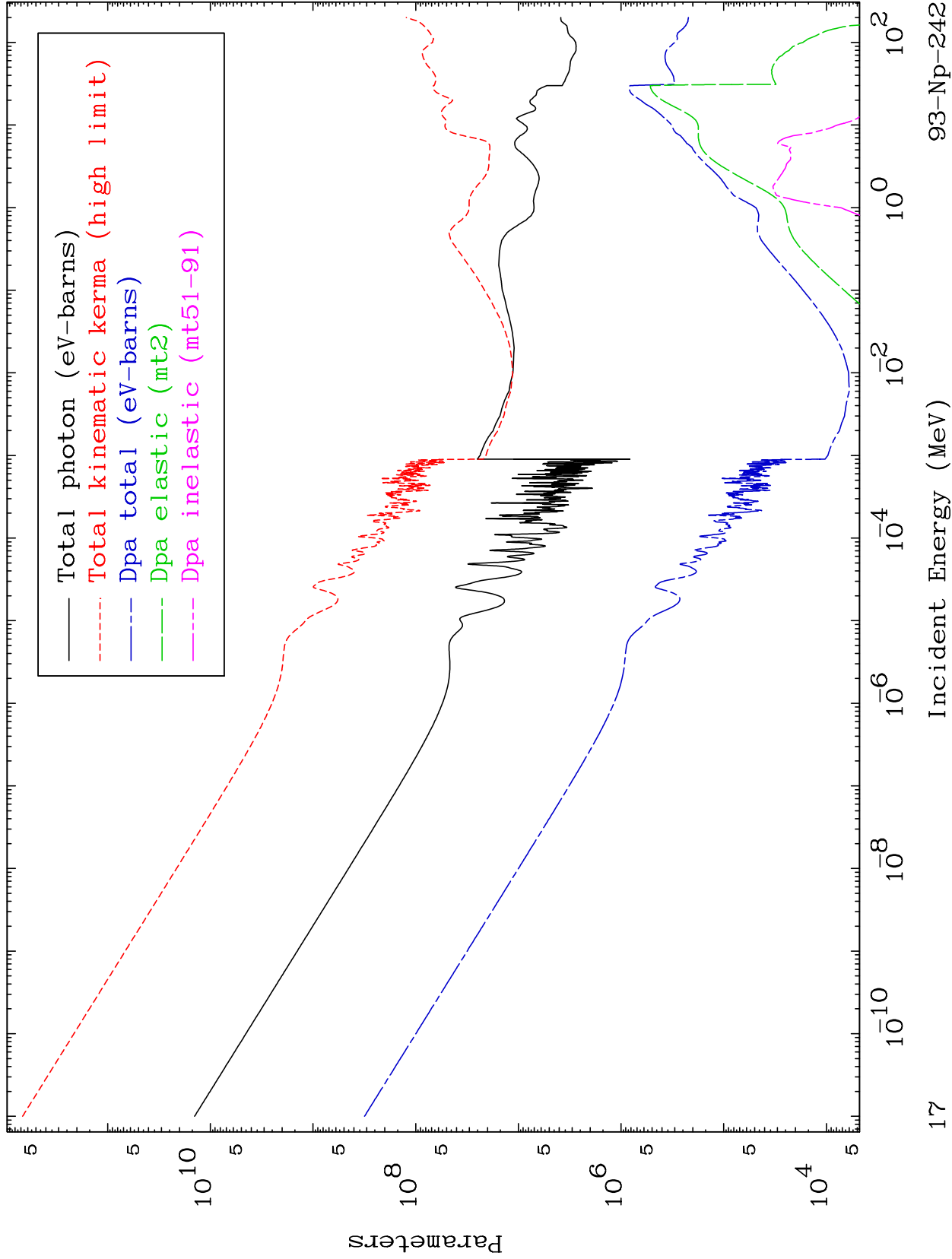
MAT 9362

(n, α) Levels
293 Kelvin Cross Sections

93-Np-242



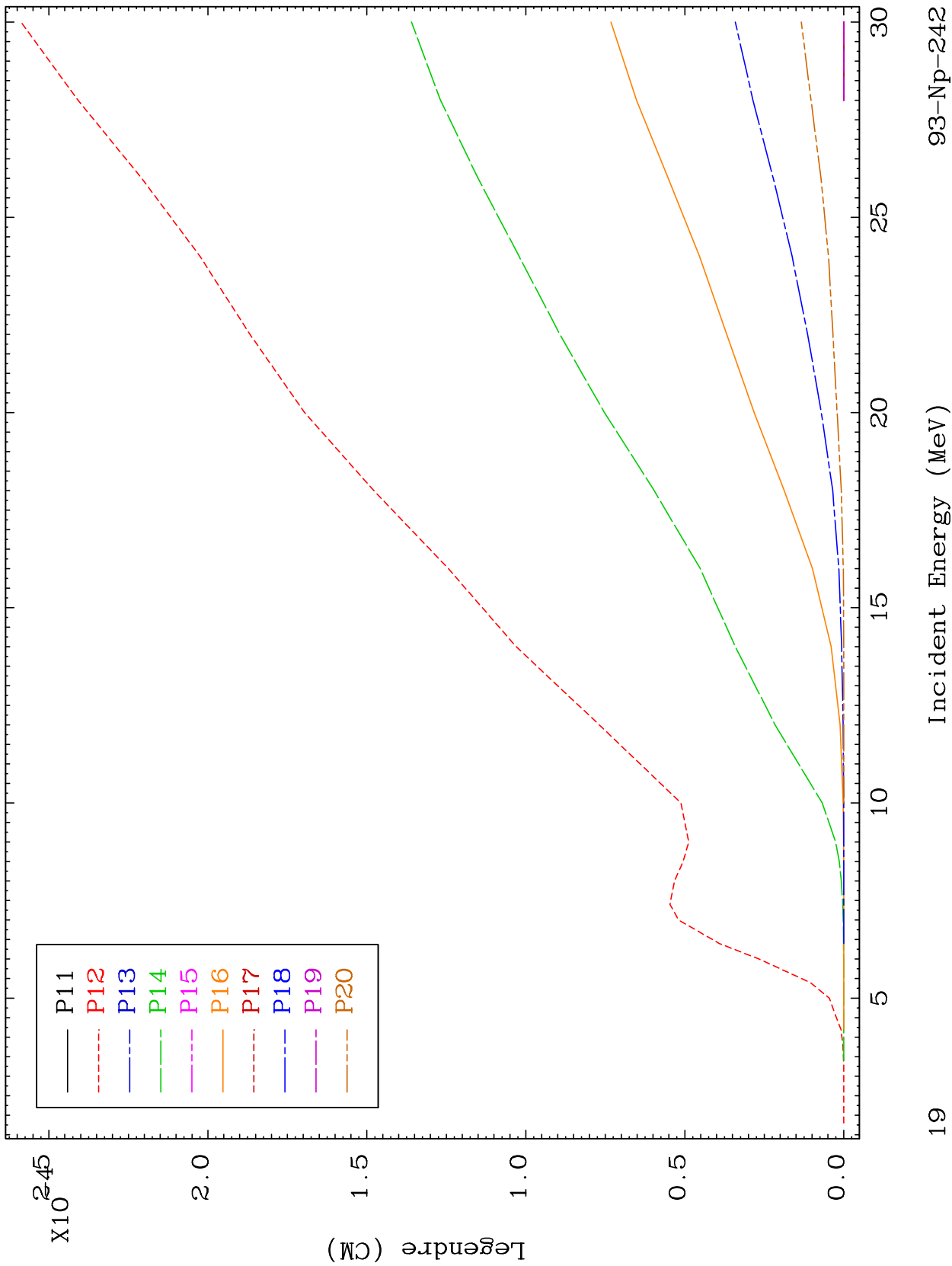




MAT 9362

Elastic Legendre Coefficients

93-Np-242

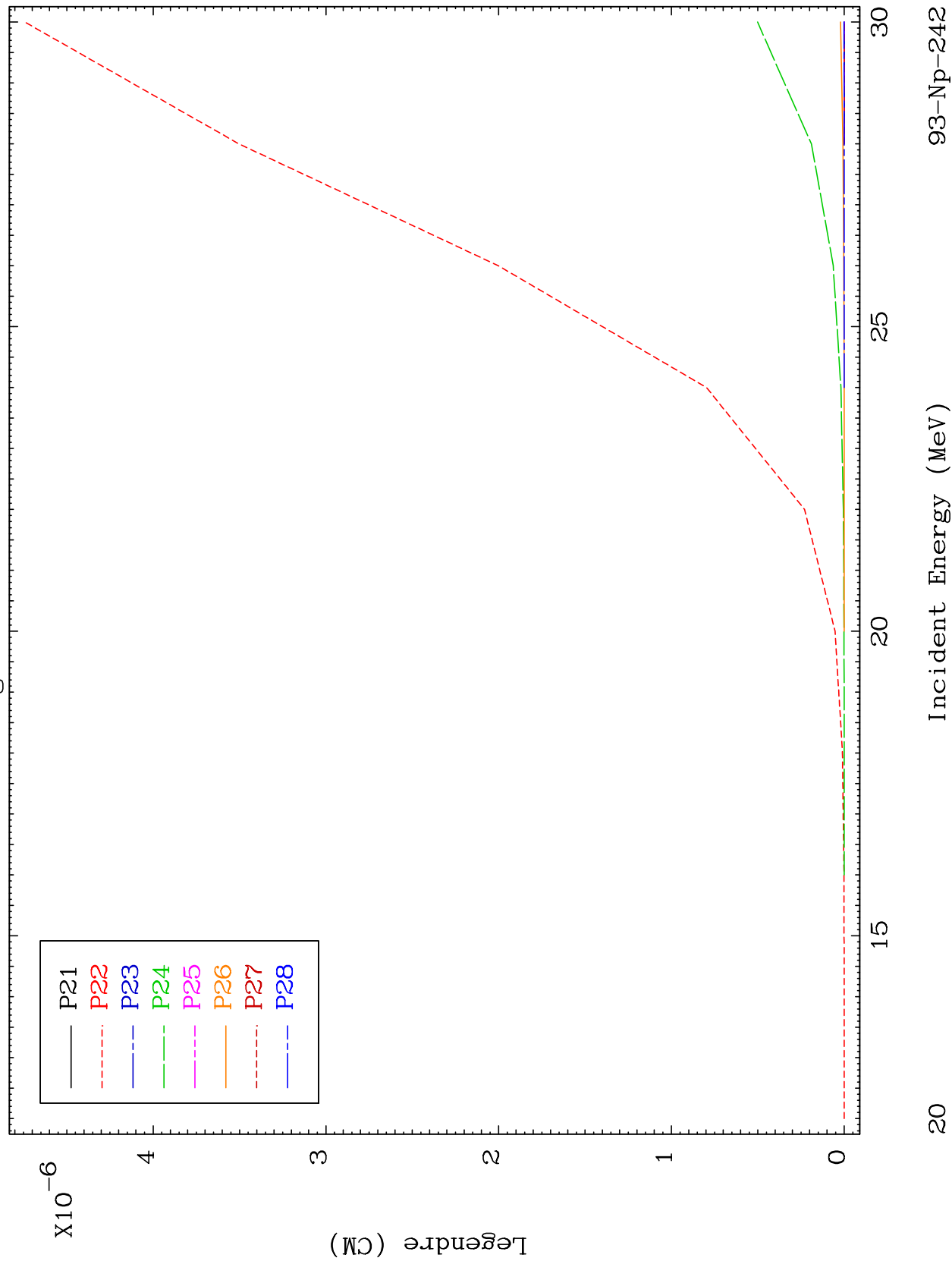


19

MAT 9362

Elastic
Legendre Coefficients

93-Np-242

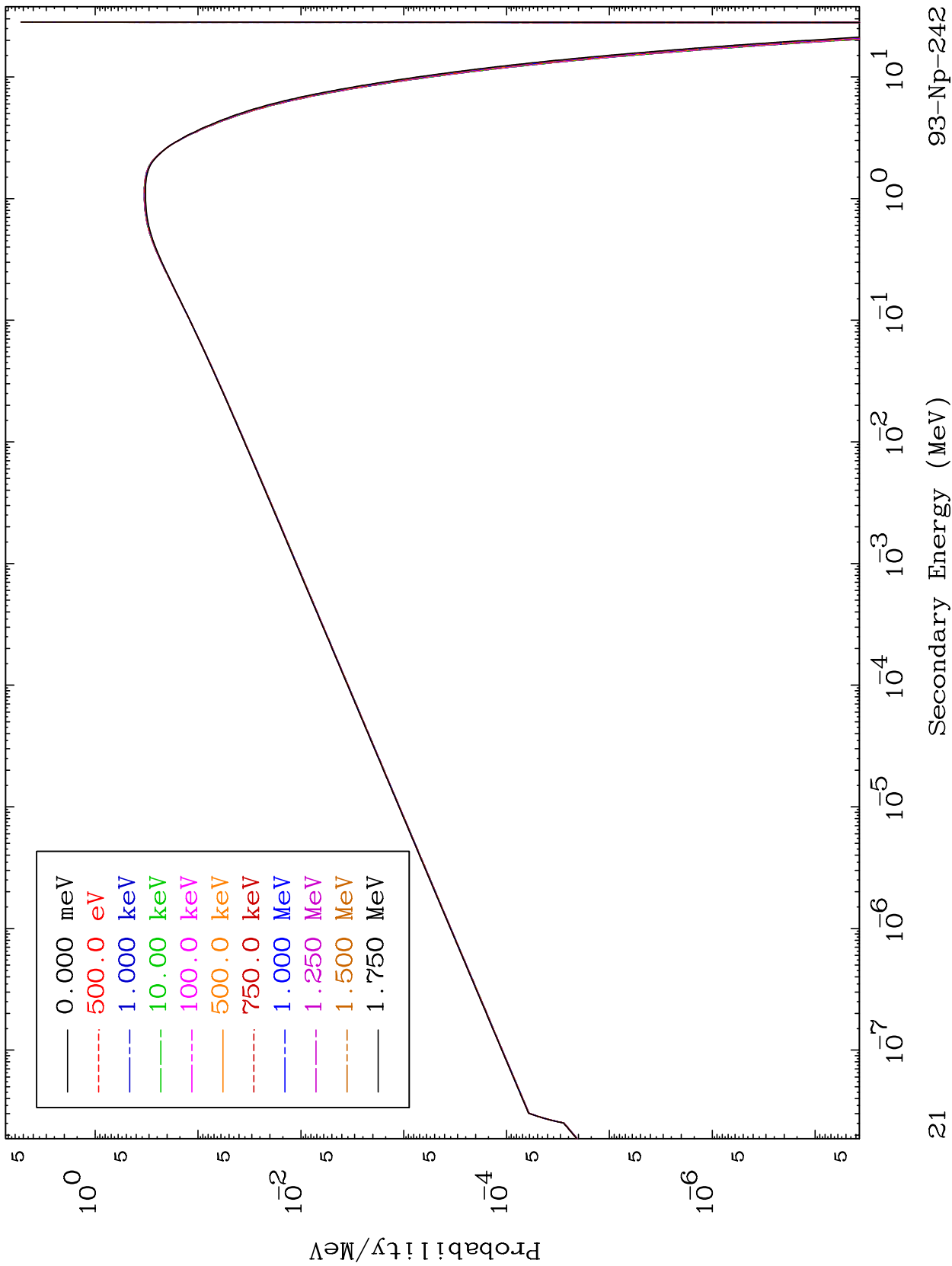


20

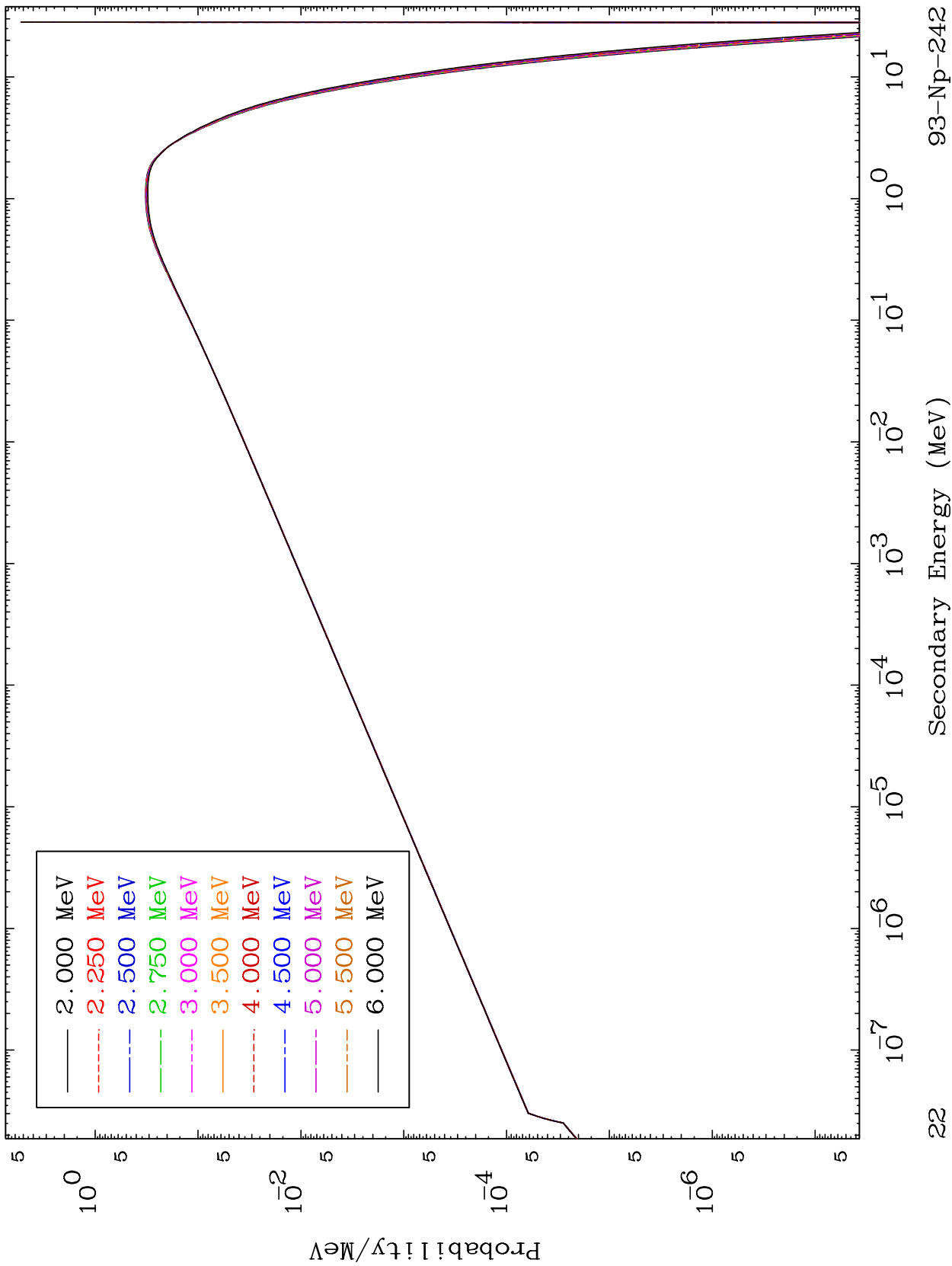
Incident Energy (MeV)

93-Np-242

Fission Energy Distribution



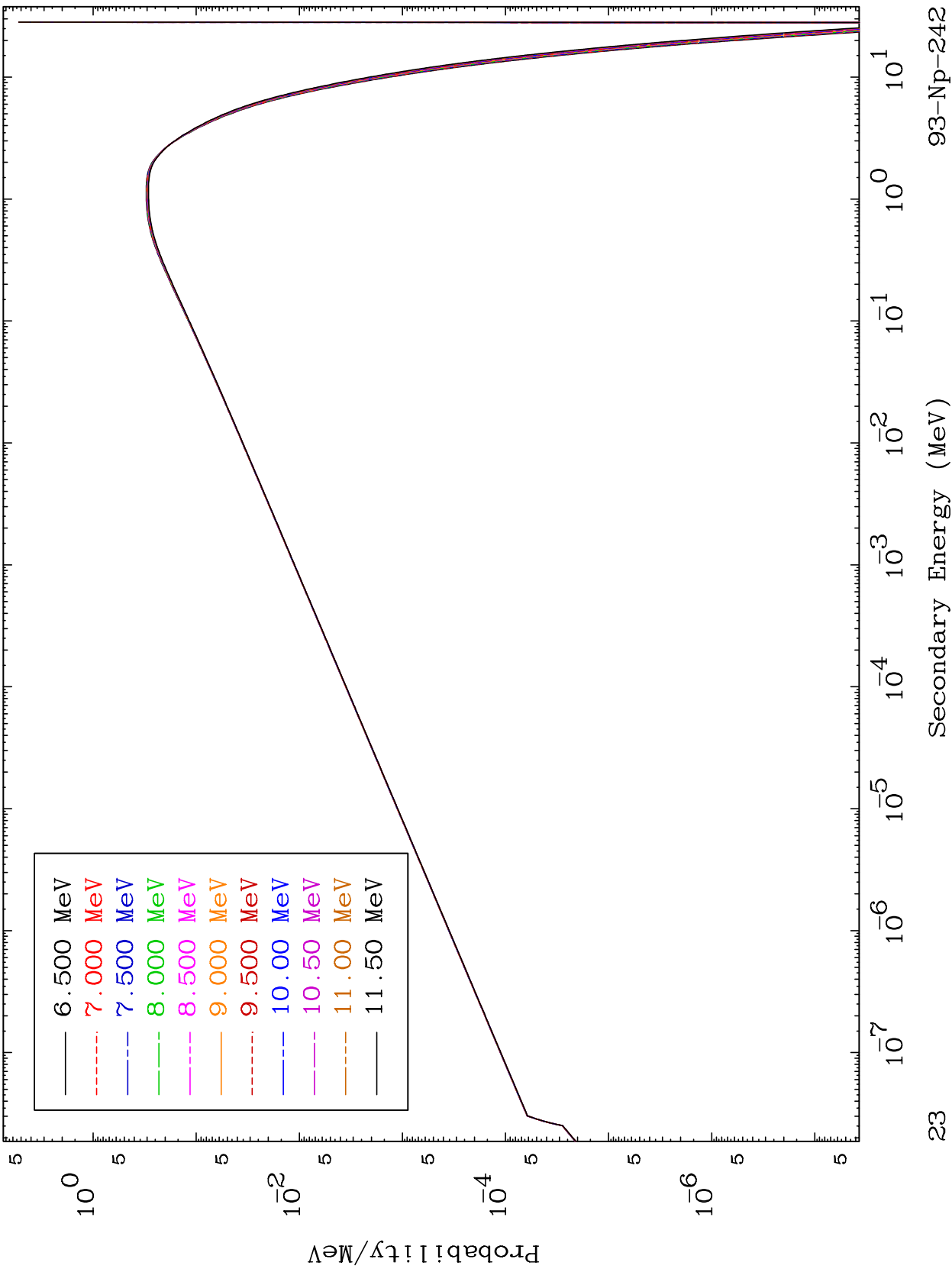
Fission Energy Distribution



MAT 9362

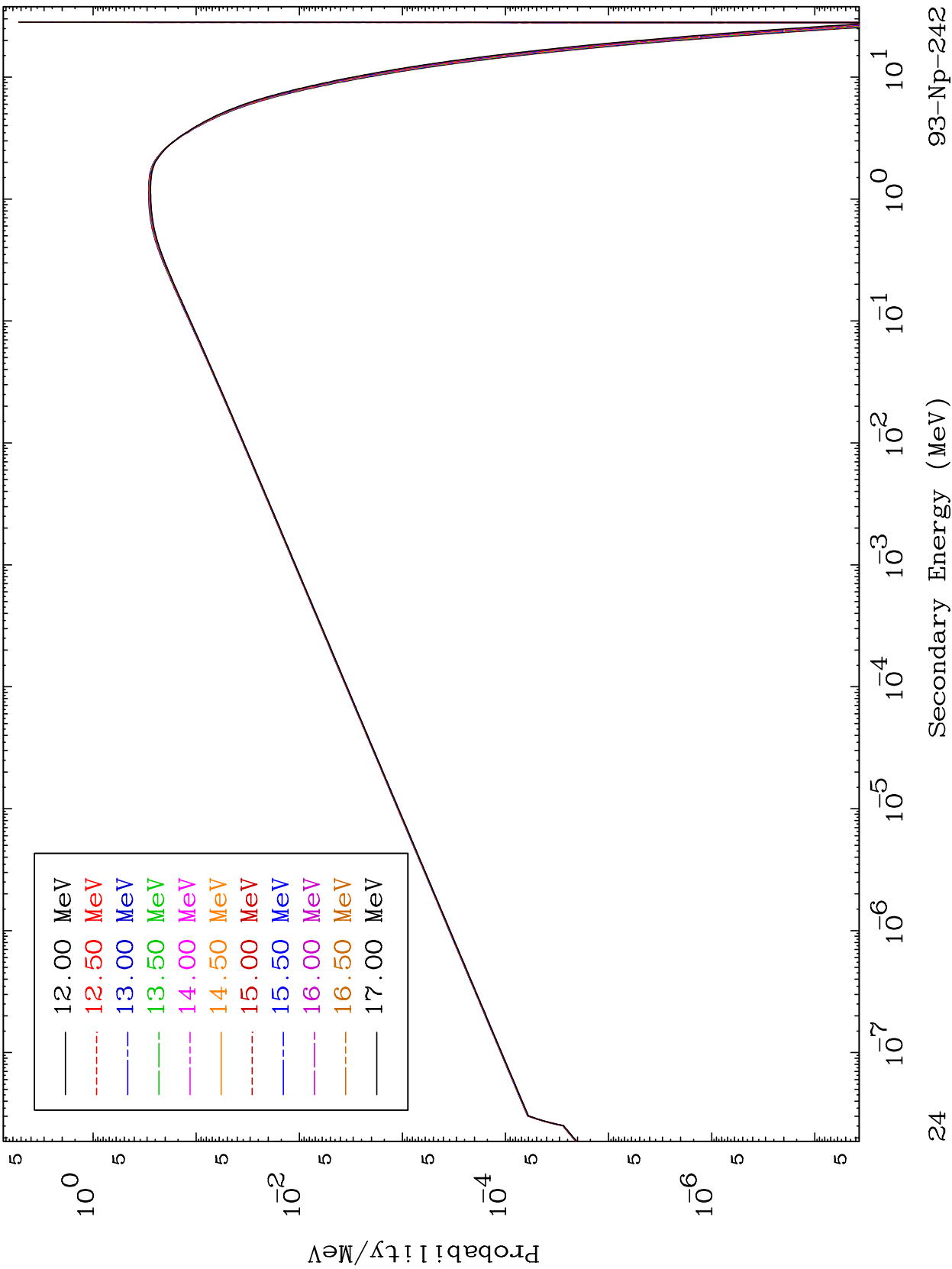
Fission Energy Distribution

93-Np-242



93-Np-242

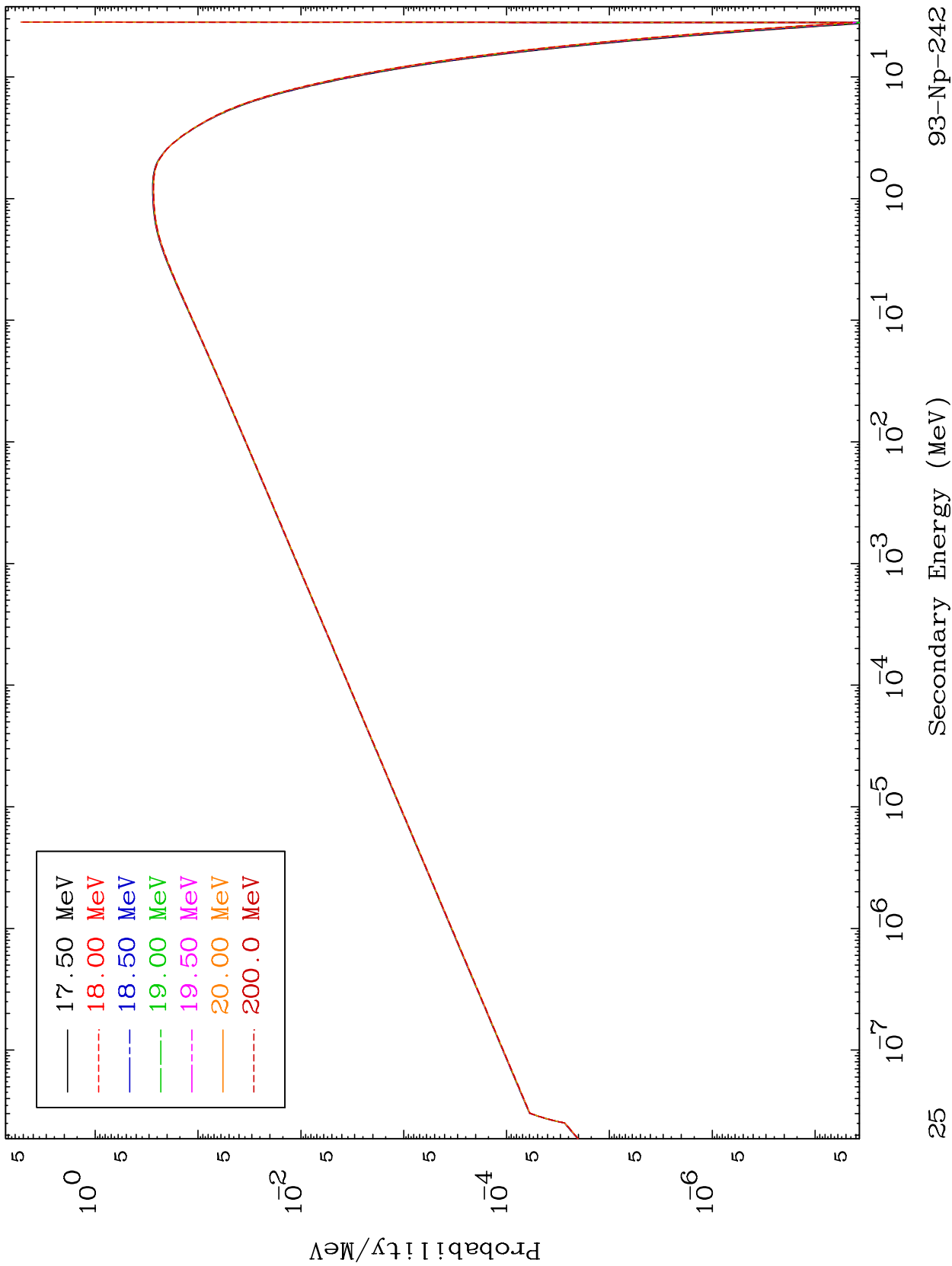
Fission
Energy Distribution



MAT 9362

Fission Energy Distribution

93-Np-242

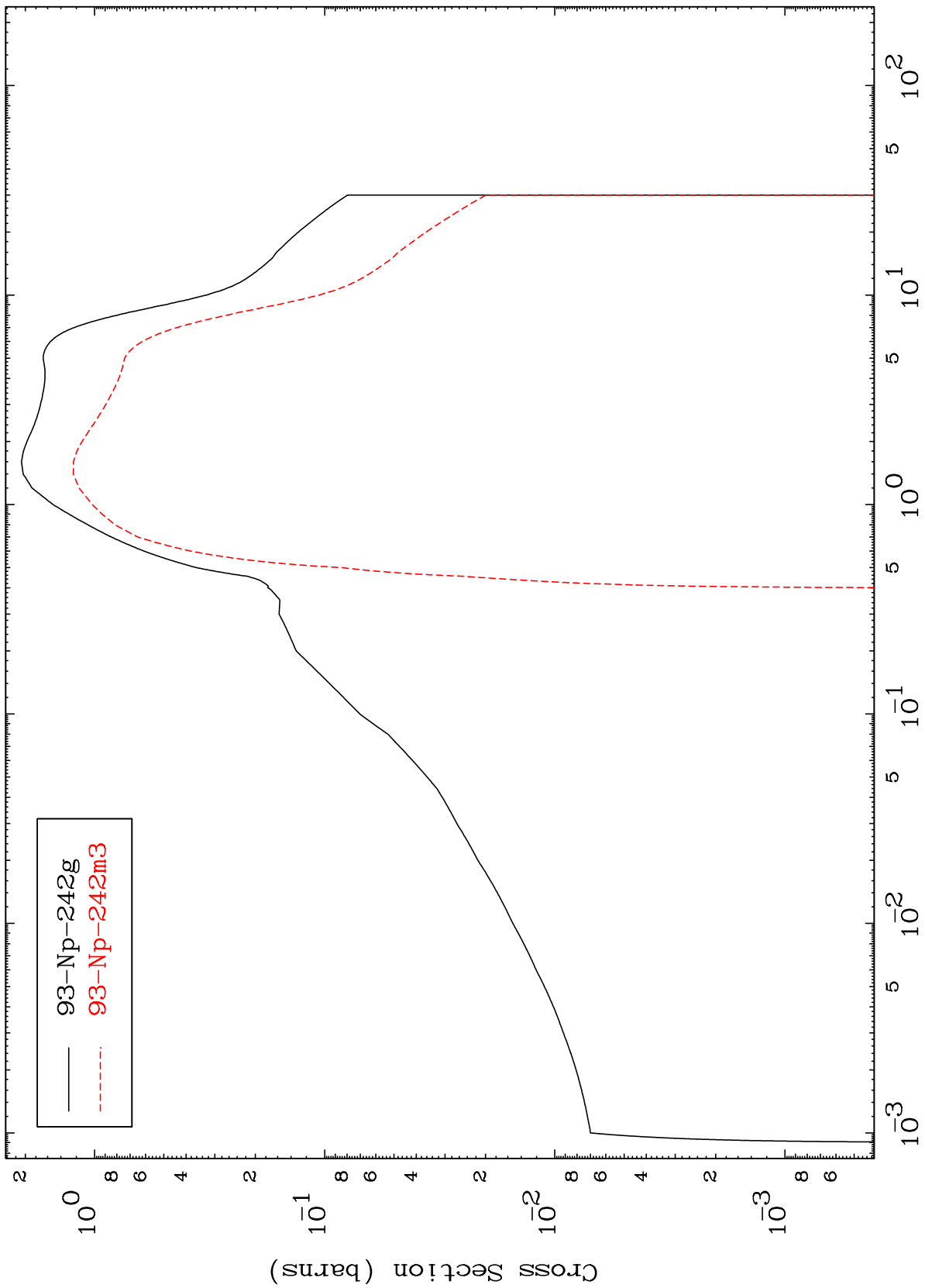


93-Np-242

MAT 9362

93-Np-242

Inelastic
Radionuclide Production Cross Section



— 93-Np-242g
- - - 93-Np-242m3

93-Np-242

Incident Energy (MeV)

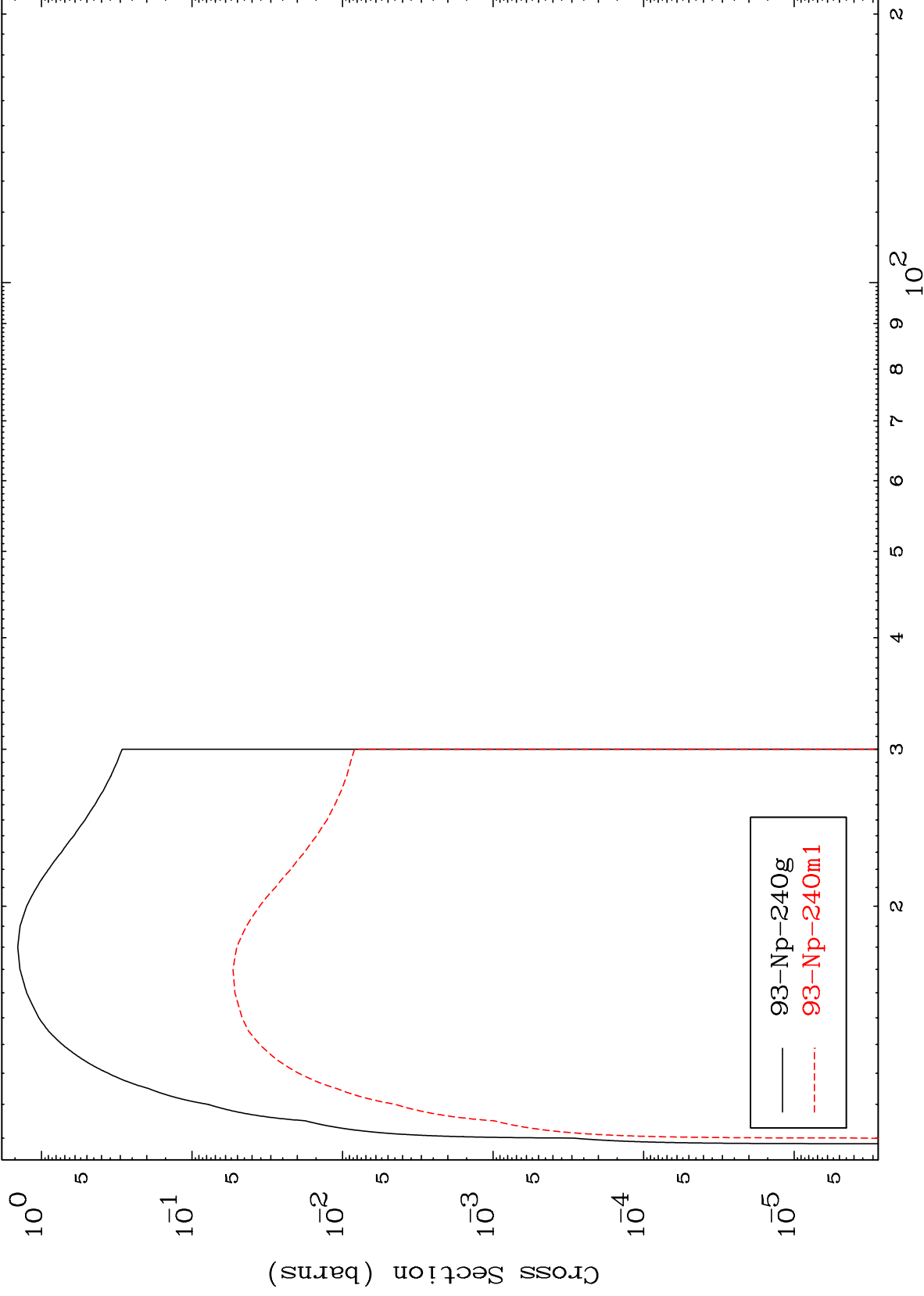
26

MAT 9362

(n,3n)

93-Np-242

Radionuclide Production Cross Section



Incident Energy (MeV)

93-Np-242

27