

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

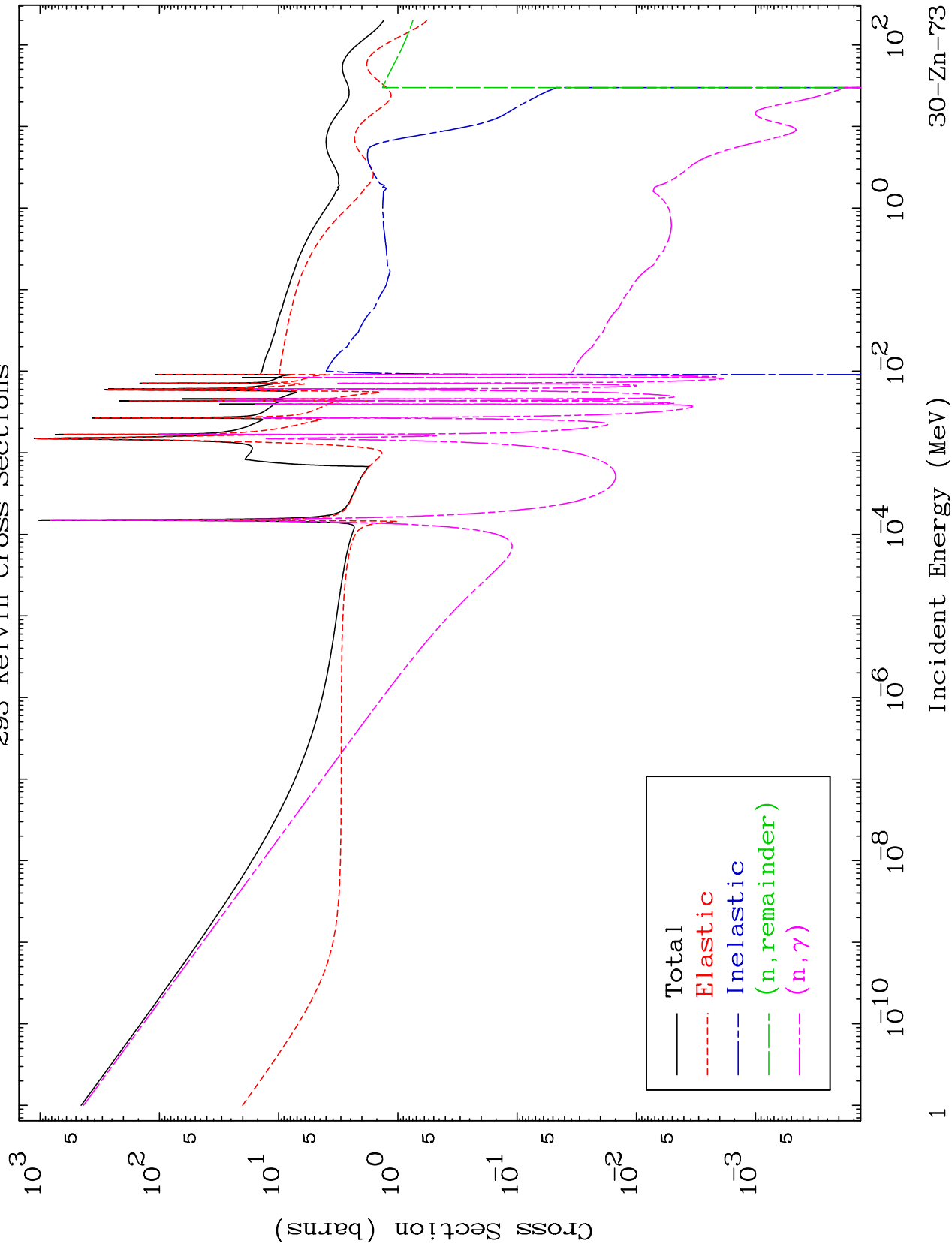
Press Mouse Button to Start

MAT 3053

Major

293 Kelvin Cross Sections

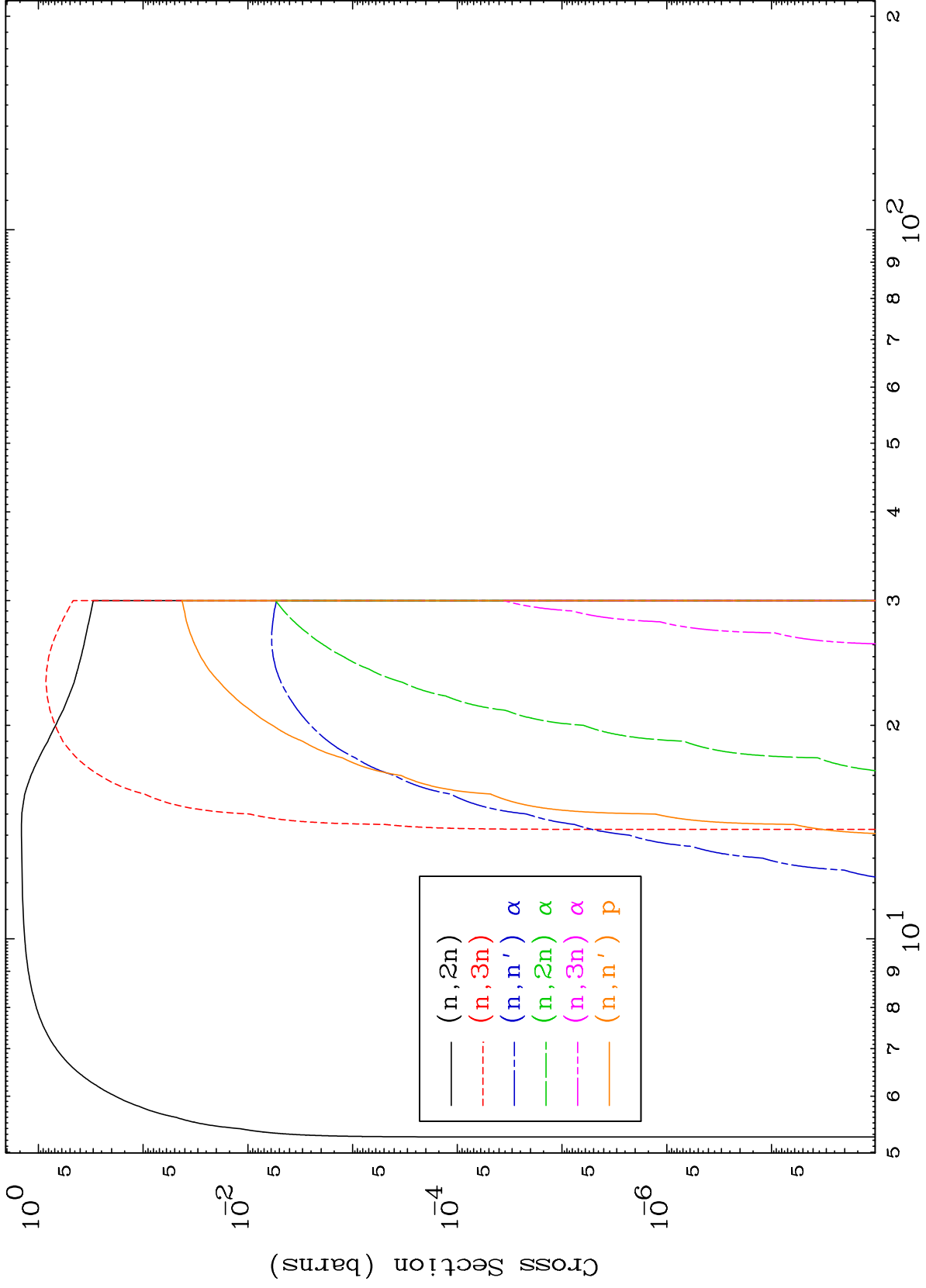
30-Zn-73



MAT 3053

Neutron Production
293 Kelvin Cross Sections

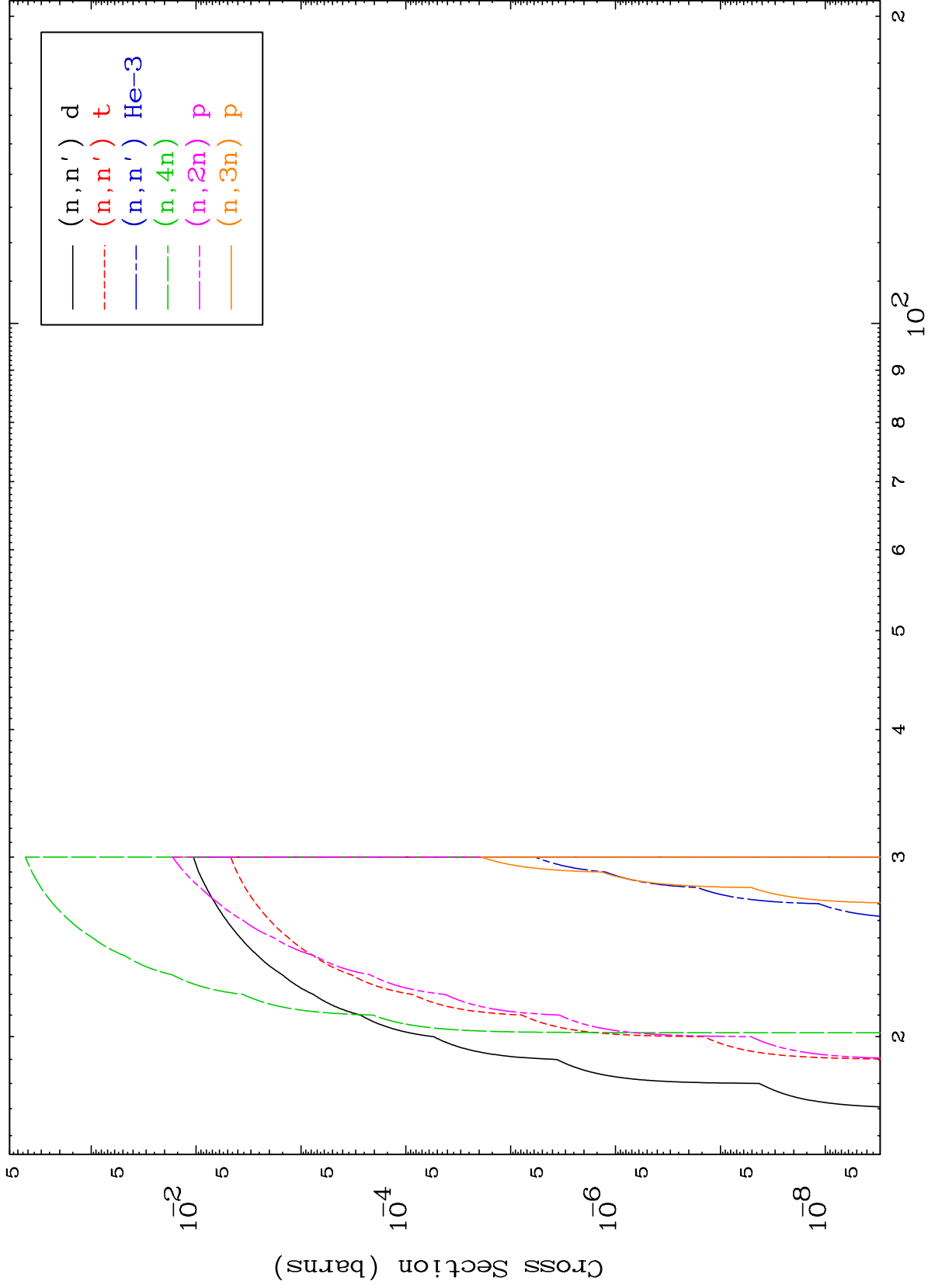
30-Zn-73



MAT 3053

Neutron Production
293 Kelvin Cross Sections

30-Zn-73



3

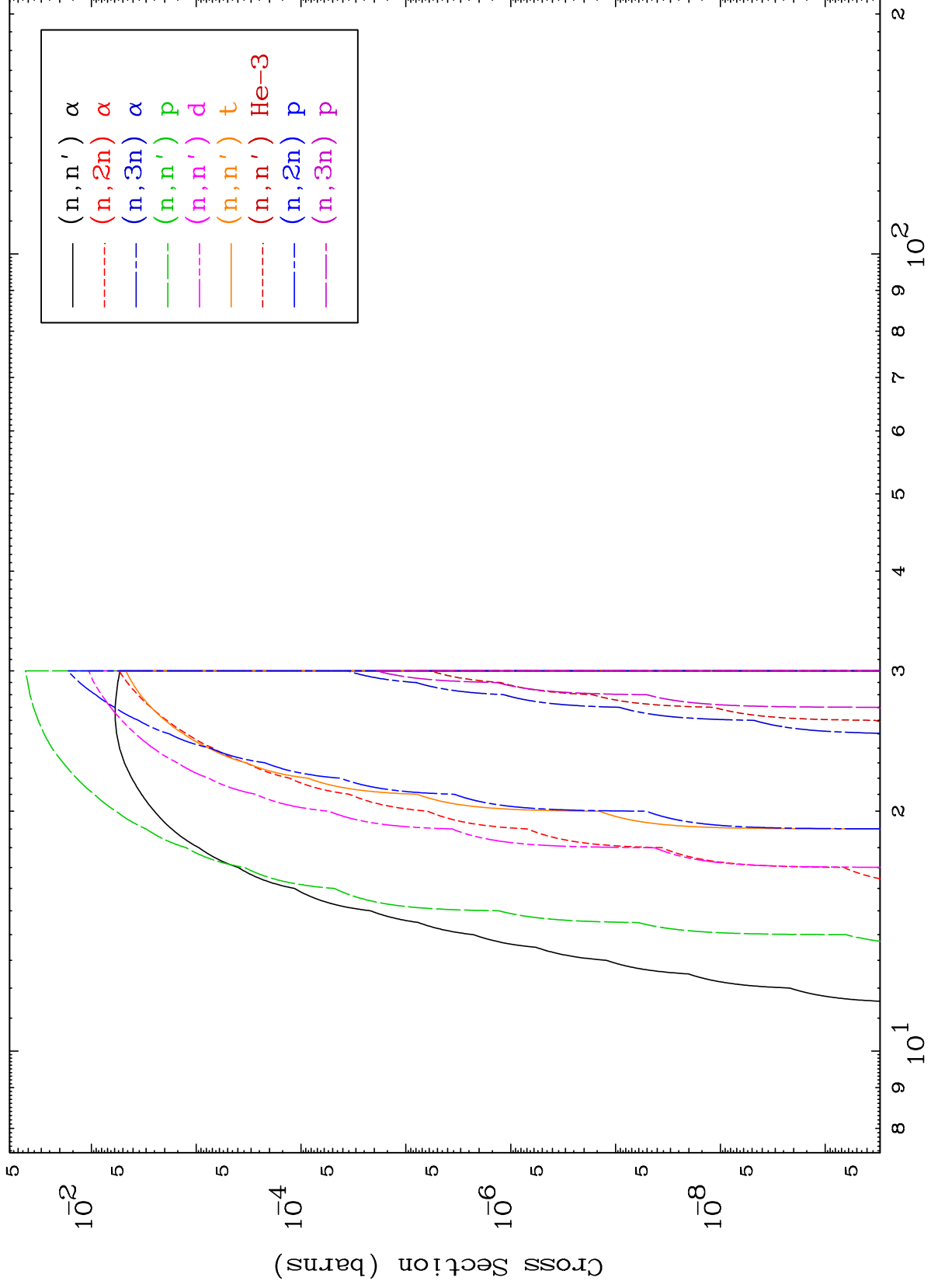
Incident Energy (MeV)

30-Zn-73

MAT 3053

Charged Particle
293 Kelvin Cross Sections

30-Zn-73



4

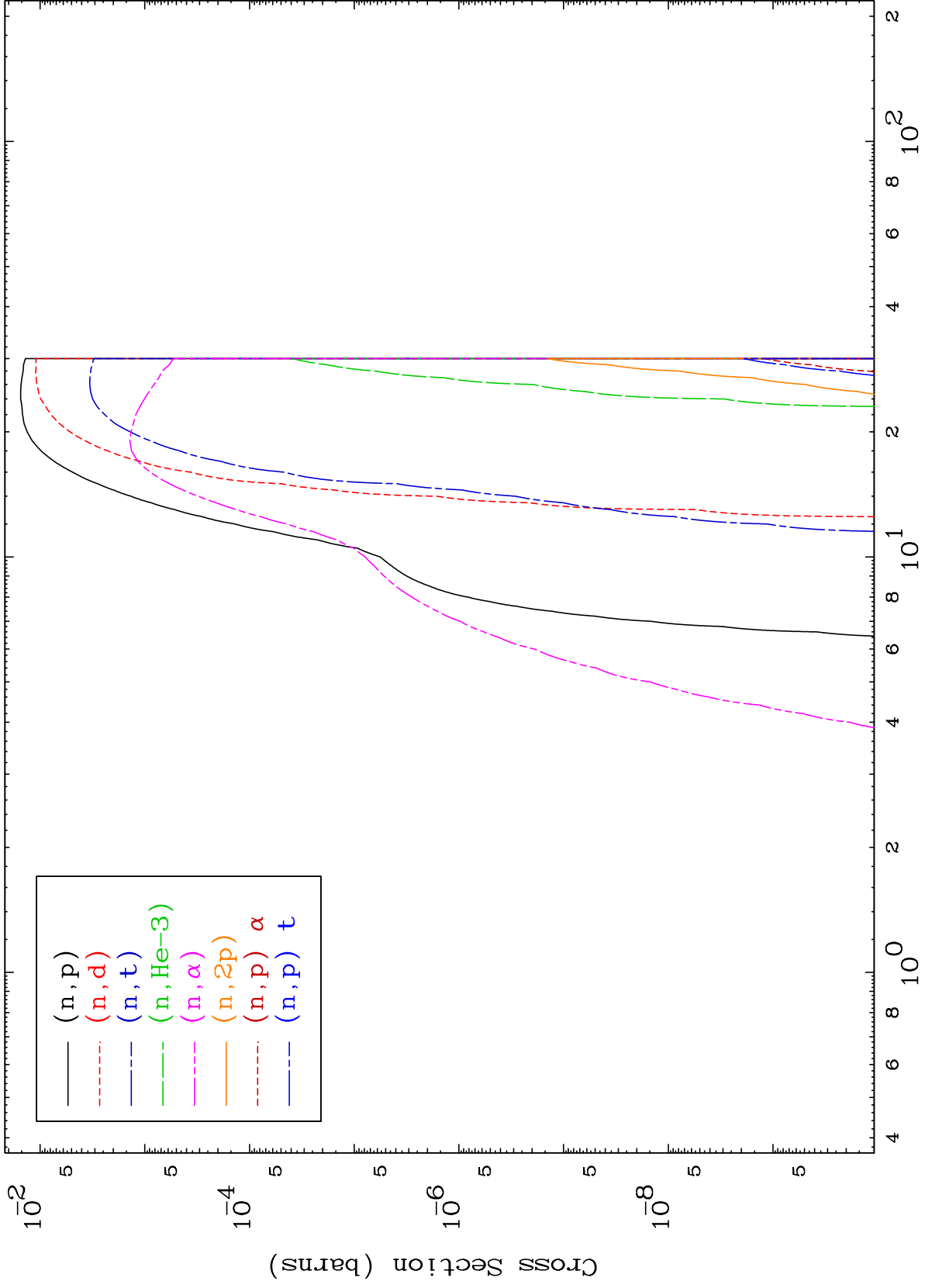
Incident Energy (MeV)

30-Zn-73

MAT 3053

Charged Particle
293 Kelvin Cross Sections

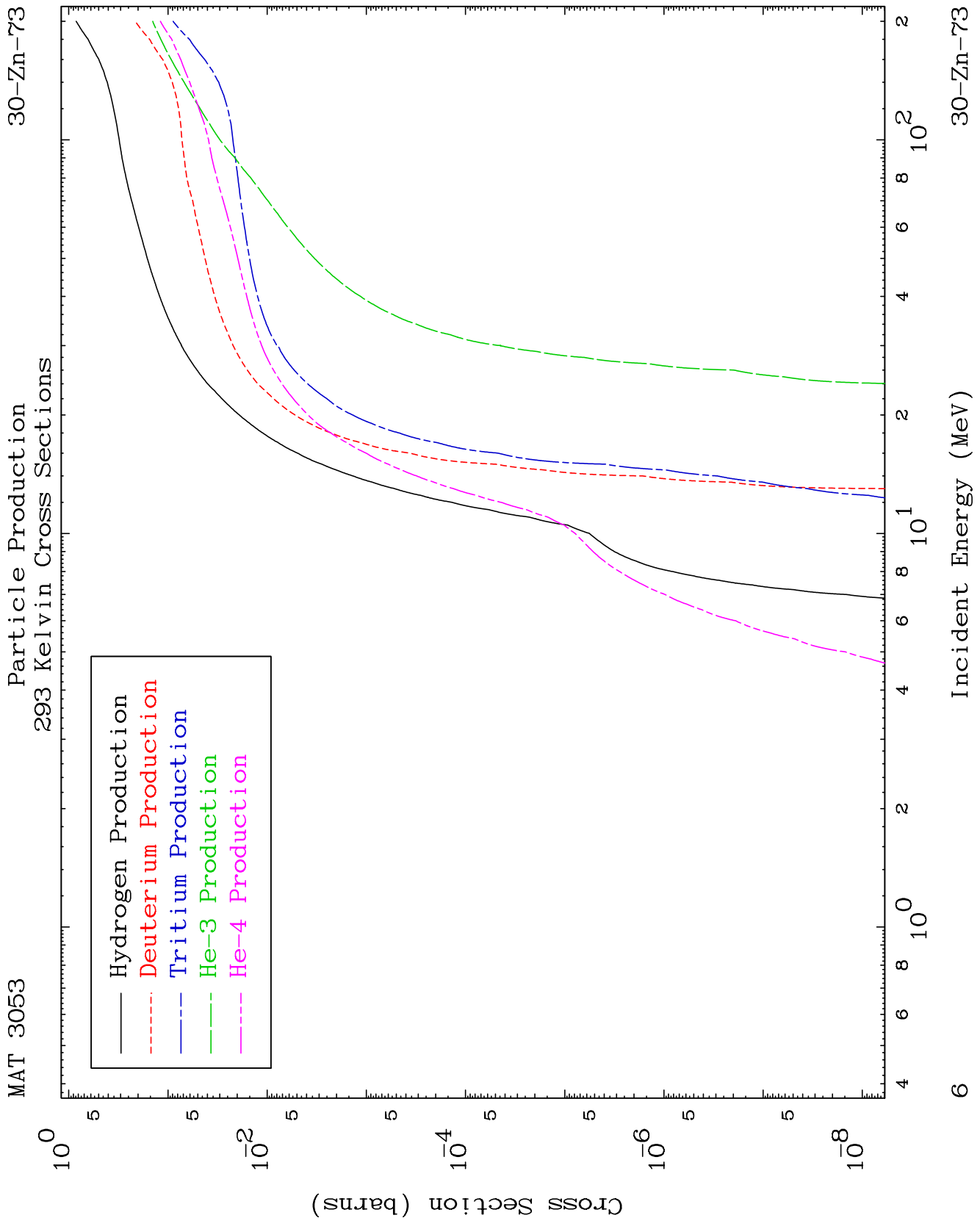
30-Zn-73



5

Incident Energy (MeV)

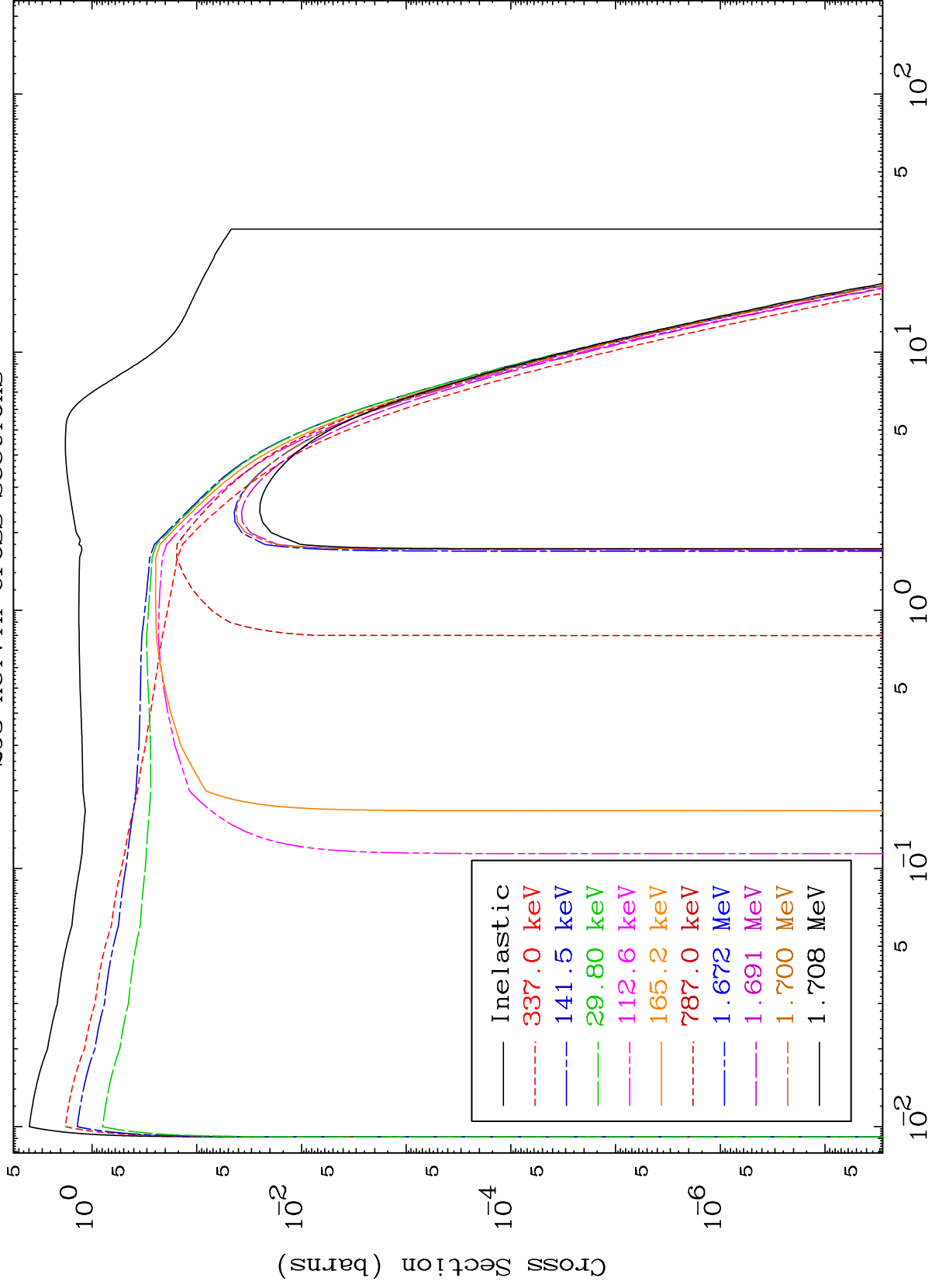
30-Zn-73



MAT 3053

(n,n') Level
293 Kelvin Cross Sections

30-Zn-73



7

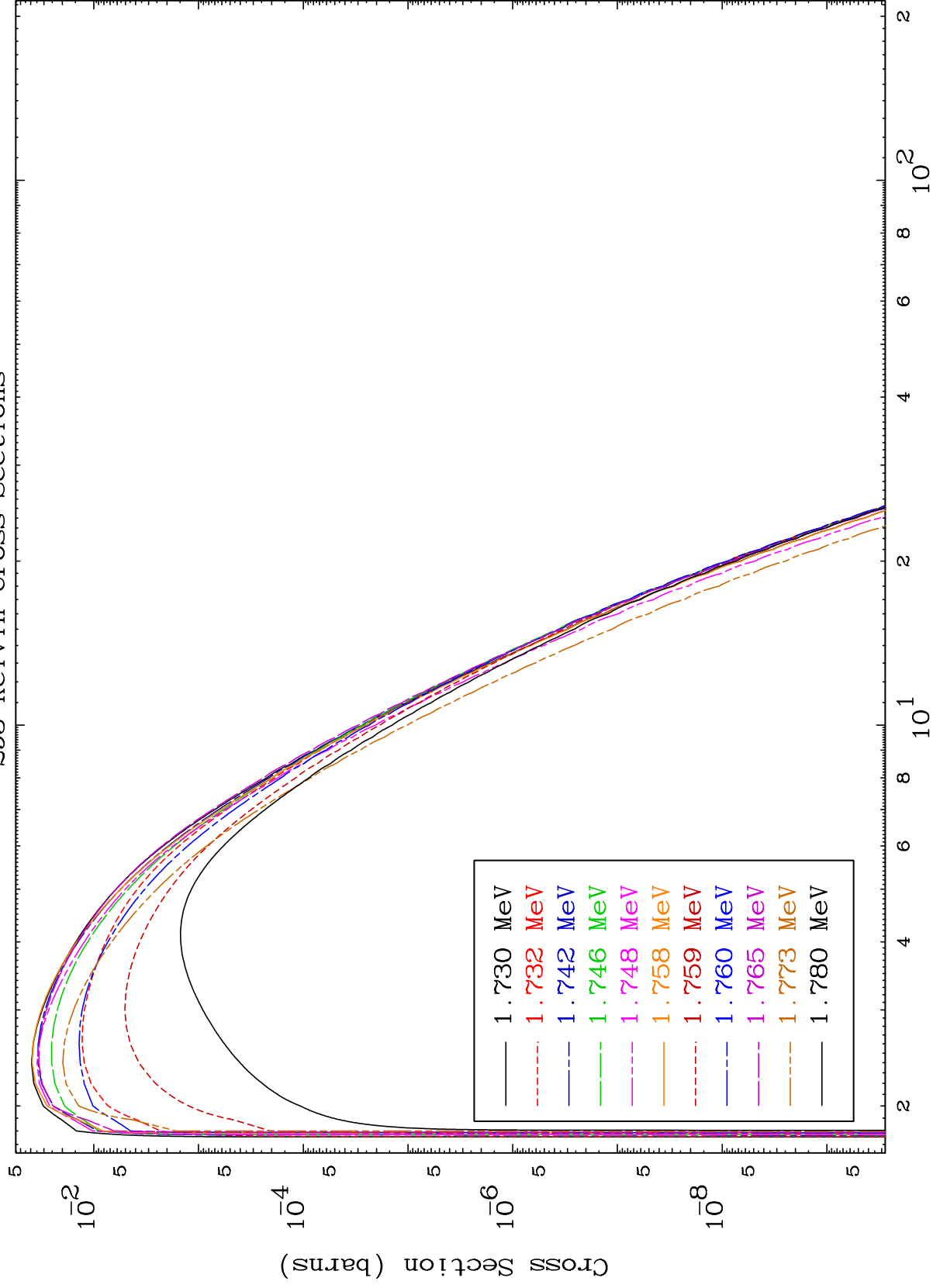
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,n') Level
293 Kelvin Cross Sections

30-Zn-73



8

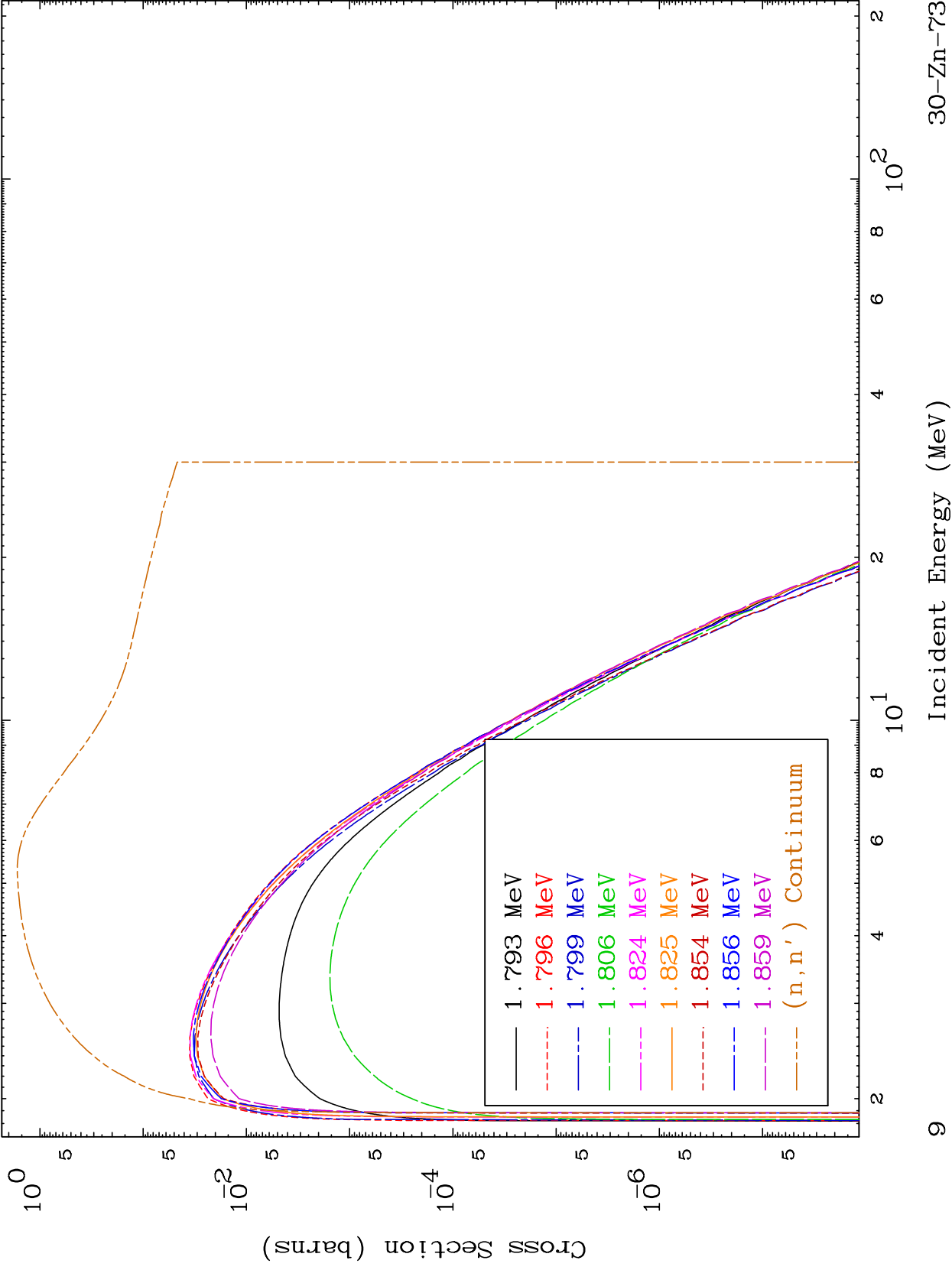
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,n') Level
293 Kelvin Cross Sections

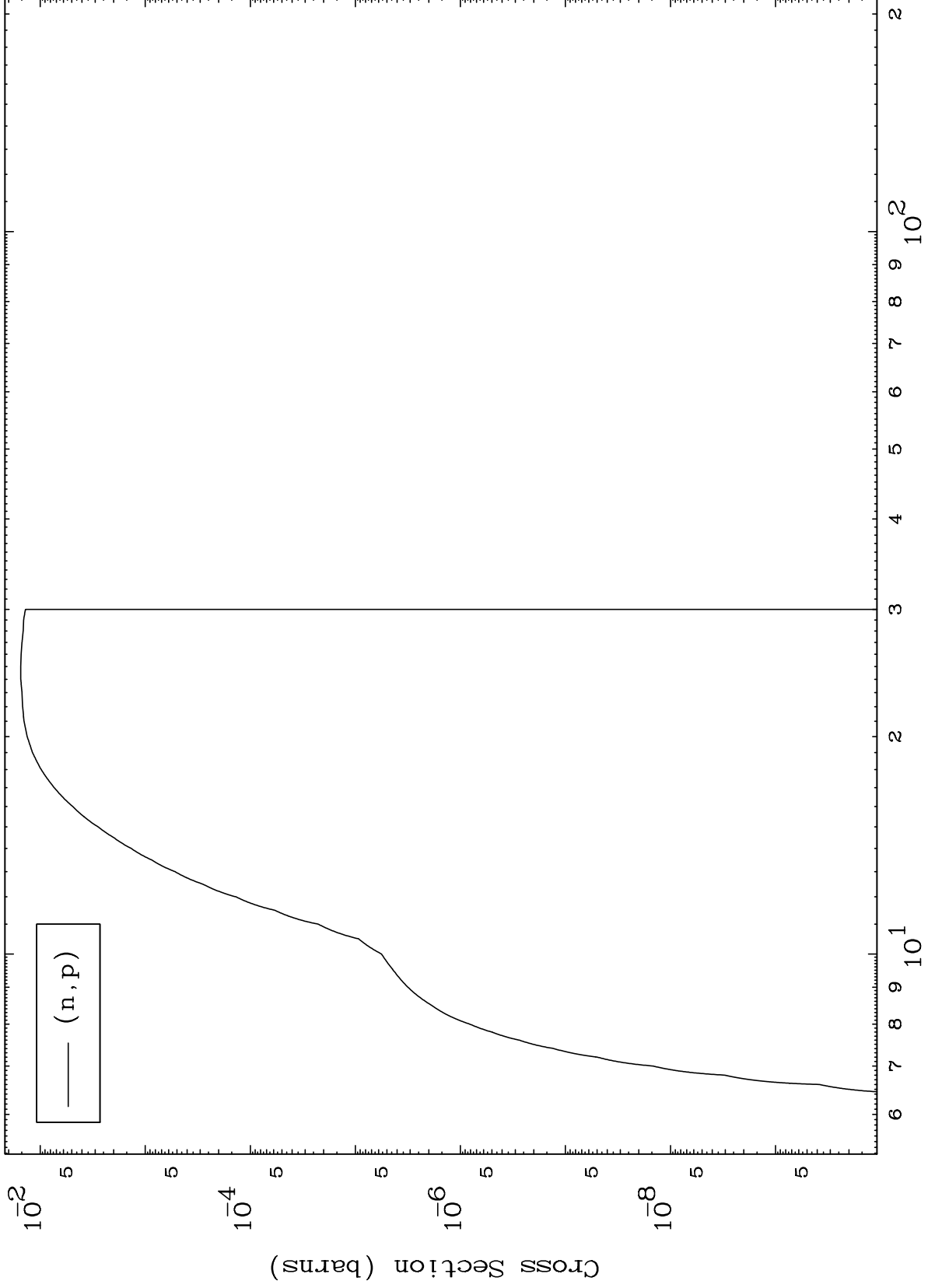
30-Zn-73



MAT 3053

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-73



10

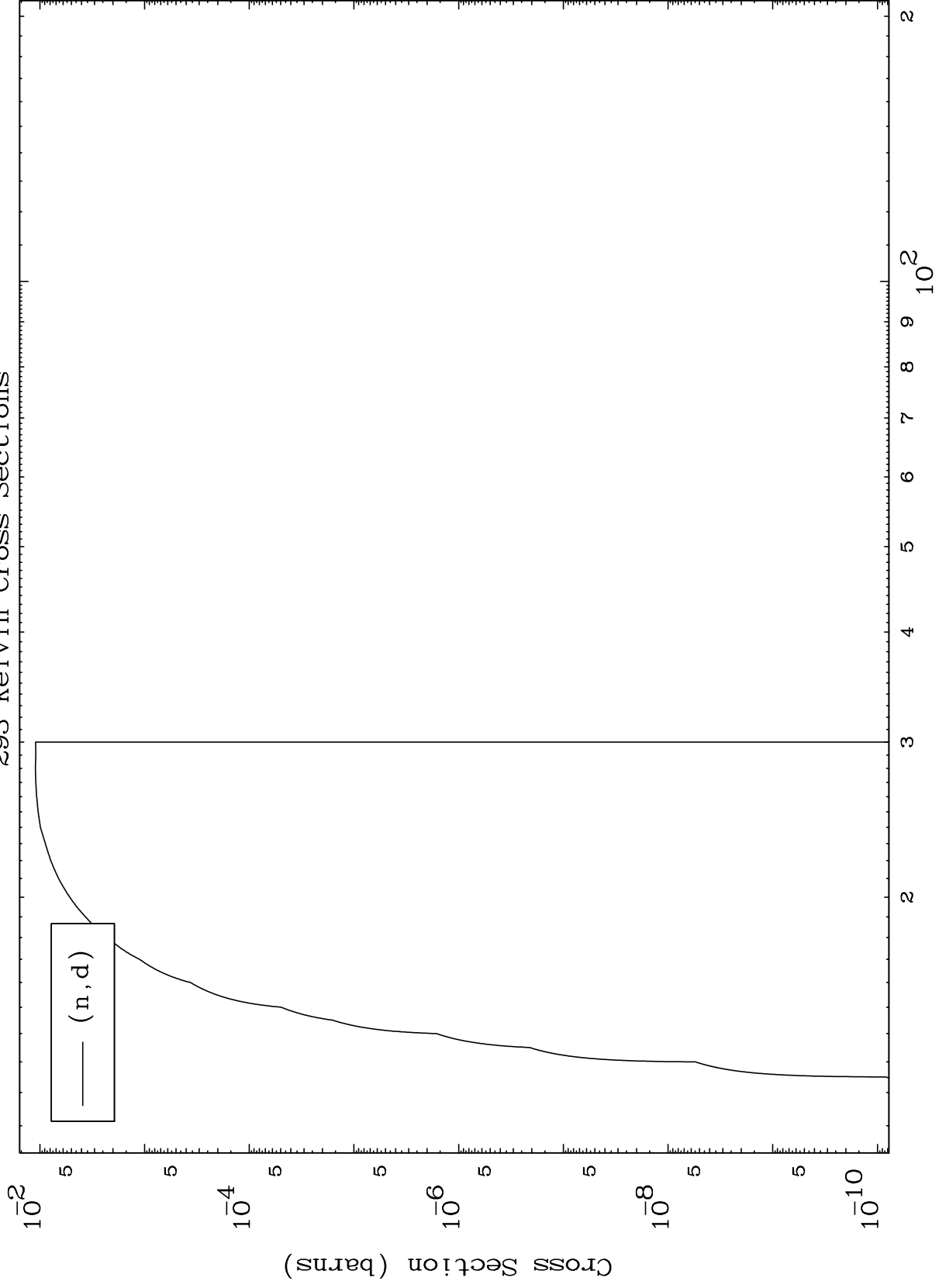
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,d) Levels
293 Kelvin Cross Sections

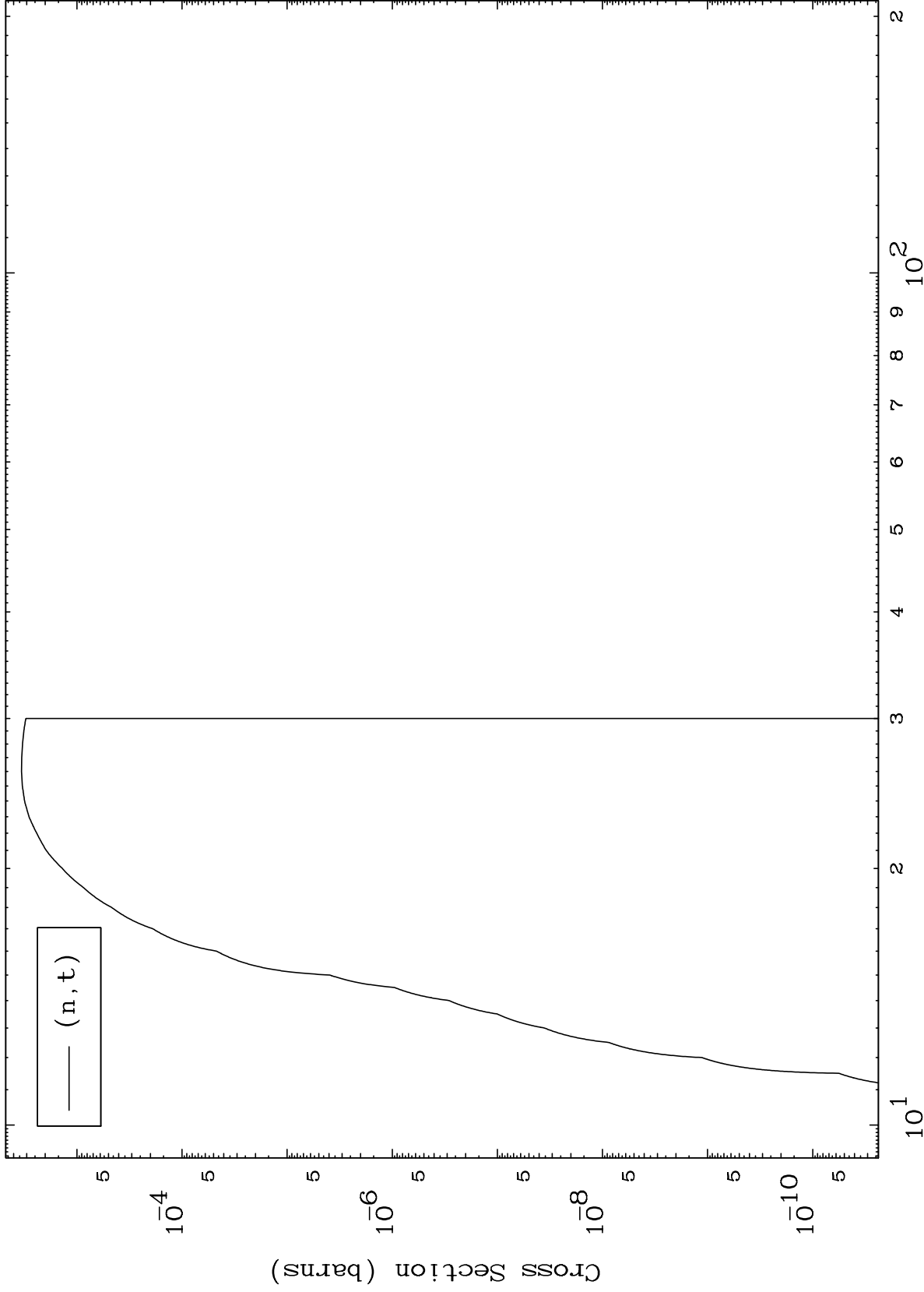
30-Zn-73



MAT 3053

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-73



12

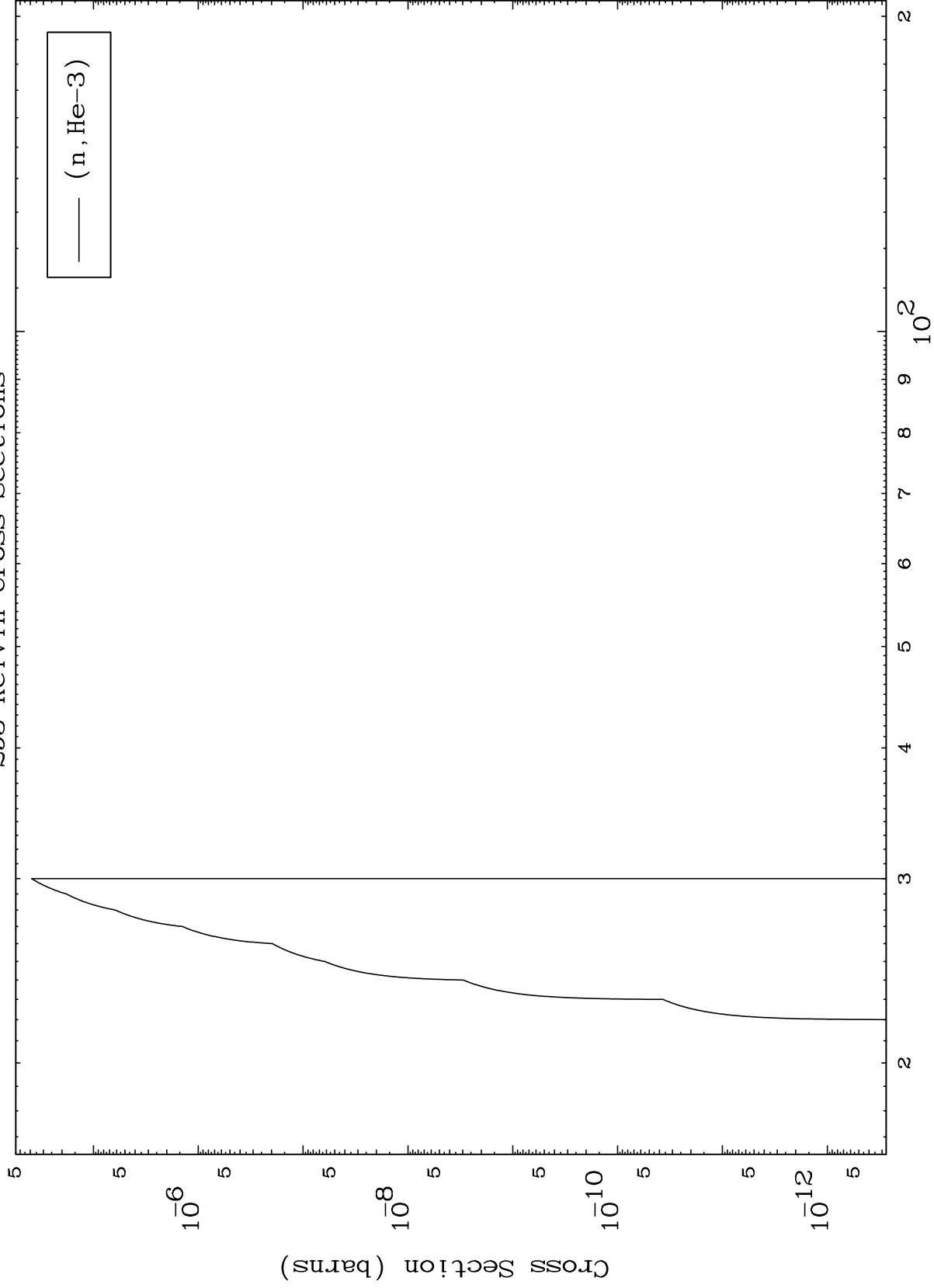
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-73



13

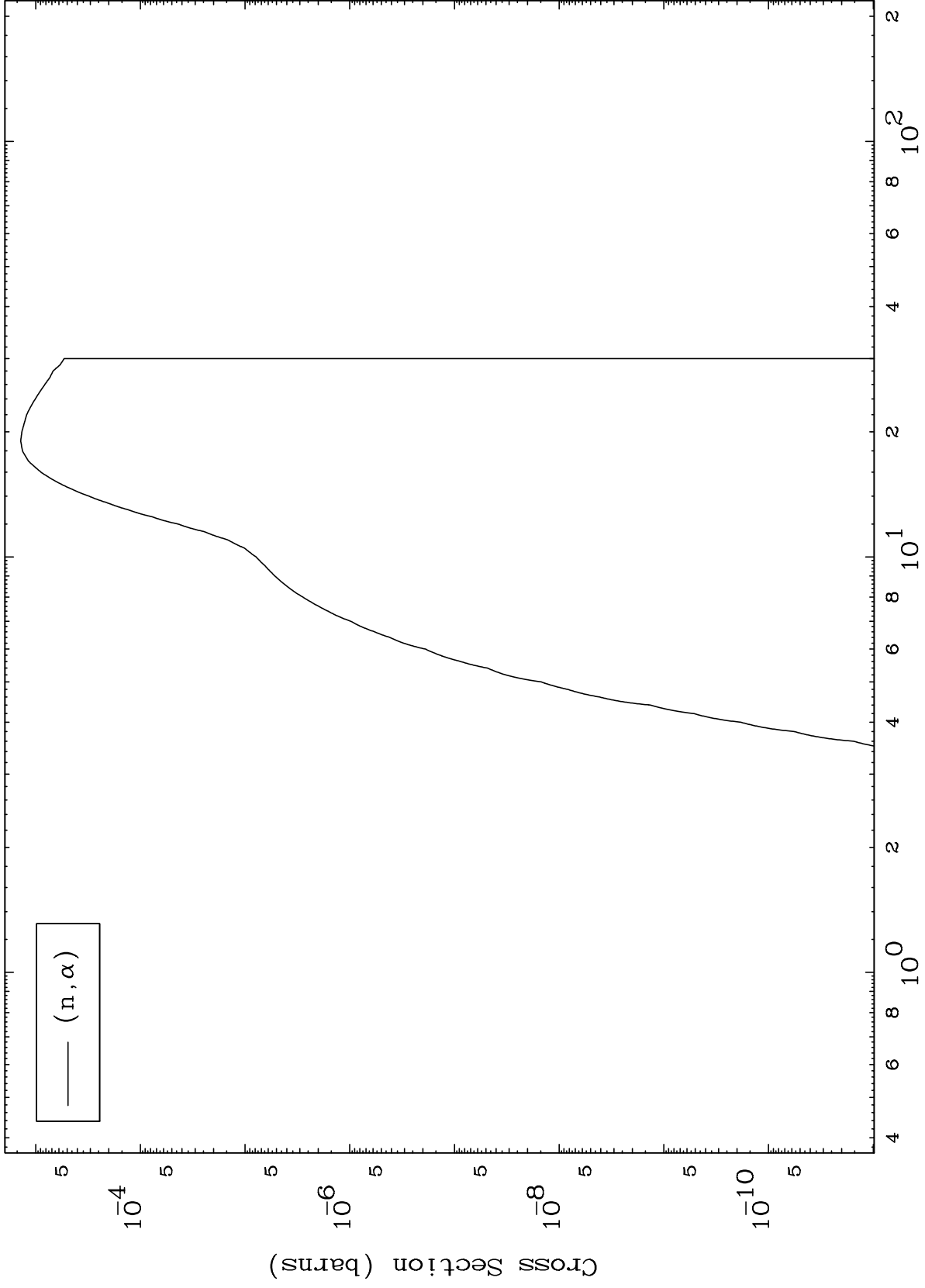
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n, α) Levels
293 Kelvin Cross Sections

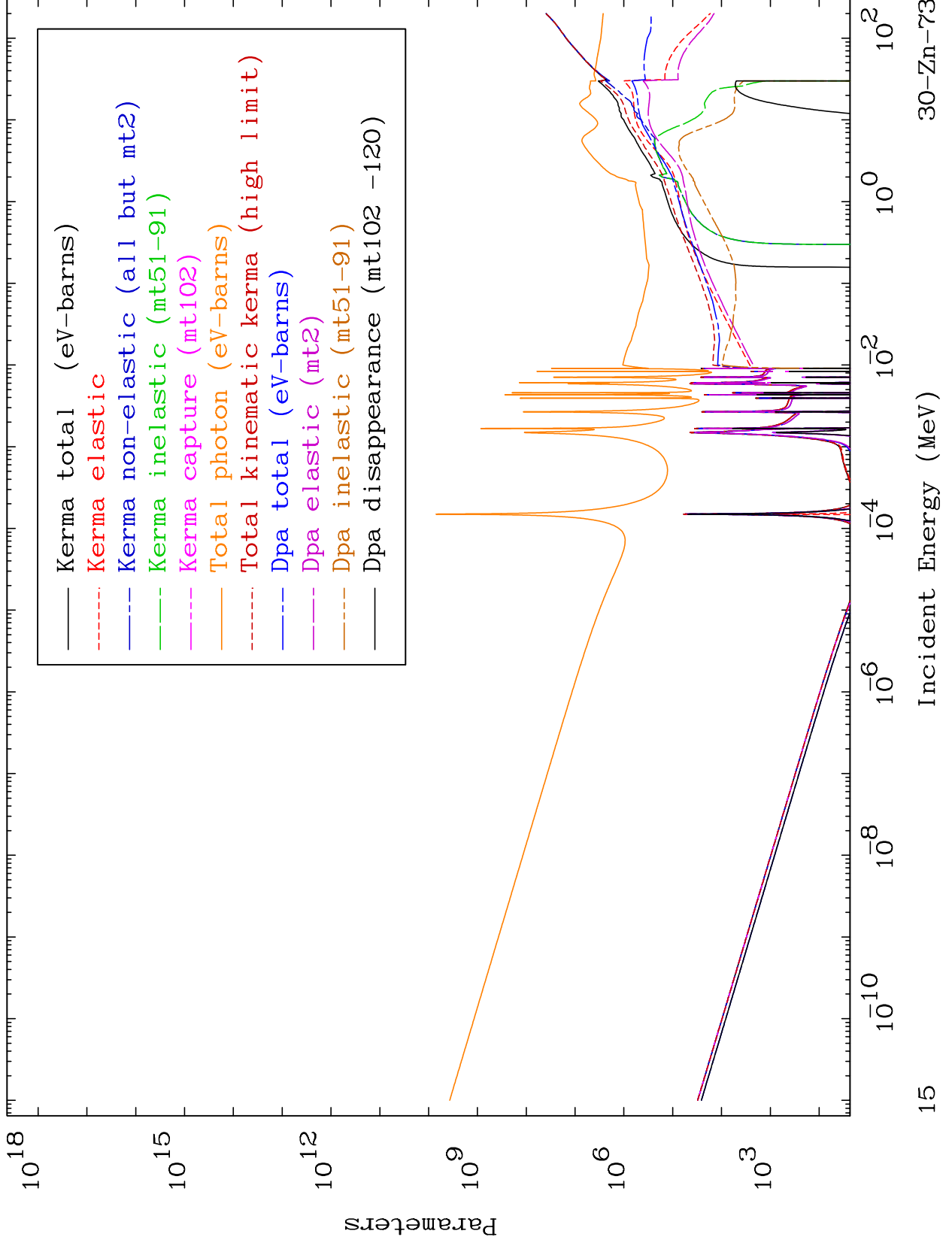
30-Zn-73



14

Incident Energy (MeV)

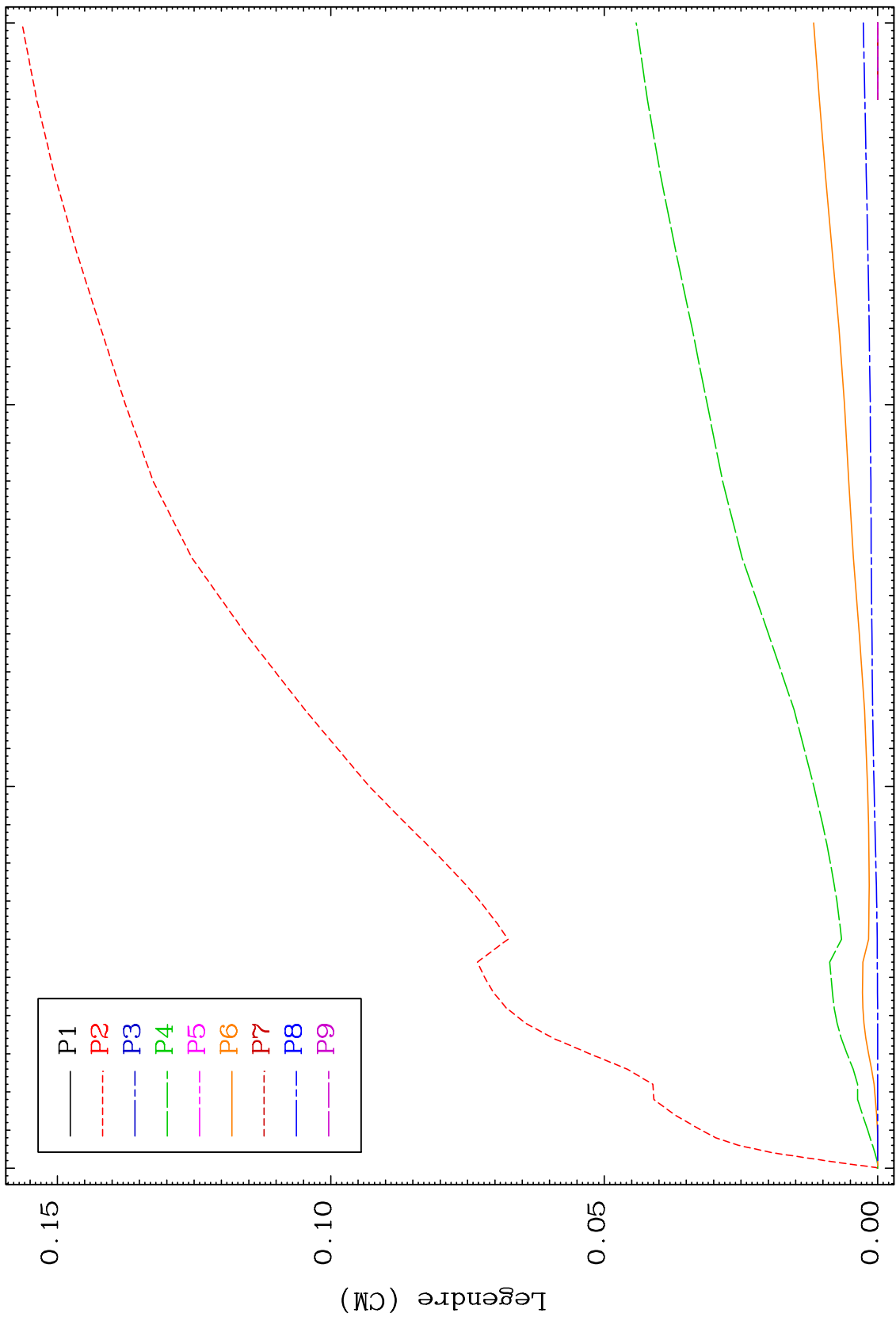
30-Zn-73



MAT 3053

Elastic Legendre Coefficients

30-Zn-73



30-Zn-73

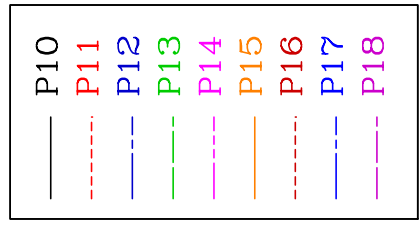
Incident Energy (MeV)

16

MAT 3053

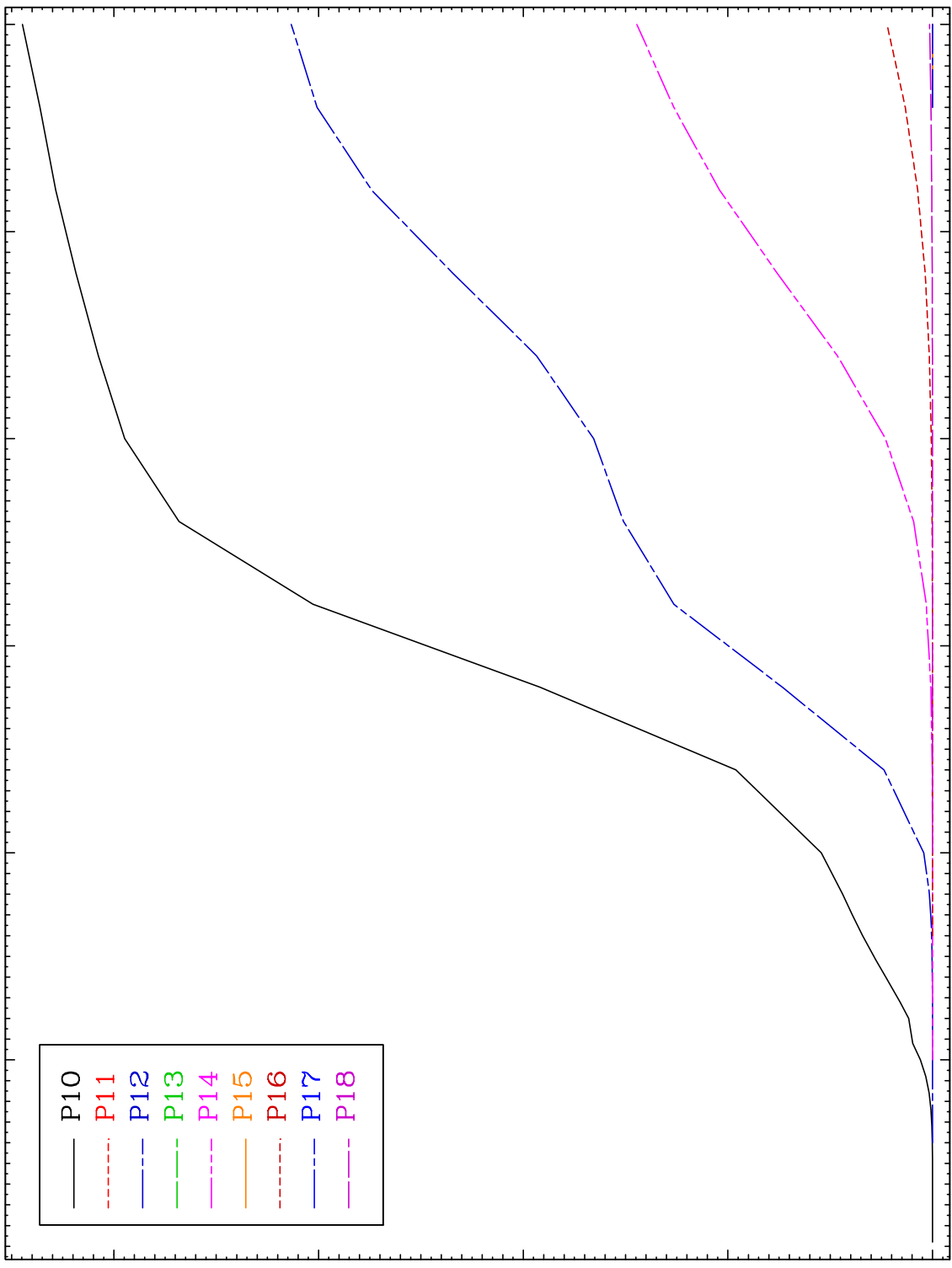
Elastic Legendre Coefficients

30-Zn-73



$\times 10^{-4}$

Legendre (CM)



17

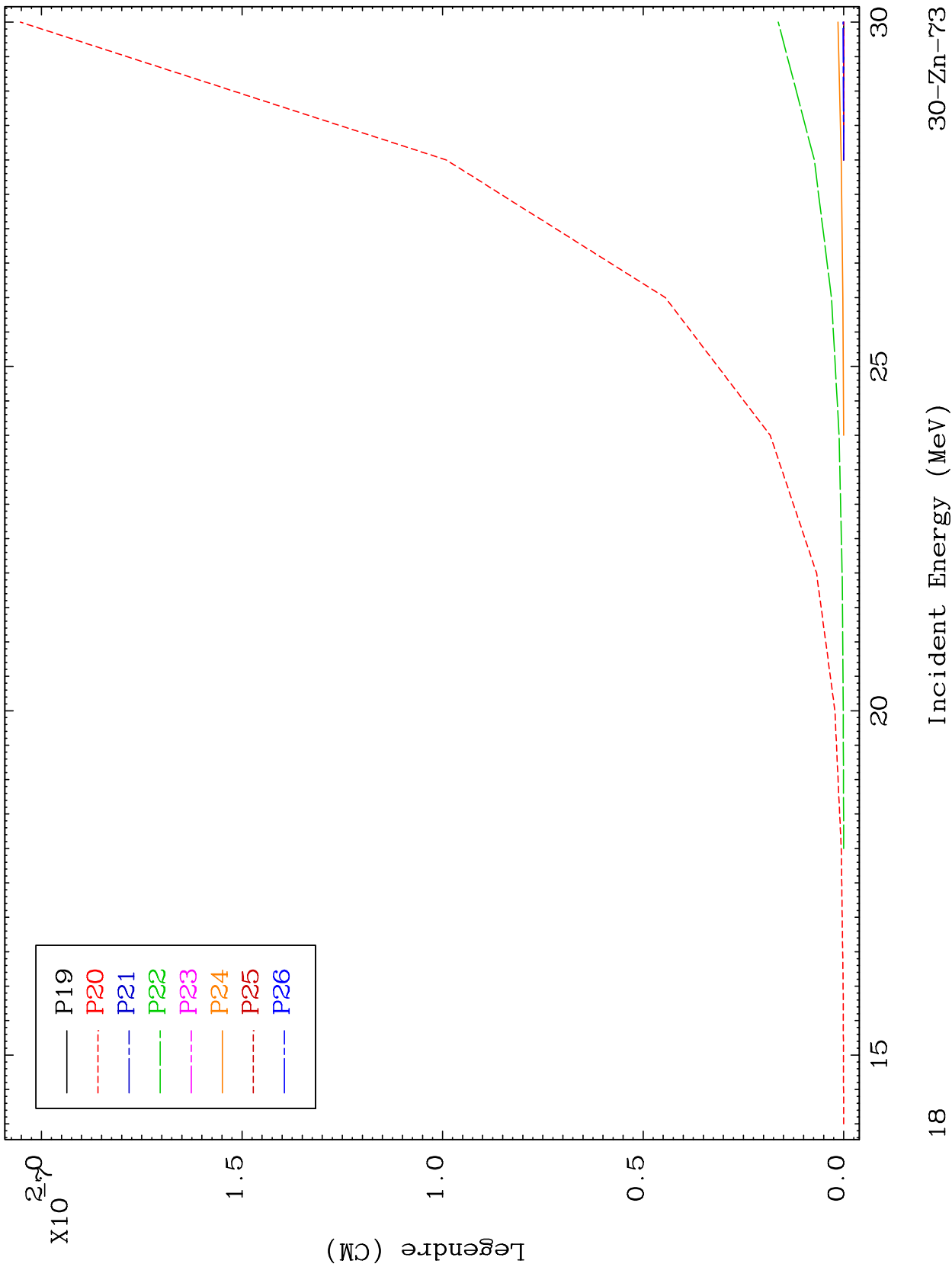
Incident Energy (MeV)

30-Zn-73

MAT 3053

Elastic
Legendre Coefficients

30-Zn-73



18

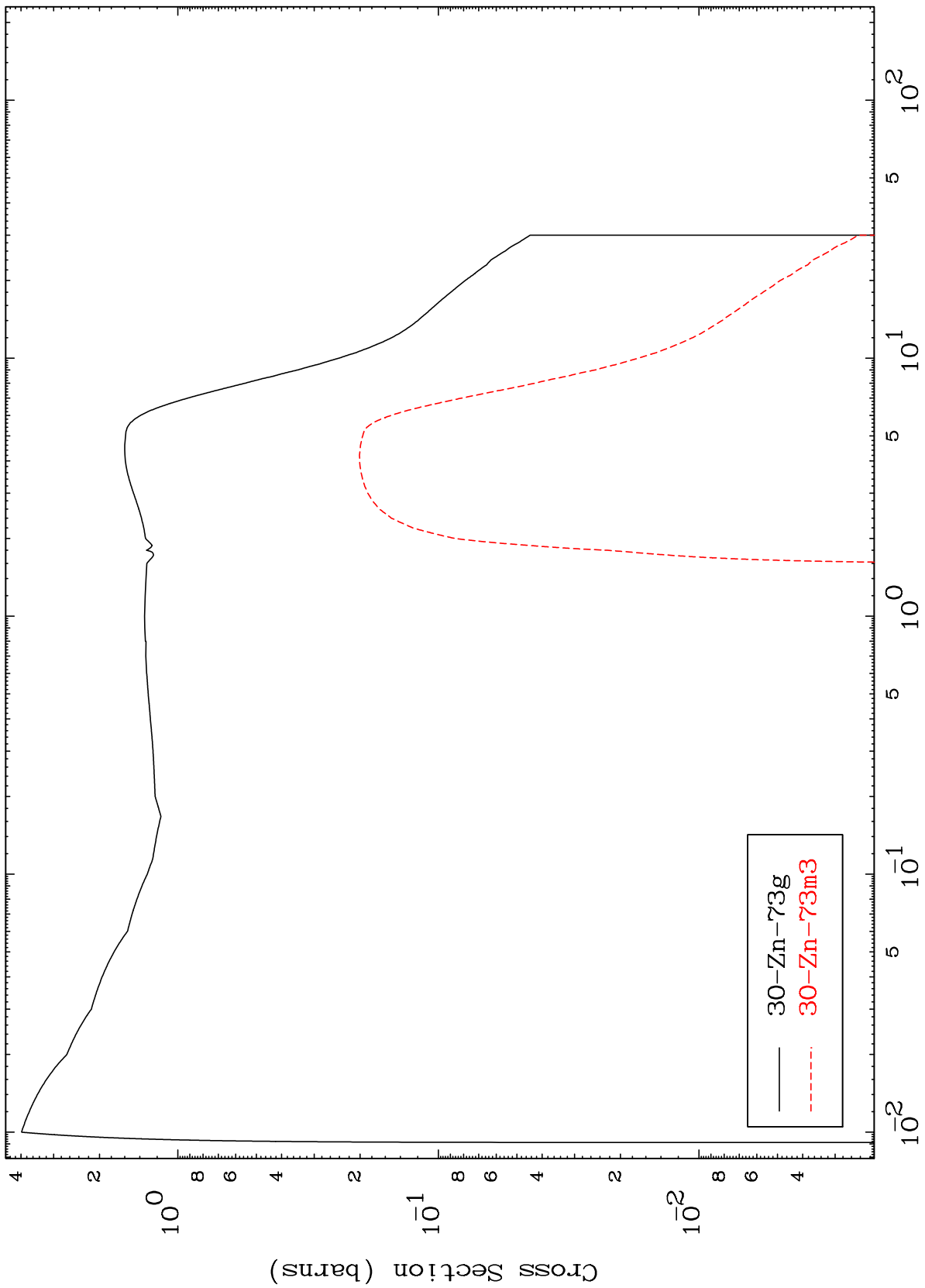
Incident Energy (MeV)

30-Zn-73

MAT 3053

30-Zn-73

Inelastic
Radionuclide Production Cross Section



30-Zn-73

Incident Energy (MeV)

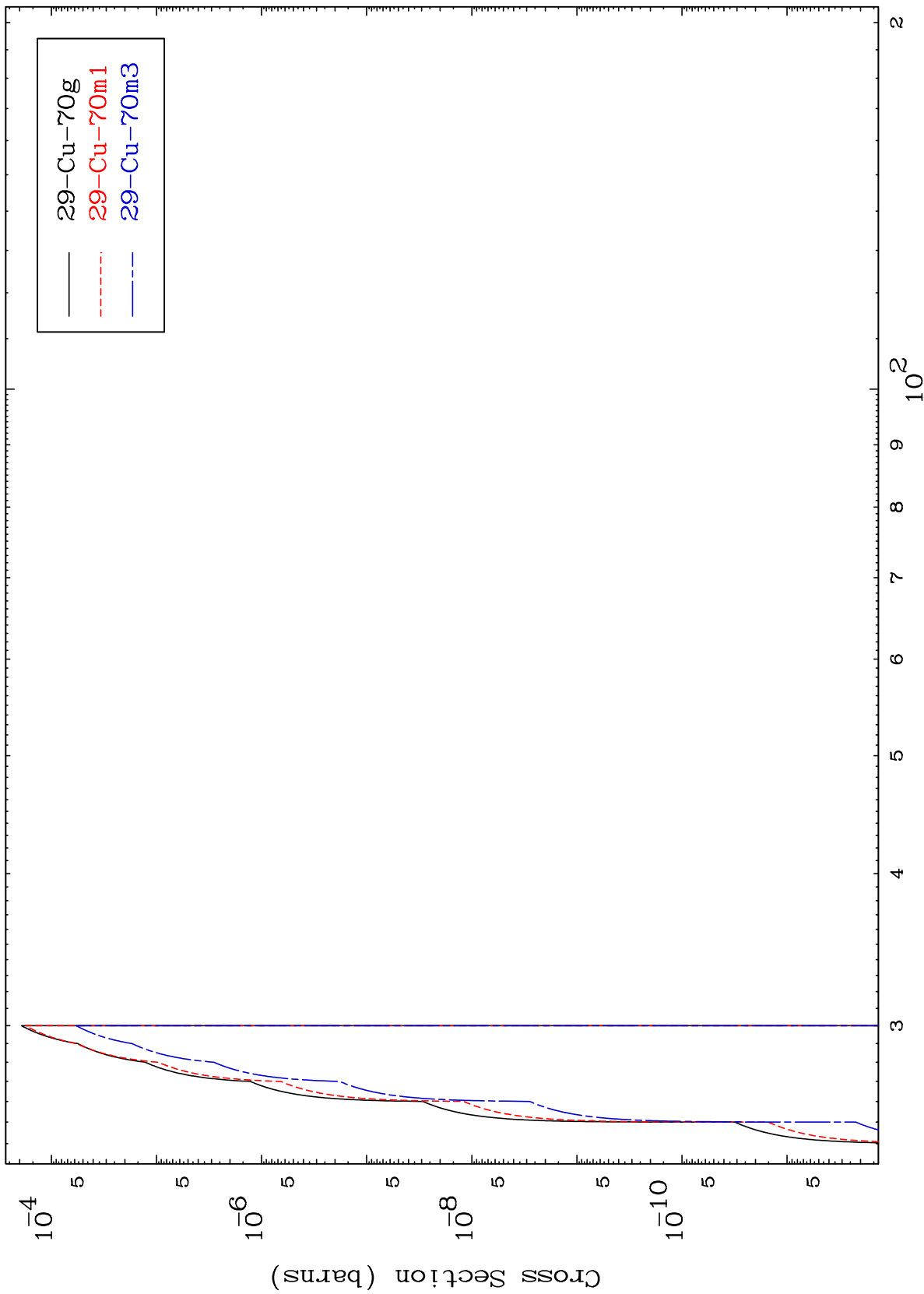
19

MAT 3053

(n,2n) d

30-Zn-73

Radionuclide Production Cross Section



29-Cu-70g
29-Cu-70m1
29-Cu-70m3

20

Incident Energy (MeV)

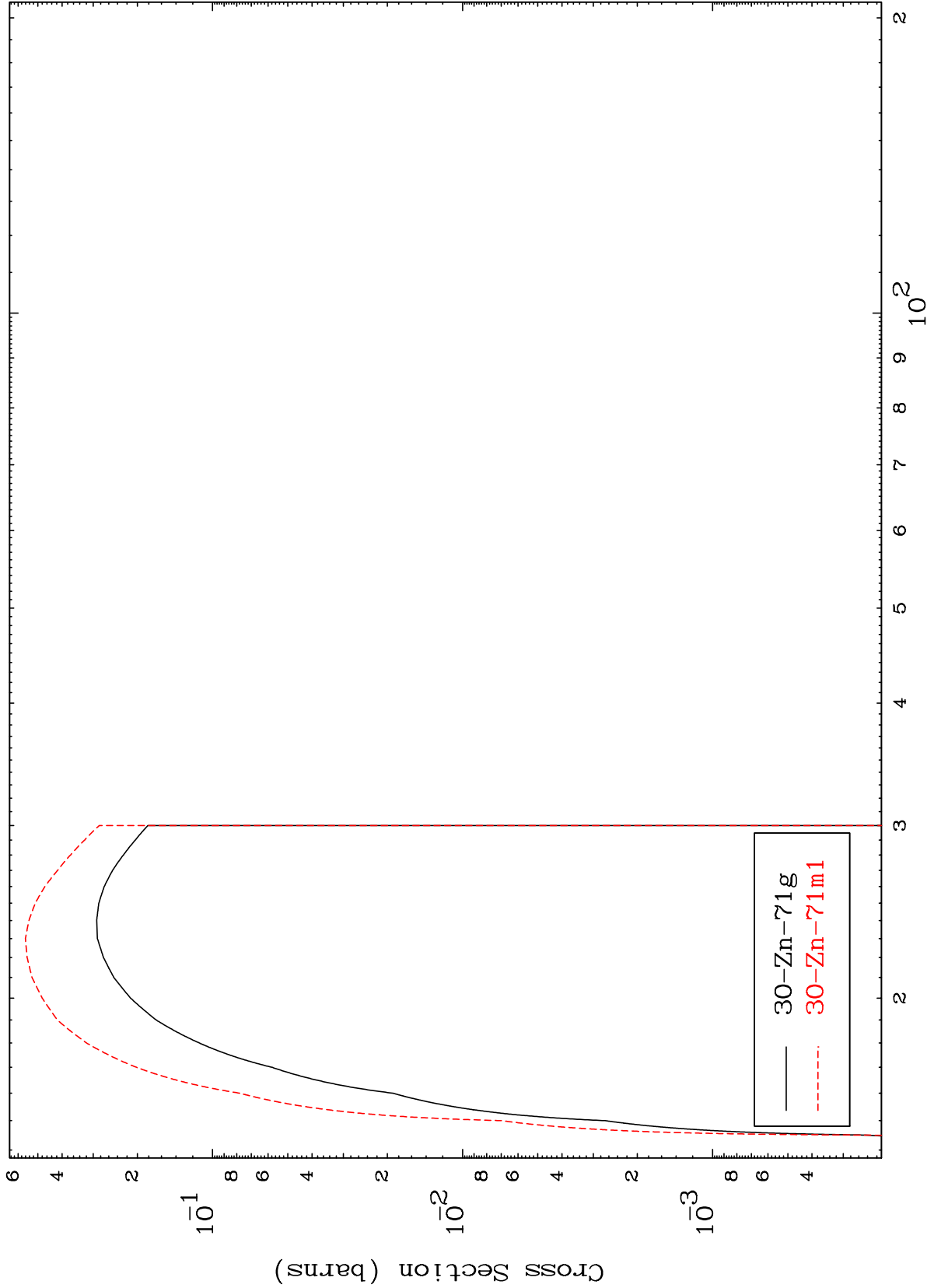
30-Zn-73

MAT 3053

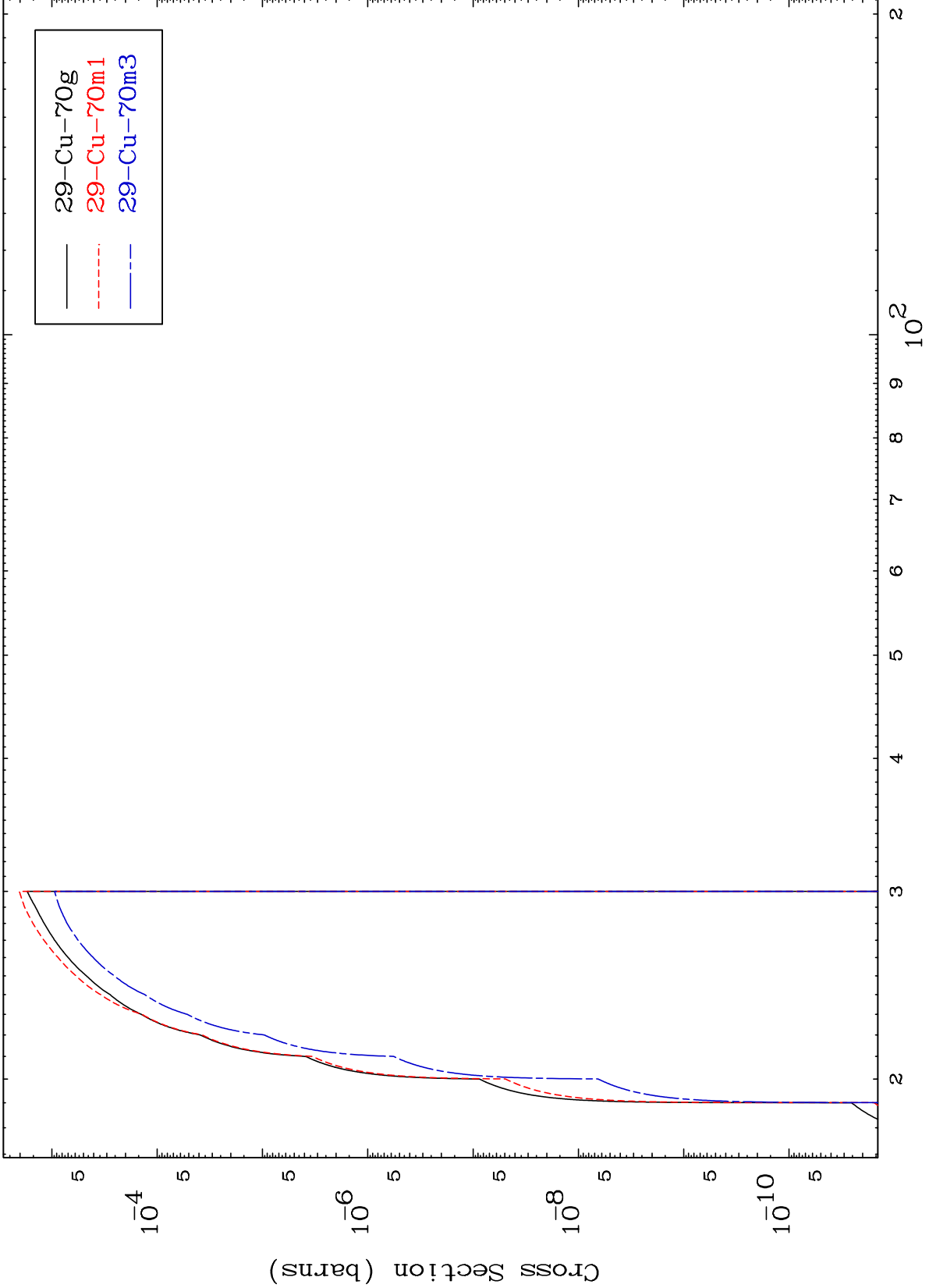
(n,3n)

30-Zn-73

Radionuclide Production Cross Section



Radionuclide Production Cross Section

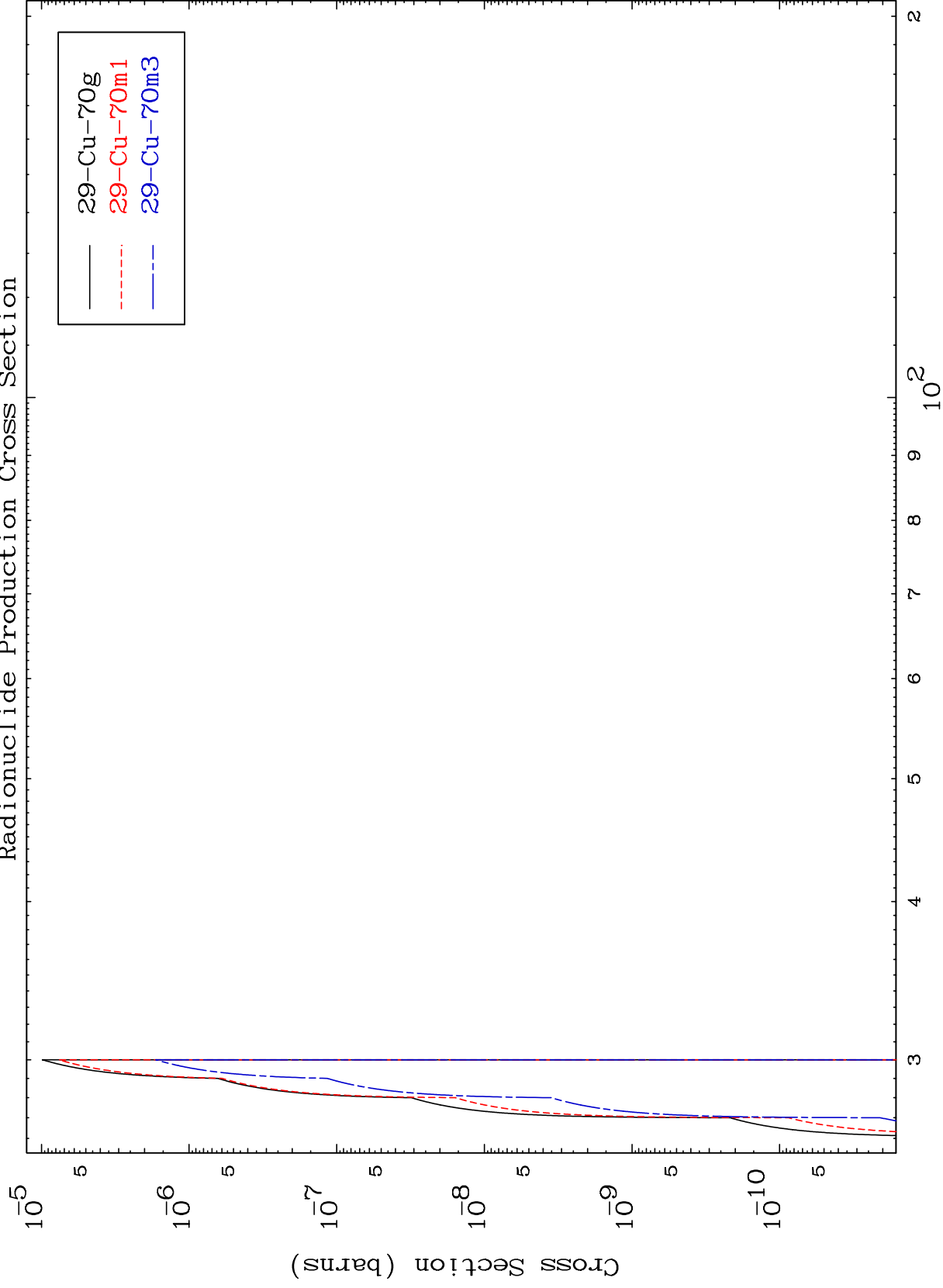


MAT 3053

(n,3n) p

30-Zn-73

Radionuclide Production Cross Section



23

Incident Energy (MeV)

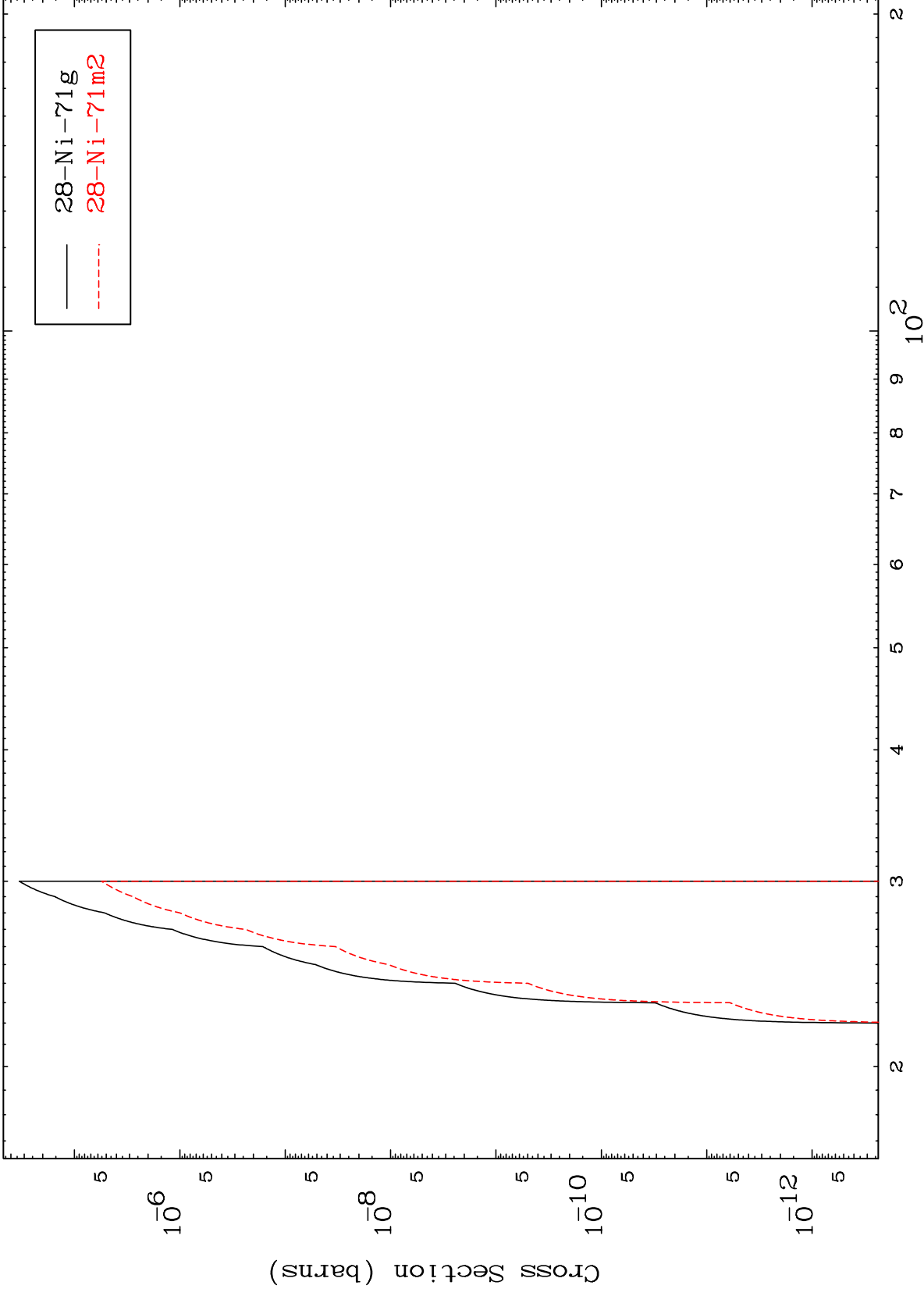
30-Zn-73

MAT 3053

(n,He-3)

30-Zn-73

Radionuclide Production Cross Section



24

Incident Energy (MeV)

30-Zn-73