

Program EVALPLOT
(Version 2017-1)

by

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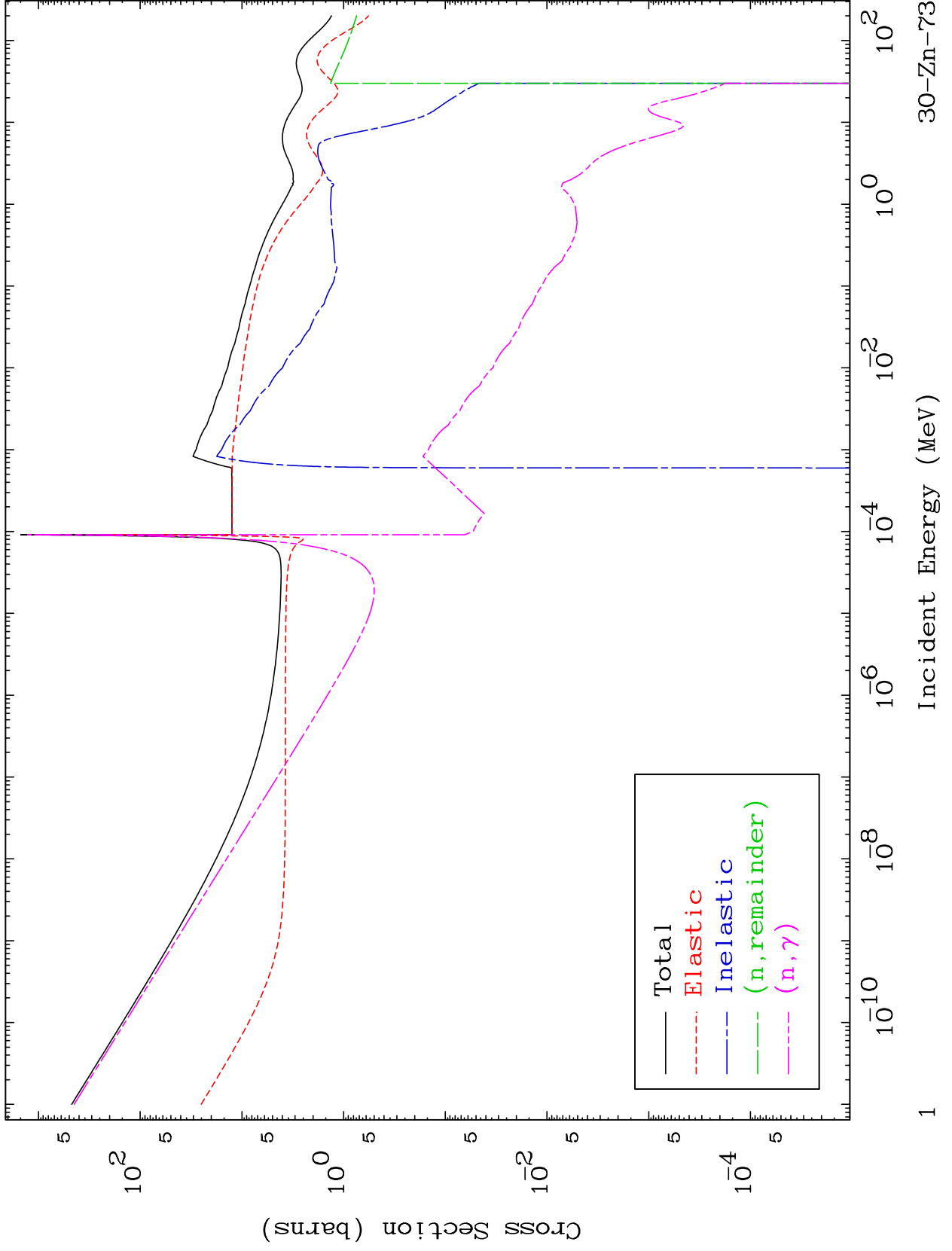
Press Mouse Button to Start

MAT 3053

Major

293 Kelvin Cross Sections

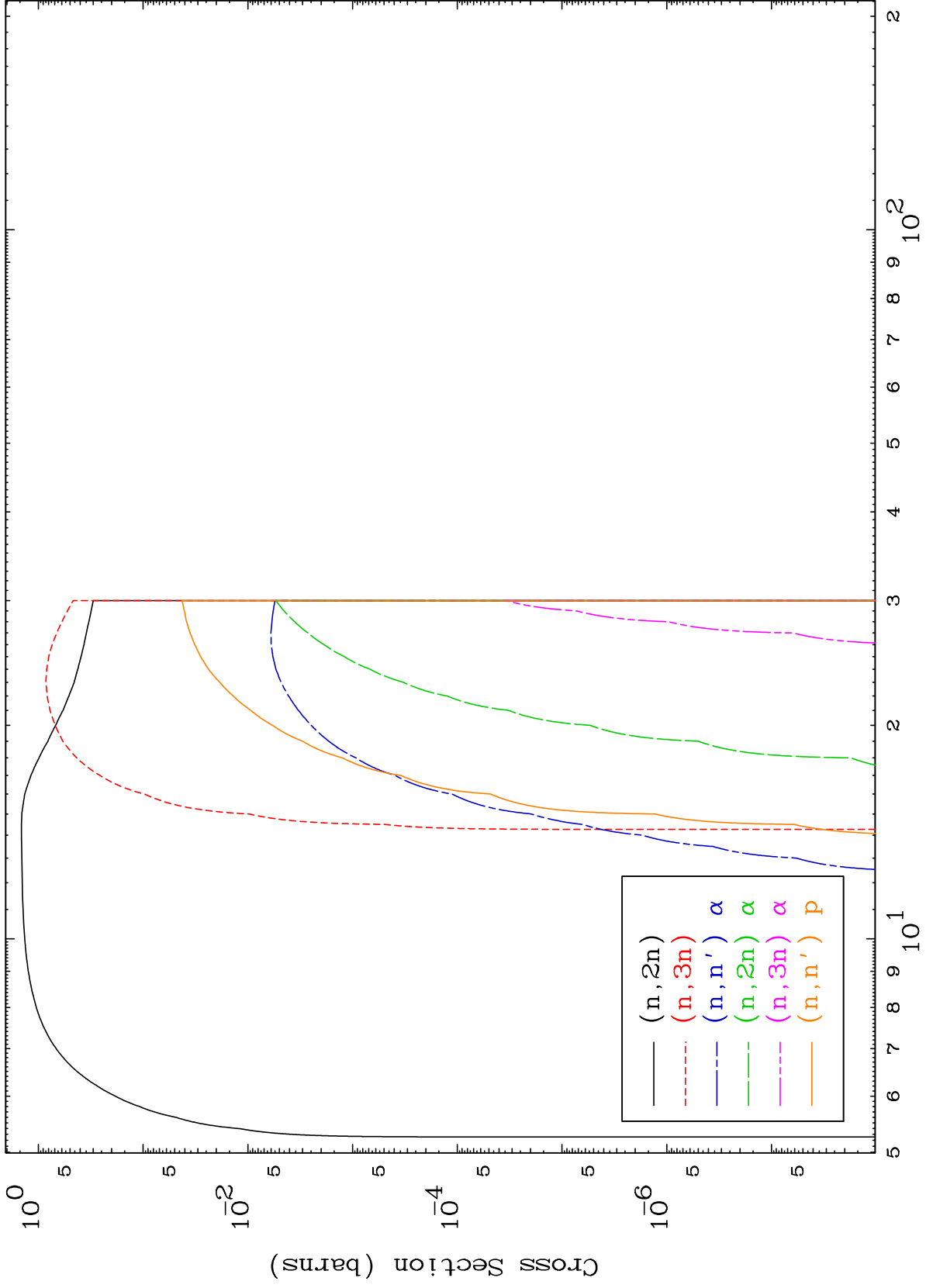
30-Zn-73



MAT 3053

Neutron Production
293 Kelvin Cross Sections

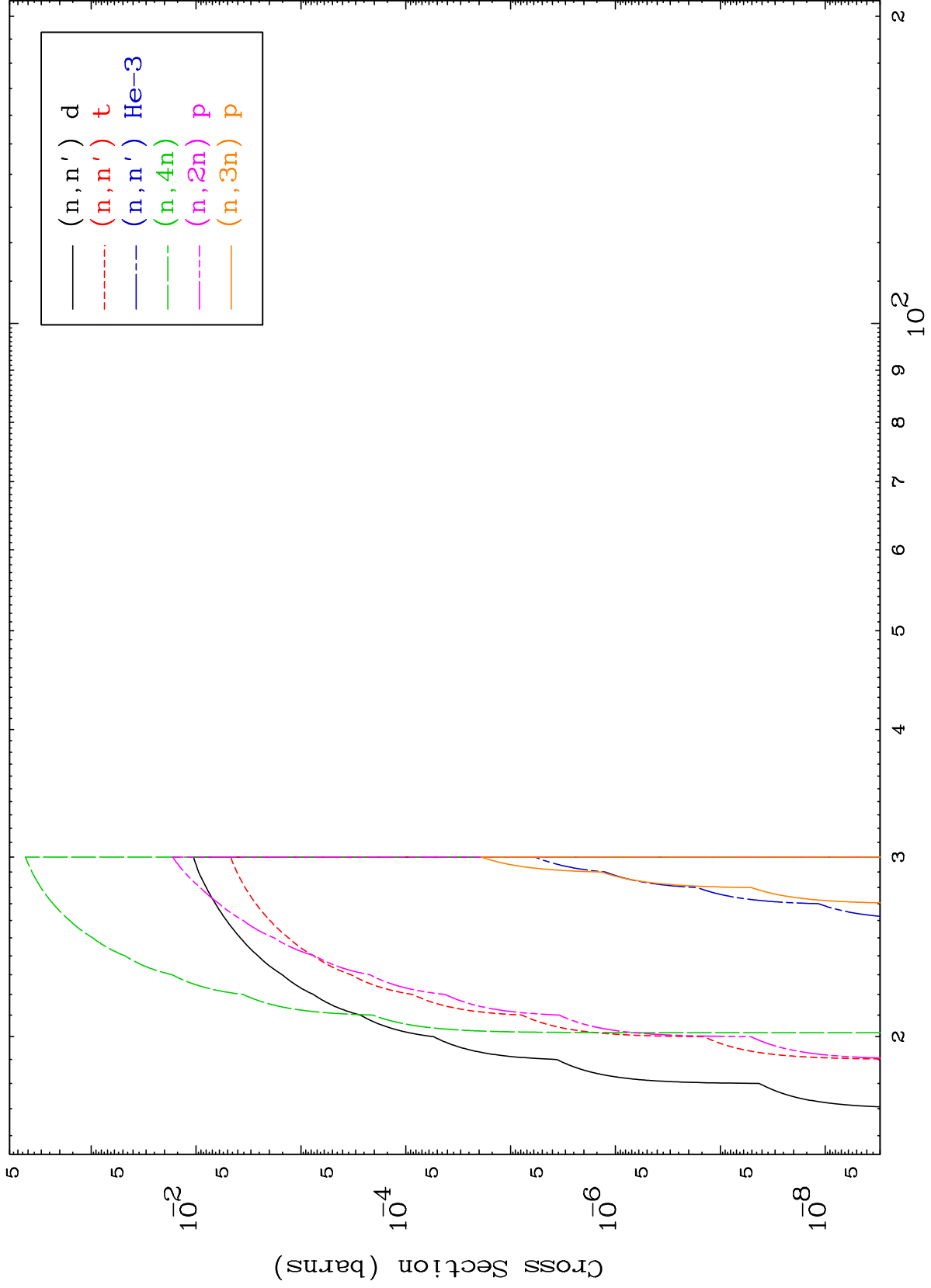
30-Zn-73



MAT 3053

Neutron Production
293 Kelvin Cross Sections

30-Zn-73



3

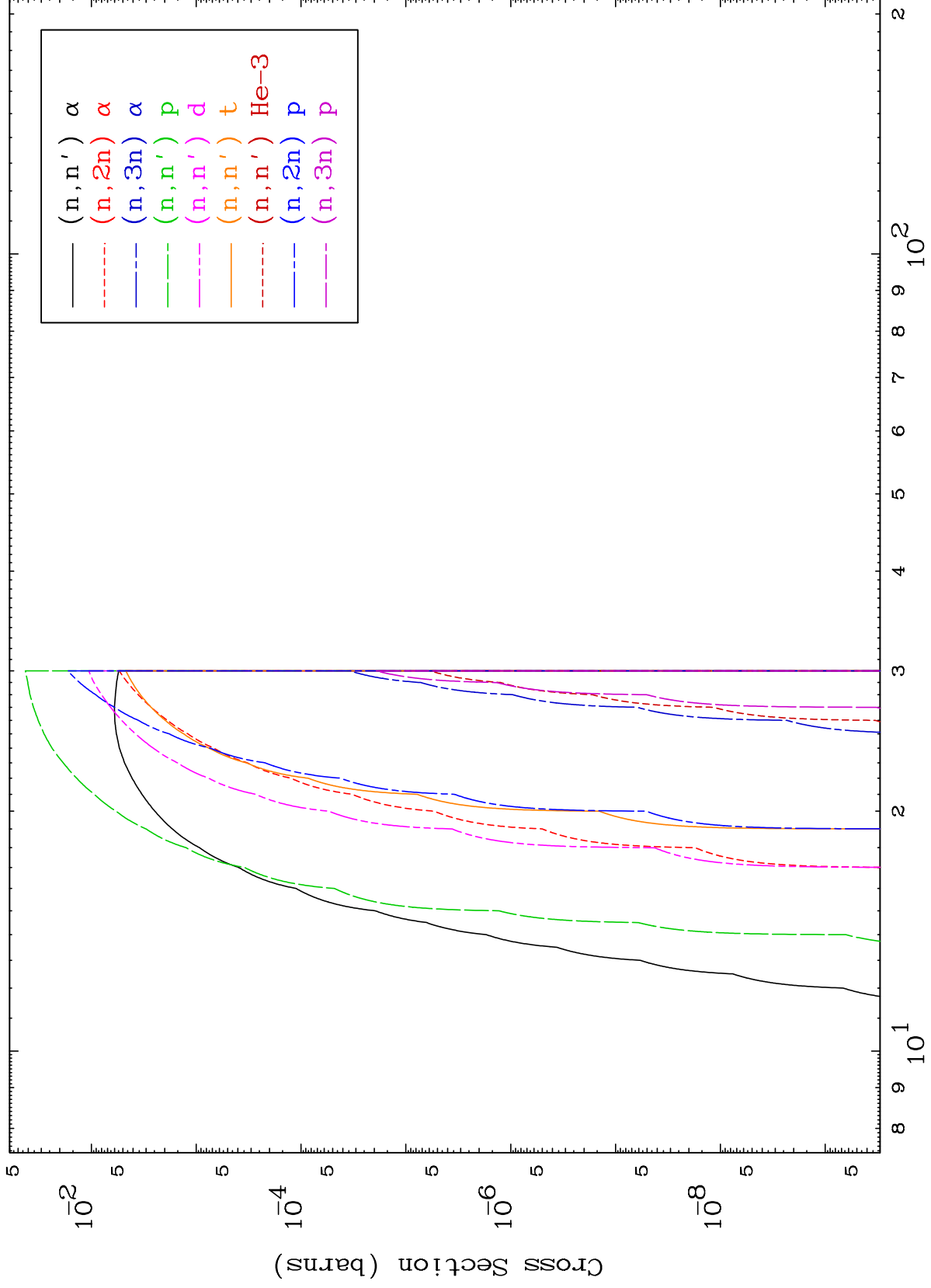
Incident Energy (MeV)

30-Zn-73

MAT 3053

Charged Particle
293 Kelvin Cross Sections

30-Zn-73



4

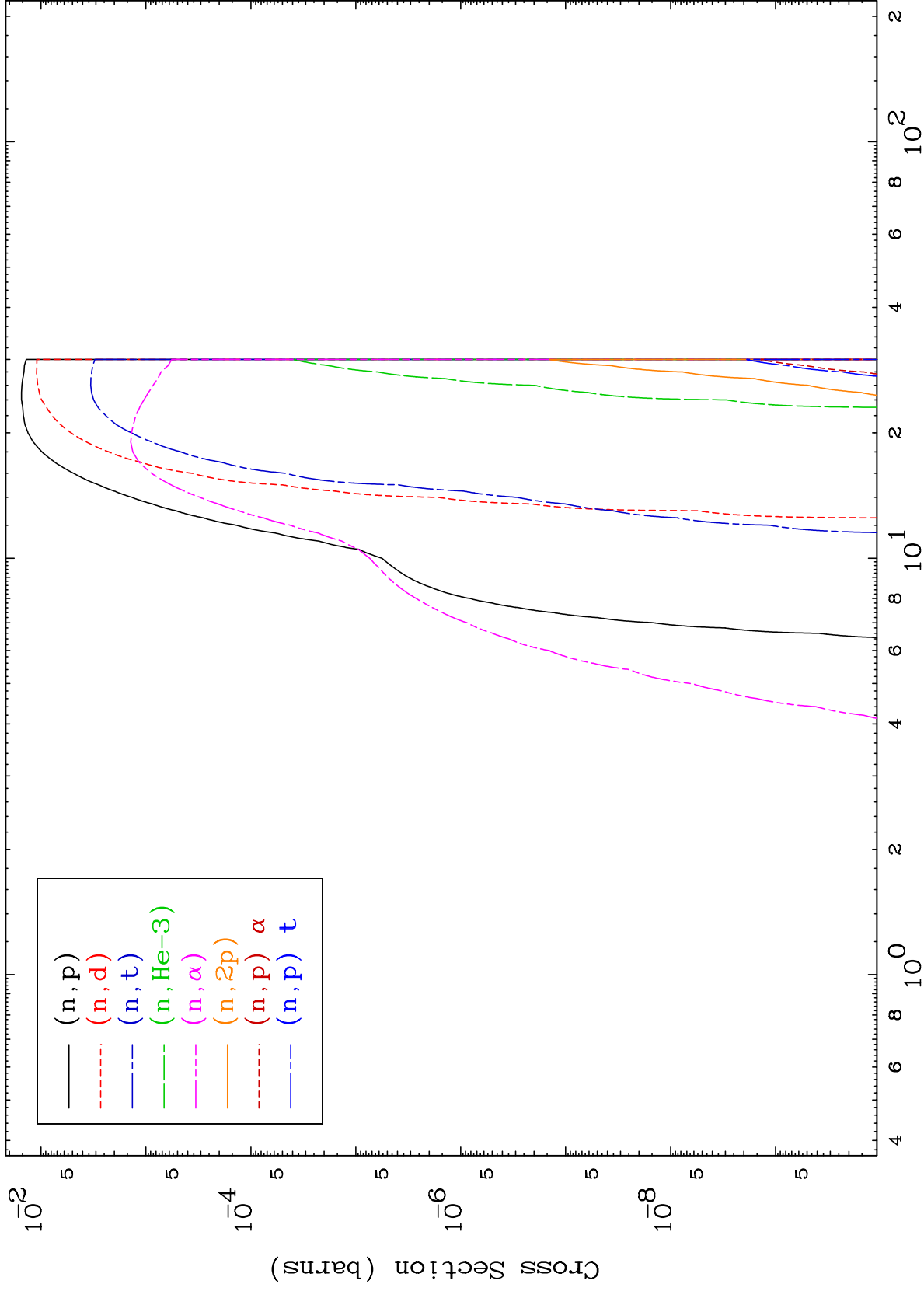
Incident Energy (MeV)

30-Zn-73

MAT 3053

Charged Particle
293 Kelvin Cross Sections

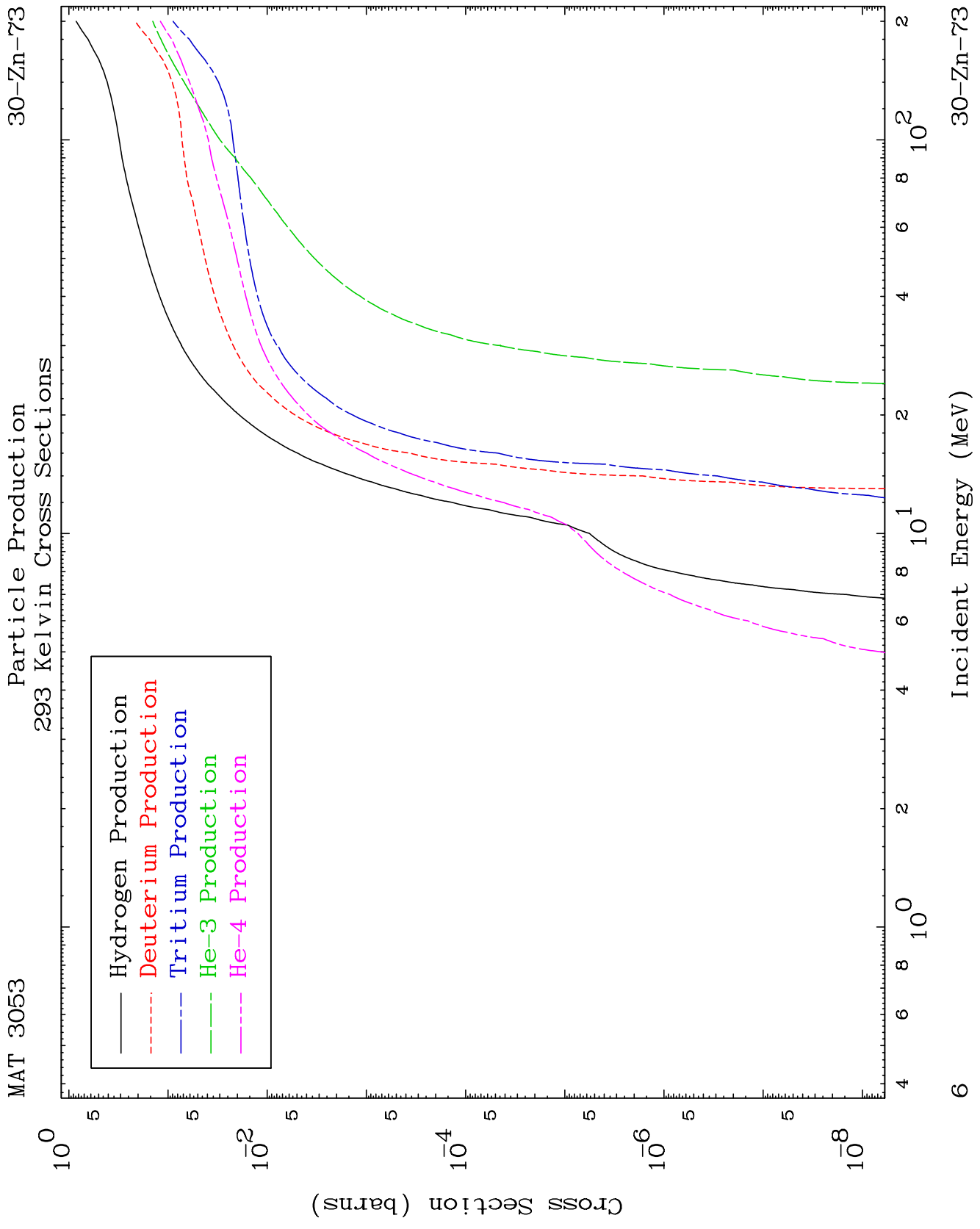
30-Zn-73



5

Incident Energy (MeV)

30-Zn-73

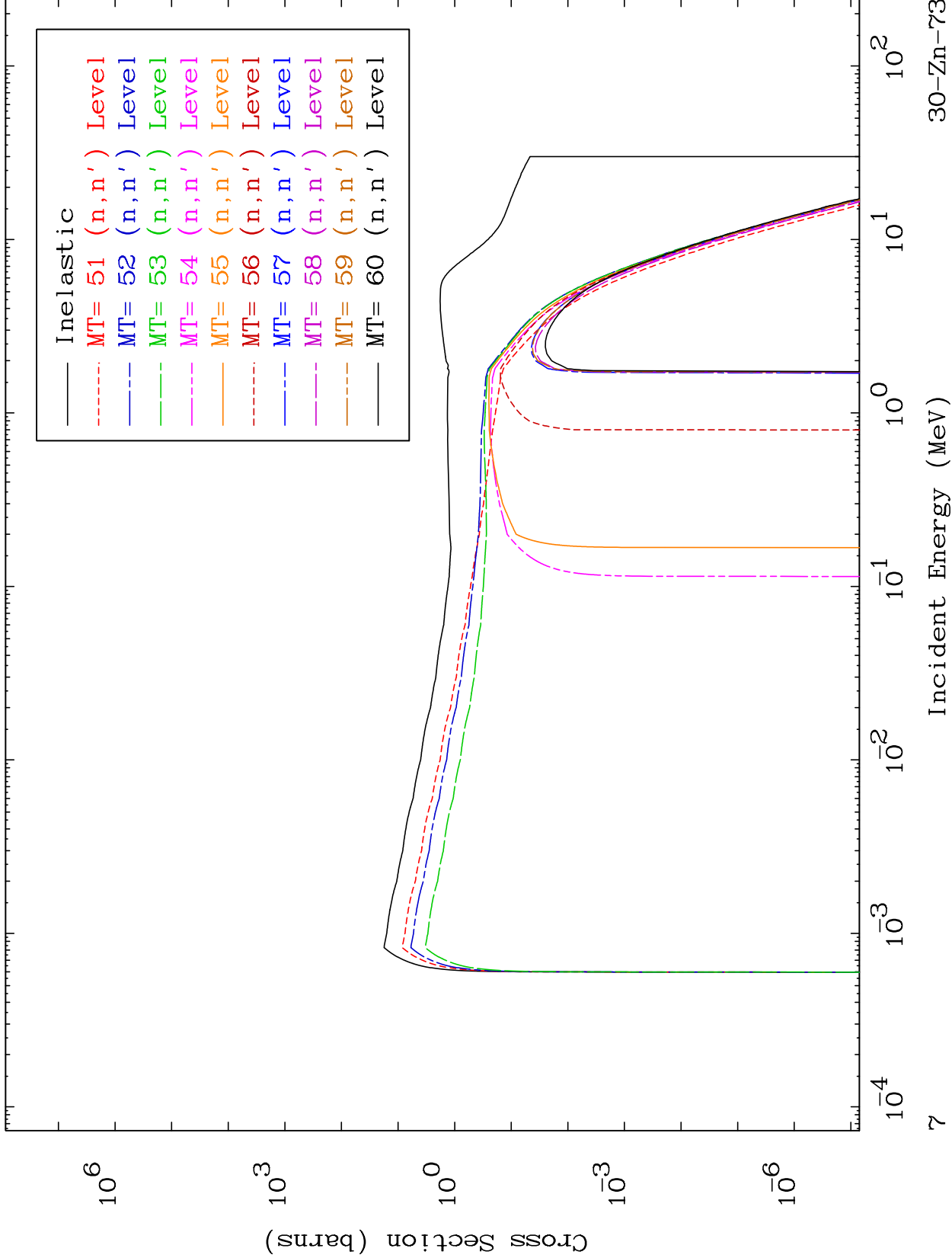


MAT 3053

(n,n') Level

30-Zn-73

293 Kelvin Cross Sections



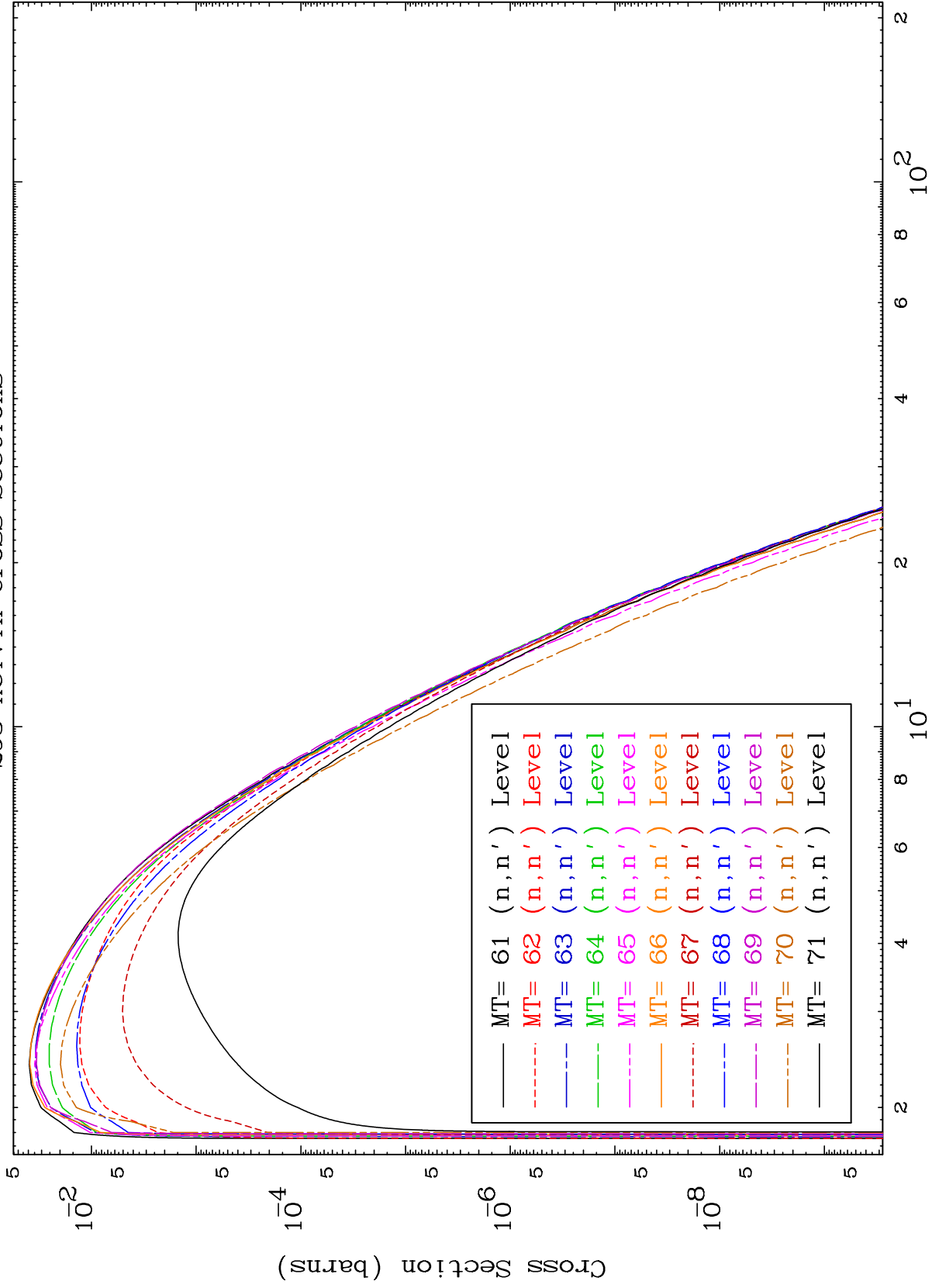
30-Zn-73

Incident Energy (MeV)

MAT 3053

(n,n') Level
293 Kelvin Cross Sections

30-Zn-73



8

Incident Energy (MeV)

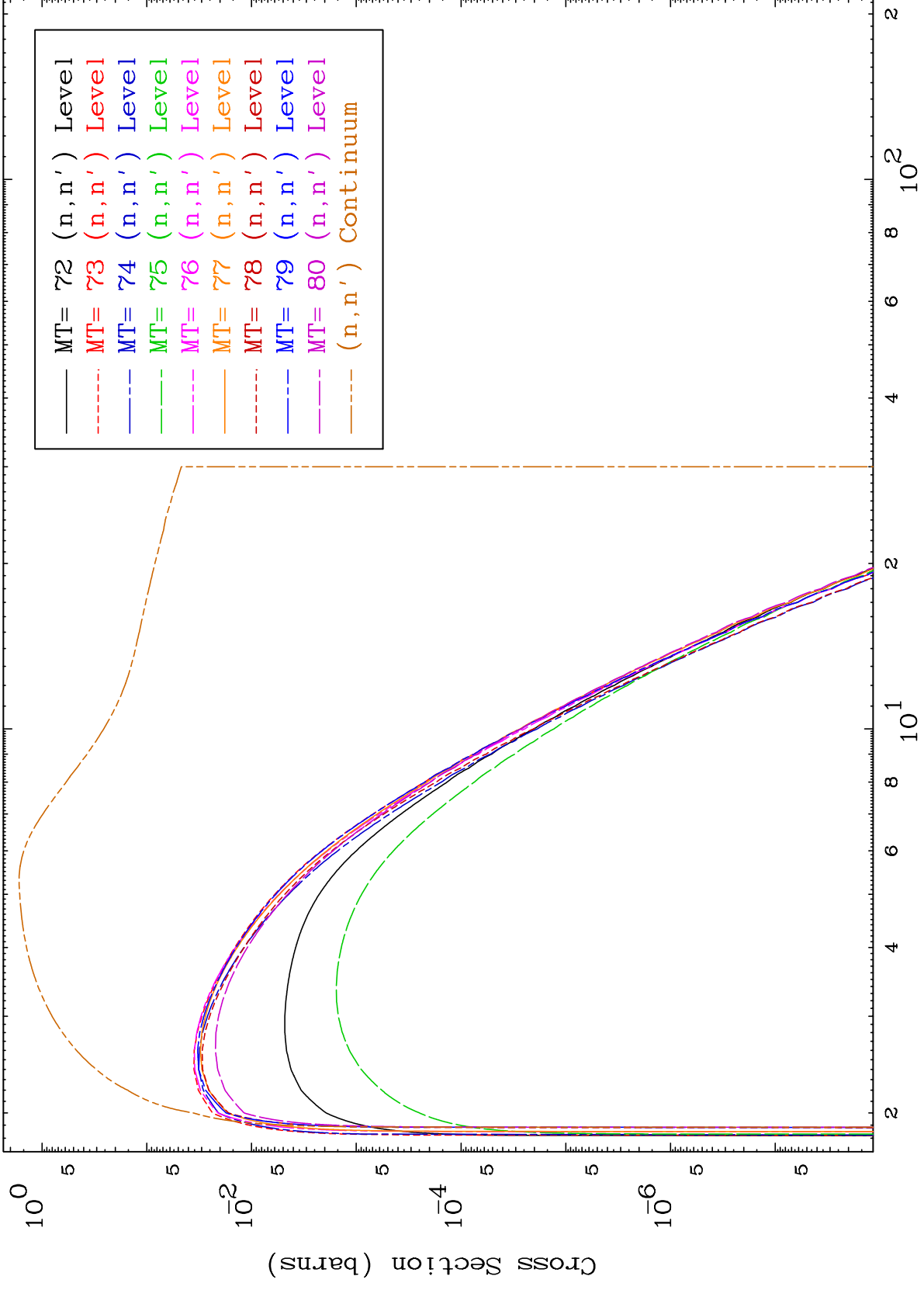
30-Zn-73

MAT 3053

(n,n') Level

293 Kelvin Cross Sections

30-Zn-73



9

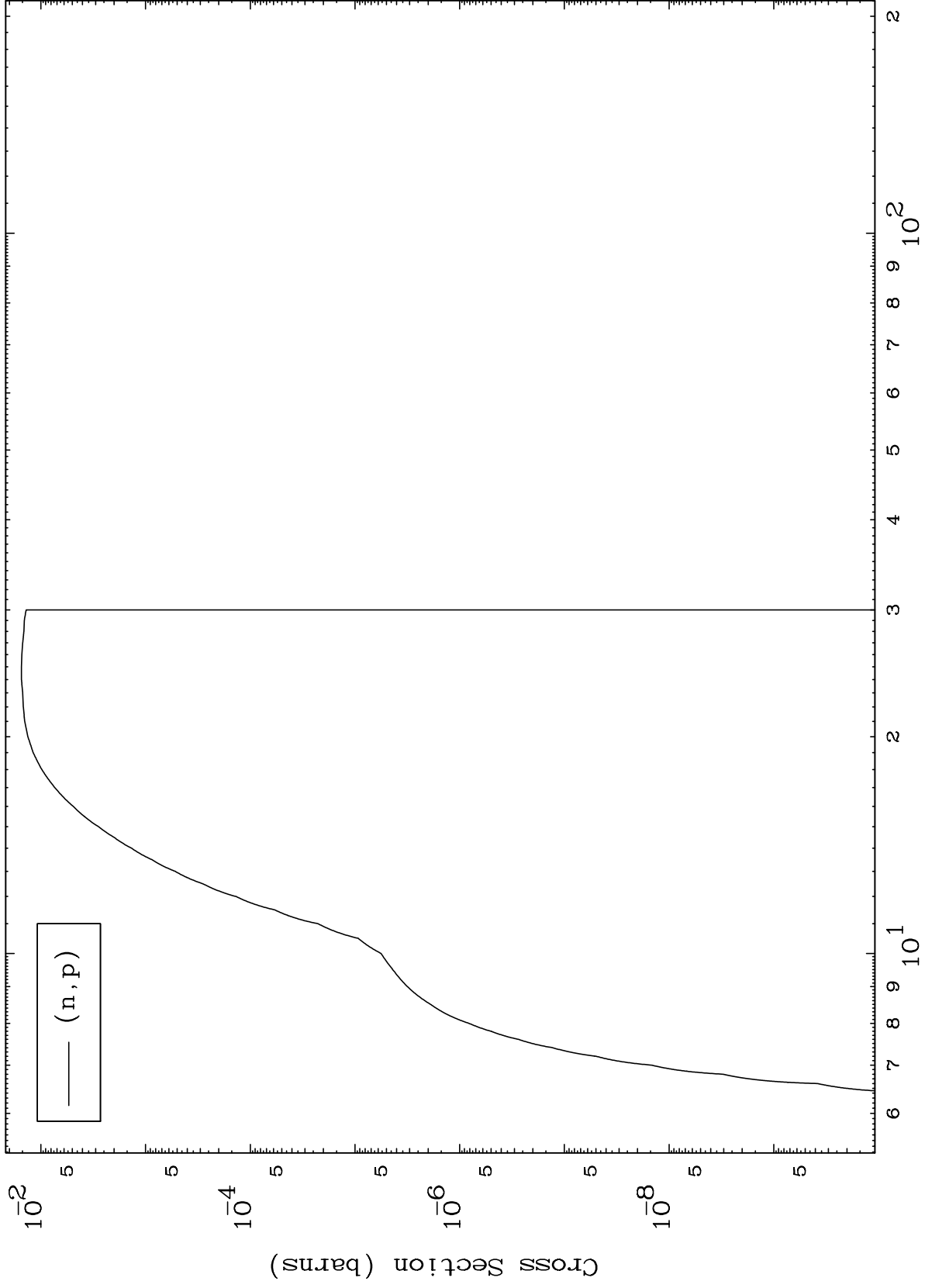
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-73



10

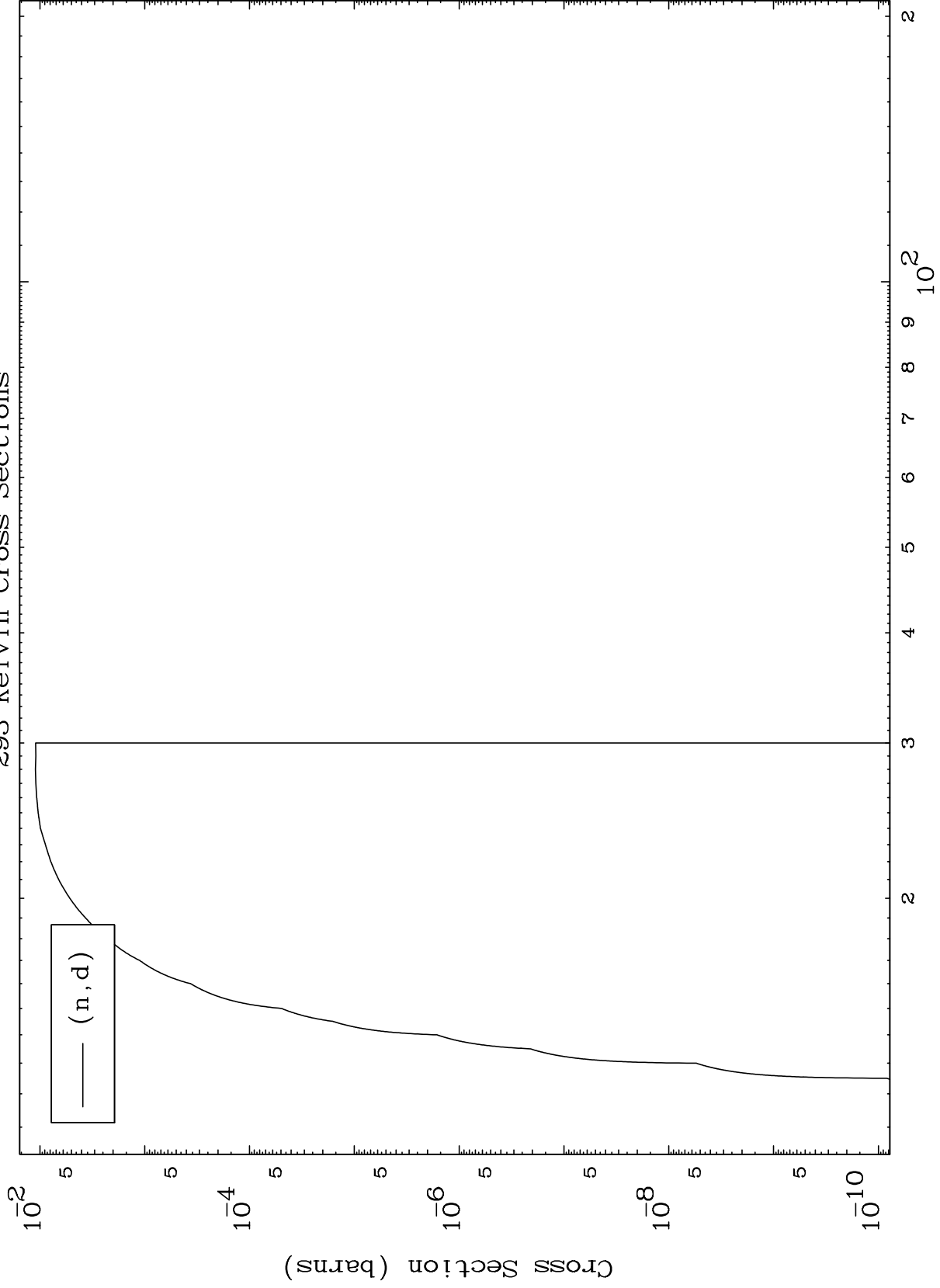
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,d) Levels
293 Kelvin Cross Sections

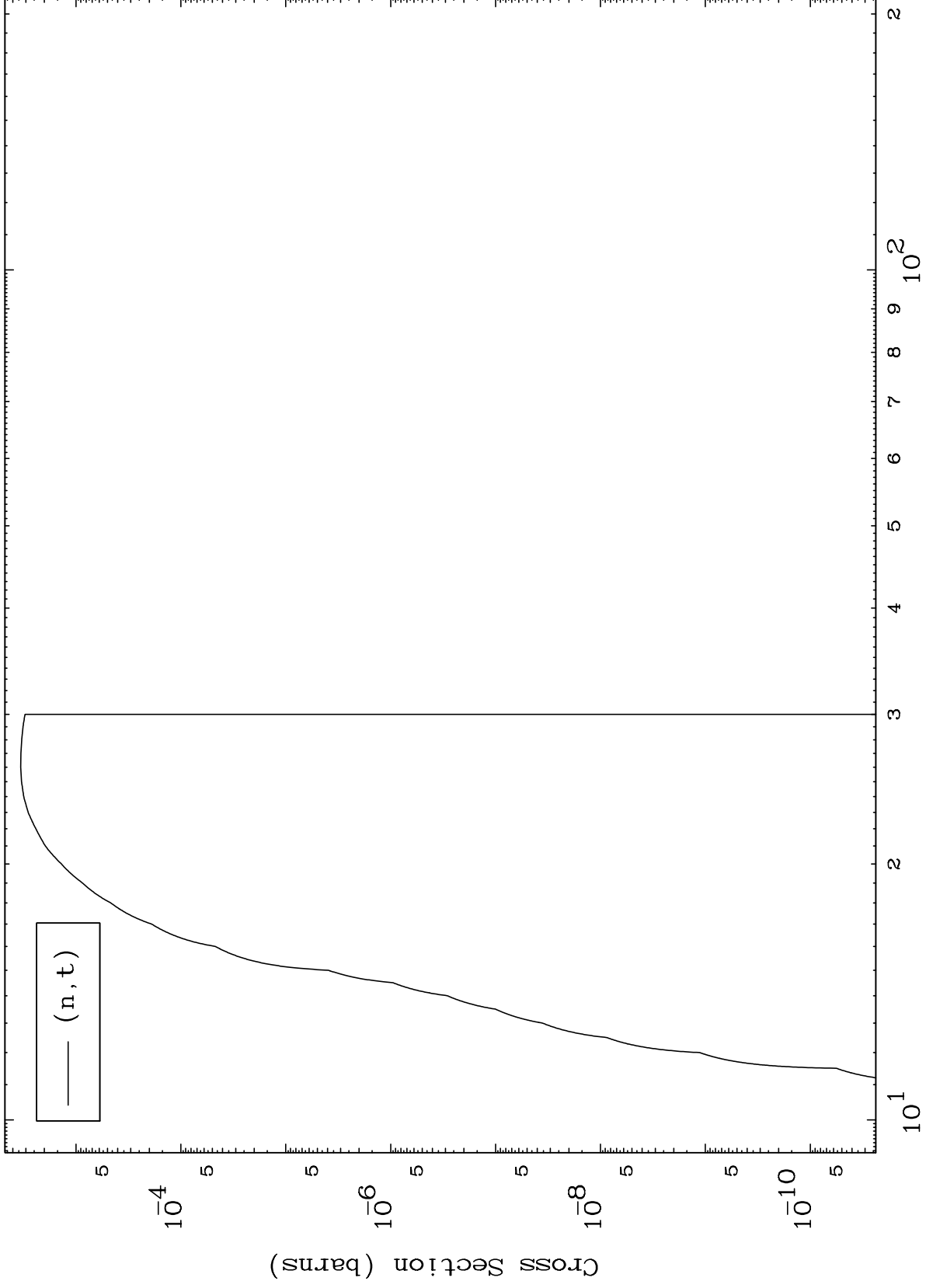
30-Zn-73



MAT 3053

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-73



12

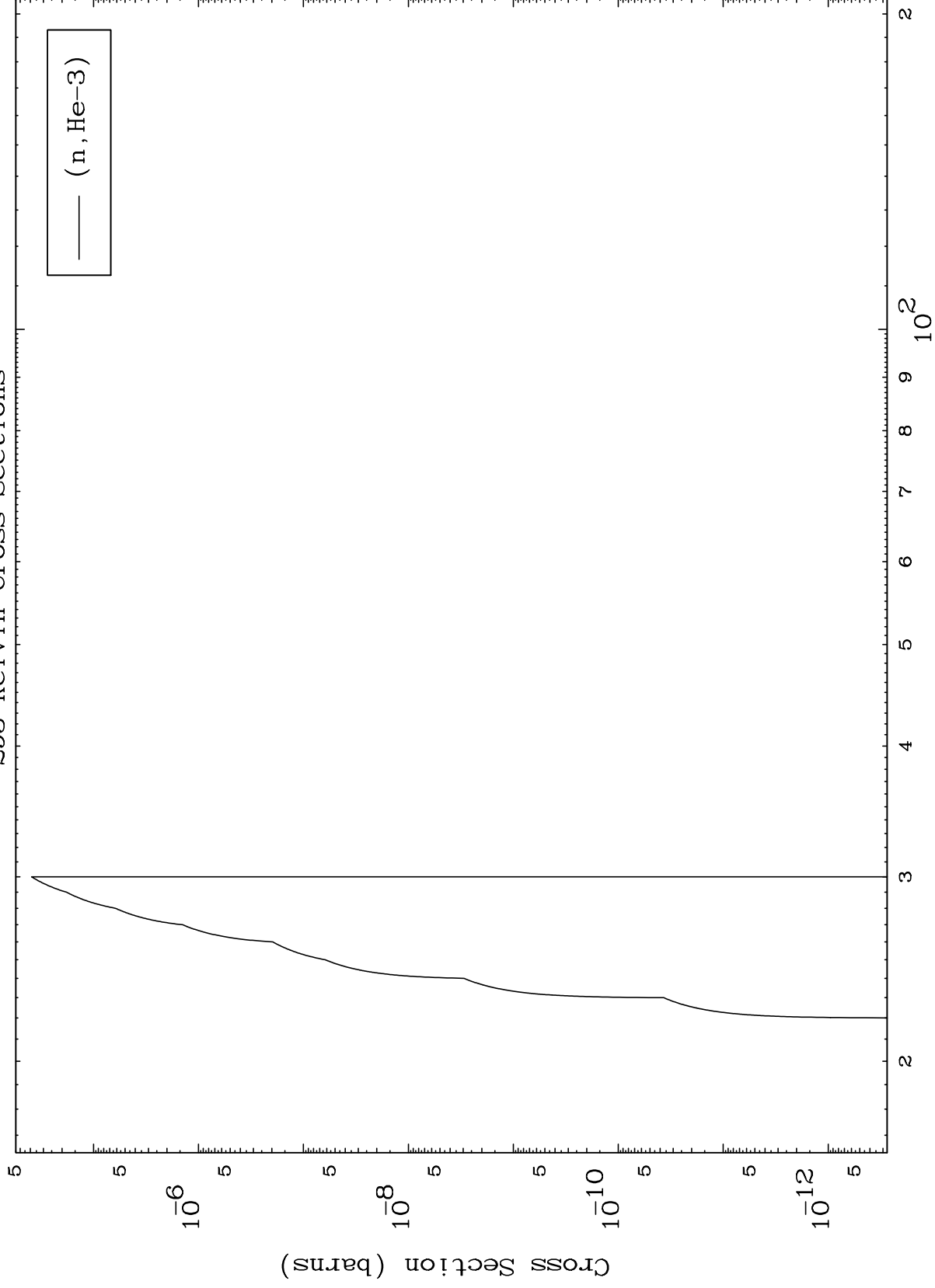
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-73



13

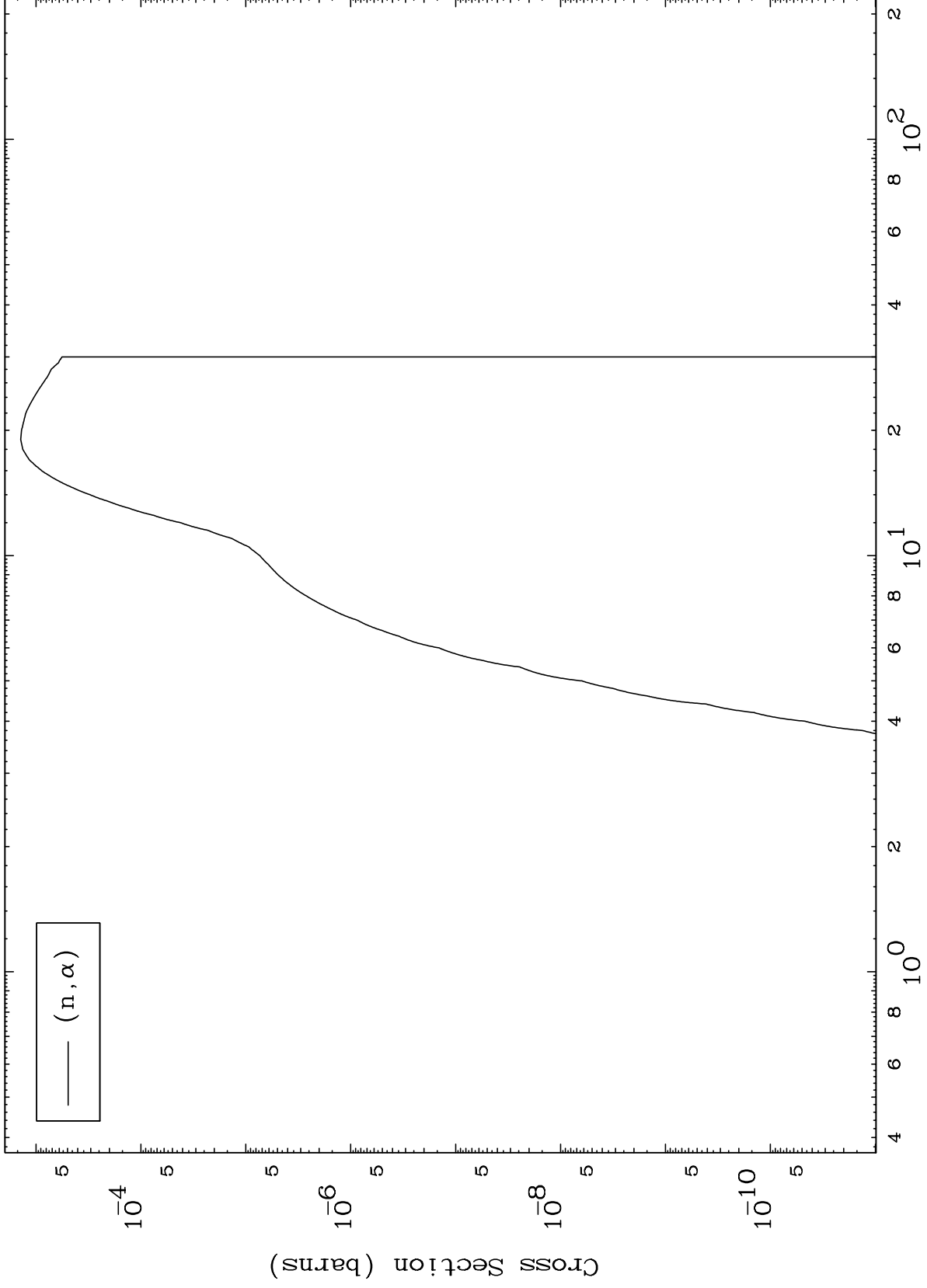
Incident Energy (MeV)

30-Zn-73

MAT 3053

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-73



14

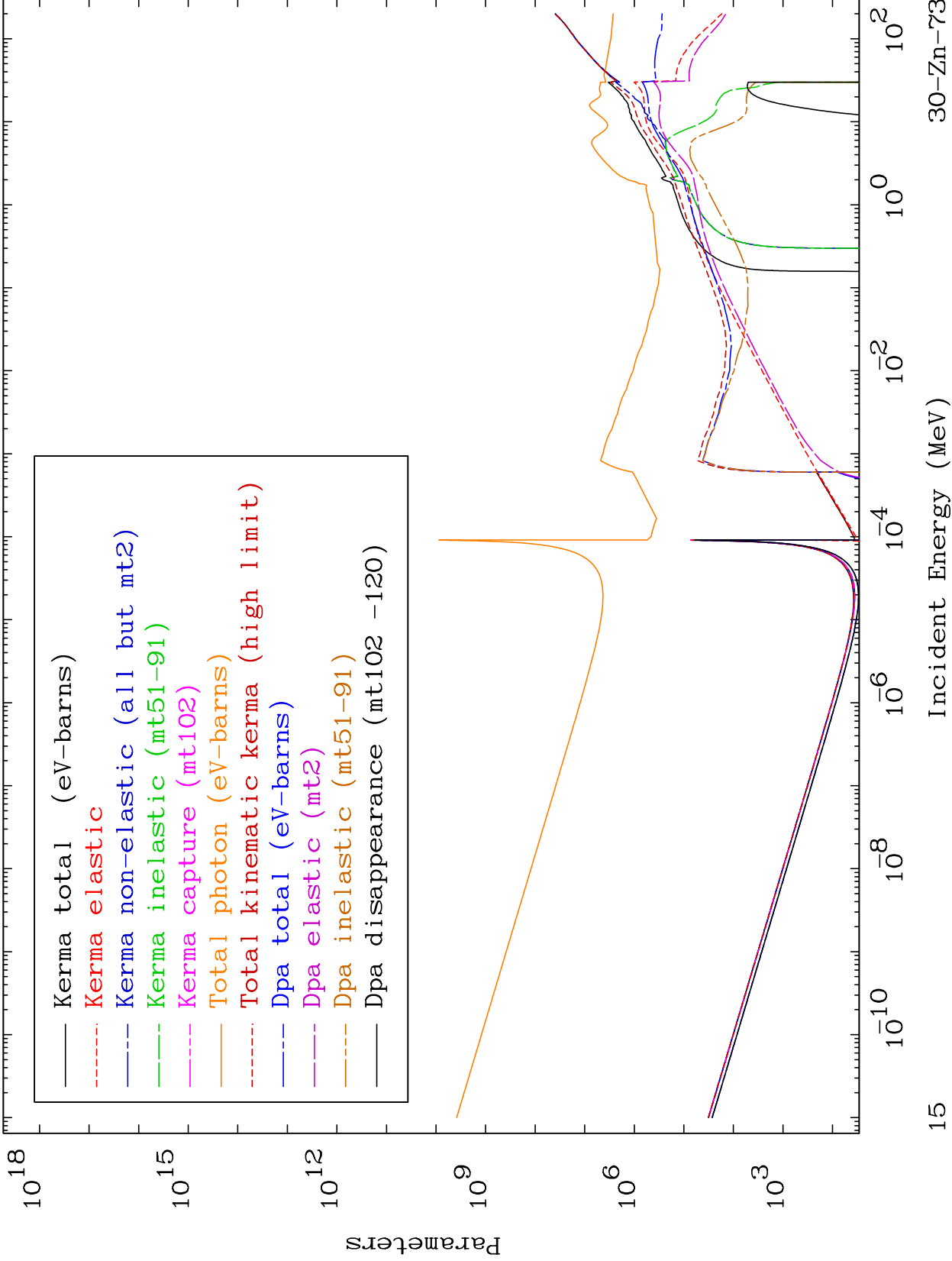
Incident Energy (MeV)

30-Zn-73

MAT 3053

Energy Release
Parameters

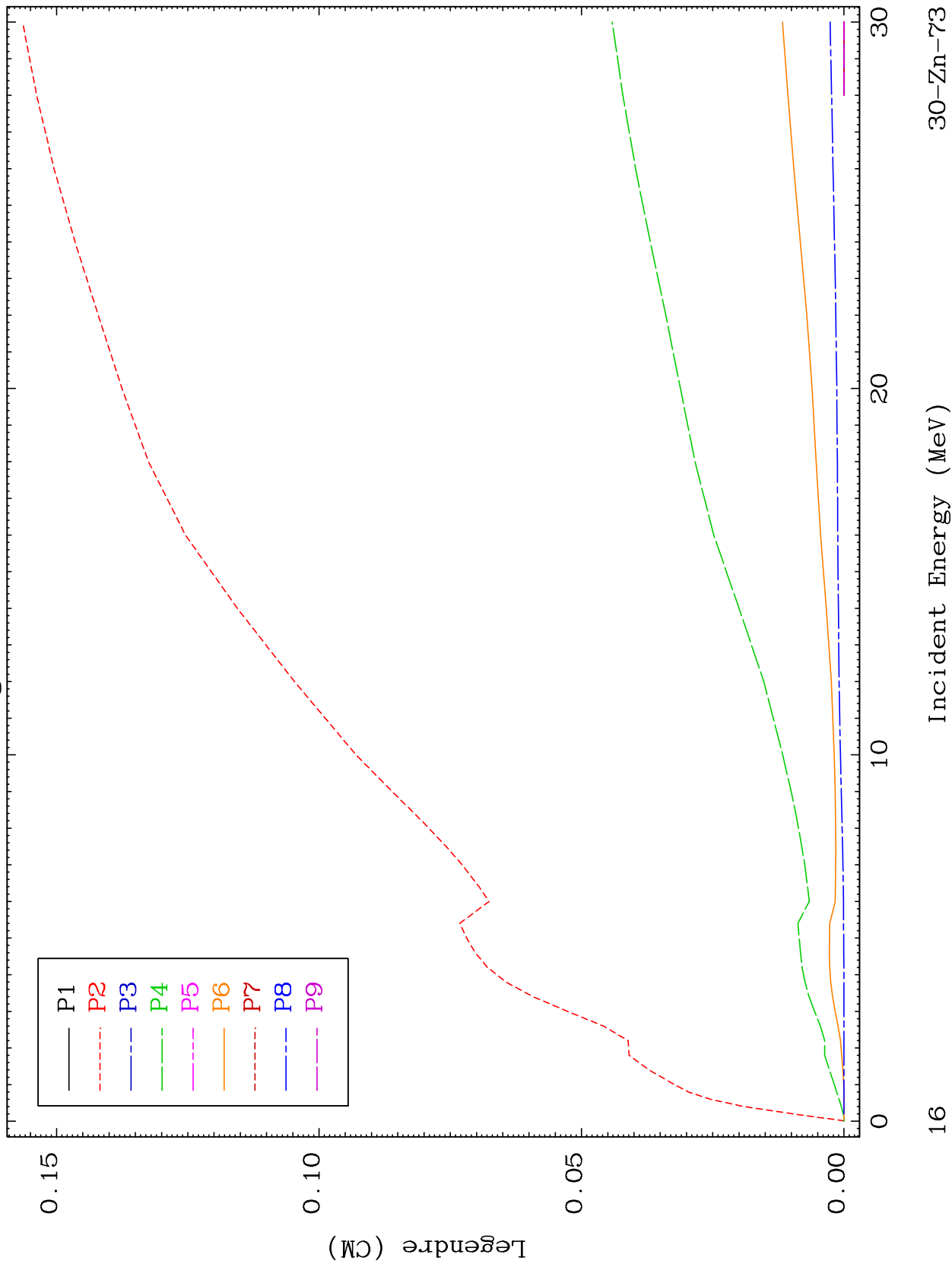
30-Zn-73



MAT 3053

Elastic Legendre Coefficients

30-Zn-73



16

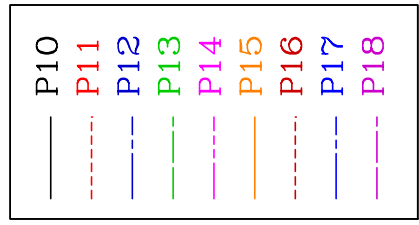
Incident Energy (MeV)

30-Zn-73

MAT 3053

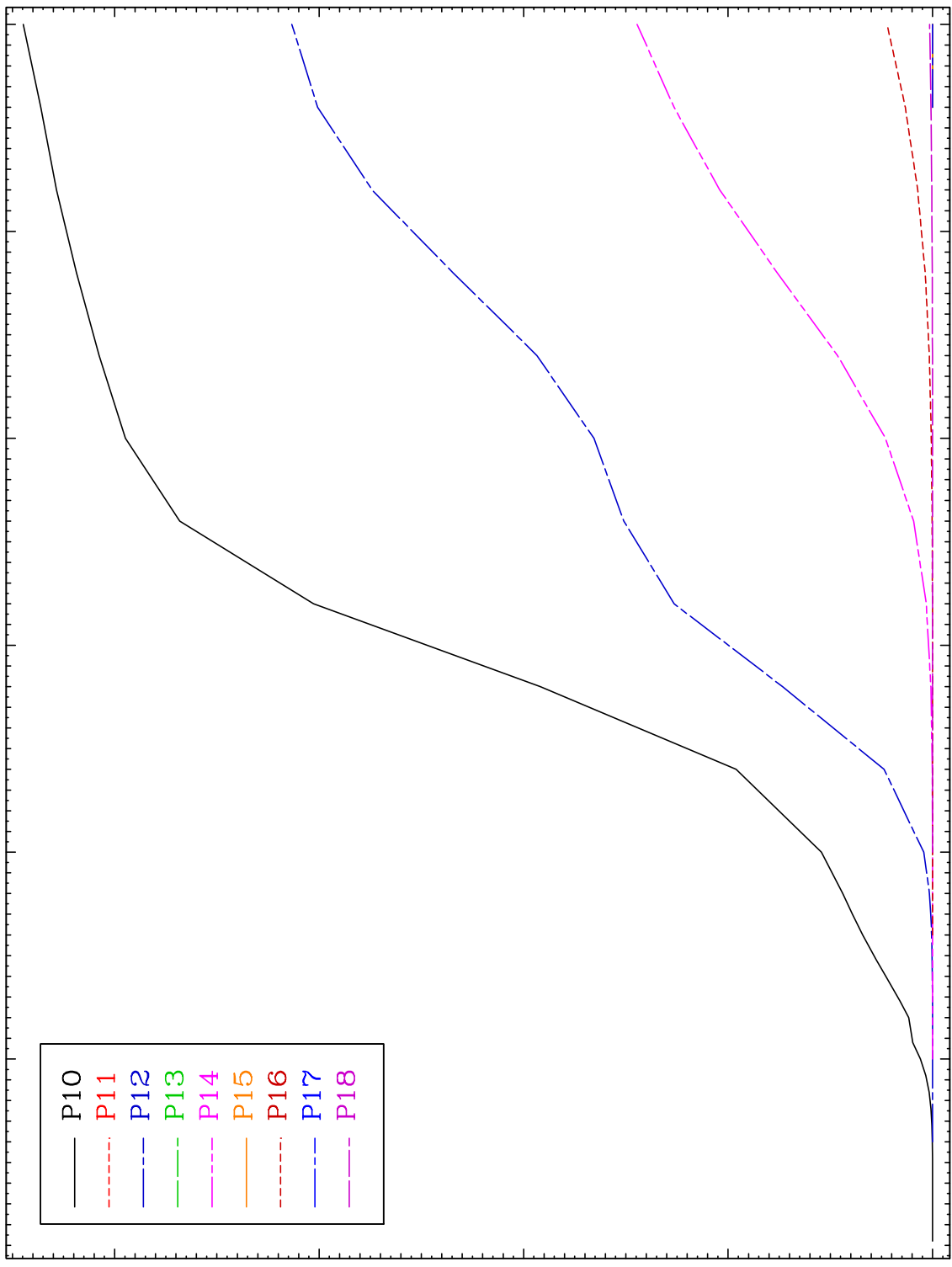
Elastic Legendre Coefficients

30-Zn-73



$\times 10^{-4}$

Legendre (CM)



17

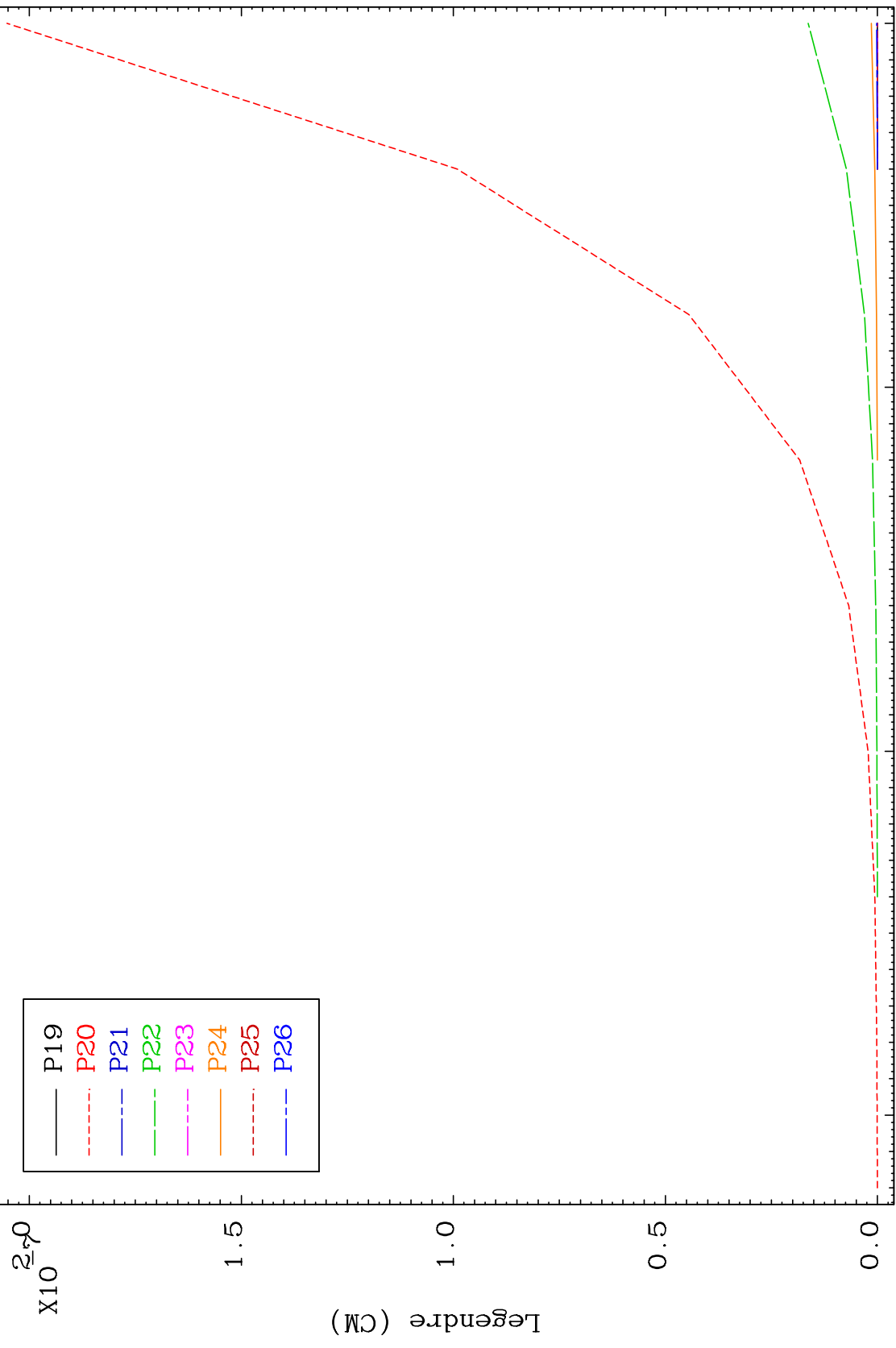
Incident Energy (MeV)

30-Zn-73

MAT 3053

Elastic Legendre Coefficients

30-Zn-73



18

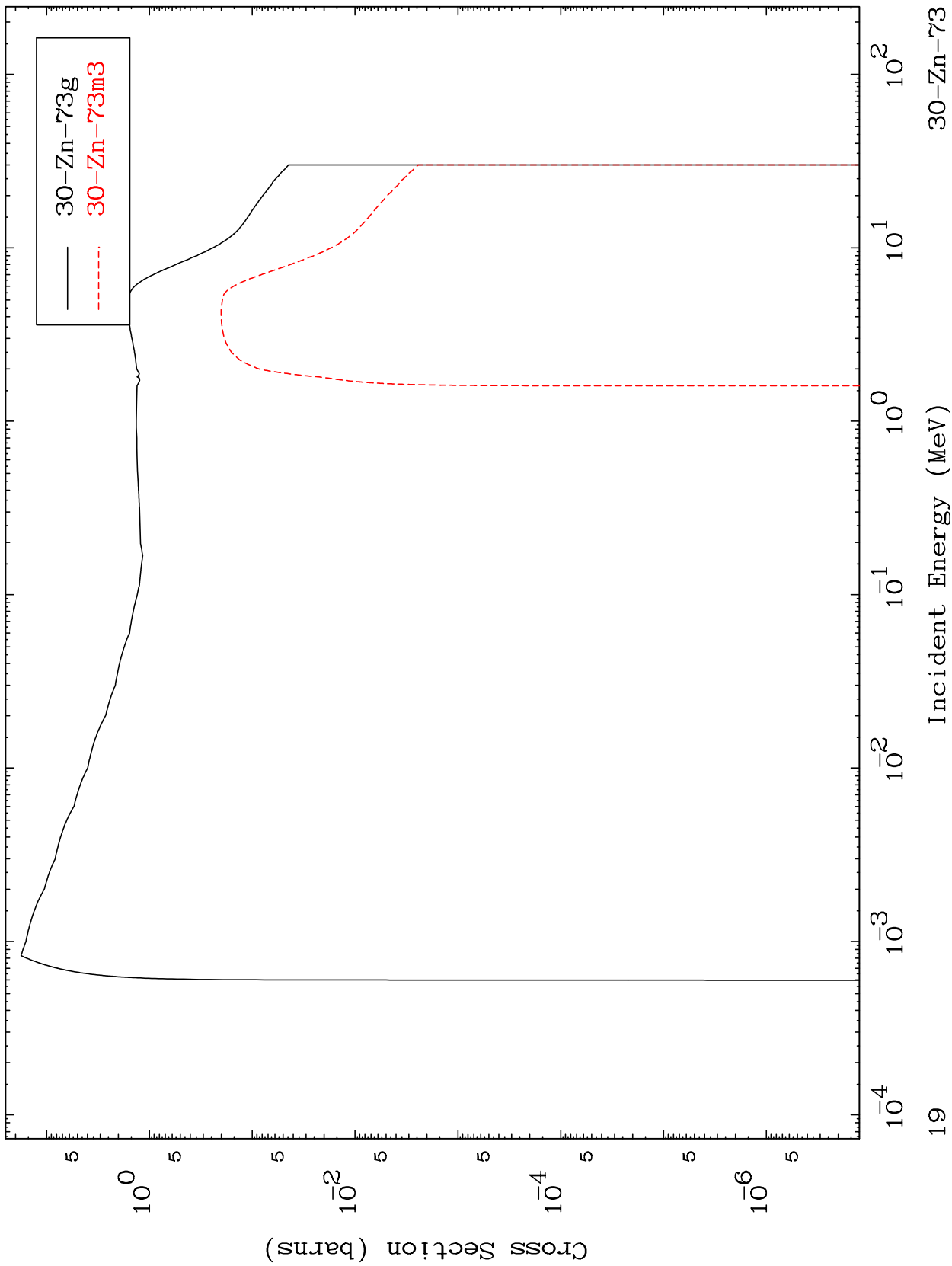
Incident Energy (MeV)

30-Zn-73

MAT 3053

30-Zn-73

Inelastic
Radionuclide Production Cross Section



19

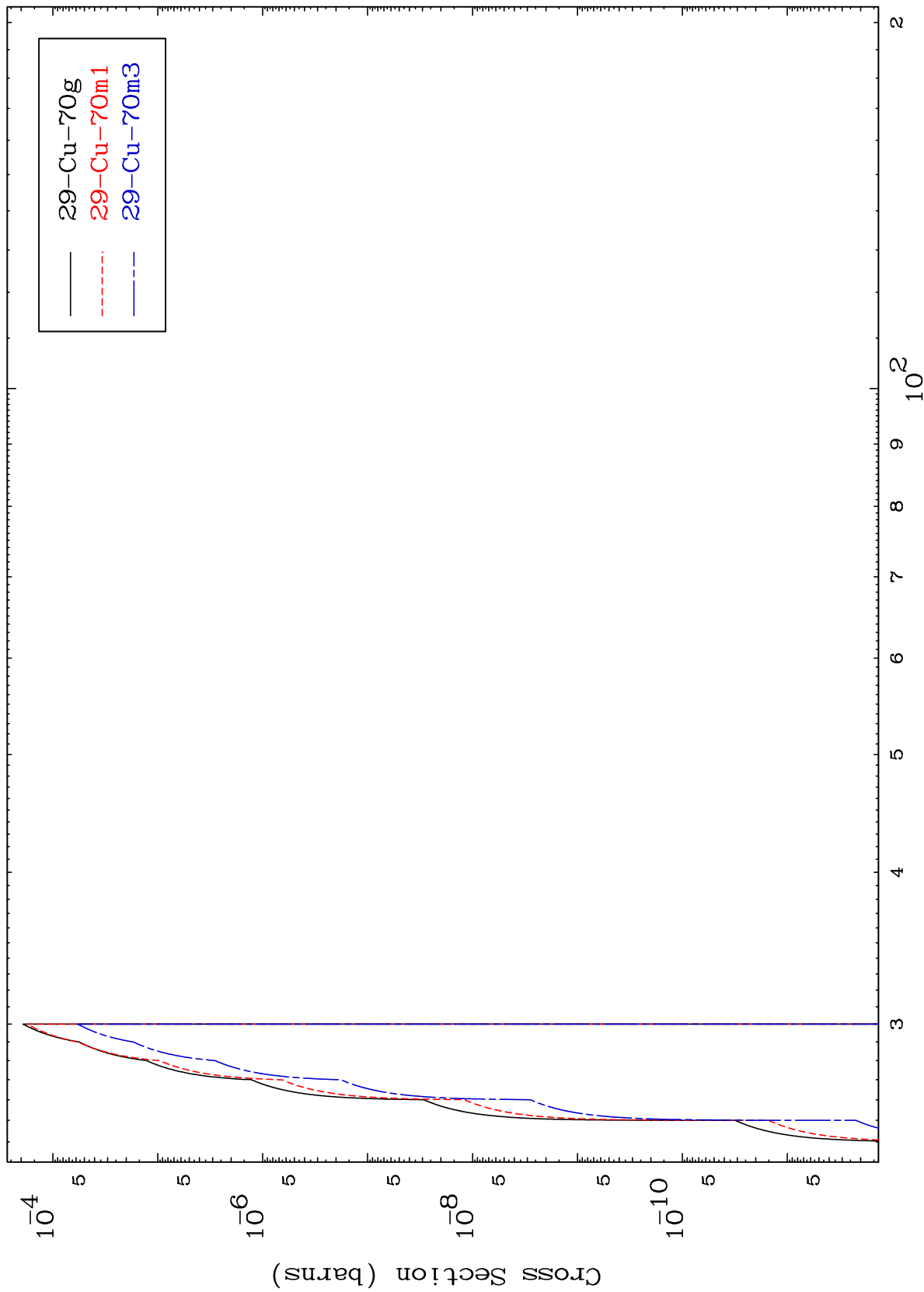
30-Zn-73

MAT 3053

(n,2n) d

30-Zn-73

Radionuclide Production Cross Section



20

Incident Energy (MeV)

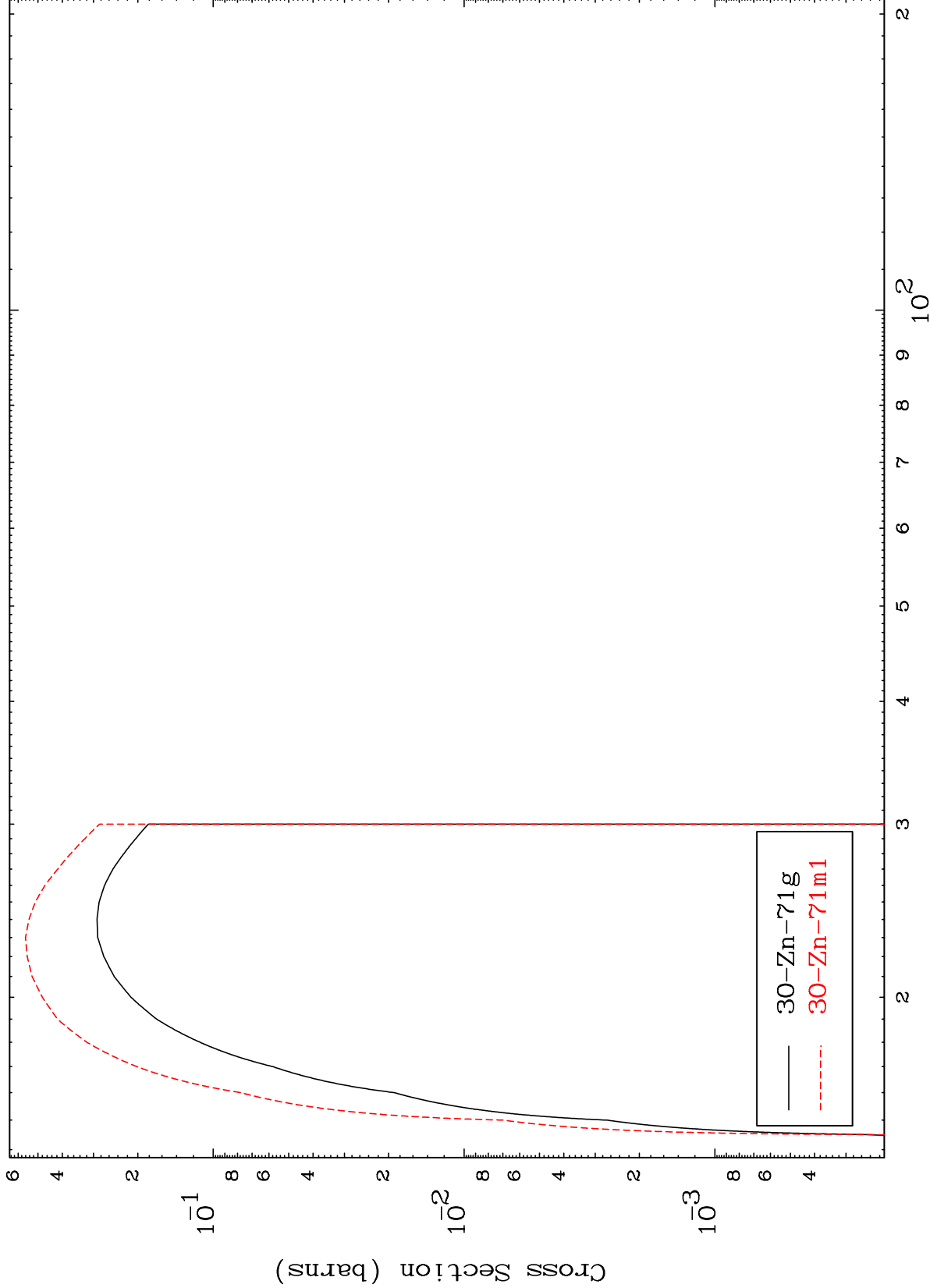
30-Zn-73

MAT 3053

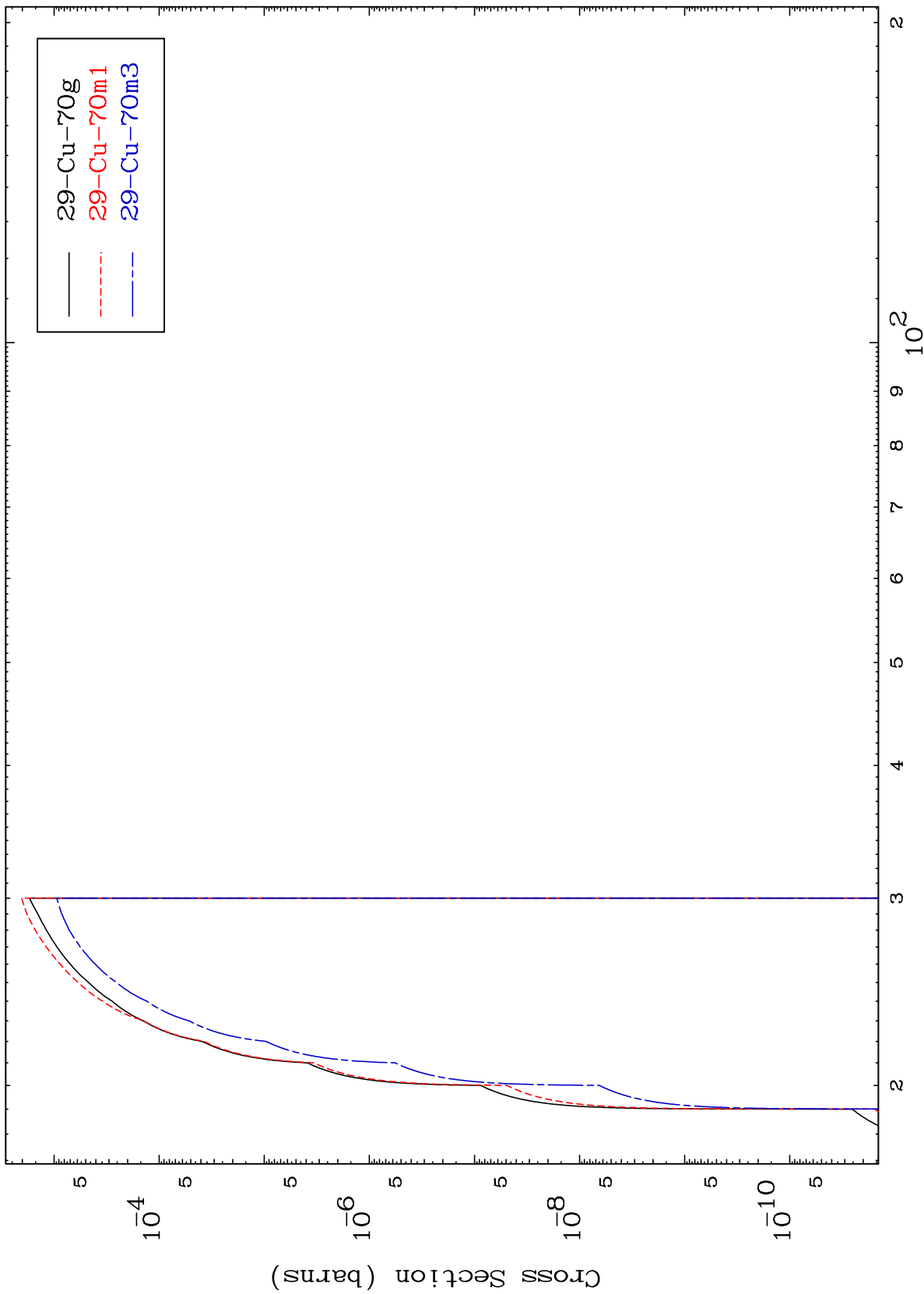
(n,3n)

30-Zn-73

Radionuclide Production Cross Section



Radionuclide Production Cross Section

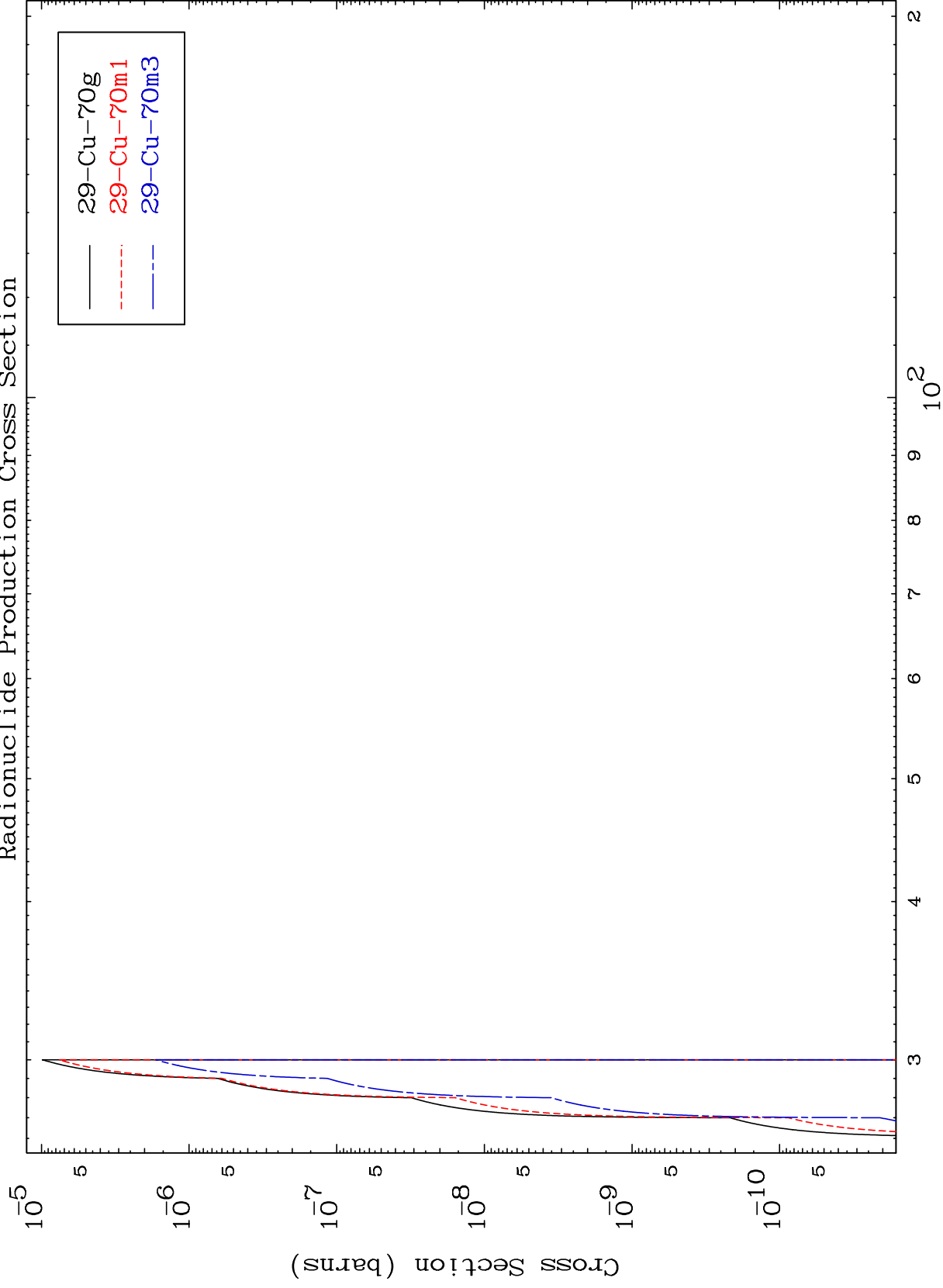


MAT 3053

(n,3n) p

³⁰Zn-73

Radionuclide Production Cross Section



23

Incident Energy (MeV)

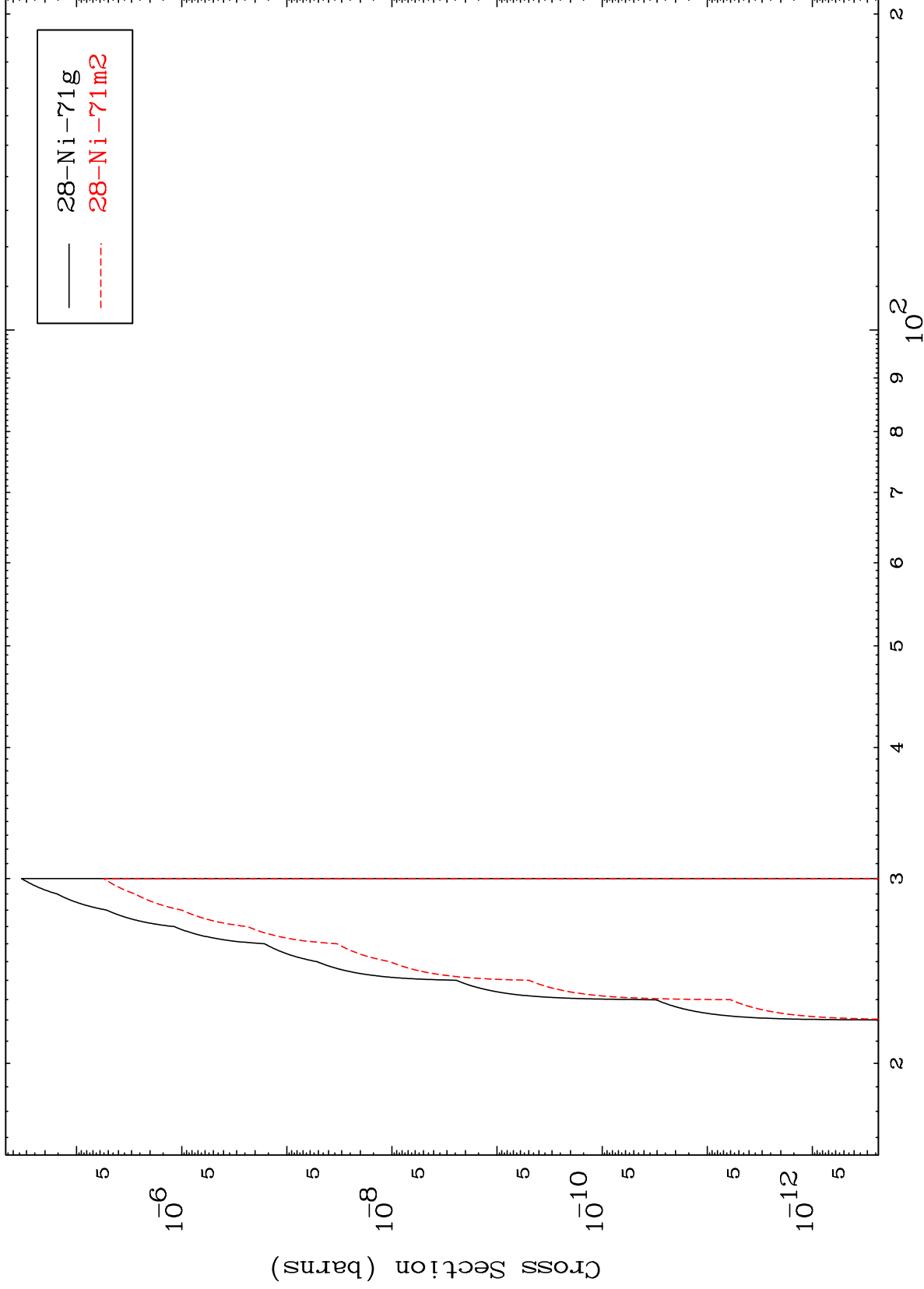
³⁰Zn-73

MAT 3053

(n,He-3)

30-Zn-73

Radionuclide Production Cross Section



24

Incident Energy (MeV)

30-Zn-73