

Program EVALPLOT
(Version 2017-1)

by

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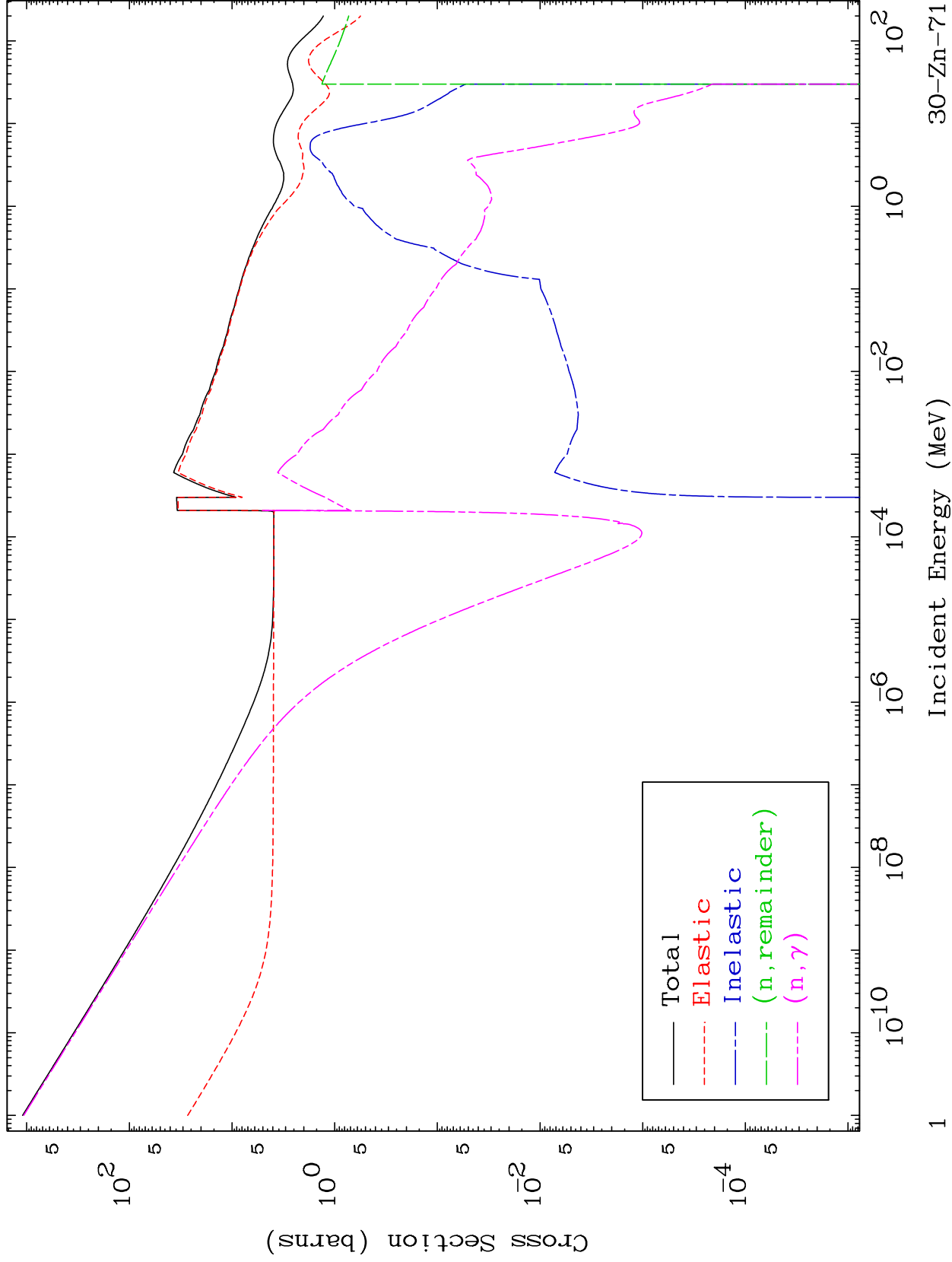
Press Mouse Button to Start

MAT 3047

Major

293 Kelvin Cross Sections

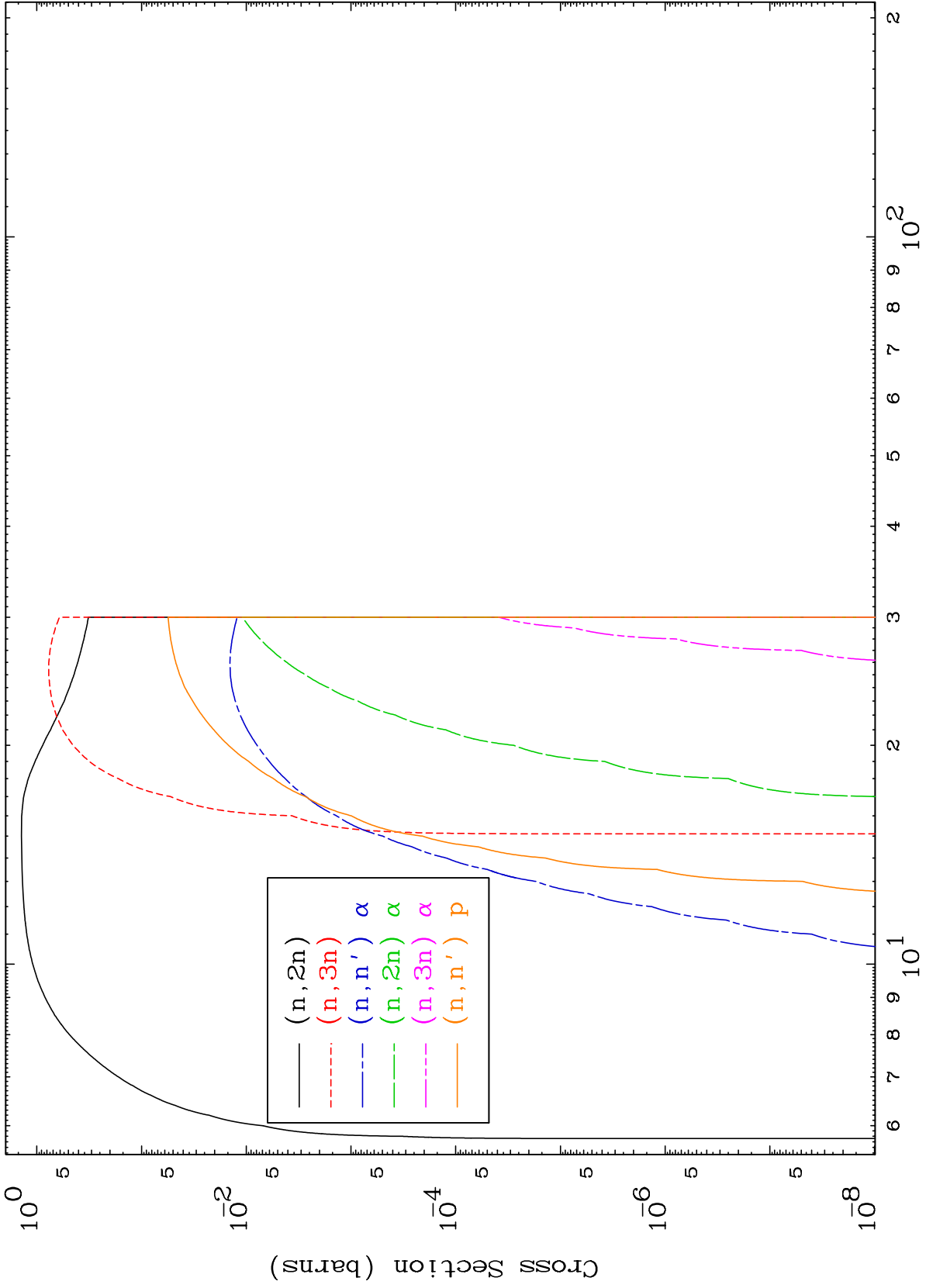
30-Zn-71



MAT 3047

Neutron Production
293 Kelvin Cross Sections

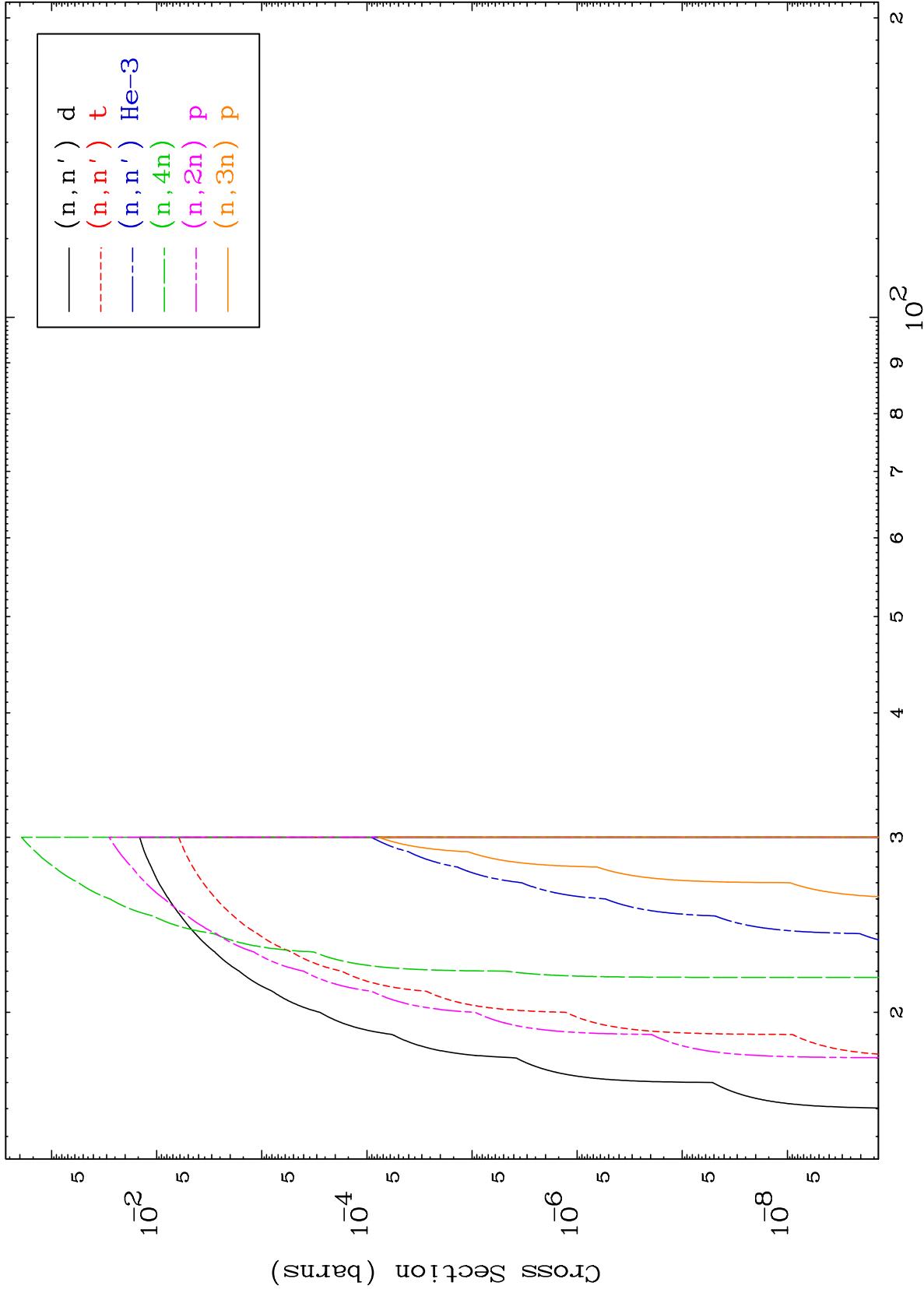
30-Zn-71



2

Incident Energy (MeV)

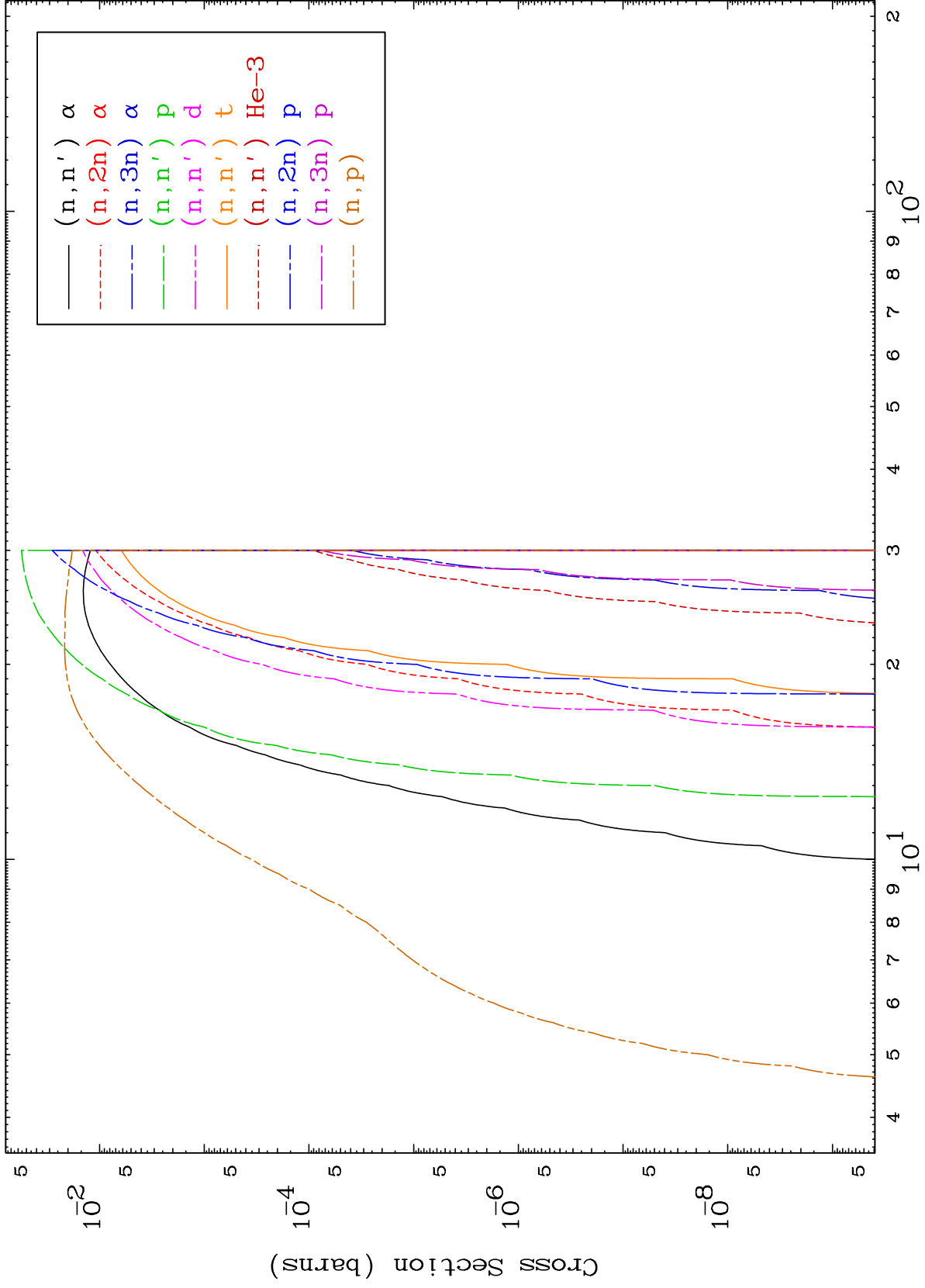
30-Zn-71



MAT 3047

Charged Particle
293 Kelvin Cross Sections

30-Zn-71



4

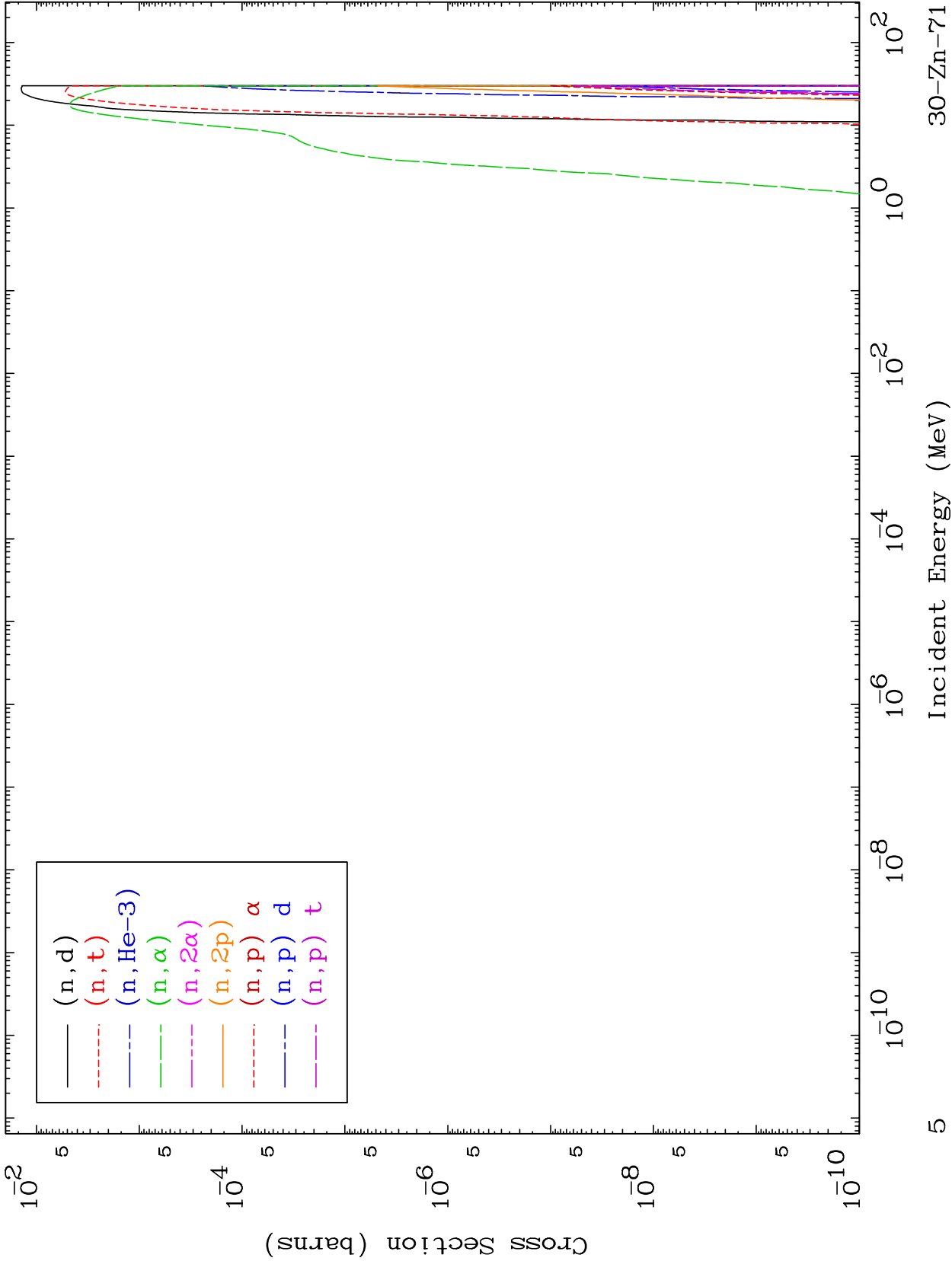
Incident Energy (MeV)

30-Zn-71

MAT 3047

Charged Particle
293 Kelvin Cross Sections

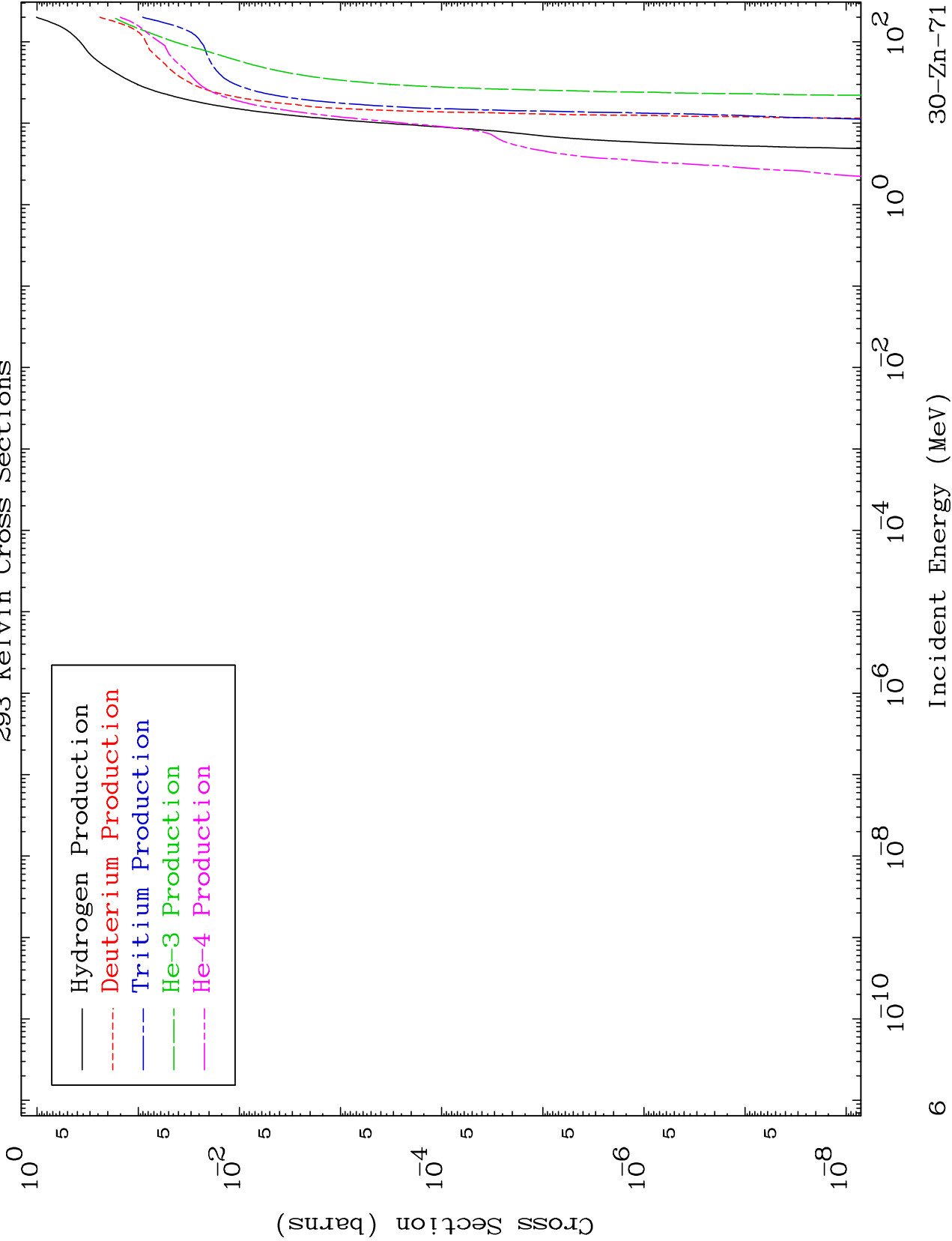
30-Zn-71



MAT 3047

Particle Production
293 Kelvin Cross Sections

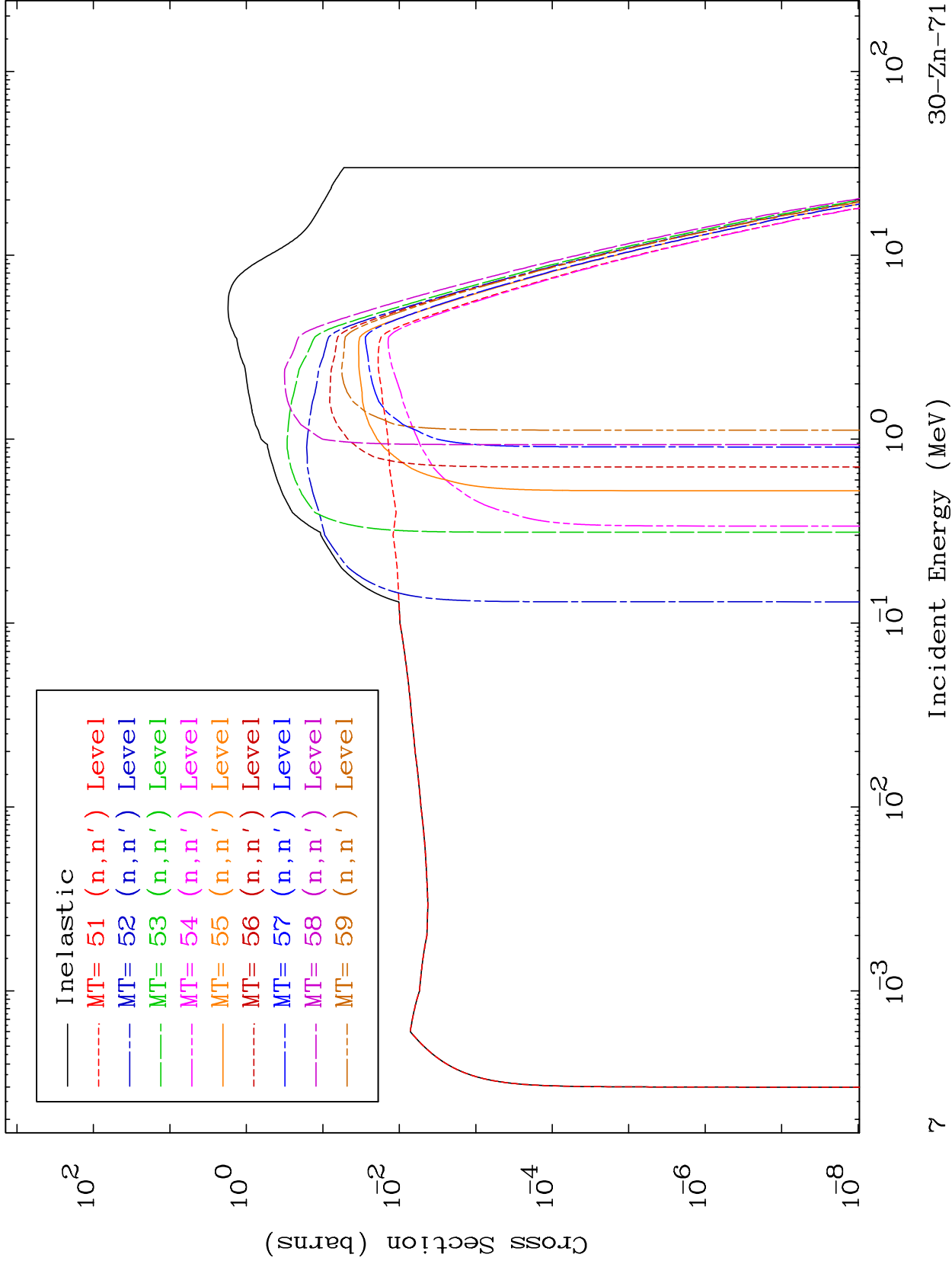
30-Zn-71



MAT 3047

(n,n') Level
293 Kelvin Cross Sections

30-Zn-71

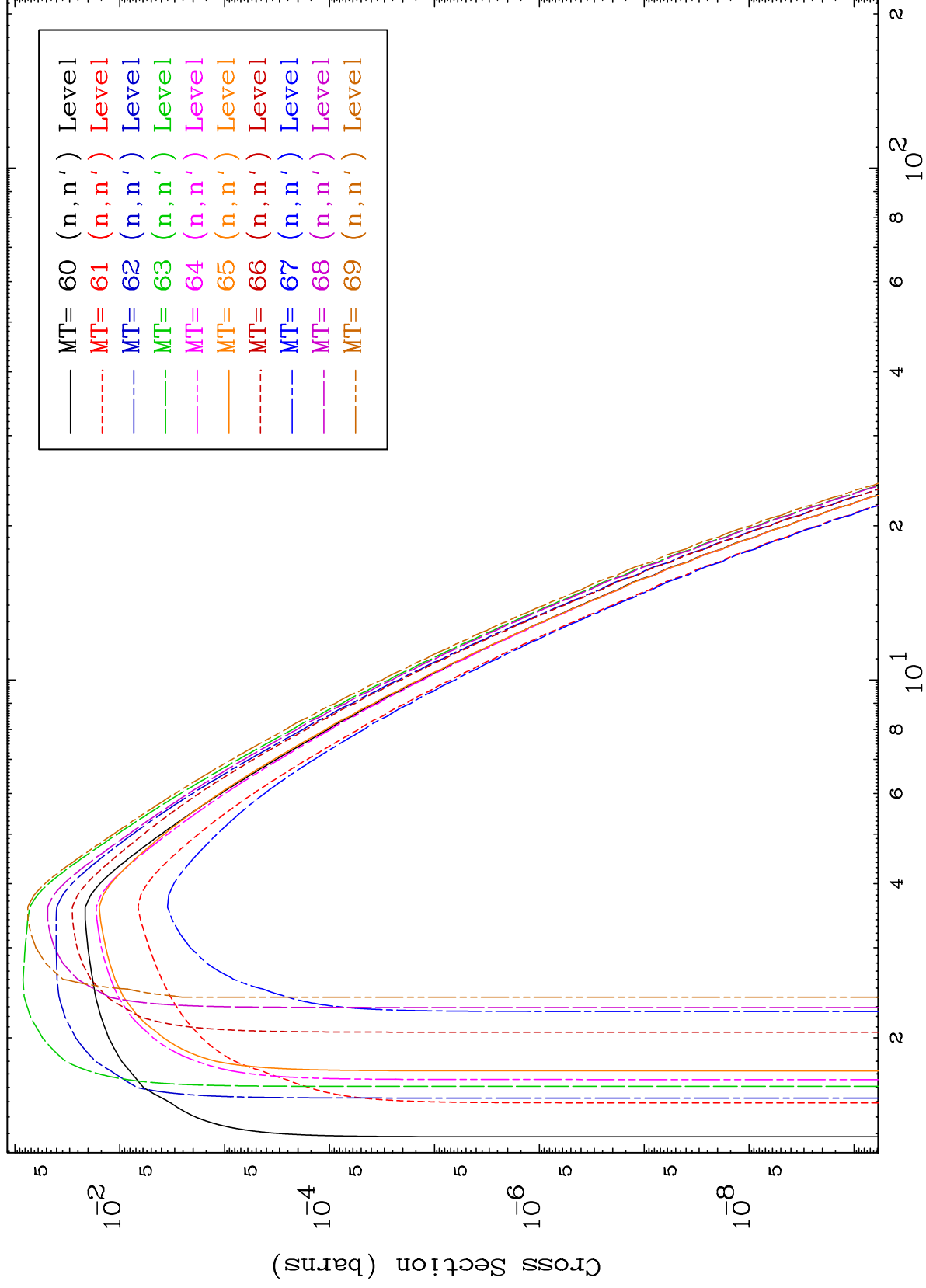


MAT 3047

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



8

Incident Energy (MeV)

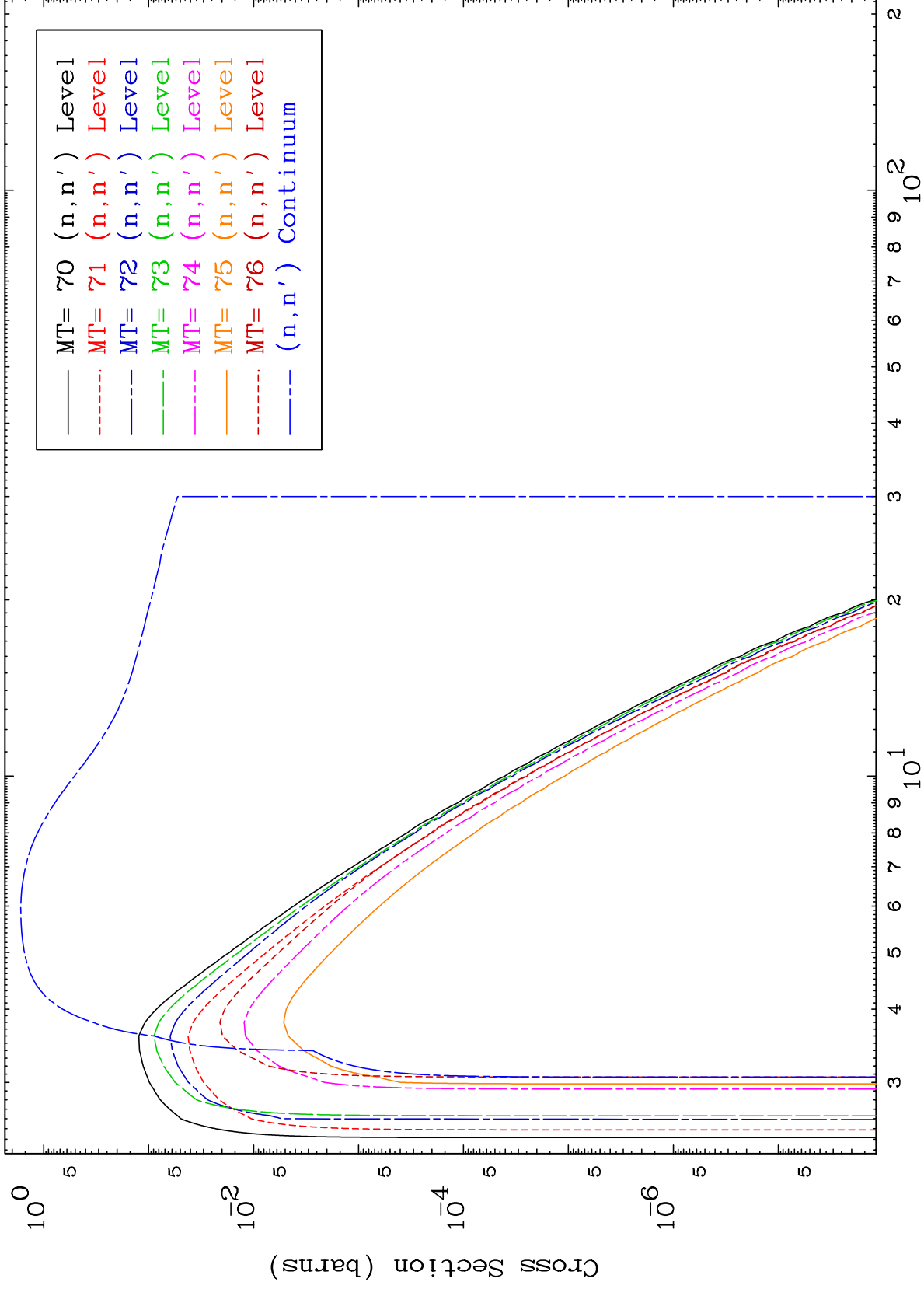
30-Zn-71

MAT 3047

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



9

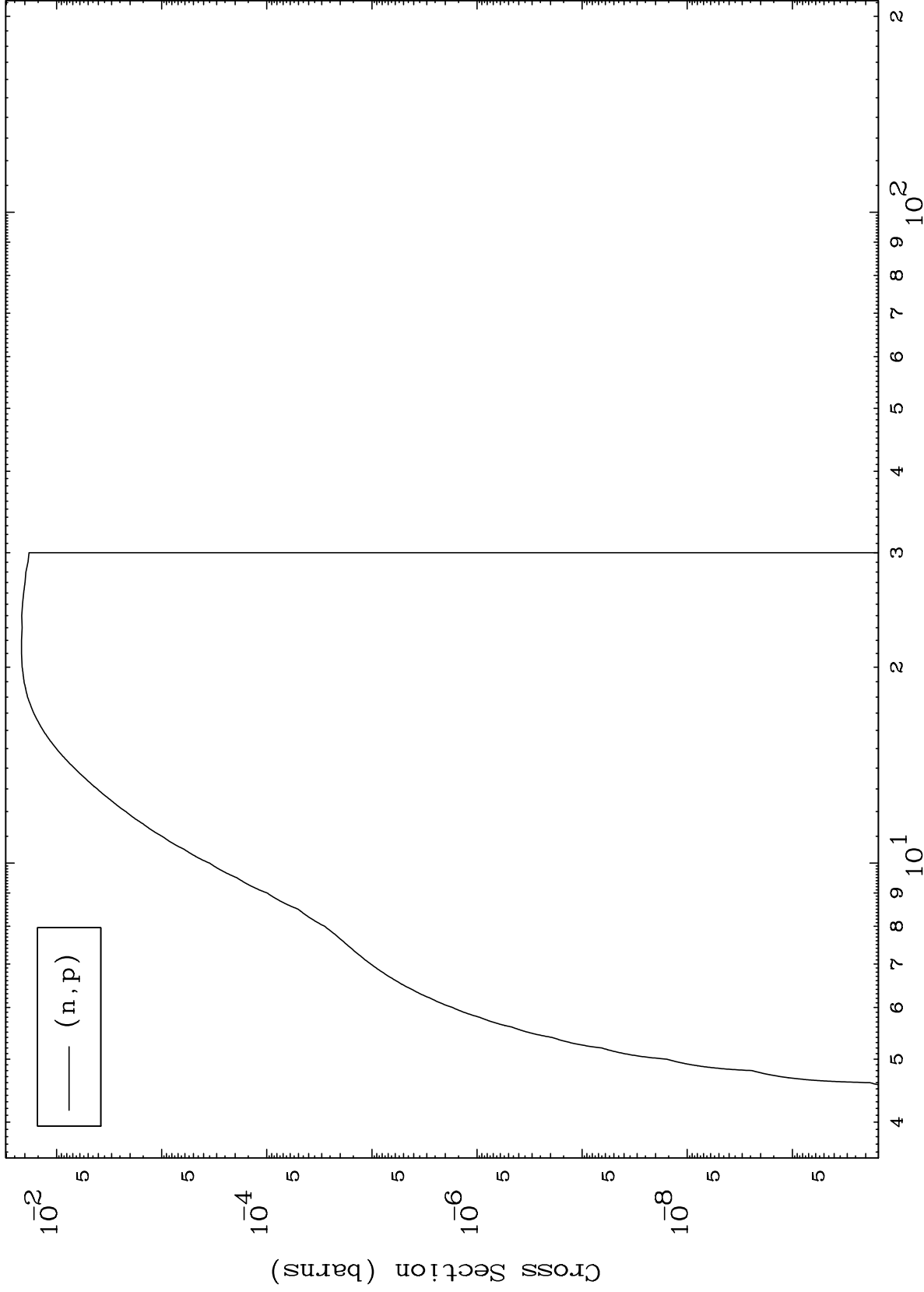
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-71



10

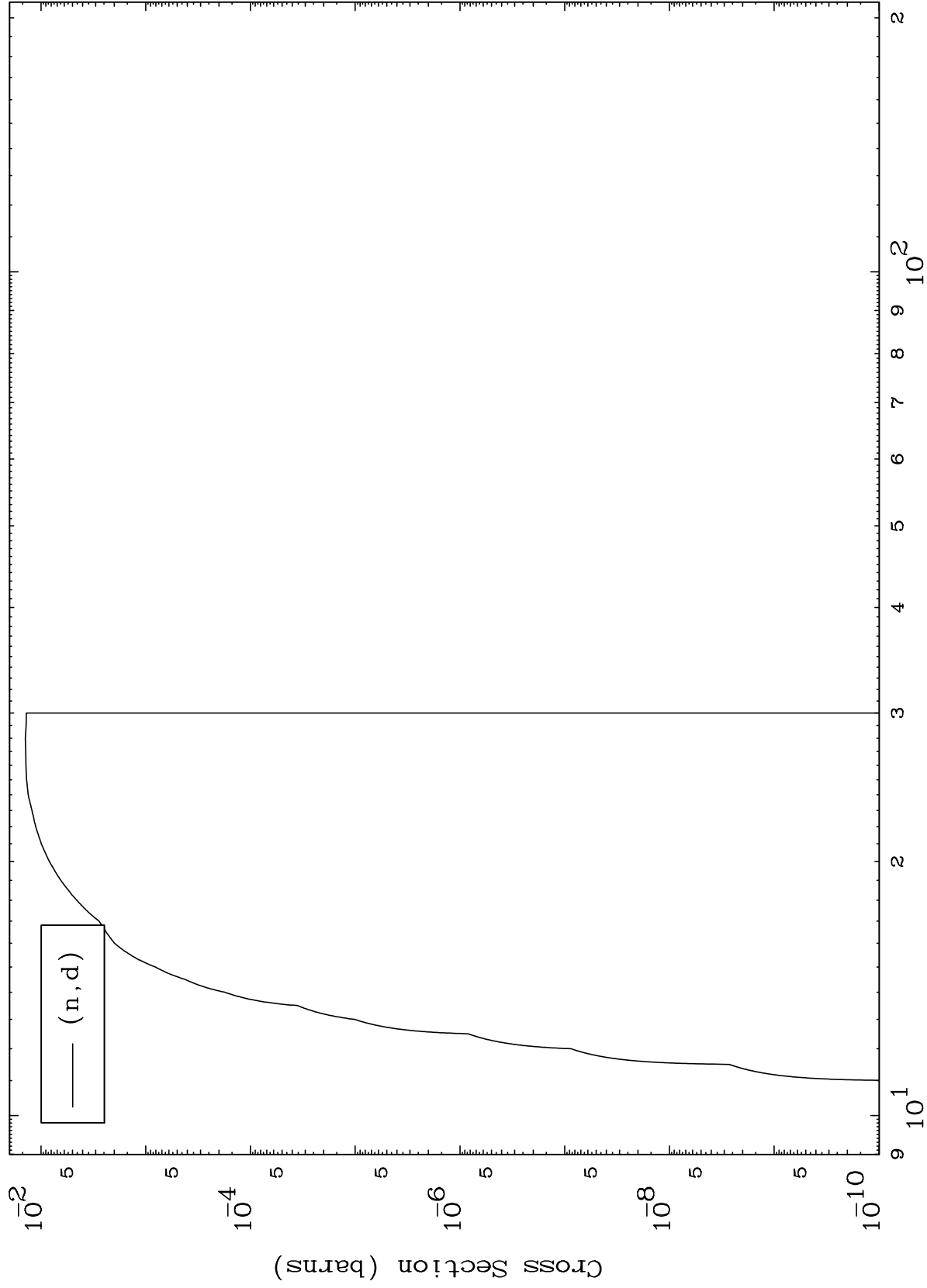
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-71



11

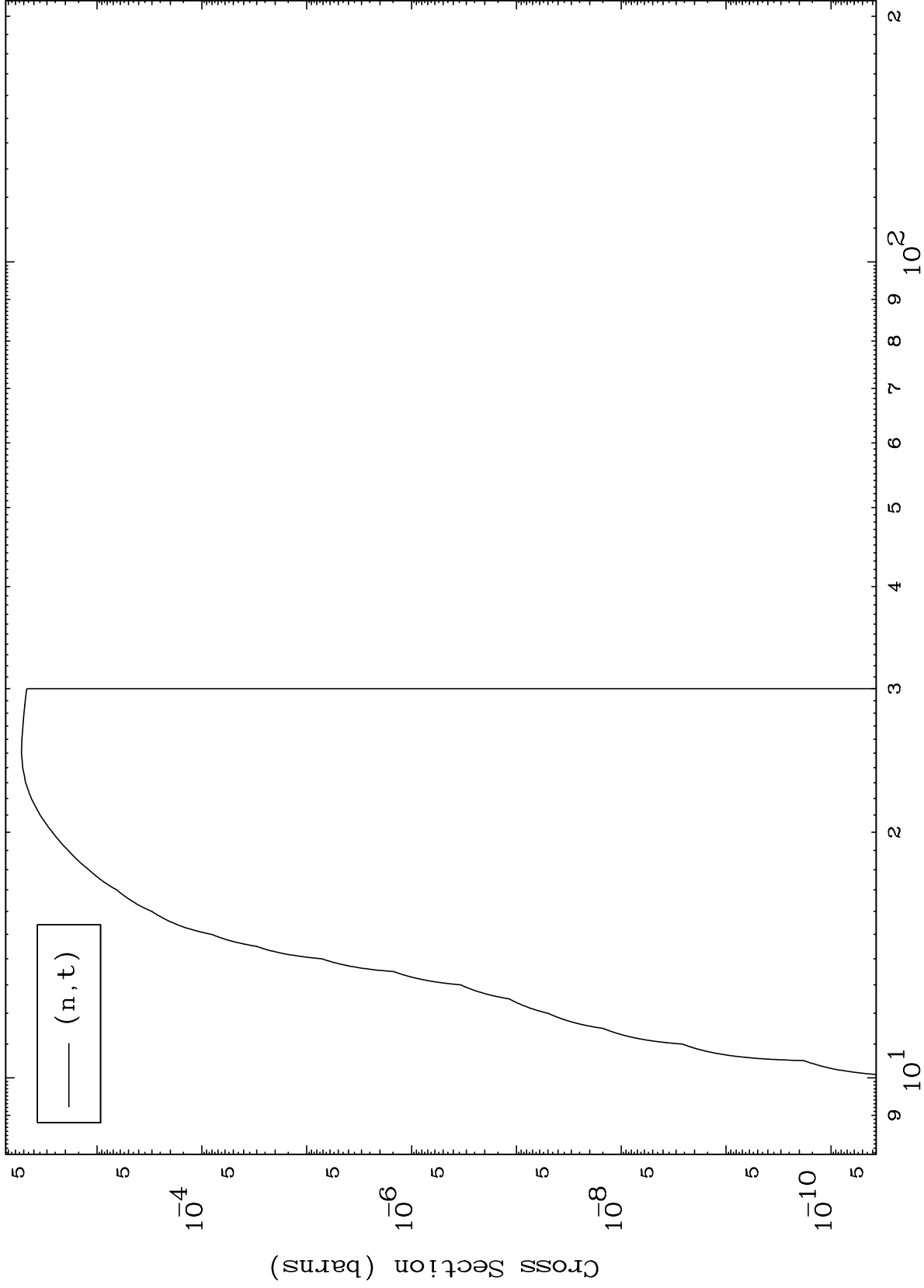
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-71



12

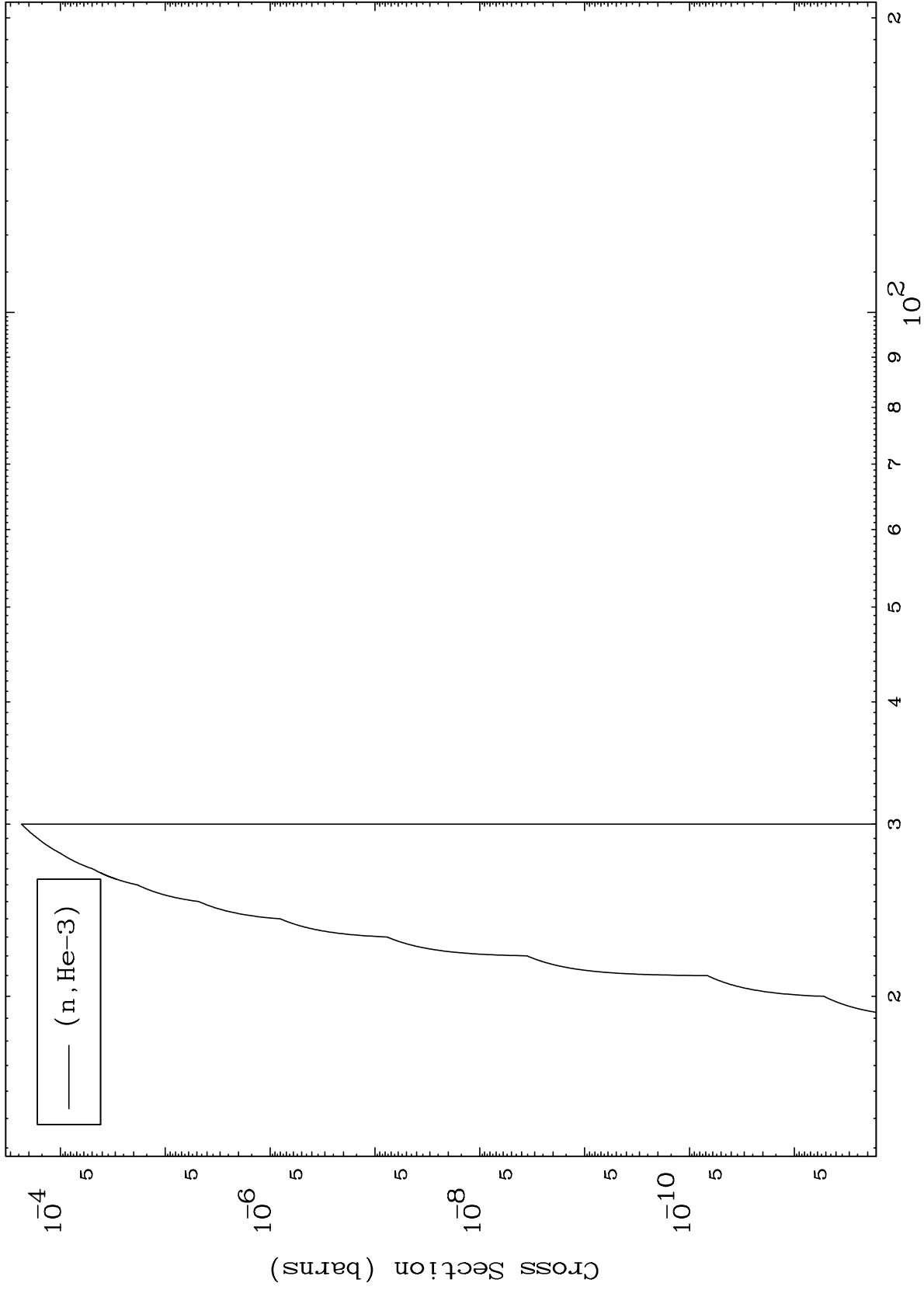
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-71



13

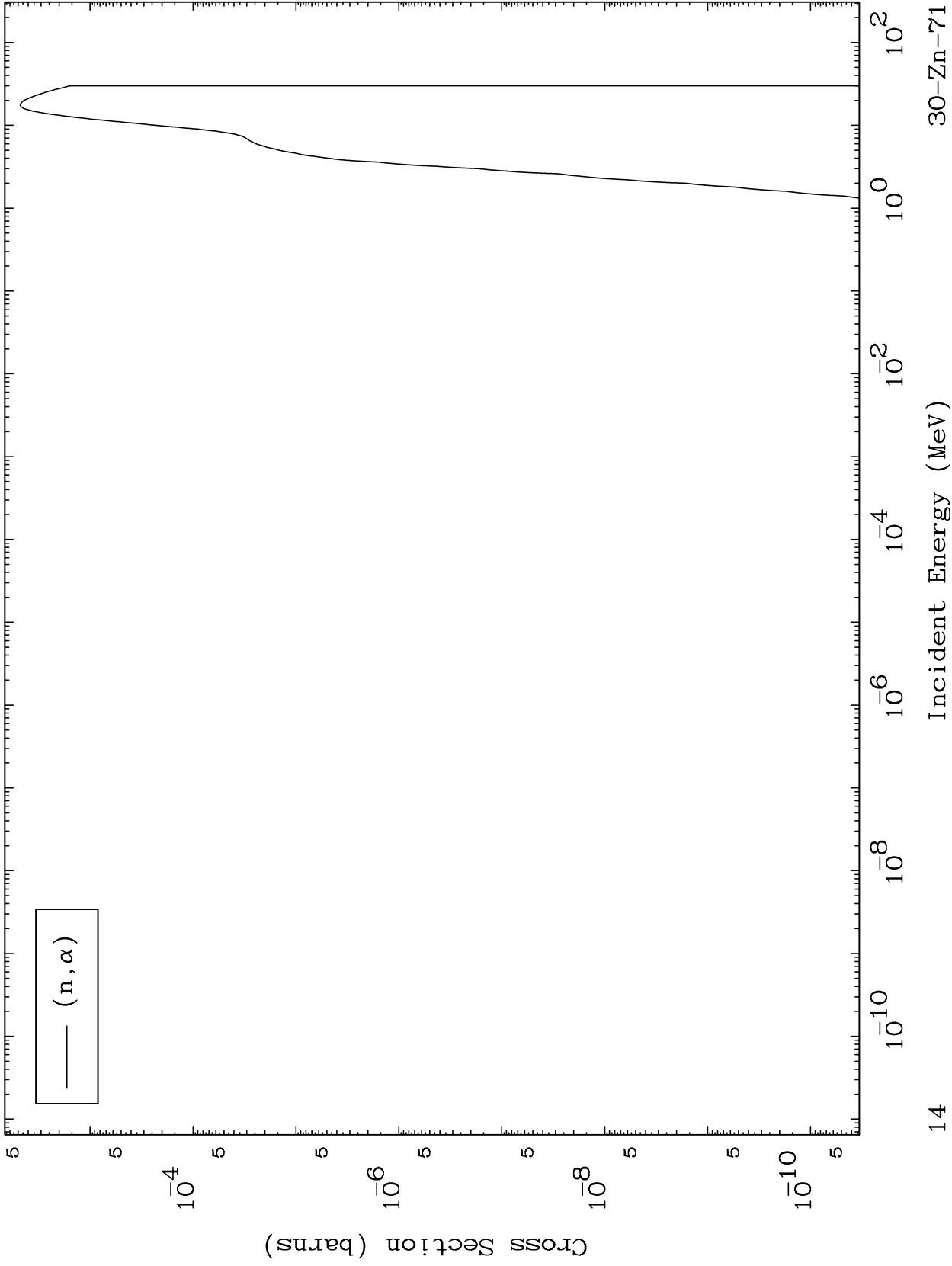
Incident Energy (MeV)

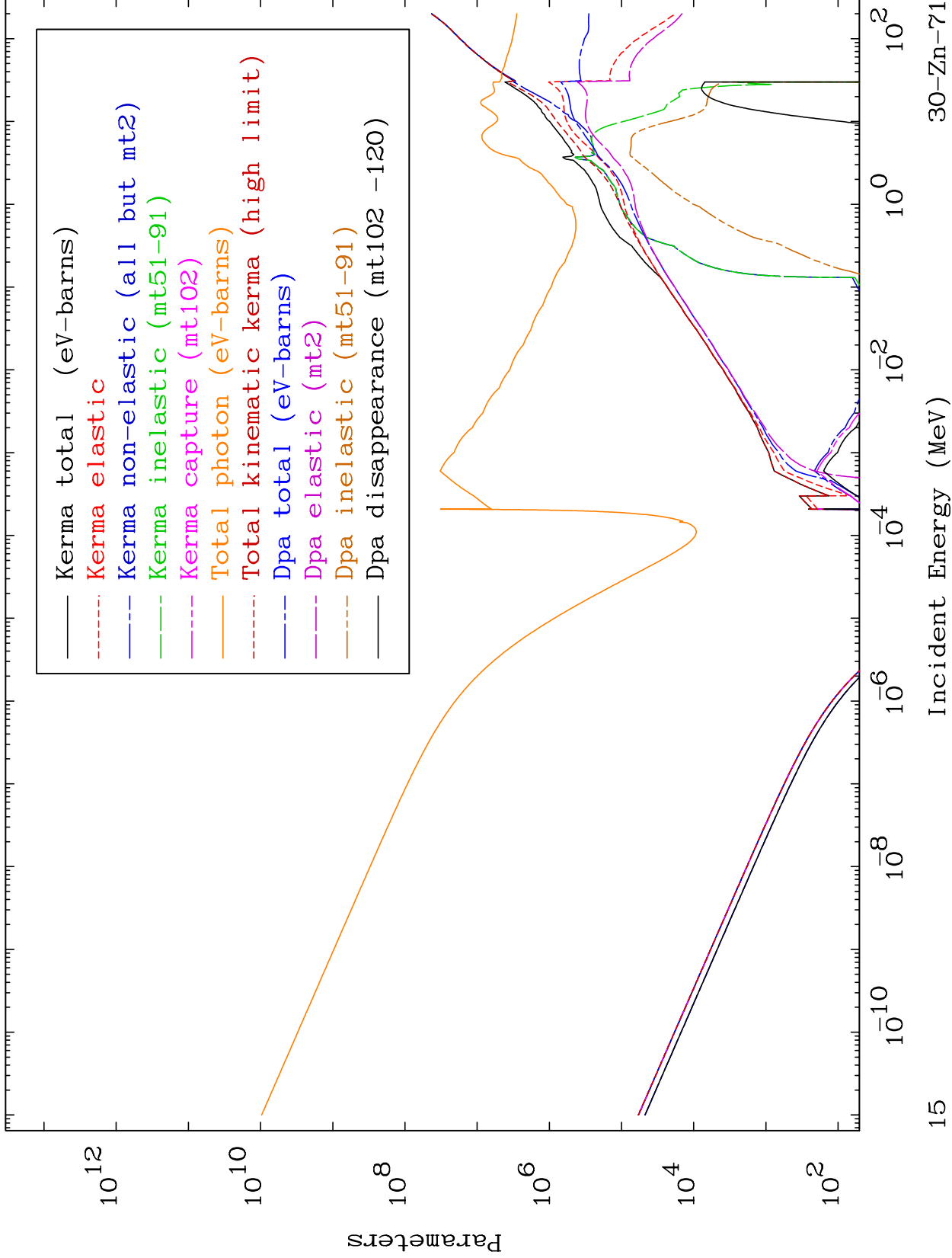
30-Zn-71

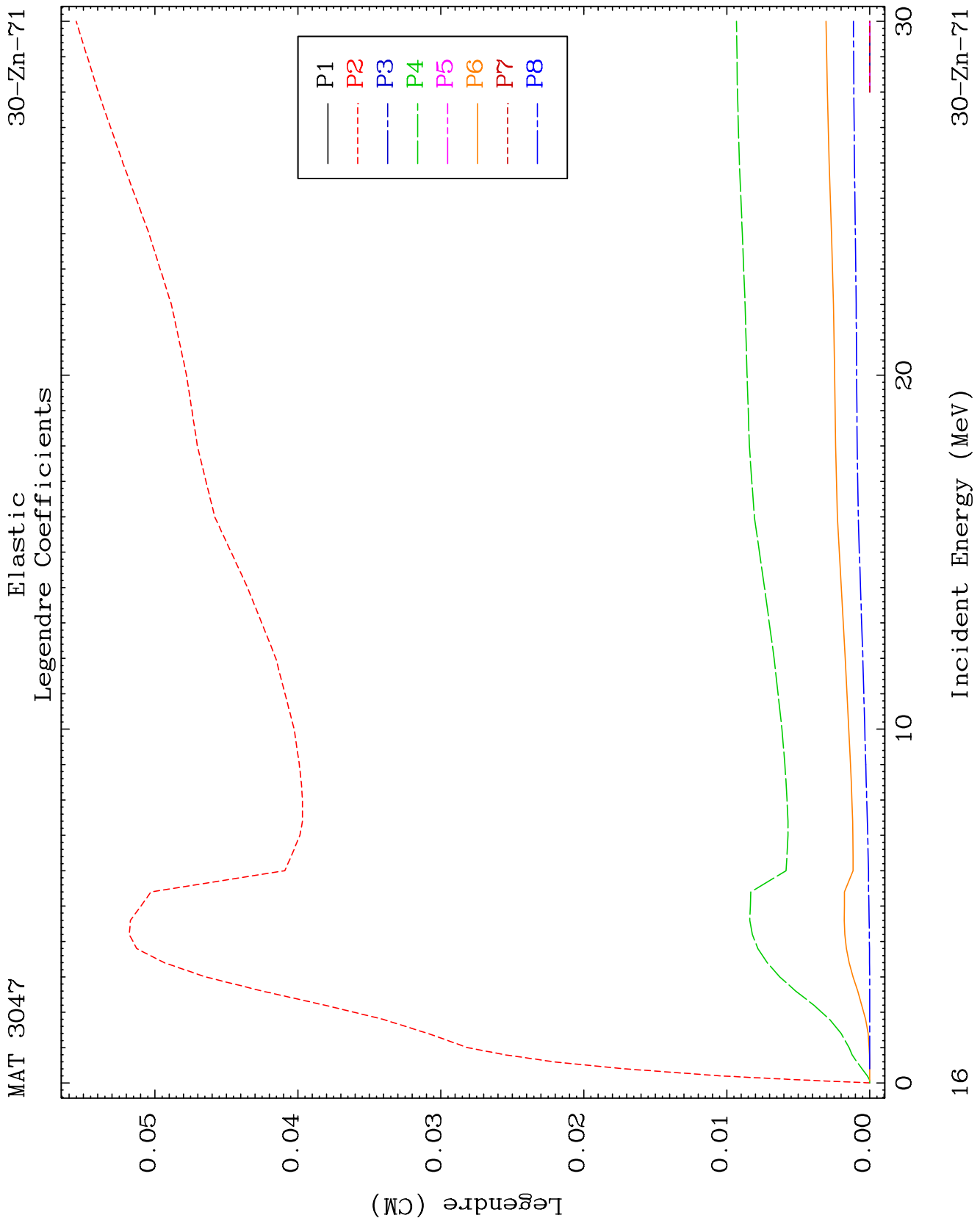
MAT 3047

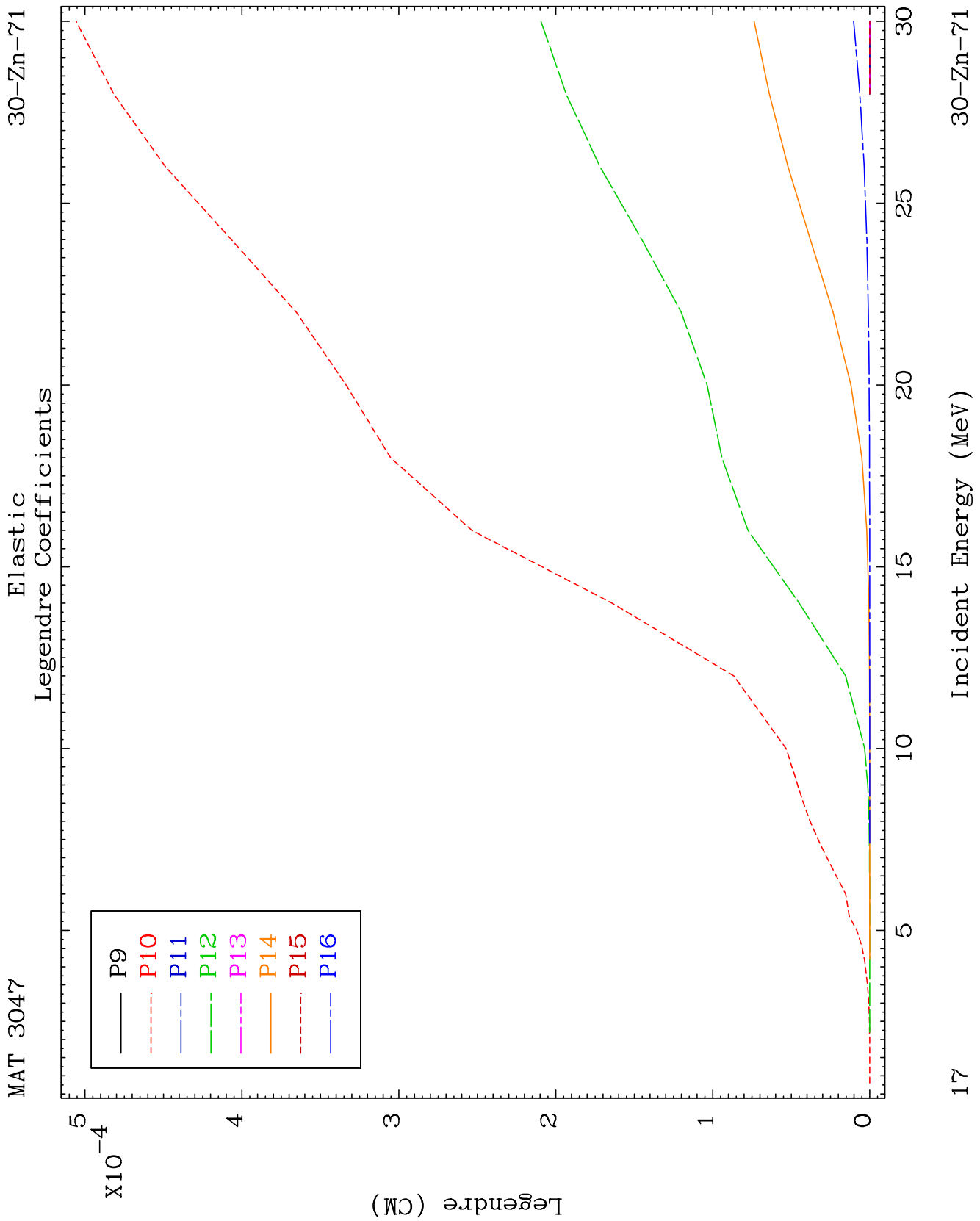
(n, α) Levels
293 Kelvin Cross Sections

30-Zn-71





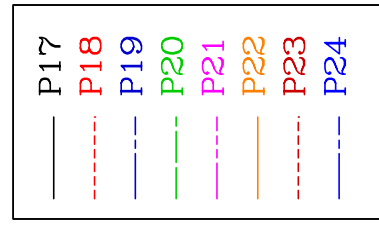




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Elastic
Legendre Coefficients

30-Zn-71



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

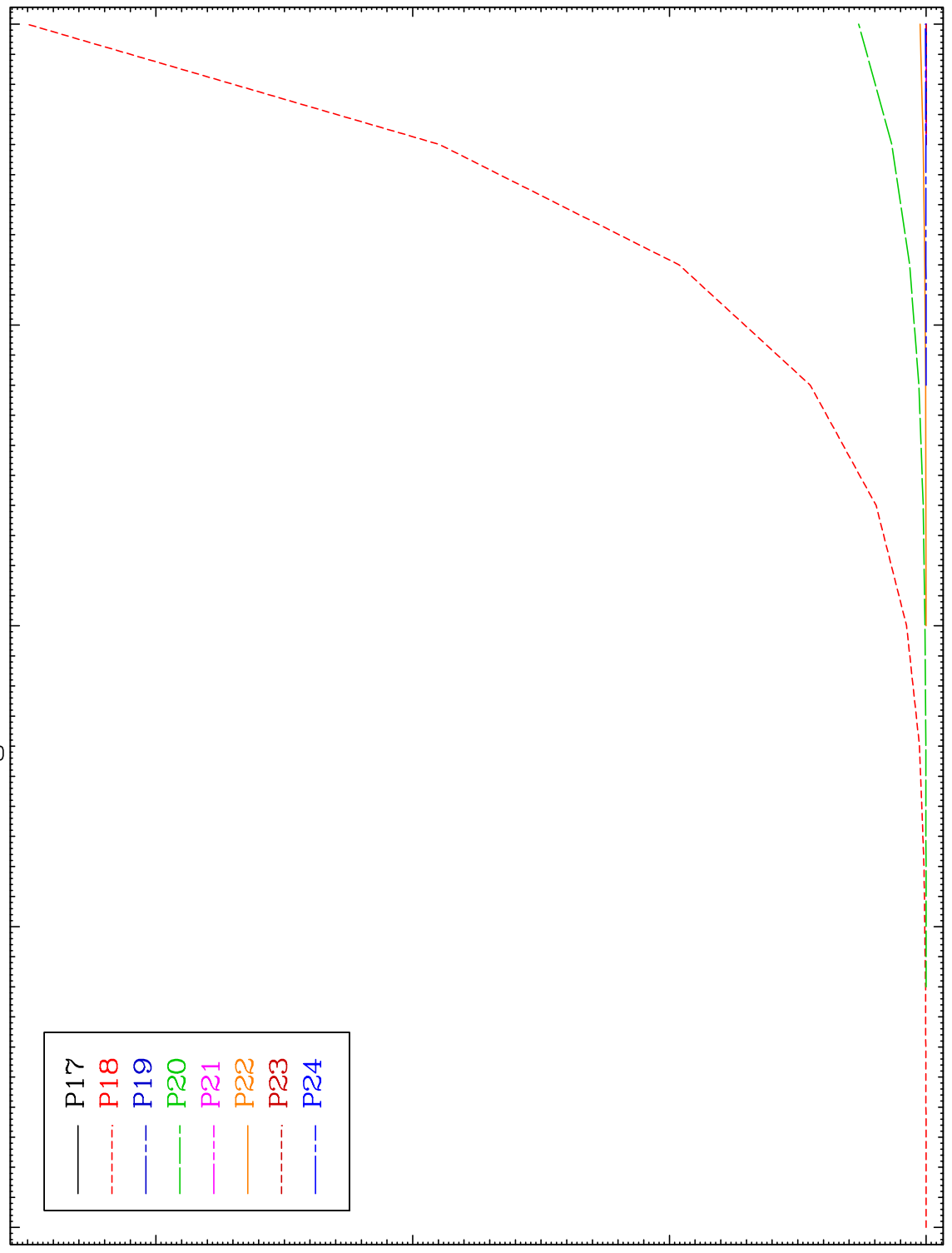
25

30

18

Incident Energy (MeV)

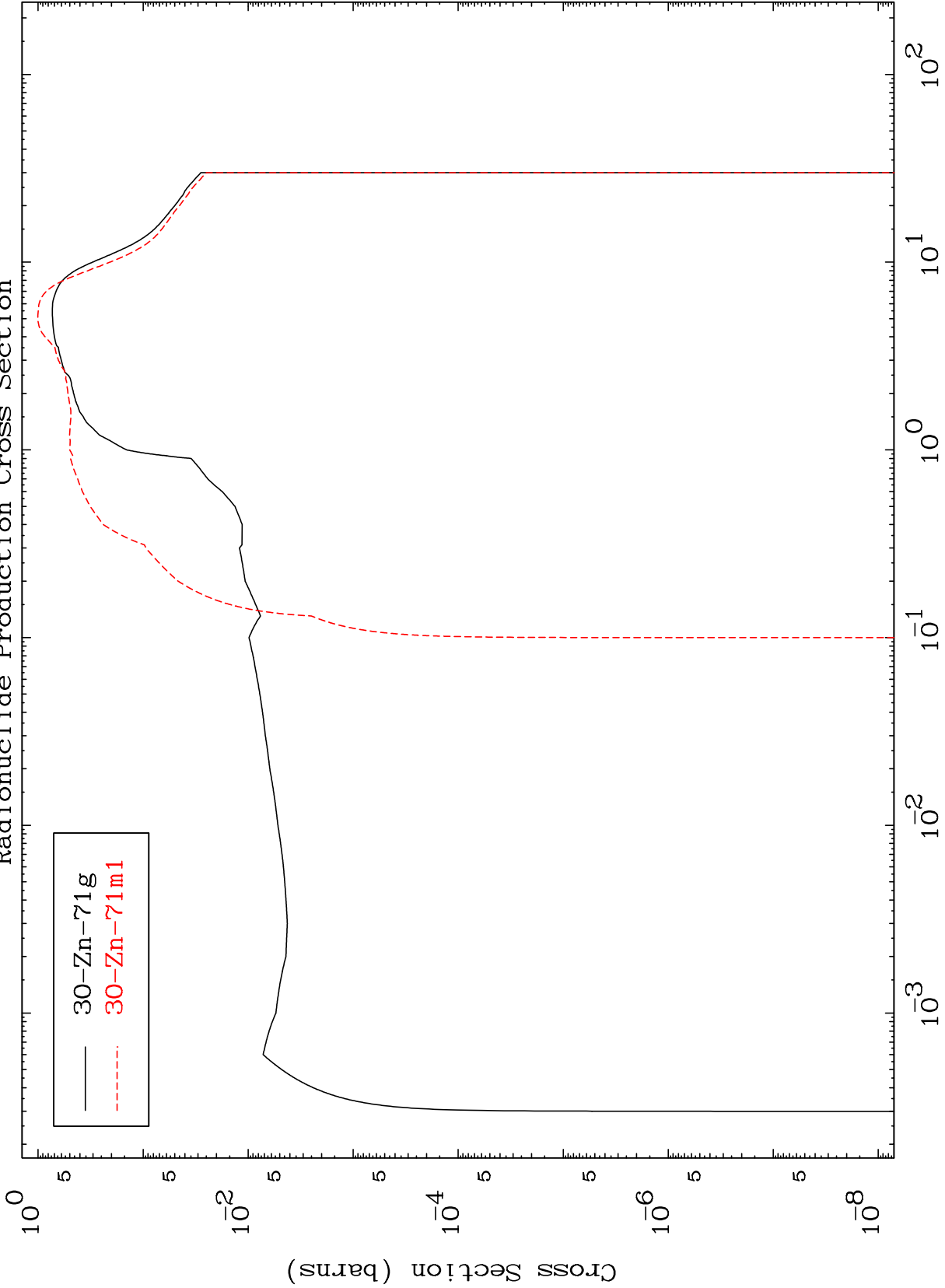
30-Zn-71



MAT 3047

30-Zn-71

Inelastic
Radionuclide Production Cross Section



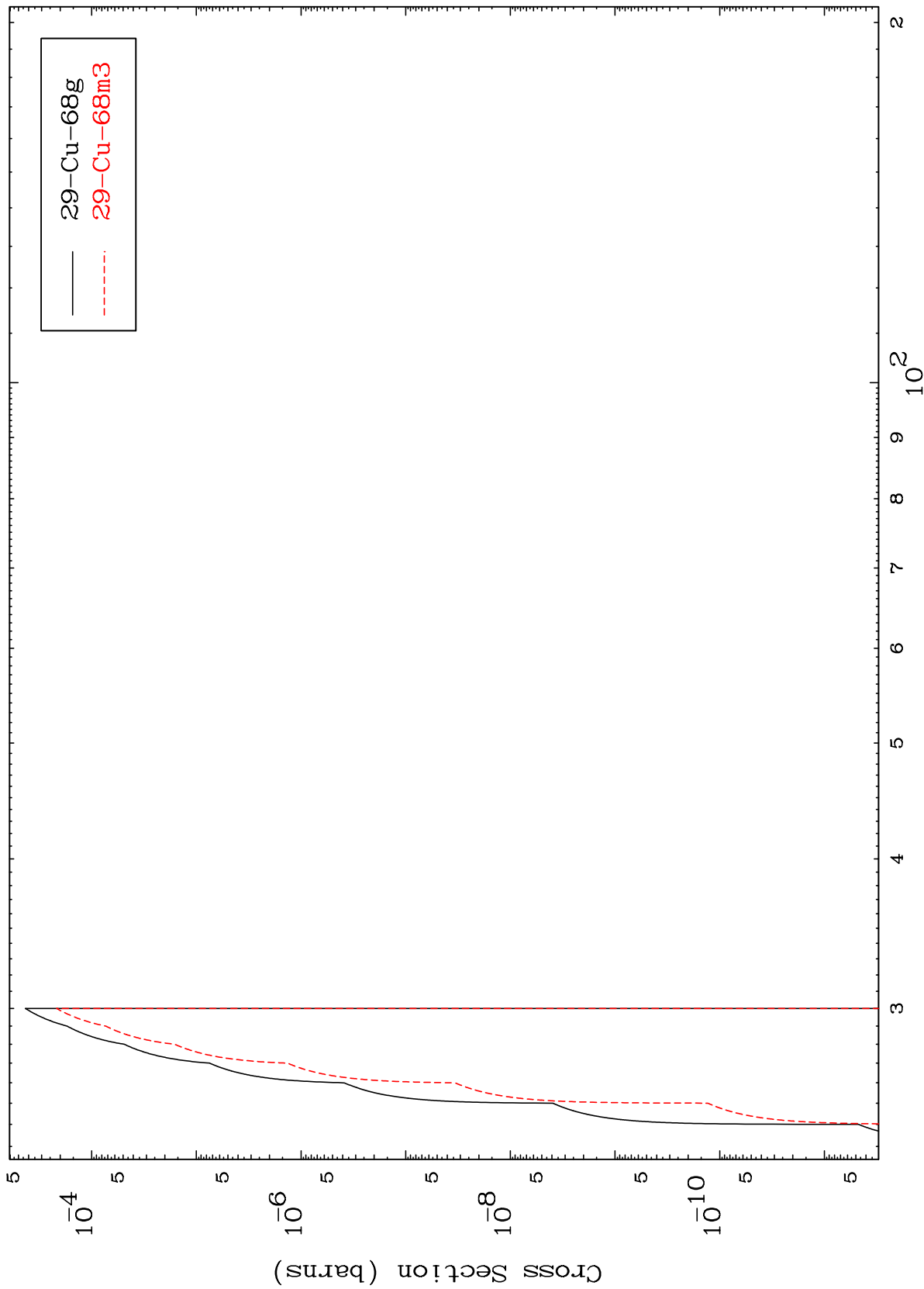
— 30-Zn-71 g
- - - 30-Zn-71 m1

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(n,2n) d

30-Zn-71

Radionuclide Production Cross Section



20

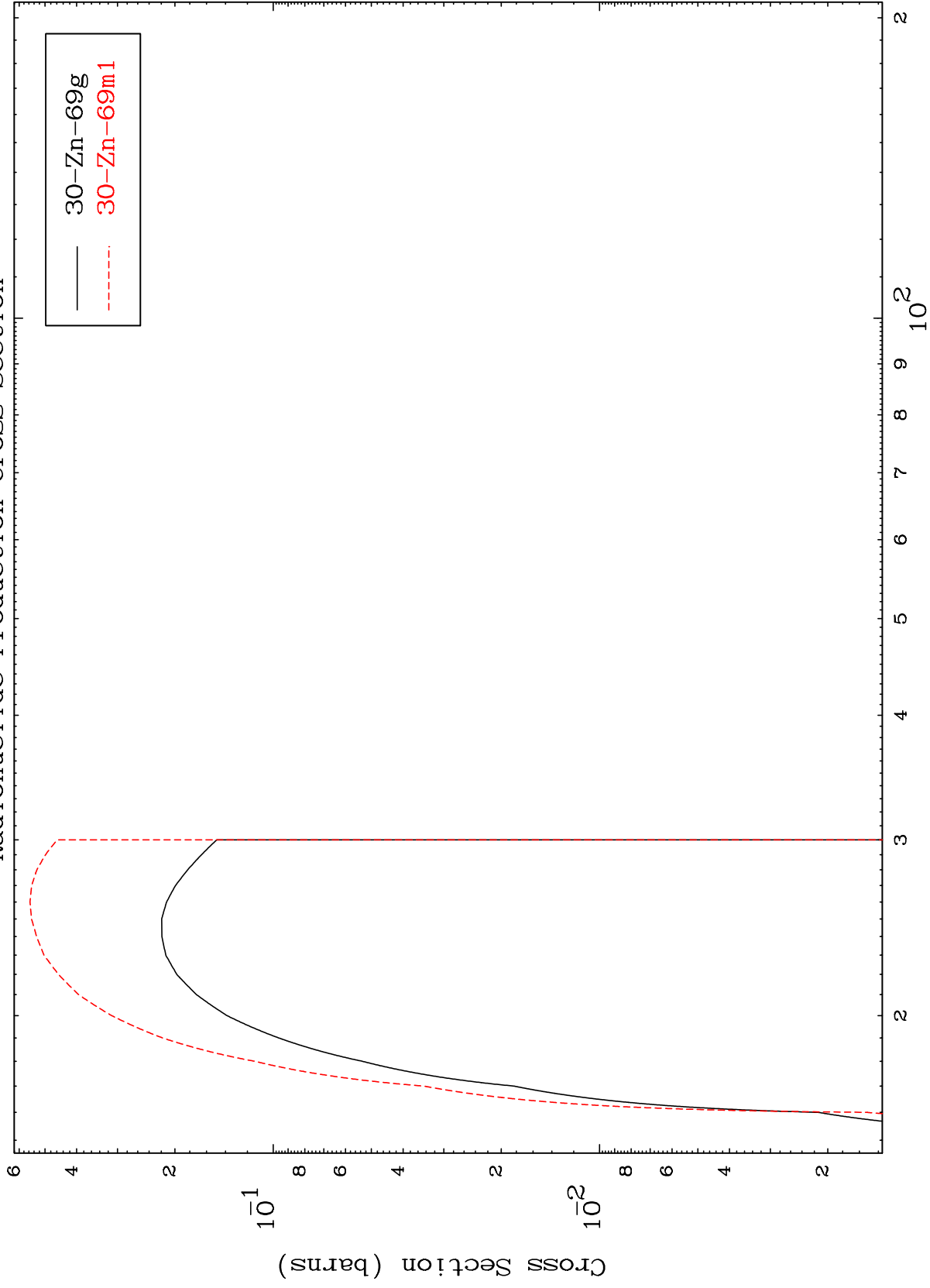
Incident Energy (MeV)

30-Zn-71

MAT 3047

30-Zn-71

(n,3n)
Radionuclide Production Cross Section

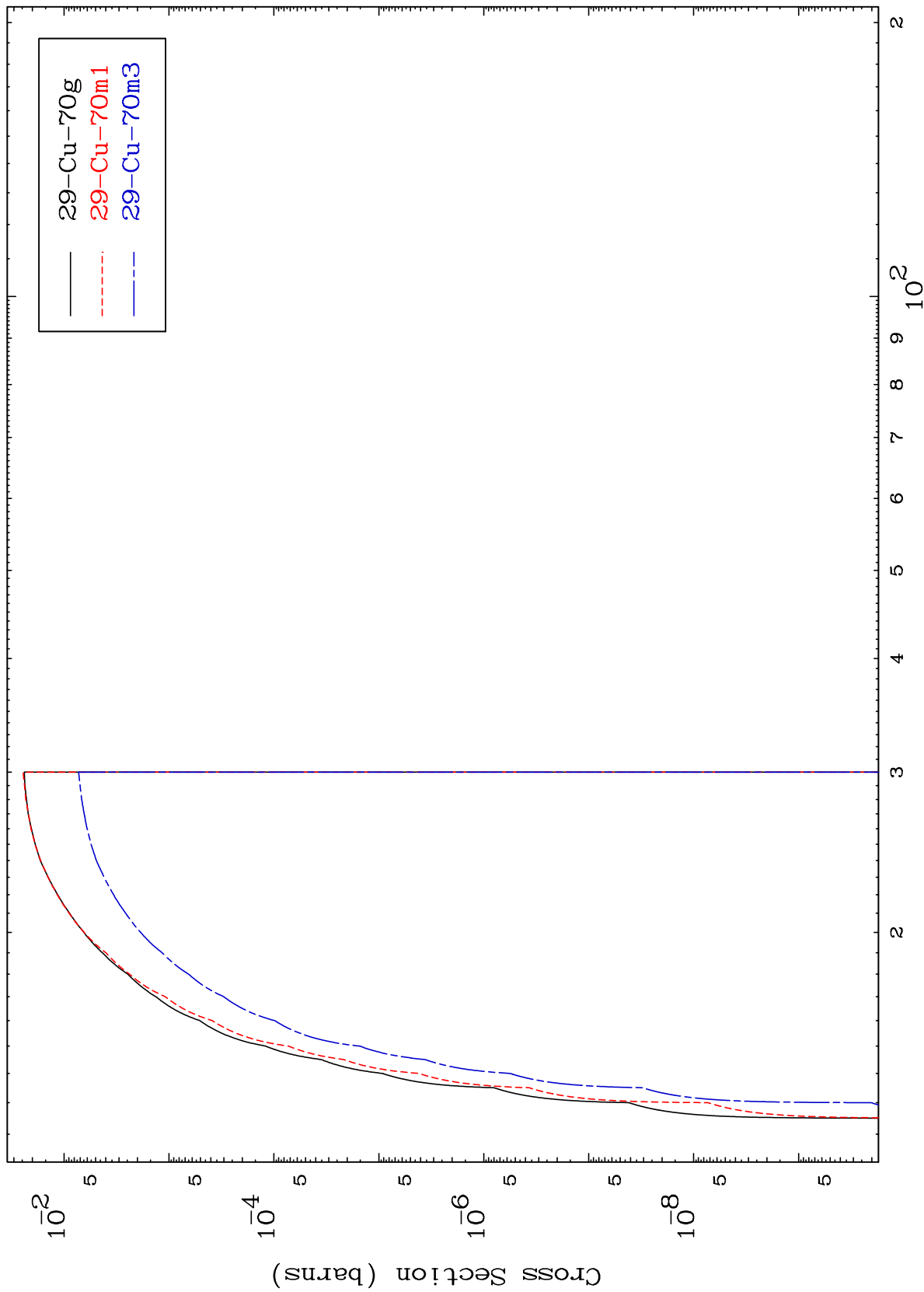


21

Incident Energy (MeV)

30-Zn-71

Radionuclide Production Cross Section

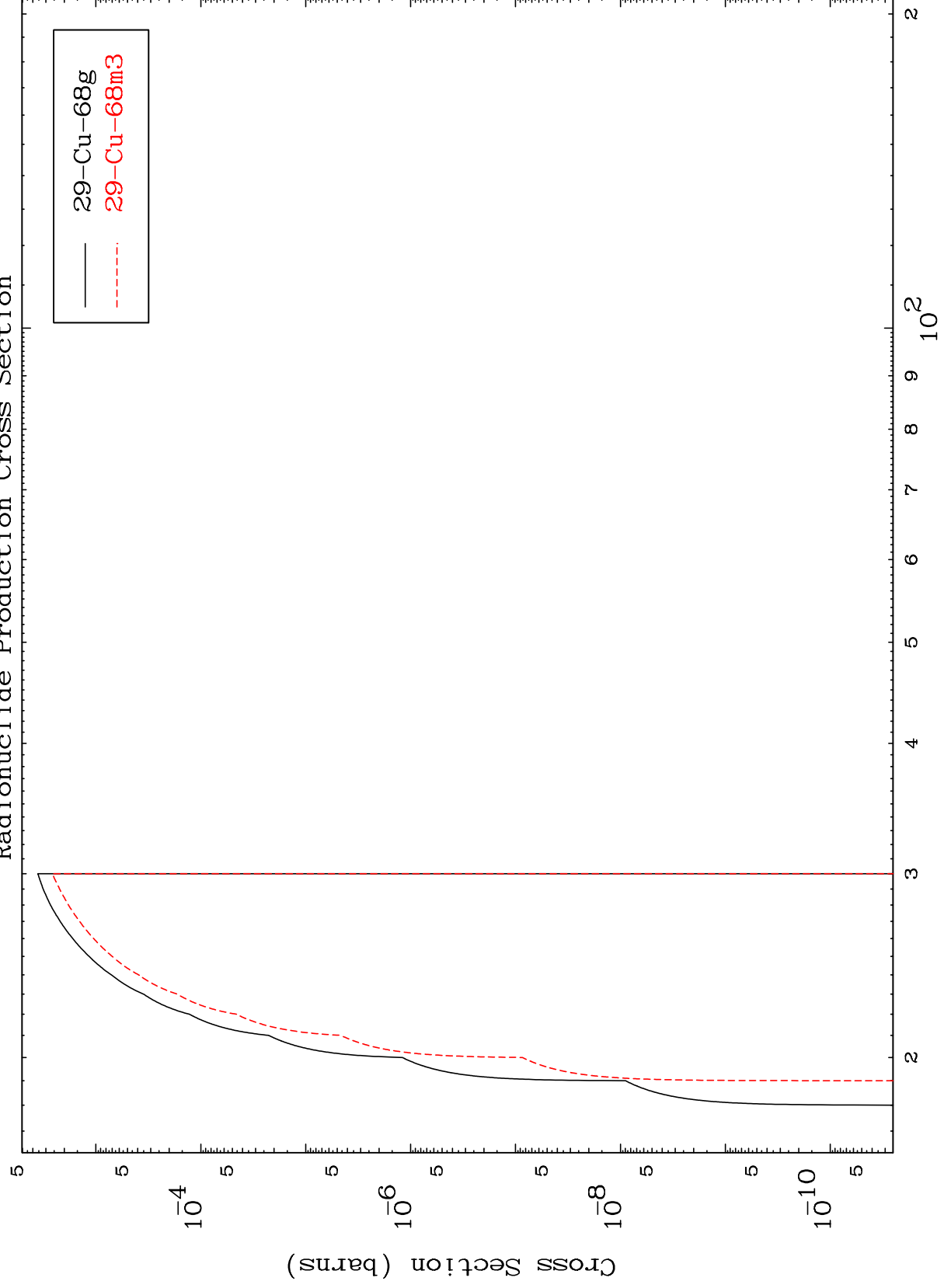


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(n,n') t

30-Zn-71

Radionuclide Production Cross Section



23

Incident Energy (MeV)

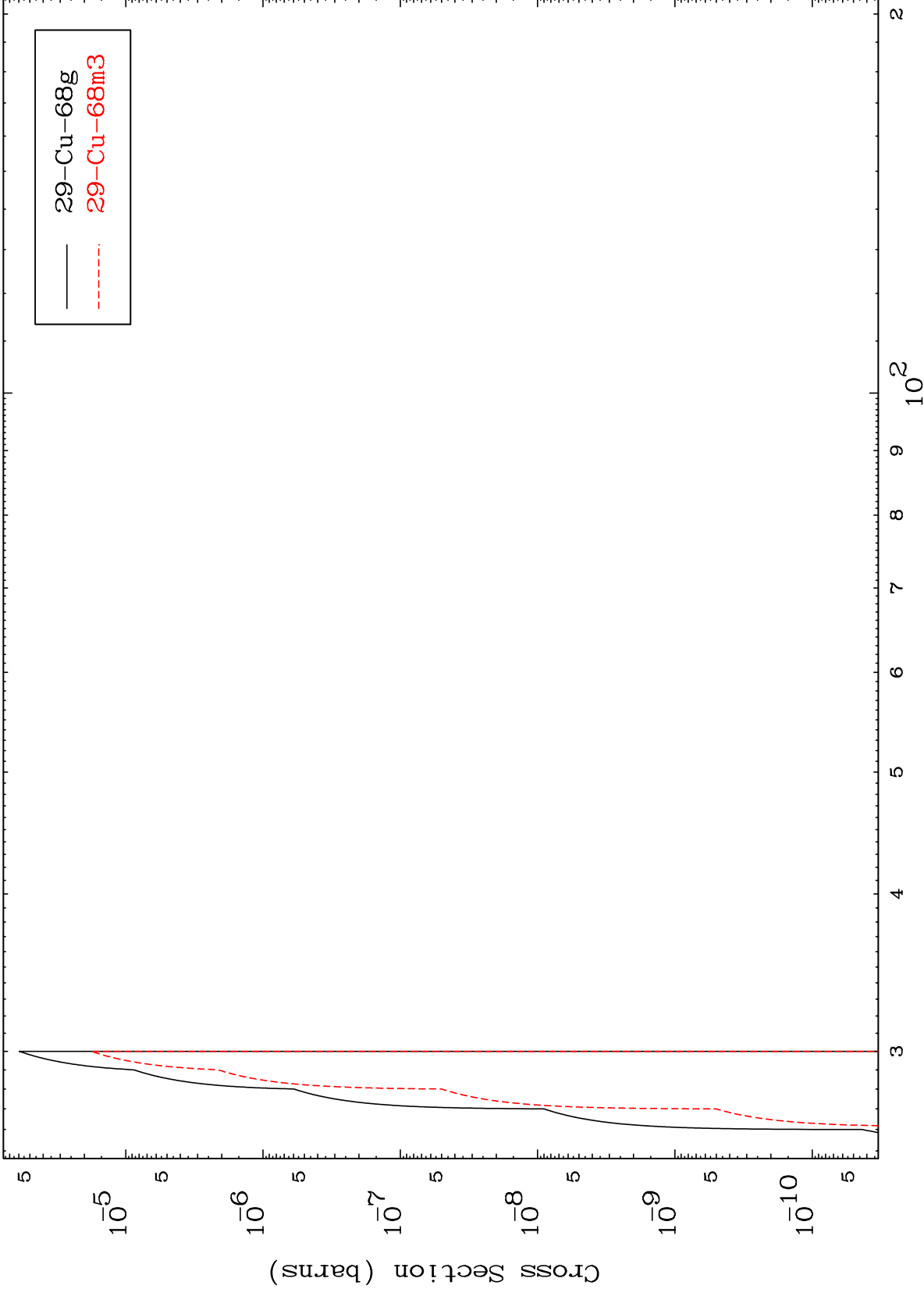
30-Zn-71

MAT 3047

(n,3n) p

30-Zn-71

Radionuclide Production Cross Section



24

Incident Energy (MeV)

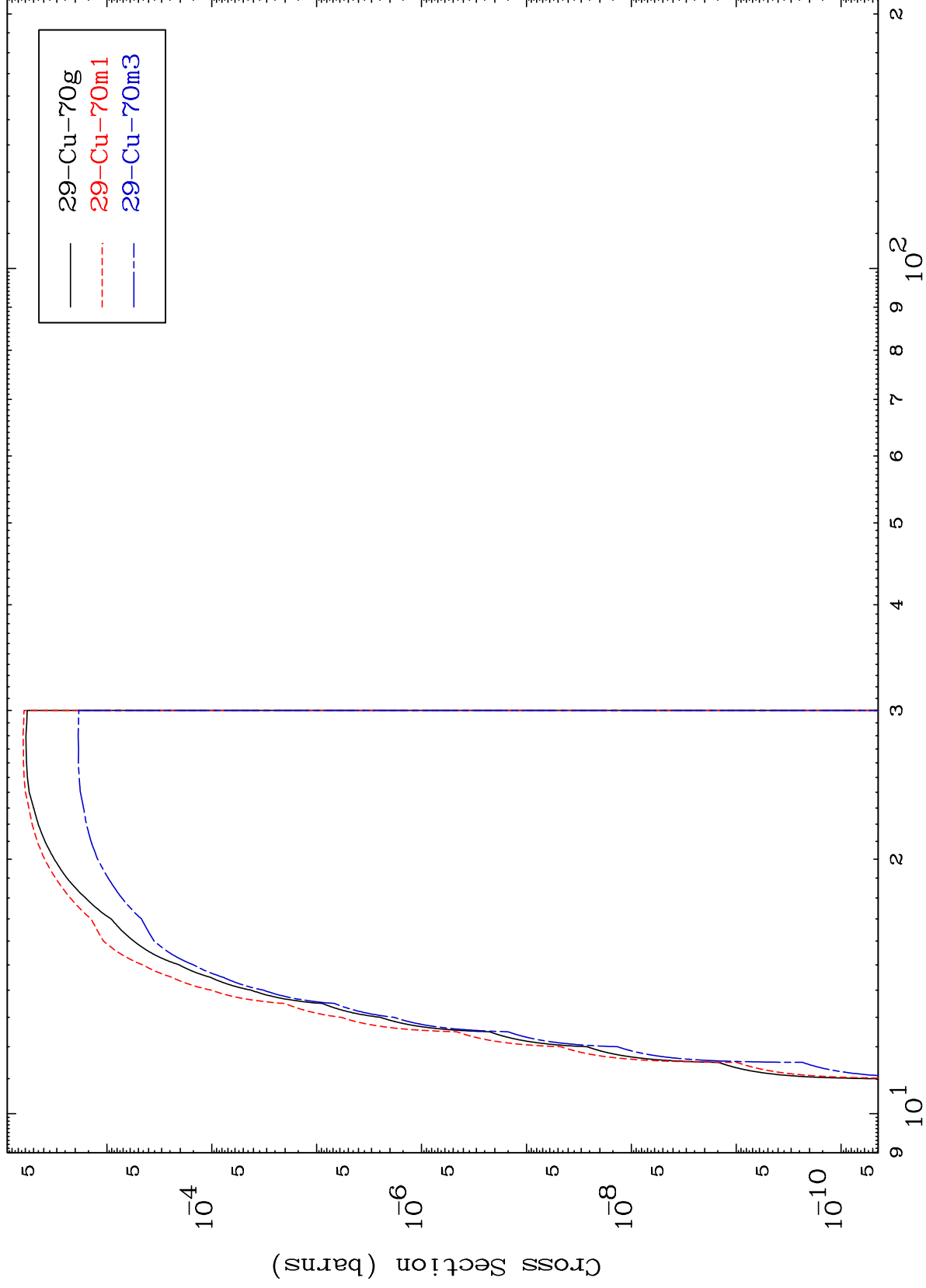
30-Zn-71

MAT 3047

(n,d)

30-Zn-71

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-71

25