

Program EVALPLOT
(Version 2018-1)

by

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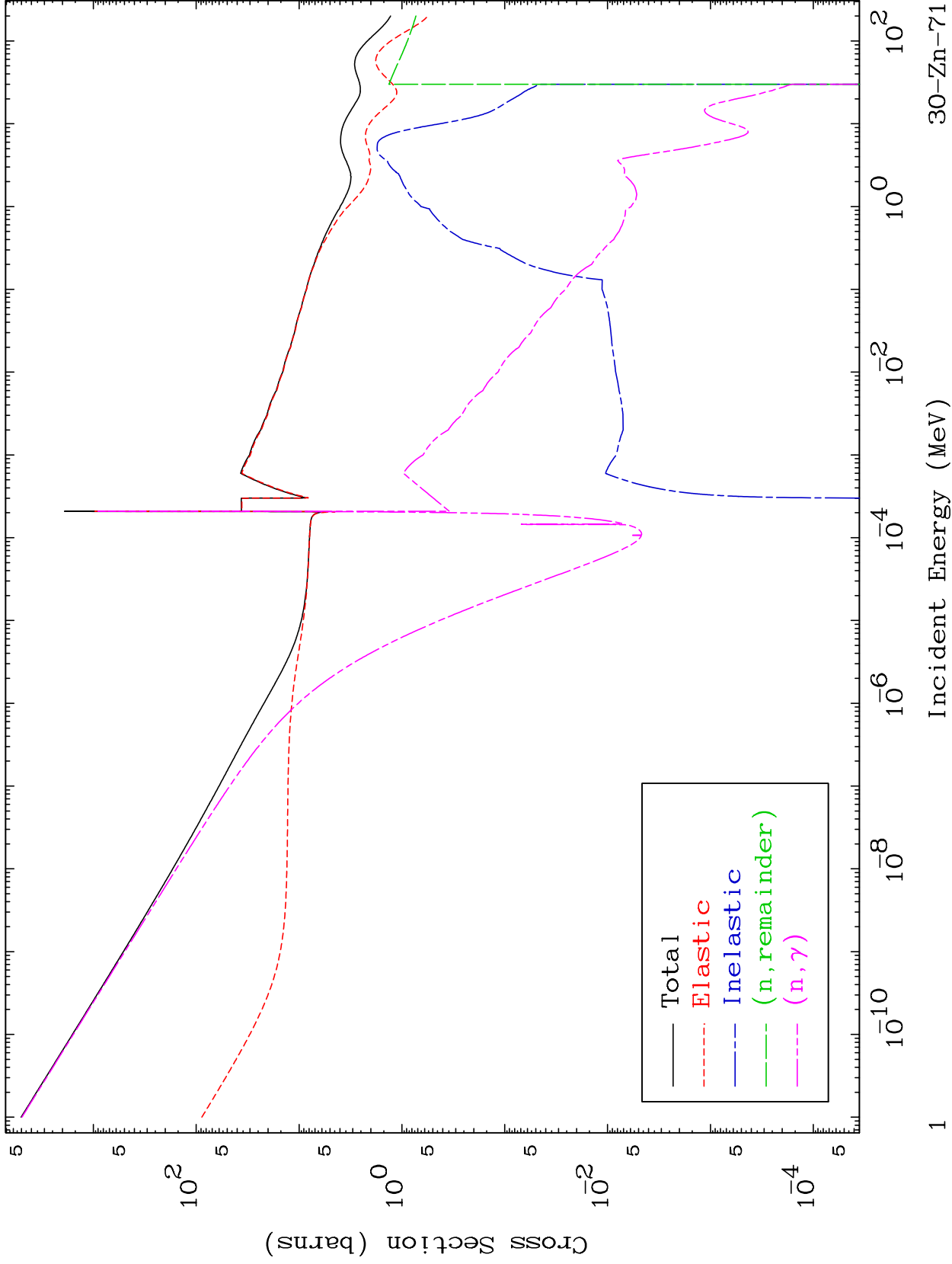
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3047

Major
293 Kelvin Cross Sections

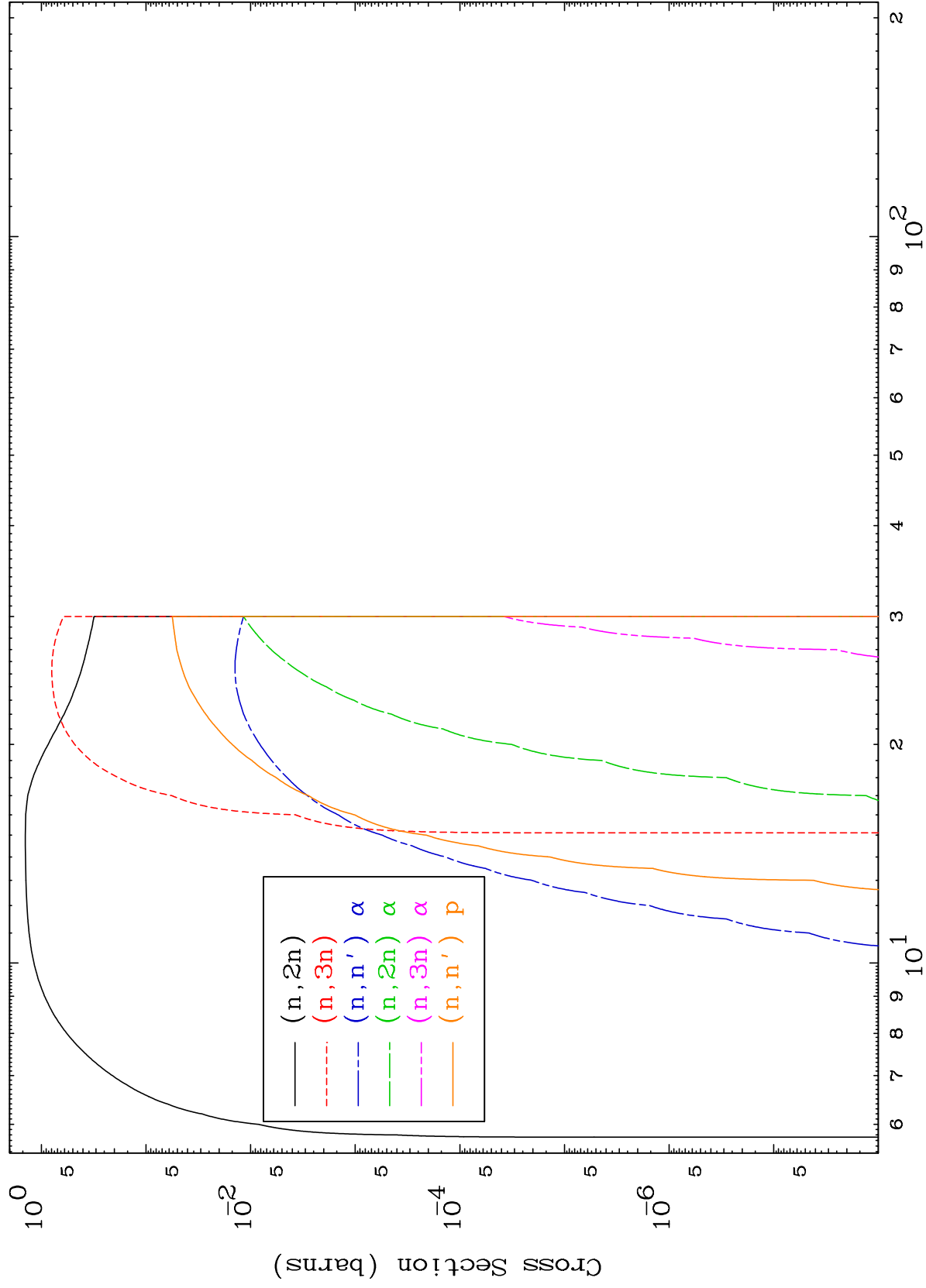
30-Zn-71



MAT 3047

Neutron Production
293 Kelvin Cross Sections

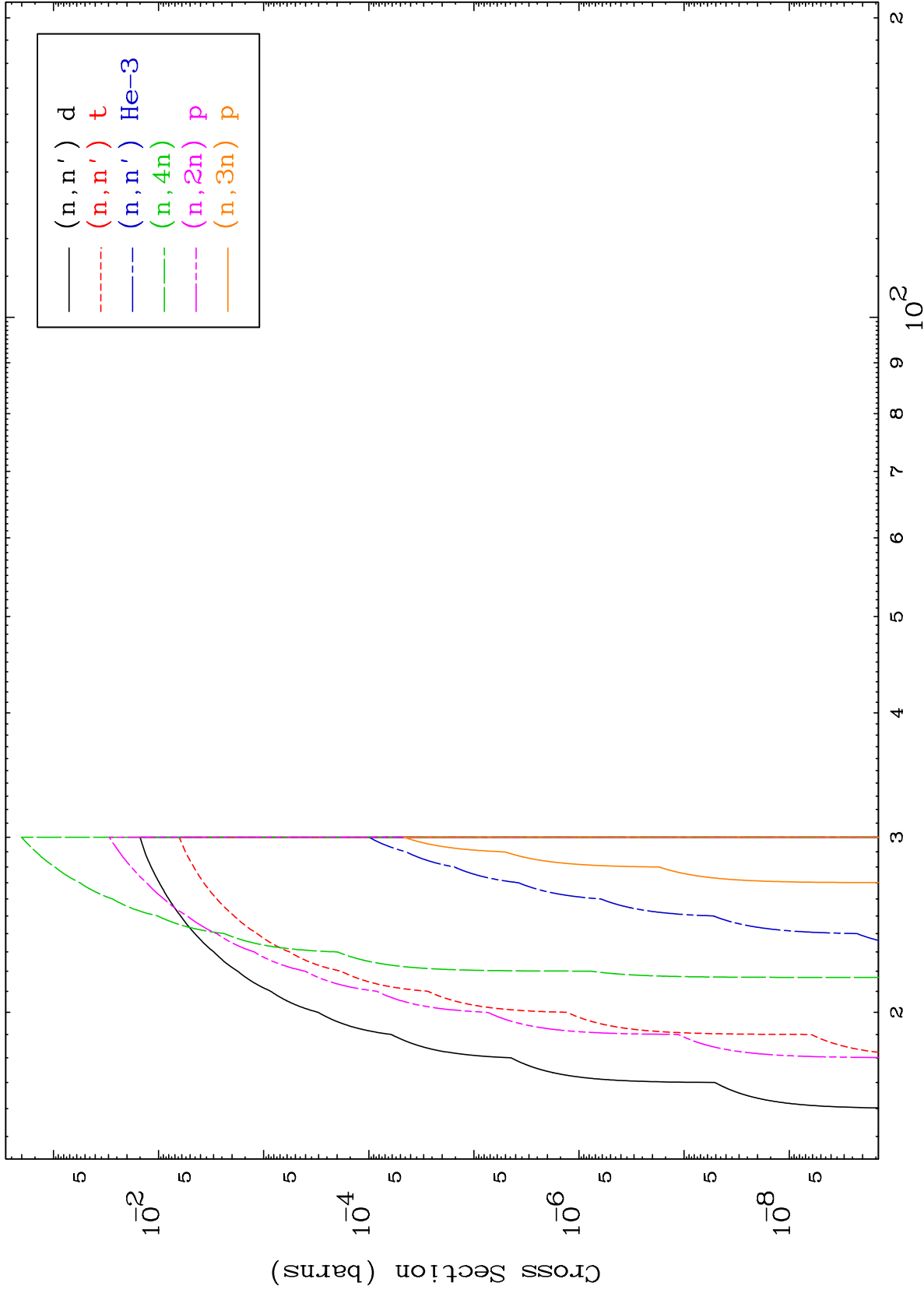
30-Zn-71



2

Incident Energy (MeV)

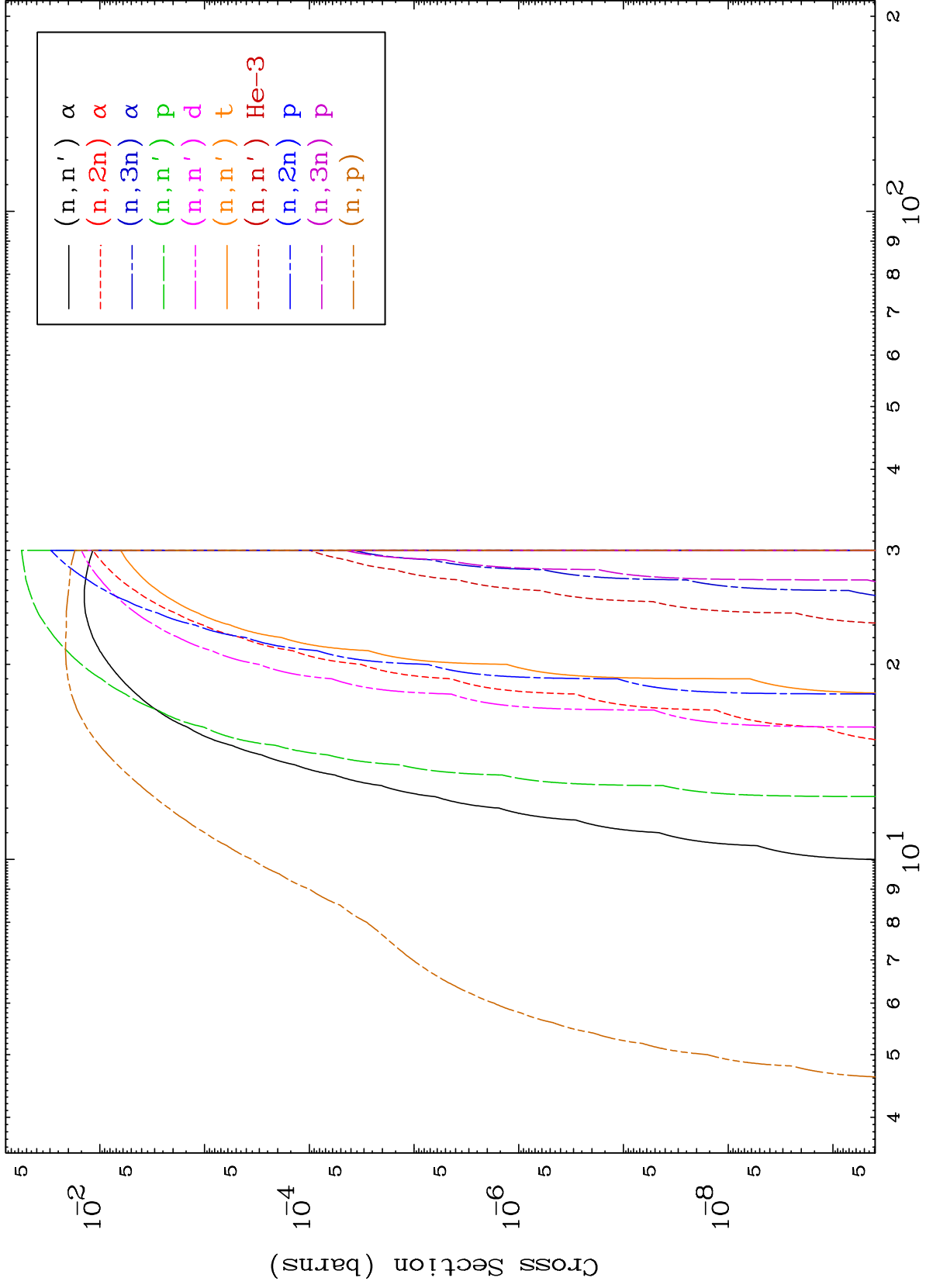
30-Zn-71



MAT 3047

Charged Particle
293 Kelvin Cross Sections

30-Zn-71



4

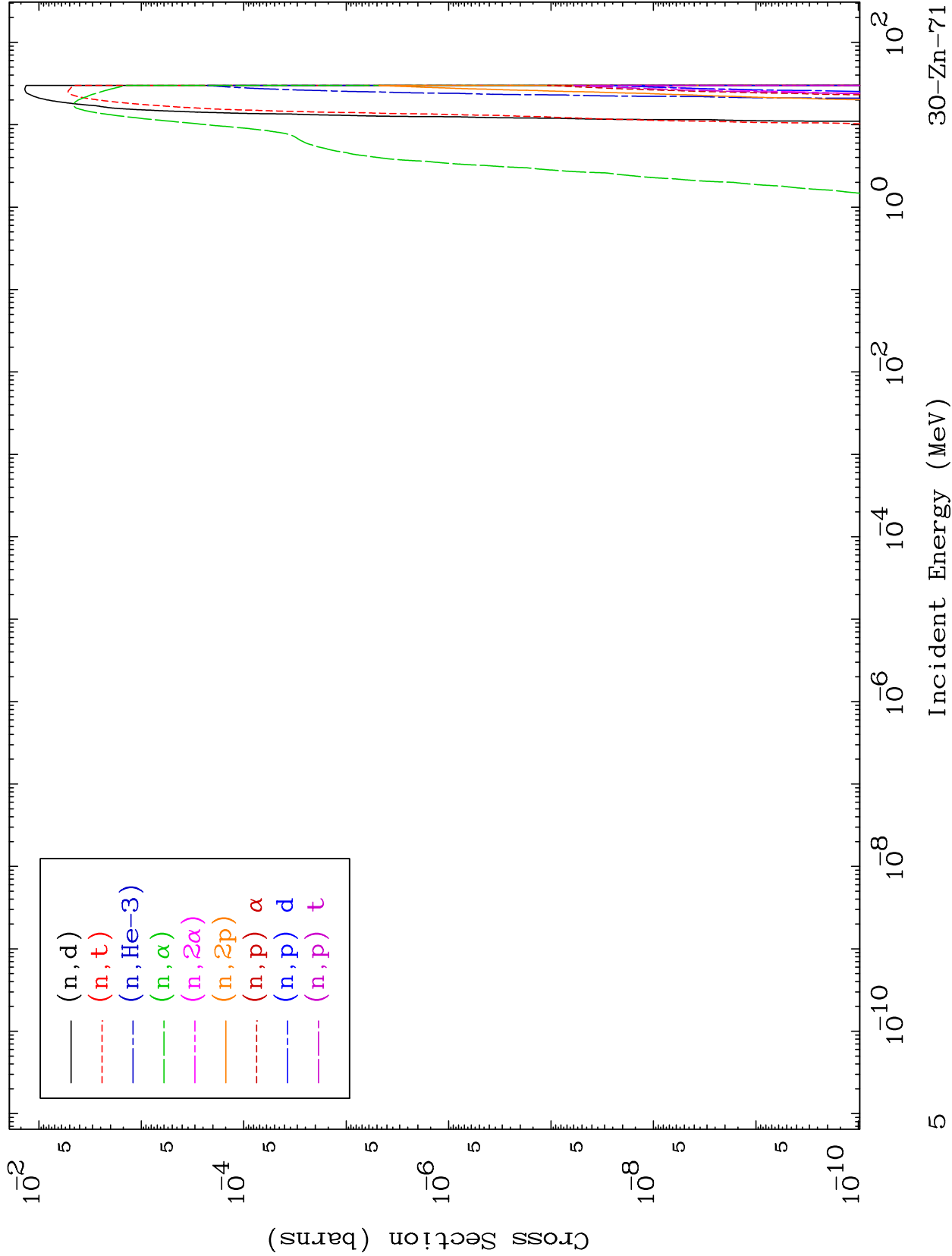
Incident Energy (MeV)

30-Zn-71

MAT 3047

Charged Particle
293 Kelvin Cross Sections

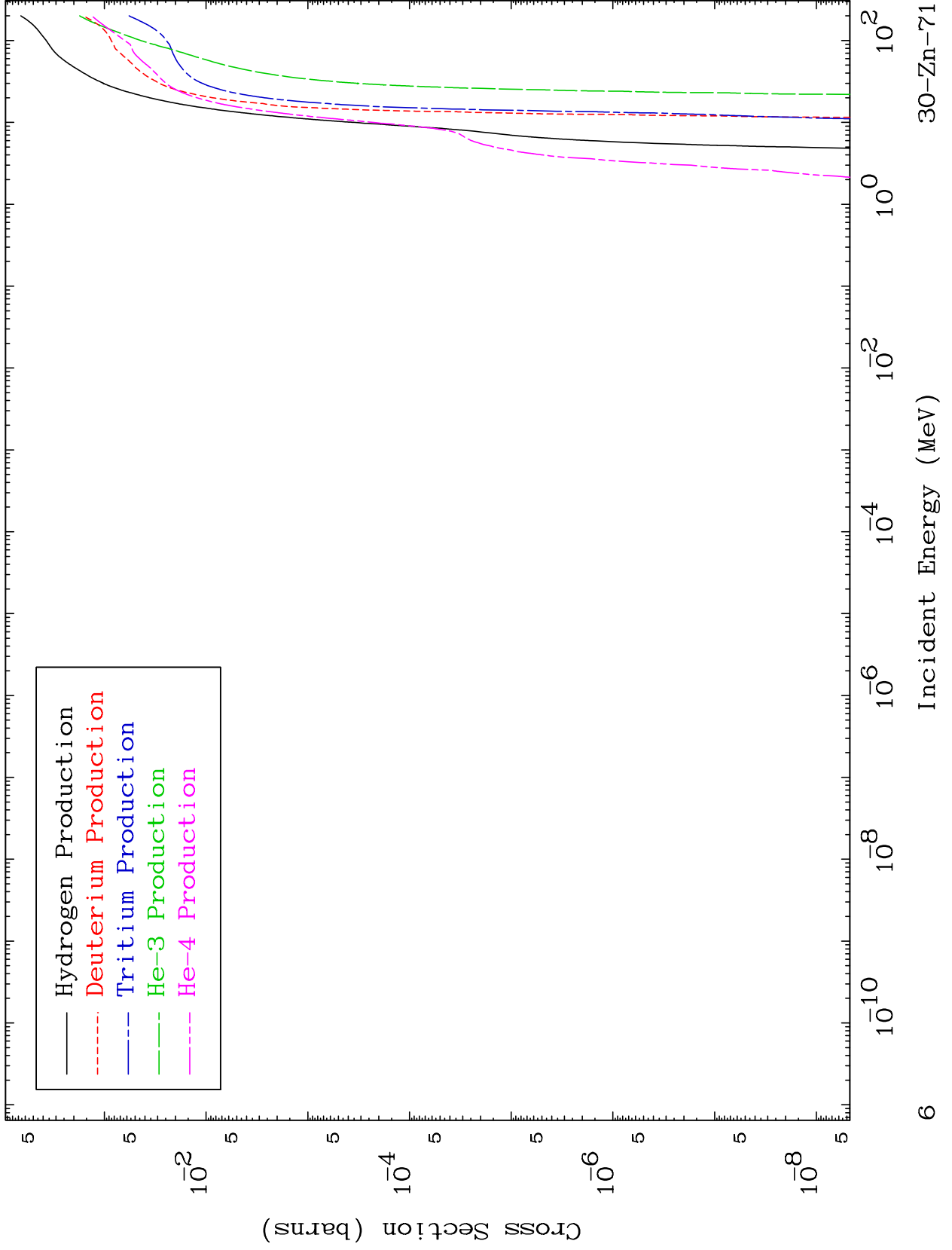
30-Zn-71



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Particle Production
293 Kelvin Cross Sections

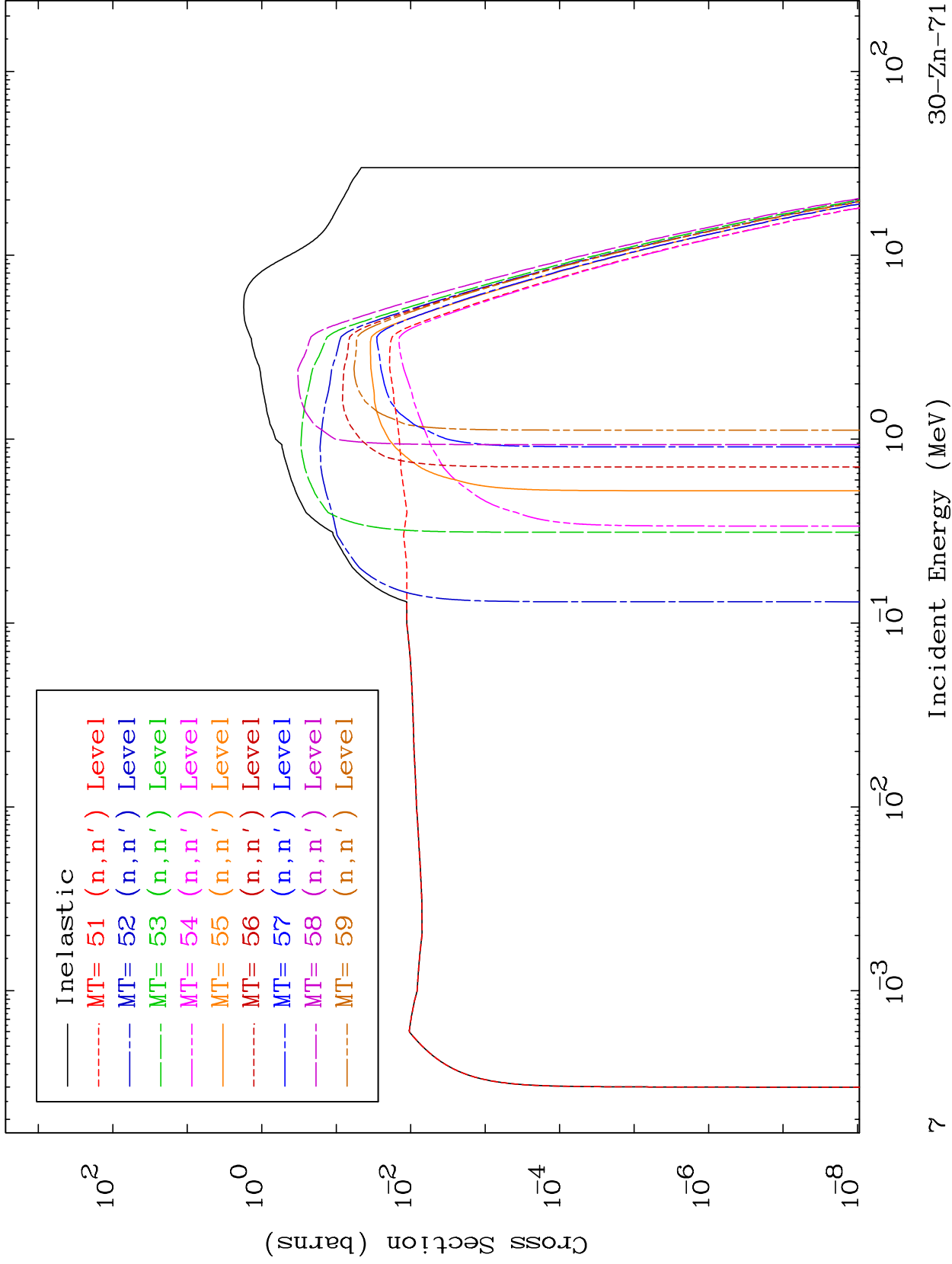
30-Zn-71



MAT 3047

(n,n') Level
293 Kelvin Cross Sections

30-Zn-71

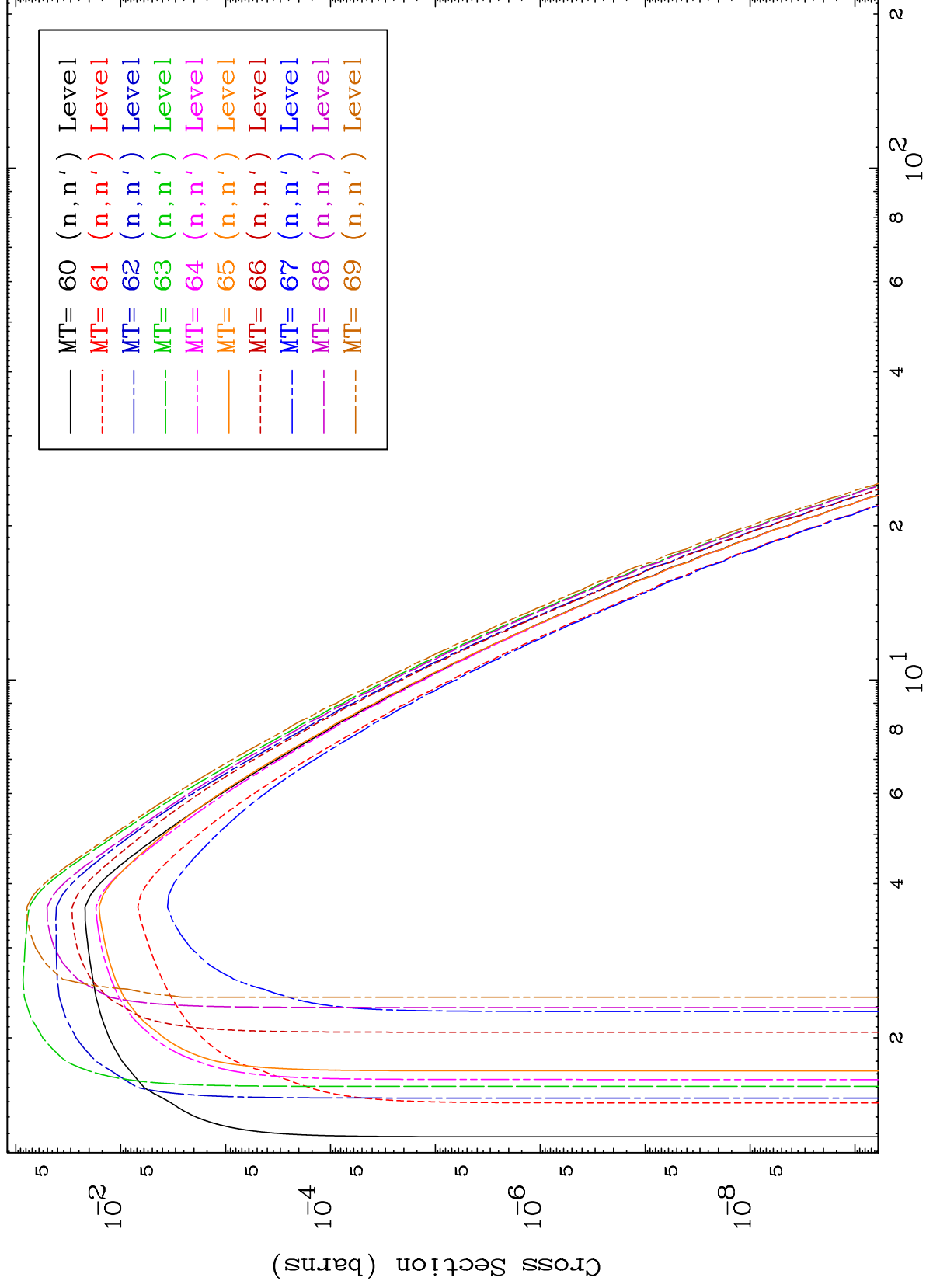


MAT 3047

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



8

Incident Energy (MeV)

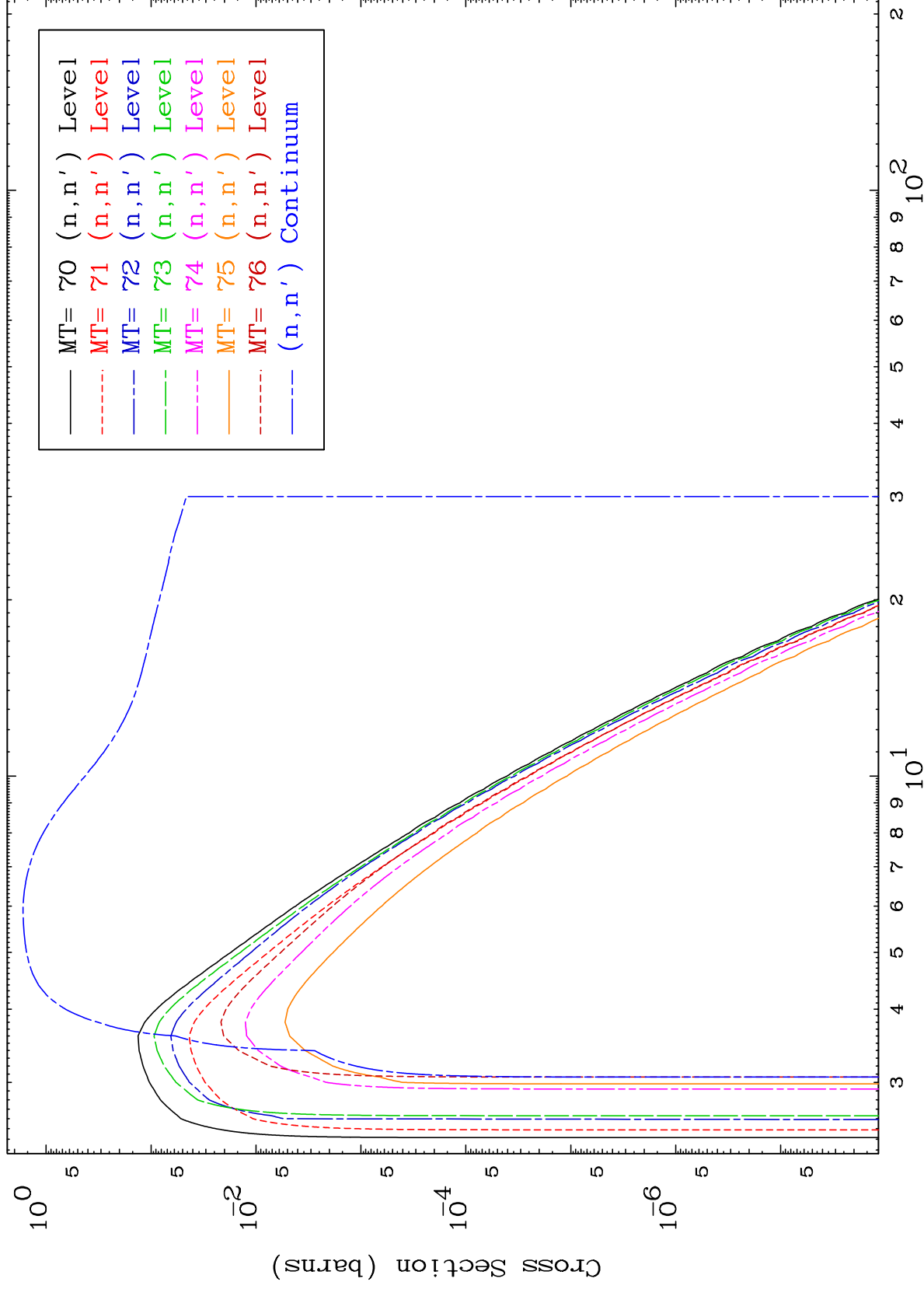
30-Zn-71

MAT 3047

(n,n') Level

30-Zn-71

293 Kelvin Cross Sections



9

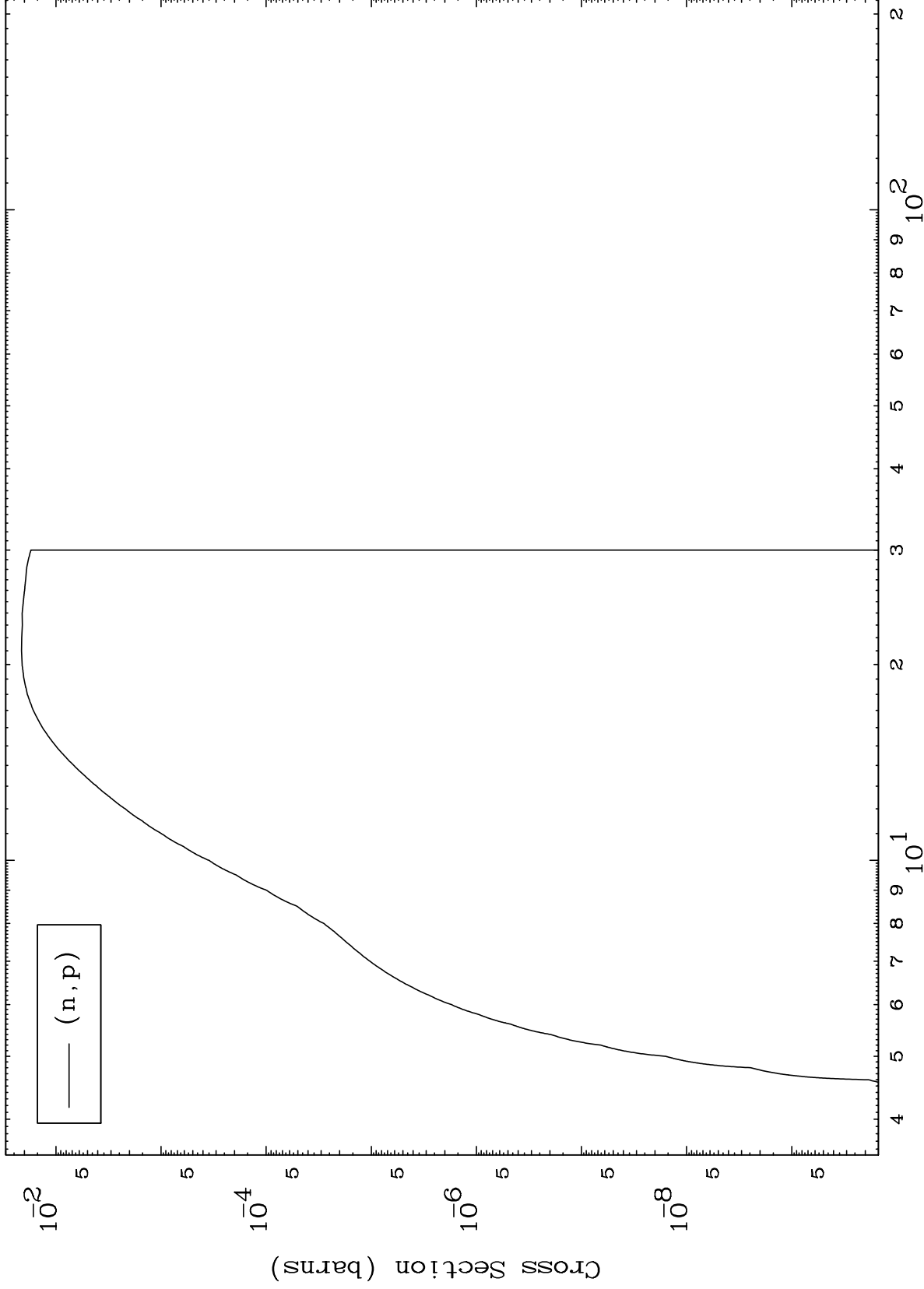
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-71



10

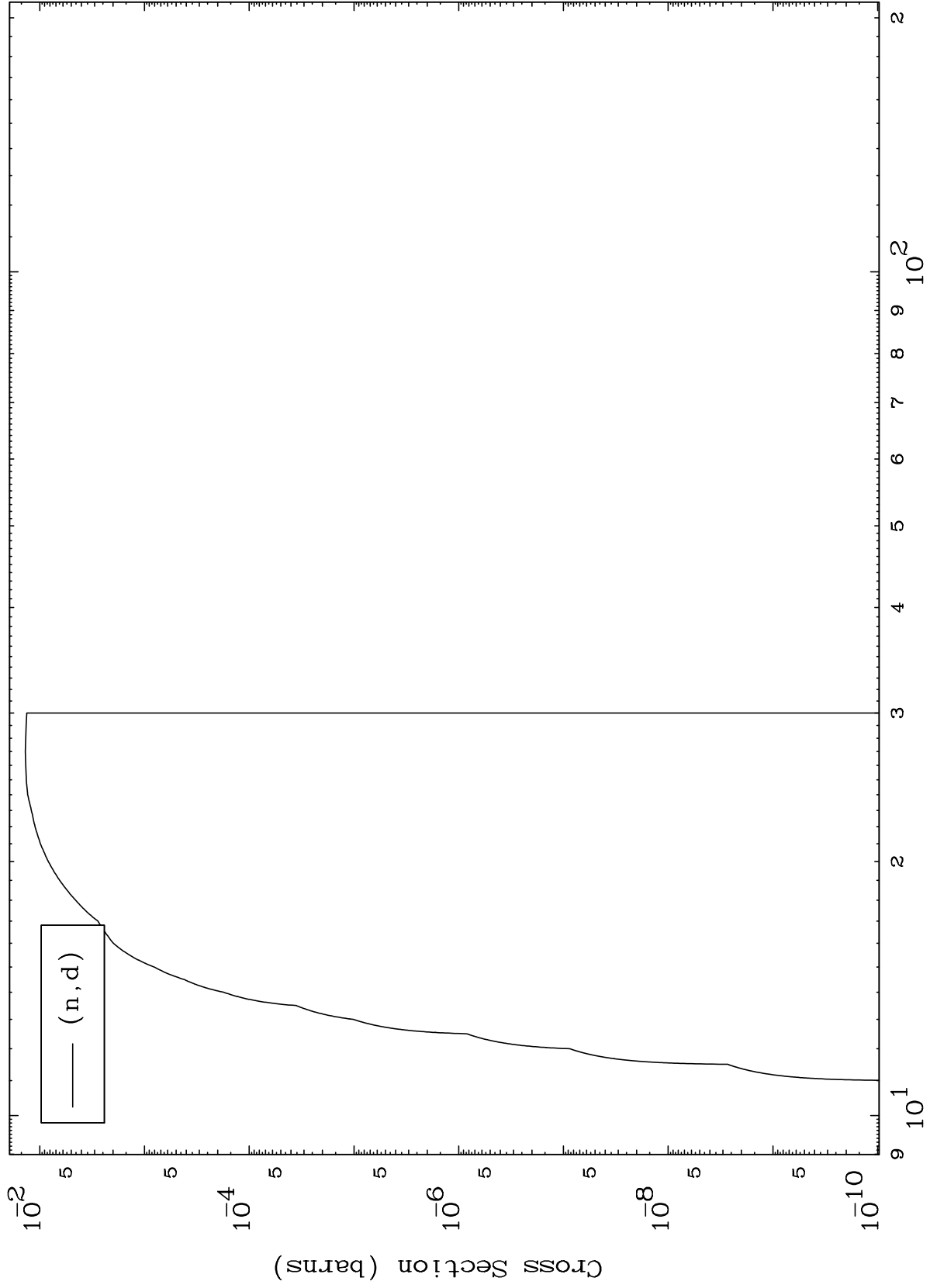
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-71



11

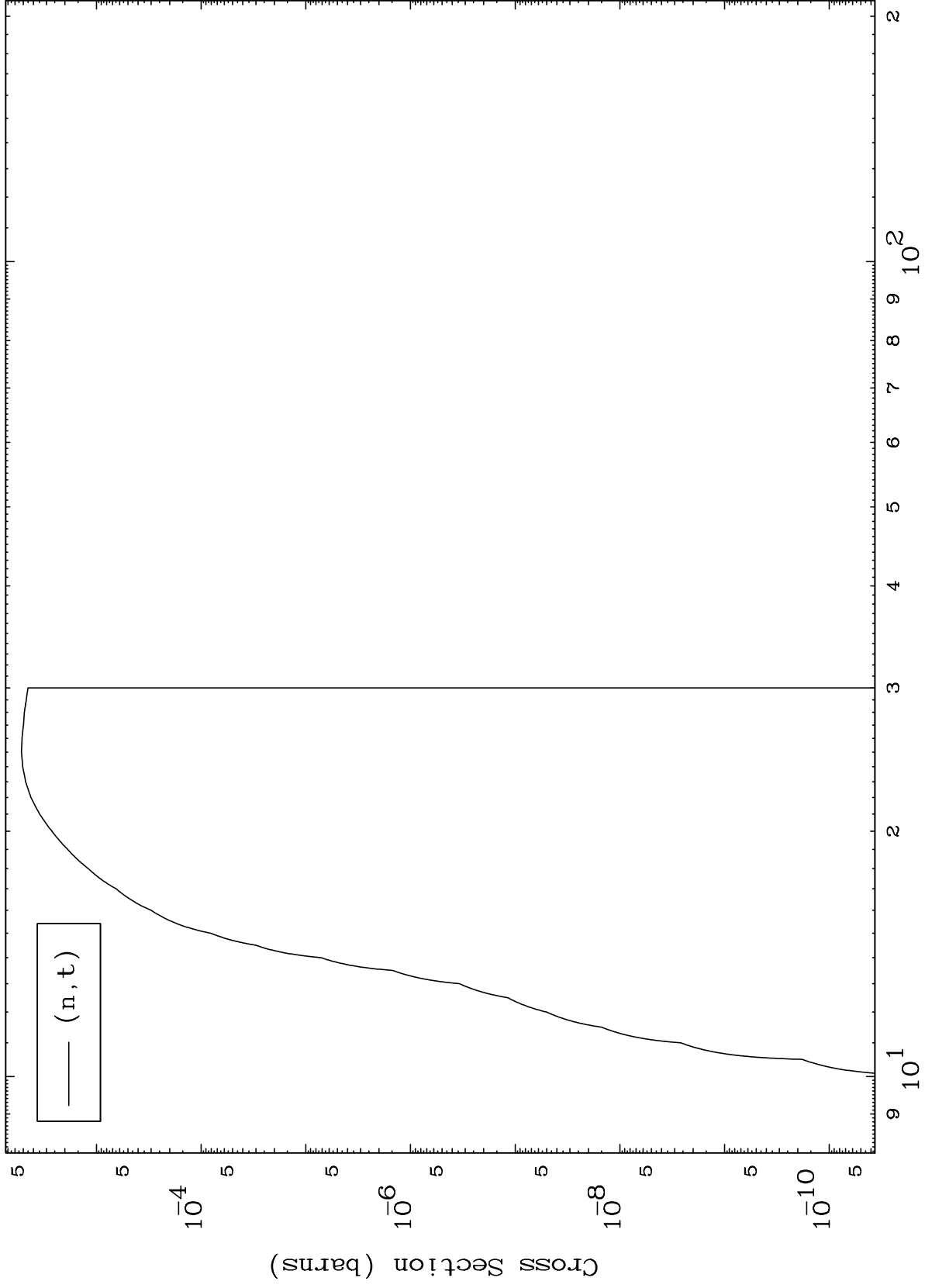
Incident Energy (MeV)

30-Zn-71

MAT 3047

(n,t) Levels
293 Kelvin Cross Sections

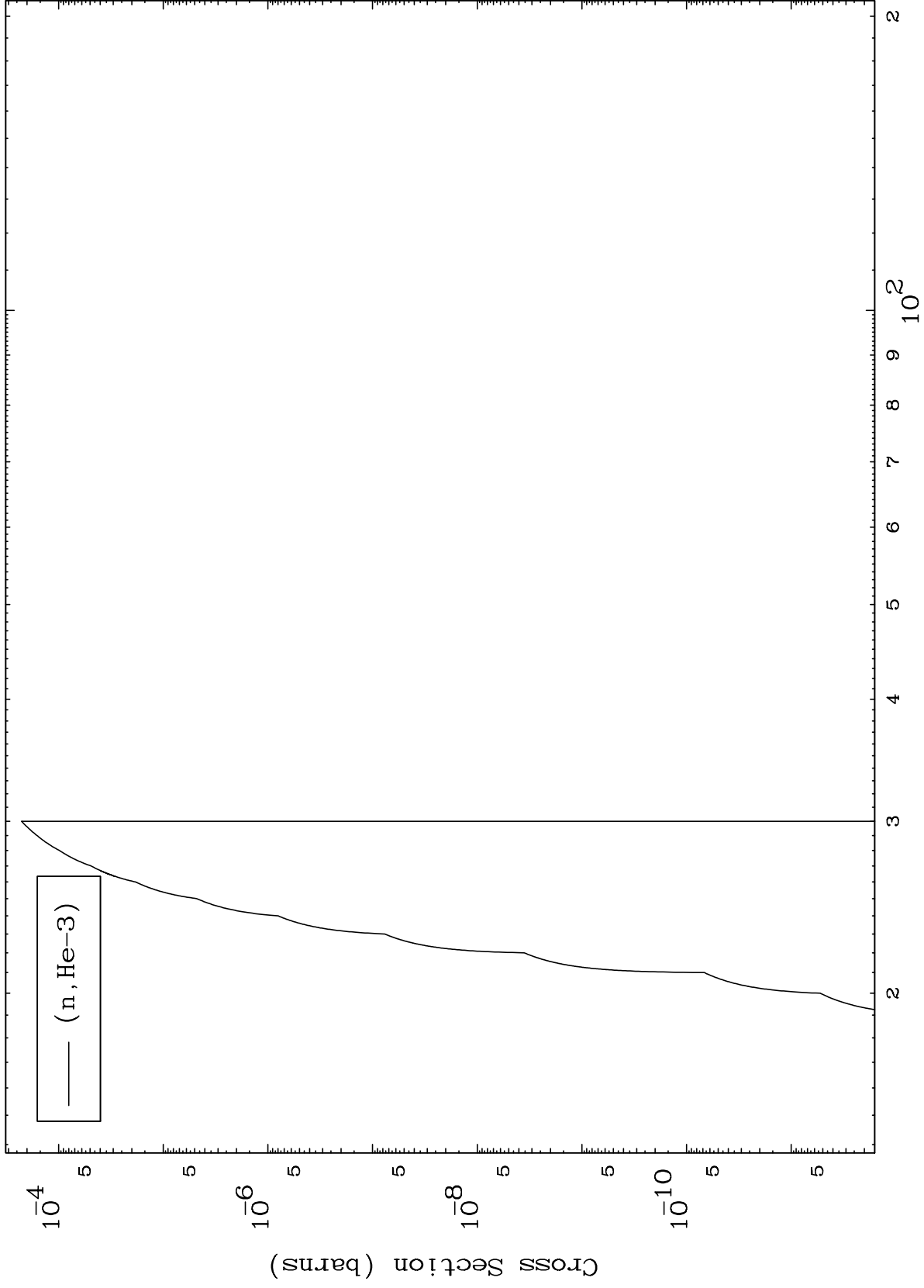
30-Zn-71



12

Incident Energy (MeV)

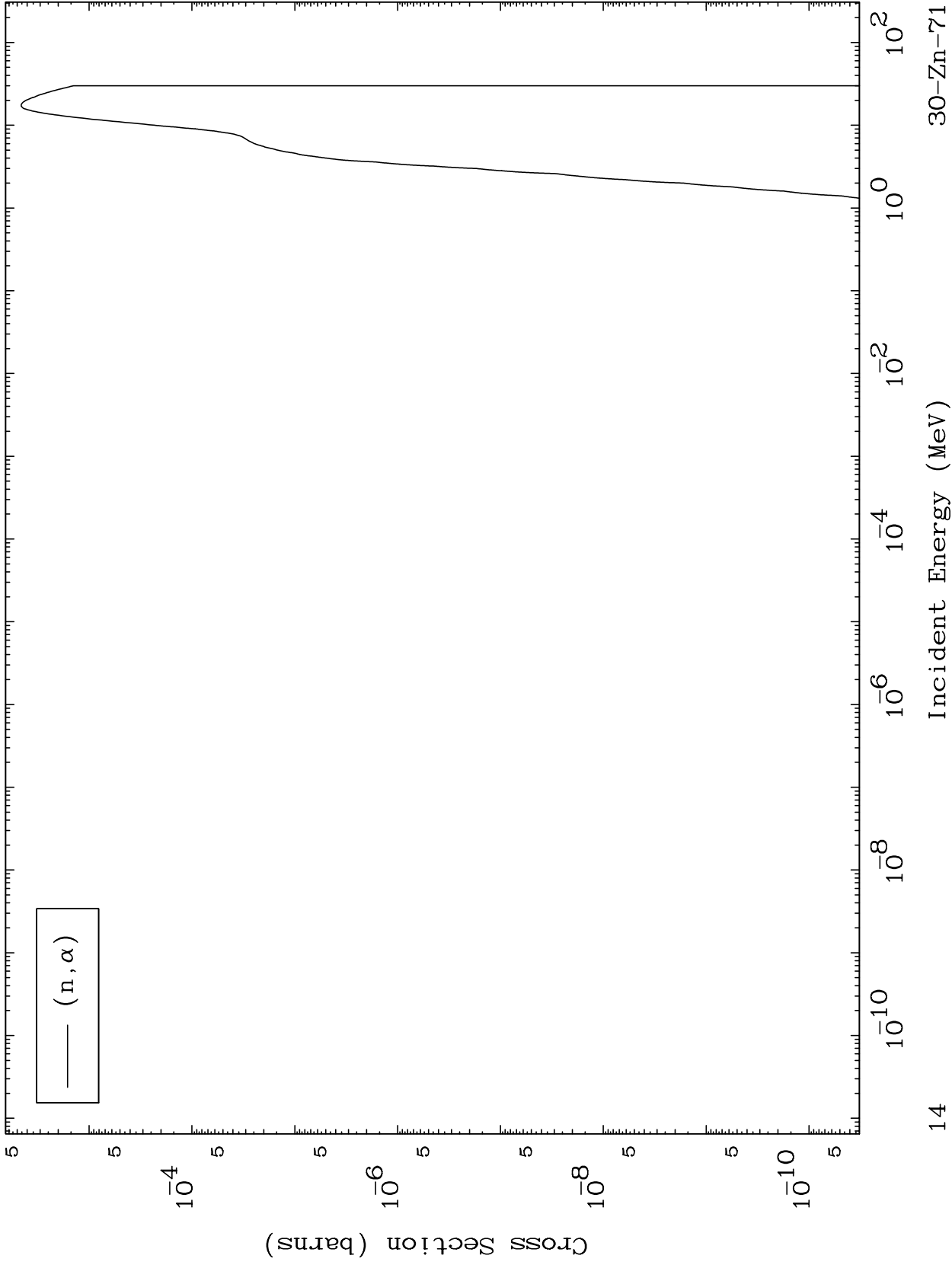
30-Zn-71

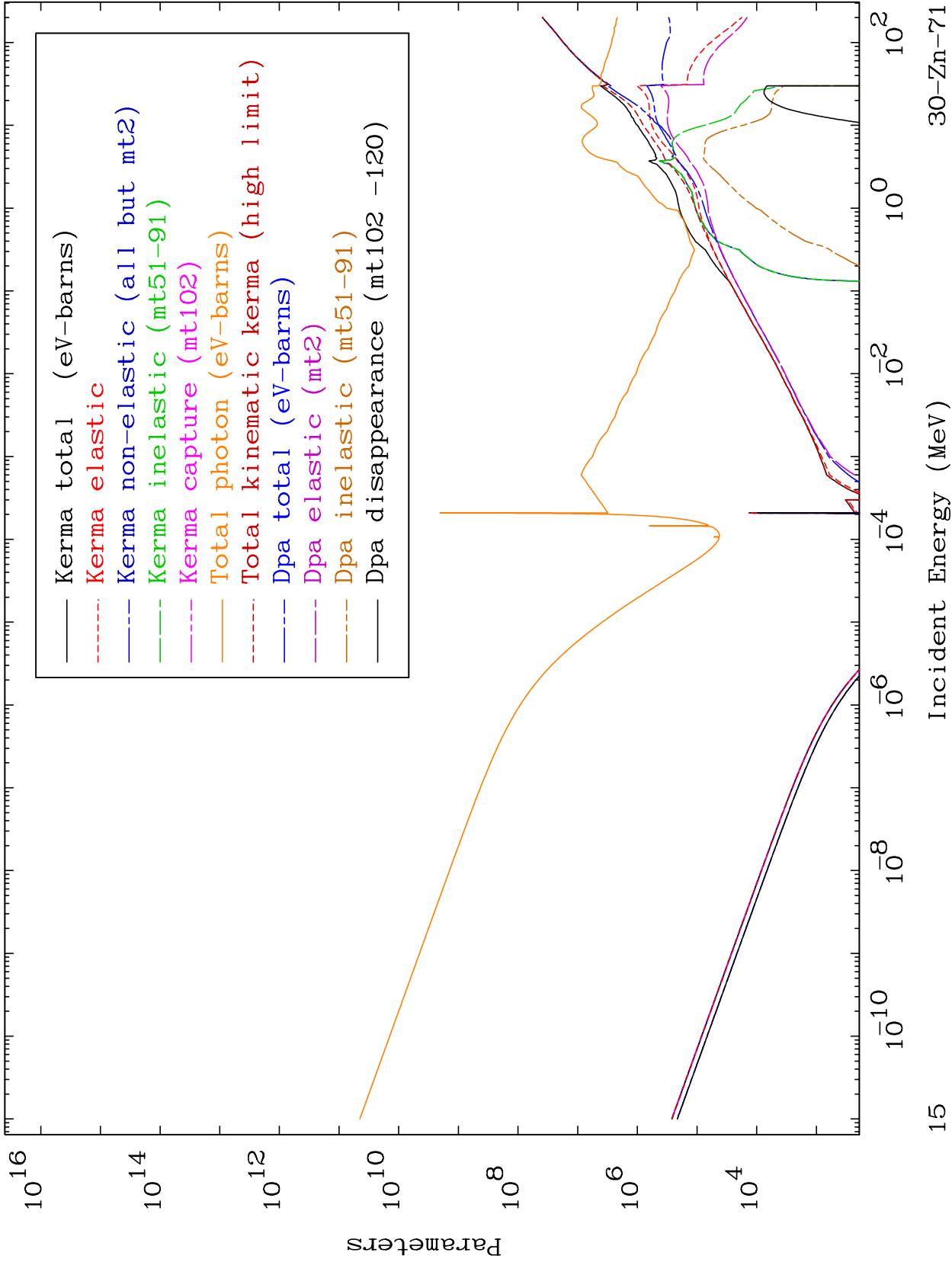


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(n, α) Levels
293 Kelvin Cross Sections

30-Zn-71

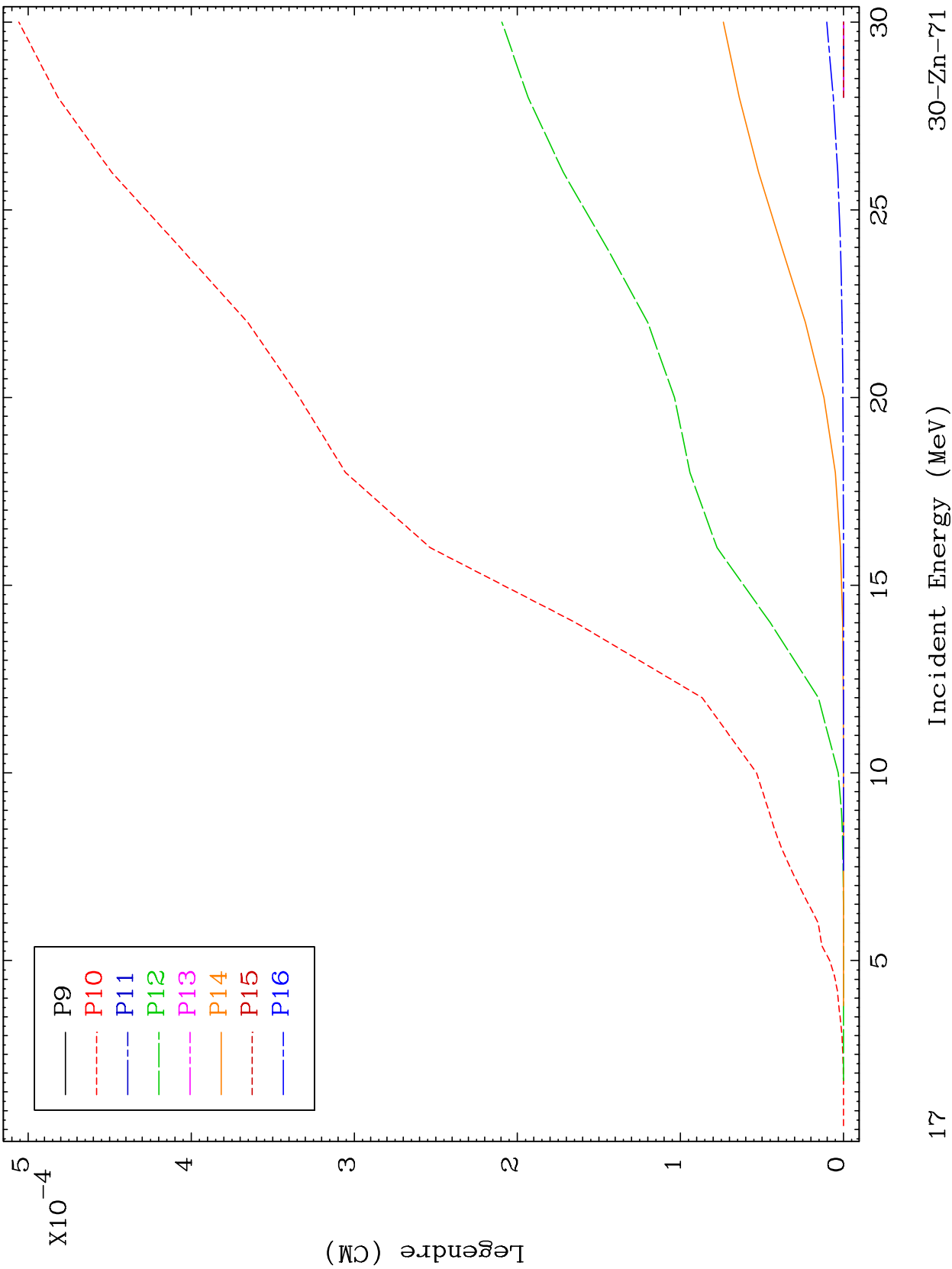




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Elastic Legendre Coefficients

30-Zn-71



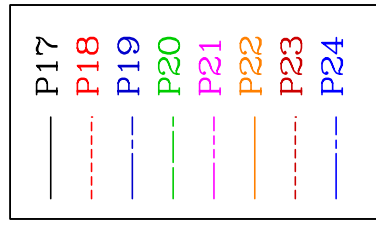
17

30-Zn-71

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Elastic
Legendre Coefficients

30-Zn-71



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

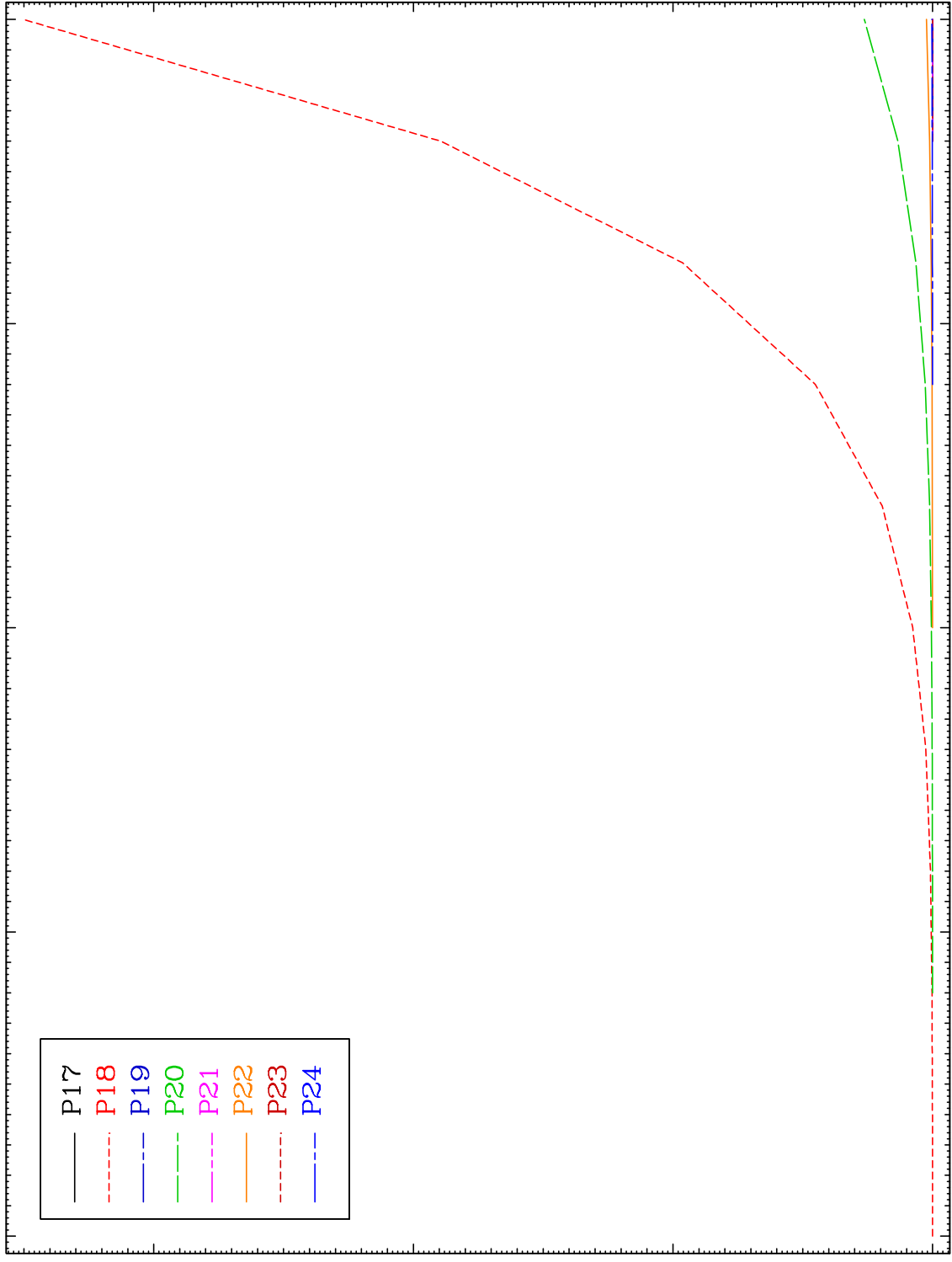
25

30

18

Incident Energy (MeV)

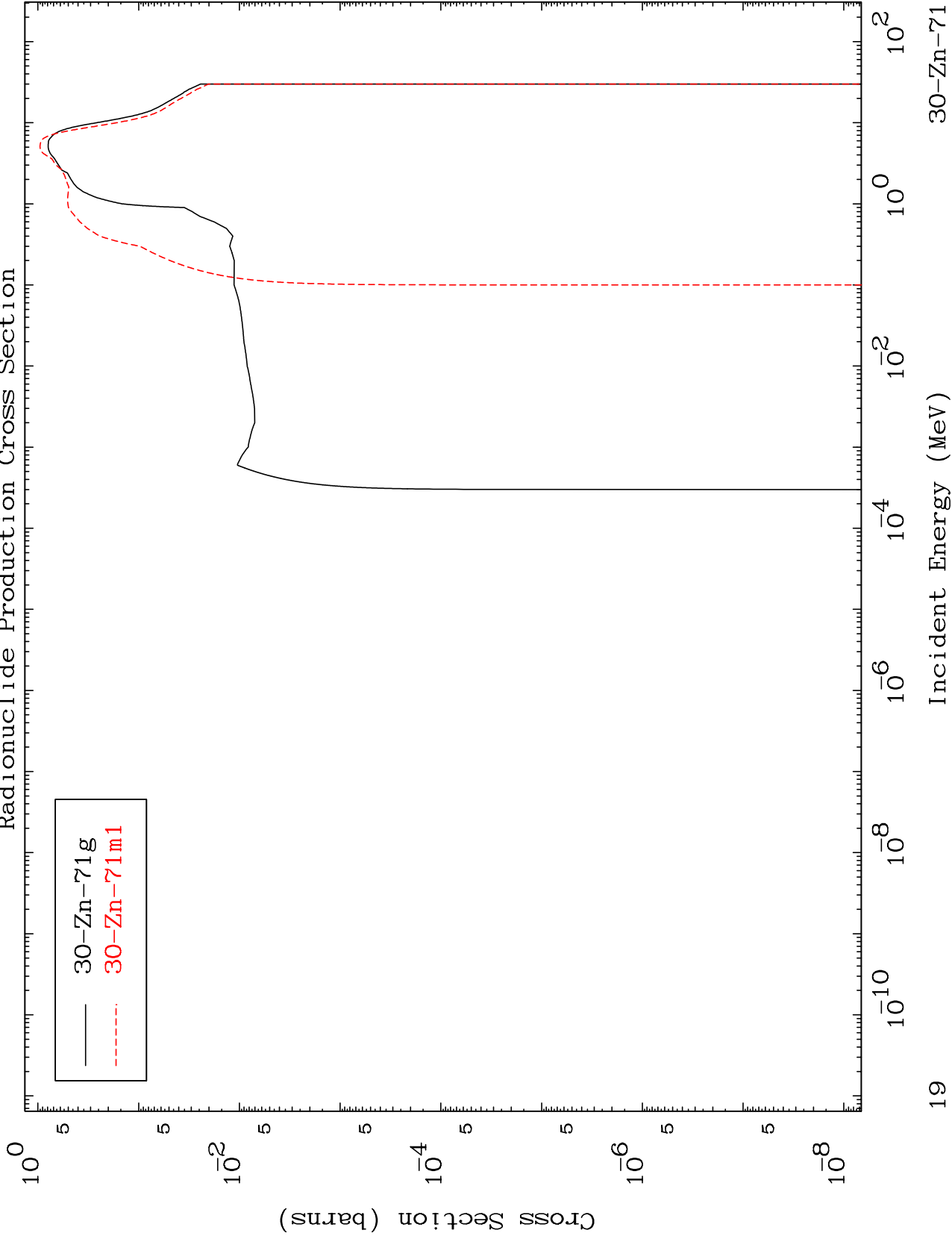
30-Zn-71



MAT 3047

30-Zn-71

Inelastic
Radionuclide Production Cross Section

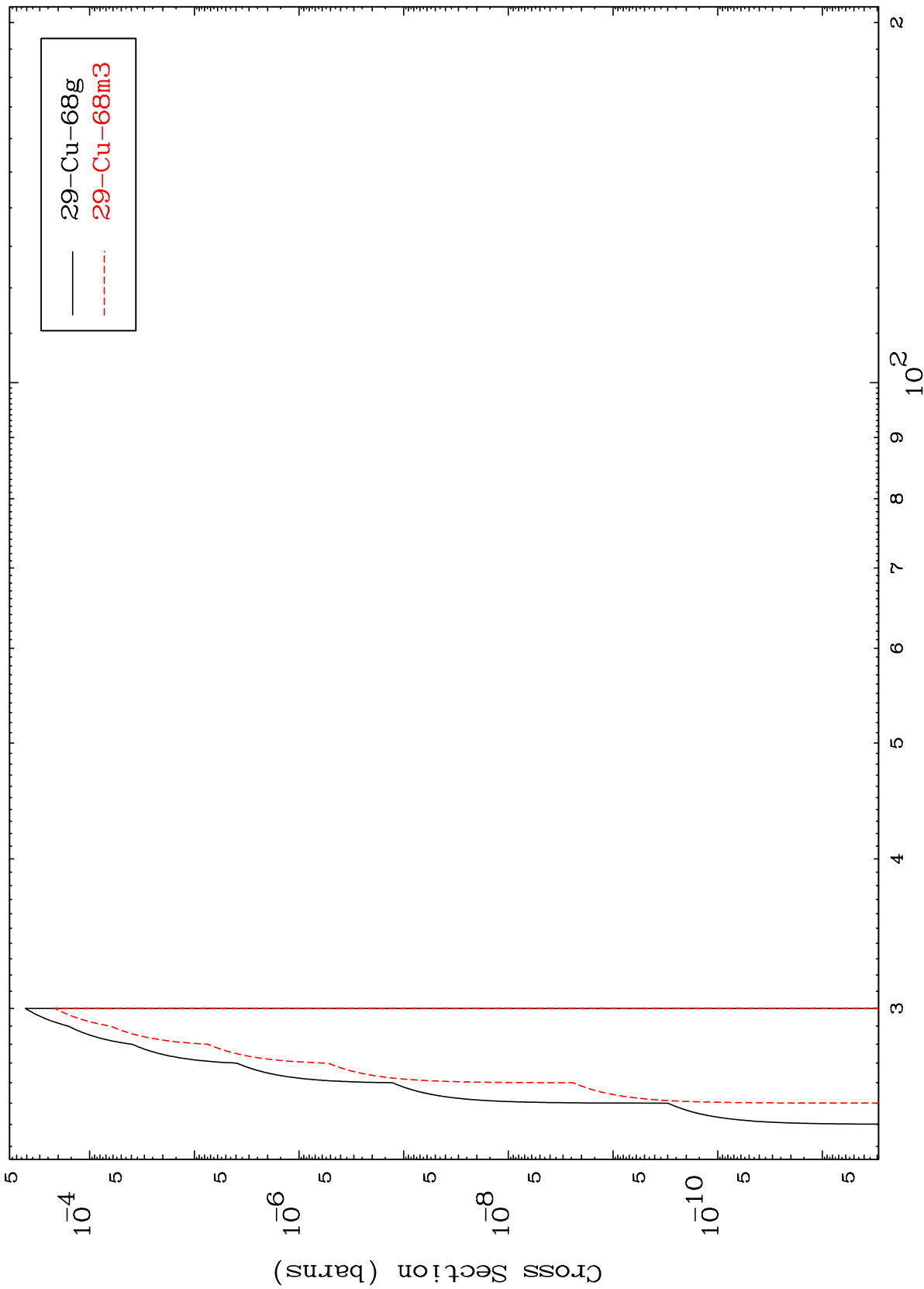


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(n,2n) d

30-Zn-71

Radionuclide Production Cross Section



20

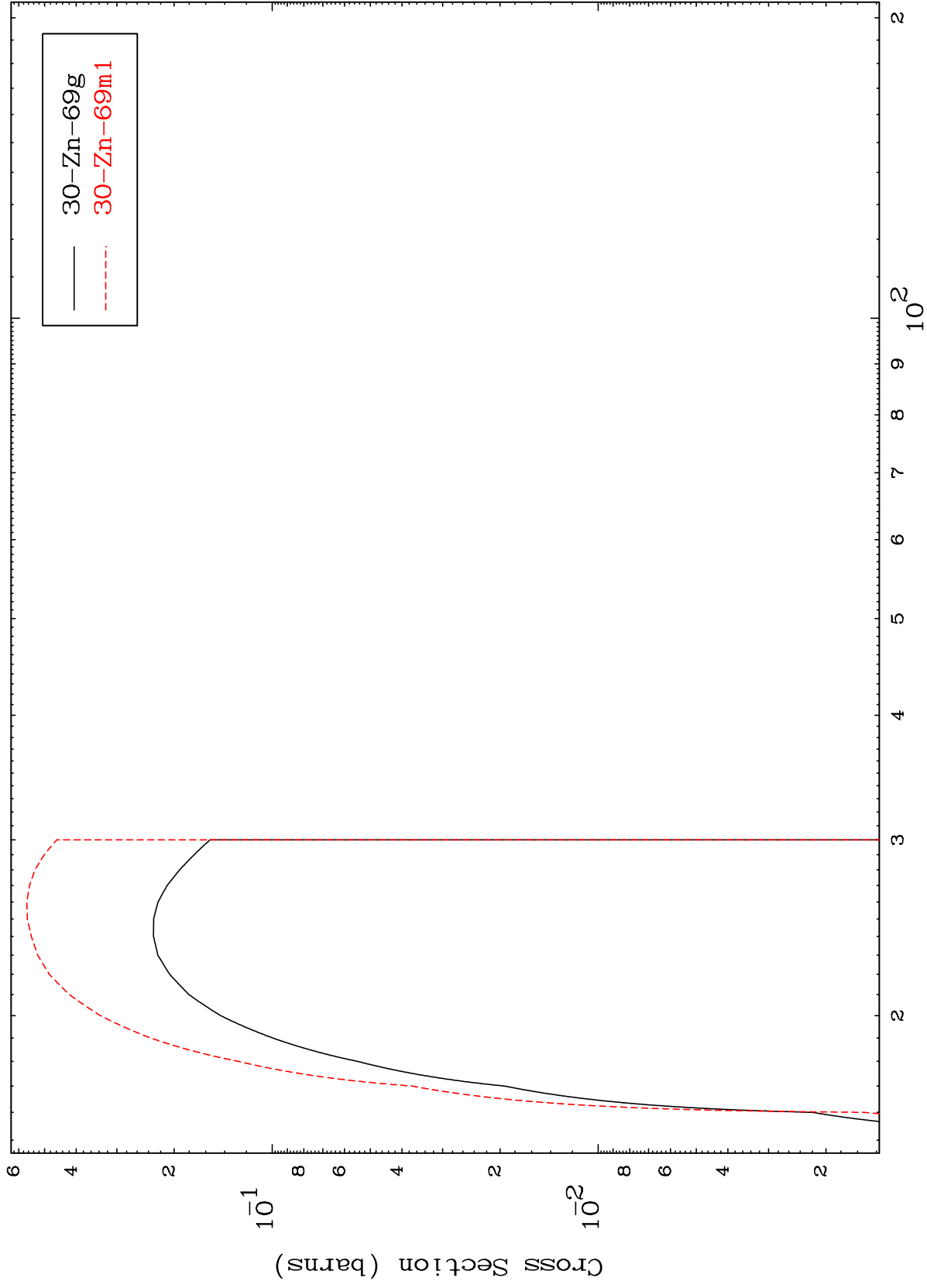
Incident Energy (MeV)

30-Zn-71

MAT 3047

30-Zn-71

(n,3n)
Radionuclide Production Cross Section

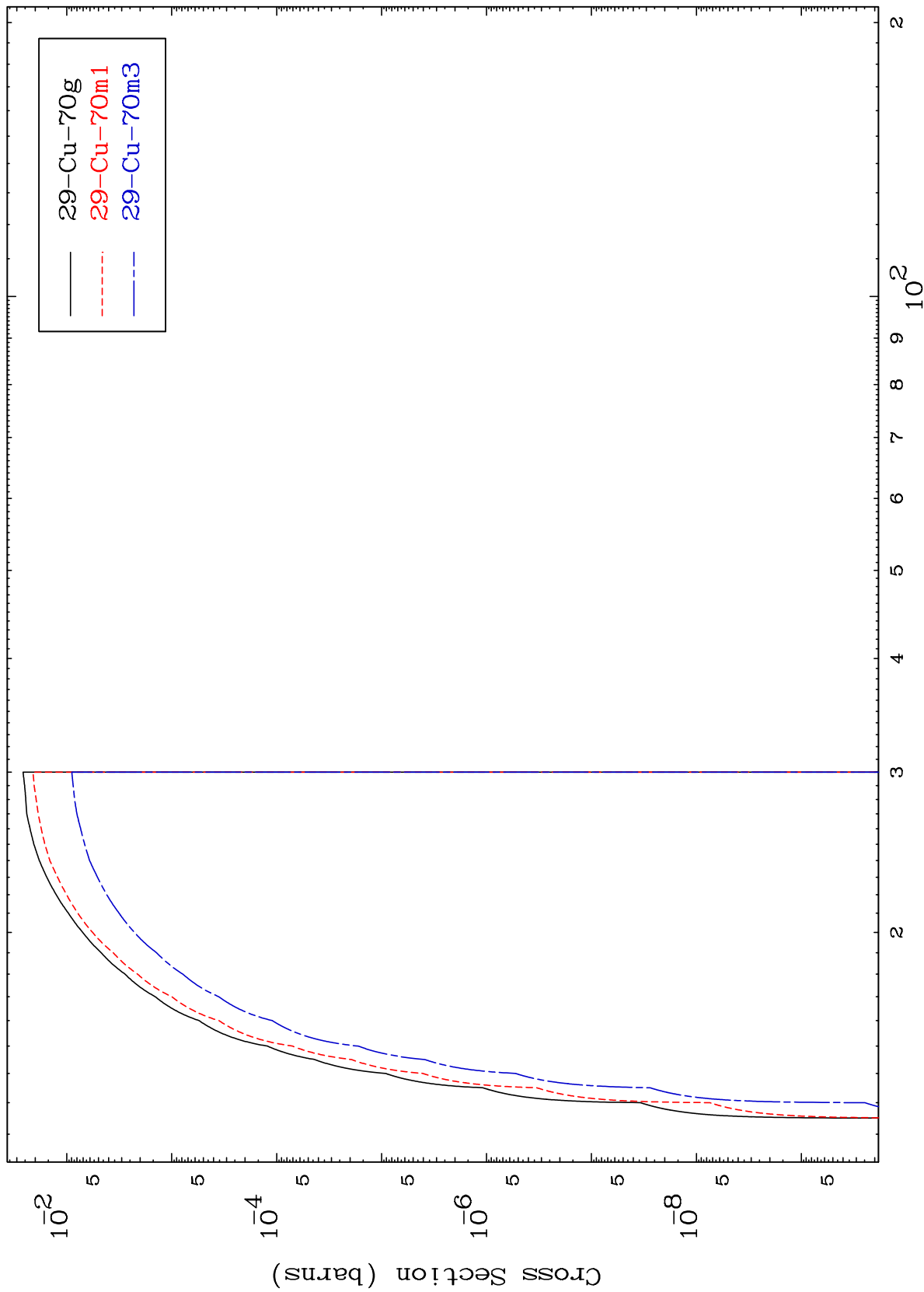


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Incident Energy (MeV)

30-Zn-71

Radionuclide Production Cross Section

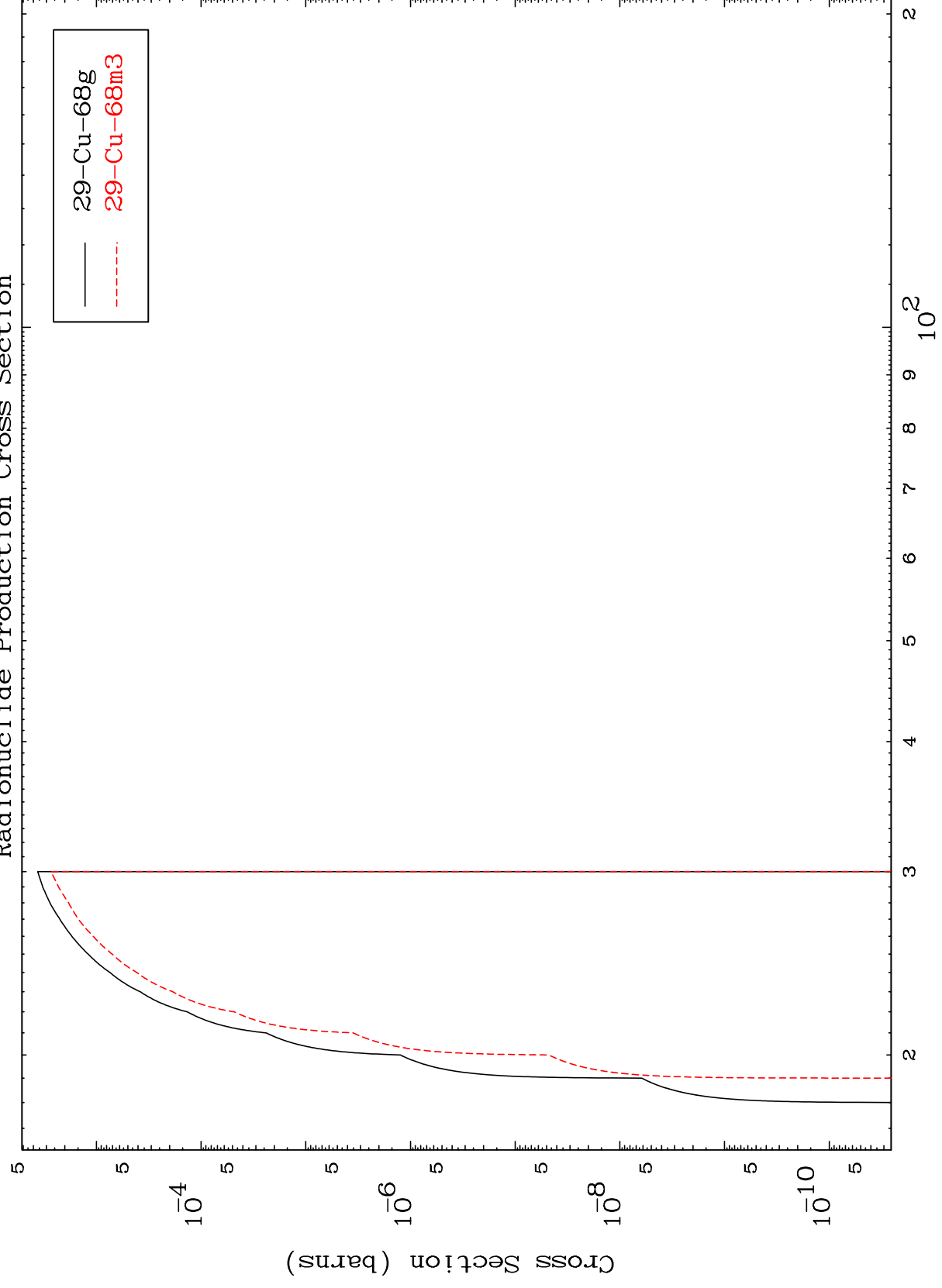


MAT 3047

(n,n') t

30-Zn-71

Radionuclide Production Cross Section



23

Incident Energy (MeV)

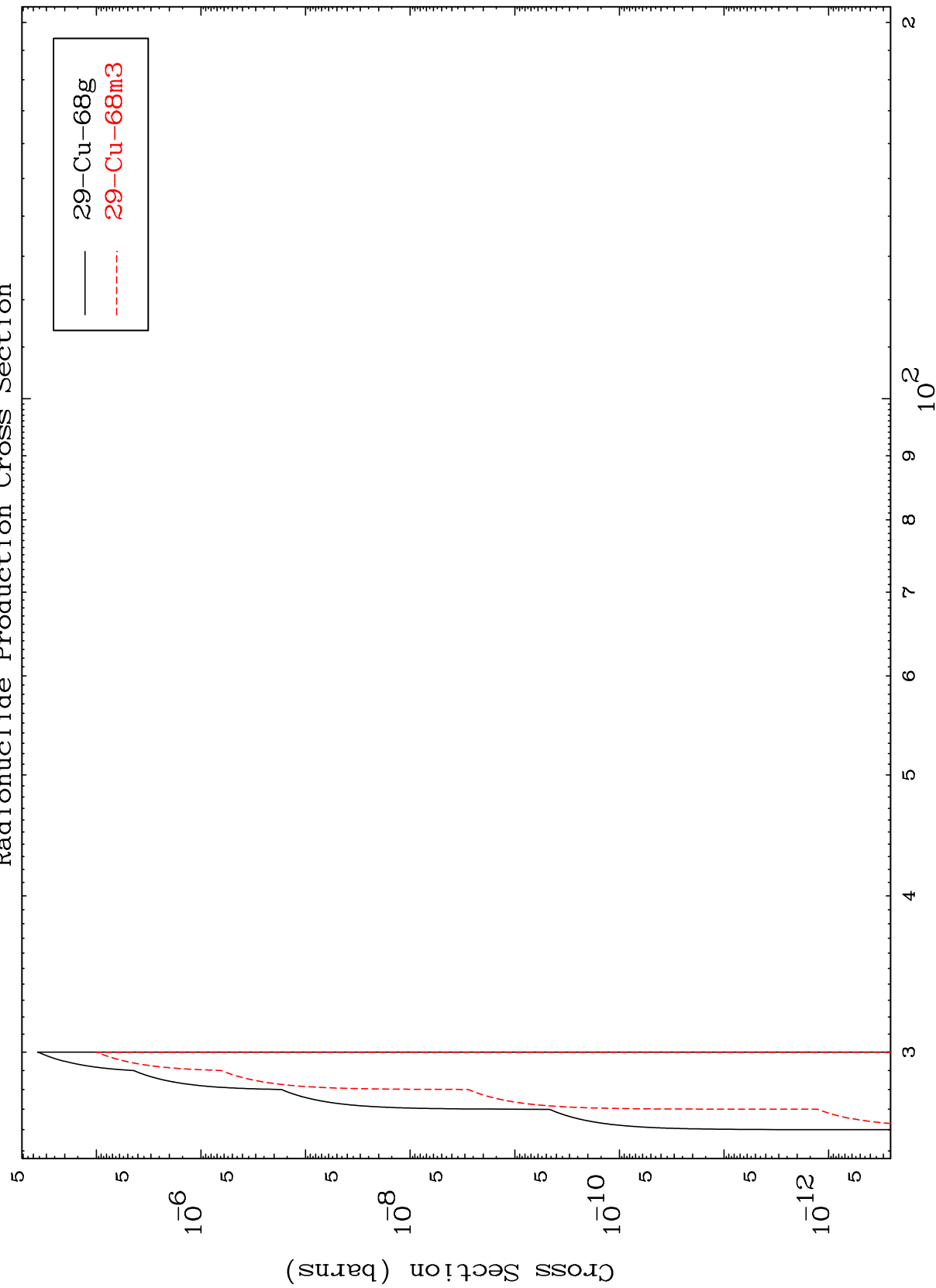
30-Zn-71

MAT 3047

(n,3n) p

30-Zn-71

Radionuclide Production Cross Section



24

Incident Energy (MeV)

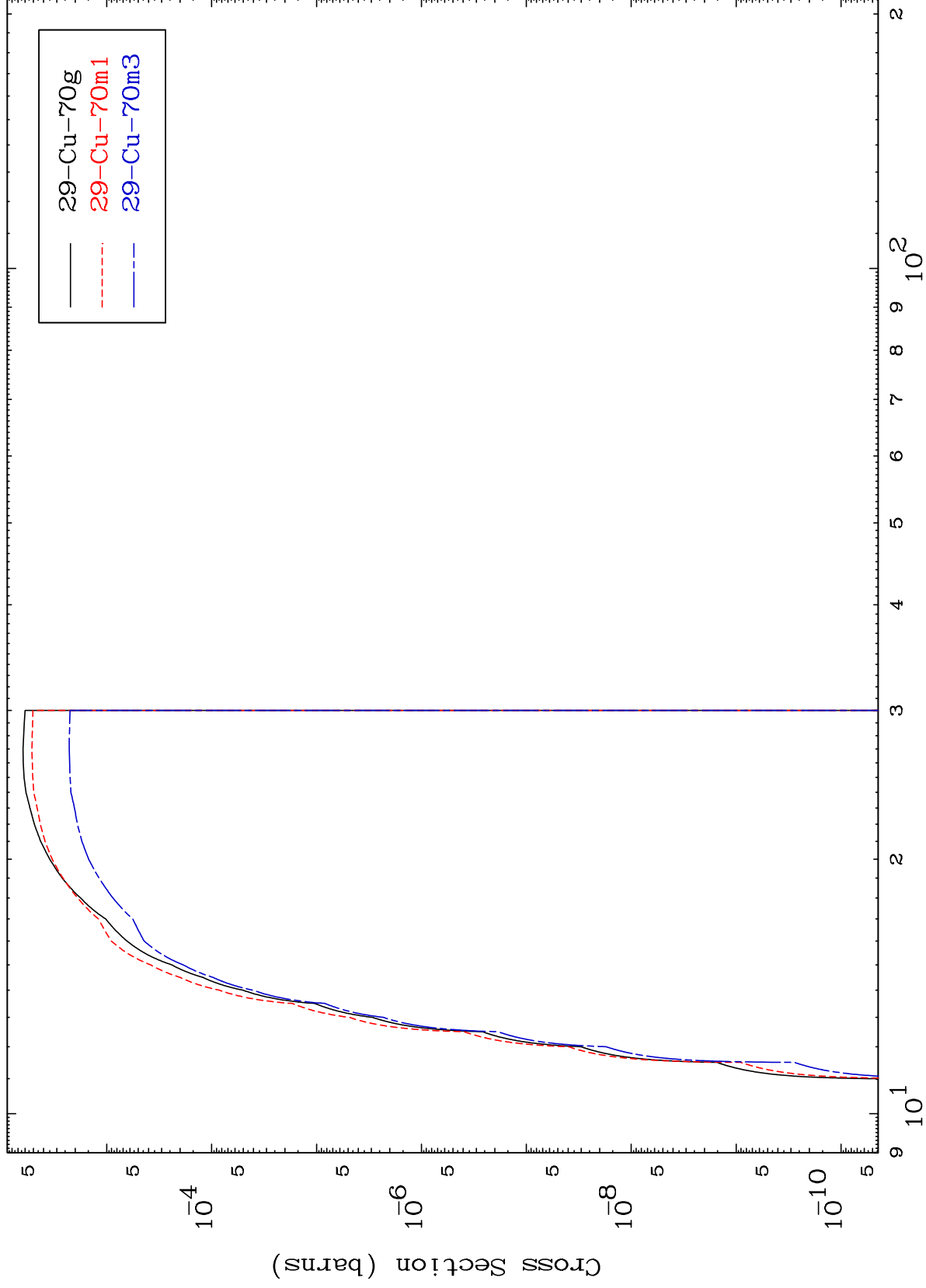
30-Zn-71

MAT 3047

(n,d)

30-Zn-71

Radionuclide Production Cross Section



Incident Energy (MeV)

30-Zn-71