

Program EVALPLOT
(Version 2015-2)

by

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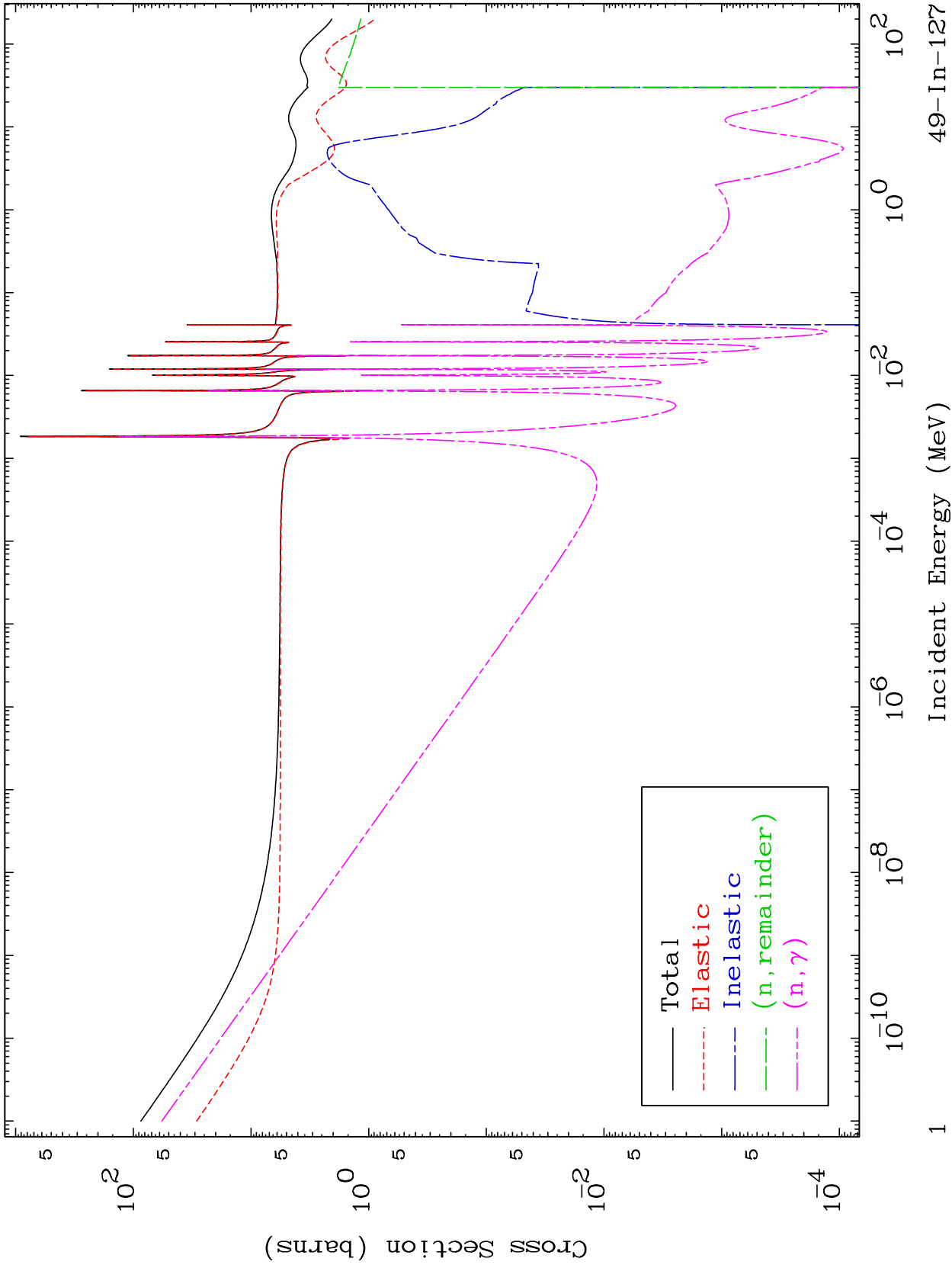
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4969

Major
293 Kelvin Cross Sections

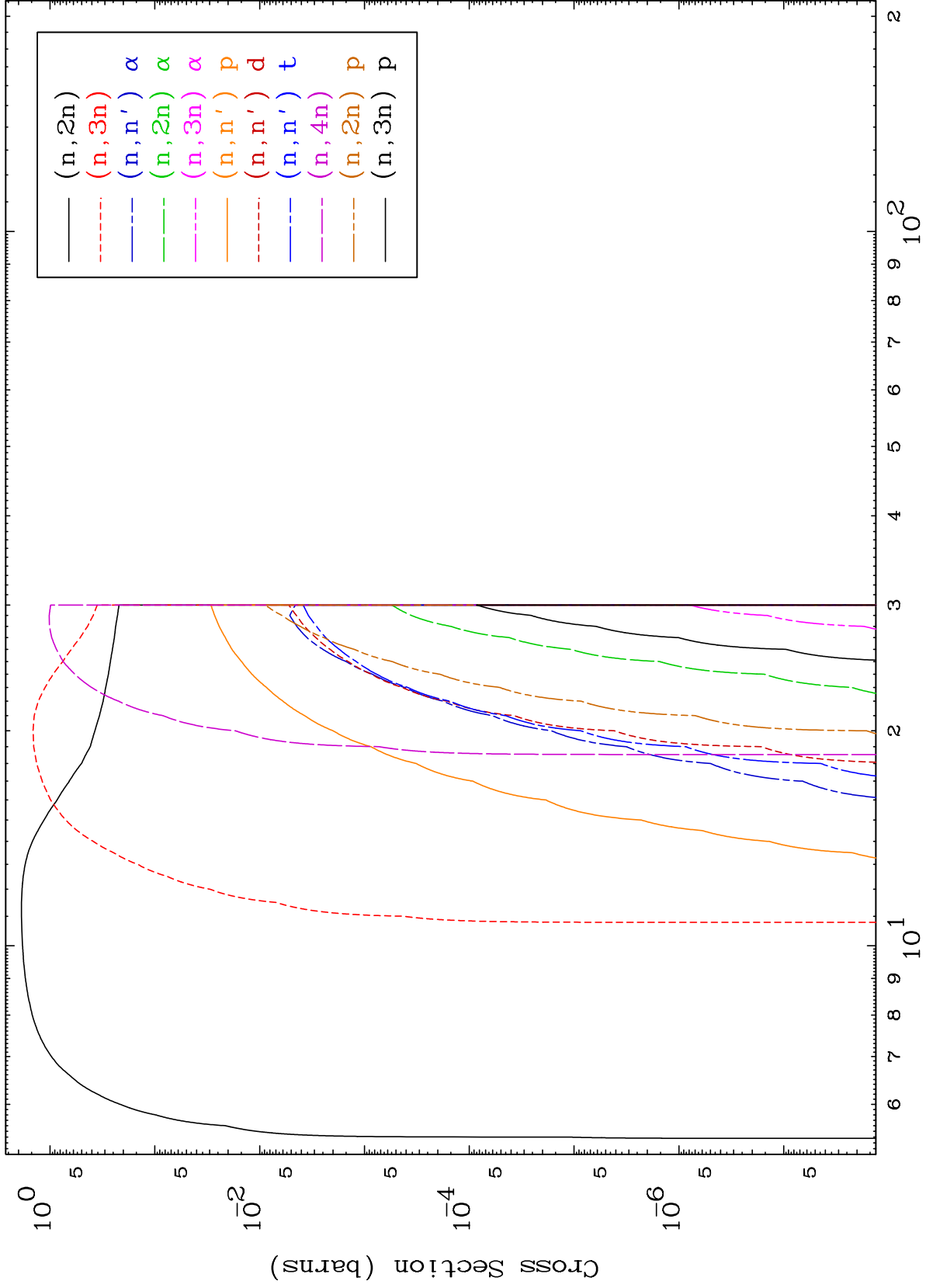
49-In-127

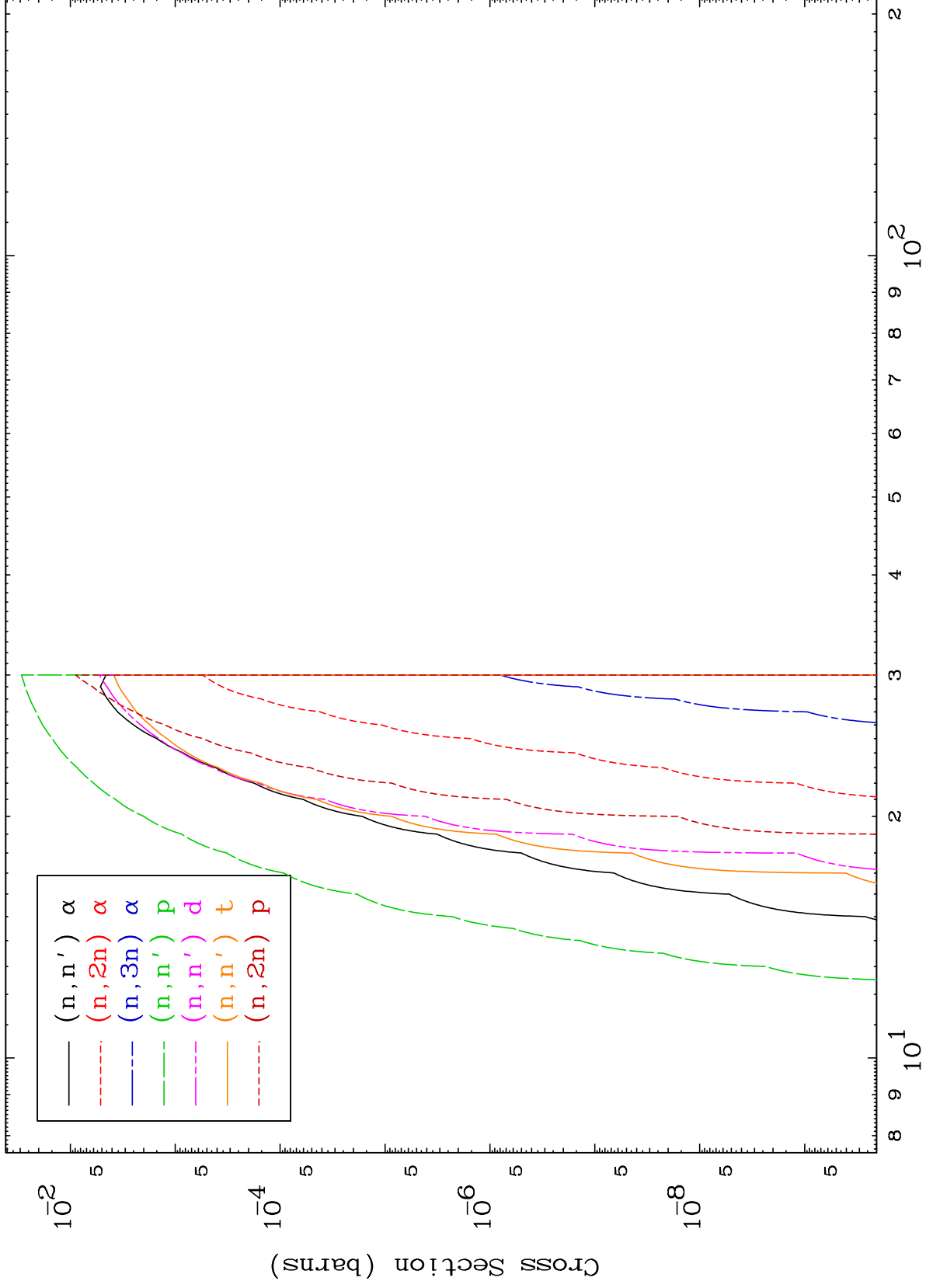


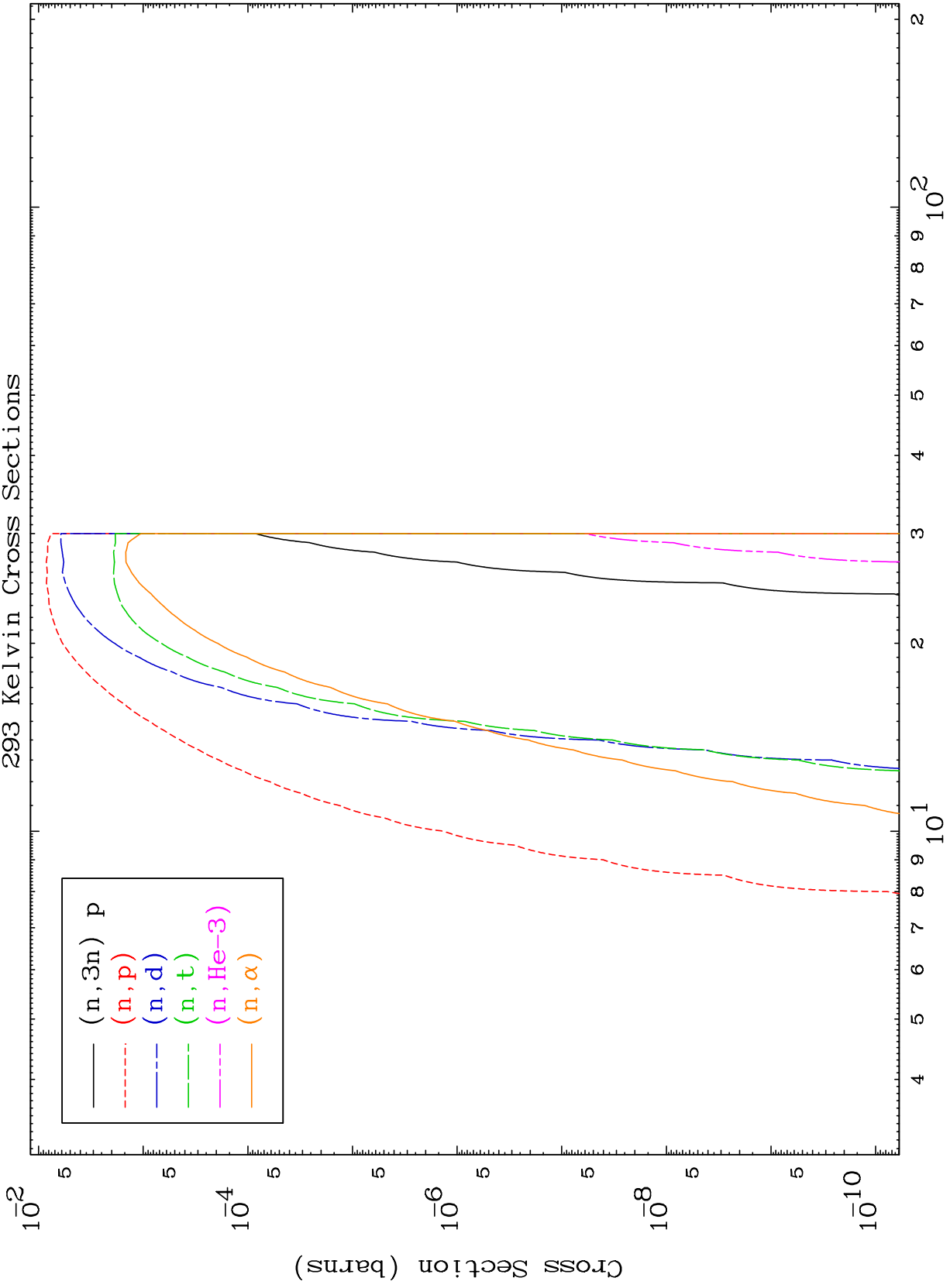
MAT 4969

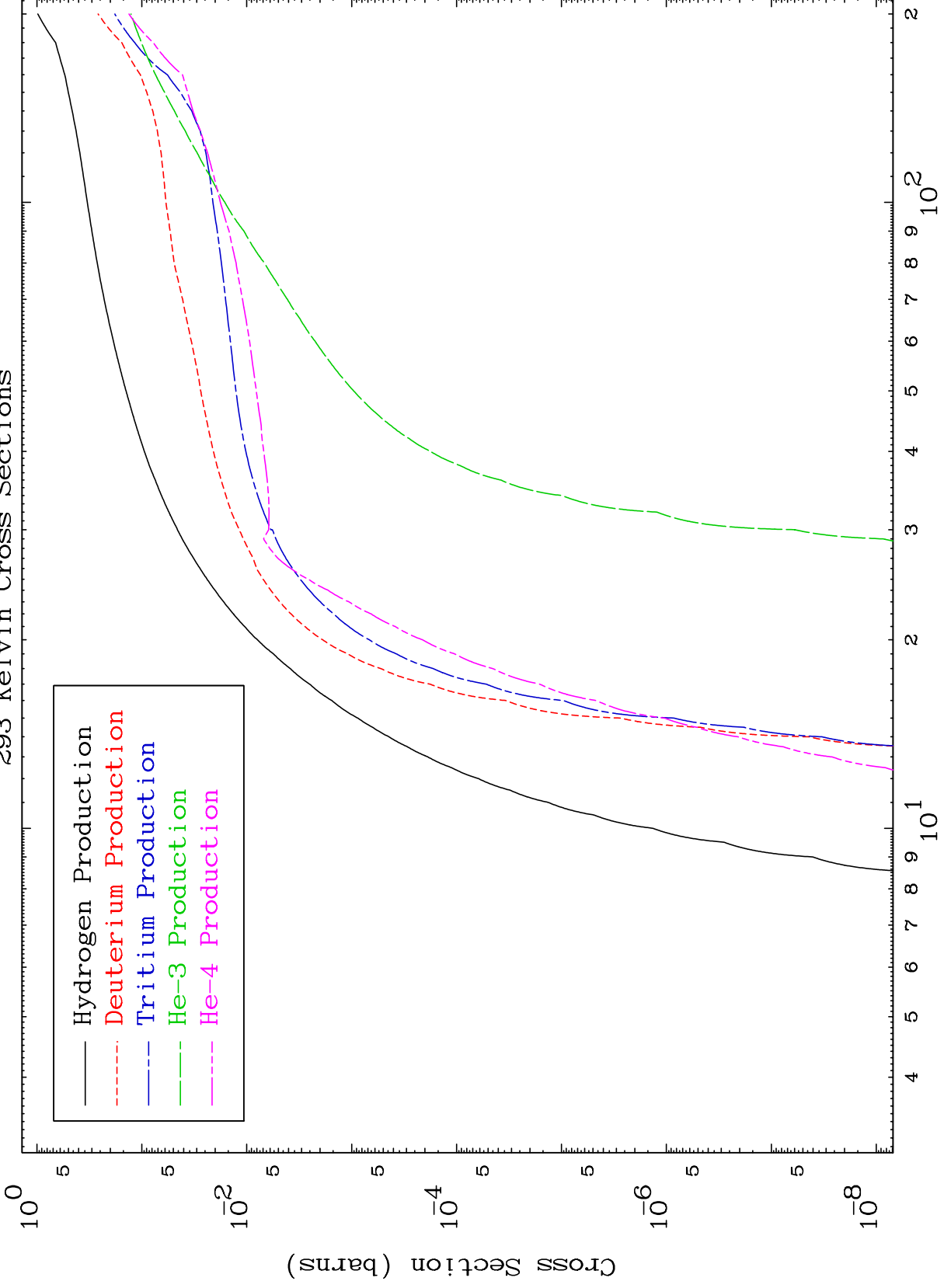
Neutron Production
293 Kelvin Cross Sections

49-In-127





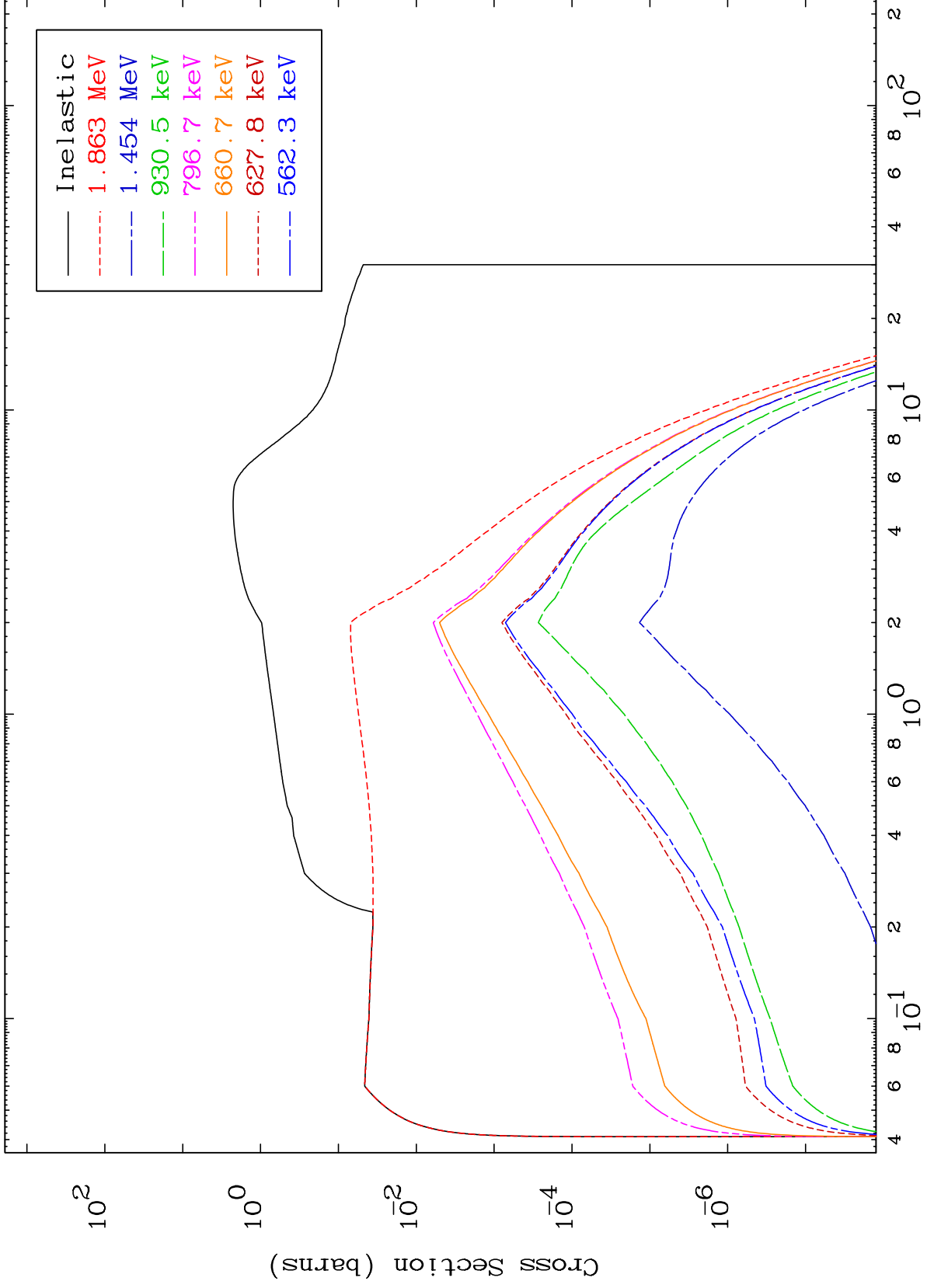




MAT 4969

(n,n') Level
293 Kelvin Cross Sections

49-In-127



6

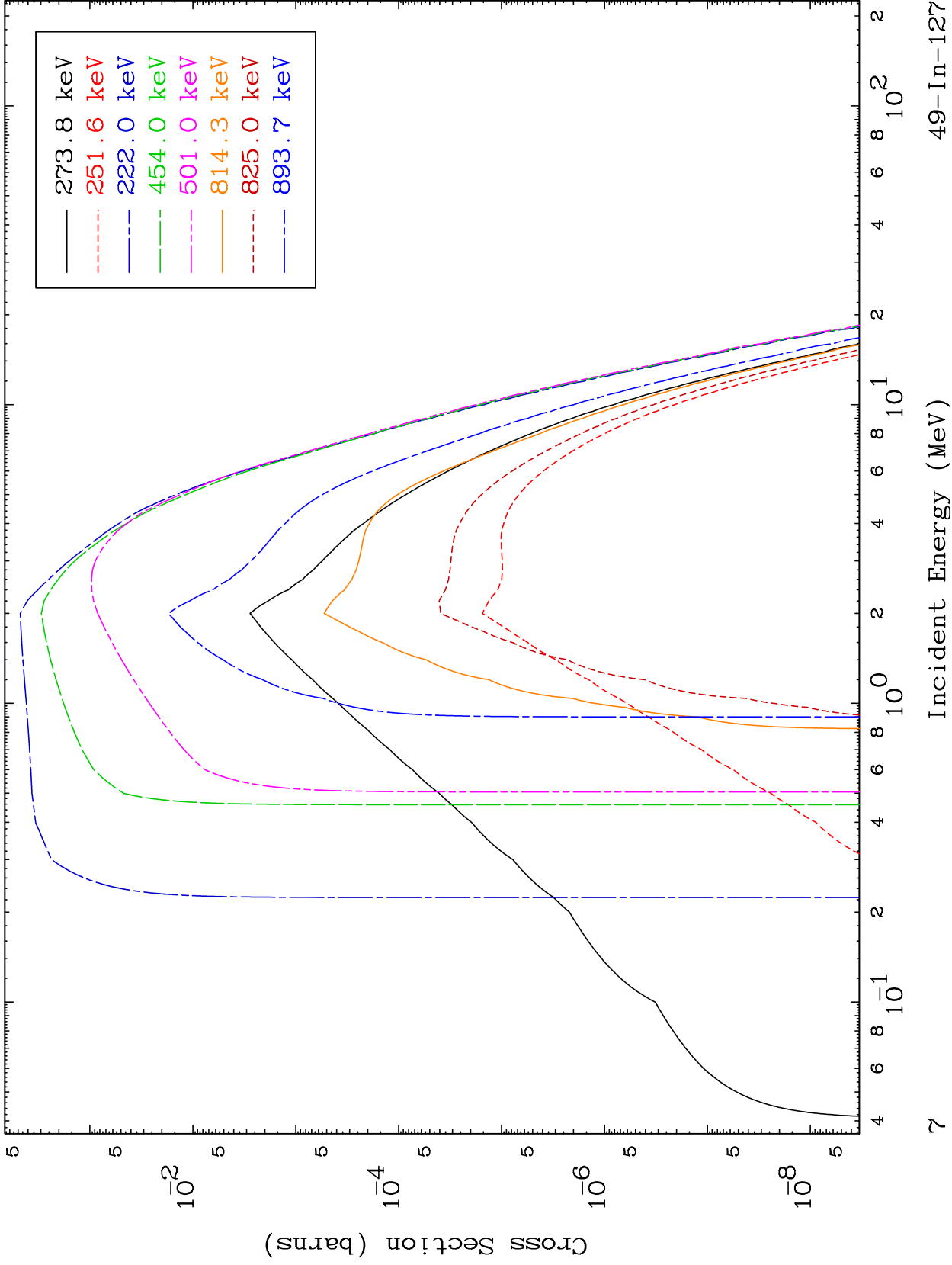
Incident Energy (MeV)

49-In-127

MAT 4969

(n,n') Level
293 Kelvin Cross Sections

49-In-127

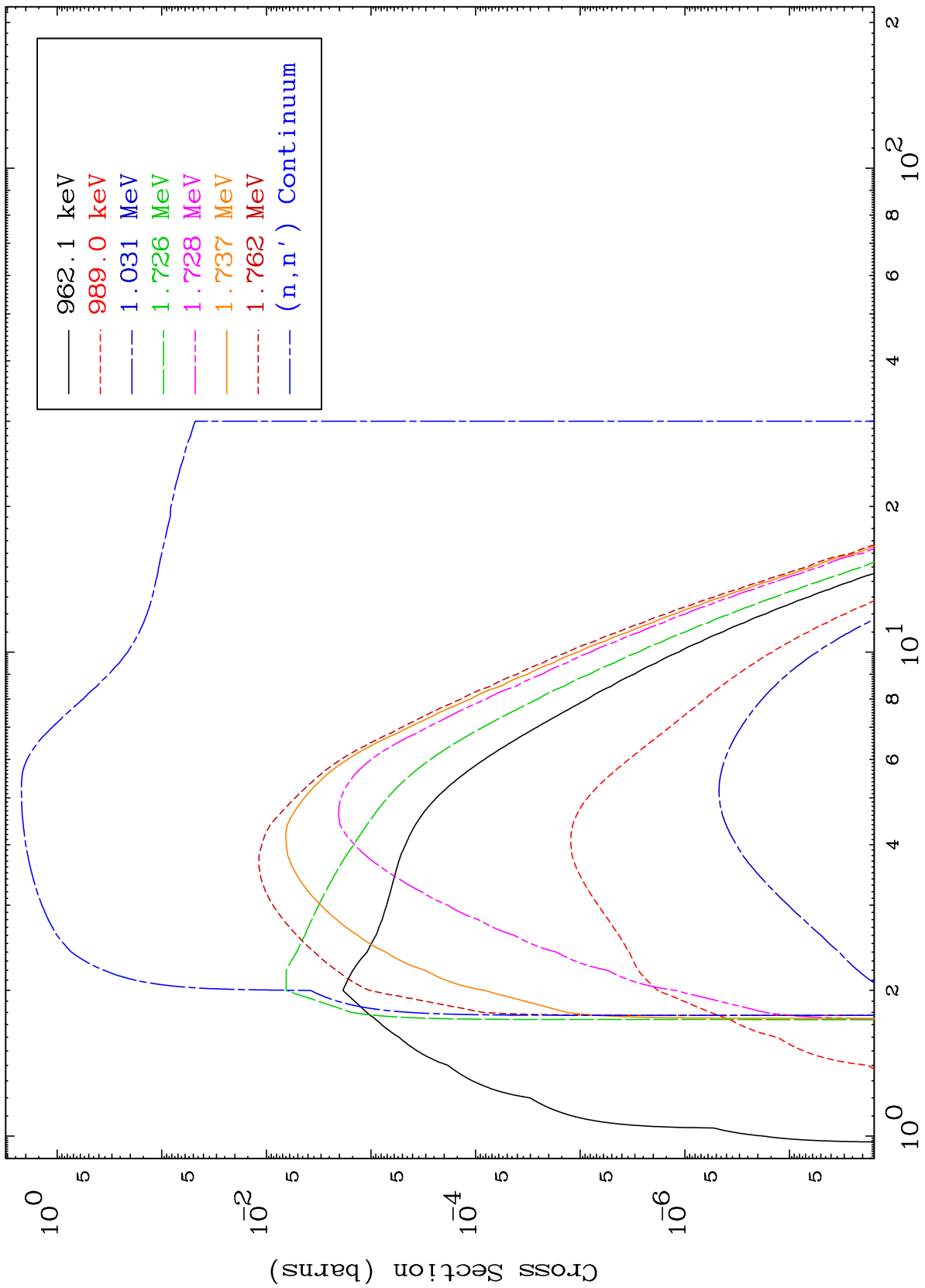


MAT 4969

(n,n') Level

49-In-127

293 Kelvin Cross Sections



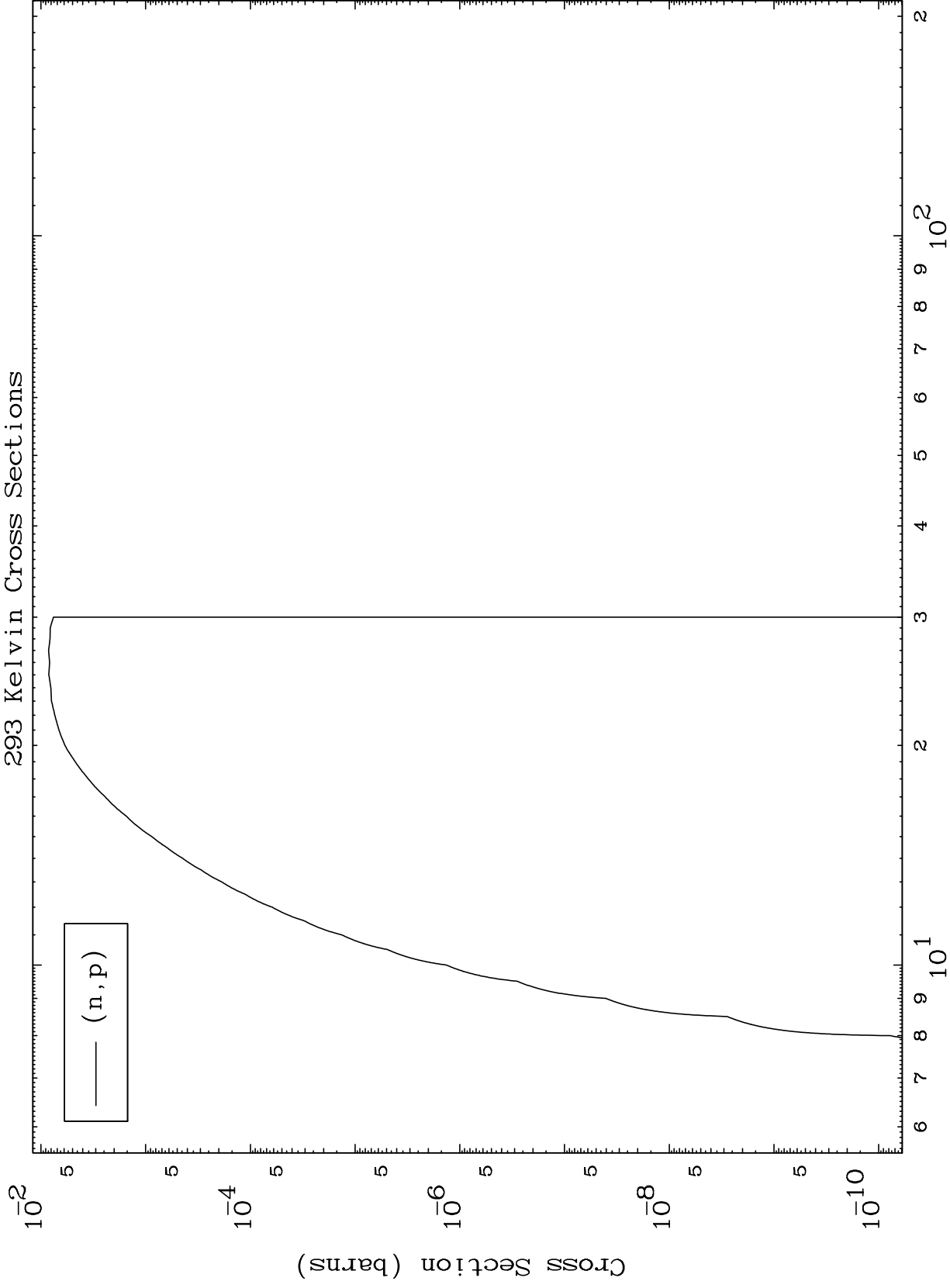
Incident Energy (MeV)

49-In-127

MAT 4969

(n,p) Levels
293 Kelvin Cross Sections

49-In-127



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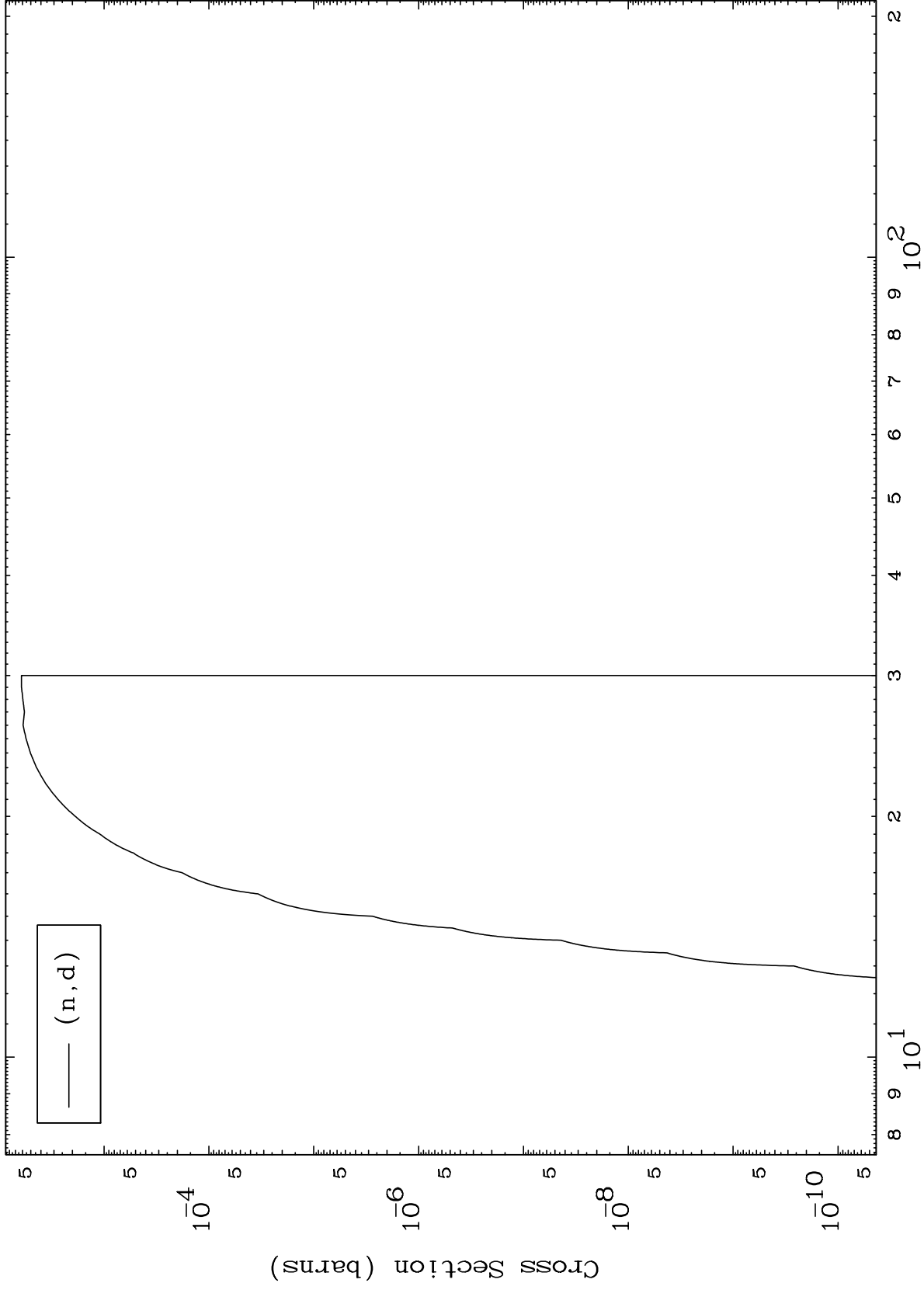
Incident Energy (MeV)

49-In-127

MAT 4969

(n,d) Levels
293 Kelvin Cross Sections

49-In-127



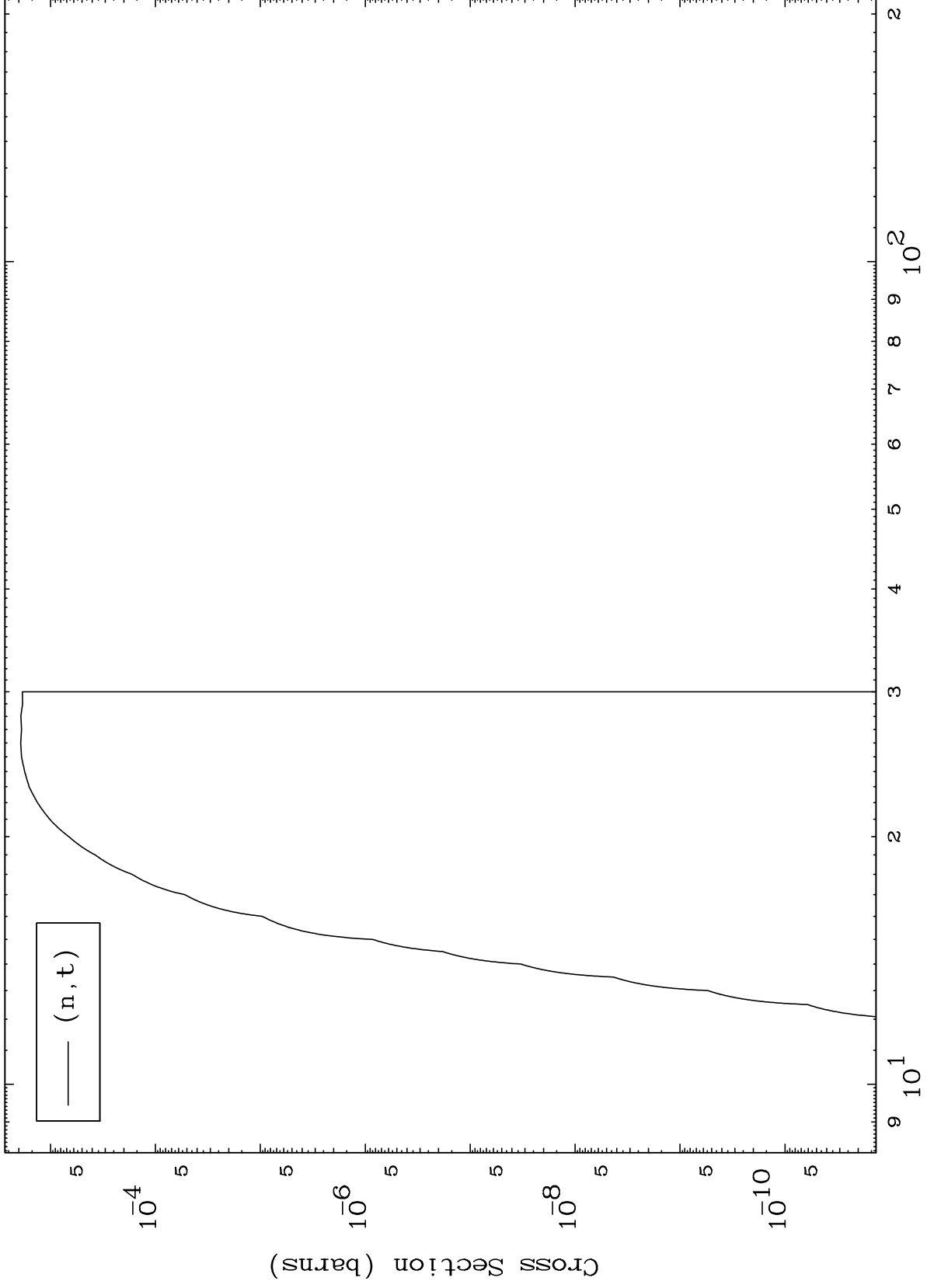
Incident Energy (MeV)

49-In-127

MAT 4969

(n,t) Levels
293 Kelvin Cross Sections

49-In-127



11

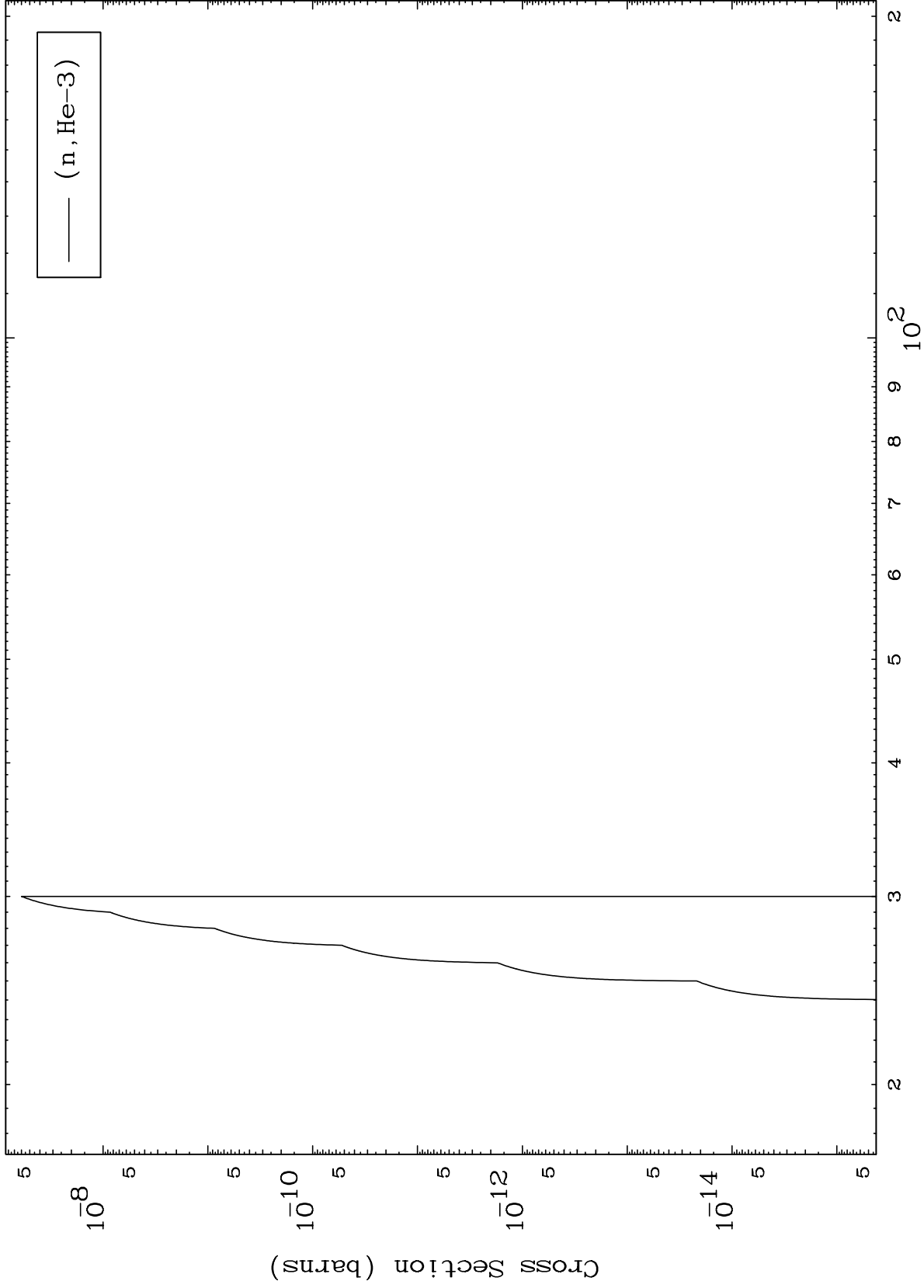
Incident Energy (MeV)

49-In-127

MAT 4969

(n,He3) Levels
293 Kelvin Cross Sections

49-In-127



12

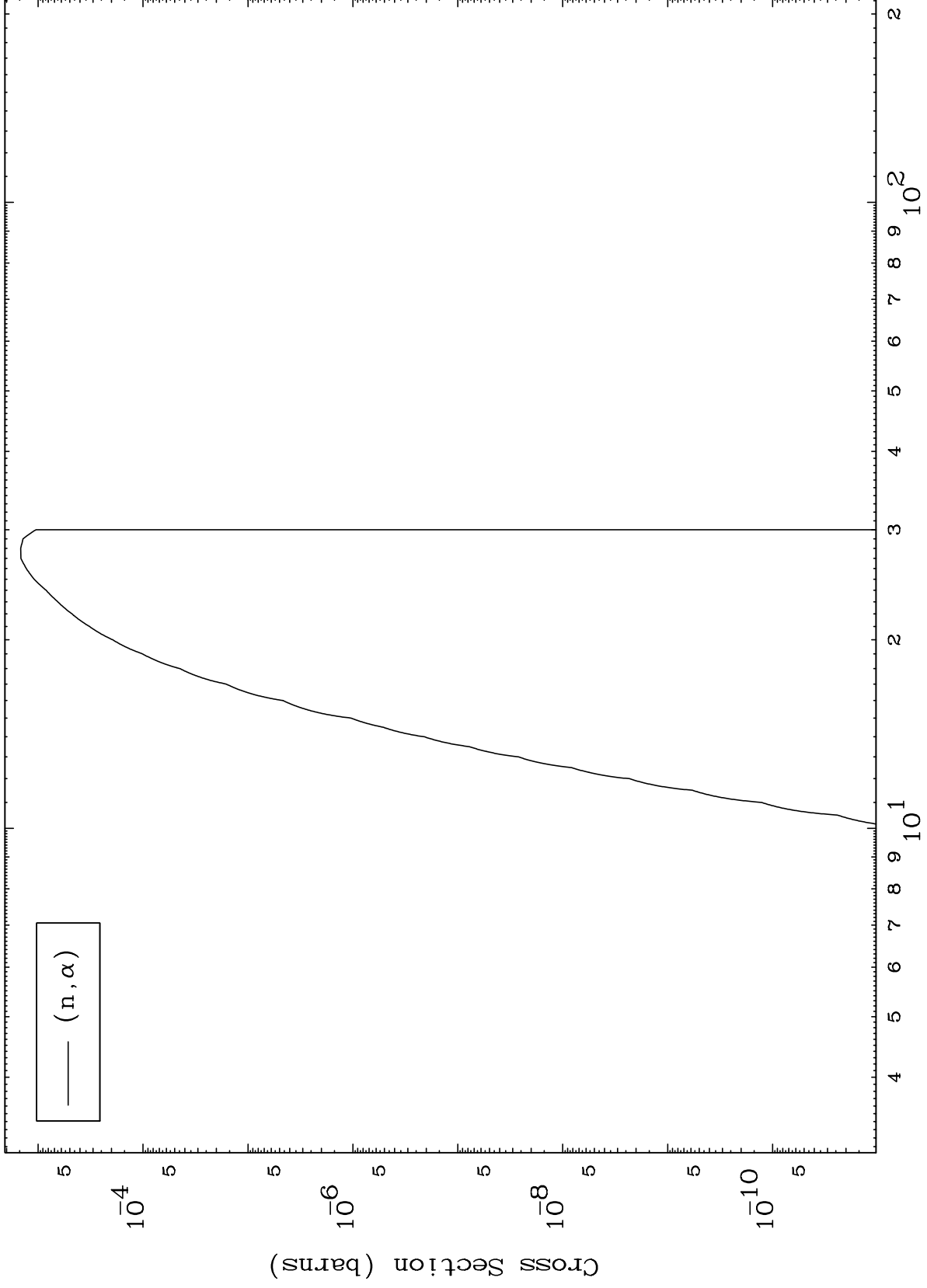
Incident Energy (MeV)

49-In-127

MAT 4969

(n, α) Levels
293 Kelvin Cross Sections

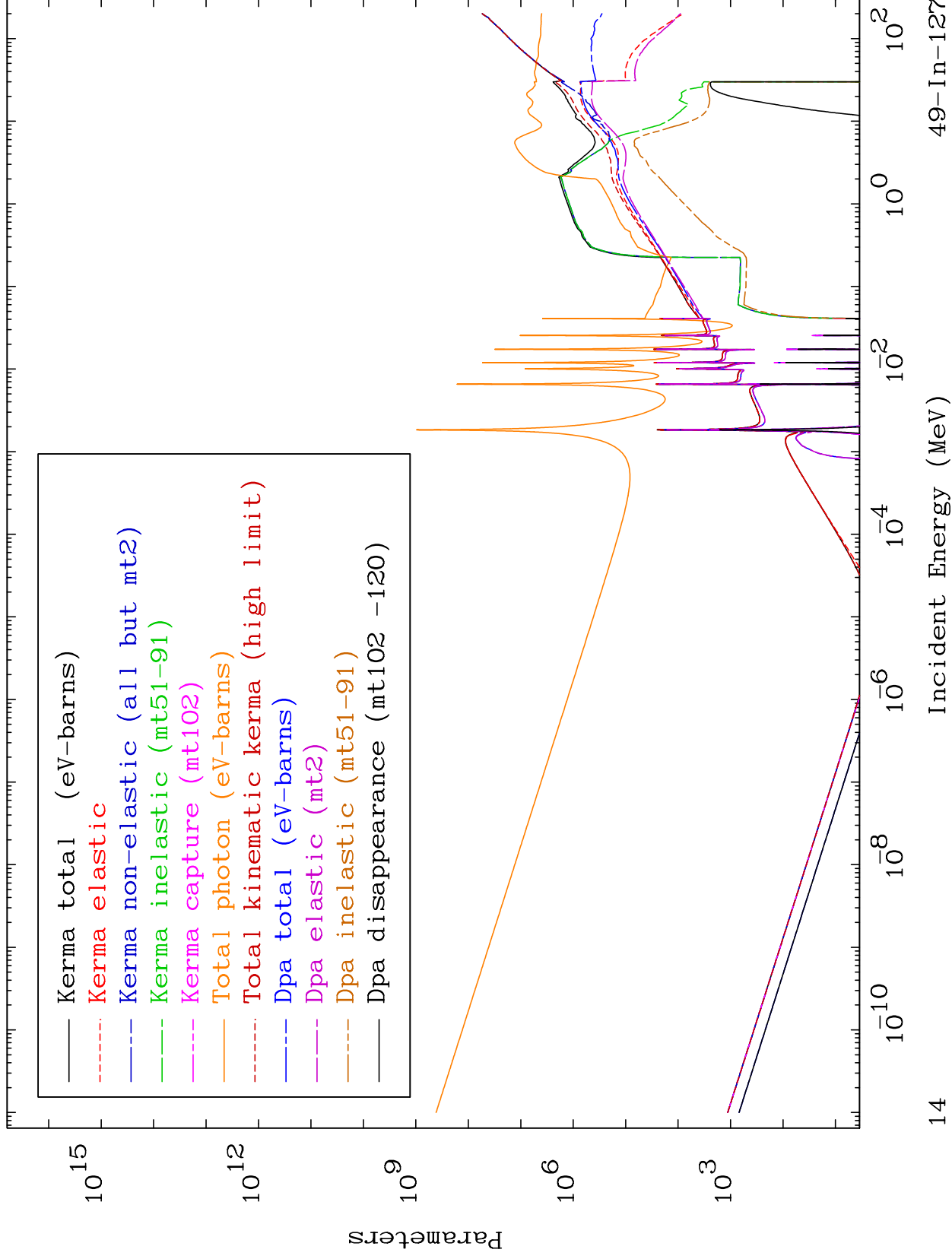
49-In-127

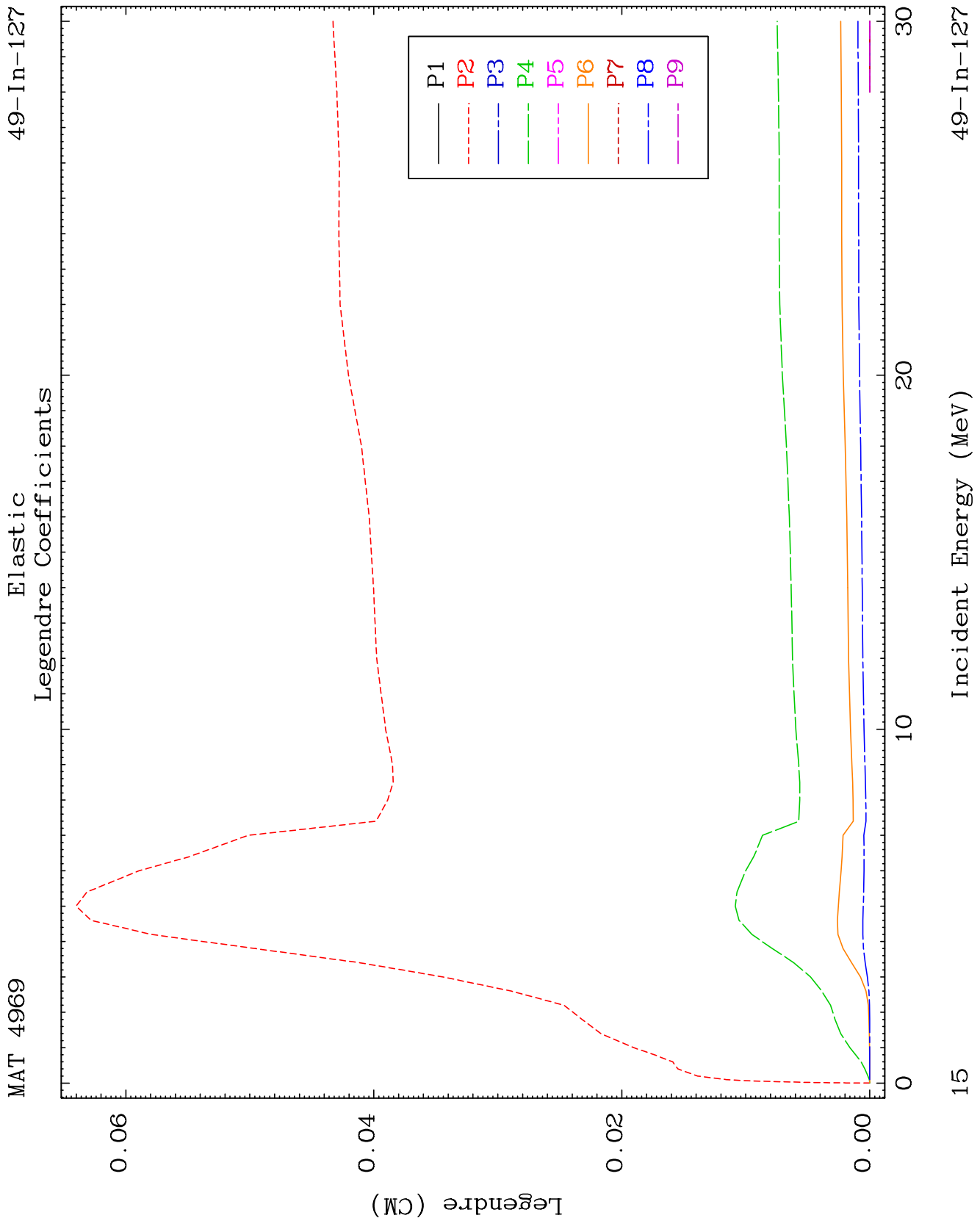


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Incident Energy (MeV)

49-In-127





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49-In-127

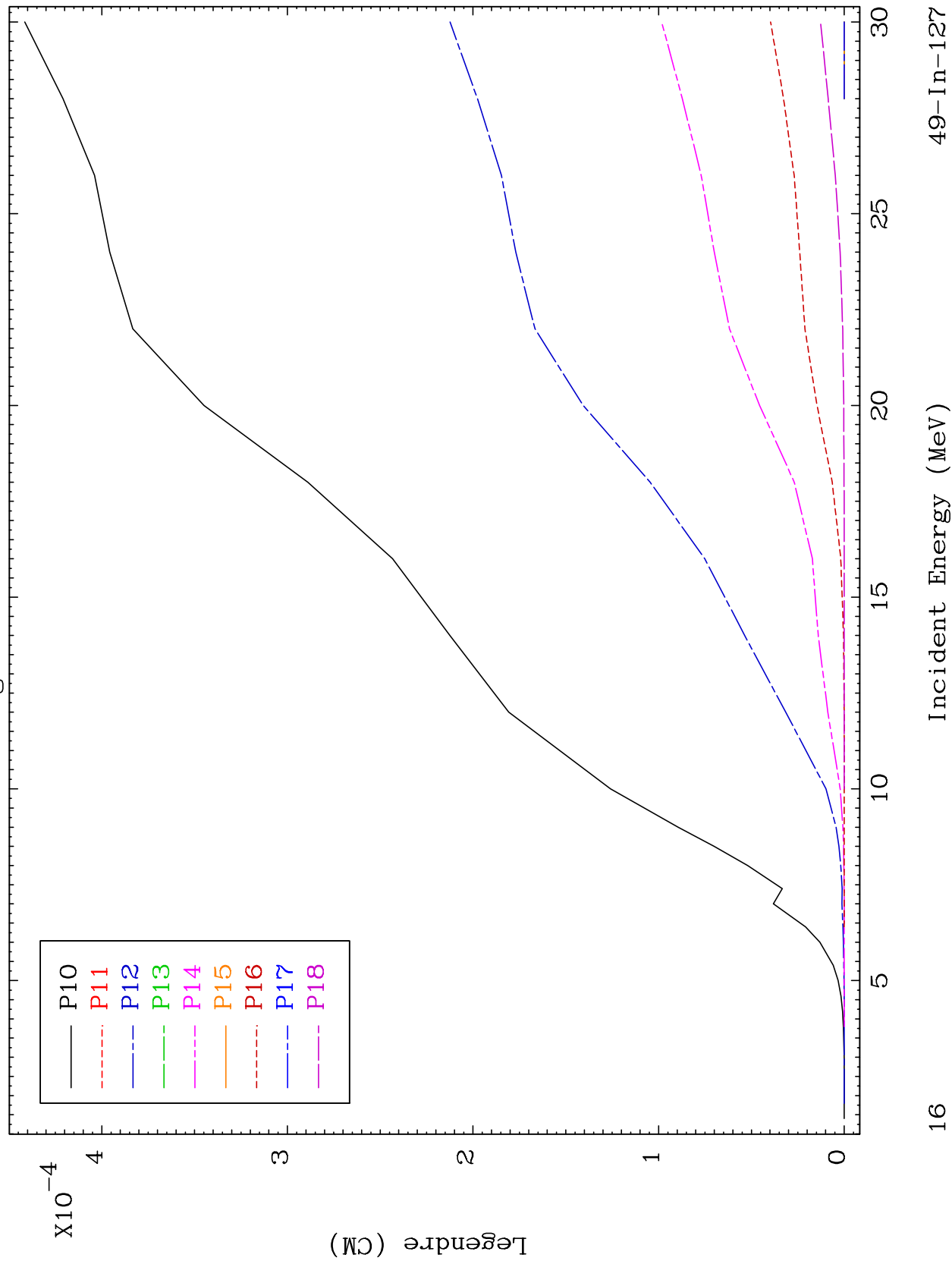
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49-In-127

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Elastic Legendre Coefficients

49-In-127



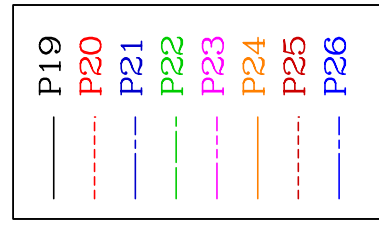
16

49-In-127

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Elastic
Legendre Coefficients

49-In-127



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

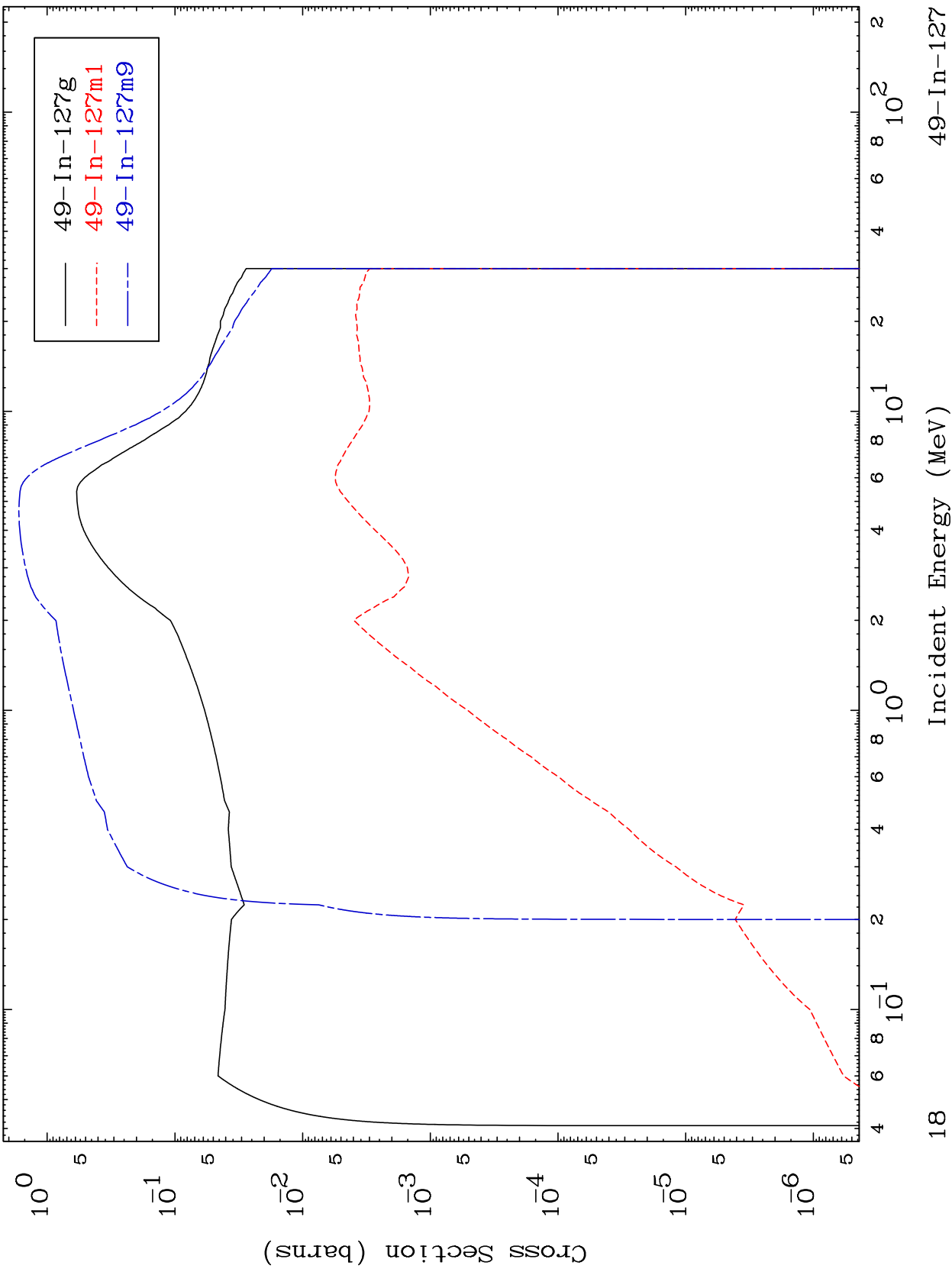
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49-In-127

Inelastic
Radionuclide Production Cross Section



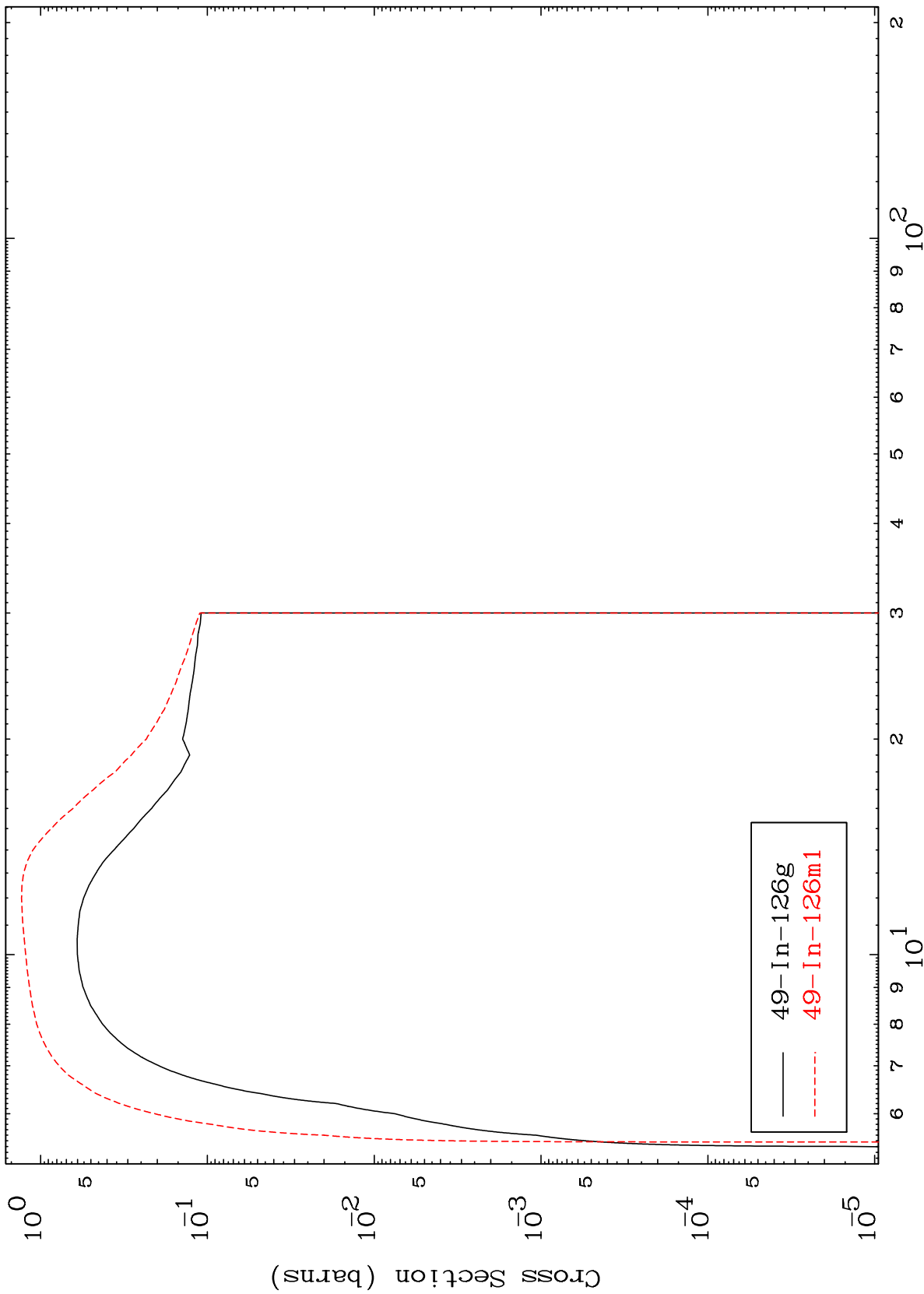
18

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49-In-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

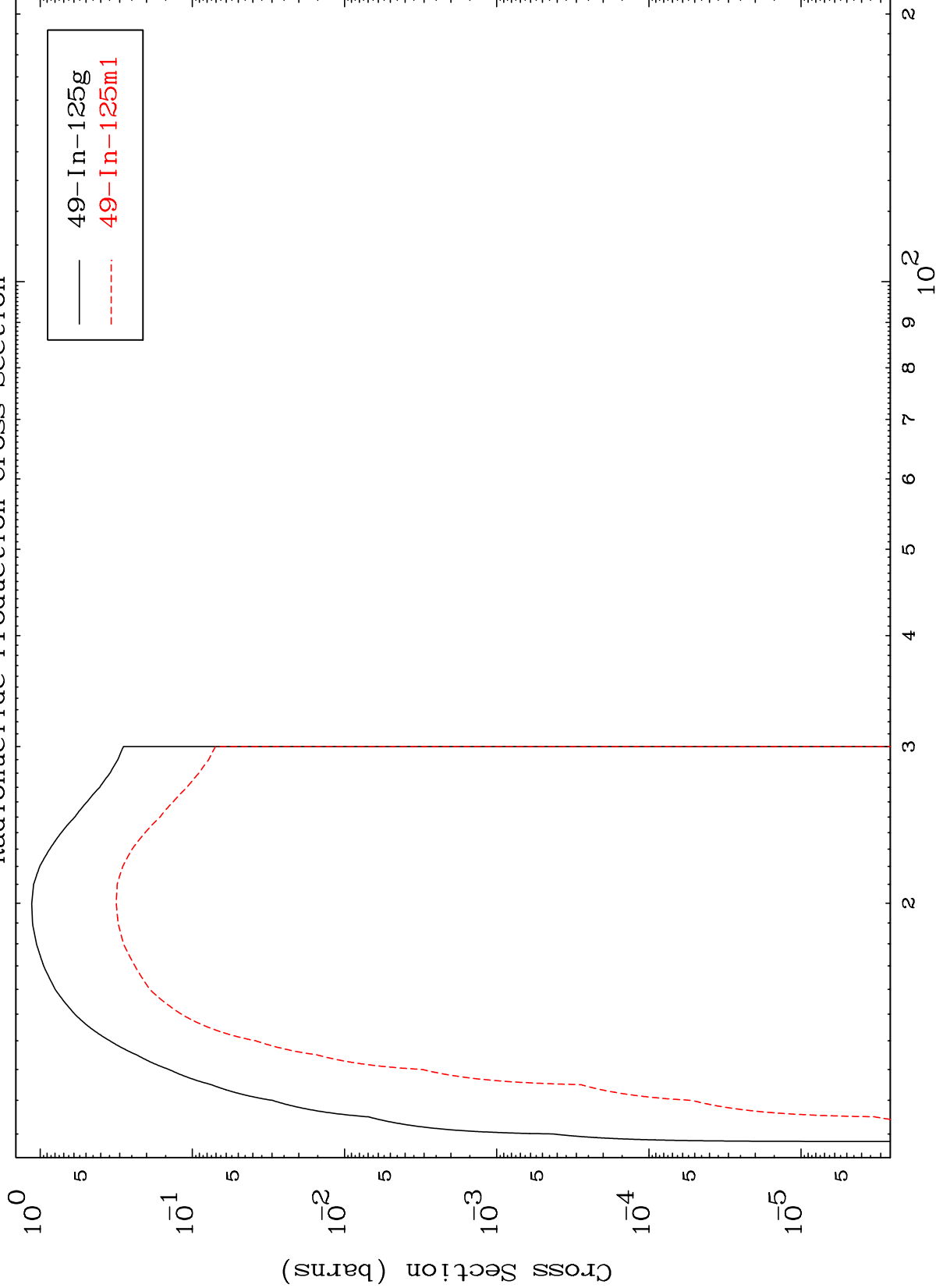
49-In-127

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(n,3n)

49-In-127

Radionuclide Production Cross Section



20

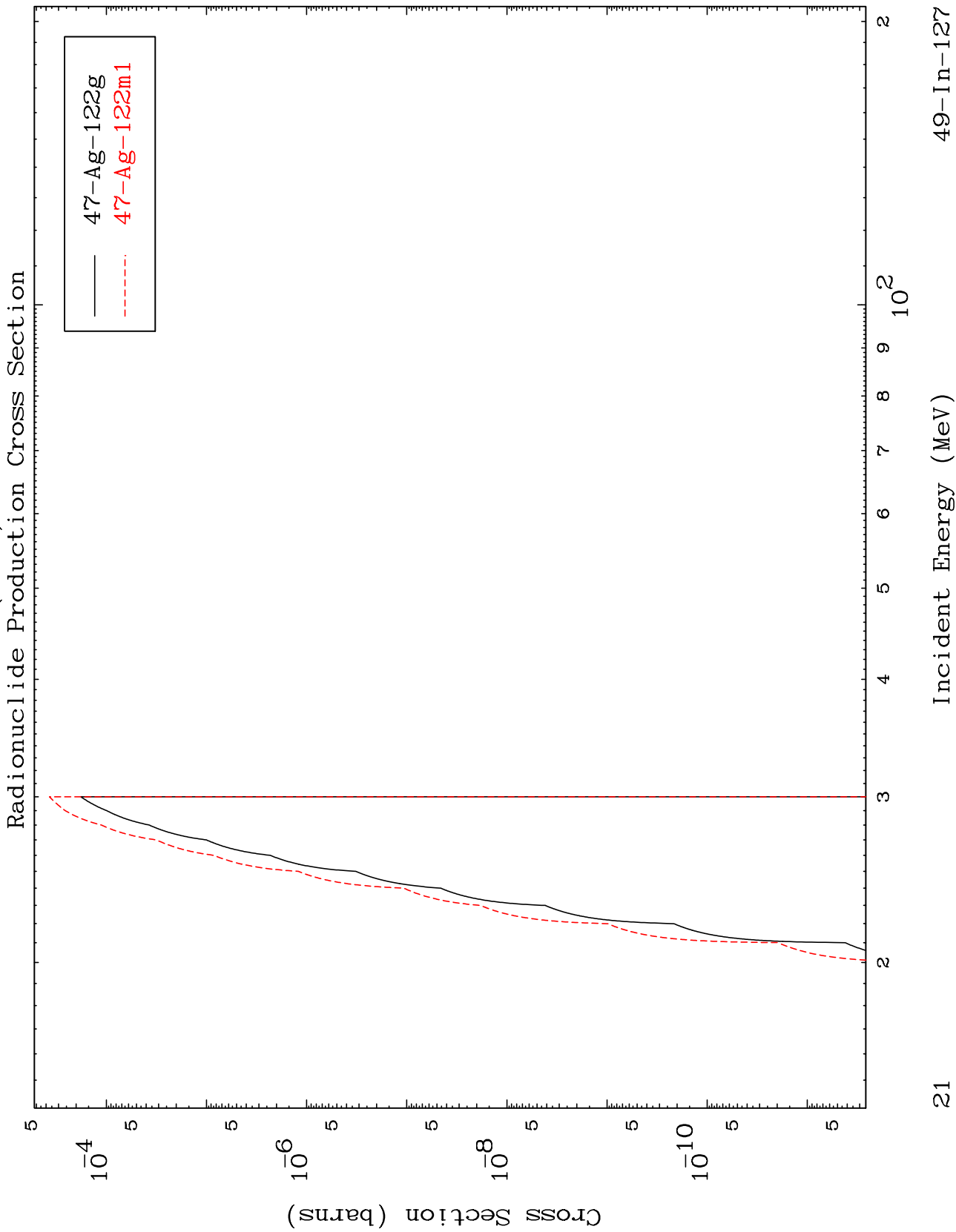
Incident Energy (MeV)

49-In-127

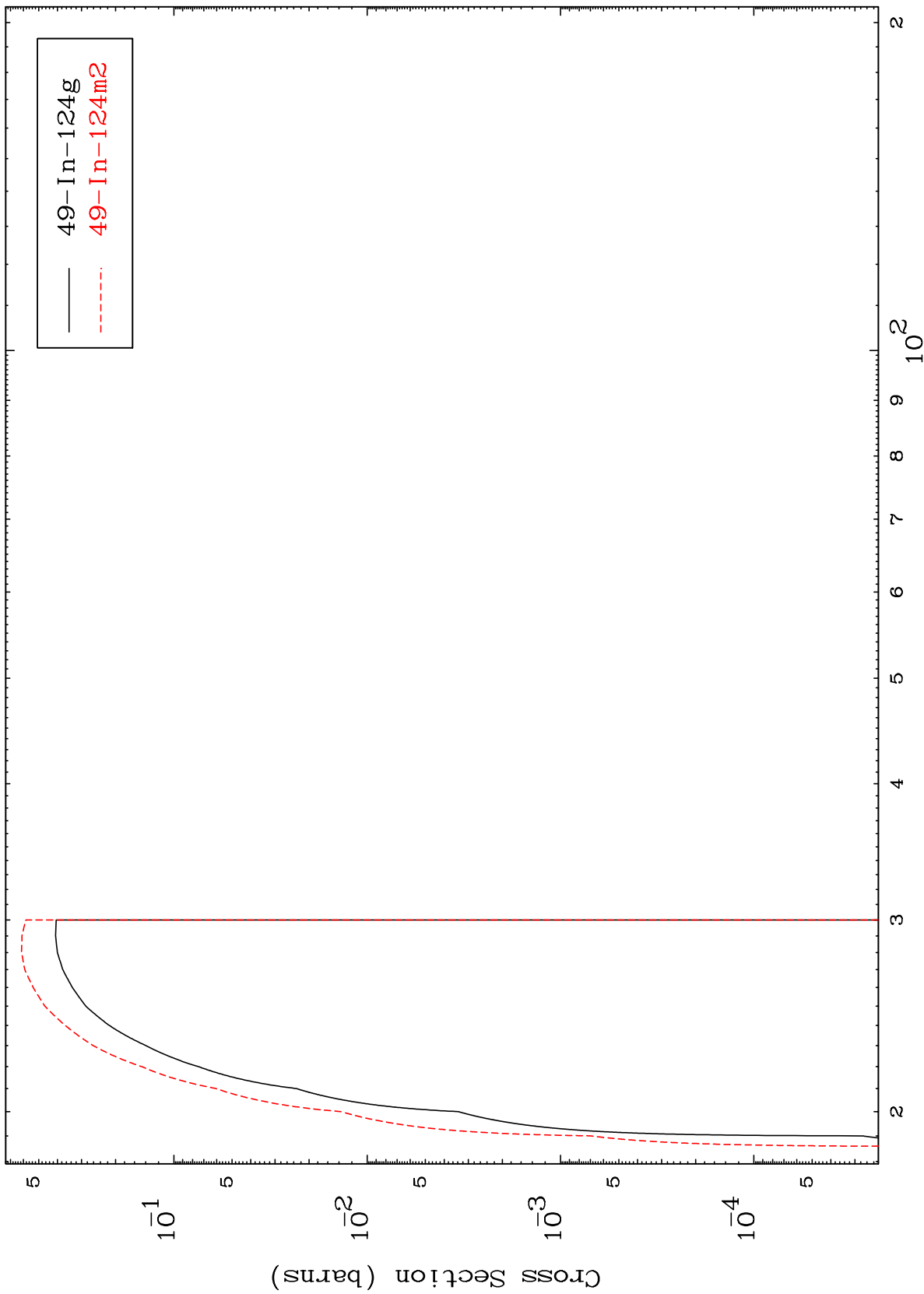
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(n,2n) α

49-In-127



(n,4n)
Radionuclide Production Cross Section



MAT 4969

49-In-127

