

Program EVALPLOT
(Version 2018-1)

by

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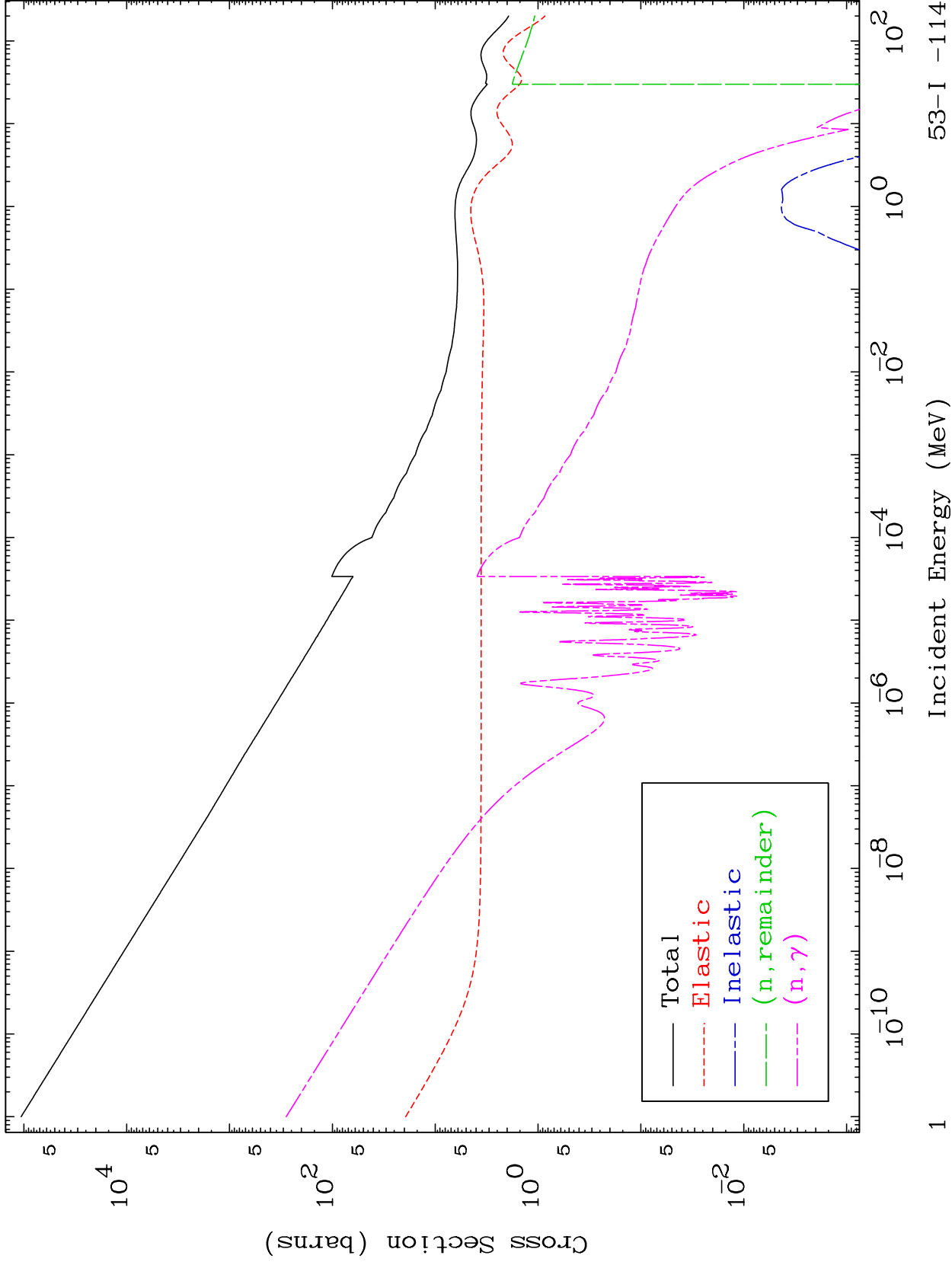
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5287

Major
293 Kelvin Cross Sections

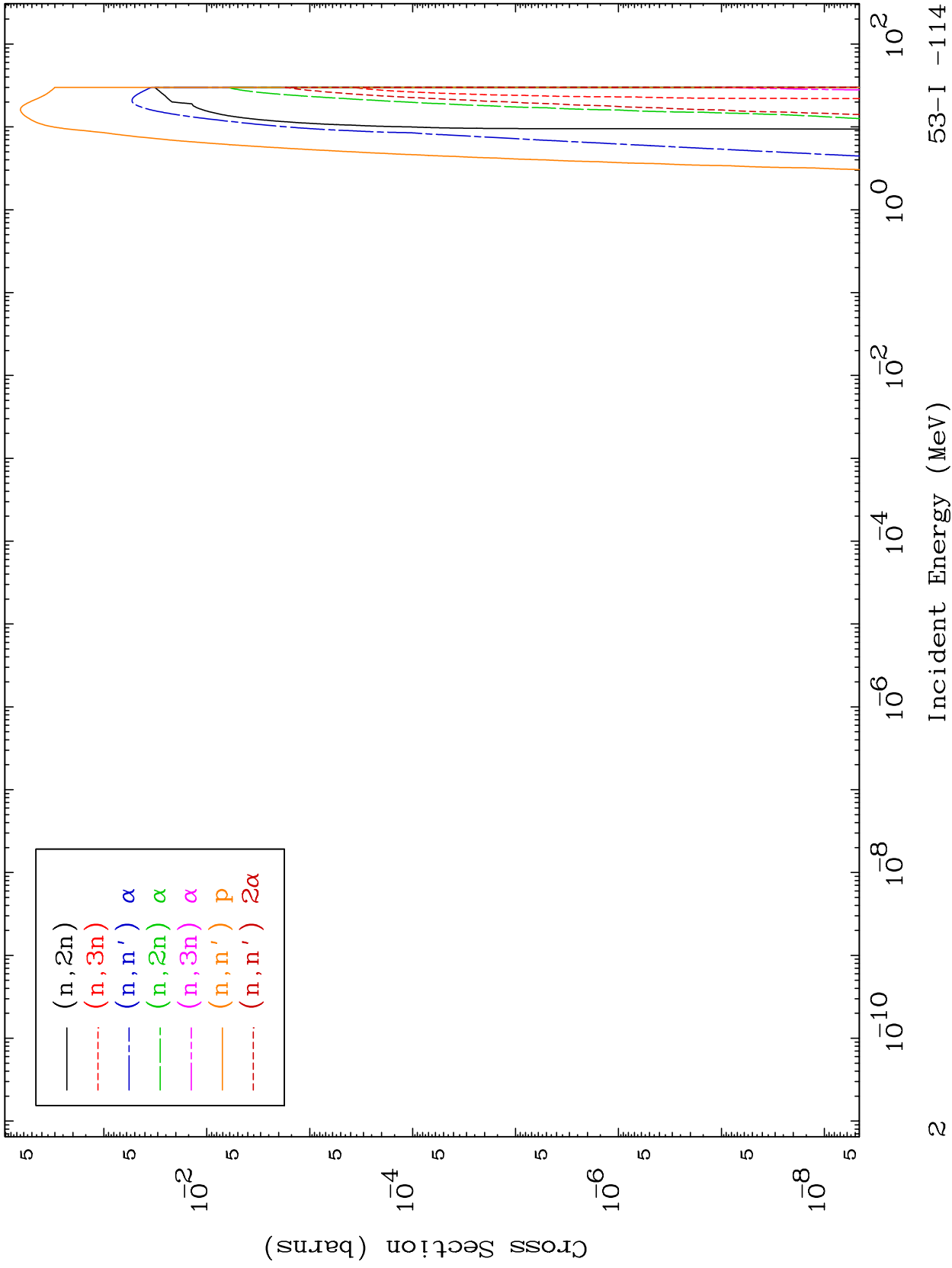
53-I -114

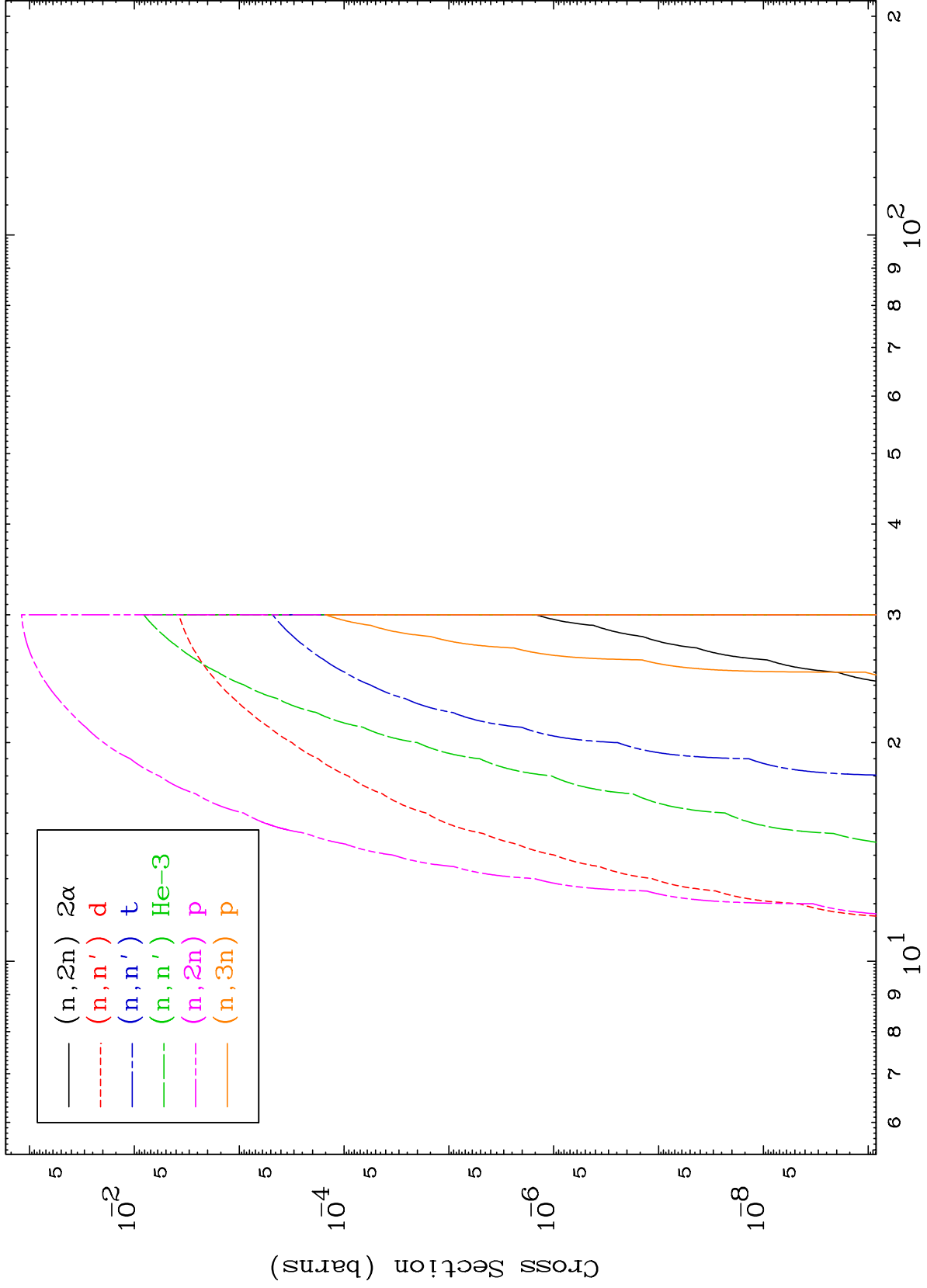


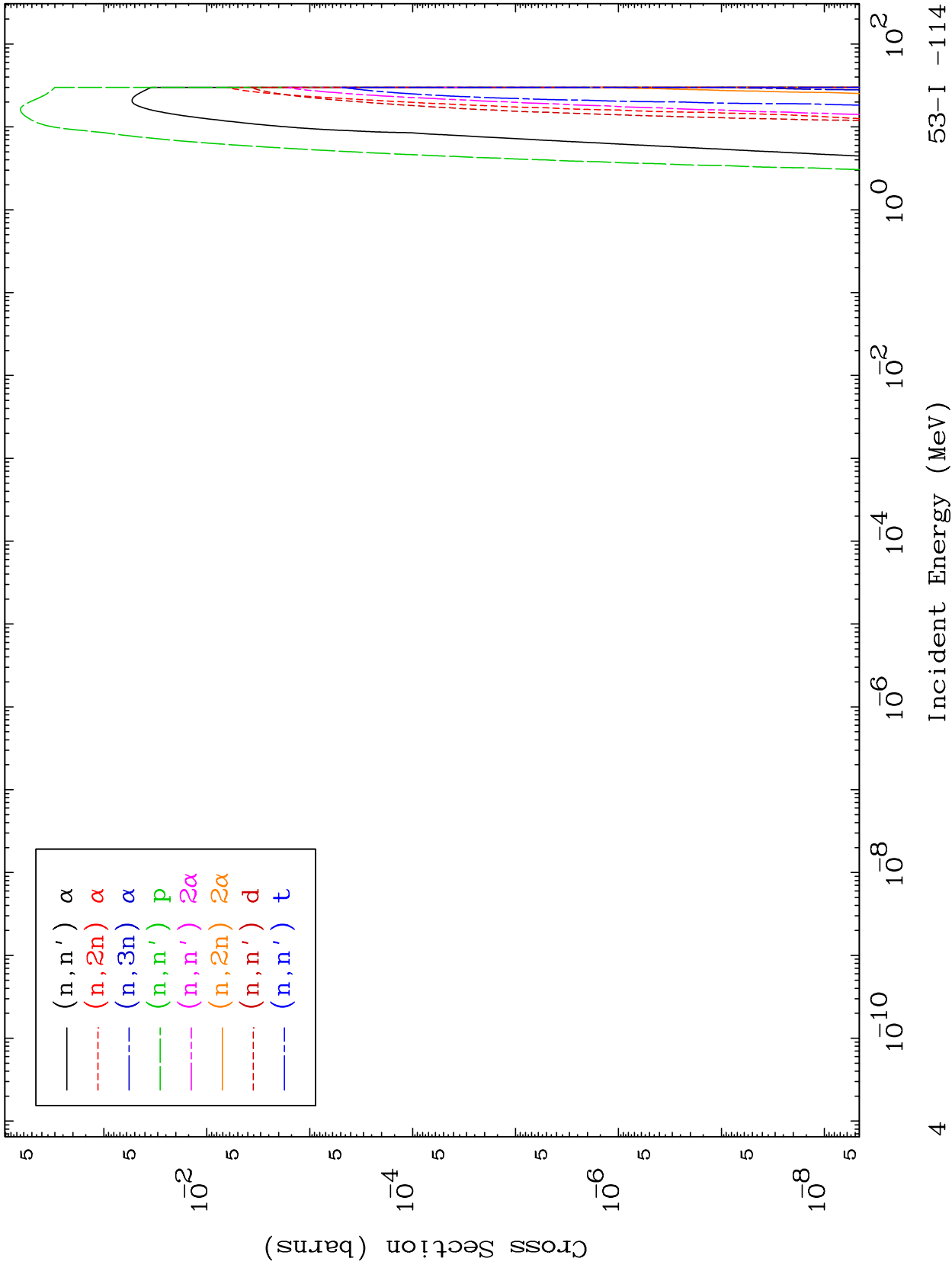
MAT 5287

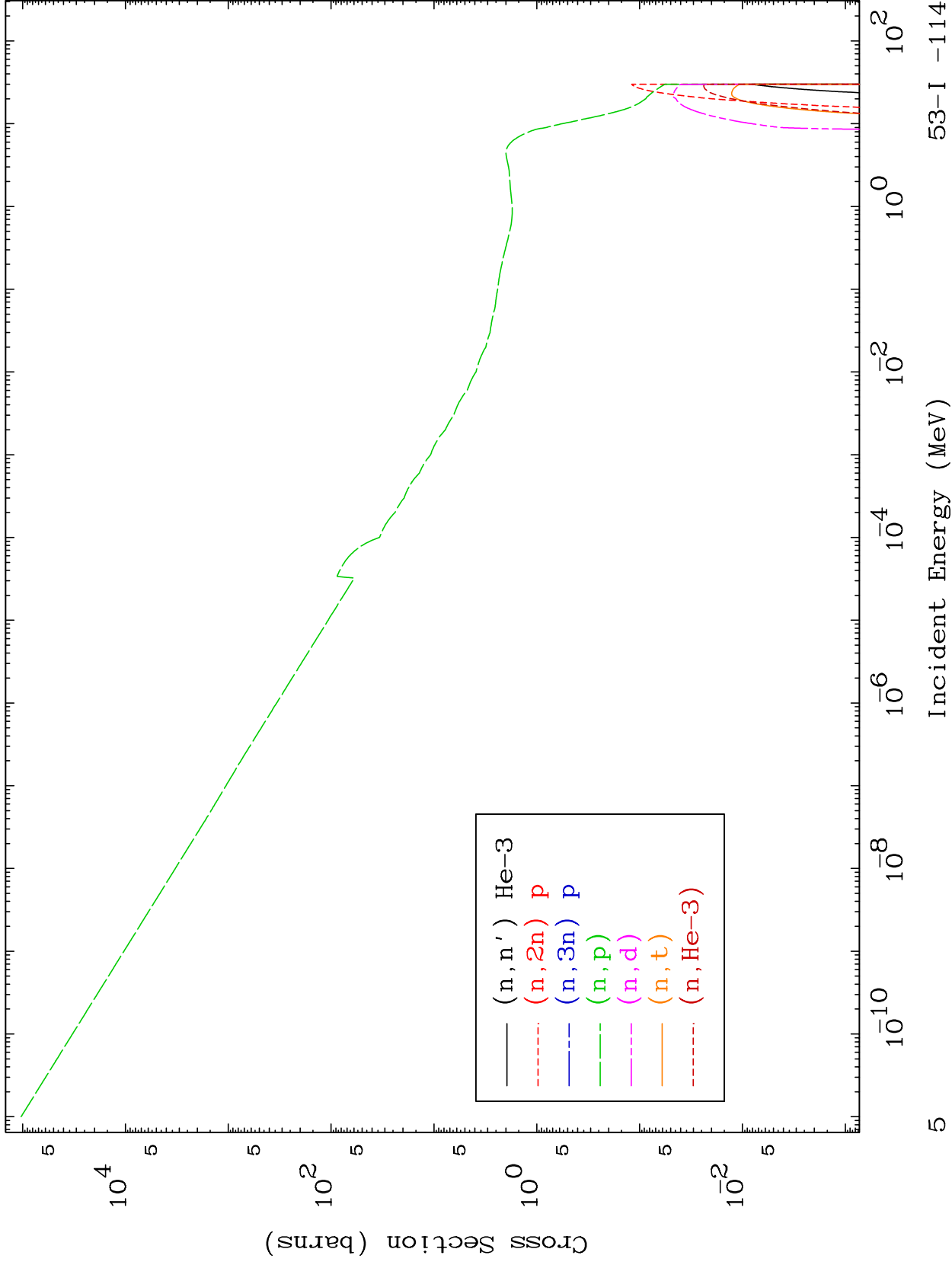
Neutron Production
293 Kelvin Cross Sections

53-I -114





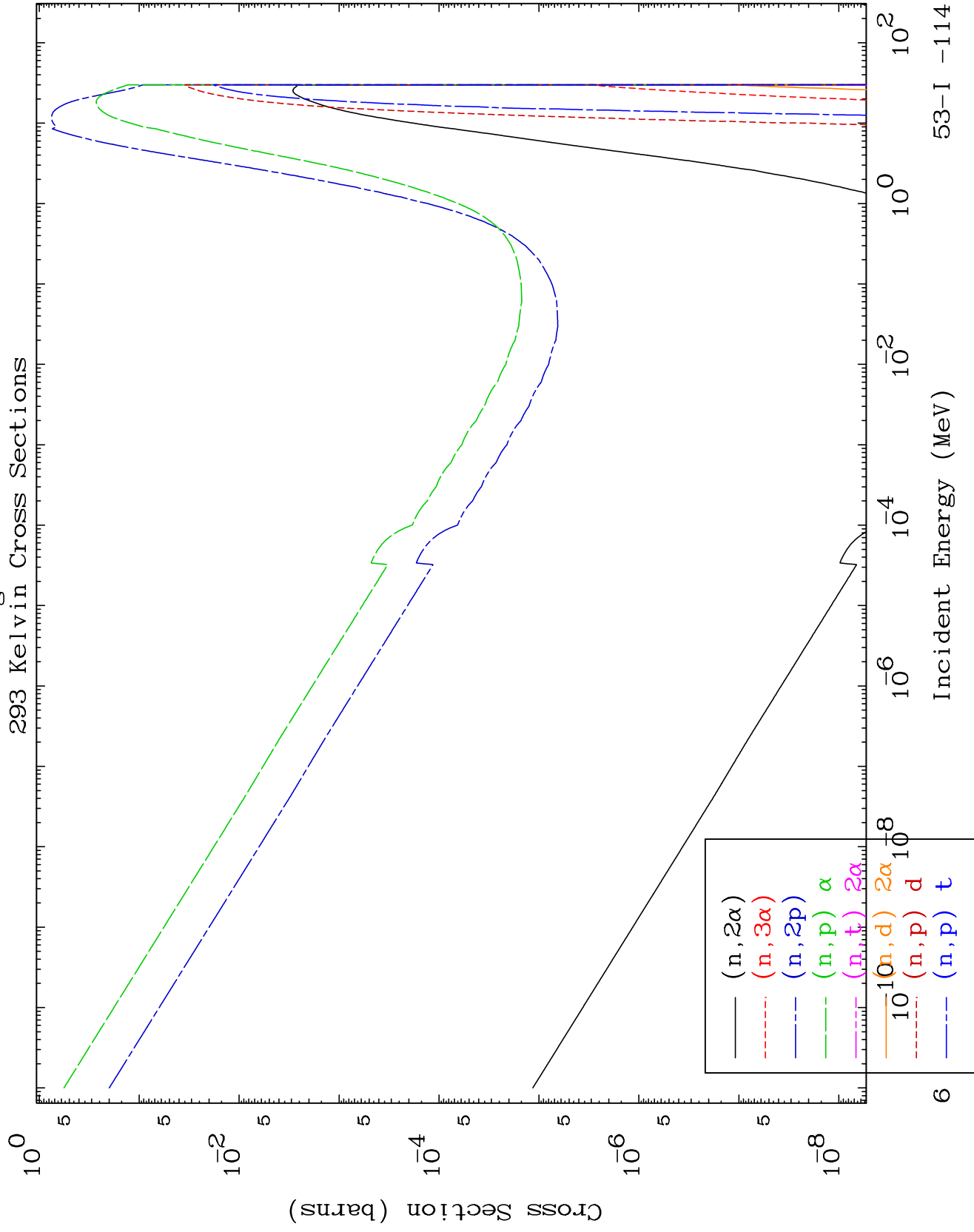




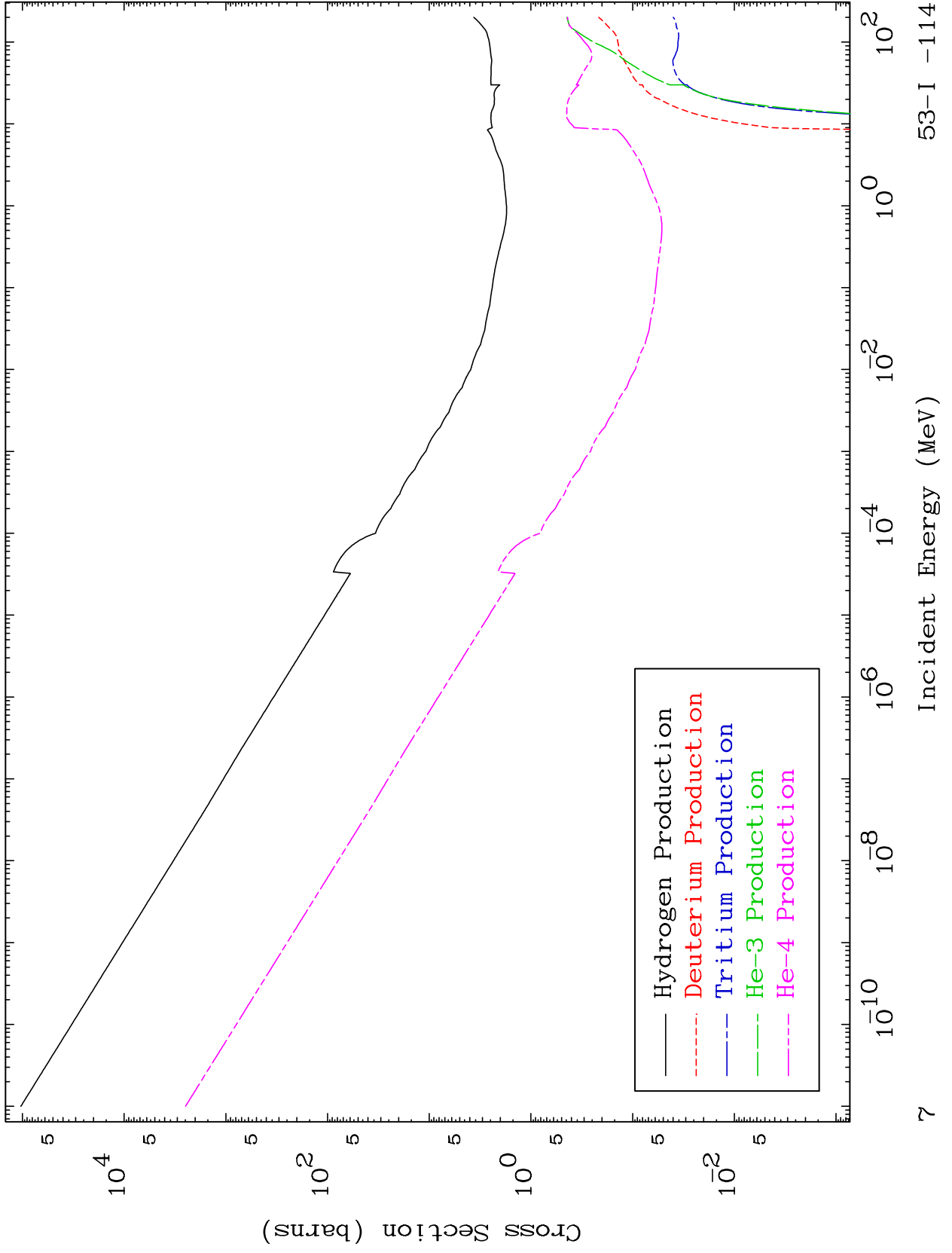
MAT 5287

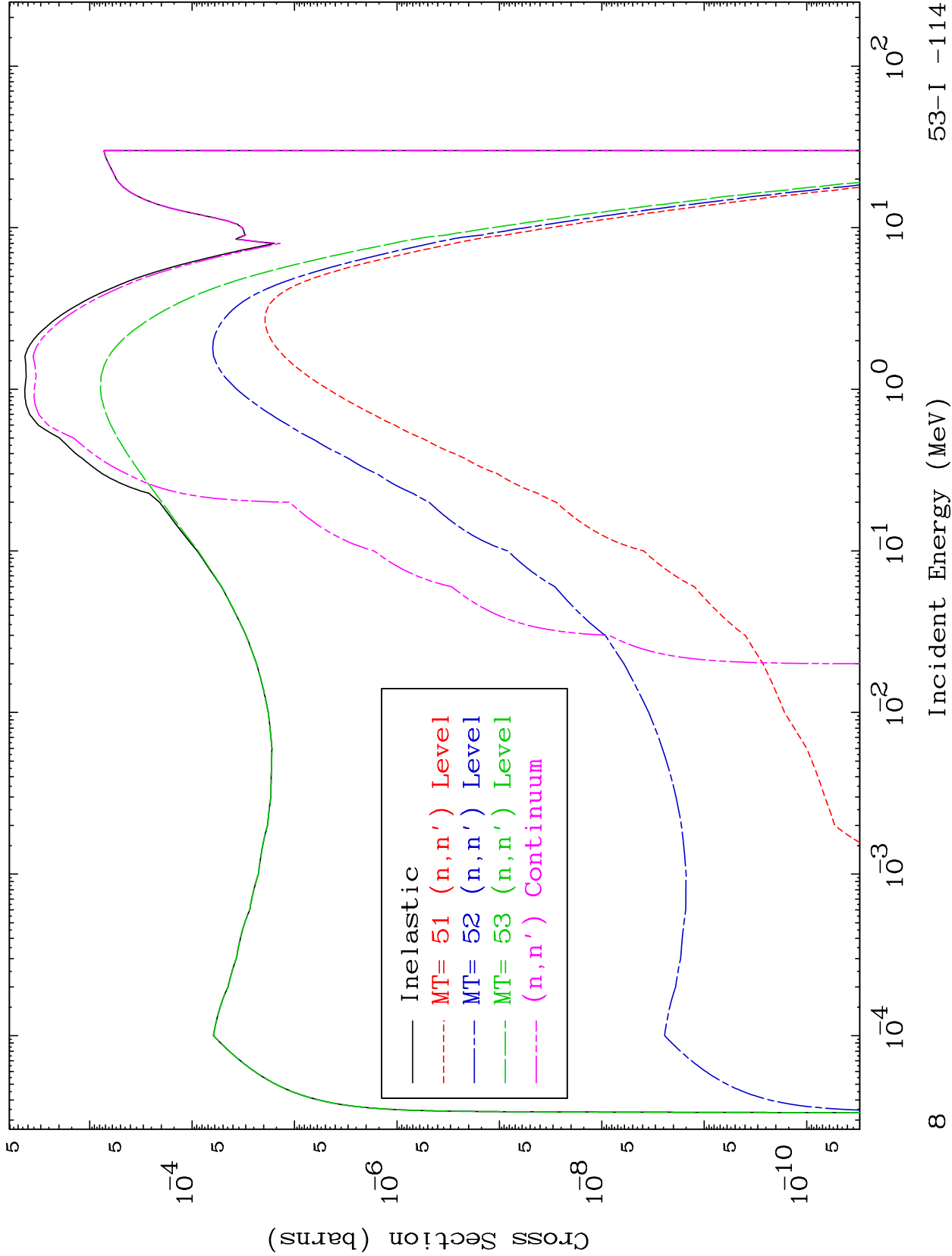
Charged Particle
293 Kelvin Cross Sections

53-I -114



53-I -114

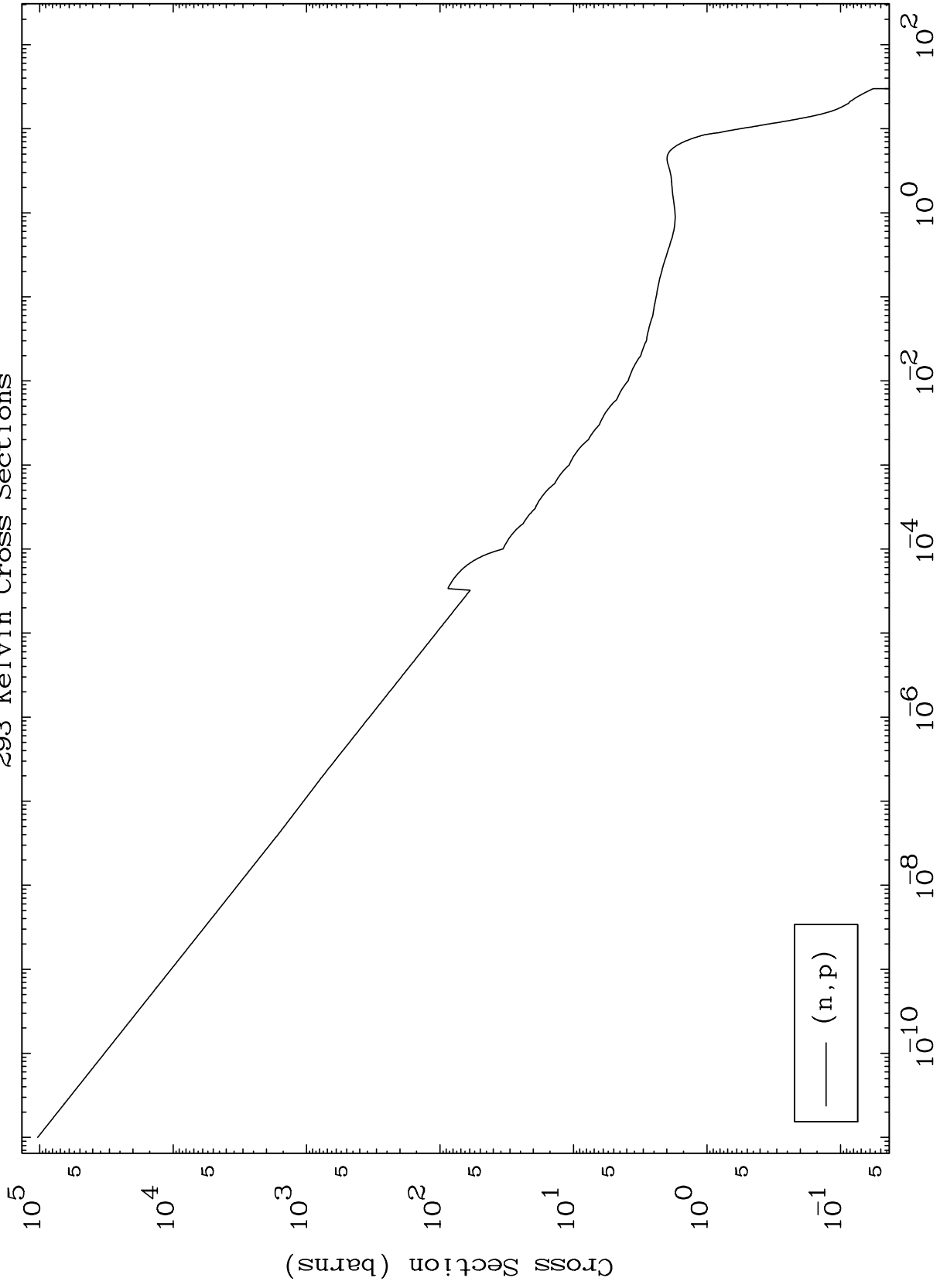




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(n,p) Levels
293 Kelvin Cross Sections

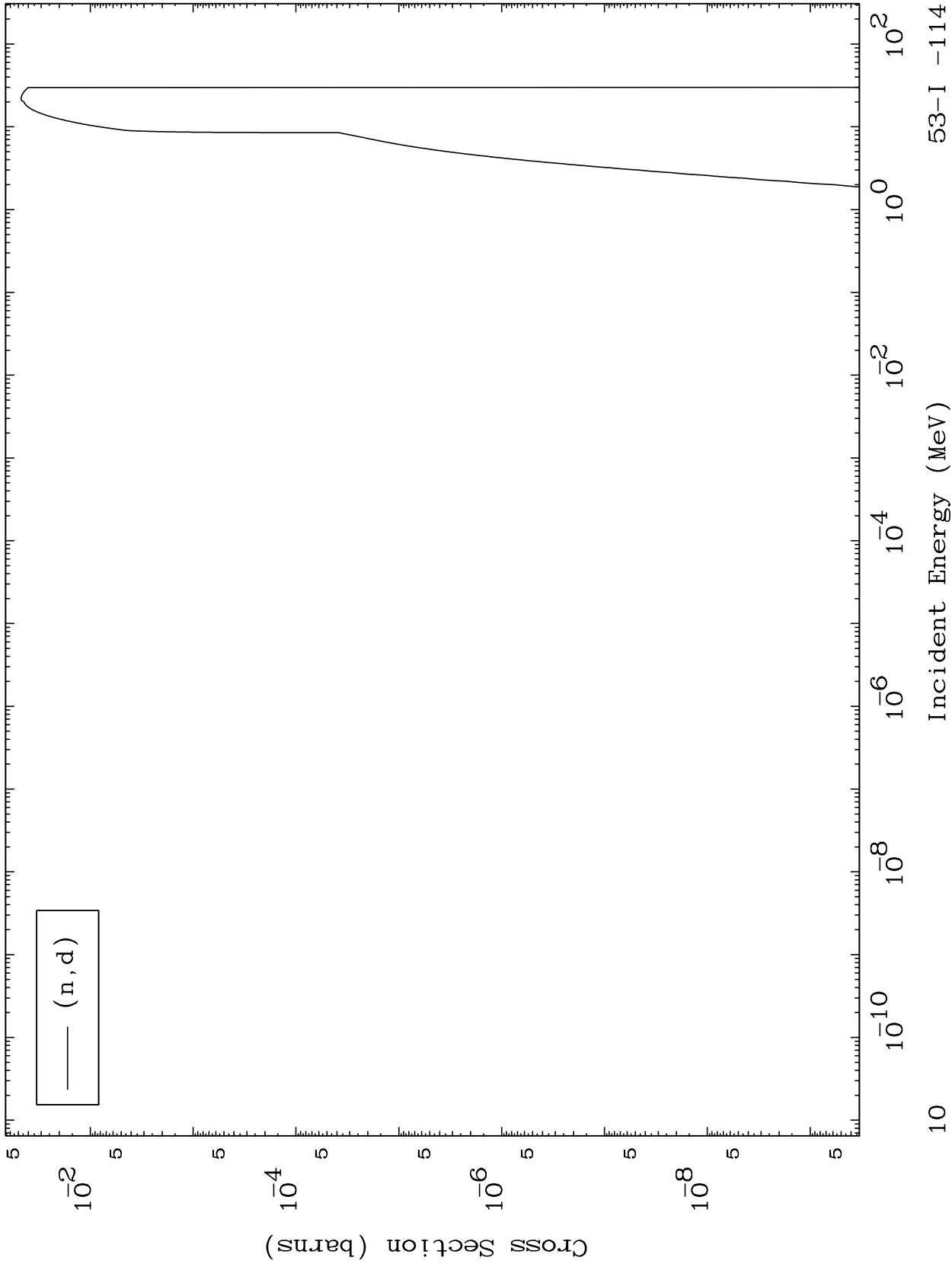
53-I -114



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(n,d) Levels
293 Kelvin Cross Sections

53-I -114



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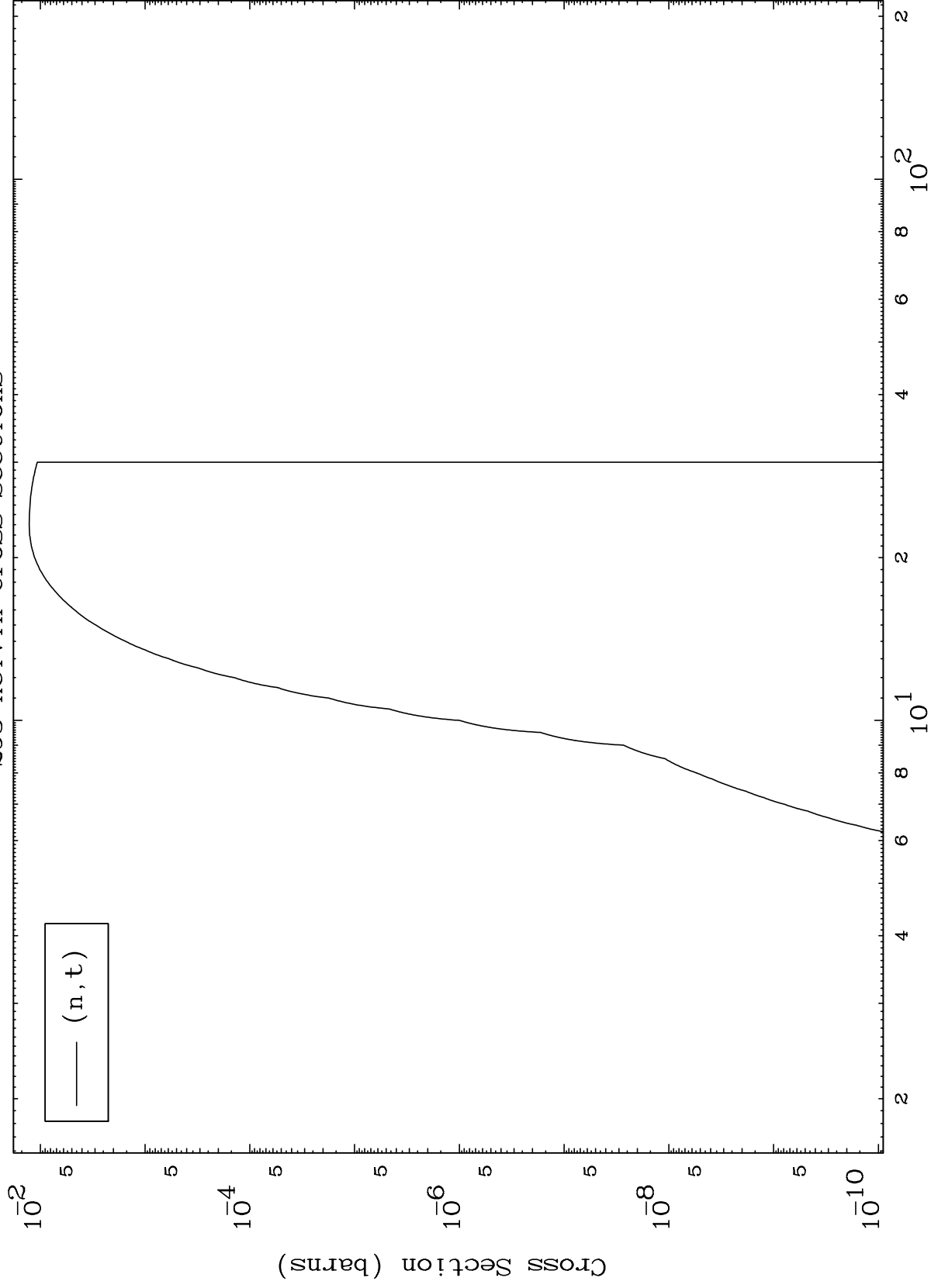
Incident Energy (MeV)

53-I -114

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(n,t) Levels
293 Kelvin Cross Sections

53-I -114



11

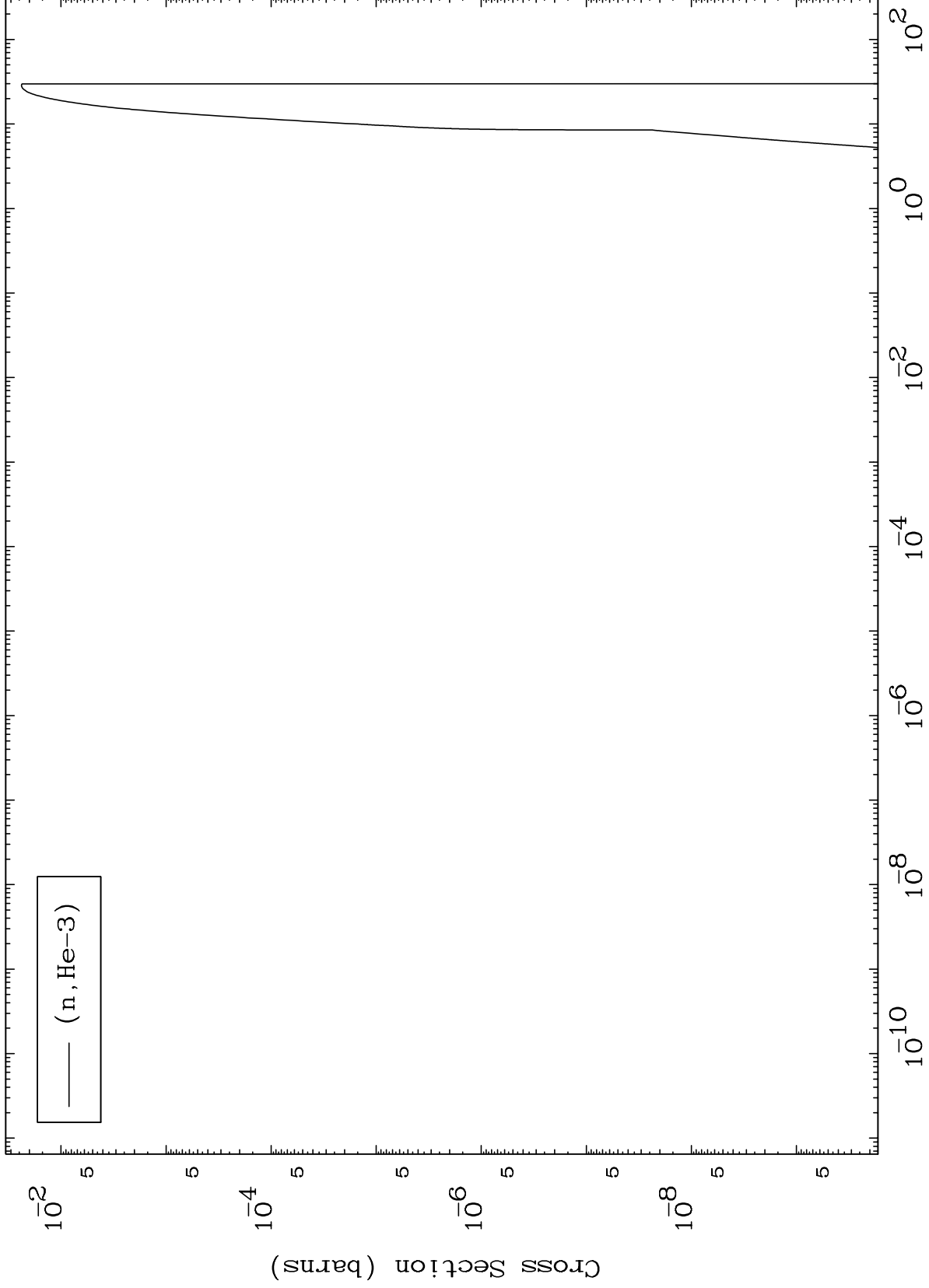
Incident Energy (MeV)

53-I -114

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(n,He3) Levels
293 Kelvin Cross Sections

53-I -114



12

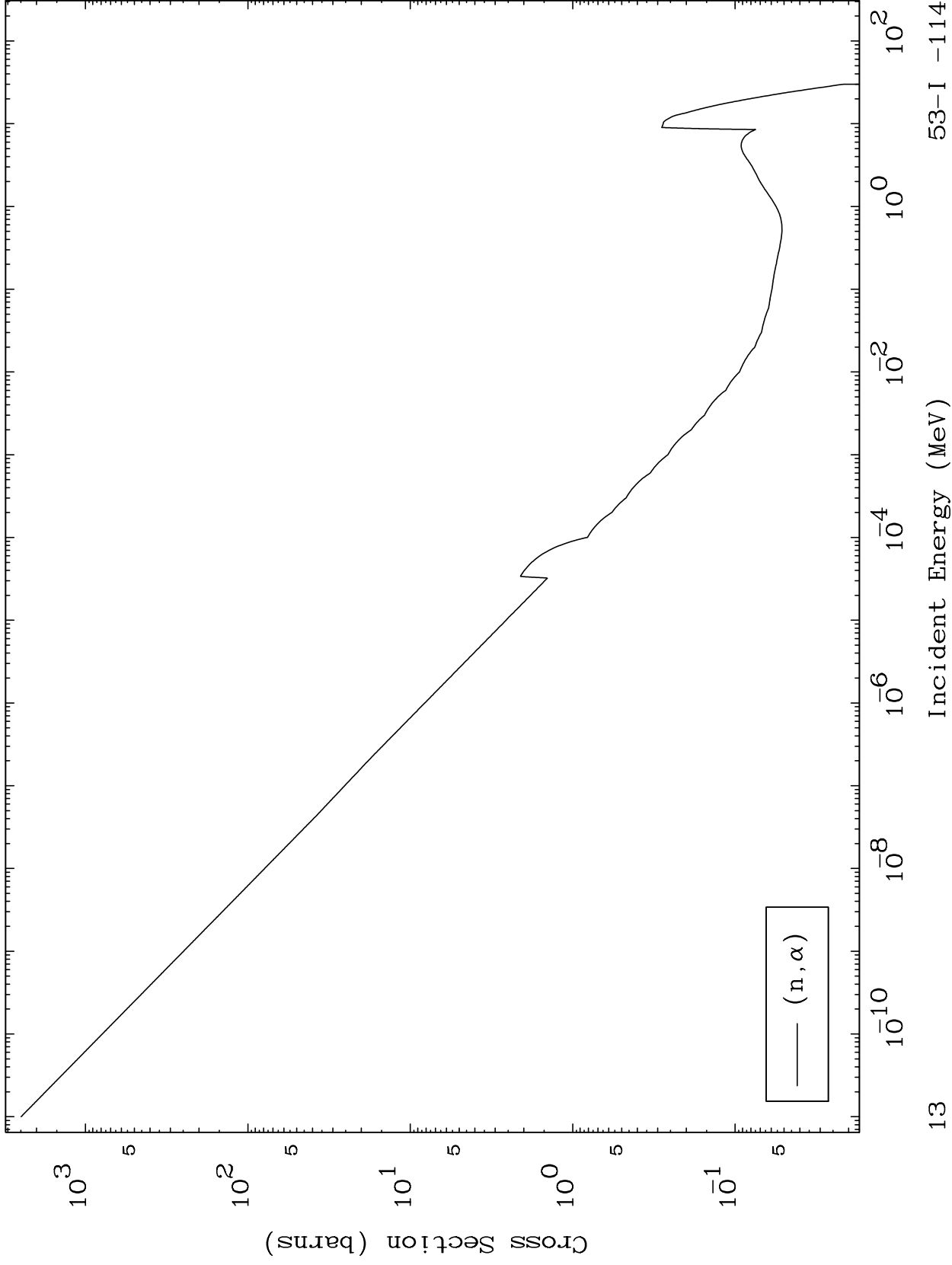
Incident Energy (MeV)

53-I -114

MAT 5287

(n,α) Levels
293 Kelvin Cross Sections

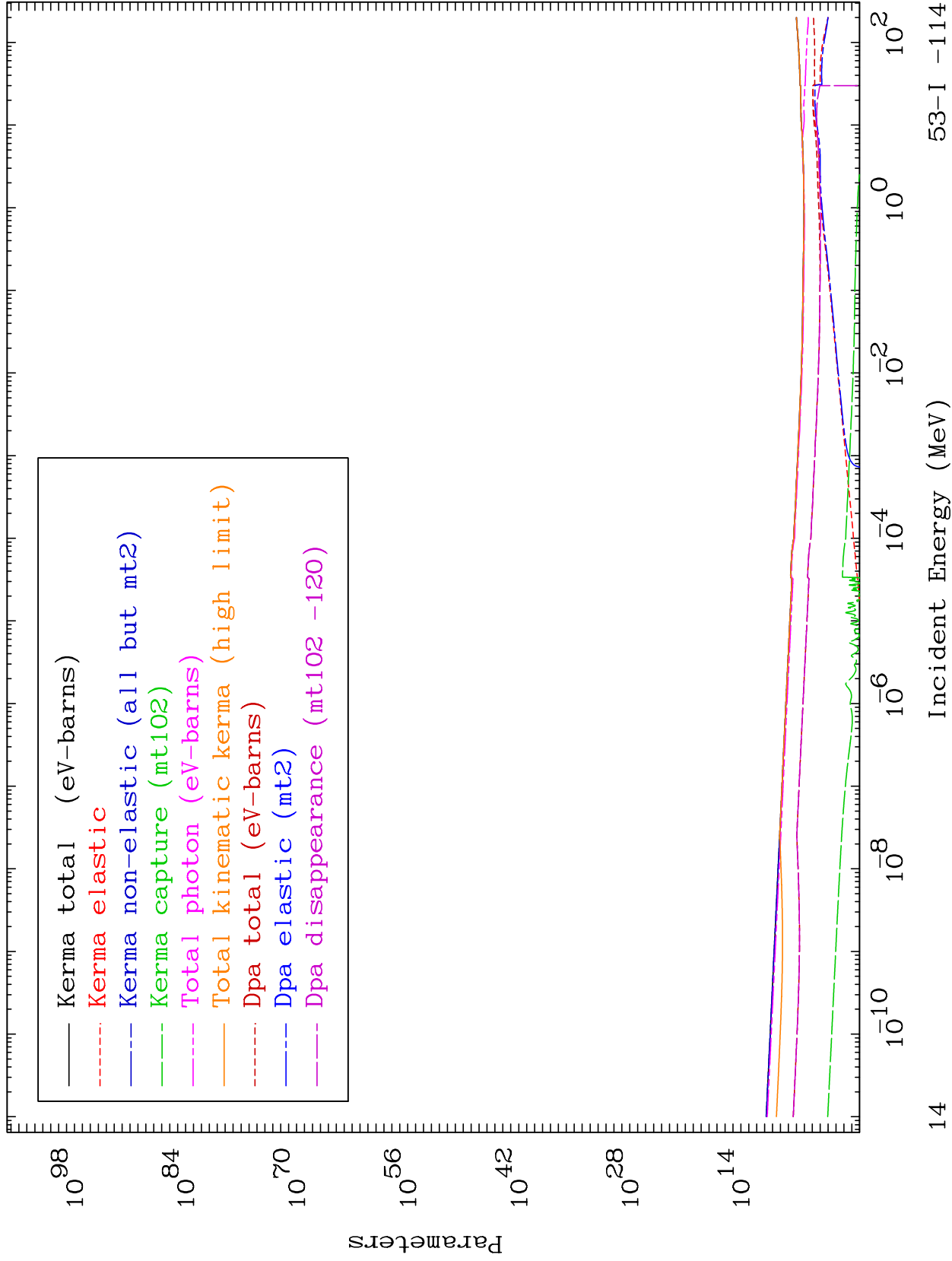
53-I -114



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Incident Energy (MeV)

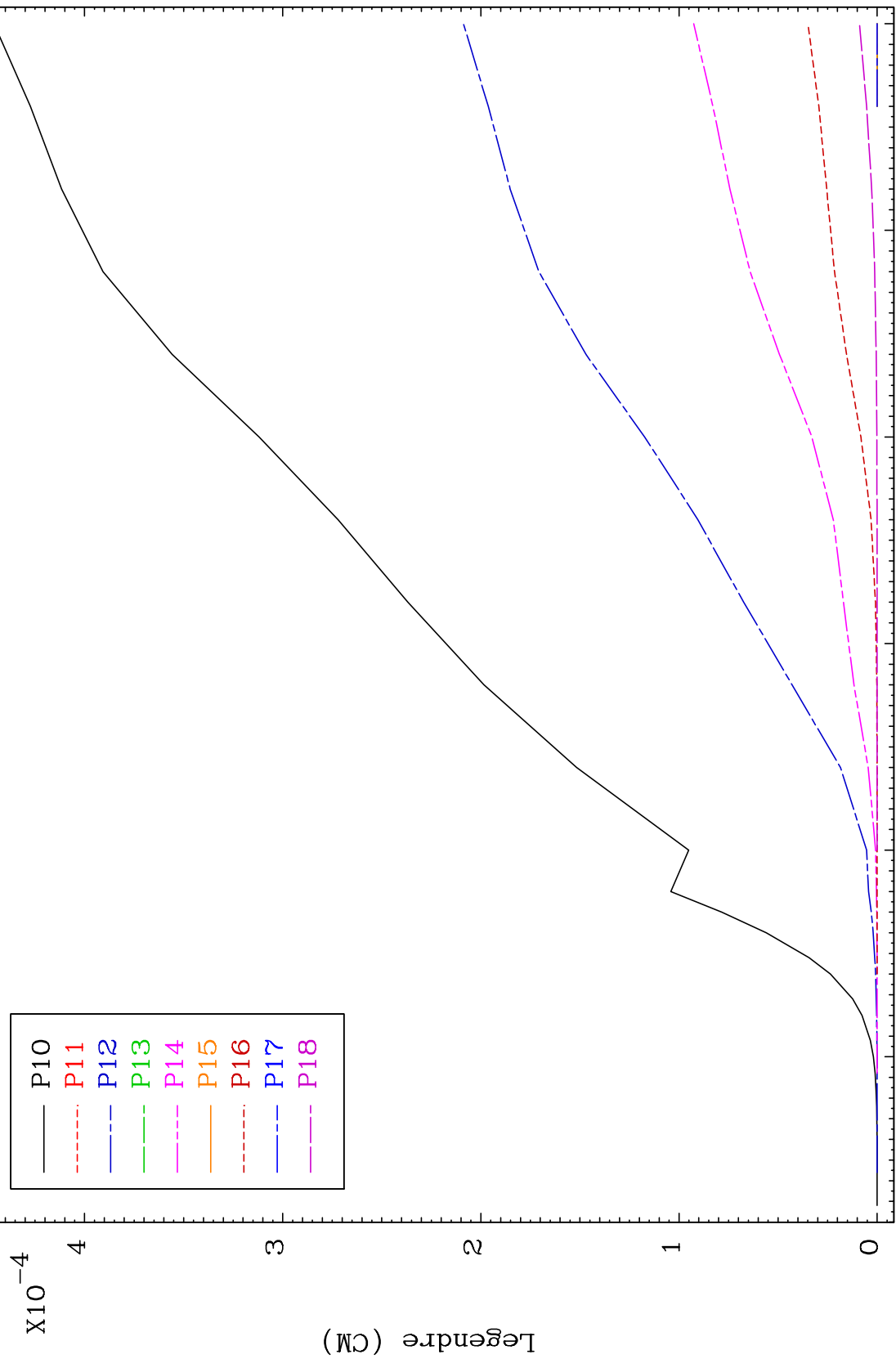
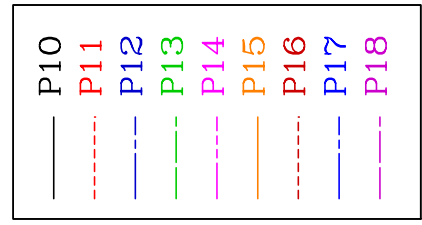
53-I -114



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Elastic Legendre Coefficients

53-I -114



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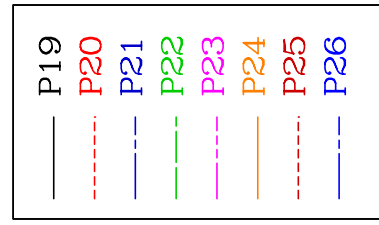
Incident Energy (MeV)

53-I -114

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Elastic
Legendre Coefficients

53-I -114



$\times 10^{-7}$

Legendre (CM)

4

3

2

1

0

15

20

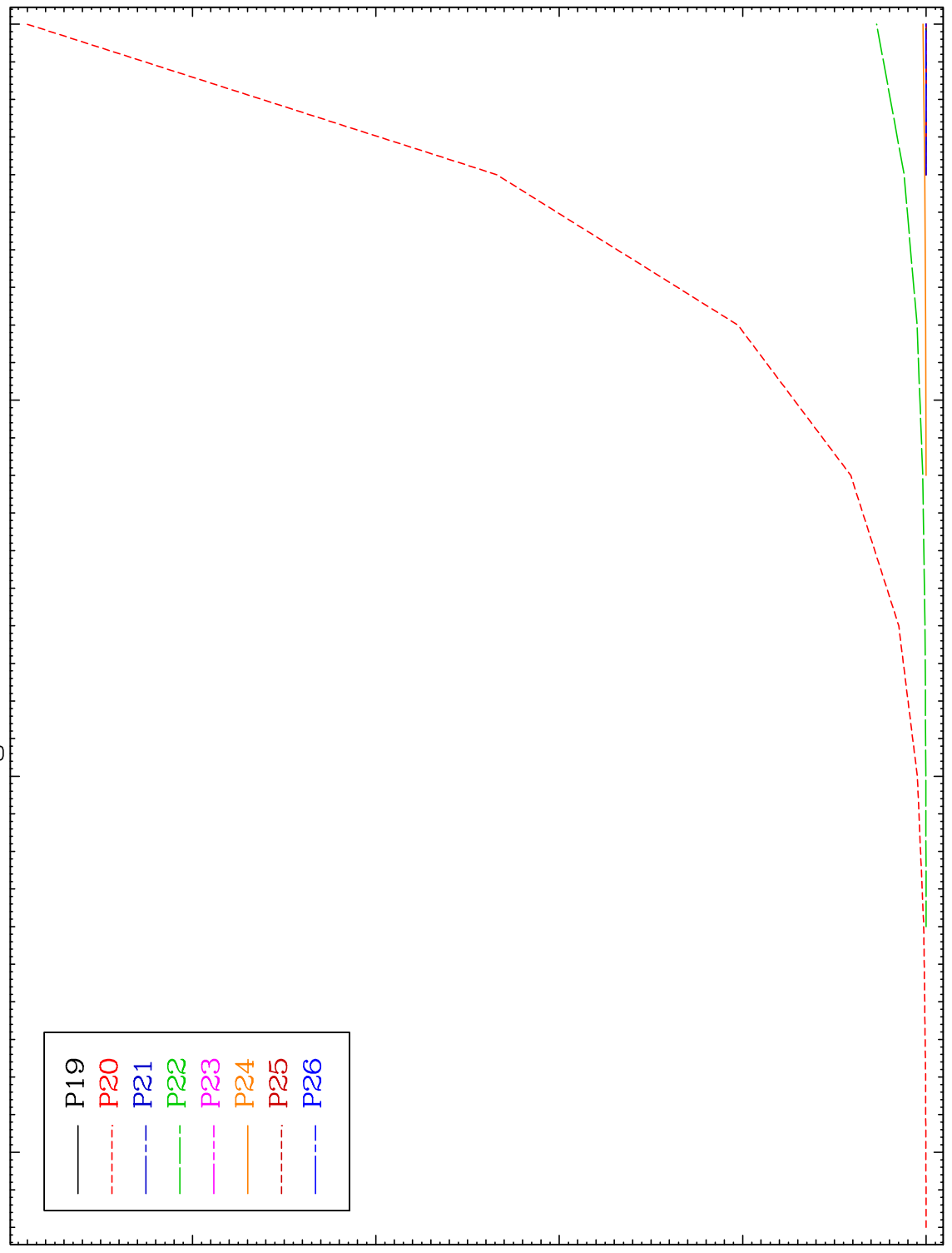
25

30

17

Incident Energy (MeV)

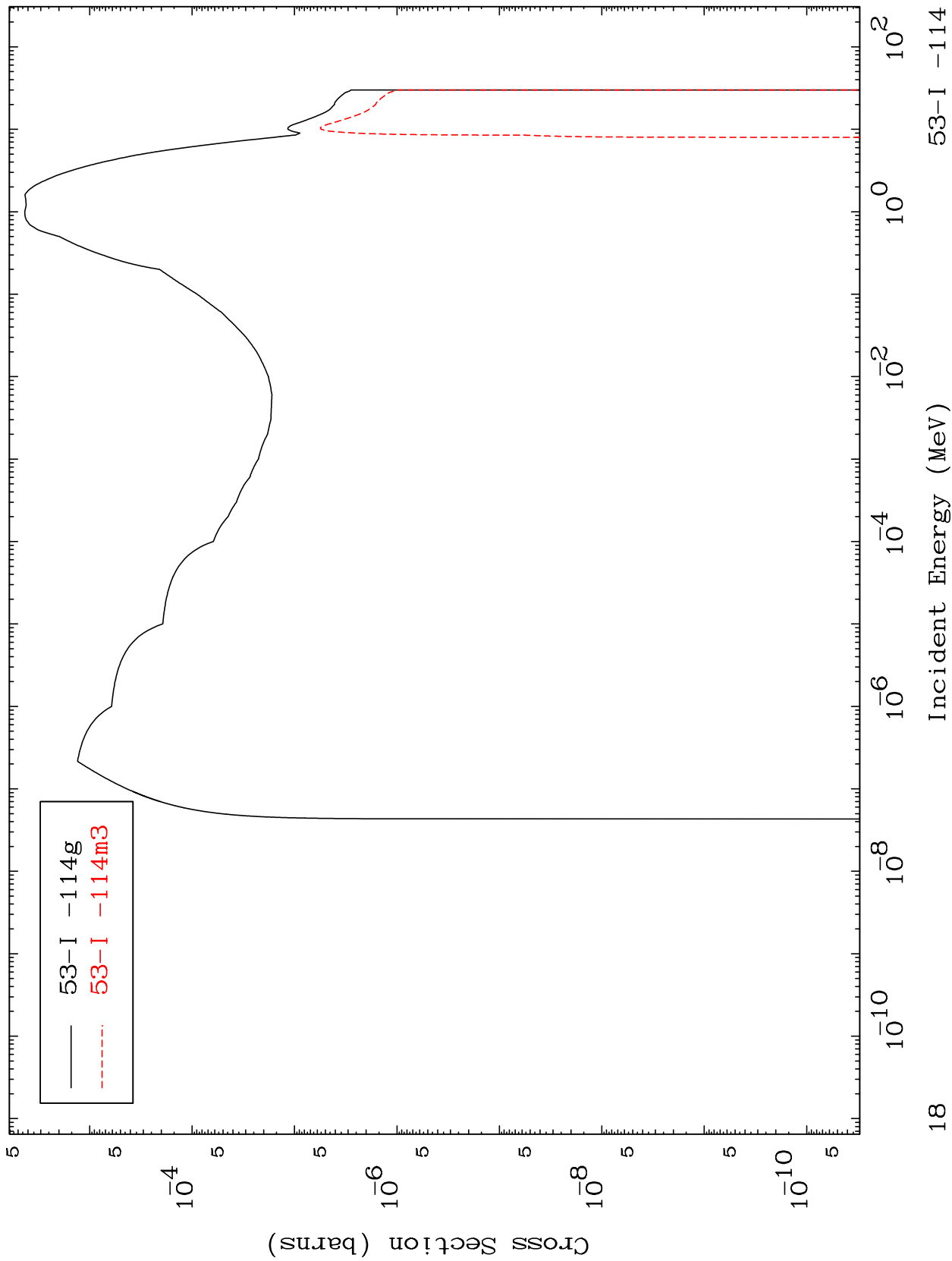
53-I -114



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53-I -114

Inelastic Radionuclide Production Cross Section

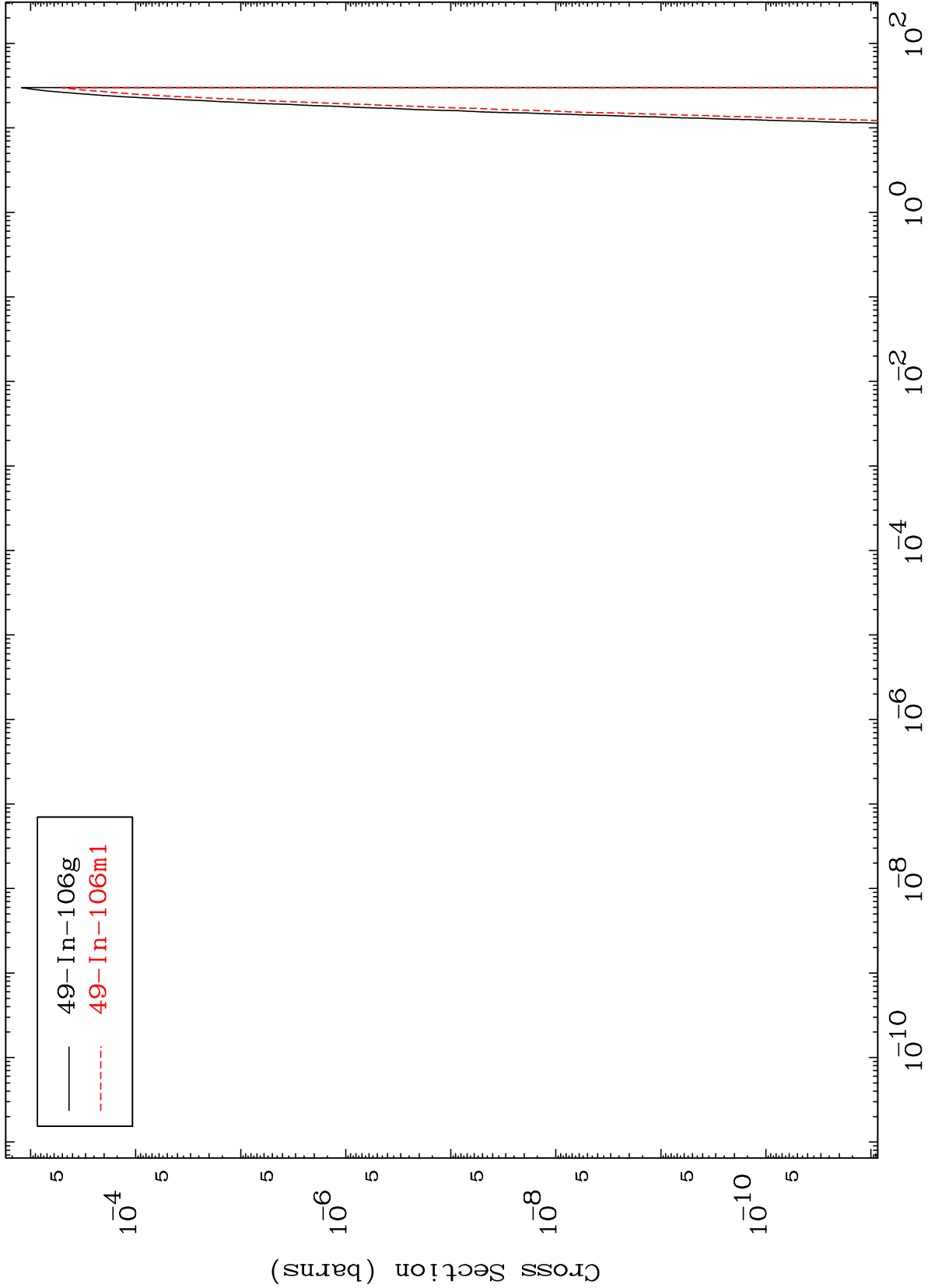


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(n,n') 2α

53-I -114

Radionuclide Production Cross Section

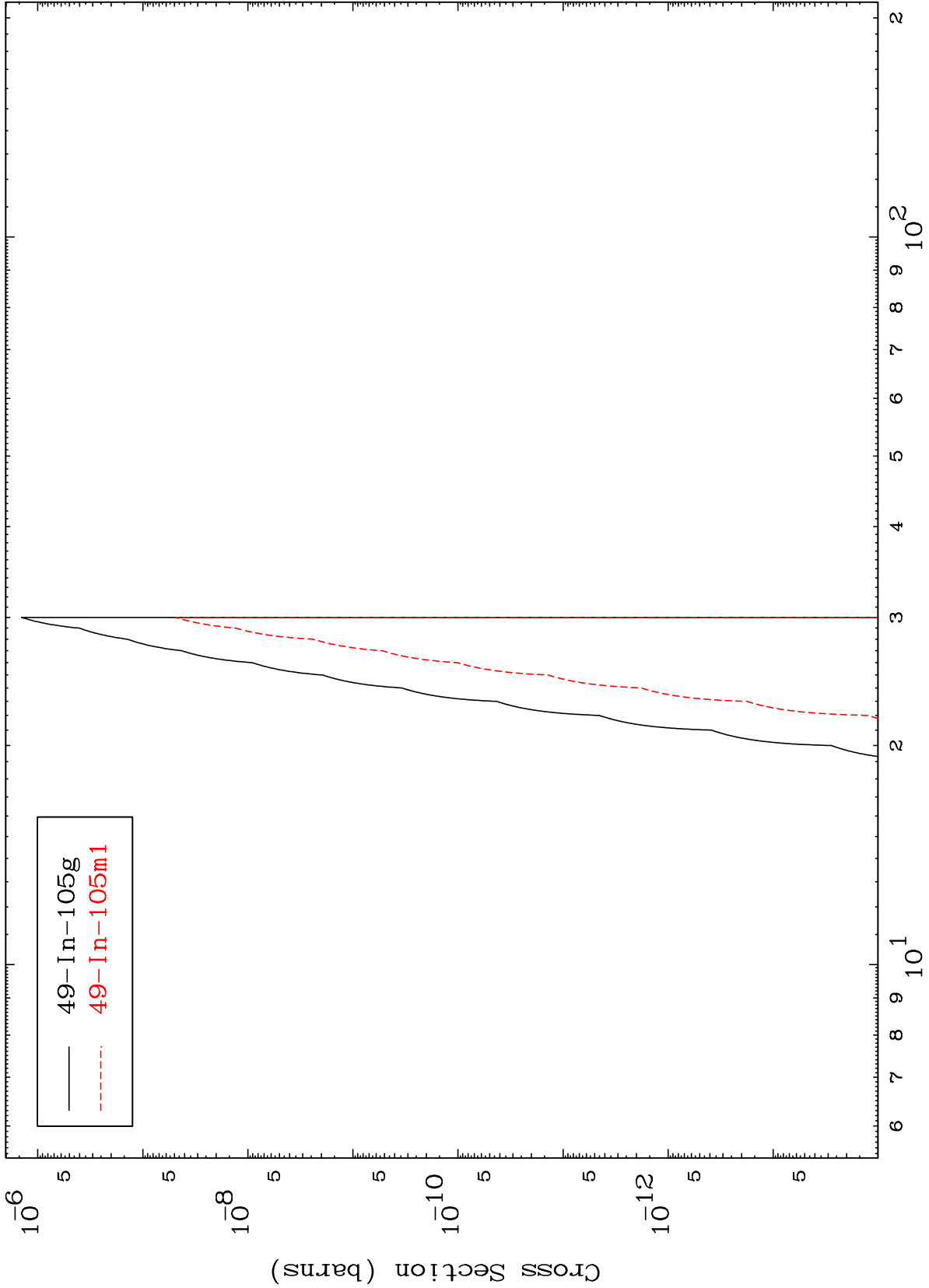


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(n,2n) 2α

53-I -114

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

20

Incident Energy (MeV)

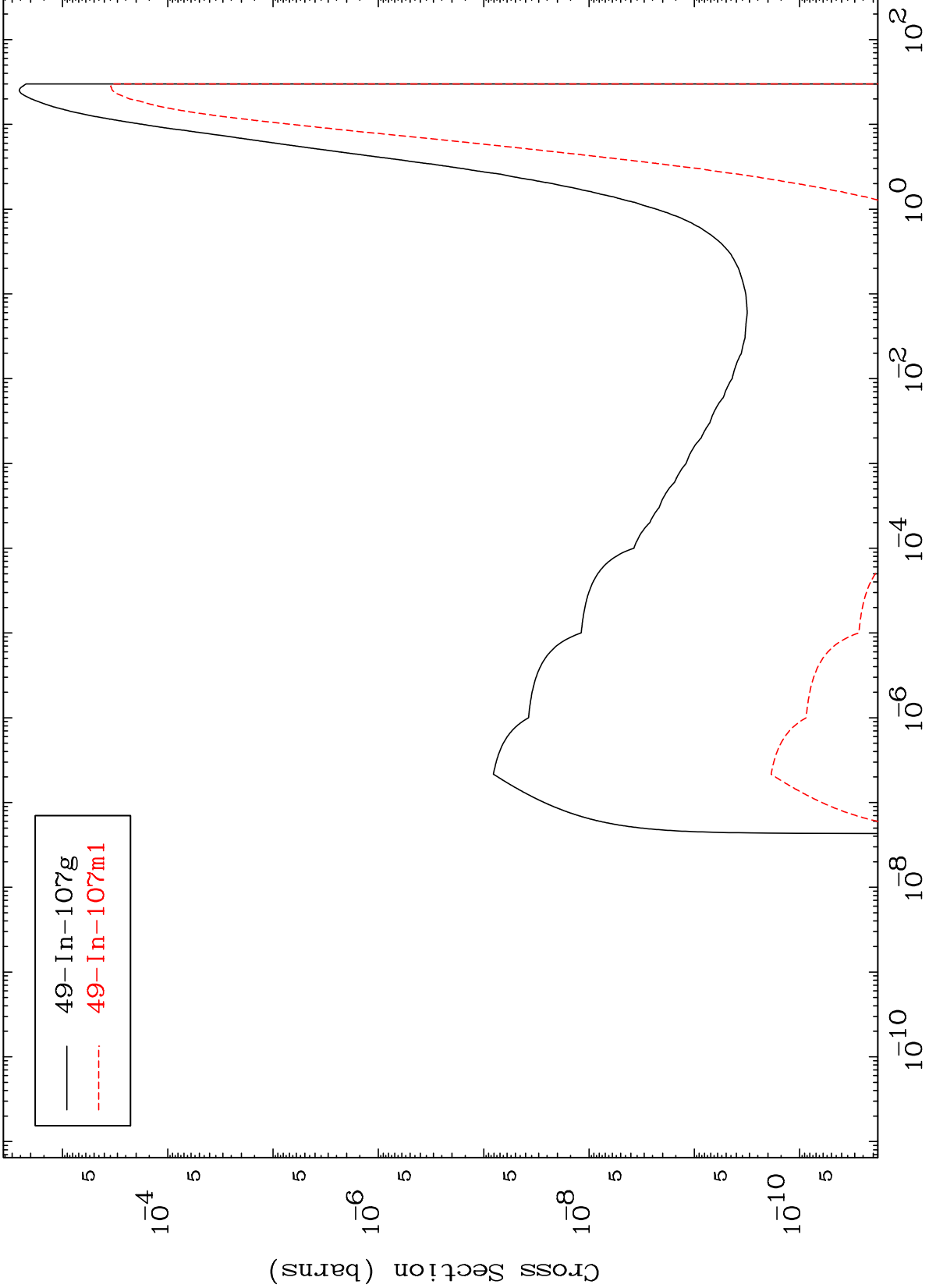
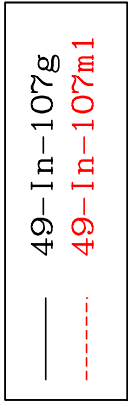
53-I -114

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(n,2α)

53-I -114

Radionuclide Production Cross Section



MAT 5287

(n,3 α)

53-I -114

Radionuclide Production Cross Section

