

Program EVALPLOT
(Version 2018-1)

by

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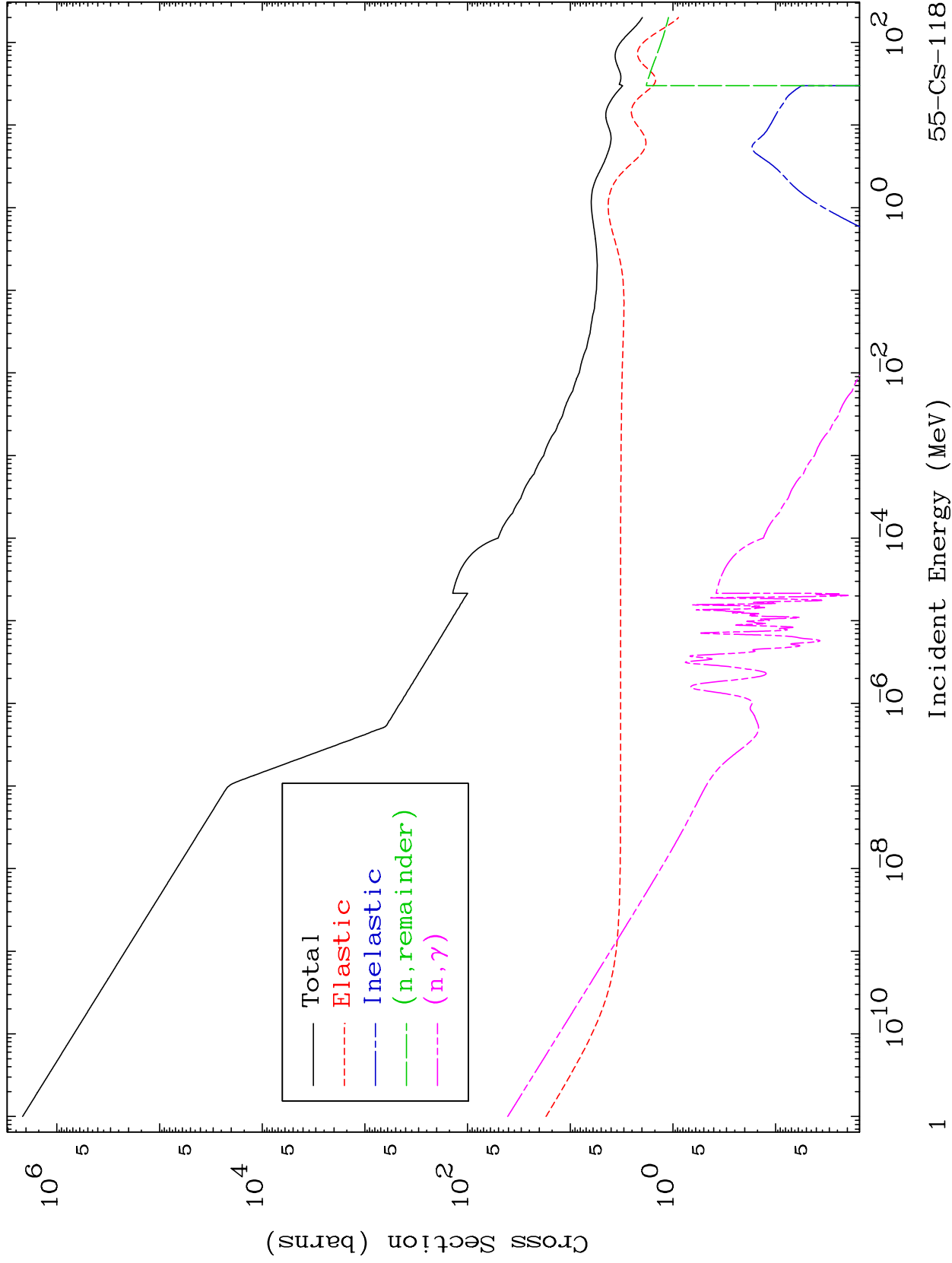
Press Mouse Button to Start

MAT 5481

Major

293 Kelvin Cross Sections

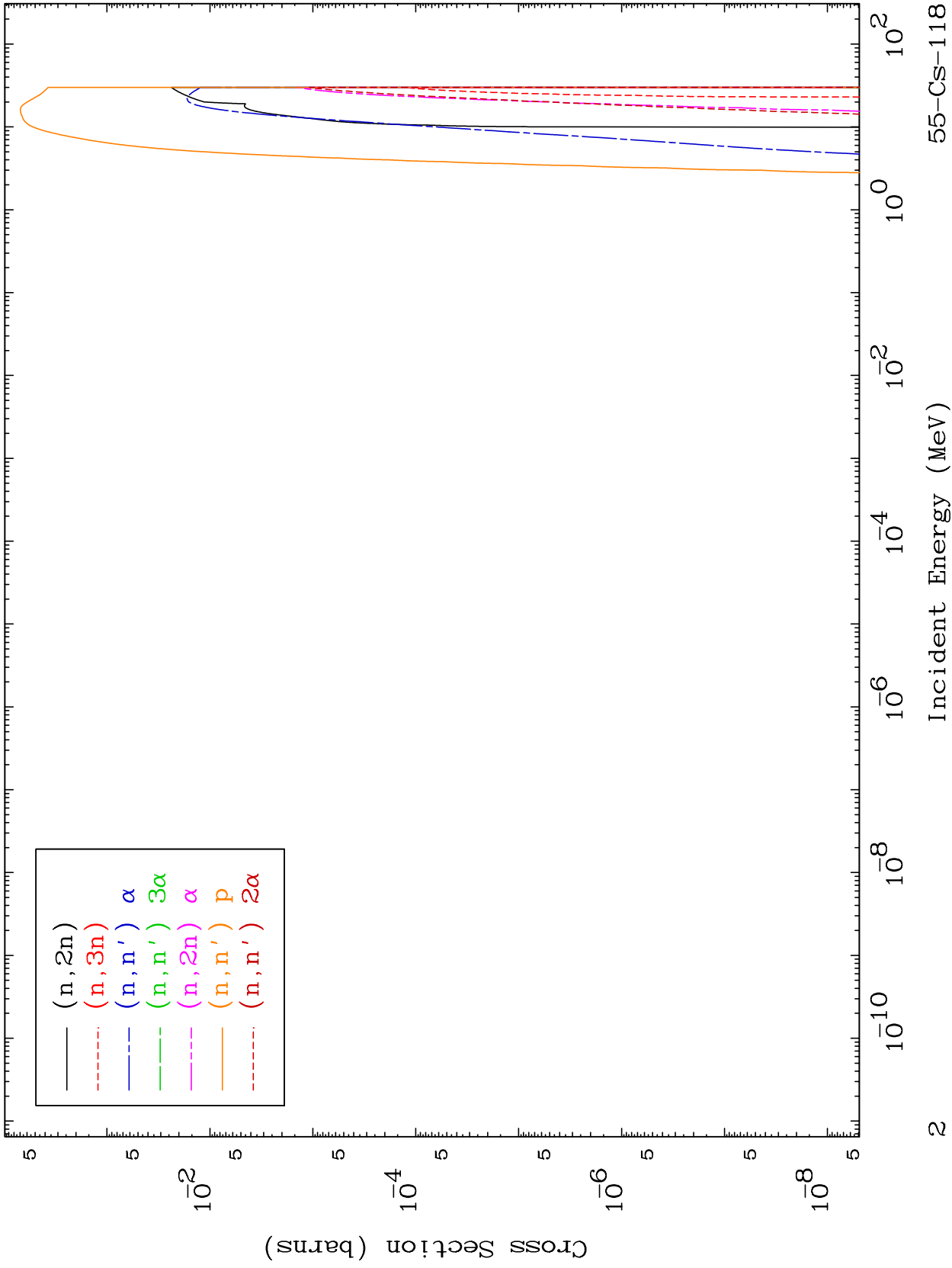
55-Cs-118

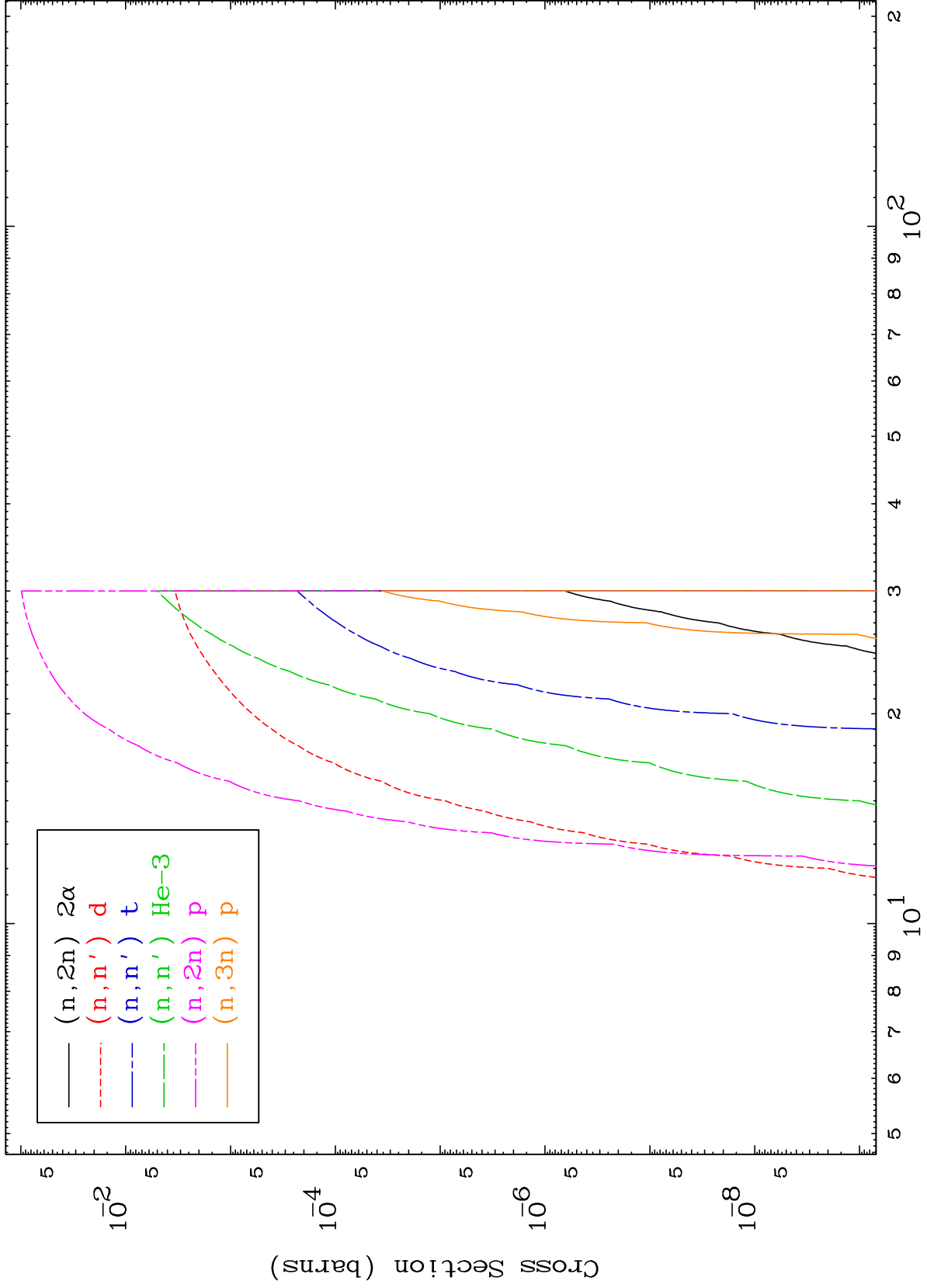


MAT 5481

Neutron Production
293 Kelvin Cross Sections

55-Cs-118

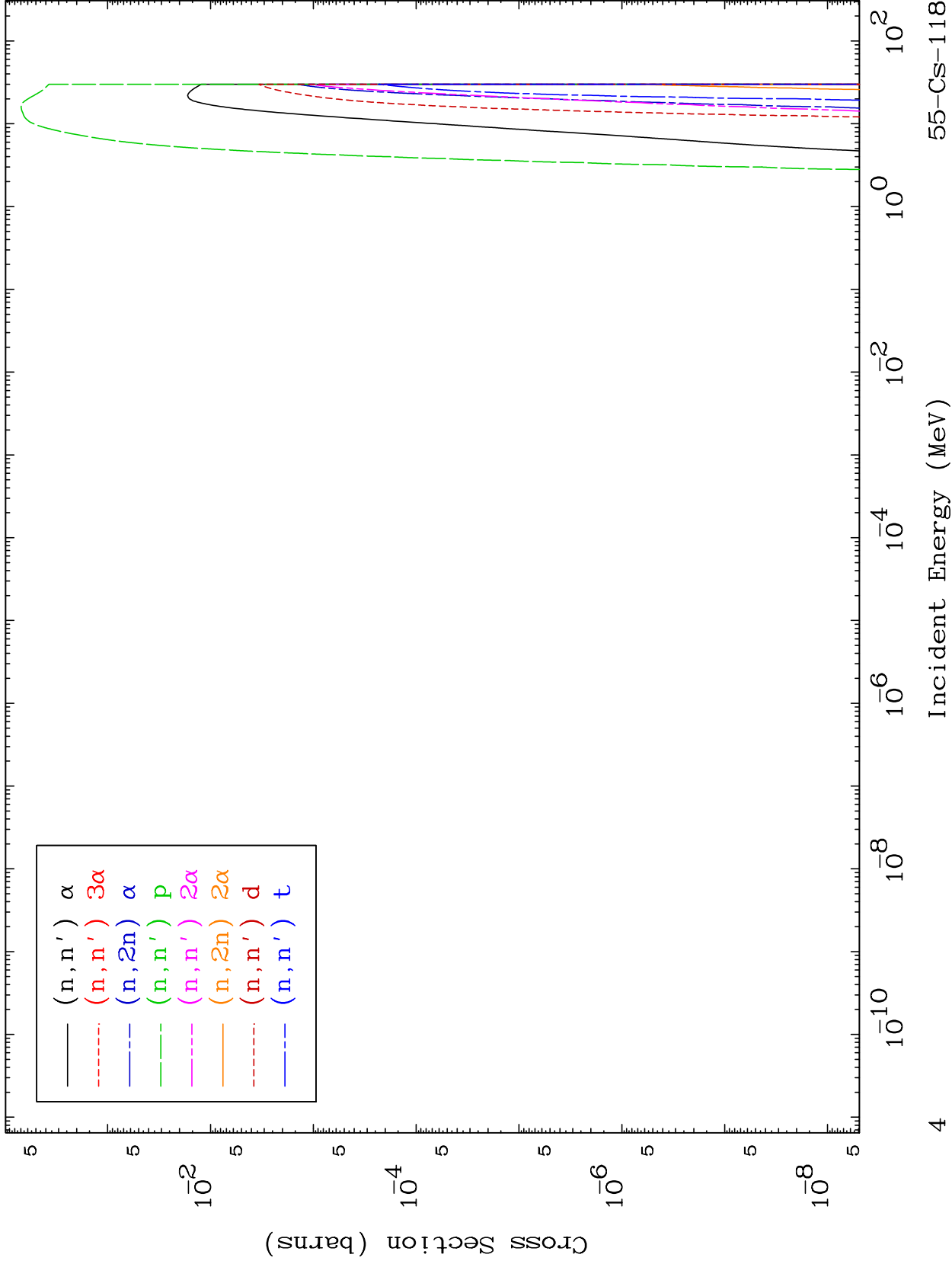




MAT 5481

Charged Particle
293 Kelvin Cross Sections

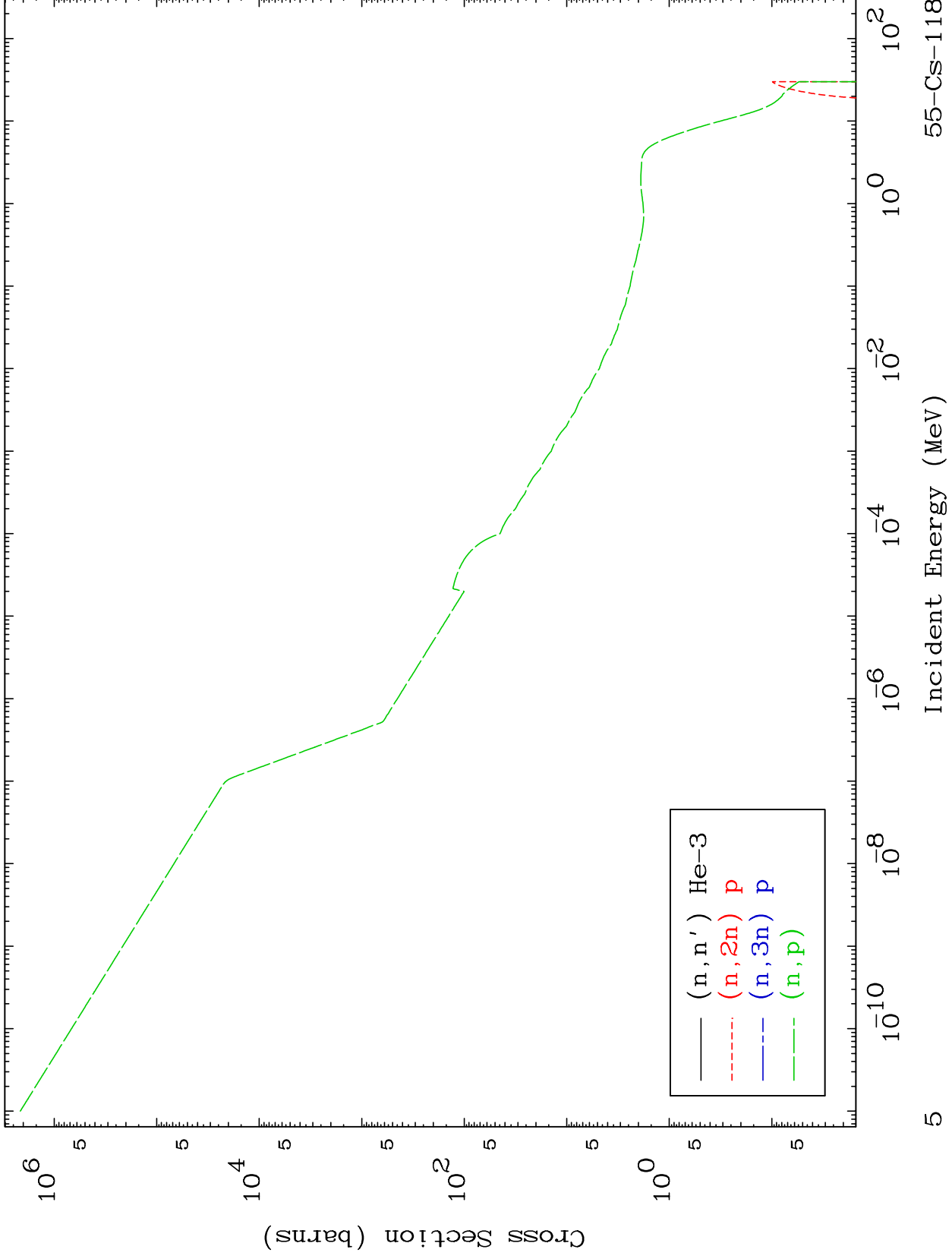
55-Cs-118



MAT 5481

Charged Particle
293 Kelvin Cross Sections

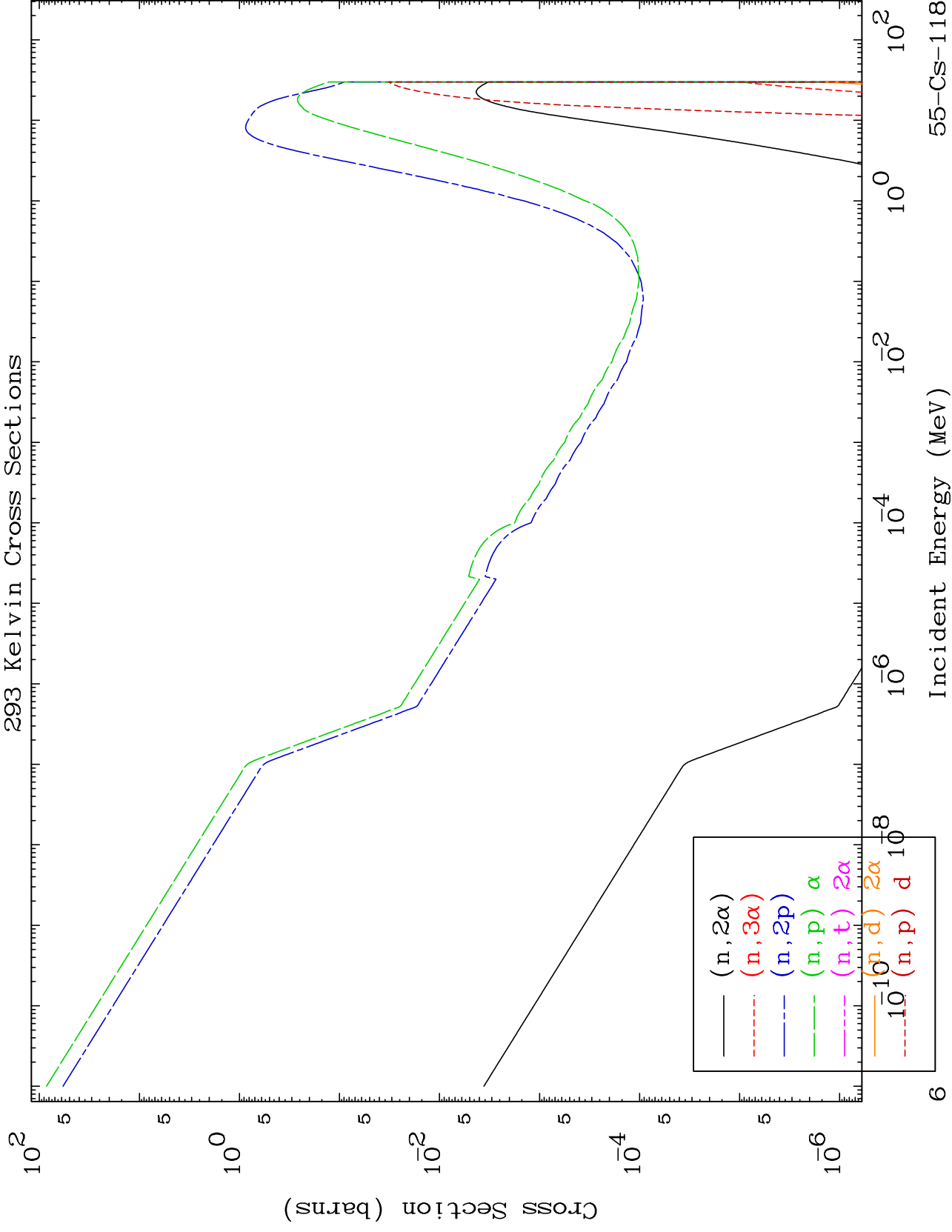
55-Cs-118



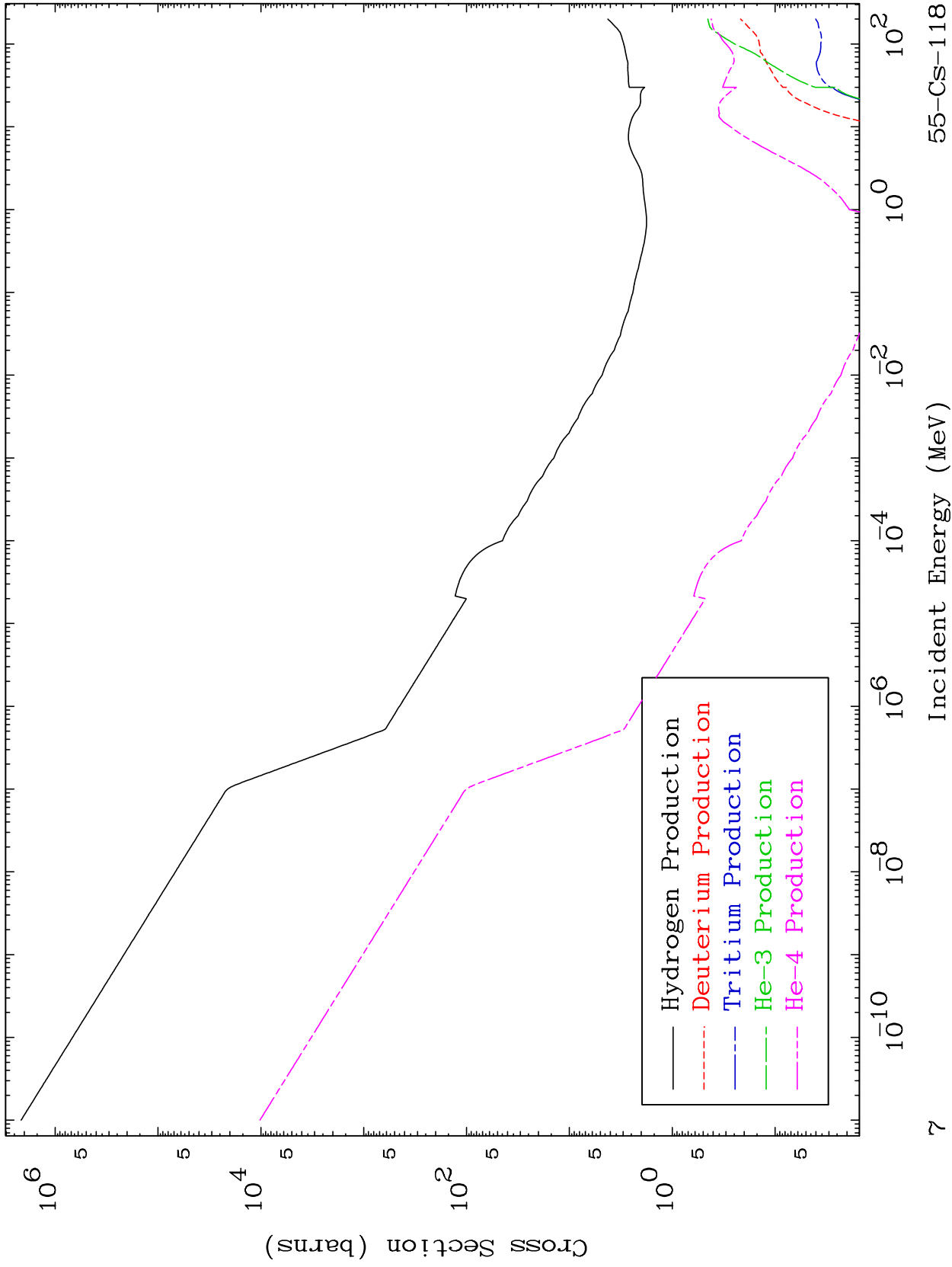
MAT 5481

Charged Particle
293 Kelvin Cross Sections

55-Cs-118



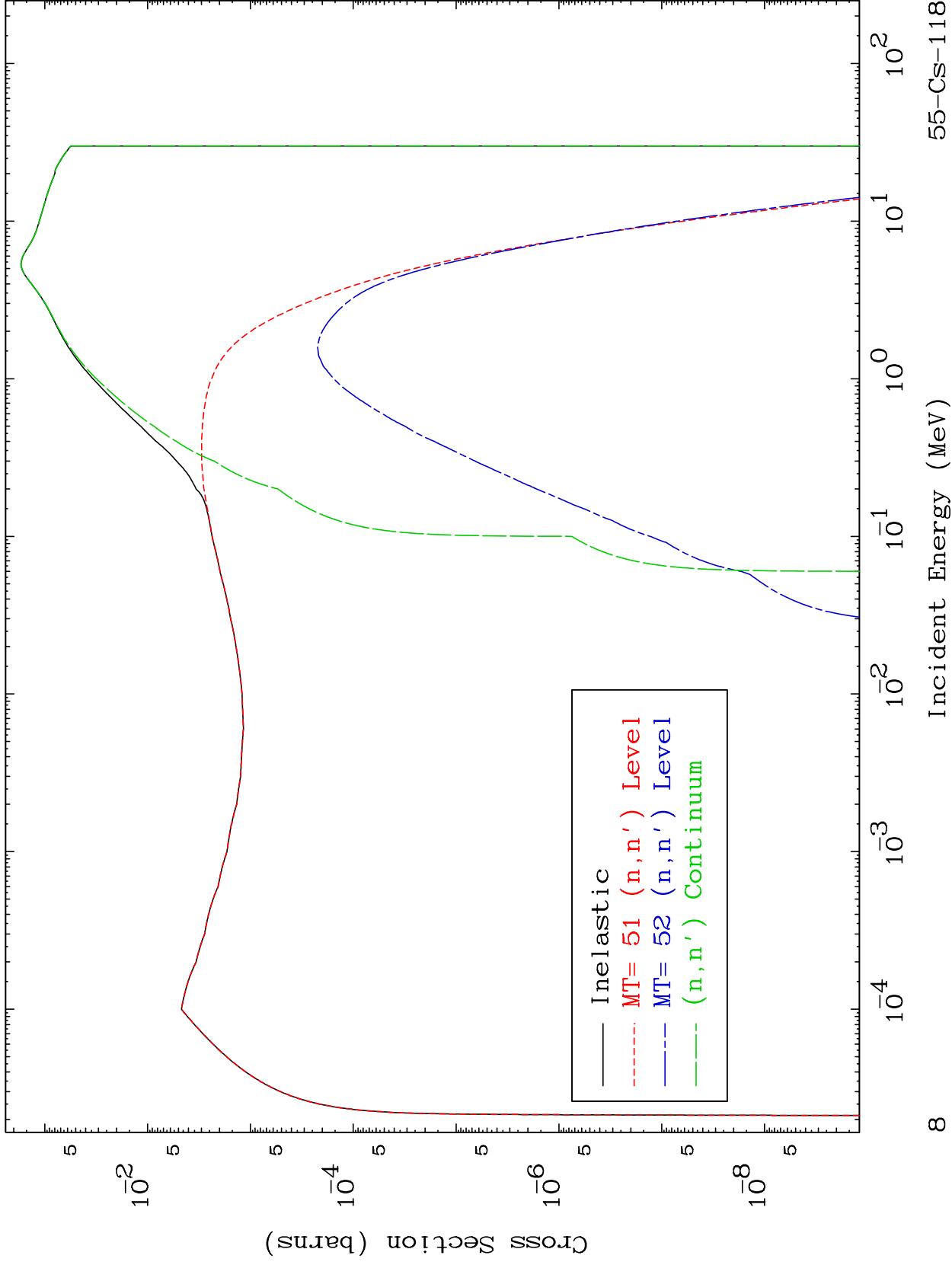
55-Cs-118



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(n,n') Level
293 Kelvin Cross Sections

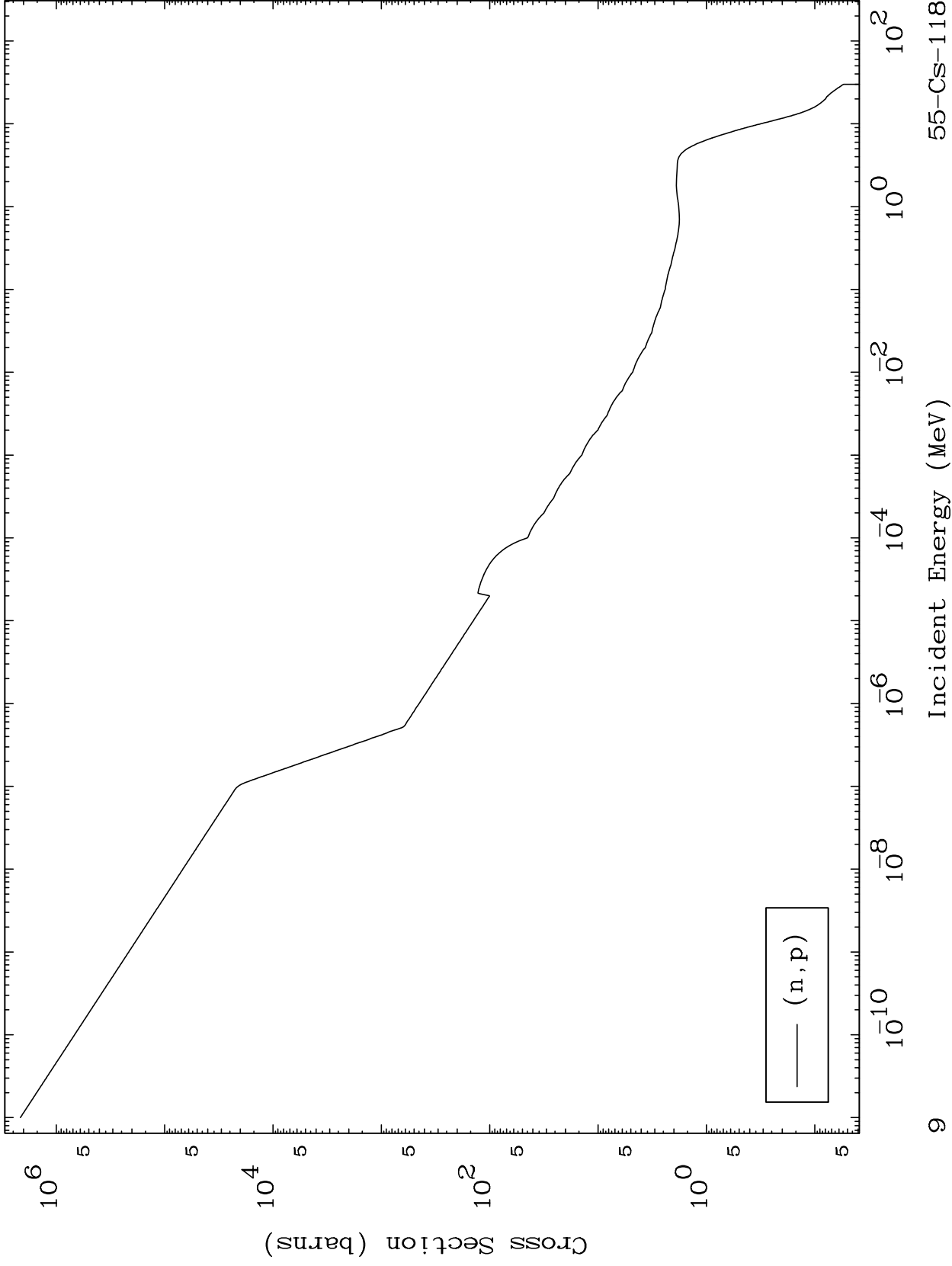
55-Cs-118



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(n,p) Levels
293 Kelvin Cross Sections

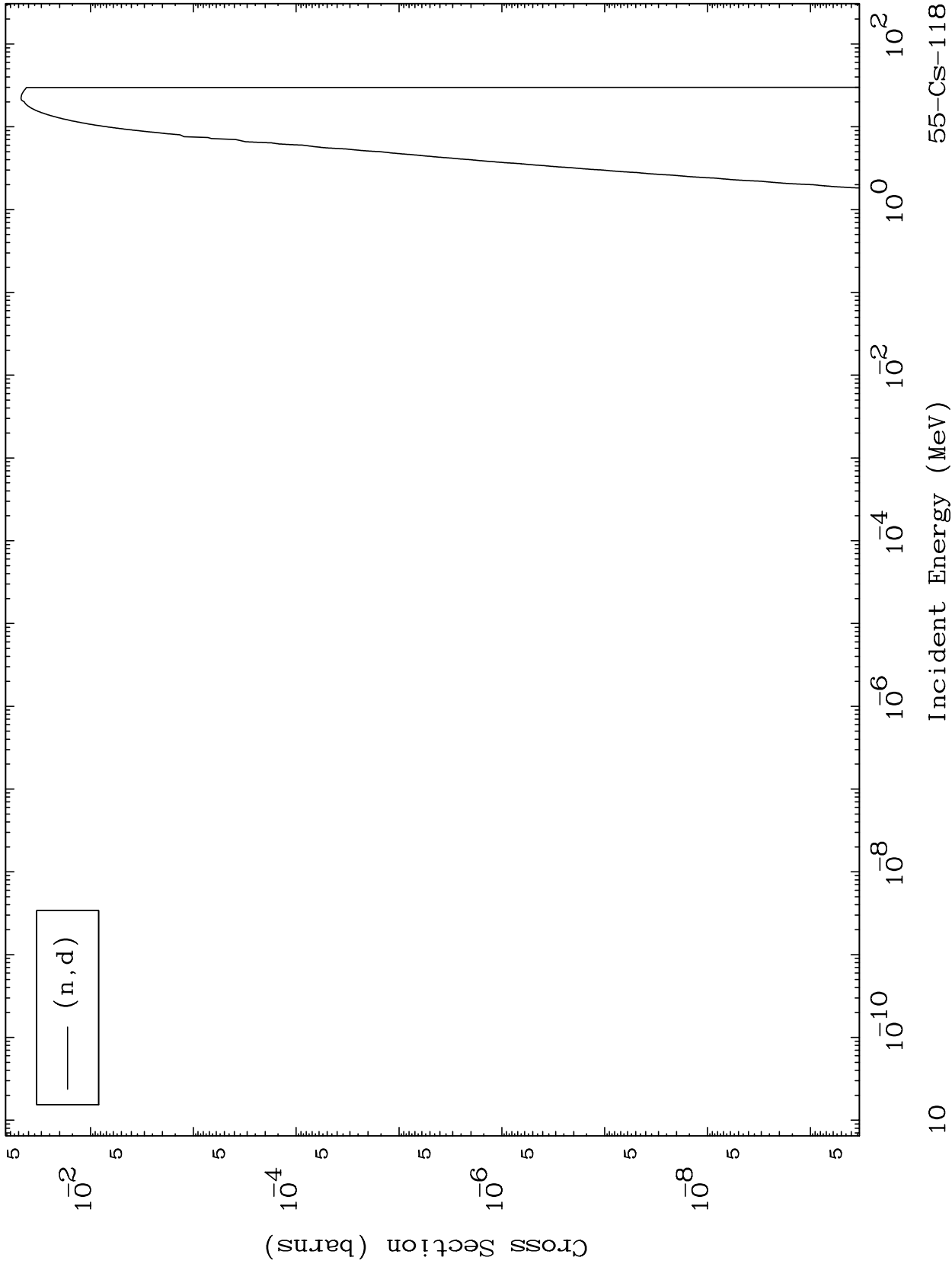
55-Cs-118



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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-118



10

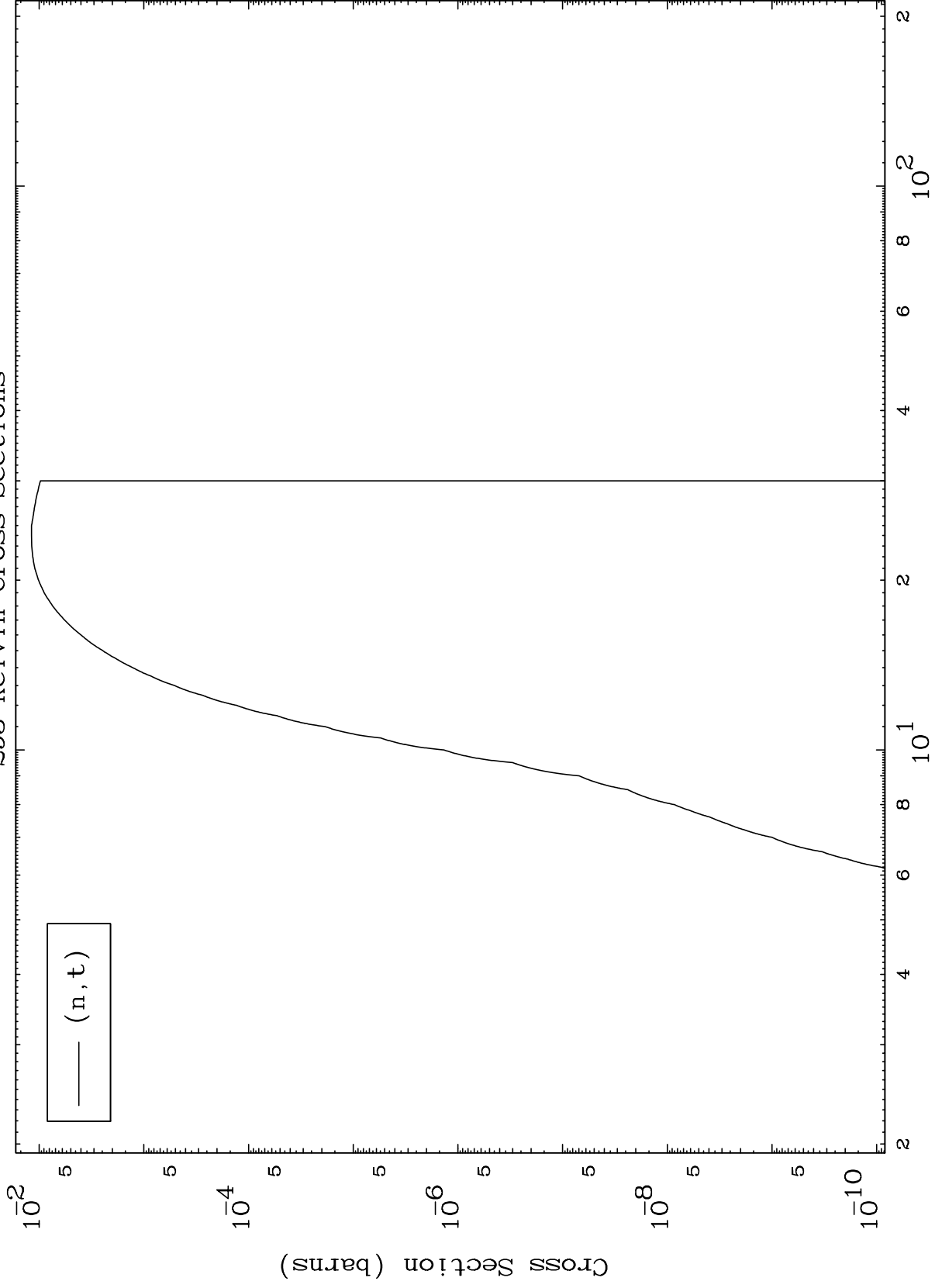
Incident Energy (MeV)

55-Cs-118

MAT 5481

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-118



11

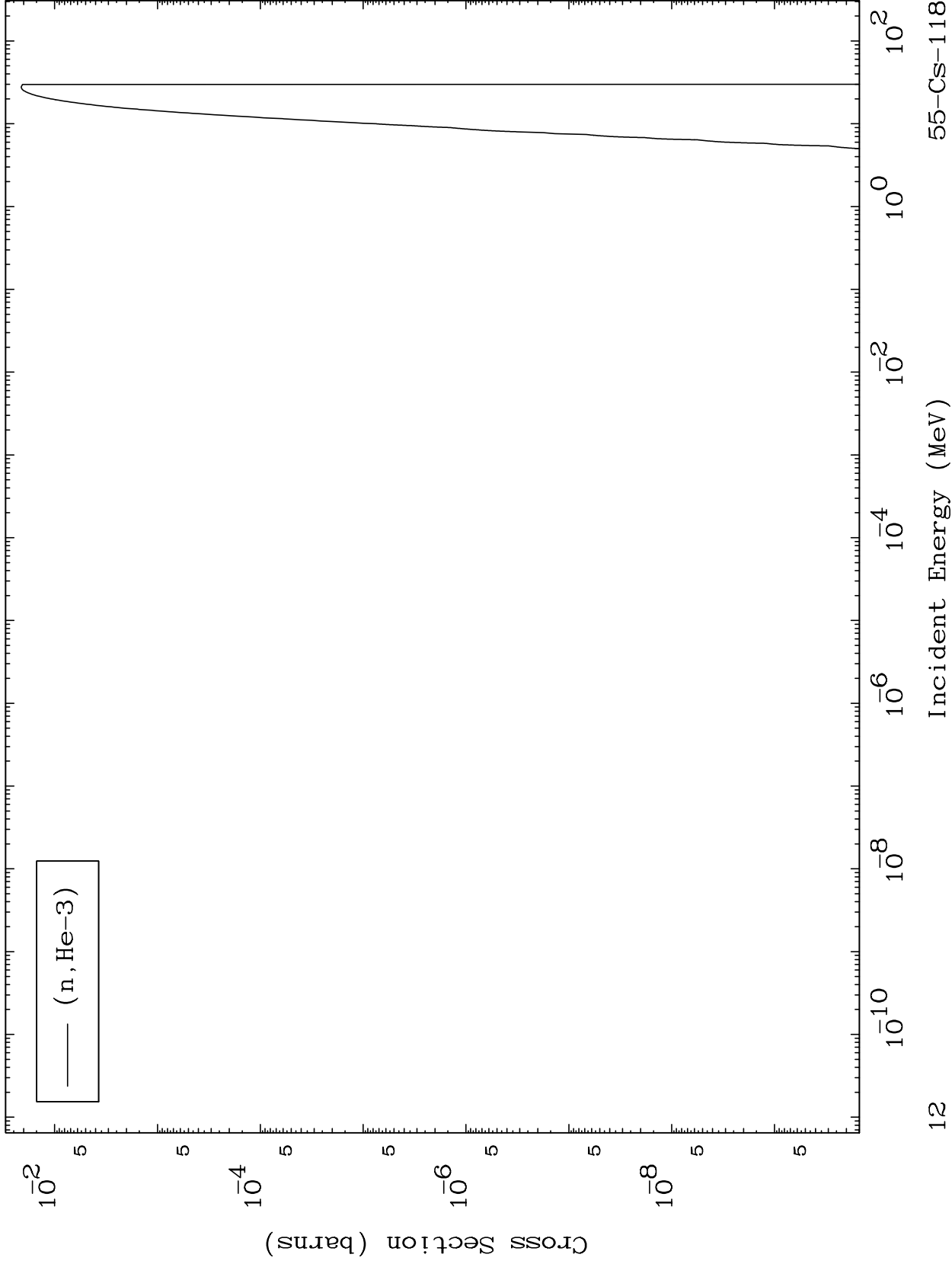
Incident Energy (MeV)

55-Cs-118

MAT 5481

(n,He3) Levels
293 Kelvin Cross Sections

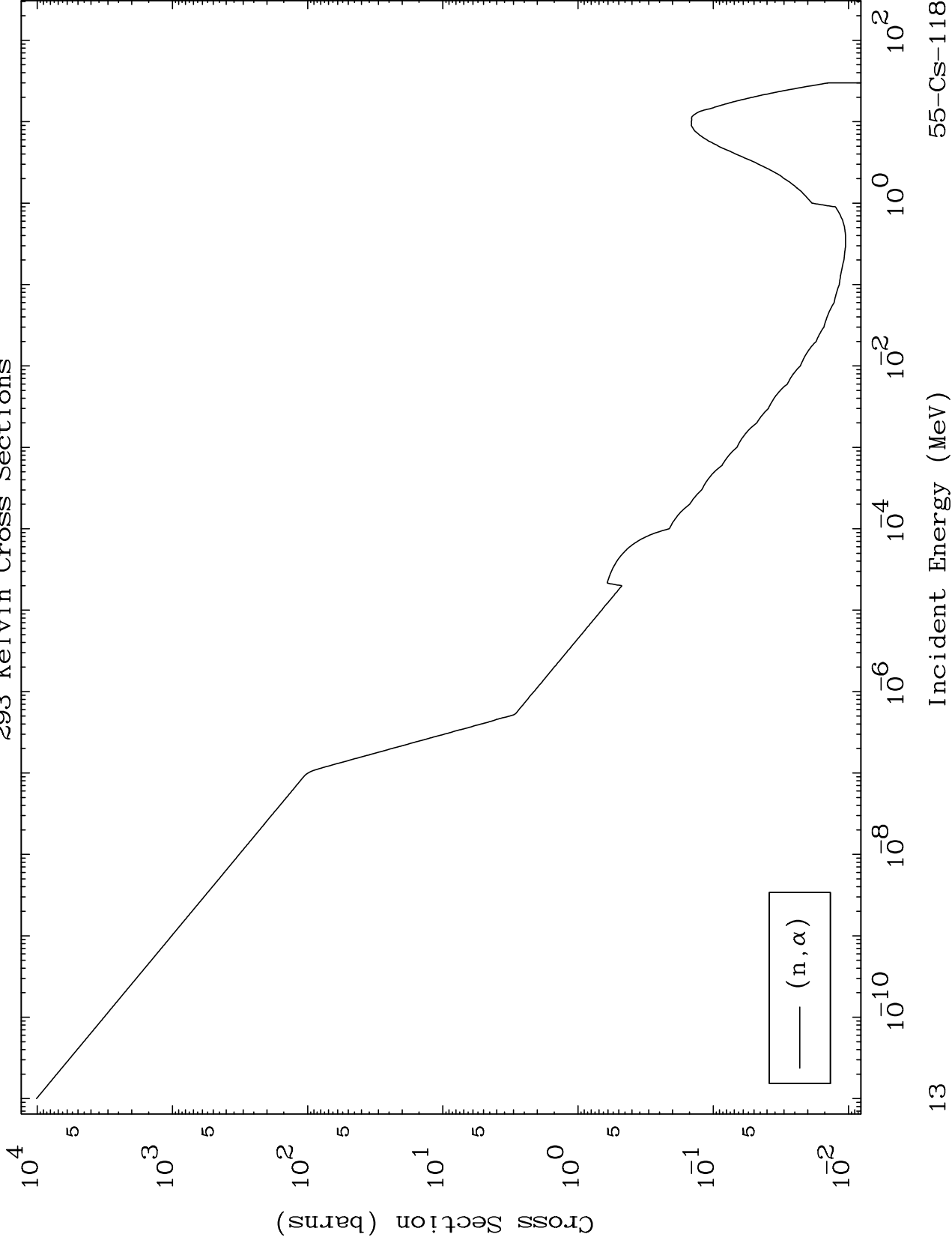
55-Cs-118

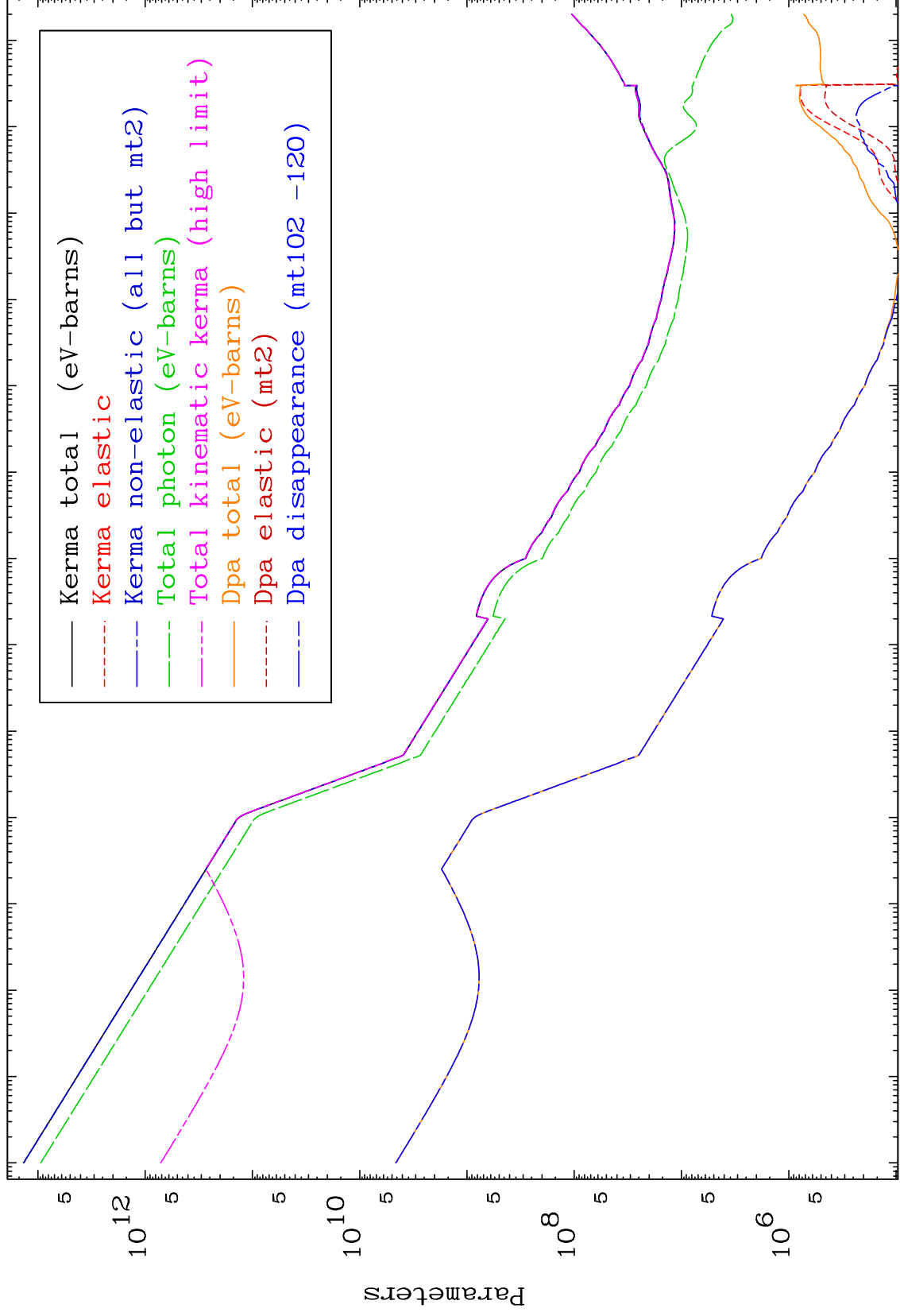


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(n,α) Levels
293 Kelvin Cross Sections

55-Cs-118

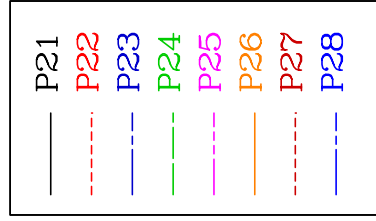




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Elastic Legendre Coefficients

55-Cs-118



$\times 10^{-6}$

3

2

1

0

Legendre (CM)

15

20

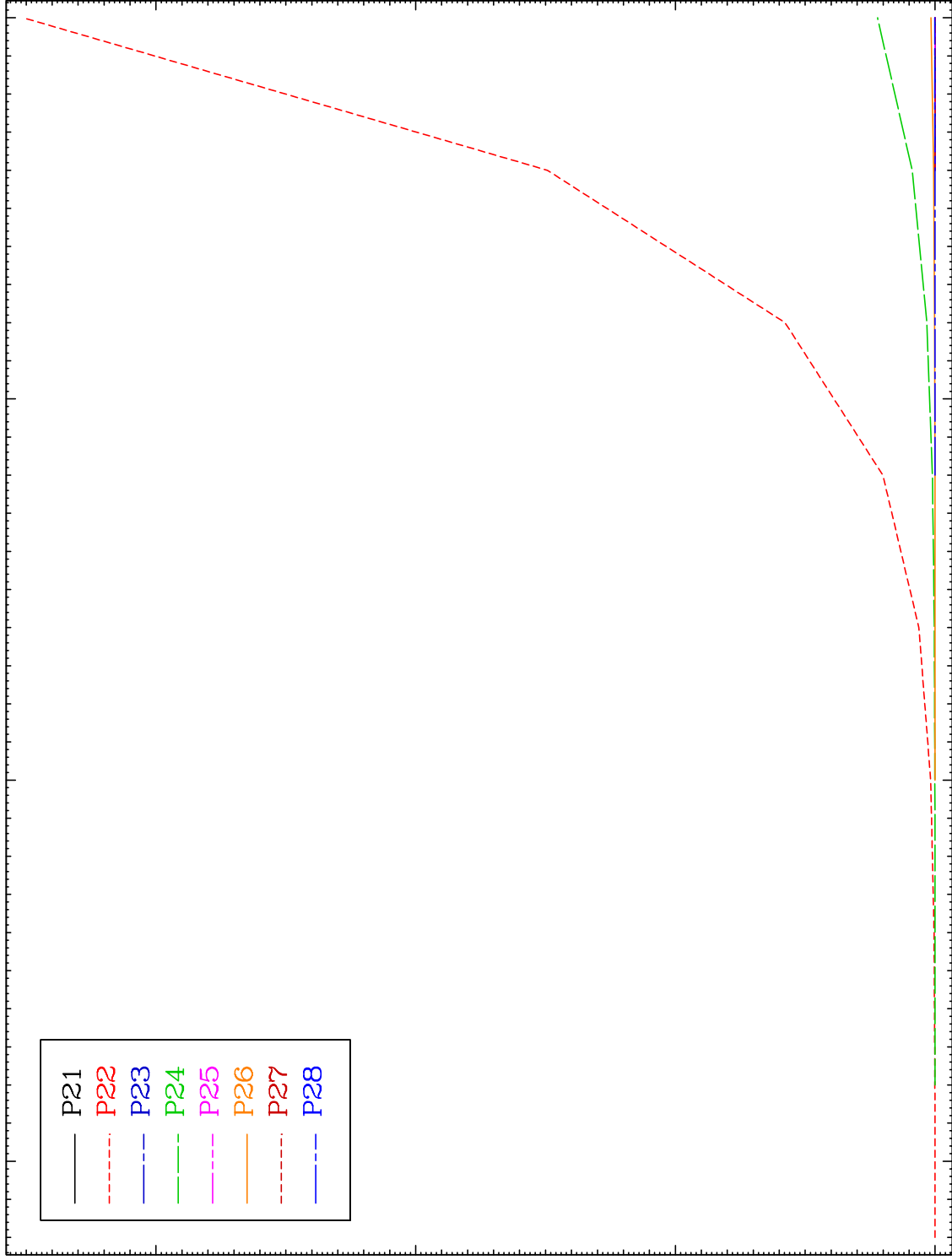
25

30

17

Incident Energy (MeV)

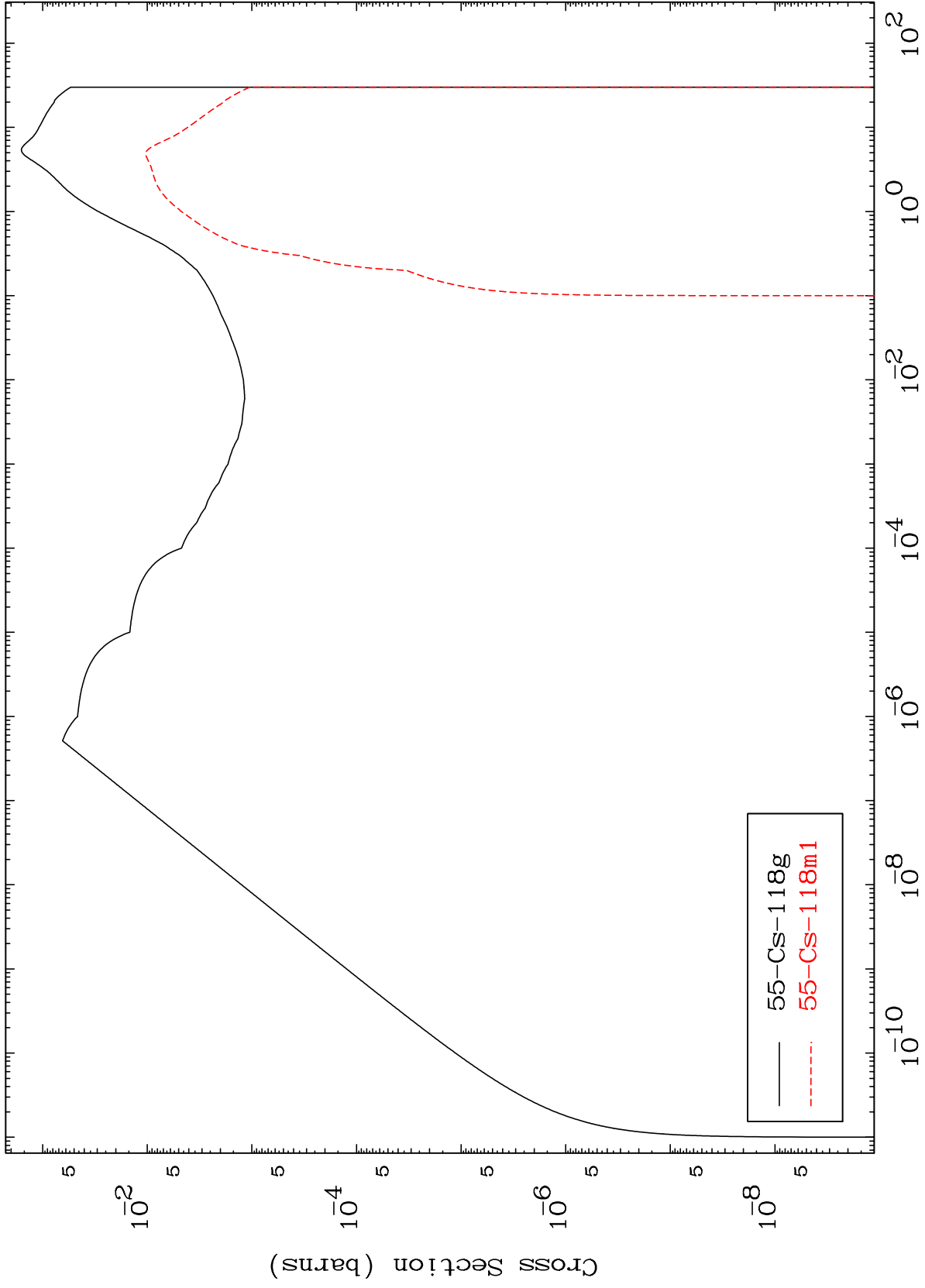
55-Cs-118



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Inelastic
Radionuclide Production Cross Section

55-Cs-118



55-Cs-118

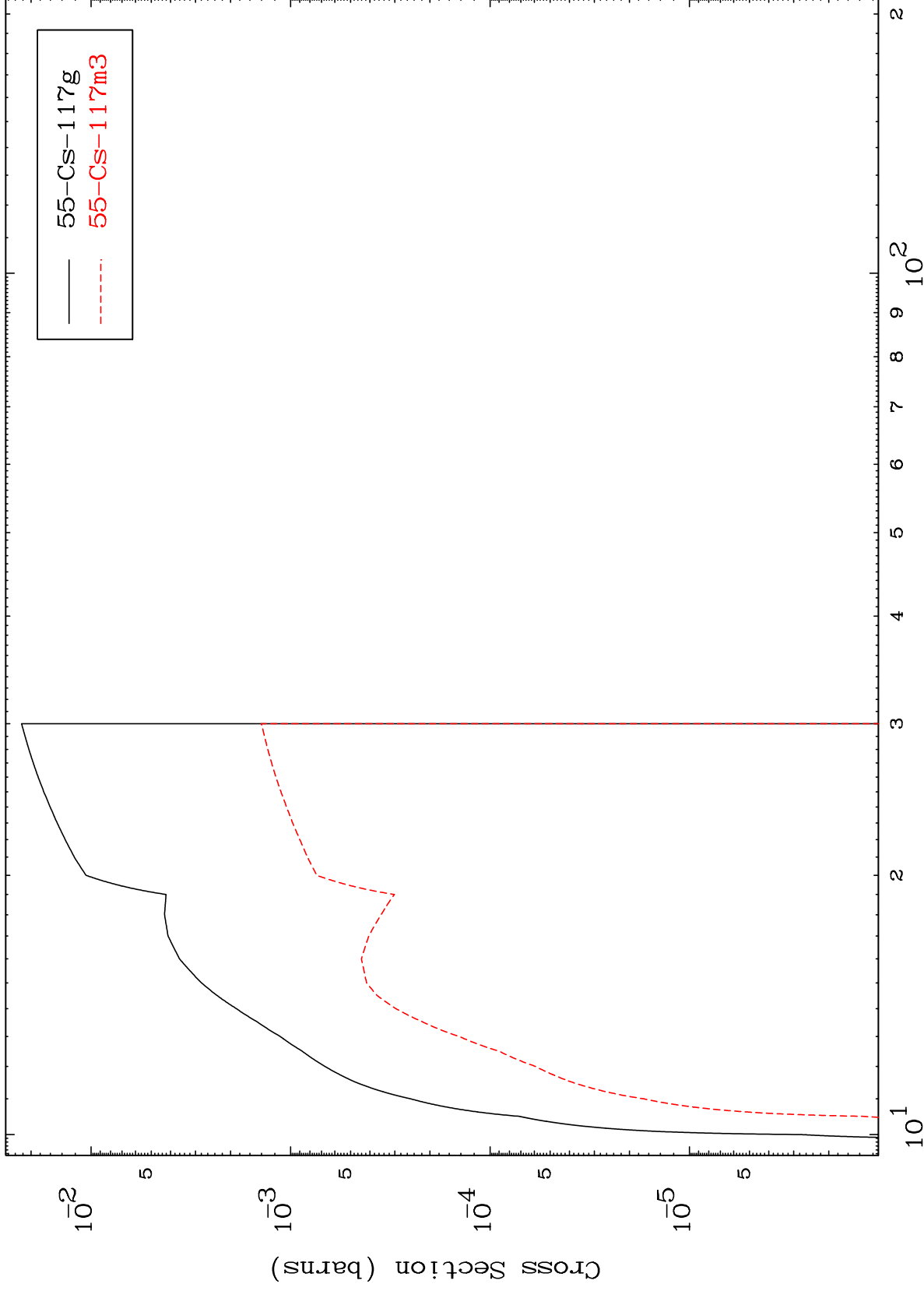
Incident Energy (MeV)

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(n,2n)

55-Cs-118

Radionuclide Production Cross Section



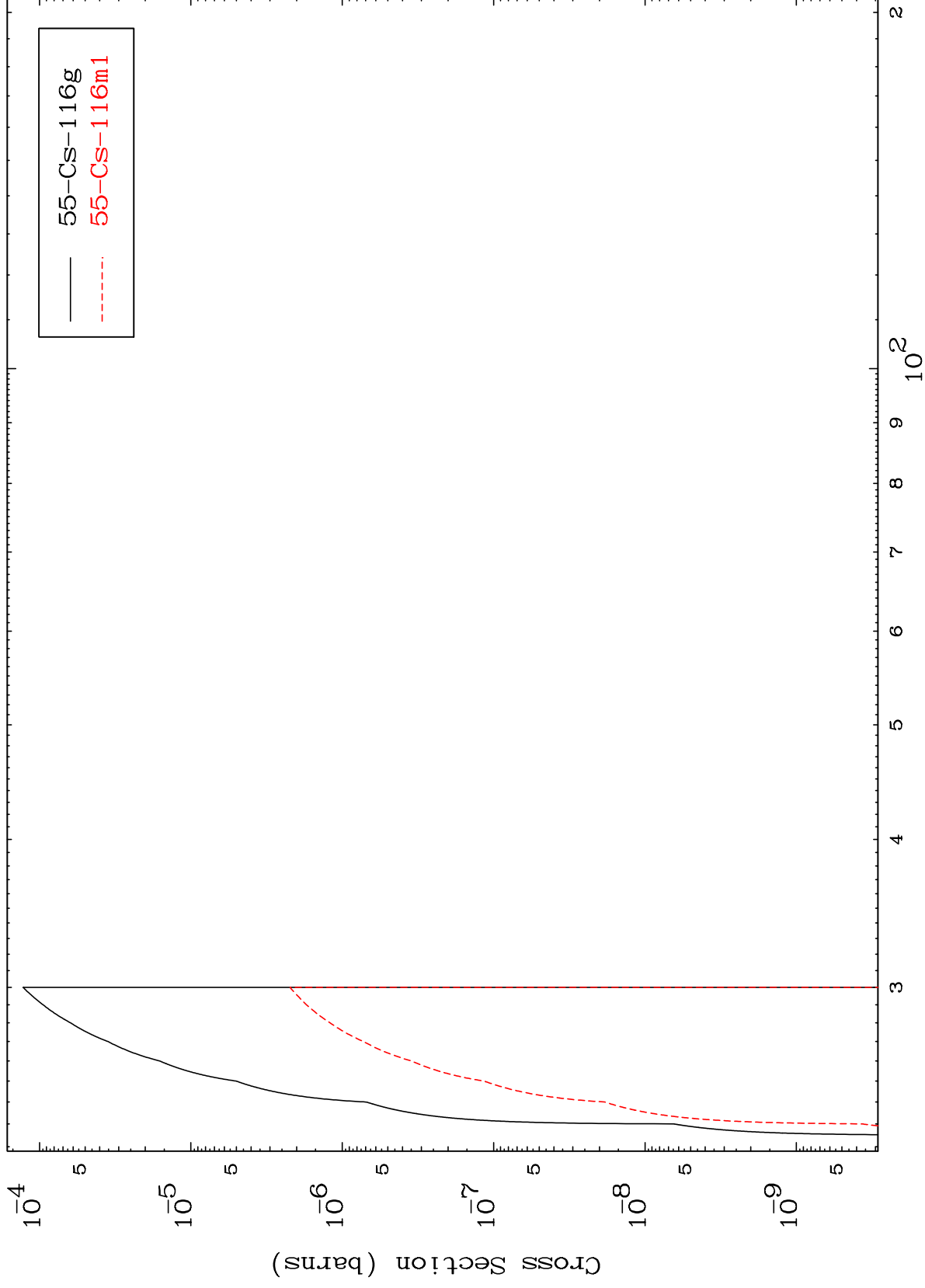
Incident Energy (MeV)

55-Cs-118

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55-Cs-118

(n,3n)
Radionuclide Production Cross Section



55-Cs-118

Incident Energy (MeV)

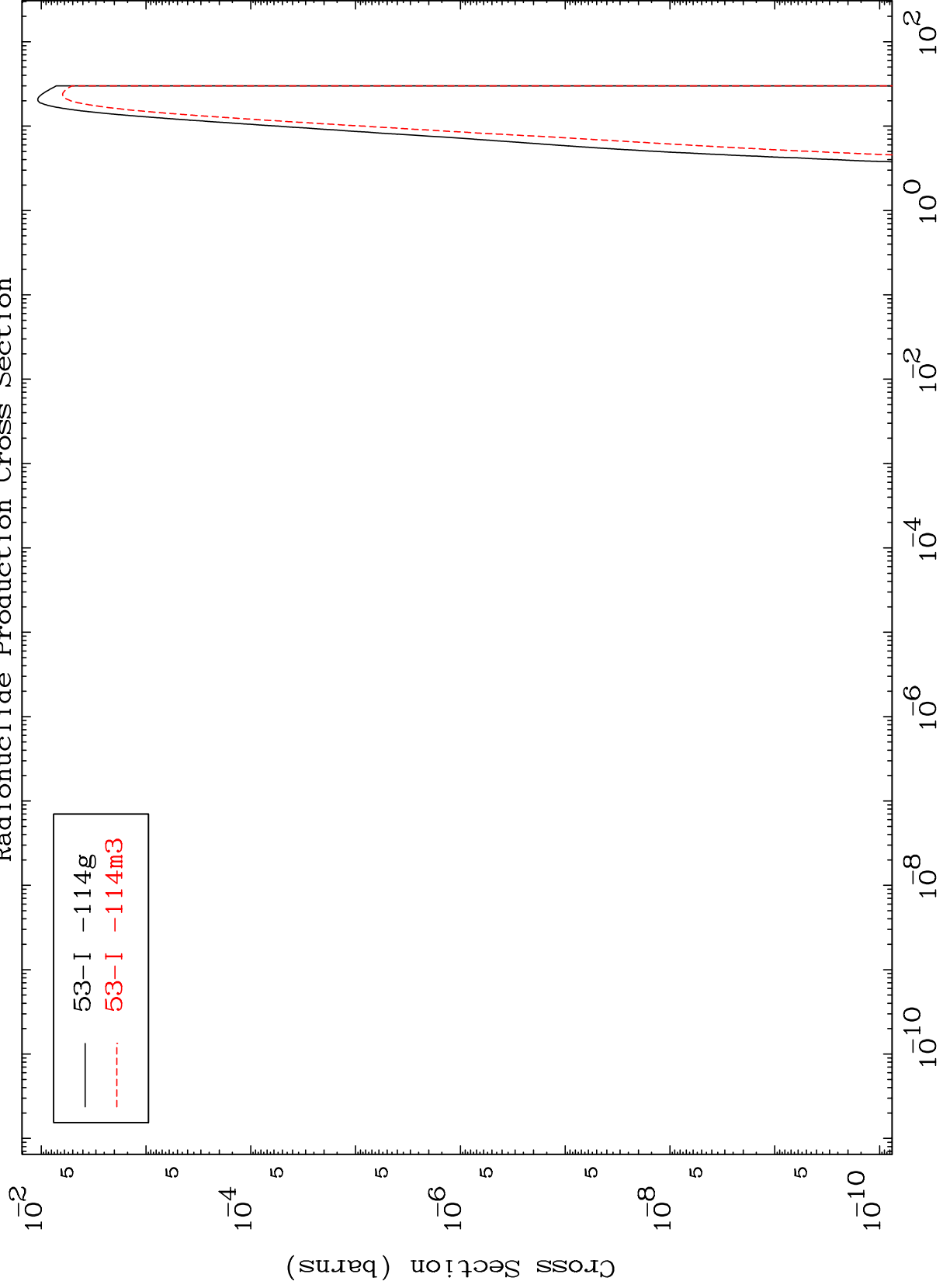
20

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$(n, n') \alpha$

55-Cs-118

Radionuclide Production Cross Section



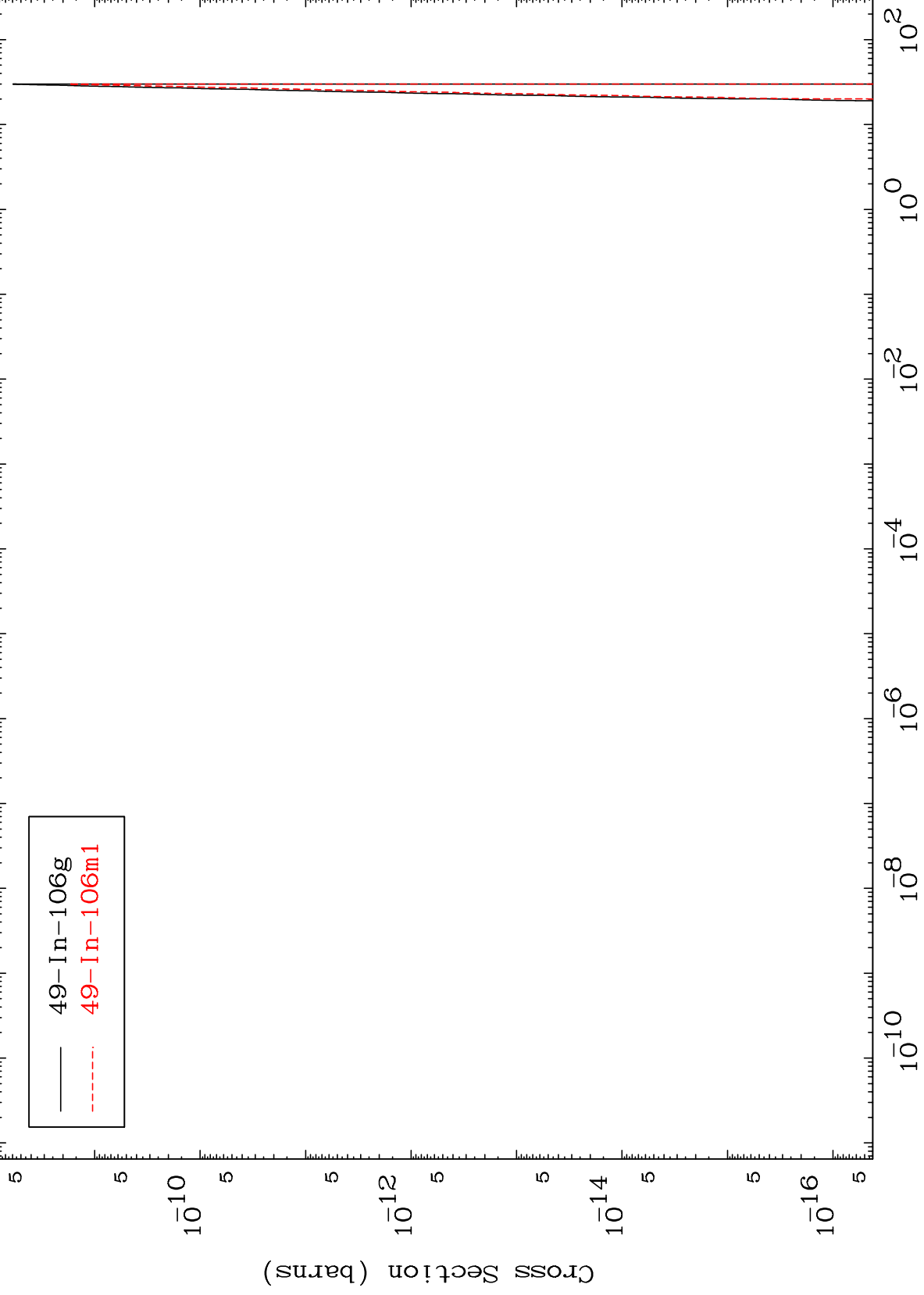
53-I -114g
53-I -114m3

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(n,n') 3α

55-Cs-118

Radionuclide Production Cross Section

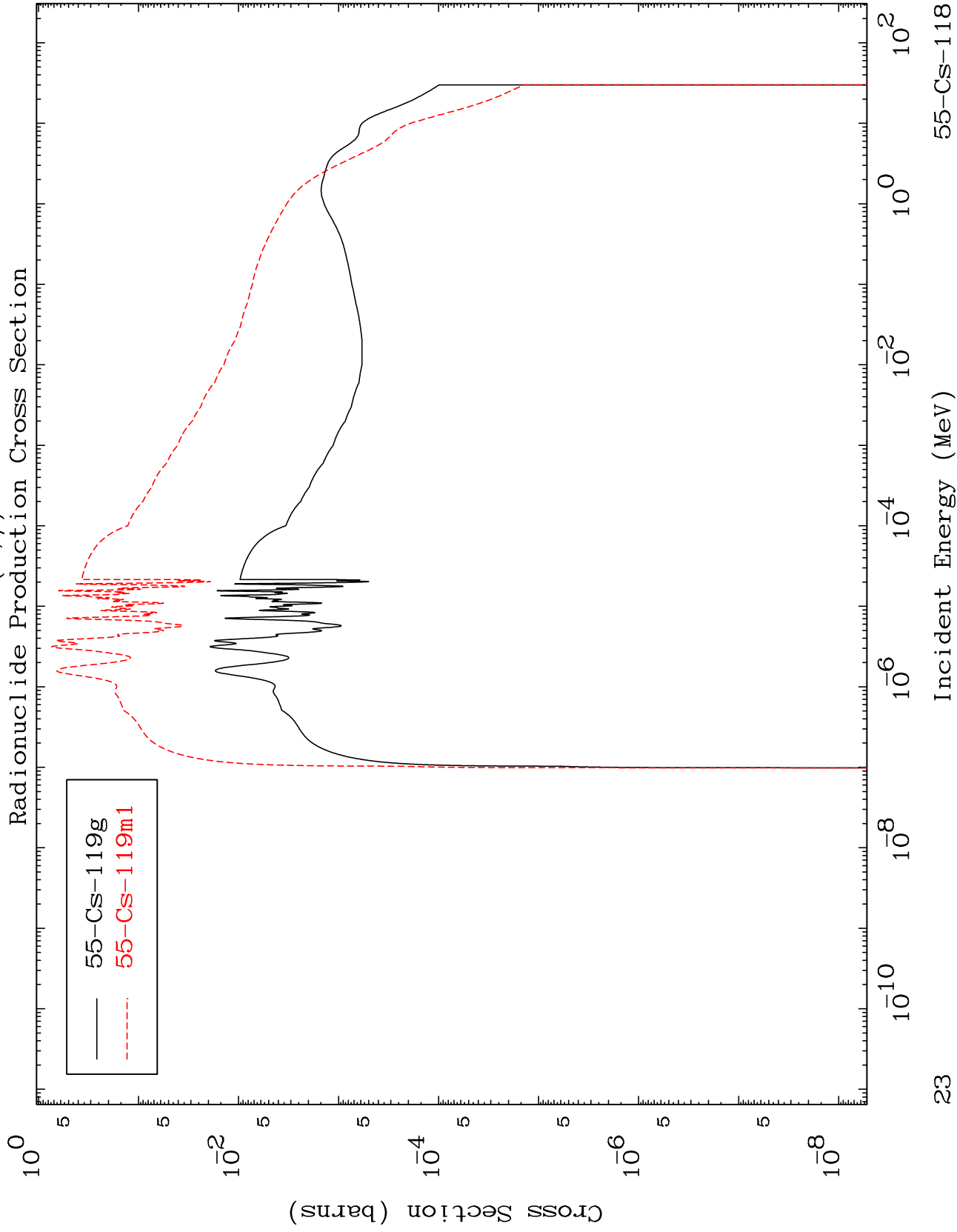


49-In-106g
49-In-106m1

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55-Cs-118

Radionuclide Production Cross Section
(n, γ)



MAT 5481

(n,3α)

55-Cs-118

Radionuclide Production Cross Section

