

Program EVALPLOT
(Version 2015-2)

by

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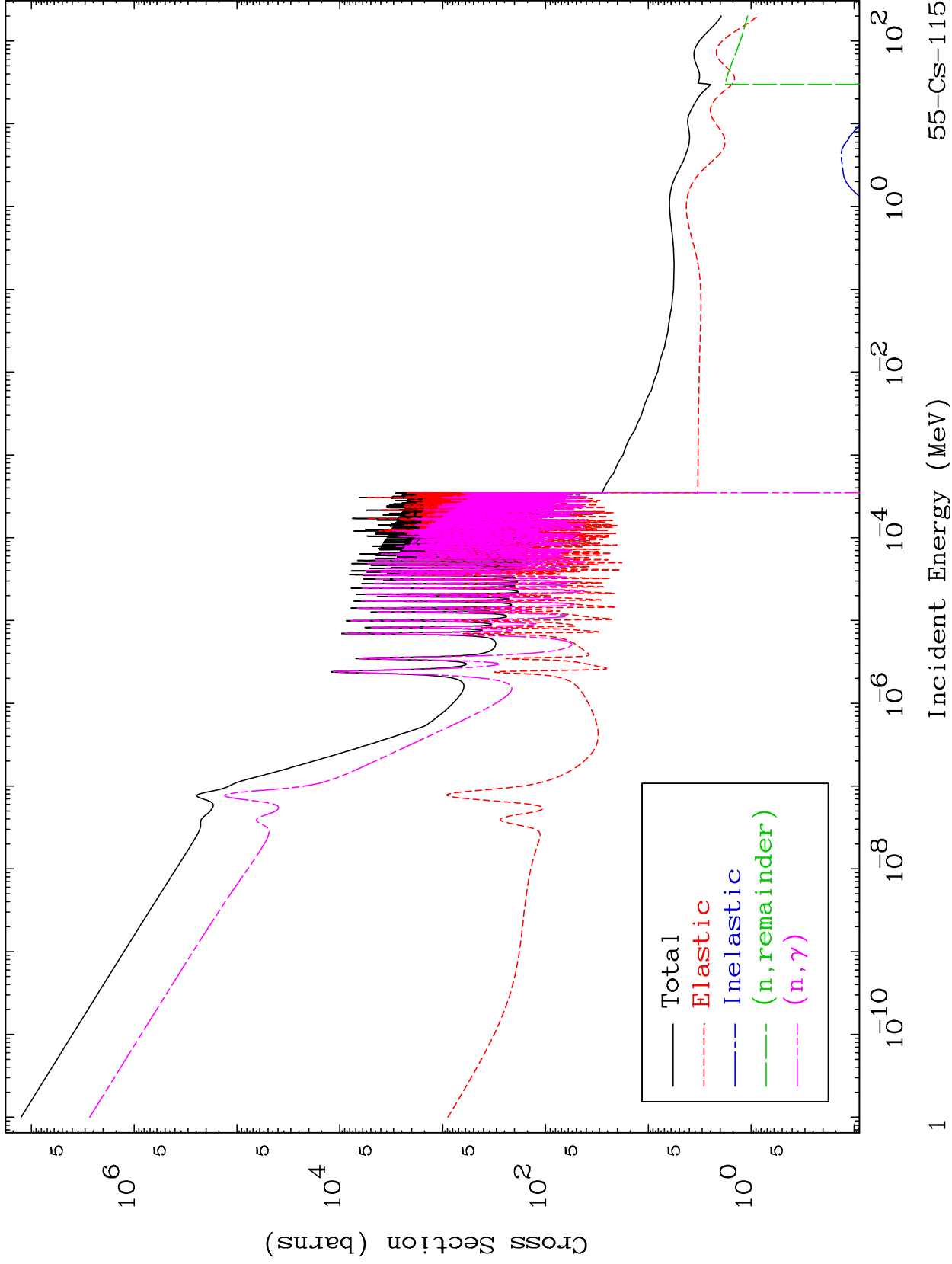
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5471

Major
293 Kelvin Cross Sections

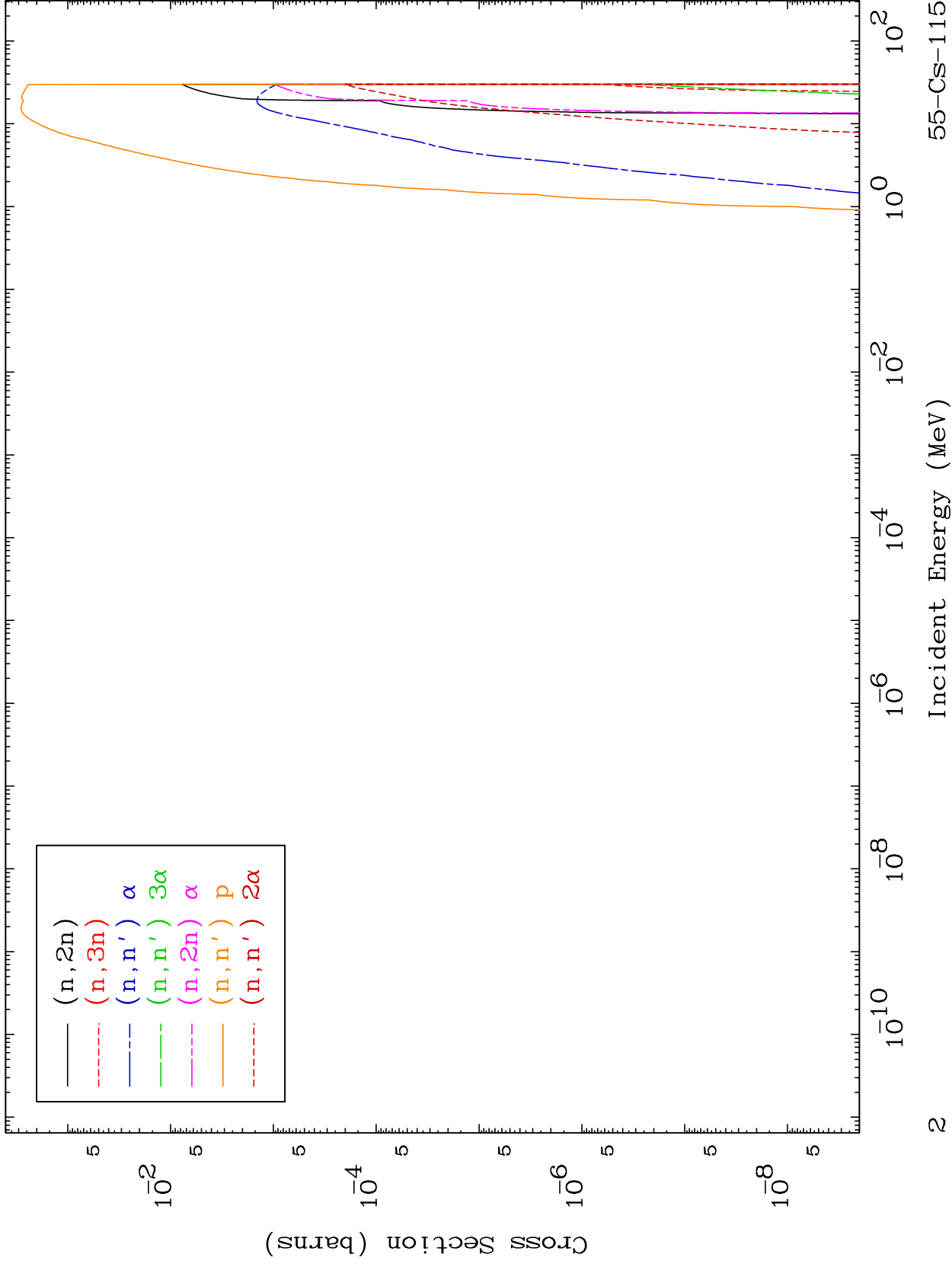
55-Cs-115

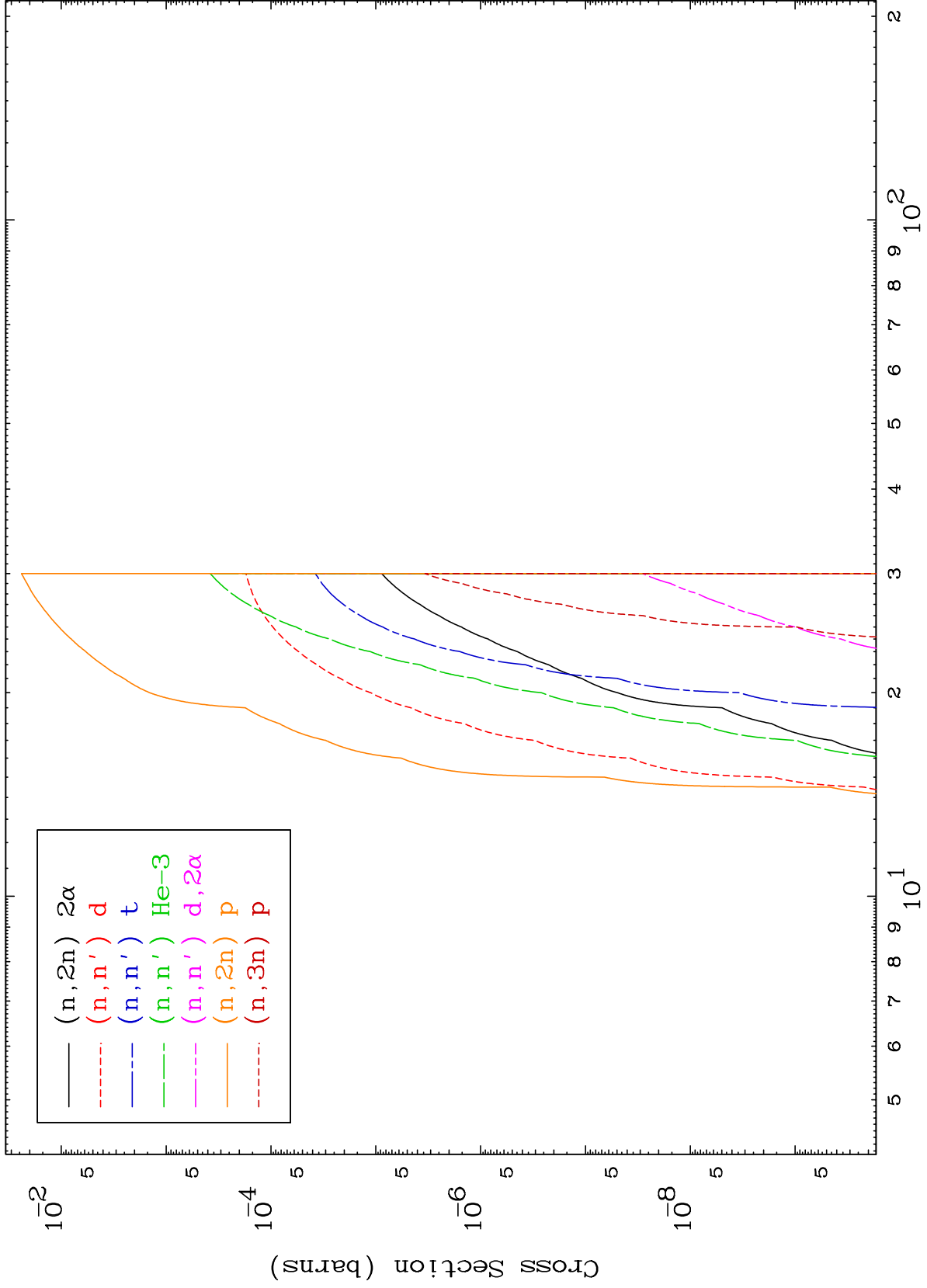


MAT 5471

Neutron Production
293 Kelvin Cross Sections

55-Cs-115

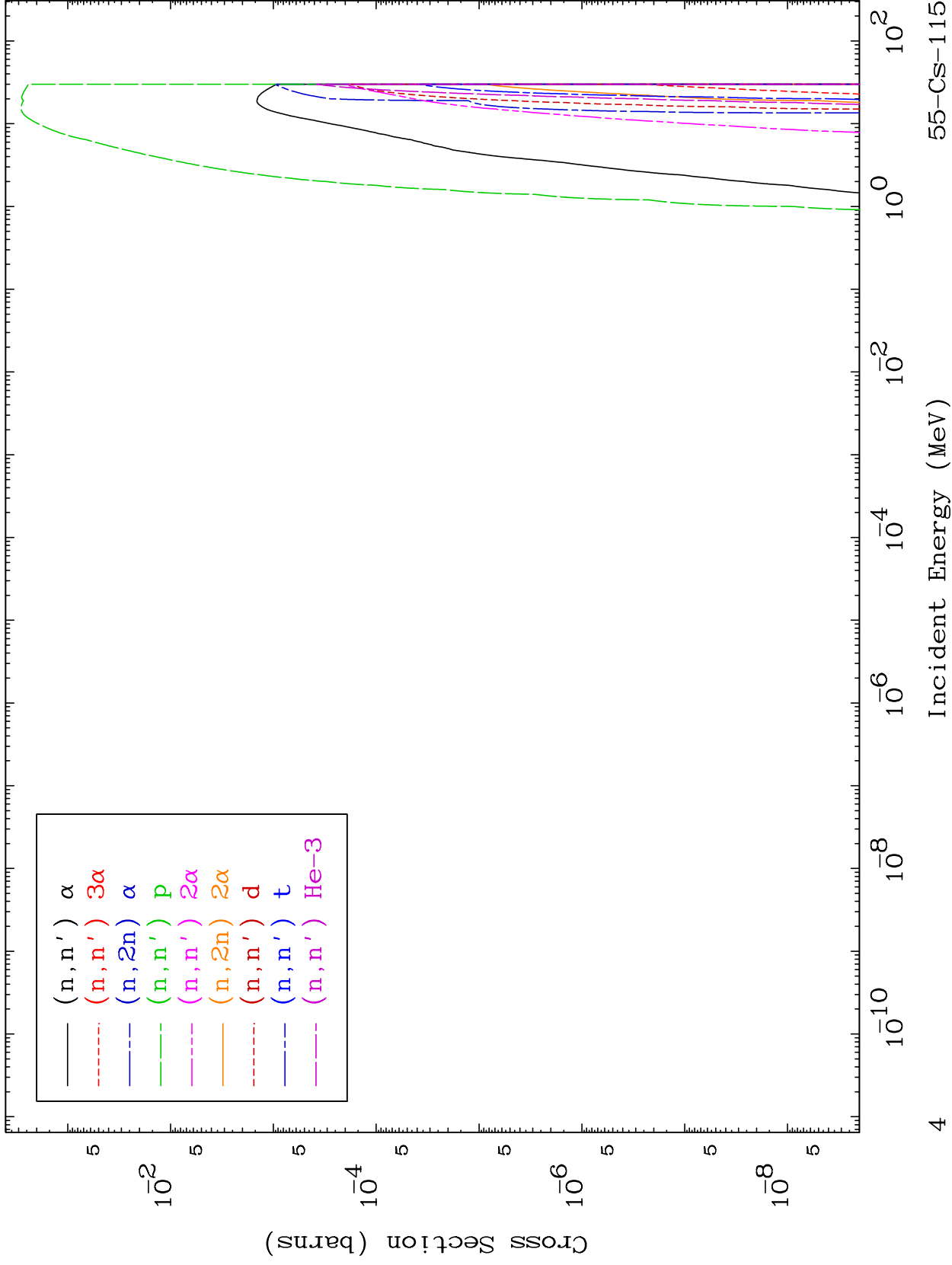




MAT 5471

Charged Particle
293 Kelvin Cross Sections

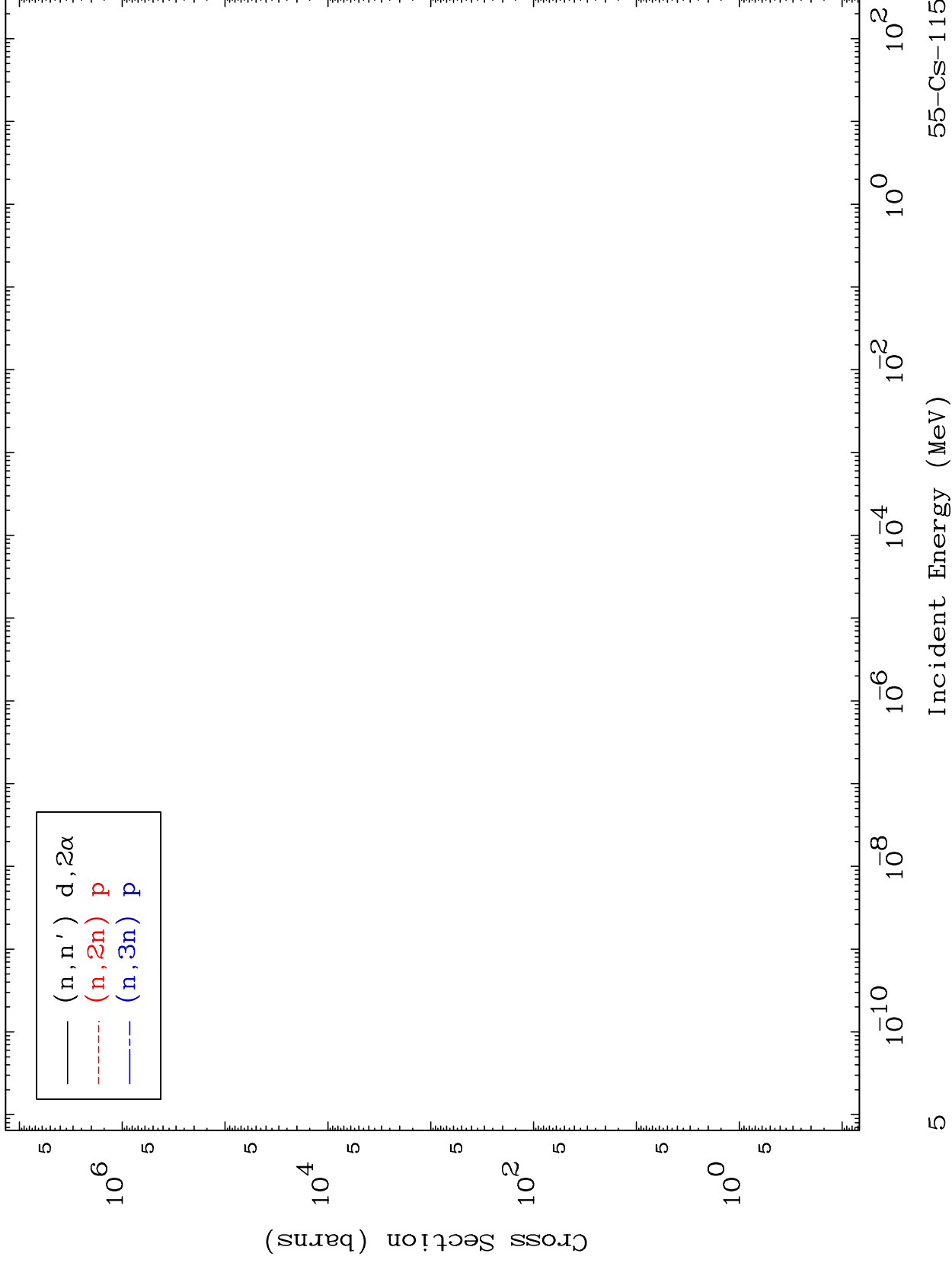
55-Cs-115



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Charged Particle
293 Kelvin Cross Sections

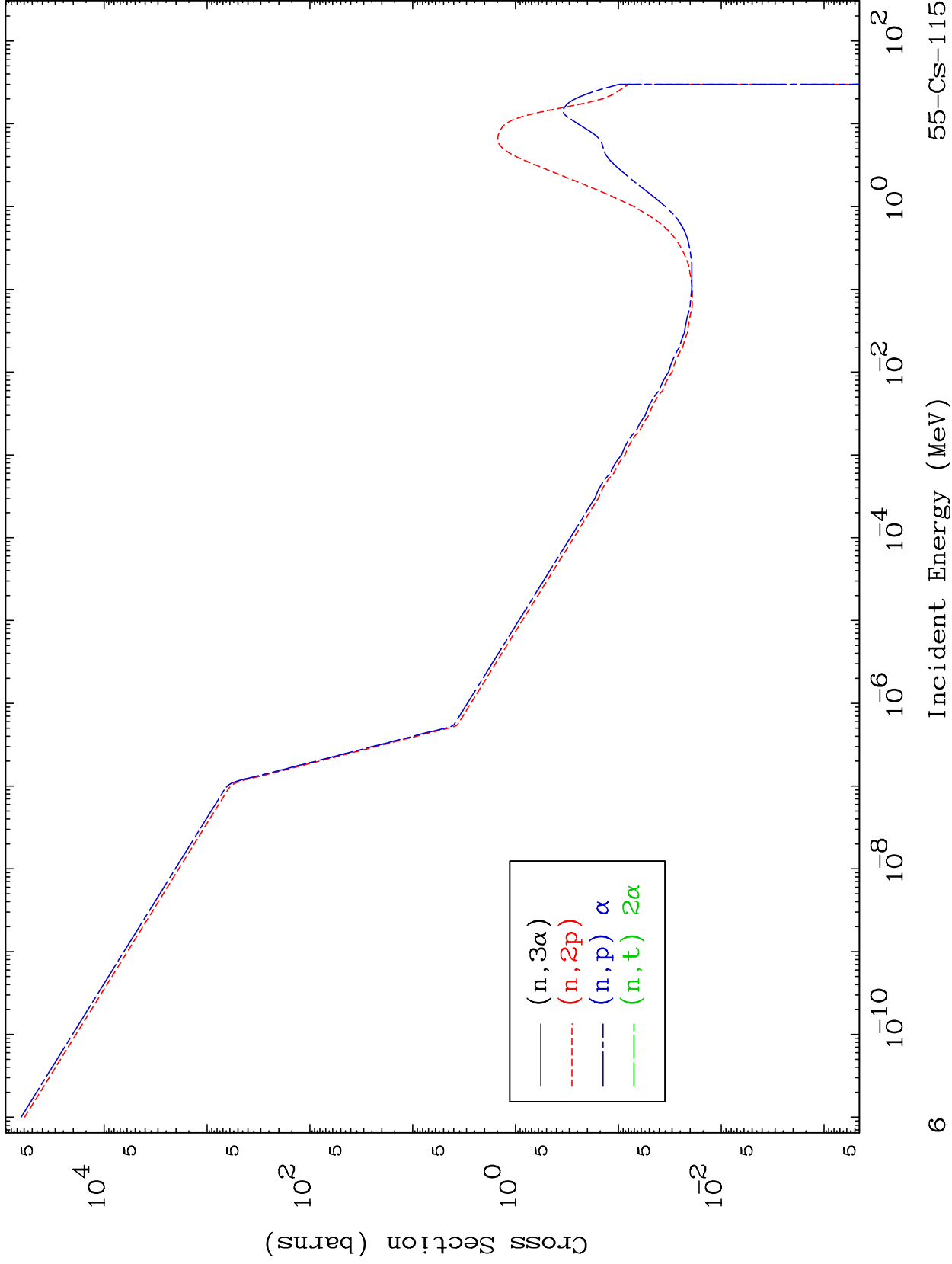
55-Cs-115



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Charged Particle
293 Kelvin Cross Sections

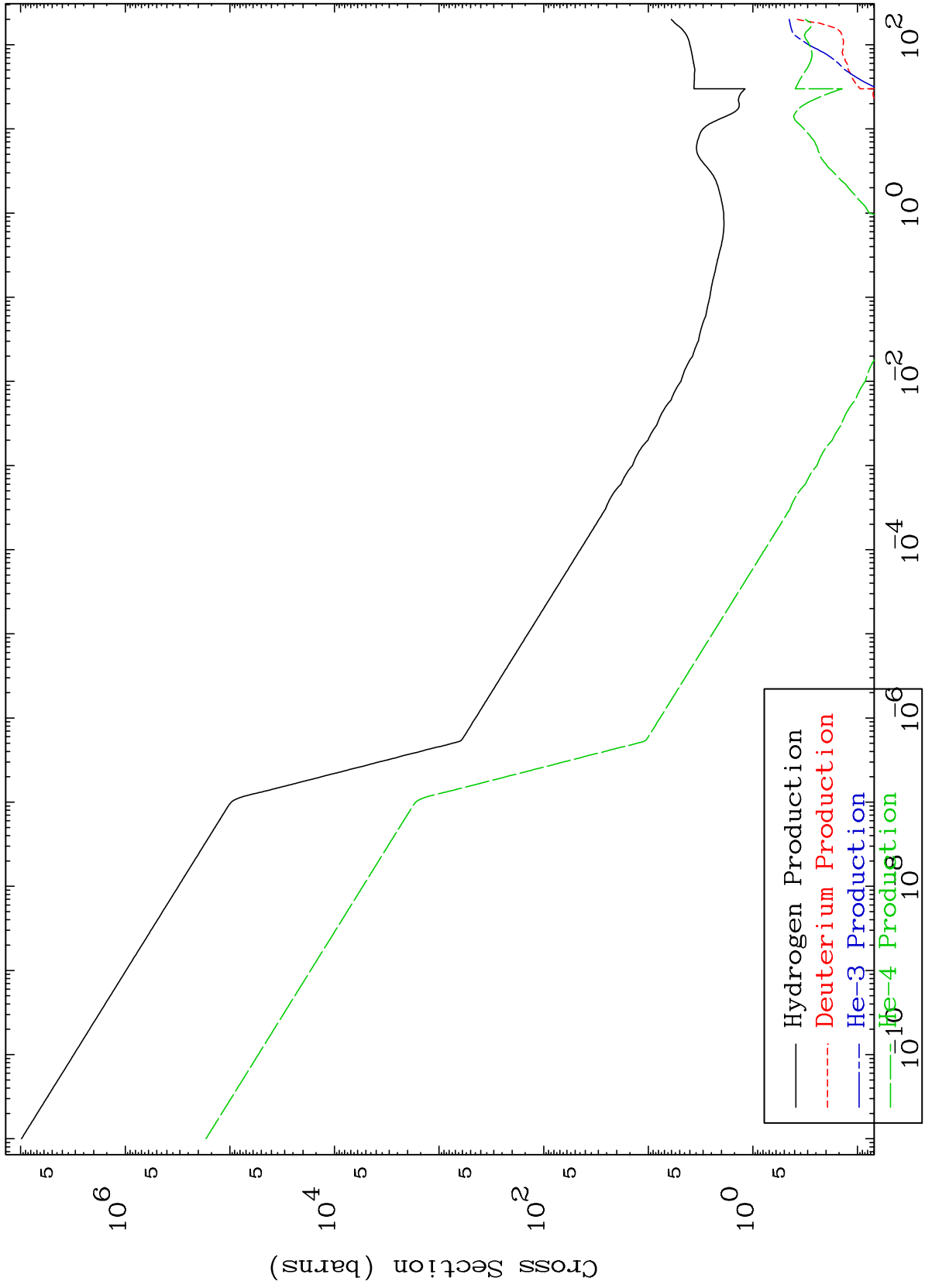
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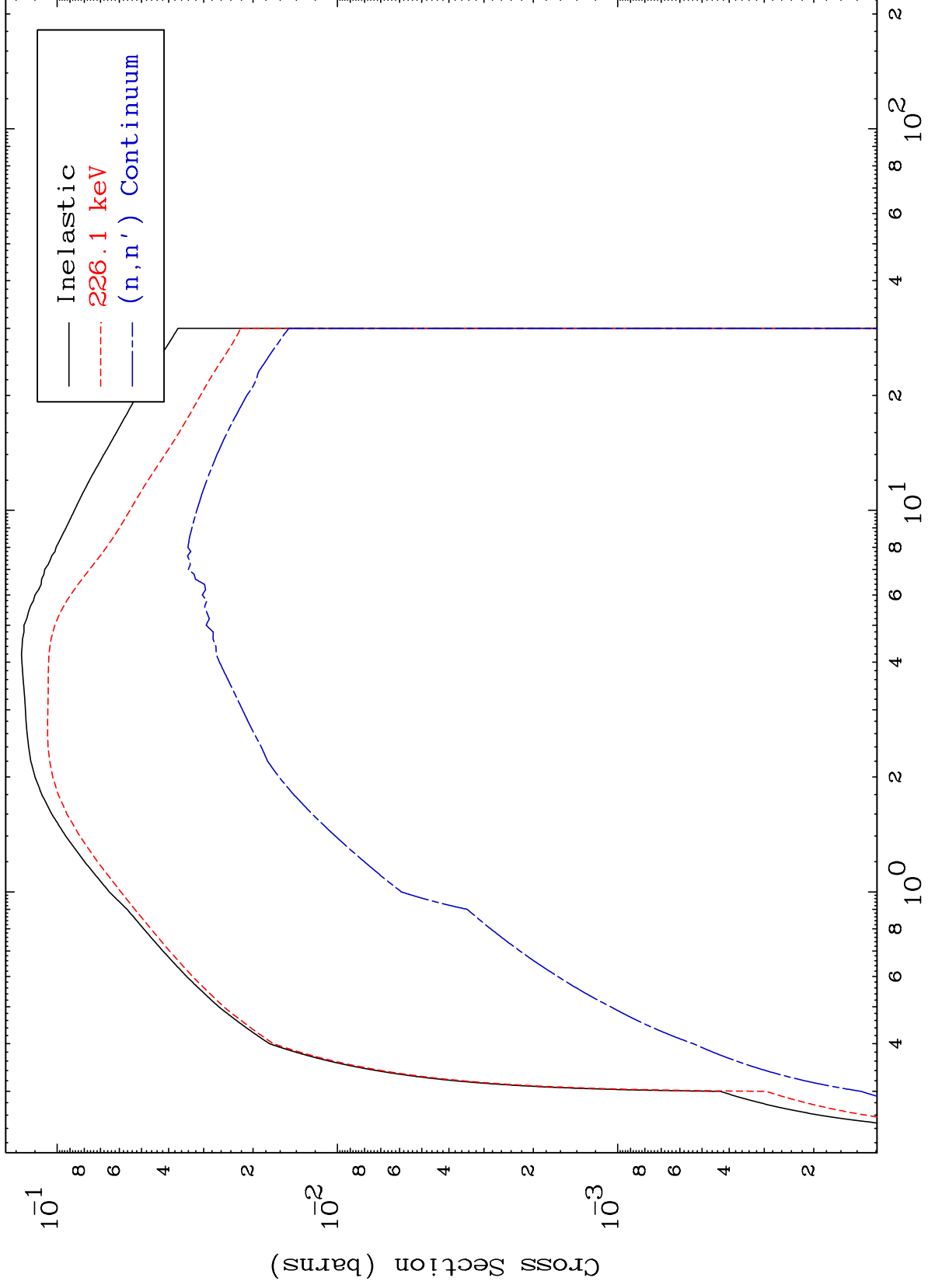


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Particle Production
293 Kelvin Cross Sections

55-Cs-115

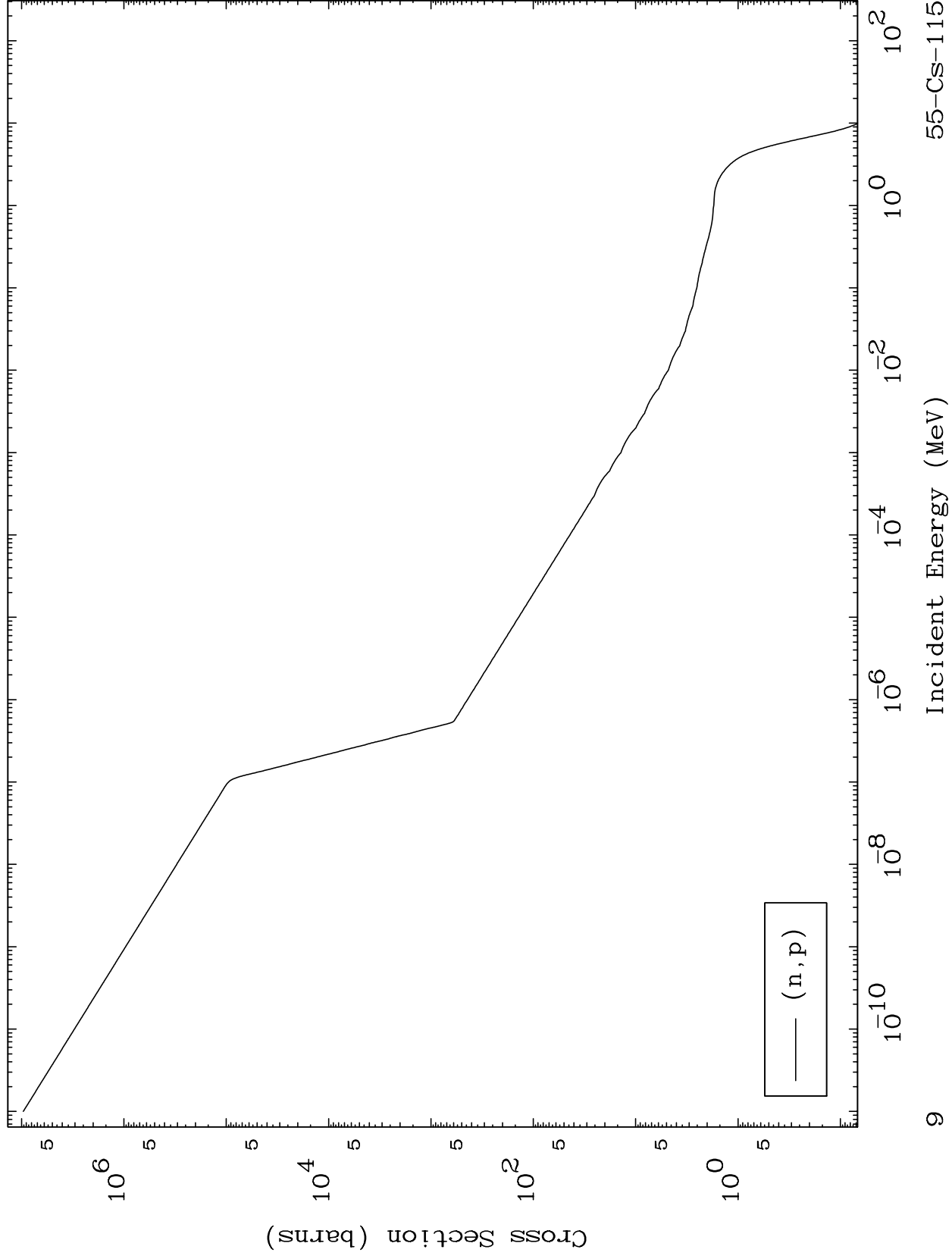




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(n,p) Levels
293 Kelvin Cross Sections

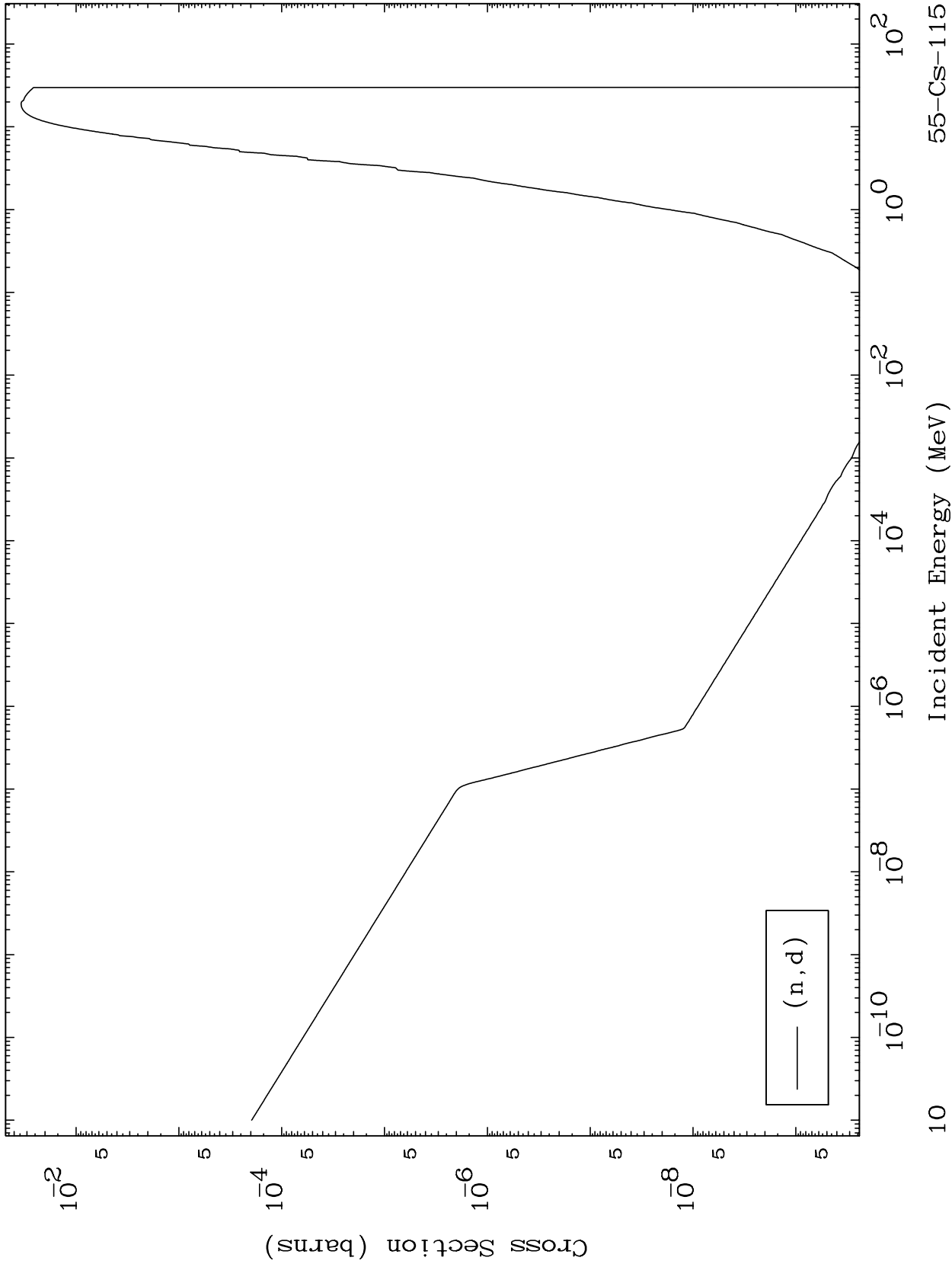
55-Cs-115



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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-115



55-Cs-115

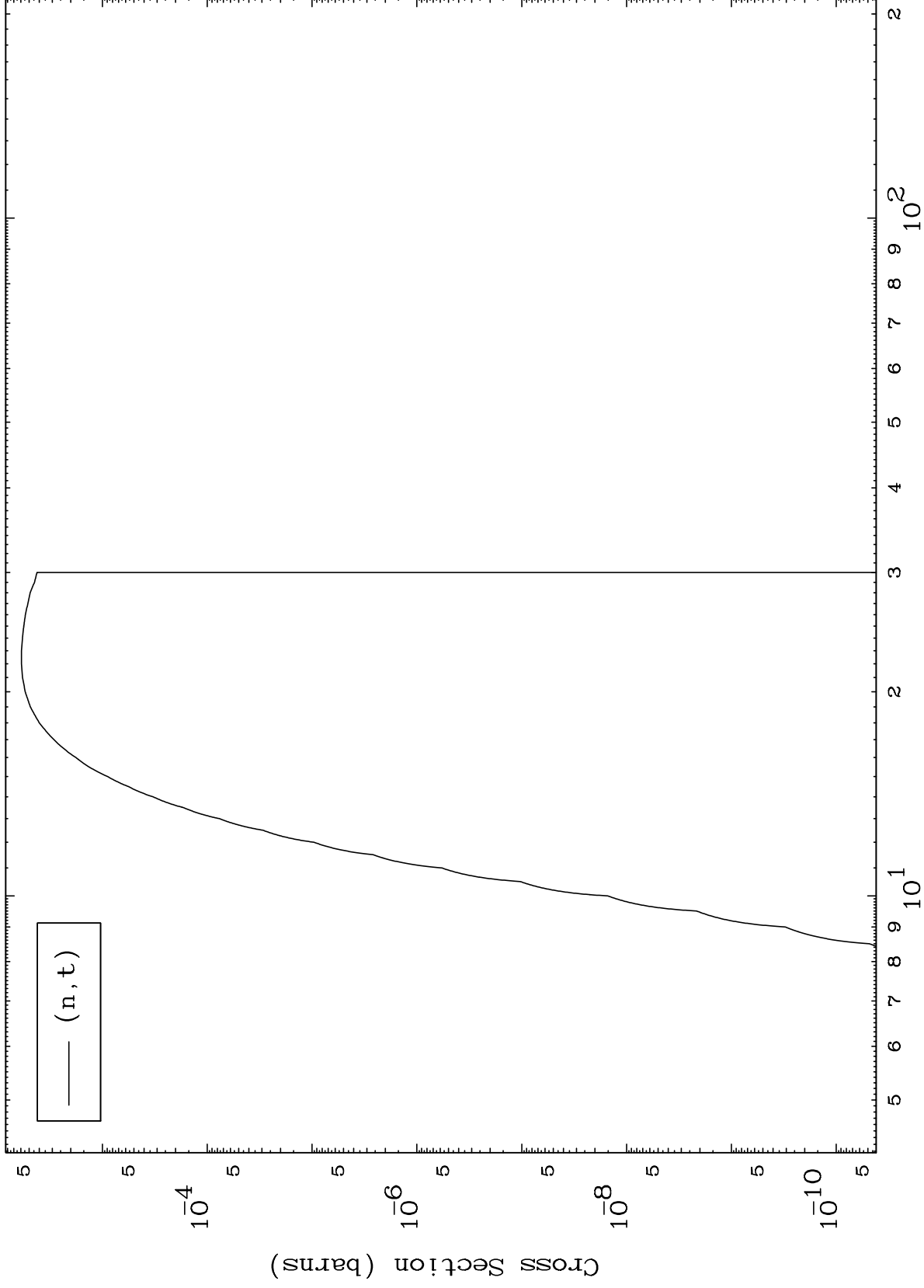
Incident Energy (MeV)

10

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(n,t) Levels
293 Kelvin Cross Sections

55-Cs-115



11

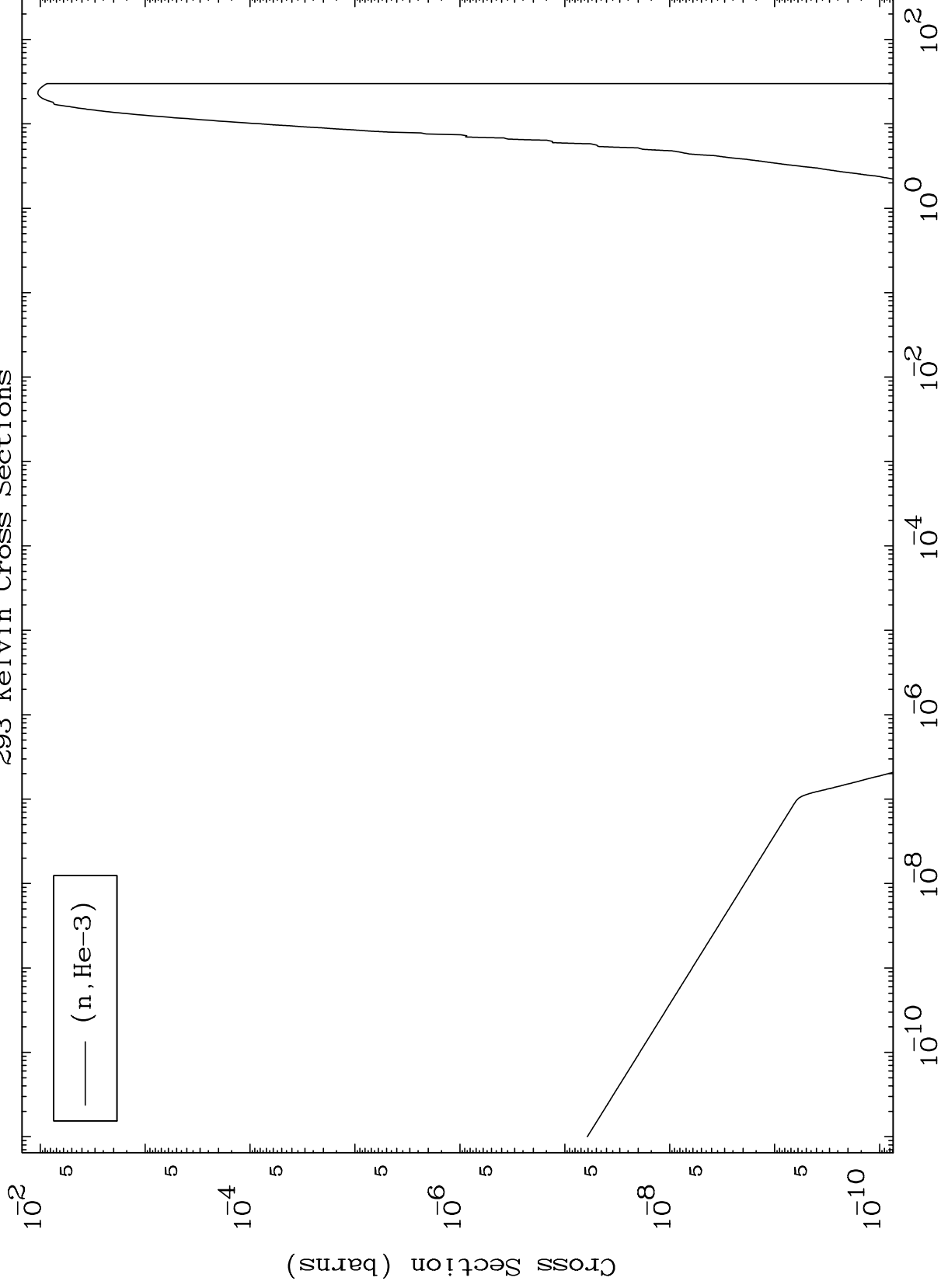
Incident Energy (MeV)

55-Cs-115

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(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-115



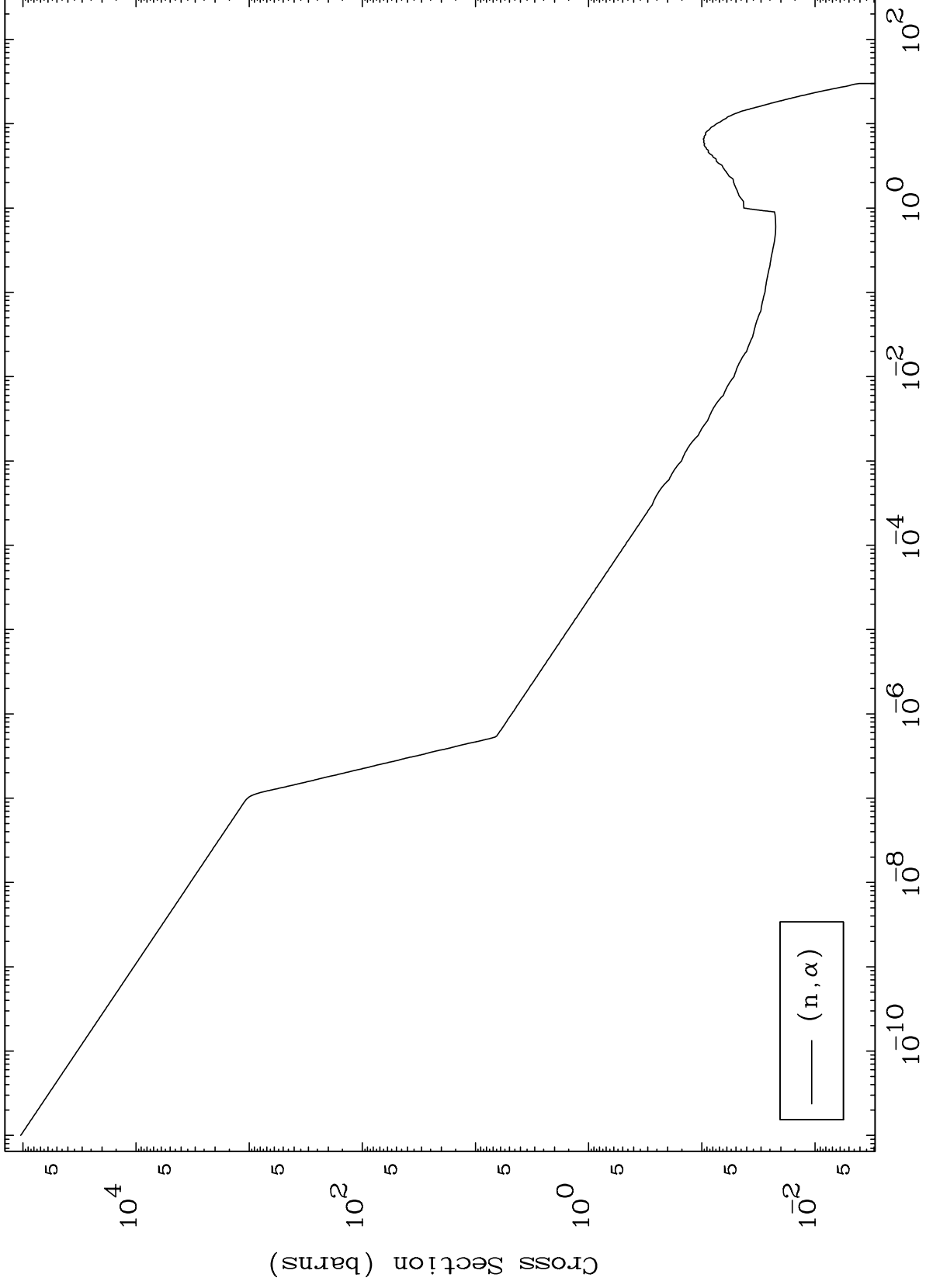
12

55-Cs-115

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(n, α) Levels
293 Kelvin Cross Sections

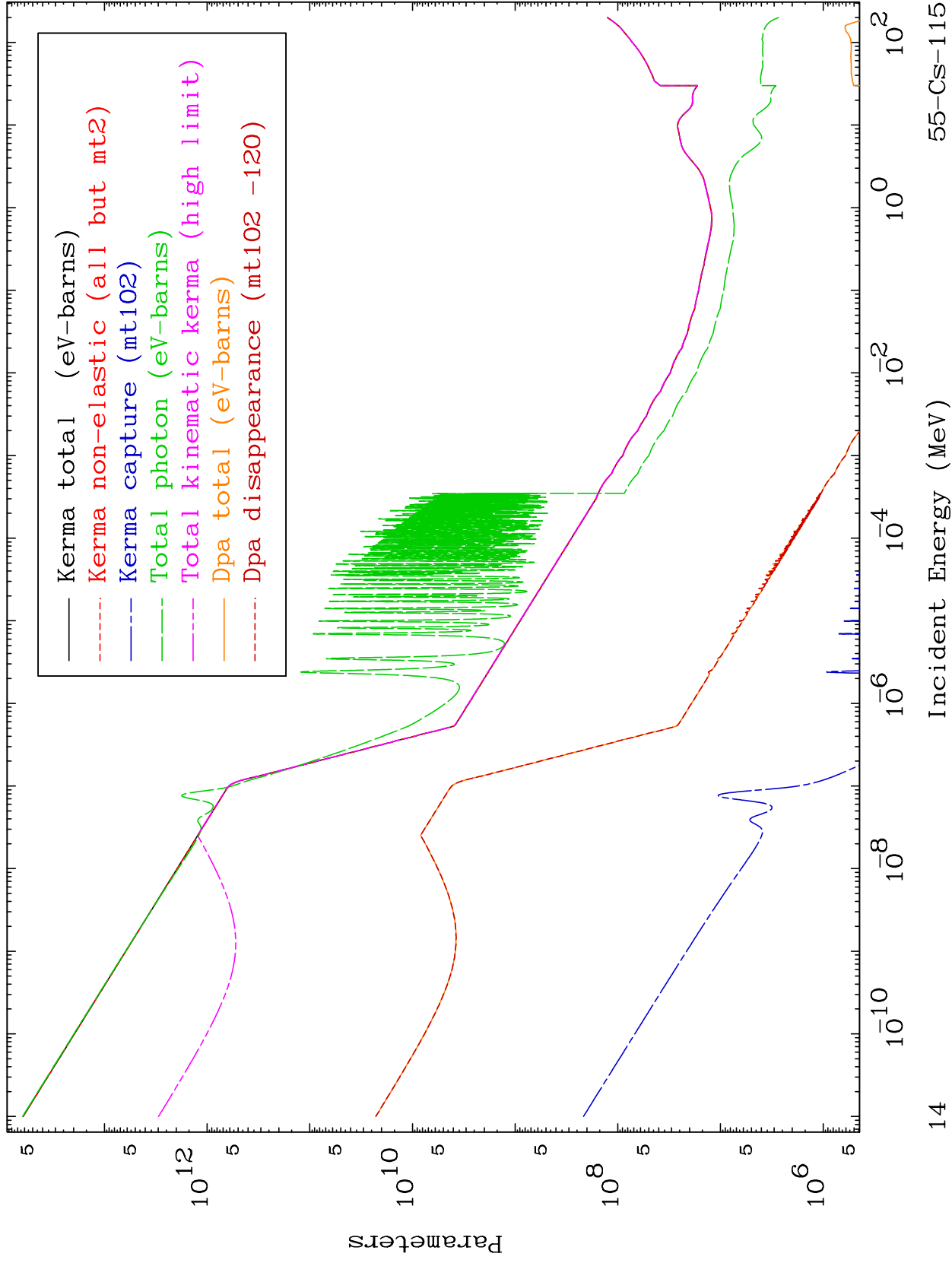
55-Cs-115



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Incident Energy (MeV)

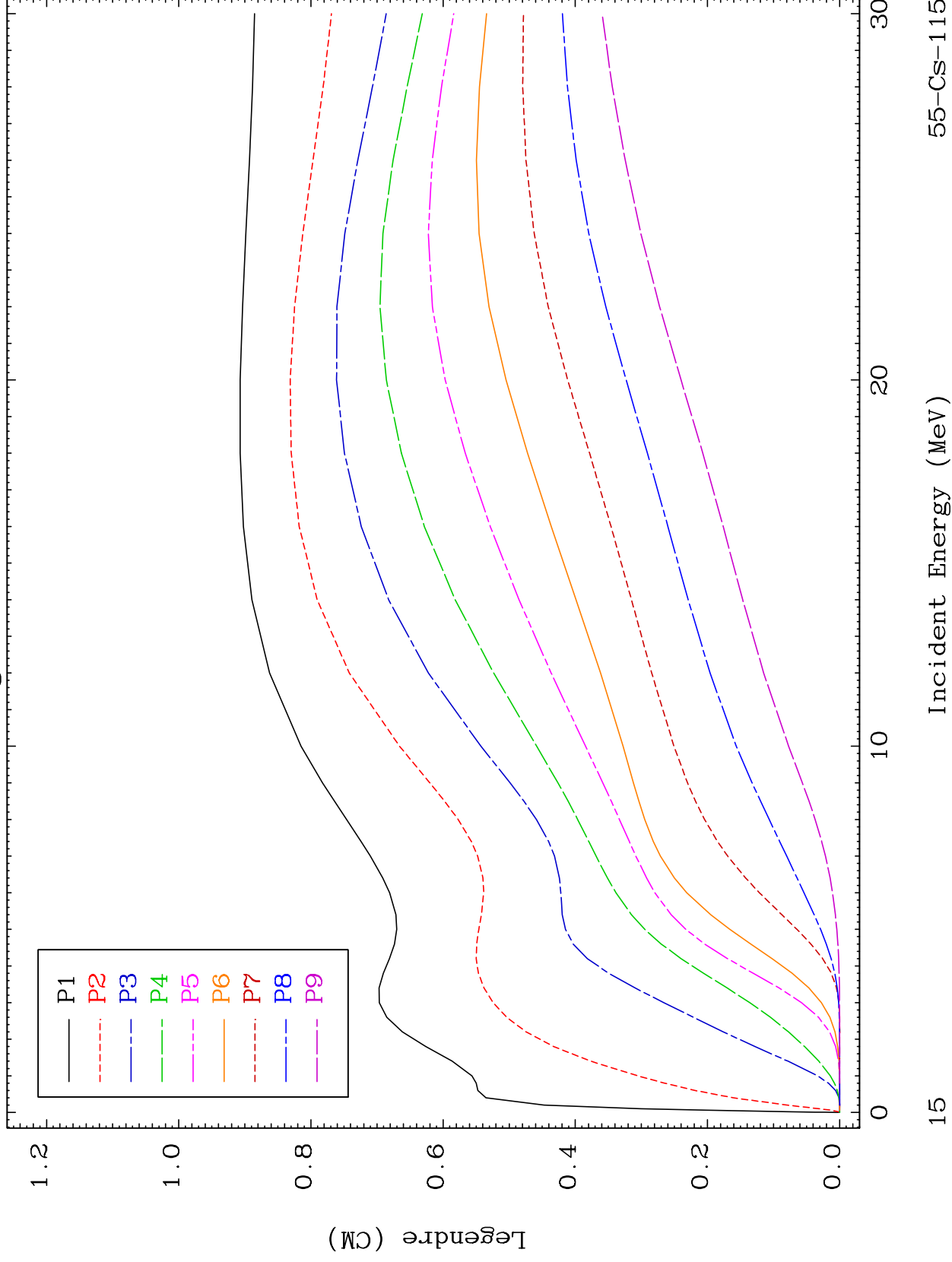
55-Cs-115



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Elastic Legendre Coefficients

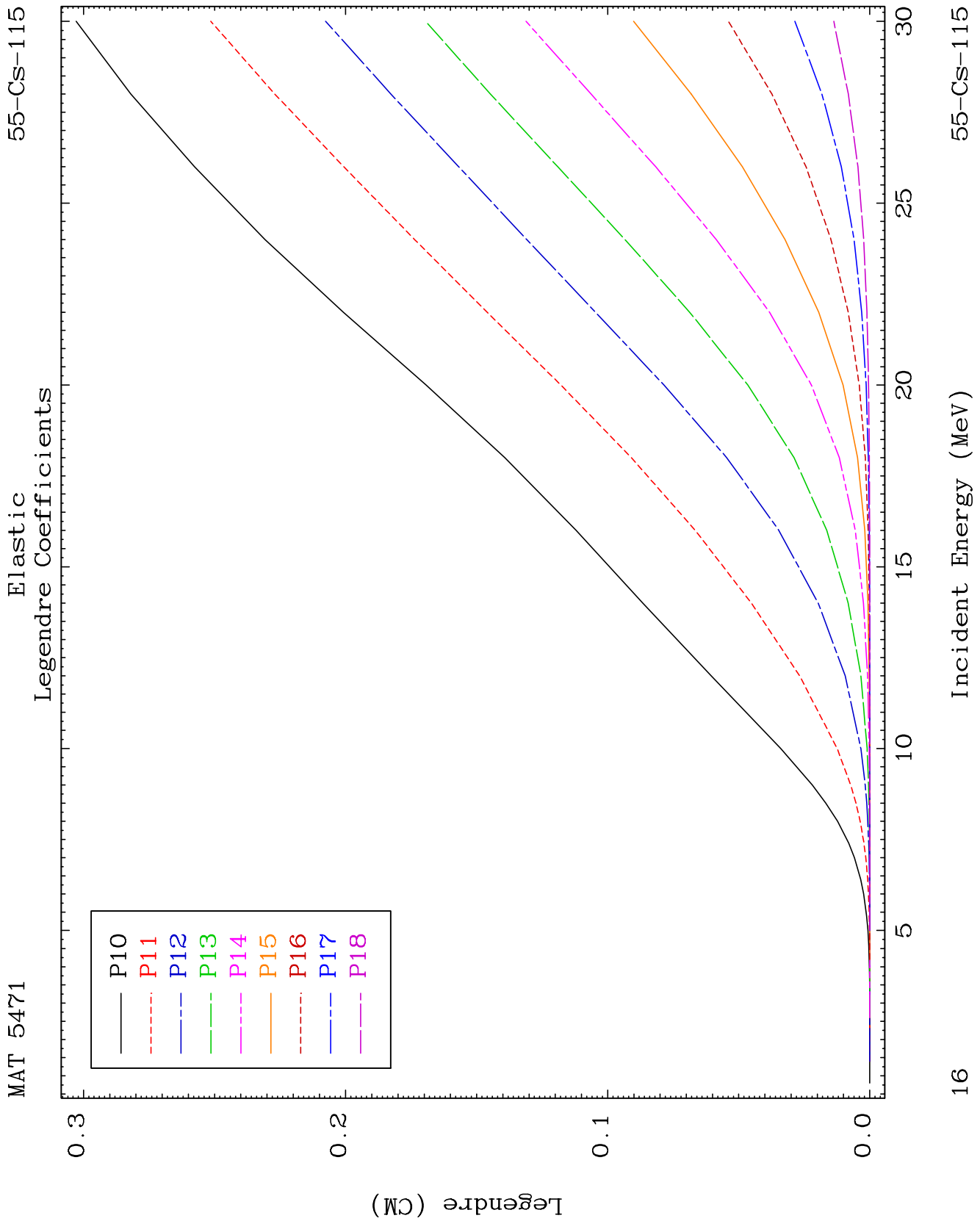
55-Cs-115



55-Cs-115

Incident Energy (MeV)

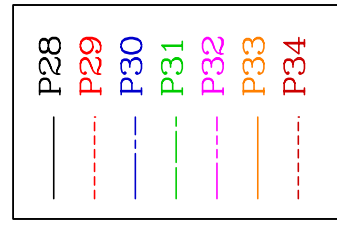
15



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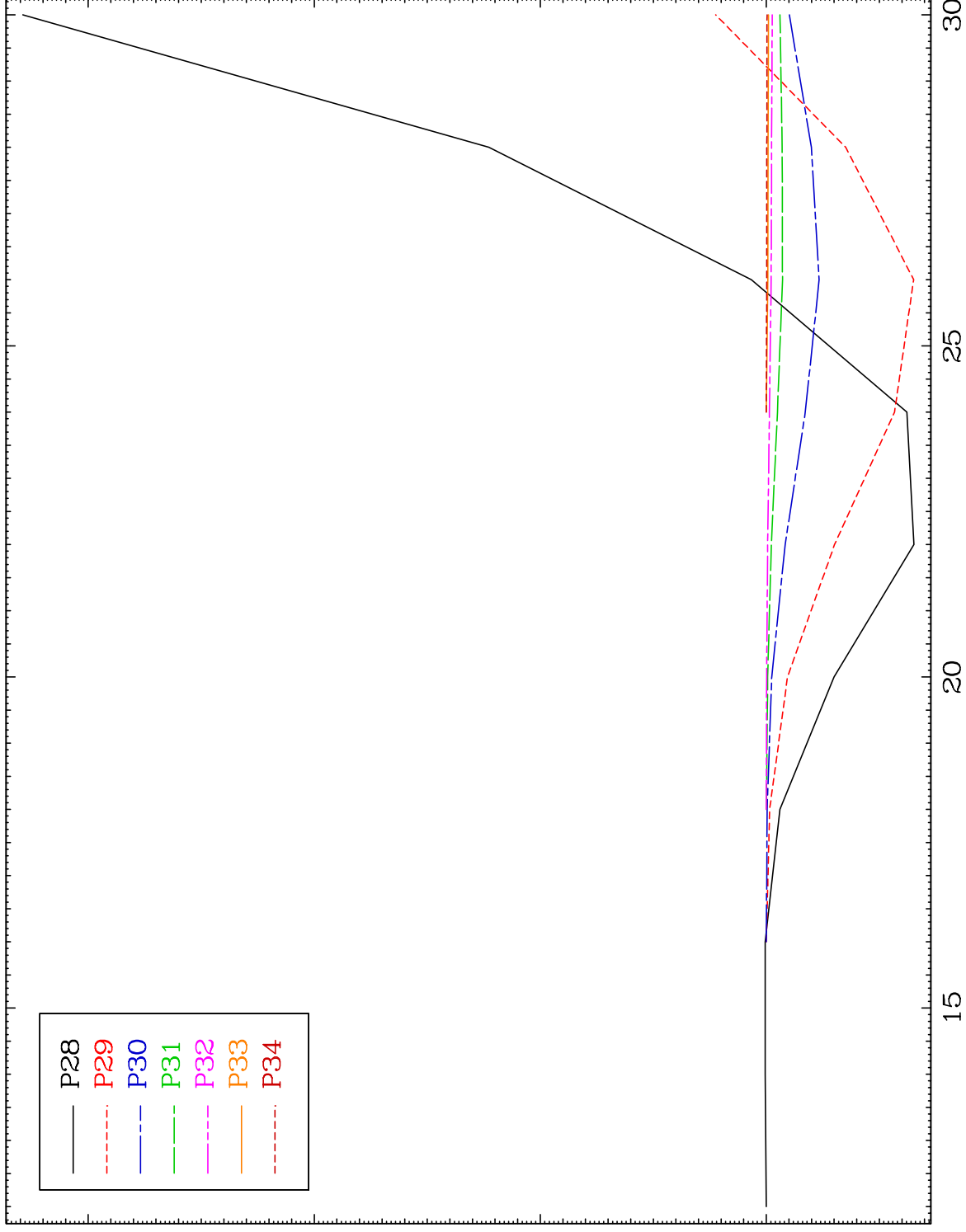
Elastic
Legendre Coefficients

55-Cs-115



$\times 10^{-7}$

Legendre (CM)



18

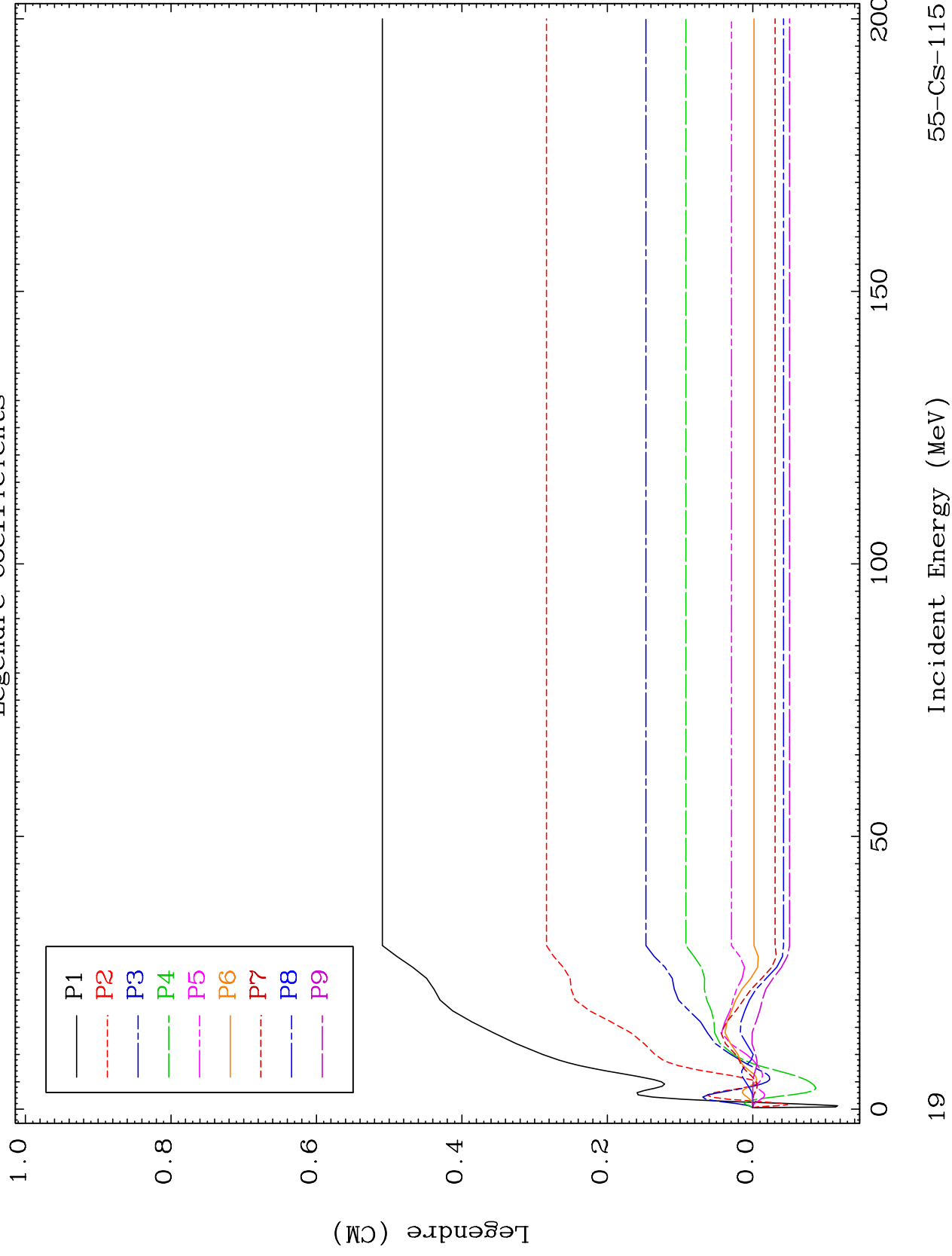
Incident Energy (MeV)

55-Cs-115

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226.1 keV (n,n') Level
Legendre Coefficients

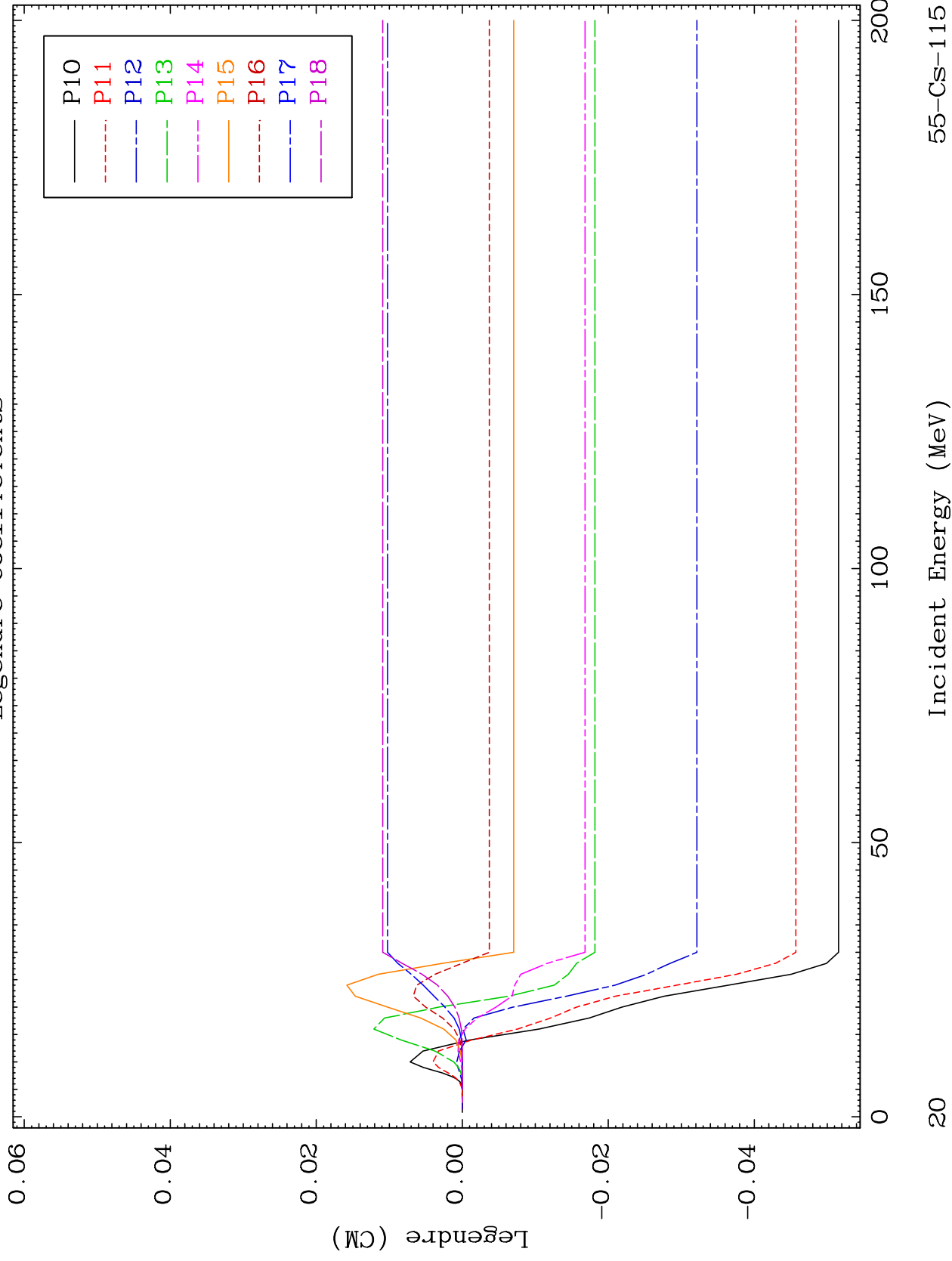
55-Cs-115



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226.1 keV (n,n') Level
Legendre Coefficients

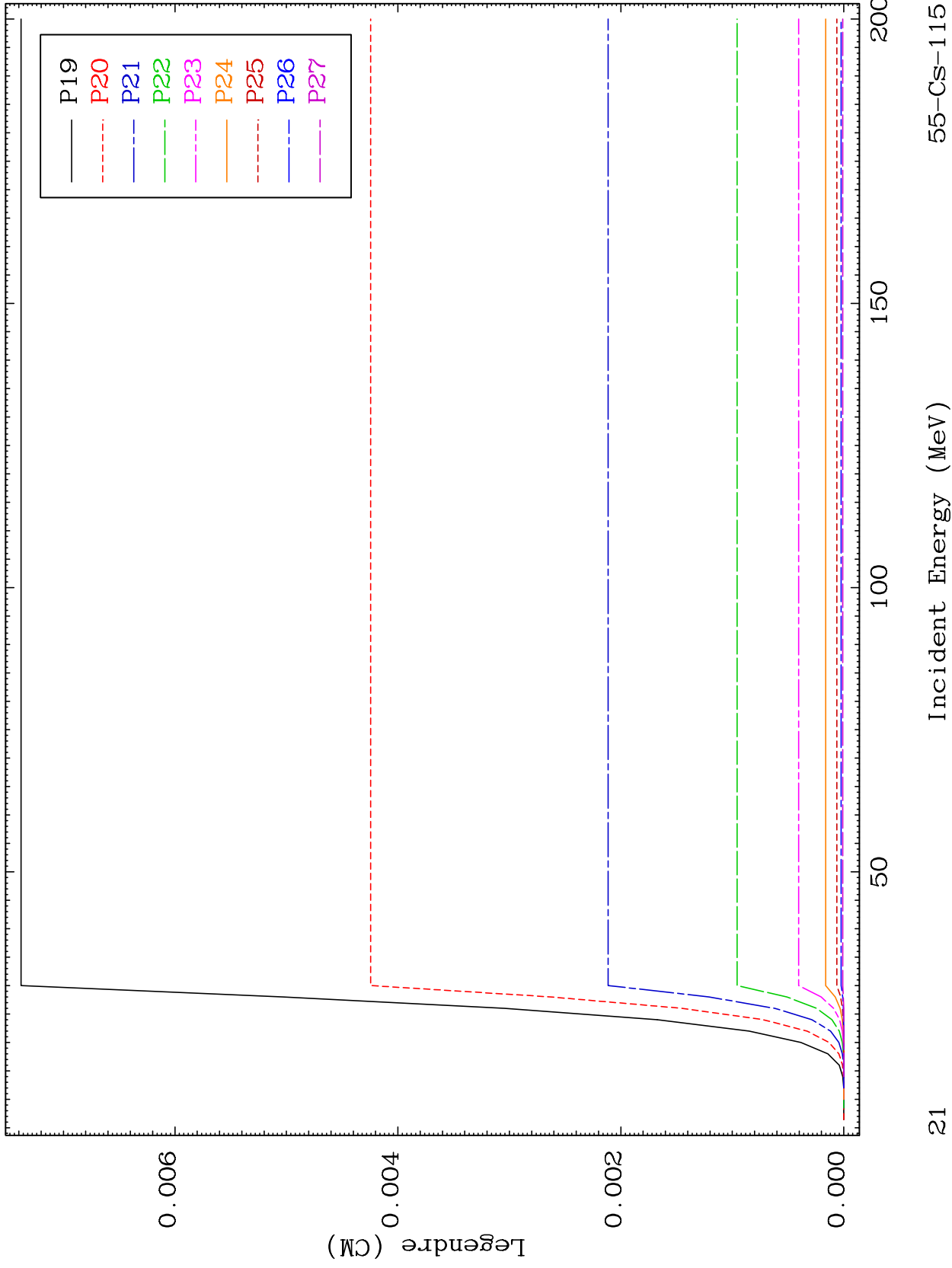
55-Cs-115



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226.1 keV (n,n') Level
Legendre Coefficients

55-Cs-115



21

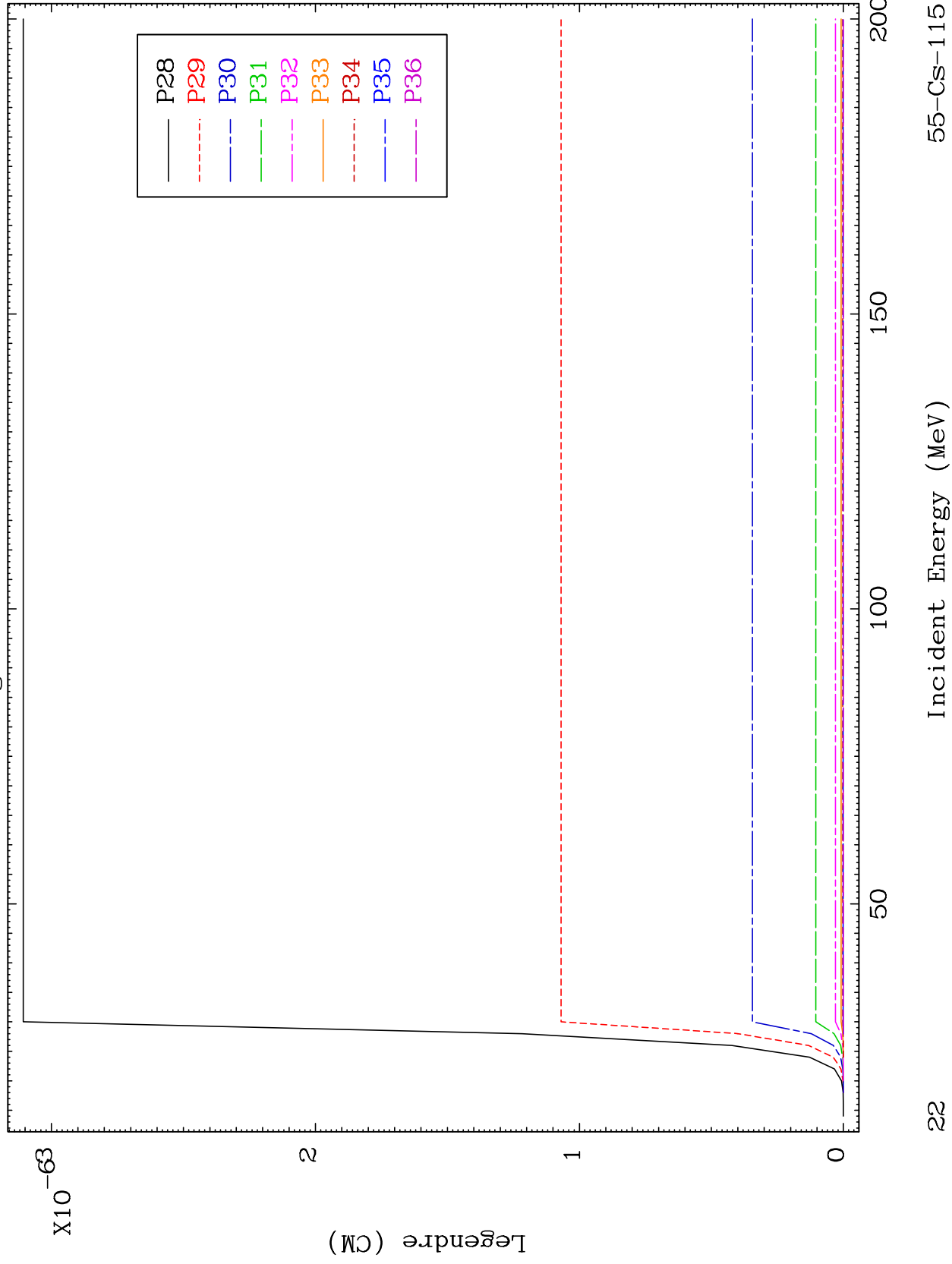
Incident Energy (MeV)

55-Cs-115

MAT 5471

226.1 keV (n,n') Level
Legendre Coefficients

55-Cs-115



22

Incident Energy (MeV)

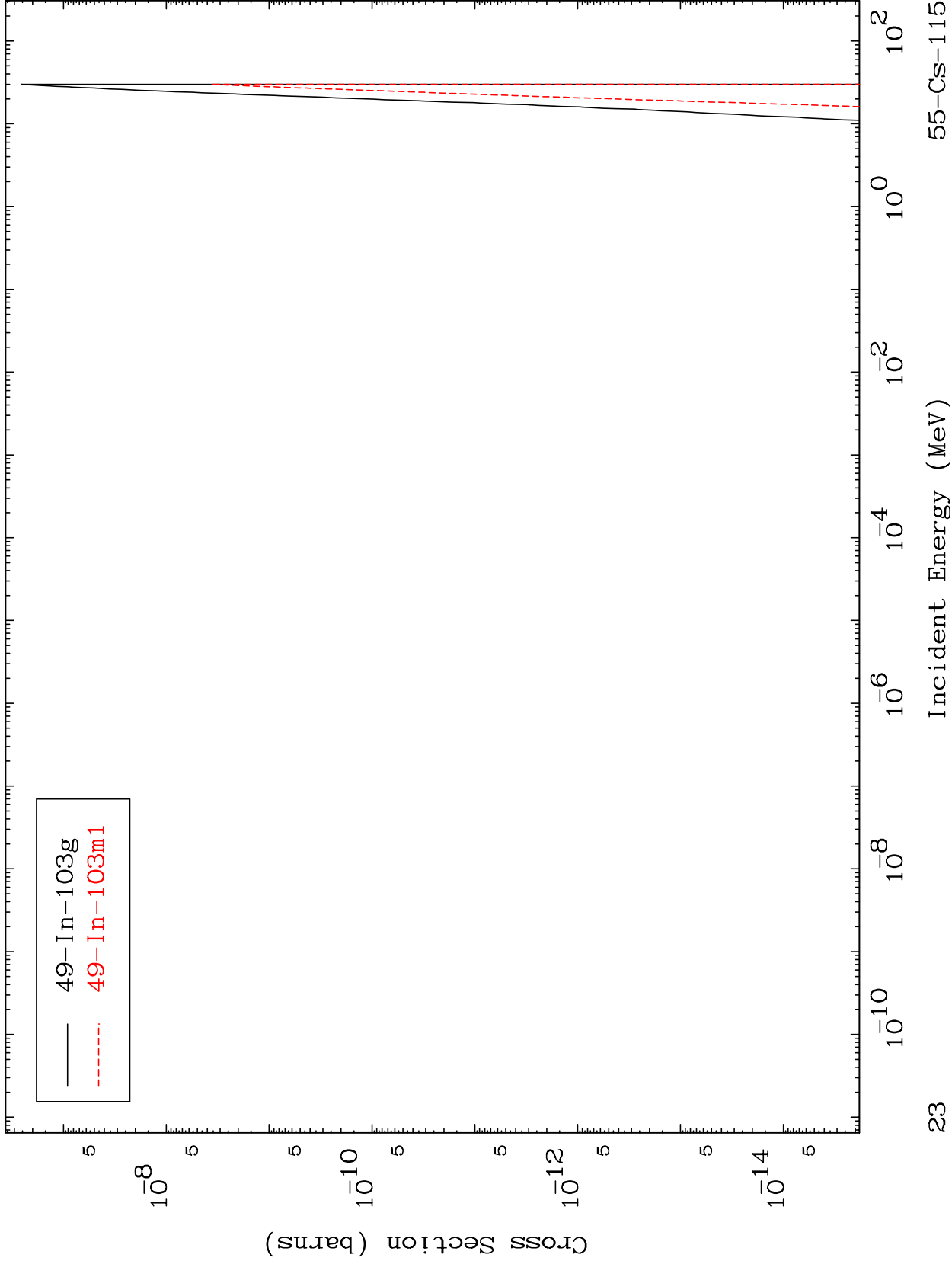
55-Cs-115

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(n,n') 3 α

55-Cs-115

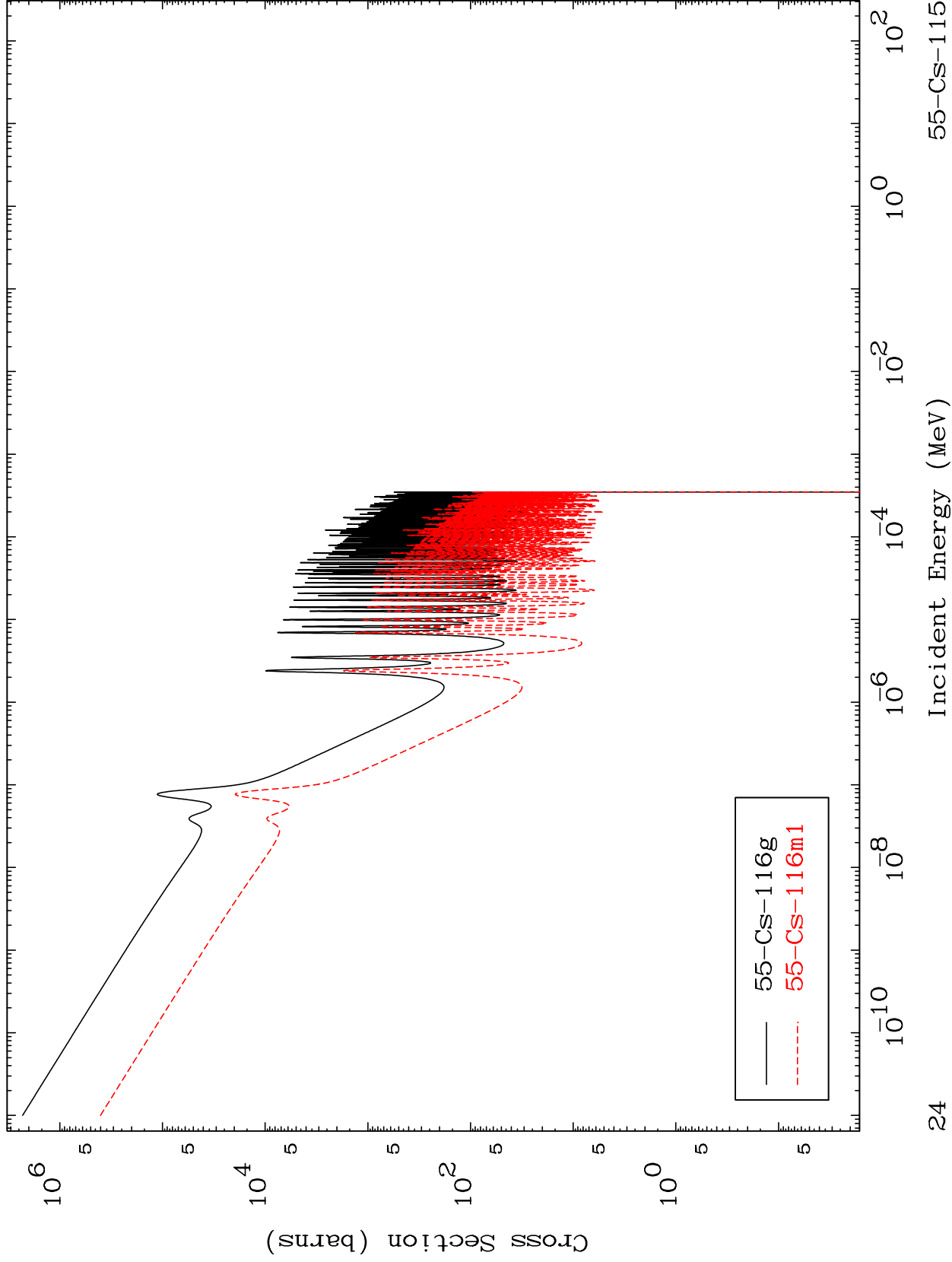
Radionuclide Production Cross Section



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55-Cs-115

(n, γ)
Radionuclide Production Cross Section

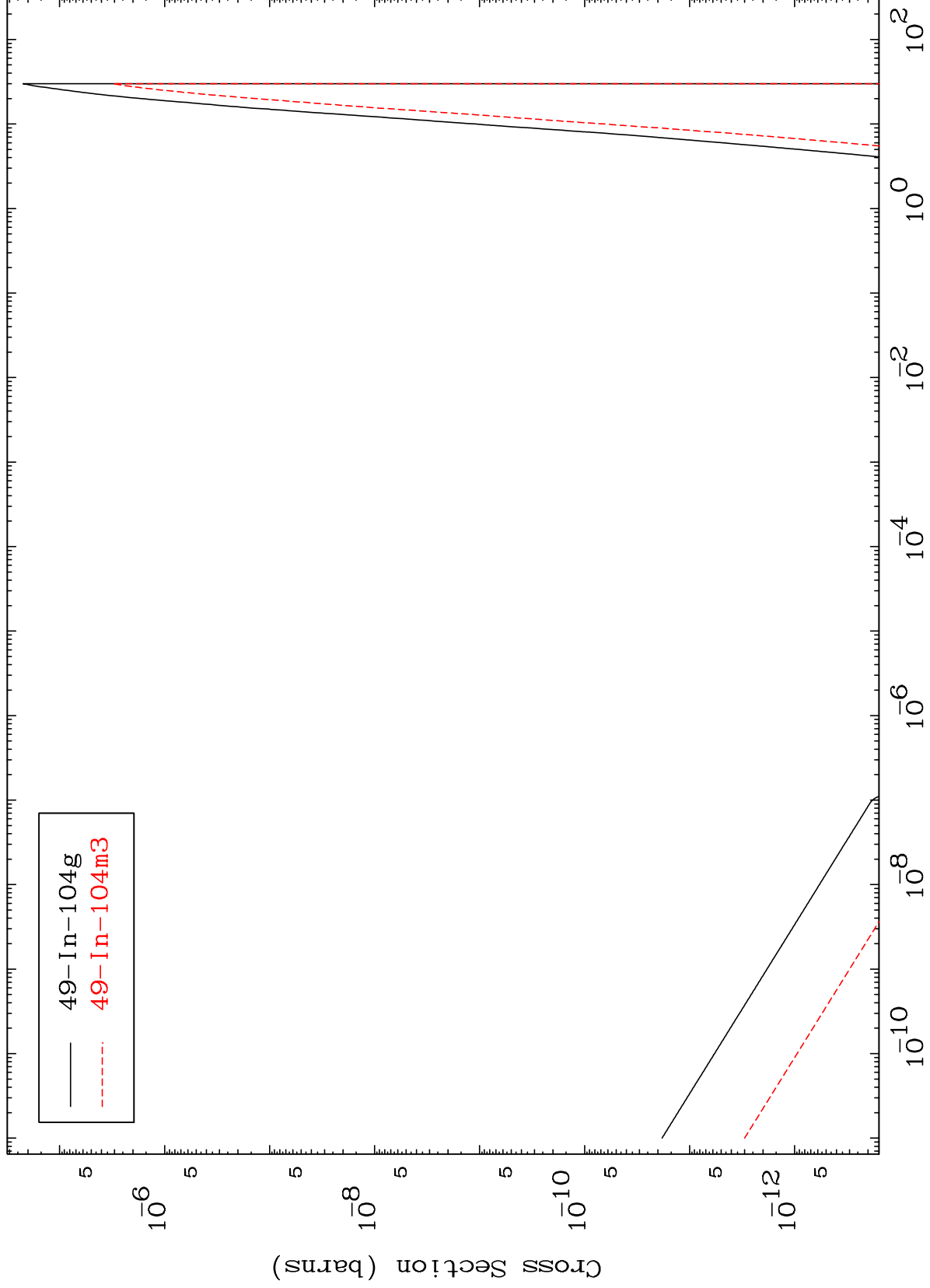


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(n,3α)

55-Cs-115

Radionuclide Production Cross Section



49-In-104g
49-In-104m3

Incident Energy (MeV)

55-Cs-115

25

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55-Cs-115

(n,2p)
Radionuclide Production Cross Section

