

Program EVALPLOT  
(Version 2017-1)

by

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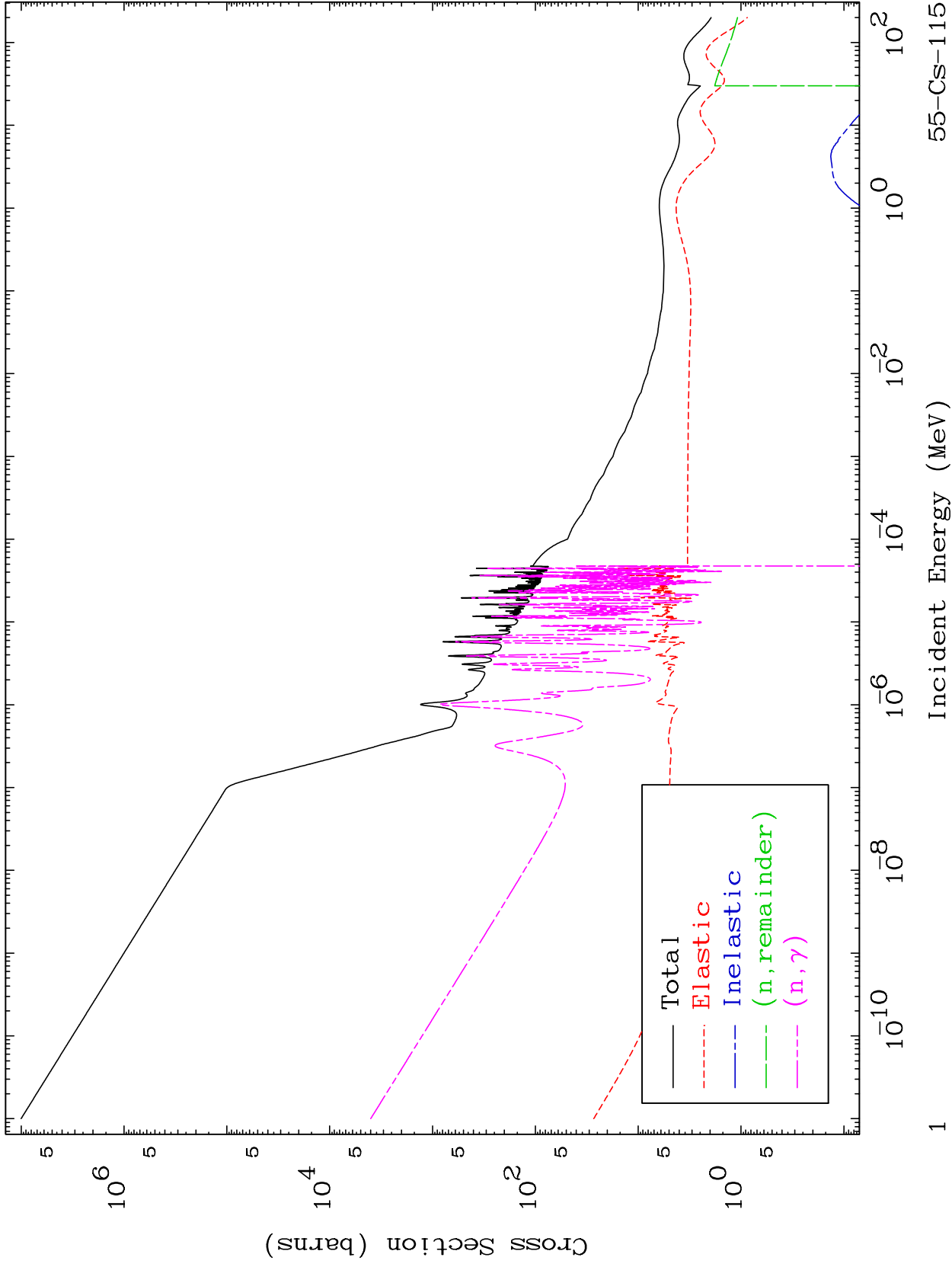
Press Mouse Button to Start

MAT 5471

Major

293 Kelvin Cross Sections

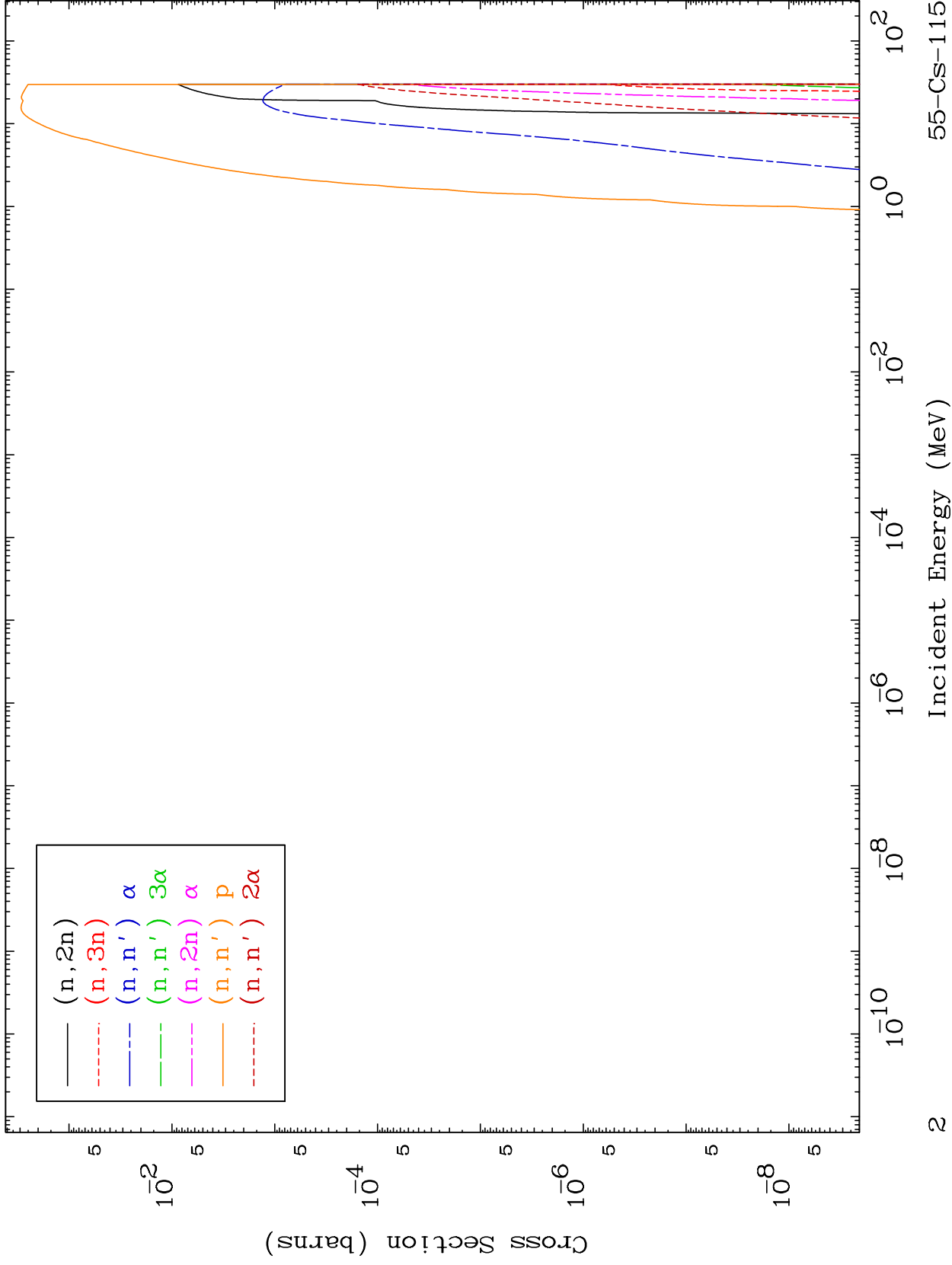
55-Cs-115



MAT 5471

Neutron Production  
293 Kelvin Cross Sections

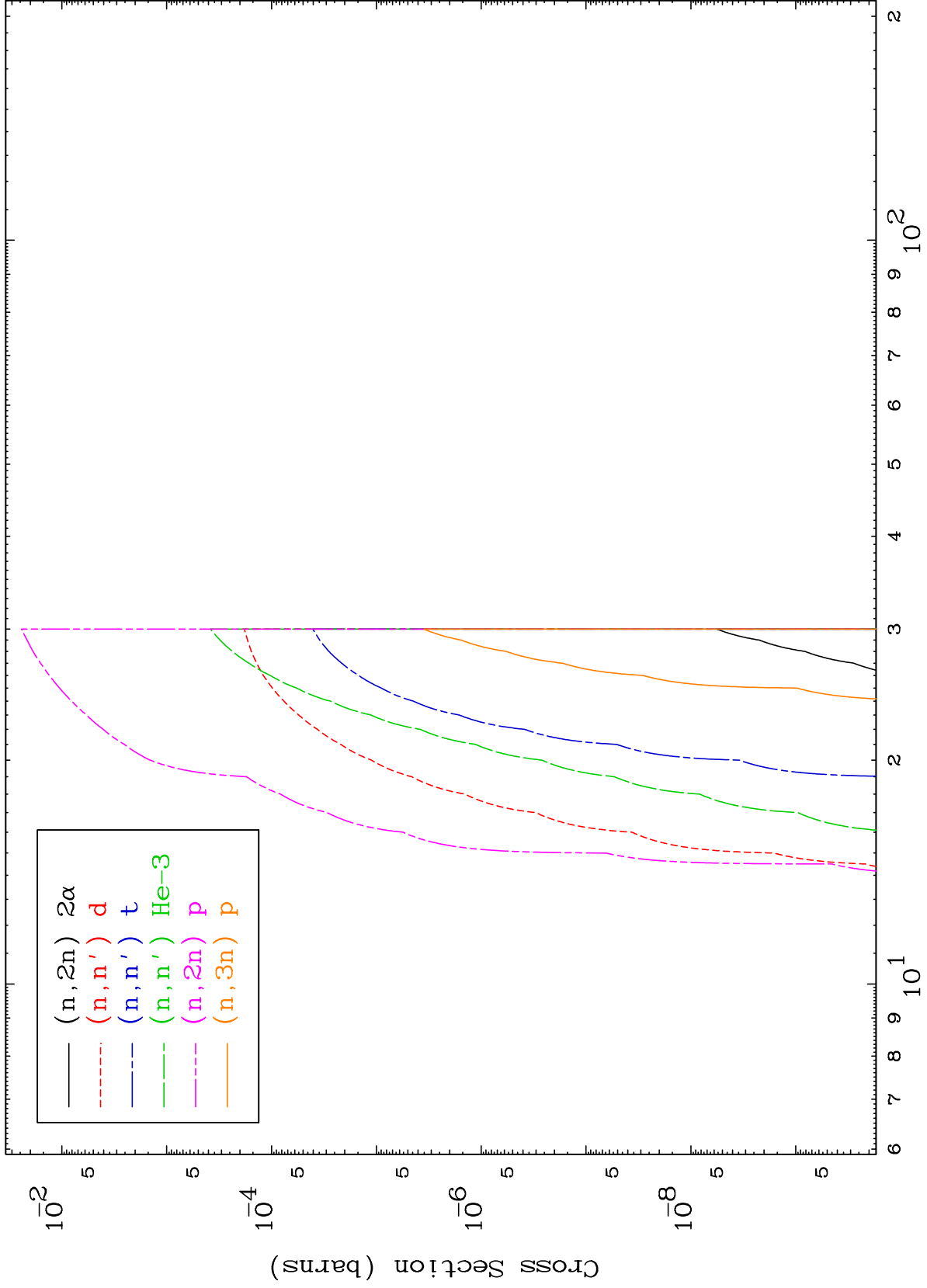
55-Cs-115



MAT 5471

Neutron Production  
293 Kelvin Cross Sections

55-Cs-115



3

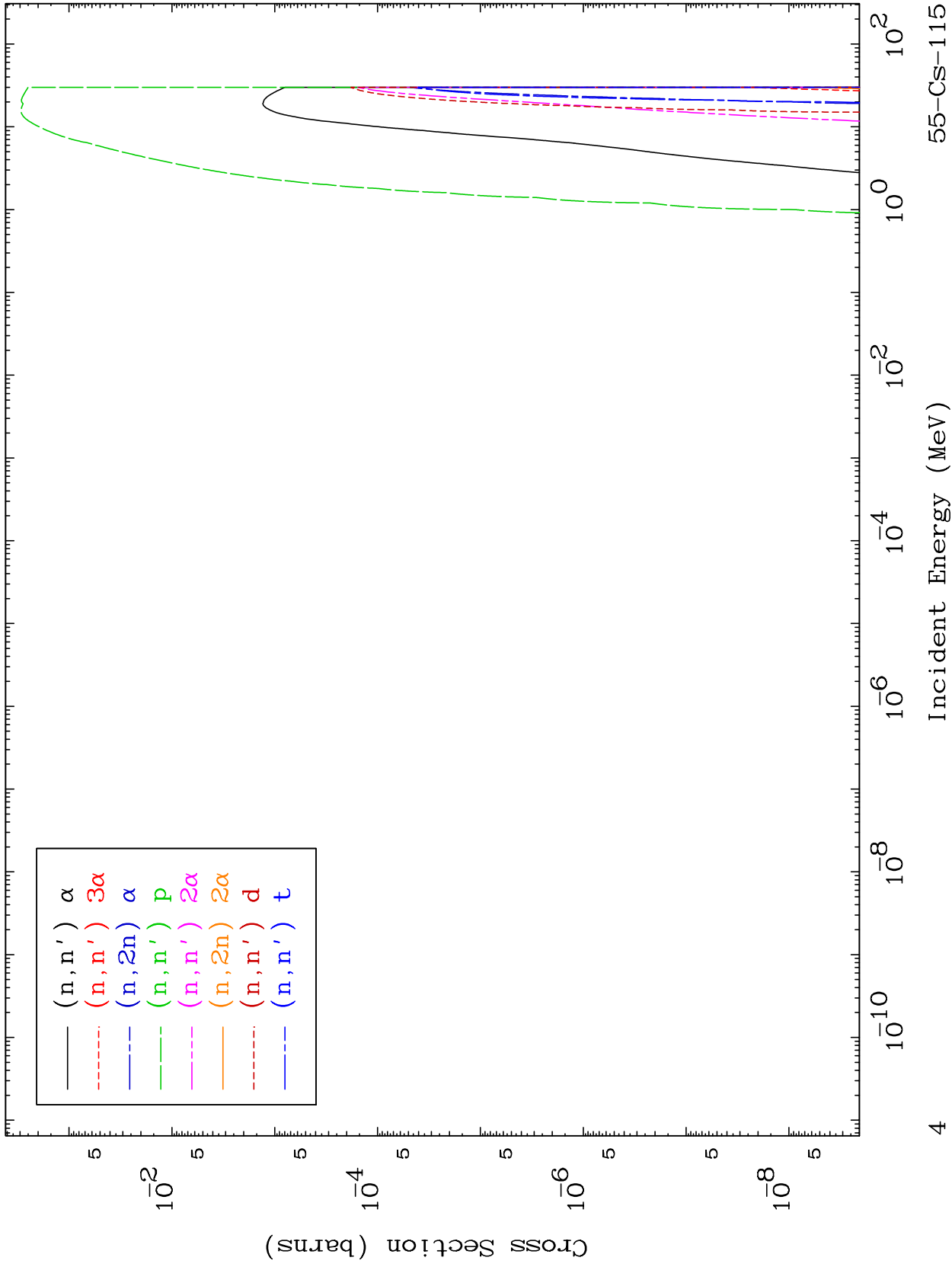
Incident Energy (MeV)

55-Cs-115

MAT 5471

Charged Particle  
293 Kelvin Cross Sections

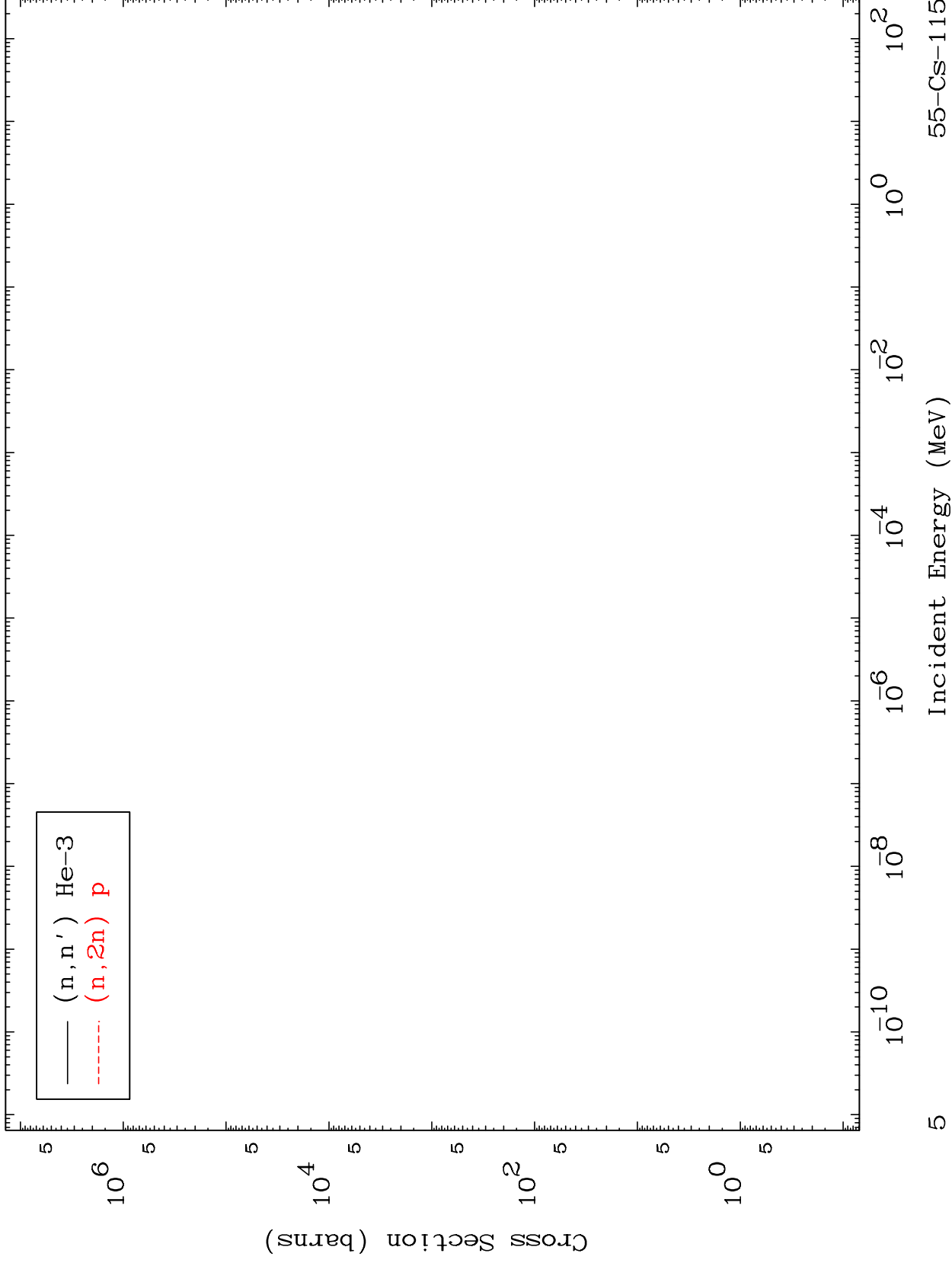
55-Cs-115



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Charged Particle  
293 Kelvin Cross Sections

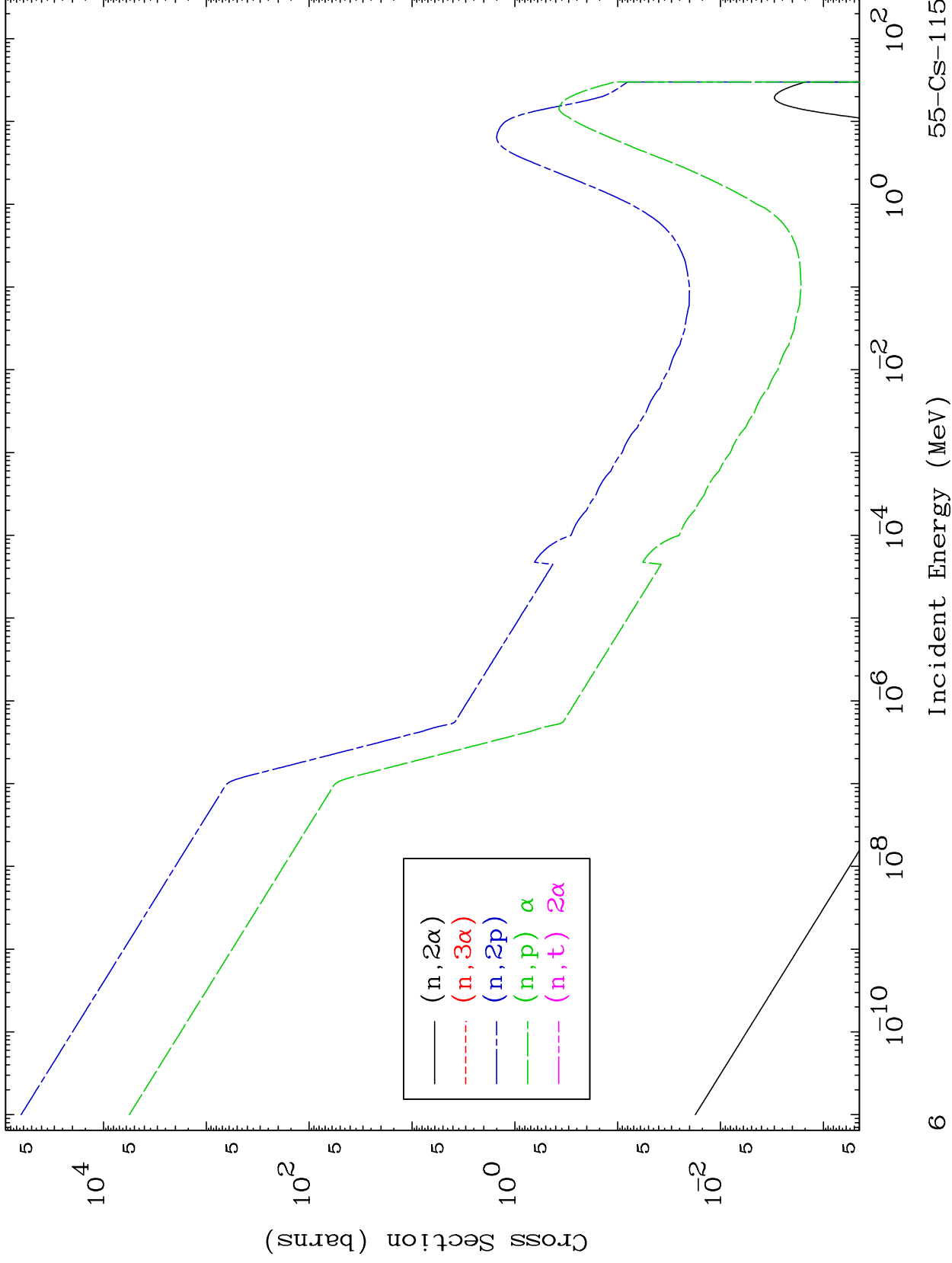
55-Cs-115



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Charged Particle  
293 Kelvin Cross Sections

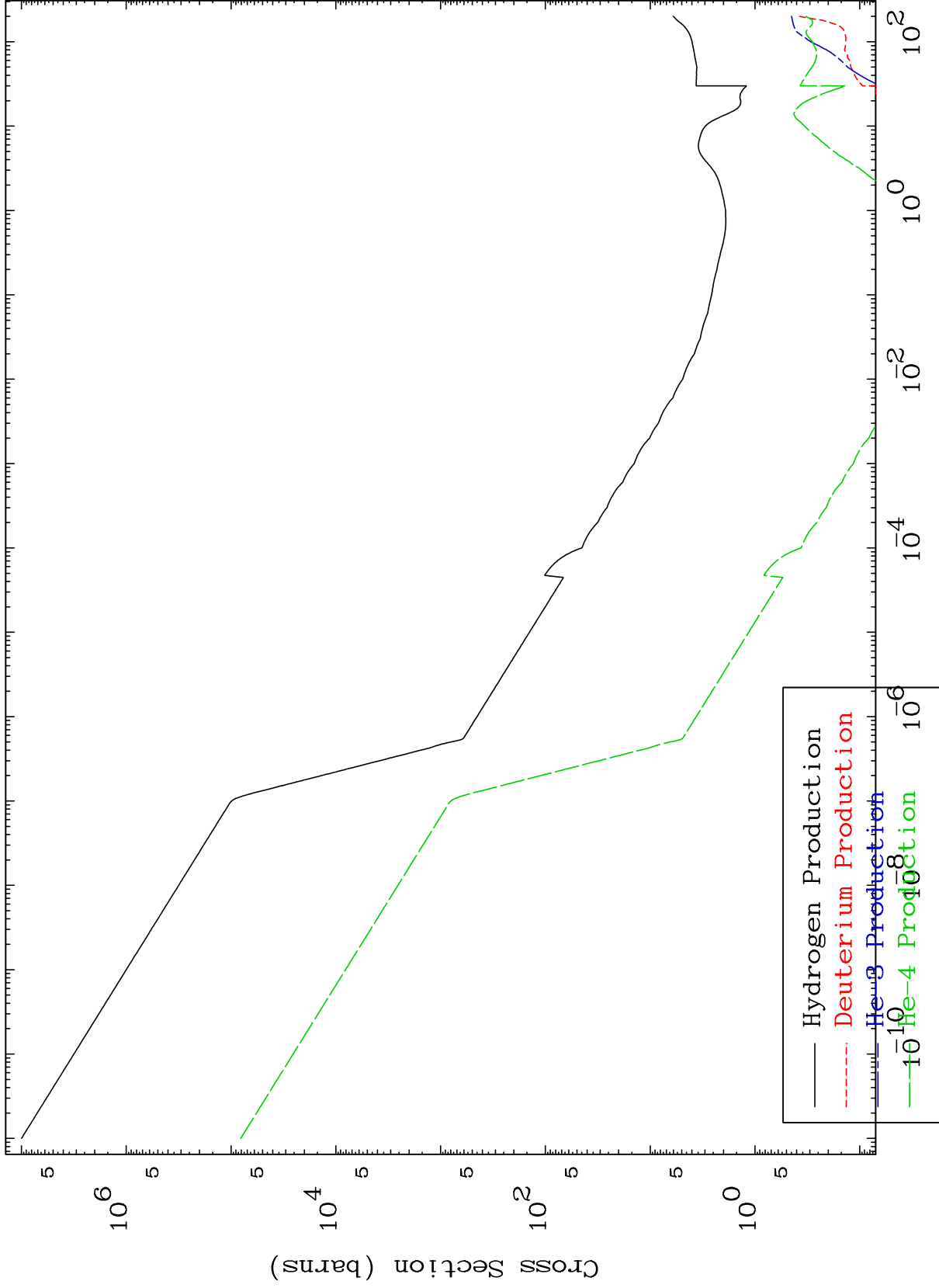
55-Cs-115



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Particle Production  
293 Kelvin Cross Sections

55-Cs-115



55-Cs-115

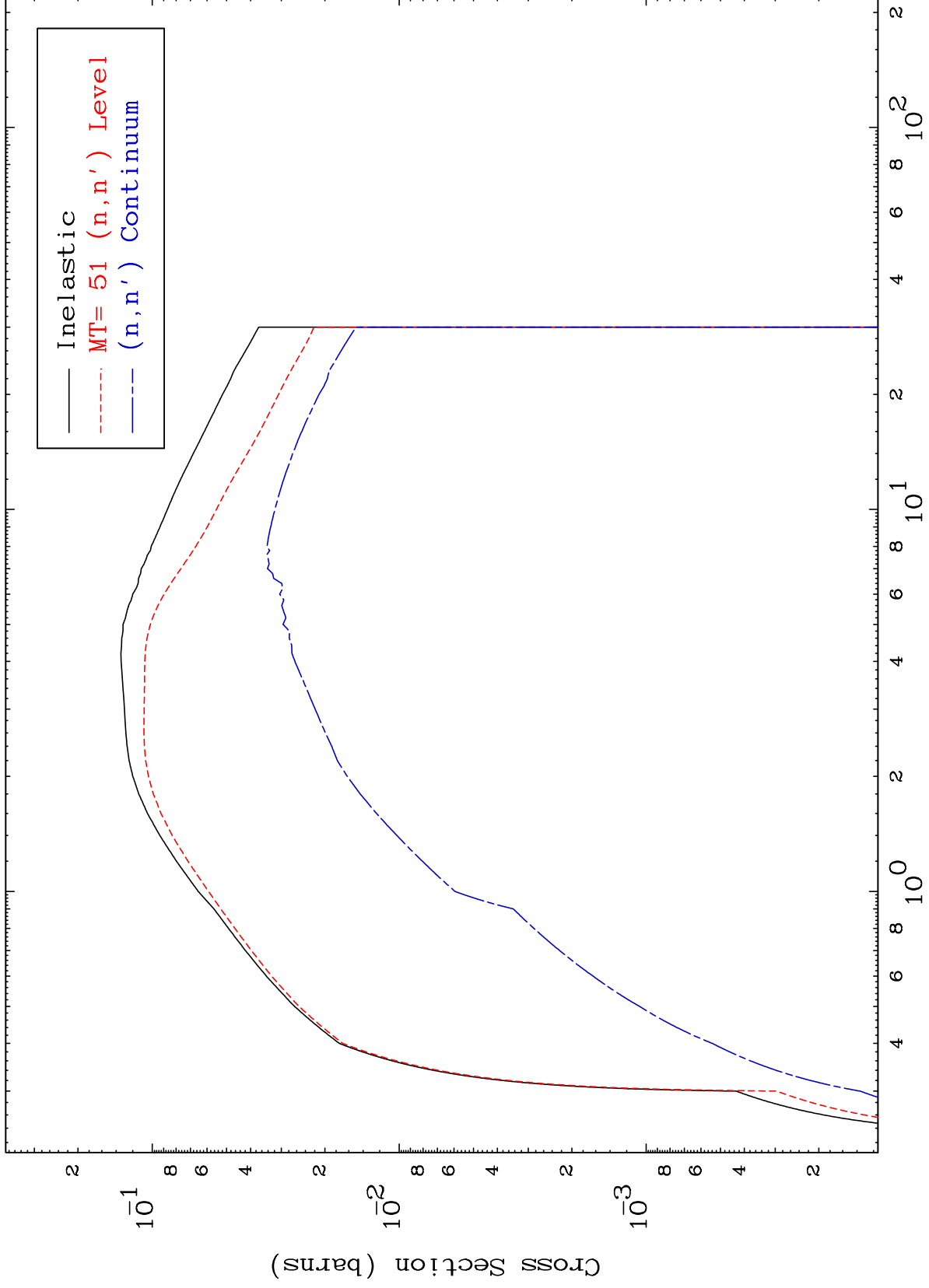
Incident Energy (MeV)

7

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(n,n') Level  
293 Kelvin Cross Sections

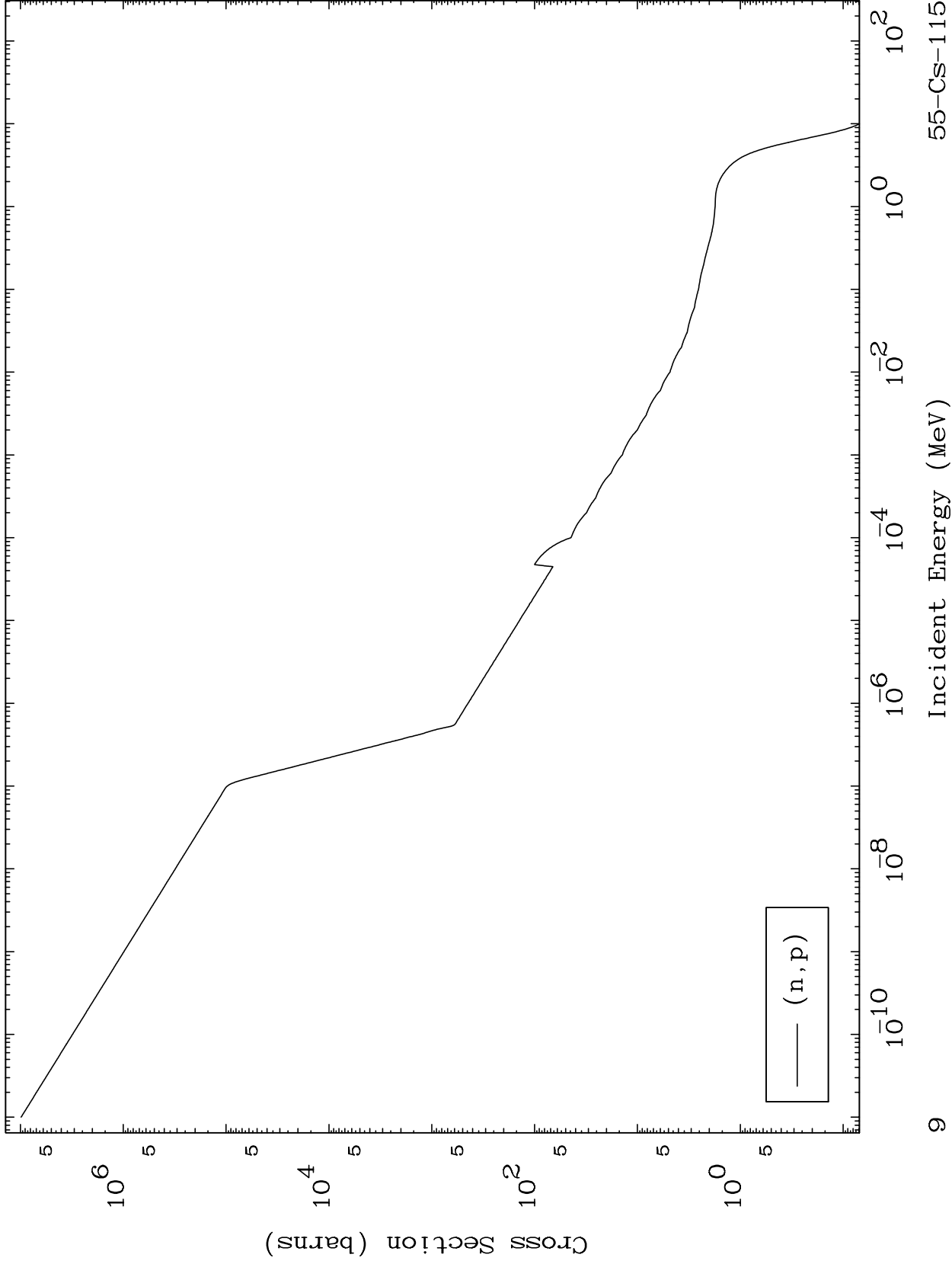
55-Cs-115



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(n,p) Levels  
293 Kelvin Cross Sections

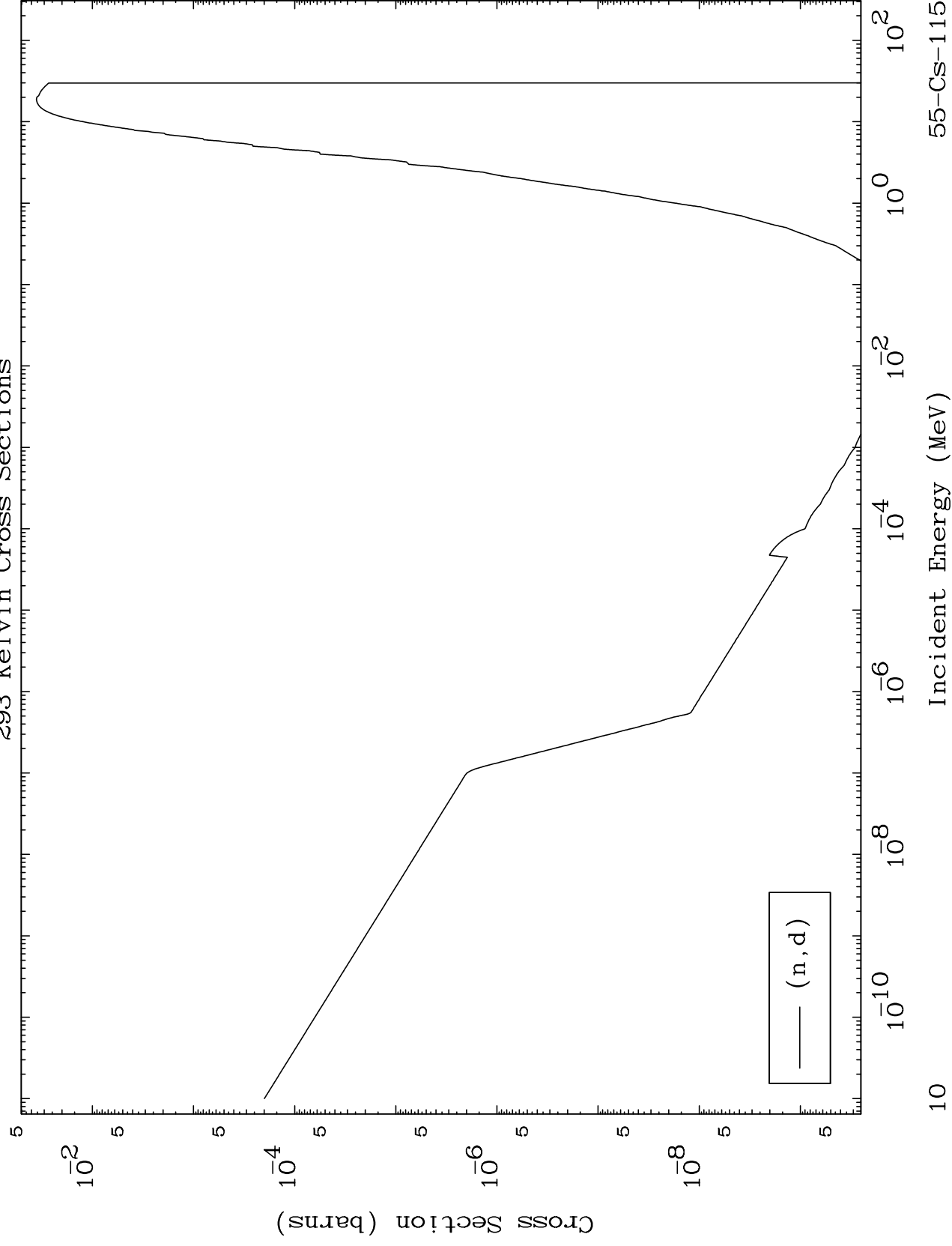
55-Cs-115



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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-115



(n,d)

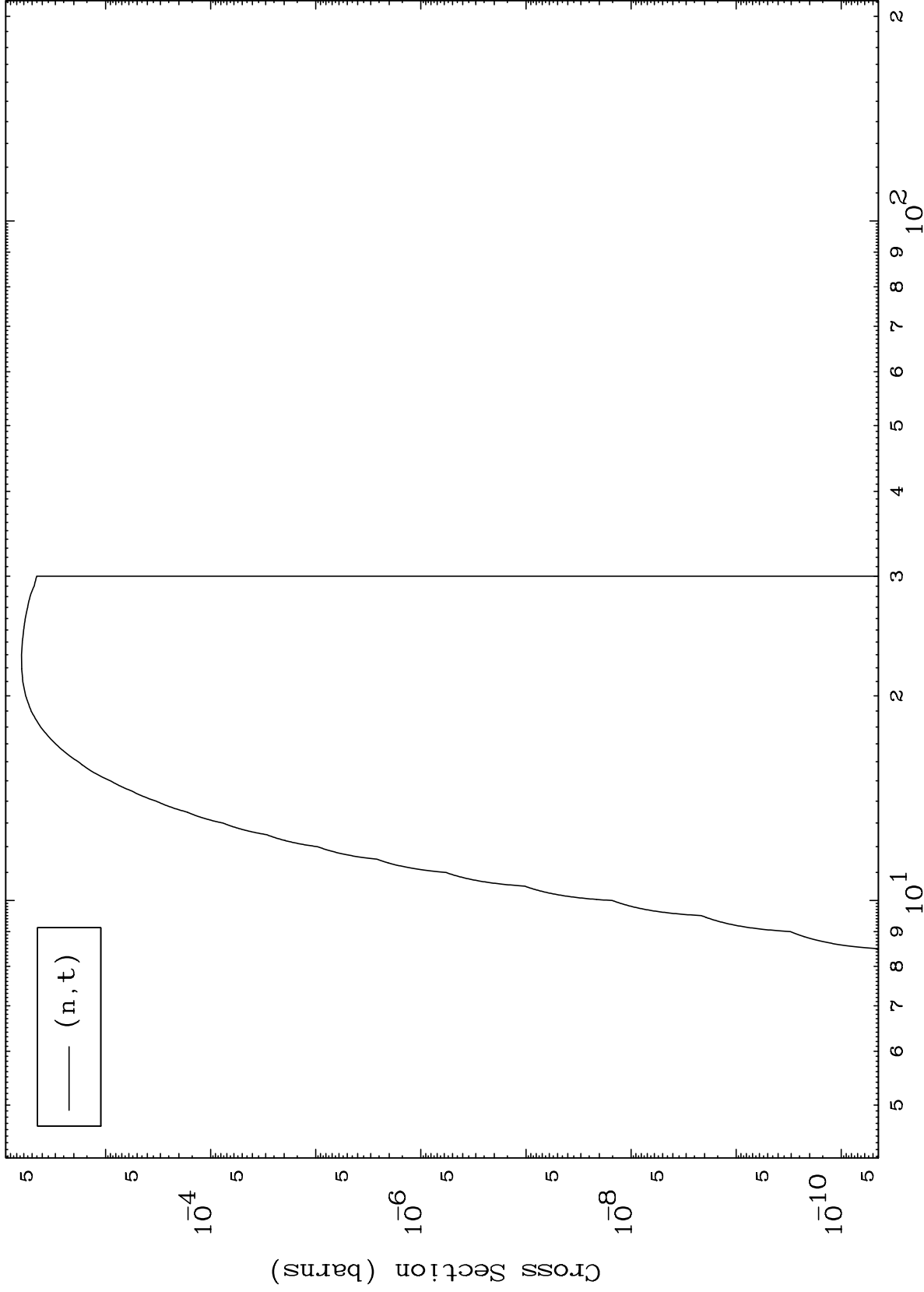
55-Cs-115

Incident Energy (MeV)

MAT 5471

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-115



11

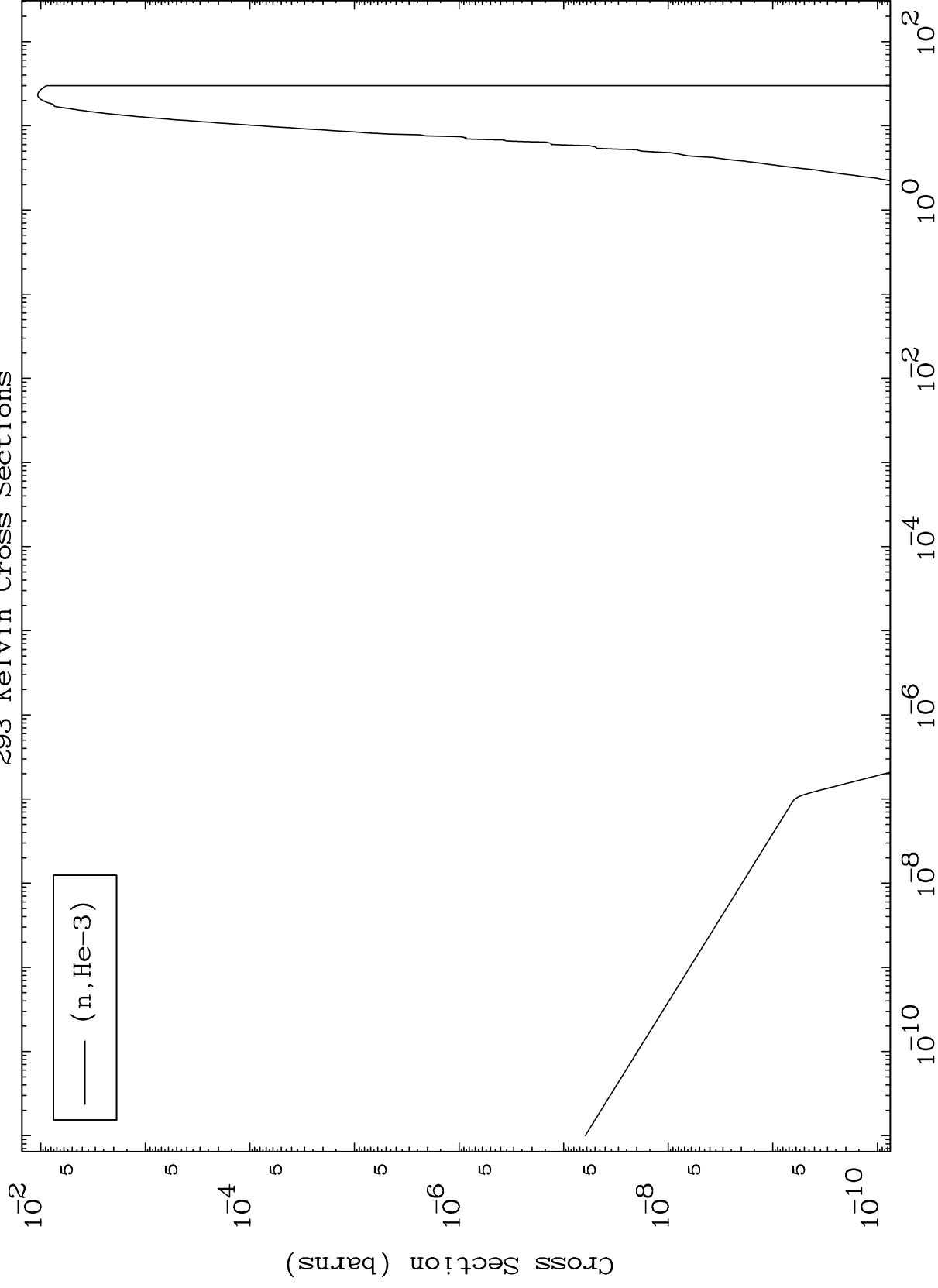
Incident Energy (MeV)

55-Cs-115

MAT 5471

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-115



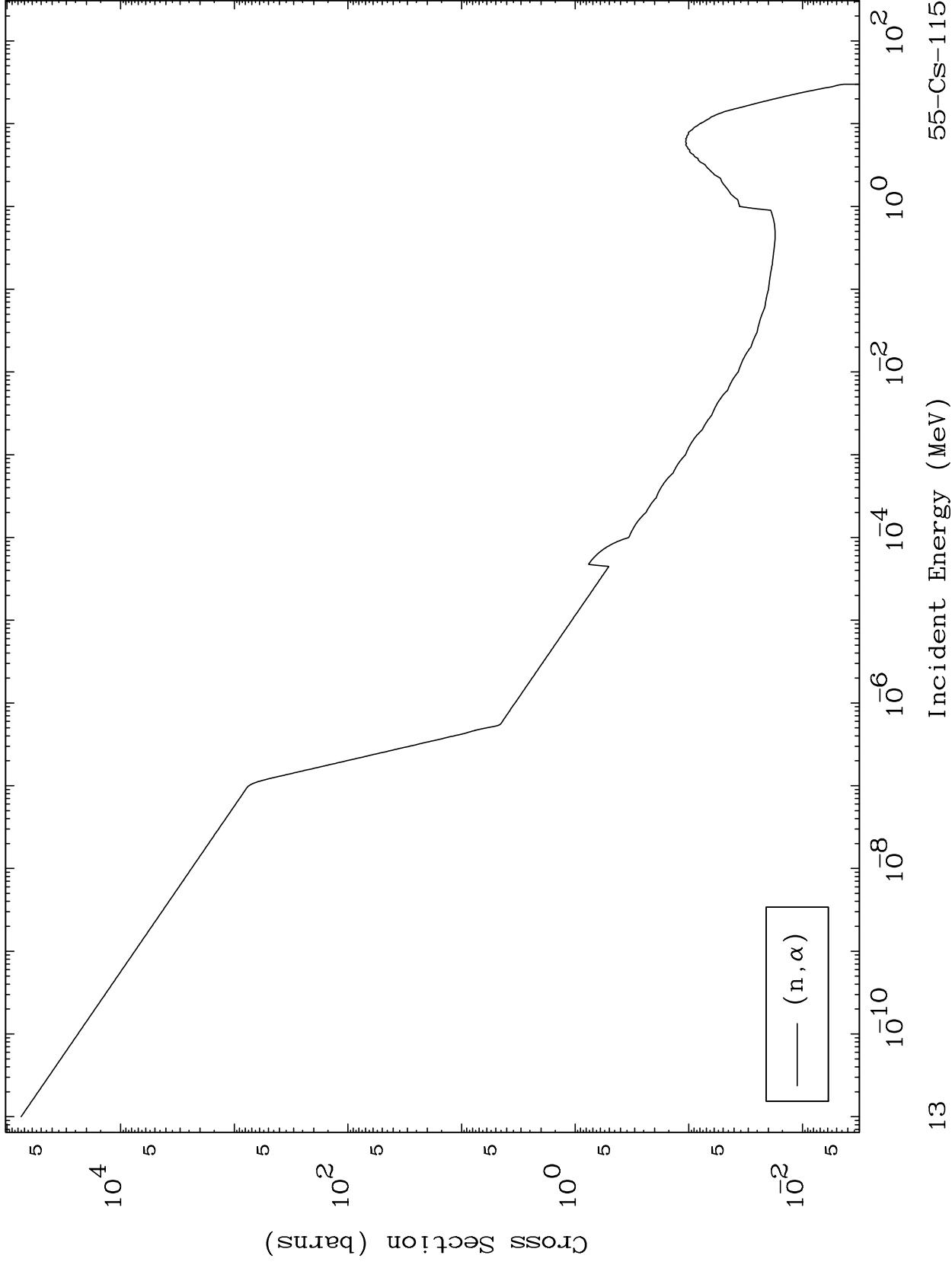
12

55-Cs-115

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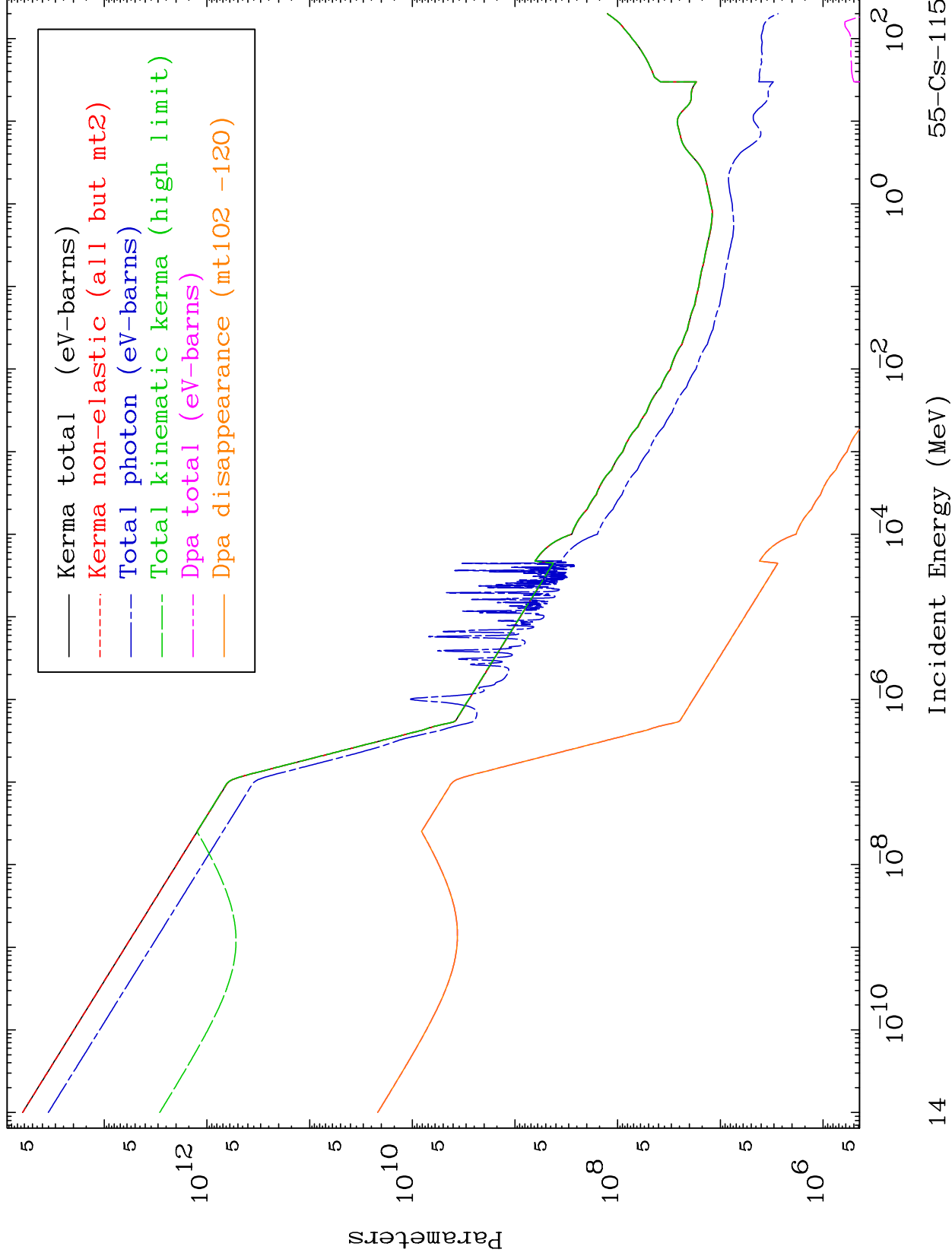
(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-115



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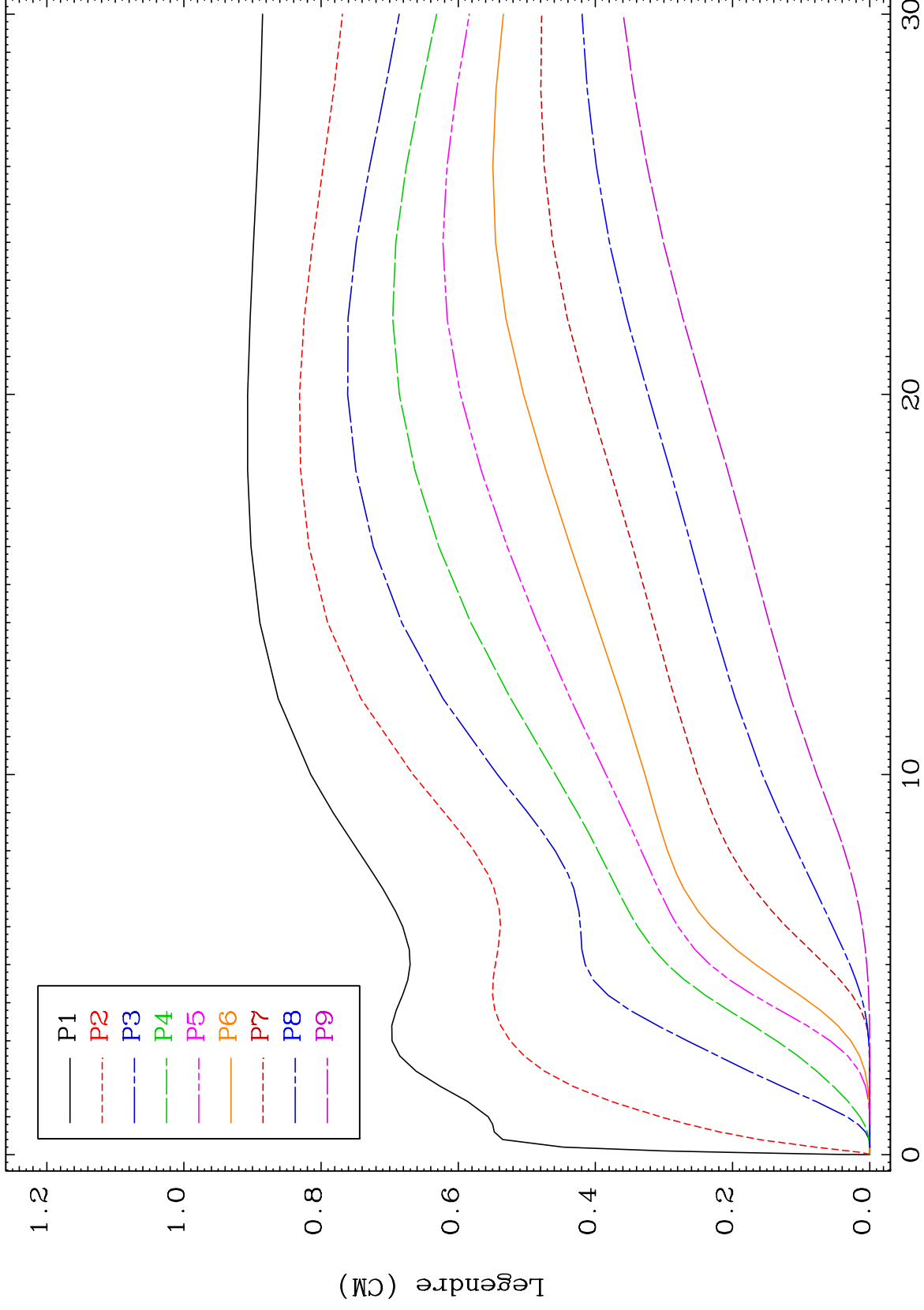
55-Cs-115



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Elastic Legendre Coefficients

55-Cs-115

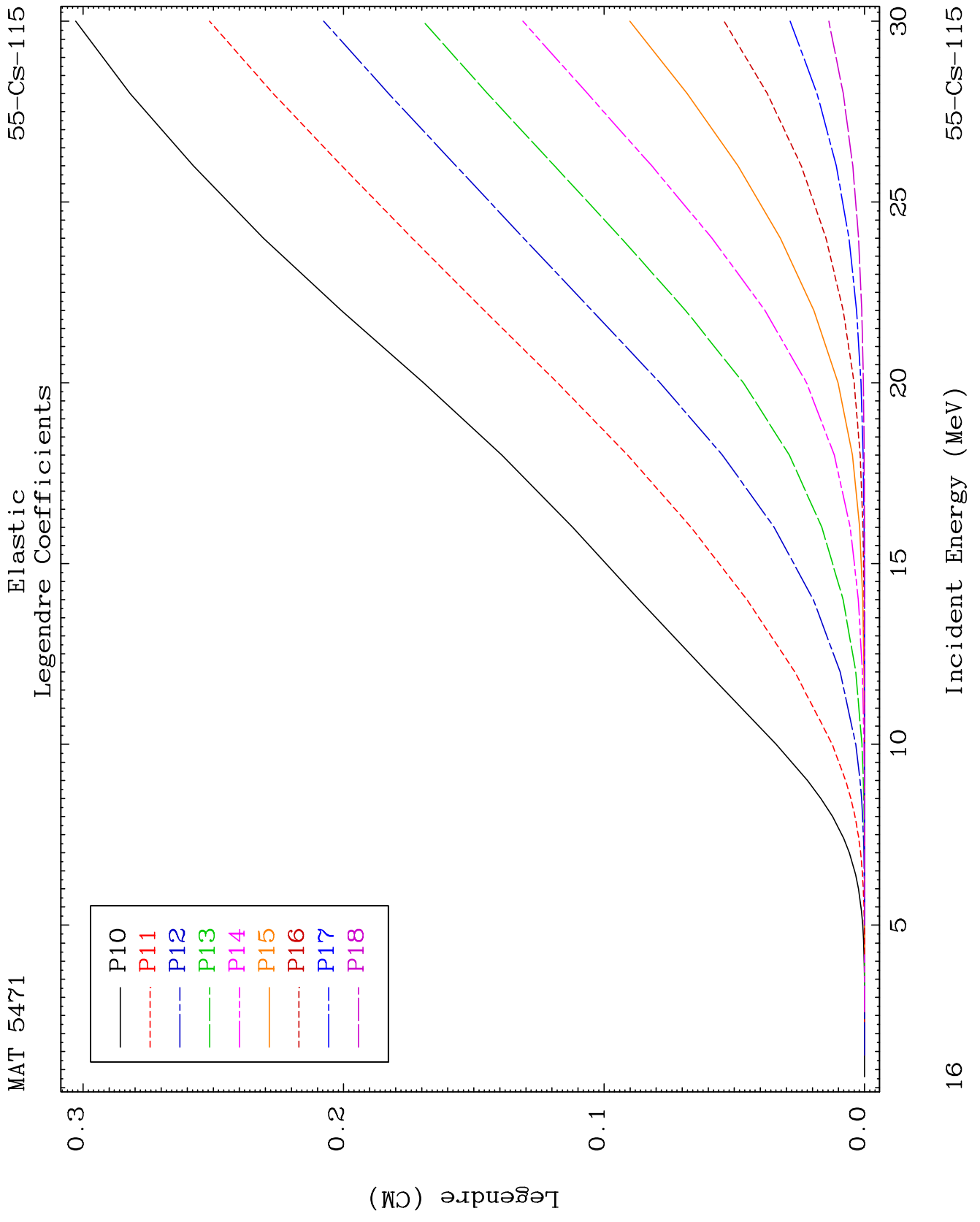


15

Incident Energy (MeV)

55-Cs-115

30

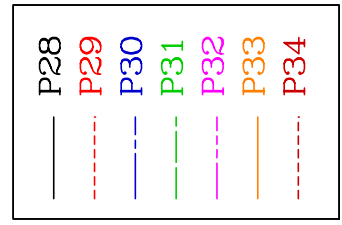




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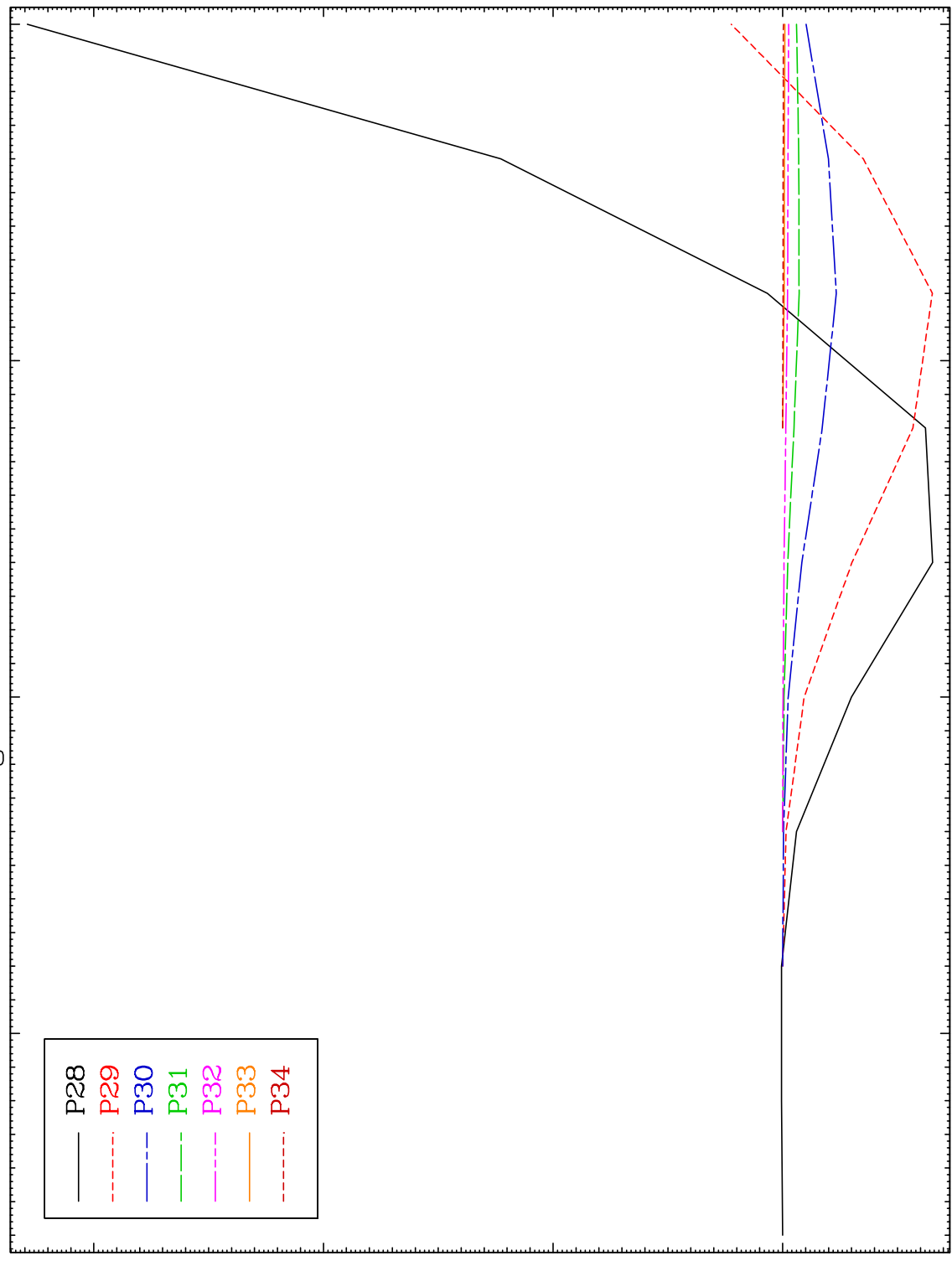
Elastic  
Legendre Coefficients

55-Cs-115



$\times 10^{-7}$

Legendre (CM)



18

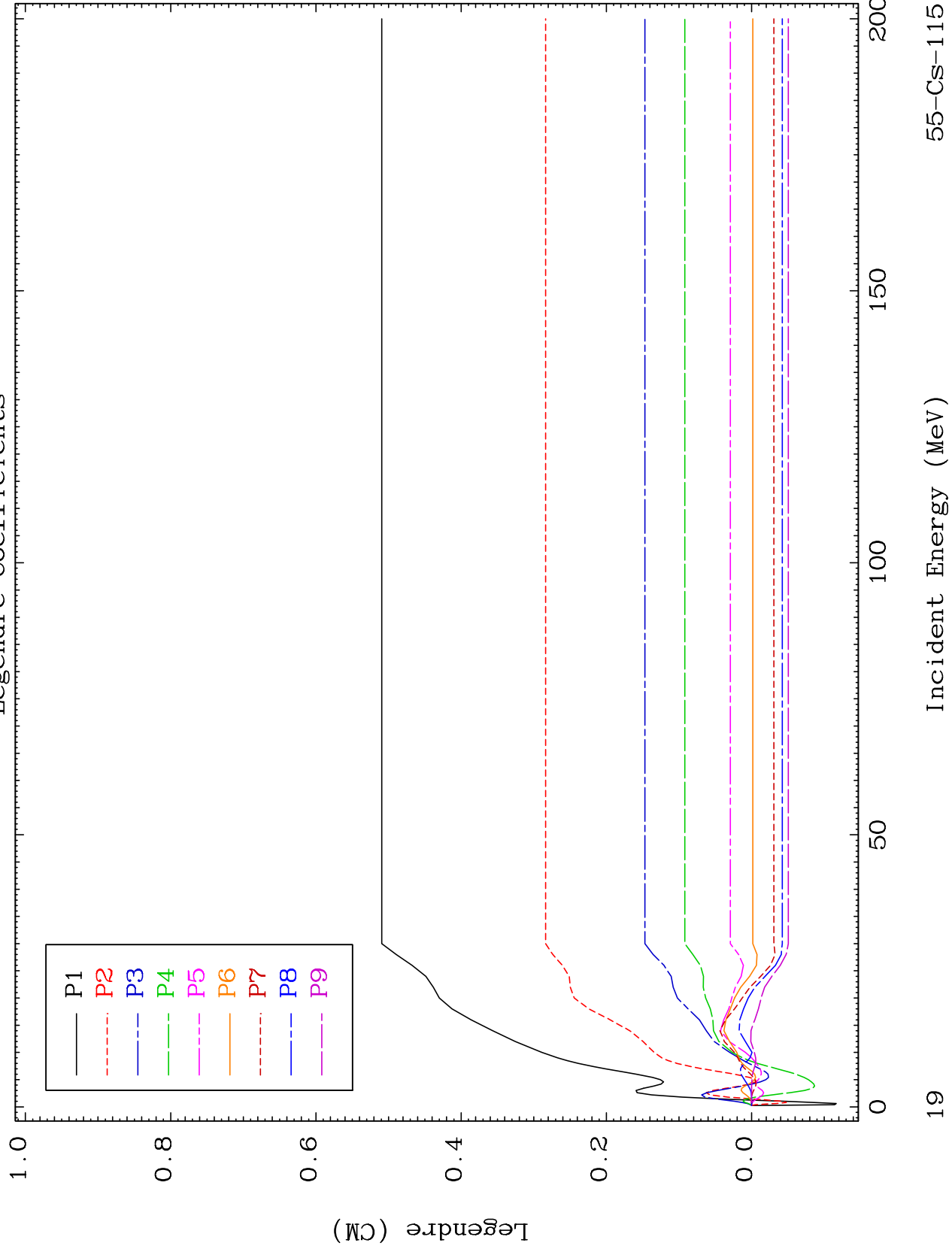
Incident Energy (MeV)

55-Cs-115

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MT= 51 (n,n') Level  
Legendre Coefficients

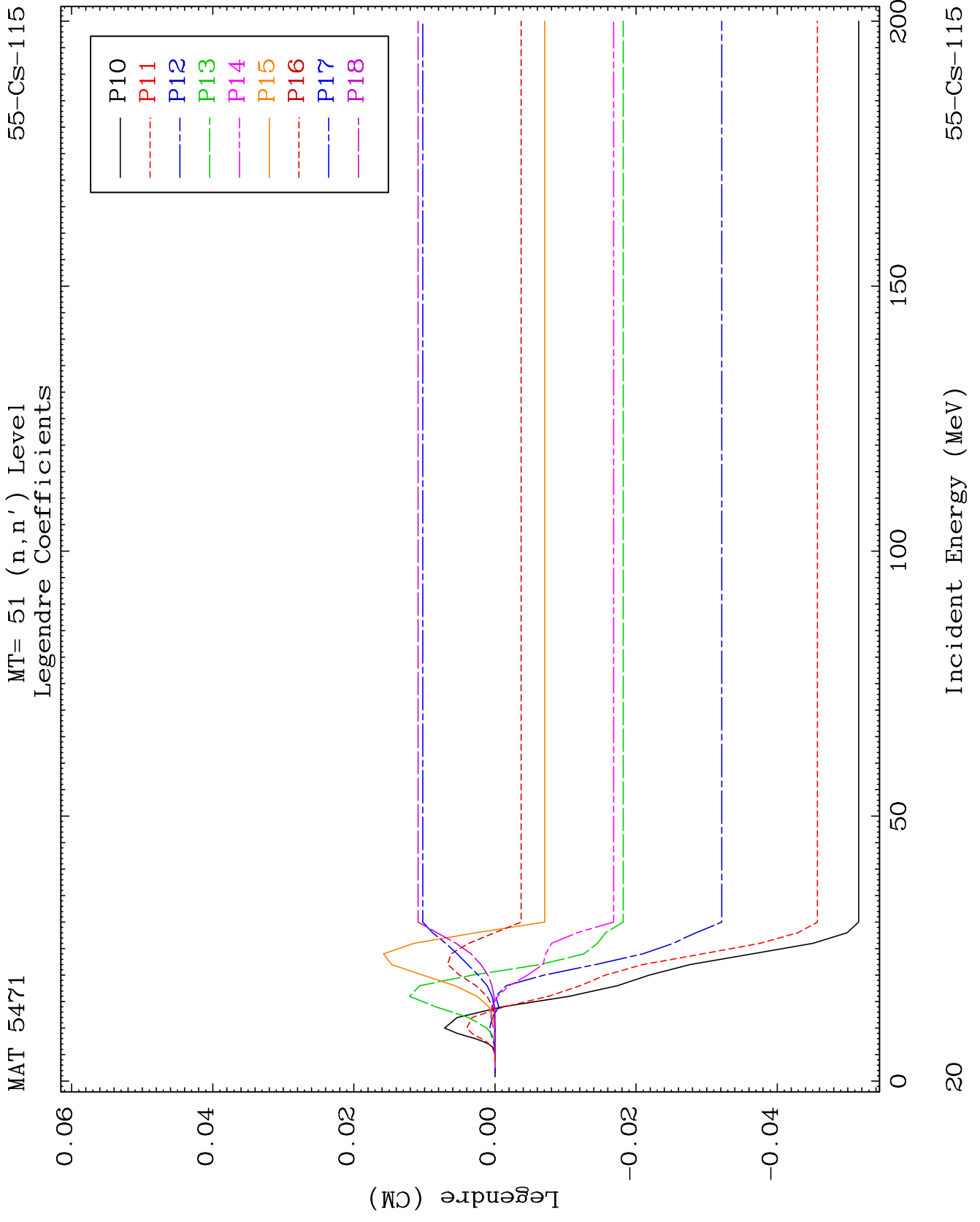
55-Cs-115



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Incident Energy (MeV)

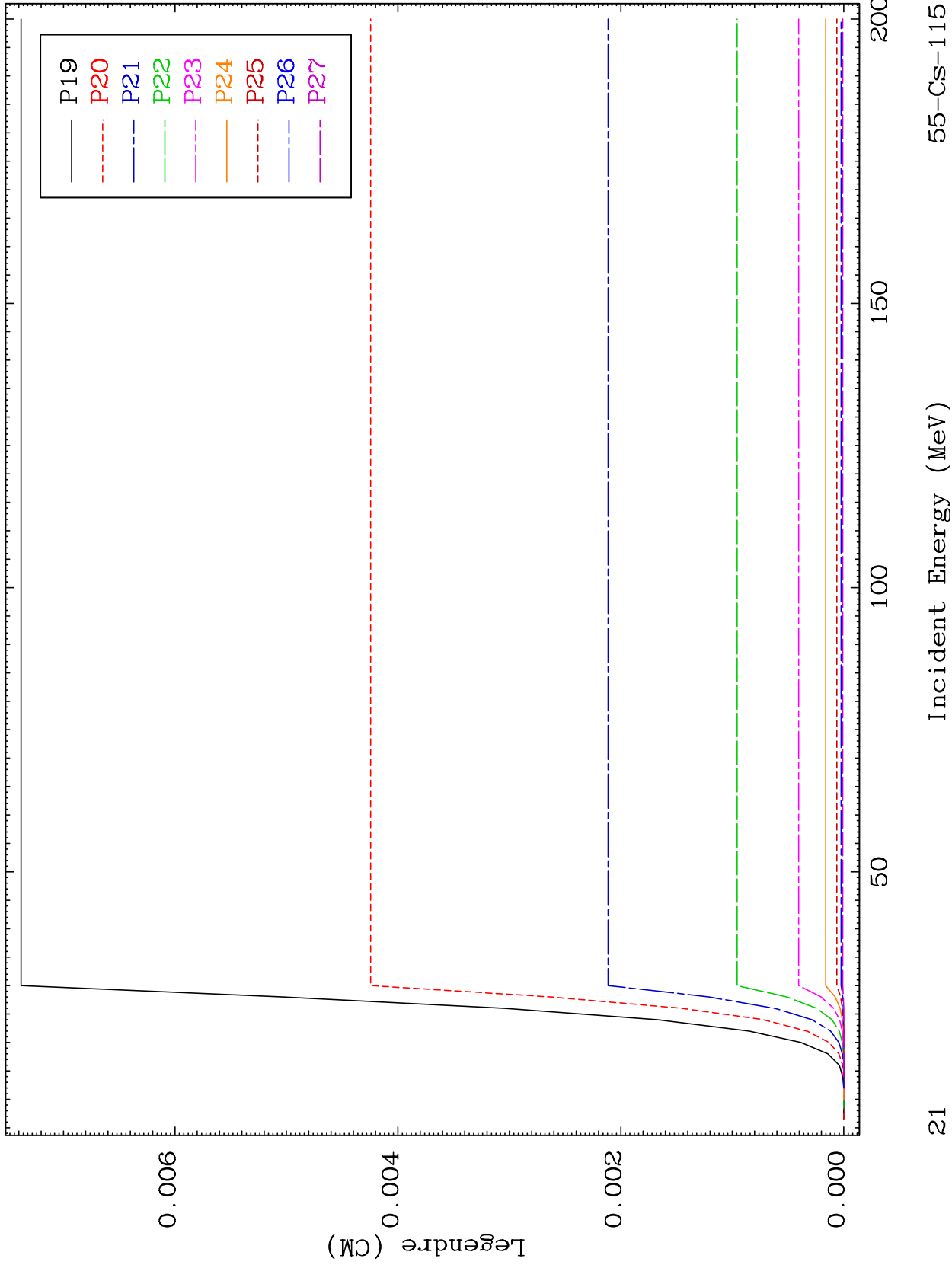
55-Cs-115



MAT 5471

MT= 51 (n,n') Level  
Legendre Coefficients

55-Cs-115



21

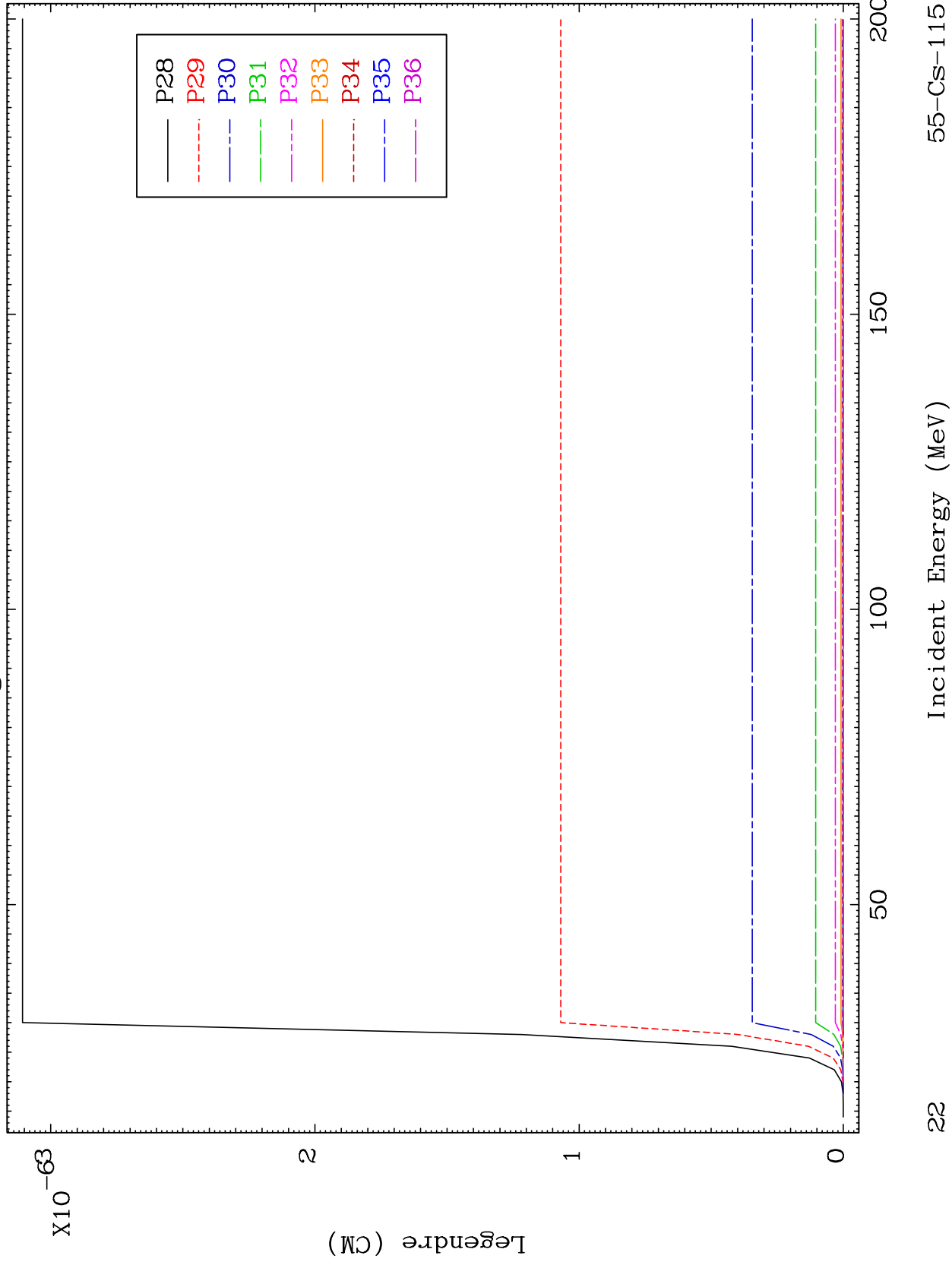
Incident Energy (MeV)

55-Cs-115

MAT 5471

MT= 51 (n,n') Level  
Legendre Coefficients

55-Cs-115

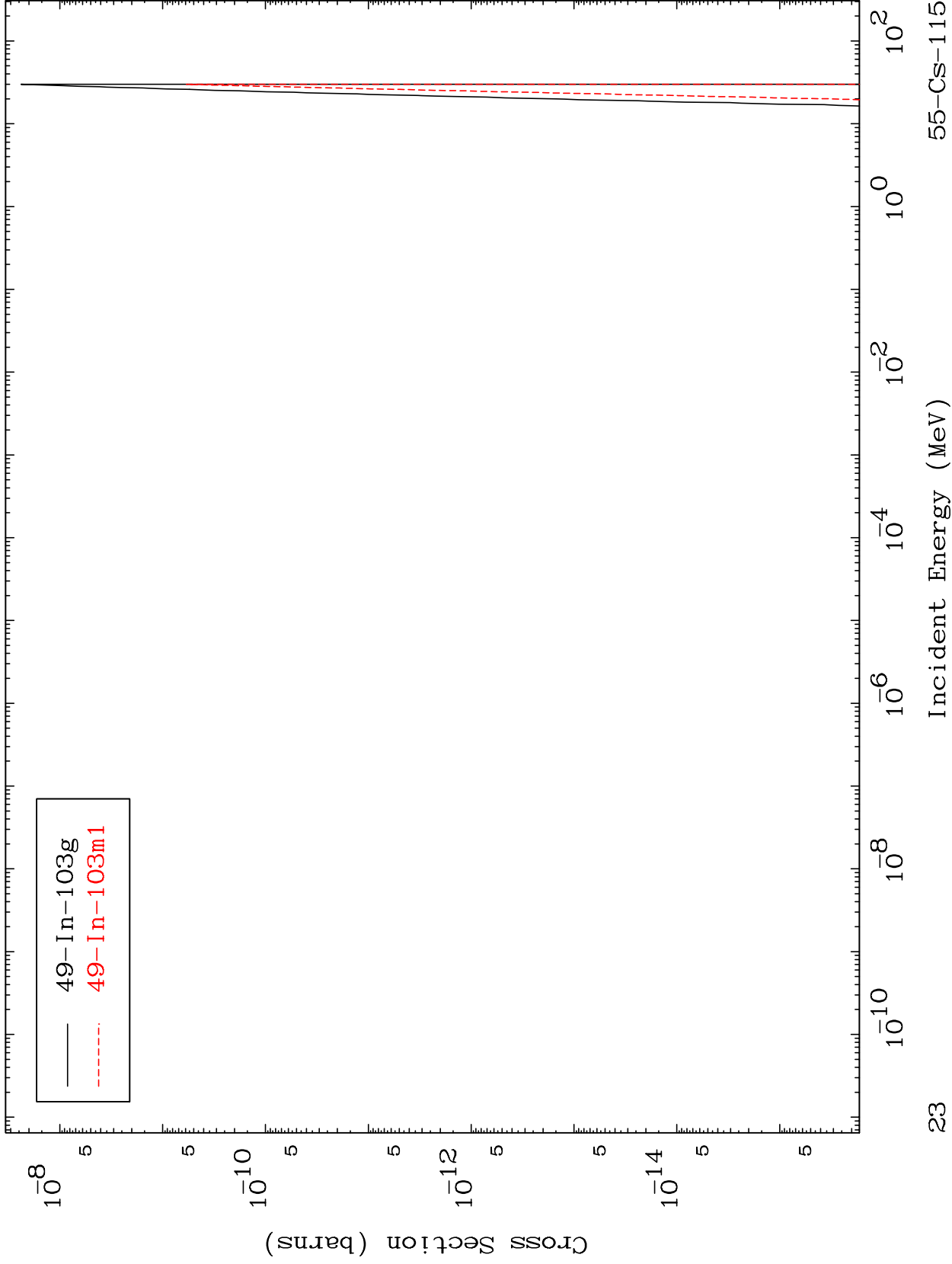


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(n,n') 3 $\alpha$

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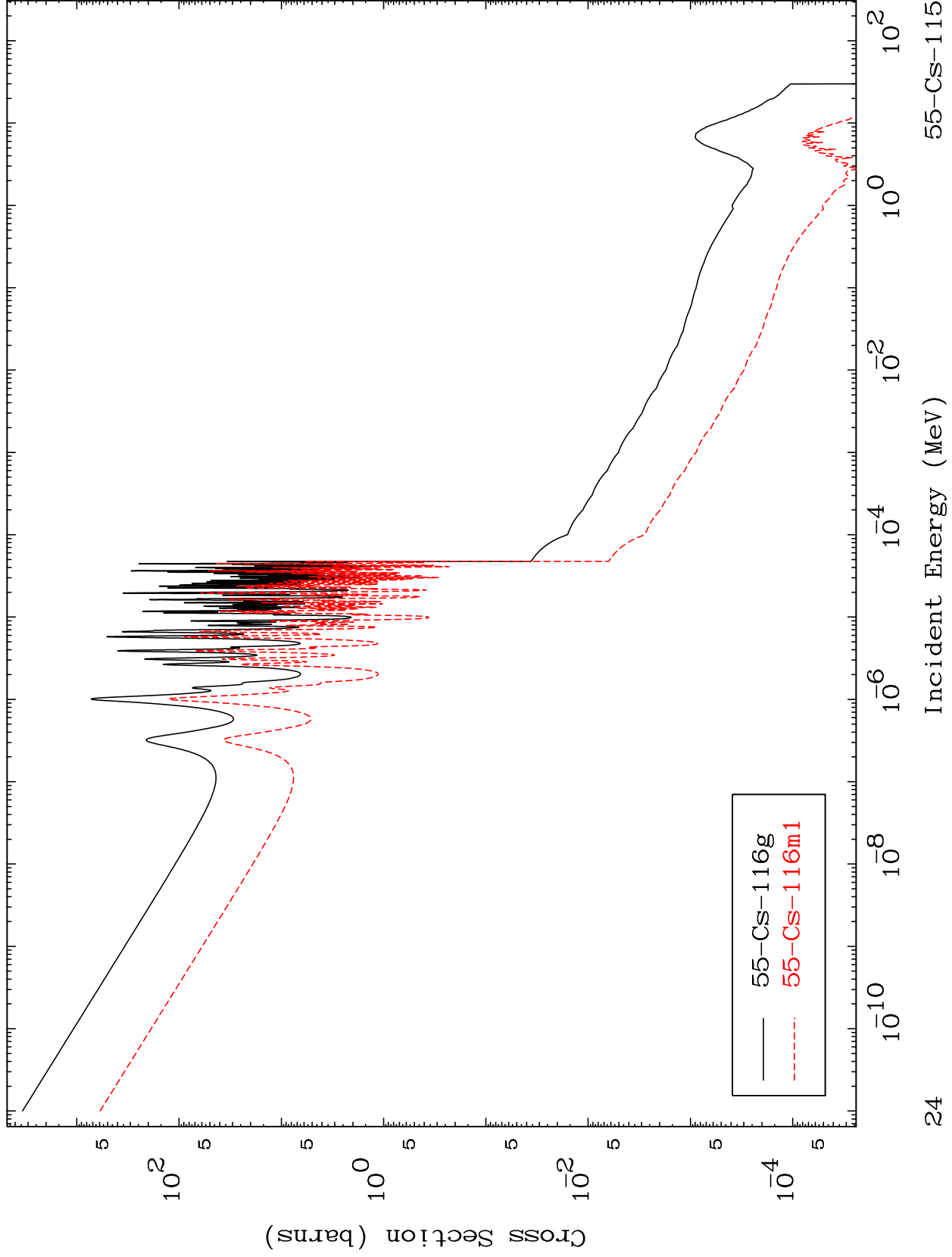
Radionuclide Production Cross Section



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$(n, \gamma)$   
Radionuclide Production Cross Section

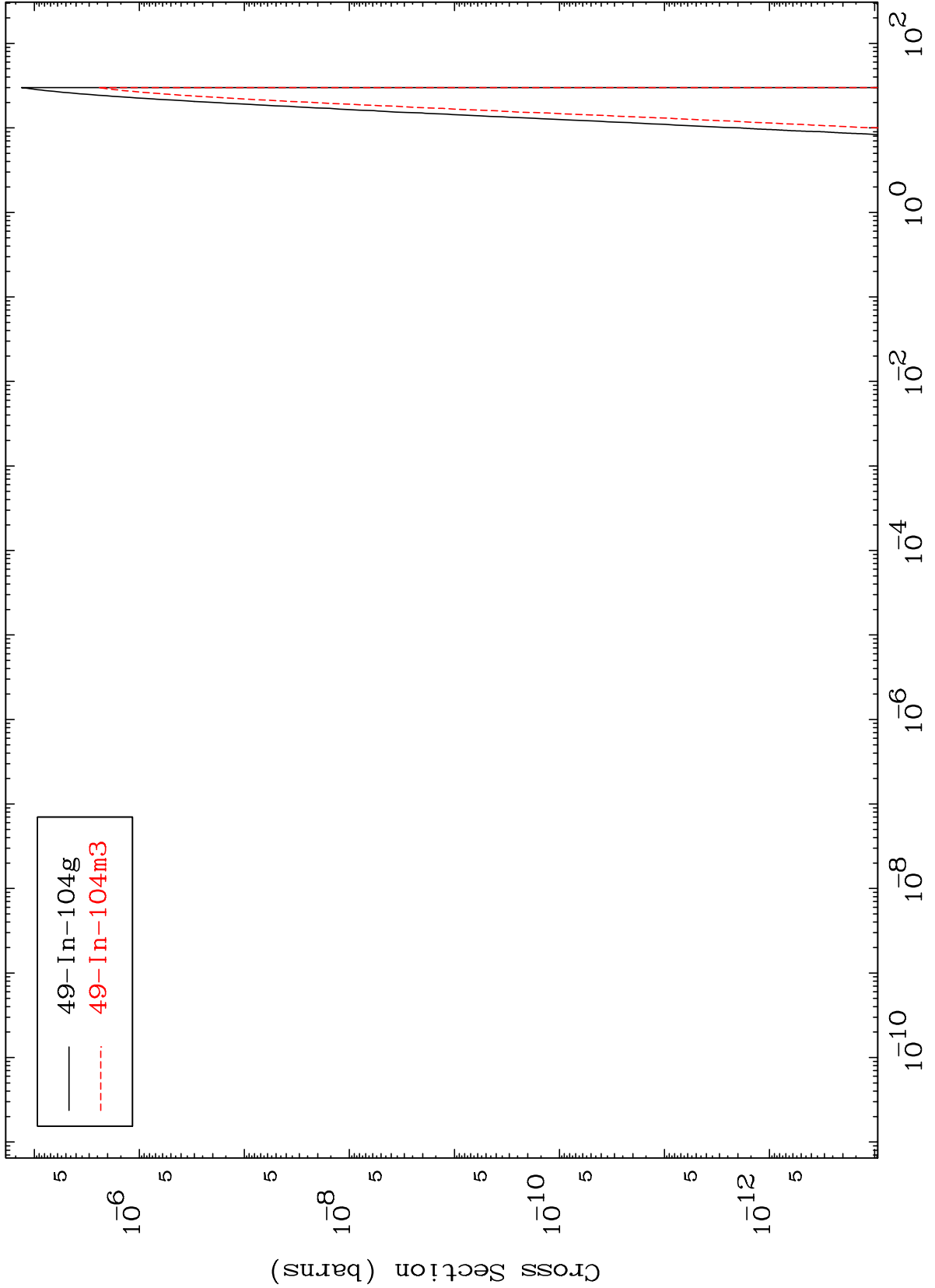


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(n, 3α)

55-Cs-115

Radionuclide Production Cross Section



MAT 5471

55-Cs-115

(n,2p)  
Radionuclide Production Cross Section

