

Program EVALPLOT  
(Version 2015-2)

by

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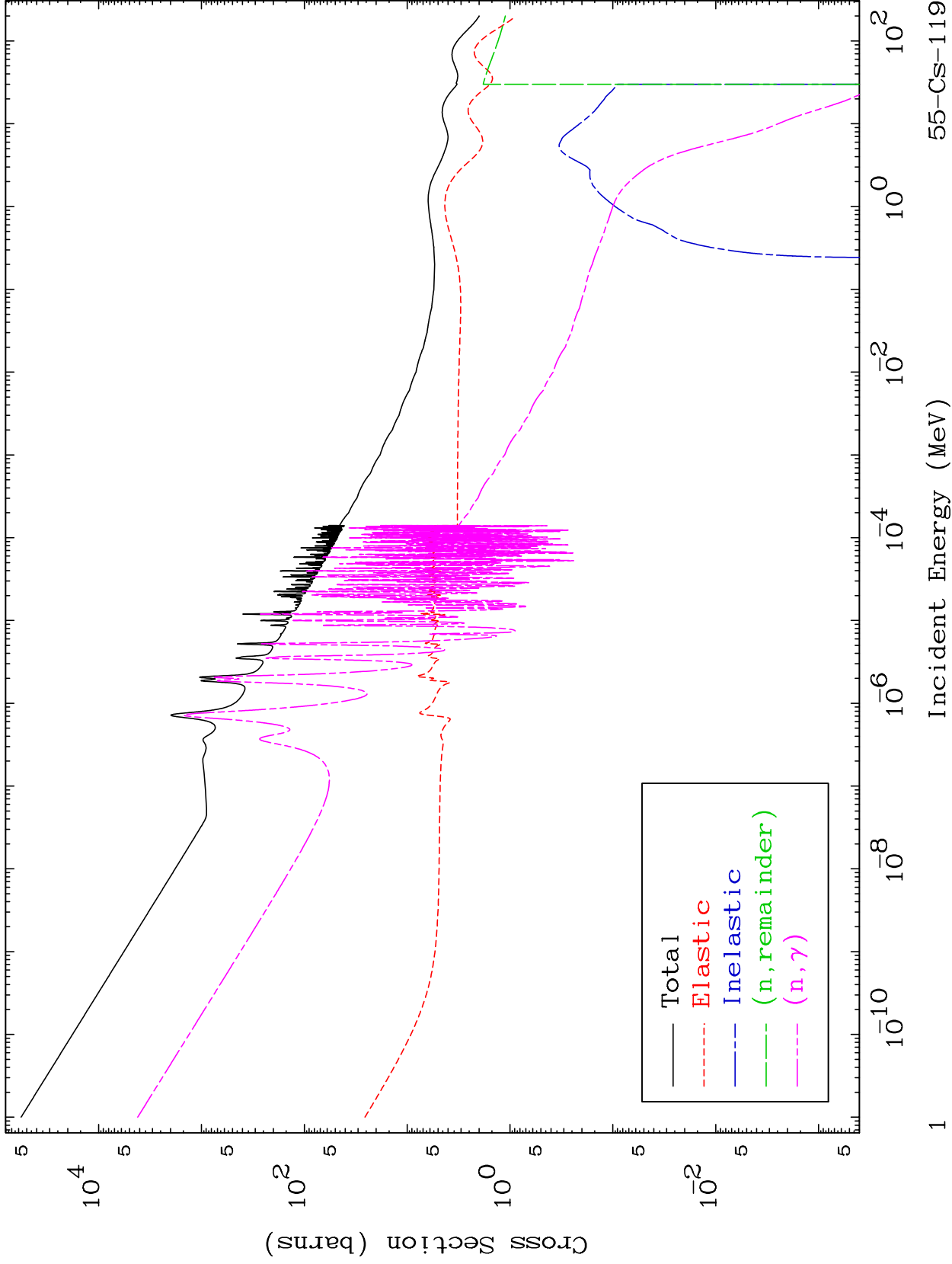
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5483

Major  
293 Kelvin Cross Sections

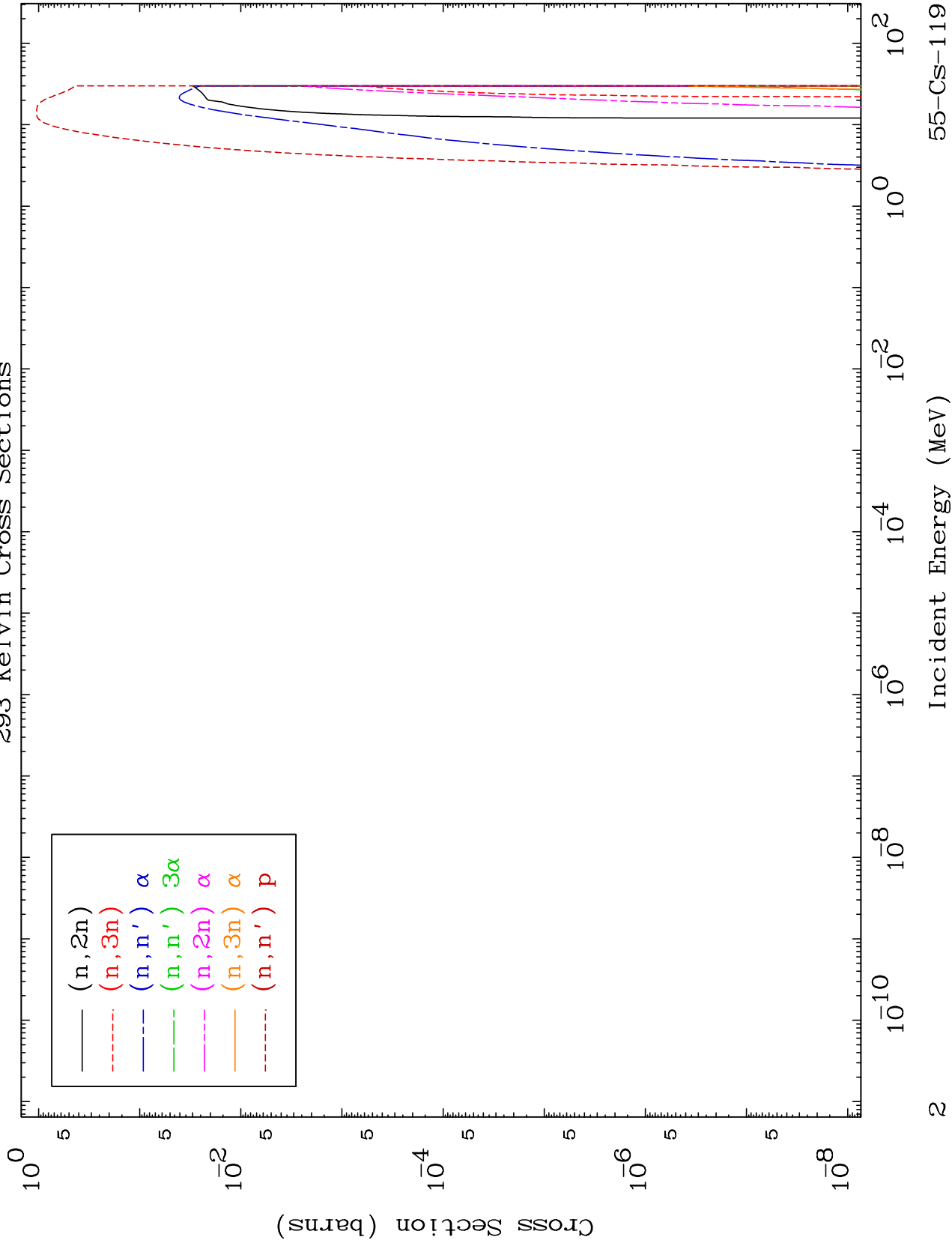
55-Cs-119



MAT 5483

Neutron Production  
293 Kelvin Cross Sections

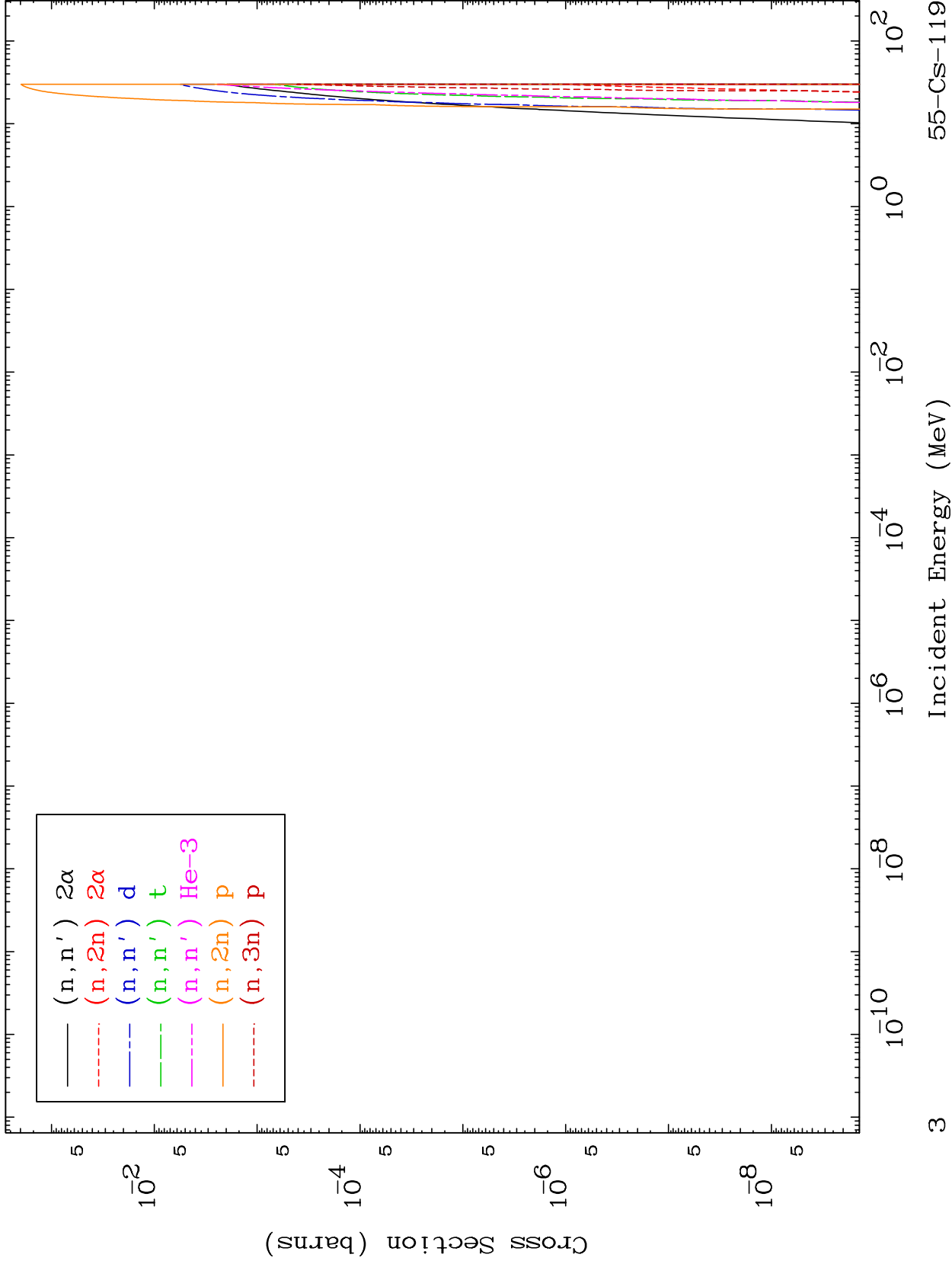
55-Cs-119



MAT 5483

Neutron Production  
293 Kelvin Cross Sections

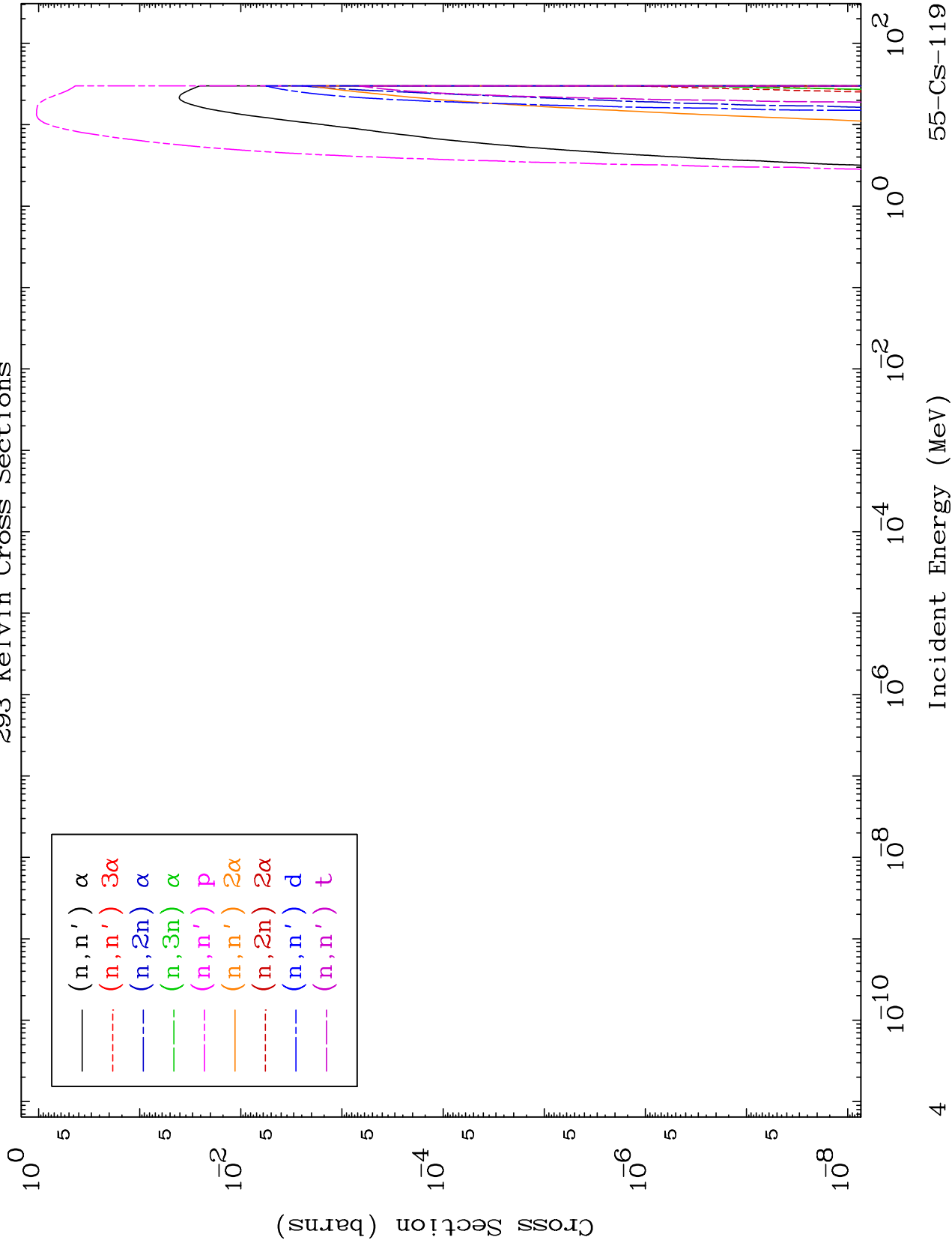
55-Cs-119

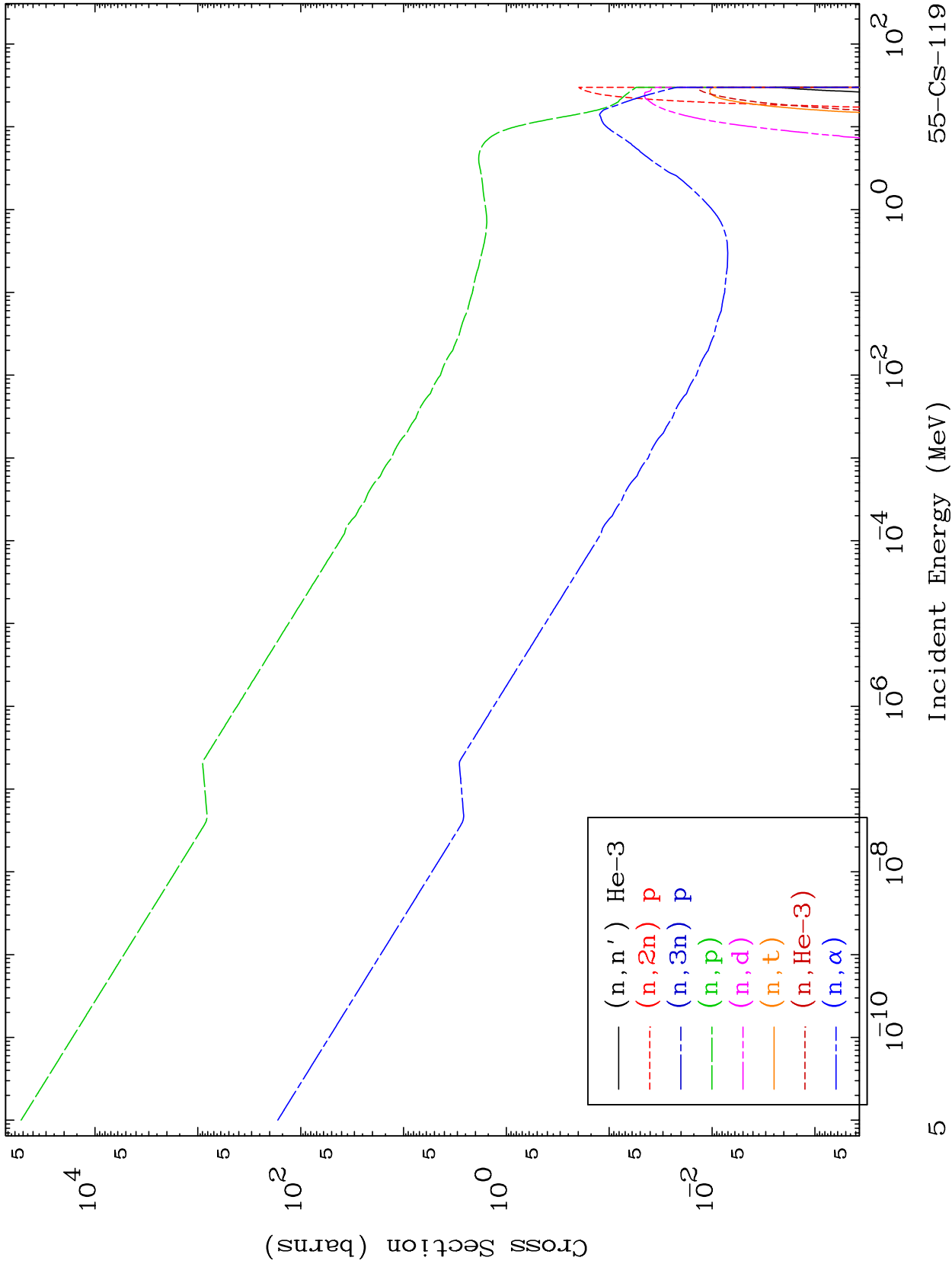


MAT 5483

Charged Particle  
293 Kelvin Cross Sections

55-Cs-119

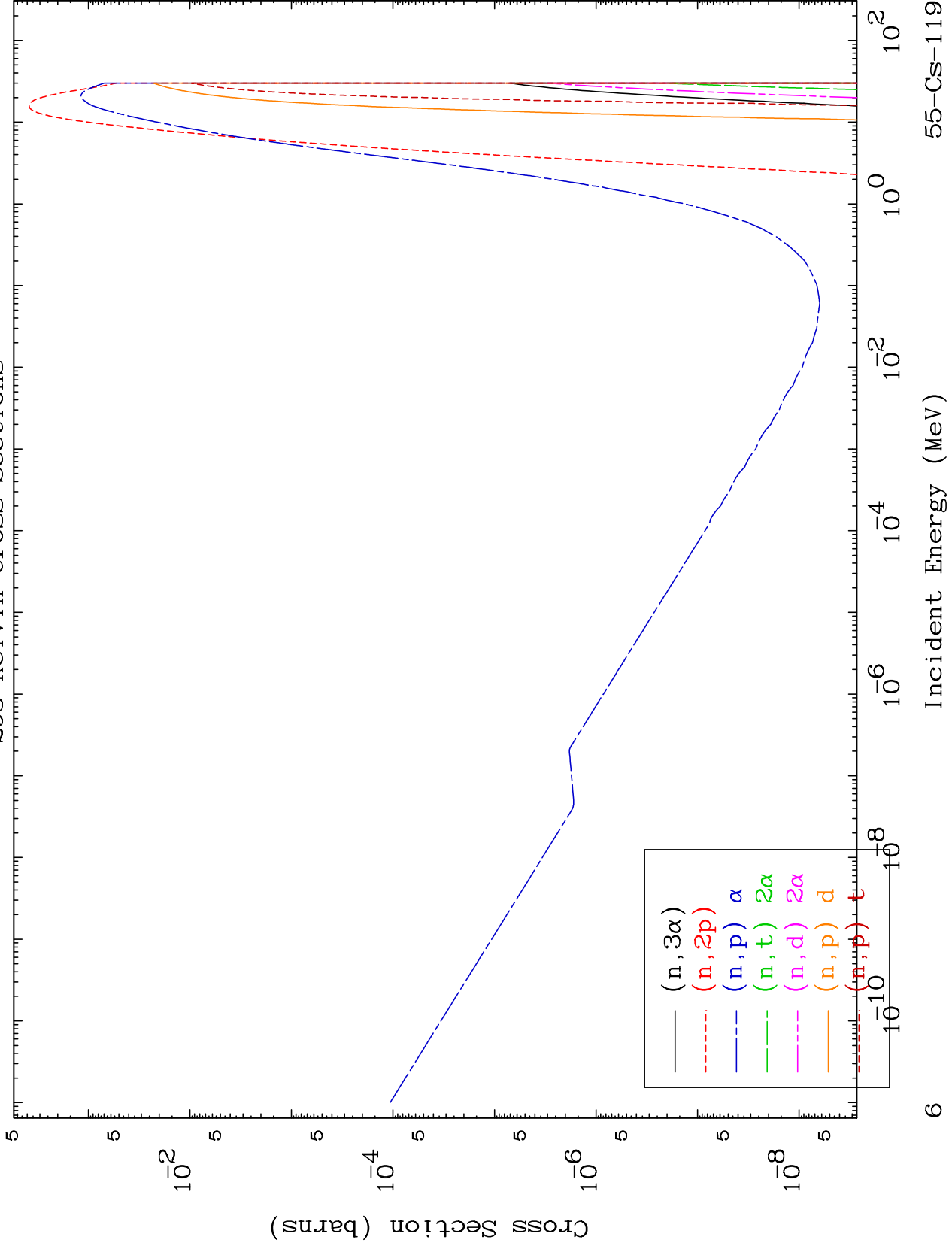




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Charged Particle  
293 Kelvin Cross Sections

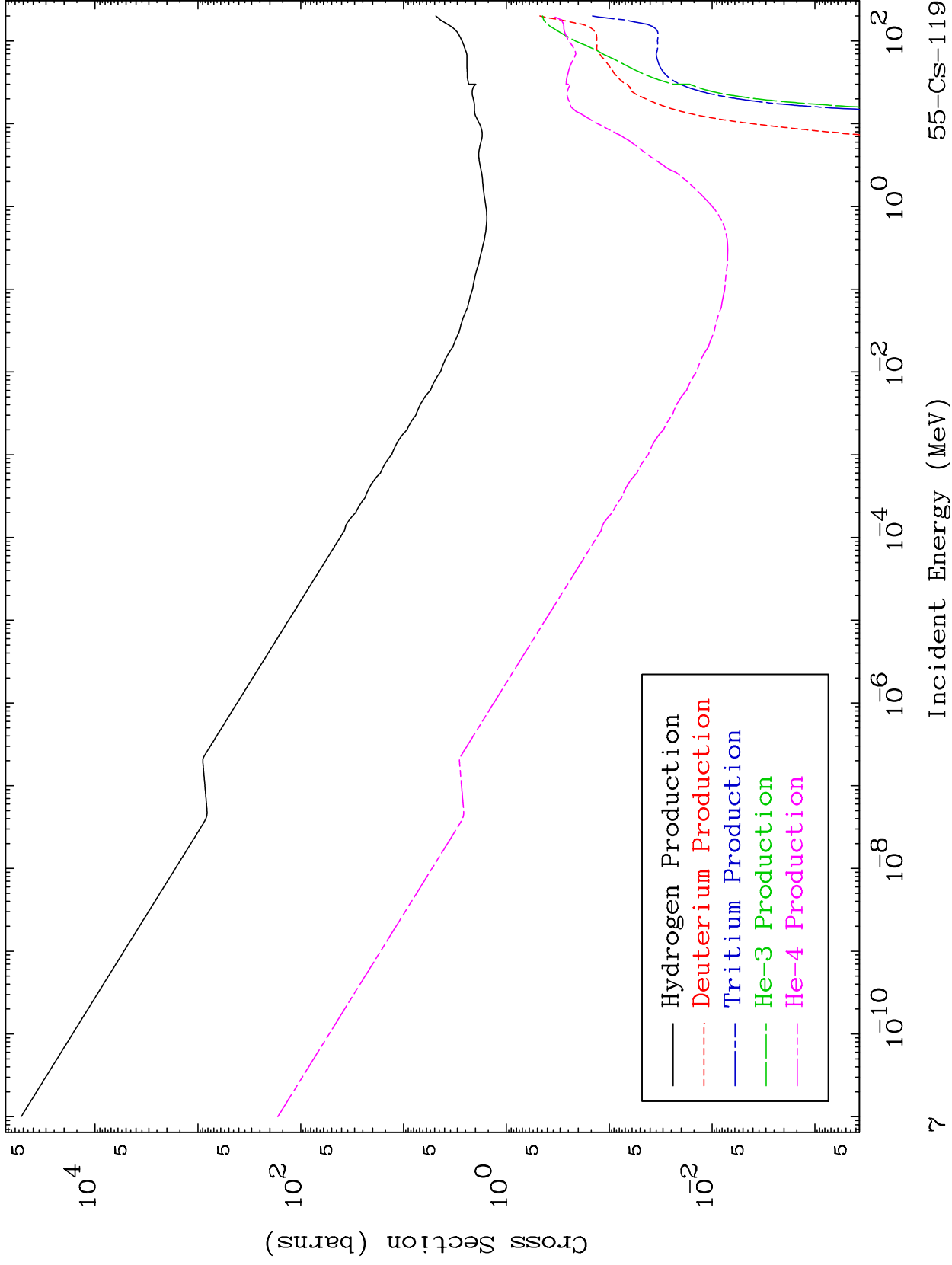
55-Cs-119



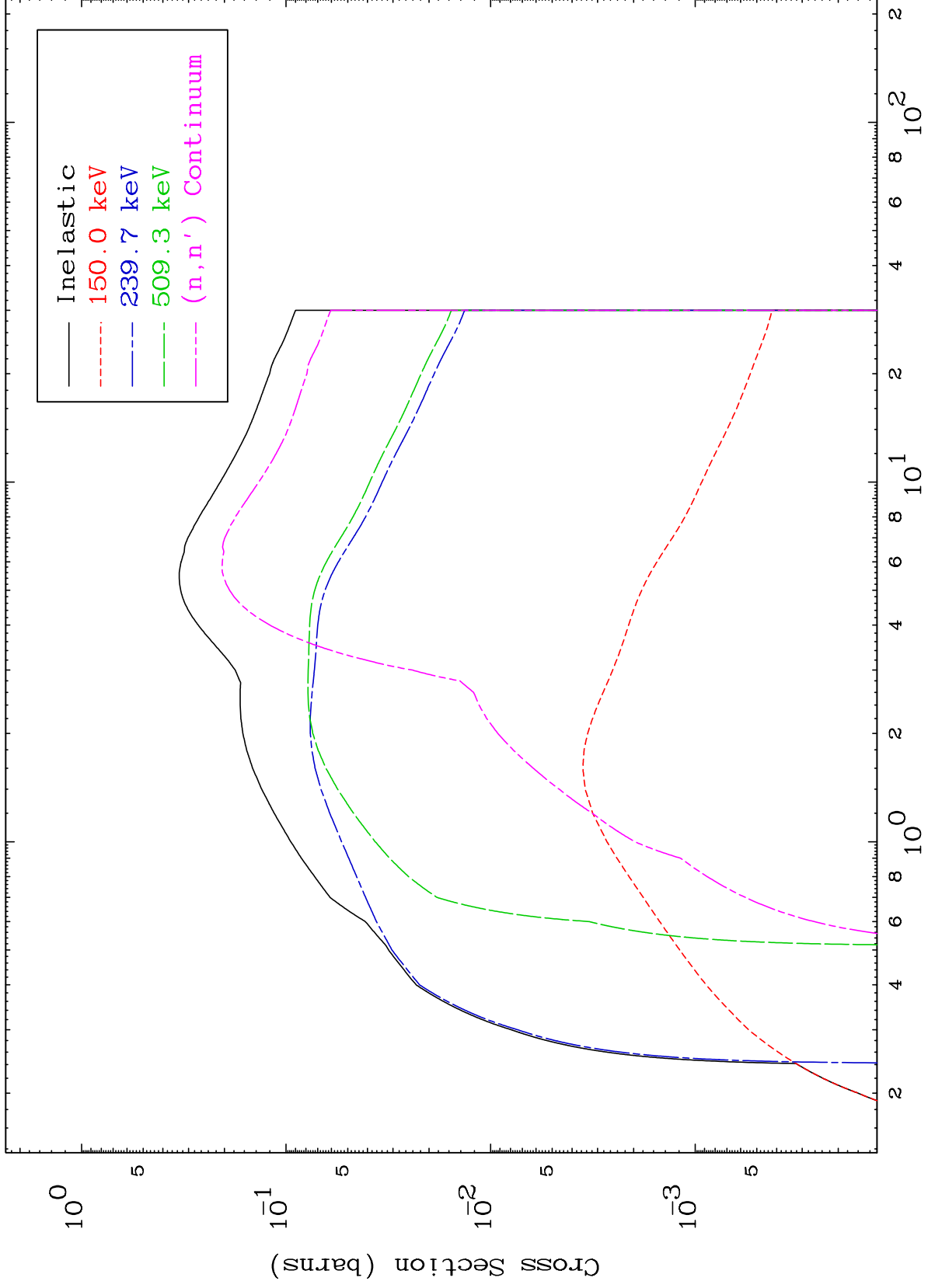
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Particle Production  
293 Kelvin Cross Sections

55-Cs-119



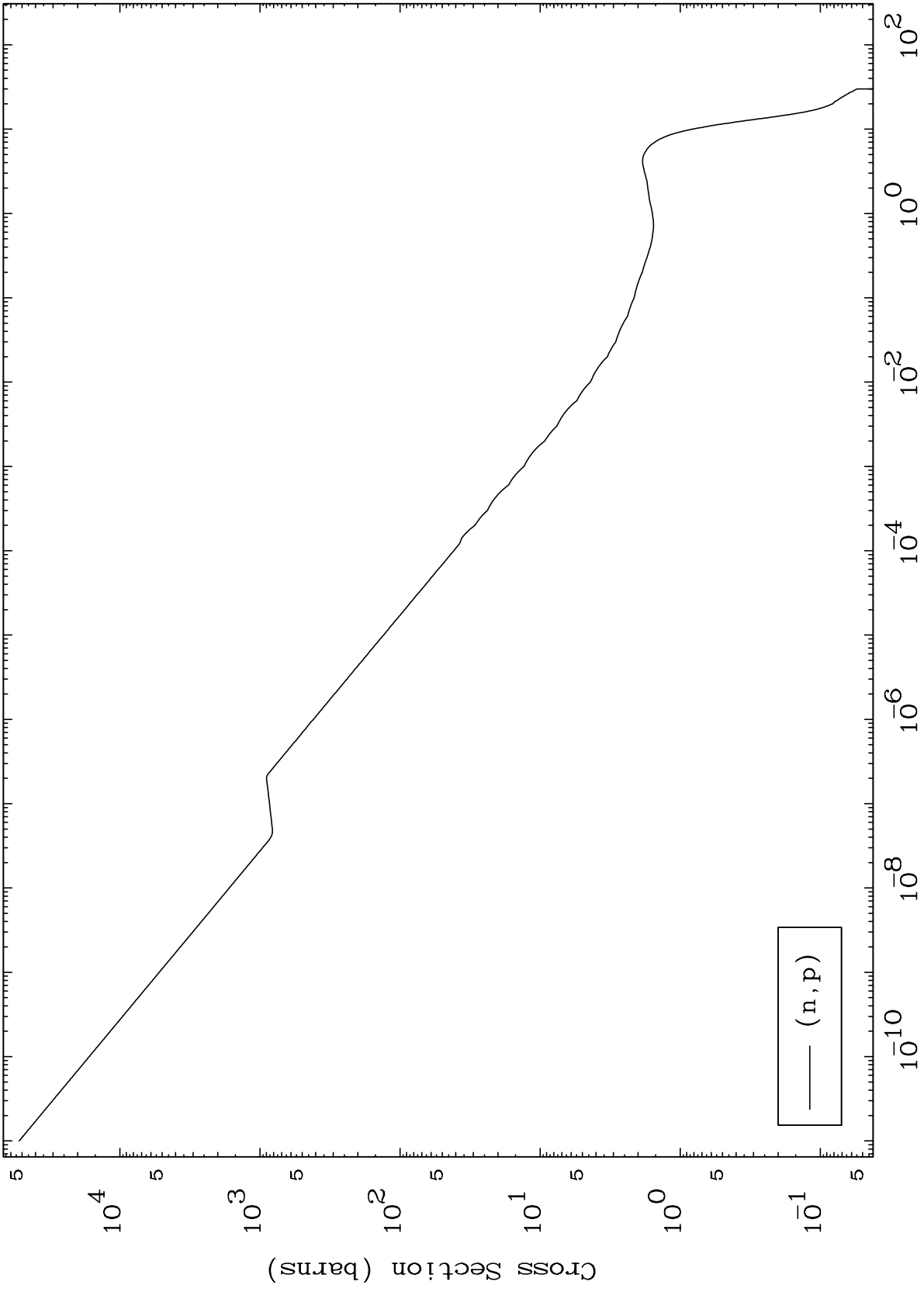




MAT 5483

(n,p) Levels  
293 Kelvin Cross Sections

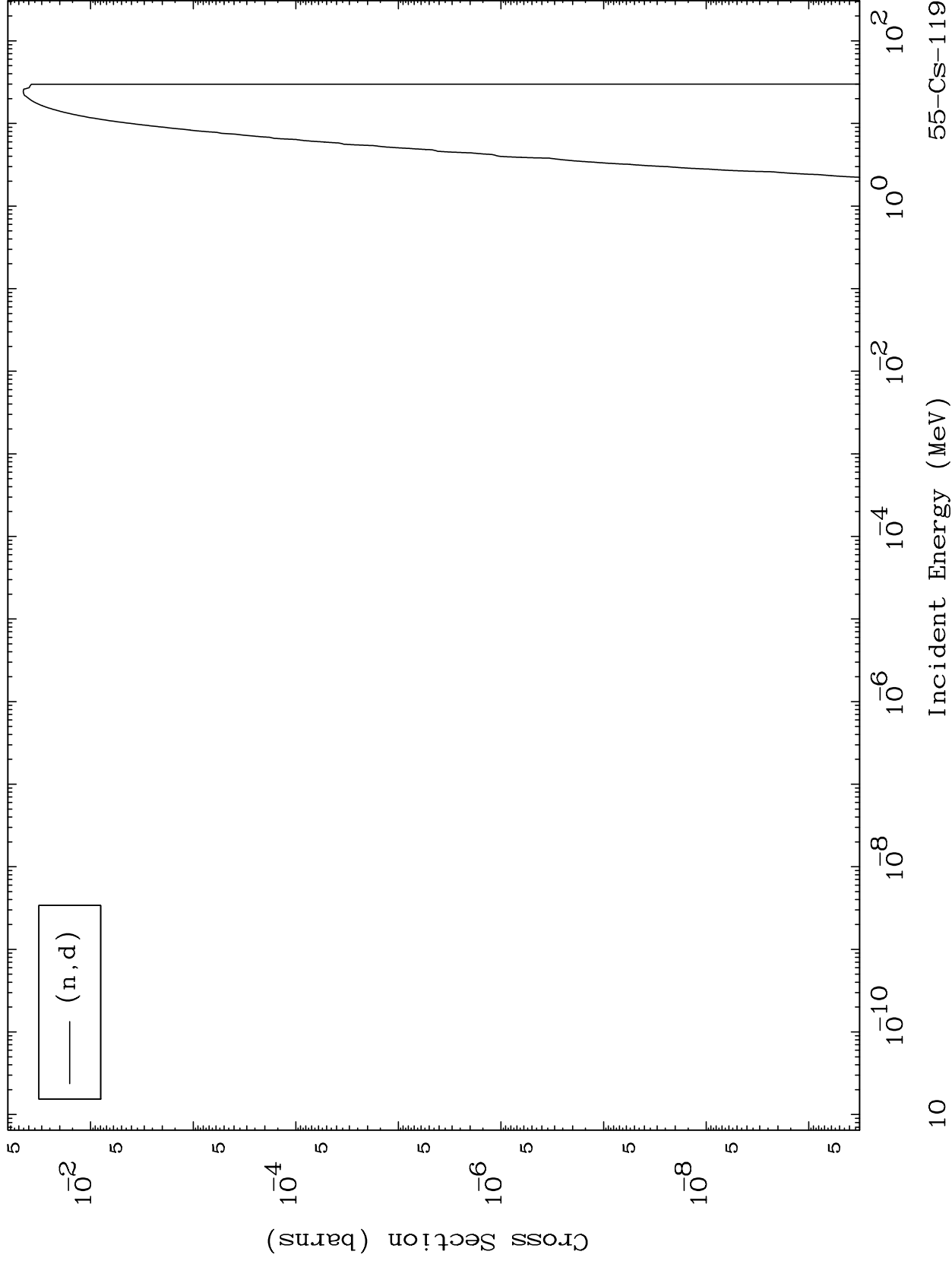
55-Cs-119



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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-119



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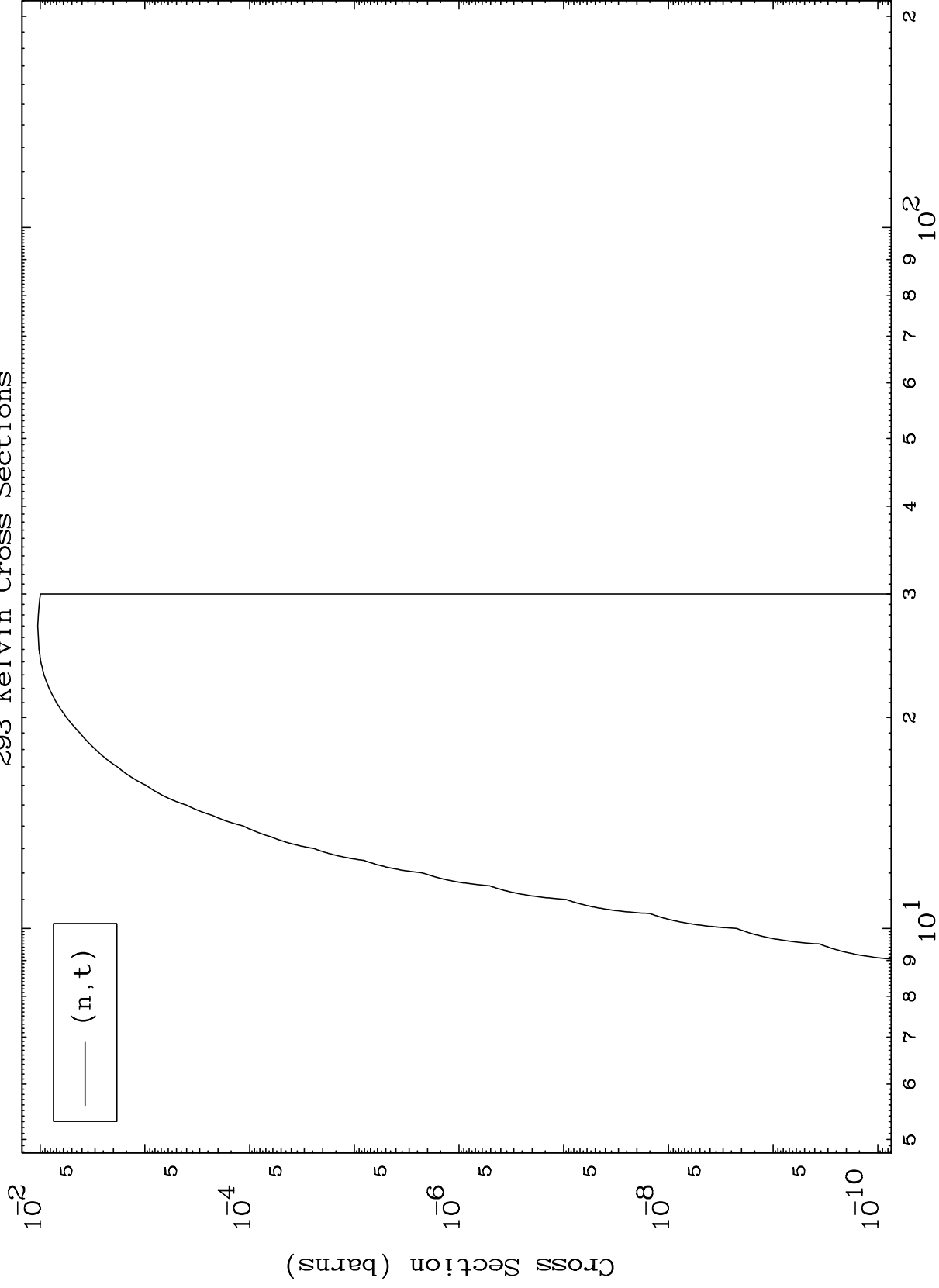
Incident Energy (MeV)

55-Cs-119

MAT 5483

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-119



(n,t)

Incident Energy (MeV)

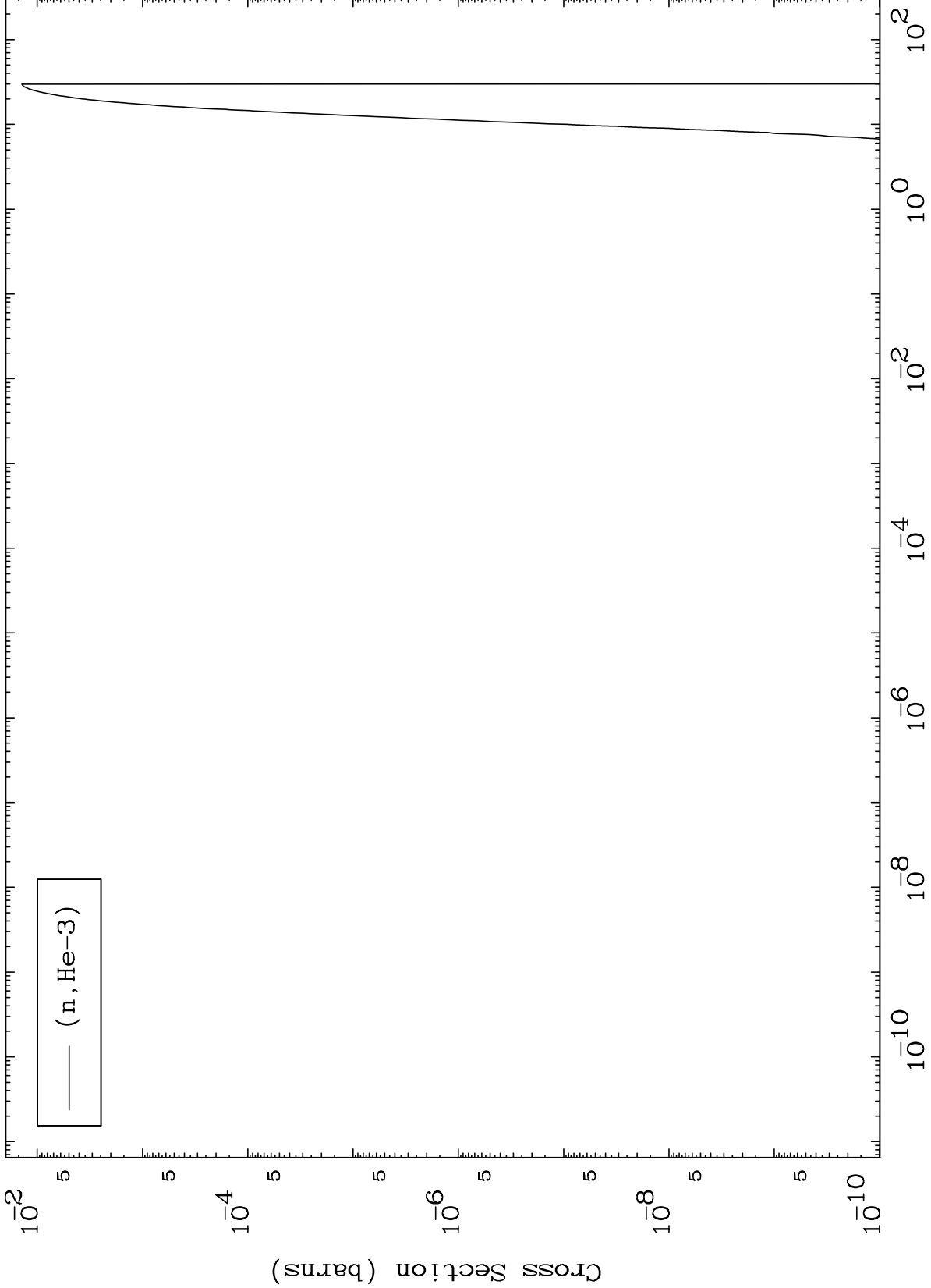
55-Cs-119

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(n,He3) Levels  
293 Kelvin Cross Sections

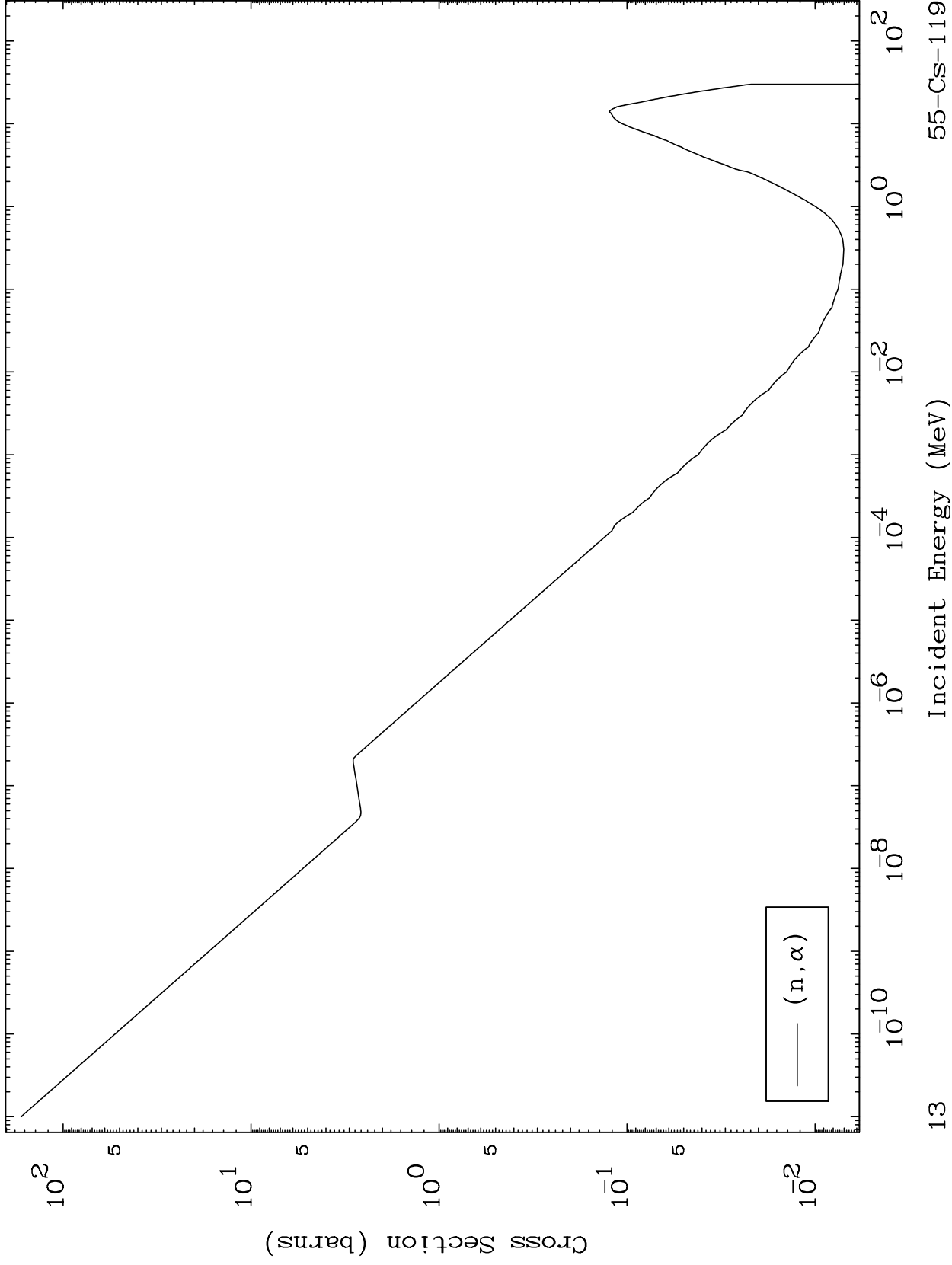
55-Cs-119



MAT 5483

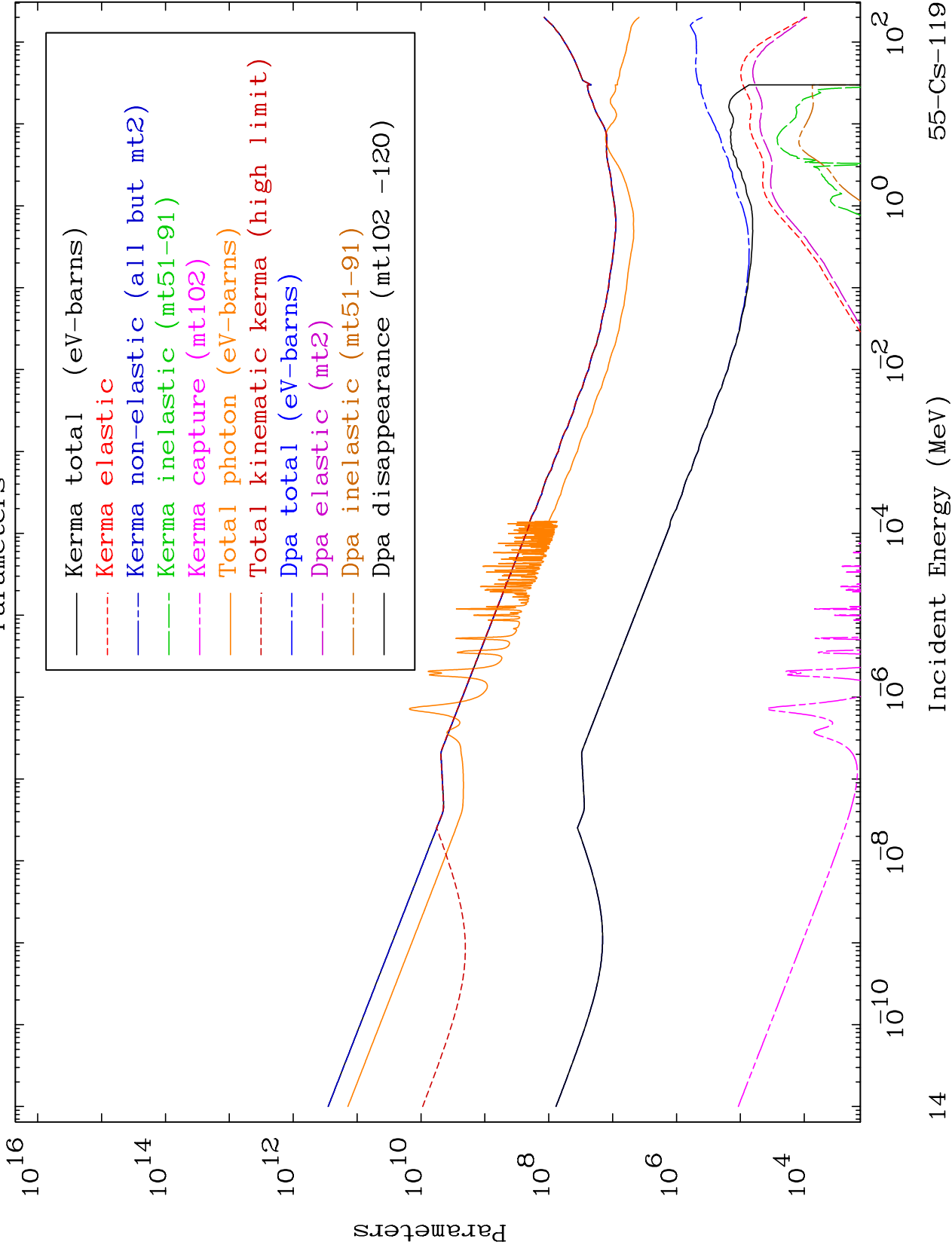
(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-119



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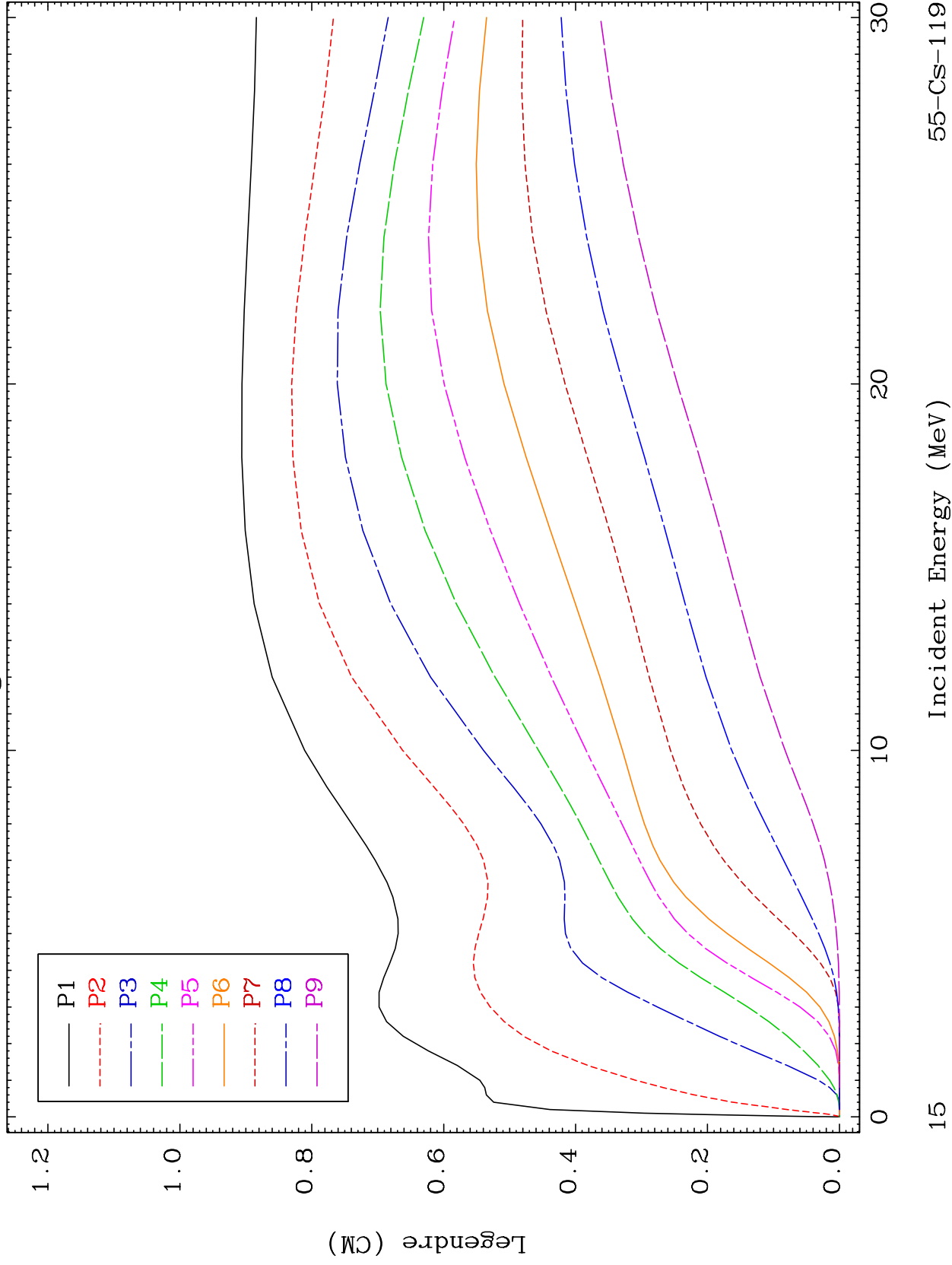
55-Cs-119



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Elastic Legendre Coefficients

55-Cs-119



55-Cs-119

Incident Energy (MeV)

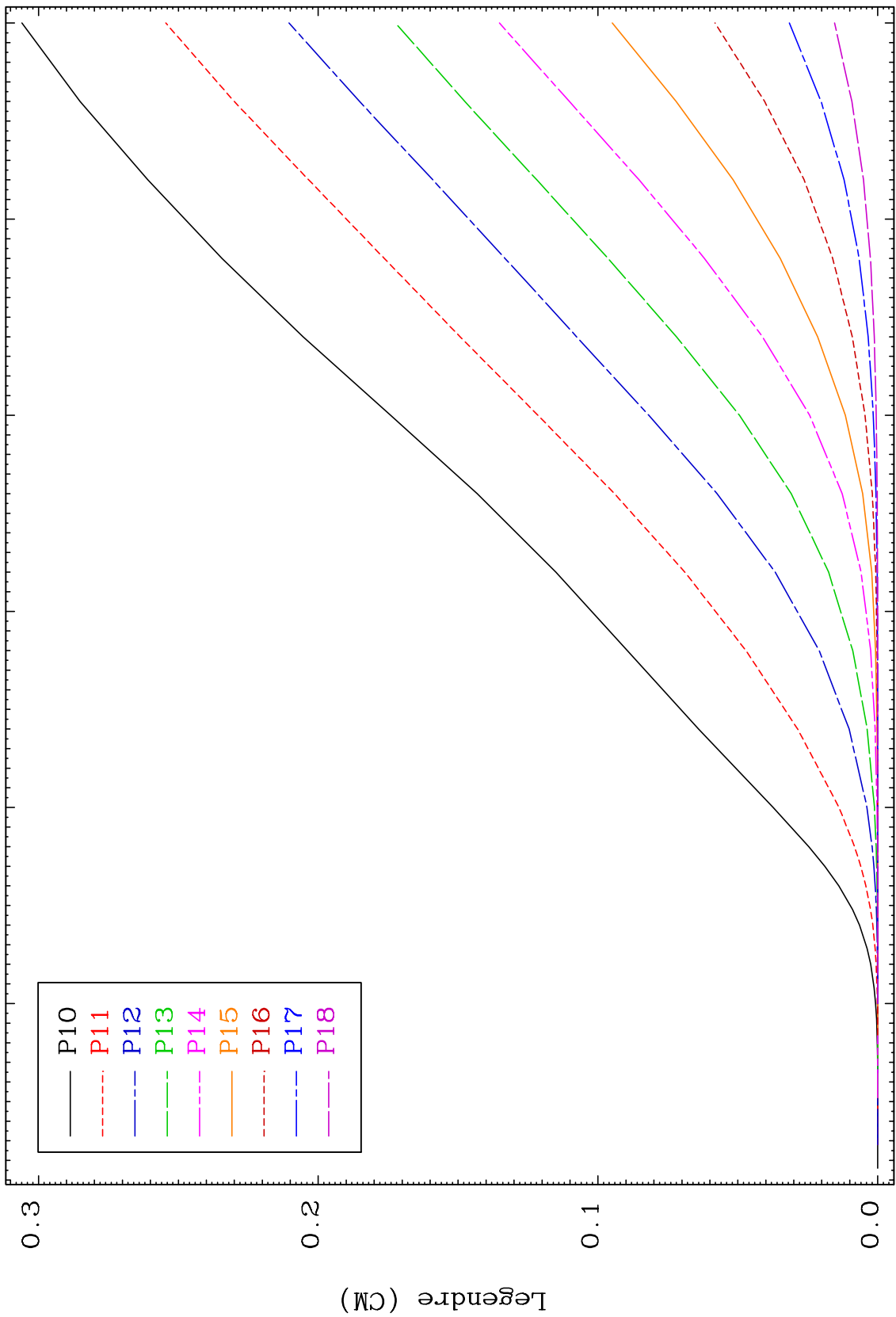
15



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Elastic Legendre Coefficients

55-Cs-119



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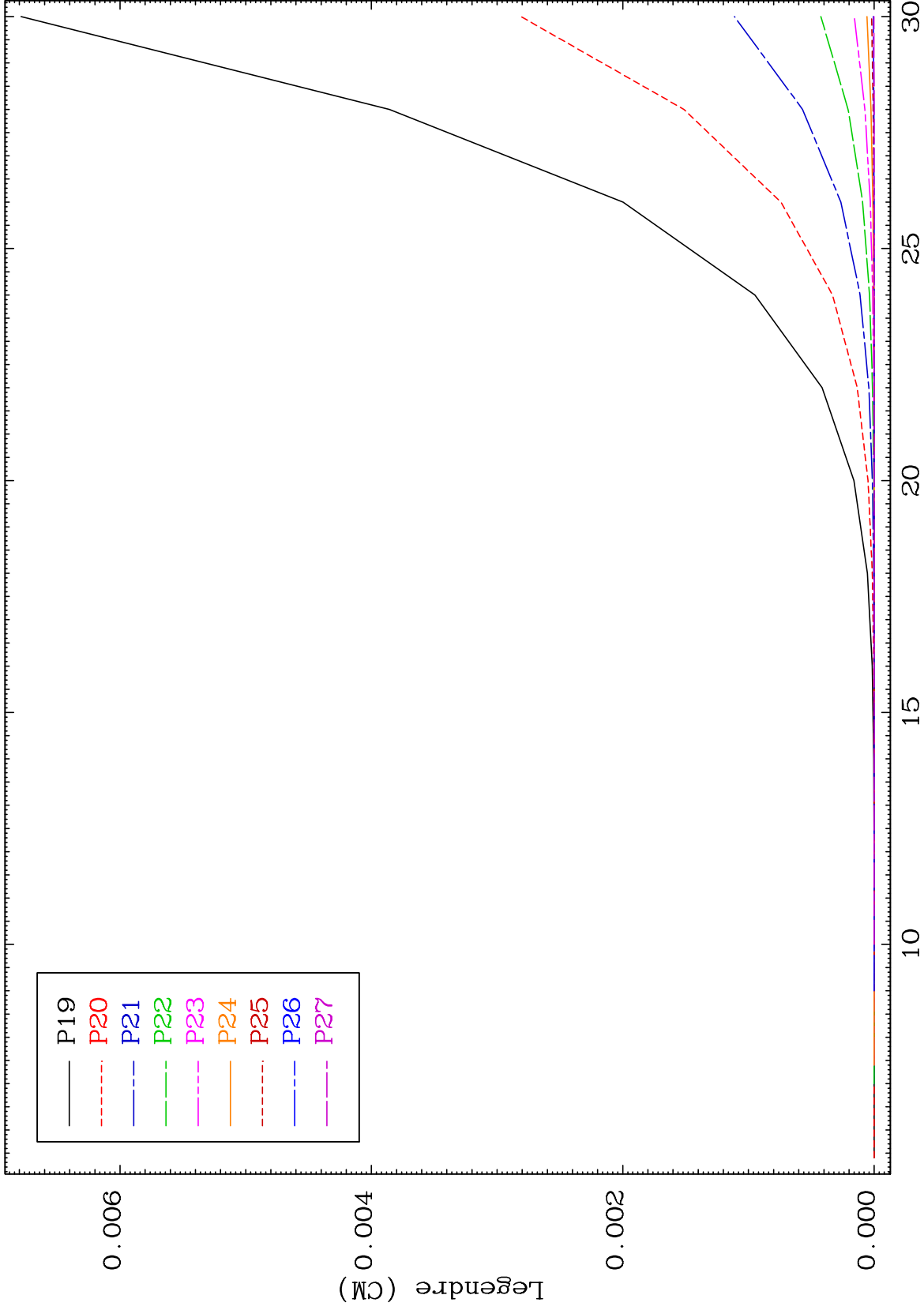
Incident Energy (MeV)

55-Cs-119

MAT 5483

Elastic Legendre Coefficients

55-Cs-119



17

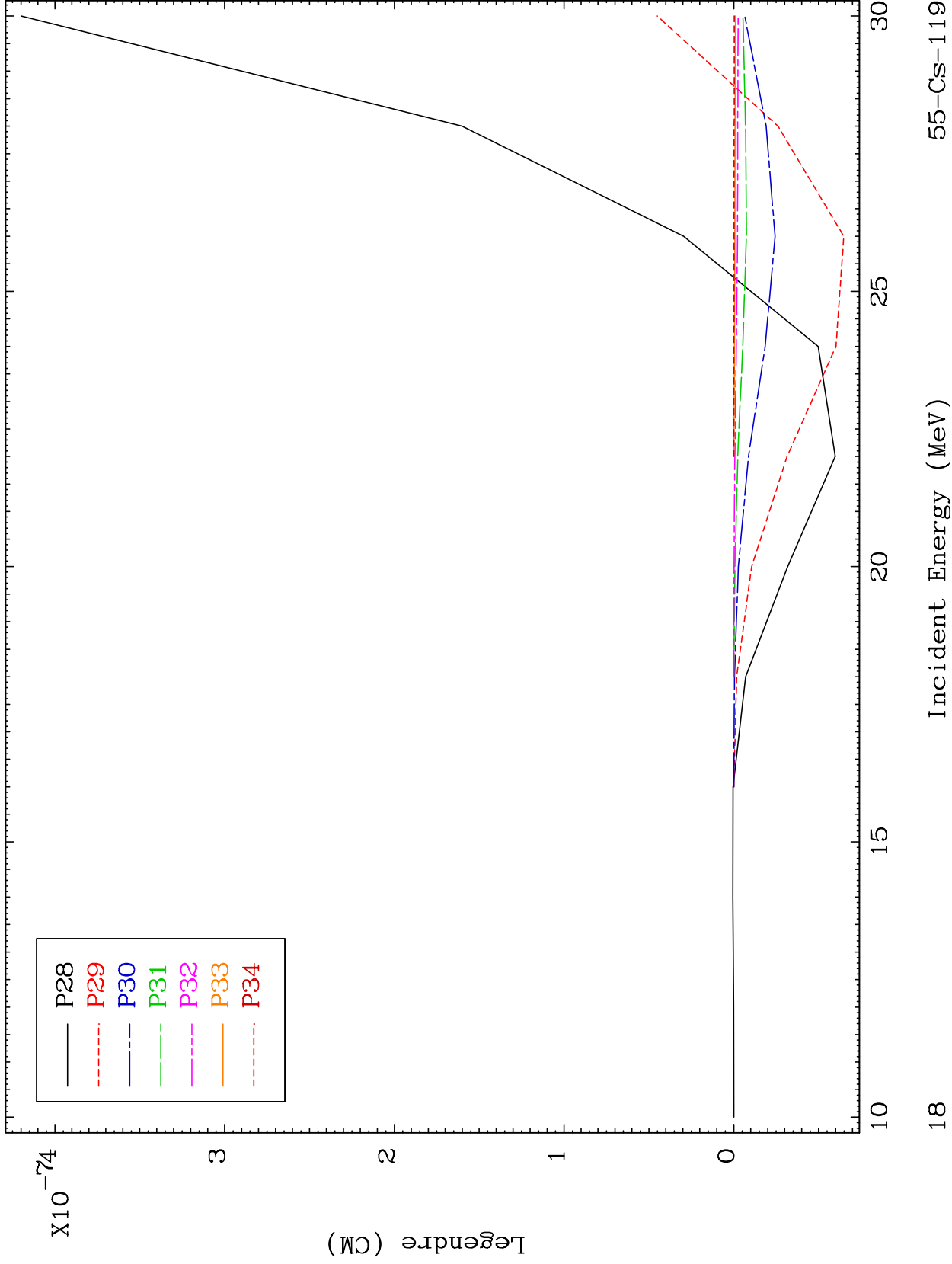
Incident Energy (MeV)

55-Cs-119

MAT 5483

Elastic Legendre Coefficients

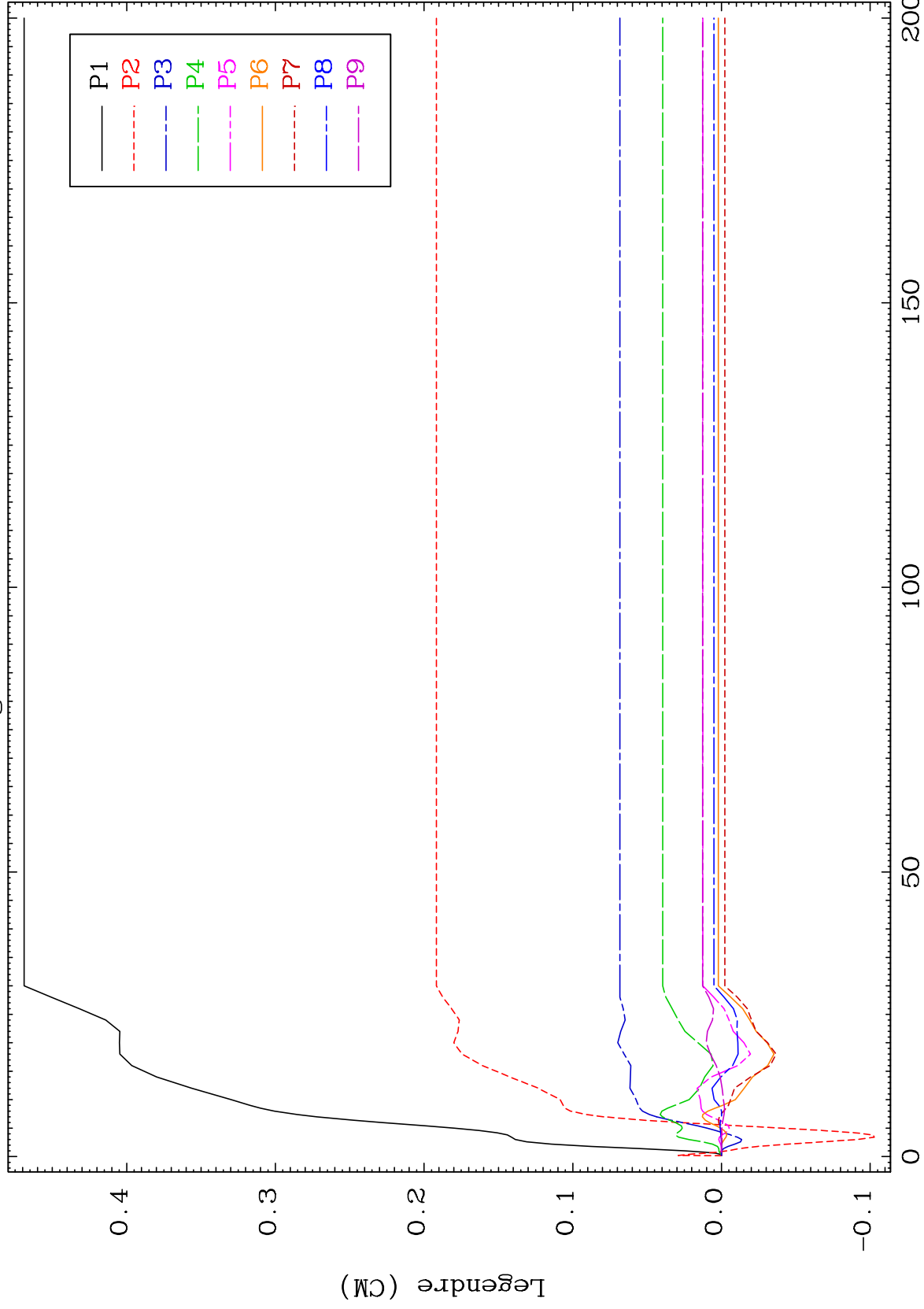
55-Cs-119



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150.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



55-Cs-119

Incident Energy (MeV)

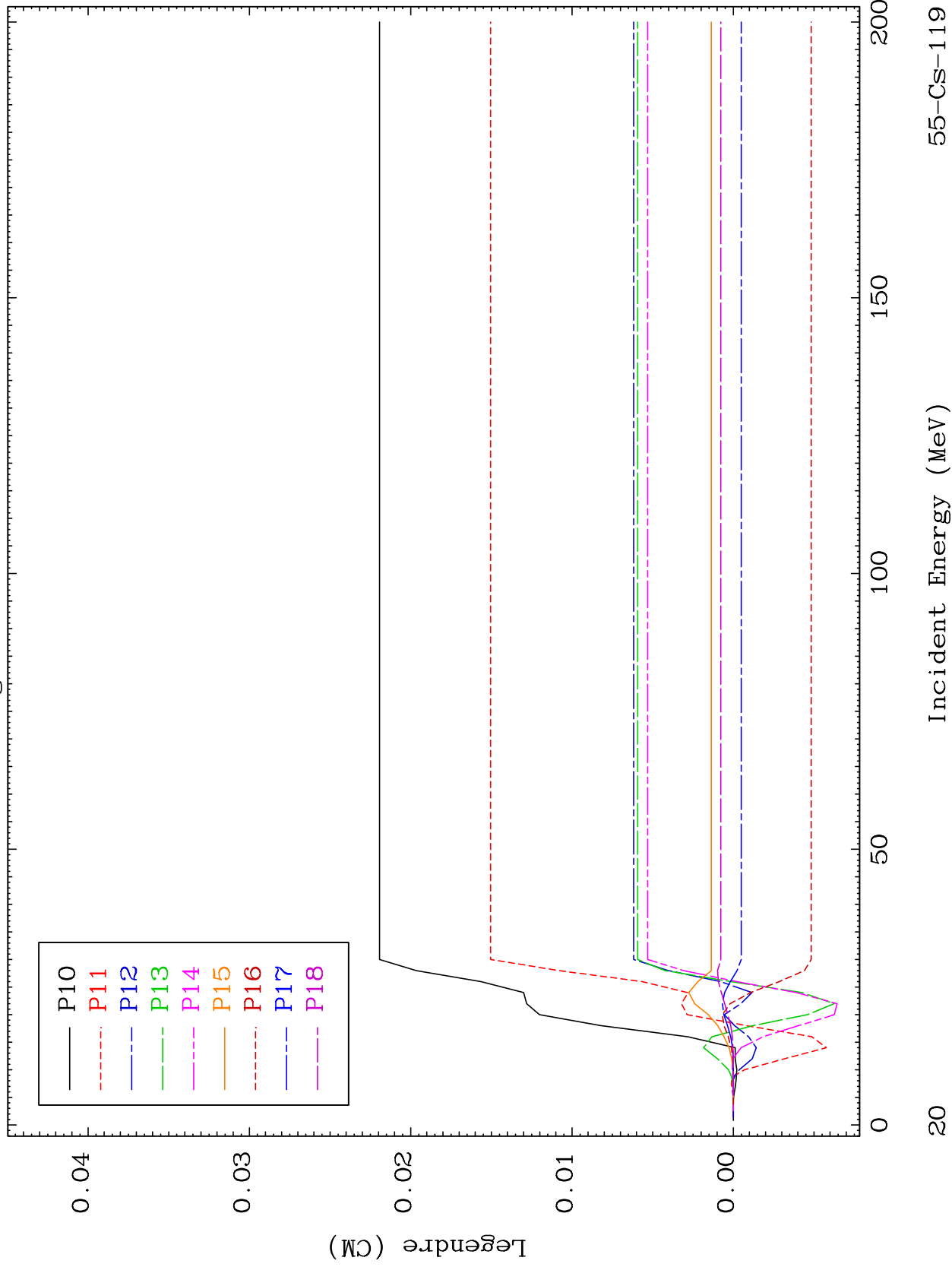
19

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150.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-119

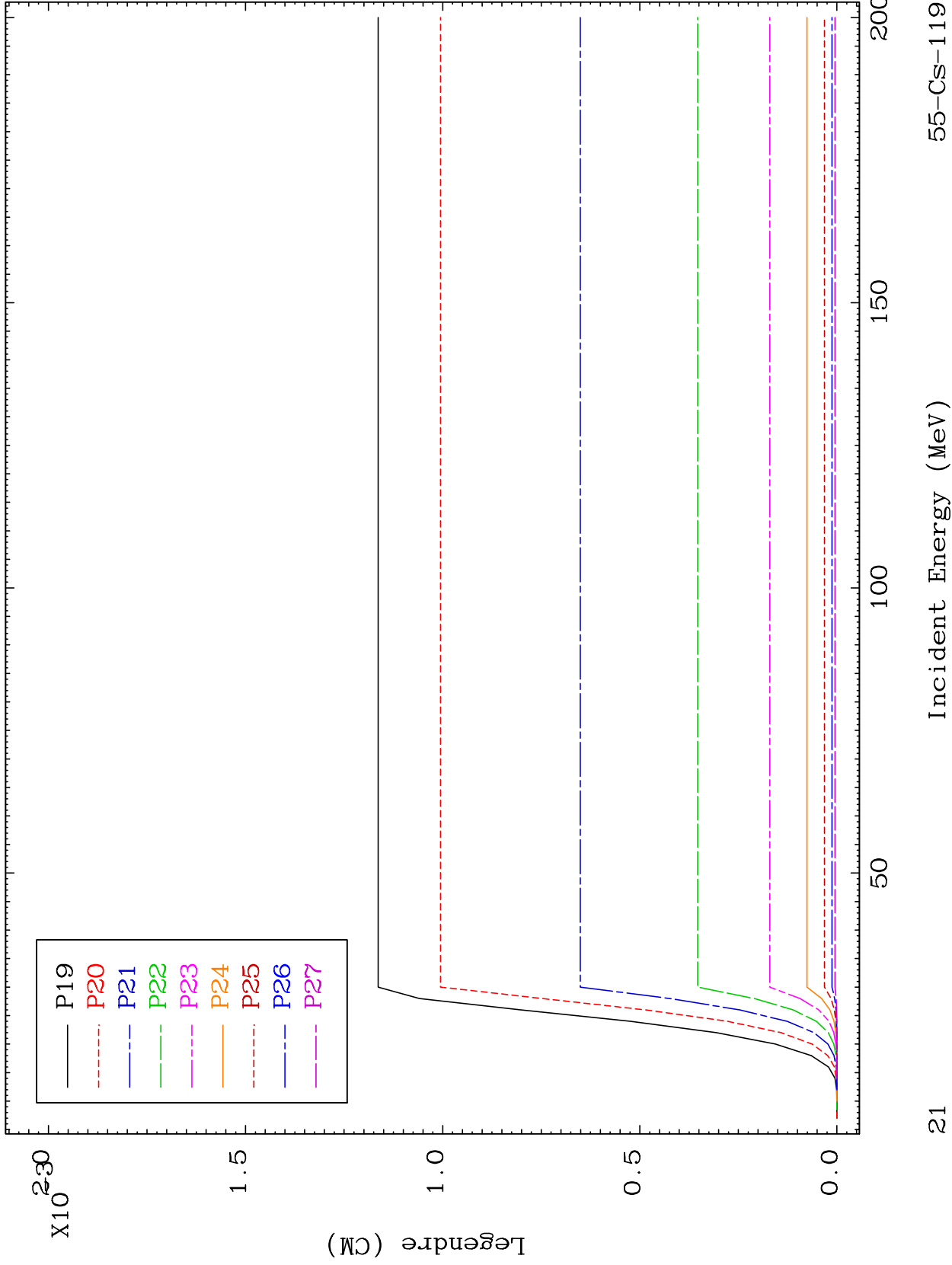
55-Cs-119



MAT 5483

150.0 keV (n,n') Level  
Legendre Coefficients

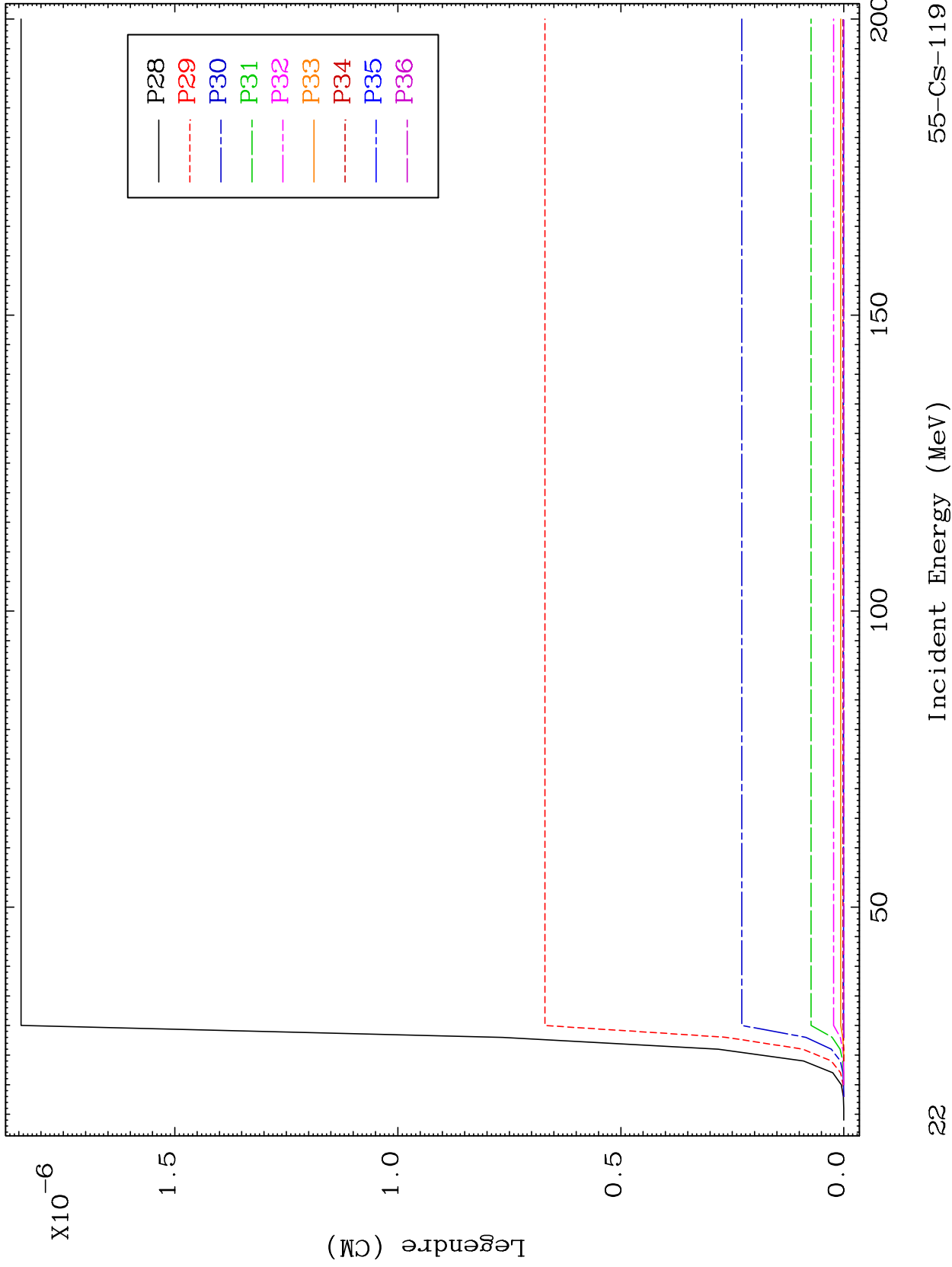
55-Cs-119



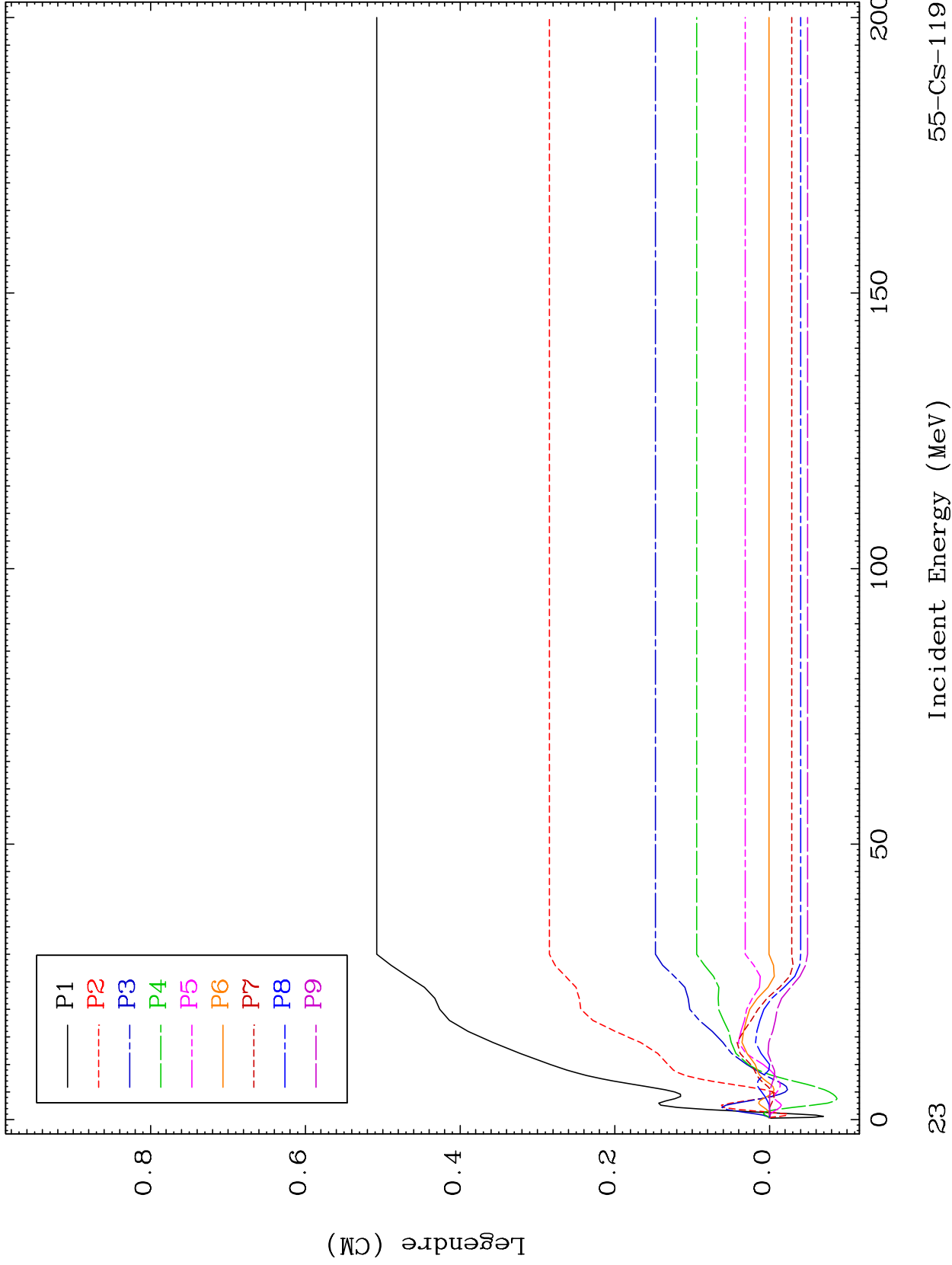
MAT 5483

150.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



22

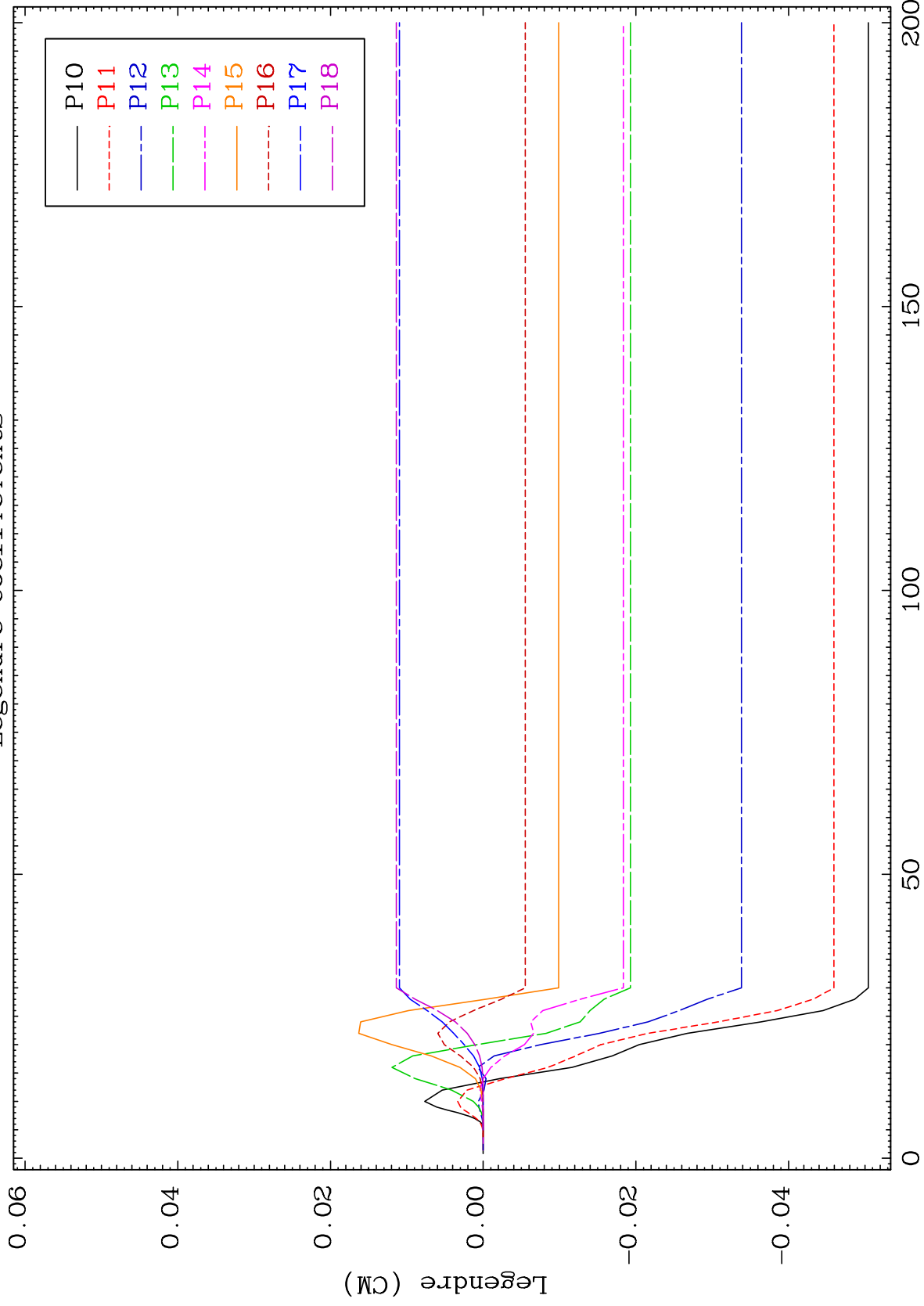




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239.7 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



24

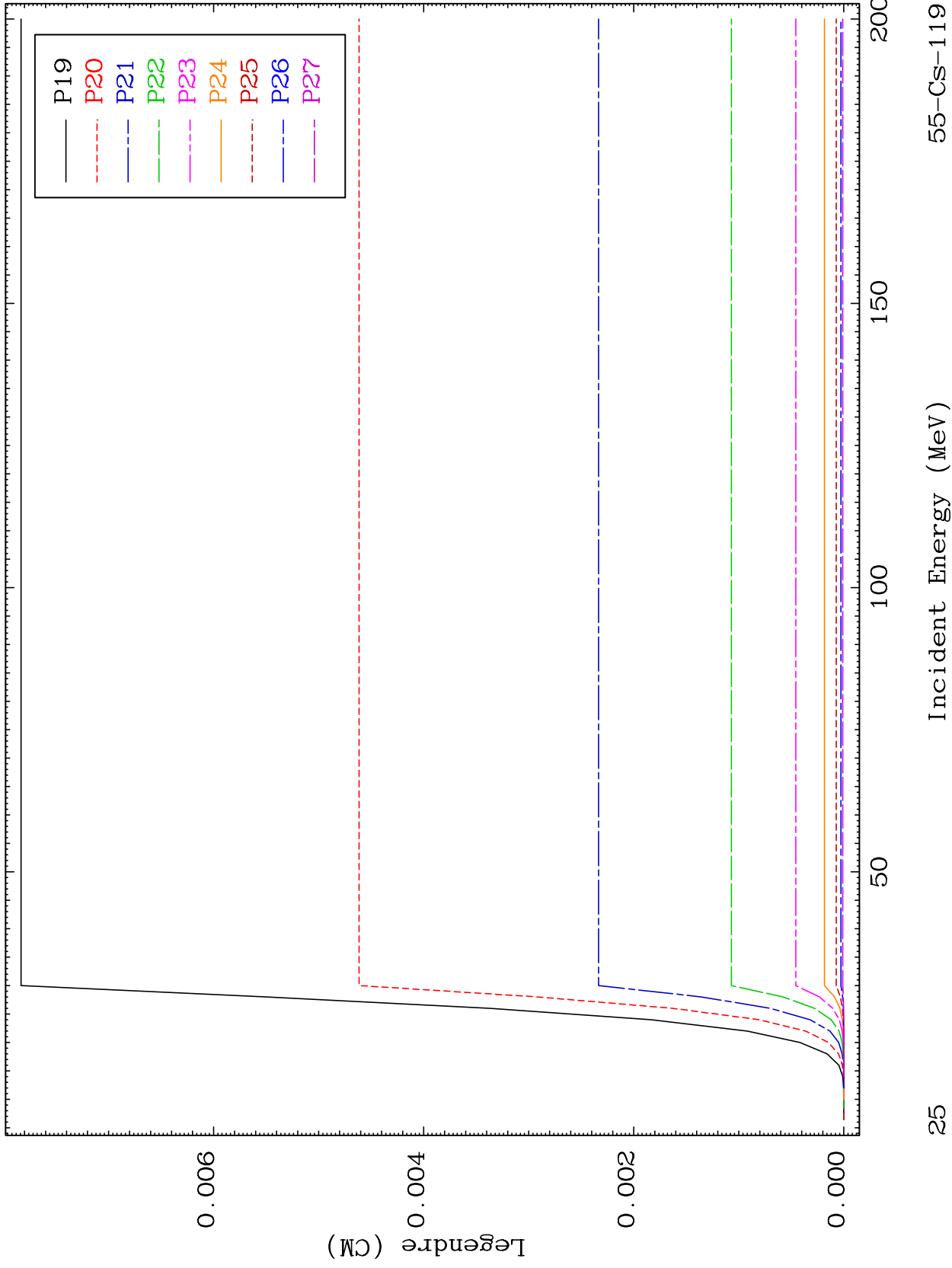
Incident Energy (MeV)

55-Cs-119

MAT 5483

239.7 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



25

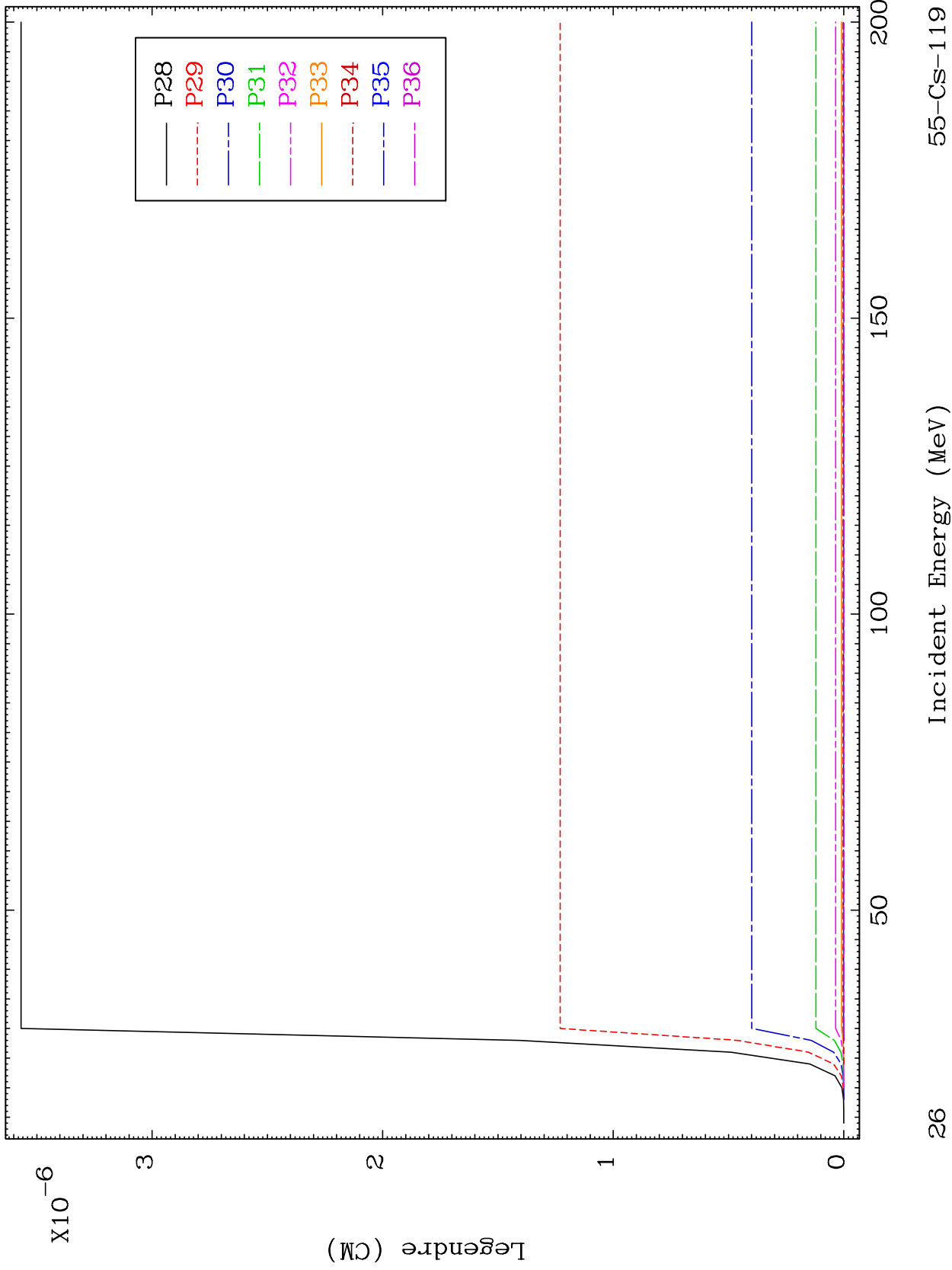
Incident Energy (MeV)

55-Cs-119

MAT 5483

239.7 keV (n,n') Level  
Legendre Coefficients

55-Cs-119

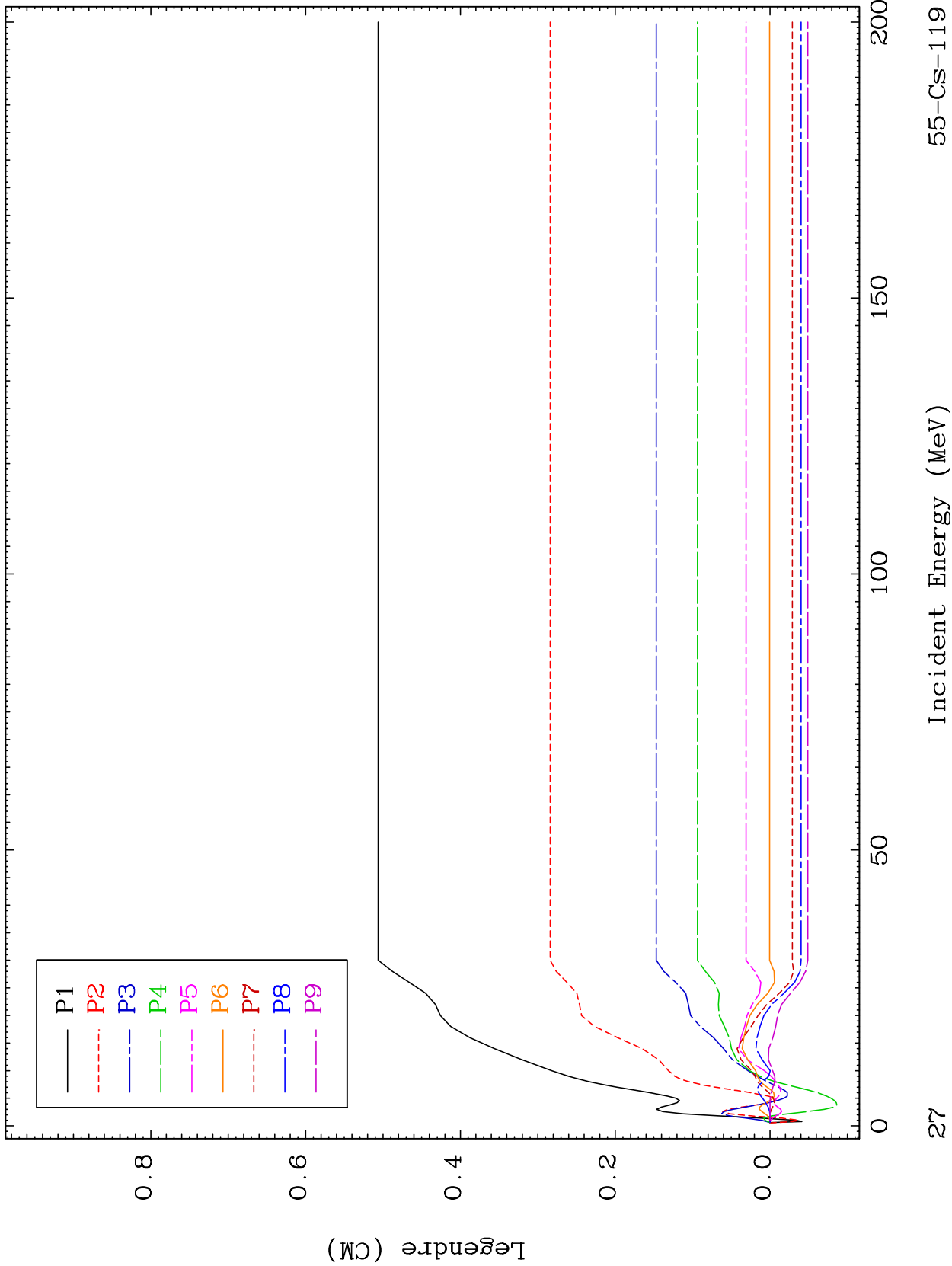


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509.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



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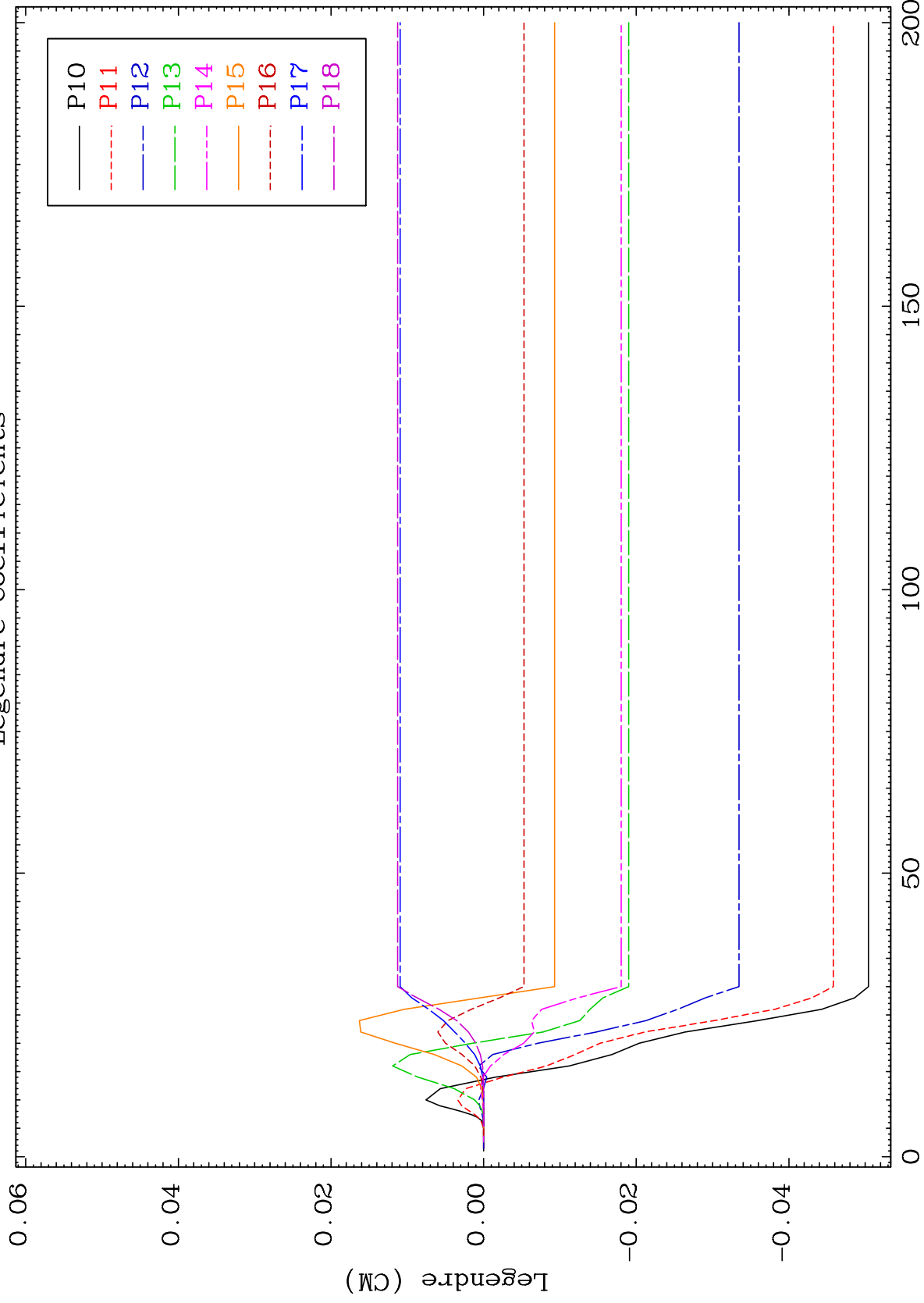
Incident Energy (MeV)

55-Cs-119

MAT 5483

509.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



28

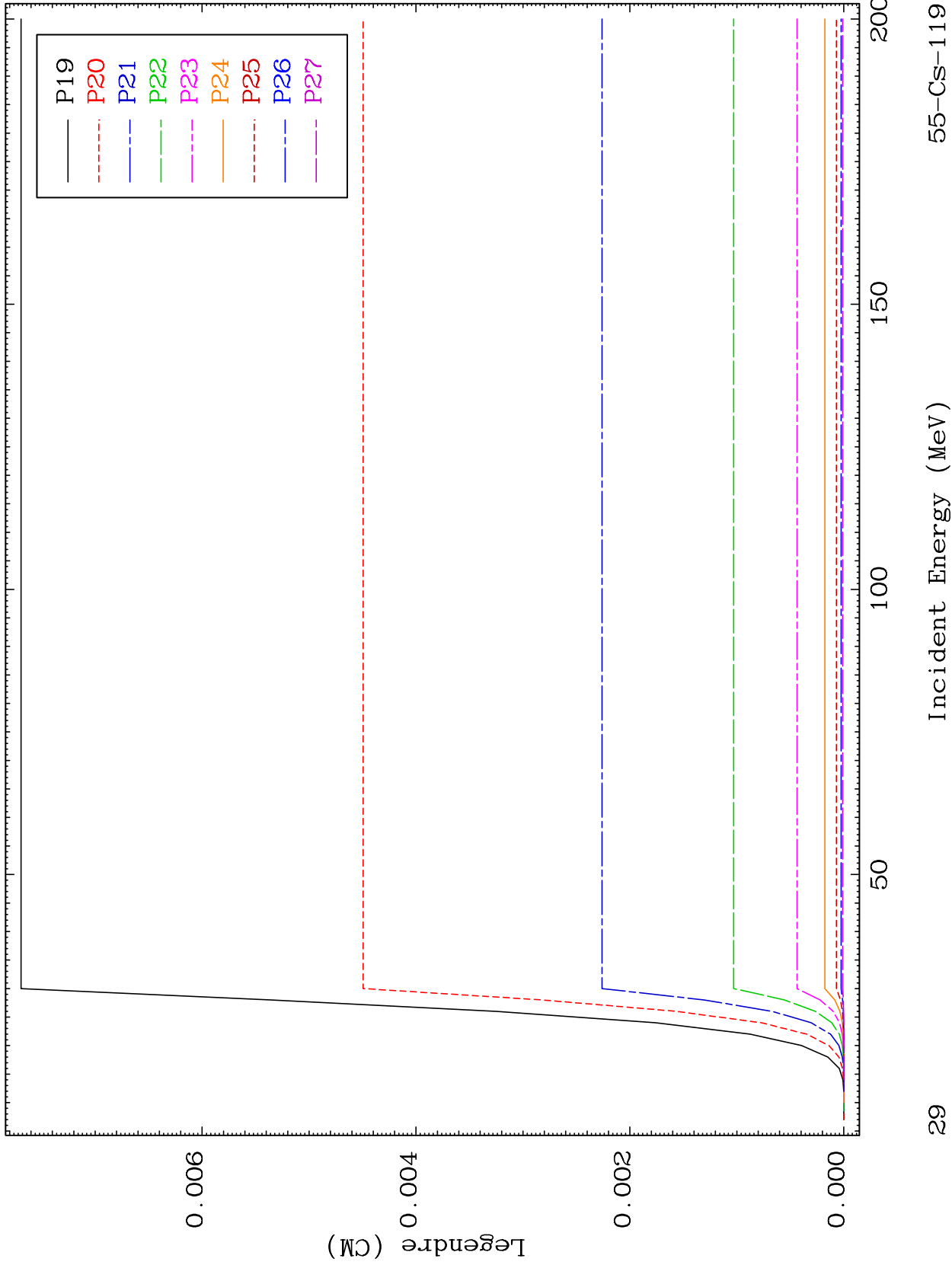
Incident Energy (MeV)

55-Cs-119

MAT 5483

509.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-119



29

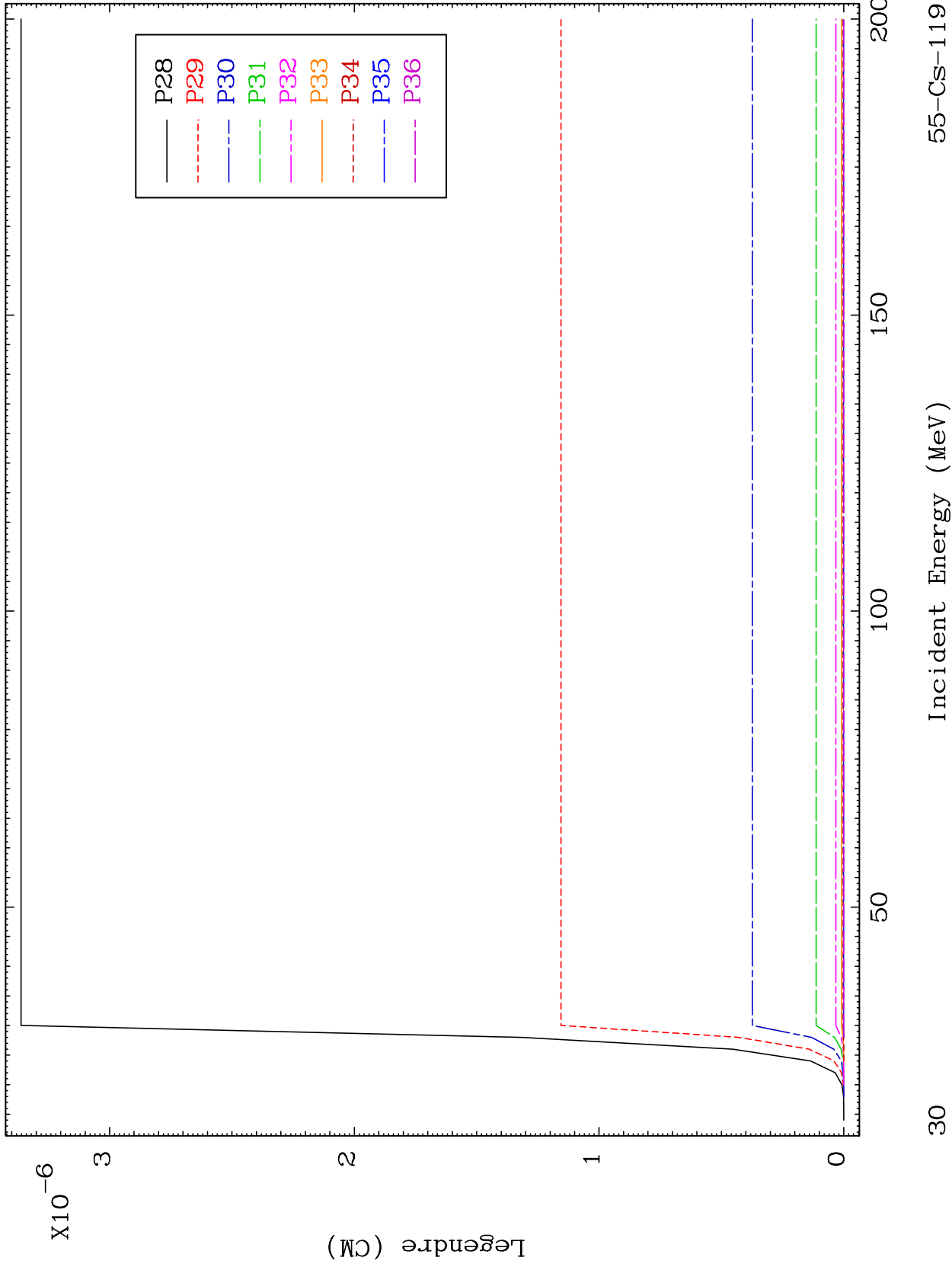
Incident Energy (MeV)

55-Cs-119

MAT 5483

509.3 keV (n,n') Level  
Legendre Coefficients

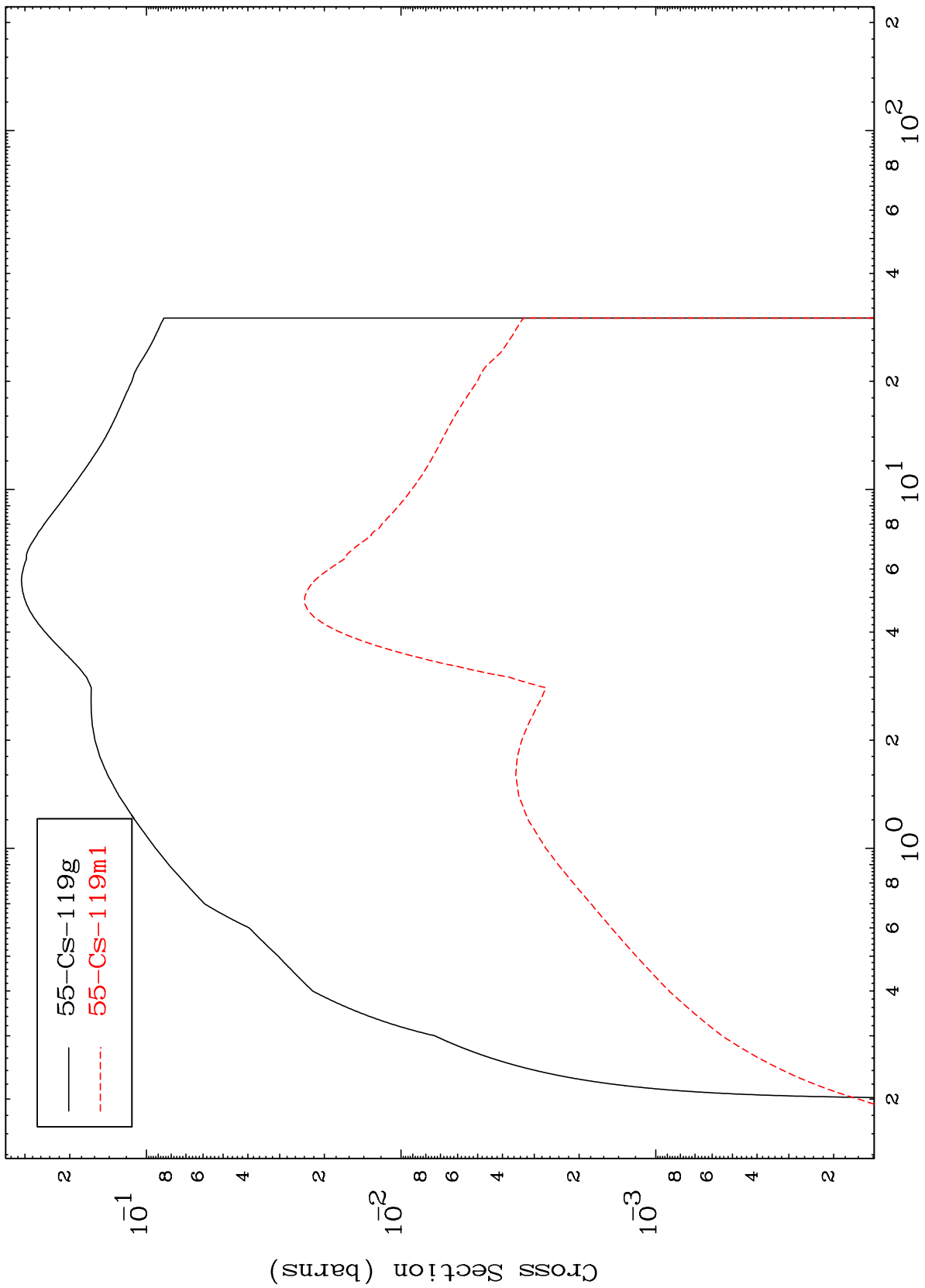
55-Cs-119



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55-Cs-119

Inelastic  
Radionuclide Production Cross Section



31

55-Cs-119

Incident Energy (MeV)

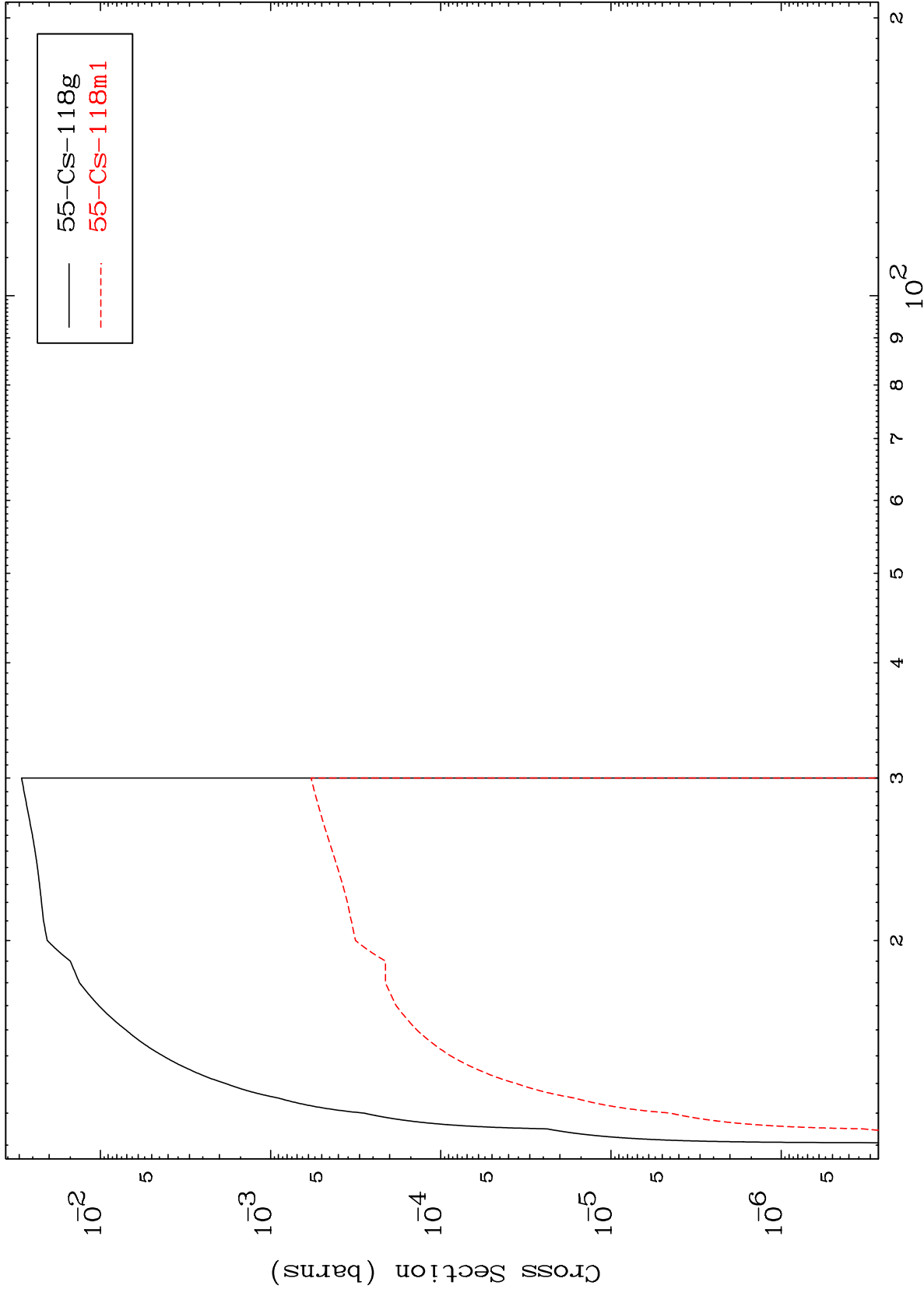


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(n,2n)

55-Cs-119

Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-119

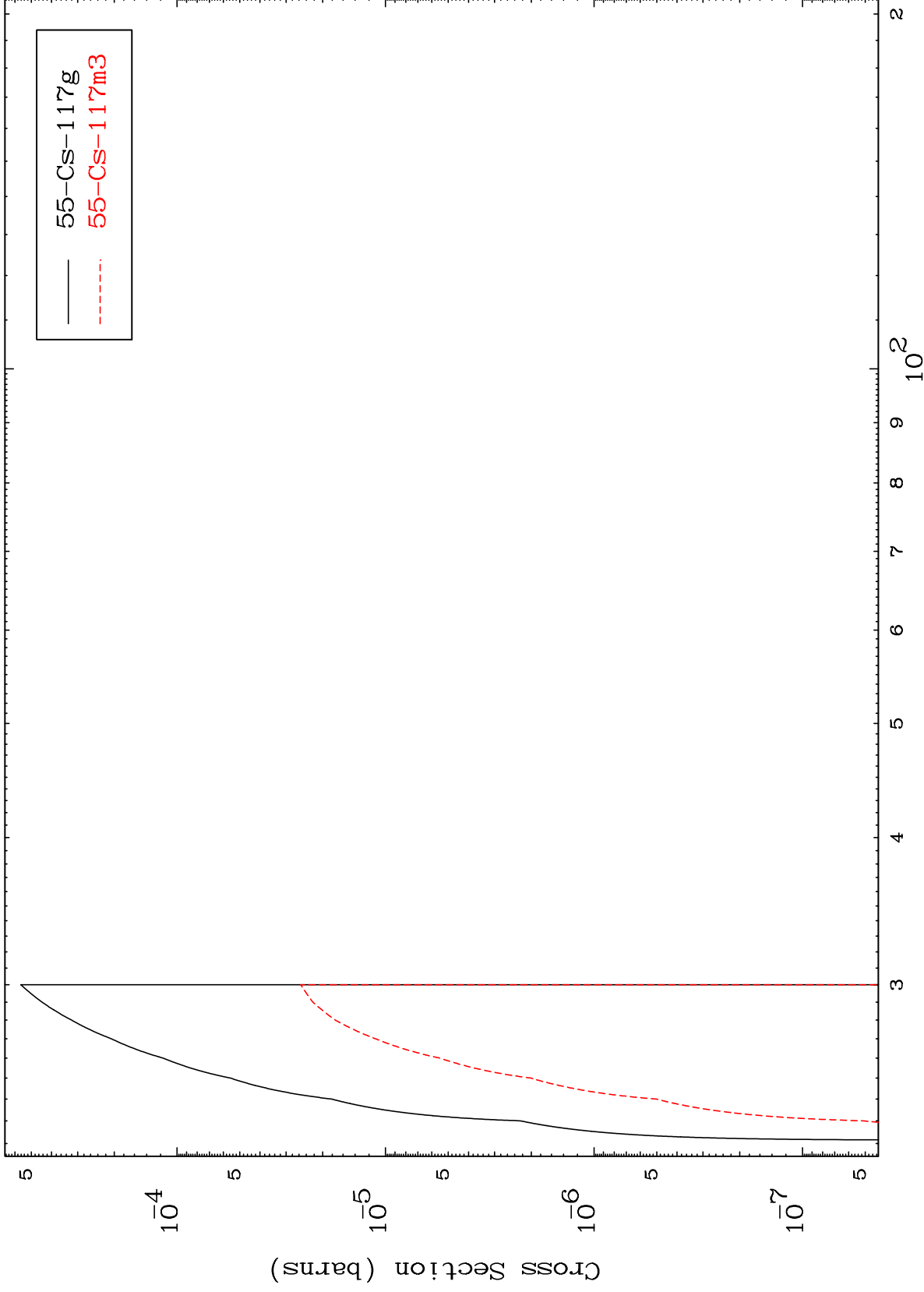
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(n,3n)

55-Cs-119

Radionuclide Production Cross Section



33

Incident Energy (MeV)

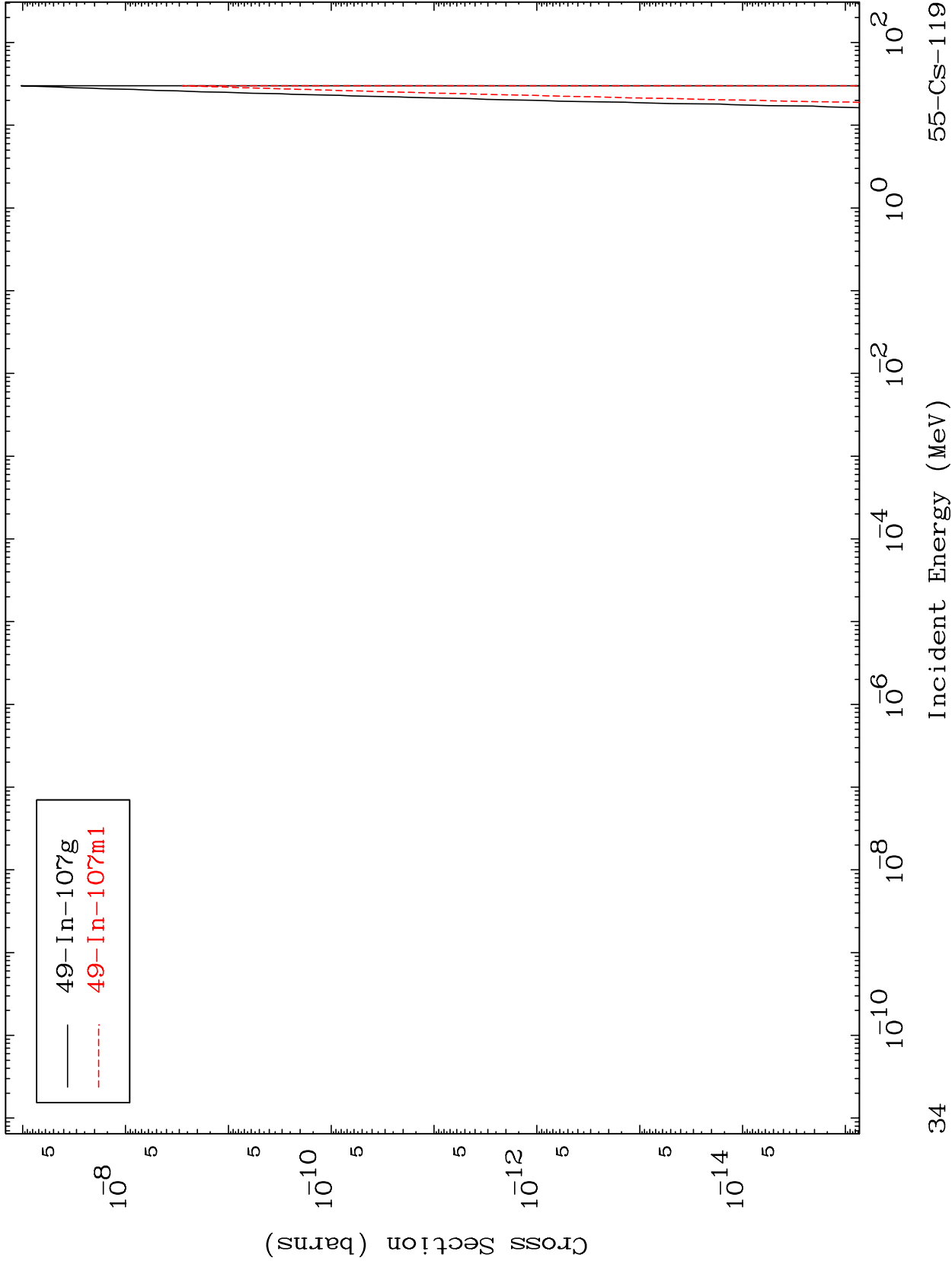
55-Cs-119

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(n,n') 3α

55-Cs-119

Radionuclide Production Cross Section

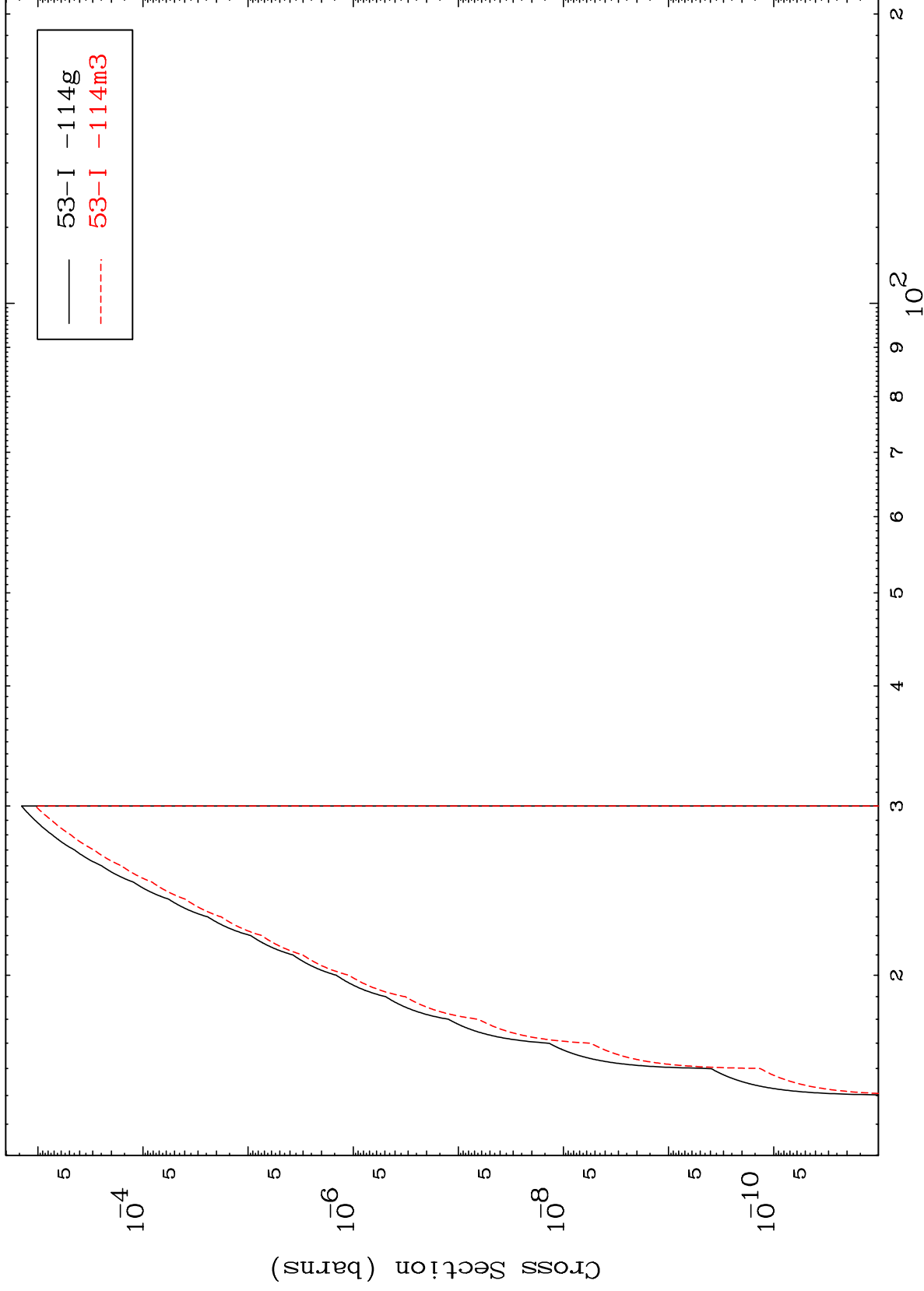


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$(n,2n) \alpha$

55-Cs-119

Radionuclide Production Cross Section



35

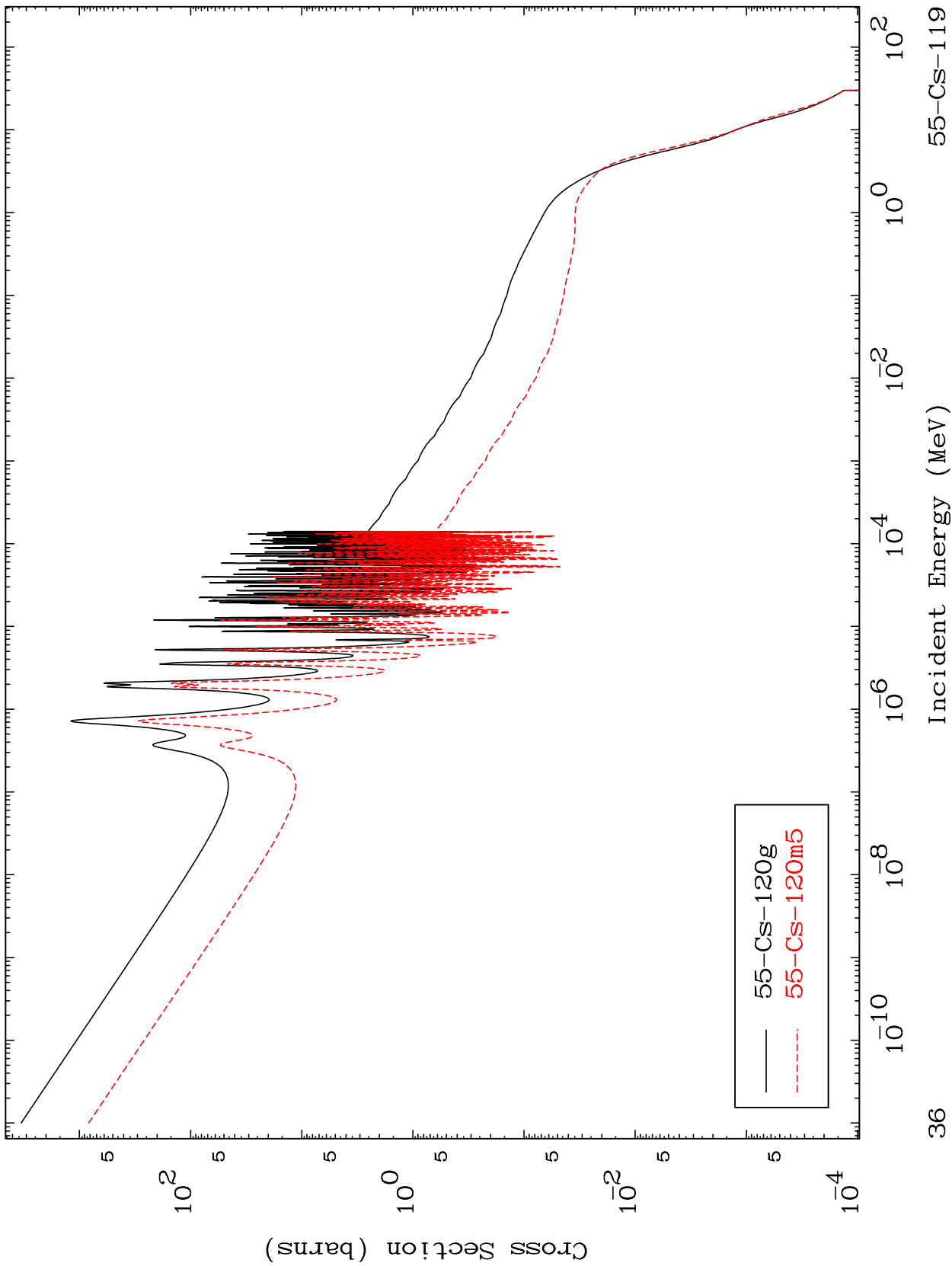
Incident Energy (MeV)

55-Cs-119

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55-Cs-119

(n,γ)  
Radionuclide Production Cross Section

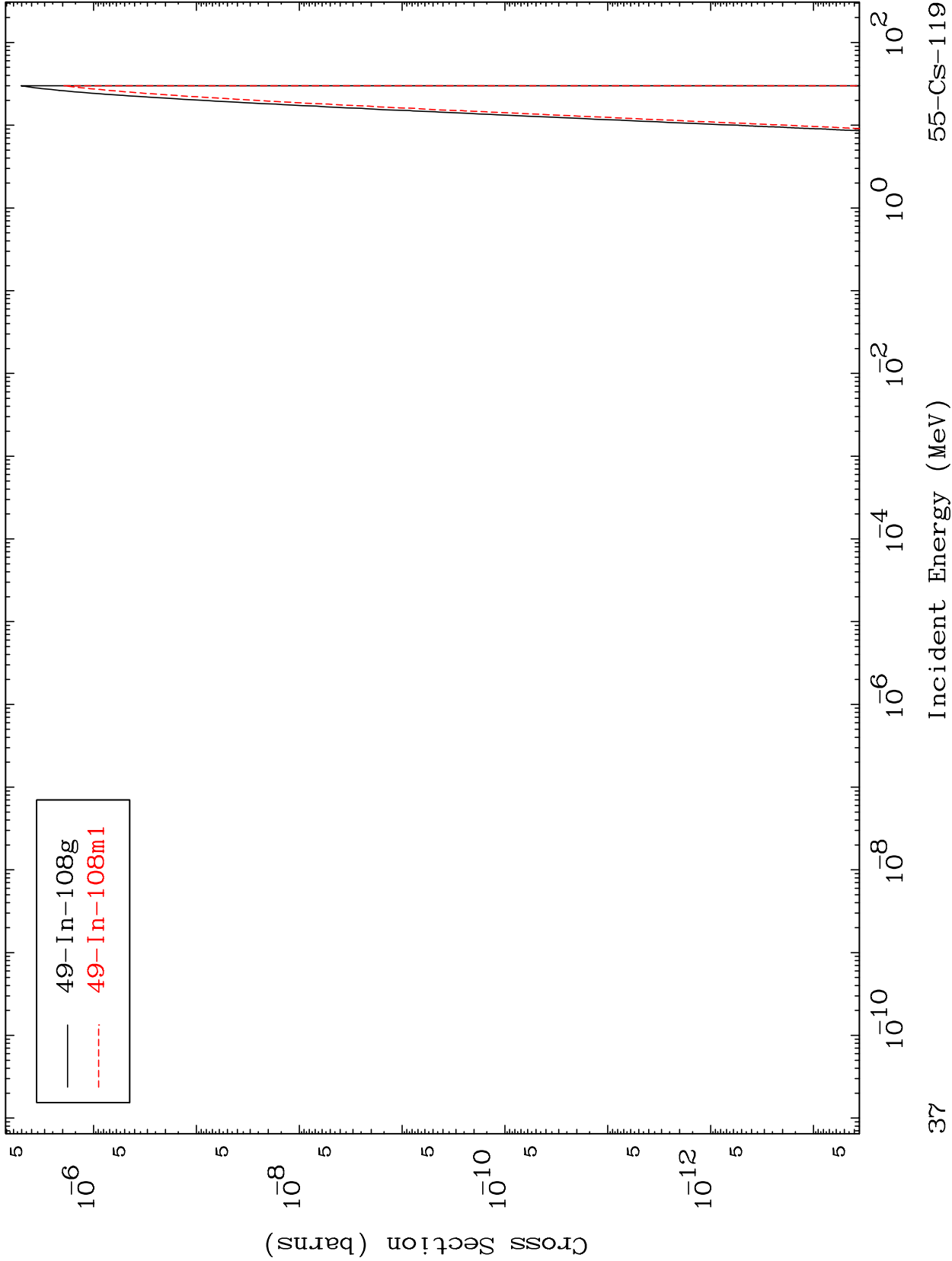


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(n,3 $\alpha$ )

55-Cs-119

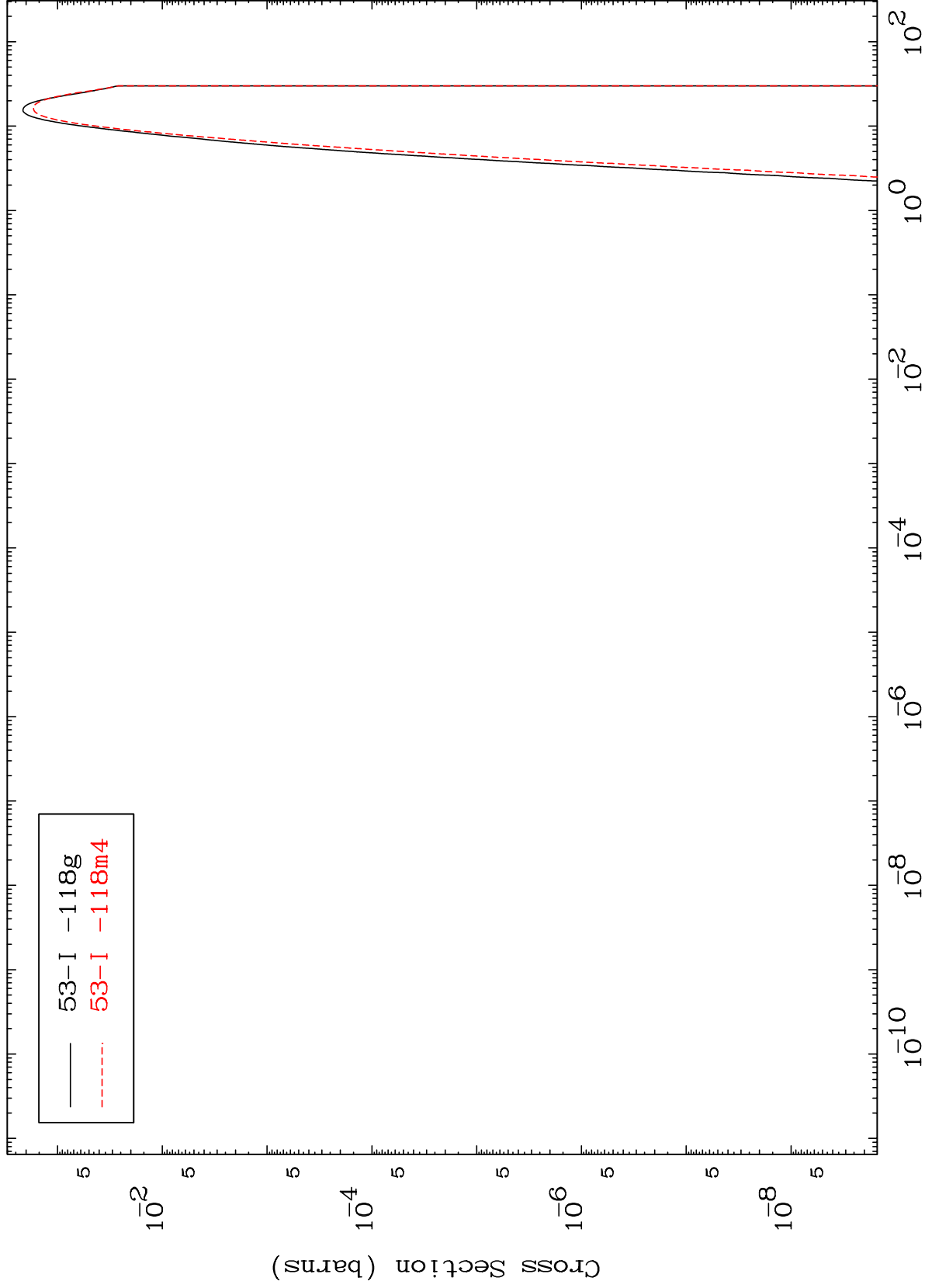
Radionuclide Production Cross Section



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55-Cs-119

(n,2p)  
Radionuclide Production Cross Section



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(n,p)  $\alpha$

55-Cs-119

Radionuclide Production Cross Section

