

Program EVALPLOT  
(Version 2018-1)

by

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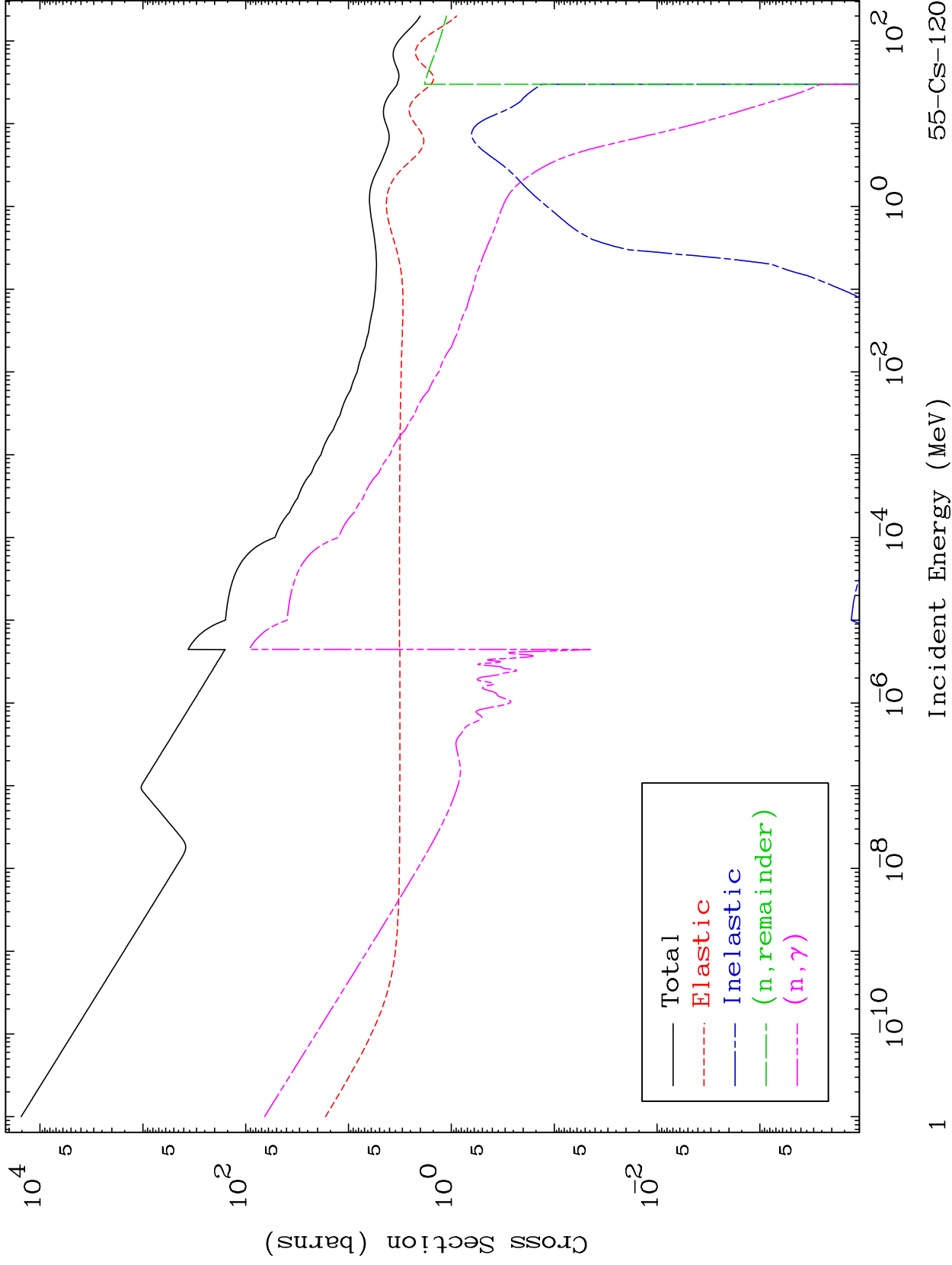
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5487

Major  
293 Kelvin Cross Sections

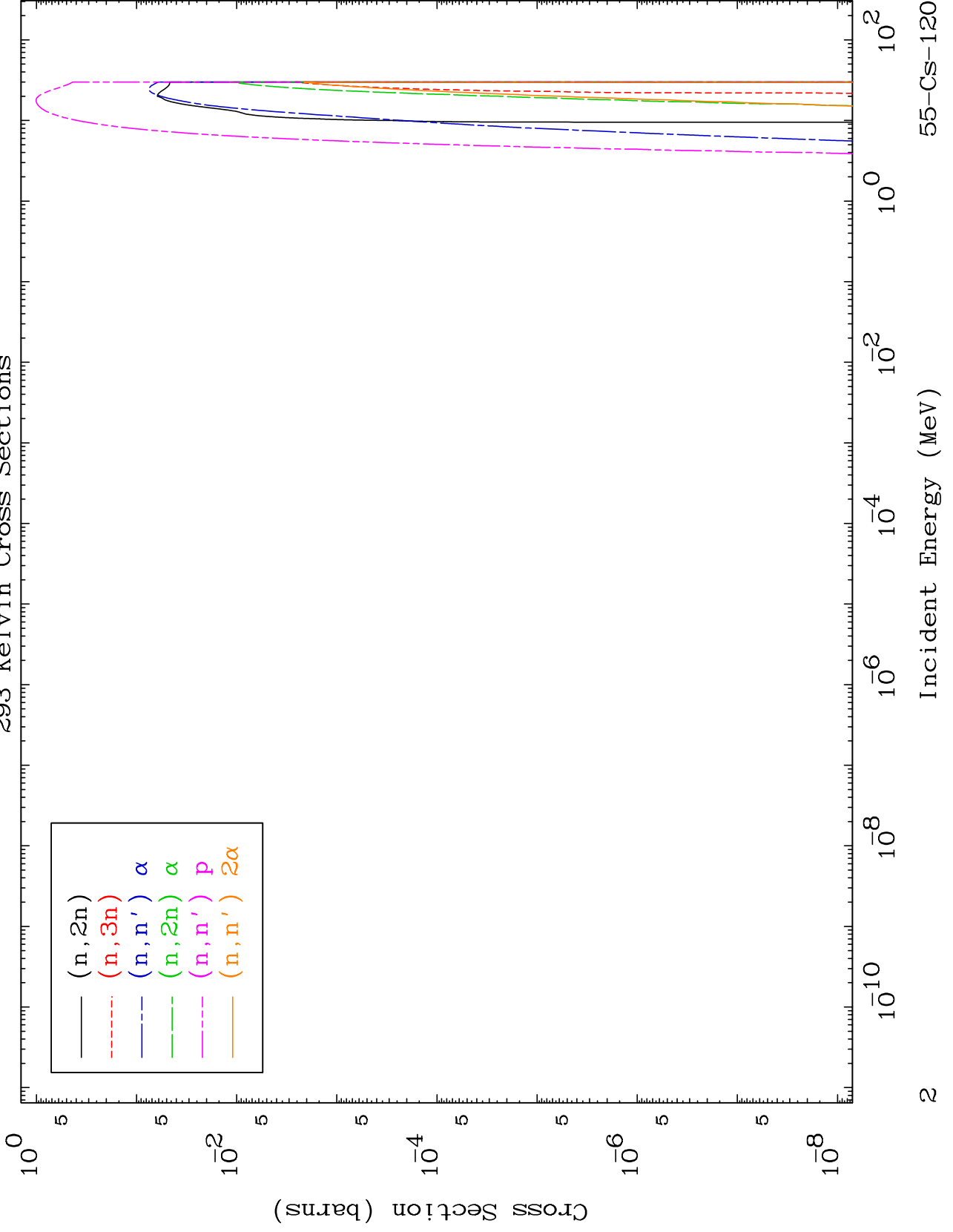
55-Cs-120



MAT 5487

Neutron Production  
293 Kelvin Cross Sections

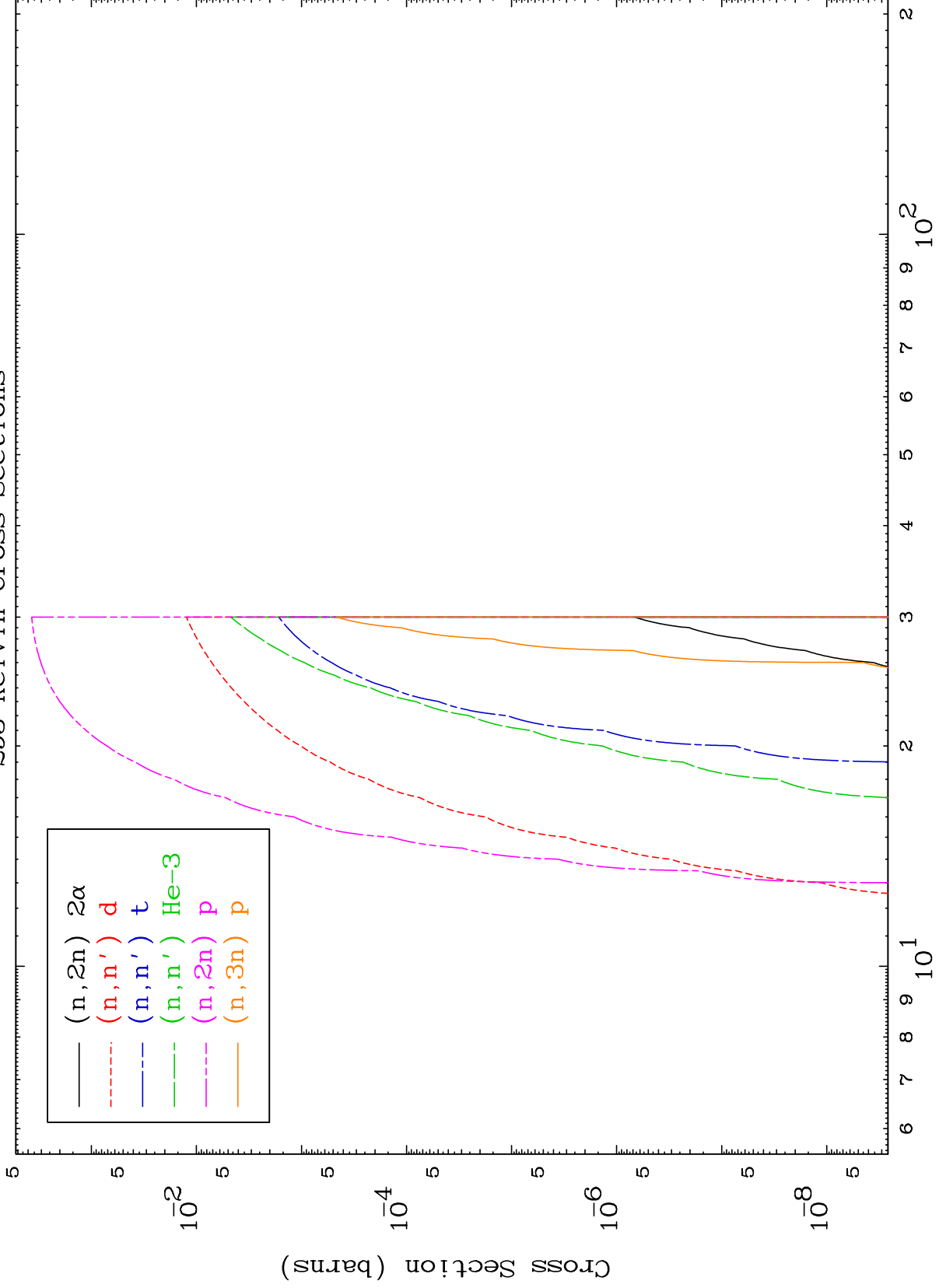
55-Cs-120



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Neutron Production  
293 Kelvin Cross Sections

55-Cs-120



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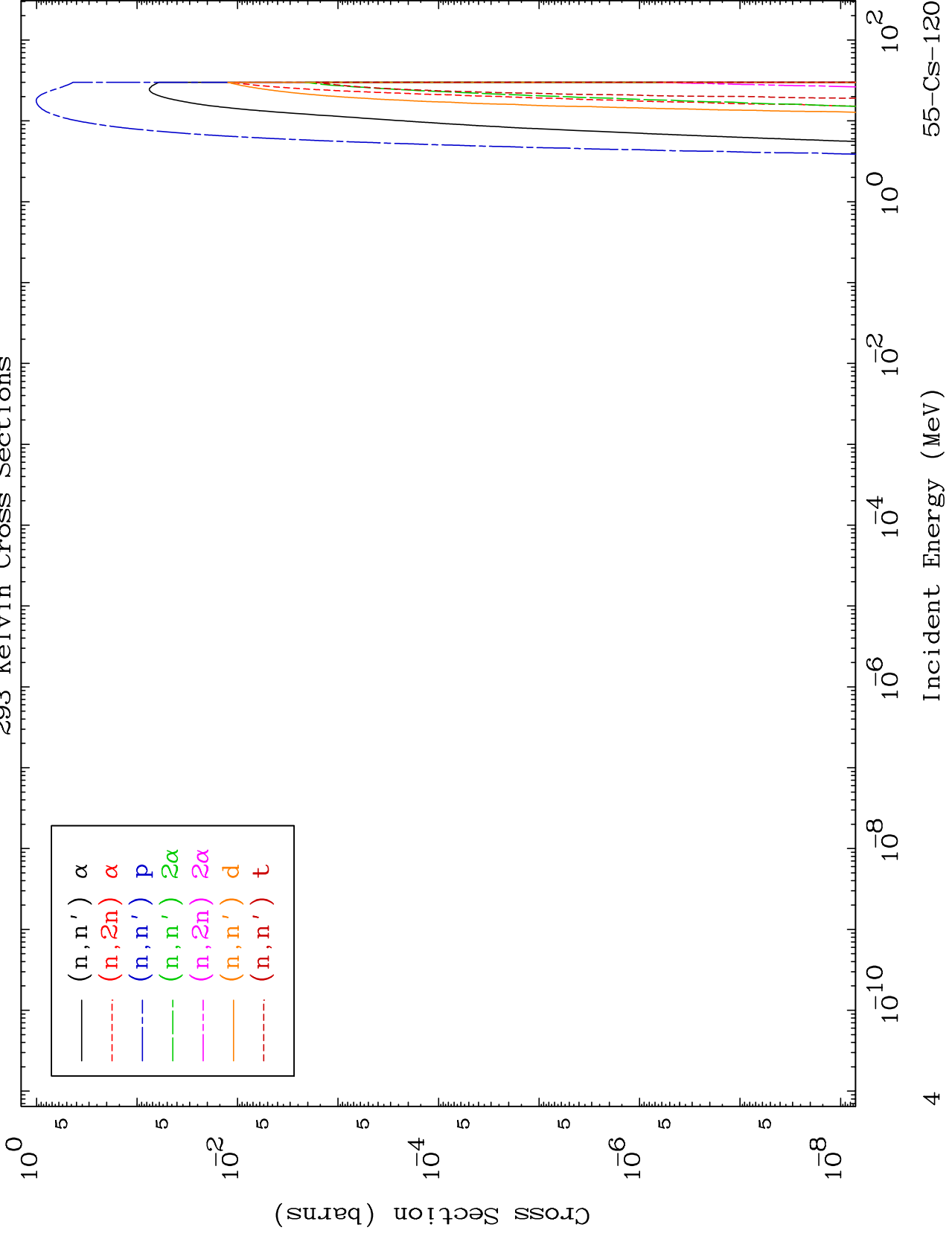
Incident Energy (MeV)

55-Cs-120

MAT 5487

Charged Particle  
293 Kelvin Cross Sections

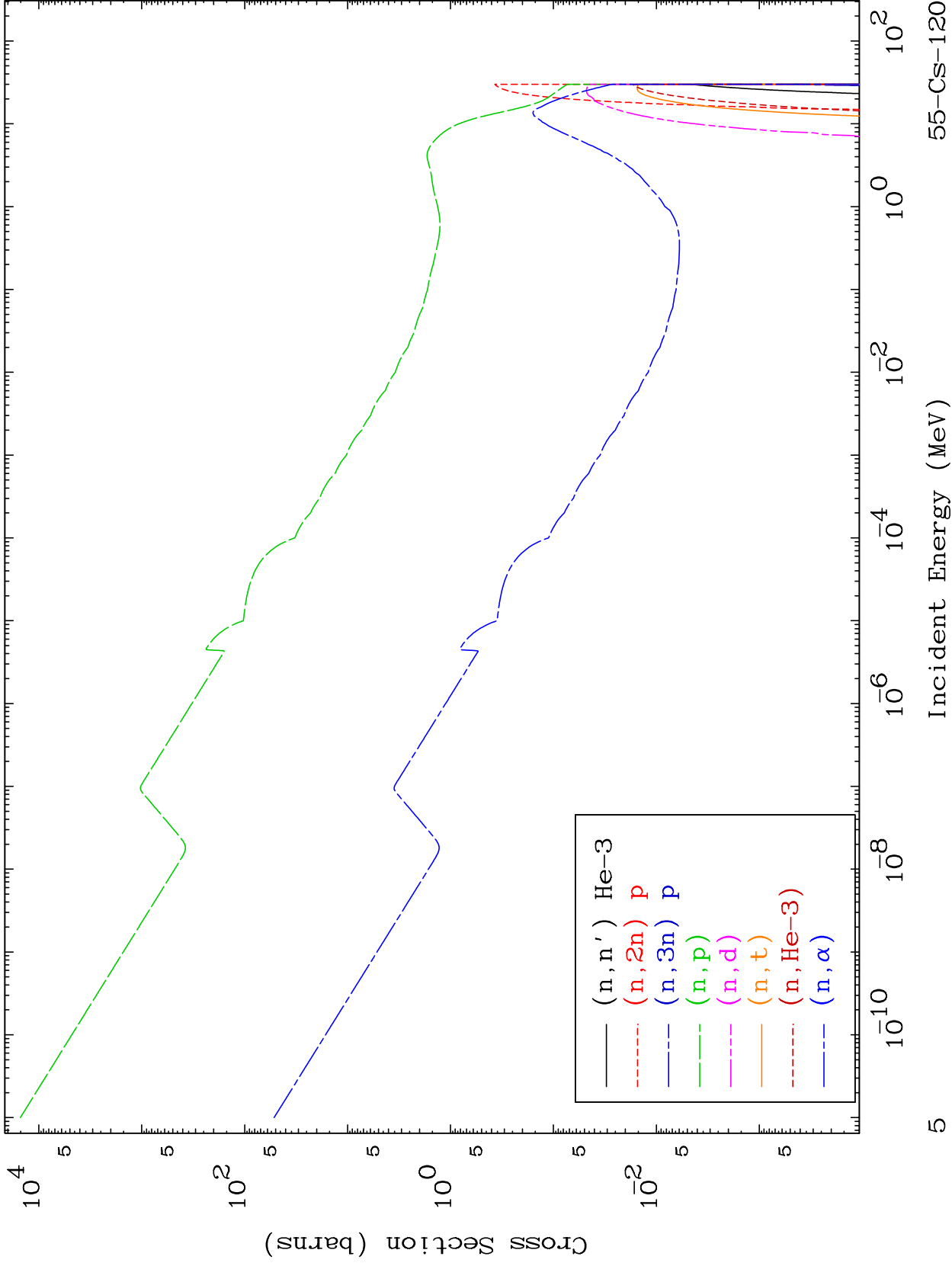
55-Cs-120



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Charged Particle  
293 Kelvin Cross Sections

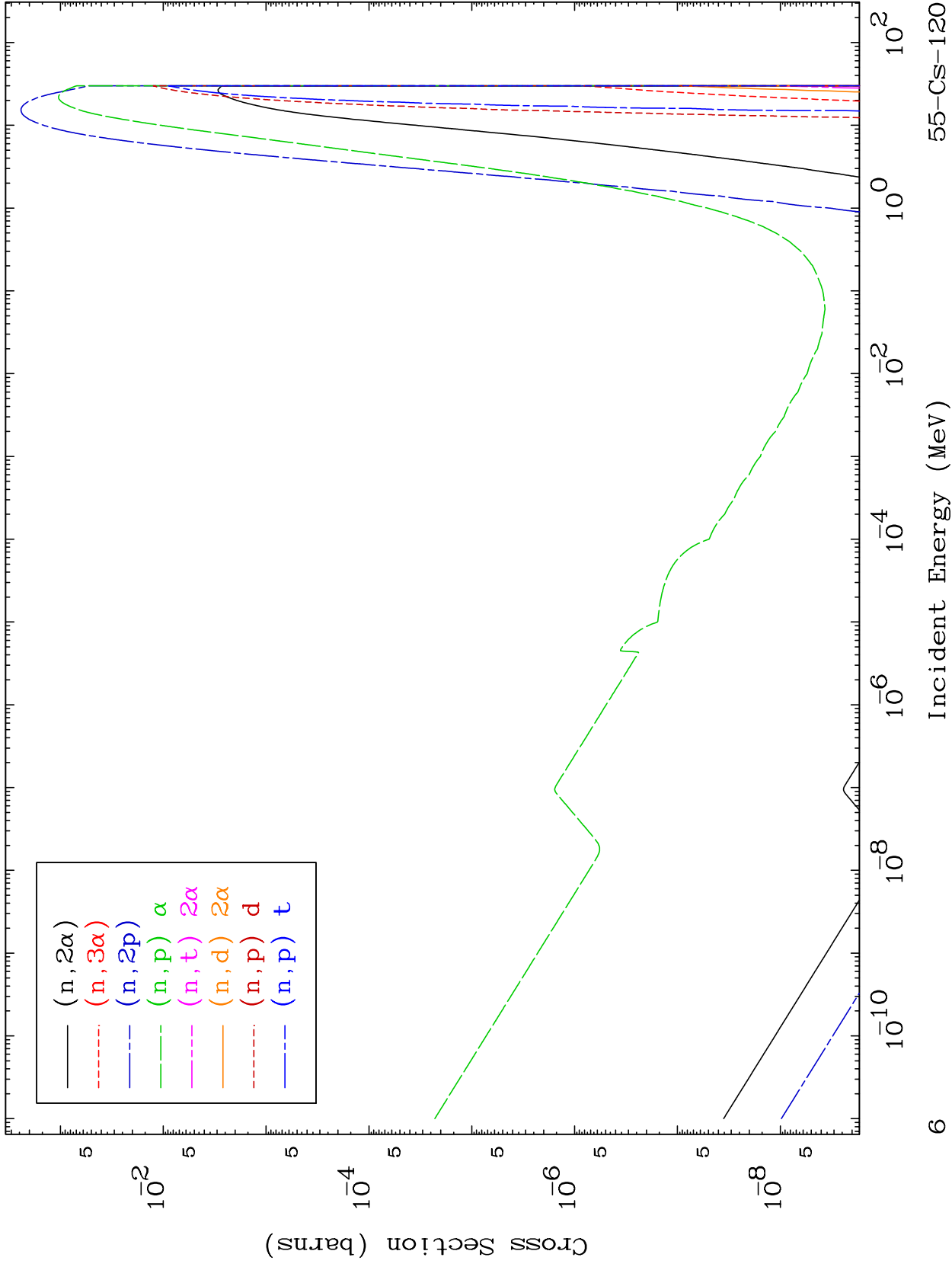
55-Cs-120



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Charged Particle  
293 Kelvin Cross Sections

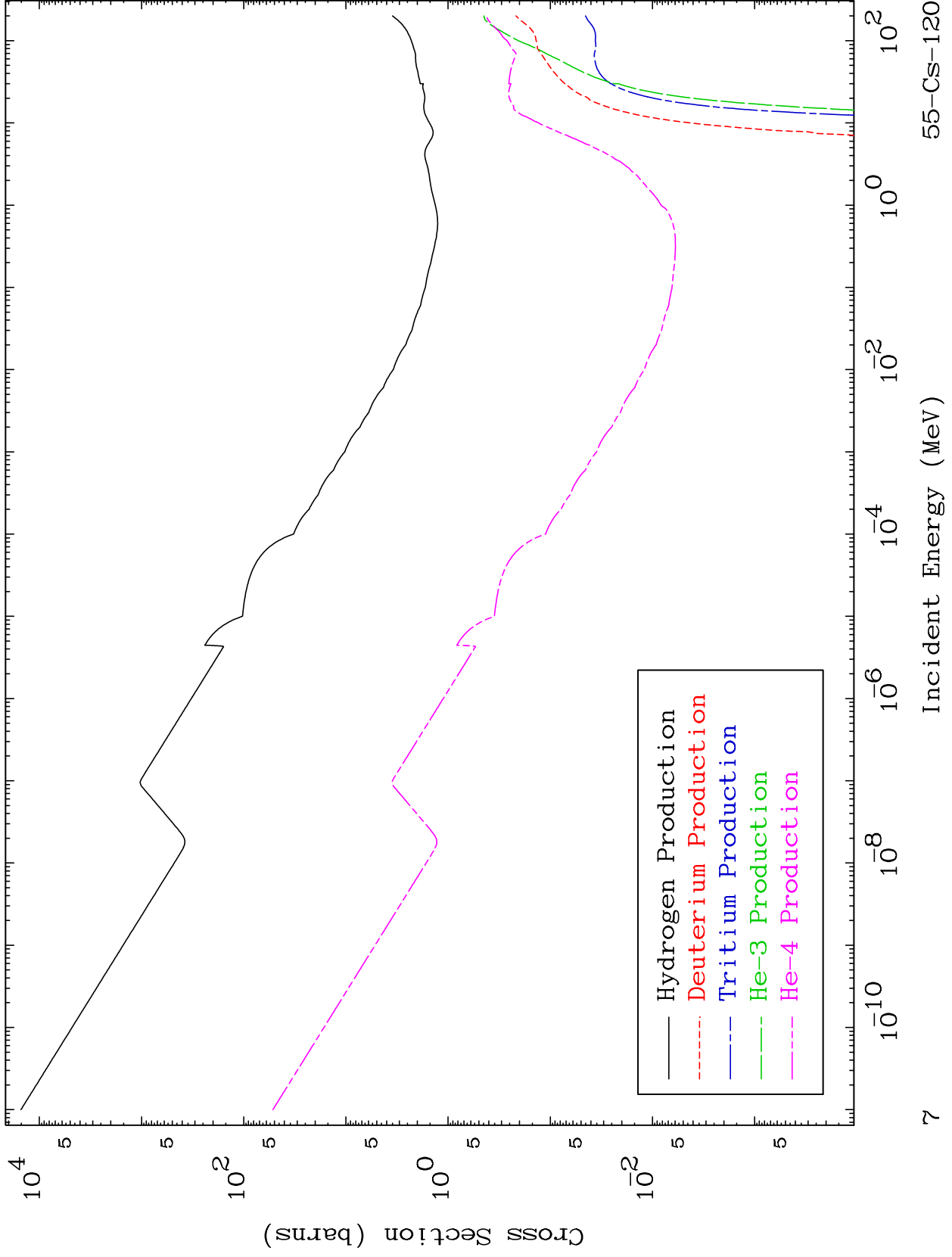
55-Cs-120



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Particle Production  
293 Kelvin Cross Sections

55-Cs-120



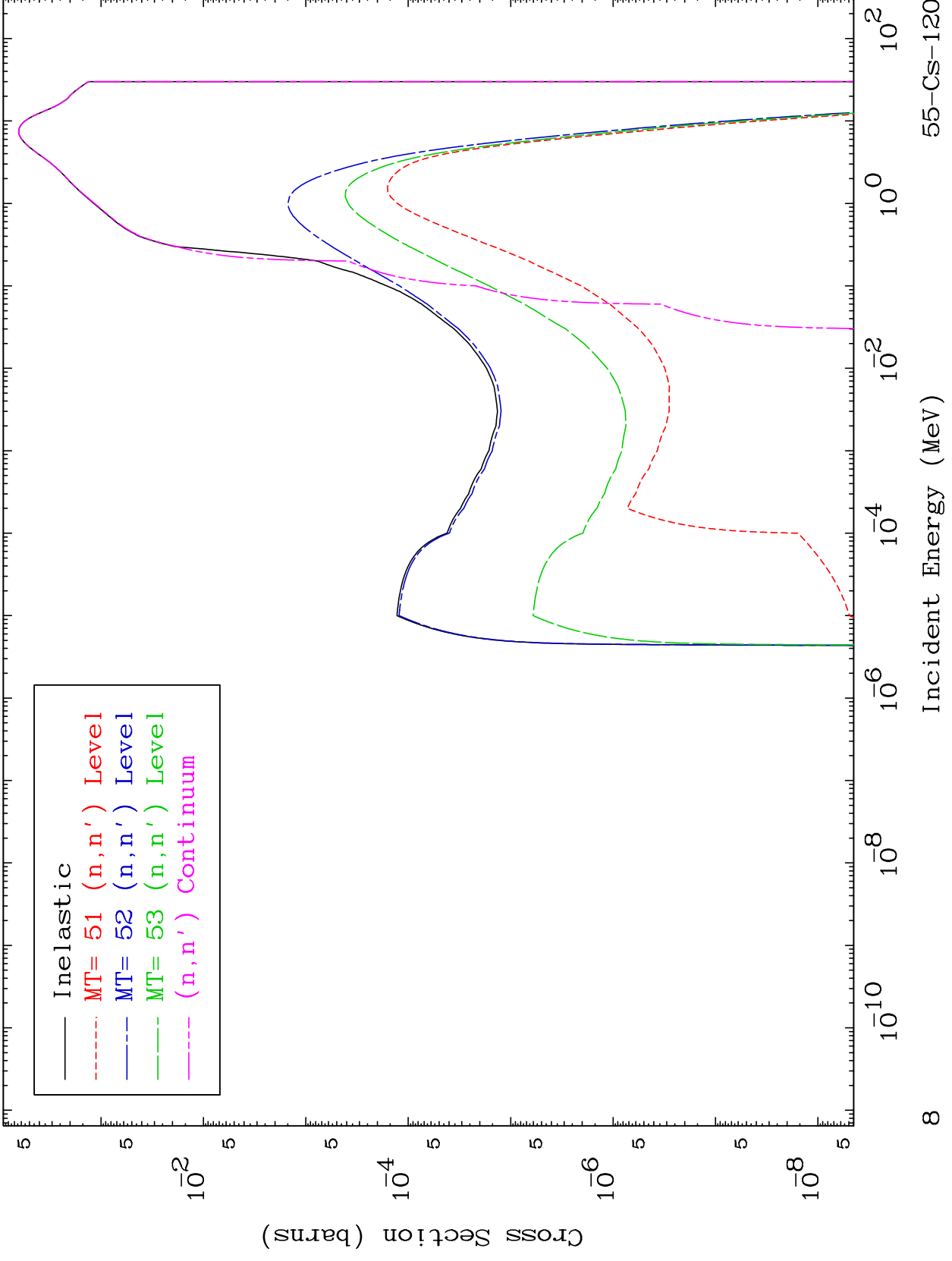


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(n,n') Level

55-Cs-120

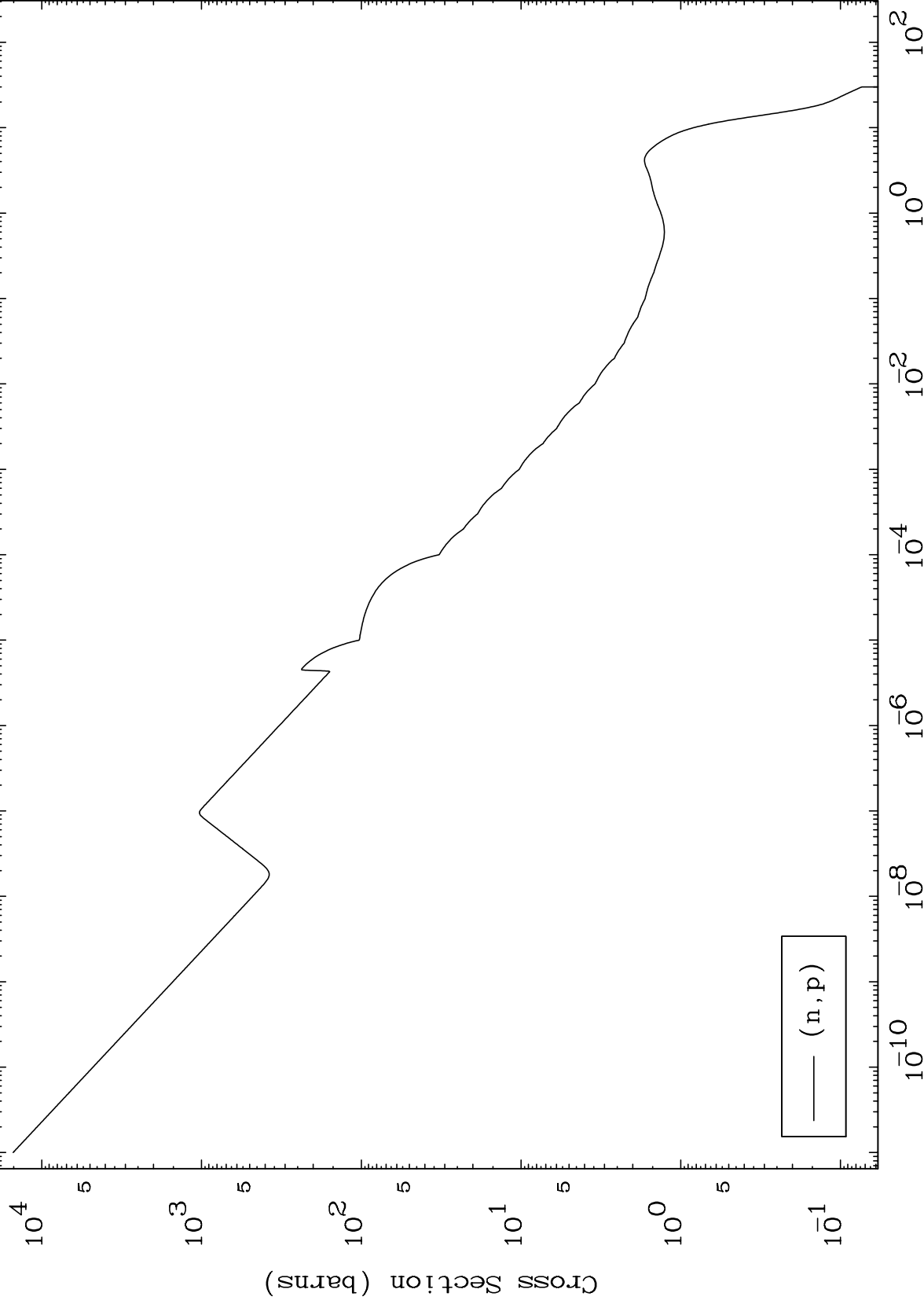
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

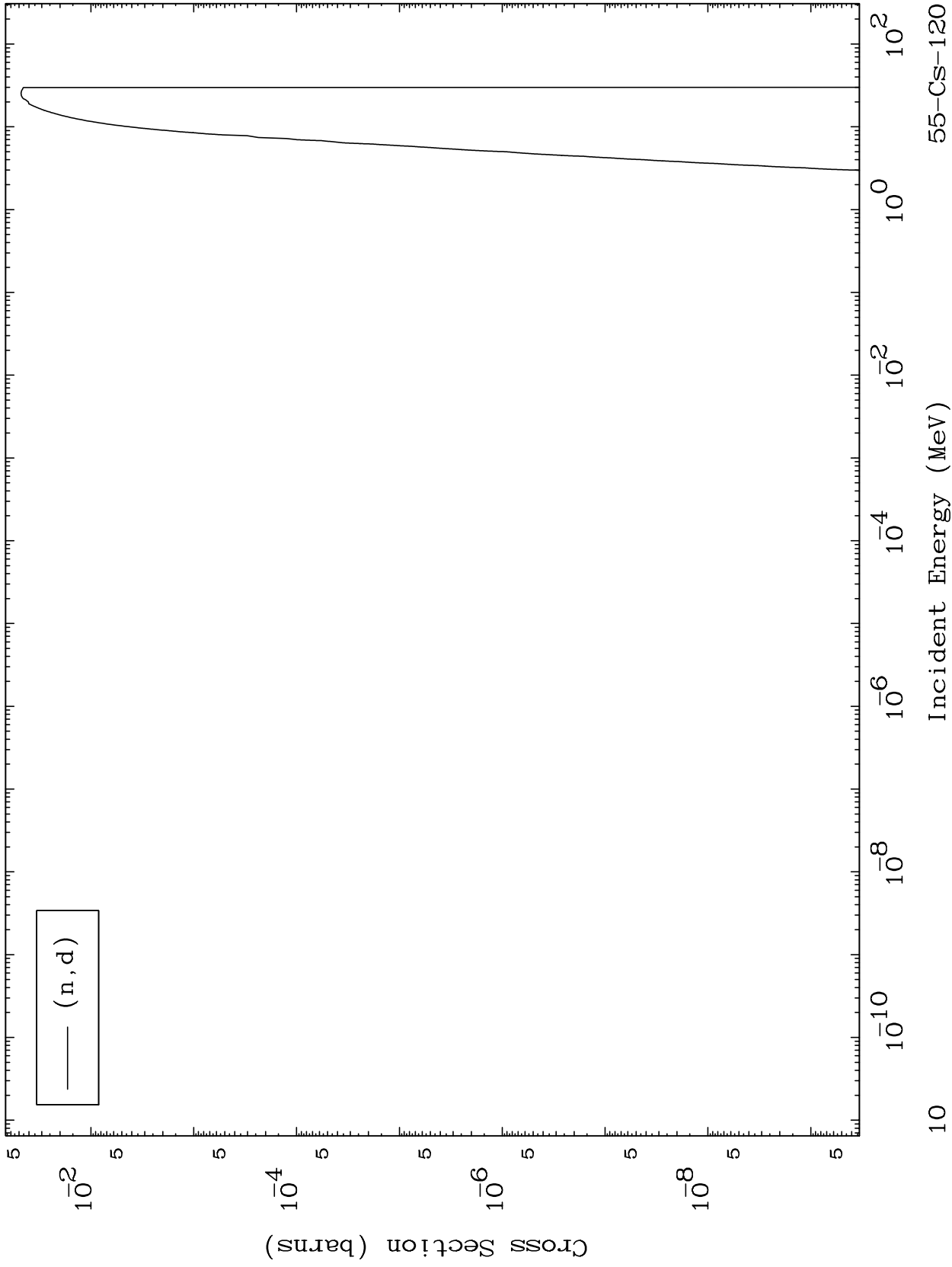
55-Cs-120



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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-120



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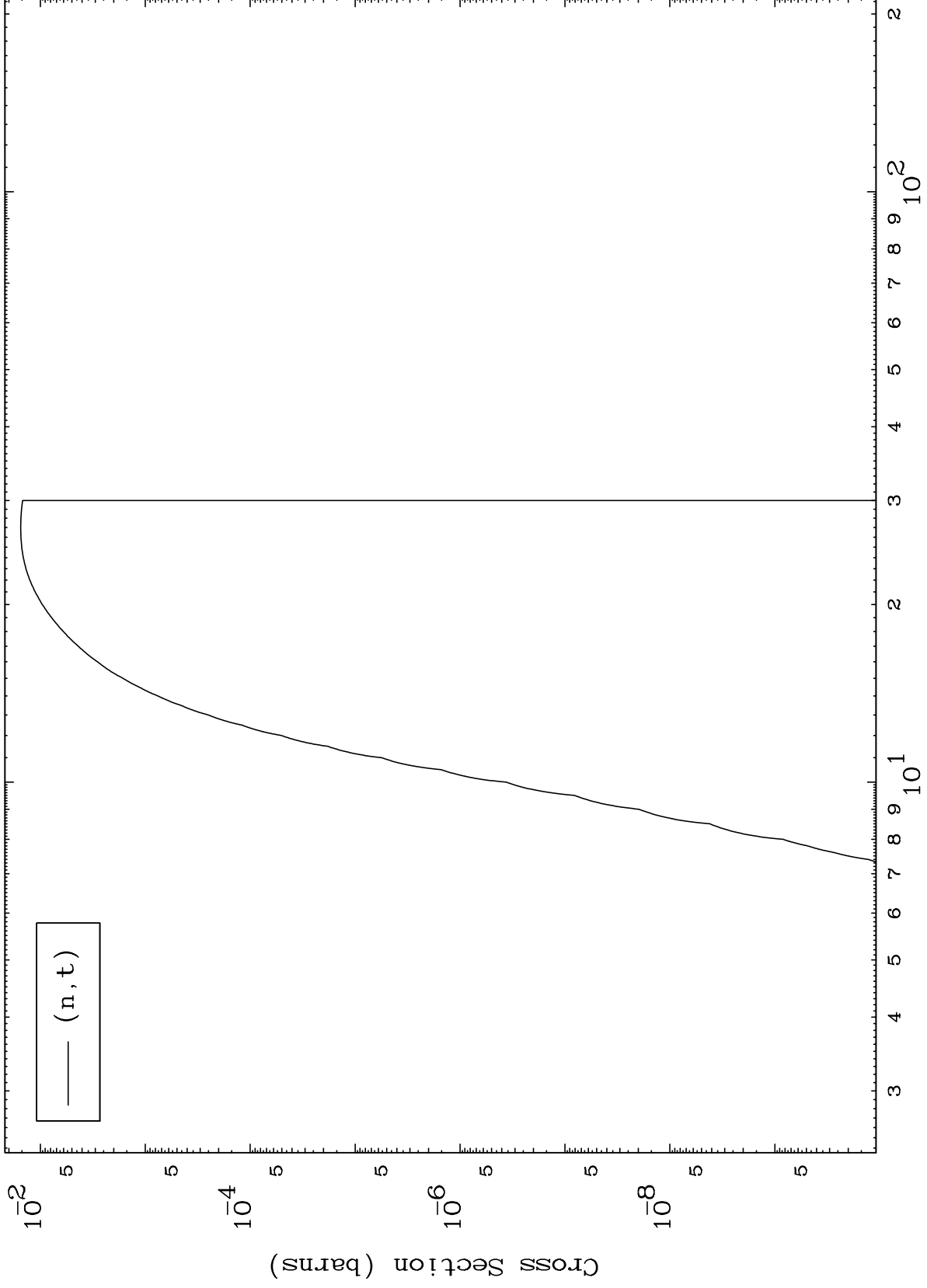
Incident Energy (MeV)

55-Cs-120

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(n,t) Levels  
293 Kelvin Cross Sections

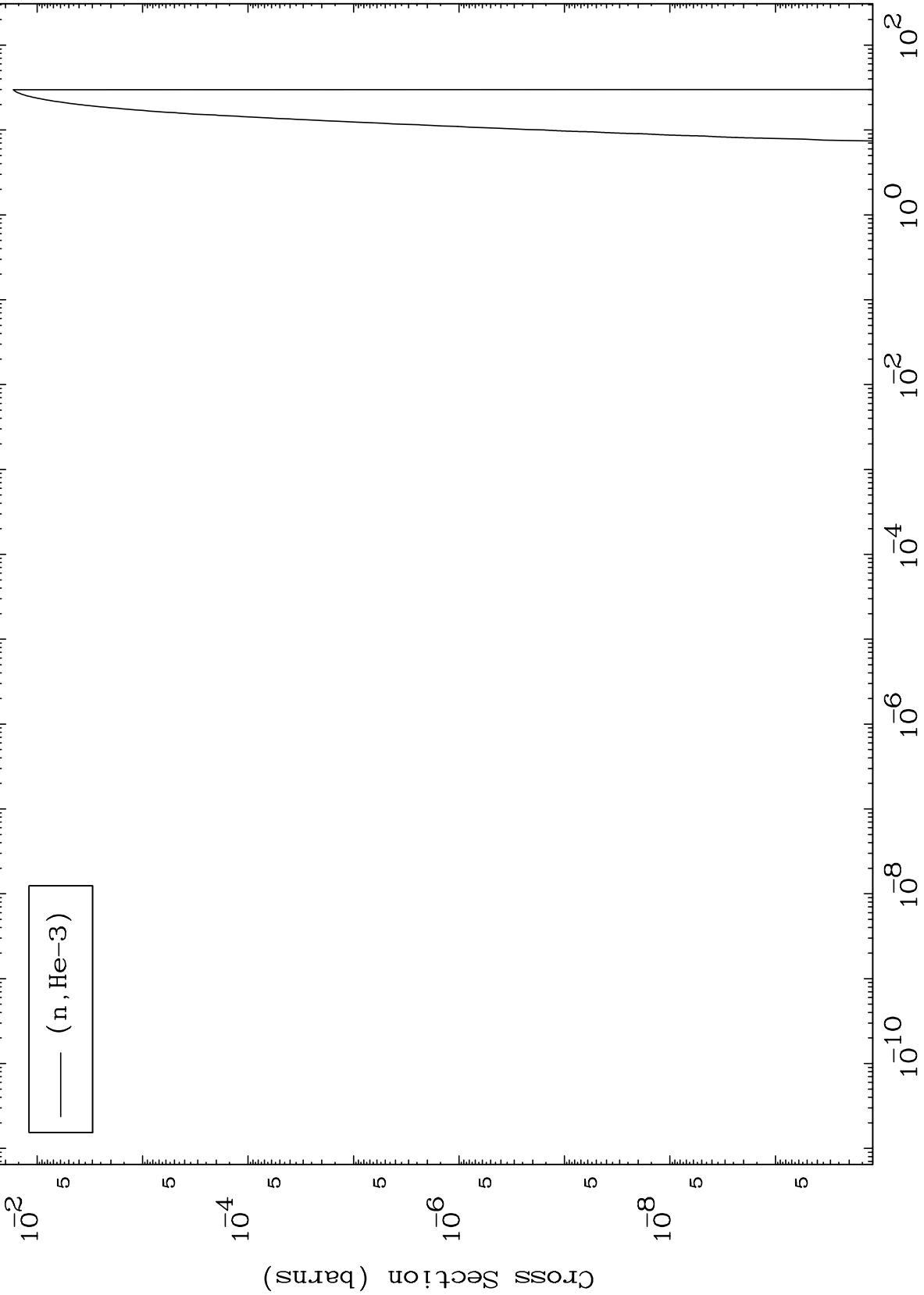
55-Cs-120



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(n,He3) Levels  
293 Kelvin Cross Sections

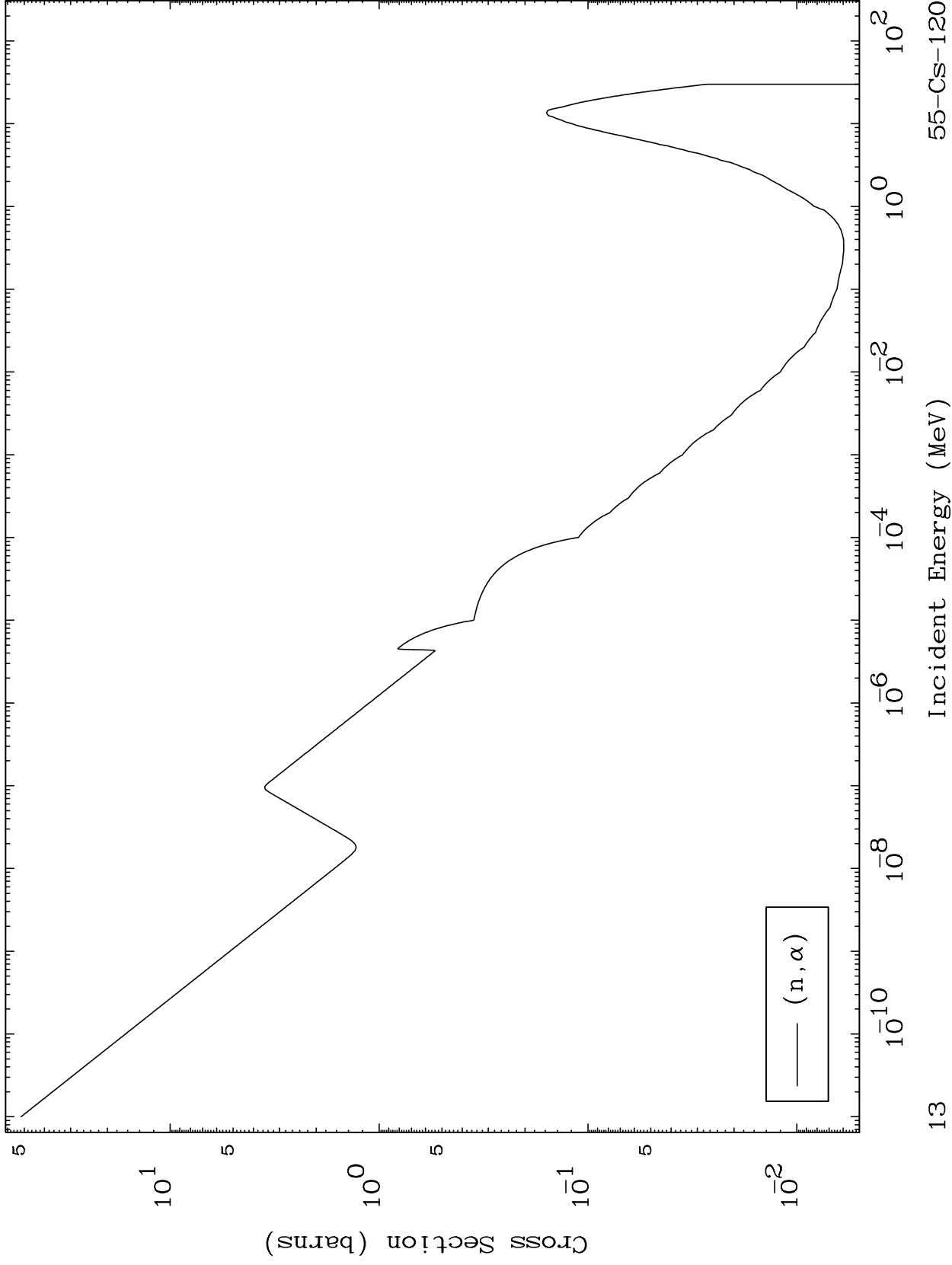
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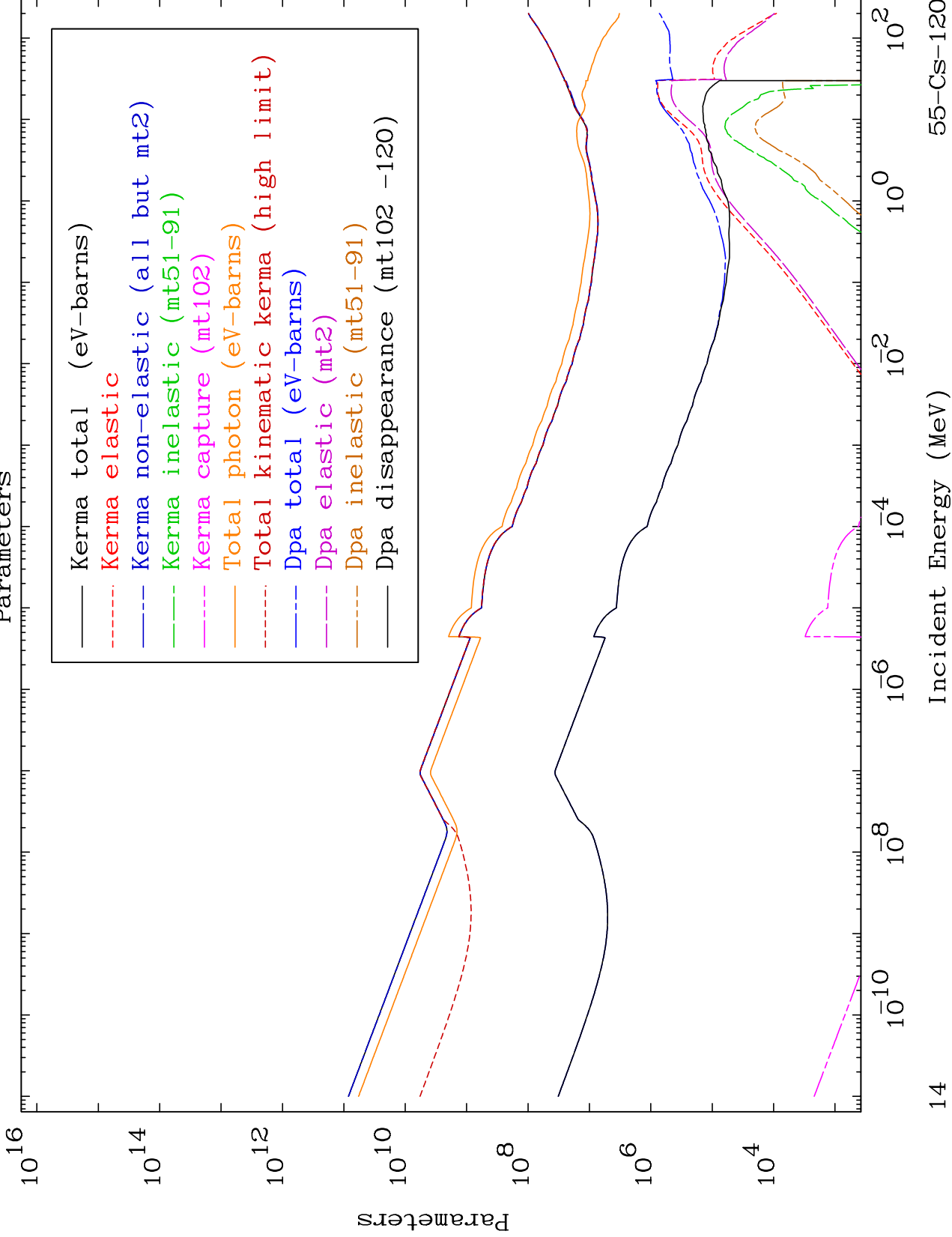


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(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-120





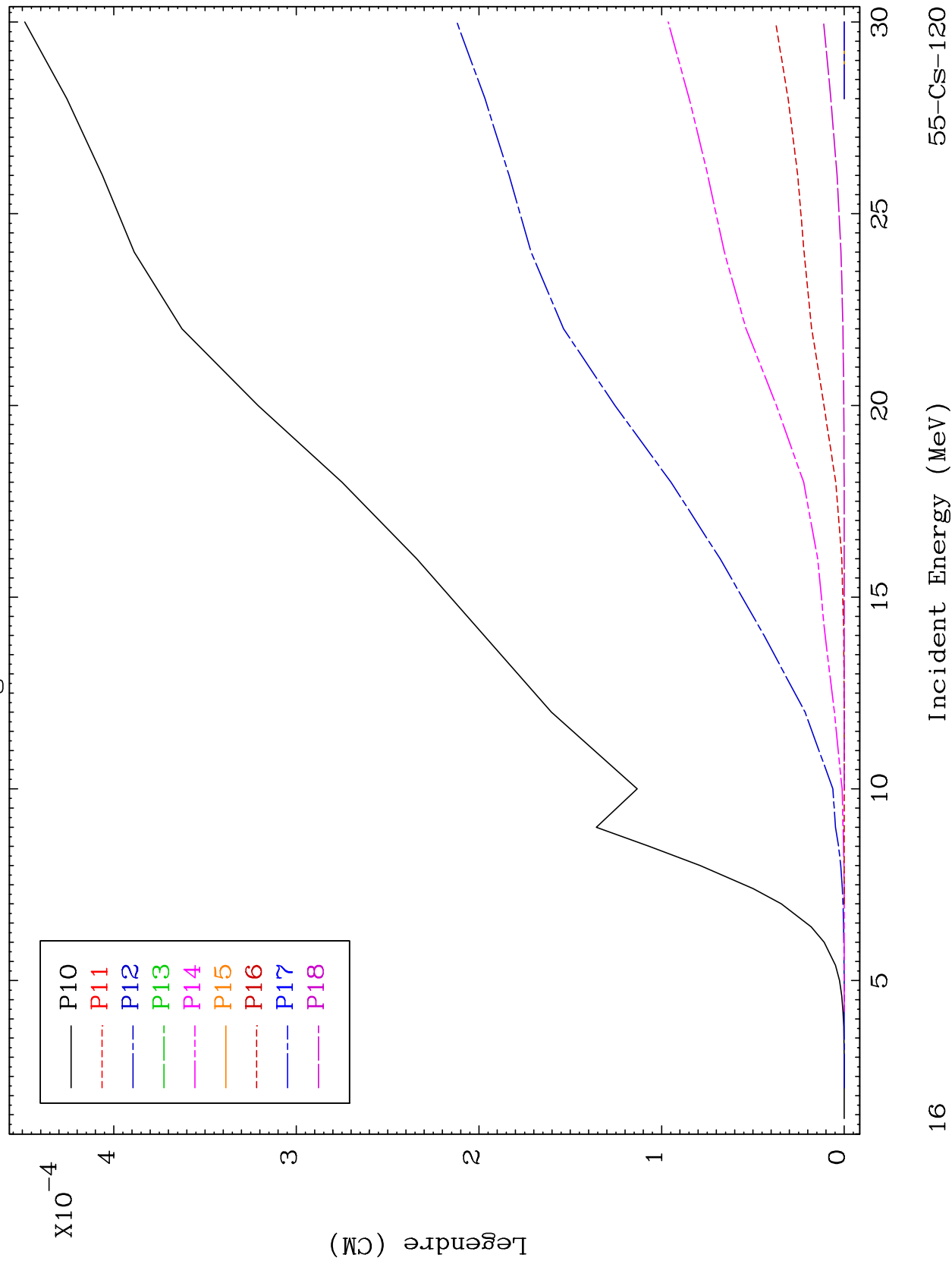




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Elastic Legendre Coefficients

55-Cs-120

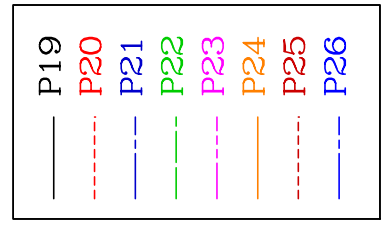


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Elastic Legendre Coefficients

55-Cs-120



$\times 10^{-7}$

Legendre (CM)



17

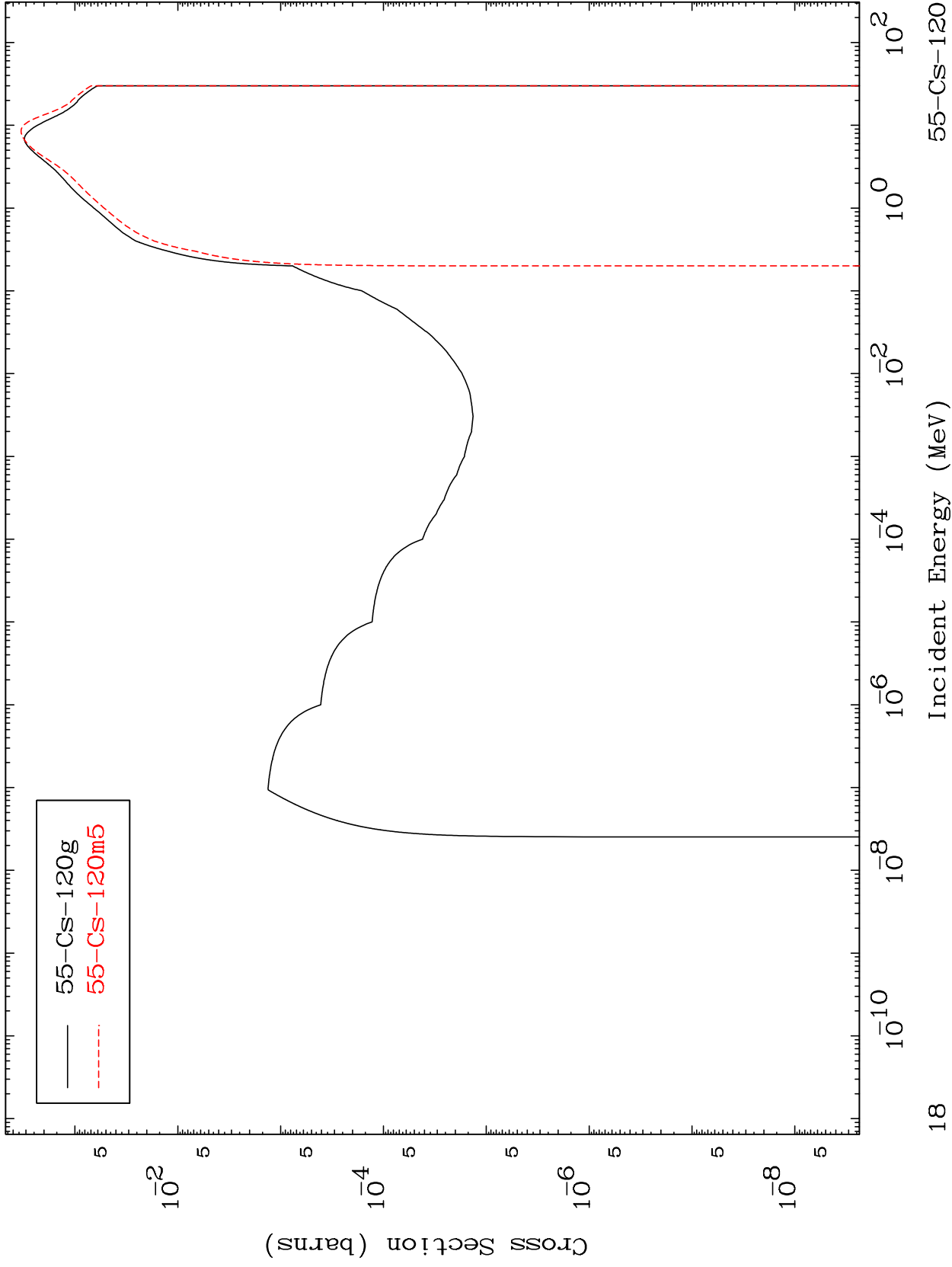
Incident Energy (MeV)

55-Cs-120

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Inelastic  
Radionuclide Production Cross Section

55-Cs-120

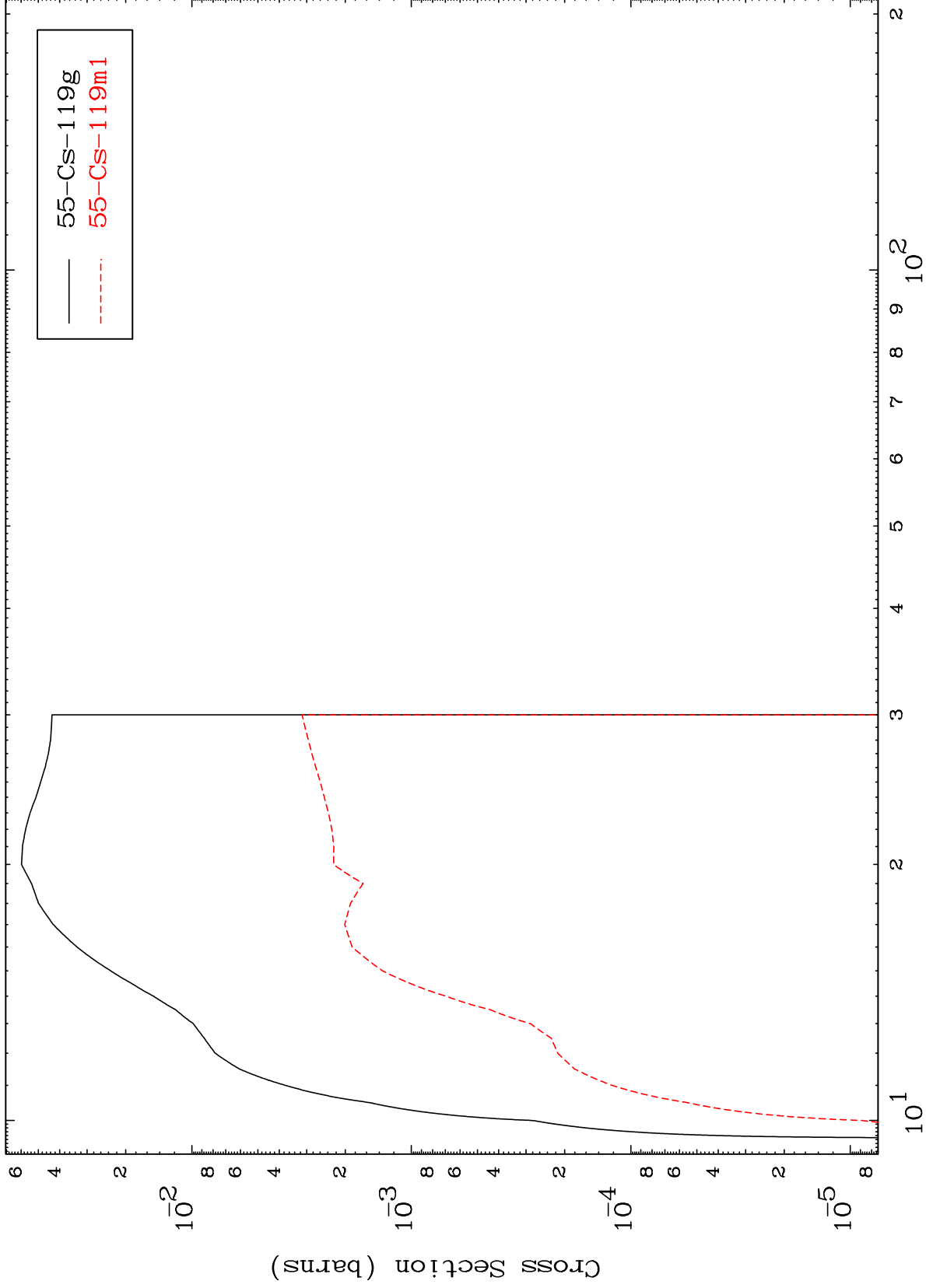


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(n,2n)

55-Cs-120

Radionuclide Production Cross Section



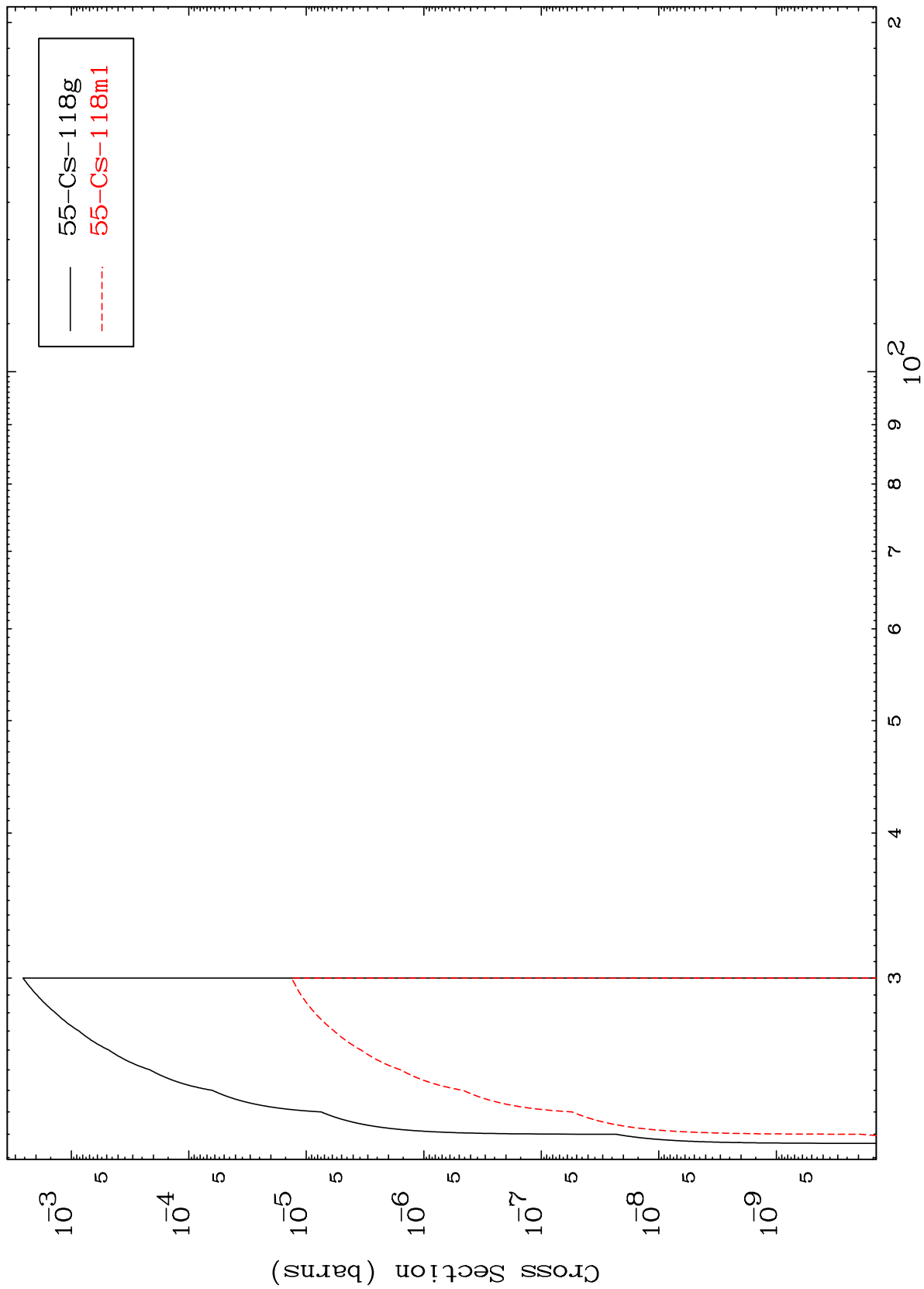
Incident Energy (MeV)

55-Cs-120

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55-Cs-120

(n,3n)  
Radionuclide Production Cross Section



55-Cs-120

Incident Energy (MeV)

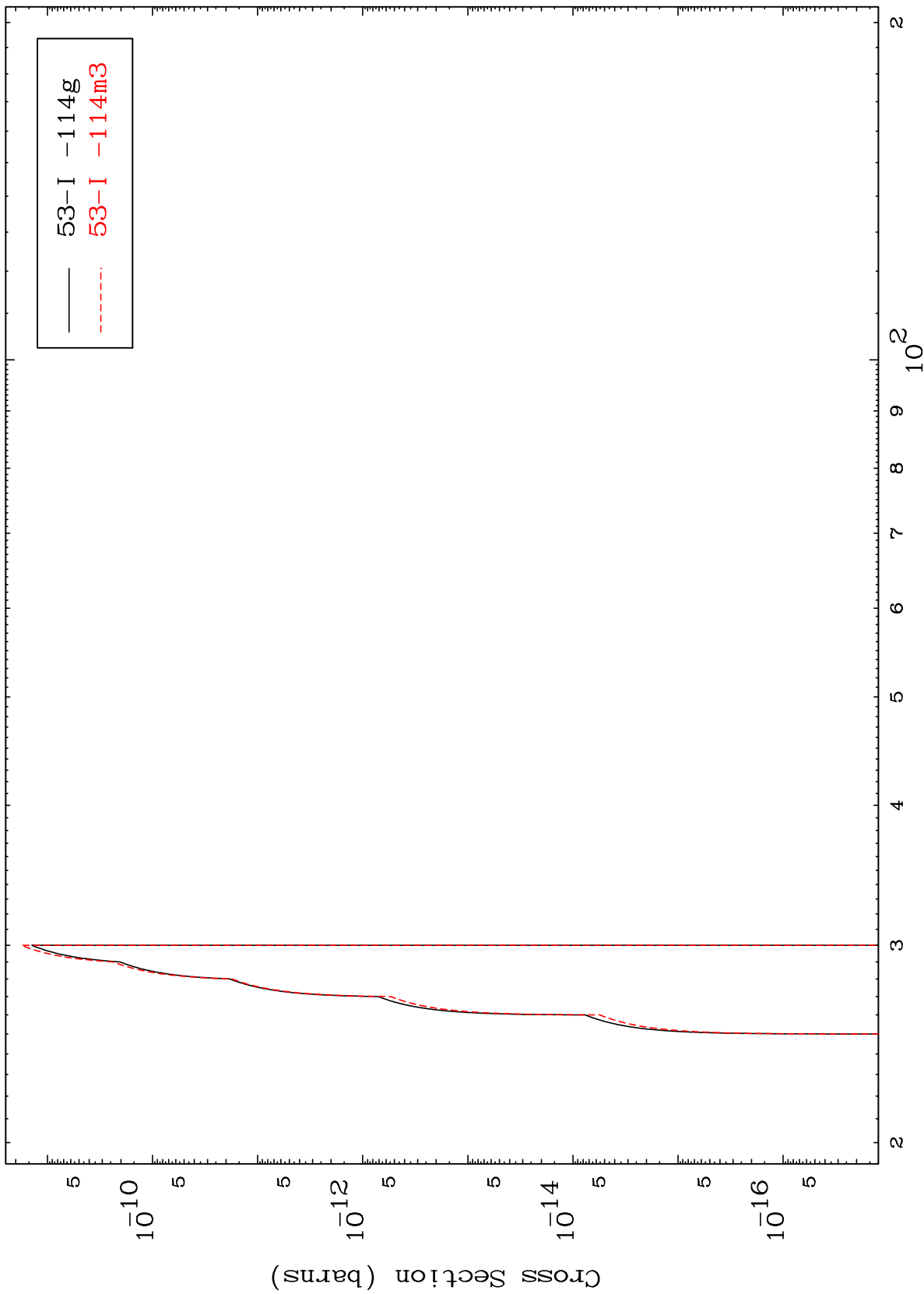
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(n,3n)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

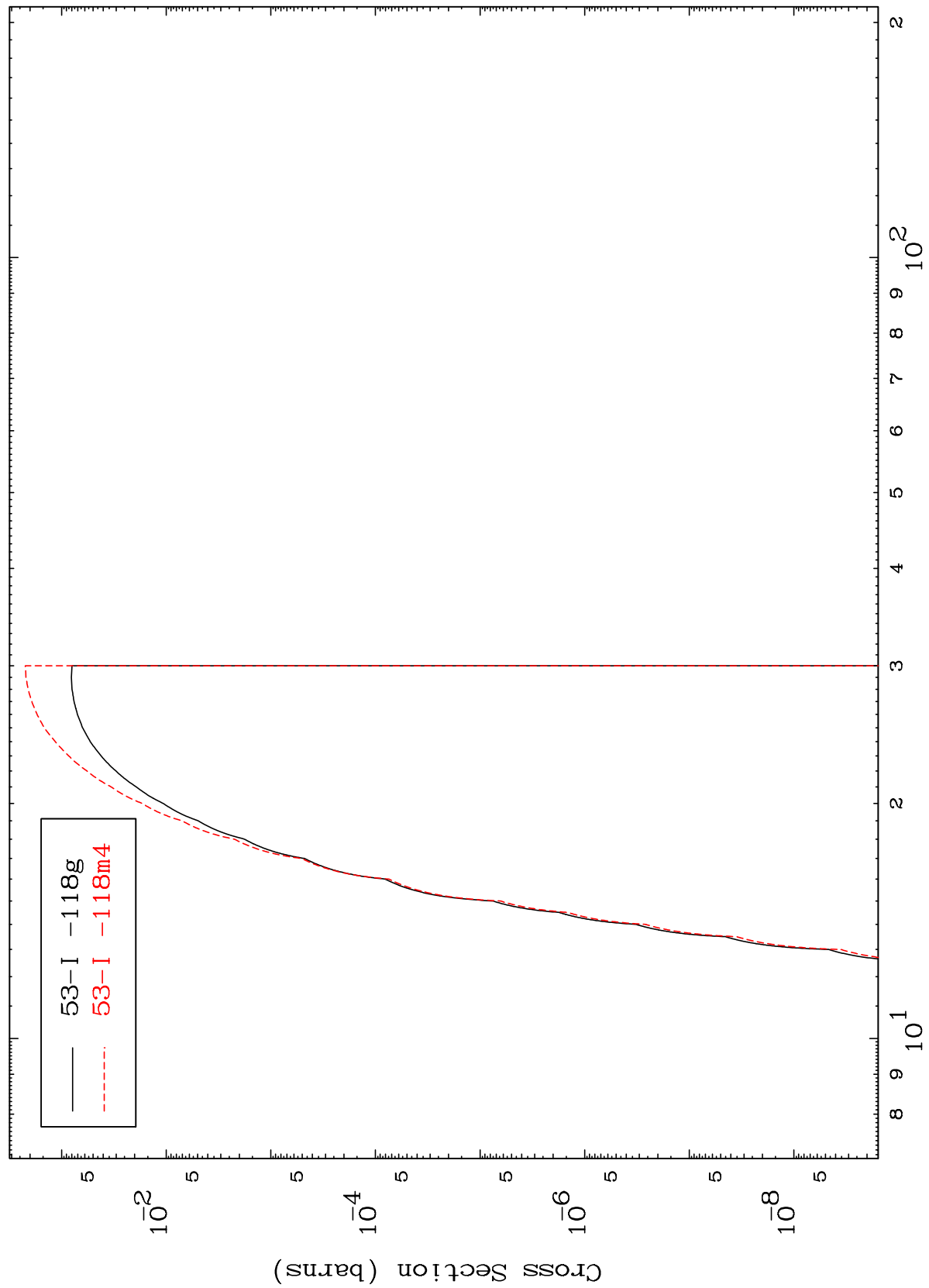
55-Cs-120

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(n,2n) p

55-Cs-120

Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

Incident Energy (MeV)

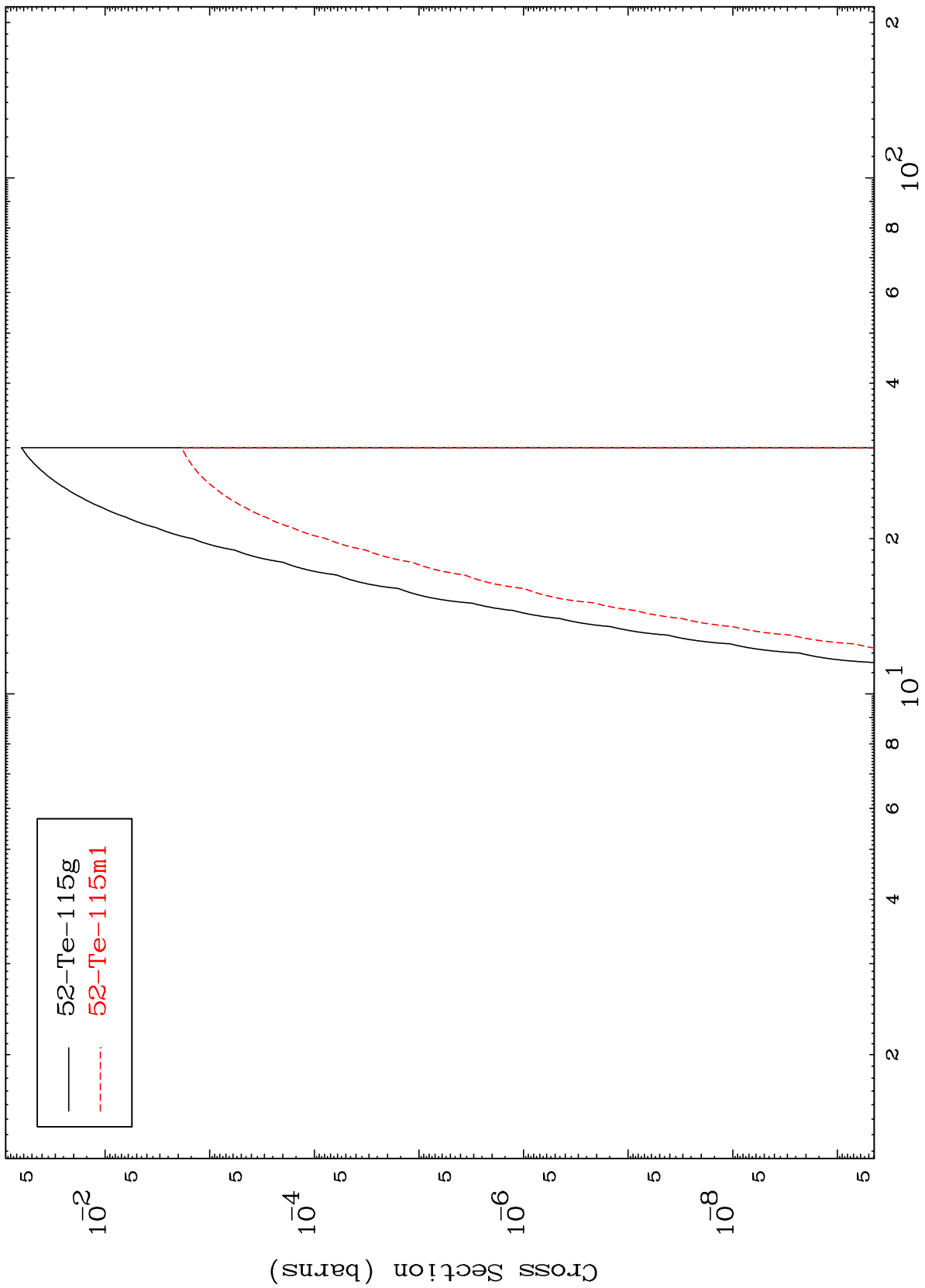
55-Cs-120

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(n,n') p  $\alpha$

55-Cs-120

Radionuclide Production Cross Section

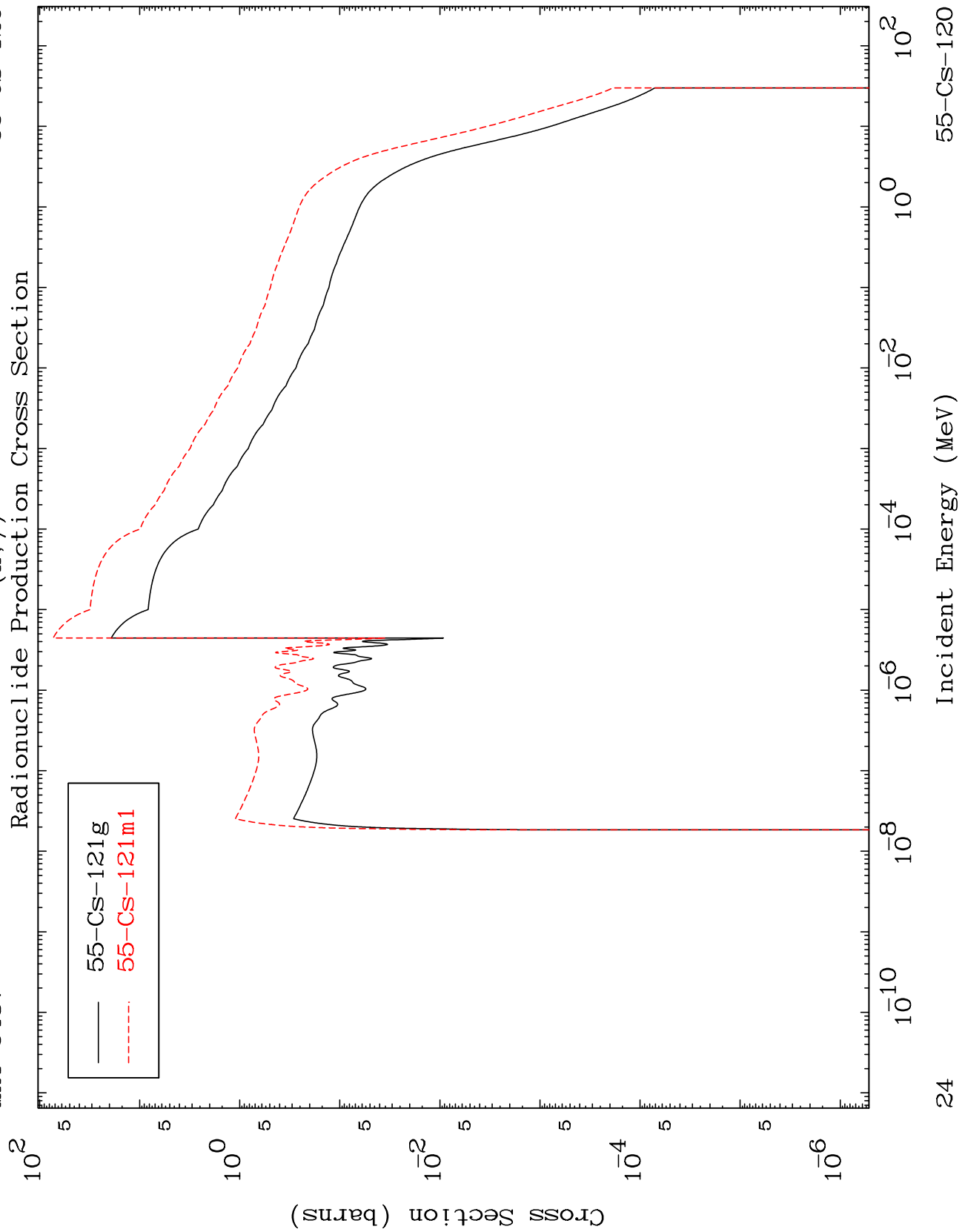




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55-Cs-120

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

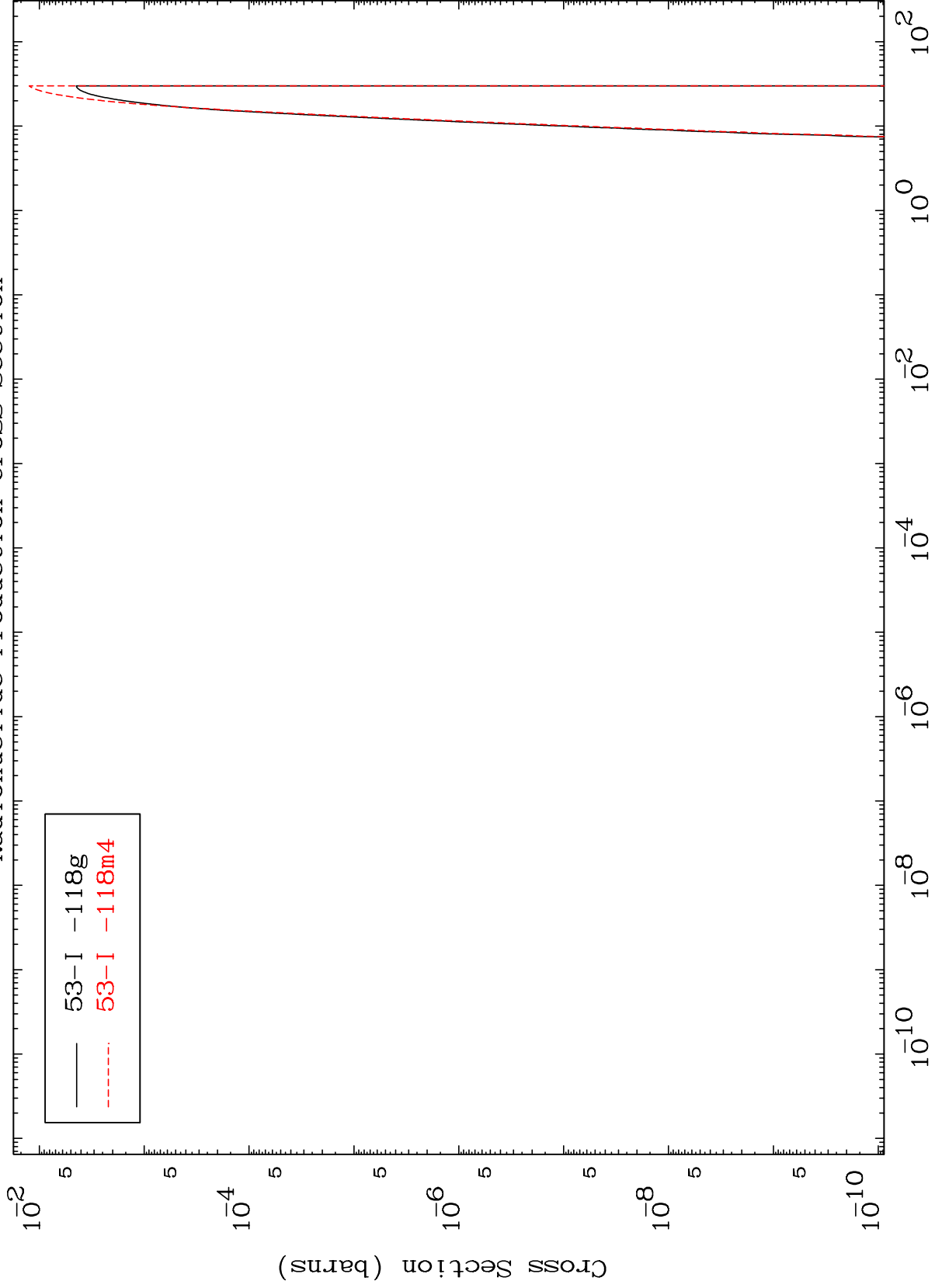


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(n,He-3)

55-Cs-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

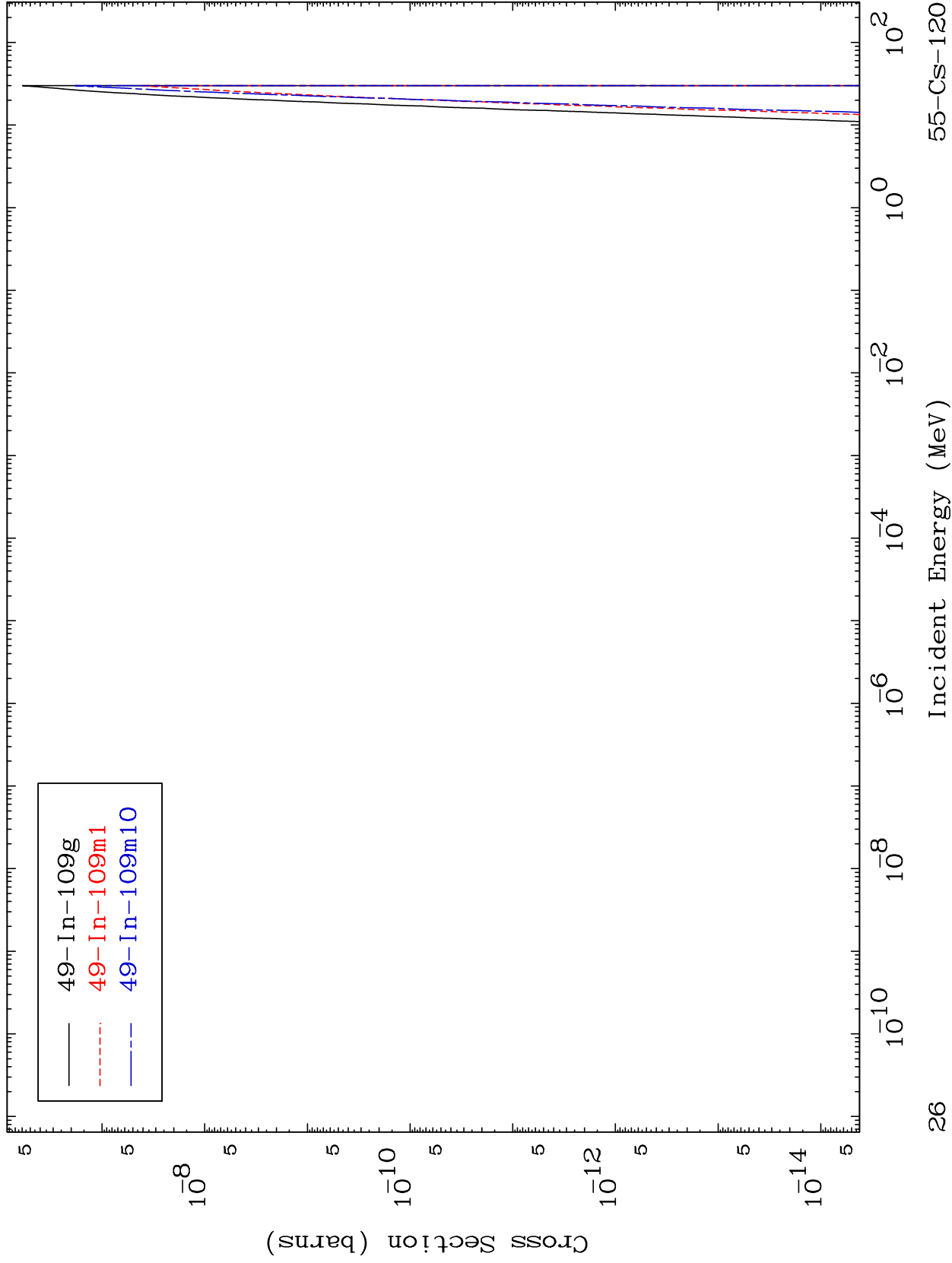
55-Cs-120

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(n,3 $\alpha$ )

55-Cs-120

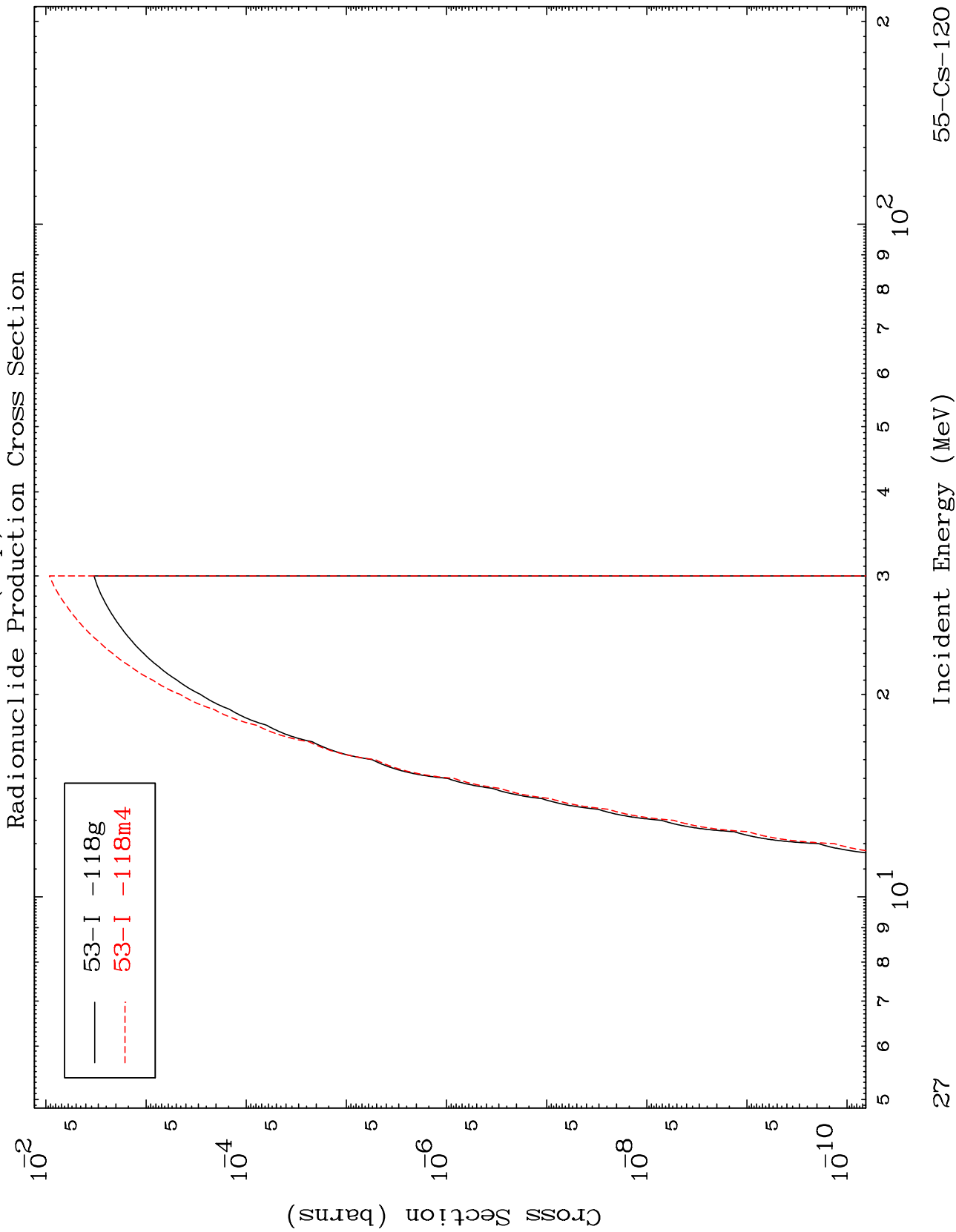
Radionuclide Production Cross Section



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(n,p) d

55-Cs-120



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55-Cs-120

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(n,d)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section

