

Program EVALPLOT  
(Version 2018-1)

by

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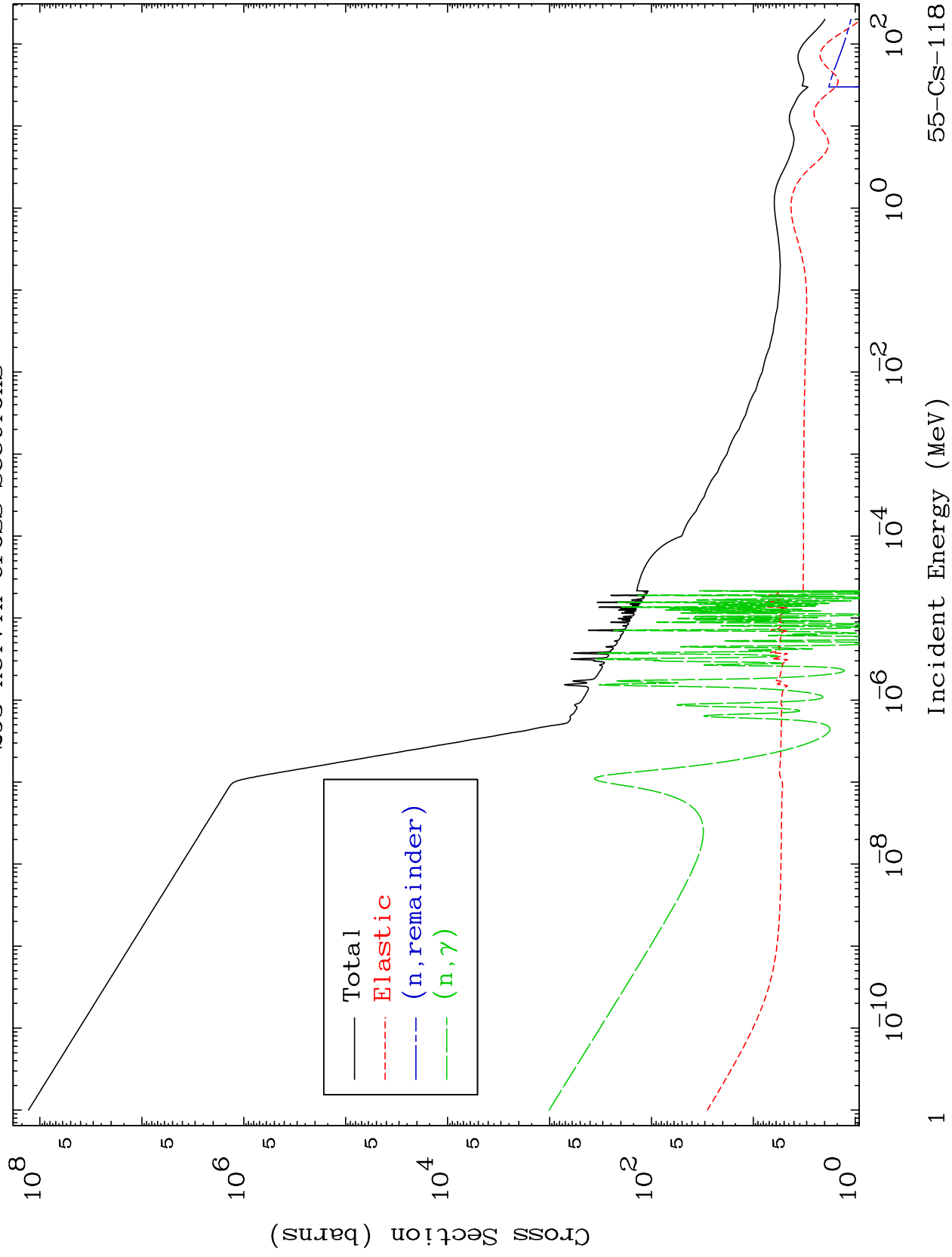
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5481

Major  
293 Kelvin Cross Sections

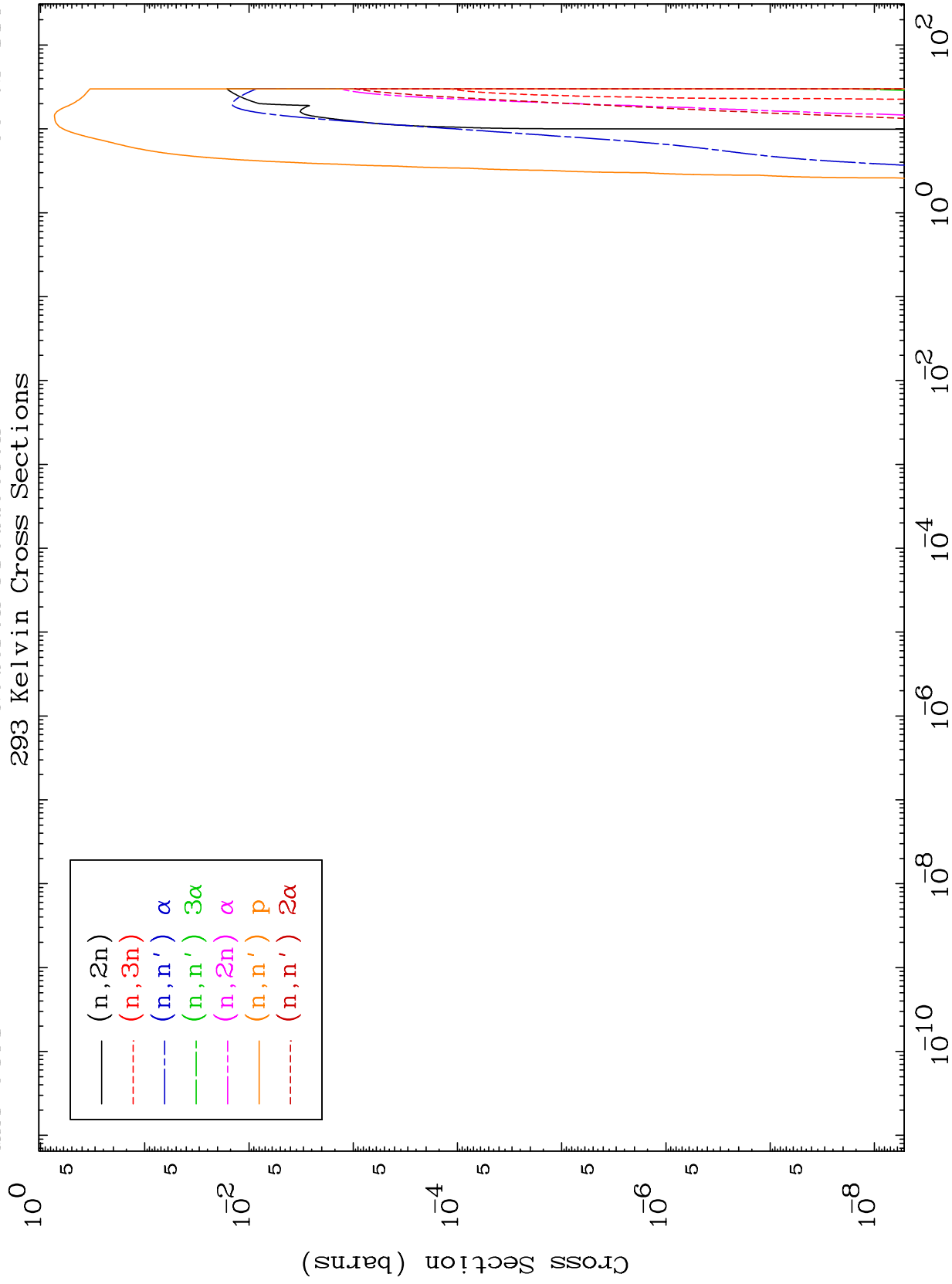
55-Cs-118



MAT 5481

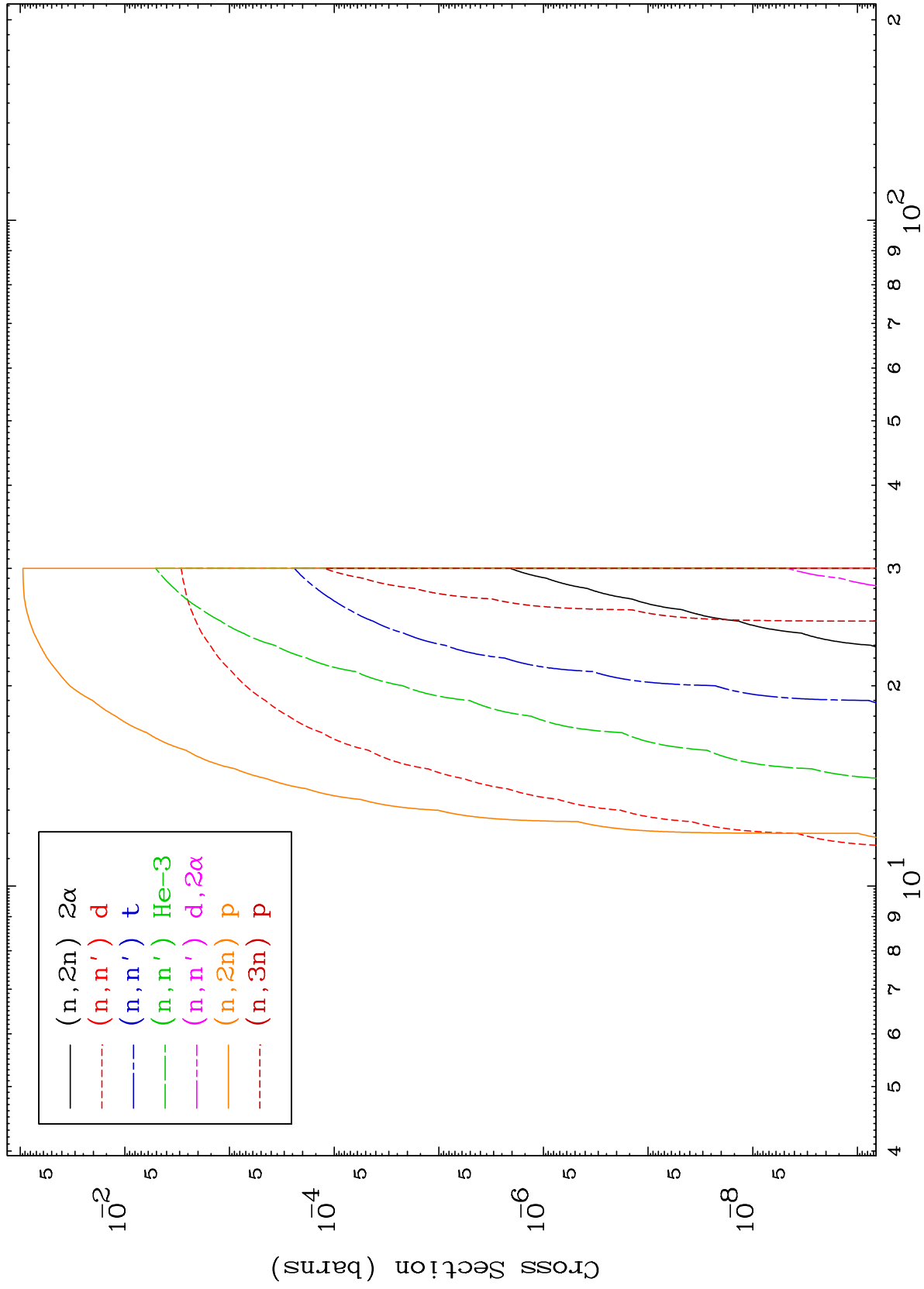
Neutron Production  
293 Kelvin Cross Sections

55-Cs-118



2

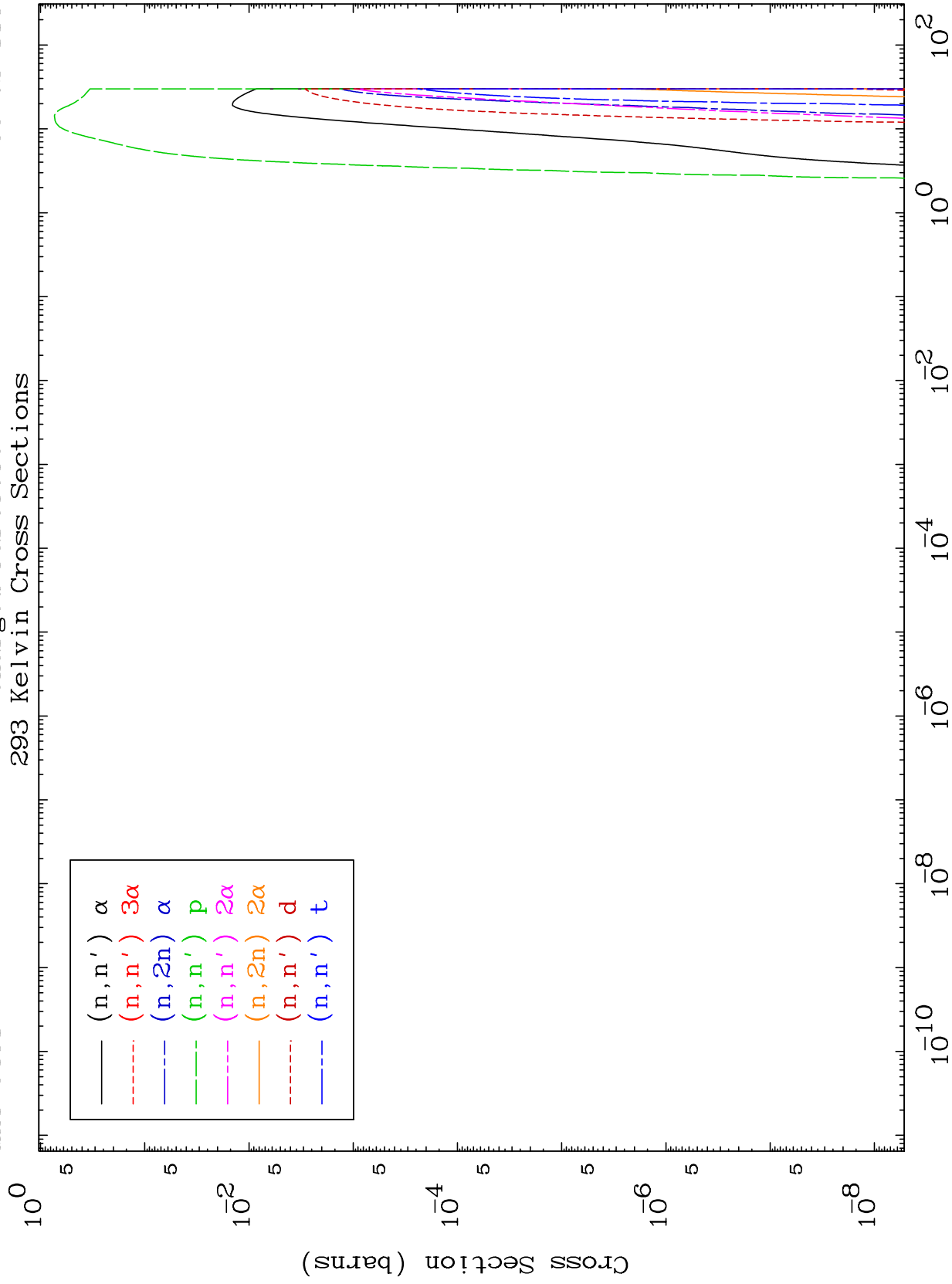
55-Cs-118



MAT 5481

293 Kelvin Cross Sections

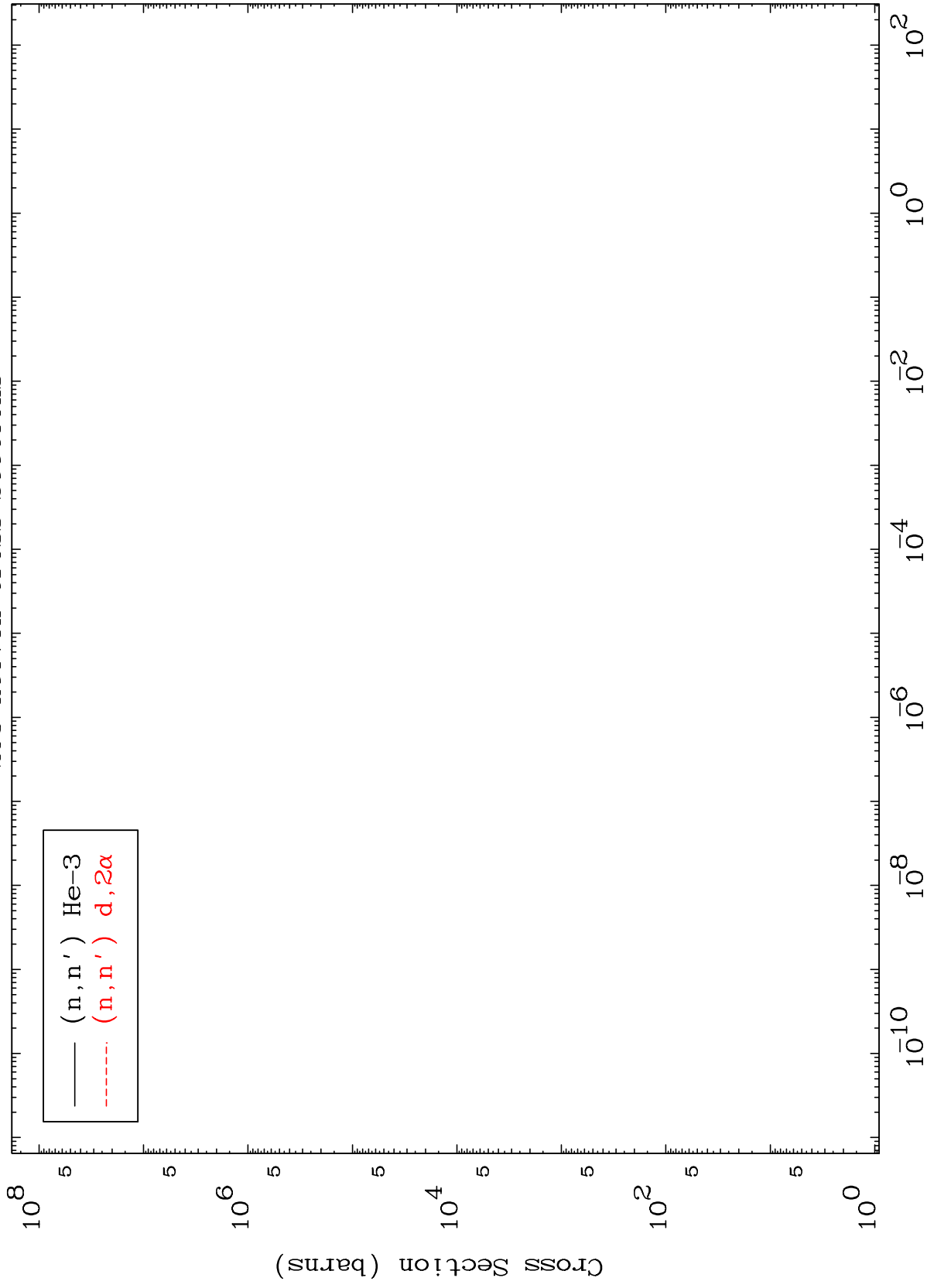
55-Cs-118



MAT 5481

Charged Particle  
293 Kelvin Cross Sections

55-Cs-118



5

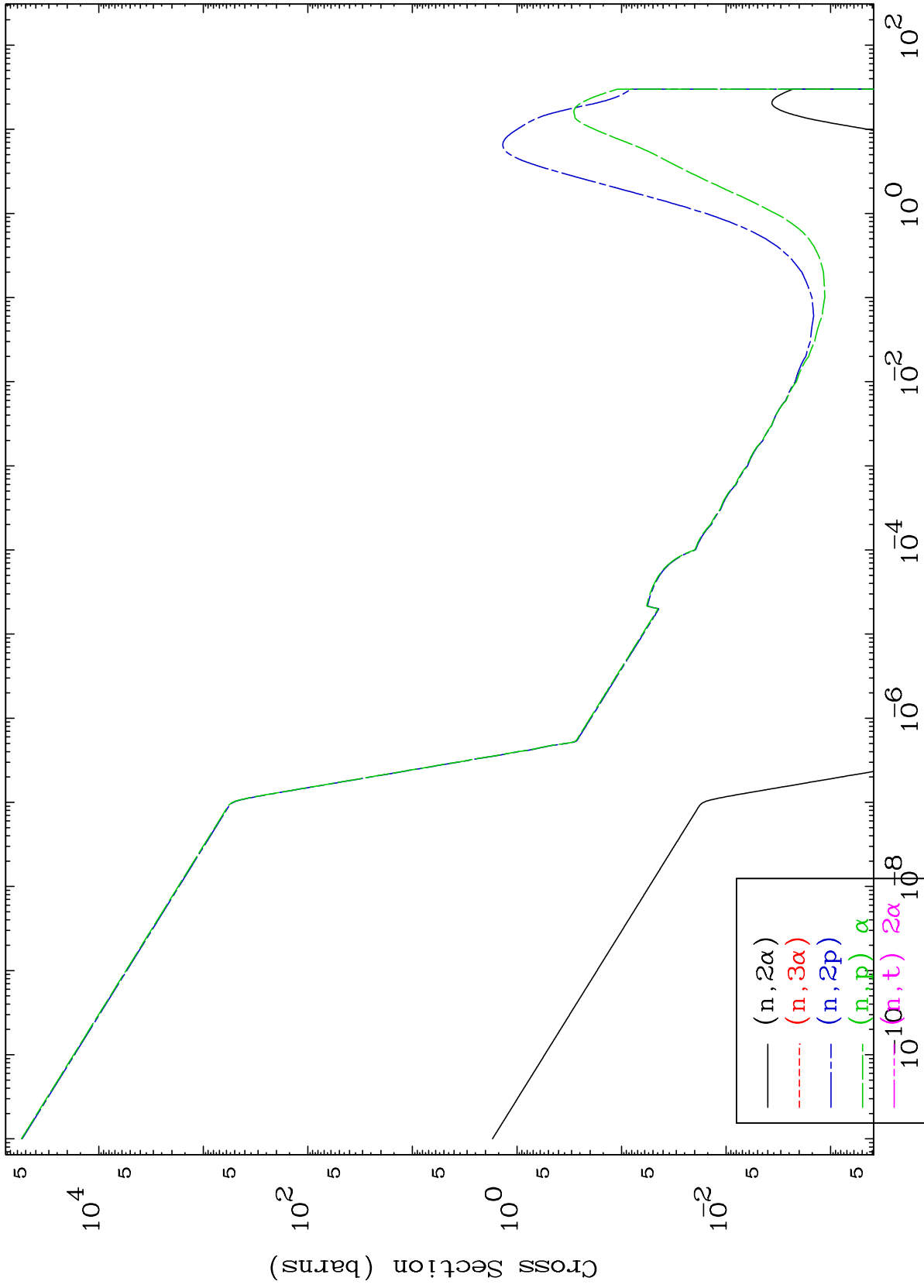
Incident Energy (MeV)

55-Cs-118

MAT 5481

Charged Particle  
293 Kelvin Cross Sections

55-Cs-118



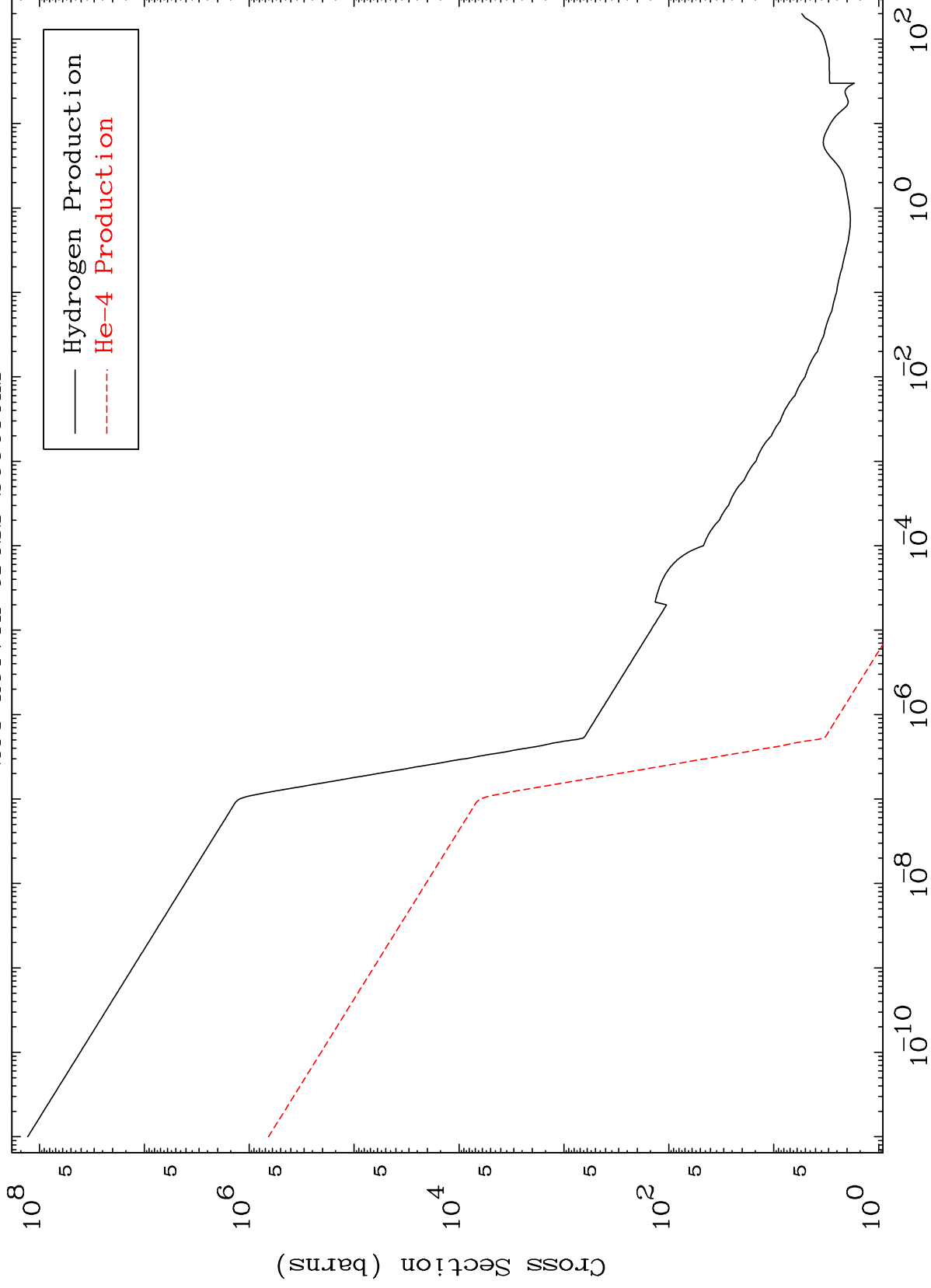
6

55-Cs-118

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Particle Production  
293 Kelvin Cross Sections

55-Cs-118



7

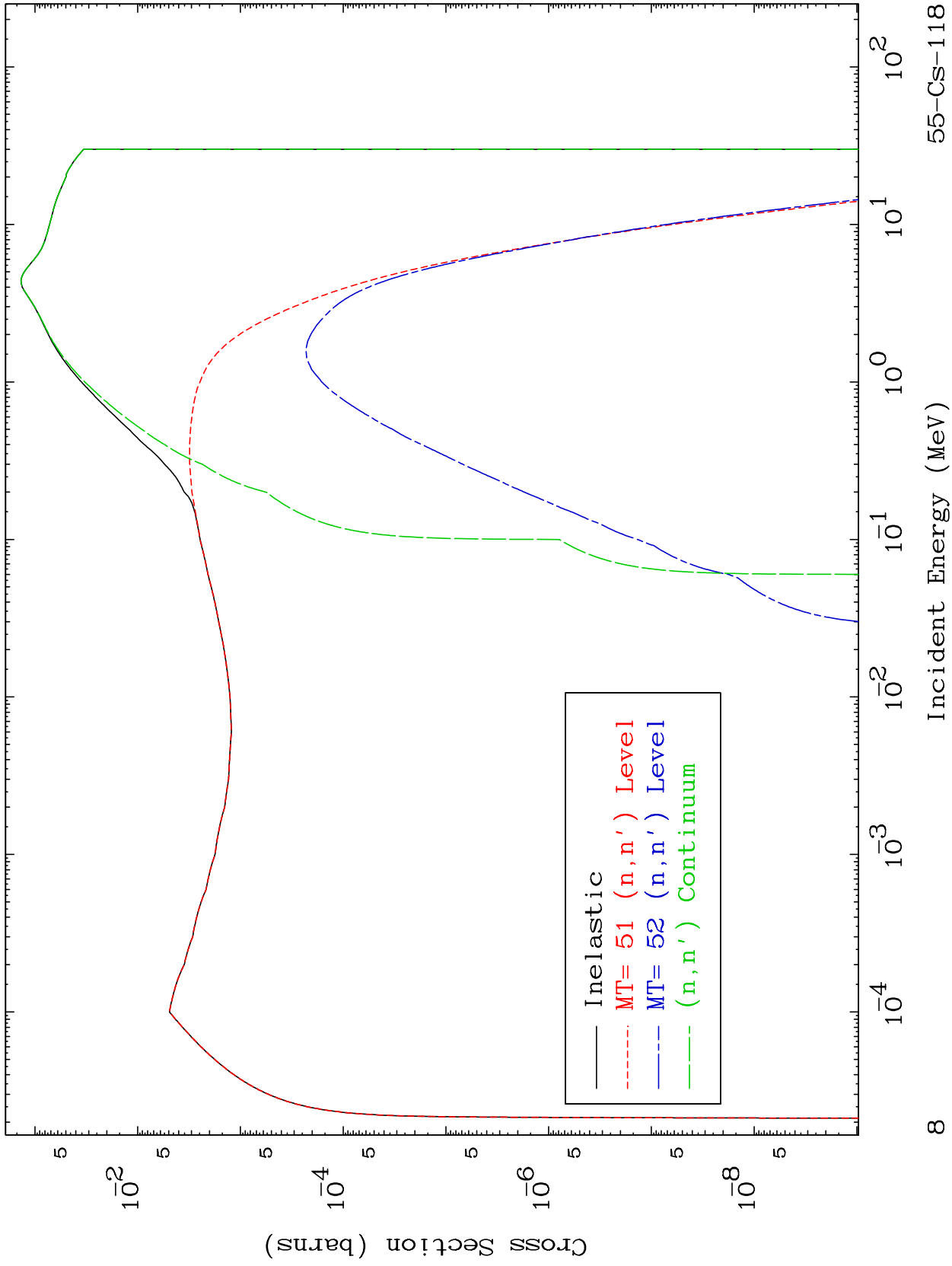
55-Cs-118



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293 Kelvin Cross Sections  
(n,n') Level

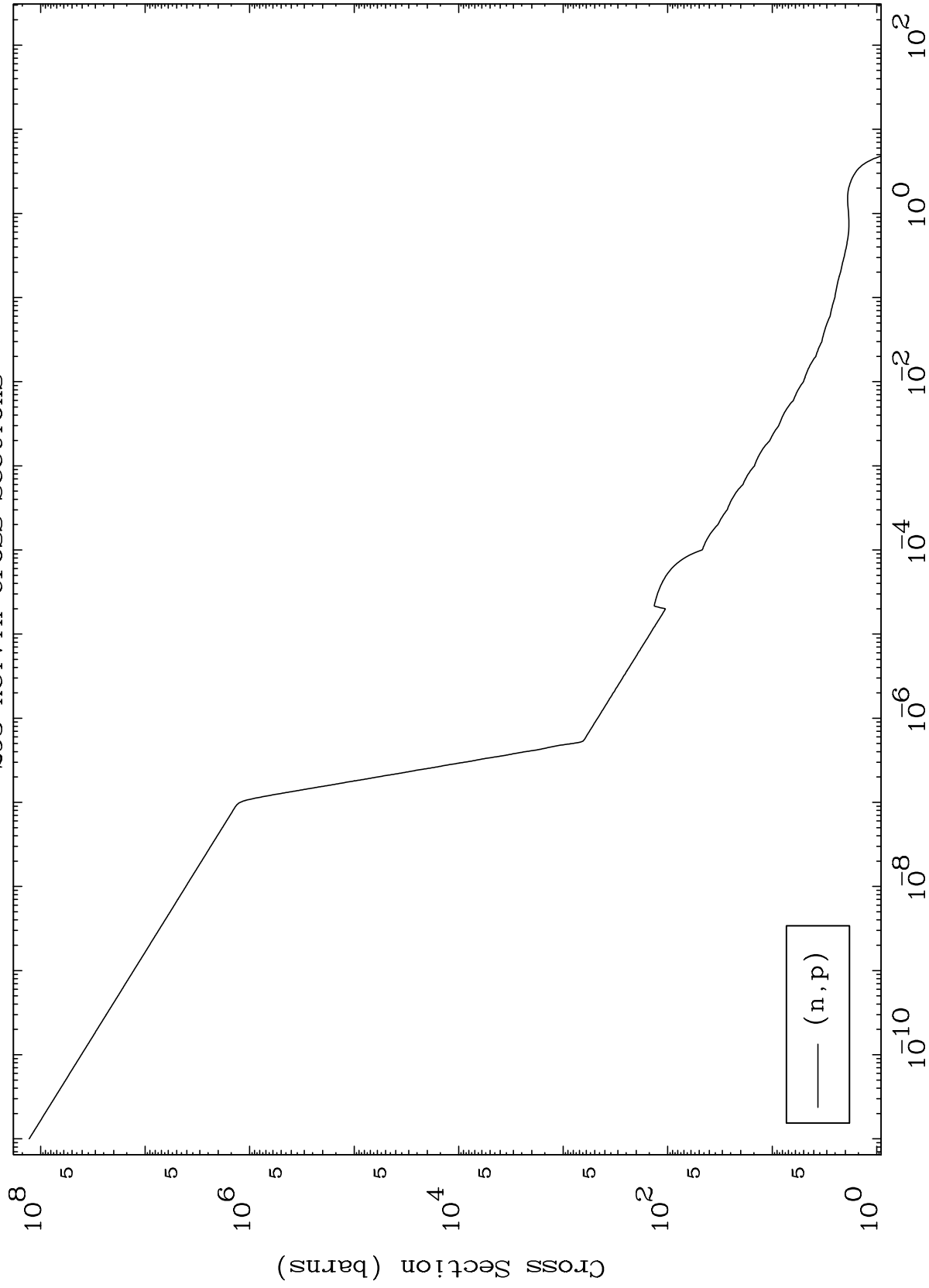
55-Cs-118



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(n,p) Levels  
293 Kelvin Cross Sections

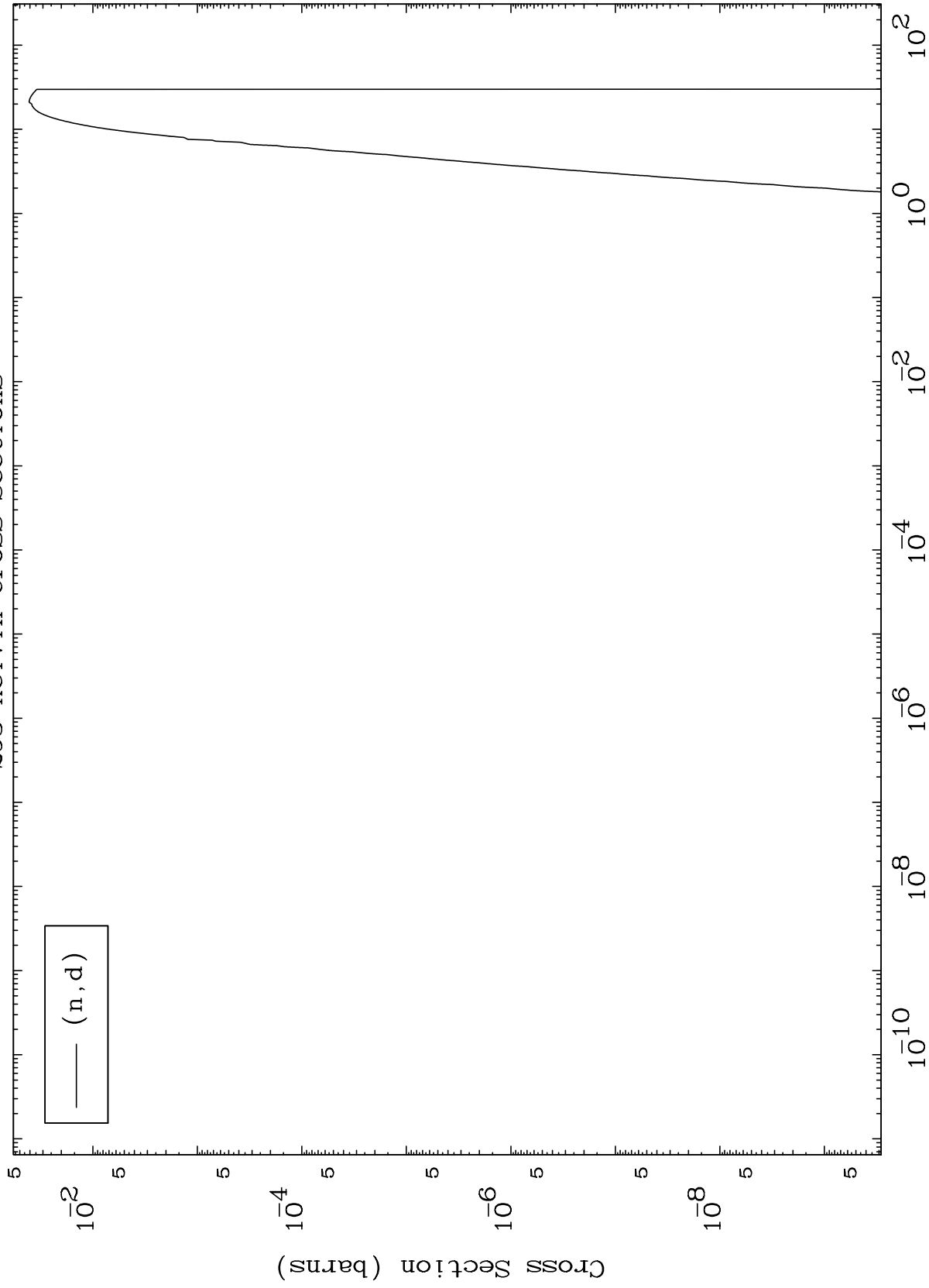
55-Cs-118



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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-118



10

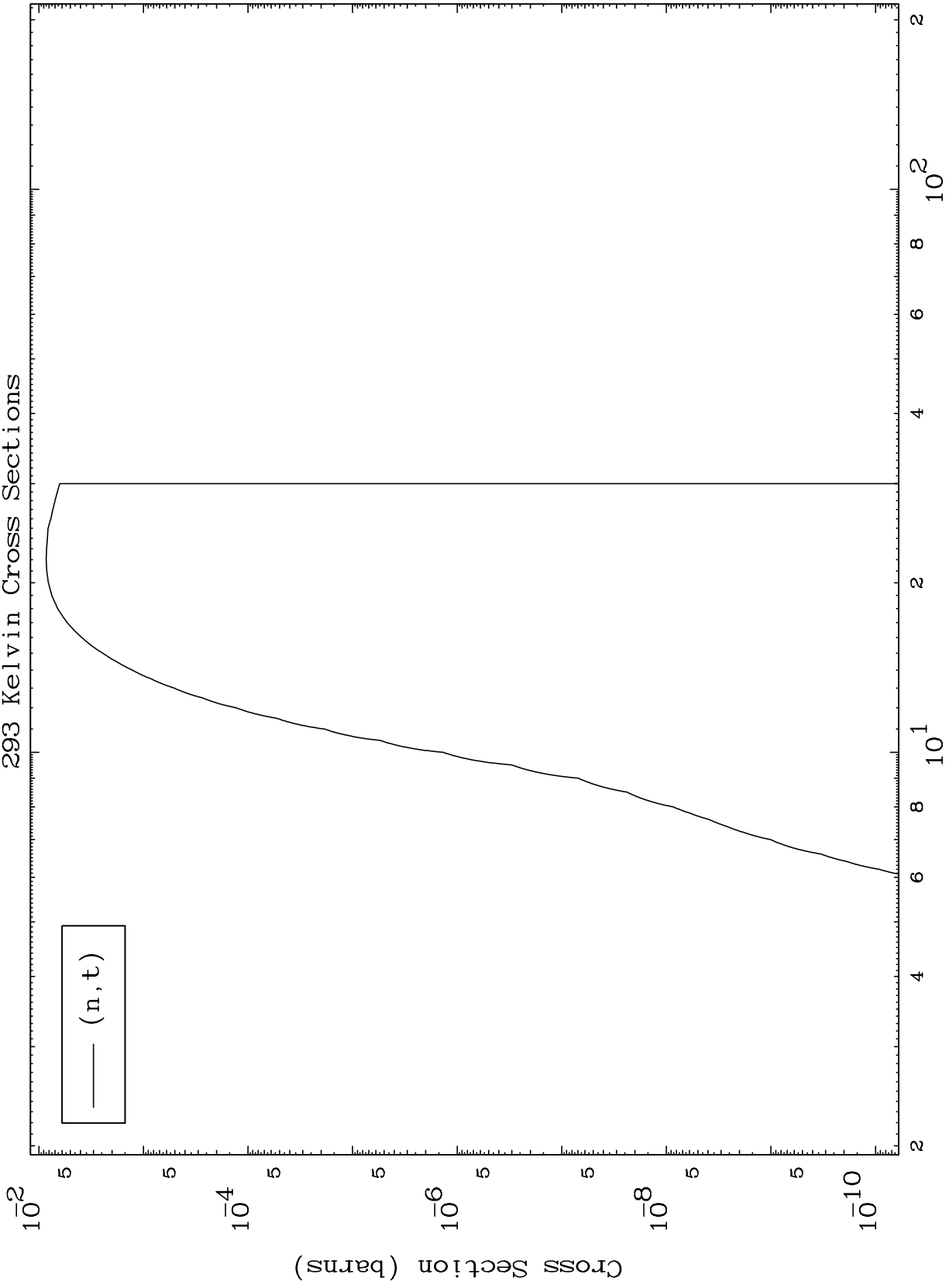
Incident Energy (MeV)

55-Cs-118

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(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-118



11

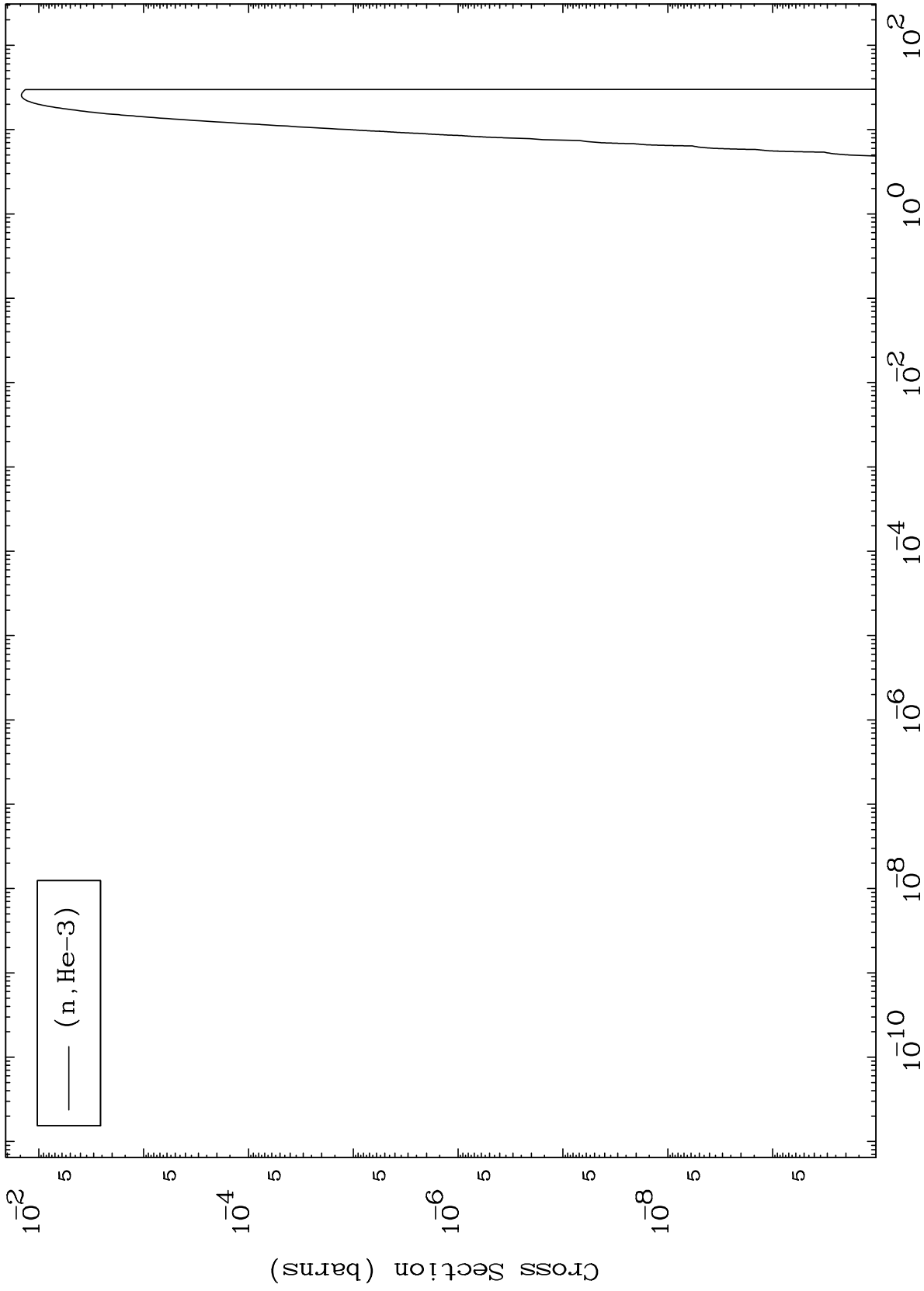
Incident Energy (MeV)

55-Cs-118

MAT 5481

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-118



12

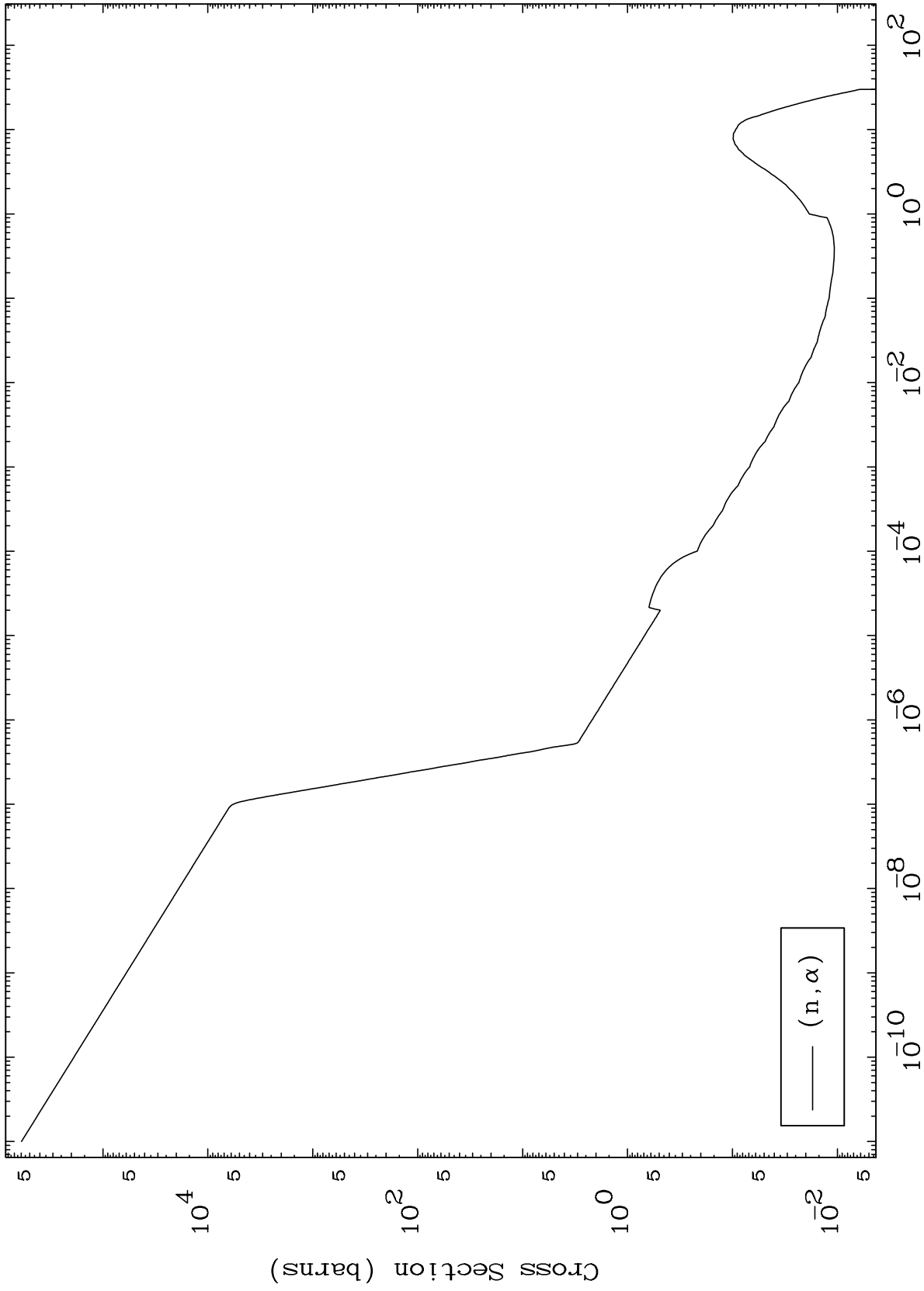
Incident Energy (MeV)

55-Cs-118

MAT 5481

(n,α) Levels  
293 Kelvin Cross Sections

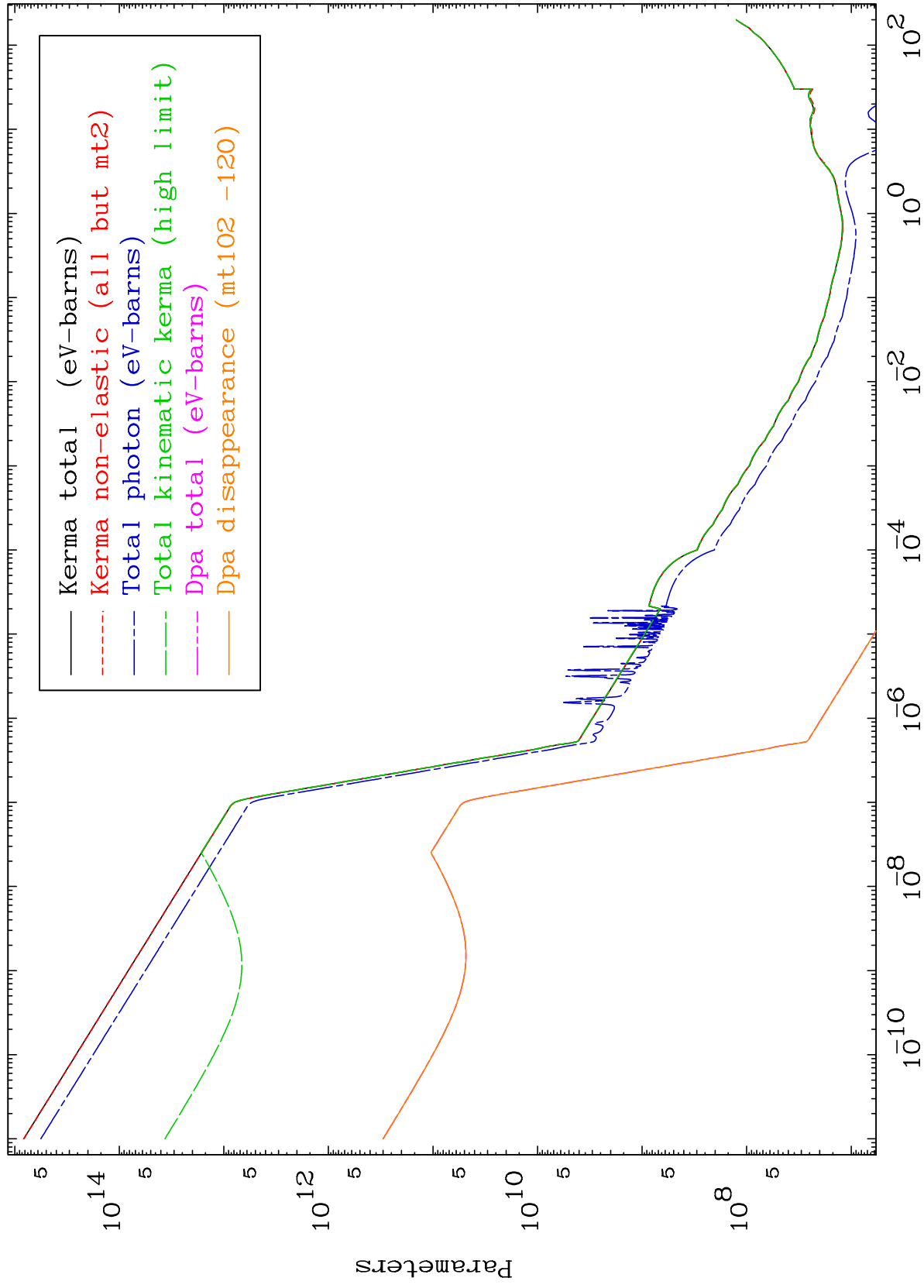
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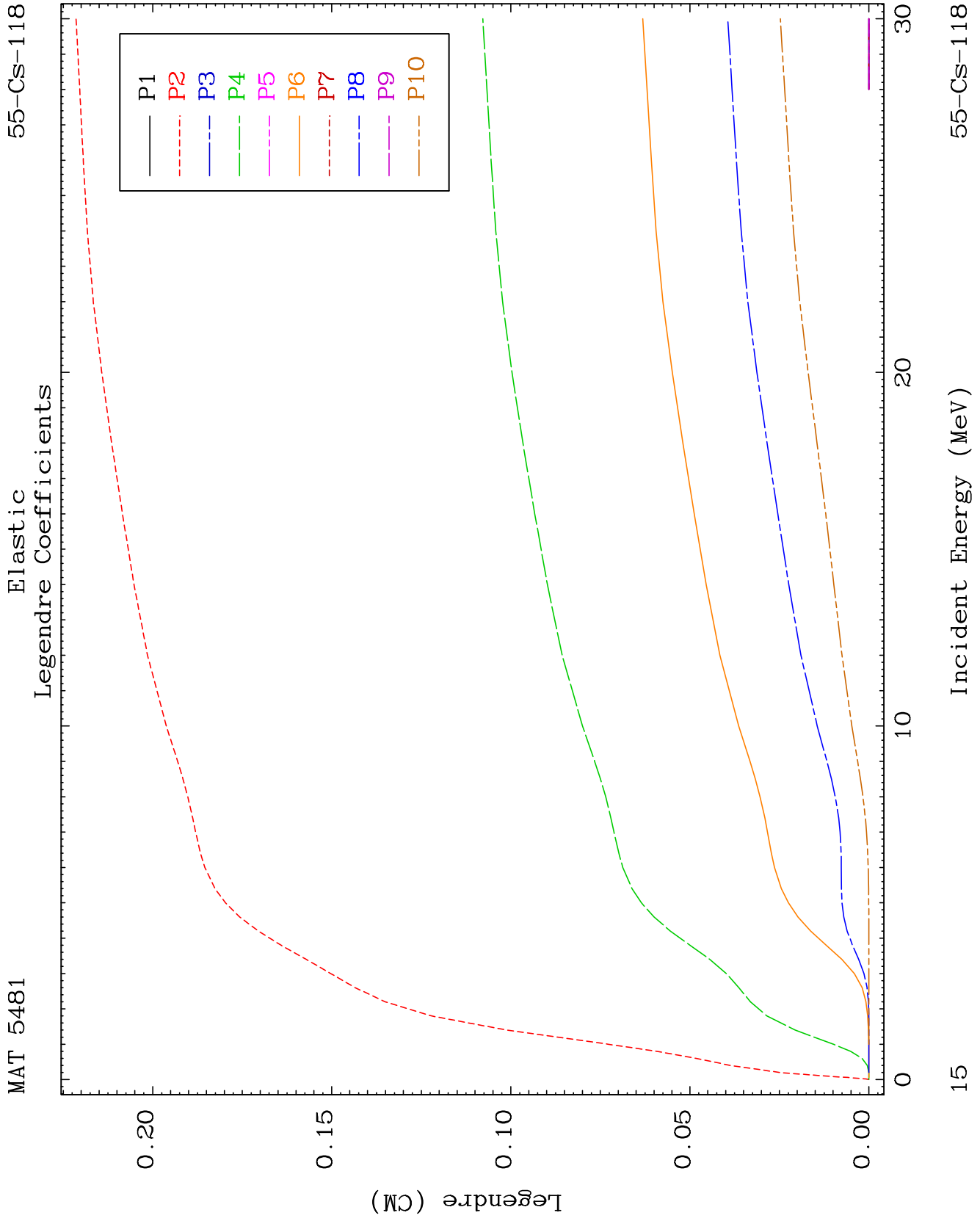


13

Incident Energy (MeV)

55-Cs-118



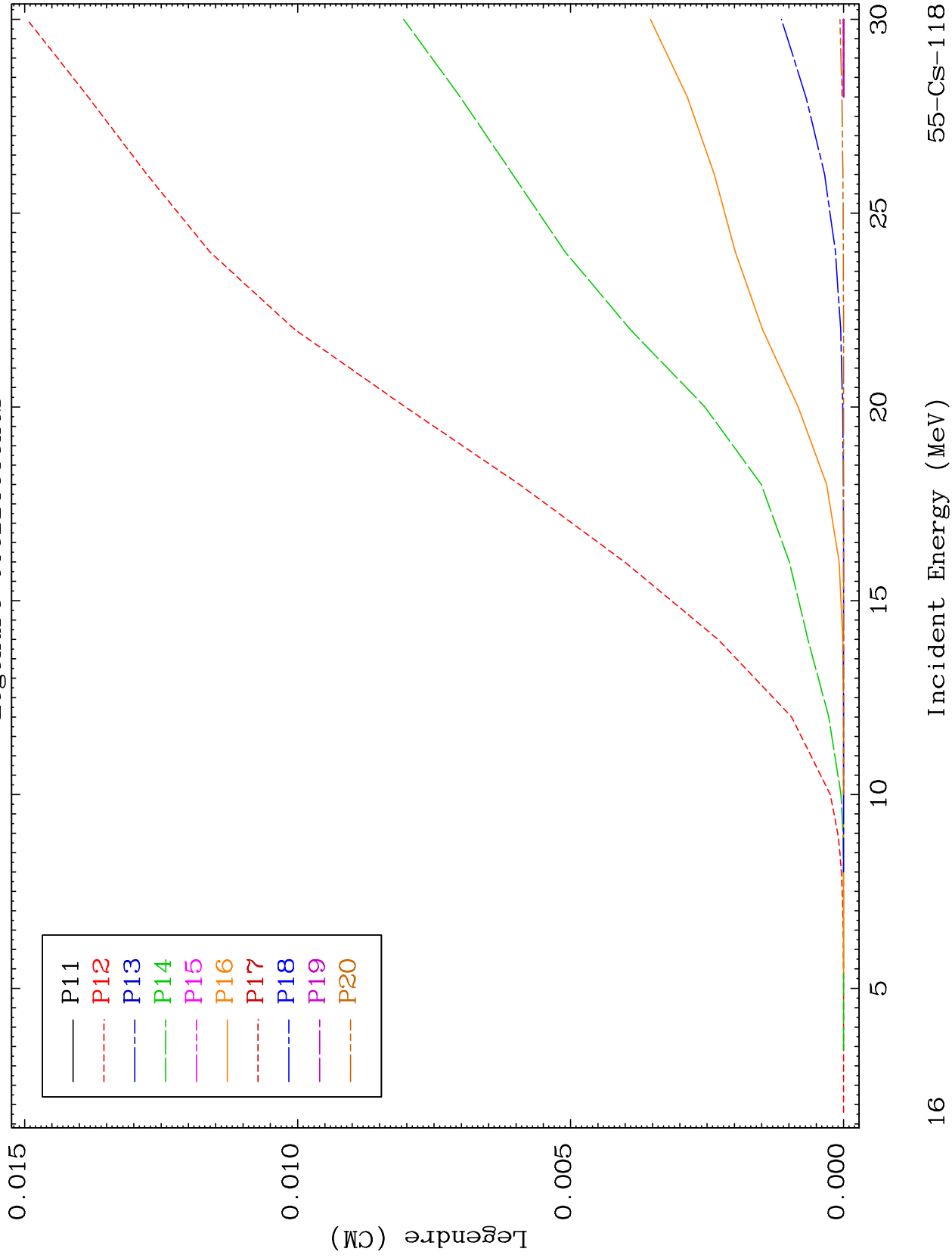




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Elastic Legendre Coefficients

55-Cs-118



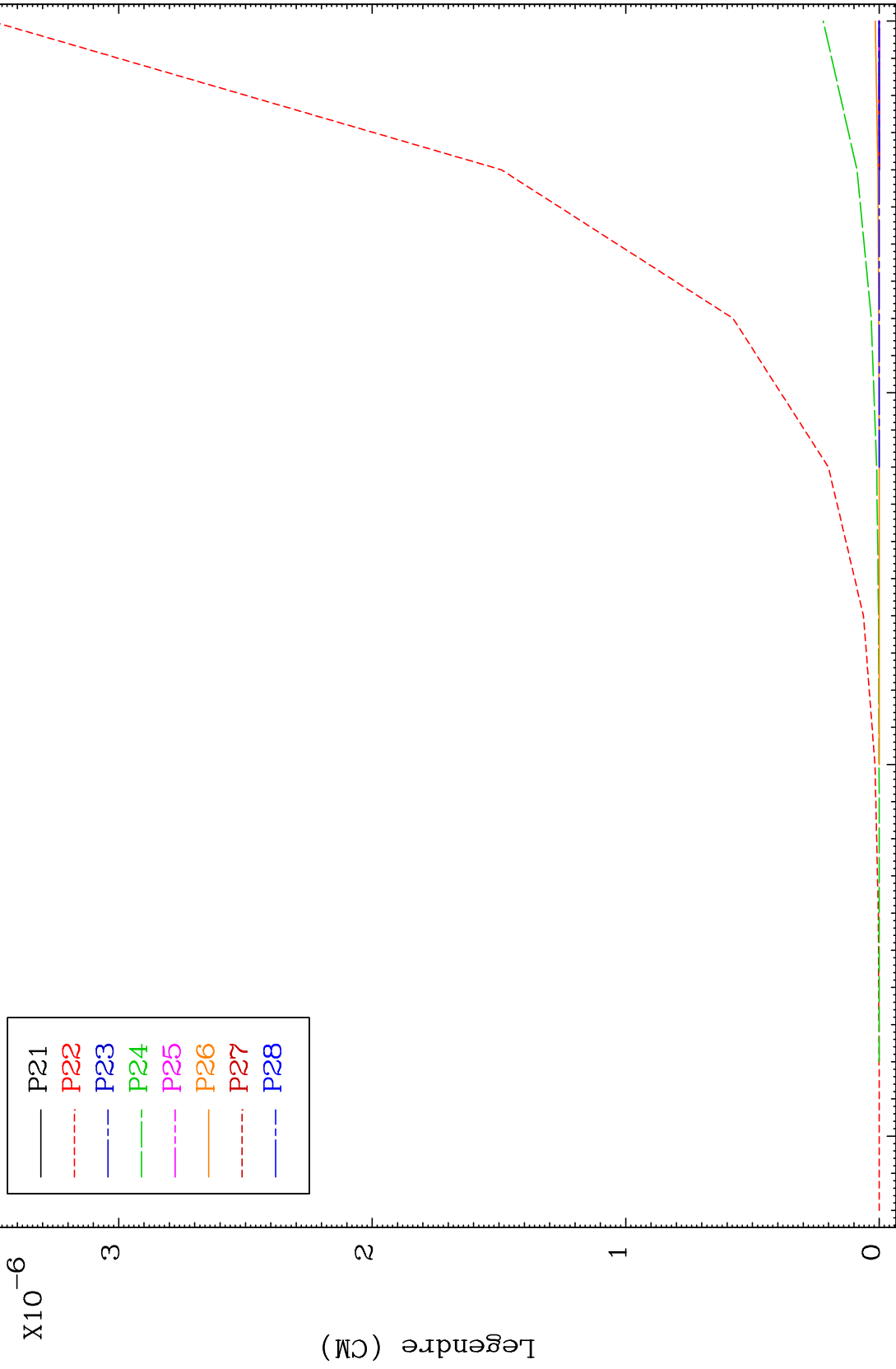
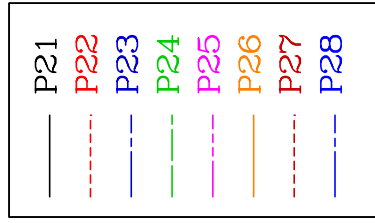
16

55-Cs-118

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Elastic Legendre Coefficients

55-Cs-118



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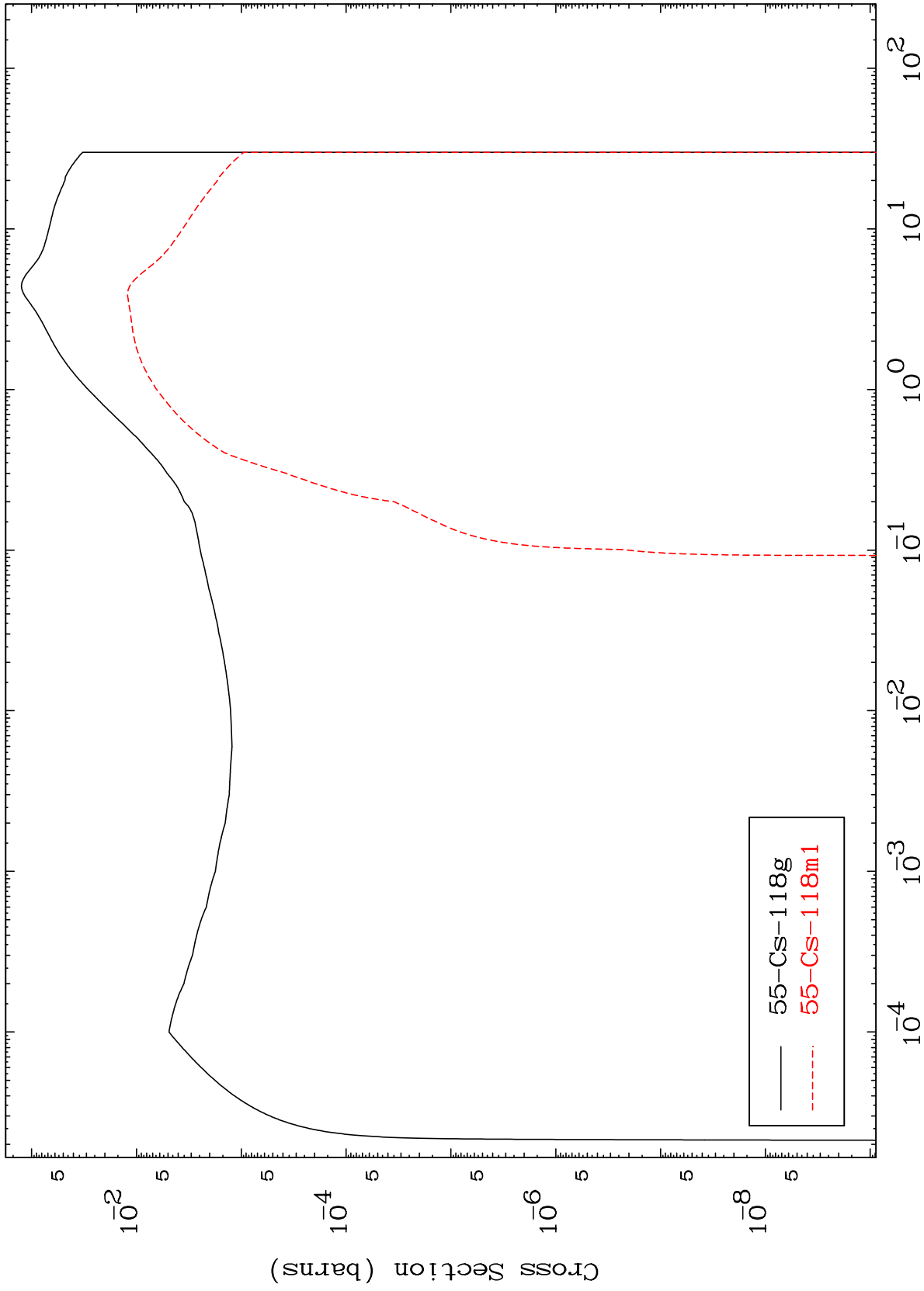
Incident Energy (MeV)

55-Cs-118

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55-Cs-118

Inelastic  
Radionuclide Production Cross Section



18

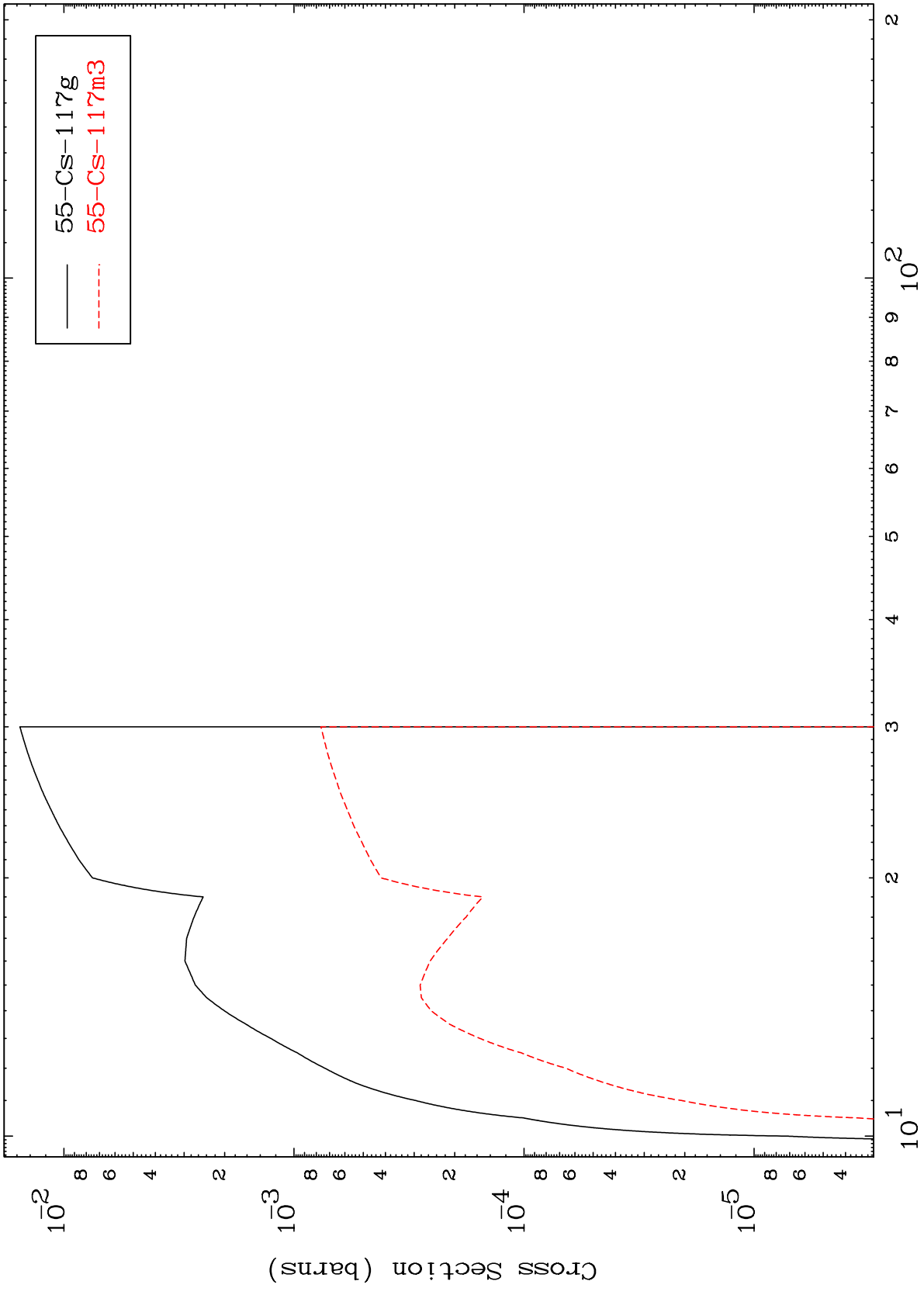
55-Cs-118

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(n,2n)

55-Cs-118

Radionuclide Production Cross Section



55-Cs-117g  
55-Cs-117m3

19

Incident Energy (MeV)

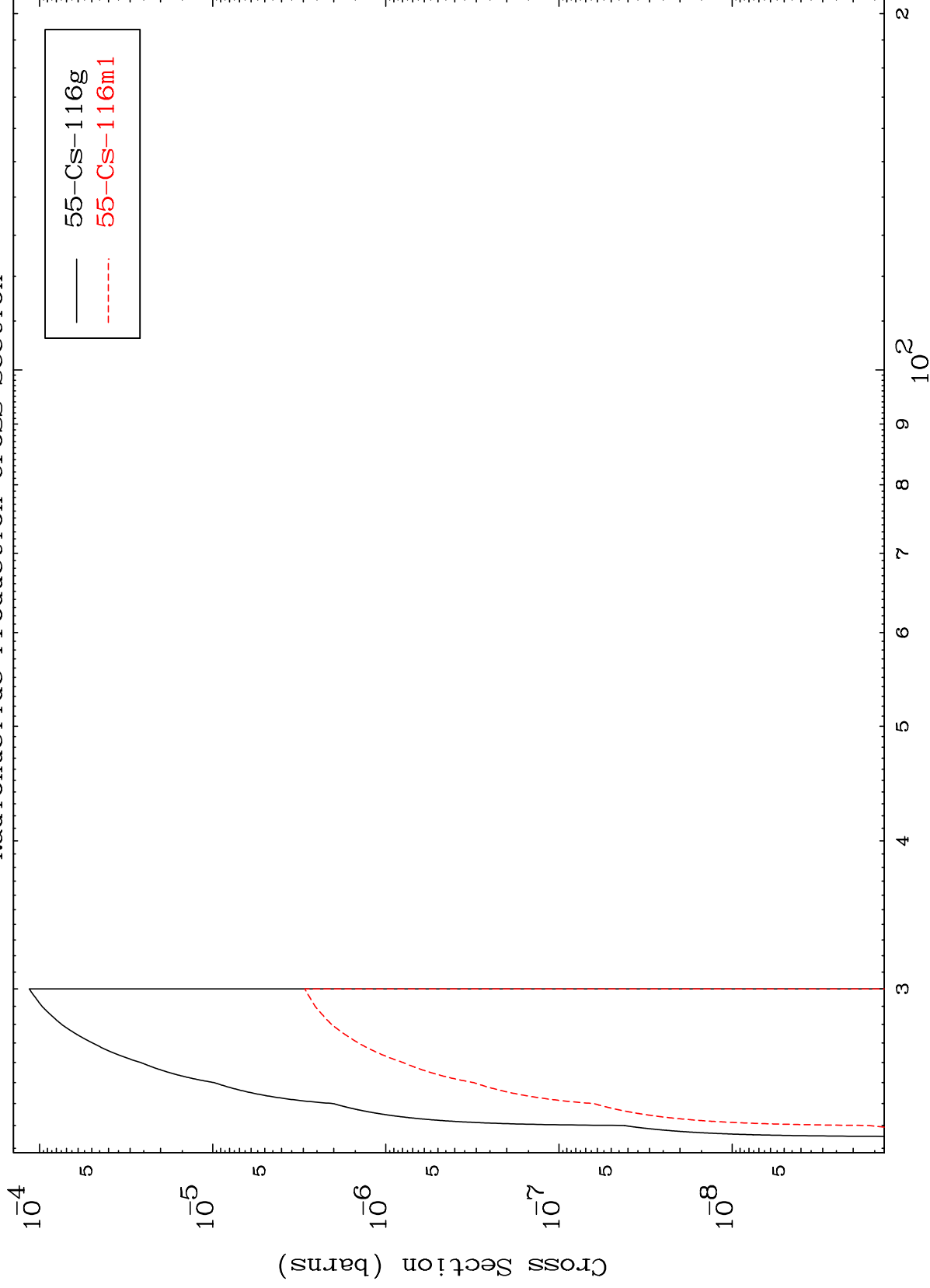
55-Cs-118

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(n,3n)

55-Cs-118

Radionuclide Production Cross Section



20

Incident Energy (MeV)

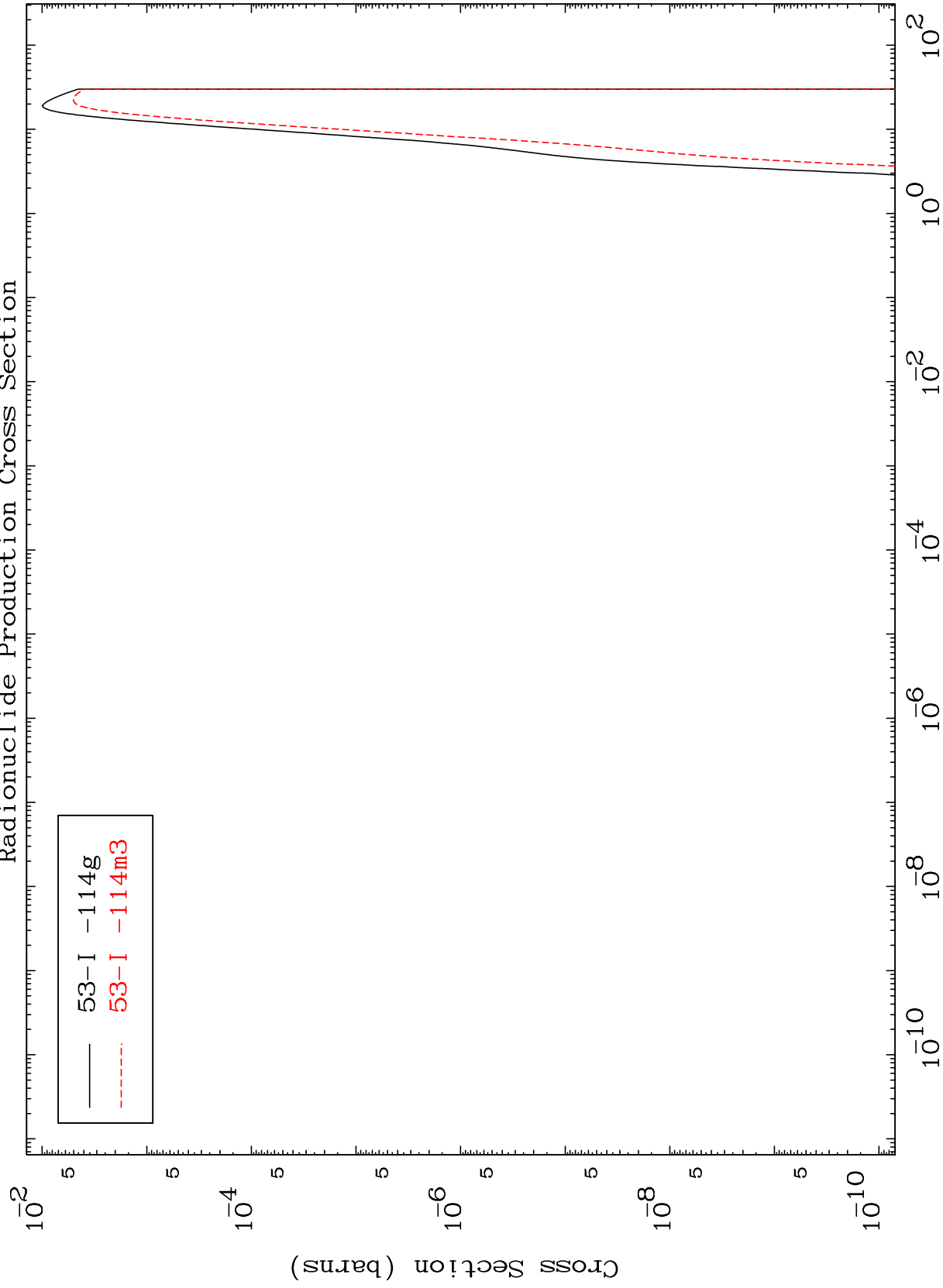
55-Cs-118

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(n,n')  $\alpha$

55-Cs-118

Radionuclide Production Cross Section

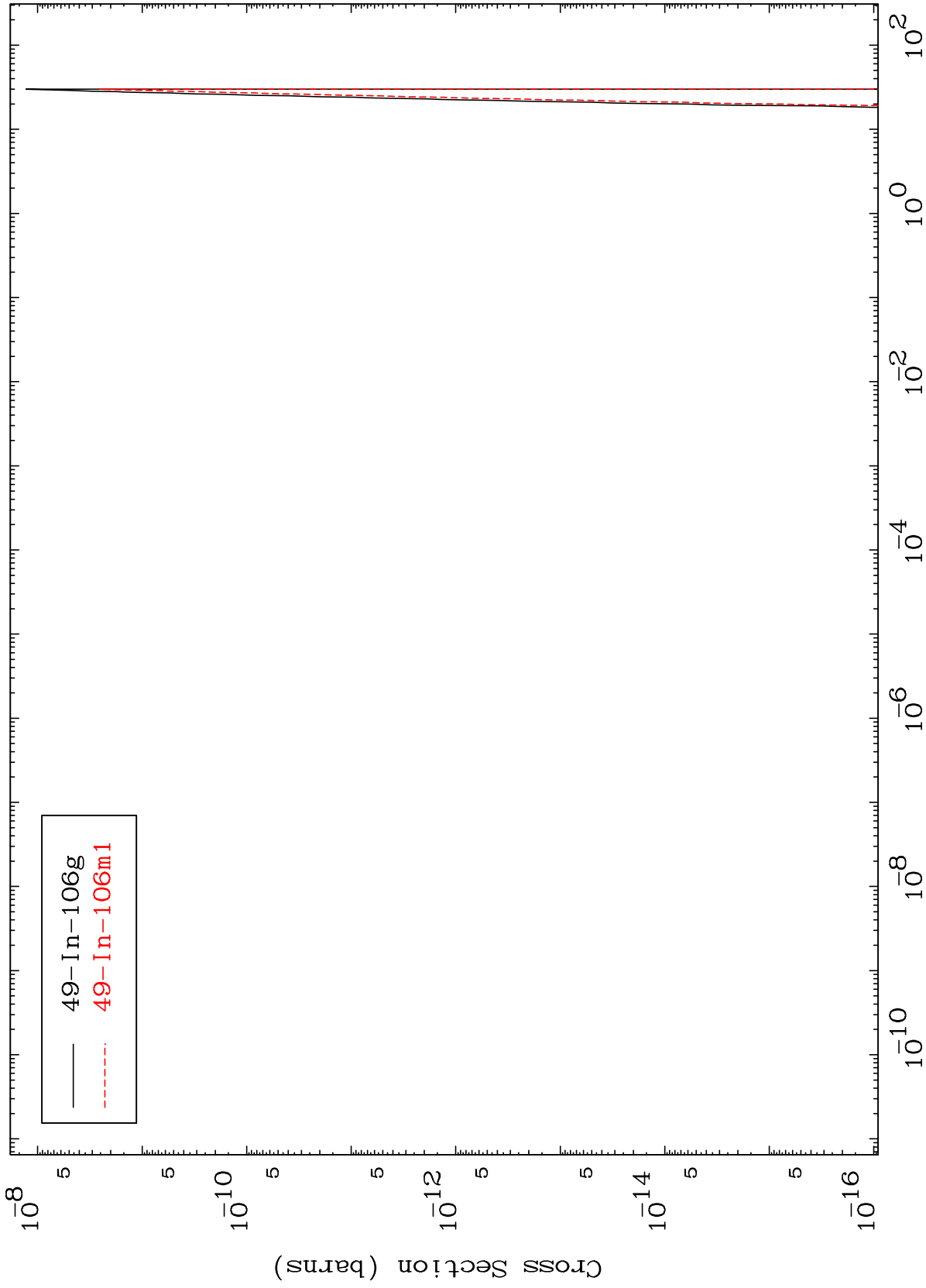


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(n,n') 3 $\alpha$

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Radionuclide Production Cross Section



22

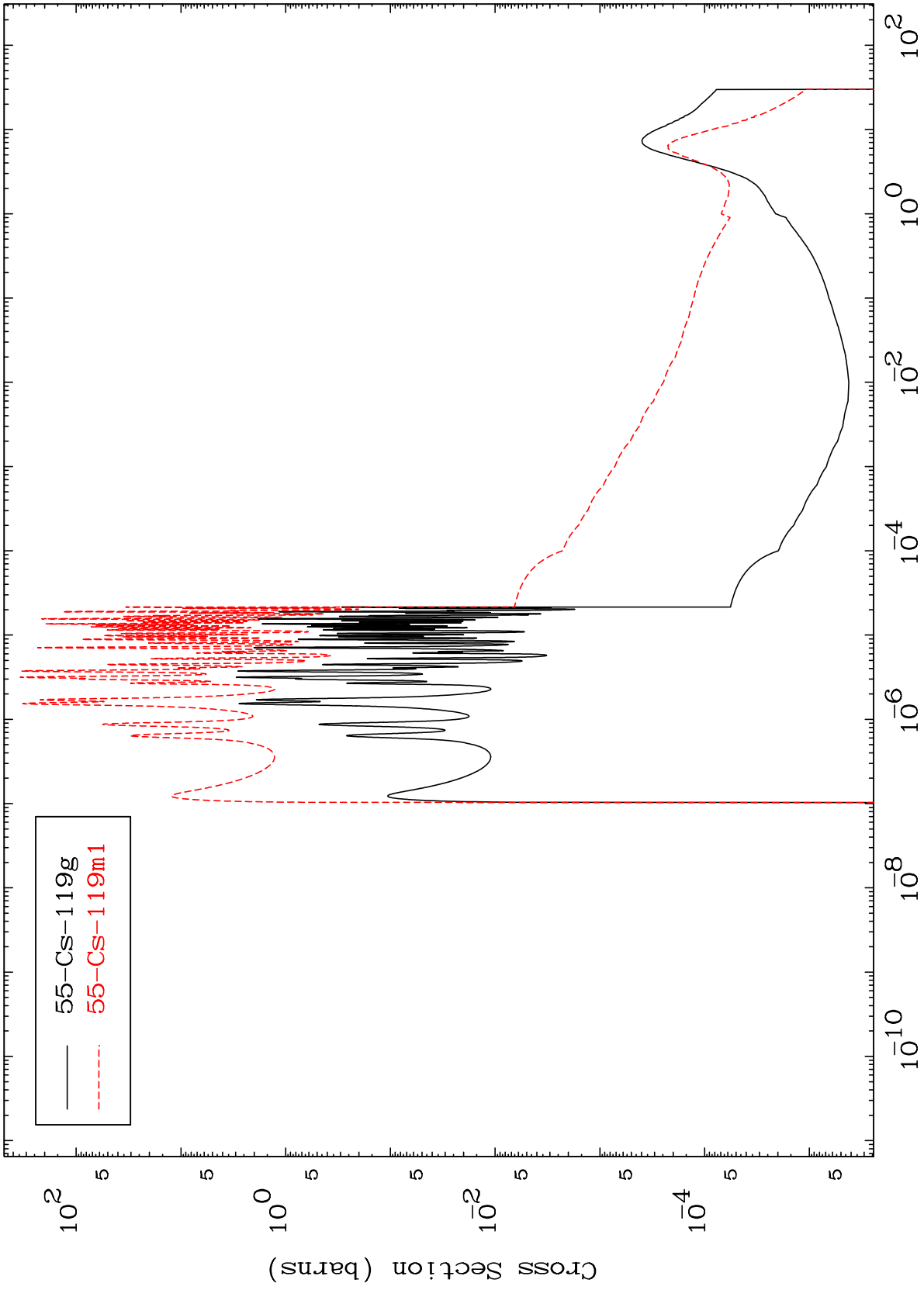
Incident Energy (MeV)

55-Cs-118

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Radionuclide Production Cross Section  
(n,γ)

55-Cs-118



55-Cs-118

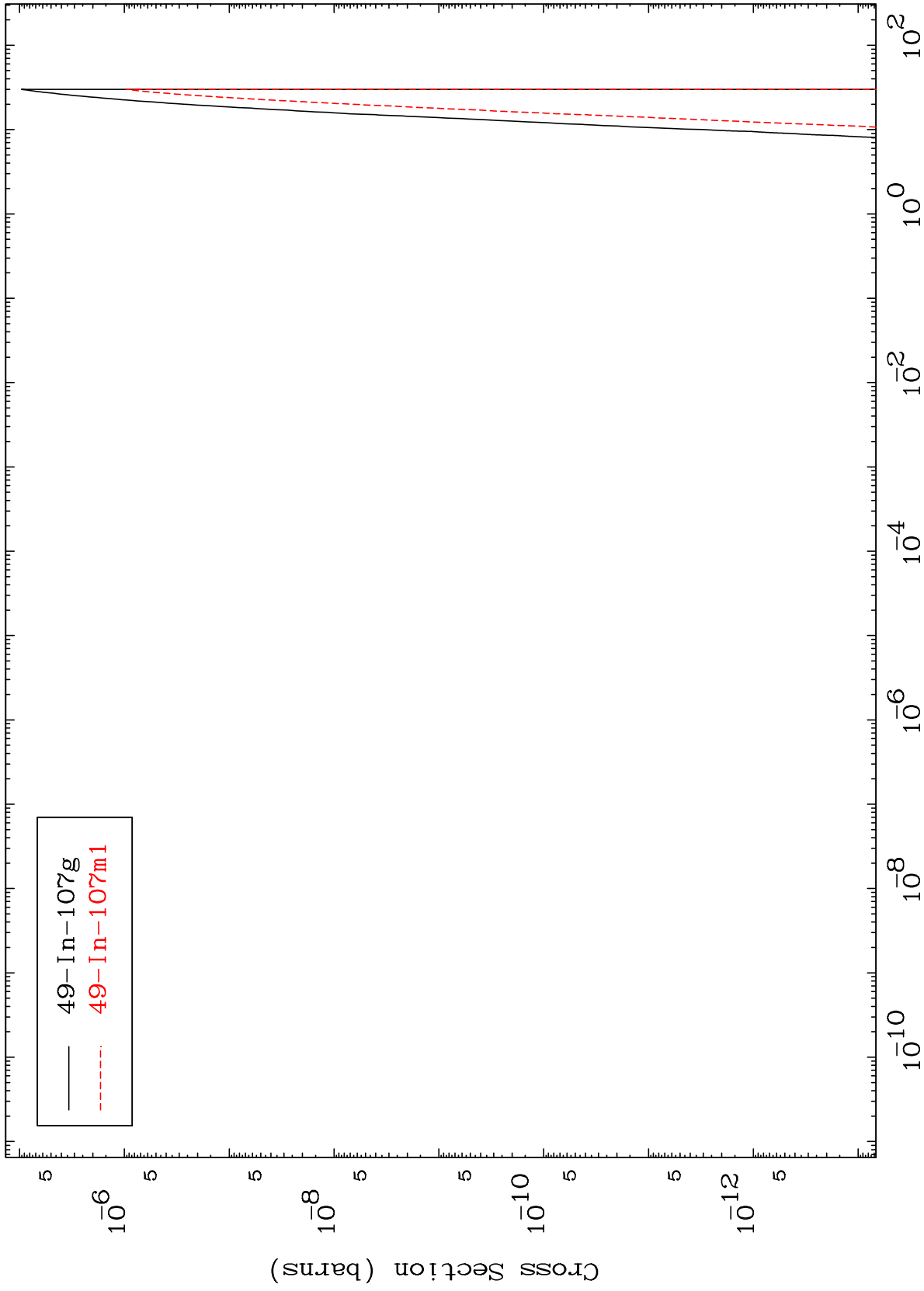


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(n,3α)

55-Cs-118

Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-118