

Program EVALPLOT  
(Version 2018-1)

by

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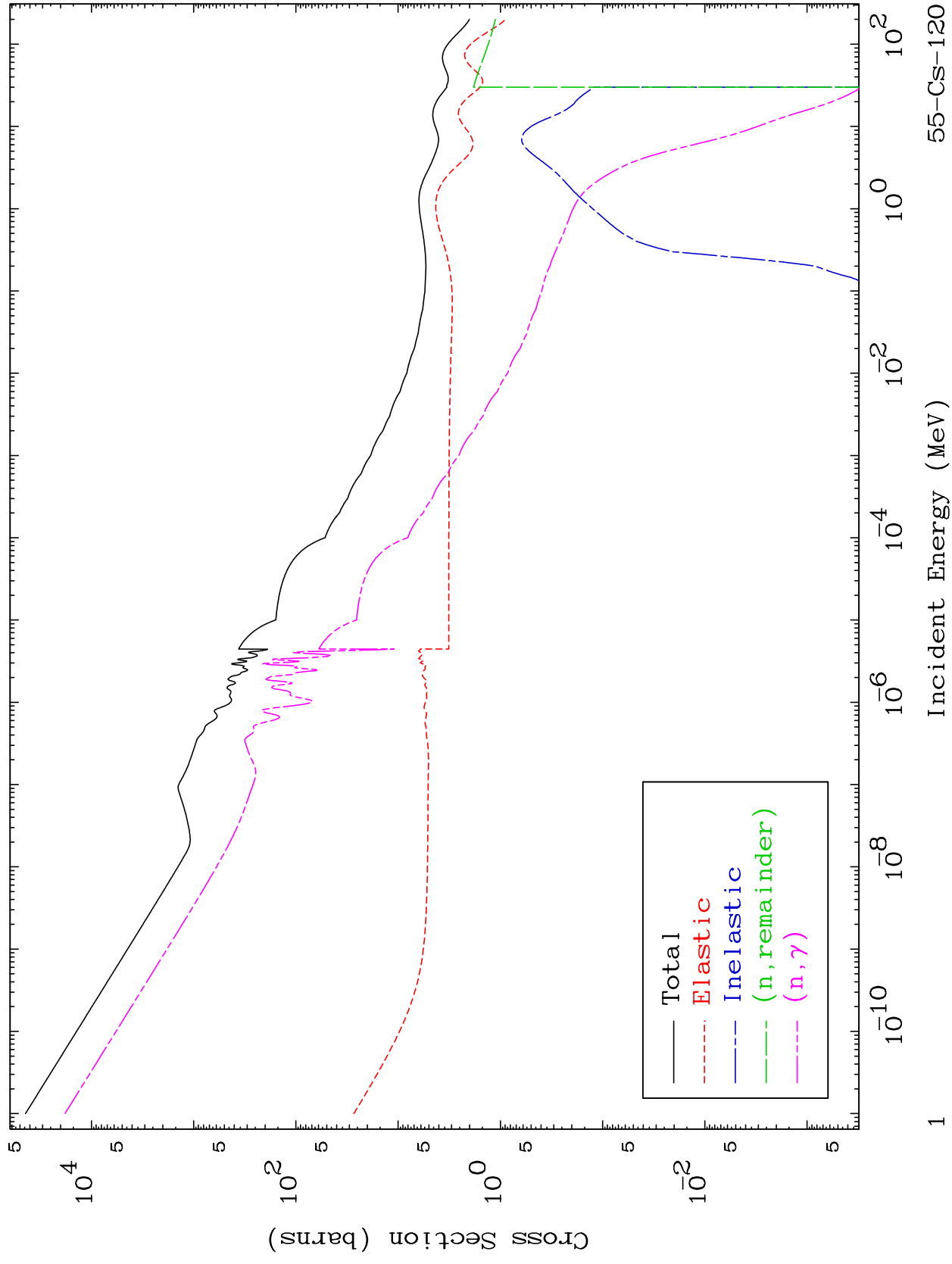
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5487

Major  
293 Kelvin Cross Sections

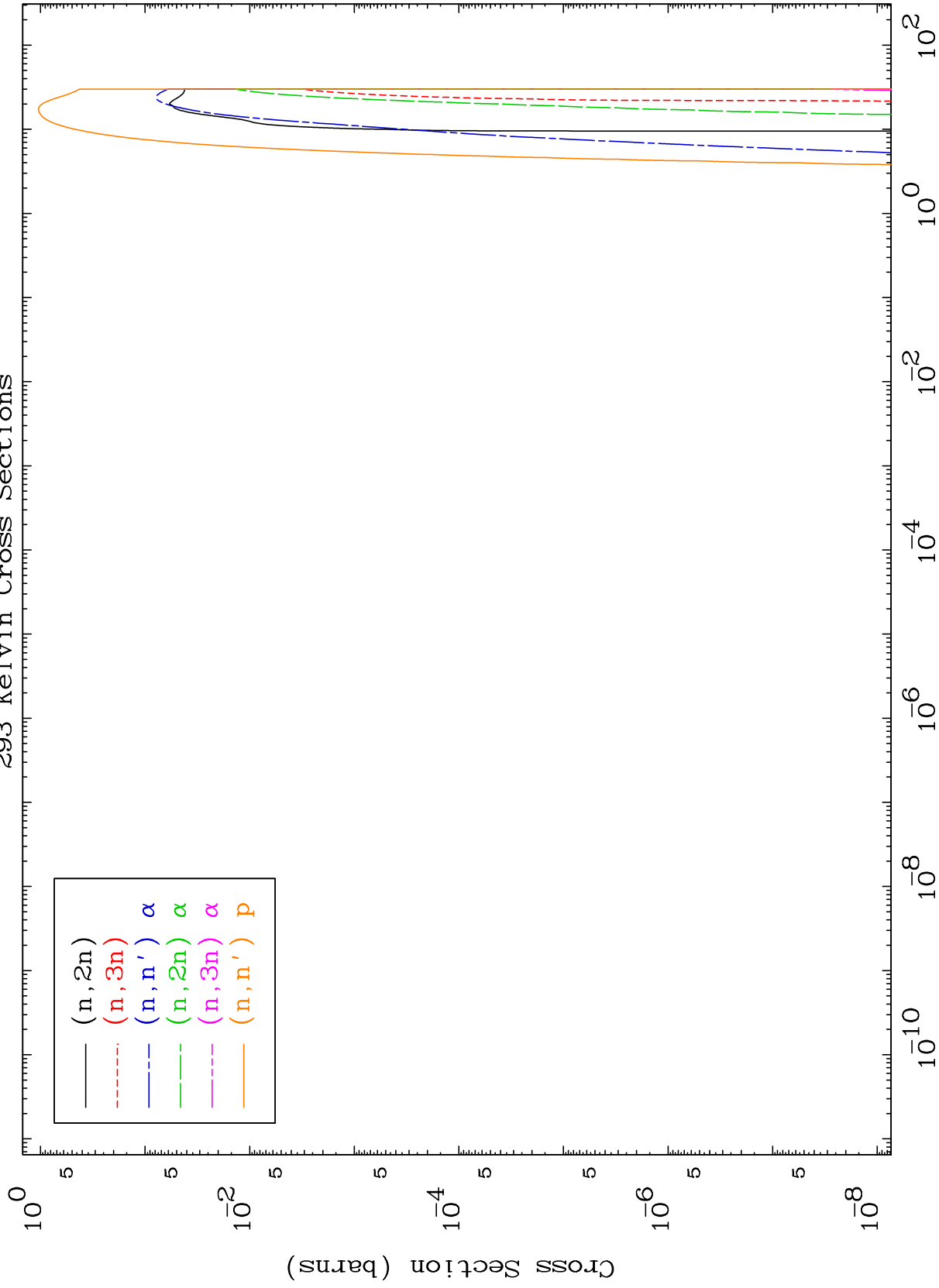
55-Cs-120



MAT 5487

Neutron Production  
293 Kelvin Cross Sections

55-Cs-120



2

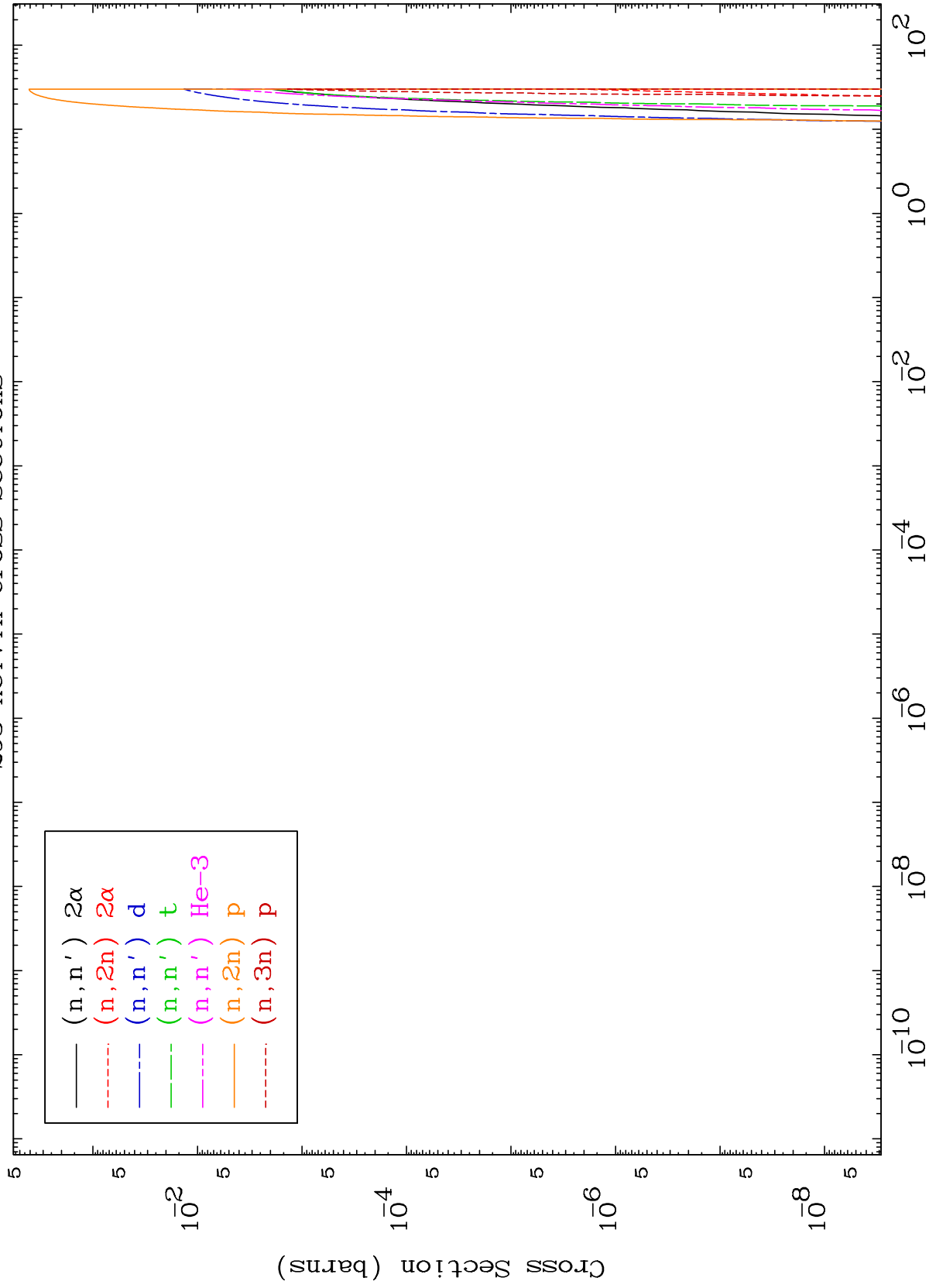
Incident Energy (MeV)

55-Cs-120

MAT 5487

Neutron Production  
293 Kelvin Cross Sections

55-Cs-120

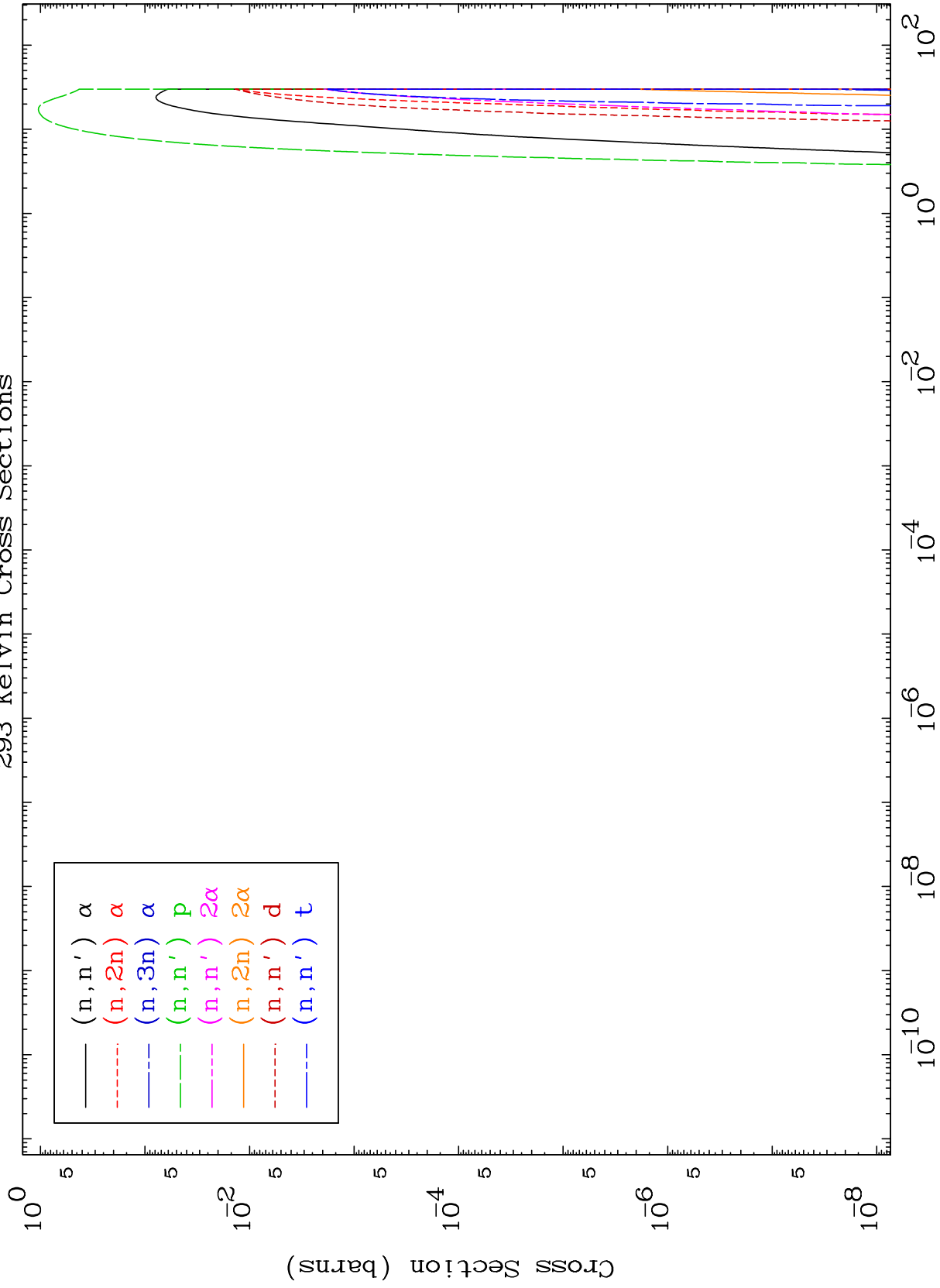


55-Cs-120

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293 Kelvin Cross Sections

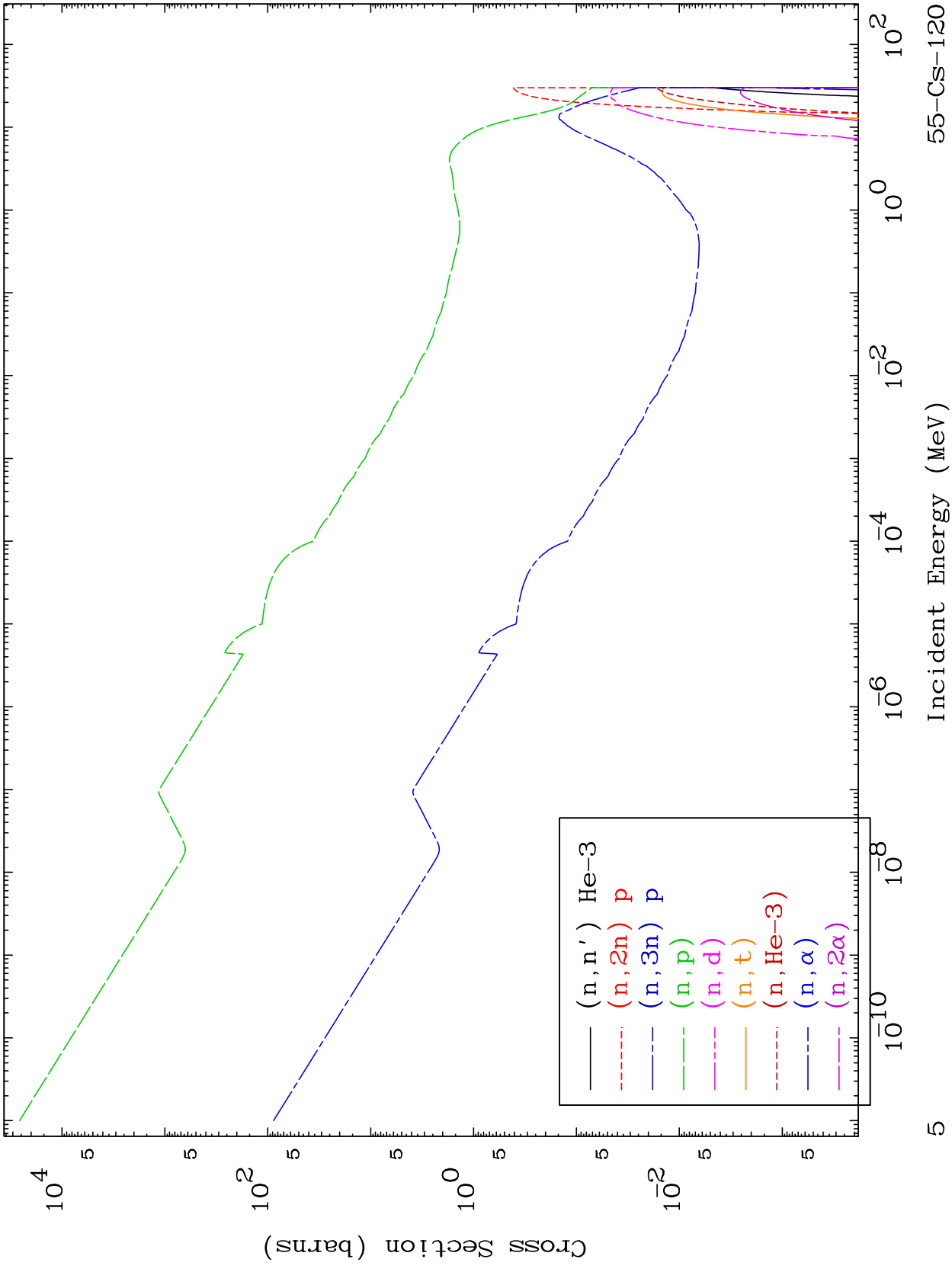
55-Cs-120



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Charged Particle  
293 Kelvin Cross Sections

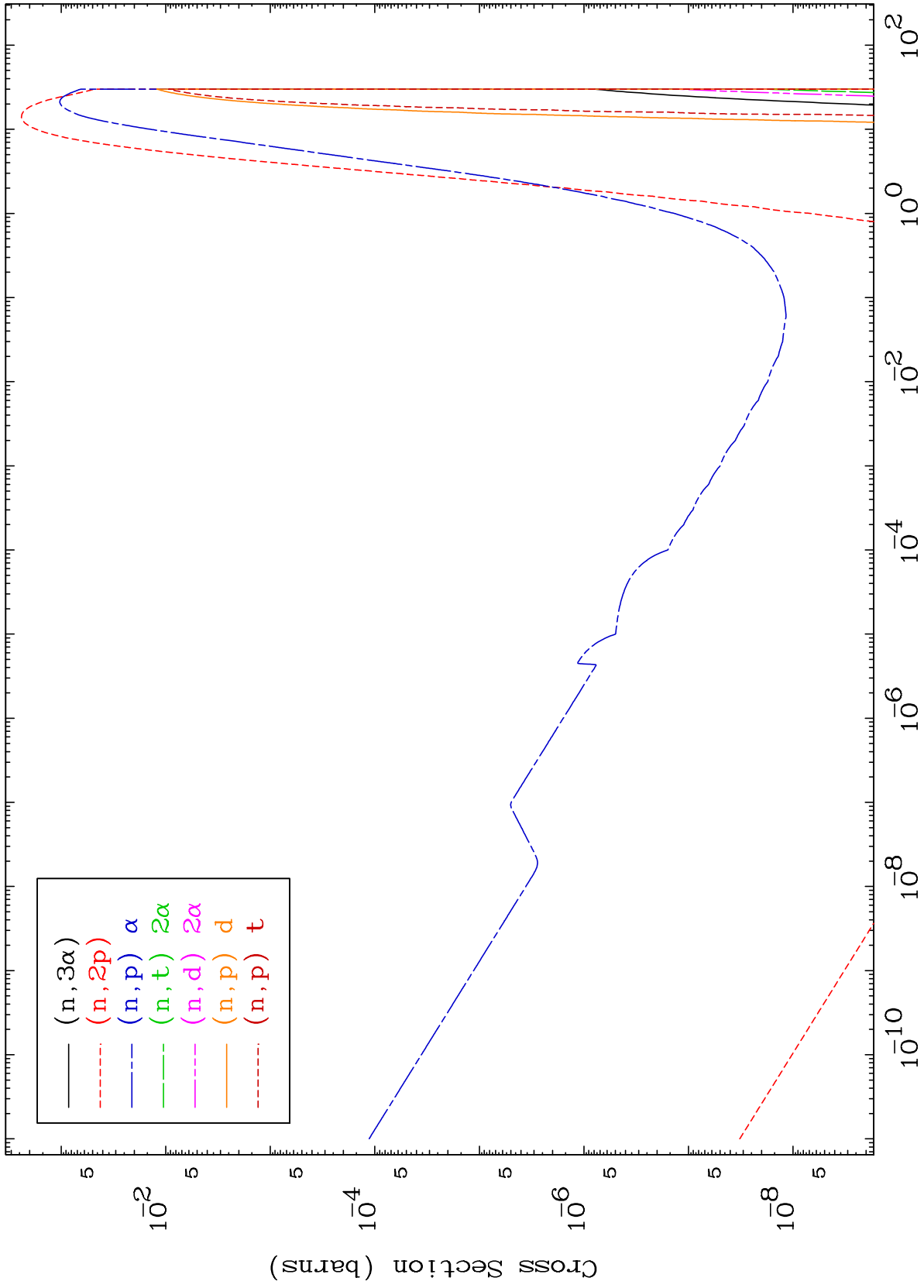
55-Cs-120



MAT 5487

293 Kelvin Cross Sections

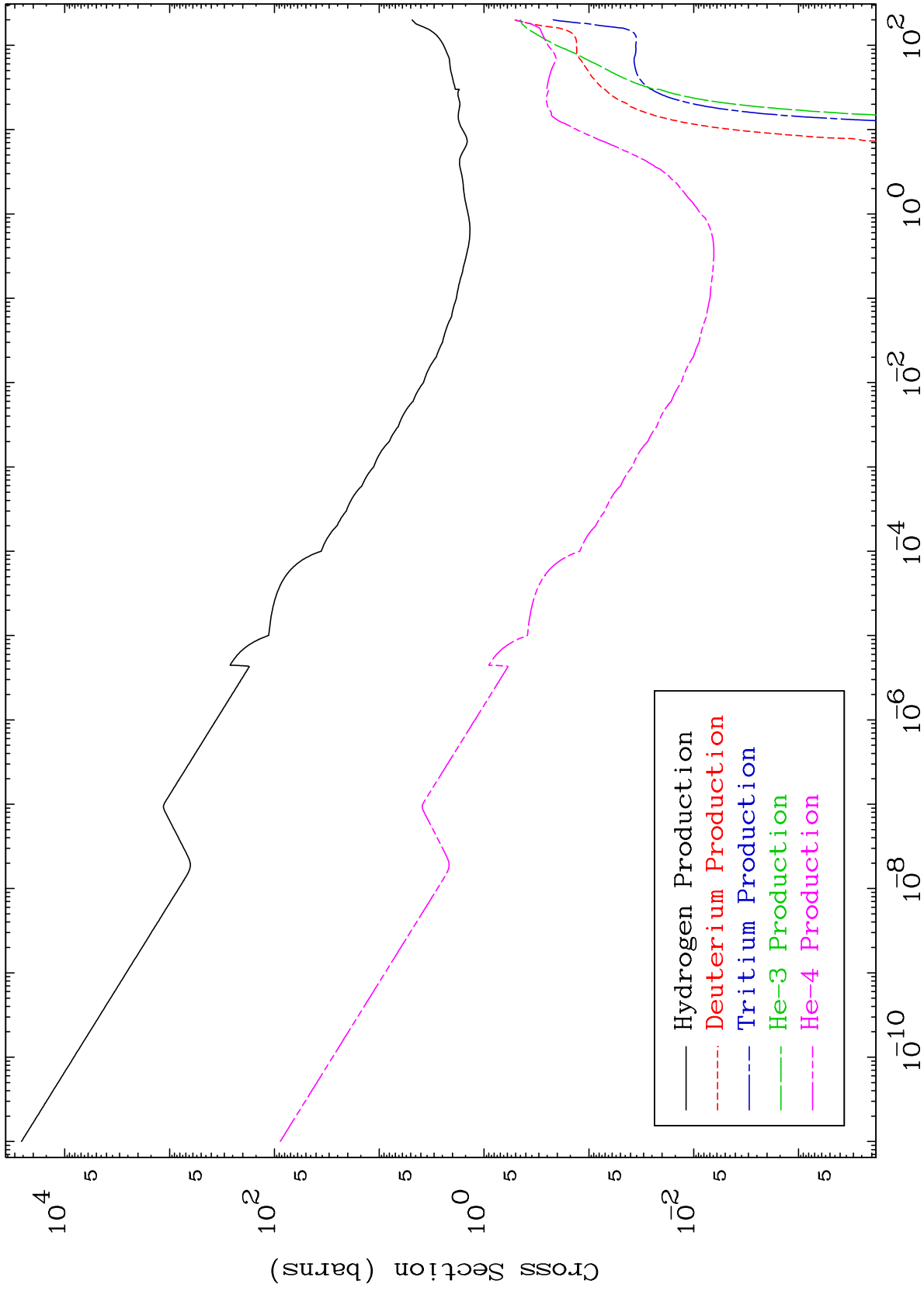
55-Cs-120



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Particle Production  
293 Kelvin Cross Sections

55-Cs-120

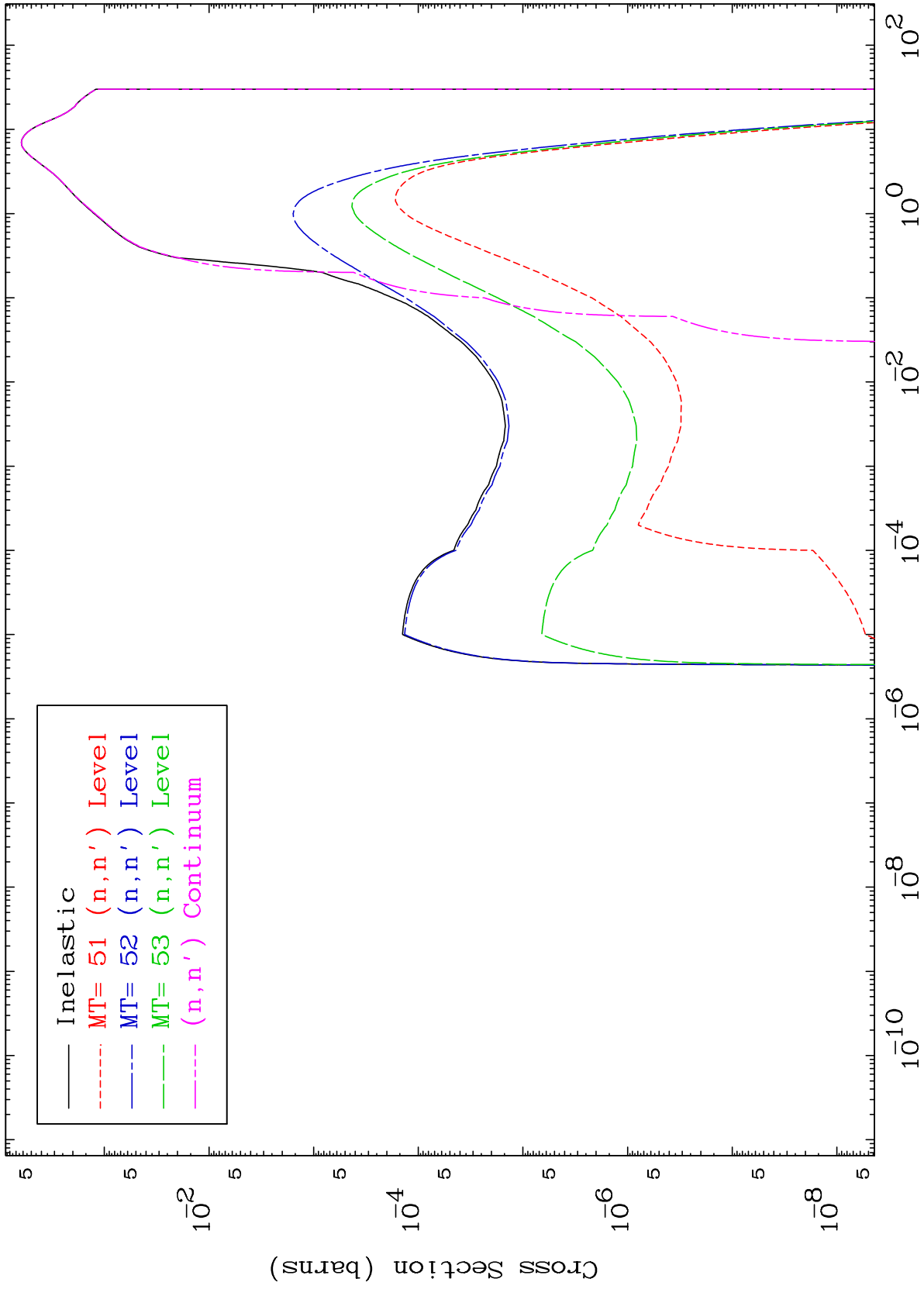




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(n,n') Level  
293 Kelvin Cross Sections

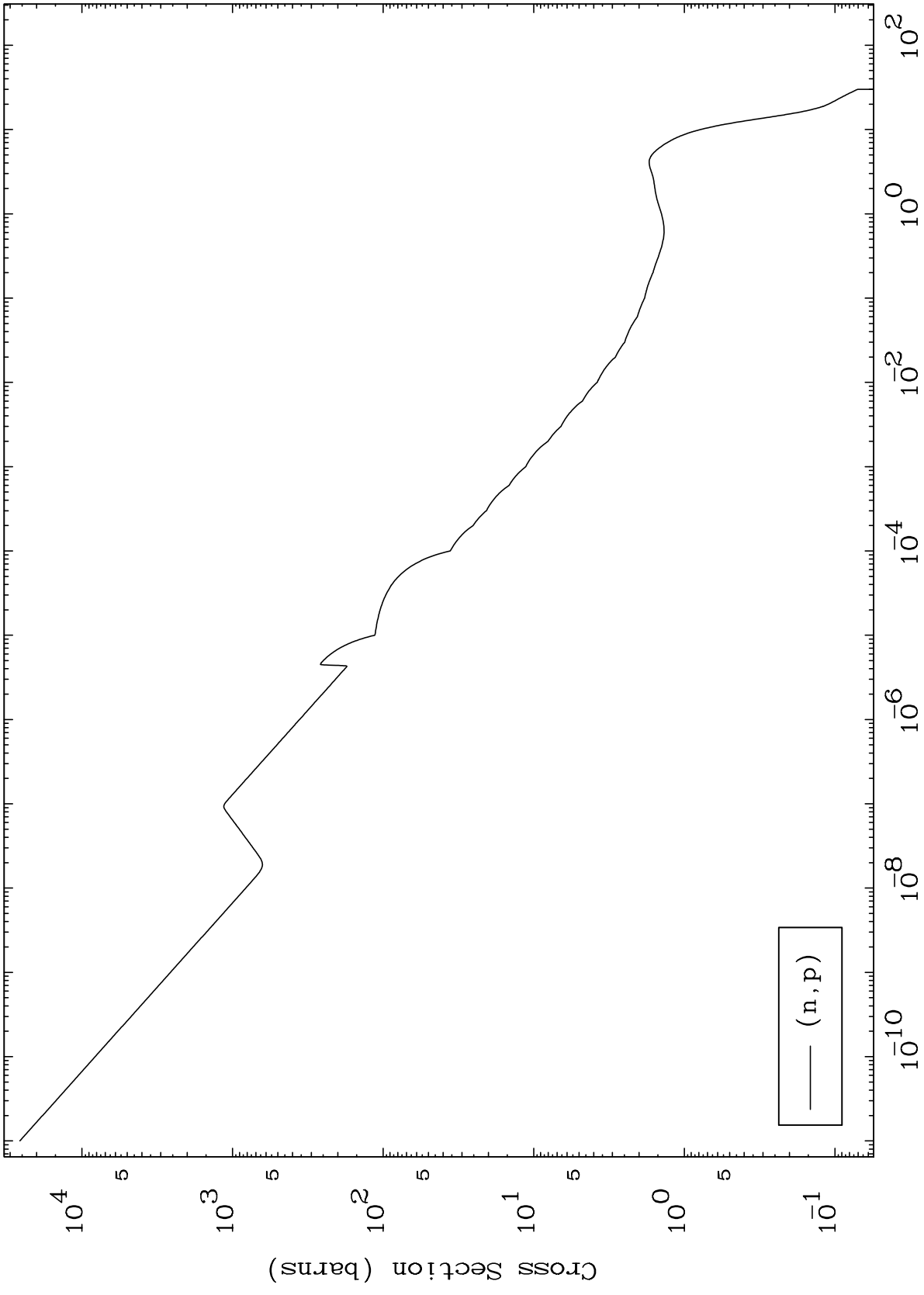
55-Cs-120



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(n,p) Levels  
293 Kelvin Cross Sections

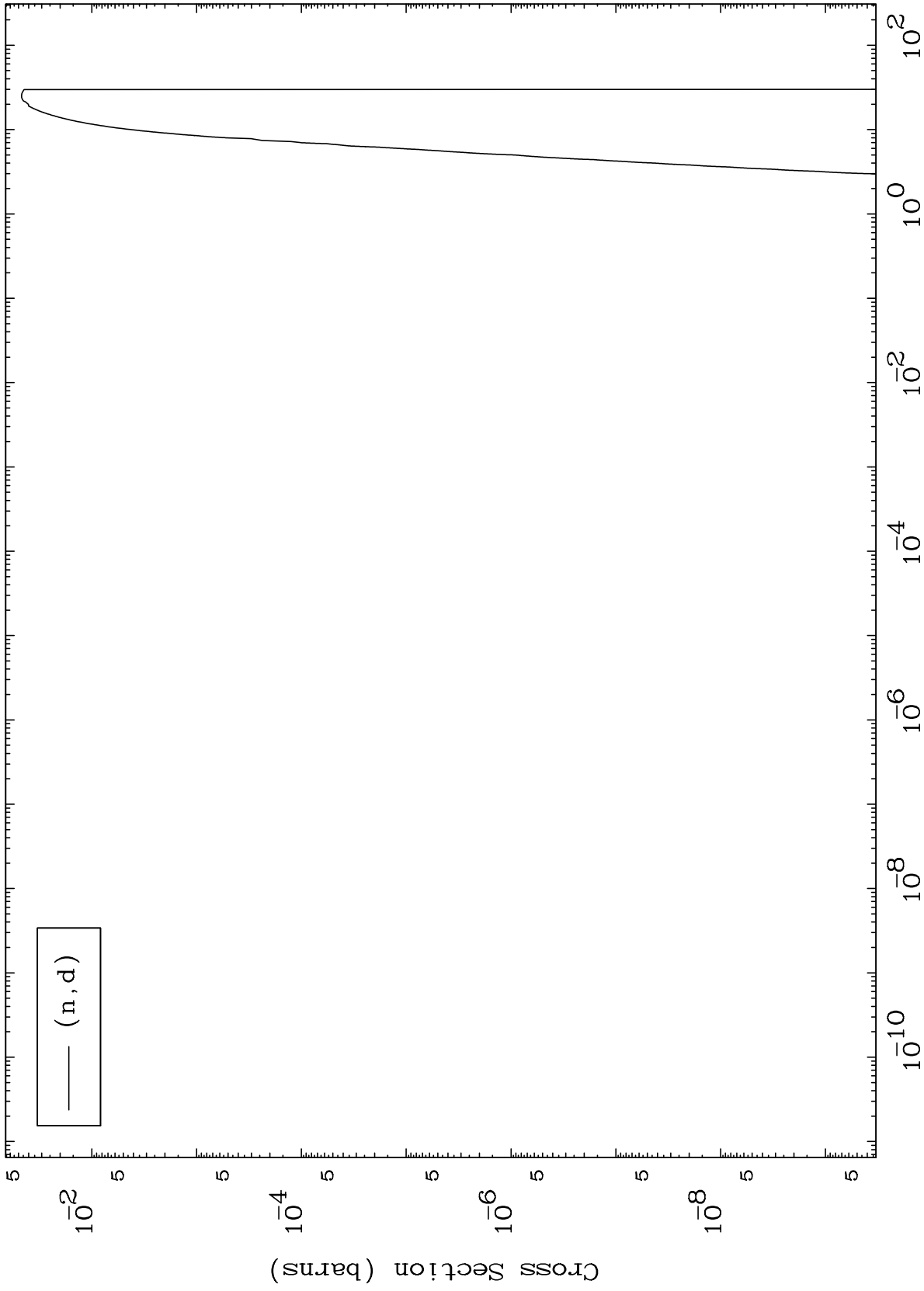
55-Cs-120



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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-120



10

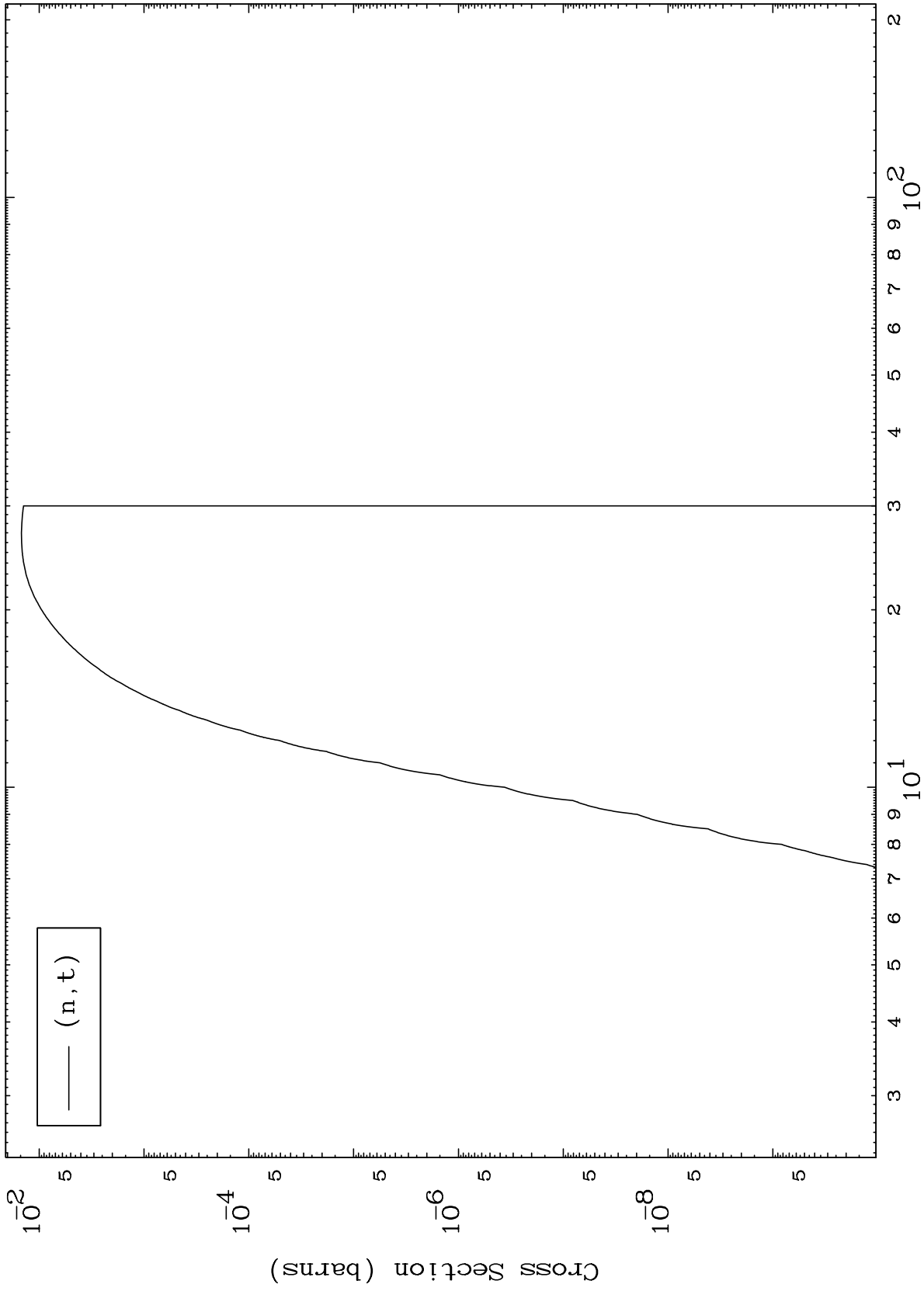
Incident Energy (MeV)

55-Cs-120

MAT 5487

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-120



11

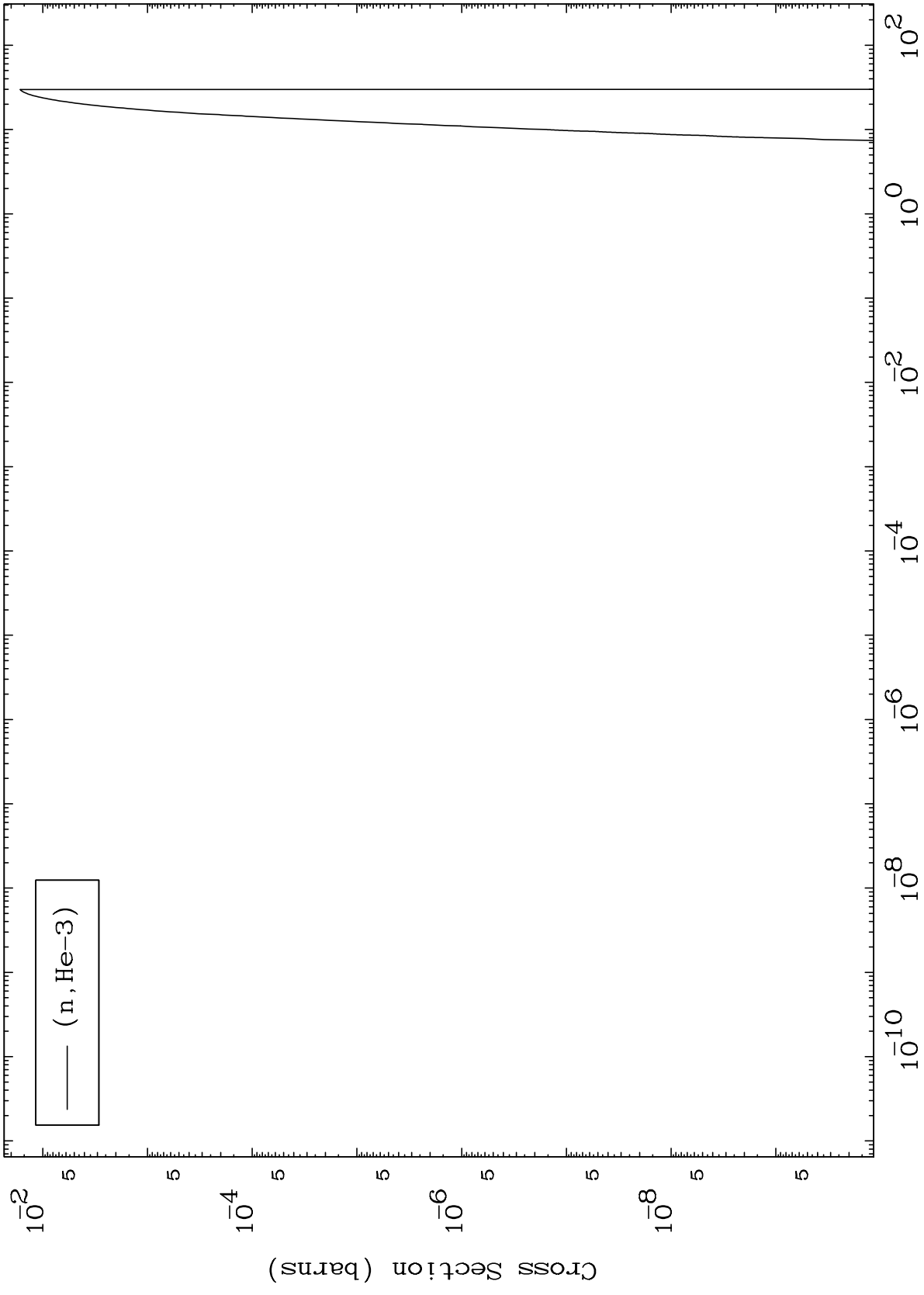
Incident Energy (MeV)

55-Cs-120

MAT 5487

(n,He3) Levels  
293 Kelvin Cross Sections

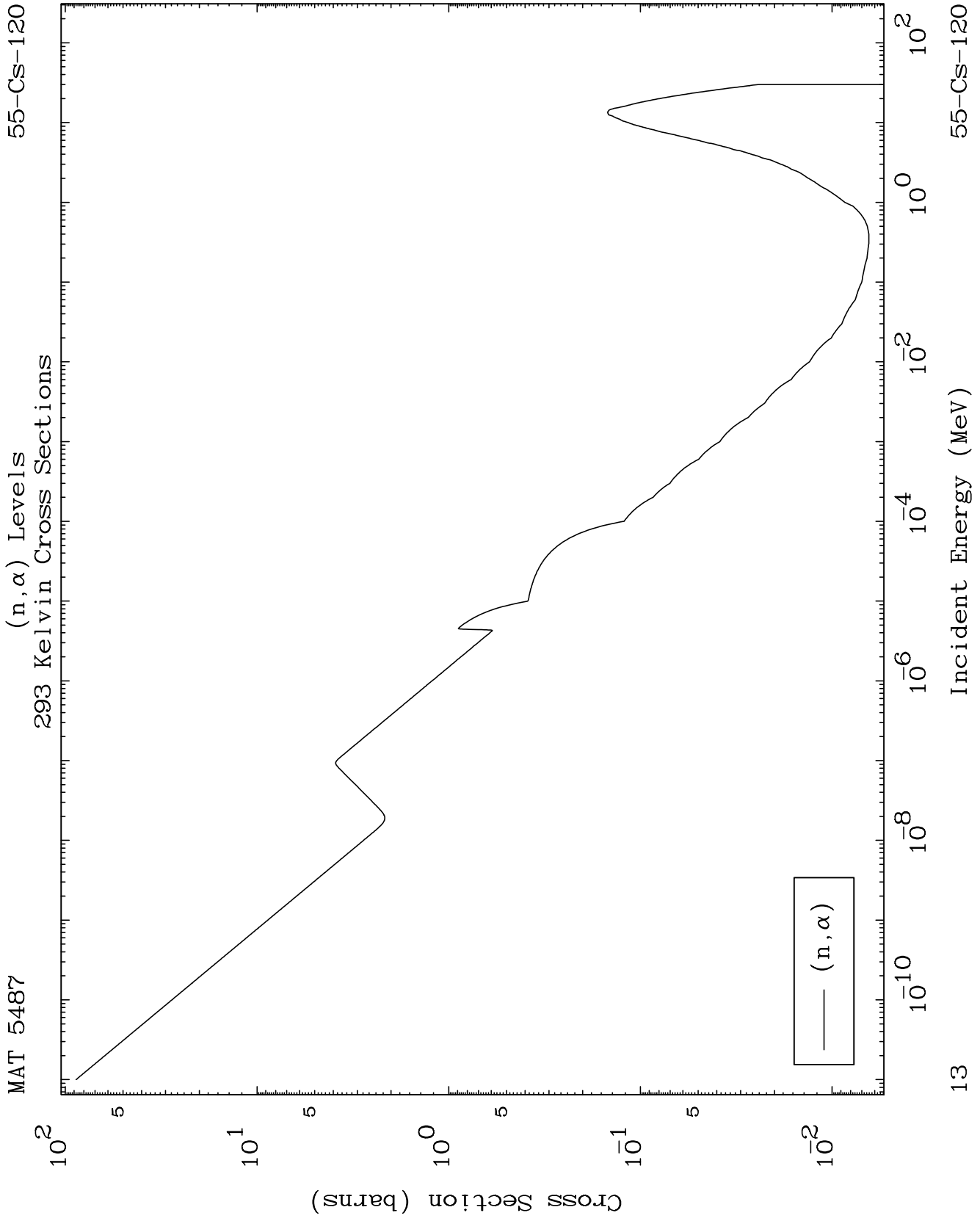
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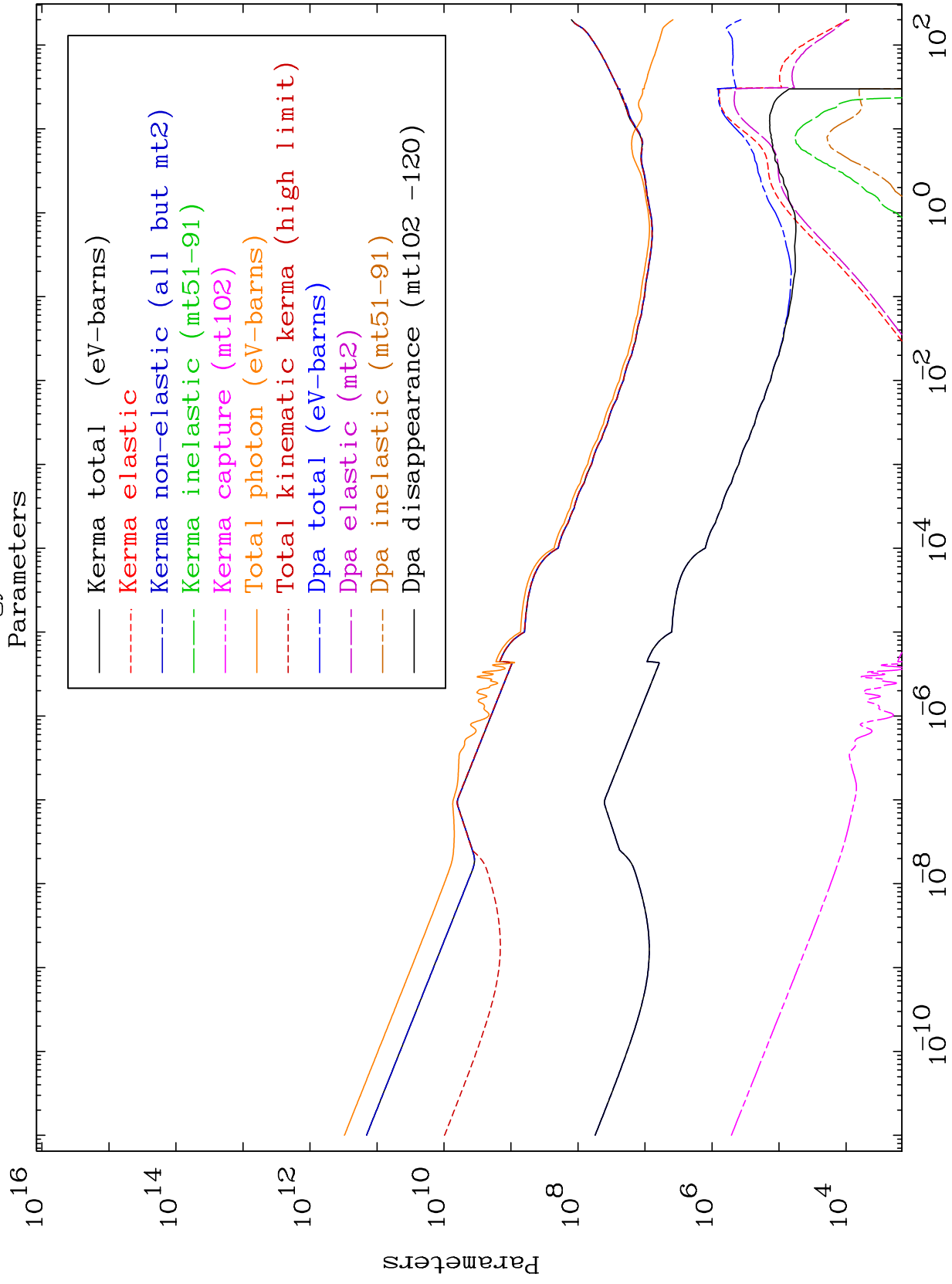


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Incident Energy (MeV)

55-Cs-120





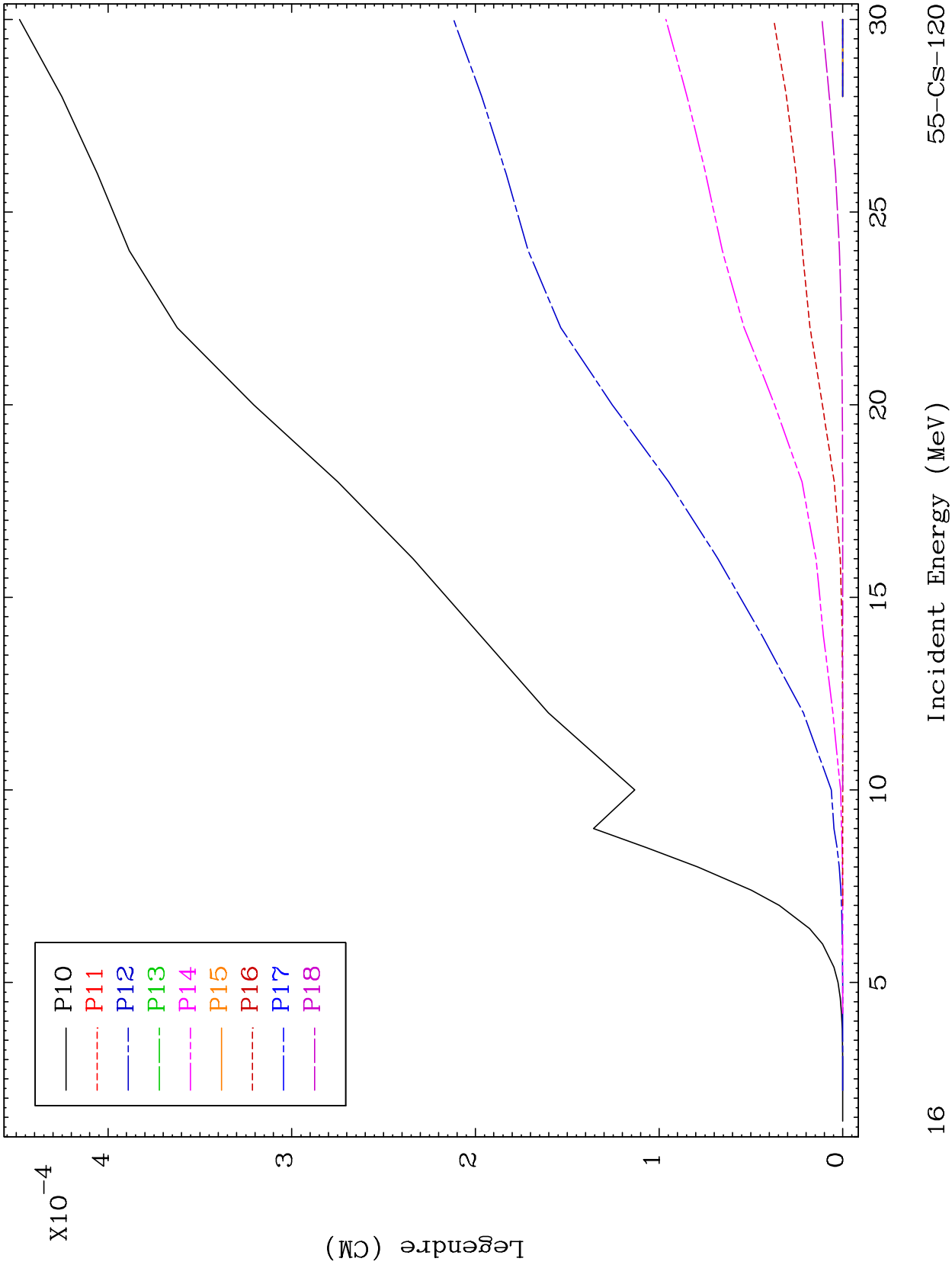




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Elastic Legendre Coefficients

55-Cs-120



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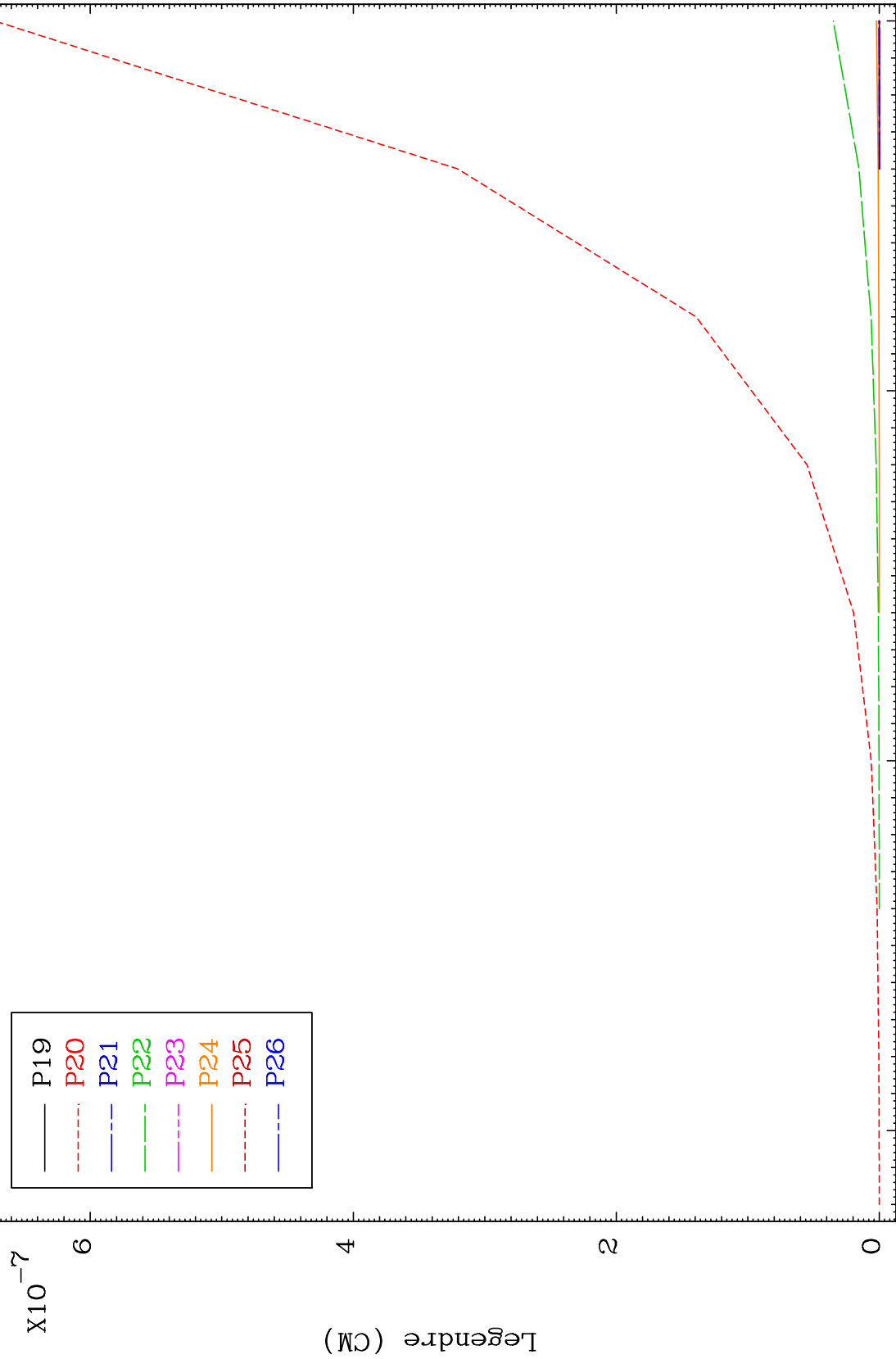
Incident Energy (MeV)

55-Cs-120

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Elastic Legendre Coefficients

55-Cs-120



17

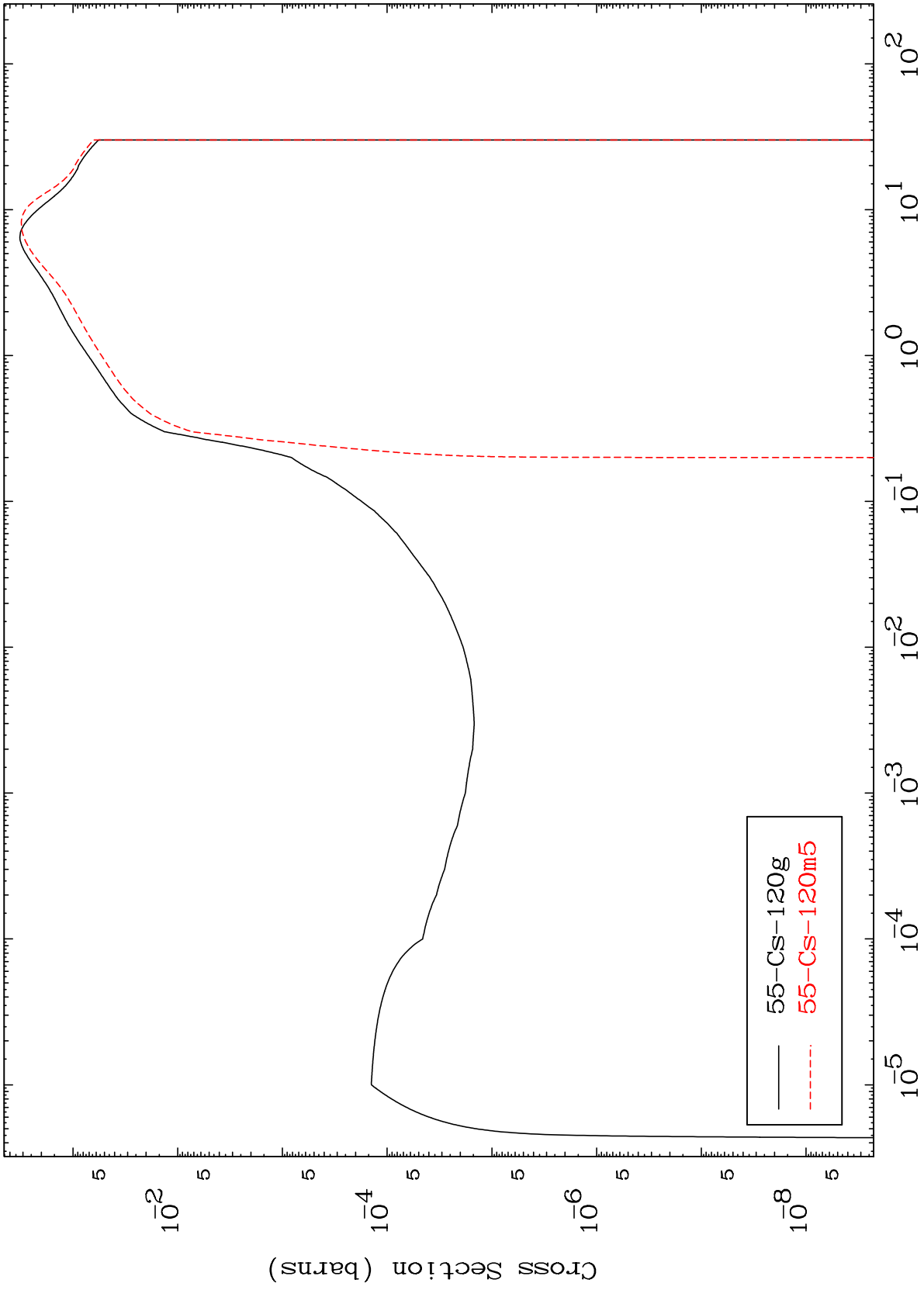
Incident Energy (MeV)

55-Cs-120

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# Inelastic Radionuclide Production Cross Section

55-Cs-120

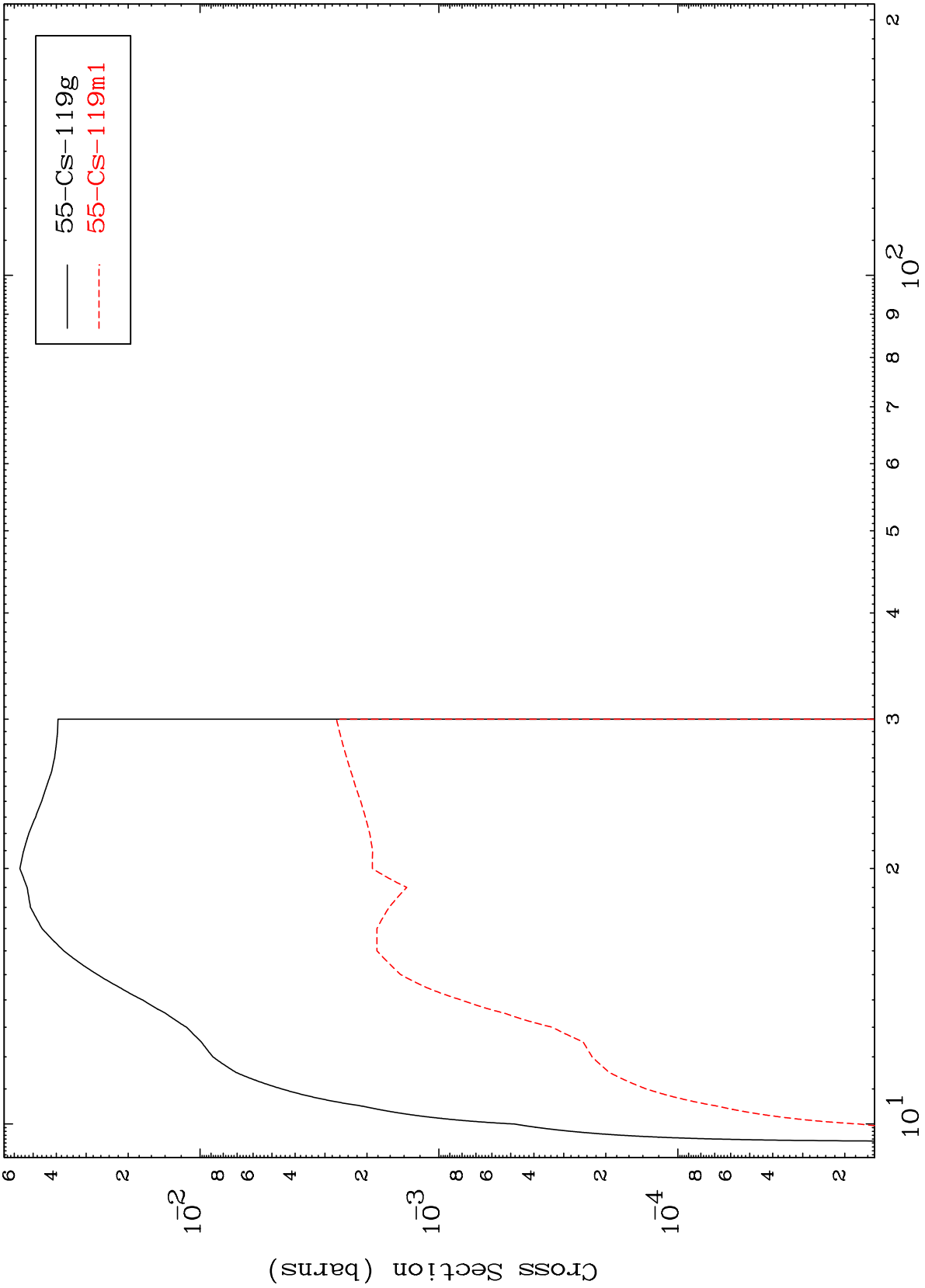


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(n,2n)

55-Cs-120

Radionuclide Production Cross Section



55-Cs-119g  
55-Cs-119m1

Incident Energy (MeV)

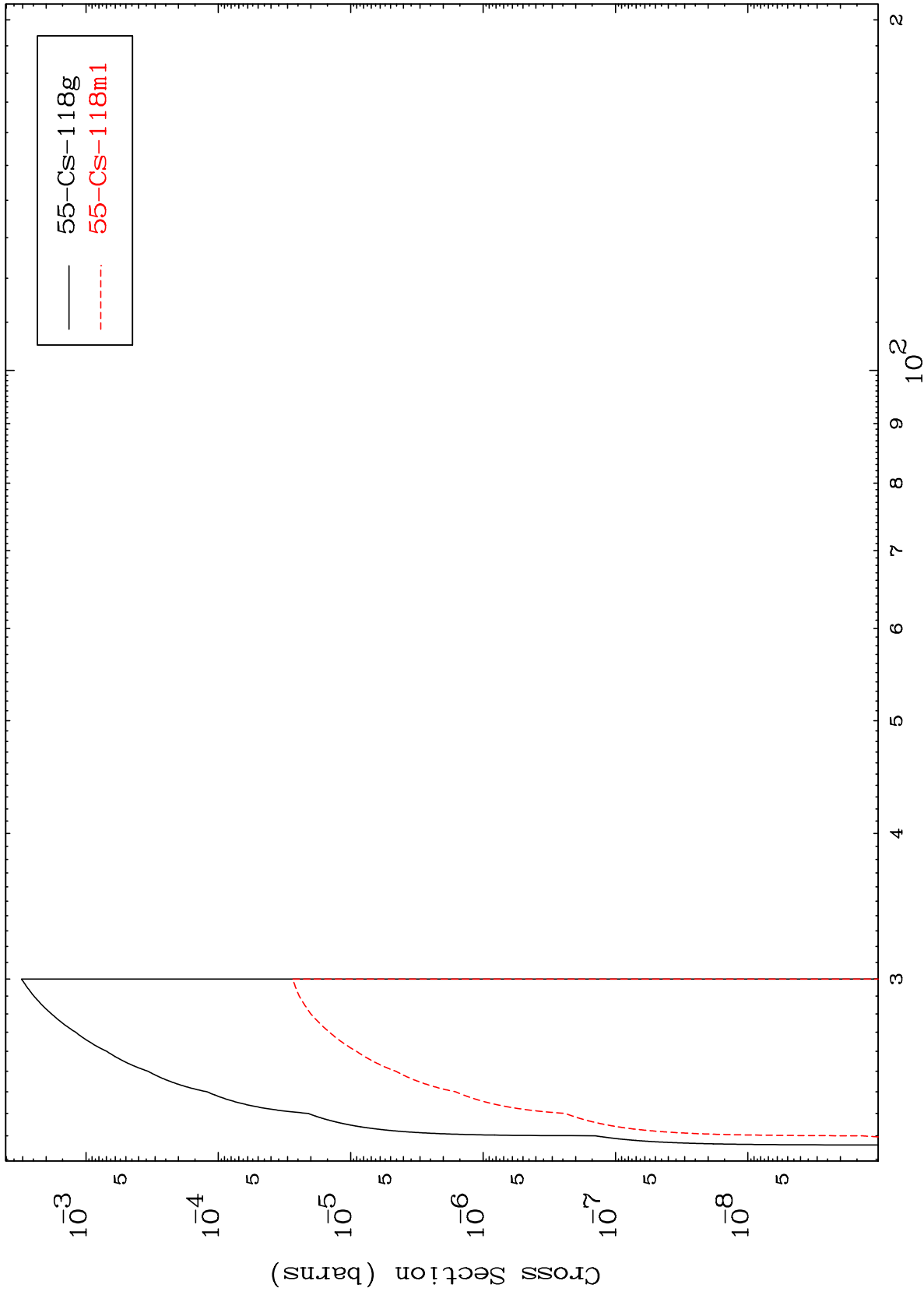
55-Cs-120

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(n,3n)

55-Cs-120

Radionuclide Production Cross Section



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Incident Energy (MeV)

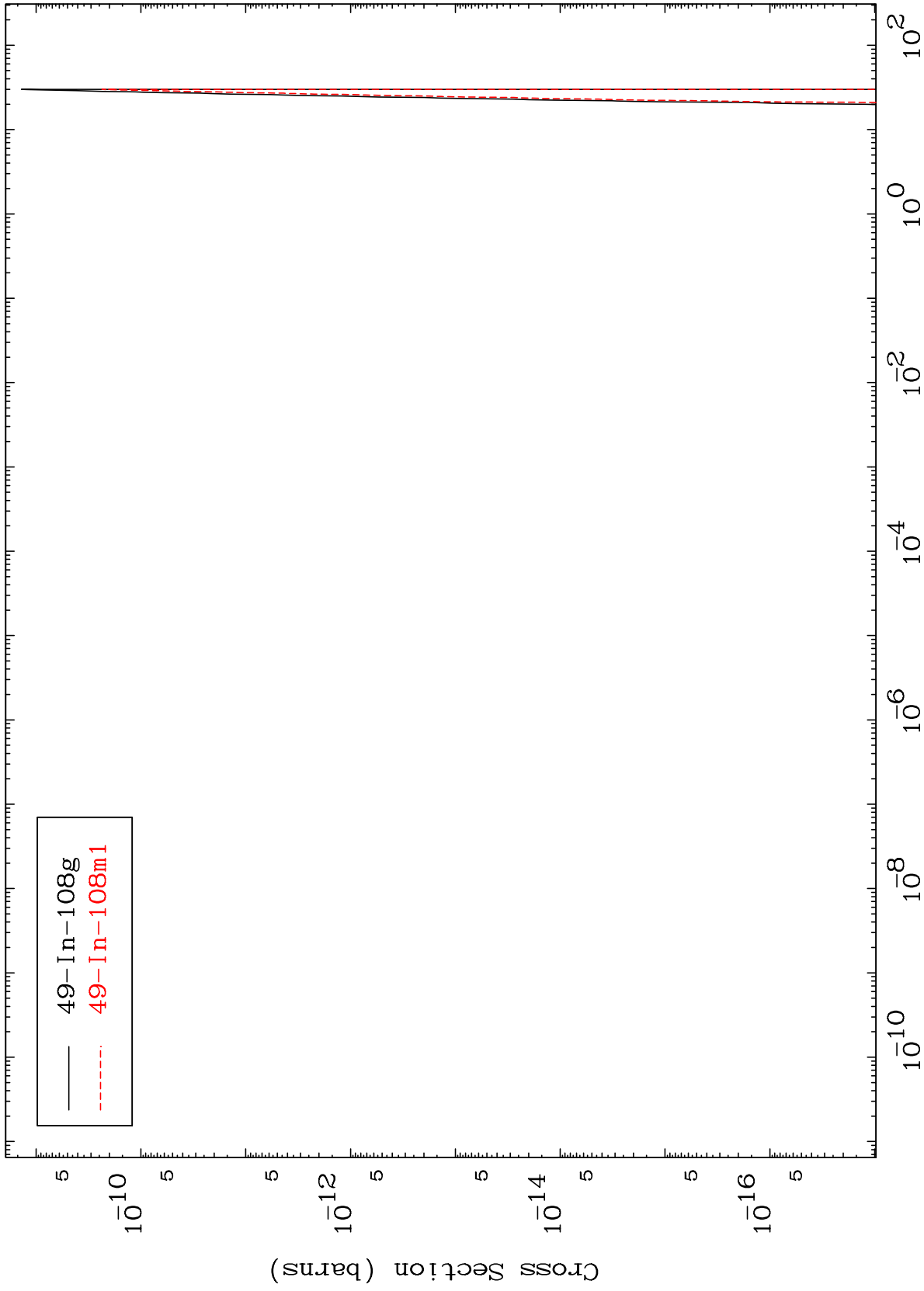
55-Cs-120

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(n,n') 3 $\alpha$

55-Cs-120

Radionuclide Production Cross Section

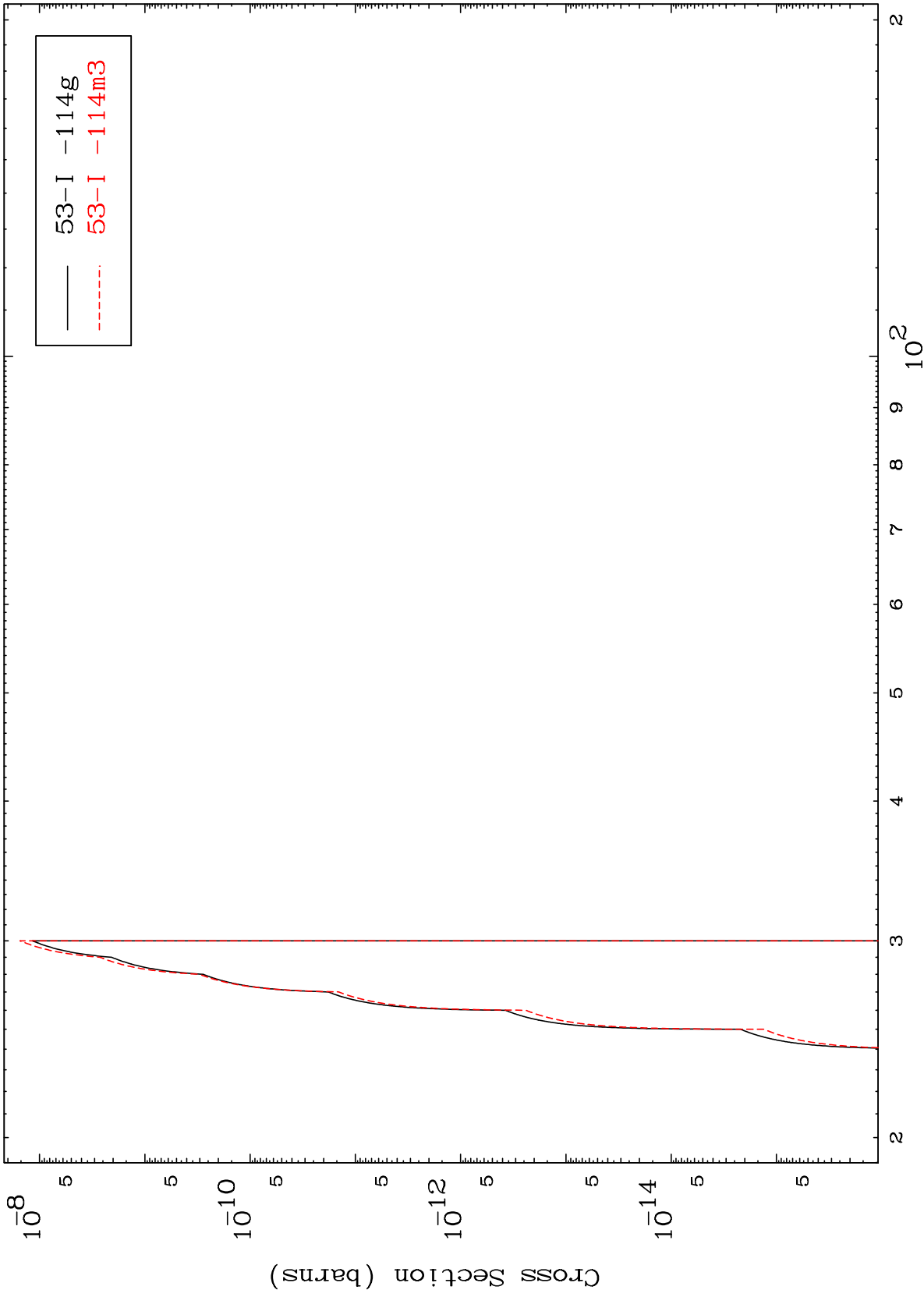


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(n,3n)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



22

Incident Energy (MeV)

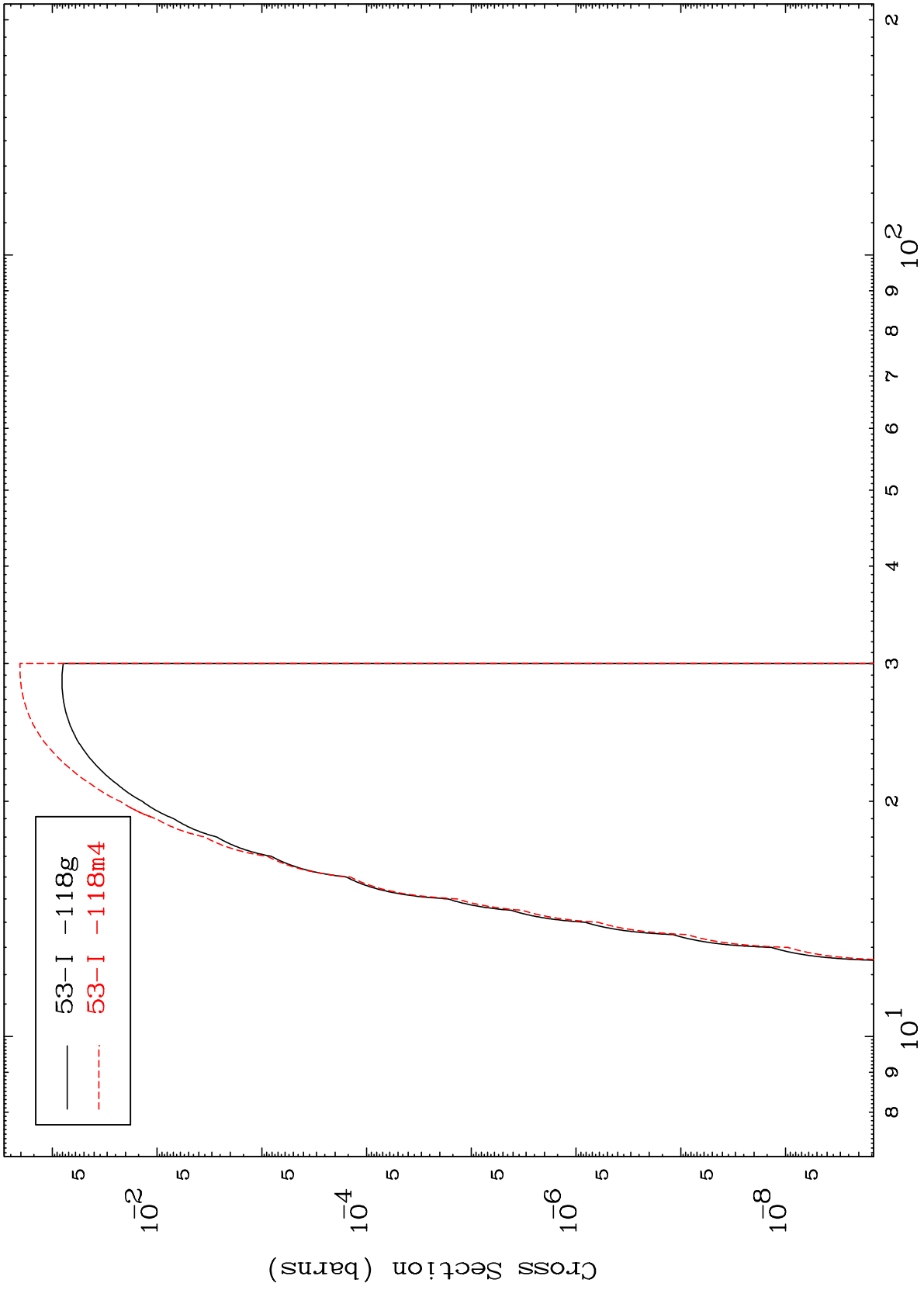
55-Cs-120

MAT 5487

(n,2n) p

55-Cs-120

Radionuclide Production Cross Section



23

Incident Energy (MeV)

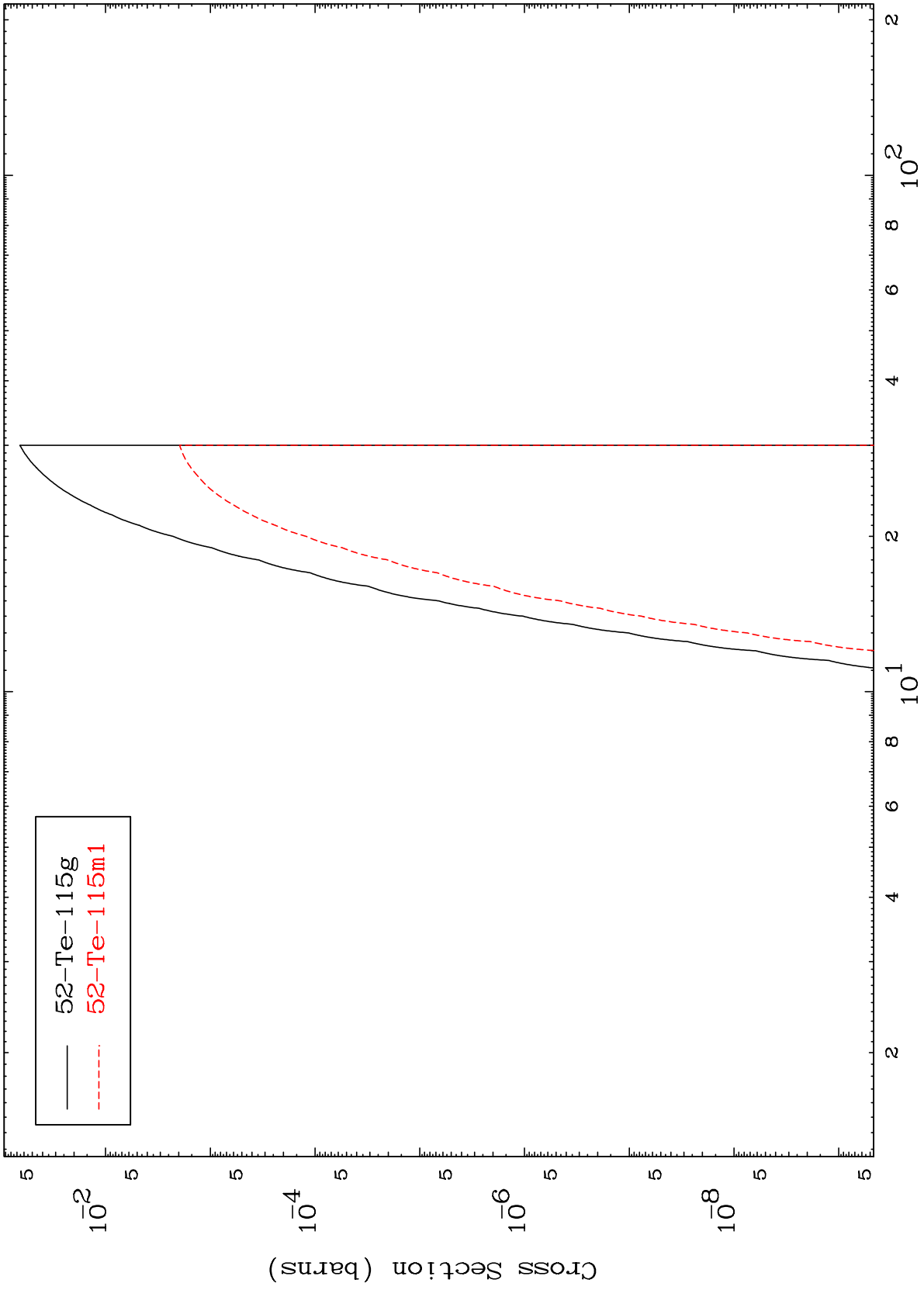
55-Cs-120



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(n,n') p  $\alpha$   
Radionuclide Production Cross Section

55-Cs-120

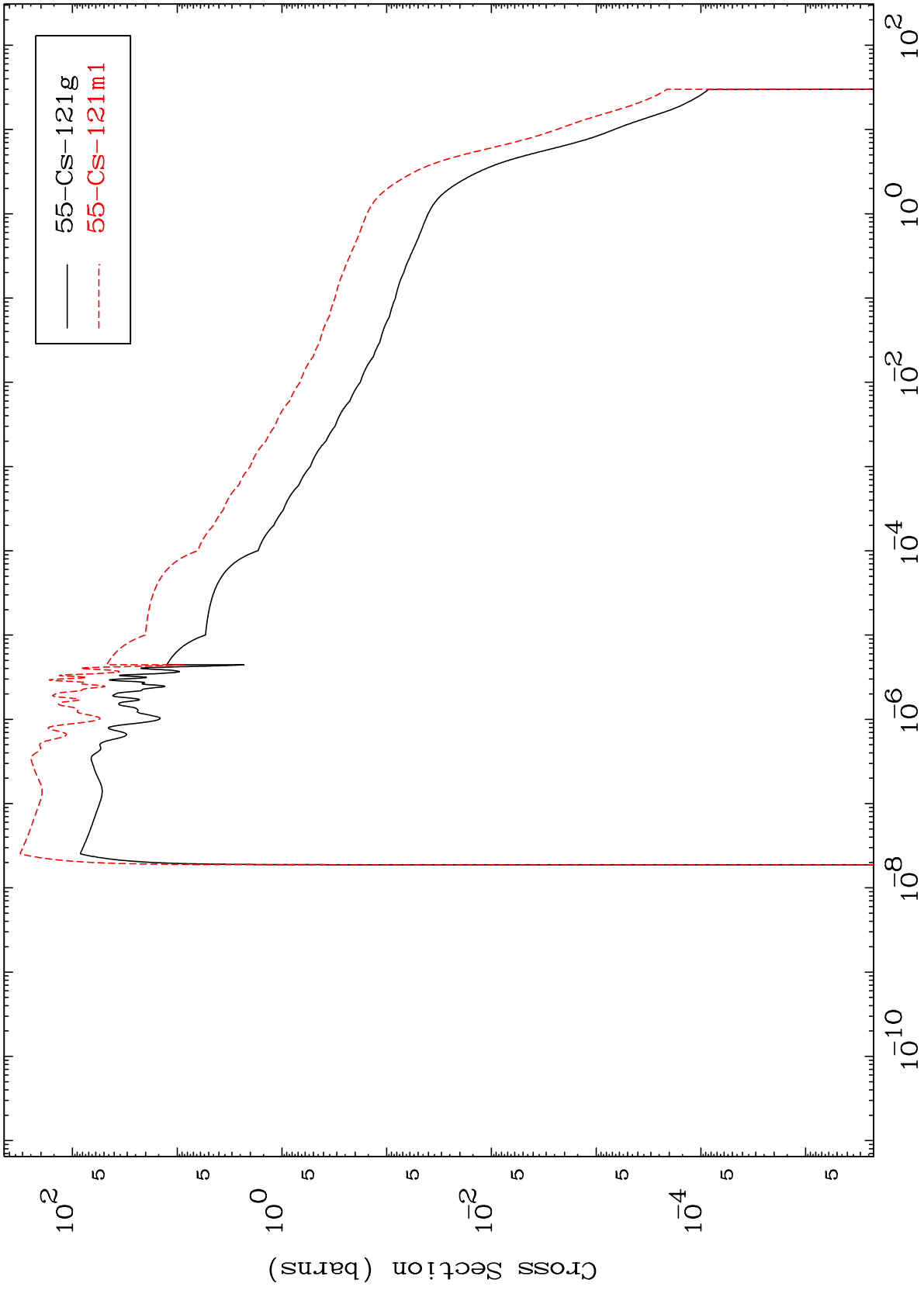


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55-Cs-120

(n,γ)  
Radionuclide Production Cross Section



25

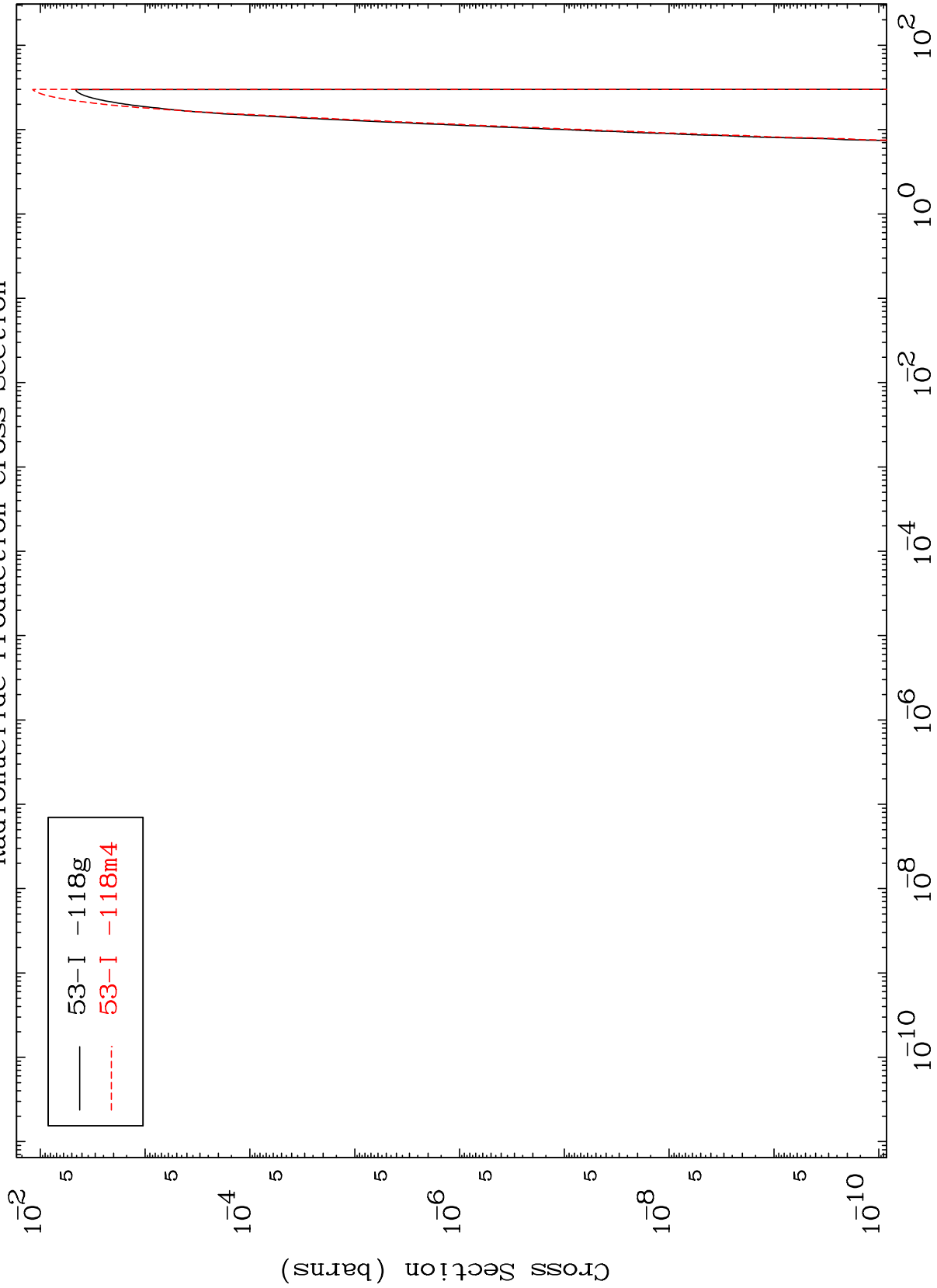
55-Cs-120

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(n,He-3)

55-Cs-120

Radionuclide Production Cross Section



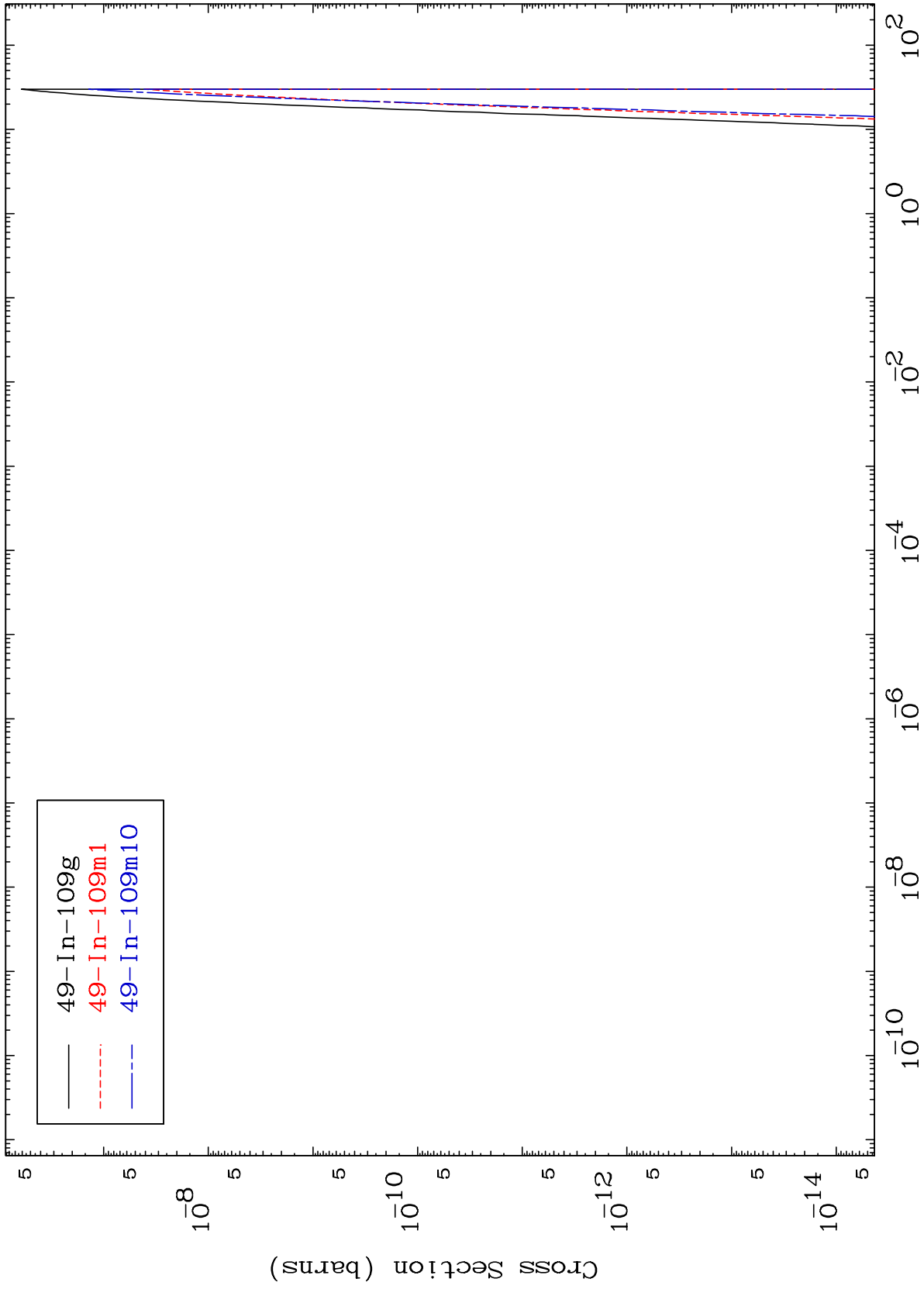
53-I -118g  
53-I -118m4

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(n,3α)

55-Cs-120

Radionuclide Production Cross Section



27

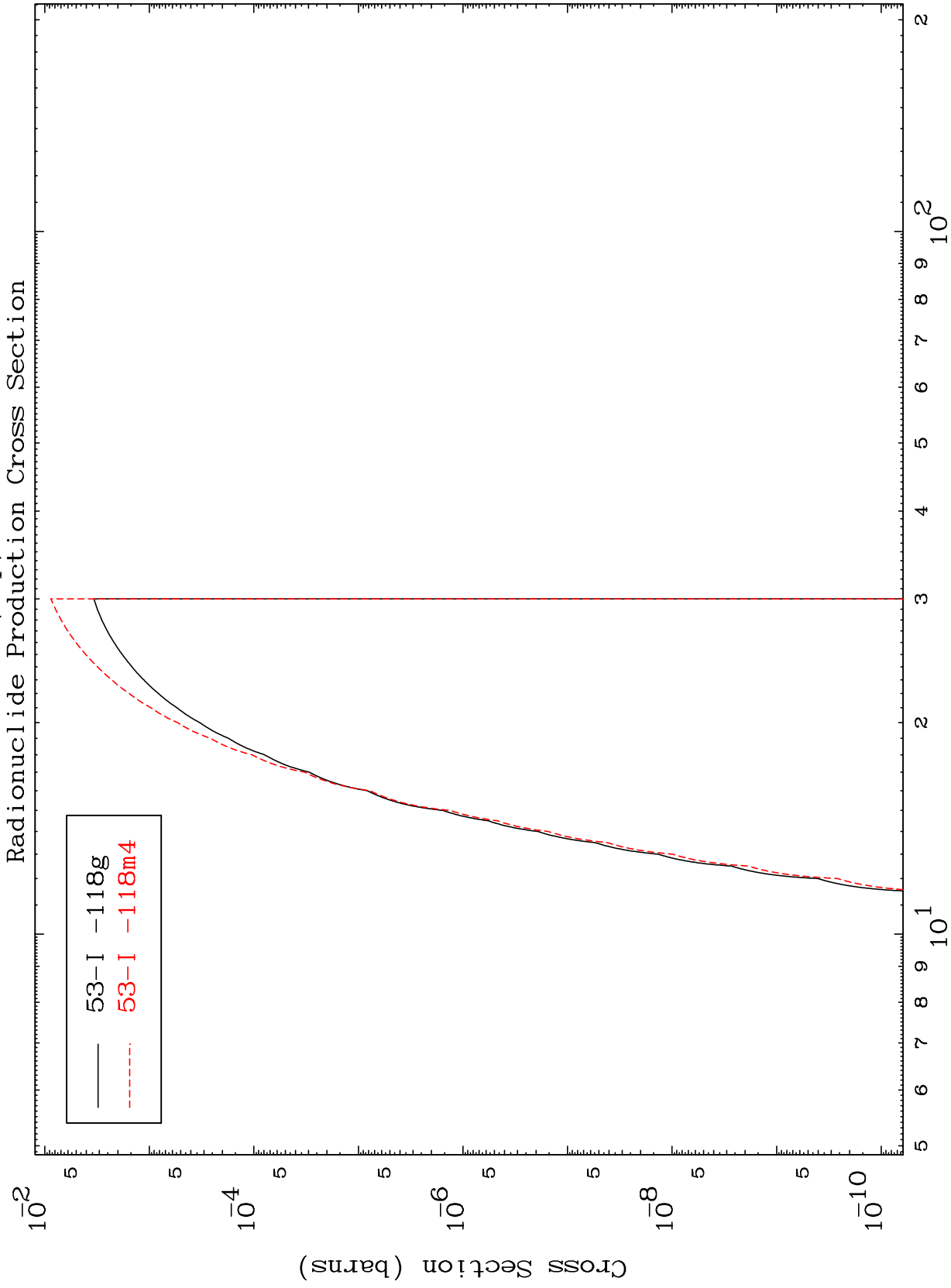
Incident Energy (MeV)

55-Cs-120

MAT 5487

(n,p) d

55-Cs-120



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Incident Energy (MeV)

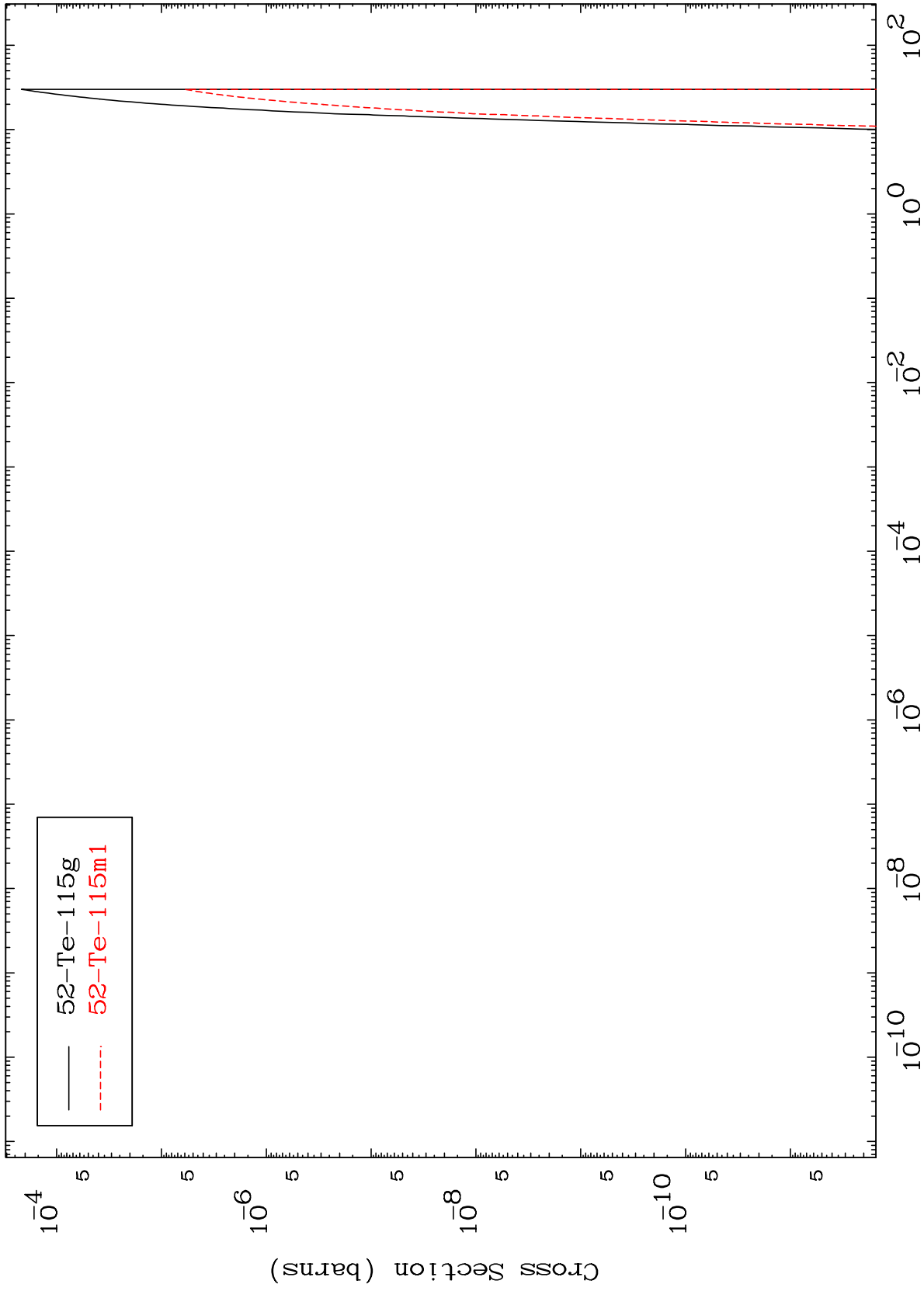
55-Cs-120

MAT 5487

(n,d)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

55-Cs-120