

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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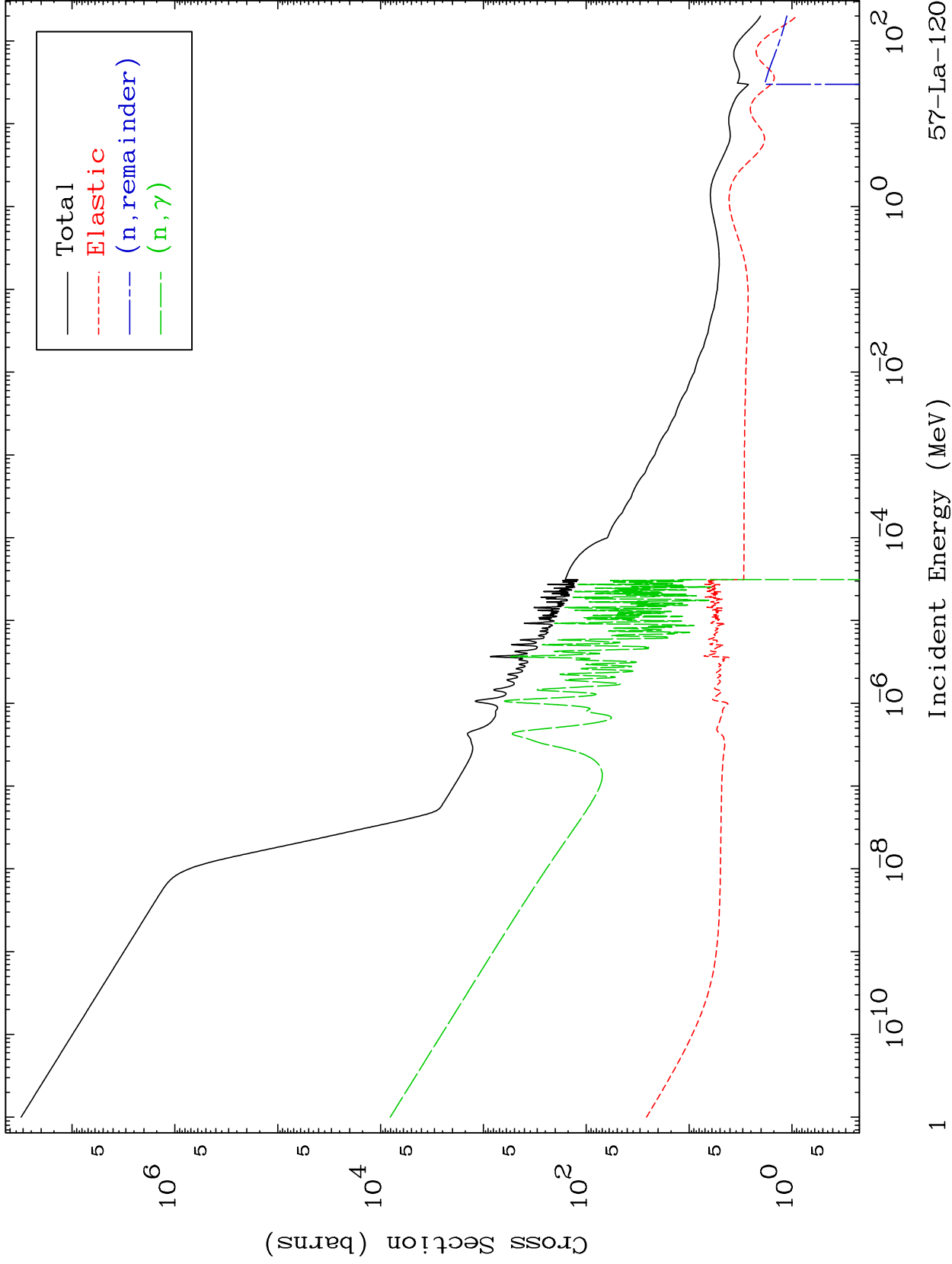
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5671

Major  
293 Kelvin Cross Sections

57-La-120



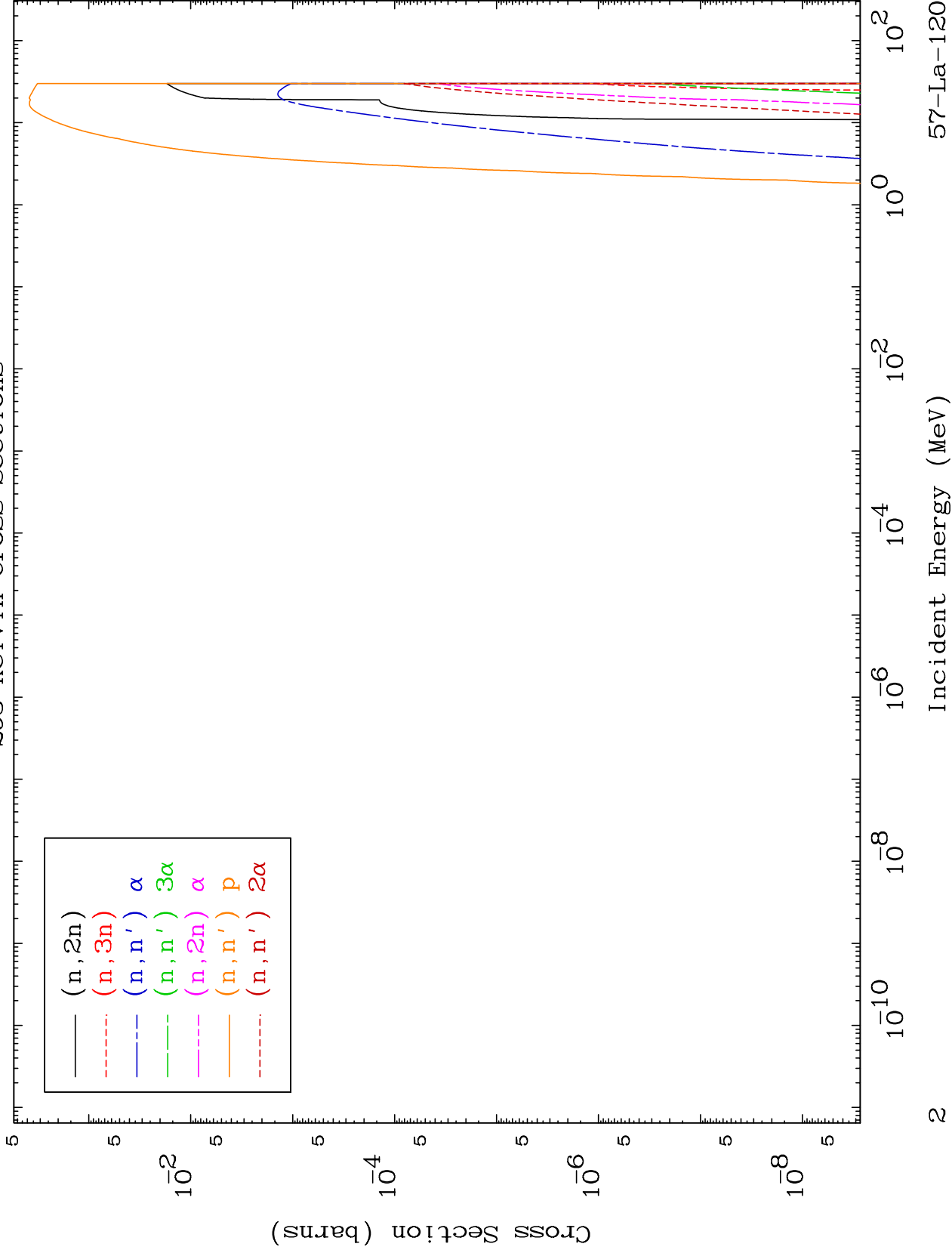
1

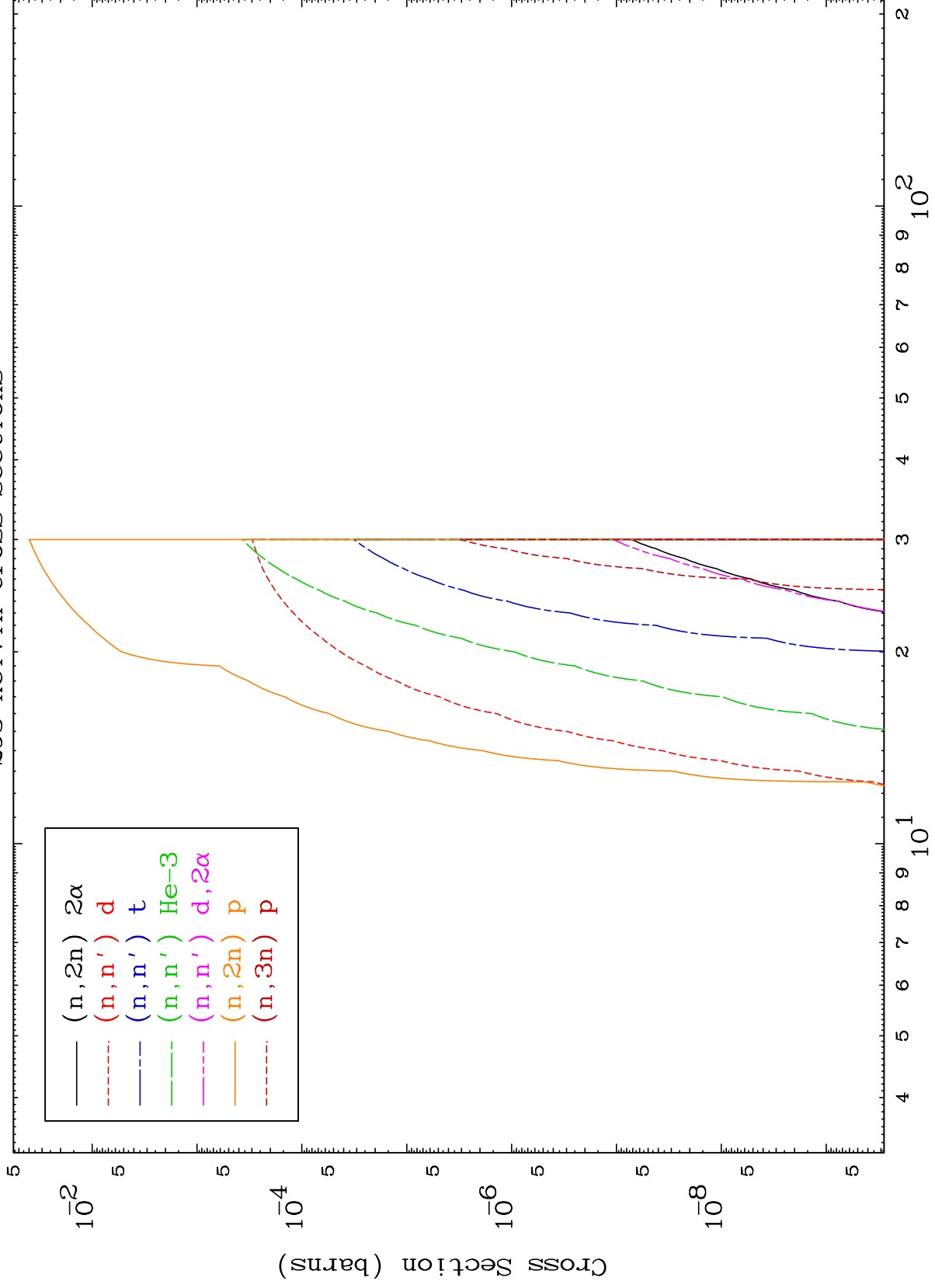
57-La-120

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Neutron Production  
293 Kelvin Cross Sections

57-La-120

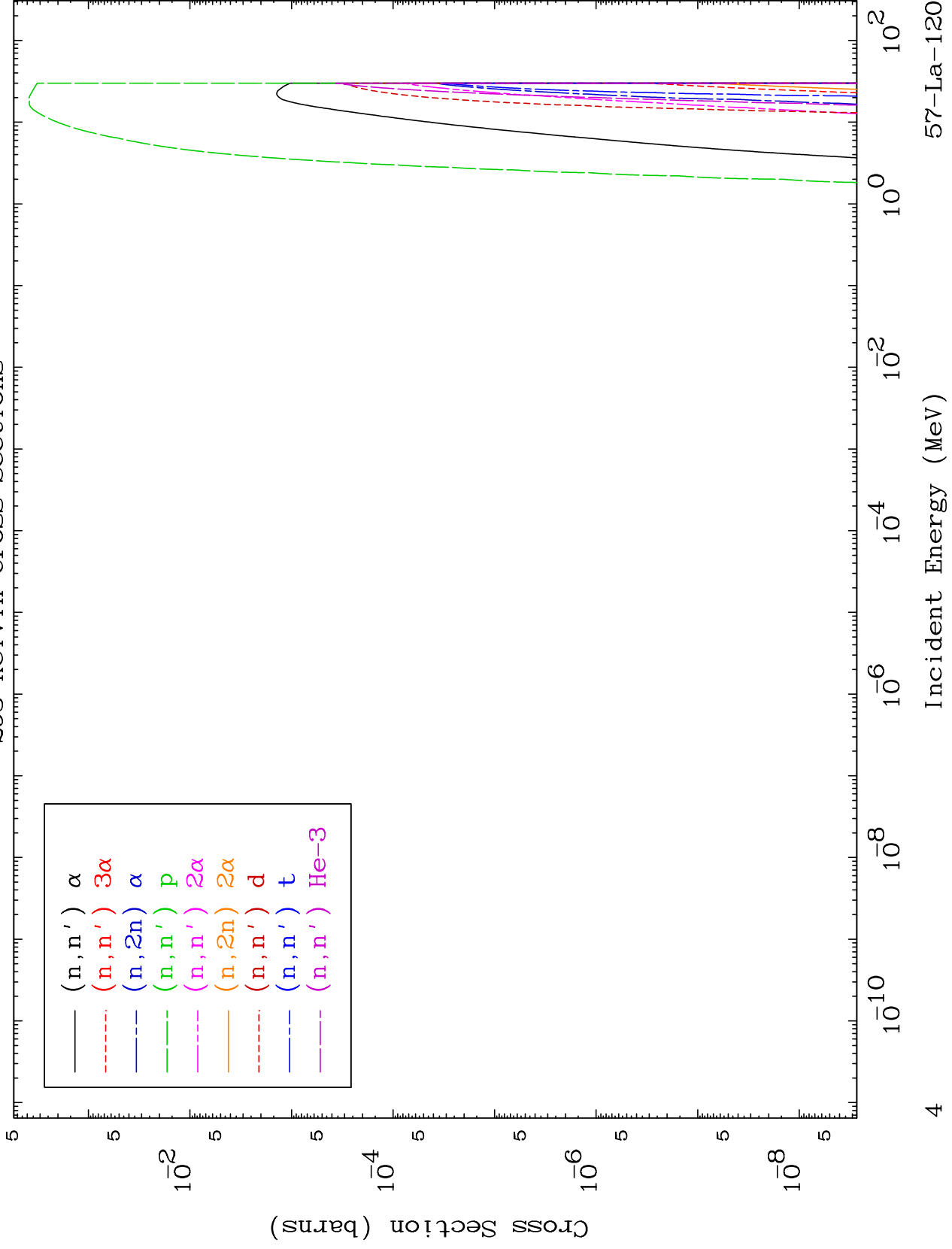




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Charged Particle  
293 Kelvin Cross Sections

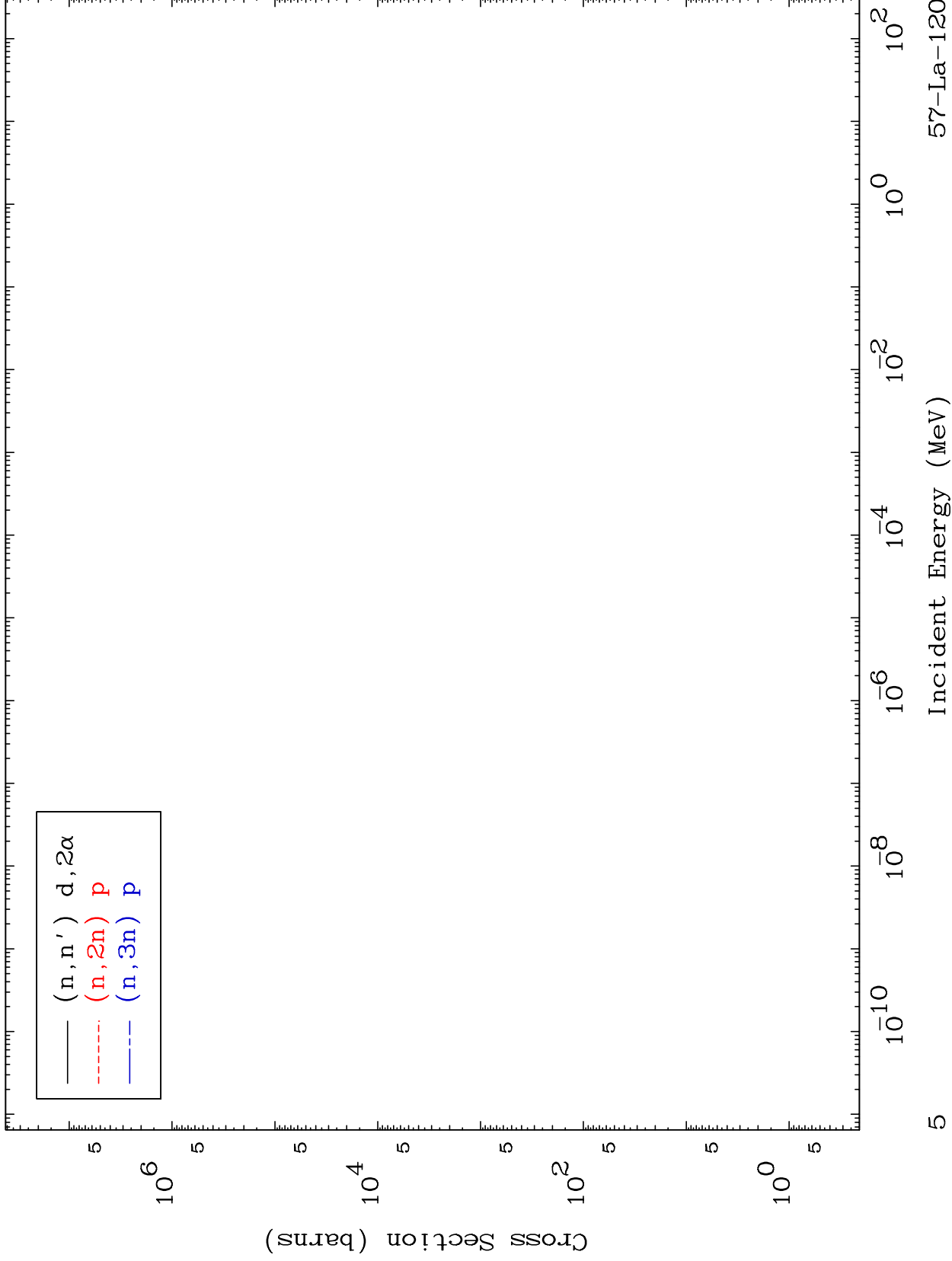
57-La-120



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Charged Particle  
293 Kelvin Cross Sections

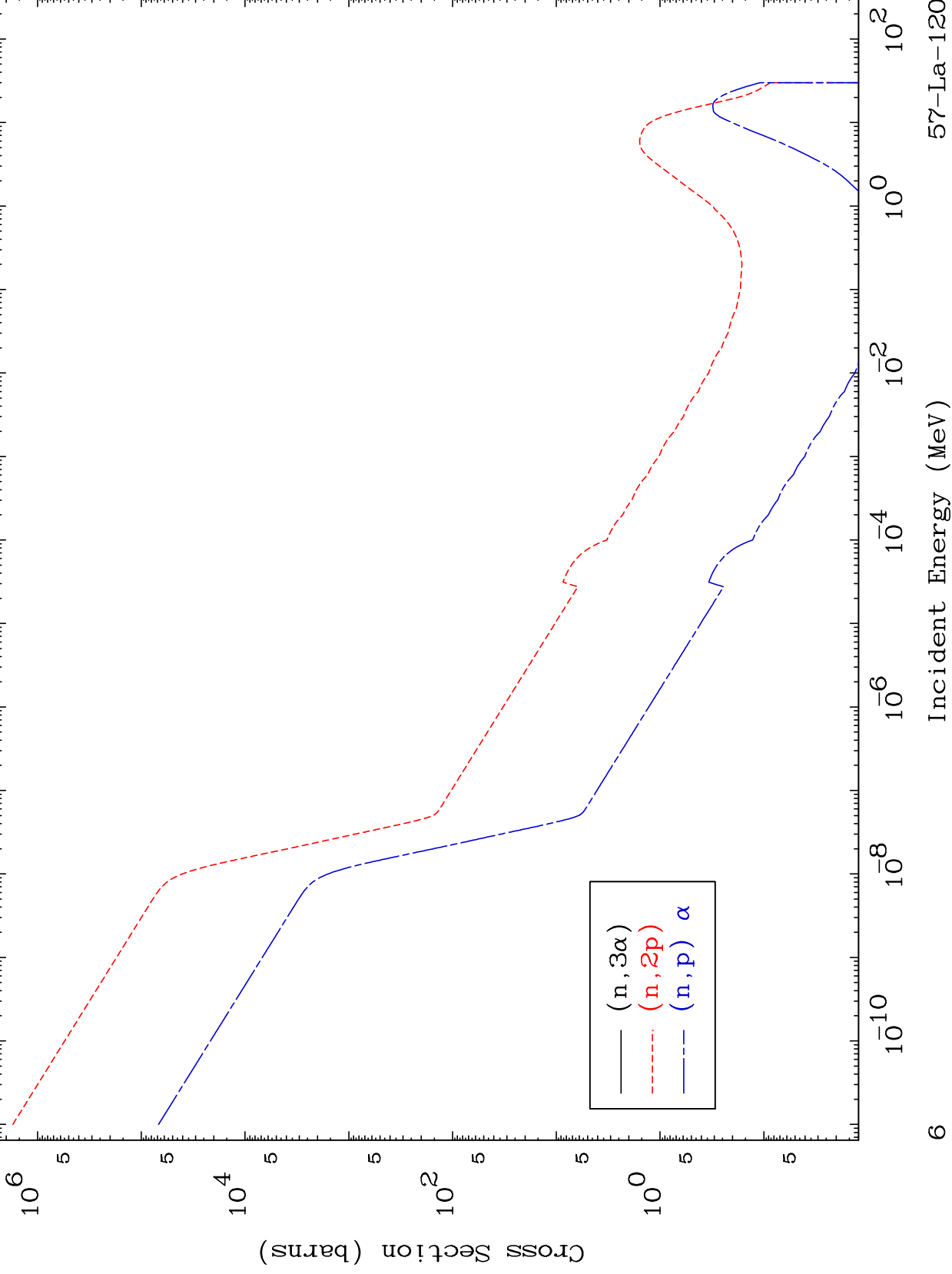
57-La-120



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Charged Particle  
293 Kelvin Cross Sections

57-La-120



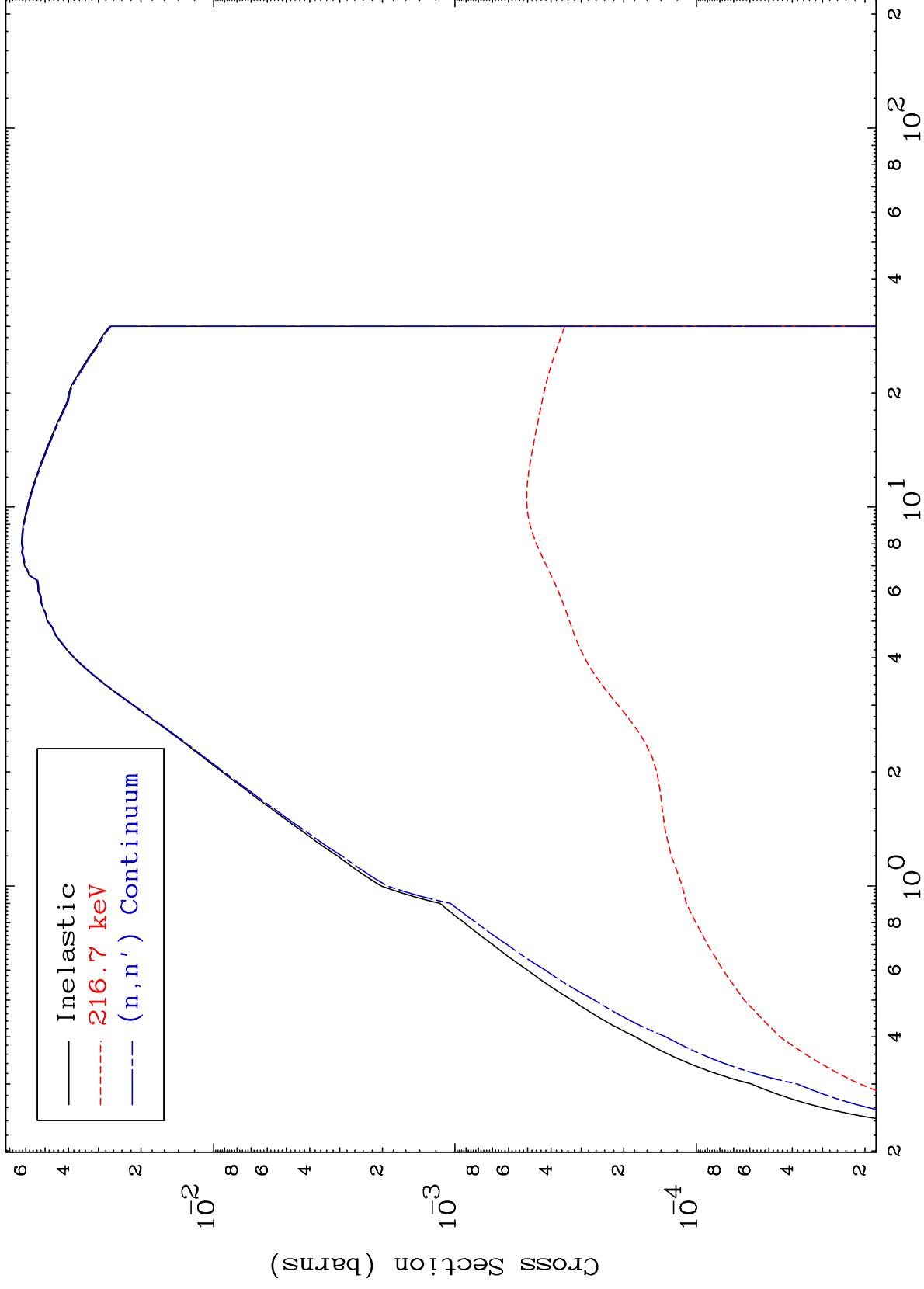




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293 Kelvin Cross Sections  
(n,n') Level

57-La-120



8

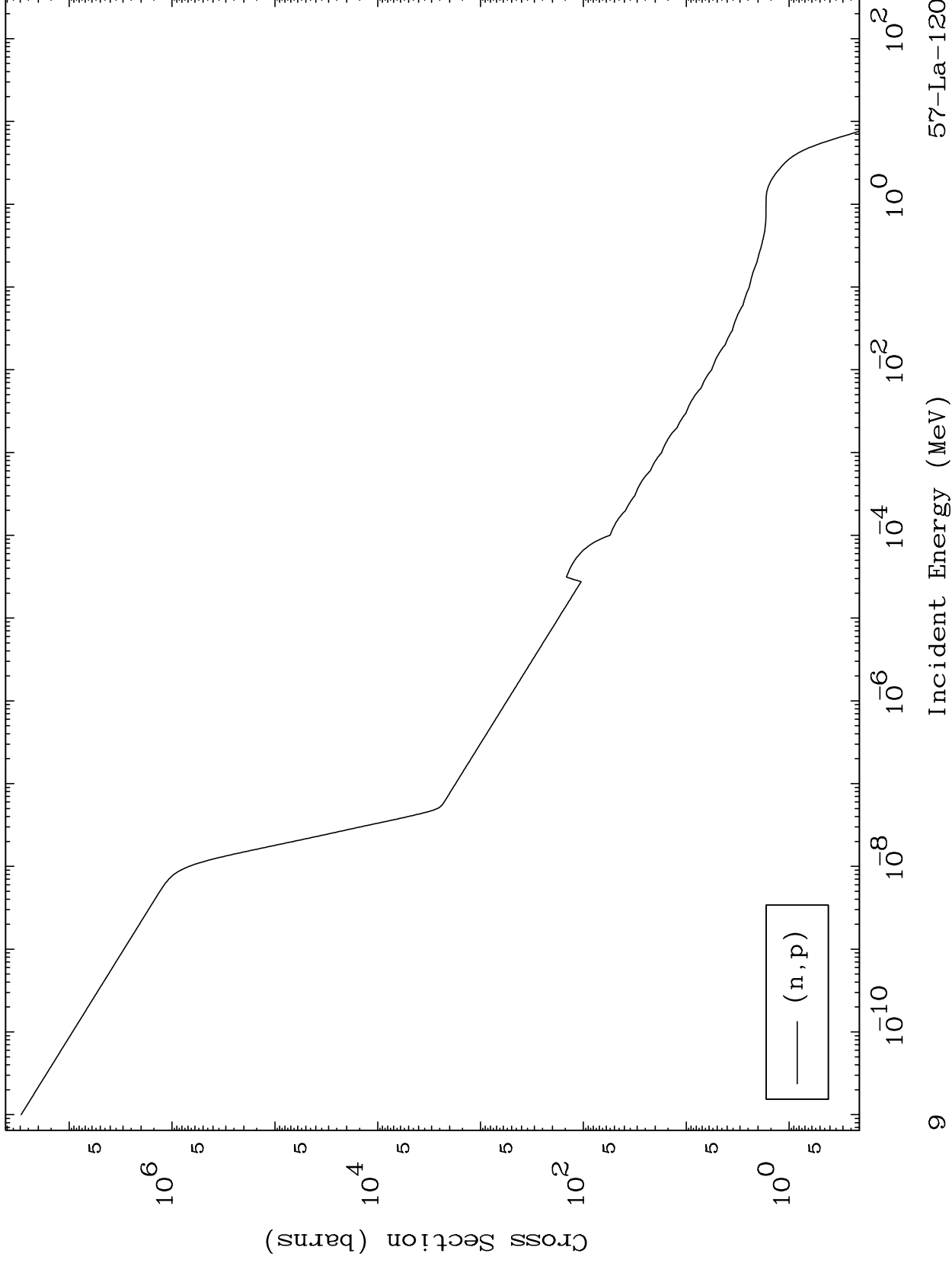
Incident Energy (MeV)

57-La-120

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(n,p) Levels  
293 Kelvin Cross Sections

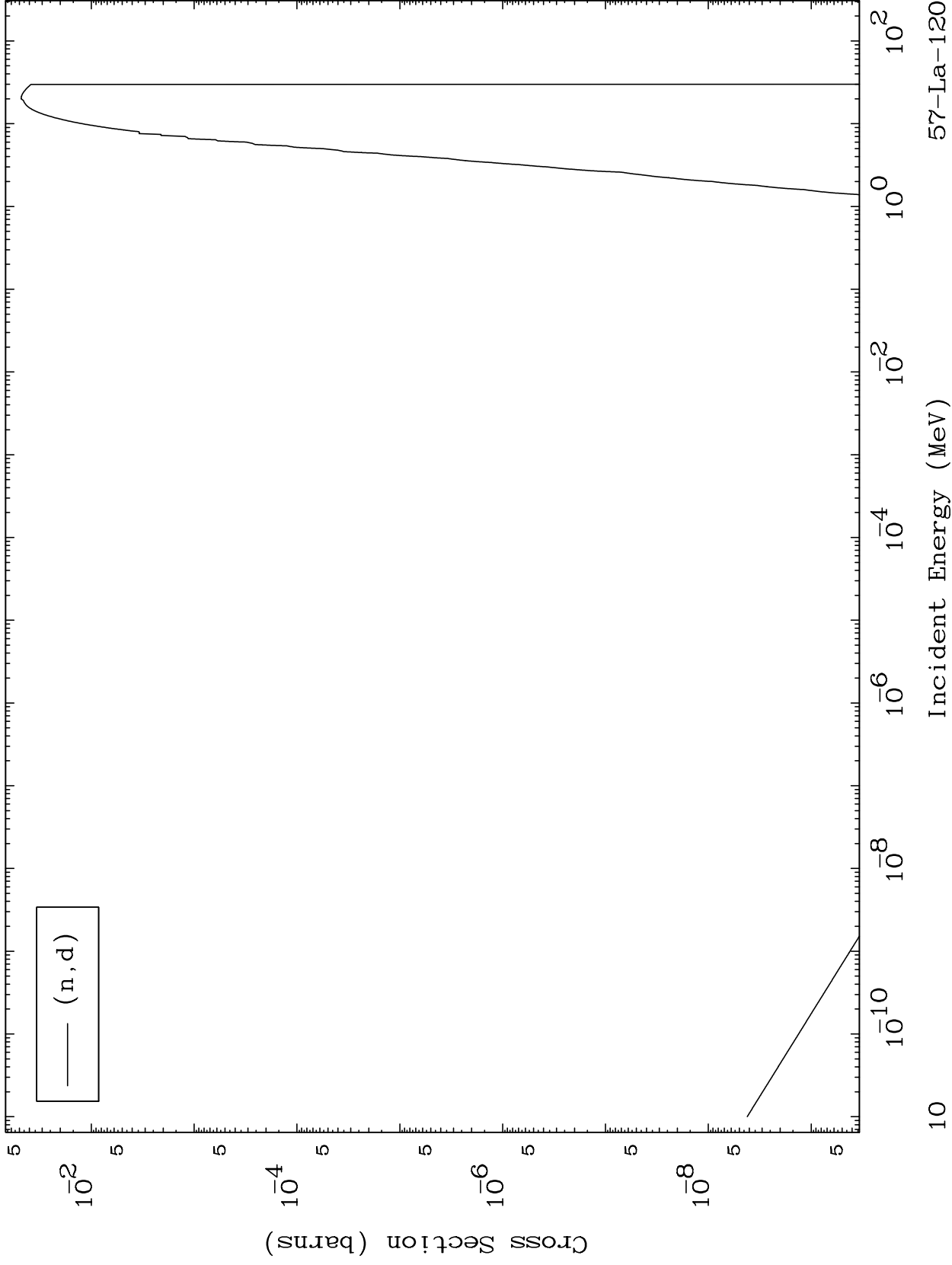
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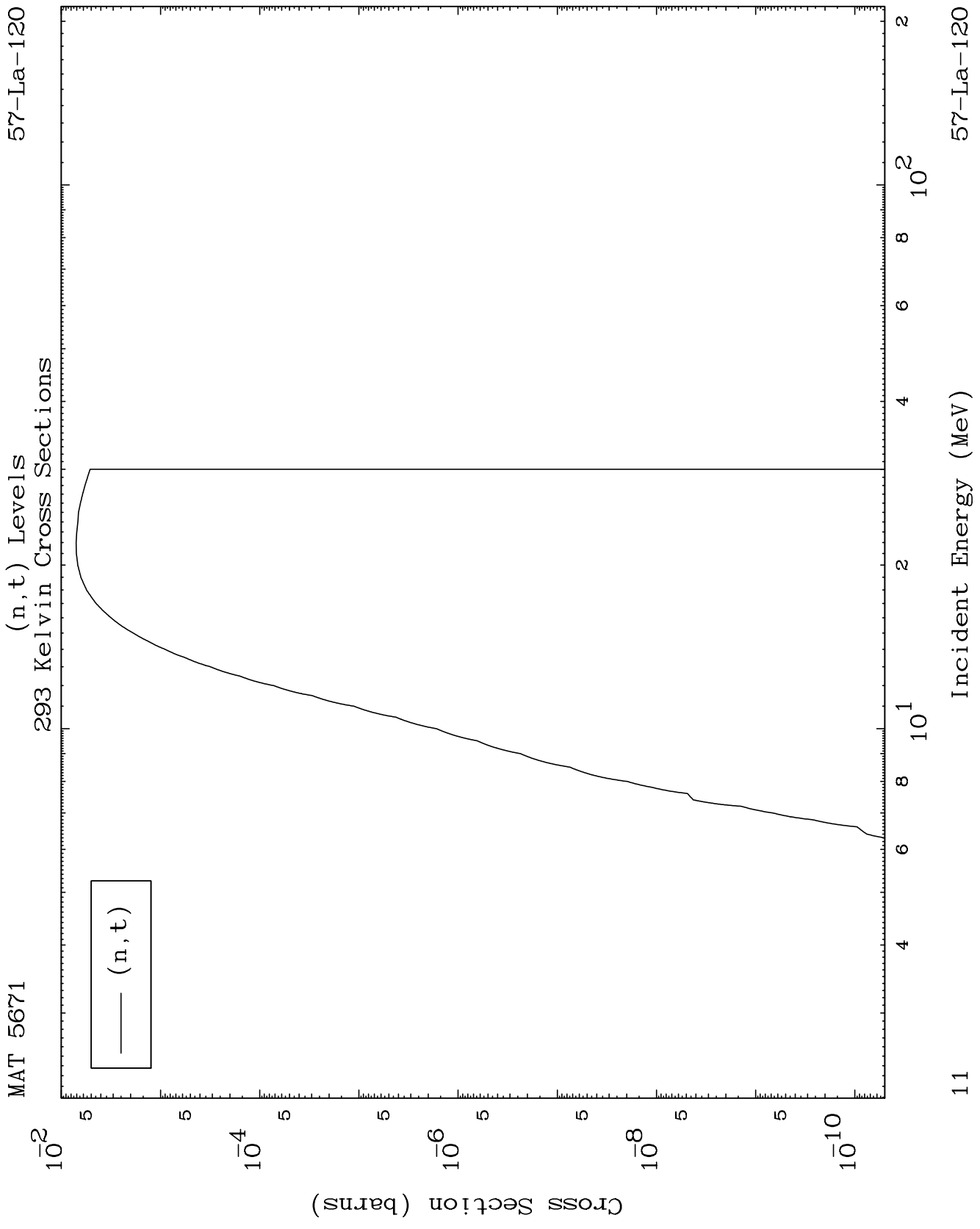


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(n,d) Levels  
293 Kelvin Cross Sections

57-La-120

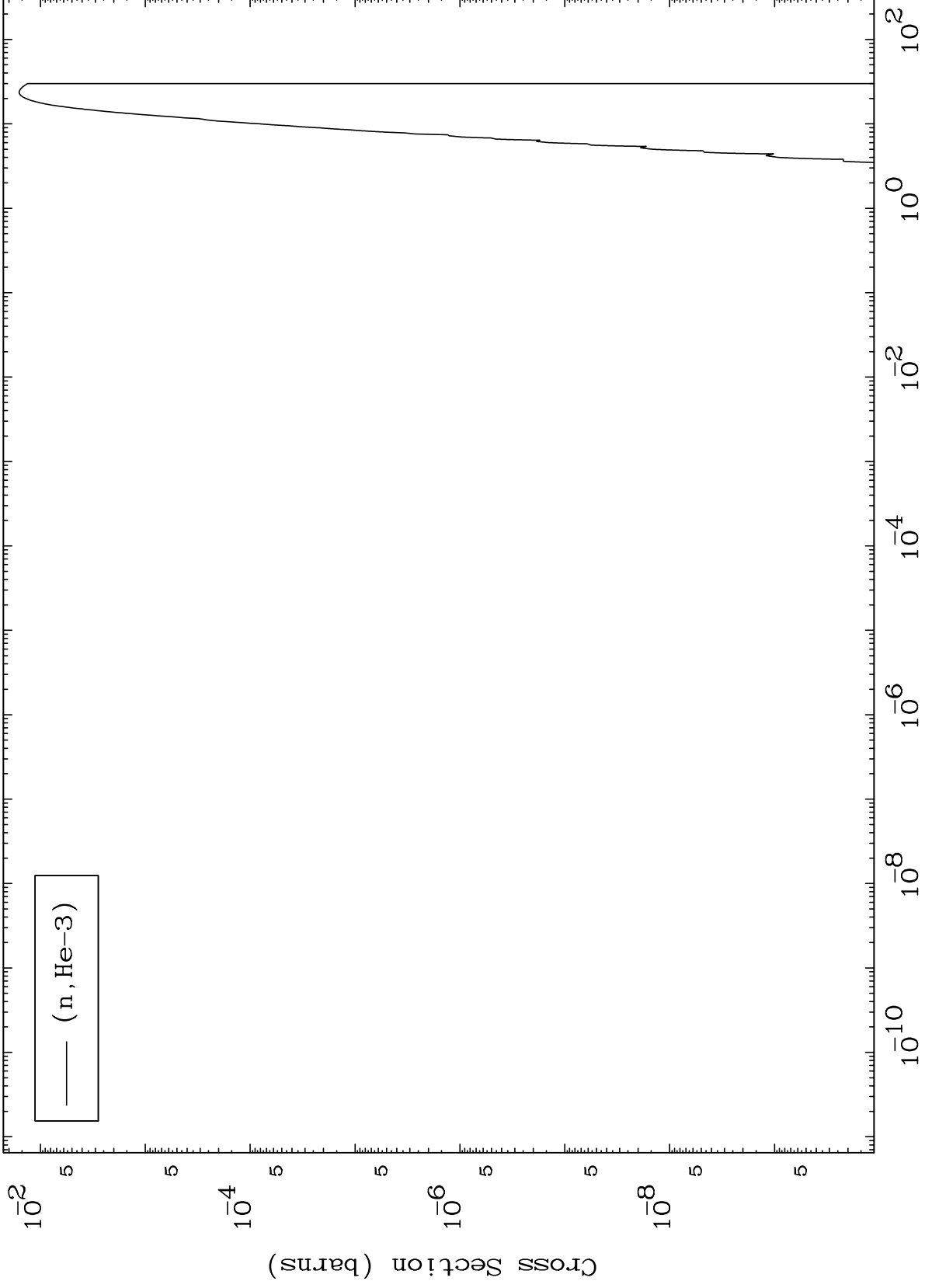




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(n,He3) Levels  
293 Kelvin Cross Sections

57-La-120



12

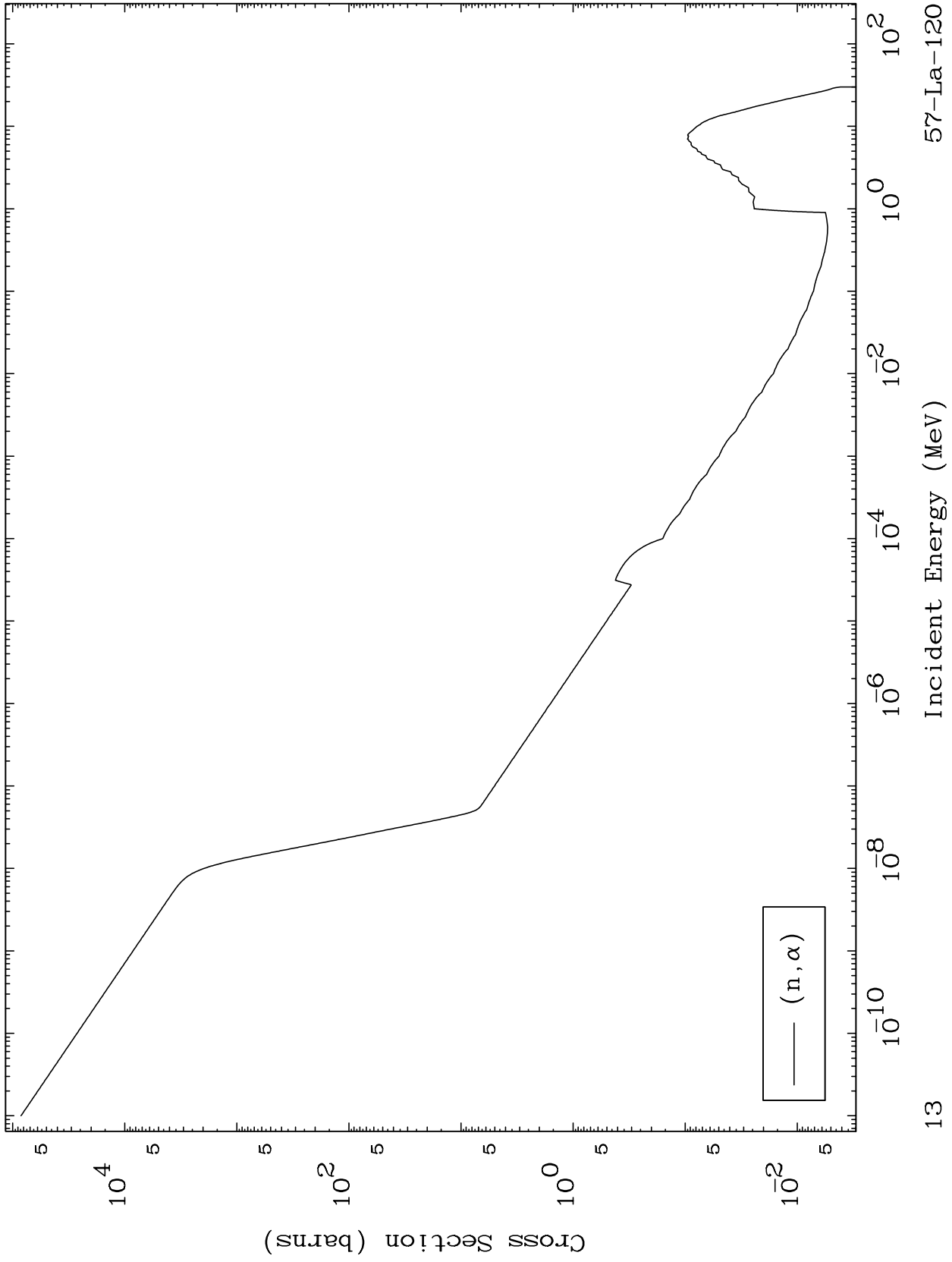
Incident Energy (MeV)

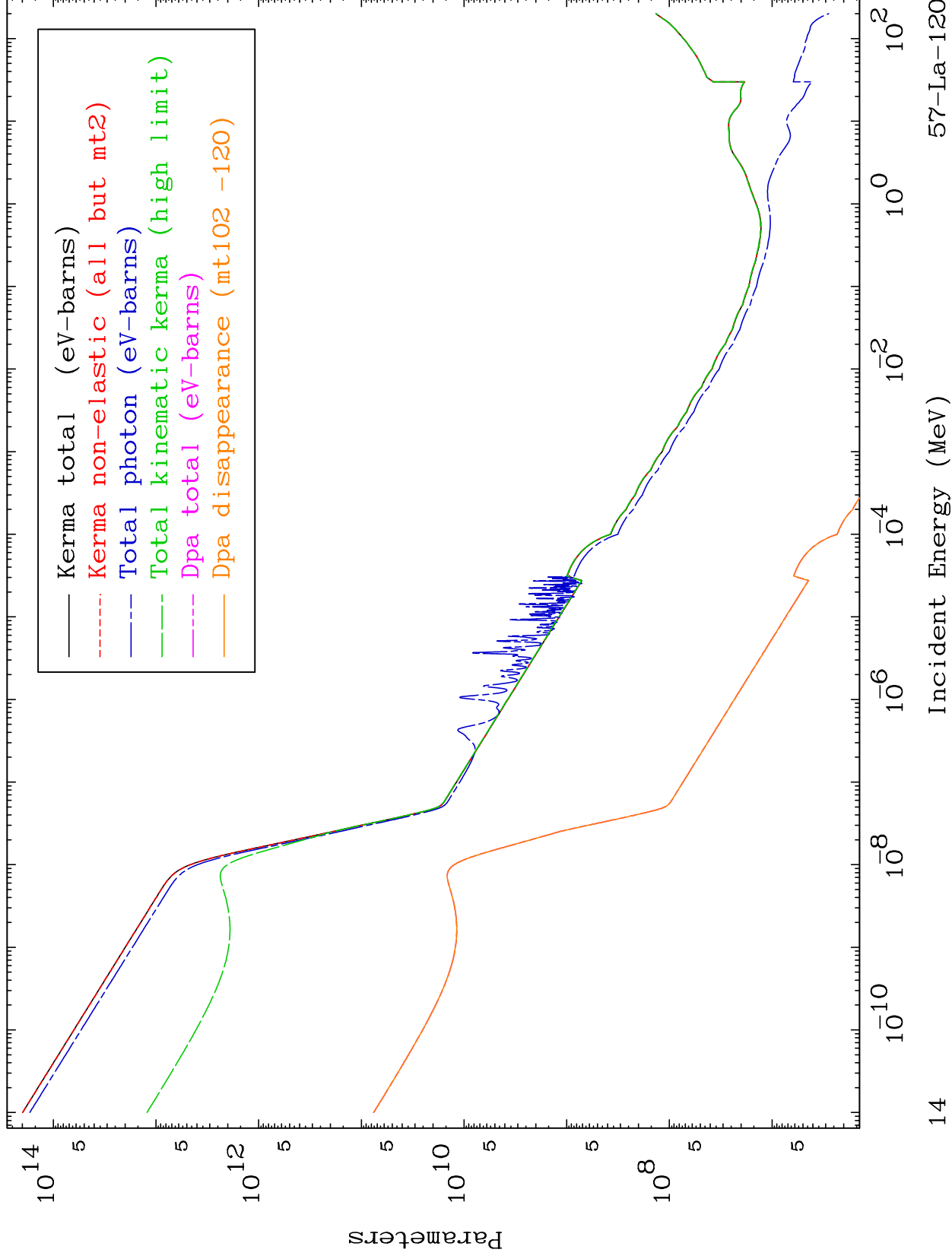
57-La-120

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

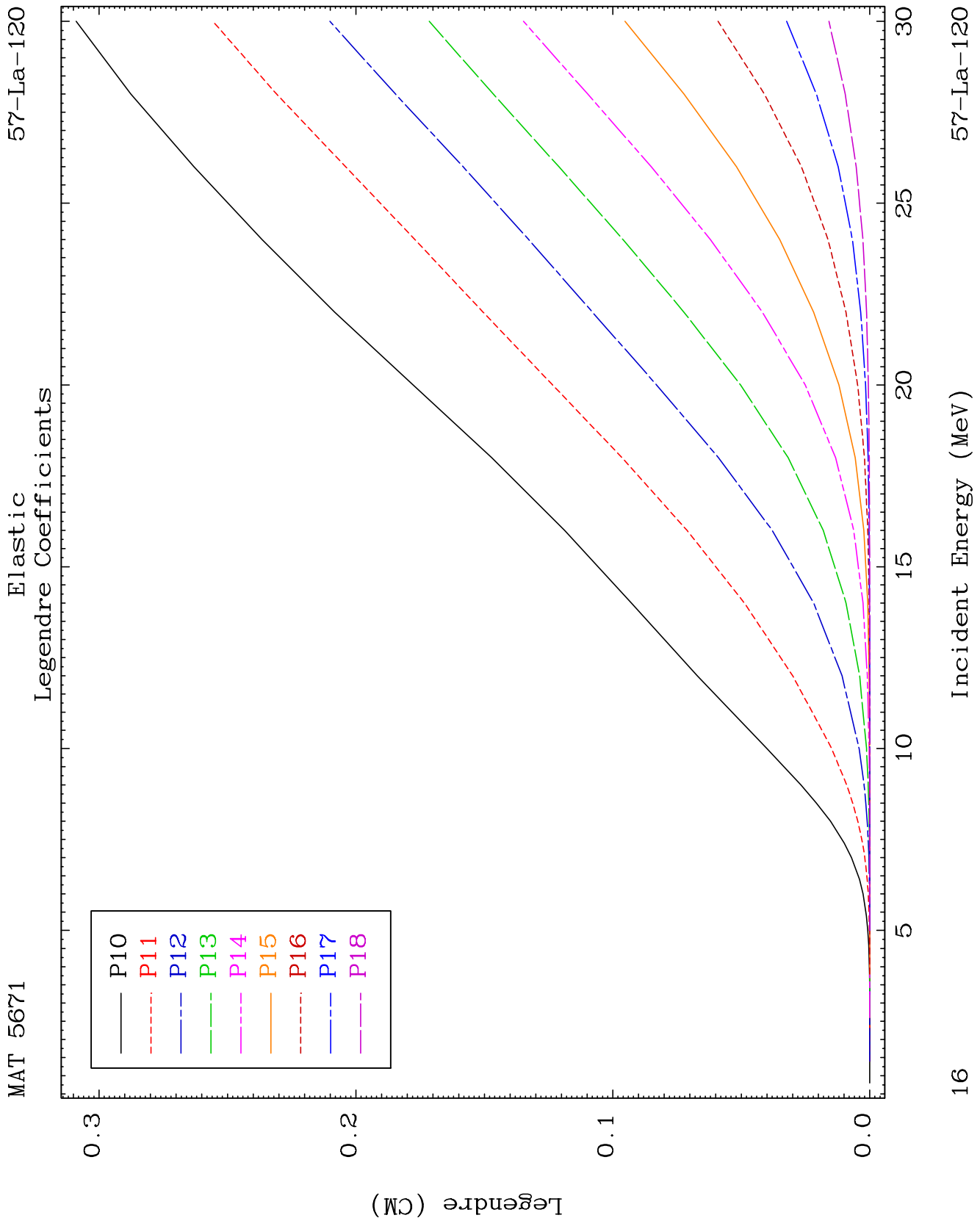
57-La-120







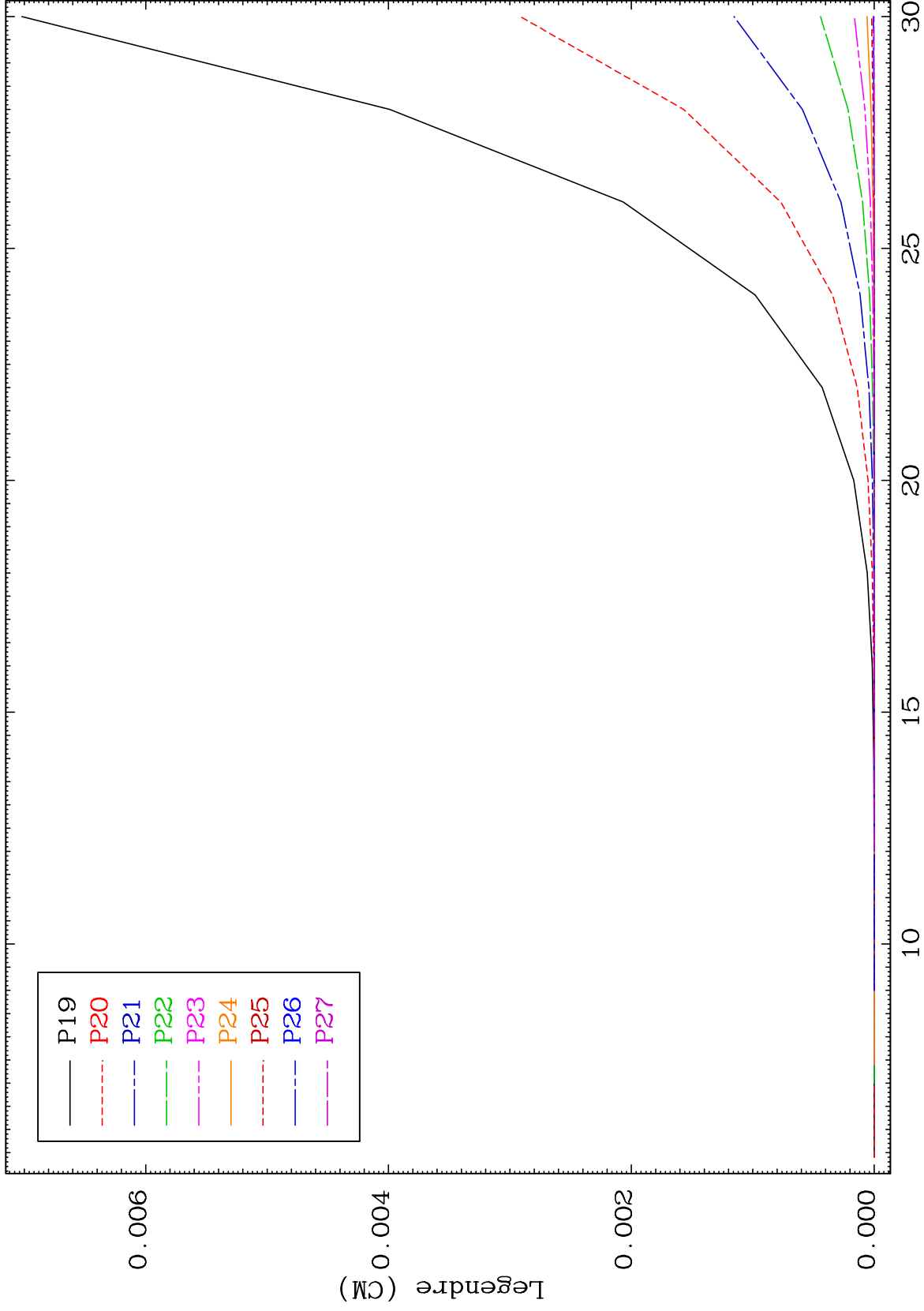




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### Elastic Legendre Coefficients

57-La-120



17

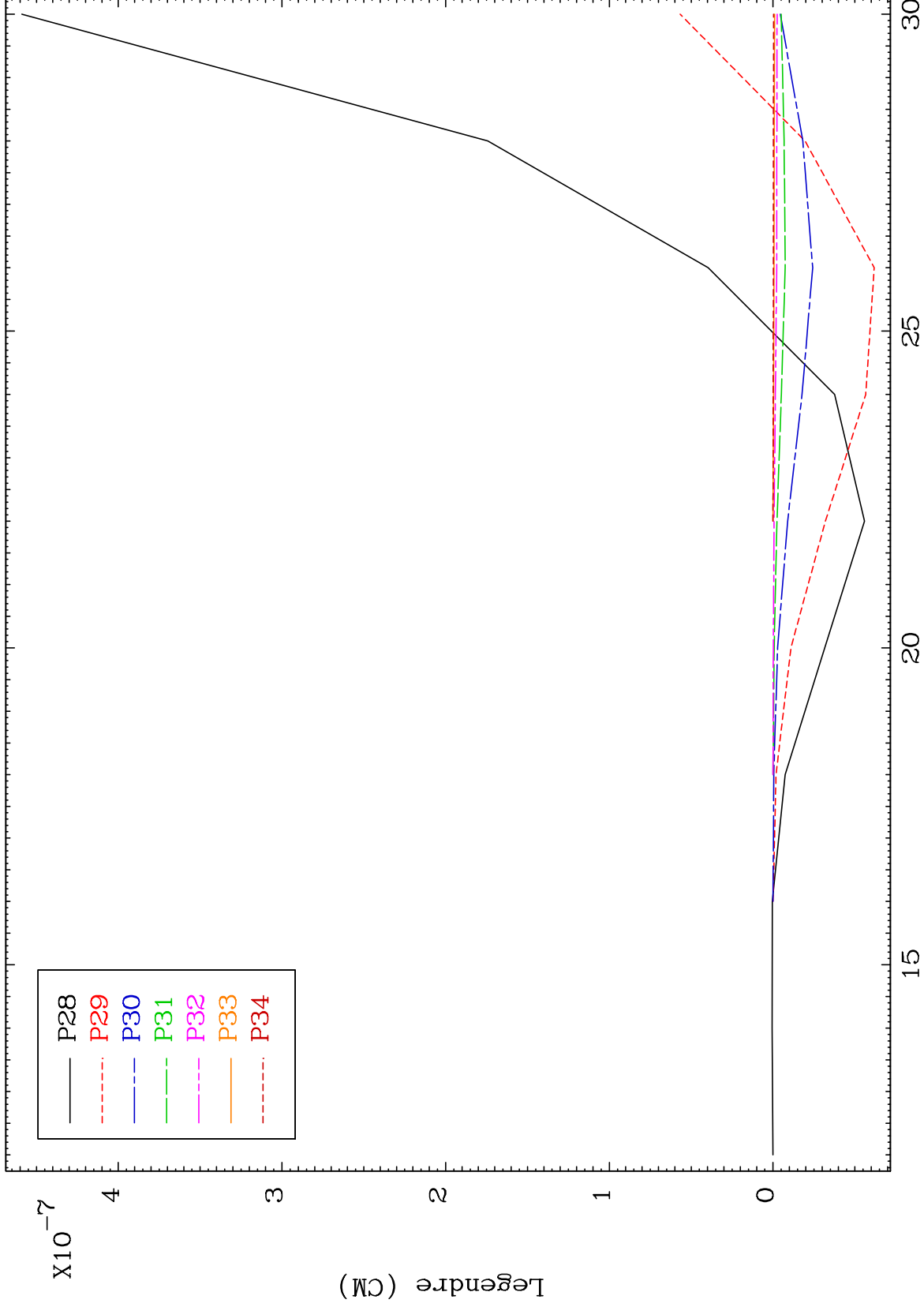
Incident Energy (MeV)

57-La-120

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Elastic Legendre Coefficients

57-La-120



18

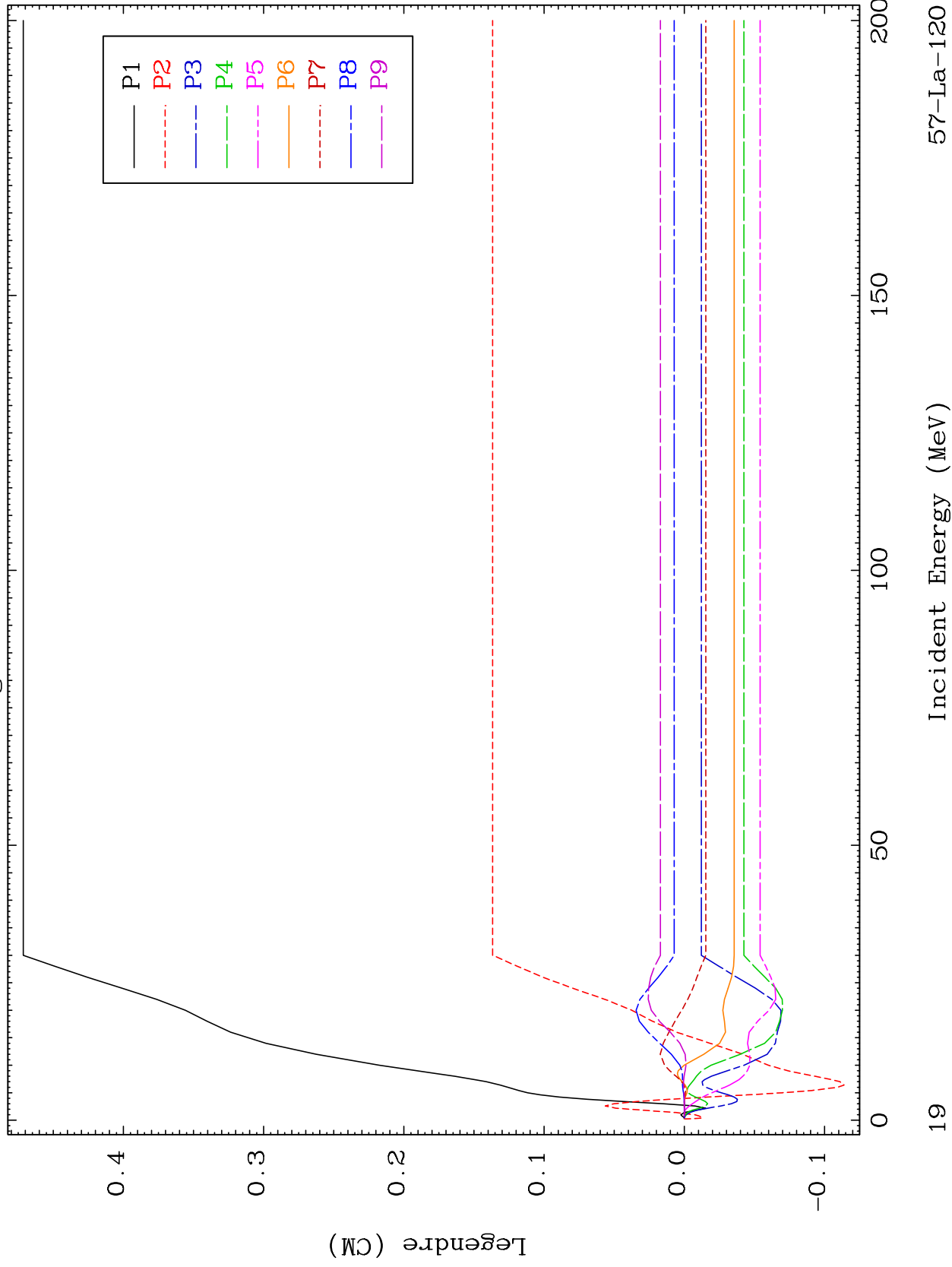
Incident Energy (MeV)

57-La-120

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216.7 keV (n,n') Level  
Legendre Coefficients

57-La-120

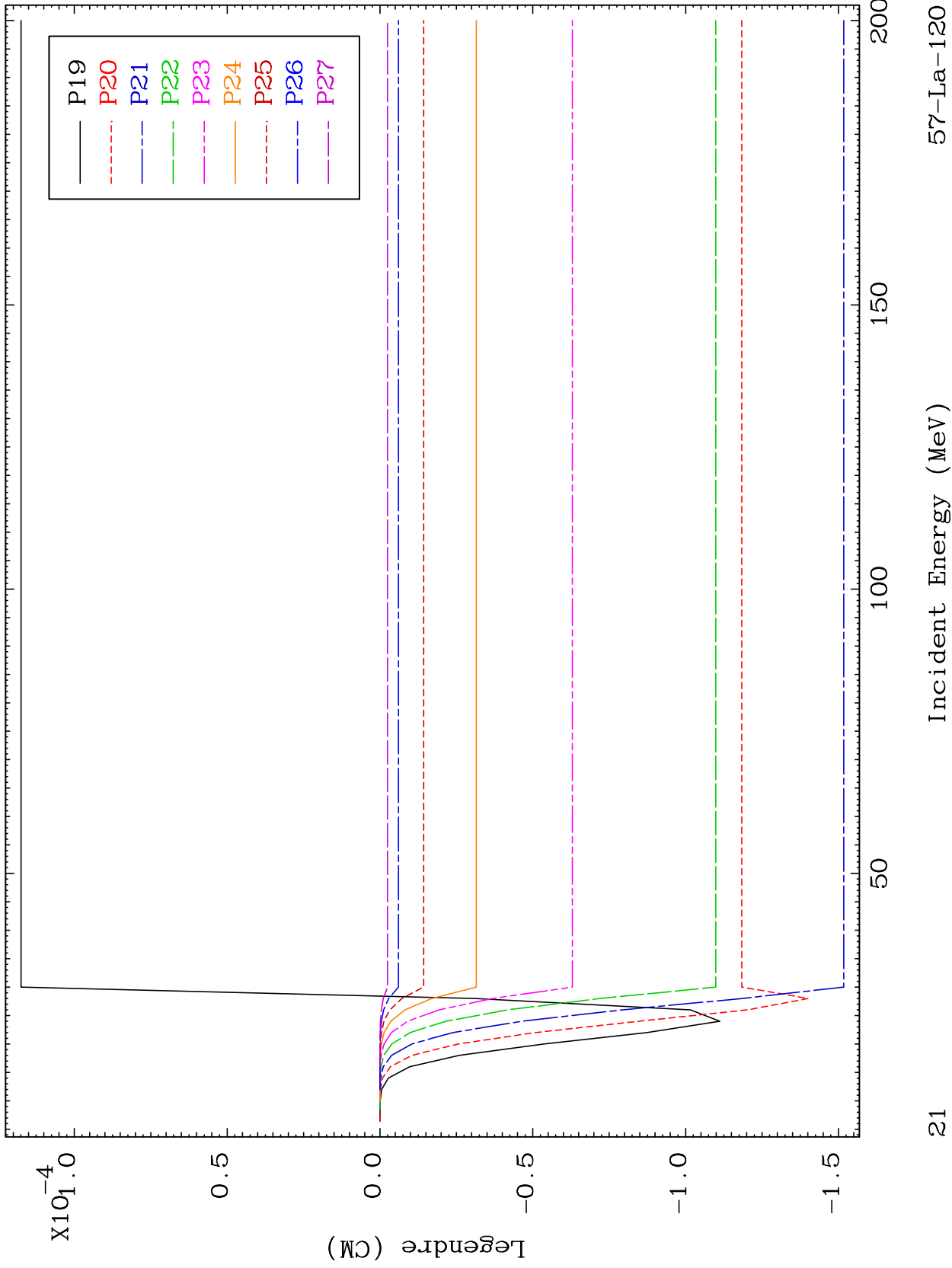


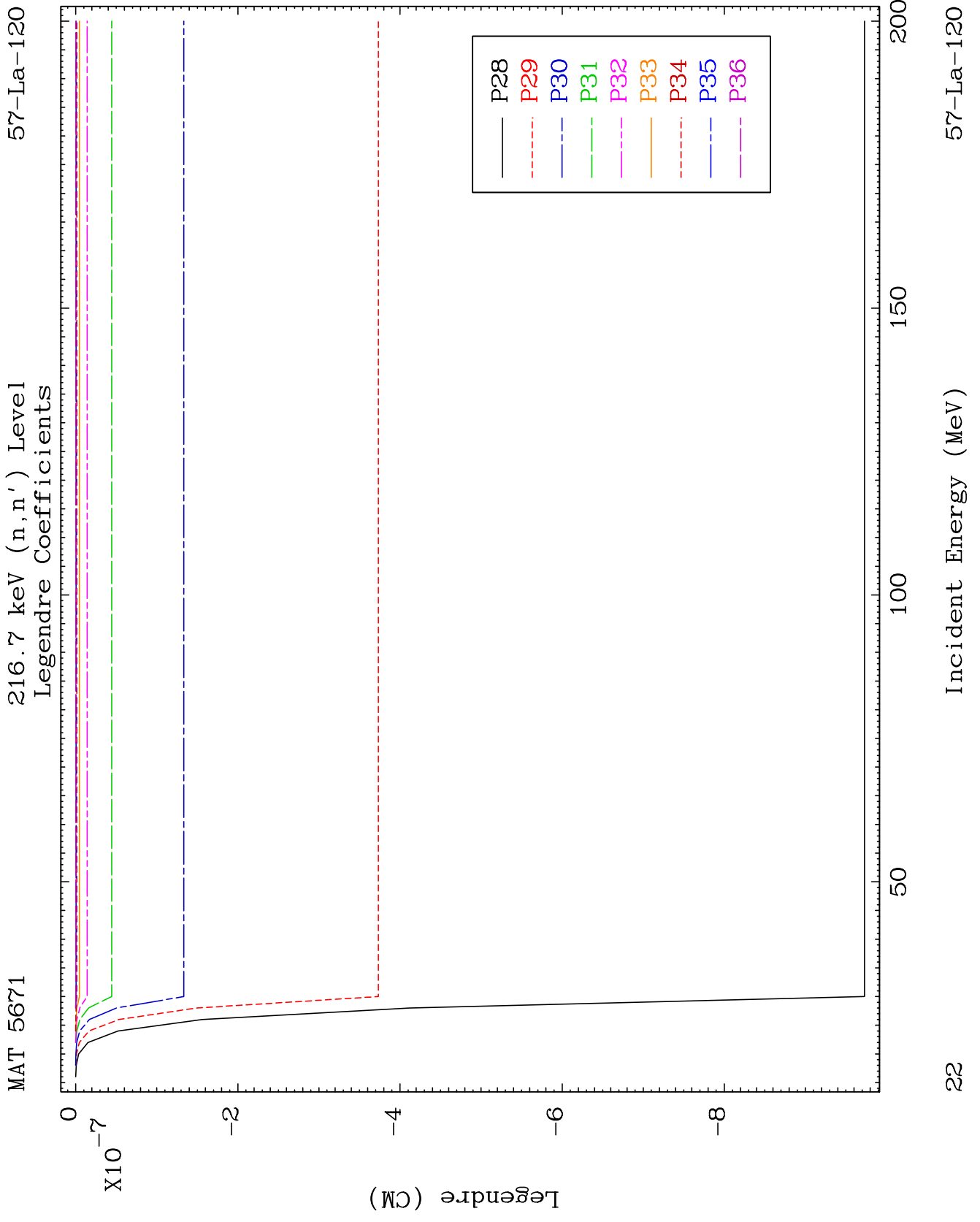
57-La-120

Incident Energy (MeV)

19





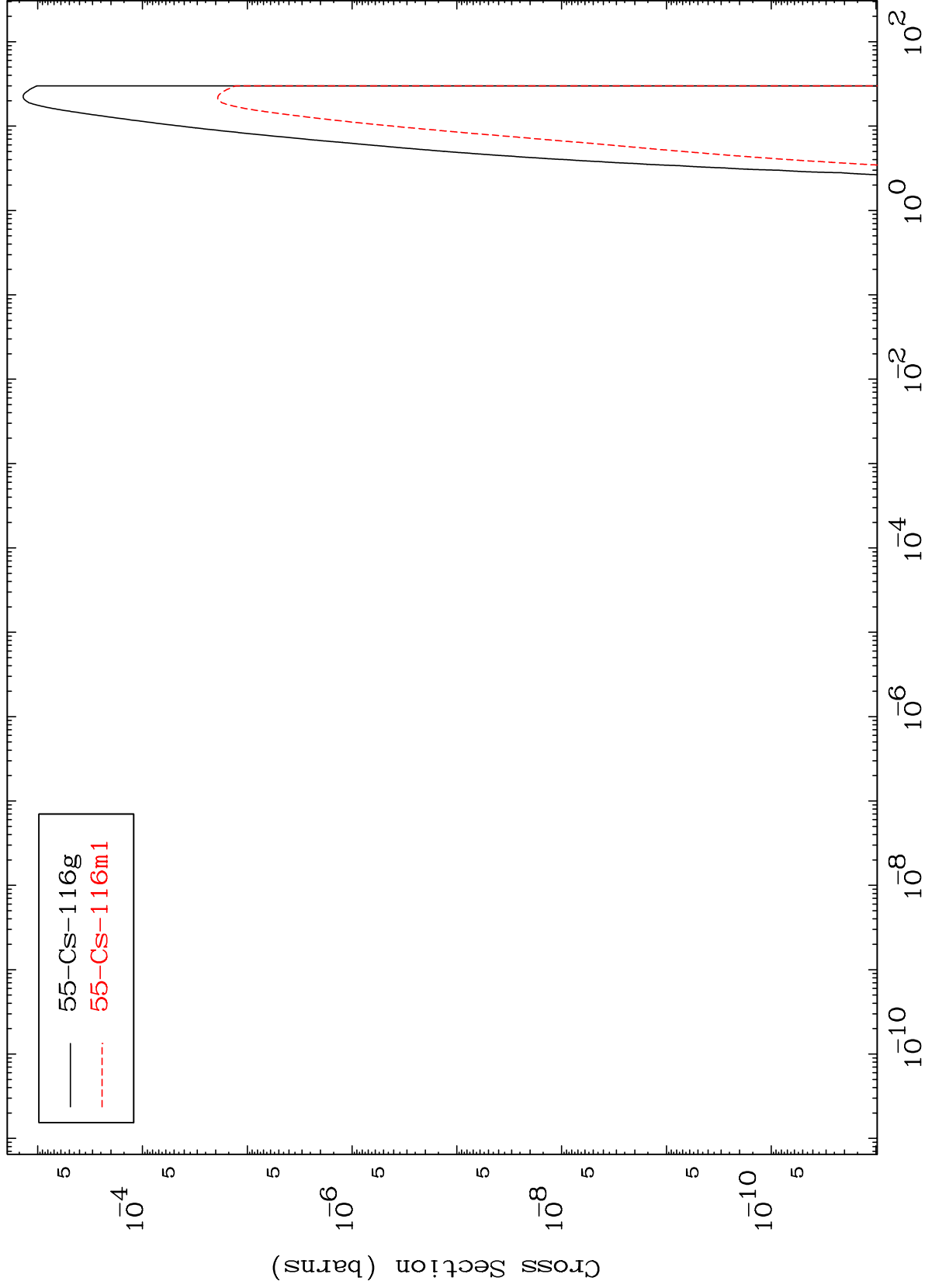


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$(n, n') \alpha$

57-La-120

Radionuclide Production Cross Section



23

Incident Energy (MeV)

57-La-120

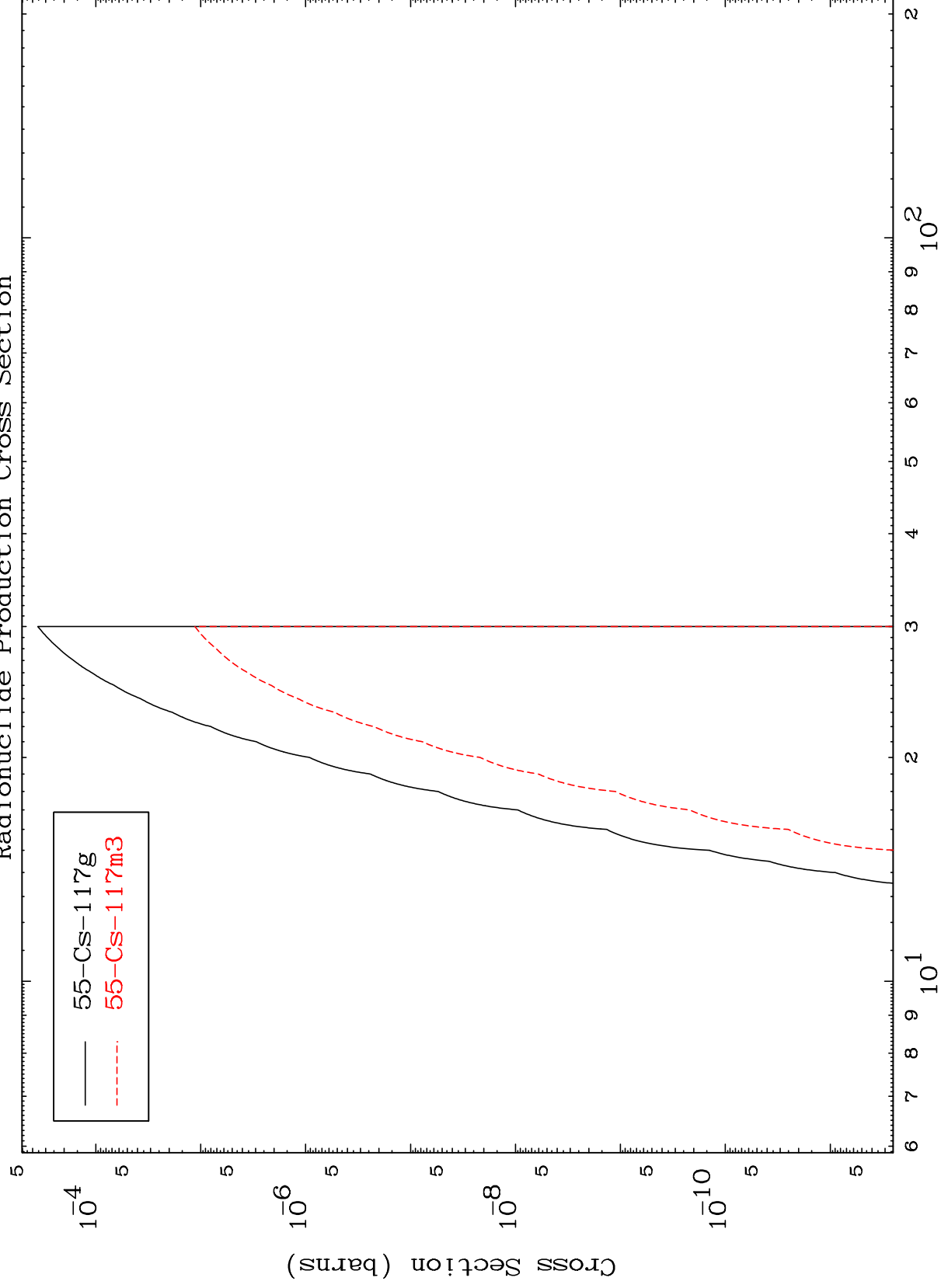


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(n,n') He-3

57-La-120

Radionuclide Production Cross Section



24

Incident Energy (MeV)

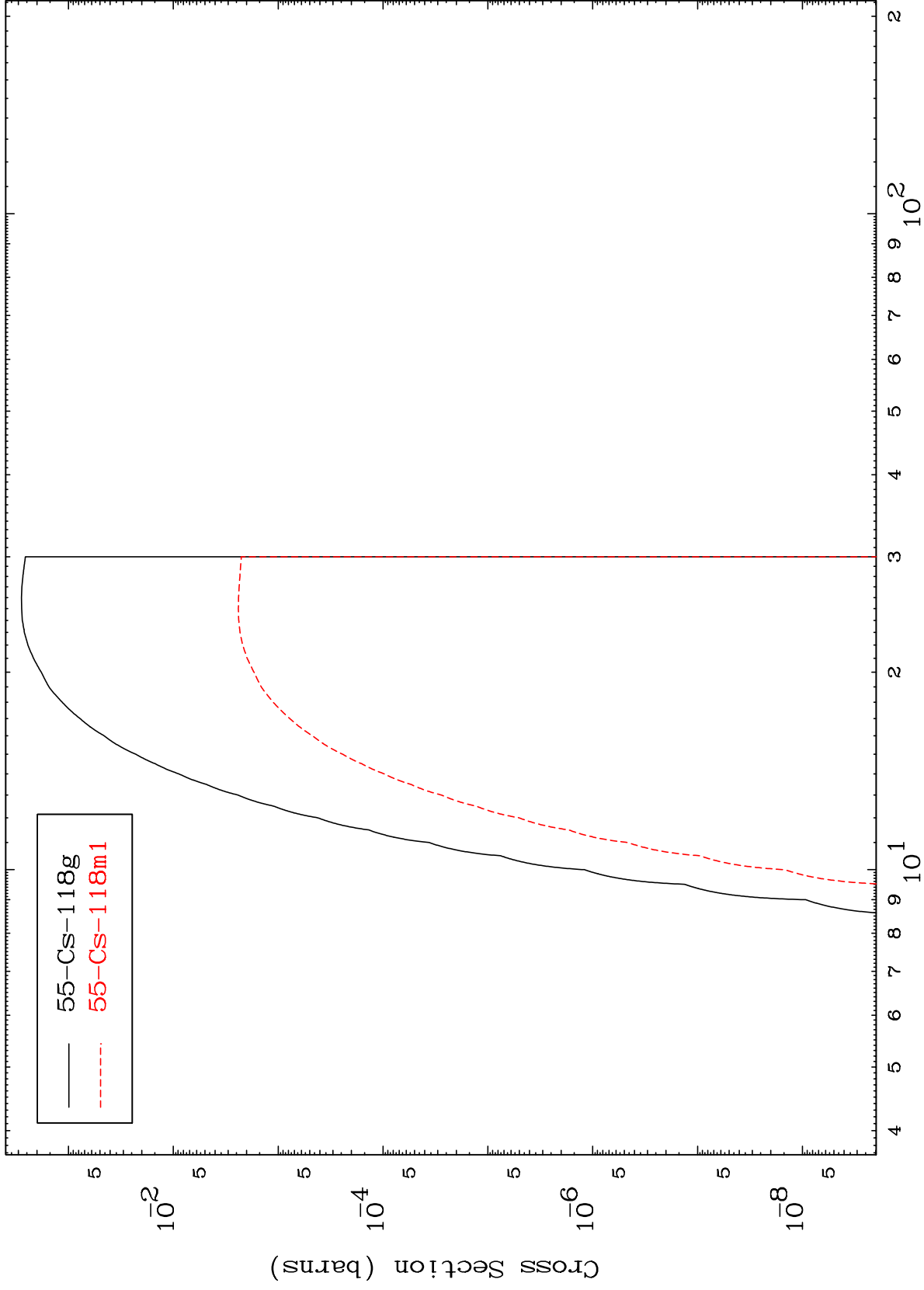
57-La-120

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(n,2n) p

57-La-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

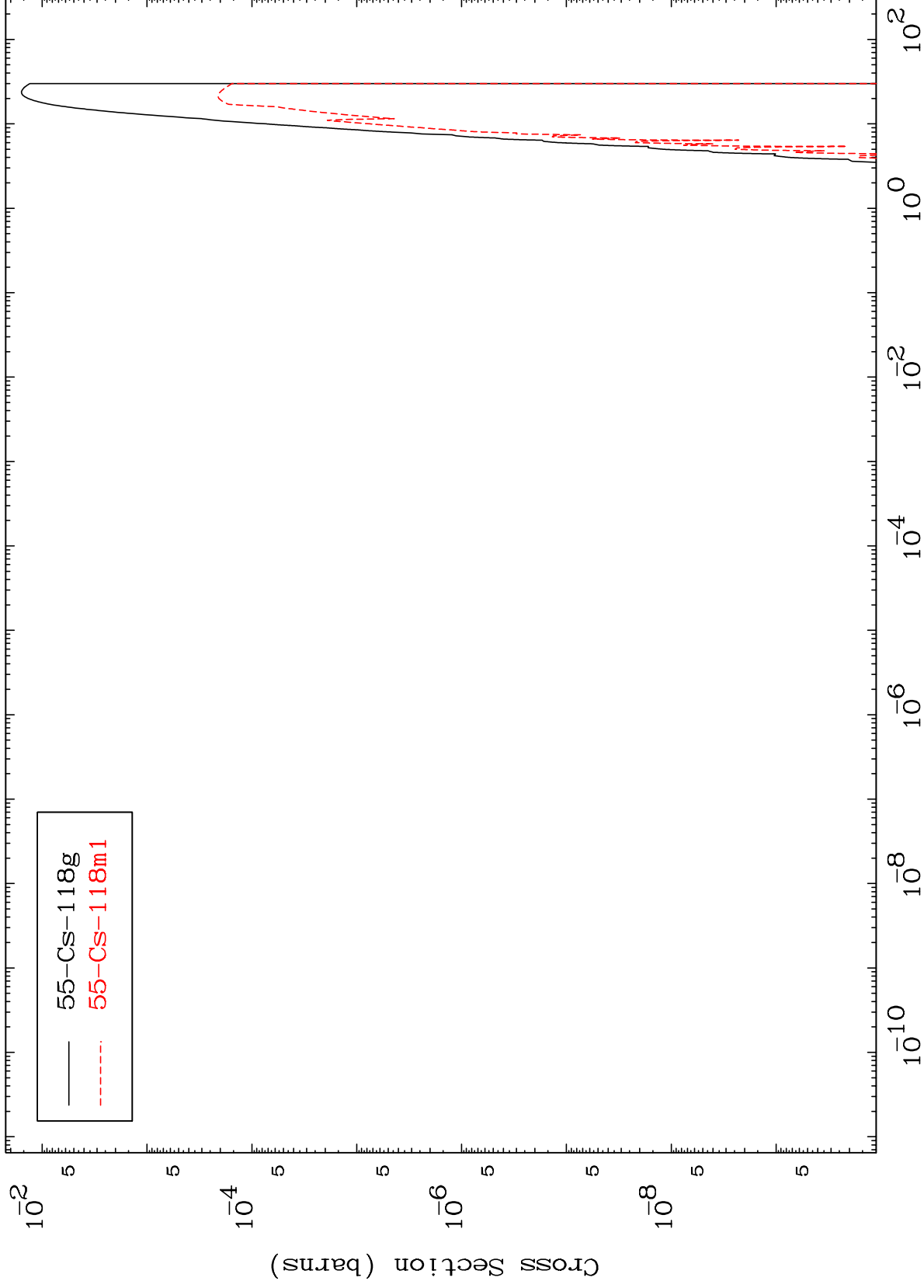
57-La-120

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(n,He-3)

57-La-120

Radionuclide Production Cross Section



26

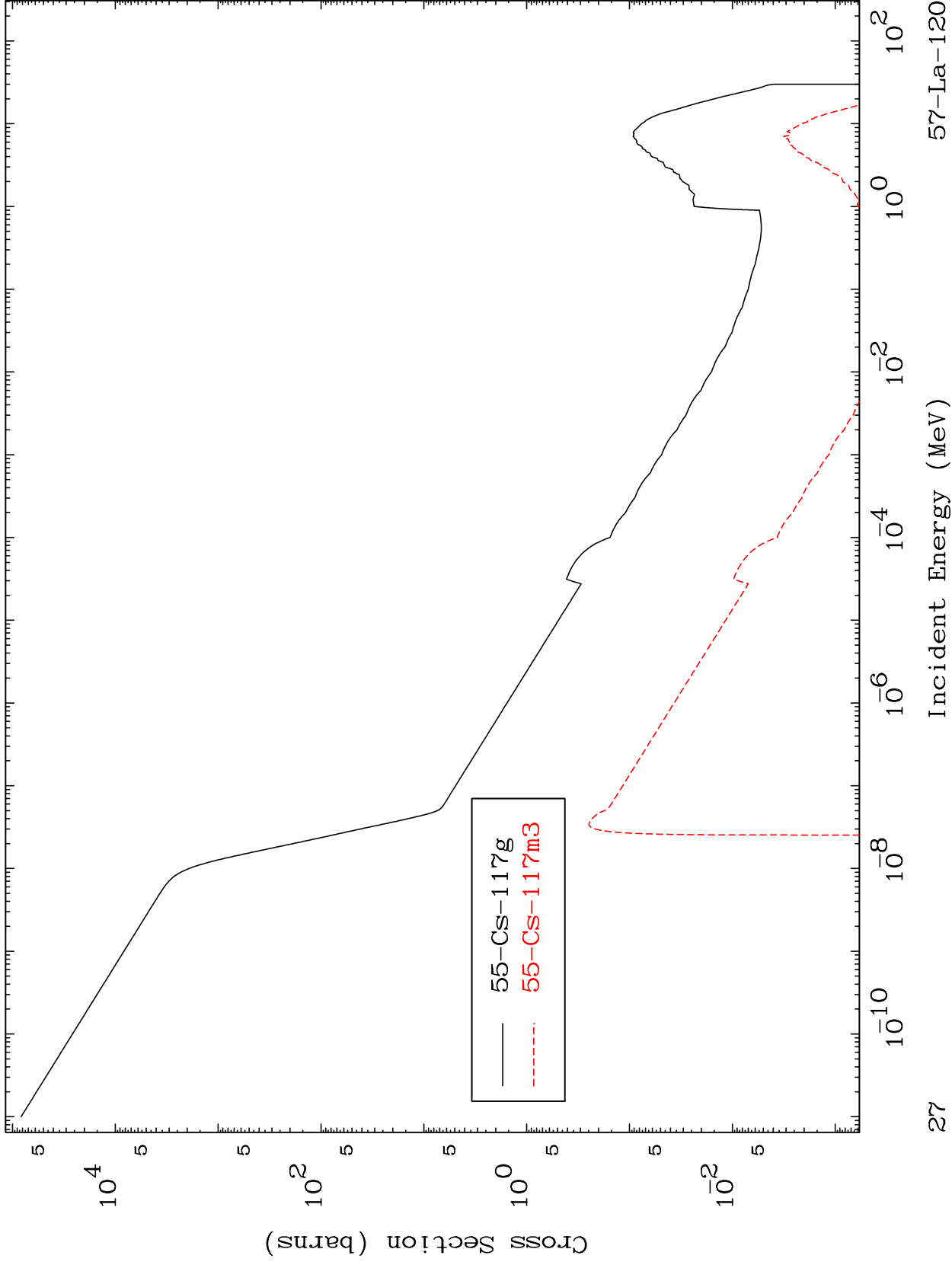
Incident Energy (MeV)

57-La-120

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57-La-120

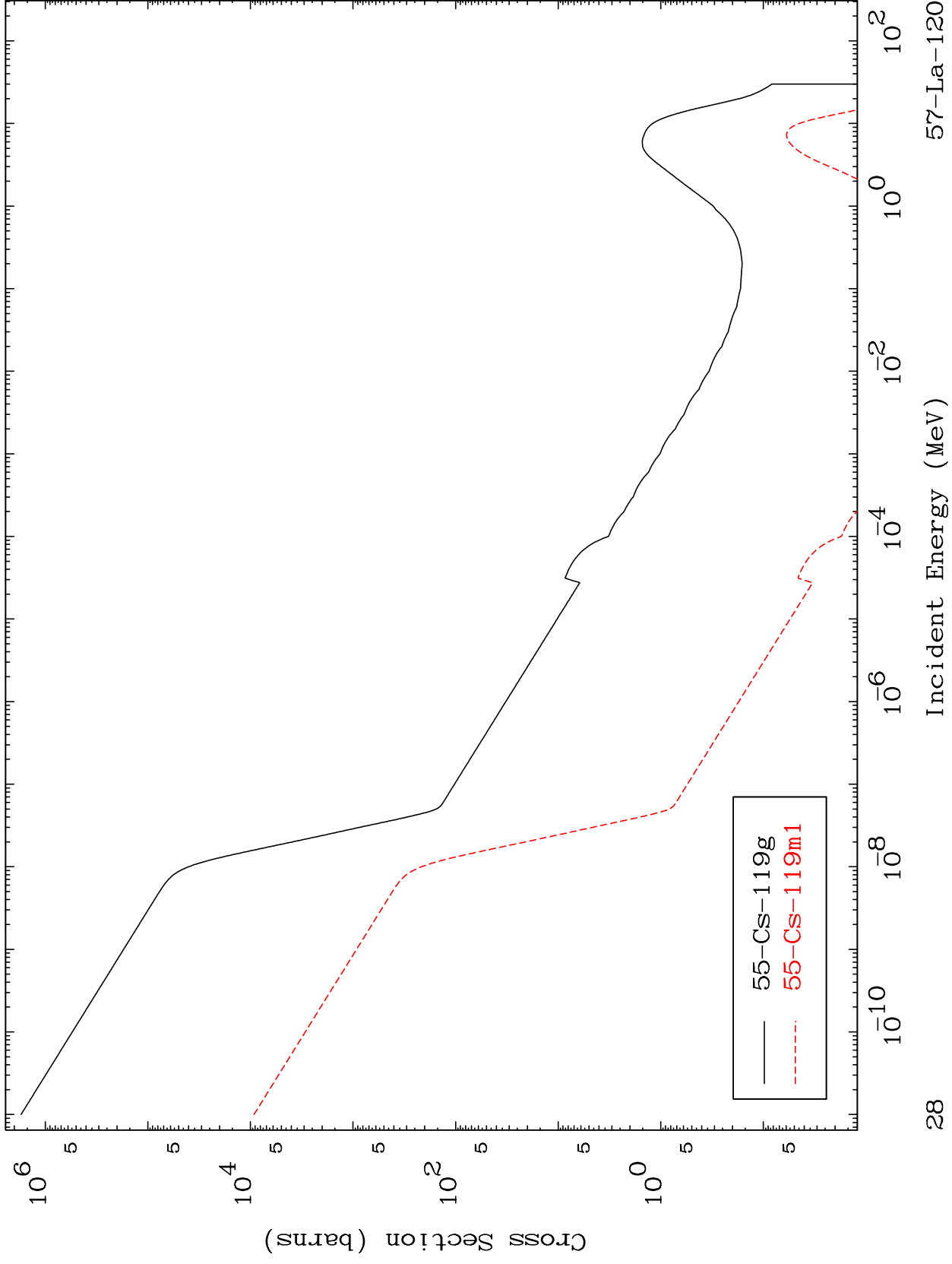
Radionuclide Production Cross Section



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57-La-120

(n,2p)  
Radionuclide Production Cross Section

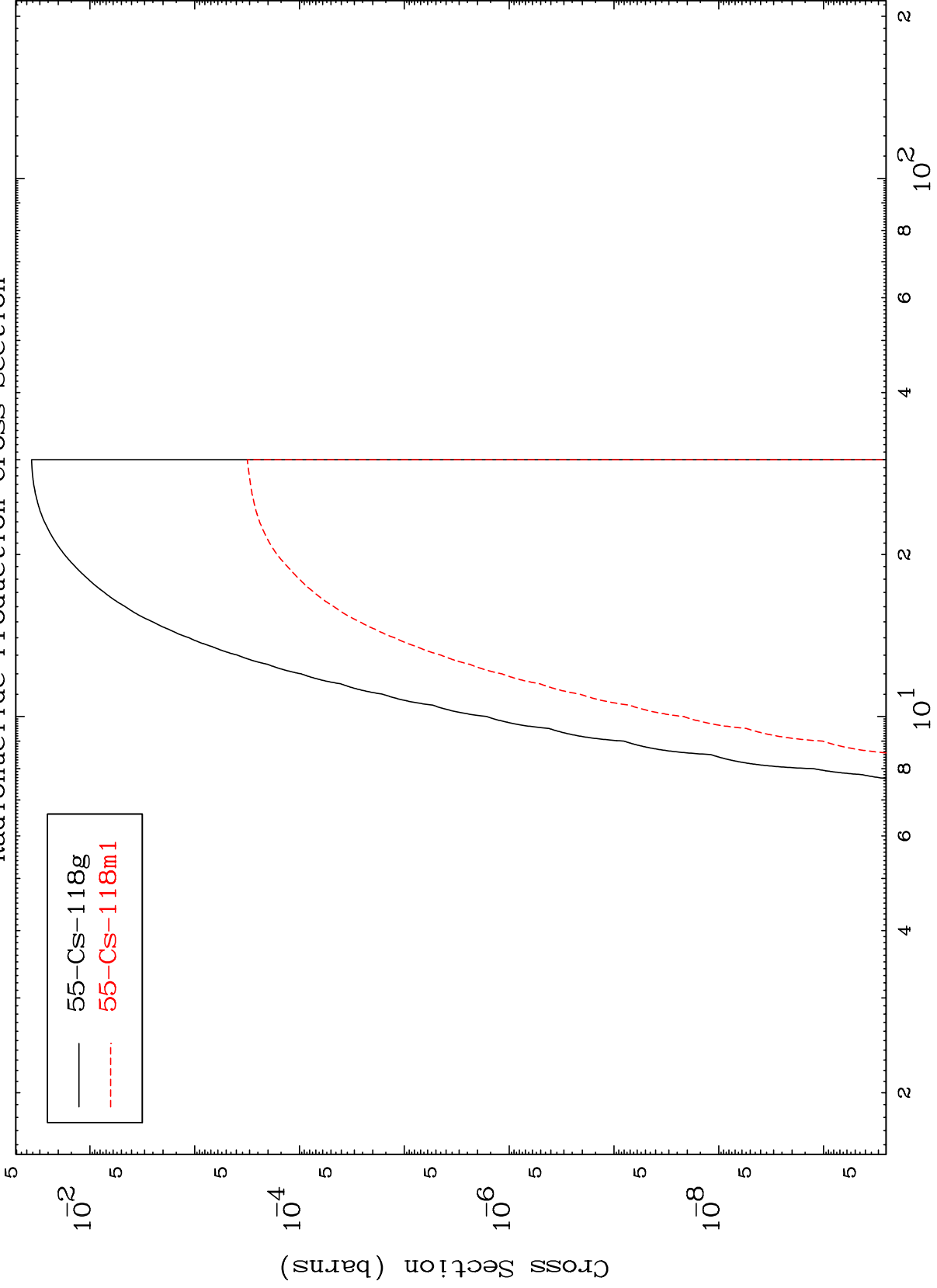


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(n,p) d

57-La-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

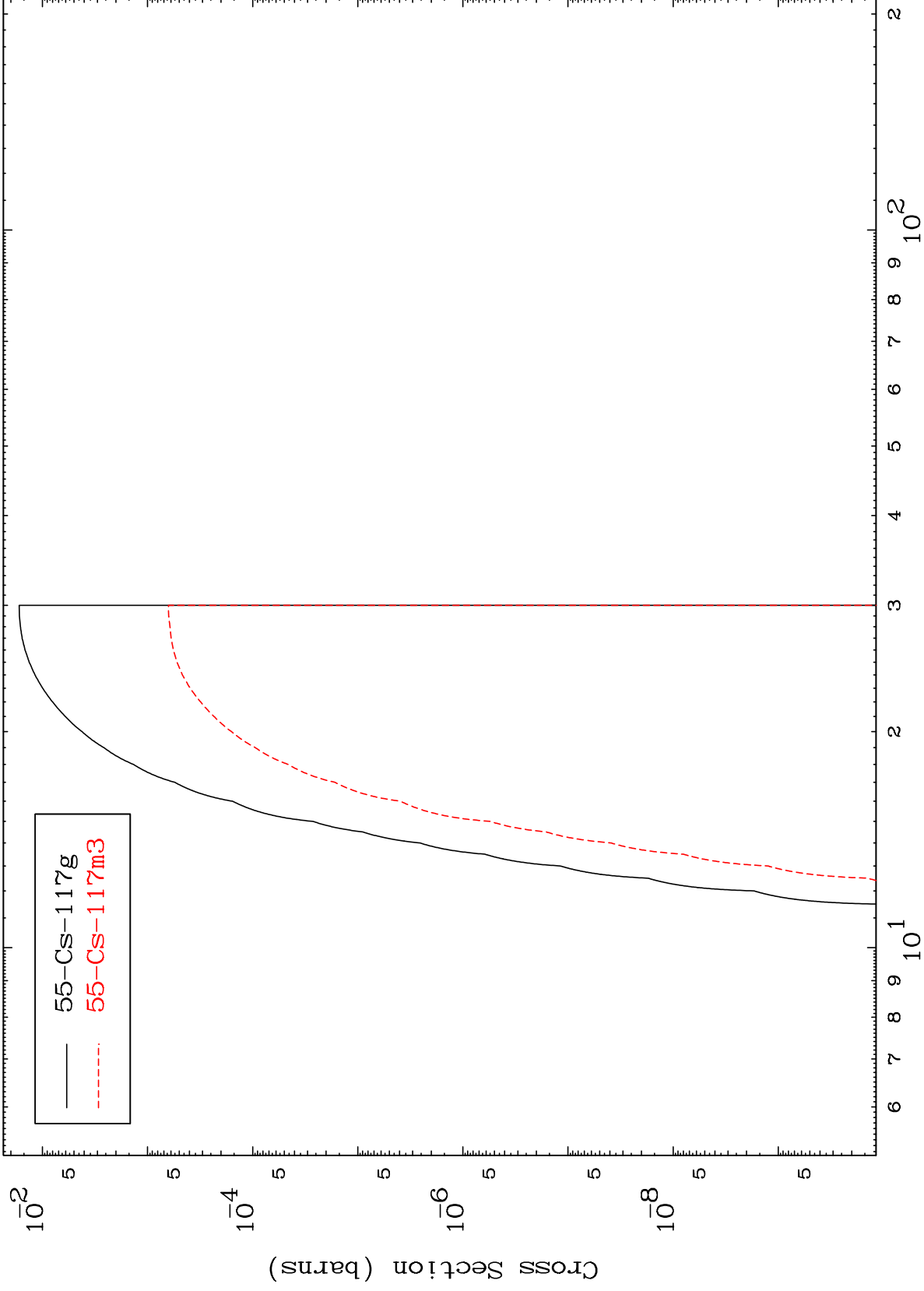
57-La-120

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(n,p) t

57-La-120

Radionuclide Production Cross Section



30

Incident Energy (MeV)

57-La-120