

Program EVALPLOT  
(Version 2015-2)

by

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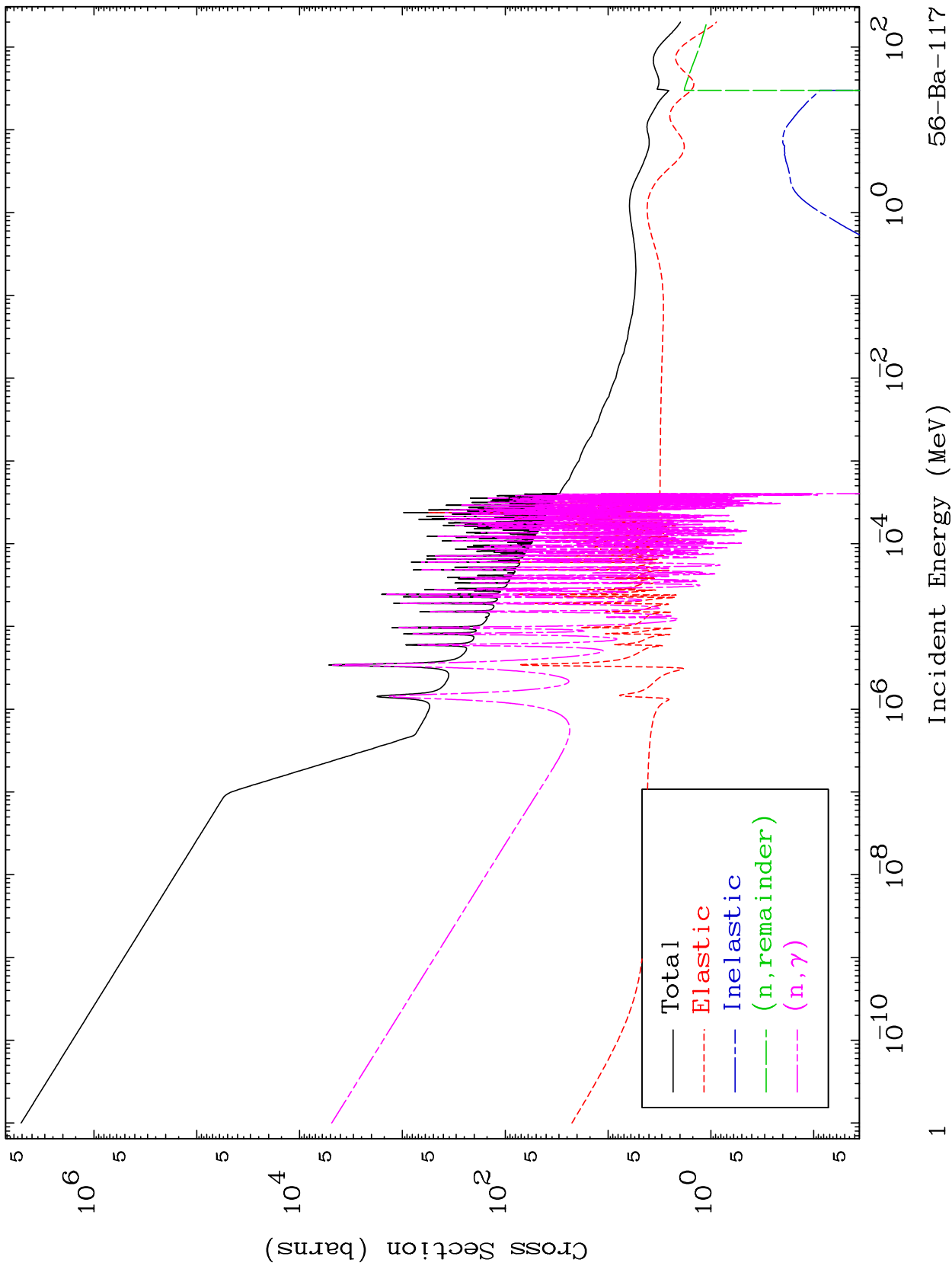
Press Mouse Button to Start

MAT 5586

Major

293 Kelvin Cross Sections

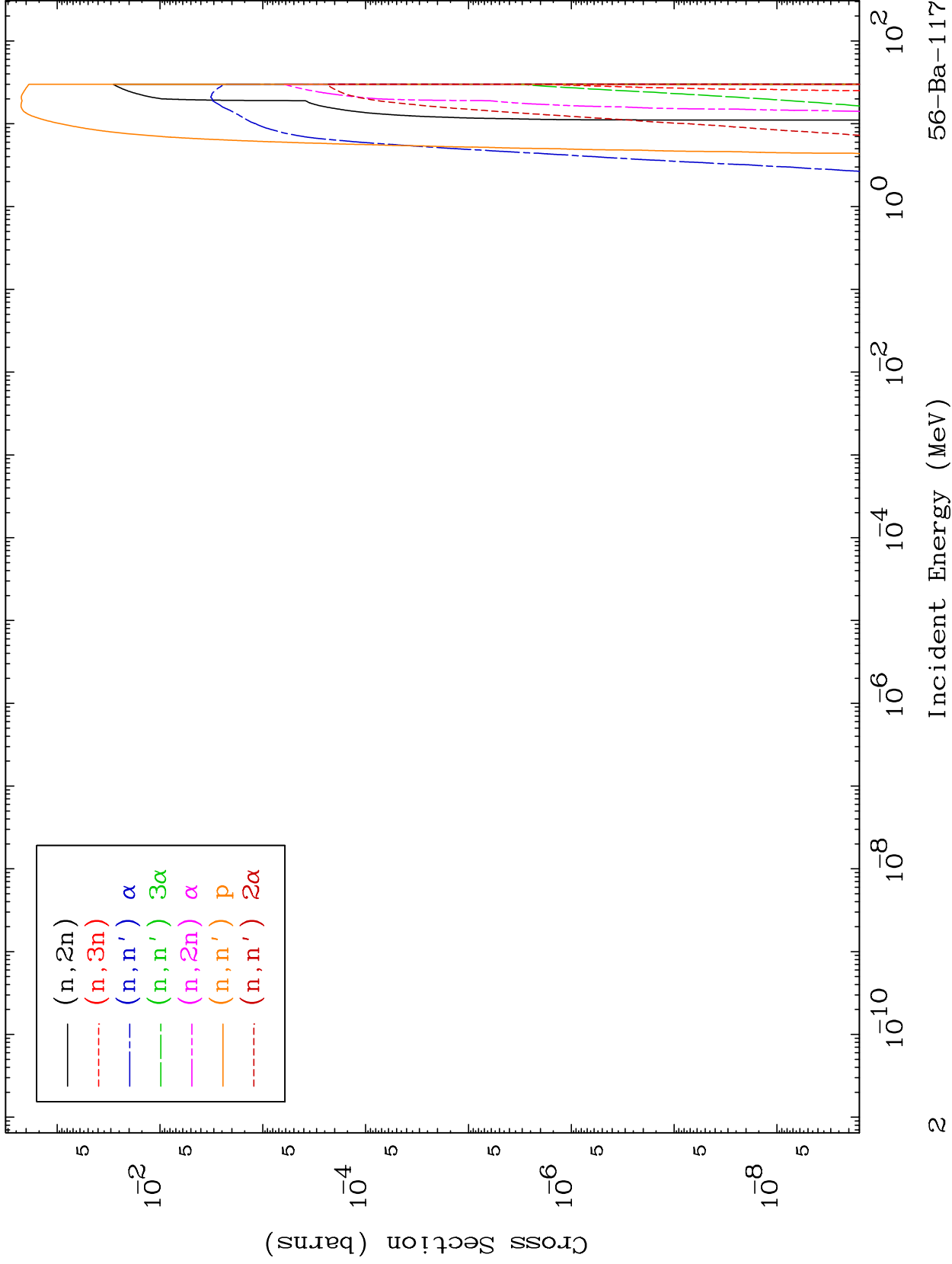
56-Ba-117

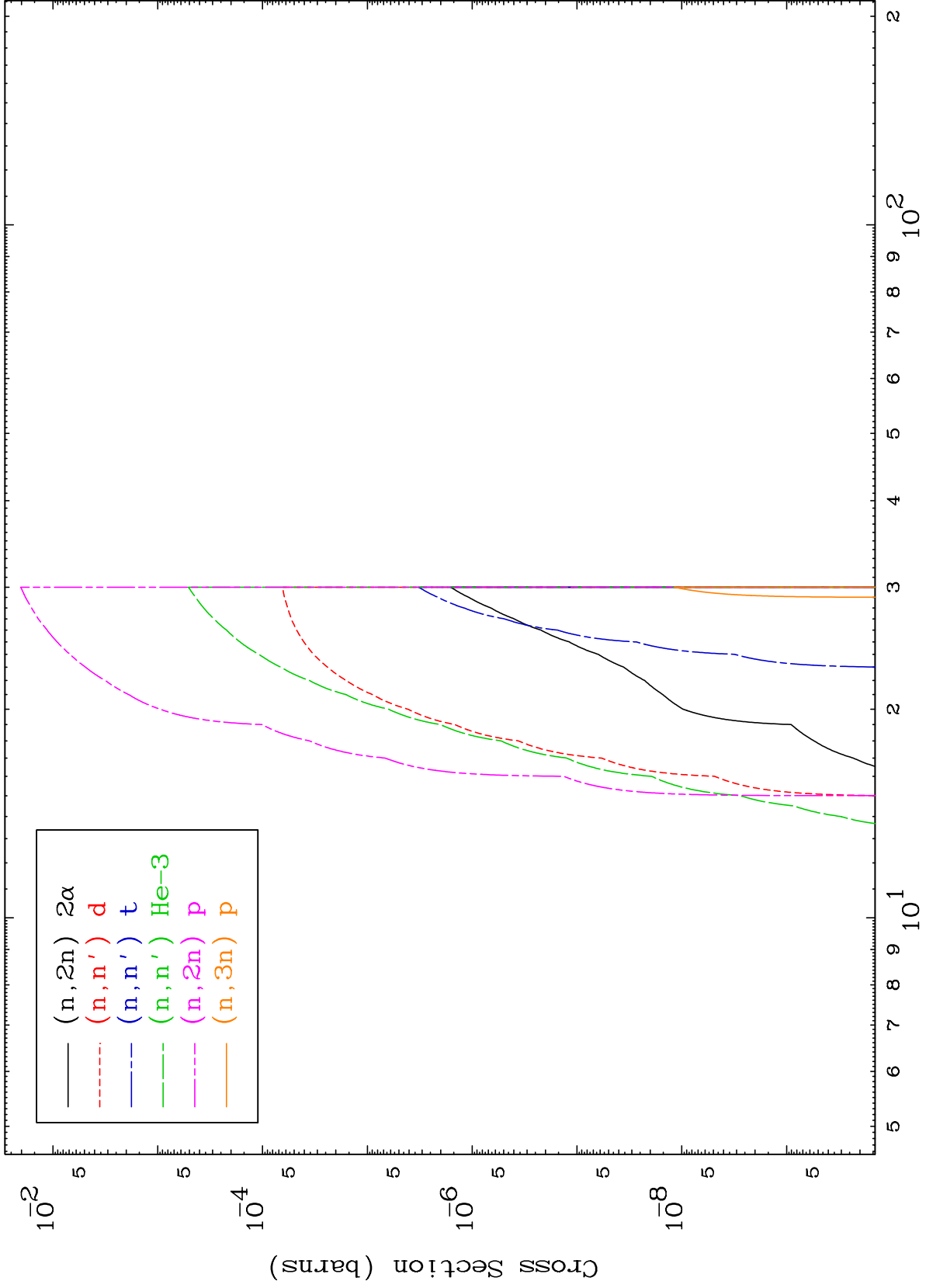


MAT 5586

Neutron Production  
293 Kelvin Cross Sections

56-Ba-117

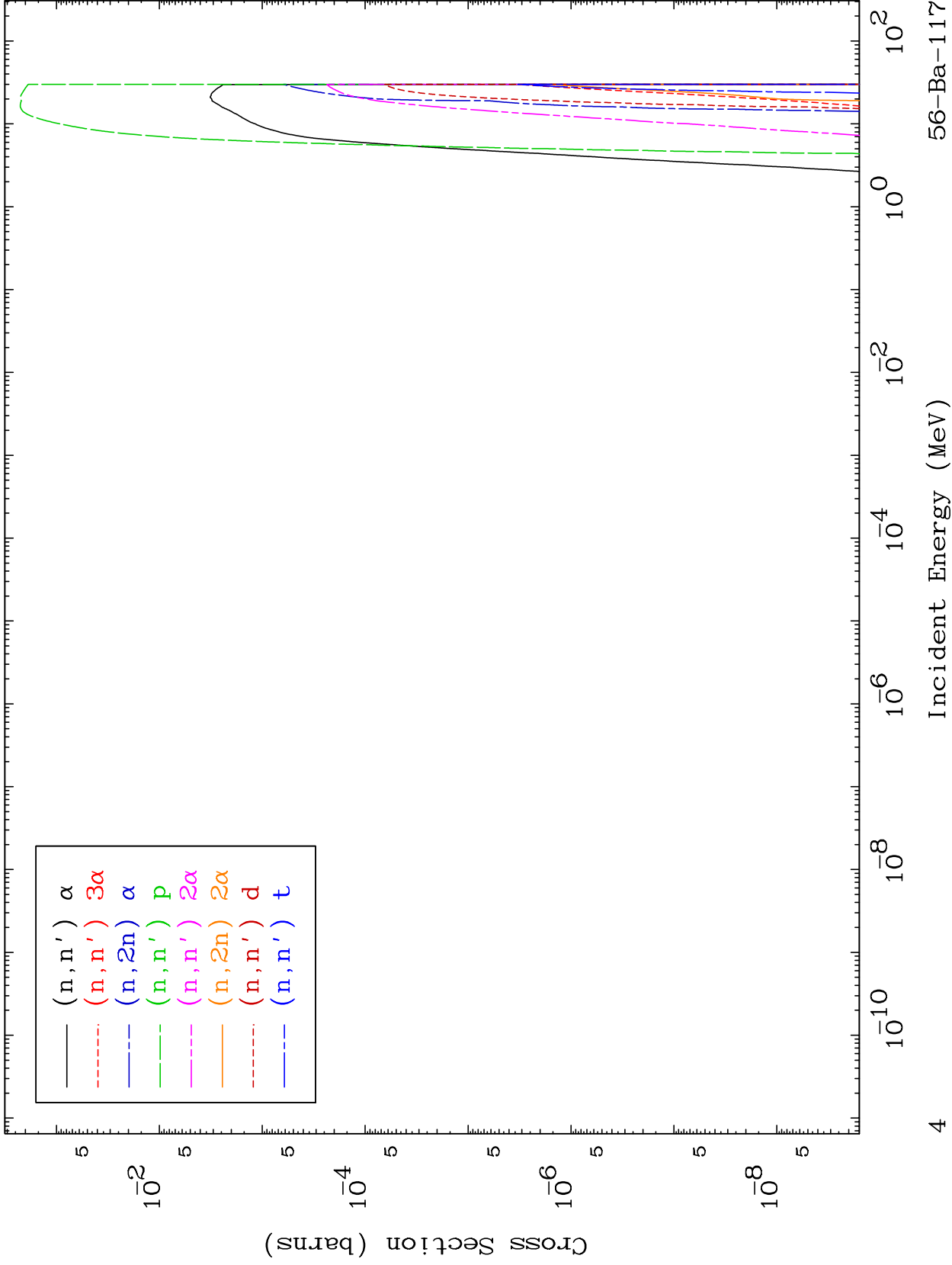




MAT 5586

Charged Particle  
293 Kelvin Cross Sections

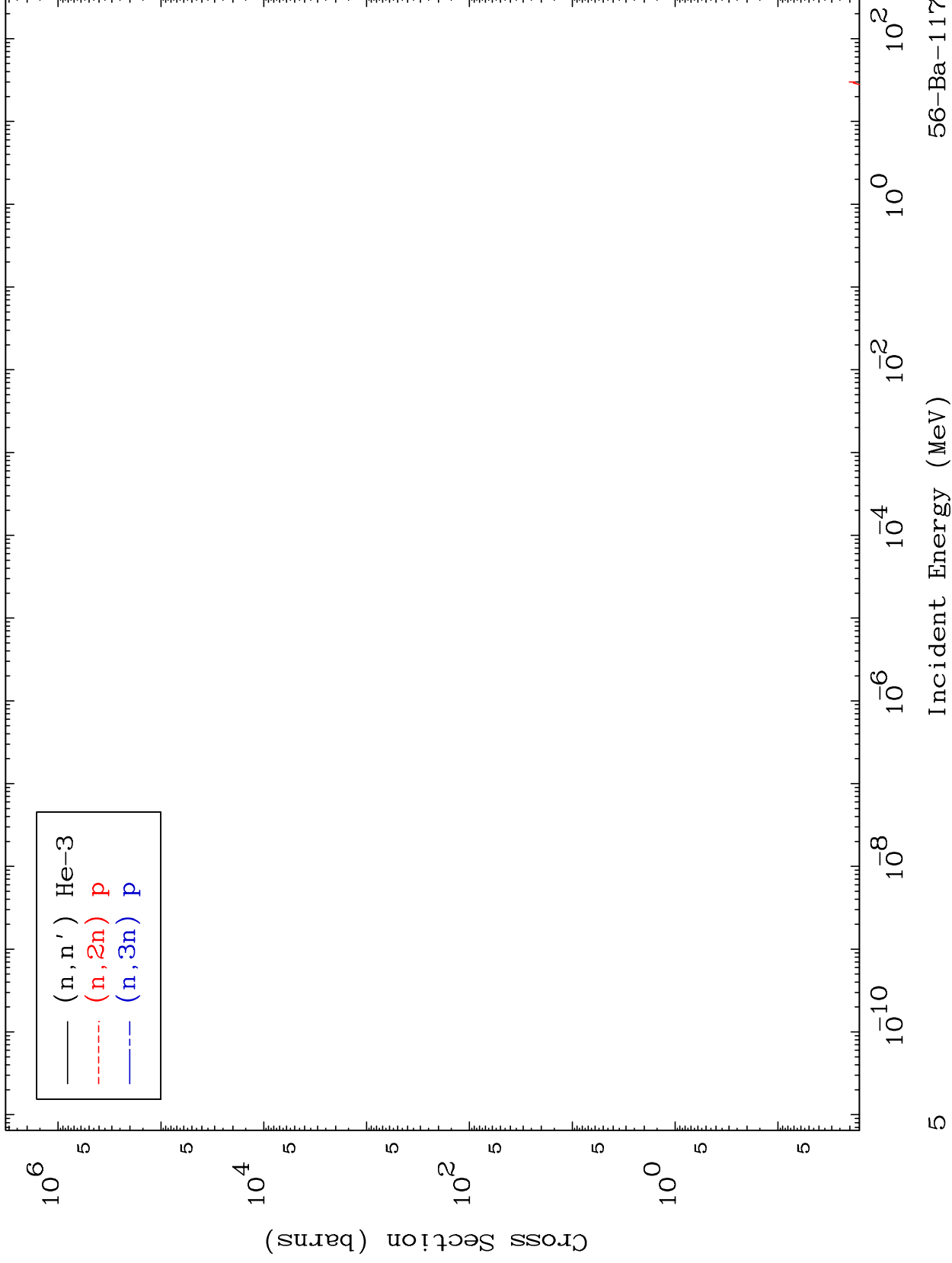
56-Ba-117



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Charged Particle  
293 Kelvin Cross Sections

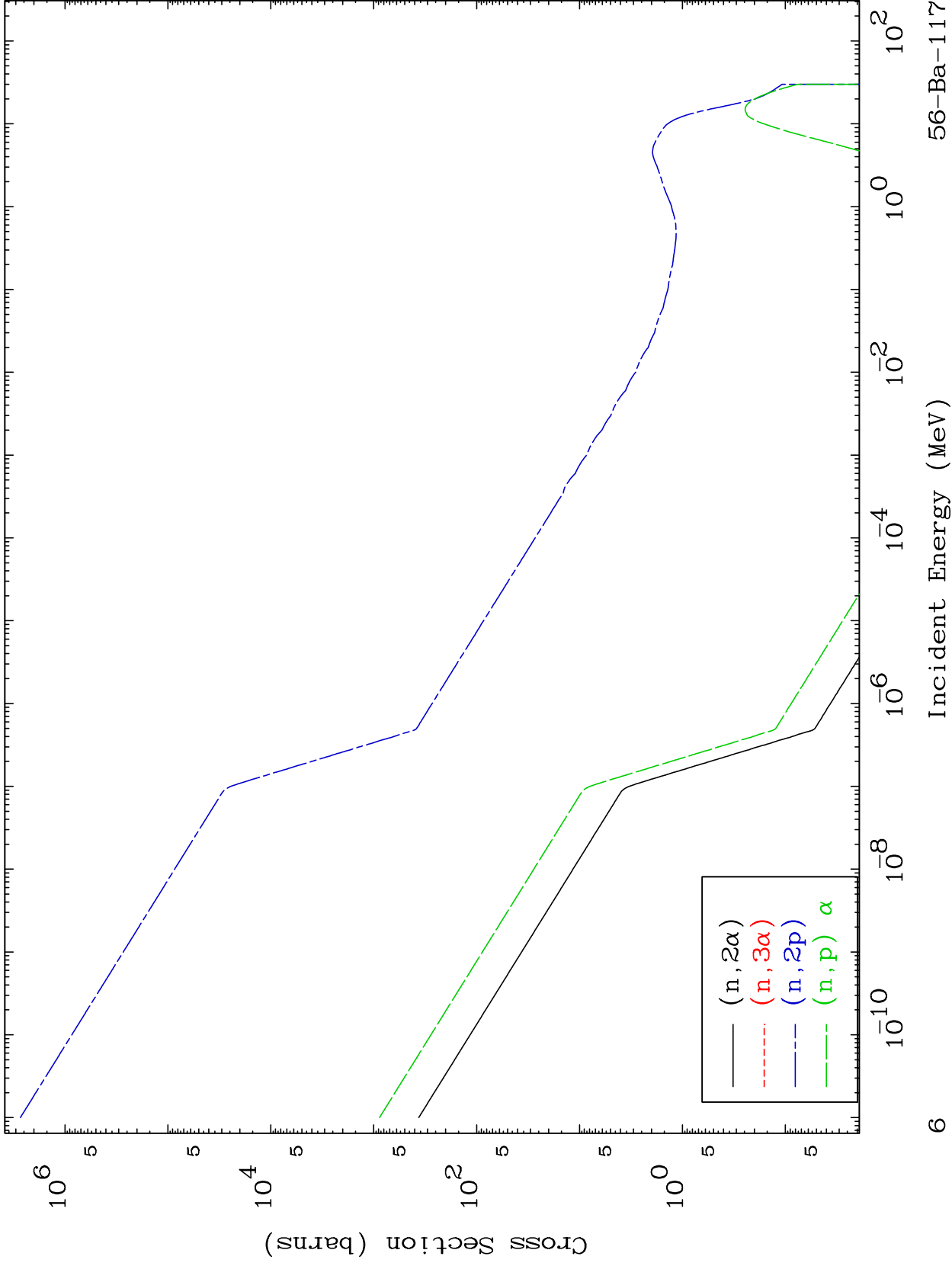
56-Ba-117



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Charged Particle  
293 Kelvin Cross Sections

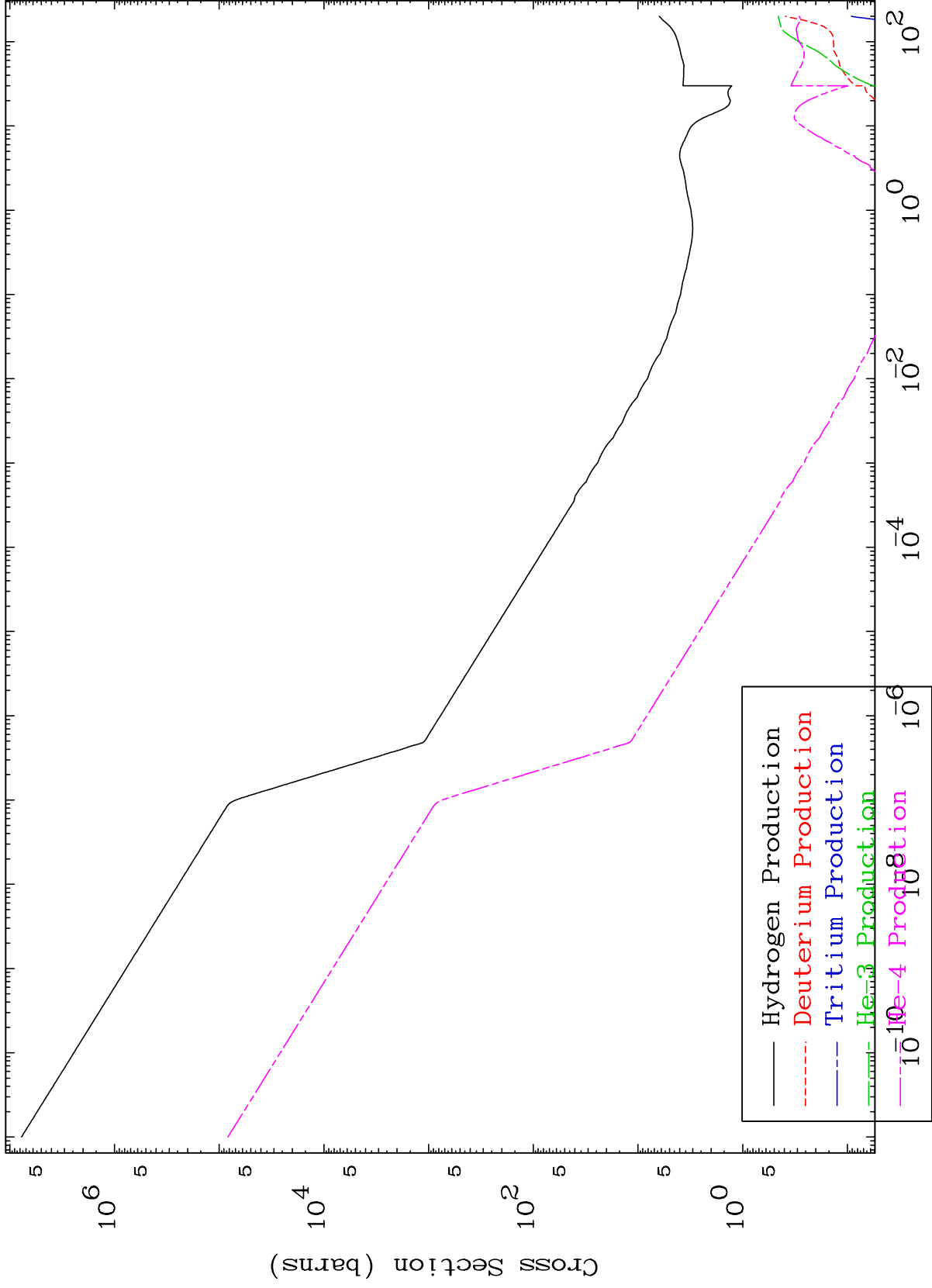
56-Ba-117



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Particle Production  
293 Kelvin Cross Sections

56-Ba-117



56-Ba-117

Incident Energy (MeV)

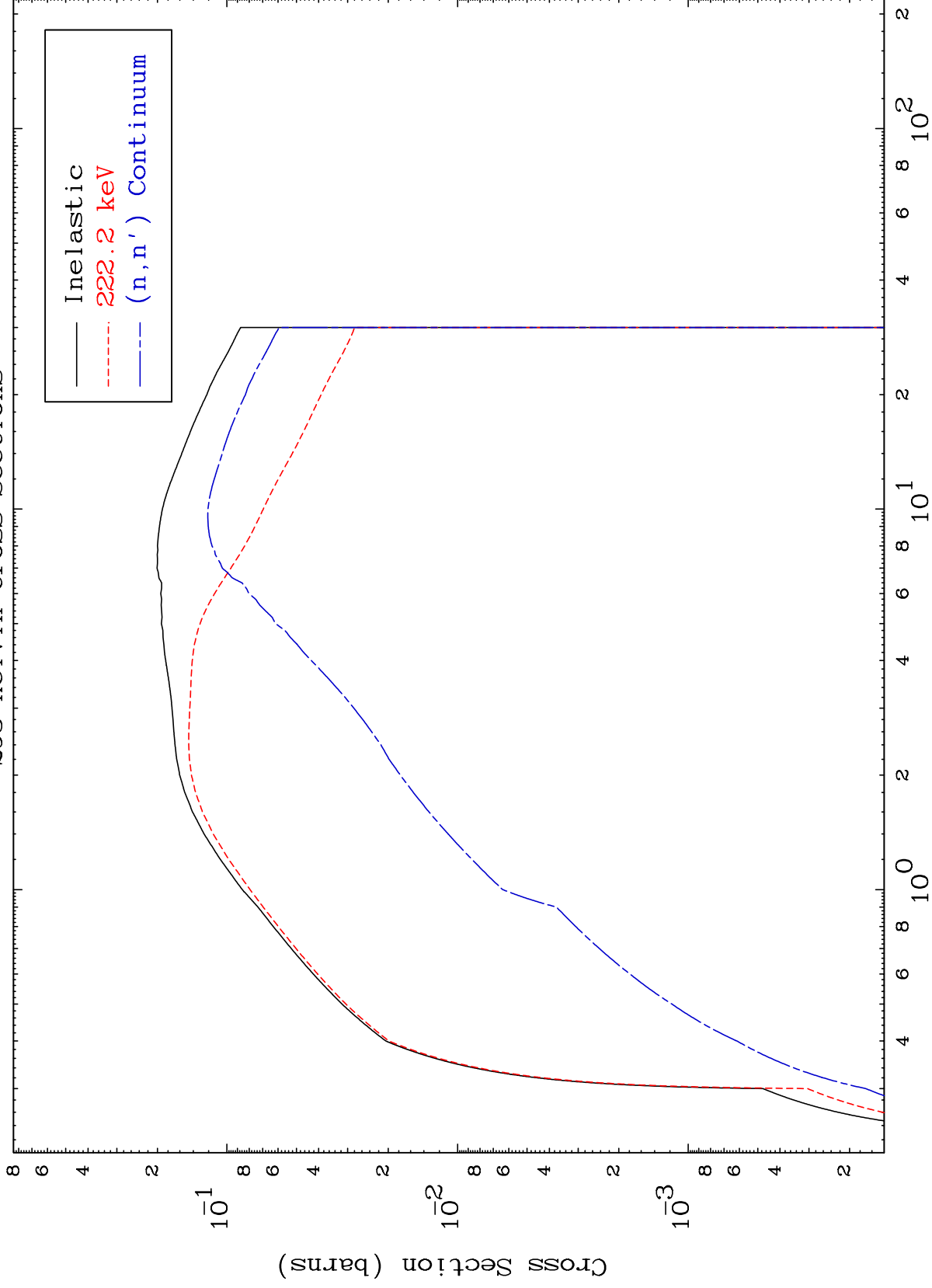
7



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(n,n') Level  
293 Kelvin Cross Sections

56-Ba-117



8

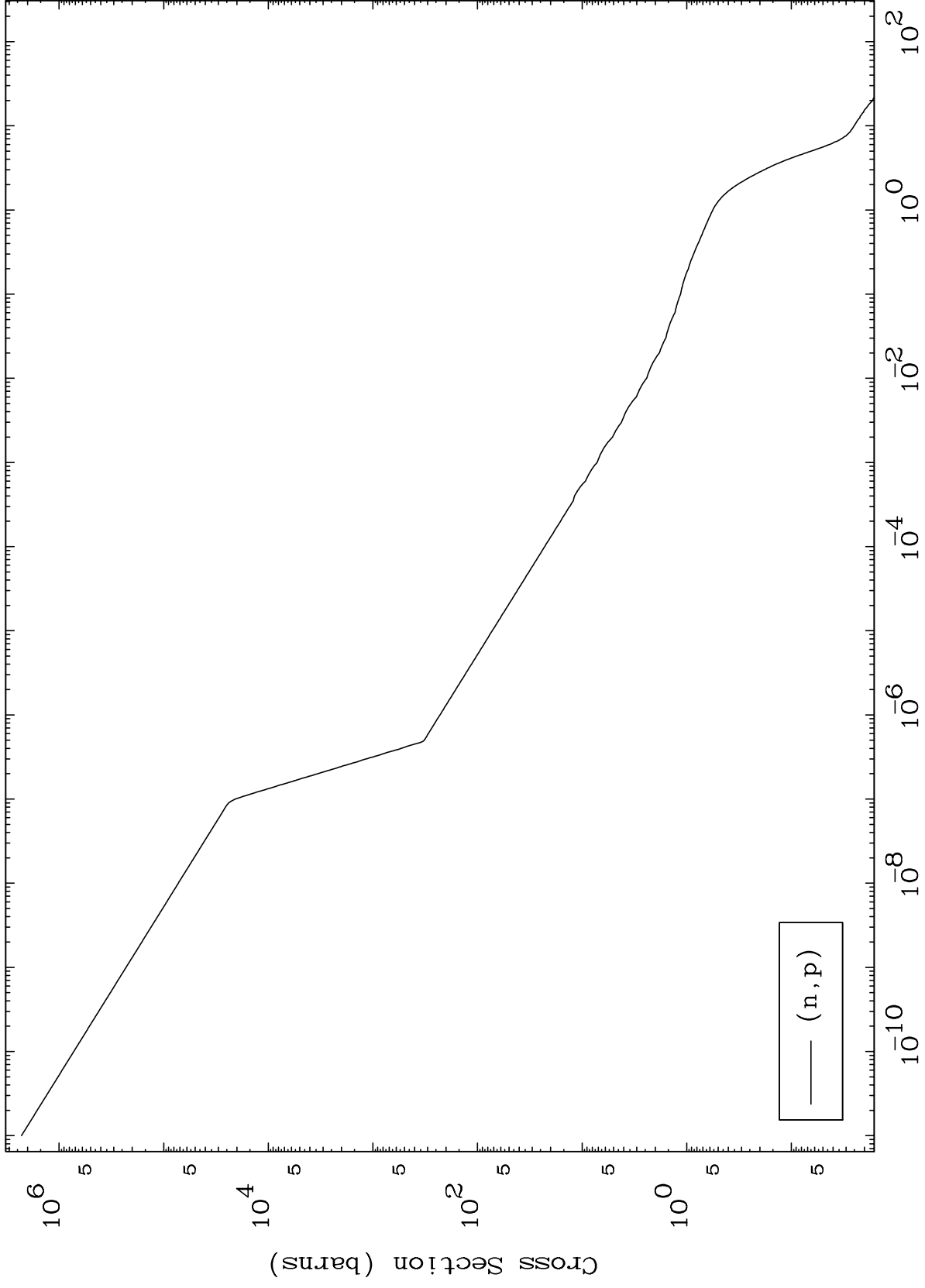
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,p) Levels  
293 Kelvin Cross Sections

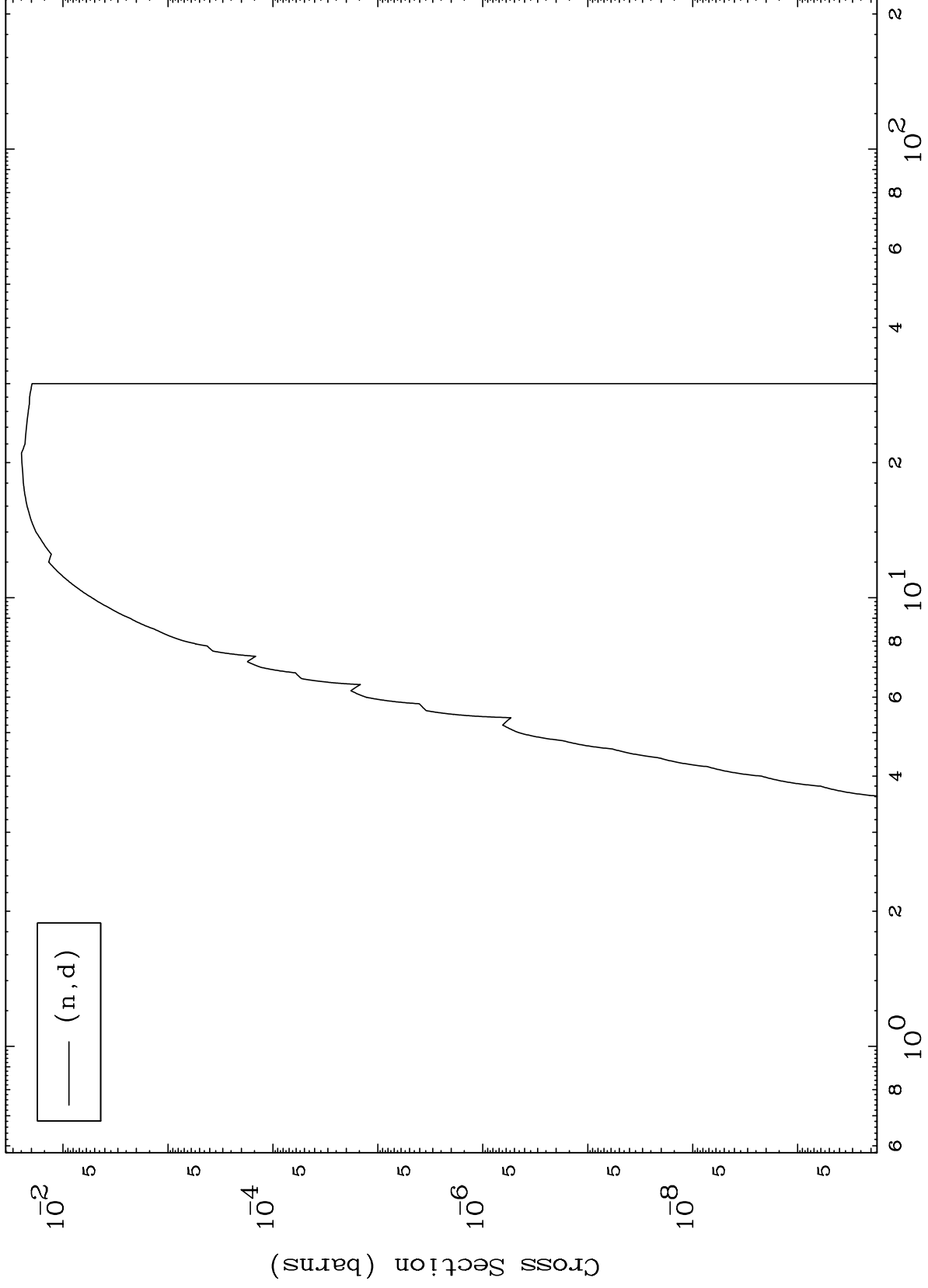
56-Ba-117



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(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-117



10

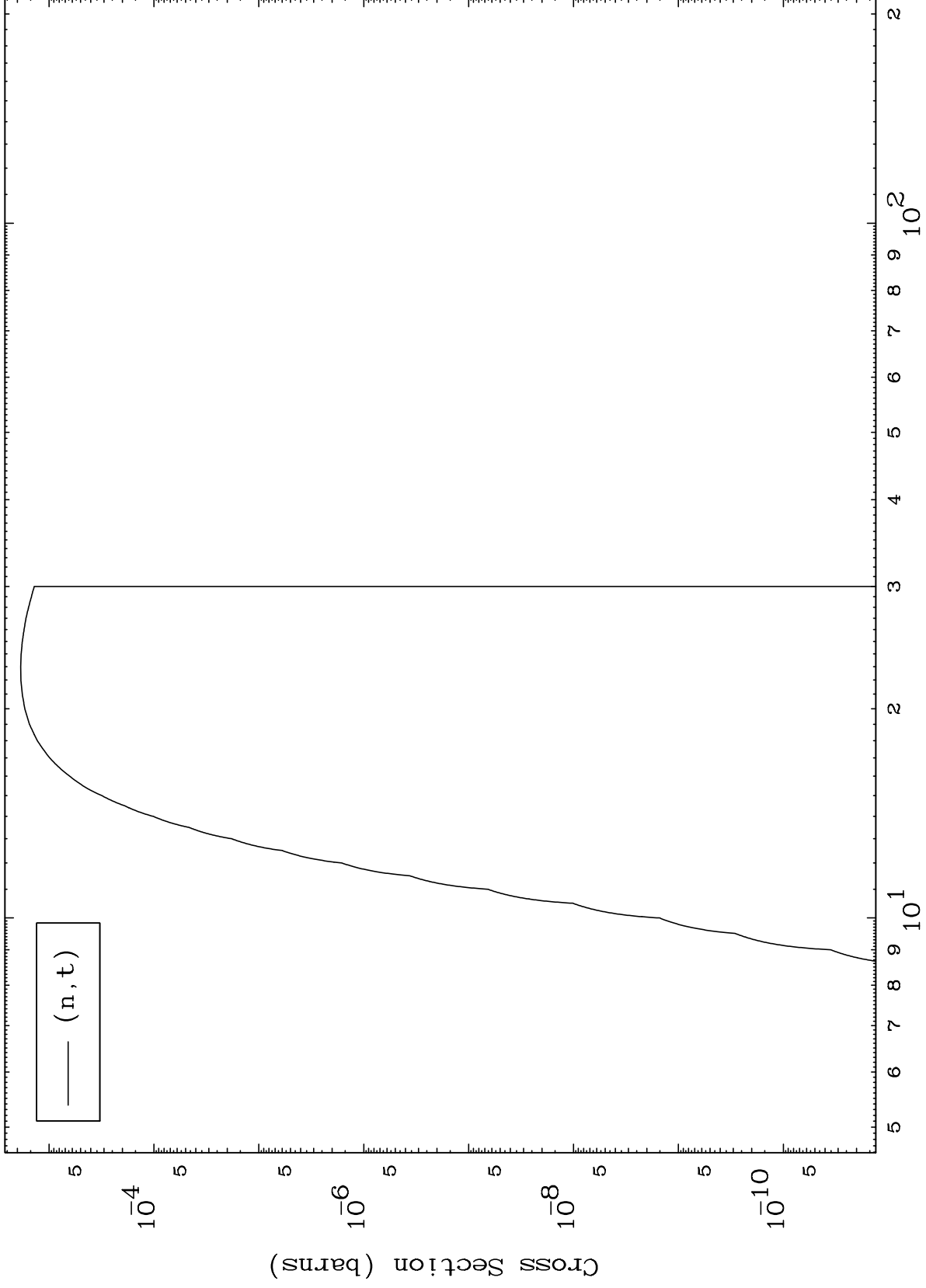
Incident Energy (MeV)

56-Ba-117

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(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-117



11

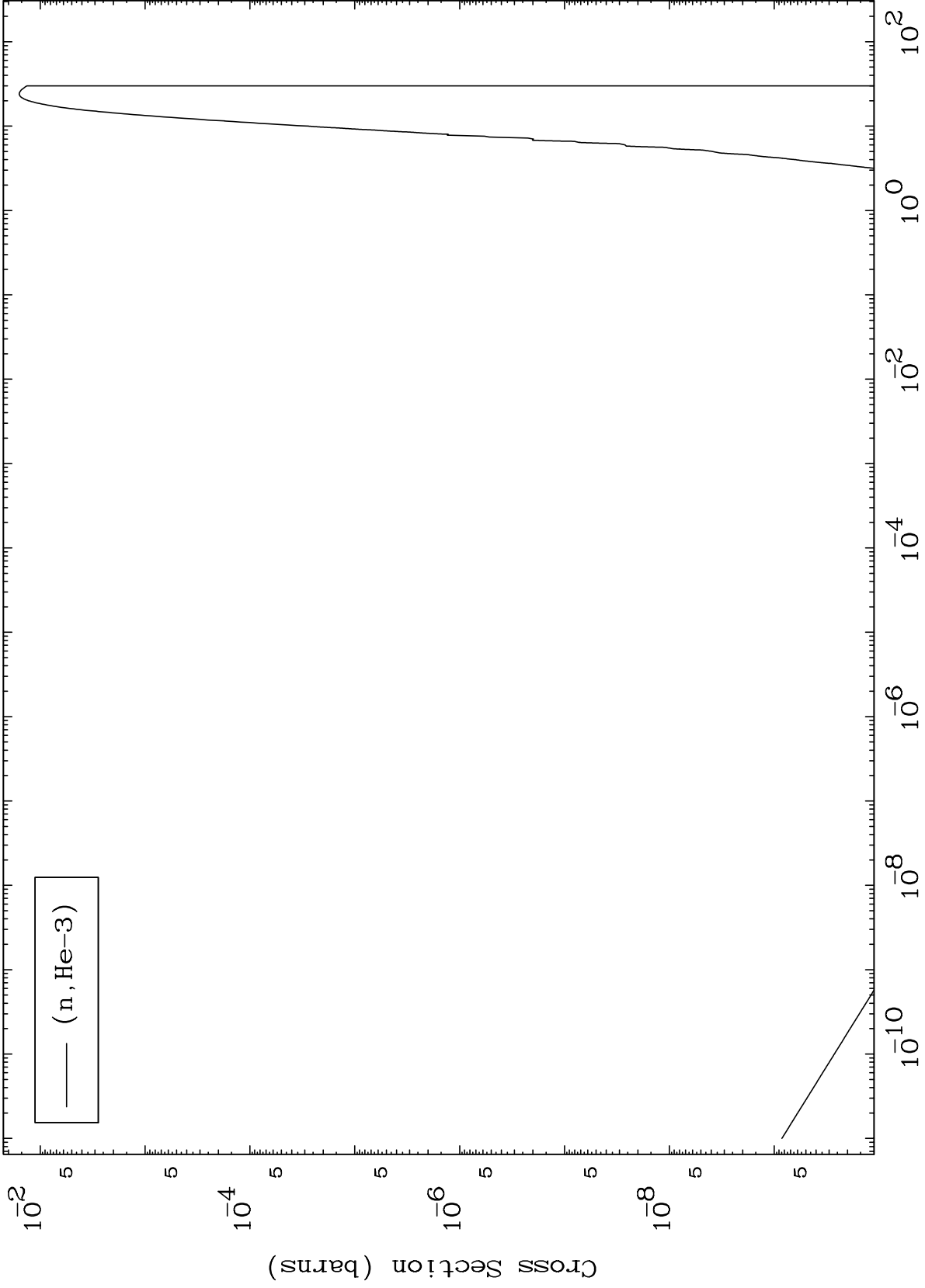
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,He3) Levels  
293 Kelvin Cross Sections

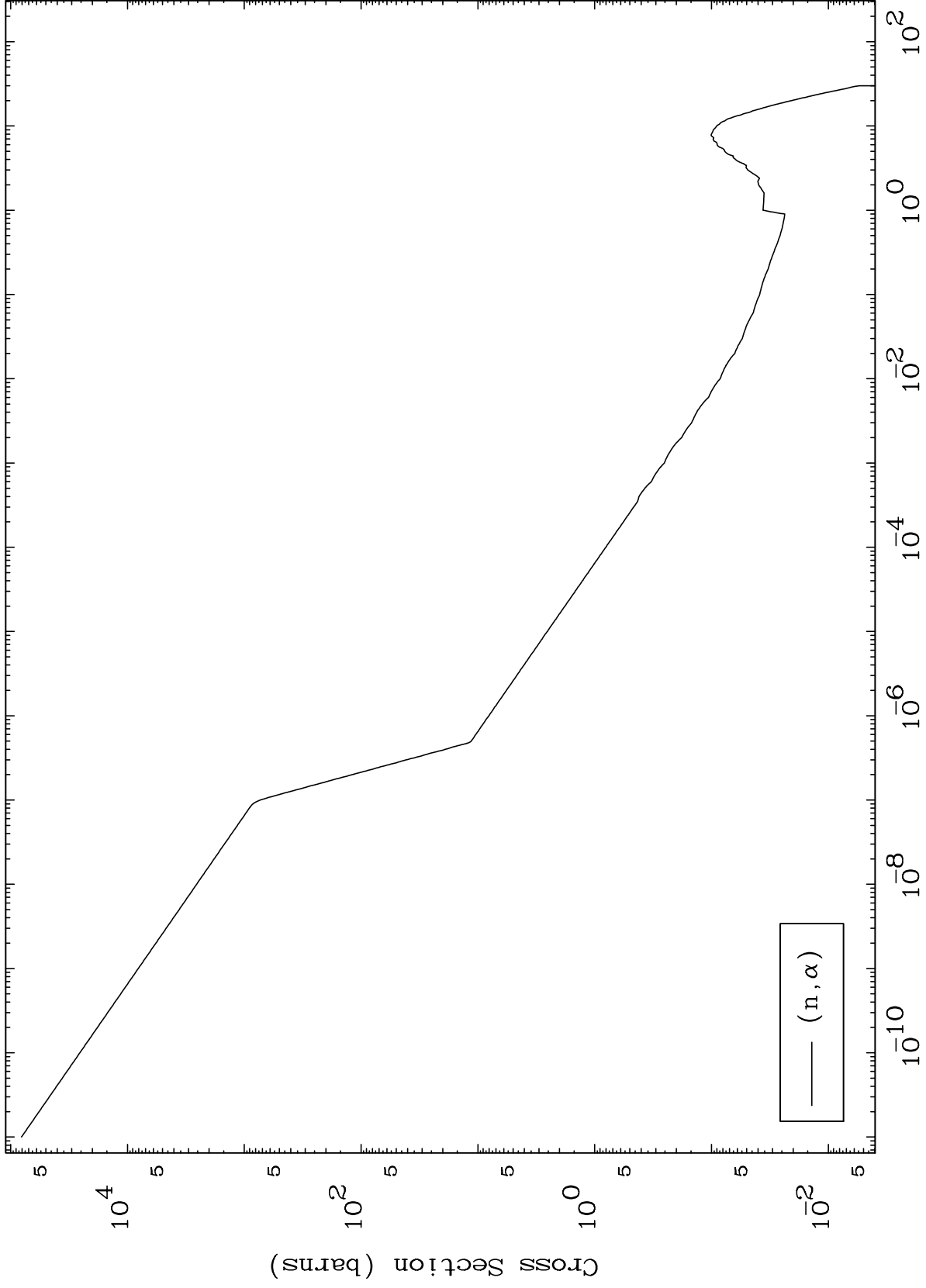
56-Ba-117



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(n,α) Levels  
293 Kelvin Cross Sections

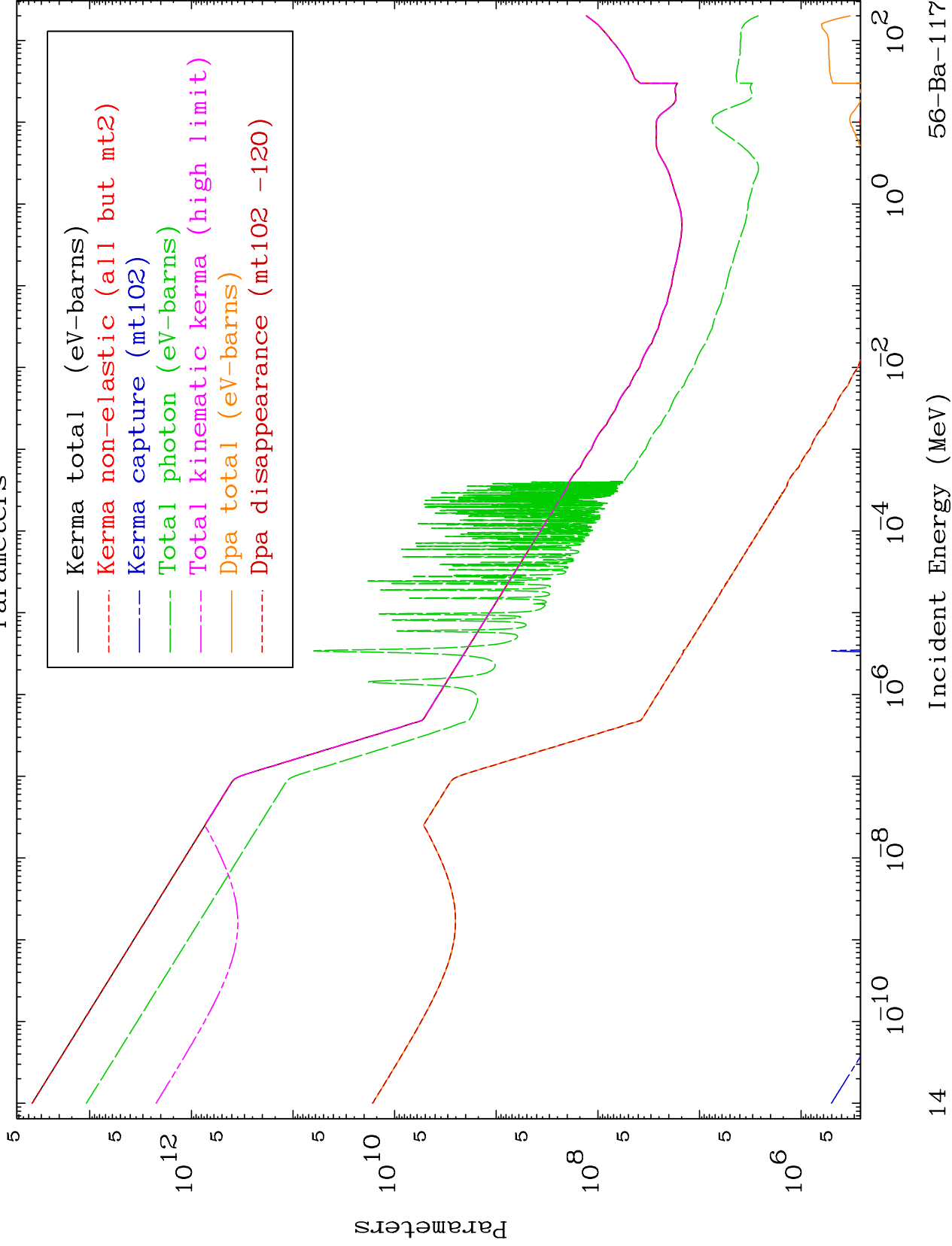
56-Ba-117



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Incident Energy (MeV)

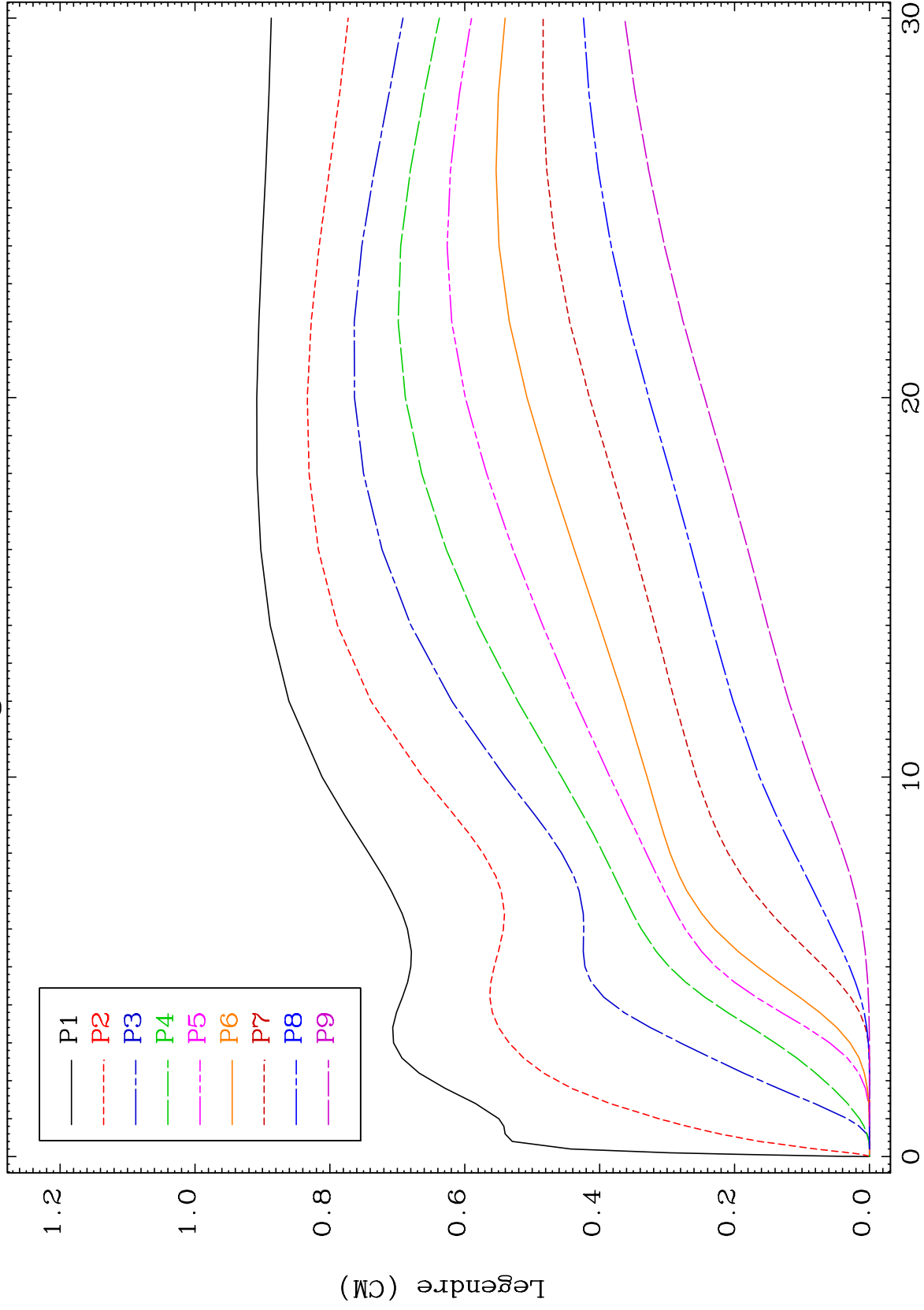
56-Ba-117



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Elastic Legendre Coefficients

56-Ba-117



56-Ba-117

Incident Energy (MeV)

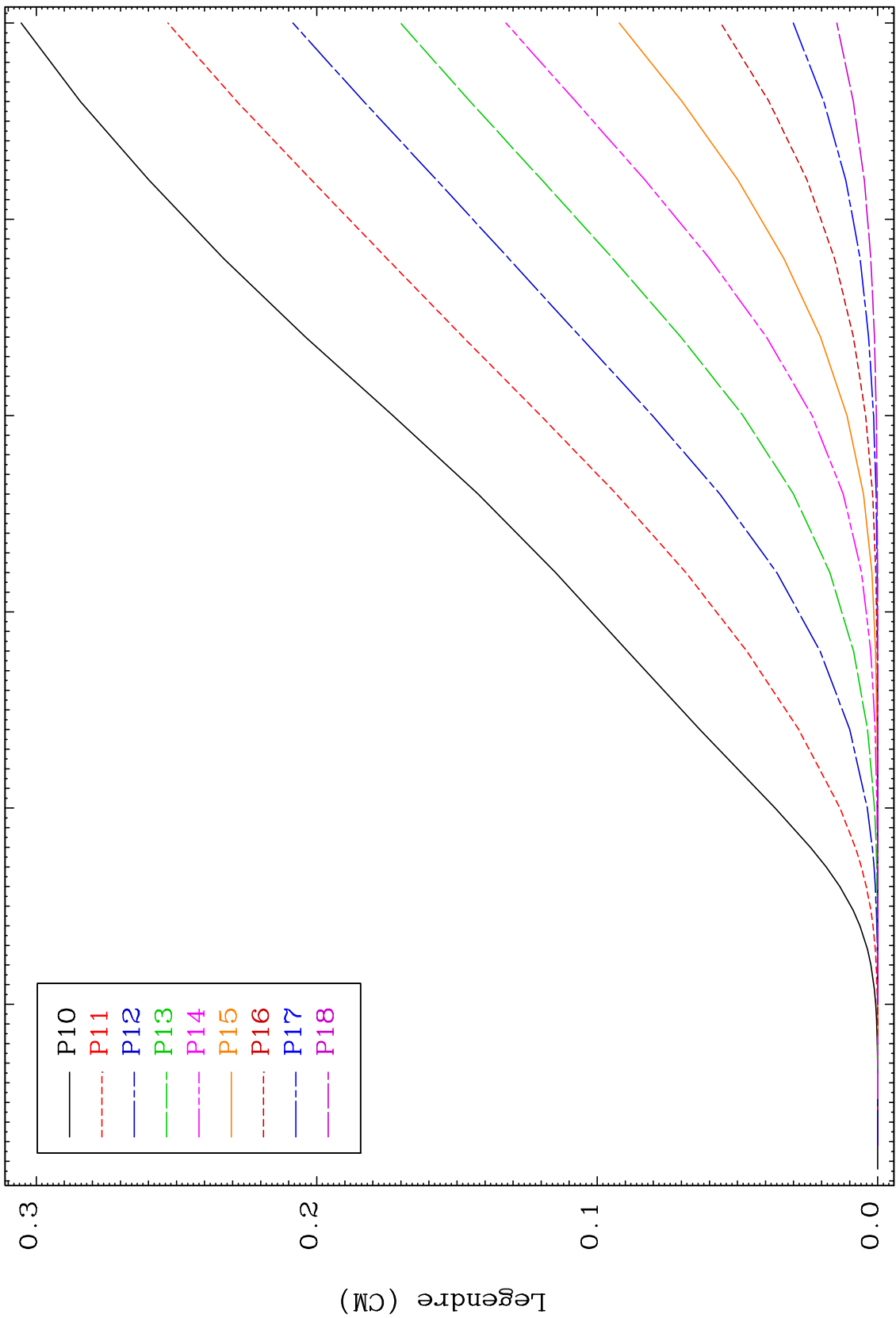
15



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Elastic Legendre Coefficients

56-Ba-117



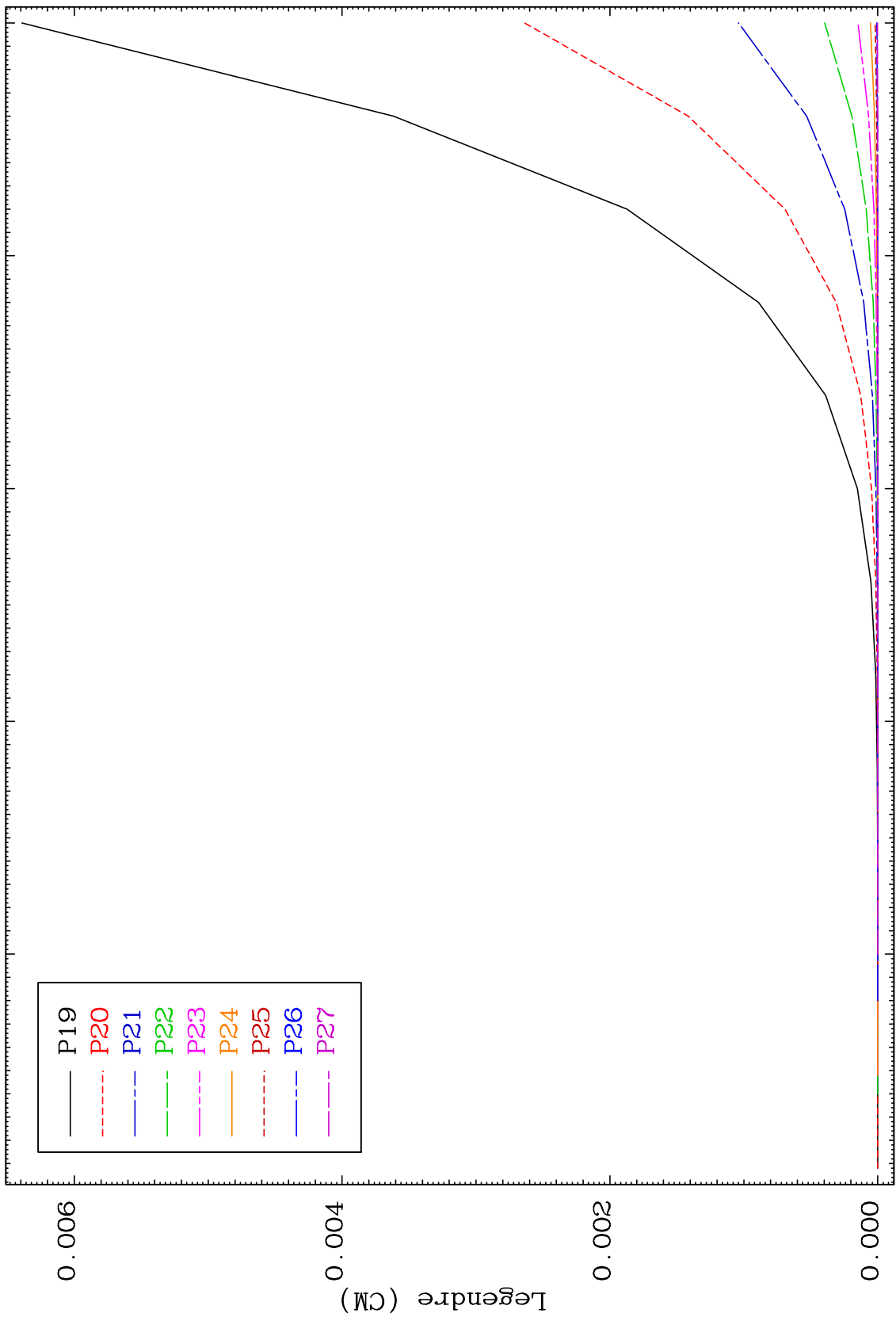
16

56-Ba-117

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### Elastic Legendre Coefficients

56-Ba-117



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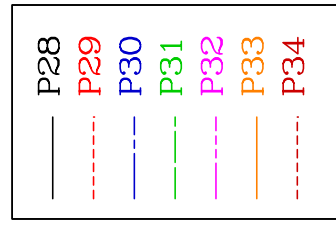
Incident Energy (MeV)

56-Ba-117

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Elastic  
Legendre Coefficients

56-Ba-117



$\times 10^{-7}$

Legendre (CM)

3

2

1

0

15

20

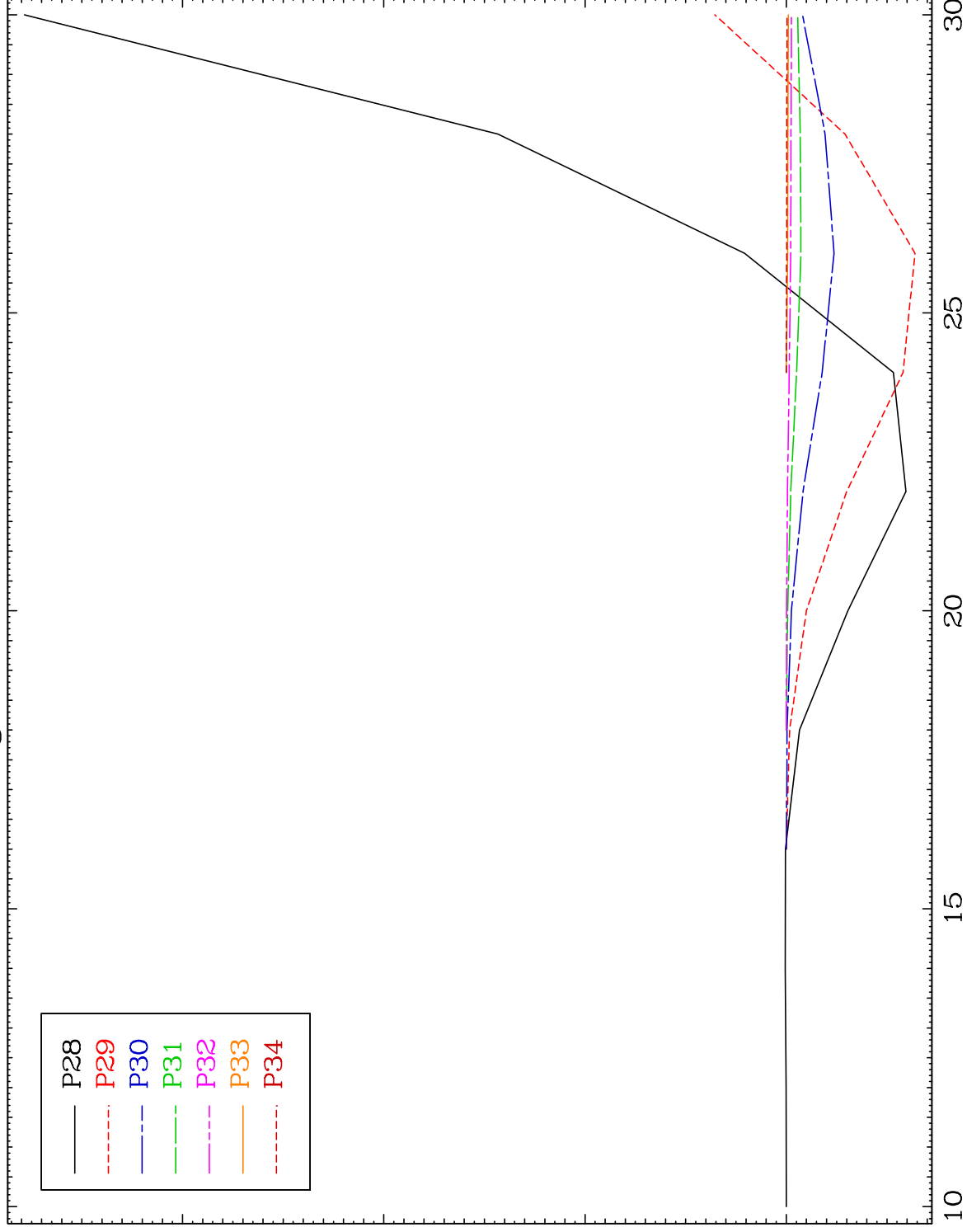
25

30

18

Incident Energy (MeV)

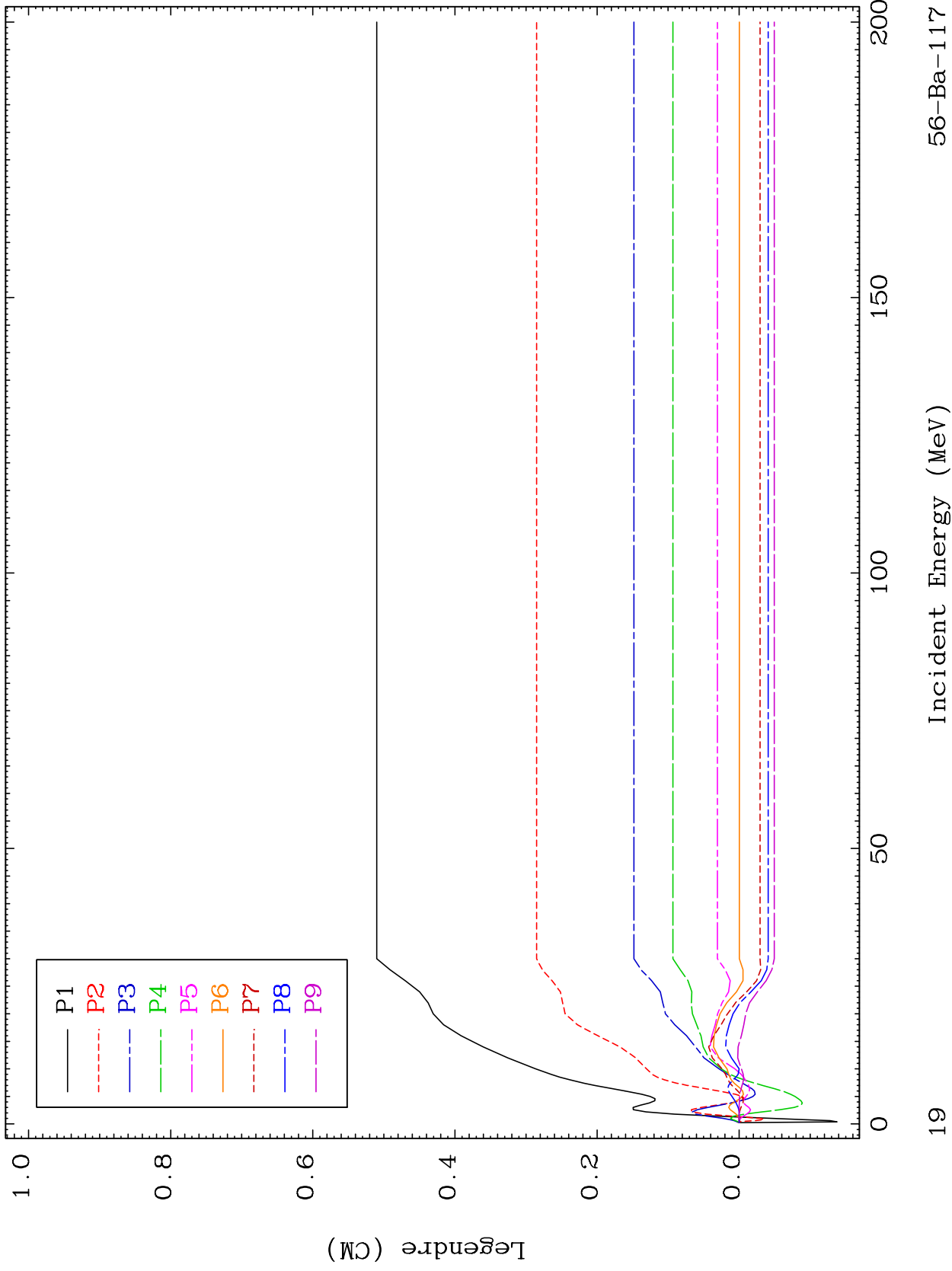
56-Ba-117



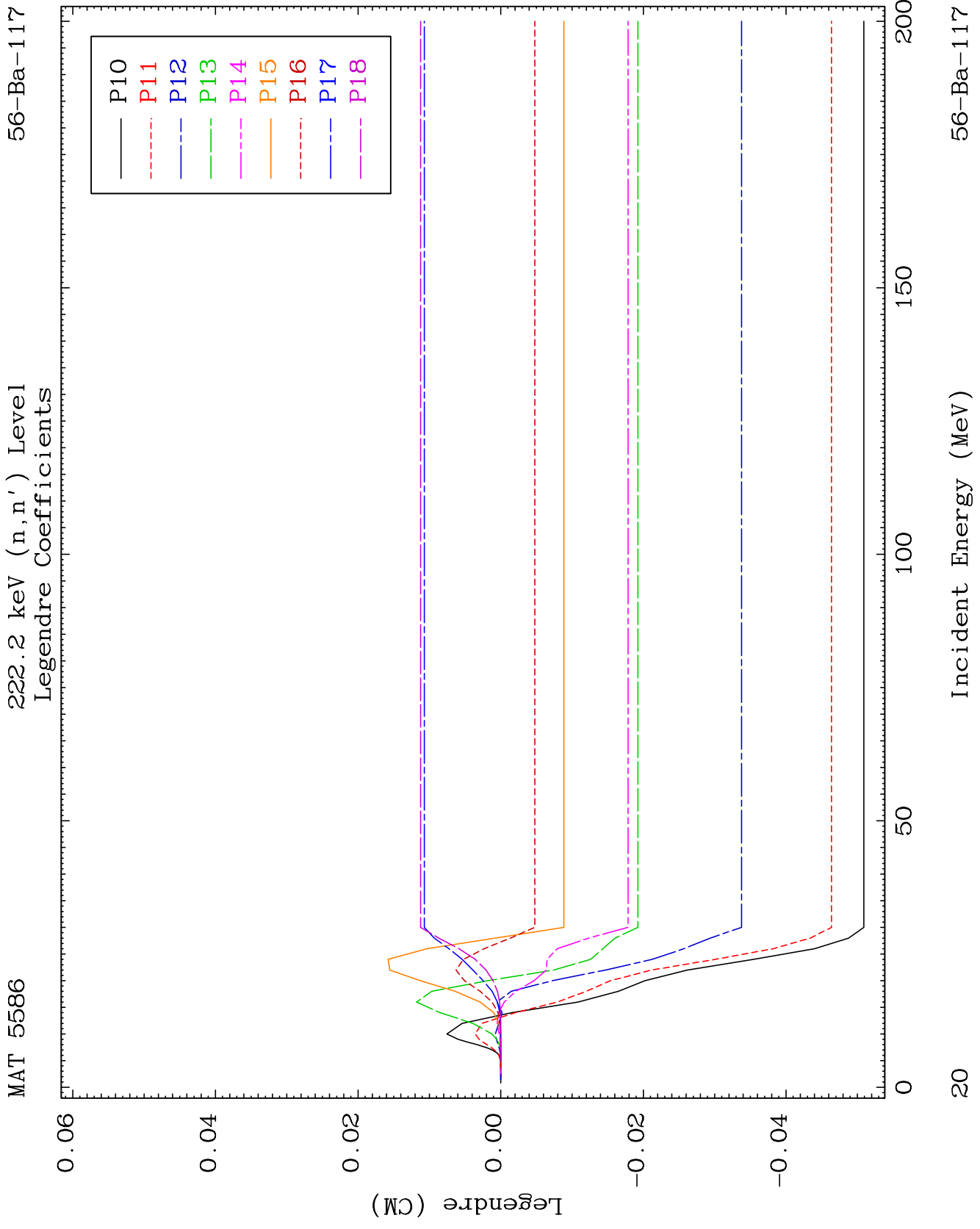
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222.2 keV (n,n') Level  
Legendre Coefficients

56-Ba-117



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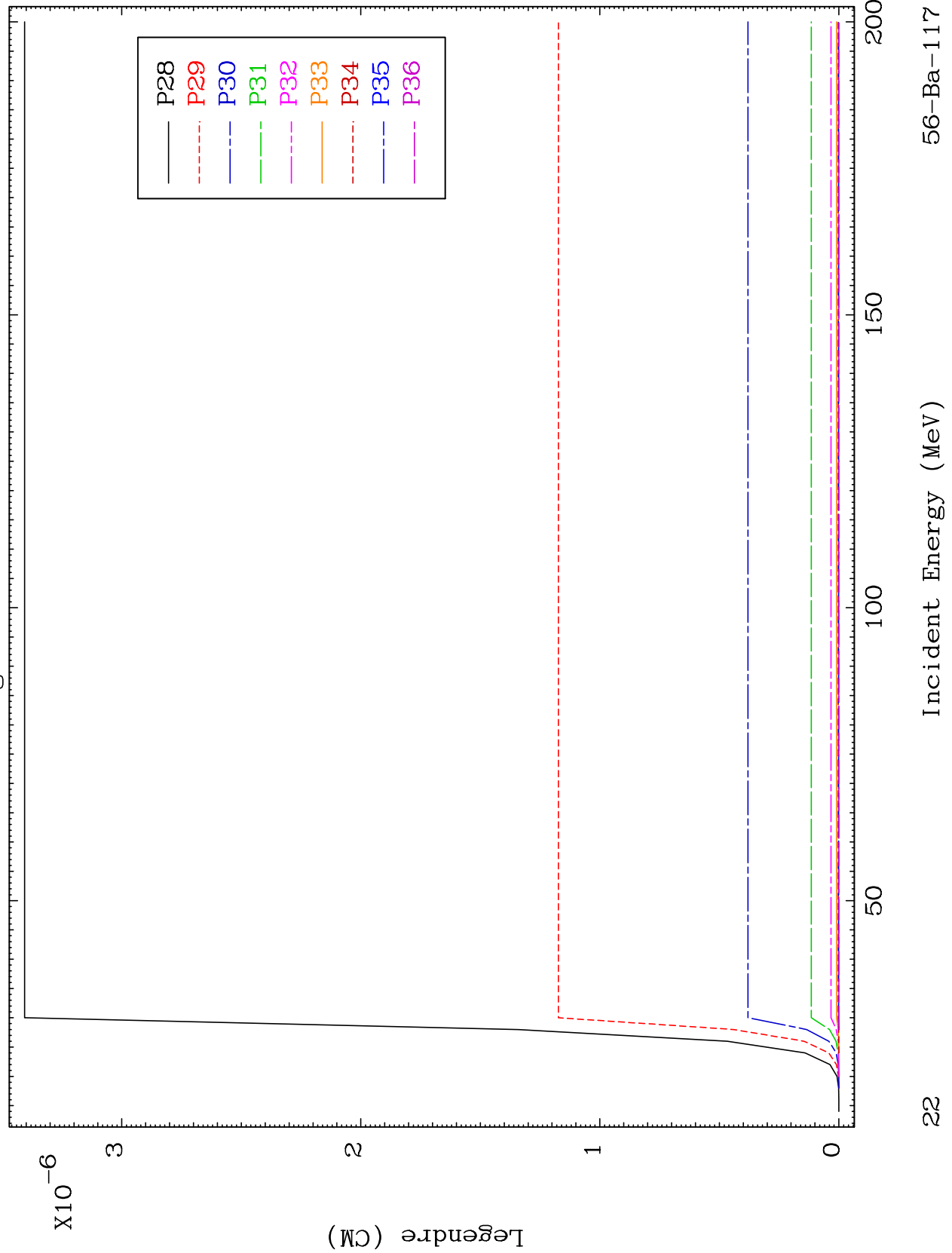




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222.2 keV (n,n') Level  
Legendre Coefficients

56-Ba-117

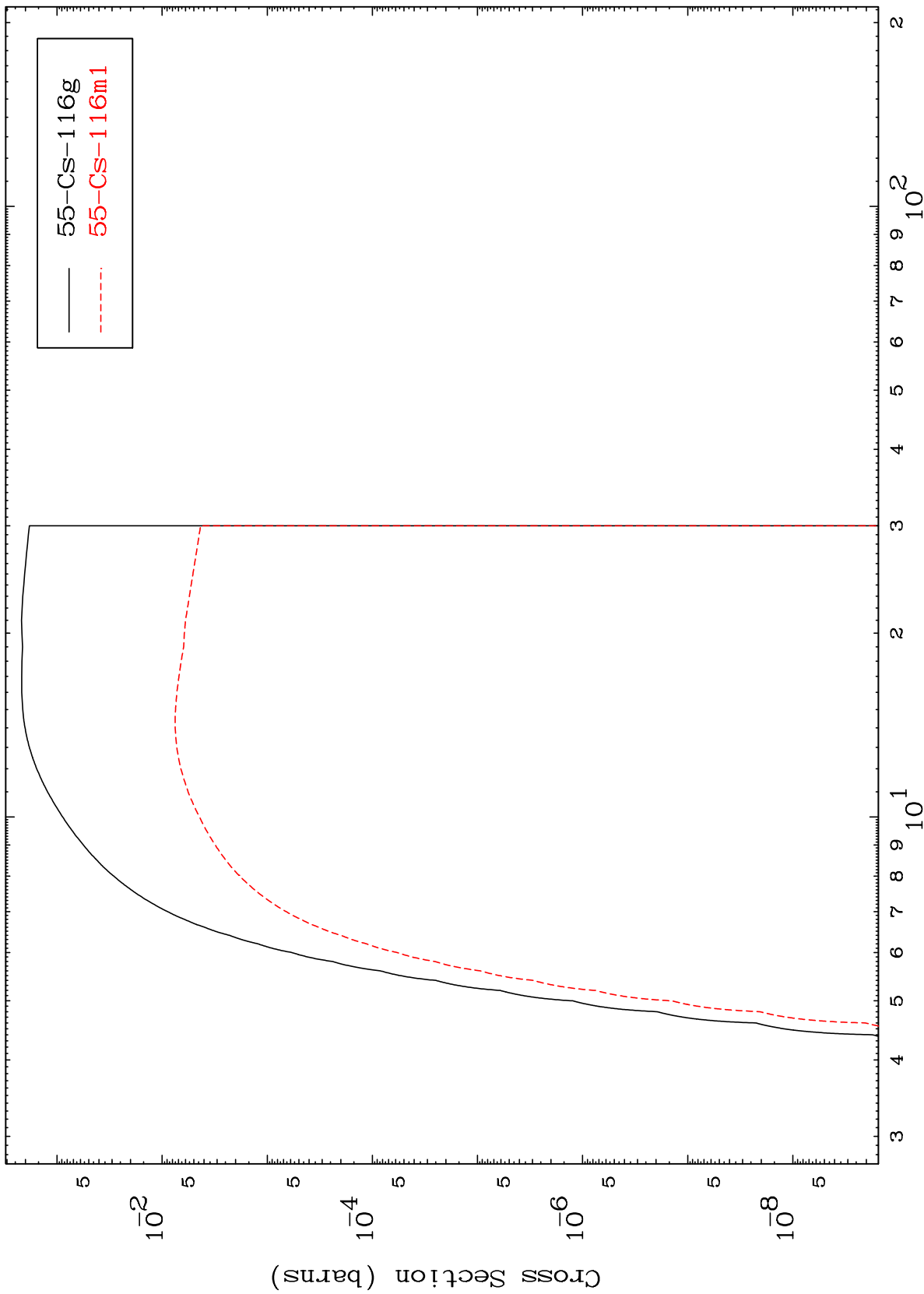


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(n,n') p

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Radionuclide Production Cross Section



23

Incident Energy (MeV)

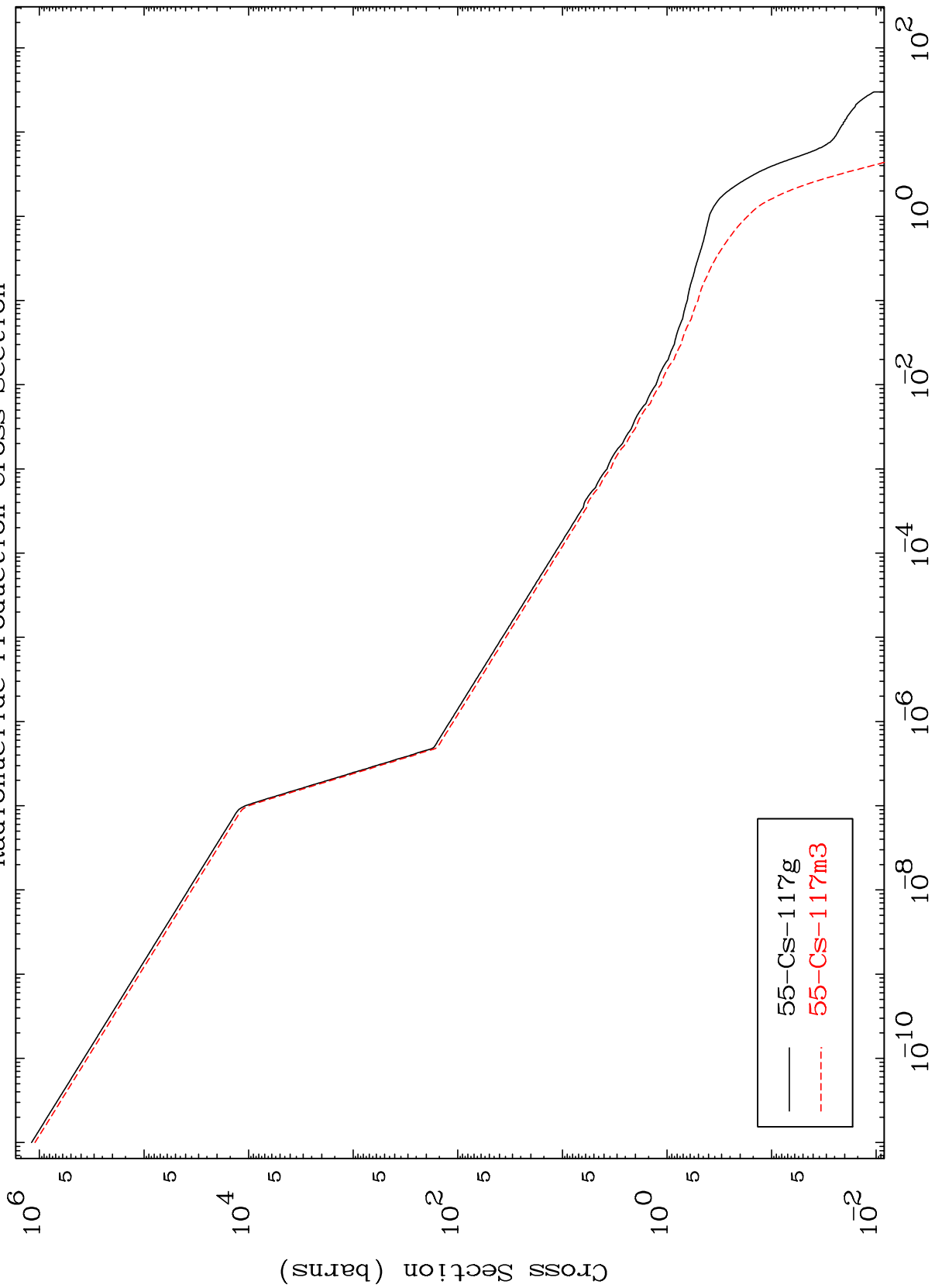
56-Ba-117



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56-Ba-117

(n,p)  
Radionuclide Production Cross Section



56-Ba-117

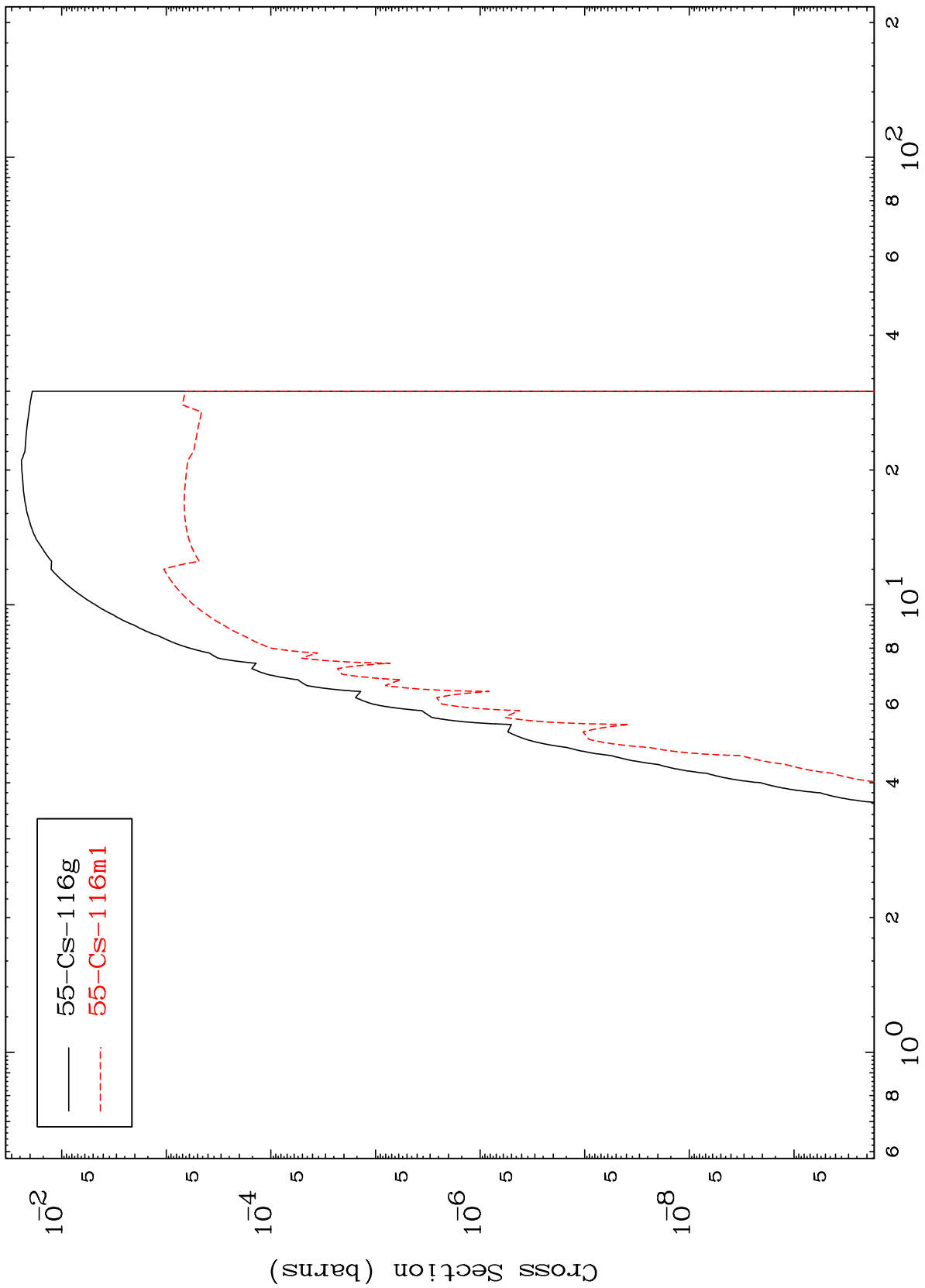
Incident Energy (MeV)

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56-Ba-117

(n,d)  
Radionuclide Production Cross Section



25

56-Ba-117

Incident Energy (MeV)