

Program EVALPLOT  
(Version 2018-1)

by

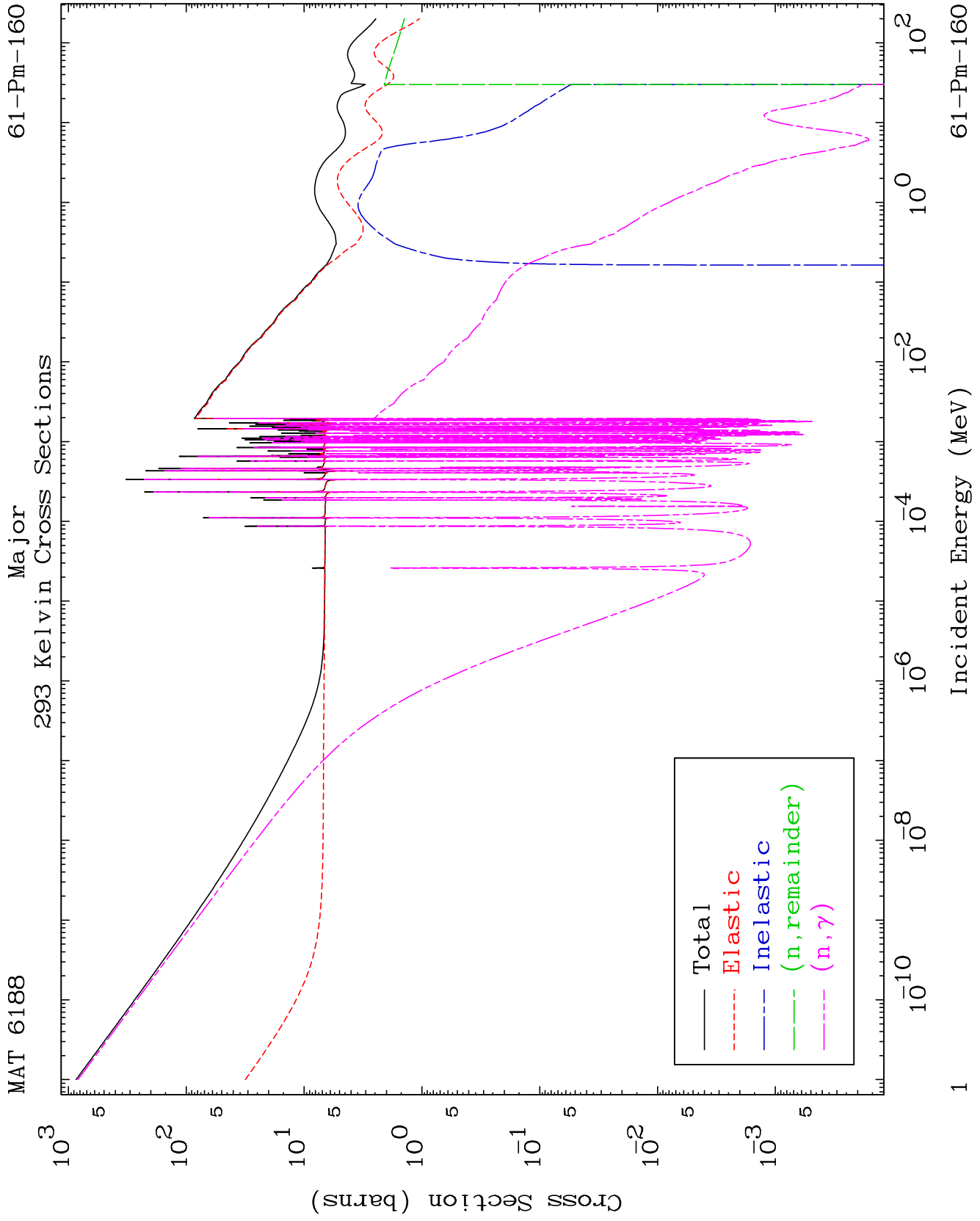
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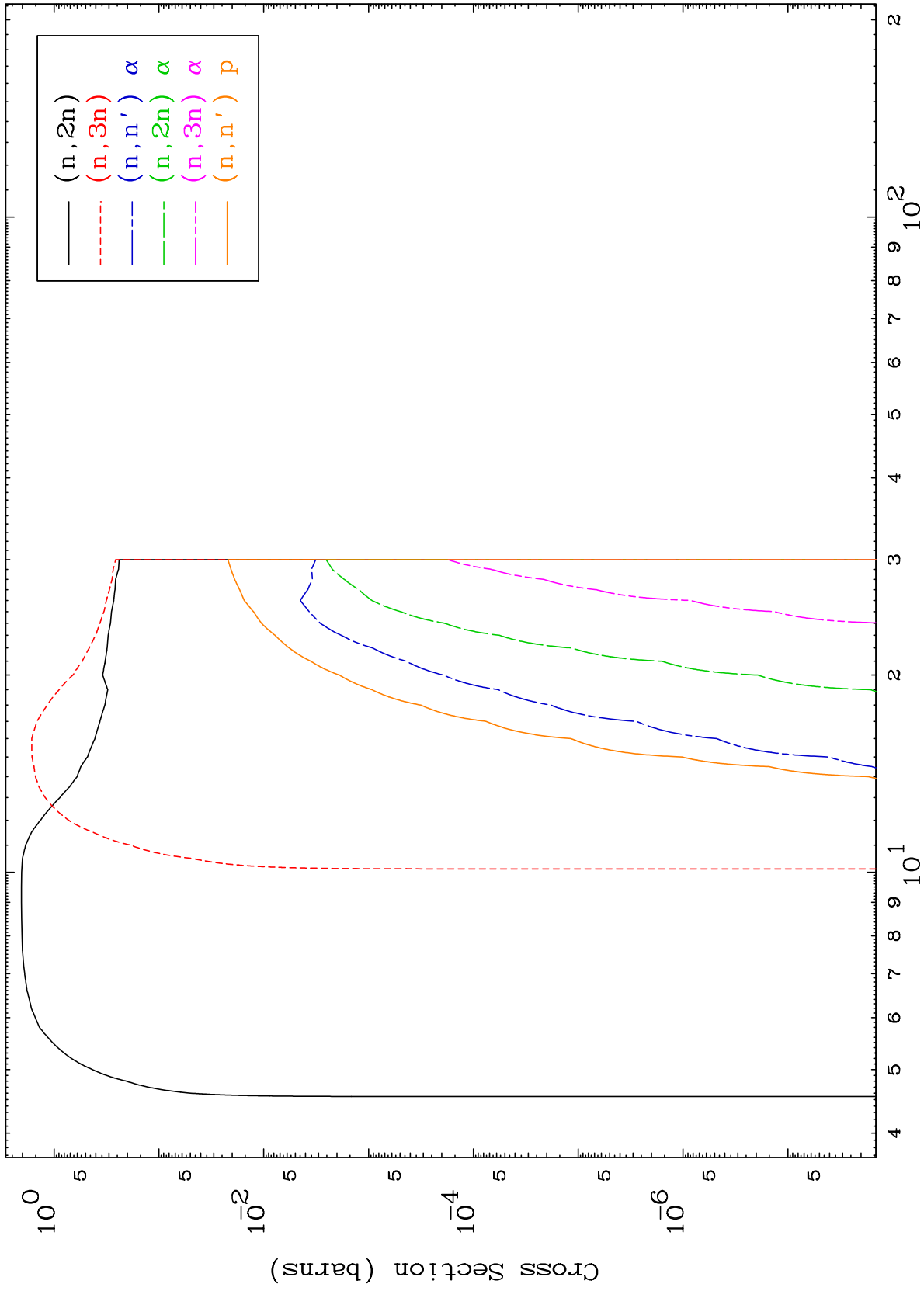
Press Mouse Button to Start



MAT 6188

Neutron Production  
293 Kelvin Cross Sections

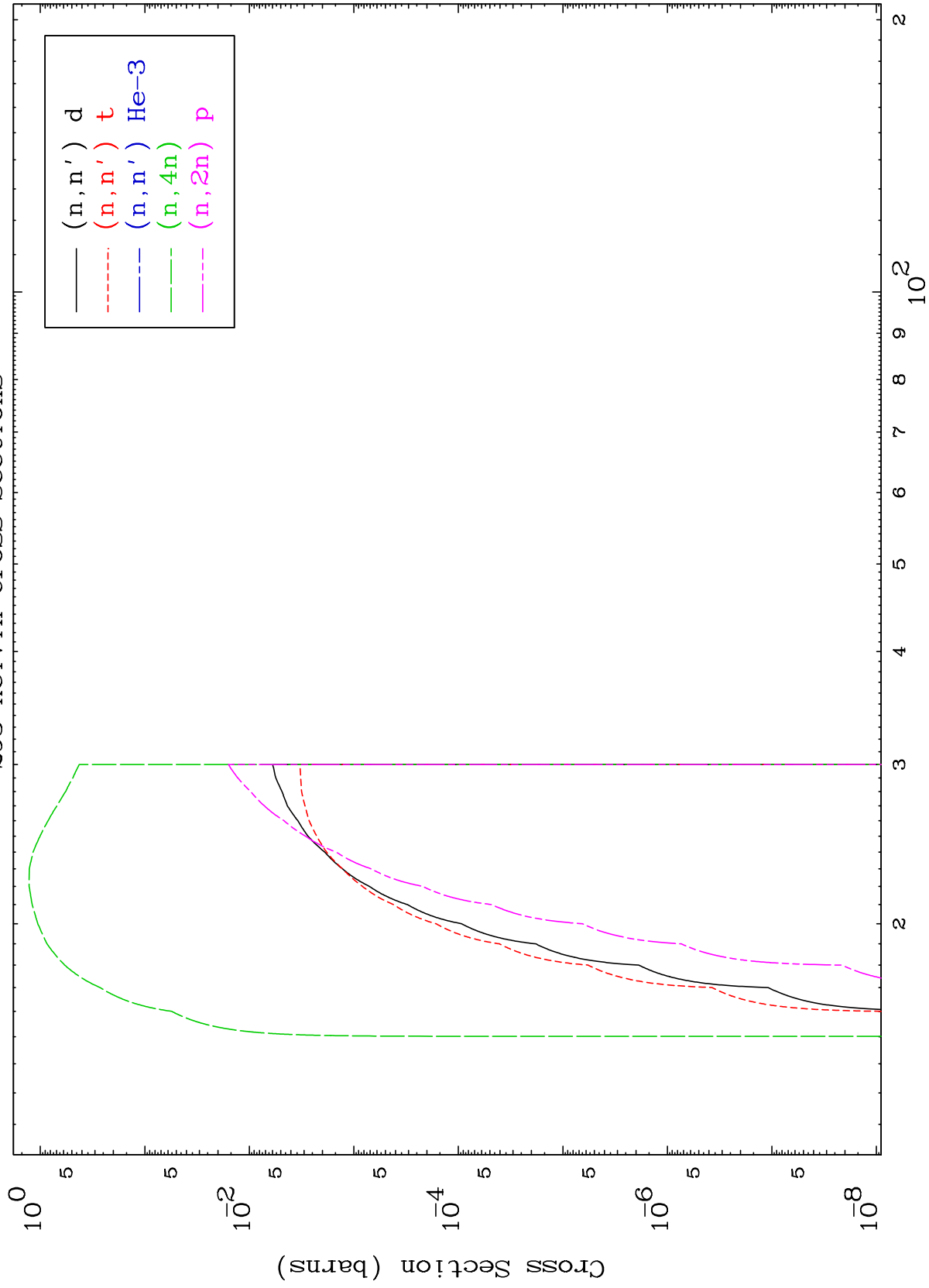
61-Pm-160

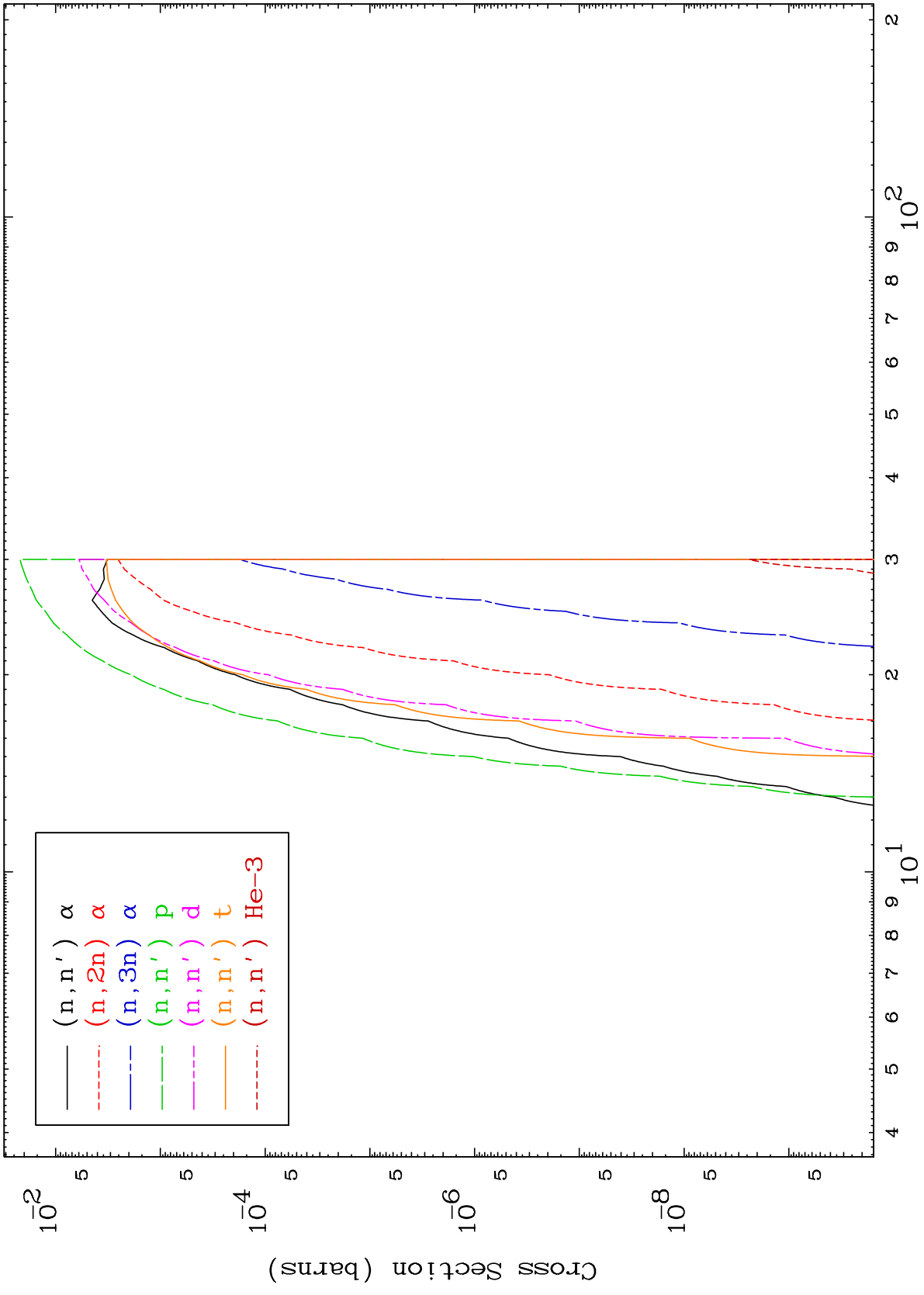


2

Incident Energy (MeV)

61-Pm-160

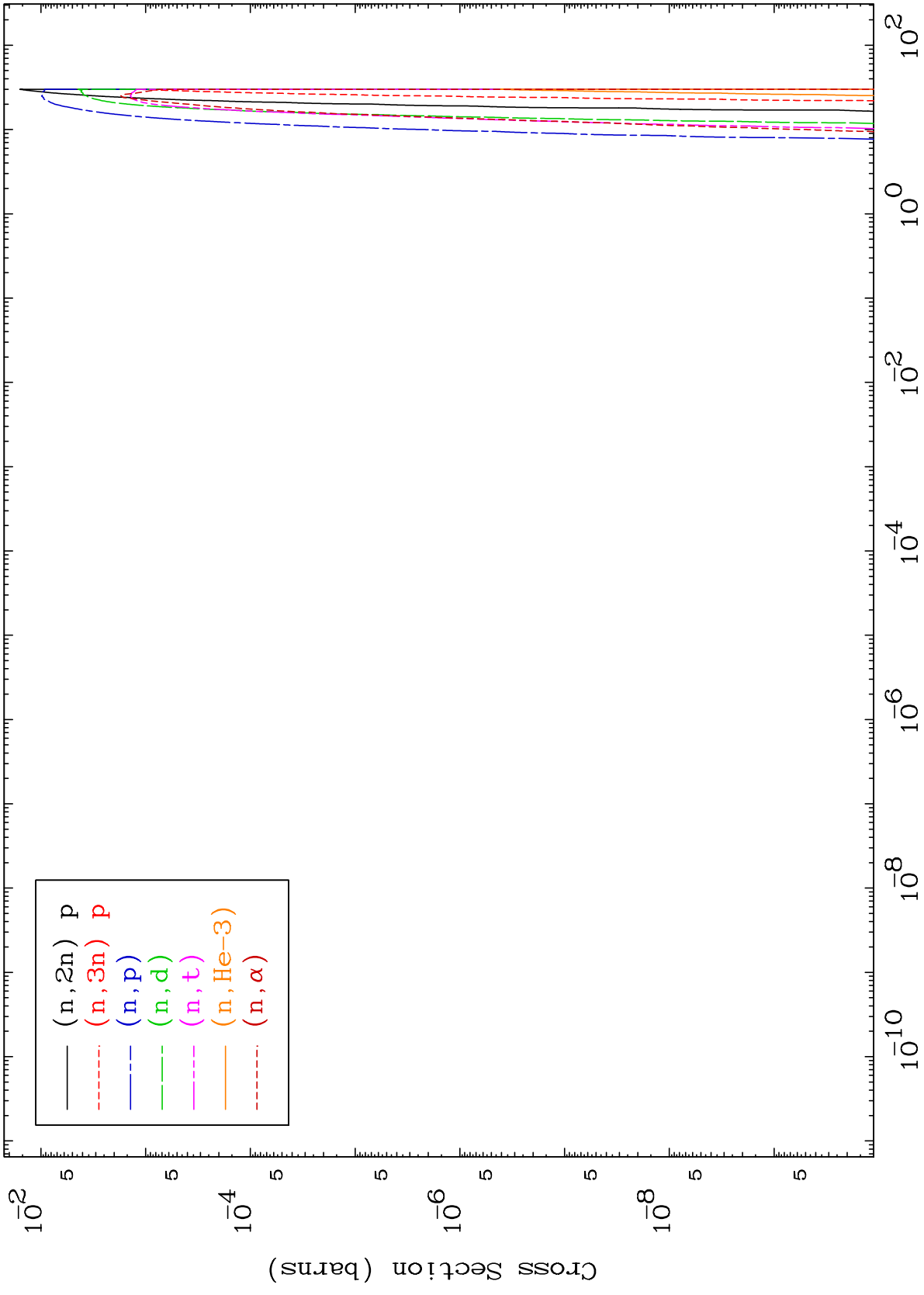




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Charged Particle  
293 Kelvin Cross Sections

61-Pm-160



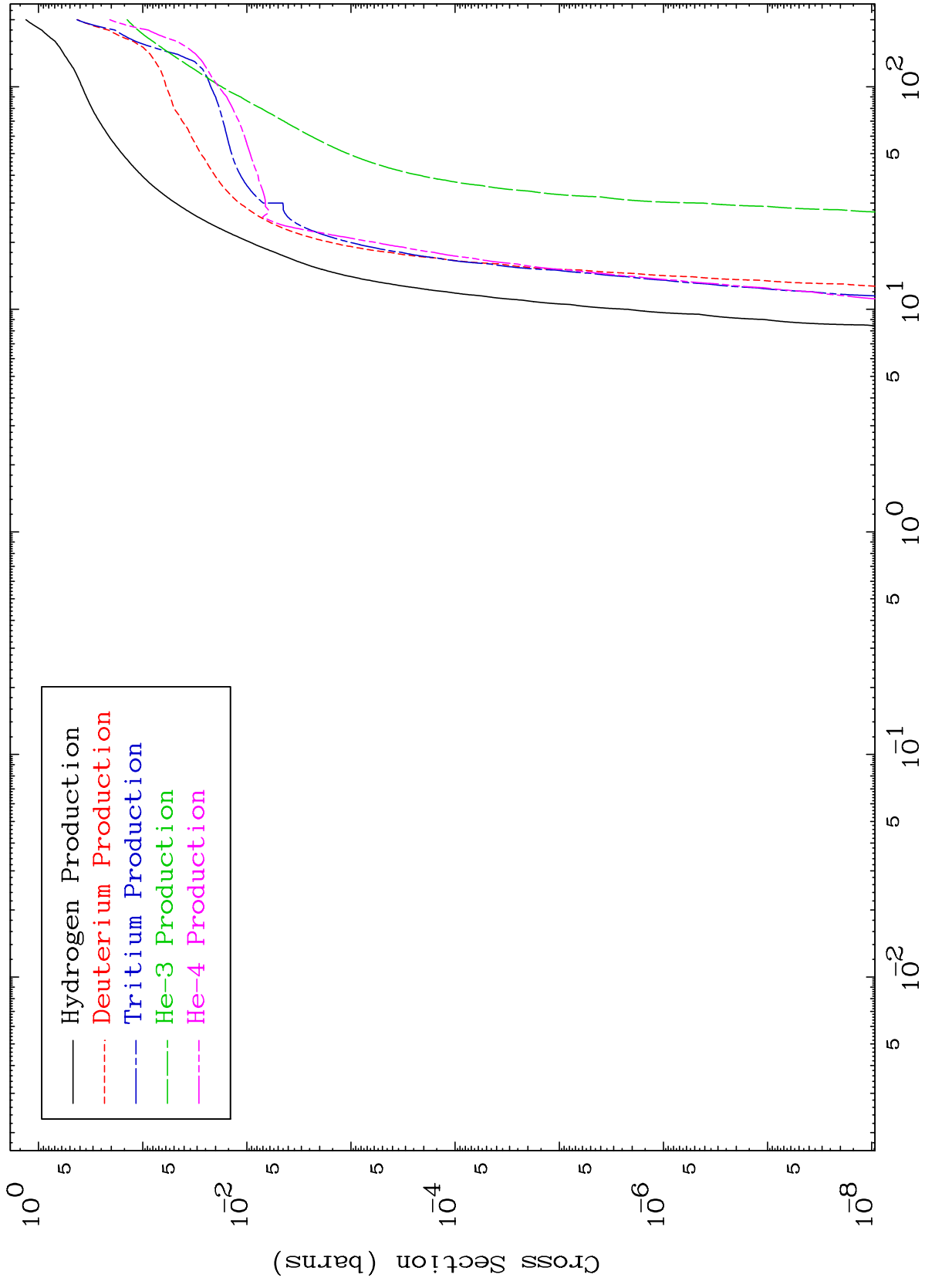
5

61-Pm-160

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Particle Production  
293 Kelvin Cross Sections

61-Pm-160



6

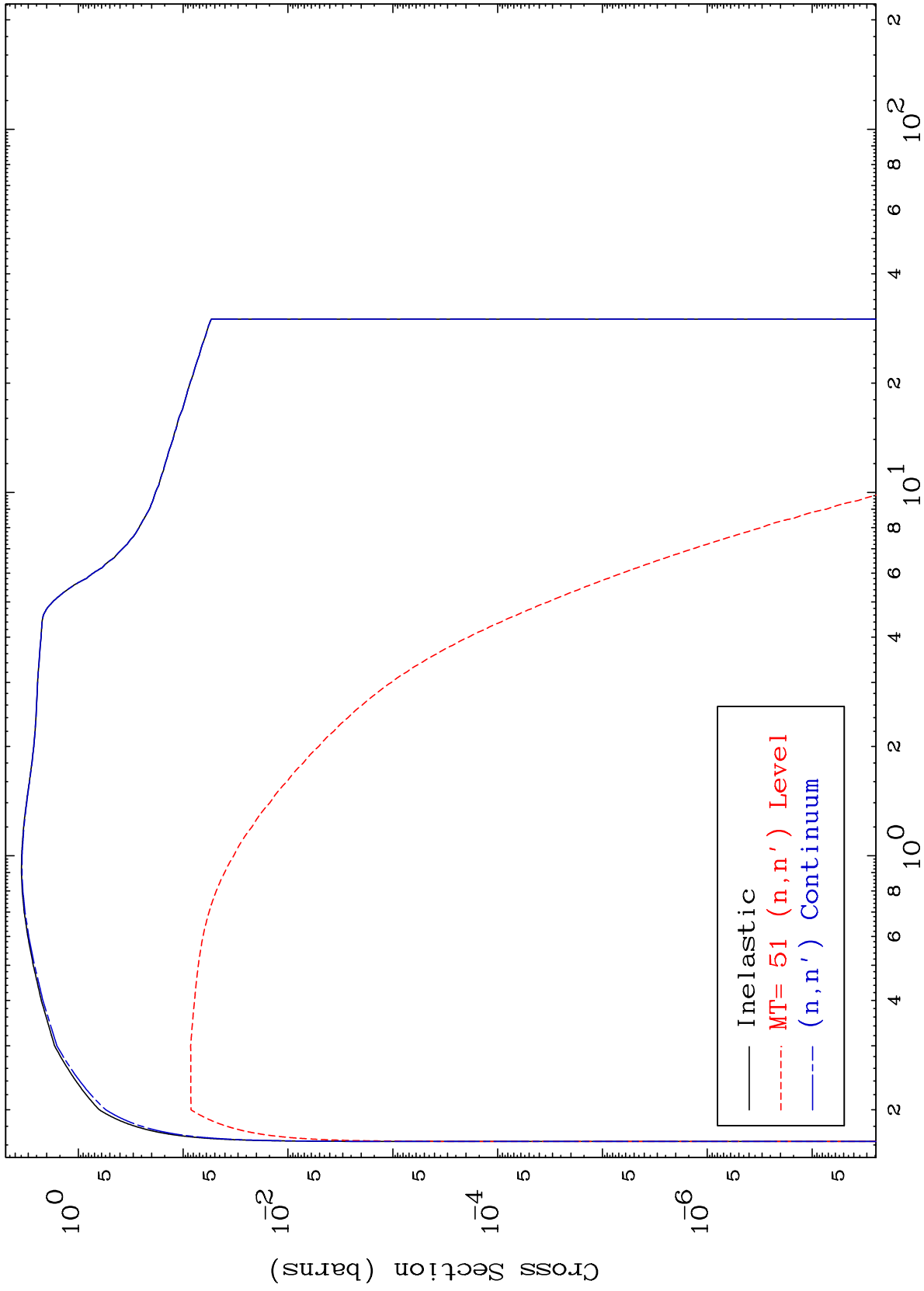
Incident Energy (MeV)

61-Pm-160

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61-Pm-160

(n,n') Level  
293 Kelvin Cross Sections

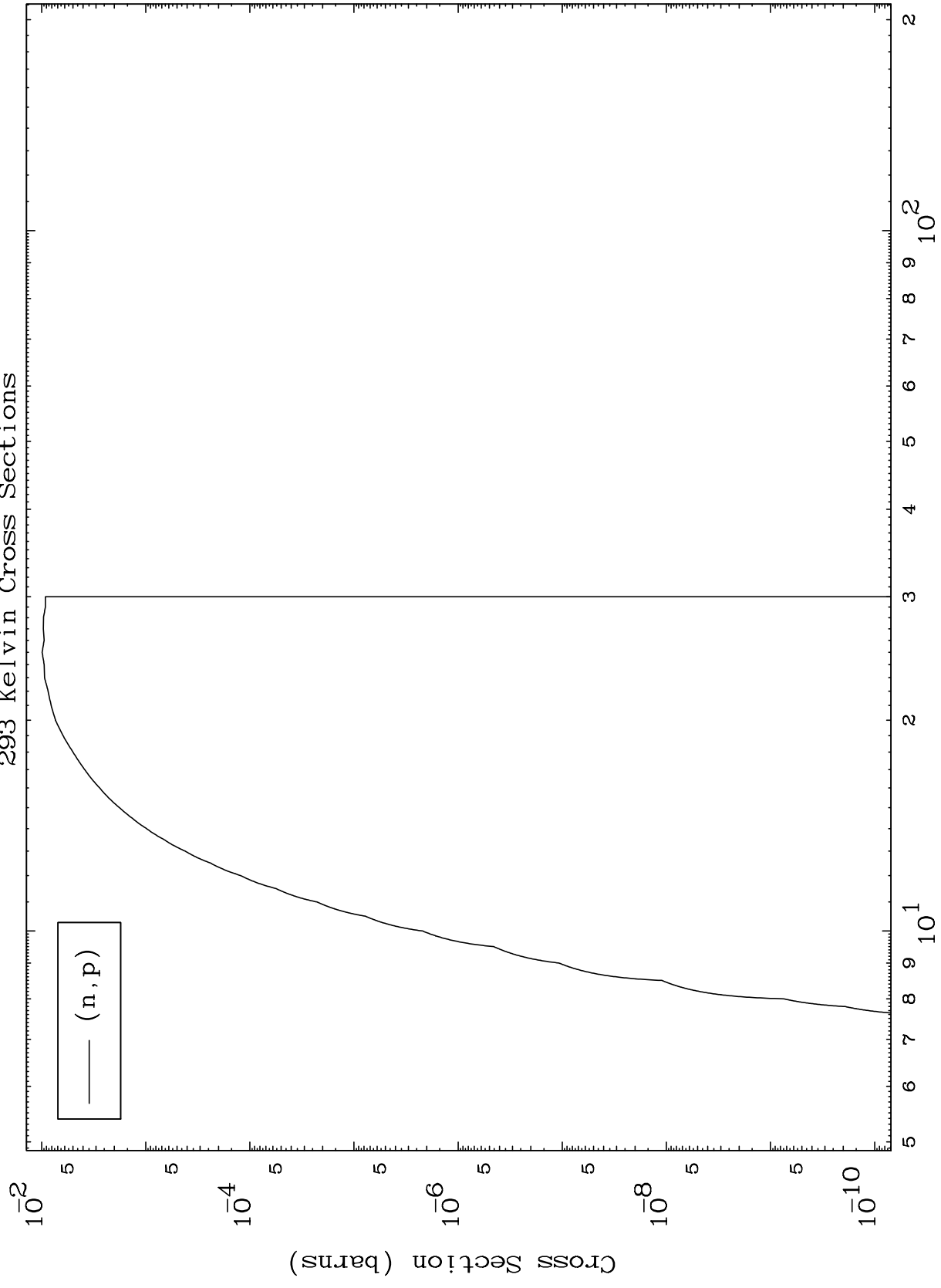




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(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-160



8

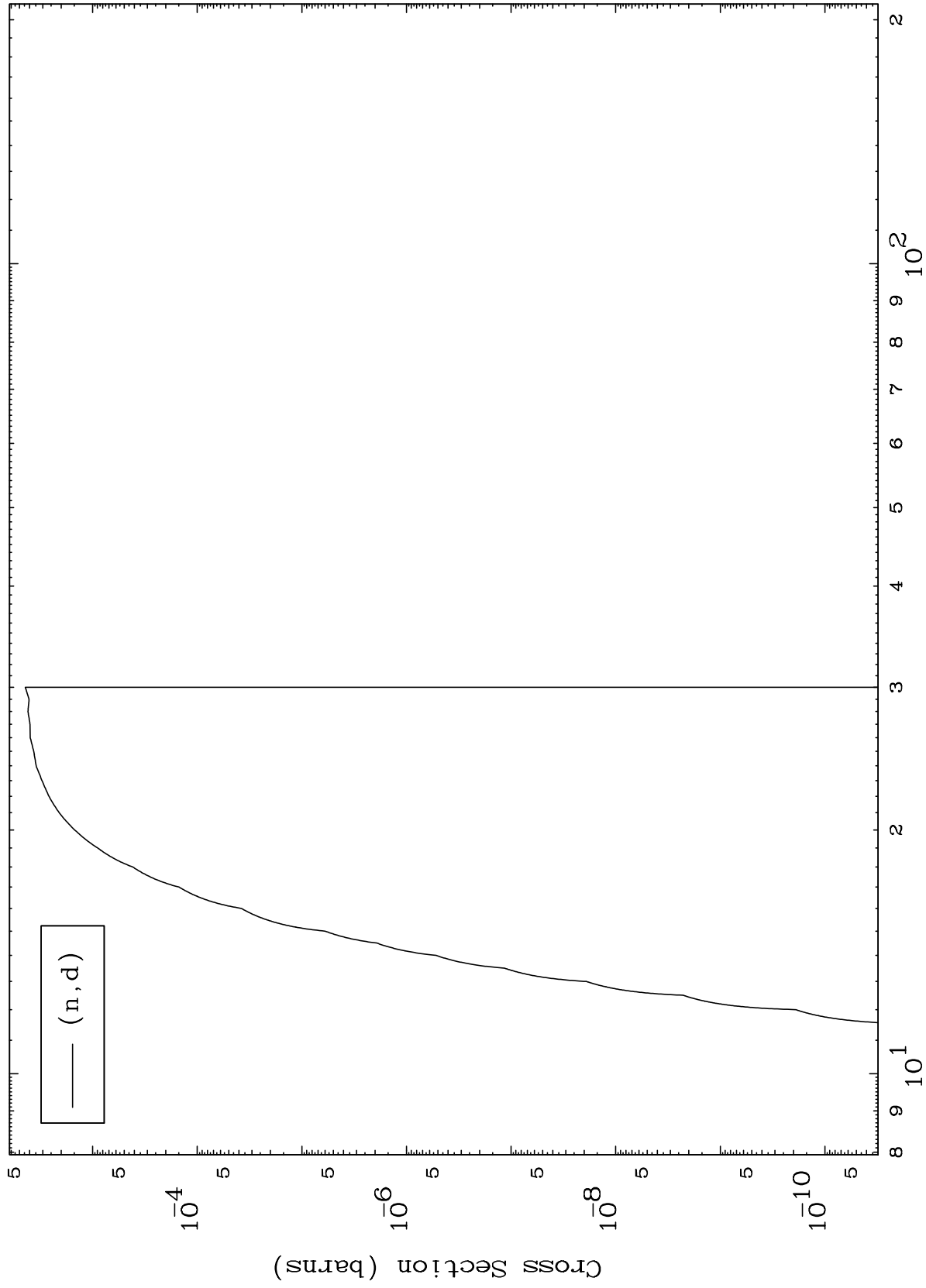
Incident Energy (MeV)

61-Pm-160

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(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-160



9

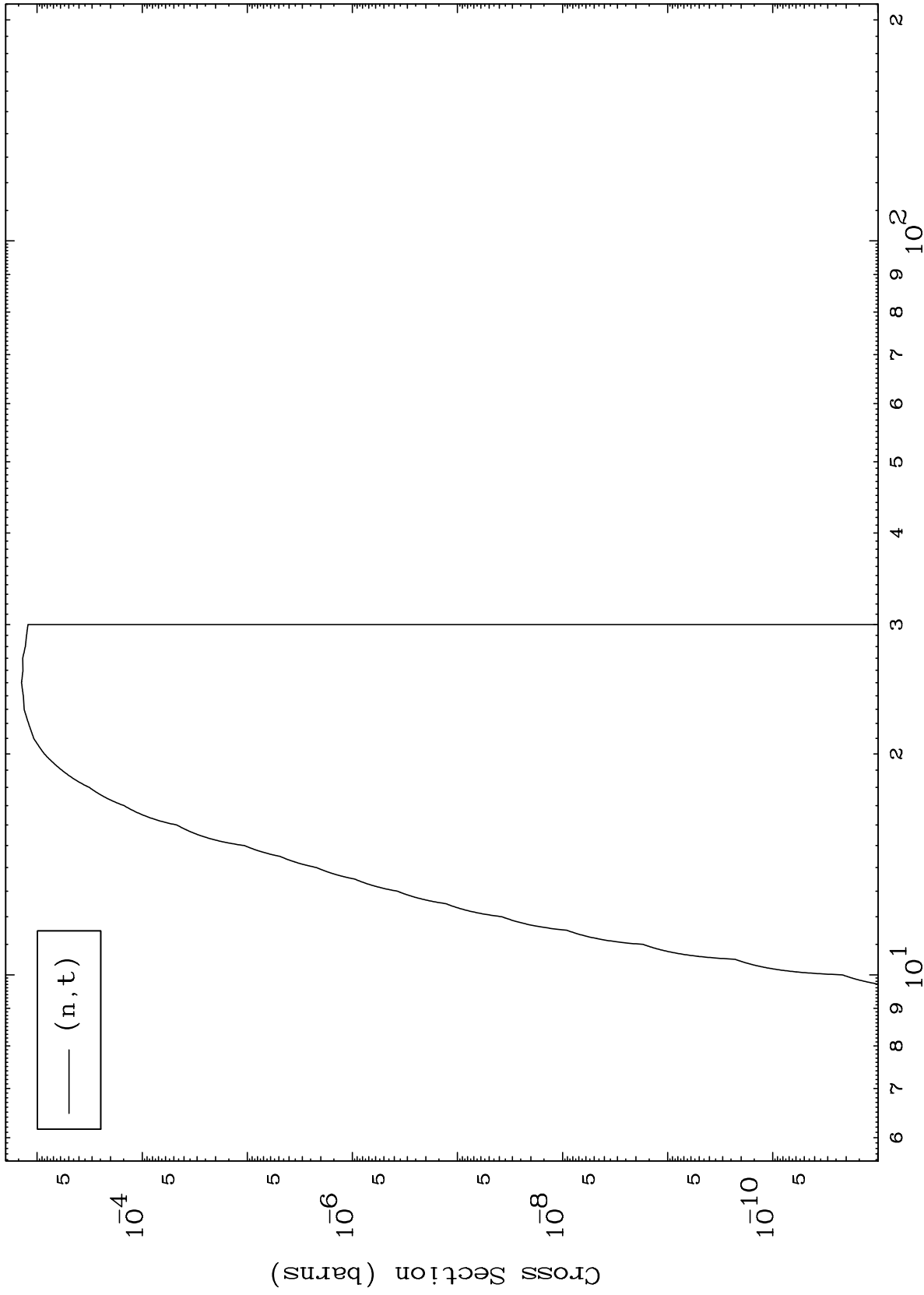
Incident Energy (MeV)

61-Pm-160

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(n,t) Levels  
293 Kelvin Cross Sections

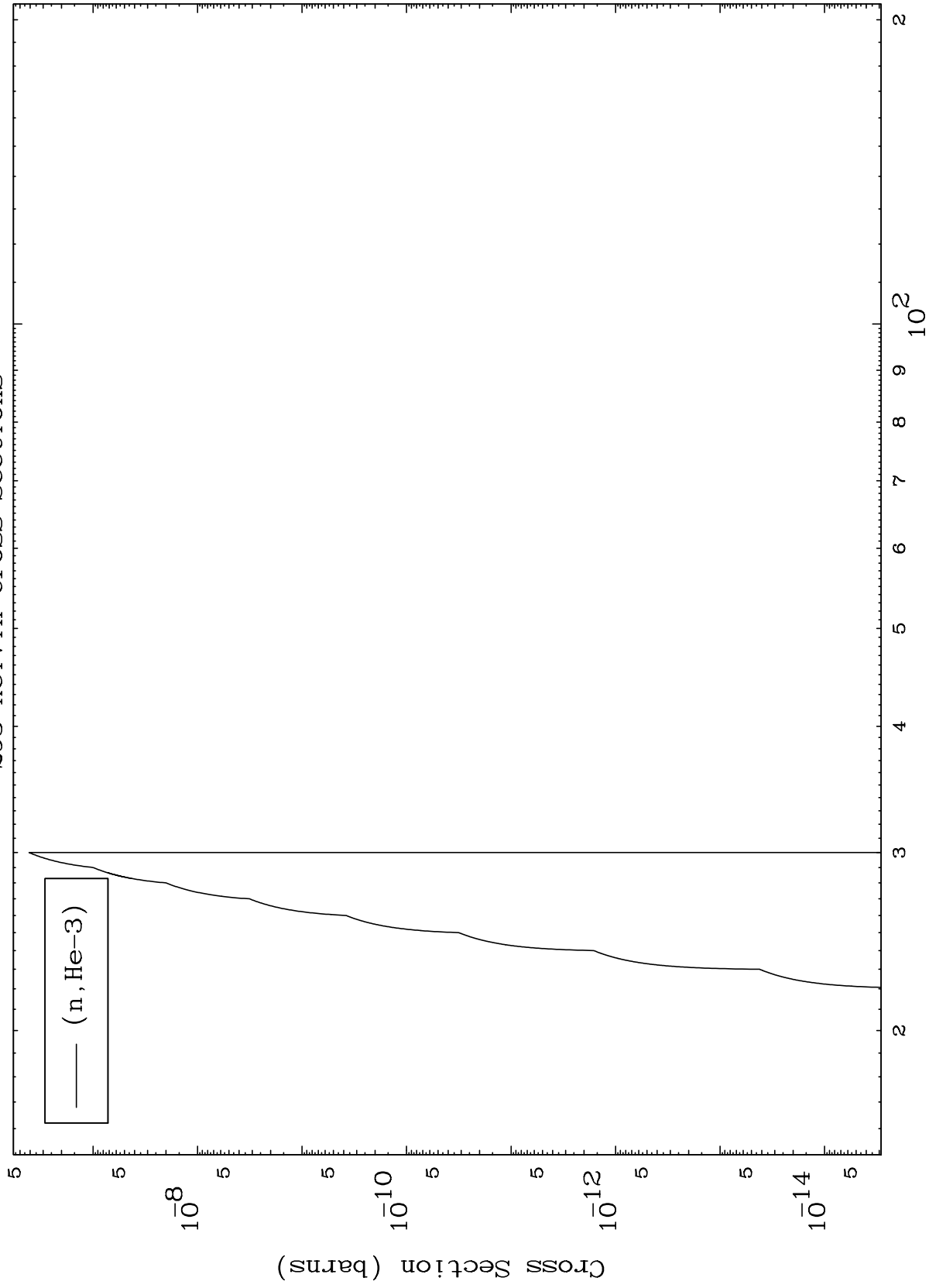
61-Pm-160



10

Incident Energy (MeV)

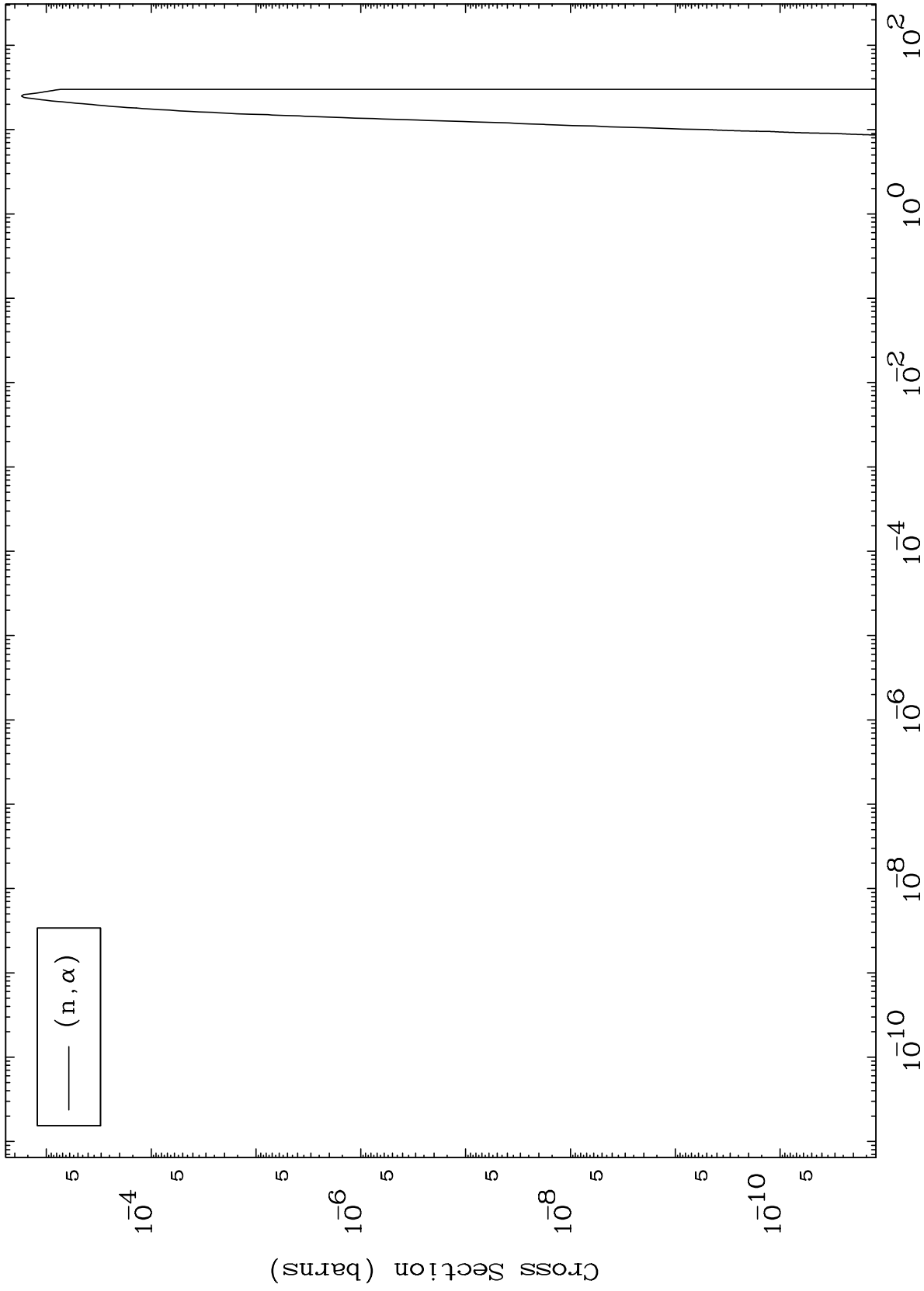
61-Pm-160

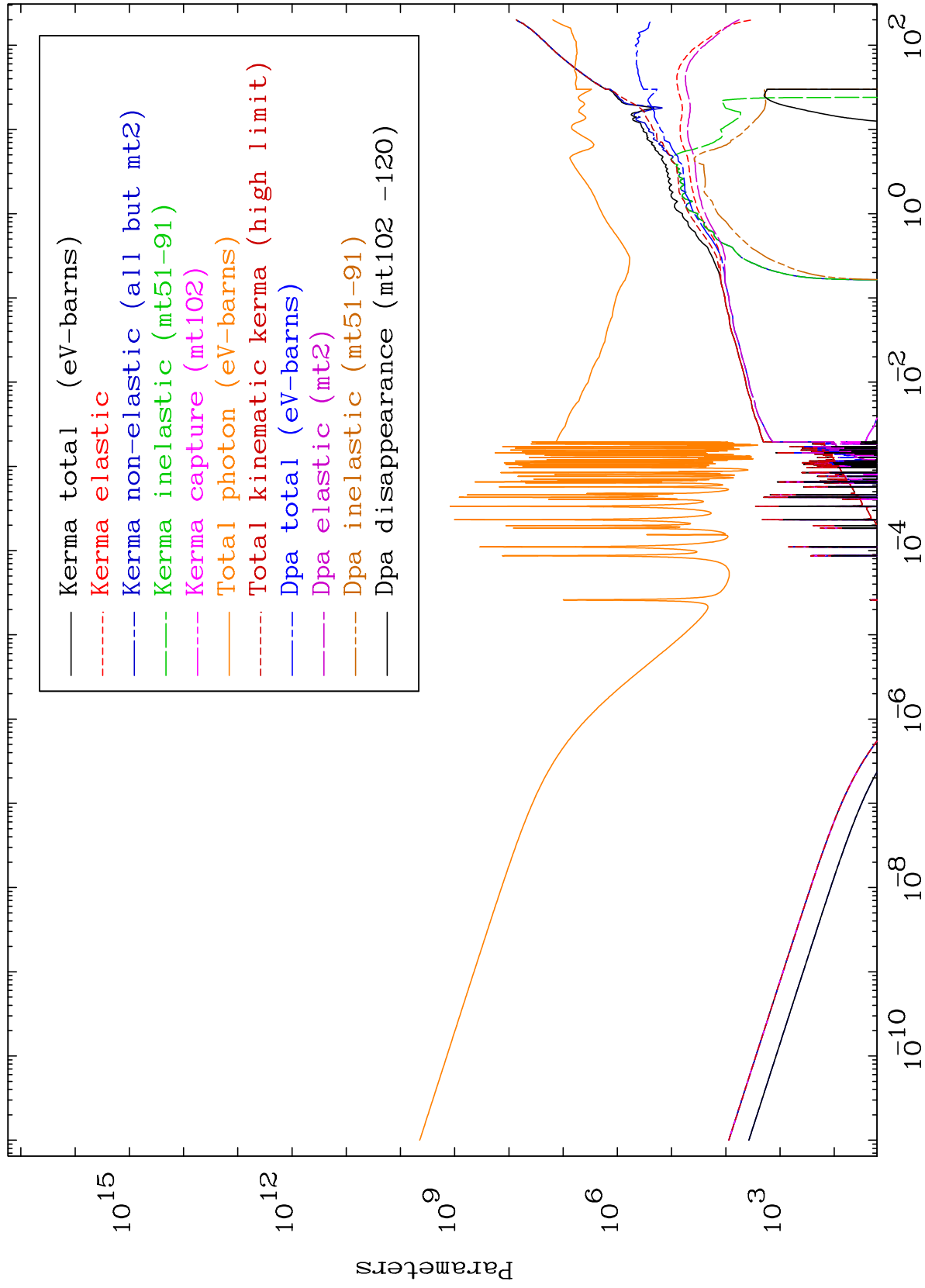


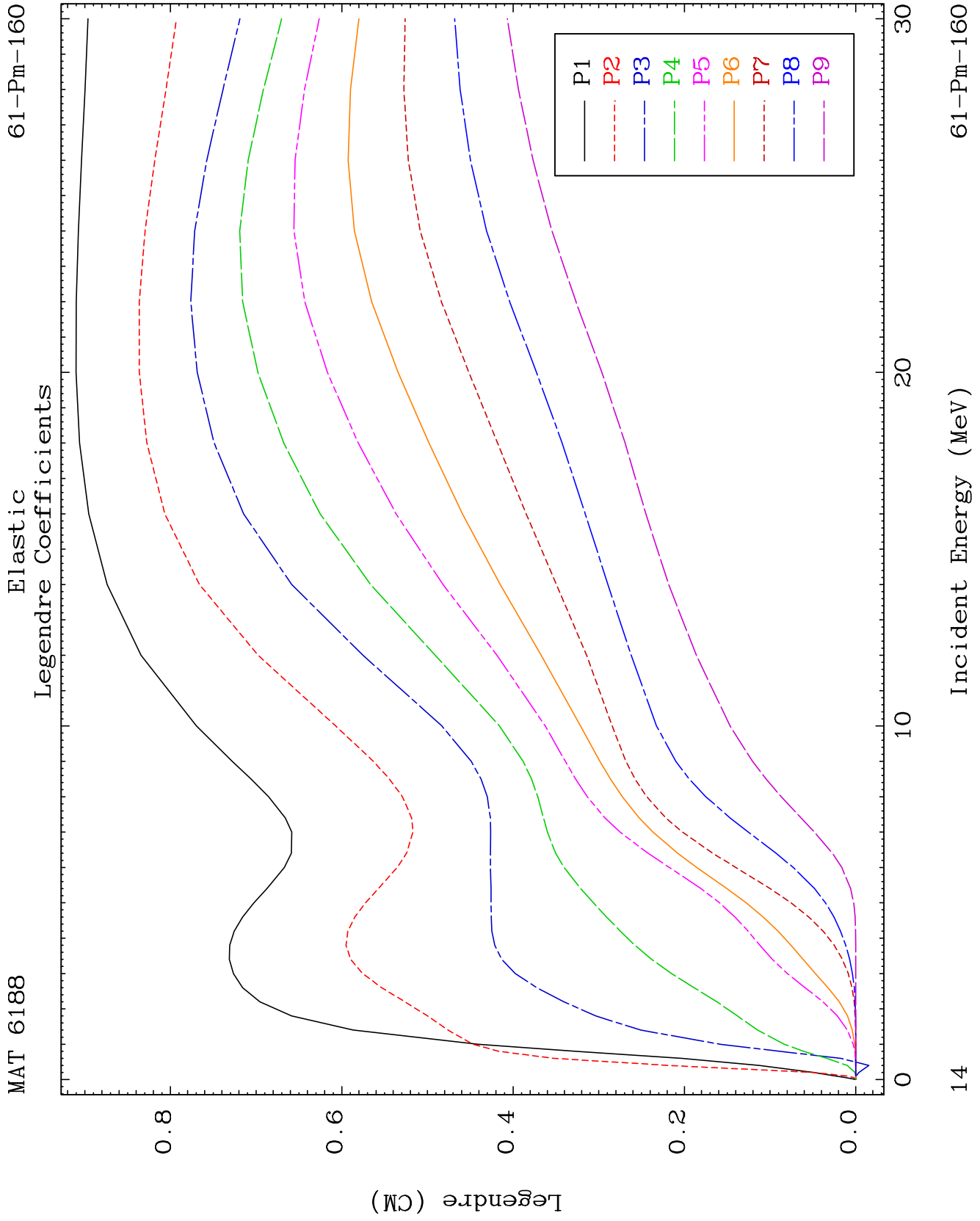
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(n,α) Levels  
293 Kelvin Cross Sections

61-Pm-160



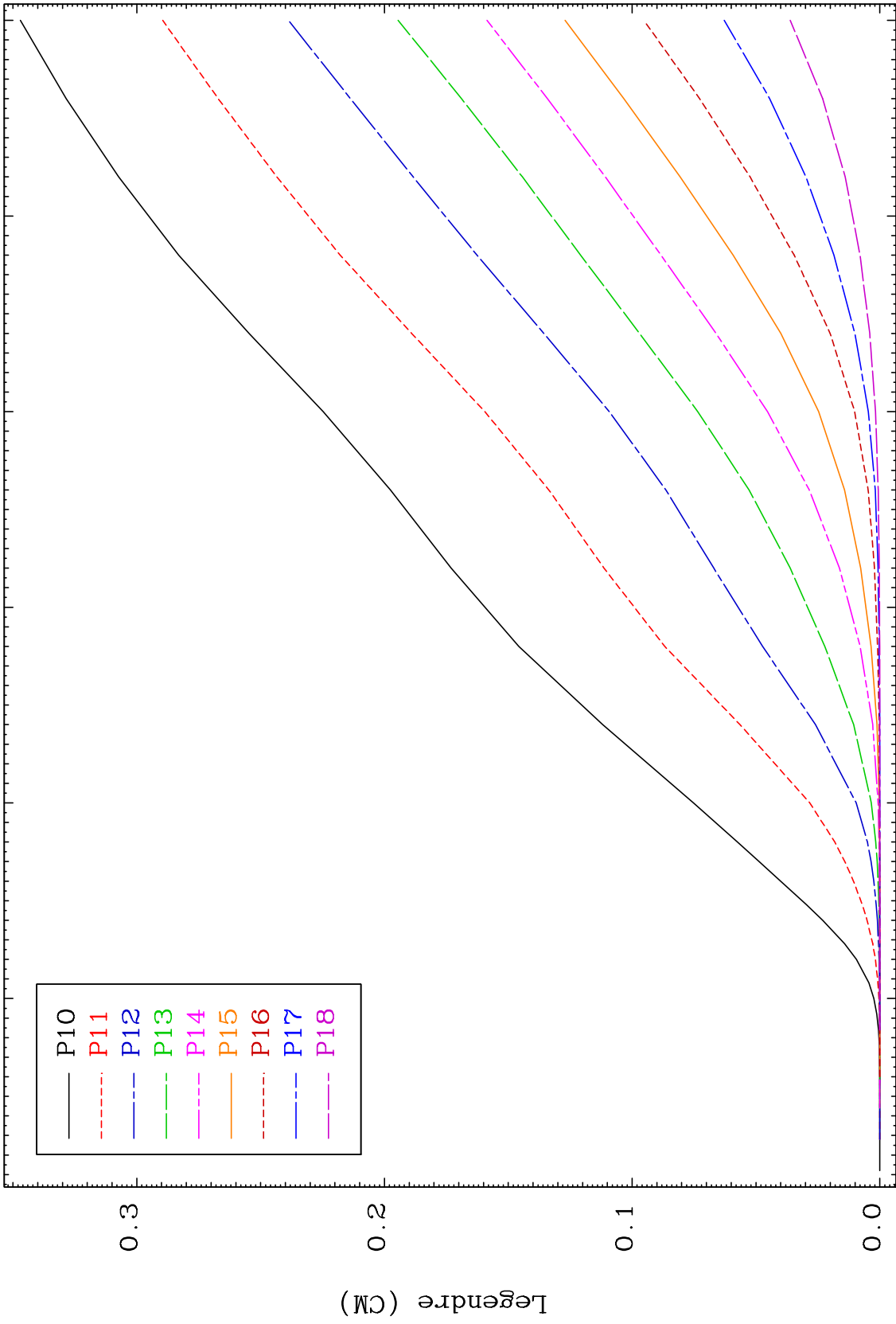




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Elastic Legendre Coefficients

61-Pm-160



15

Incident Energy (MeV)

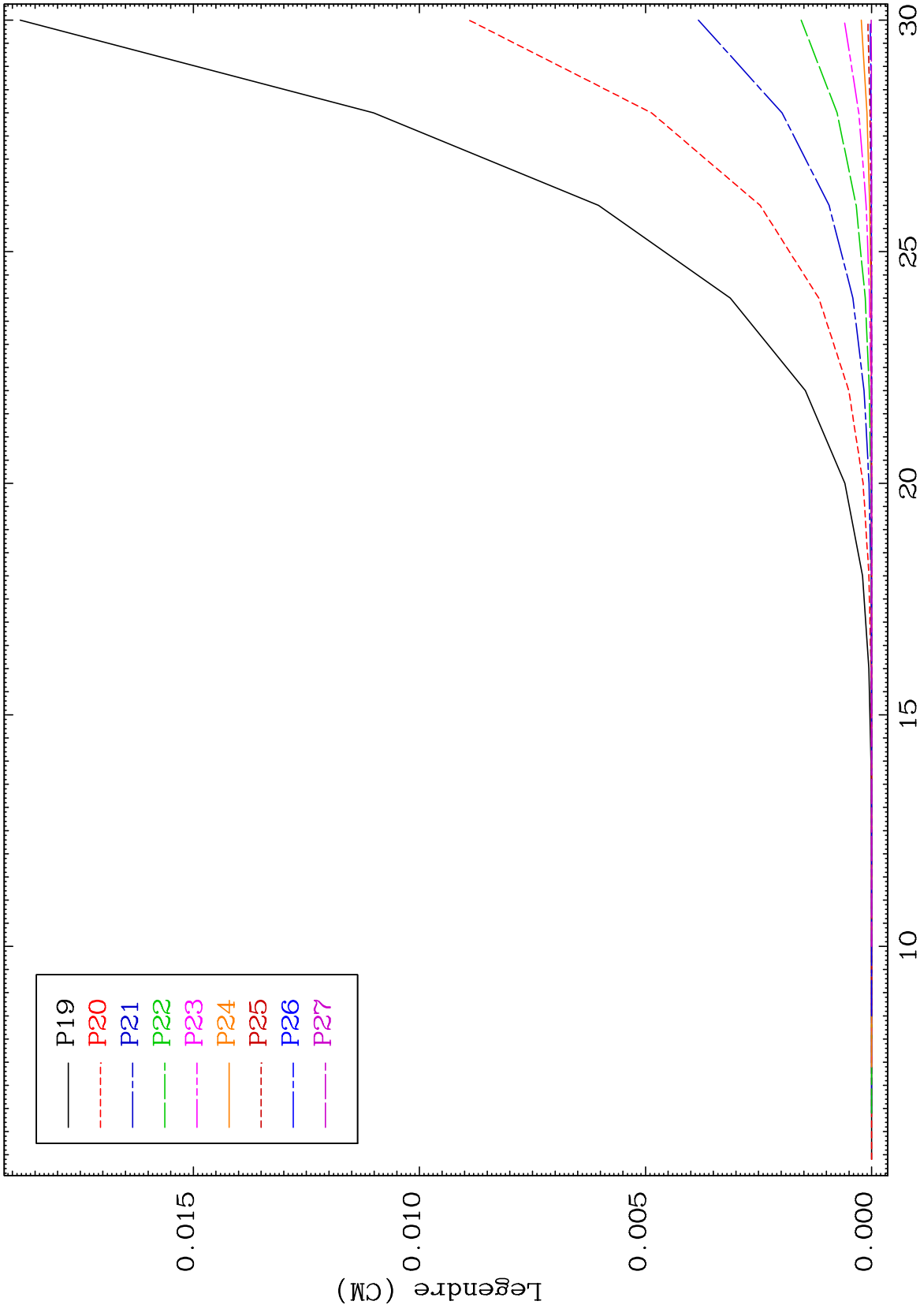
61-Pm-160



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Elastic Legendre Coefficients

61-Pm-160



16

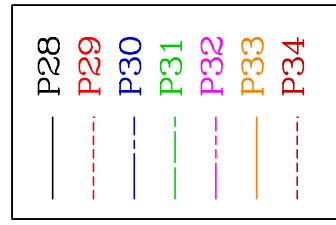
Incident Energy (MeV)

61-Pm-160

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Elastic Legendre Coefficients

61-Pm-160



$\times 10^{-6}$

Legendre (CM)

2

1

0

10

15

20

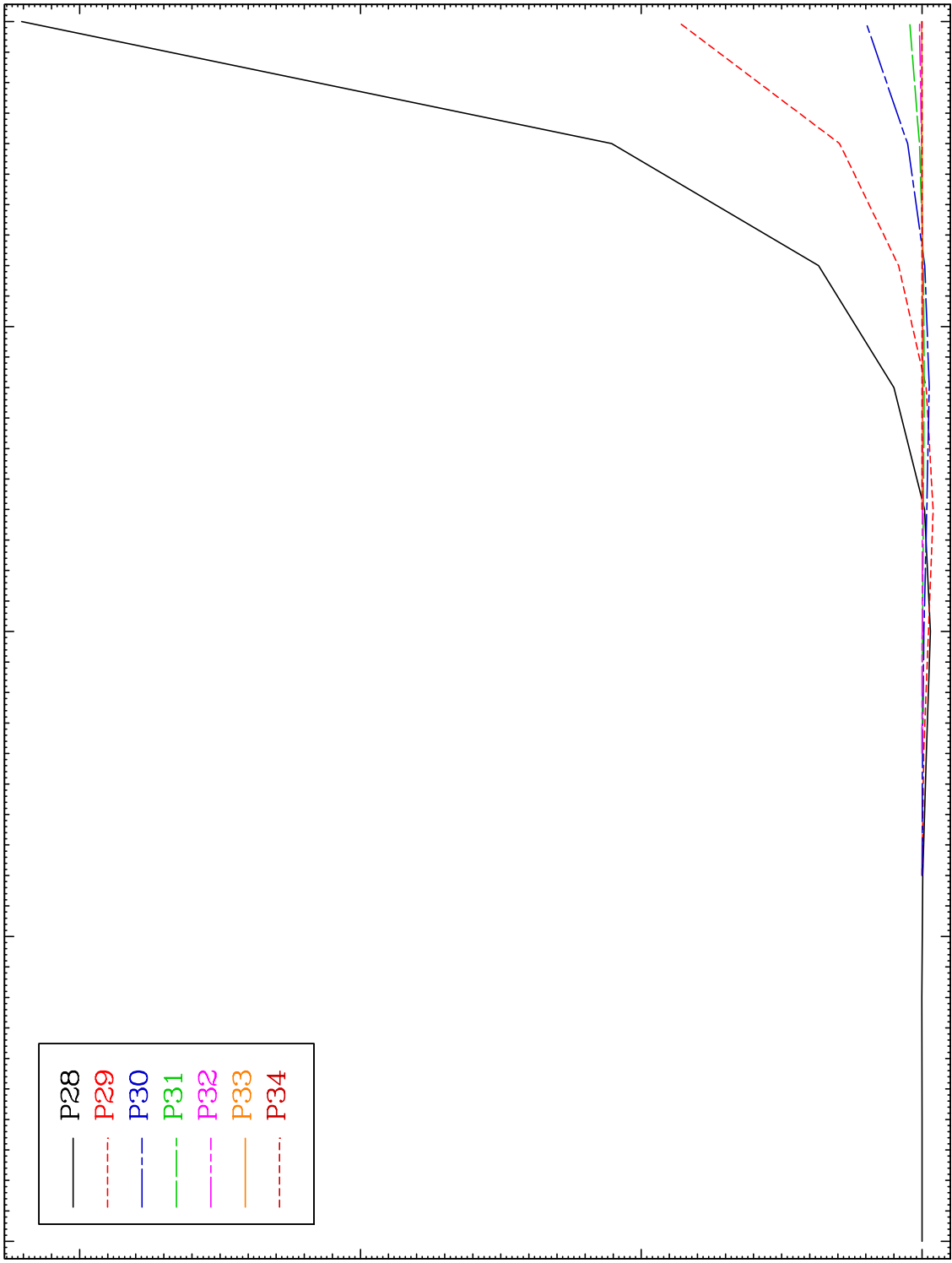
25

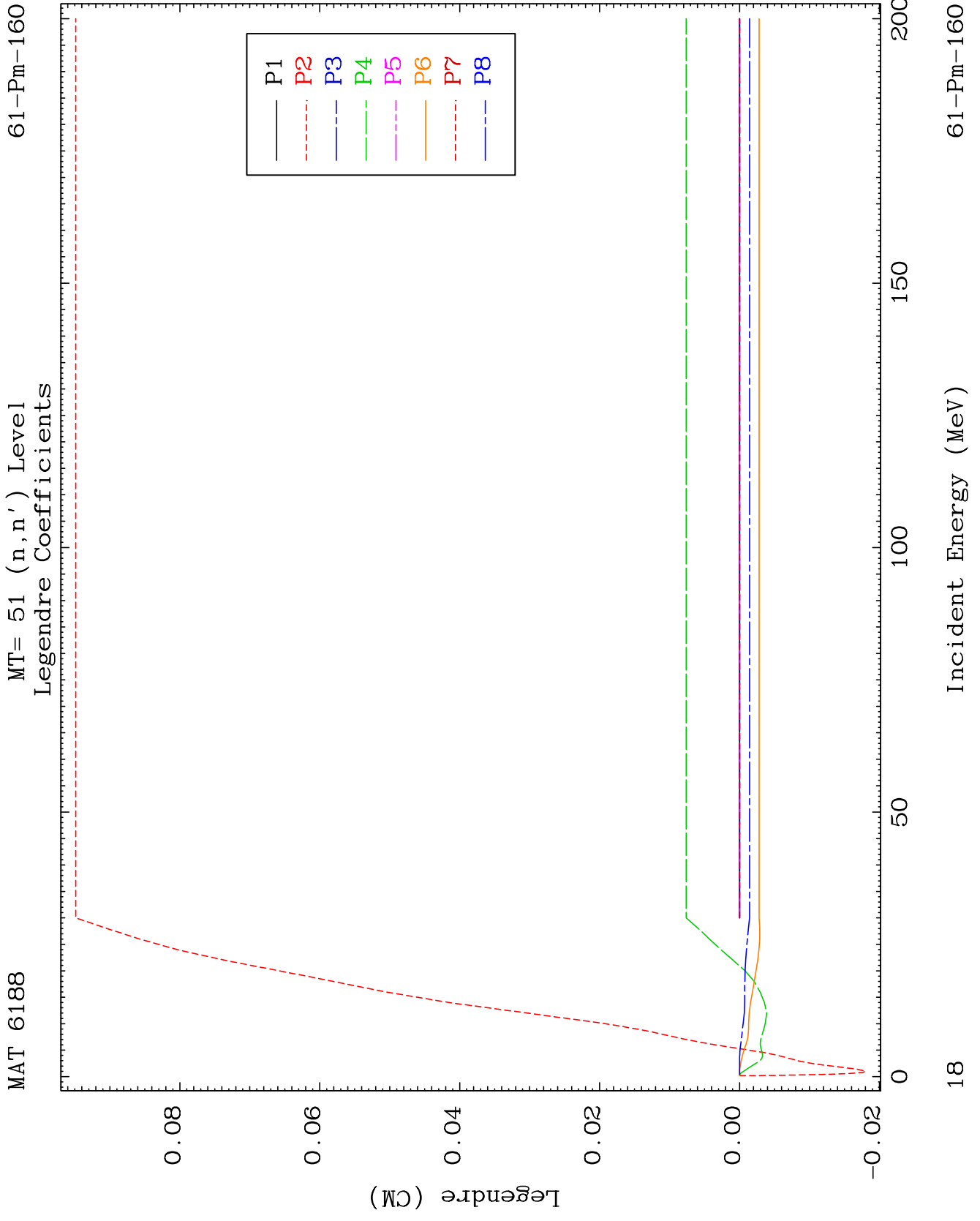
30

17

Incident Energy (MeV)

61-Pm-160

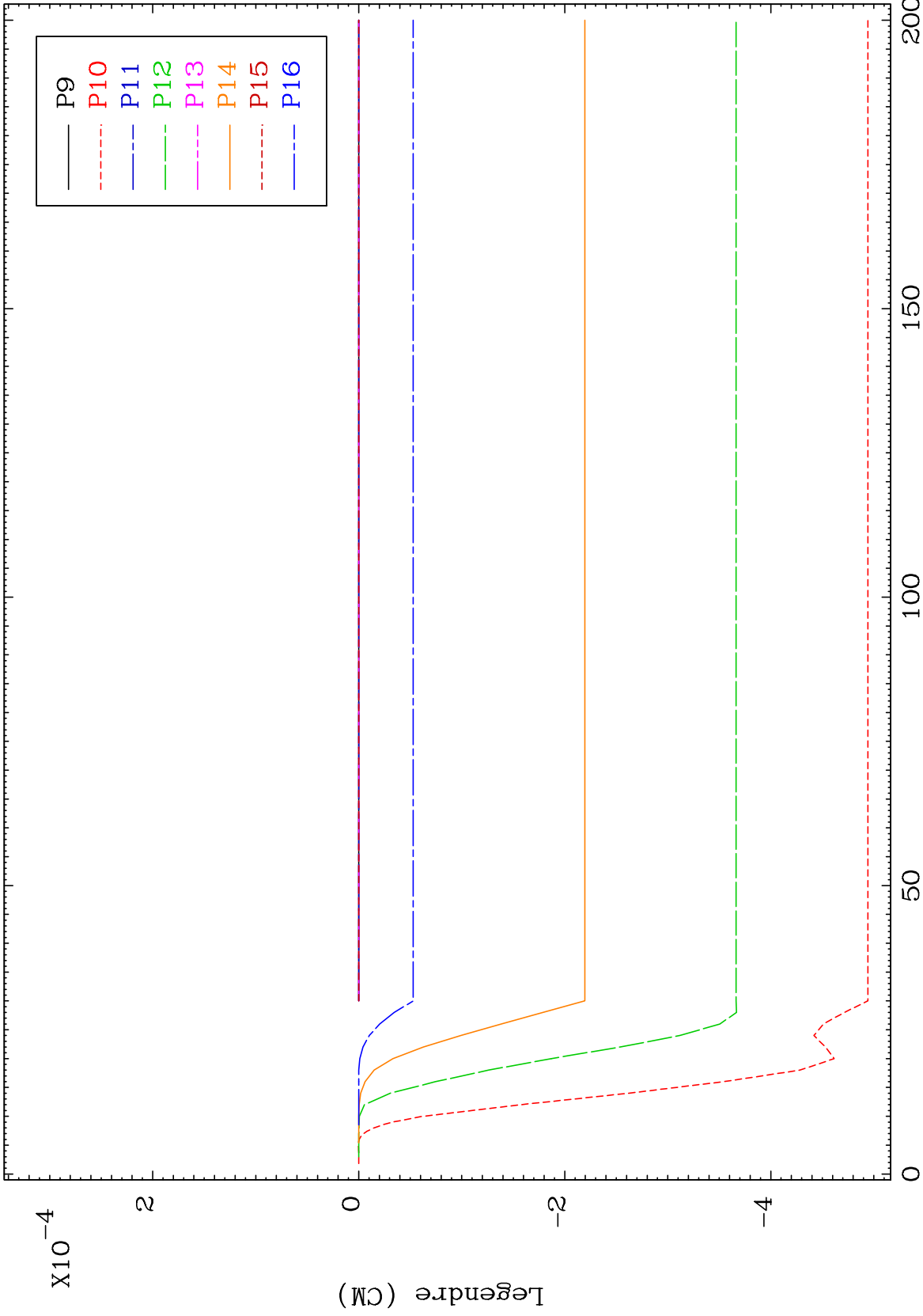




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MT= 51 (n,n') Level  
Legendre Coefficients

61-Pm-160



19

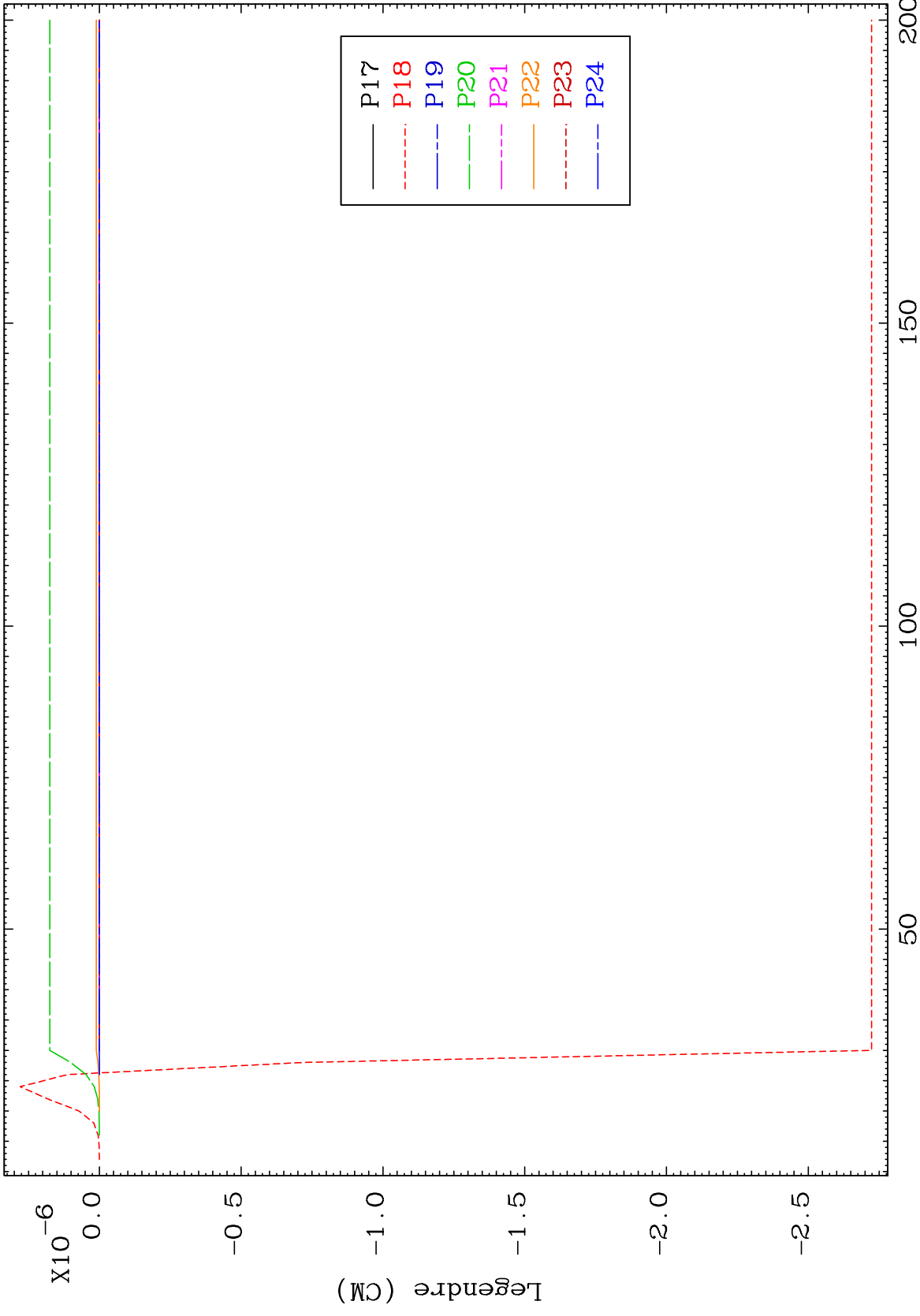
Incident Energy (MeV)

61-Pm-160

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MT= 51 (n,n') Level  
Legendre Coefficients

61-Pm-160



61-Pm-160

Incident Energy (MeV)

20