

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

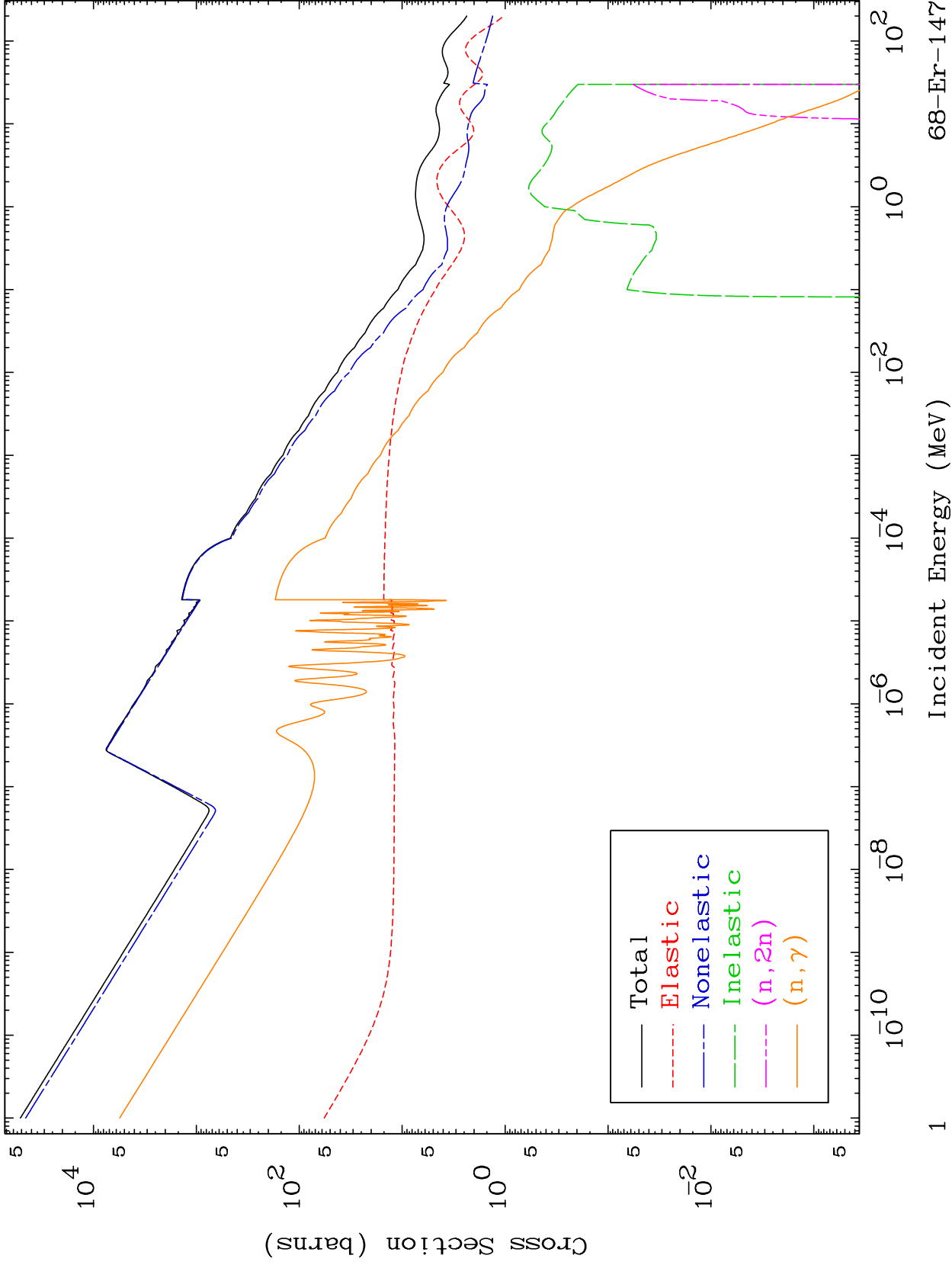
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Press Mouse Button to Start

MAT 6780

Neutron Major  
293 Kelvin Cross Sections

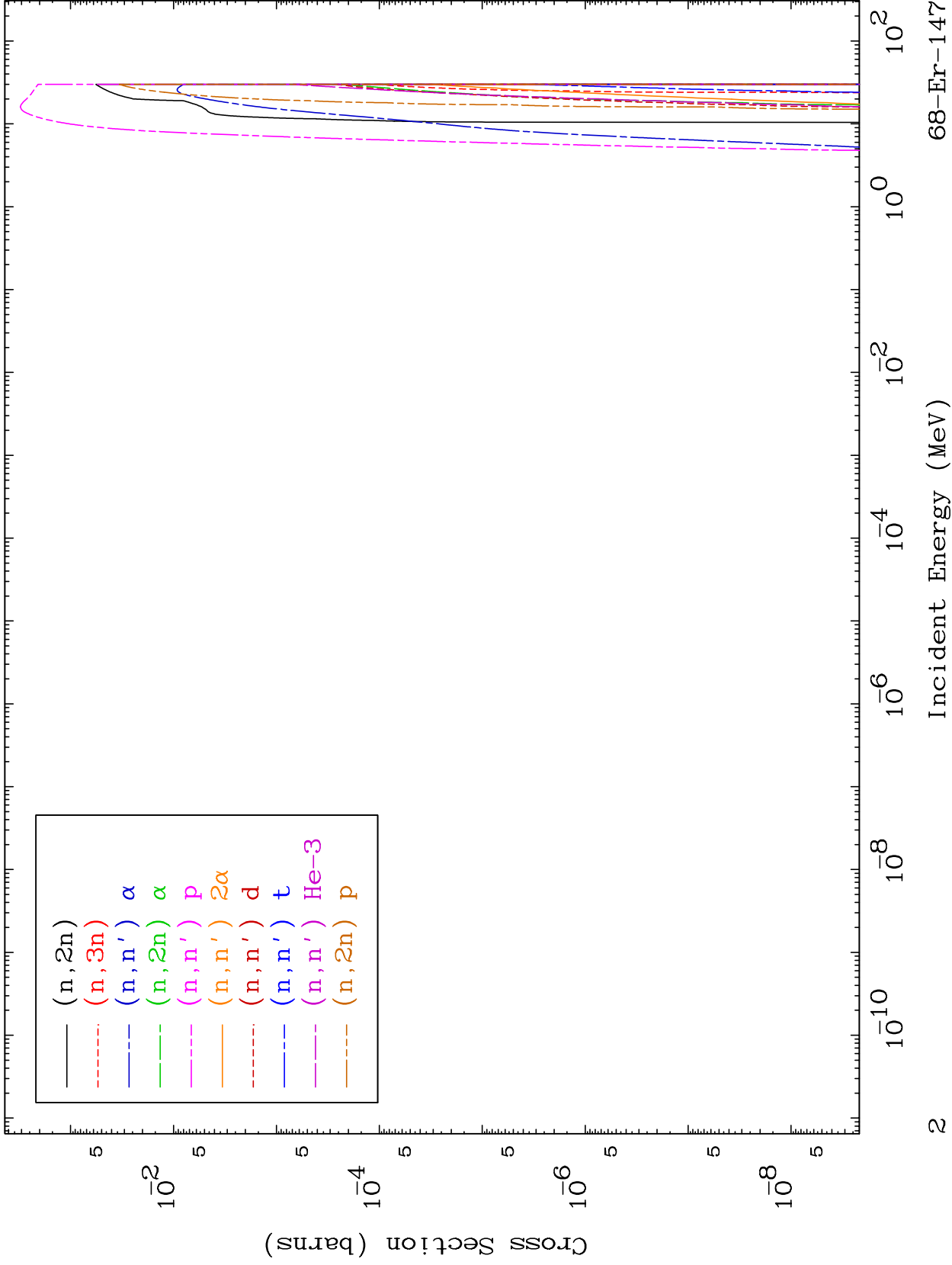
68-Er-147



MAT 6780

Neutron Absorption  
293 Kelvin Cross Sections

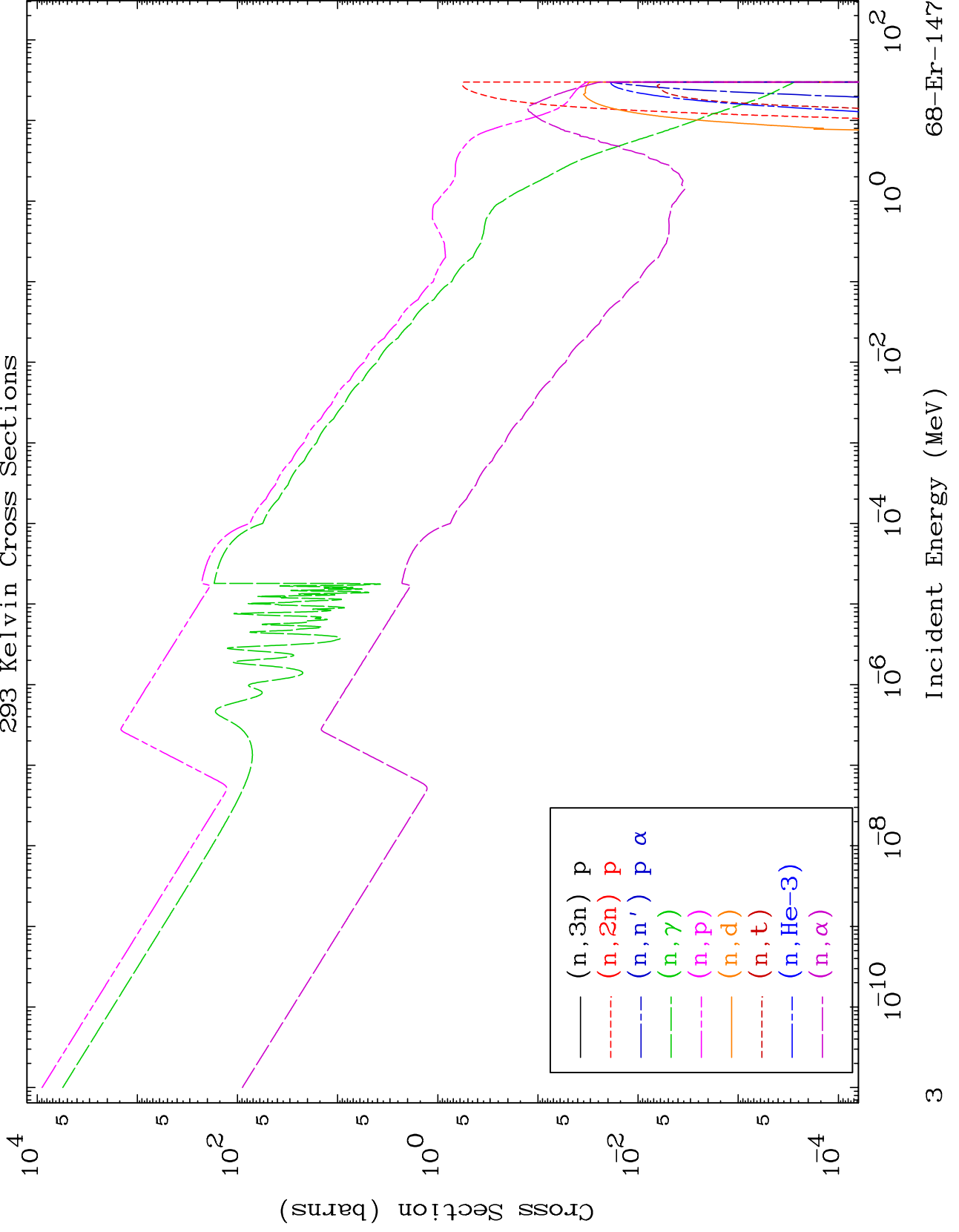
68-Er-147



MAT 6780

Neutron Absorption  
293 Kelvin Cross Sections

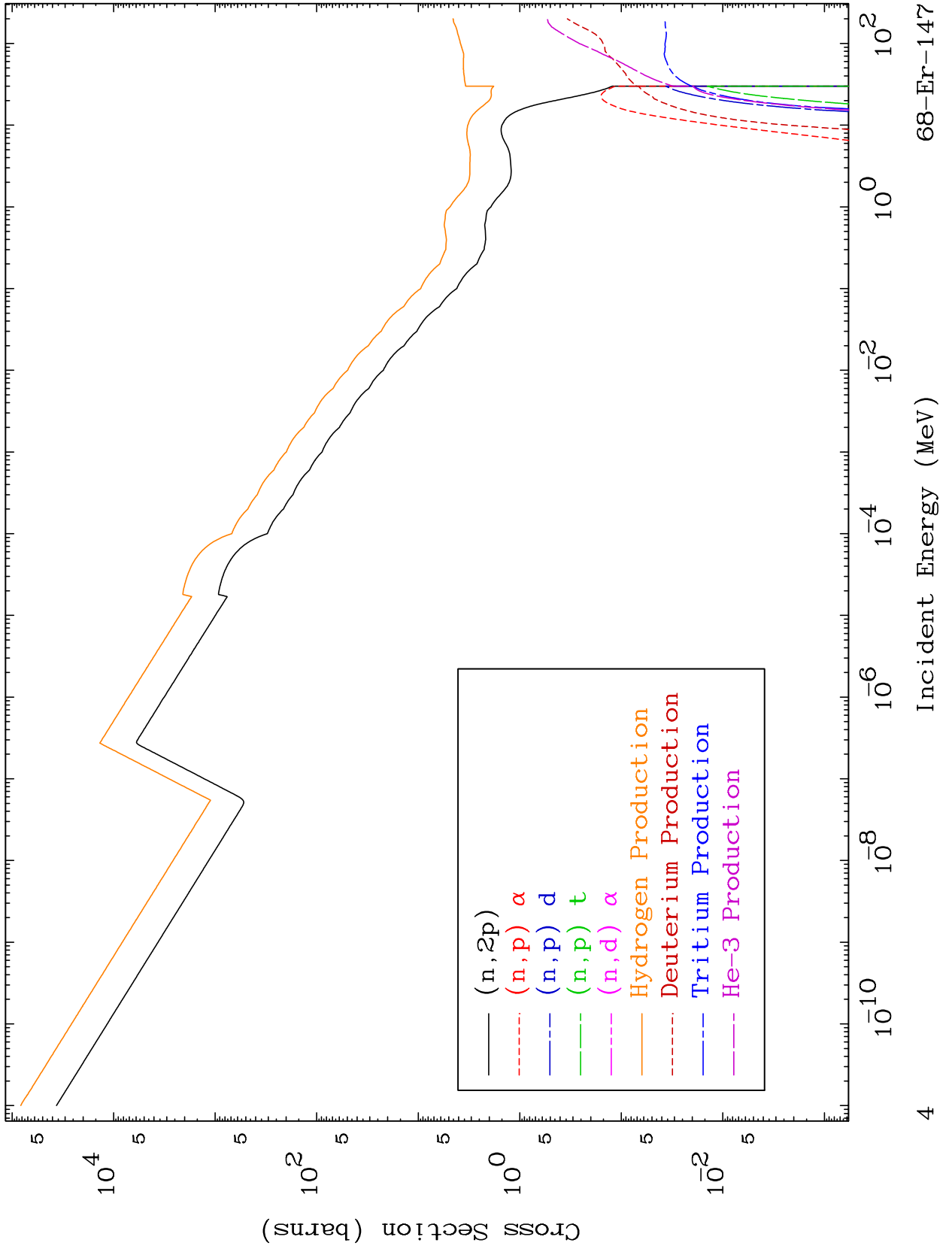
68-Er-147



MAT 6780

Neutron Absorption  
293 Kelvin Cross Sections

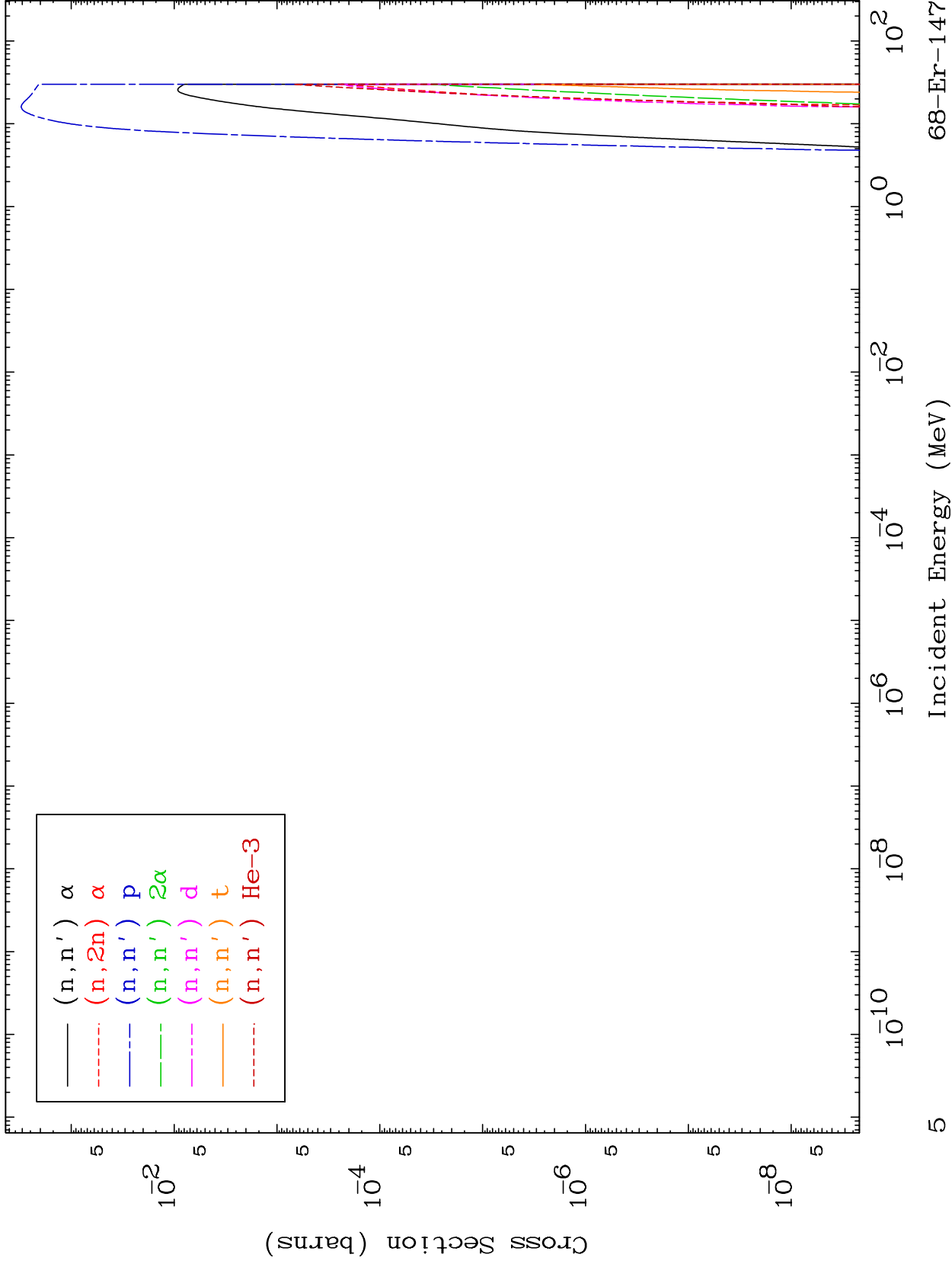
68-Er-147



MAT 6780

Charged Particle  
293 Kelvin Cross Sections

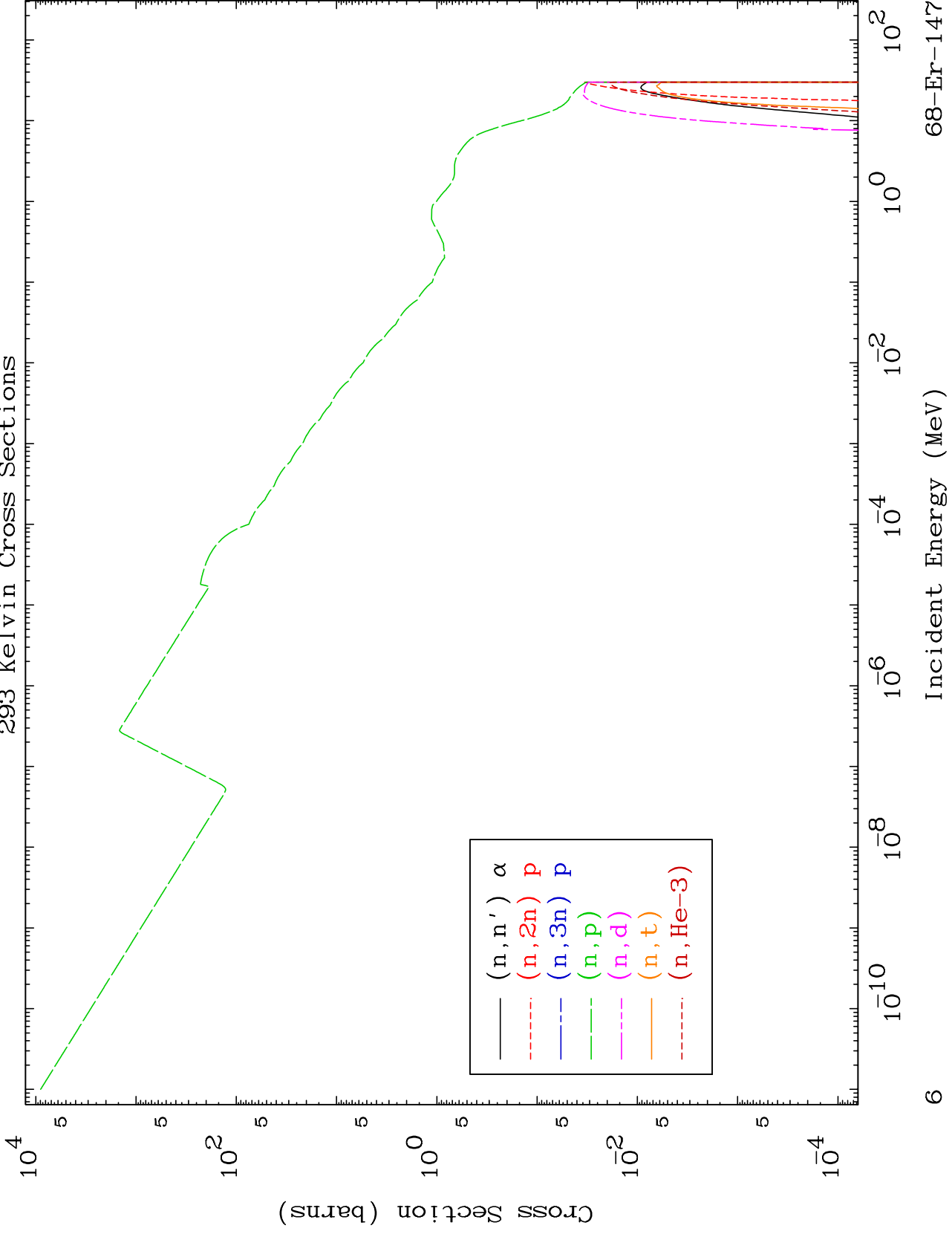
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MAT 6780

Charged Particle  
293 Kelvin Cross Sections

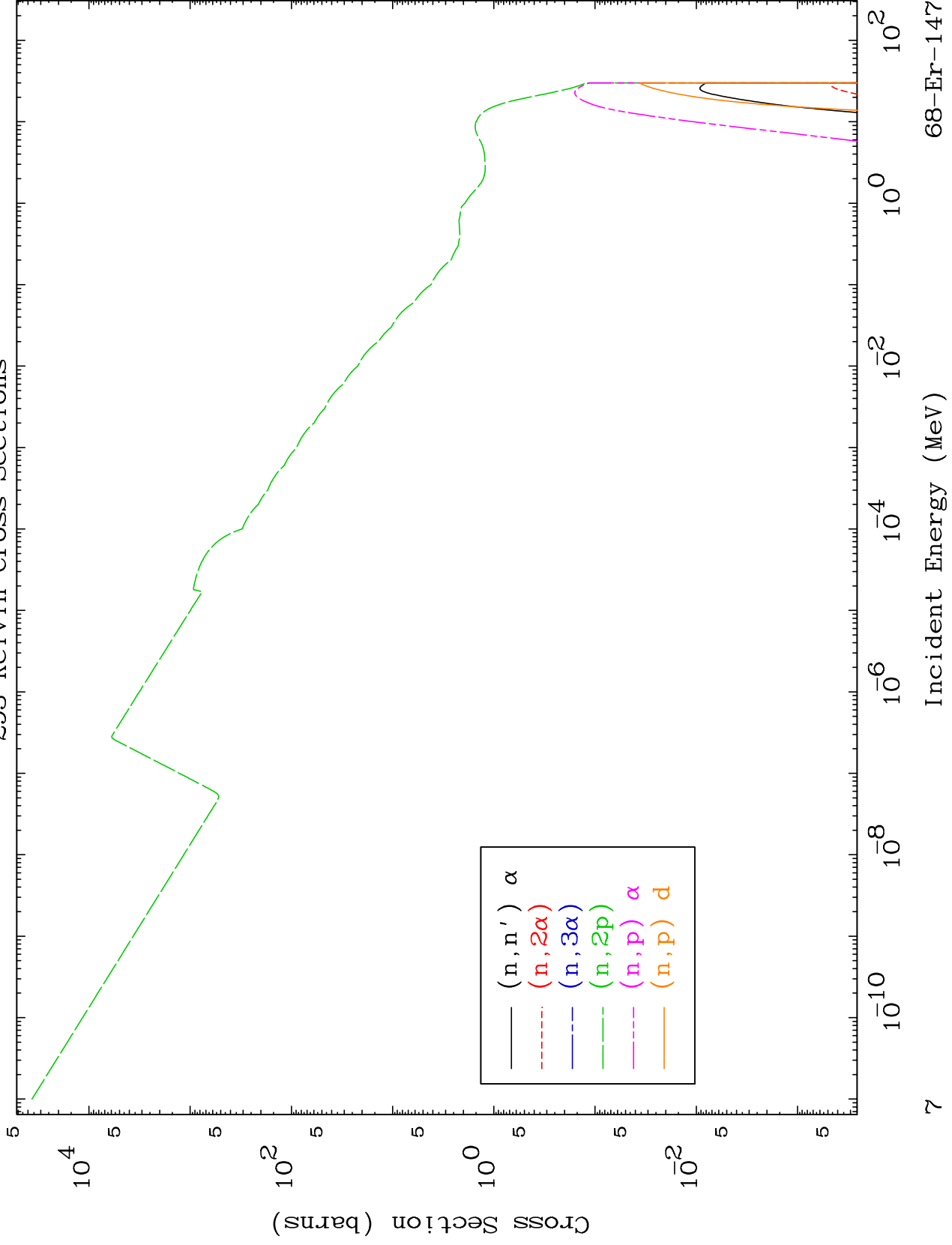
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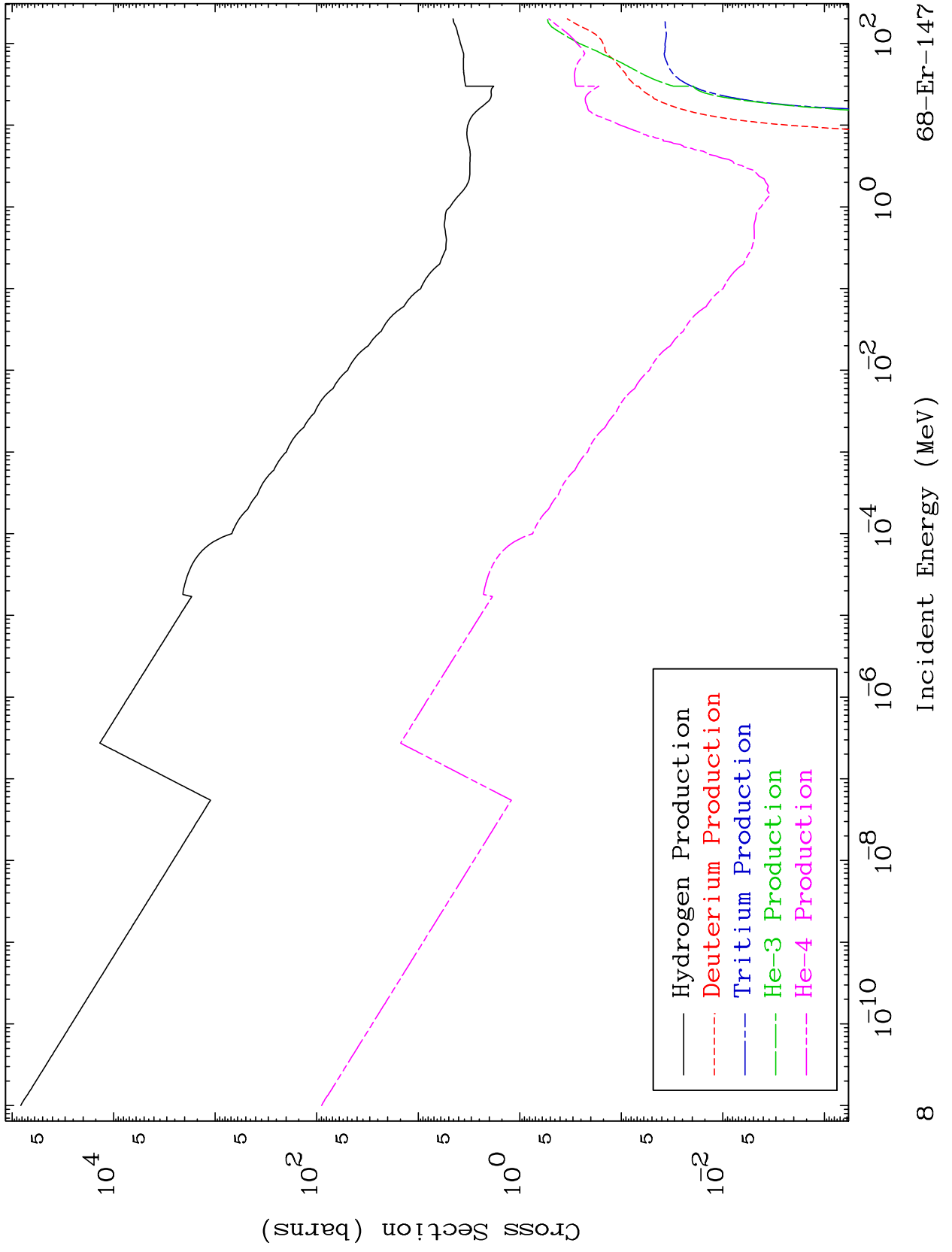
MAT 6780

Charged Particle  
293 Kelvin Cross Sections

68-Er-147





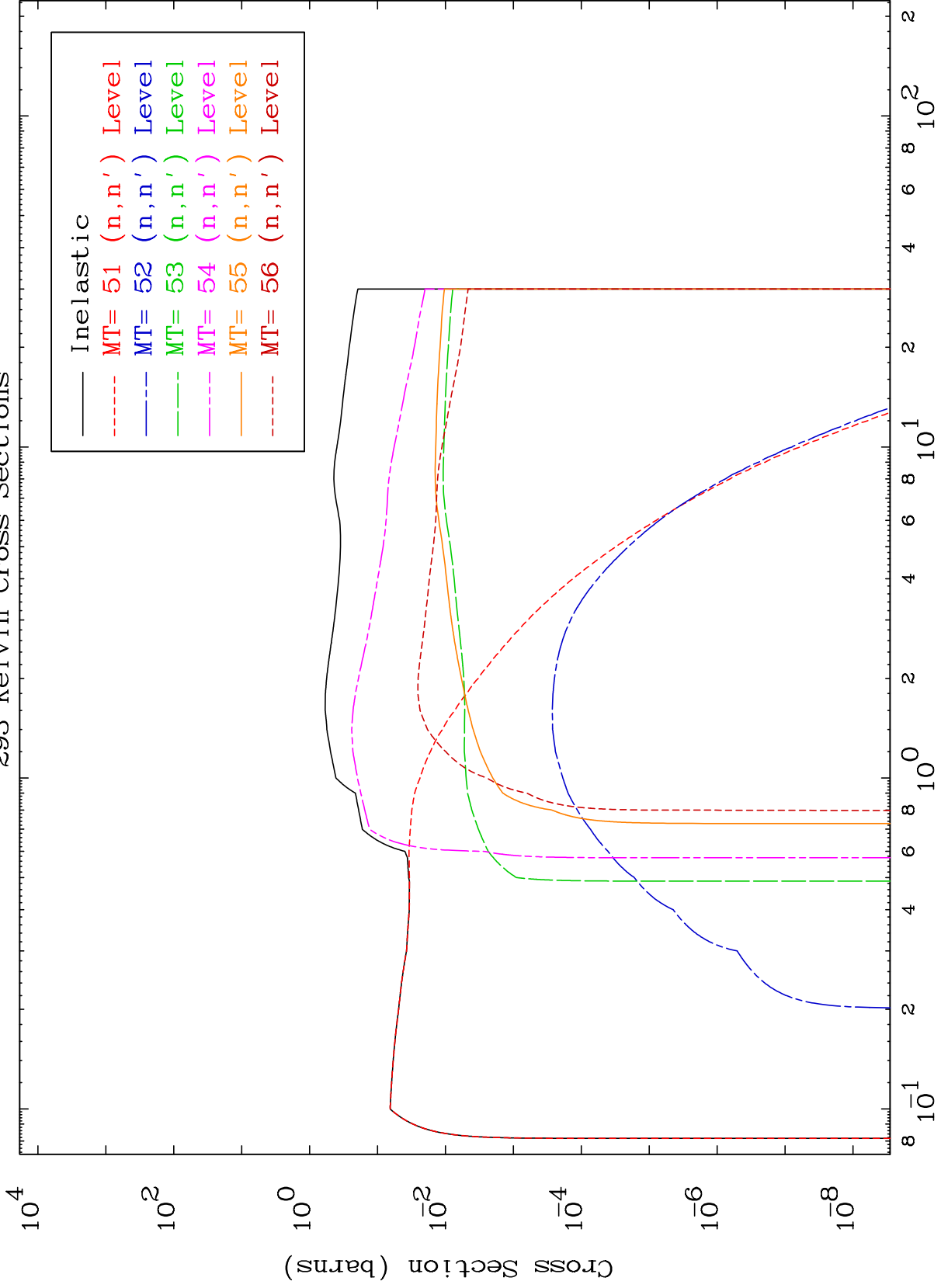


MAT 6780

(n,n') Levels

68-Er-147

293 Kelvin Cross Sections



Incident Energy (MeV)

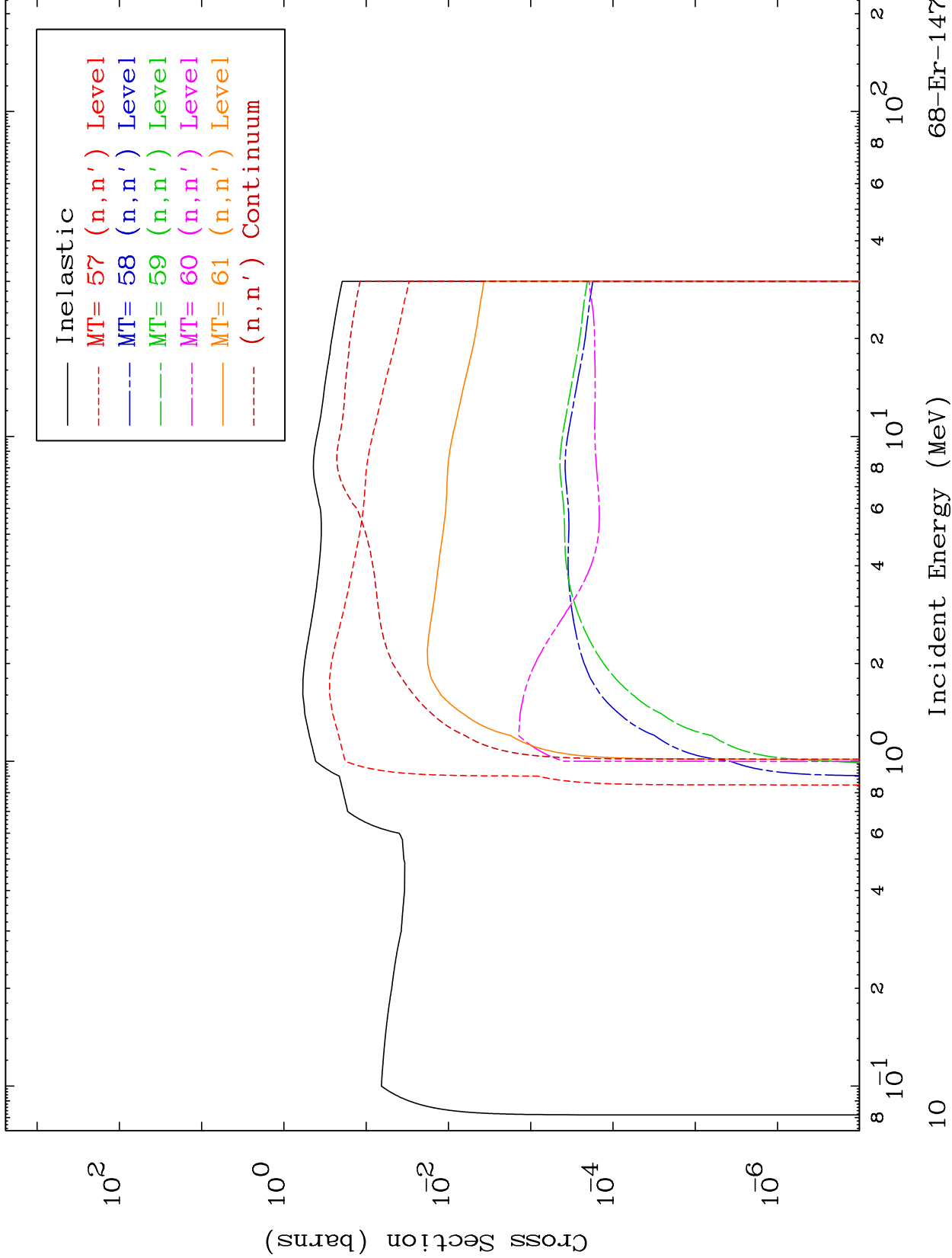
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9

MAT 6780

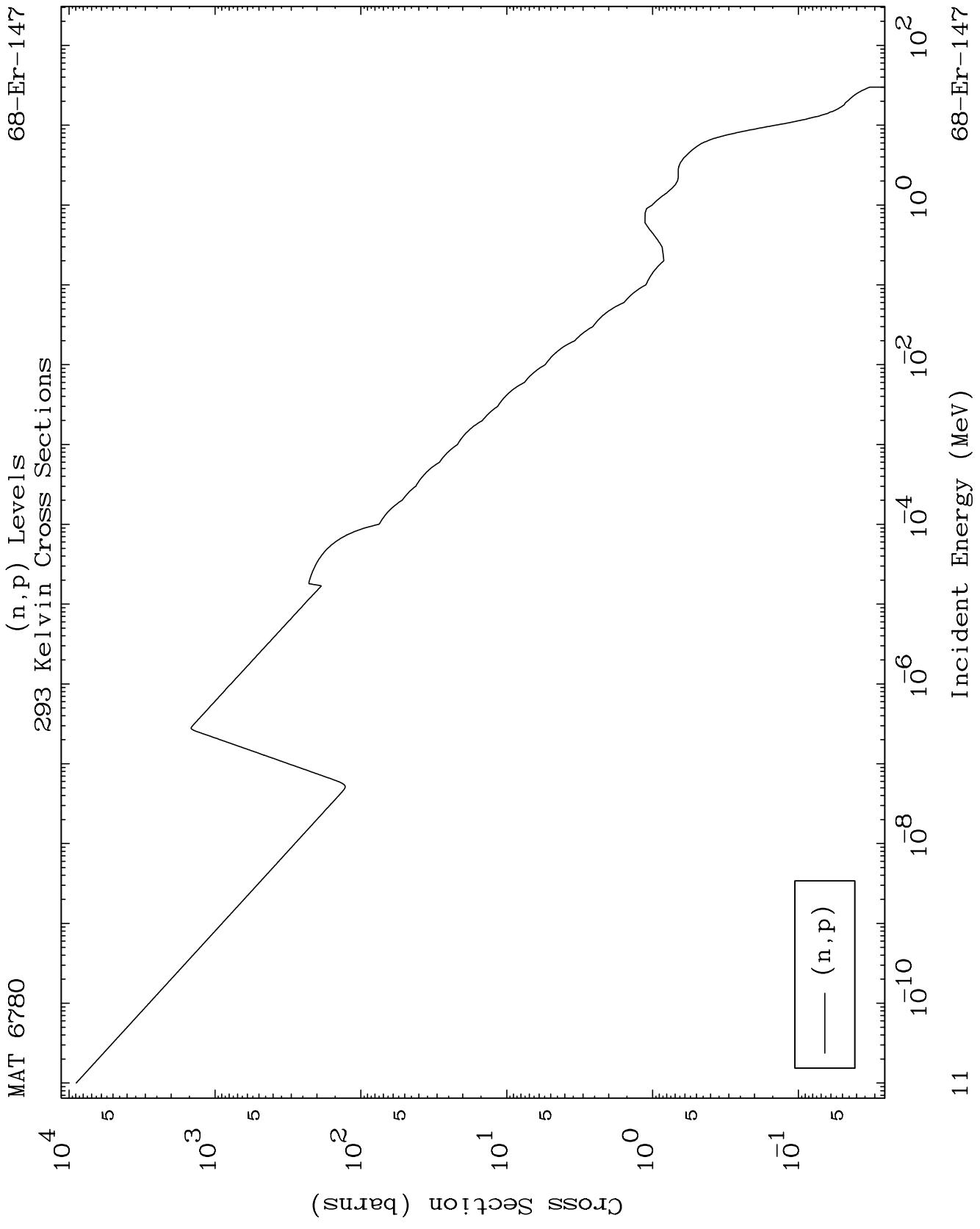
(n,n') Levels  
293 Kelvin Cross Sections

68-Er-147



68-Er-147

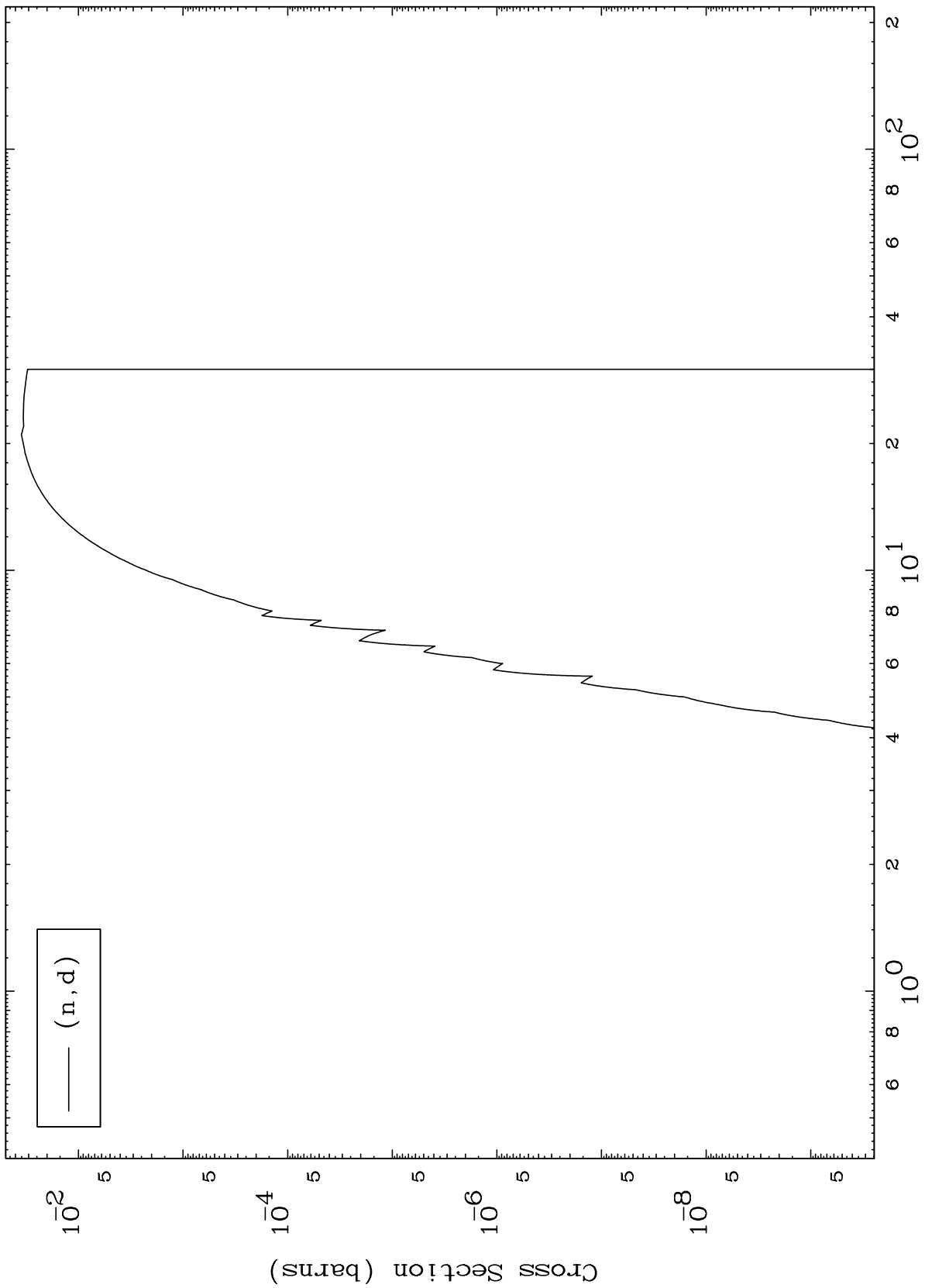
Incident Energy (MeV)



MAT 6780

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-147



12

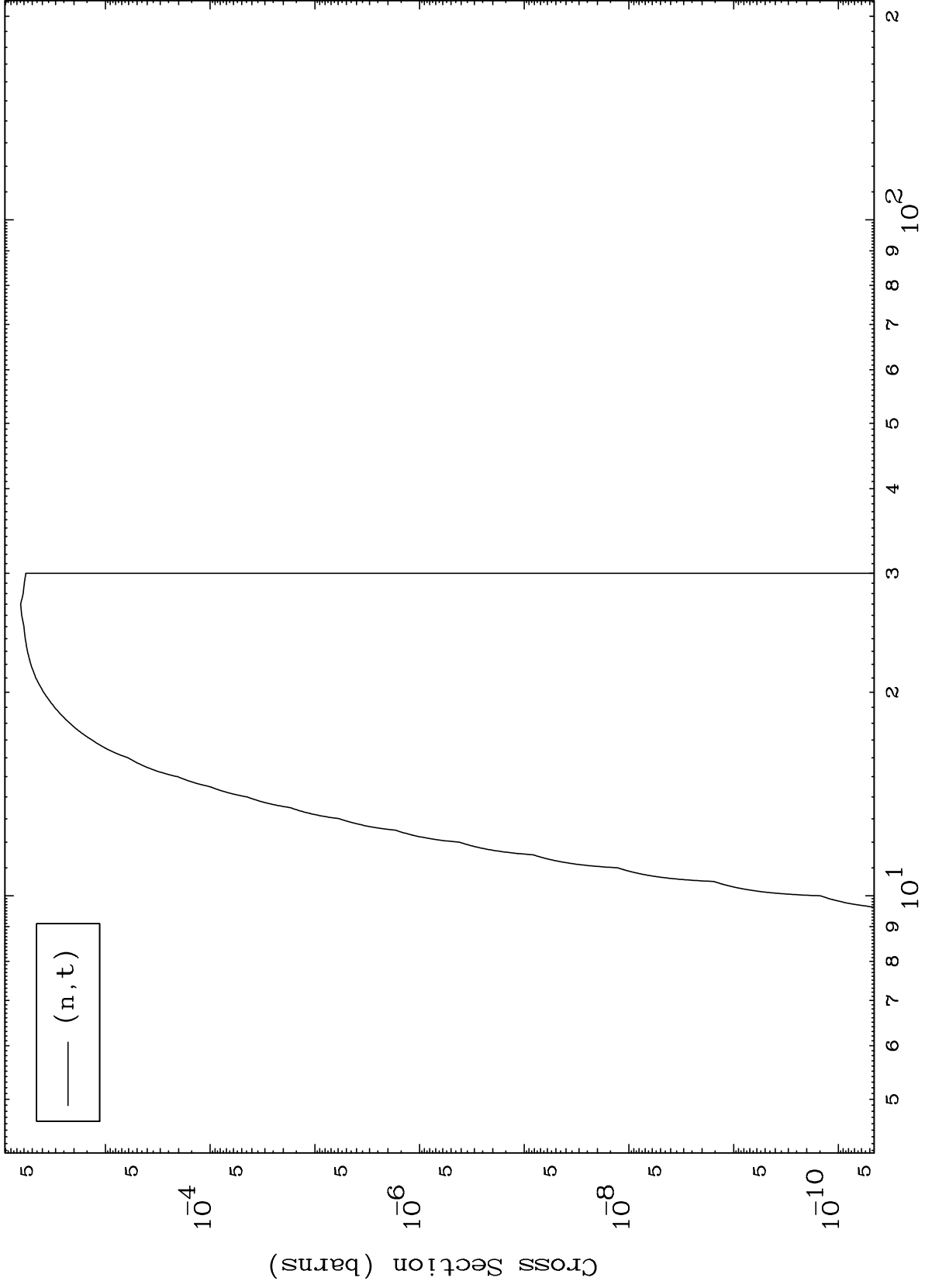
Incident Energy (MeV)

68-Er-147

MAT 6780

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-147



13

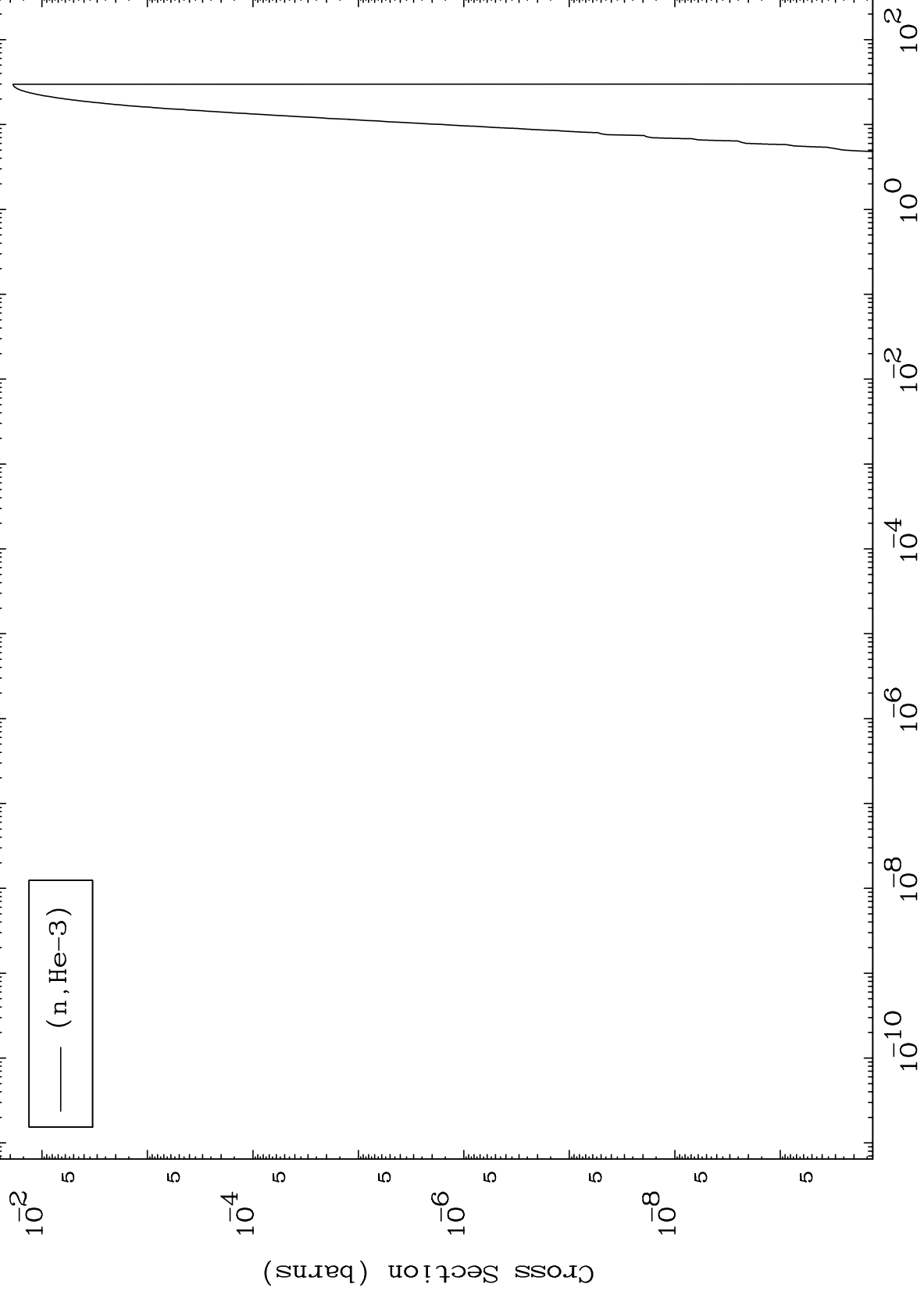
Incident Energy (MeV)

68-Er-147

MAT 6780

(n,He3) Levels  
293 Kelvin Cross Sections

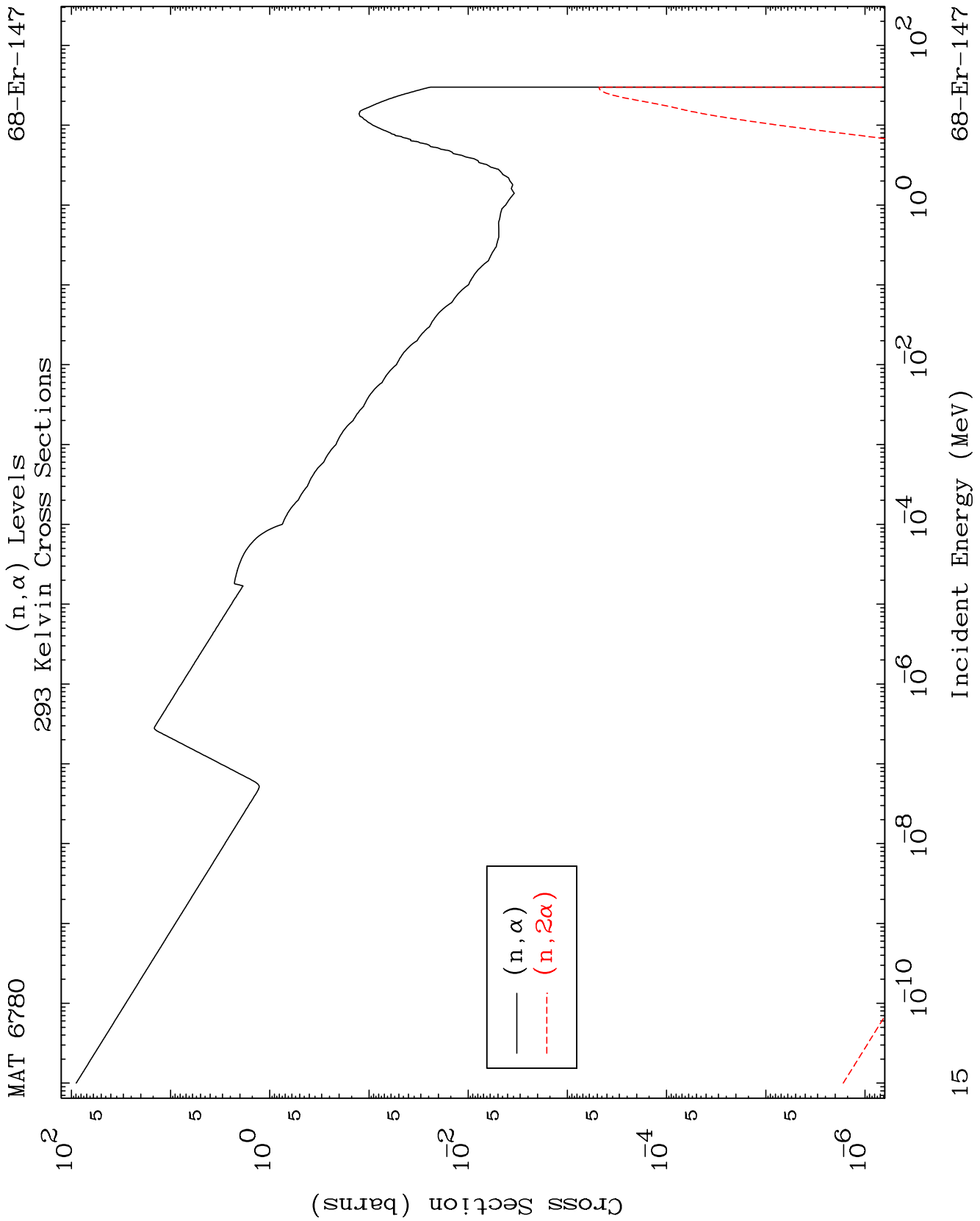
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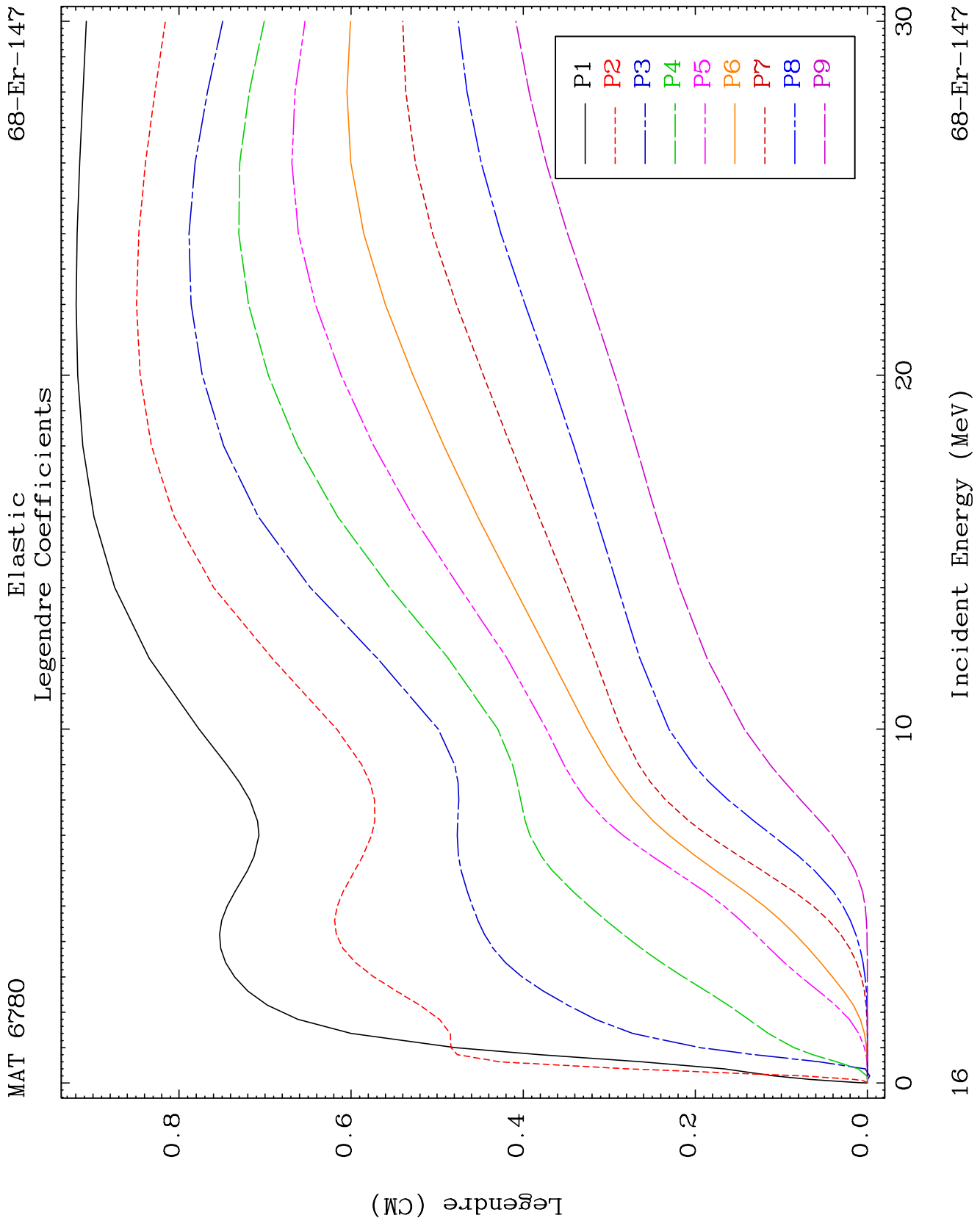
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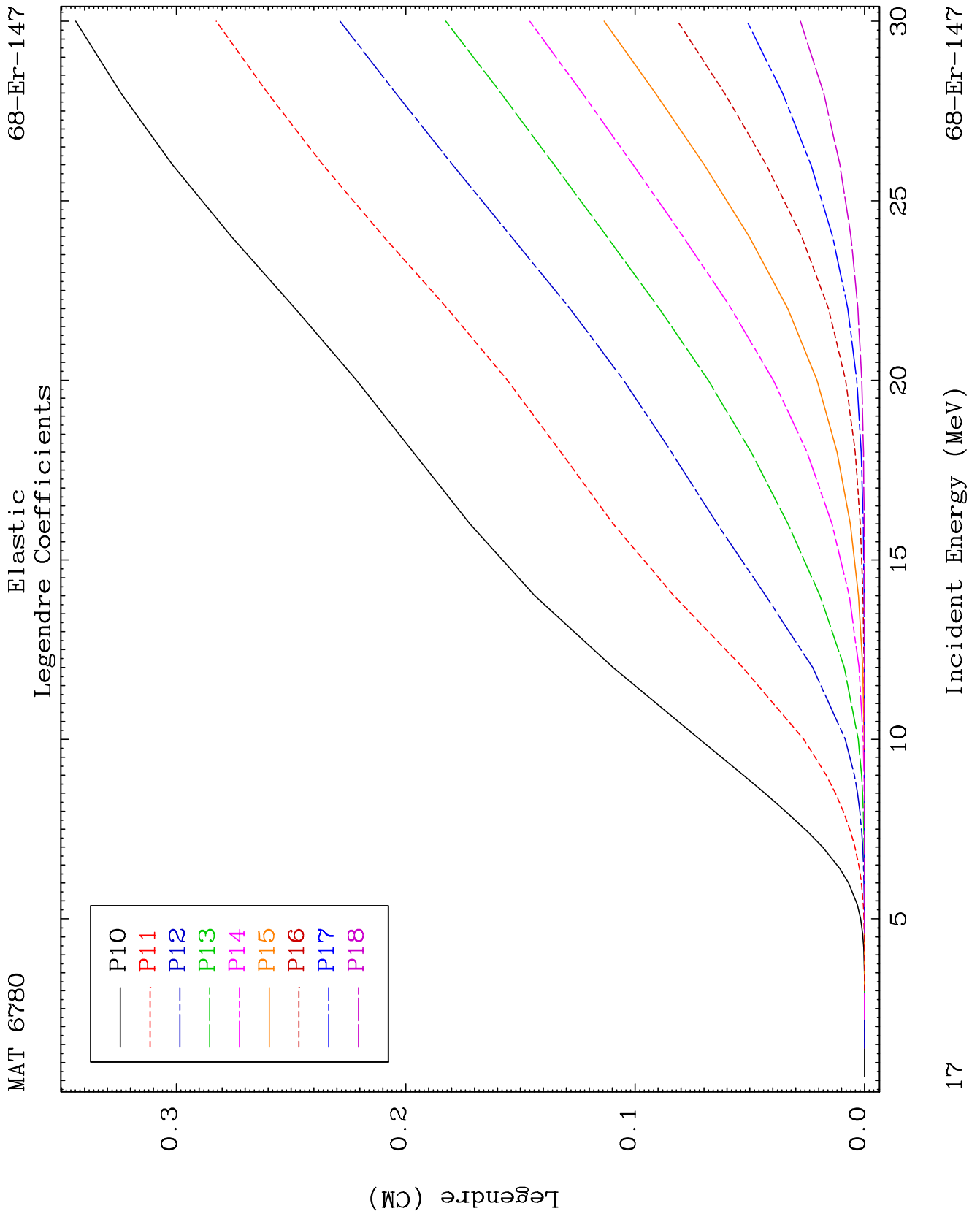
Incident Energy (MeV)

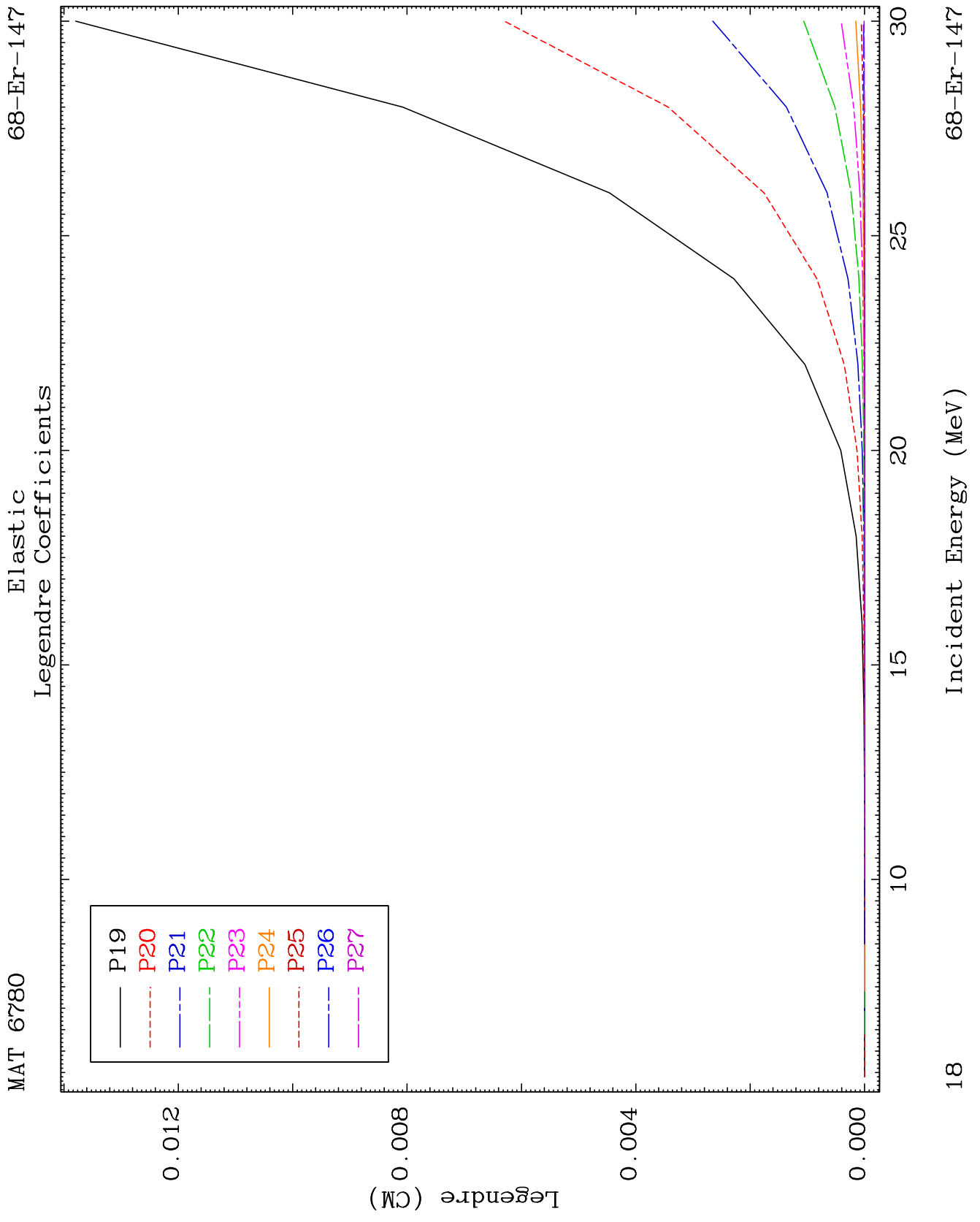
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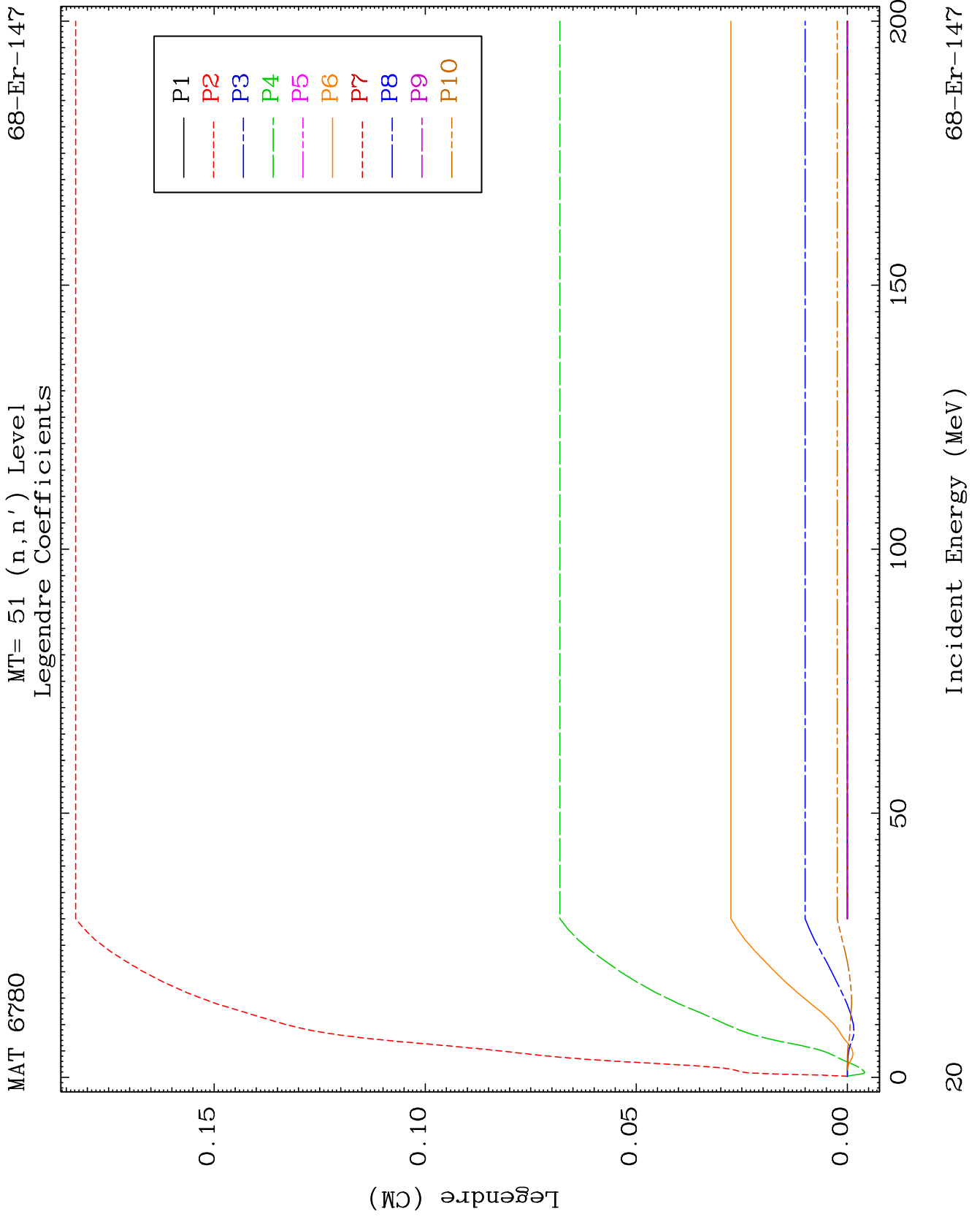








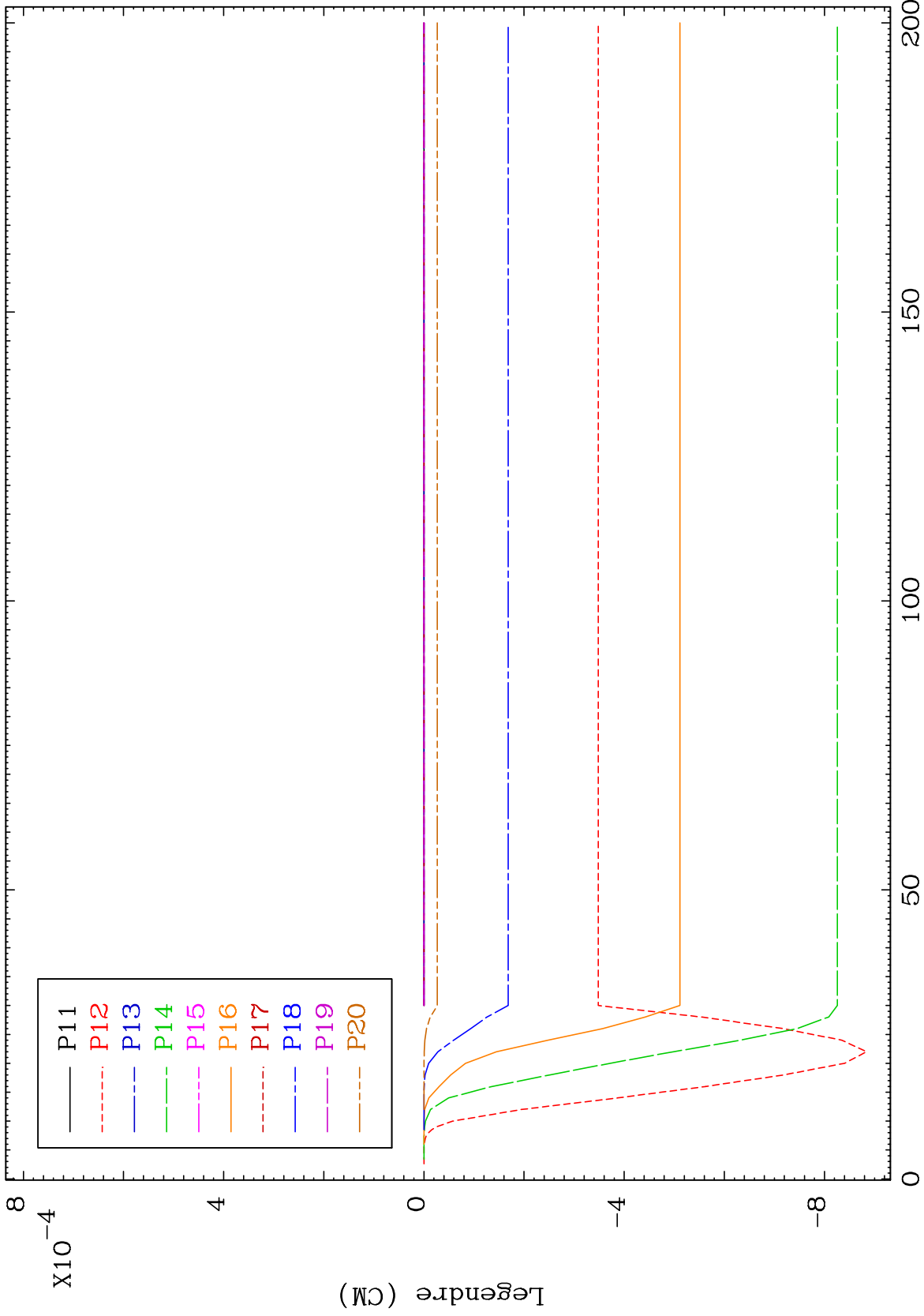




MAT 6780

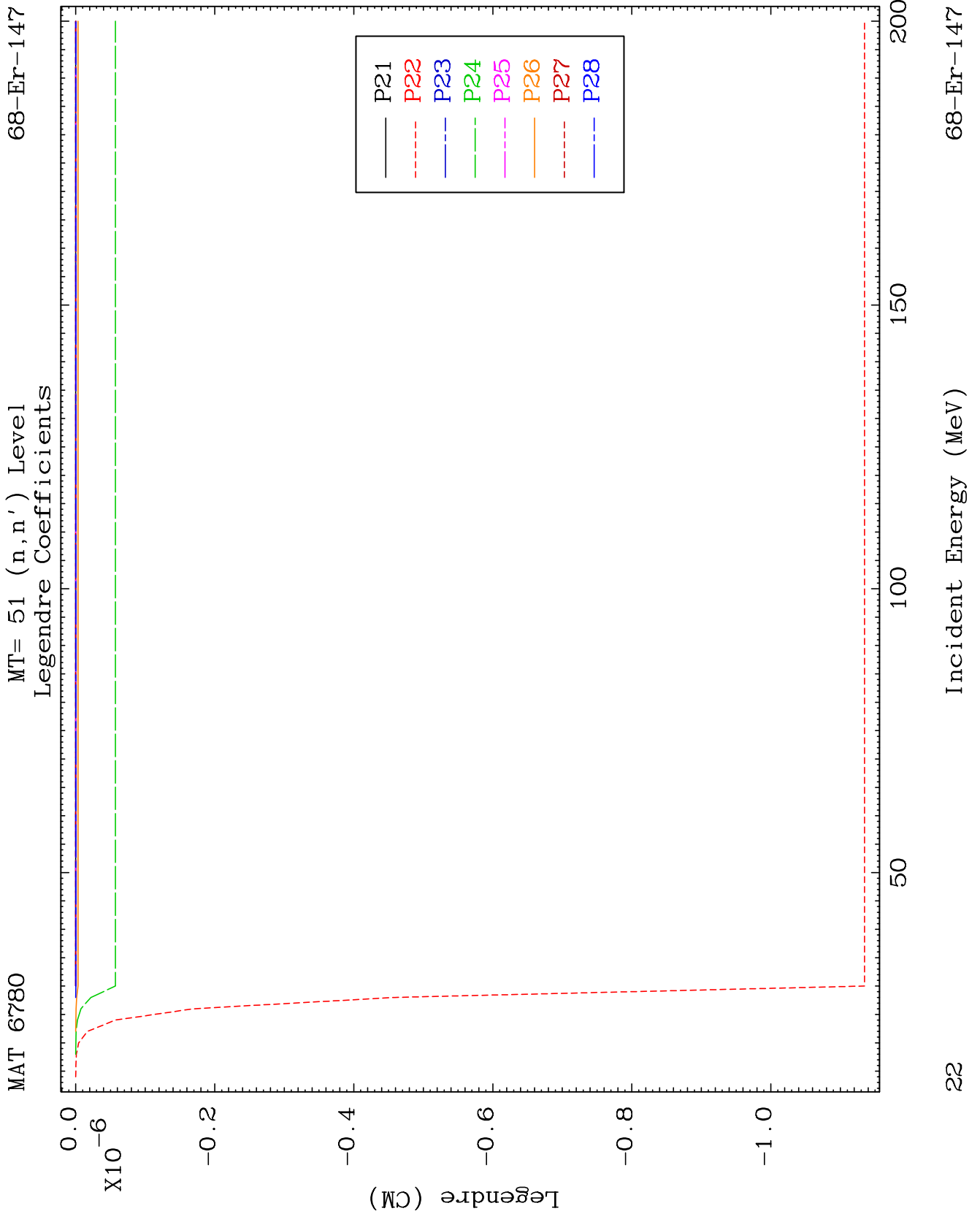
MT= 51 (n,n') Level  
Legendre Coefficients

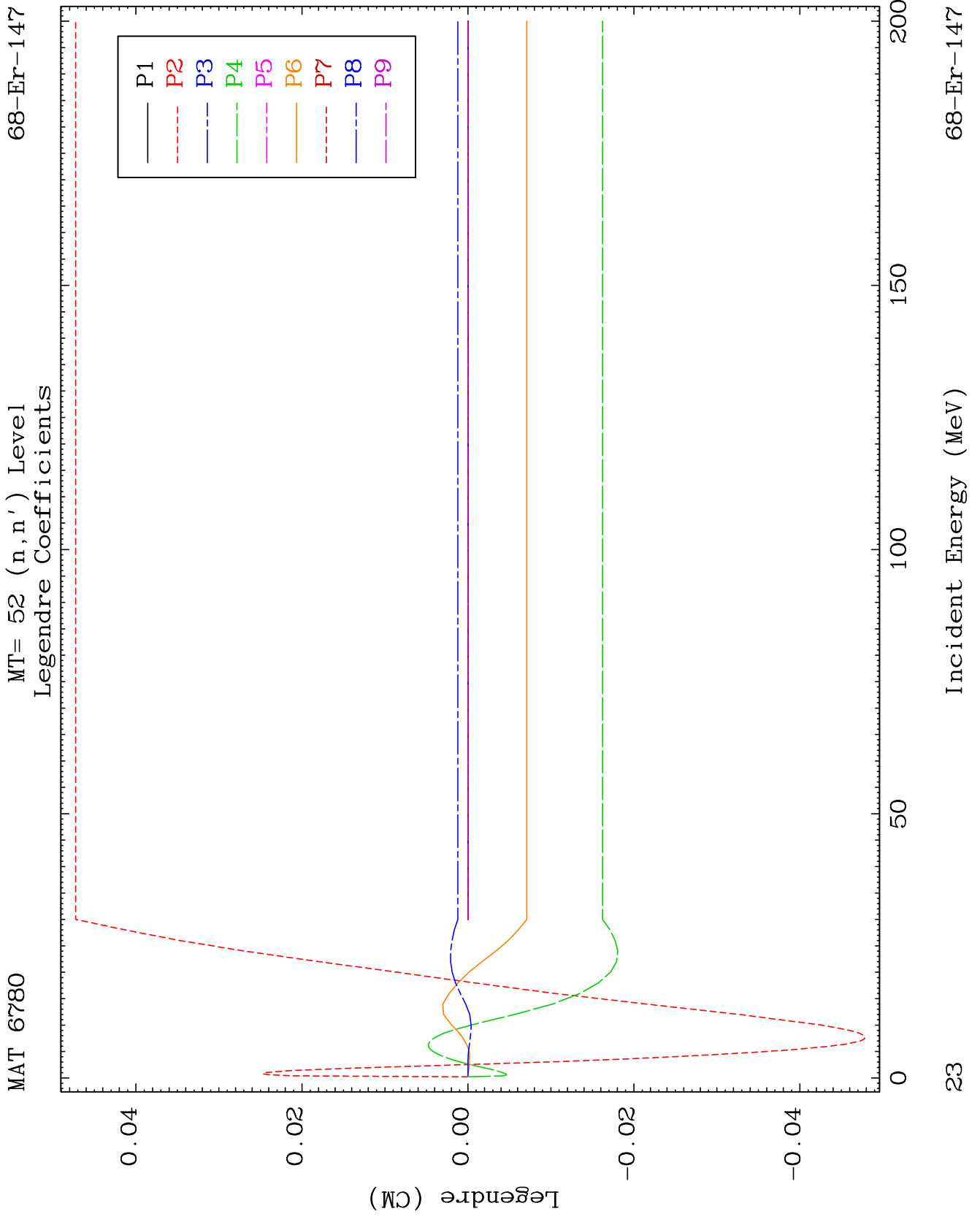
68-Er-147



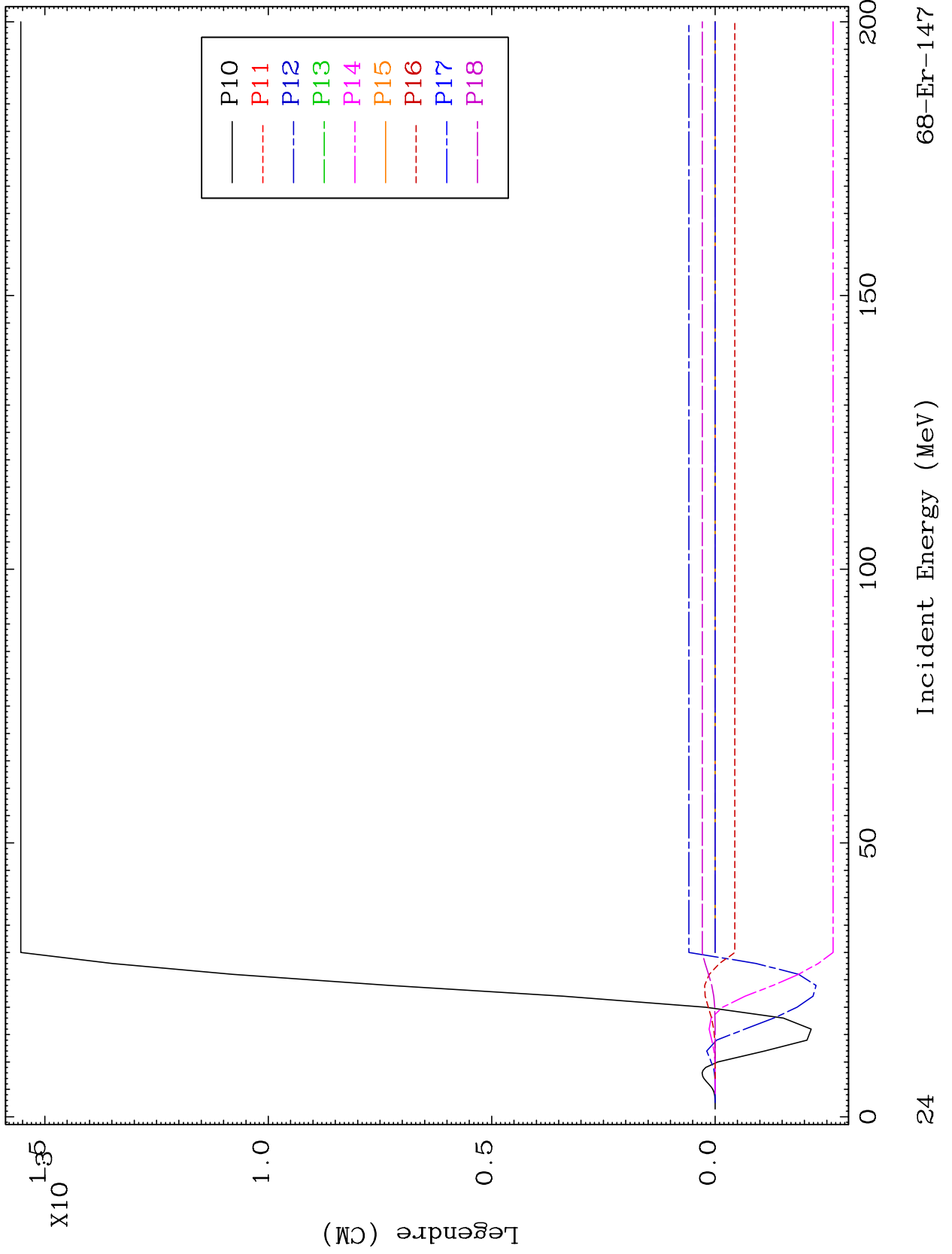
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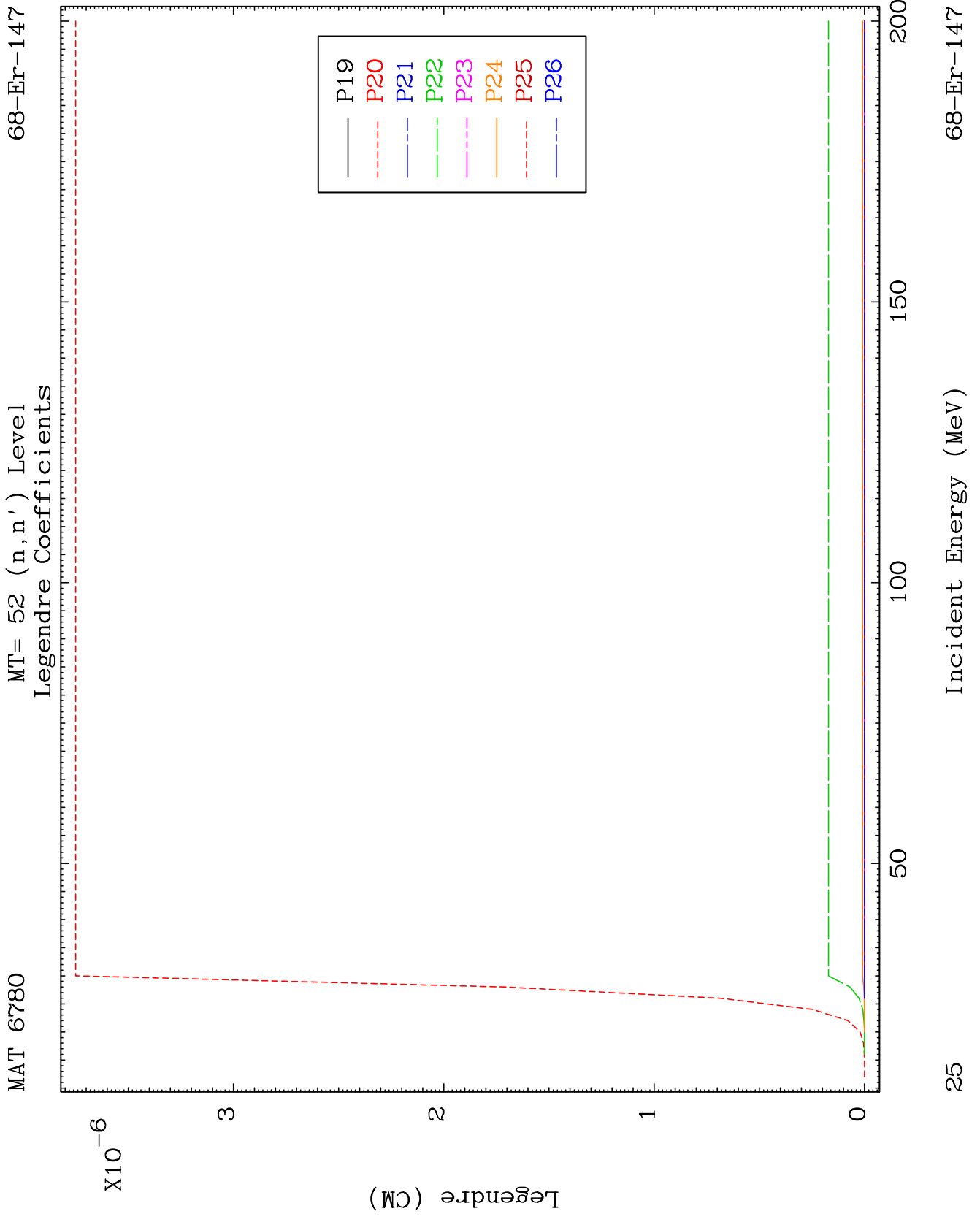
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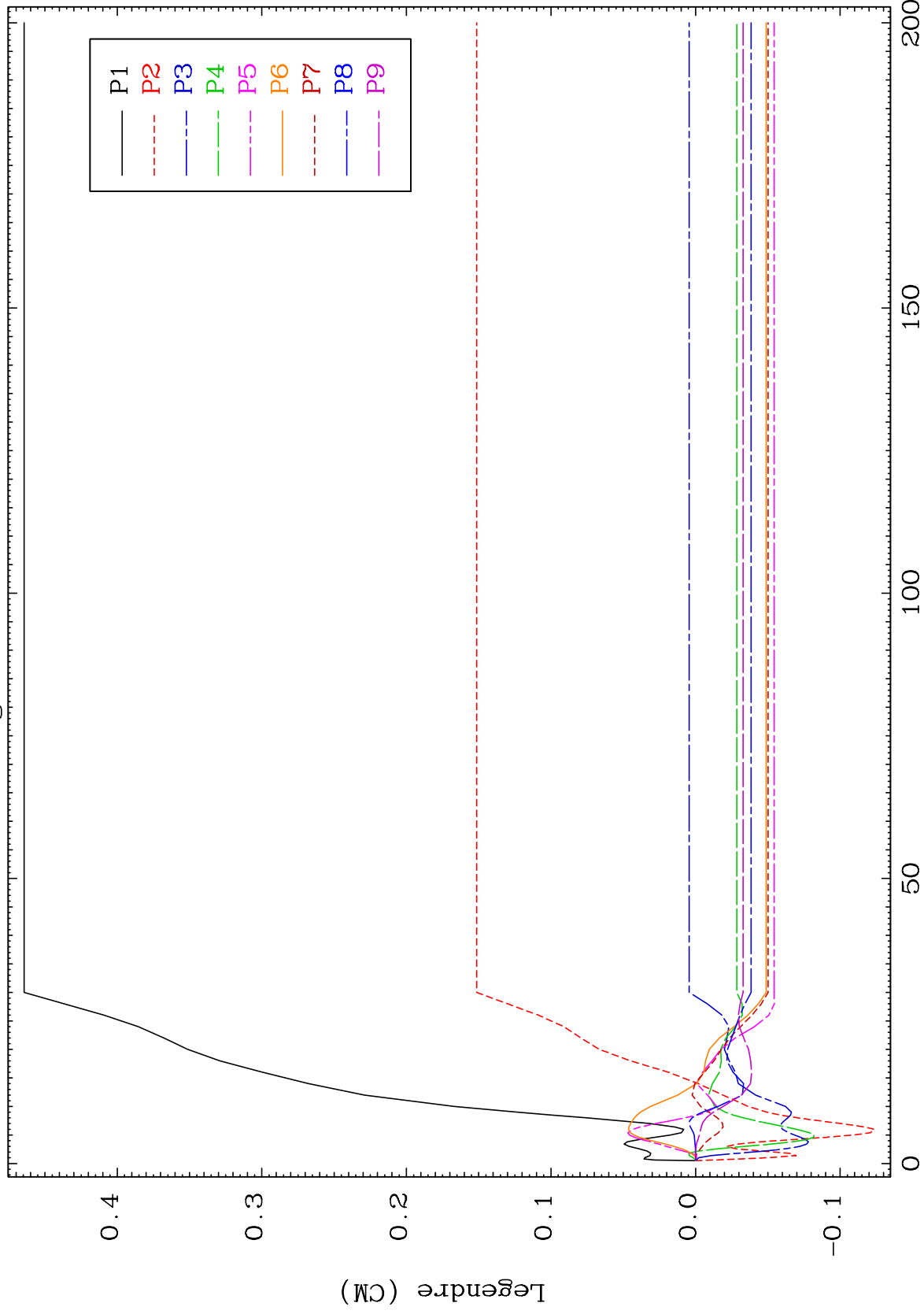




MAT 6780

MT= 53 (n,n') Level  
Legendre Coefficients

68-Er-147



68-Er-147

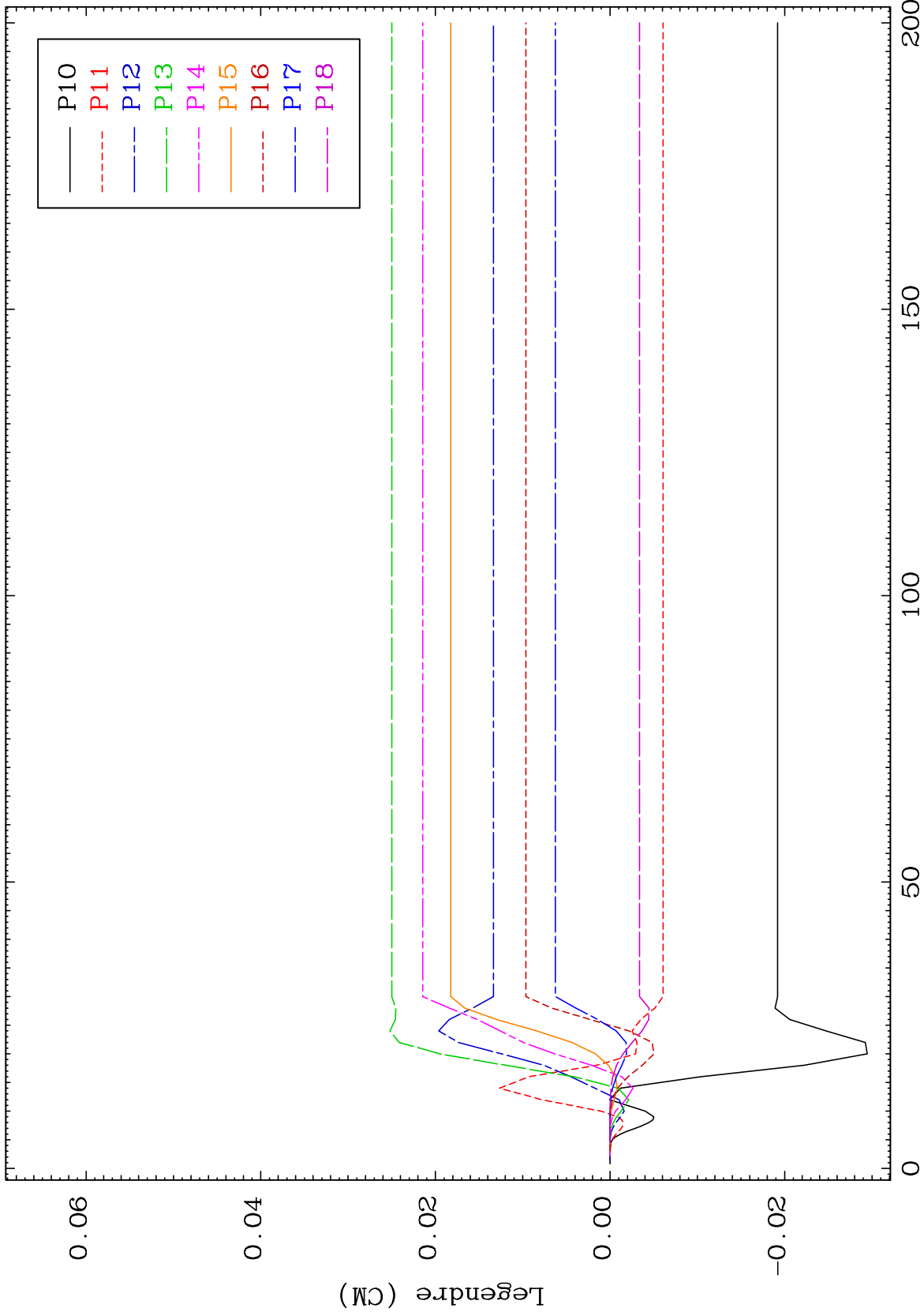
Incident Energy (MeV)

26

MAT 6780

MT= 53 (n,n') Level  
Legendre Coefficients

68-Er-147



27

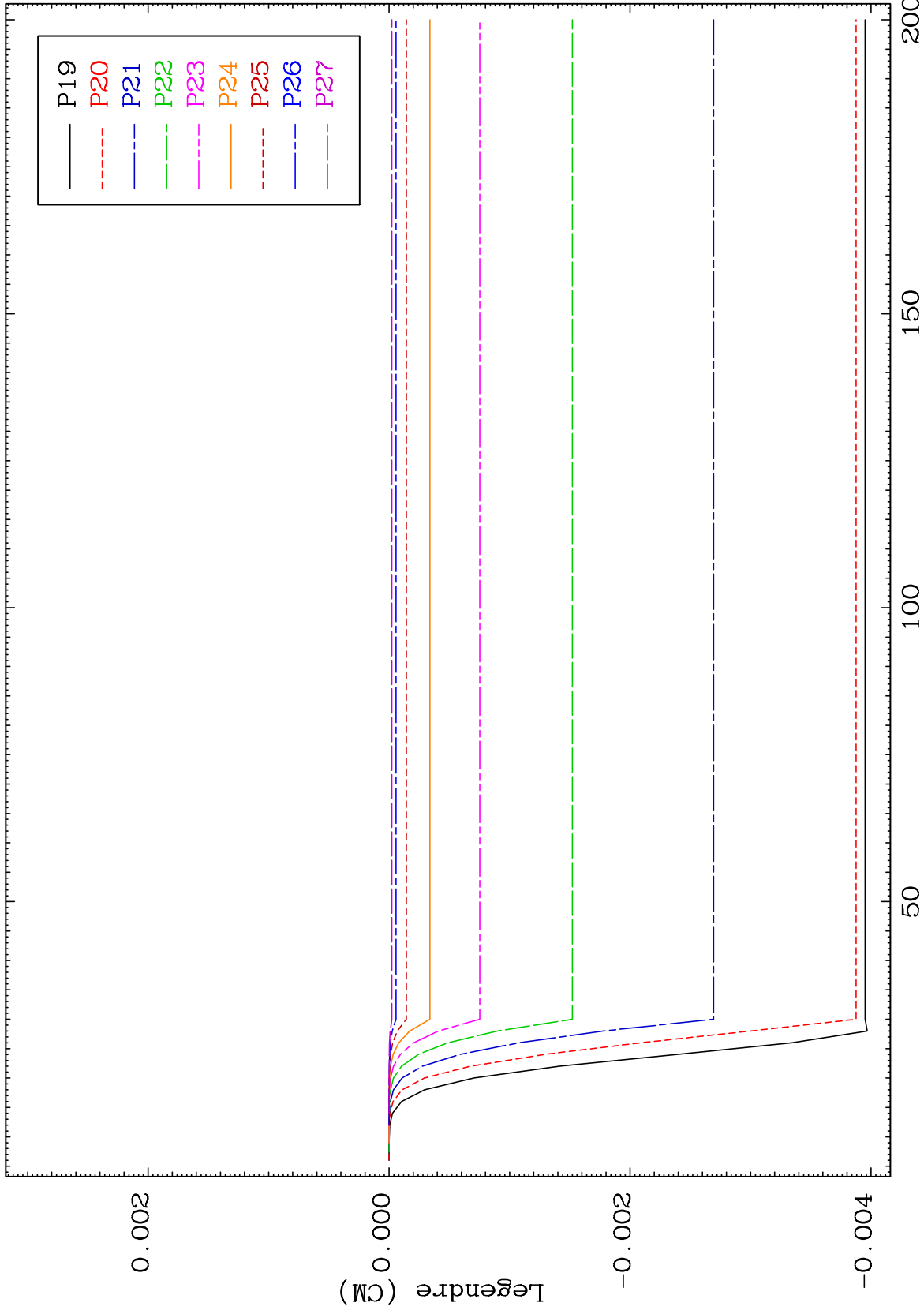
Incident Energy (MeV)

68-Er-147

MAT 6780

MT= 53 (n,n') Level  
Legendre Coefficients

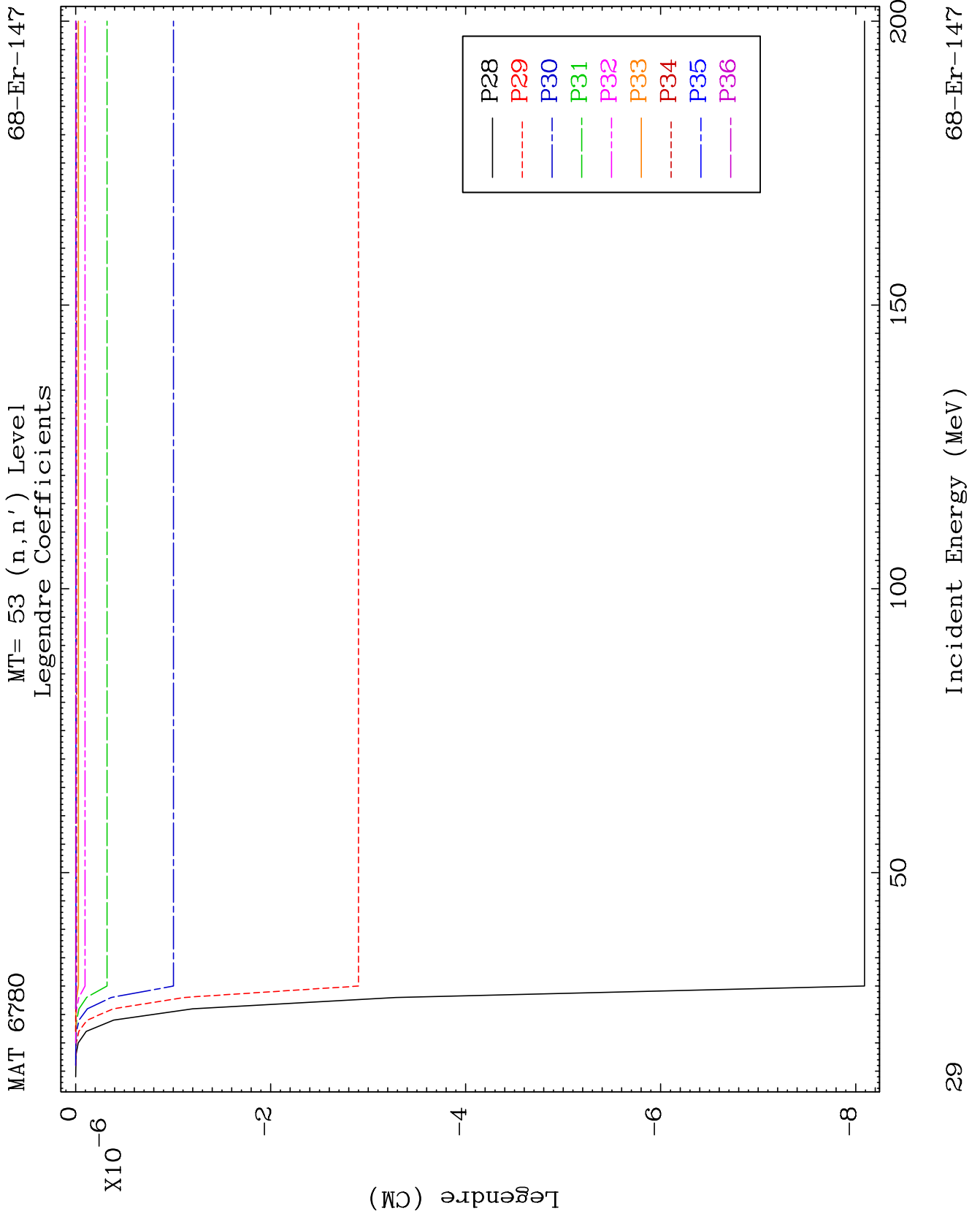
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Incident Energy (MeV)

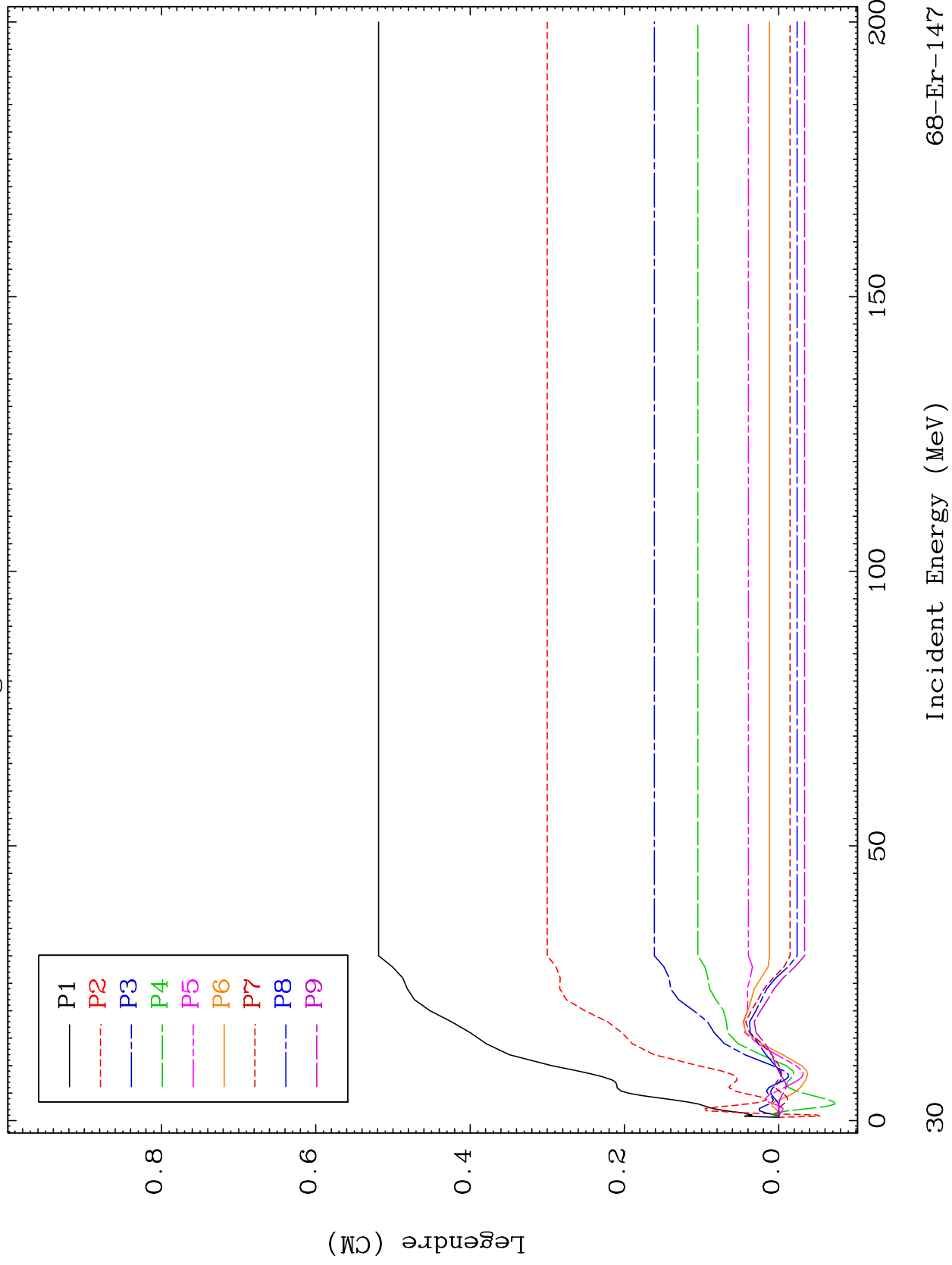
68-Er-147



MAT 6780

MT= 54 (n,n') Level  
Legendre Coefficients

68-Er-147



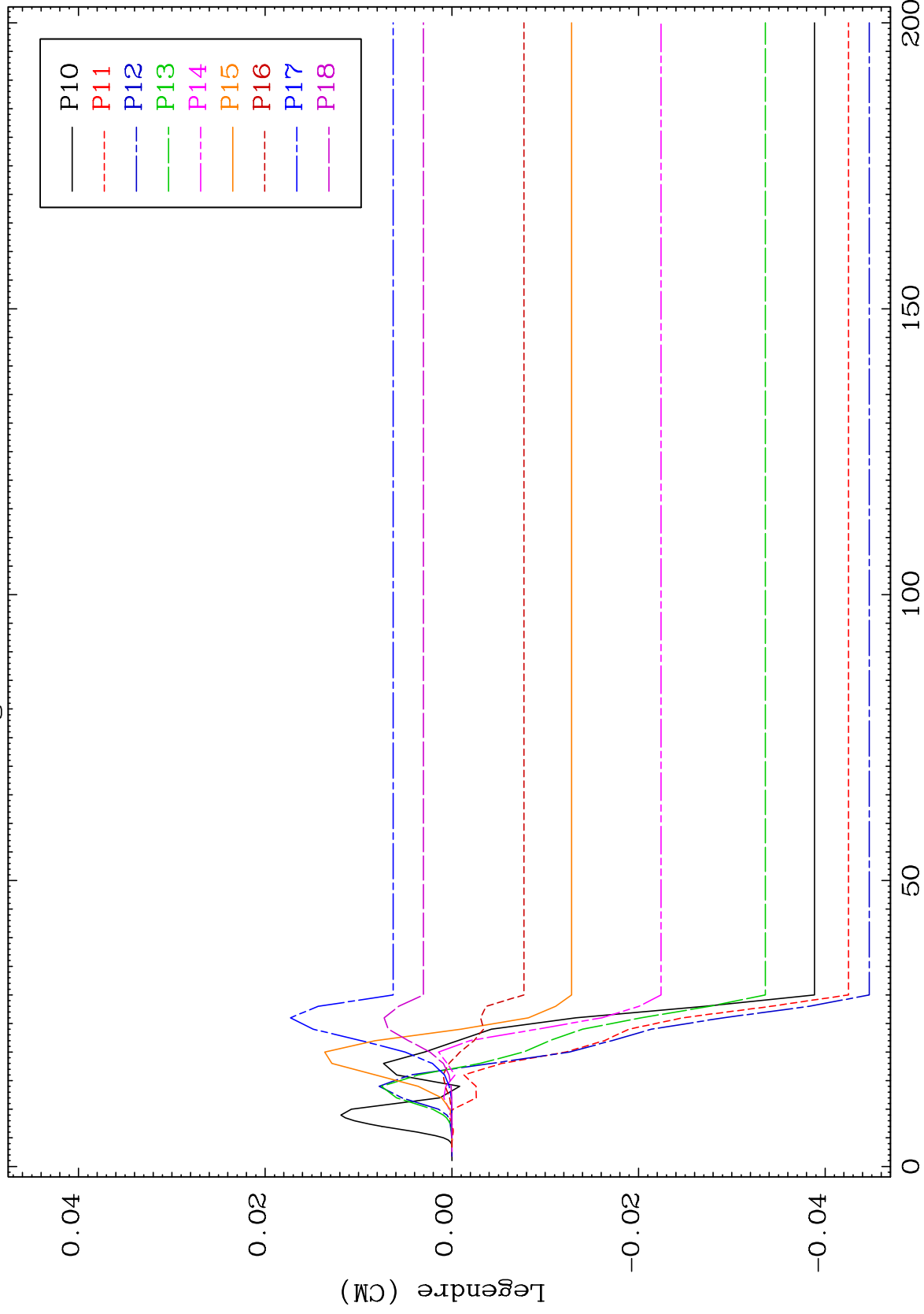
68-Er-147

Incident Energy (MeV)

MAT 6780

MT= 54 (n,n') Level  
Legendre Coefficients

68-Er-147

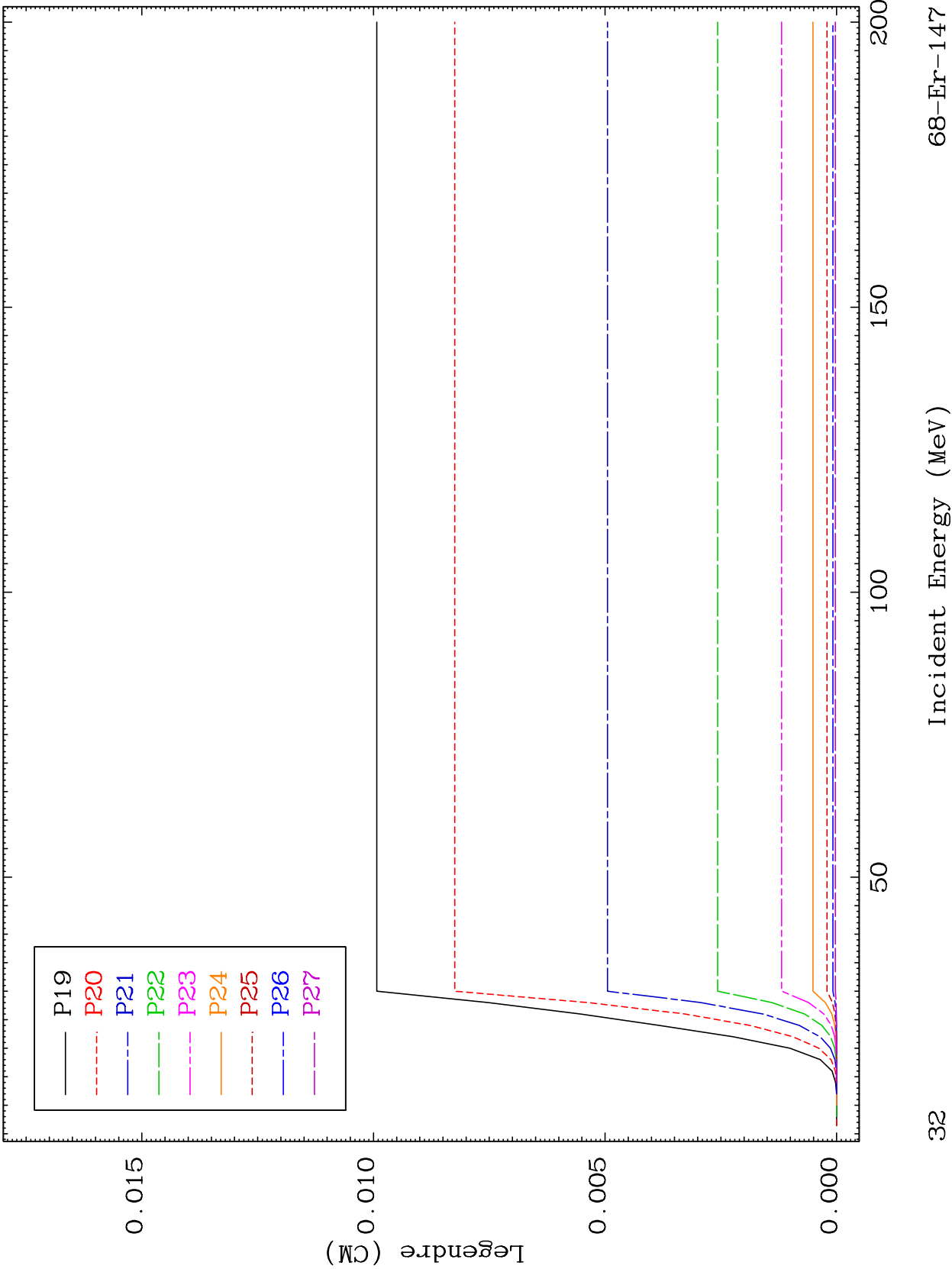


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Incident Energy (MeV)

68-Er-147

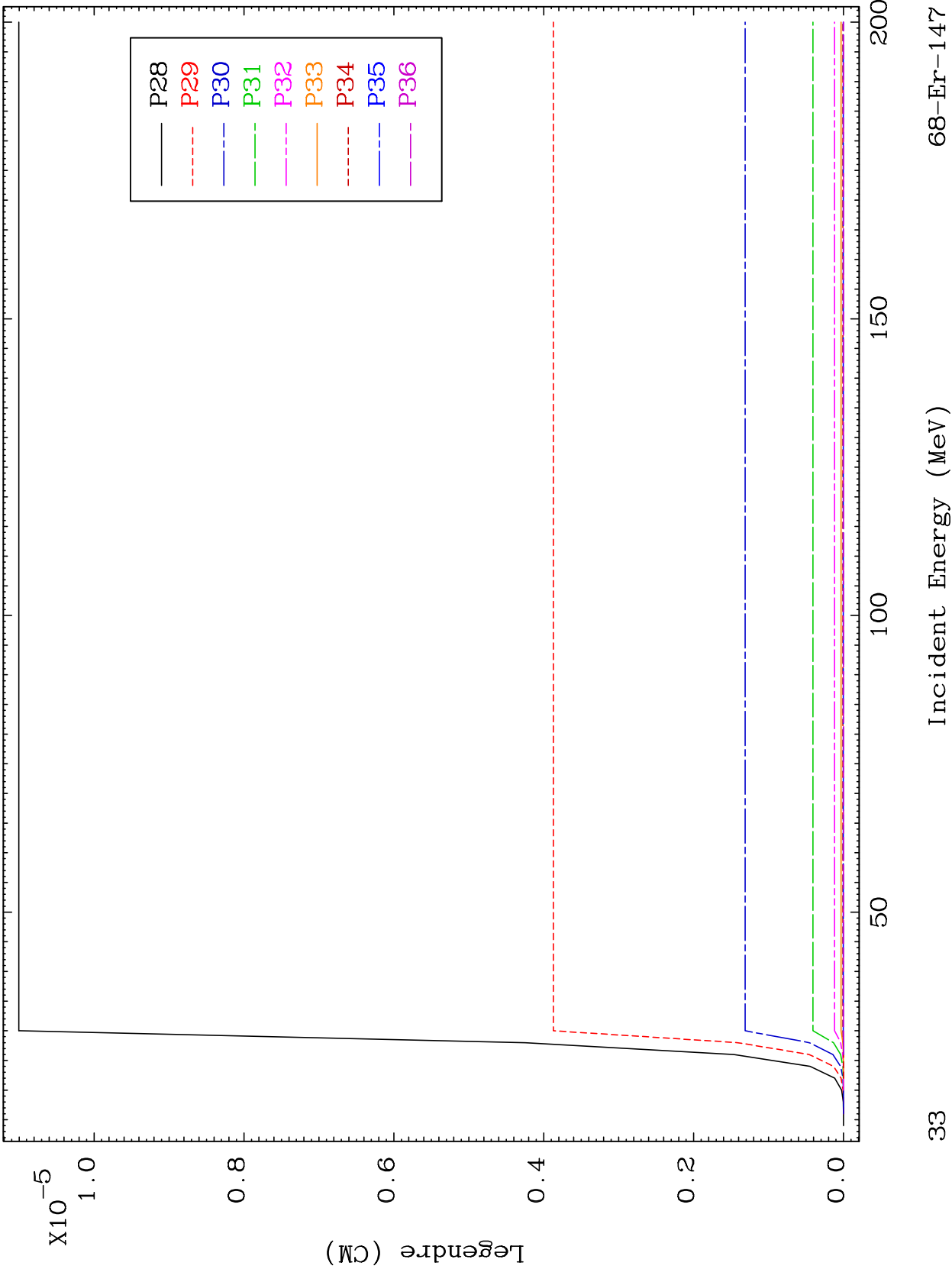




MAT 6780

MT= 54 (n,n') Level  
Legendre Coefficients

68-Er-147



33

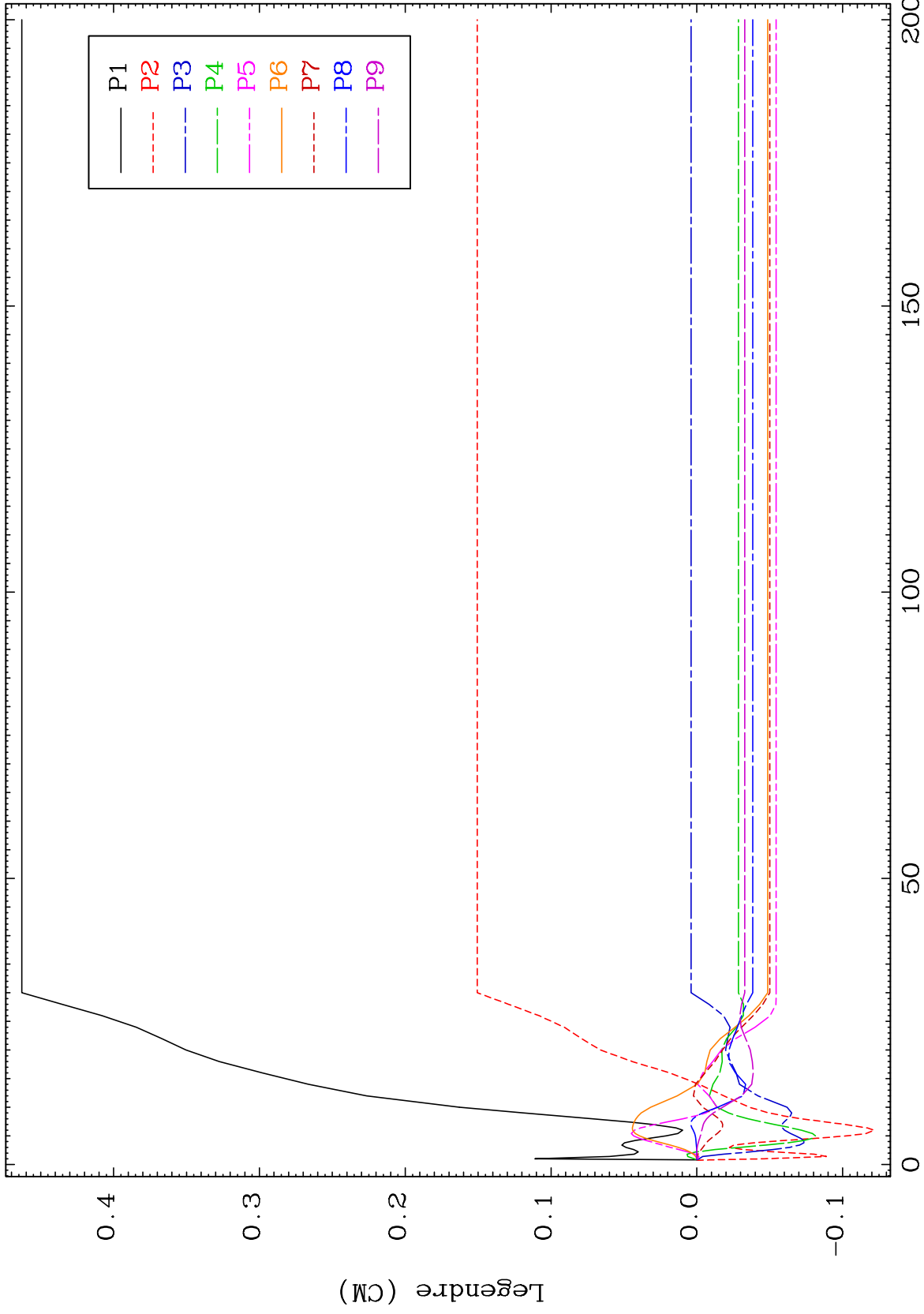
Incident Energy (MeV)

68-Er-147

MAT 6780

MT= 55 (n,n') Level  
Legendre Coefficients

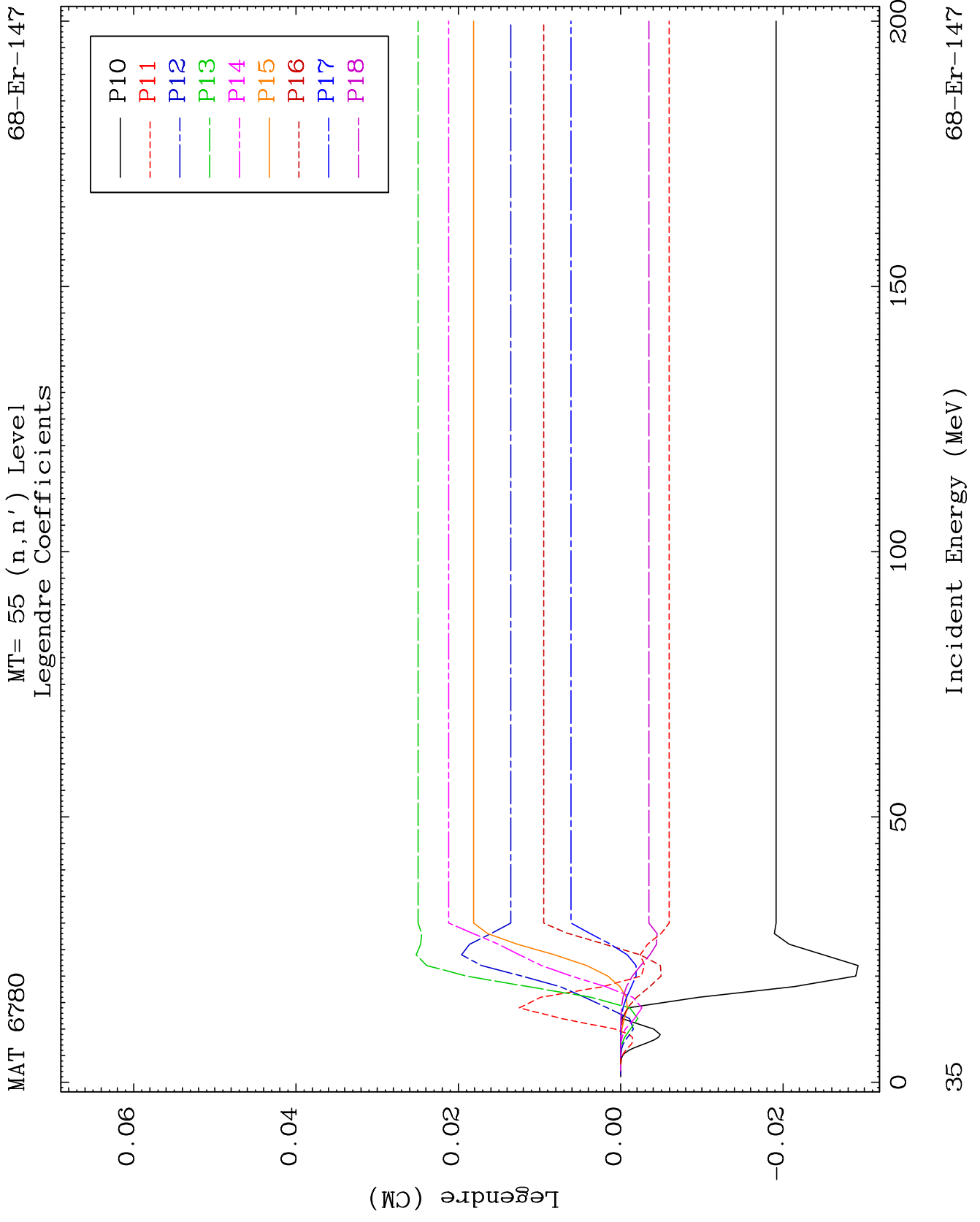
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34

Incident Energy (MeV)

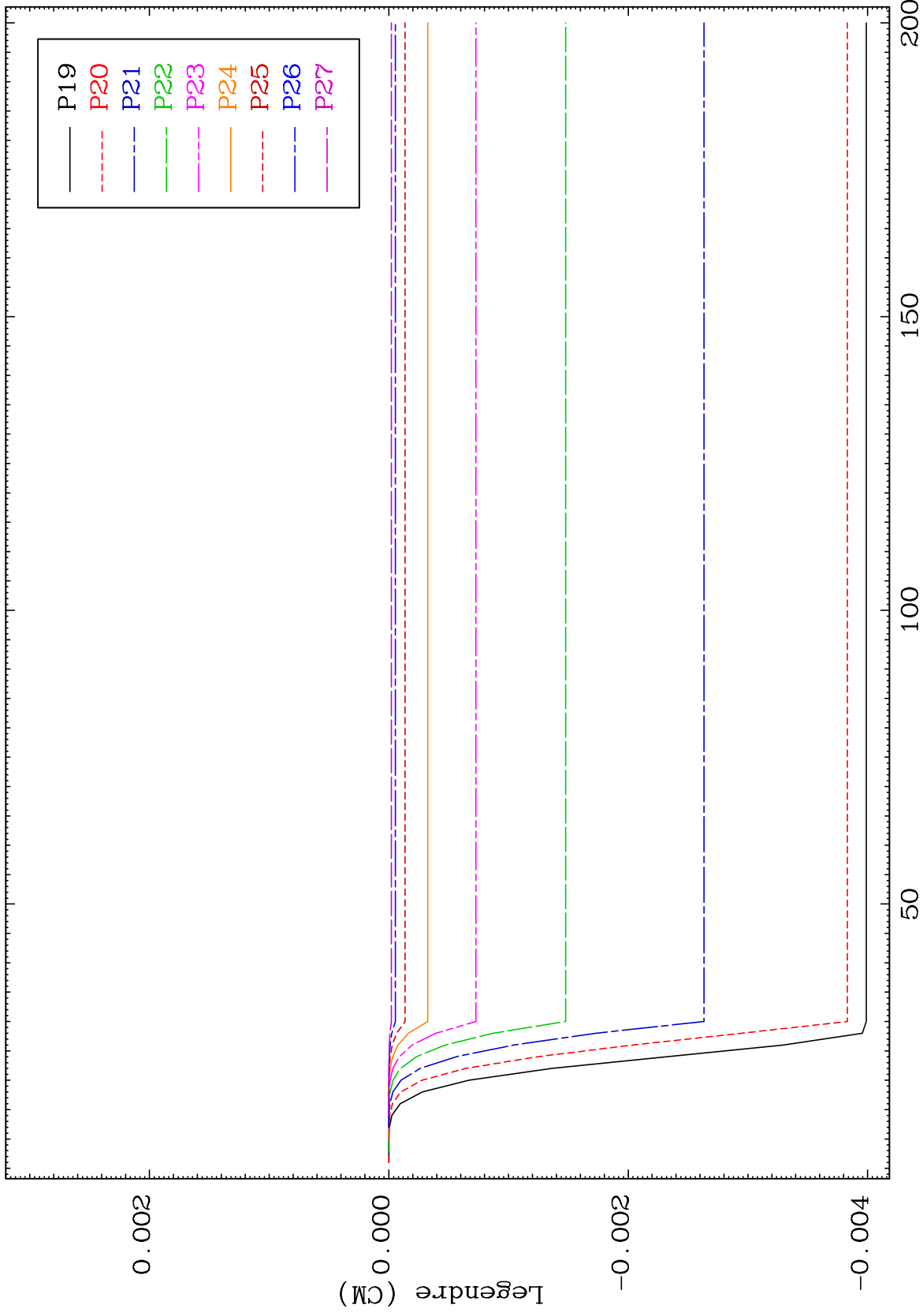
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MAT 6780

MT= 55 (n,n') Level  
Legendre Coefficients

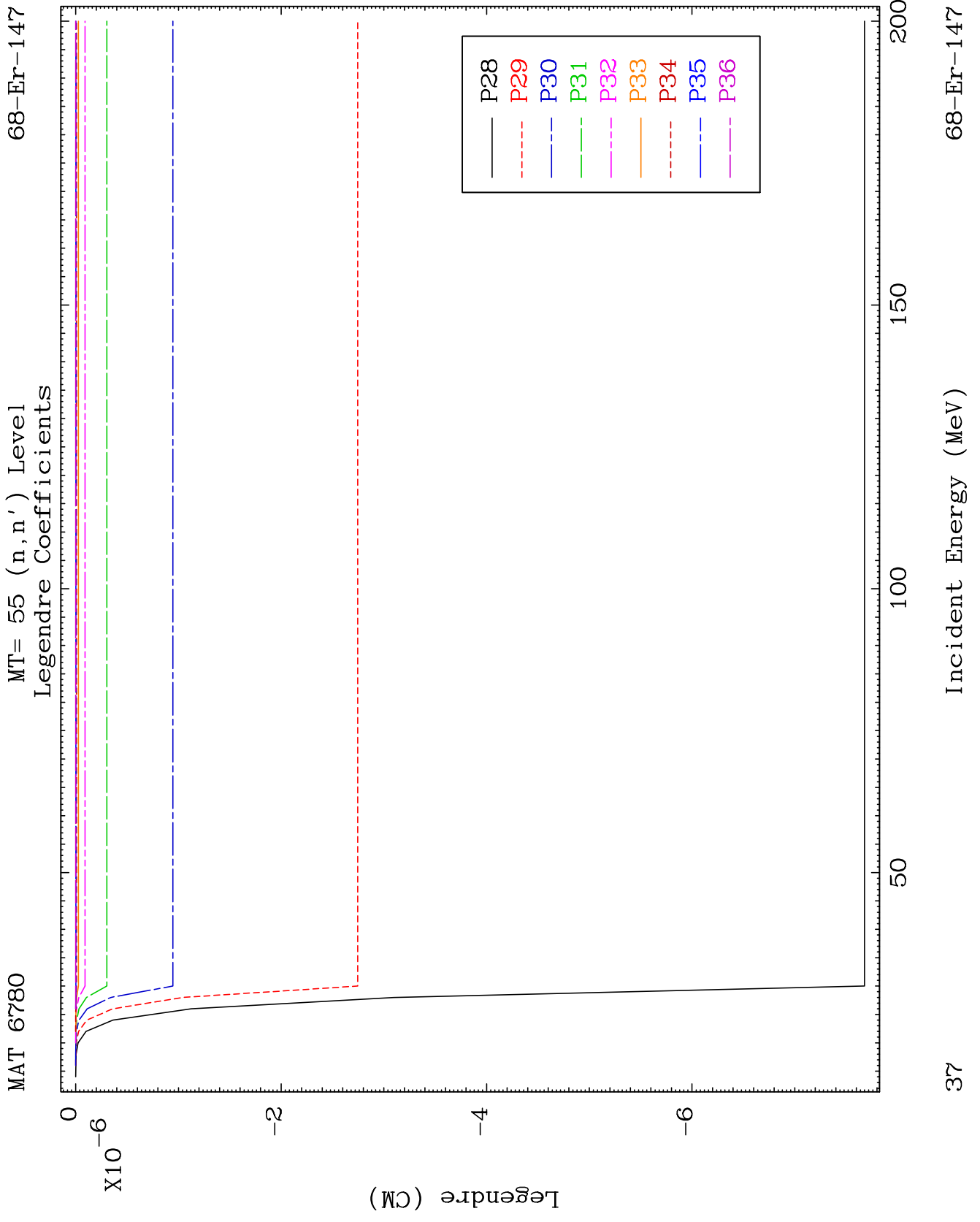
68-Er-147



36

Incident Energy (MeV)

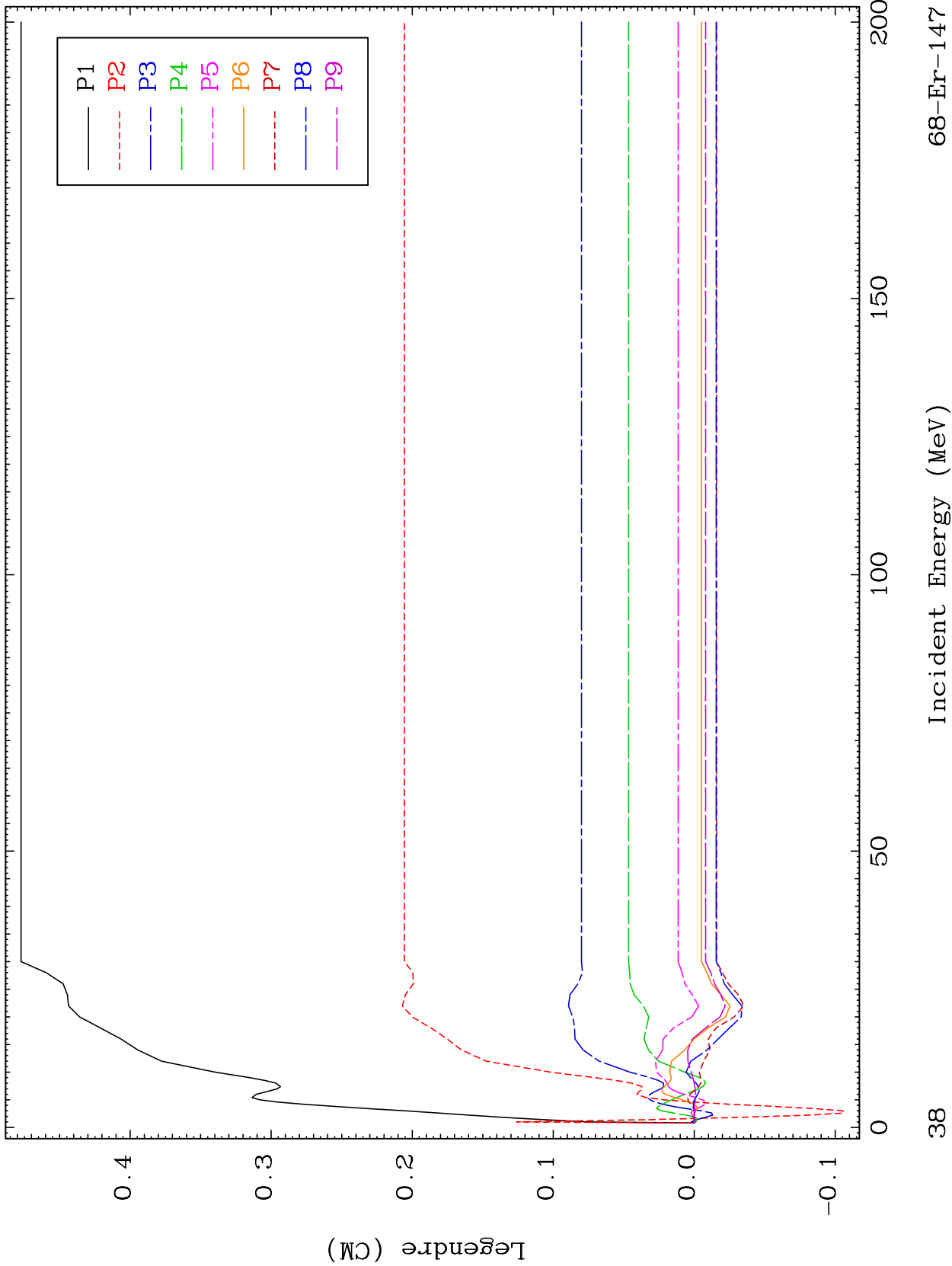
68-Er-147



MAT 6780

MT= 56 (n,n') Level  
Legendre Coefficients

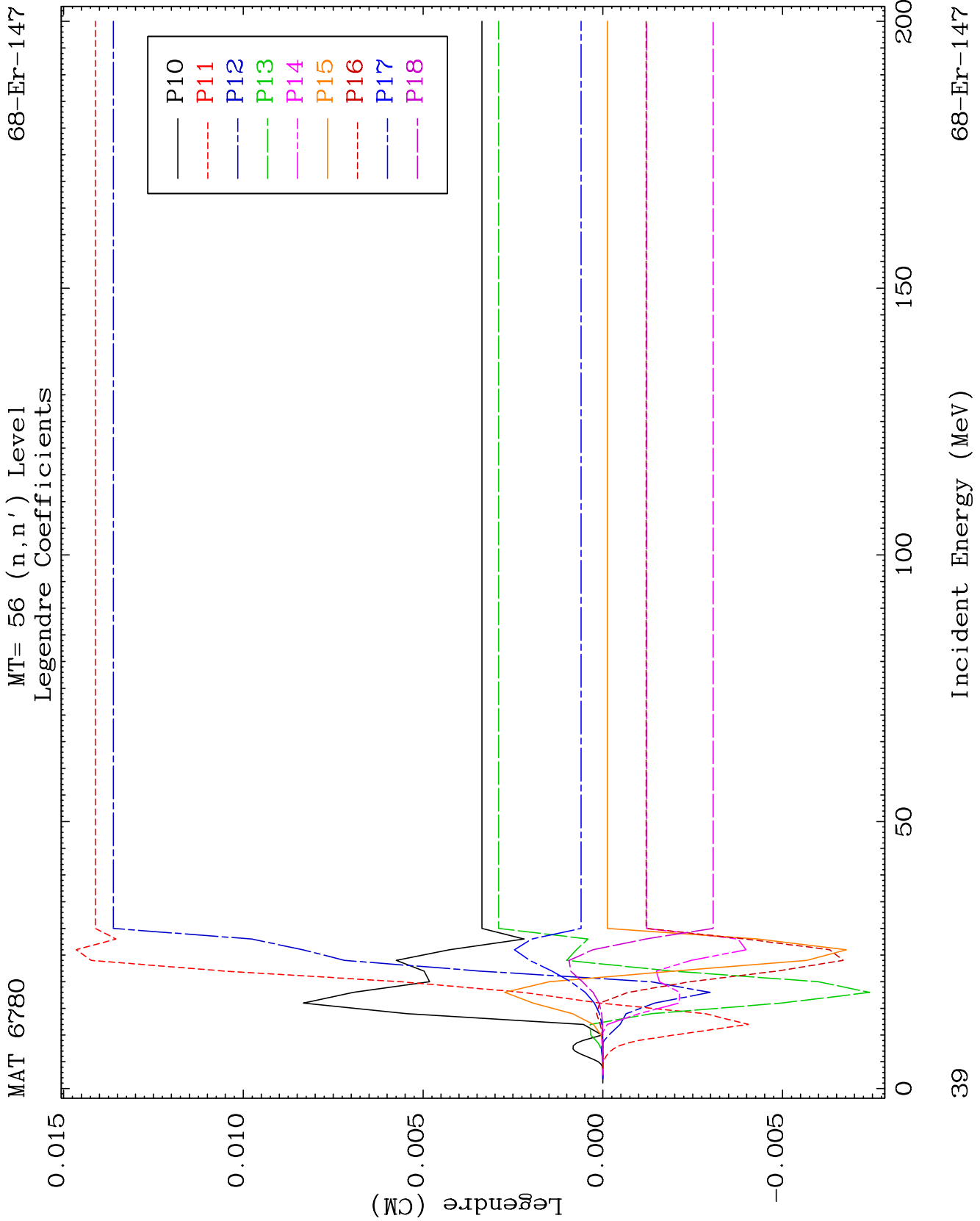
68-Er-147



68-Er-147

Incident Energy (MeV)

38

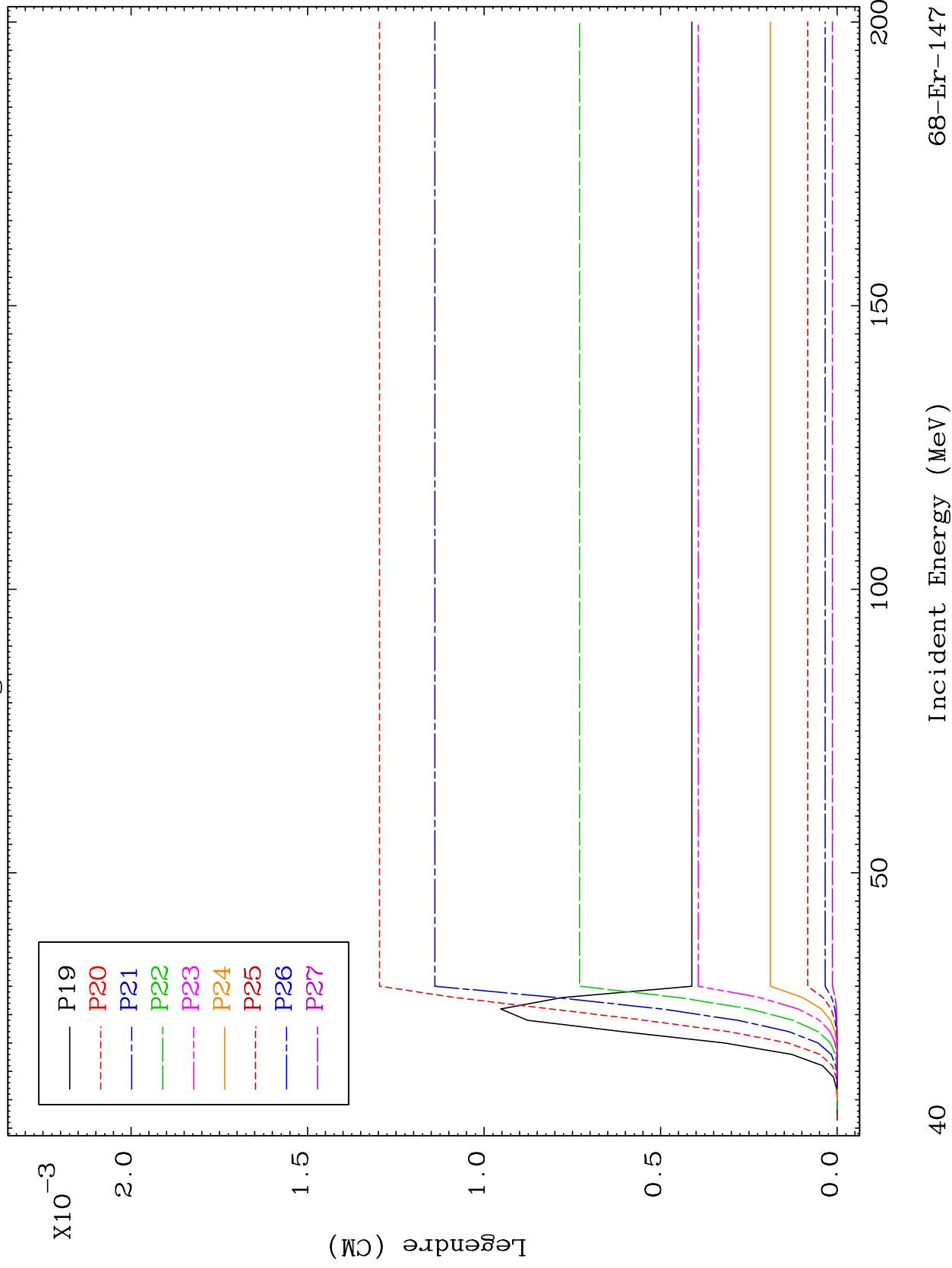




MAT 6780

MT= 56 (n,n') Level  
Legendre Coefficients

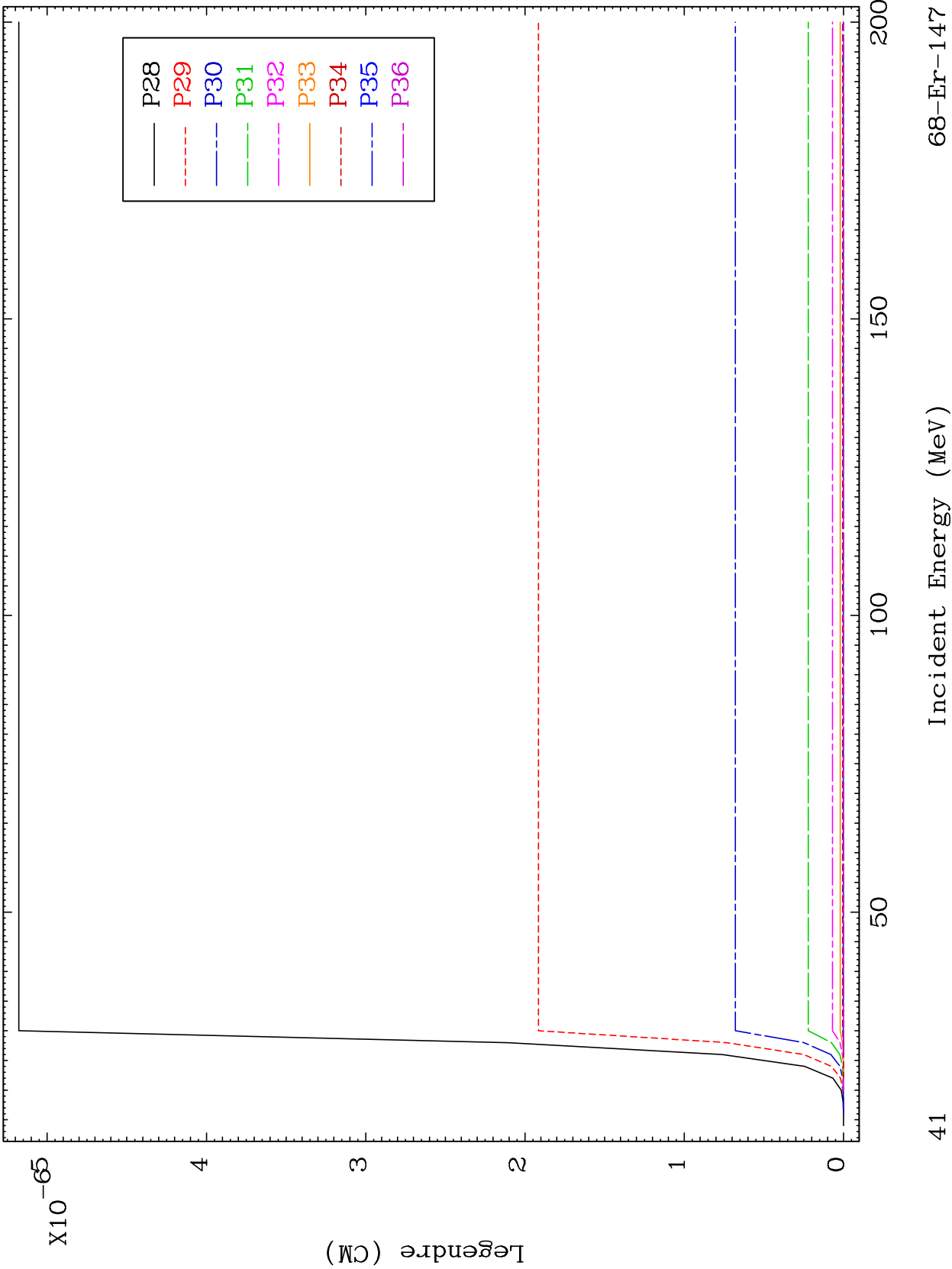
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MAT 6780

MT= 56 (n,n') Level  
Legendre Coefficients

68-Er-147



41

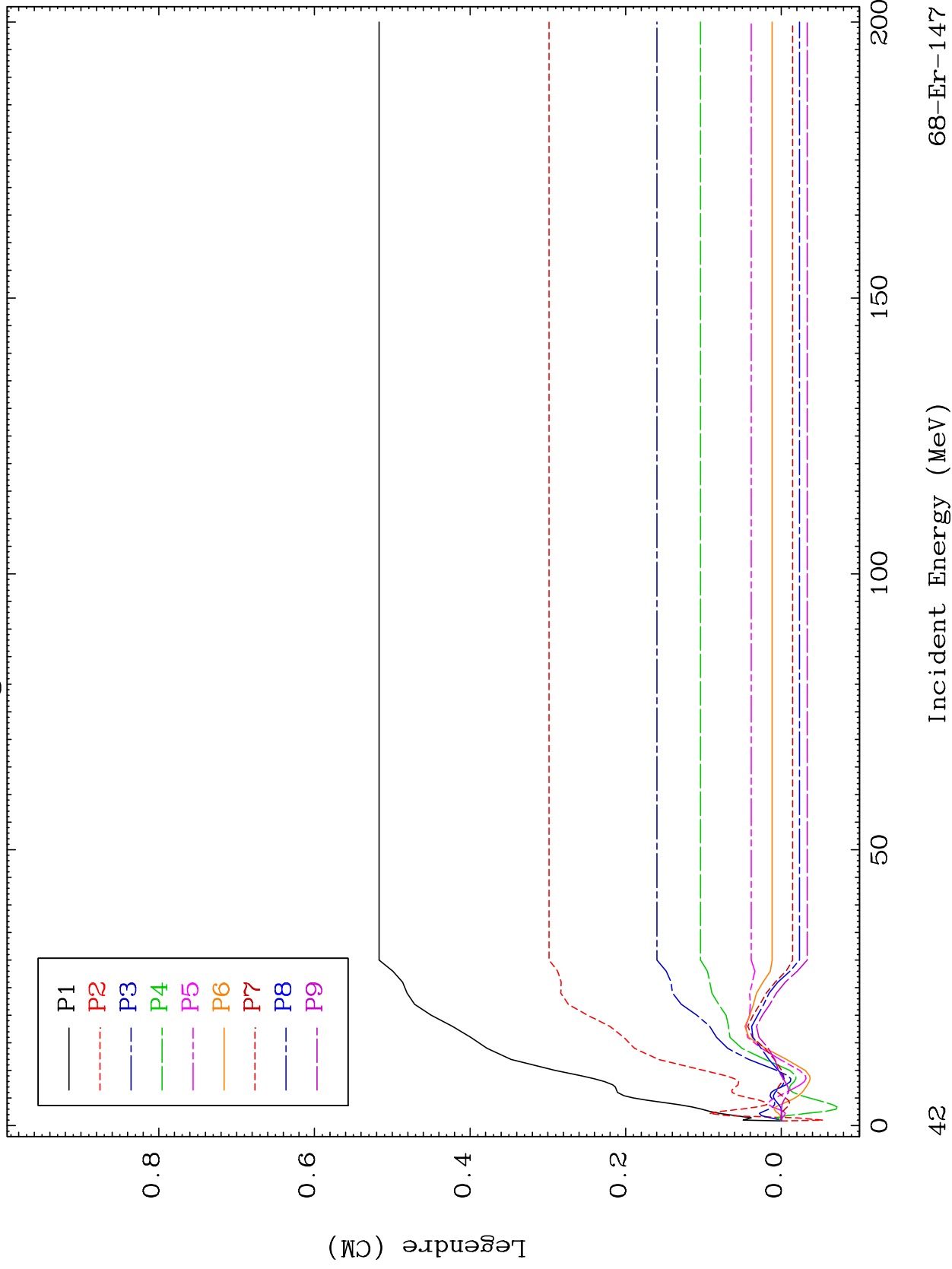
Incident Energy (MeV)

68-Er-147

MAT 6780

MT= 57 (n,n') Level  
Legendre Coefficients

68-Er-147



68-Er-147

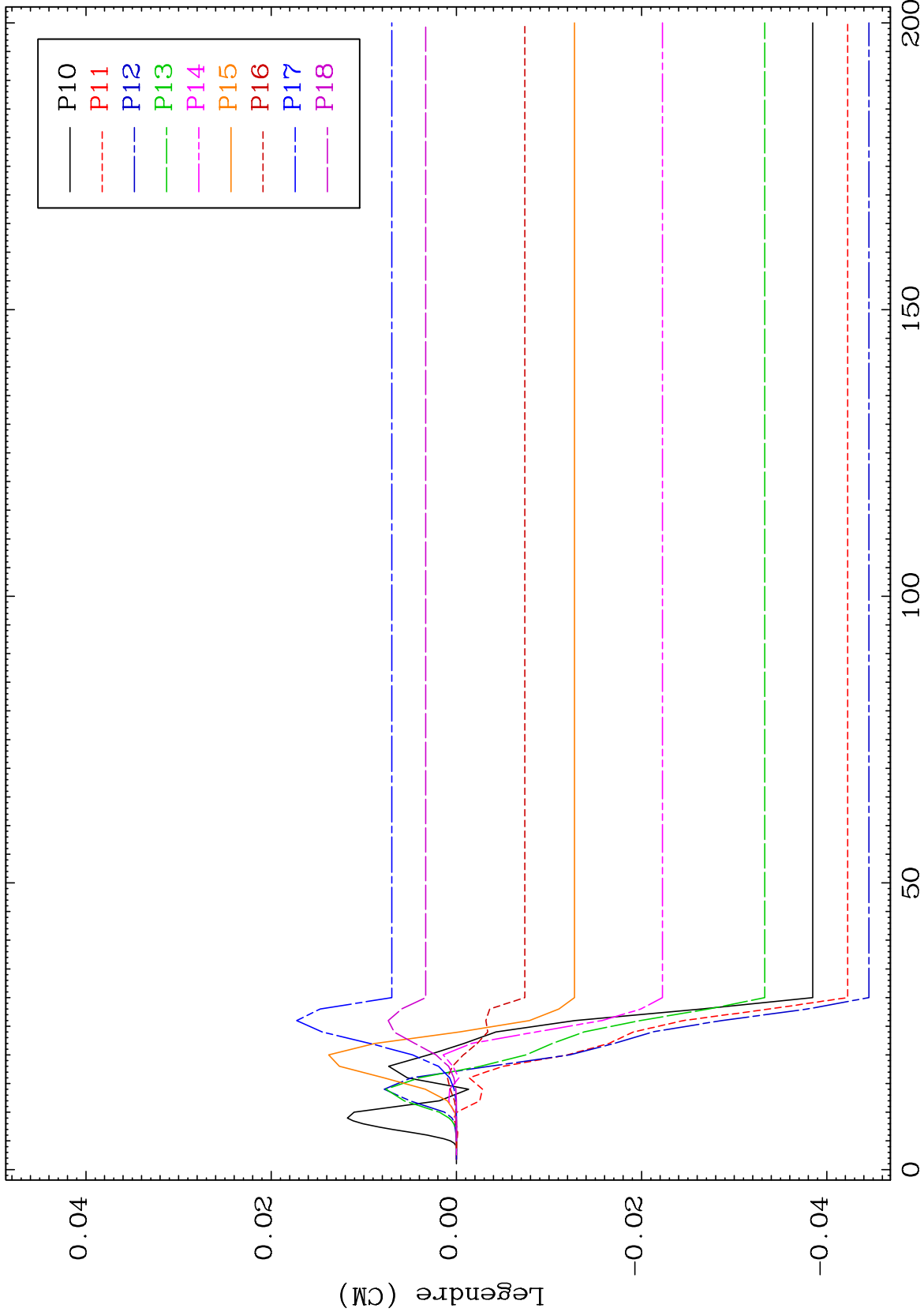
Incident Energy (MeV)

42

MAT 6780

MT= 57 (n,n') Level  
Legendre Coefficients

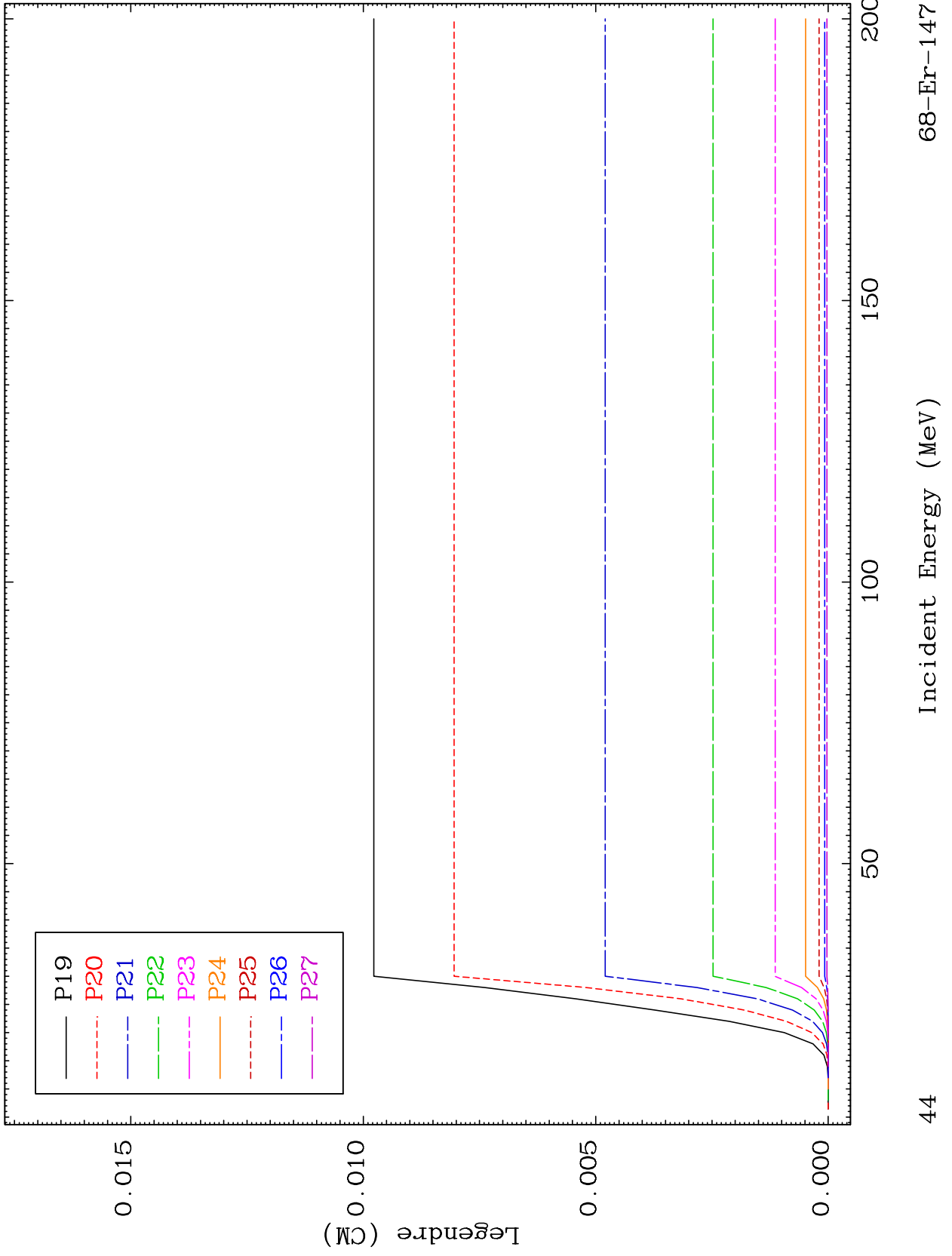
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43

Incident Energy (MeV)

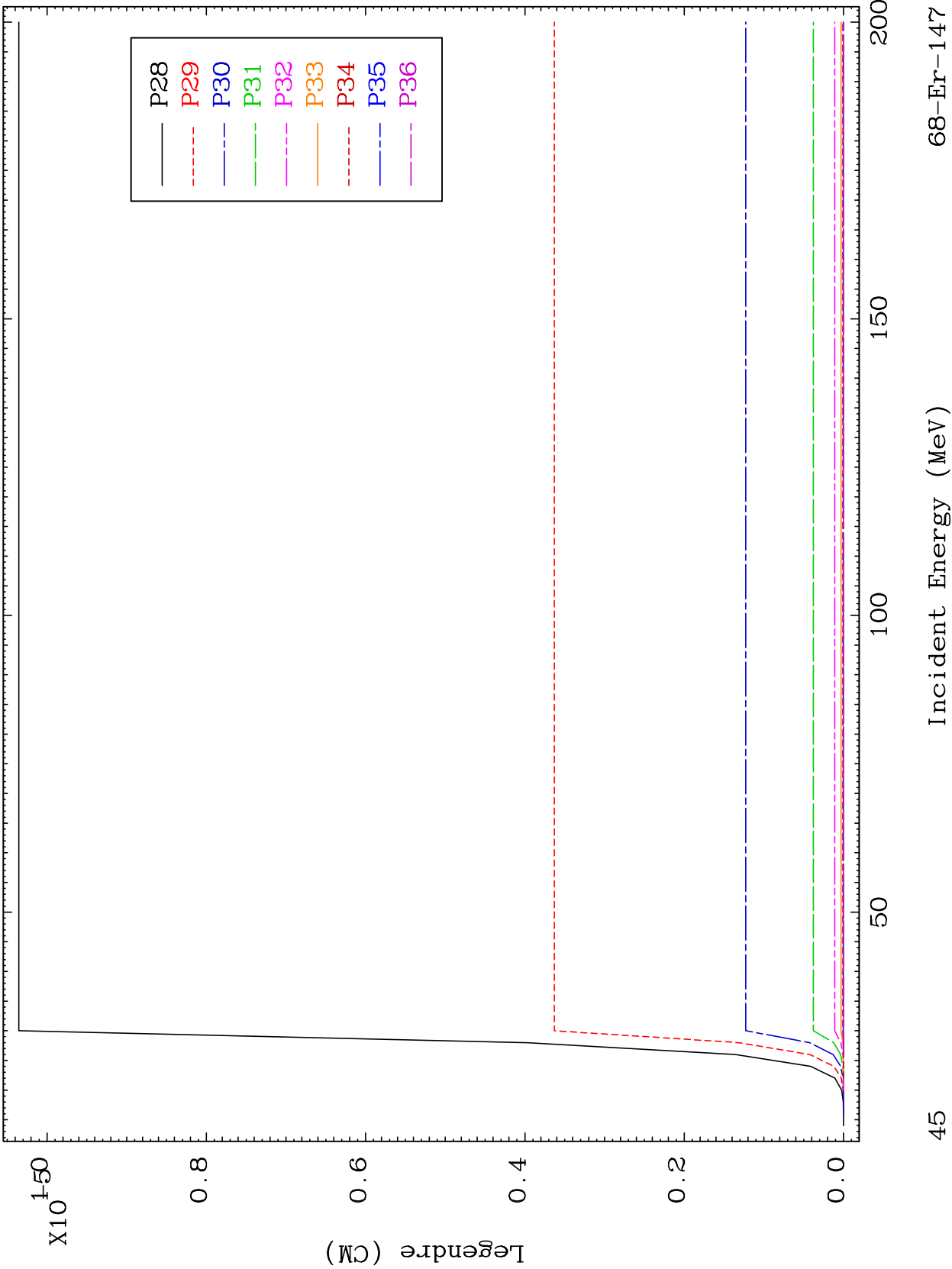
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MAT 6780

MT= 57 (n,n') Level  
Legendre Coefficients

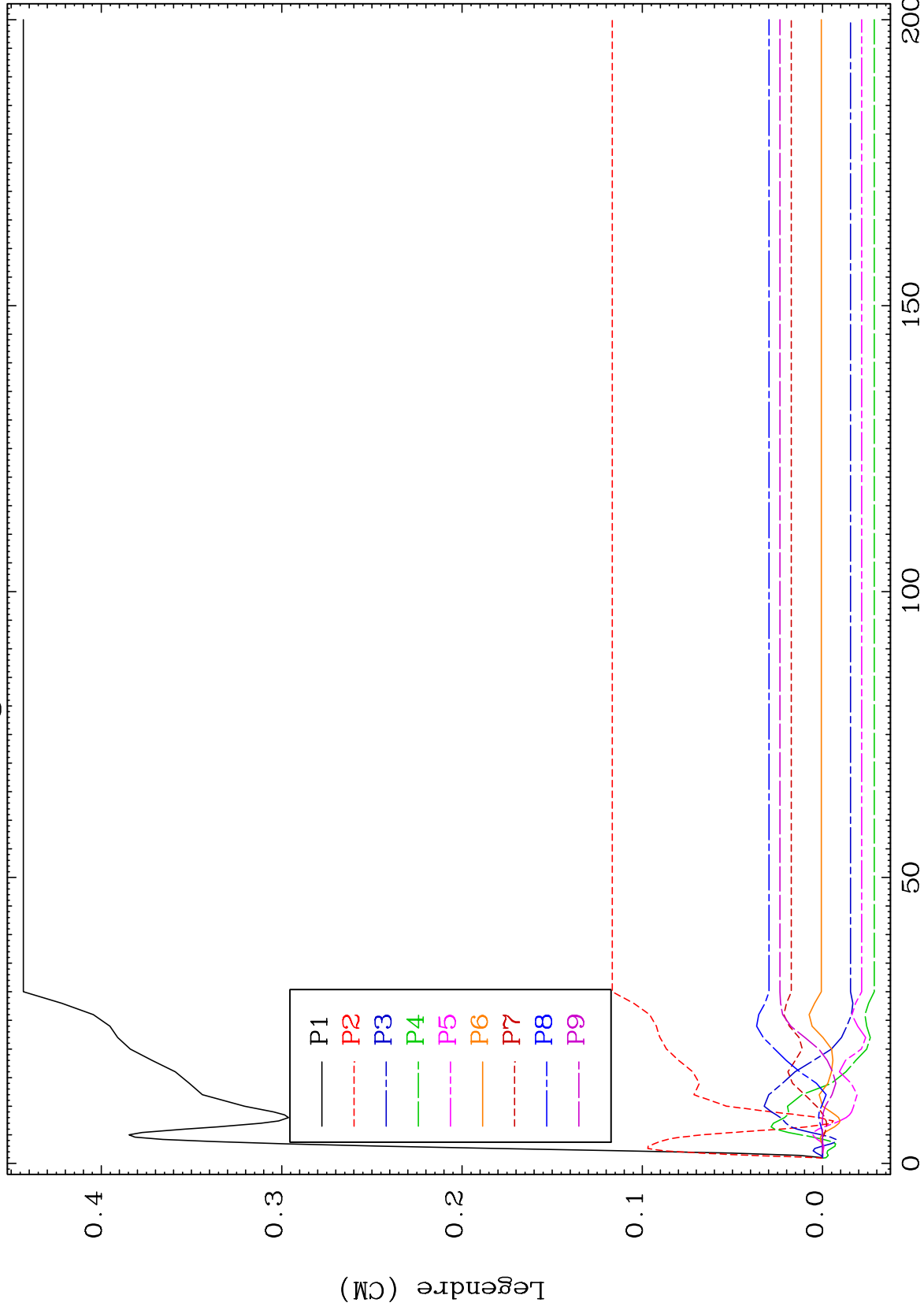
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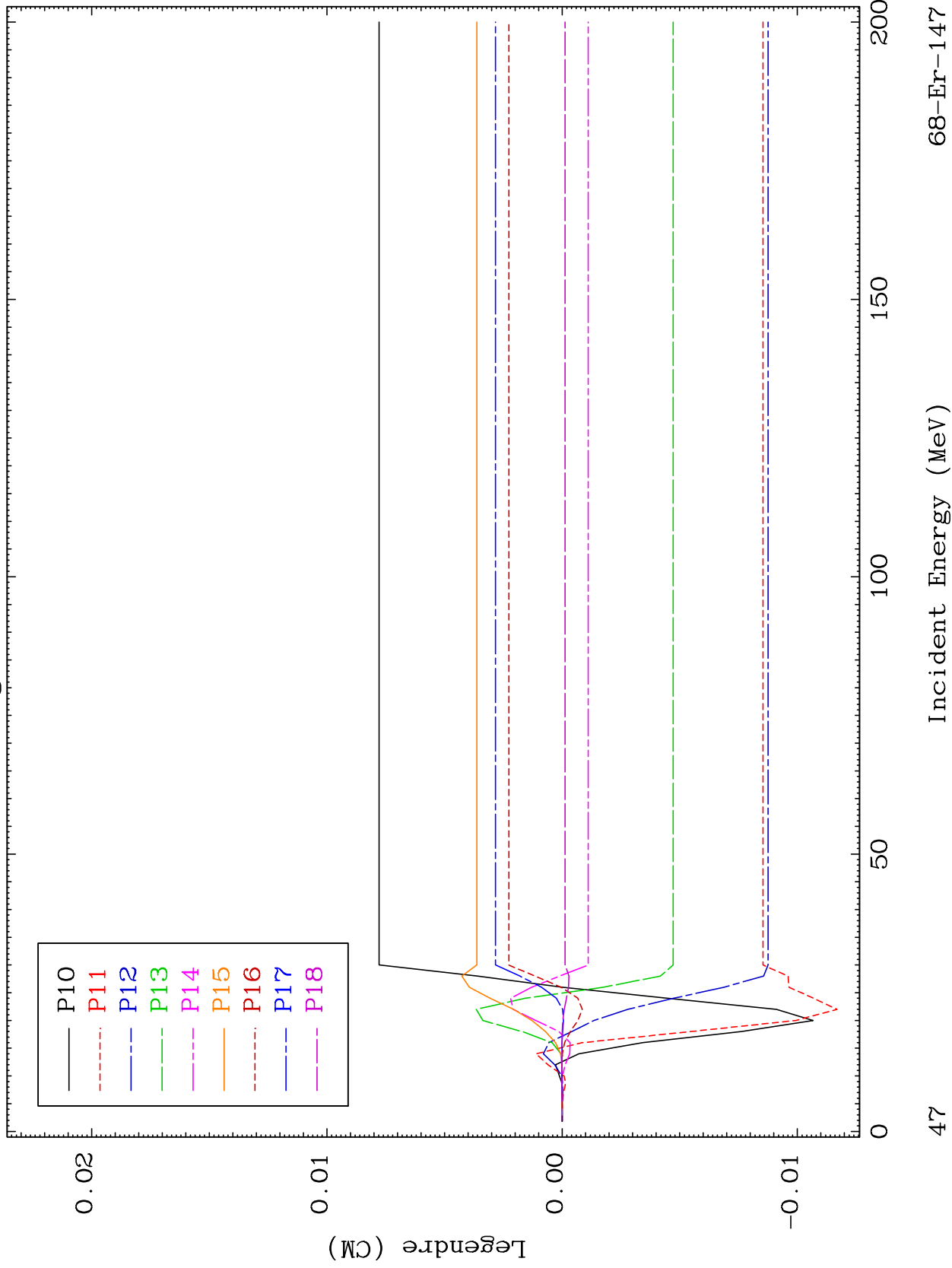


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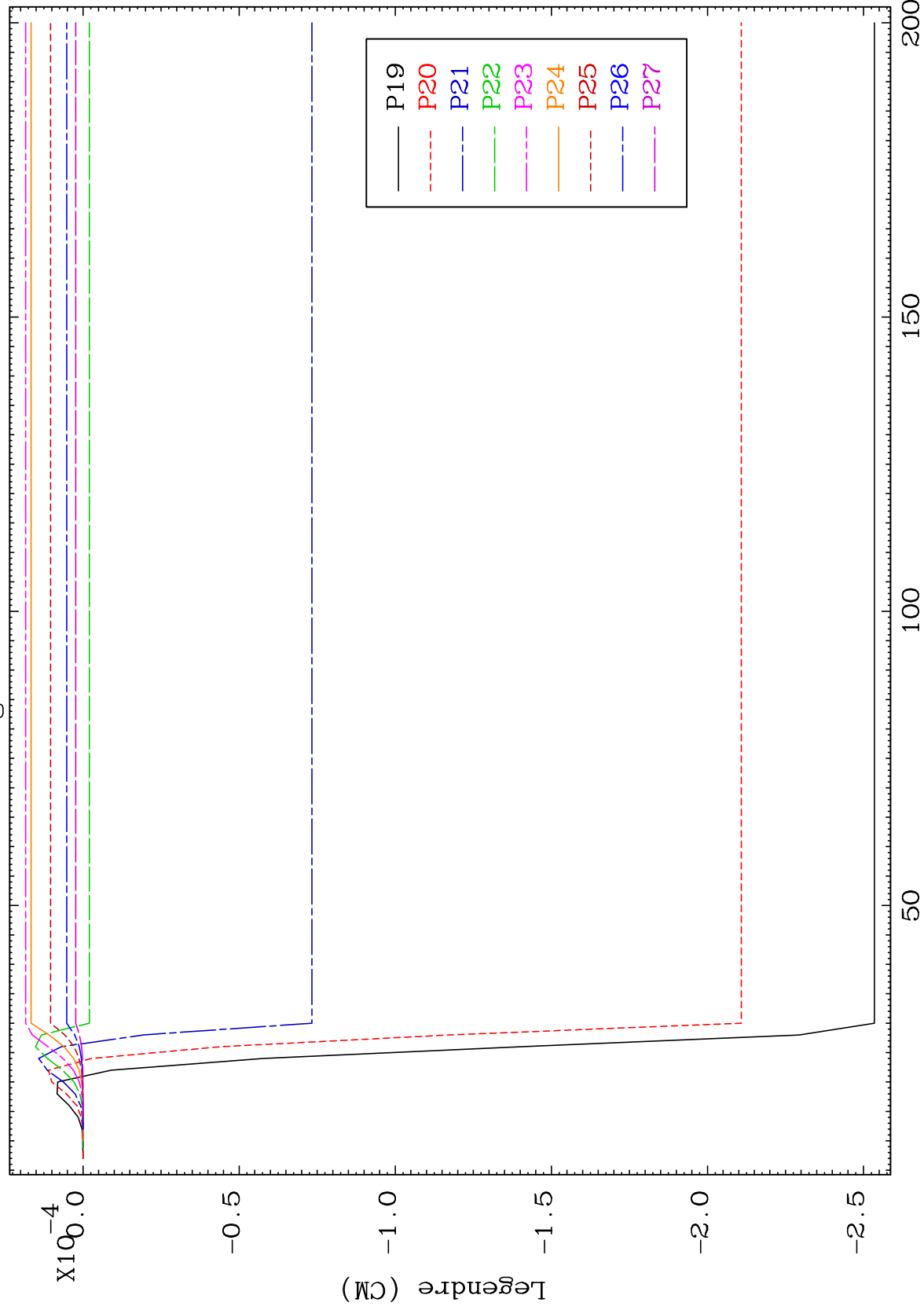
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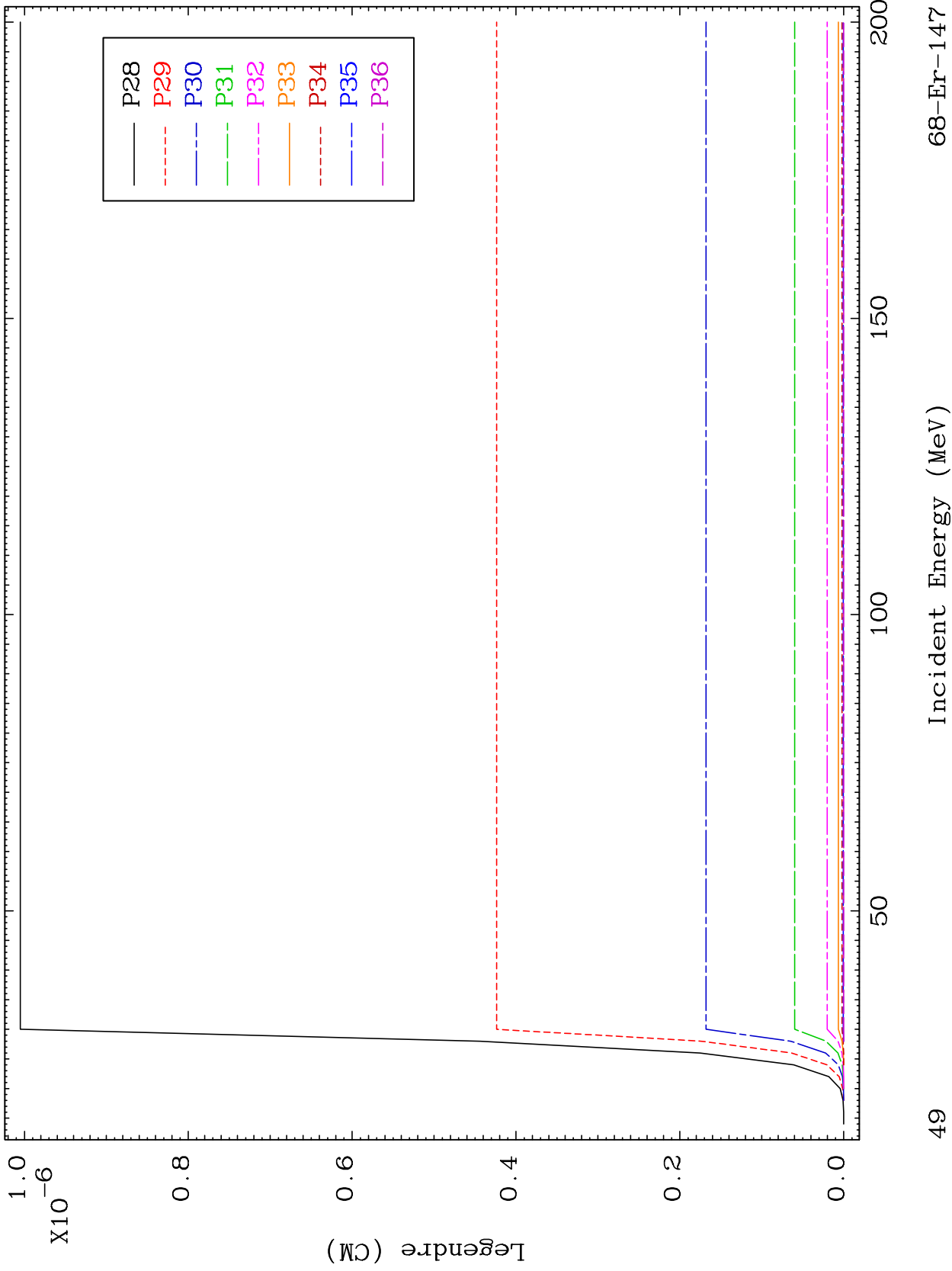
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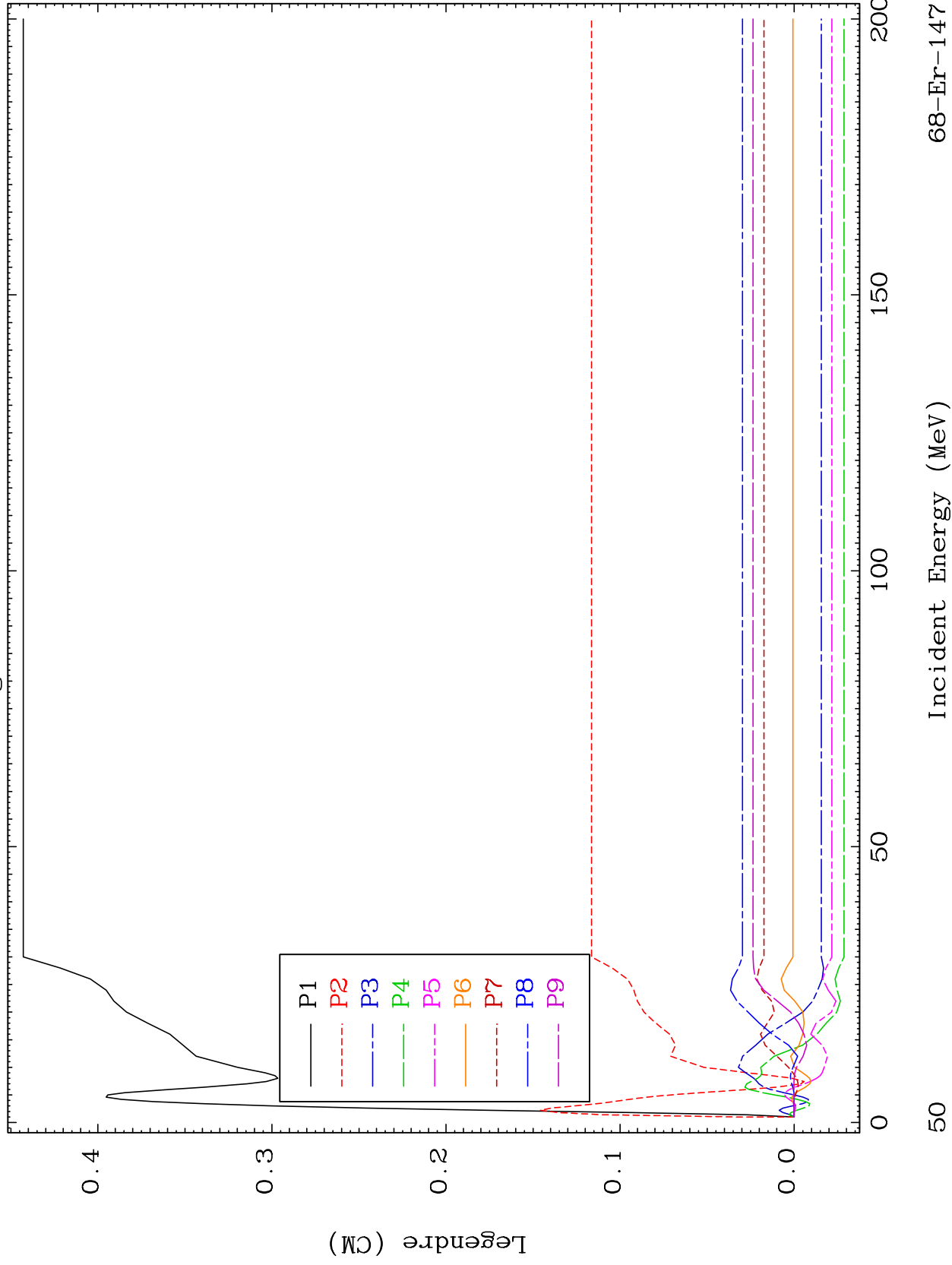




MAT 6780

MT= 59 (n,n') Level  
Legendre Coefficients

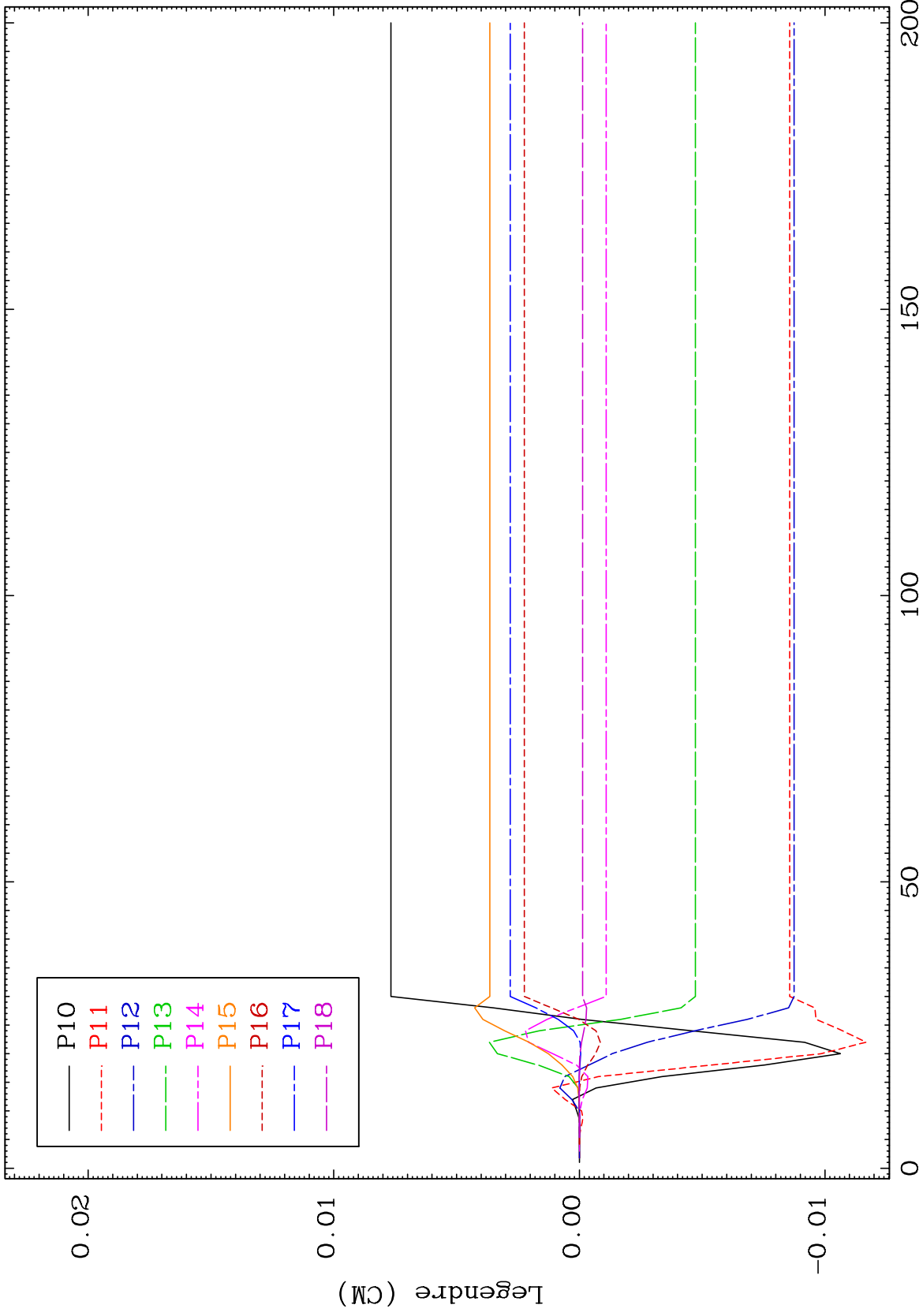
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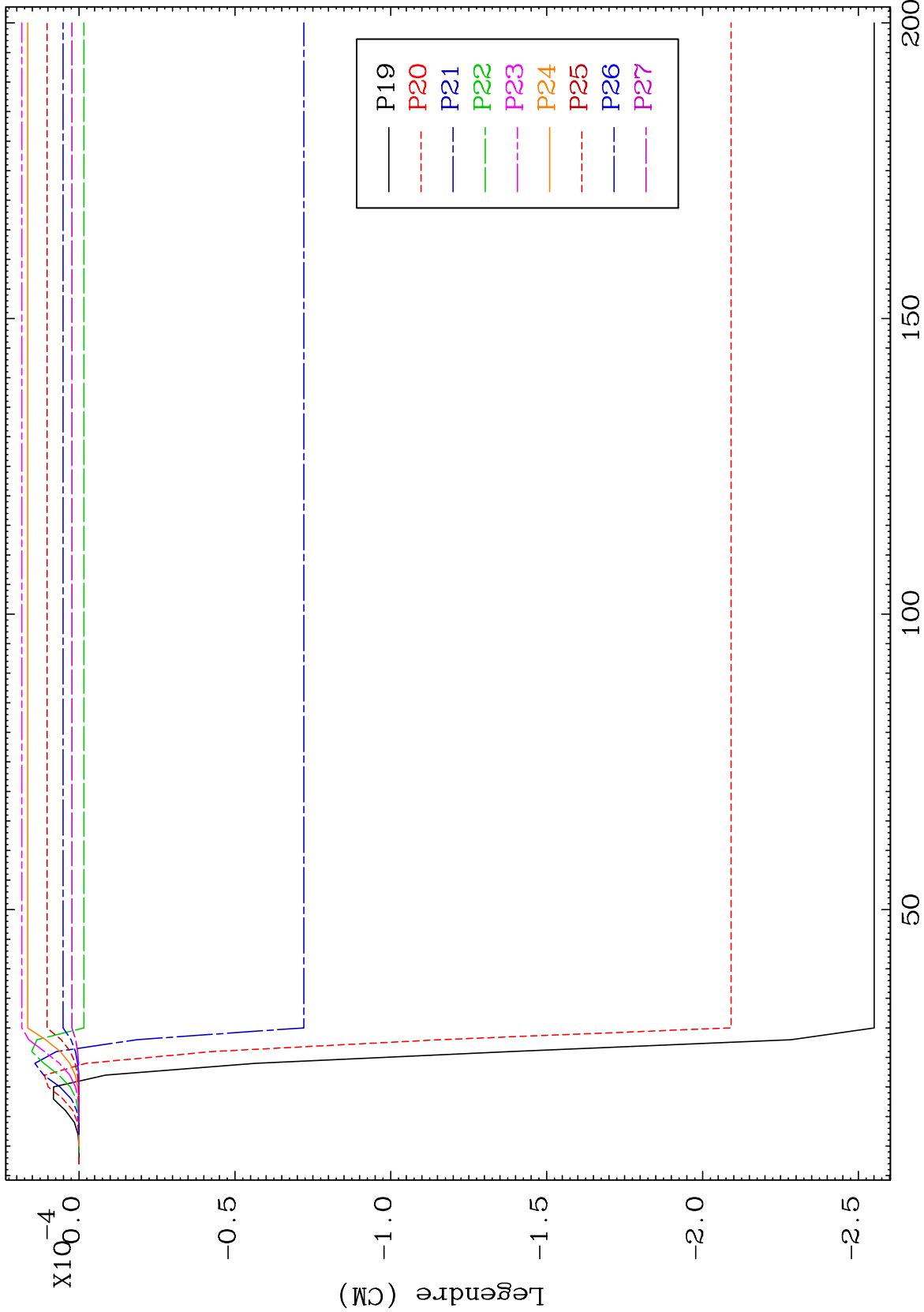


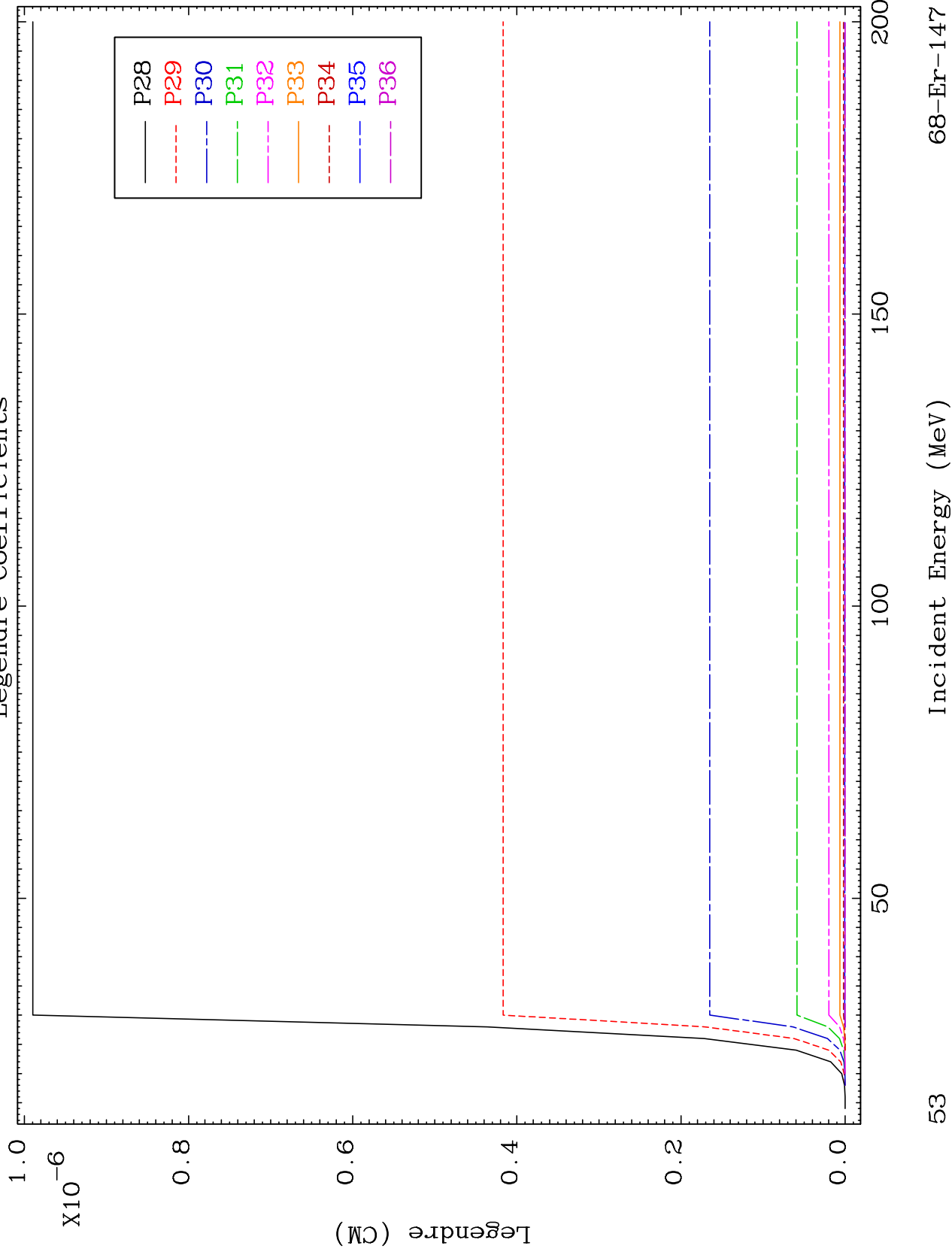
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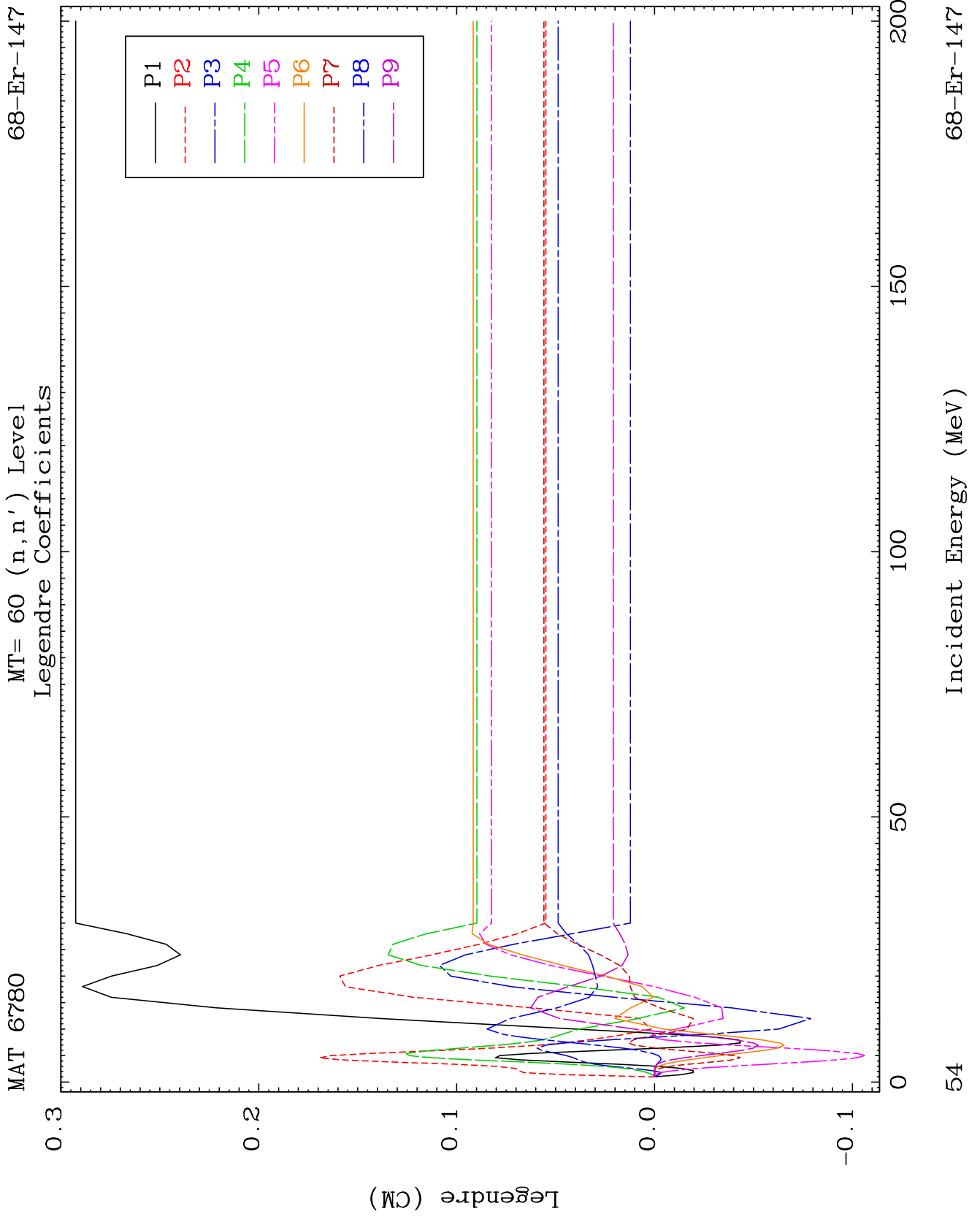
Incident Energy (MeV)

50





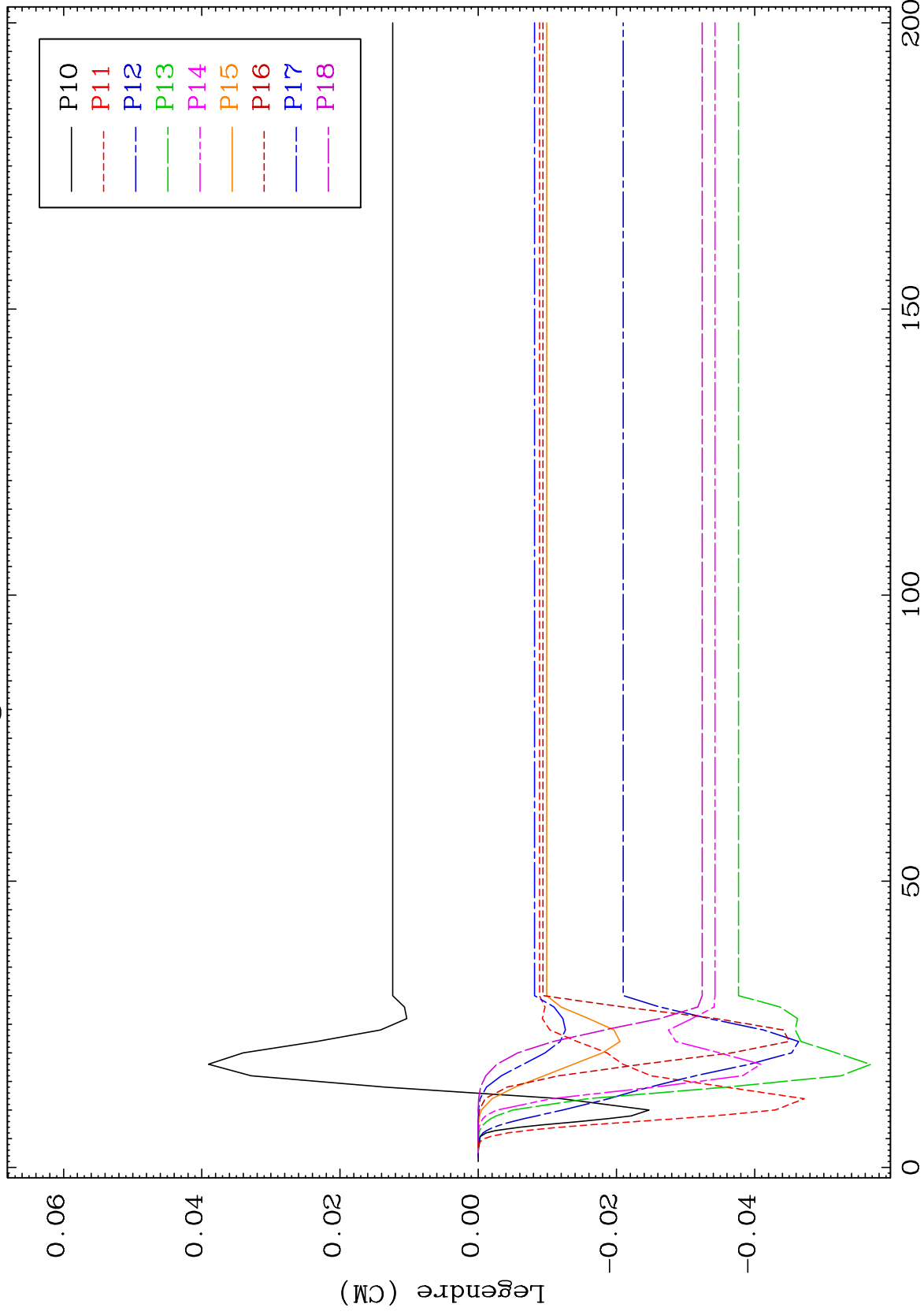




MAT 6780

MT= 60 (n,n') Level  
Legendre Coefficients

68-Er-147



55

Incident Energy (MeV)

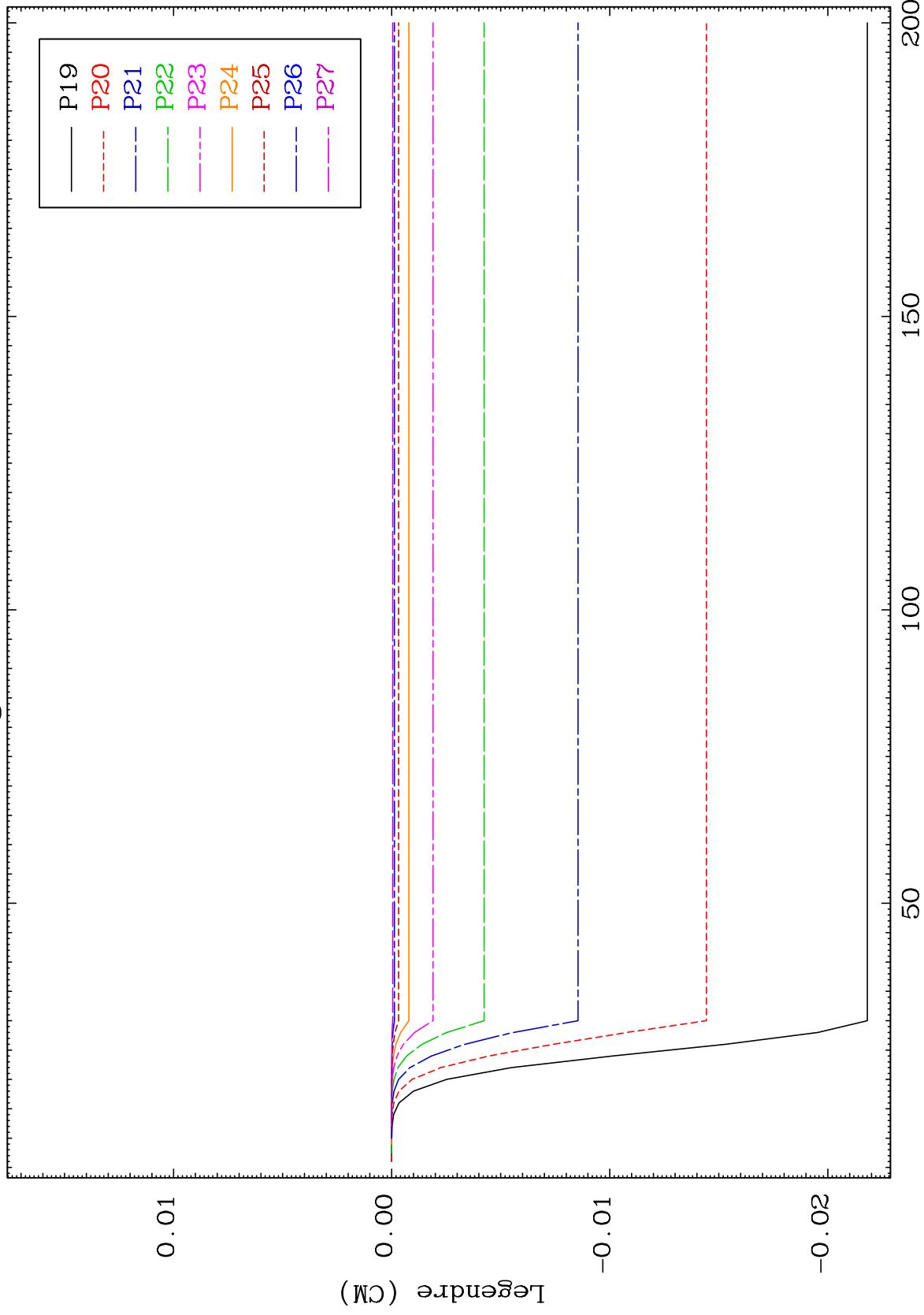
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MAT 6780

MT= 60 (n,n') Level  
Legendre Coefficients

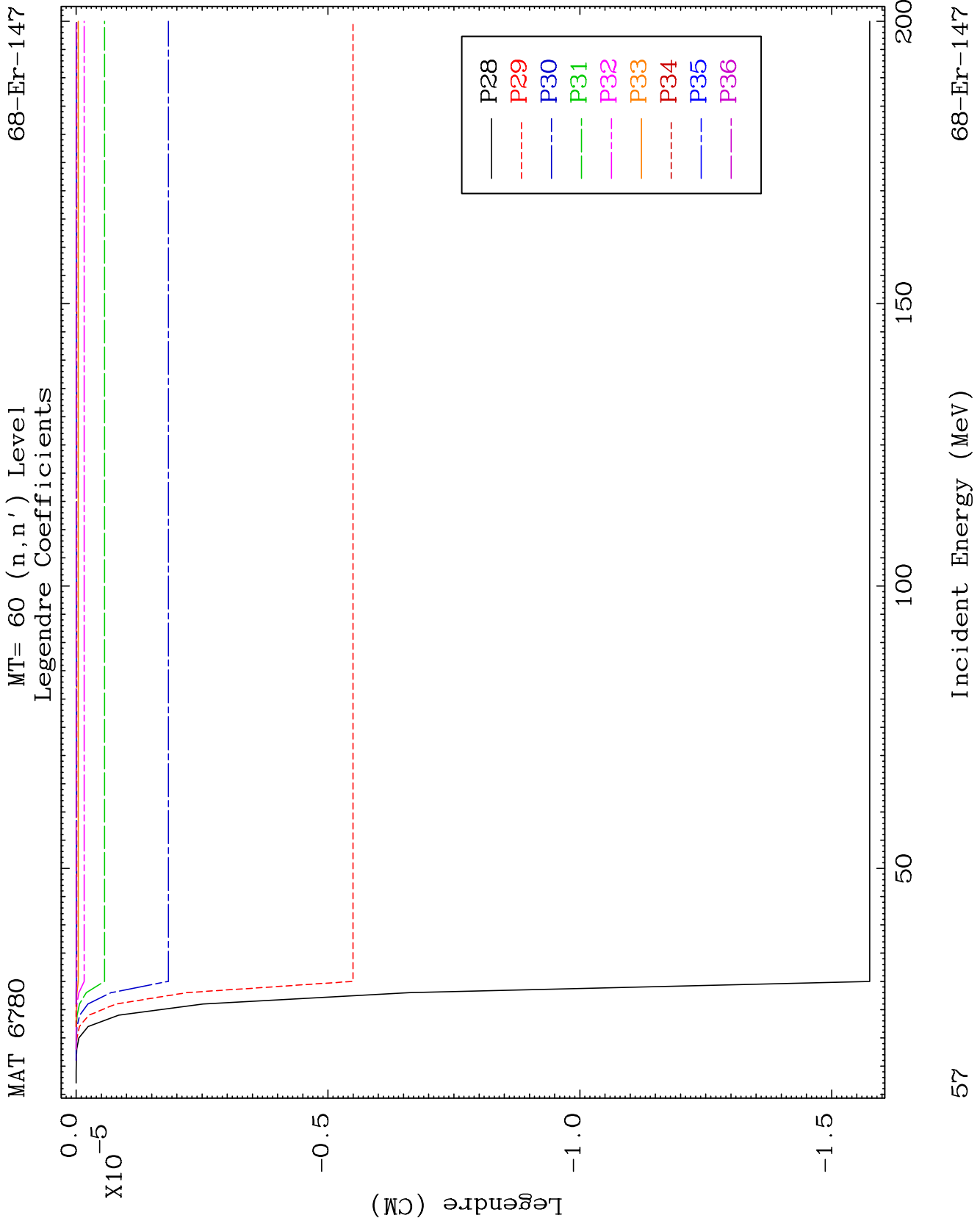
68-Er-147



56

Incident Energy (MeV)

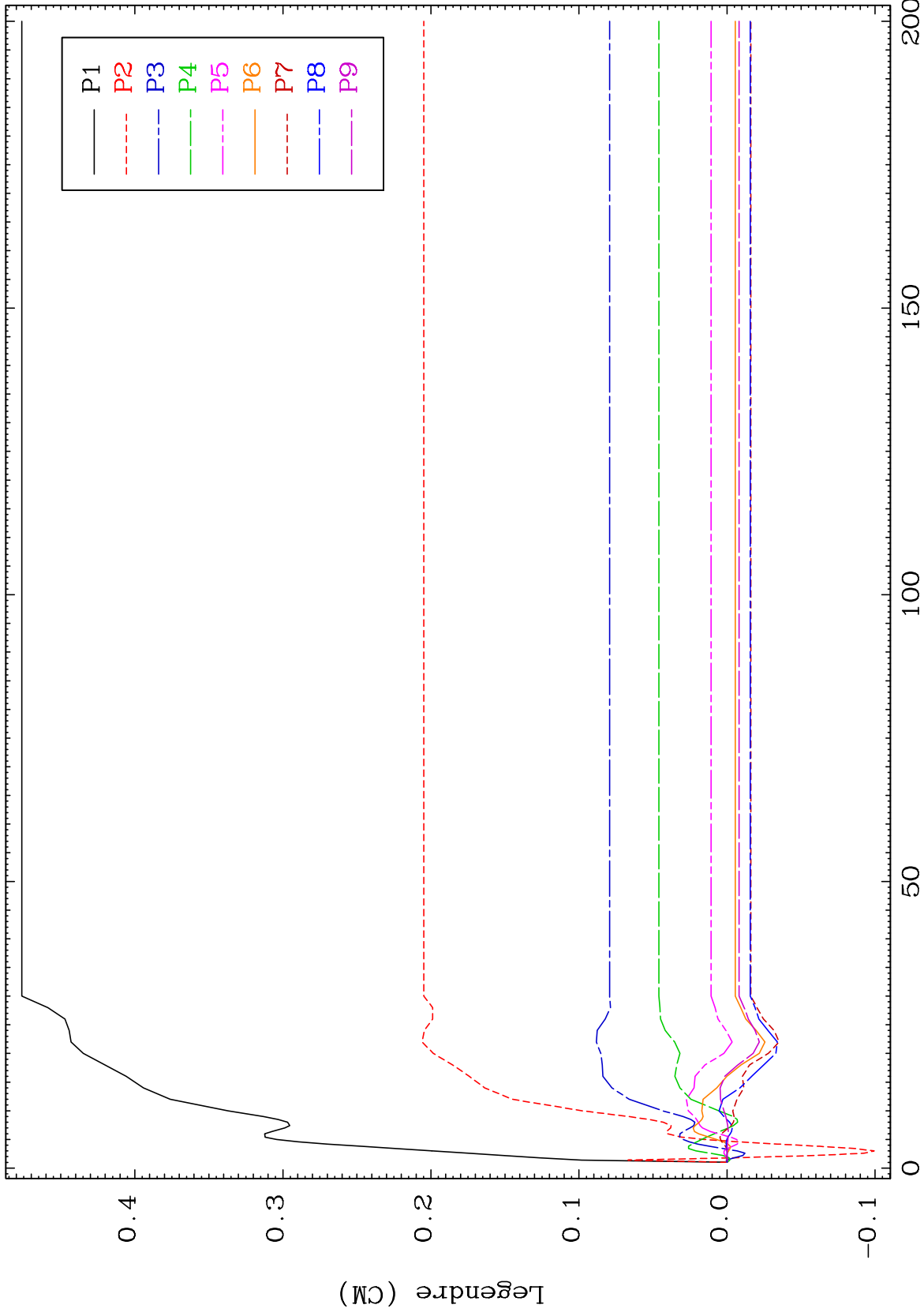
68-Er-147



MAT 6780

MT= 61 (n,n') Level  
Legendre Coefficients

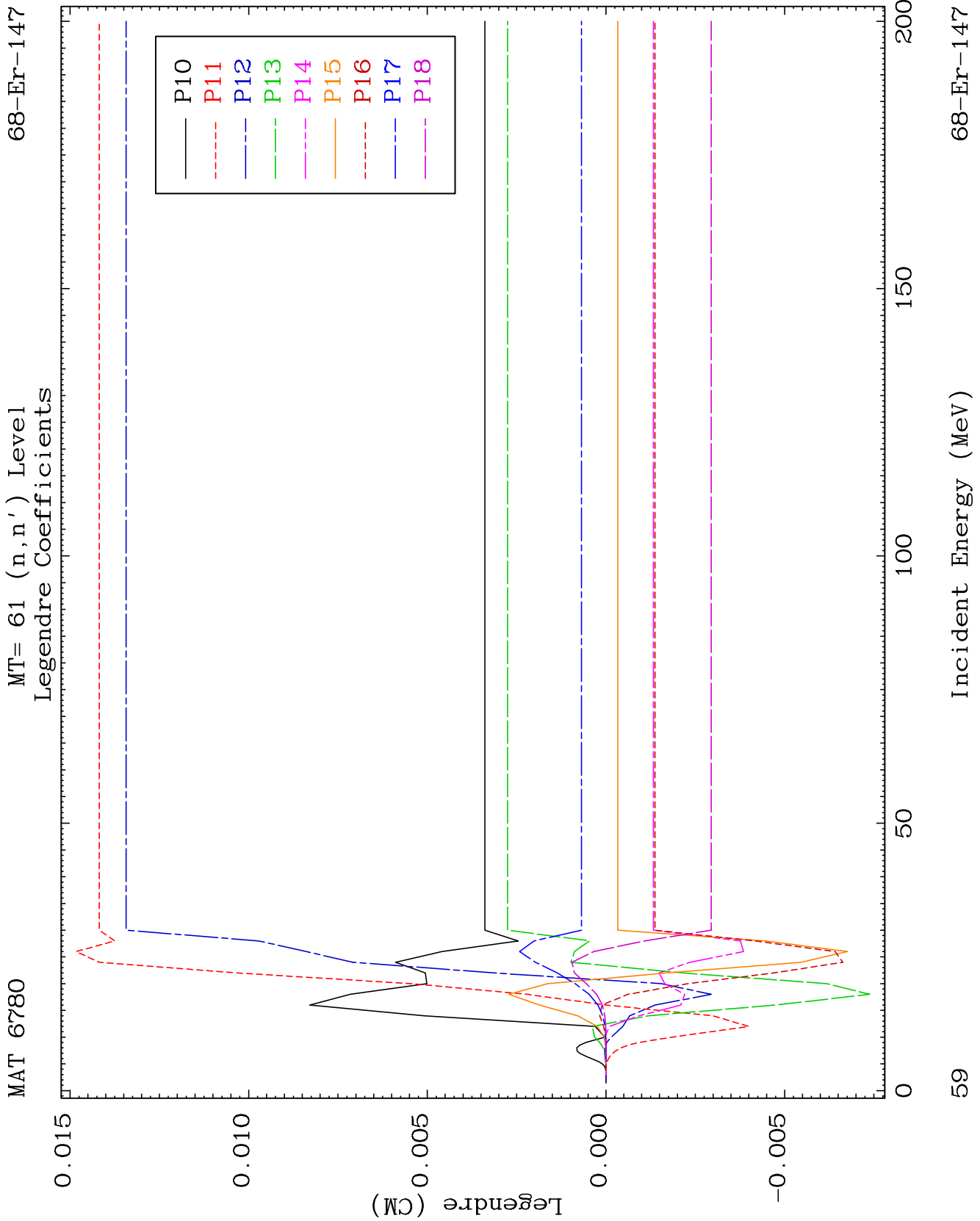
68-Er-147



58

Incident Energy (MeV)

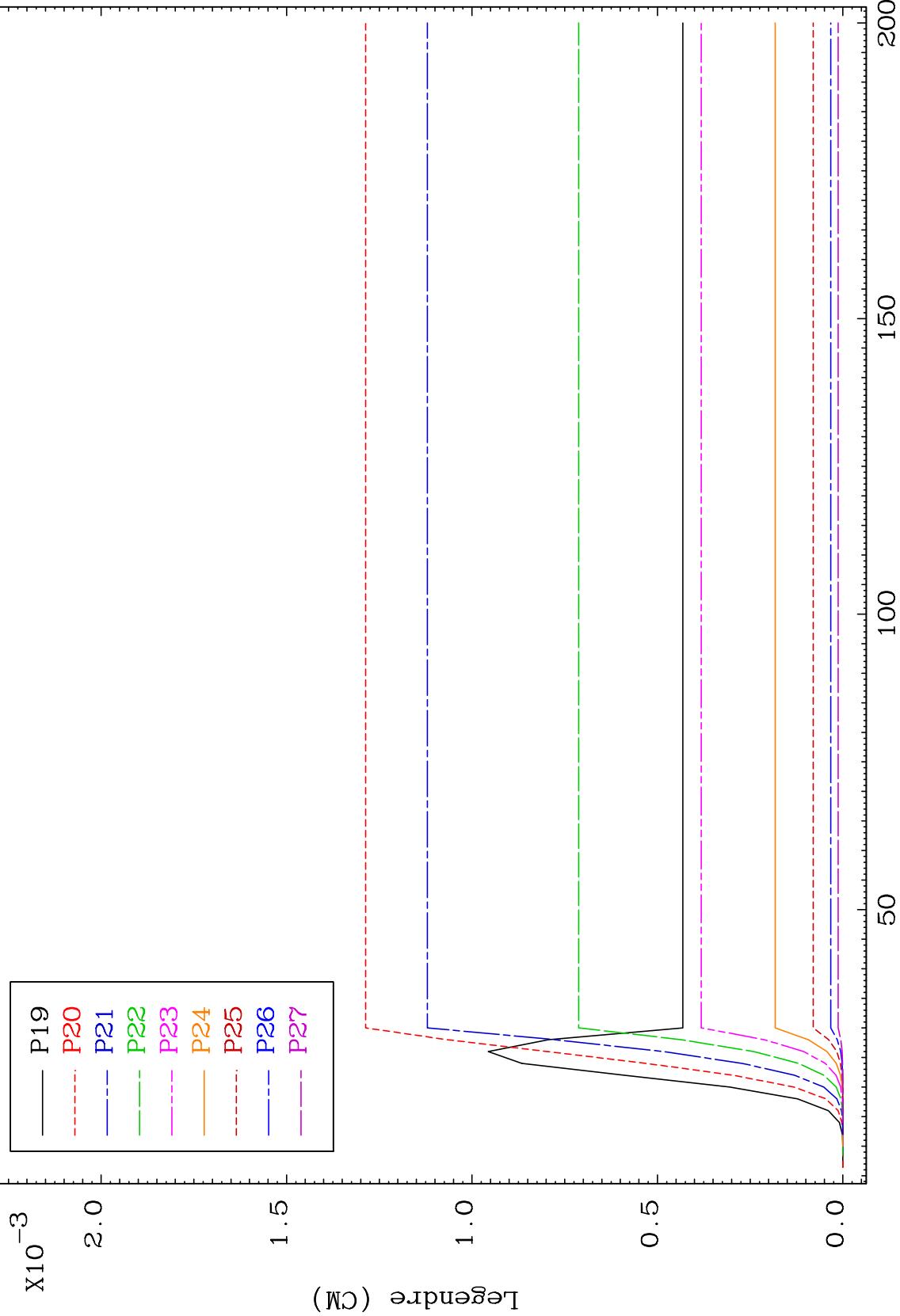
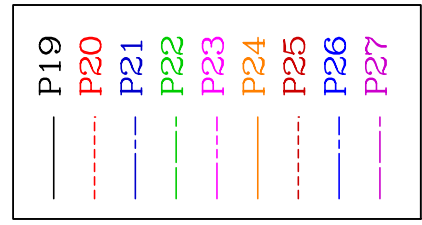
68-Er-147



MAT 6780

MT= 61 (n,n') Level  
Legendre Coefficients

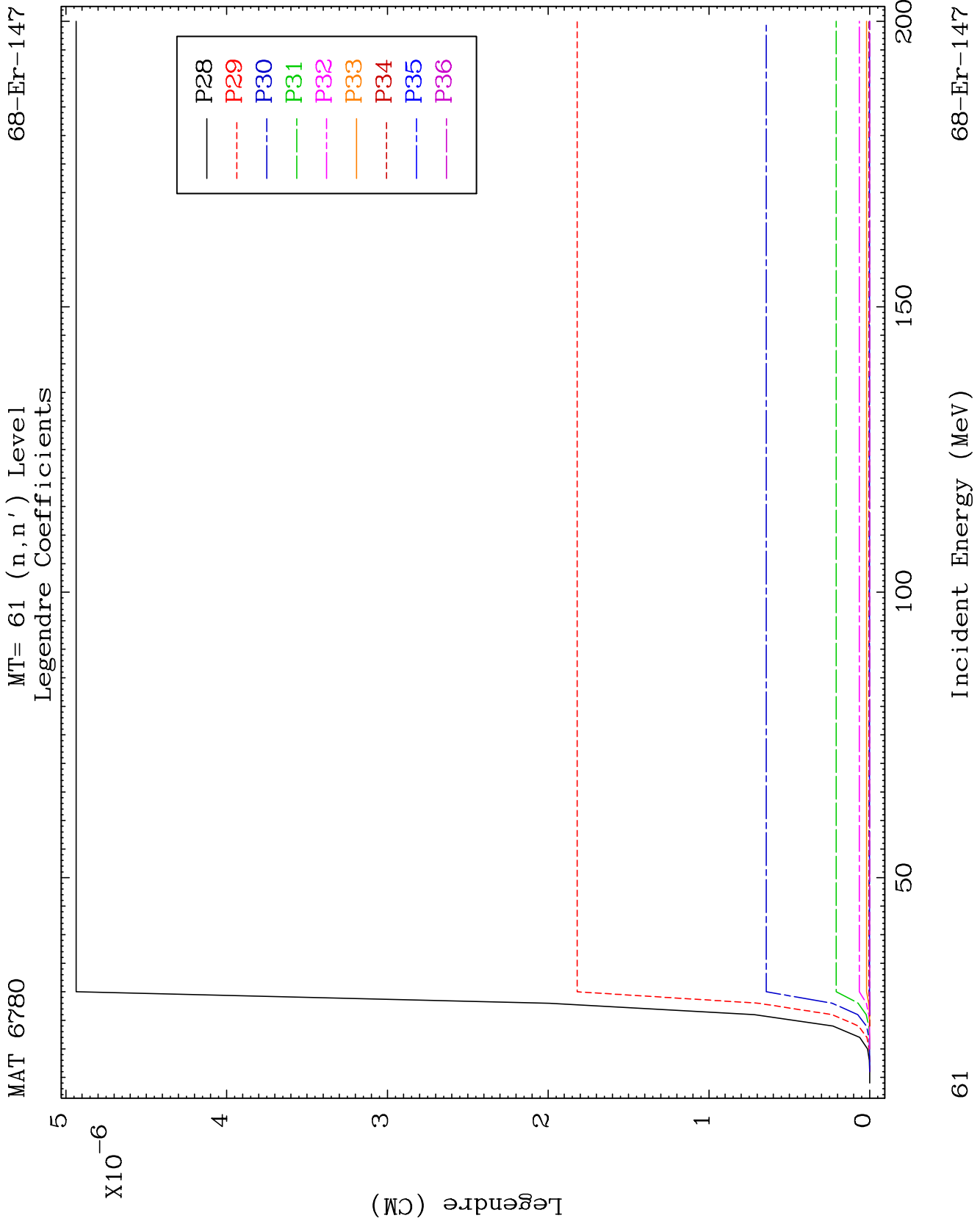
68-Er-147



60

Incident Energy (MeV)

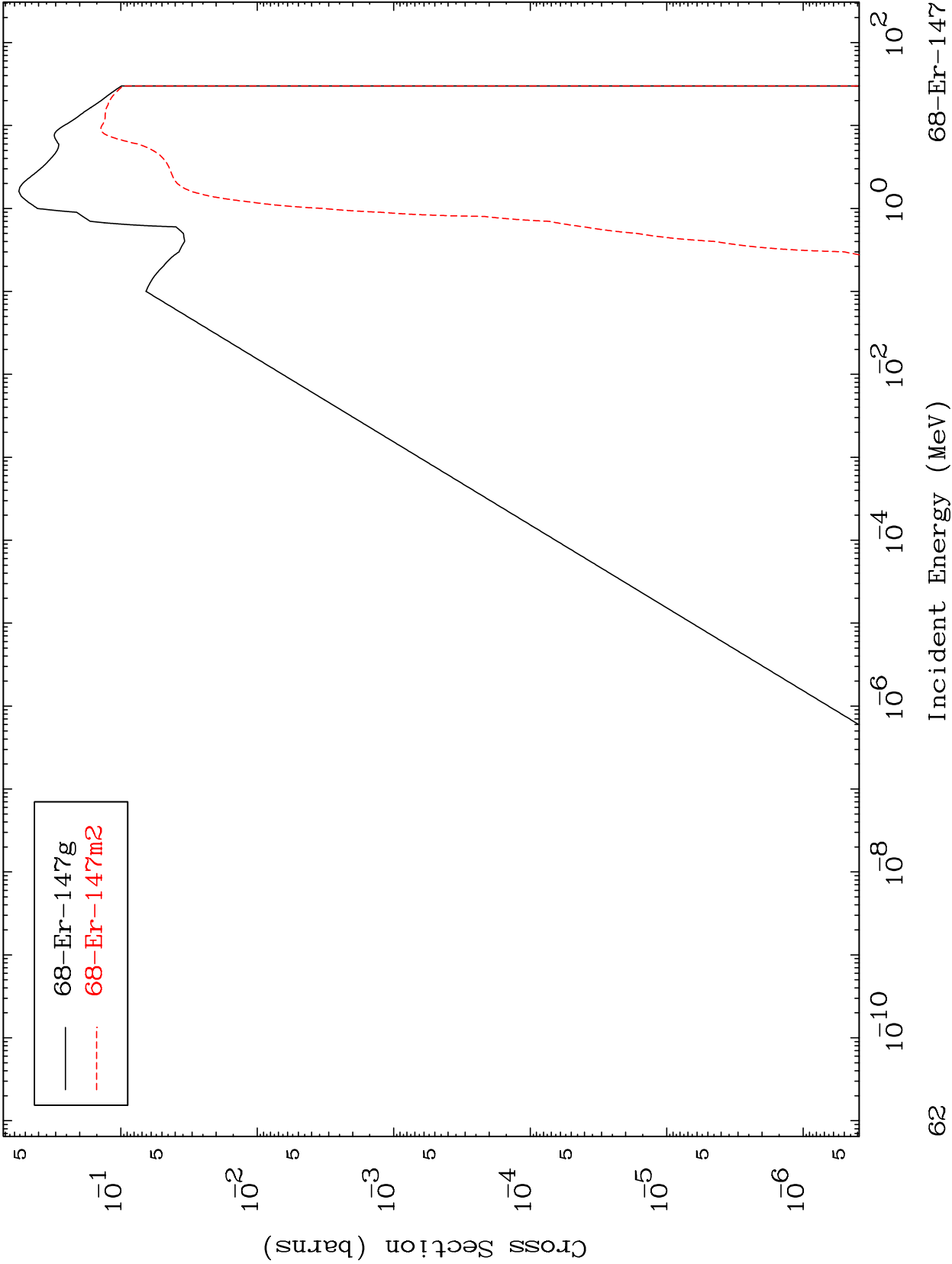
68-Er-147



MAT 6780

Inelastic  
Radionuclide Production Cross Section

68-Er-147



62

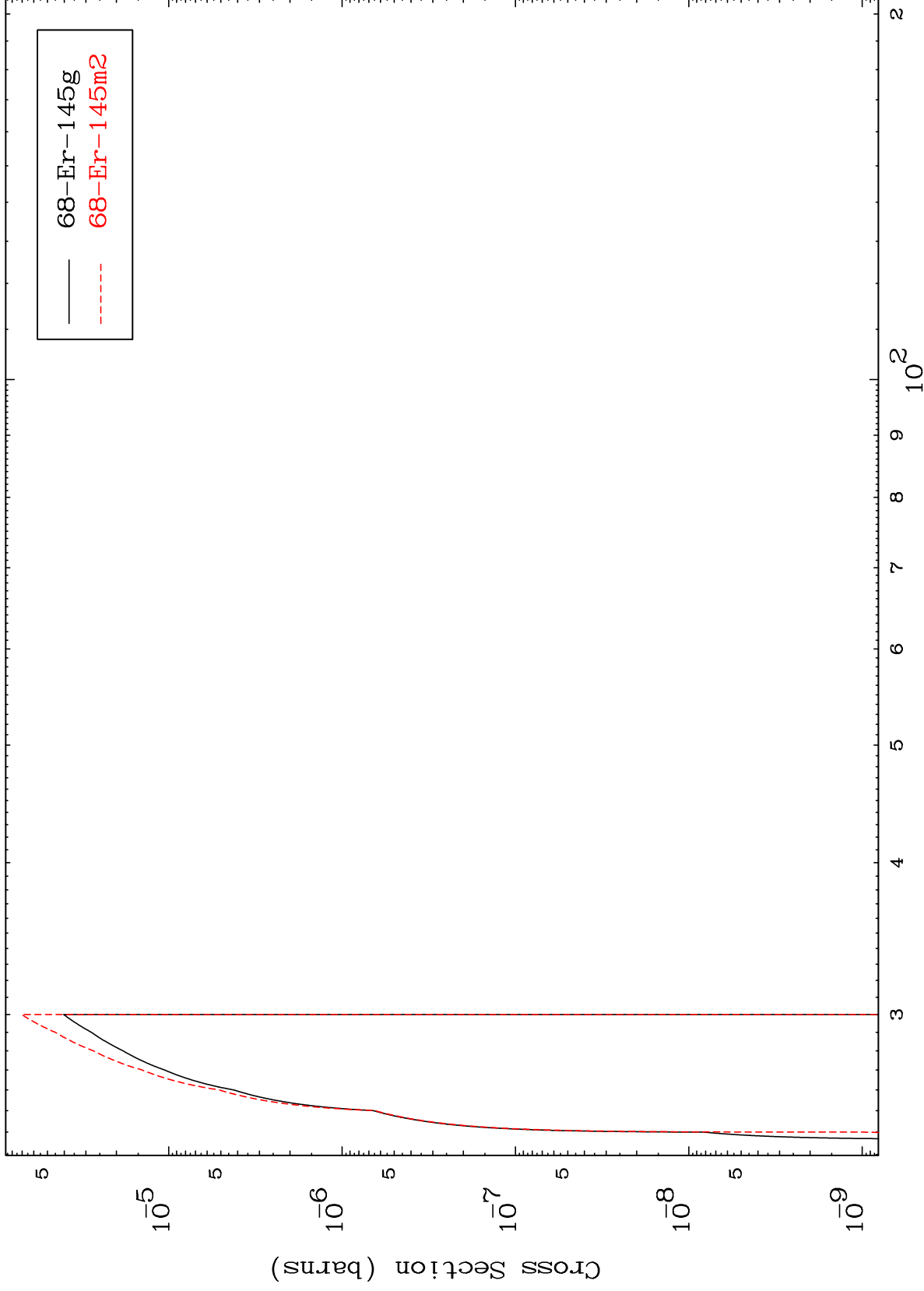
68-Er-147

MAT 6780

(n,3n)

68-Er-147

Radionuclide Production Cross Section



68-Er-145g  
68-Er-145m2

63

Incident Energy (MeV)

68-Er-147

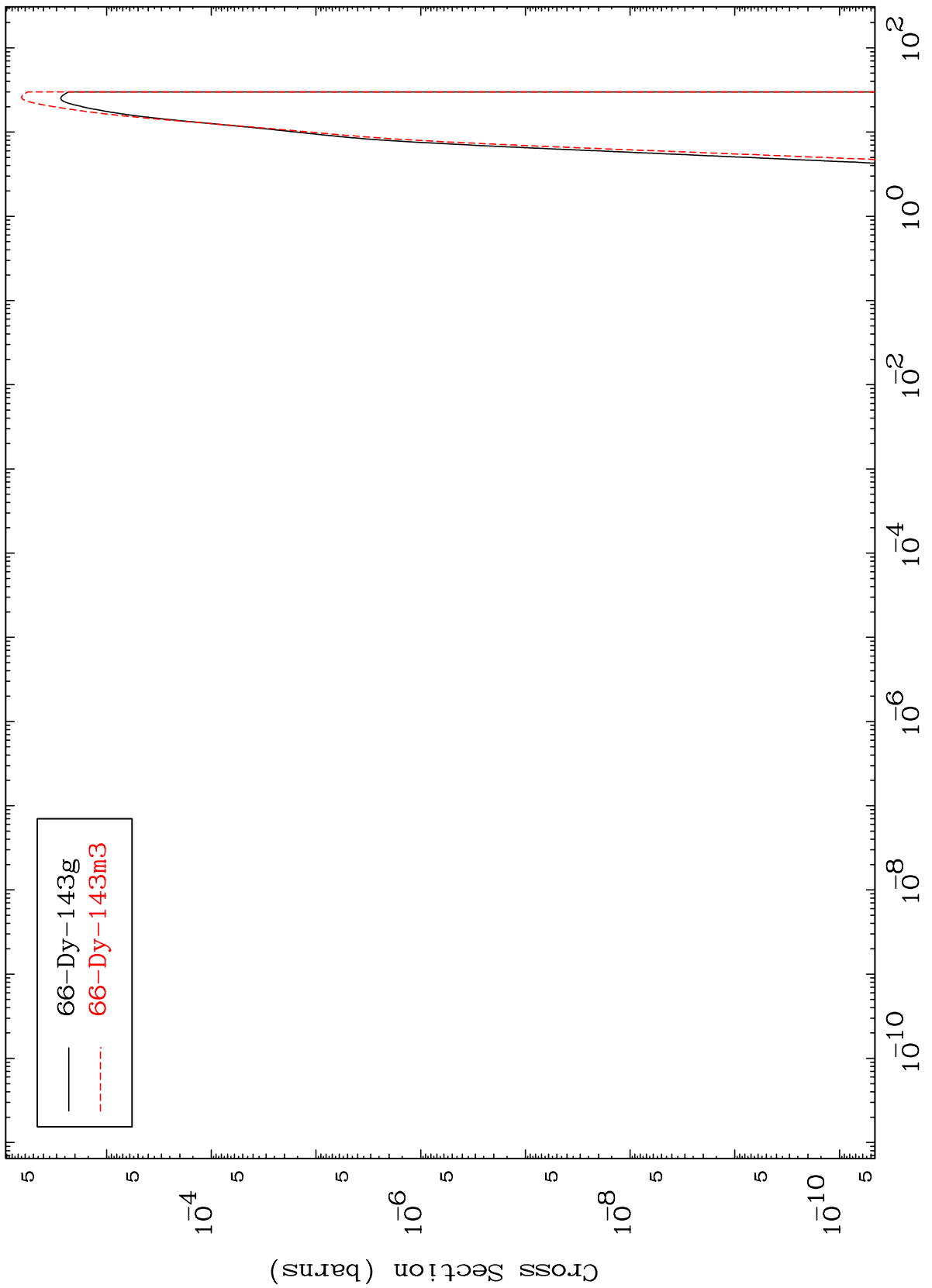


MAT 6780

$(n, n') \alpha$

68-Er-147

Radionuclide Production Cross Section



64

Incident Energy (MeV)

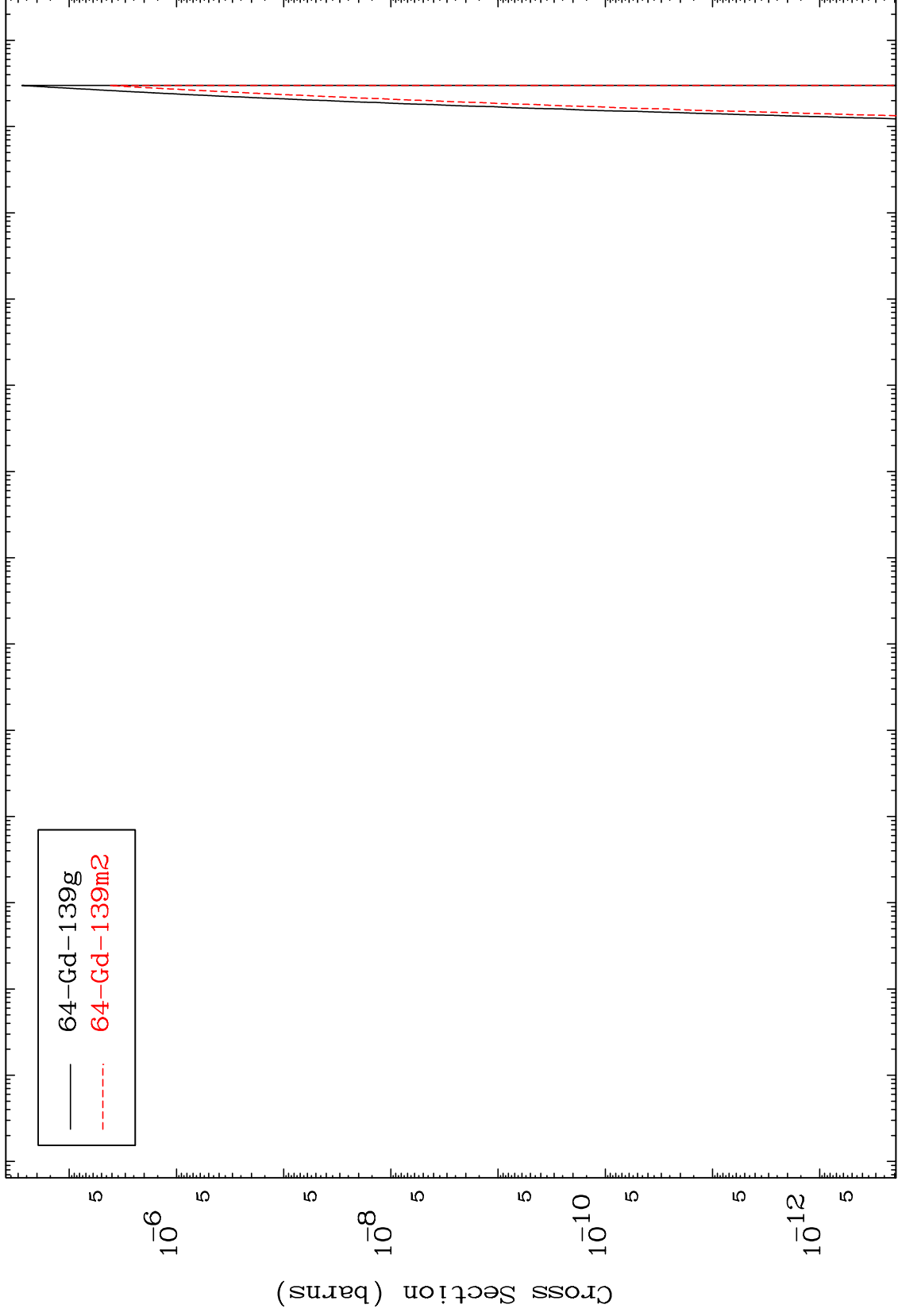
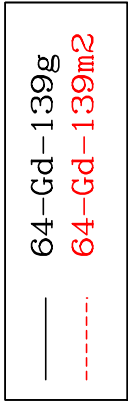
68-Er-147

MAT 6780

(n,n') 2α

68-Er-147

Radionuclide Production Cross Section



65

Incident Energy (MeV)

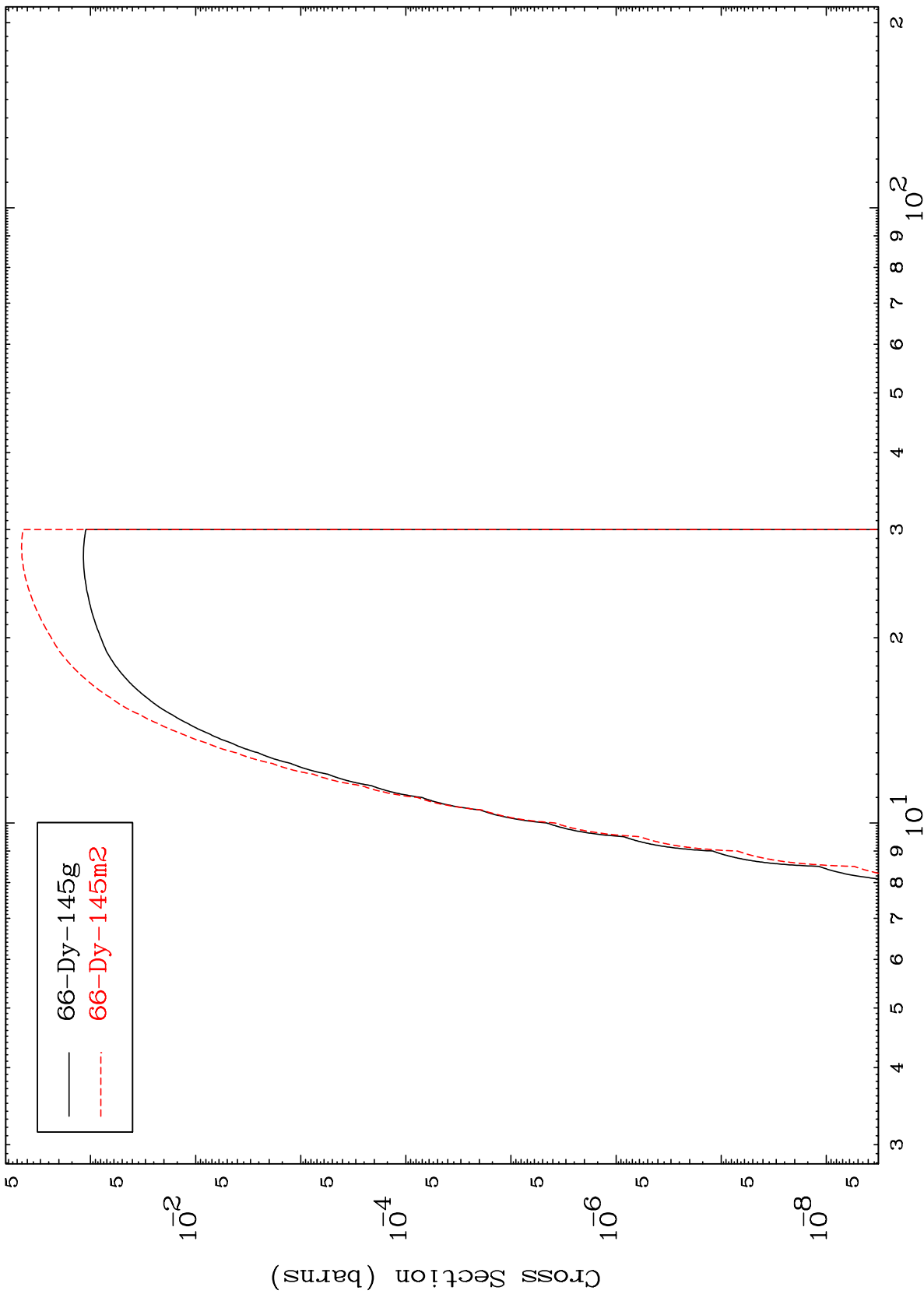
68-Er-147

MAT 6780

(n,2n) p

68-Er-147

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-147

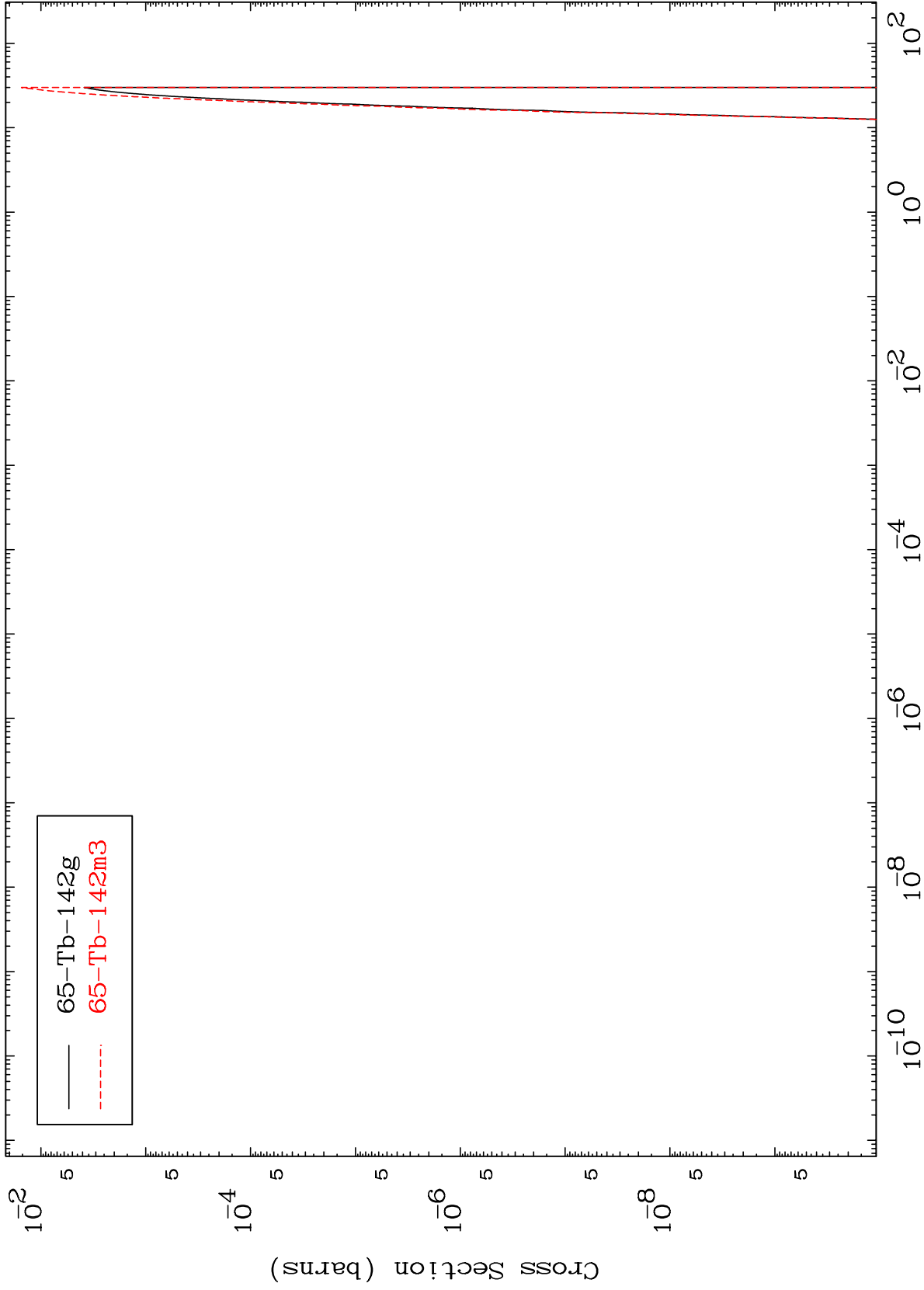
66

MAT 6780

(n,n') p  $\alpha$

68-Er-147

Radionuclide Production Cross Section



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Incident Energy (MeV)

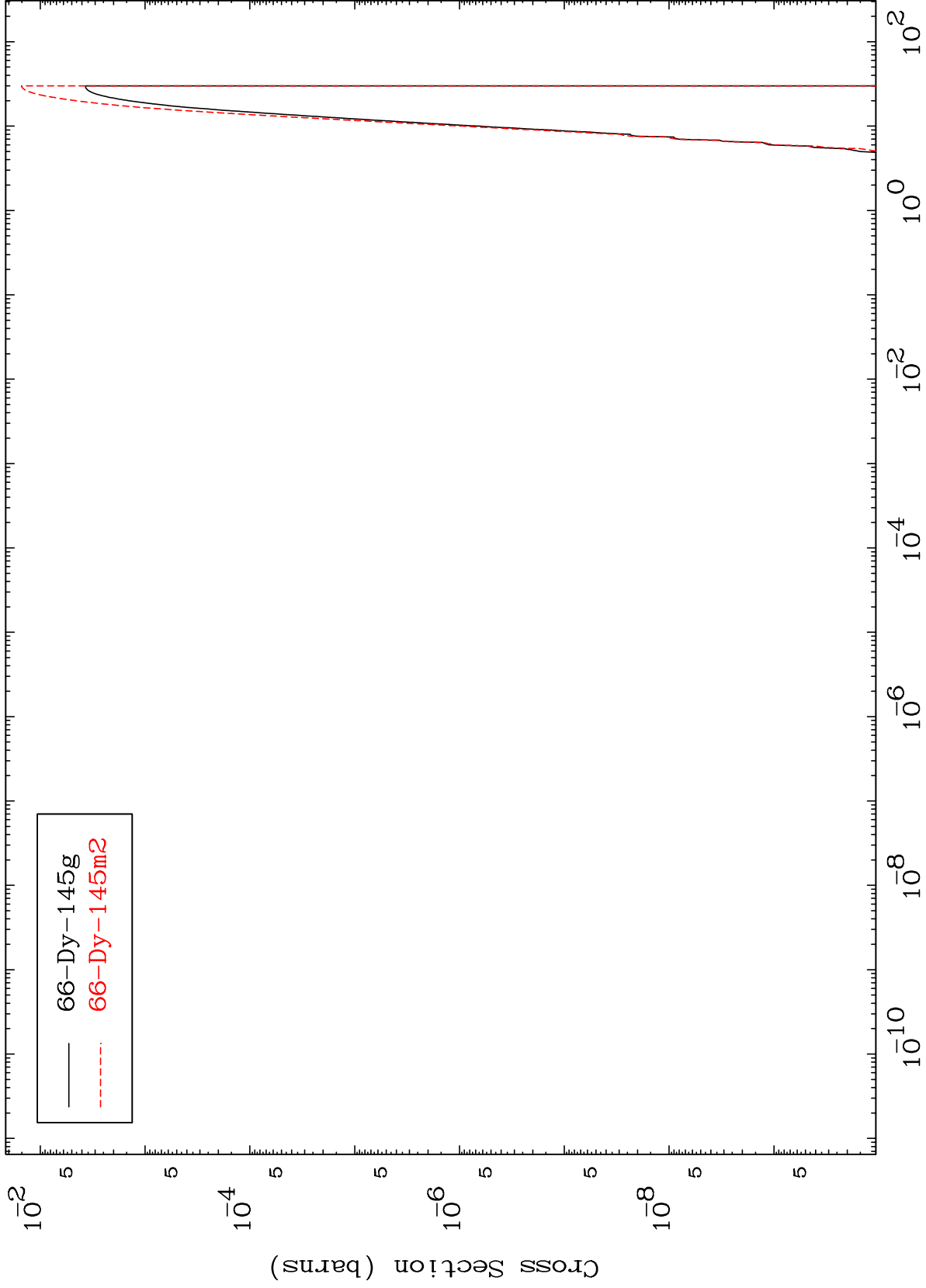
68-Er-147

MAT 6780

(n,He-3)

68-Er-147

Radionuclide Production Cross Section



68

Incident Energy (MeV)

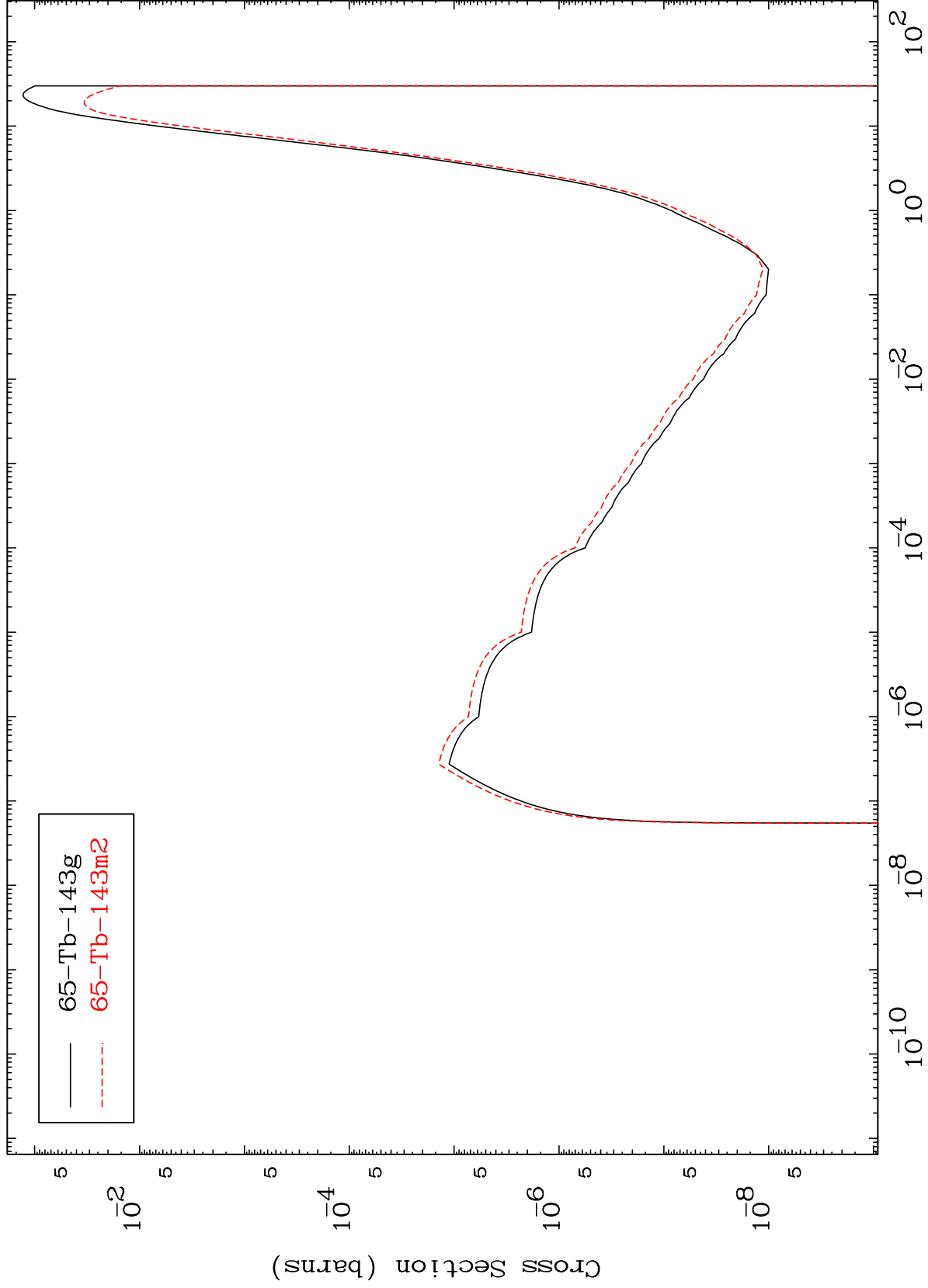
68-Er-147

MAT 6780

(n,p)  $\alpha$

68-Er-147

Radionuclide Production Cross Section



69

Incident Energy (MeV)

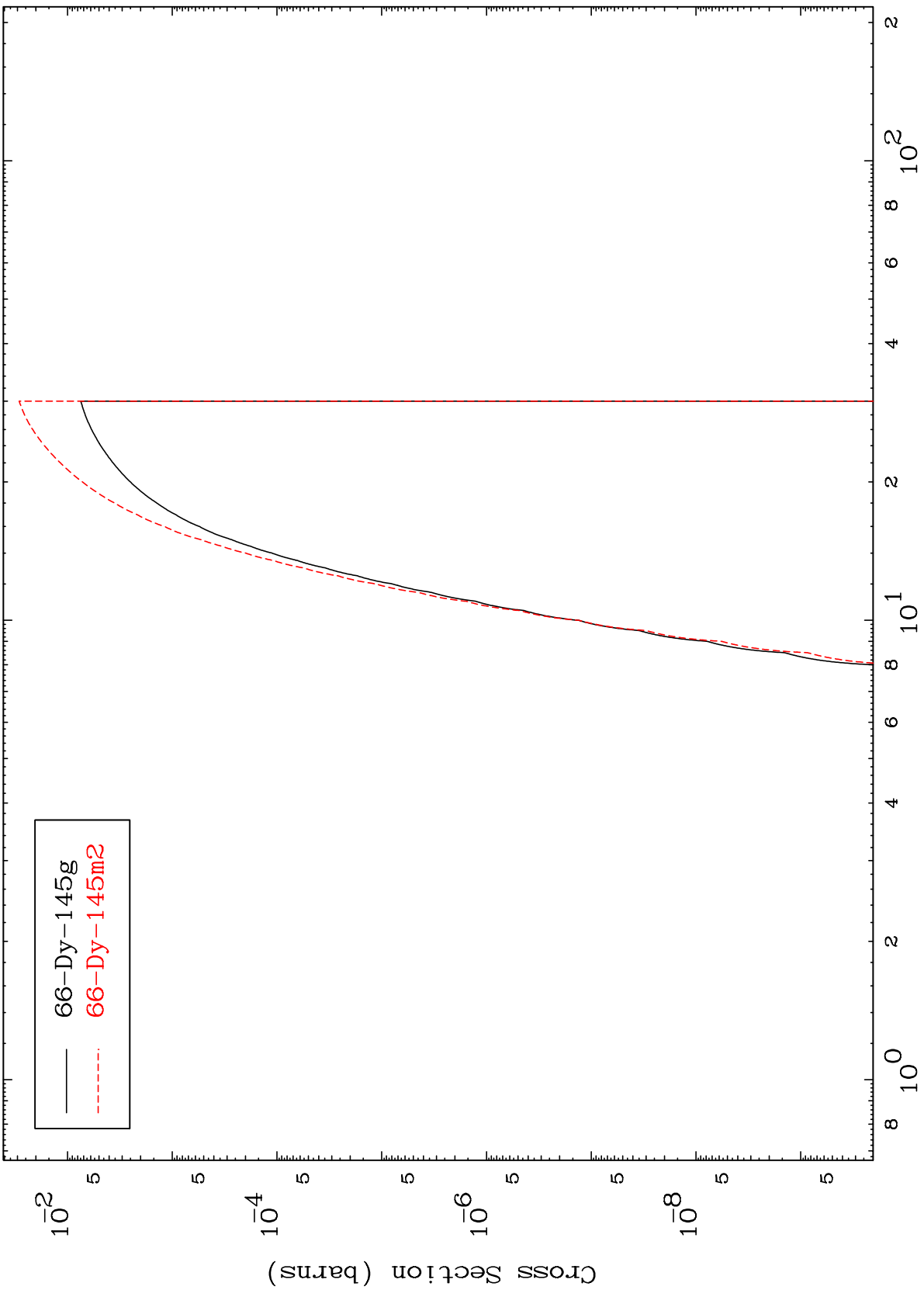
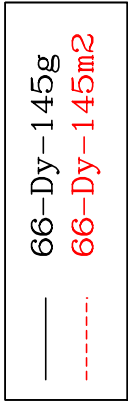
68-Er-147

MAT 6780

(n,p) d

68-Er-147

Radionuclide Production Cross Section



70

Incident Energy (MeV)

68-Er-147

MAT 6780

(n,d)  $\alpha$

68-Er-147

Radionuclide Production Cross Section

