

Program EVALPLOT  
(Version 2021-1)

by

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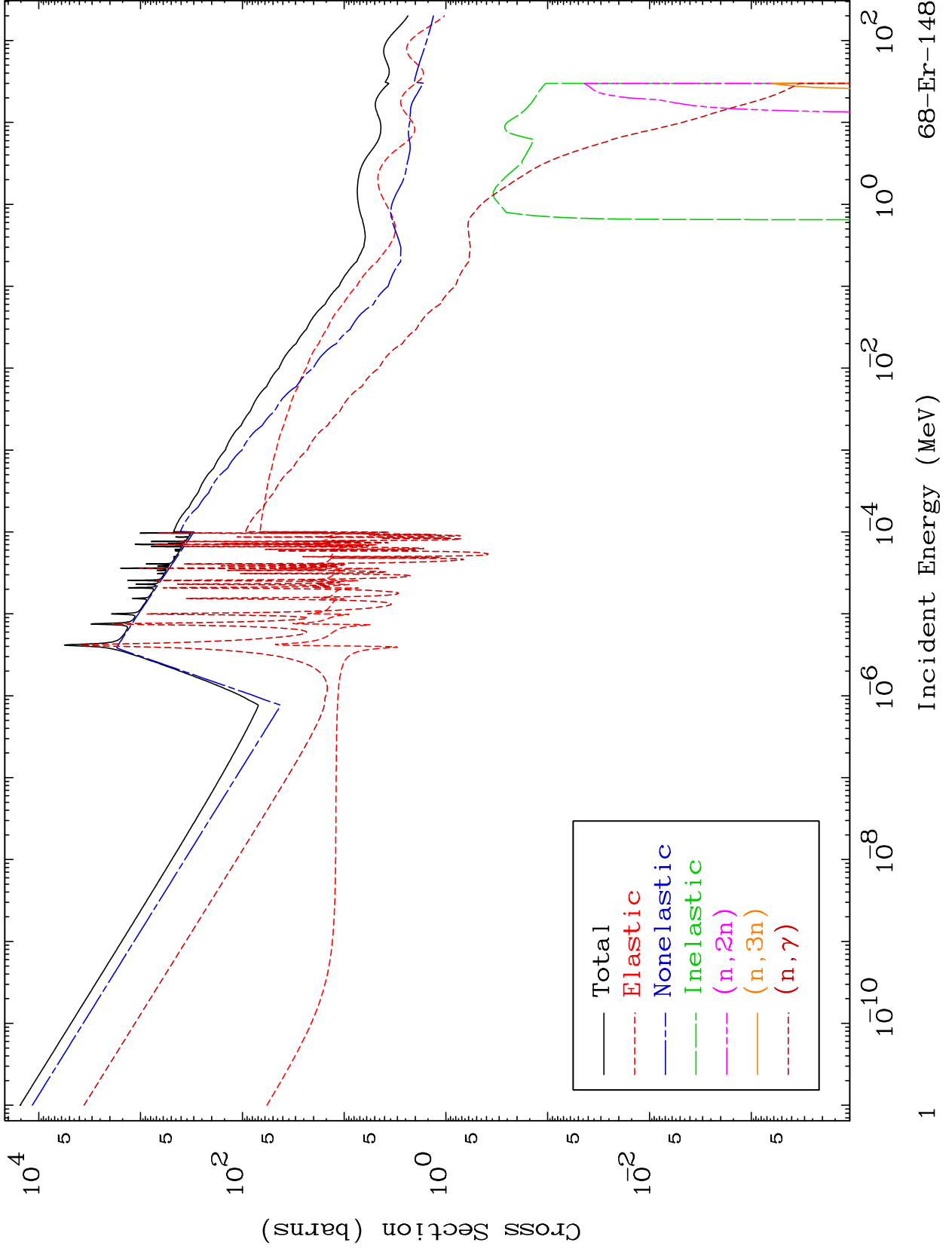
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Press Mouse Button to Start

MAT 6783

Neutron Major  
293 Kelvin Cross Sections

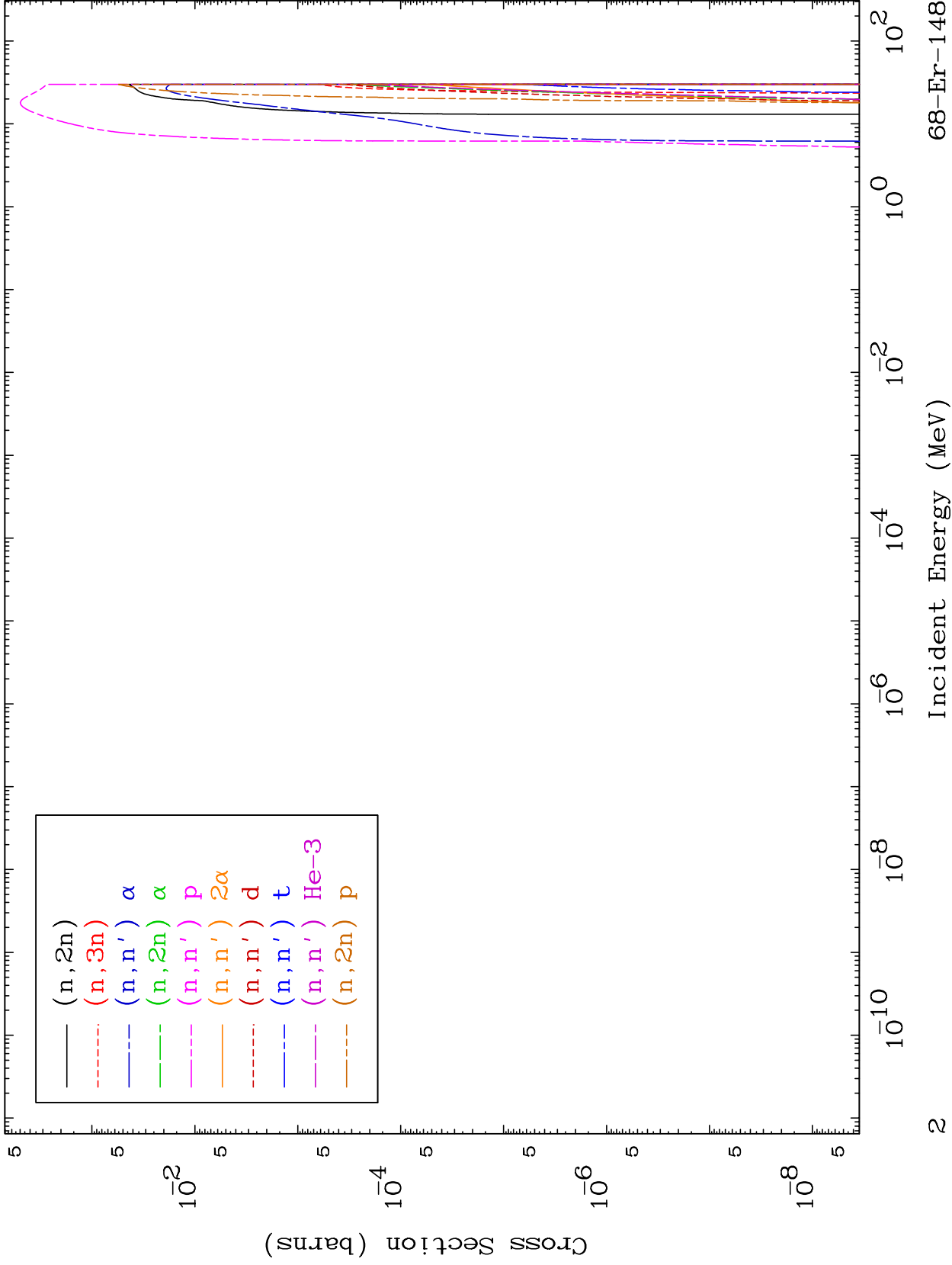
68-Er-148



MAT 6783

Neutron Absorption  
293 Kelvin Cross Sections

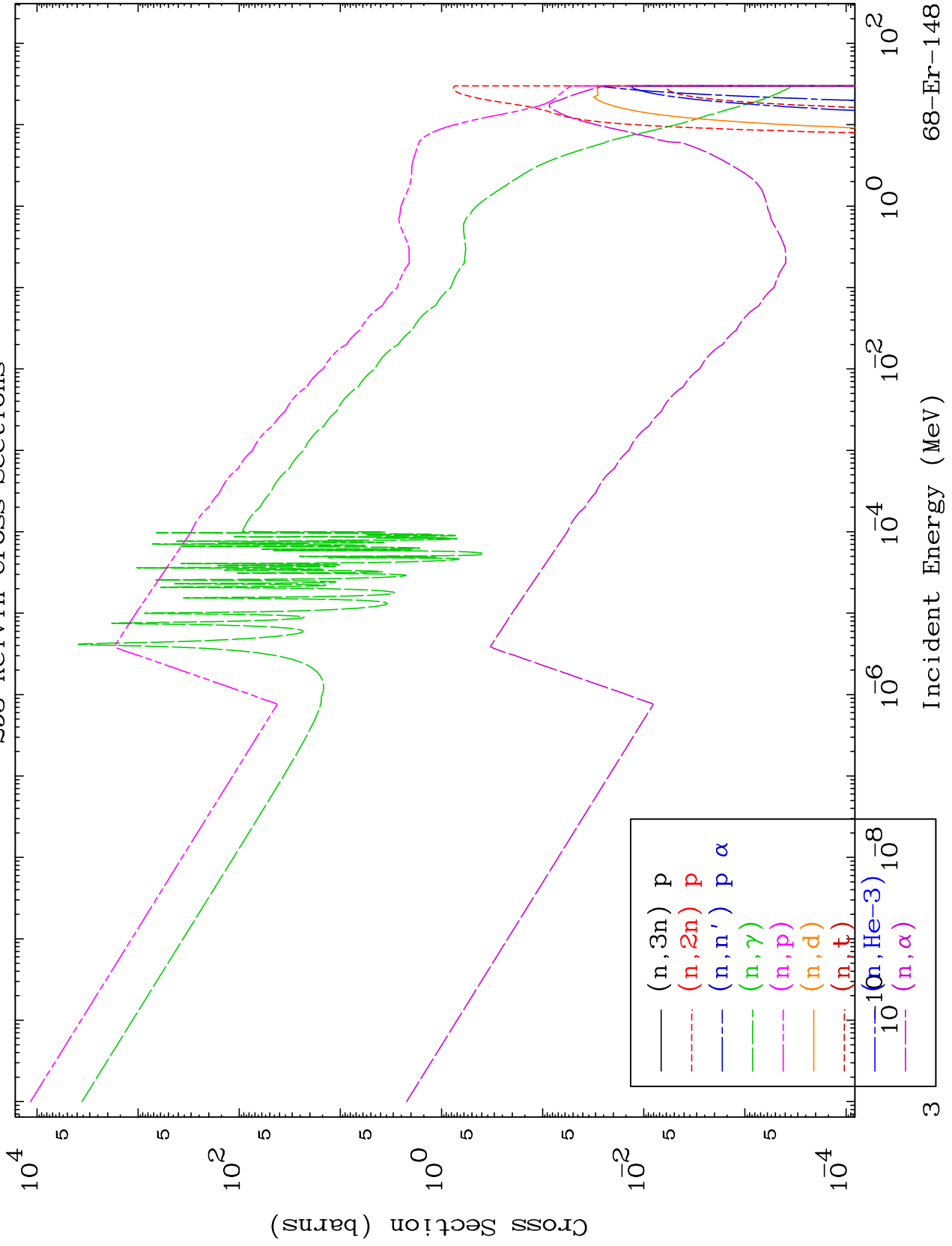
68-Er-148

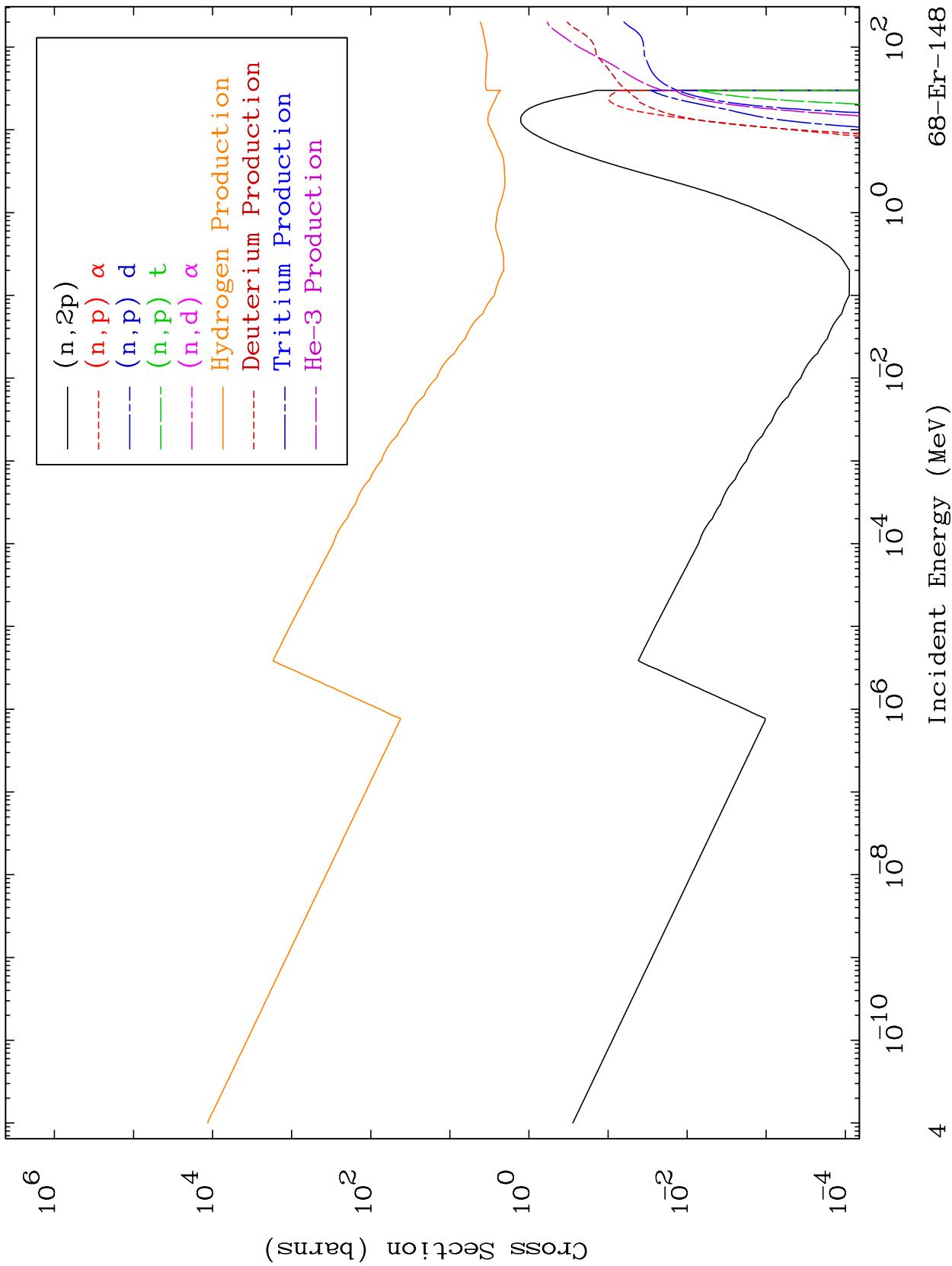


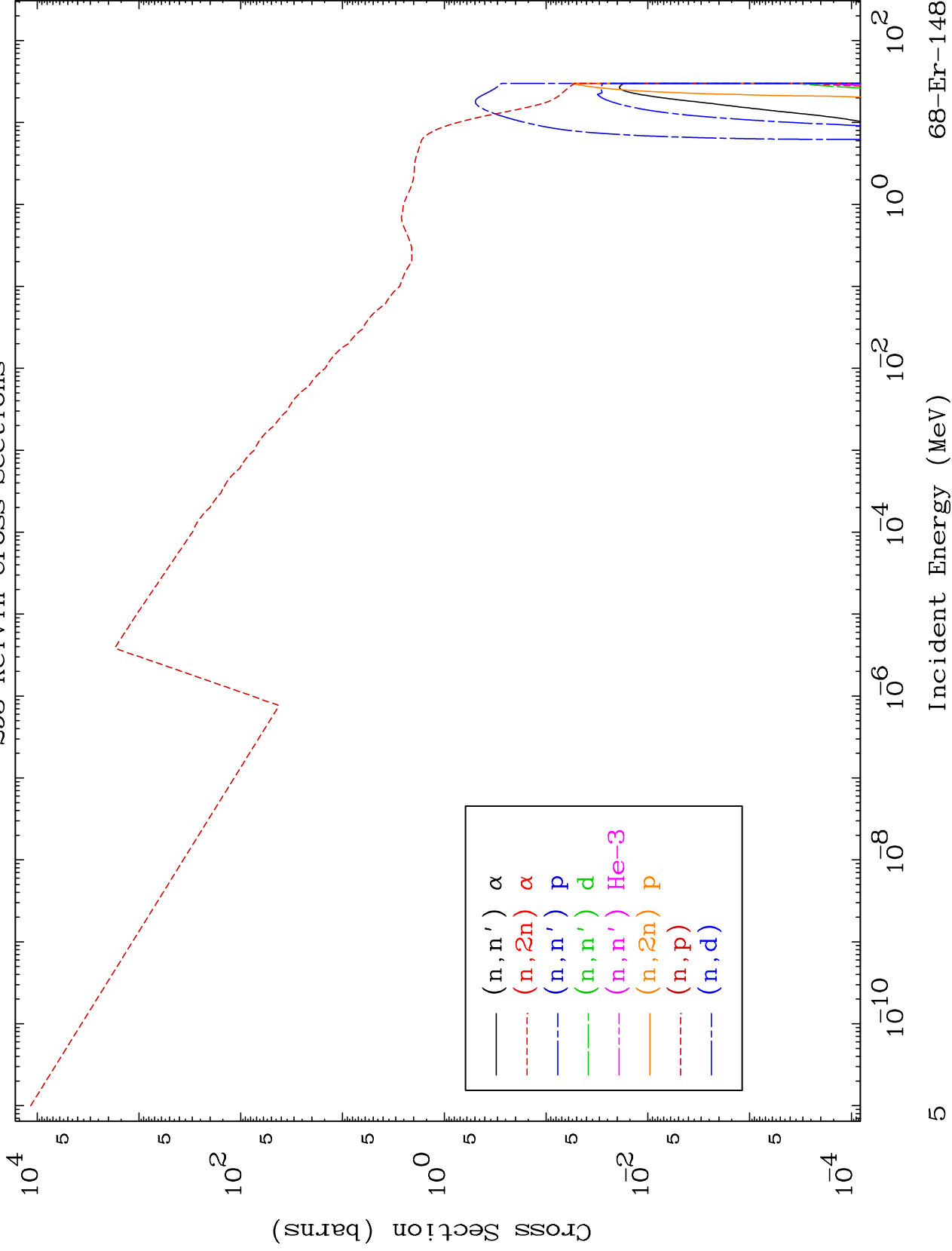
MAT 6783

Neutron Absorption  
293 Kelvin Cross Sections

68-Er-148



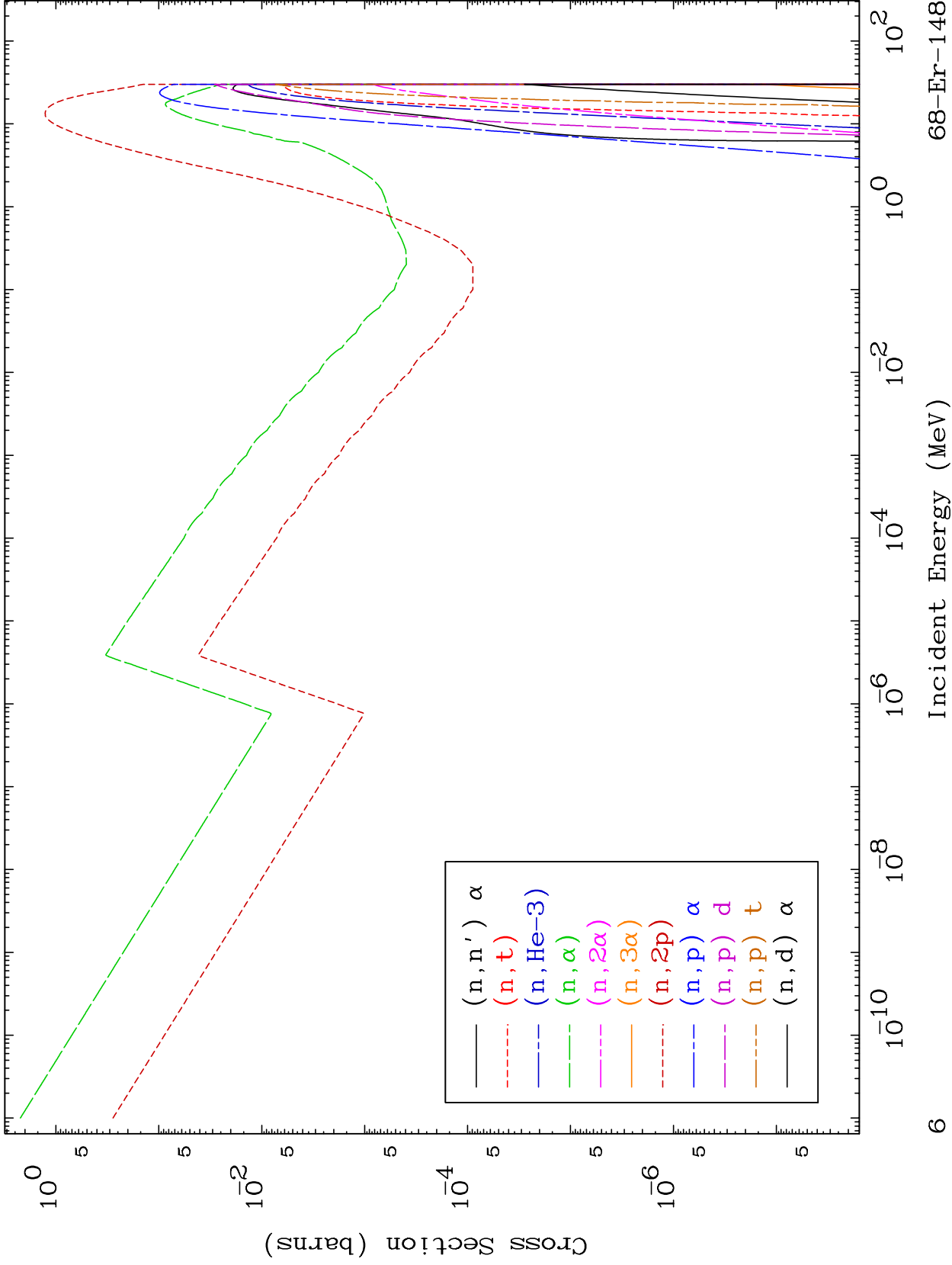




MAT 6783

Charged Particle  
293 Kelvin Cross Sections

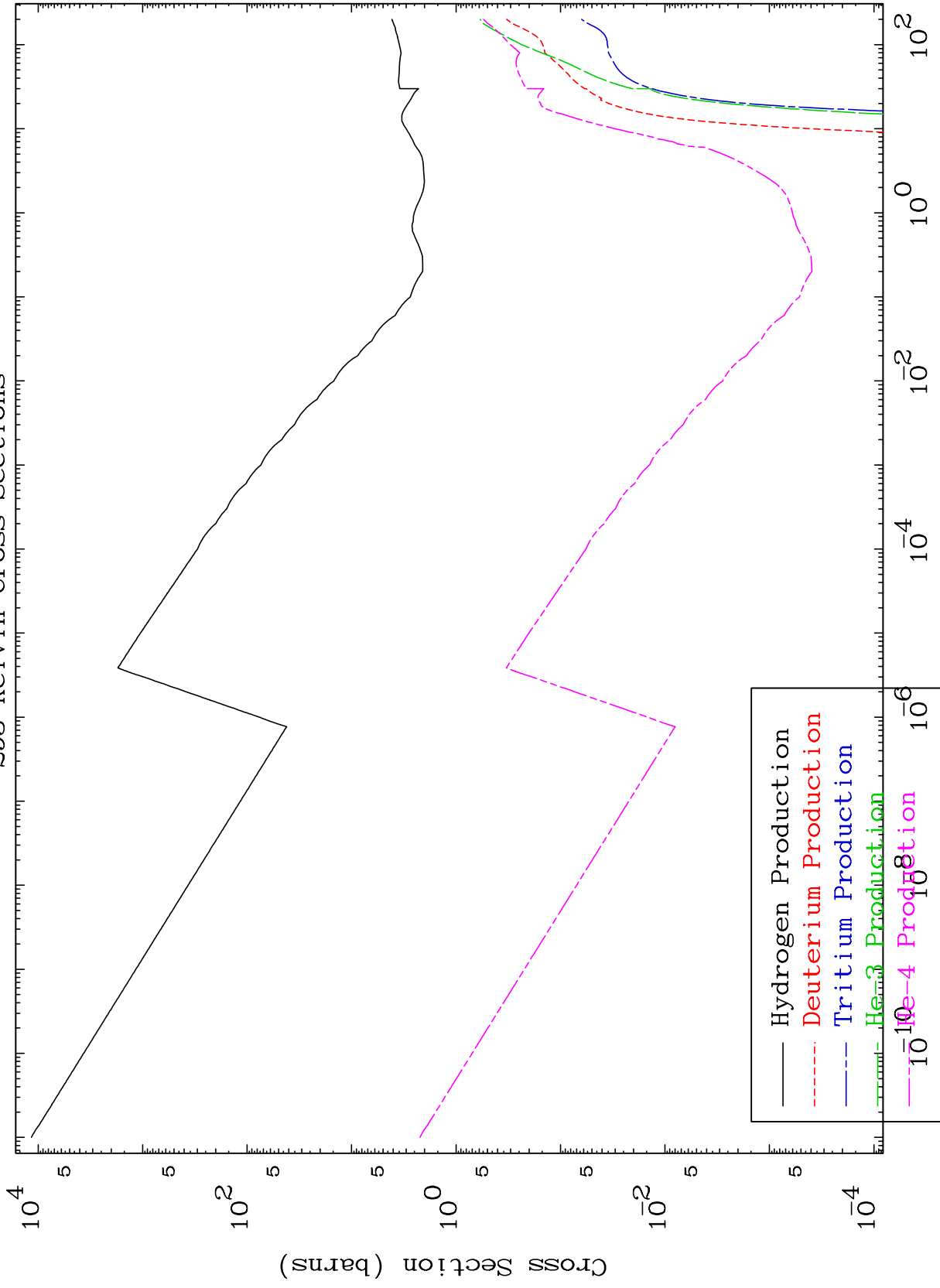
68-Er-148



MAT 6783

Particle Production  
293 Kelvin Cross Sections

68-Er-148



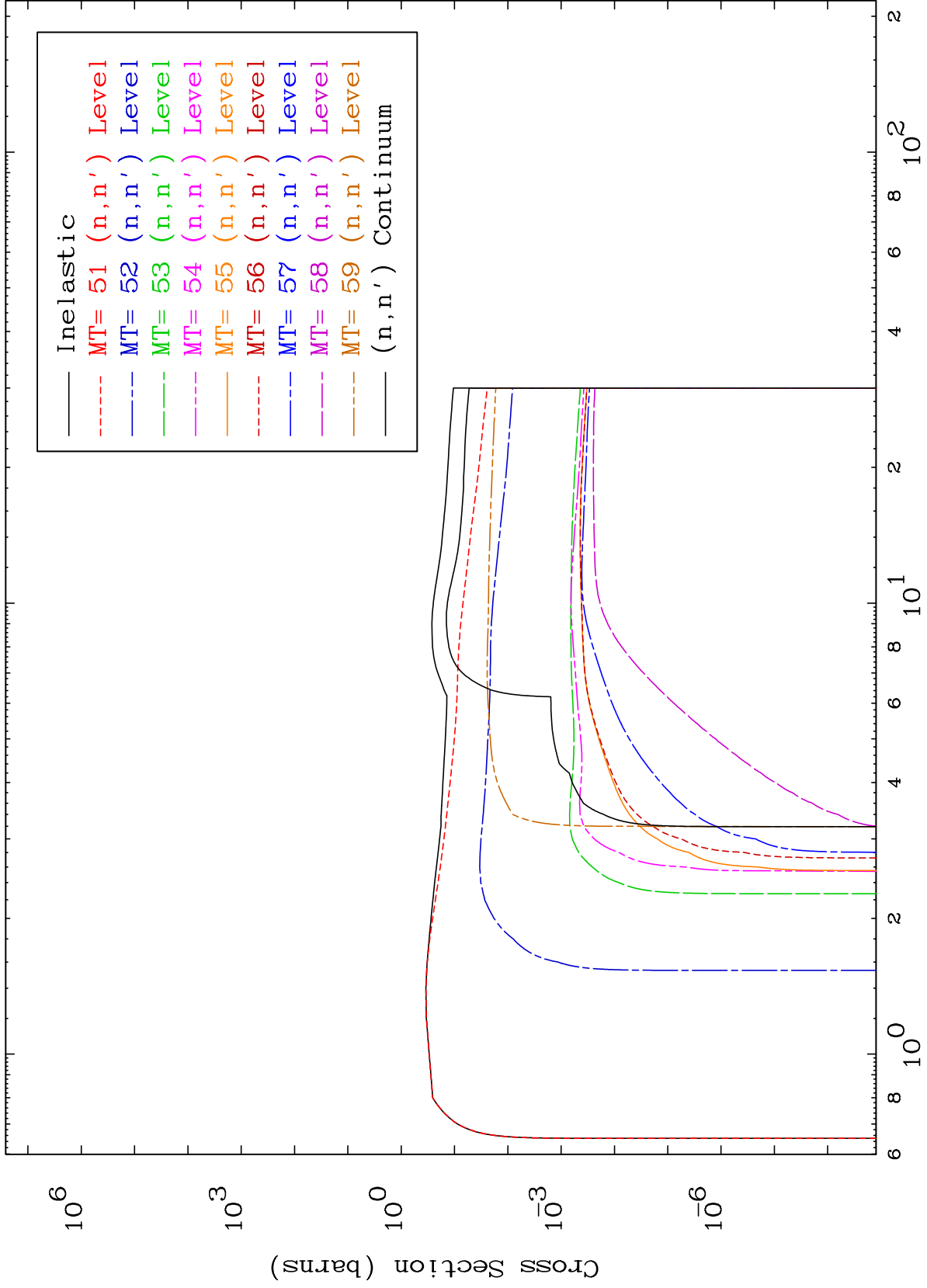
Incident Energy (MeV)

68-Er-148

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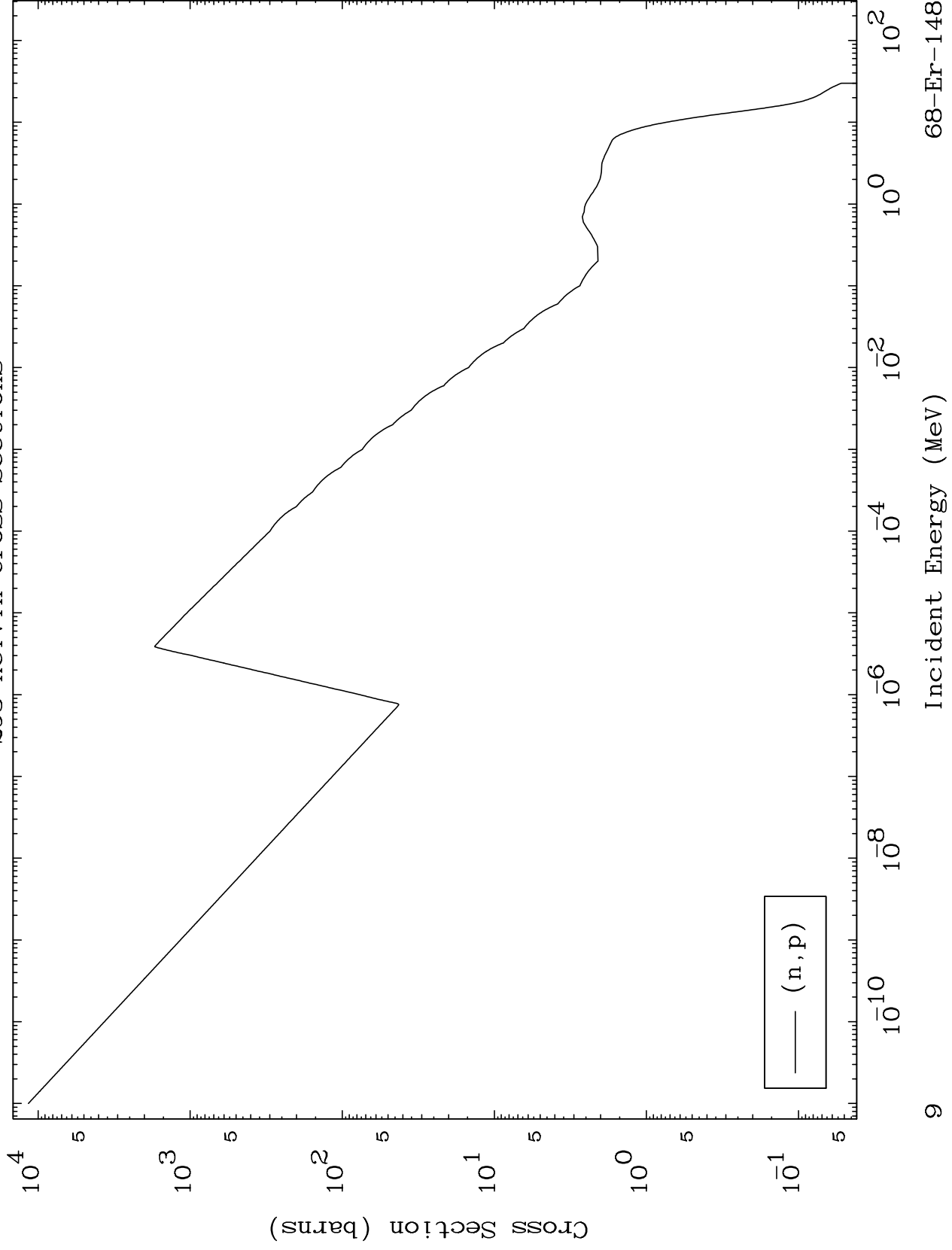
293 Kelvin Cross Sections



MAT 6783

(n,p) Levels  
293 Kelvin Cross Sections

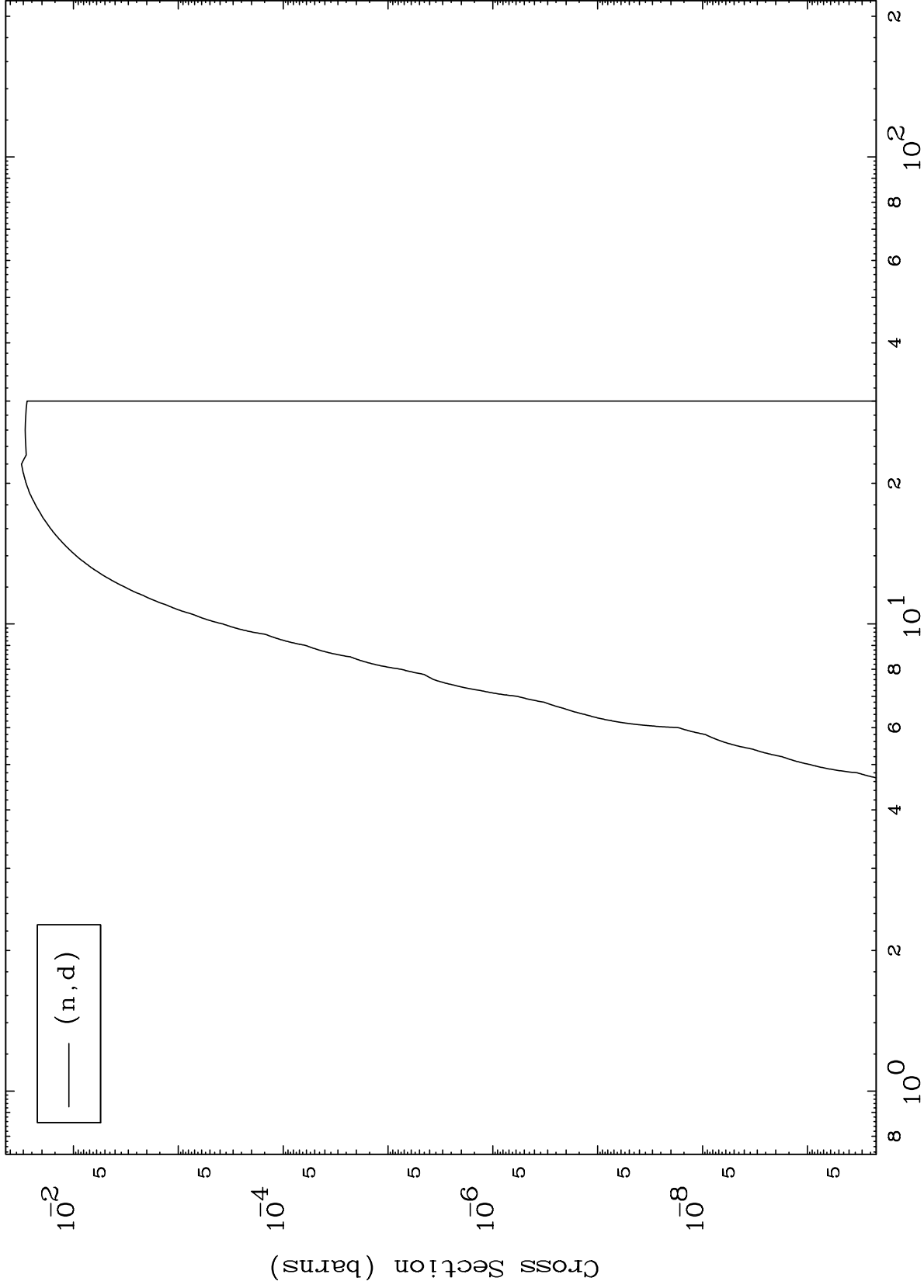
68-Er-148



MAT 6783

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-148



10

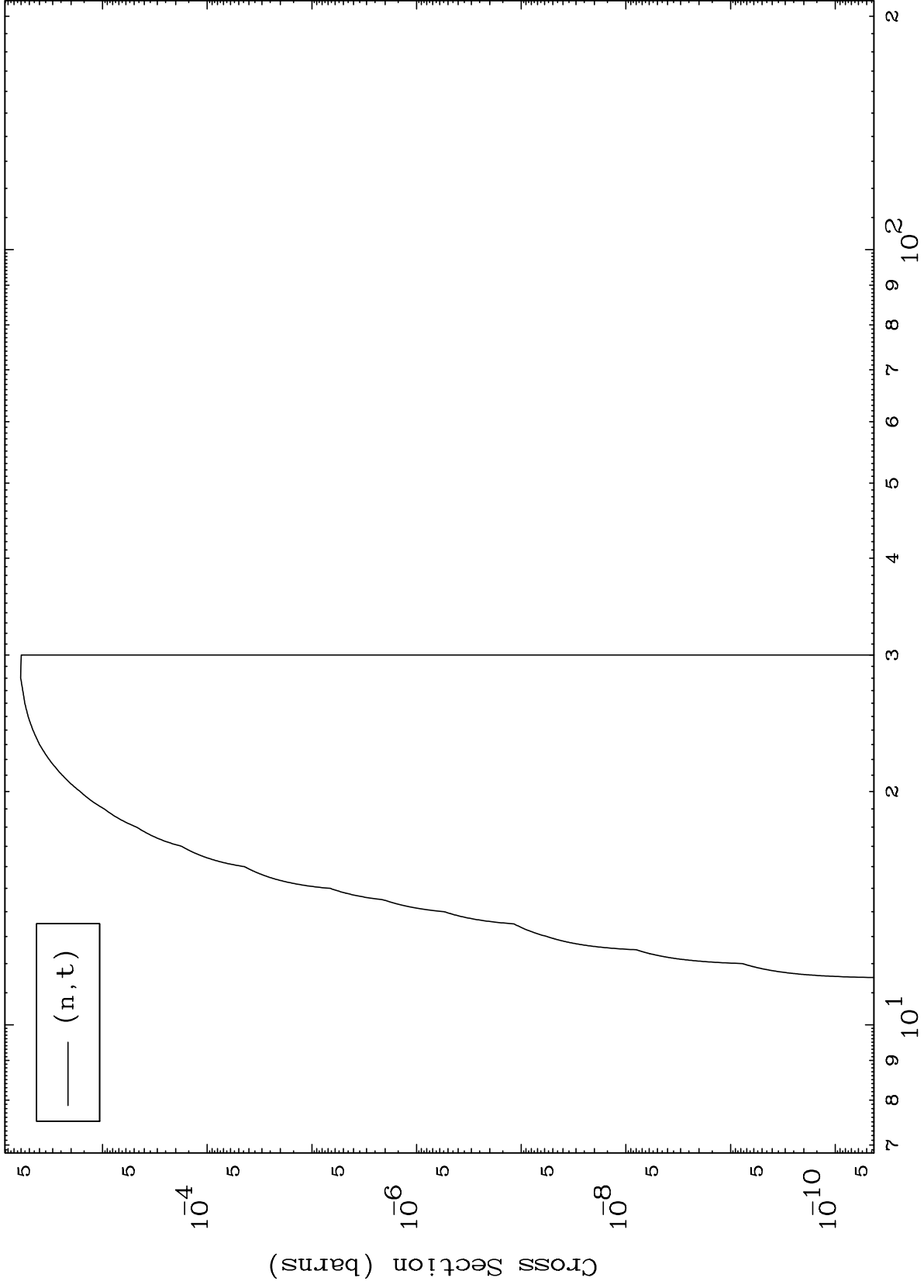
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-148



11

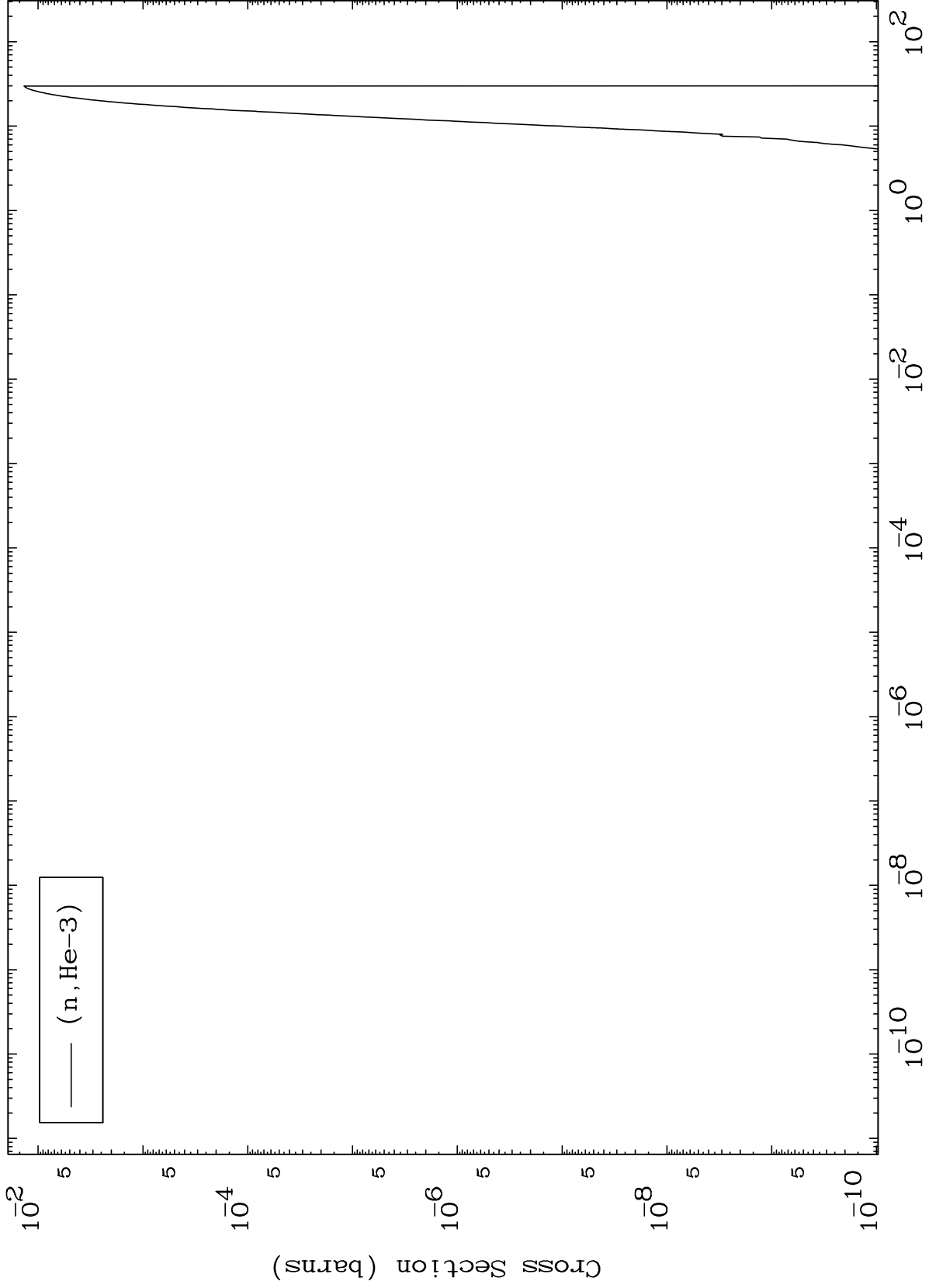
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-148

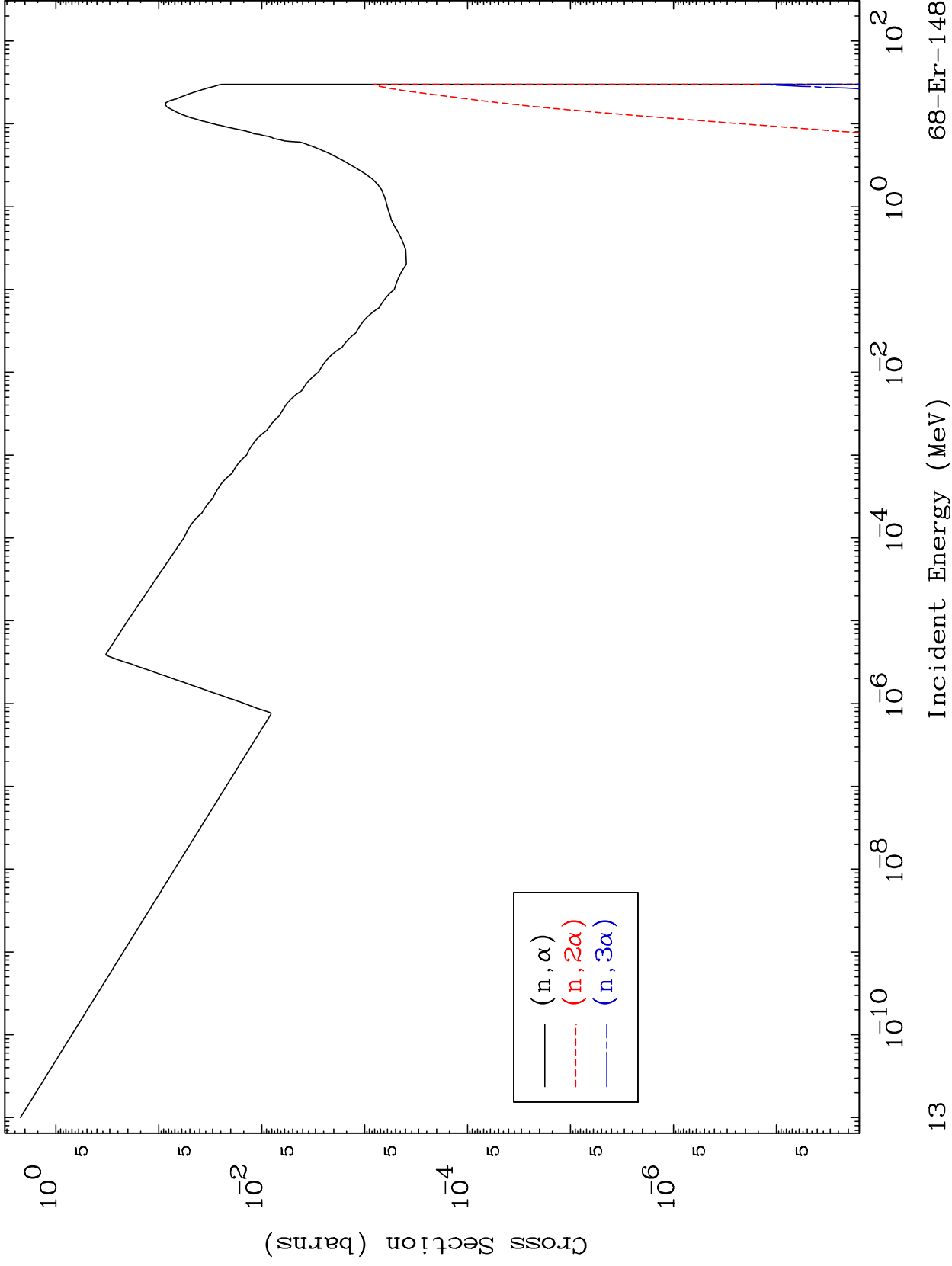


(n, He-3)

MAT 6783

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

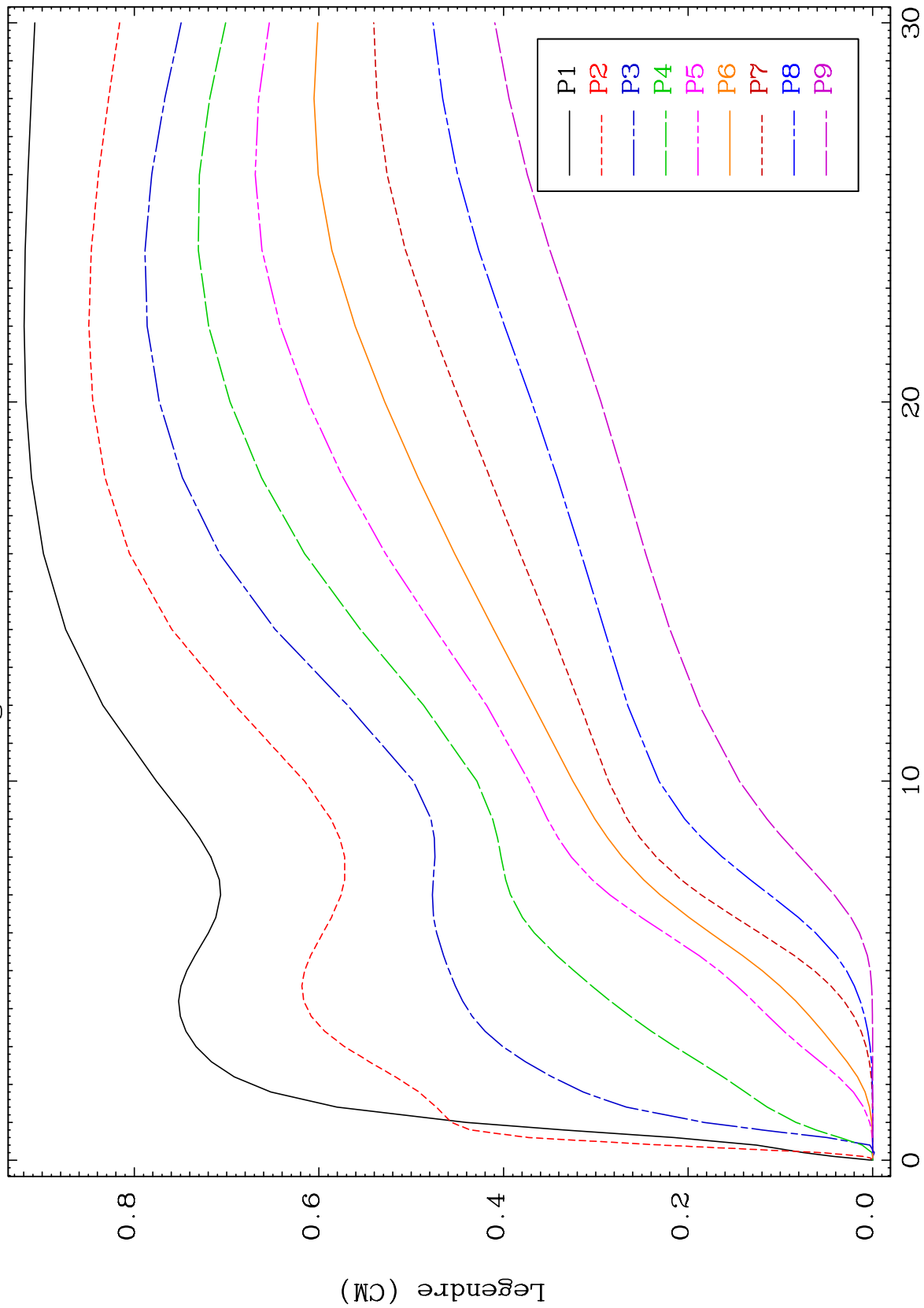
68-Er-148



MAT 6783

Elastic Legendre Coefficients

68-Er-148



14

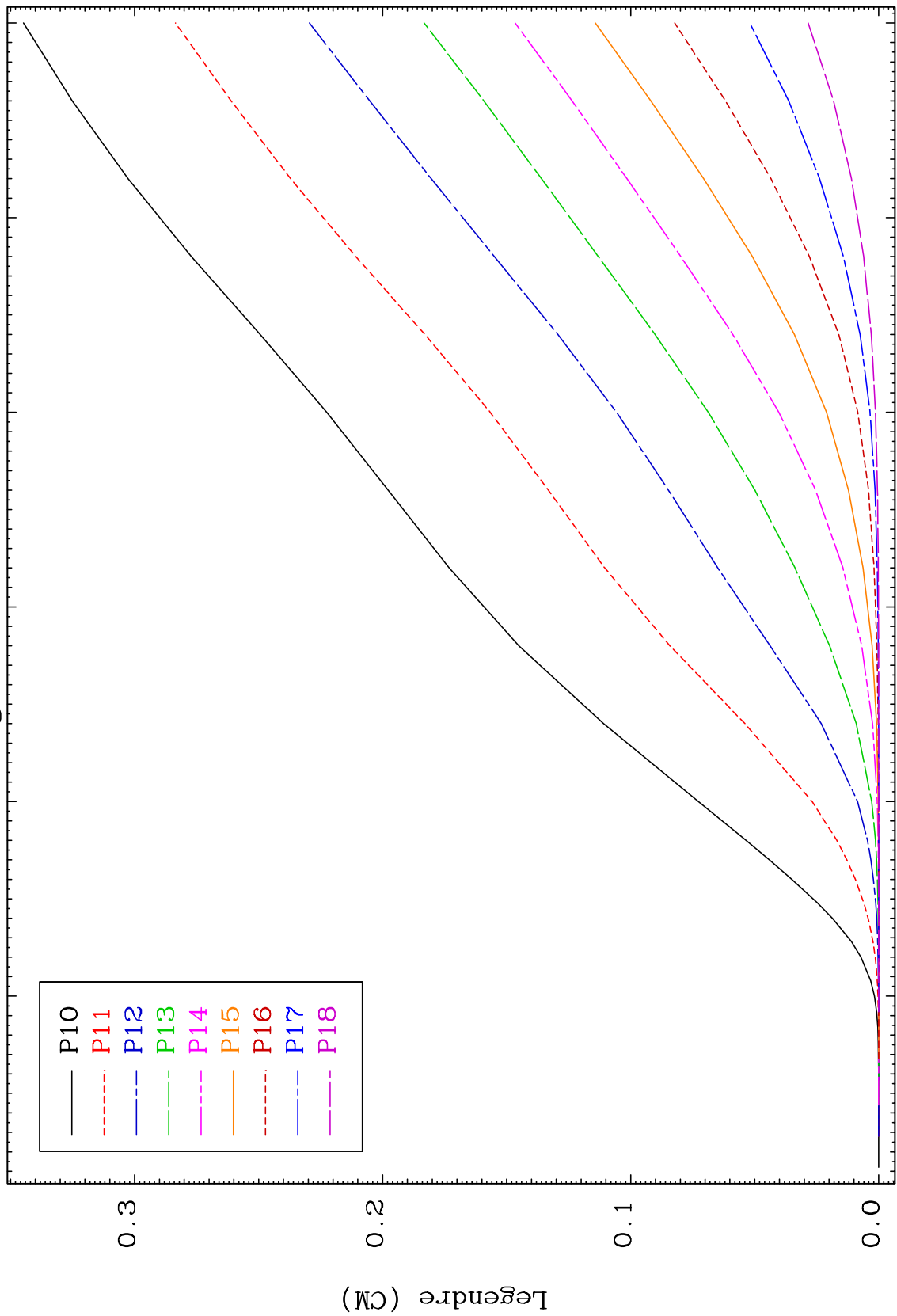
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic Legendre Coefficients

68-Er-148



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Incident Energy (MeV)

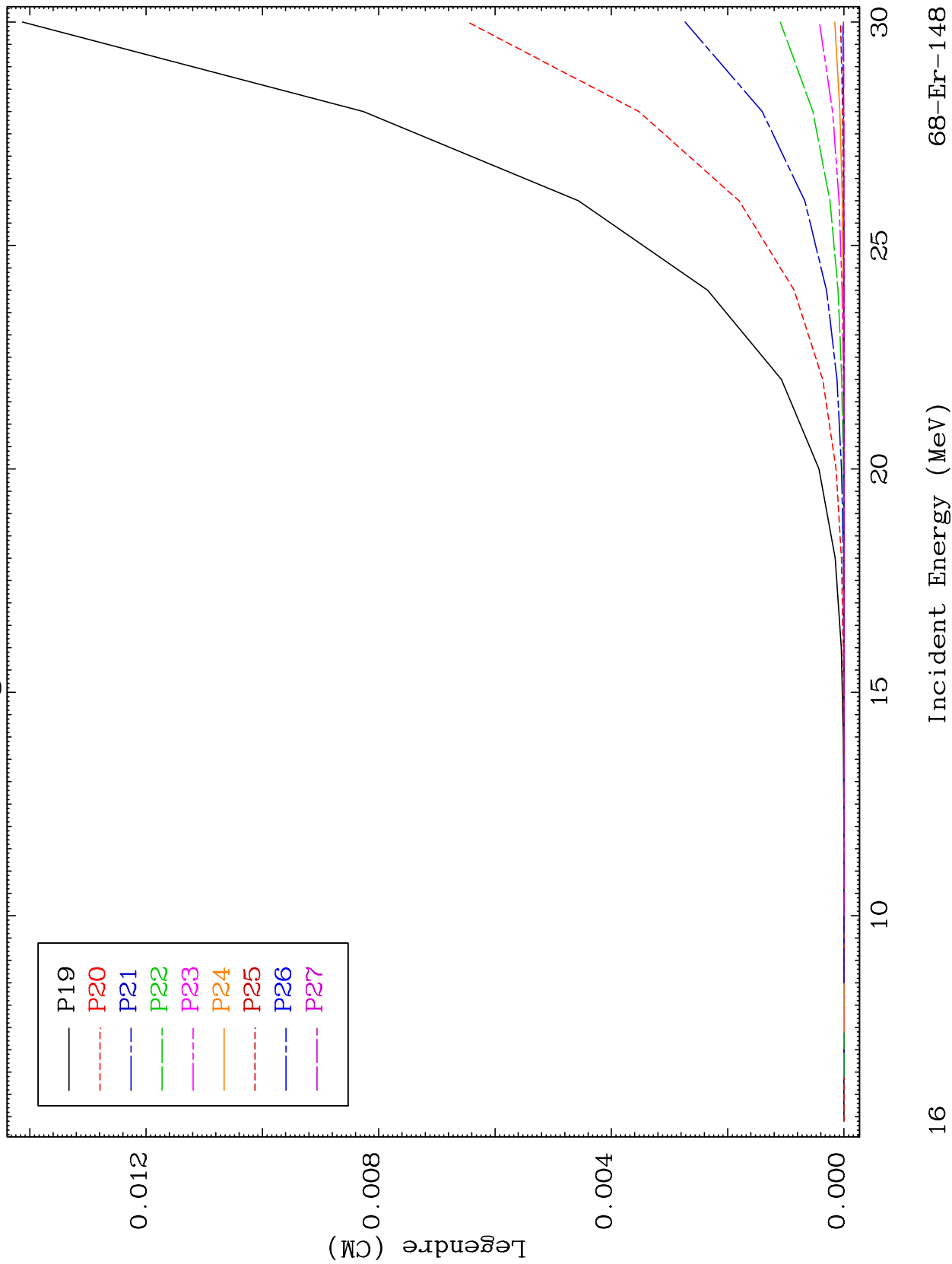
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MAT 6783

### Elastic Legendre Coefficients

68-Er-148



16

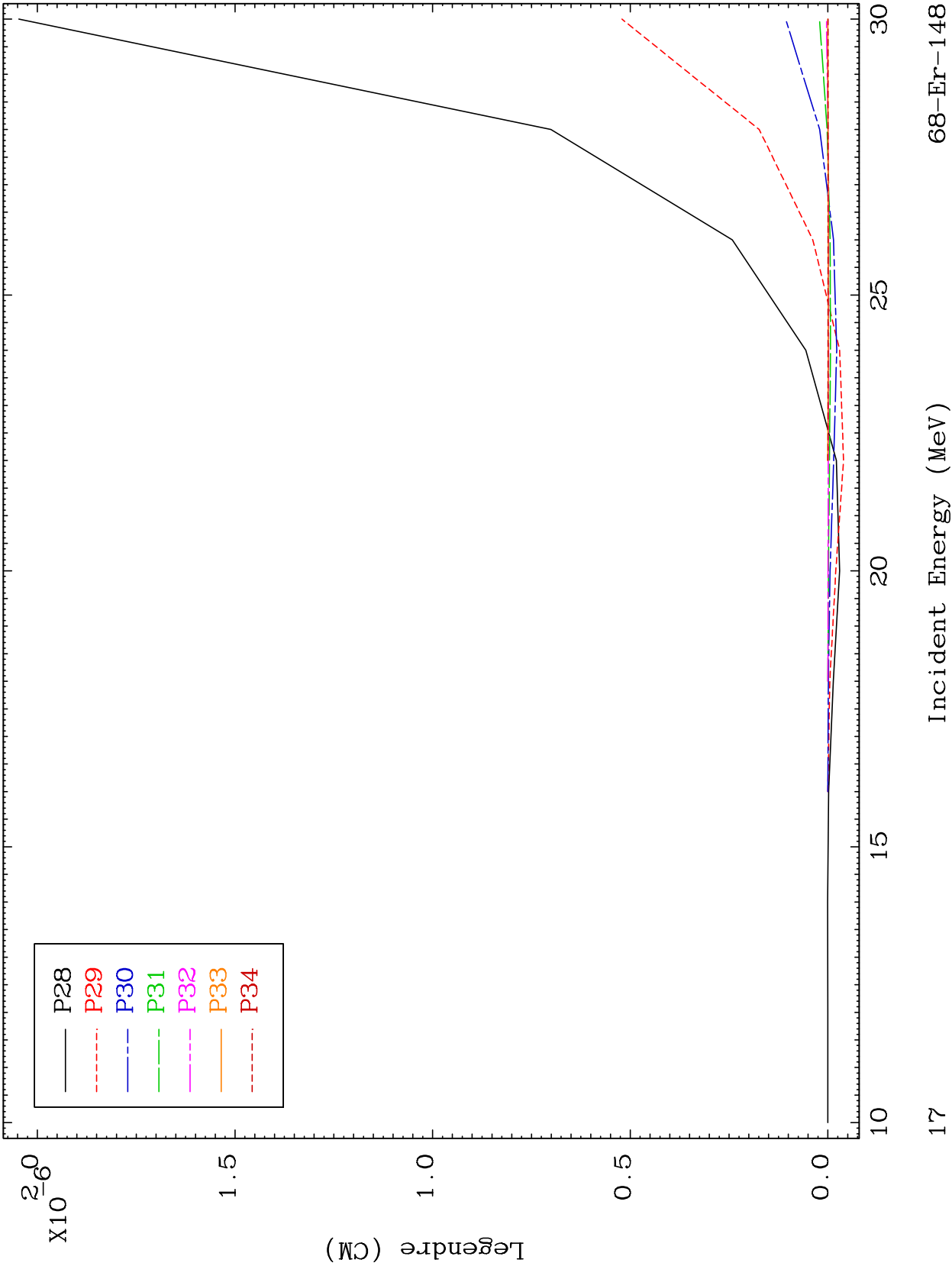
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic  
Legendre Coefficients

68-Er-148



17

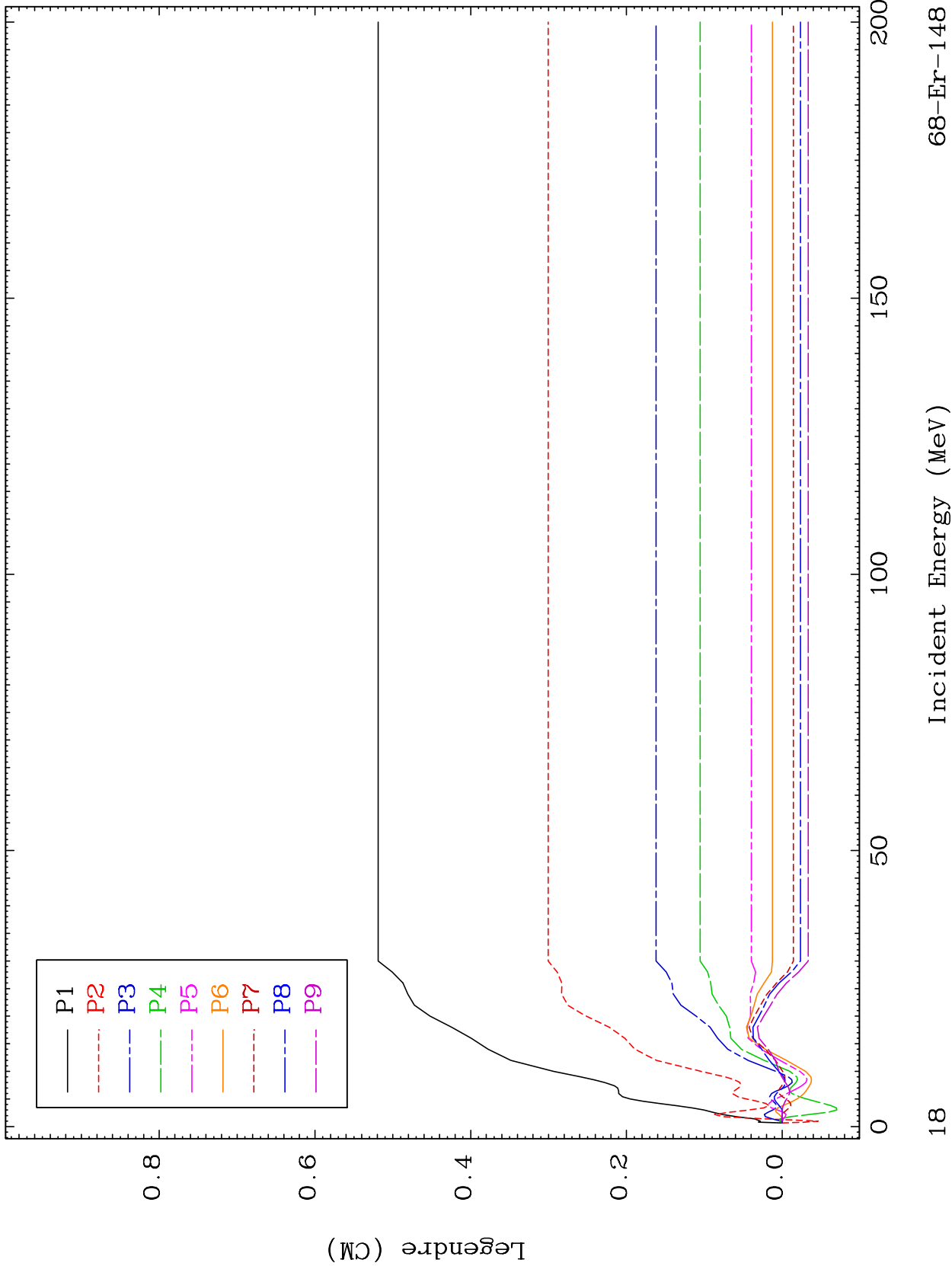
Incident Energy (MeV)

68-Er-148

MAT 6783

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

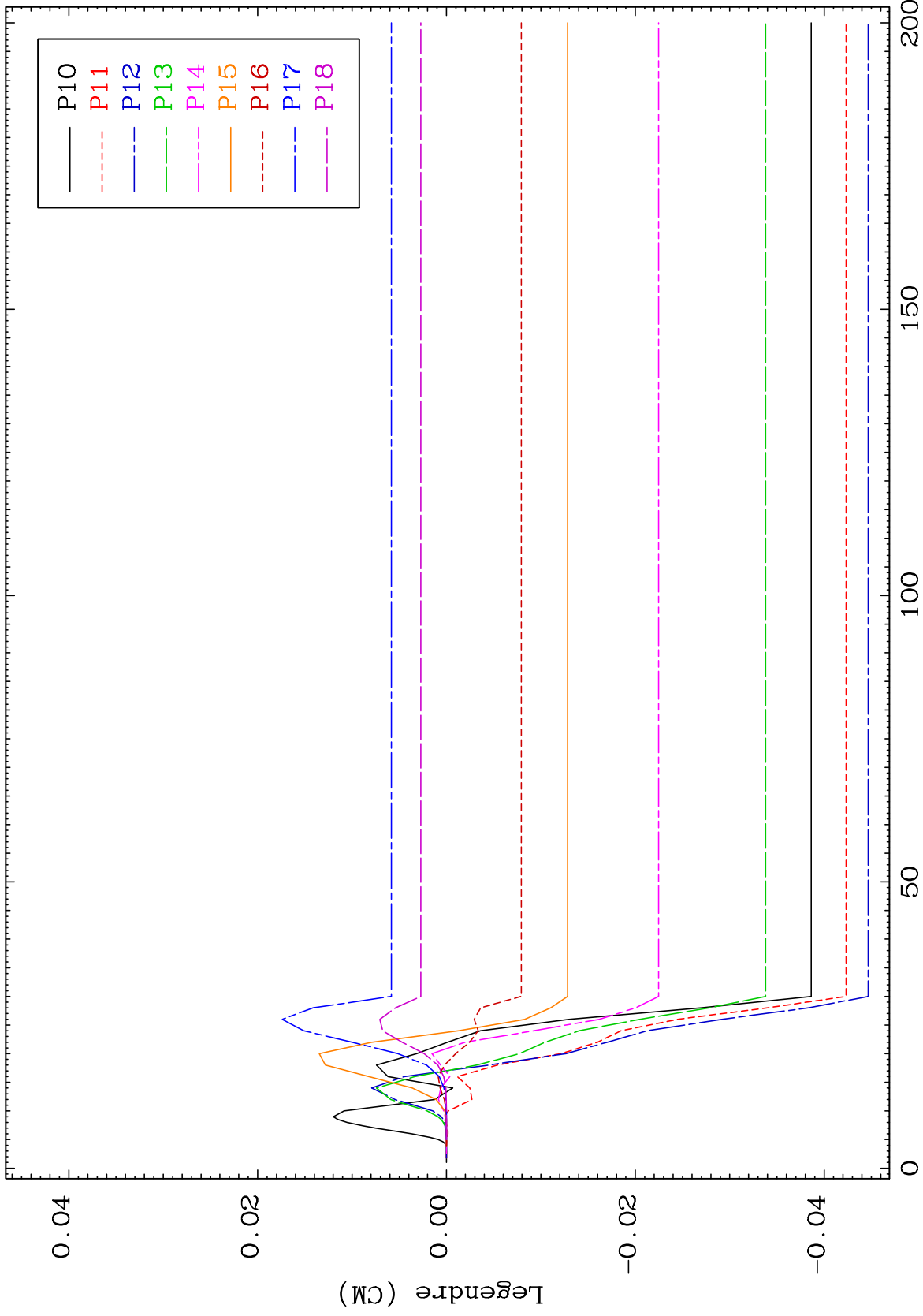
68-Er-148



MAT 6783

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

68-Er-148



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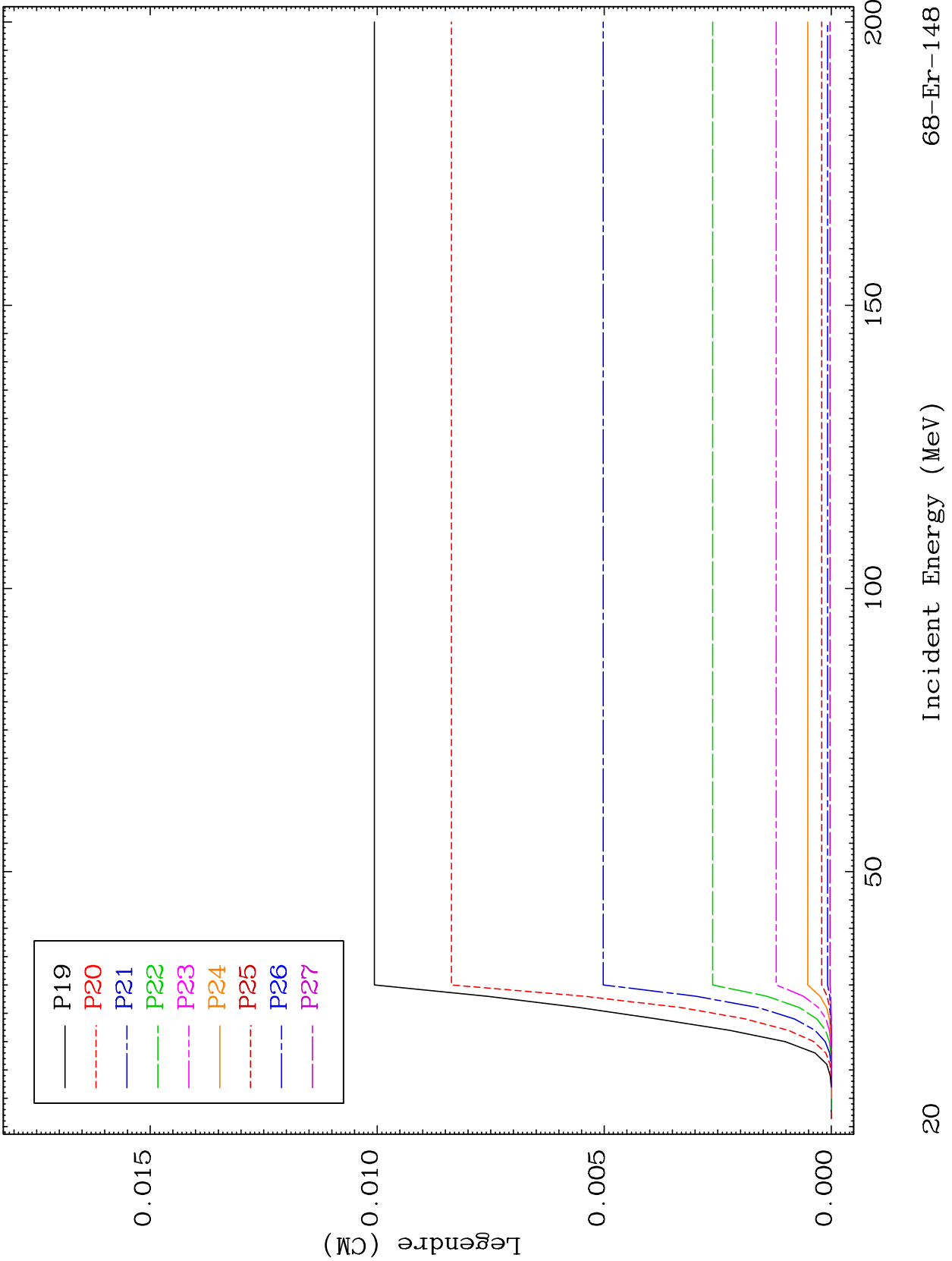
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



20

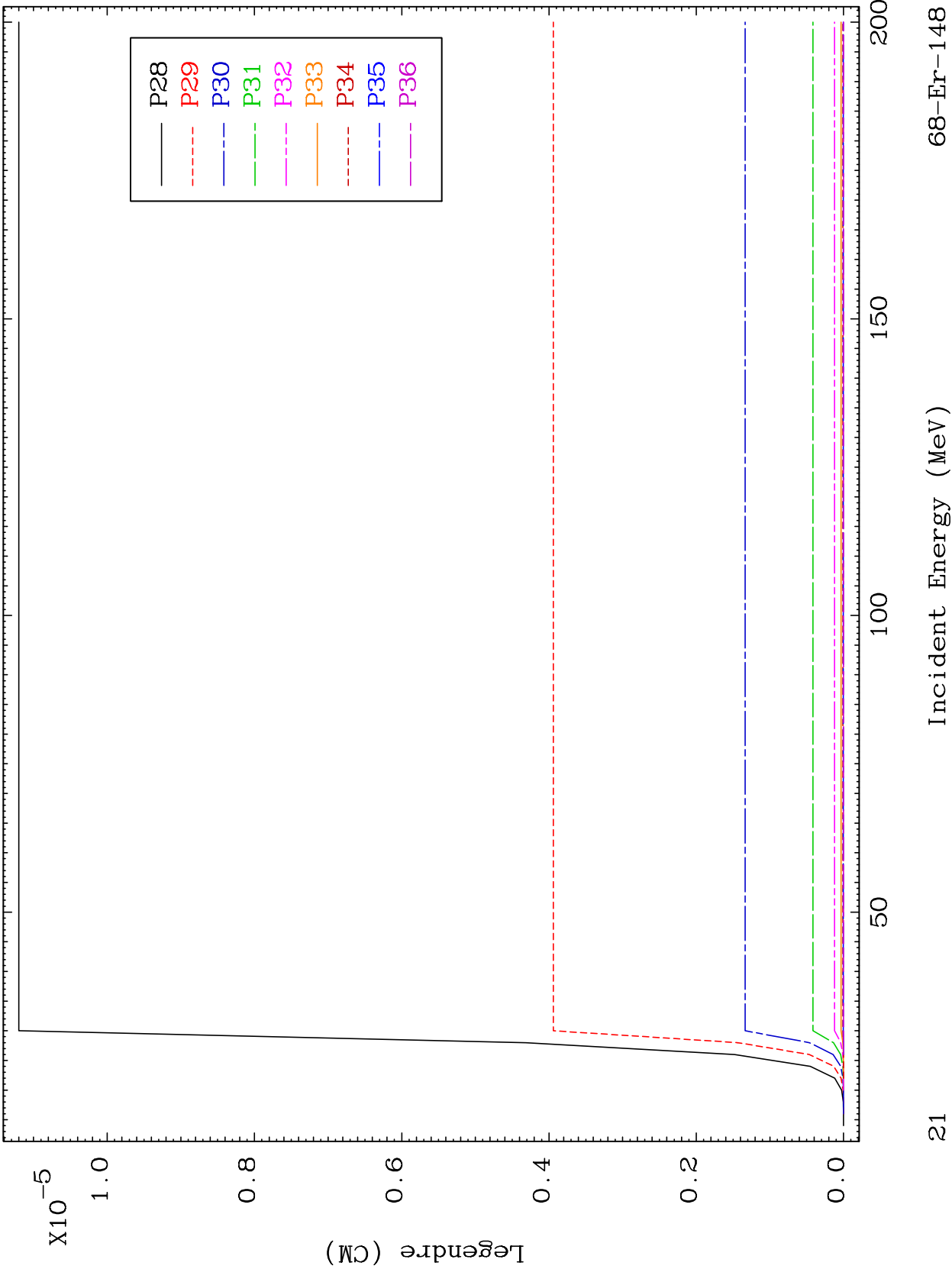
Incident Energy (MeV)

68-Er-148

MAT 6783

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

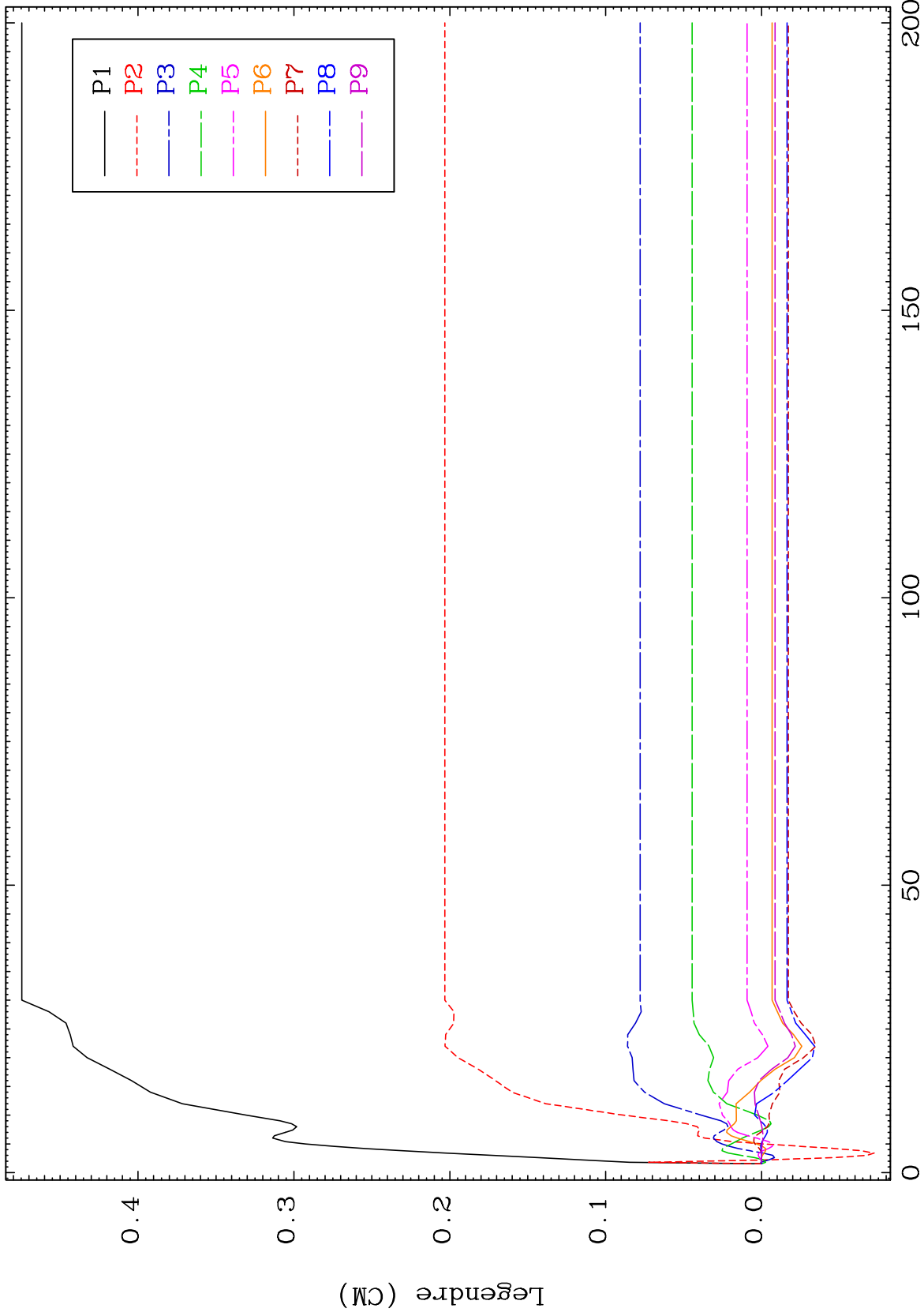
68-Er-148



MAT 6783

MT= 52 (n,n') Level  
Legendre Coefficients

68-Er-148



22

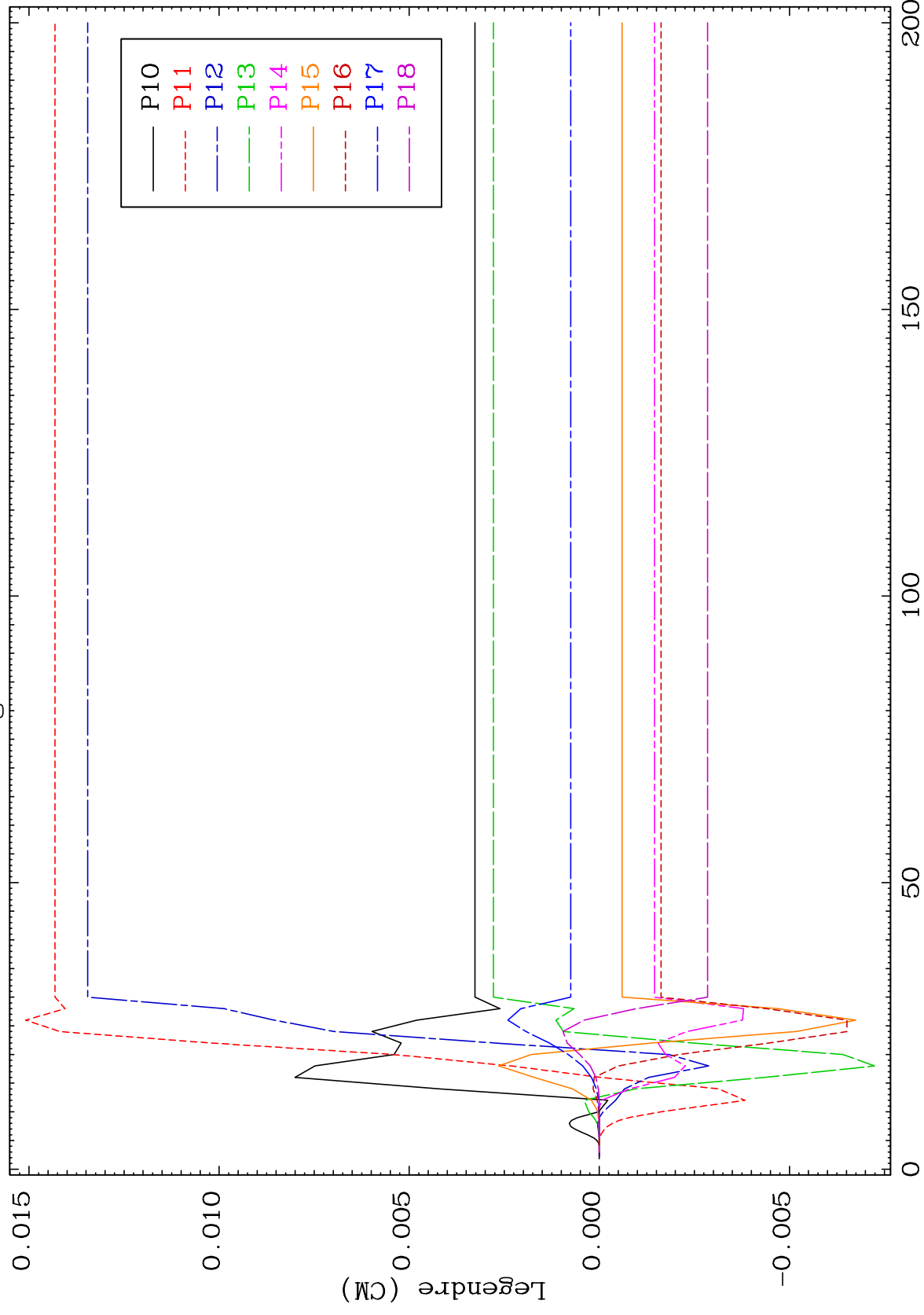
Incident Energy (MeV)

68-Er-148

MAT 6783

MT= 52 (n,n') Level  
Legendre Coefficients

68-Er-148



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Incident Energy (MeV)

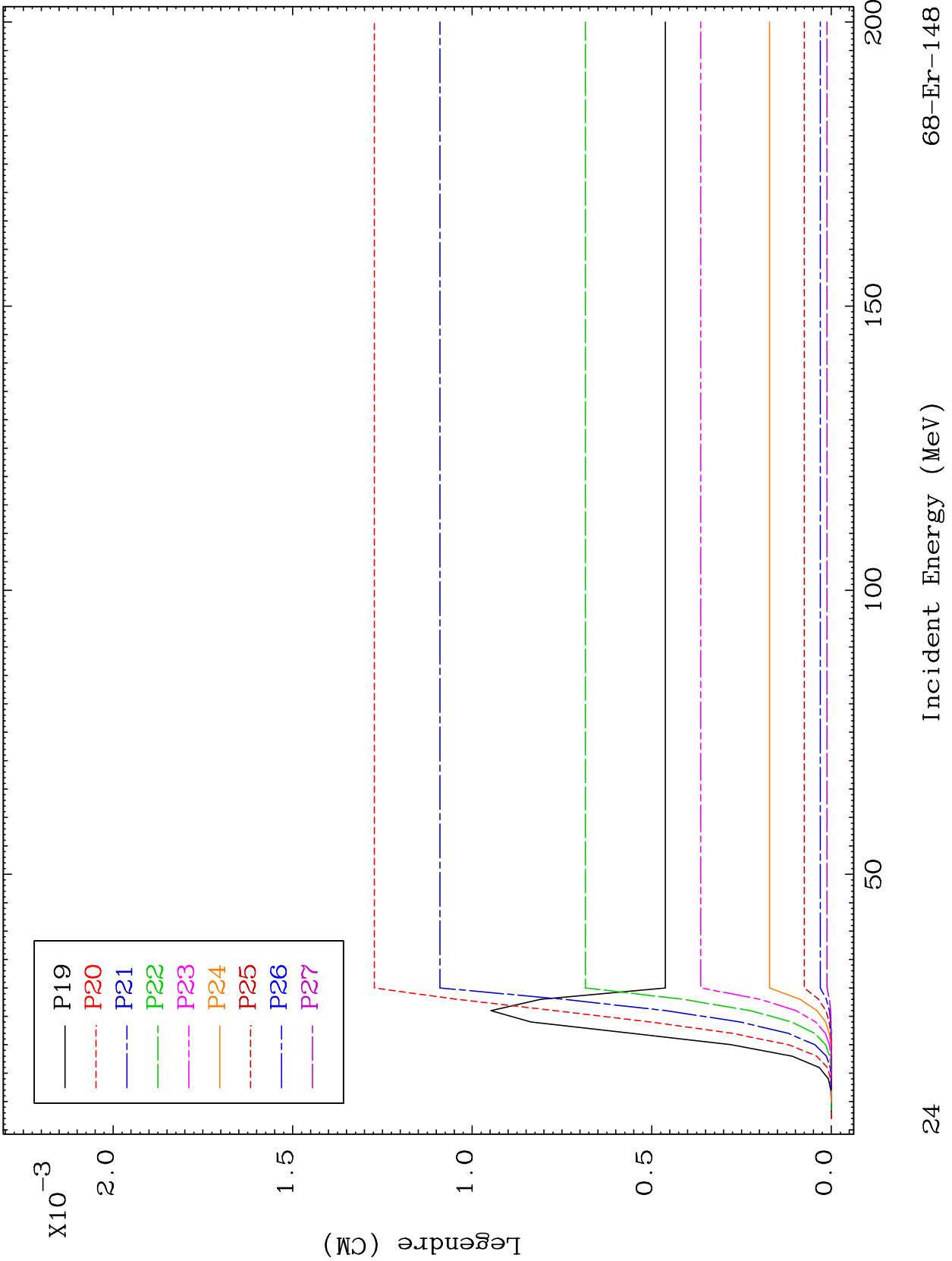
68-Er-148



MAT 6783

MT= 52 (n,n') Level  
Legendre Coefficients

68-Er-148



24

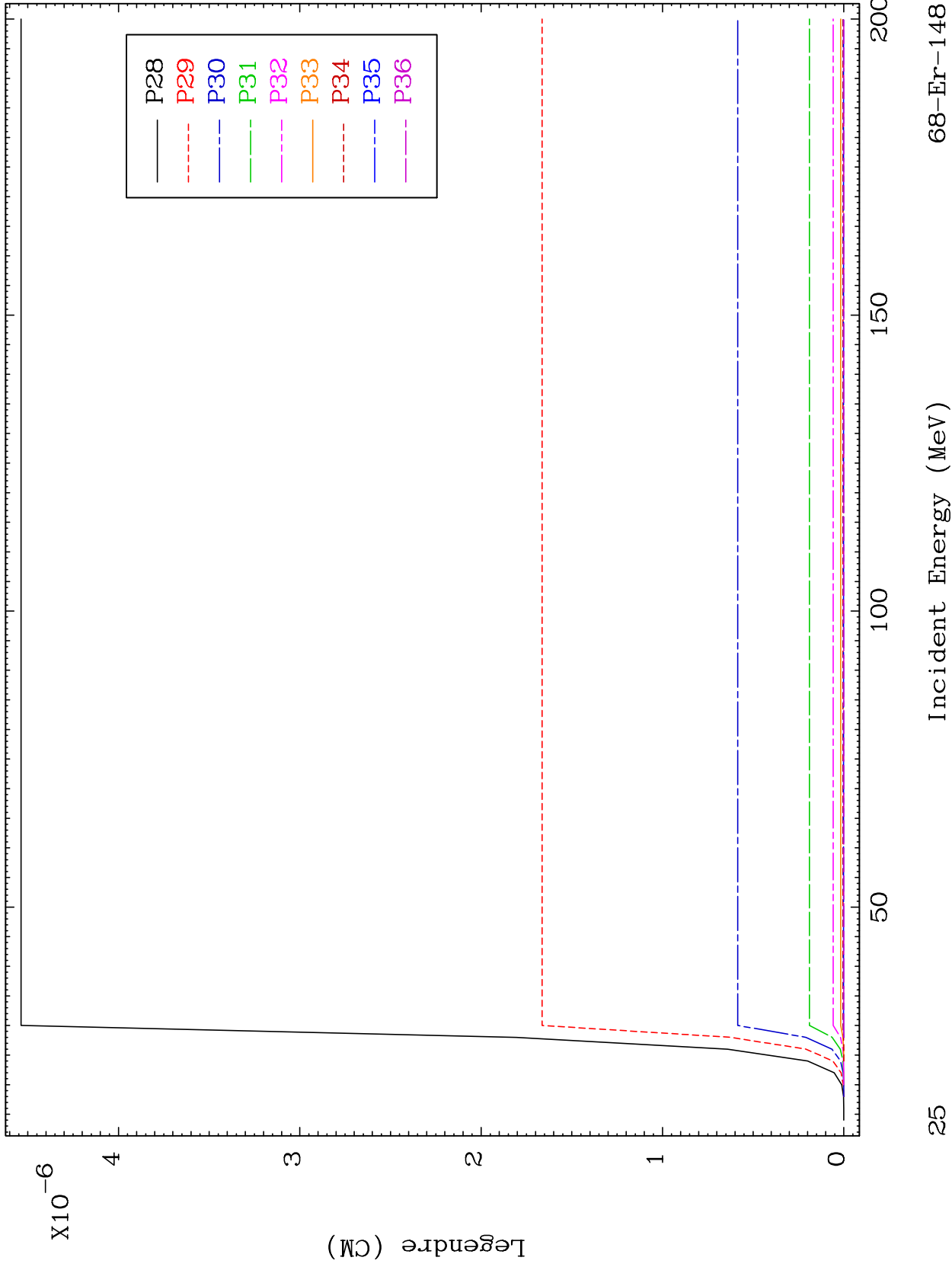
Incident Energy (MeV)

68-Er-148

MAT 6783

MT= 52 (n,n') Level  
Legendre Coefficients

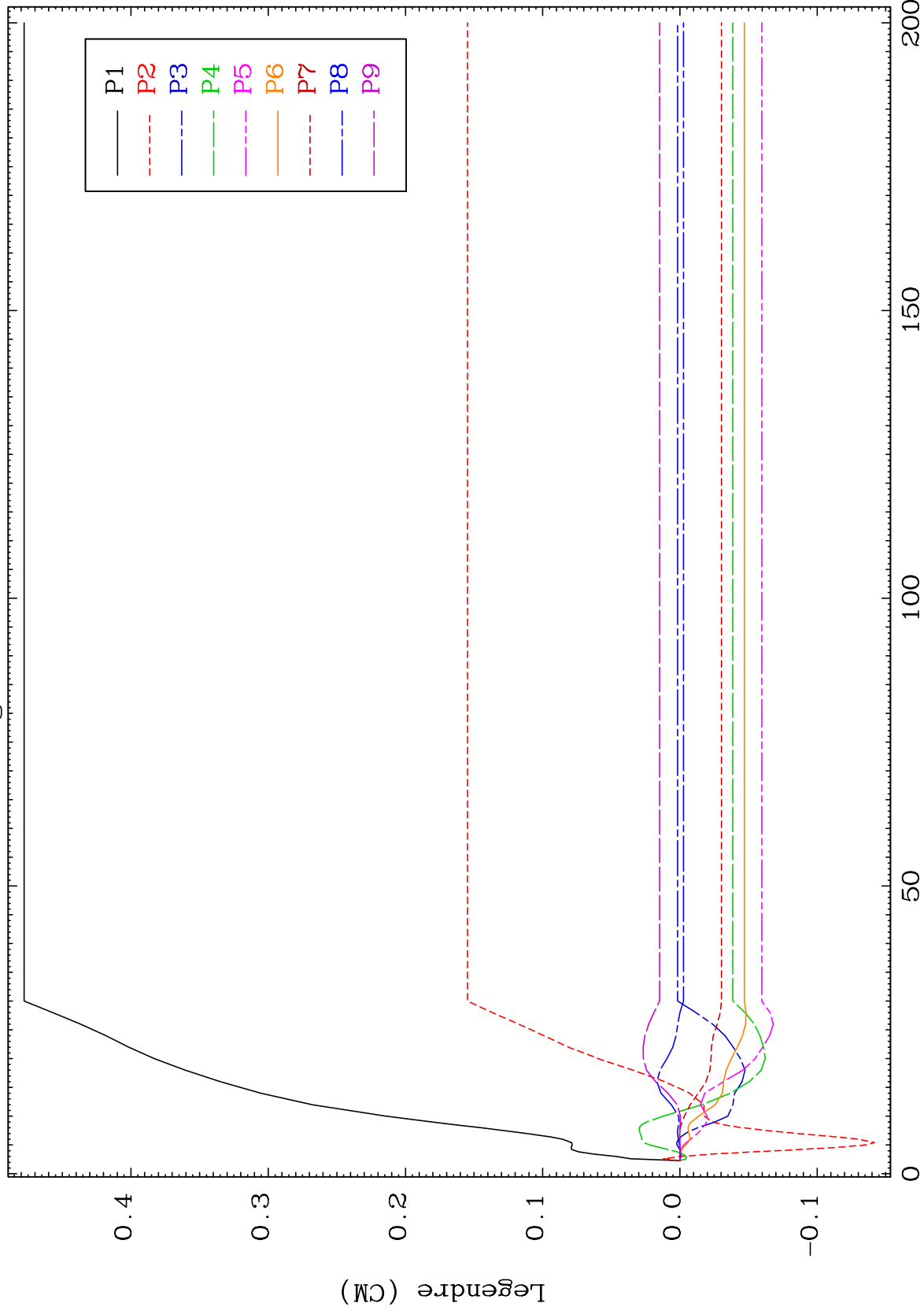
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MAT 6783

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

68-Er-148



26

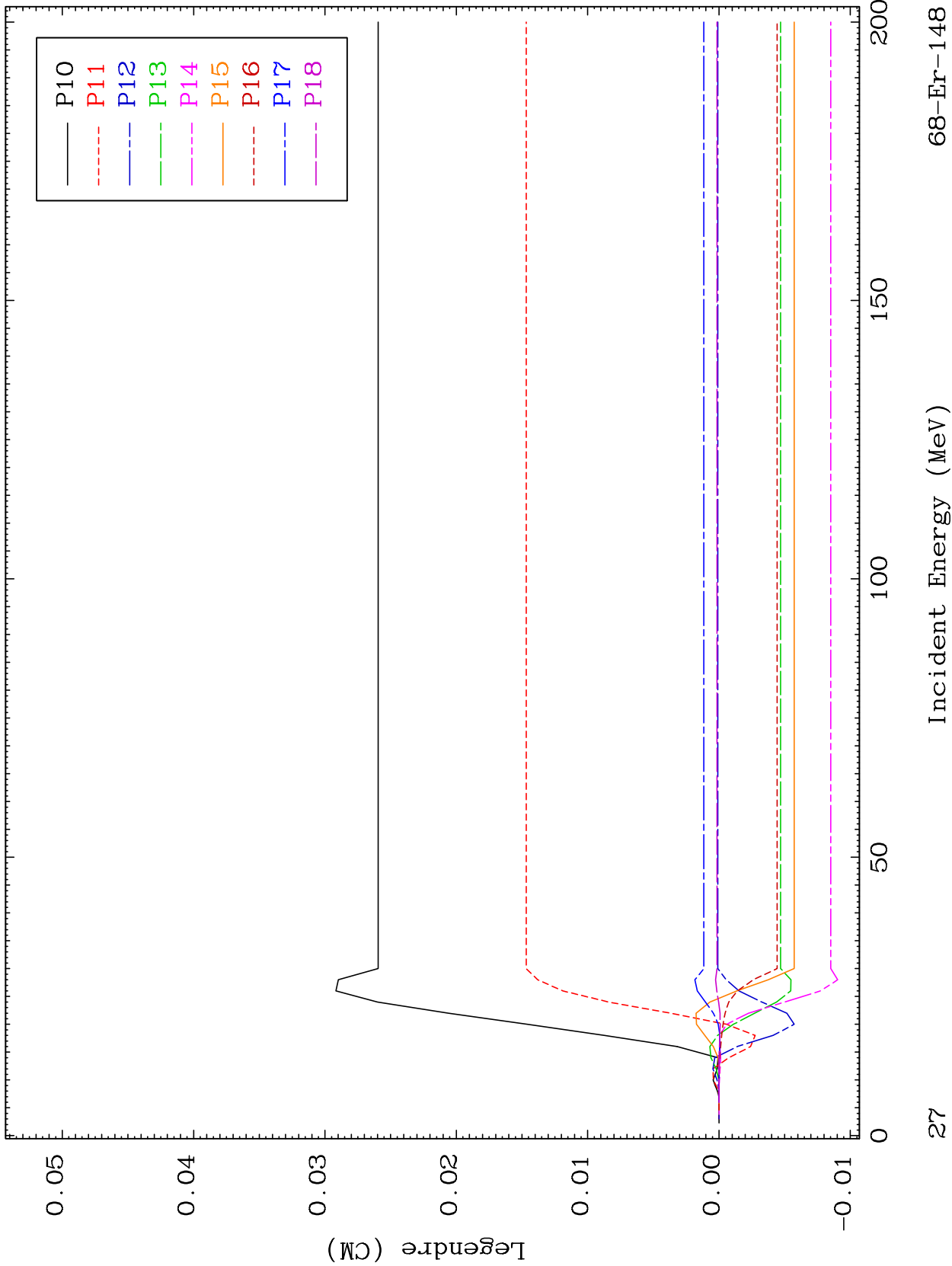
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



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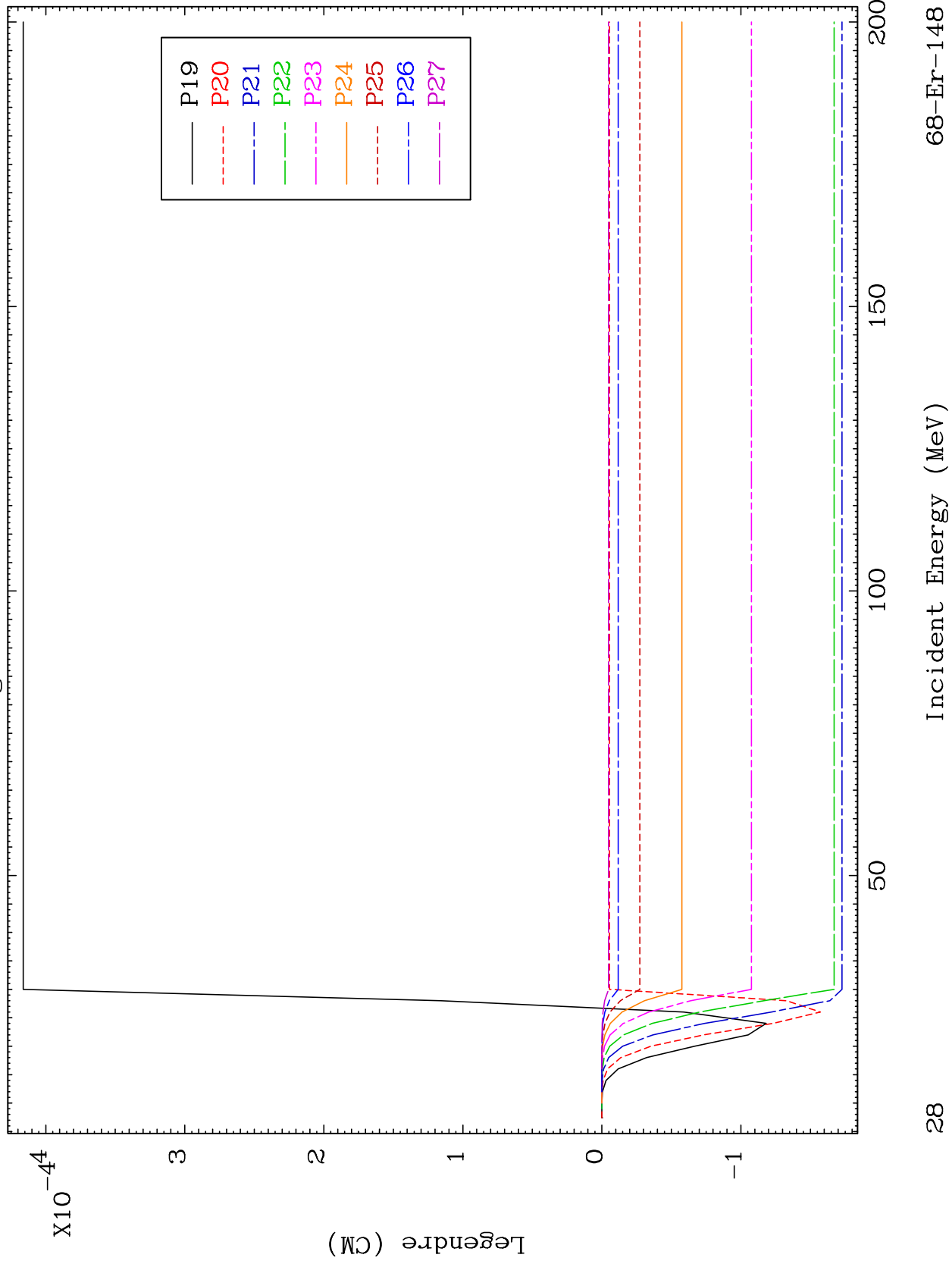
Incident Energy (MeV)

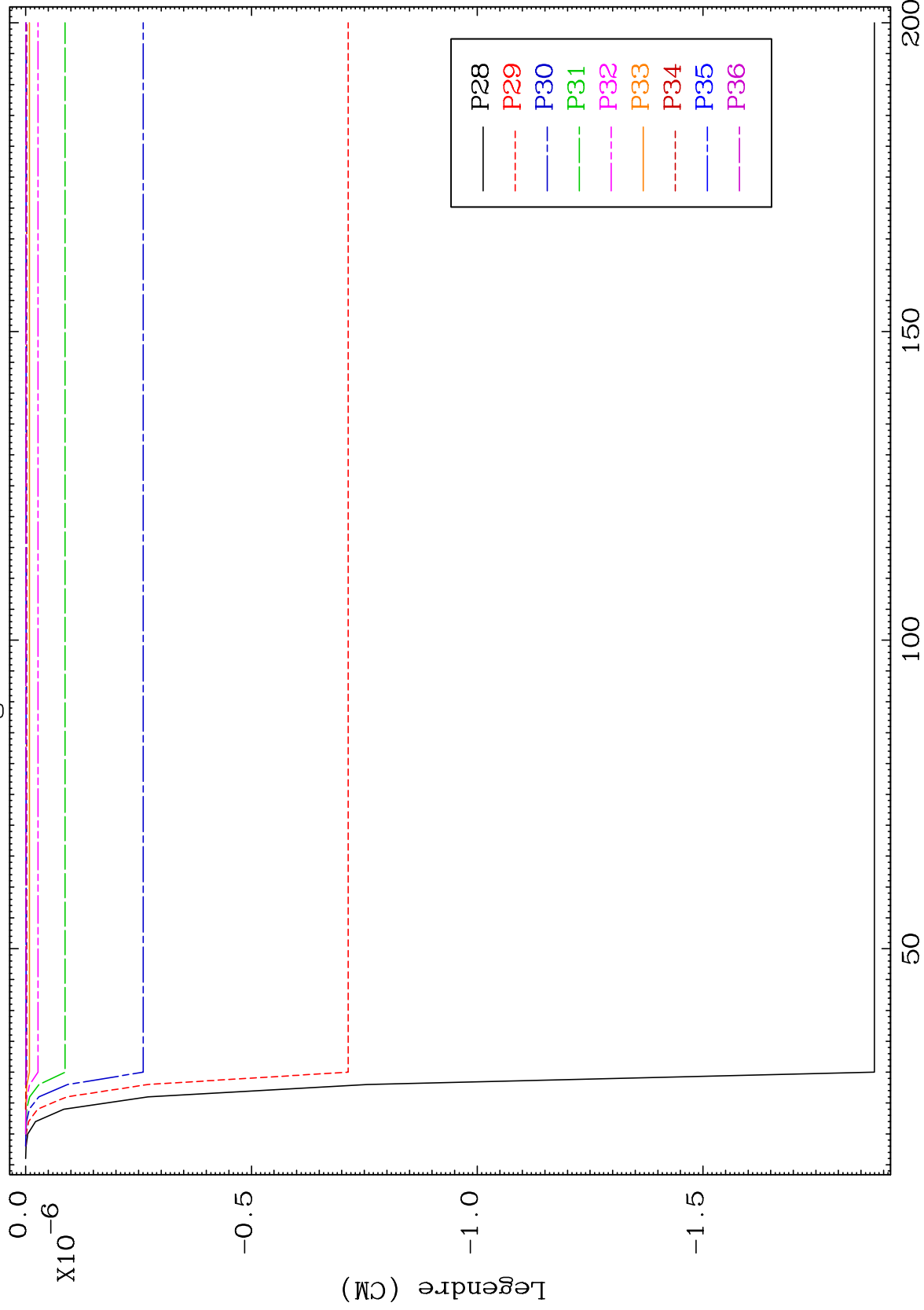
68-Er-148

MAT 6783

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

68-Er-148

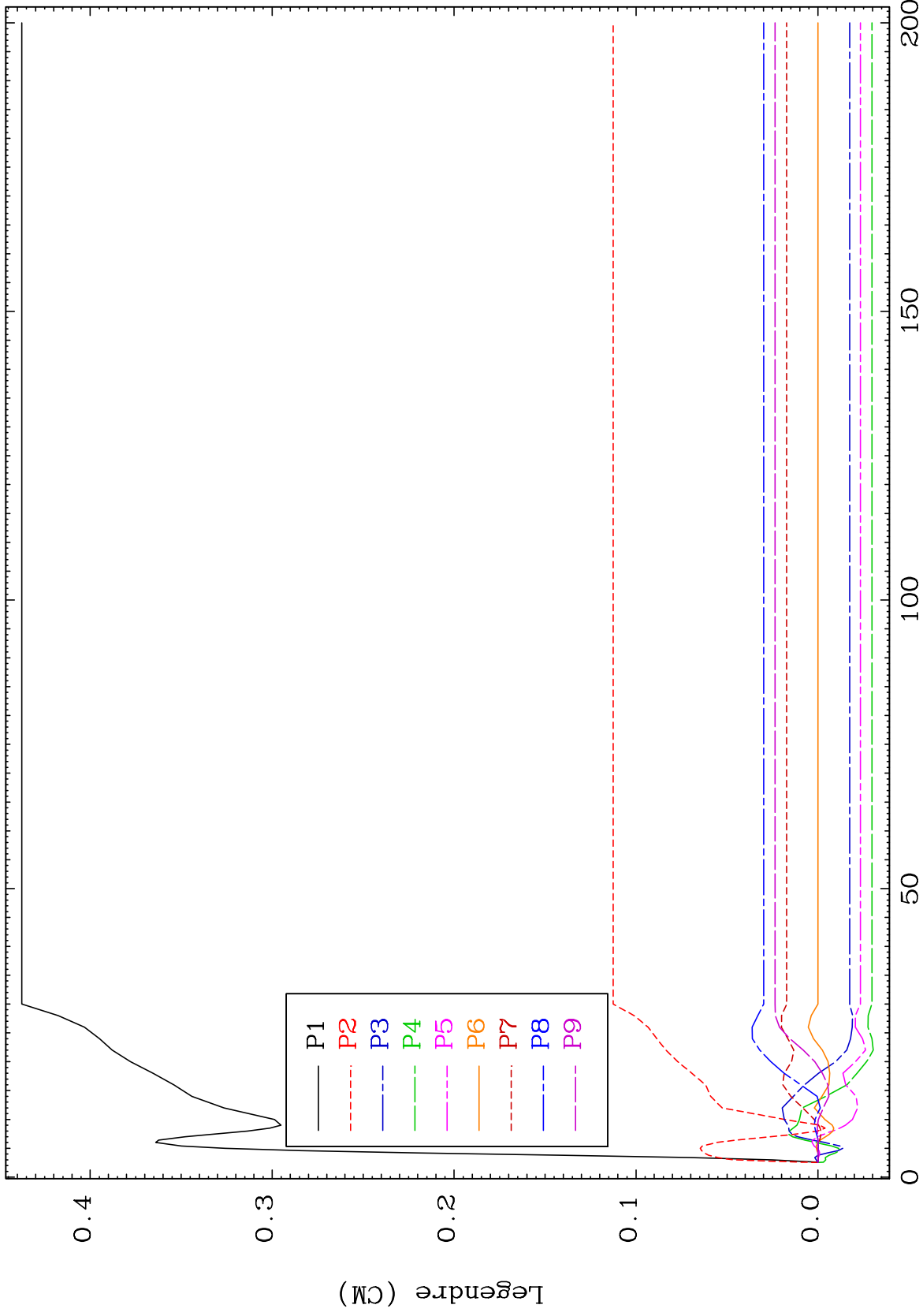




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MT= 54 (n,n') Level  
Legendre Coefficients

68-Er-148



68-Er-148

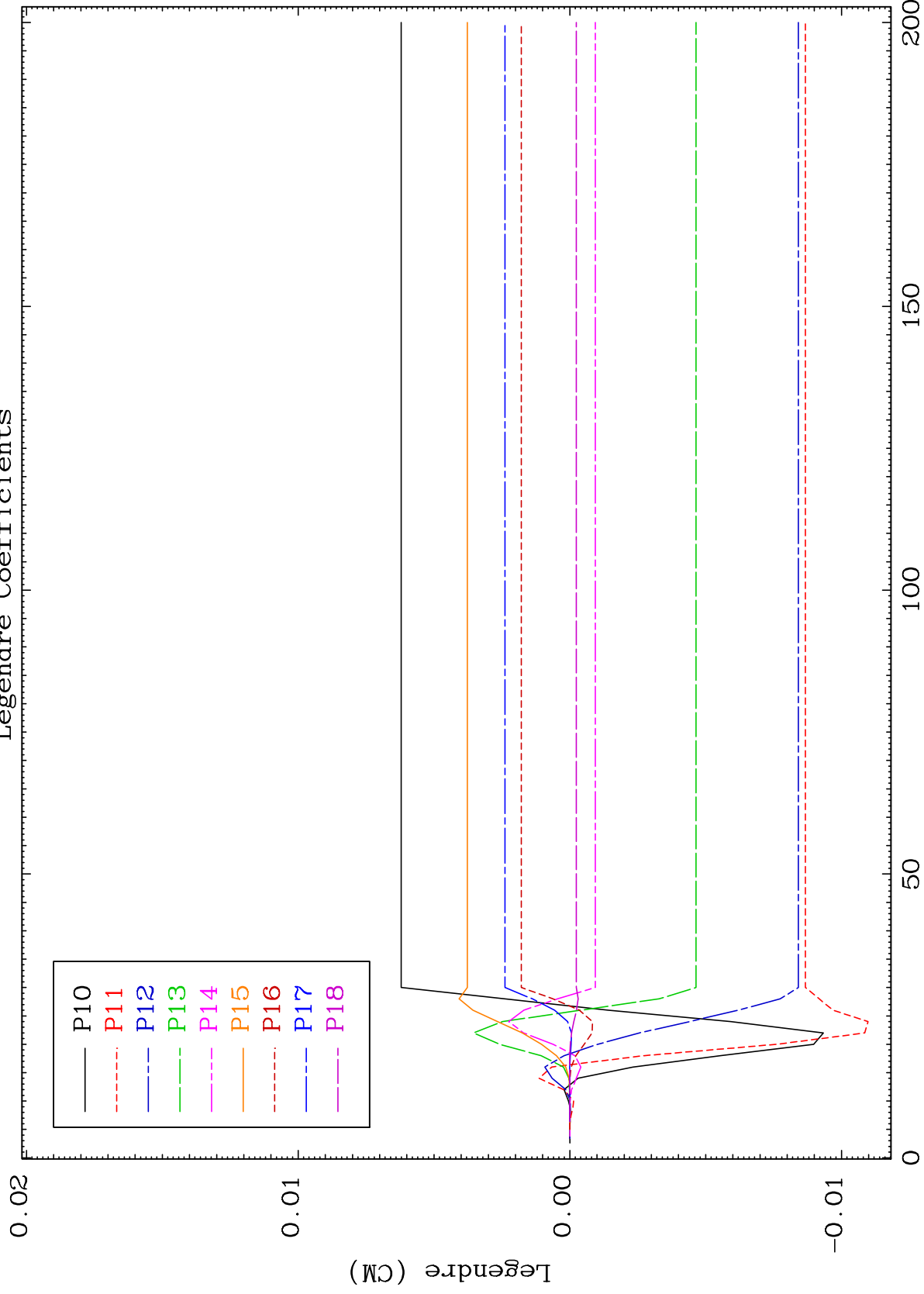
Incident Energy (MeV)

30

MAT 6783

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

68-Er-148



31

Incident Energy (MeV)

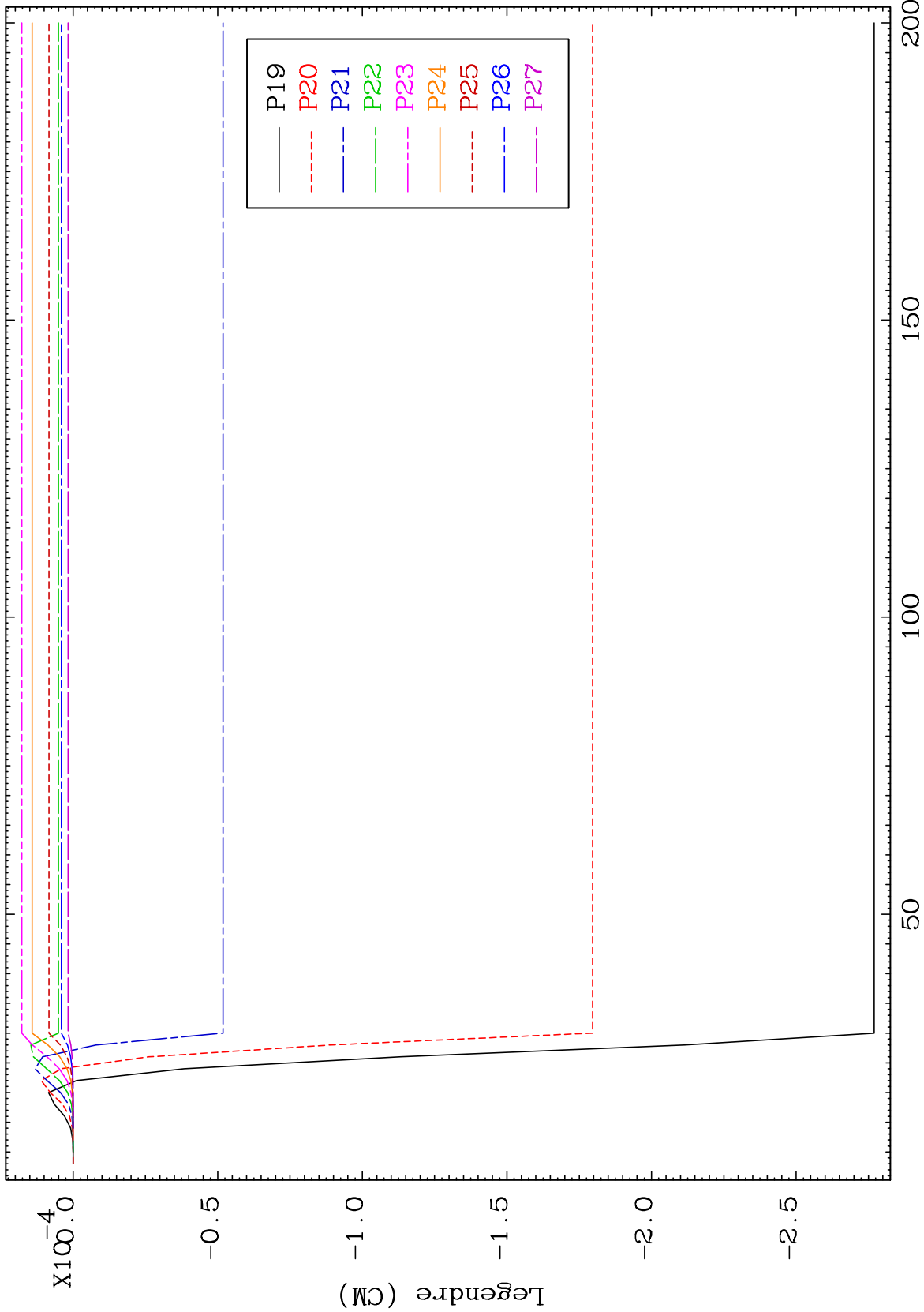
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MAT 6783

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

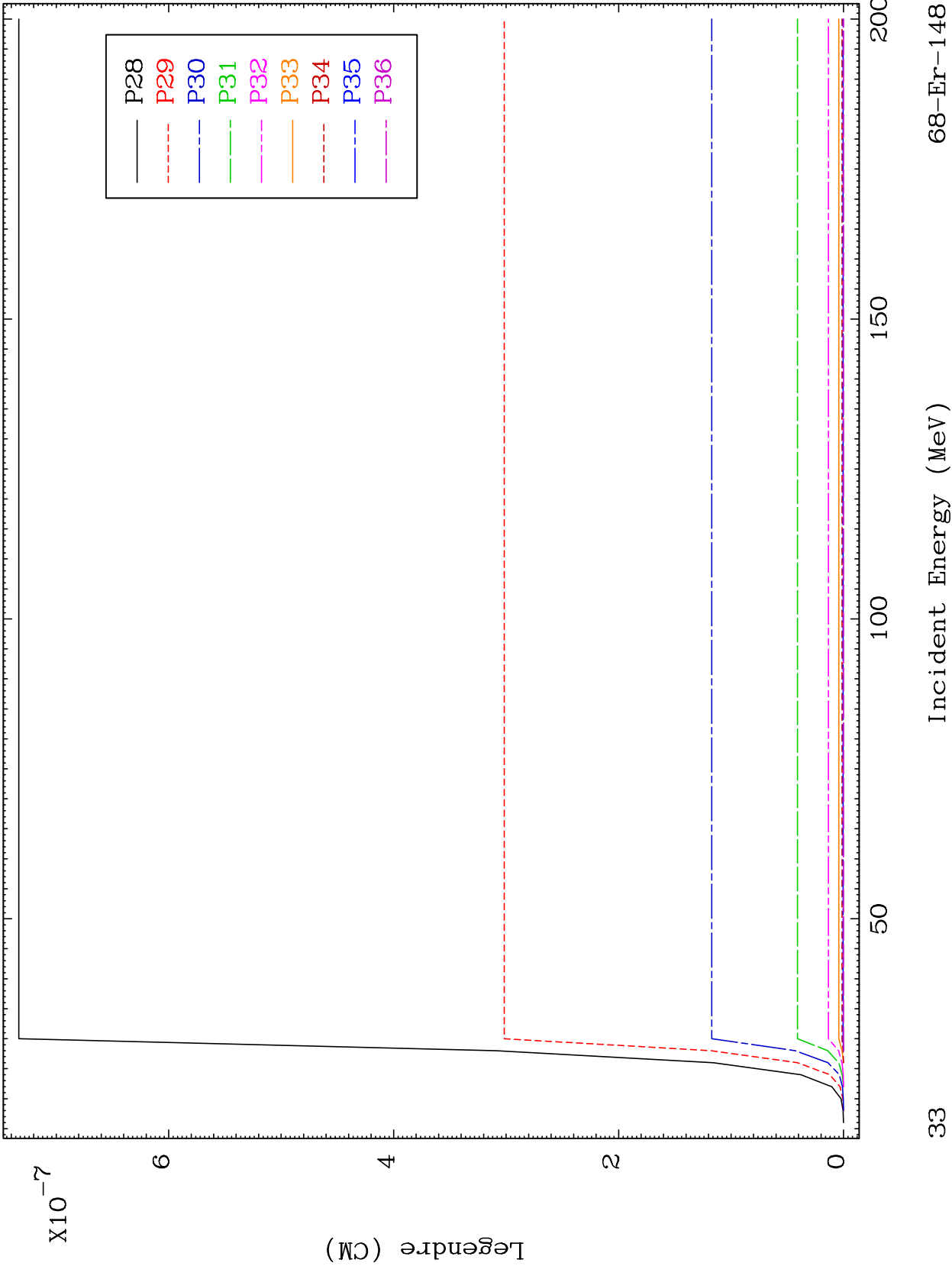
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MAT 6783

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

68-Er-148



33

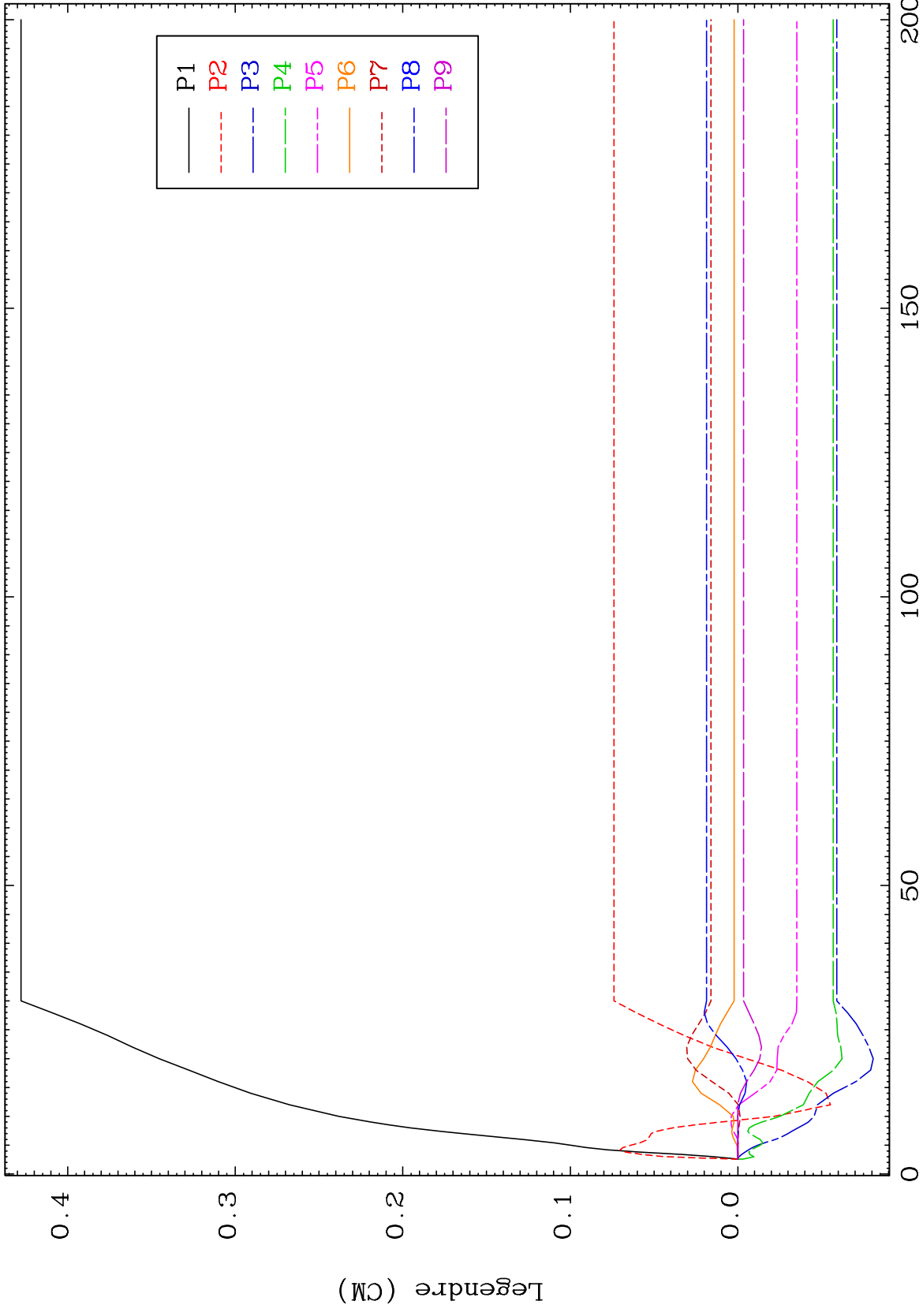
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



34

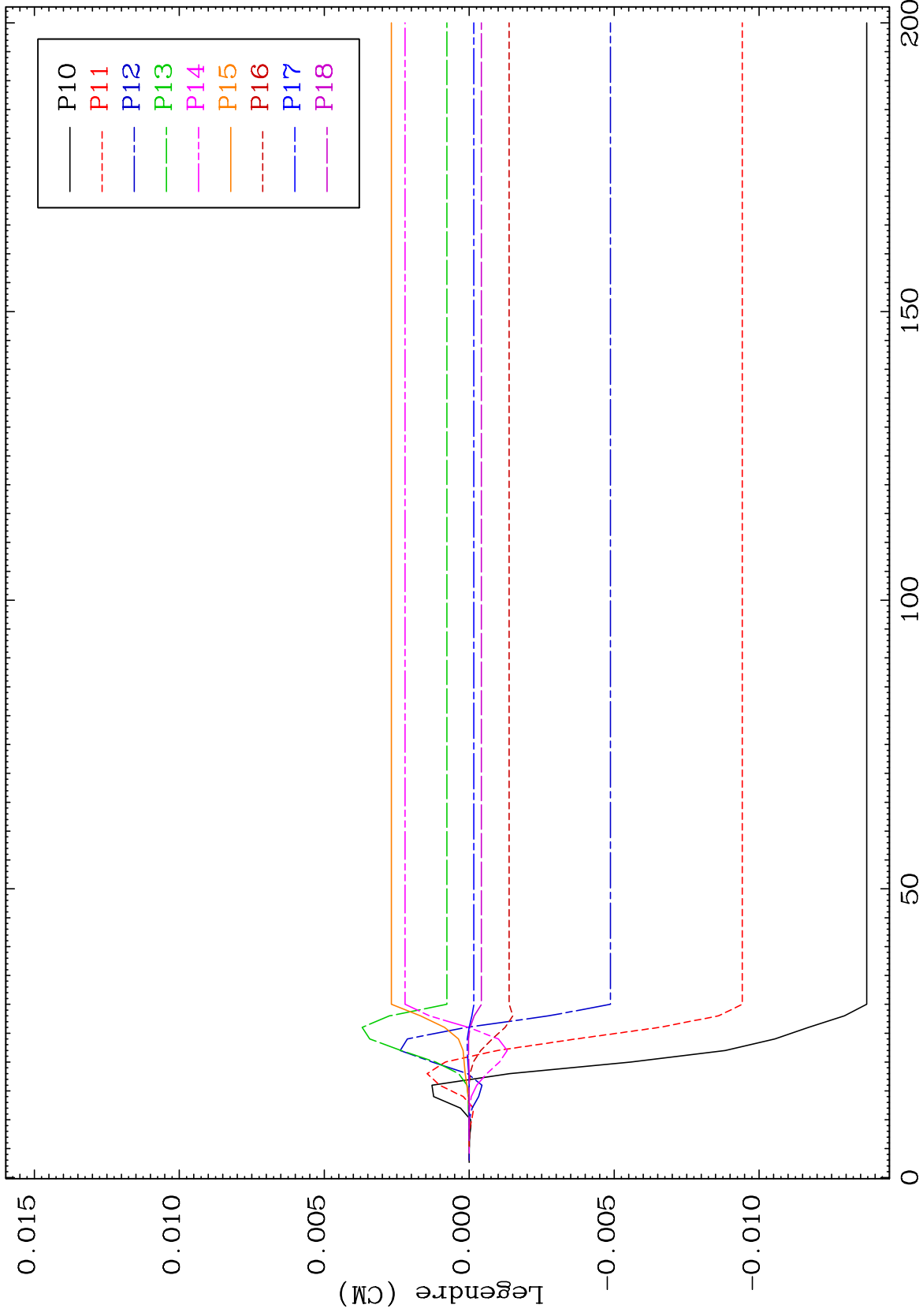
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



35

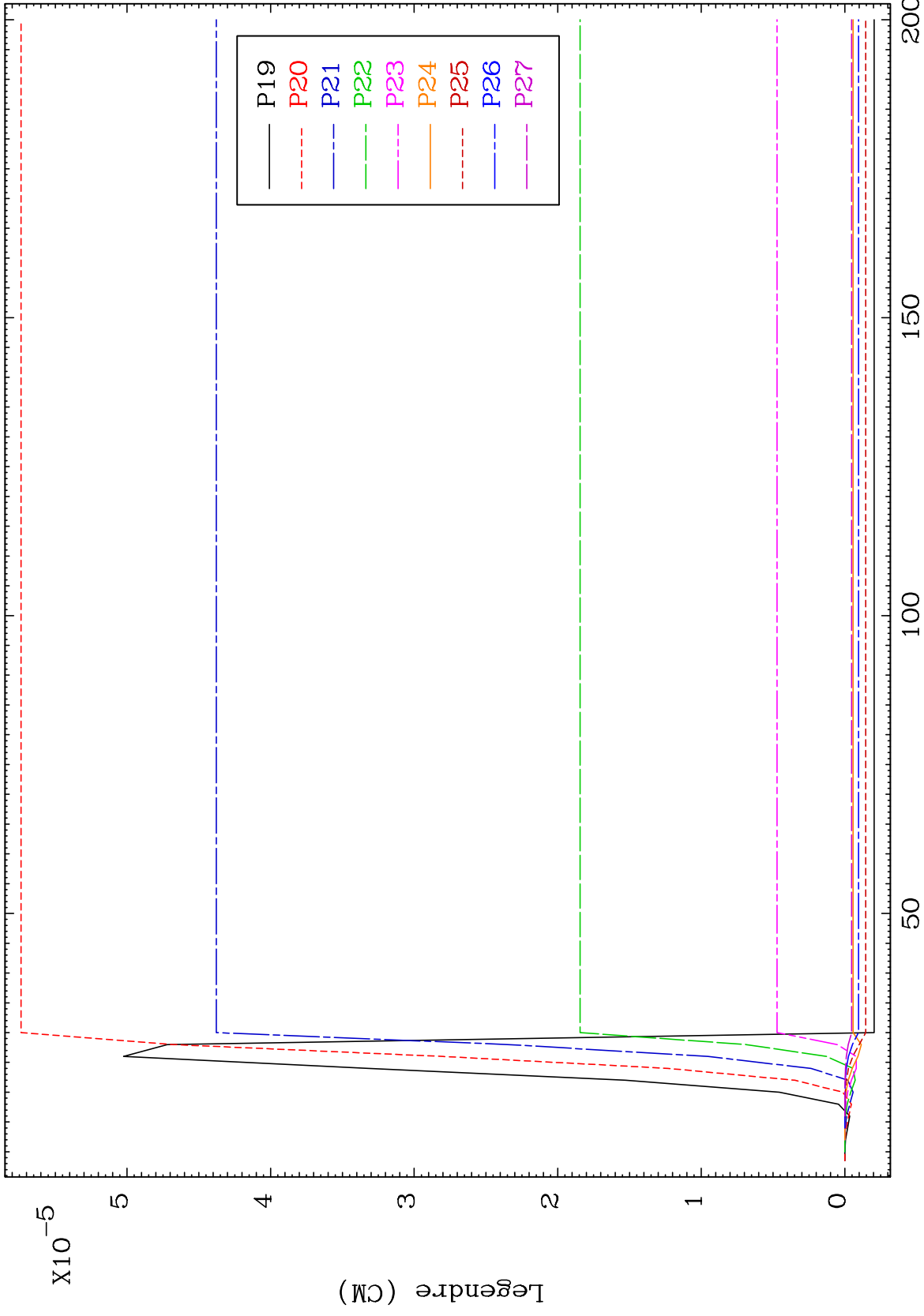
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



36

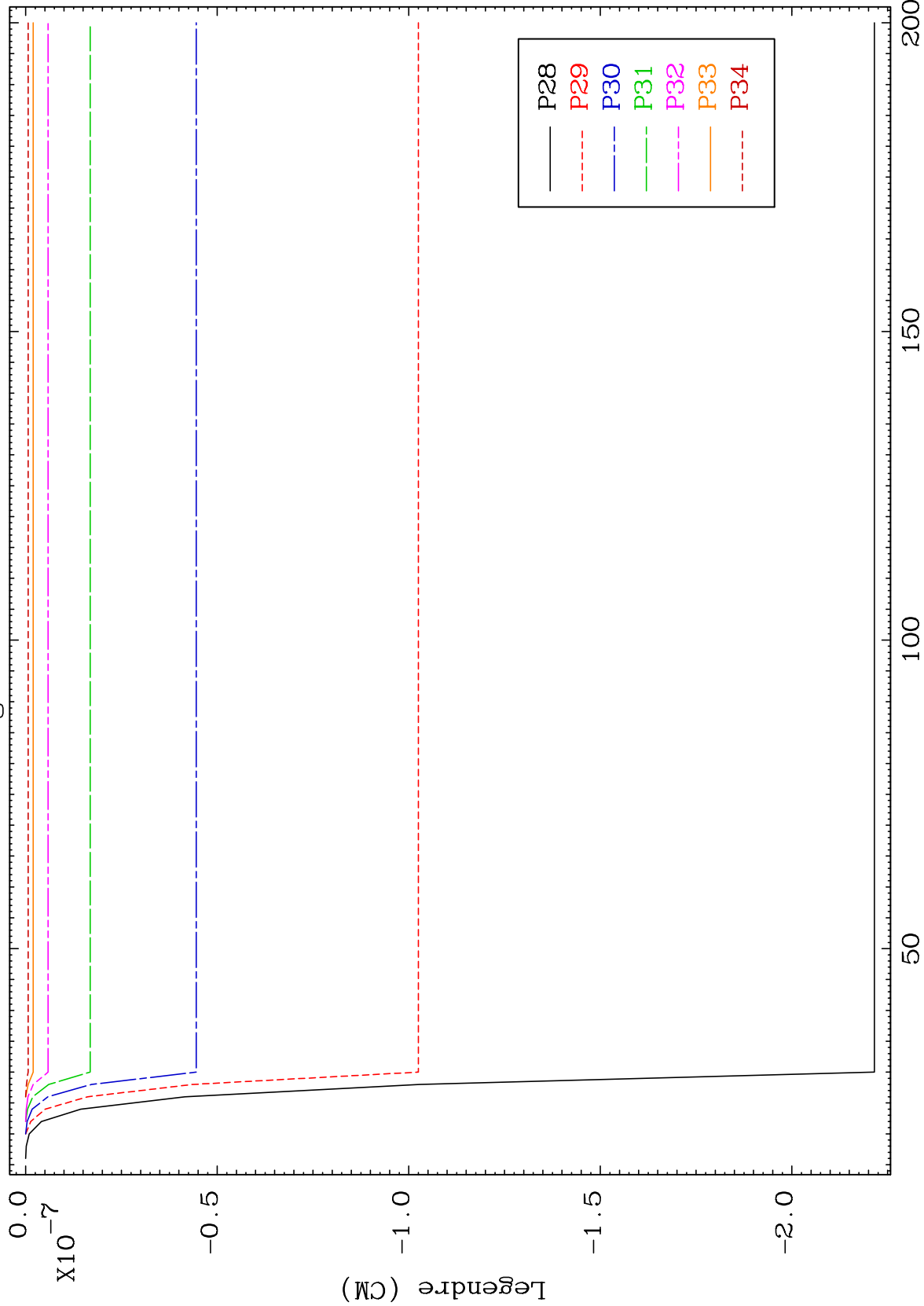
68-Er-148

MAT 6783

MT= 55 (n,n') Level

68-Er-148

Legendre Coefficients



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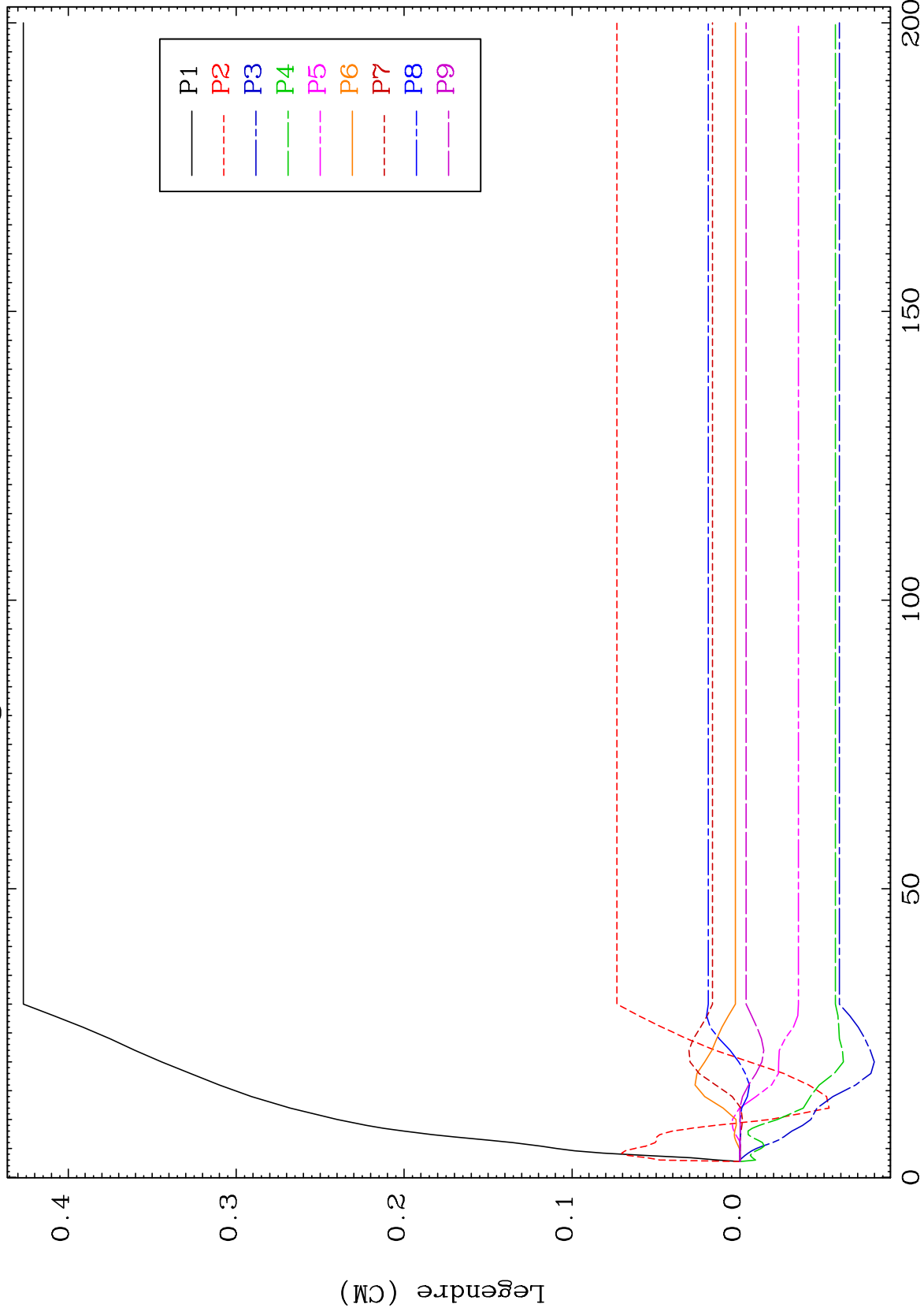
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



68-Er-148

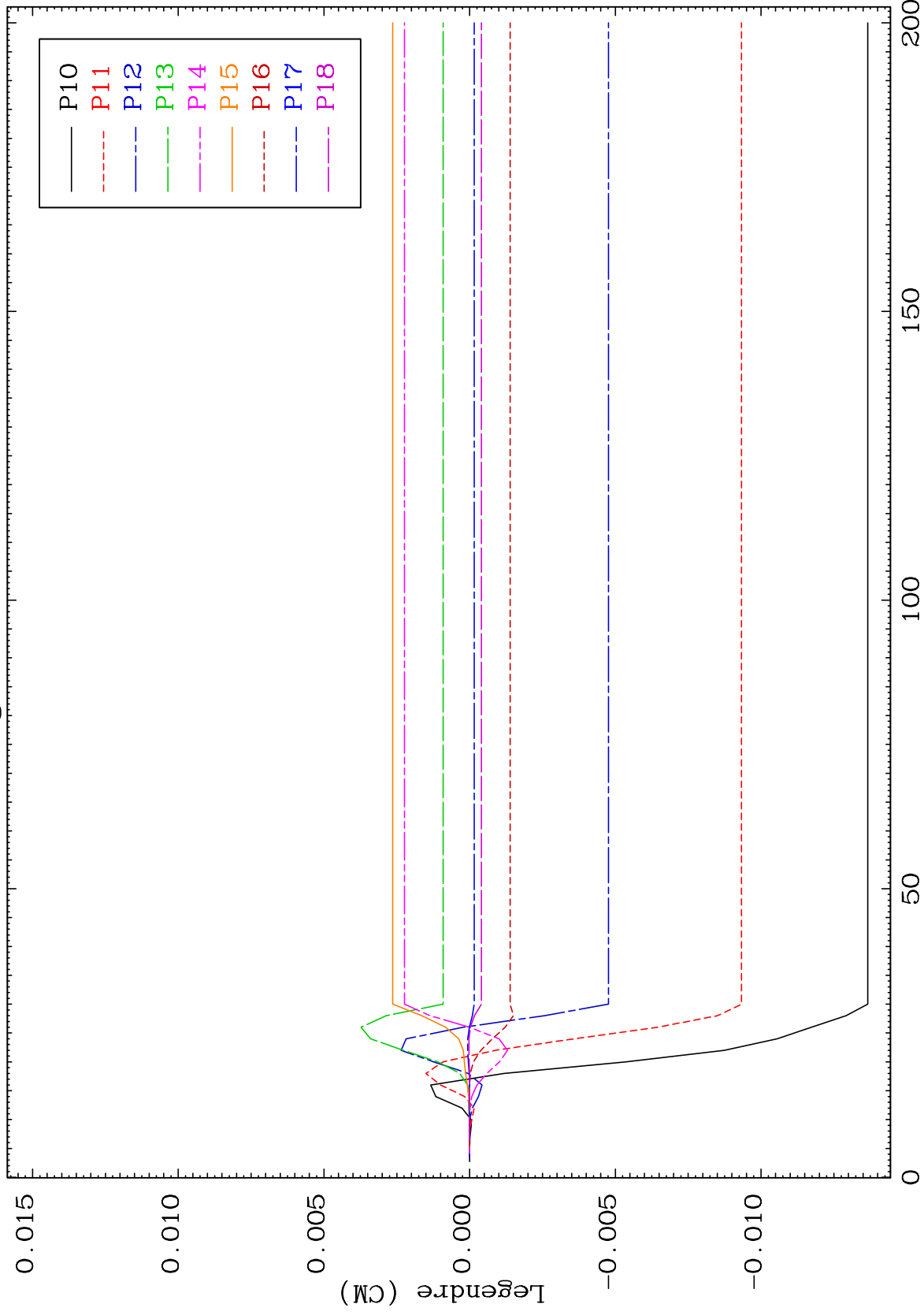
Incident Energy (MeV)

38

MAT 6783

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

68-Er-148



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Incident Energy (MeV)

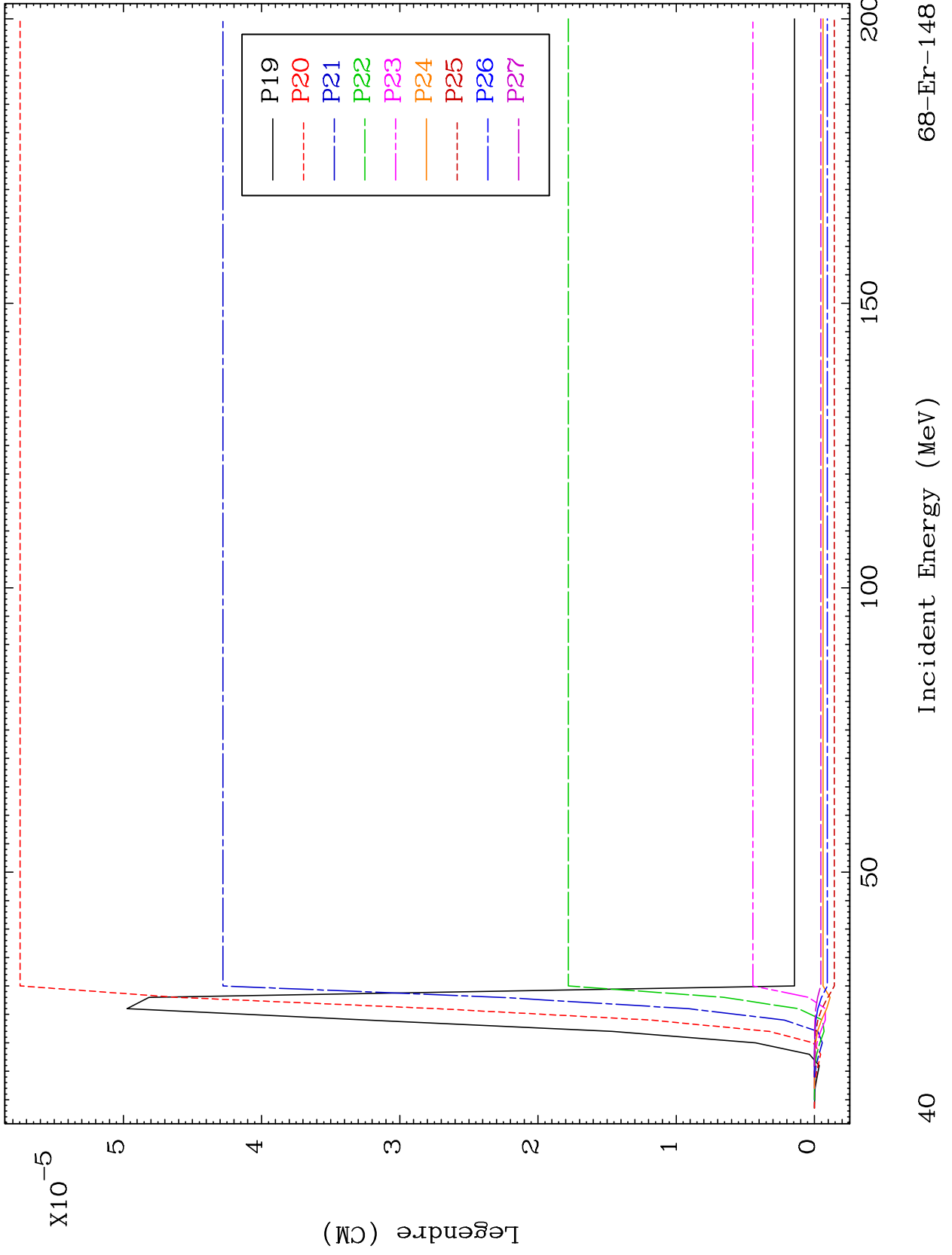
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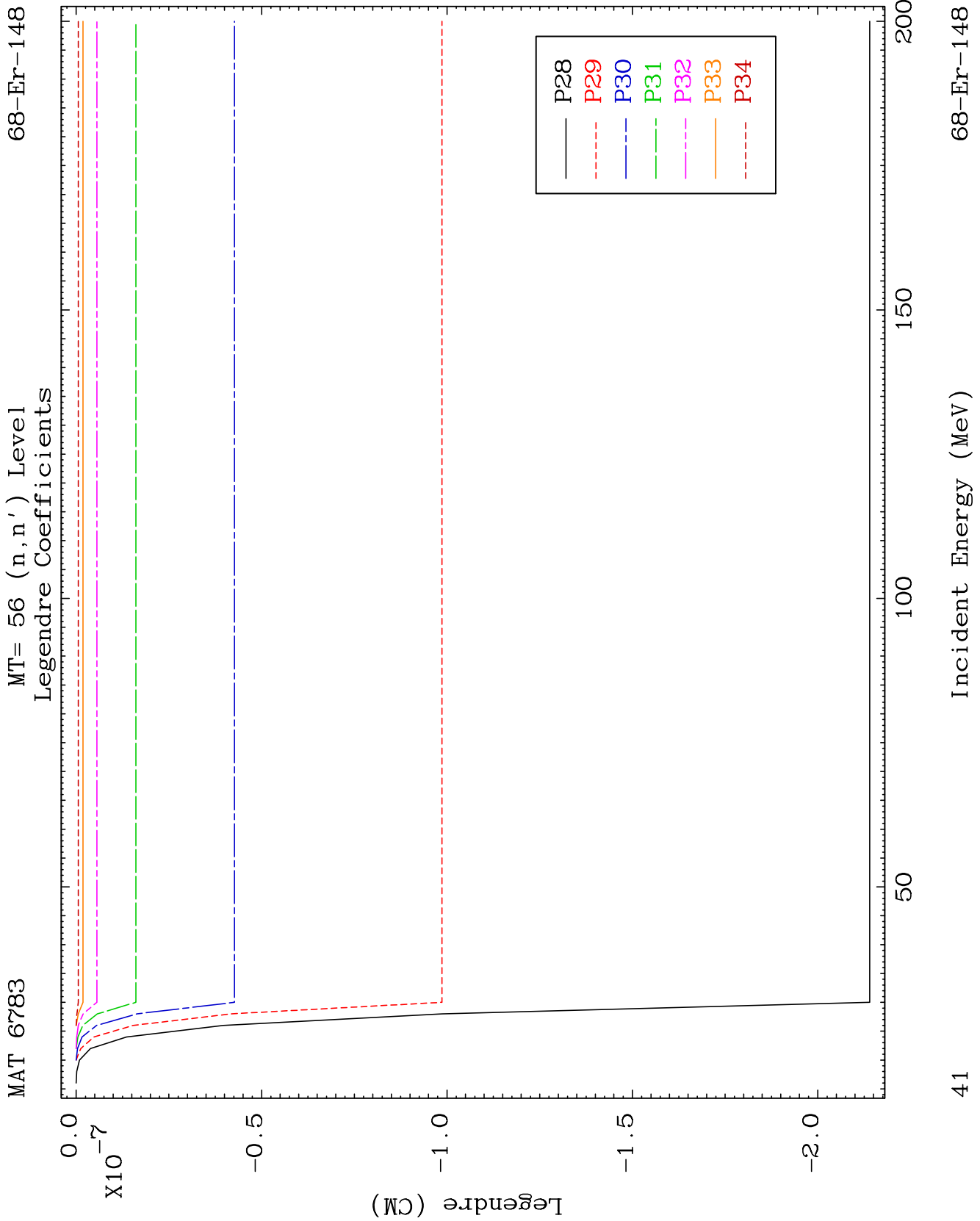


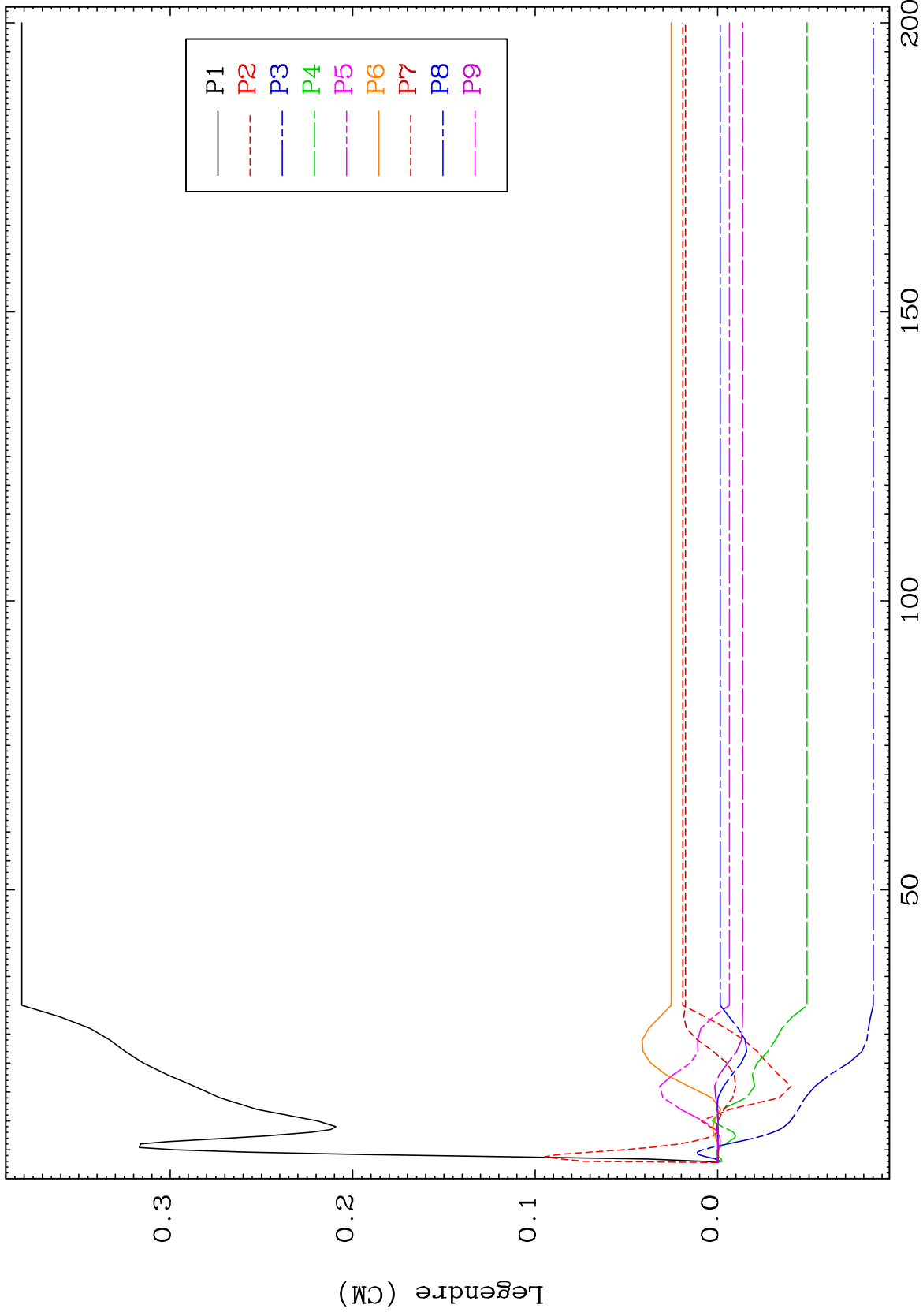
MAT 6783

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

68-Er-148



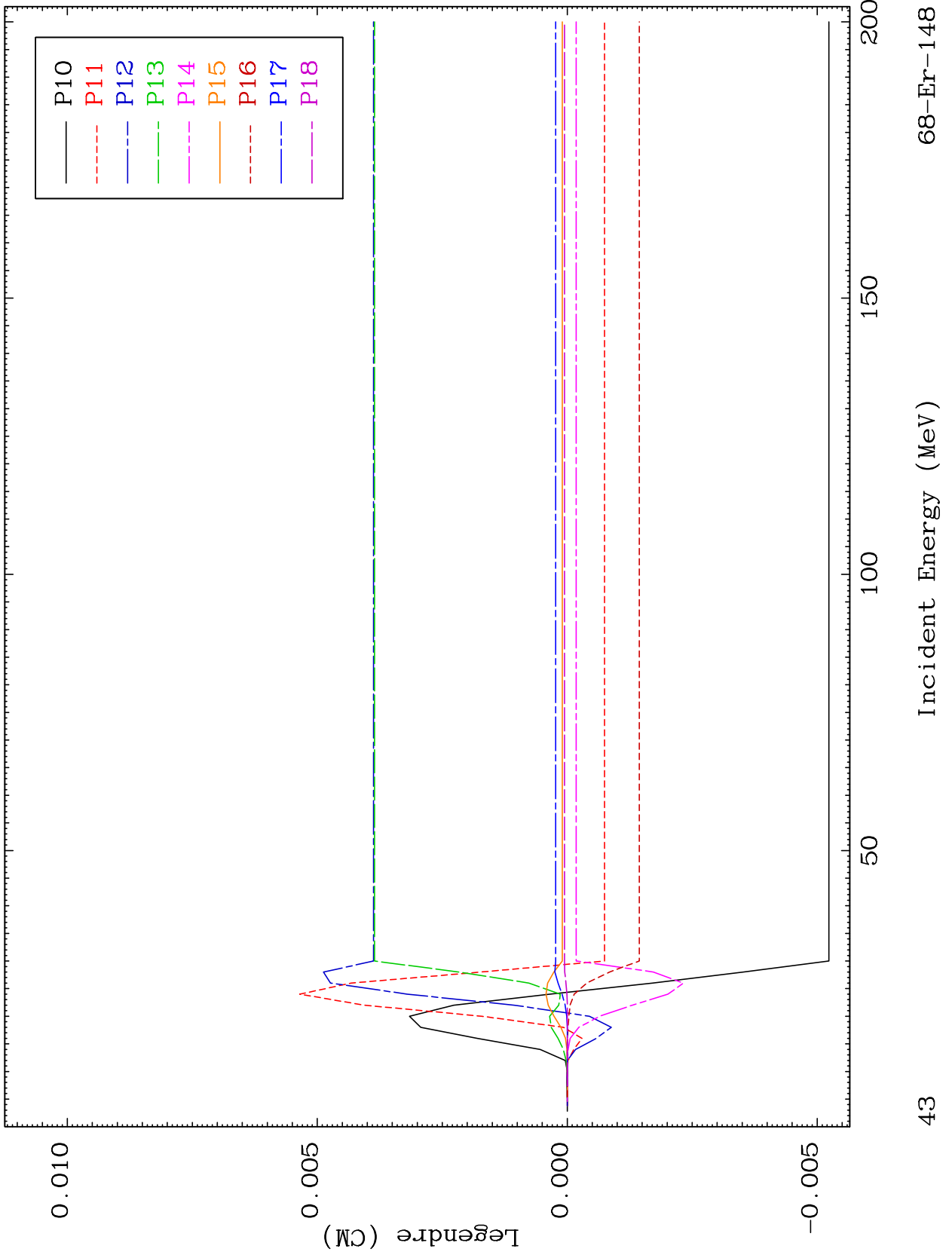




MAT 6783

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

68-Er-148



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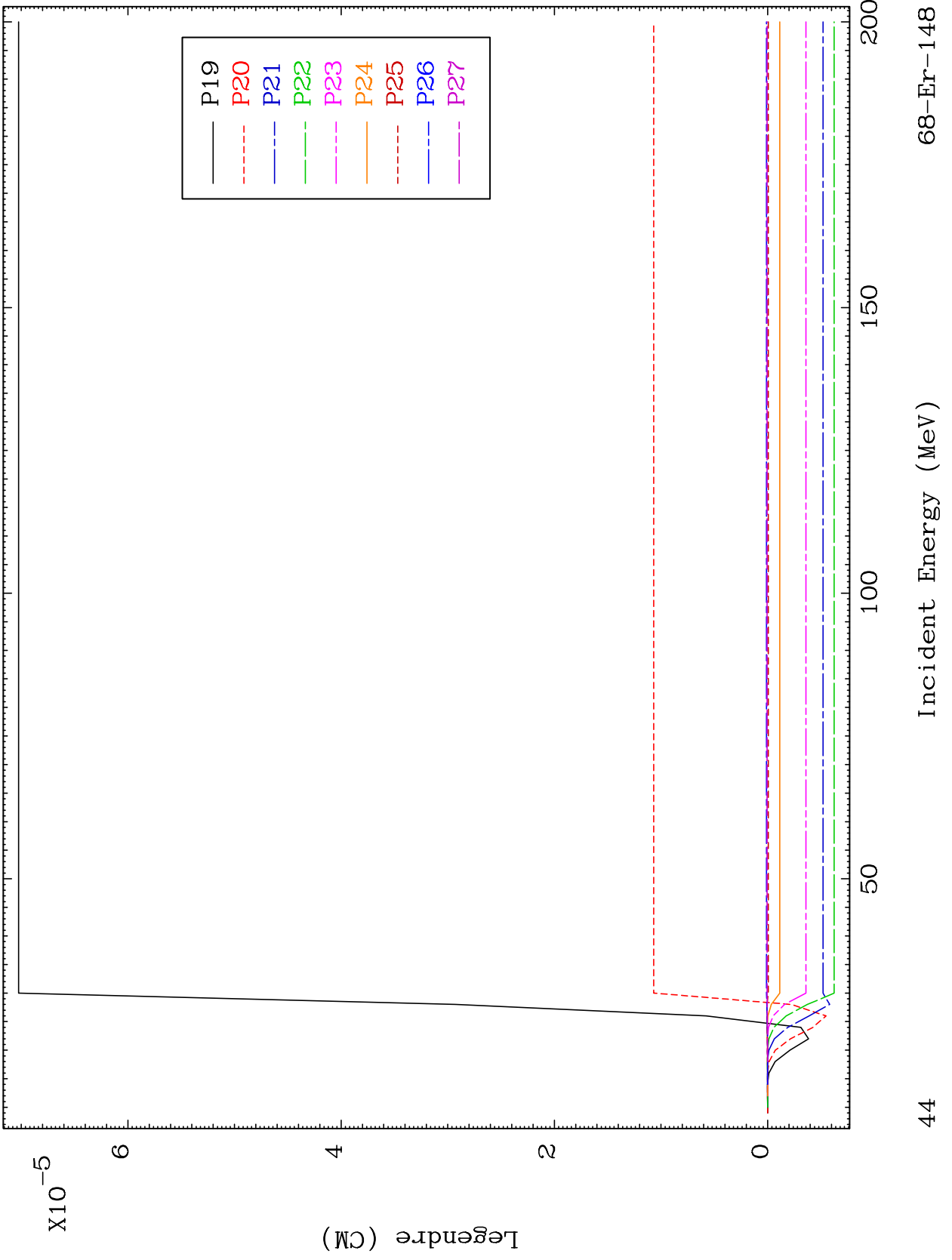
Incident Energy (MeV)

68-Er-148

MAT 6783

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

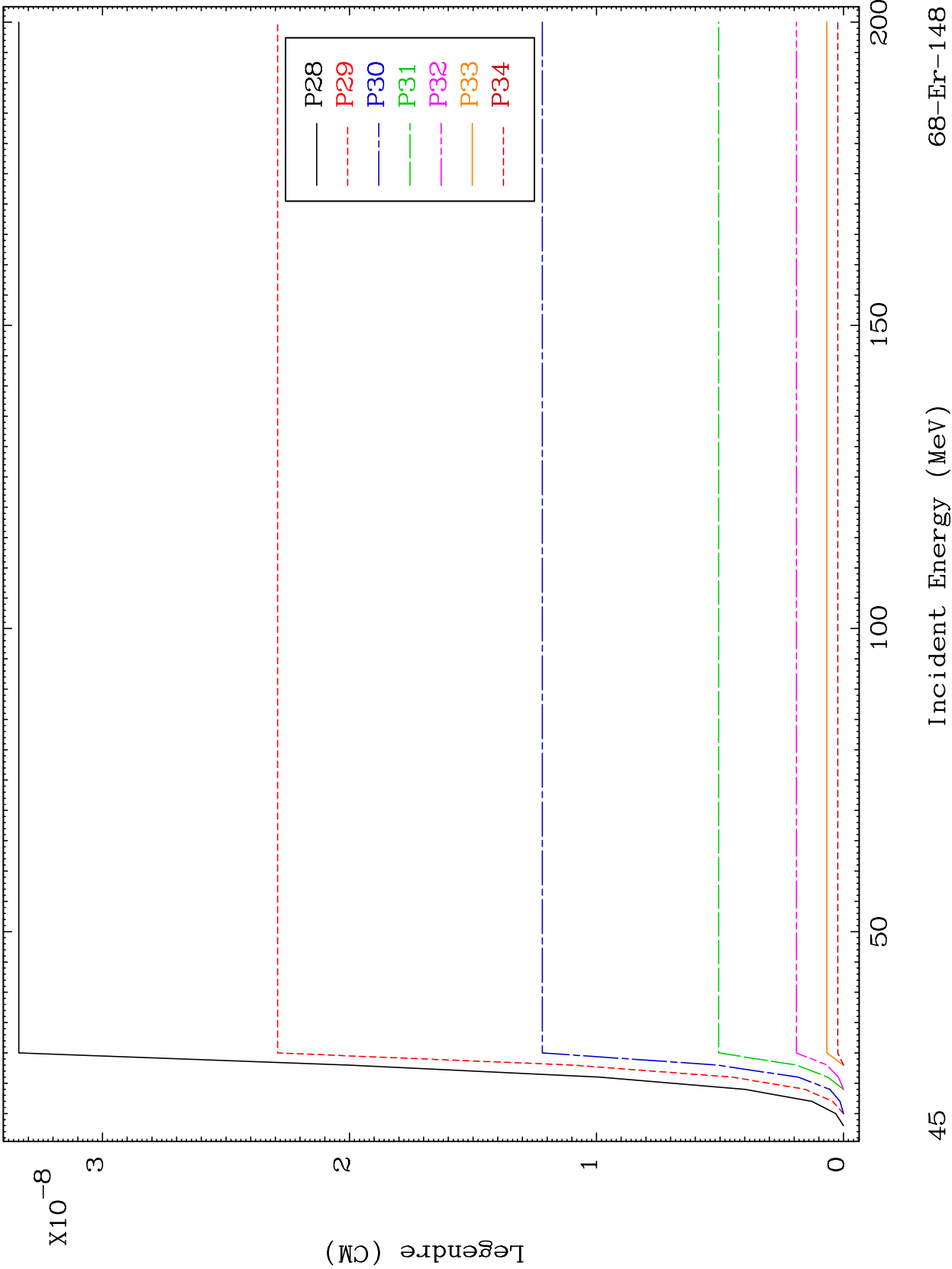
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MAT 6783

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

68-Er-148



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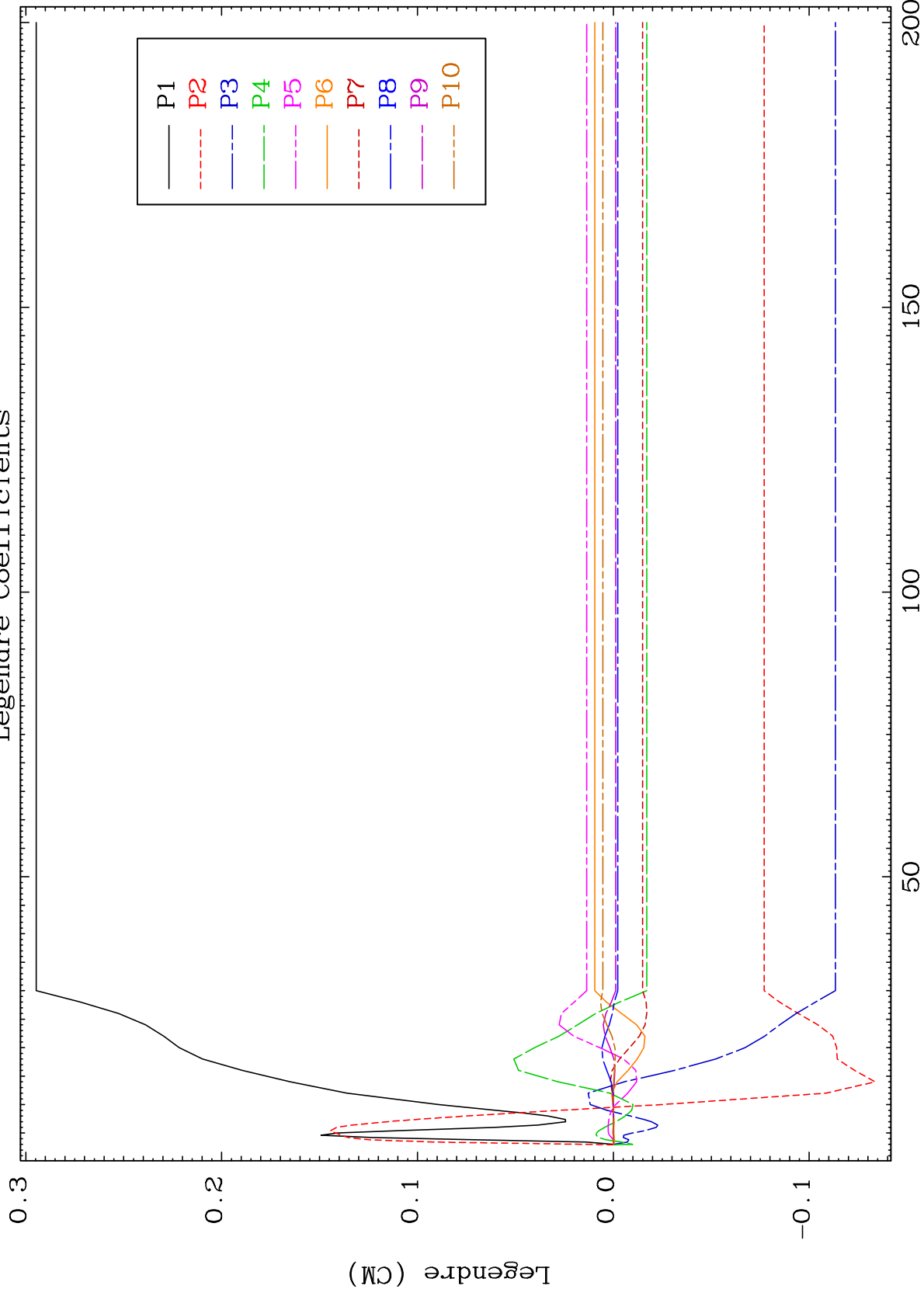
Incident Energy (MeV)

68-Er-148

MAT 6783

MT= 58 (n,n') Level  
Legendre Coefficients

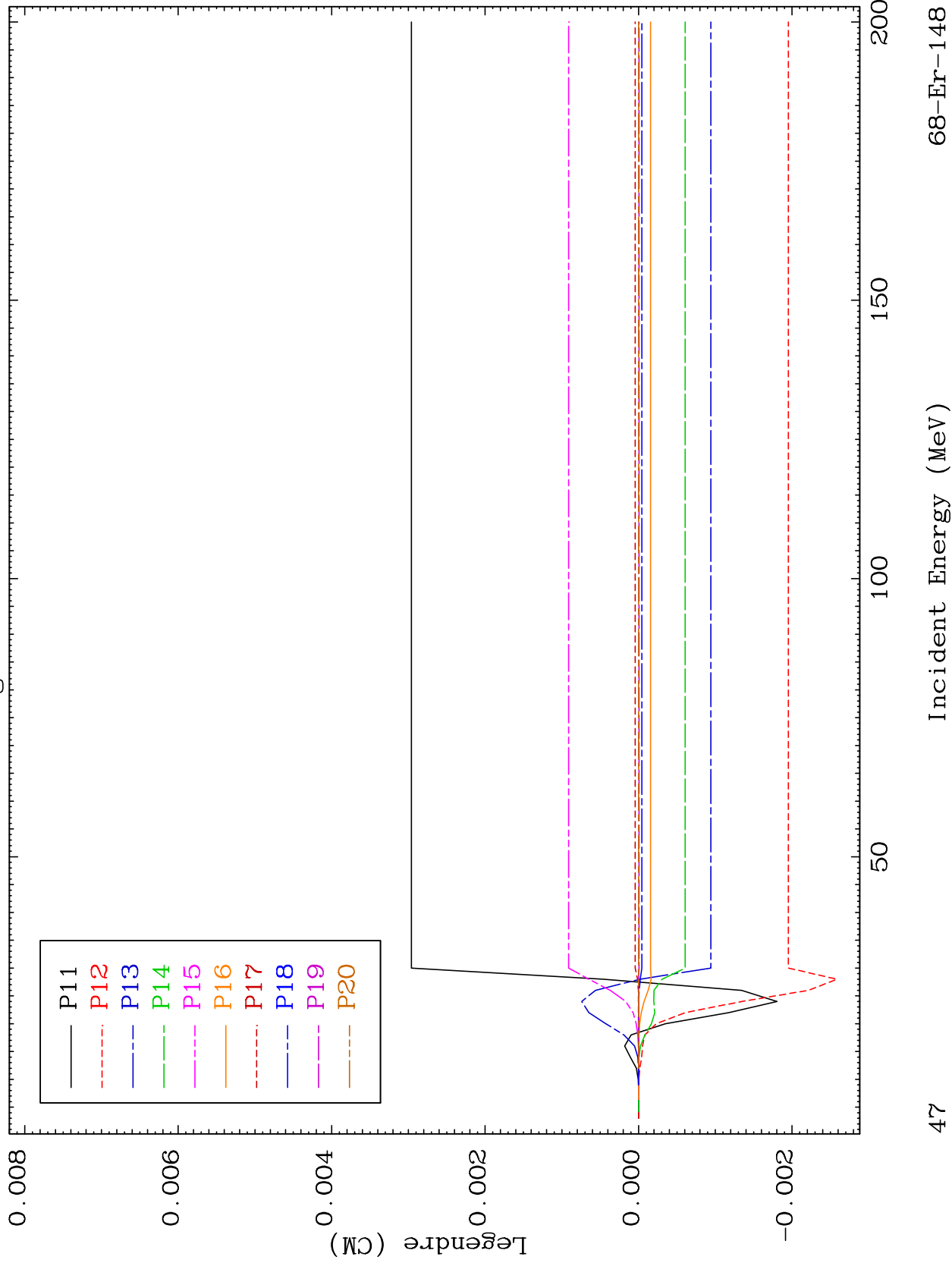
68-Er-148



46

Incident Energy (MeV)

68-Er-148

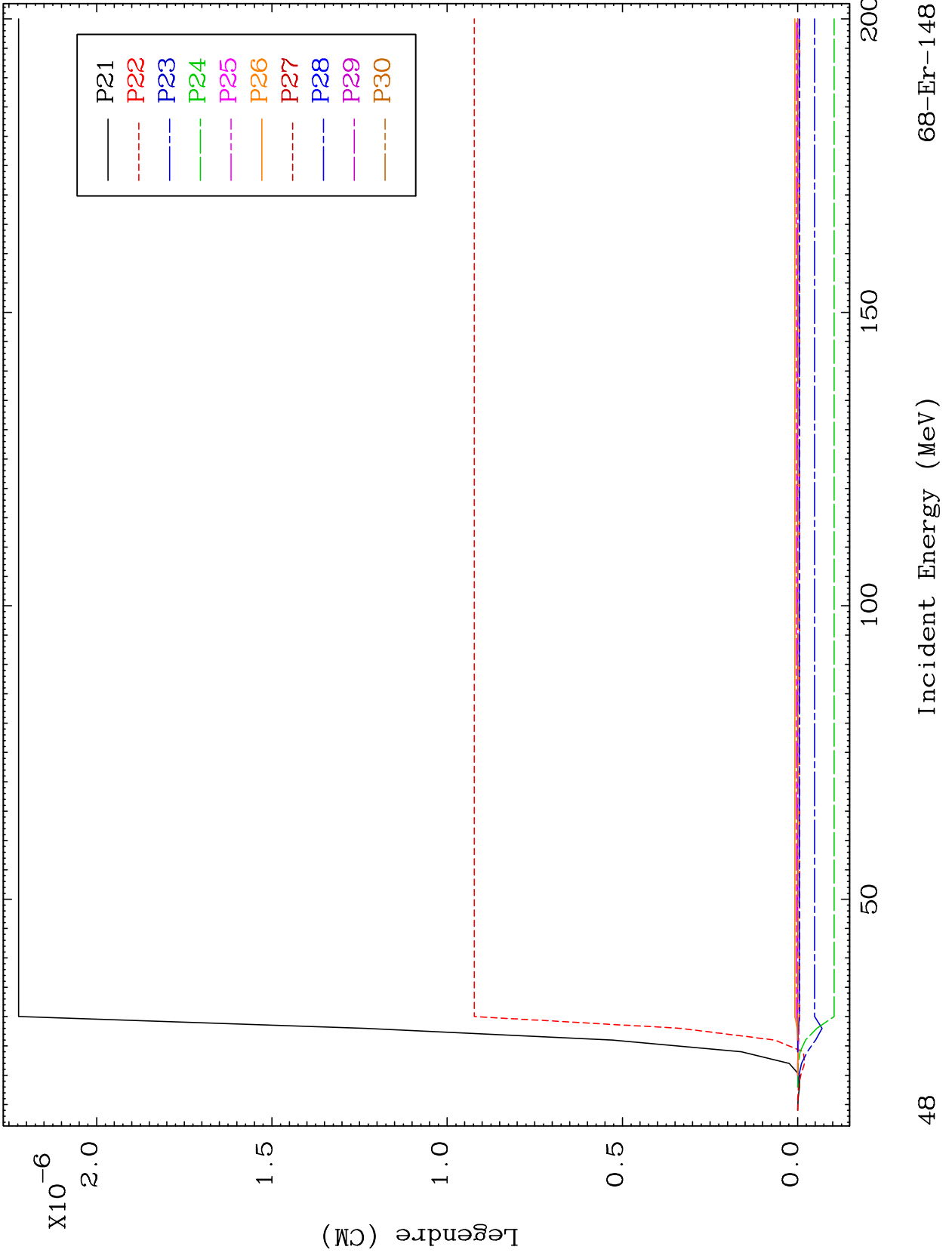




MAT 6783

MT= 58 (n,n') Level  
Legendre Coefficients

68-Er-148



68-Er-148

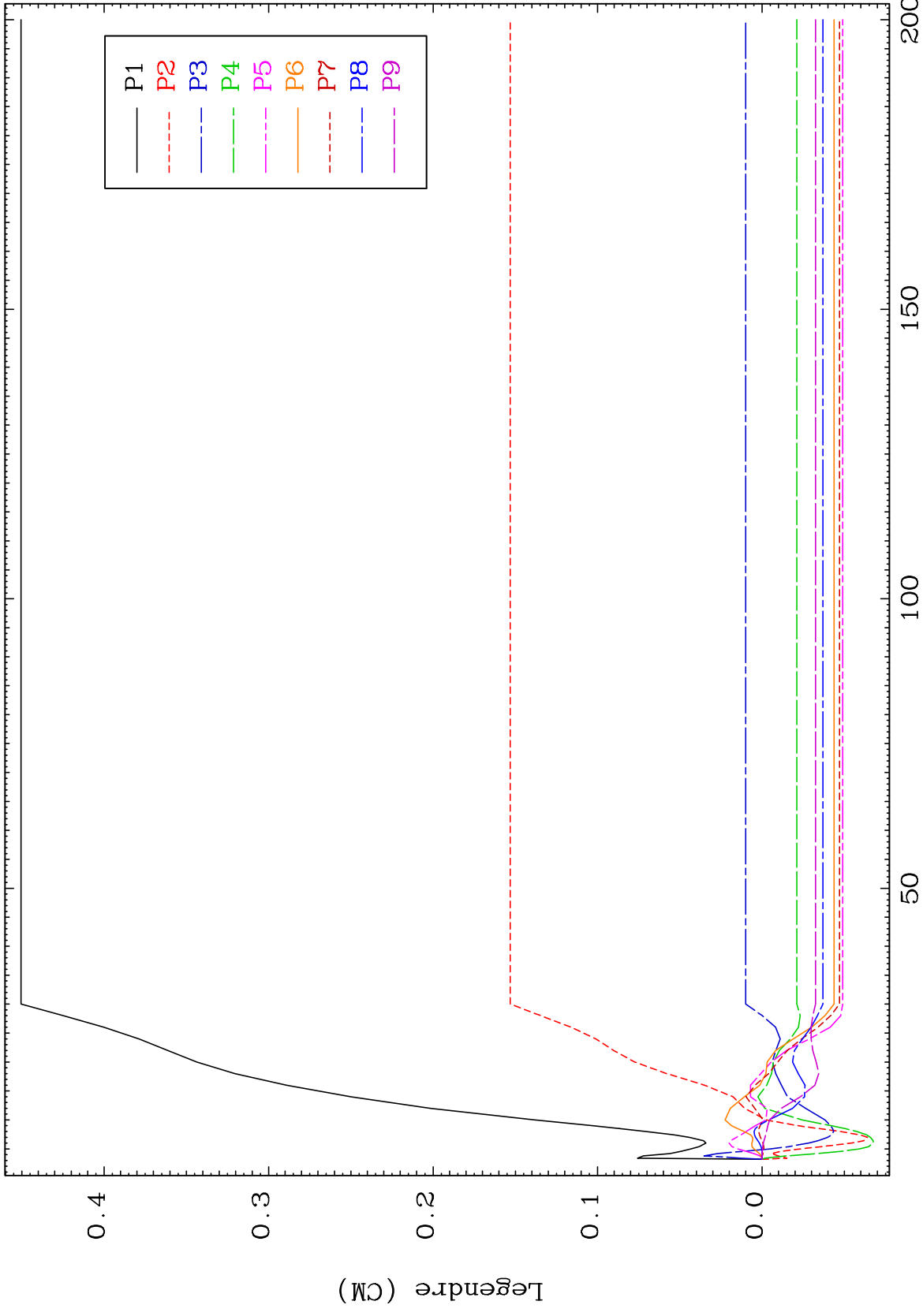
Incident Energy (MeV)

48

MAT 6783

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

68-Er-148



49

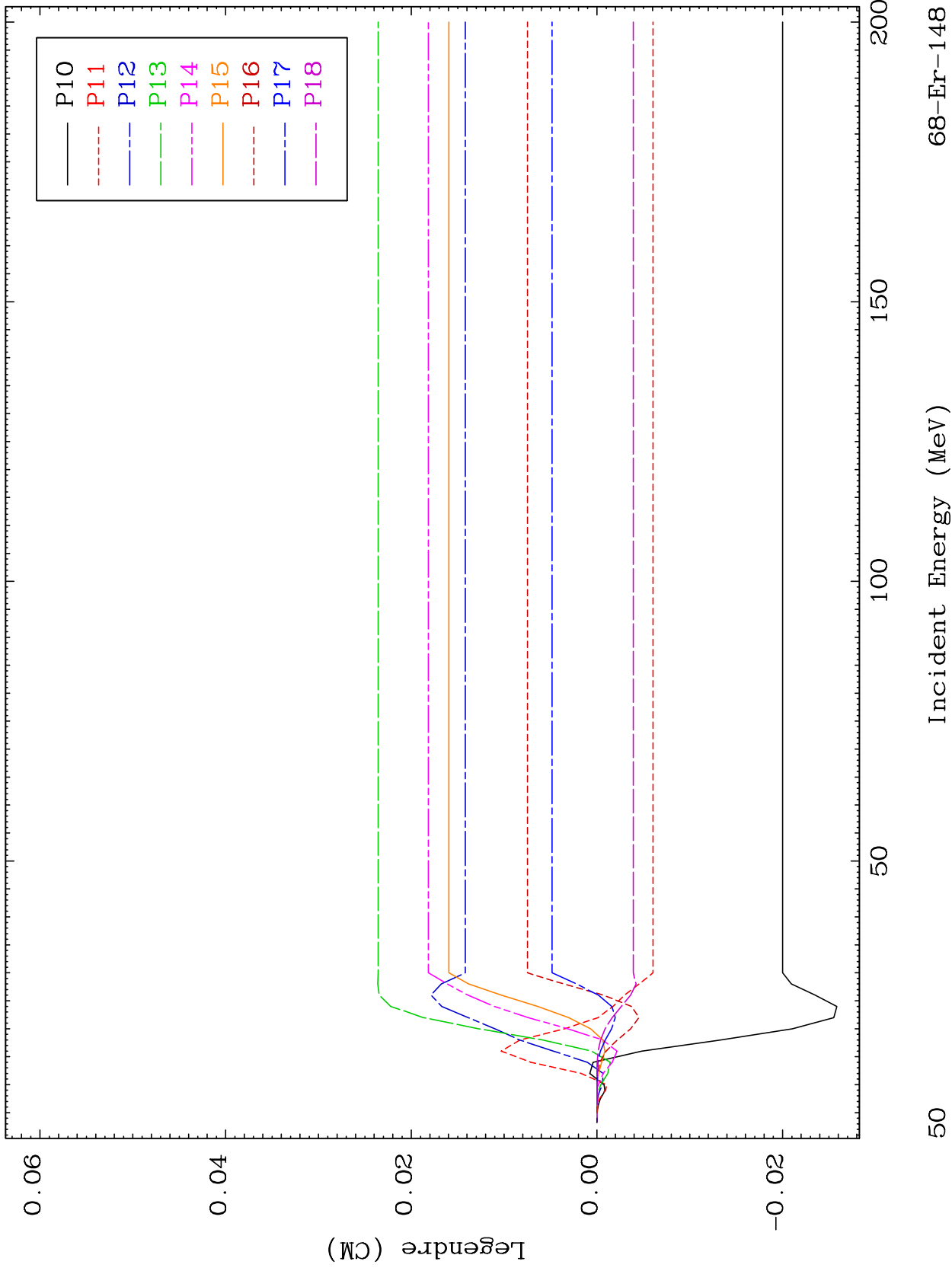
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



68-Er-148

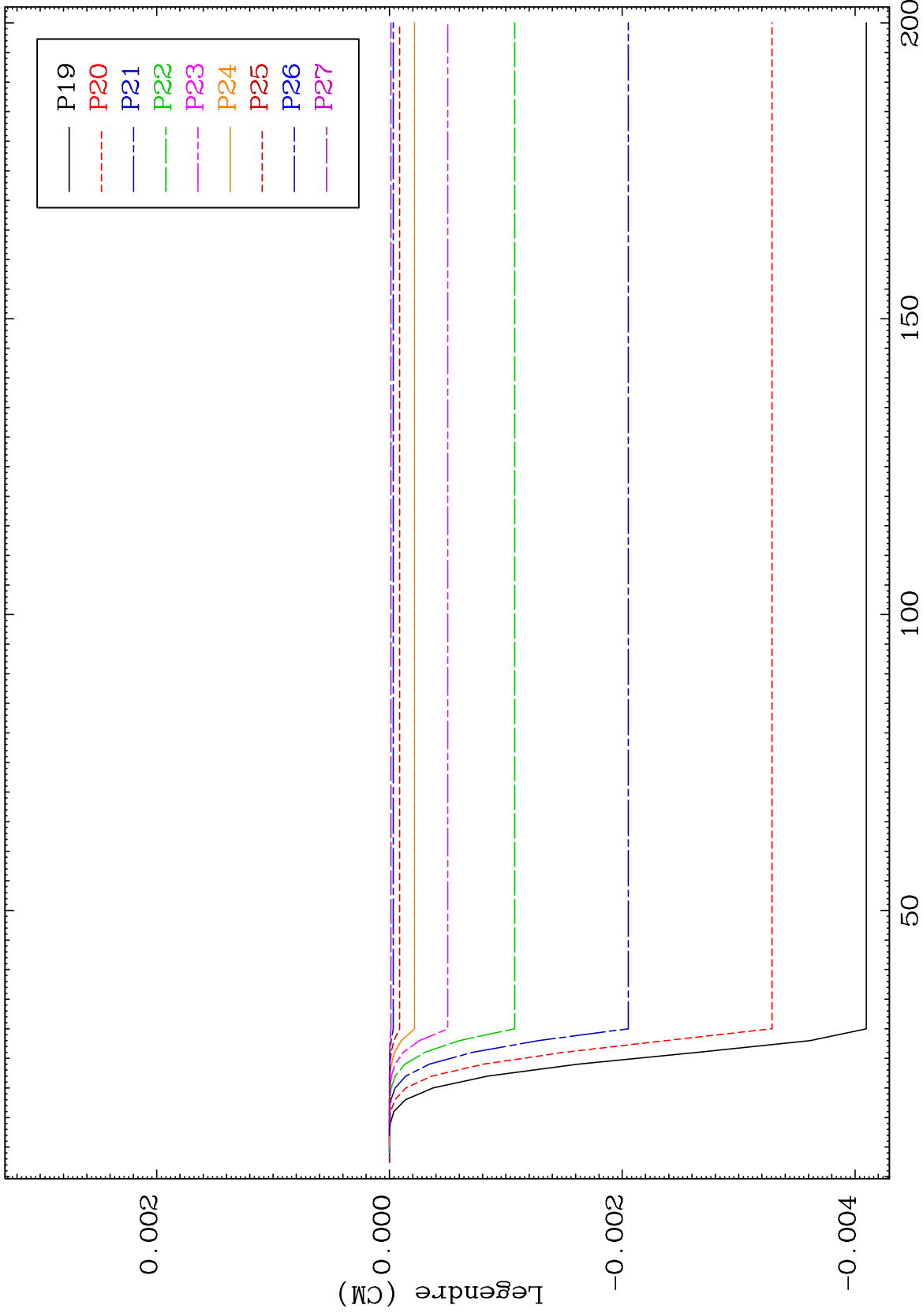
Incident Energy (MeV)

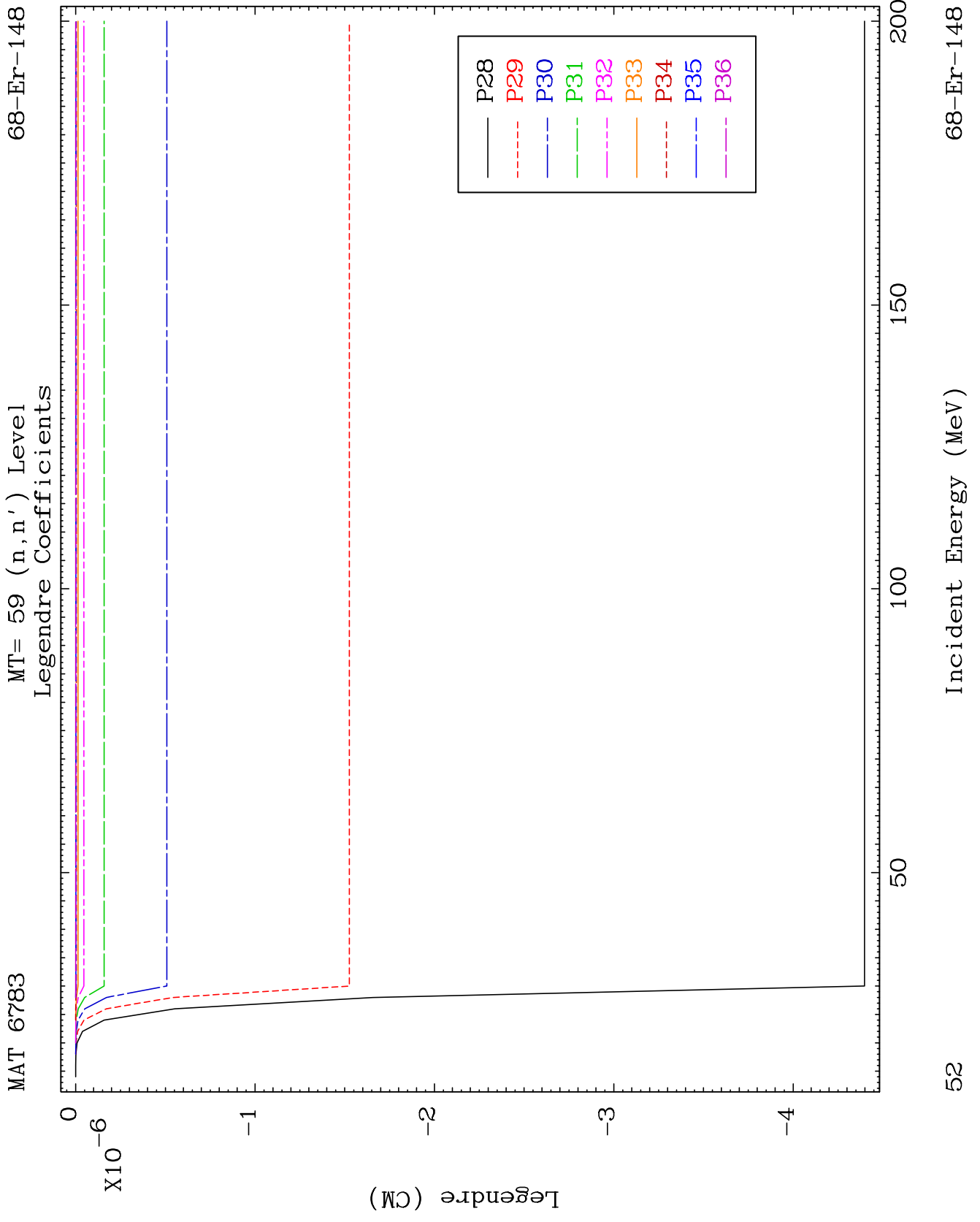
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MAT 6783

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

68-Er-148

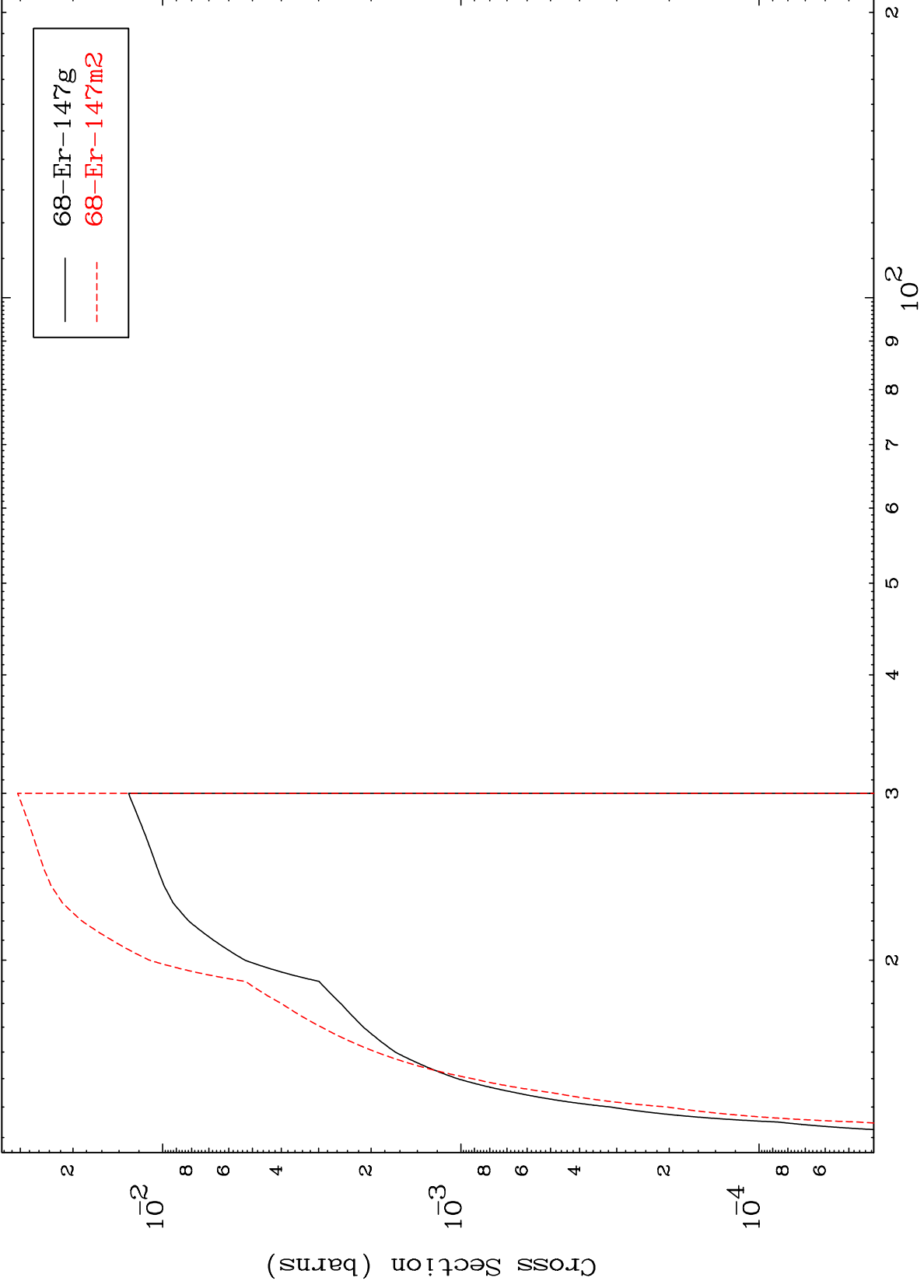




MAT 6783

68-Er-148

(n,2n)  
Radionuclide Production Cross Section



53

Incident Energy (MeV)

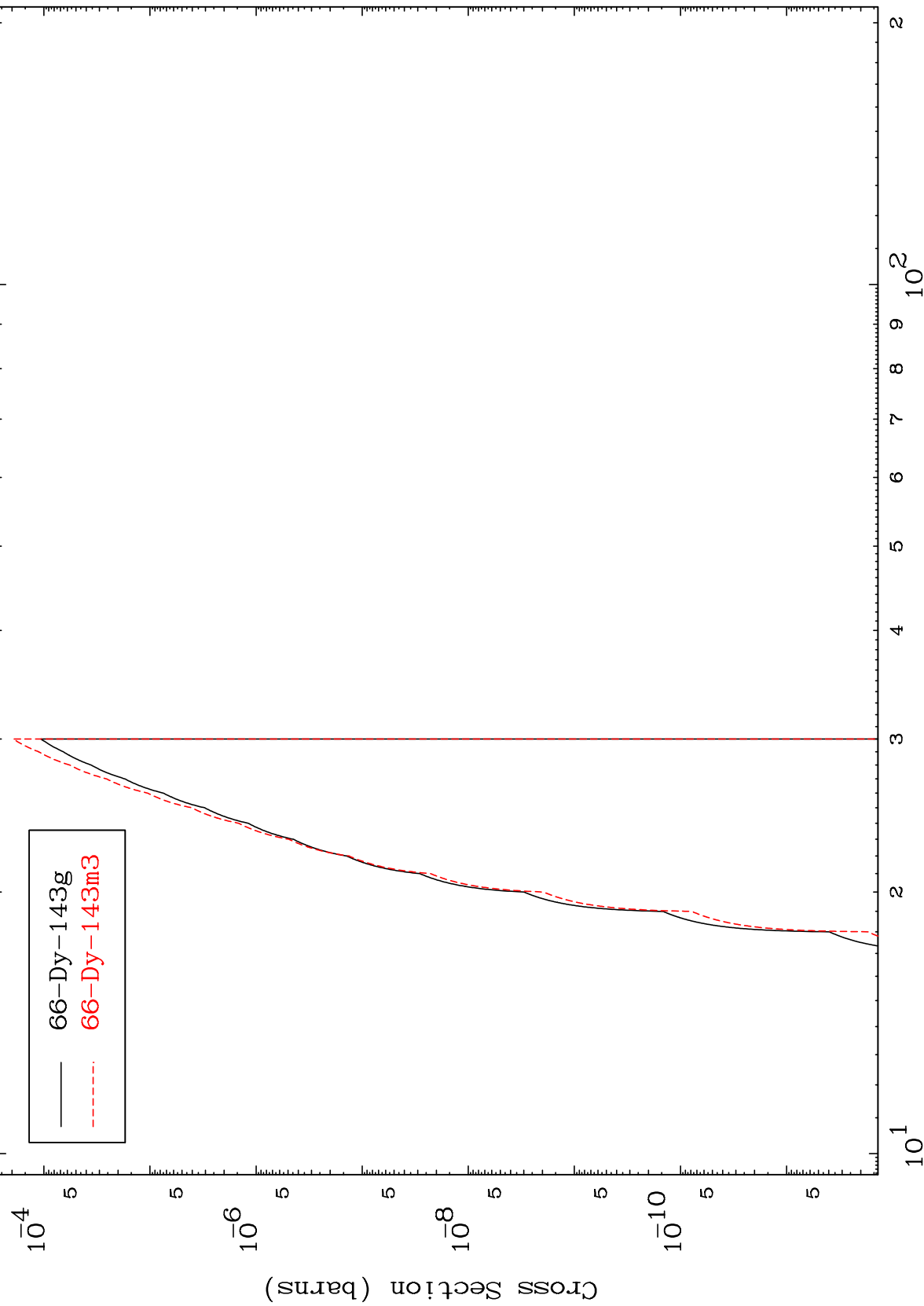
68-Er-148

MAT 6783

(n,2n)  $\alpha$

68-Er-148

Radionuclide Production Cross Section



66-Dy-143g  
66-Dy-143m3

Incident Energy (MeV)

68-Er-148

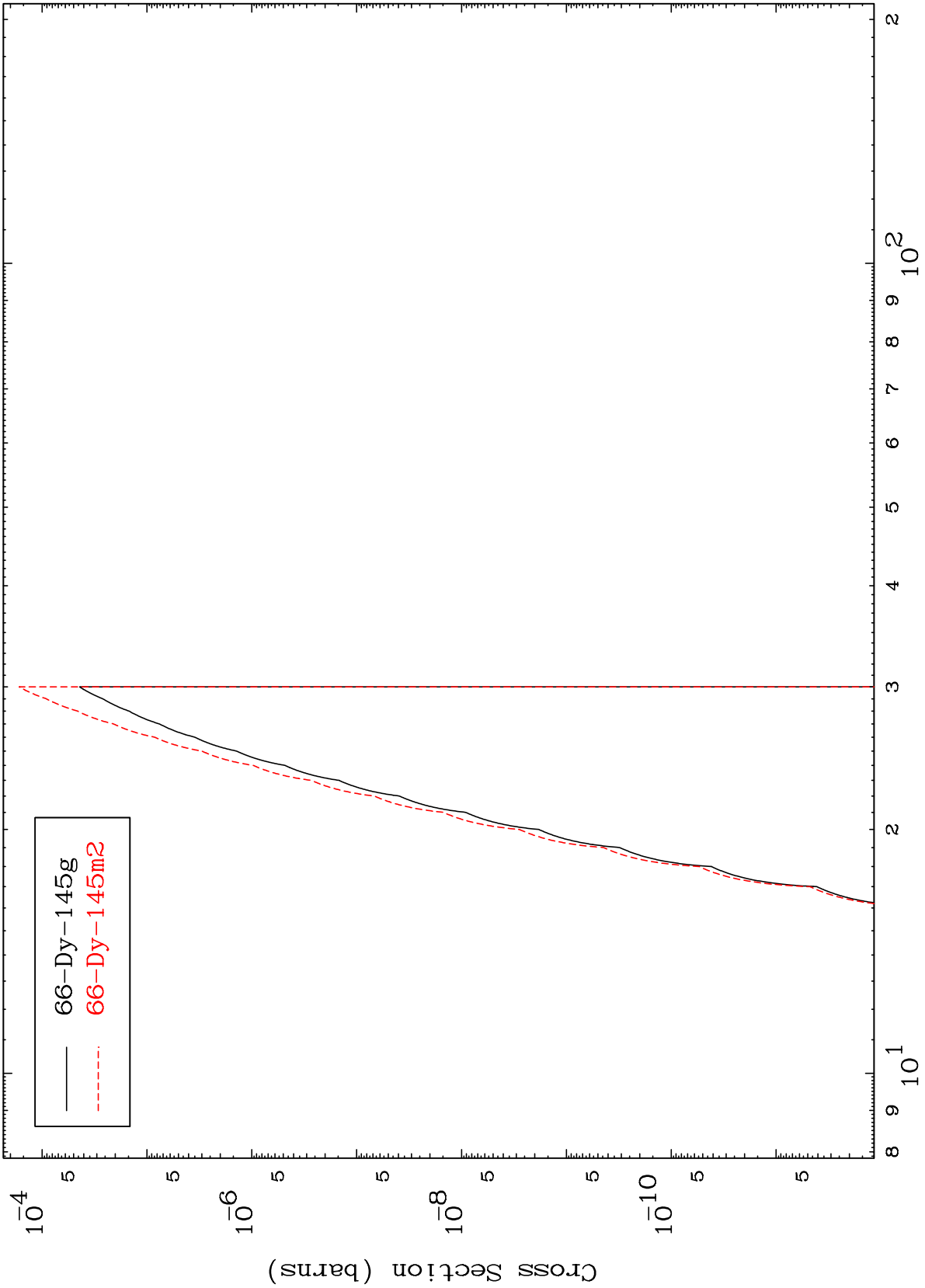
54

MAT 6783

(n,n') He-3

68-Er-148

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

55

Incident Energy (MeV)

68-Er-148

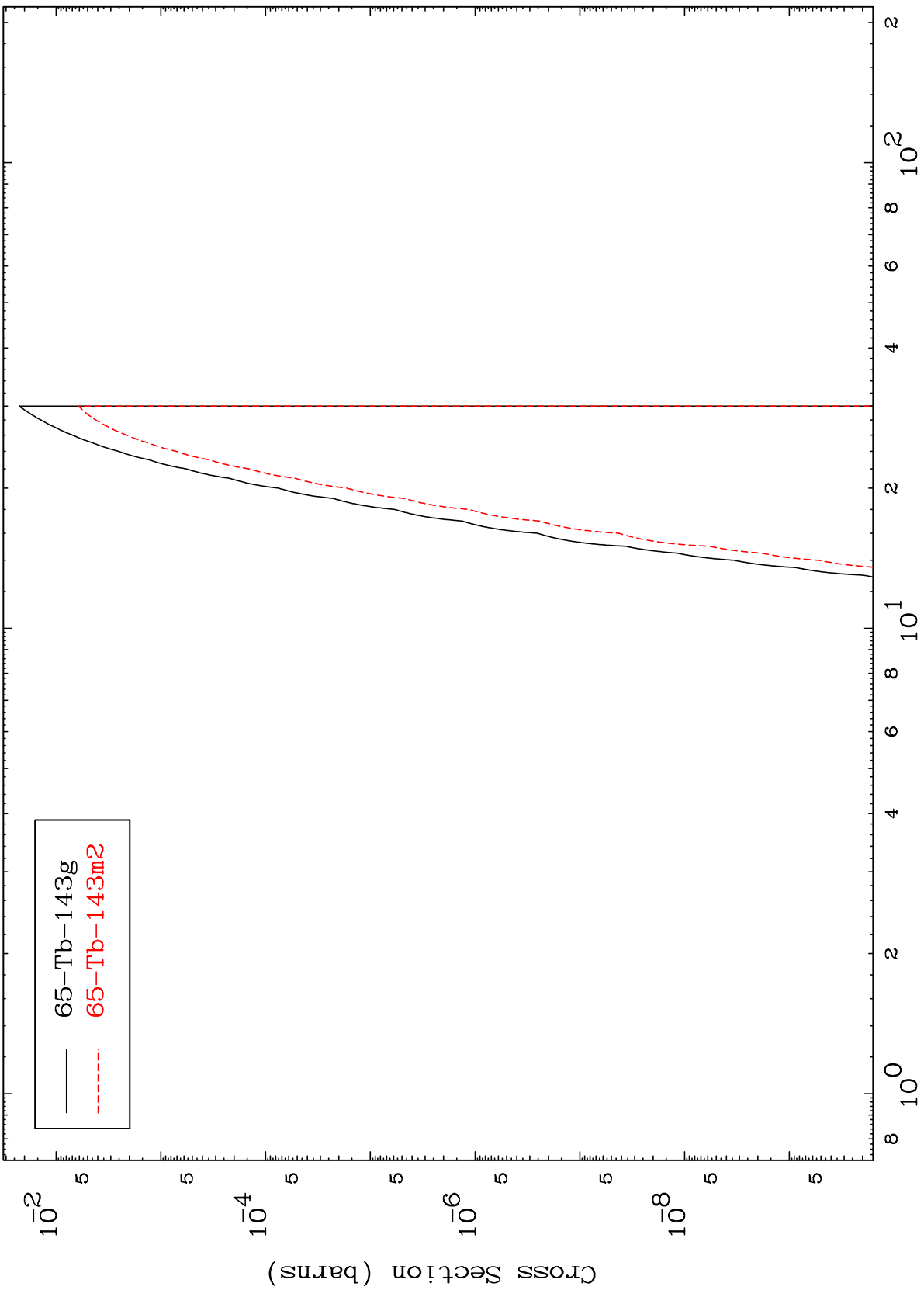


MAT 6783

(n,n') p  $\alpha$

68-Er-148

Radionuclide Production Cross Section



56

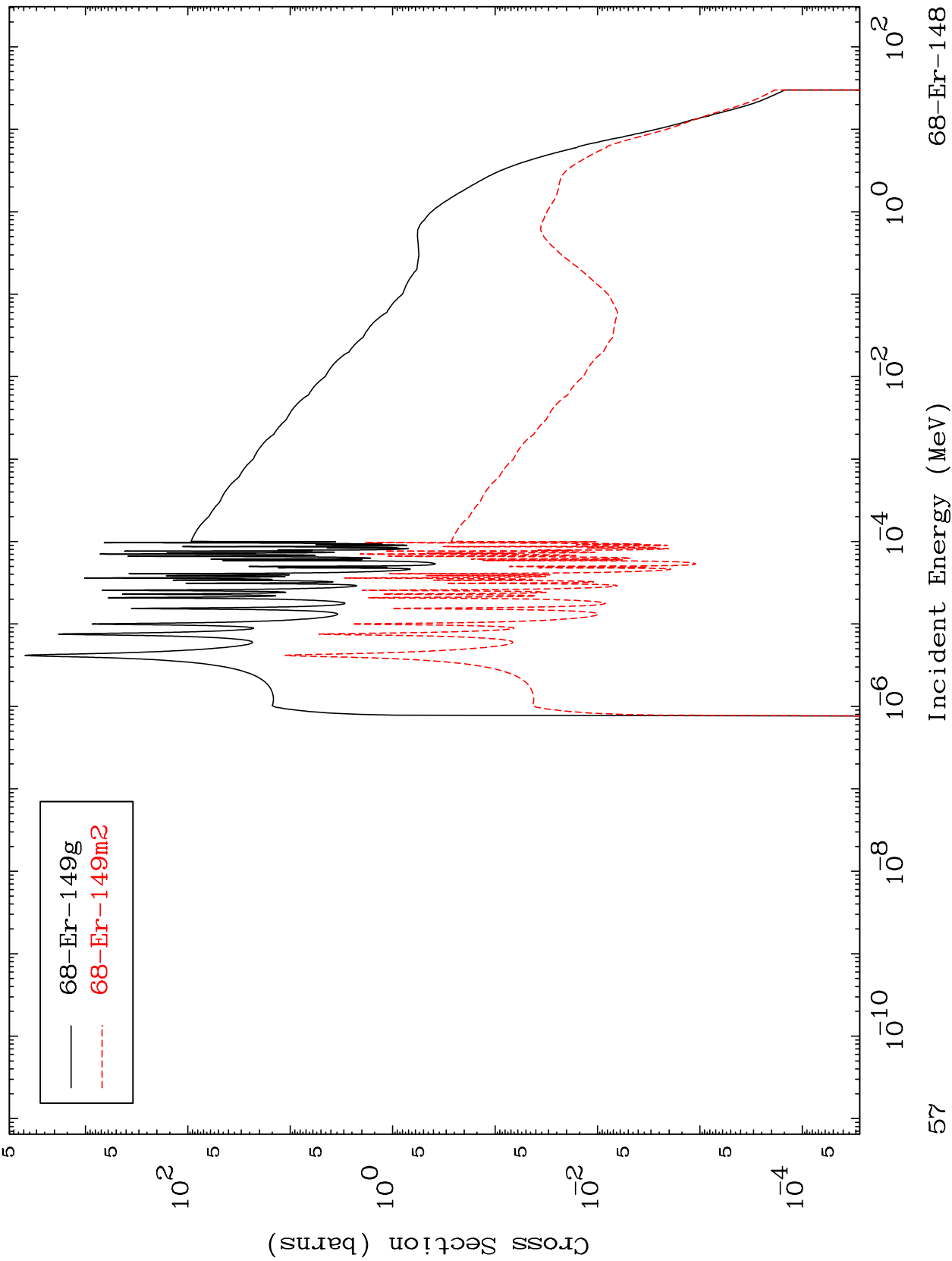
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

(n,  $\gamma$ )  
Radionuclide Production Cross Section



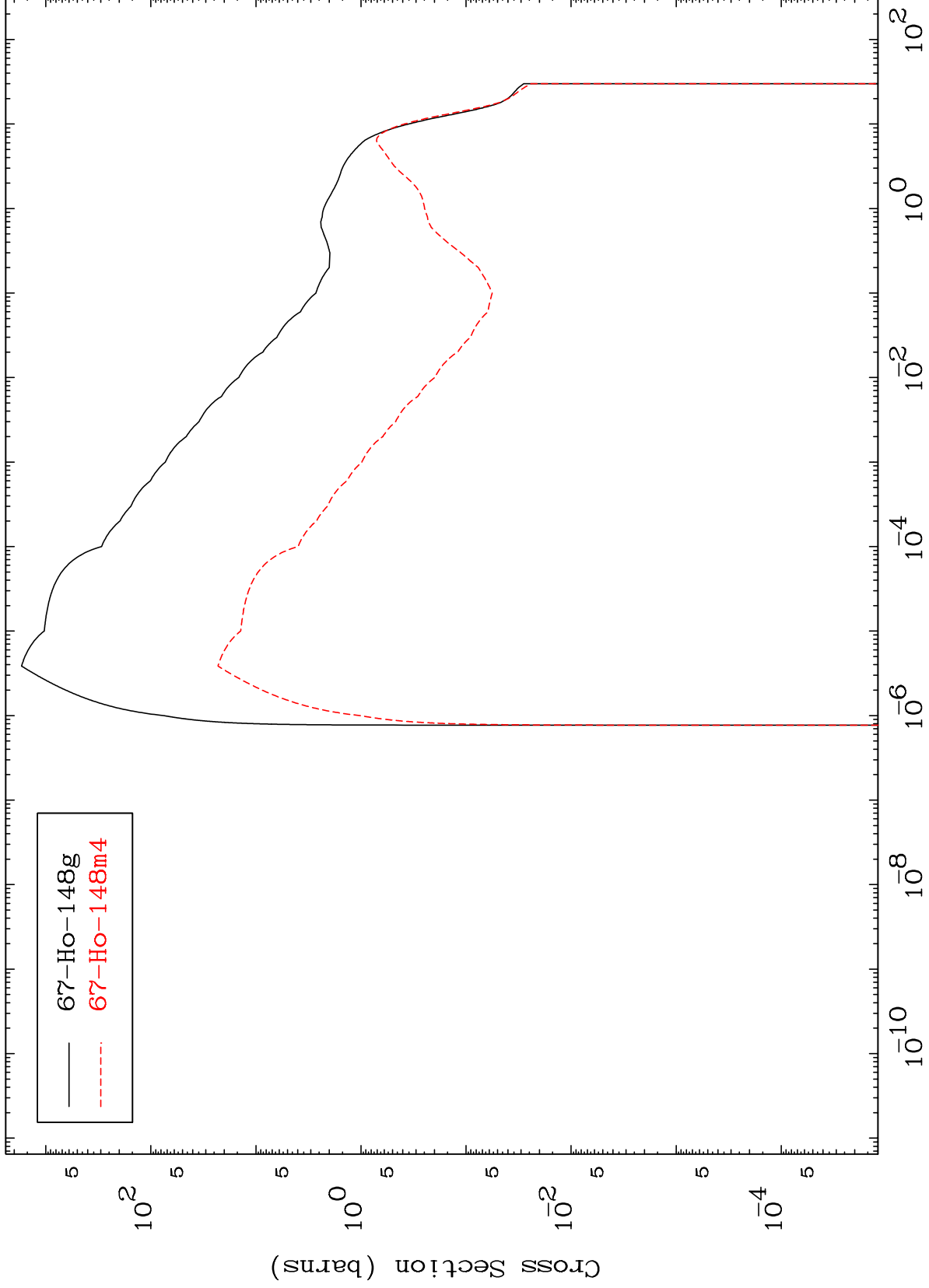
57

68-Er-148

MAT 6783

68-Er-148

(n,p)  
Radionuclide Production Cross Section



— 67-Ho-148g  
- - - 67-Ho-148m4

68-Er-148

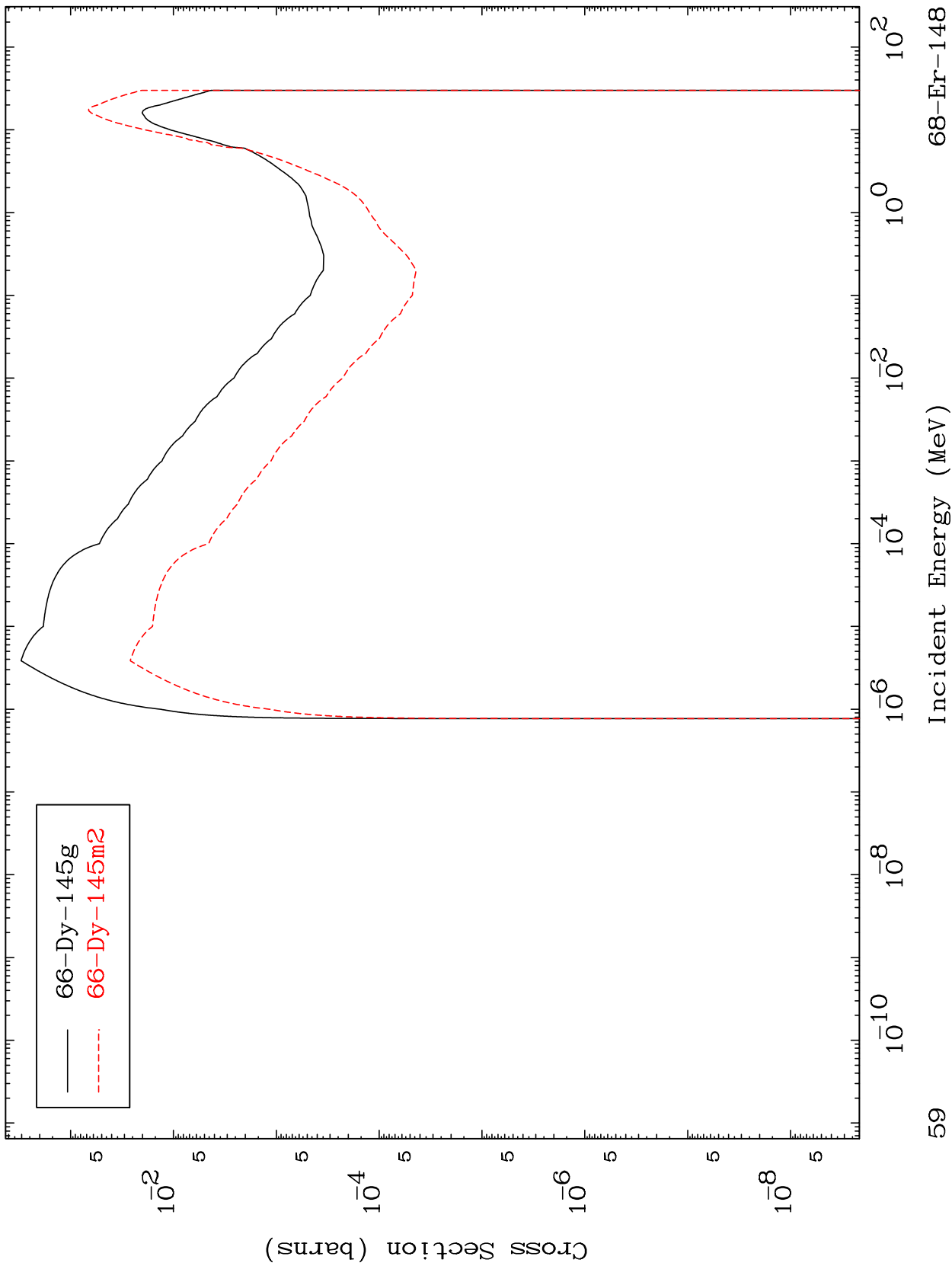
Incident Energy (MeV)

58

MAT 6783

68-Er-148

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

68-Er-148

Incident Energy (MeV)

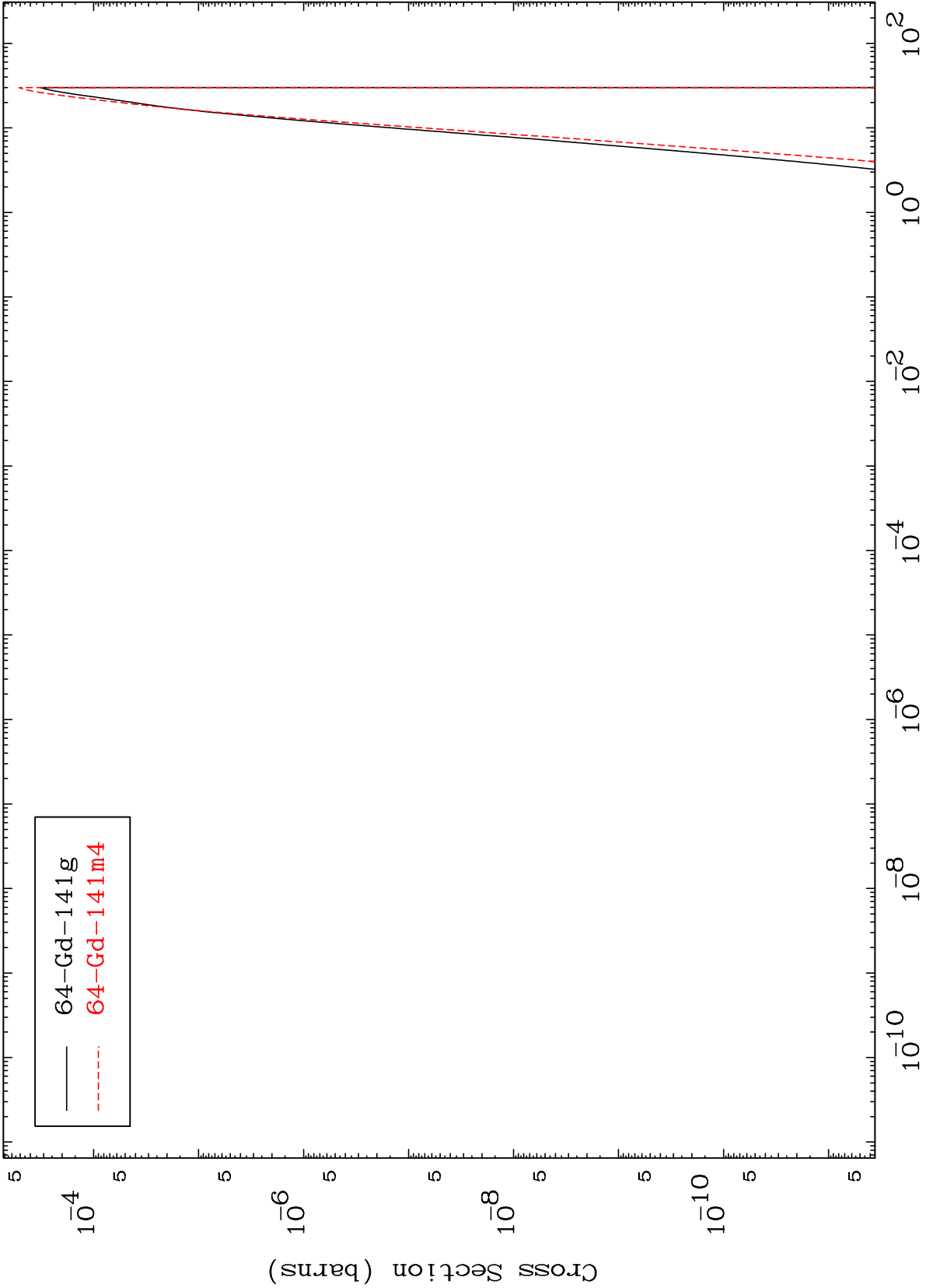
59

MAT 6783

(n,2α)

68-Er-148

Radionuclide Production Cross Section



60

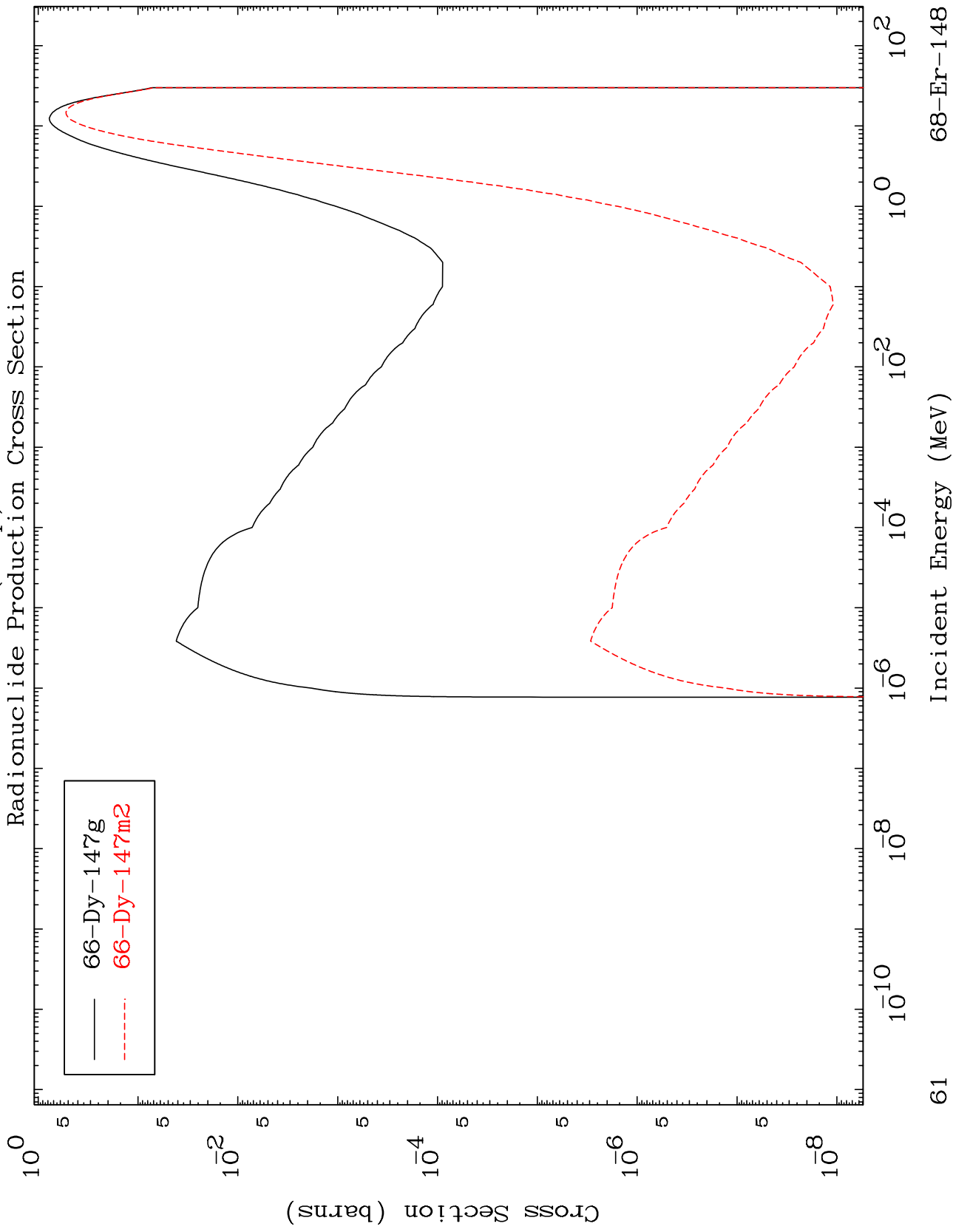
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

Radionuclide Production Cross Section  
(n,2p)



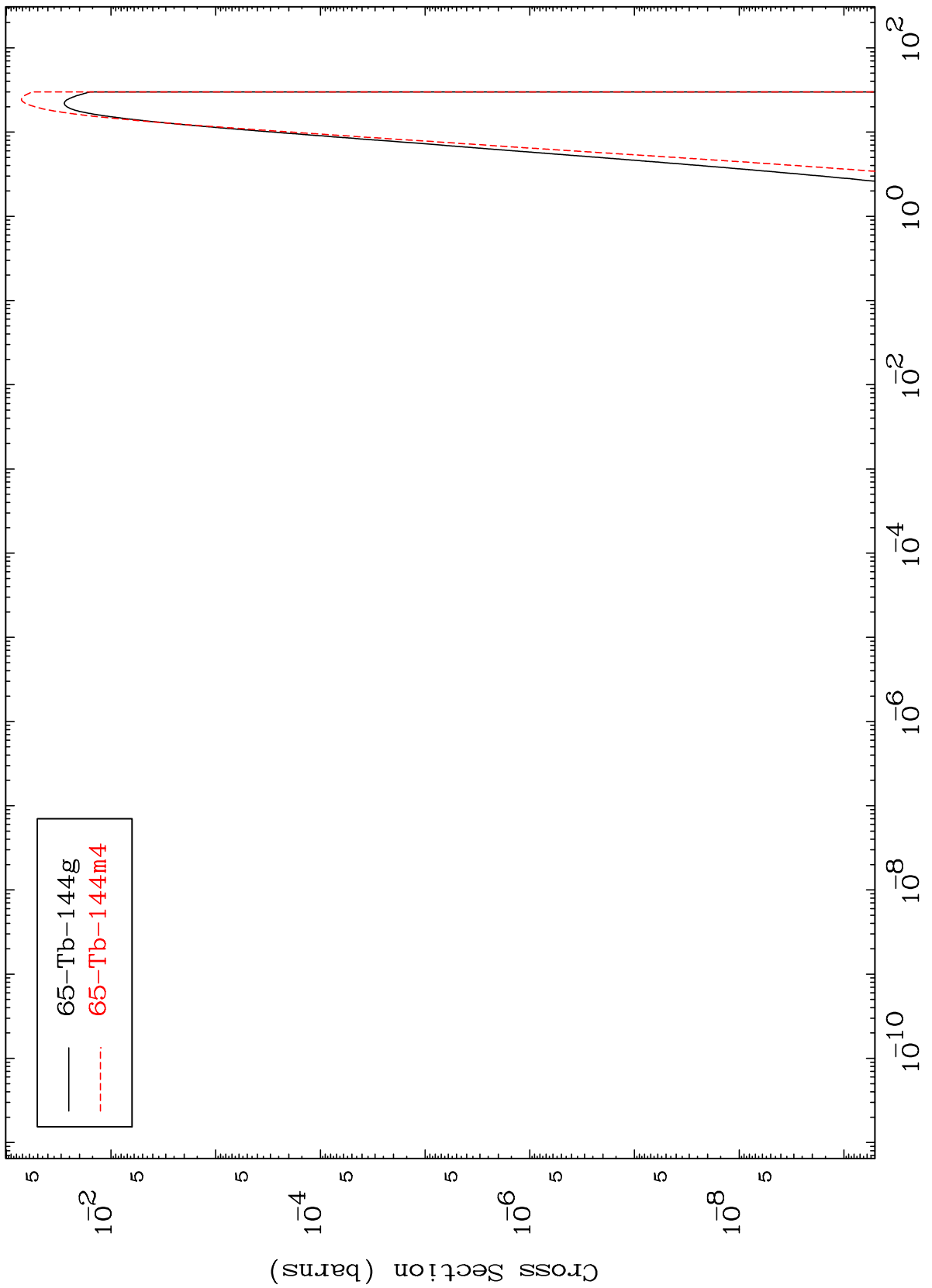
61

MAT 6783

(n,p)  $\alpha$

68-Er-148

Radionuclide Production Cross Section



62

Incident Energy (MeV)

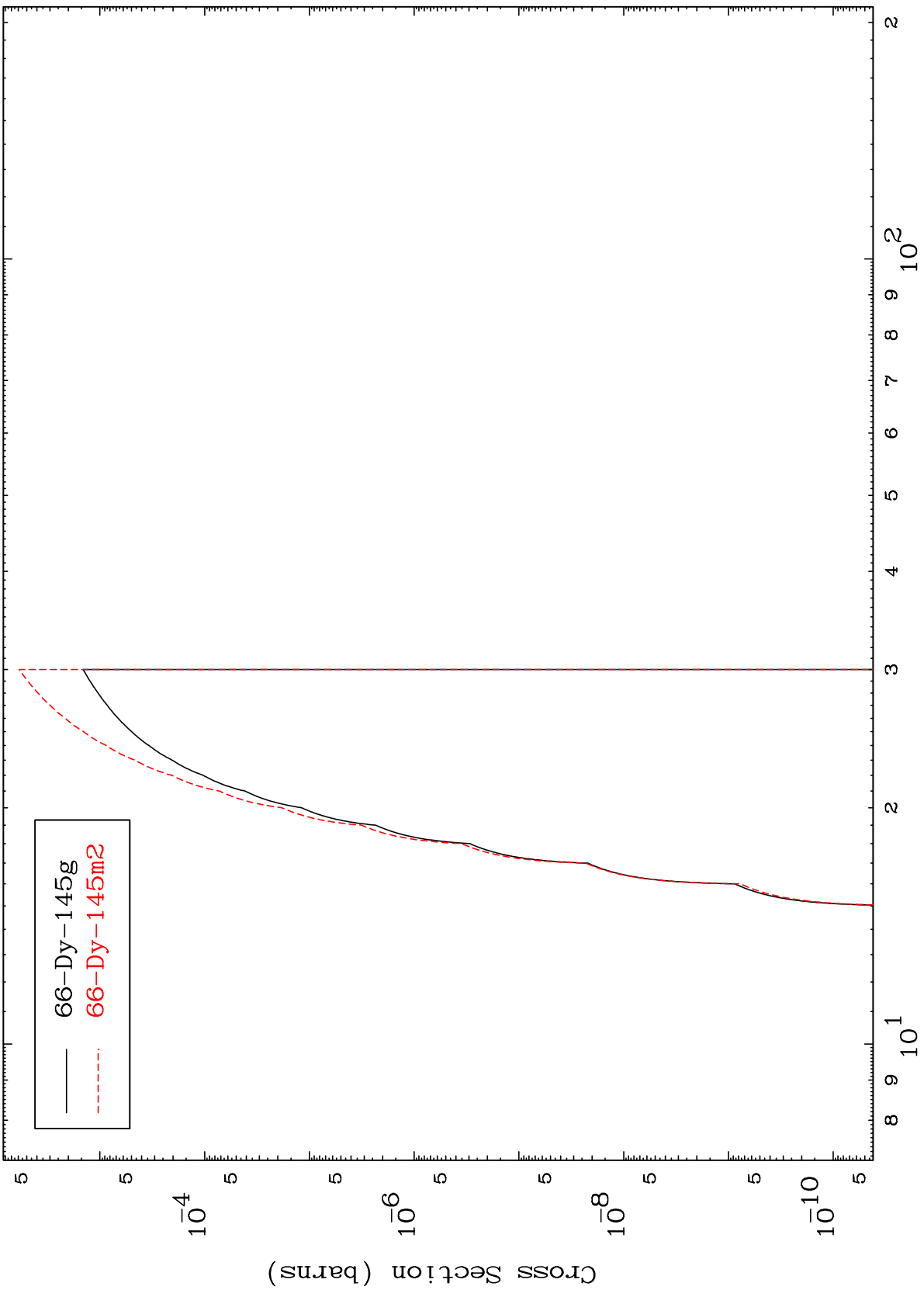
68-Er-148

MAT 6783

(n,p) t

68-Er-148

Radionuclide Production Cross Section



63

Incident Energy (MeV)

68-Er-148

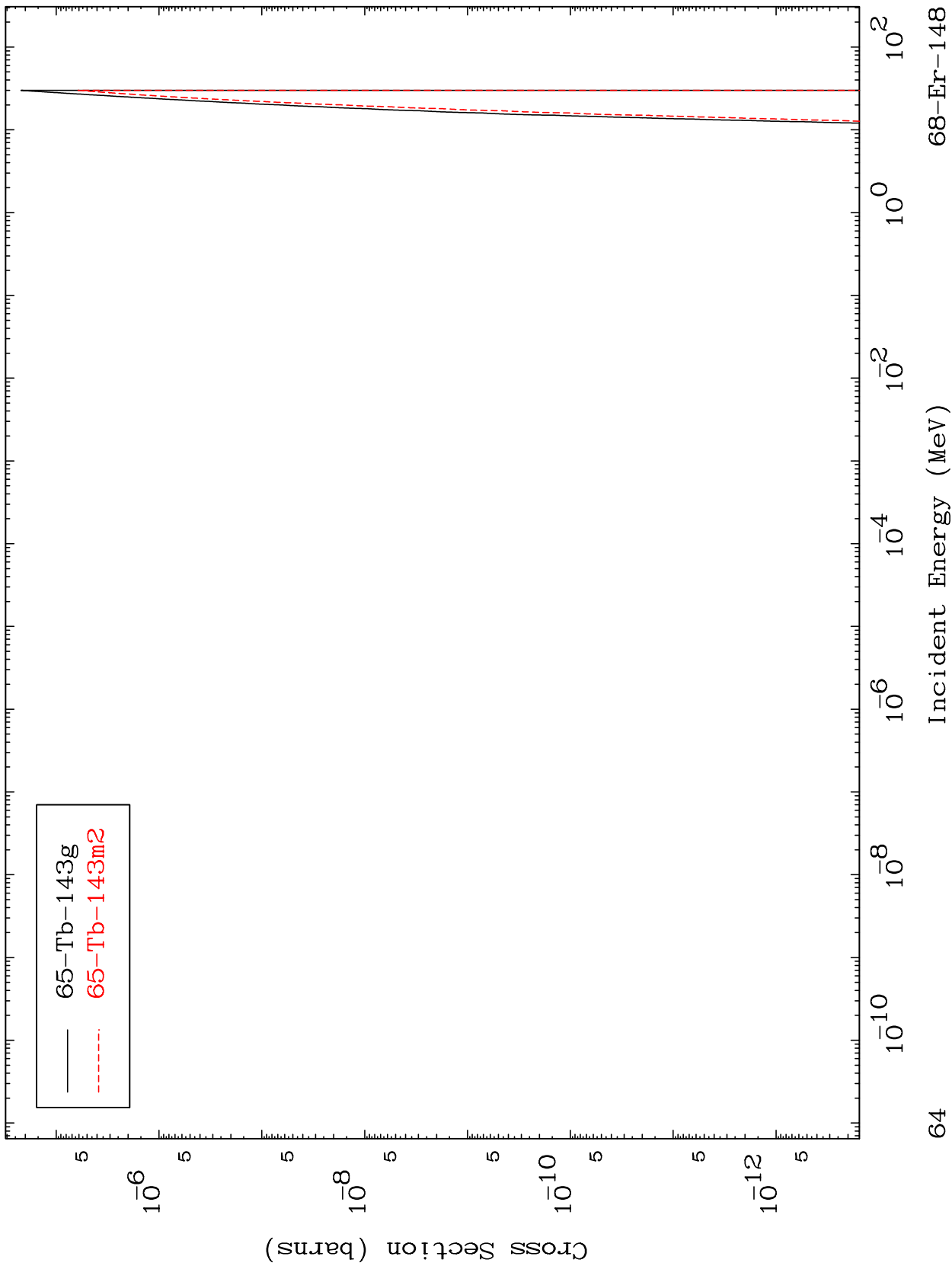


MAT 6783

(n,d)  $\alpha$

68-Er-148

Radionuclide Production Cross Section



64

Incident Energy (MeV)

68-Er-148