

Program EVALPLOT  
(Version 2021-1)

by

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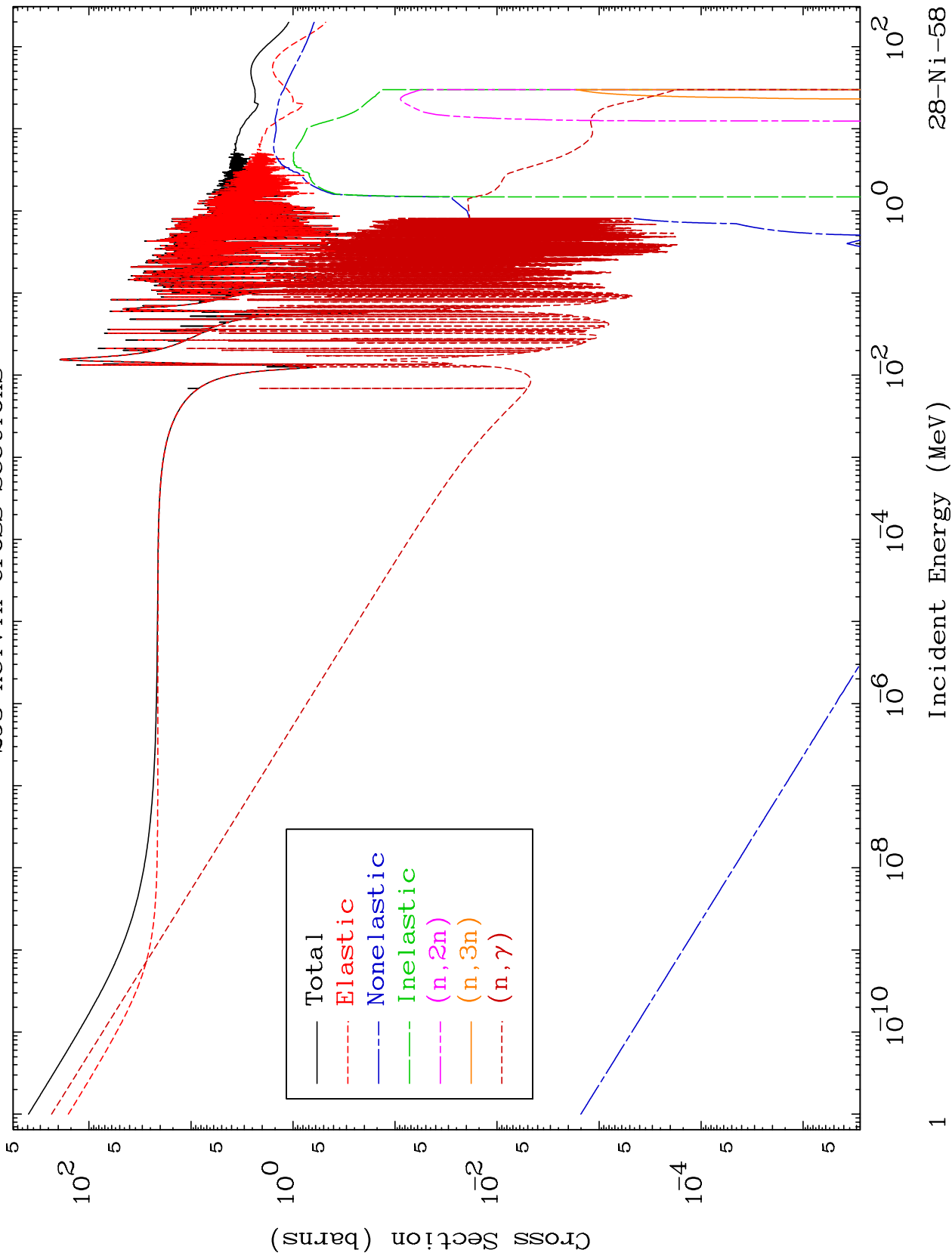
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Press Mouse Button to Start

MAT 2825

Neutron Major  
293 Kelvin Cross Sections

28-Ni-58



1

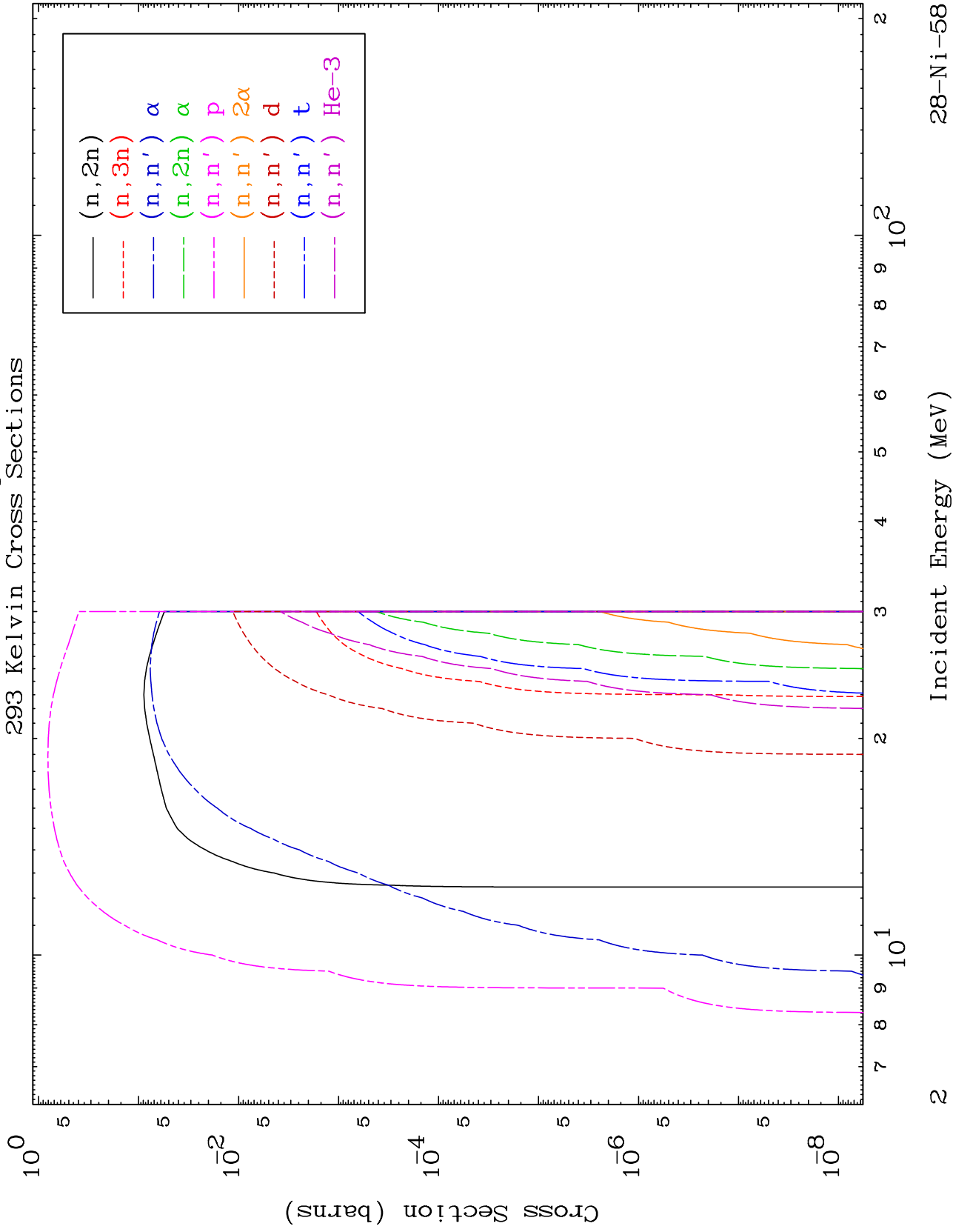
Incident Energy (MeV)

28-Ni-58

MAT 2825

Neutron Absorption  
293 Kelvin Cross Sections

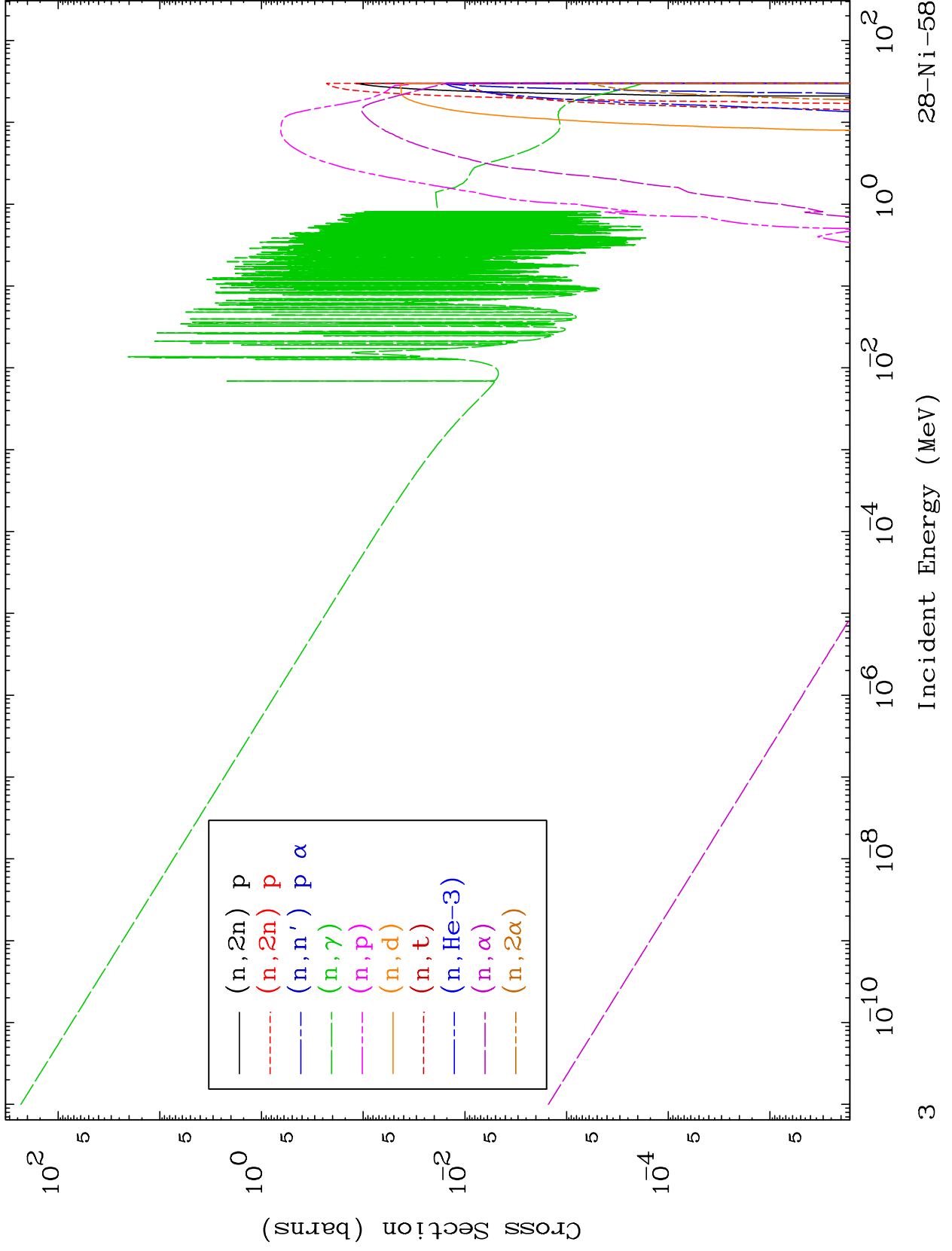
28-Ni-58



MAT 2825

Neutron Absorption  
293 Kelvin Cross Sections

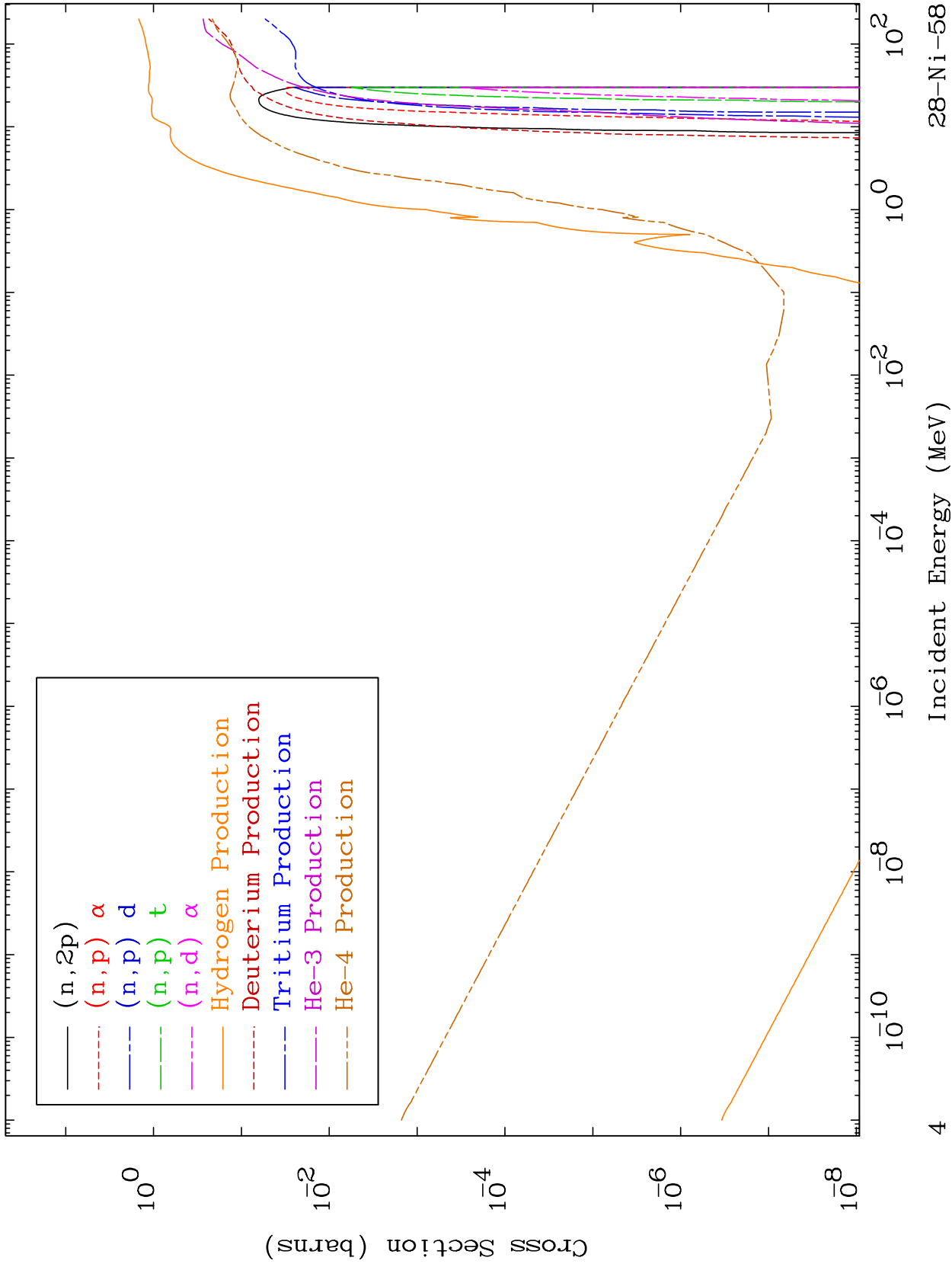
28-Ni-58

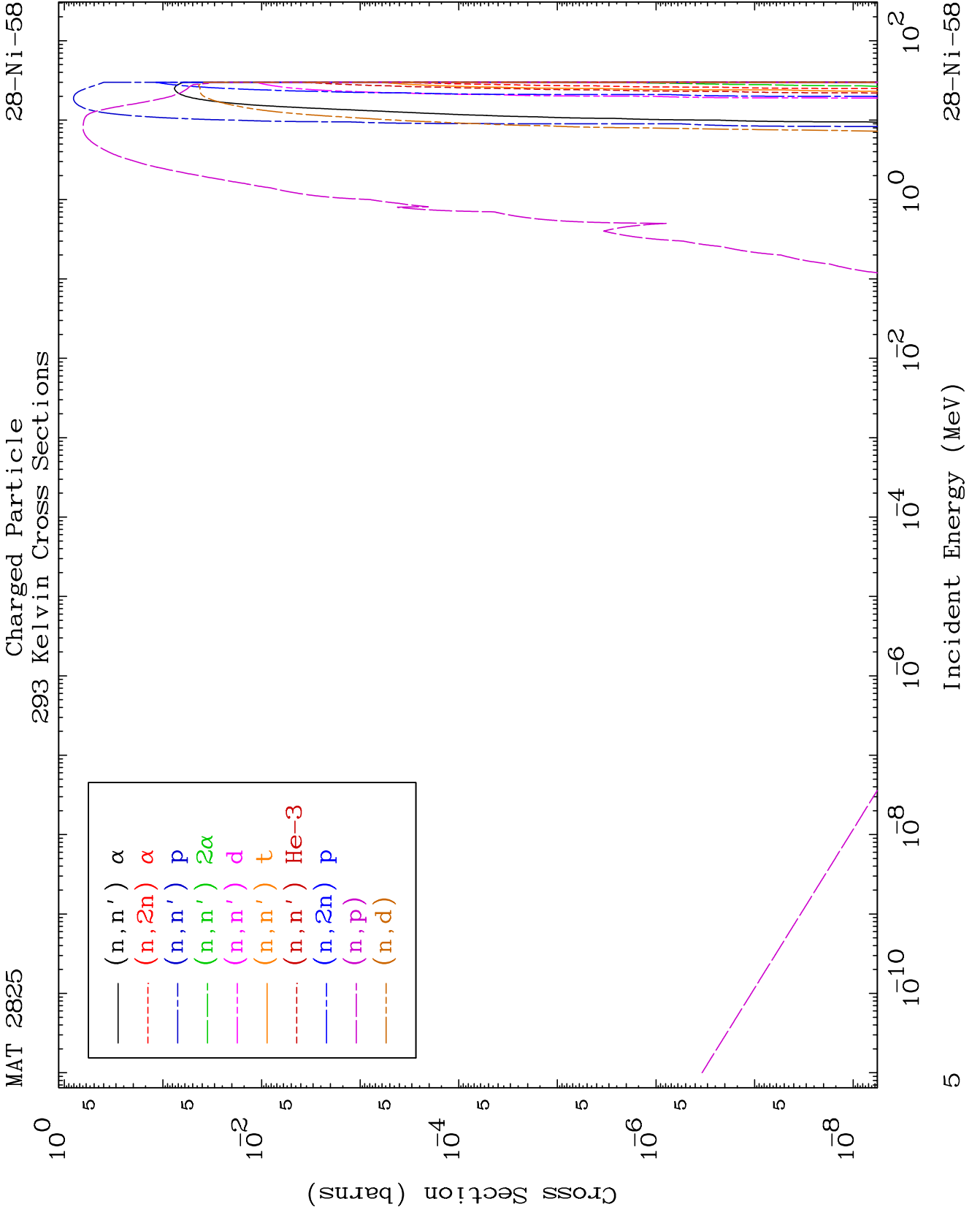


MAT 2825

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-58

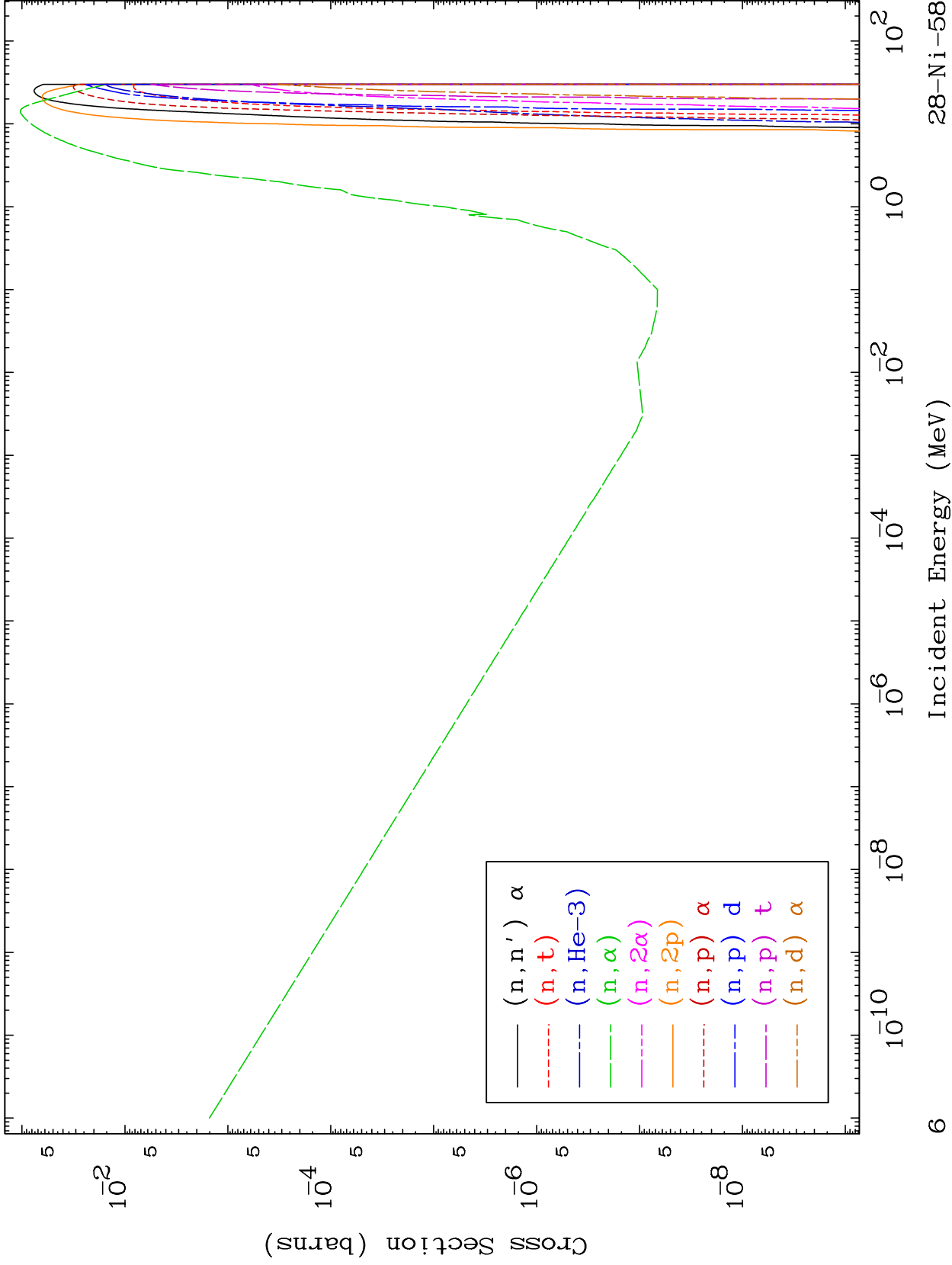




MAT 2825

Charged Particle  
293 Kelvin Cross Sections

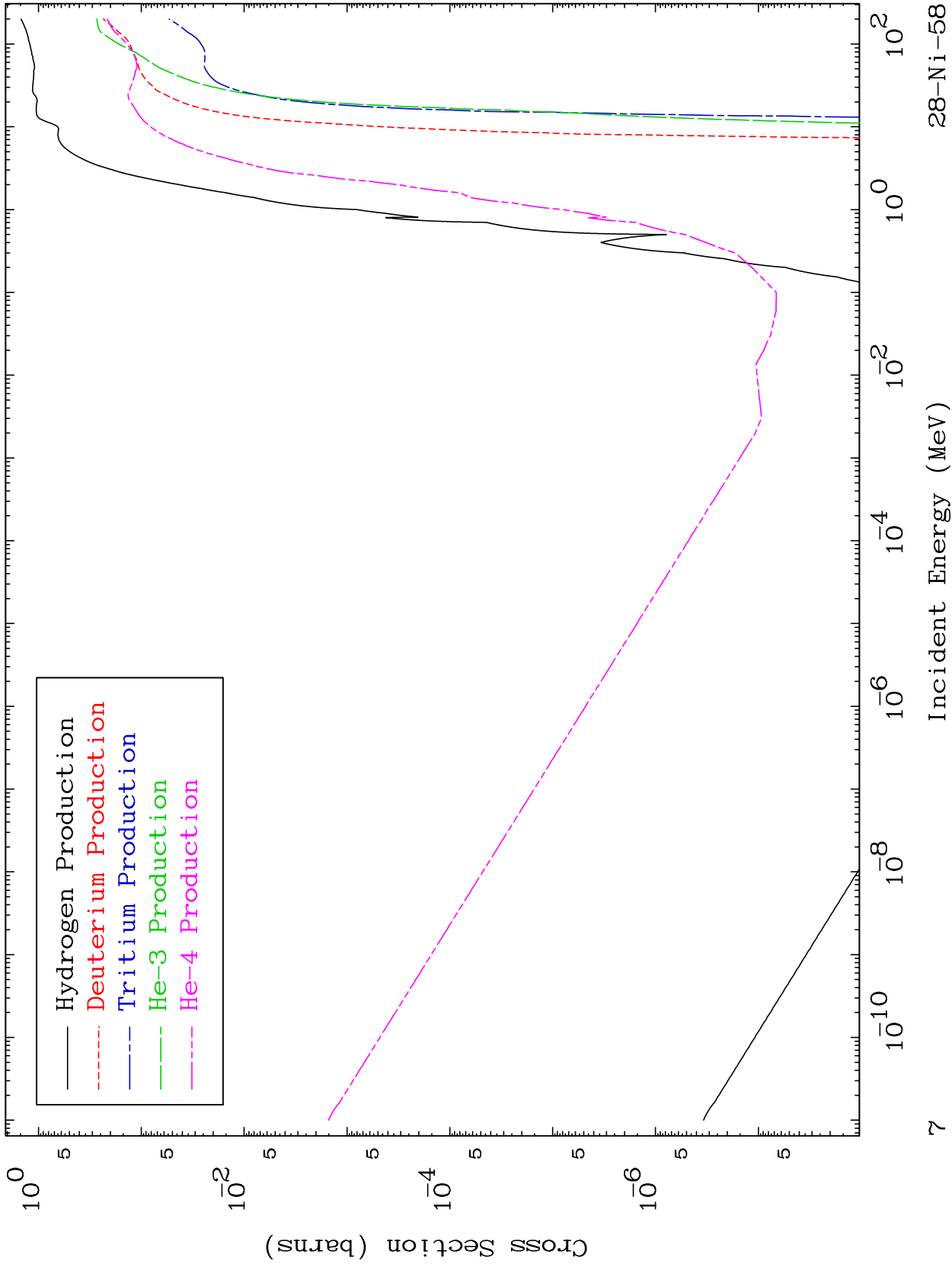
28-Ni-58



MAT 2825

Particle Production  
293 Kelvin Cross Sections

28-Ni-58



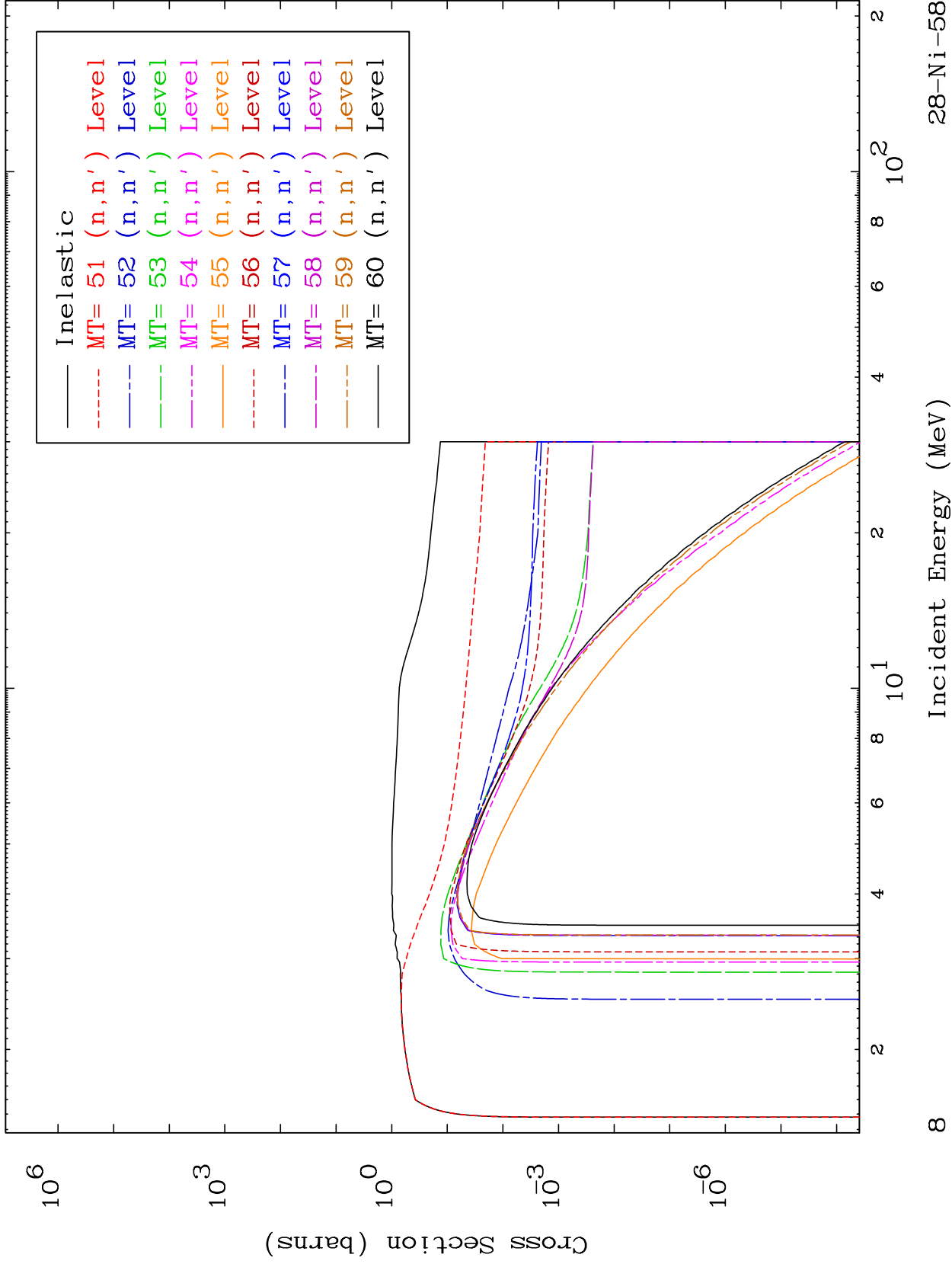


MAT 2825

(n,n') Levels

28-Ni-58

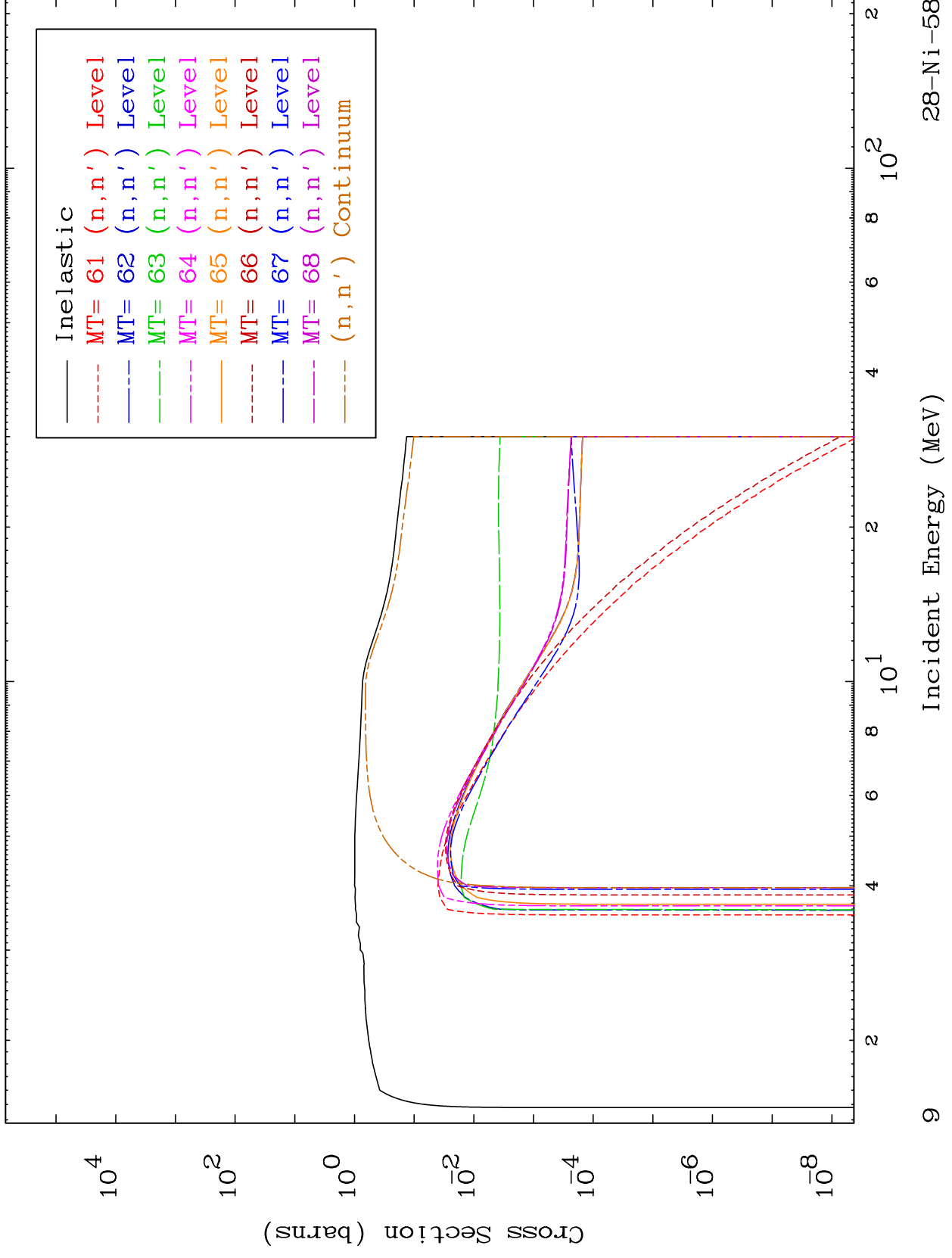
293 Kelvin Cross Sections



8

Incident Energy (MeV)

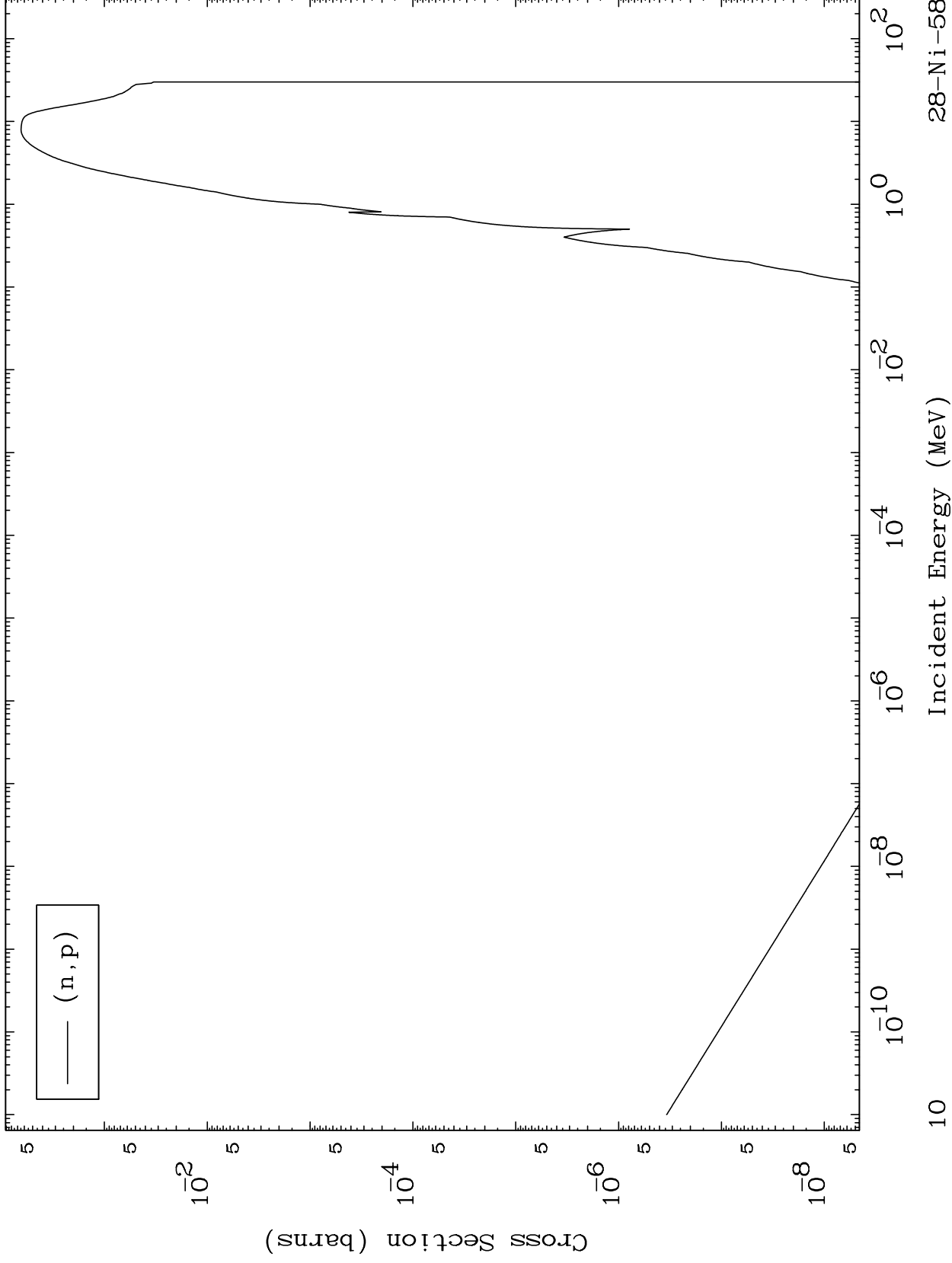
28-Ni-58



MAT 2825

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-58



10

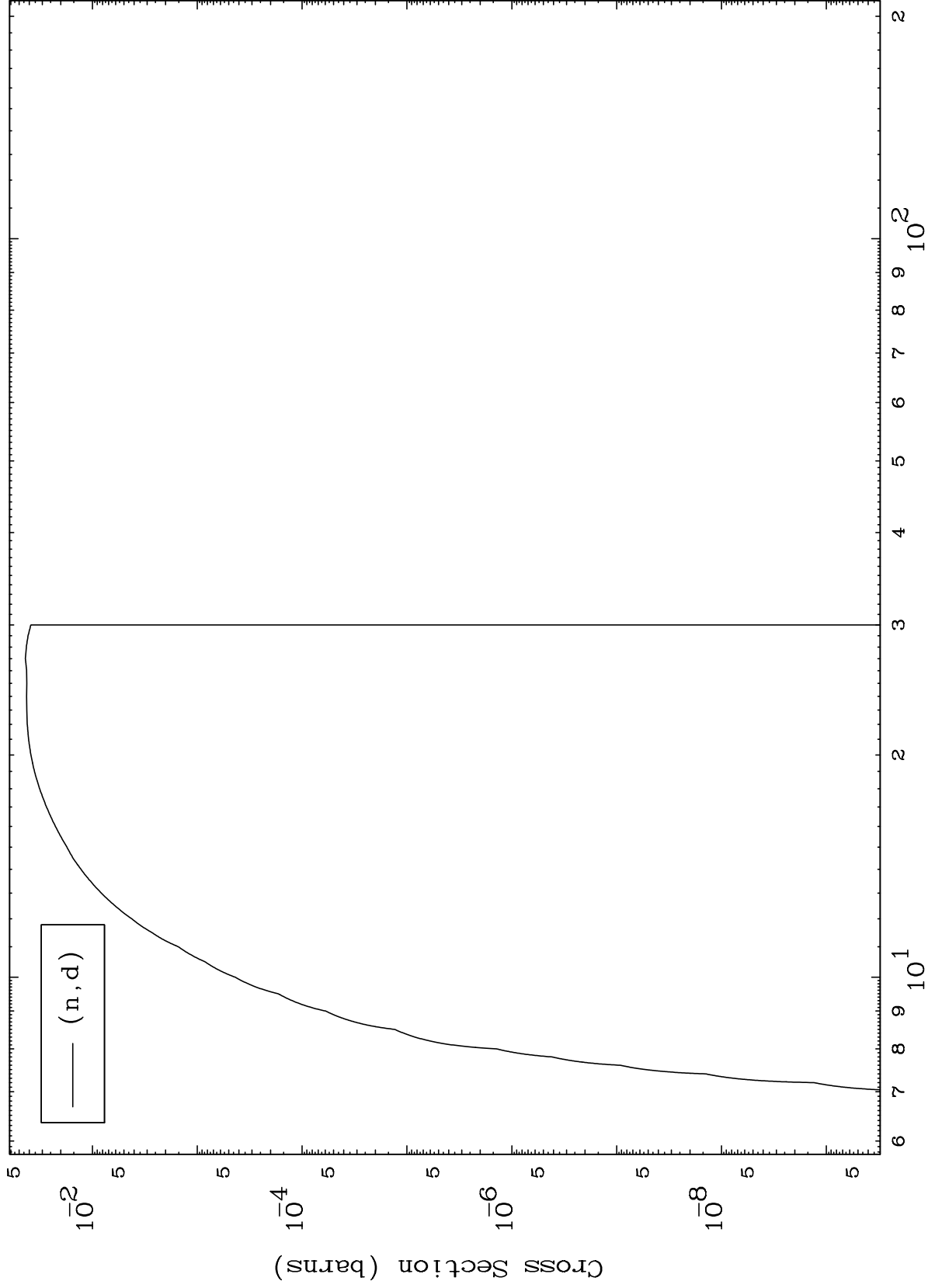
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,d) Levels  
293 Kelvin Cross Sections

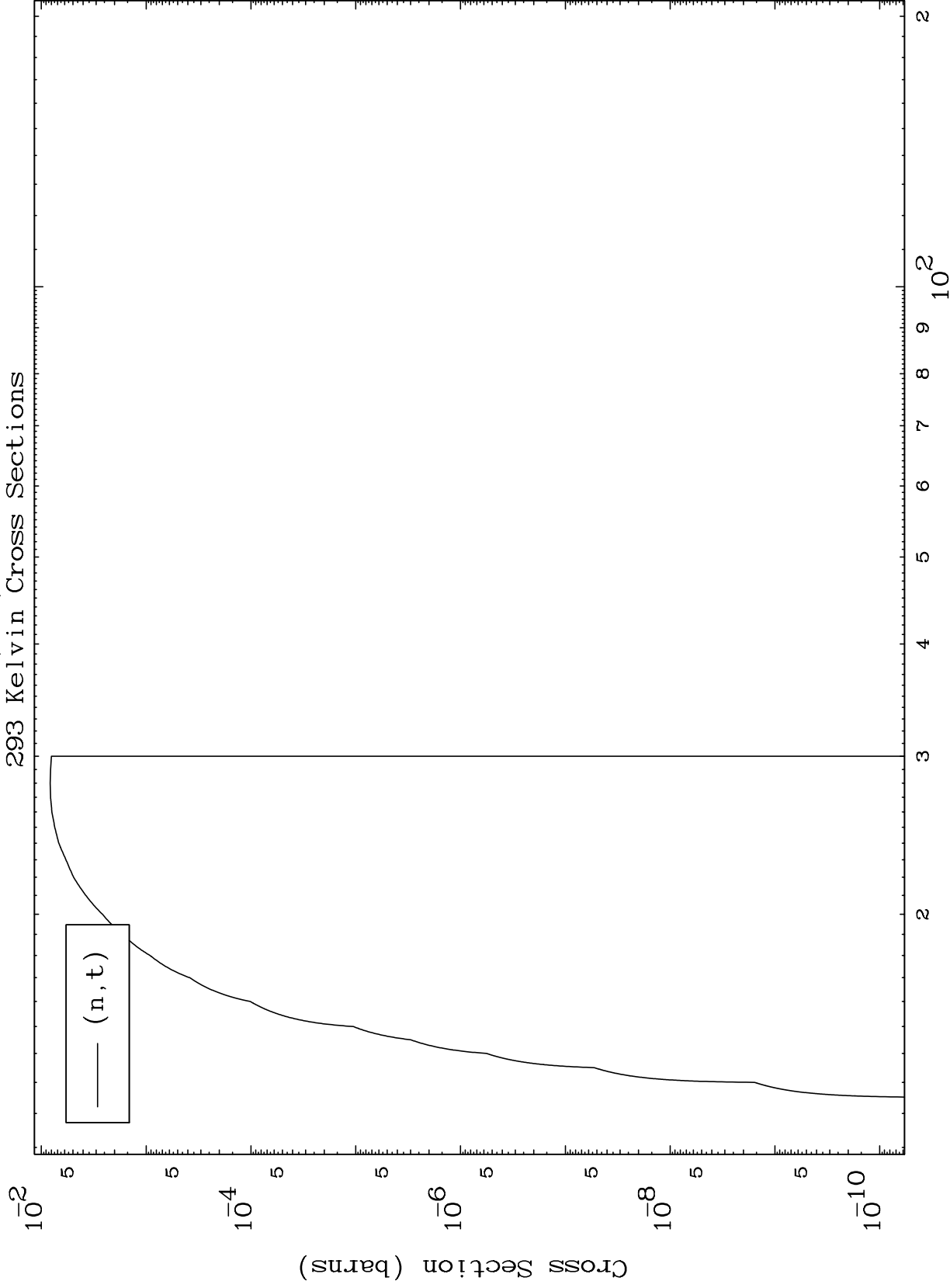
28-Ni-58



MAT 2825

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-58



12

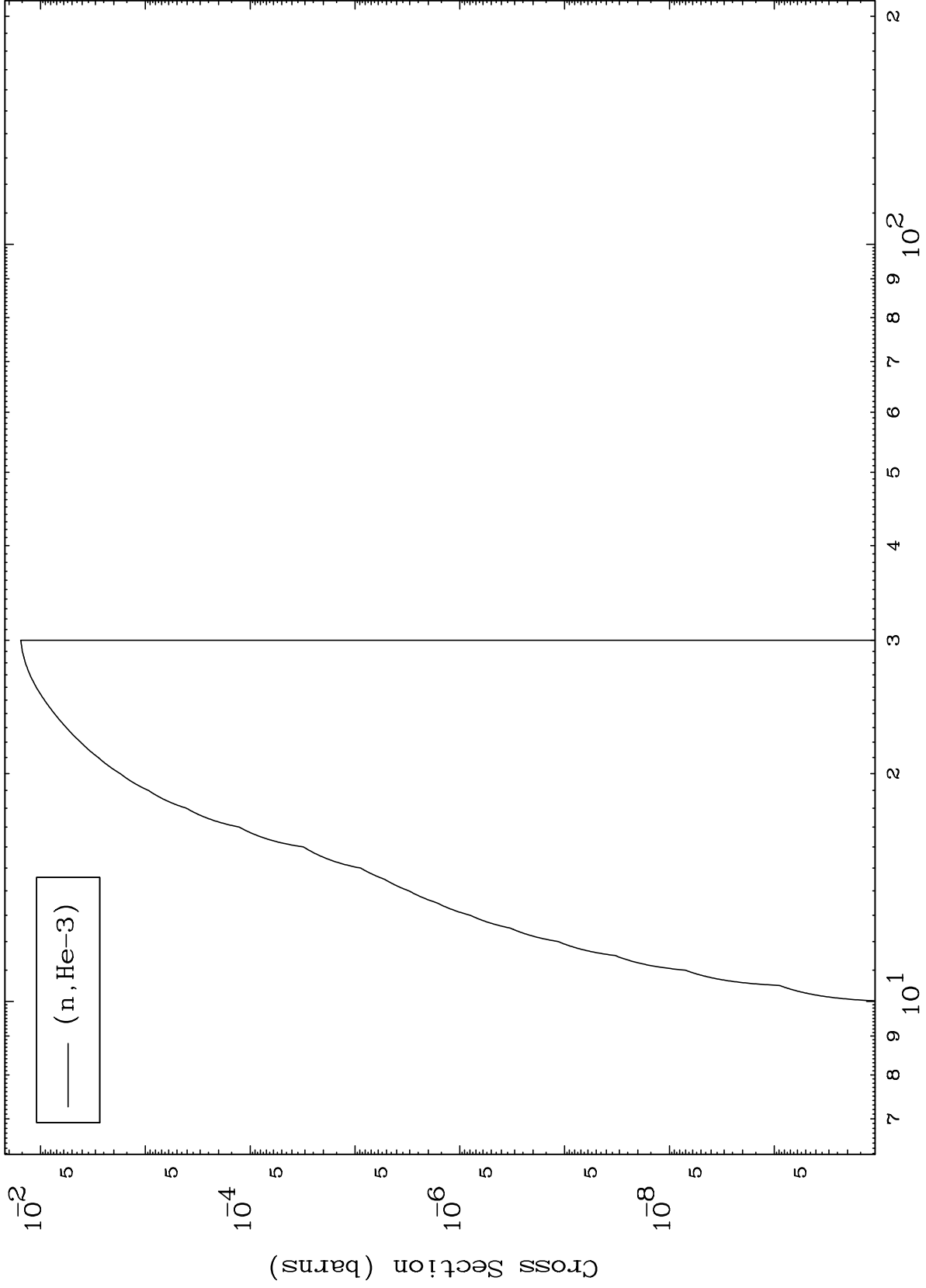
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-58



13

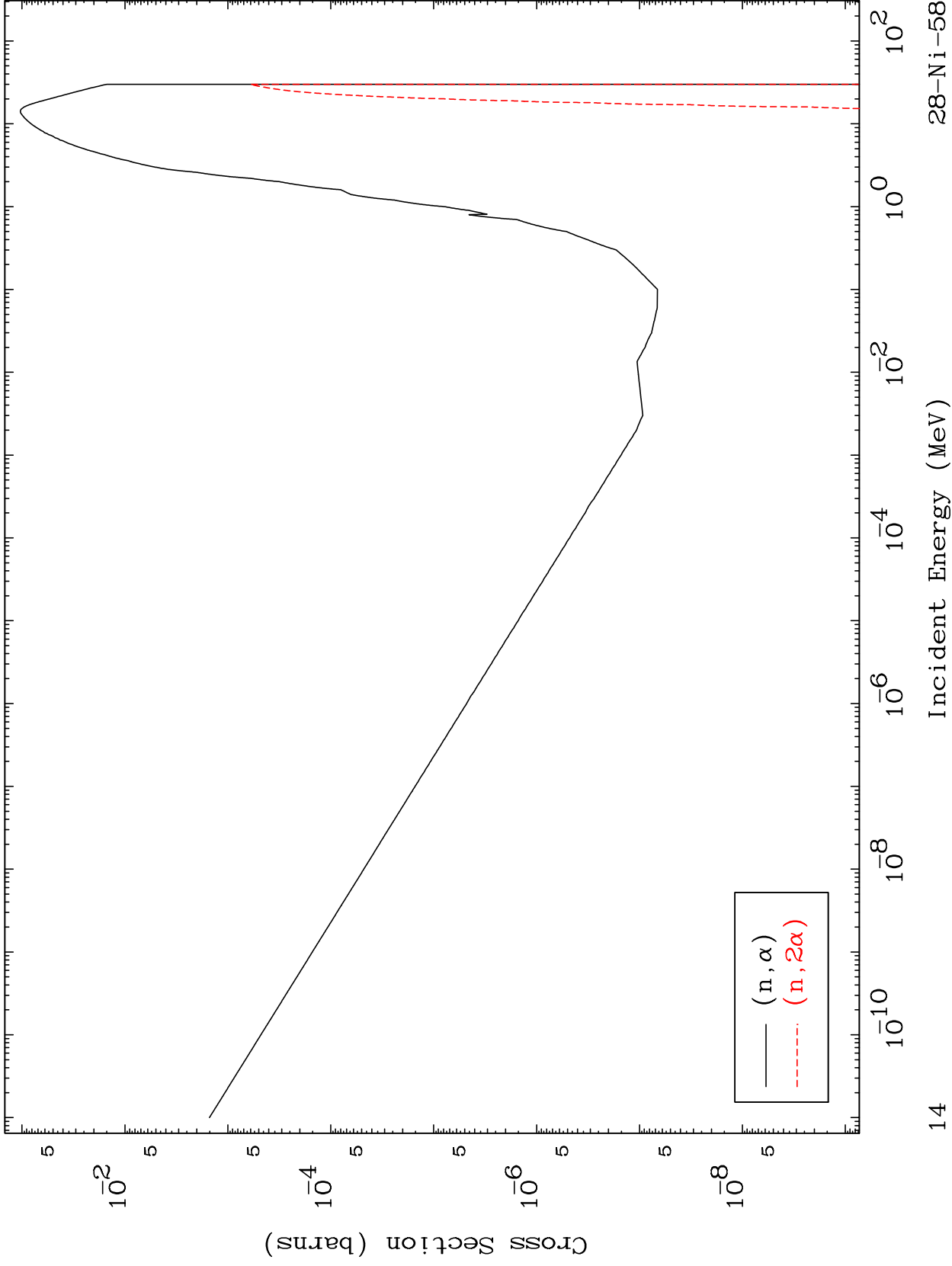
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,α) Levels  
293 Kelvin Cross Sections

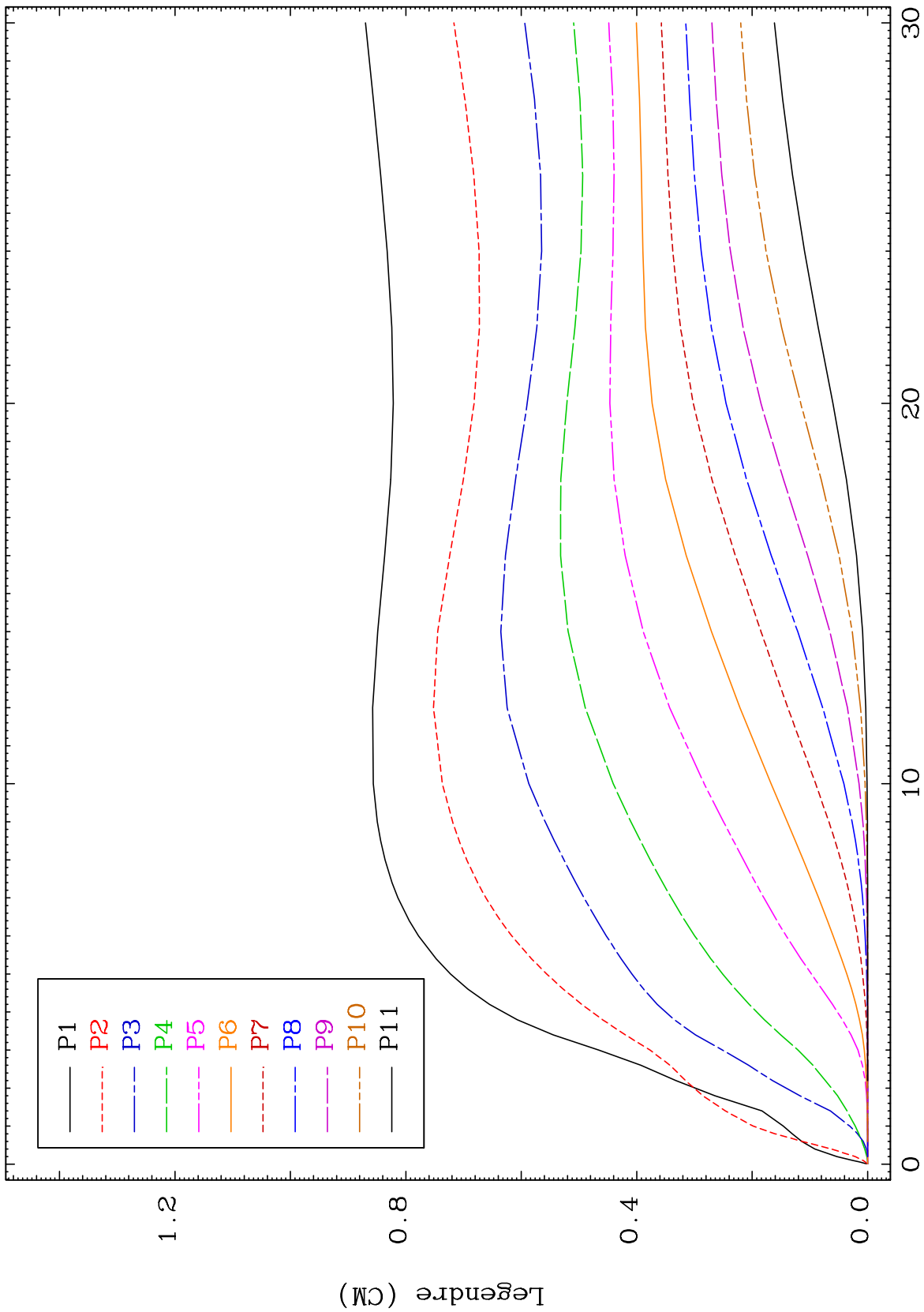
28-Ni-58



MAT 2825

Elastic Legendre Coefficients

<sup>28</sup>Ni-58

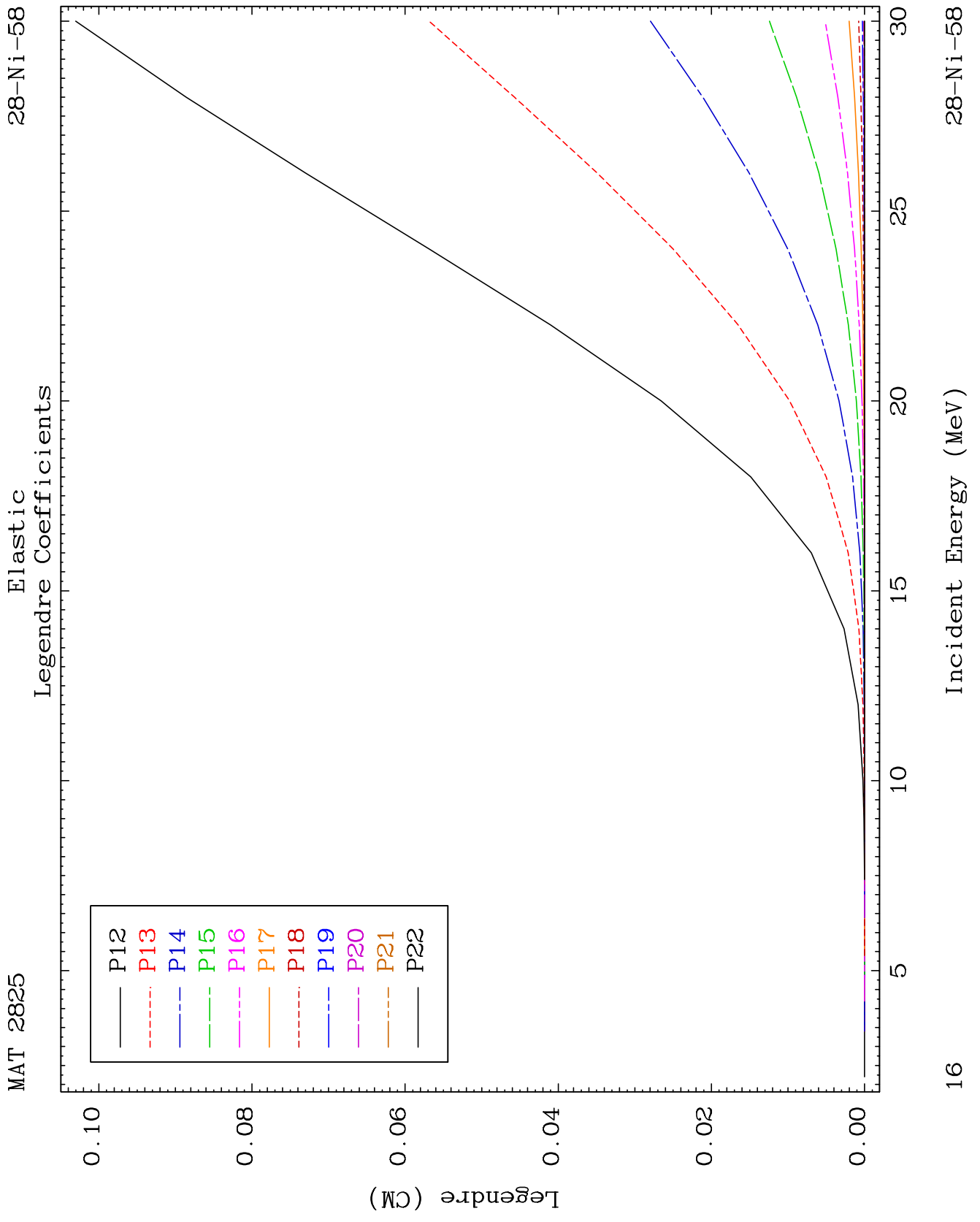


<sup>28</sup>Ni-58

Incident Energy (MeV)

15





MAT 2825

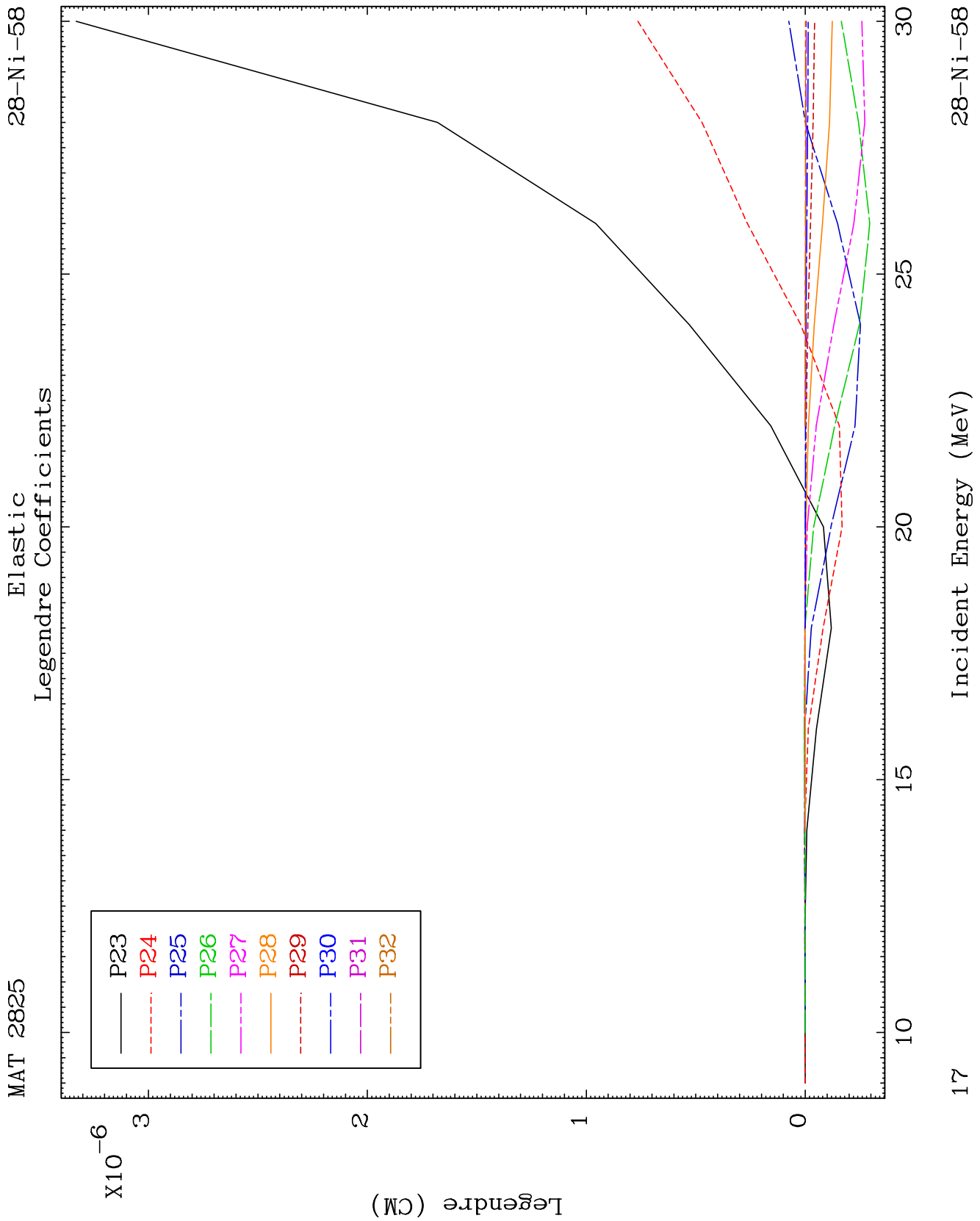
Elastic Legendre Coefficients

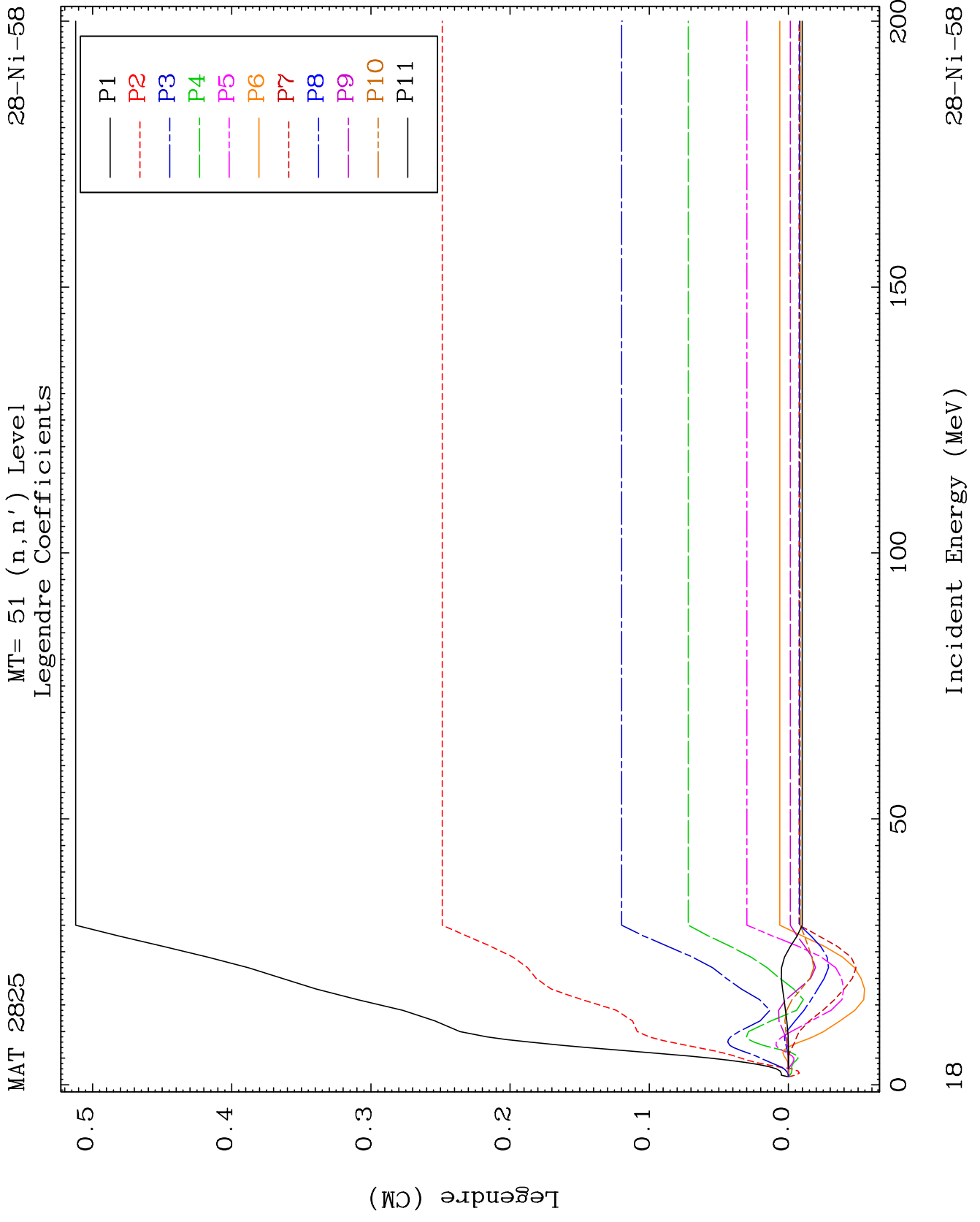
$^{28}\text{Ni-58}$

16

Incident Energy (MeV)

$^{28}\text{Ni-58}$

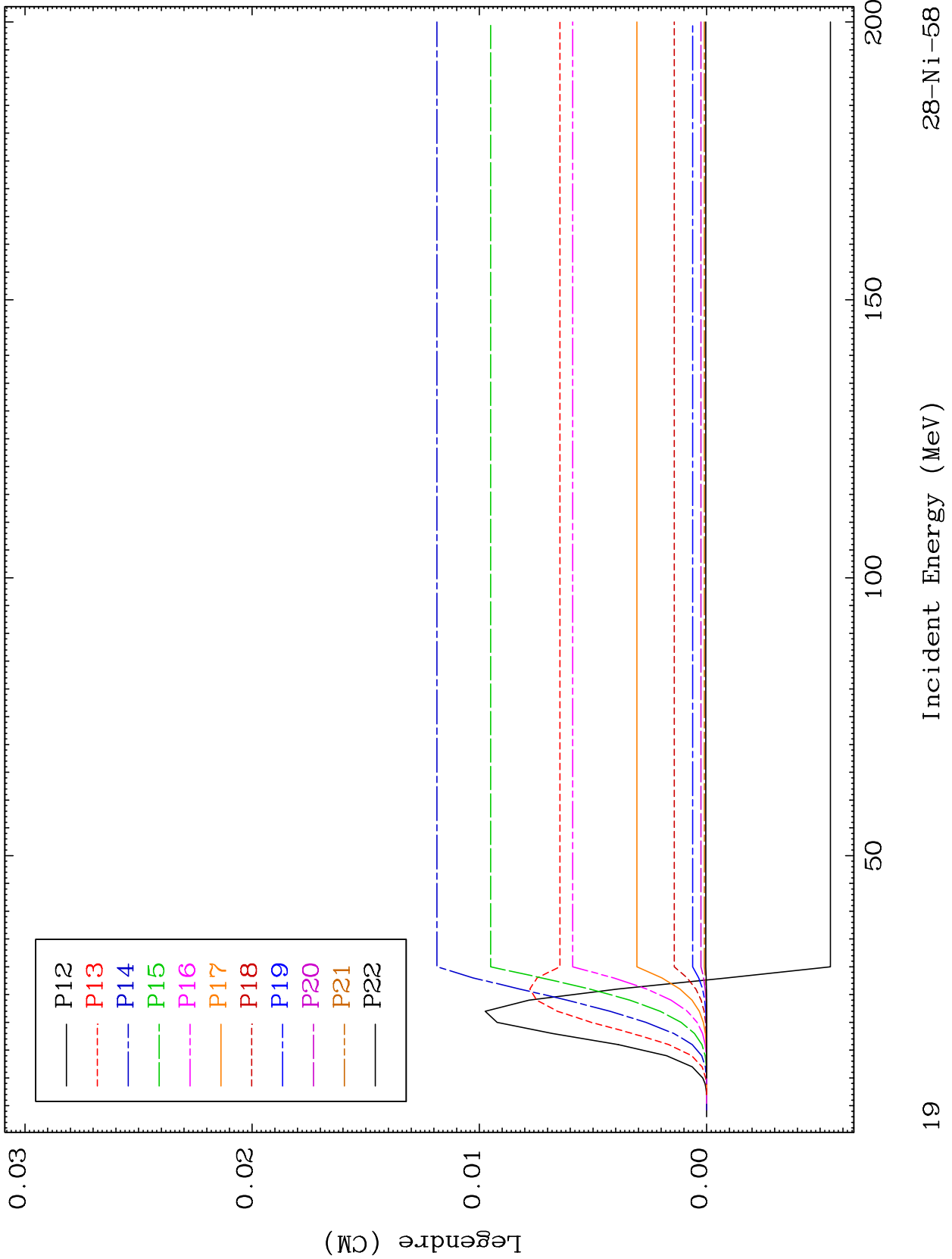




MAT 2825

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

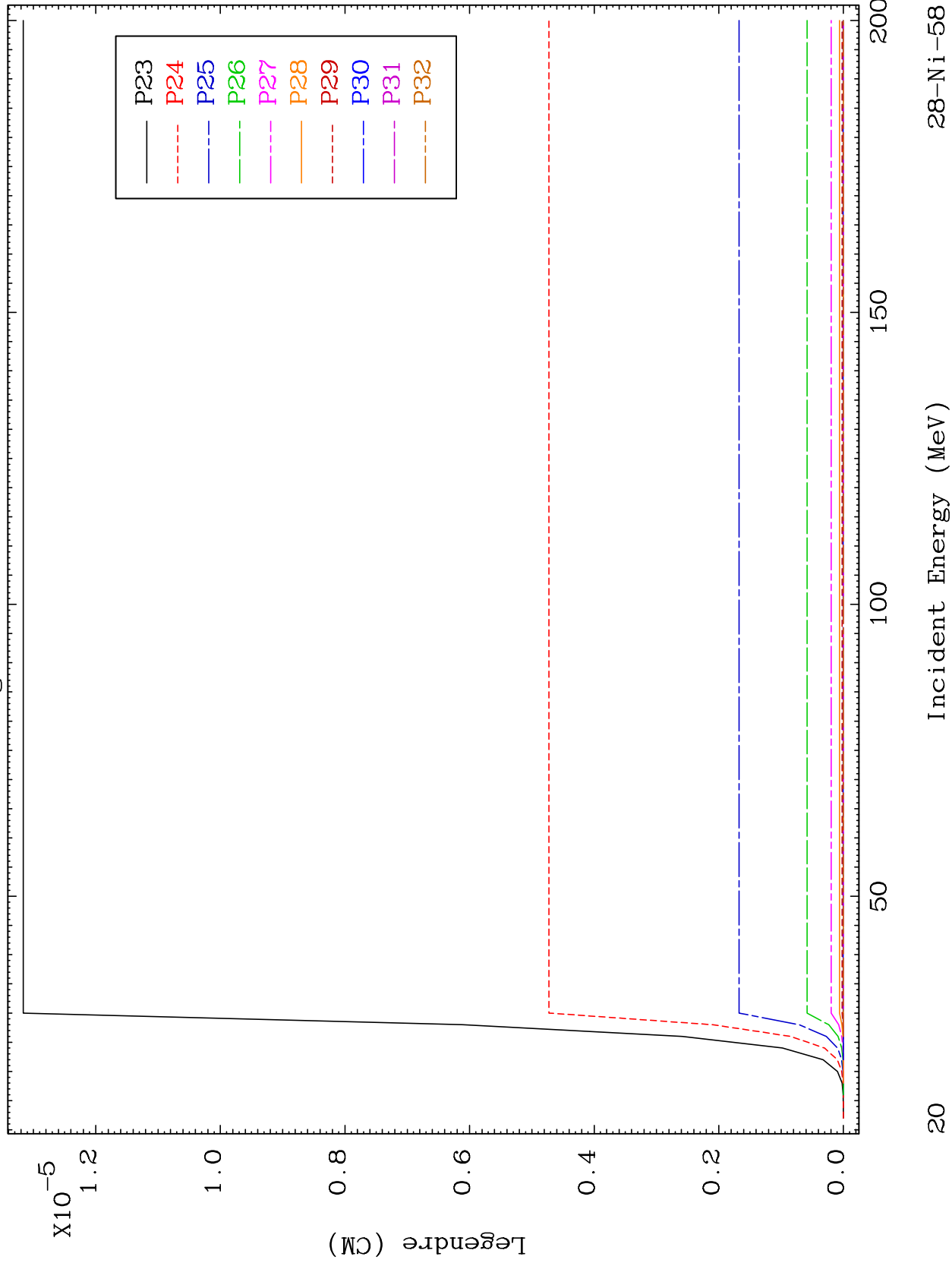
28-Ni-58



MAT 2825

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

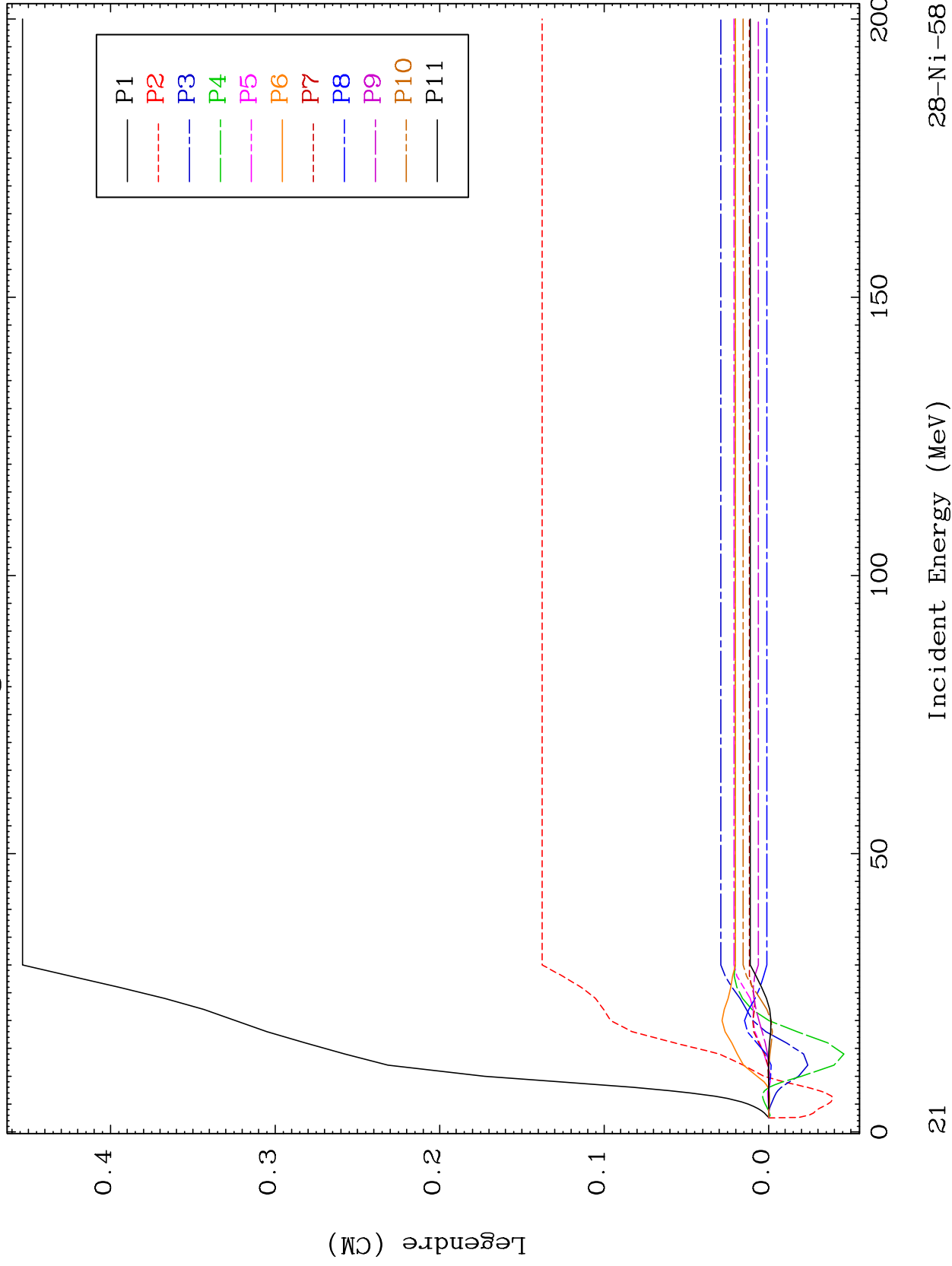
28-Ni-58

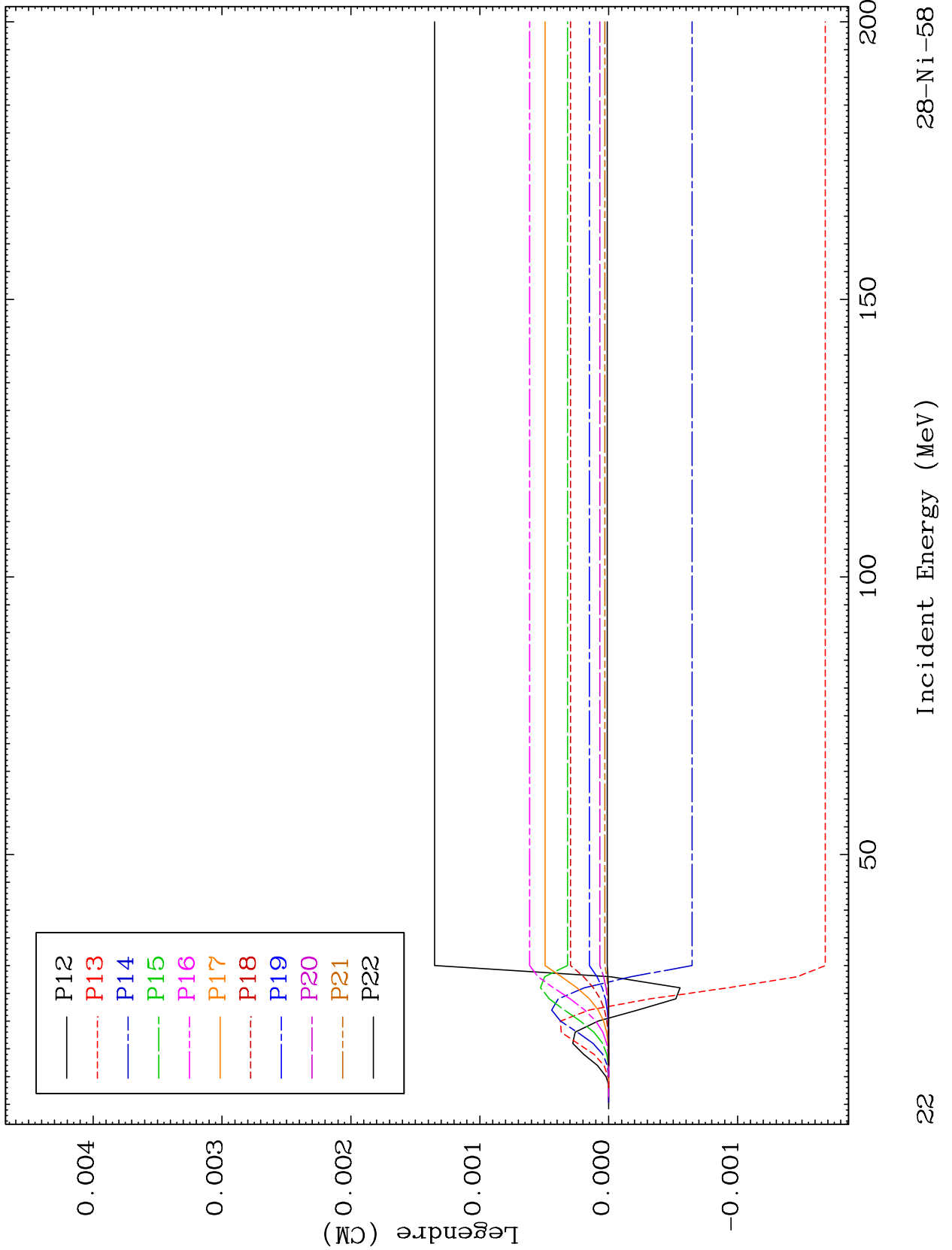


MAT 2825

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

28-Ni-58

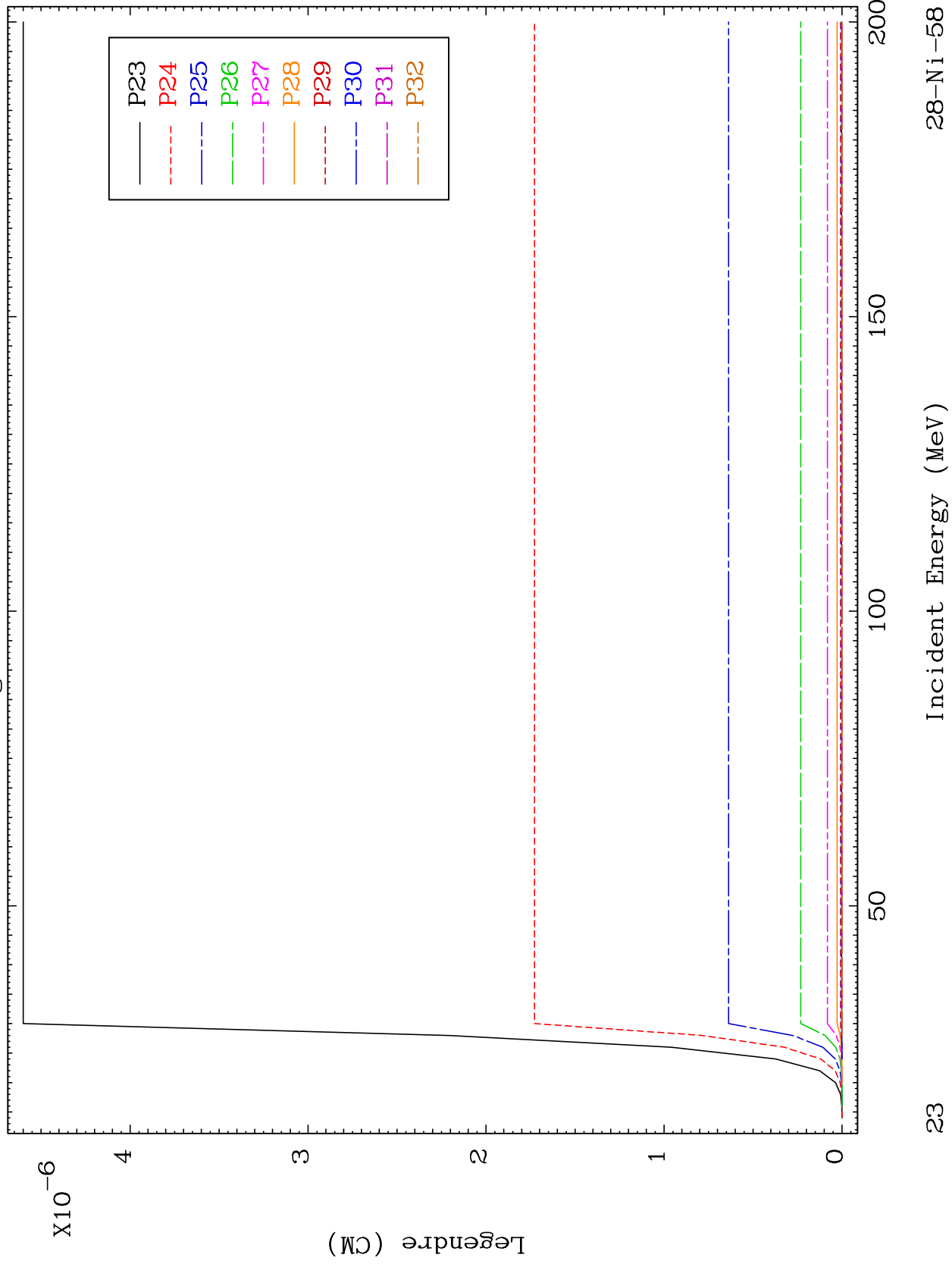




MAT 2825

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

28-Ni-58



23

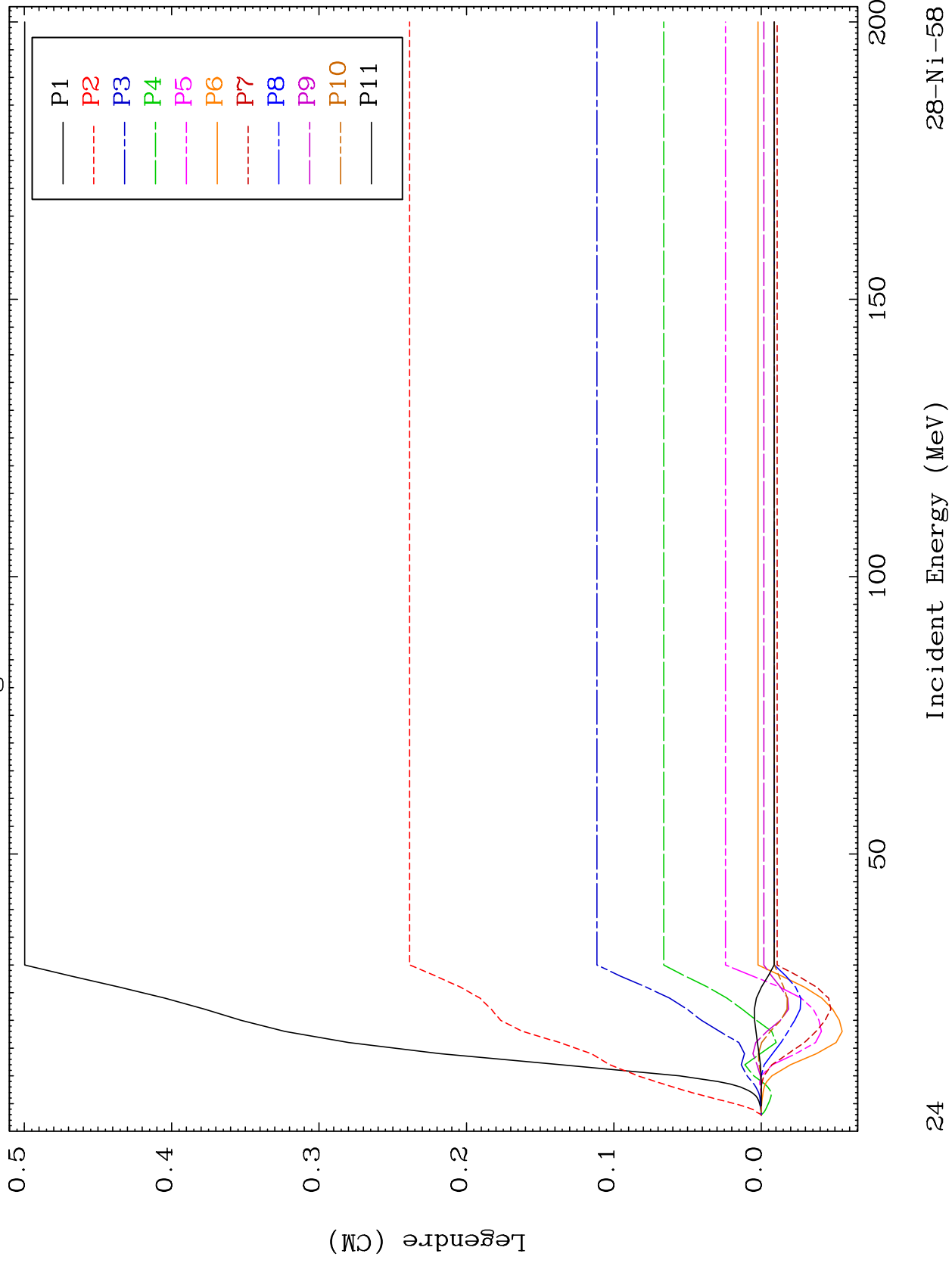
28-Ni-58



MAT 2825

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

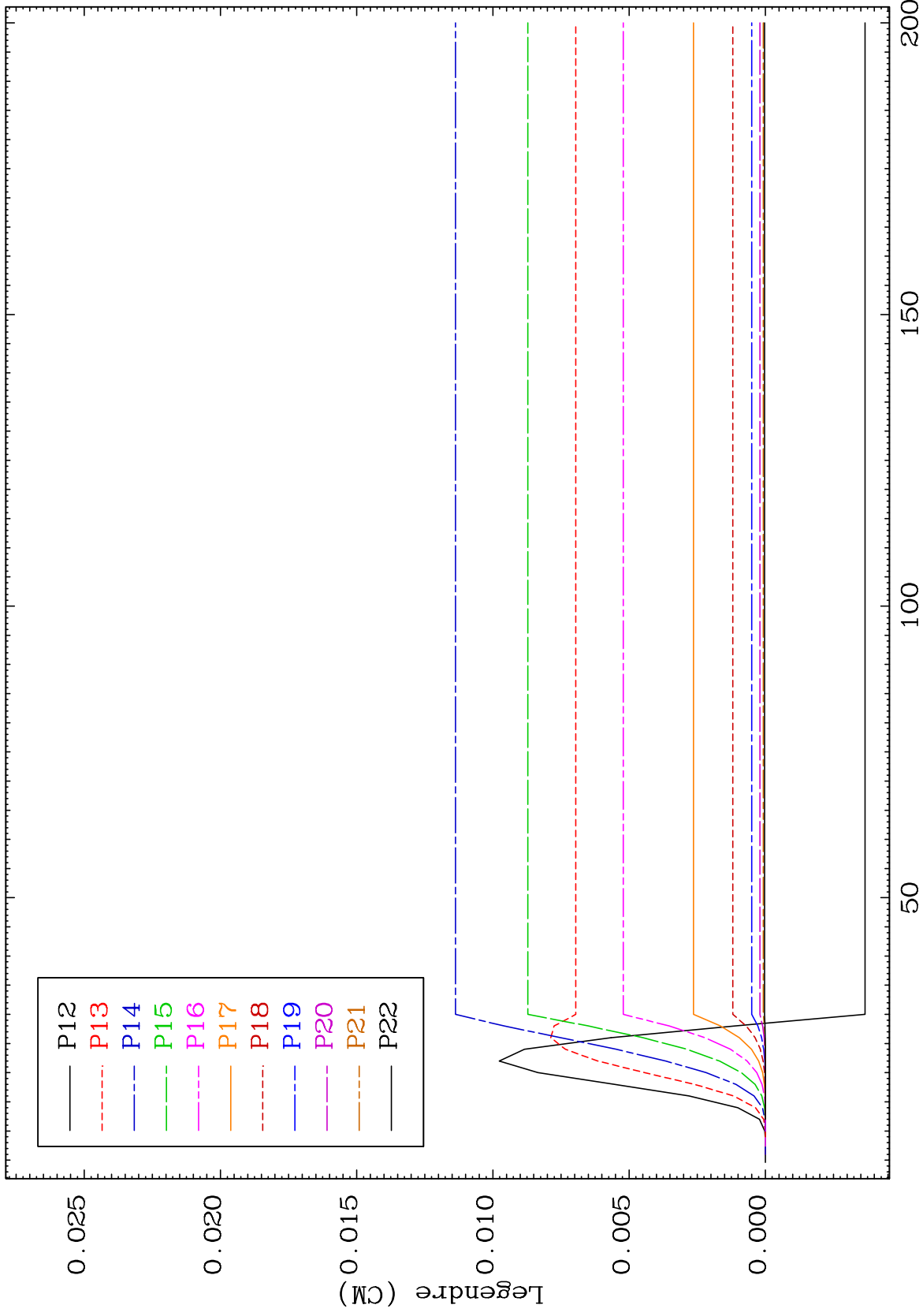
28-Ni-58



24

Incident Energy (MeV)

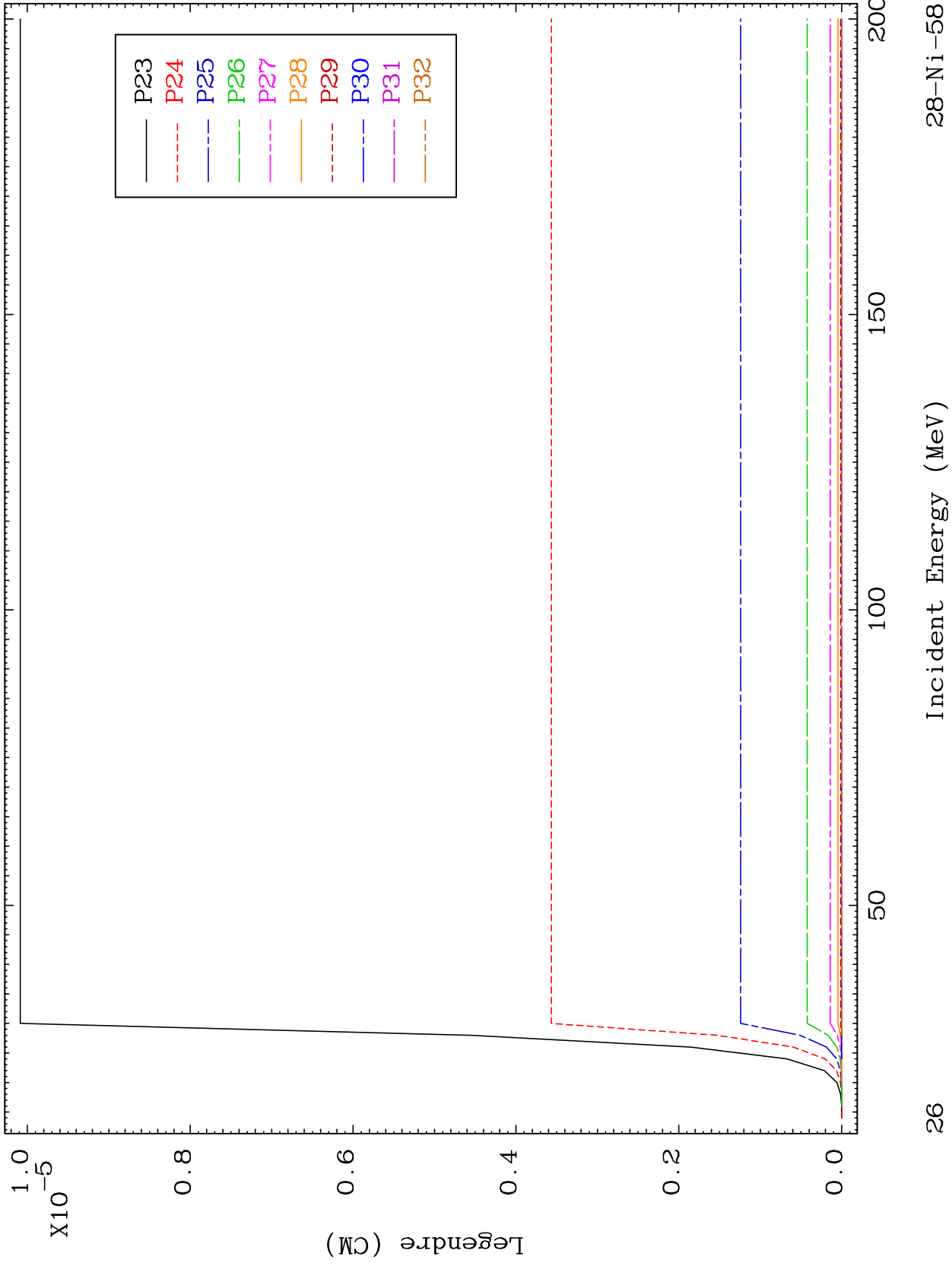
28-Ni-58



MAT 2825

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

28-Ni-58



26

Incident Energy (MeV)

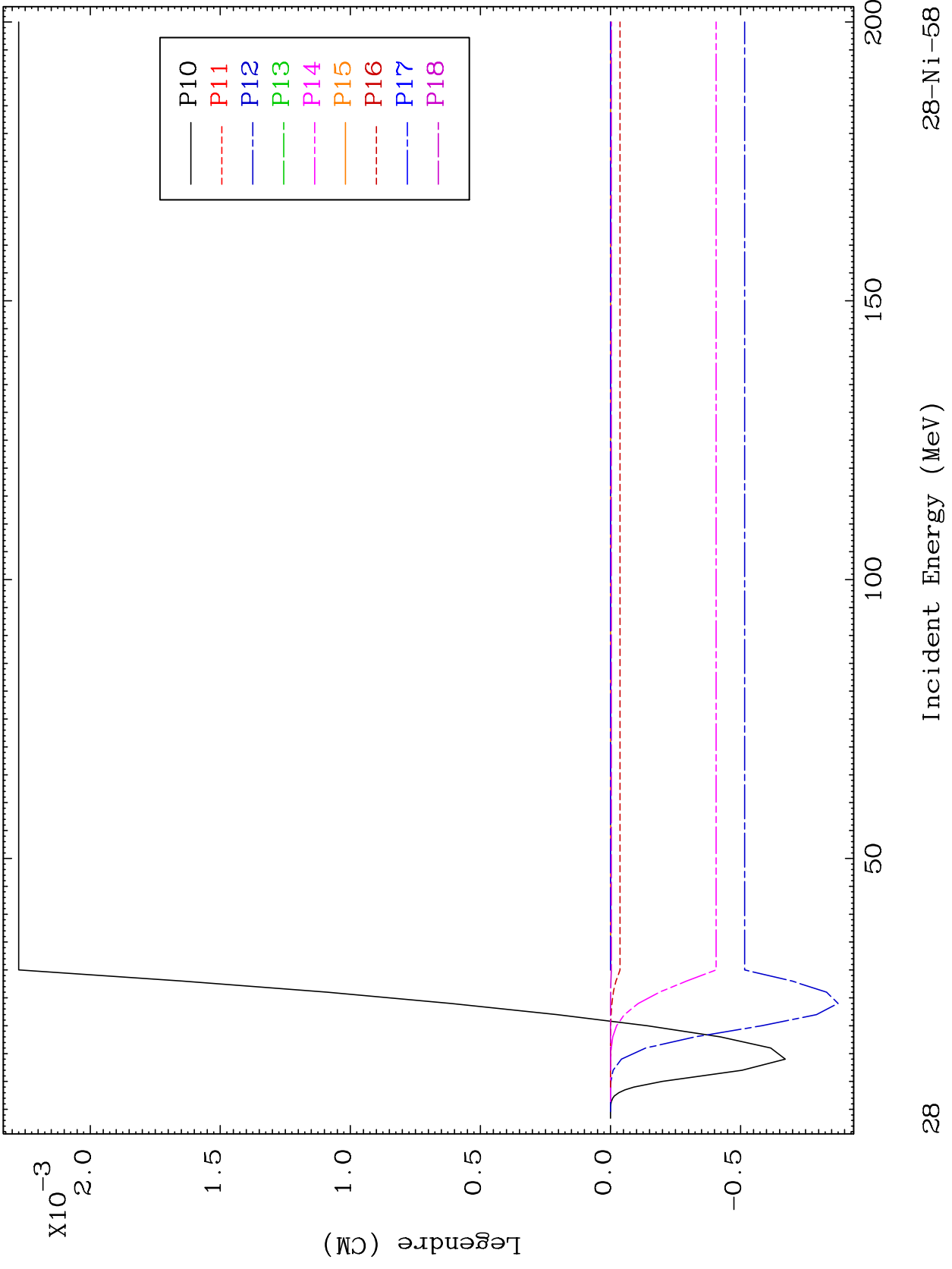
28-Ni-58



MAT 2825

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

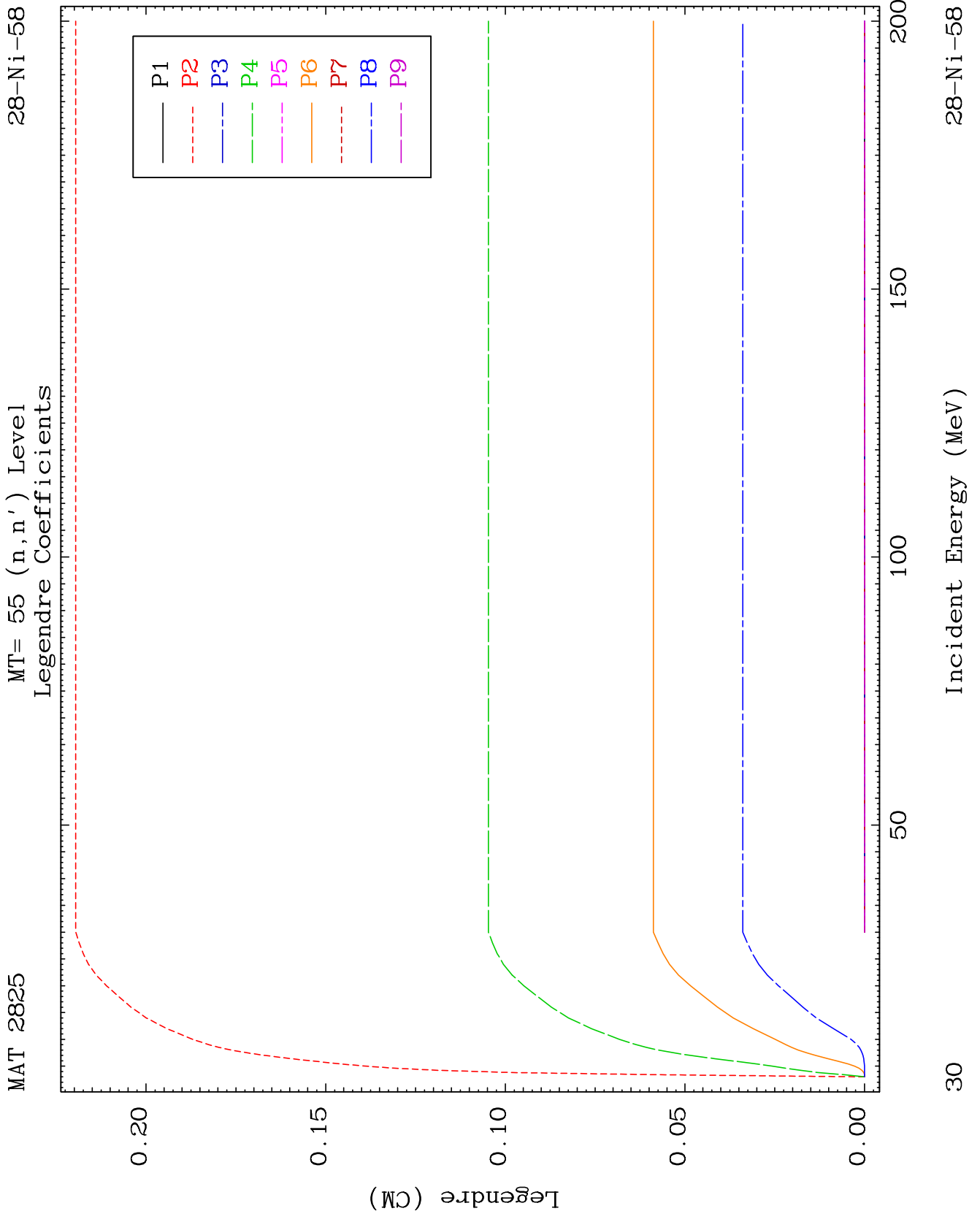
28-Ni-58



28

28-Ni-58

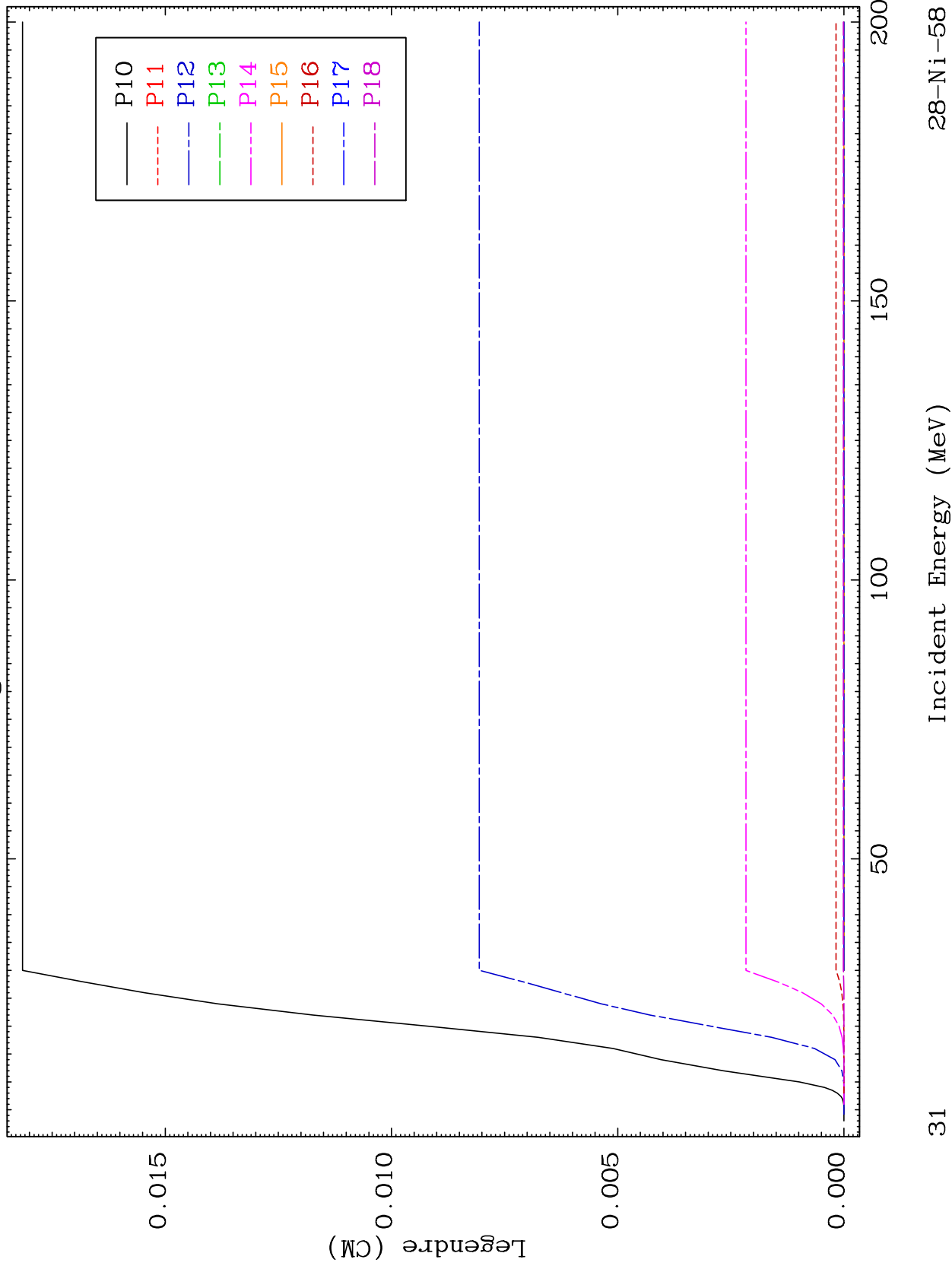




MAT 2825

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

28-Ni-58

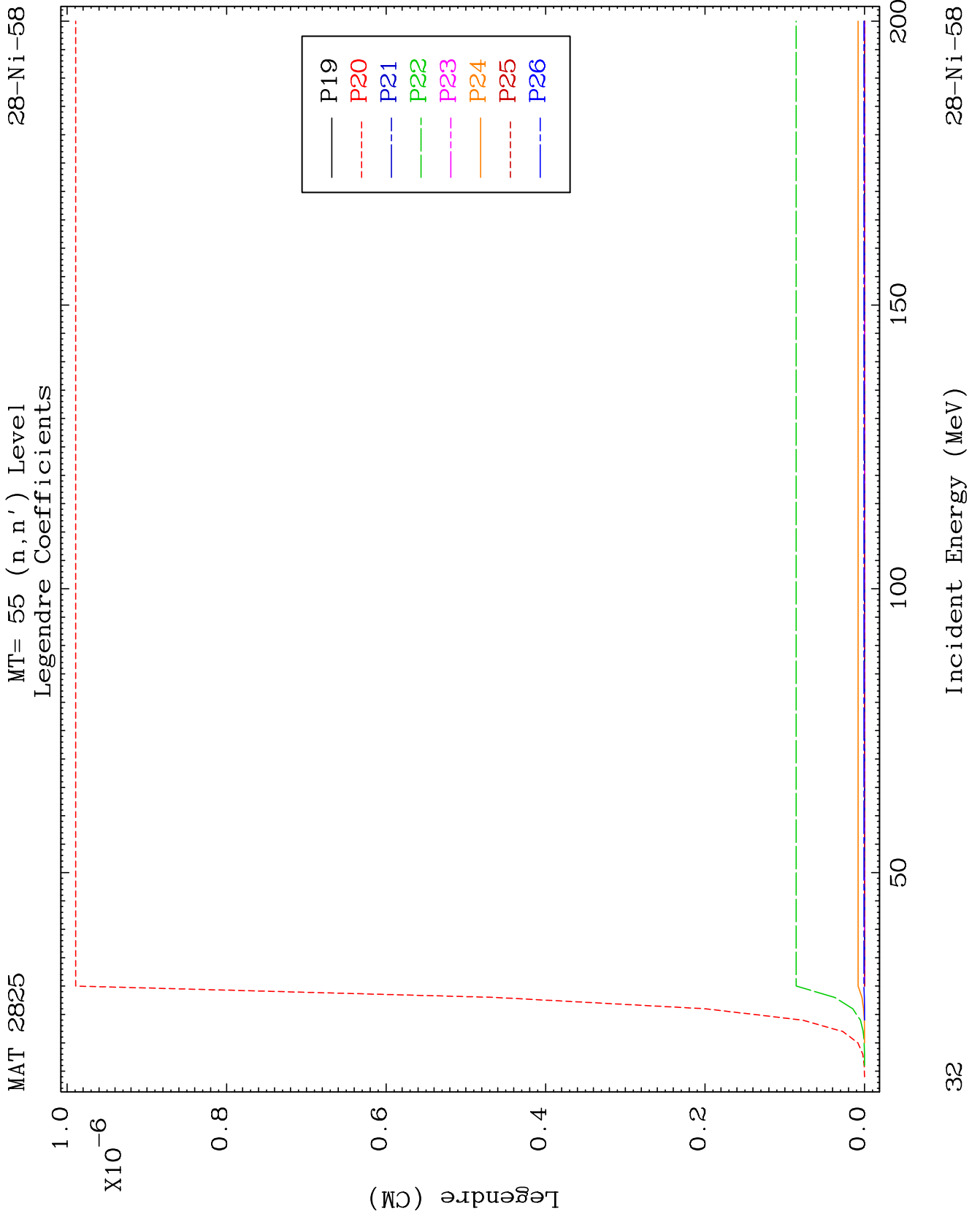


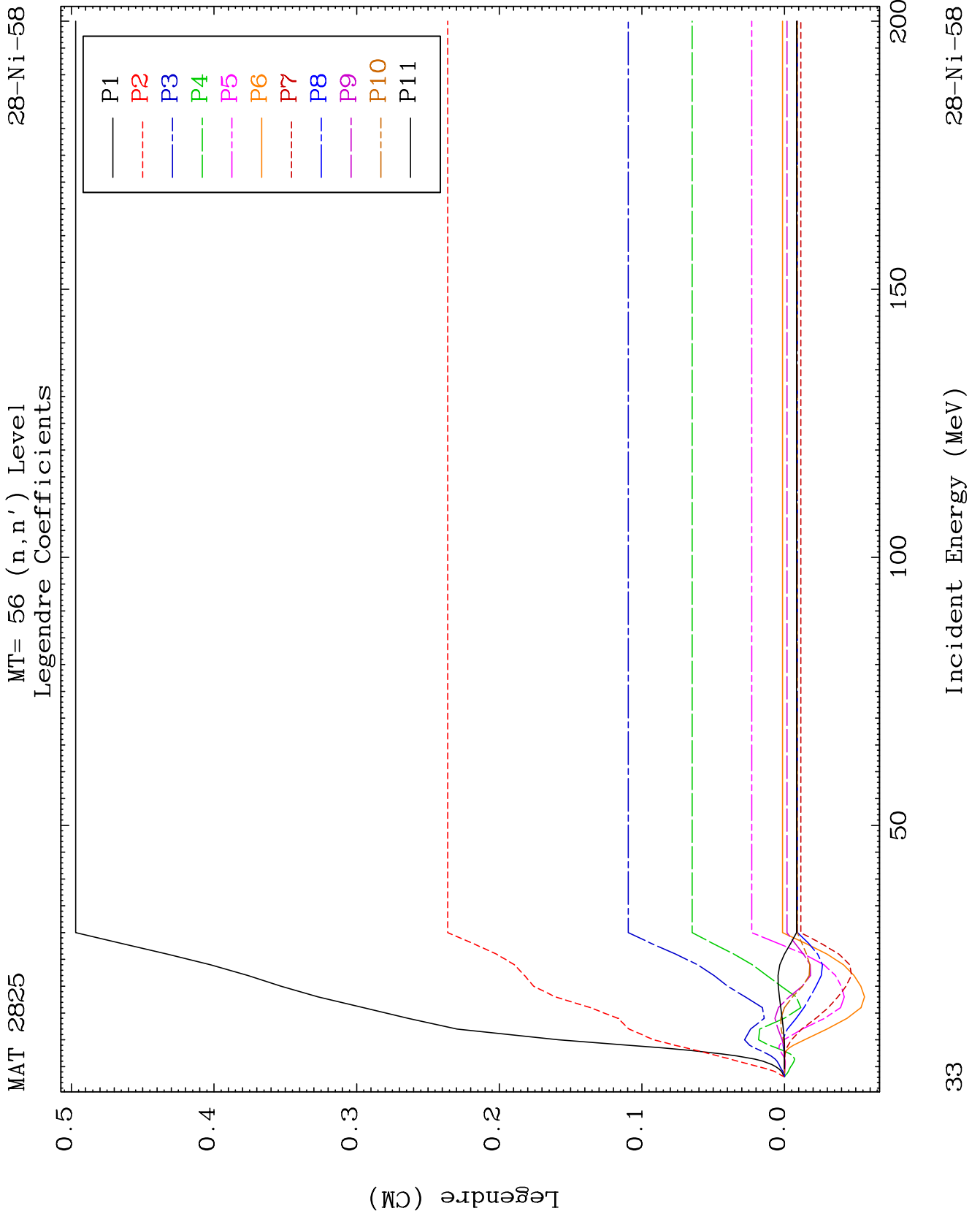
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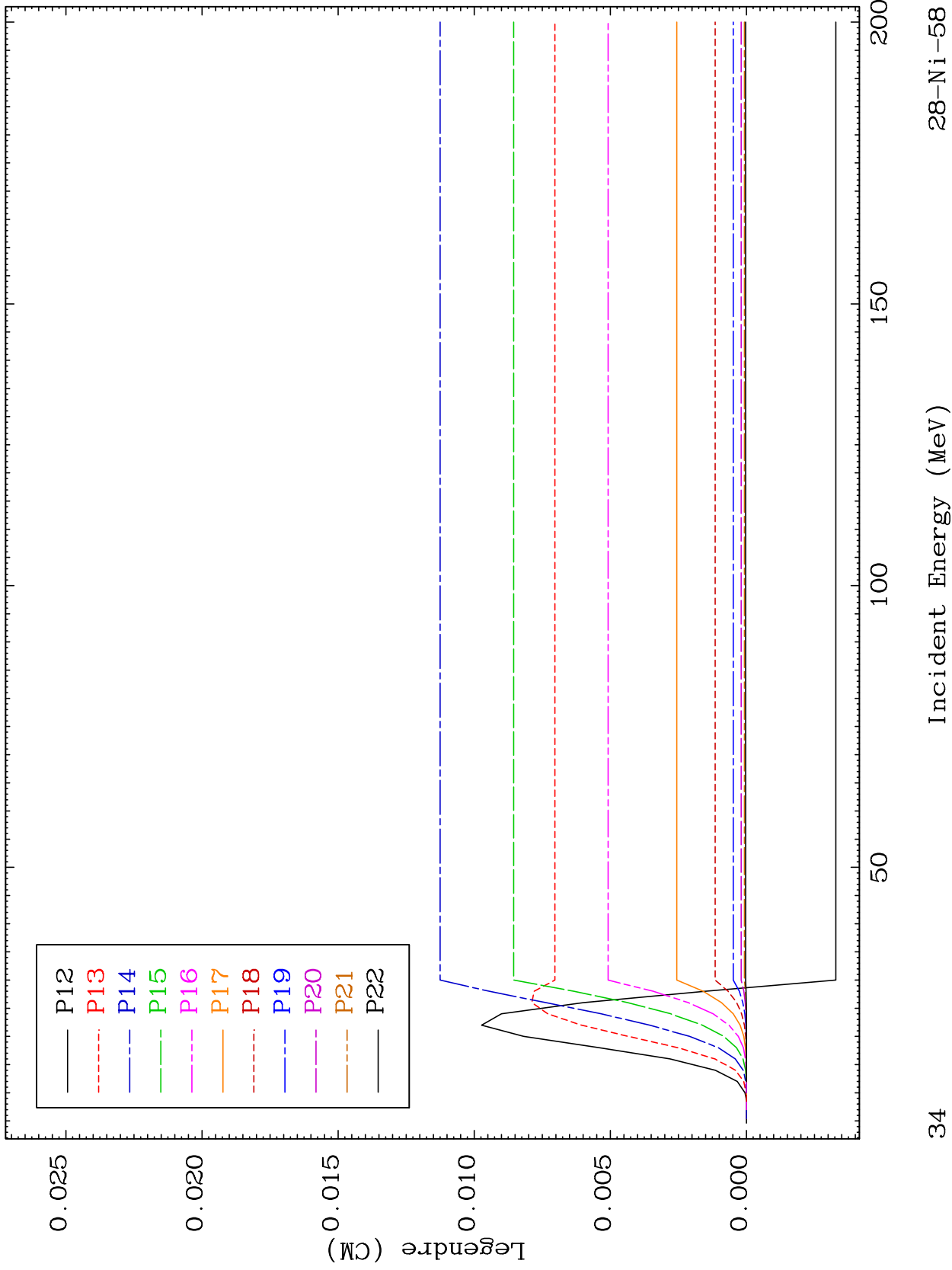
Incident Energy (MeV)

28-Ni-58

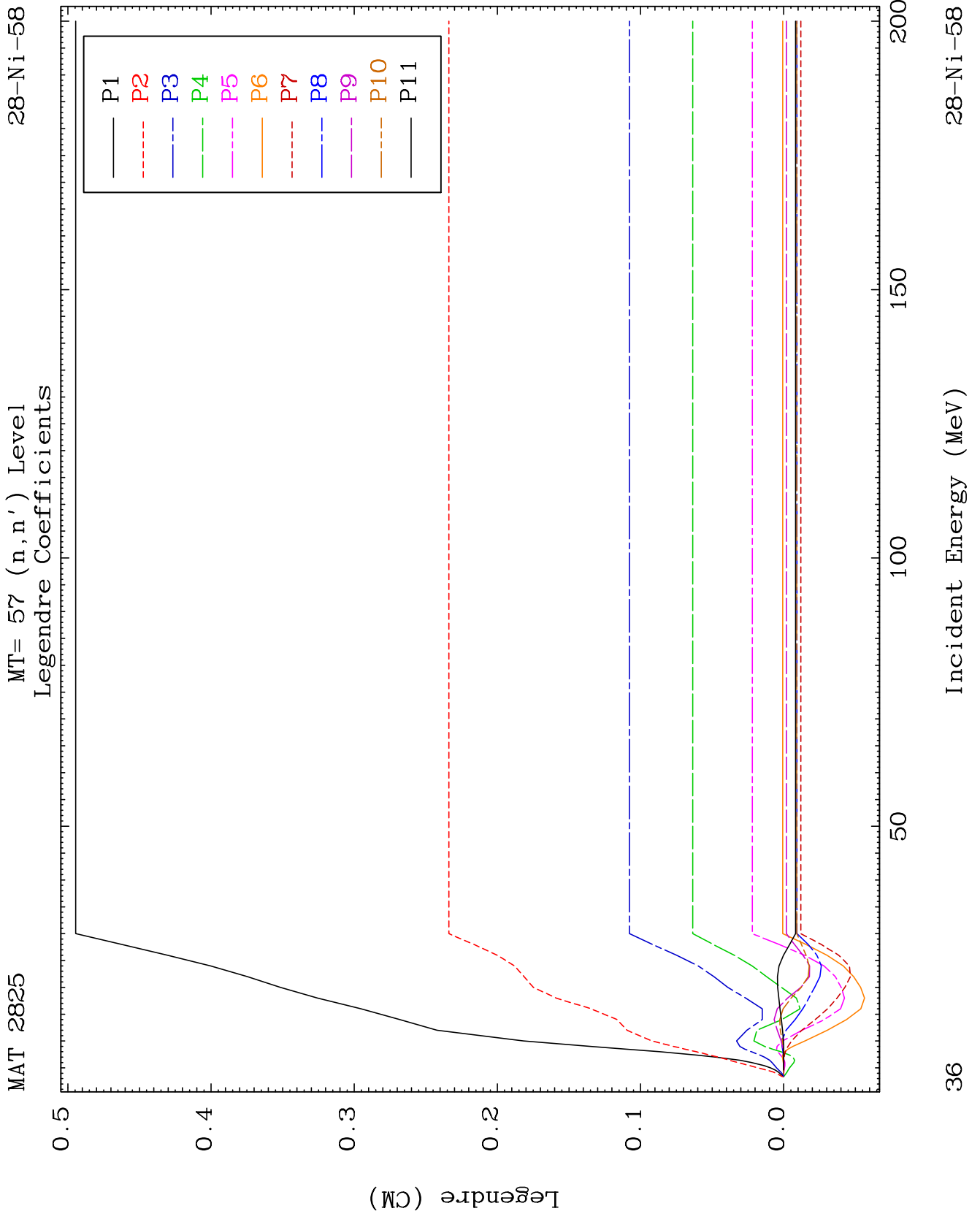


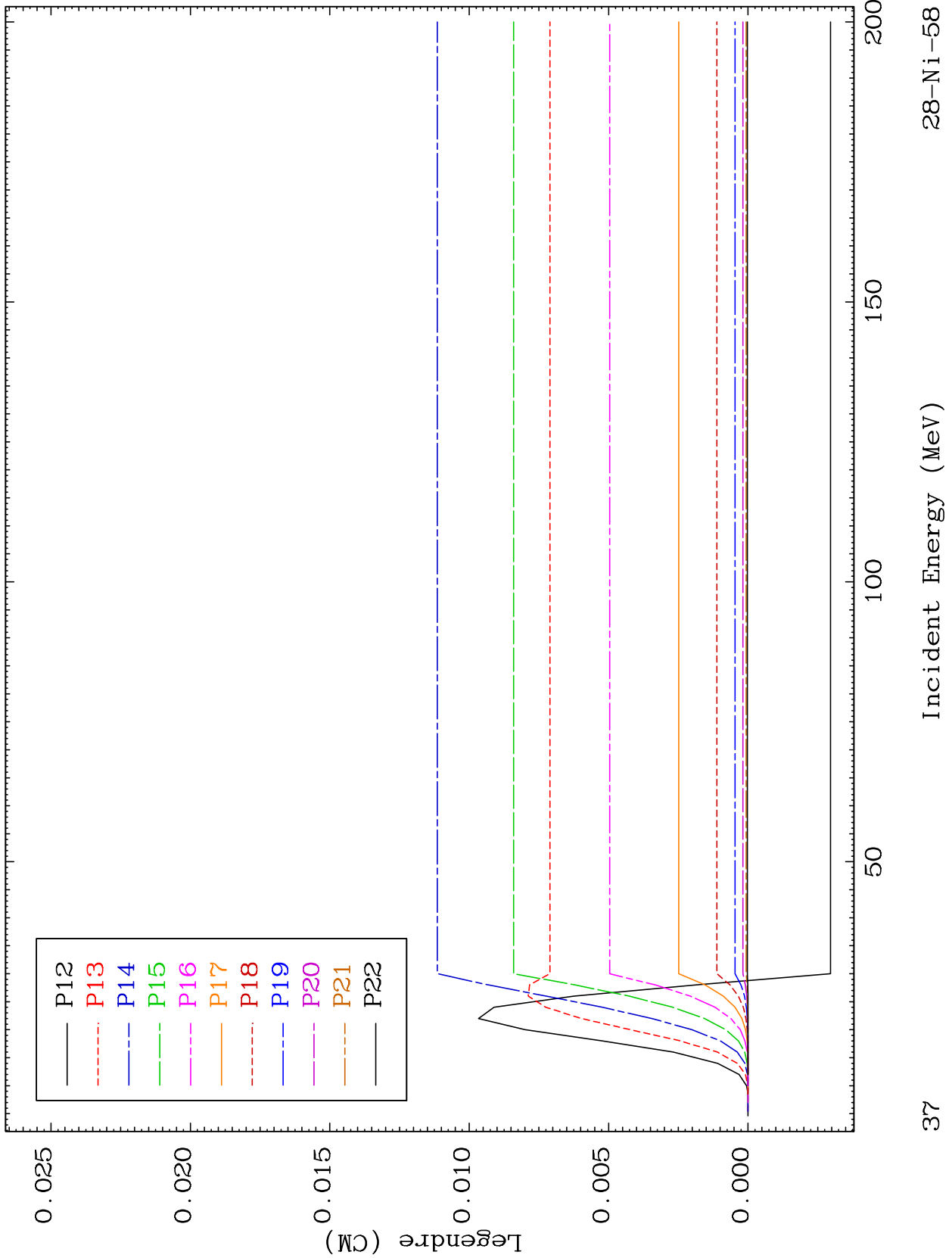








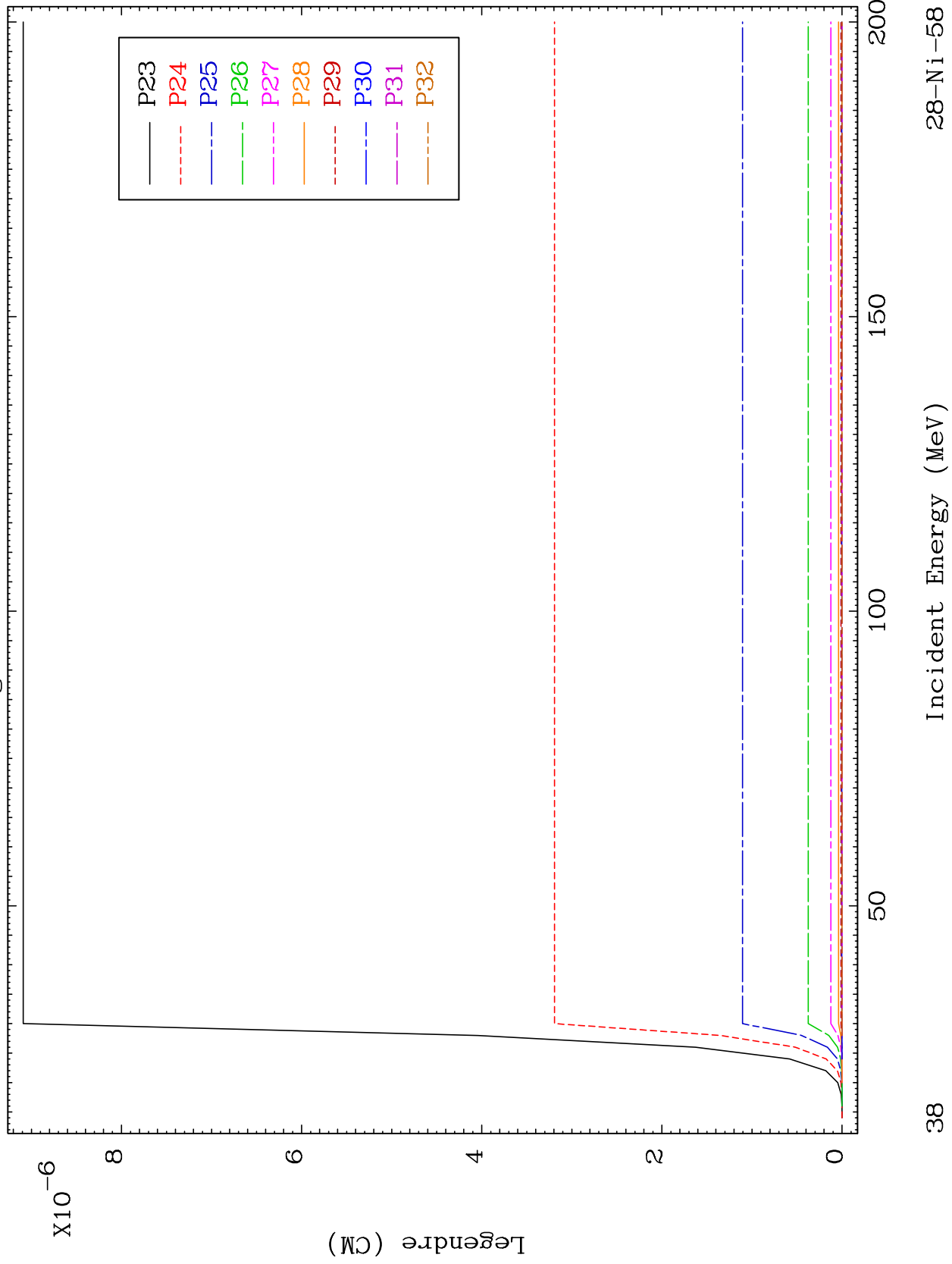




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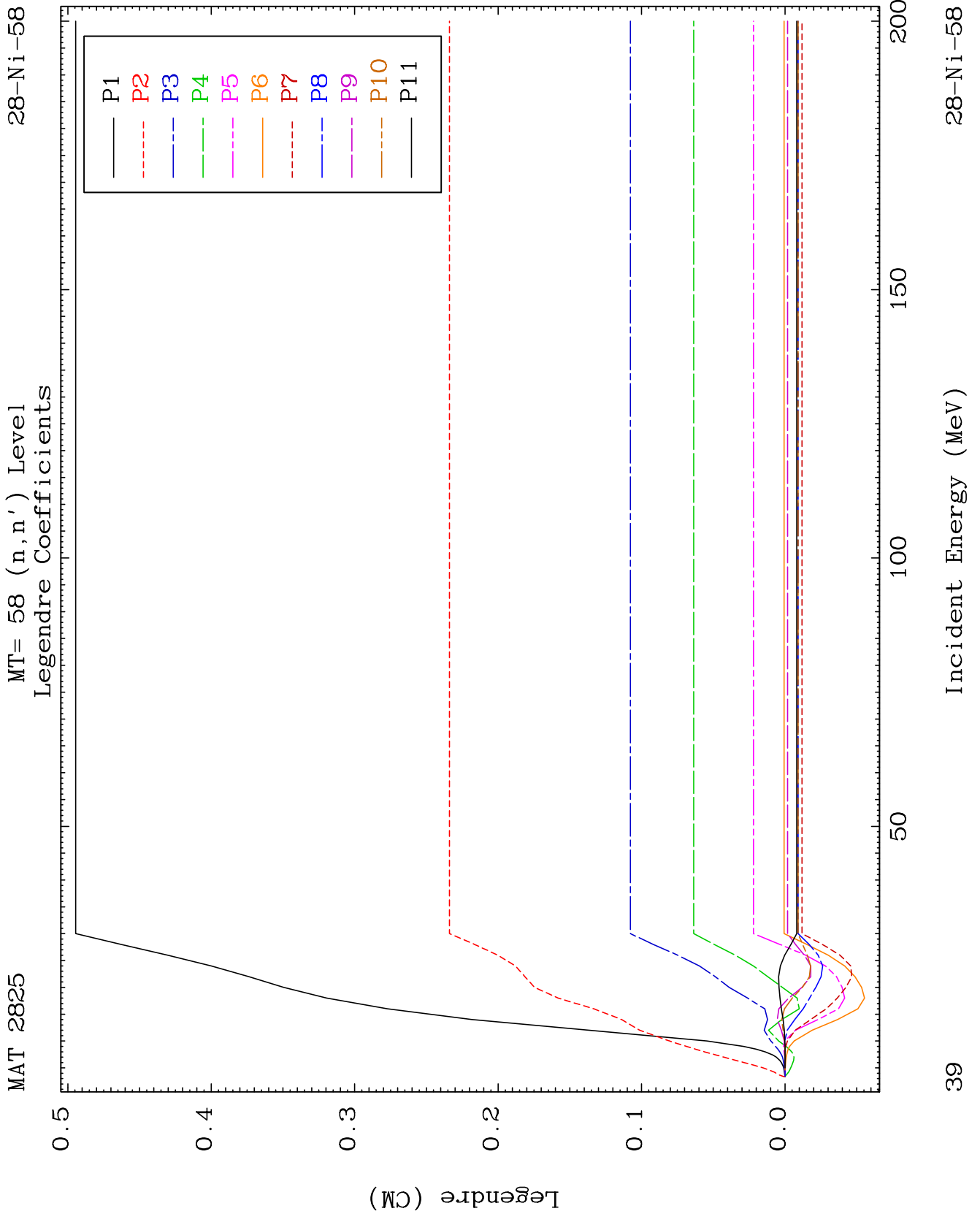
MT= 57 (n,n') Level  
Legendre Coefficients

28-Ni-58



38

200

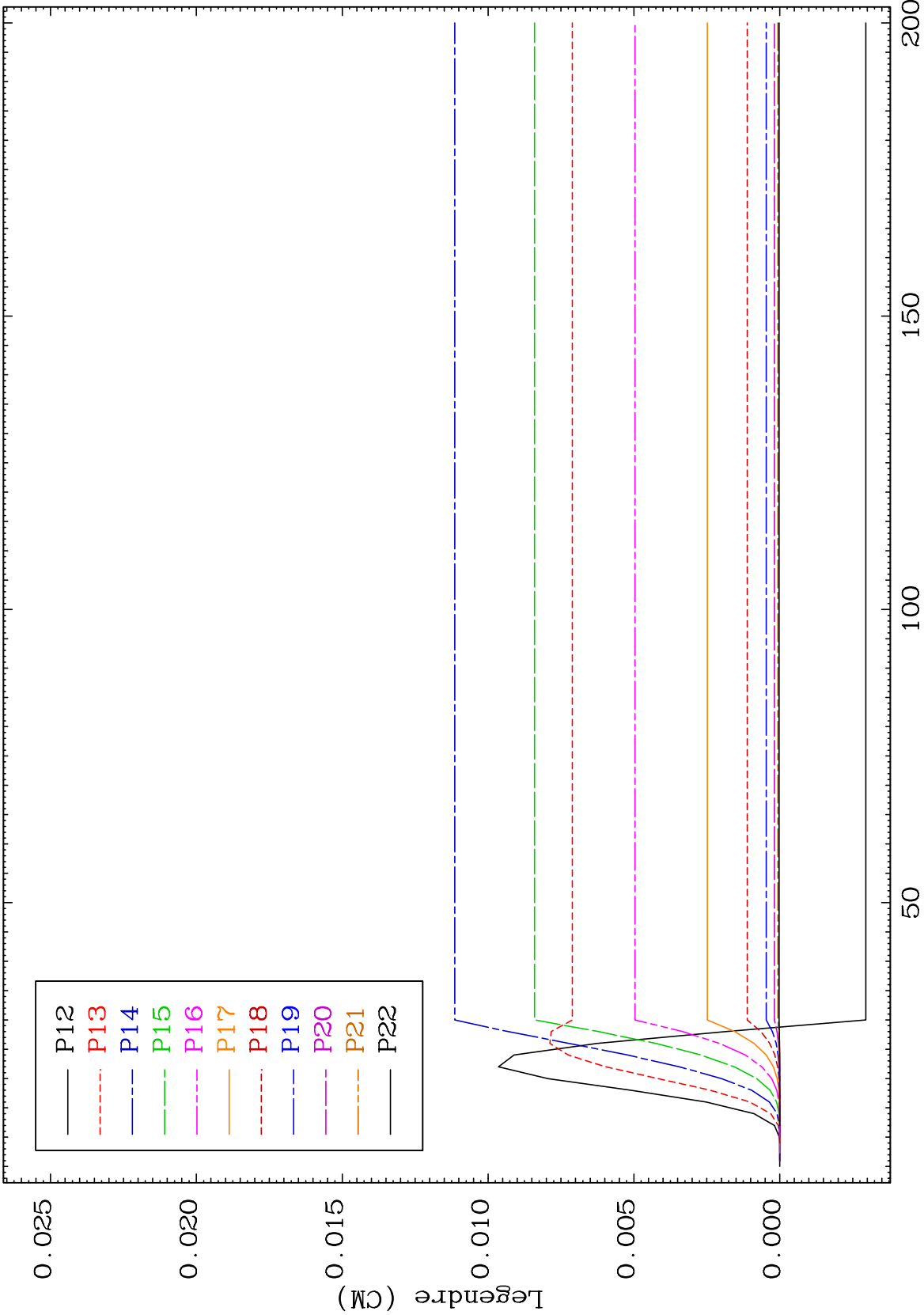




MAT 2825

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

28-Ni-58



40

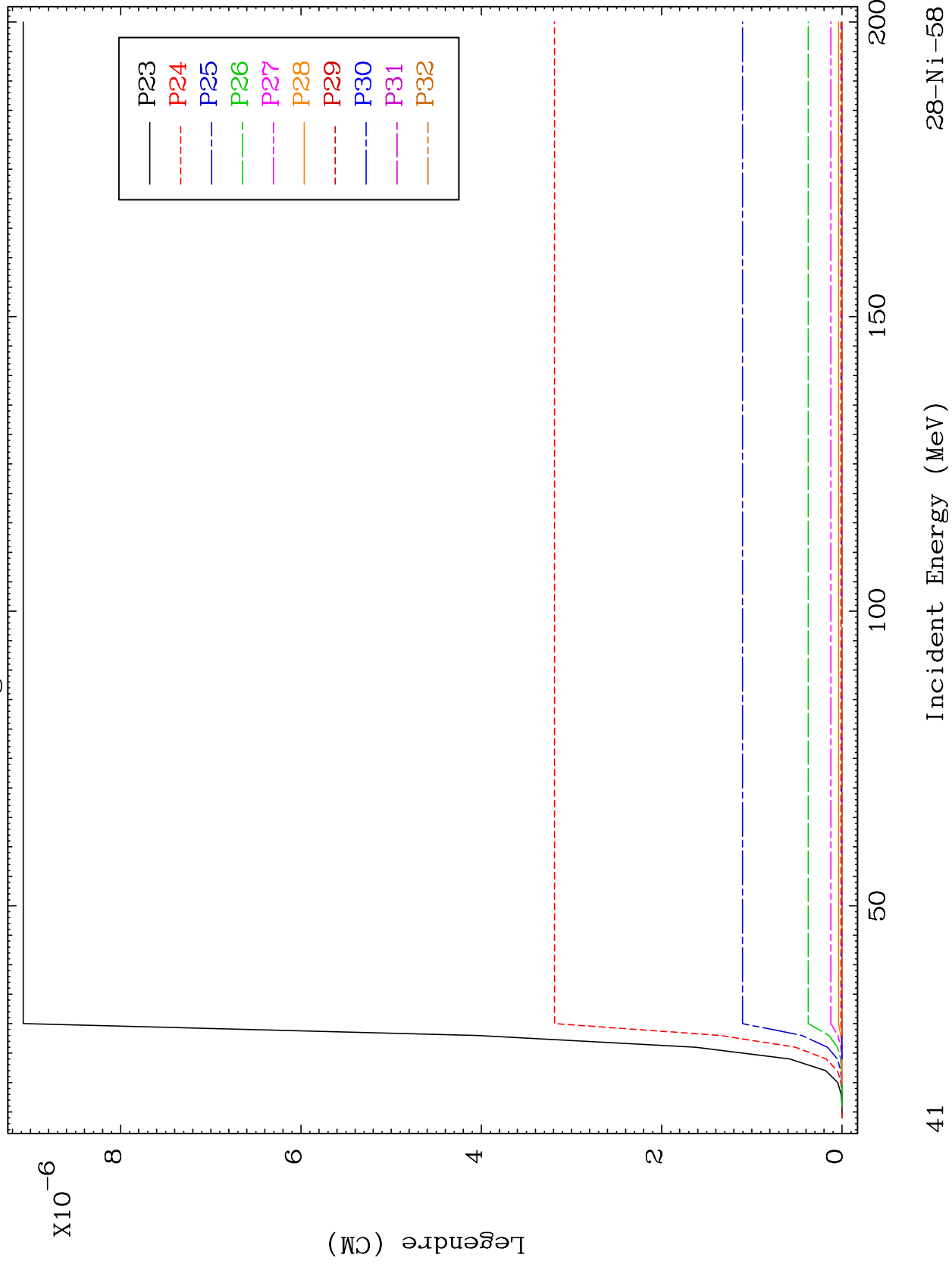
Incident Energy (MeV)

28-Ni-58

MAT 2825

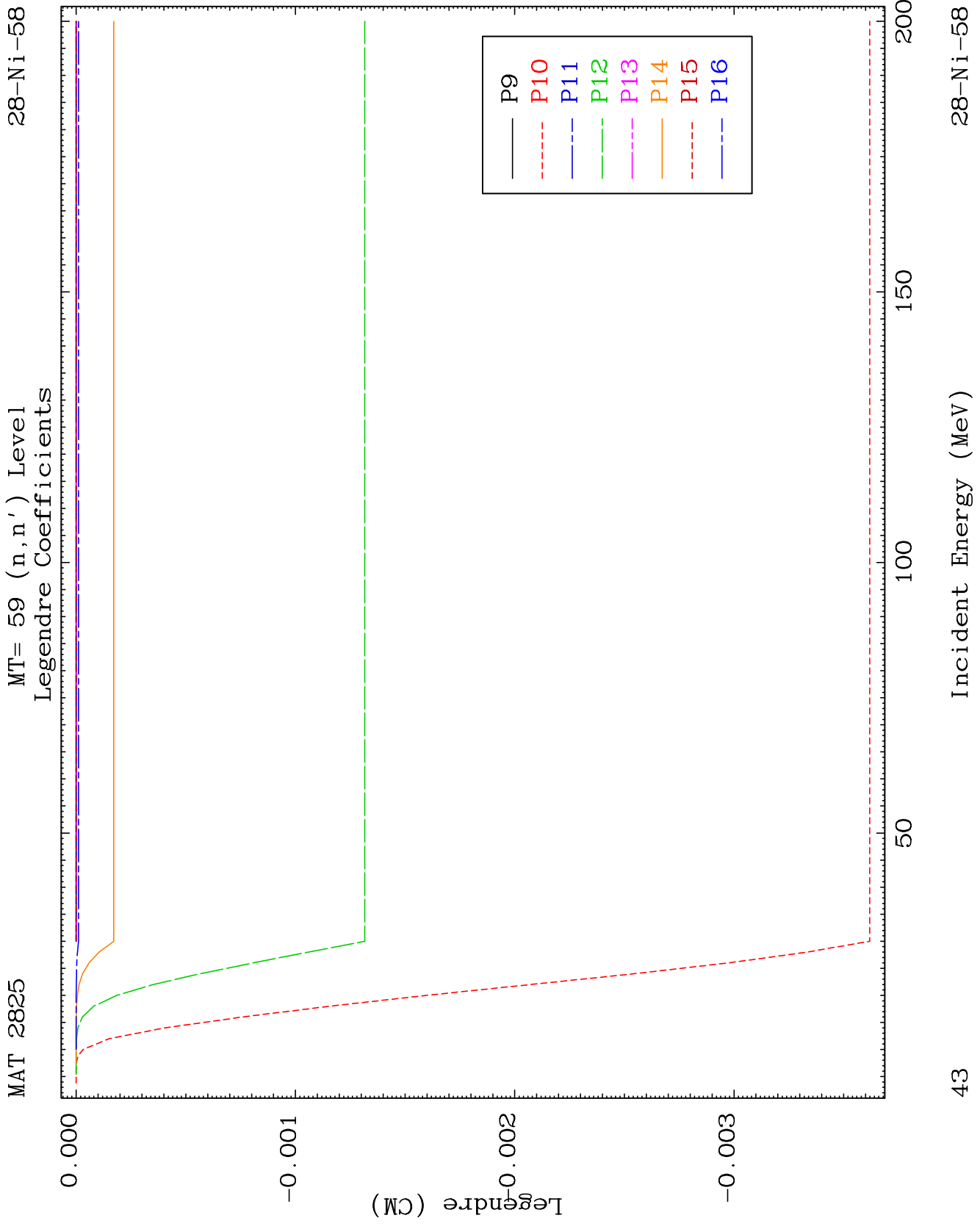
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Legendre Coefficients

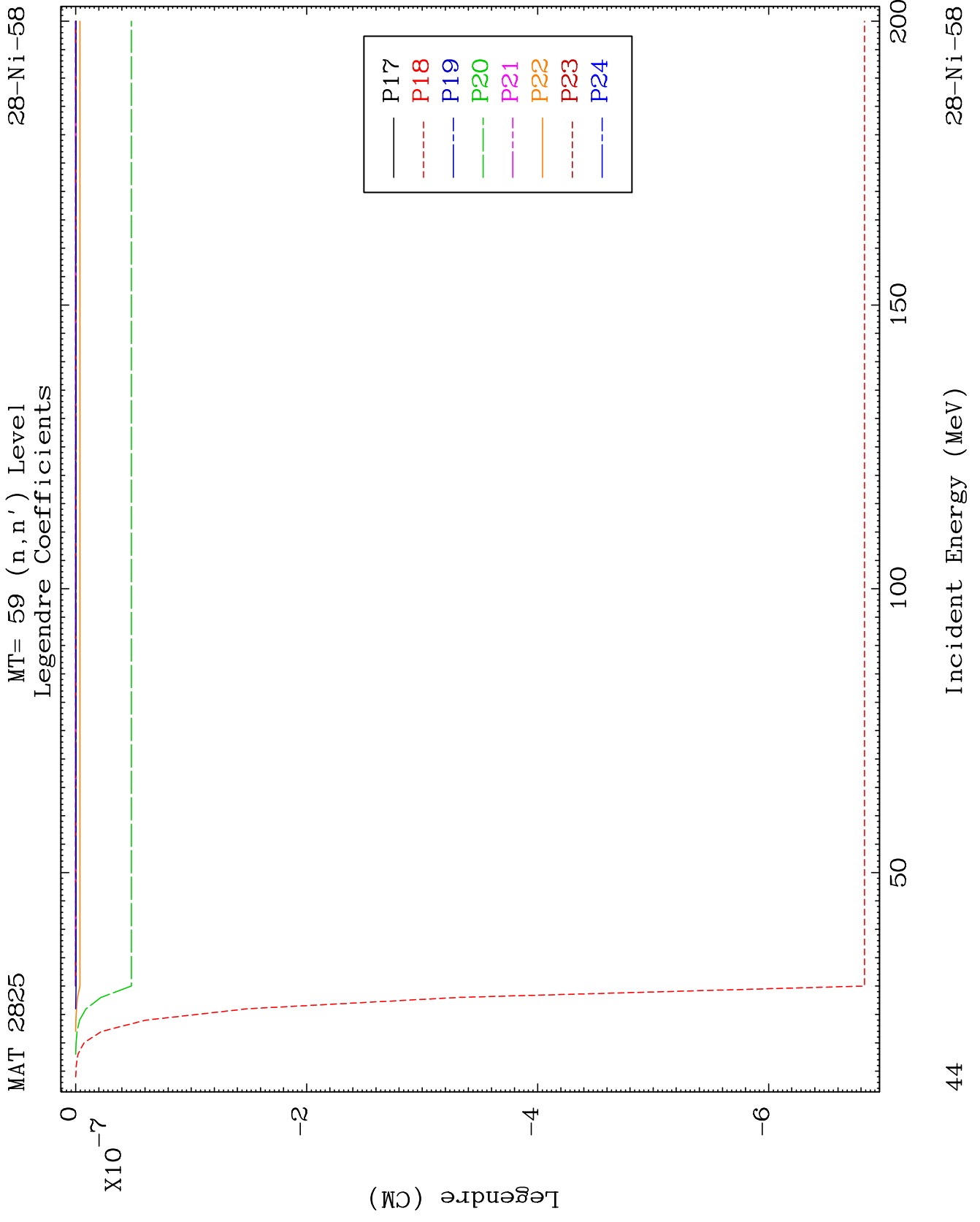
28-Ni-58



41





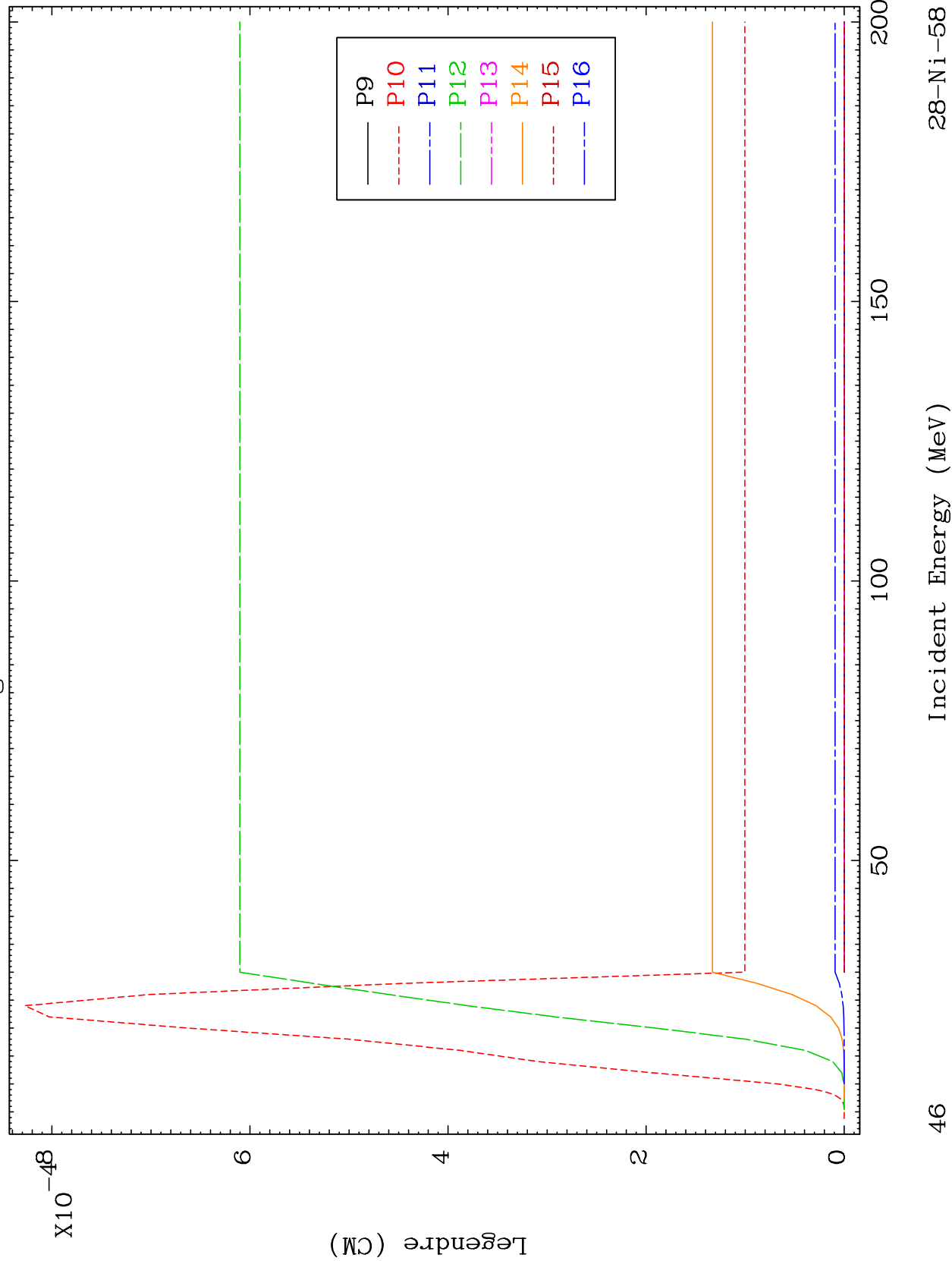


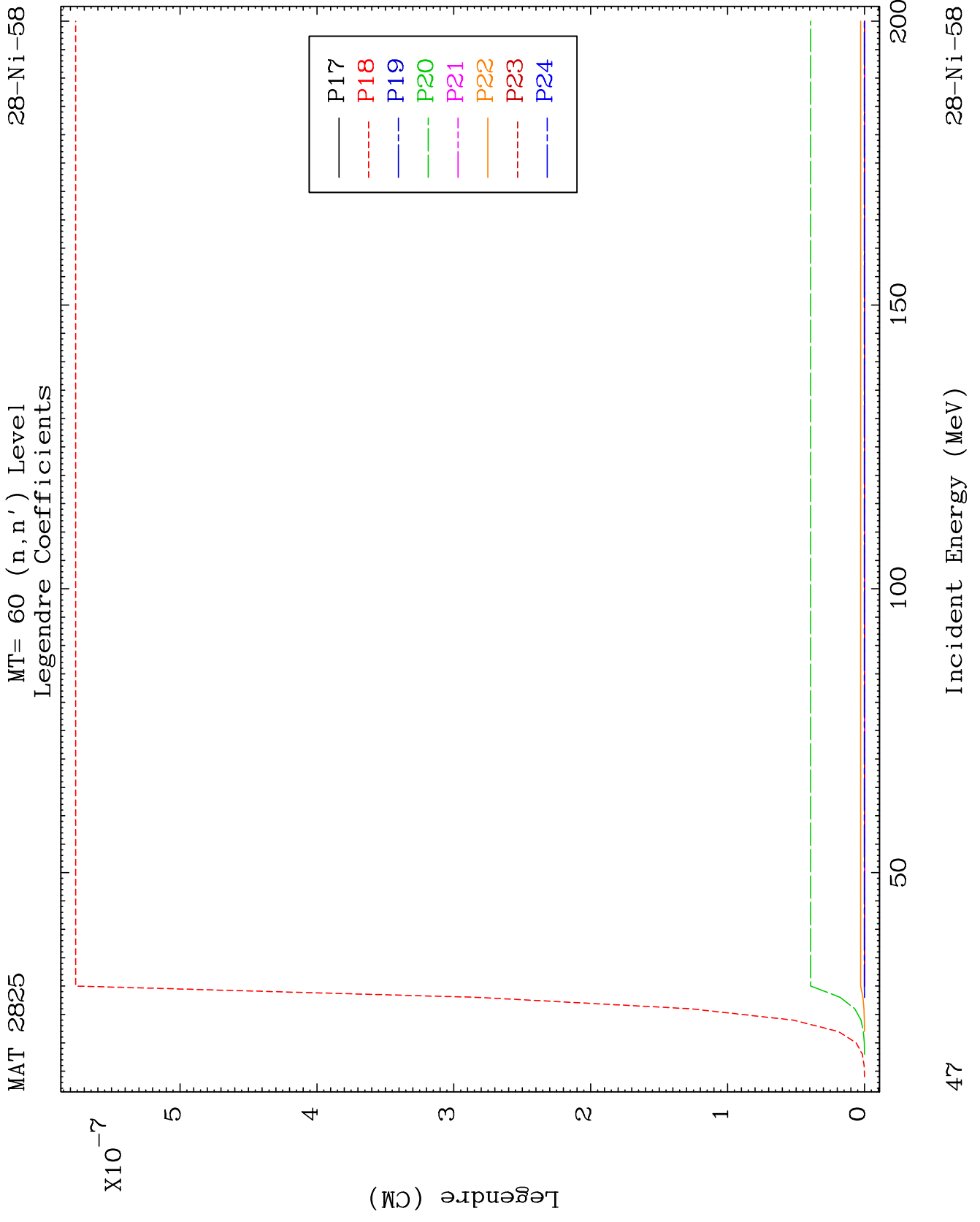


MAT 2825

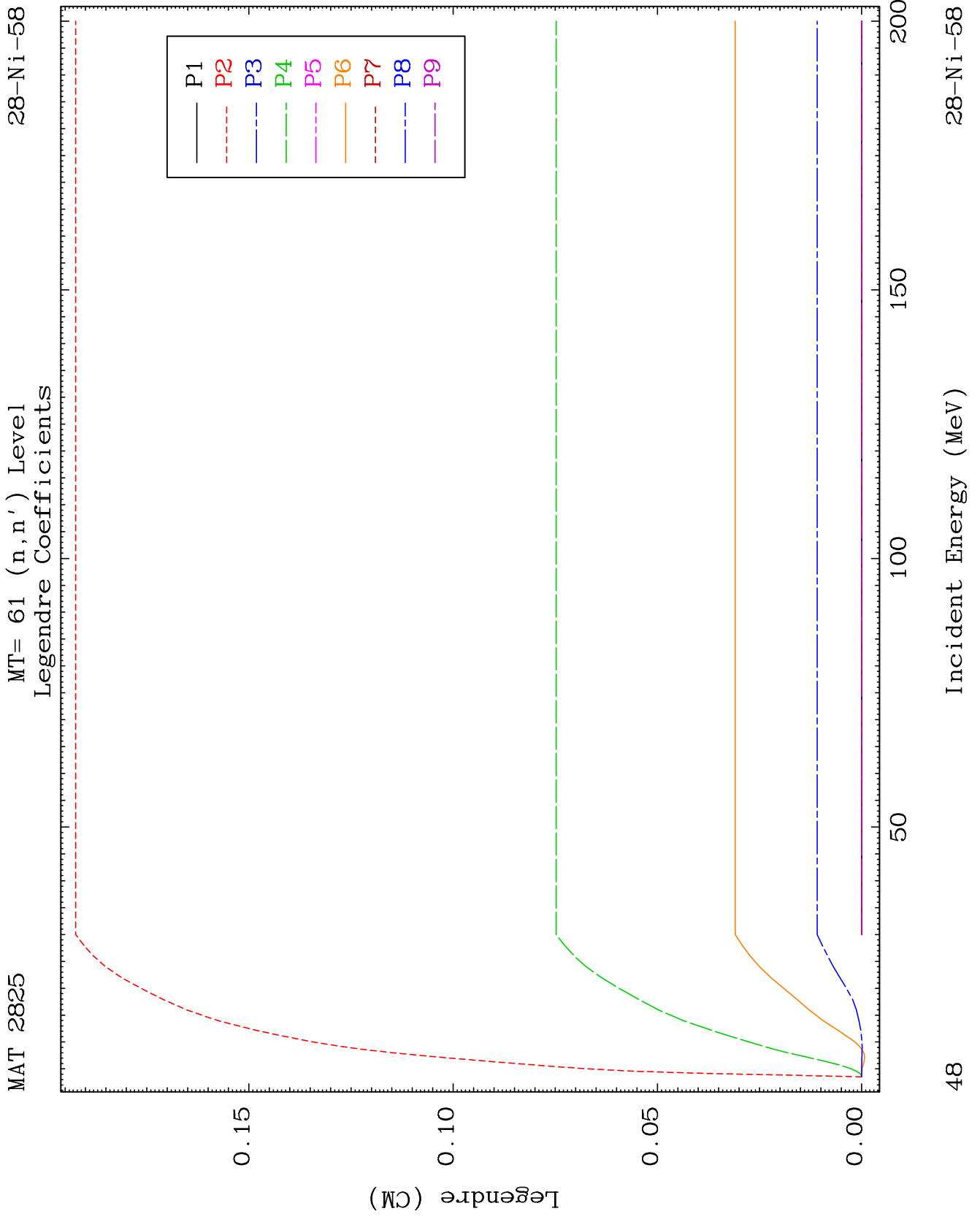
MT= 60 (n,n') Level  
Legendre Coefficients

28-Ni-58





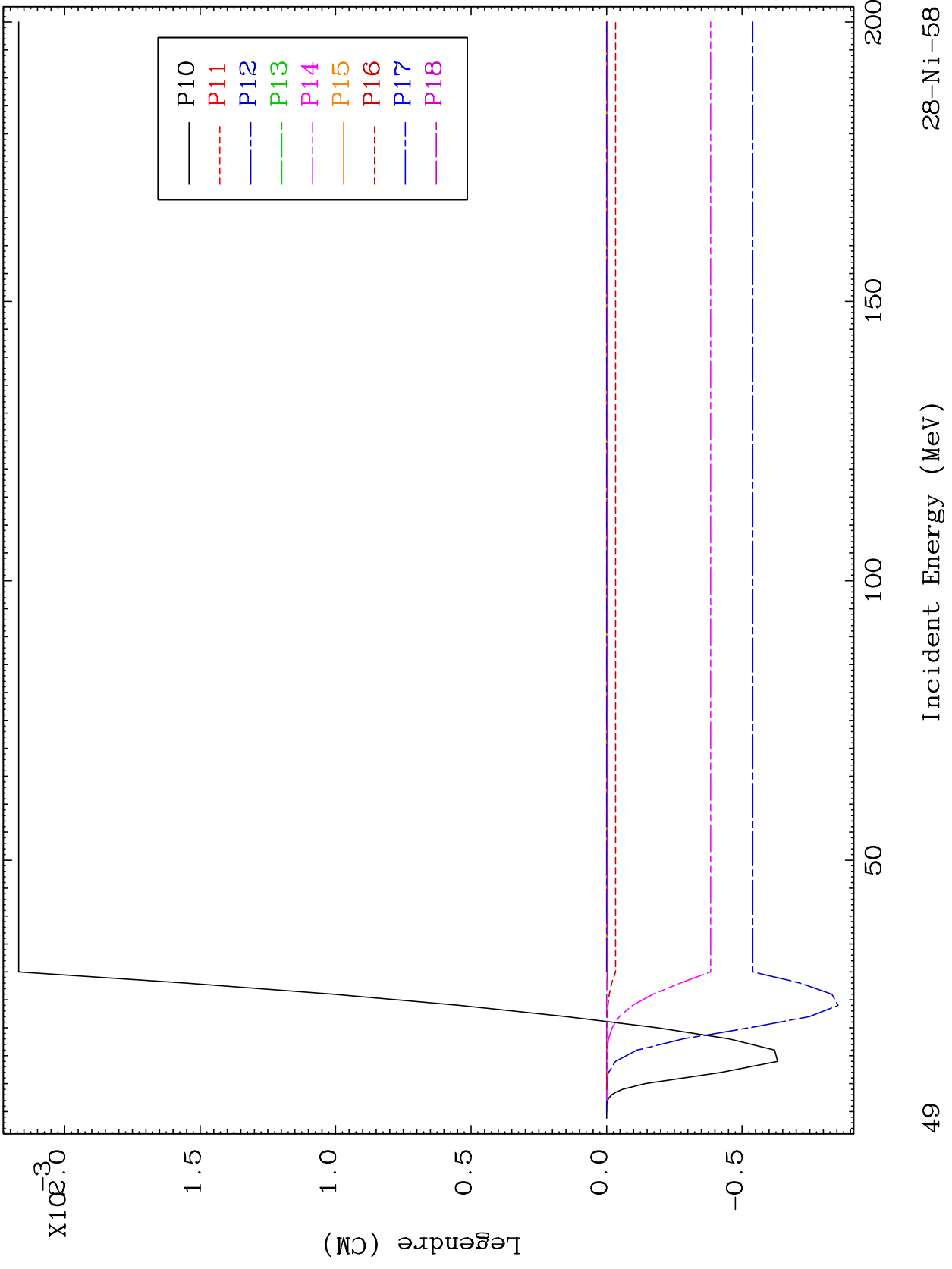


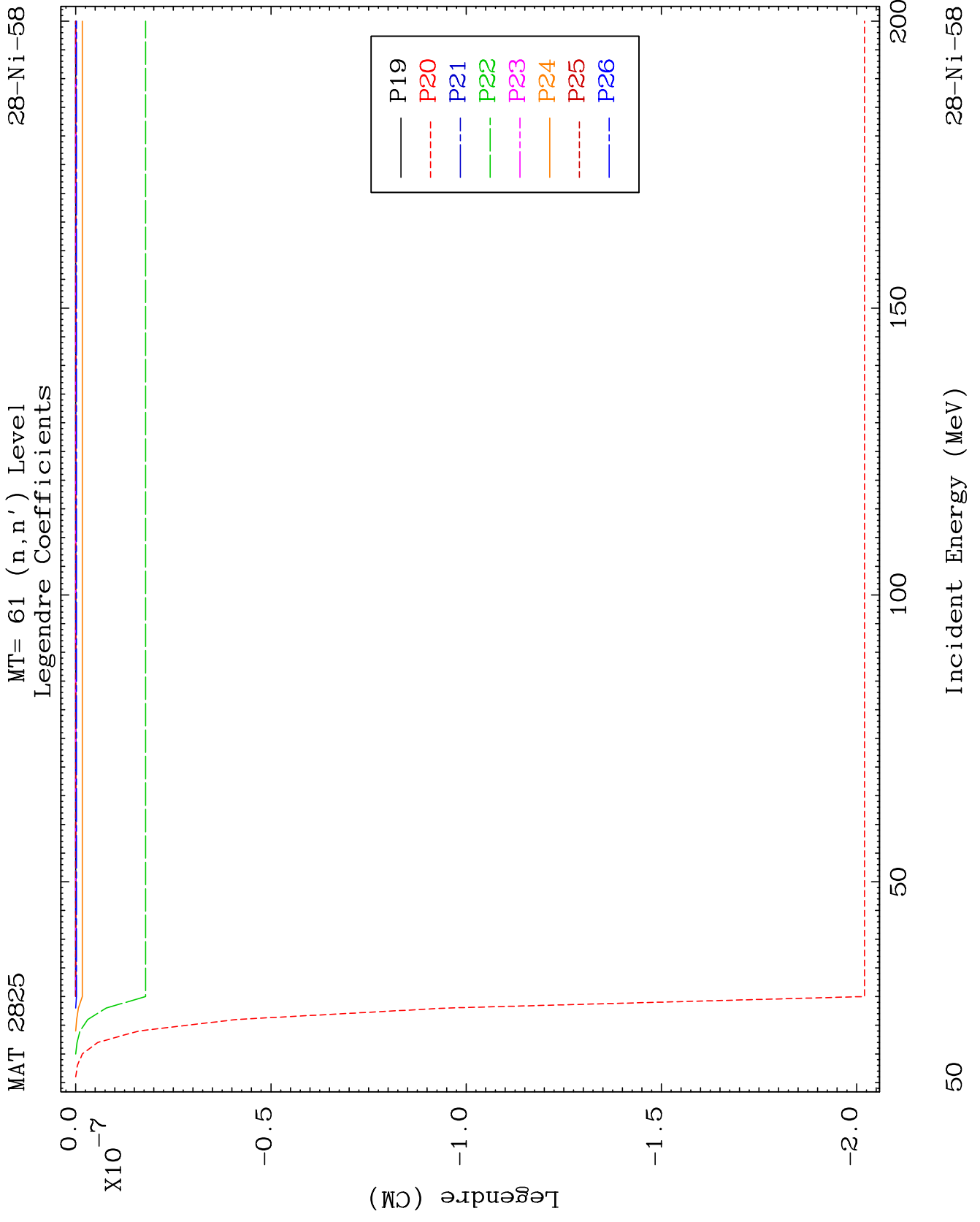


MAT 2825

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

28-Ni-58

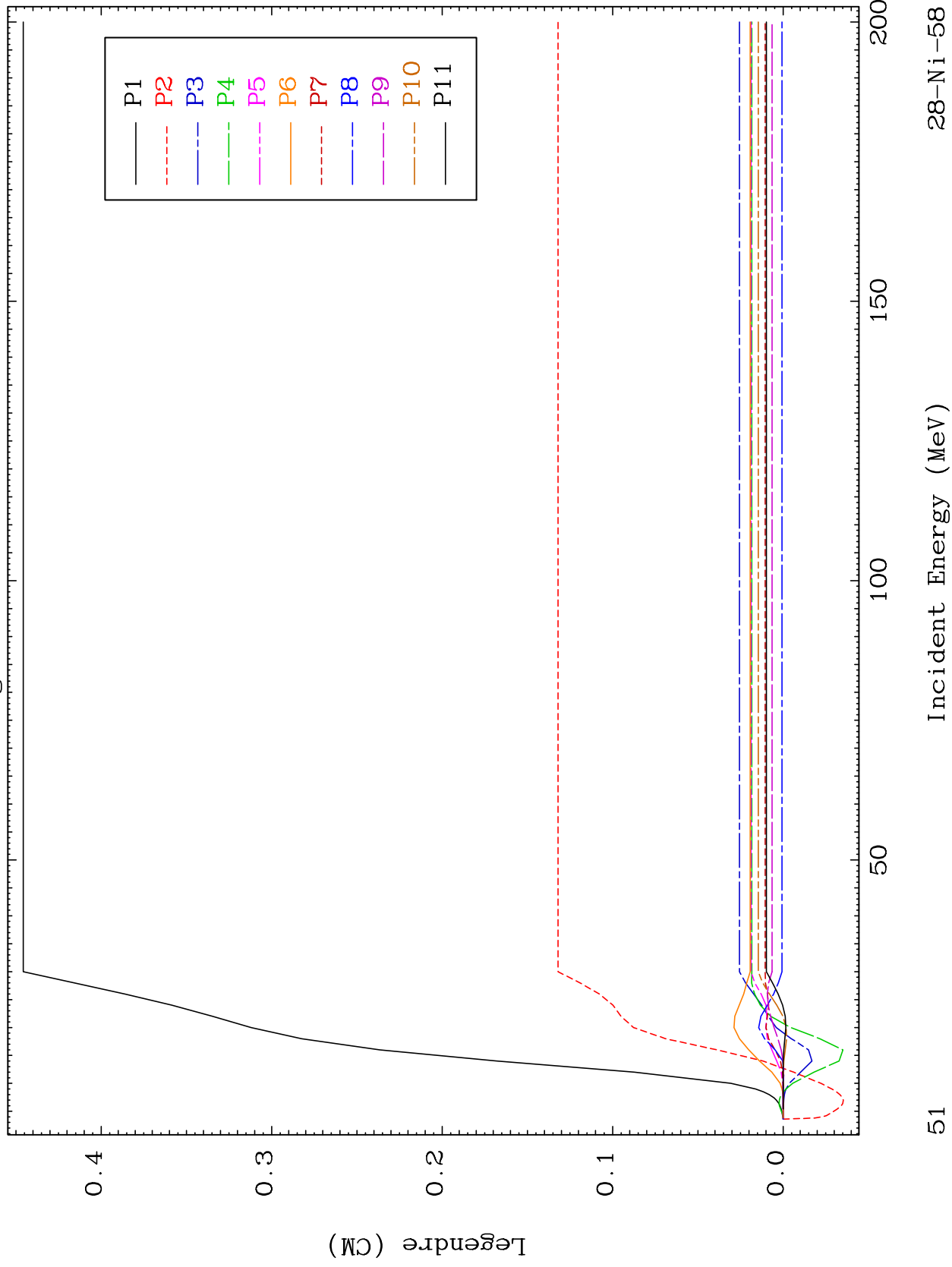




MAT 2825

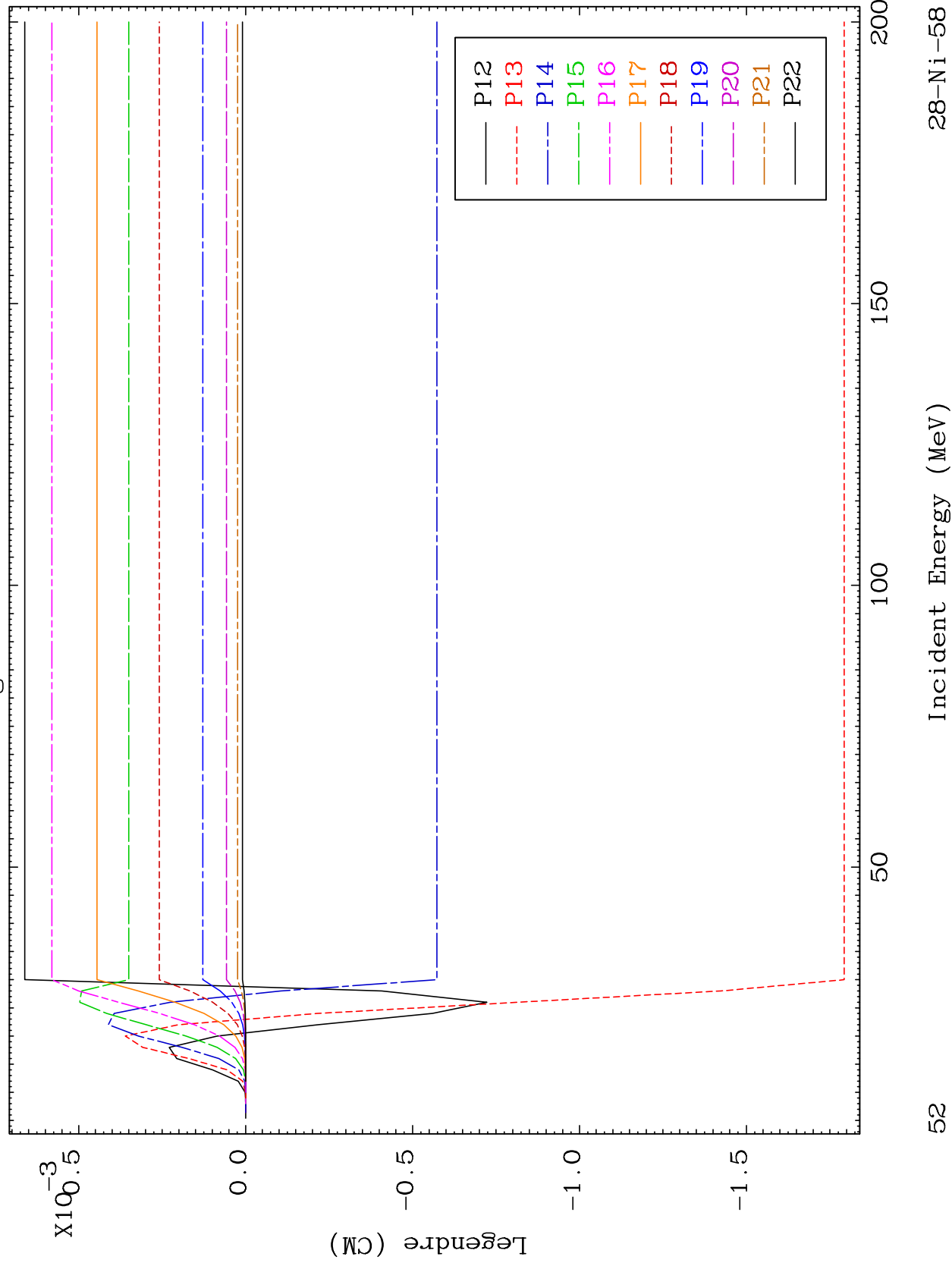
MT= 62 (n,n') Level  
Legendre Coefficients

28-Ni-58



51

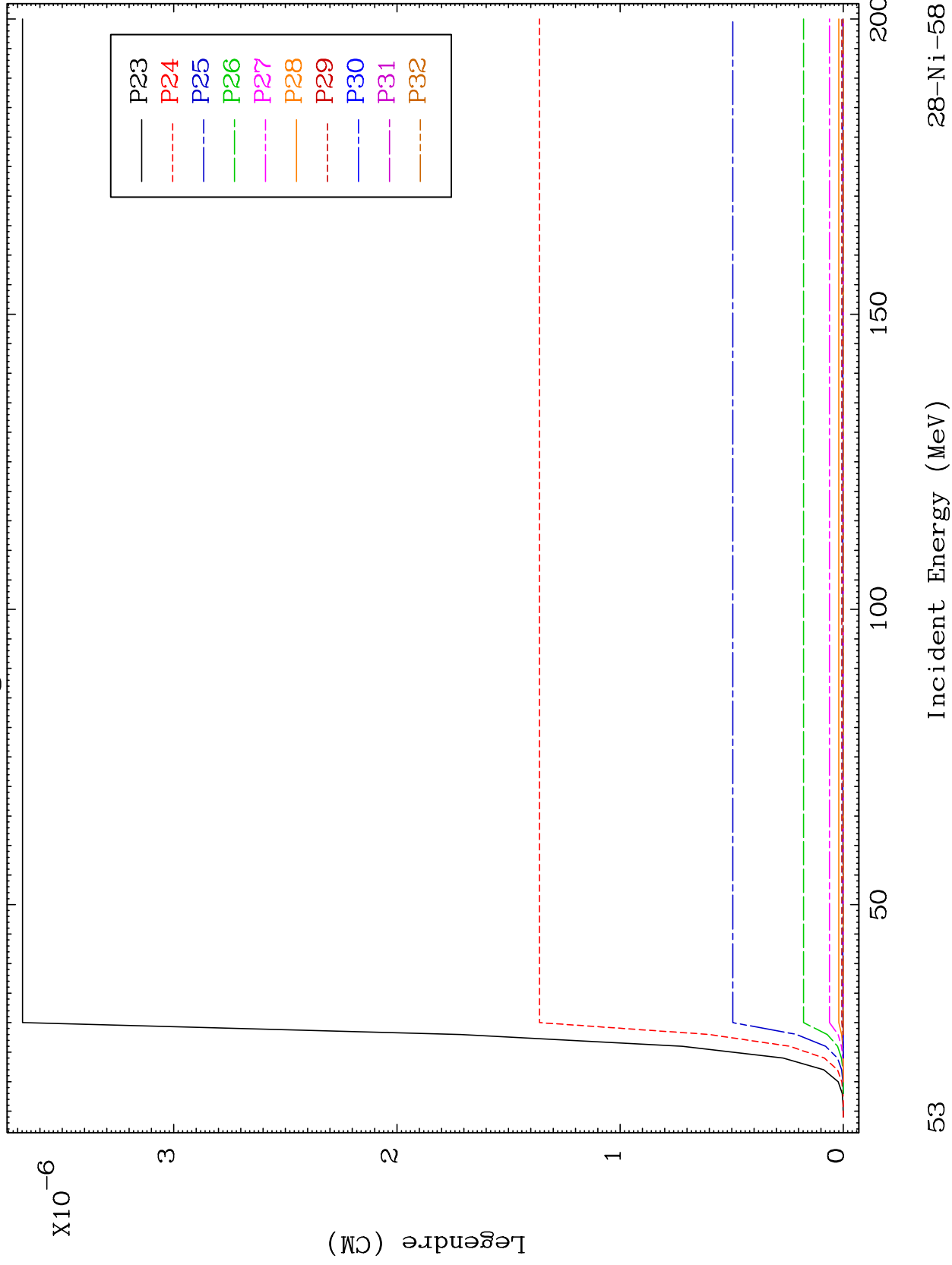
28-Ni-58



MAT 2825

MT= 62 (n,n') Level  
Legendre Coefficients

28-Ni-58



53

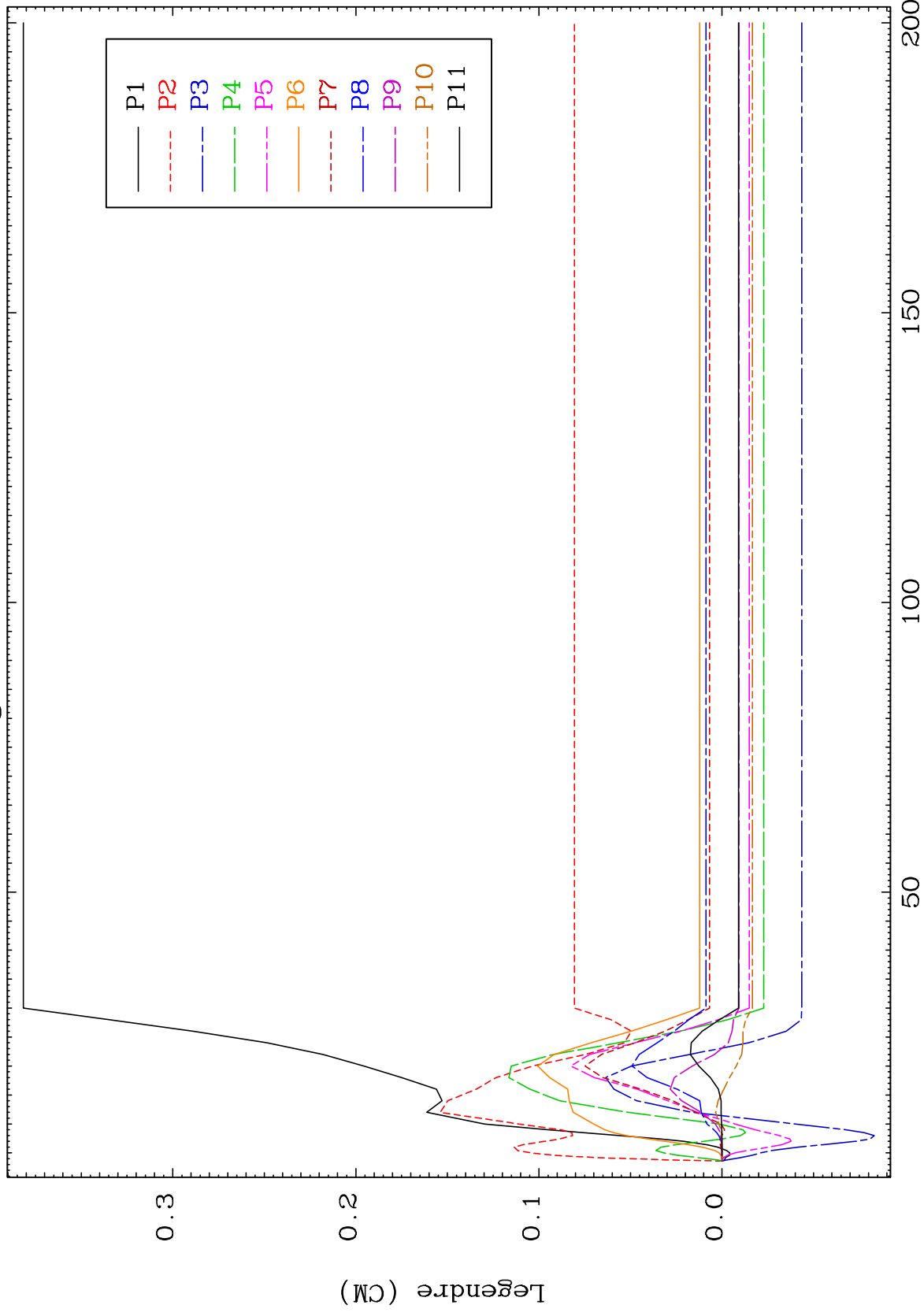
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 63 (n,n') Level  
Legendre Coefficients

28-Ni-58



54

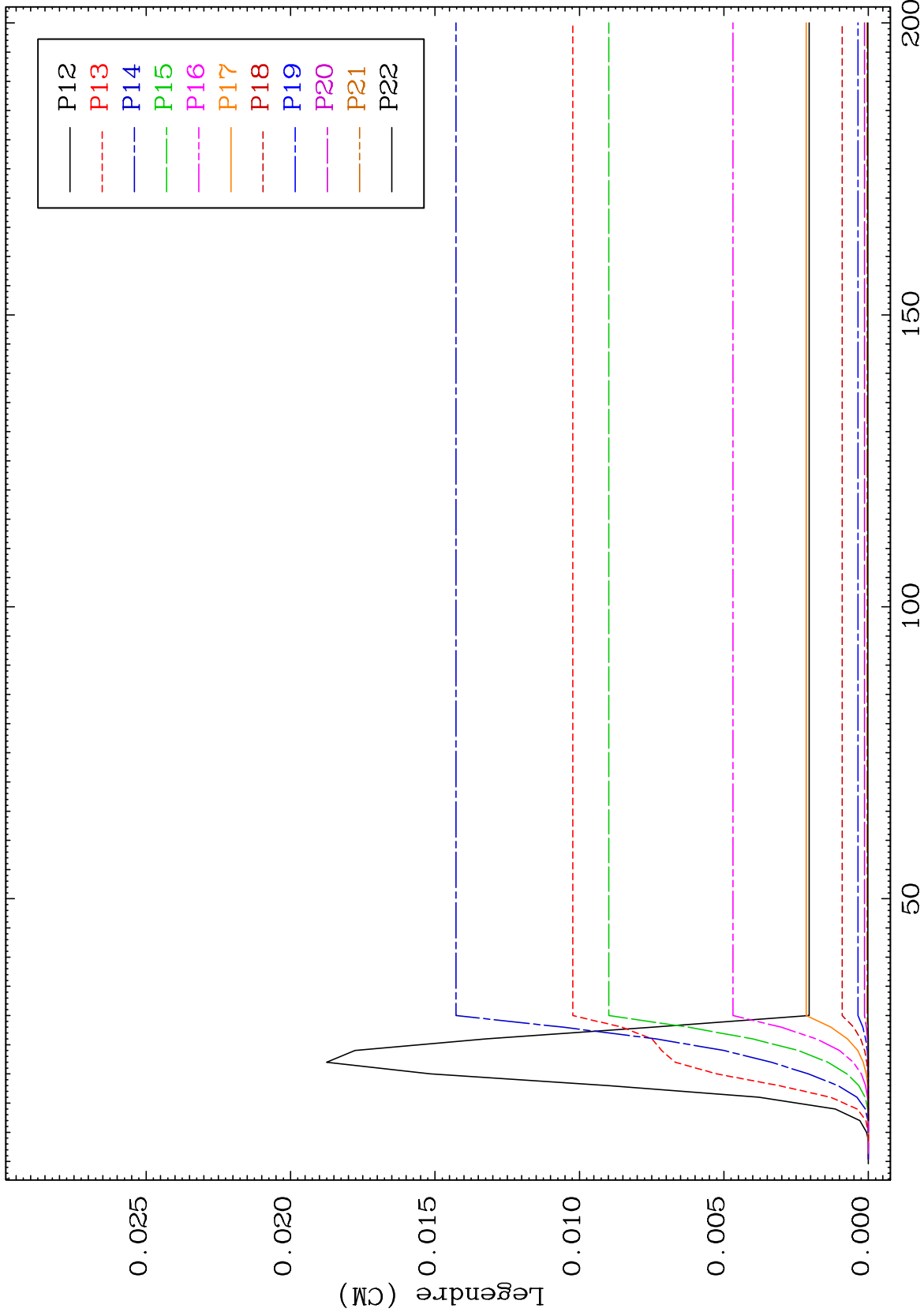
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 63 (n,n') Level  
Legendre Coefficients

28-Ni-58



55

Incident Energy (MeV)

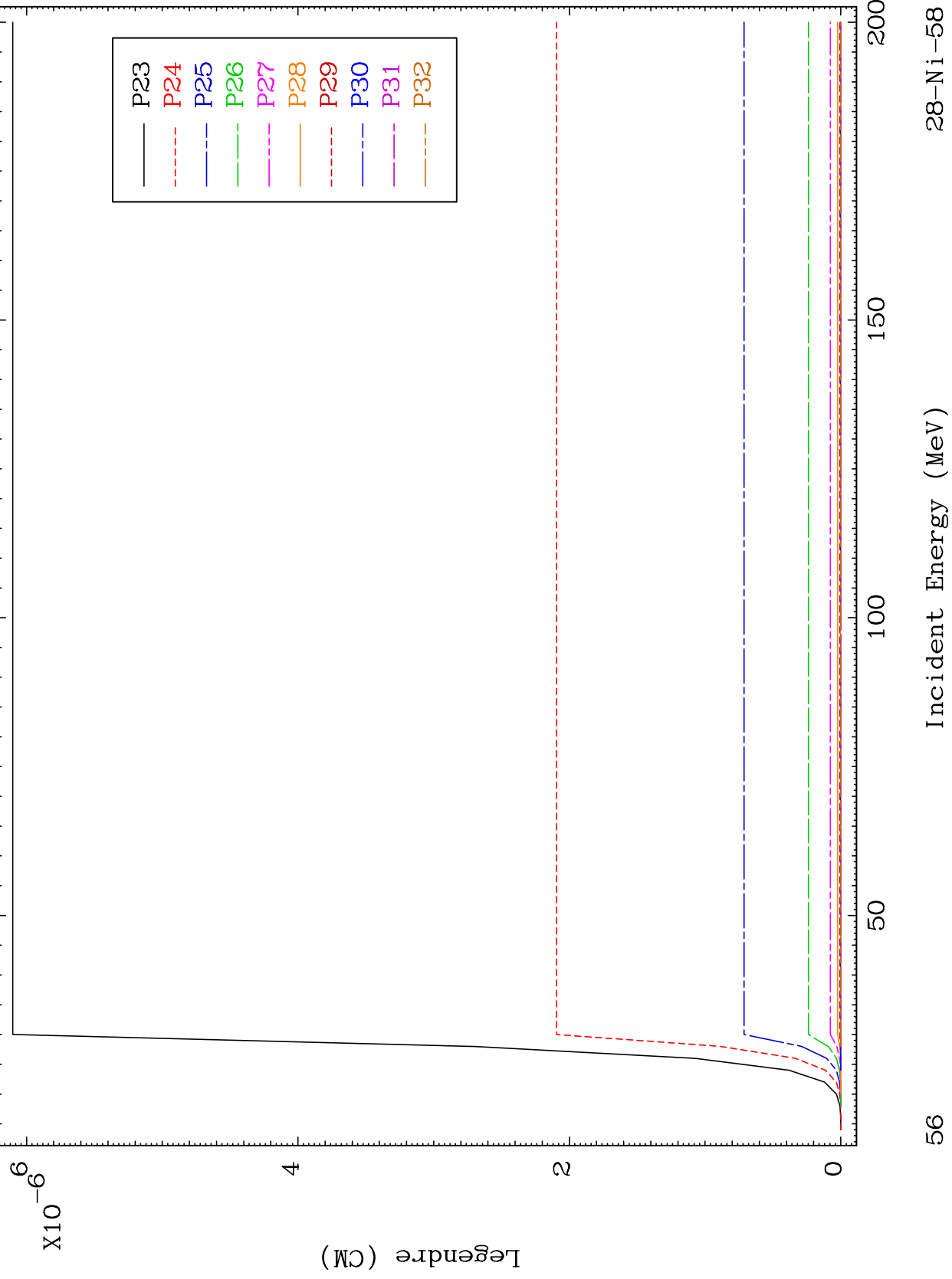
28-Ni-58



MAT 2825

MT= 63 (n,n') Level  
Legendre Coefficients

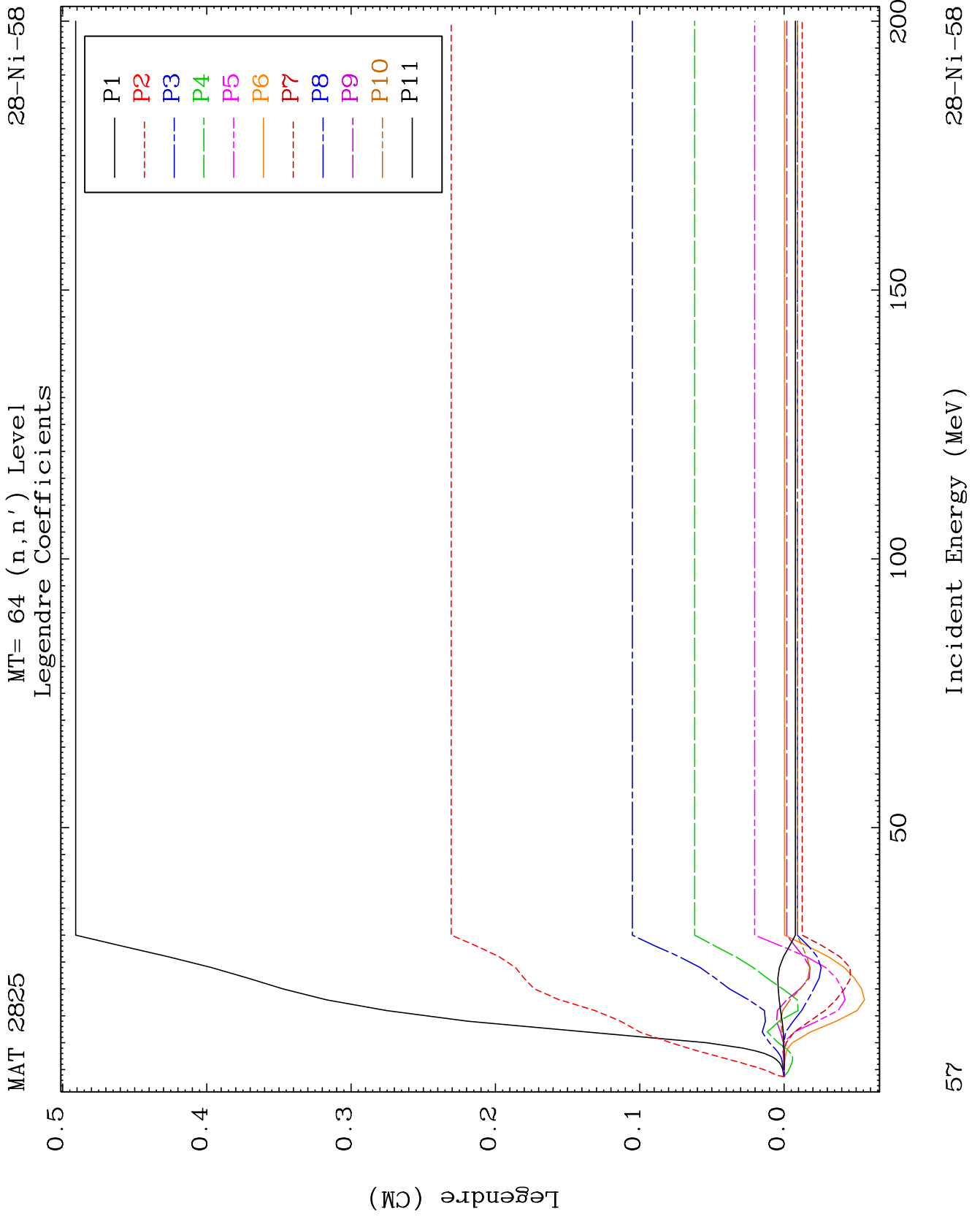
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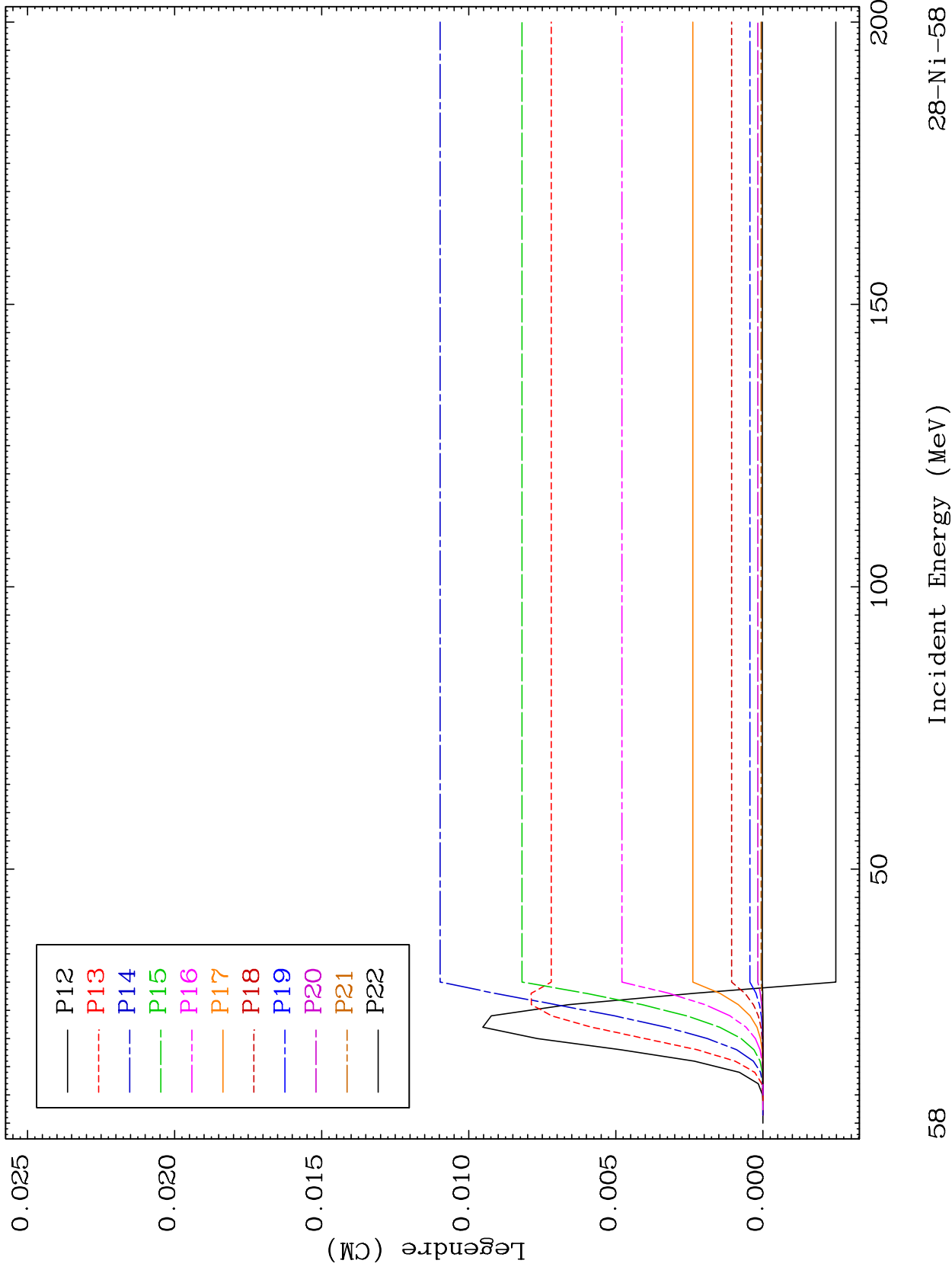


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Incident Energy (MeV)

28-Ni-58

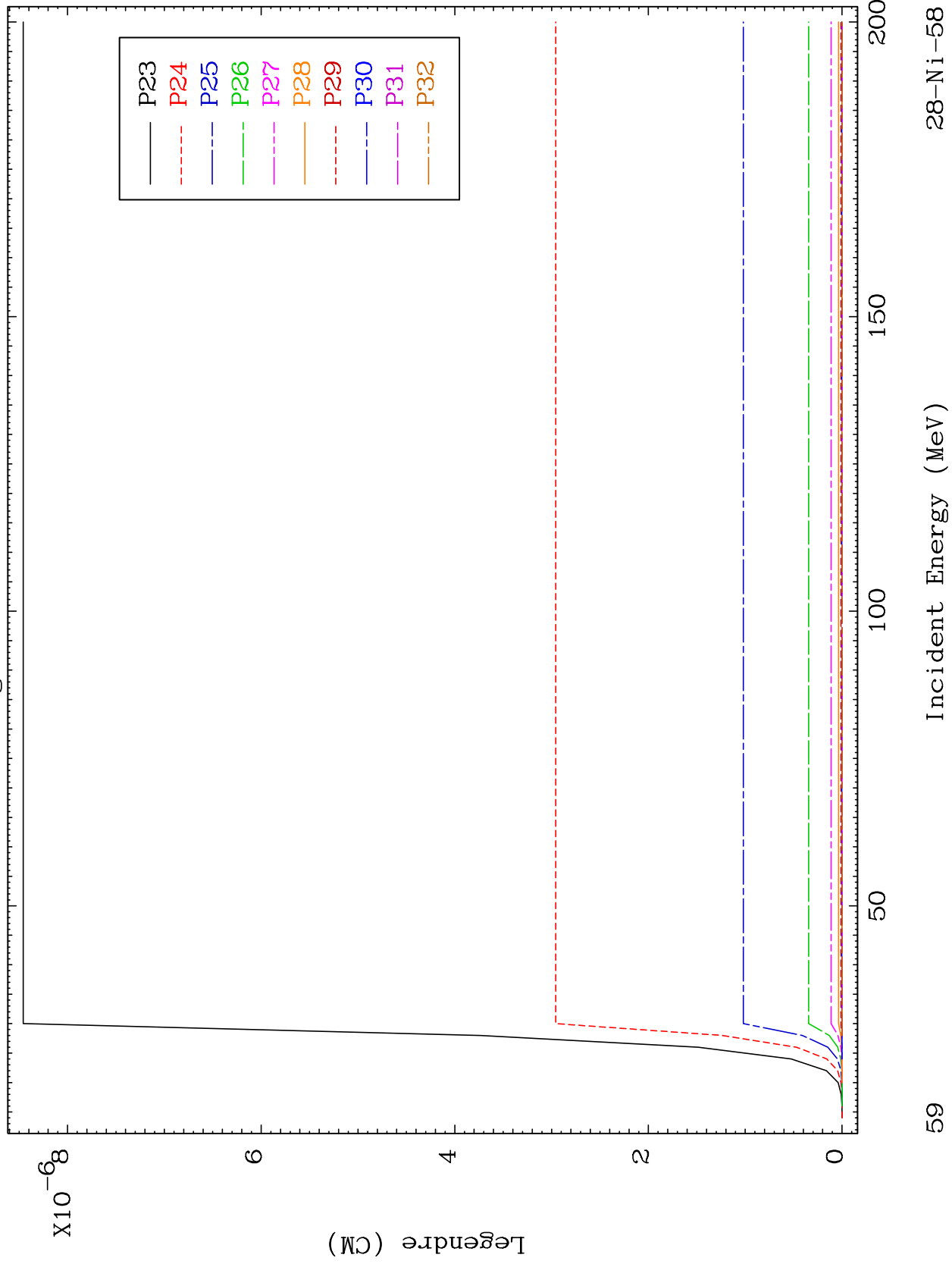




MAT 2825

MT= 64 (n,n') Level  
Legendre Coefficients

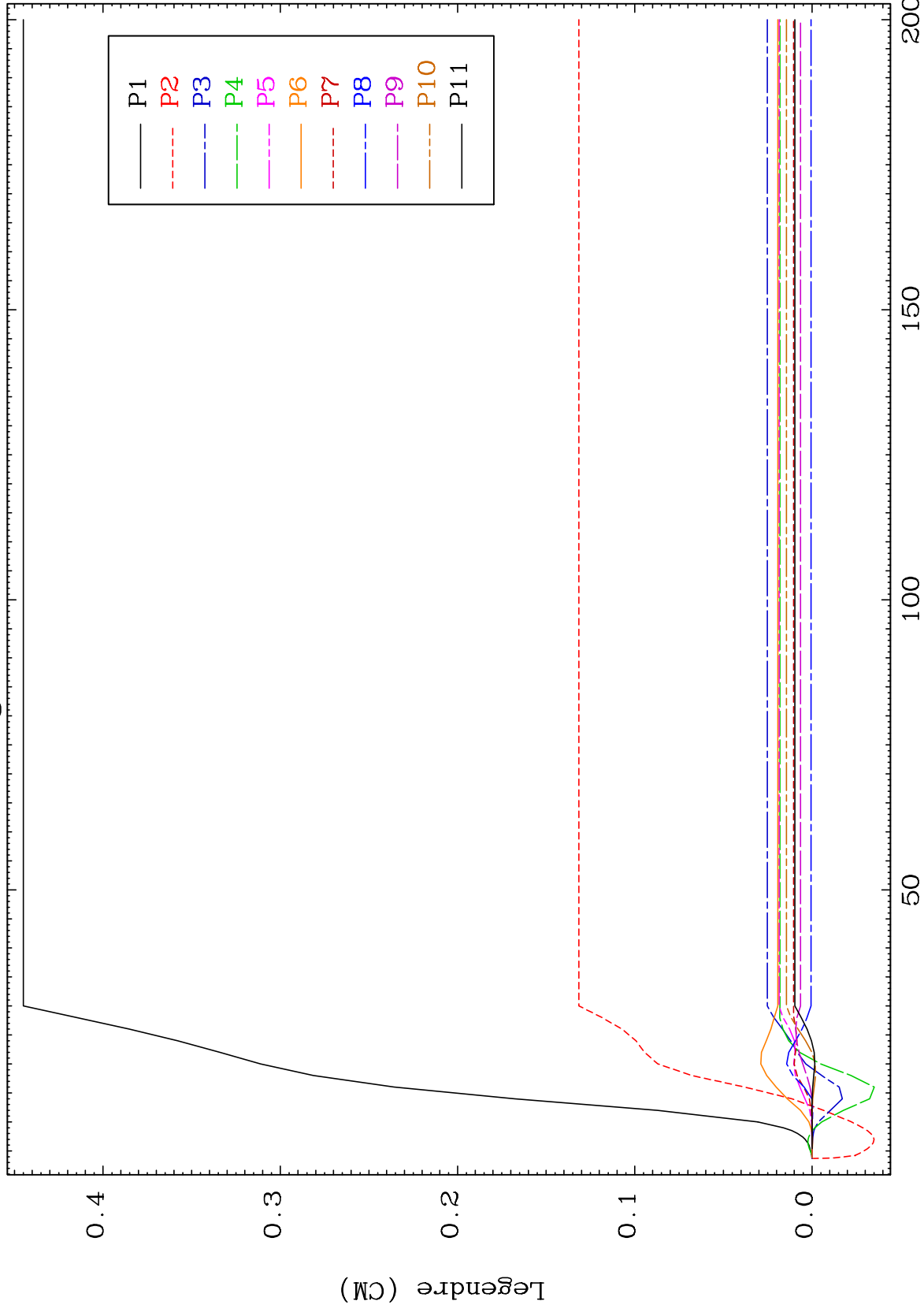
28-Ni-58



MAT 2825

MT= 65 (n,n') Level  
Legendre Coefficients

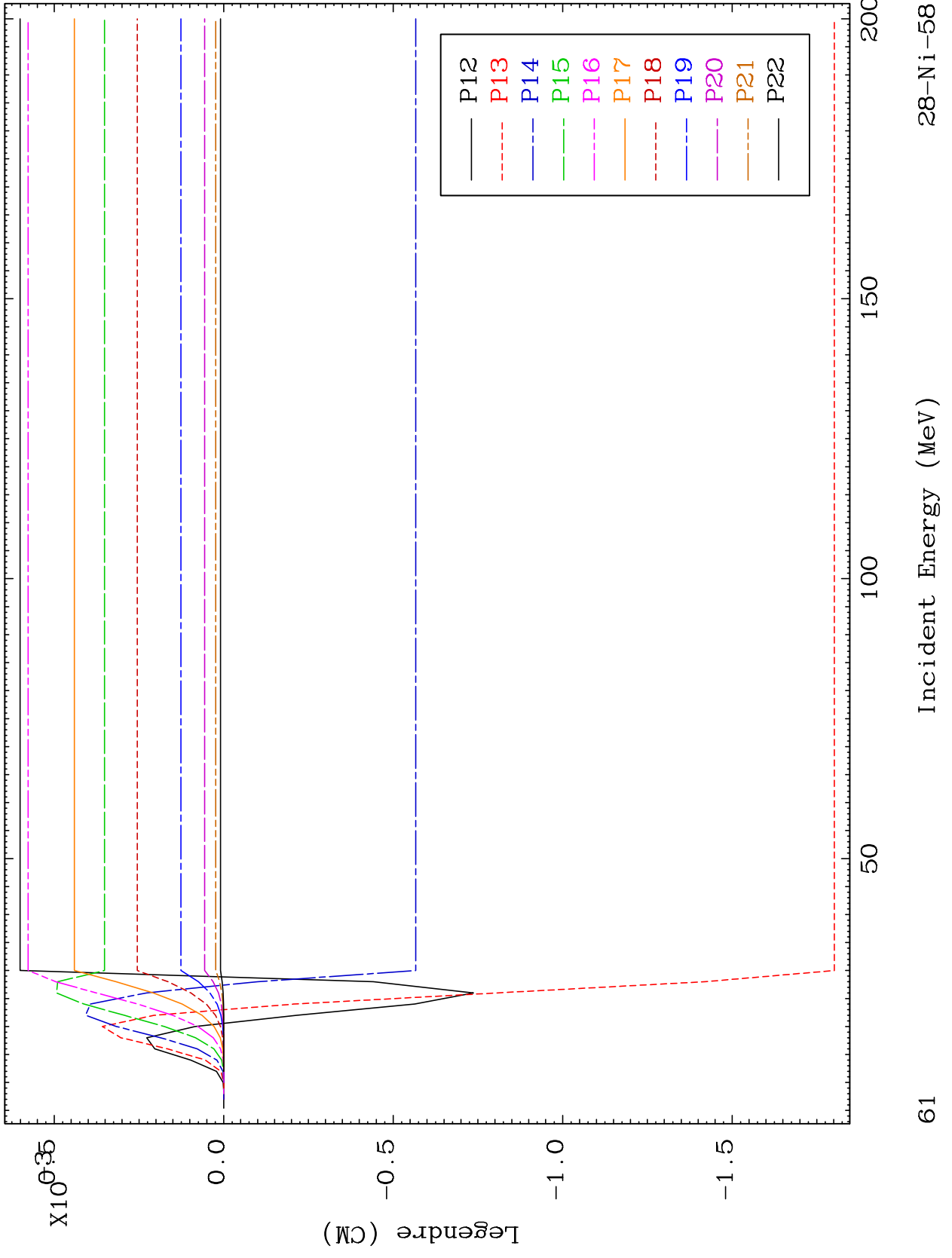
28-Ni-58



28-Ni-58

Incident Energy (MeV)

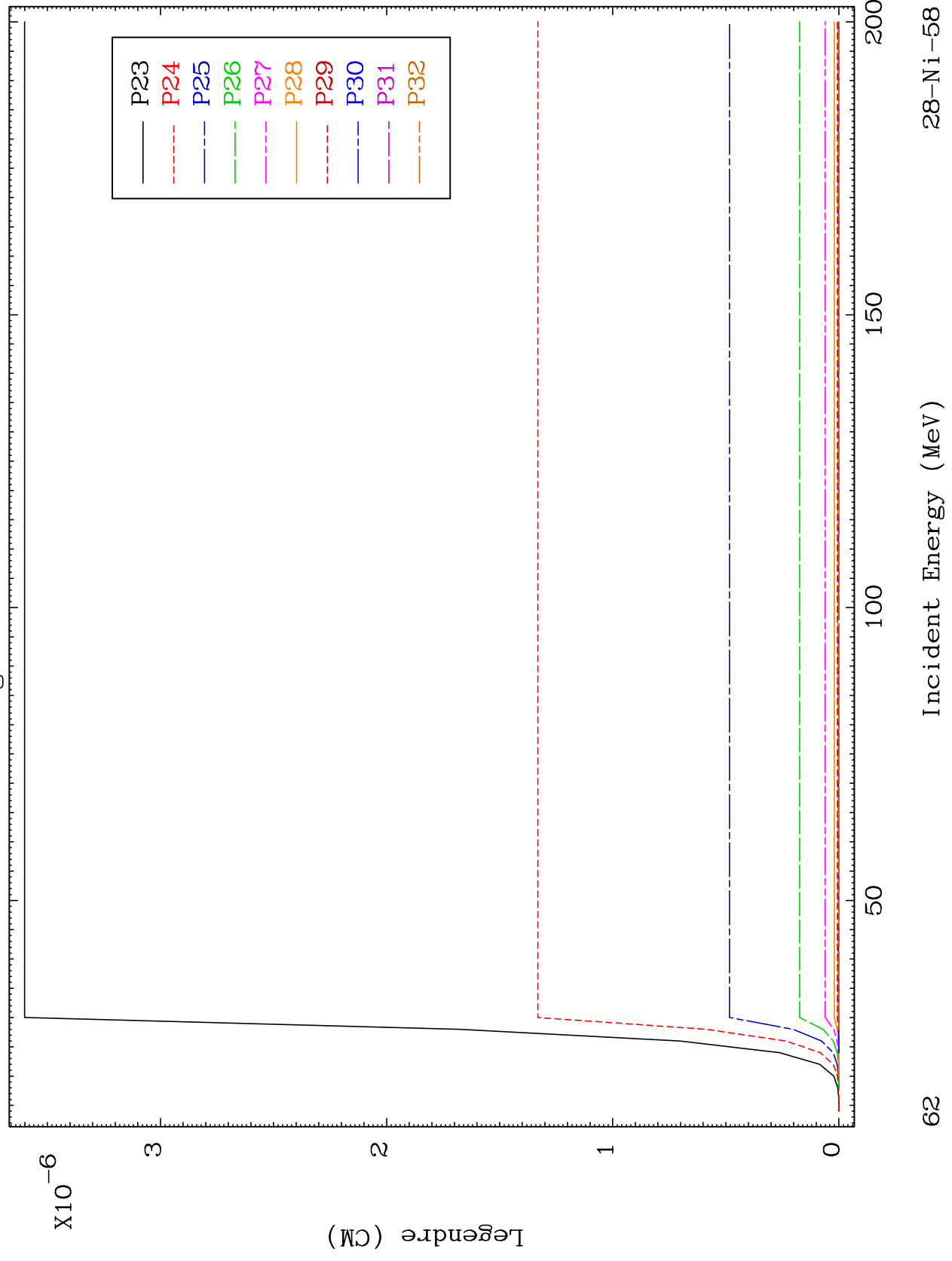
60



MAT 2825

MT= 65 (n,n') Level  
Legendre Coefficients

28-Ni-58



62

28-Ni-58

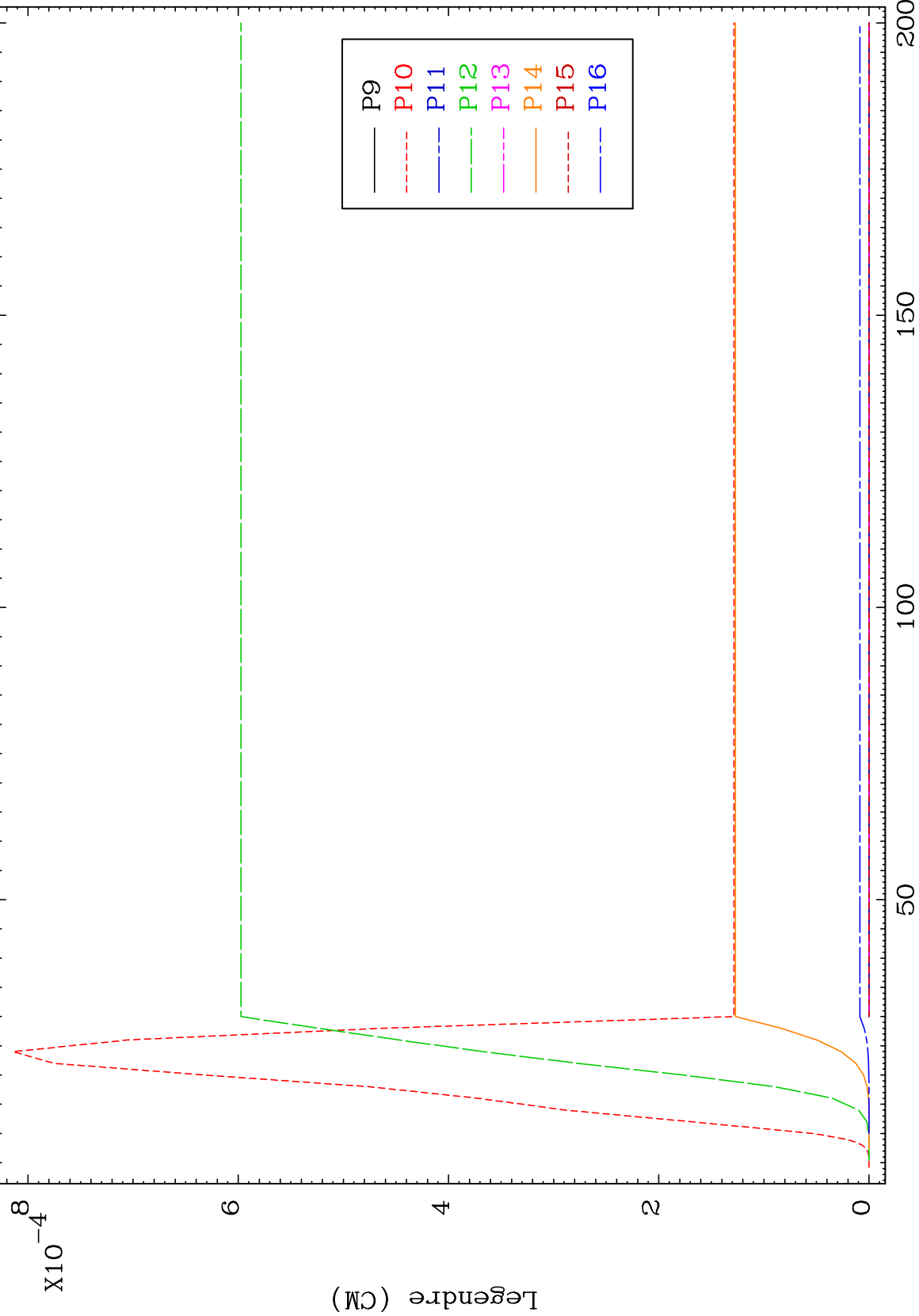




MAT 2825

MT= 66 (n,n') Level  
Legendre Coefficients

28-Ni-58

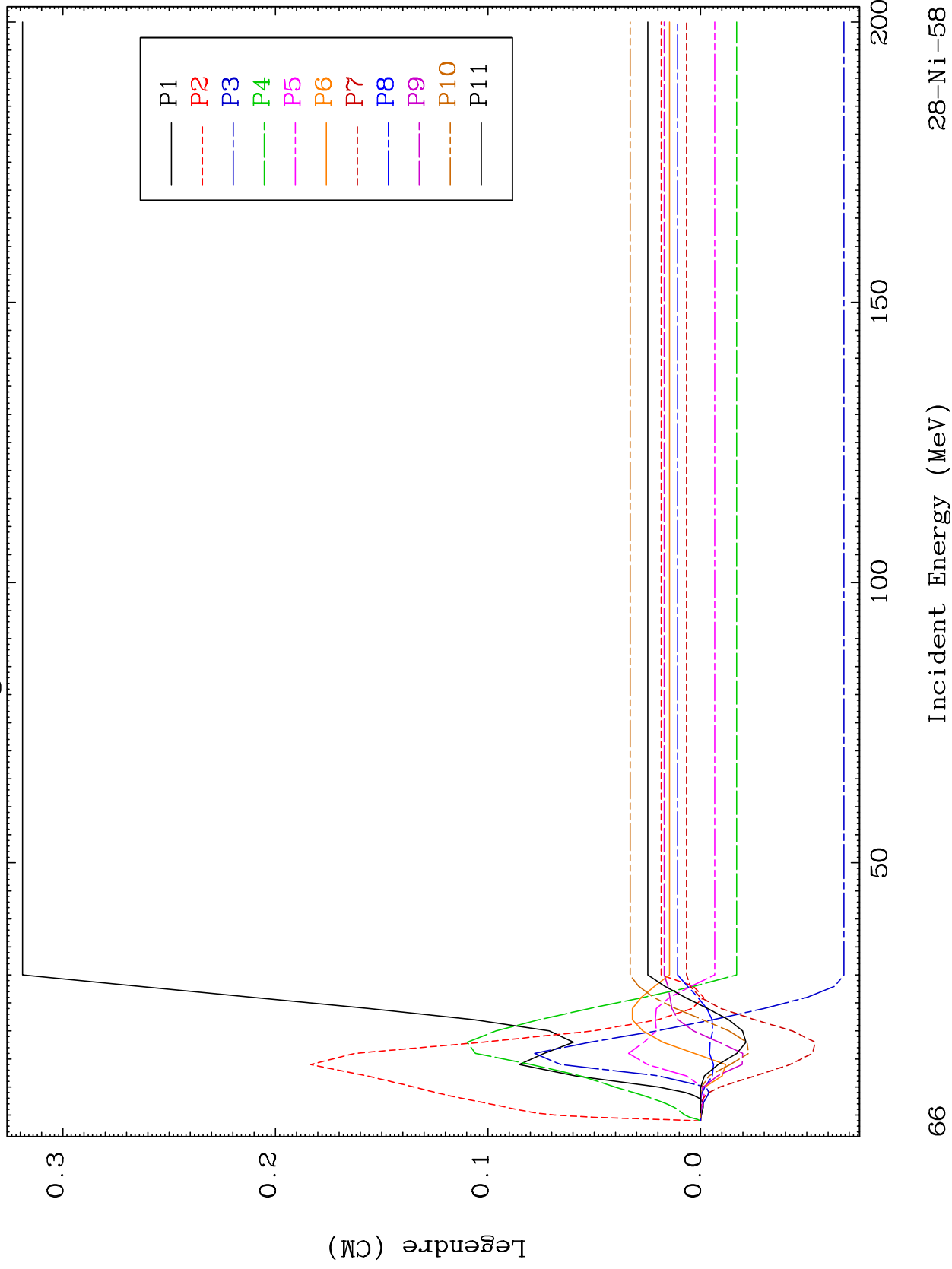


64

Incident Energy (MeV)

28-Ni-58

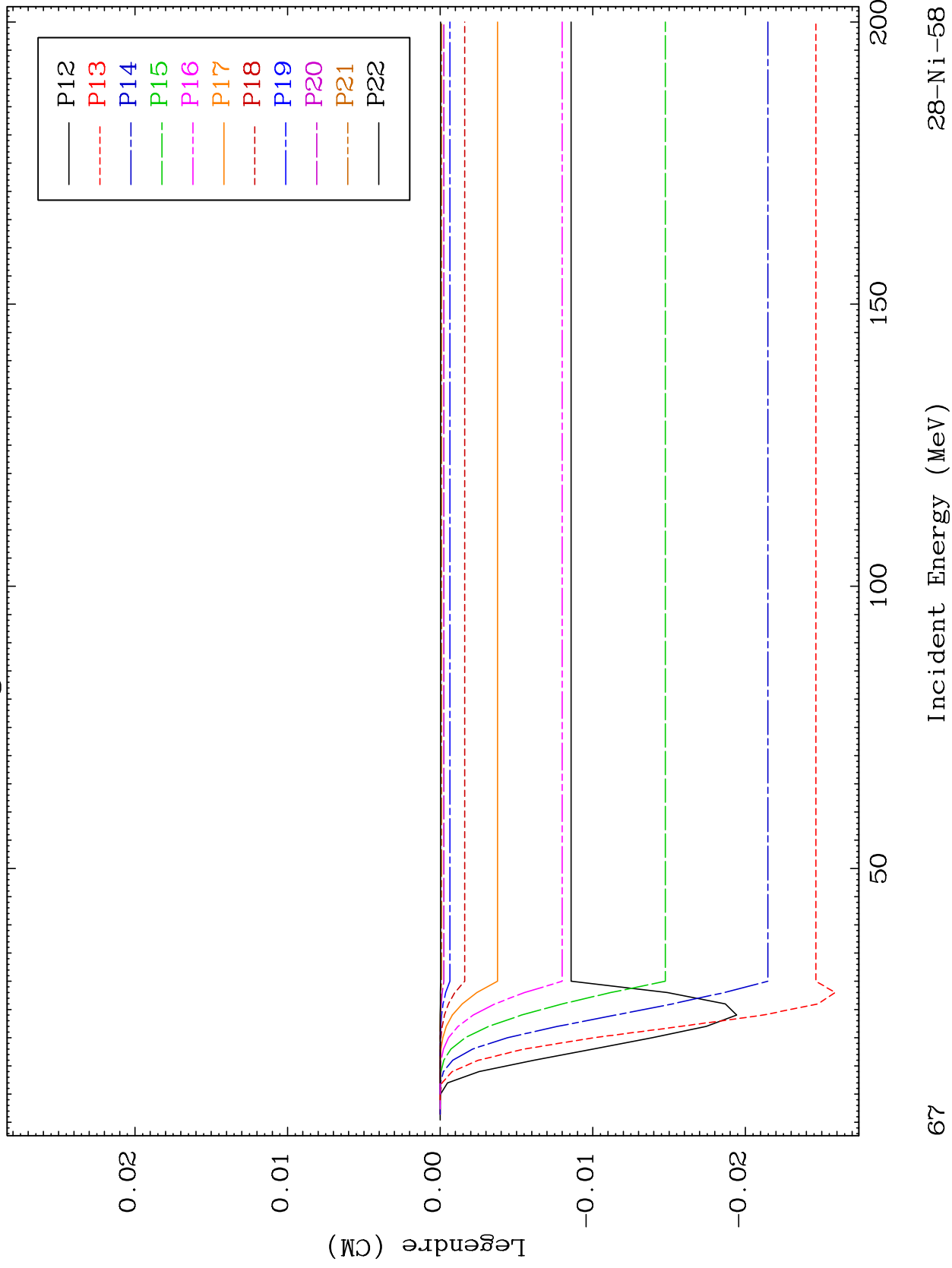




MAT 2825

MT= 67 (n,n') Level  
Legendre Coefficients

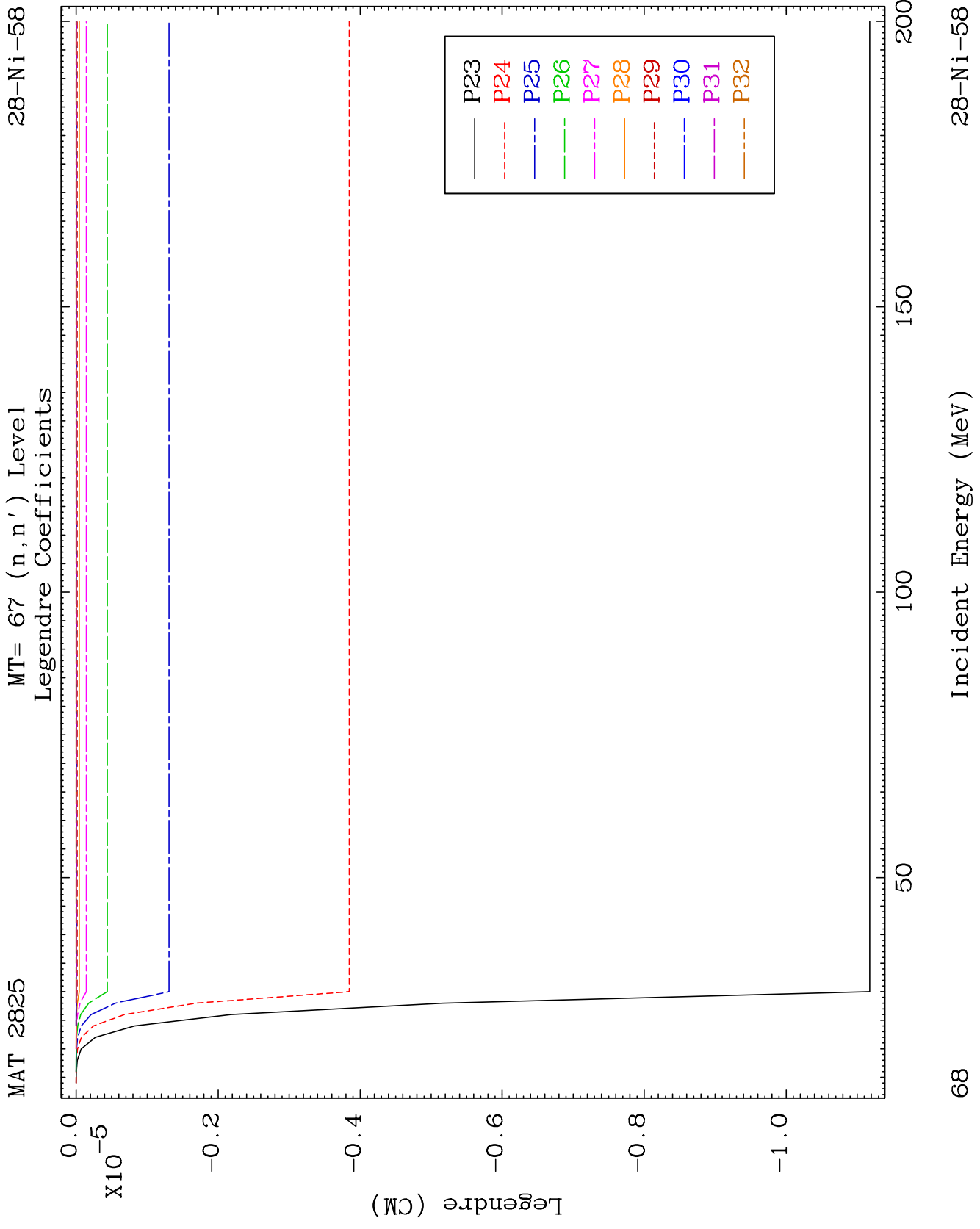
28-Ni-58



67

Incident Energy (MeV)

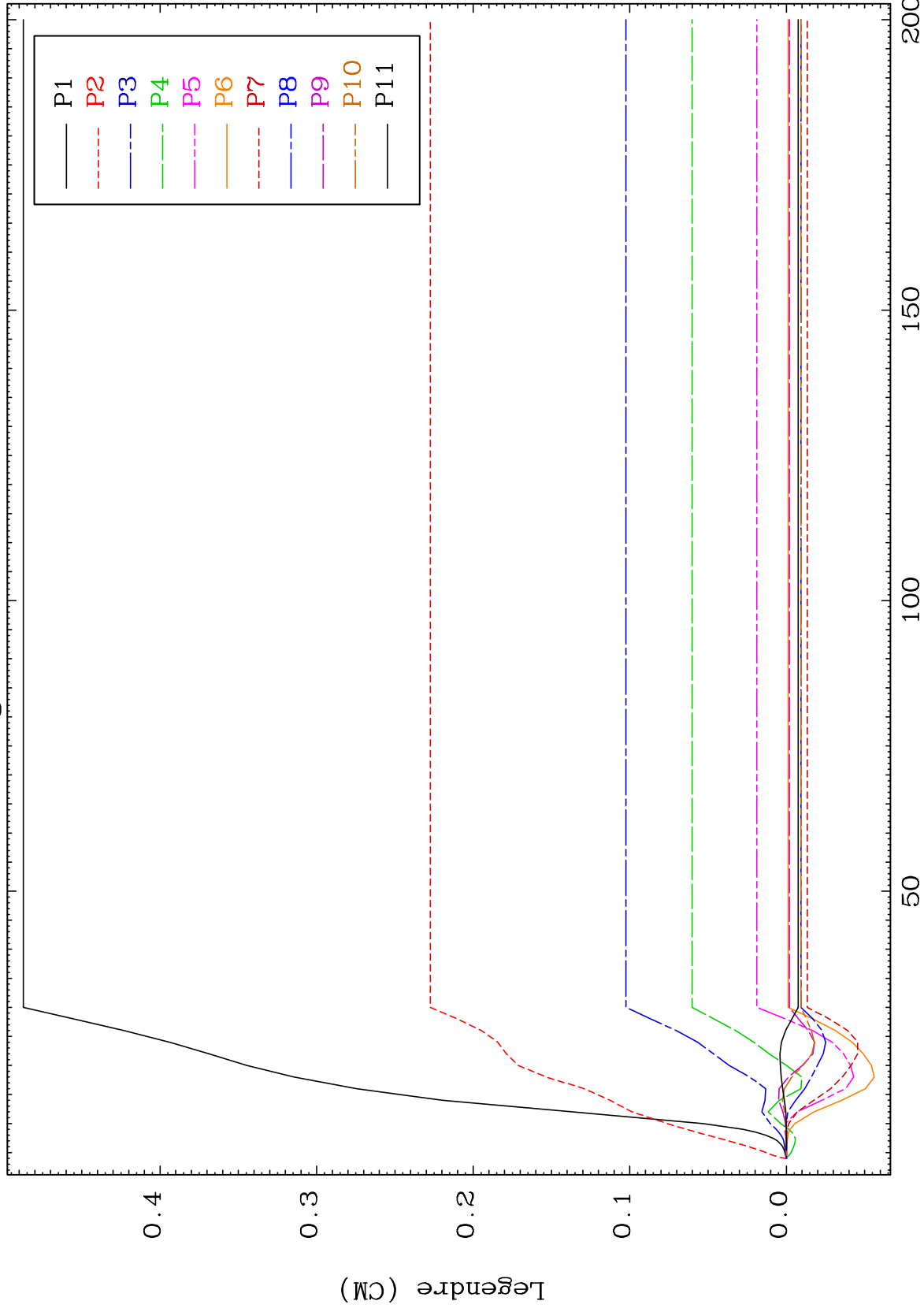
28-Ni-58



MAT 2825

MT= 68 (n,n') Level  
Legendre Coefficients

28-Ni-58



69

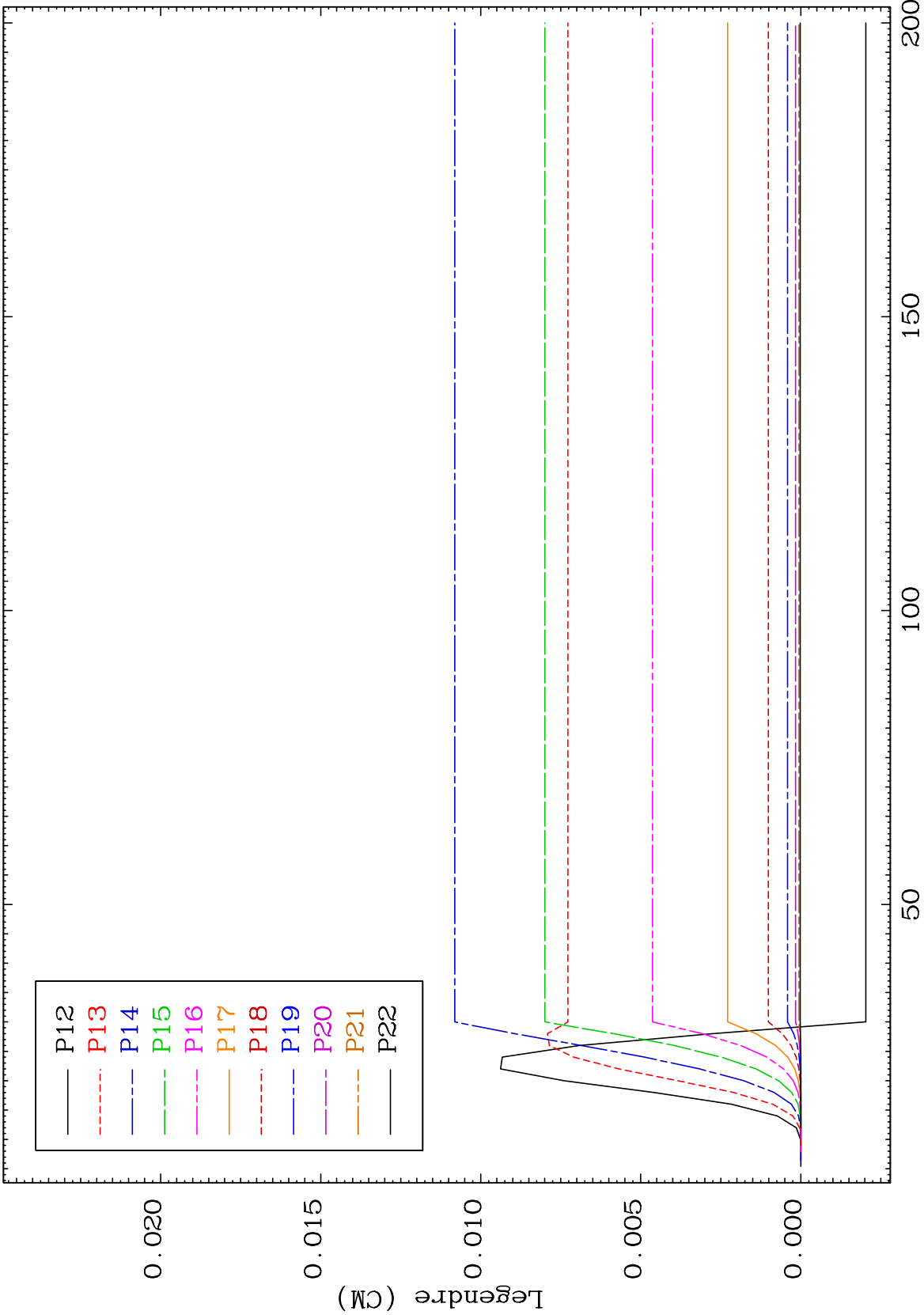
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 68 (n,n') Level  
Legendre Coefficients

28-Ni-58



70

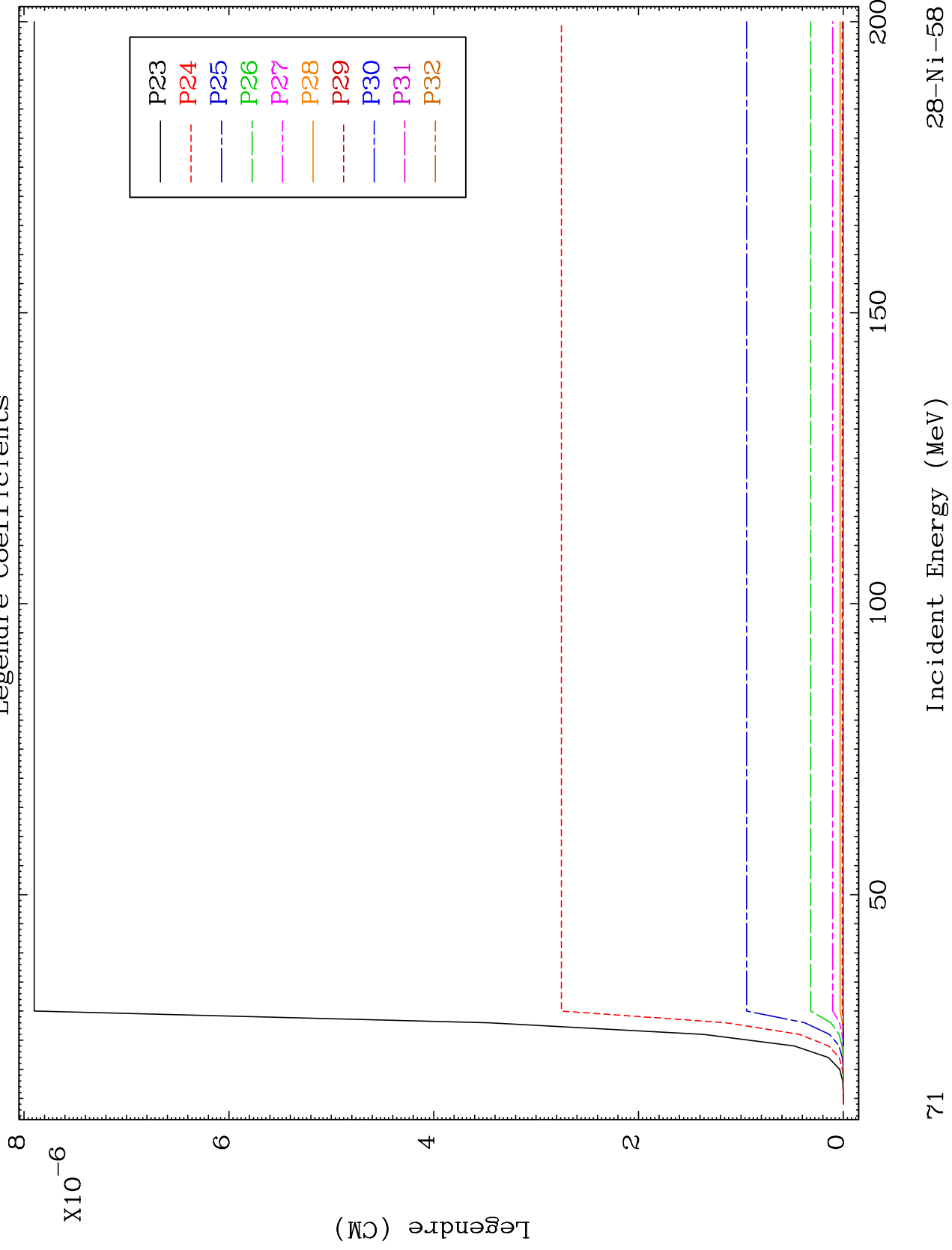
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 68 (n,n') Level  
Legendre Coefficients

28-Ni-58



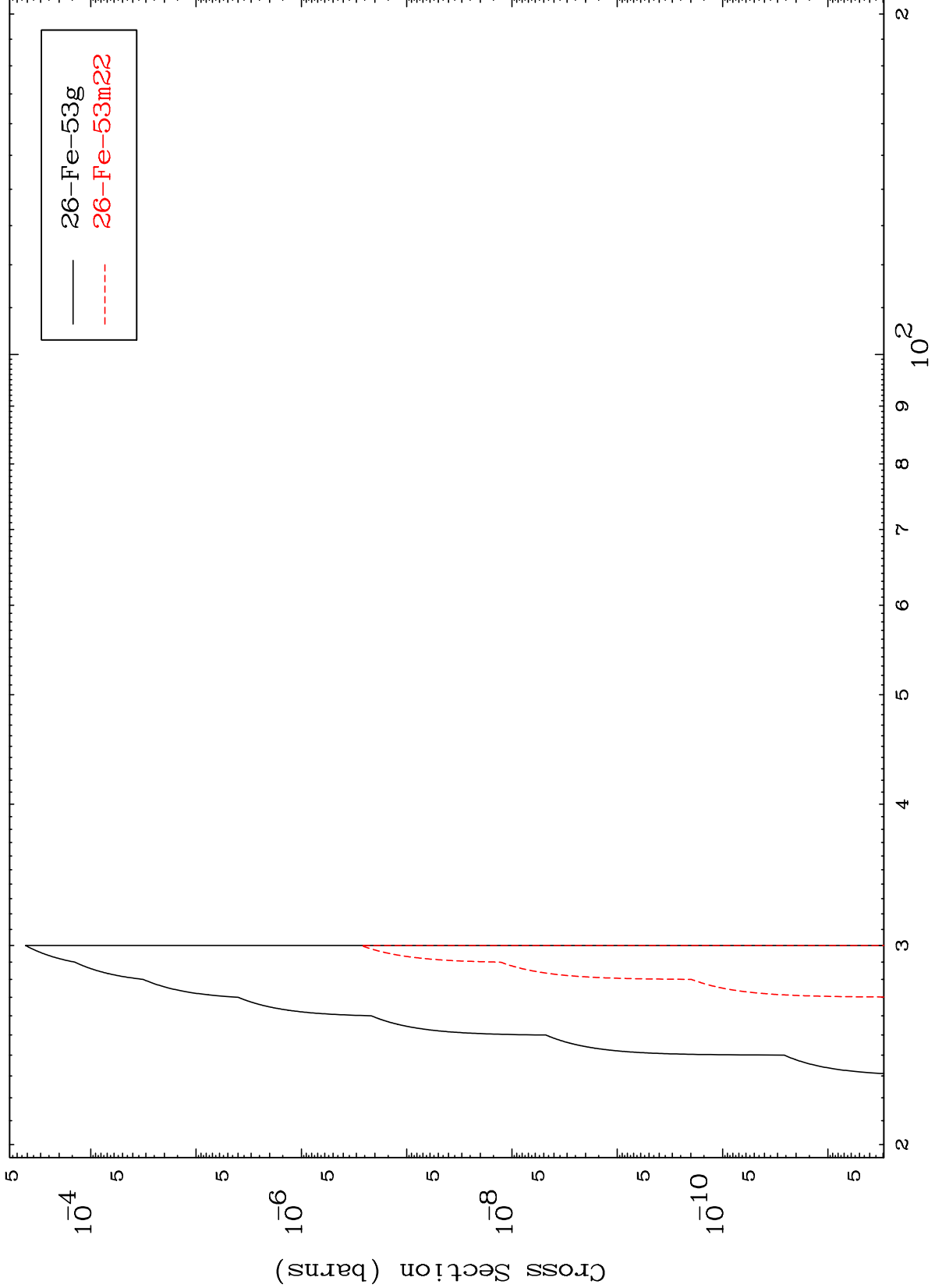


MAT 2825

$(n,2n) \alpha$

28-Ni-58

Radionuclide Production Cross Section



72

Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,p)  
Radionuclide Production Cross Section

28-Ni-58

