

Program EVALPLOT  
(Version 2018-1)

by

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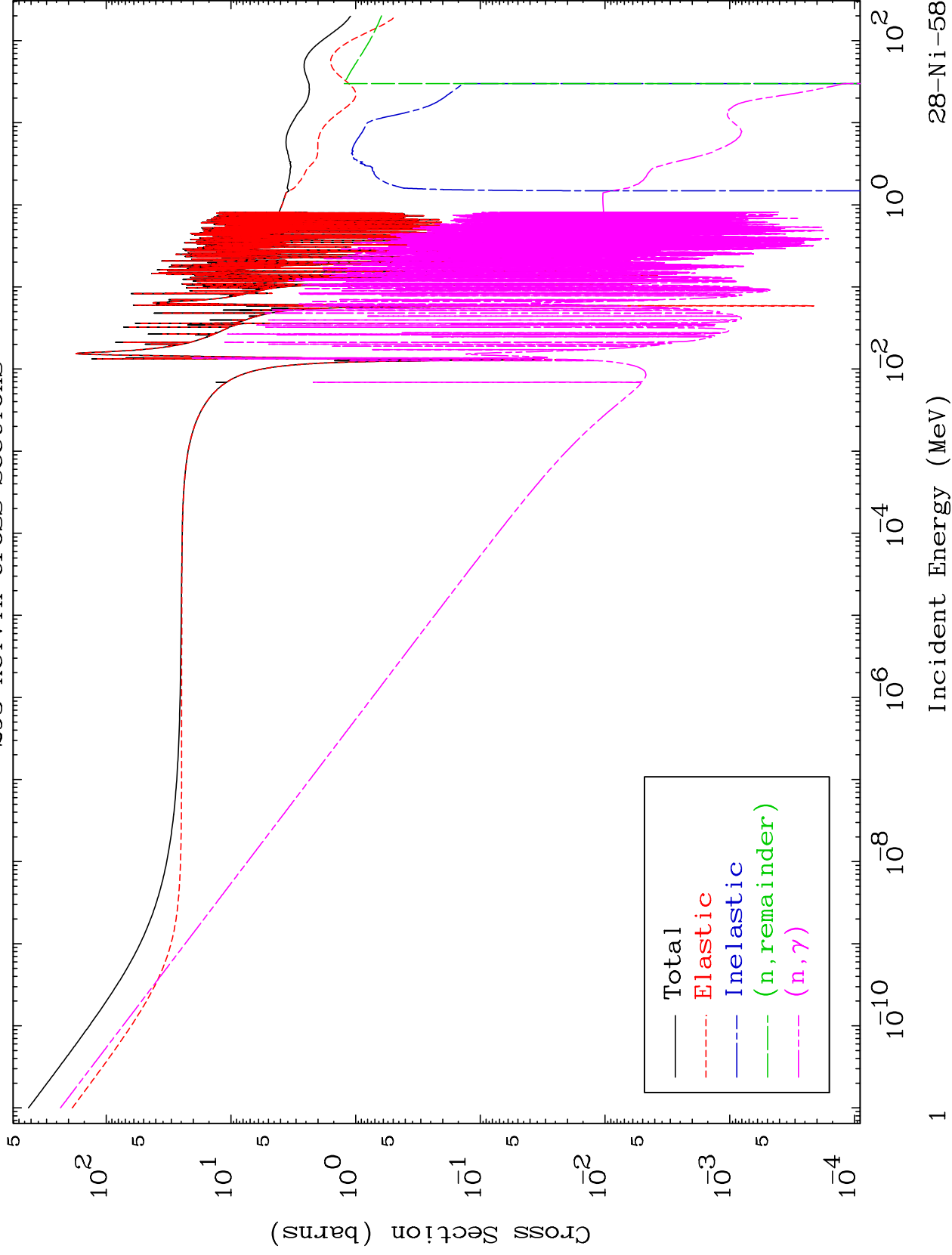
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2825

Major  
293 Kelvin Cross Sections

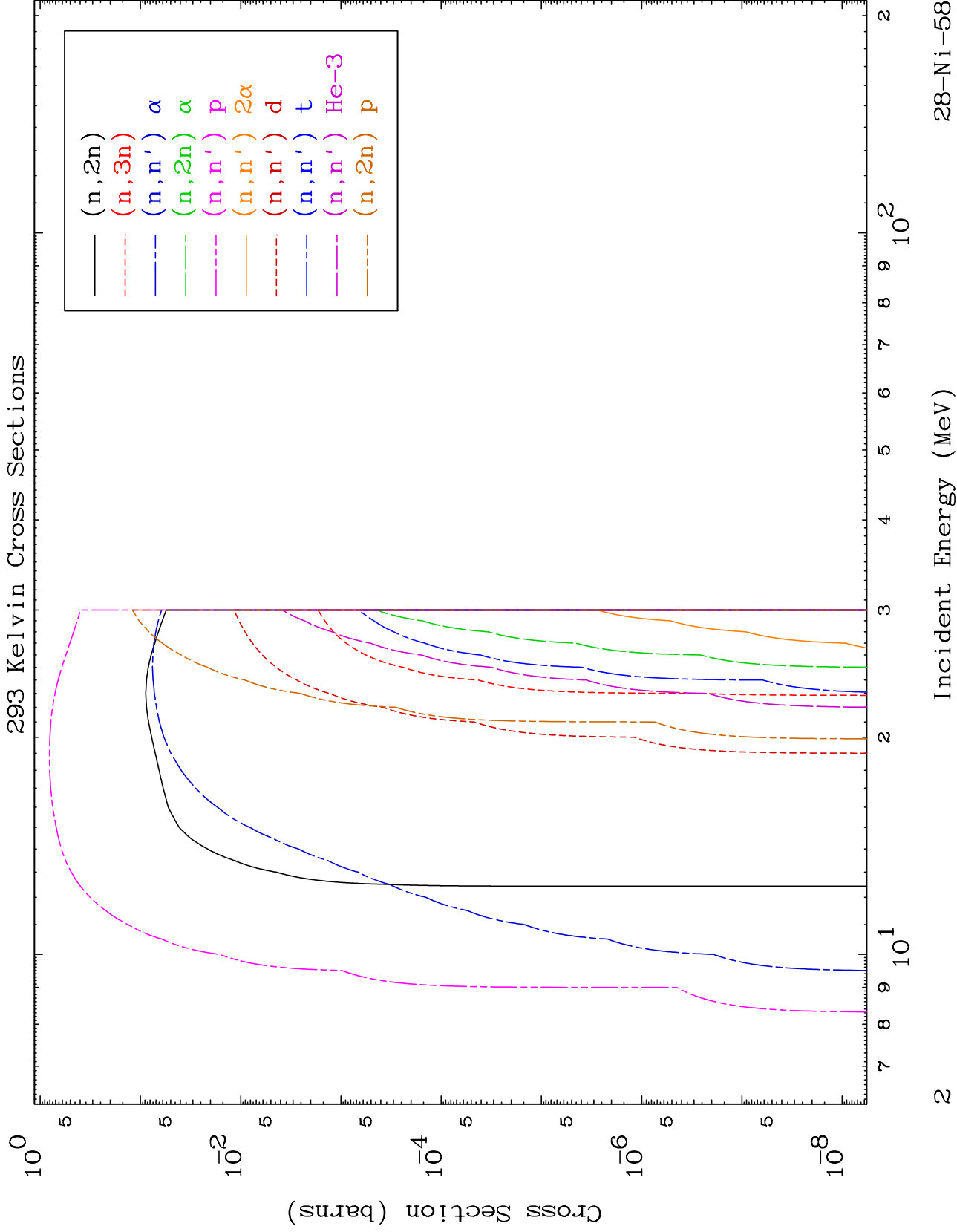
28-Ni-58

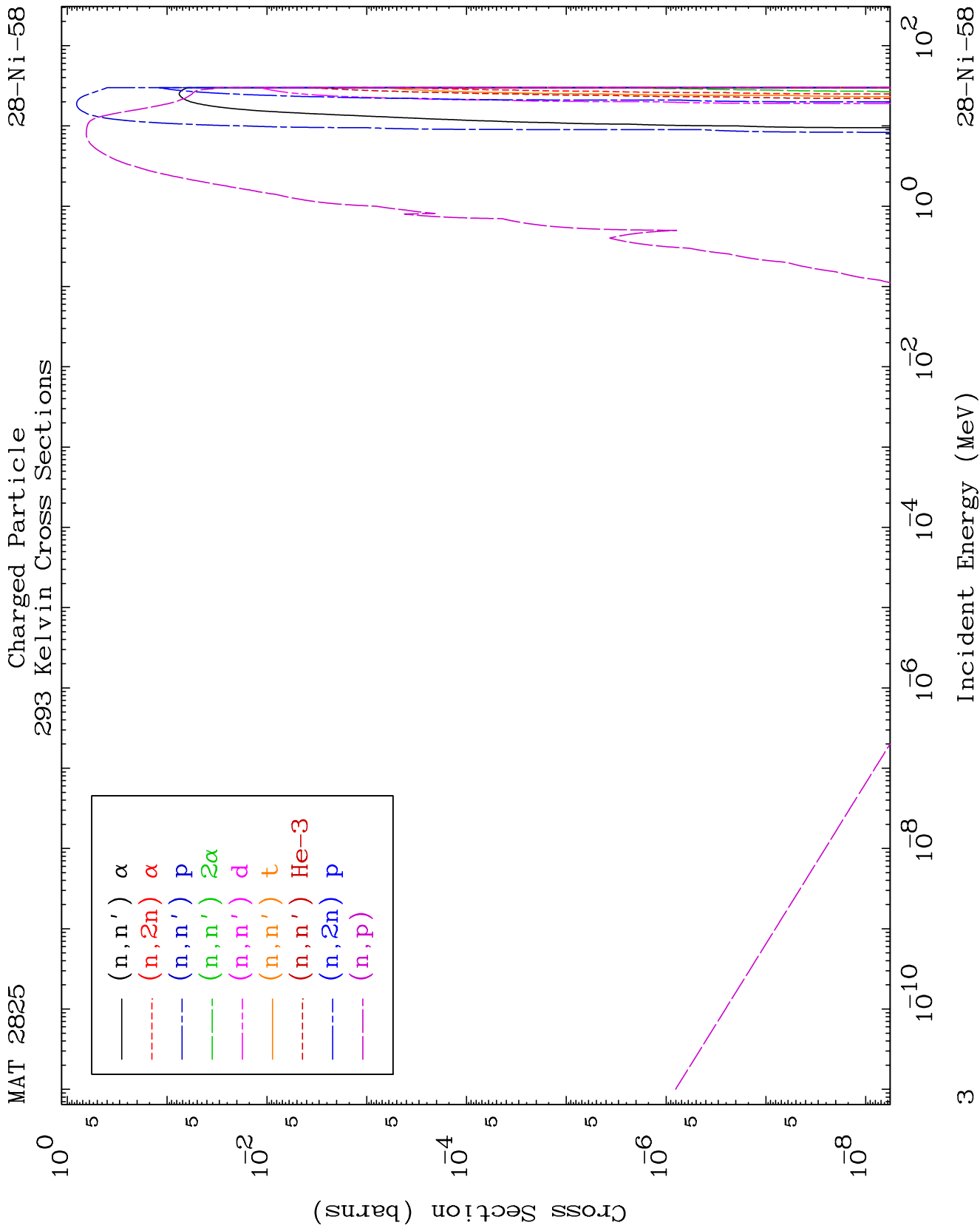


MAT 2825

Neutron Production  
293 Kelvin Cross Sections

28-Ni-58

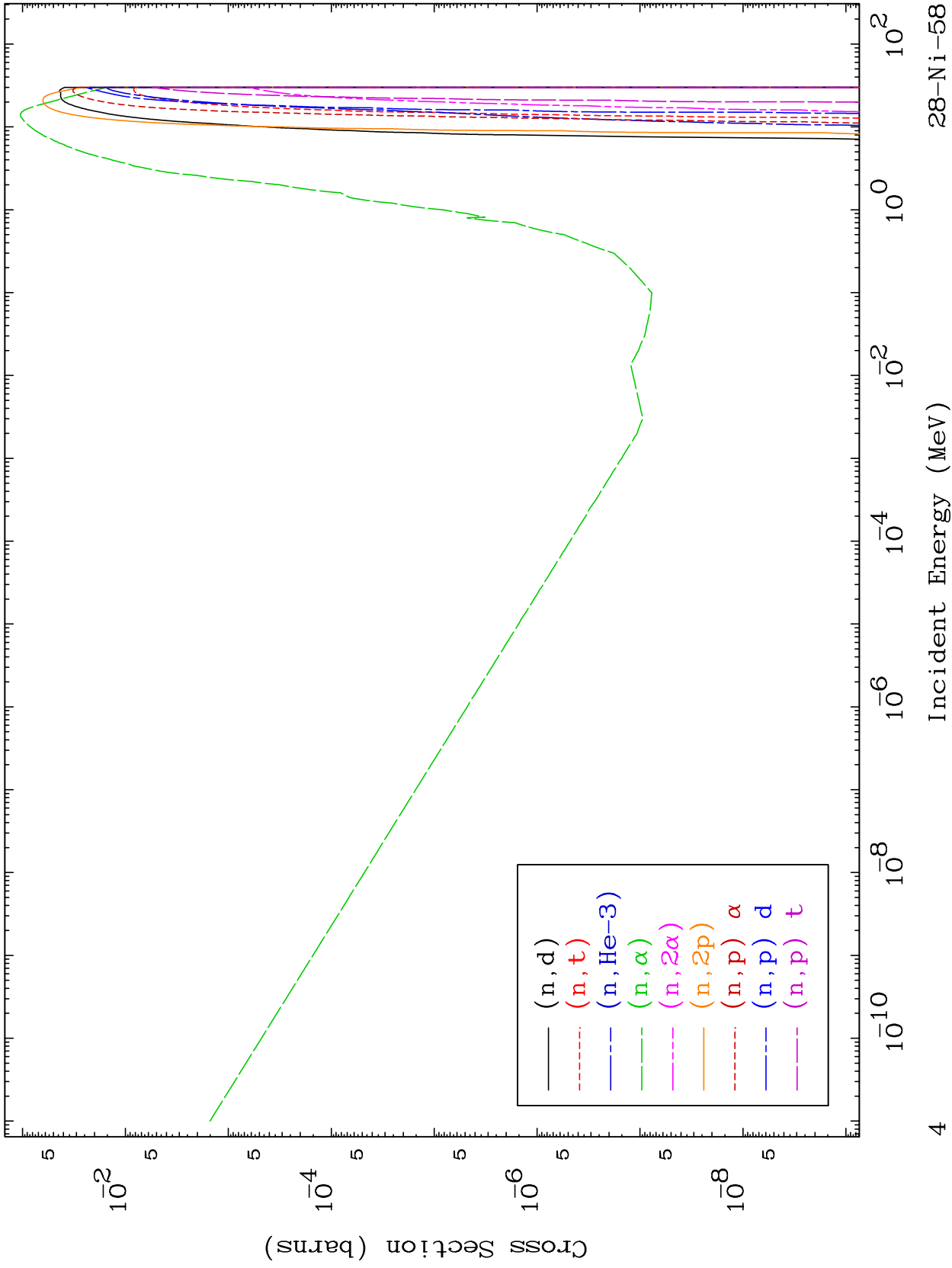




MAT 2825

Charged Particle  
293 Kelvin Cross Sections

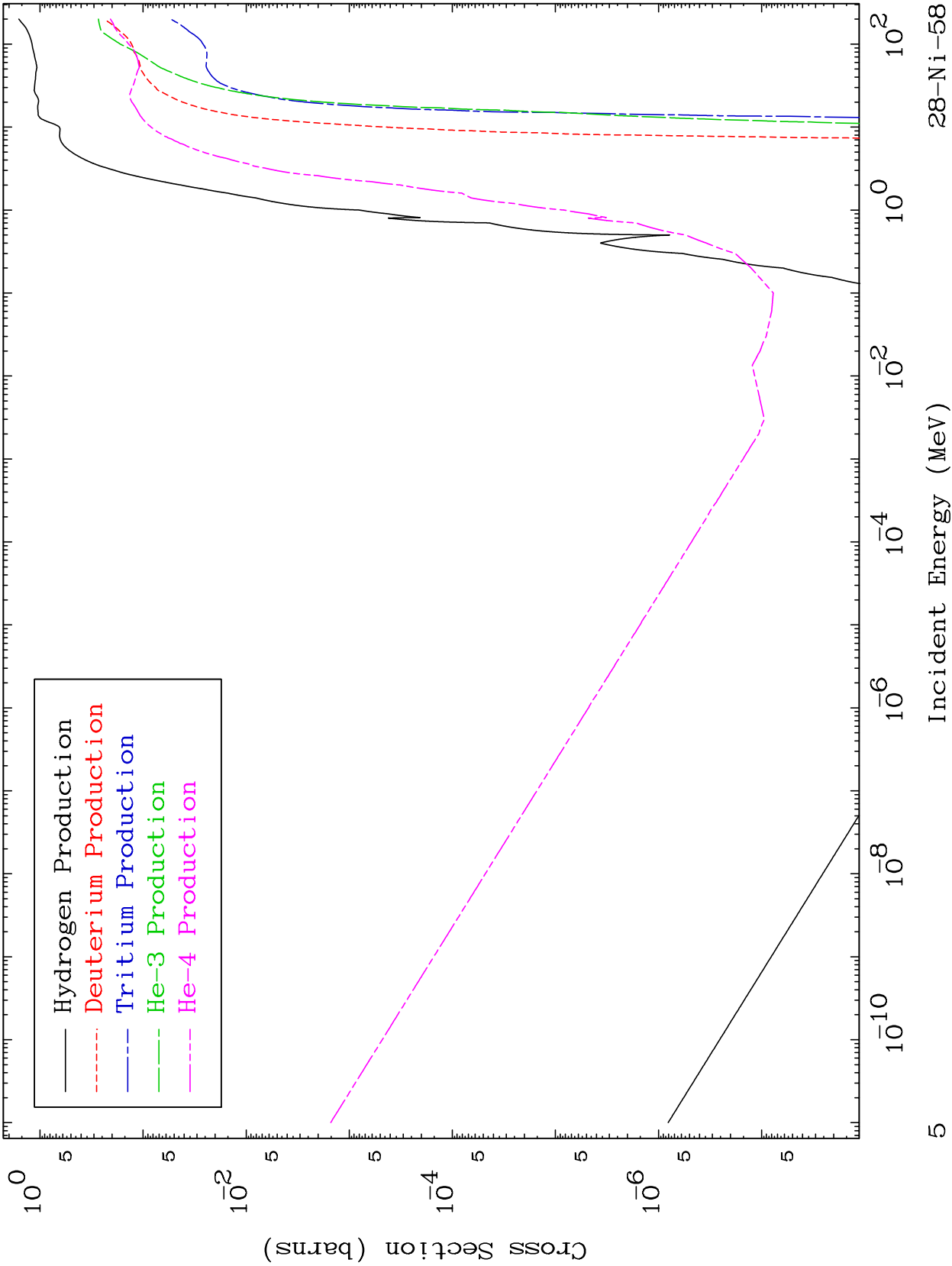
28-Ni-58



MAT 2825

Particle Production  
293 Kelvin Cross Sections

28-Ni-58

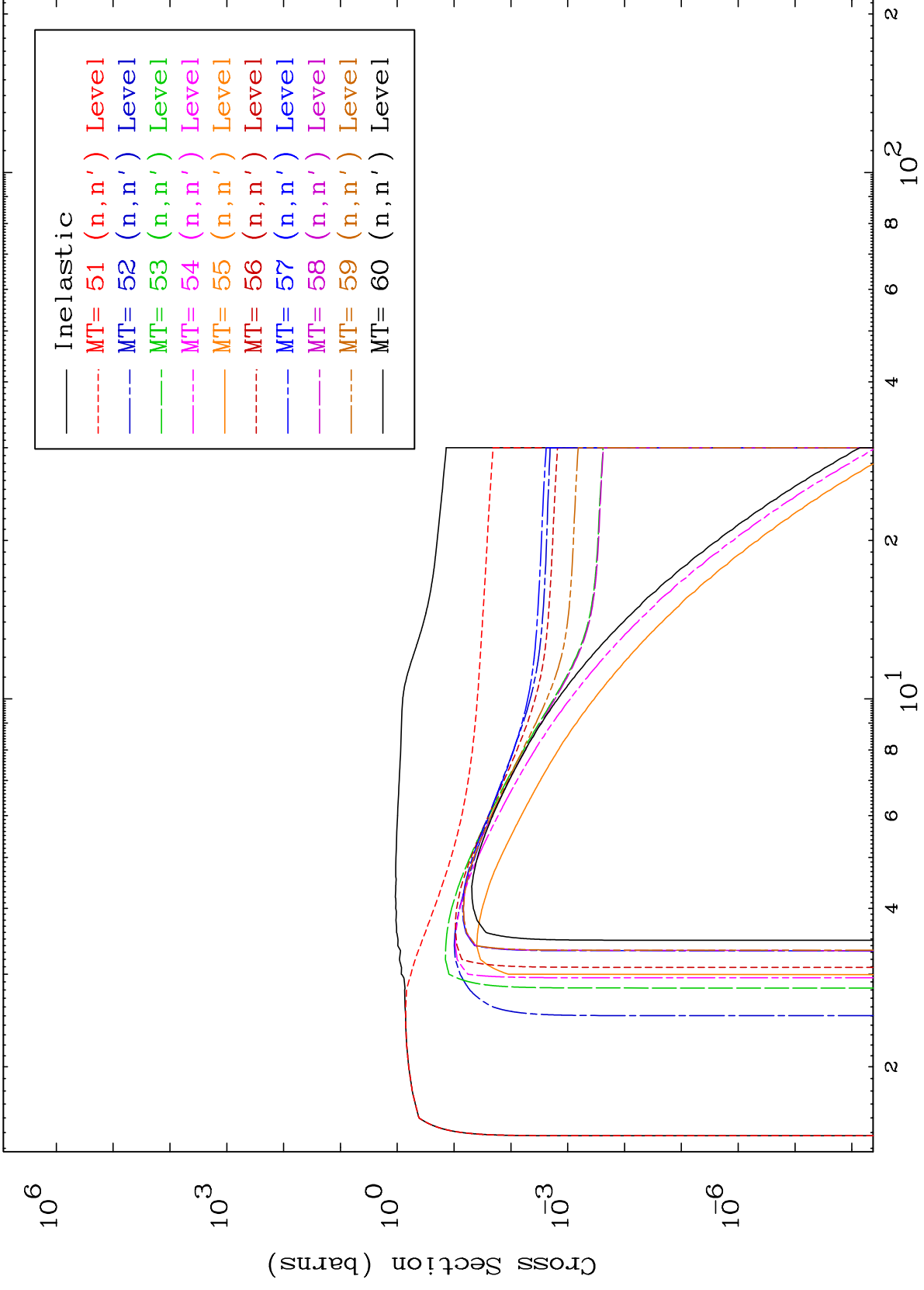


MAT 2825

(n,n') Level

28-Ni-58

293 Kelvin Cross Sections



6

Incident Energy (MeV)

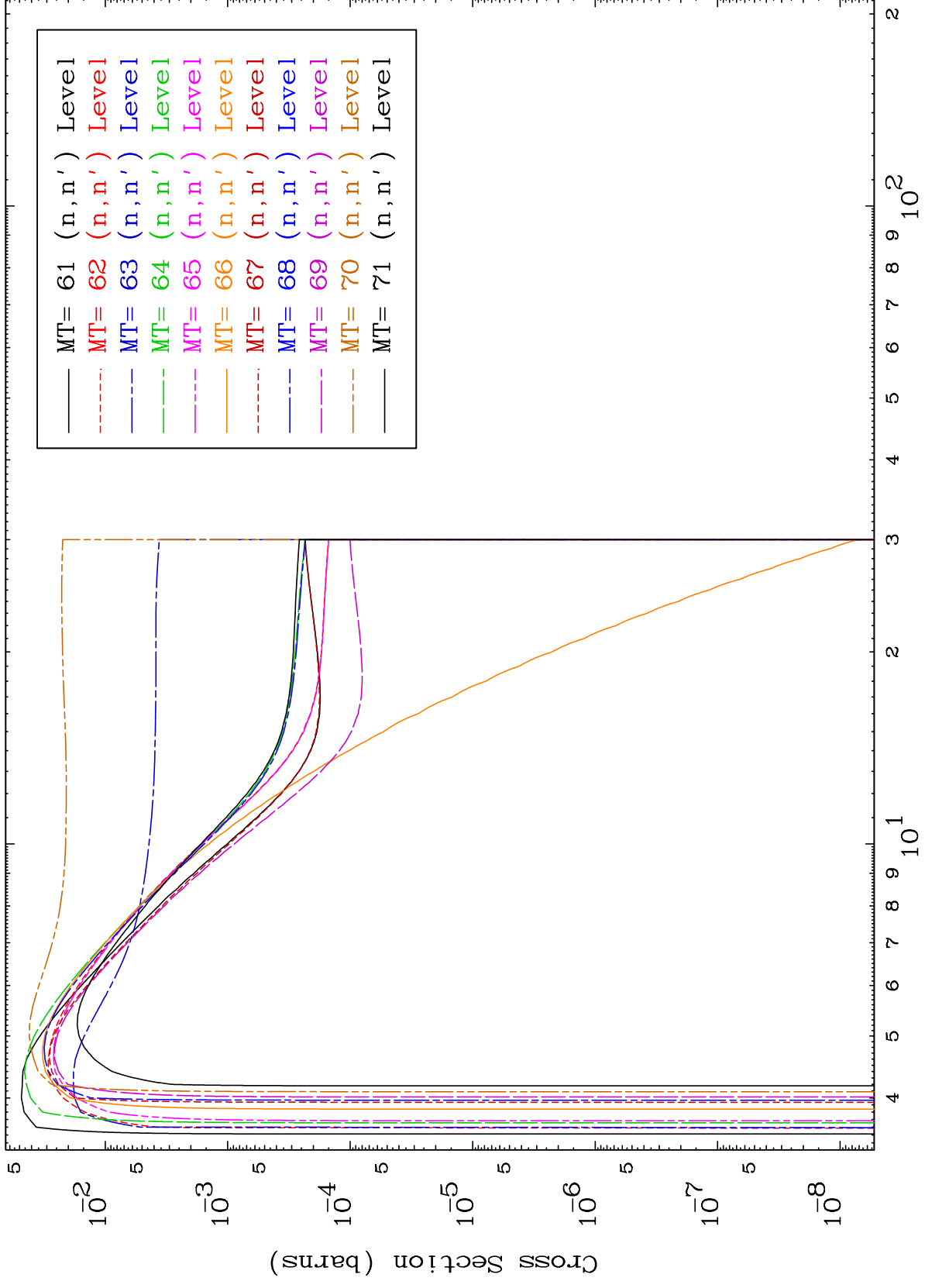
28-Ni-58

MAT 2825

(n,n') Level

28-Ni-58

293 Kelvin Cross Sections



7

Incident Energy (MeV)

28-Ni-58

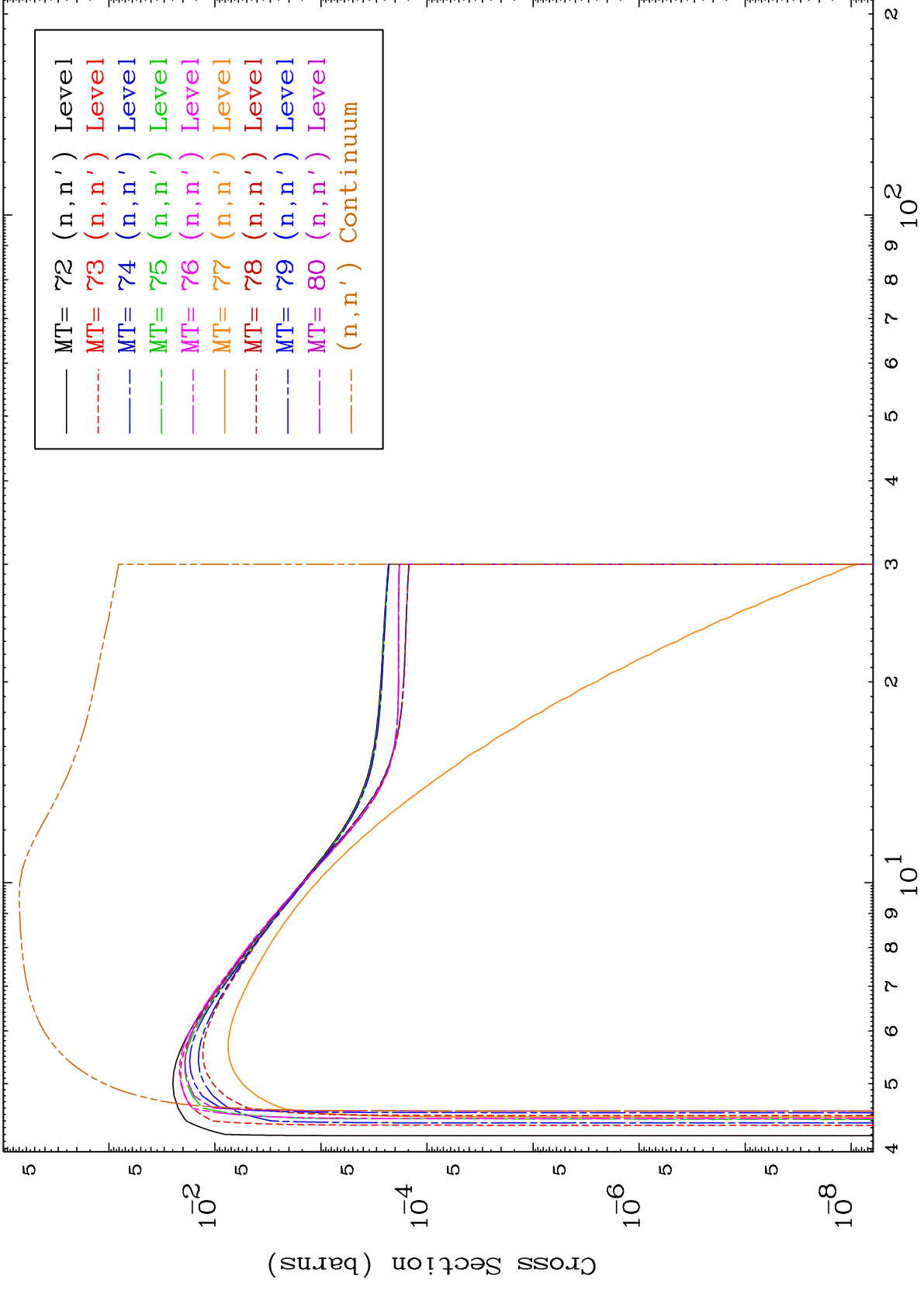


MAT 2825

(n,n') Level

28-Ni-58

293 Kelvin Cross Sections



Incident Energy (MeV)

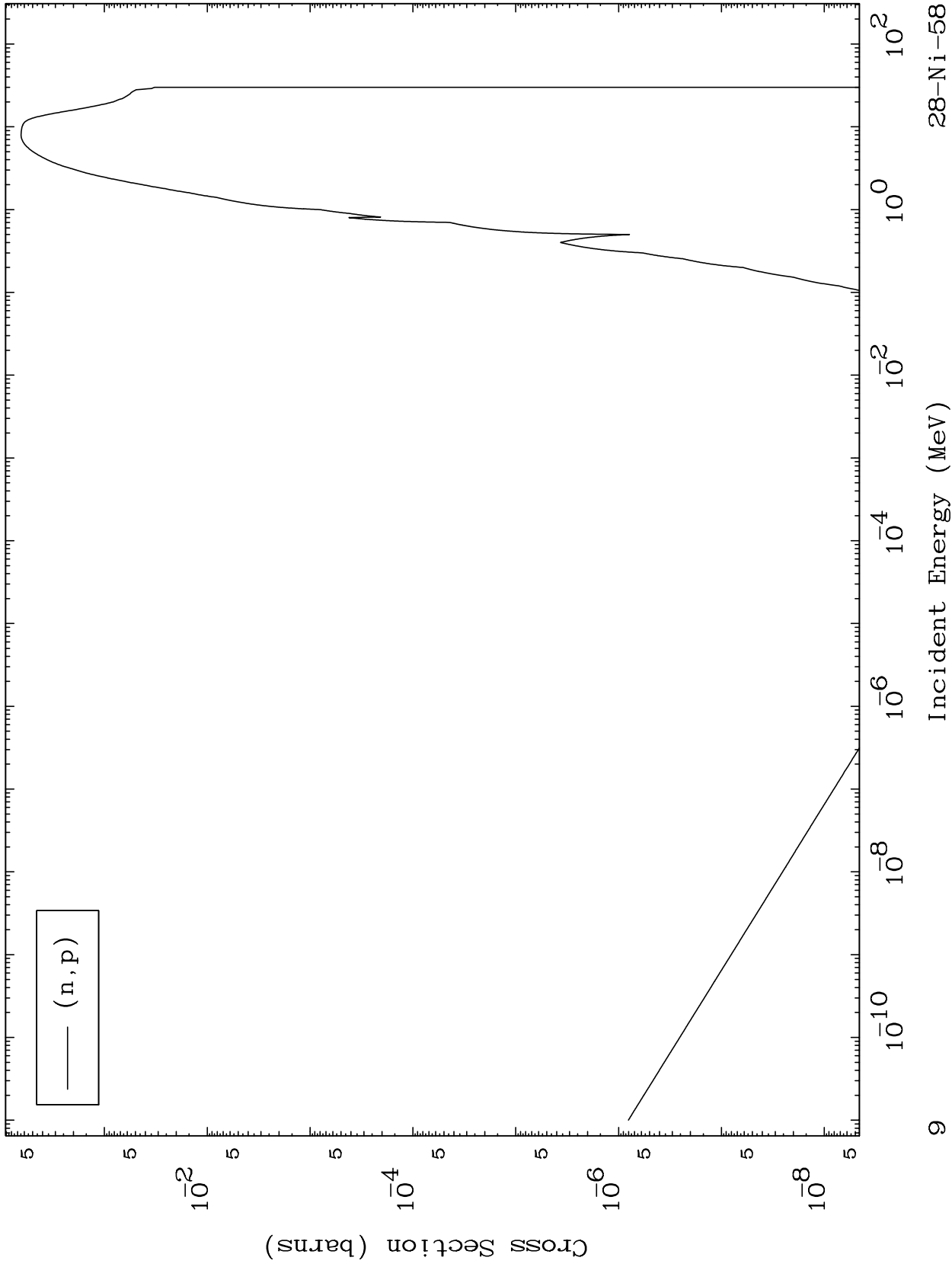
28-Ni-58

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MAT 2825

(n,p) Levels  
293 Kelvin Cross Sections

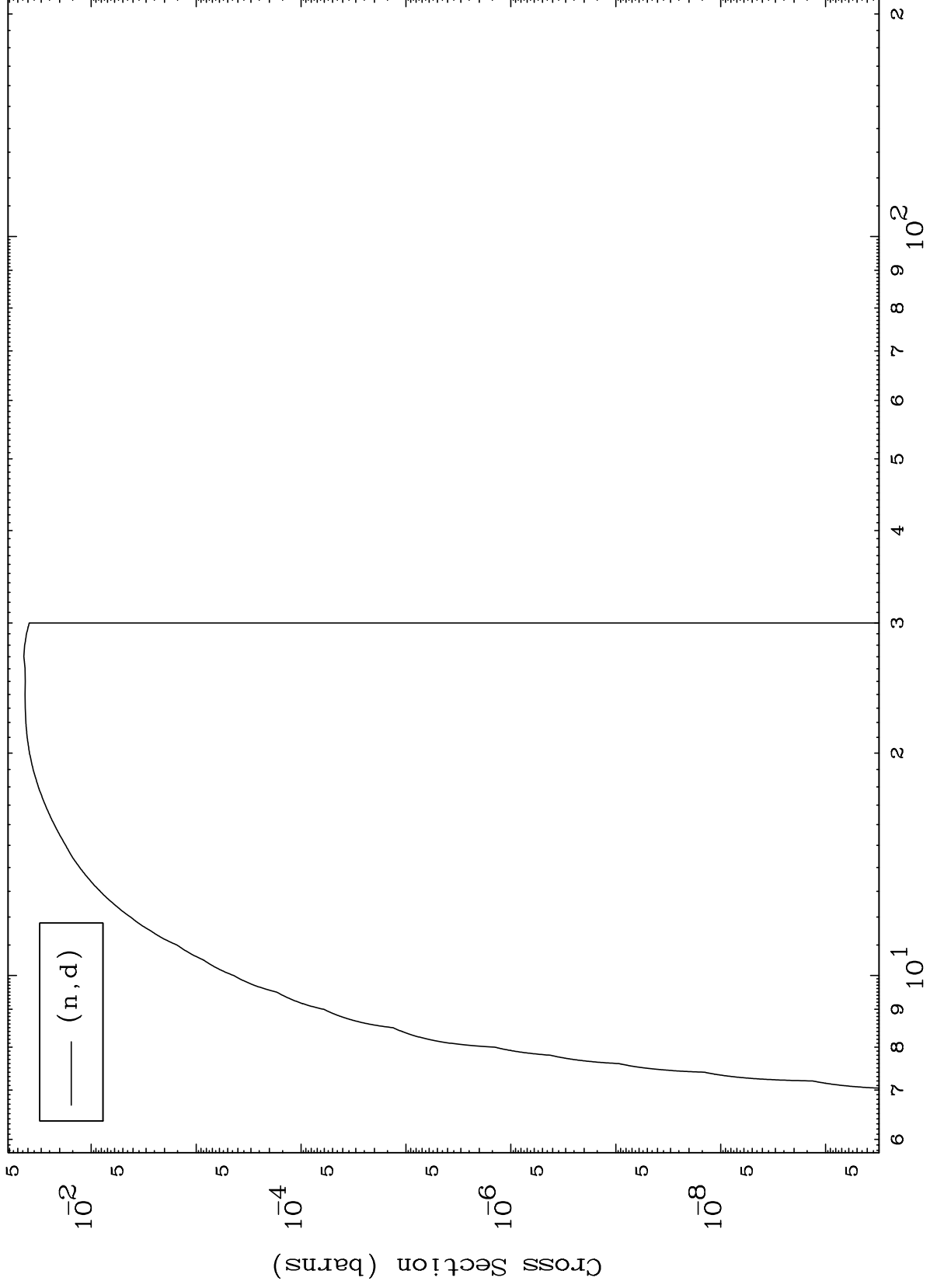
28-Ni-58



MAT 2825

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-58

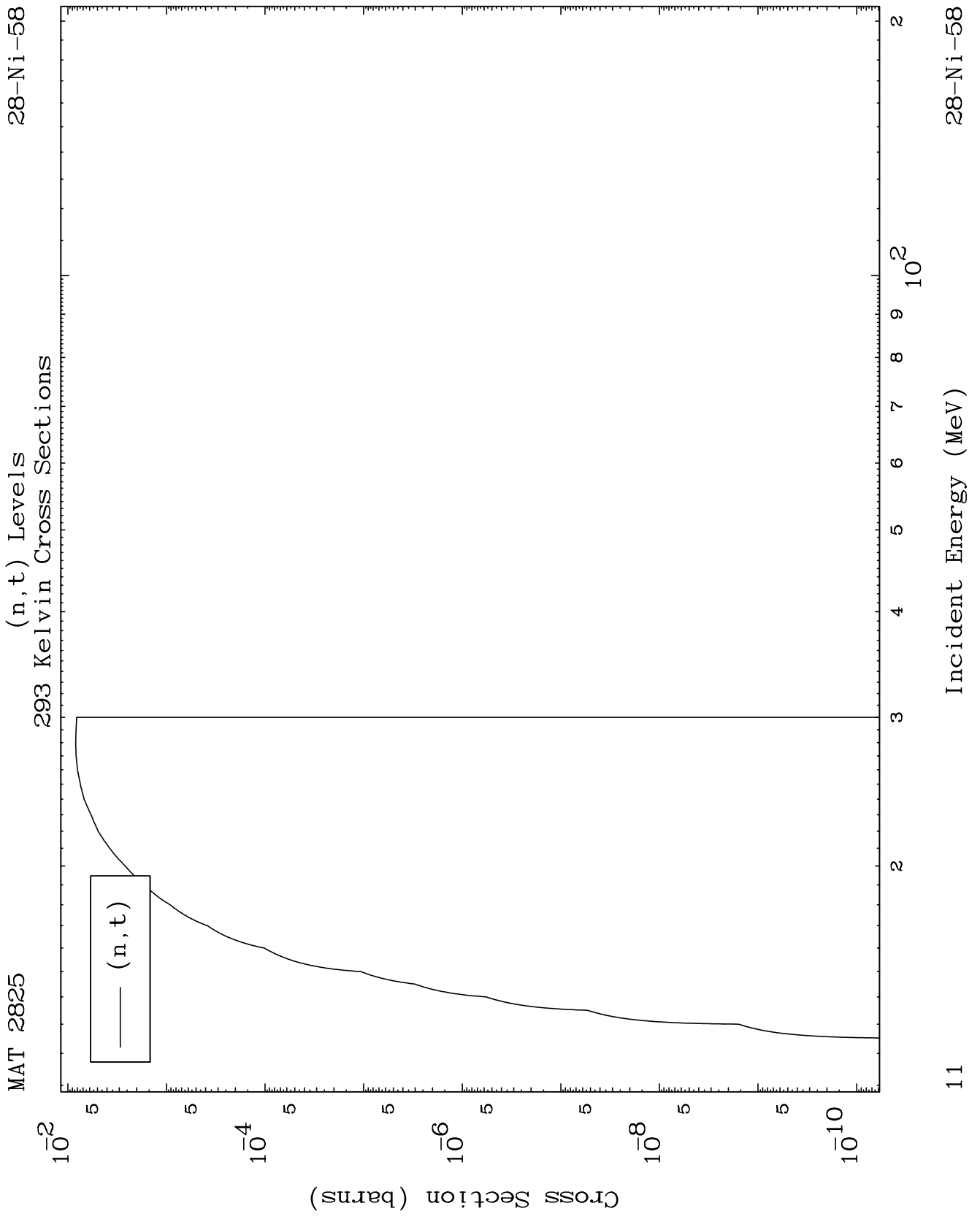


(n,d)

10

Incident Energy (MeV)

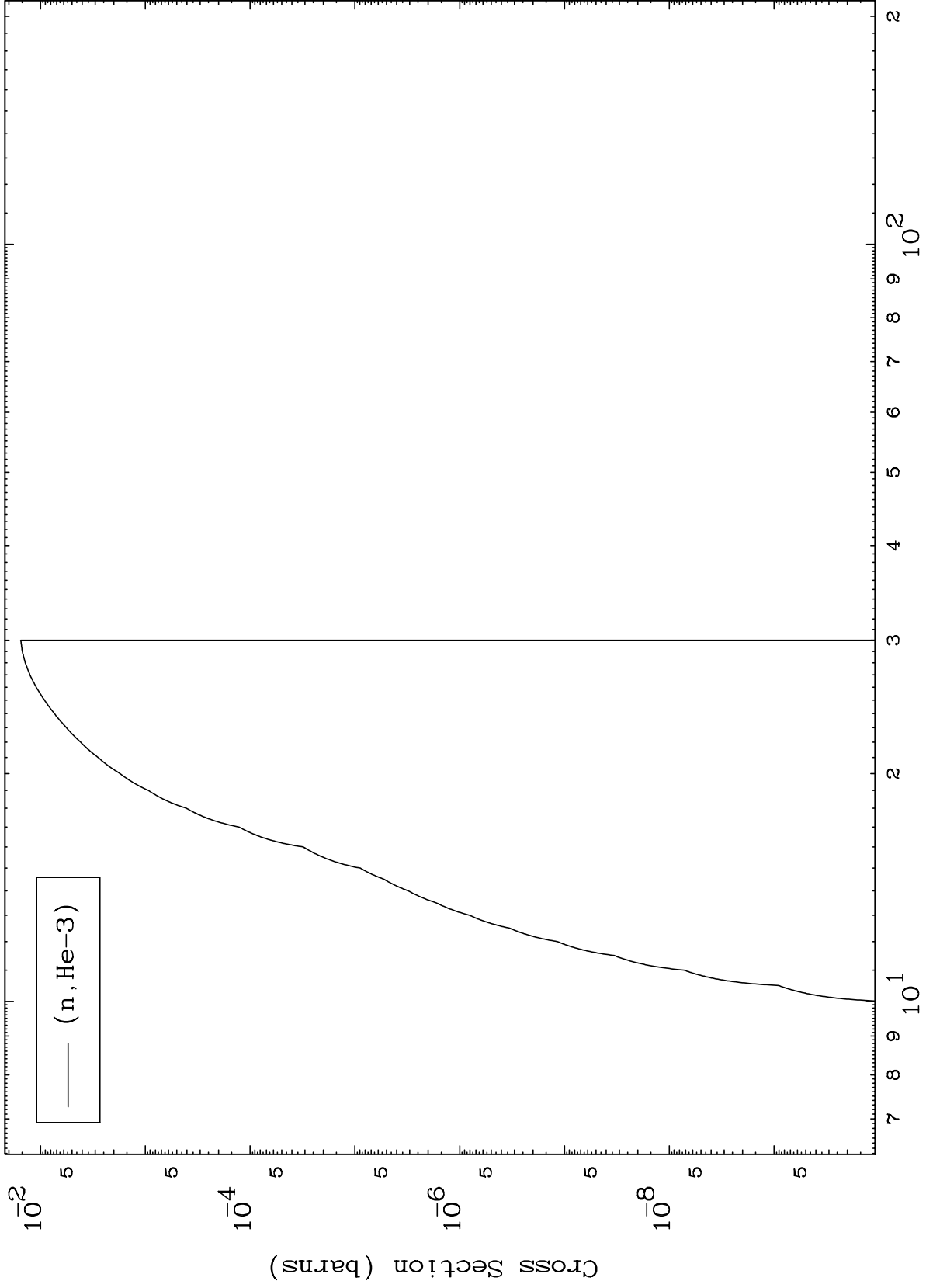
28-Ni-58



MAT 2825

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-58



12

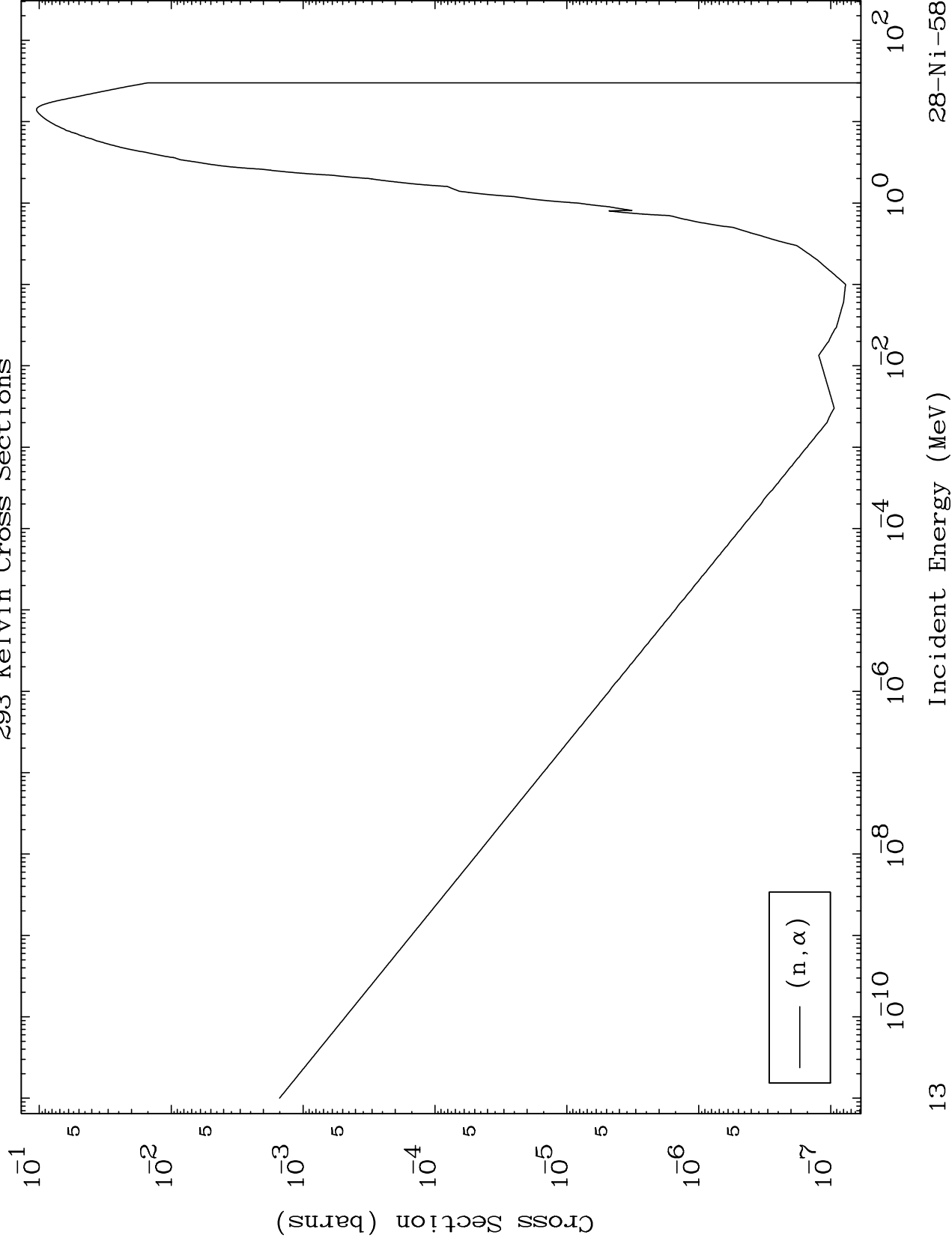
Incident Energy (MeV)

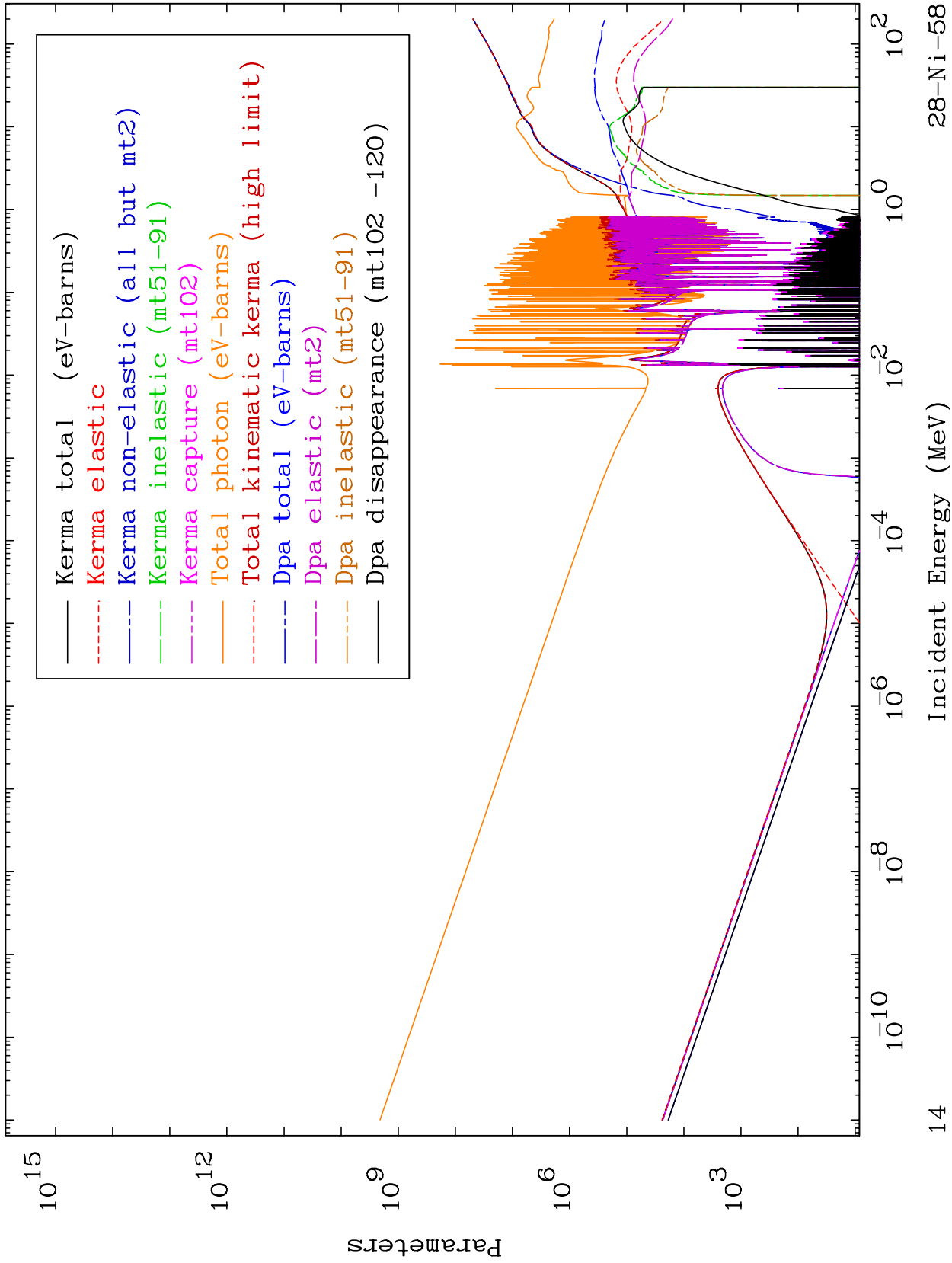
28-Ni-58

MAT 2825

(n,α) Levels  
293 Kelvin Cross Sections

28-Ni-58

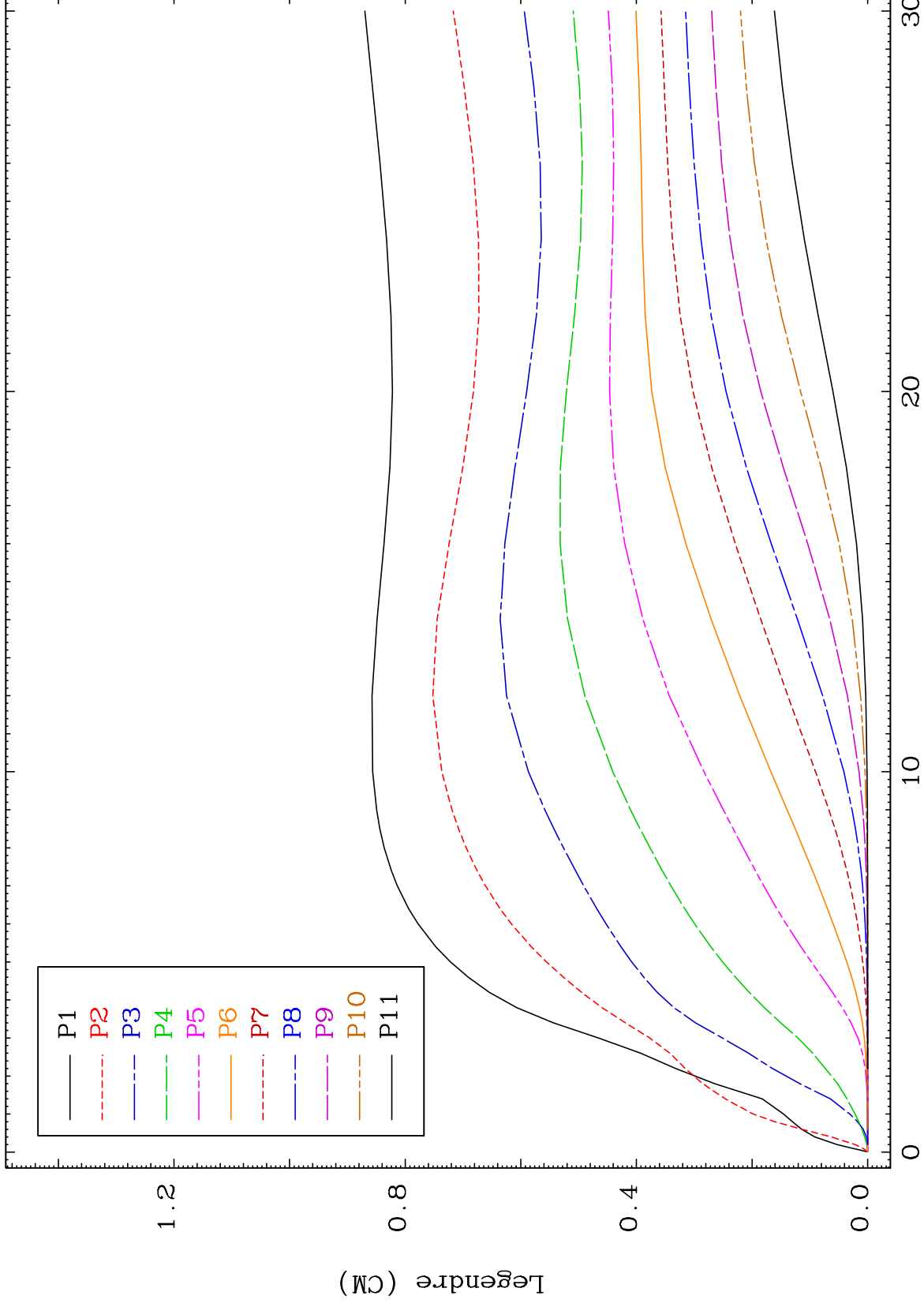




MAT 2825

Elastic Legendre Coefficients

<sup>28</sup>Ni-58

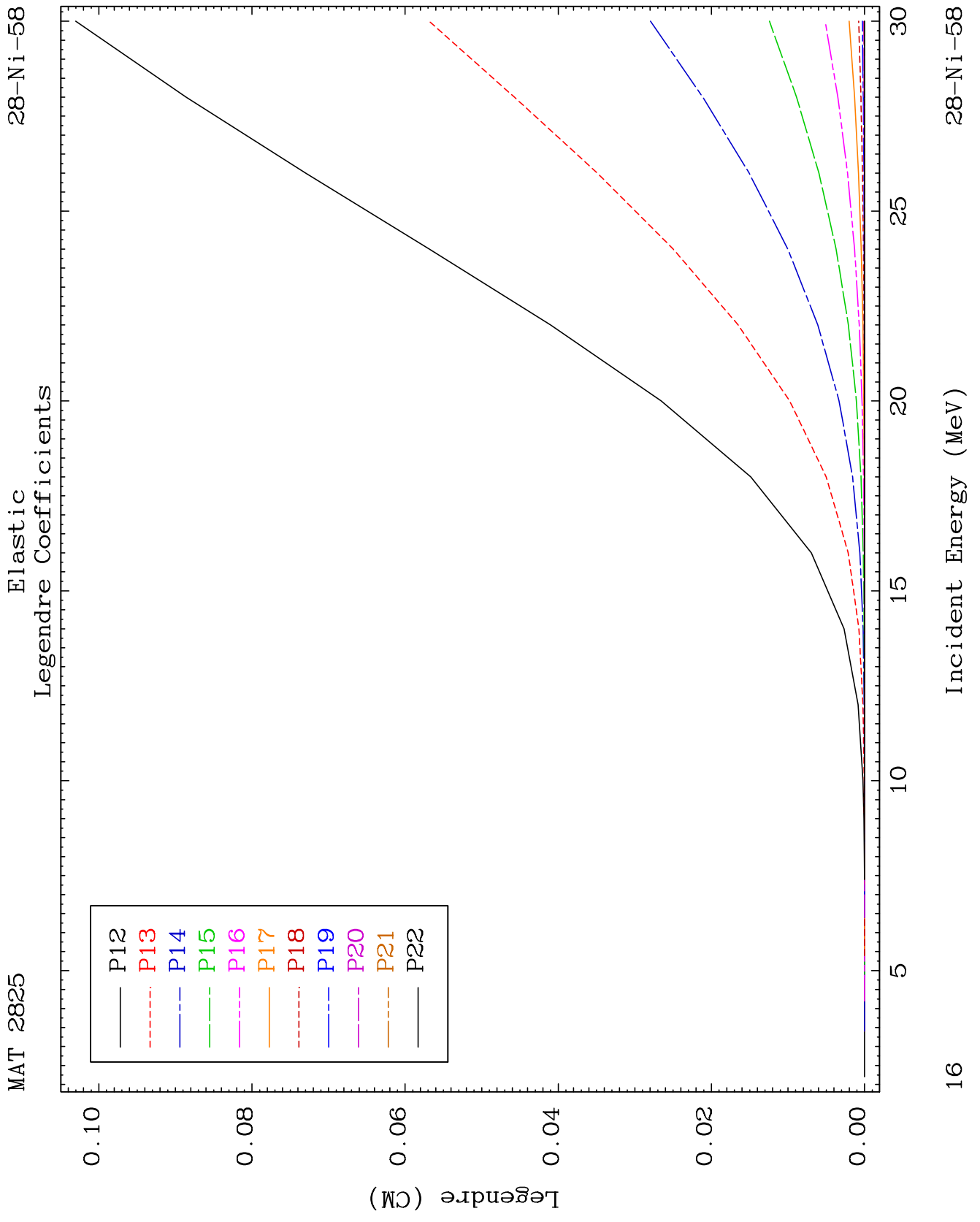


15

Incident Energy (MeV)

<sup>28</sup>Ni-58



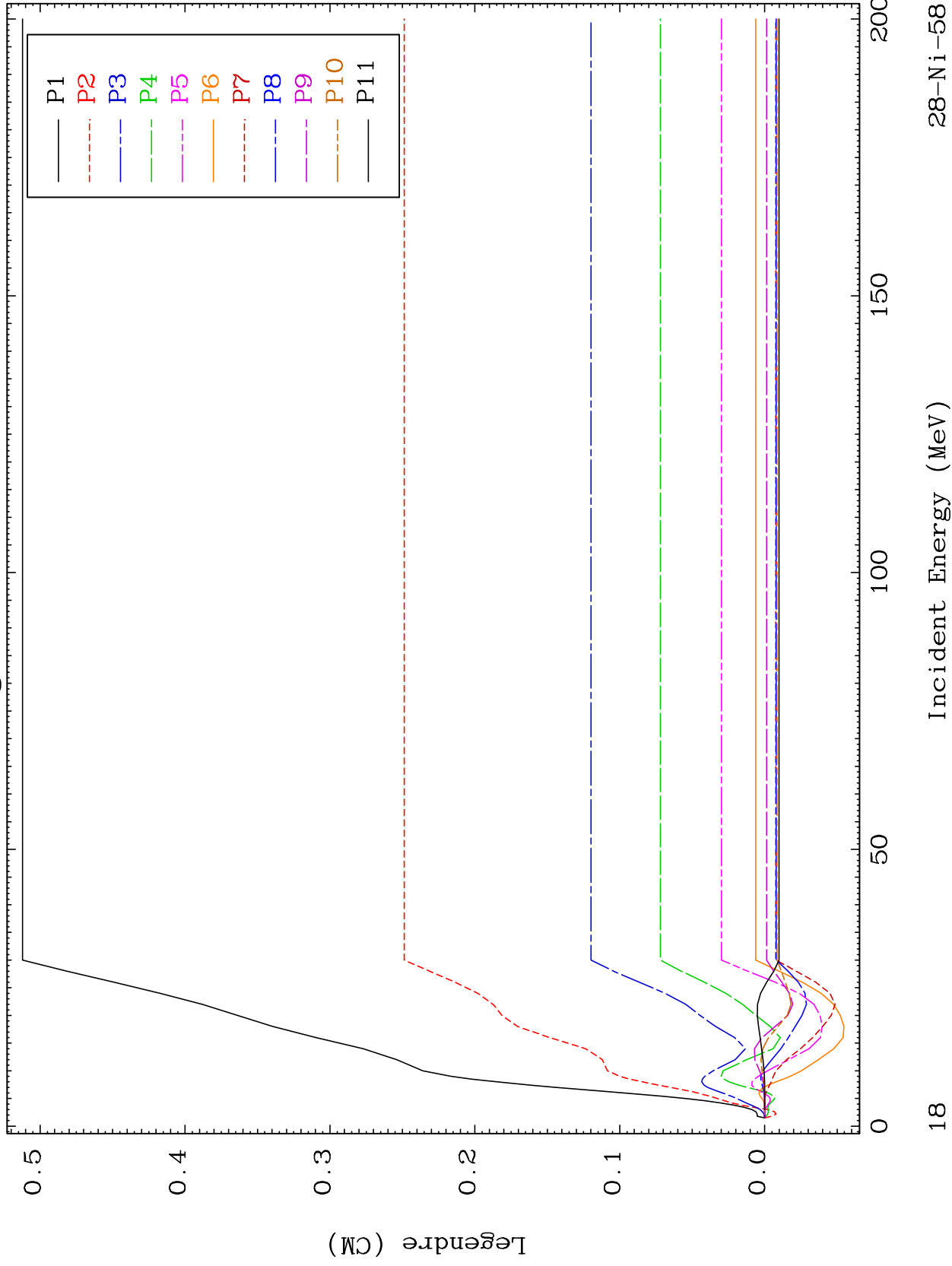




MAT 2825

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

28-Ni-58



28-Ni-58

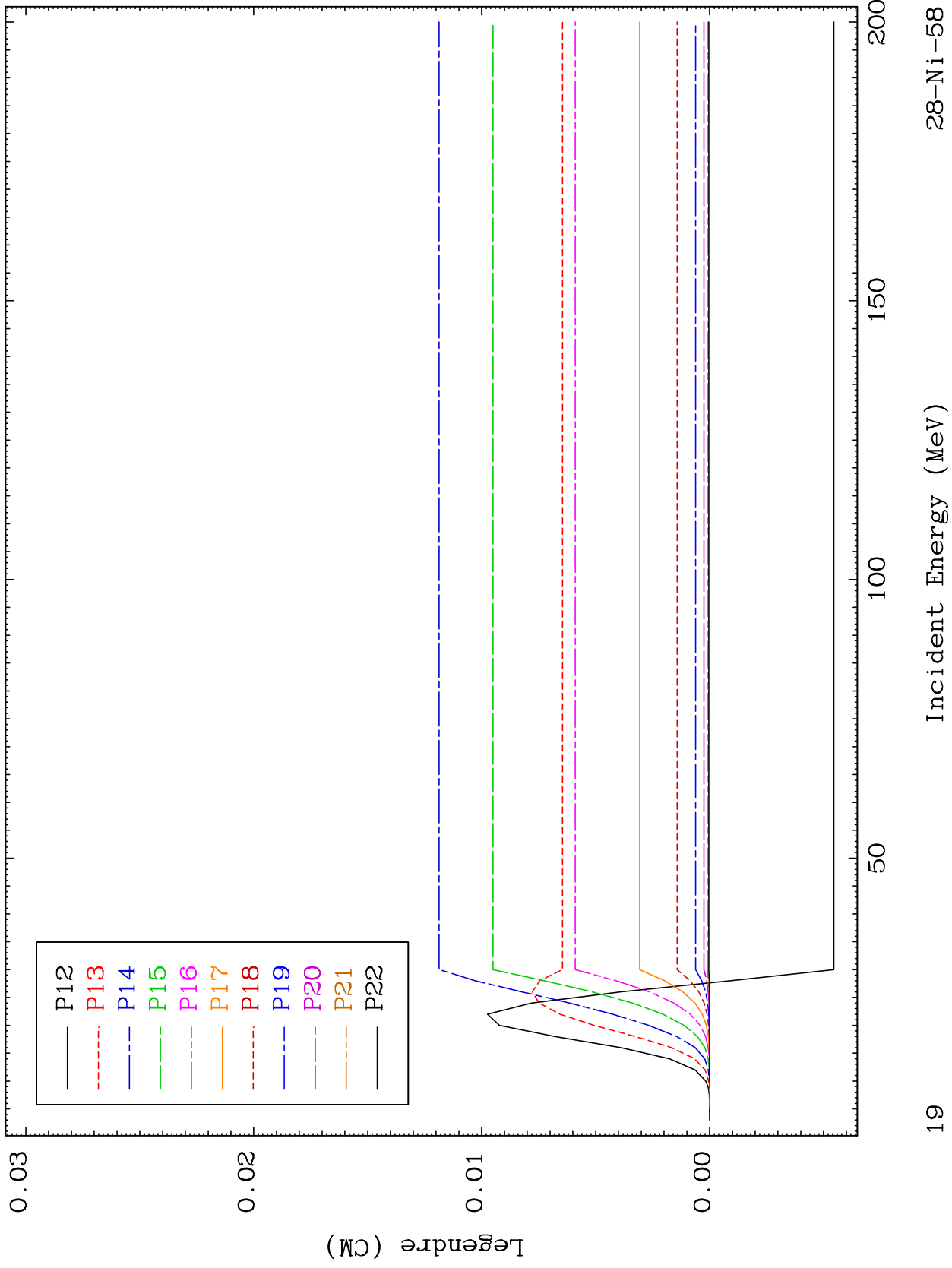
Incident Energy (MeV)

18

MAT 2825

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

28-Ni-58



19

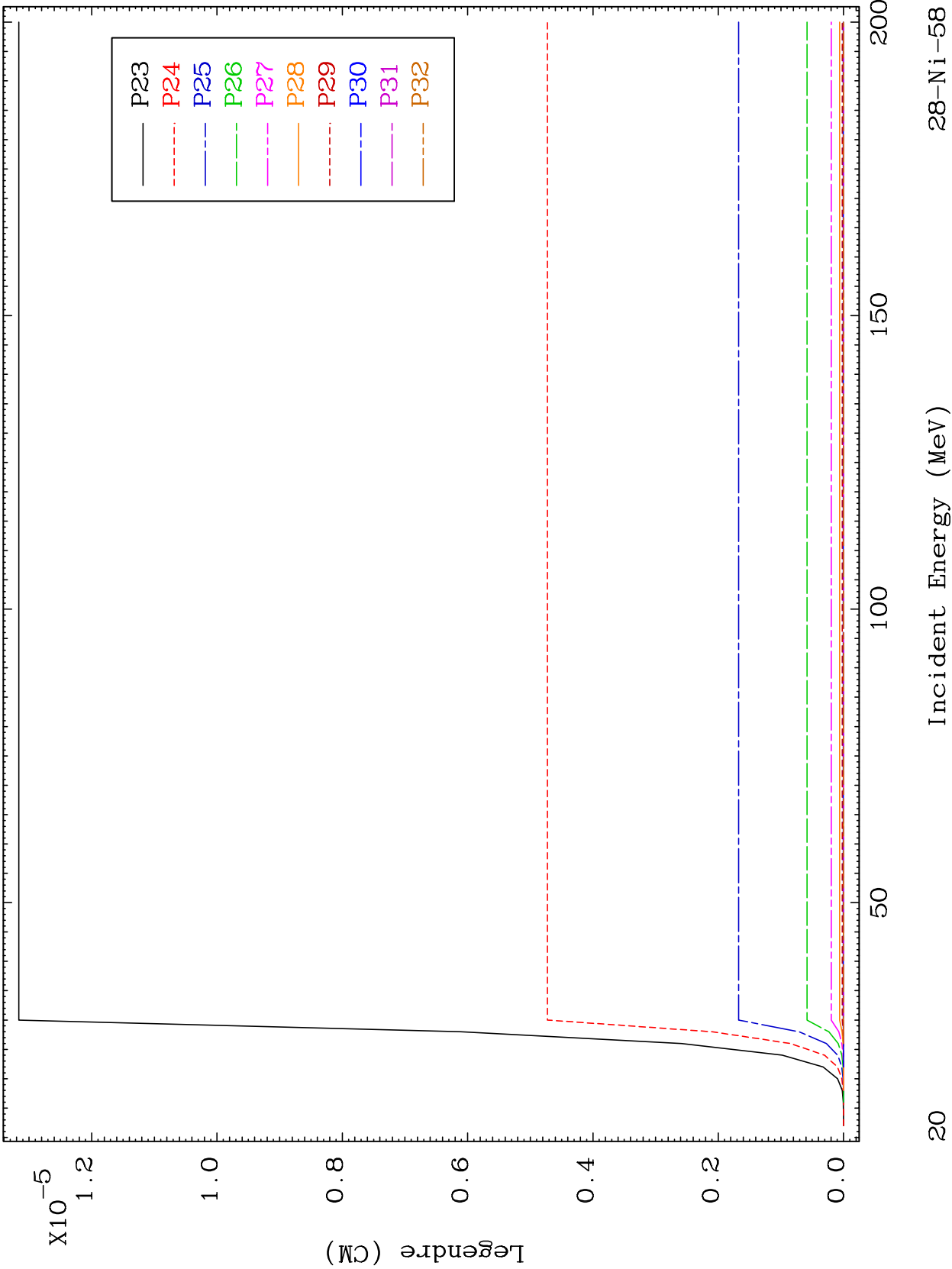
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58

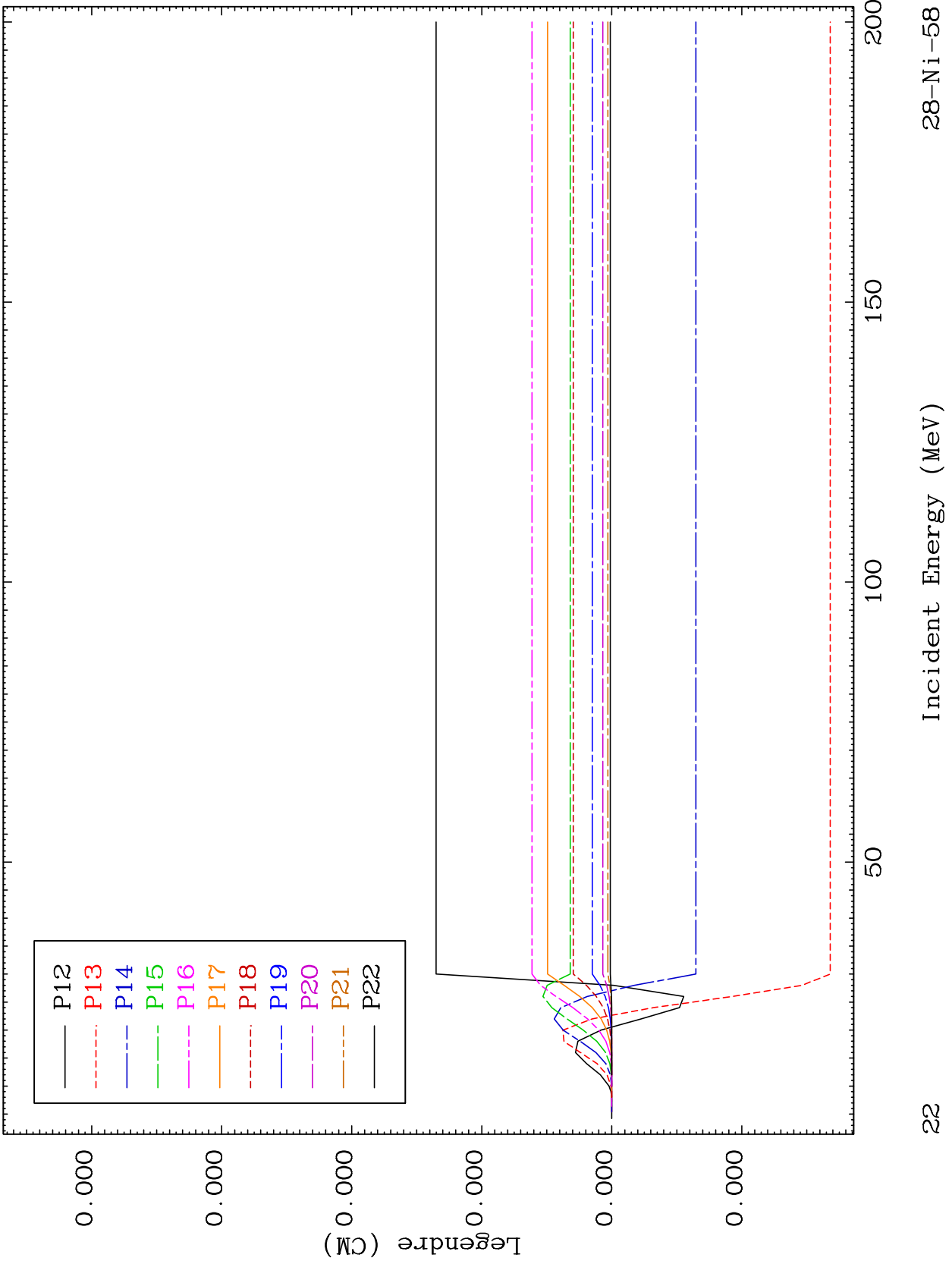




MAT 2825

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

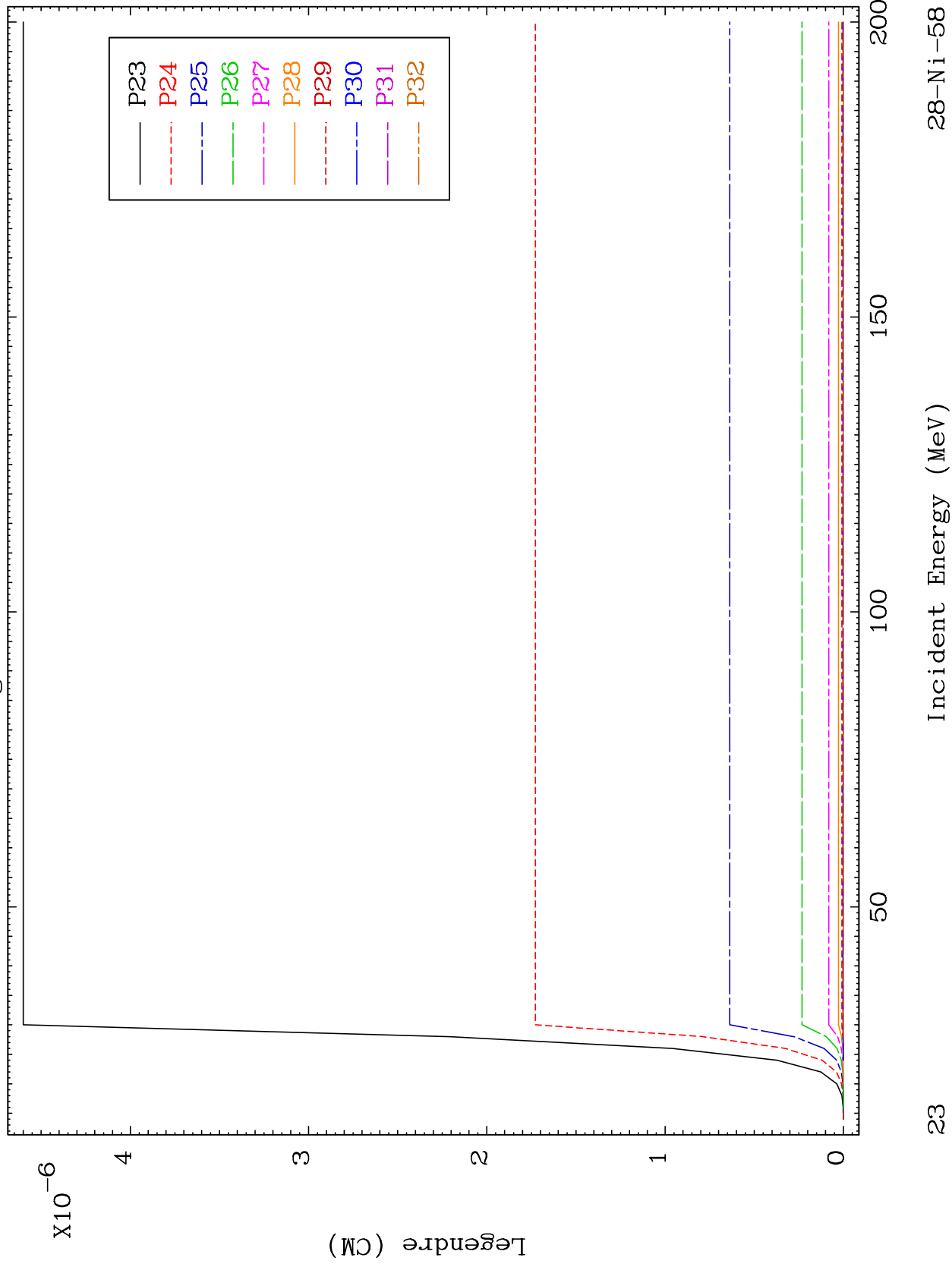
28-Ni-58



MAT 2825

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

28-Ni-58



23

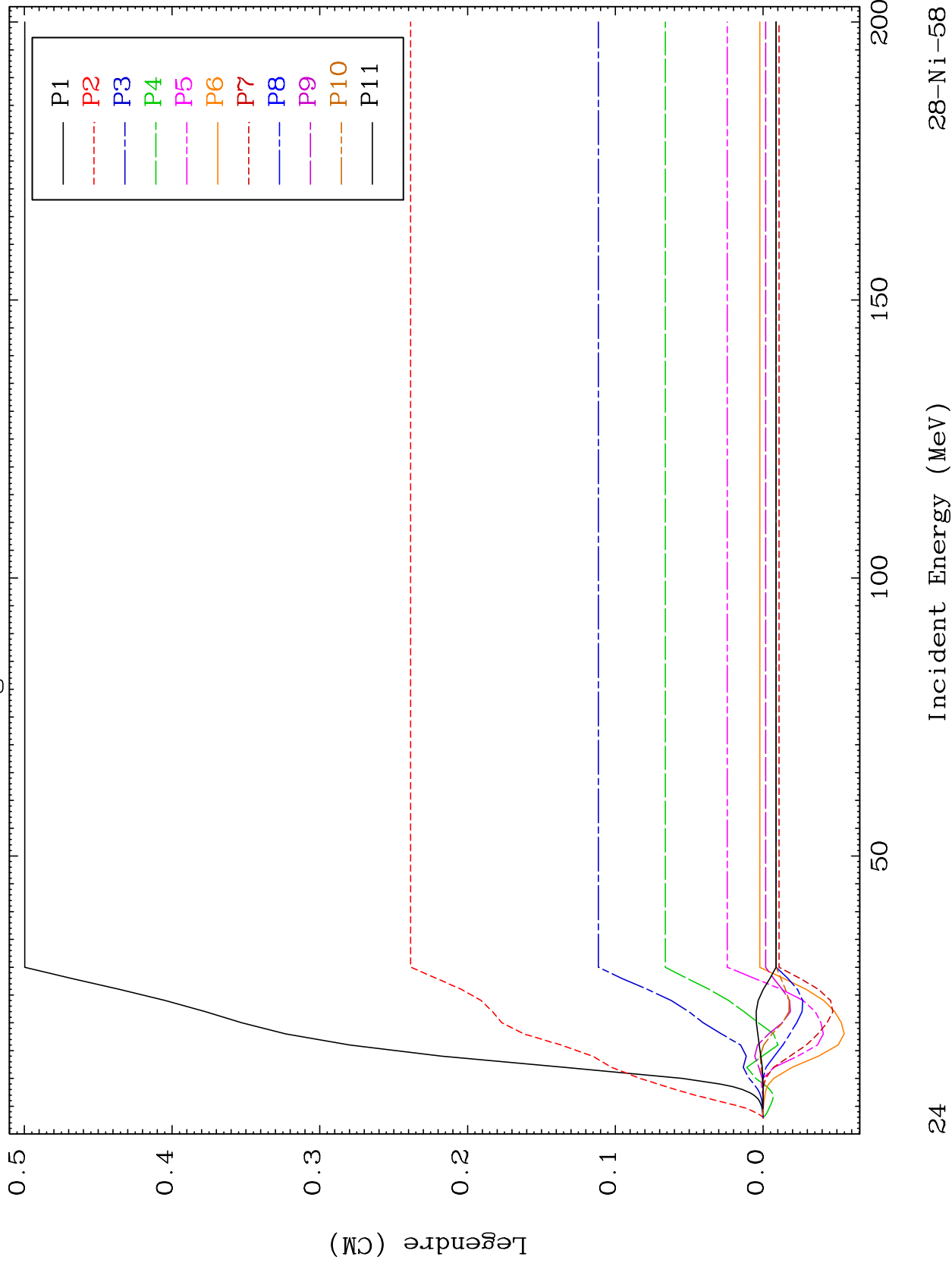
28-Ni-58



MAT 2825

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

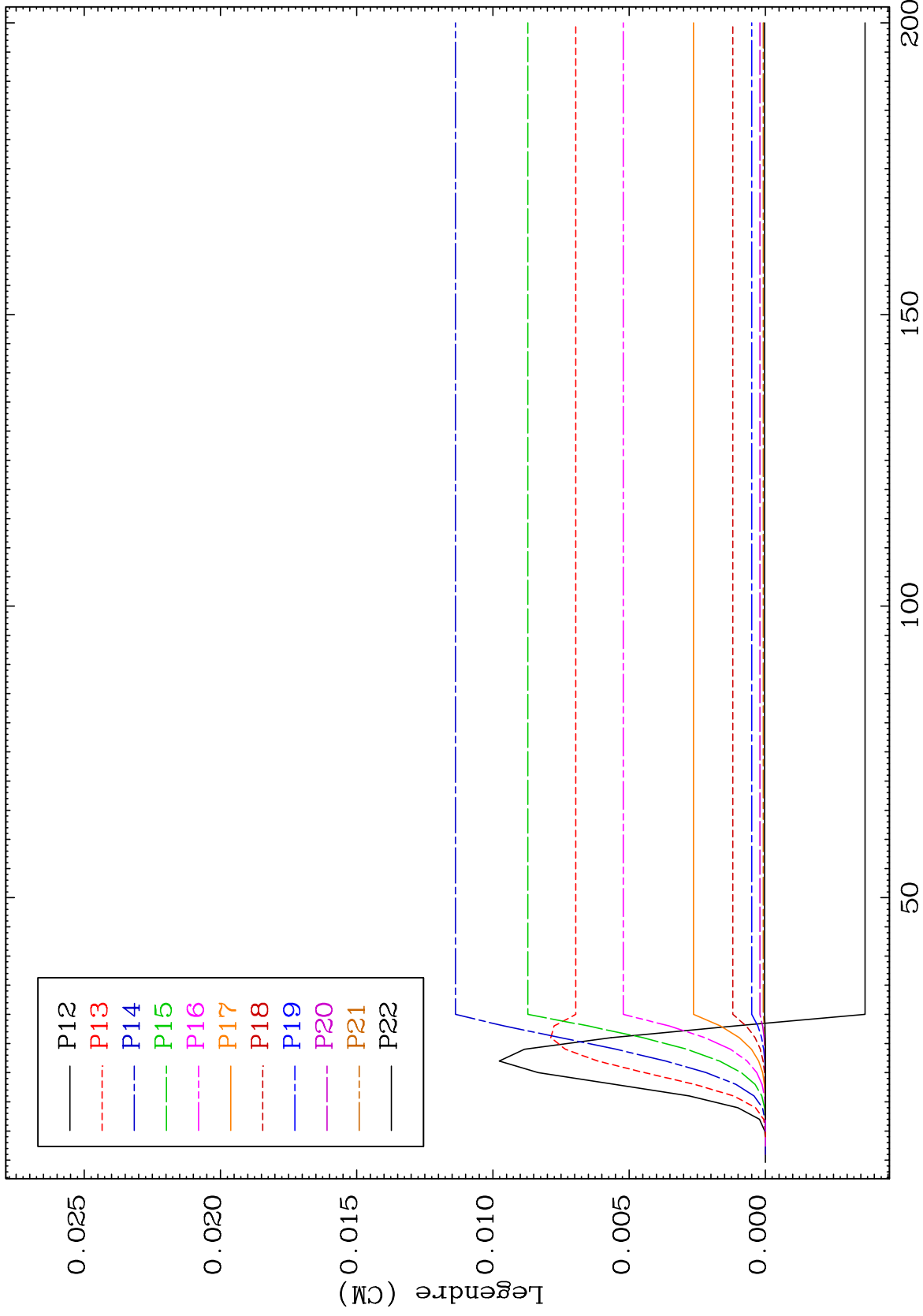
28-Ni-58



24

Incident Energy (MeV)

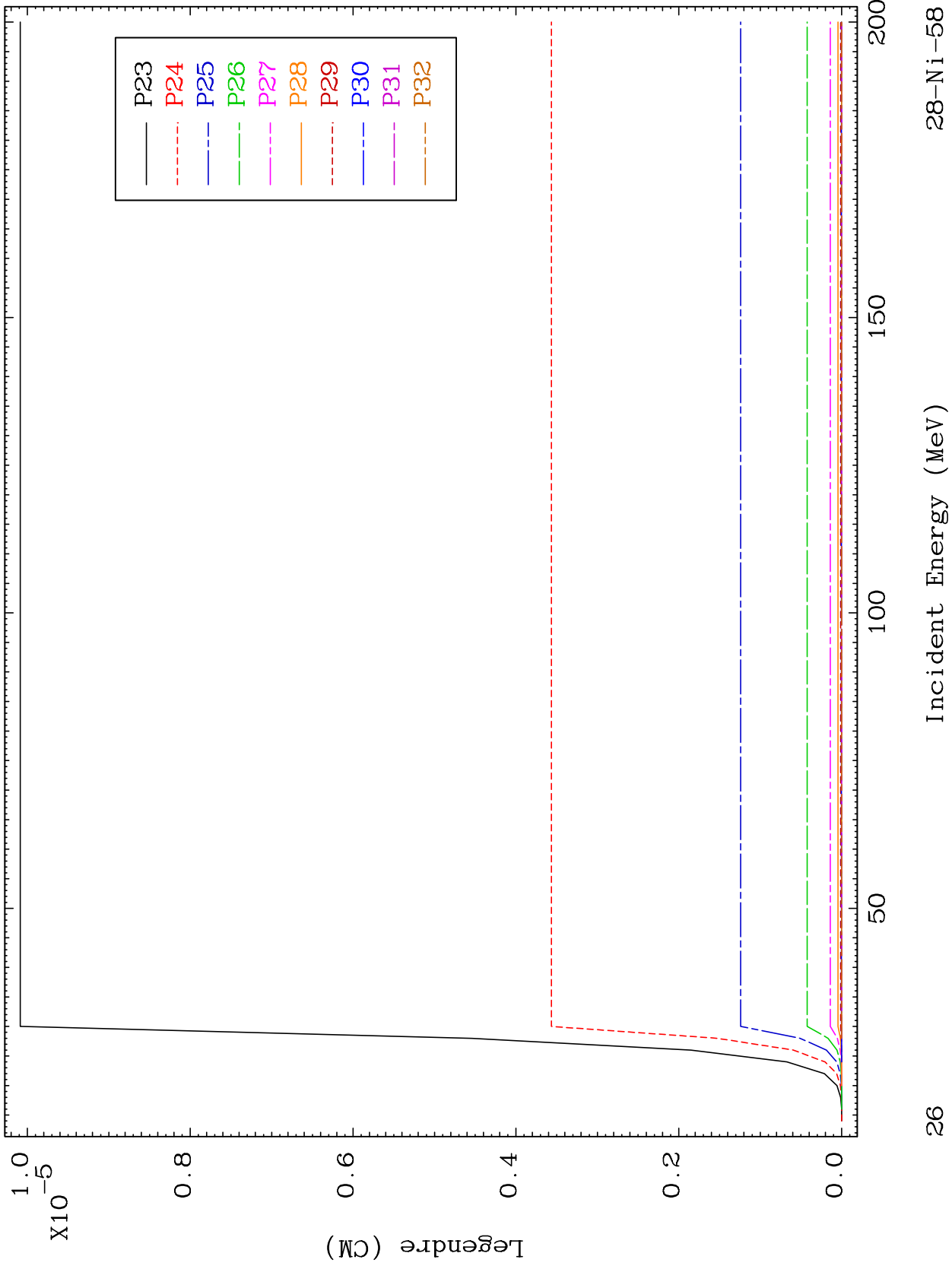
28-Ni-58



MAT 2825

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

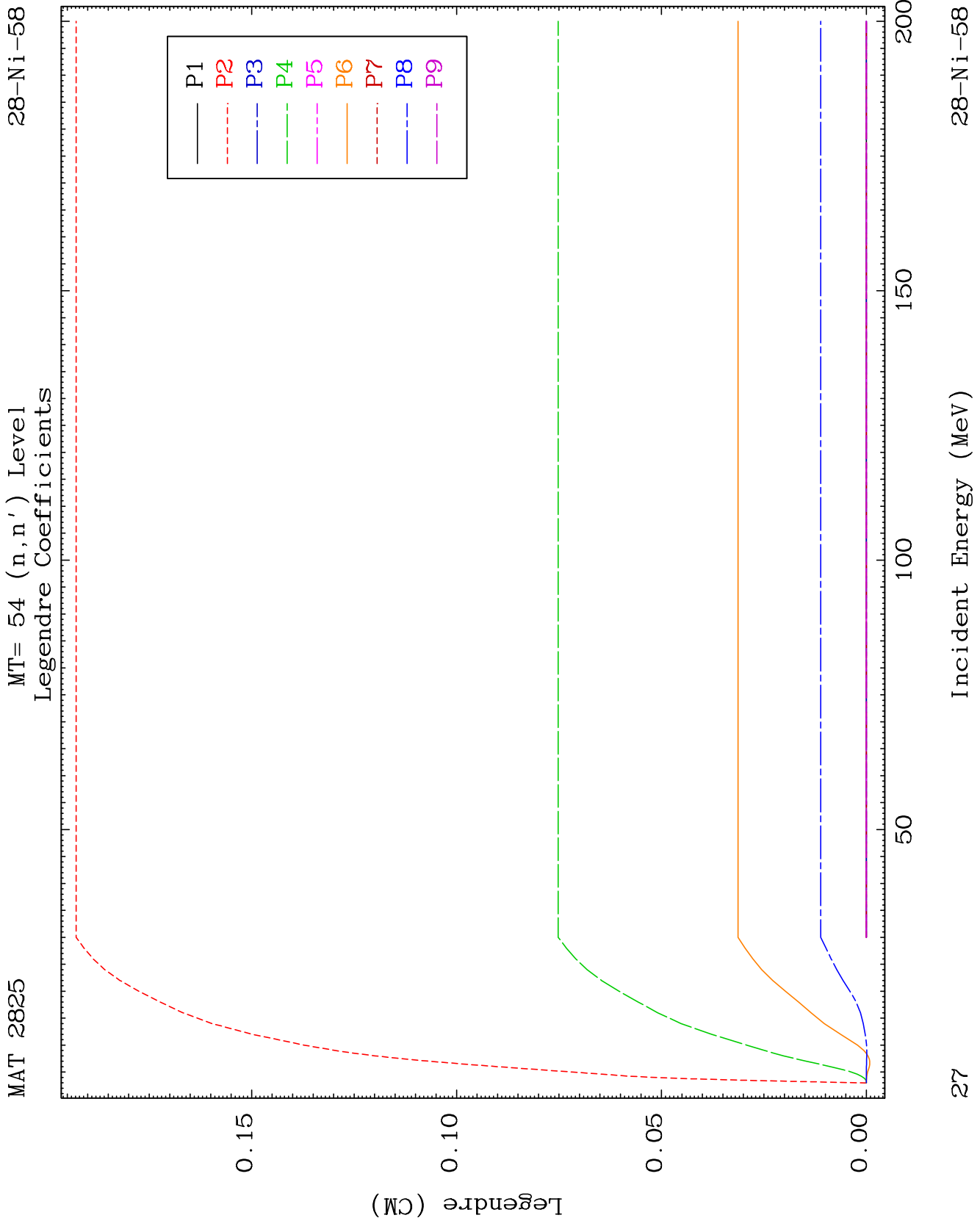
28-Ni-58



26

Incident Energy (MeV)

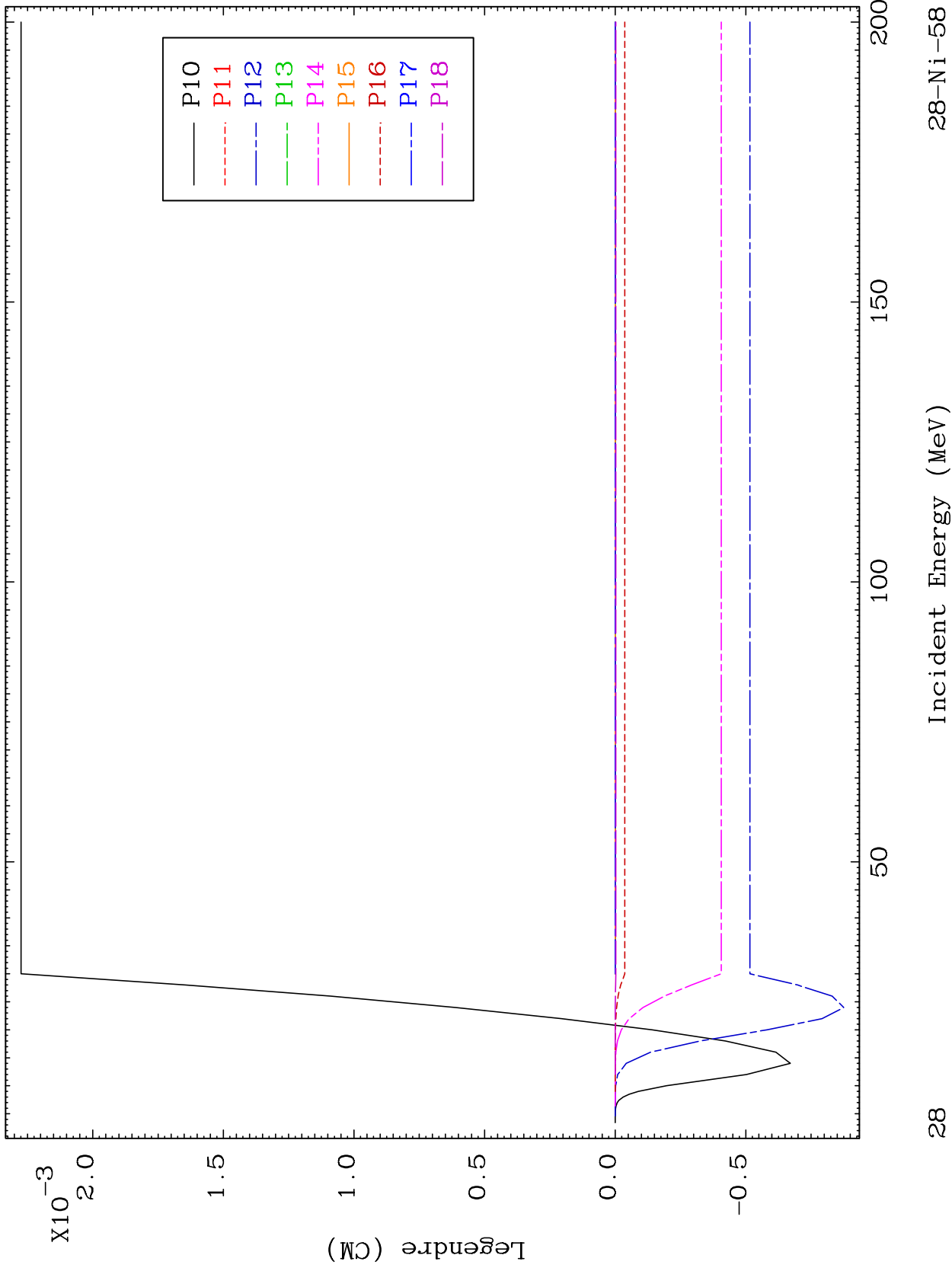
28-Ni-58



MAT 2825

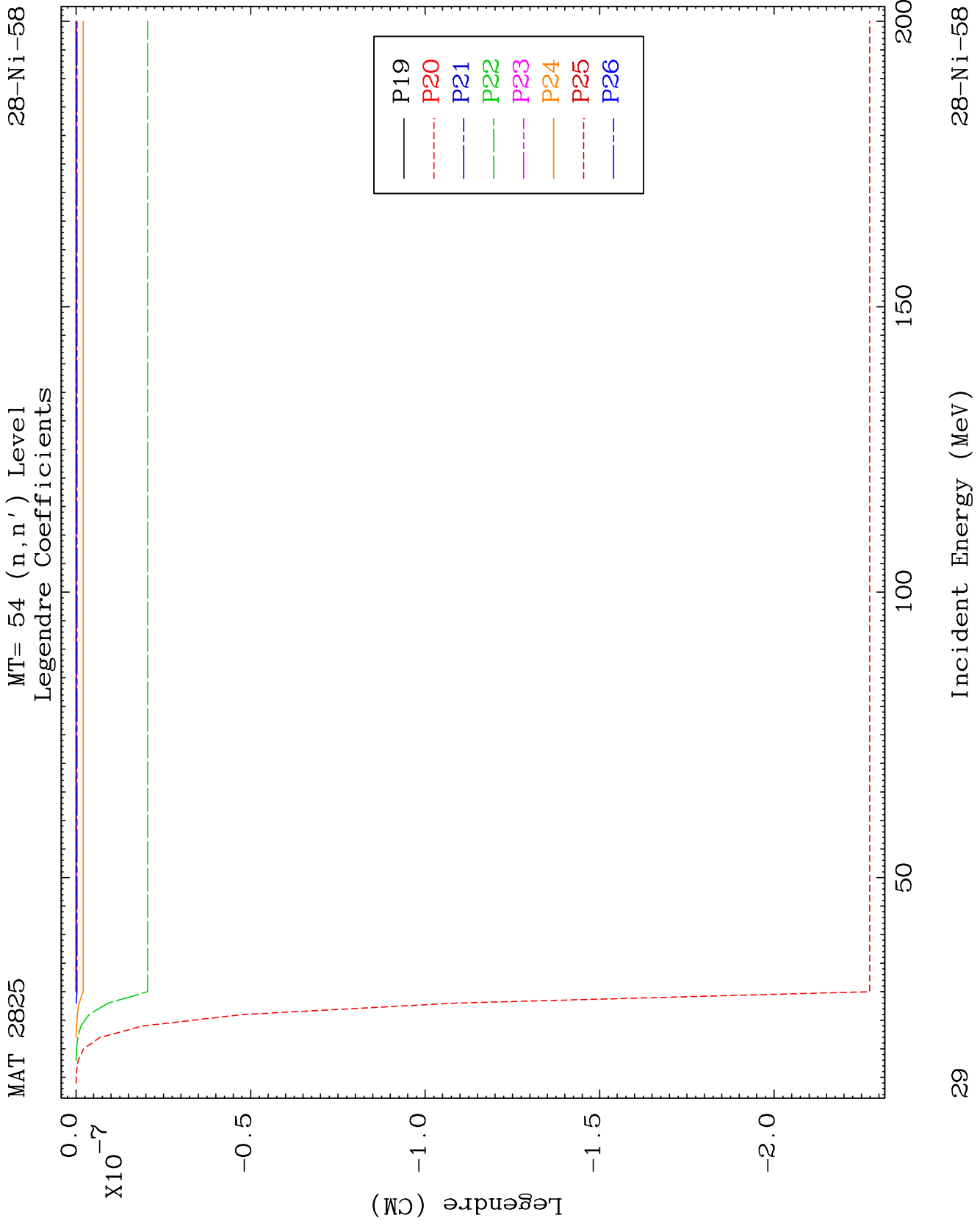
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Legendre Coefficients

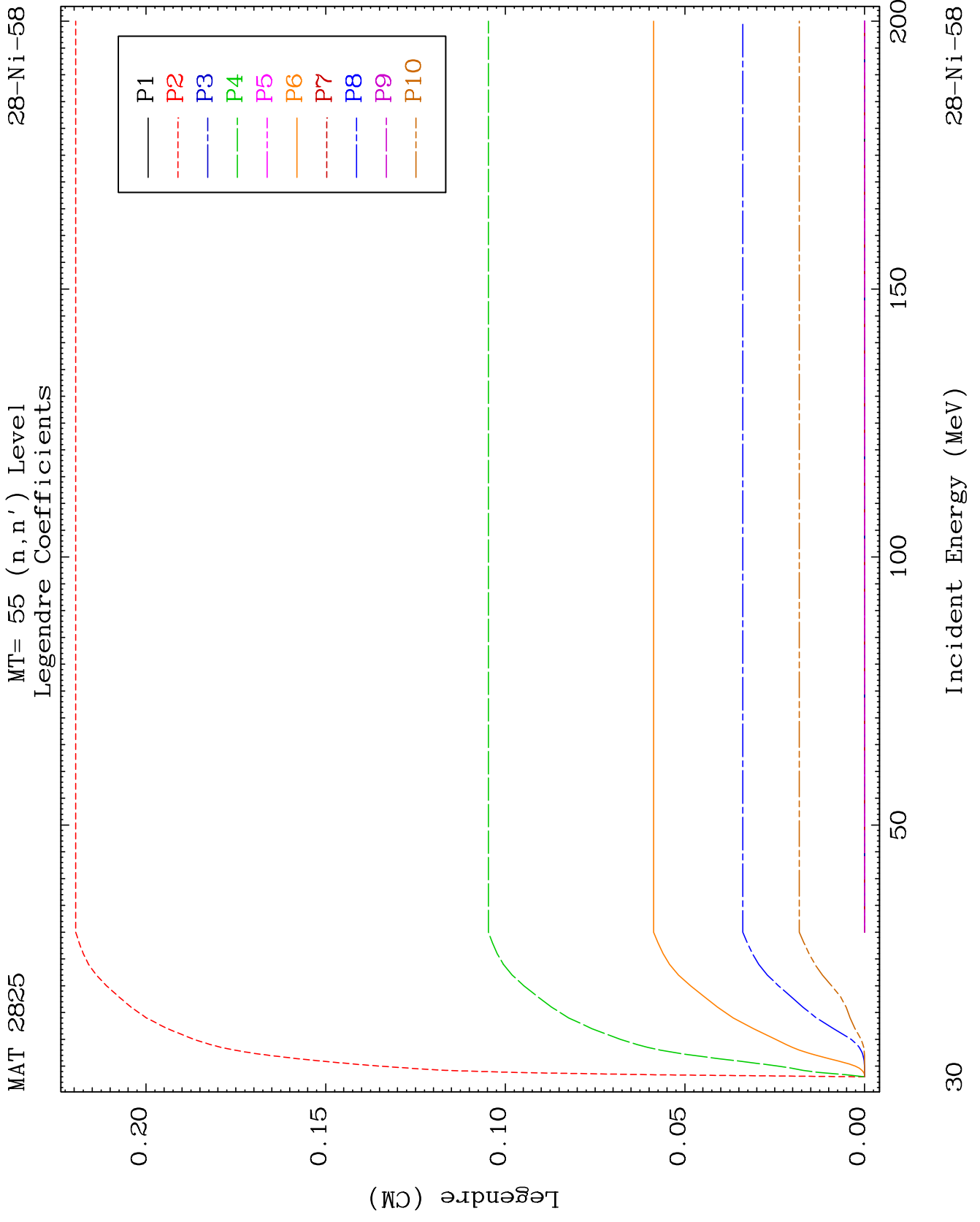
28-Ni-58

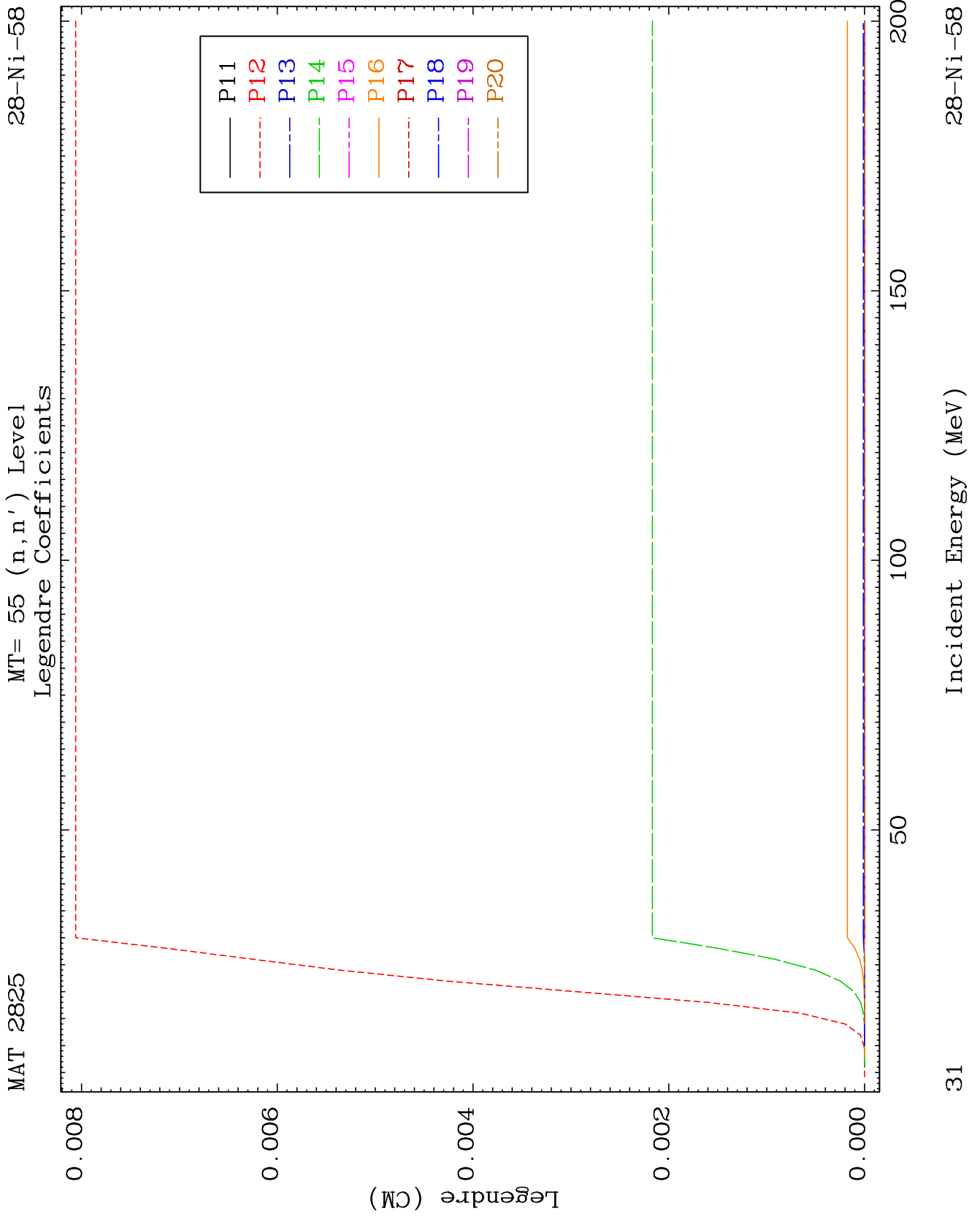


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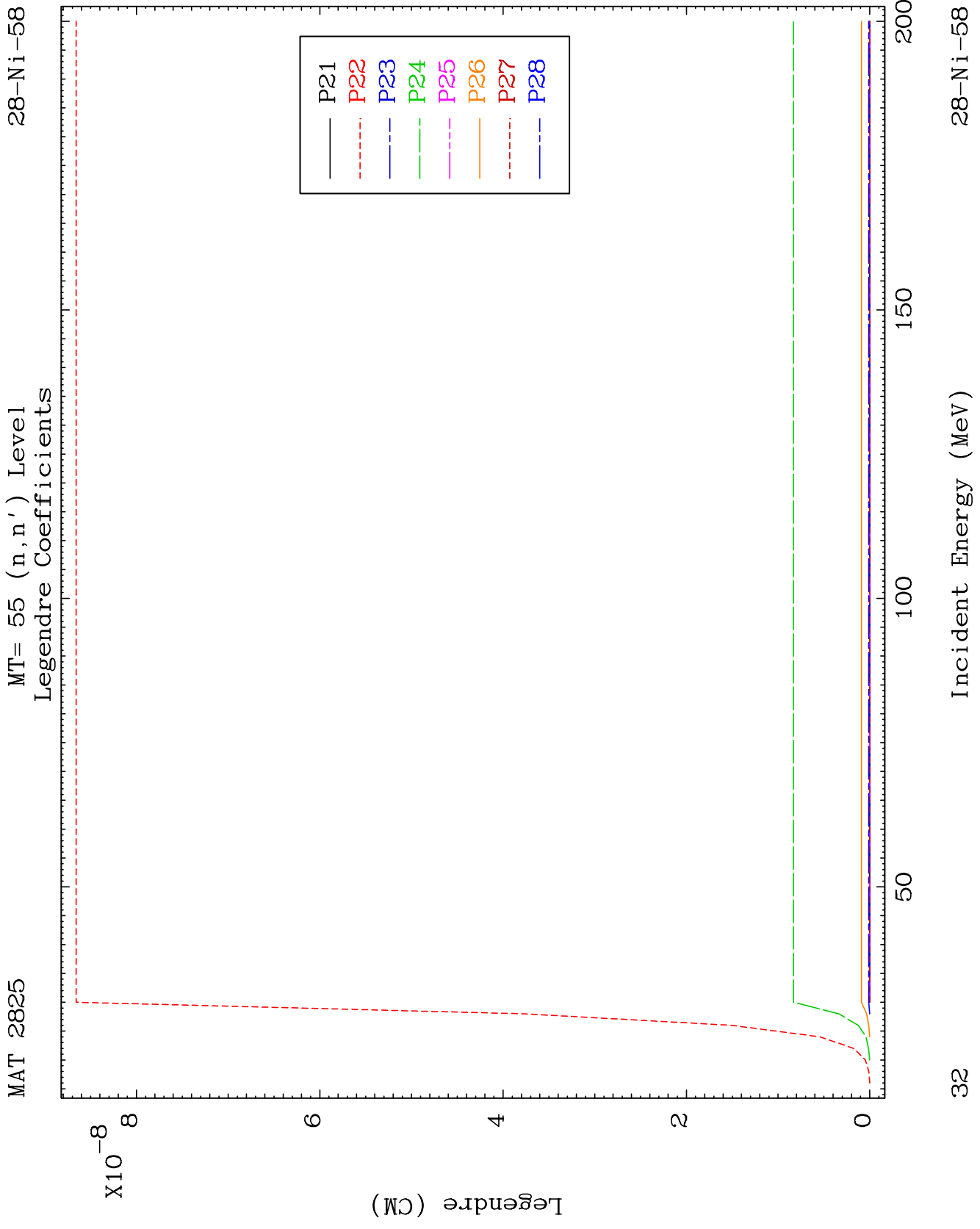
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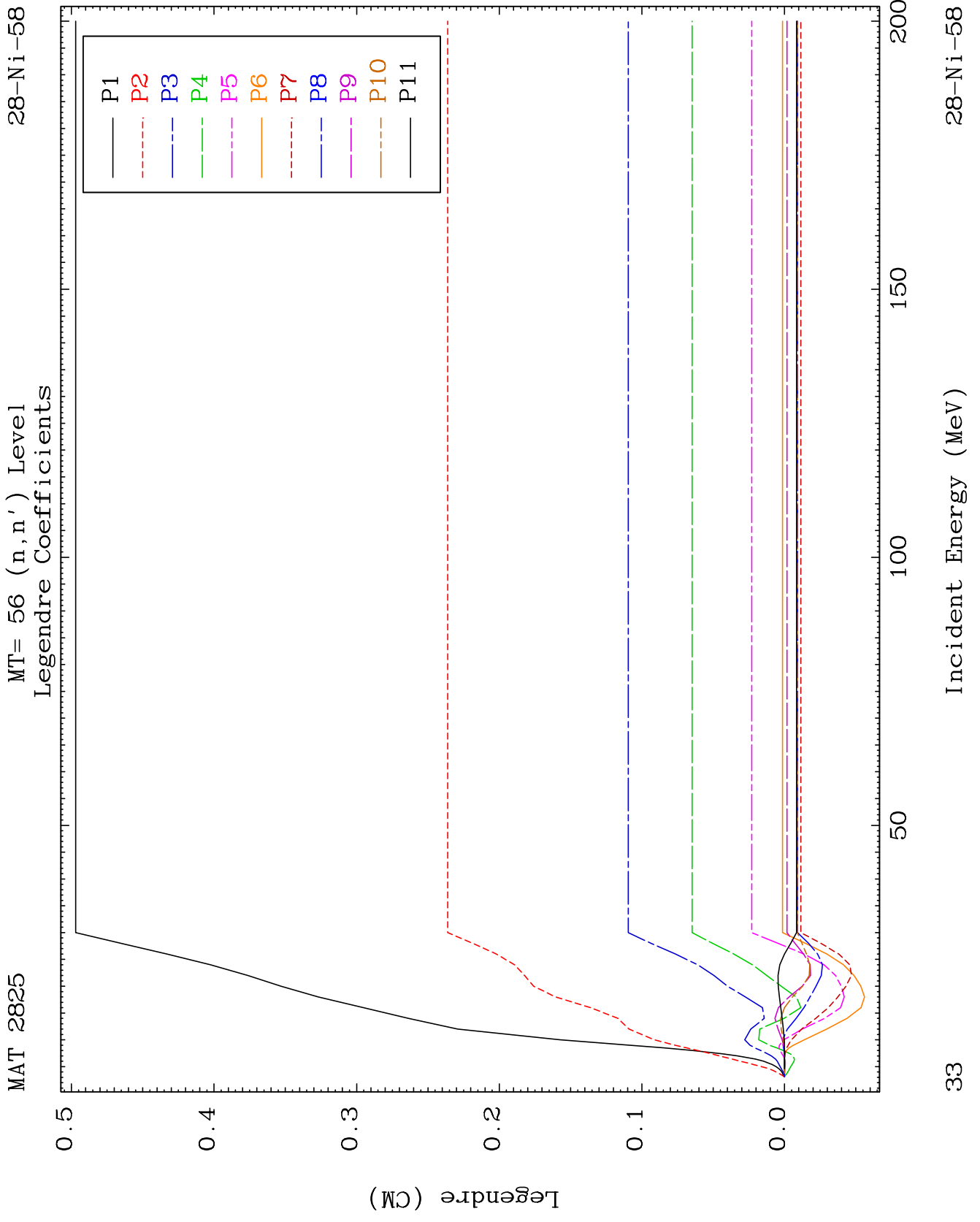


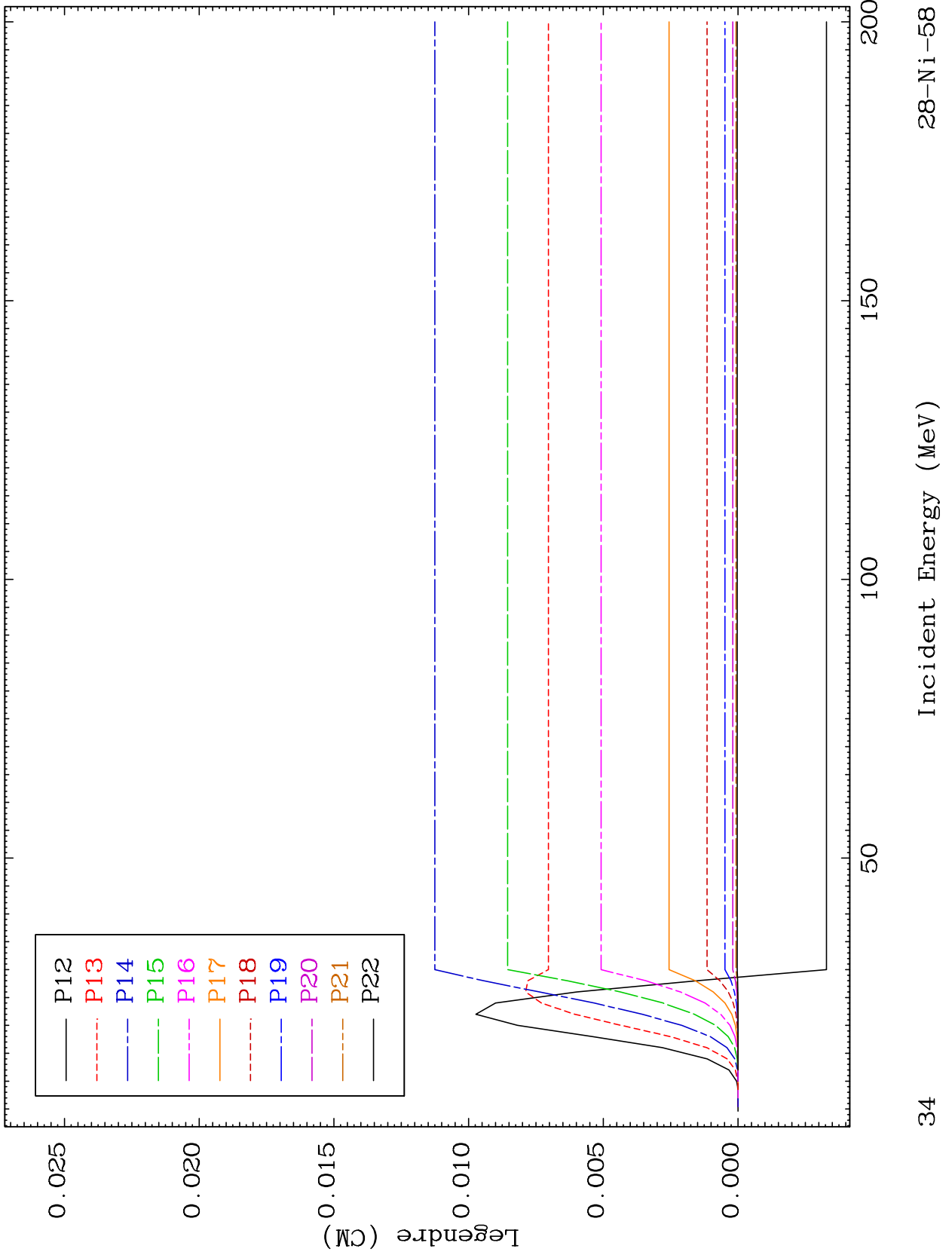




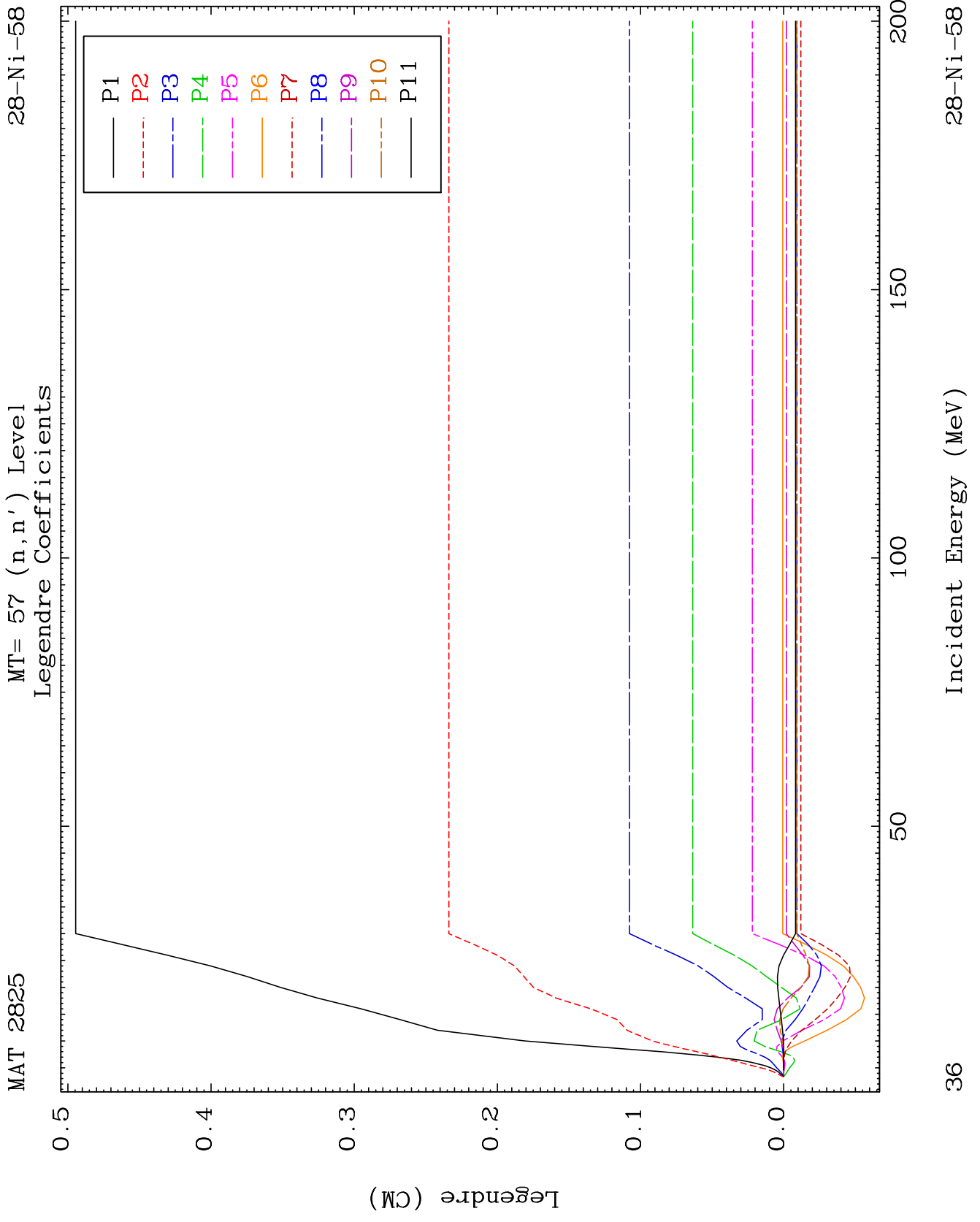


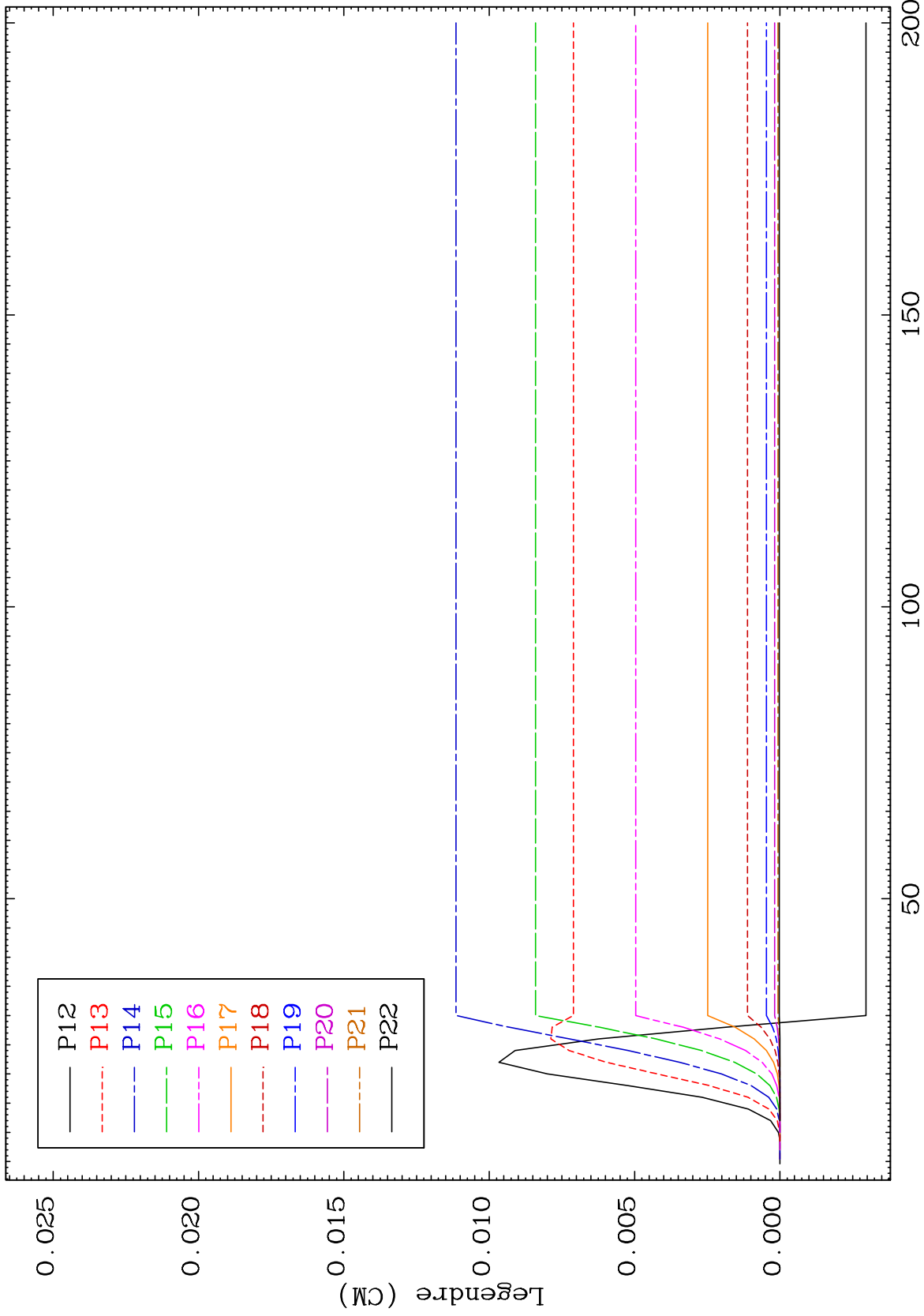








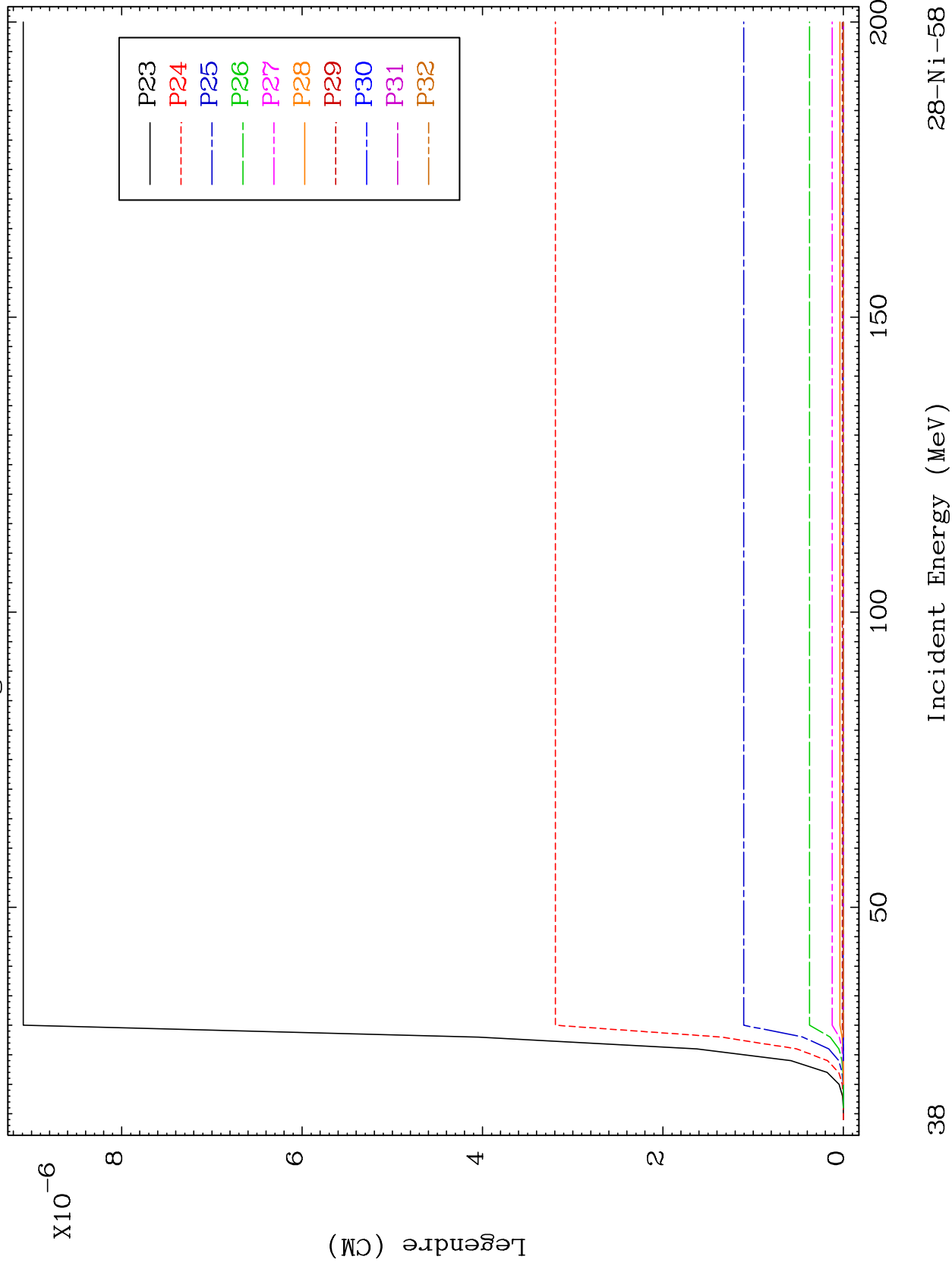


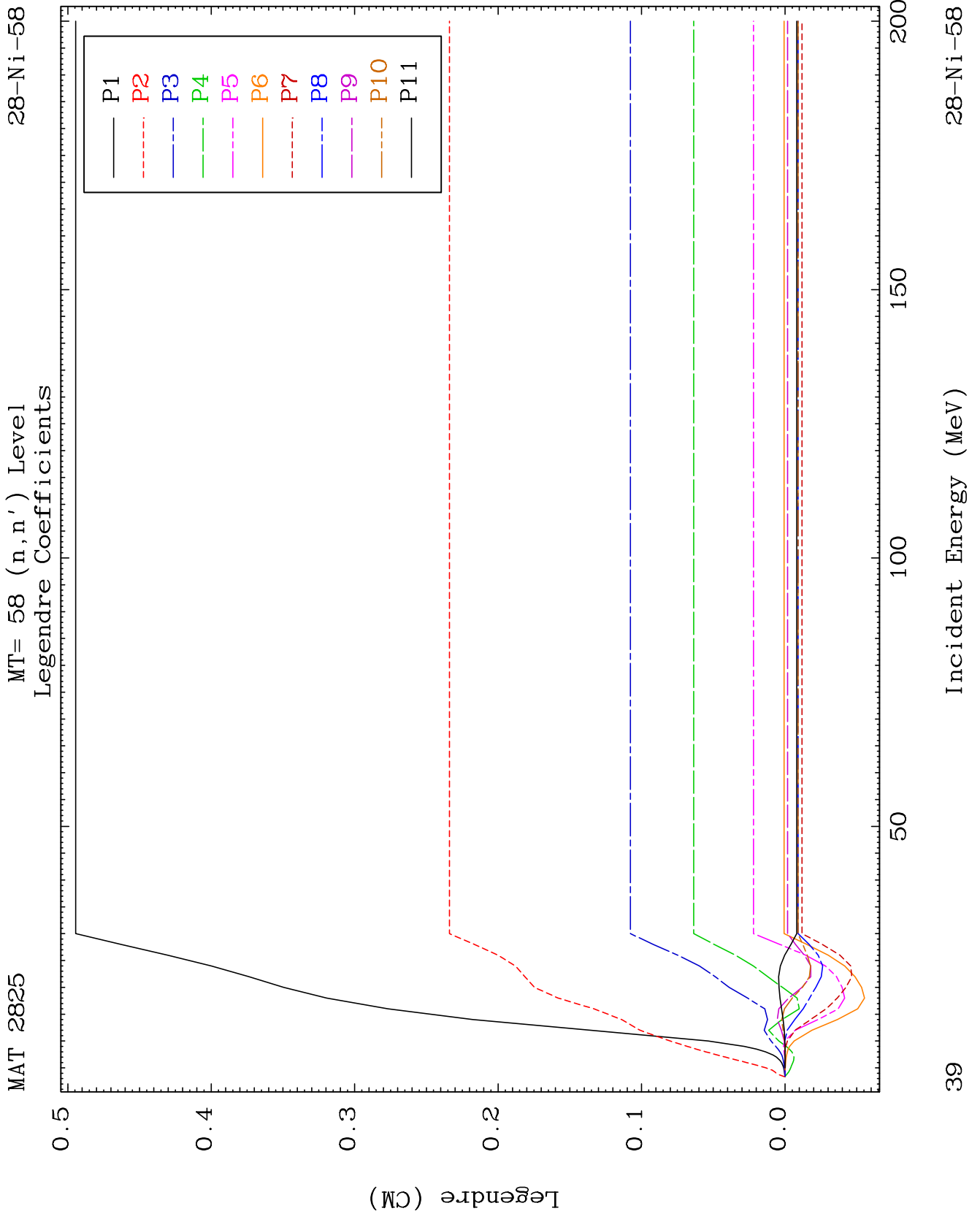


MAT 2825

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

28-Ni-58



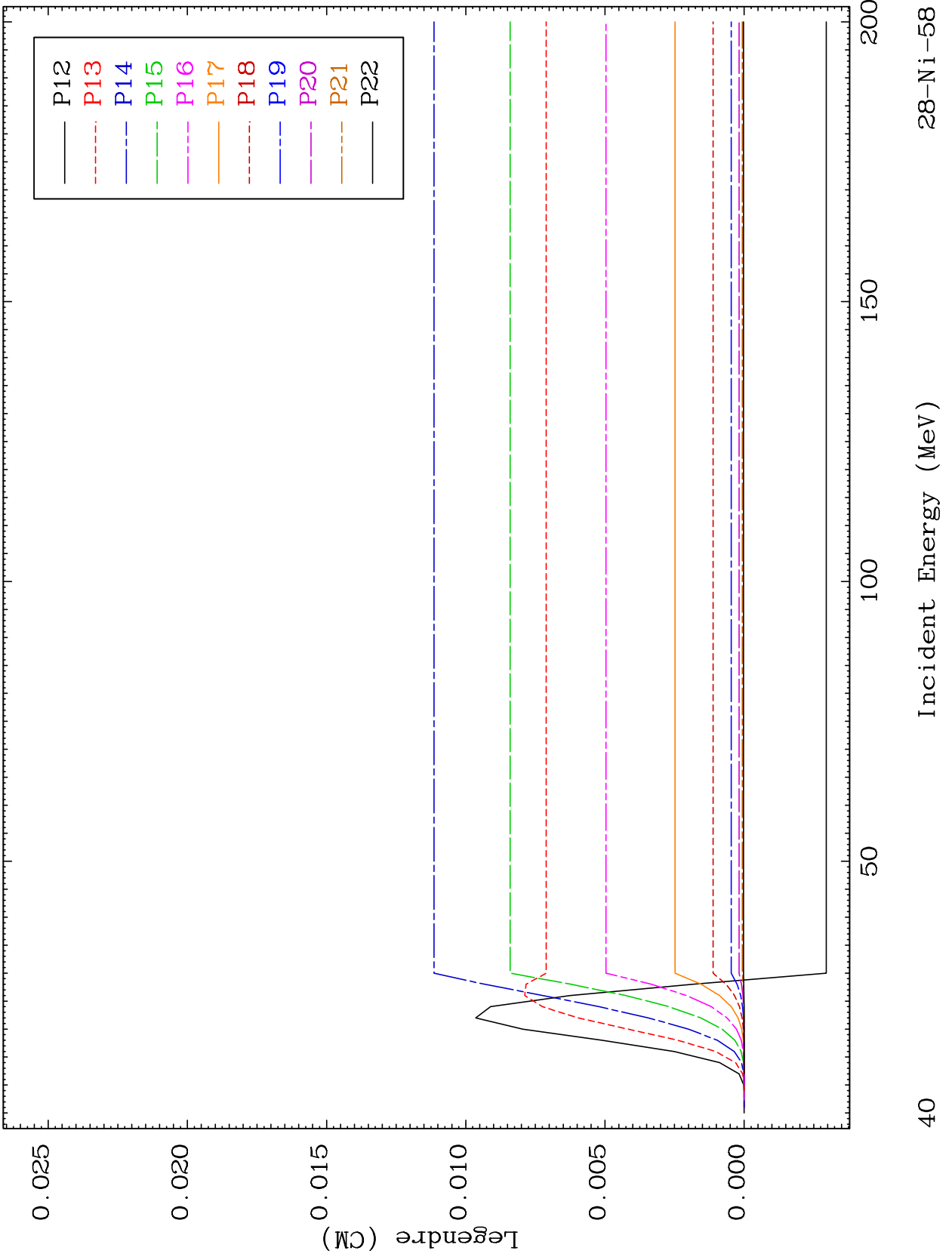




MAT 2825

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

28-Ni-58



40

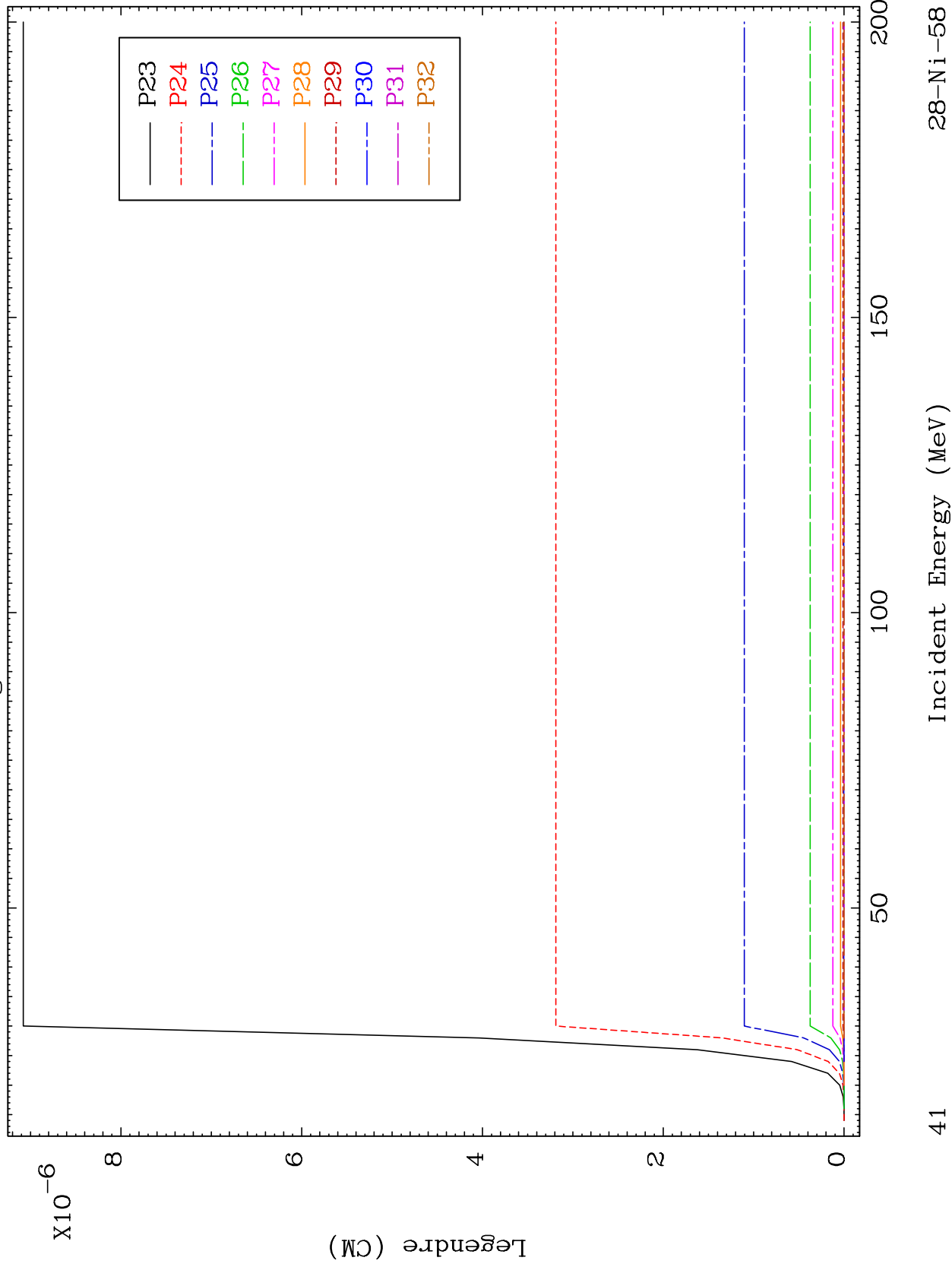
Incident Energy (MeV)

28-Ni-58

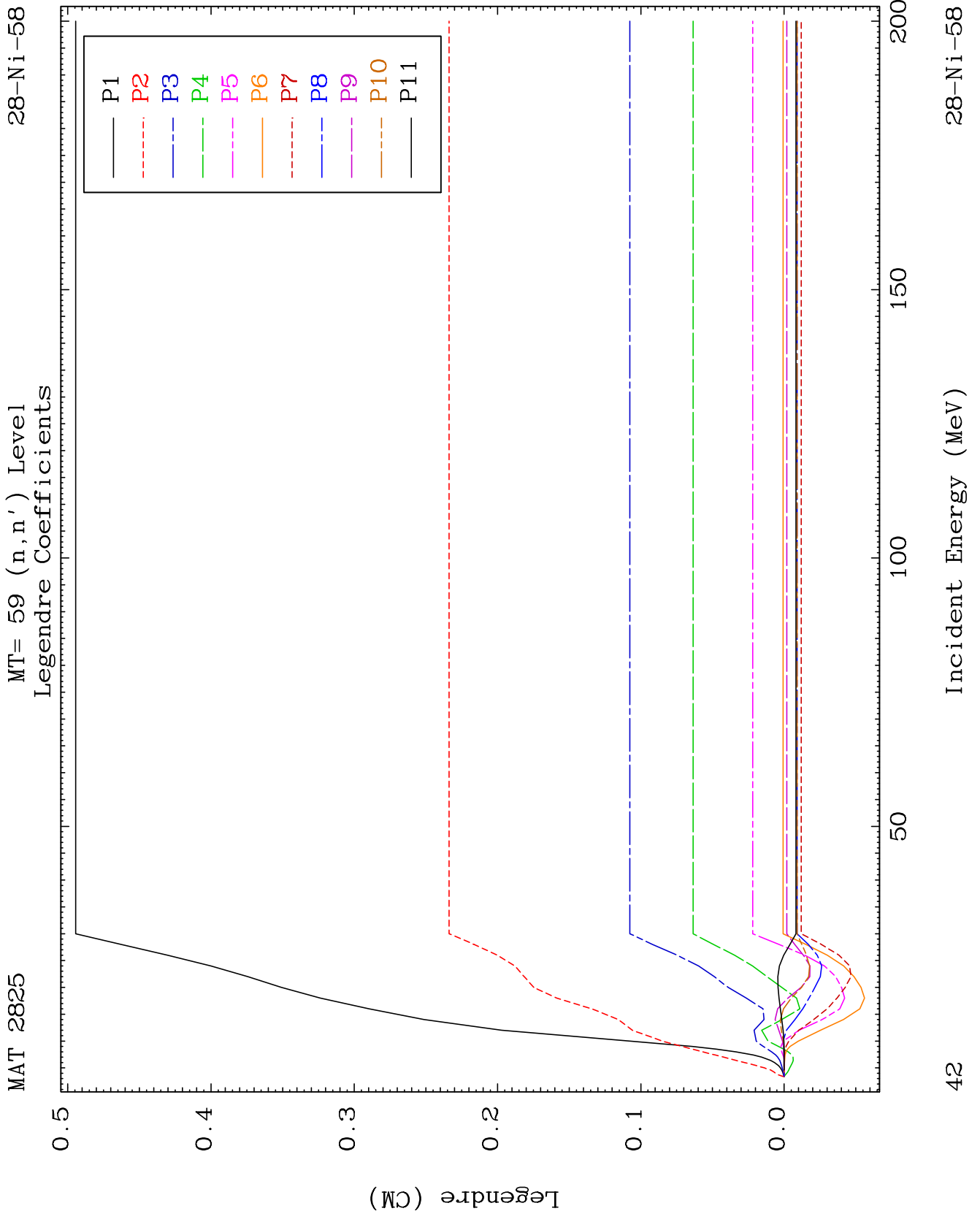
MAT 2825

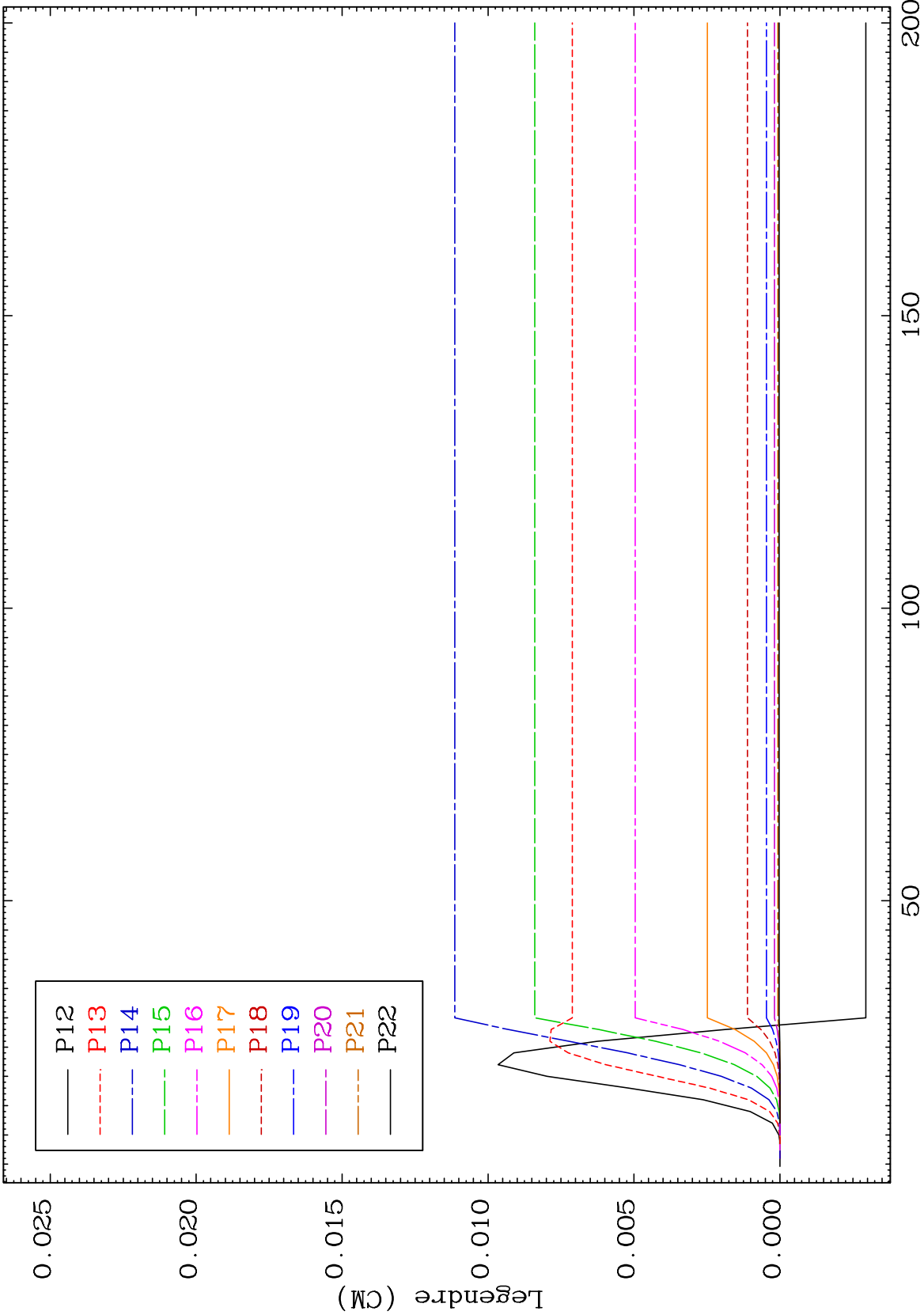
MT= 58 (n,n') Level  
Legendre Coefficients

28-Ni-58



41

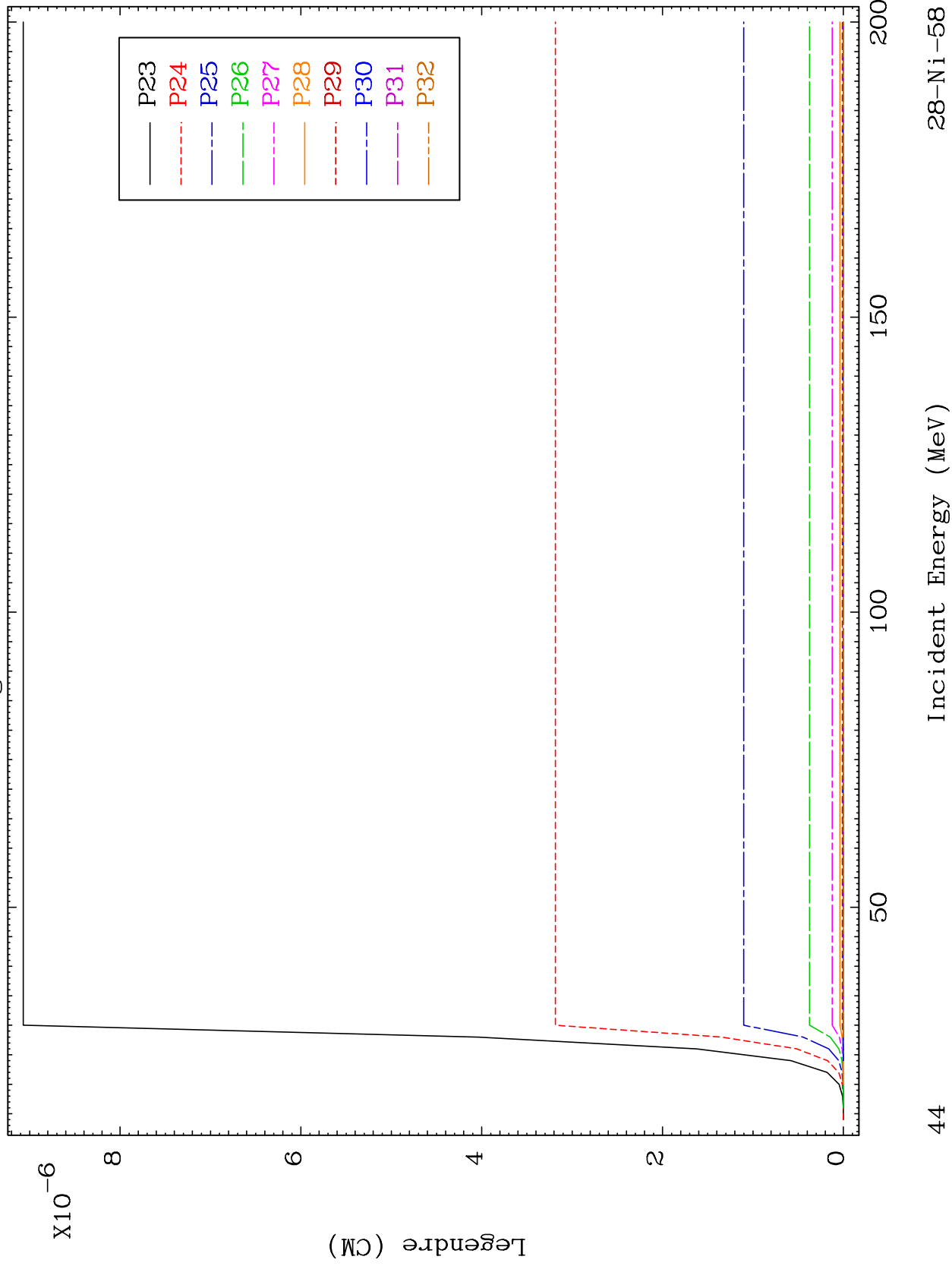




MAT 2825

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

28-Ni-58



44

Incident Energy (MeV)

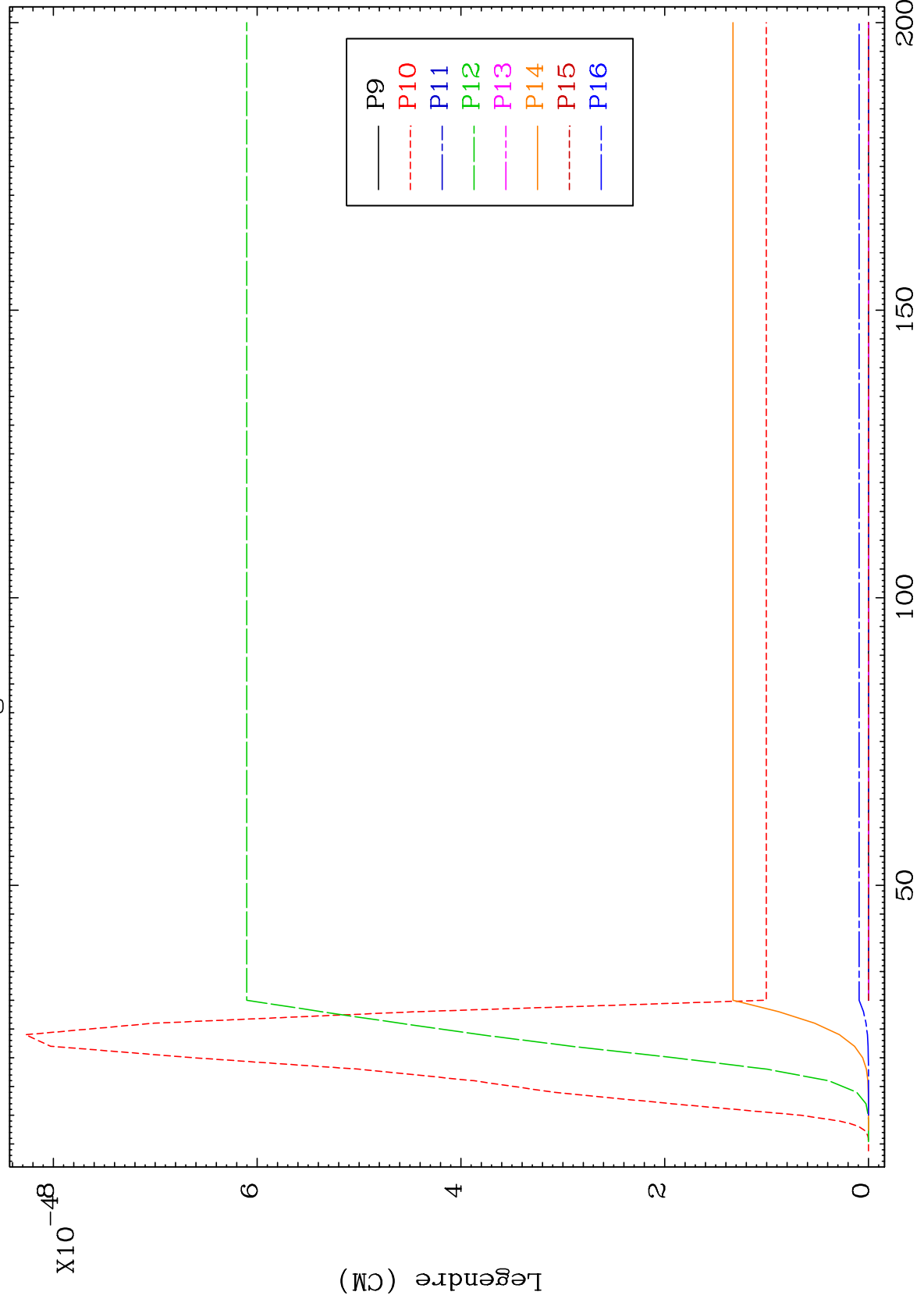
28-Ni-58



MAT 2825

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

28-Ni-58



46

Incident Energy (MeV)

28-Ni-58

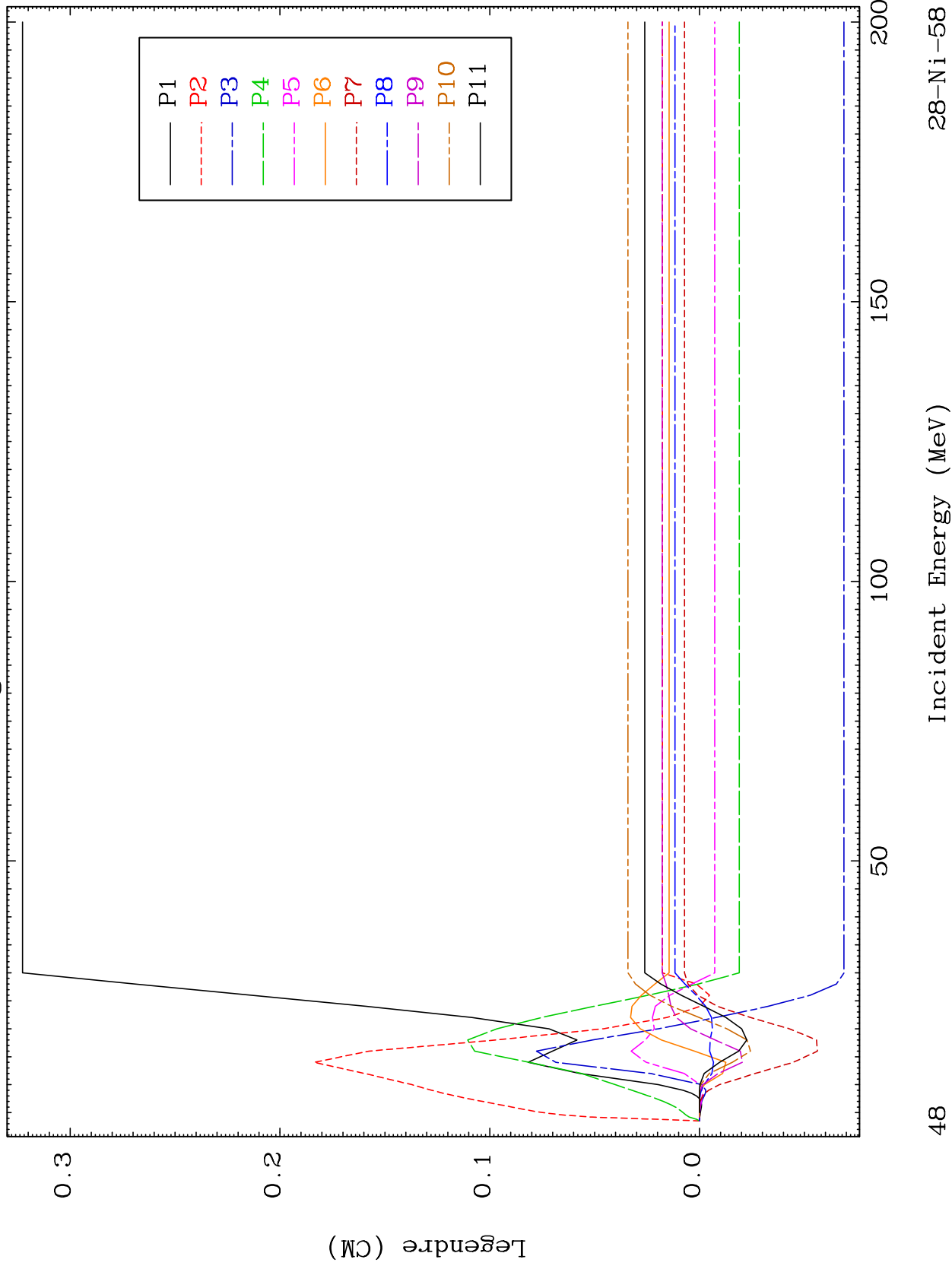




MAT 2825

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

28-Ni-58



48

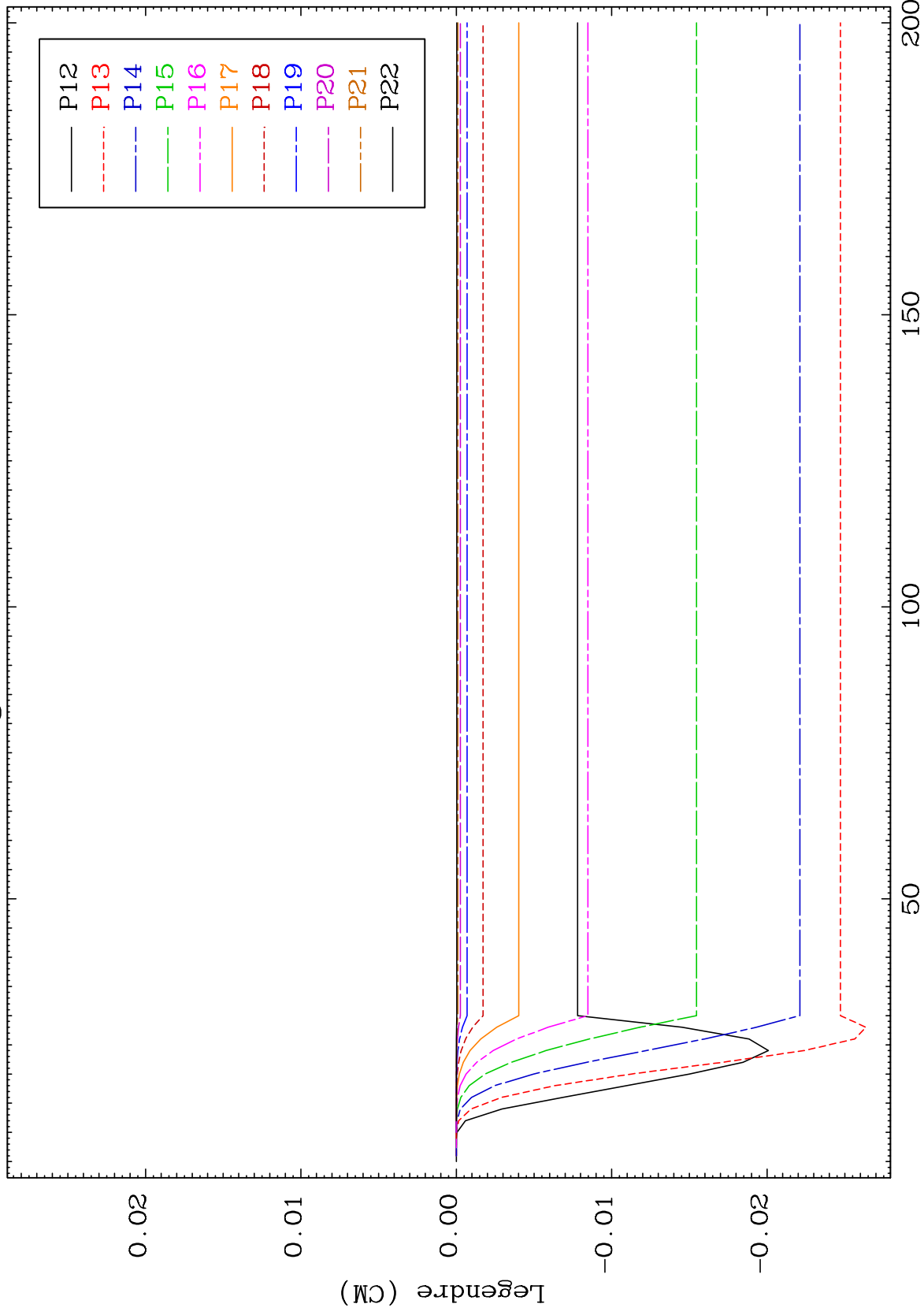
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

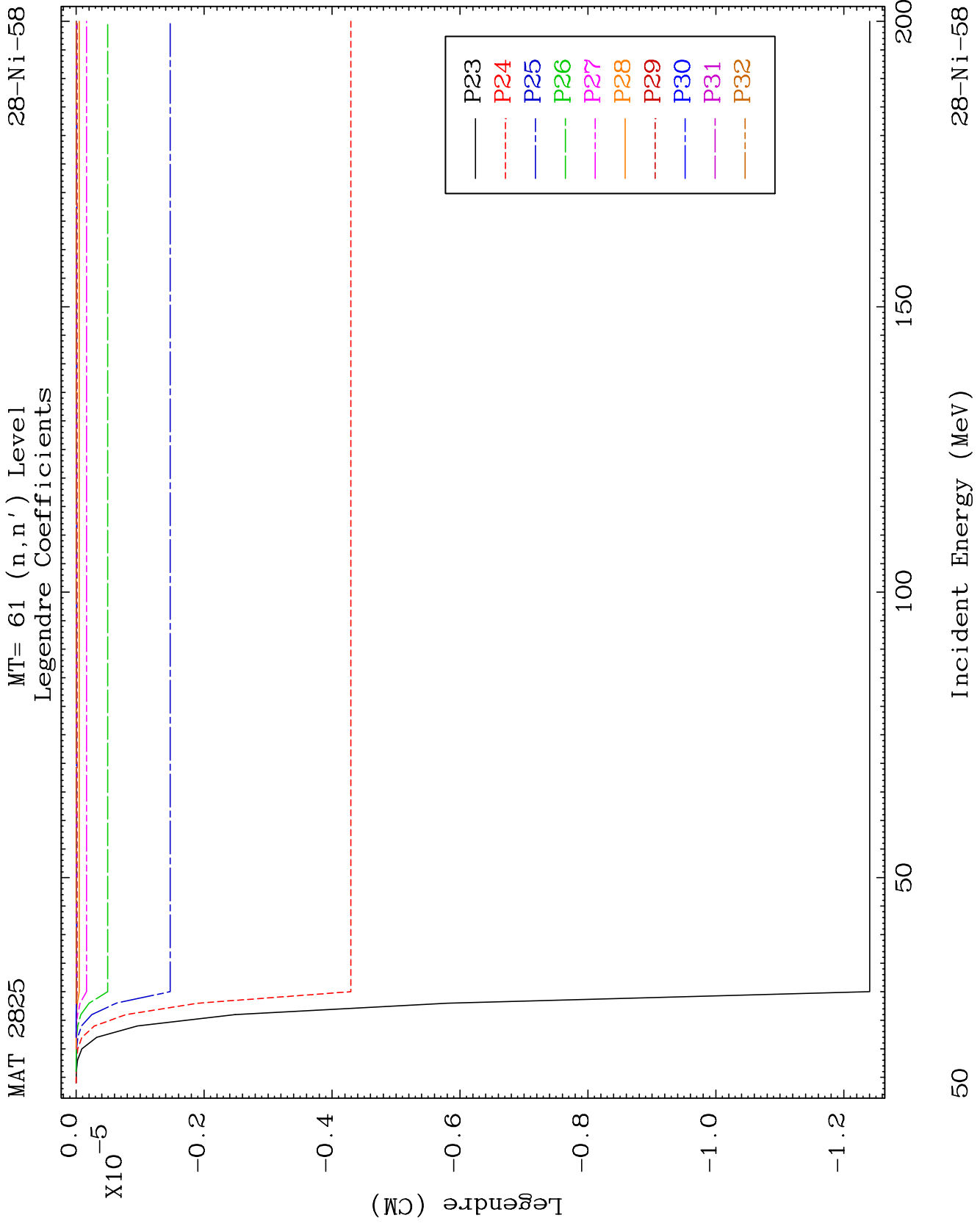
28-Ni-58



49

Incident Energy (MeV)

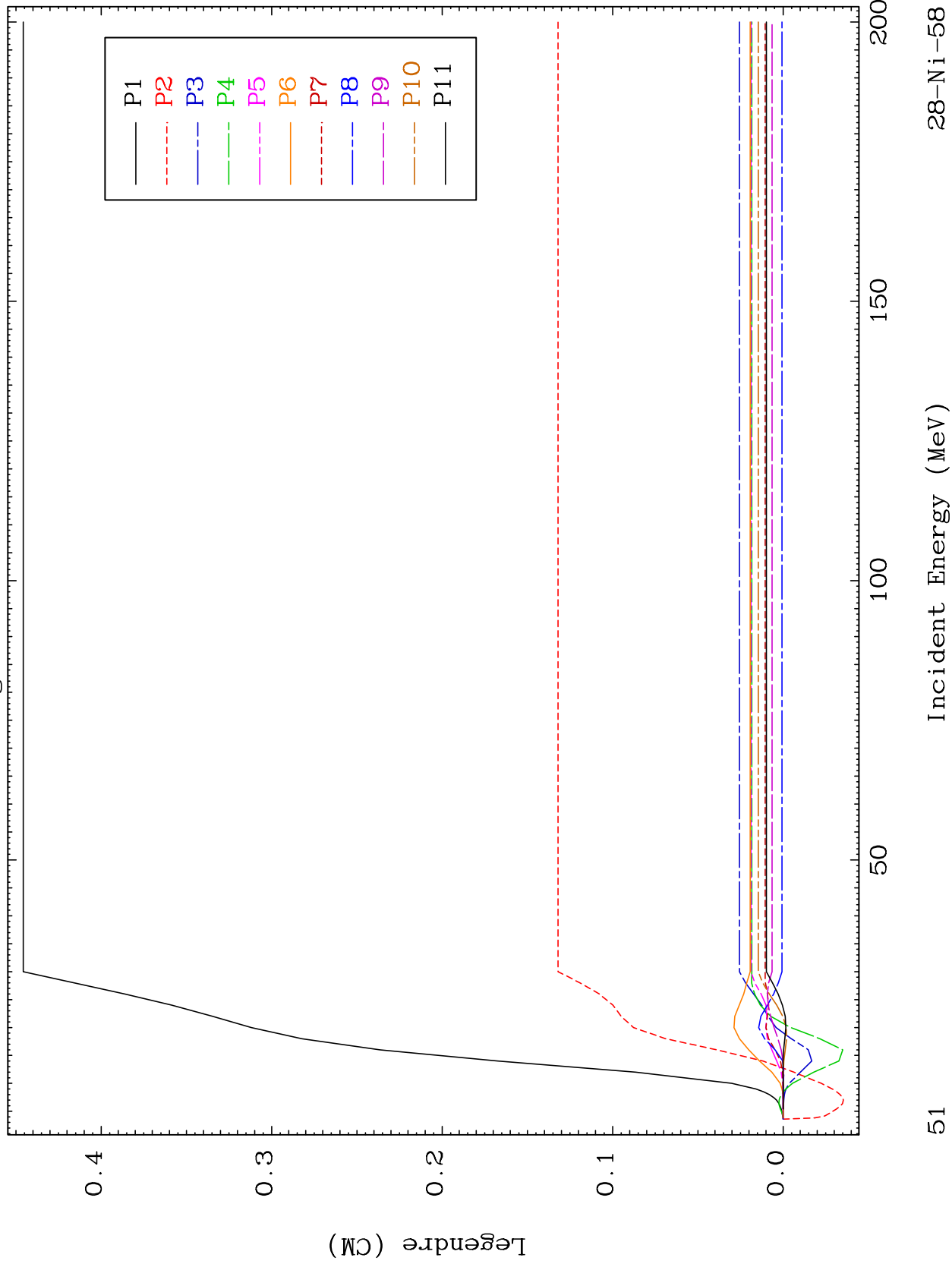
28-Ni-58



MAT 2825

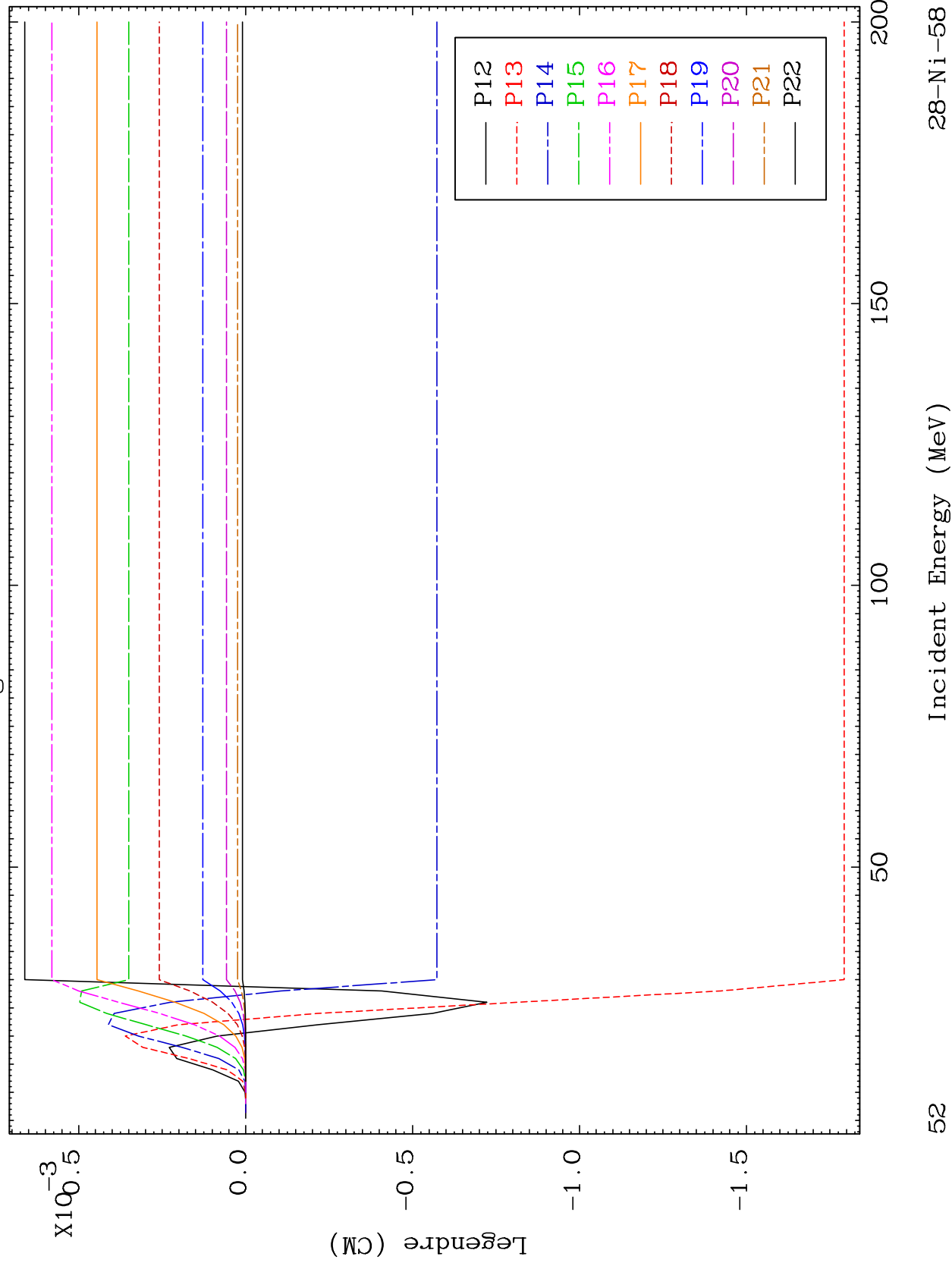
MT= 62 (n,n') Level  
Legendre Coefficients

28-Ni-58



51

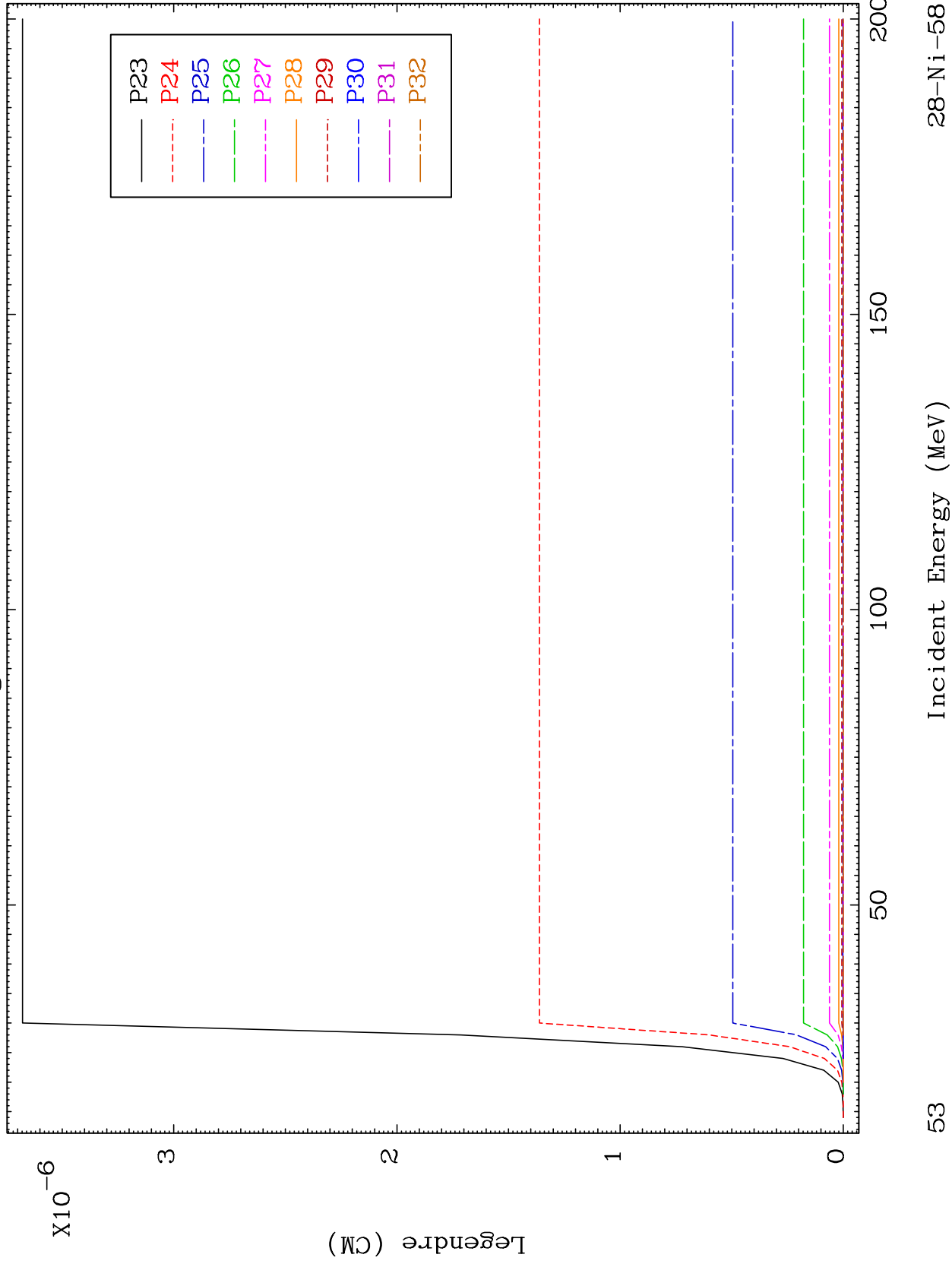
28-Ni-58



MAT 2825

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

28-Ni-58



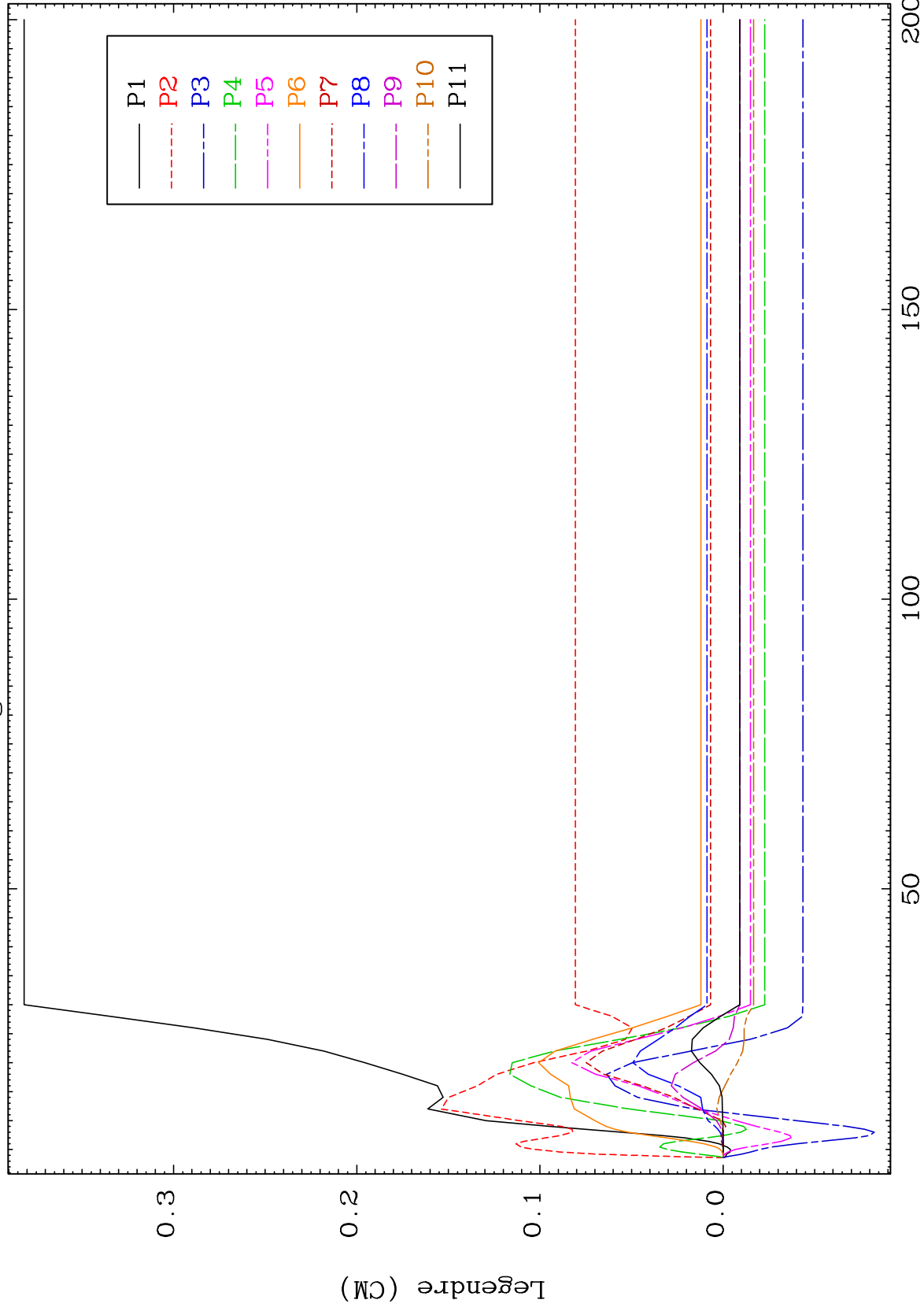
53

28-Ni-58

MAT 2825

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

28-Ni-58



54

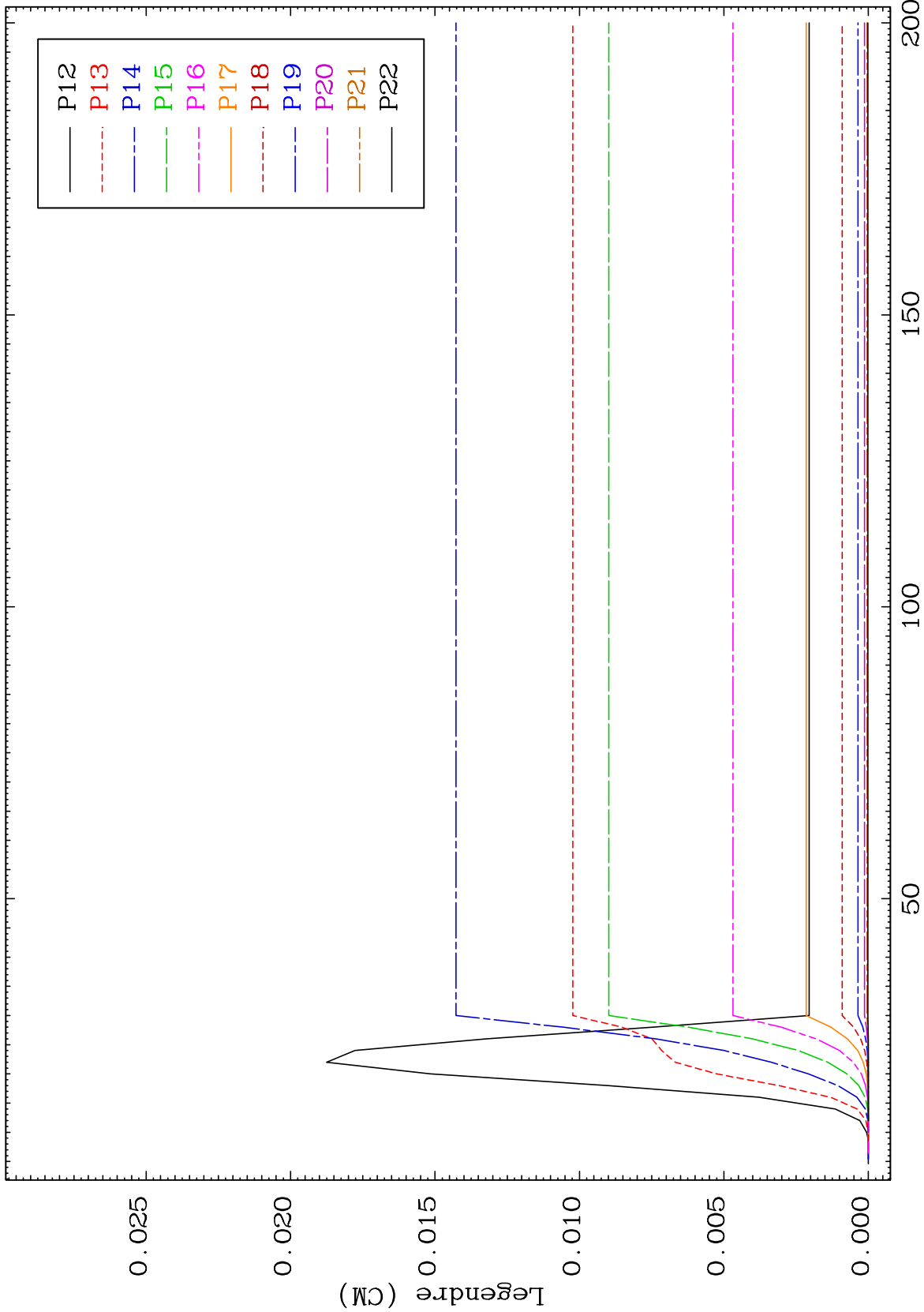
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



55

Incident Energy (MeV)

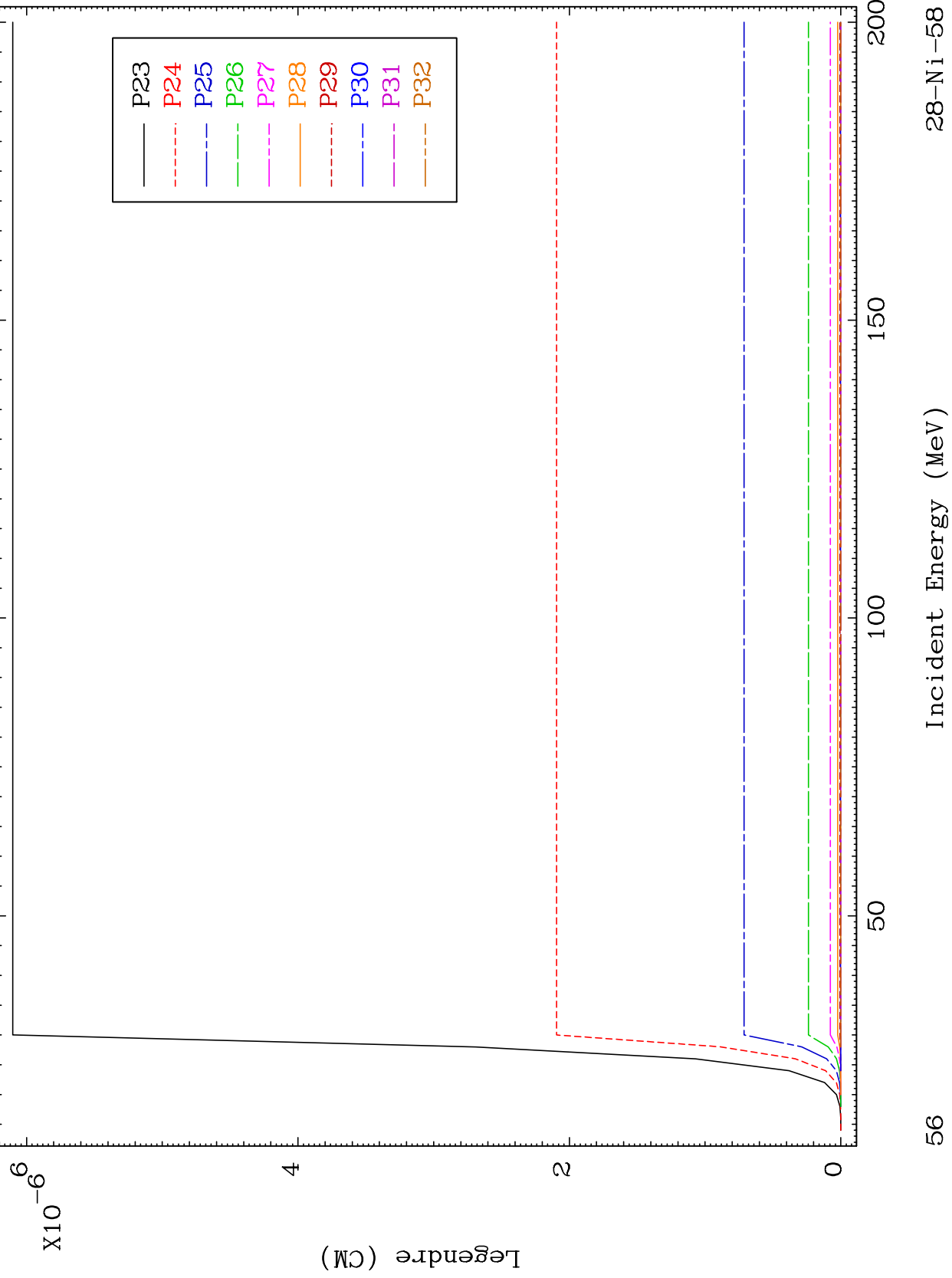
28-Ni-58



MAT 2825

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

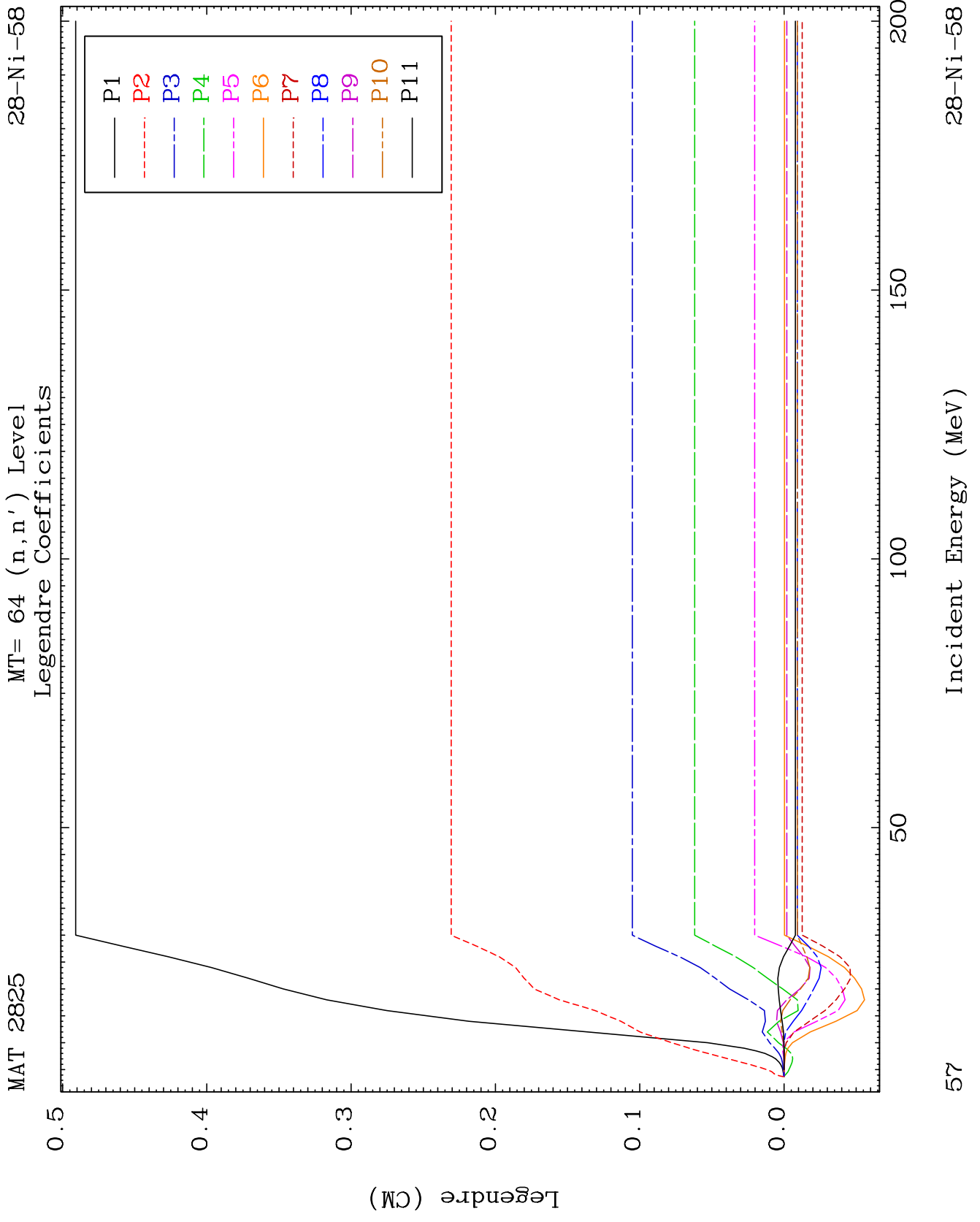
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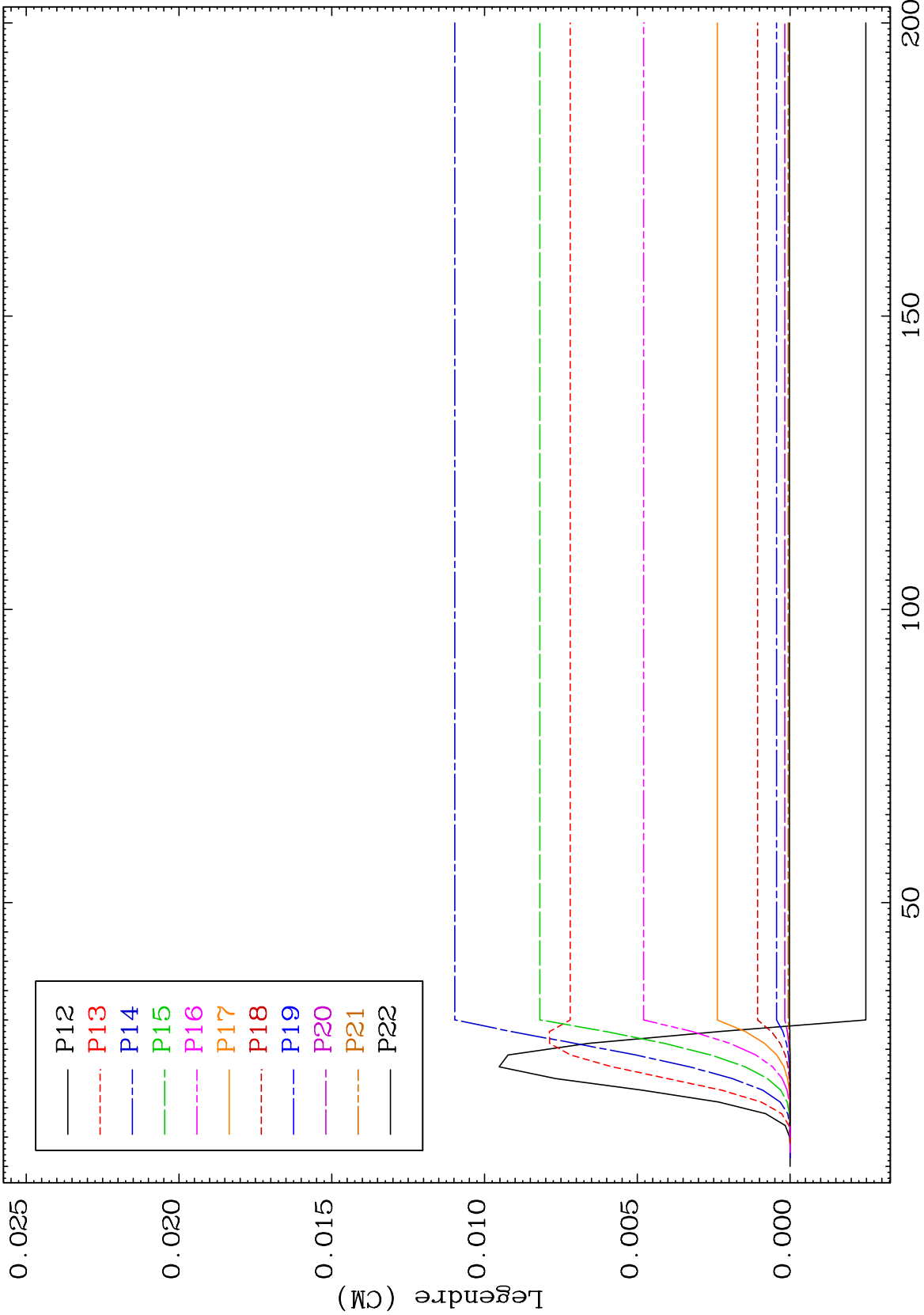


56

Incident Energy (MeV)

28-Ni-58

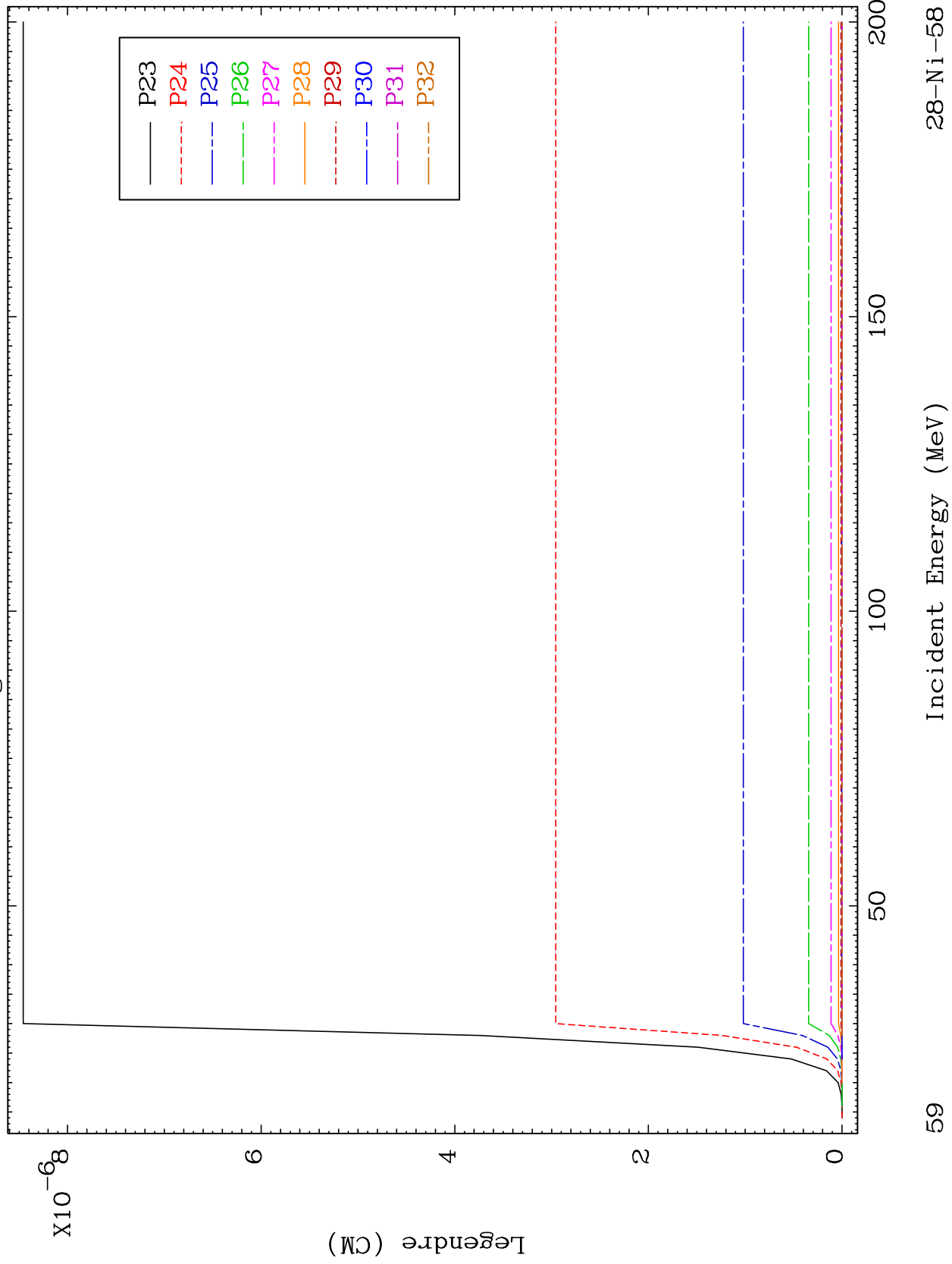




MAT 2825

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

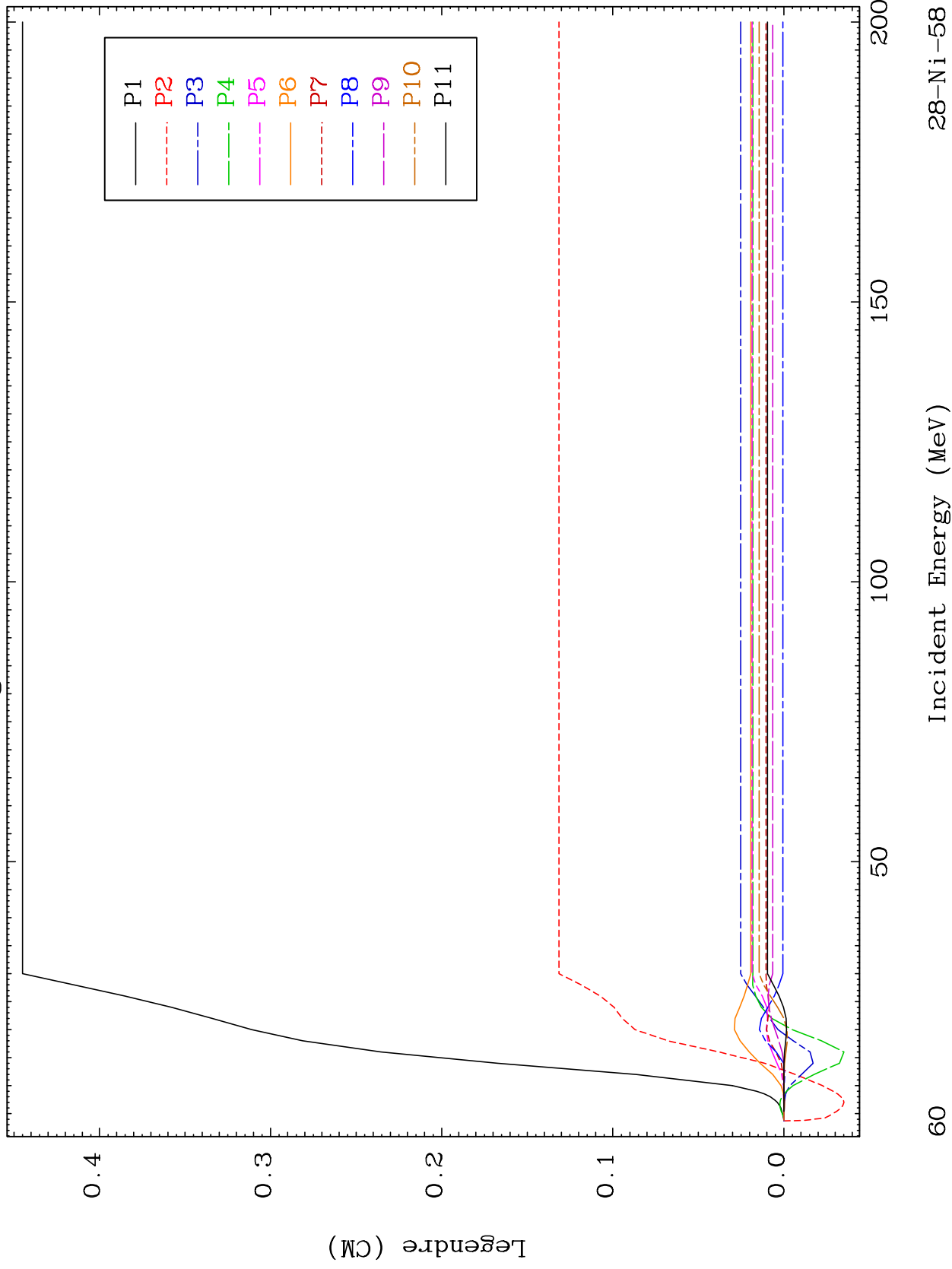
28-Ni-58



MAT 2825

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

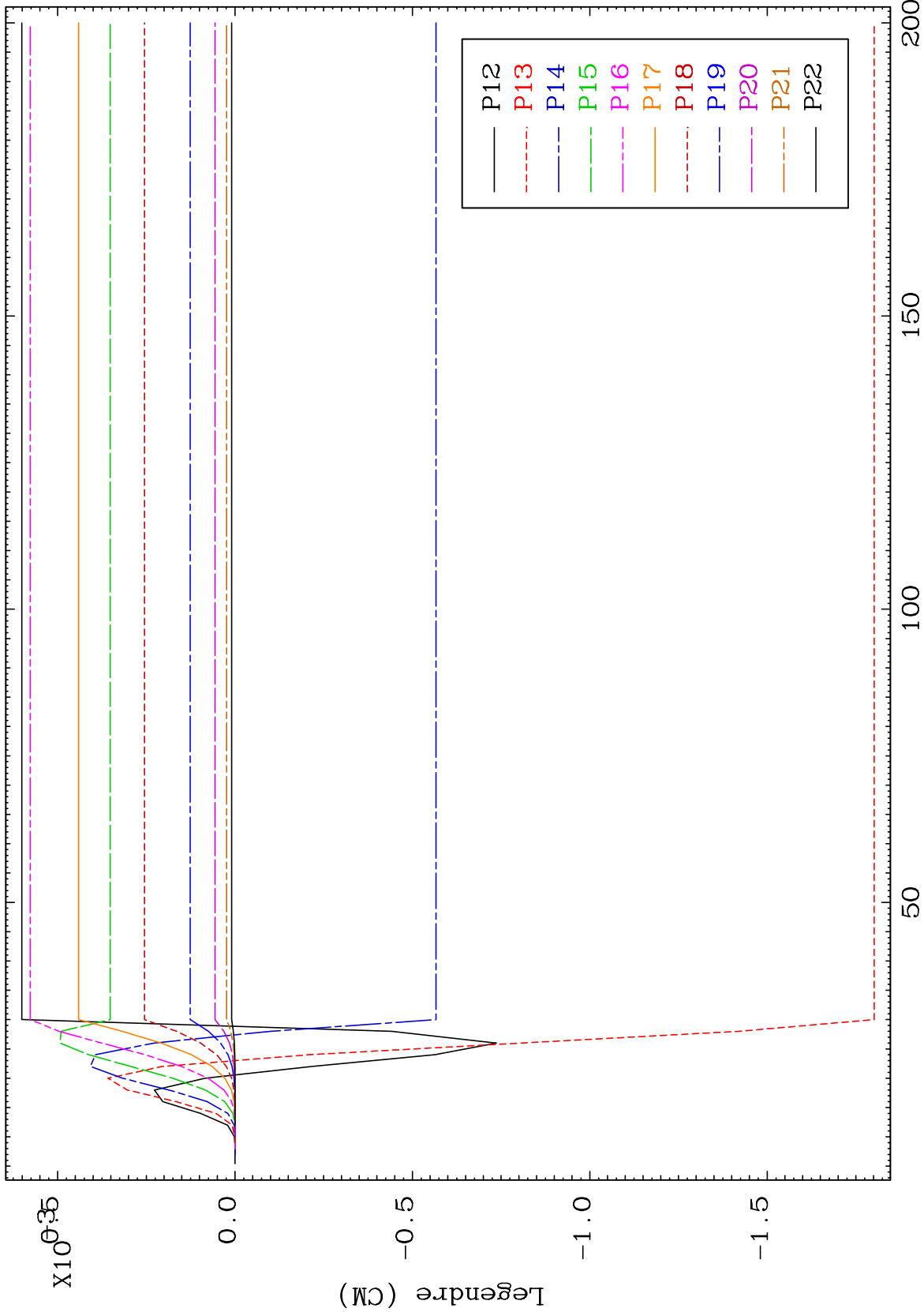
28-Ni-58



28-Ni-58

Incident Energy (MeV)

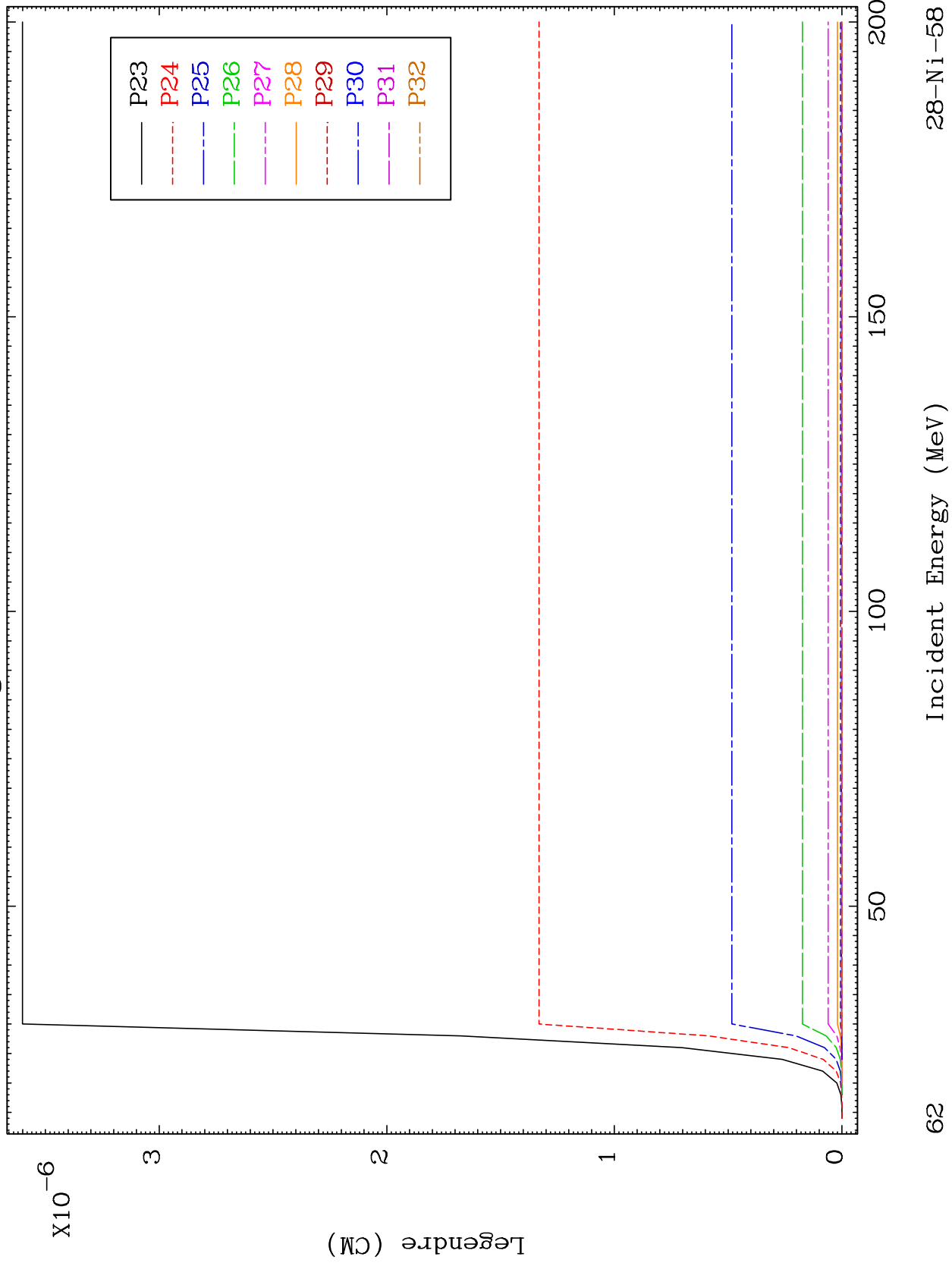
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MAT 2825

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

28-Ni-58



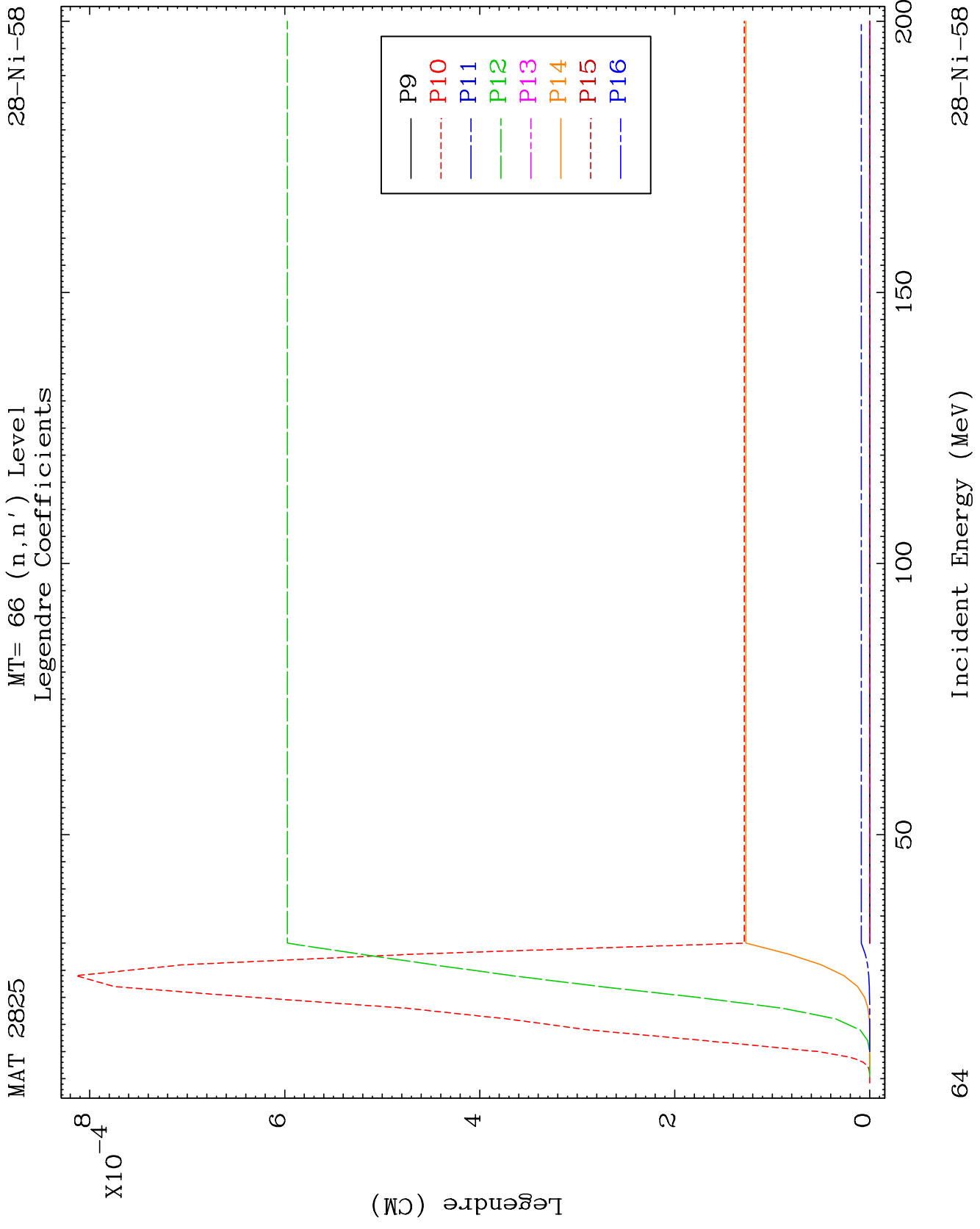
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Incident Energy (MeV)

28-Ni-58





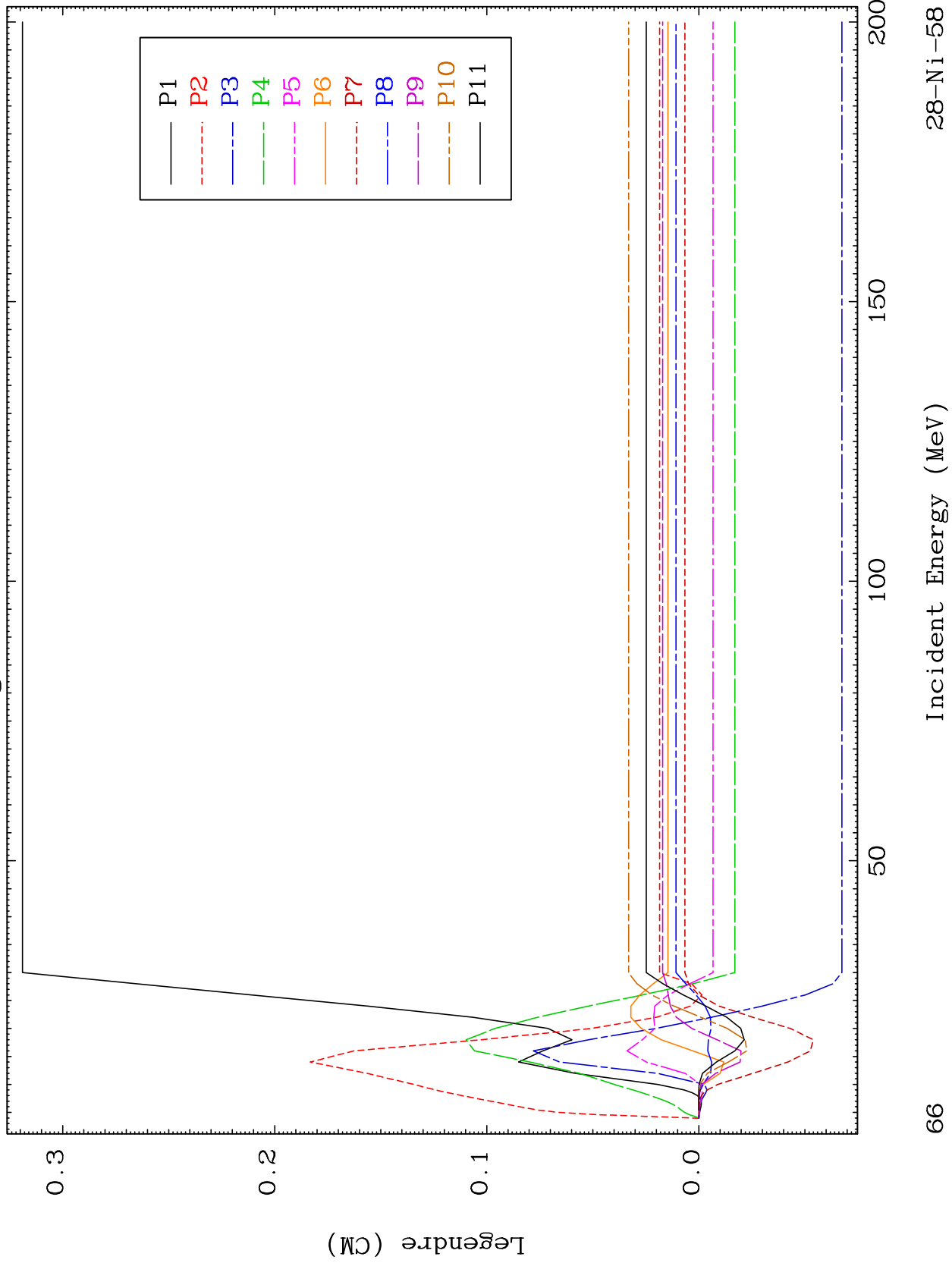




MAT 2825

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

28-Ni-58

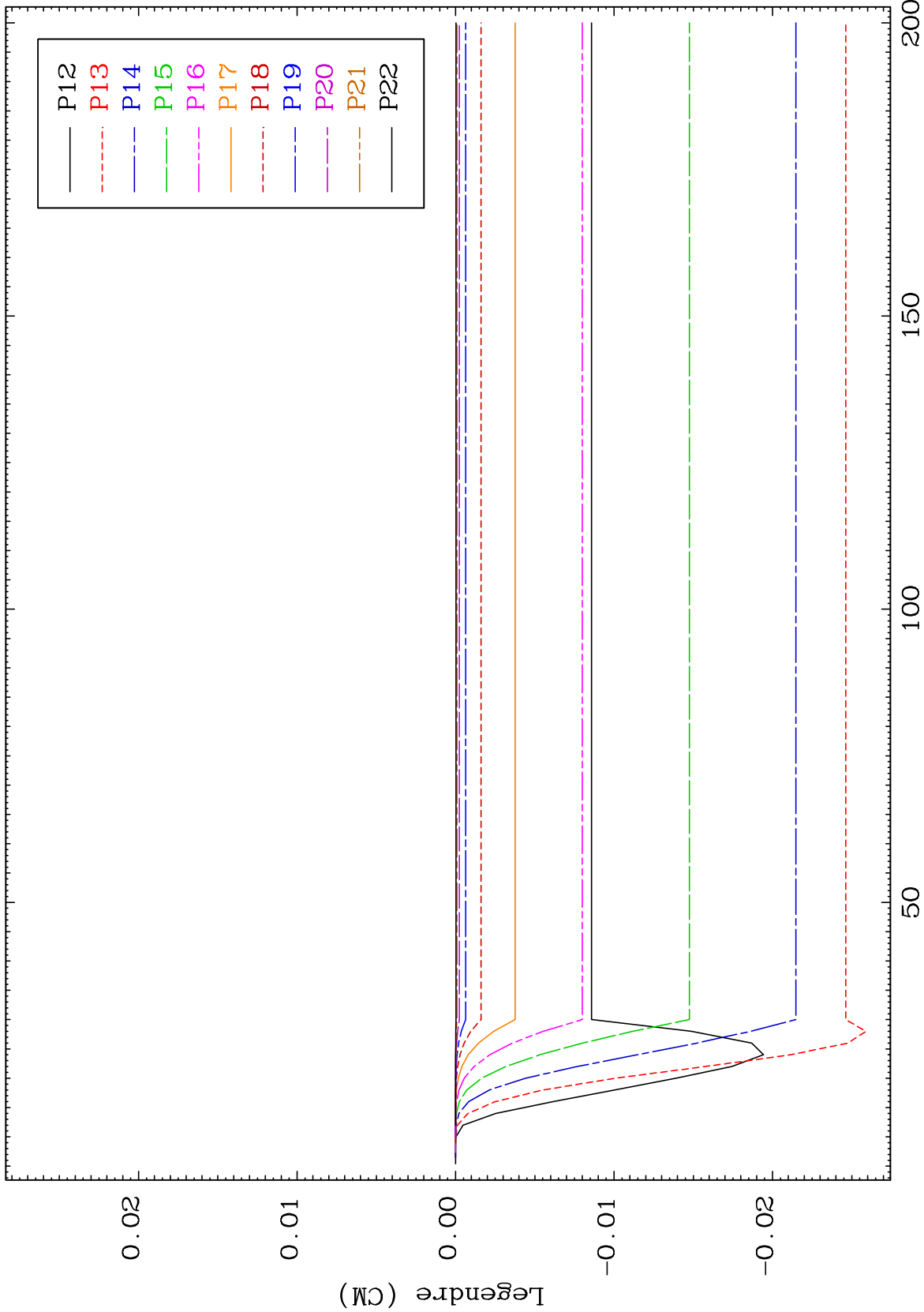


66

MAT 2825

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

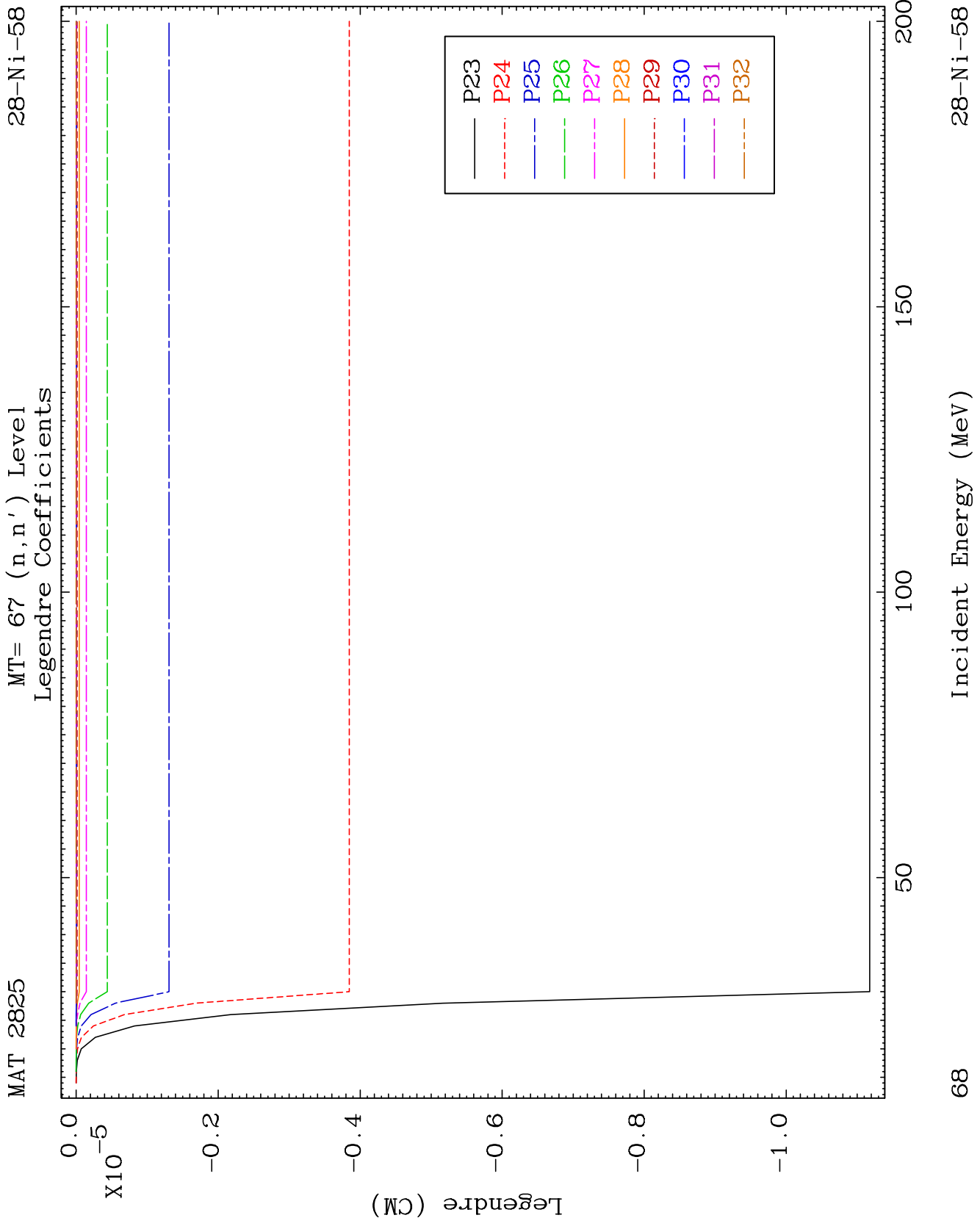
28-Ni-58



67

Incident Energy (MeV)

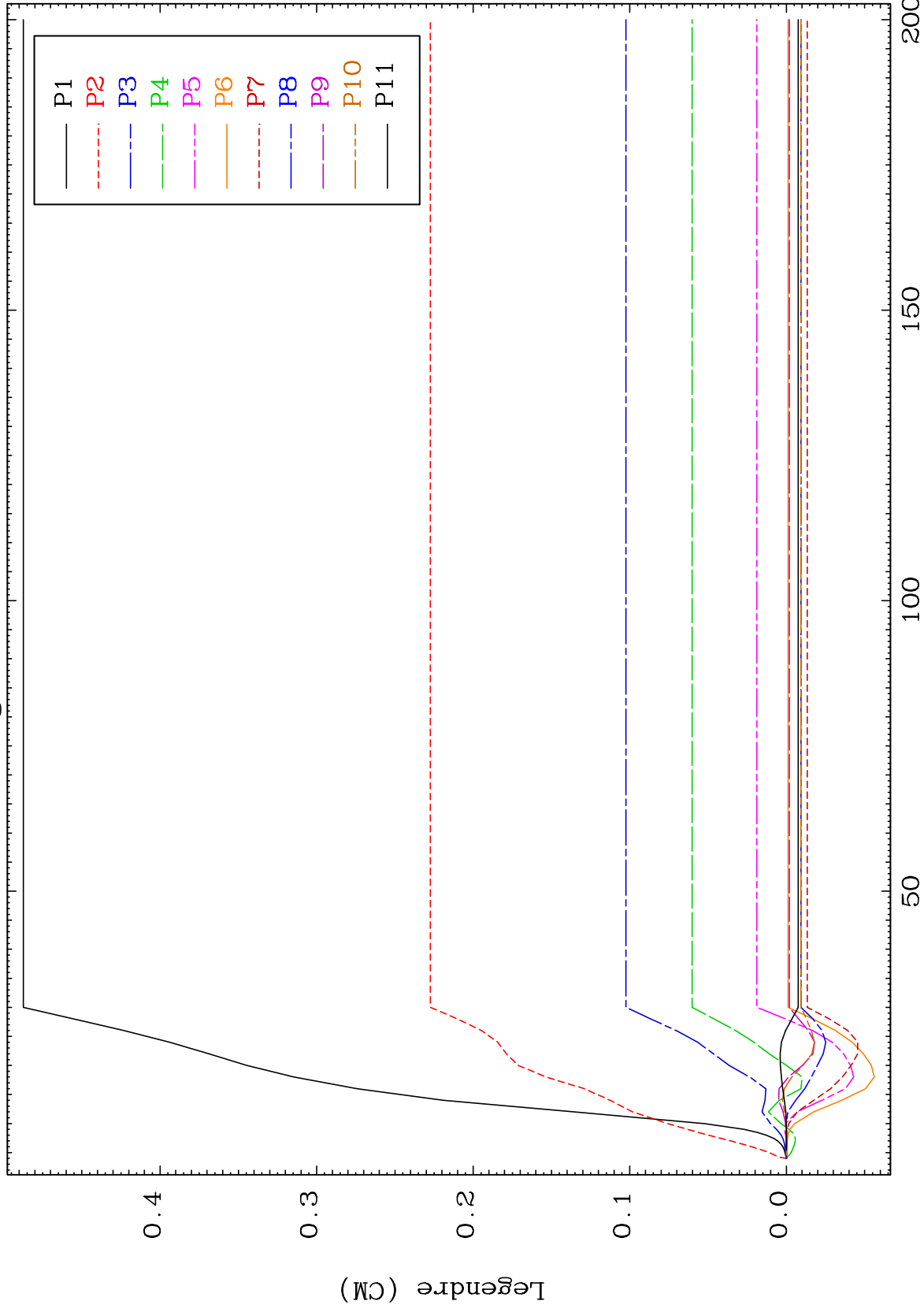
28-Ni-58



MAT 2825

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

28-Ni-58



69

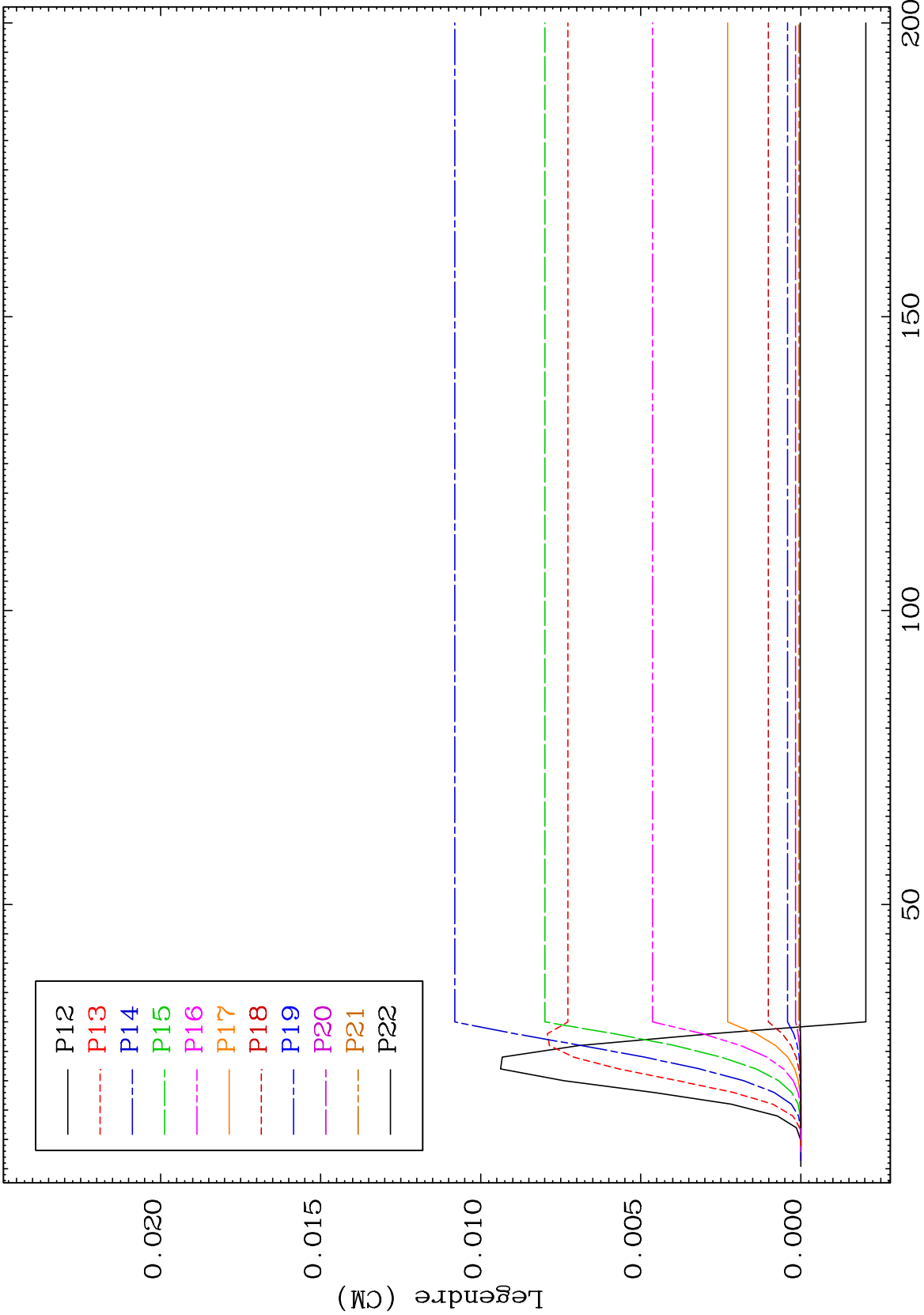
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



70

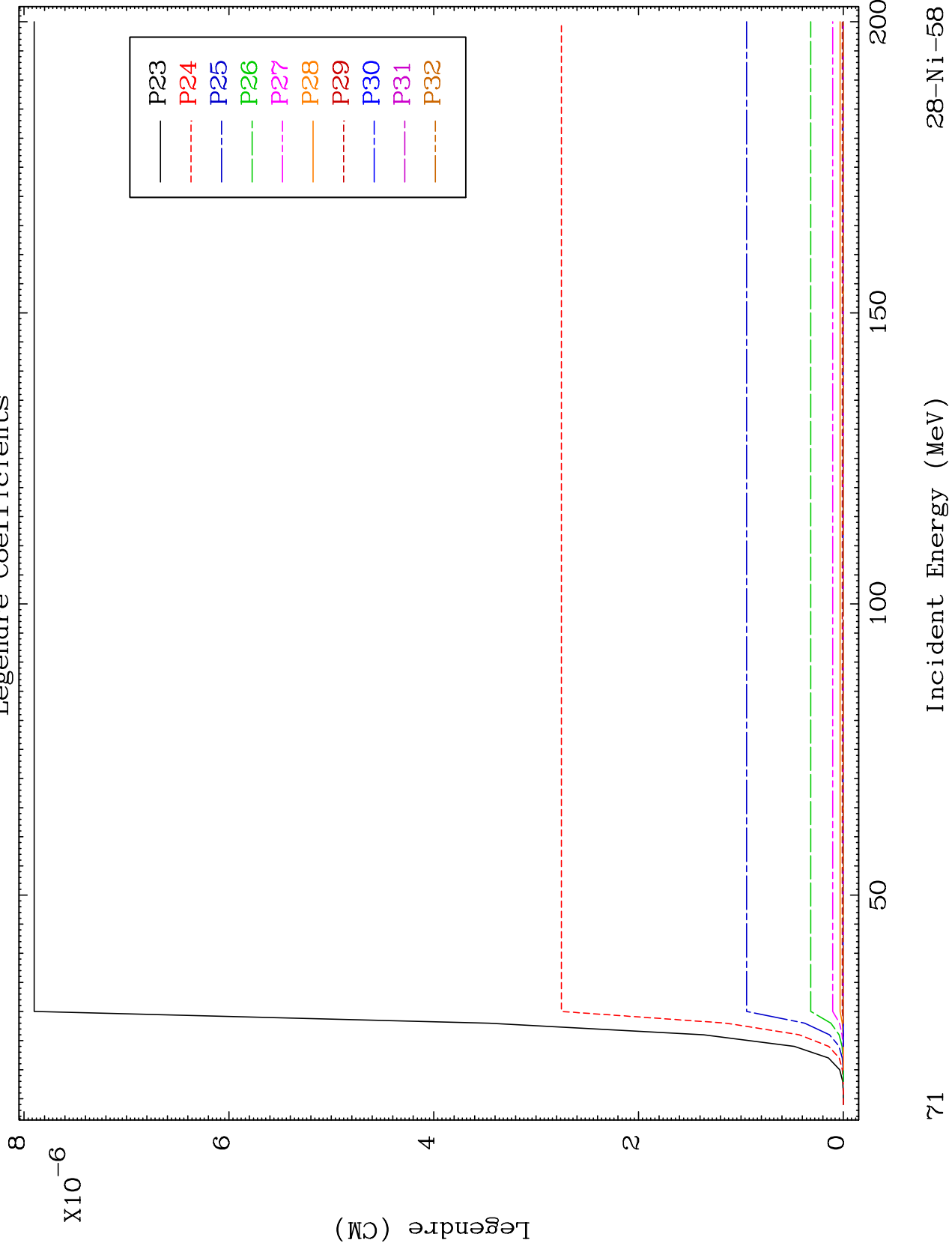
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58

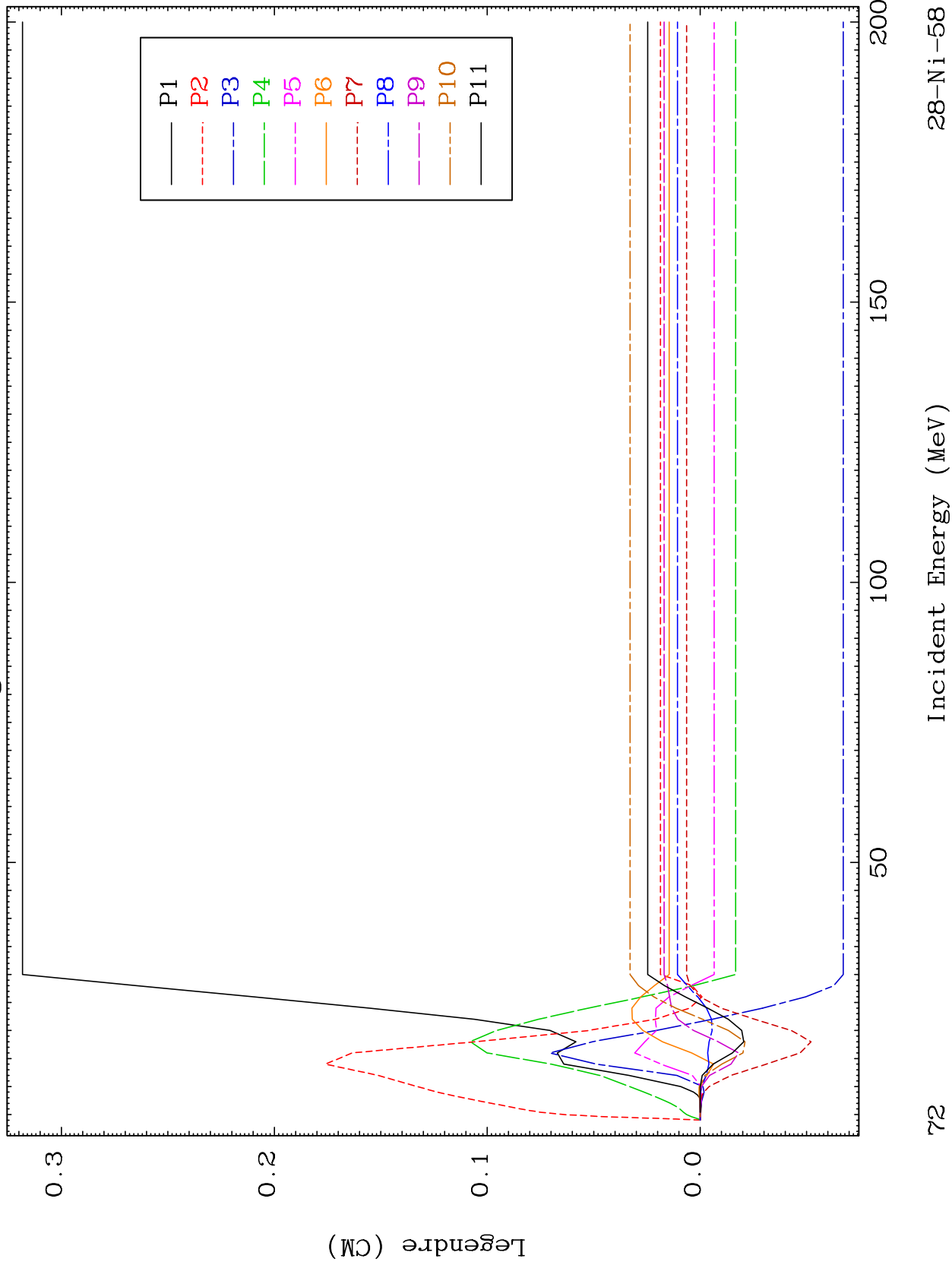




MAT 2825

MT= 69 (n,n') Level  
Legendre Coefficients

28-Ni-58



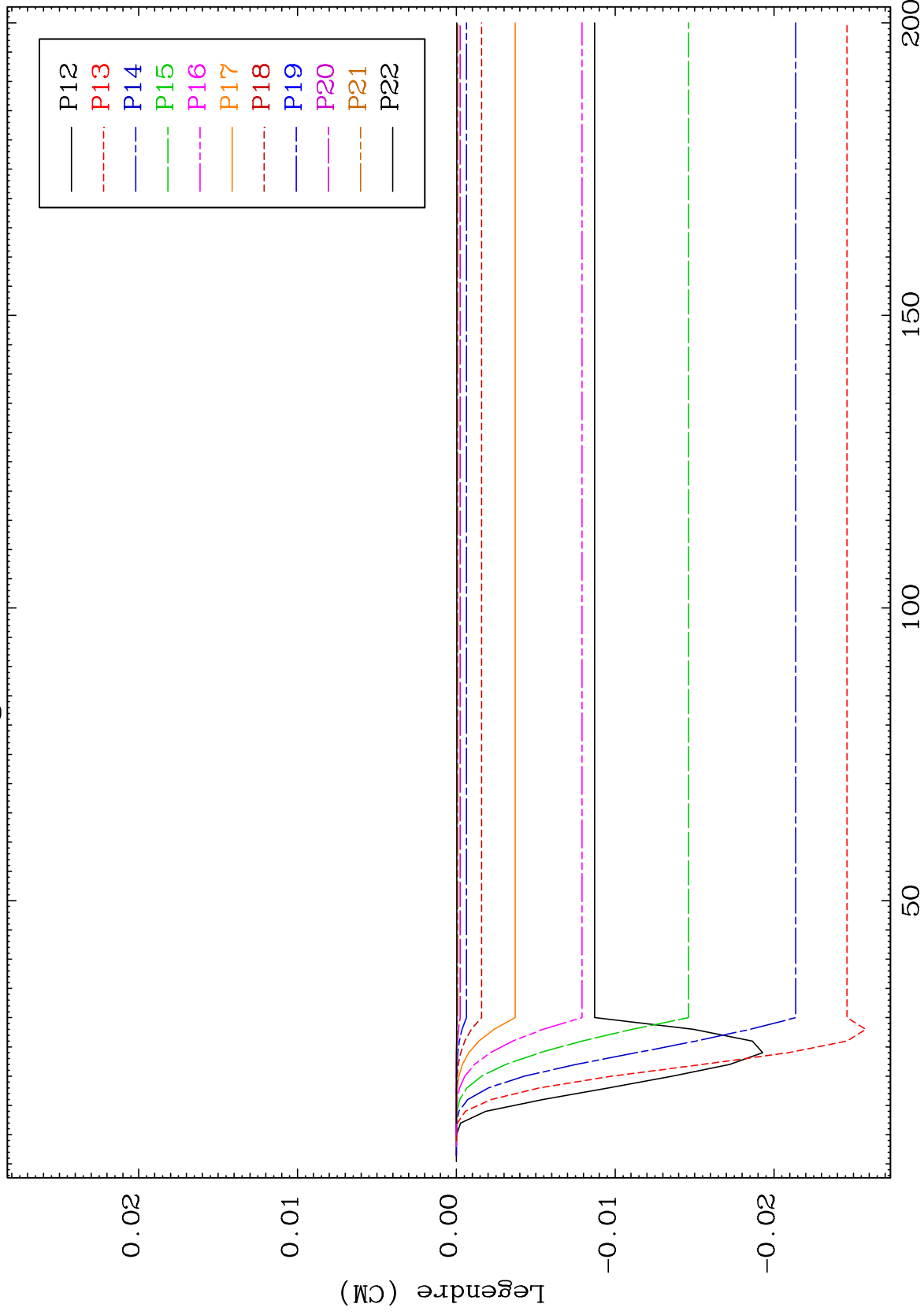
72

28-Ni-58

MAT 2825

MT= 69 (n,n') Level  
Legendre Coefficients

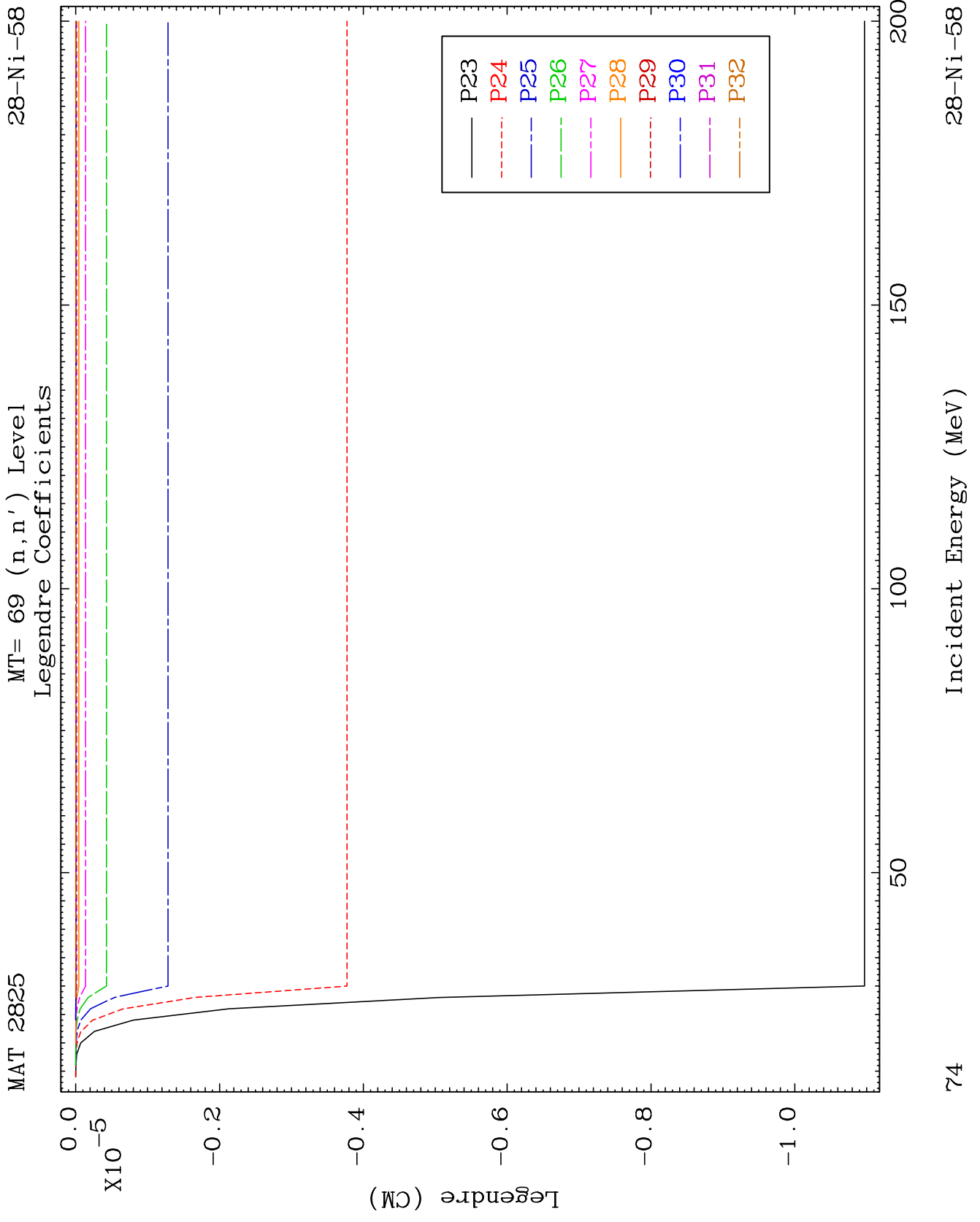
28-Ni-58



73

Incident Energy (MeV)

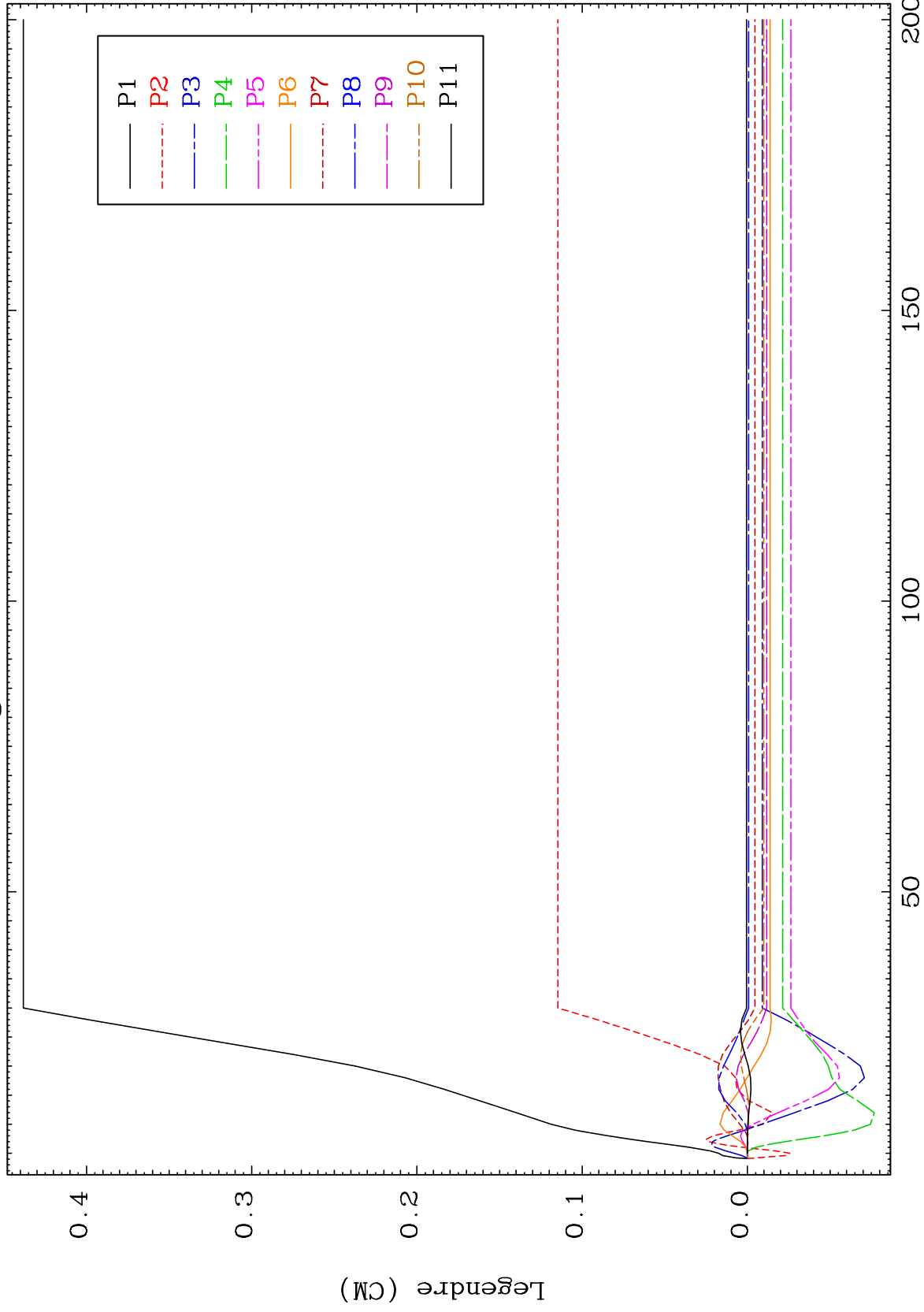
28-Ni-58



MAT 2825

MT= 70 (n,n') Level  
Legendre Coefficients

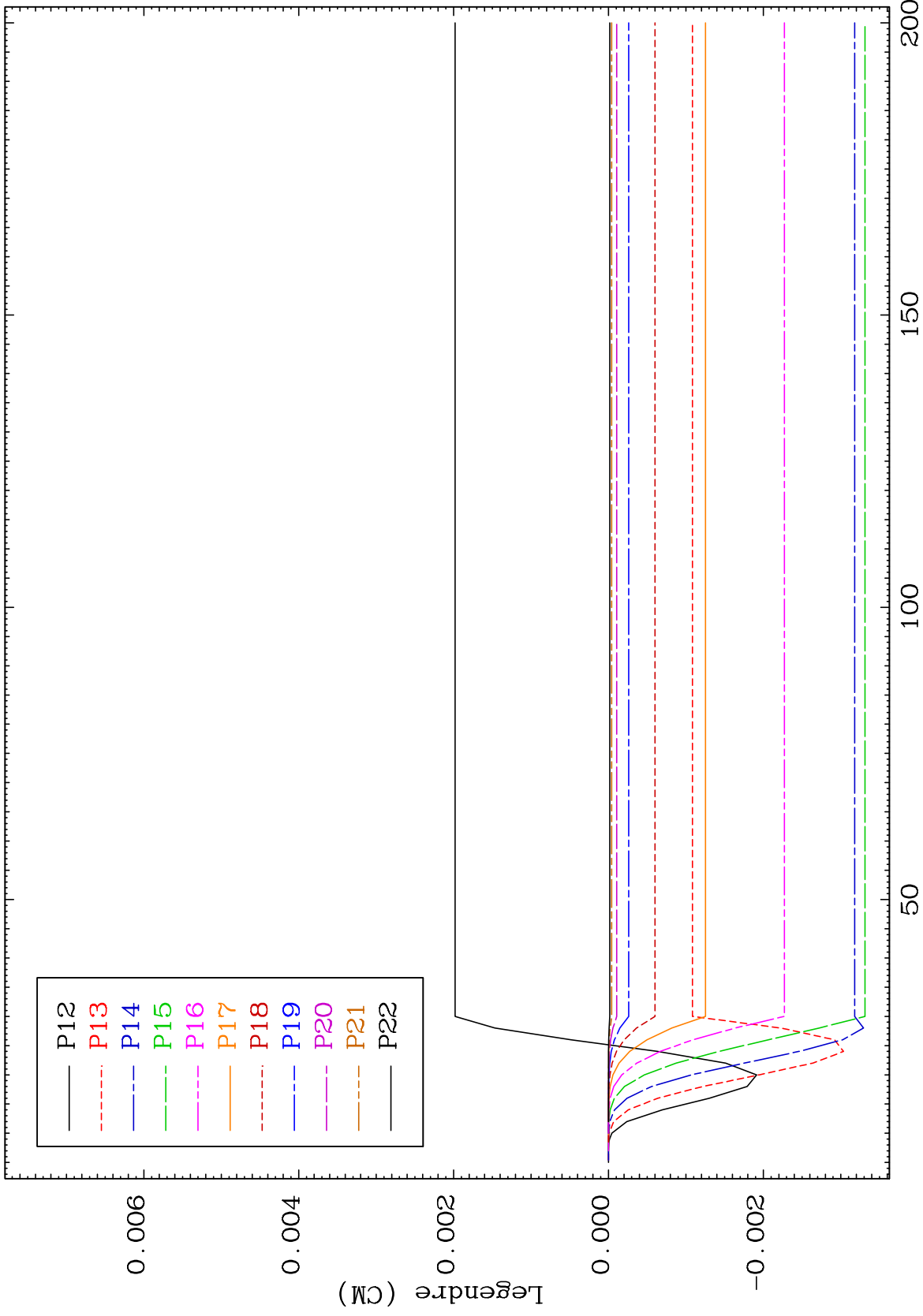
28-Ni-58

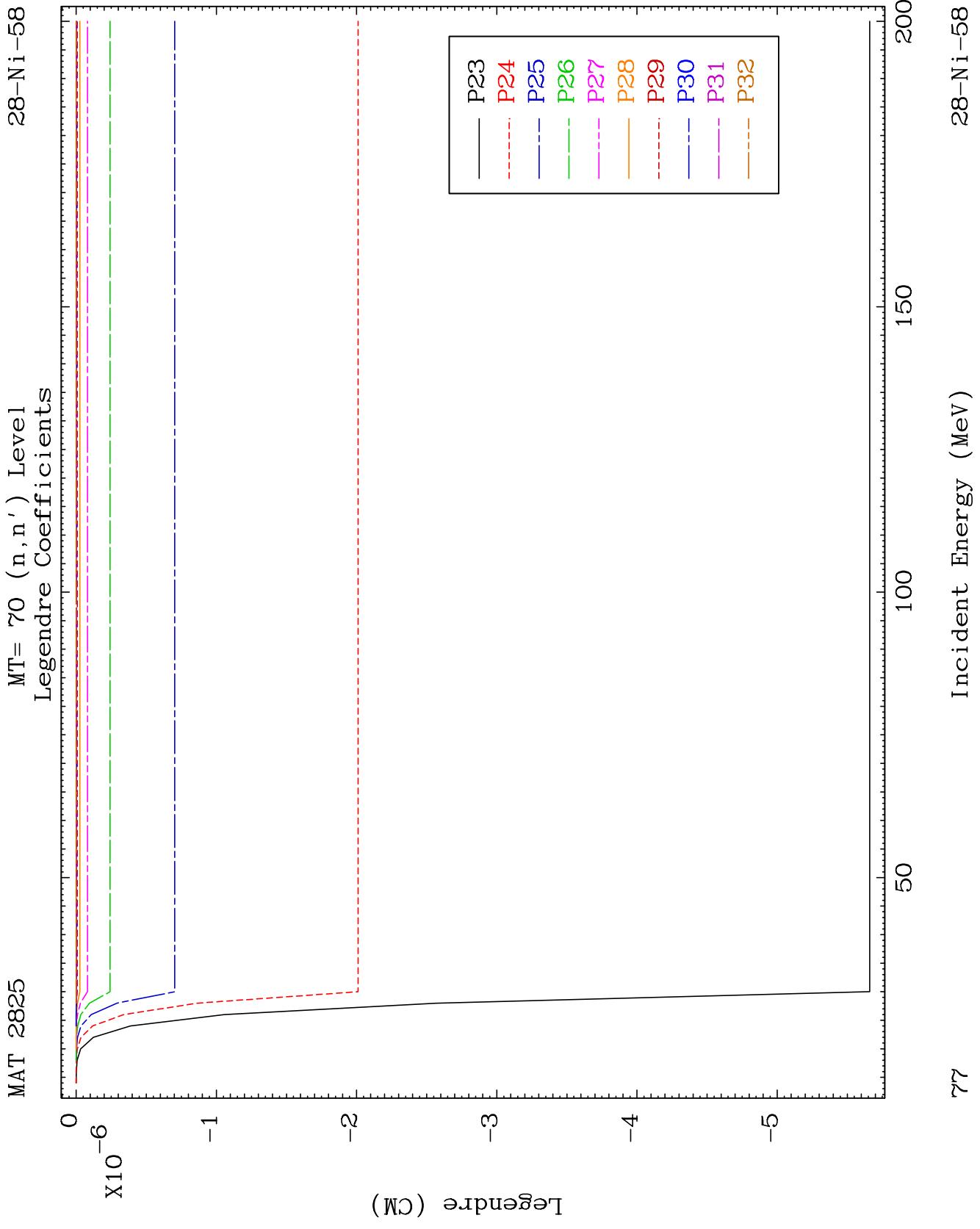


75

Incident Energy (MeV)

28-Ni-58

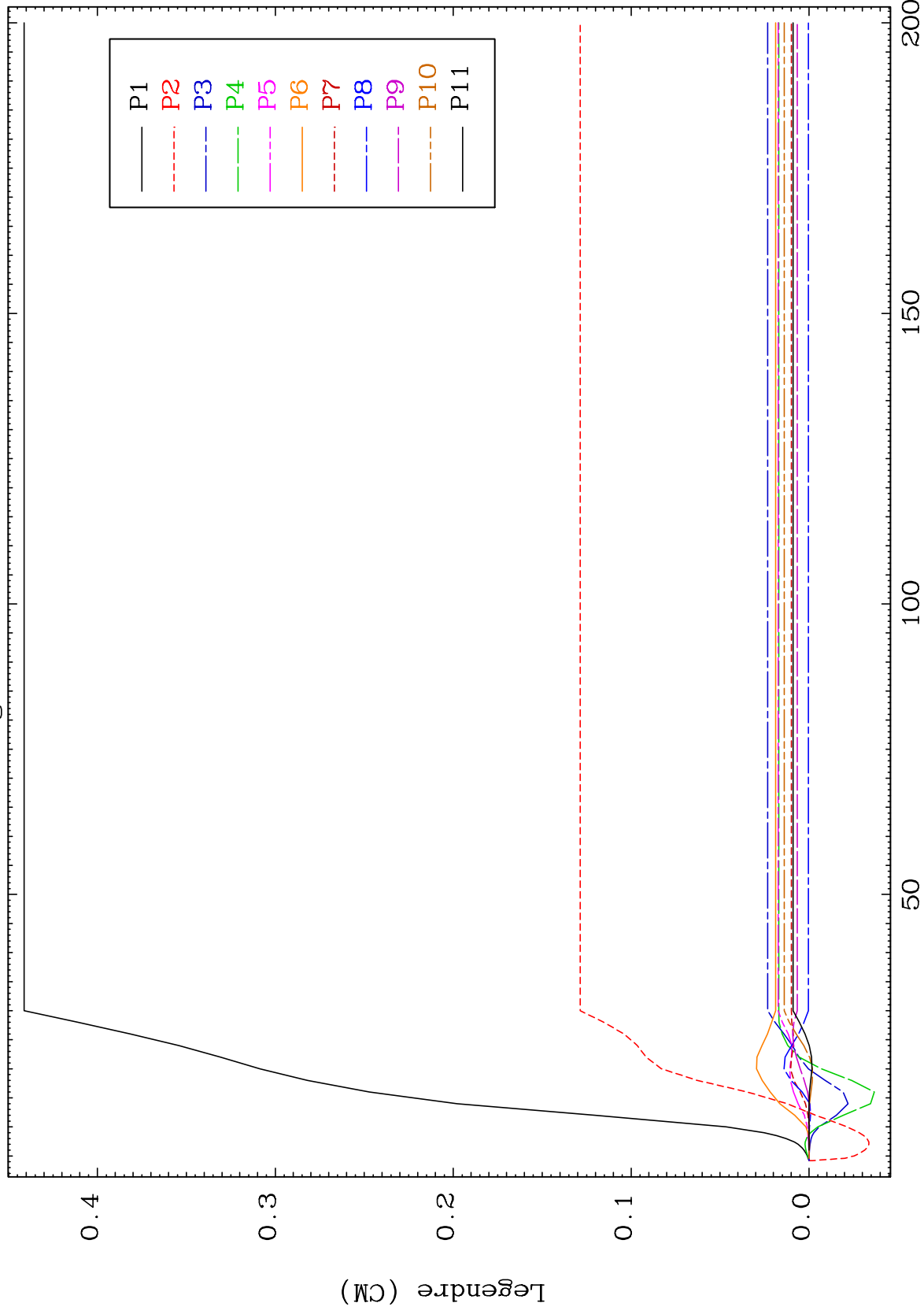




MAT 2825

MT= 71 (n,n') Level  
Legendre Coefficients

28-Ni-58



78

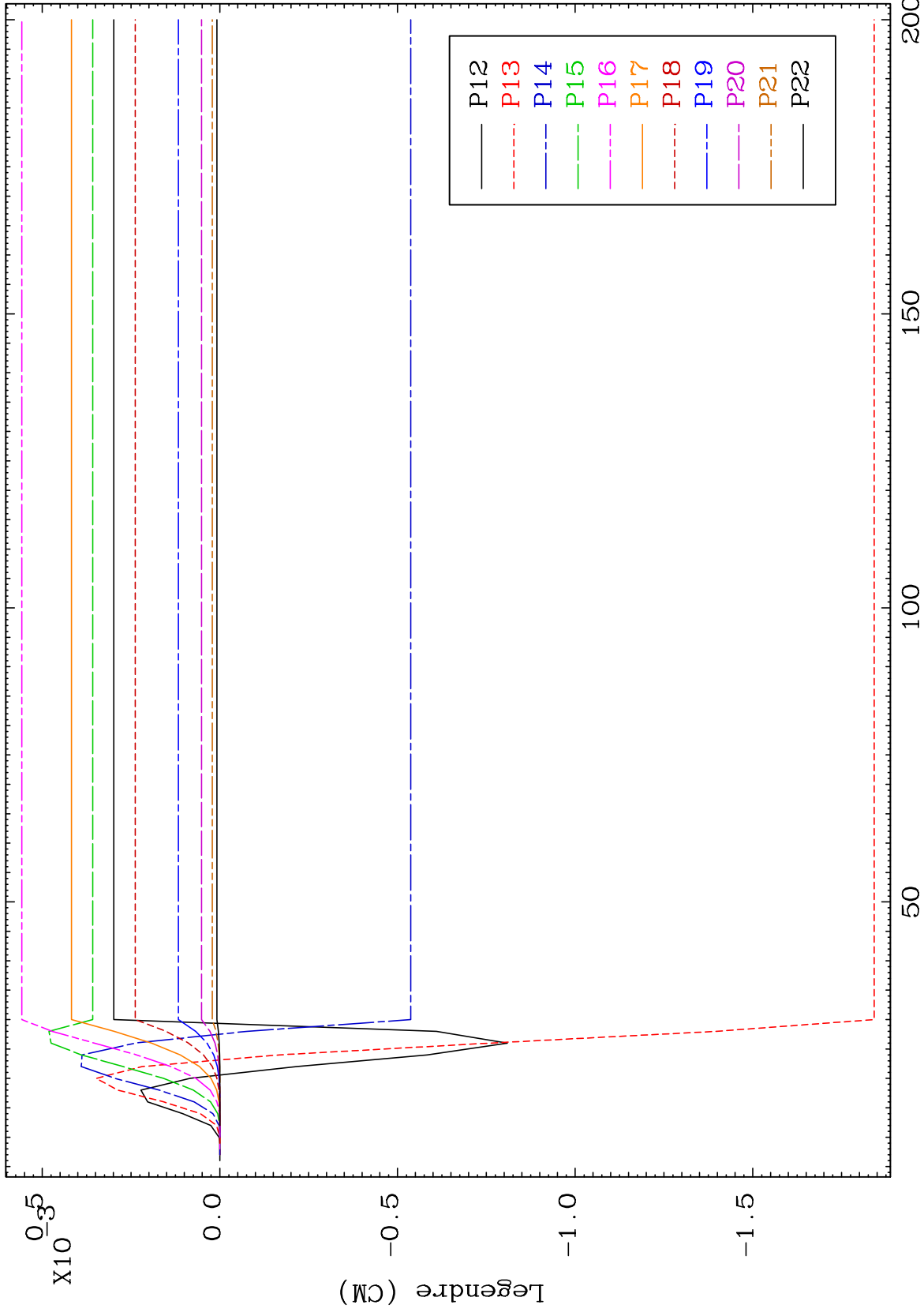
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 71 (n,n') Level  
Legendre Coefficients

28-Ni-58



79

Incident Energy (MeV)

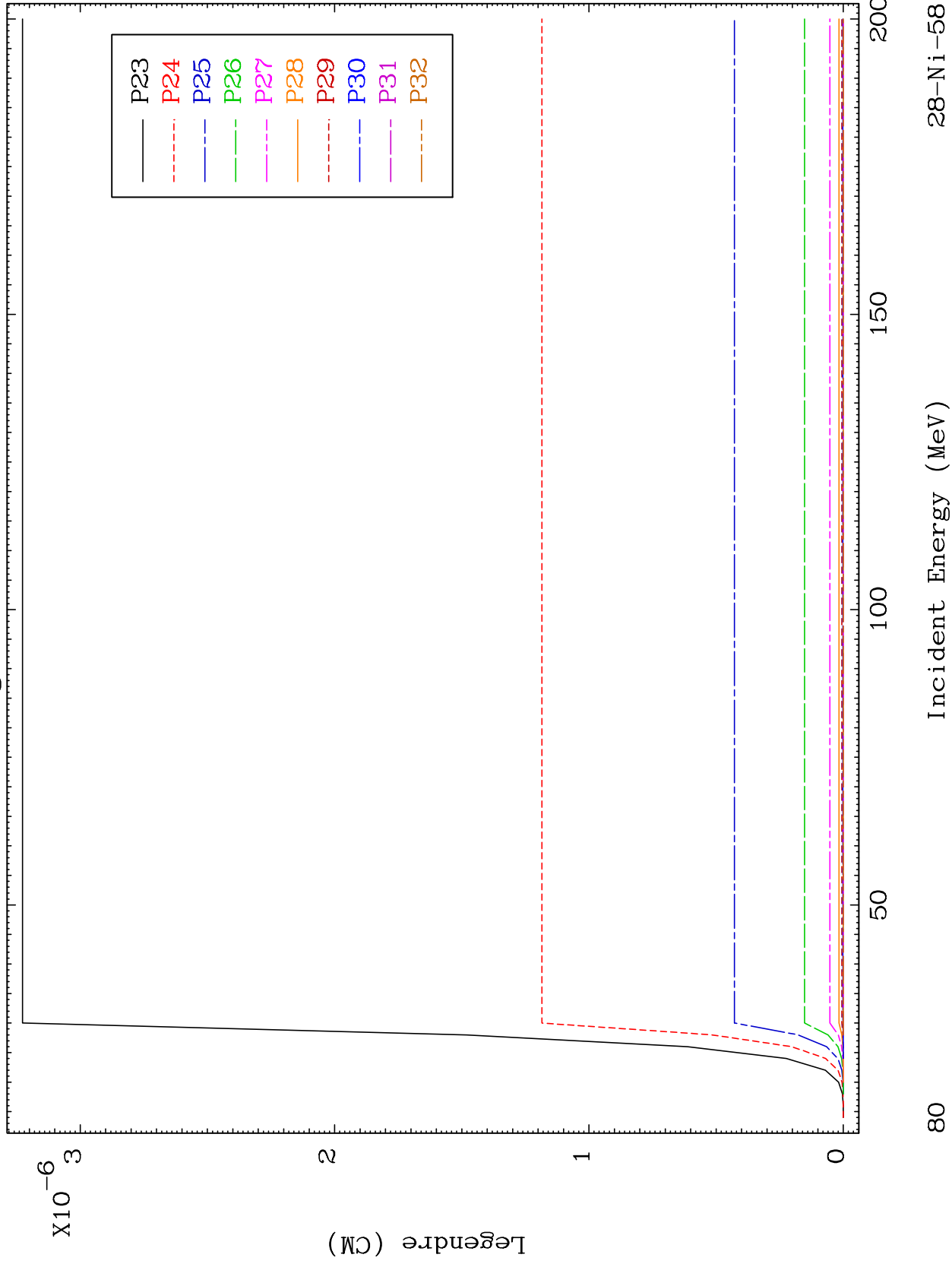
28-Ni-58



MAT 2825

MT= 71 (n,n') Level  
Legendre Coefficients

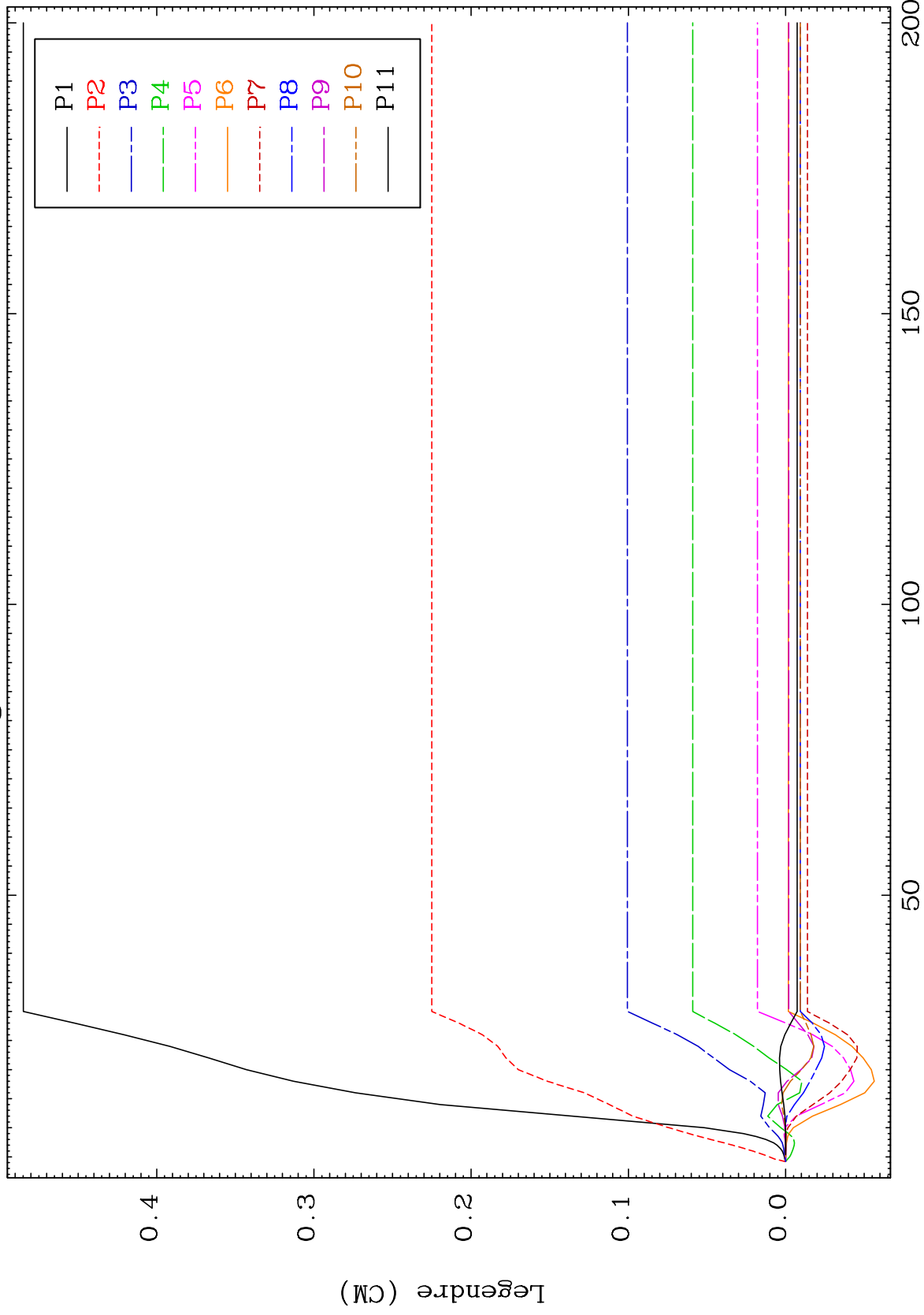
28-Ni-58



MAT 2825

MT= 72 (n,n') Level  
Legendre Coefficients

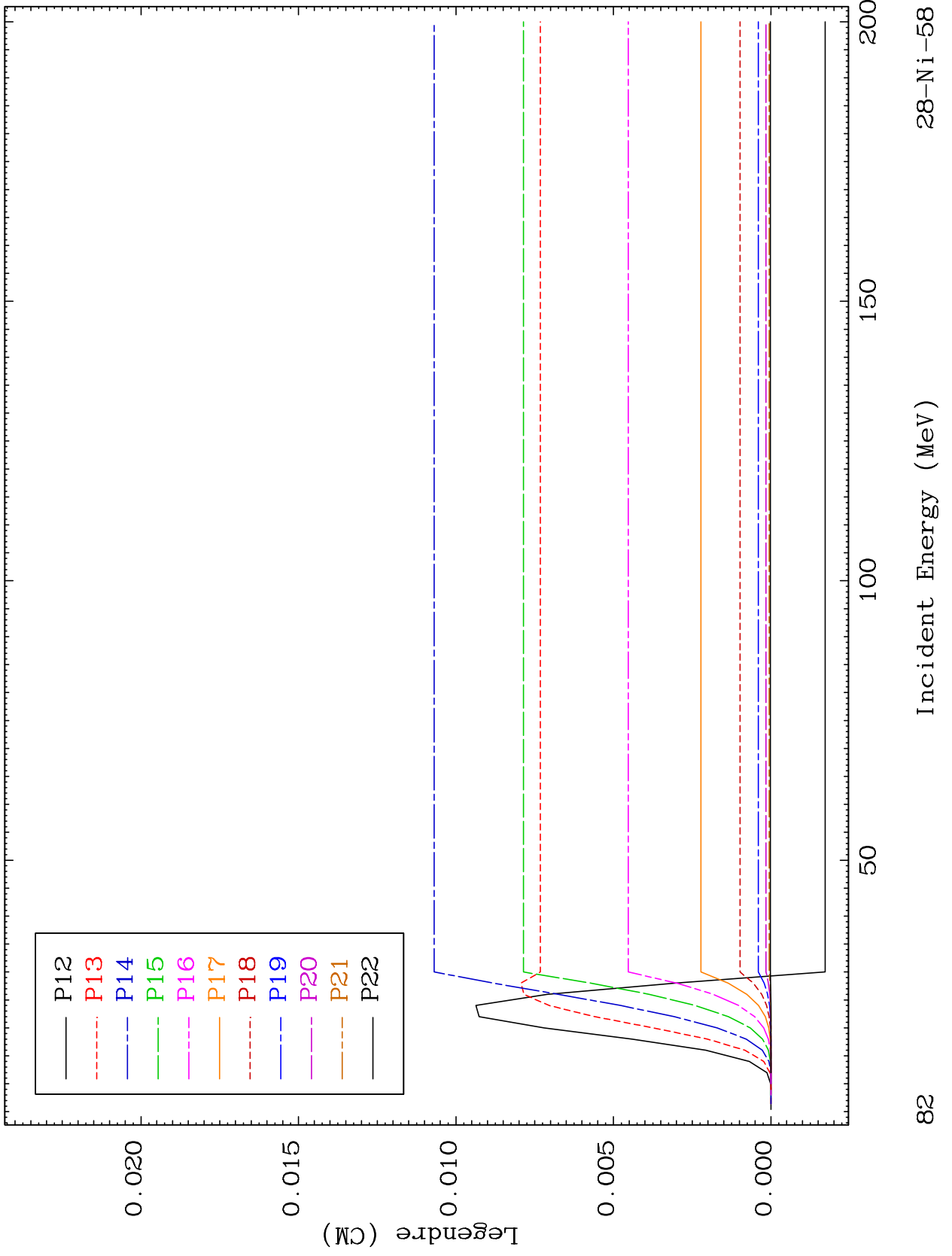
28-Ni-58



81

Incident Energy (MeV)

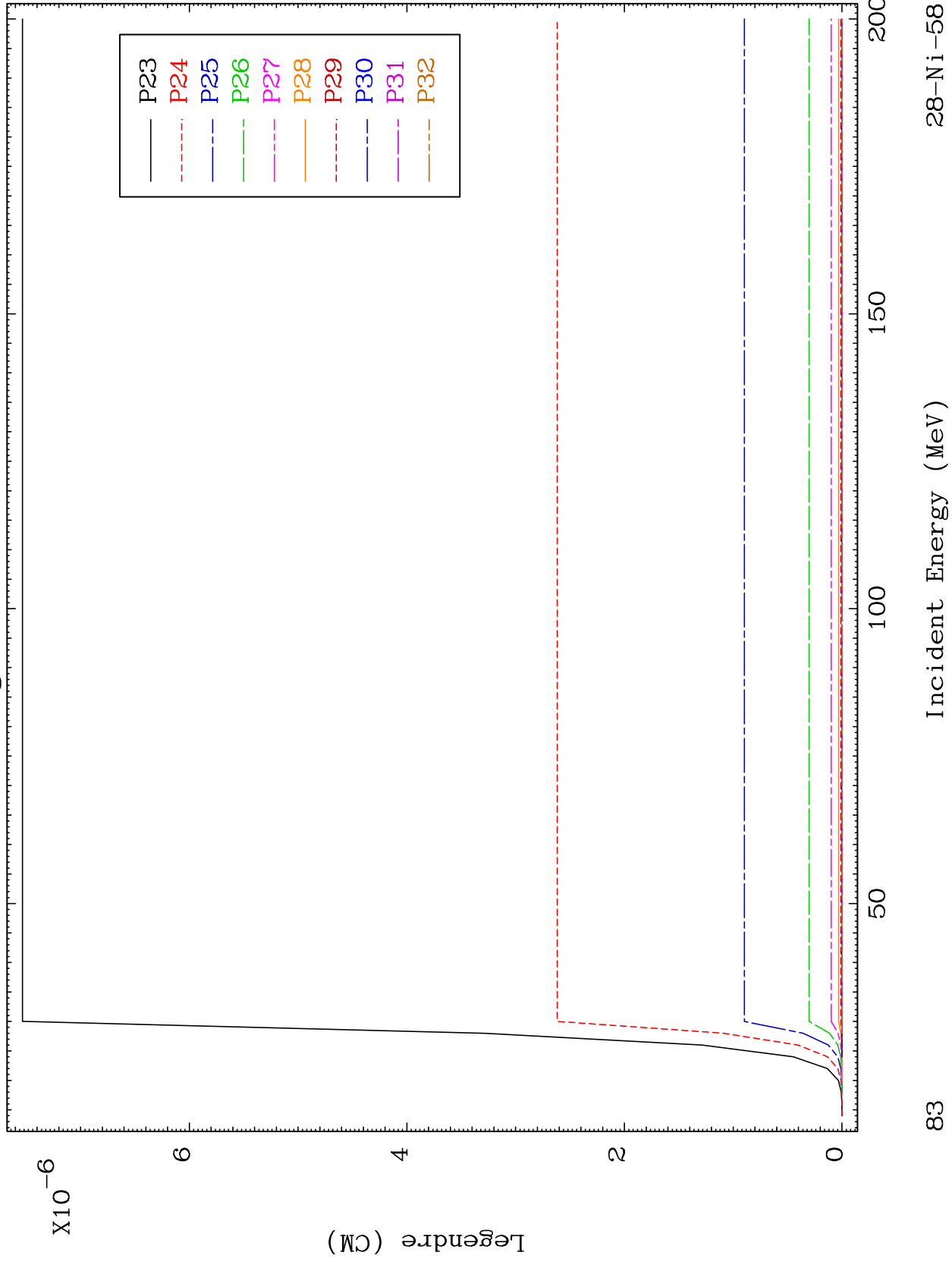
28-Ni-58



MAT 2825

MT= 72 (n,n') Level  
Legendre Coefficients

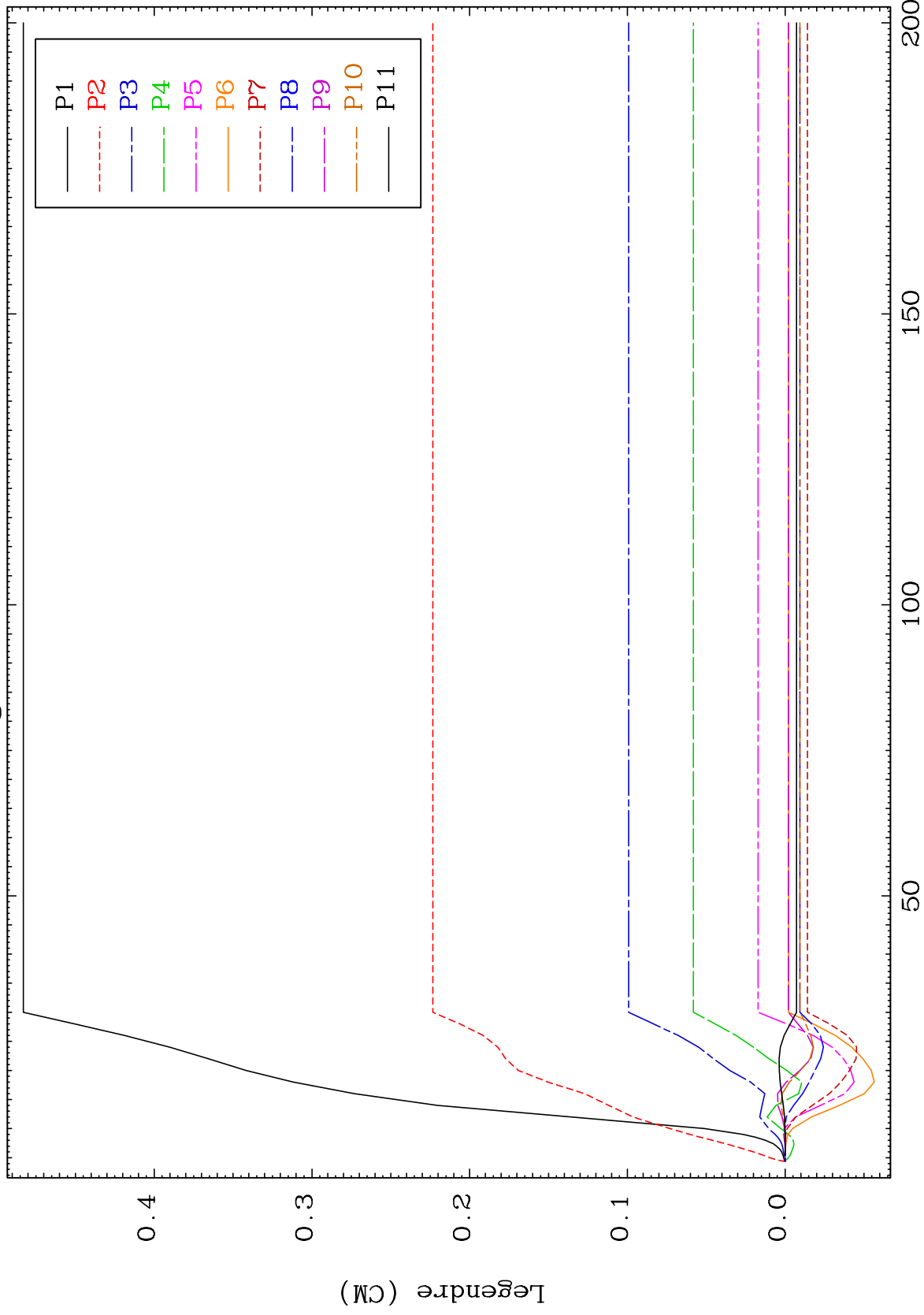
28-Ni-58



MAT 2825

MT= 73 (n,n') Level  
Legendre Coefficients

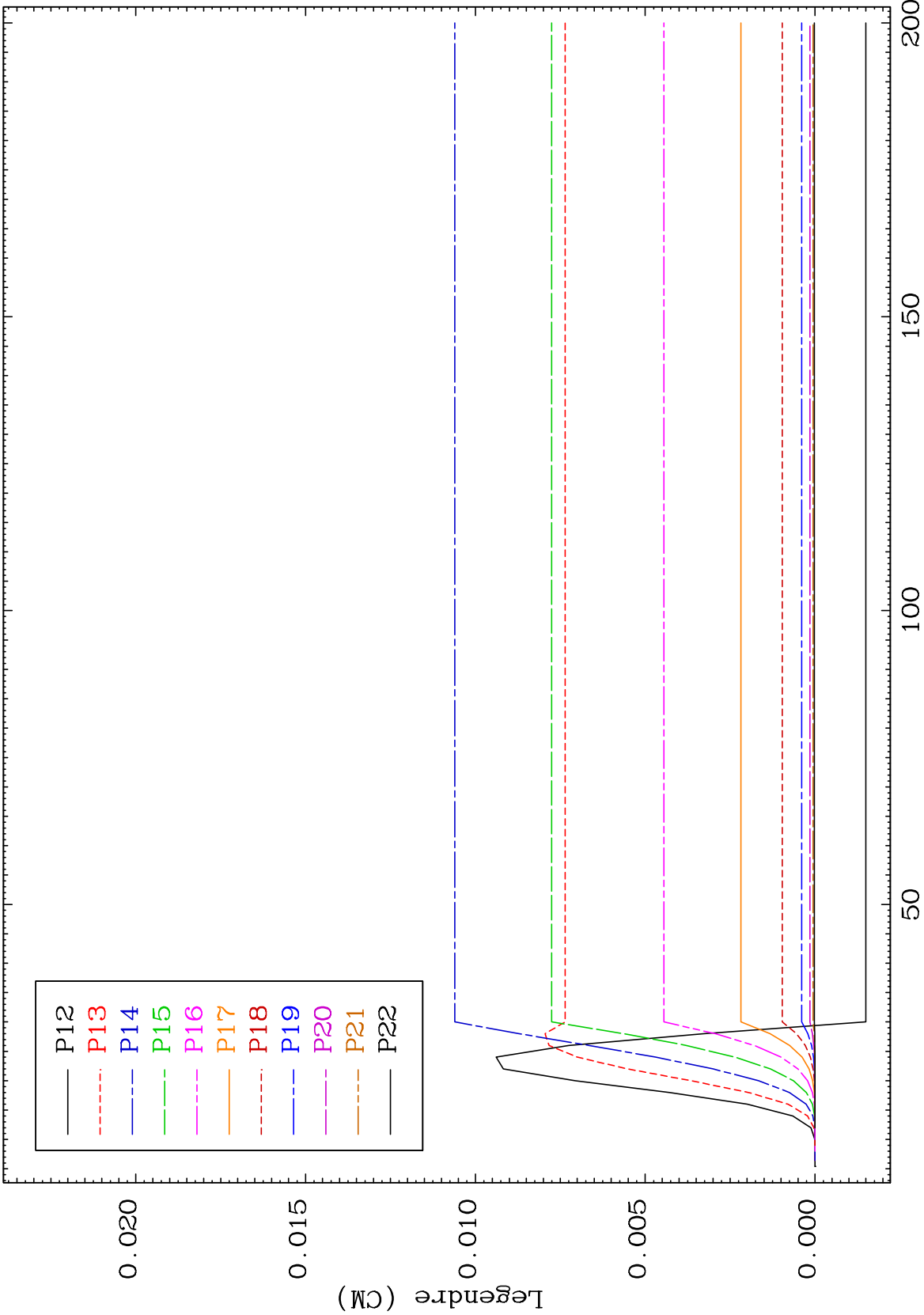
28-Ni-58



84

Incident Energy (MeV)

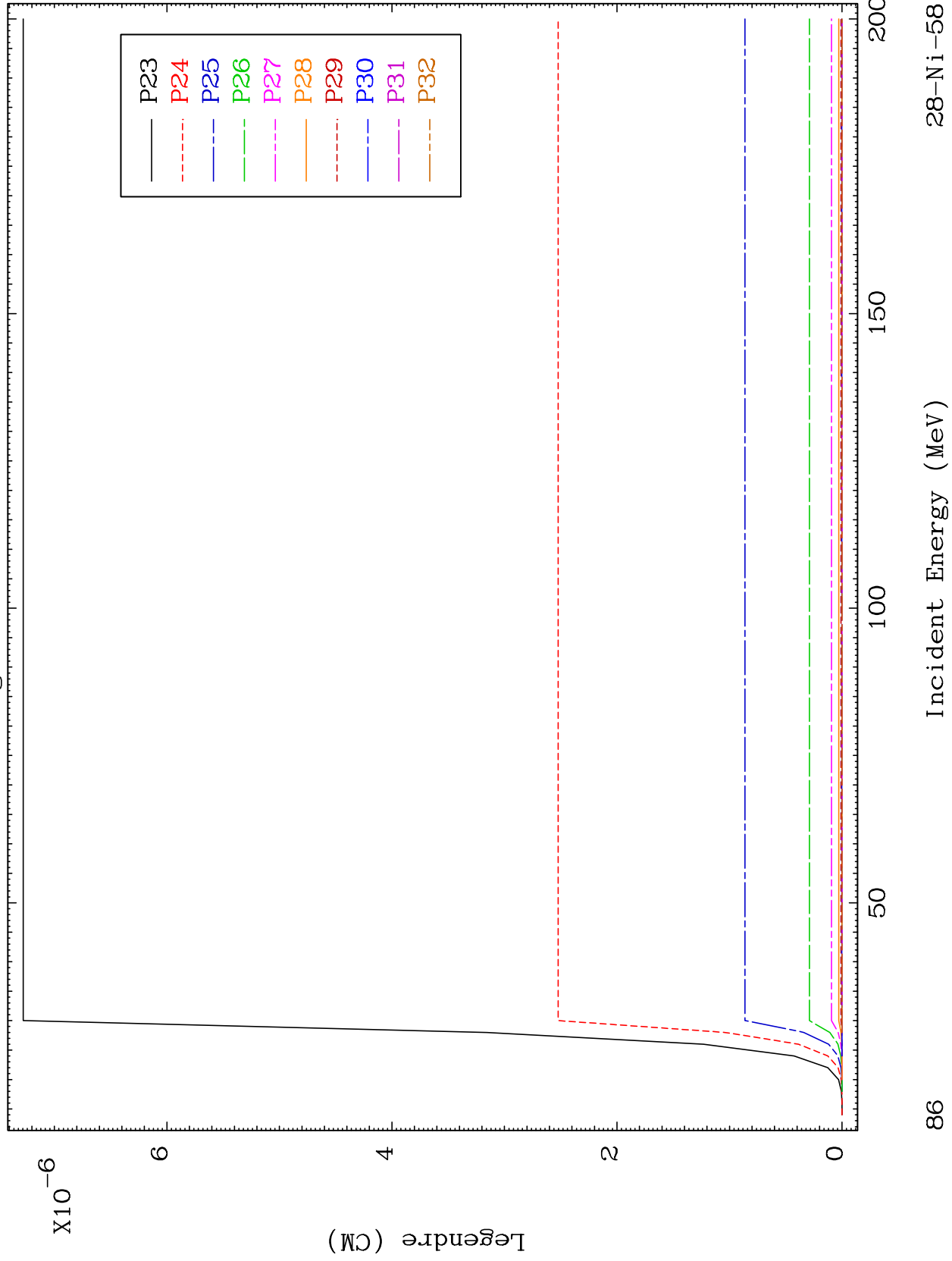
28-Ni-58



MAT 2825

MT= 73 (n,n') Level  
Legendre Coefficients

28-Ni-58



86

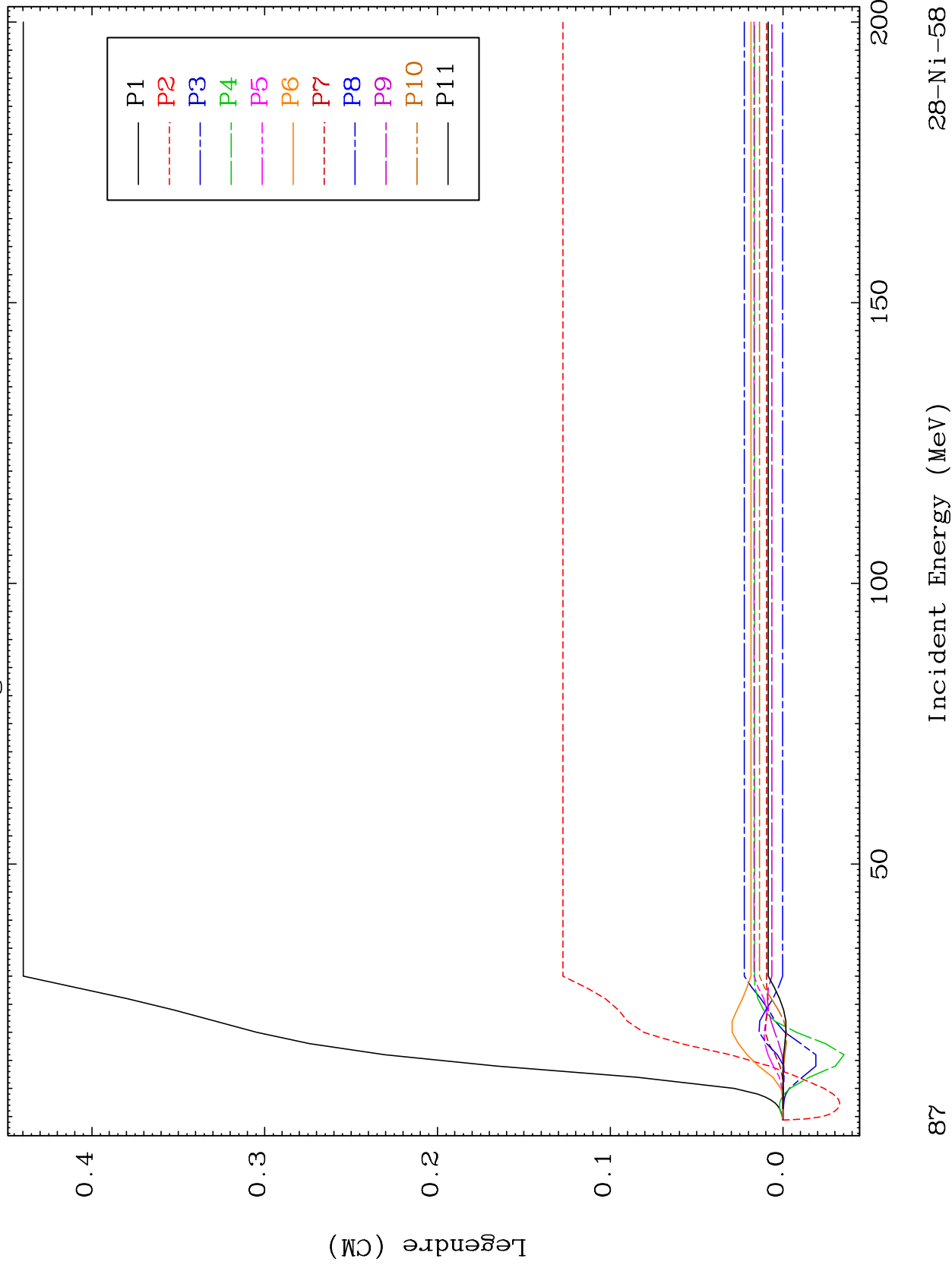
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 74 (n,n') Level  
Legendre Coefficients

28-Ni-58

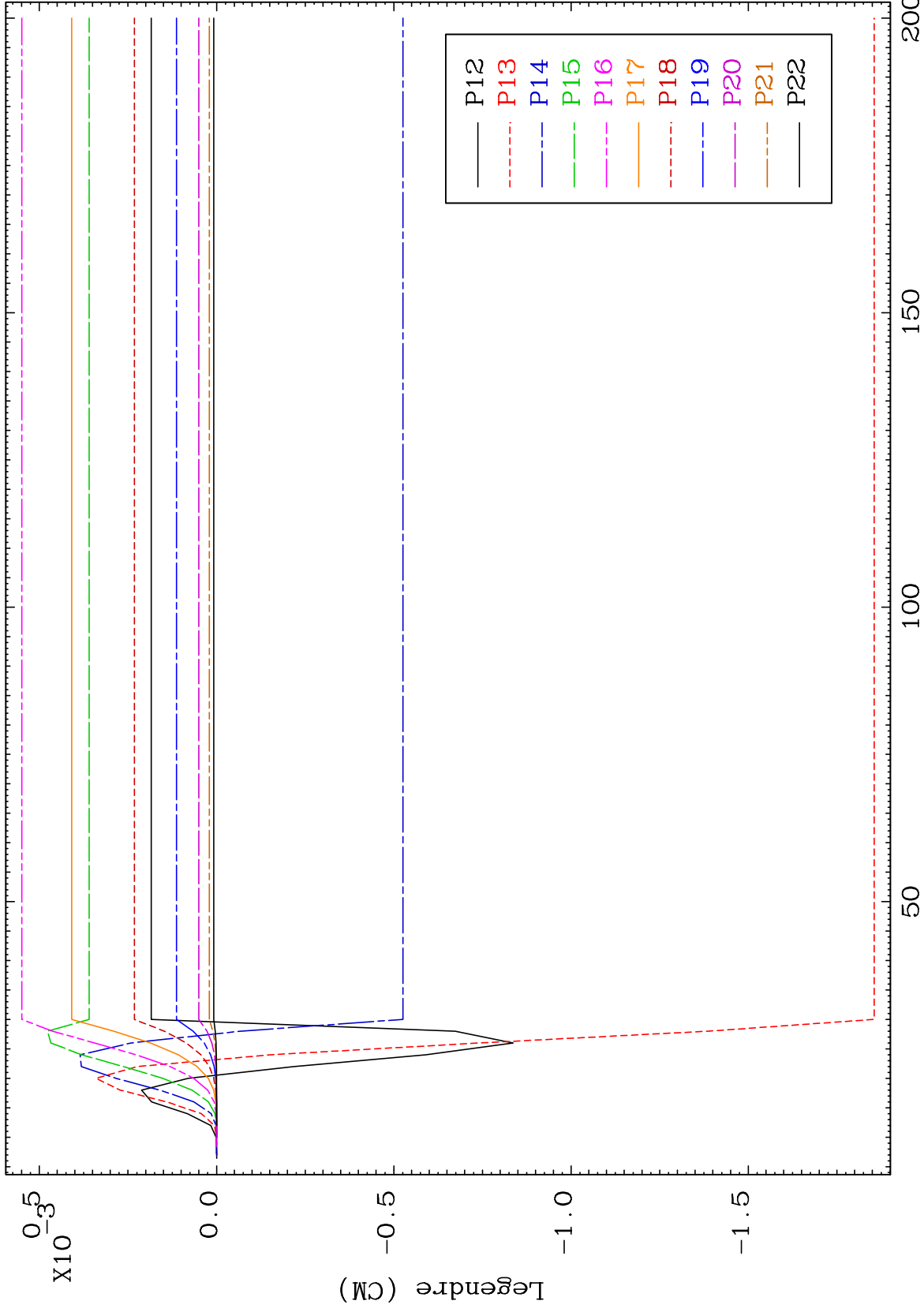


87

Incident Energy (MeV)

28-Ni-58

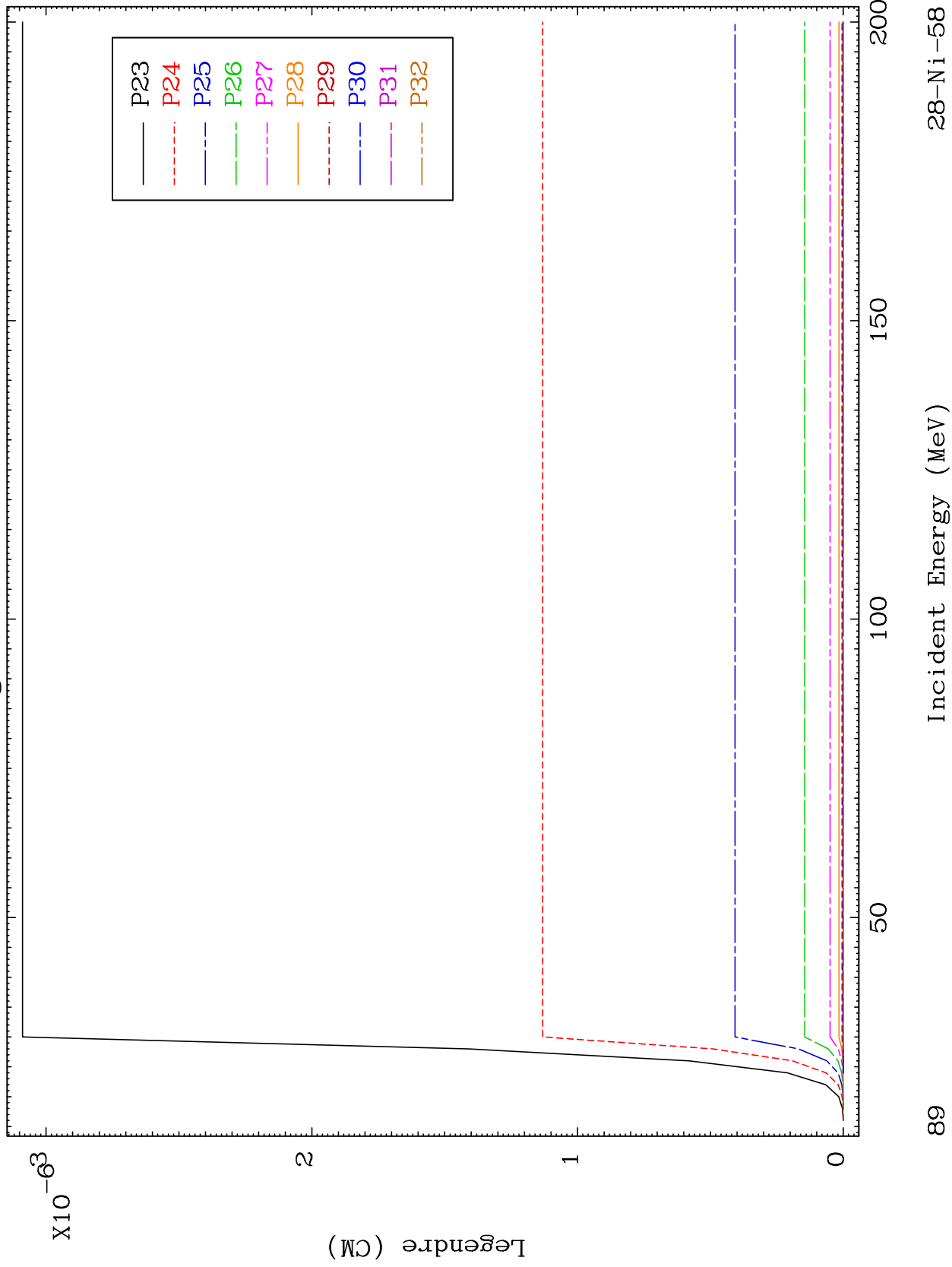




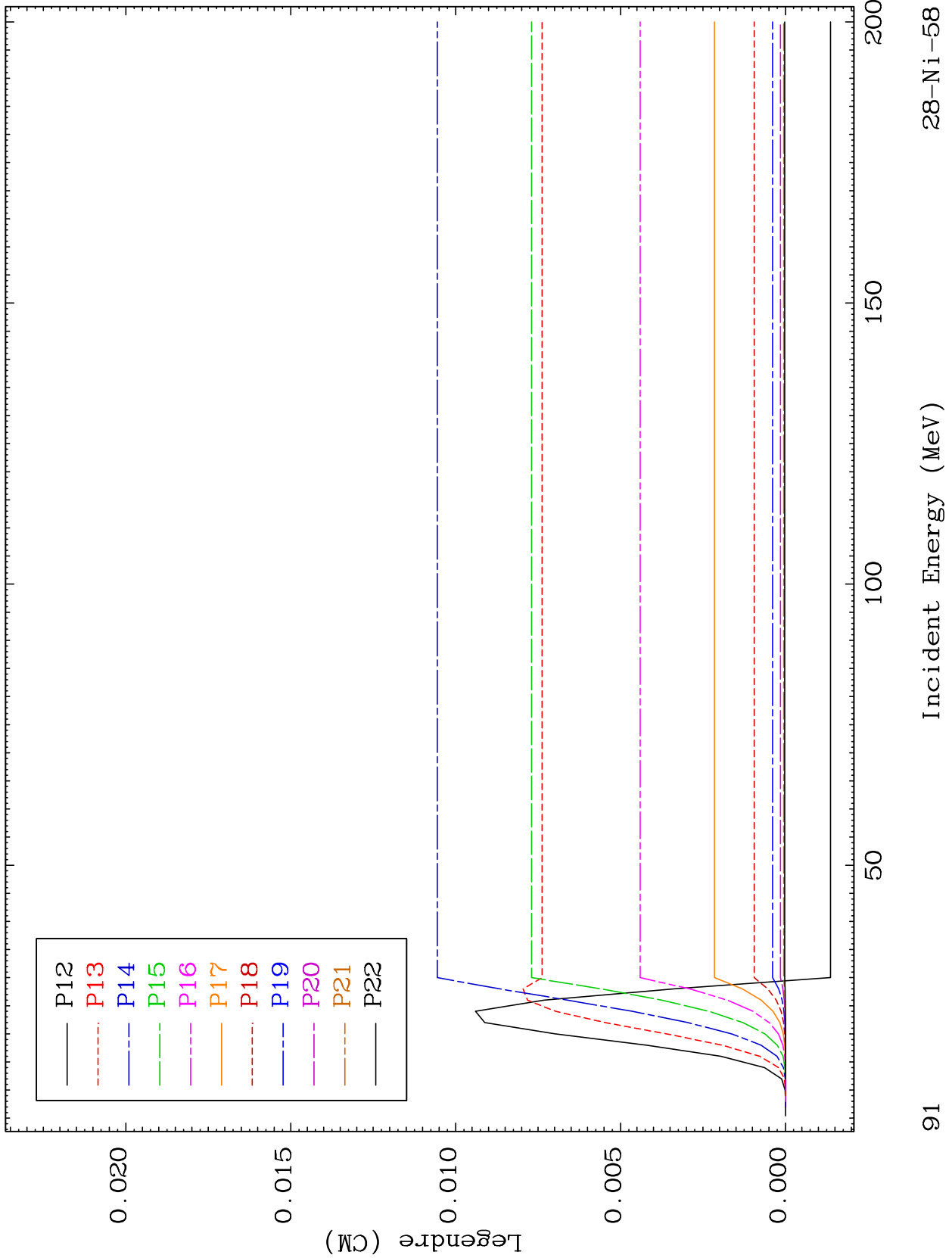
MAT 2825

MT= 74 (n,n') Level  
Legendre Coefficients

28-Ni-58



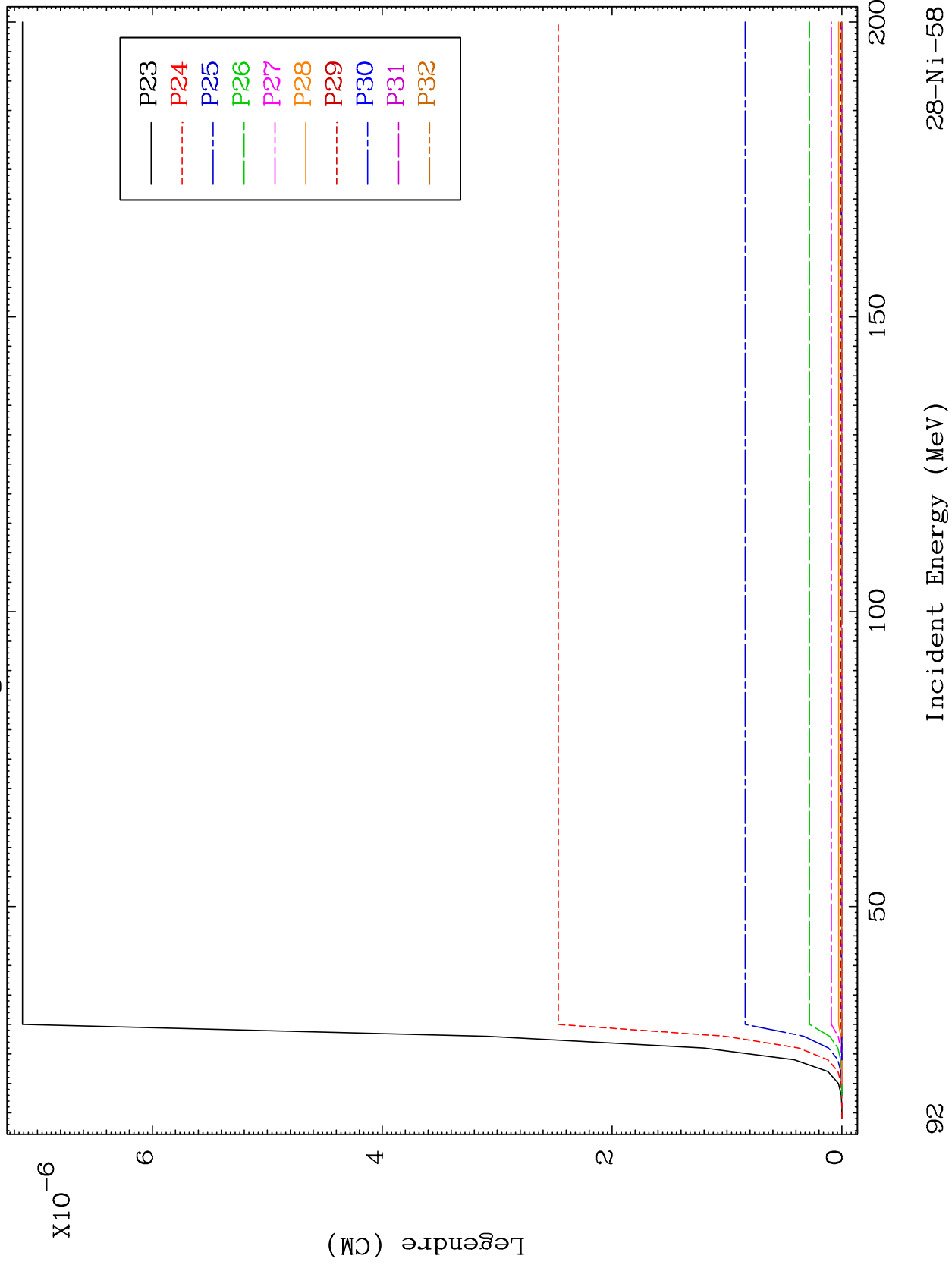




MAT 2825

MT= 75 (n,n') Level  
Legendre Coefficients

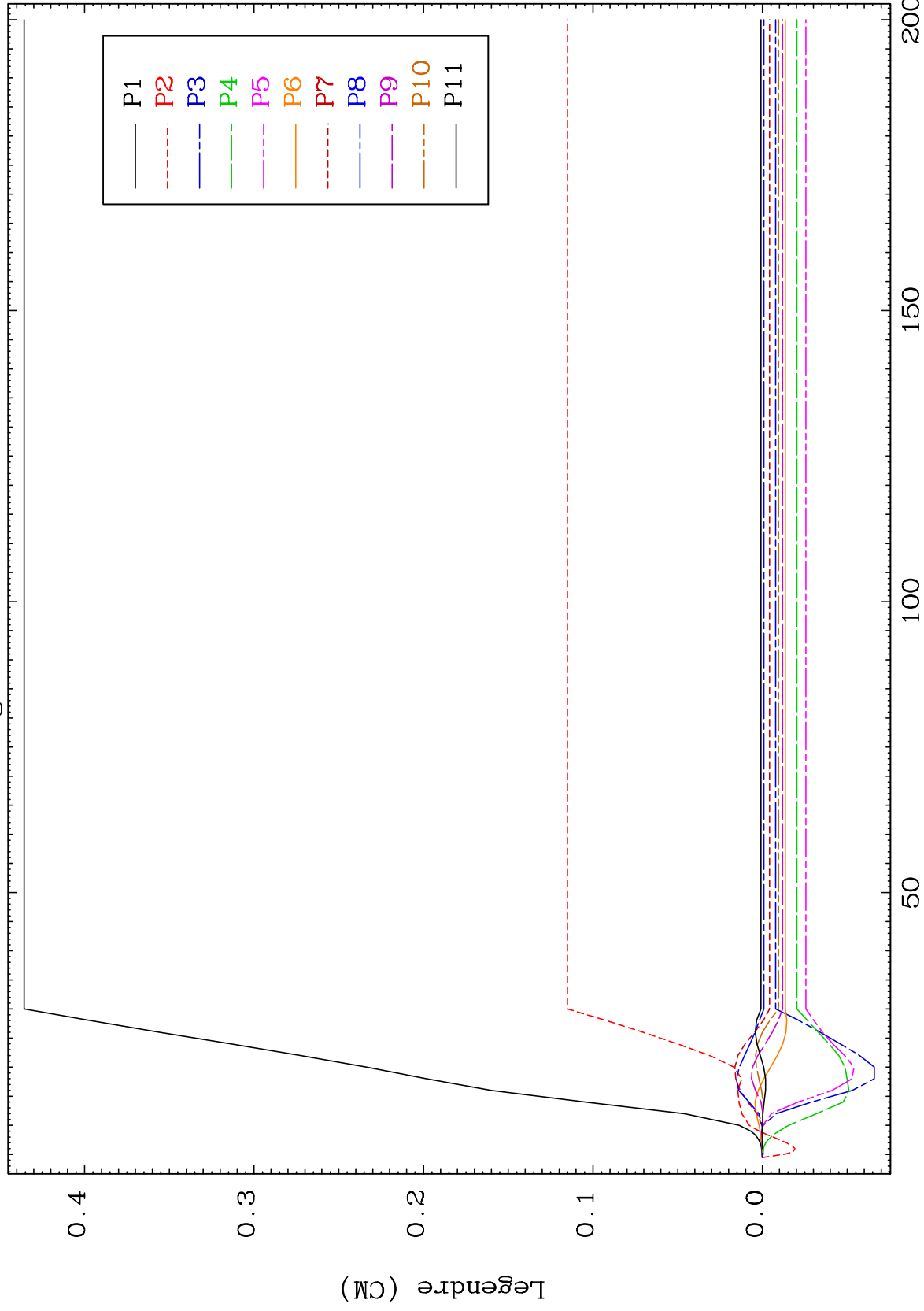
28-Ni-58



MAT 2825

MT= 76 (n,n') Level  
Legendre Coefficients

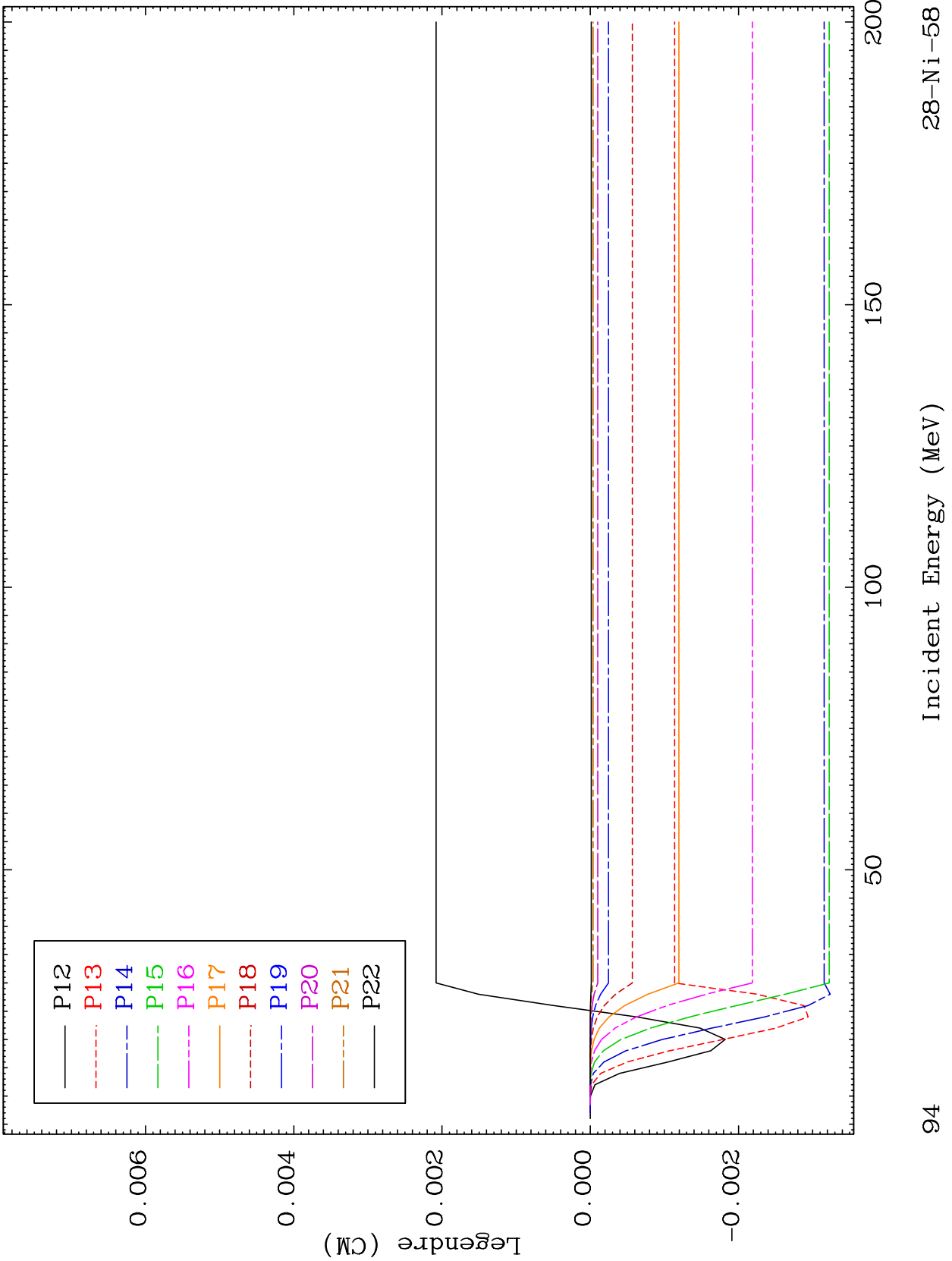
28-Ni-58

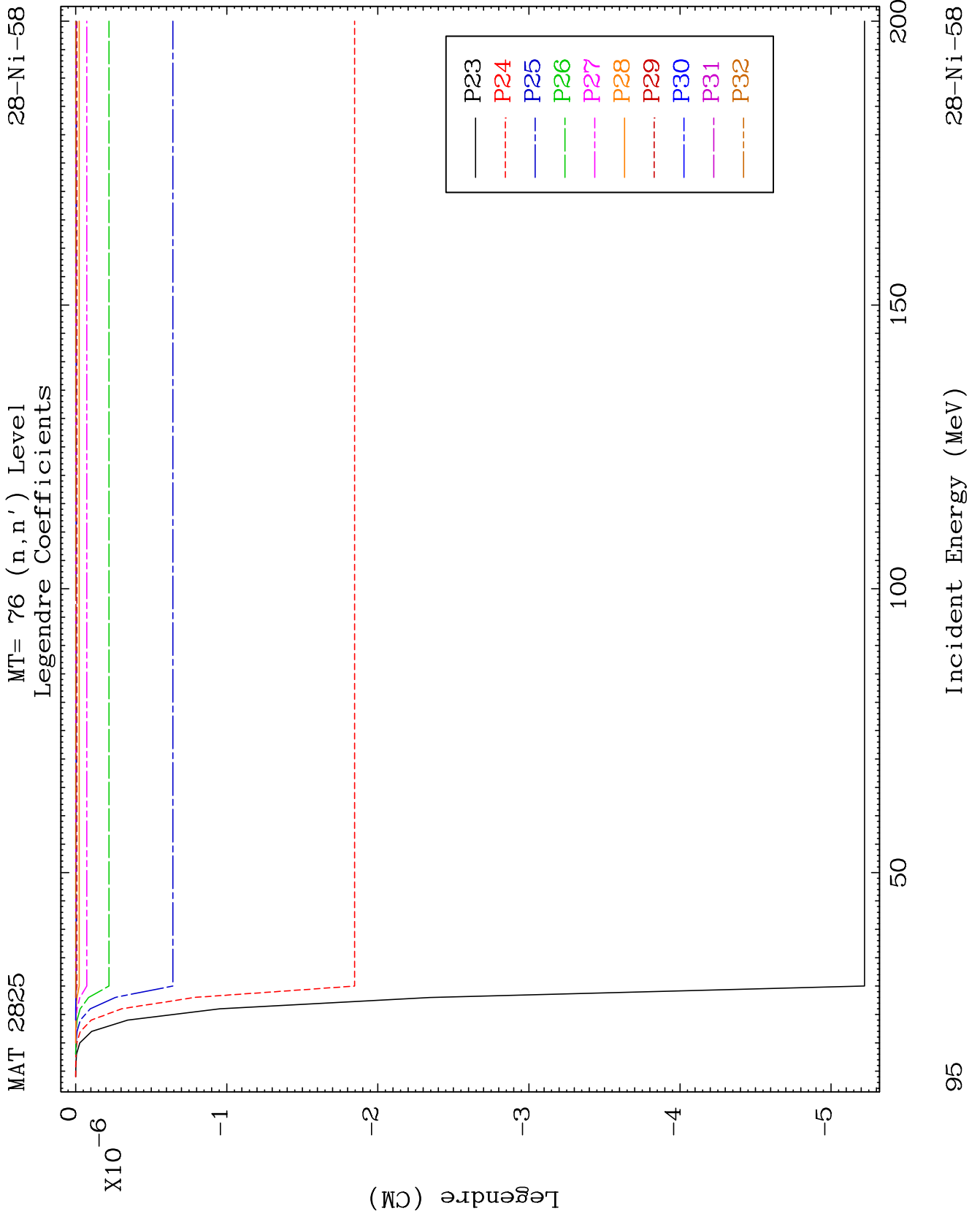


93

Incident Energy (MeV)

28-Ni-58



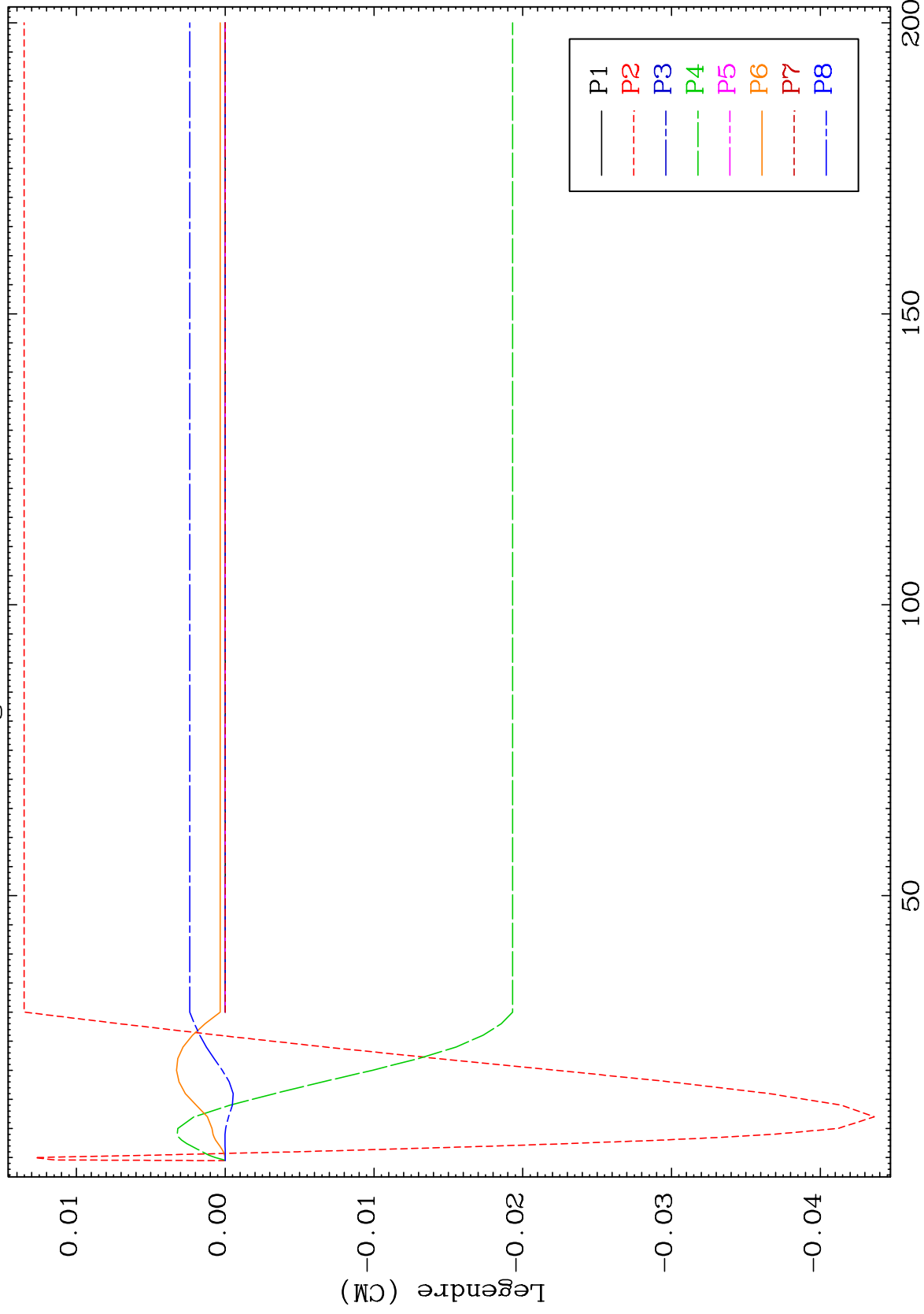




MAT 2825

MT= 77 (n,n') Level  
Legendre Coefficients

28-Ni-58



96

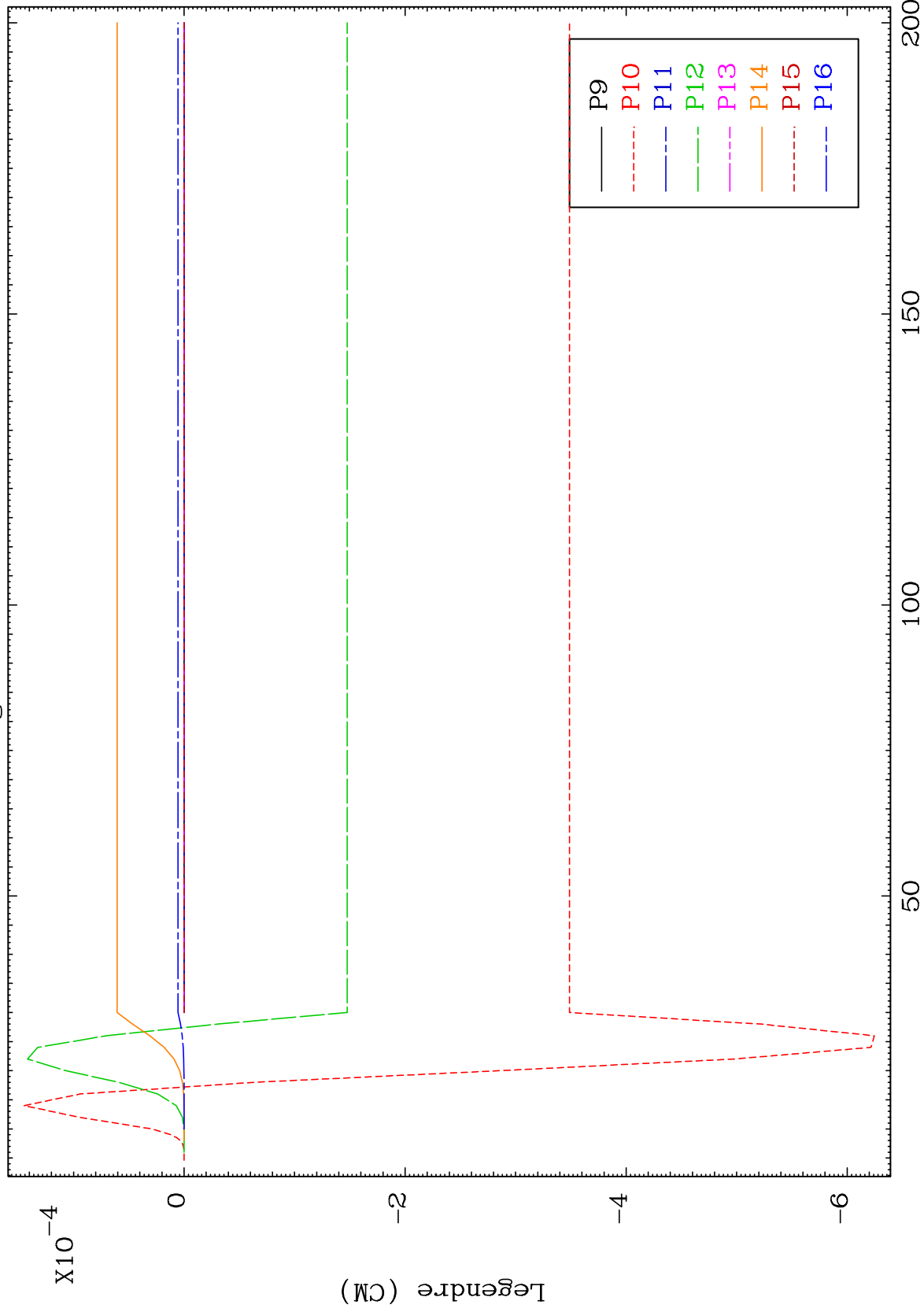
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 77 (n,n') Level  
Legendre Coefficients

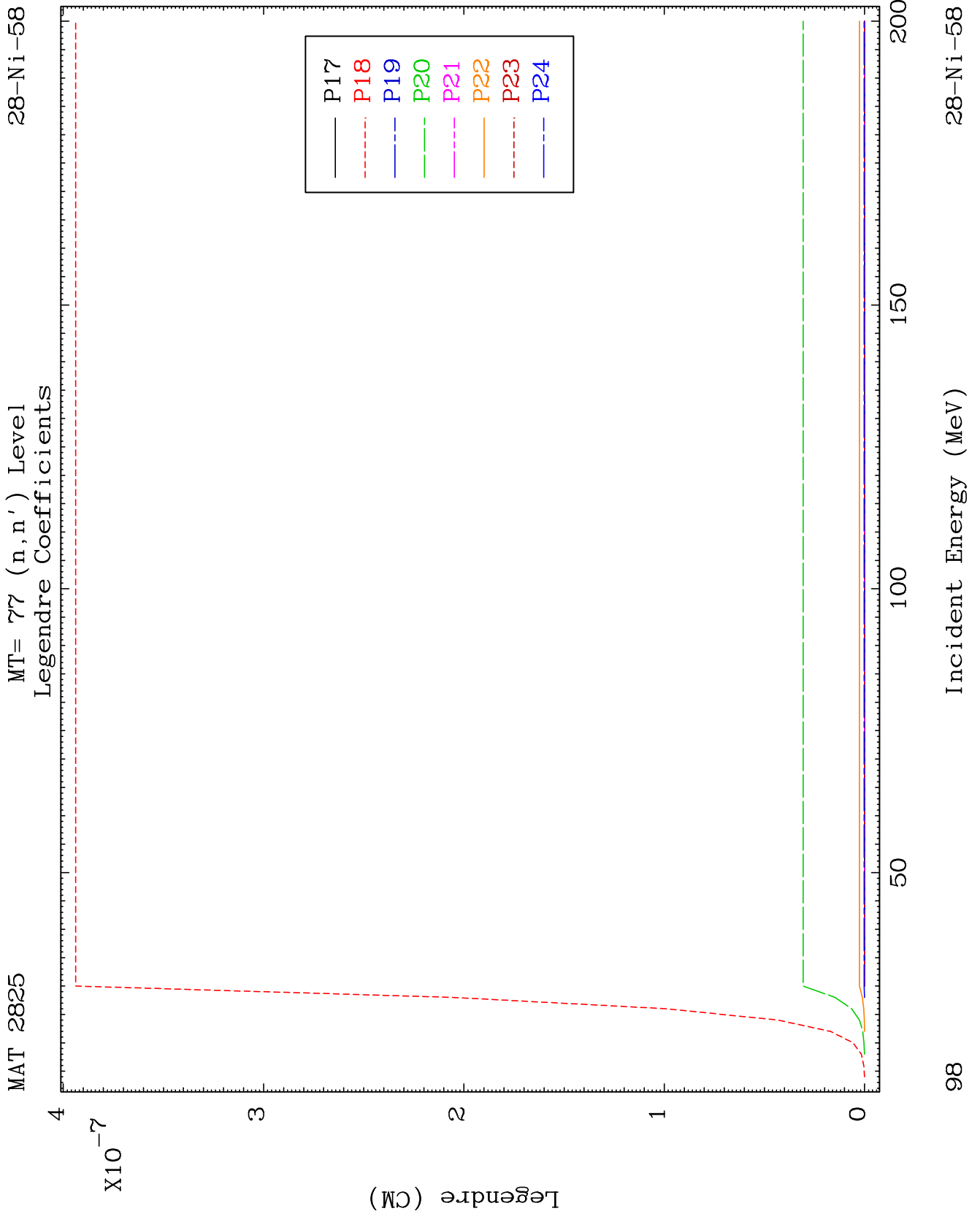
28-Ni-58



97

Incident Energy (MeV)

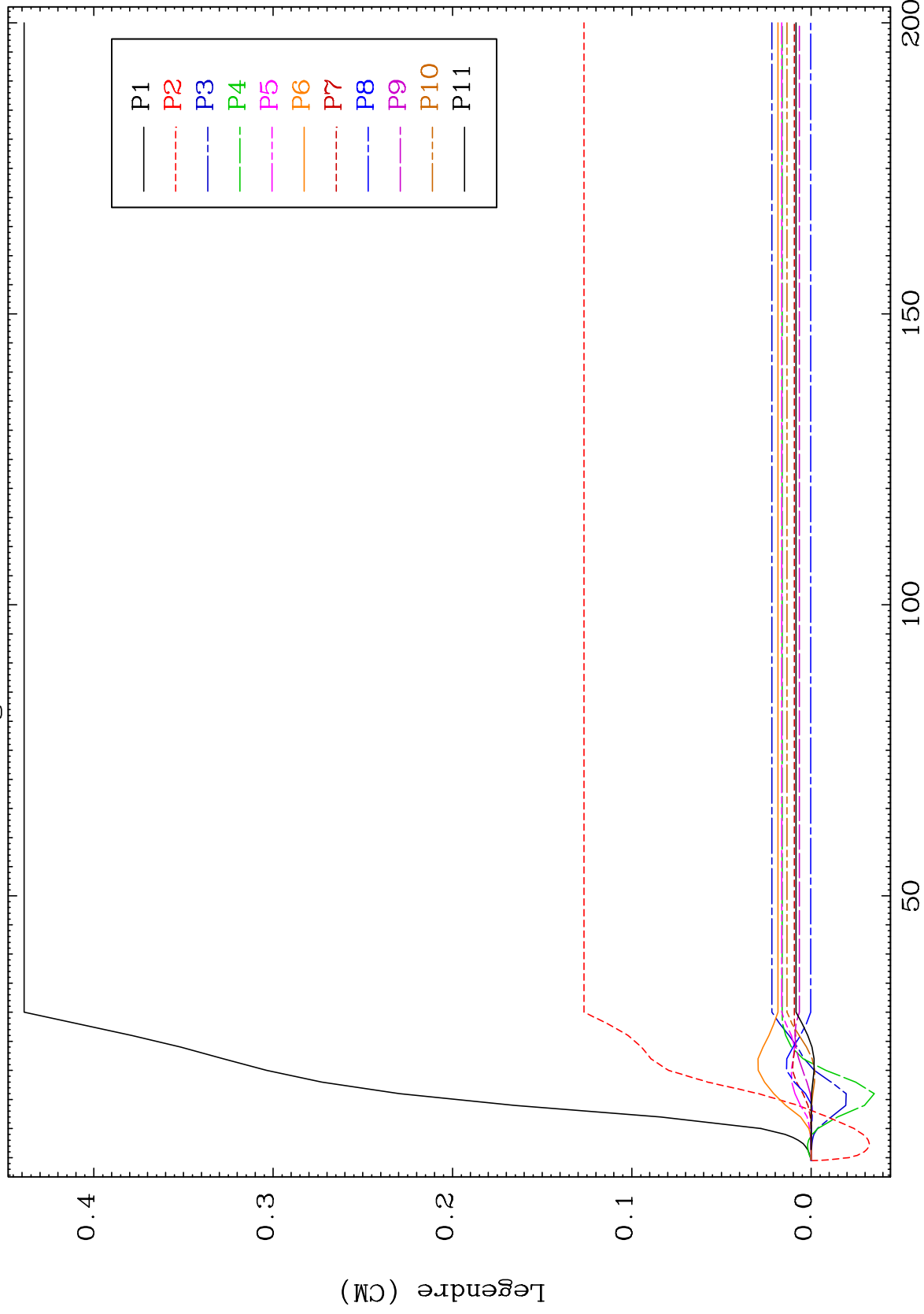
28-Ni-58



MAT 2825

MT= 78 (n,n') Level  
Legendre Coefficients

28-Ni-58



99

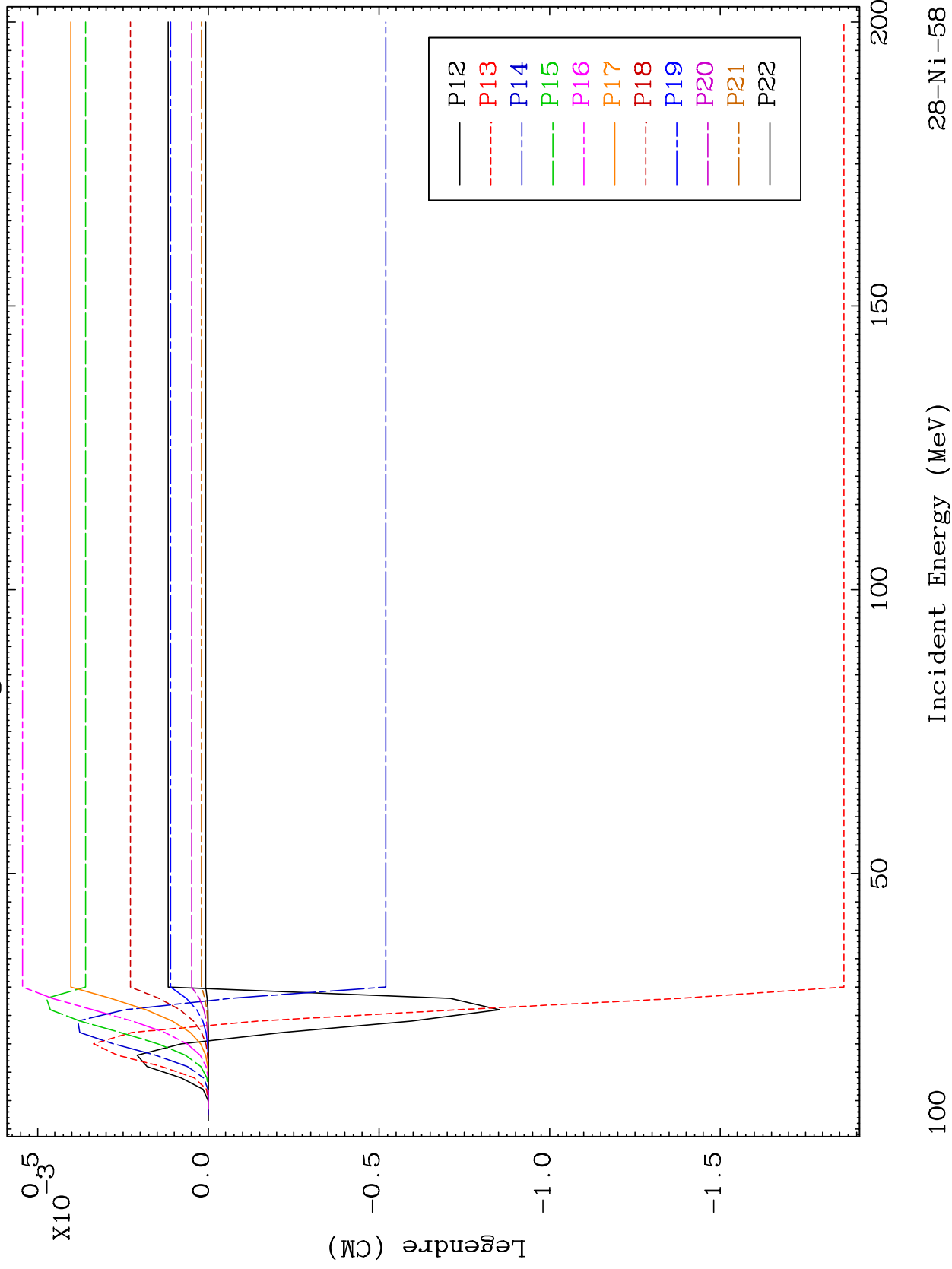
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 78 (n,n') Level  
Legendre Coefficients

28-Ni-58



100

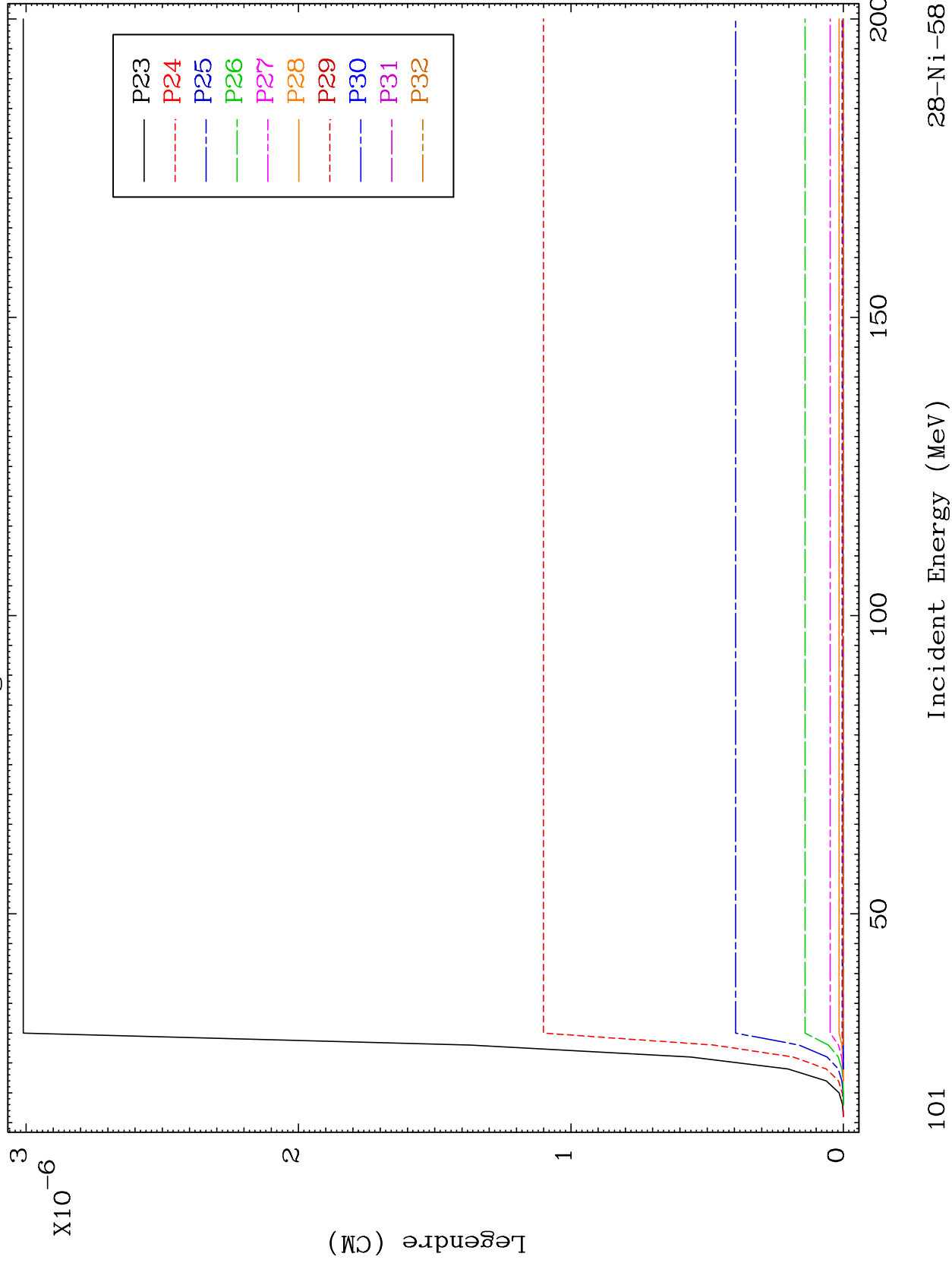
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 78 (n,n') Level  
Legendre Coefficients

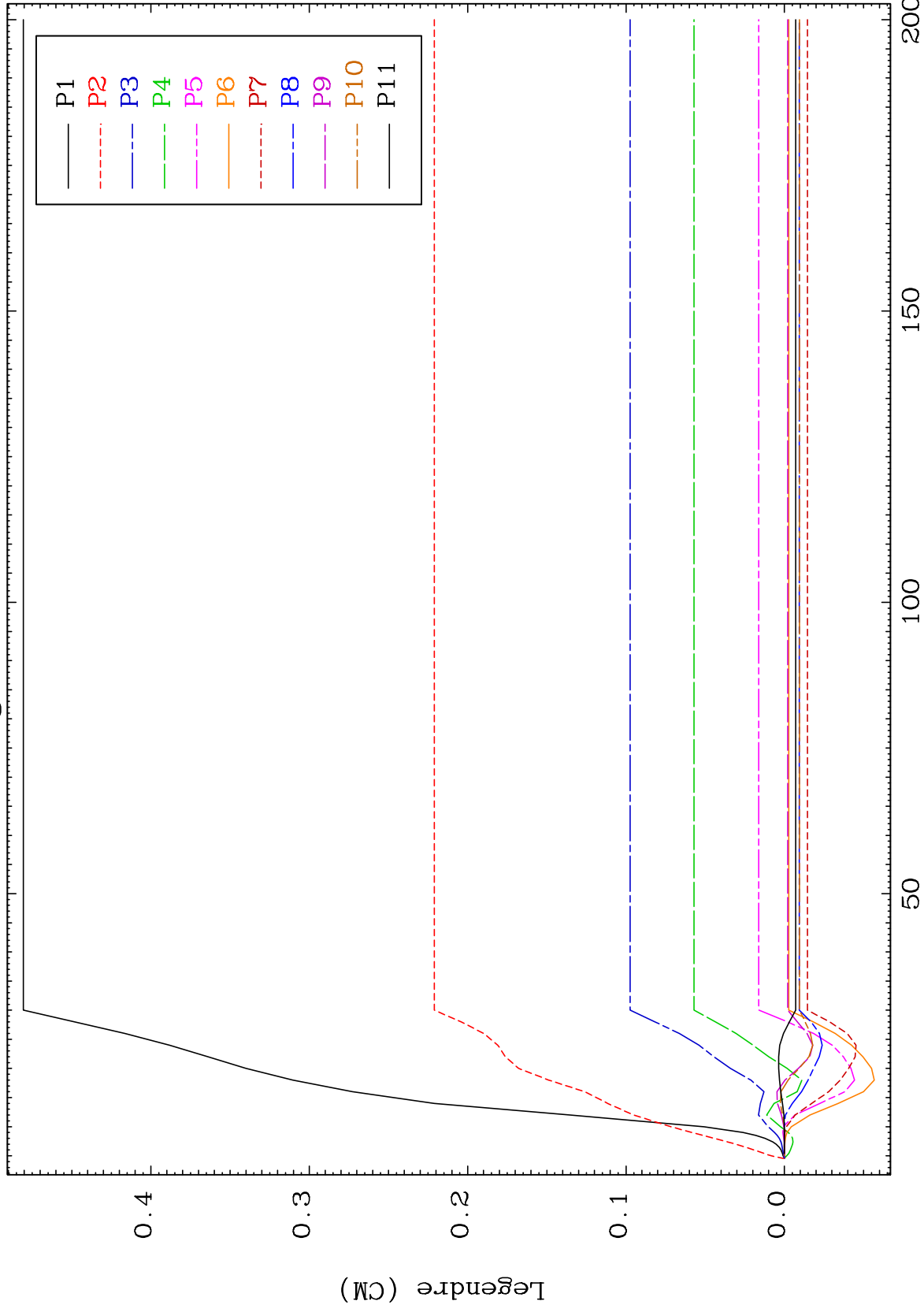
28-Ni-58



MAT 2825

MT= 79 (n,n') Level  
Legendre Coefficients

28-Ni-58



102

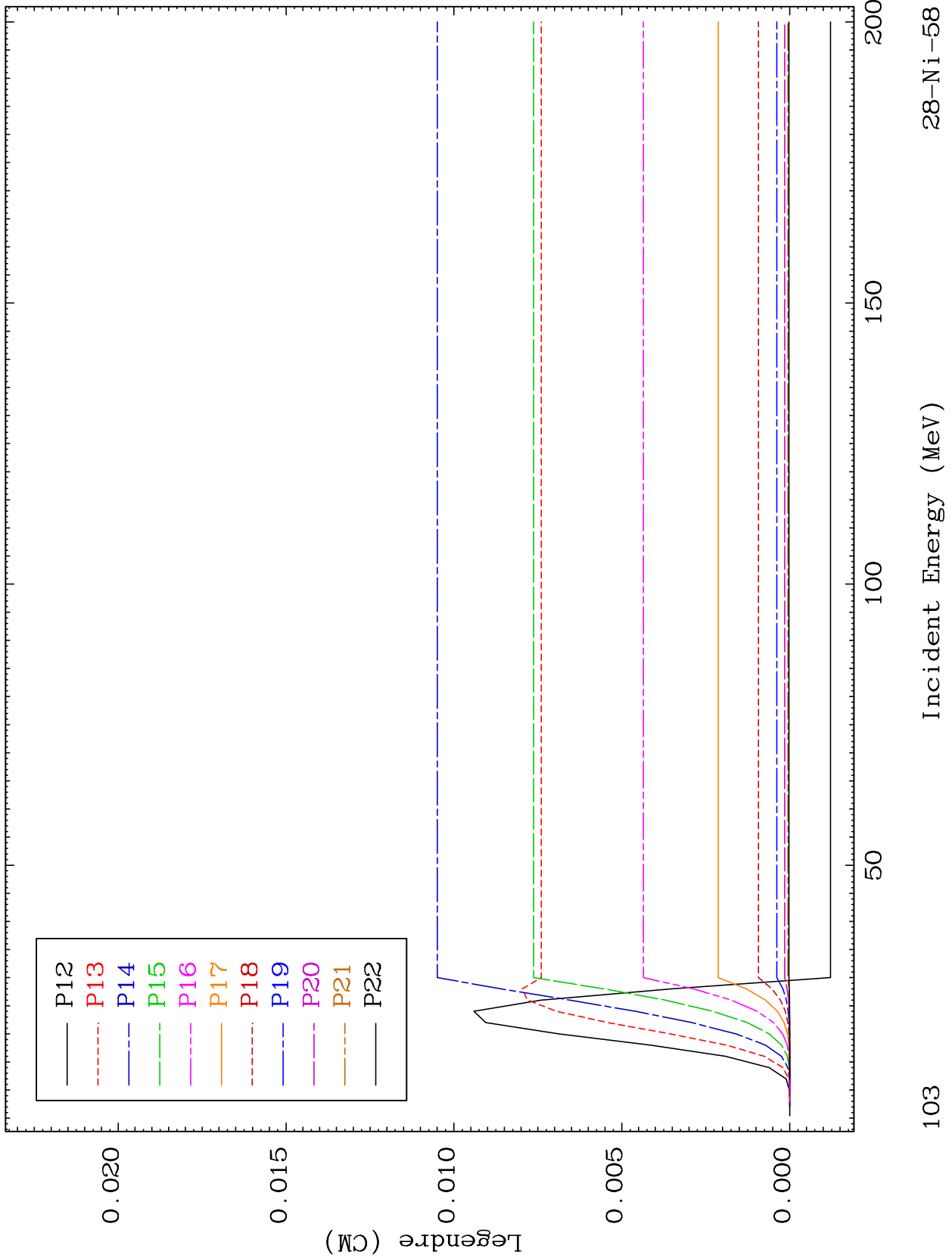
Incident Energy (MeV)

28-Ni-58

MAT 2825

MT= 79 (n,n') Level  
Legendre Coefficients

28-Ni-58



103

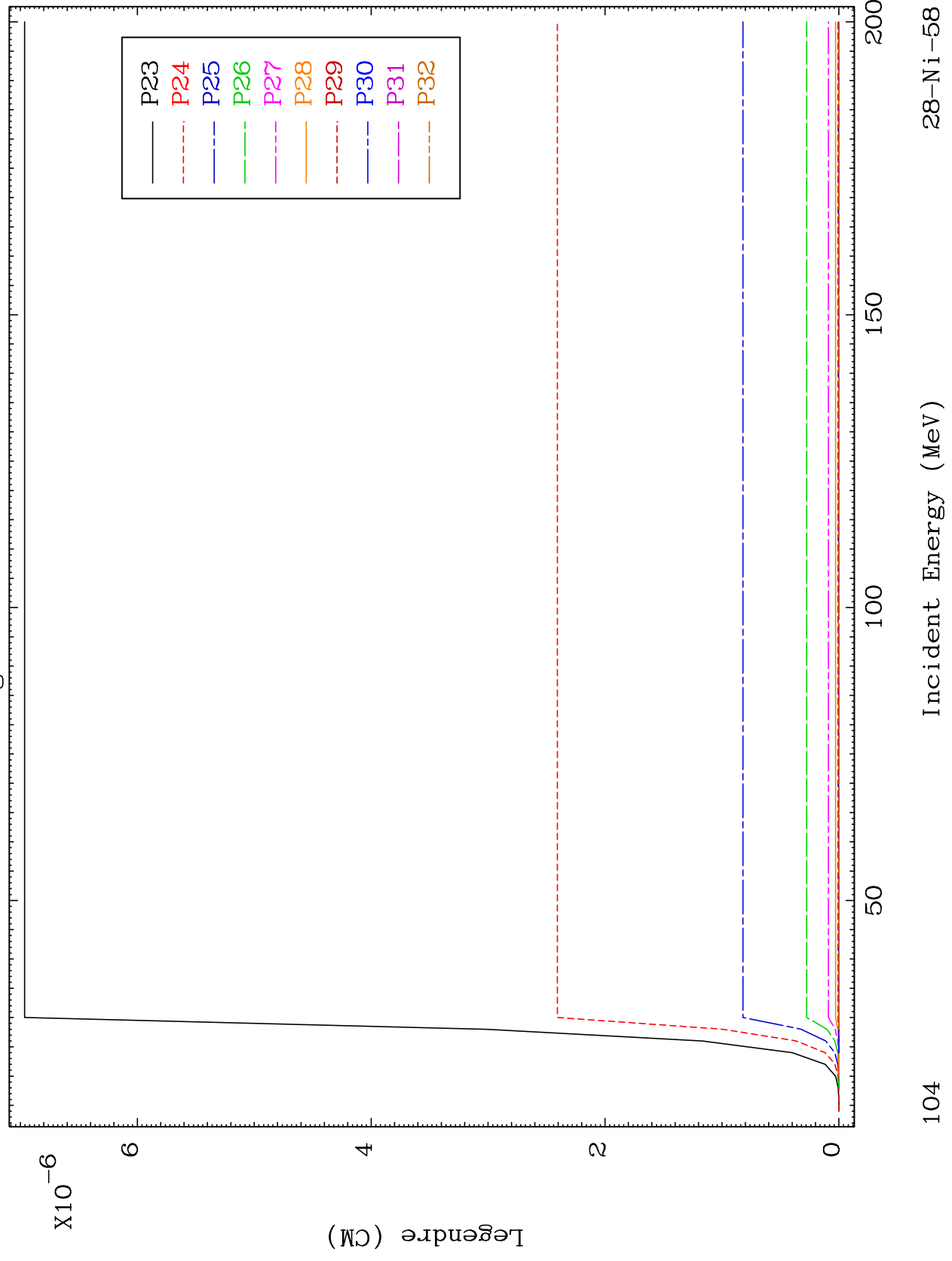
28-Ni-58



MAT 2825

MT= 79 (n,n') Level  
Legendre Coefficients

28-Ni-58

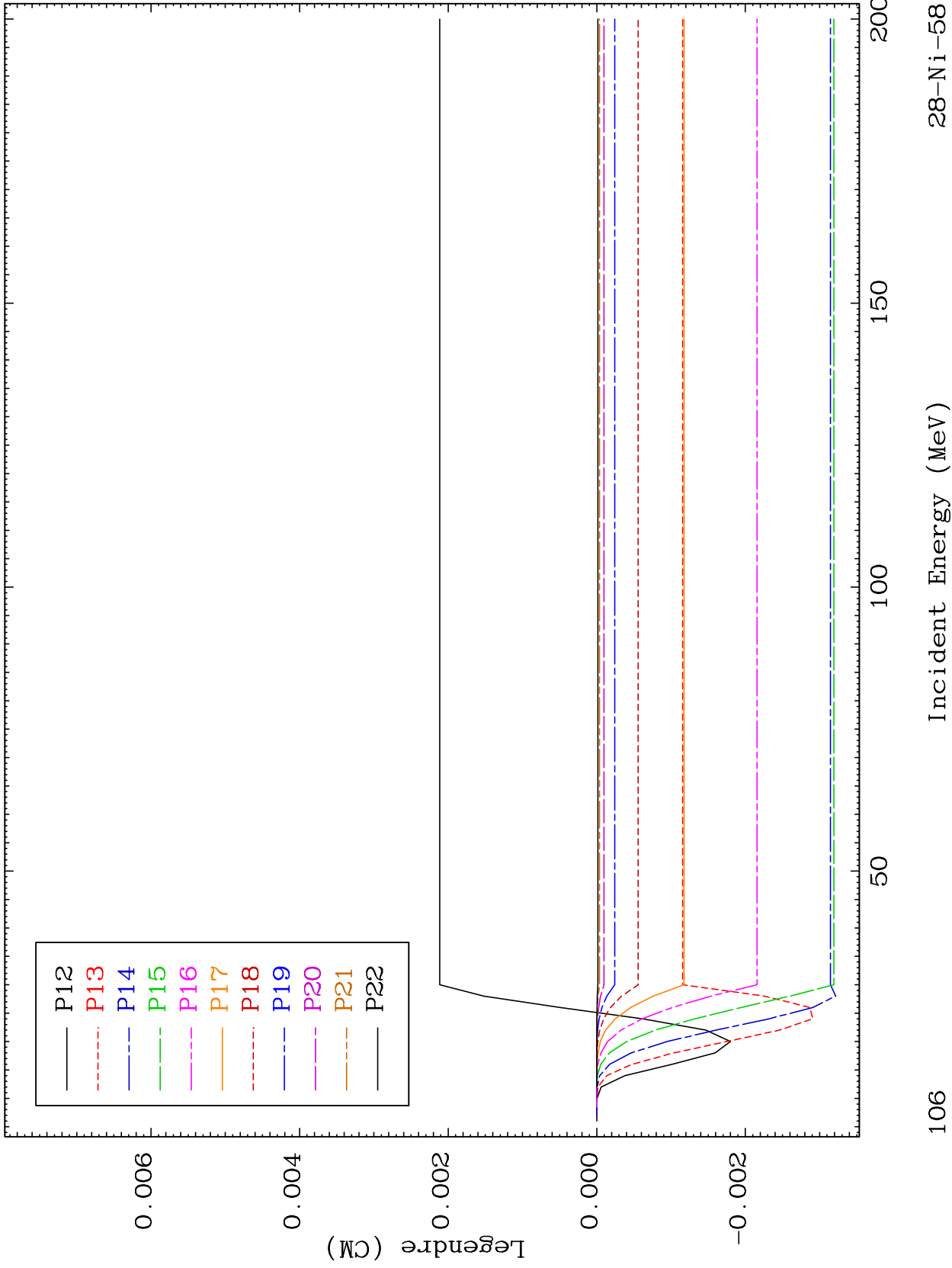




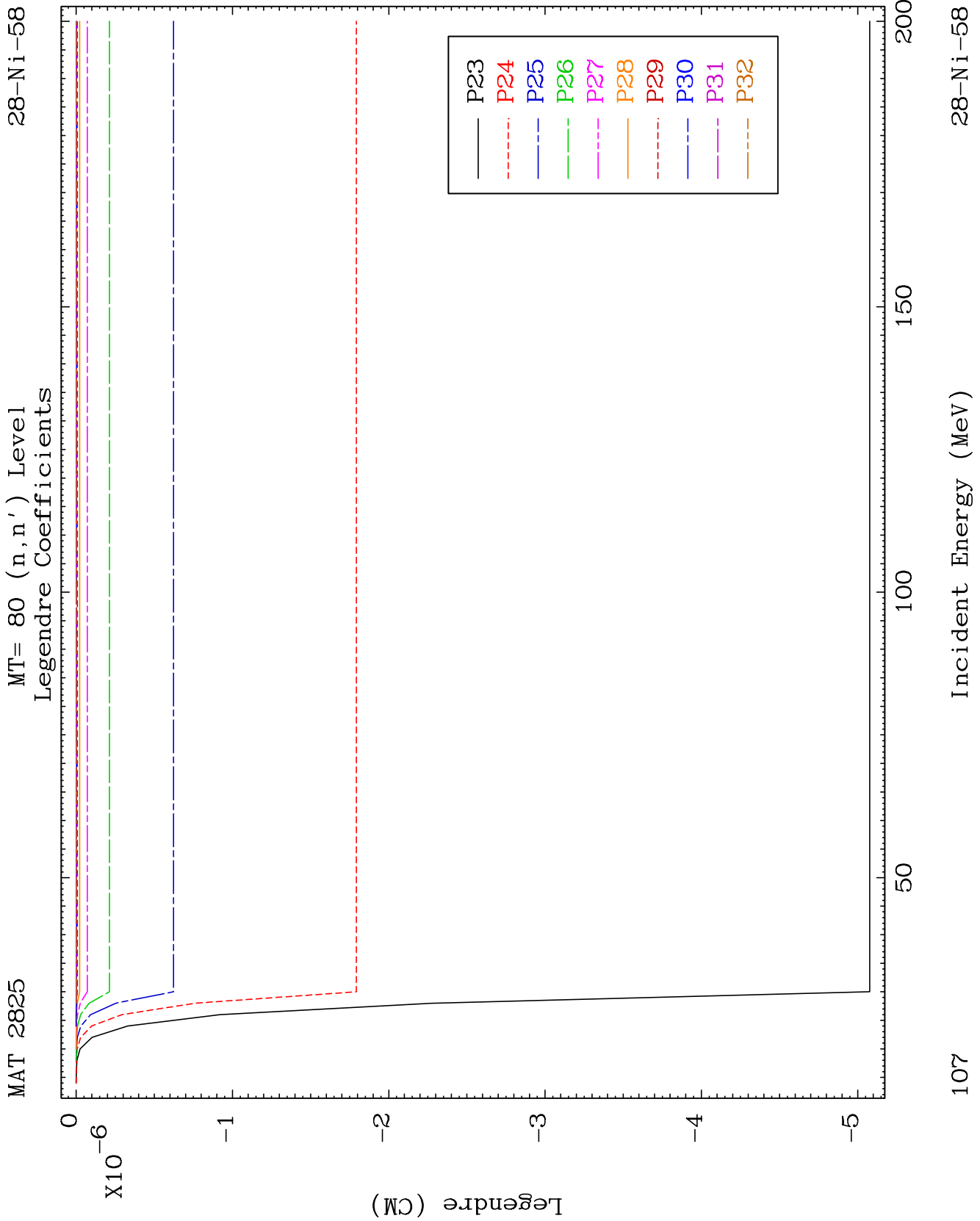
MAT 2825

MT= 80 (n,n') Level  
Legendre Coefficients

28-Ni-58



106

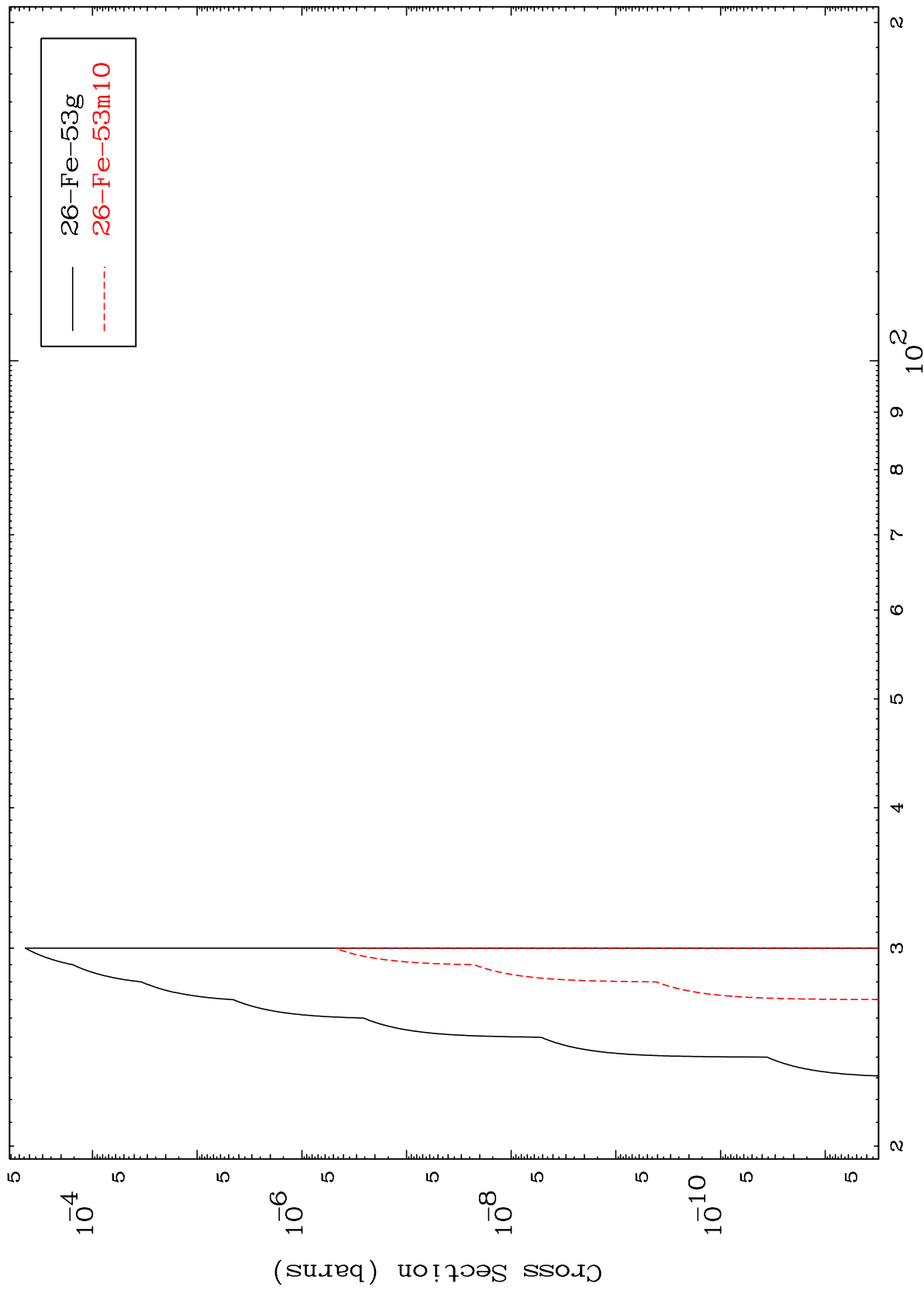


MAT 2825

(n,2n)  $\alpha$

28-Ni-58

Radionuclide Production Cross Section



108

Incident Energy (MeV)

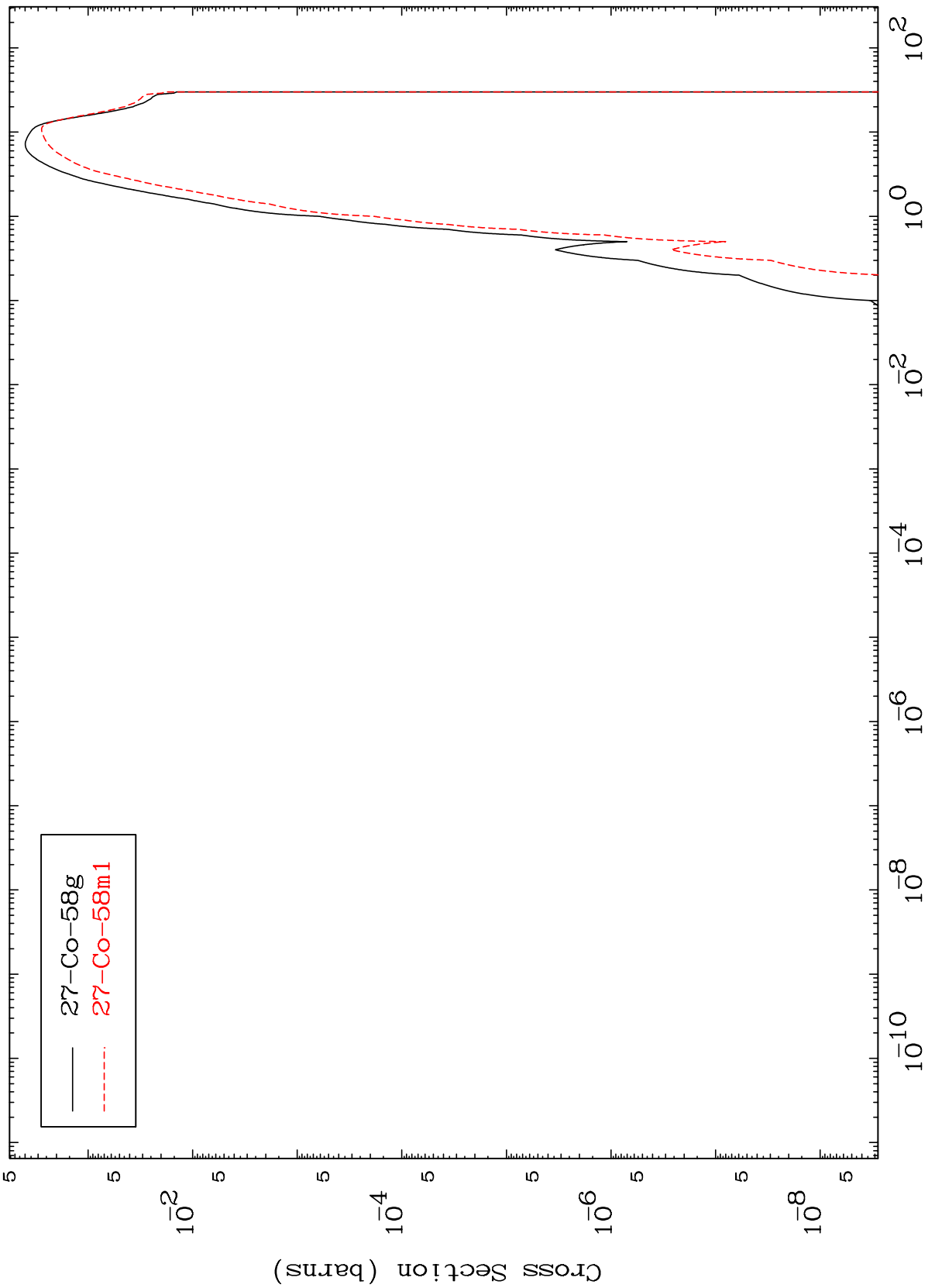
28-Ni-58

MAT 2825

(n,p)

28-Ni-58

Radionuclide Production Cross Section



— 27-Co-58g  
- - - 27-Co-58m1