

Program EVALPLOT
(Version 2021-1)

by

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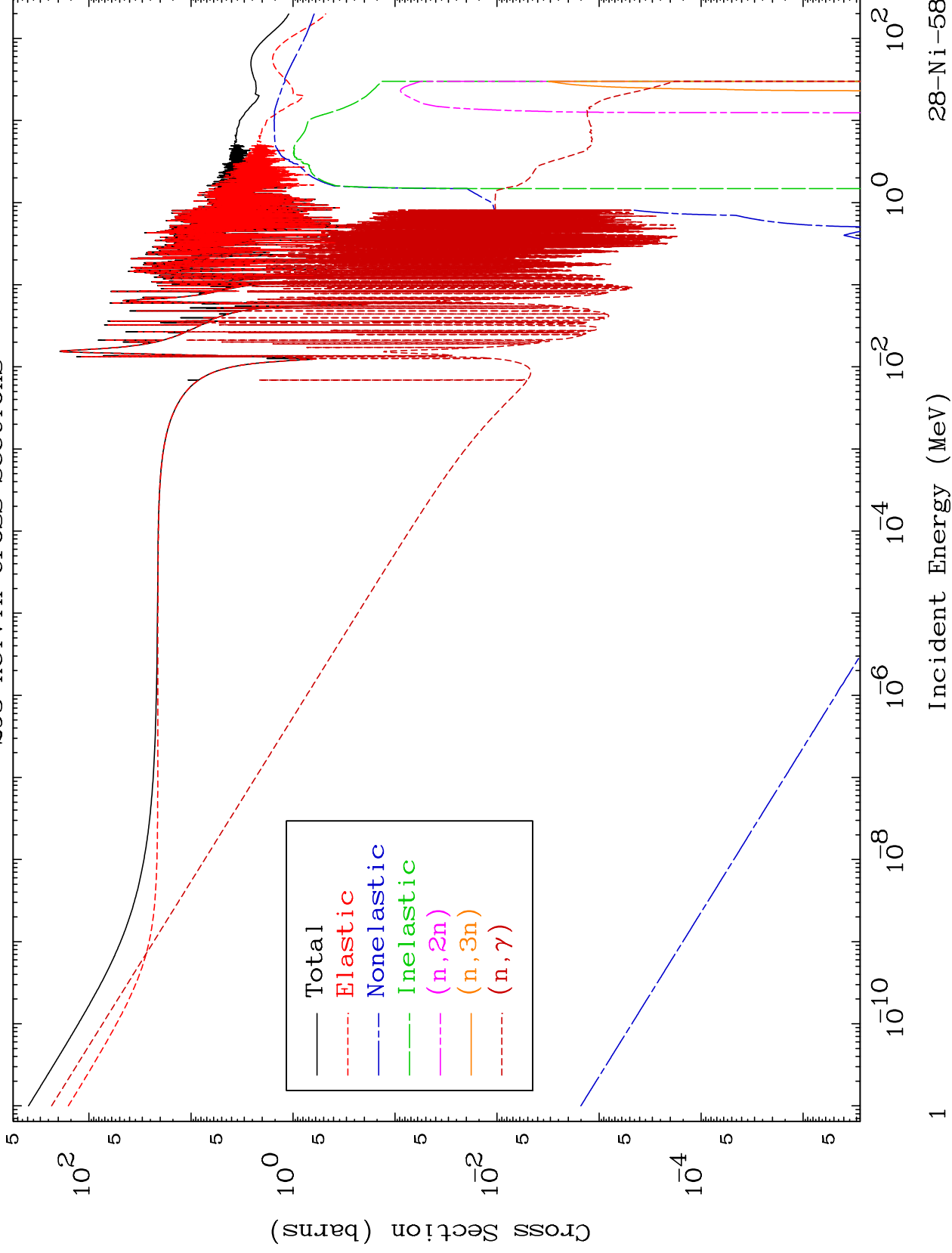
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2825

Neutron Major
293 Kelvin Cross Sections

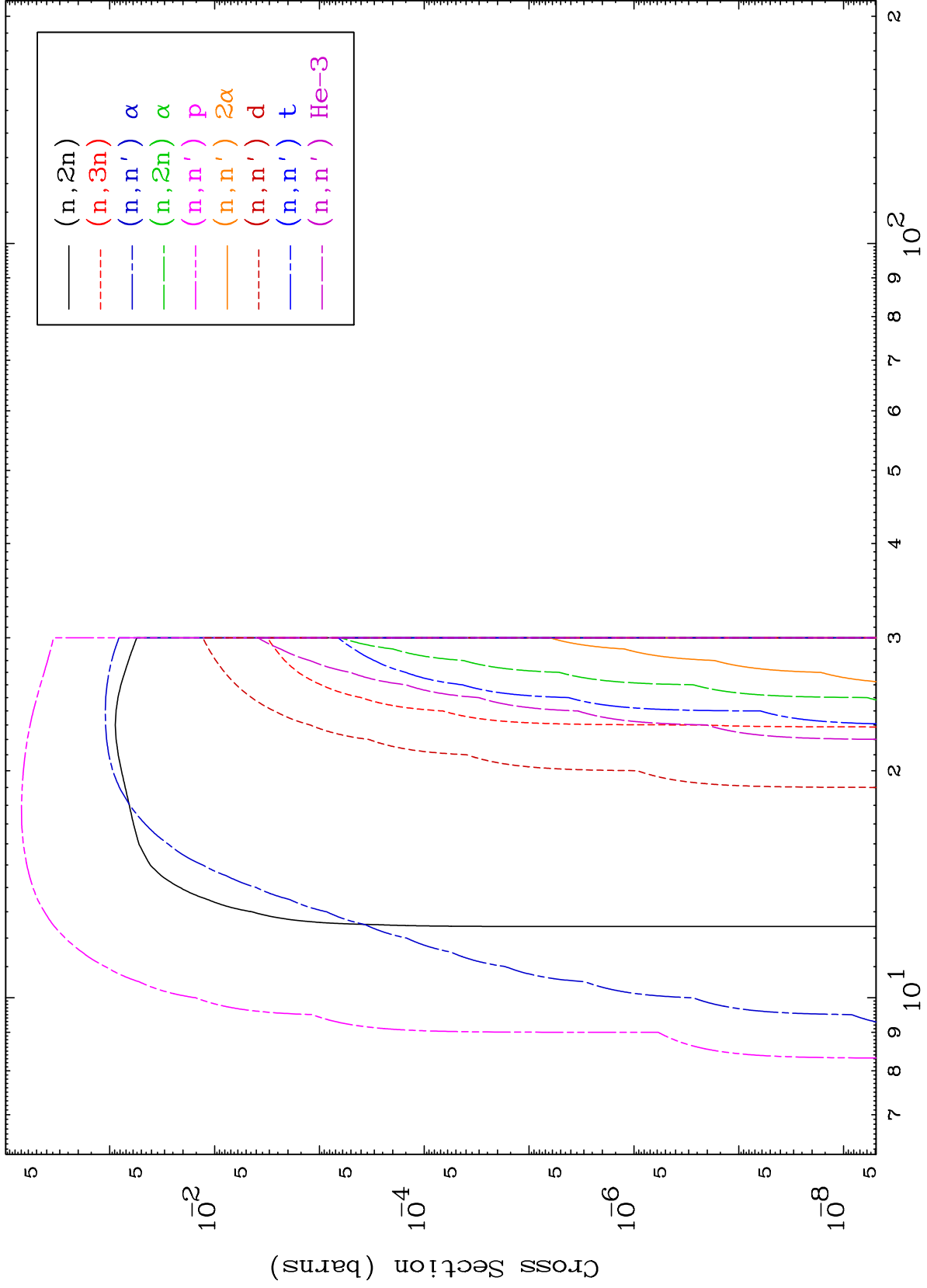
28-Ni-58



MAT 2825

Neutron Absorption
293 Kelvin Cross Sections

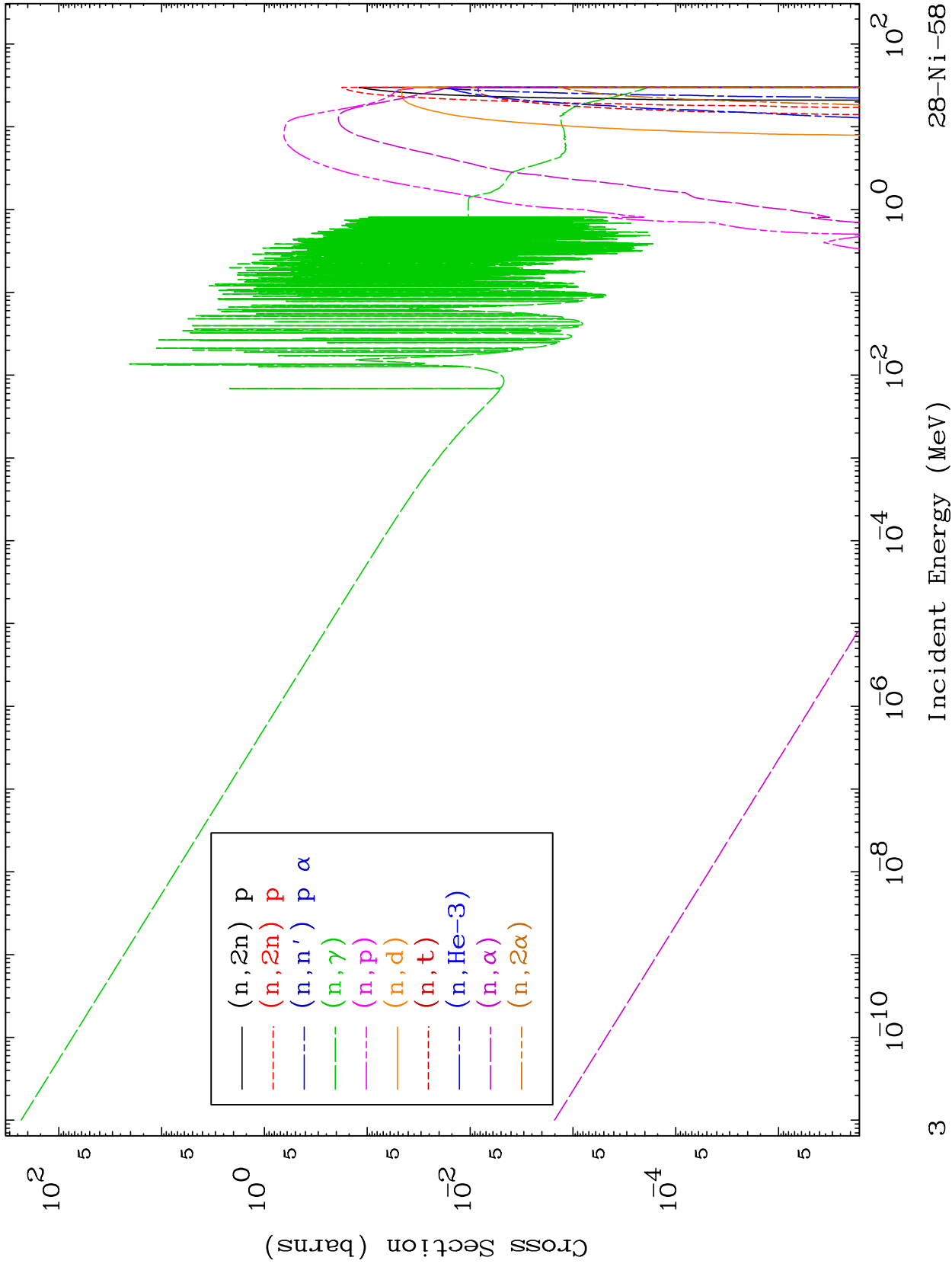
28-Ni-58



MAT 2825

Neutron Absorption
293 Kelvin Cross Sections

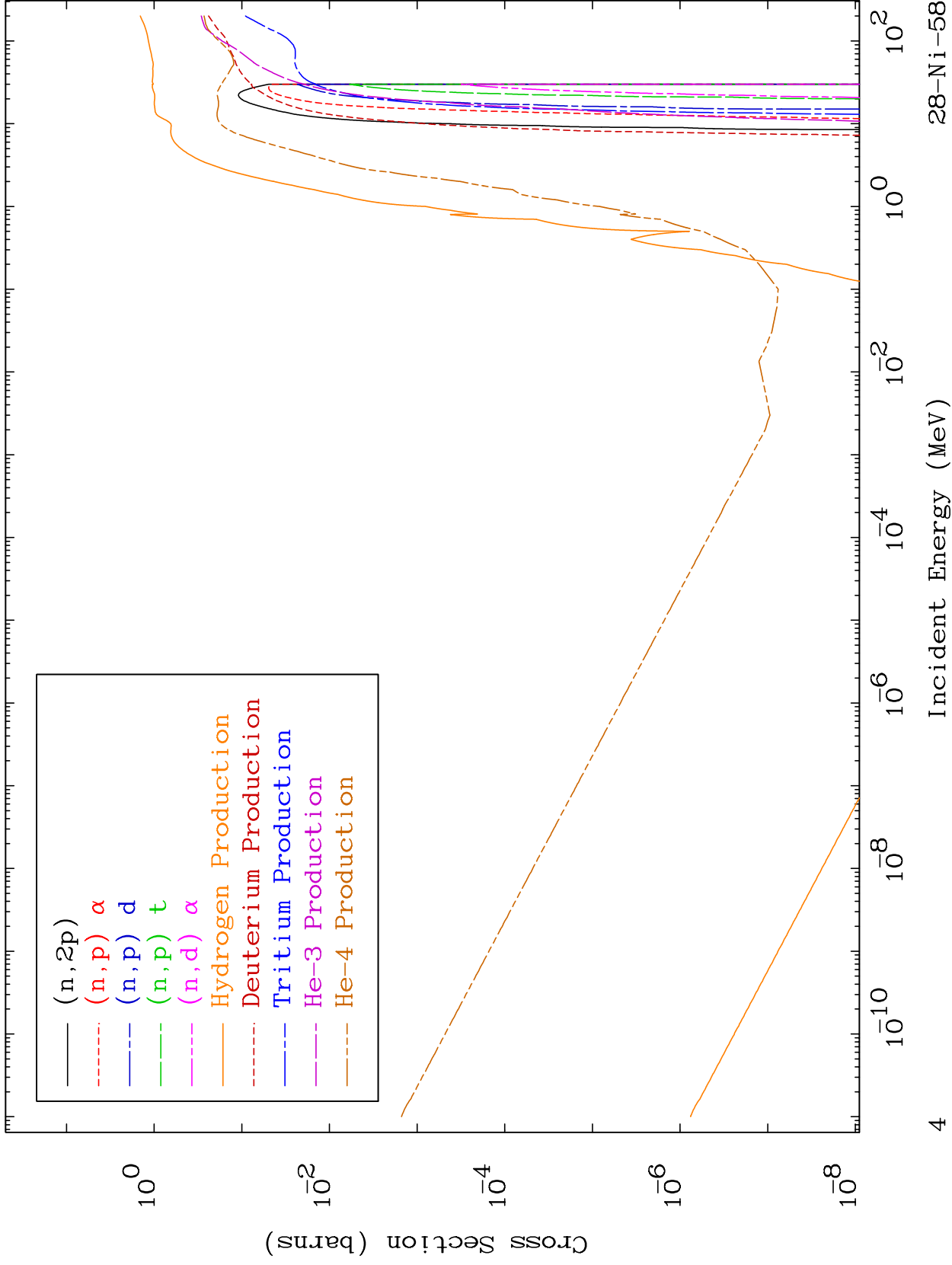
28-Ni-58



MAT 2825

Neutron Absorption
293 Kelvin Cross Sections

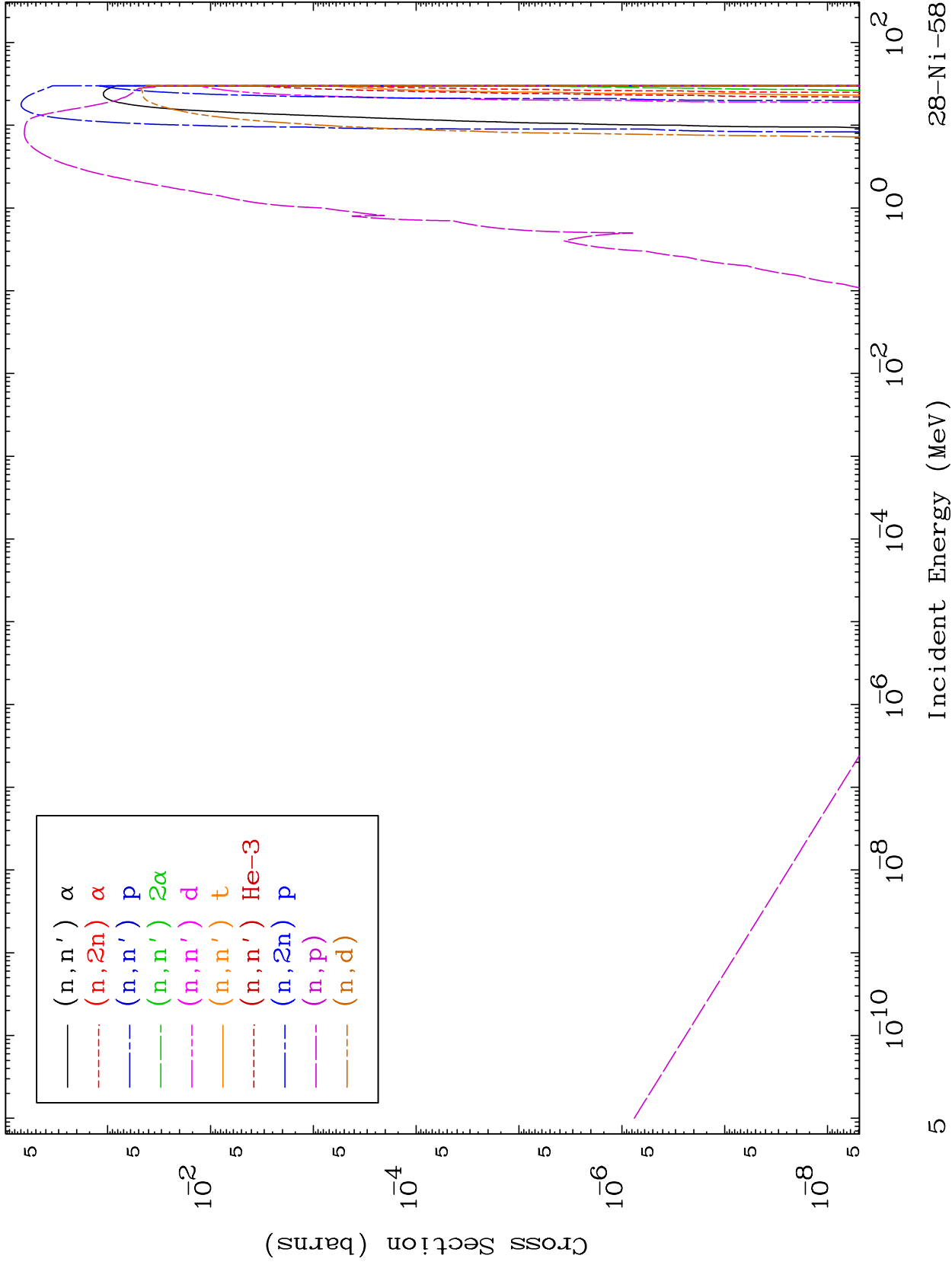
28-Ni-58



MAT 2825

Charged Particle
293 Kelvin Cross Sections

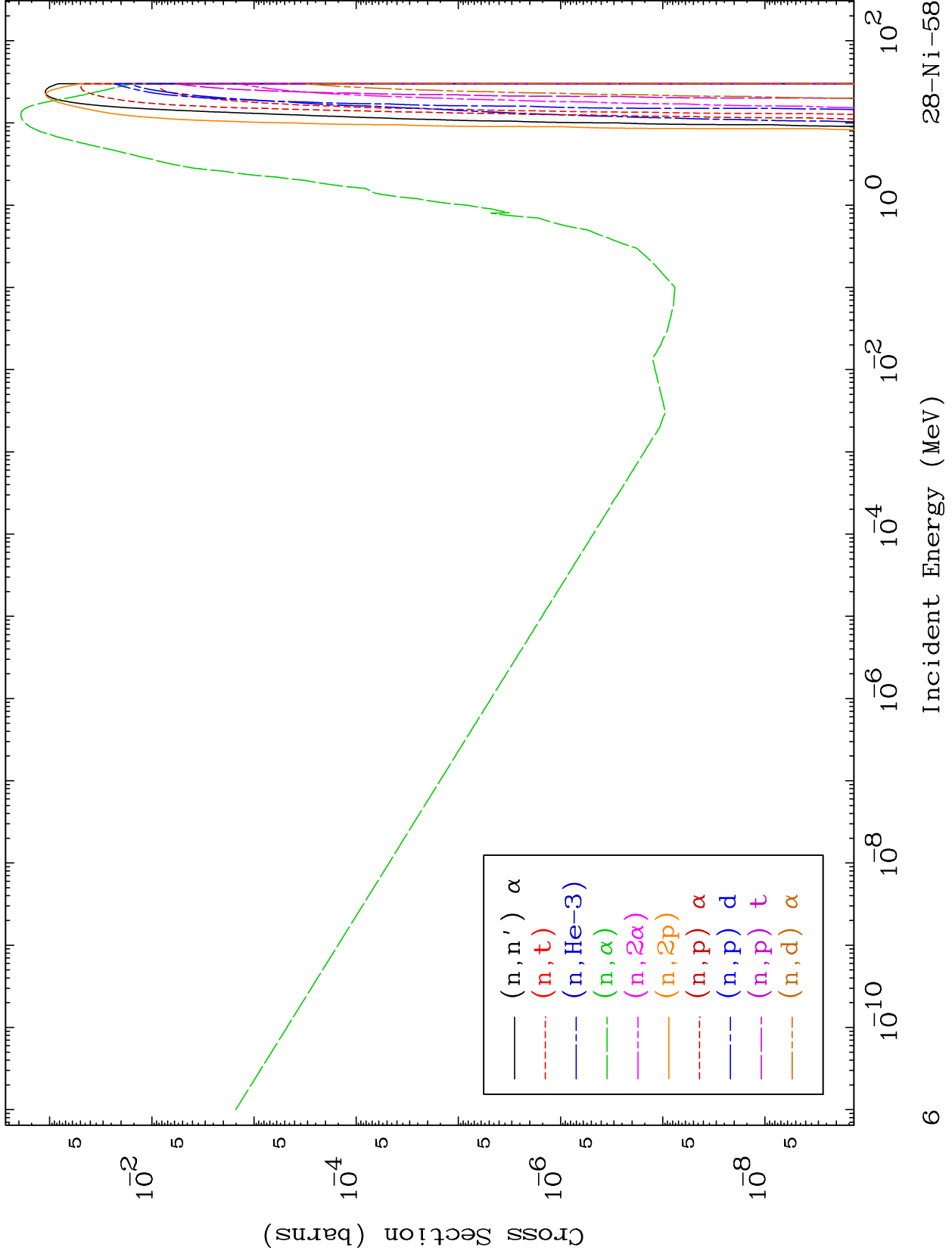
28-Ni-58



MAT 2825

Charged Particle
293 Kelvin Cross Sections

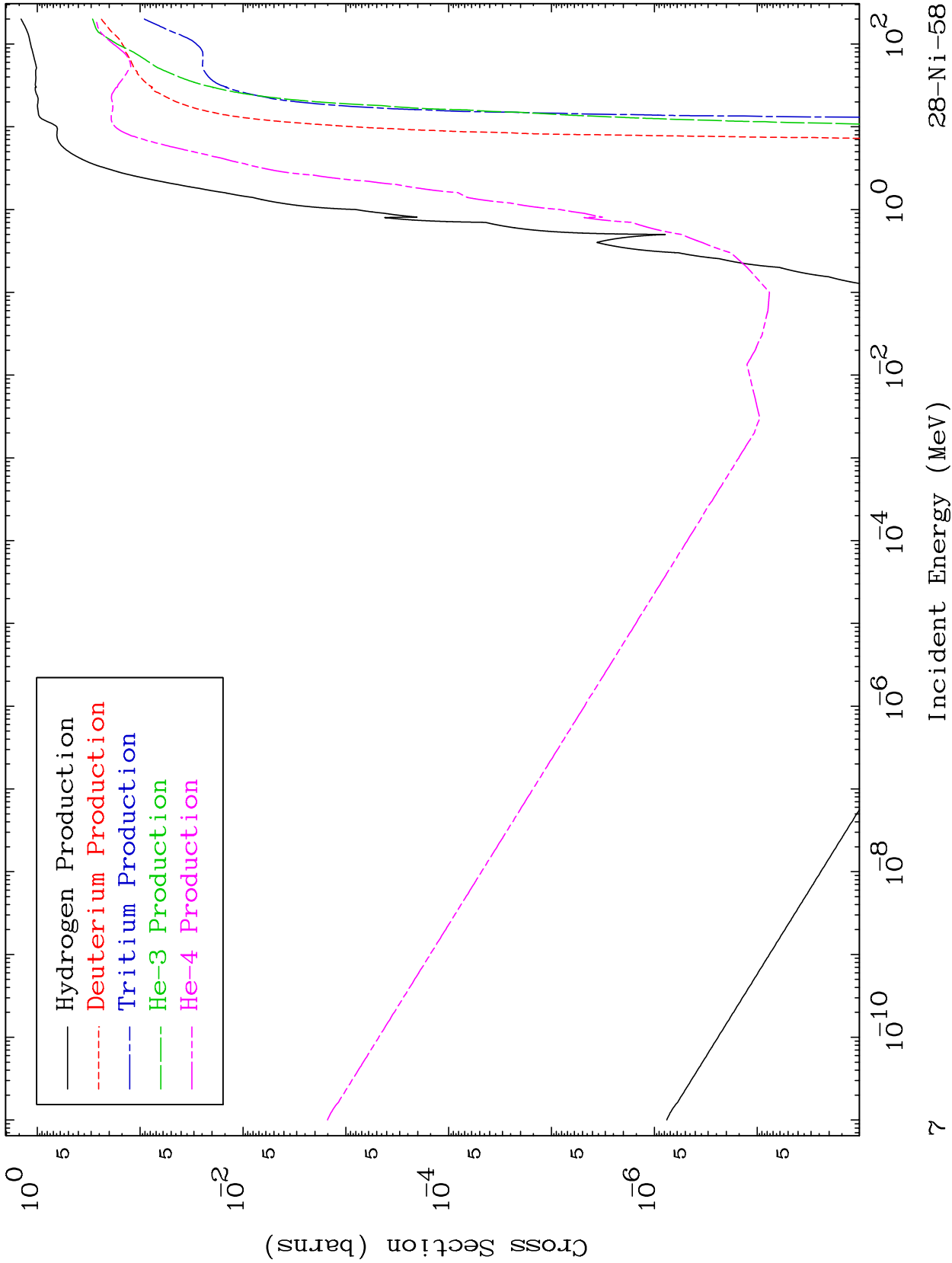
28-Ni-58



MAT 2825

Particle Production
293 Kelvin Cross Sections

28-Ni-58

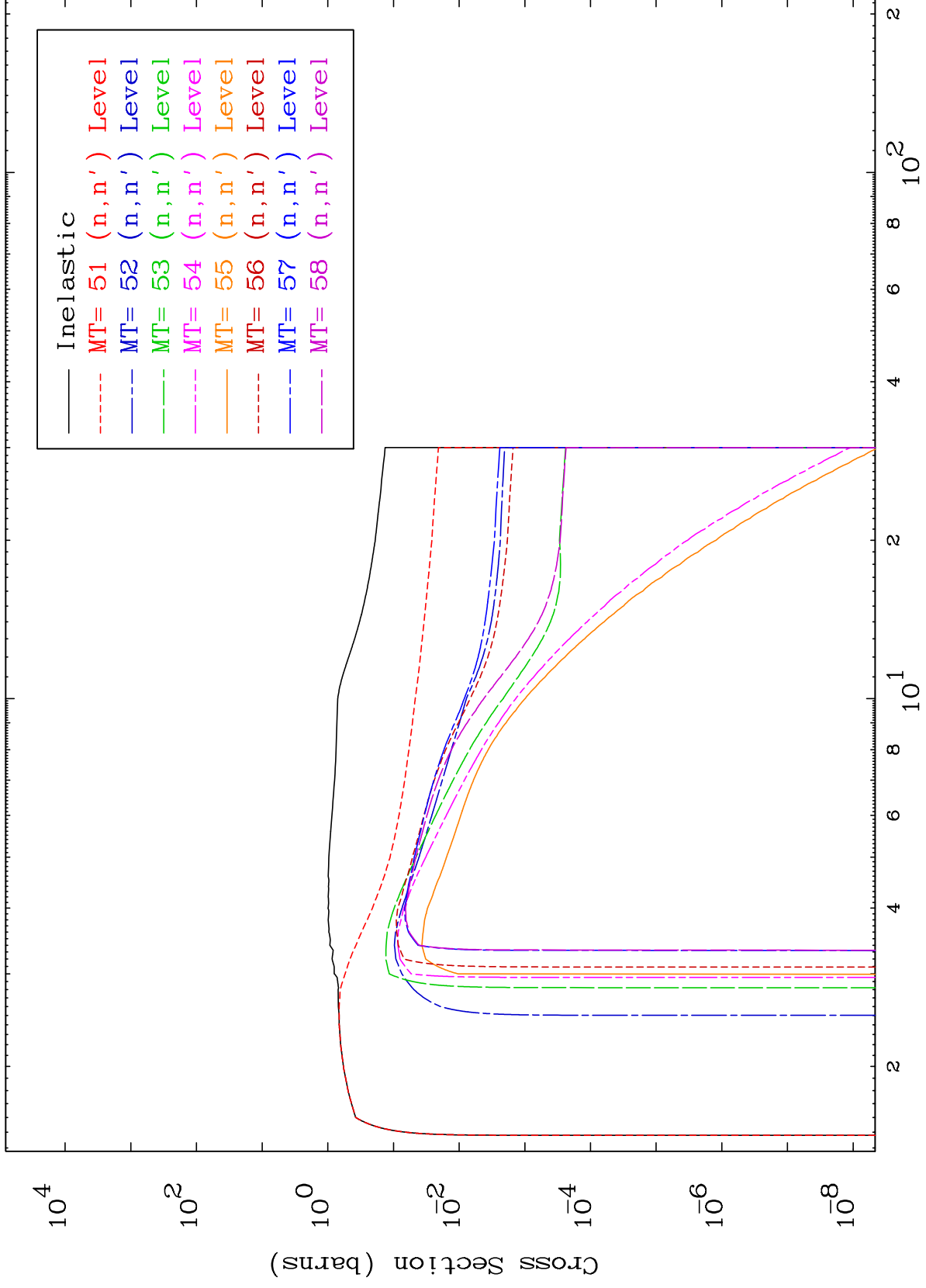


MAT 2825

(n,n') Levels

293 Kelvin Cross Sections

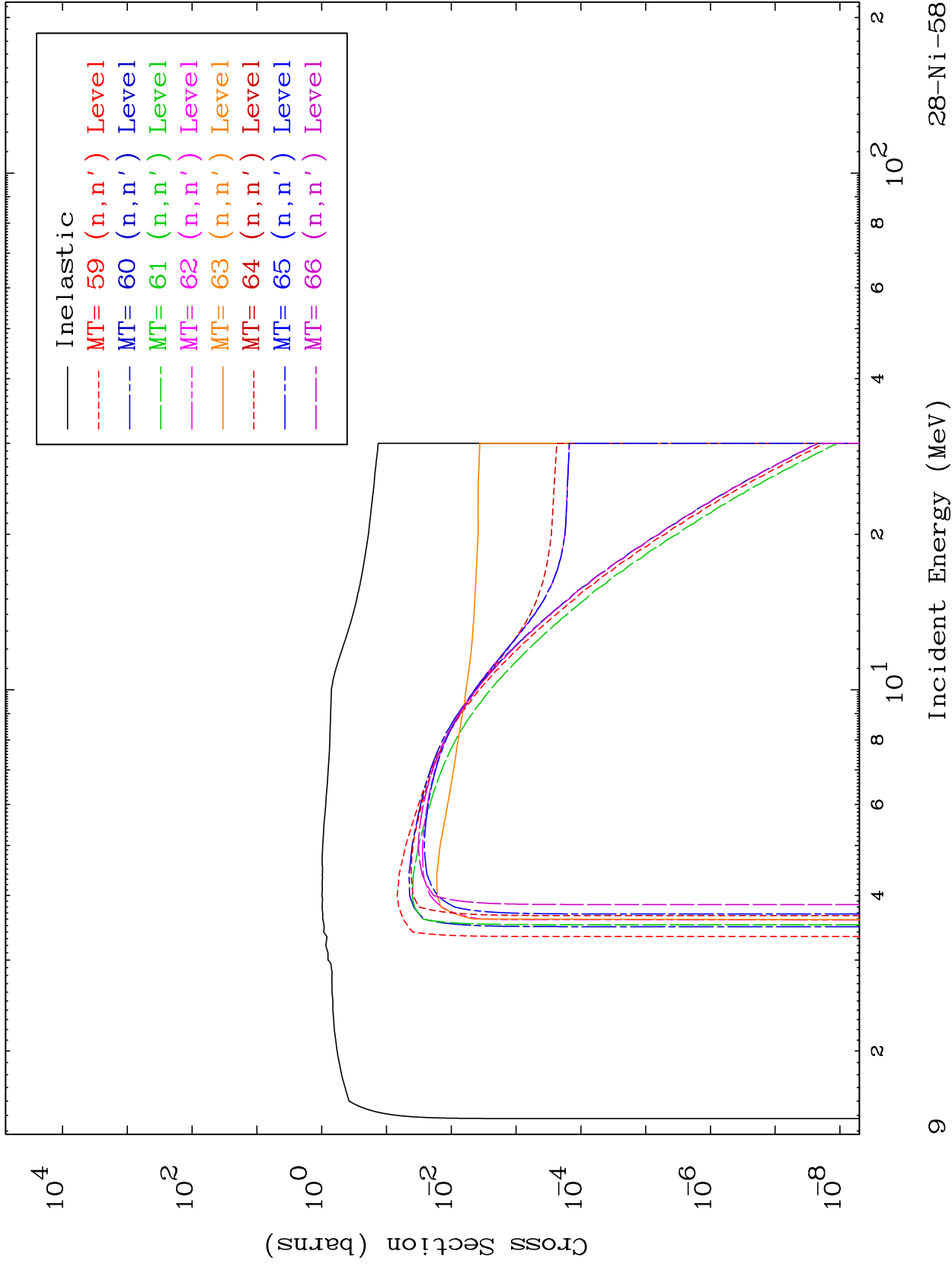
28-Ni-58



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Incident Energy (MeV)

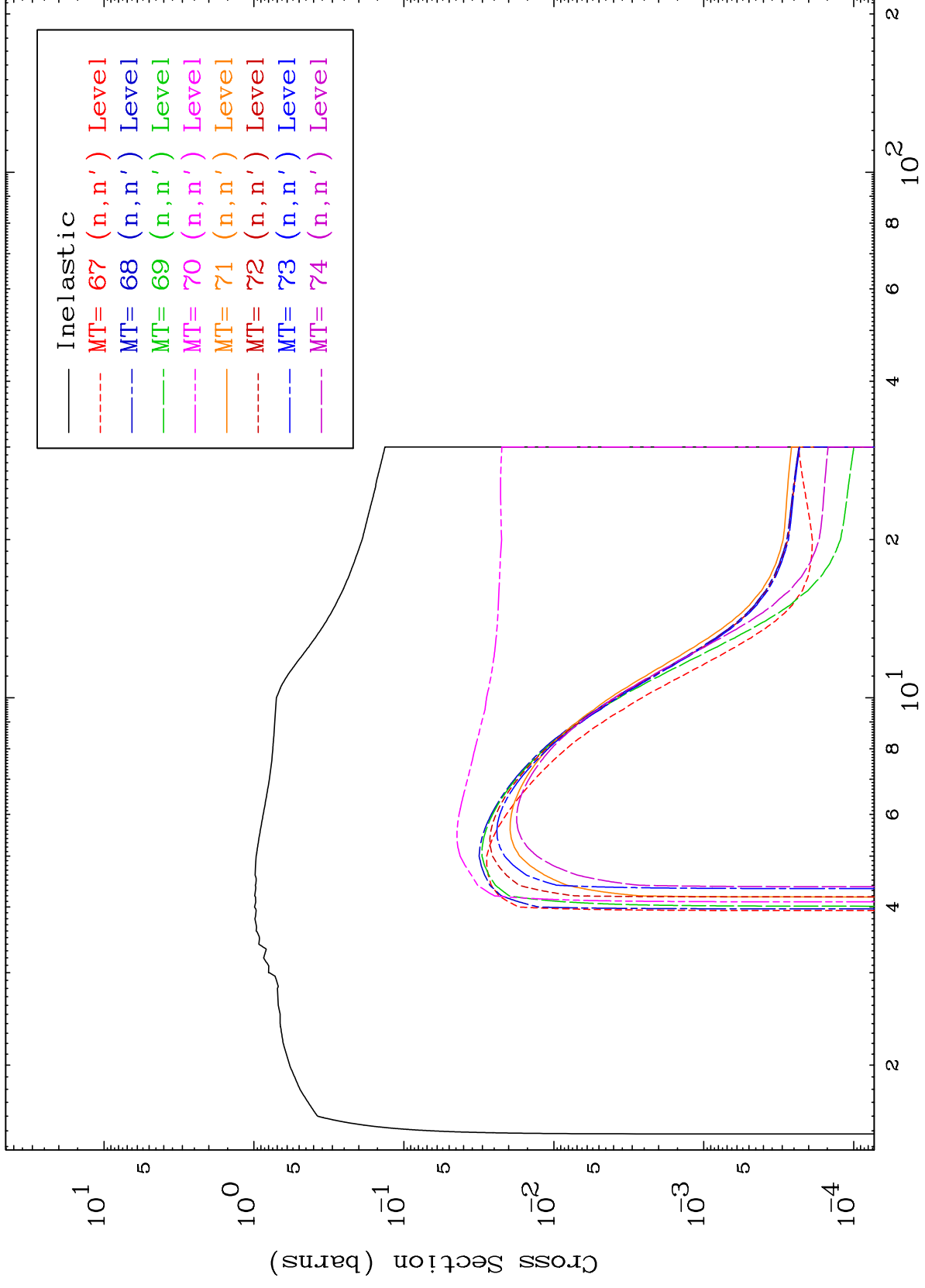
28-Ni-58



MAT 2825

(n,n') Levels
293 Kelvin Cross Sections

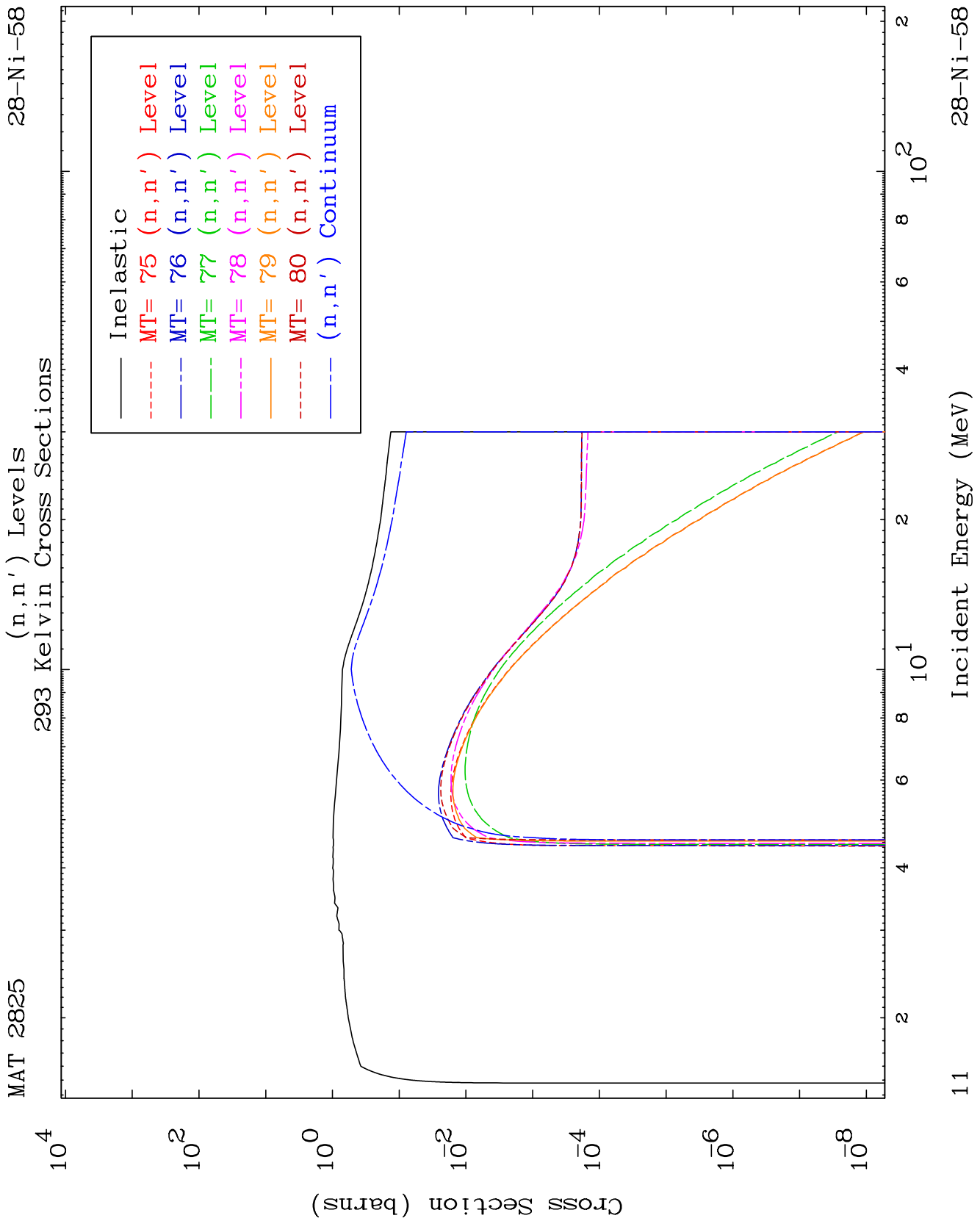
28-Ni-58



10

Incident Energy (MeV)

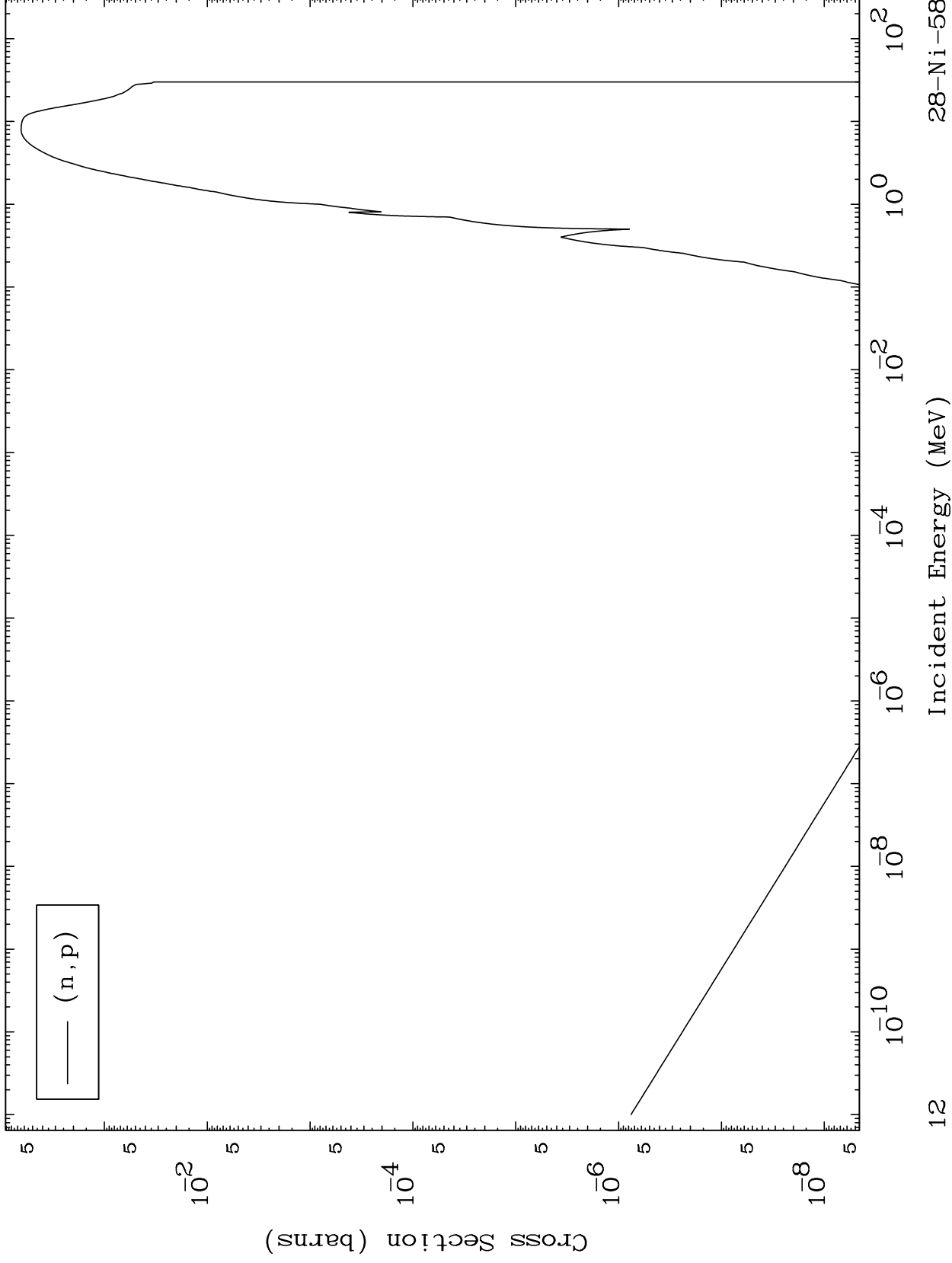
28-Ni-58



MAT 2825

(n,p) Levels
293 Kelvin Cross Sections

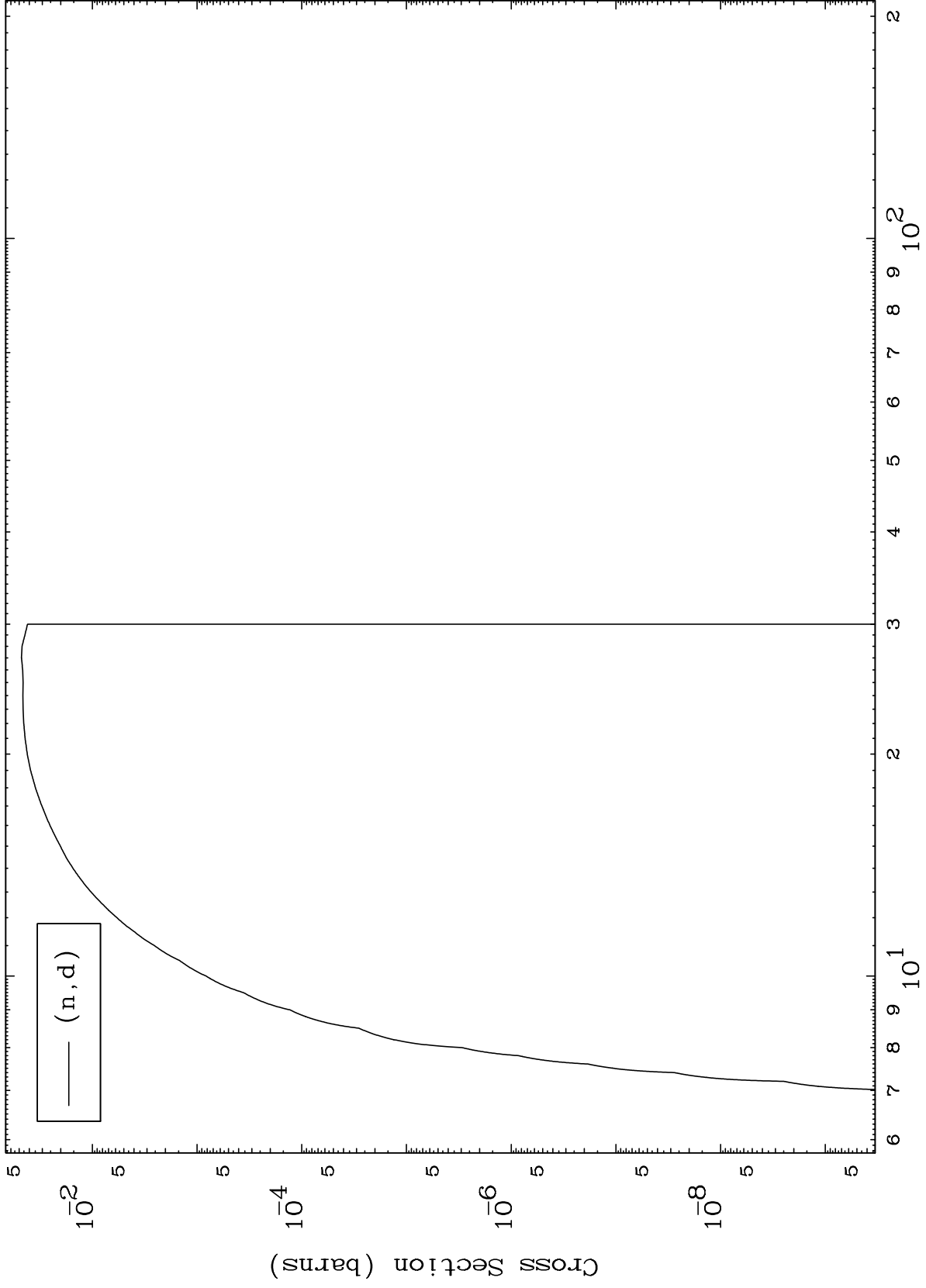
28-Ni-58



MAT 2825

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-58



13

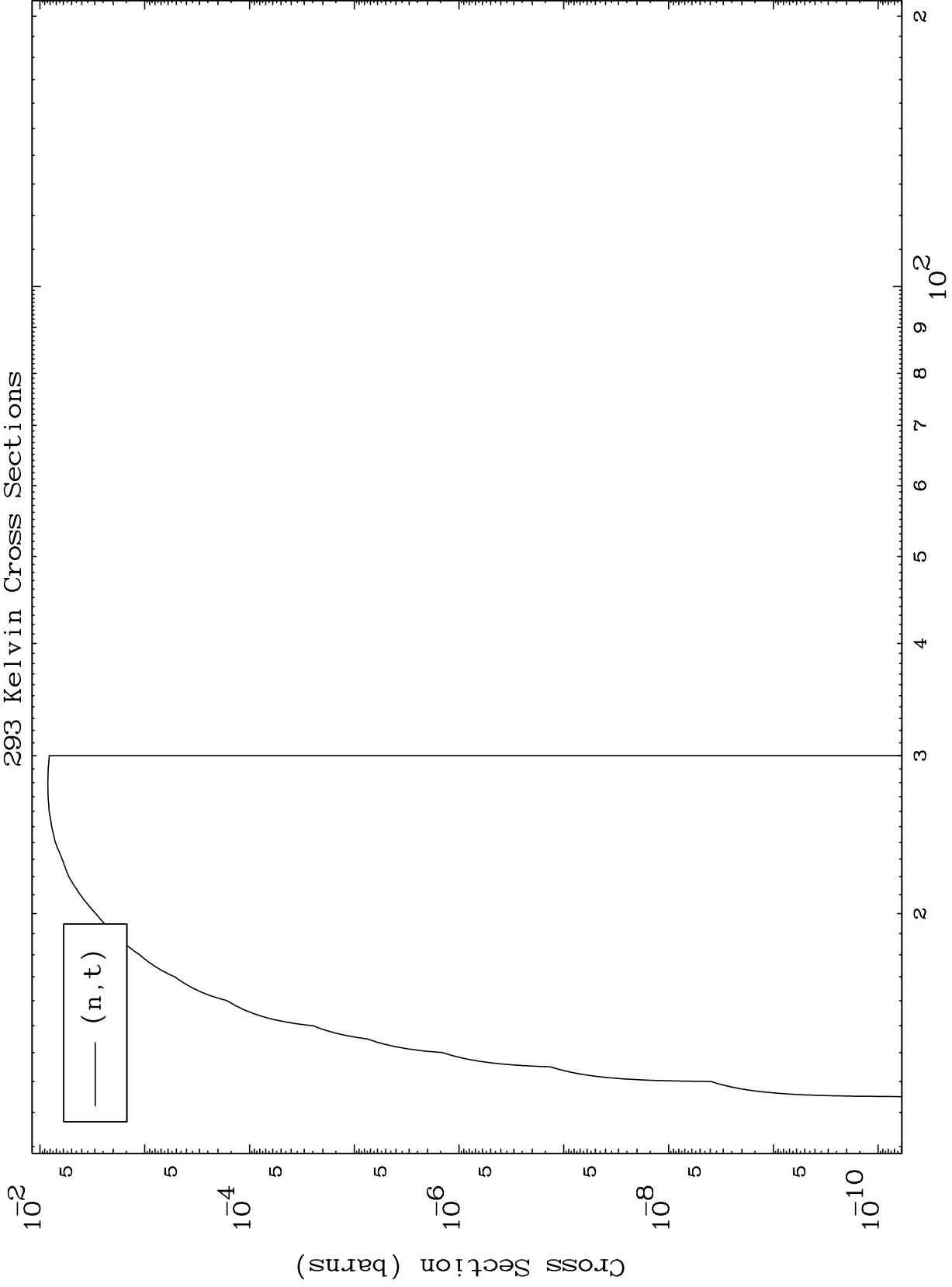
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-58



14

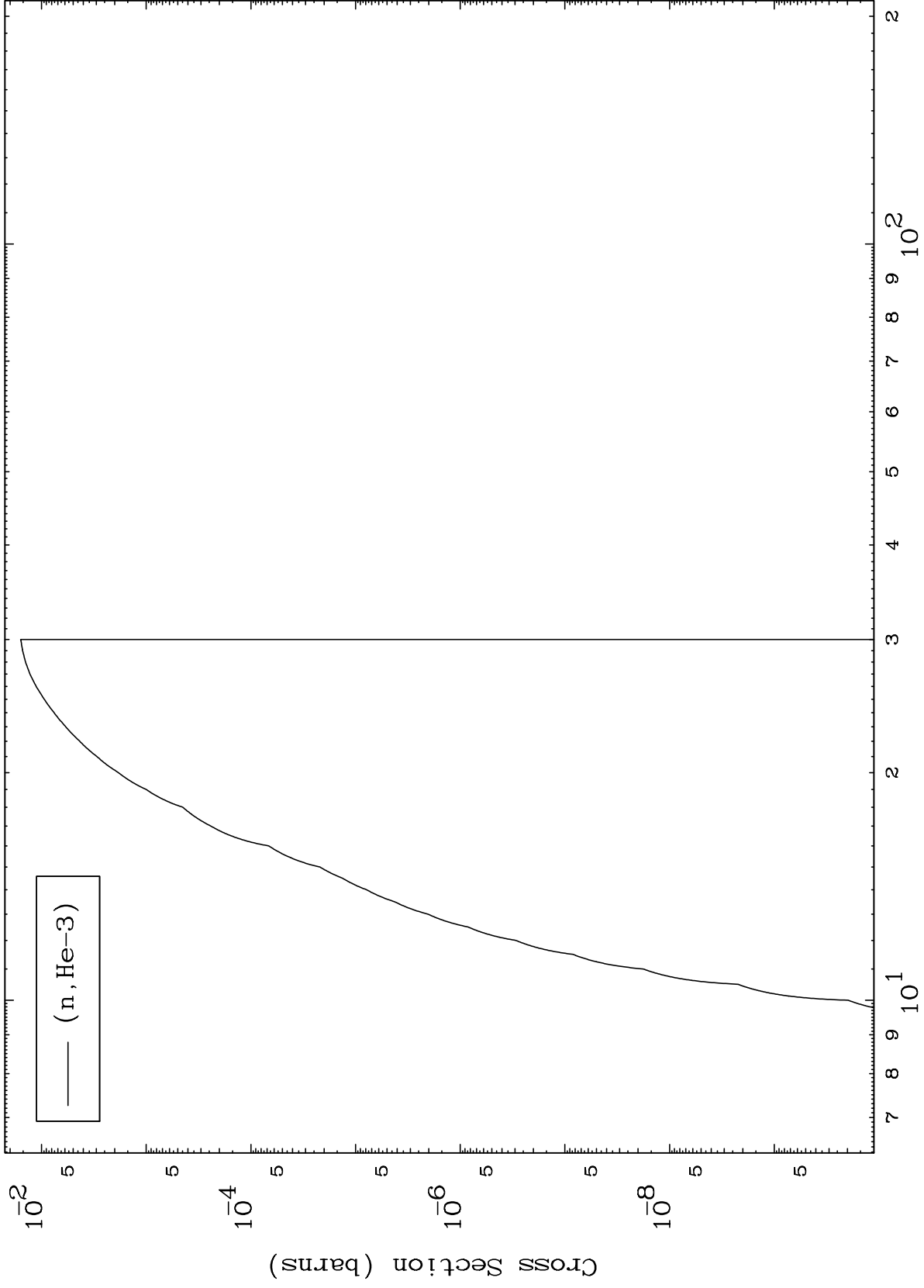
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-58



15

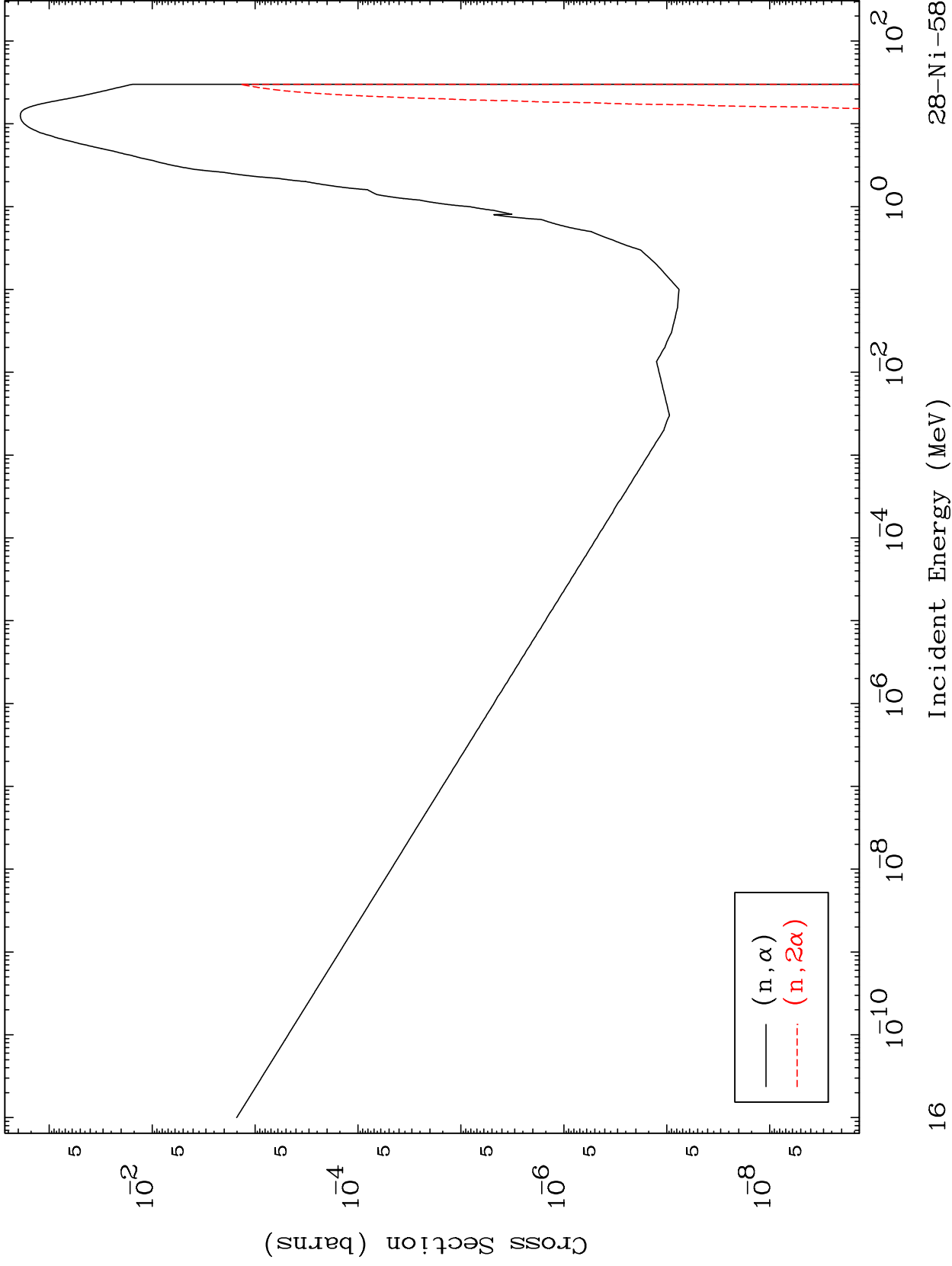
Incident Energy (MeV)

28-Ni-58

MAT 2825

(n, α) Levels
293 Kelvin Cross Sections

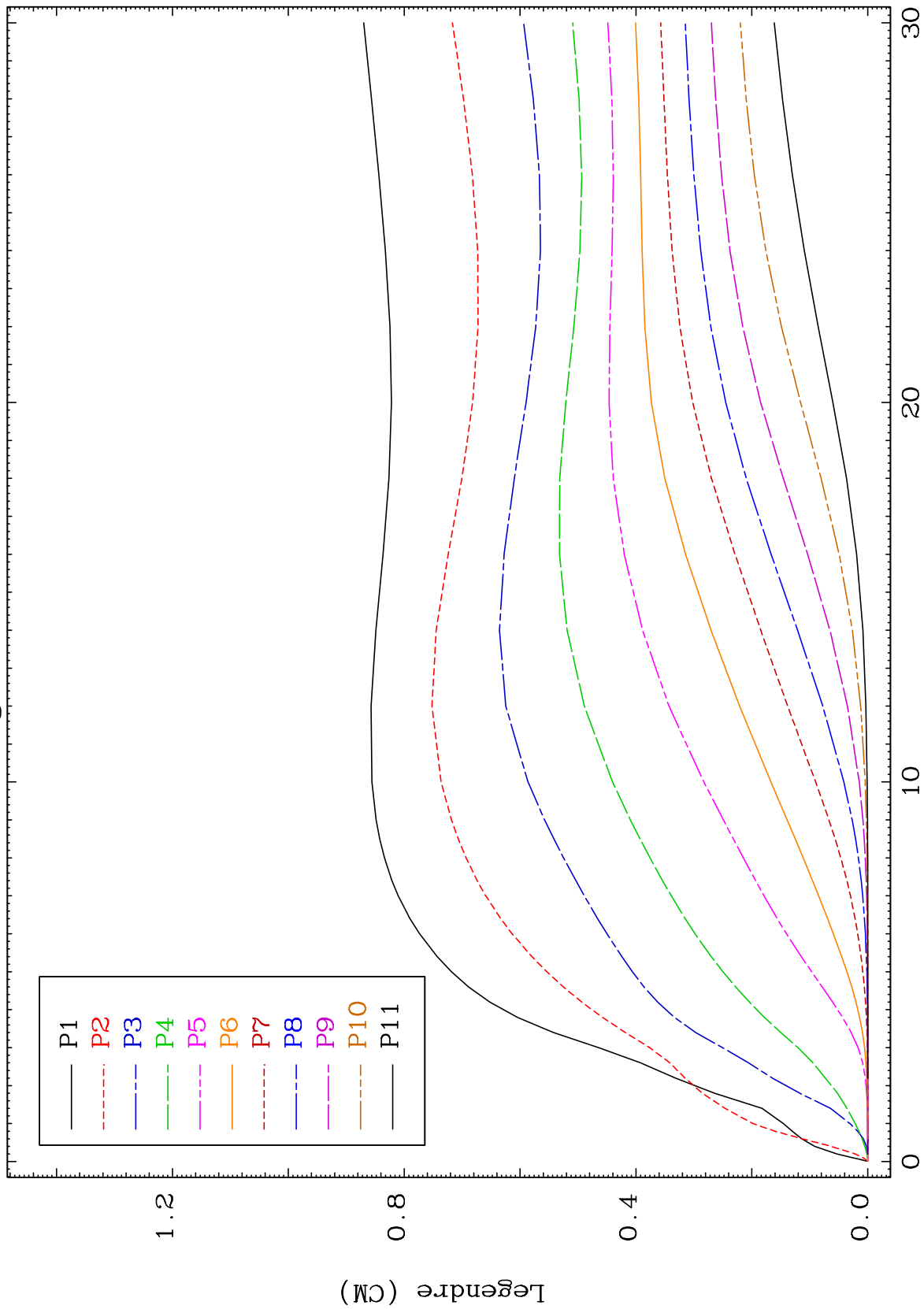
28-Ni-58



MAT 2825

Elastic Legendre Coefficients

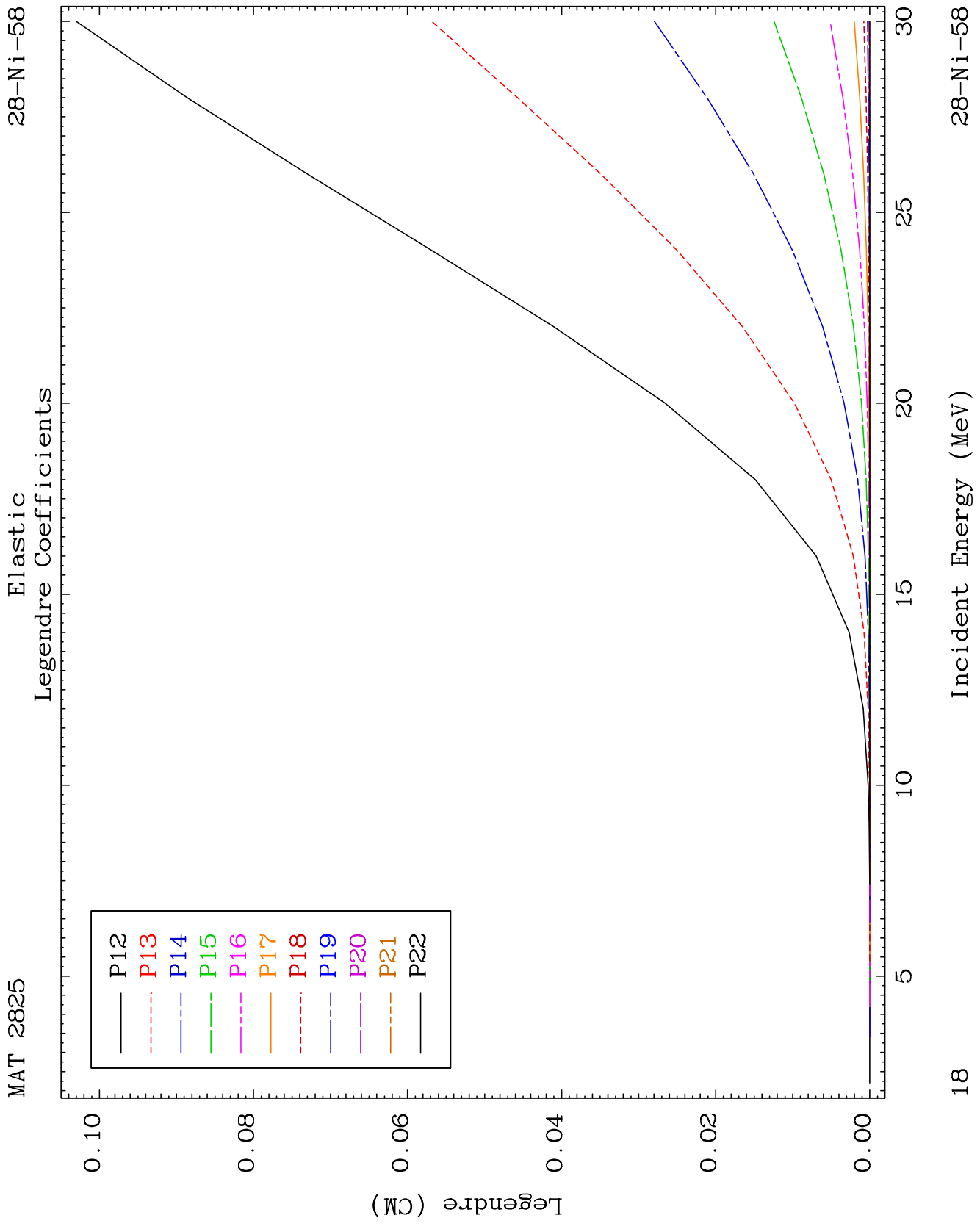
²⁸Ni-58



17

Incident Energy (MeV)

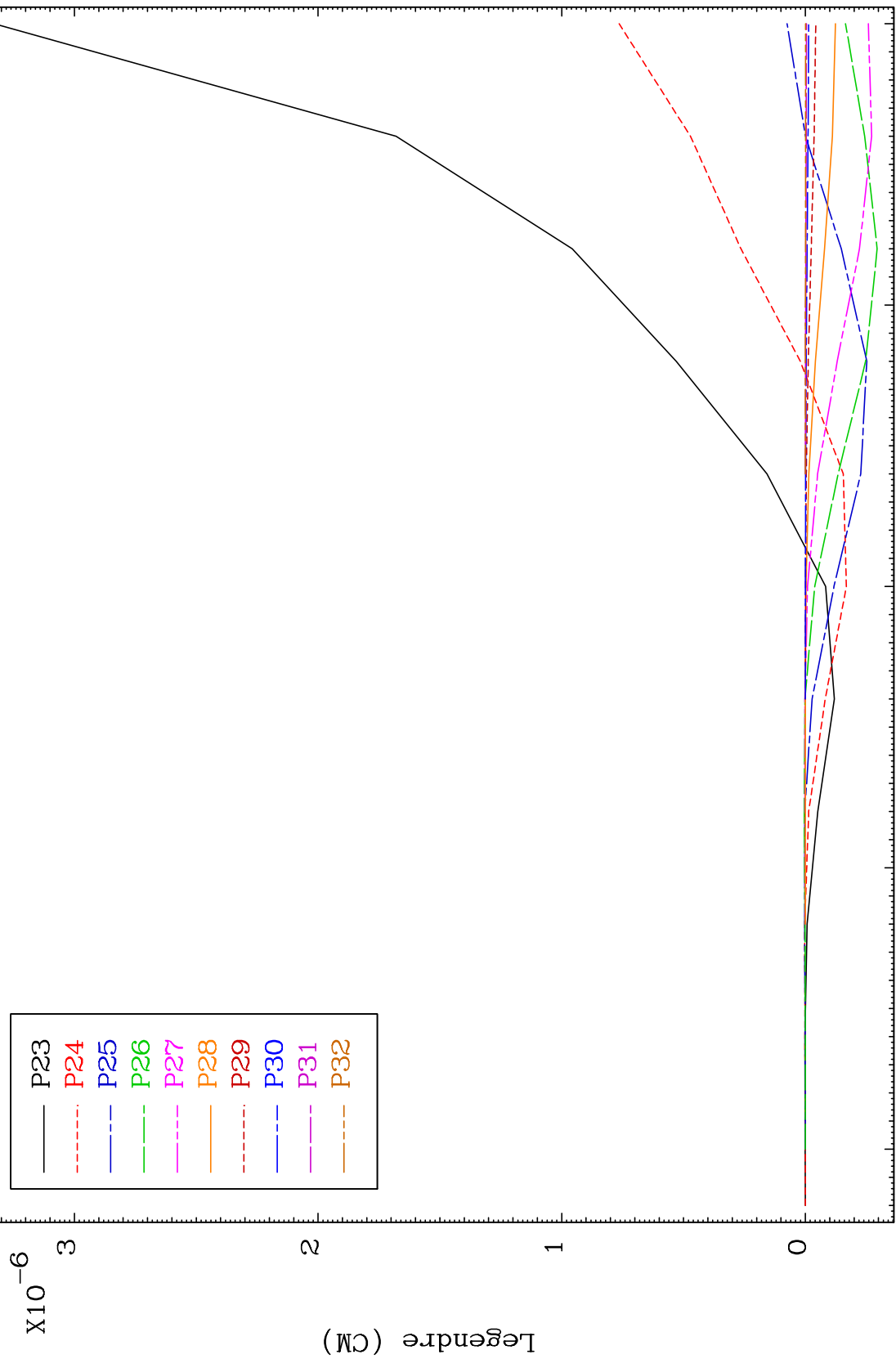
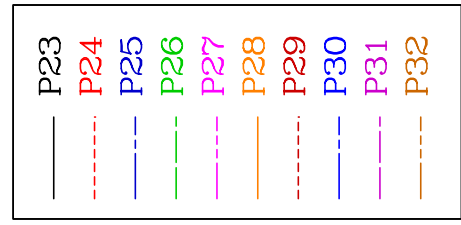
²⁸Ni-58



MAT 2825

Elastic Legendre Coefficients

28-Ni-58



19

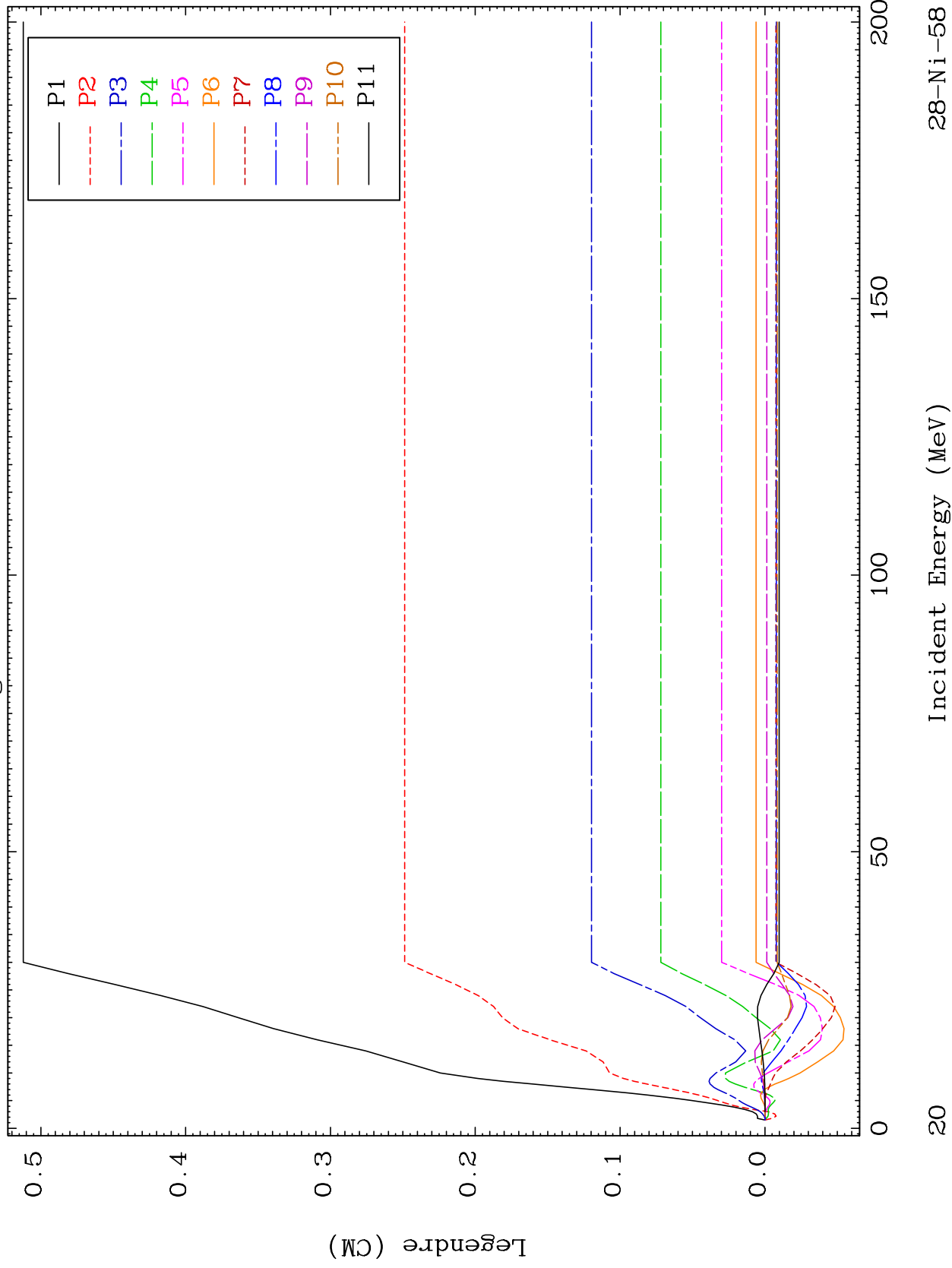
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



28-Ni-58

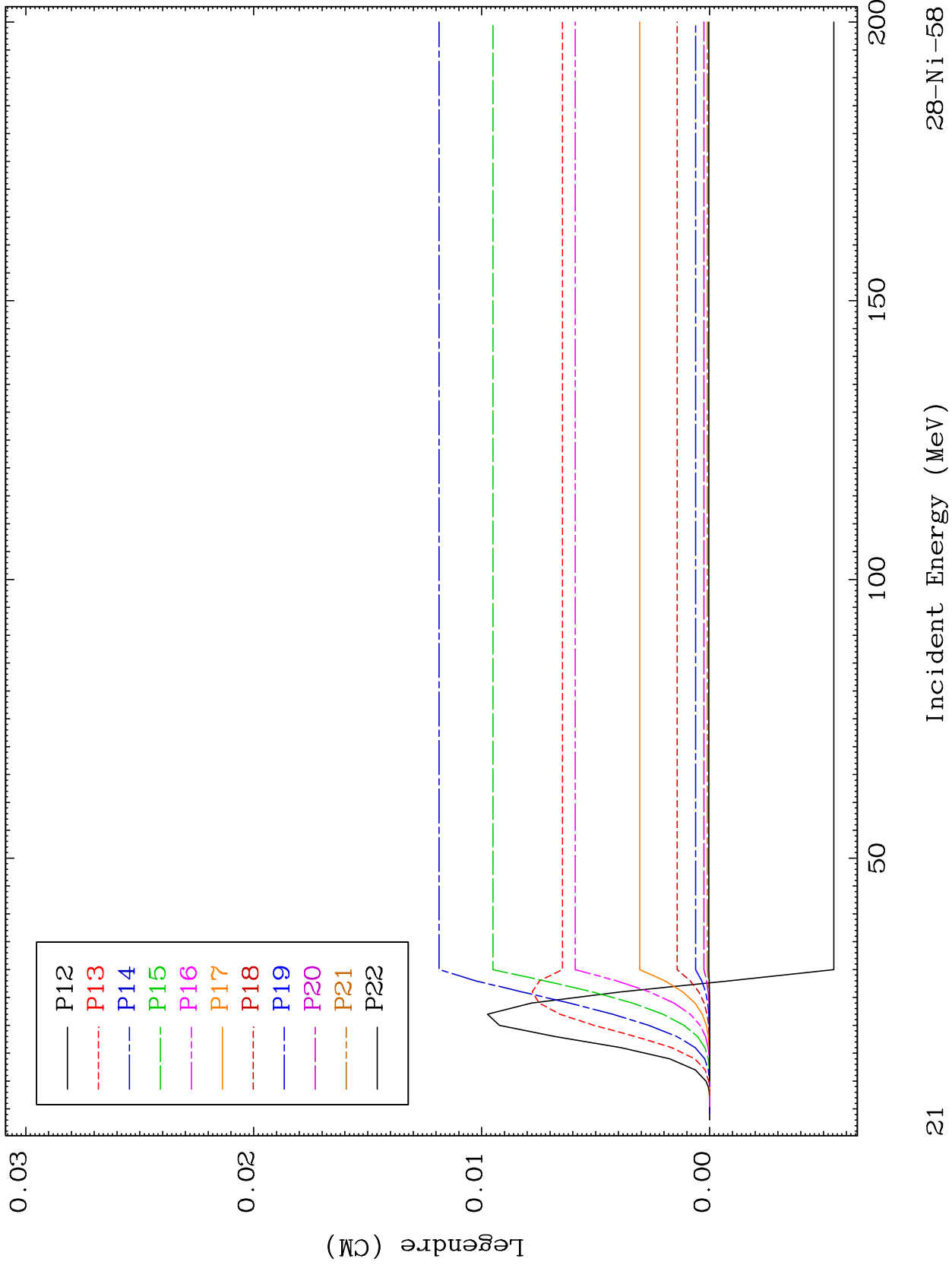
Incident Energy (MeV)

Legendre (CM)

MAT 2825

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

28-Ni-58



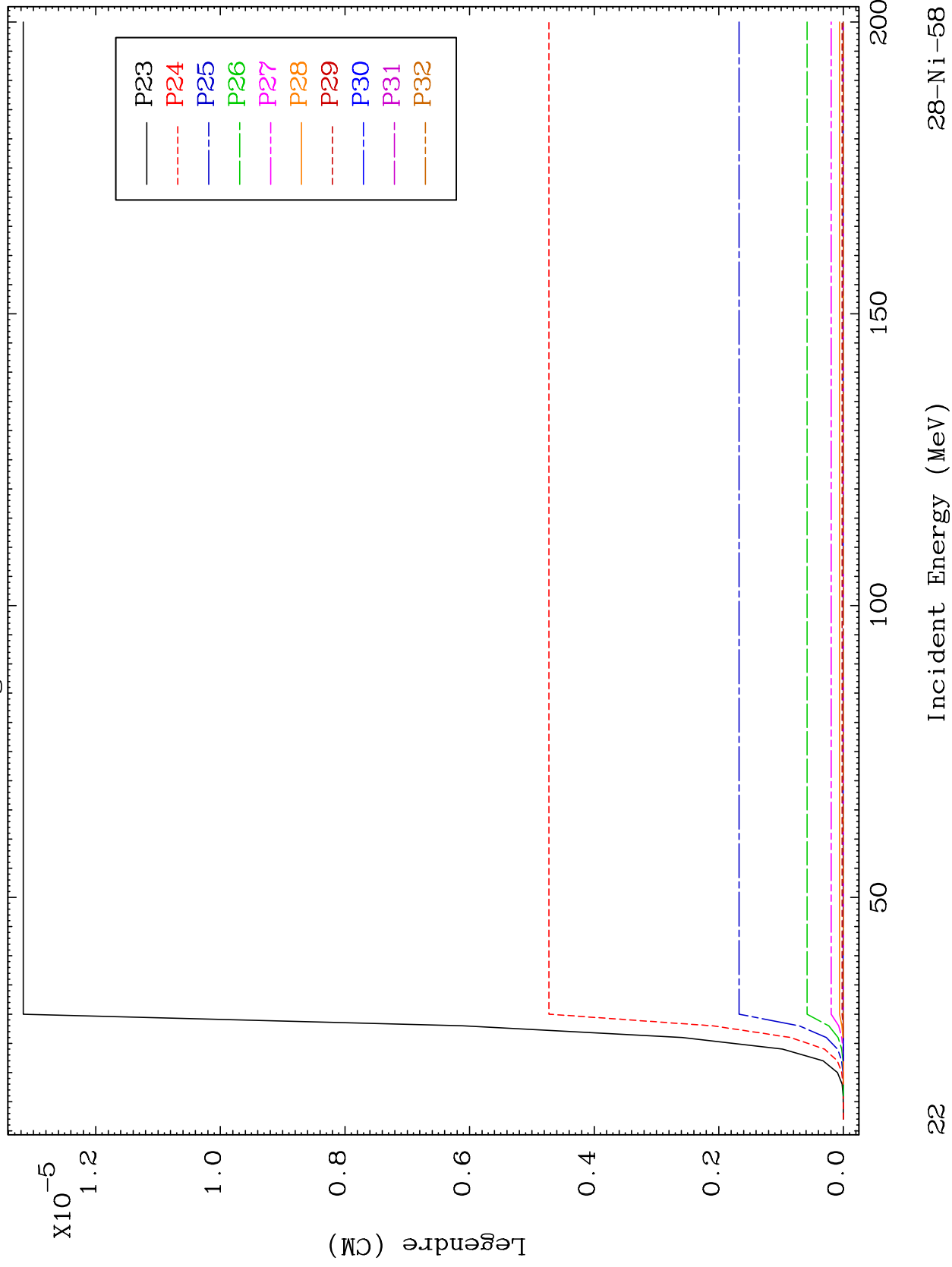
21

28-Ni-58

MAT 2825

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

28-Ni-58



22

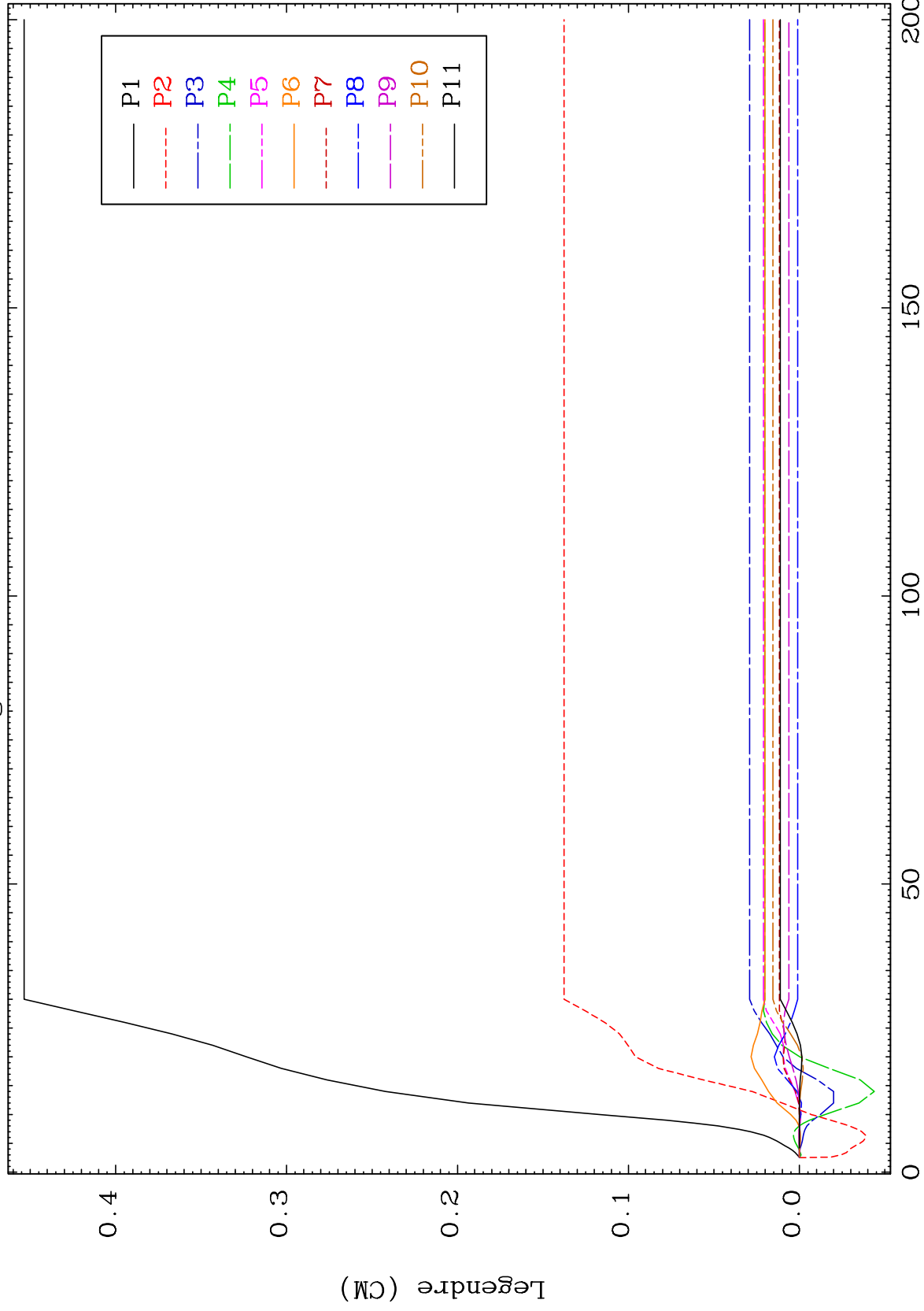
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



23

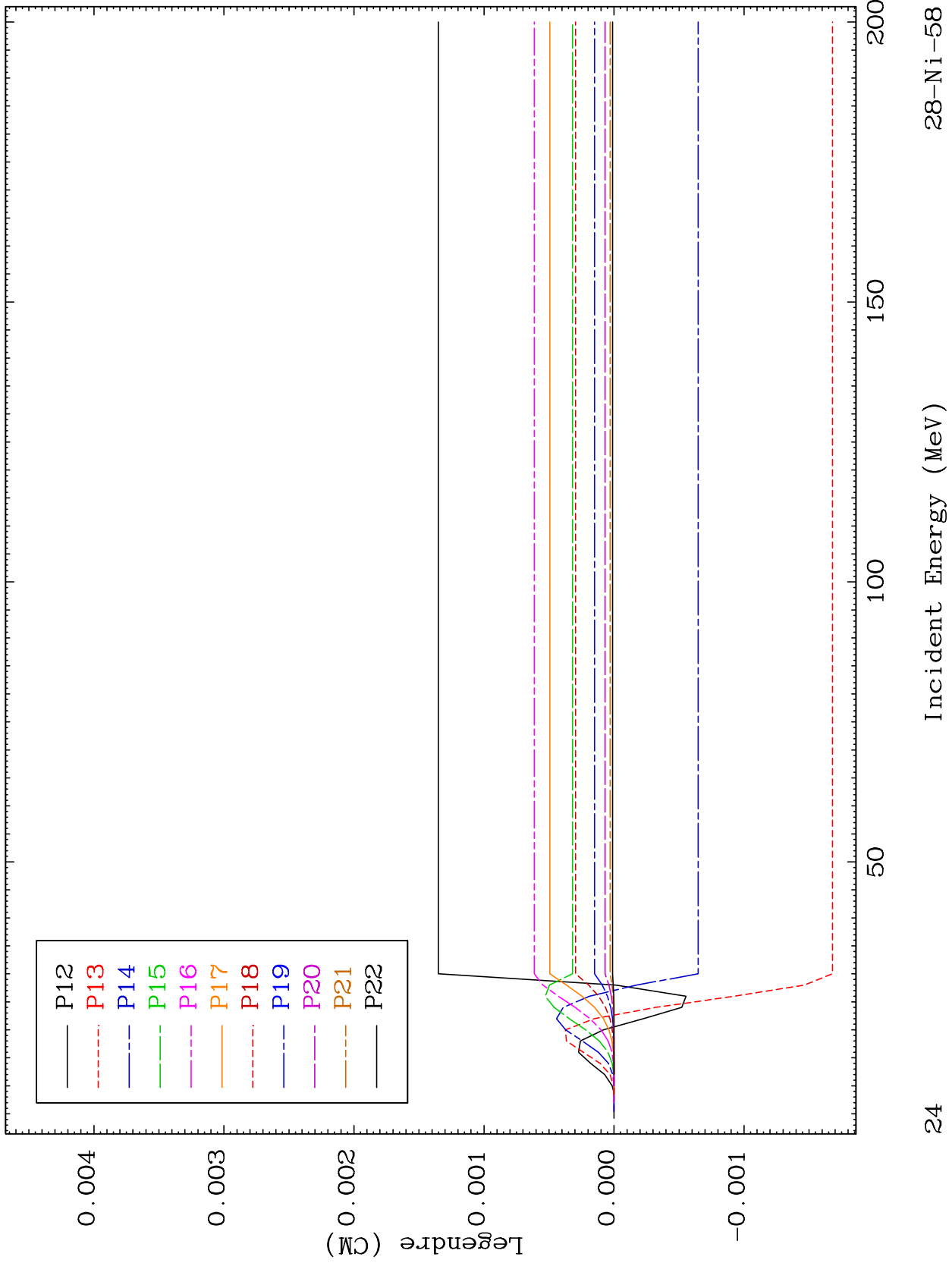
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



24

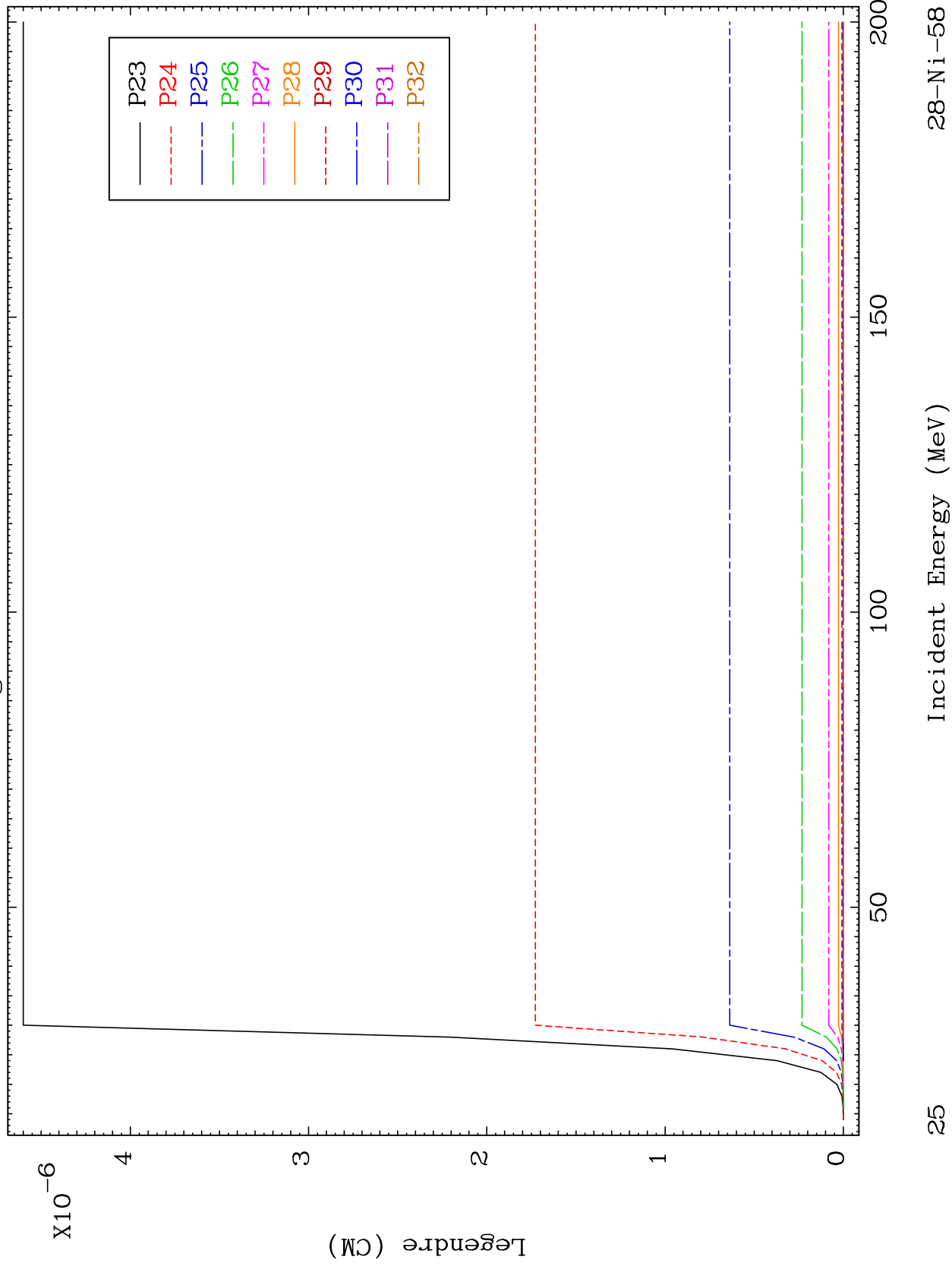
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



25

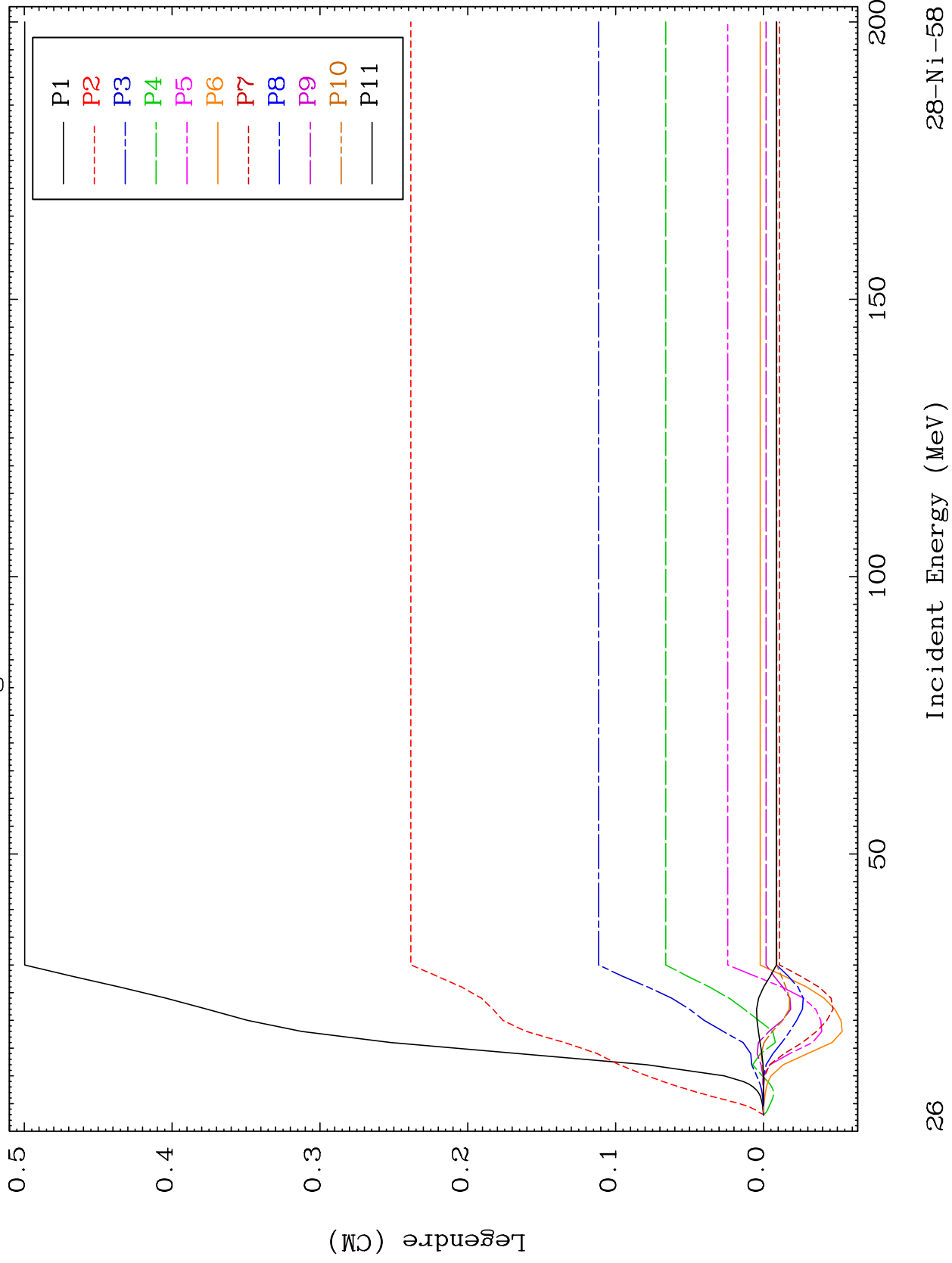
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

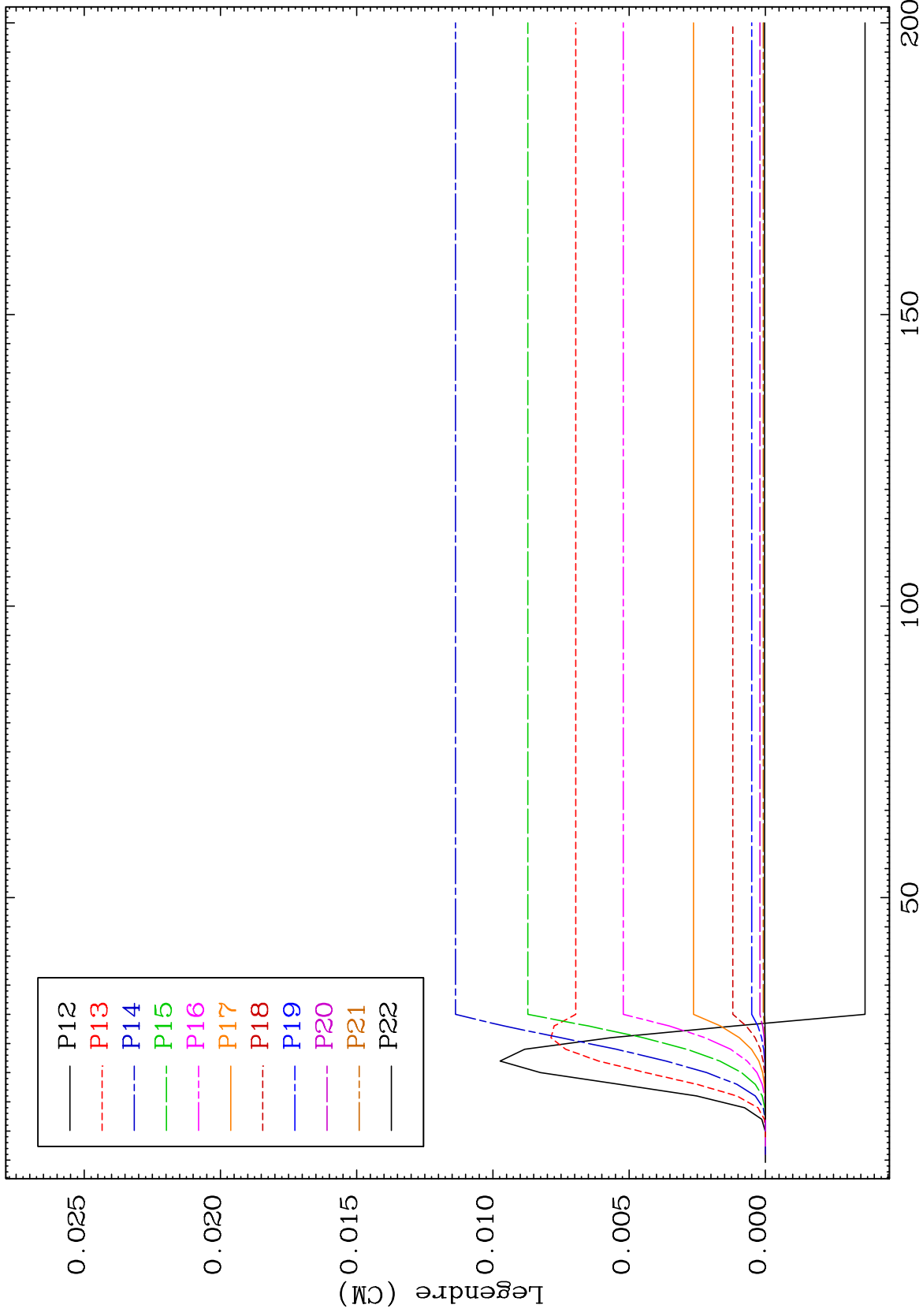
28-Ni-58



26

Incident Energy (MeV)

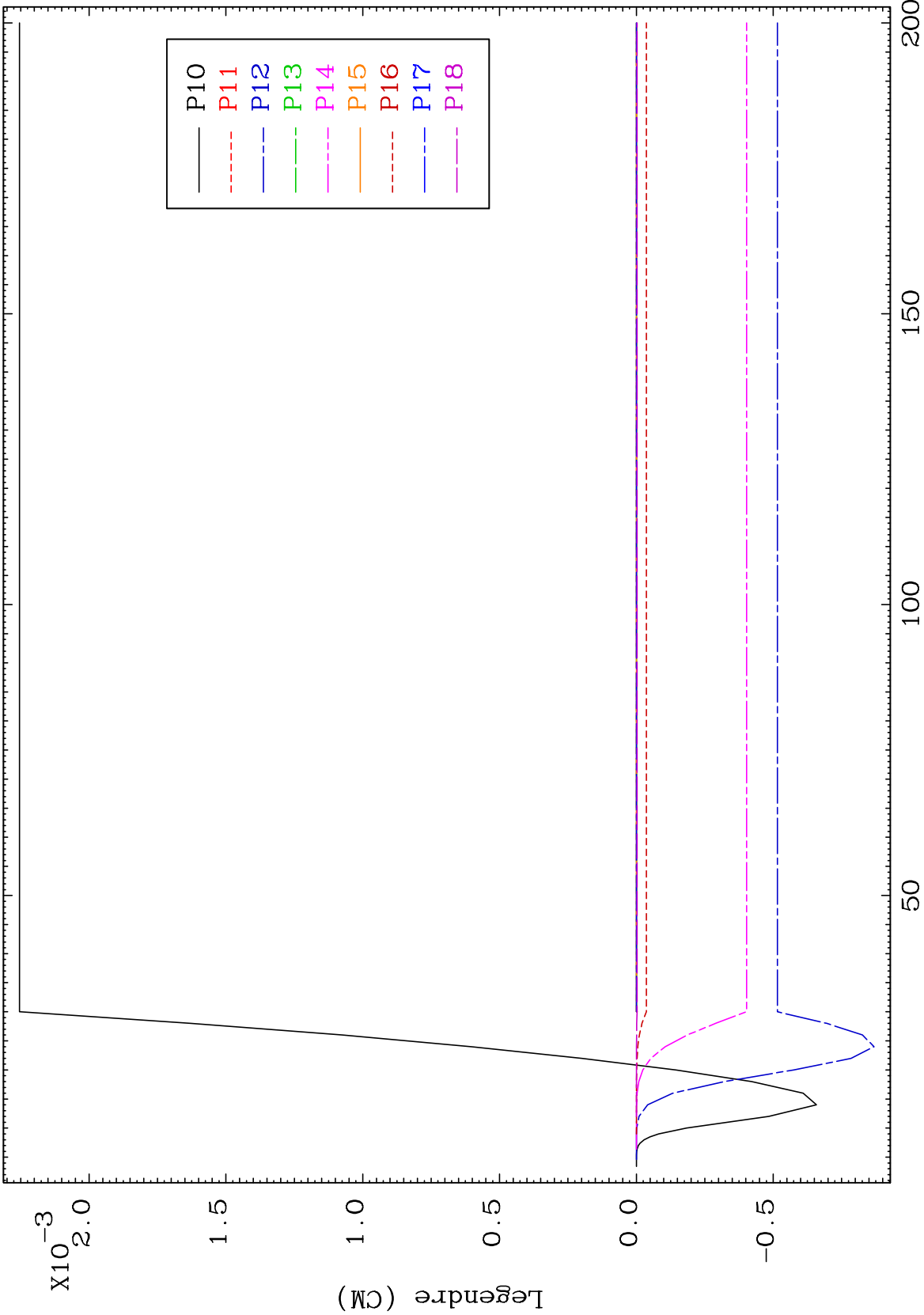
28-Ni-58



MAT 2825

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

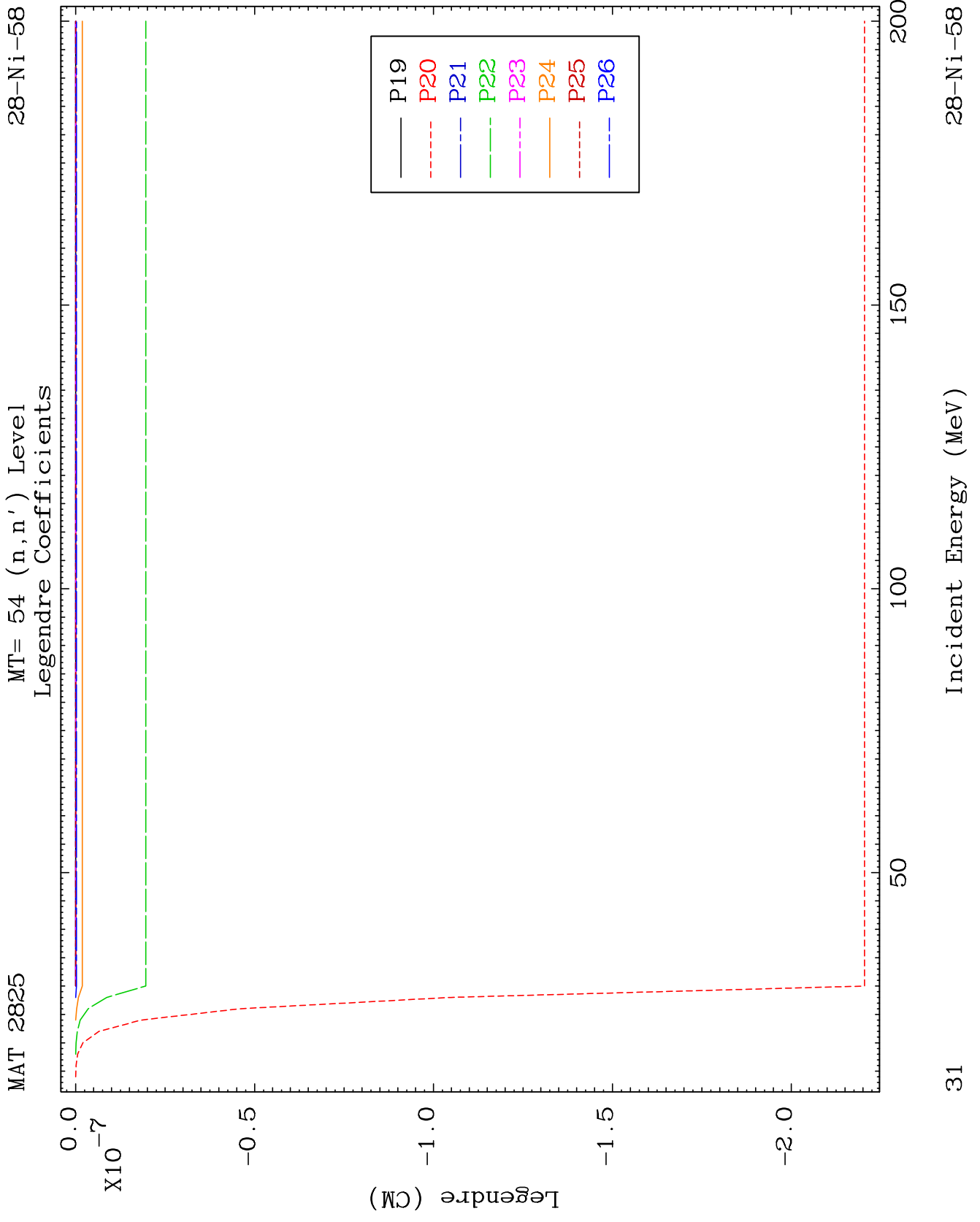
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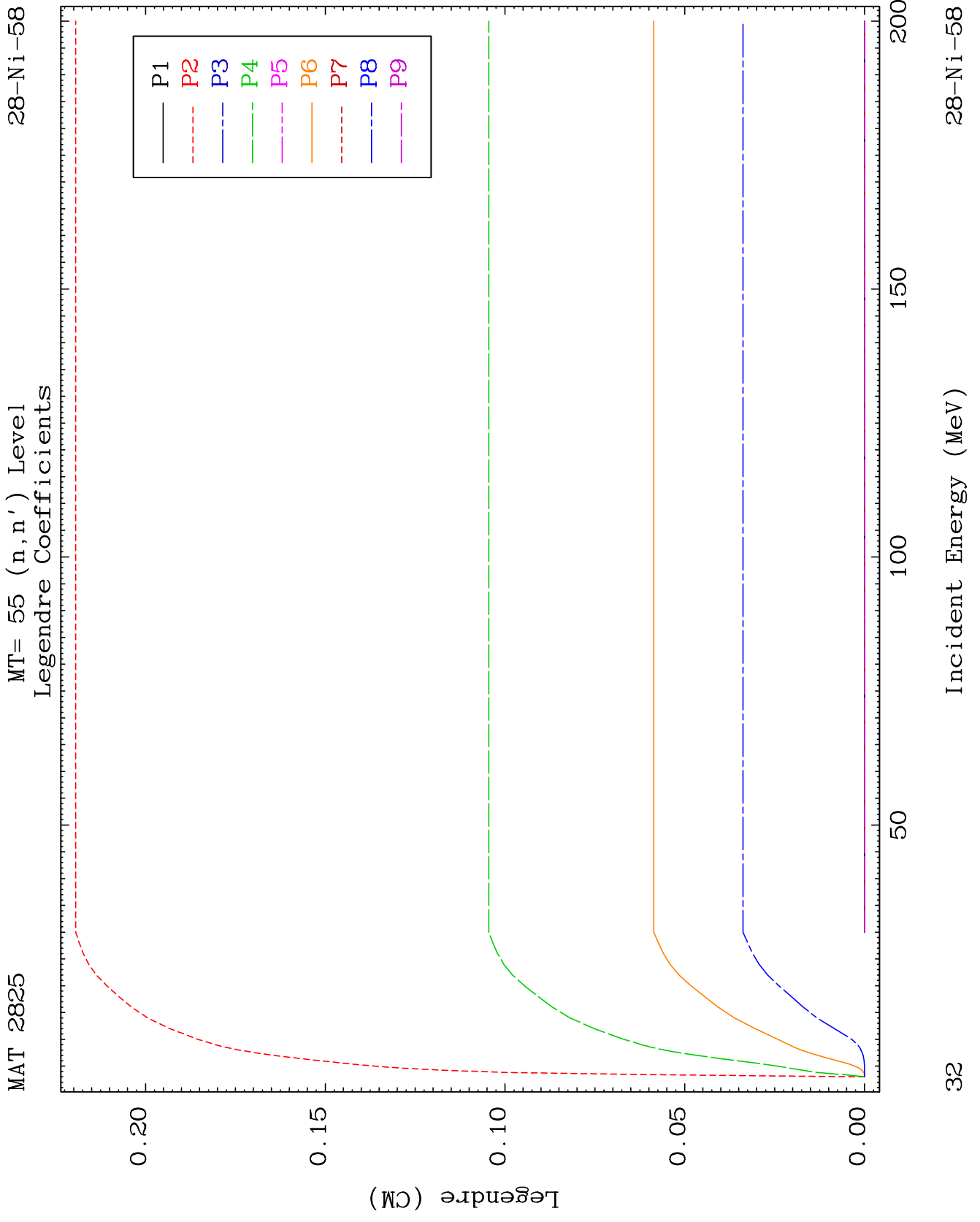


30

Incident Energy (MeV)

28-Ni-58

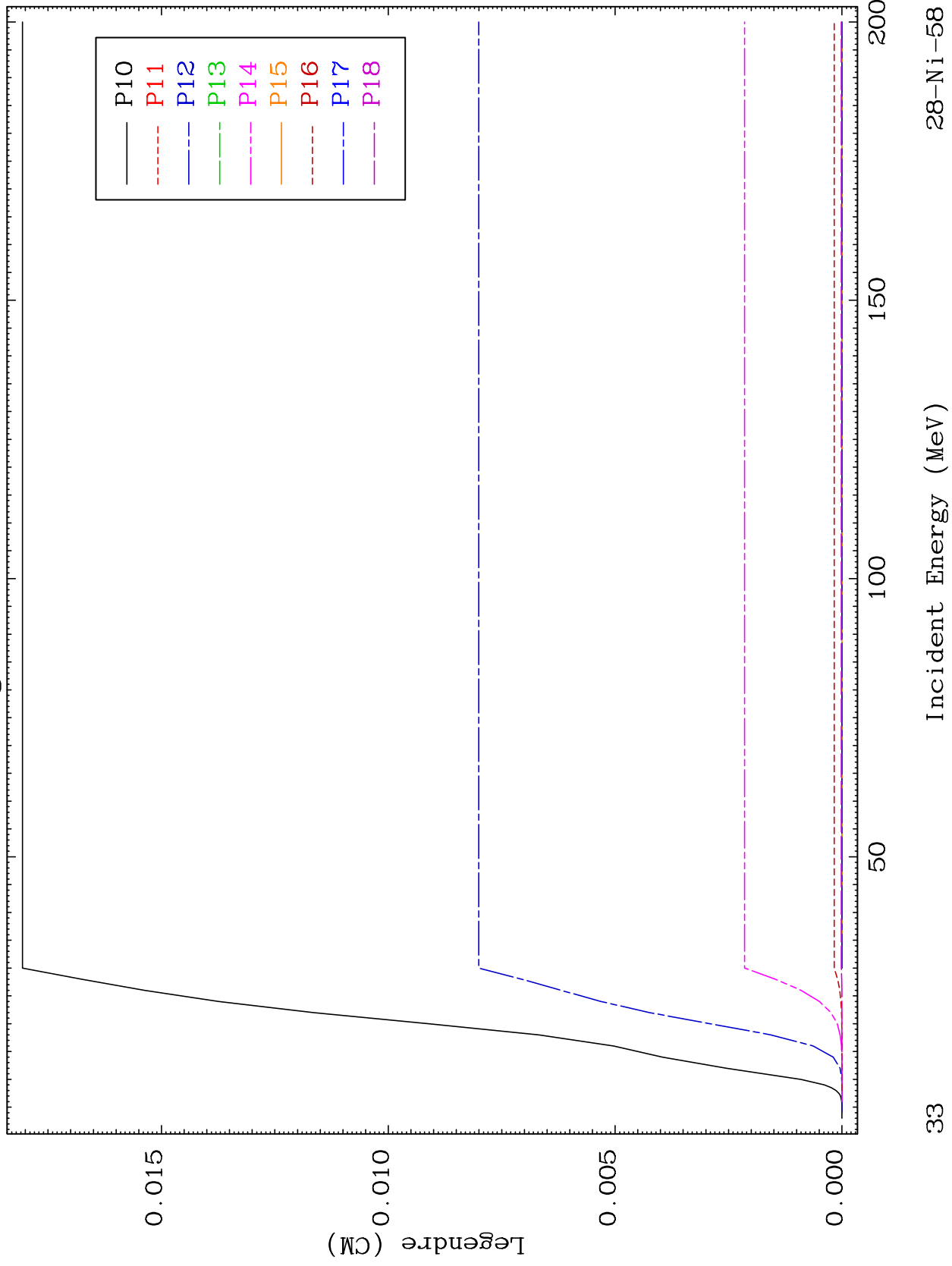


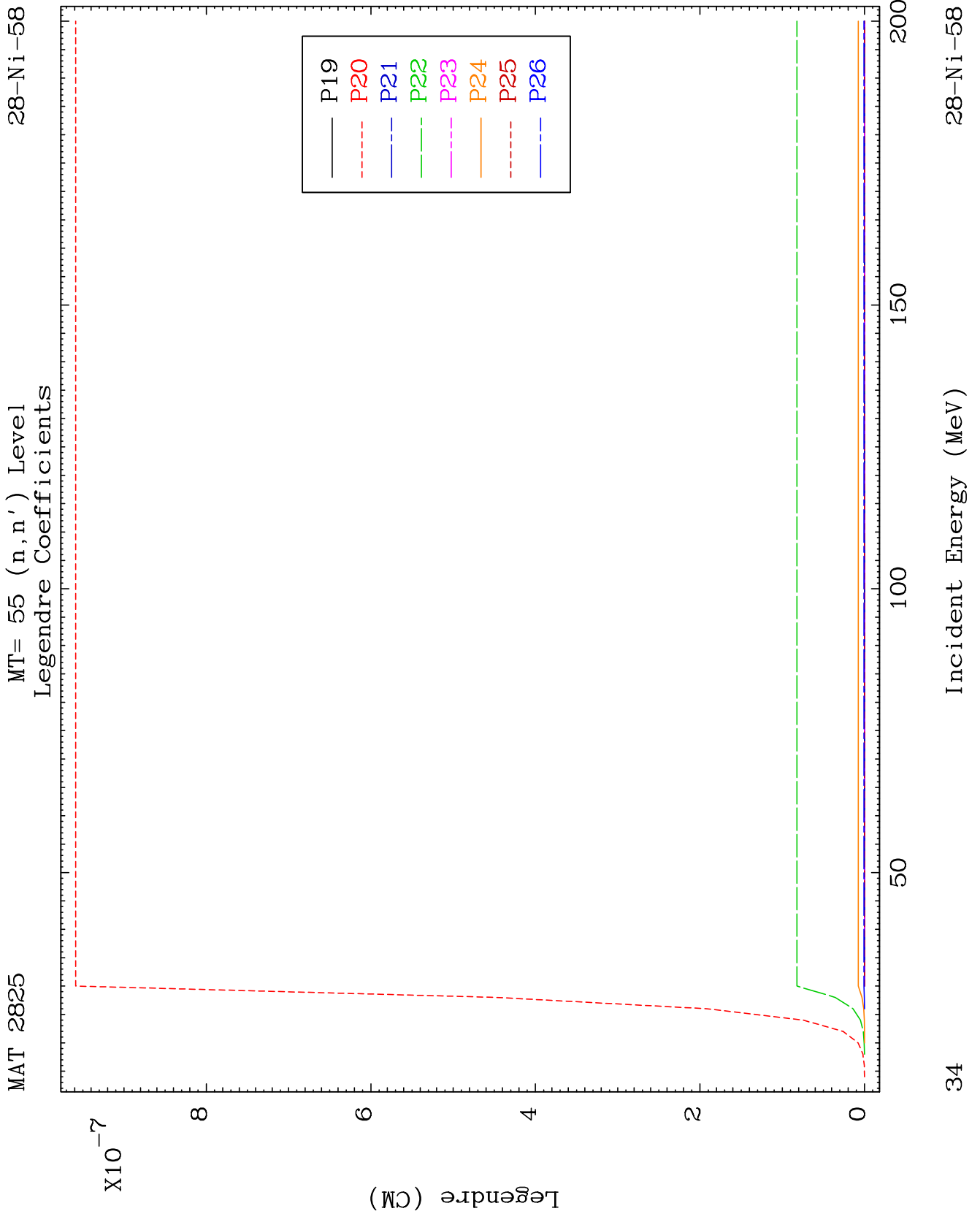


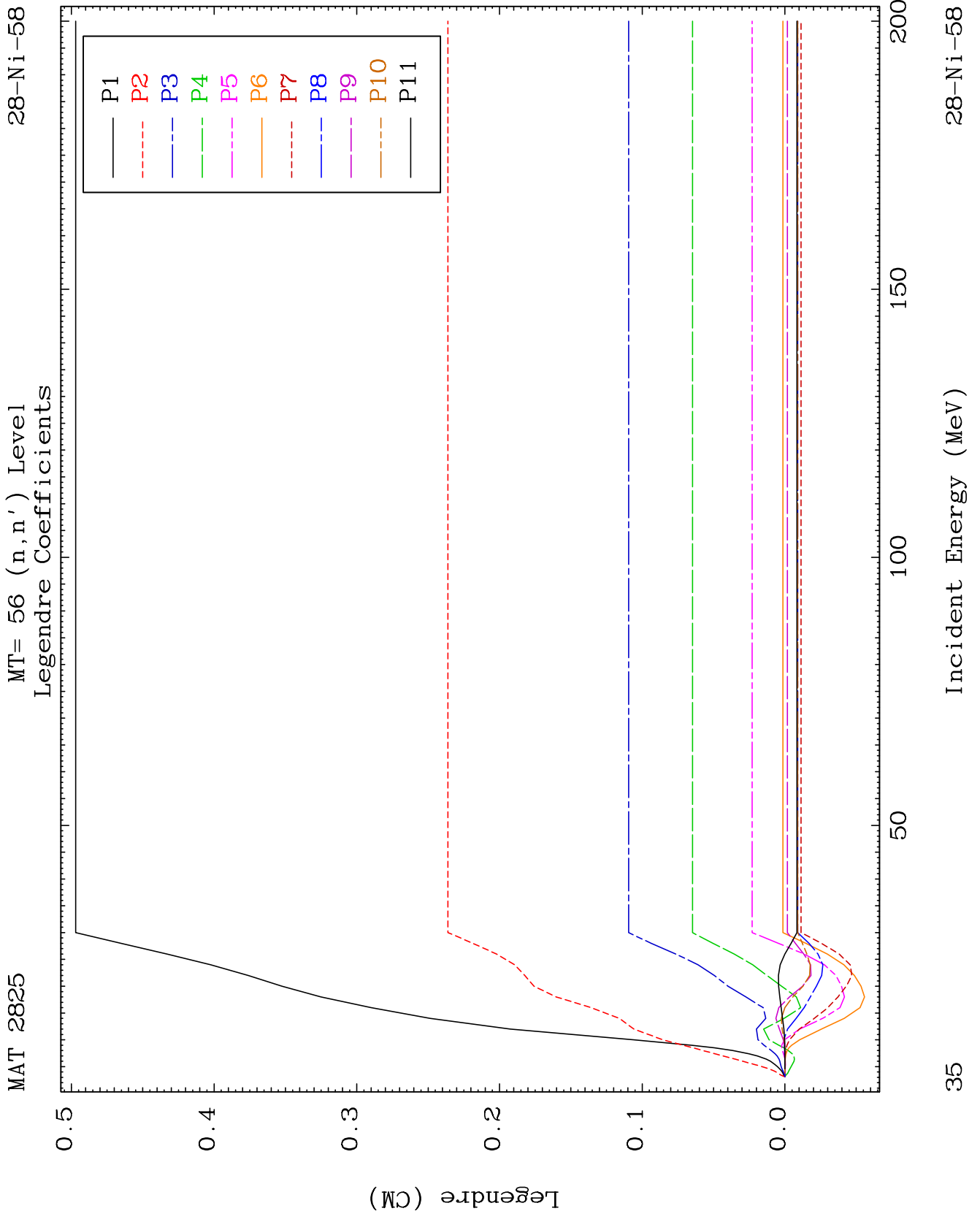
MAT 2825

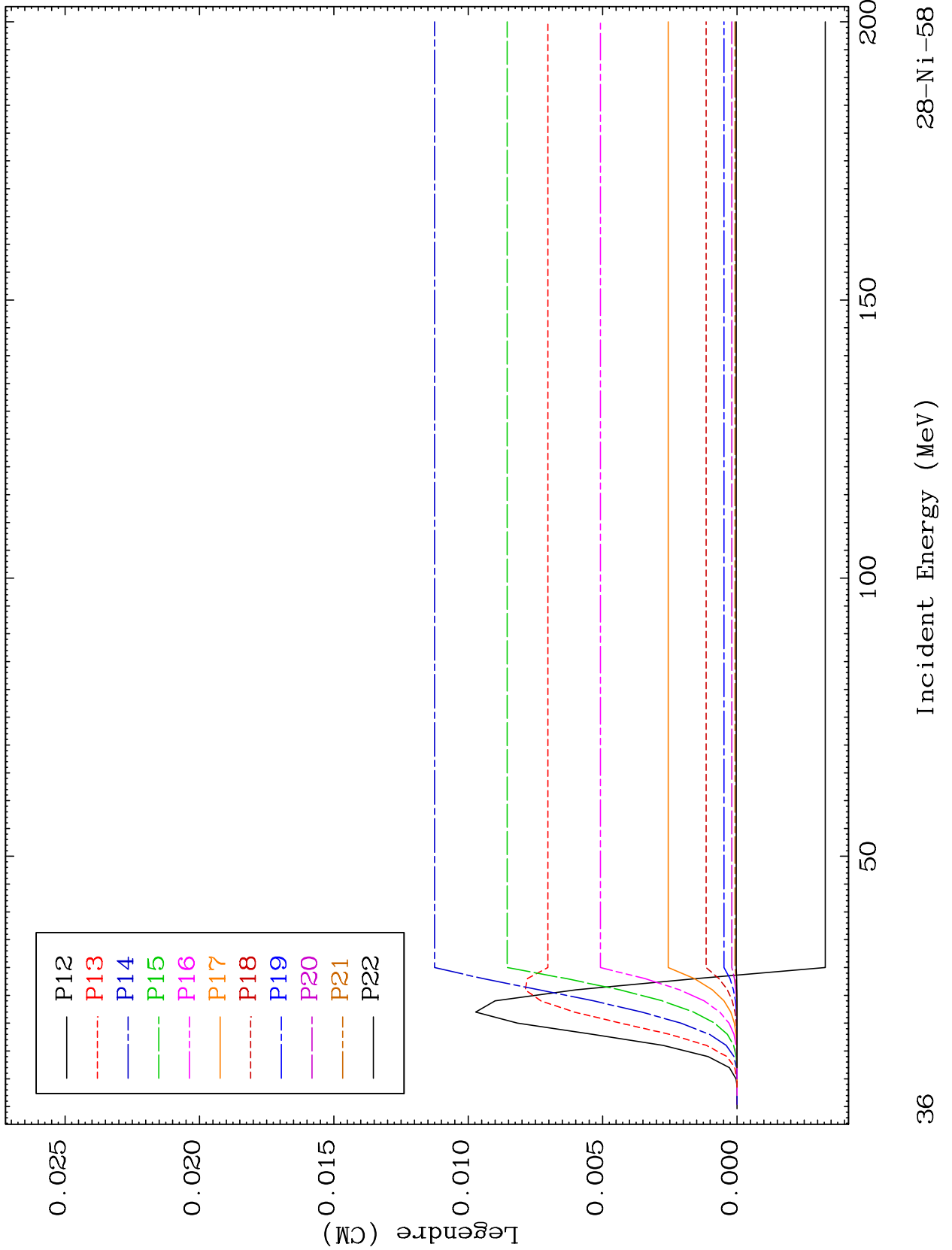
MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-58





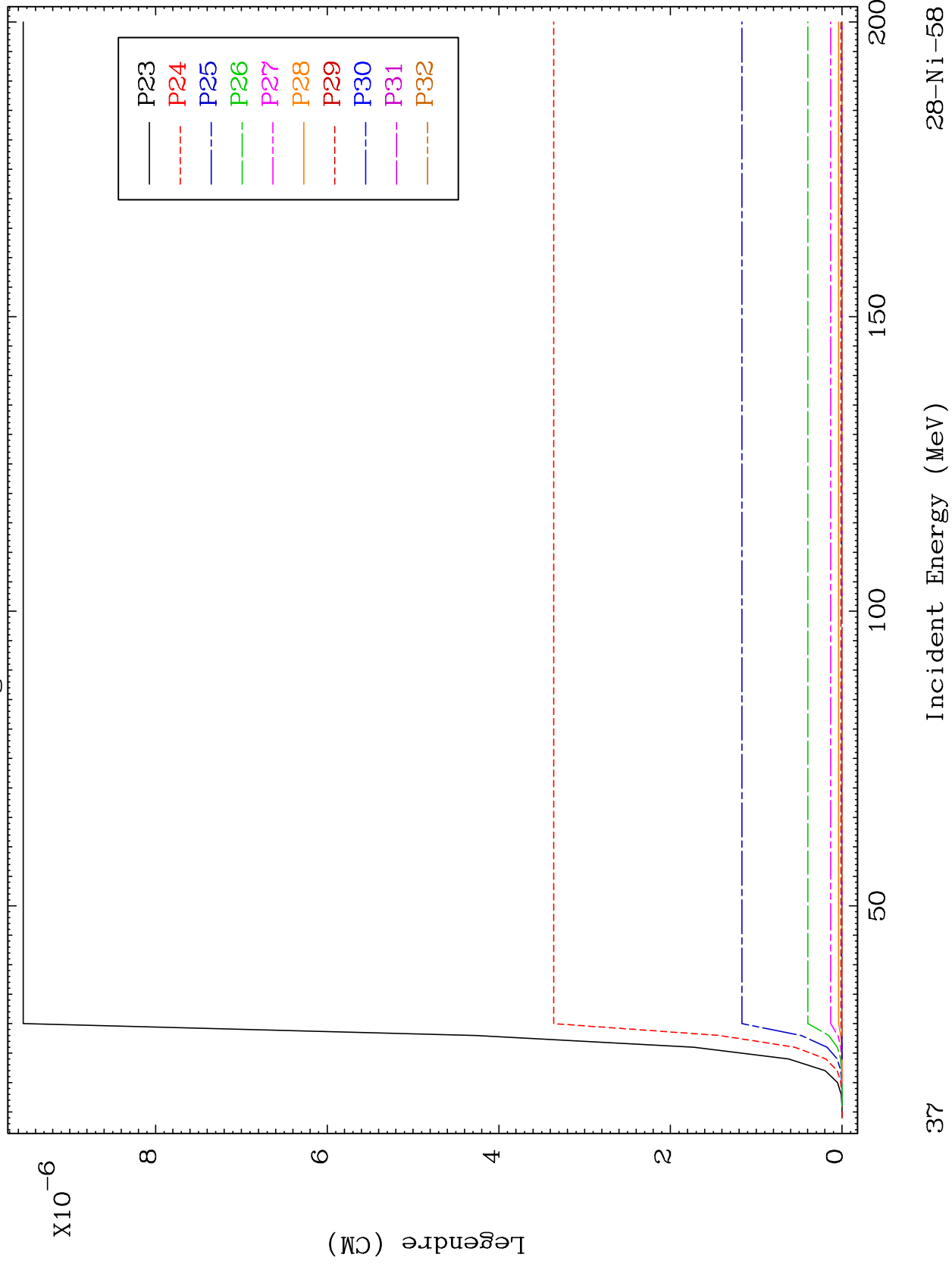


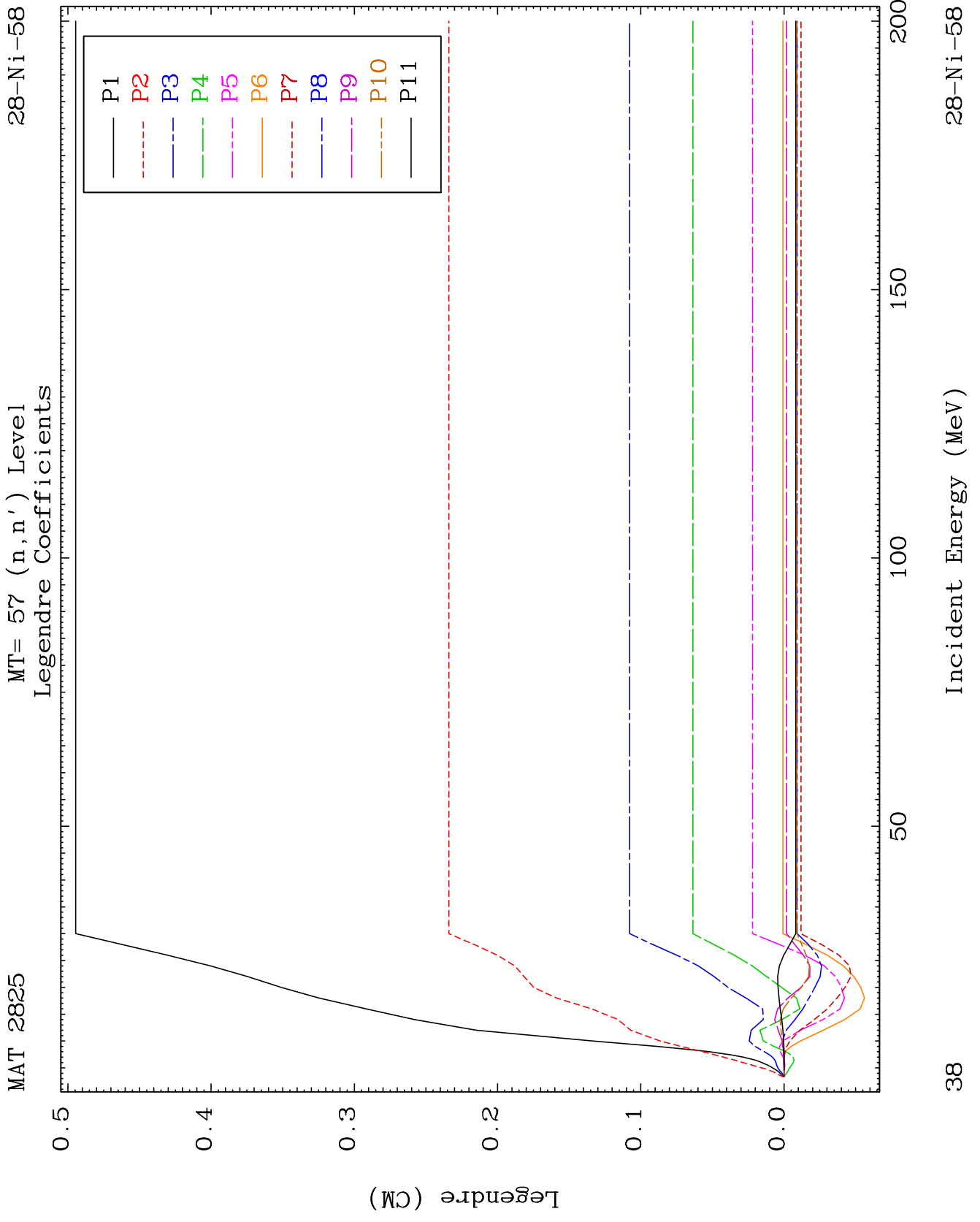


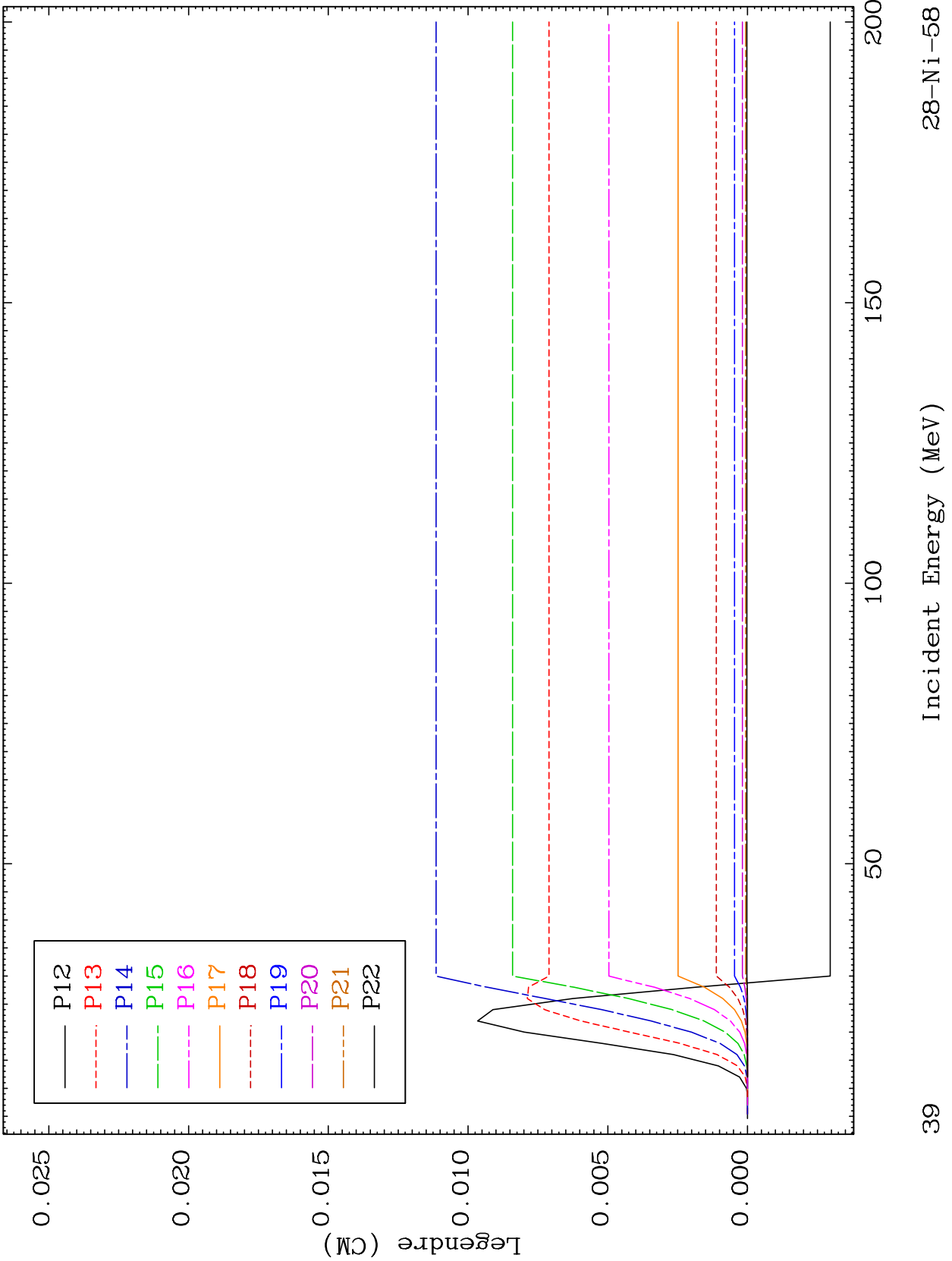
MAT 2825

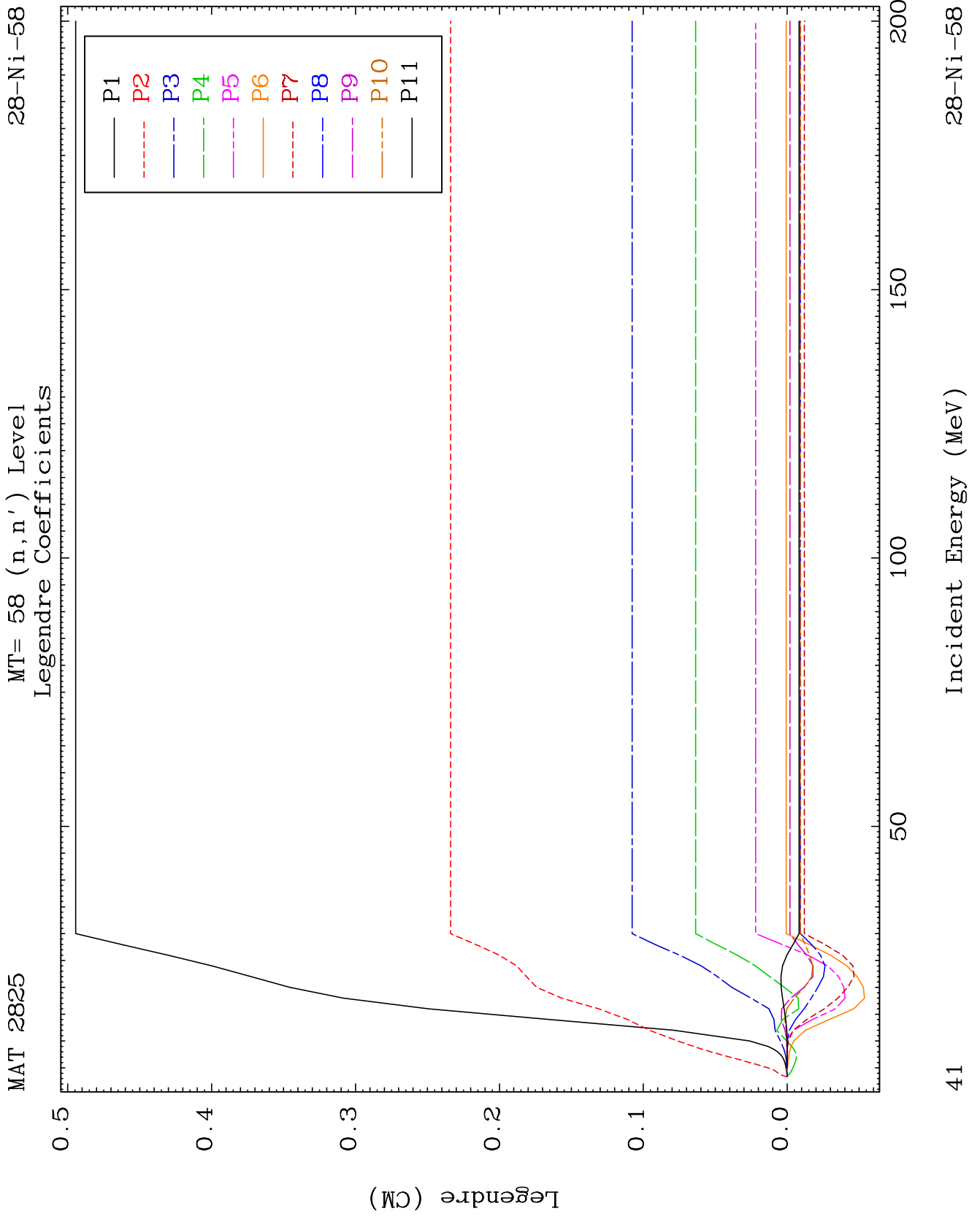
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Legendre Coefficients

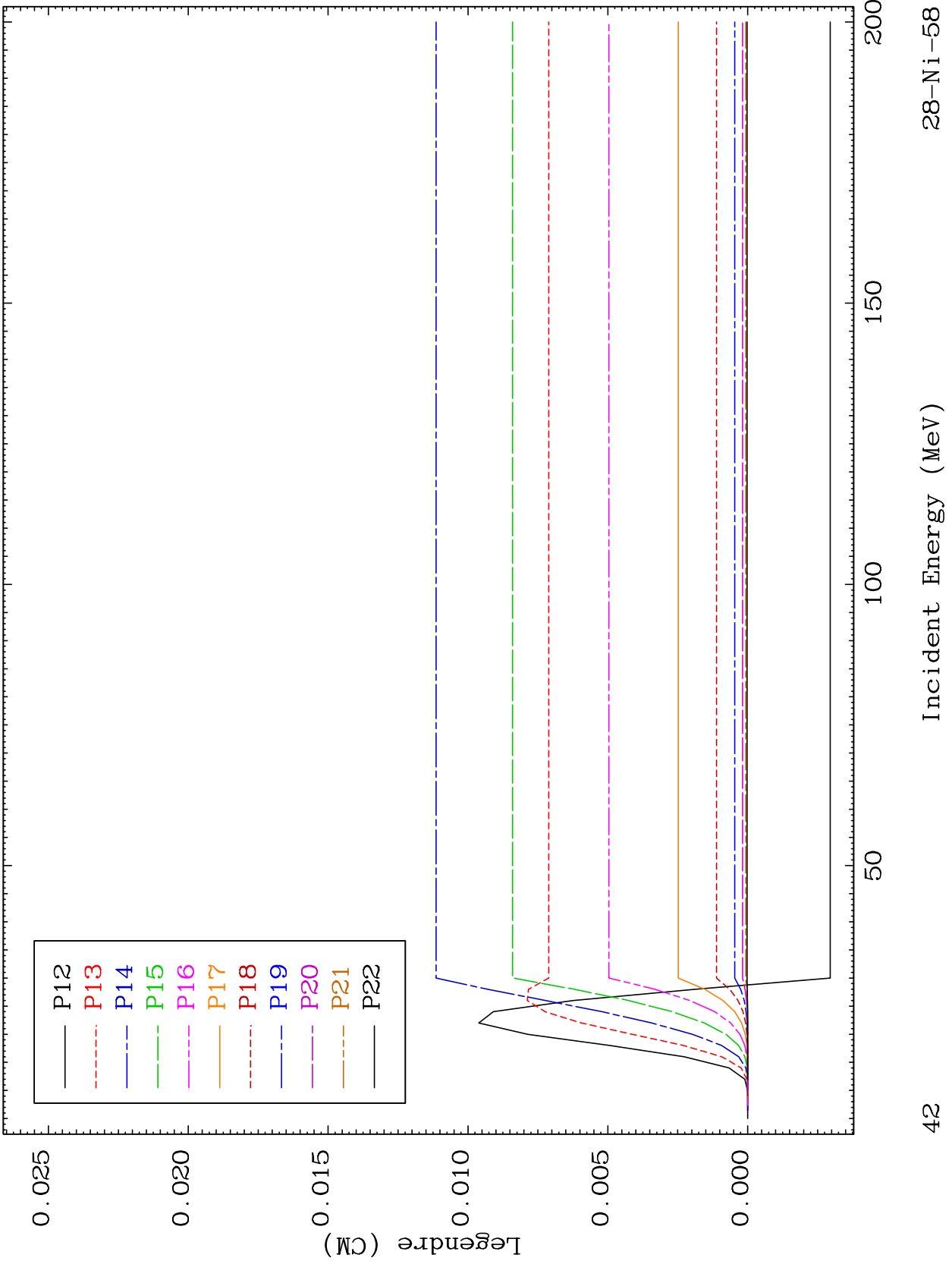
28-Ni-58







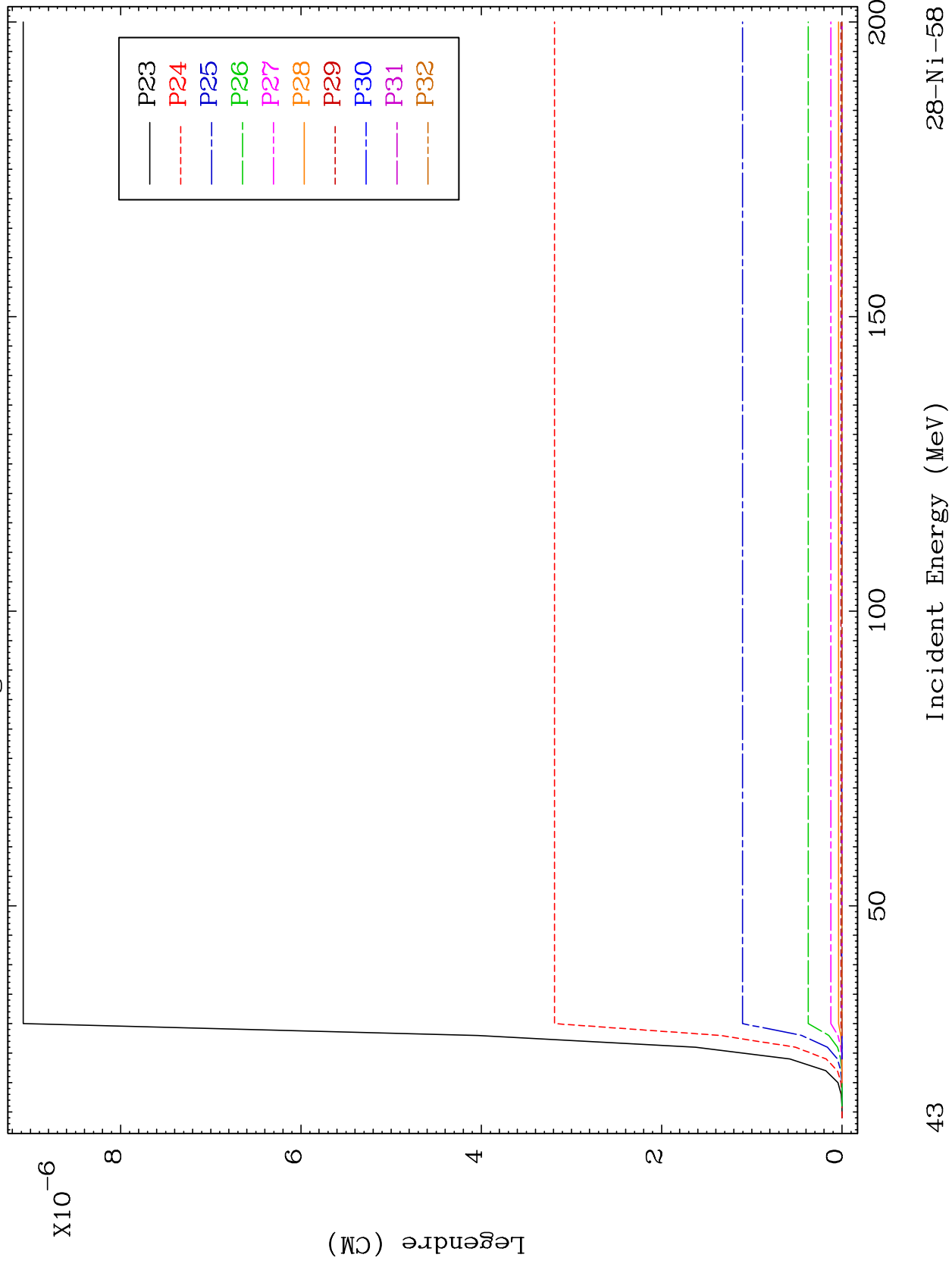




MAT 2825

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

28-Ni-58



43

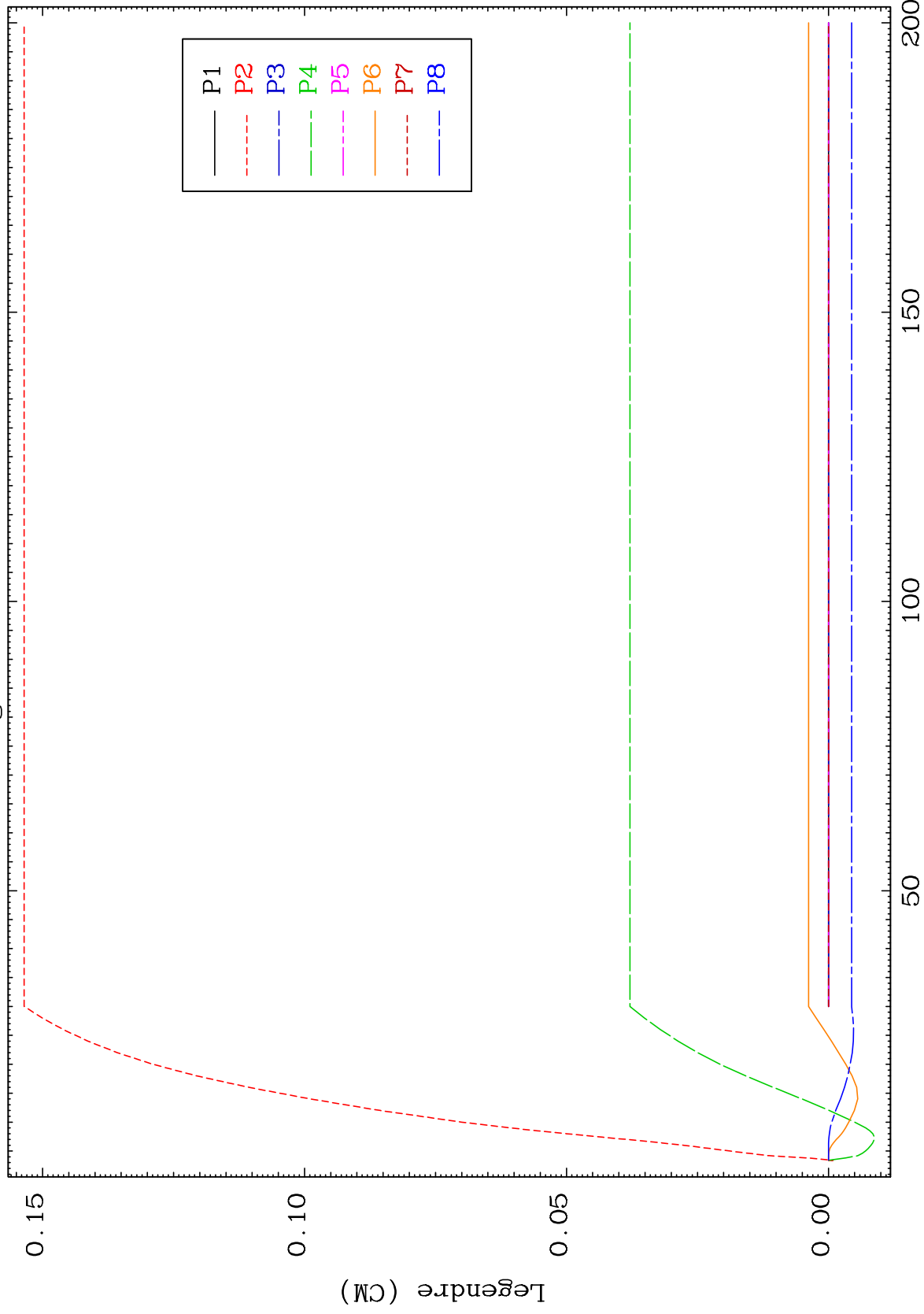
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

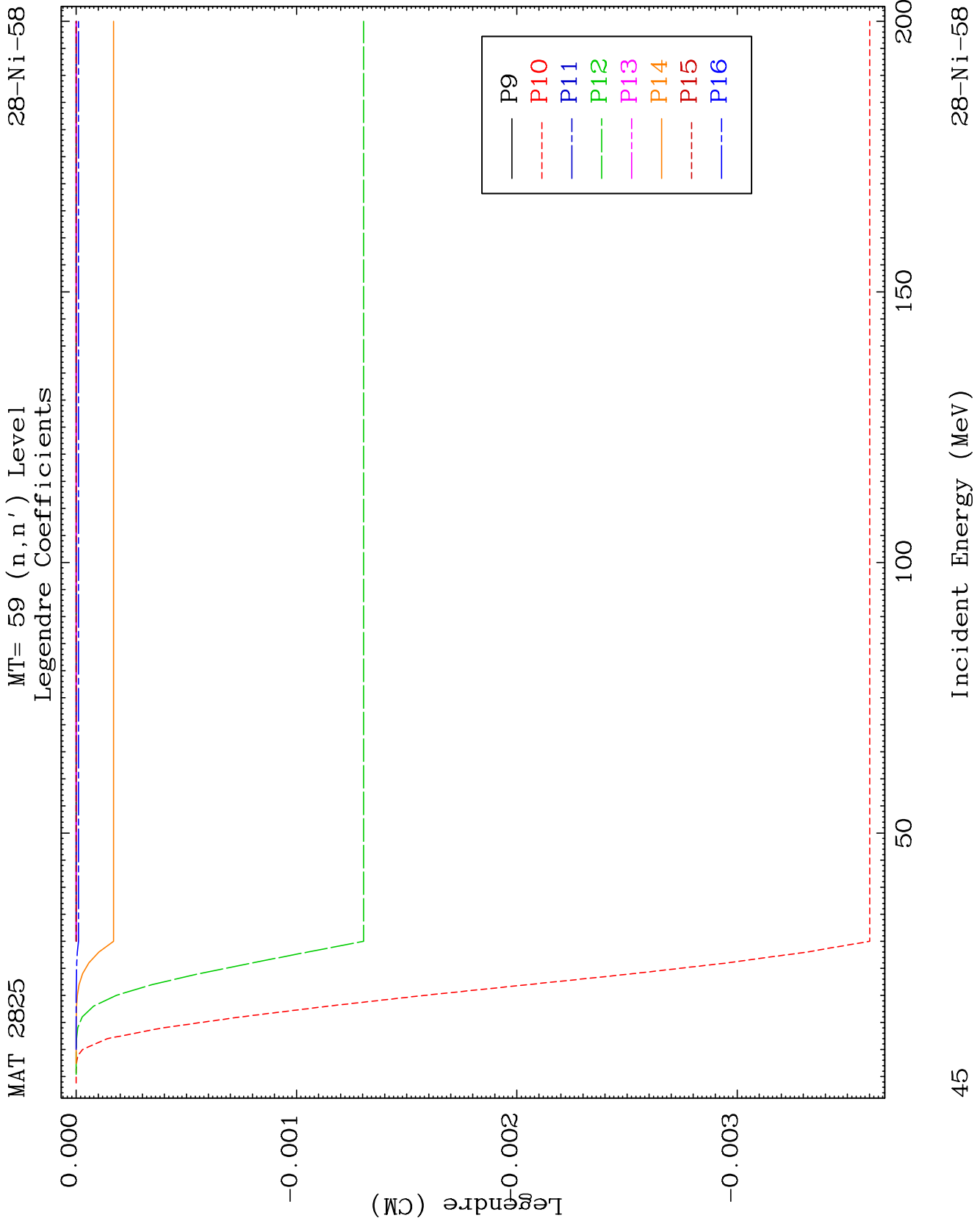
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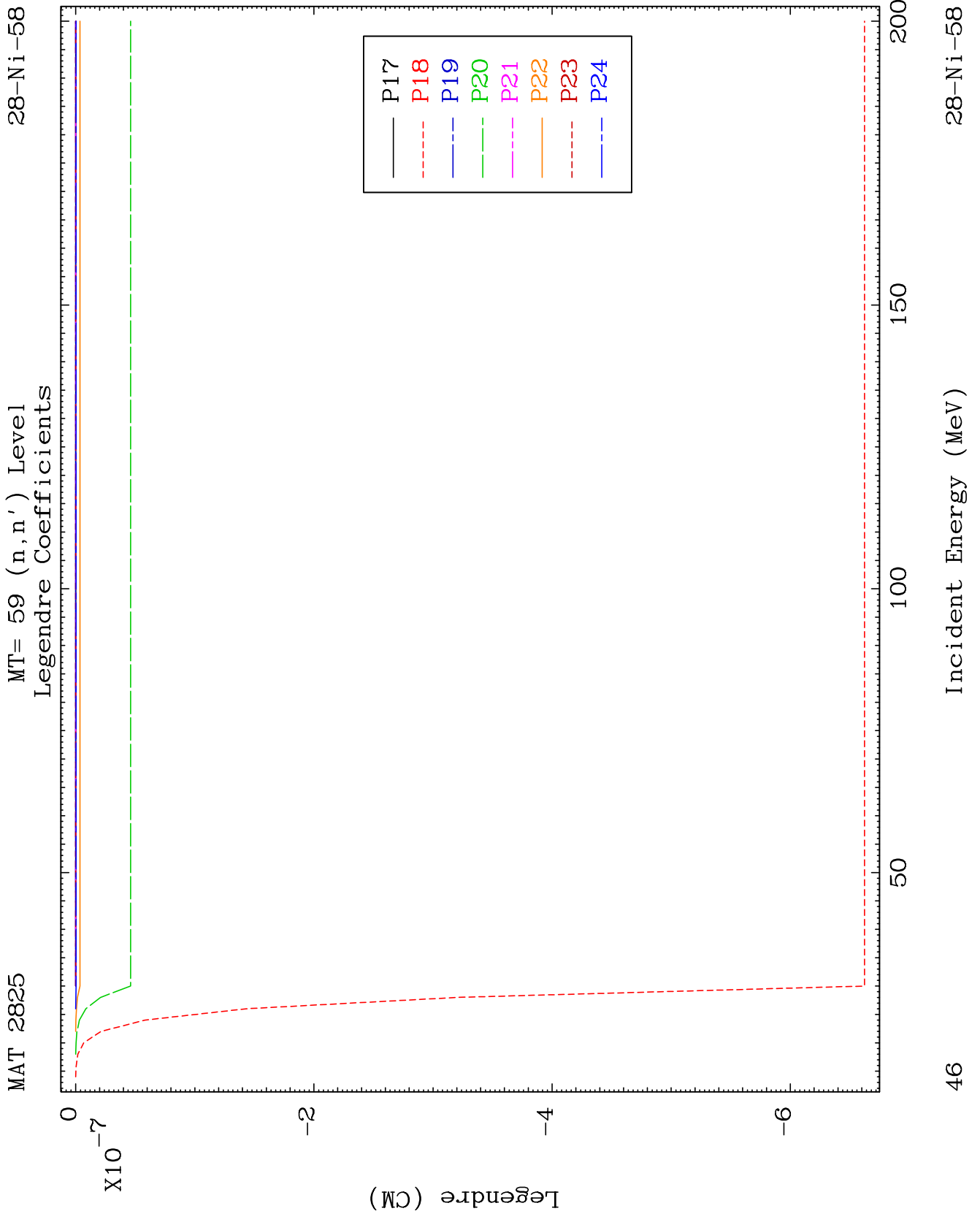


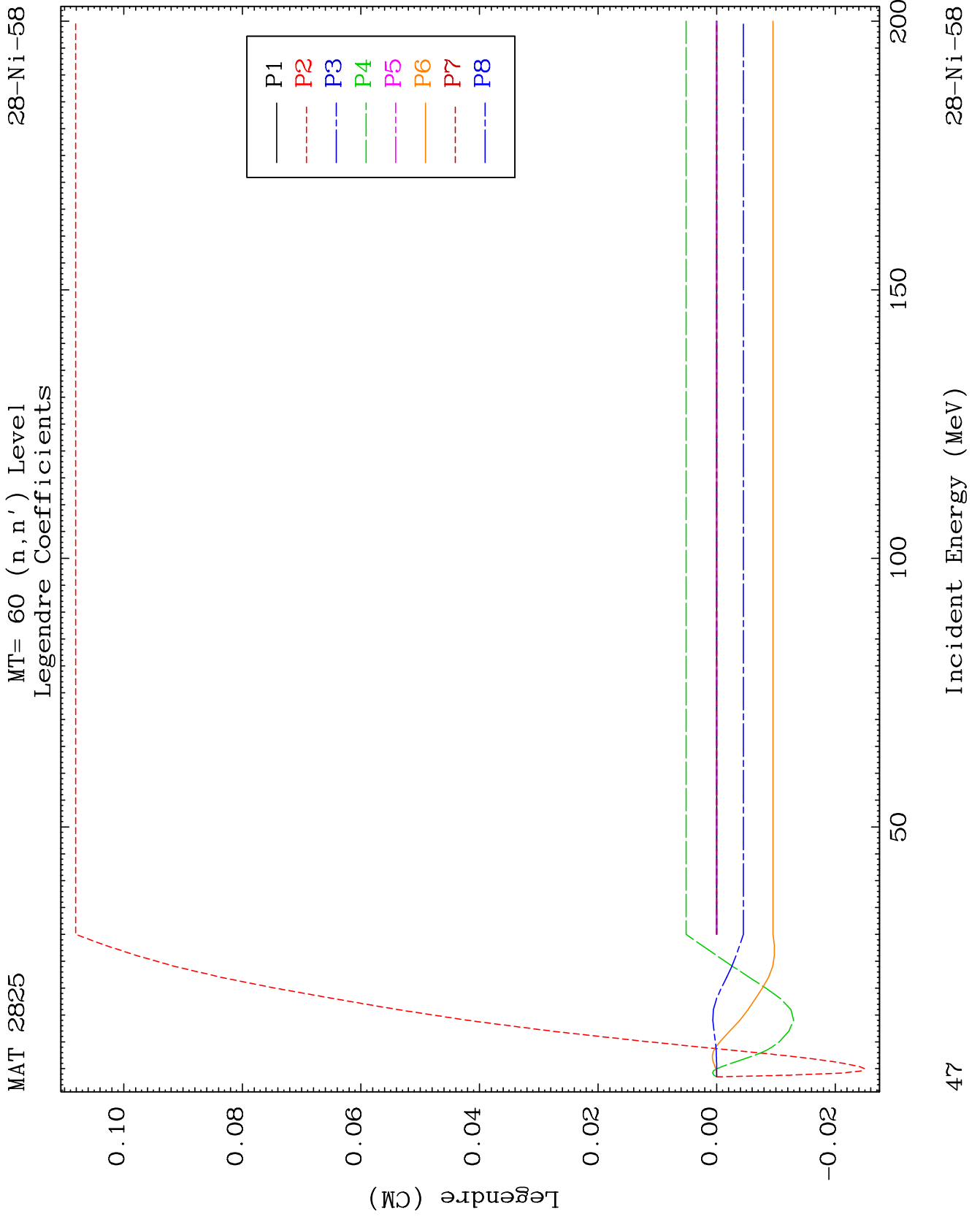
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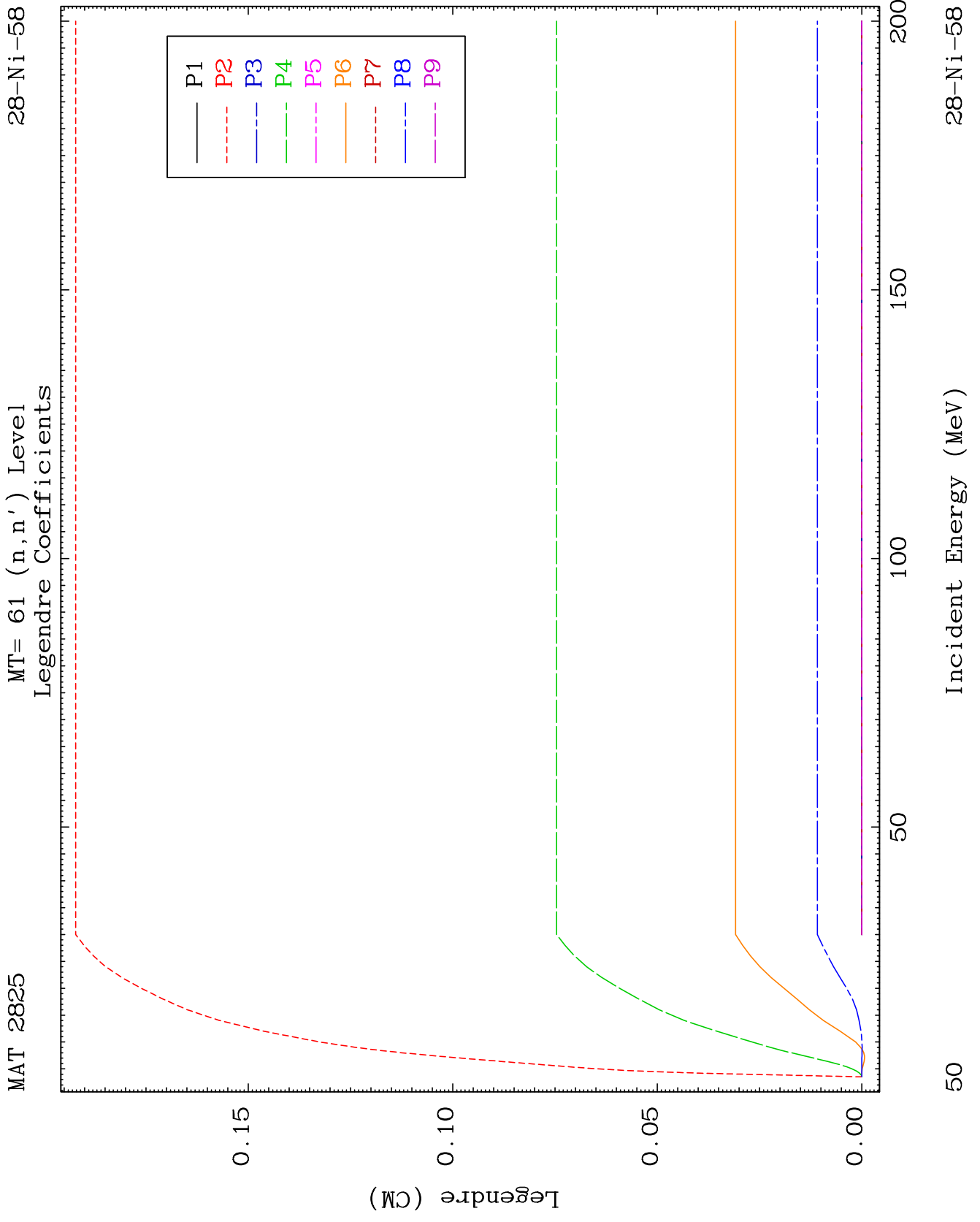
Incident Energy (MeV)

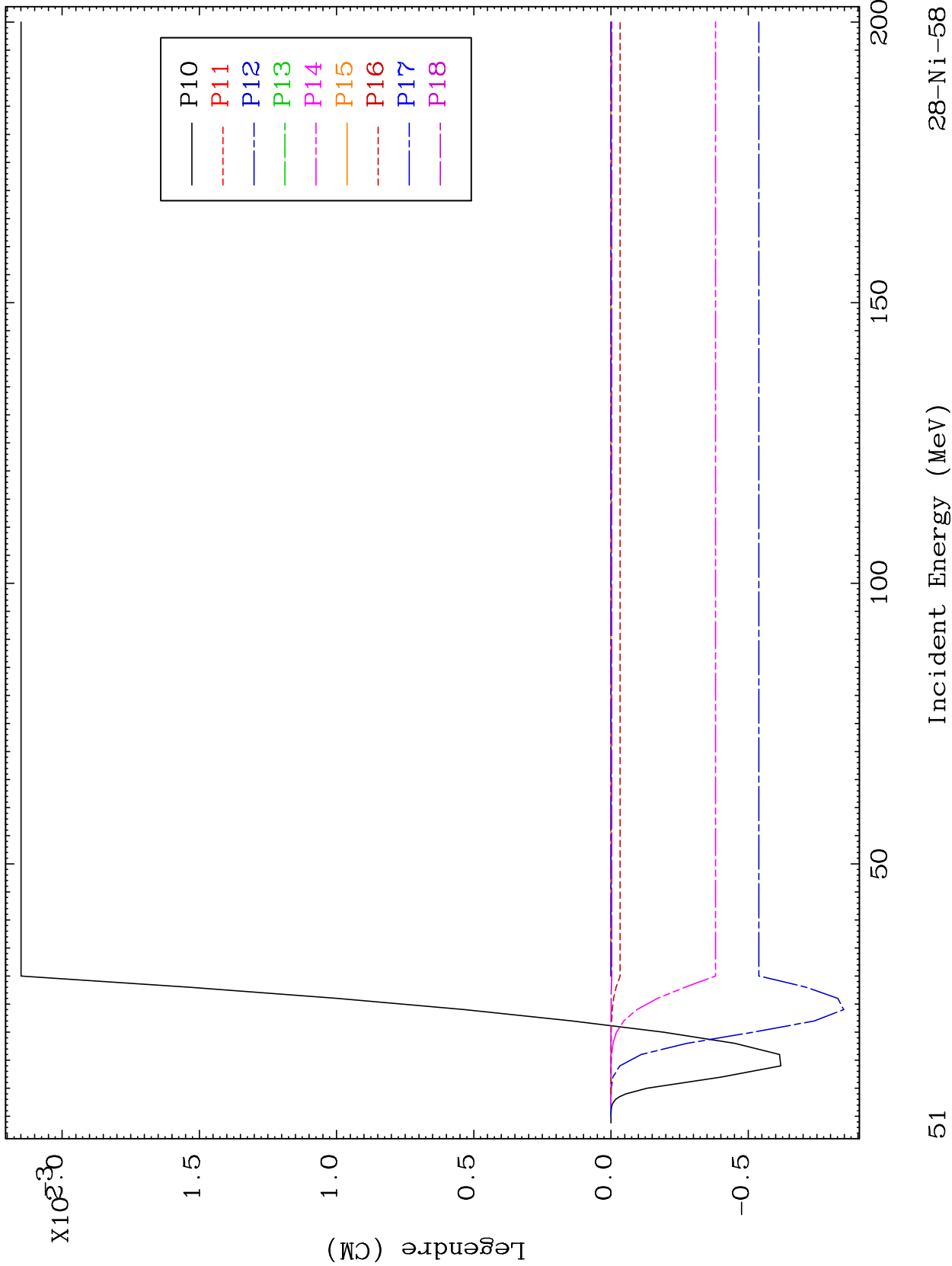
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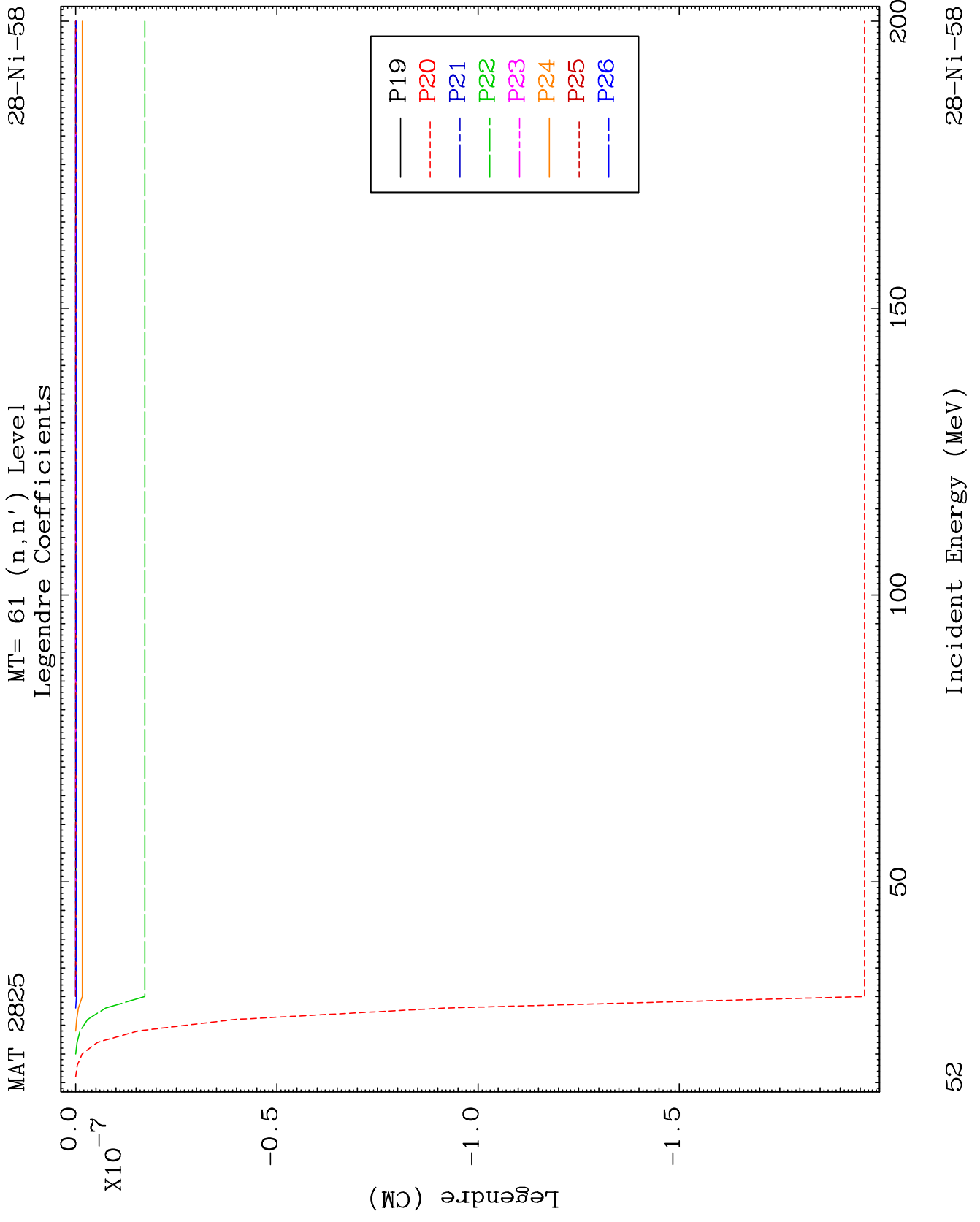








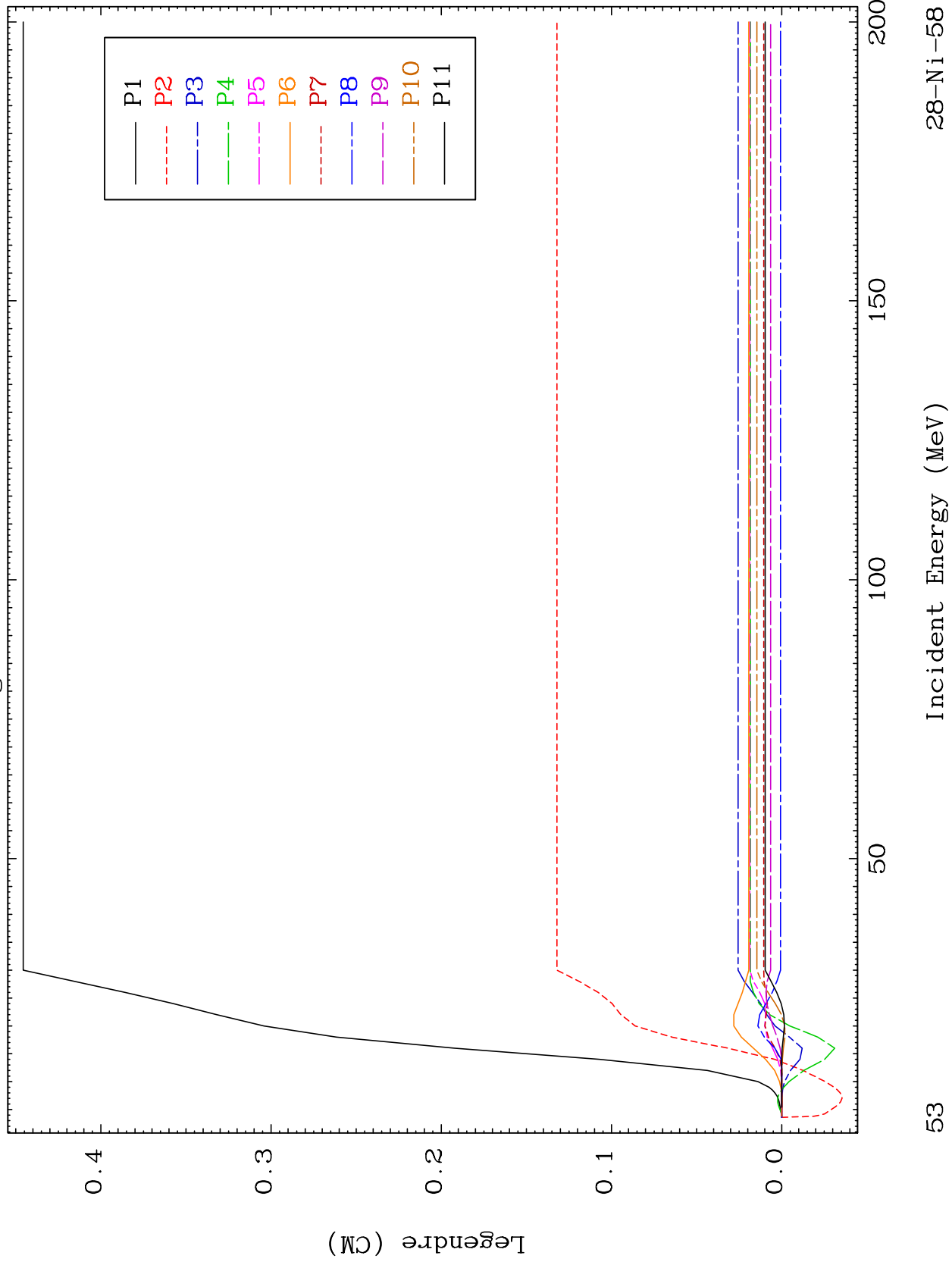




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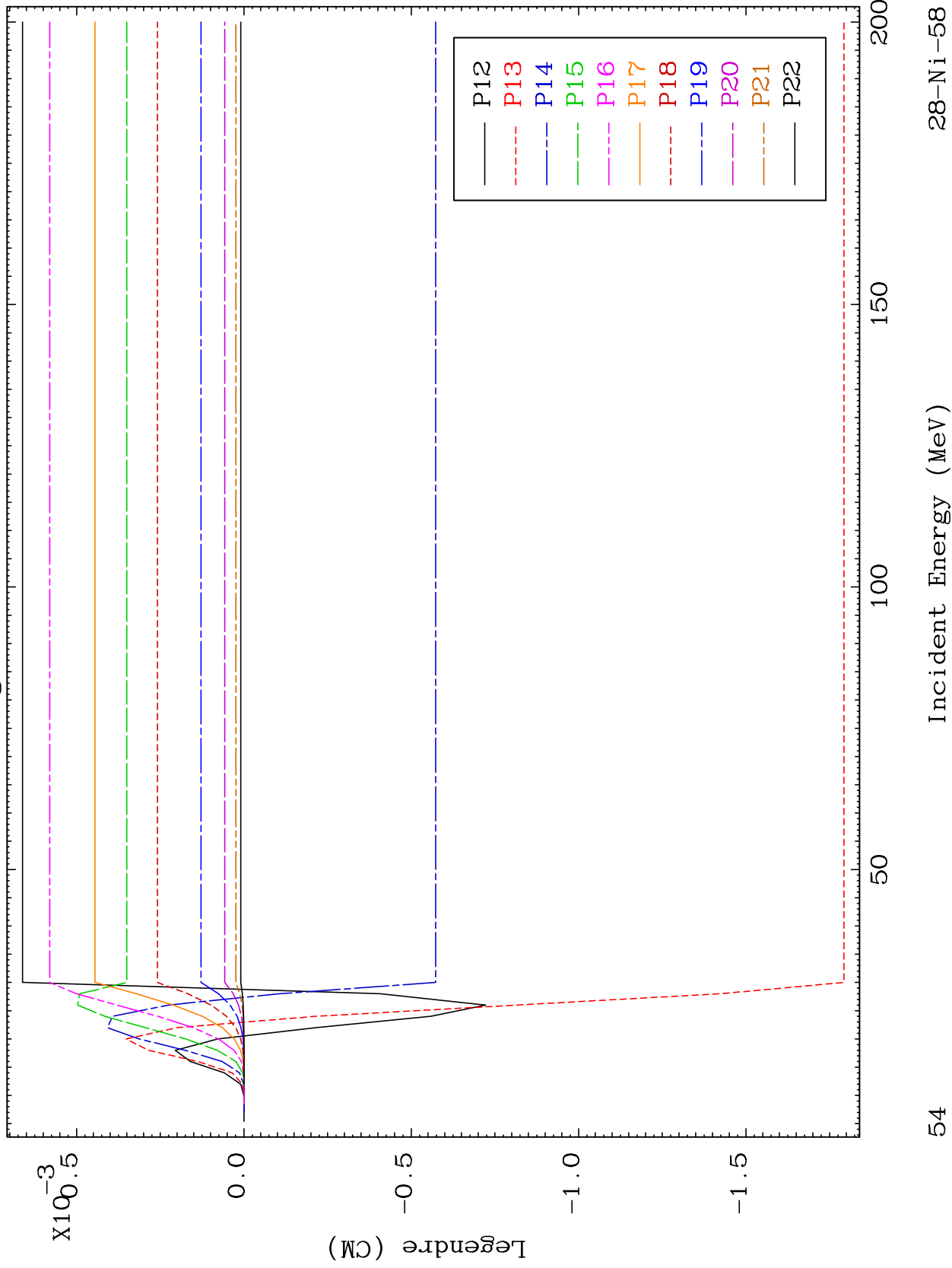
MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-58



53

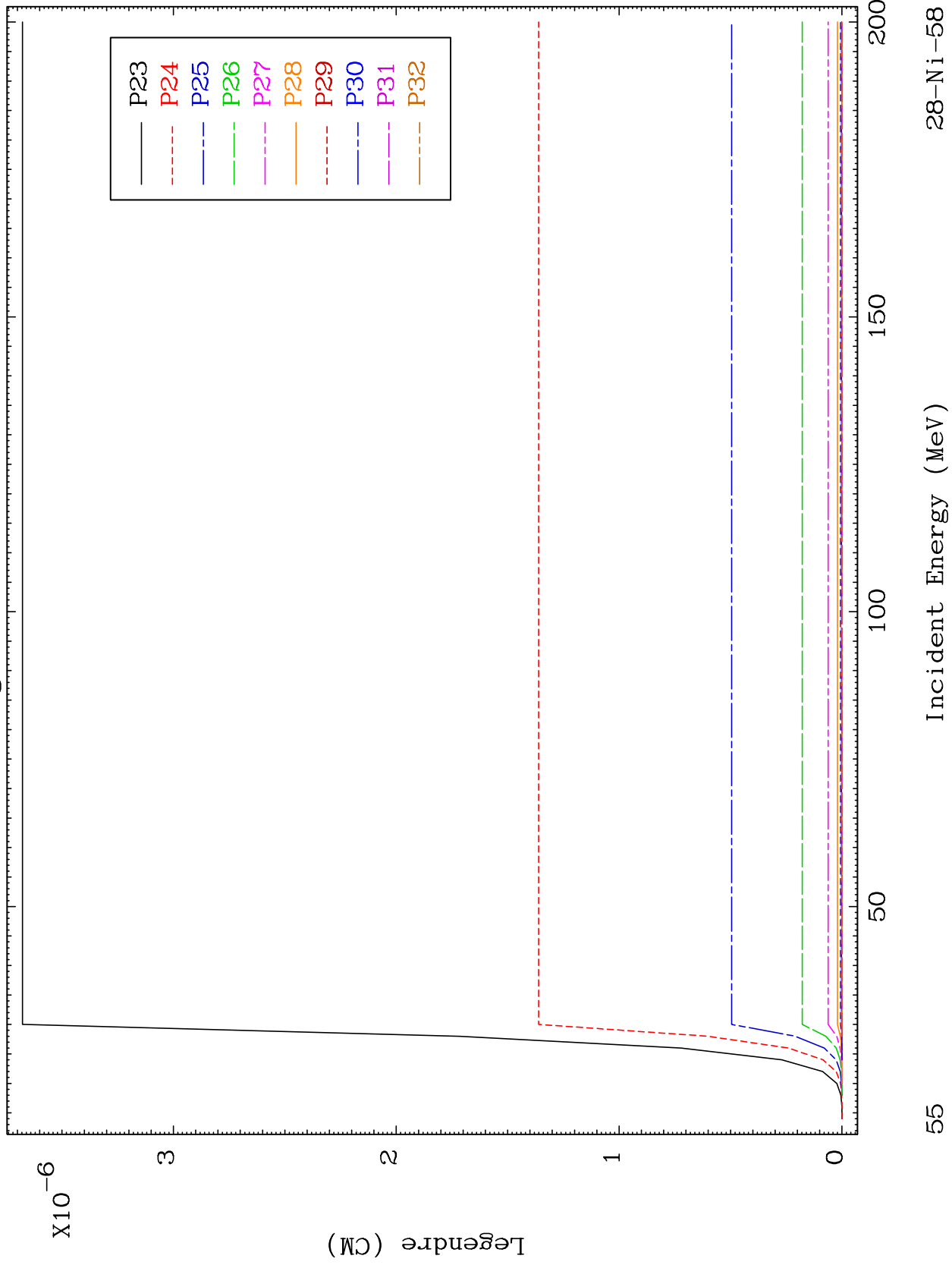
28-Ni-58



MAT 2825

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

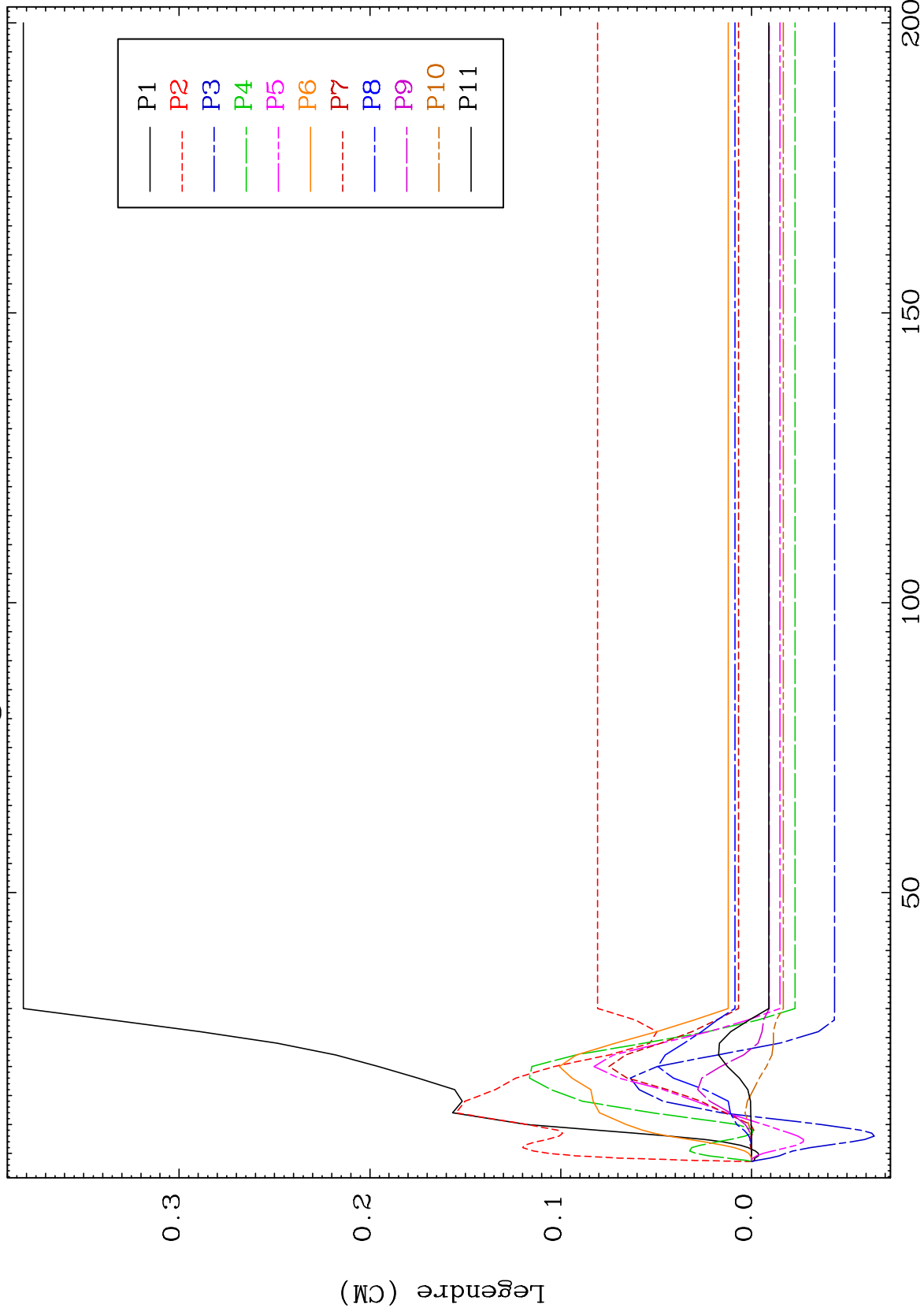
28-Ni-58



MAT 2825

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

28-Ni-58



56

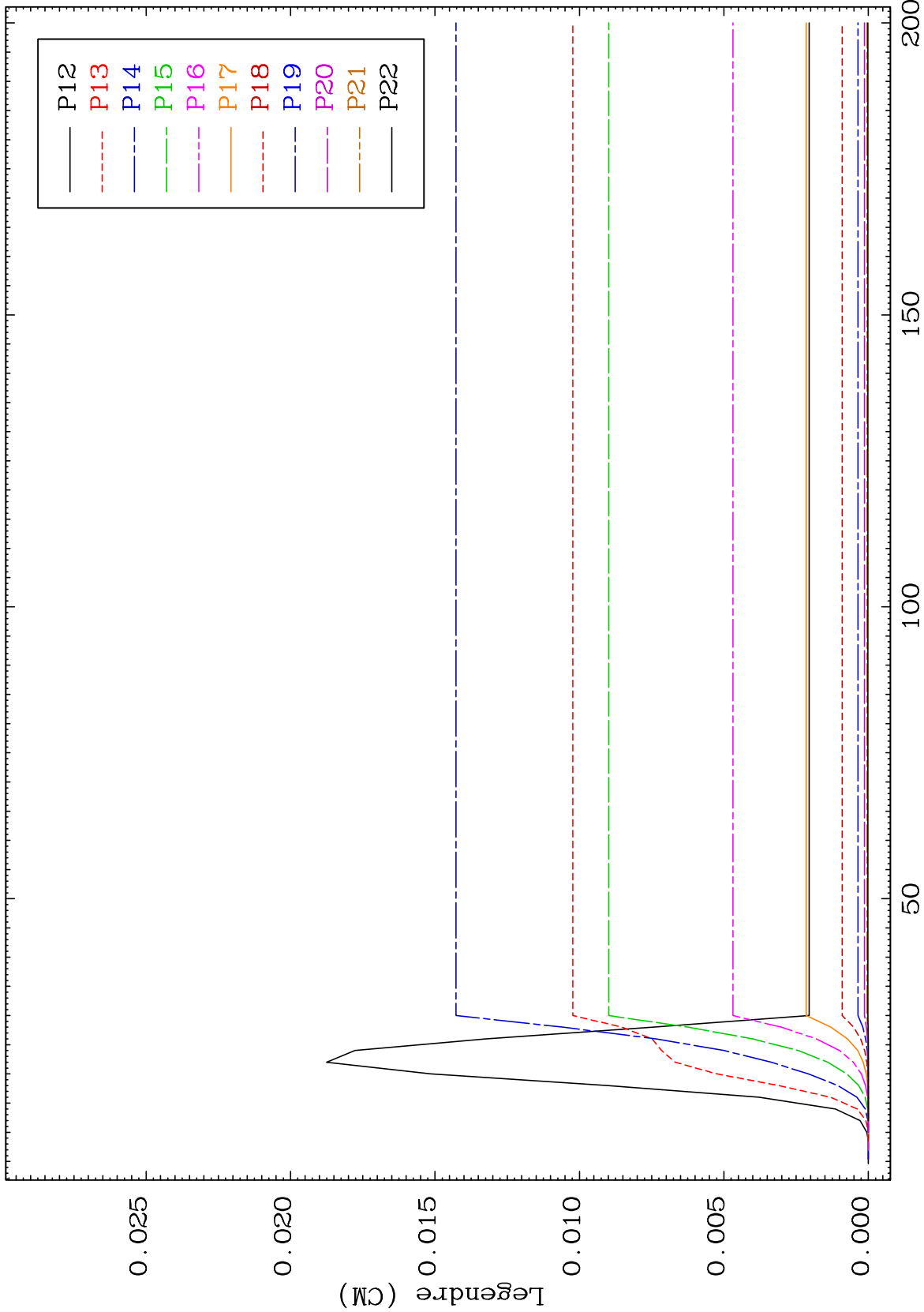
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



57

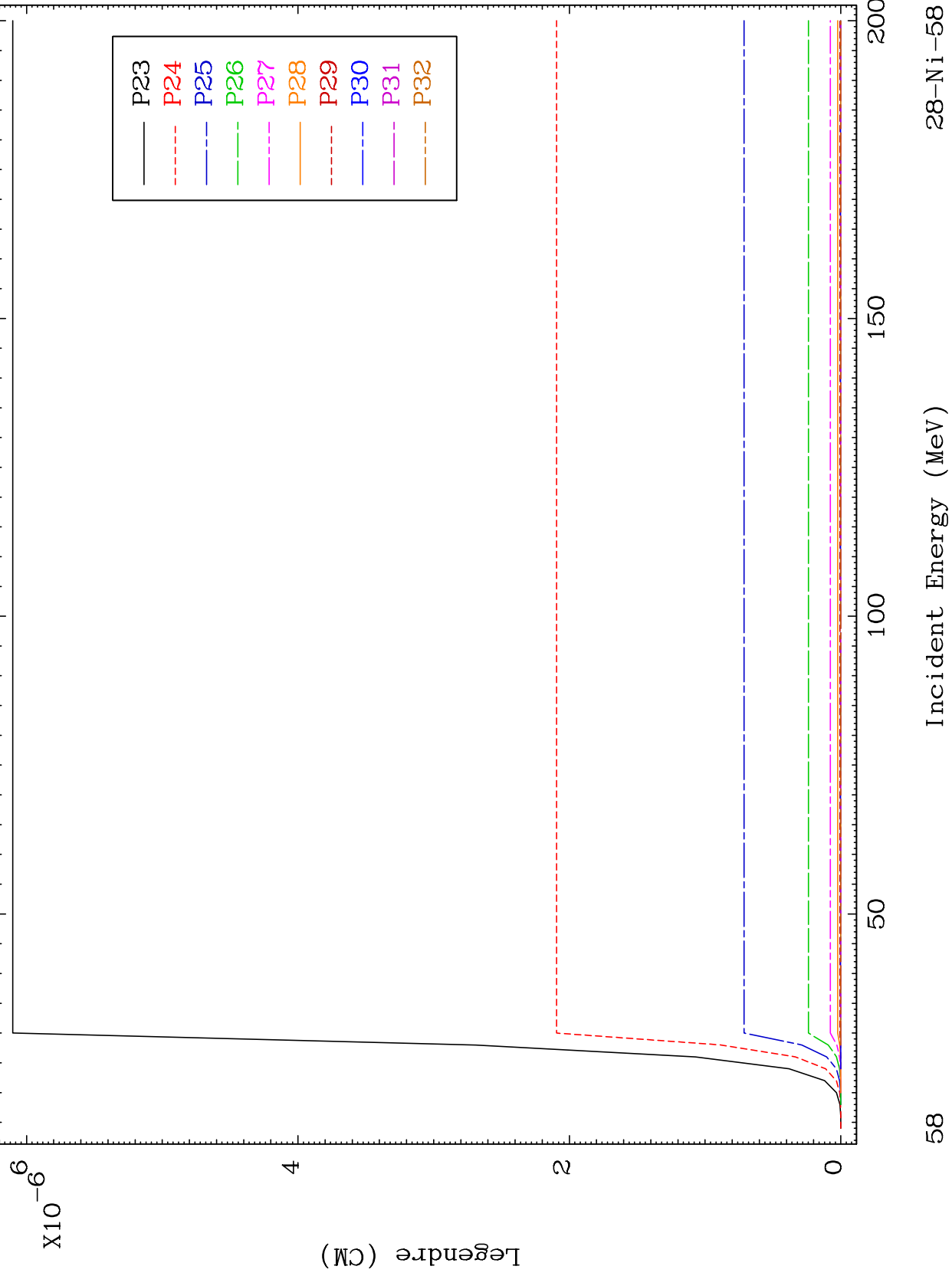
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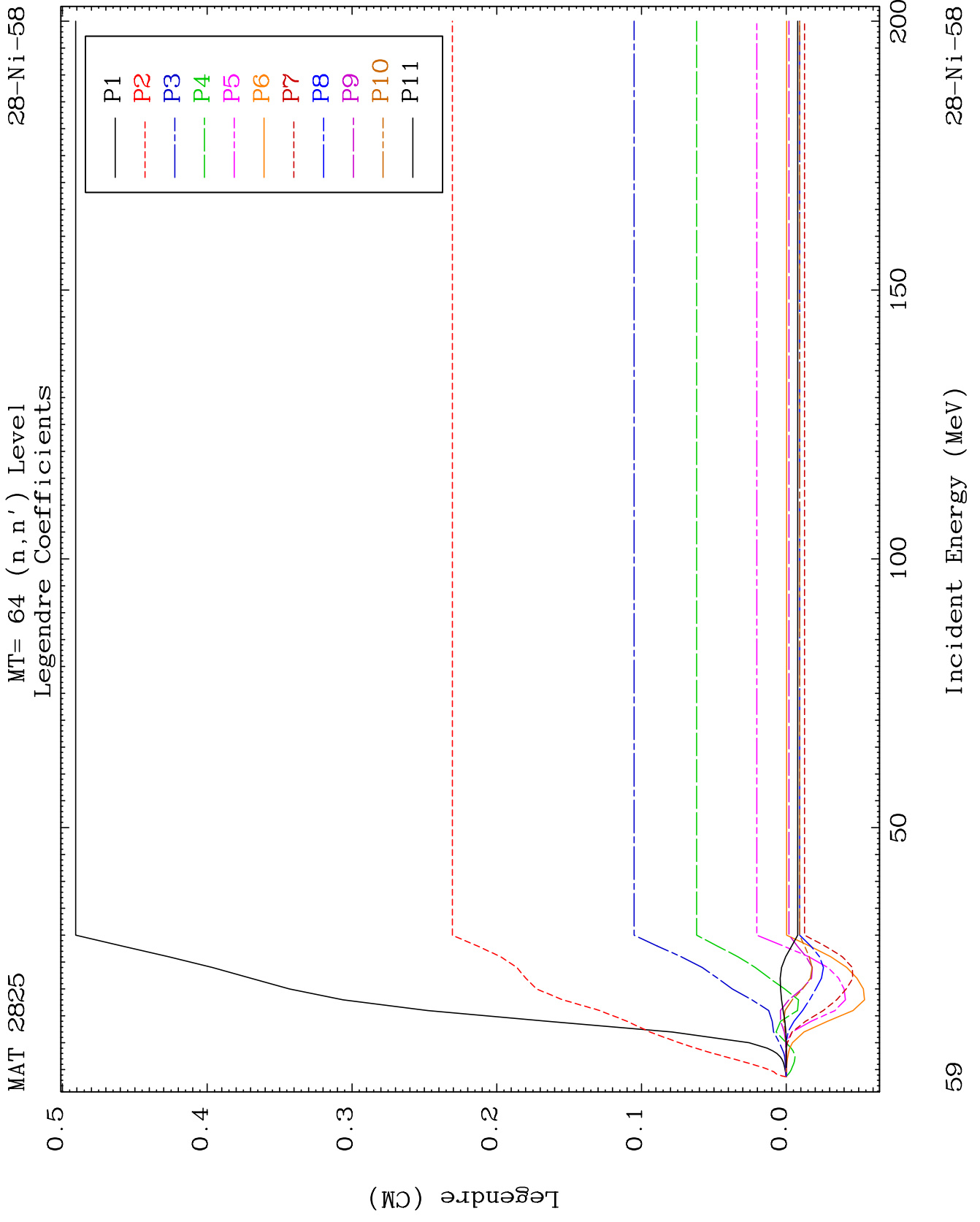
28-Ni-58

MAT 2825

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

28-Ni-58

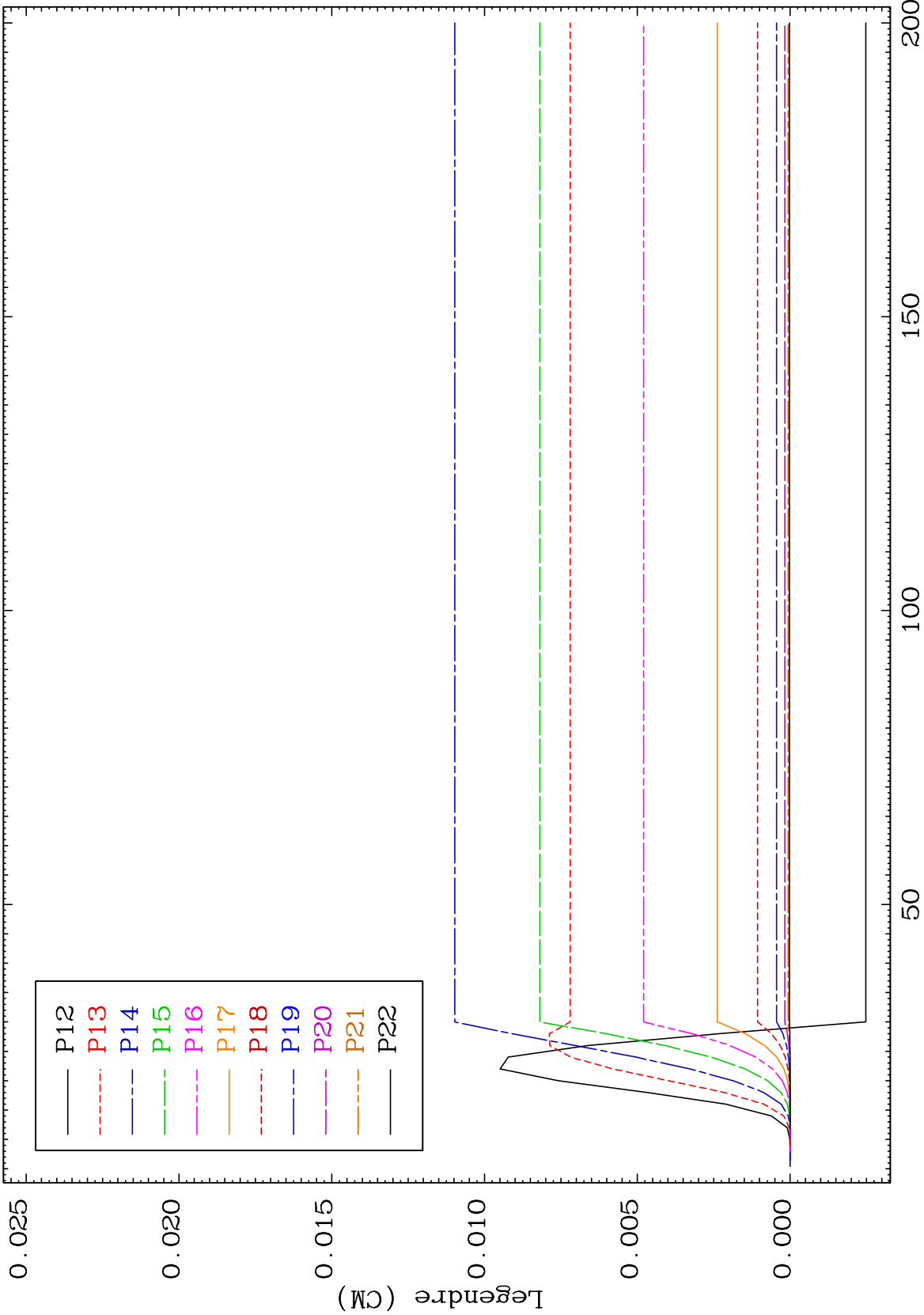




MAT 2825

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

28-Ni-58



60

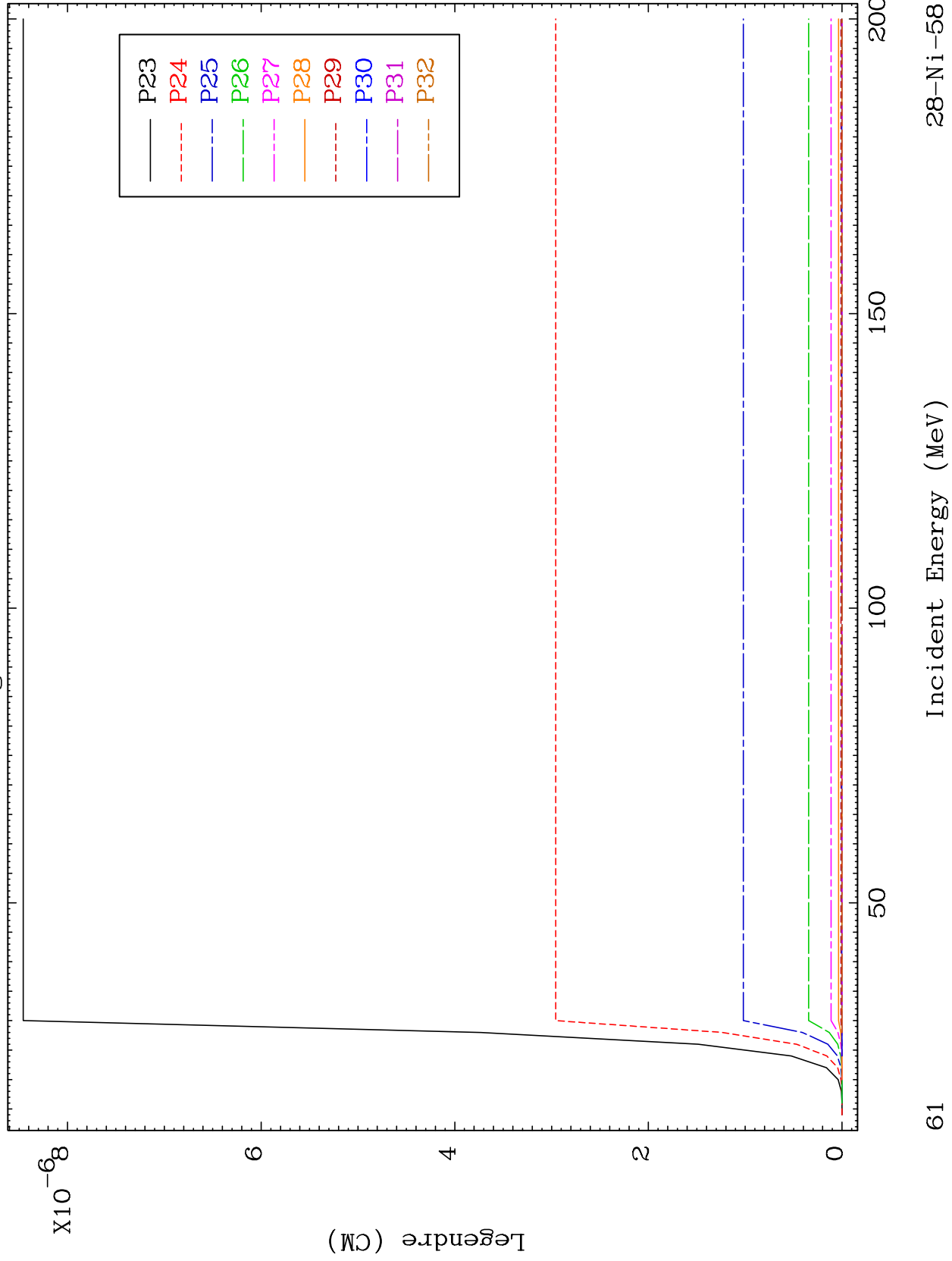
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

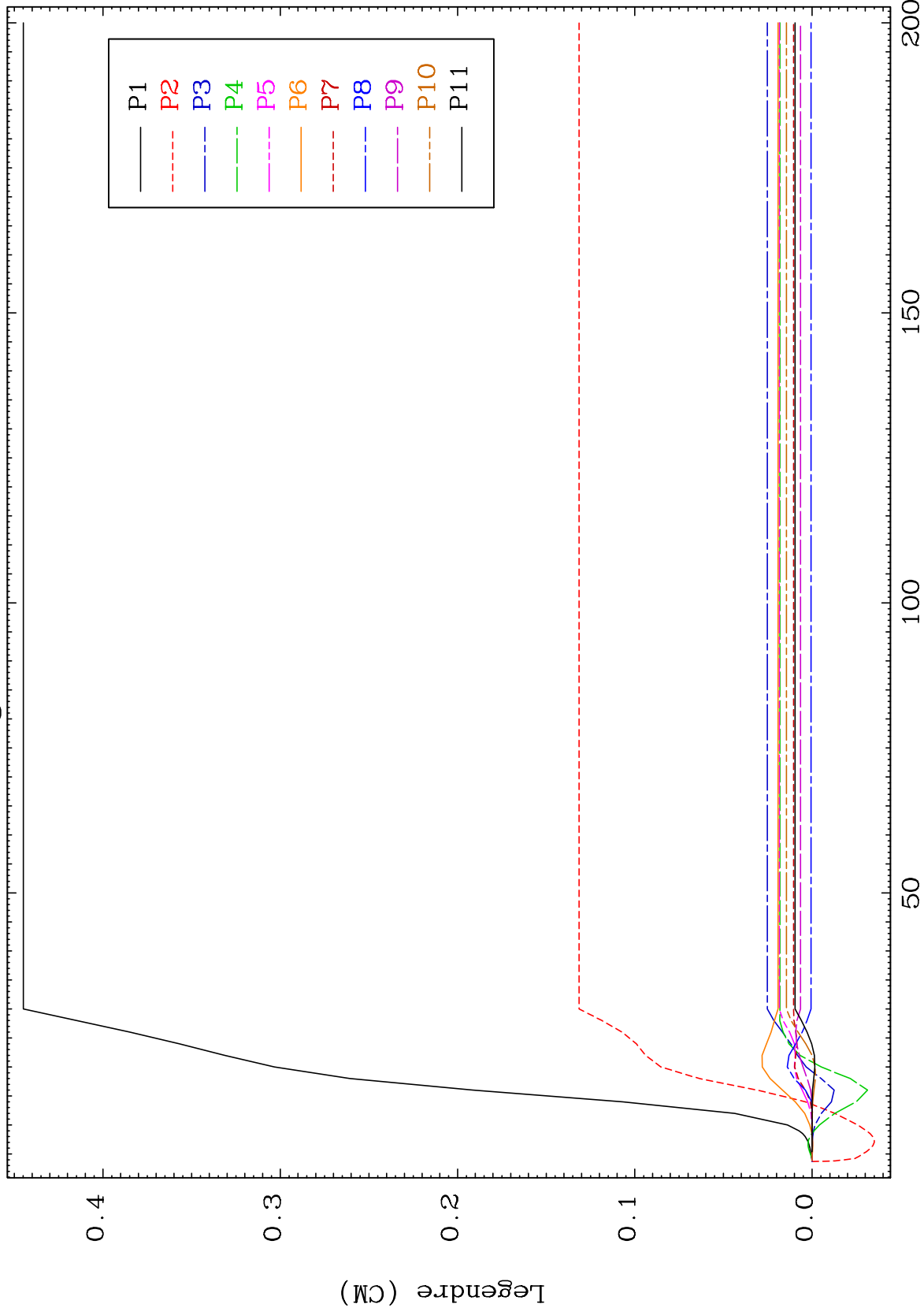
28-Ni-58



MAT 2825

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

28-Ni-58



62

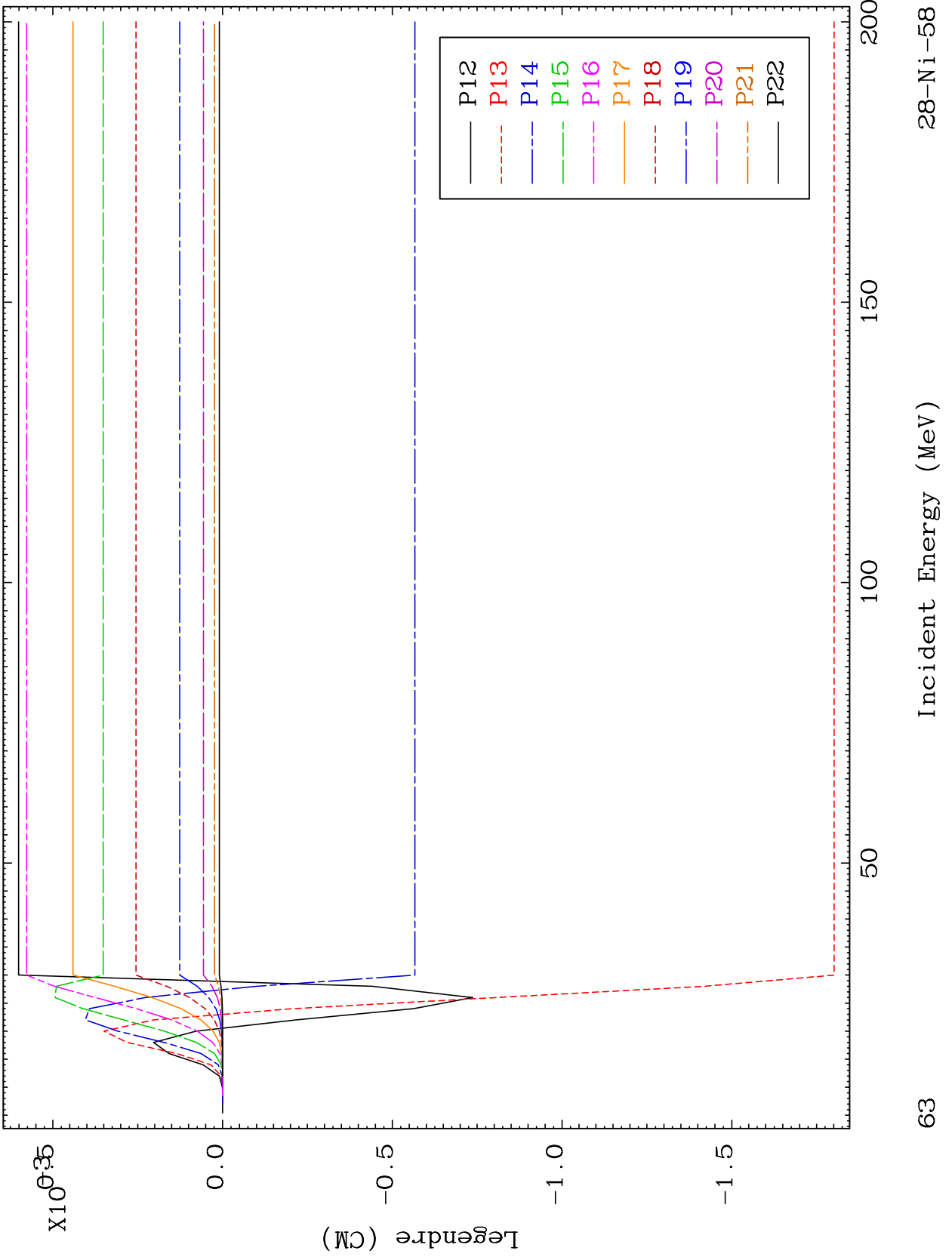
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58

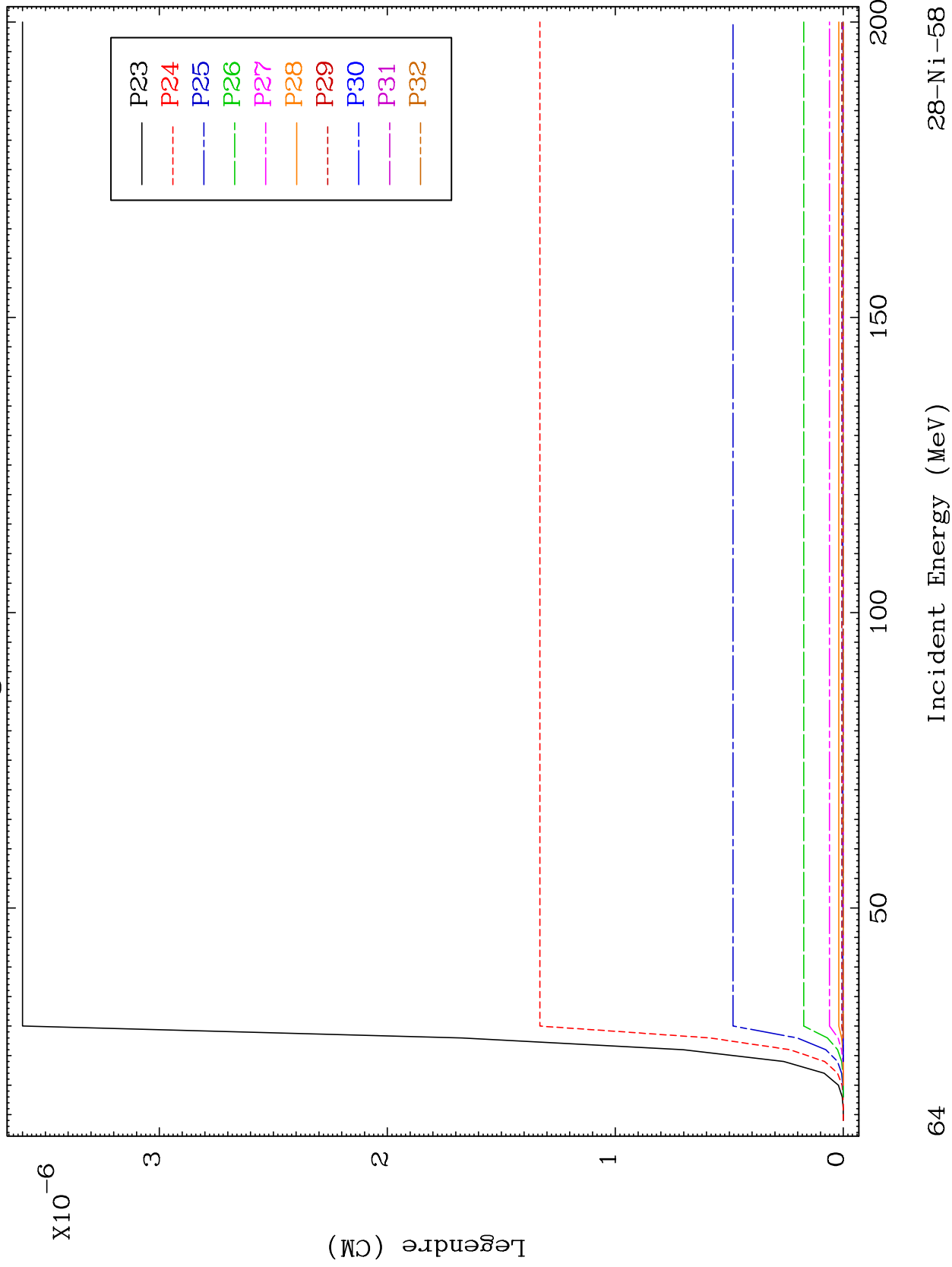


63

MAT 2825

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

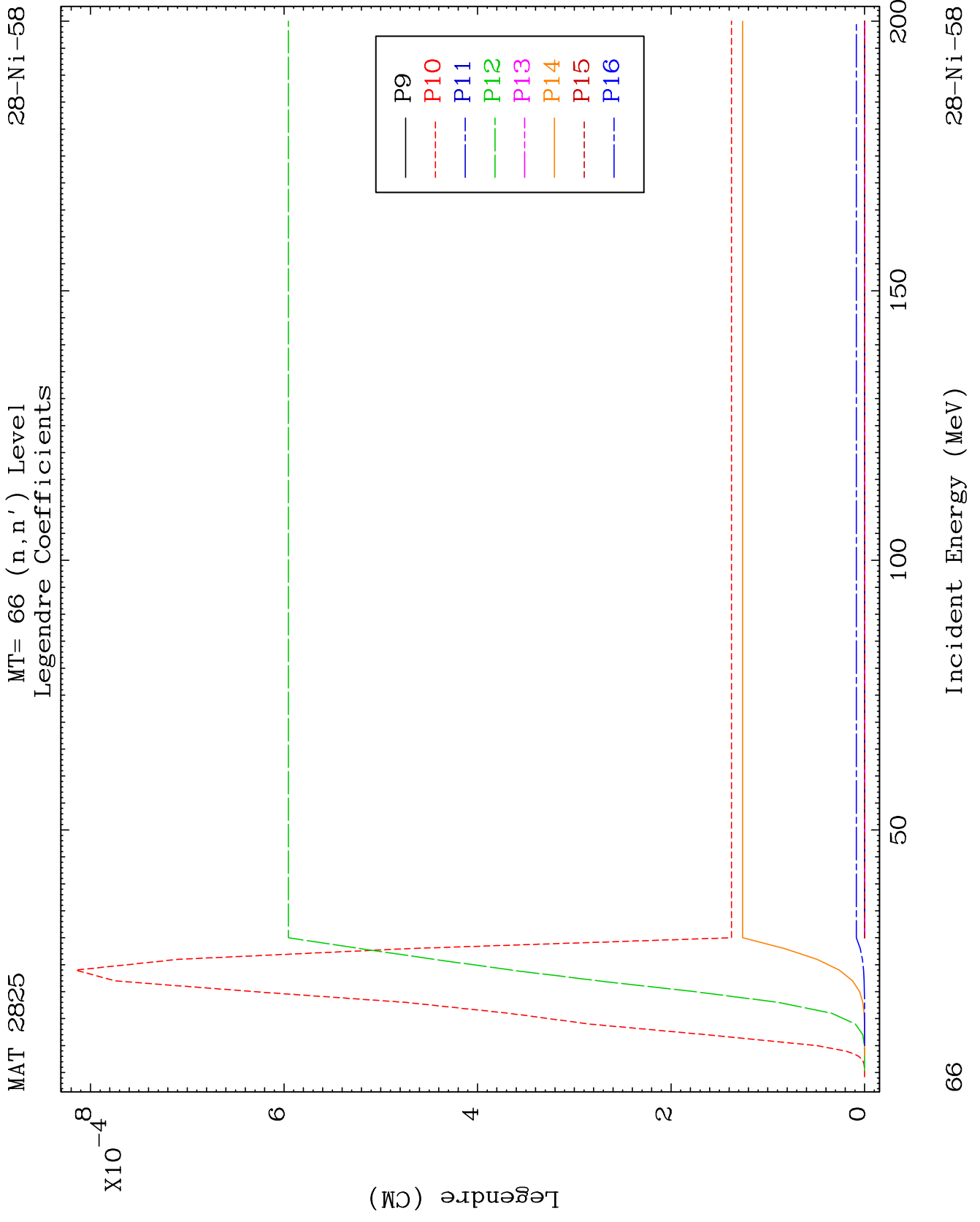
28-Ni-58



64

Incident Energy (MeV)

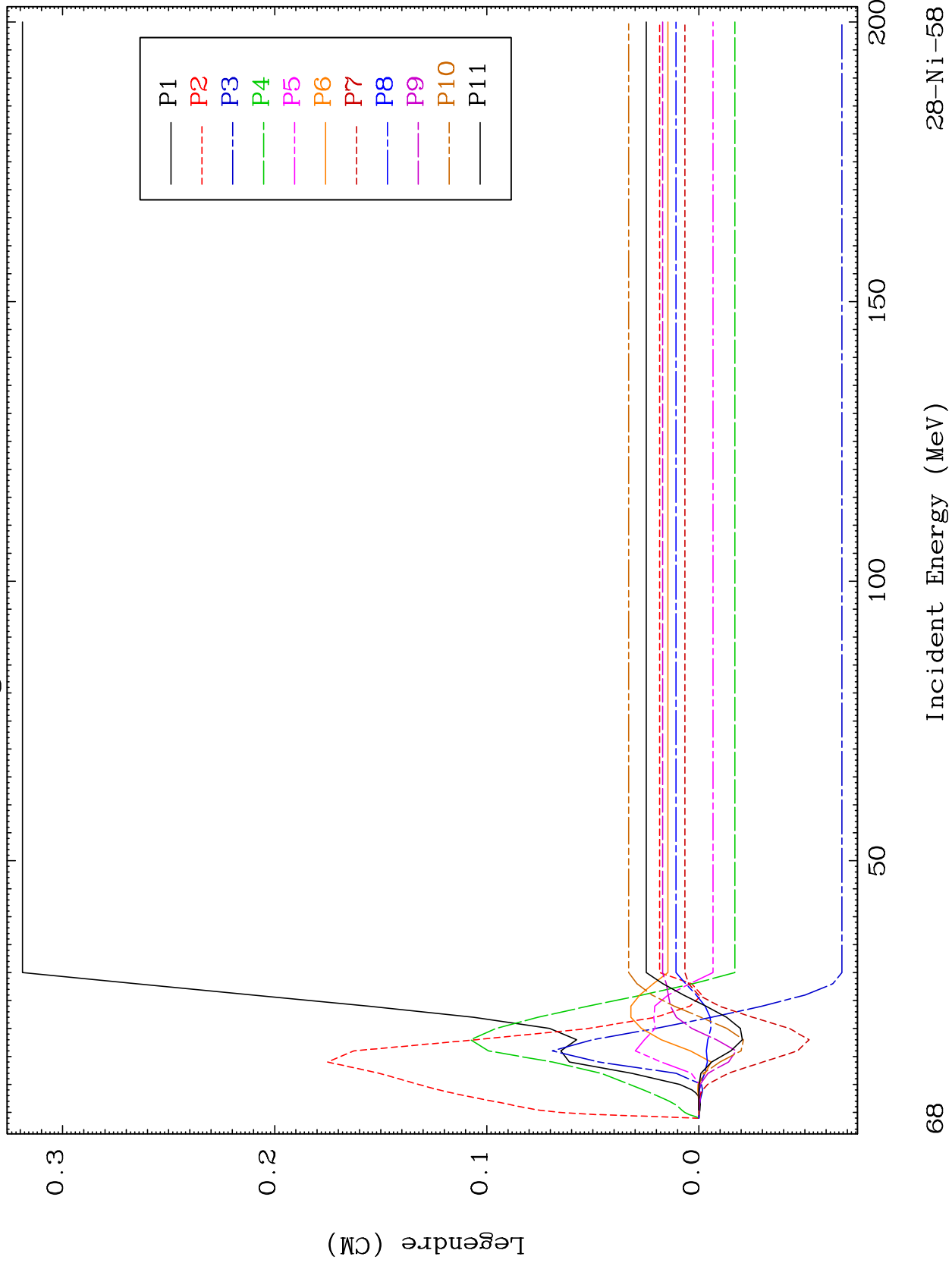
28-Ni-58



MAT 2825

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

28-Ni-58



68

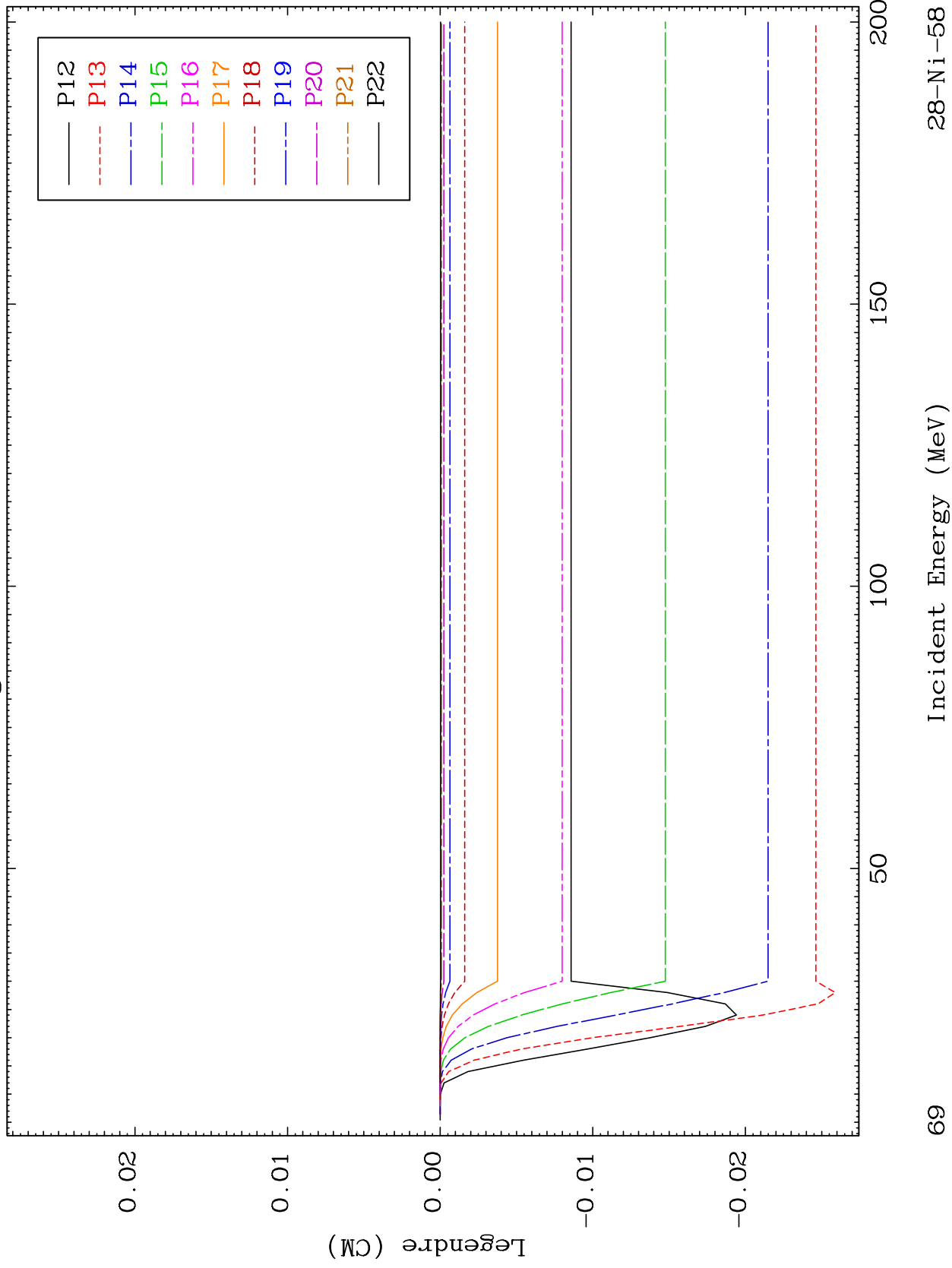
Incident Energy (MeV)

28-Ni-58

MAT 2825

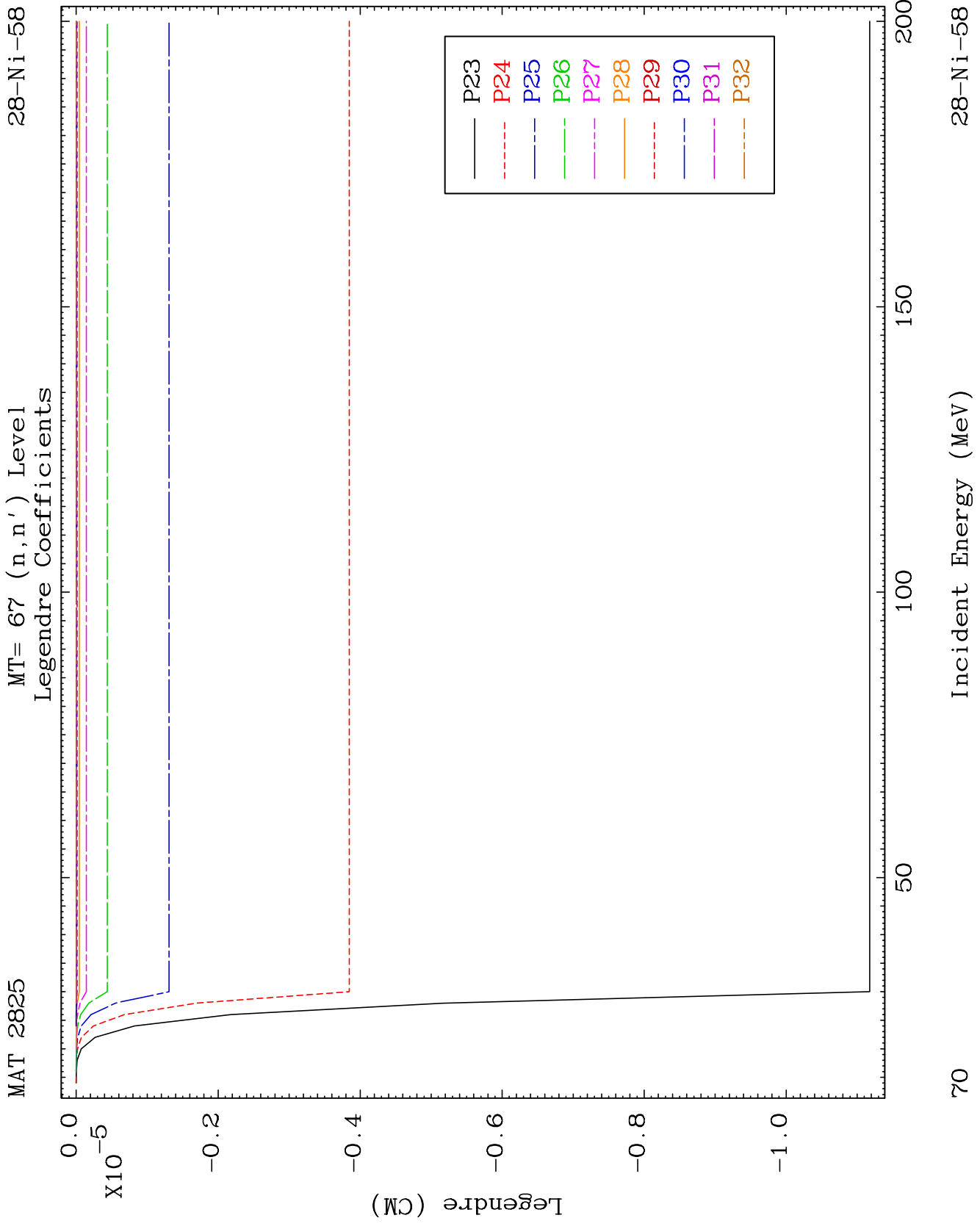
MT= 67 (n,n') Level
Legendre Coefficients

28-Ni-58



69

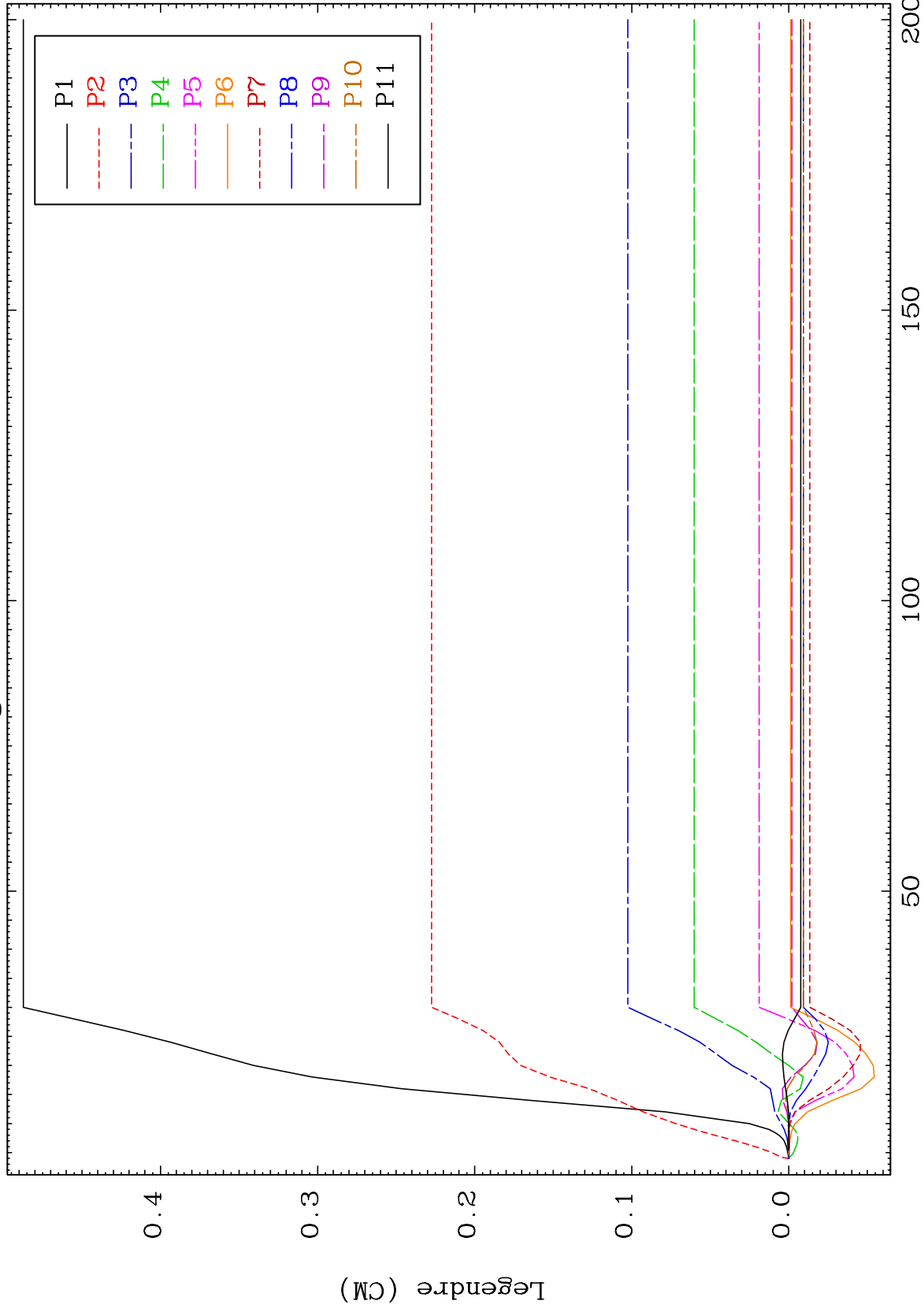
28-Ni-58



MAT 2825

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

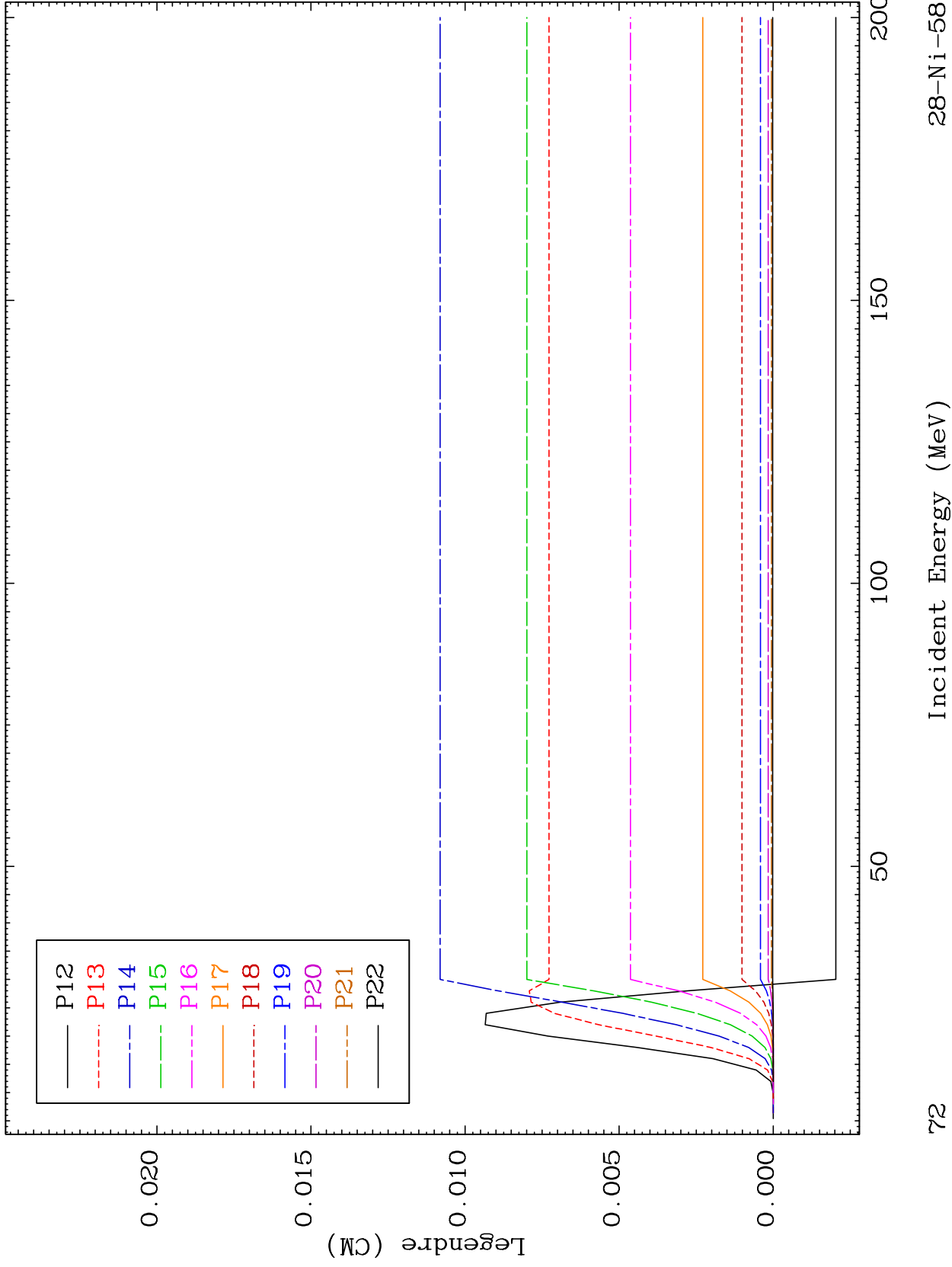
28-Ni-58



71

Incident Energy (MeV)

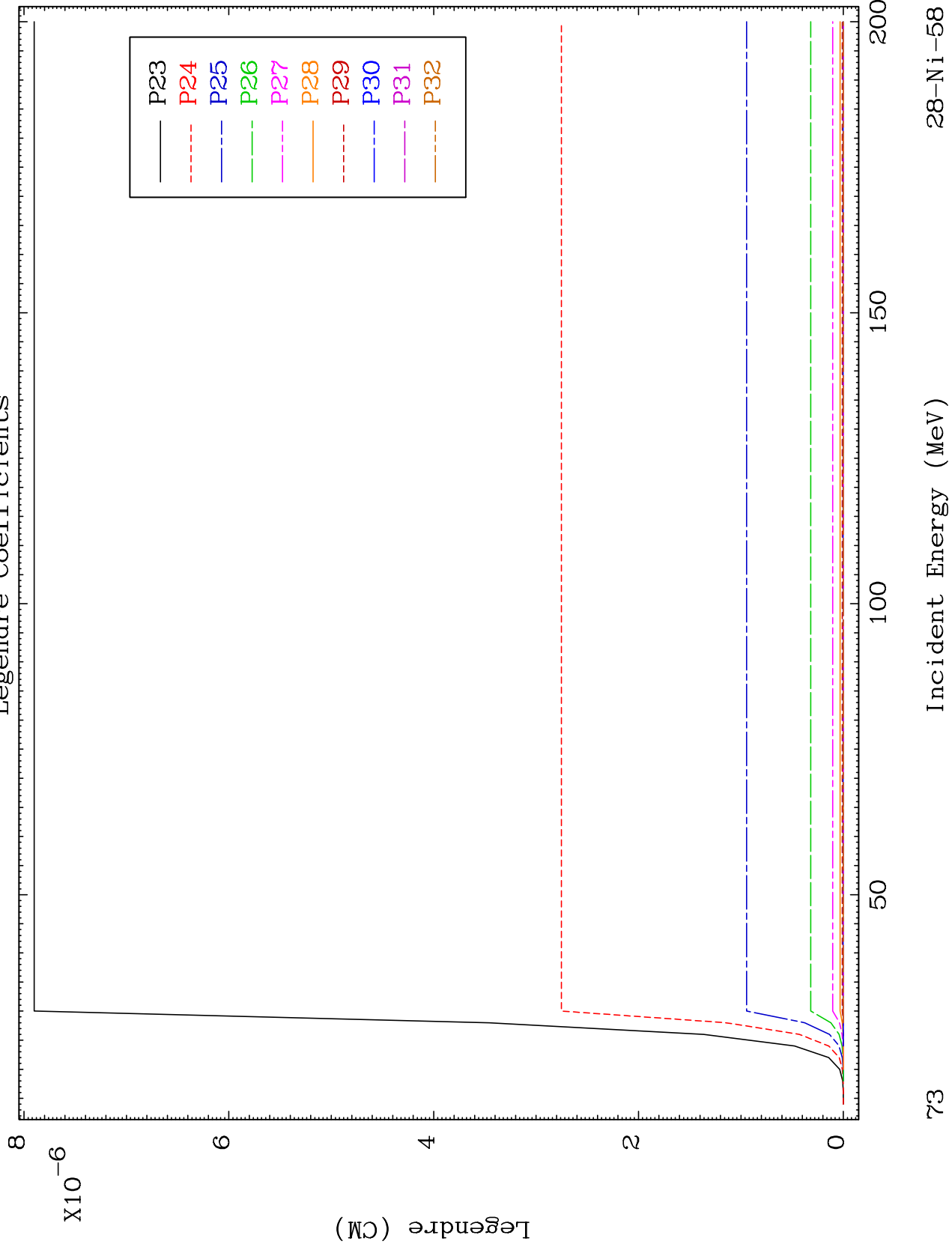
28-Ni-58



MAT 2825

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

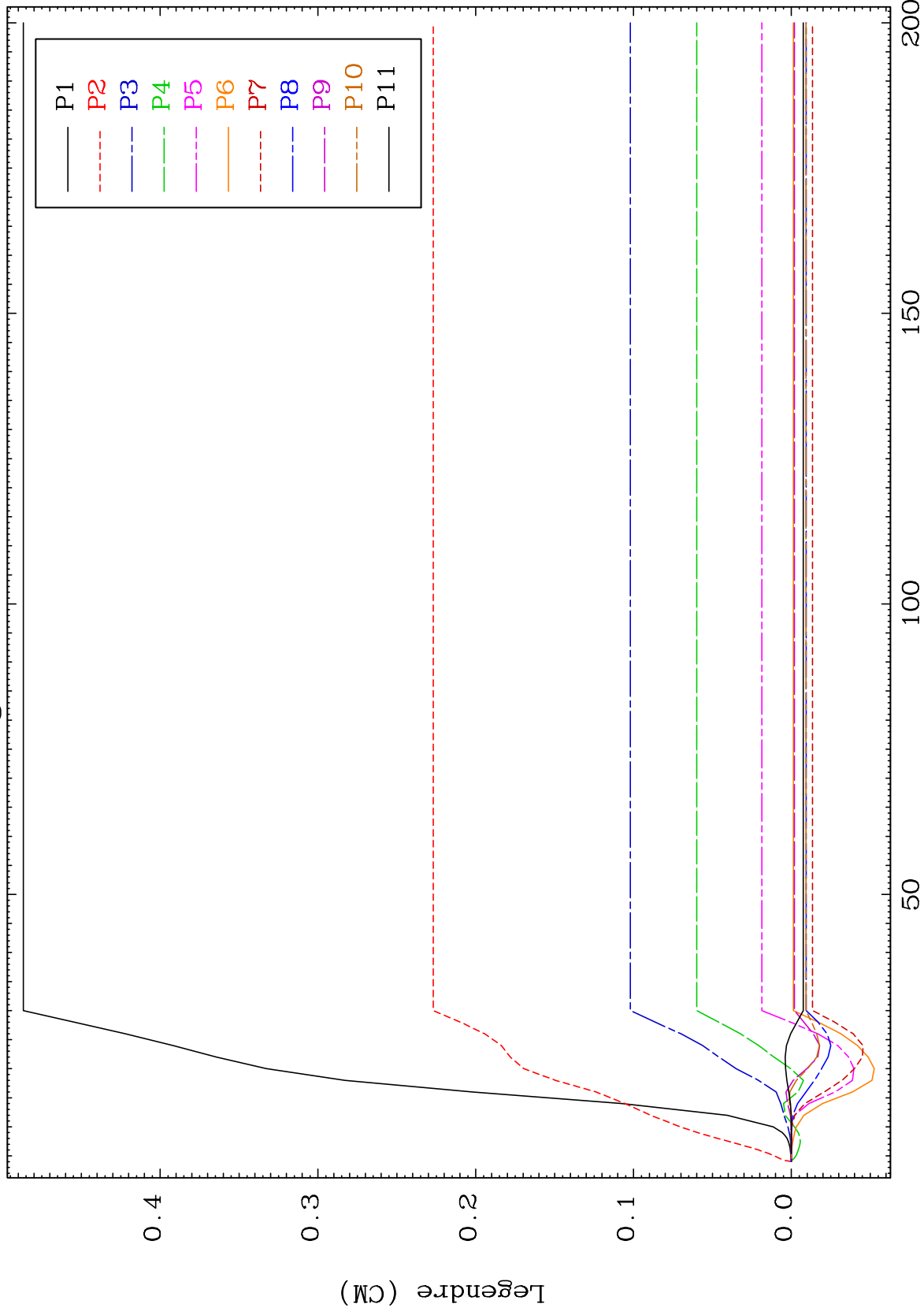
28-Ni-58



MAT 2825

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

28-Ni-58



74

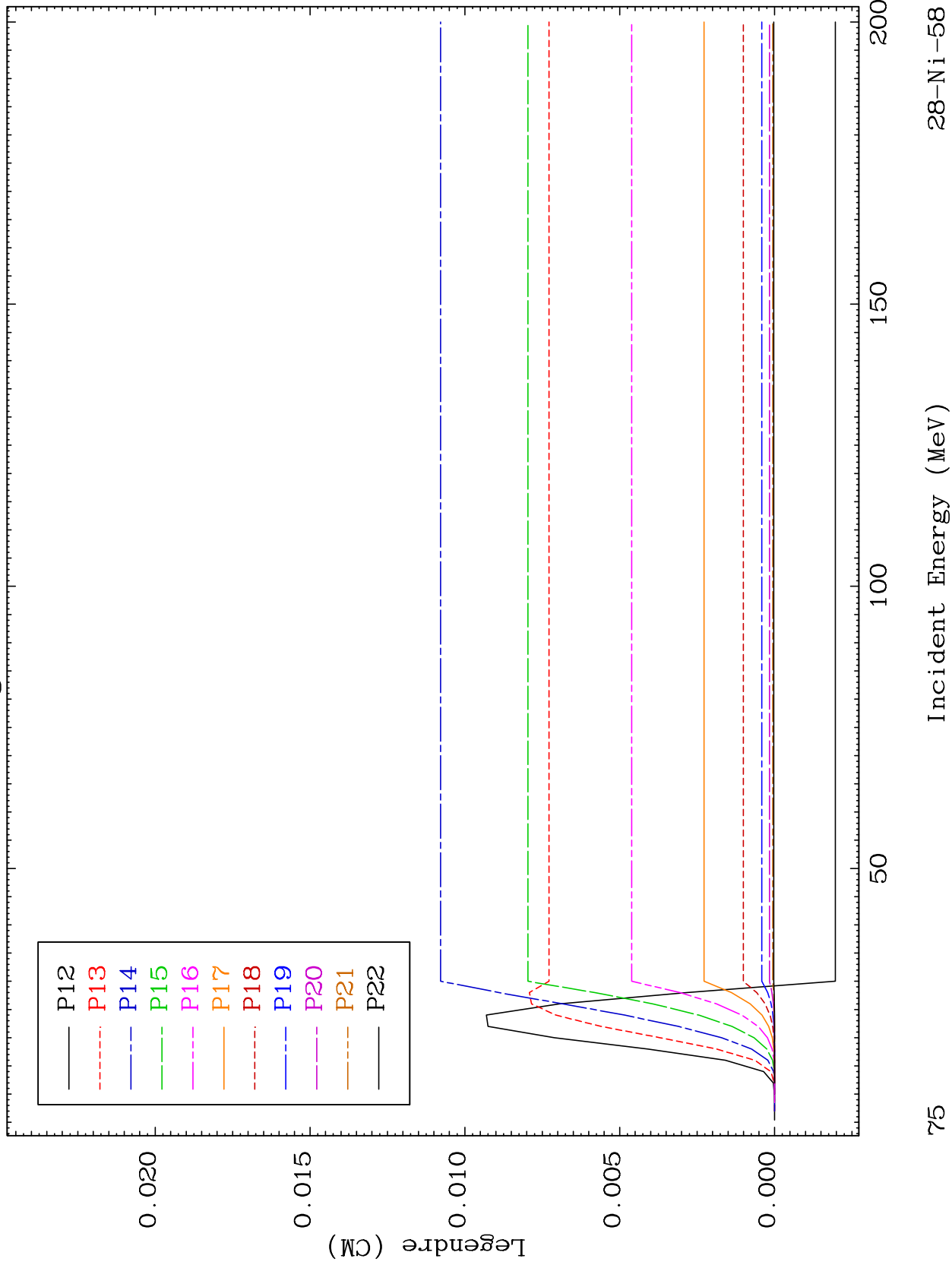
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



75

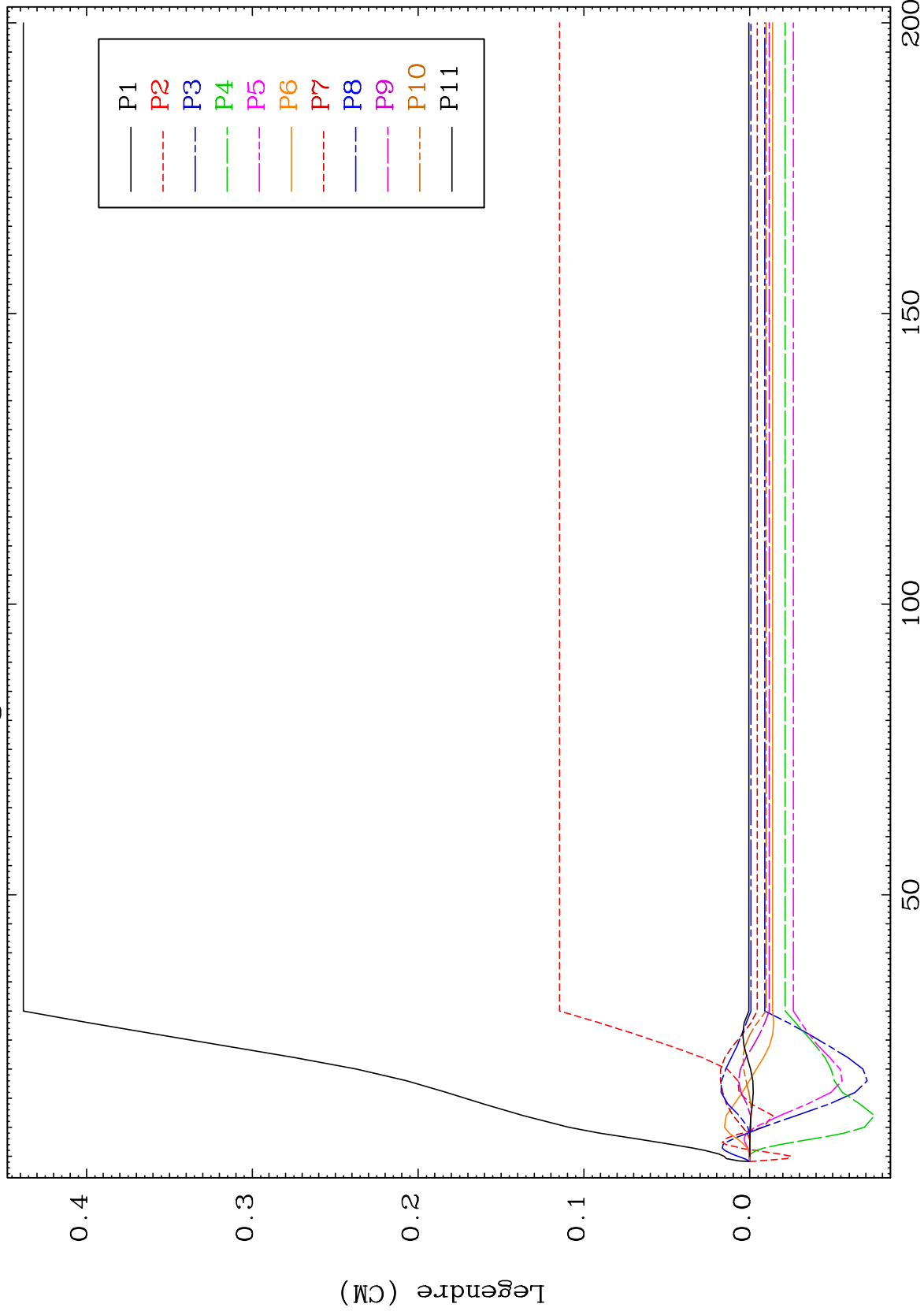
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



77

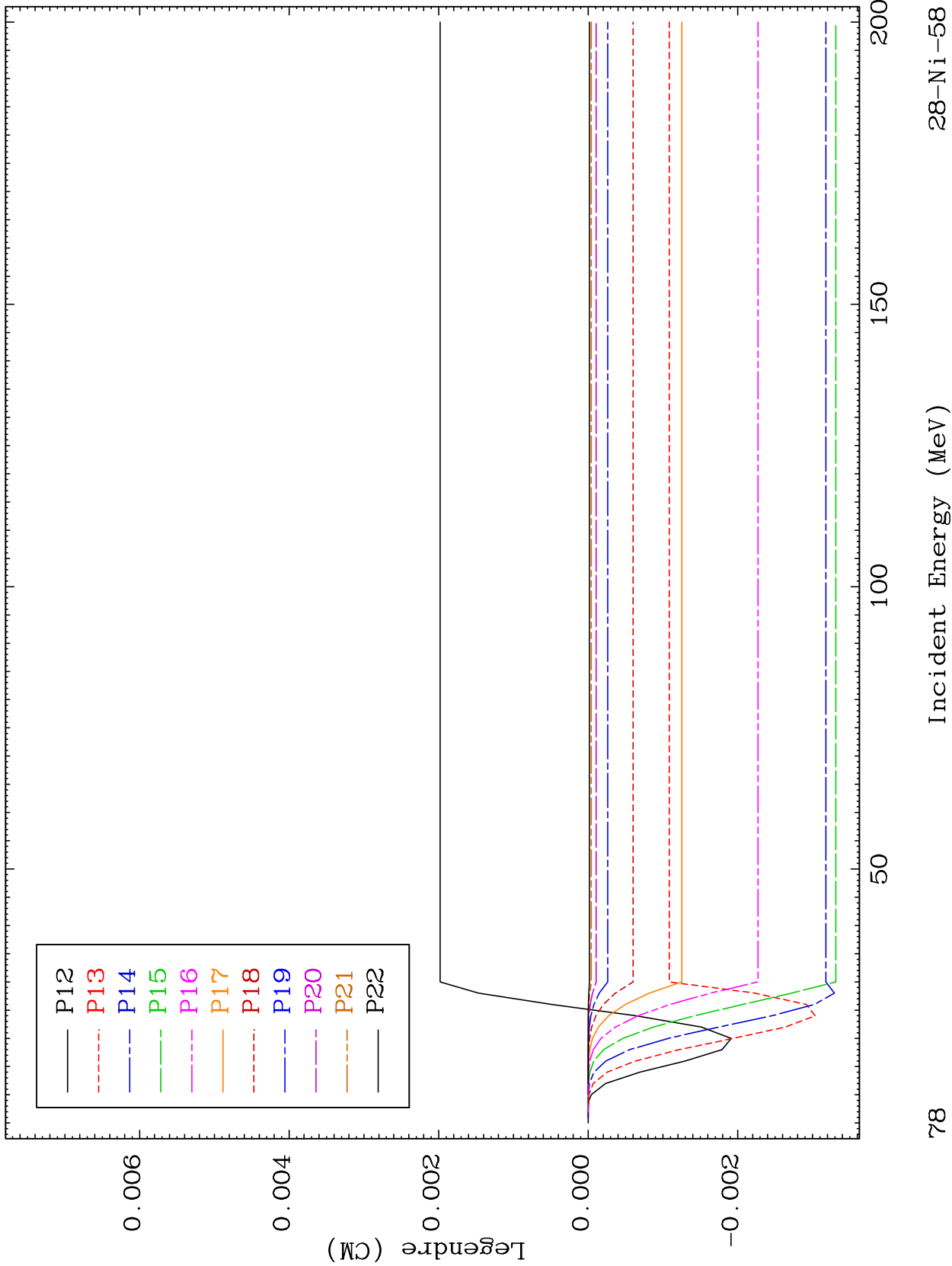
Incident Energy (MeV)

28-Ni-58

MAT 2825

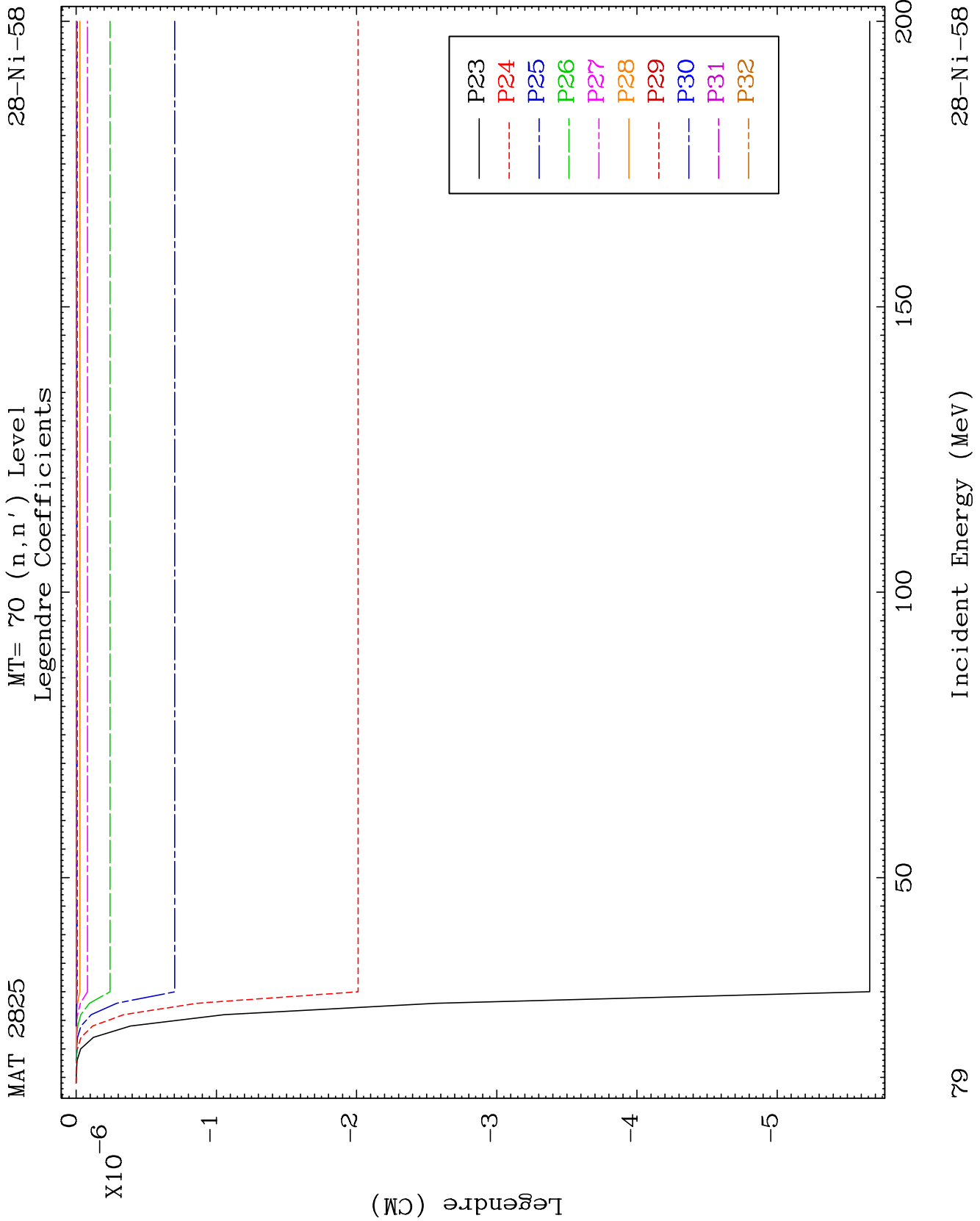
MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-58



78

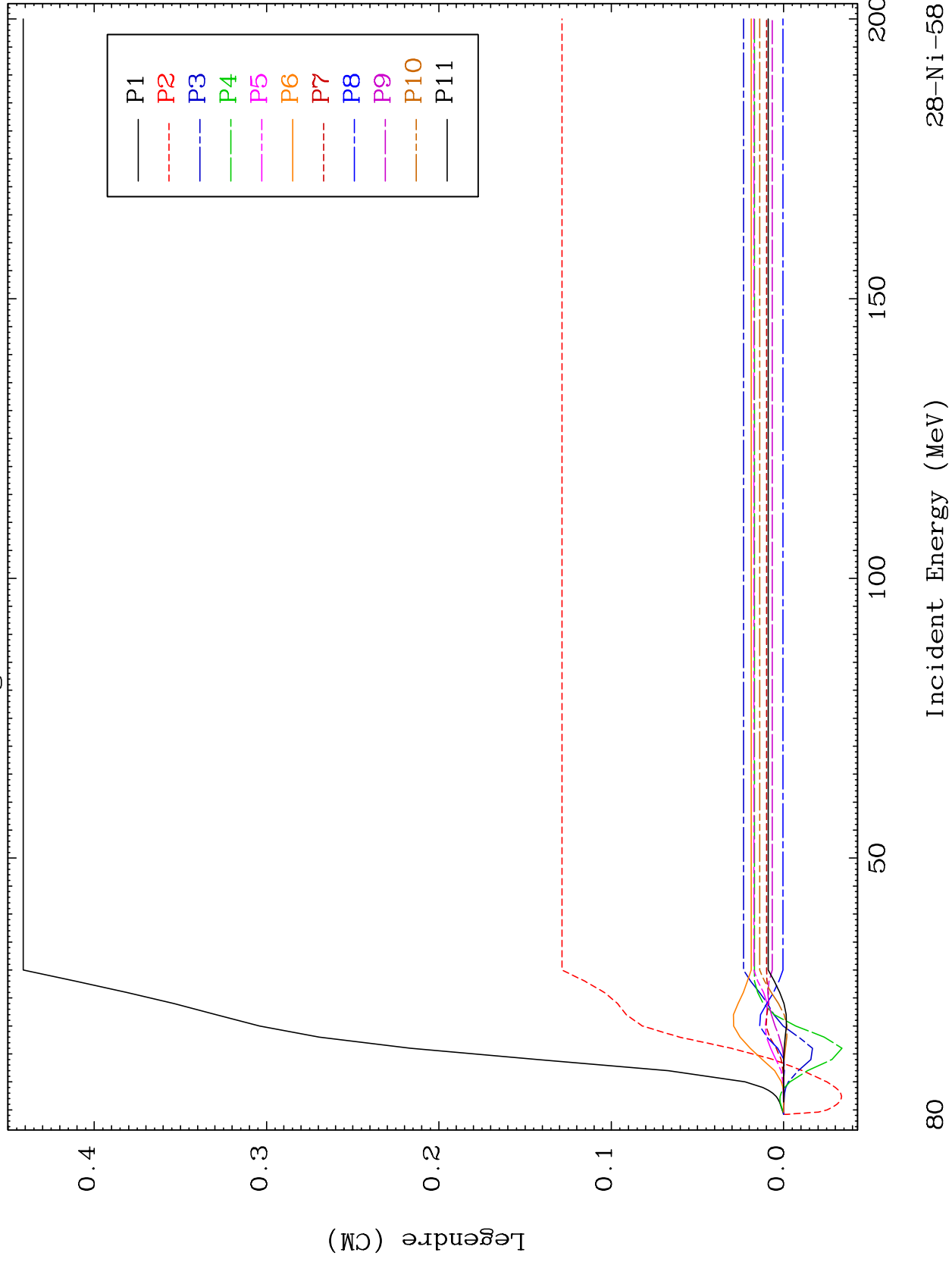
28-Ni-58



MAT 2825

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

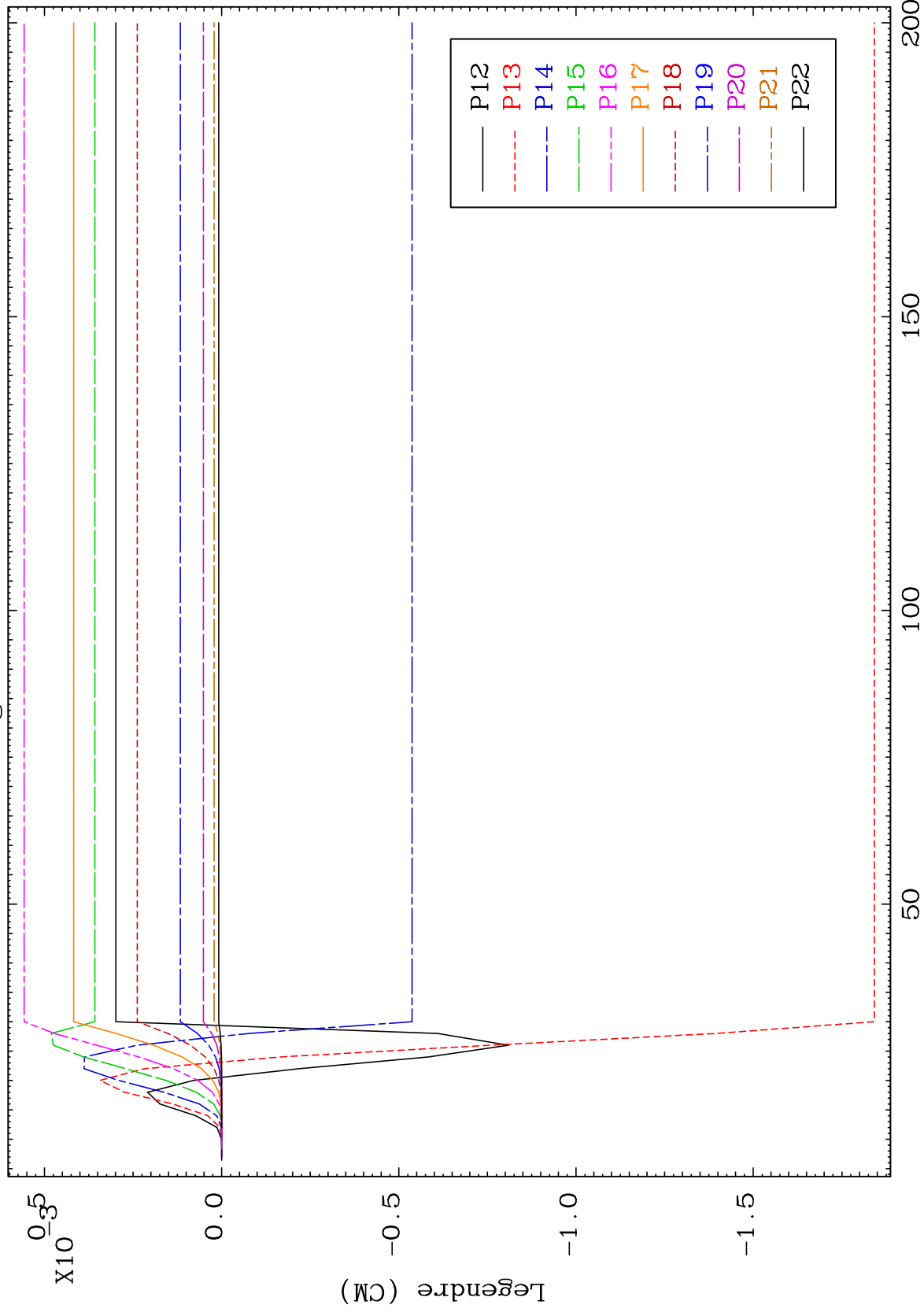
28-Ni-58



28-Ni-58

Incident Energy (MeV)

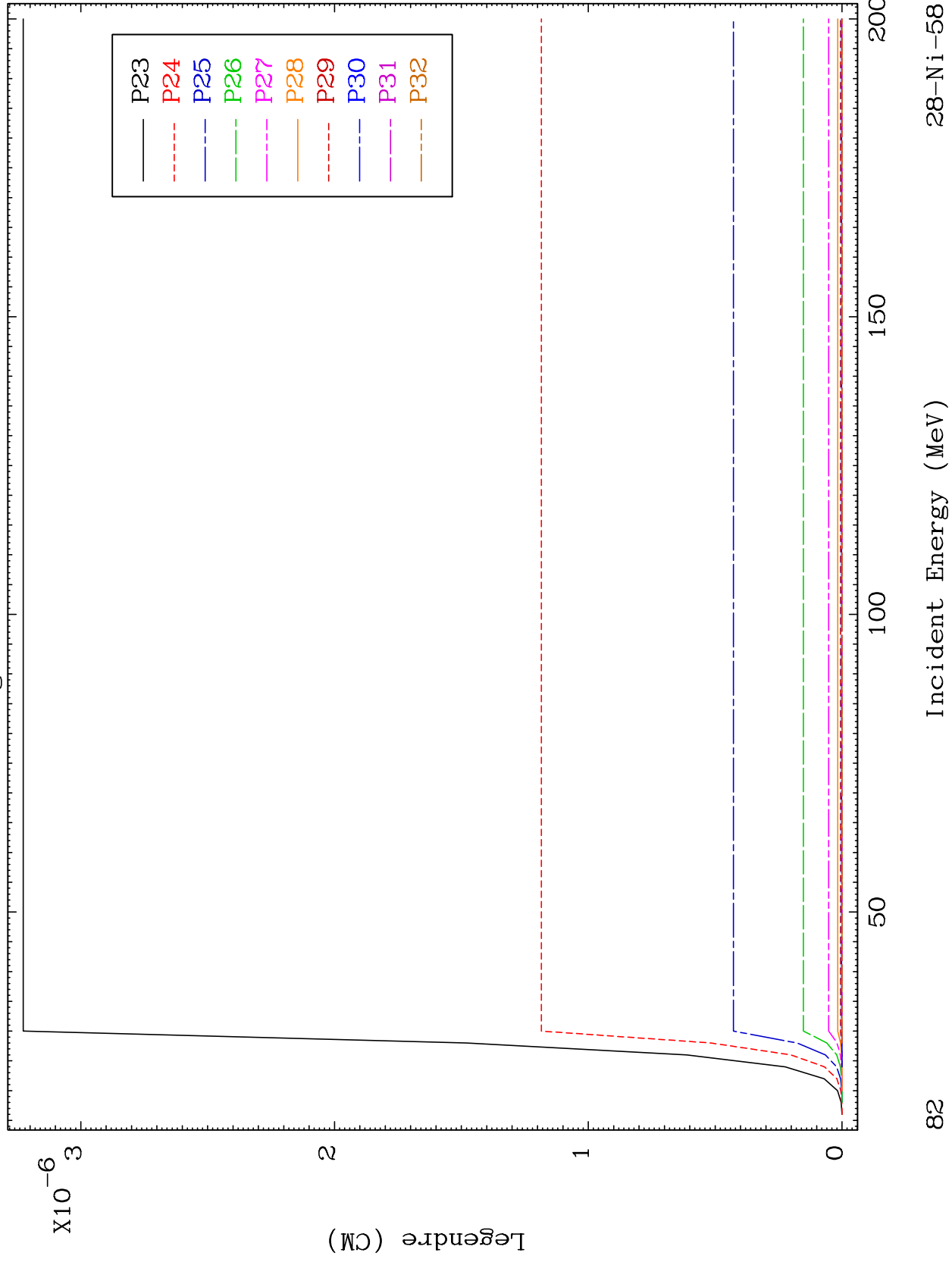
80



MAT 2825

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

28-Ni-58



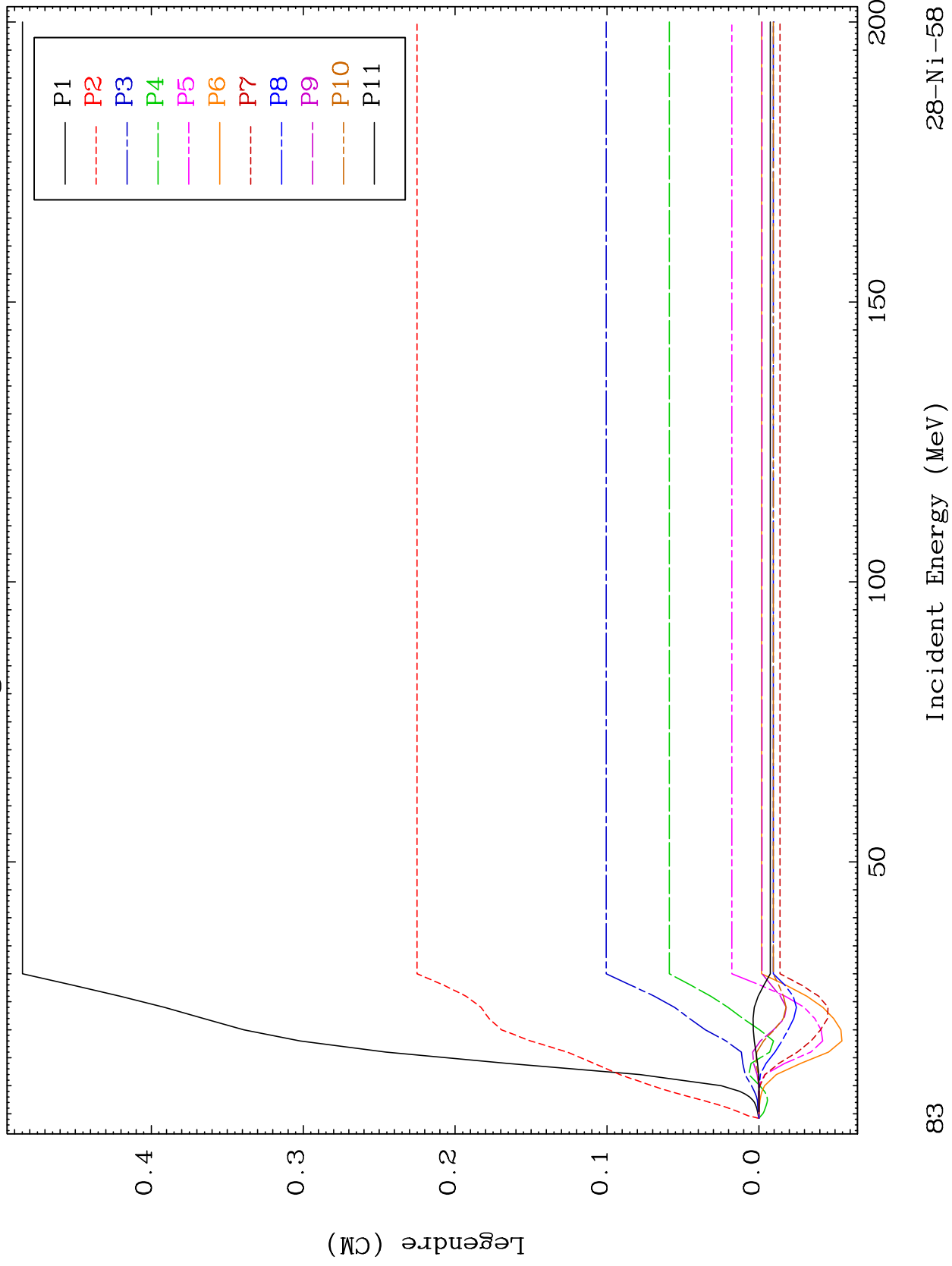
82

28-Ni-58

MAT 2825

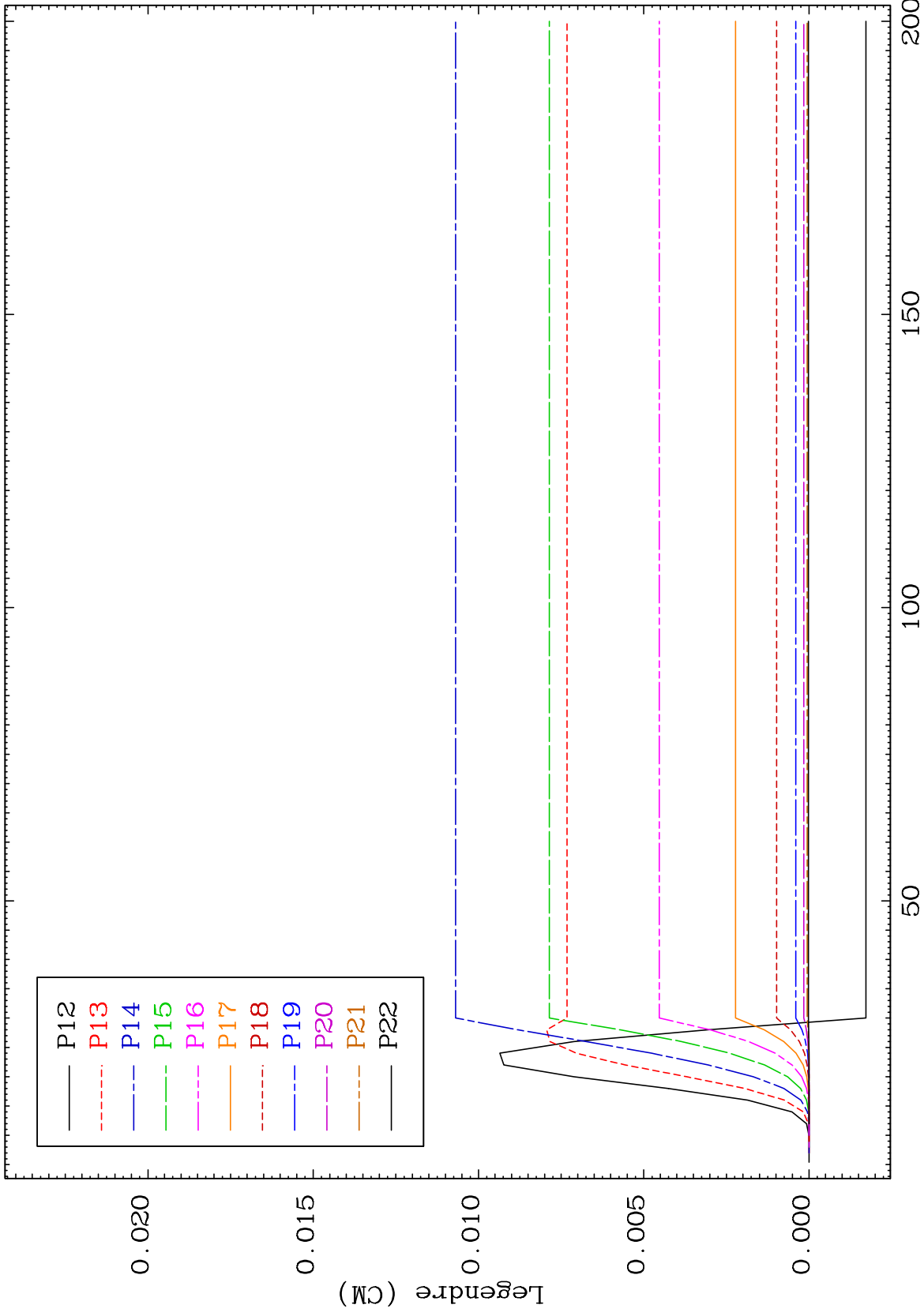
MT= 72 (n,n') Level
Legendre Coefficients

28-Ni-58



83

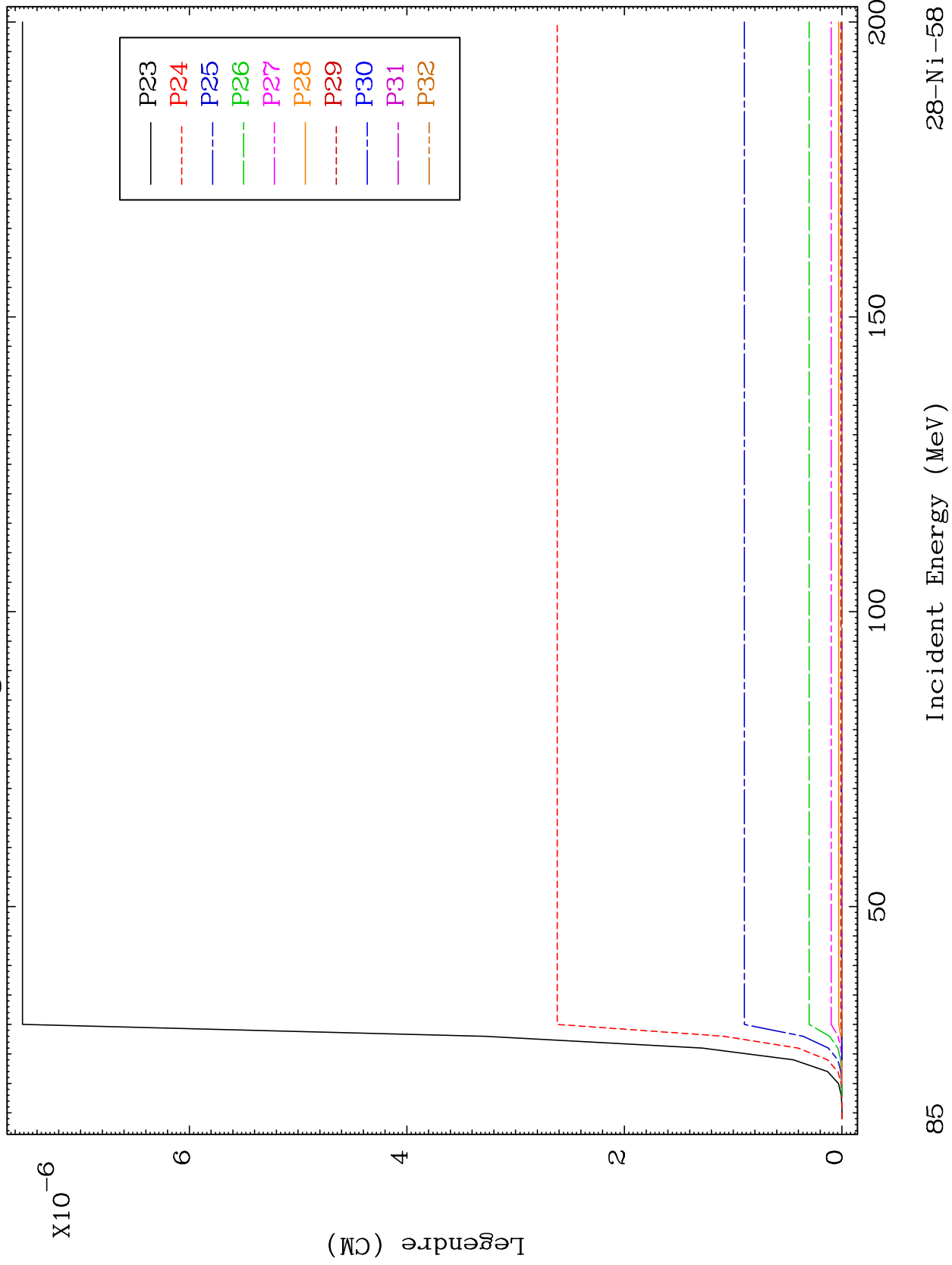
28-Ni-58



MAT 2825

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

28-Ni-58



85

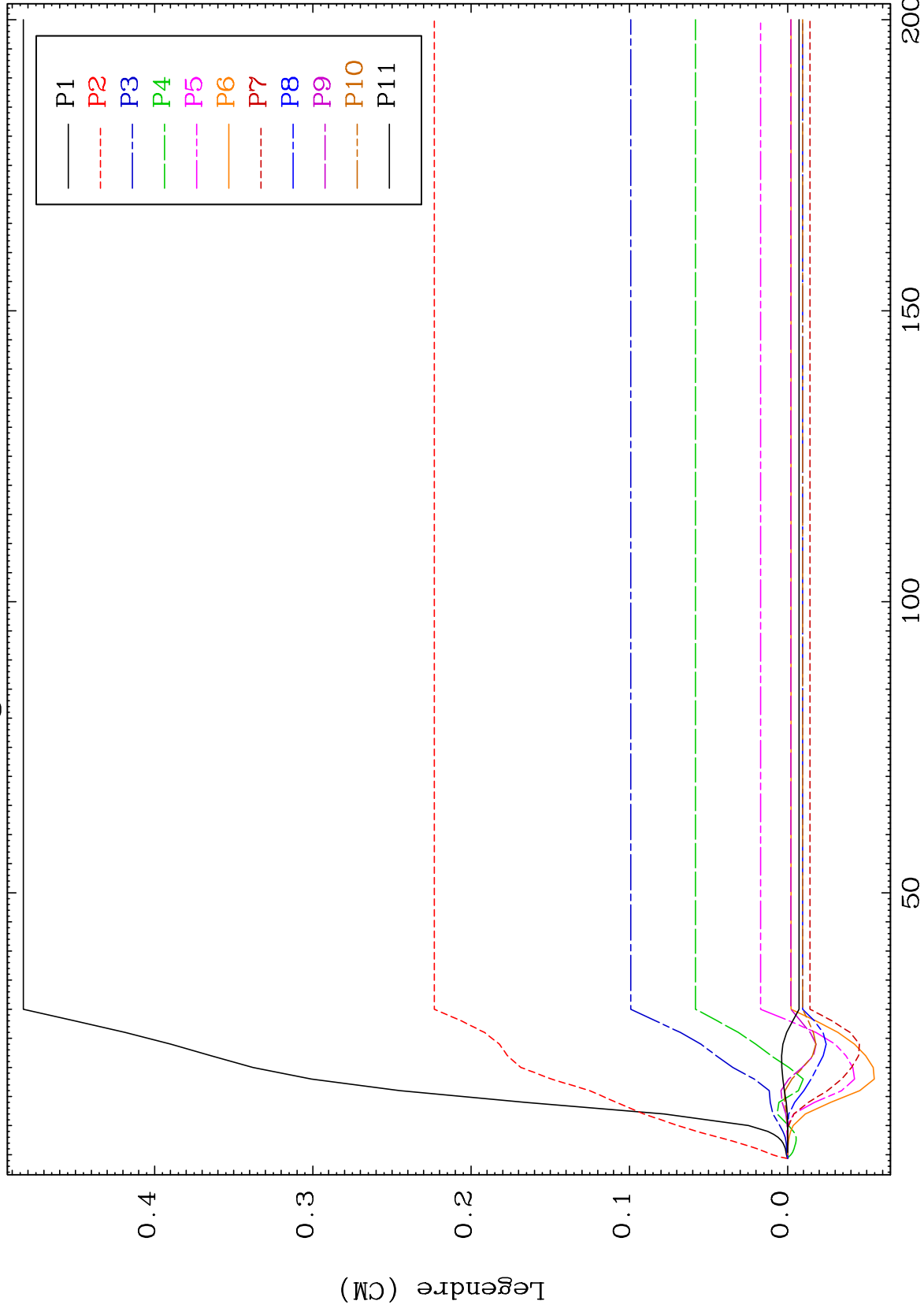
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

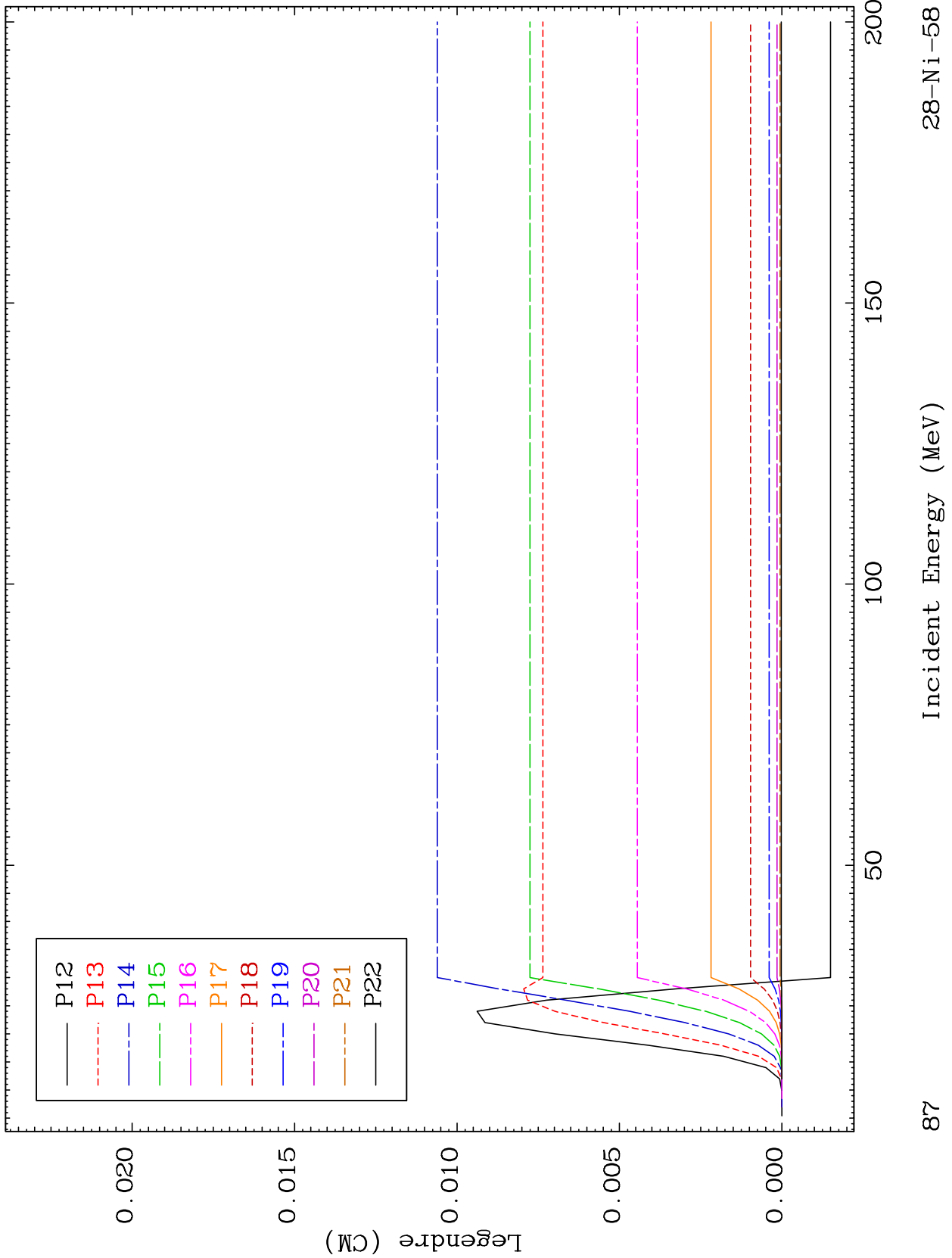
28-Ni-58



86

Incident Energy (MeV)

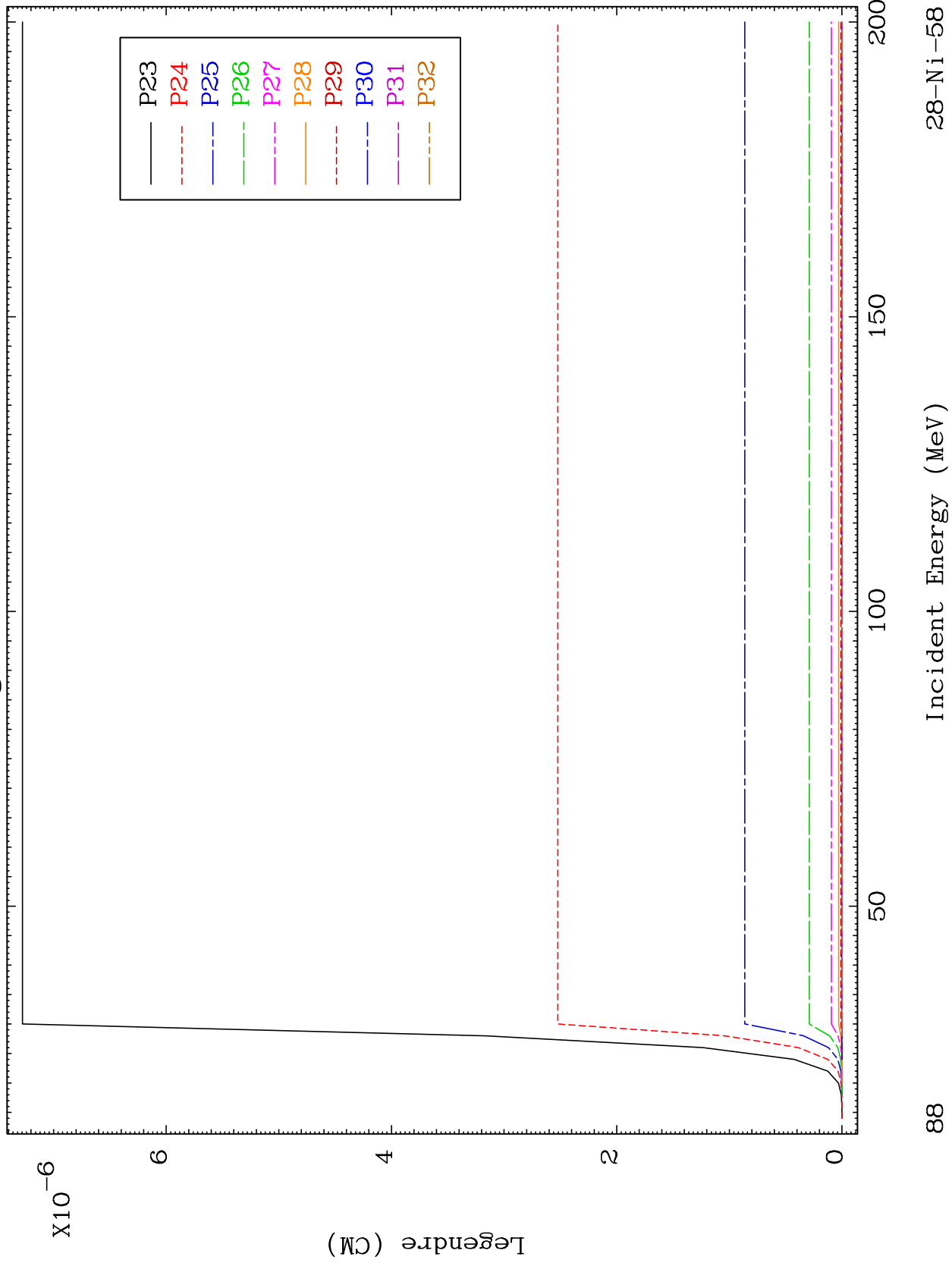
28-Ni-58



MAT 2825

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

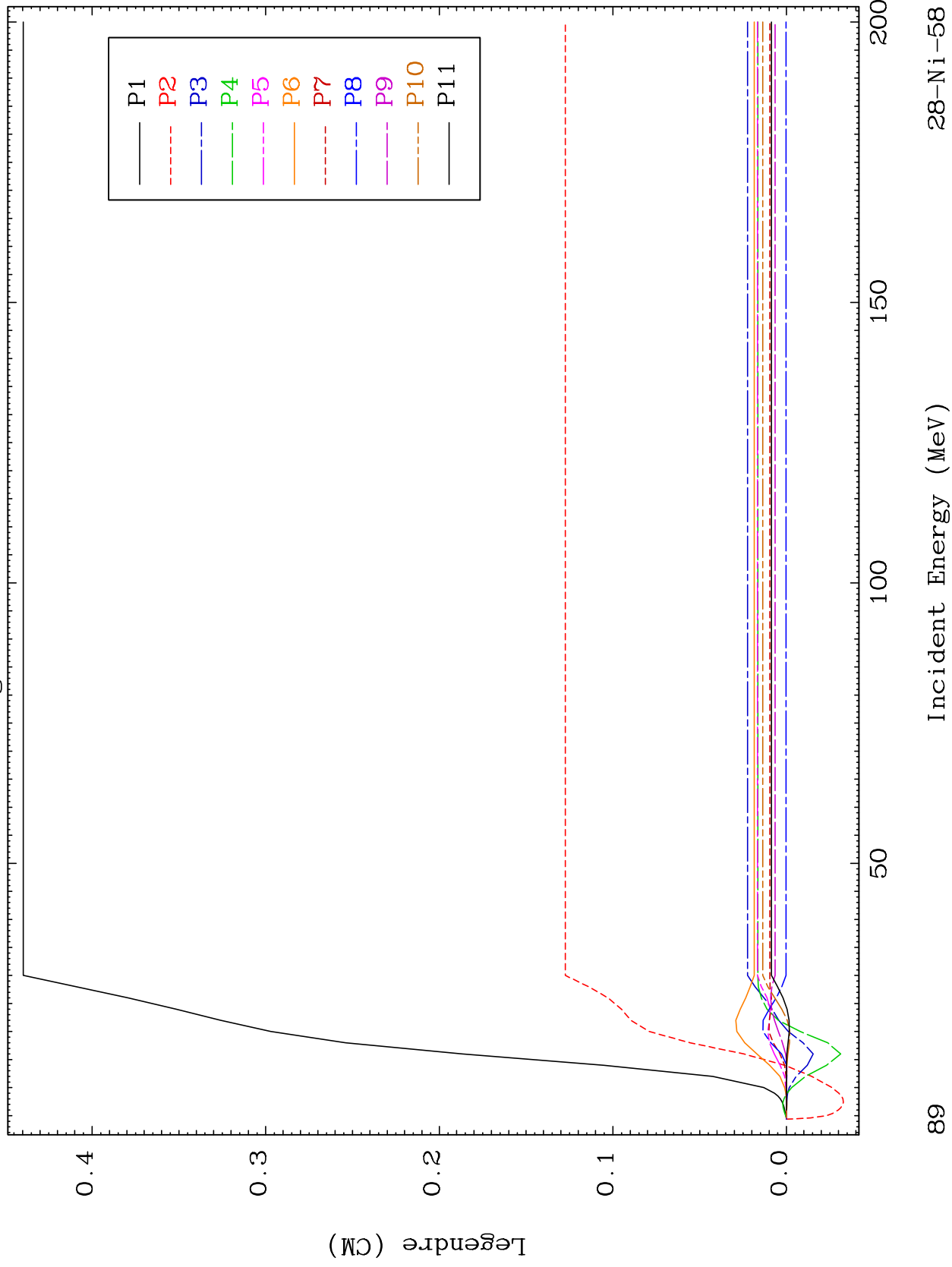
28-Ni-58



MAT 2825

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

28-Ni-58



89

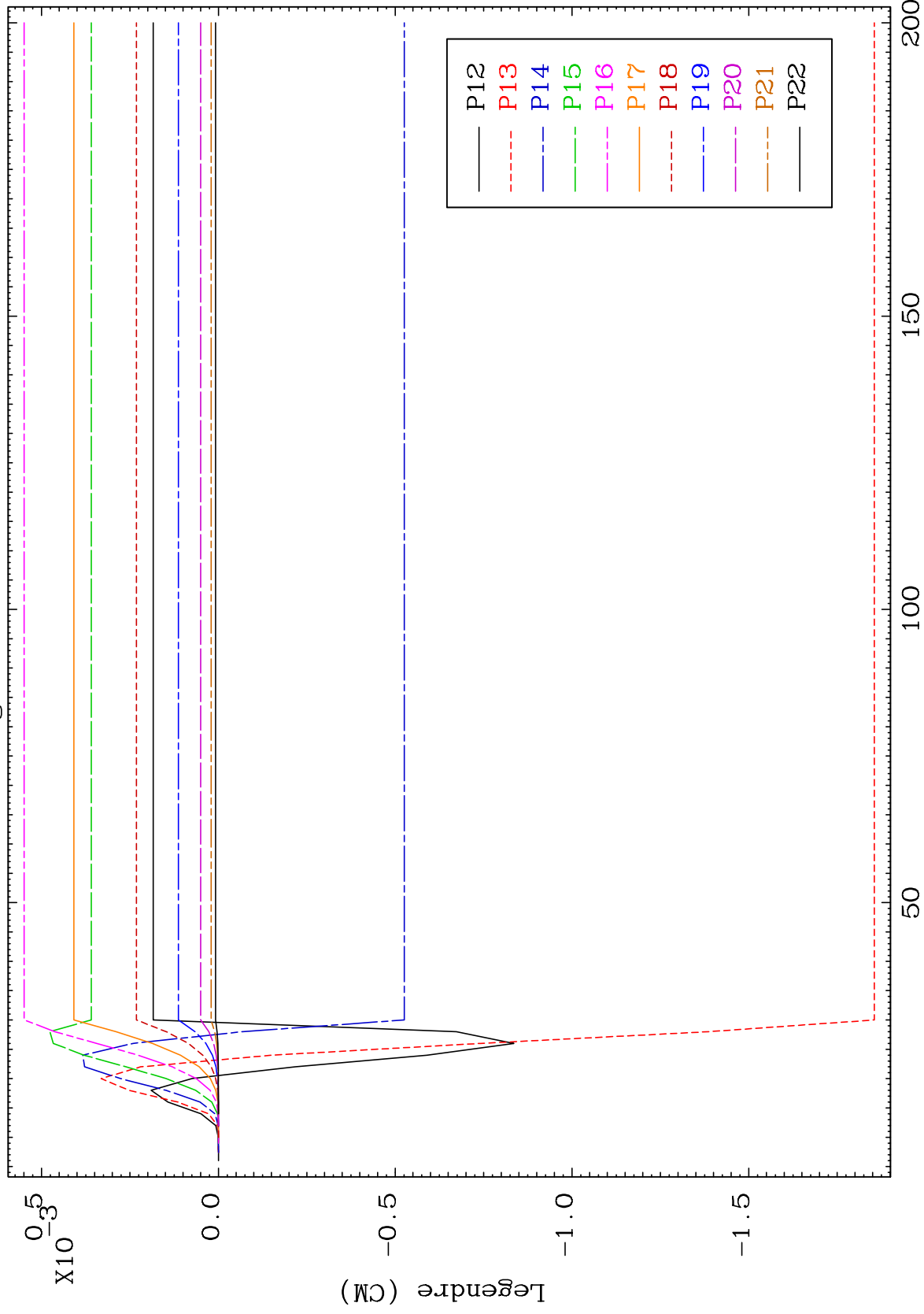
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



90

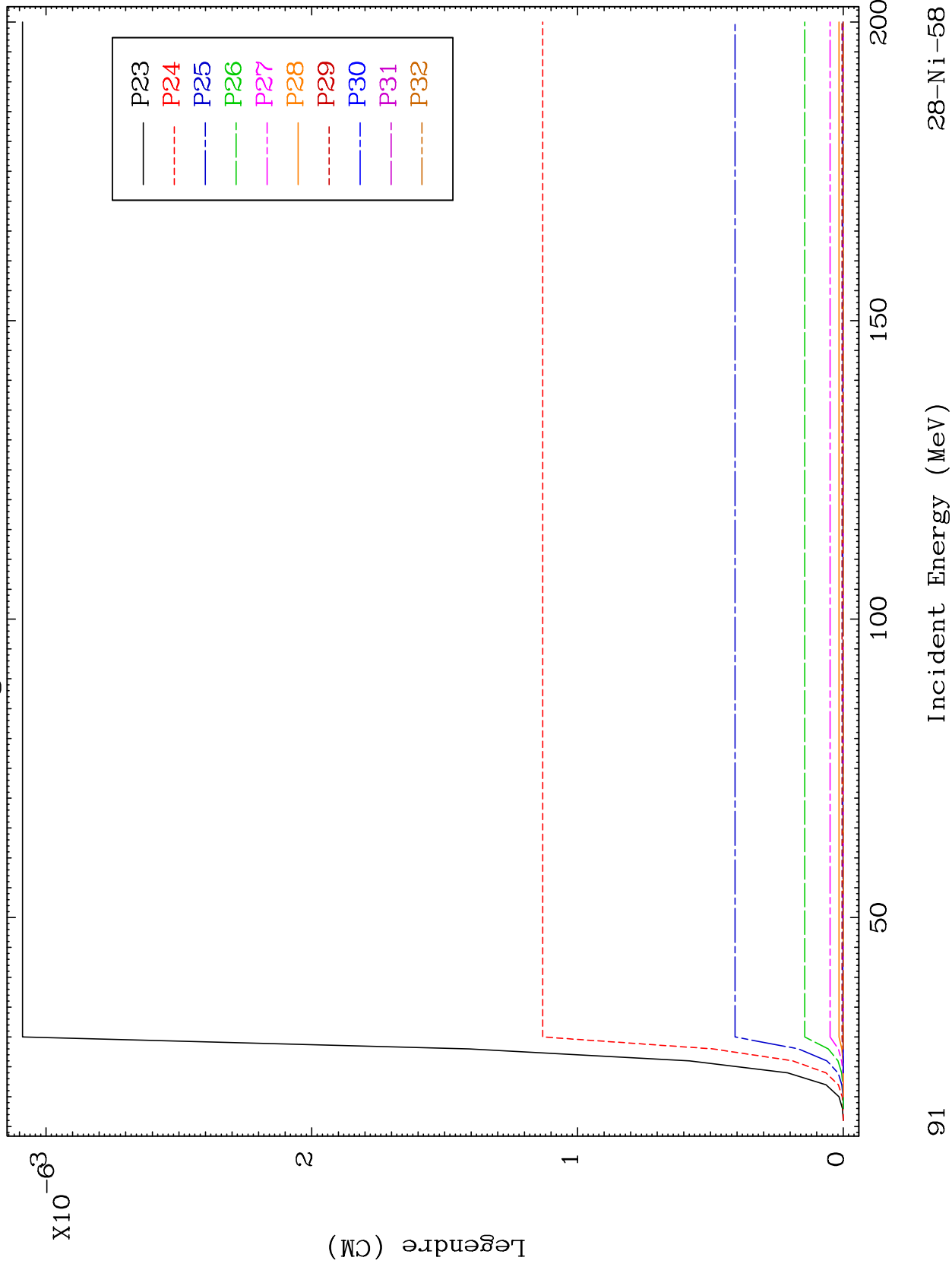
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

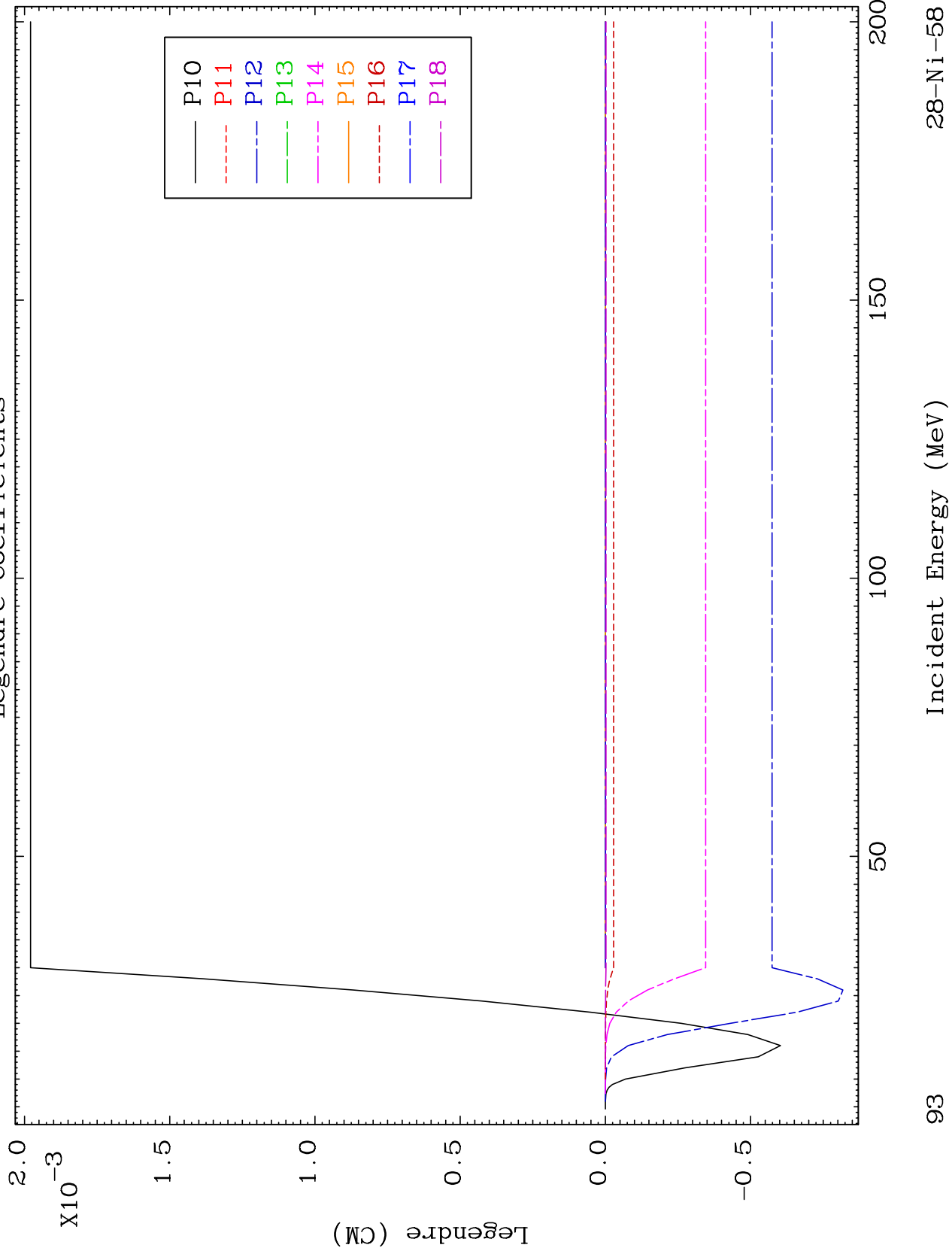
28-Ni-58



MAT 2825

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

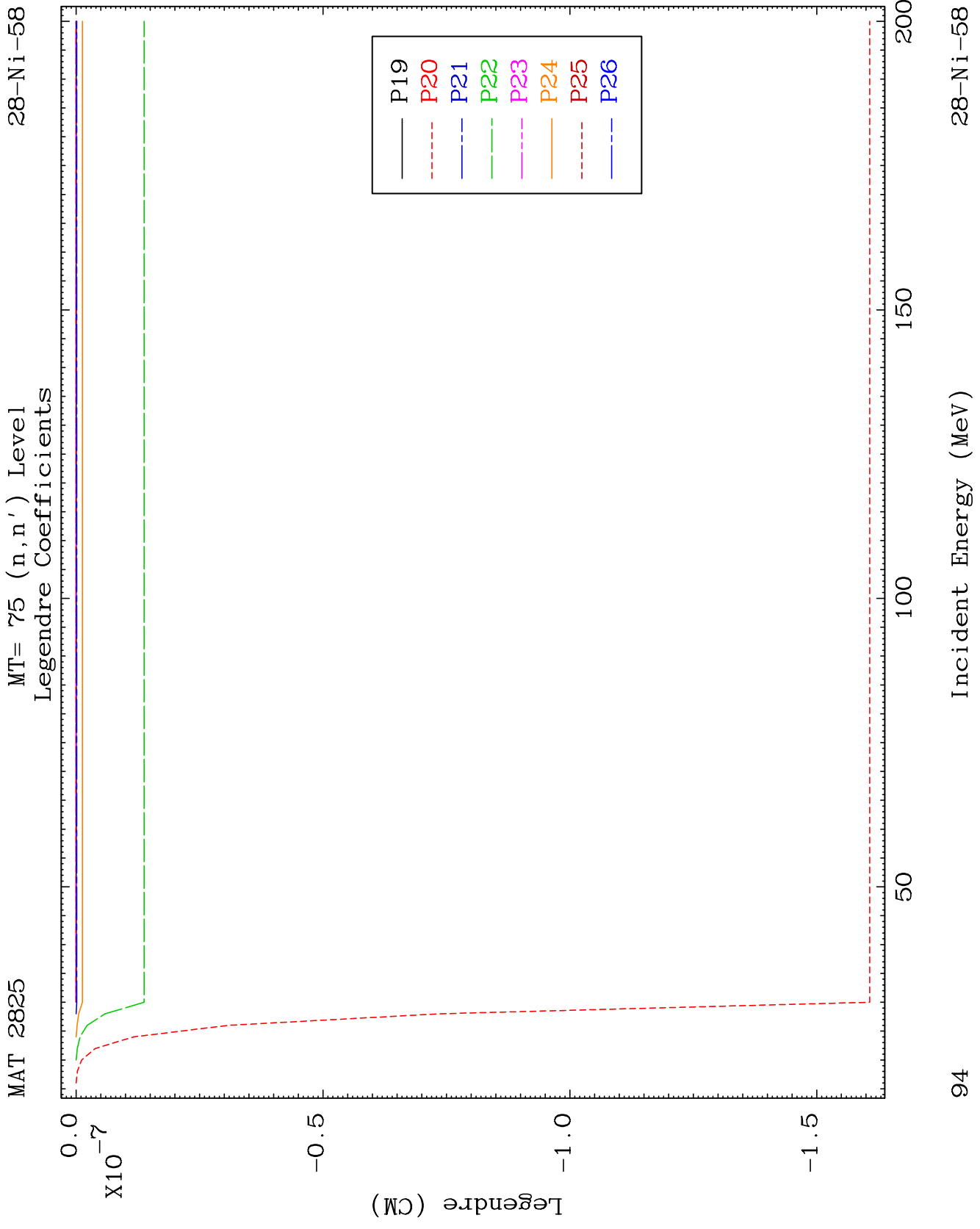
28-Ni-58



93

Incident Energy (MeV)

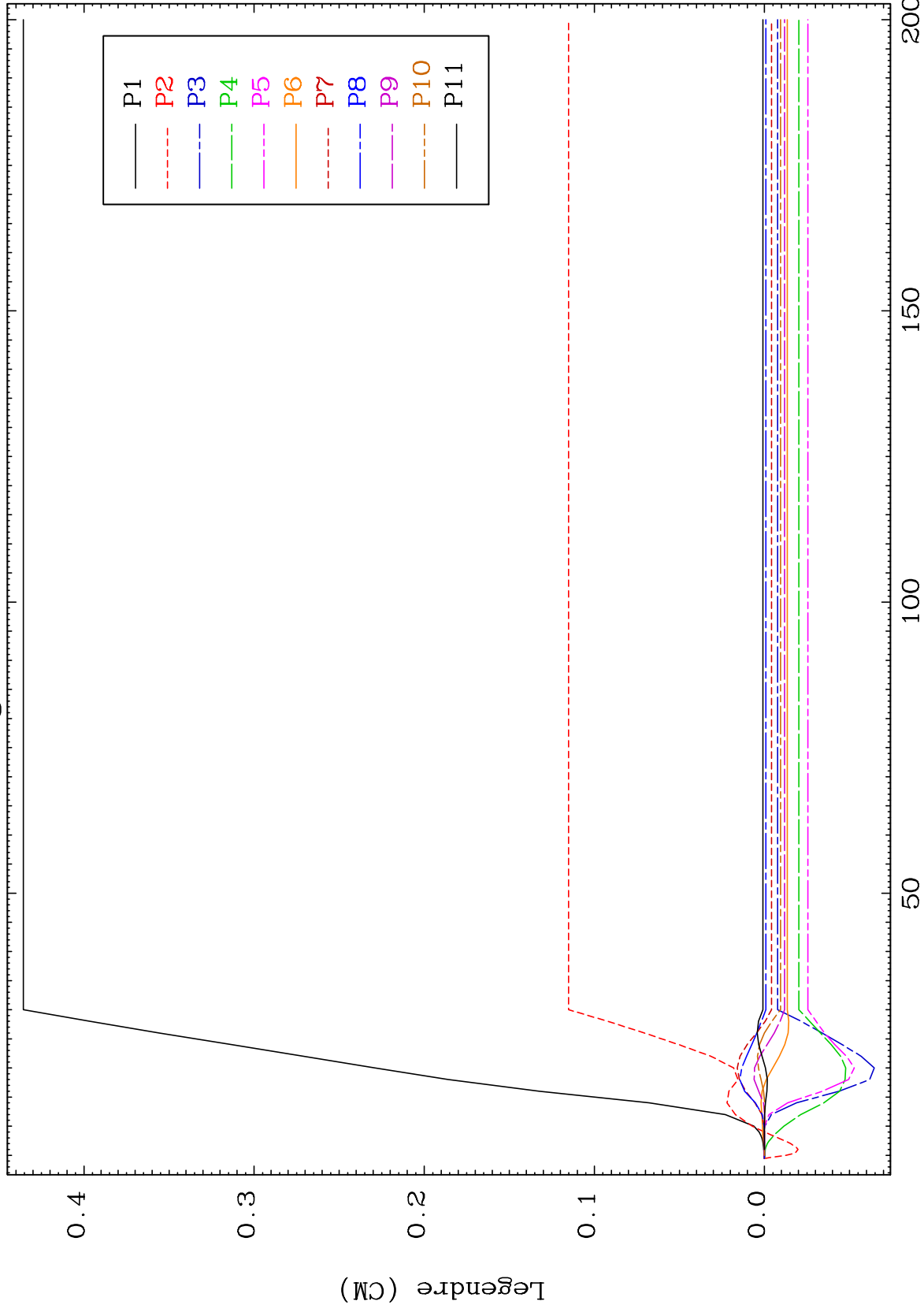
28-Ni-58



MAT 2825

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

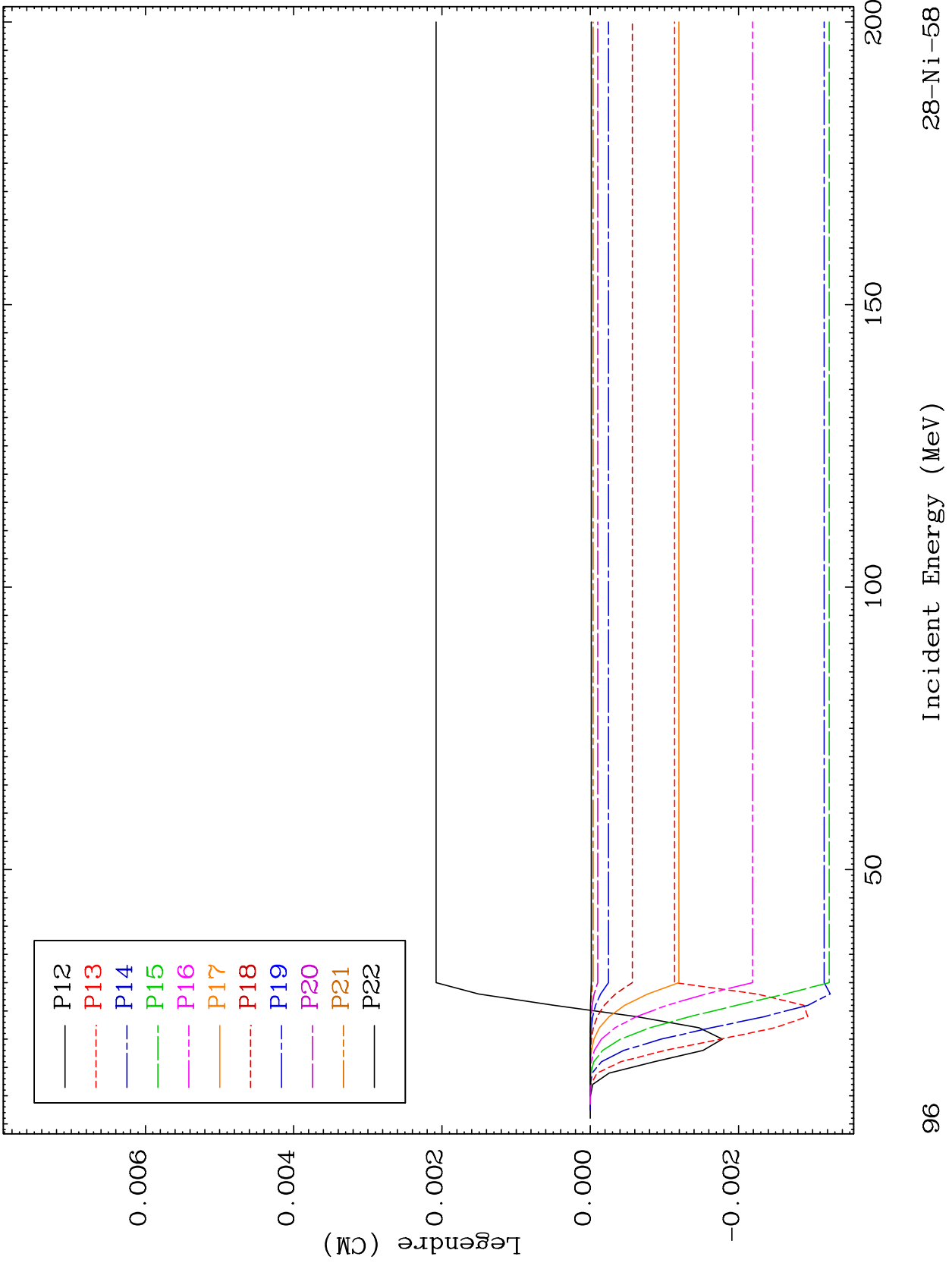
28-Ni-58



95

Incident Energy (MeV)

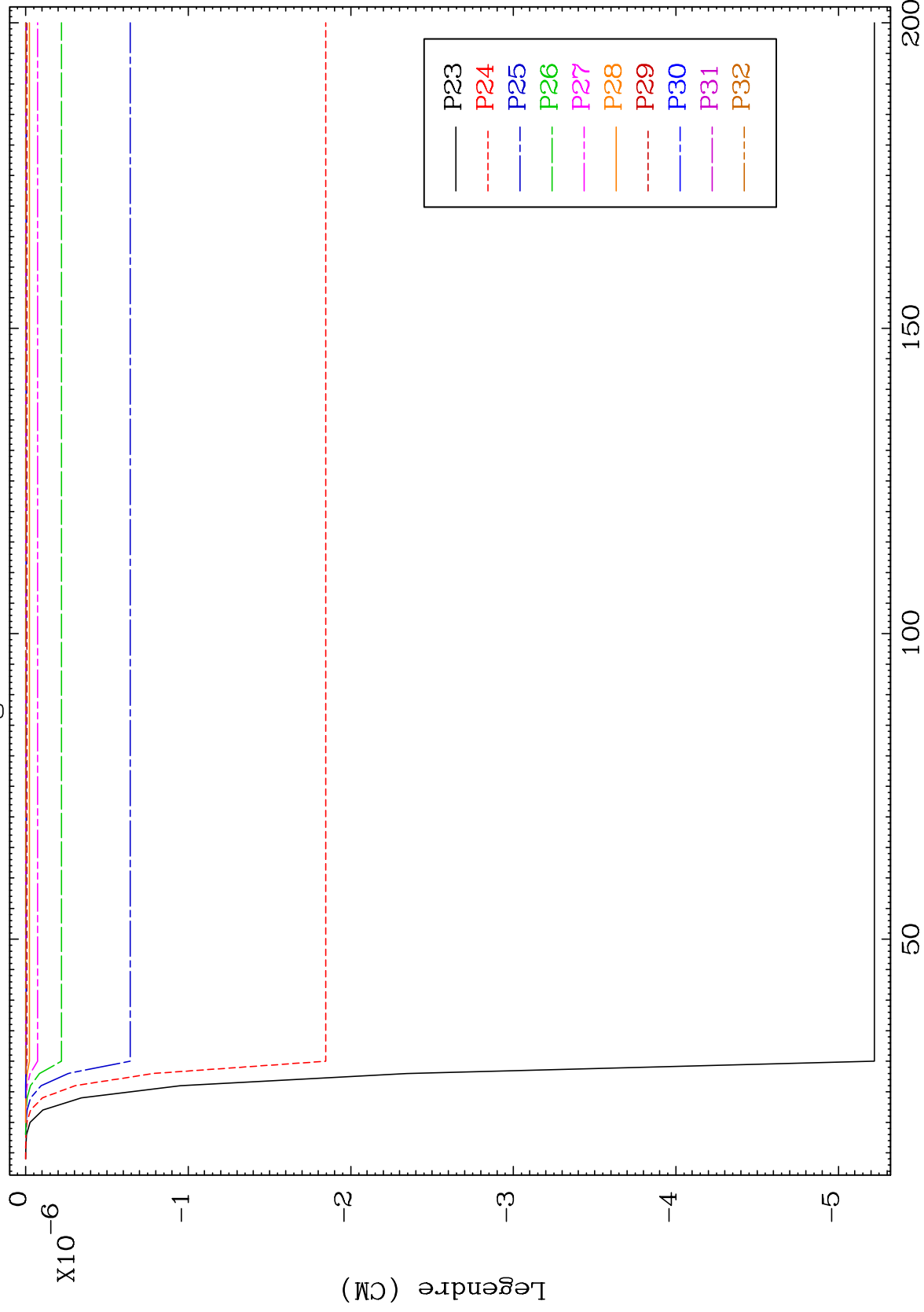
28-Ni-58



MAT 2825

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

28-Ni-58



97

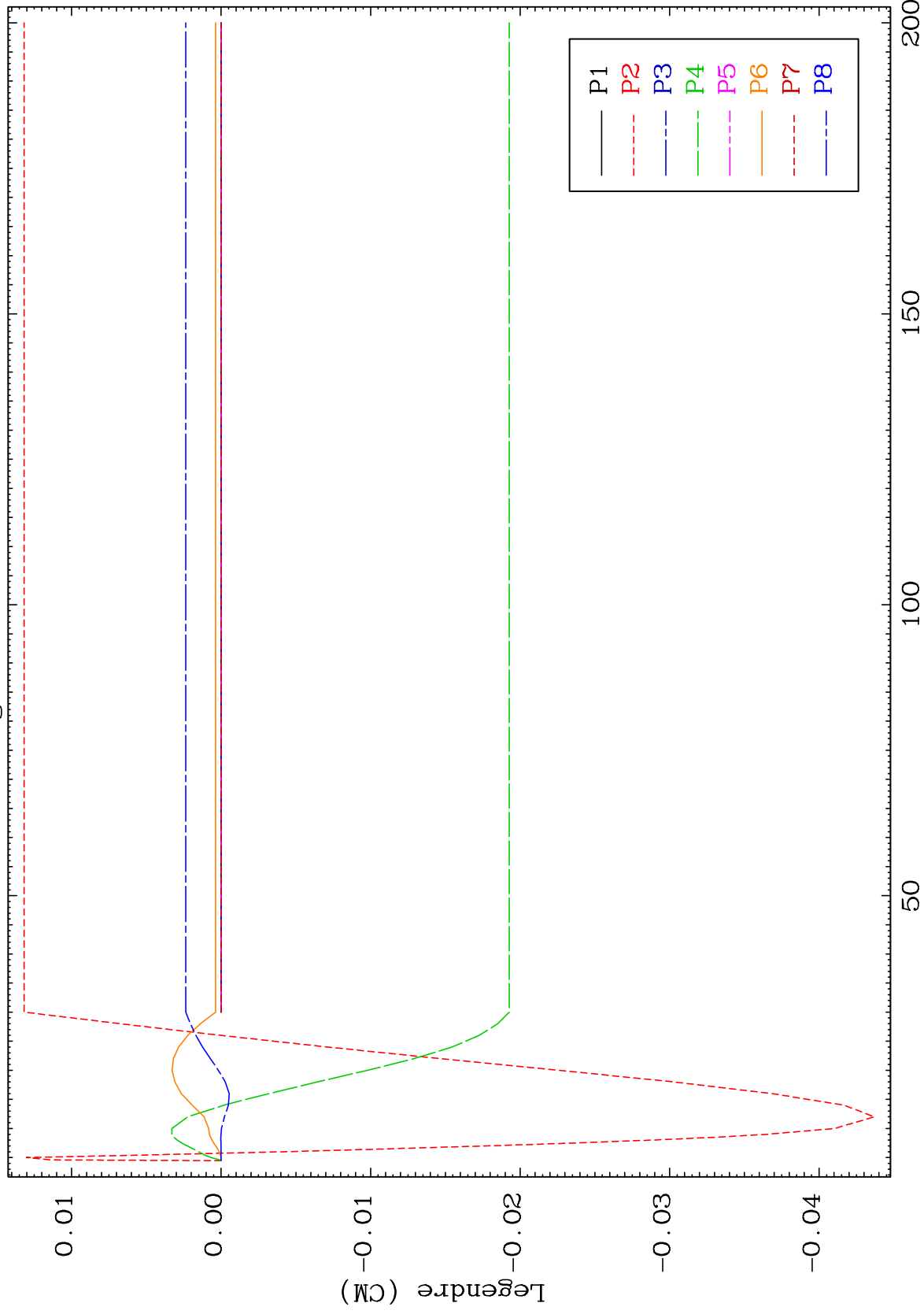
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



98

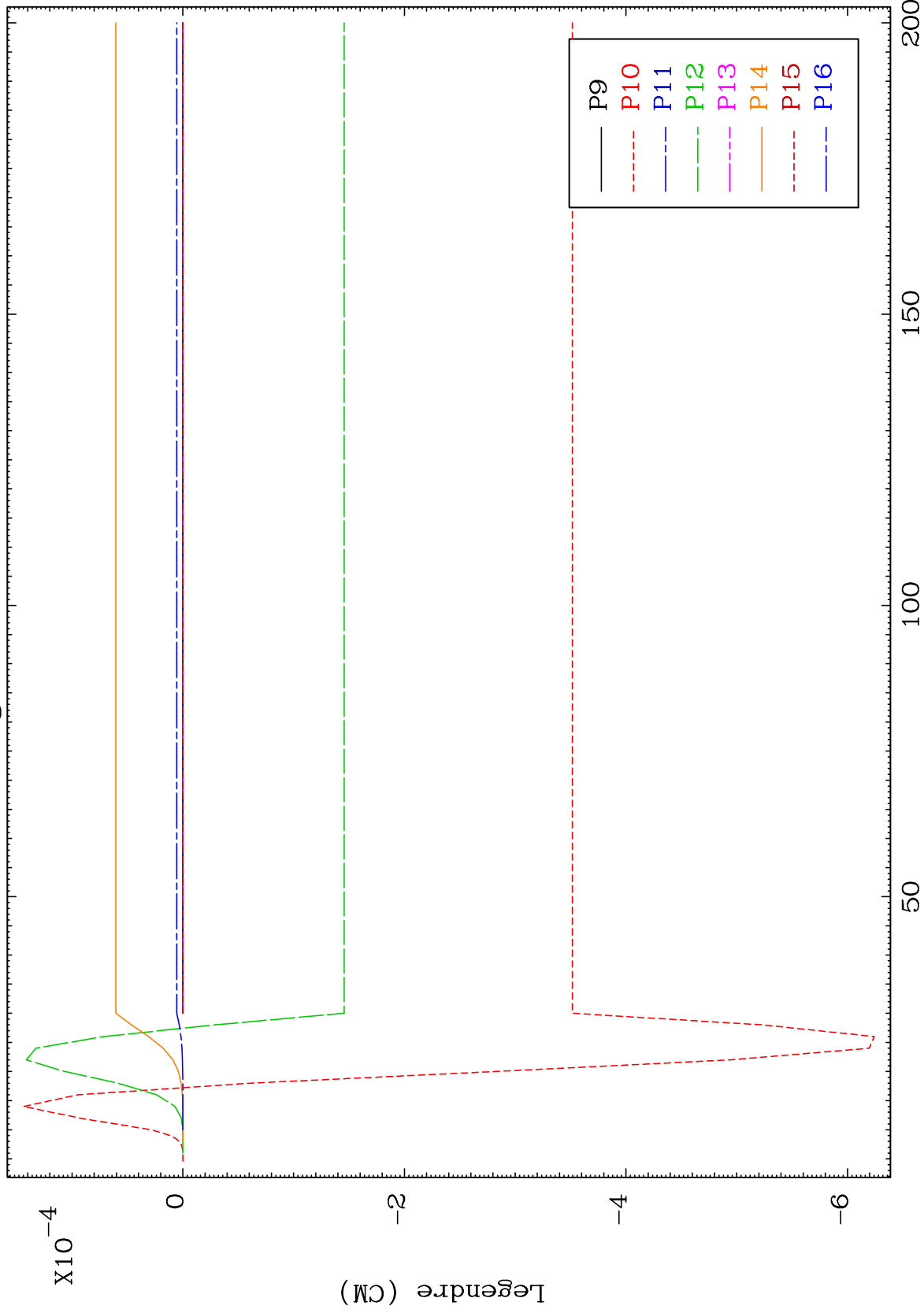
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

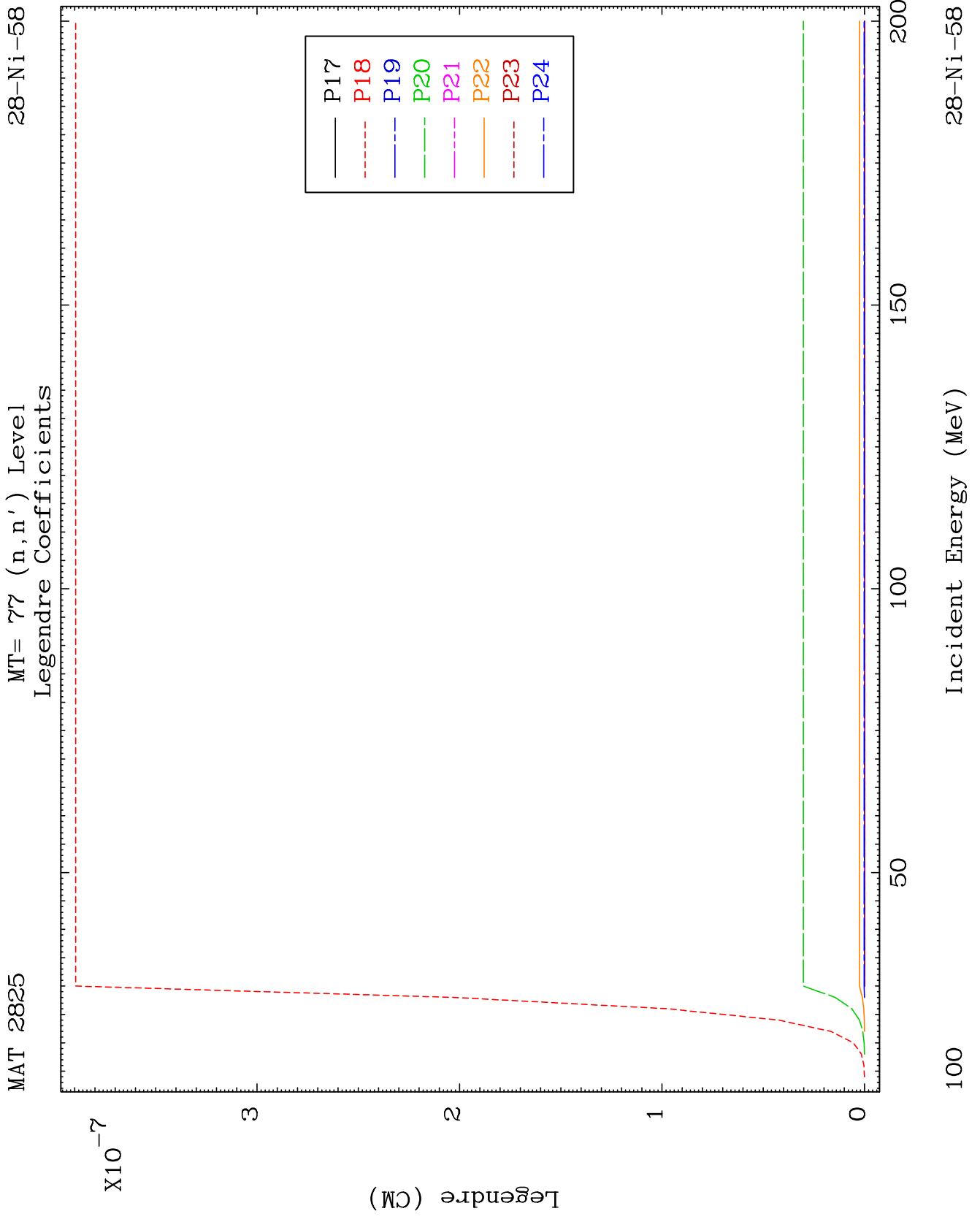
28-Ni-58



99

Incident Energy (MeV)

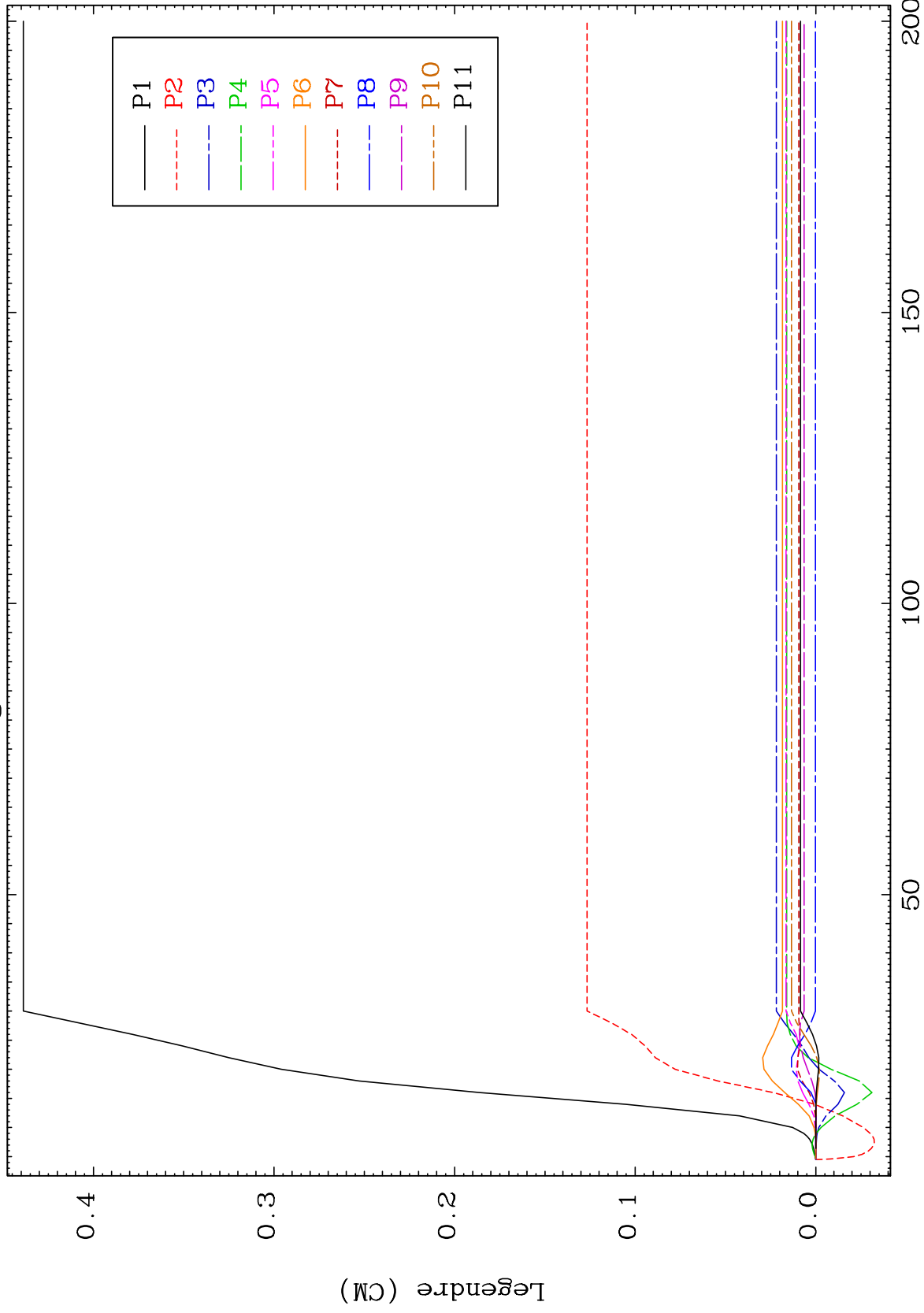
28-Ni-58



MAT 2825

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

28-Ni-58



101

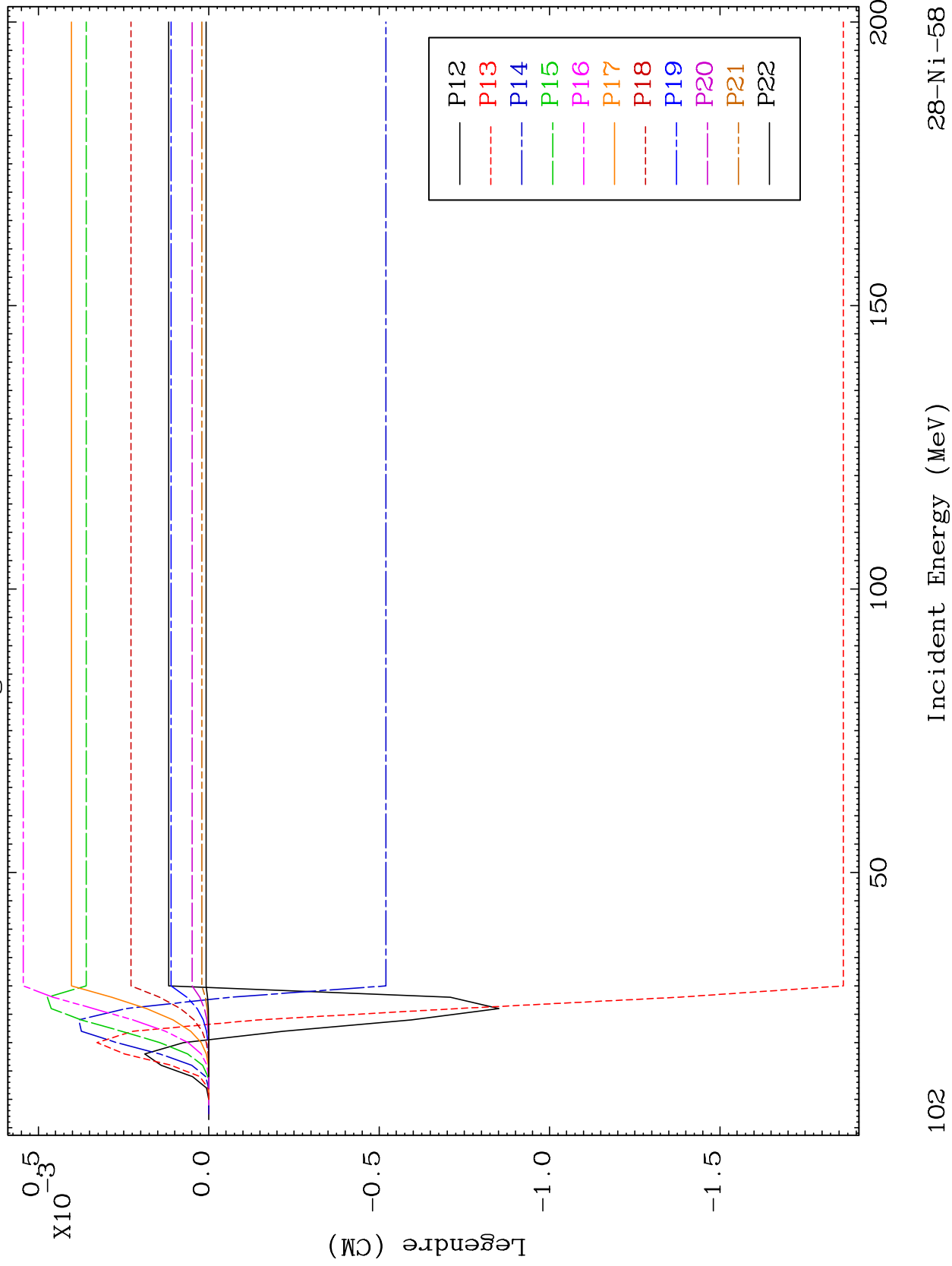
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



102

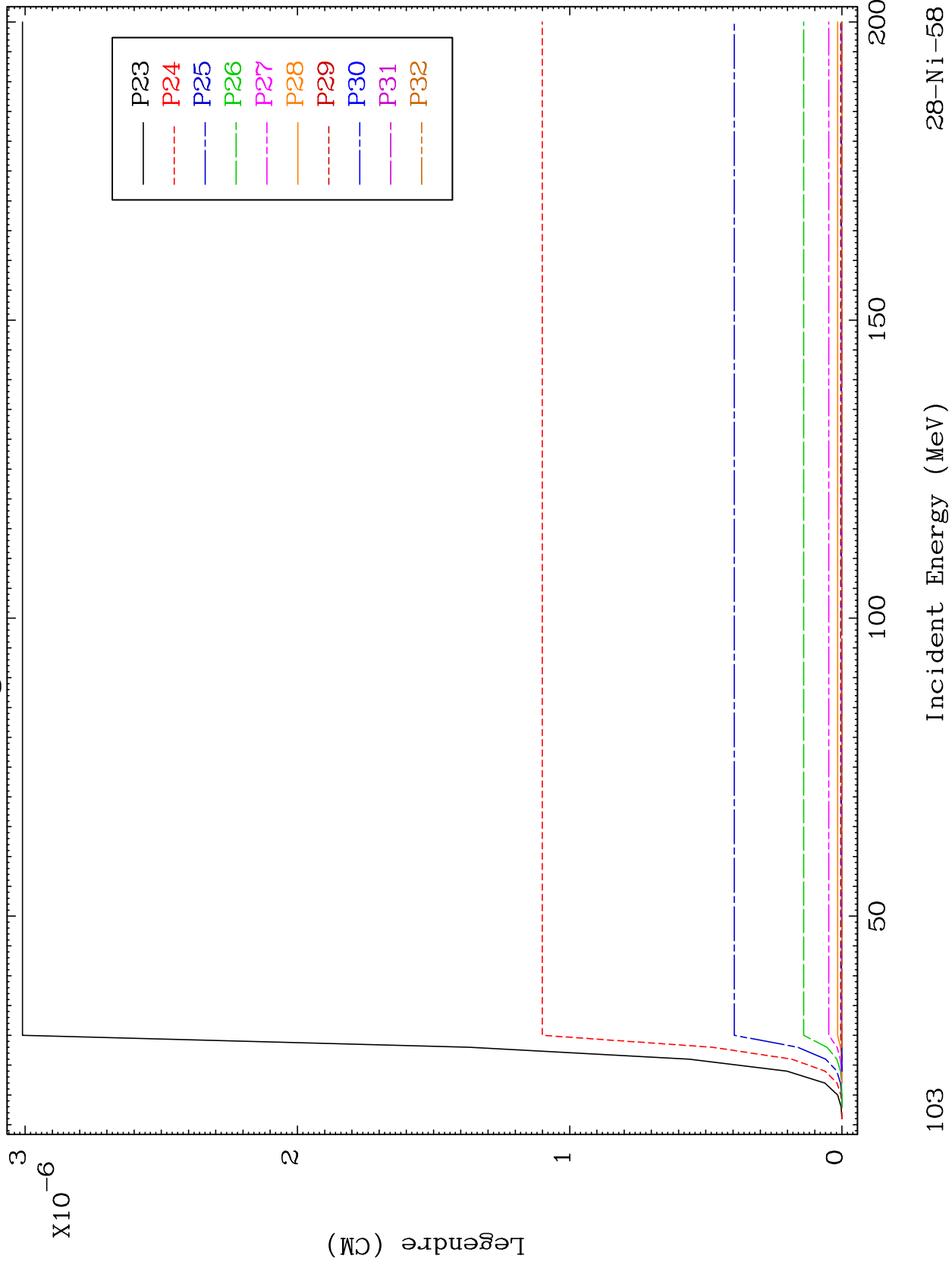
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

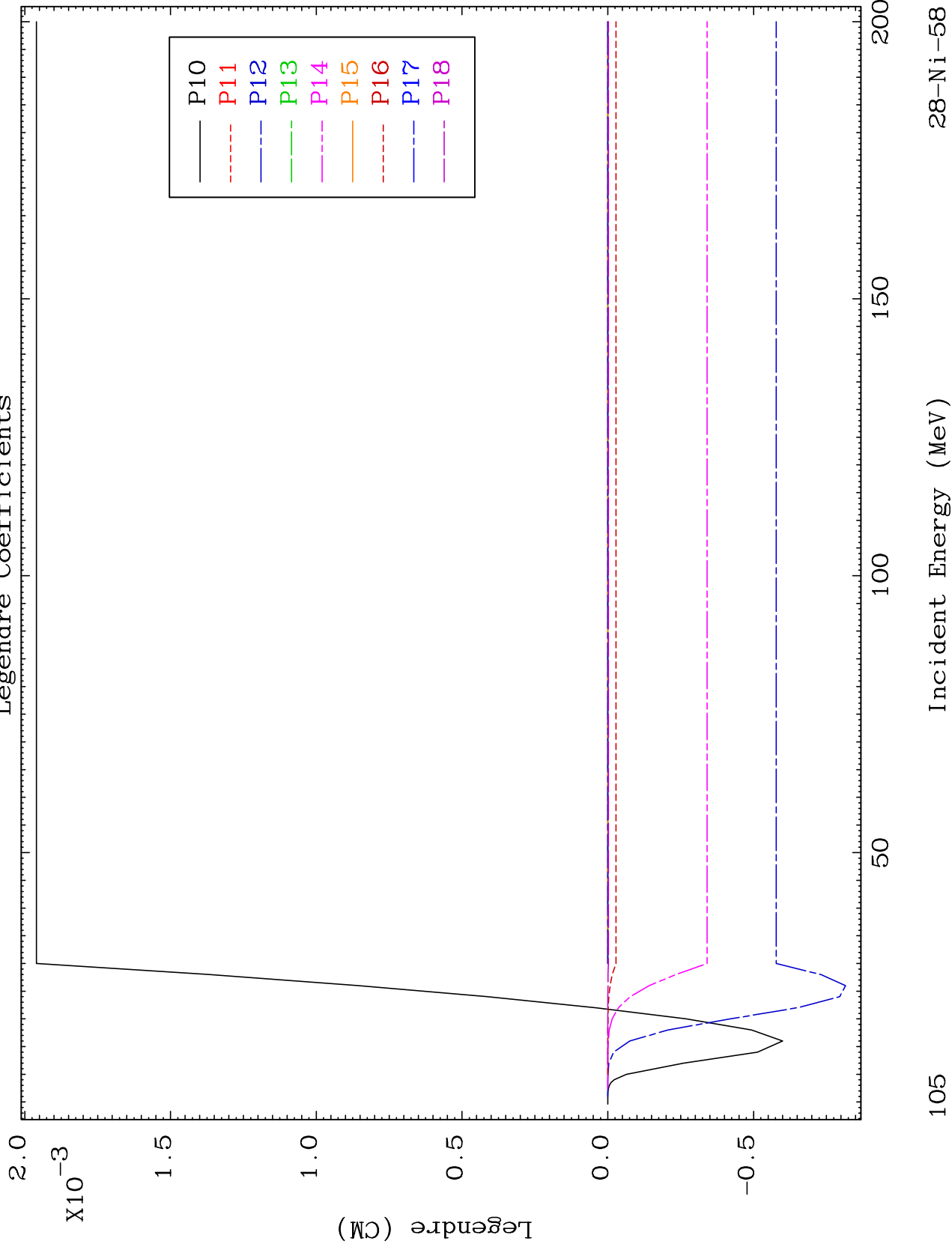
28-Ni-58



MAT 2825

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

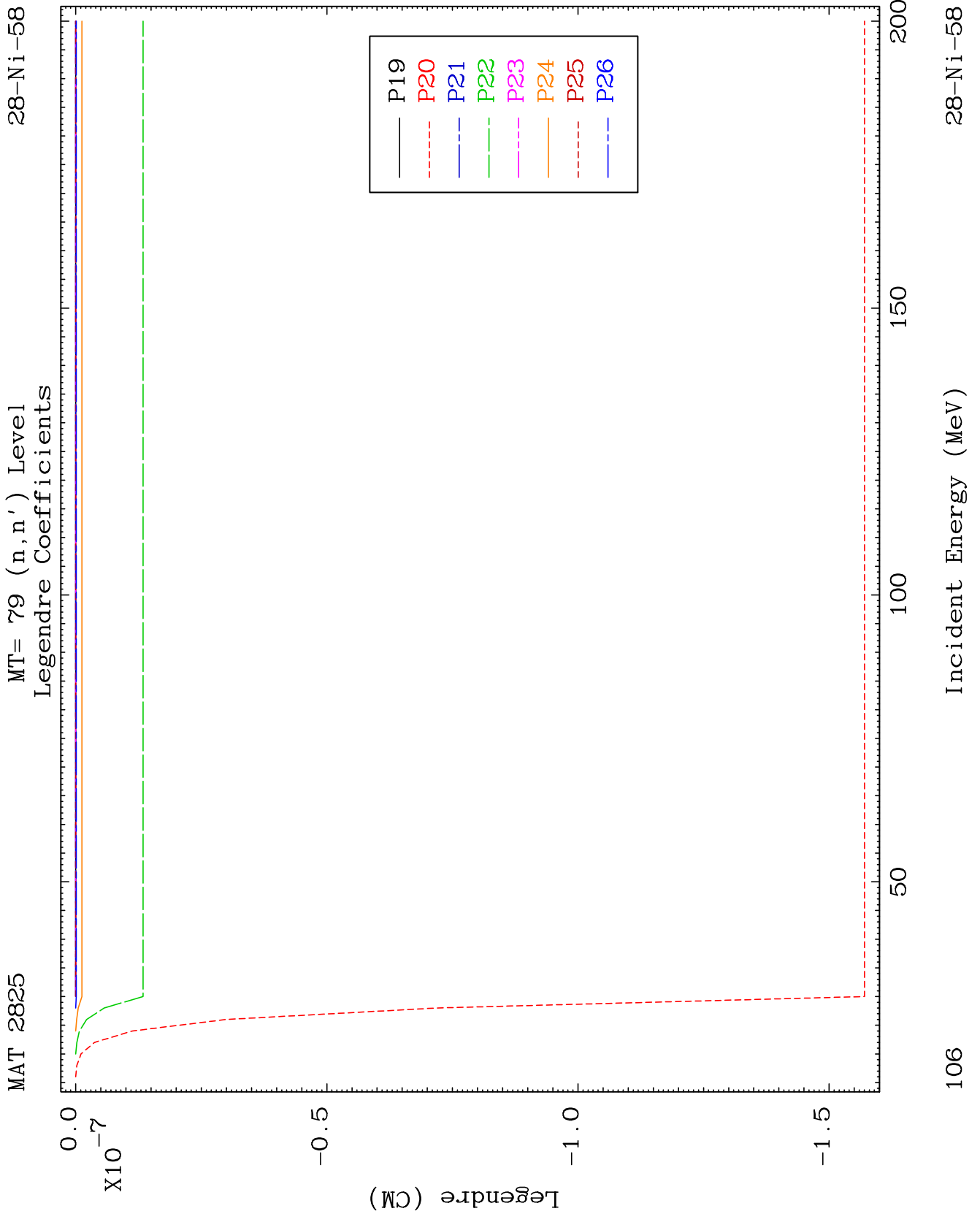
28-Ni-58



105

Incident Energy (MeV)

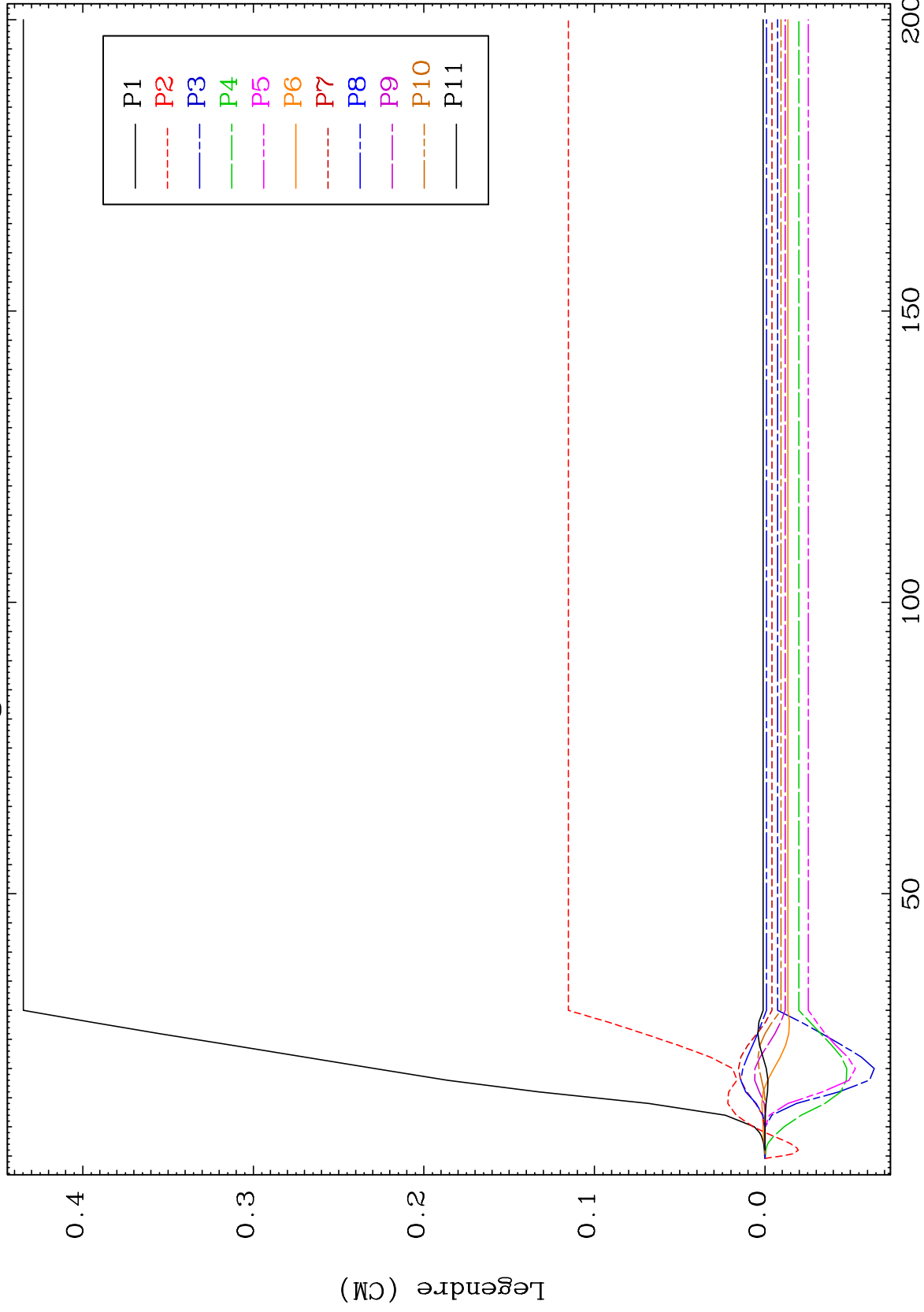
28-Ni-58



MAT 2825

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

28-Ni-58



107

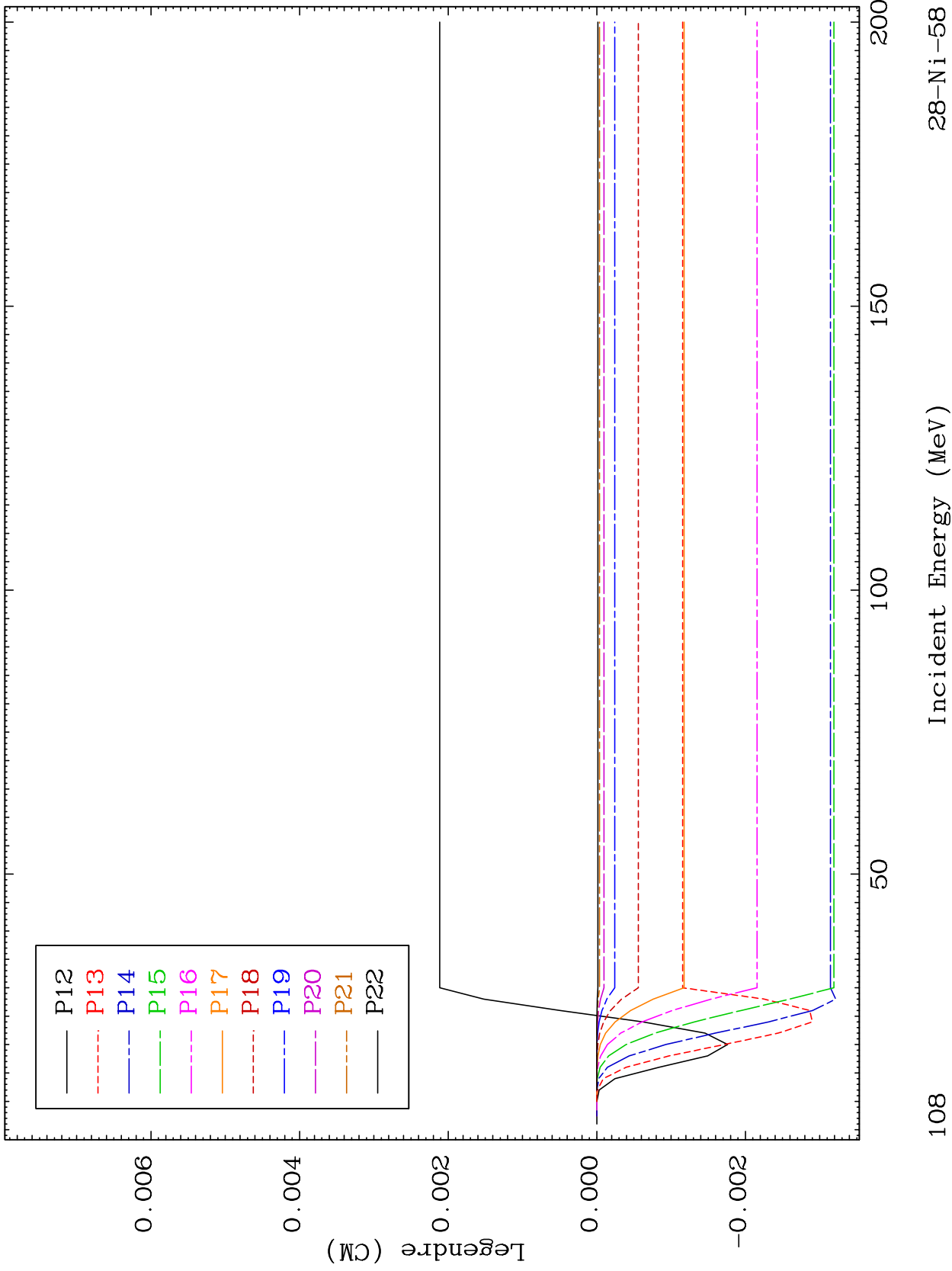
Incident Energy (MeV)

28-Ni-58

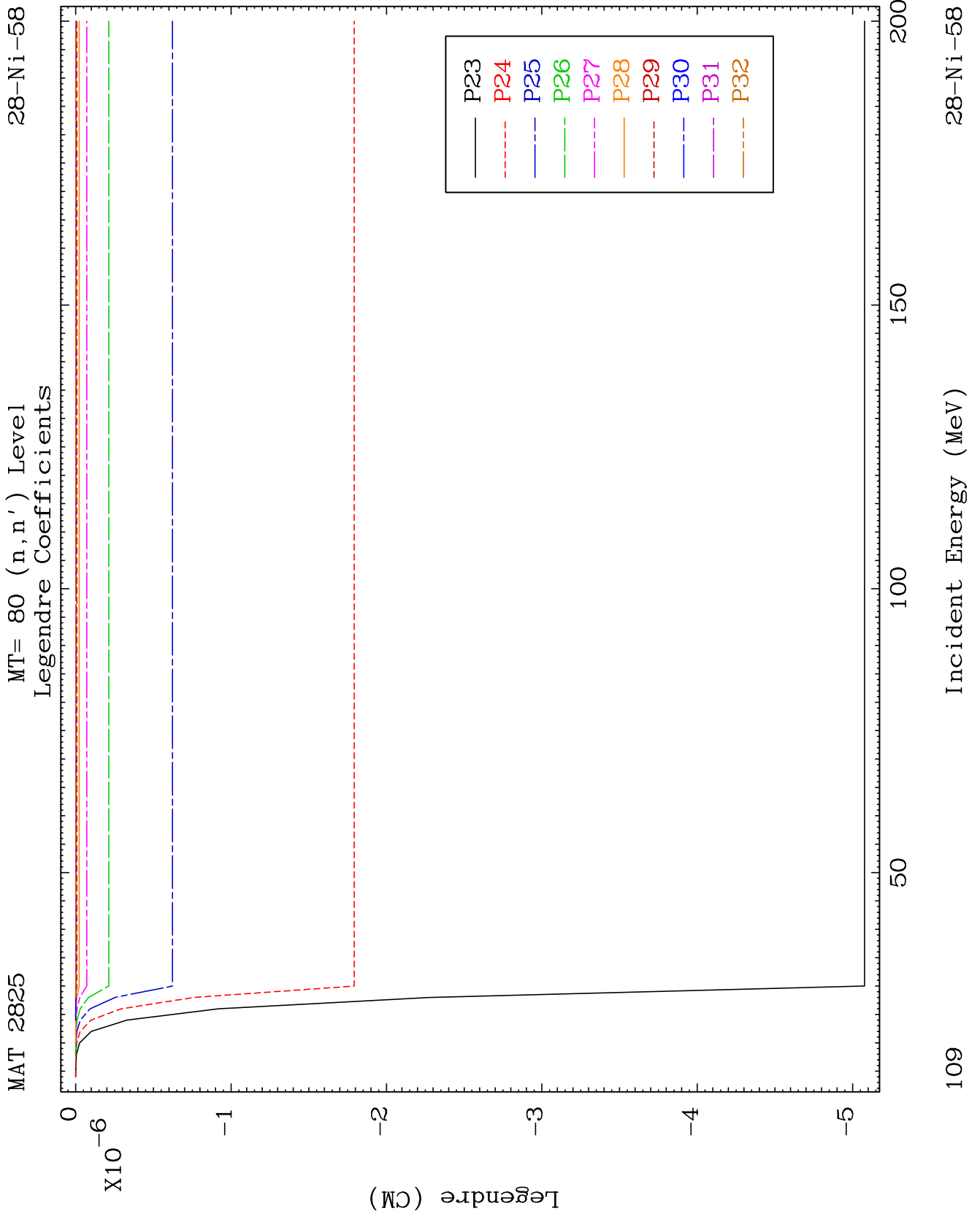
MAT 2825

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

28-Ni-58



108

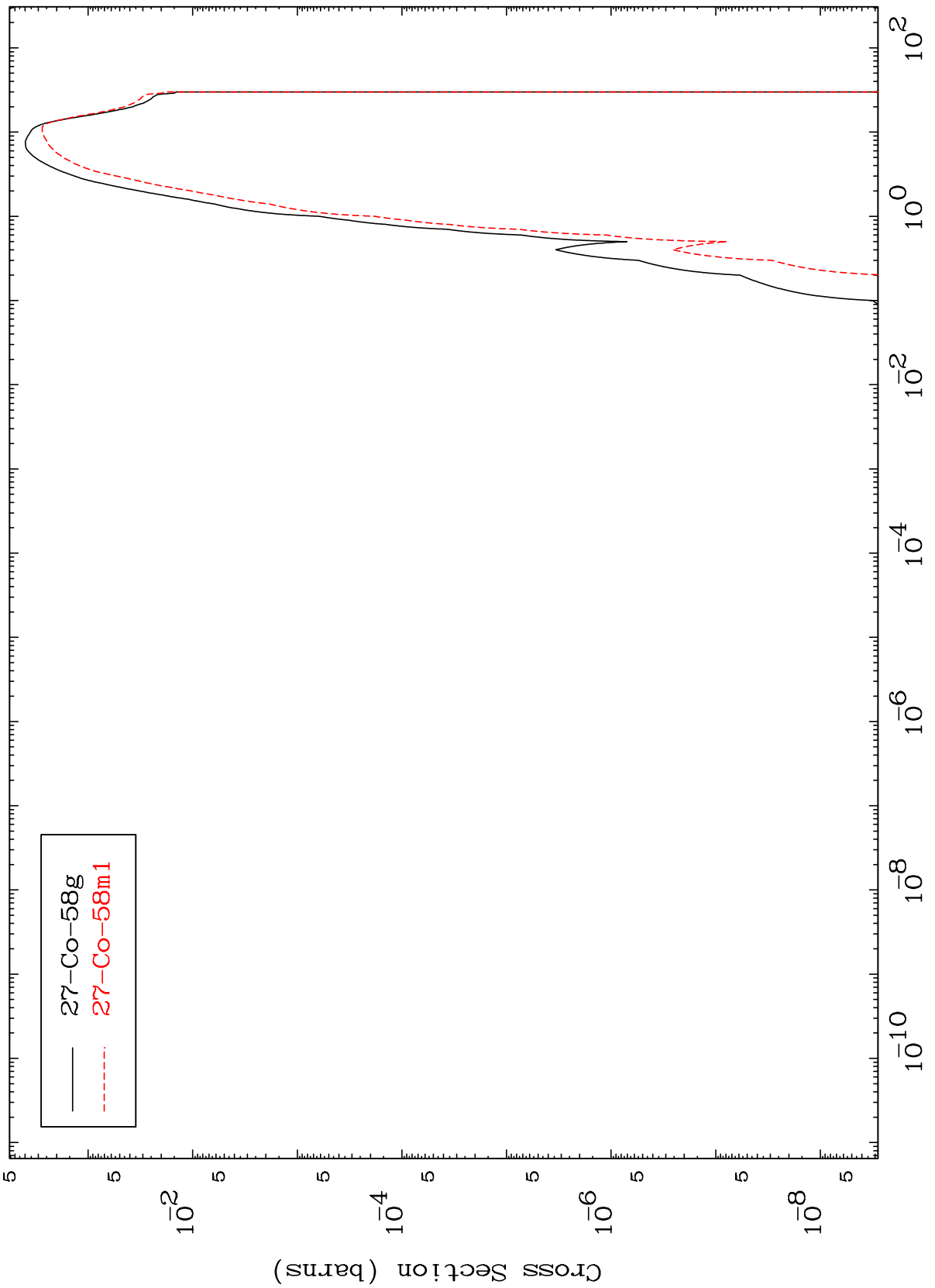


MAT 2825

(n,p)

28-Ni-58

Radionuclide Production Cross Section



— 27-Co-58g
- - - 27-Co-58m1