

Program EVALPLOT
(Version 2018-1)

by

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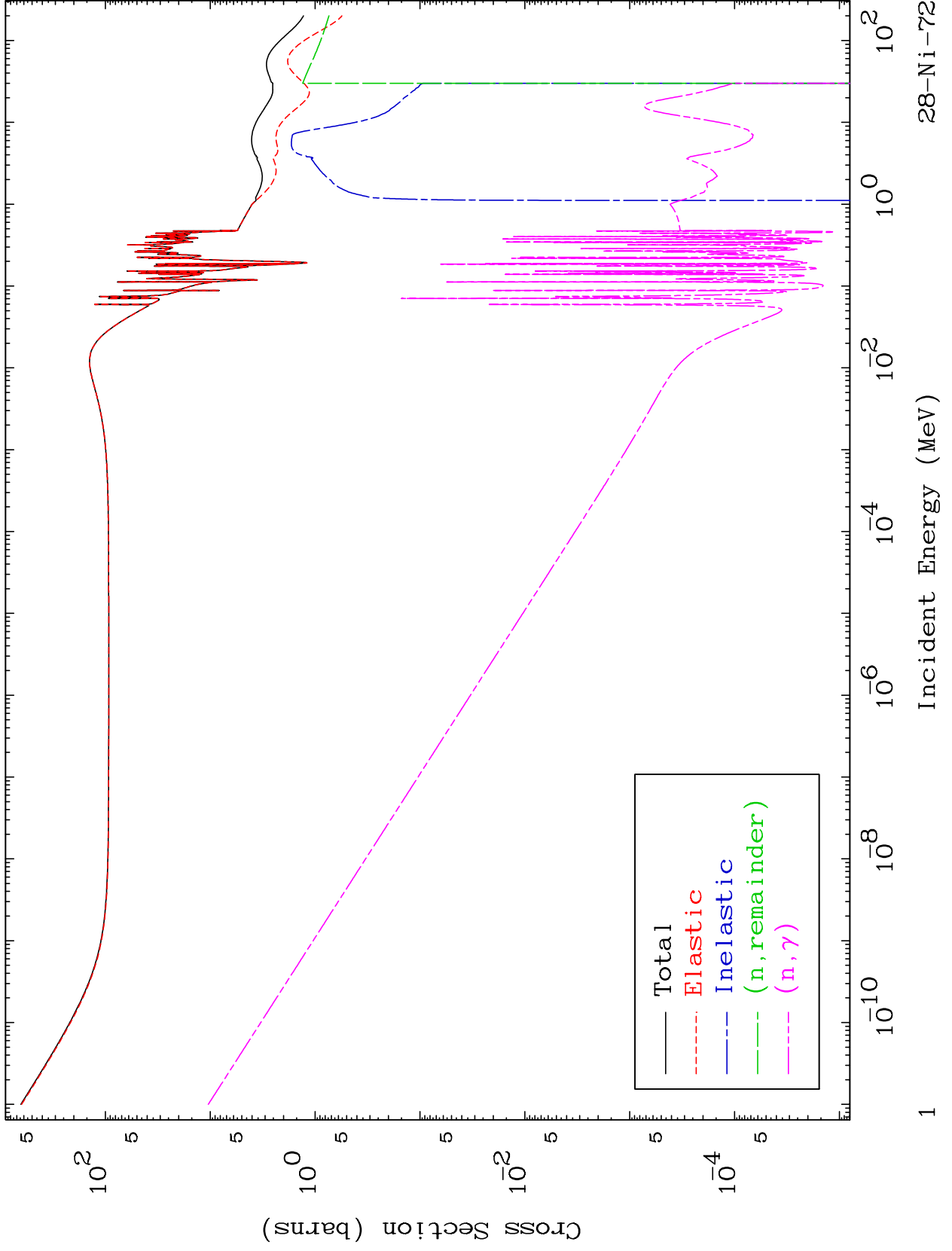
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2867

Major
293 Kelvin Cross Sections

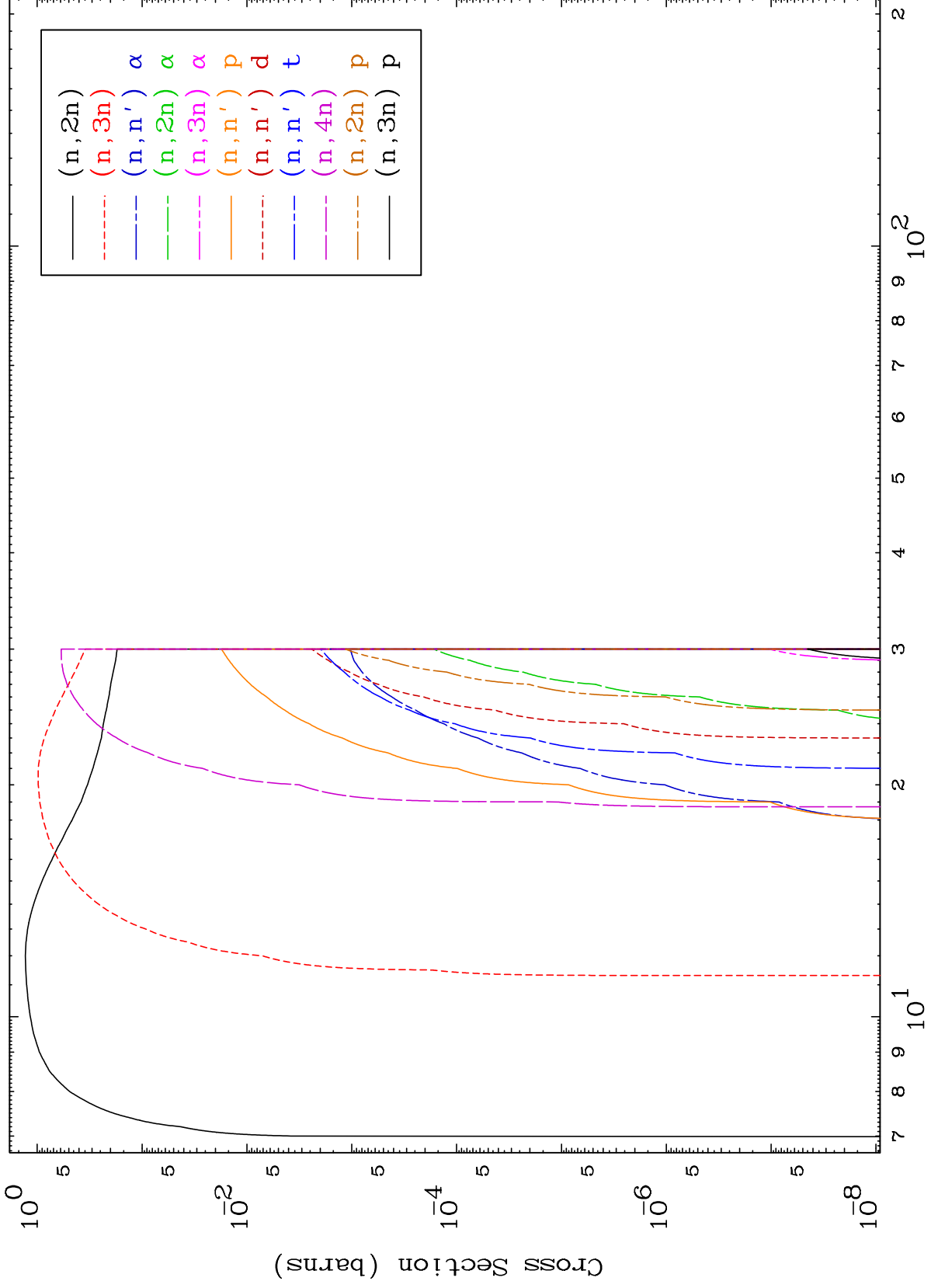
28-Ni-72



MAT 2867

Neutron Production
293 Kelvin Cross Sections

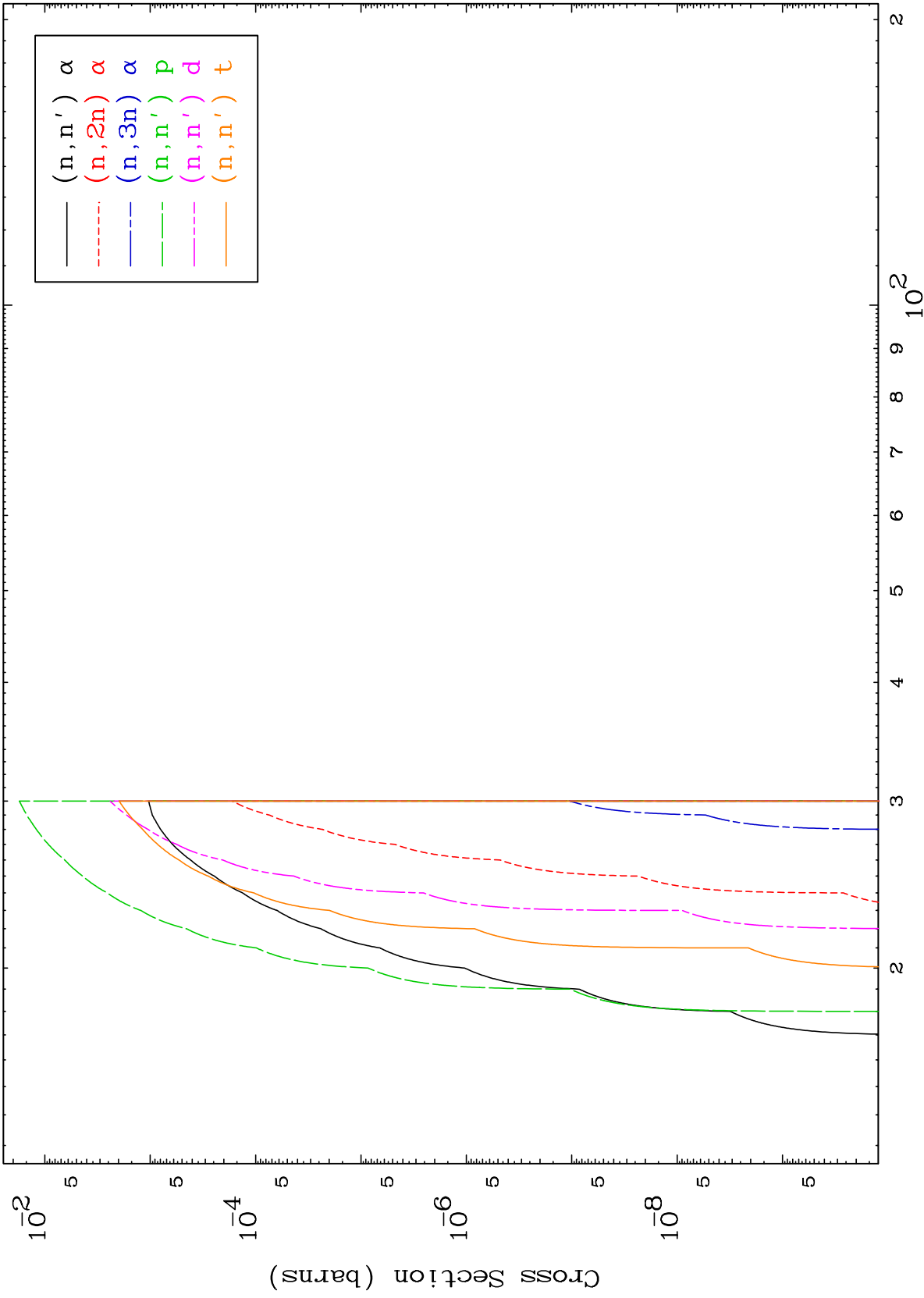
28-Ni-72



2

Incident Energy (MeV)

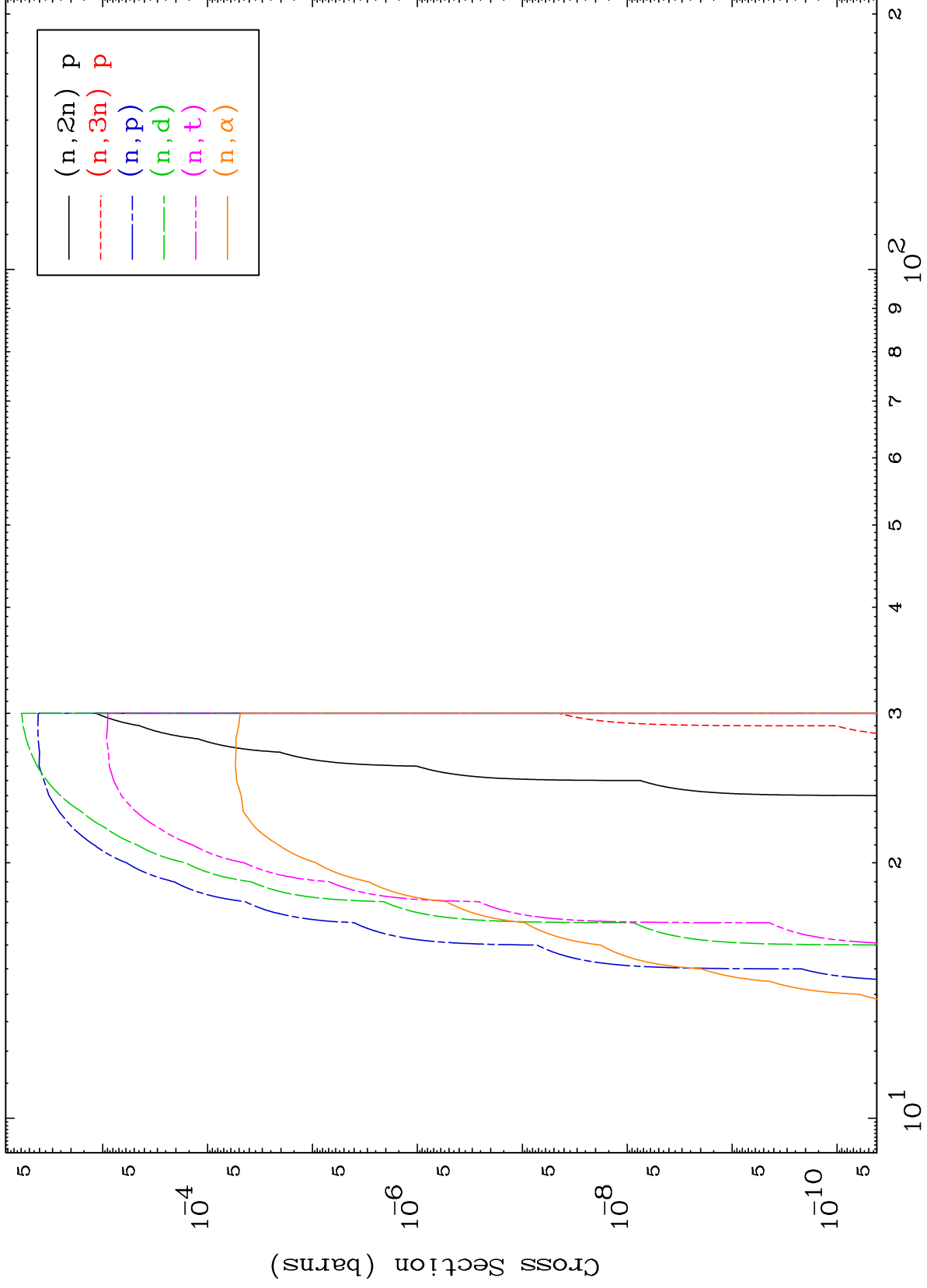
28-Ni-72



MAT 2867

Charged Particle
293 Kelvin Cross Sections

28-Ni-72



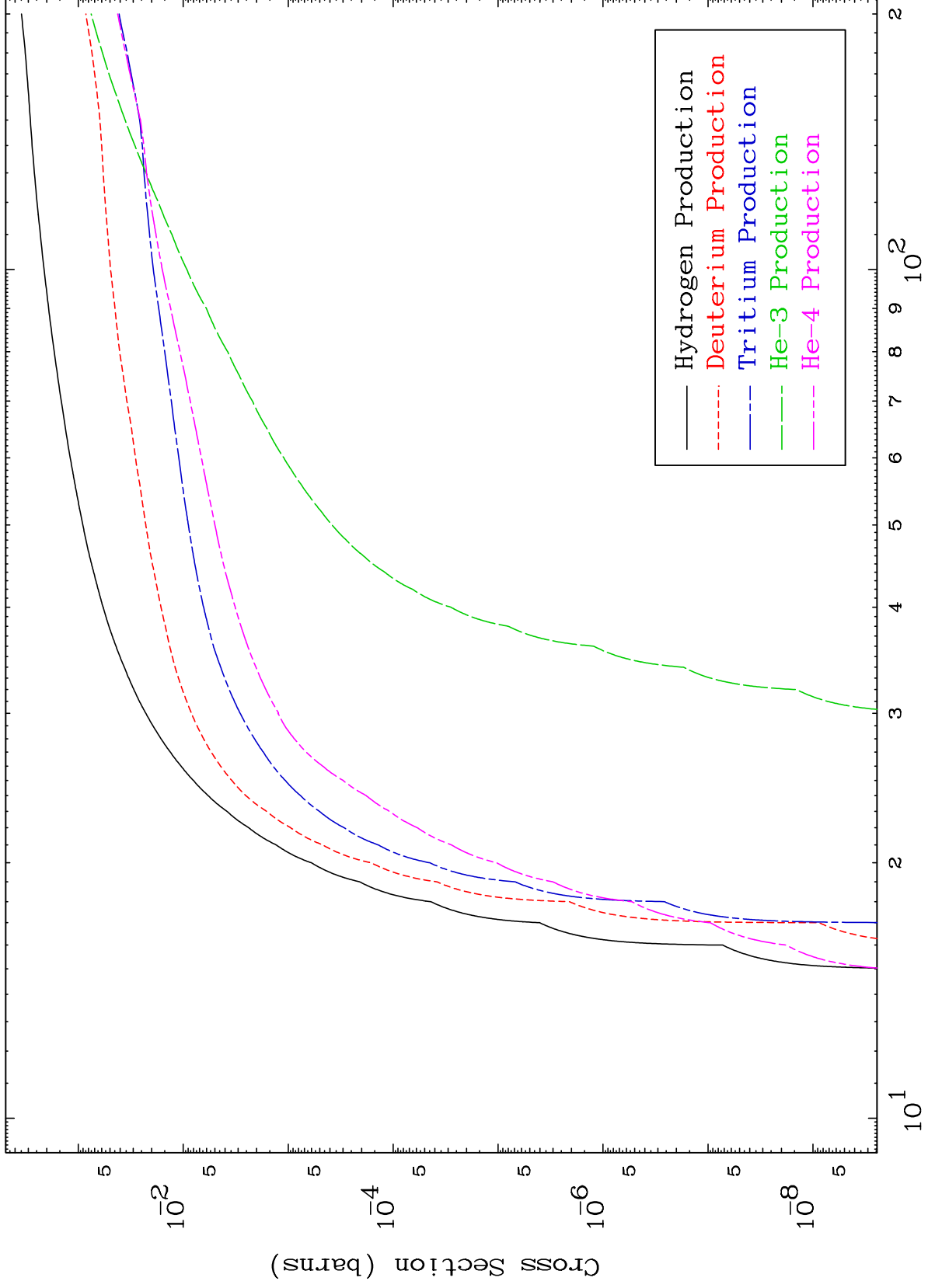
Incident Energy (MeV)

28-Ni-72

MAT 2867

Particle Production
293 Kelvin Cross Sections

28-Ni-72



Incident Energy (MeV)

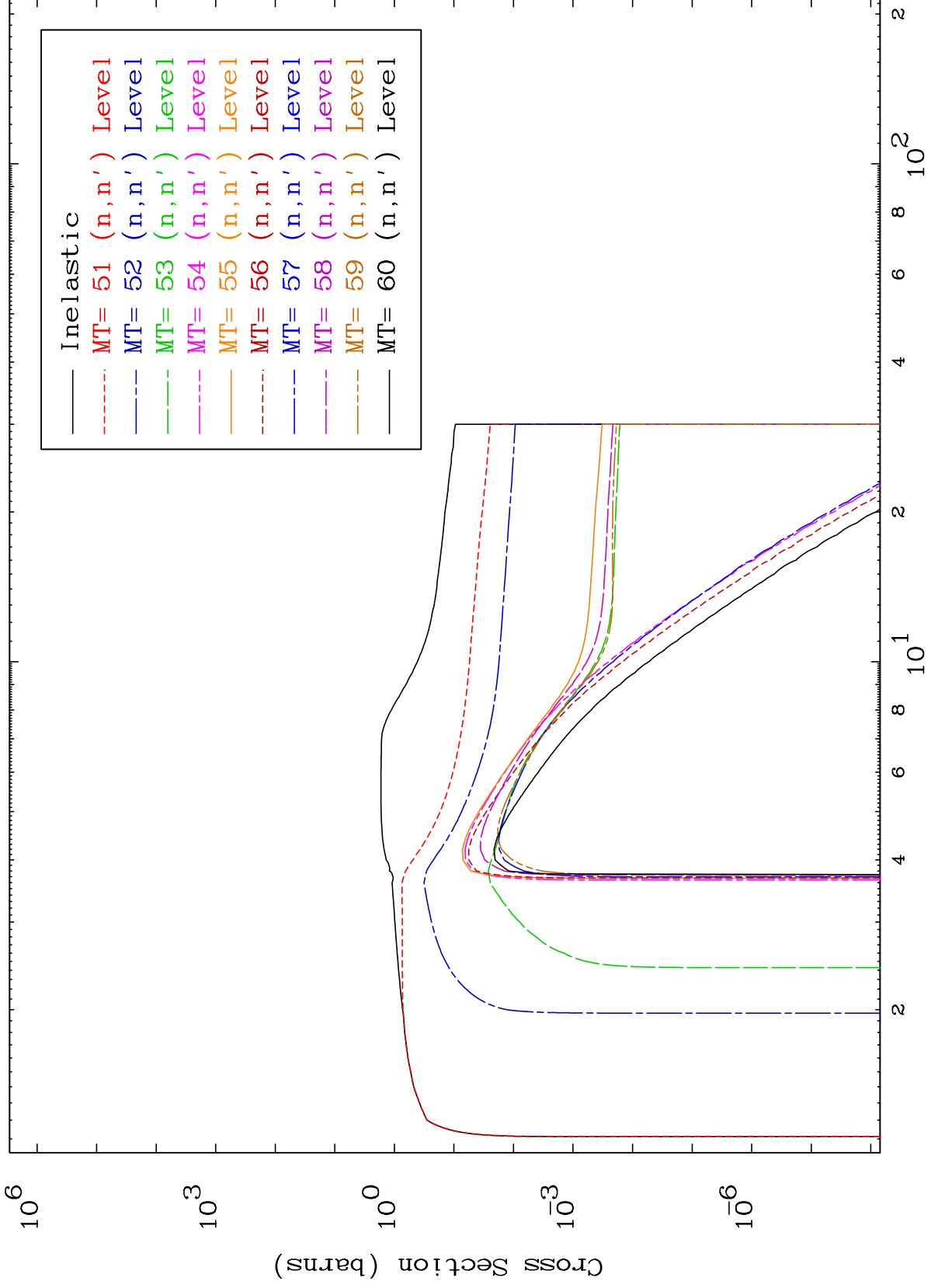
28-Ni-72

MAT 2867

(n,n') Level

28-Ni-72

293 Kelvin Cross Sections



6

Incident Energy (MeV)

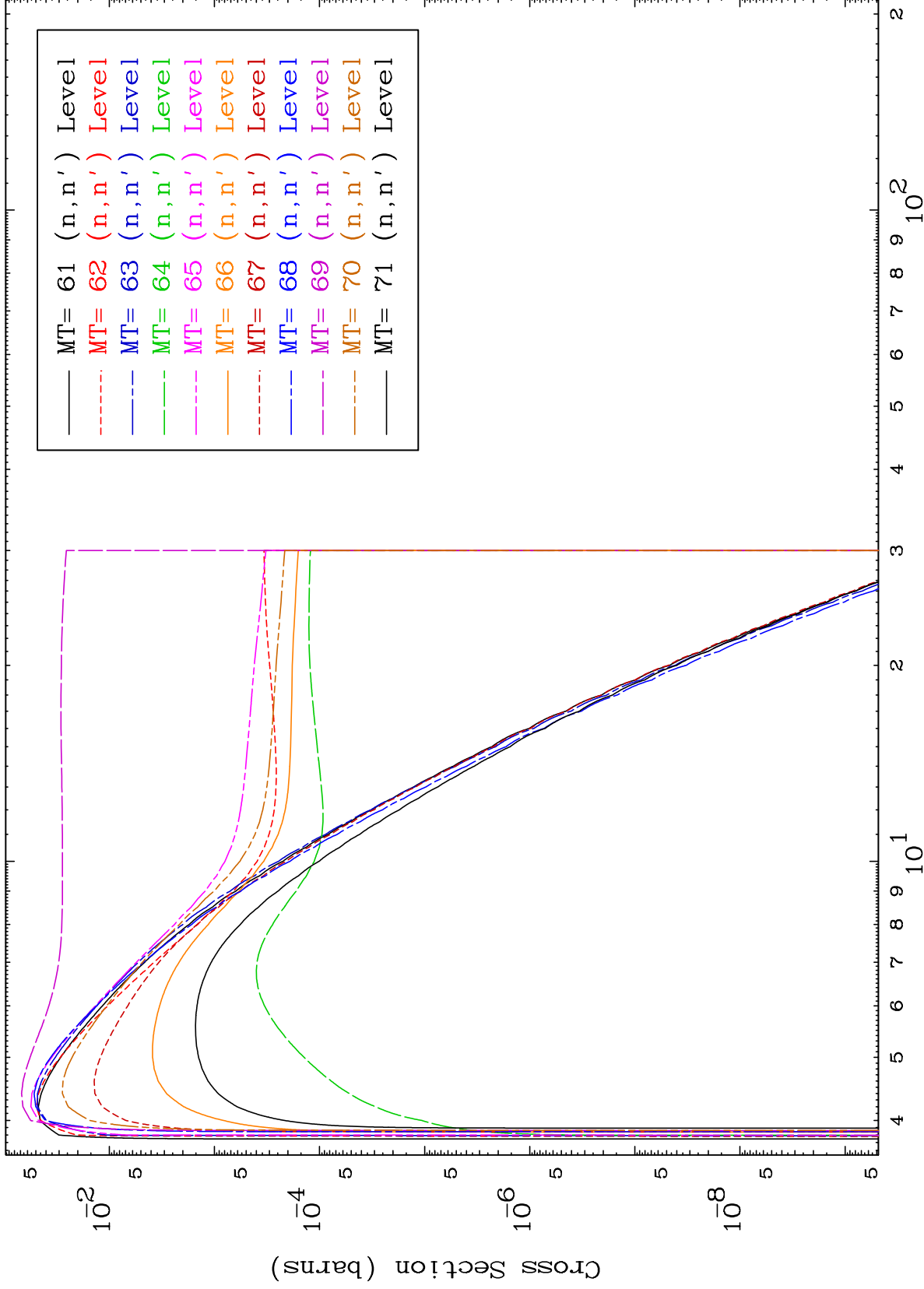
28-Ni-72

MAT 2867

(n,n') Level

28-Ni-72

293 Kelvin Cross Sections



7

Incident Energy (MeV)

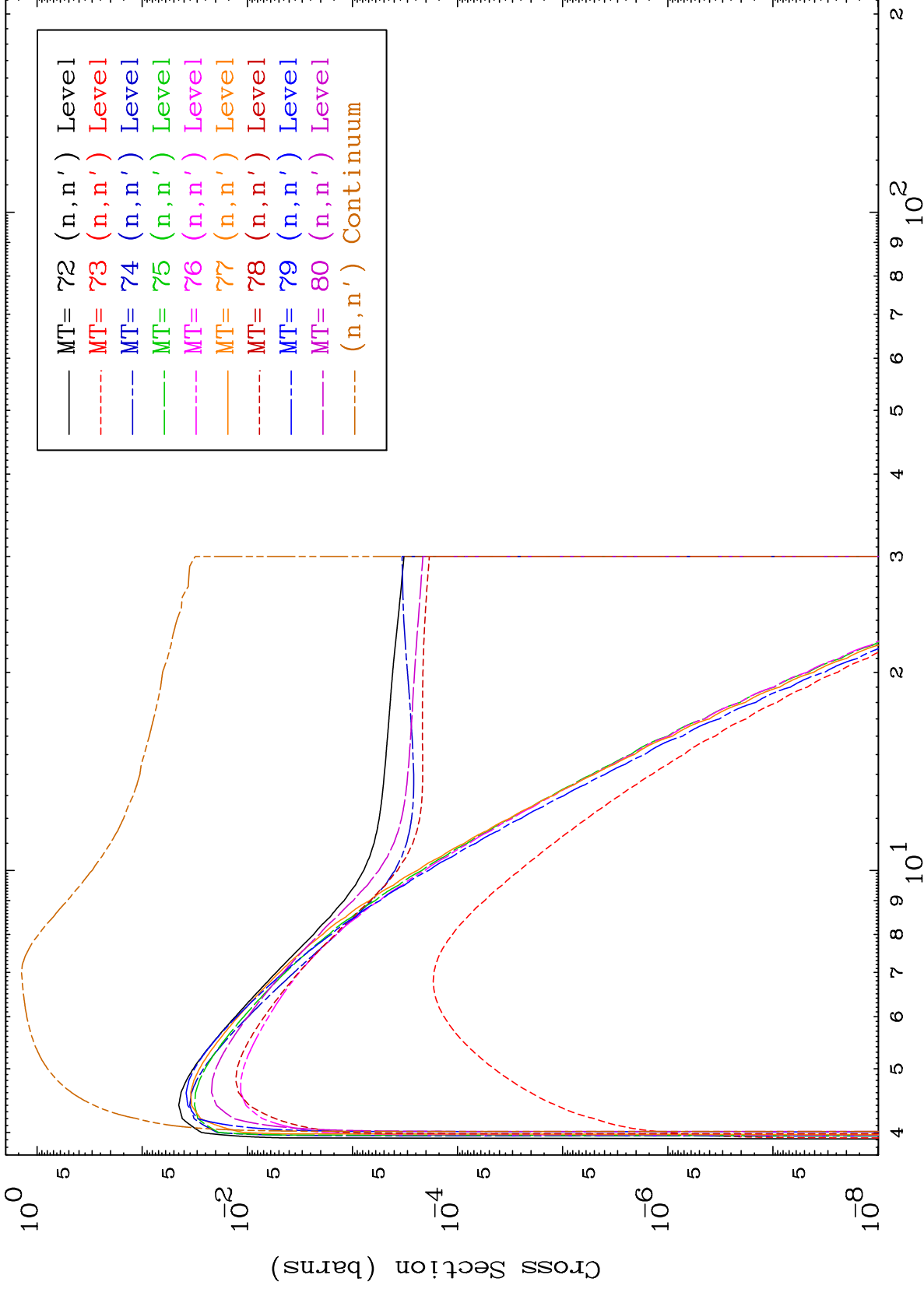
28-Ni-72

MAT 2867

(n,n') Level

293 Kelvin Cross Sections

28-Ni-72



8

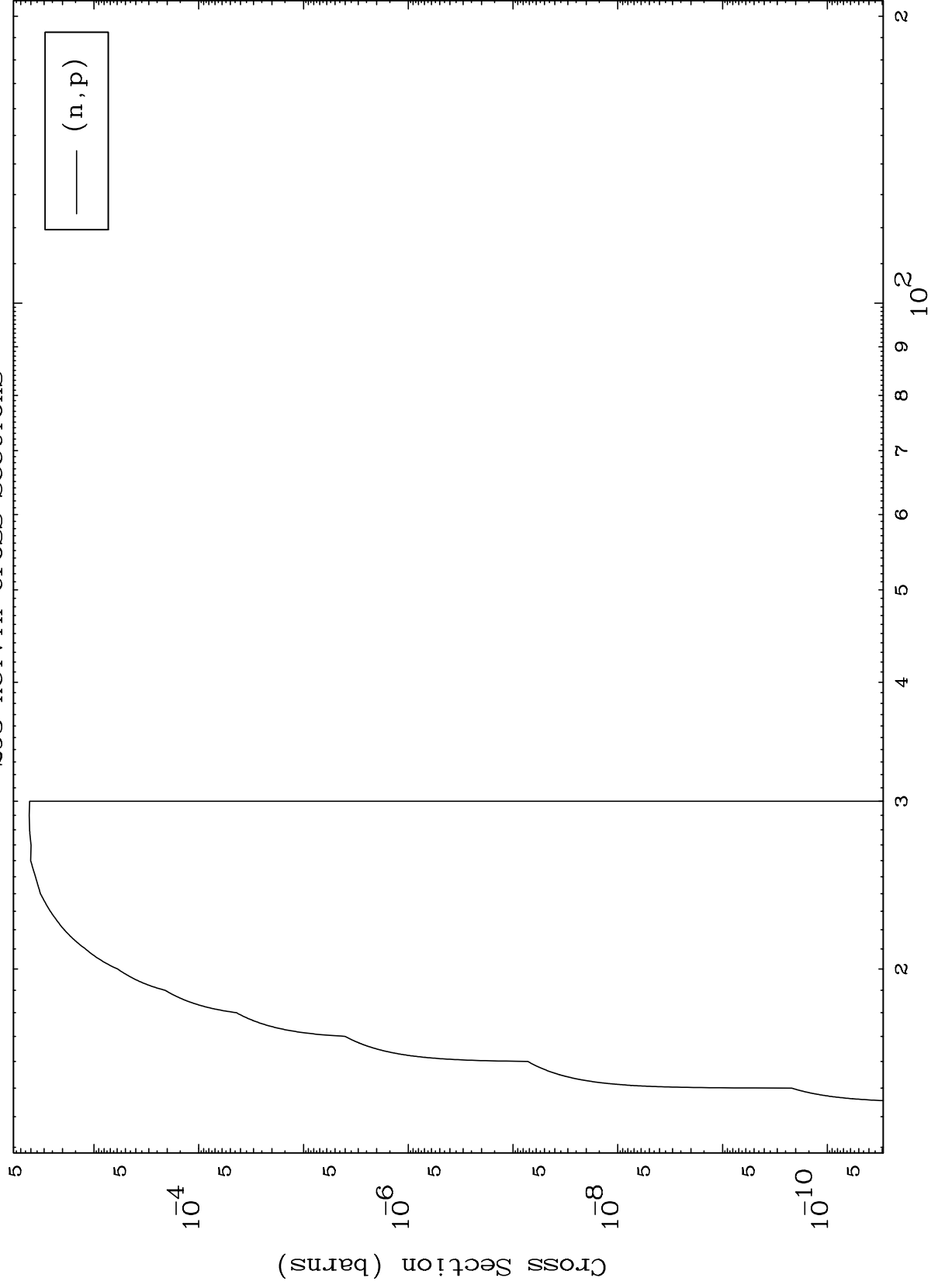
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-72



9

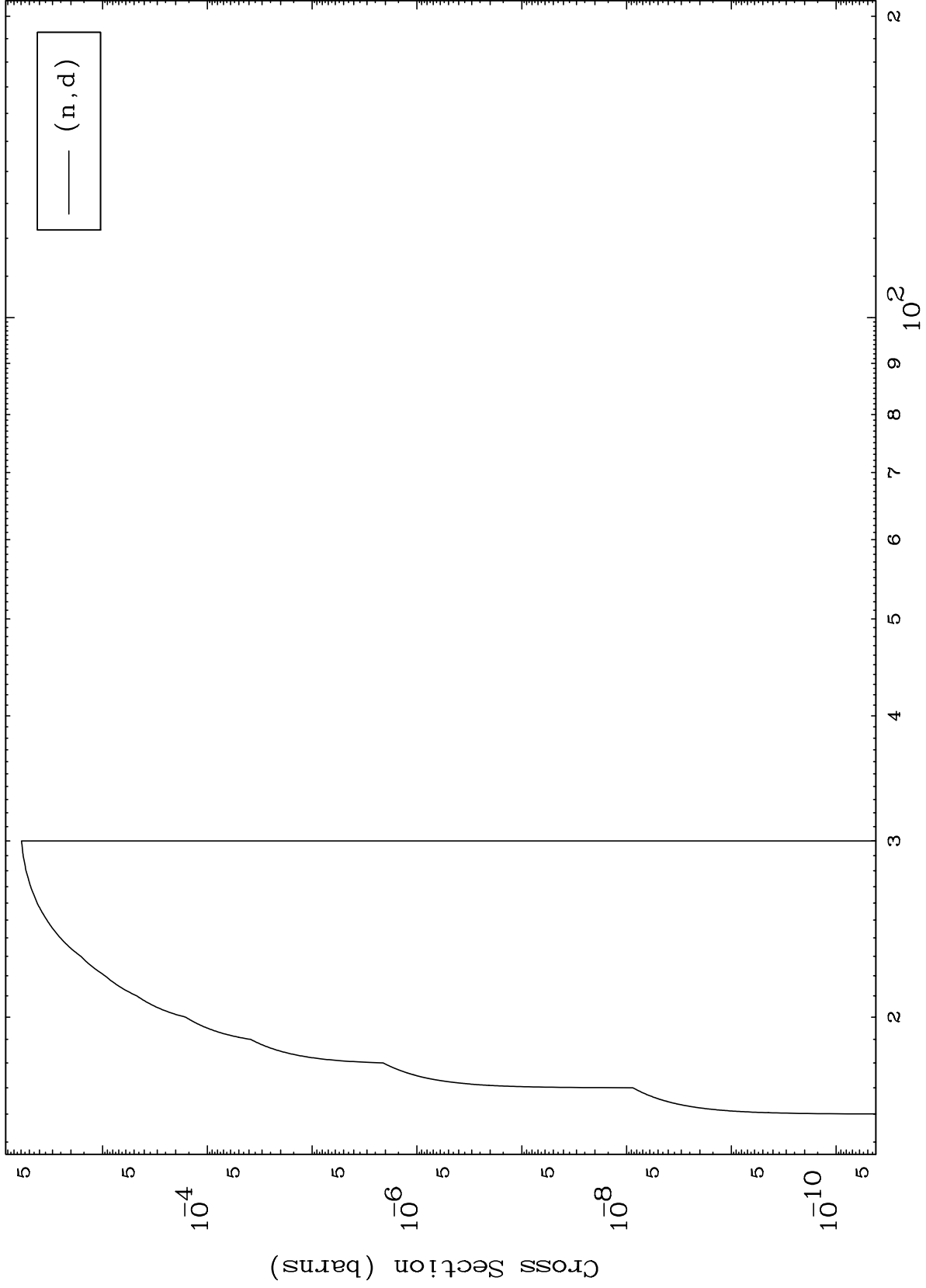
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-72



10

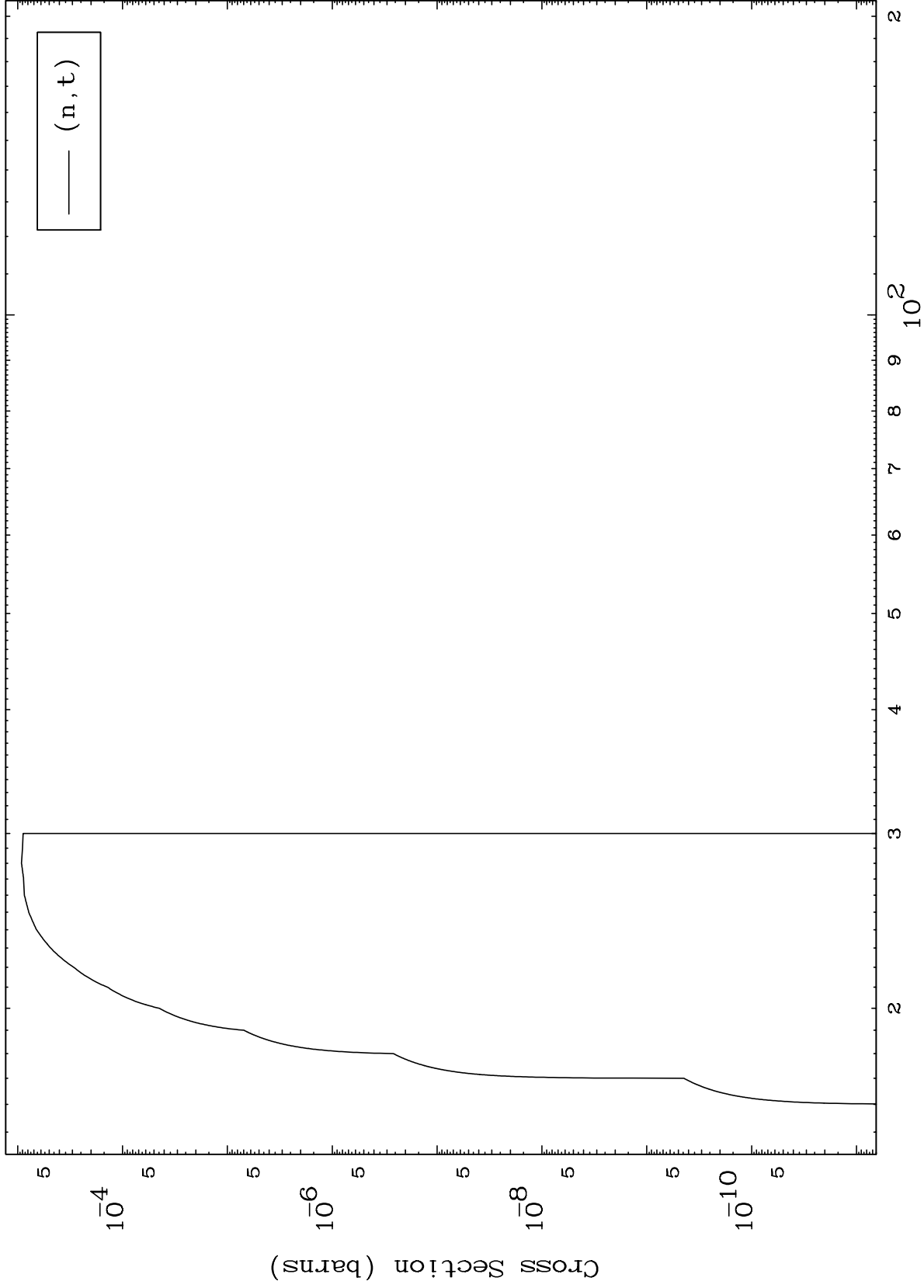
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-72



11

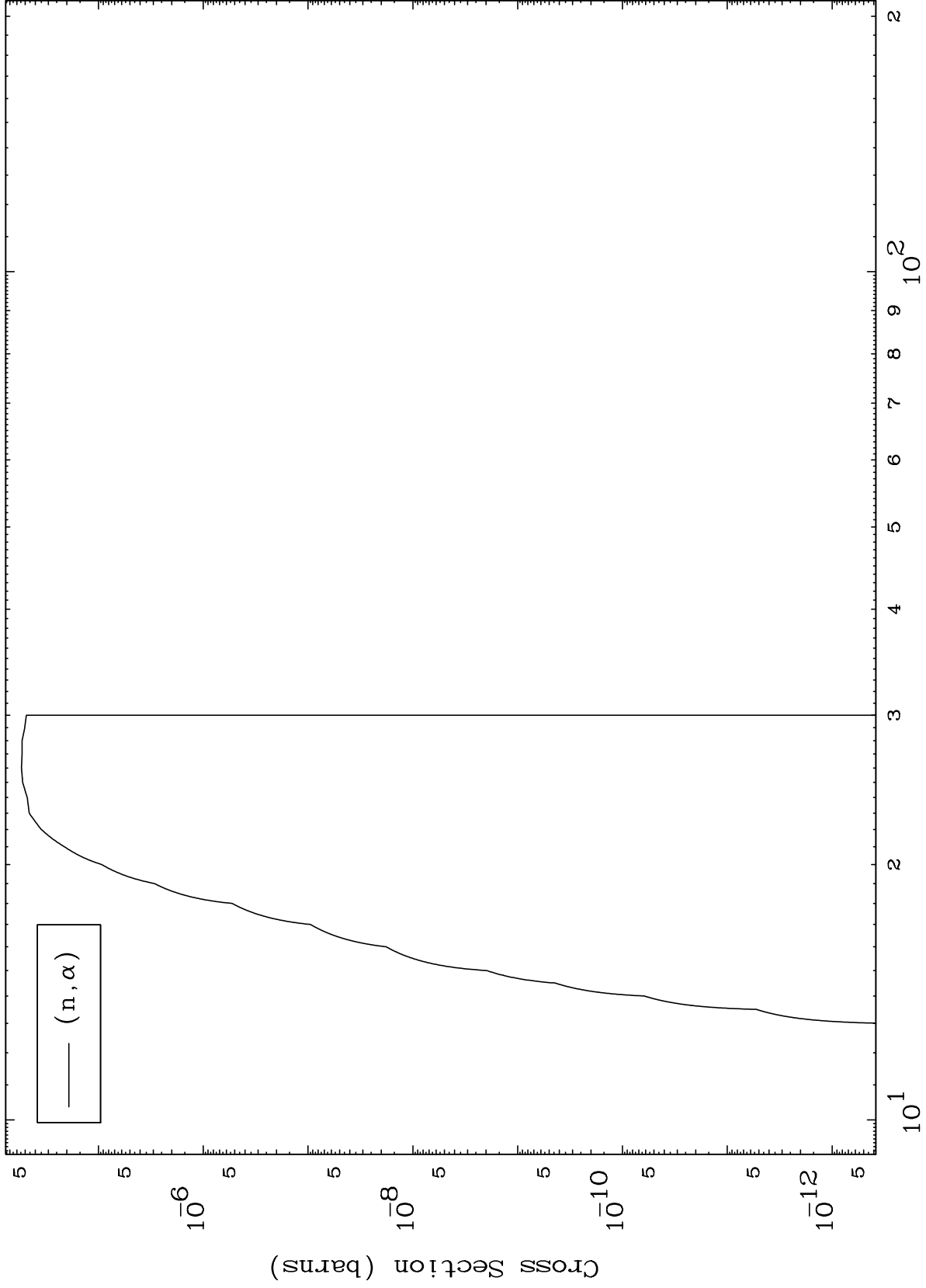
Incident Energy (MeV)

28-Ni-72

MAT 2867

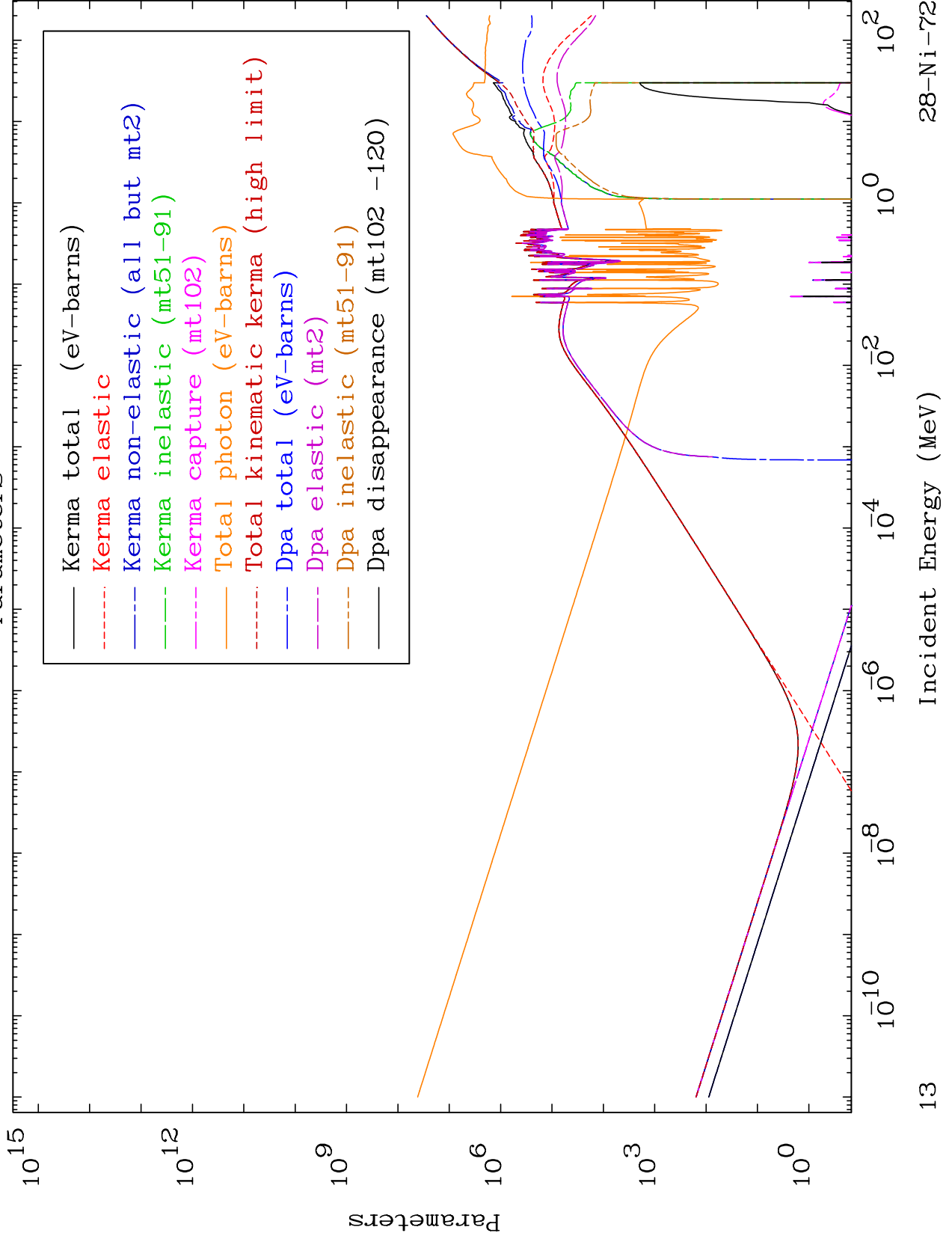
(n, α) Levels
293 Kelvin Cross Sections

28-Ni-72



Incident Energy (MeV)

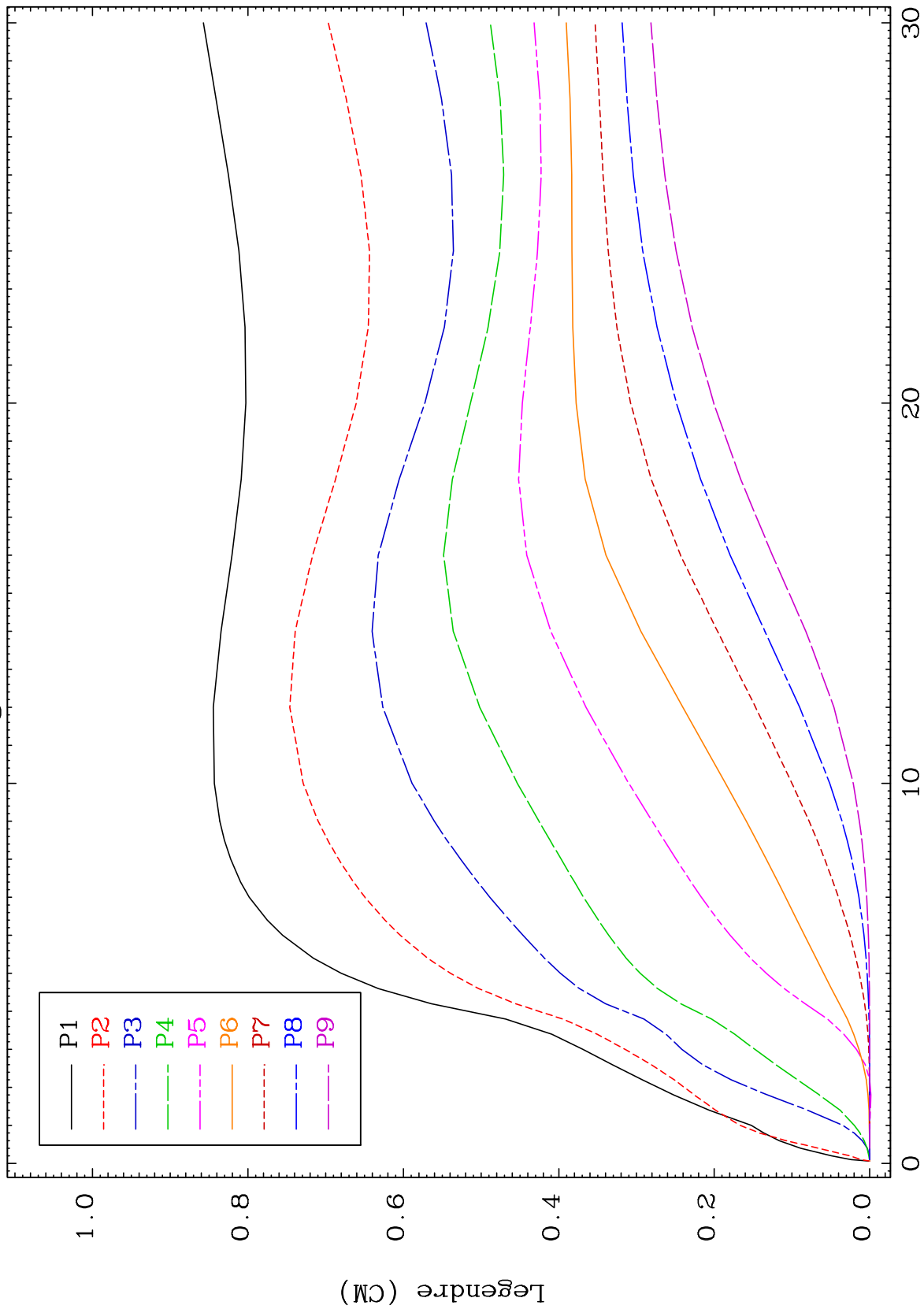
28-Ni-72



MAT 2867

Elastic Legendre Coefficients

²⁸Ni-72



14

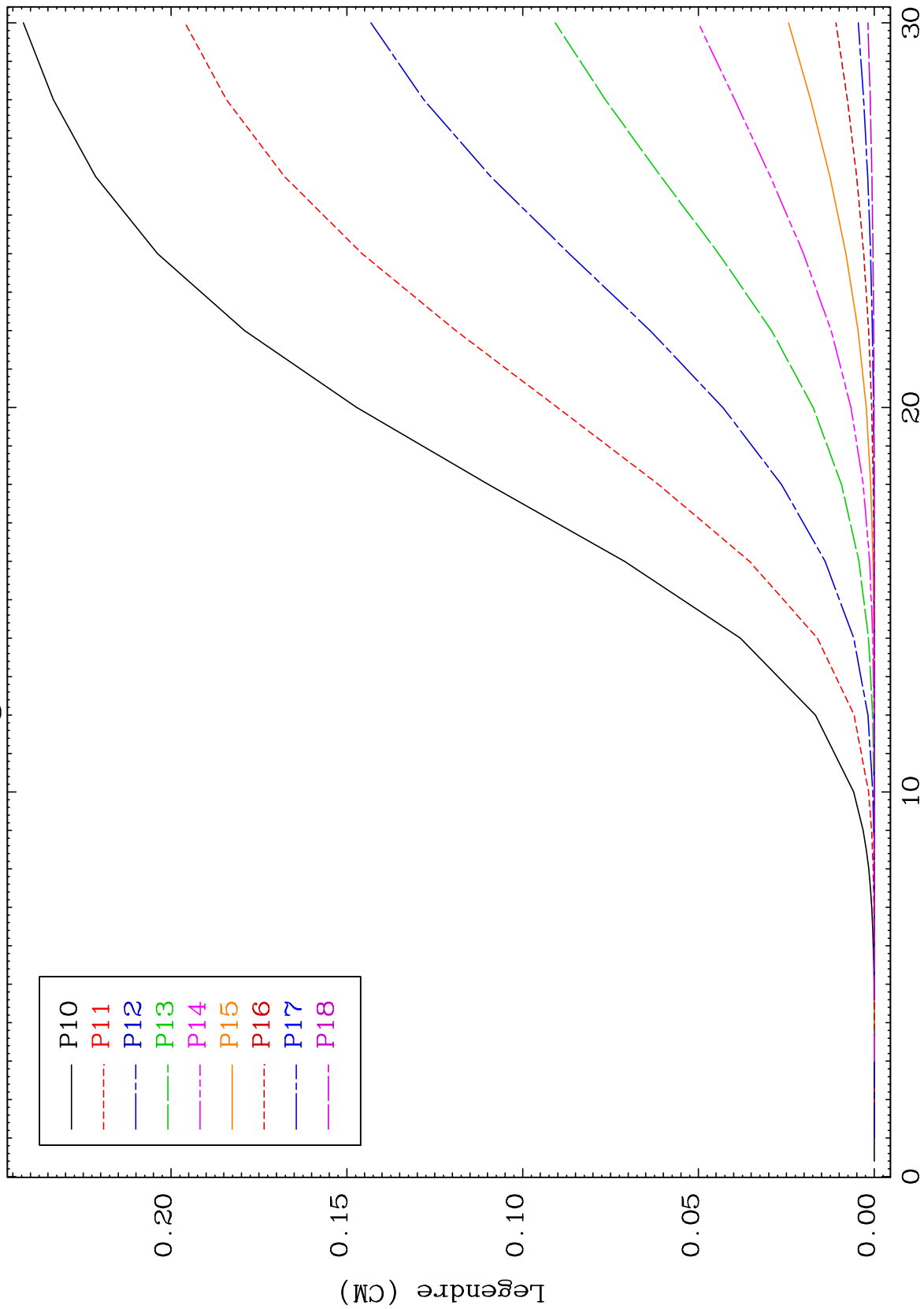
Incident Energy (MeV)

²⁸Ni-72

MAT 2867

Elastic Legendre Coefficients

28-Ni-72



15

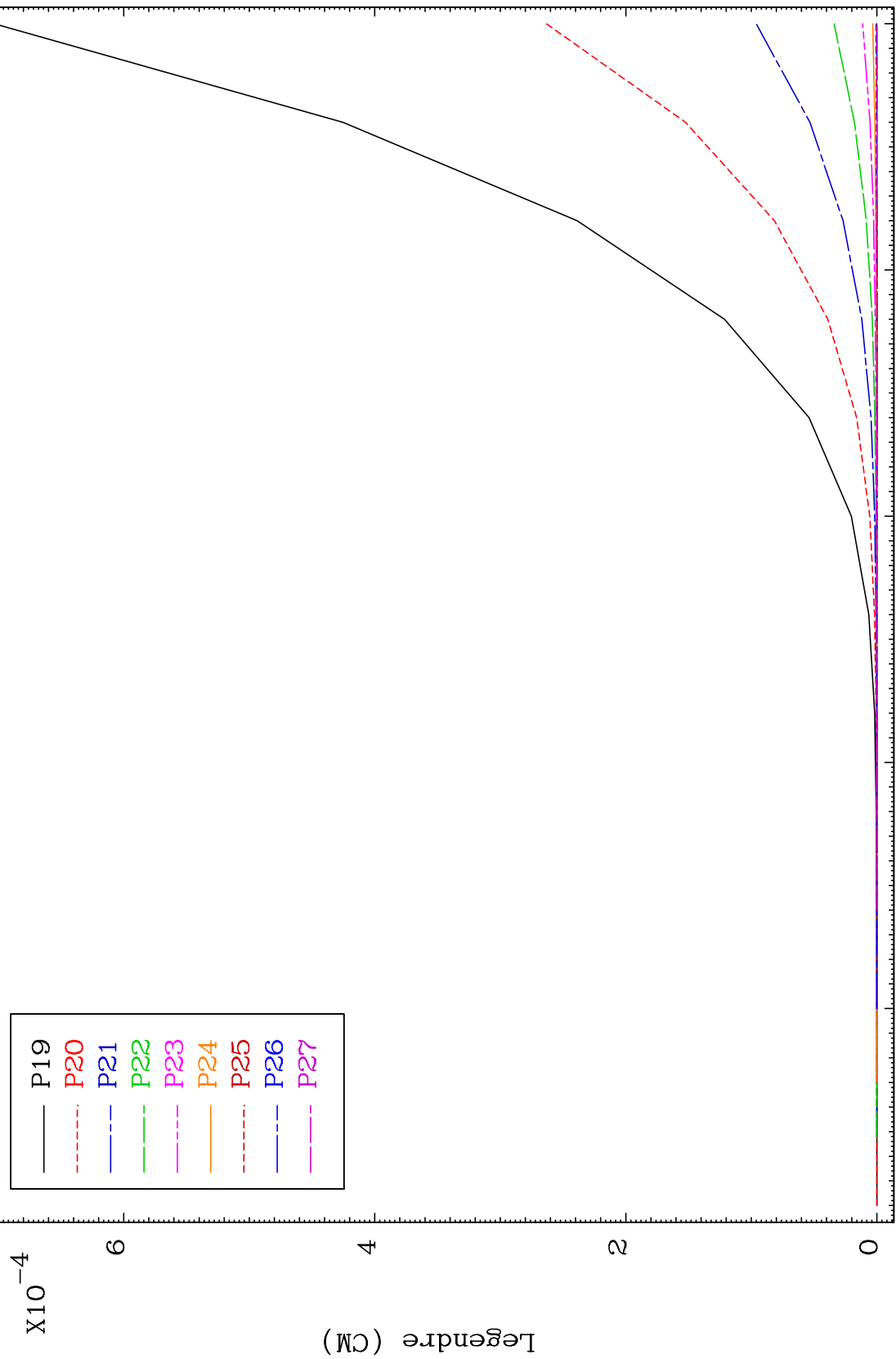
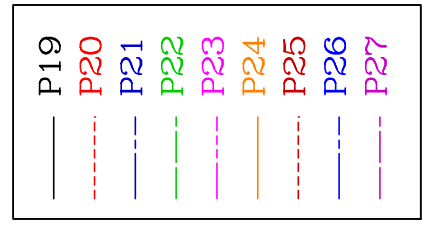
Incident Energy (MeV)

28-Ni-72

MAT 2867

Elastic Legendre Coefficients

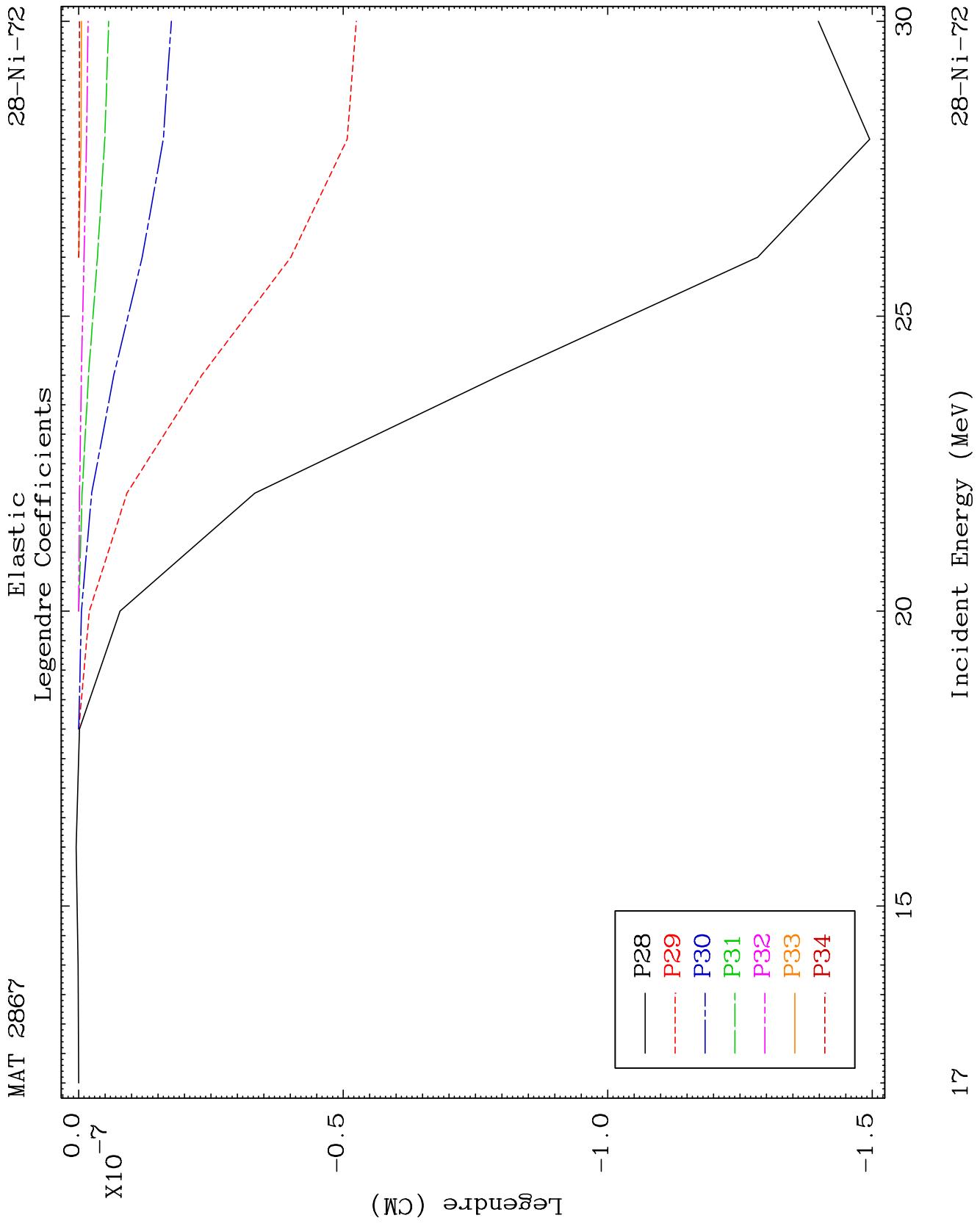
28-Ni-72

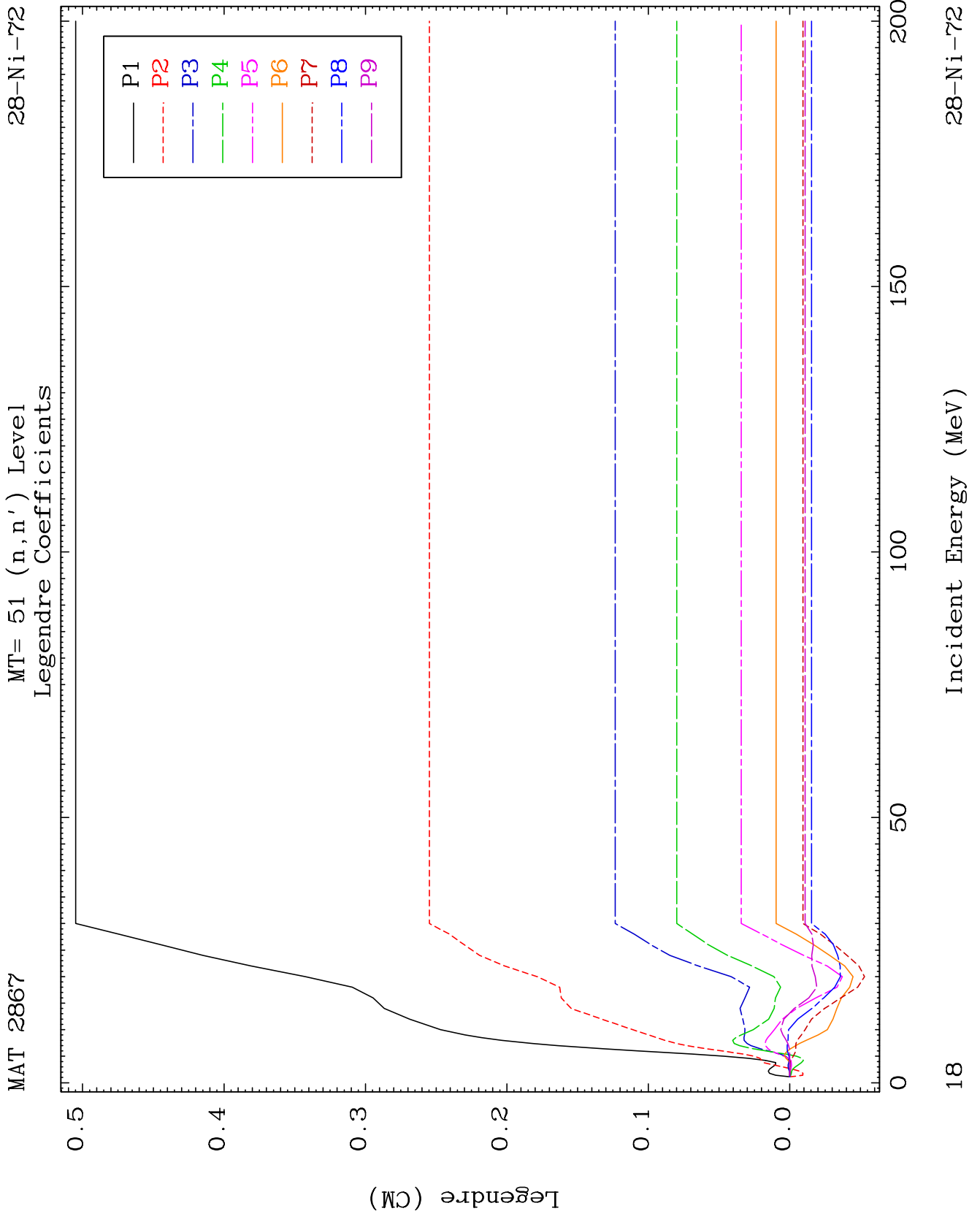


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Incident Energy (MeV)

28-Ni-72

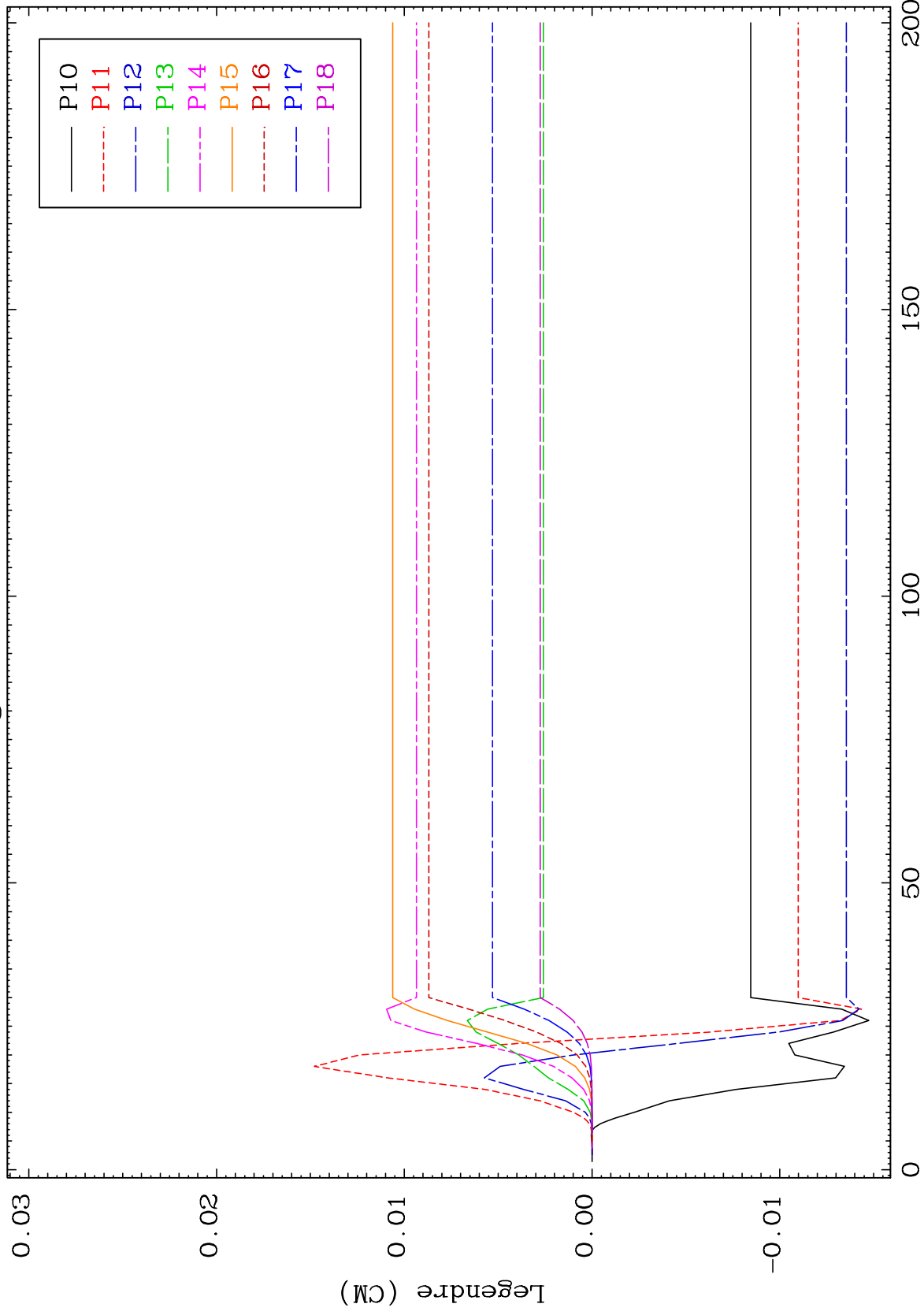




MAT 2867

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

28-Ni-72



19

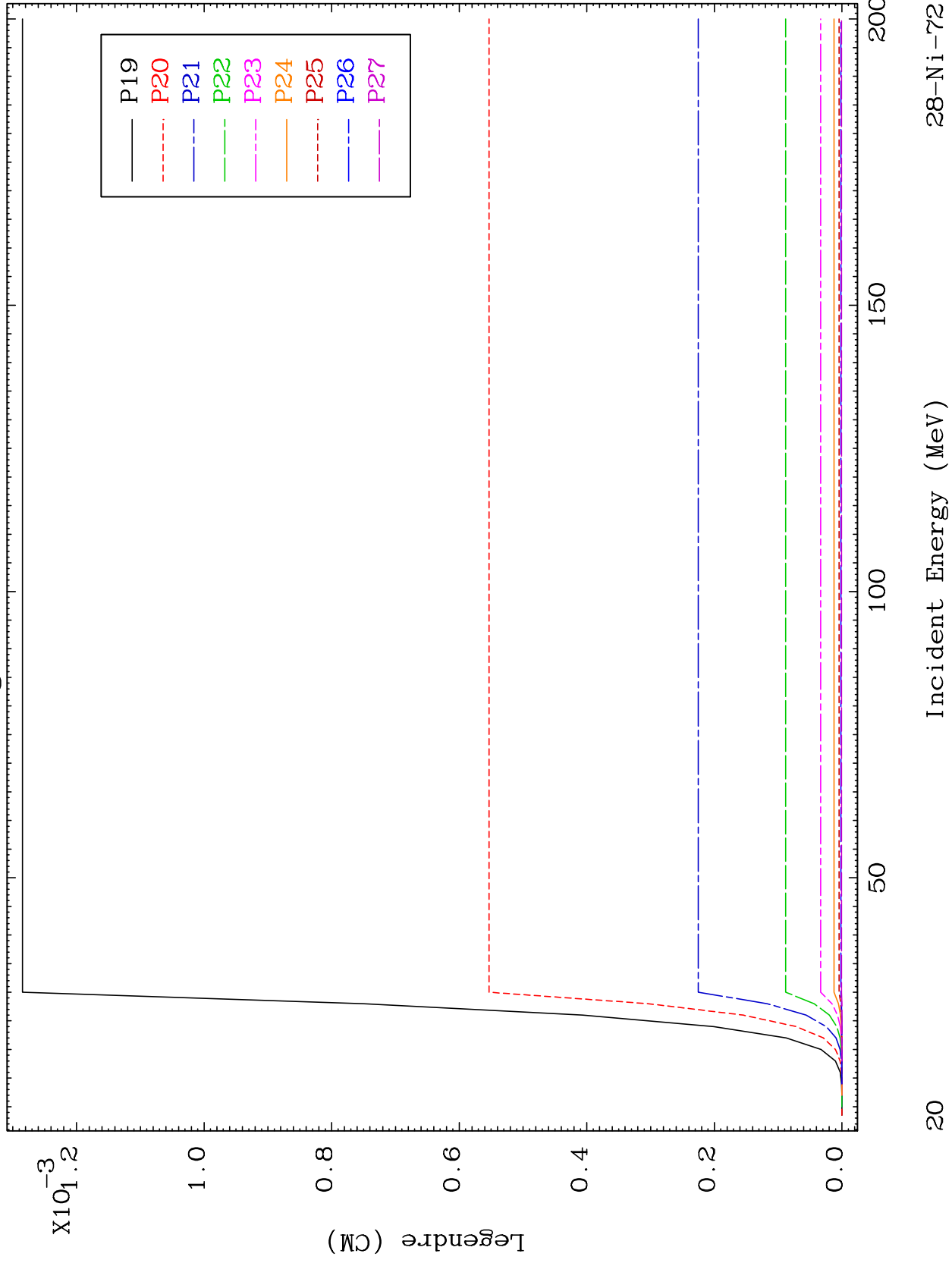
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



20

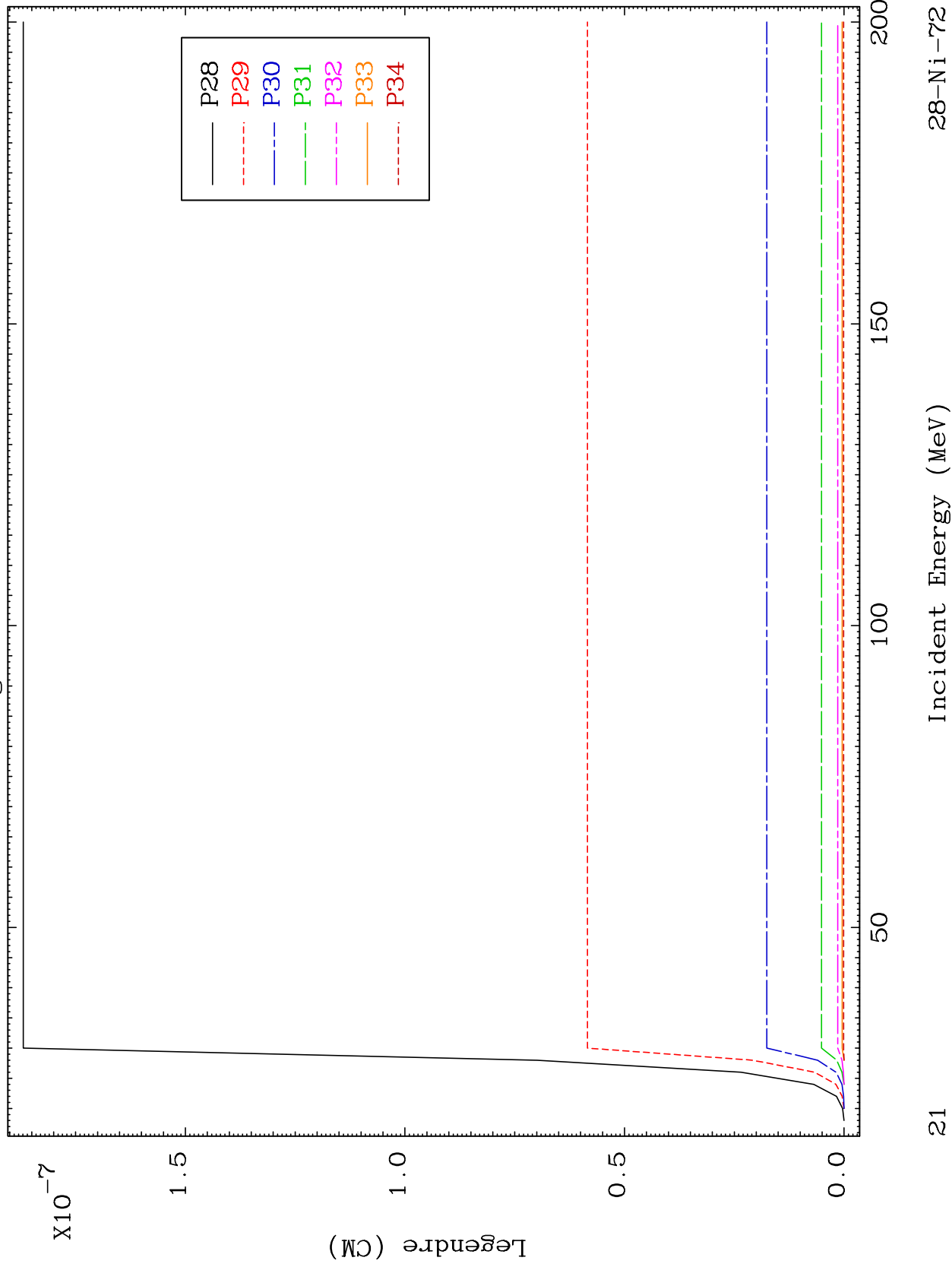
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

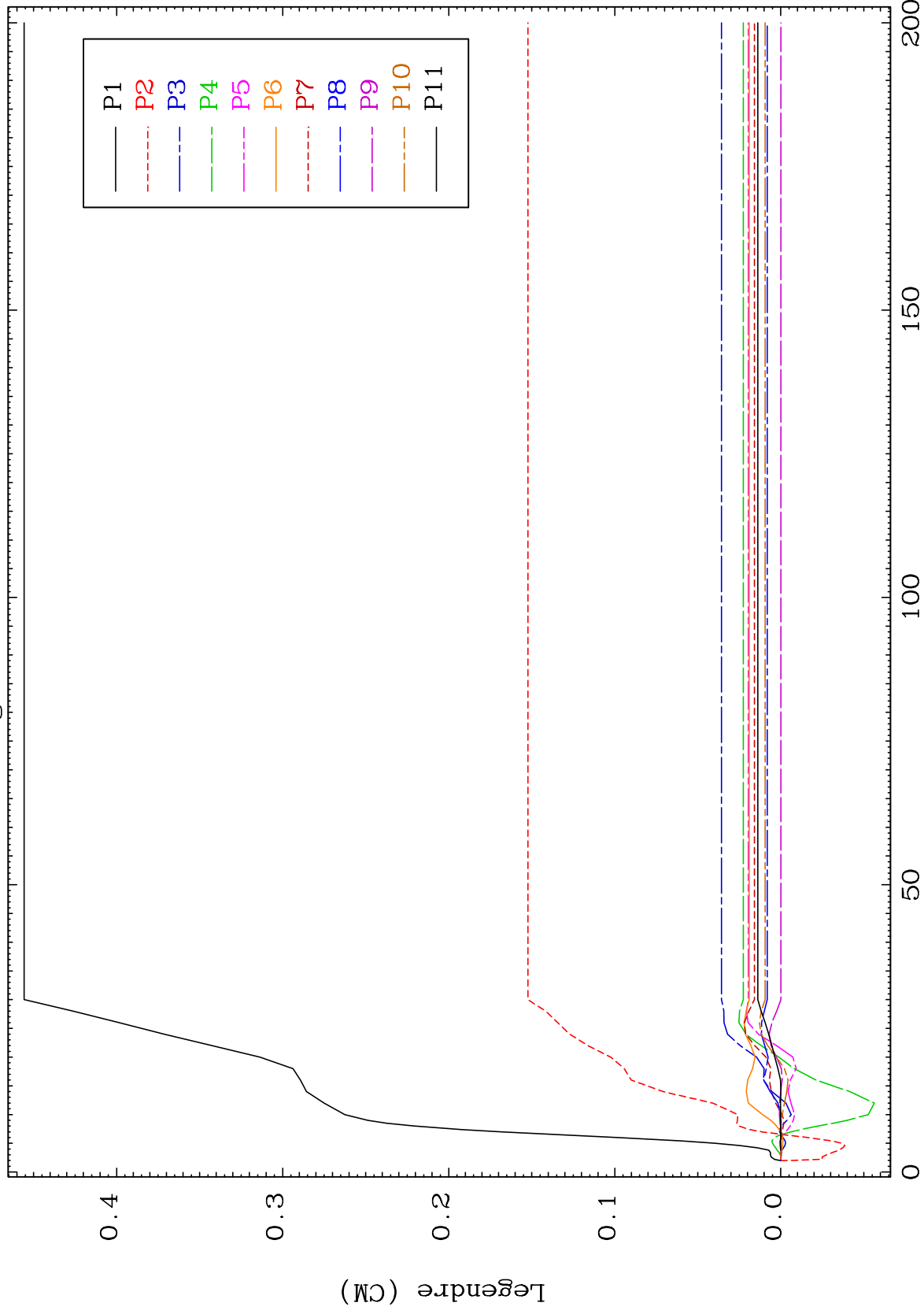


21

MAT 2867

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

28-Ni-72



22

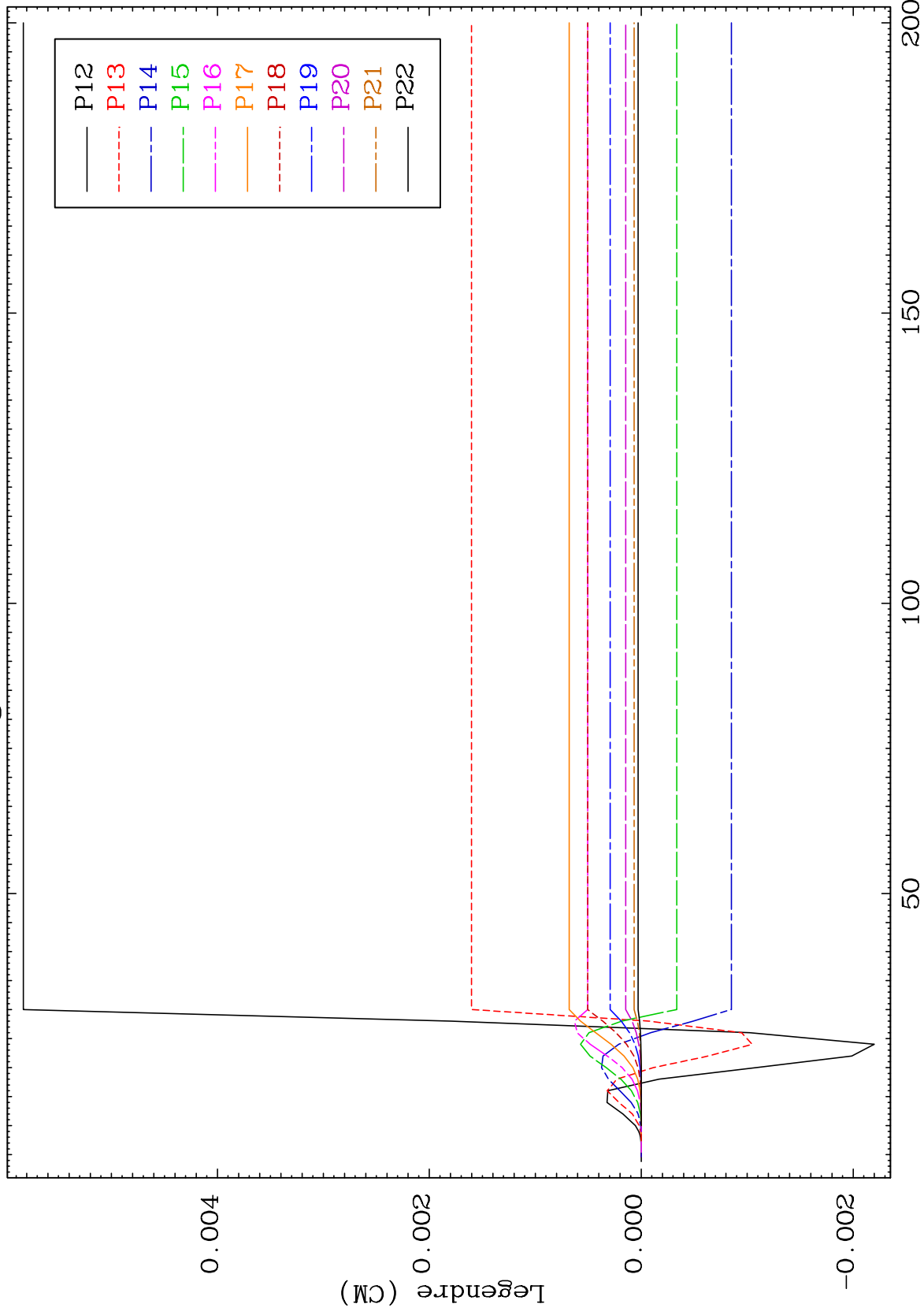
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



23

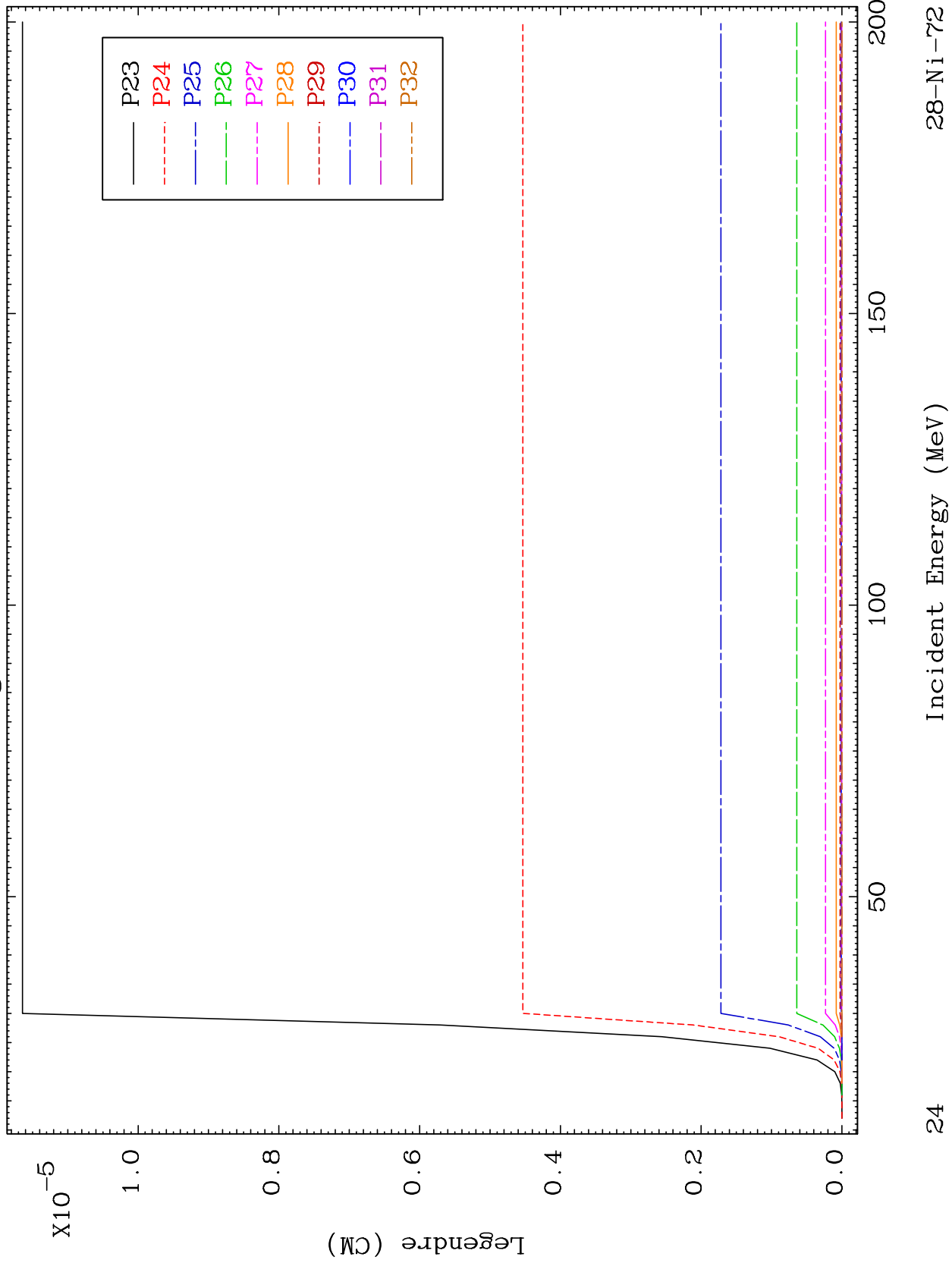
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

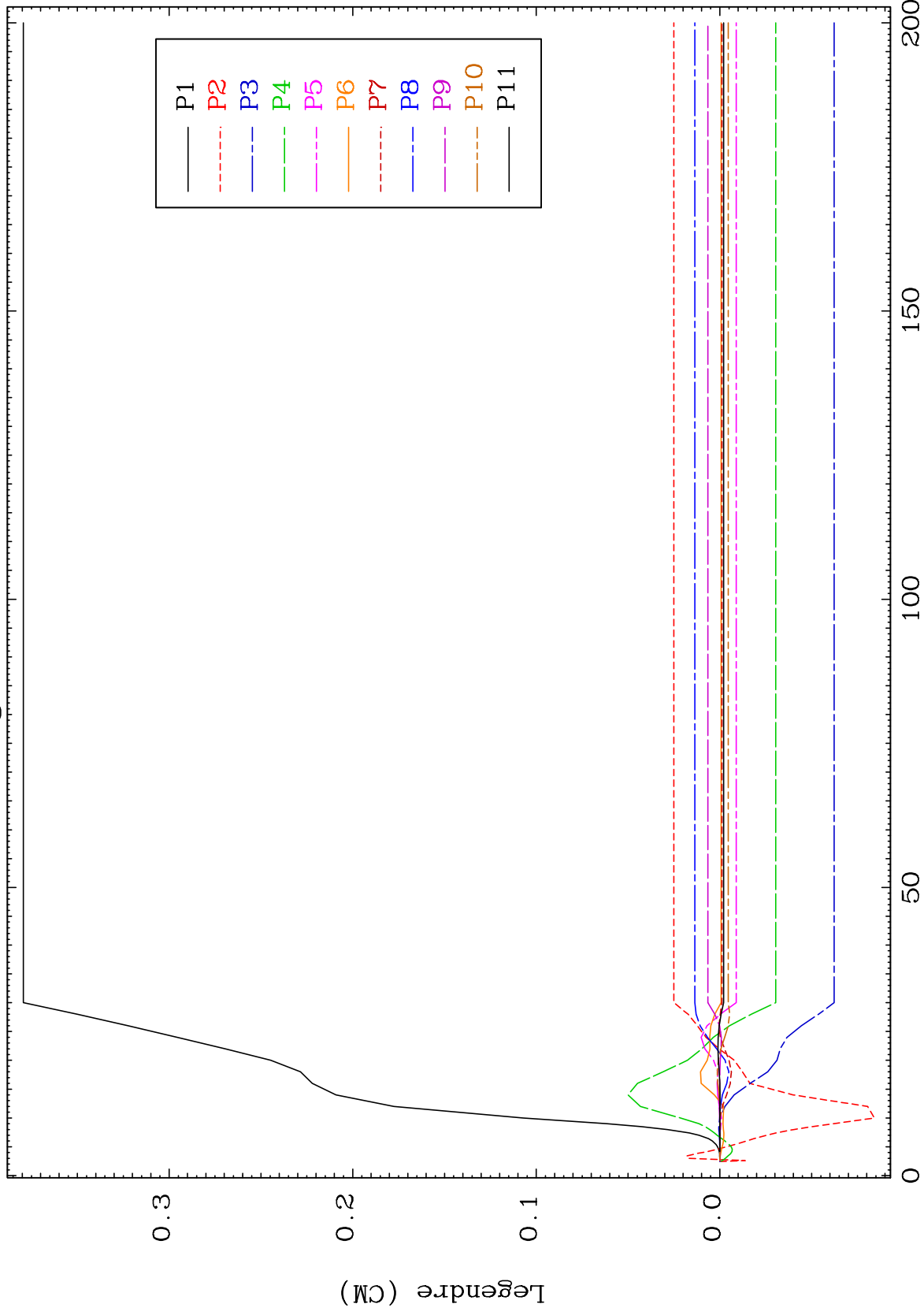
28-Ni-72



MAT 2867

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

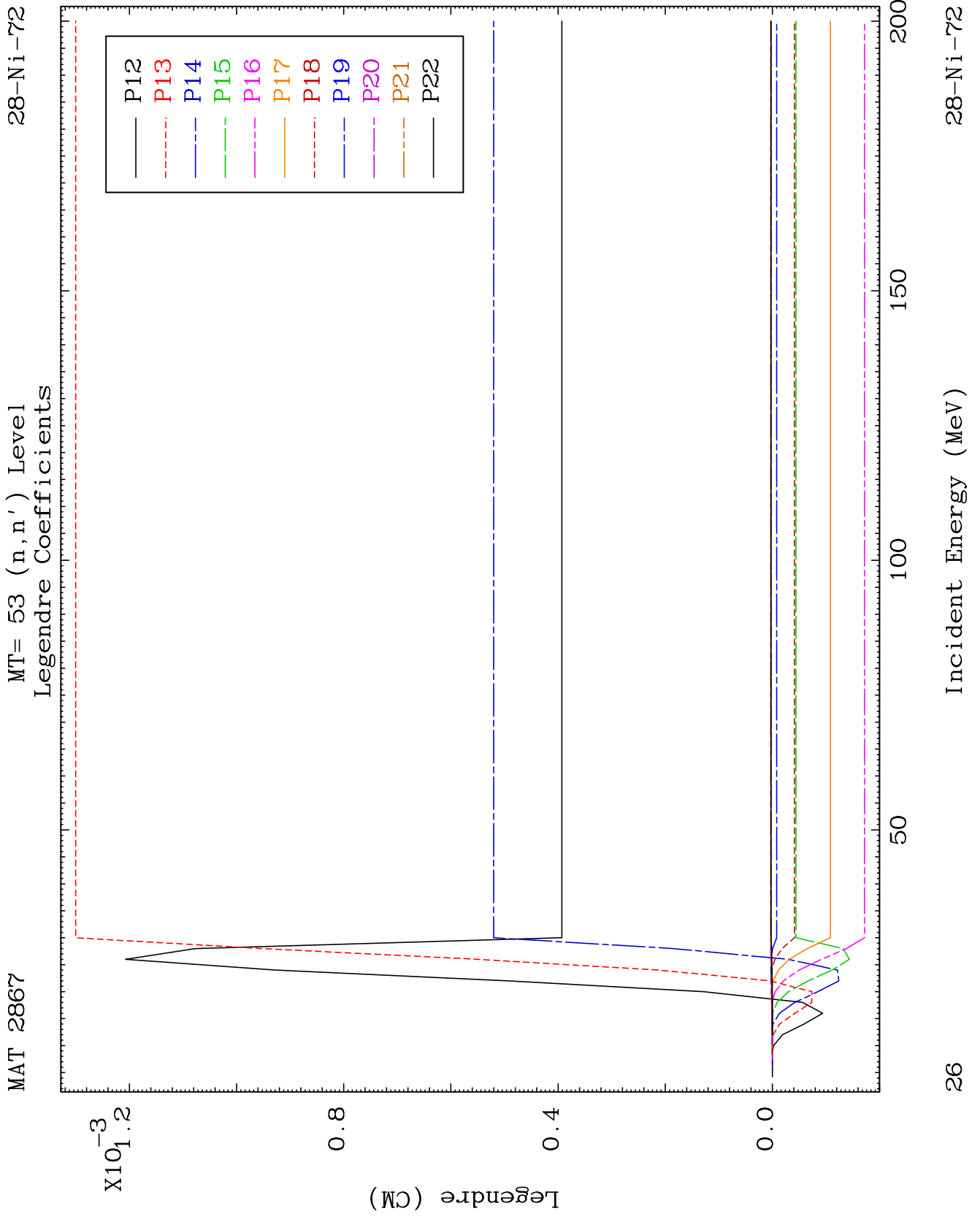
28-Ni-72



28-Ni-72

Incident Energy (MeV)

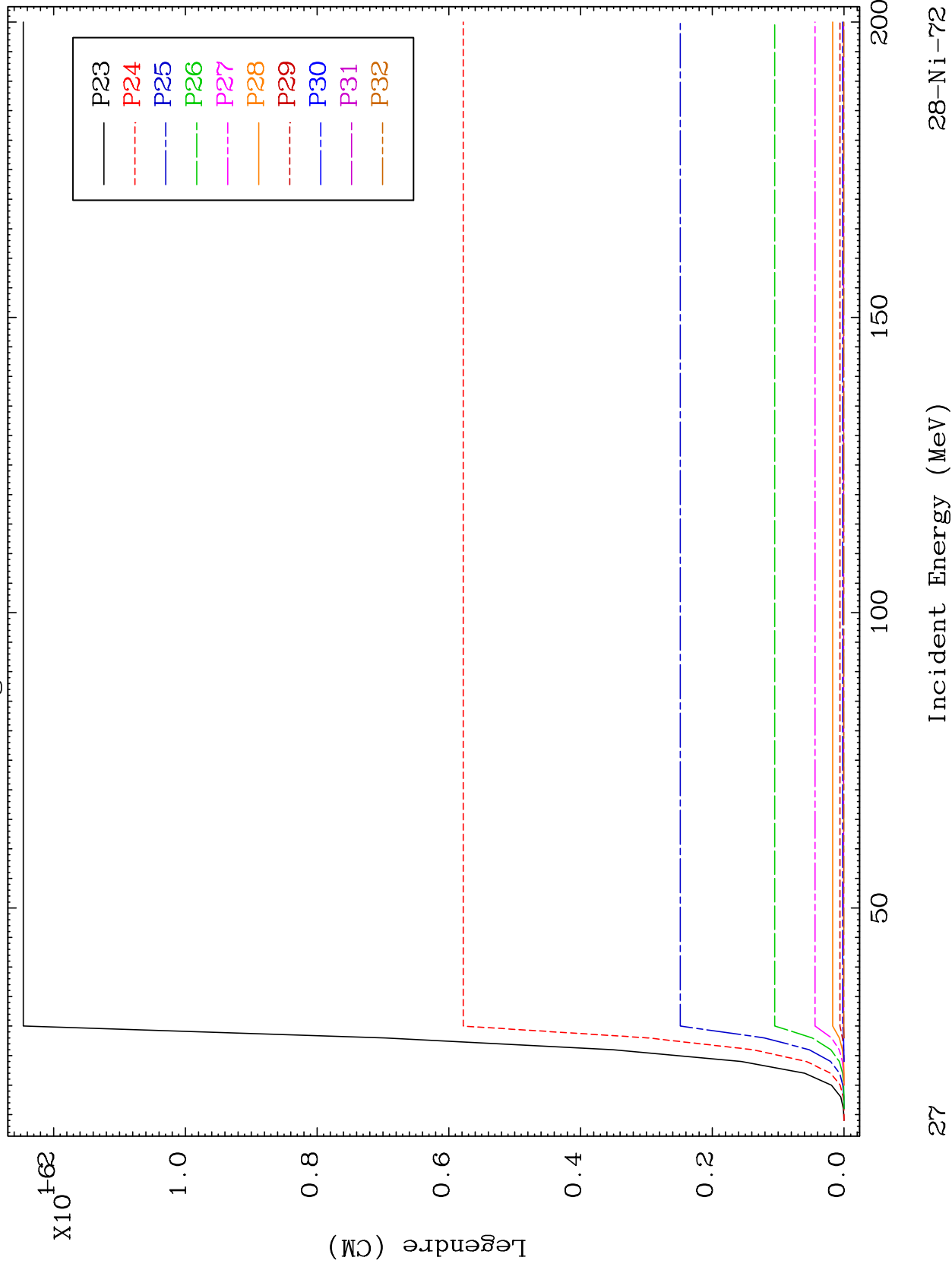
25



MAT 2867

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

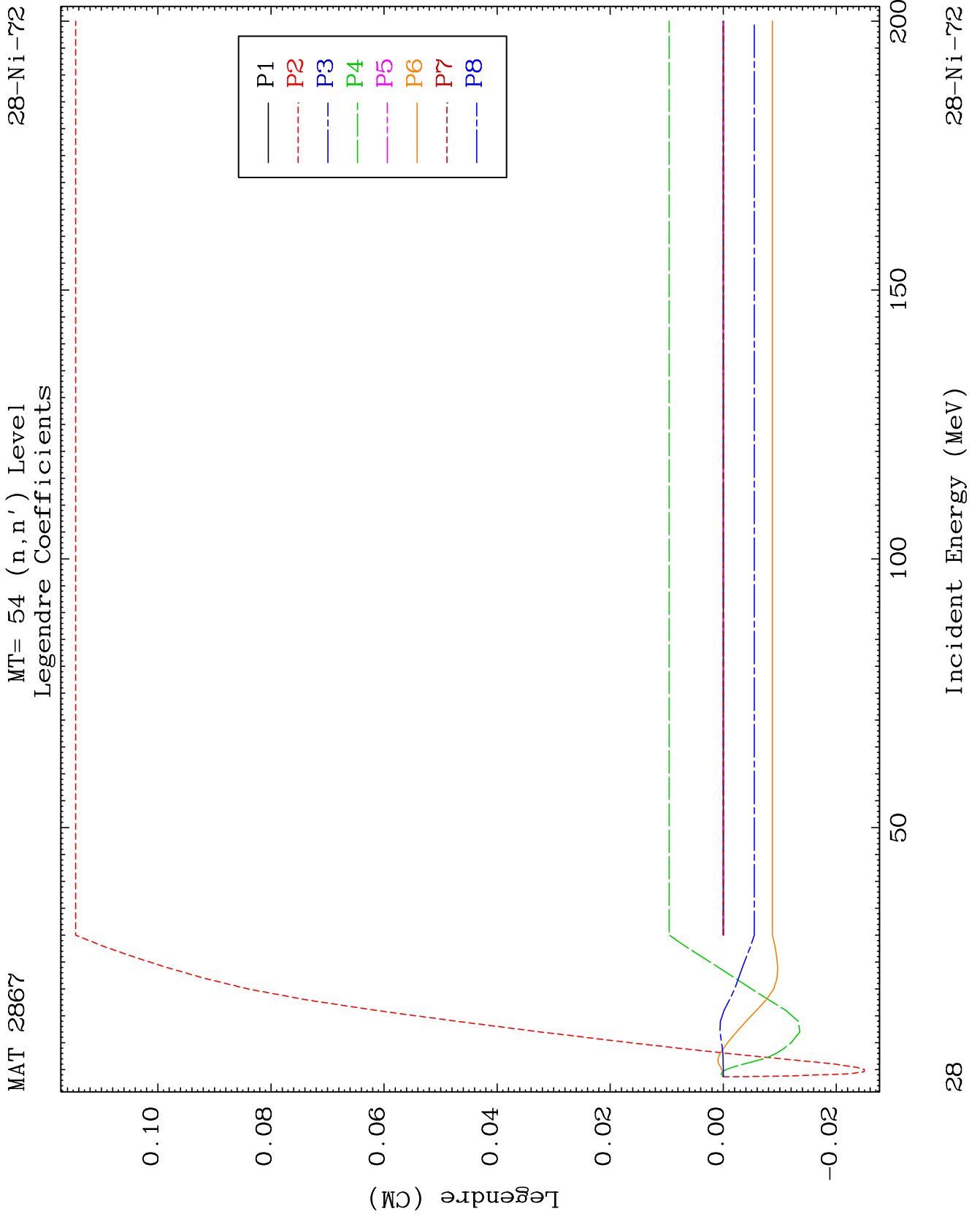
28-Ni-72



27

Incident Energy (MeV)

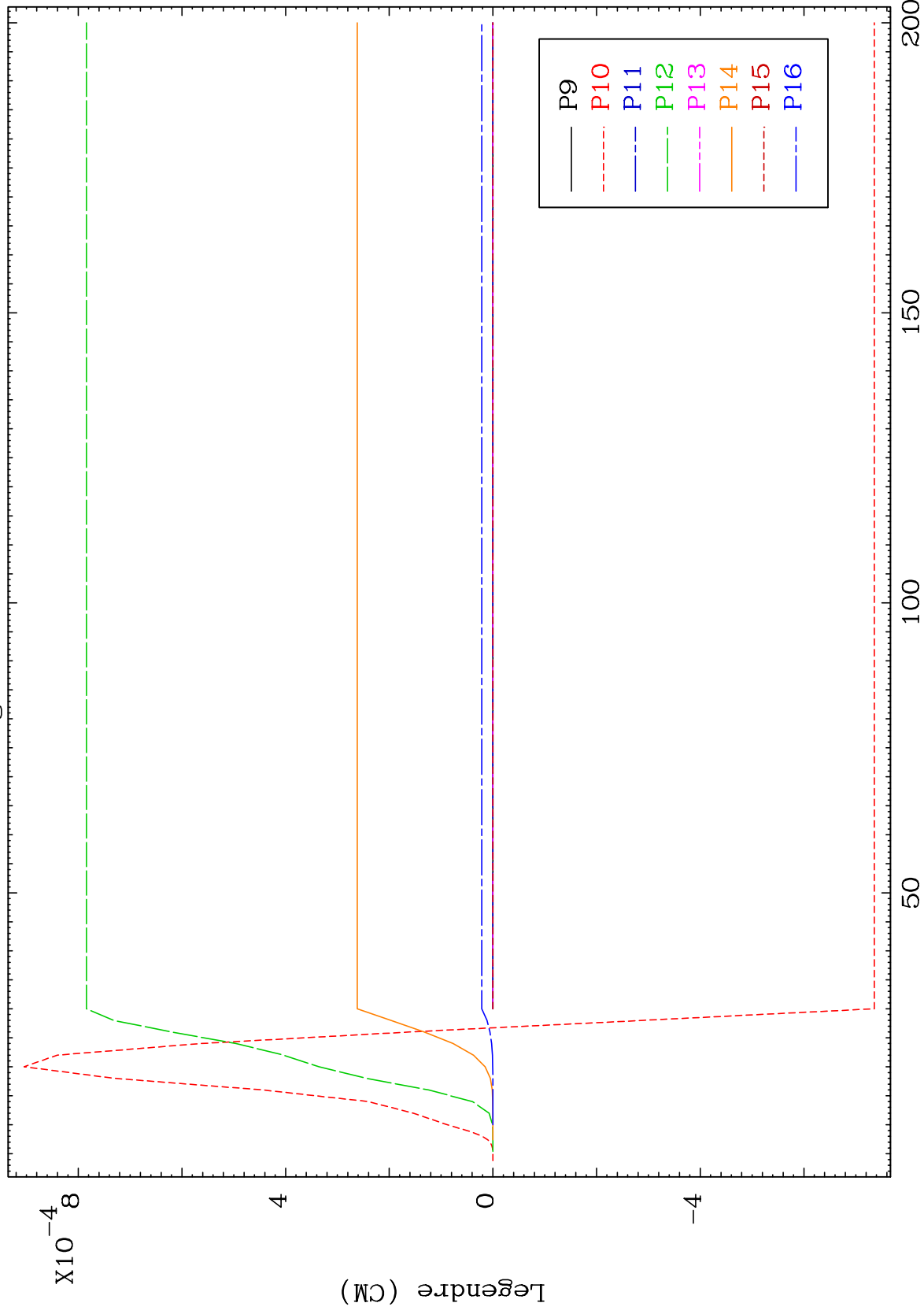
28-Ni-72



MAT 2867

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

28-Ni-72



29

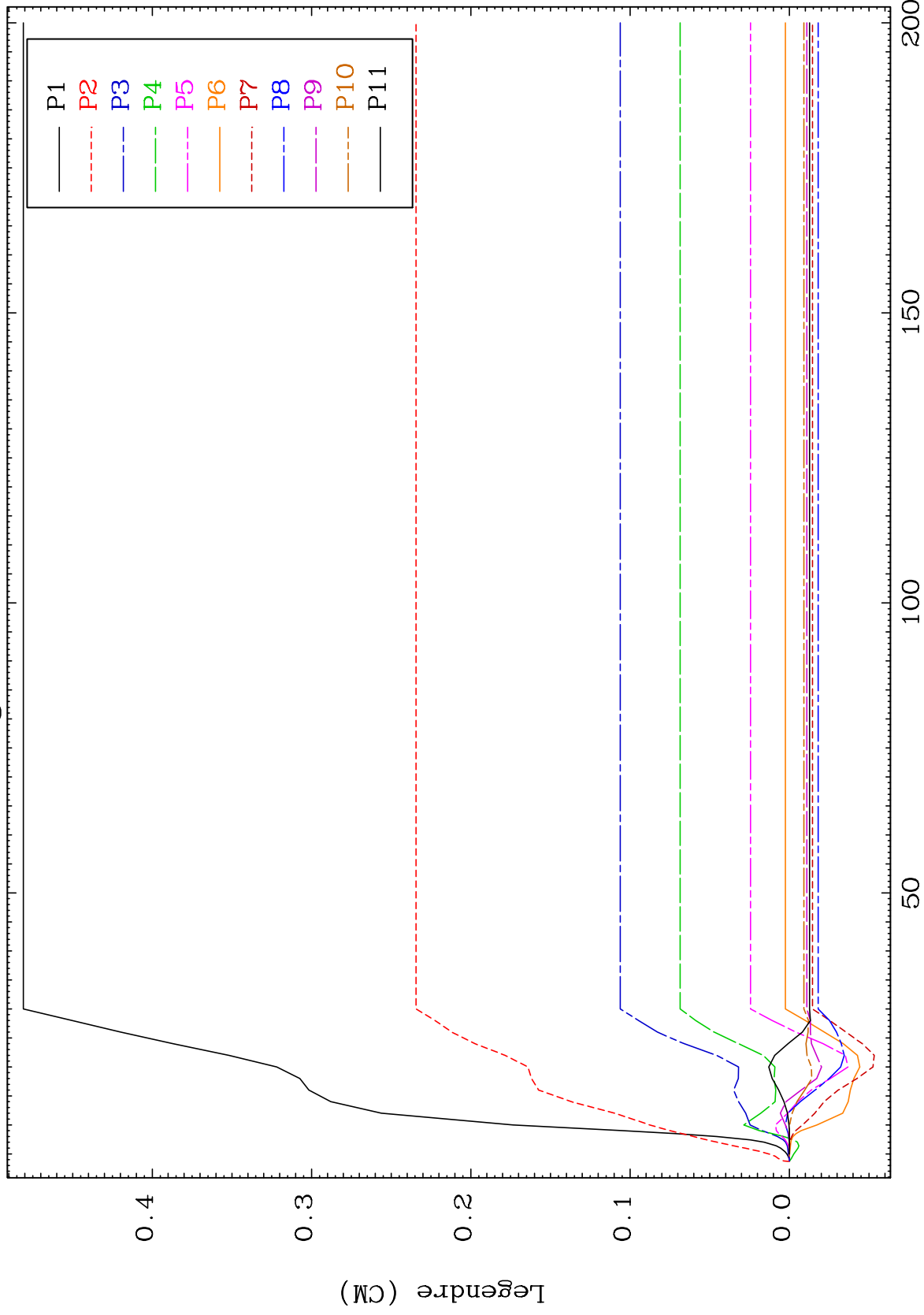
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



31

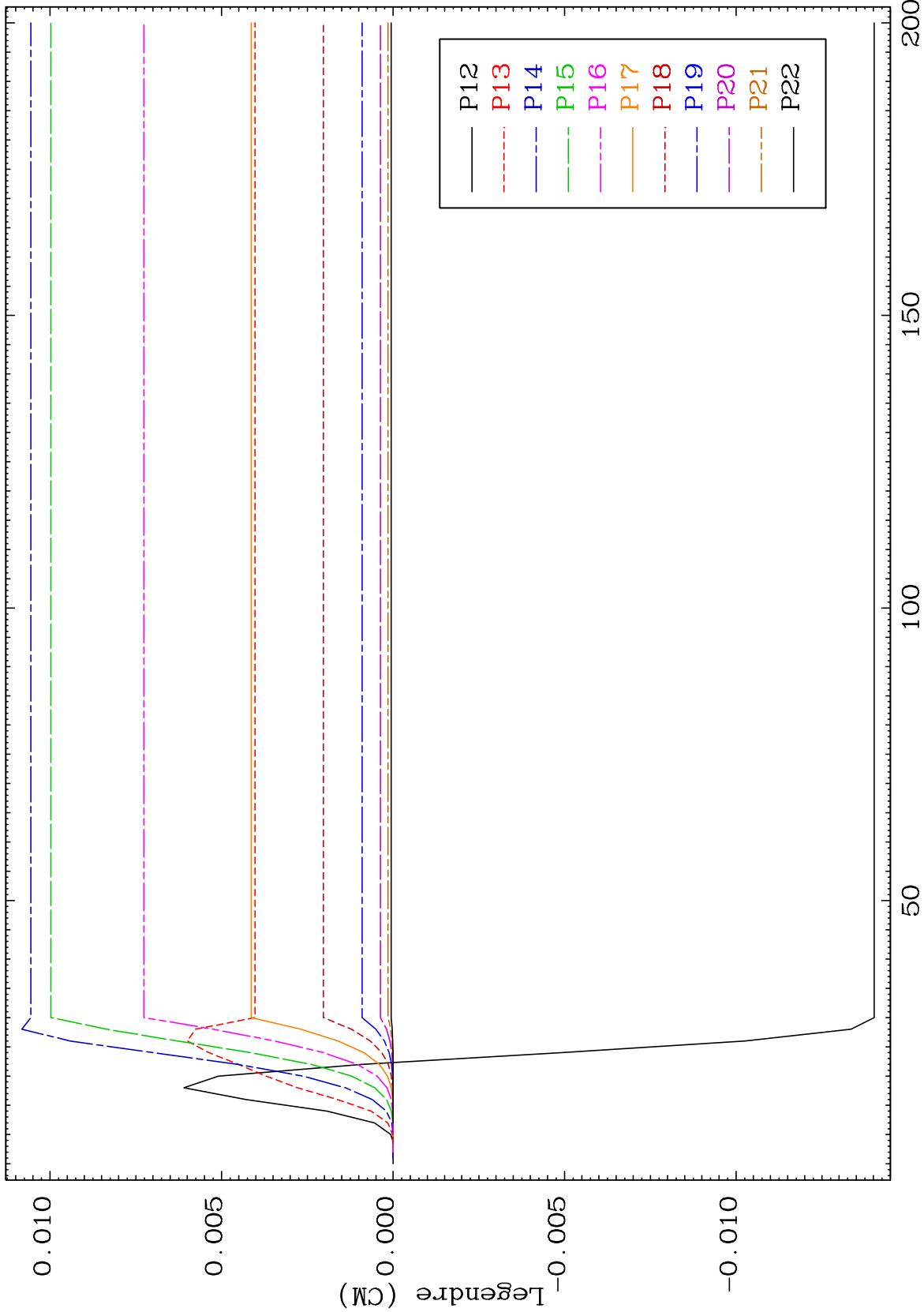
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



32

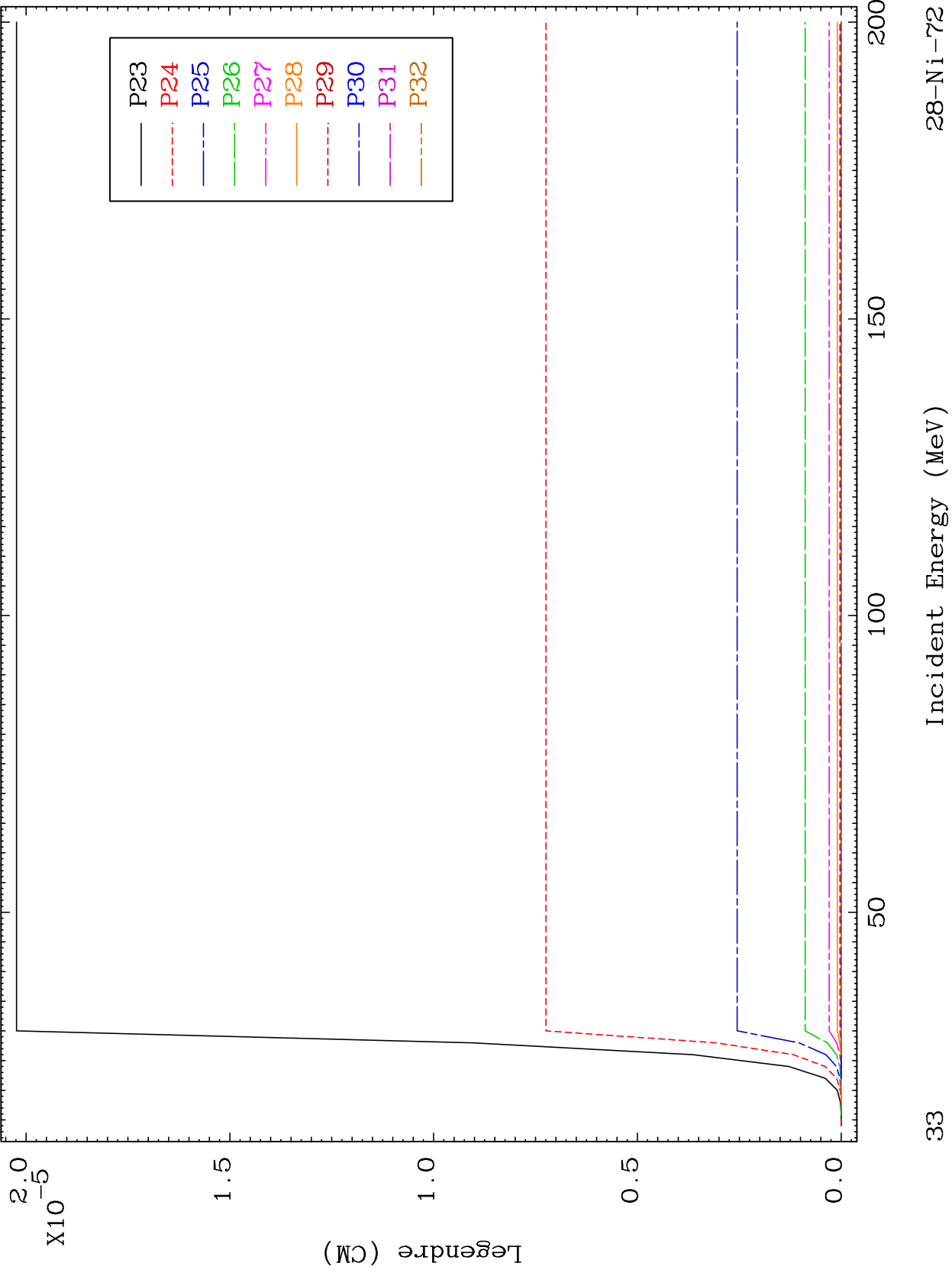
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



33

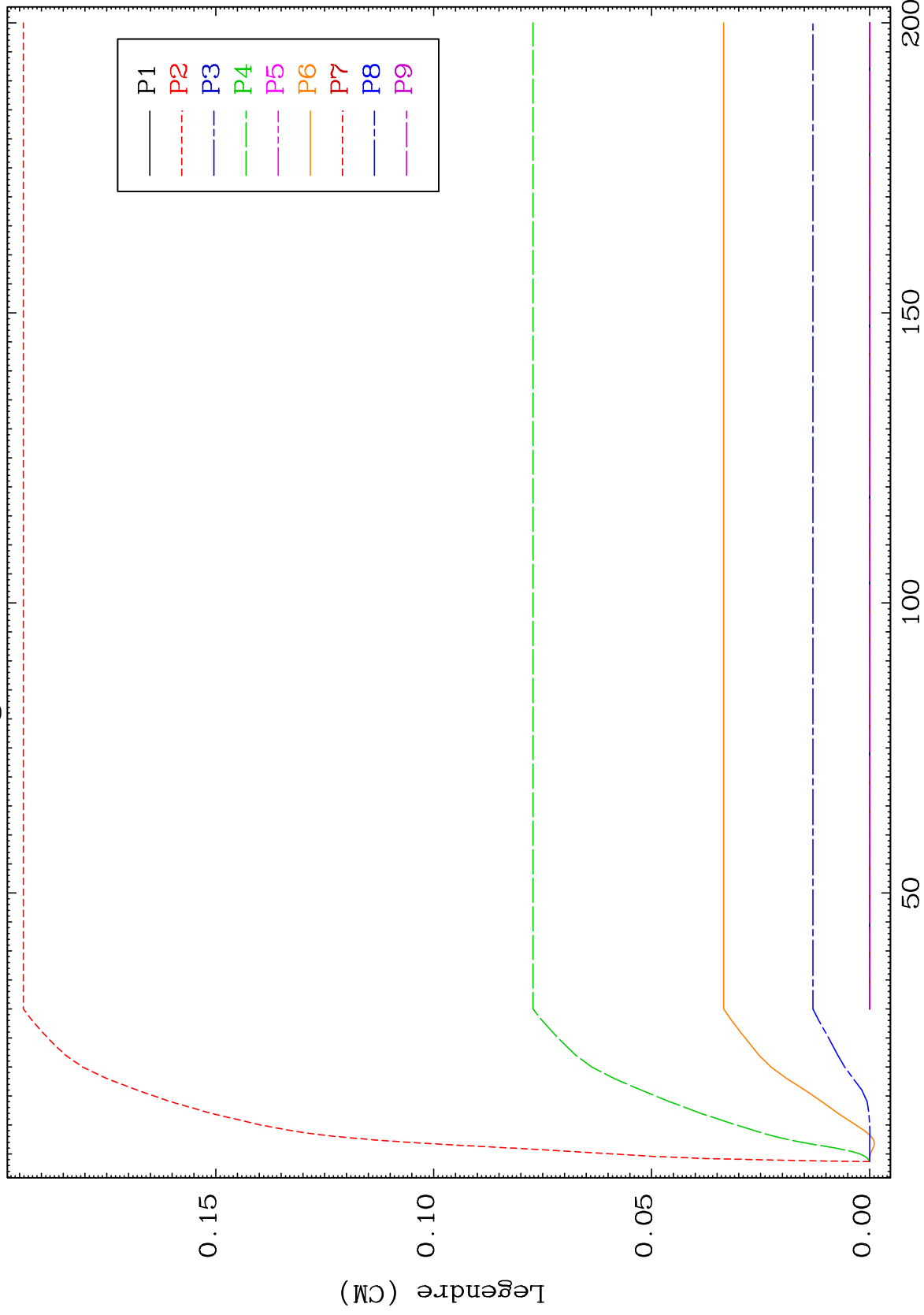
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



34

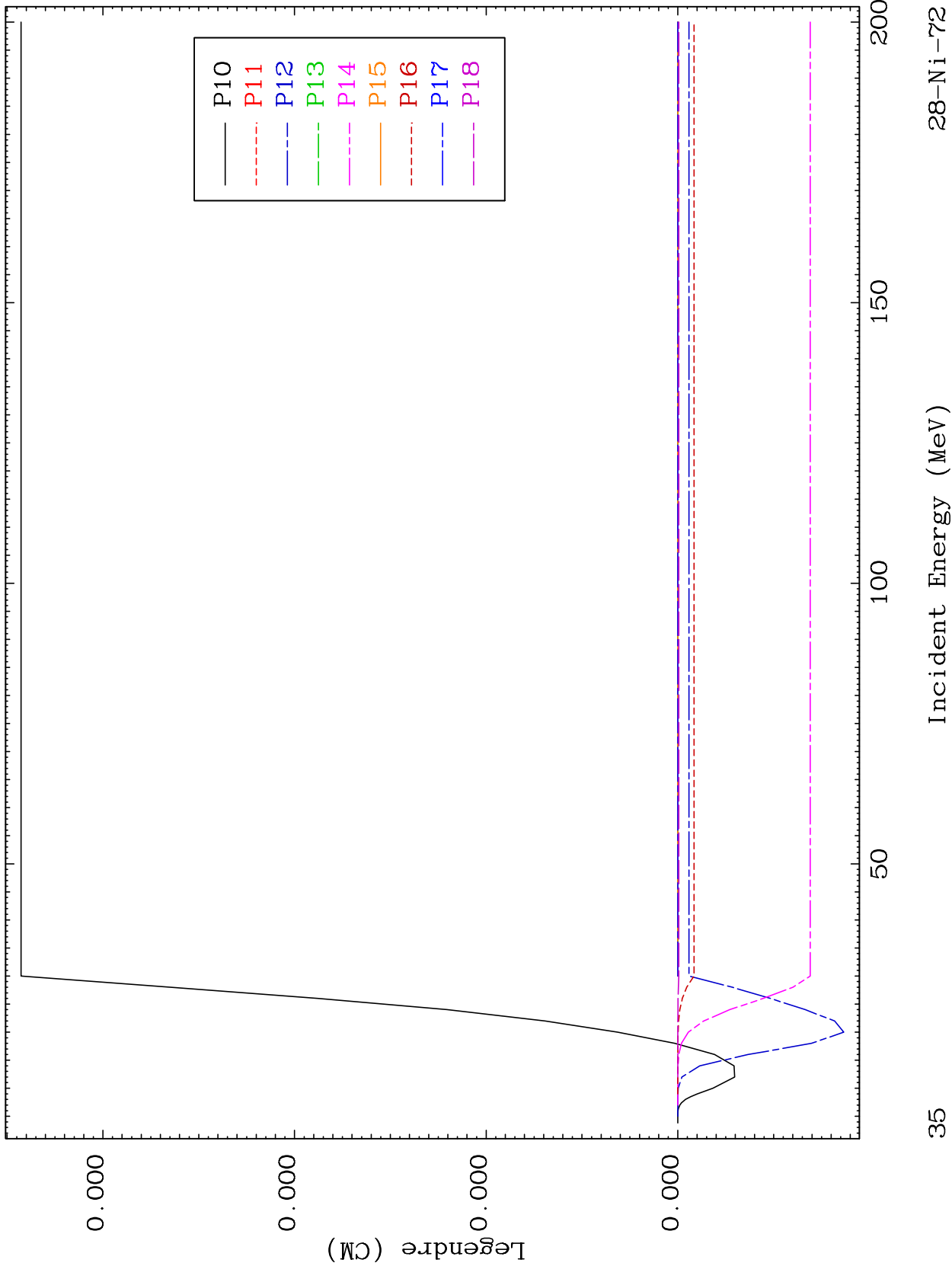
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

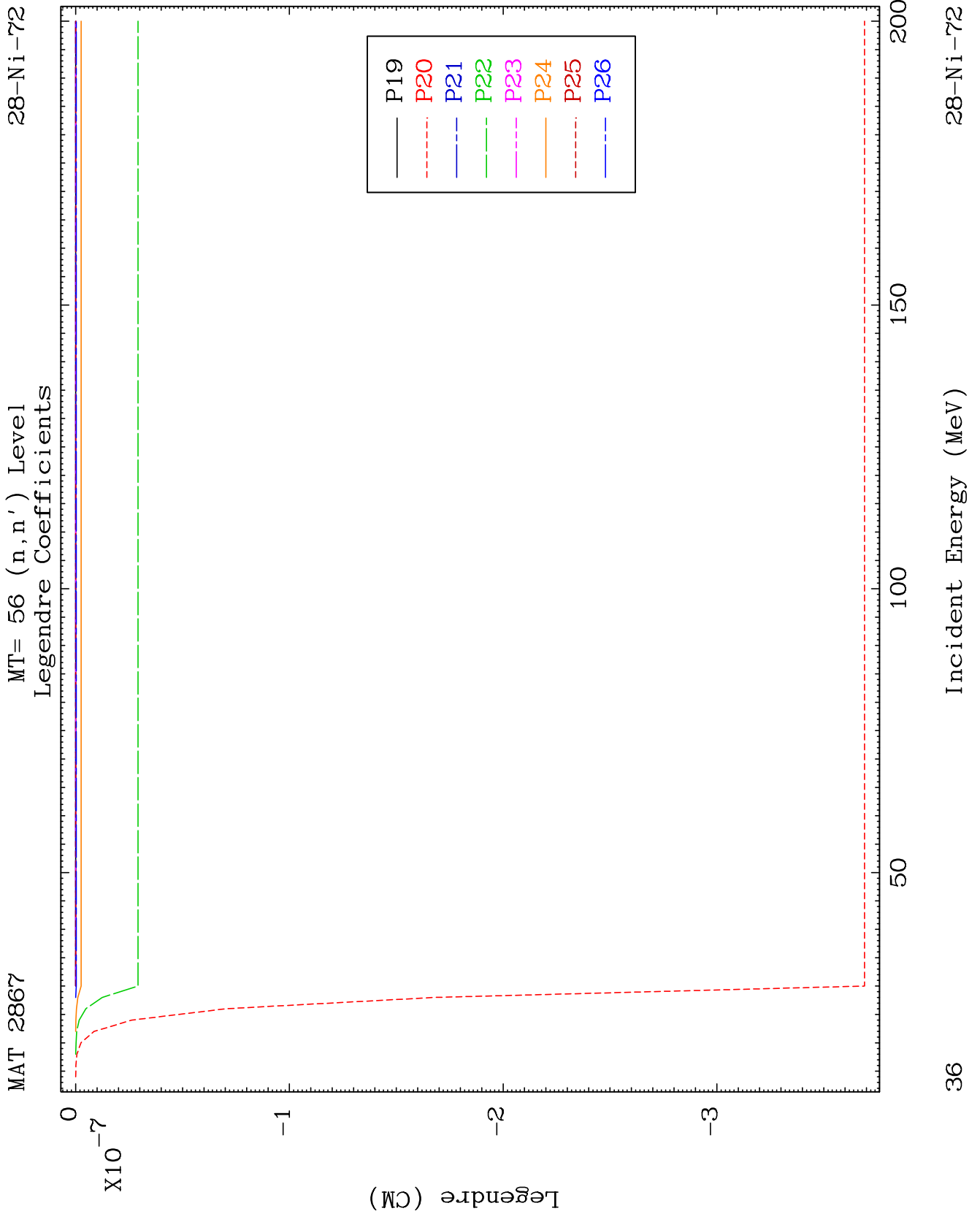
28-Ni-72



35

Incident Energy (MeV)

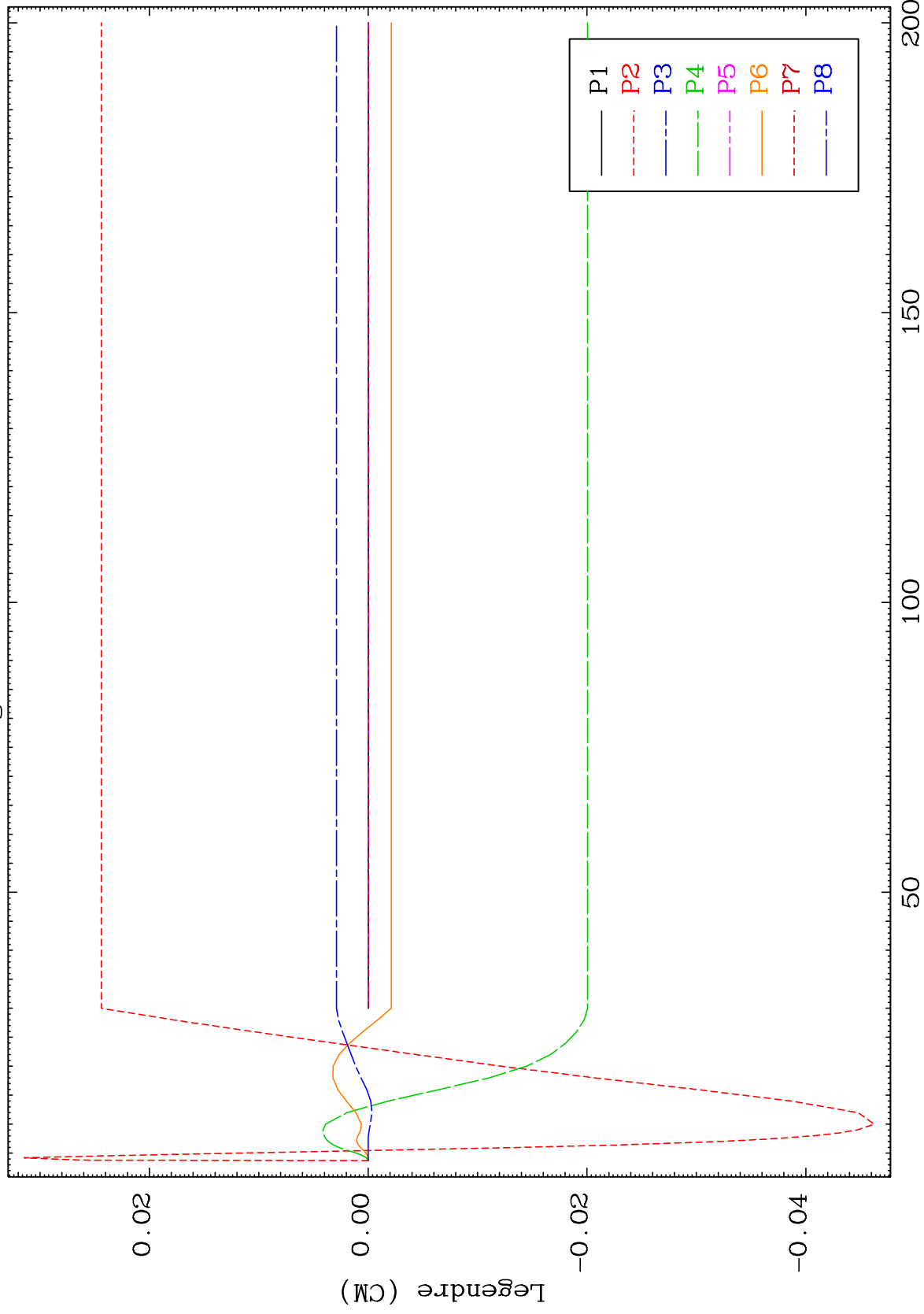
28-Ni-72



MAT 2867

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

28-Ni-72



37

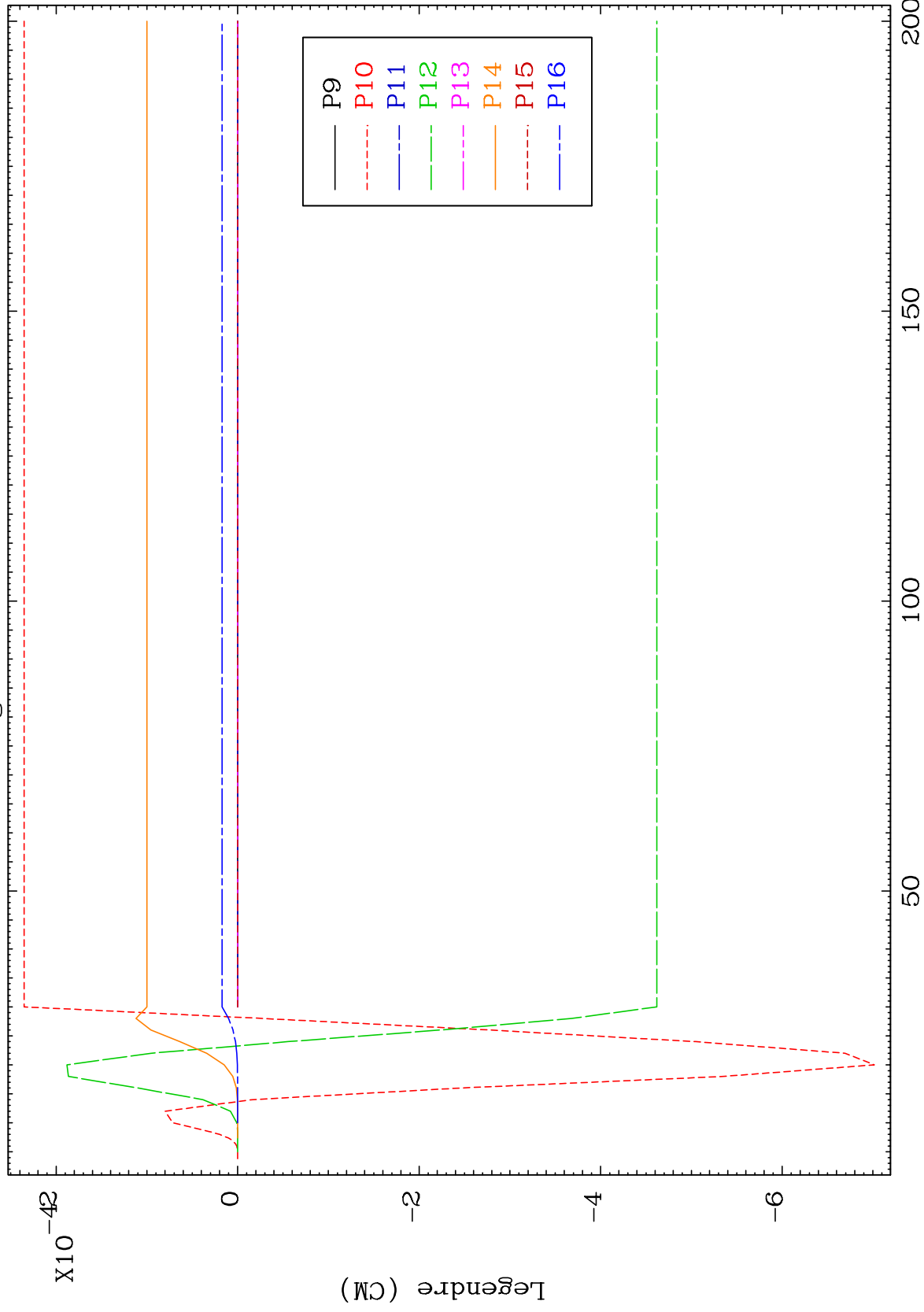
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

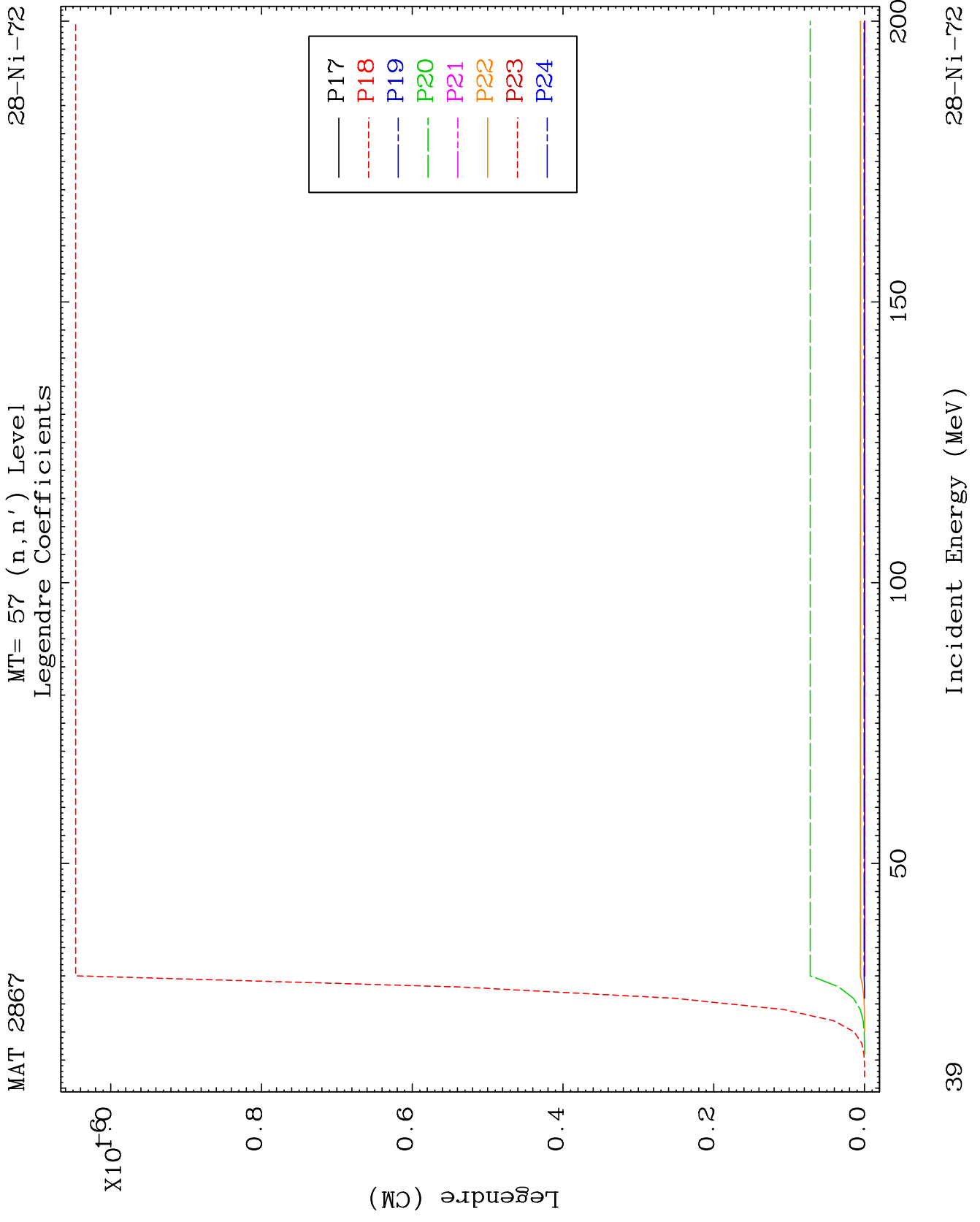
28-Ni-72



38

Incident Energy (MeV)

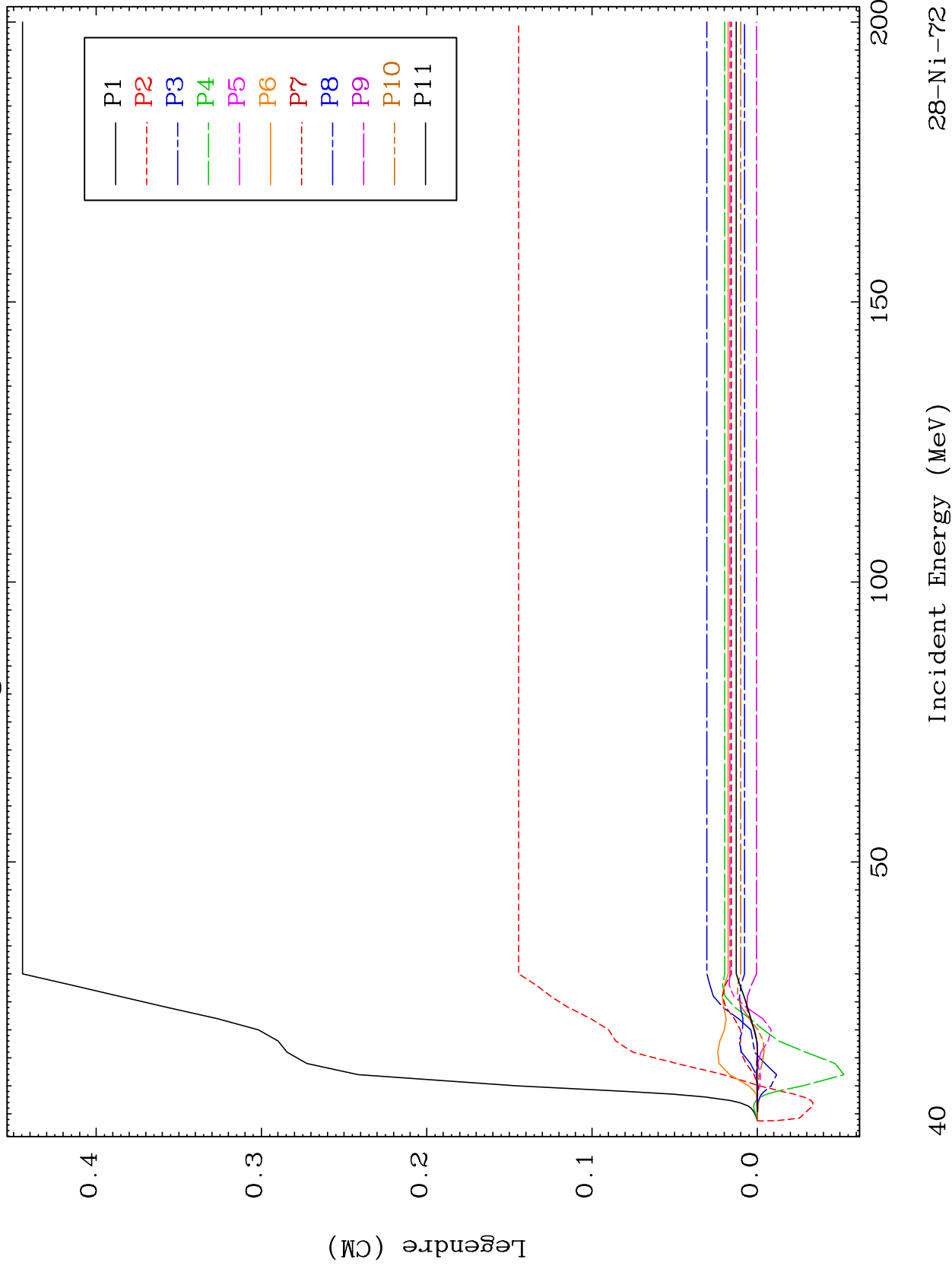
28-Ni-72



MAT 2867

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

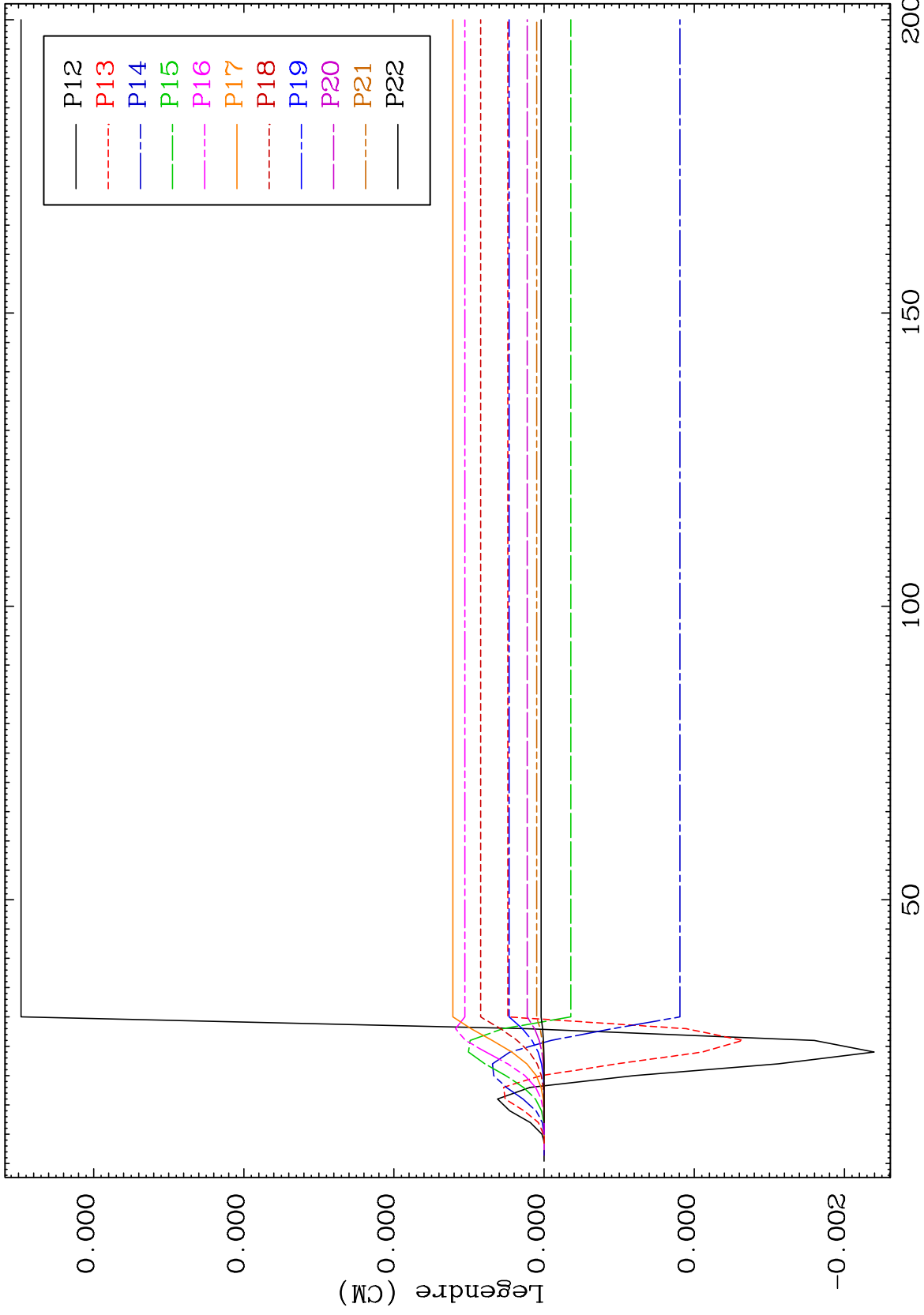
28-Ni-72



MAT 2867

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

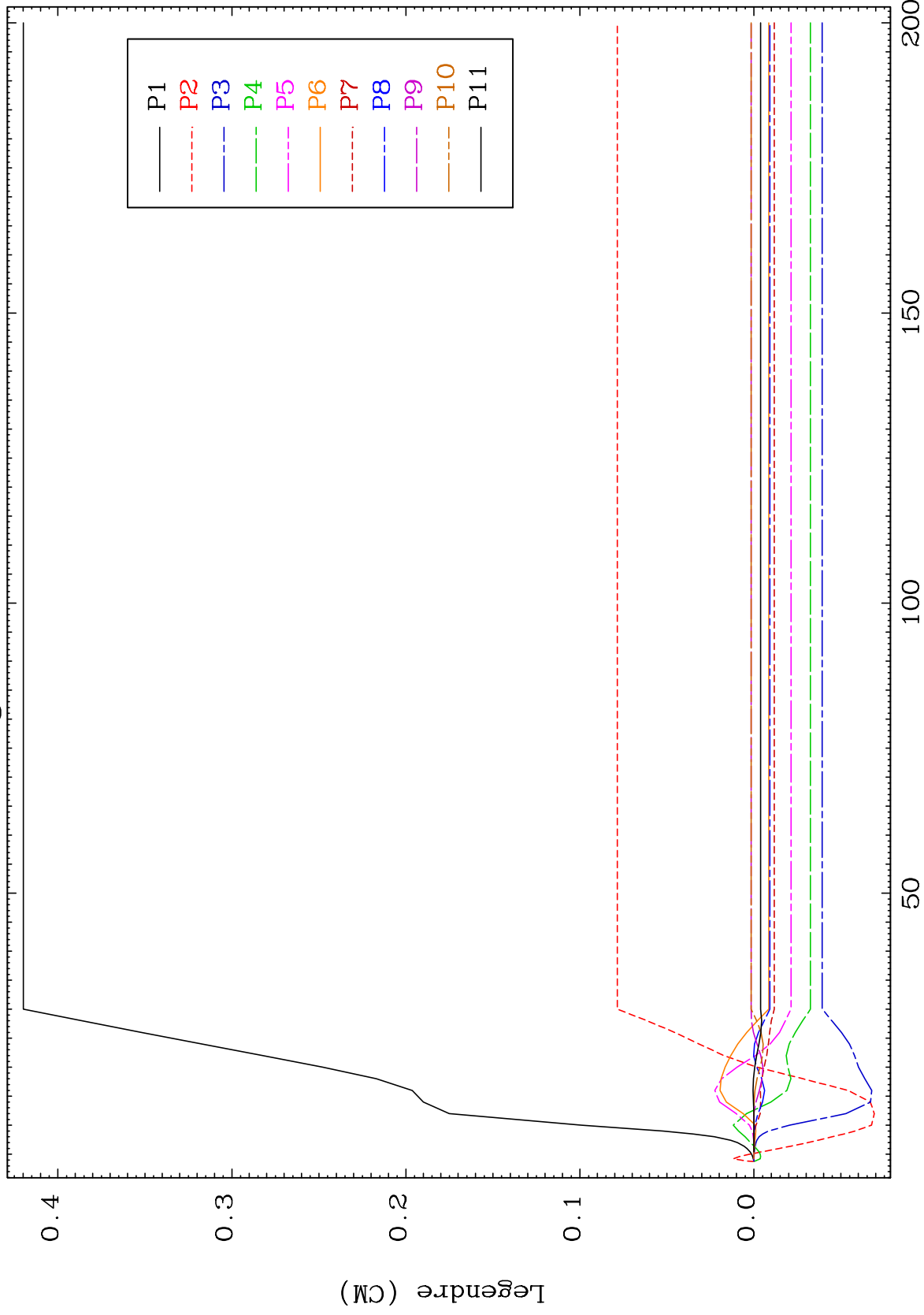
28-Ni-72



MAT 2867

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

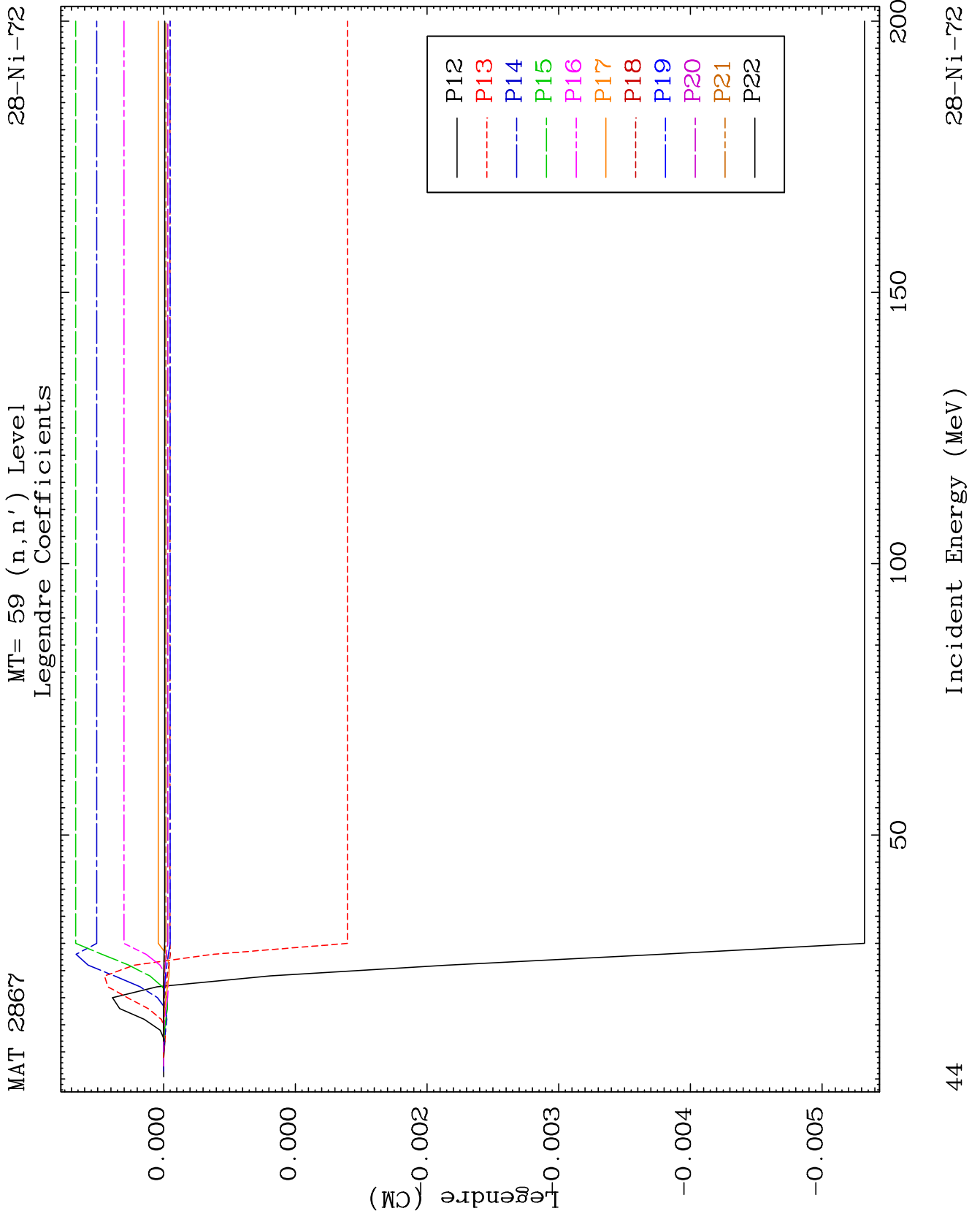
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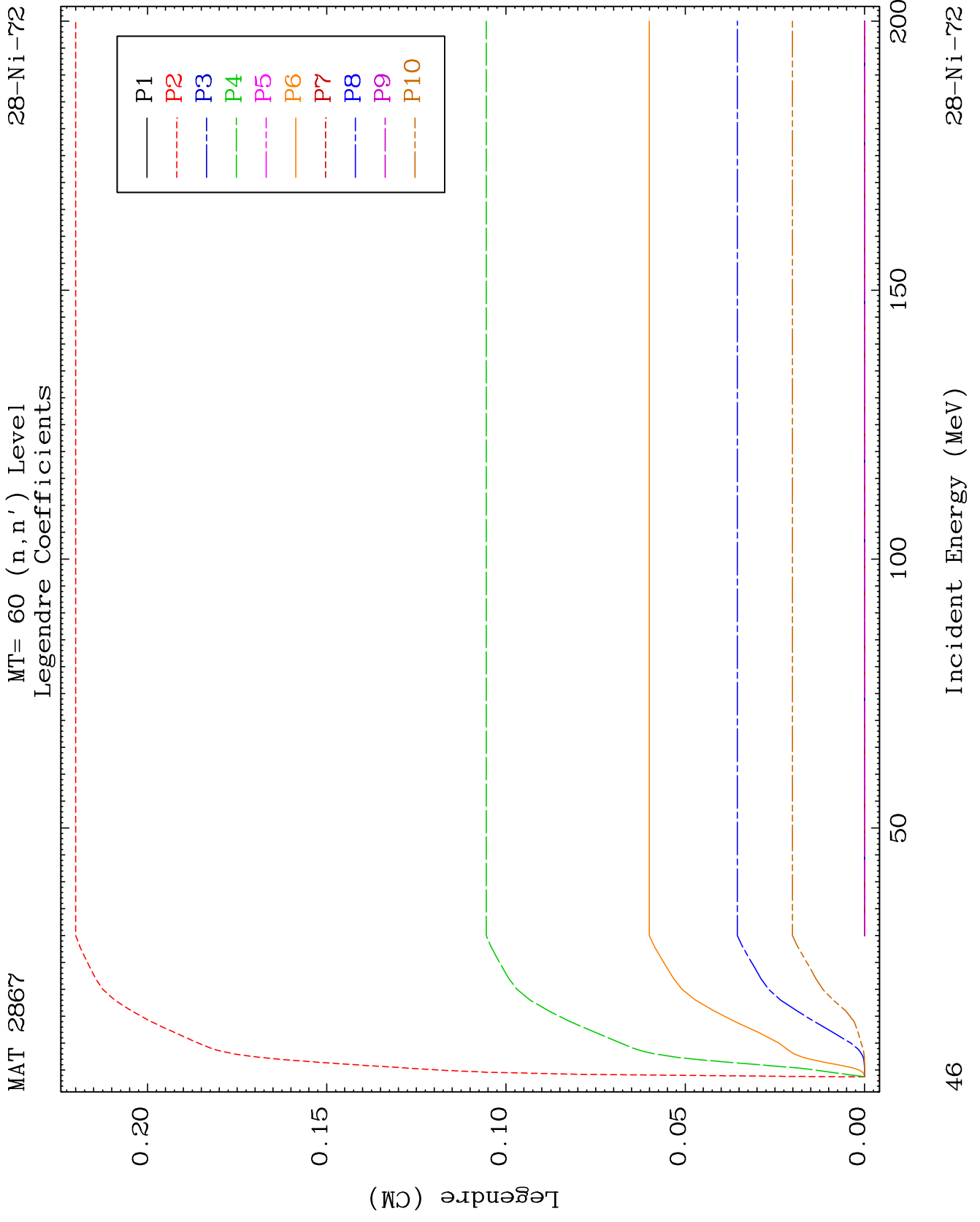


43

Incident Energy (MeV)

28-Ni-72

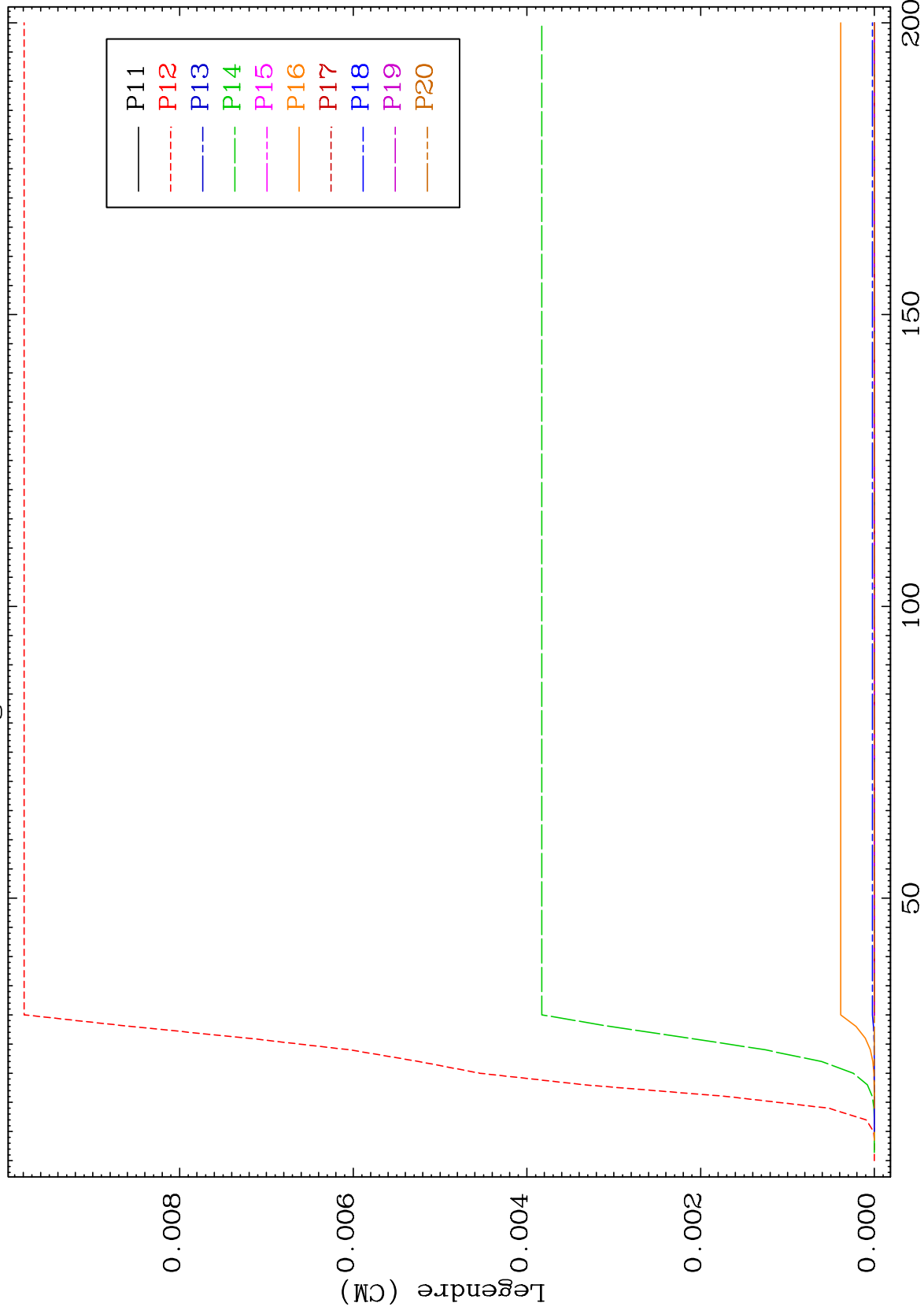




MAT 2867

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

28-Ni-72



47

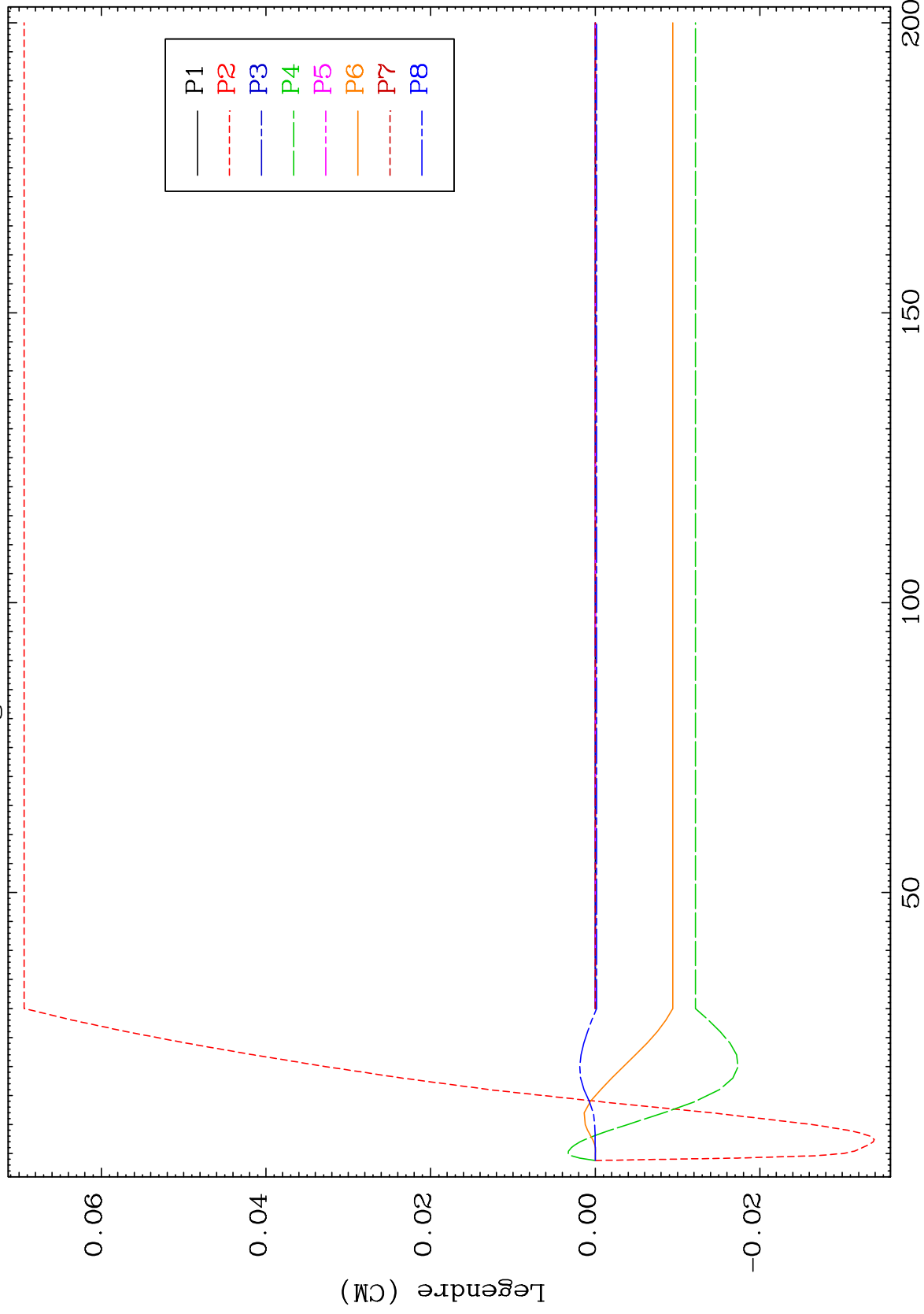
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



49

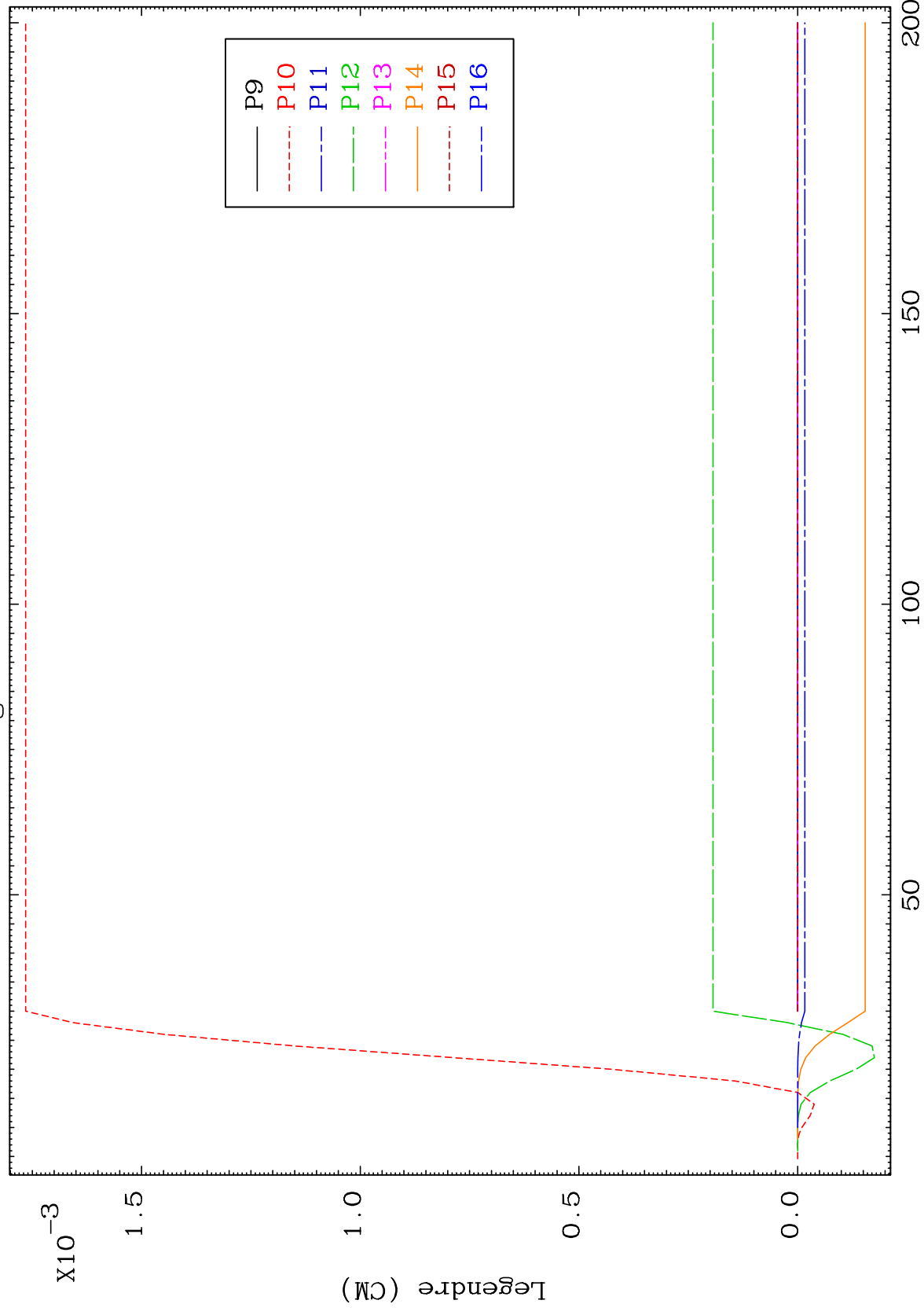
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

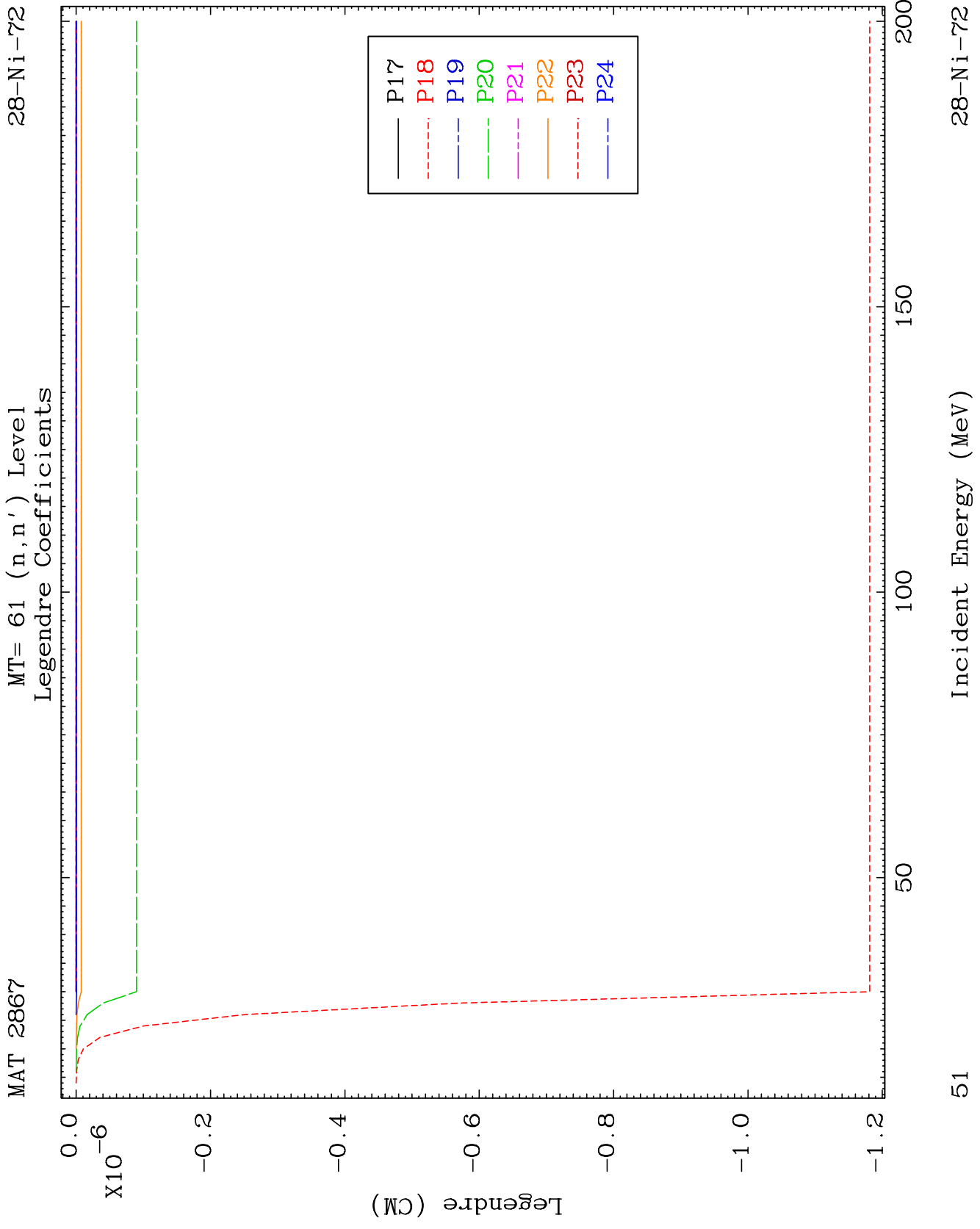
28-Ni-72



50

Incident Energy (MeV)

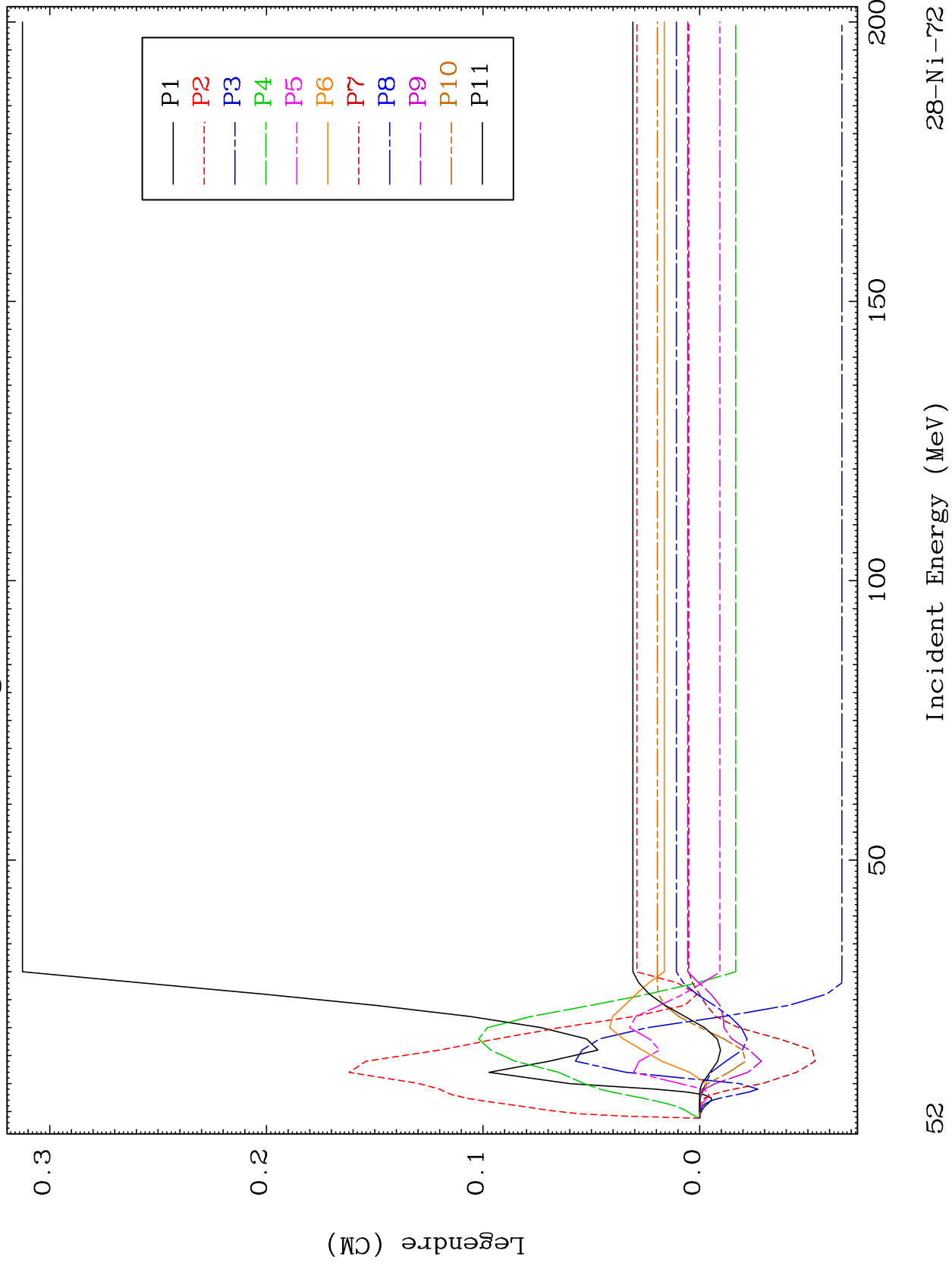
28-Ni-72



MAT 2867

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

28-Ni-72



52

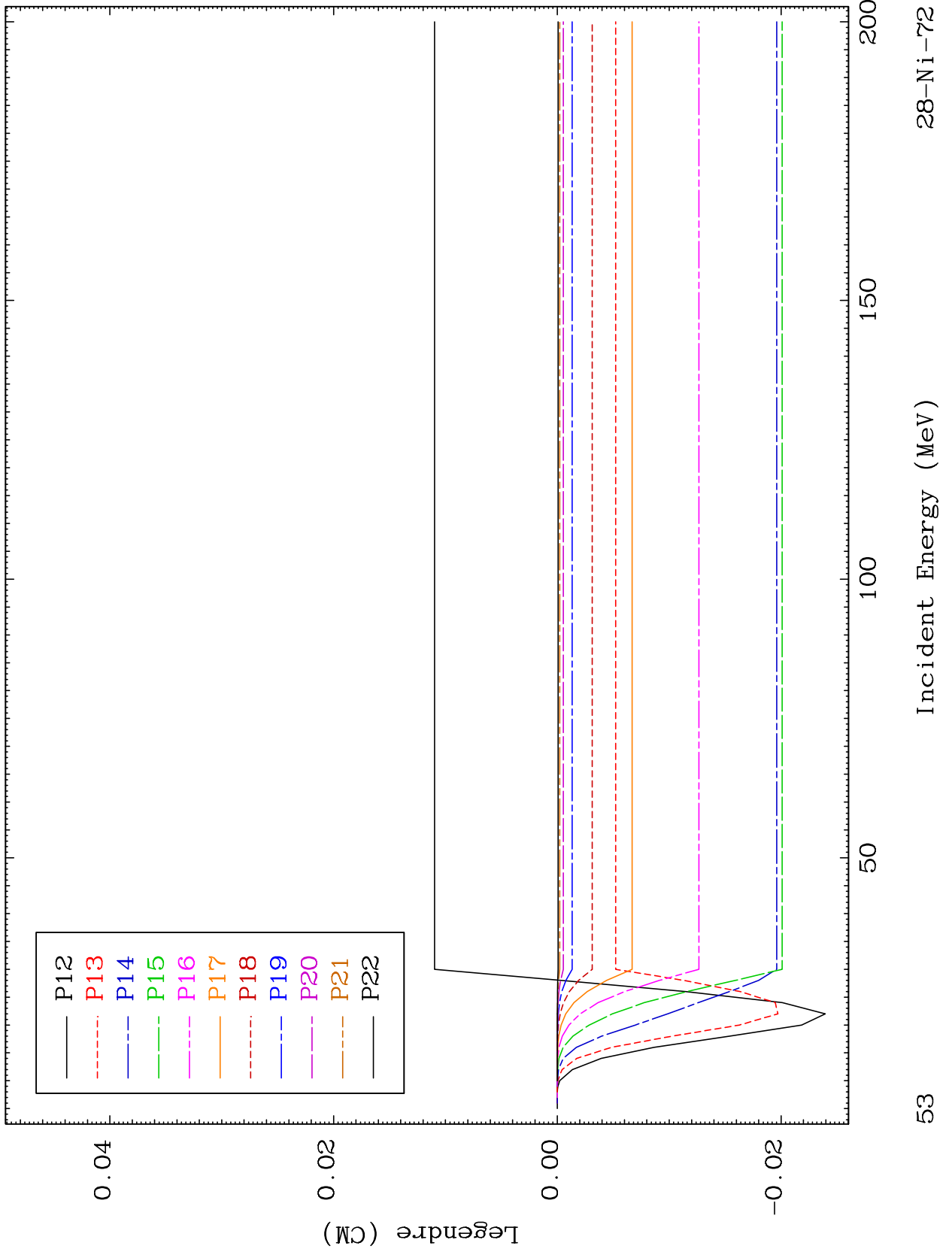
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

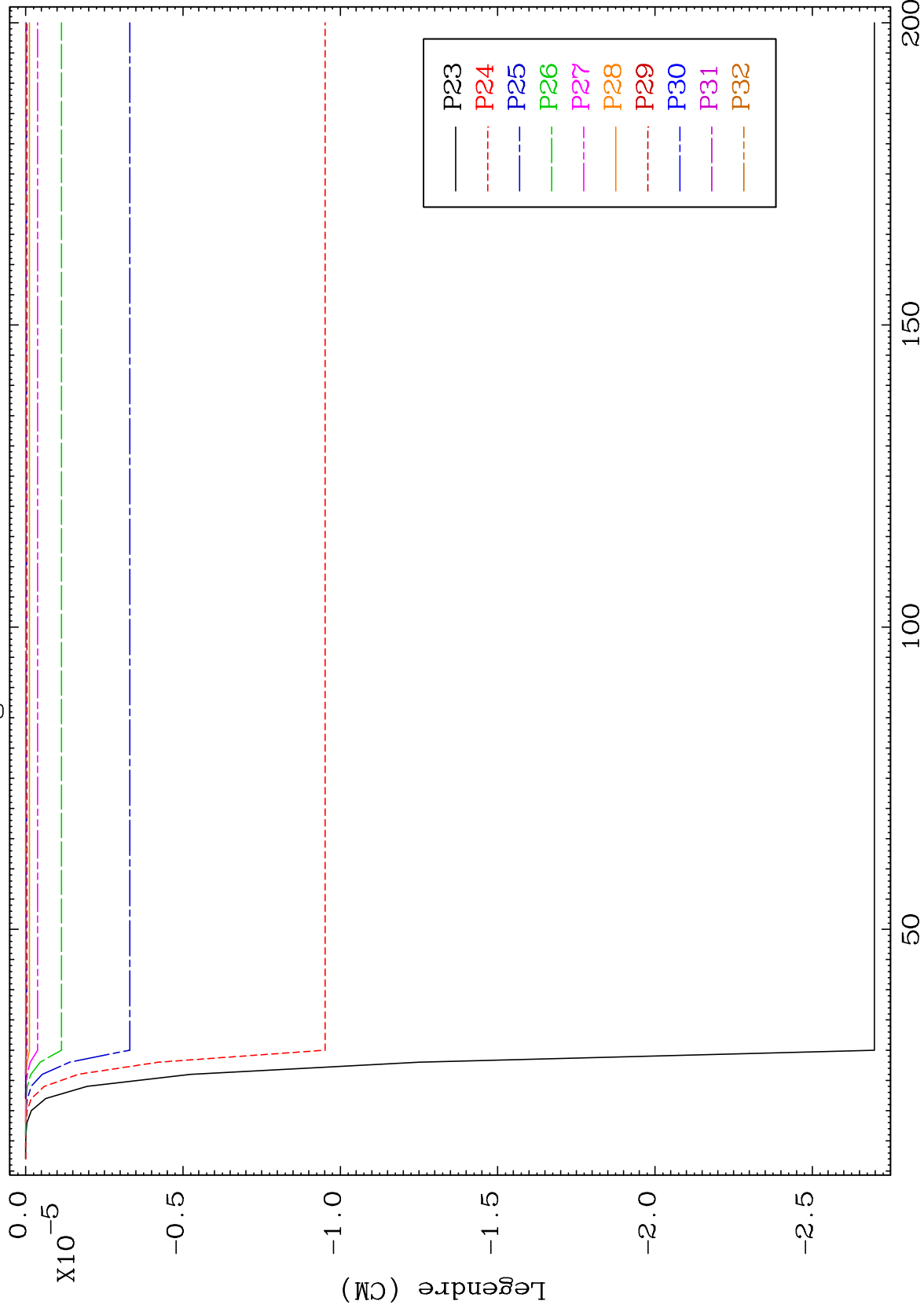
28-Ni-72



MAT 2867

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

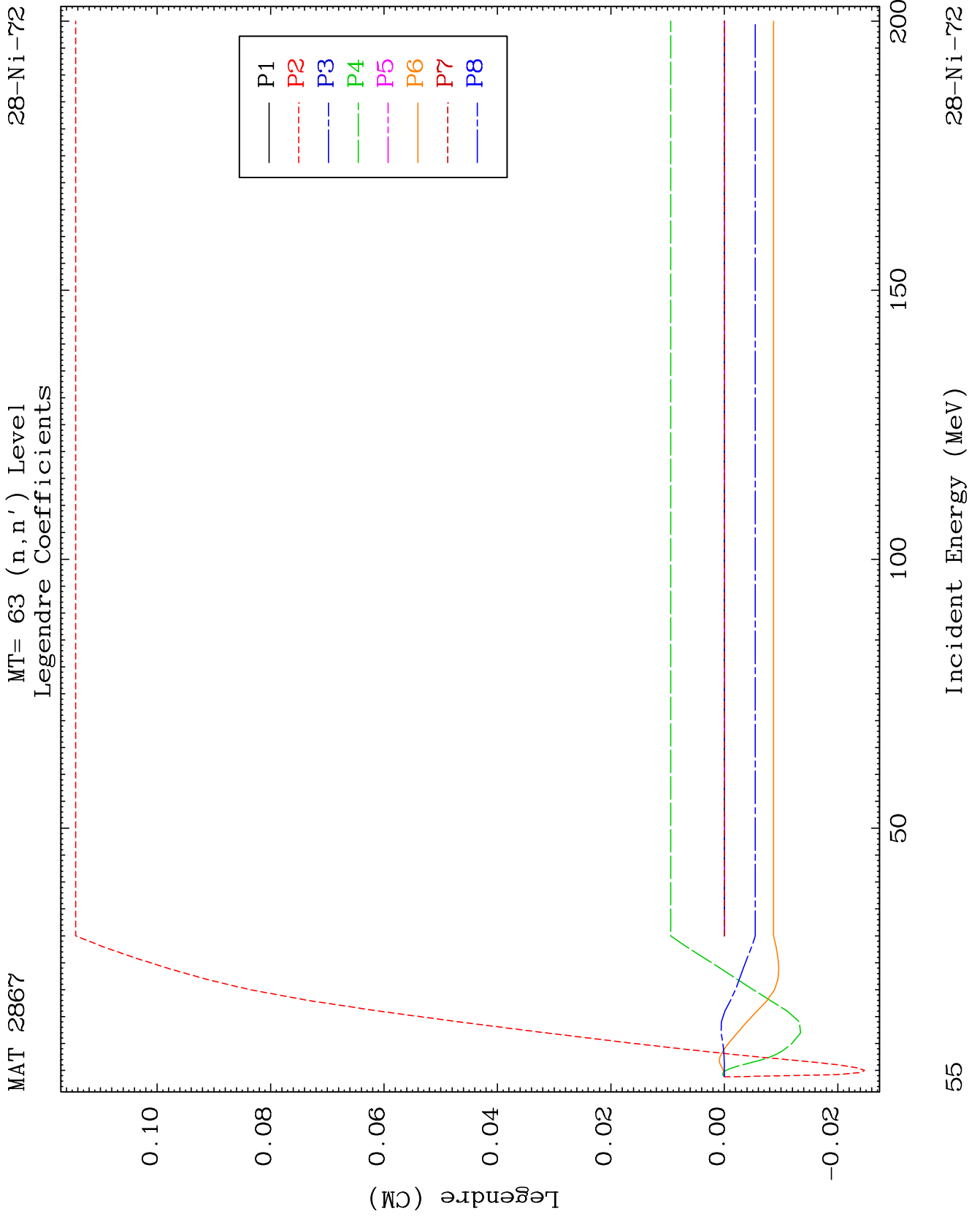
28-Ni-72



54

Incident Energy (MeV)

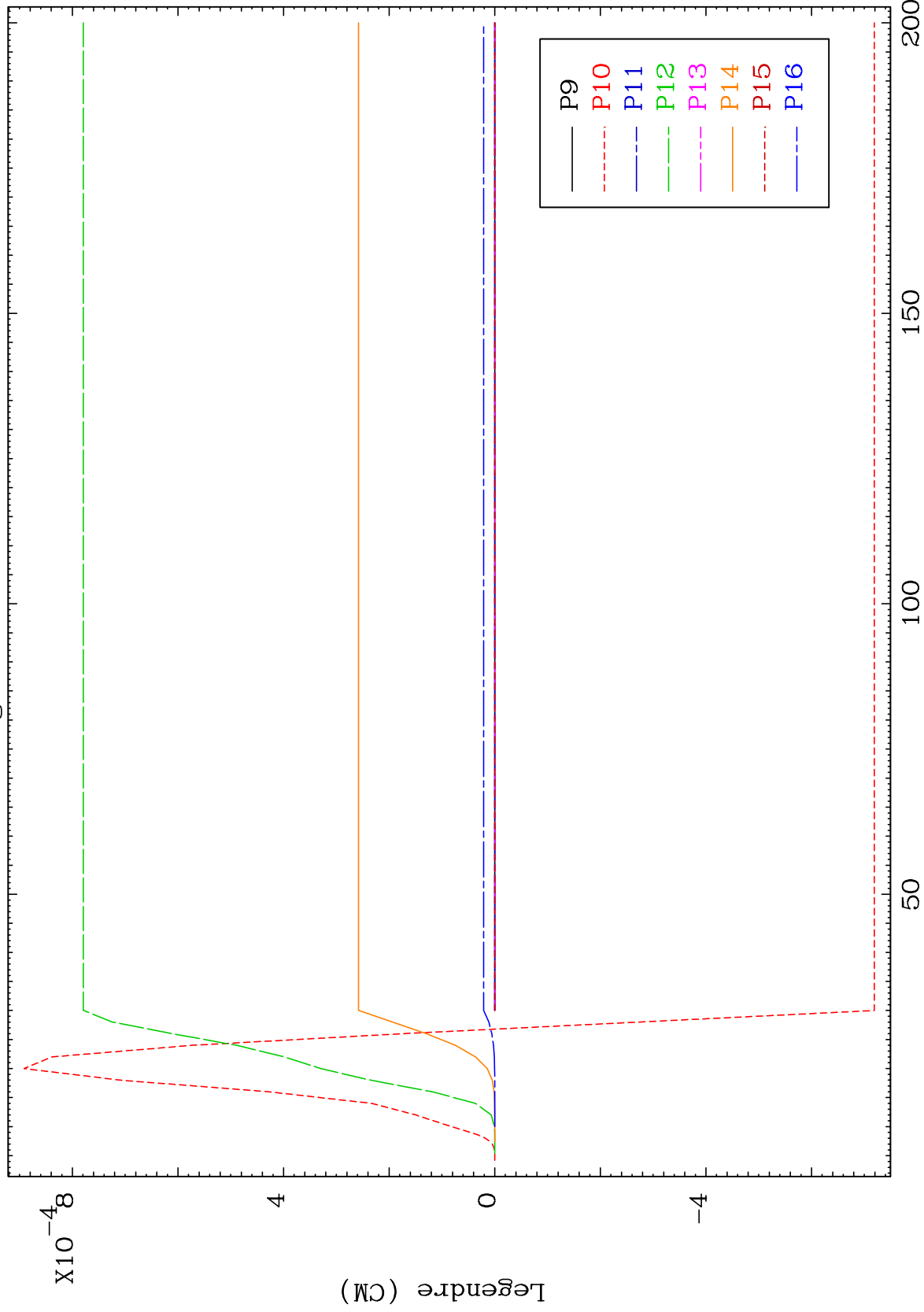
28-Ni-72



MAT 2867

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

28-Ni-72



56

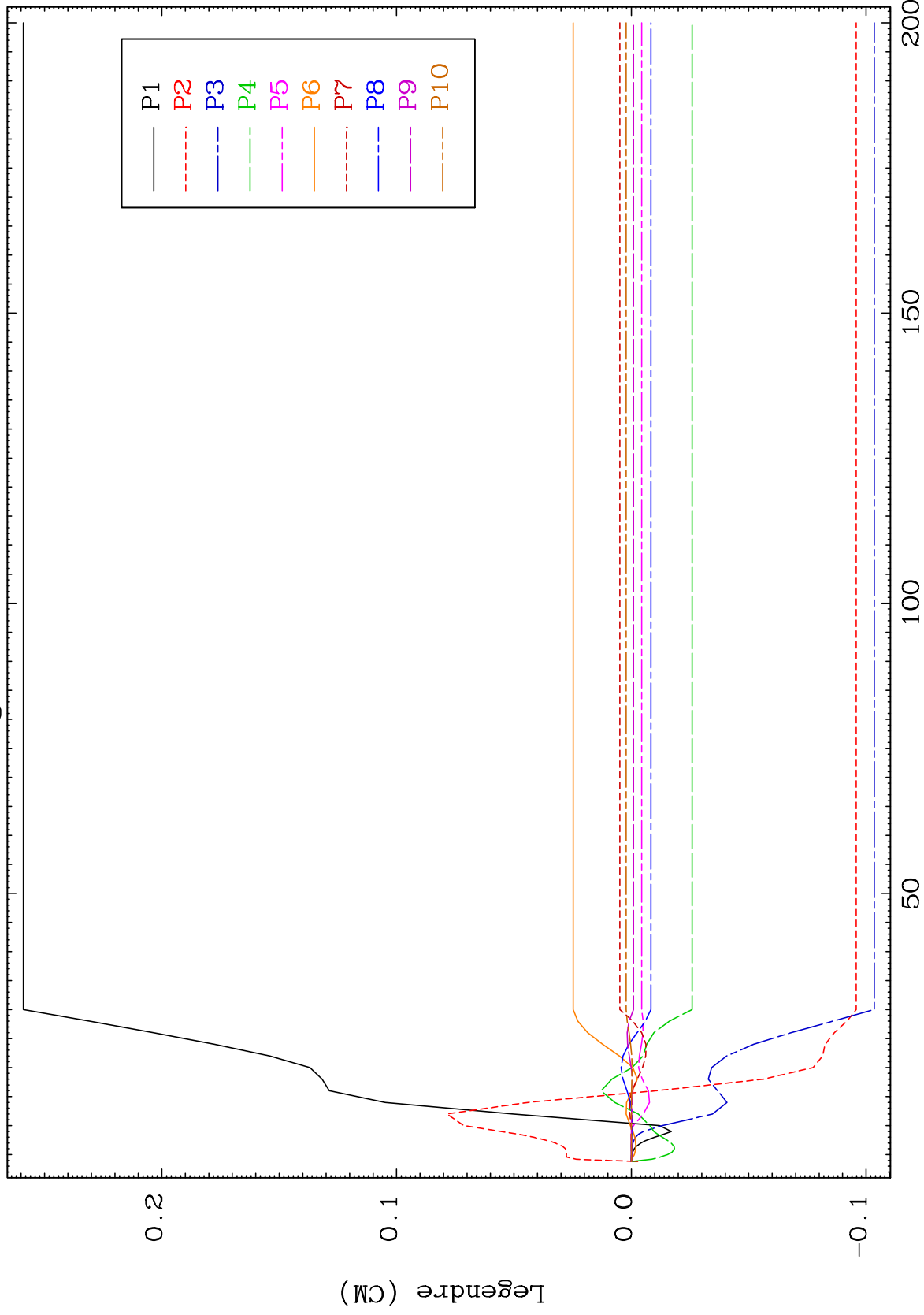
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



58

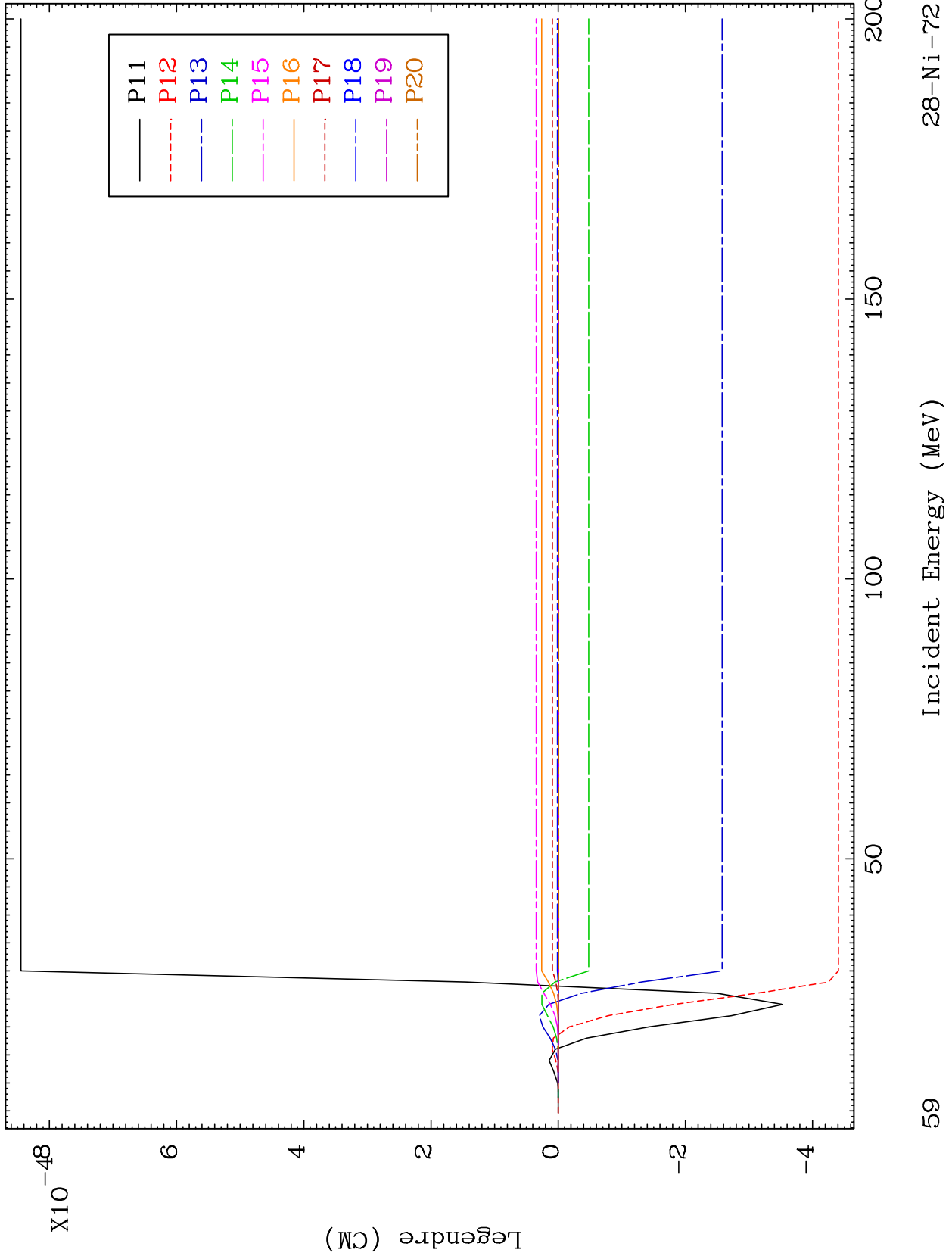
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



59

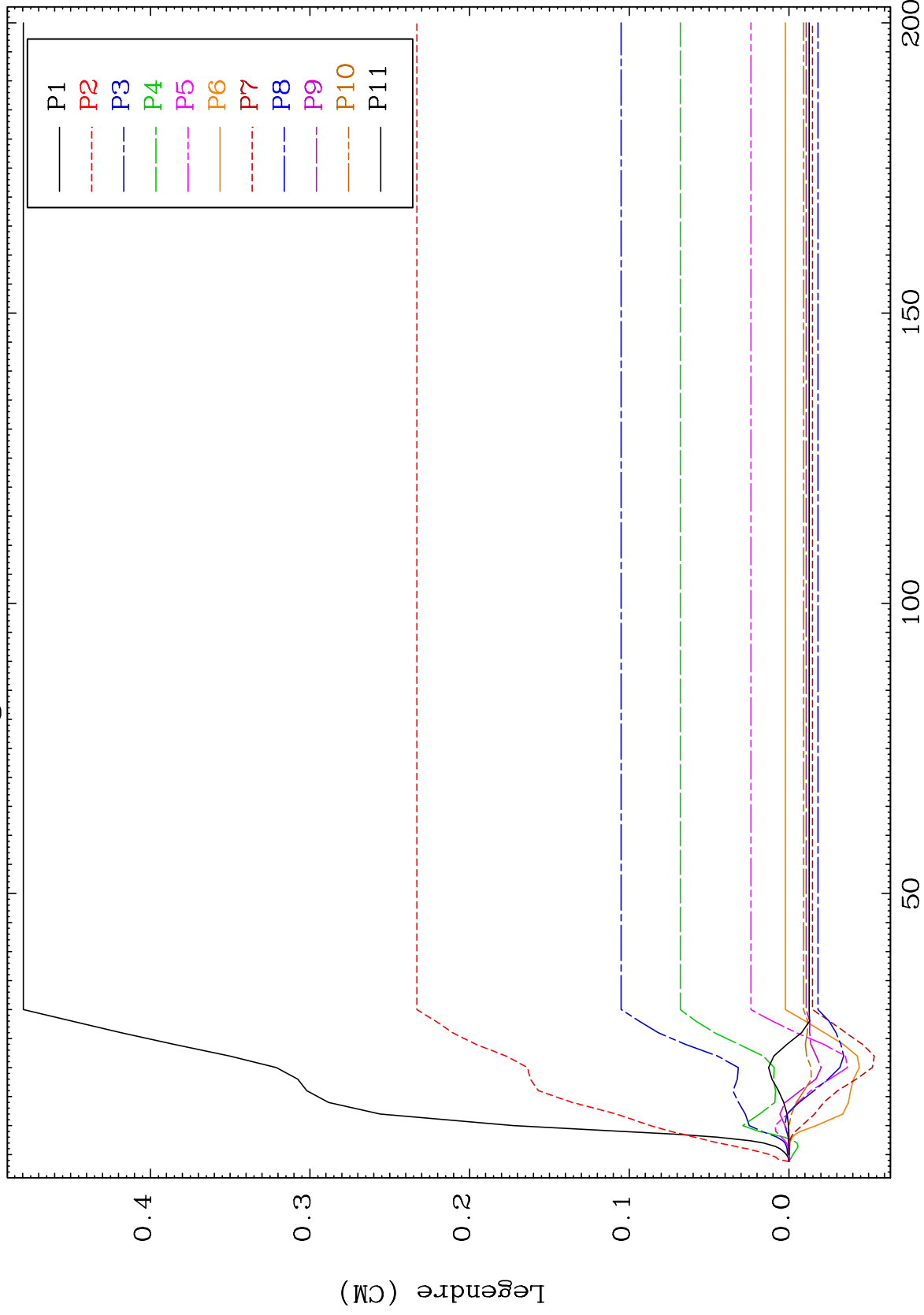
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



61

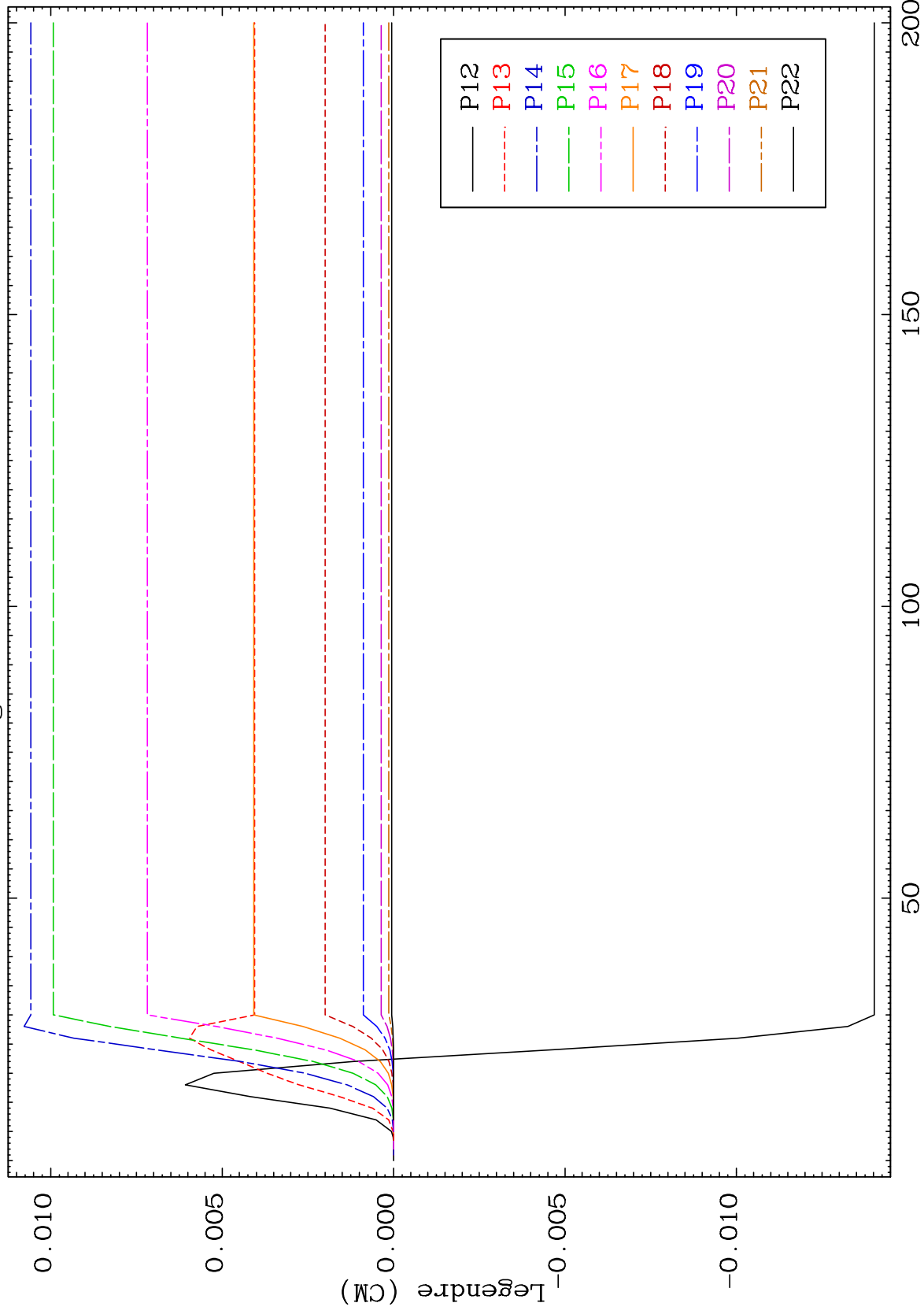
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

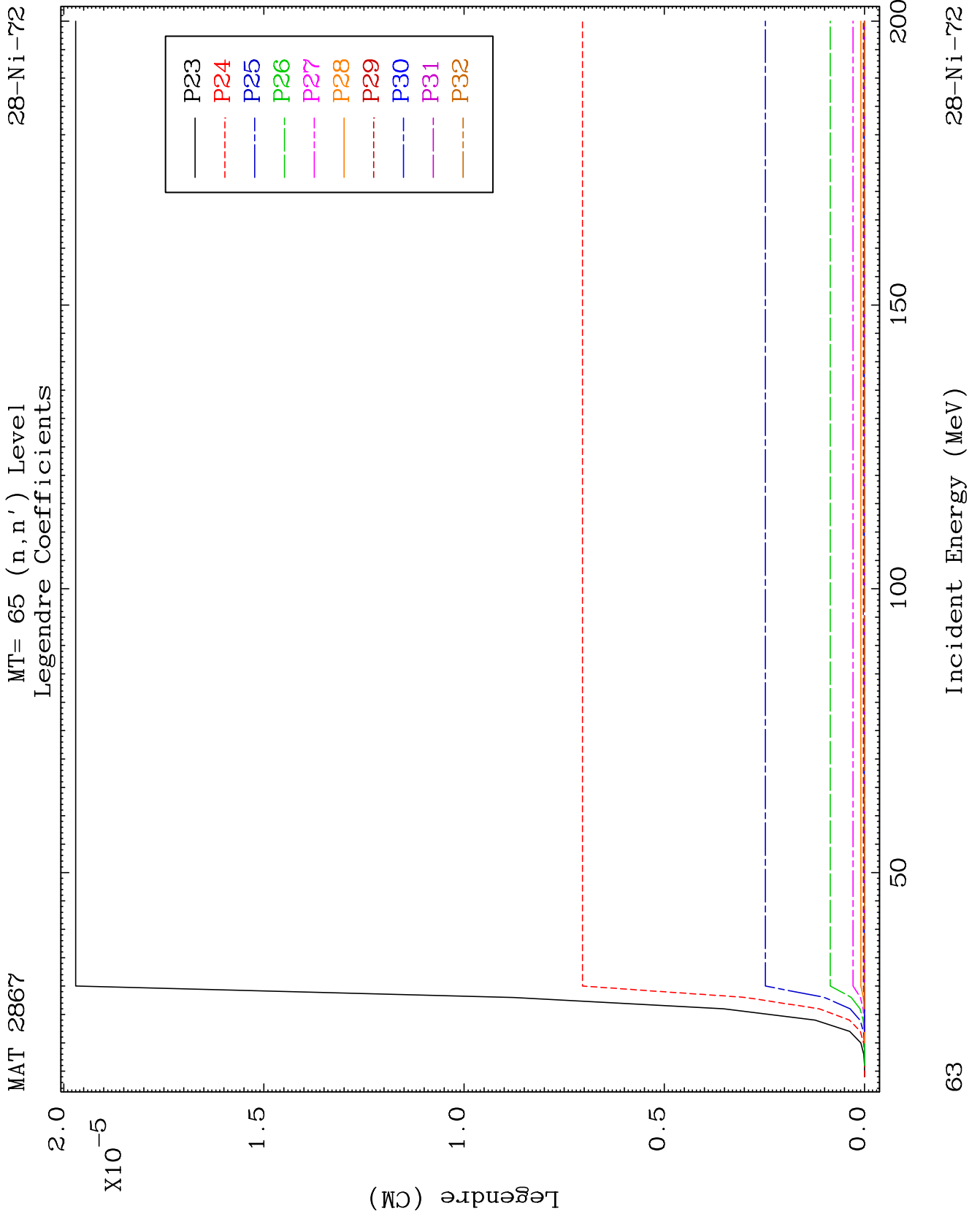
28-Ni-72



62

Incident Energy (MeV)

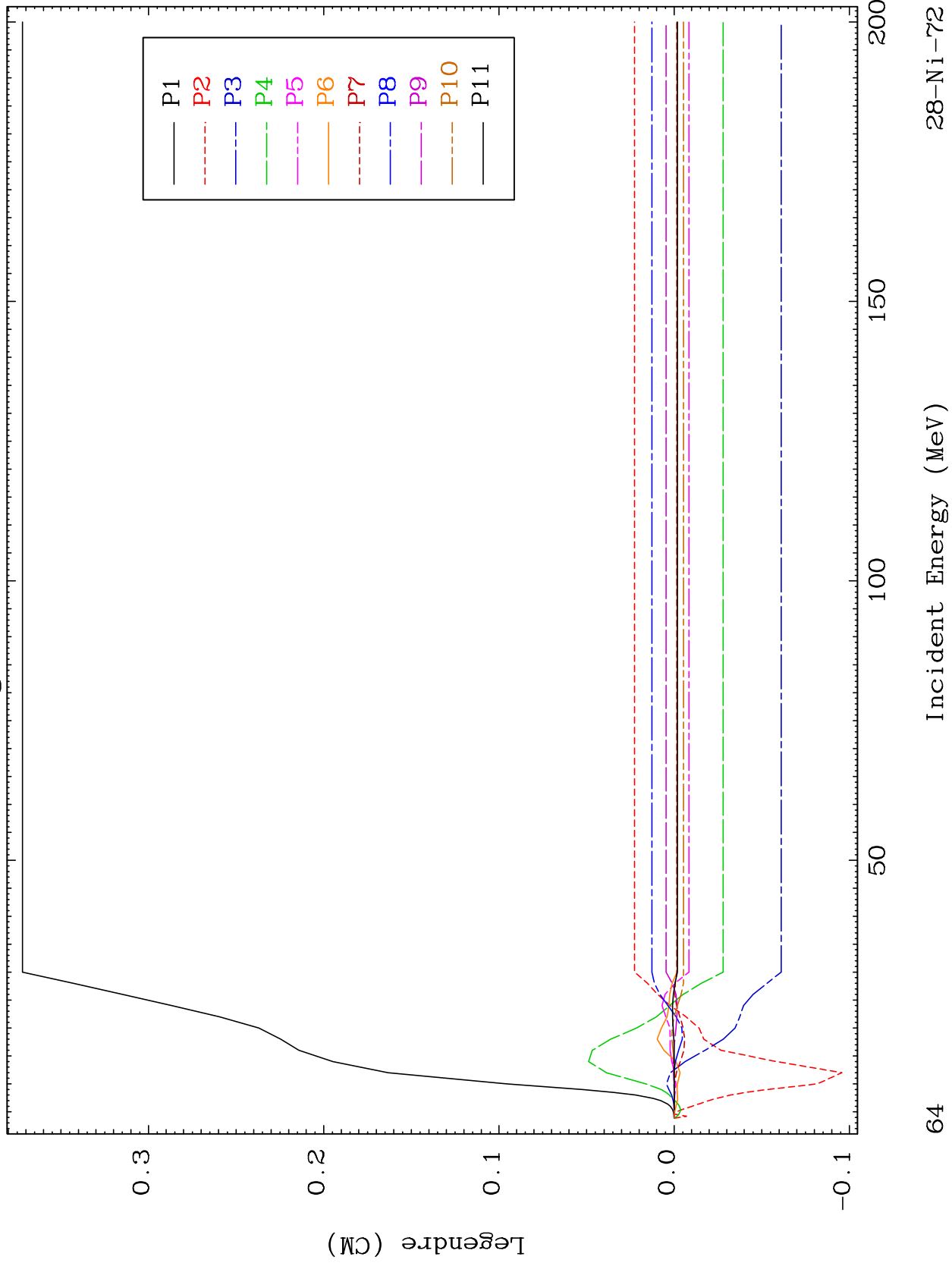
28-Ni-72



MAT 2867

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

28-Ni-72

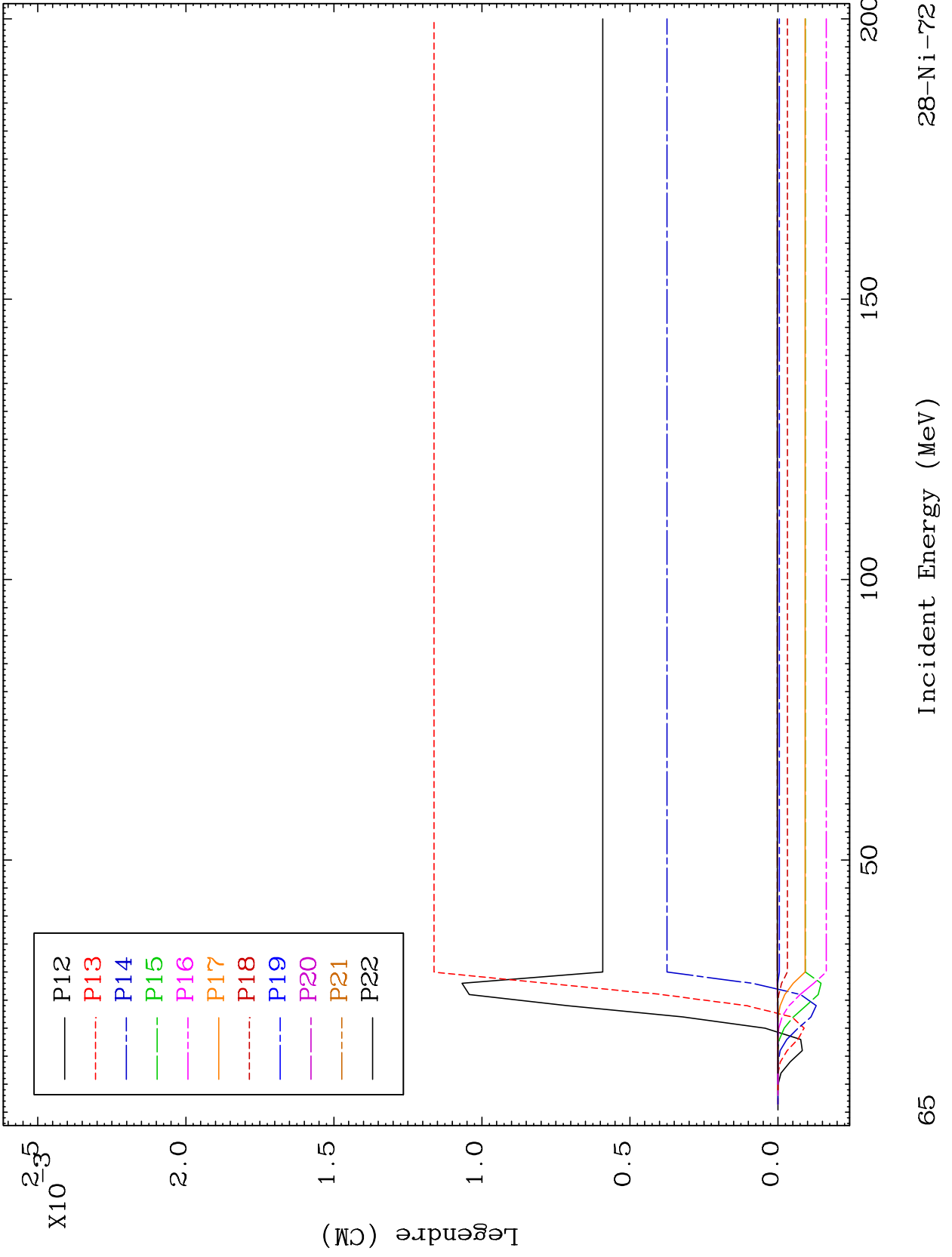


28-Ni-72

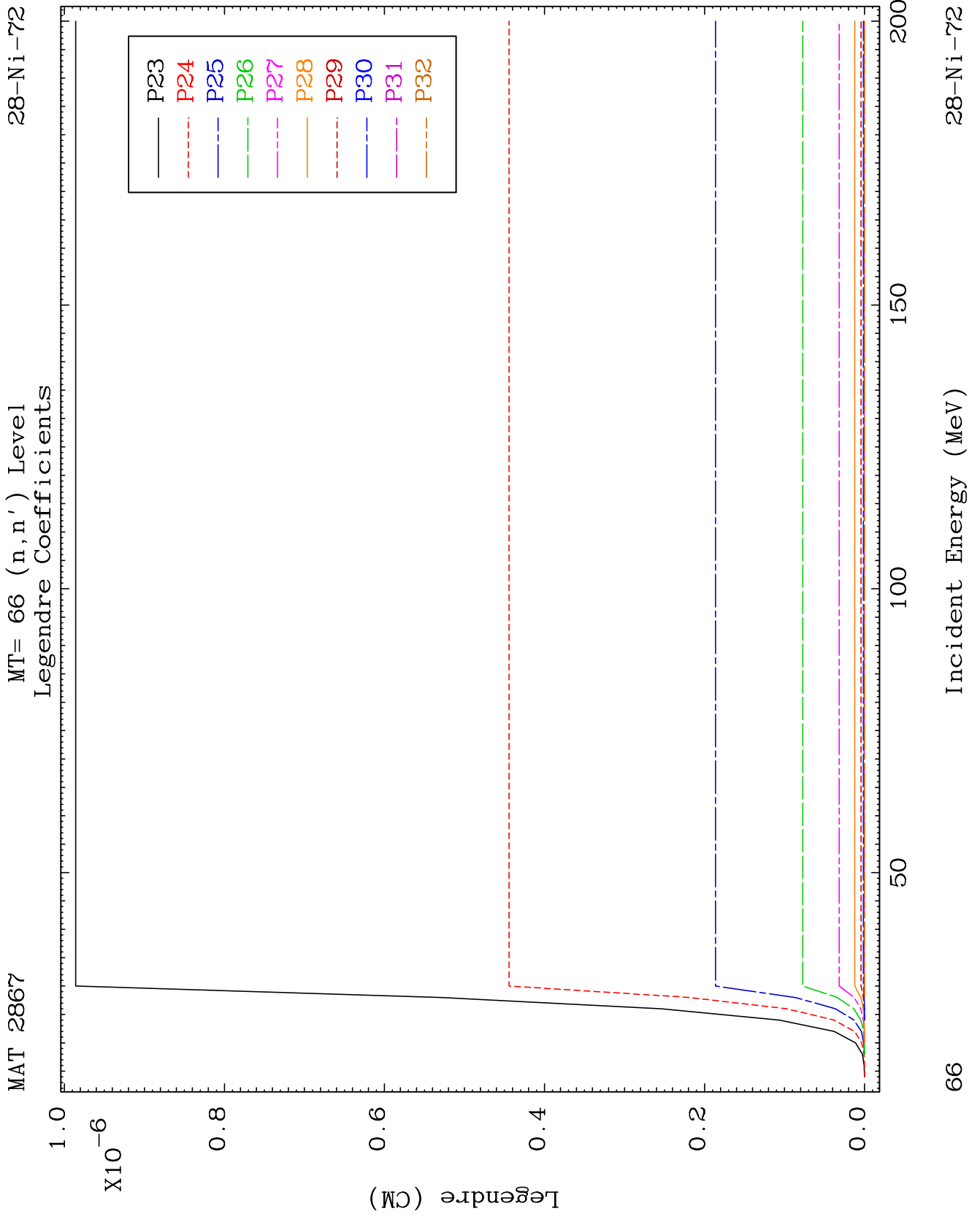
MAT 2867

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

28-Ni-72



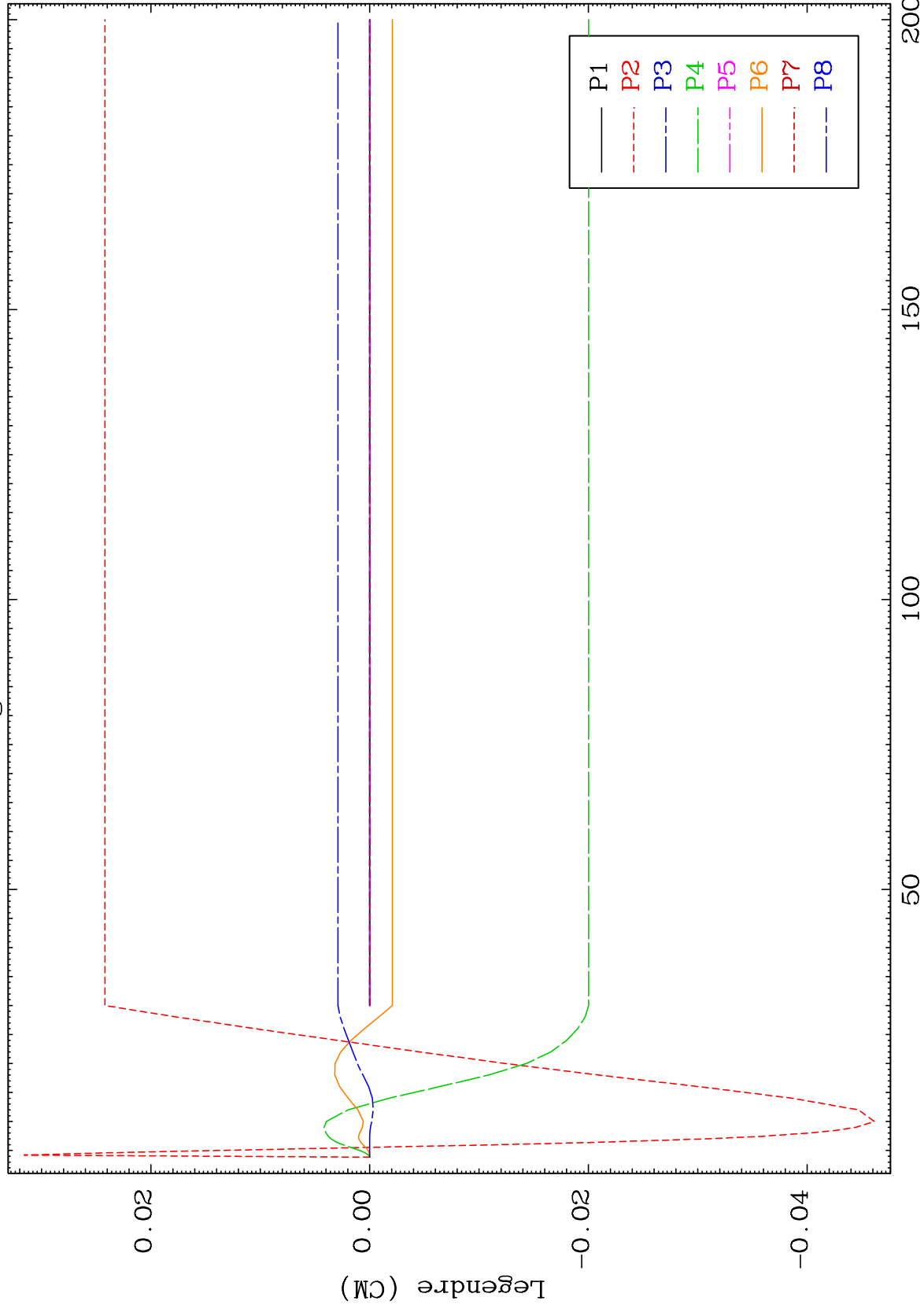
65



MAT 2867

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

28-Ni-72



67

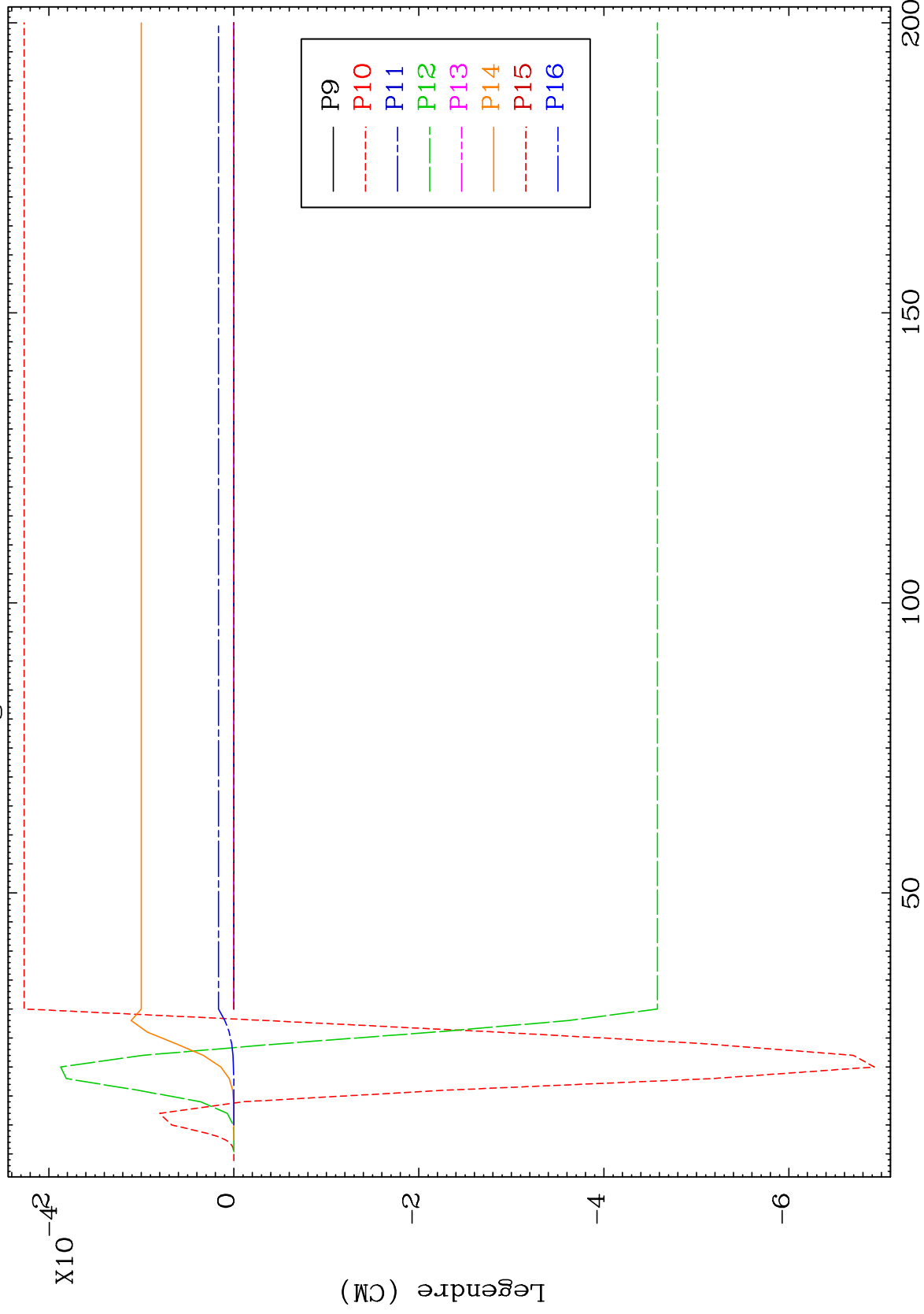
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

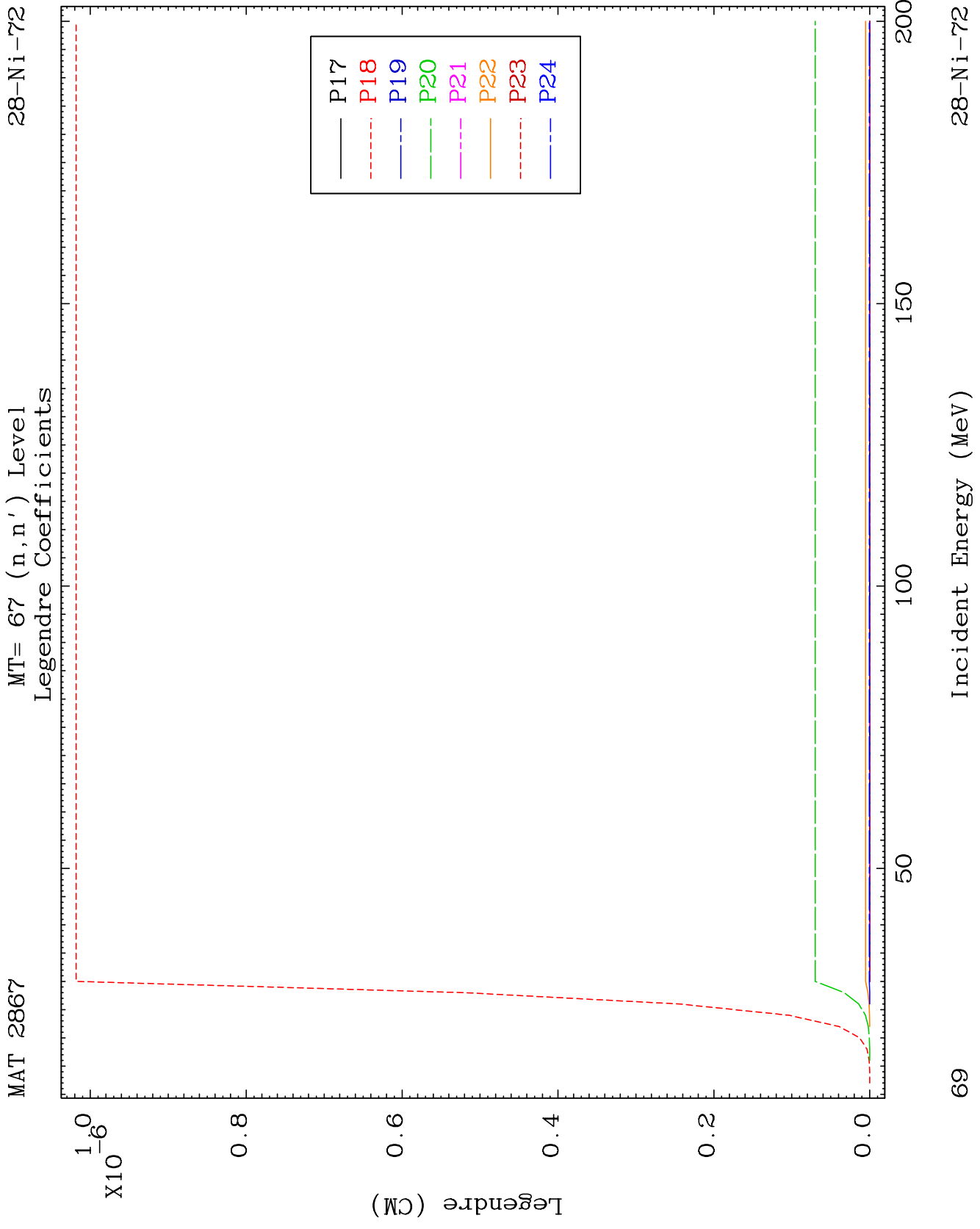
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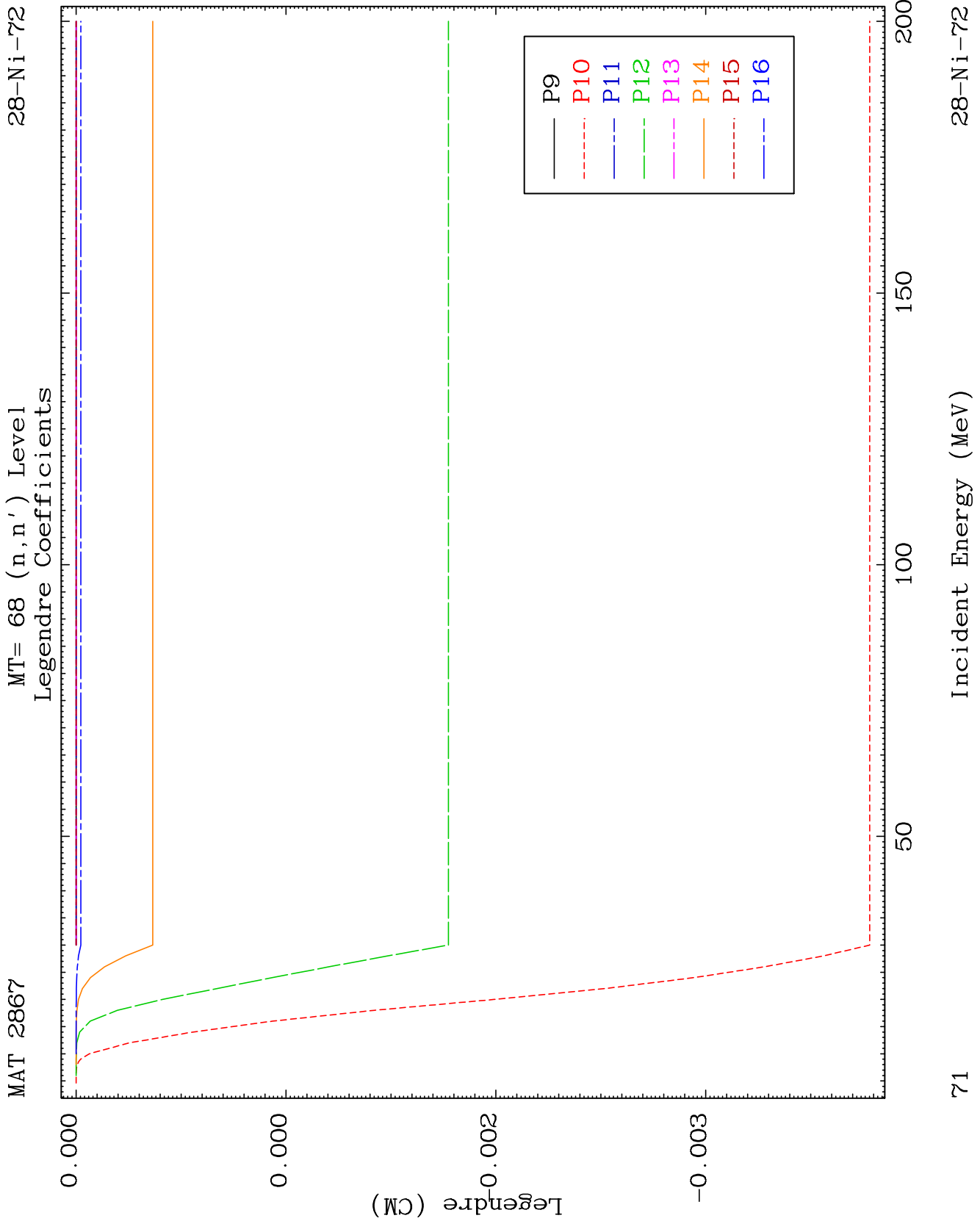


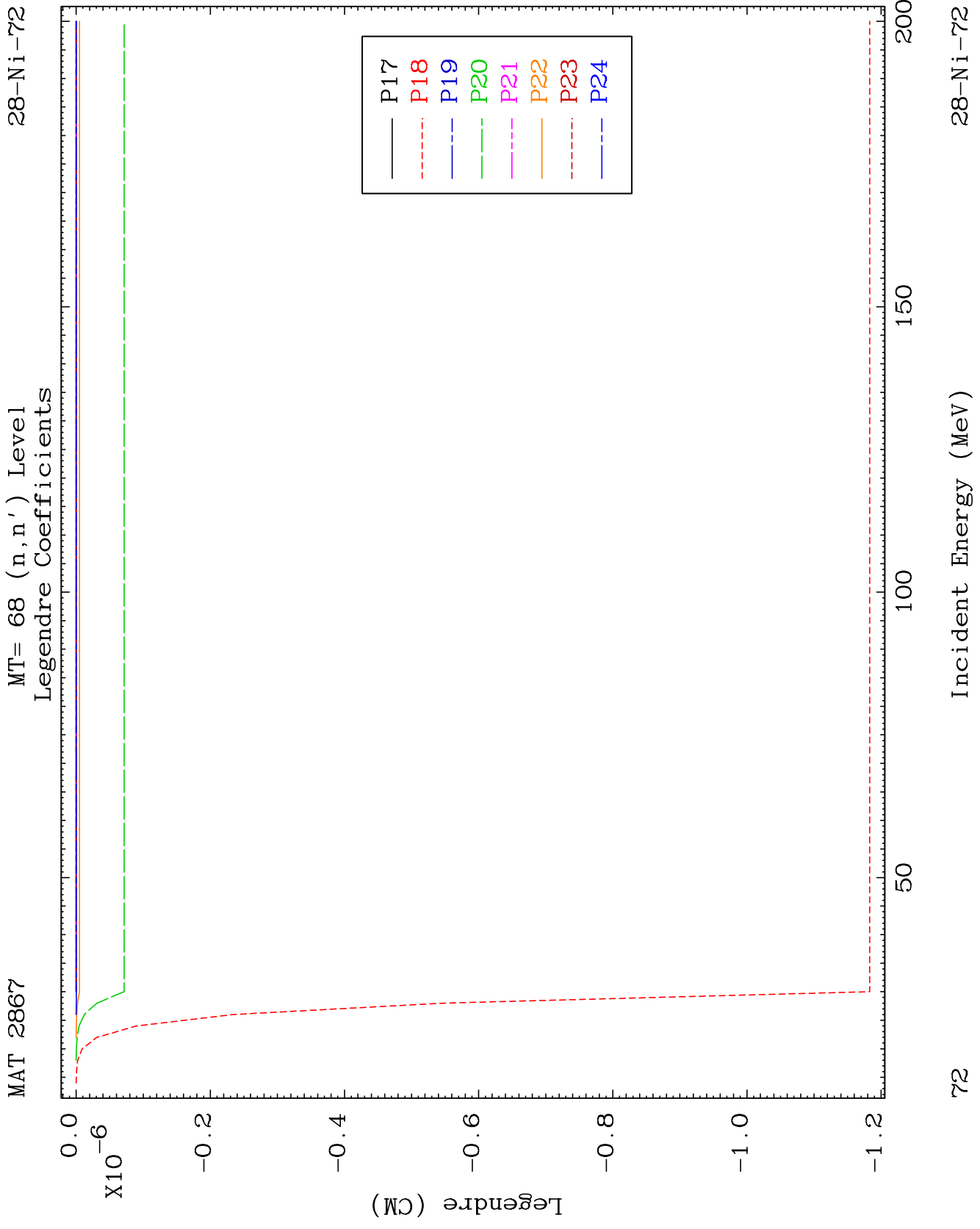
68

Incident Energy (MeV)

28-Ni-72



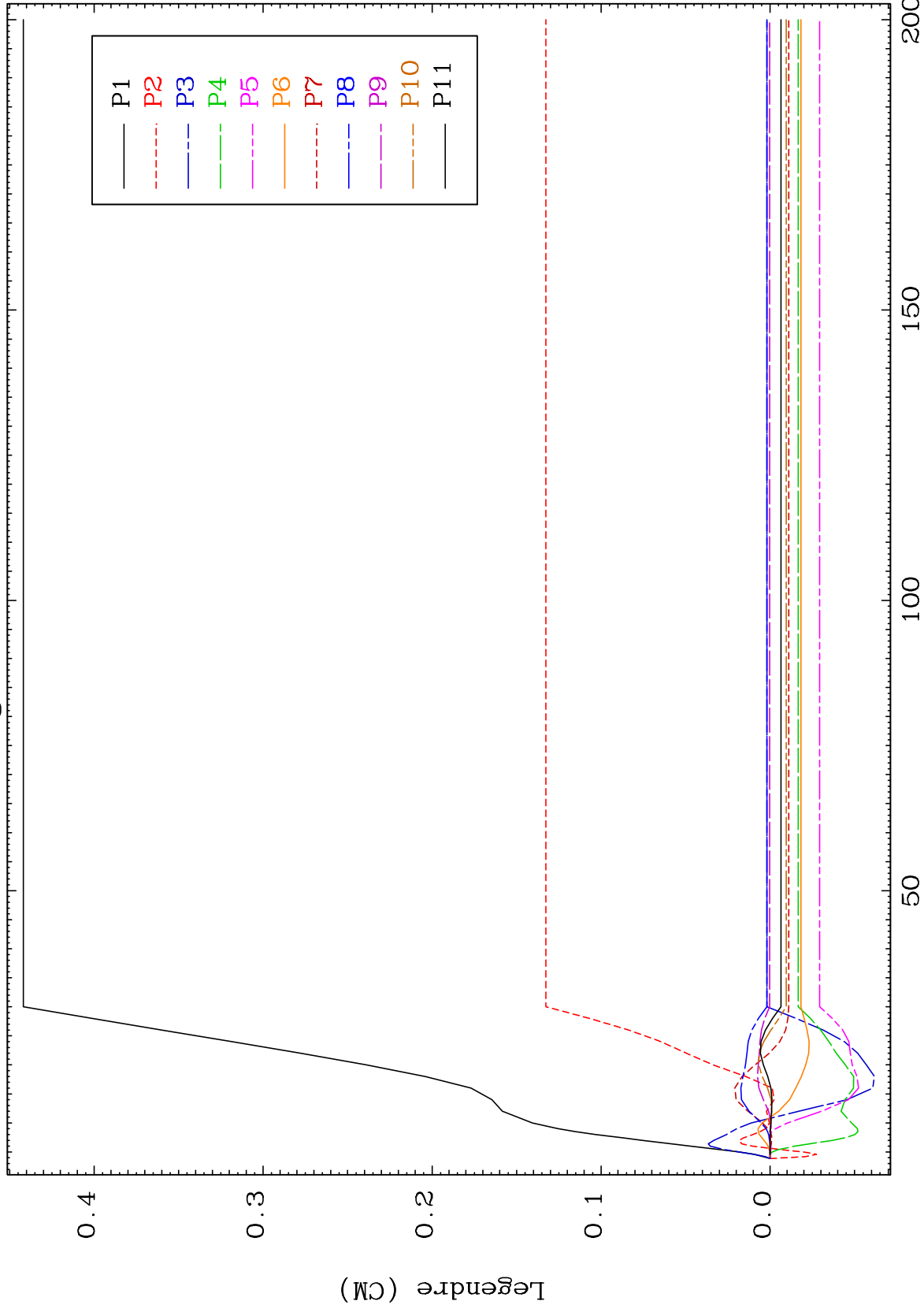




MAT 2867

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

28-Ni-72



73

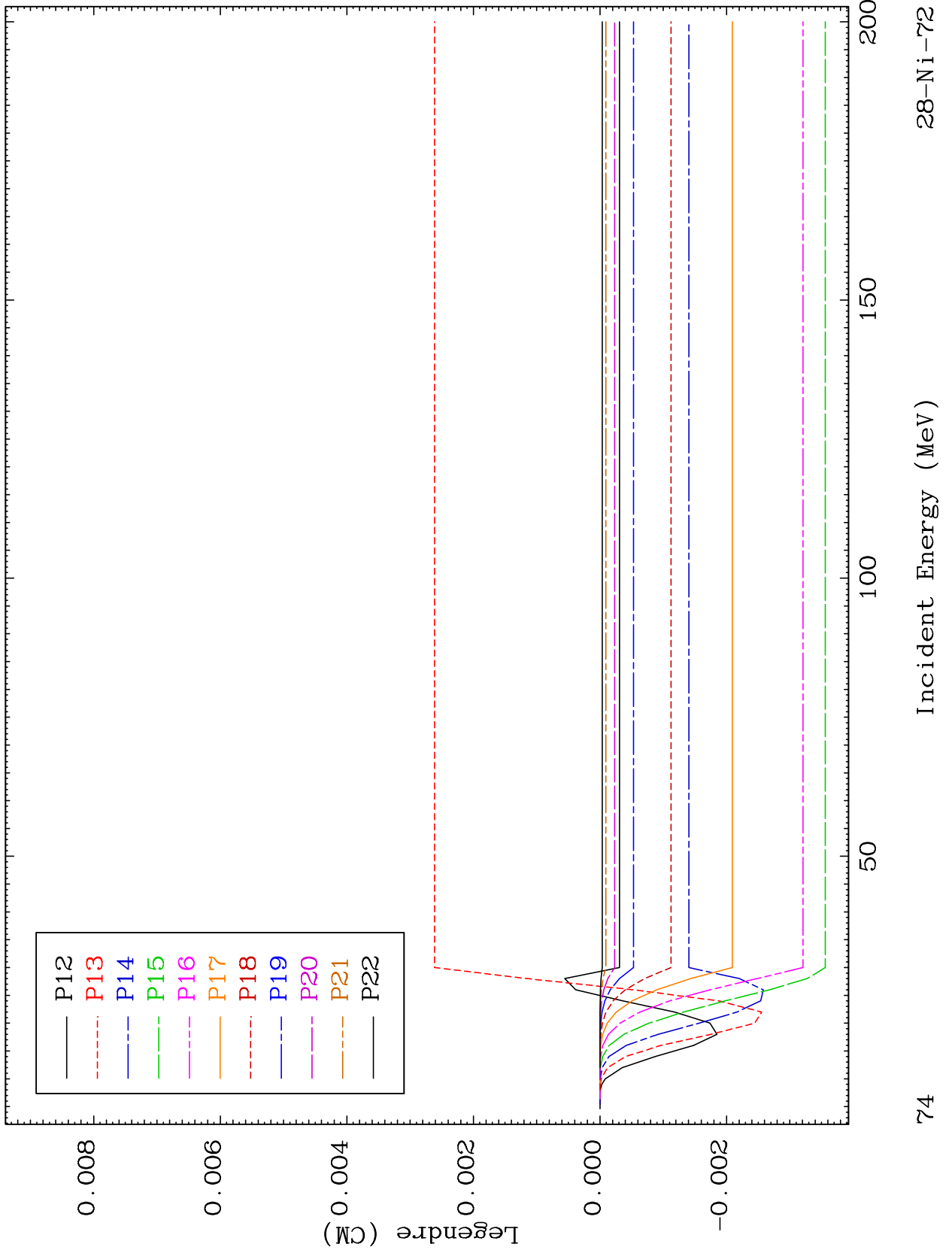
Incident Energy (MeV)

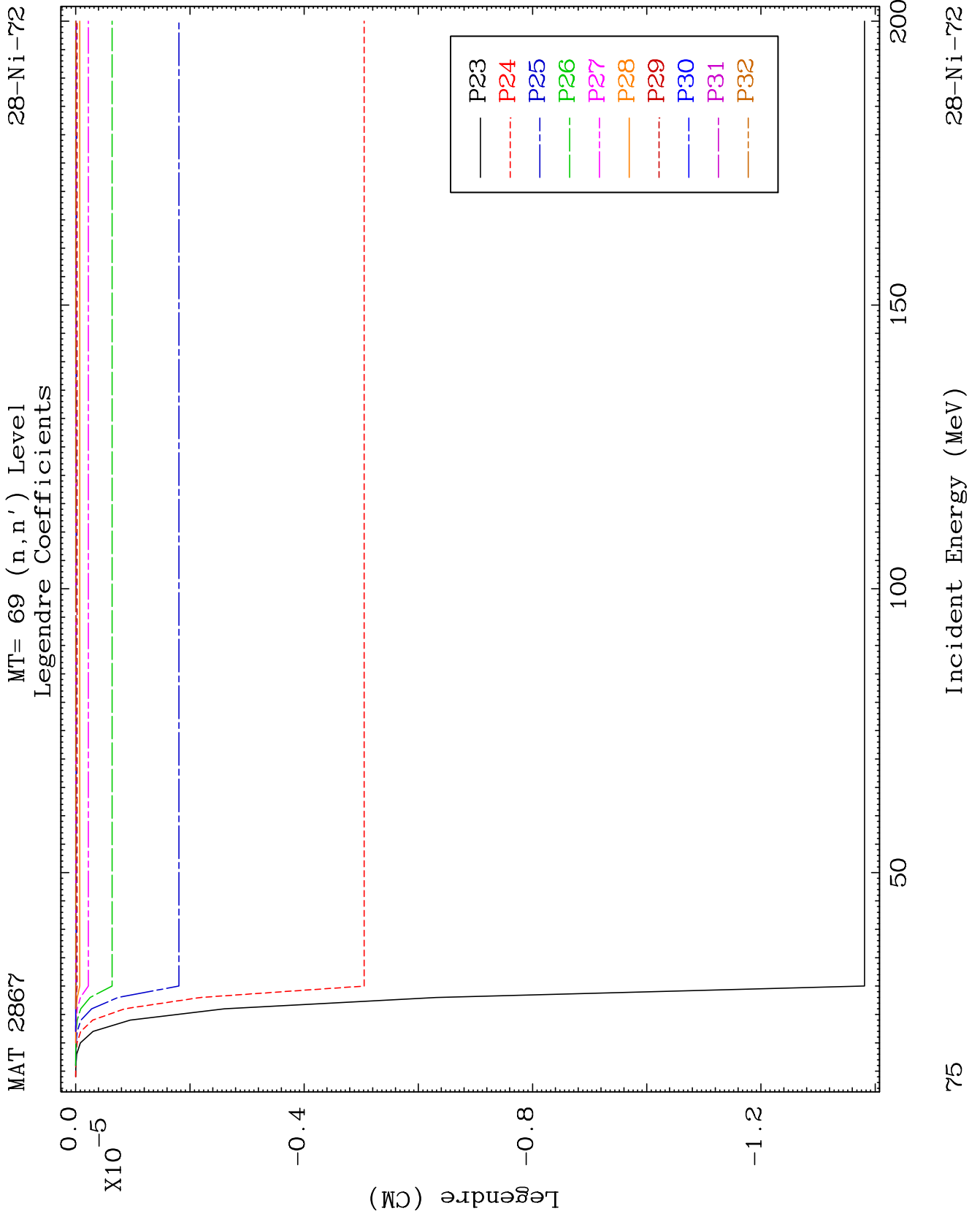
28-Ni-72

MAT 2867

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

28-Ni-72

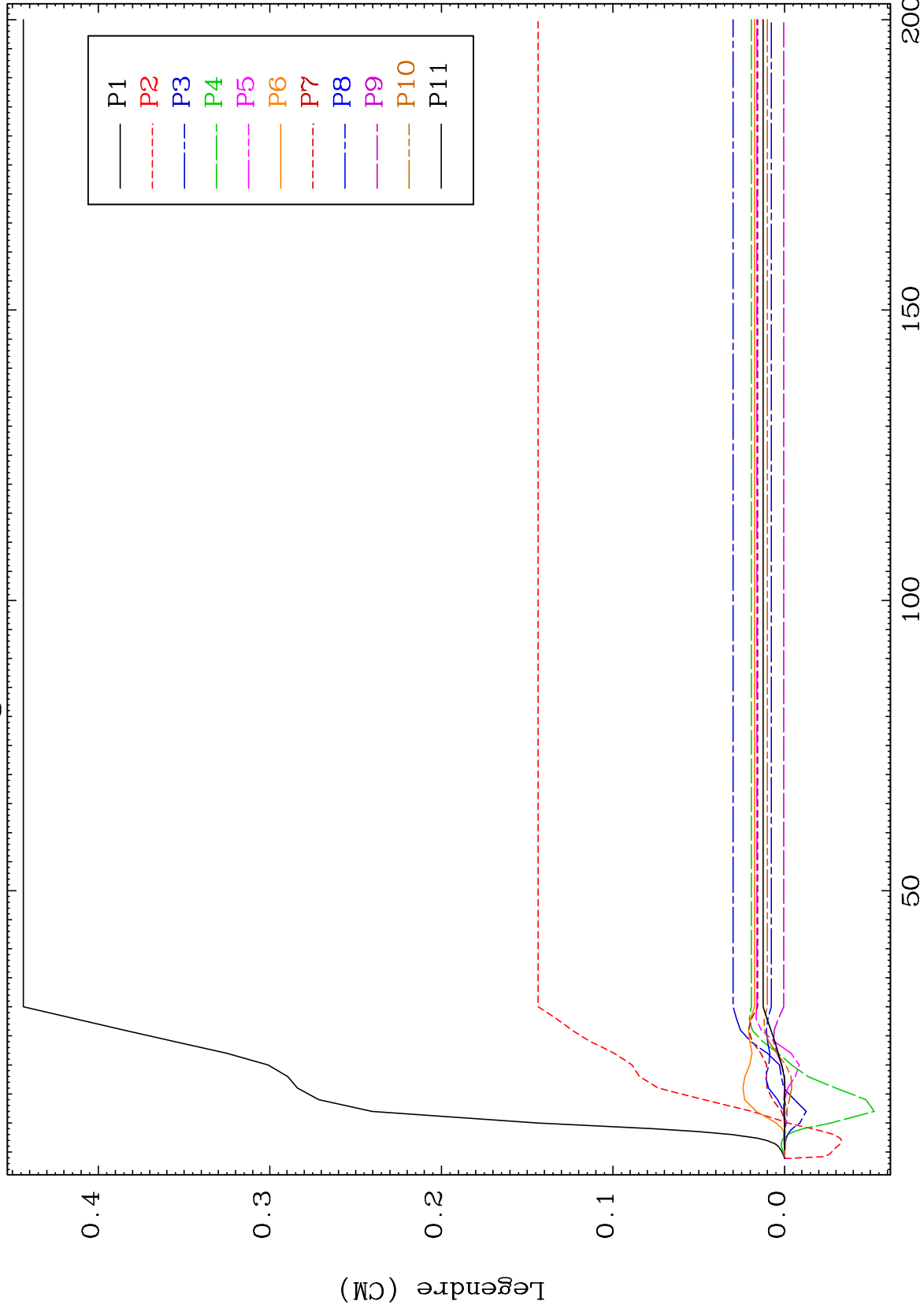




MAT 2867

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

28-Ni-72



76

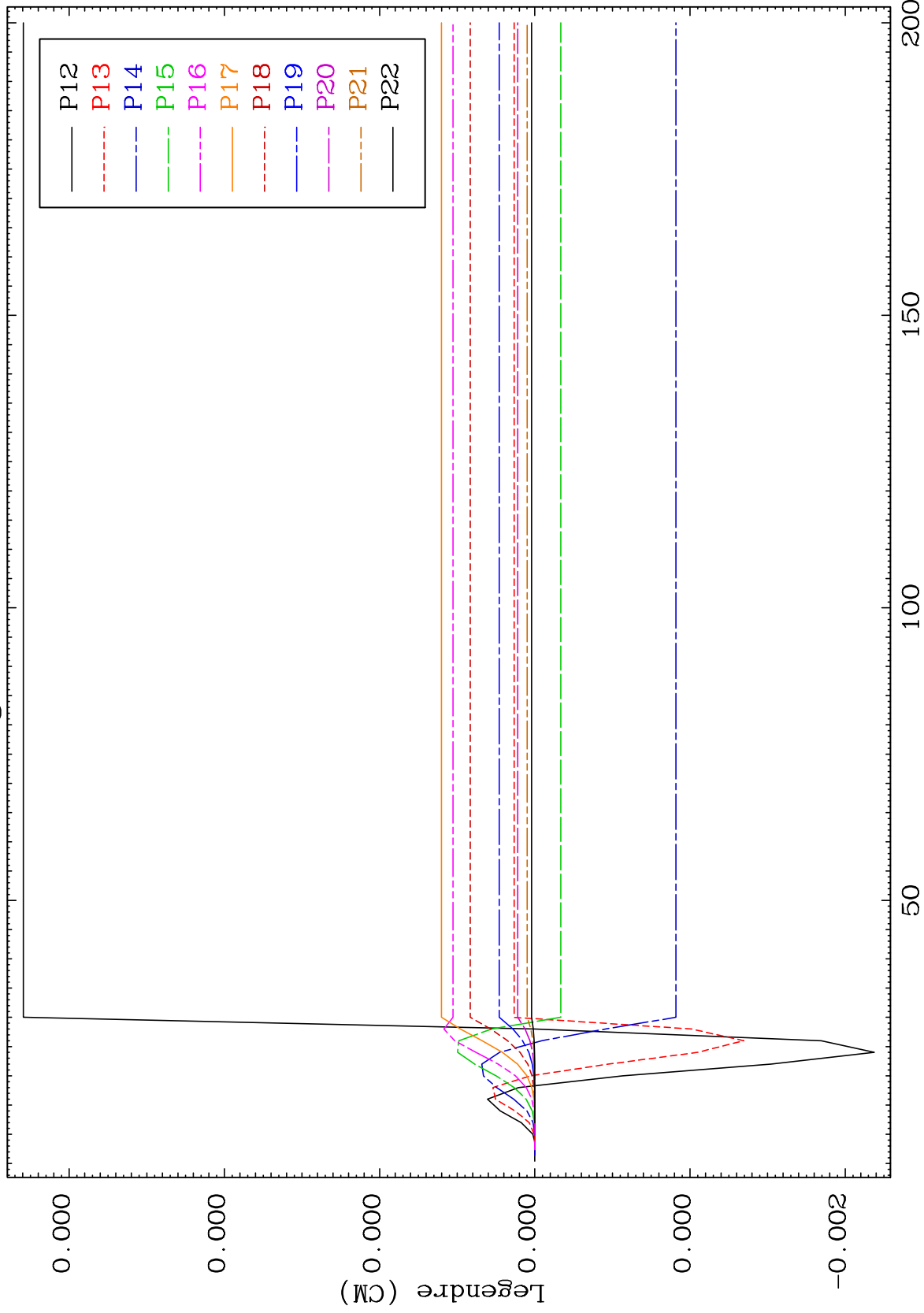
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



77

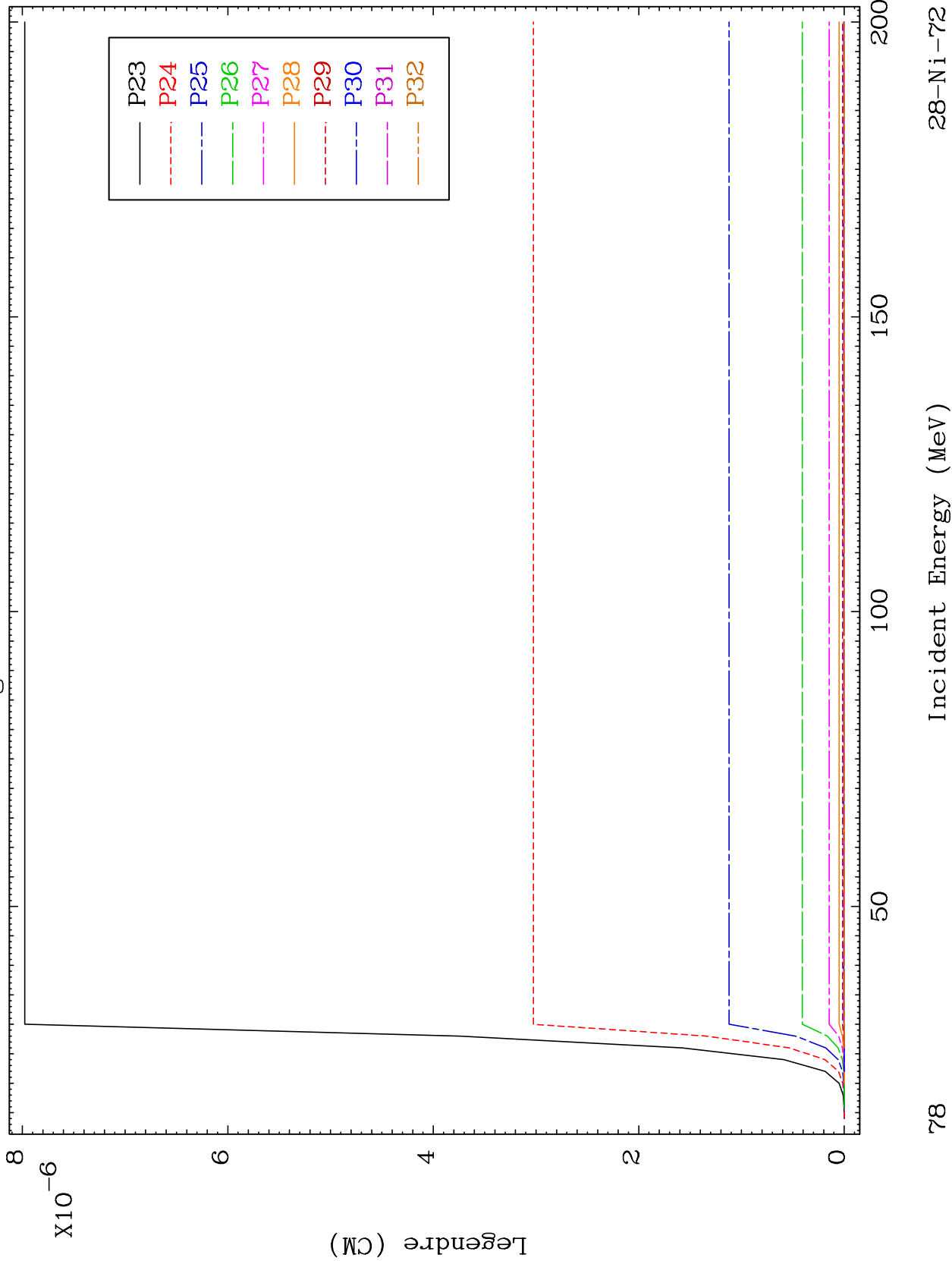
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



78

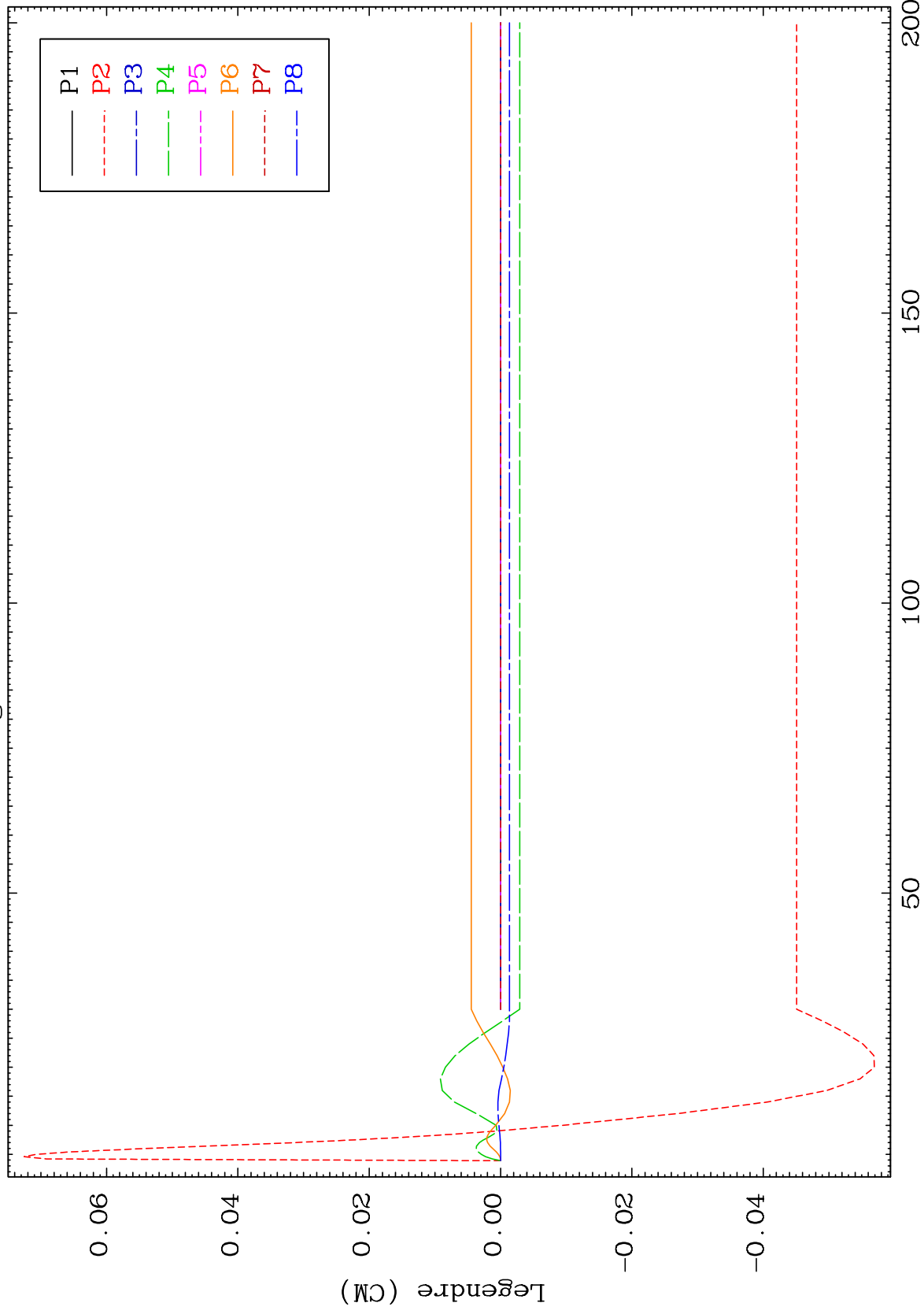
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



79

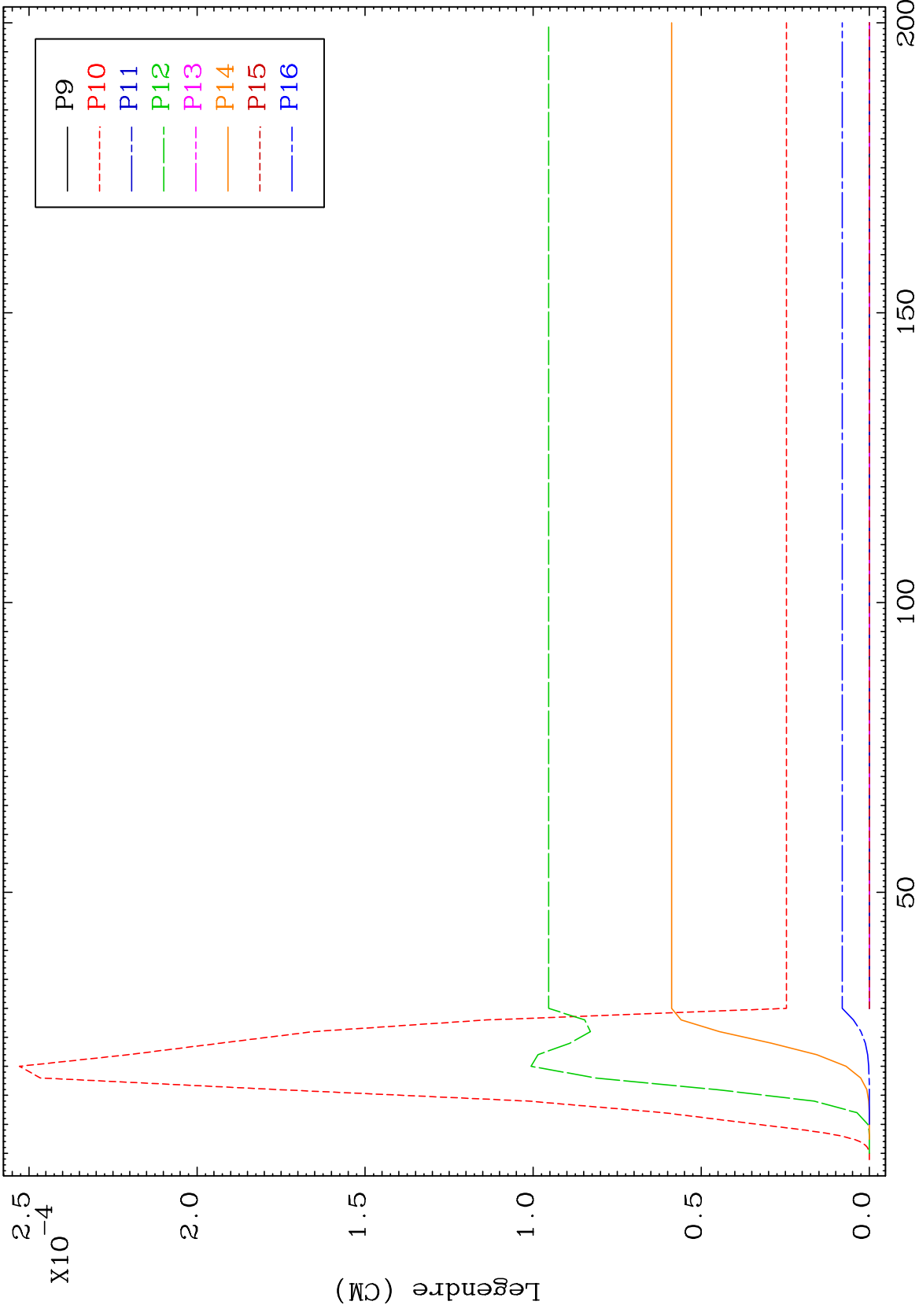
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

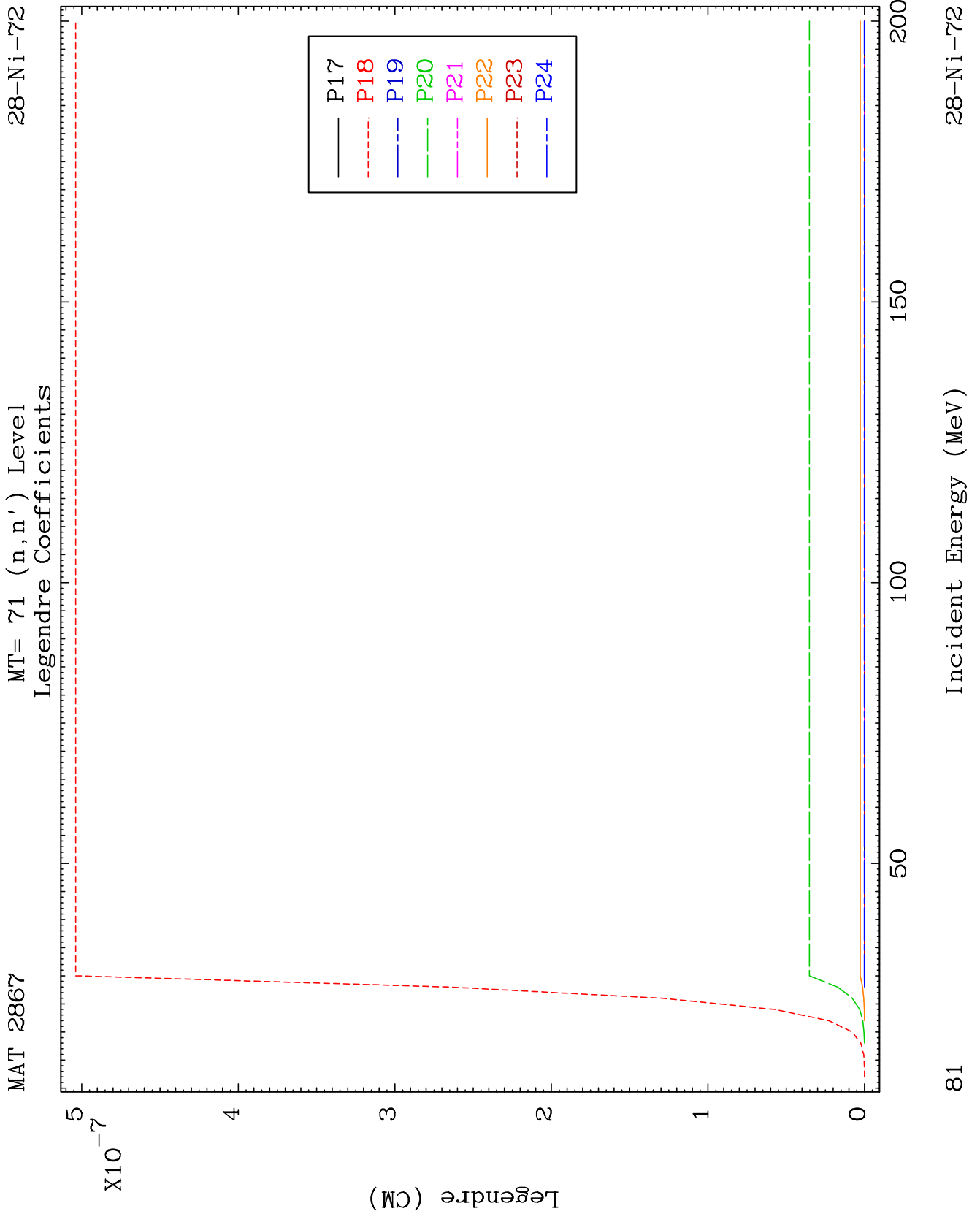
28-Ni-72



80

Incident Energy (MeV)

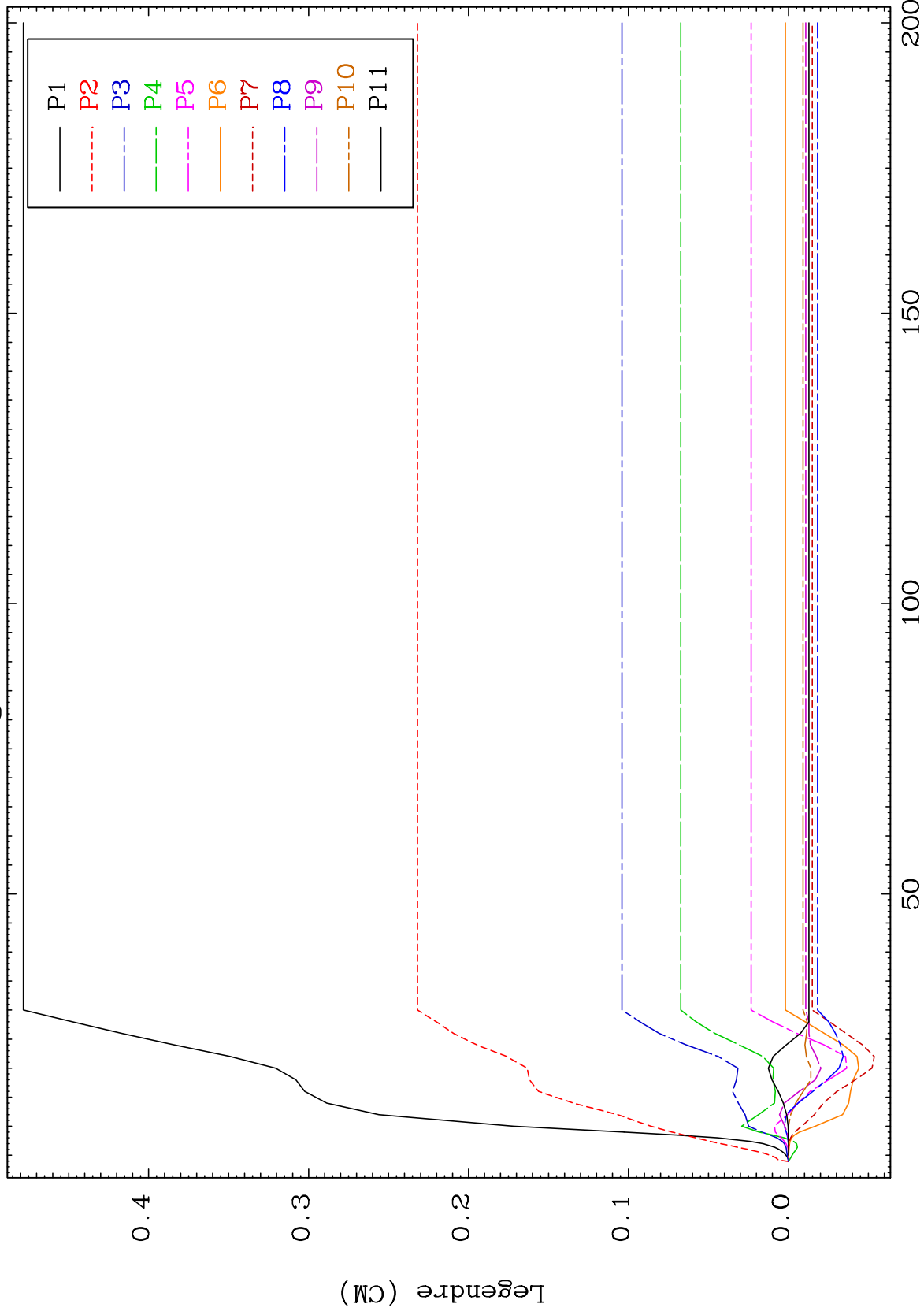
28-Ni-72



MAT 2867

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

²⁸Ni-72



82

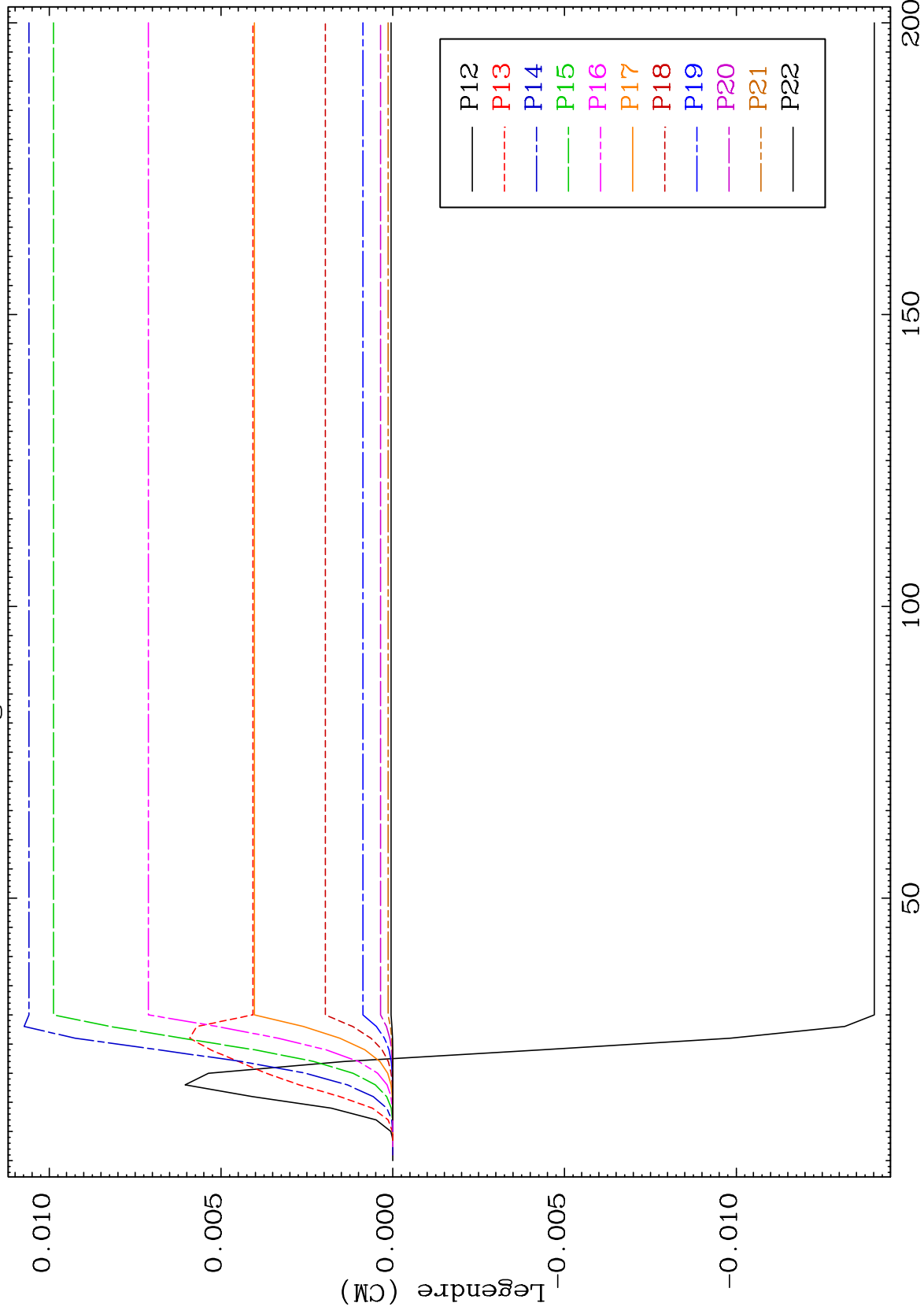
Incident Energy (MeV)

²⁸Ni-72

MAT 2867

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

28-Ni-72



83

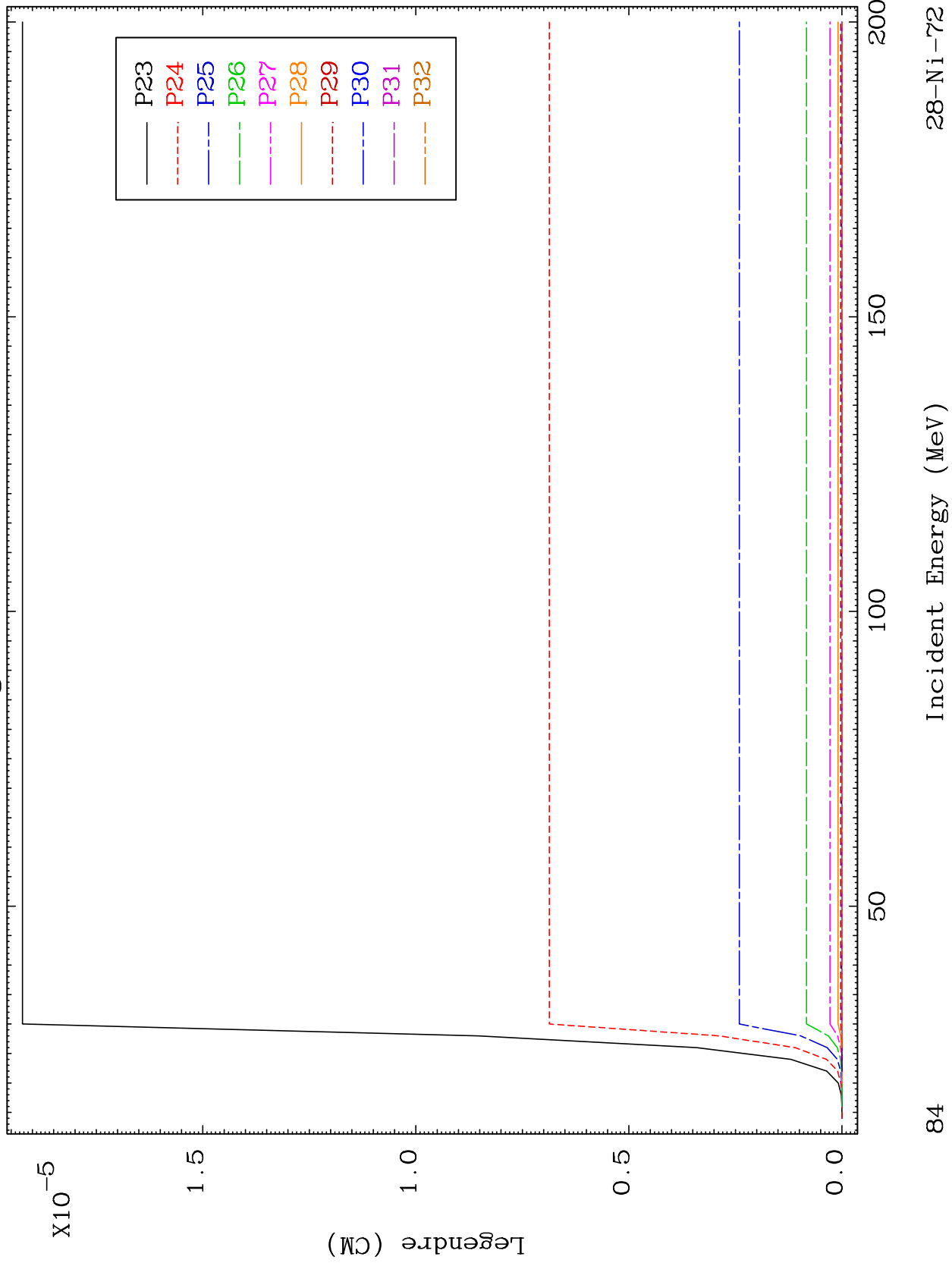
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

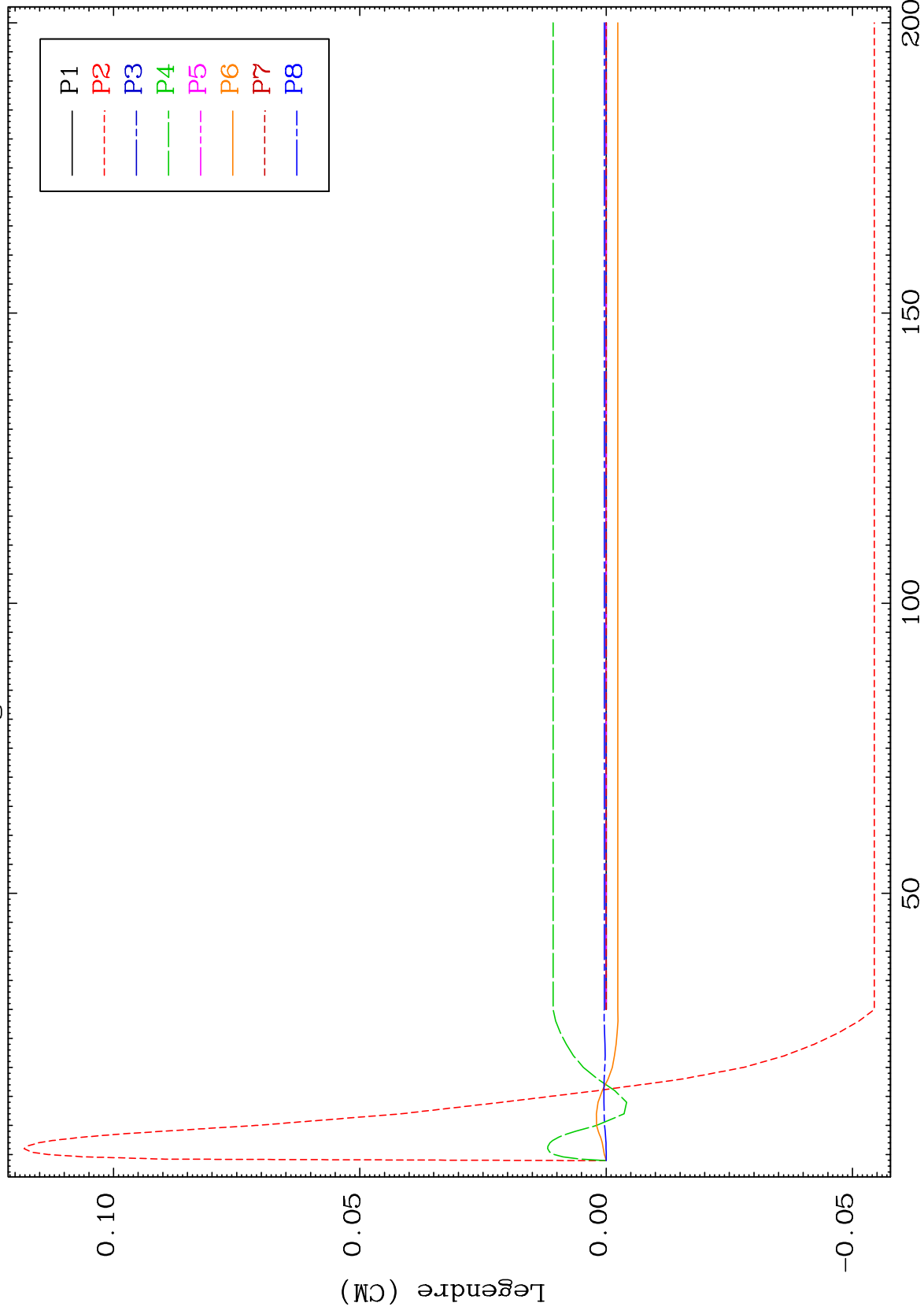


84

MAT 2867

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

28-Ni-72



85

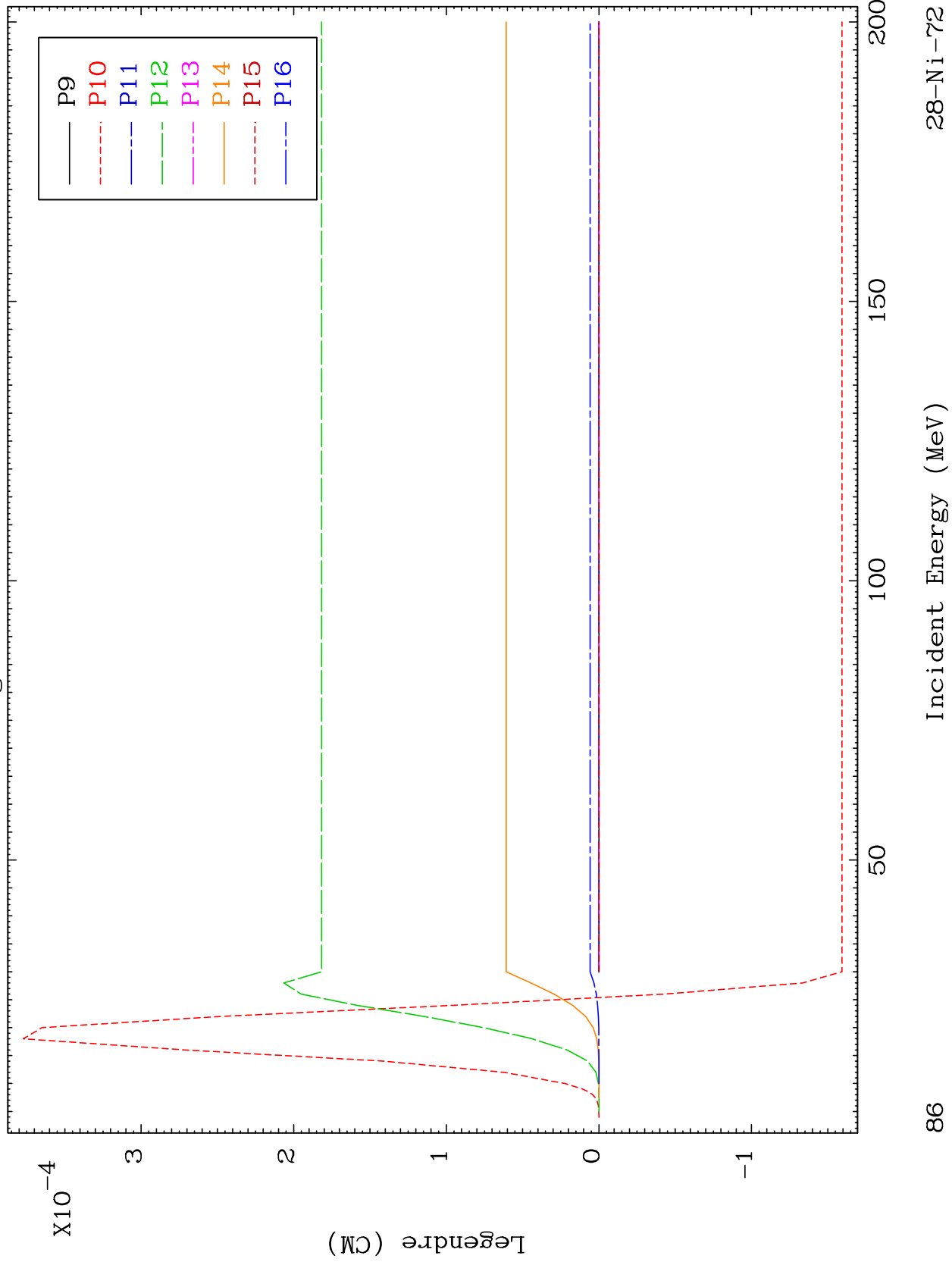
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



86

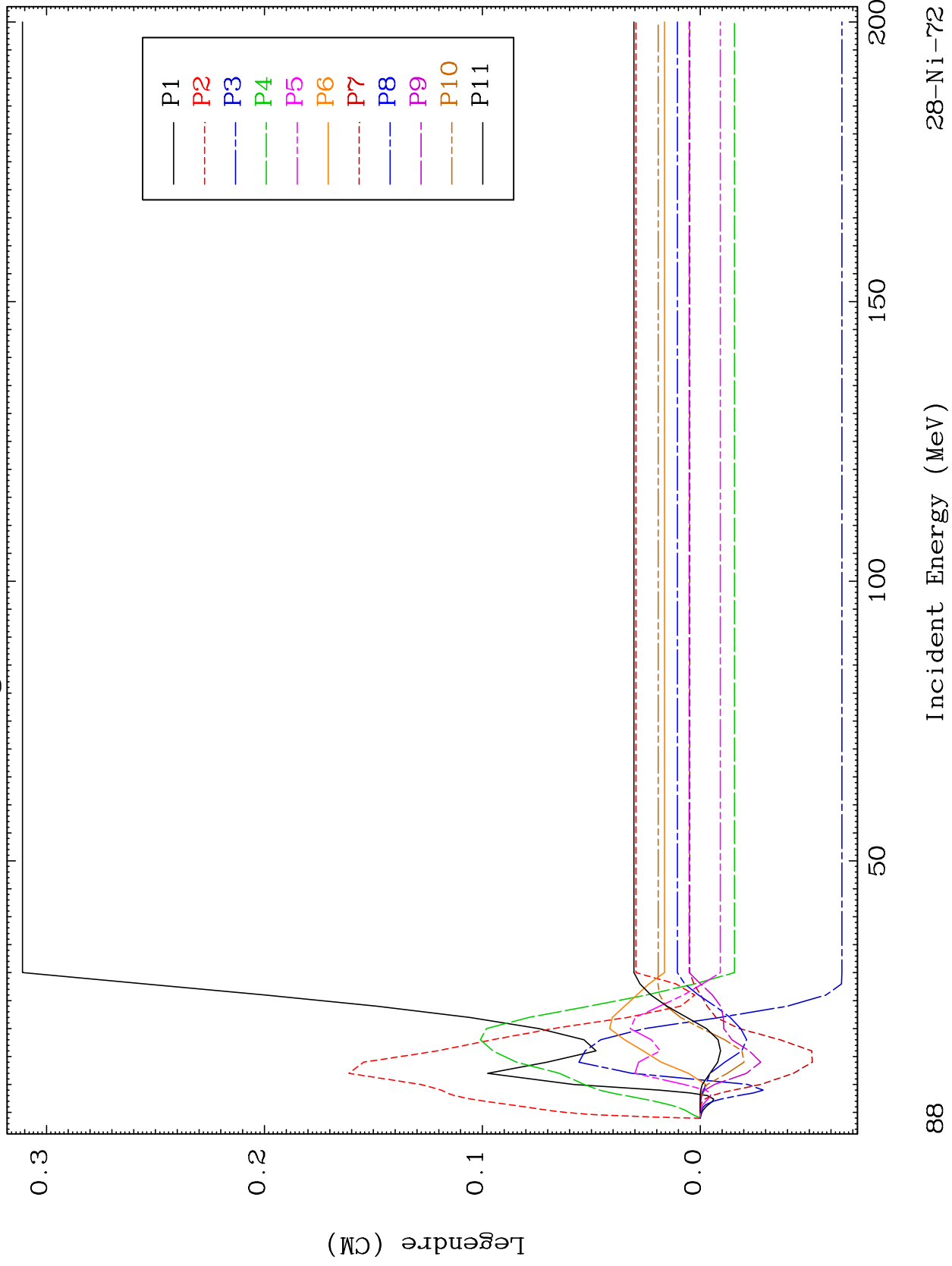
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

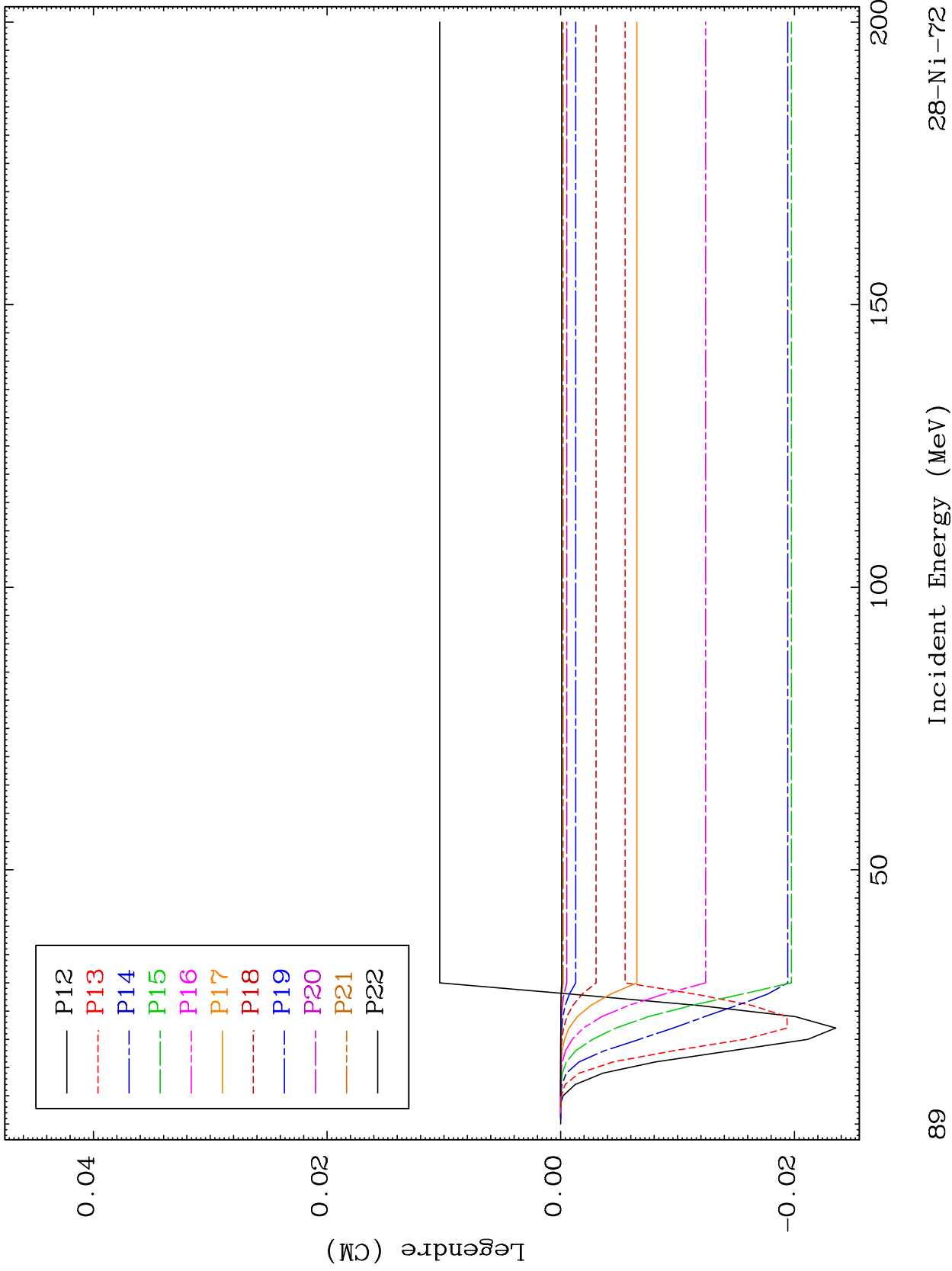
28-Ni-72

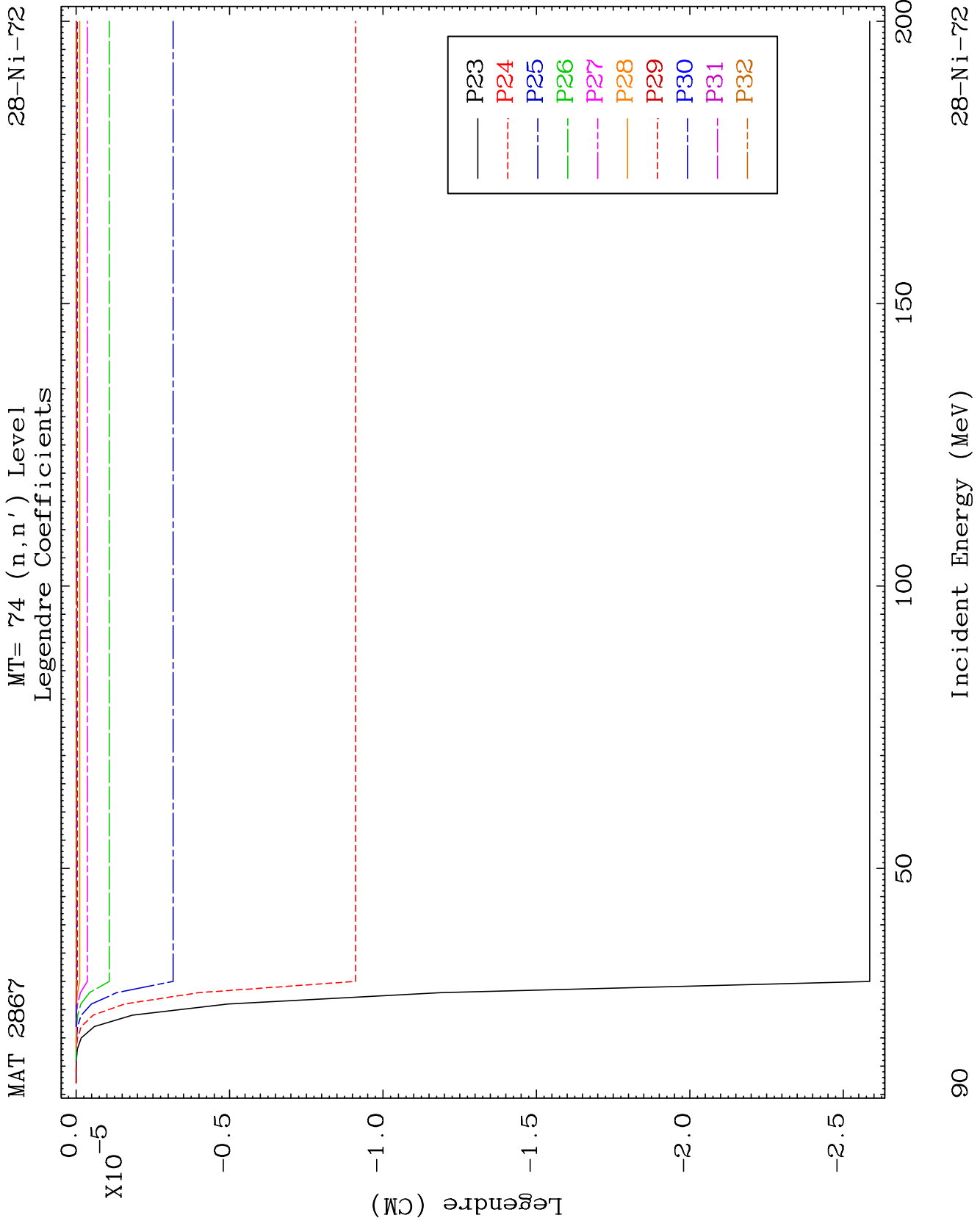


MAT 2867

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

28-Ni-72

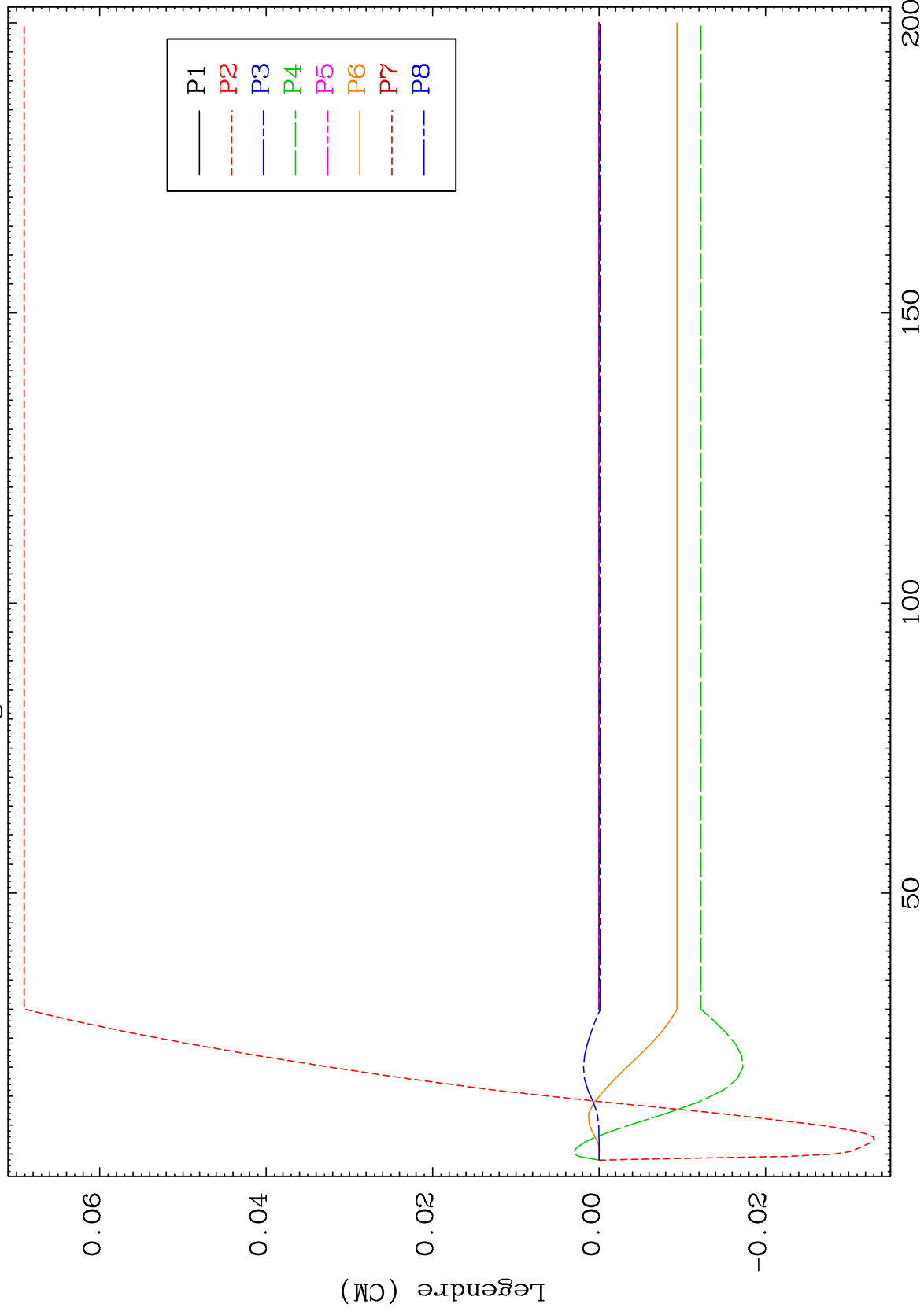




MAT 2867

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

28-Ni-72



91

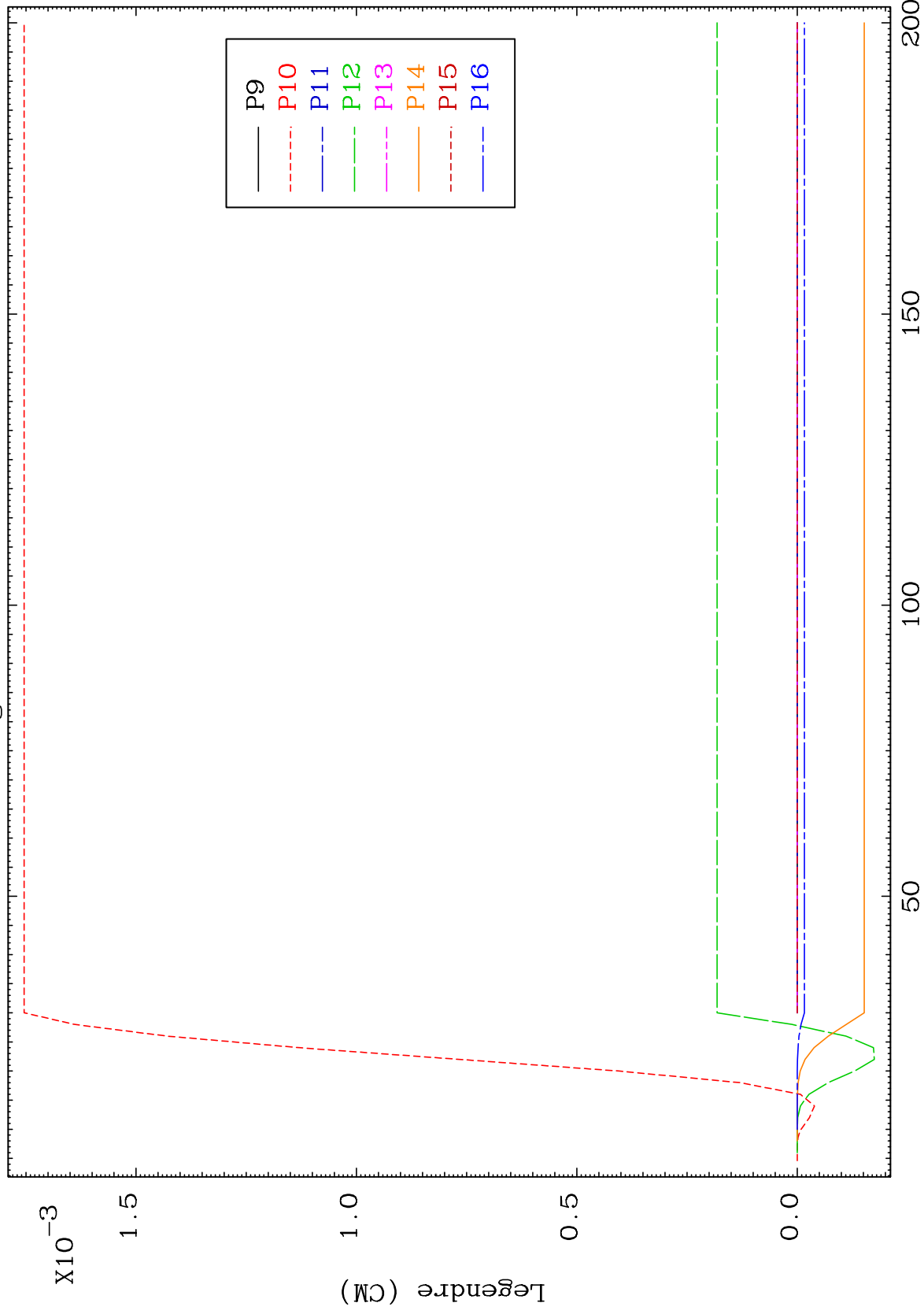
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

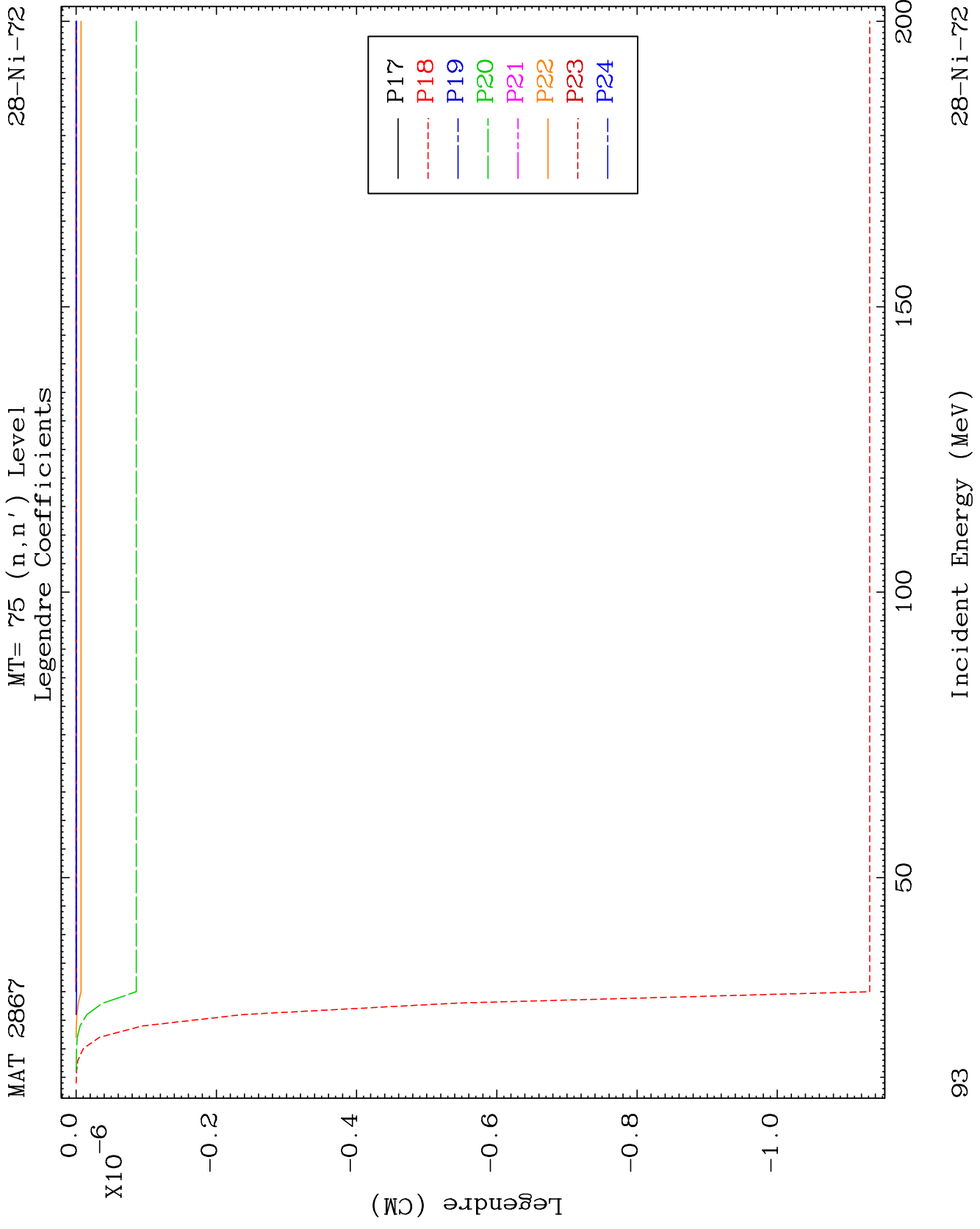
28-Ni-72



92

Incident Energy (MeV)

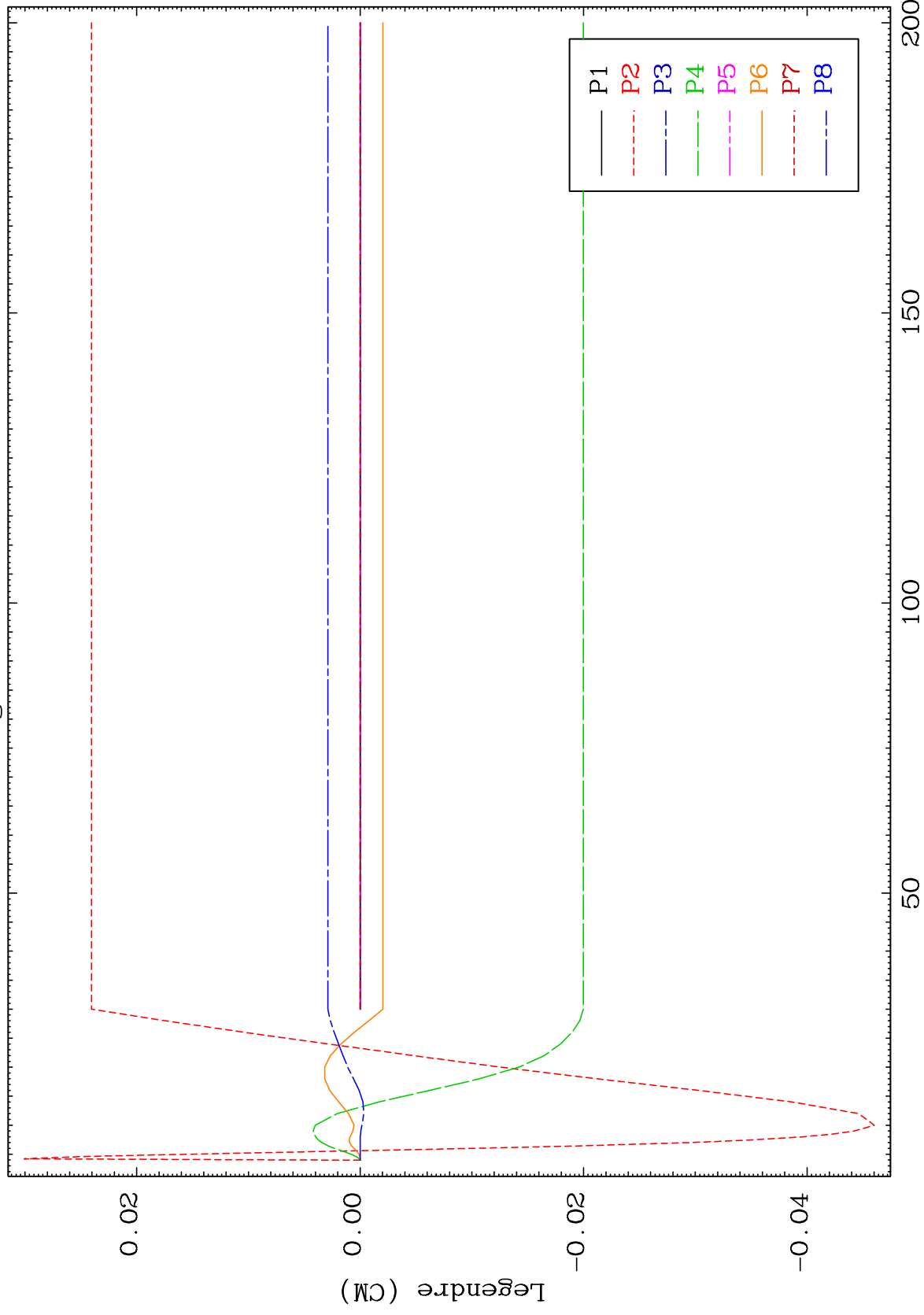
28-Ni-72



MAT 2867

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

28-Ni-72



94

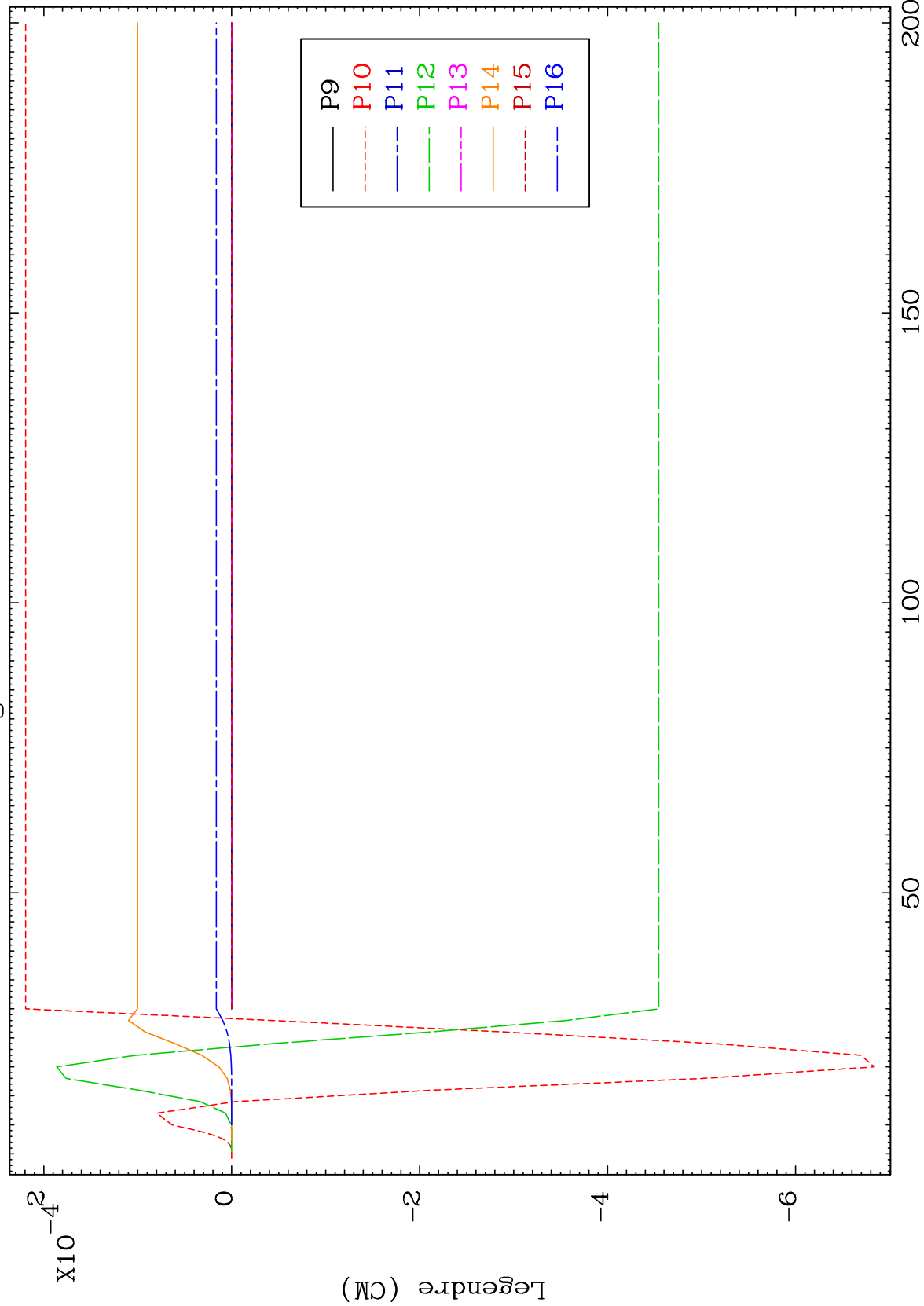
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

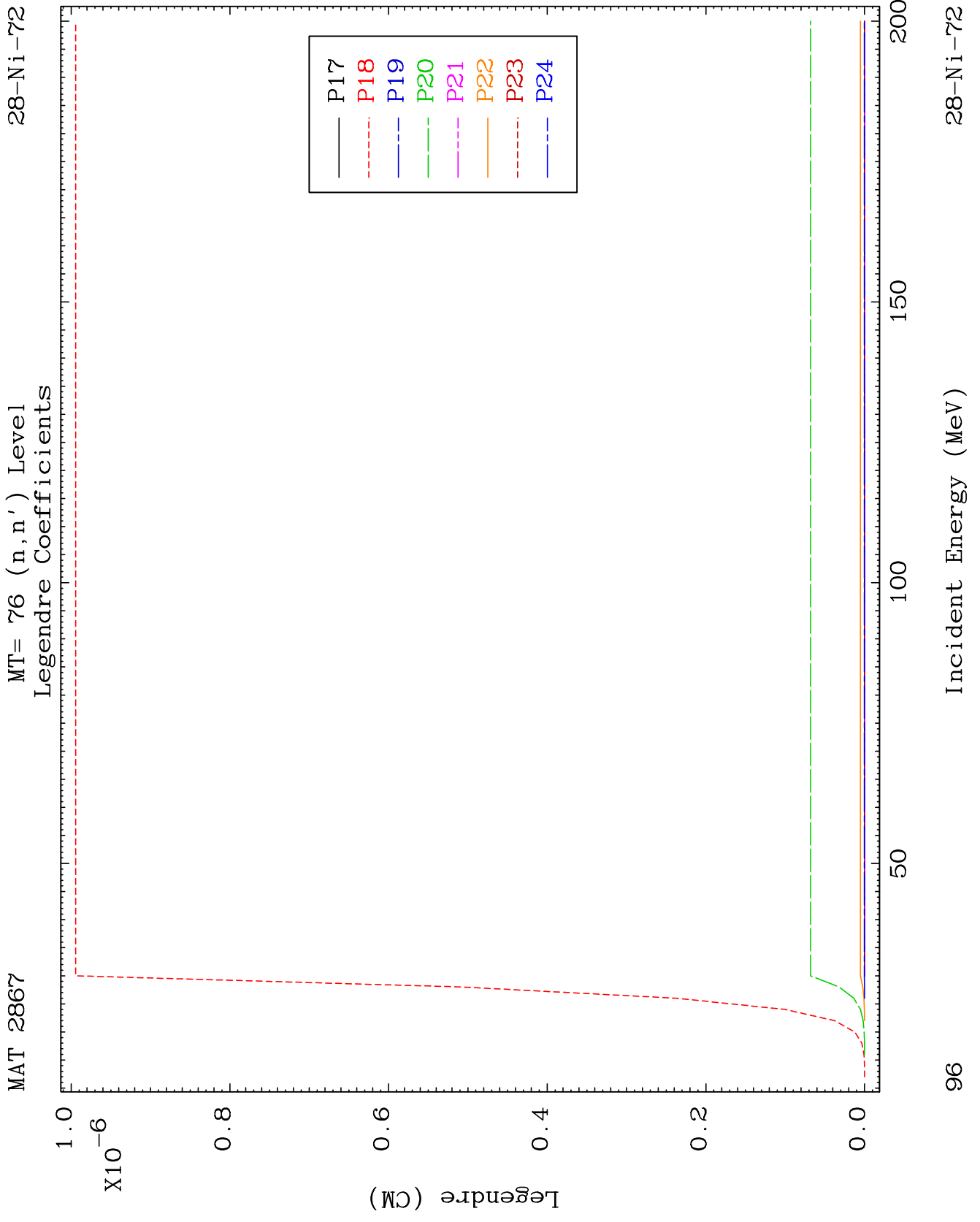
28-Ni-72



95

Incident Energy (MeV)

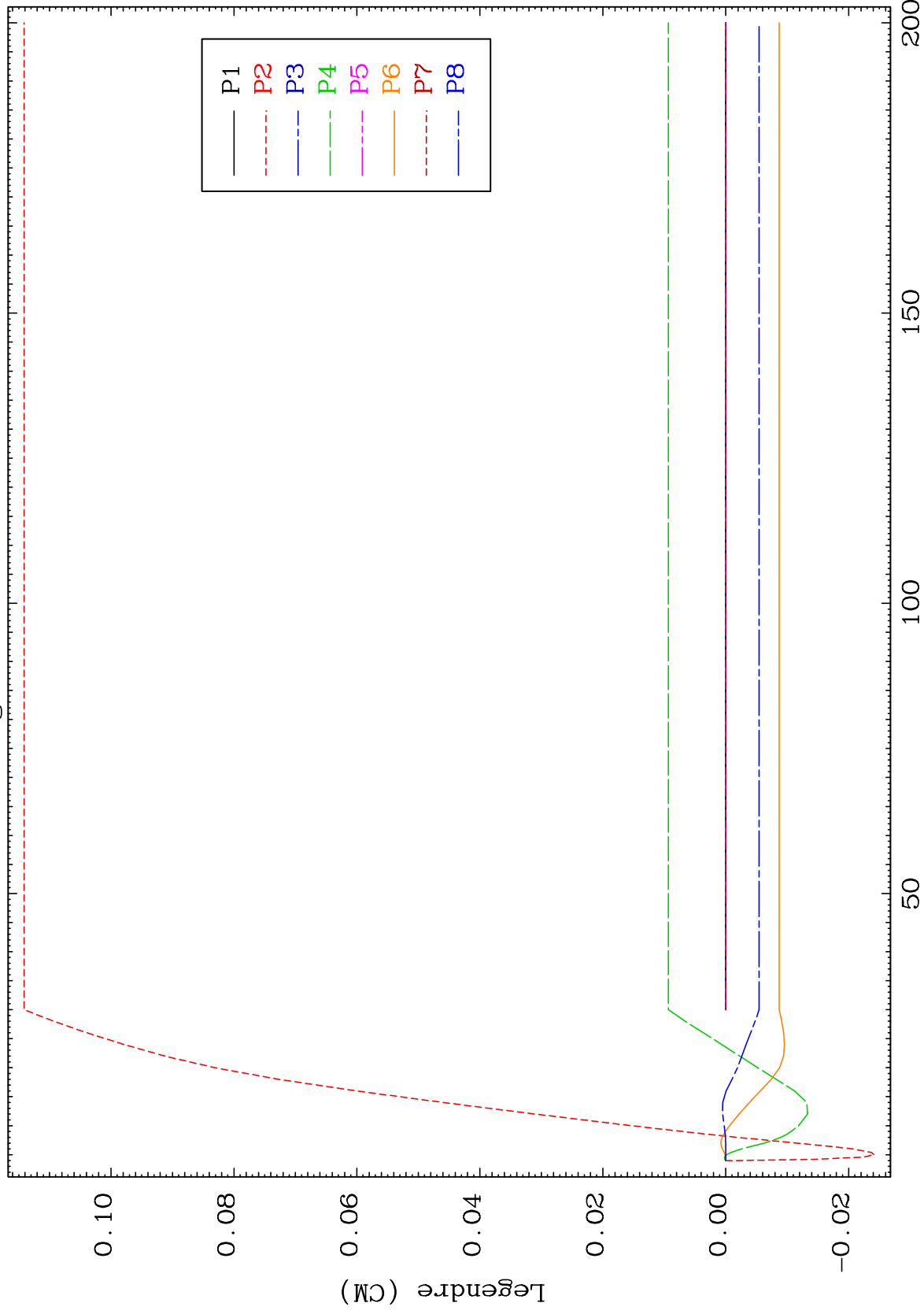
28-Ni-72



MAT 2867

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

28-Ni-72



97

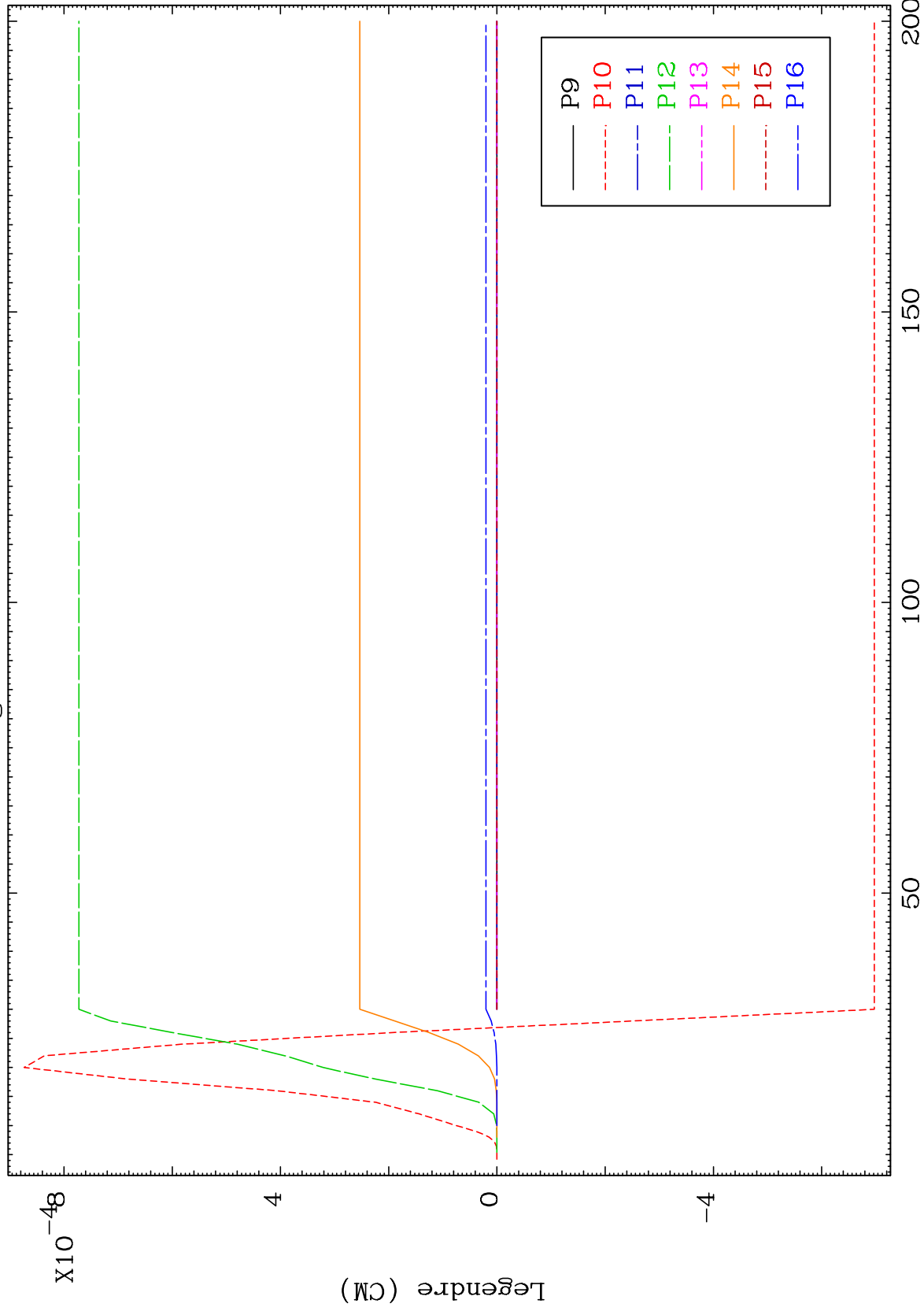
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



98

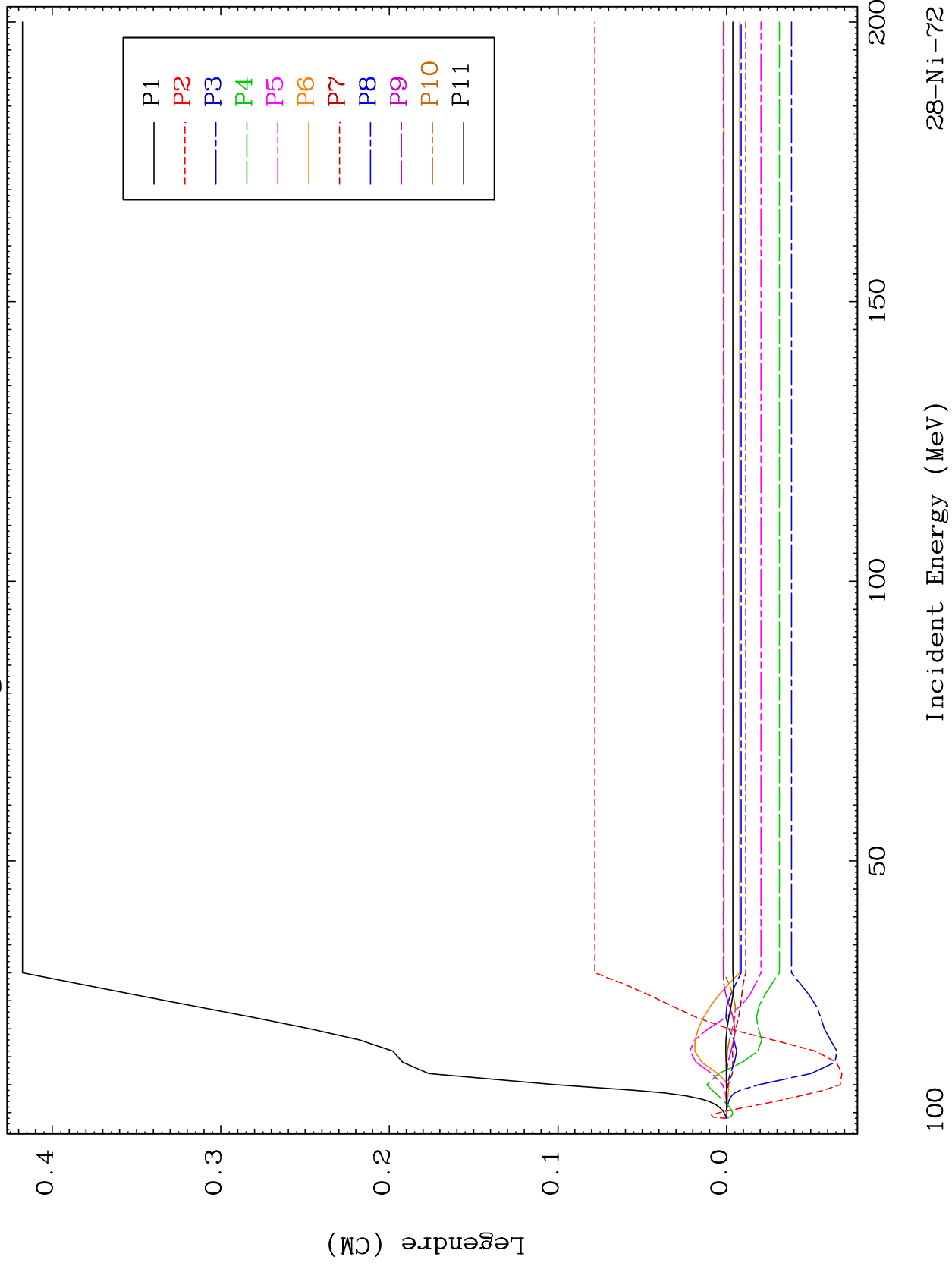
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

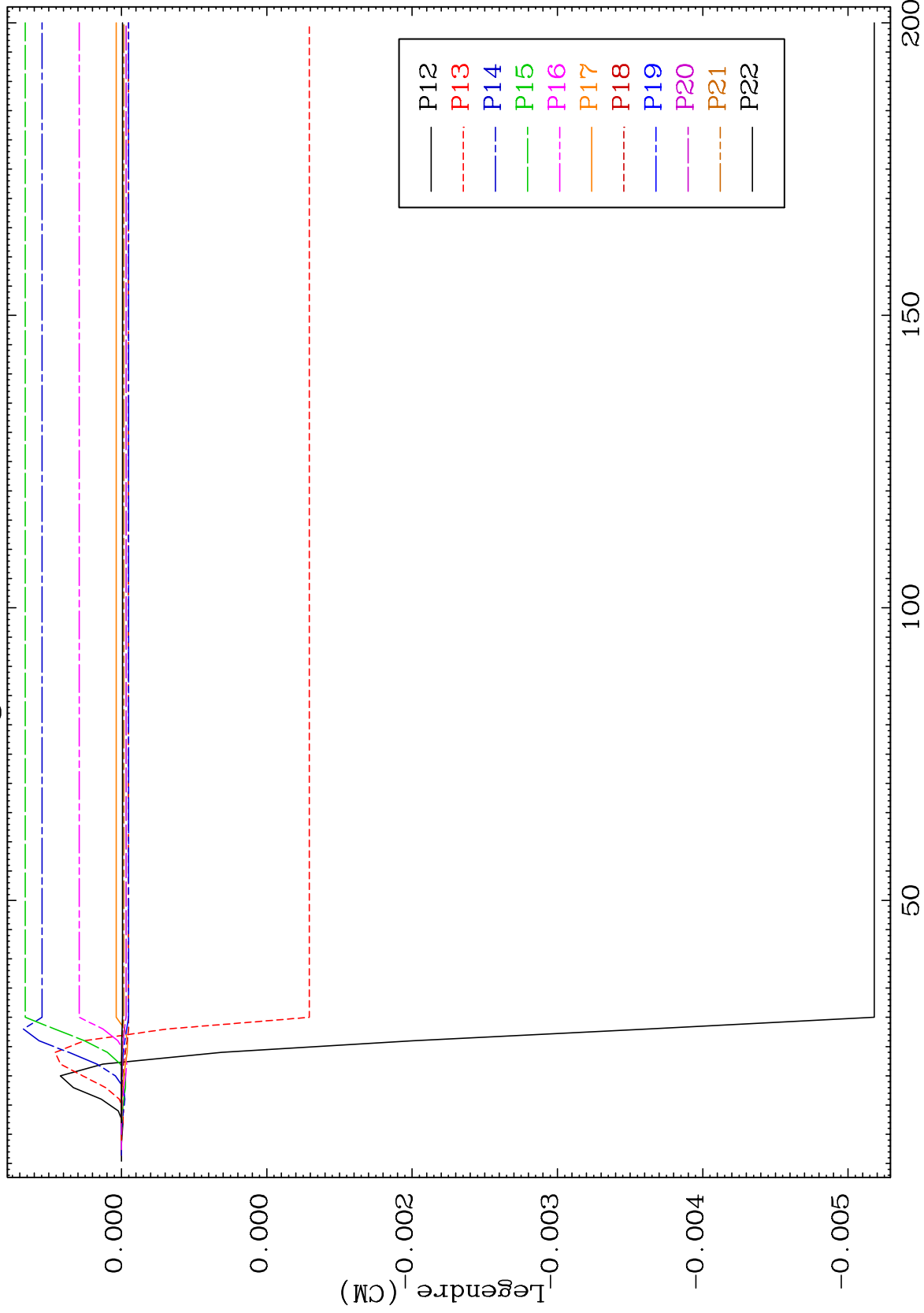
Incident Energy (MeV)

100

MAT 2867

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

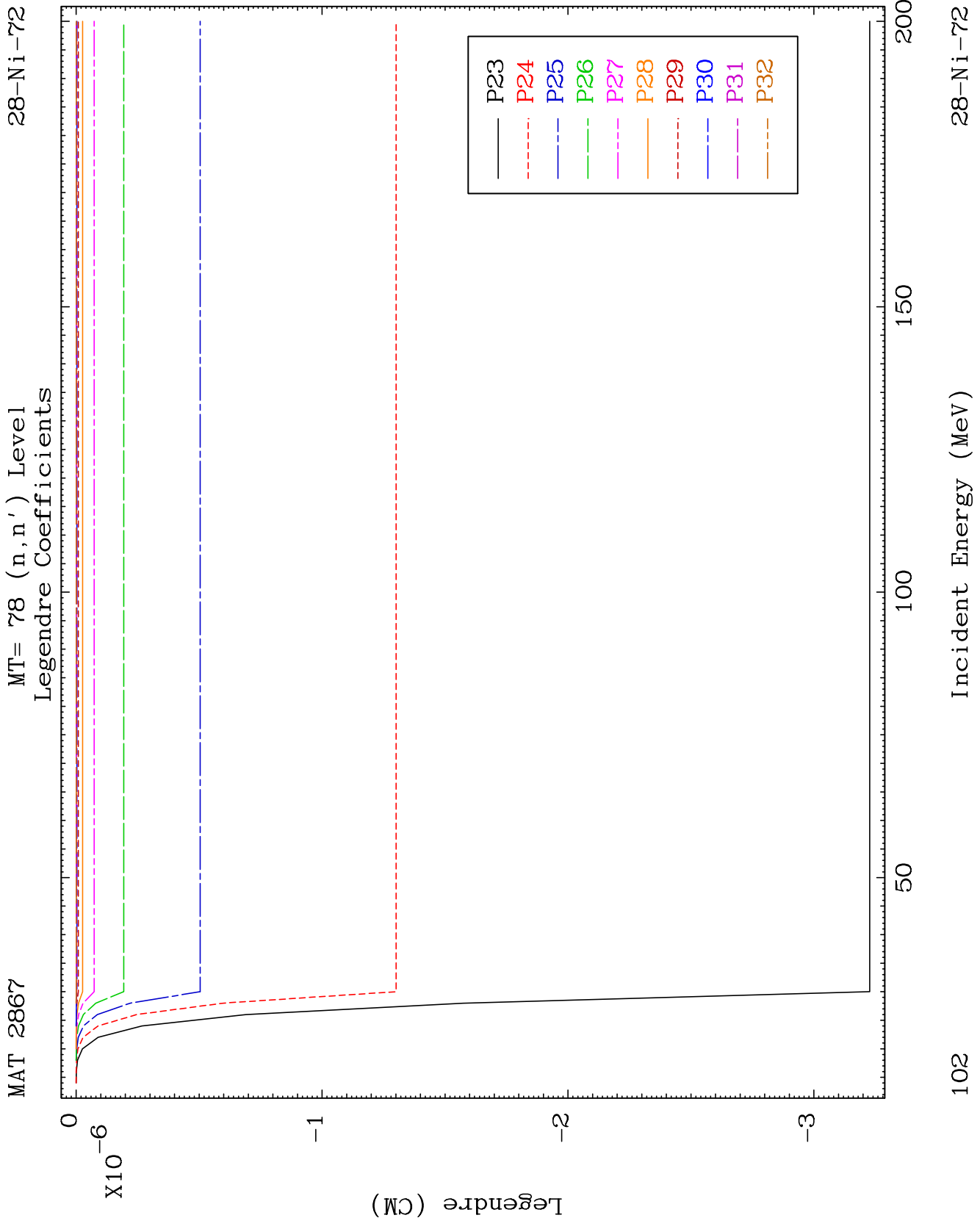
28-Ni-72

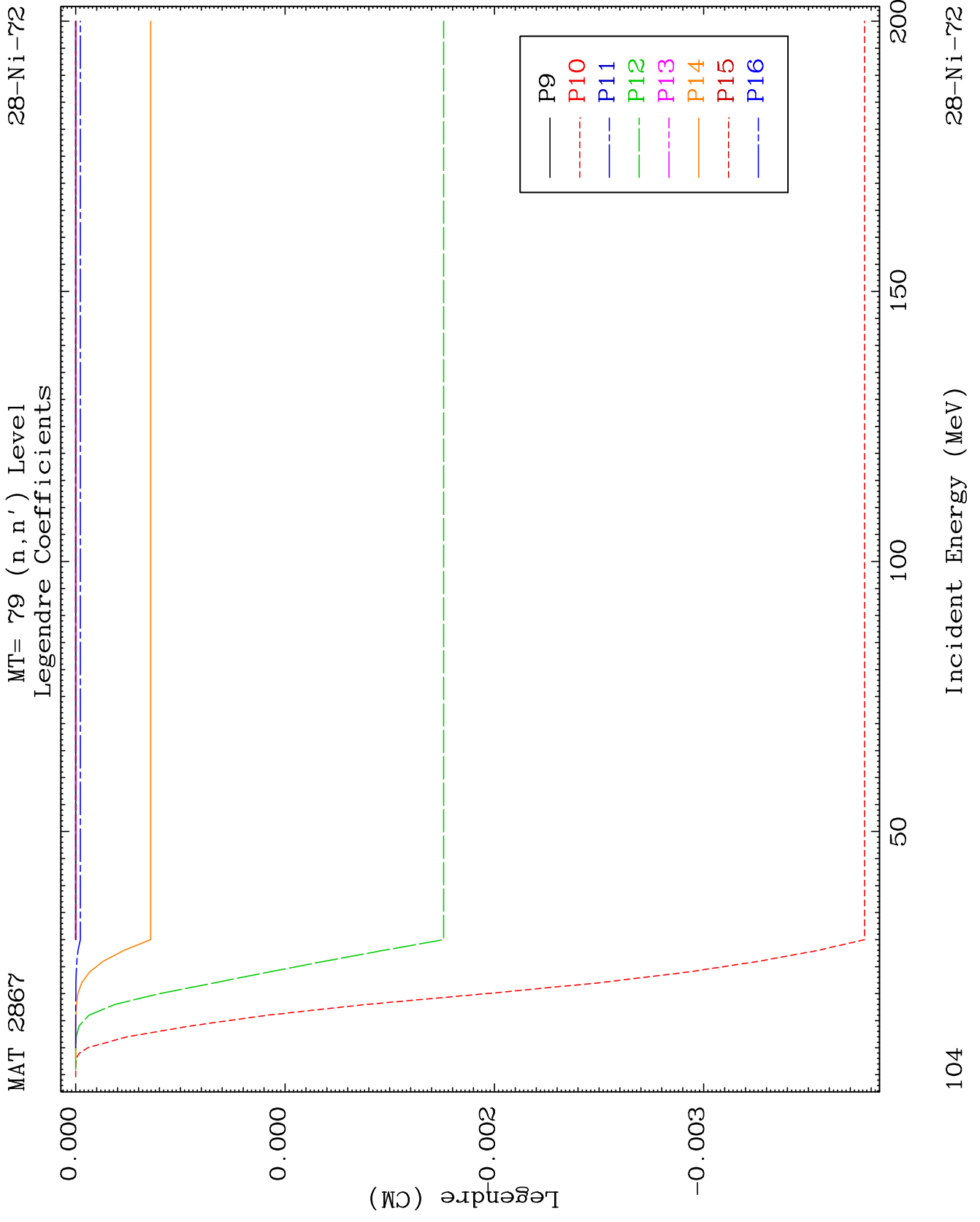


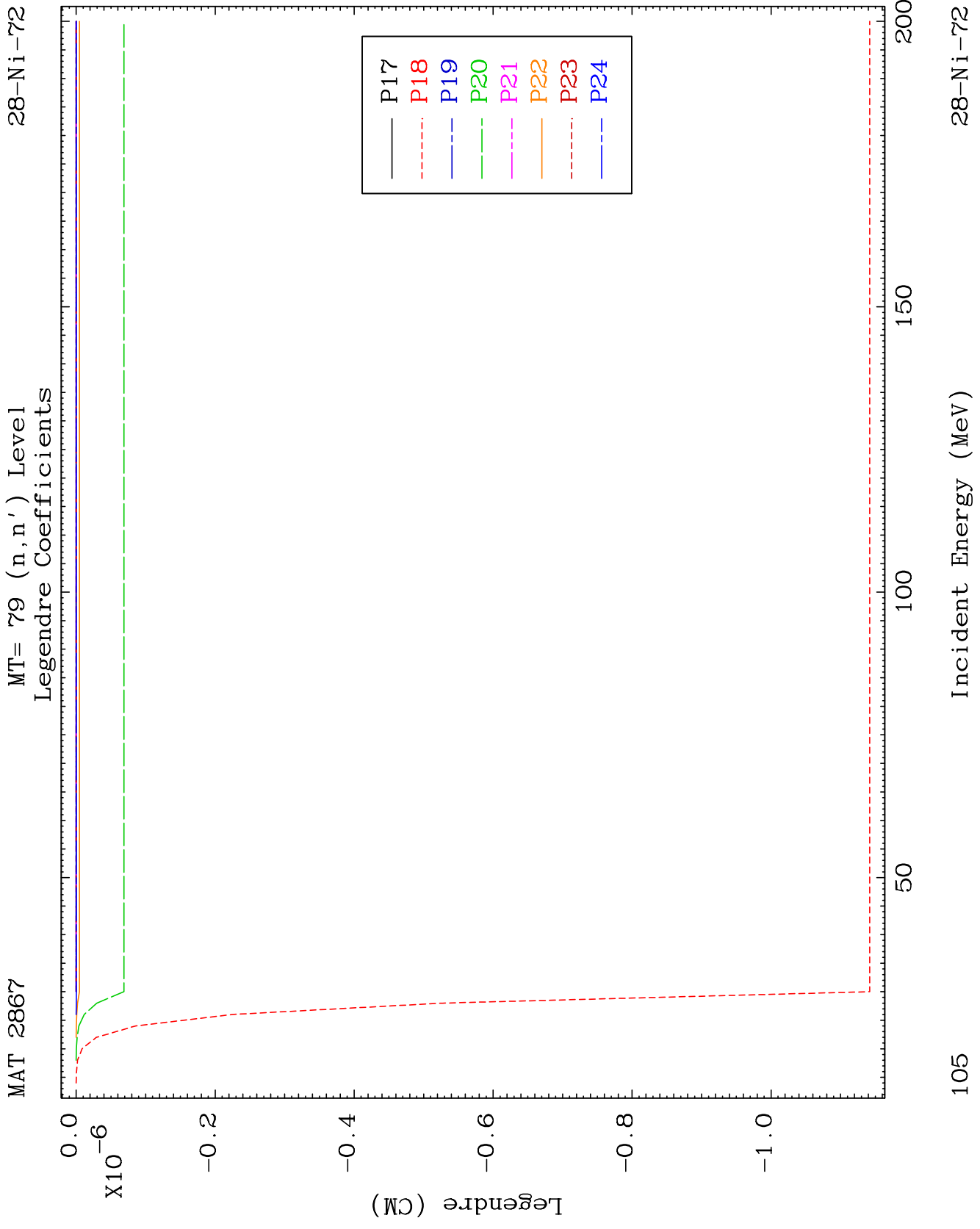
101

Incident Energy (MeV)

28-Ni-72



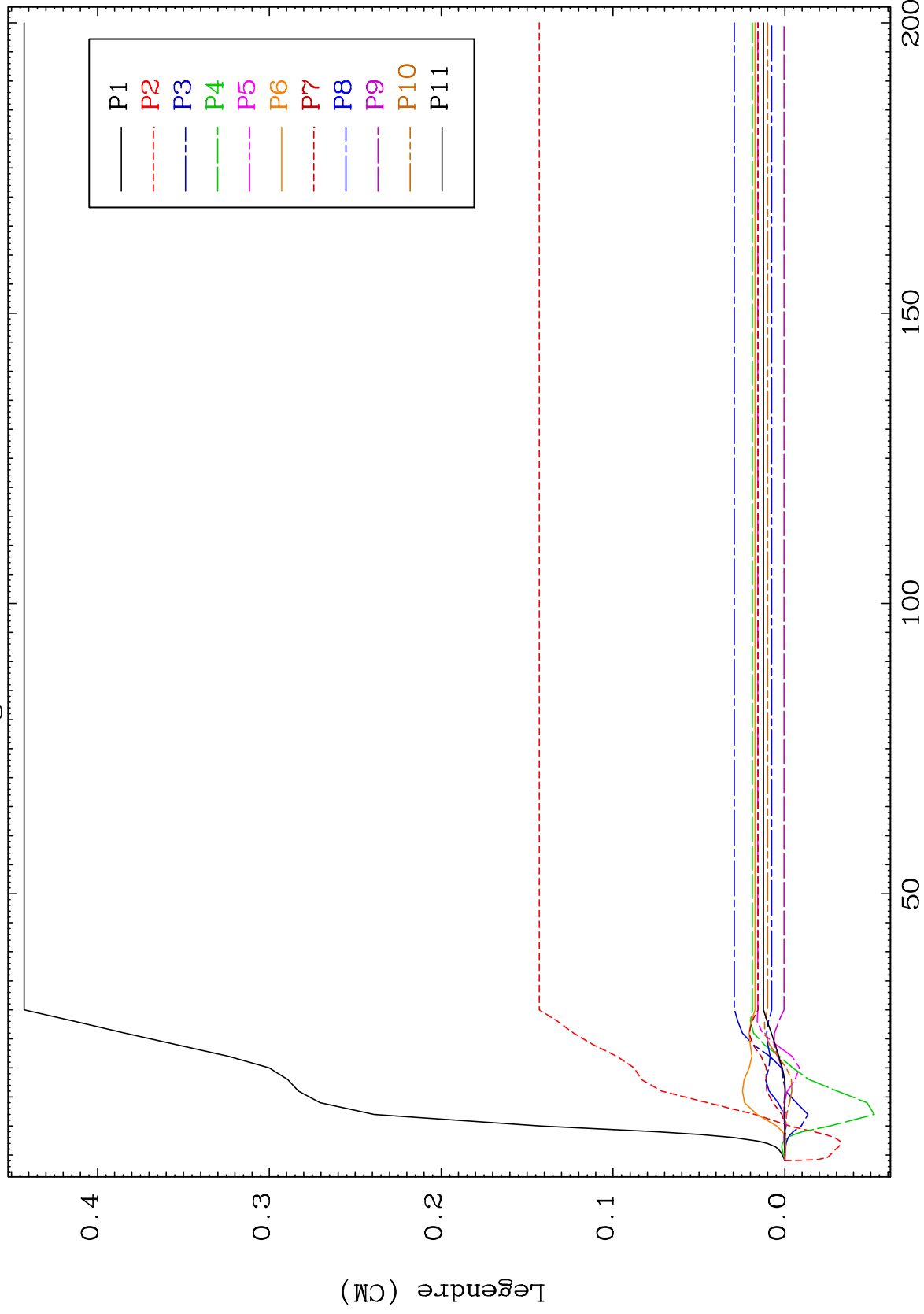




MAT 2867

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

28-Ni-72



106

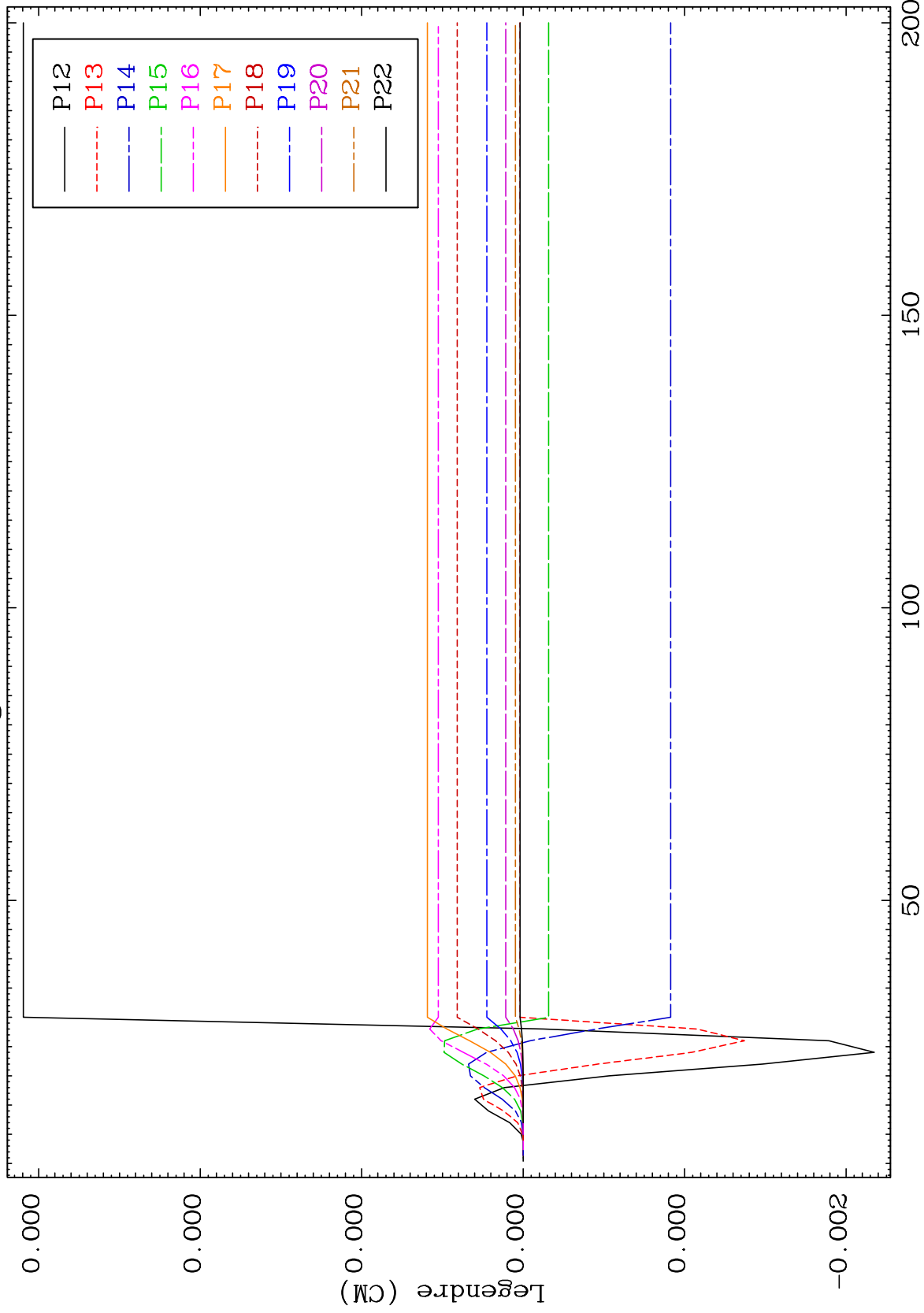
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



107

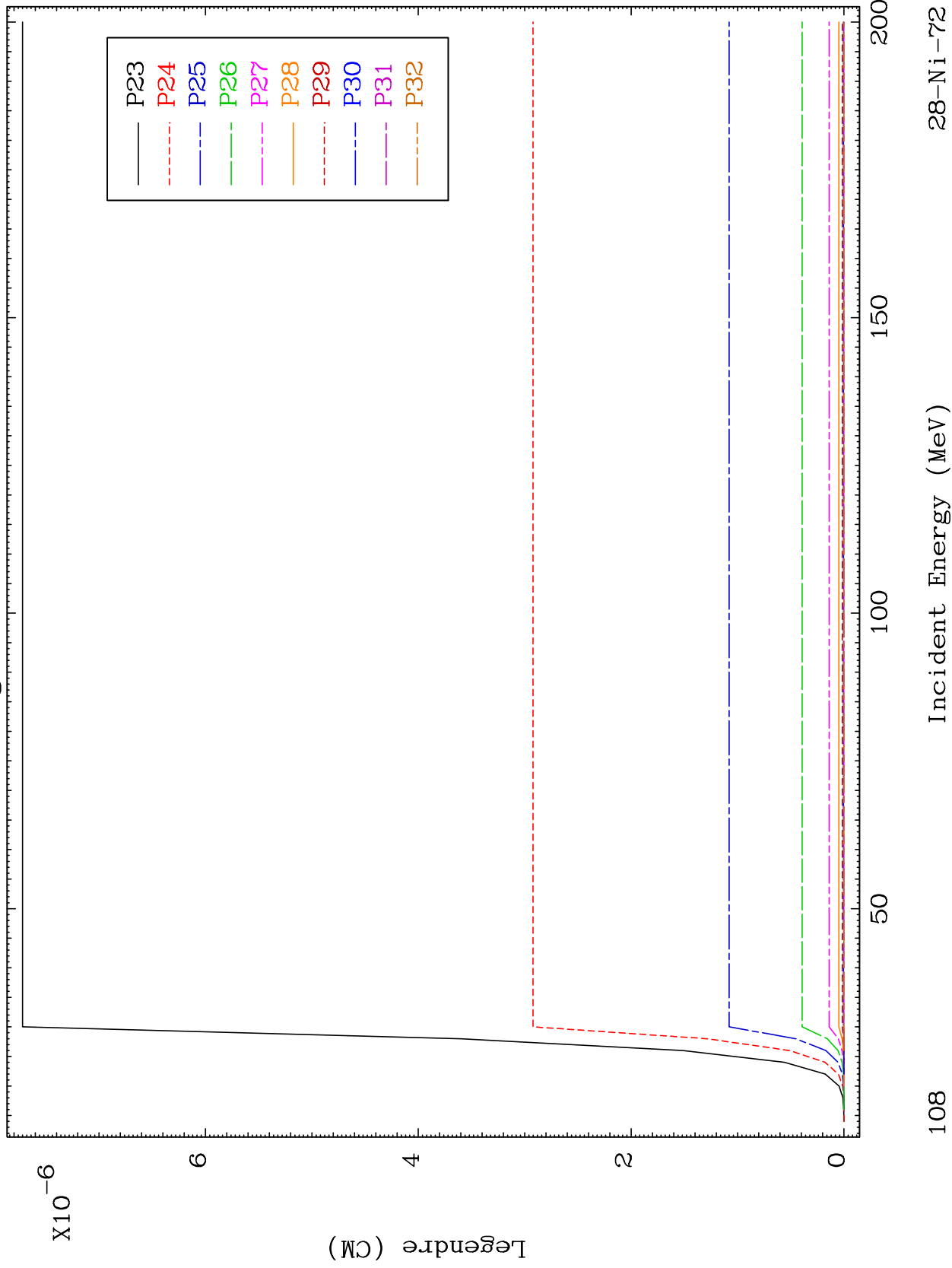
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

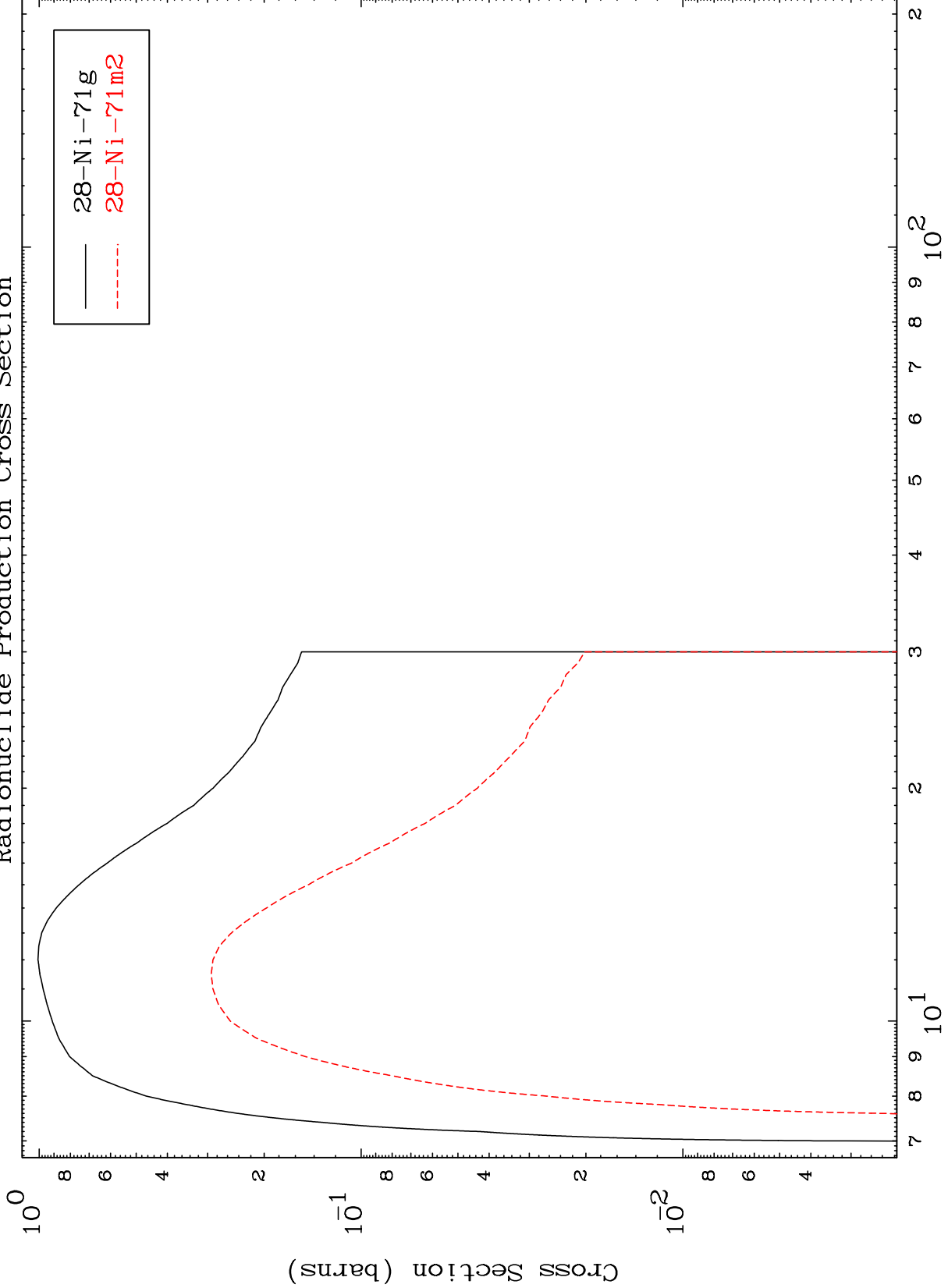
28-Ni-72



MAT 2867

28-Ni-72

(n,2n)
Radionuclide Production Cross Section



— 28-Ni-71g
- - - 28-Ni-71m2

109

Incident Energy (MeV)

28-Ni-72