

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

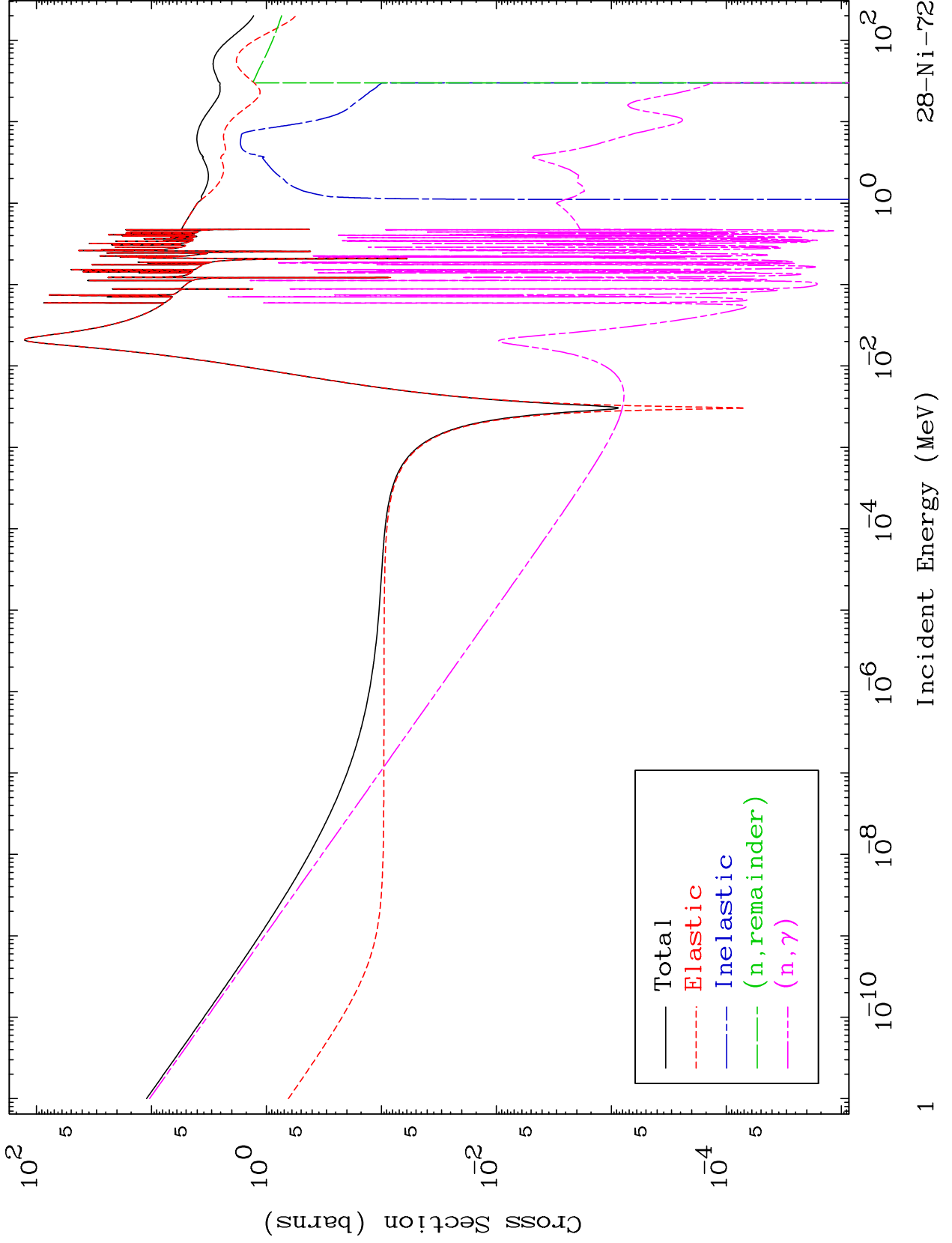
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2867

Major
293 Kelvin Cross Sections

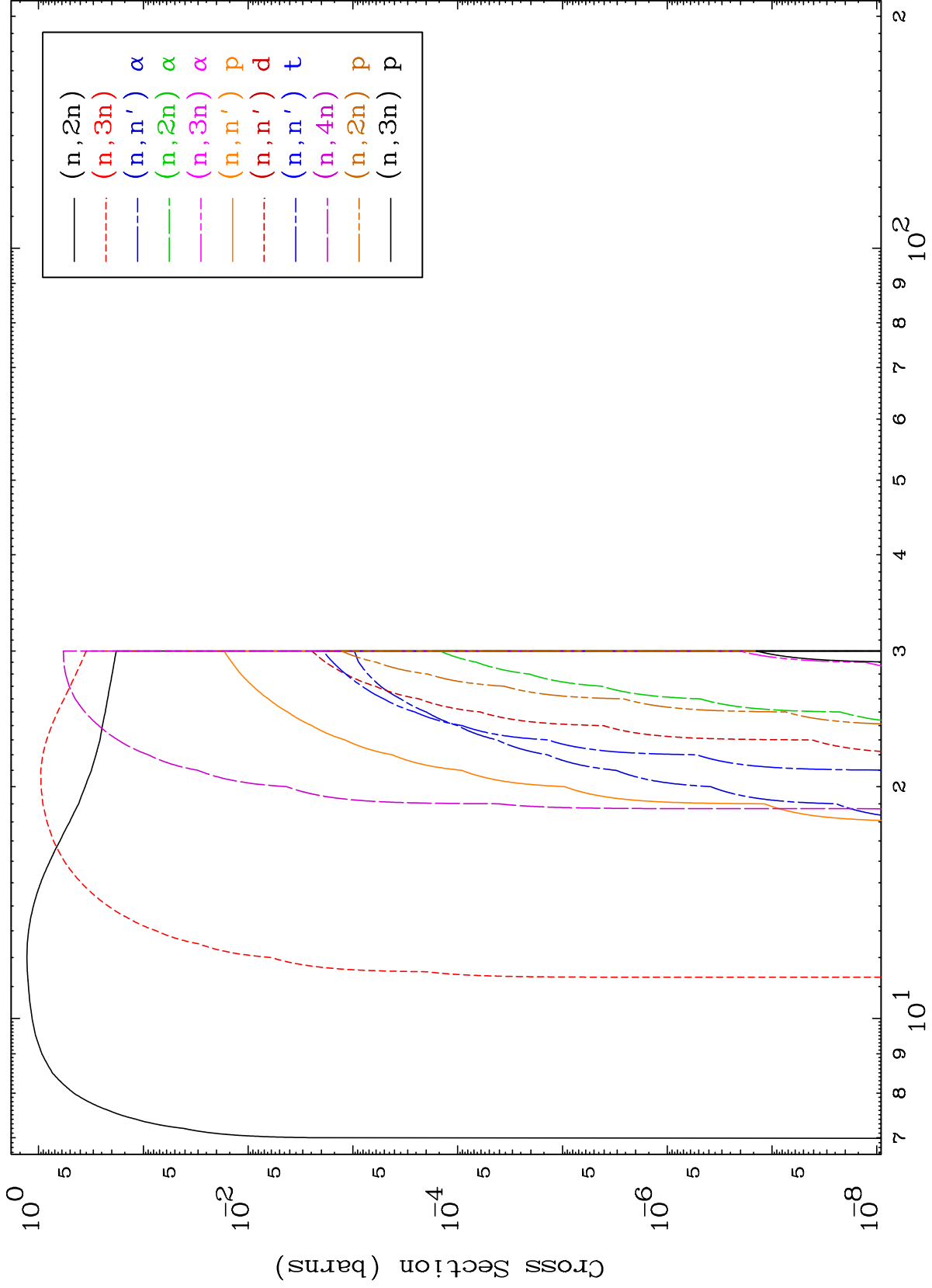
28-Ni-72



MAT 2867

Neutron Production
293 Kelvin Cross Sections

28-Ni-72



2

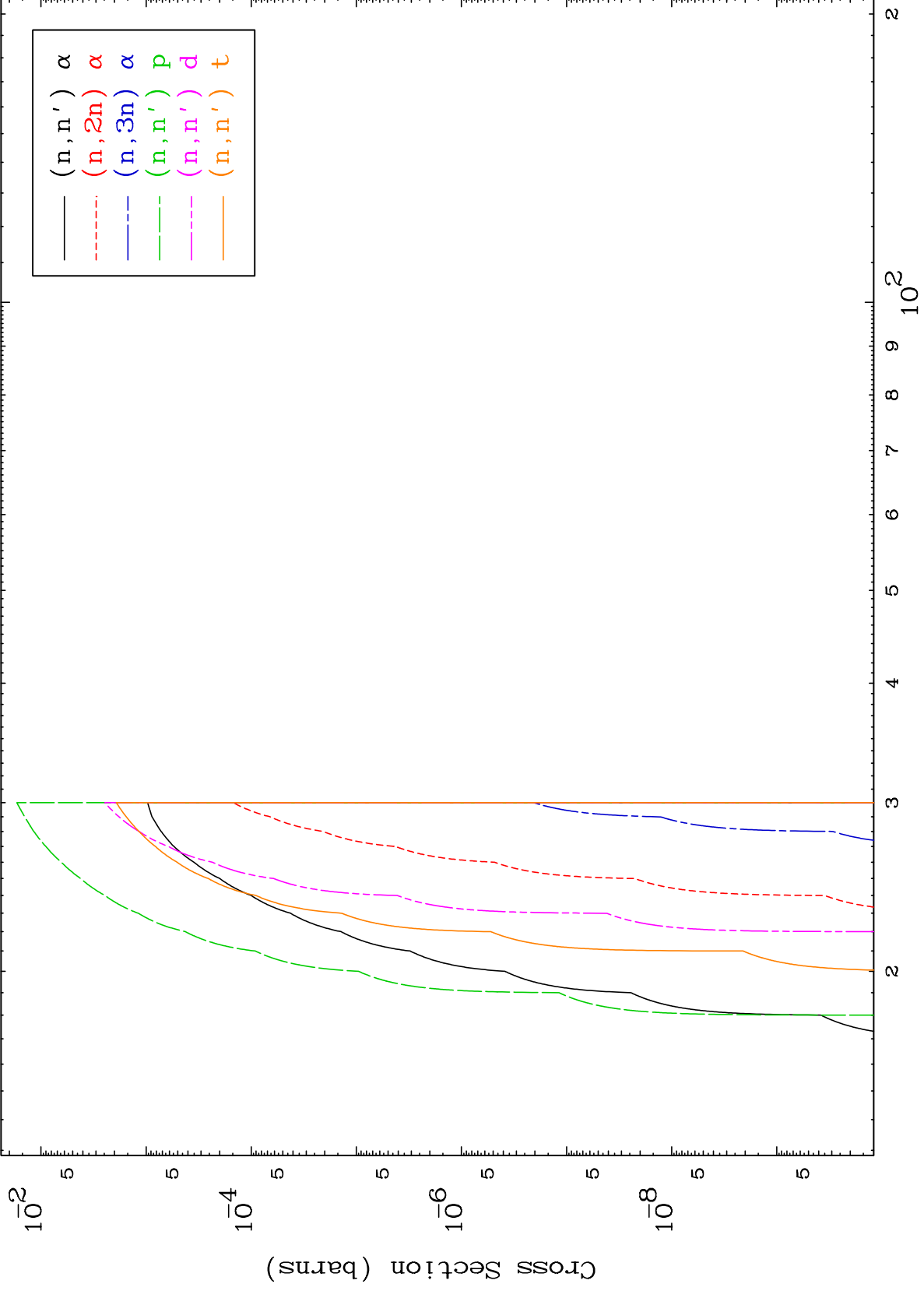
Incident Energy (MeV)

28-Ni-72

MAT 2867

Charged Particle
293 Kelvin Cross Sections

28-Ni-72



3

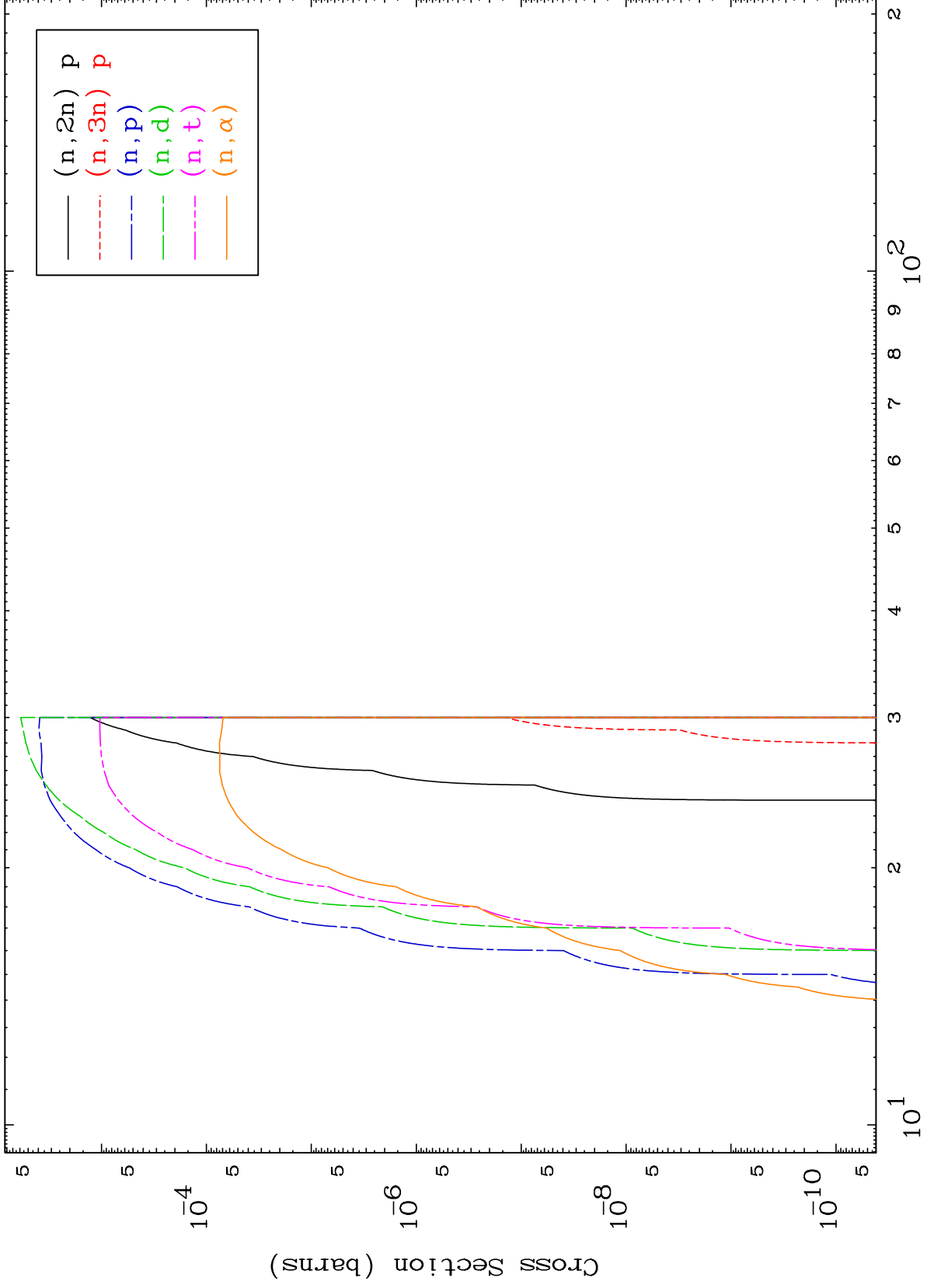
Incident Energy (MeV)

28-Ni-72

MAT 2867

Charged Particle
293 Kelvin Cross Sections

28-Ni-72



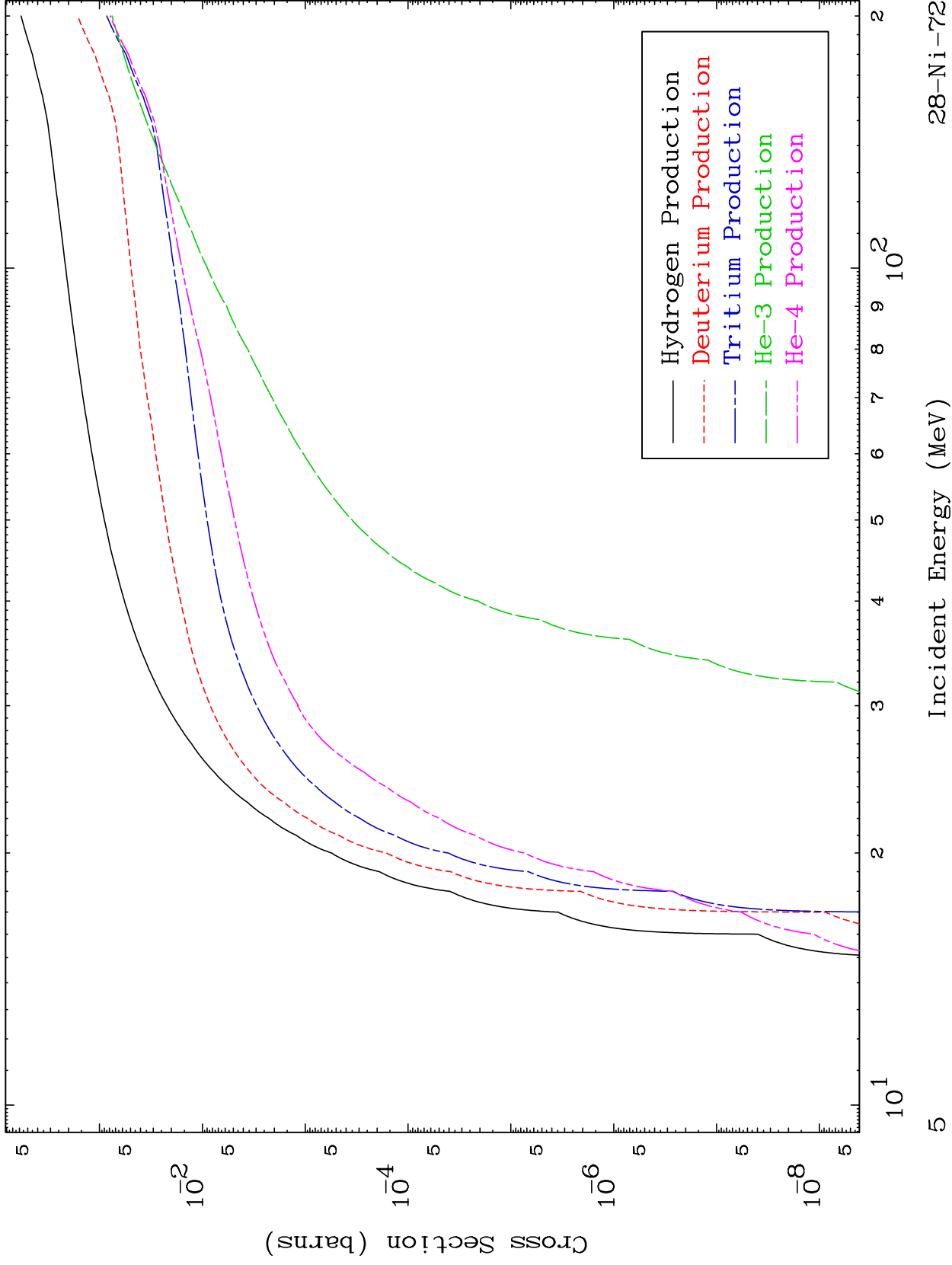
Incident Energy (MeV)

28-Ni-72

MAT 2867

Particle Production
293 Kelvin Cross Sections

28-Ni-72

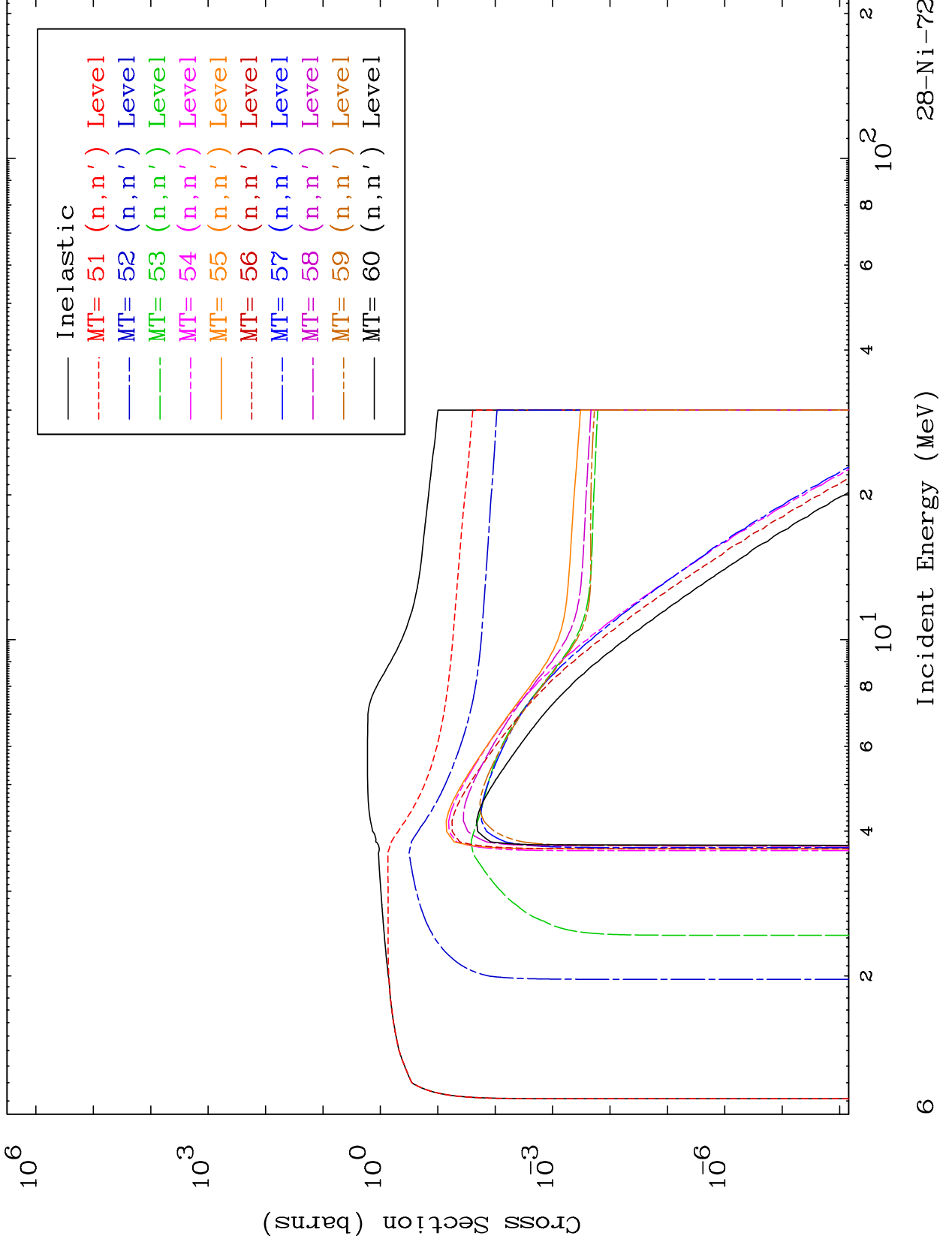


MAT 2867

(n,n') Level

28-Ni-72

293 Kelvin Cross Sections



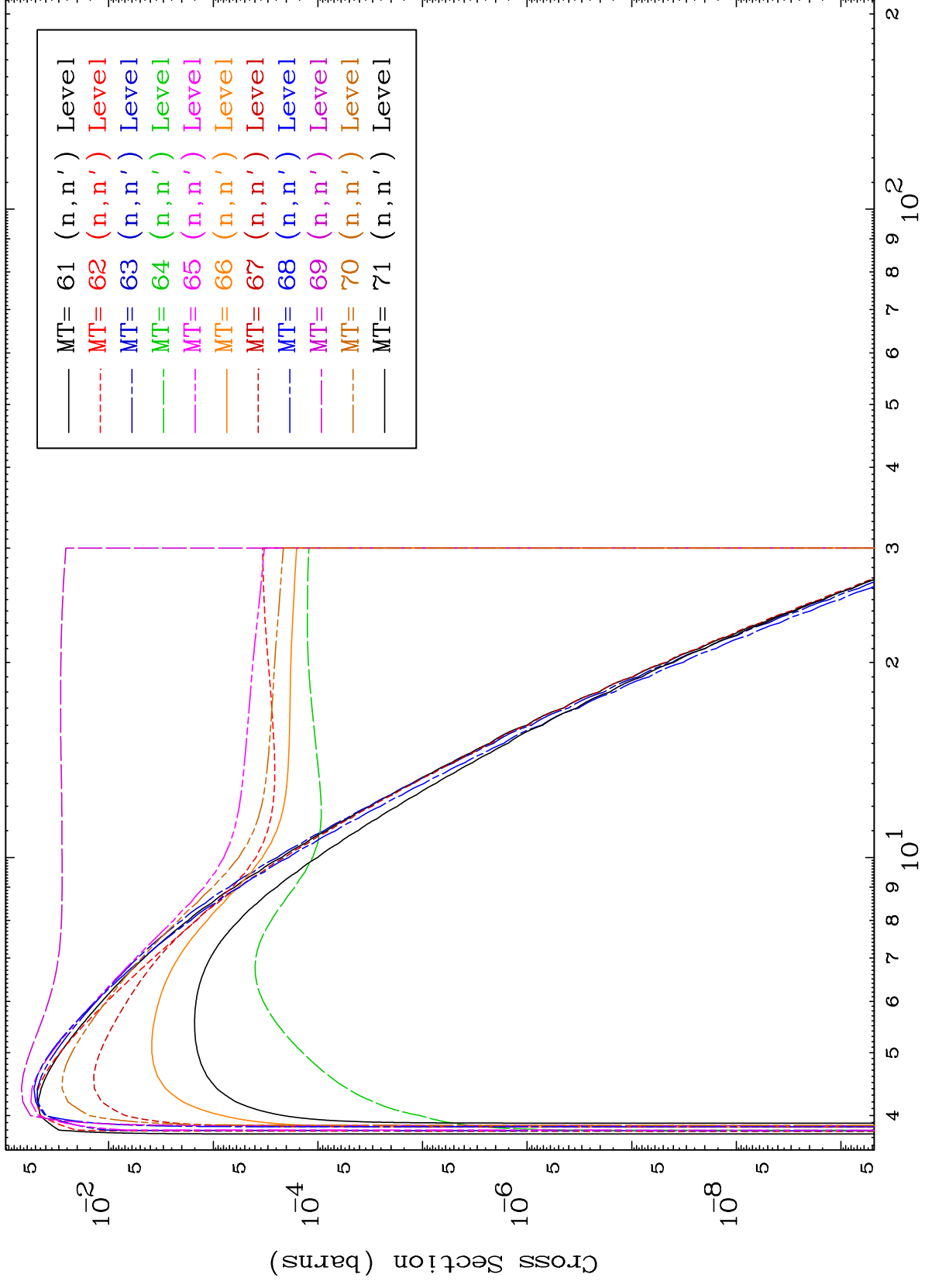
6

MAT 2867

(n,n') Level

28-Ni-72

293 Kelvin Cross Sections



7

Incident Energy (MeV)

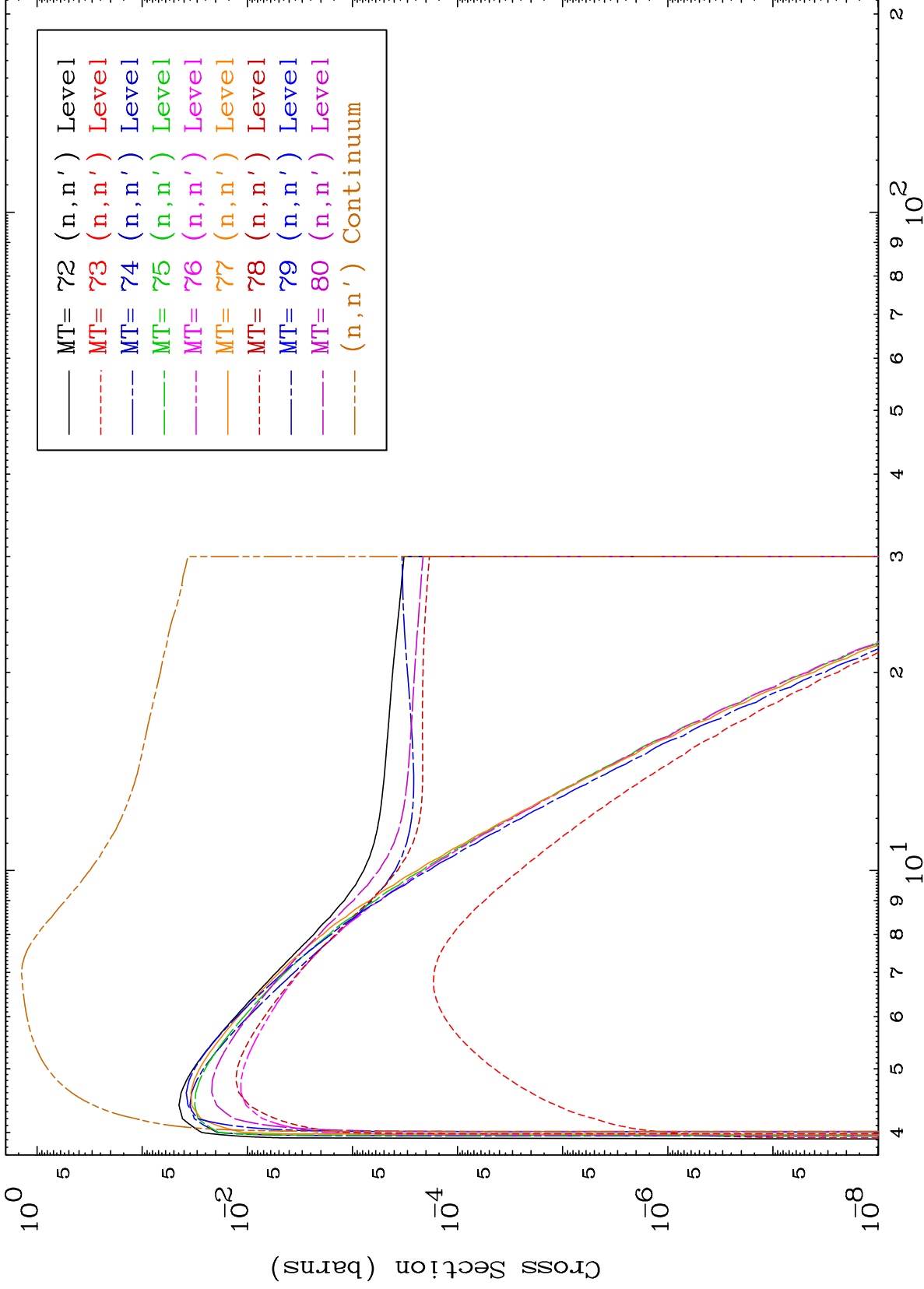
28-Ni-72

MAT 2867

(n,n') Level

28-Ni-72

293 Kelvin Cross Sections



8

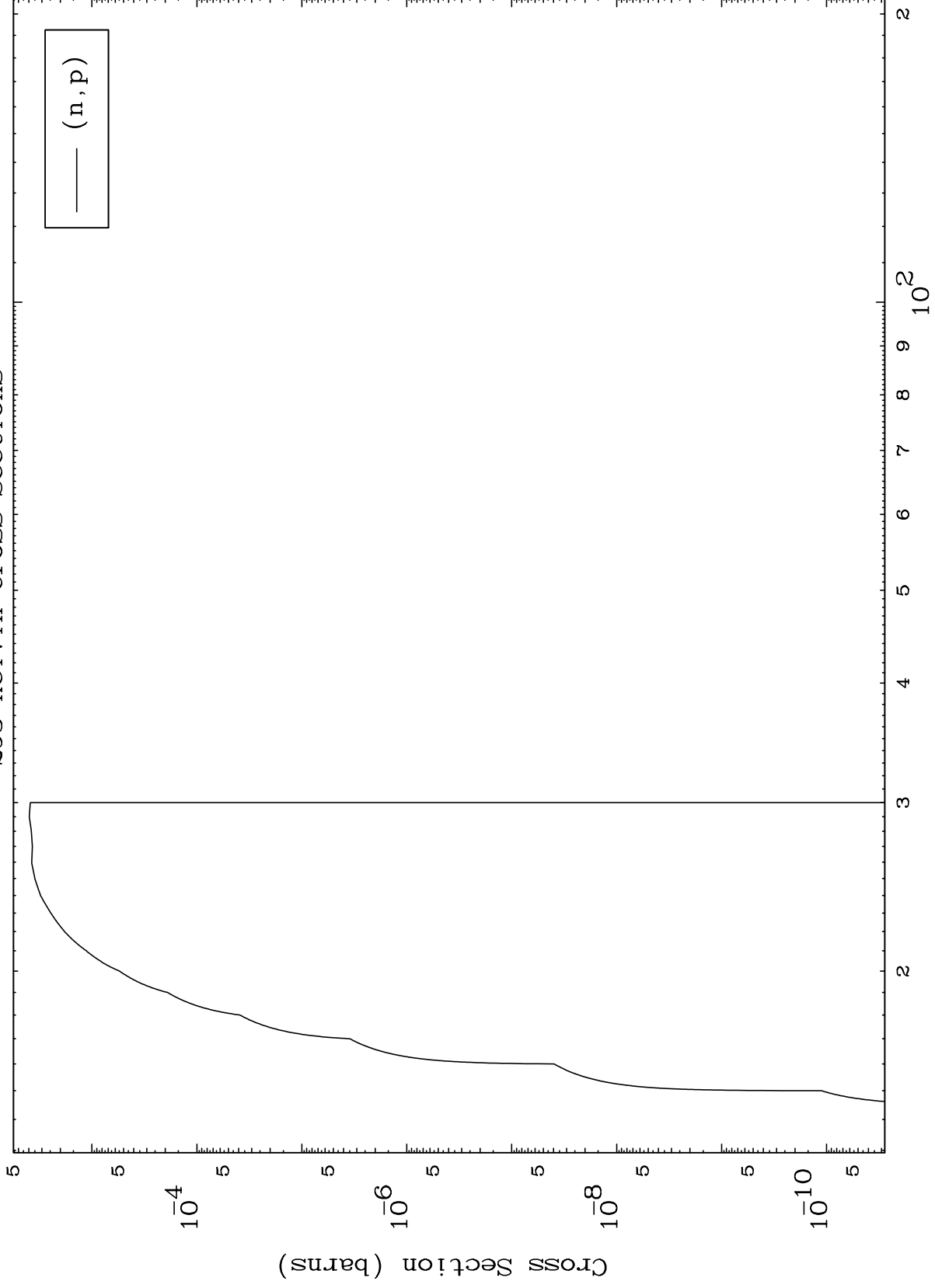
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-72



9

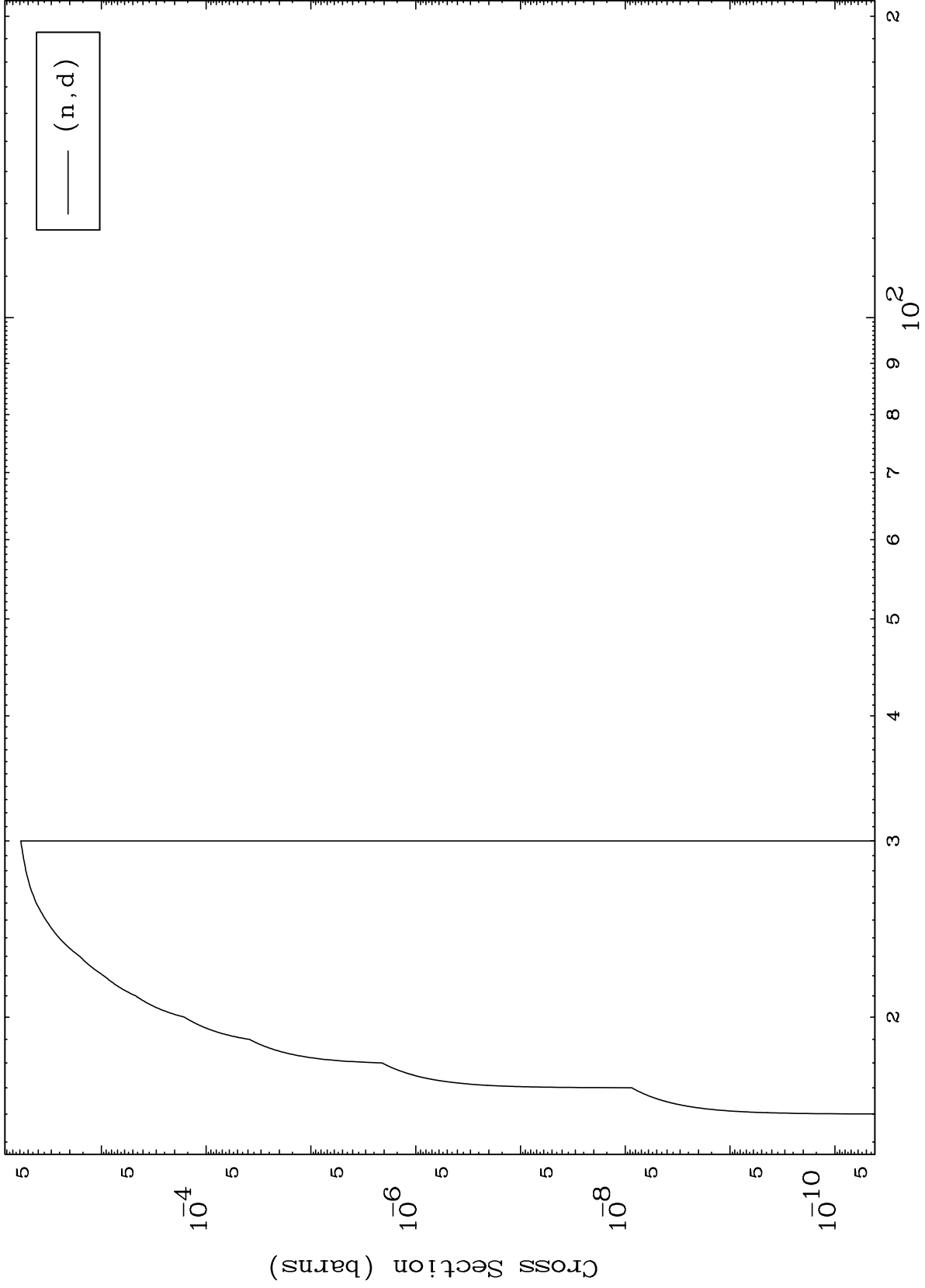
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-72



10

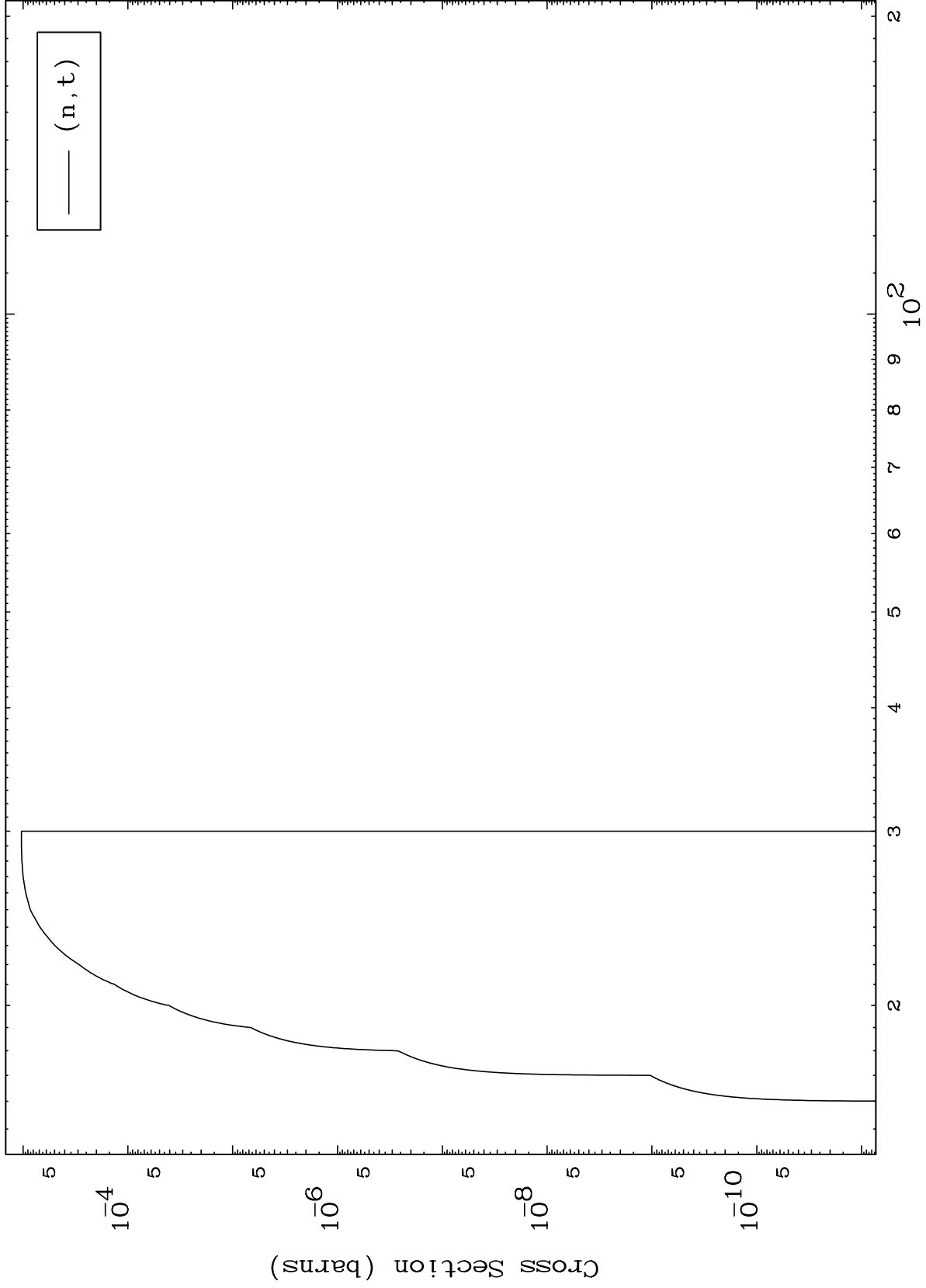
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-72



11

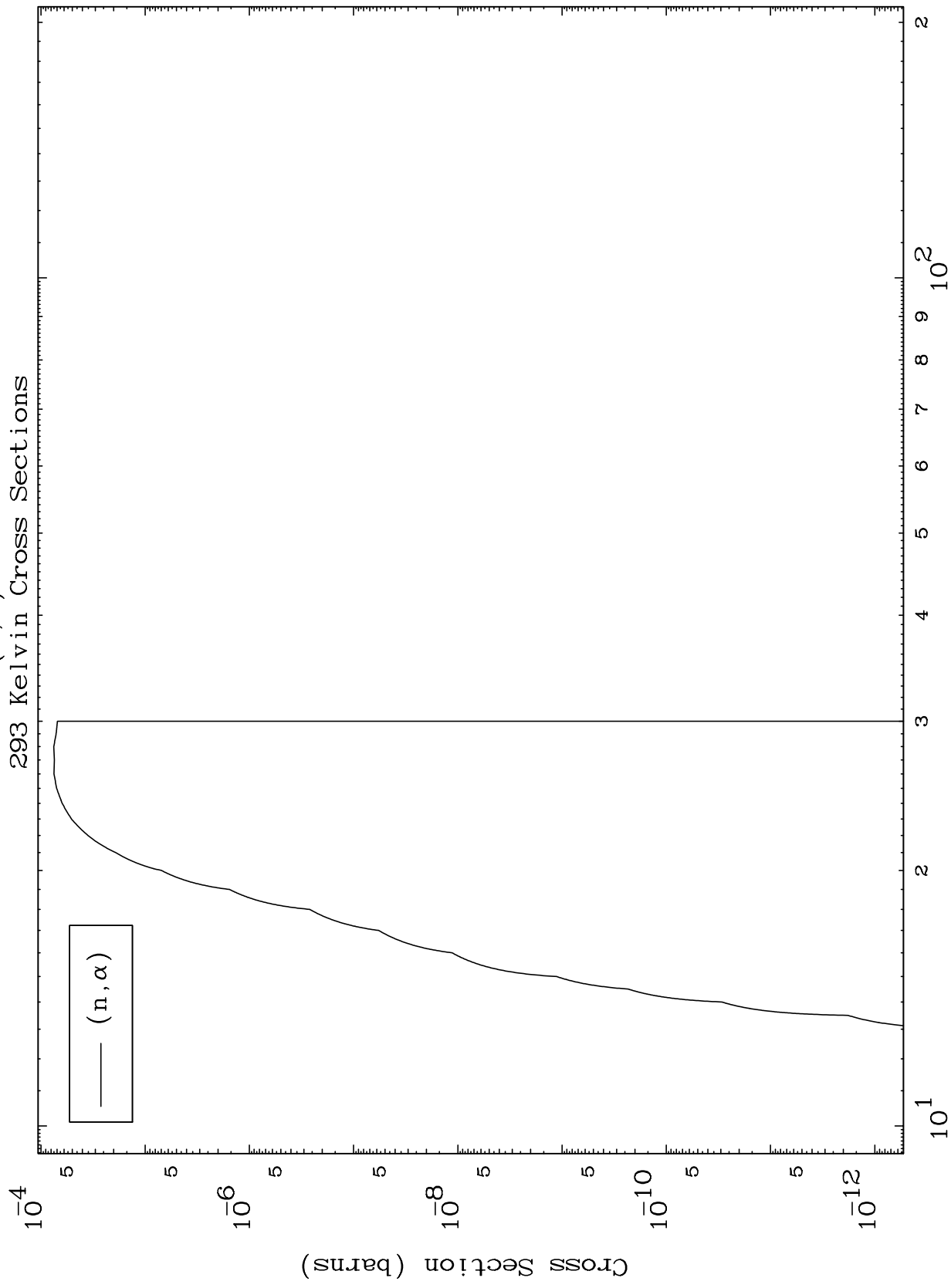
Incident Energy (MeV)

28-Ni-72

MAT 2867

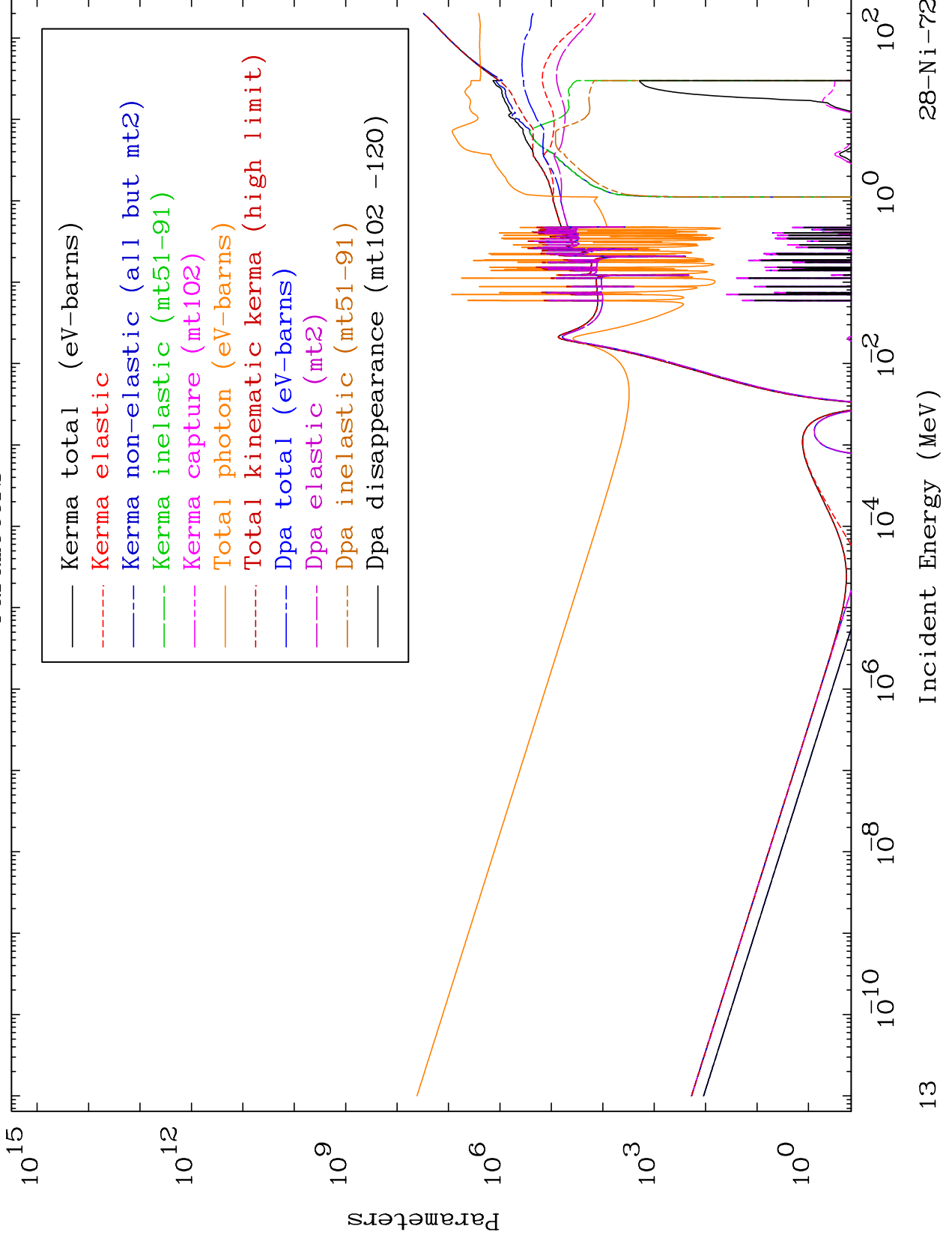
(n,α) Levels
293 Kelvin Cross Sections

28-Ni-72



Incident Energy (MeV)

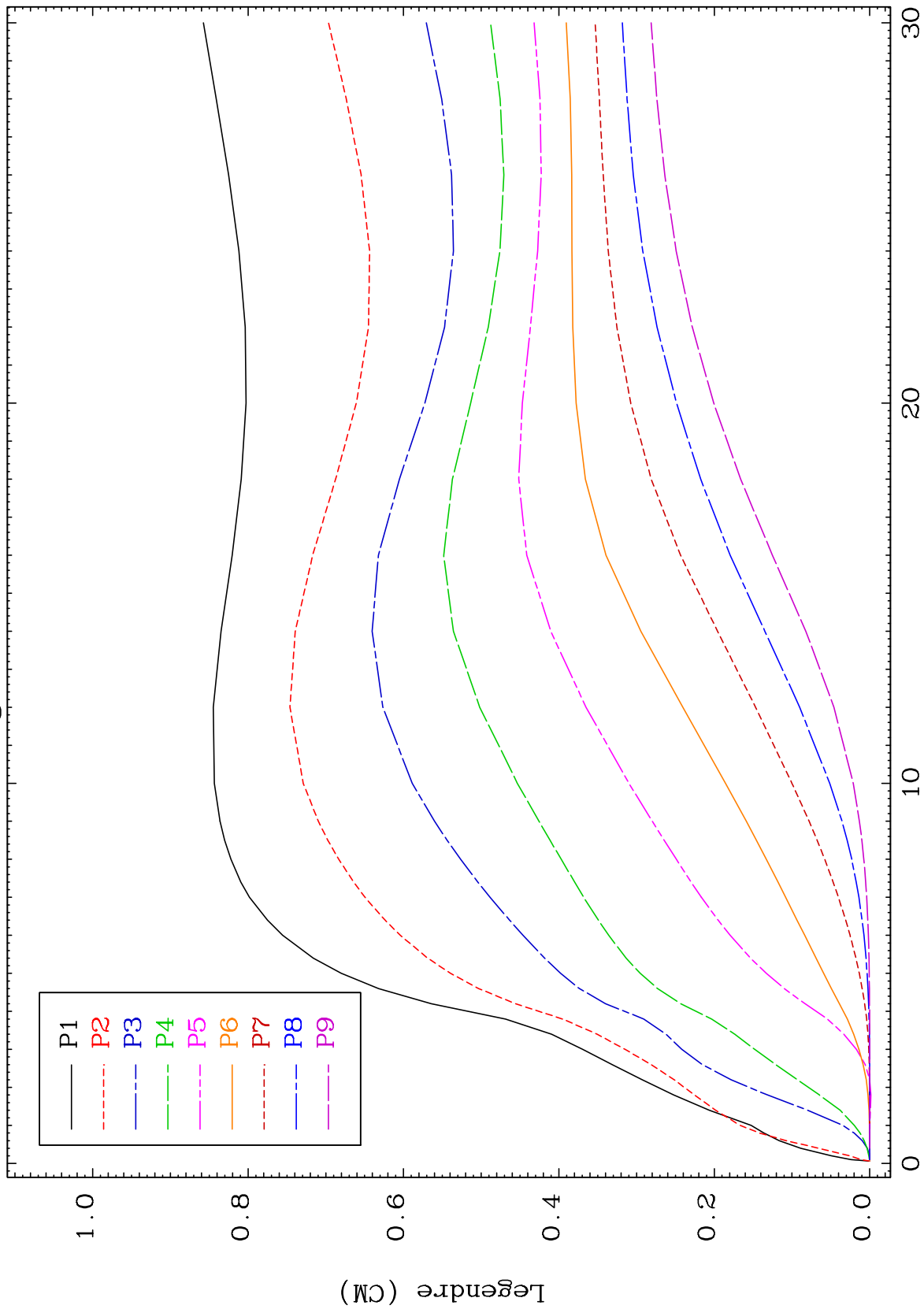
28-Ni-72



MAT 2867

Elastic Legendre Coefficients

$^{28}\text{Ni-72}$



14

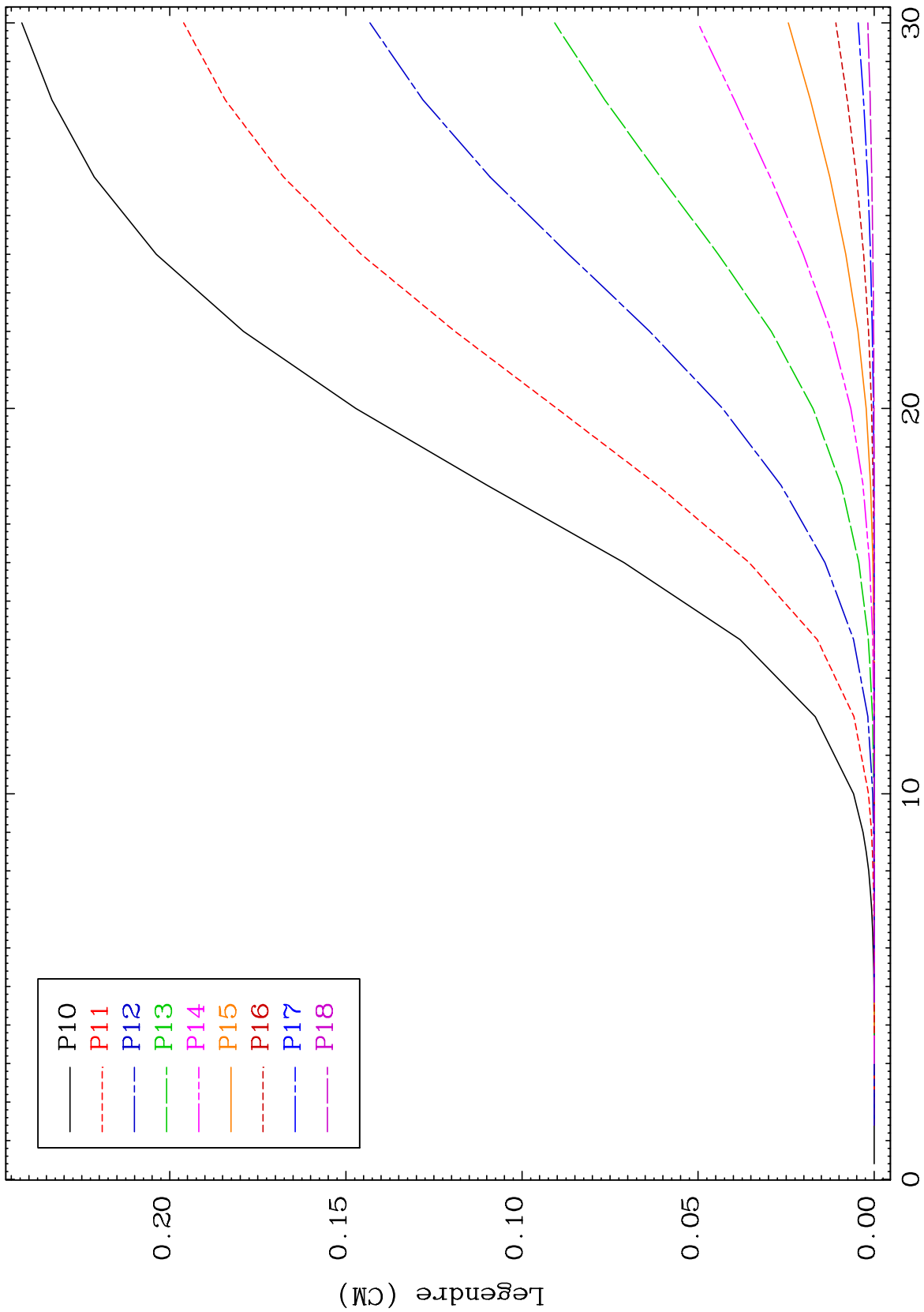
Incident Energy (MeV)

$^{28}\text{Ni-72}$

MAT 2867

Elastic Legendre Coefficients

28-Ni-72



15

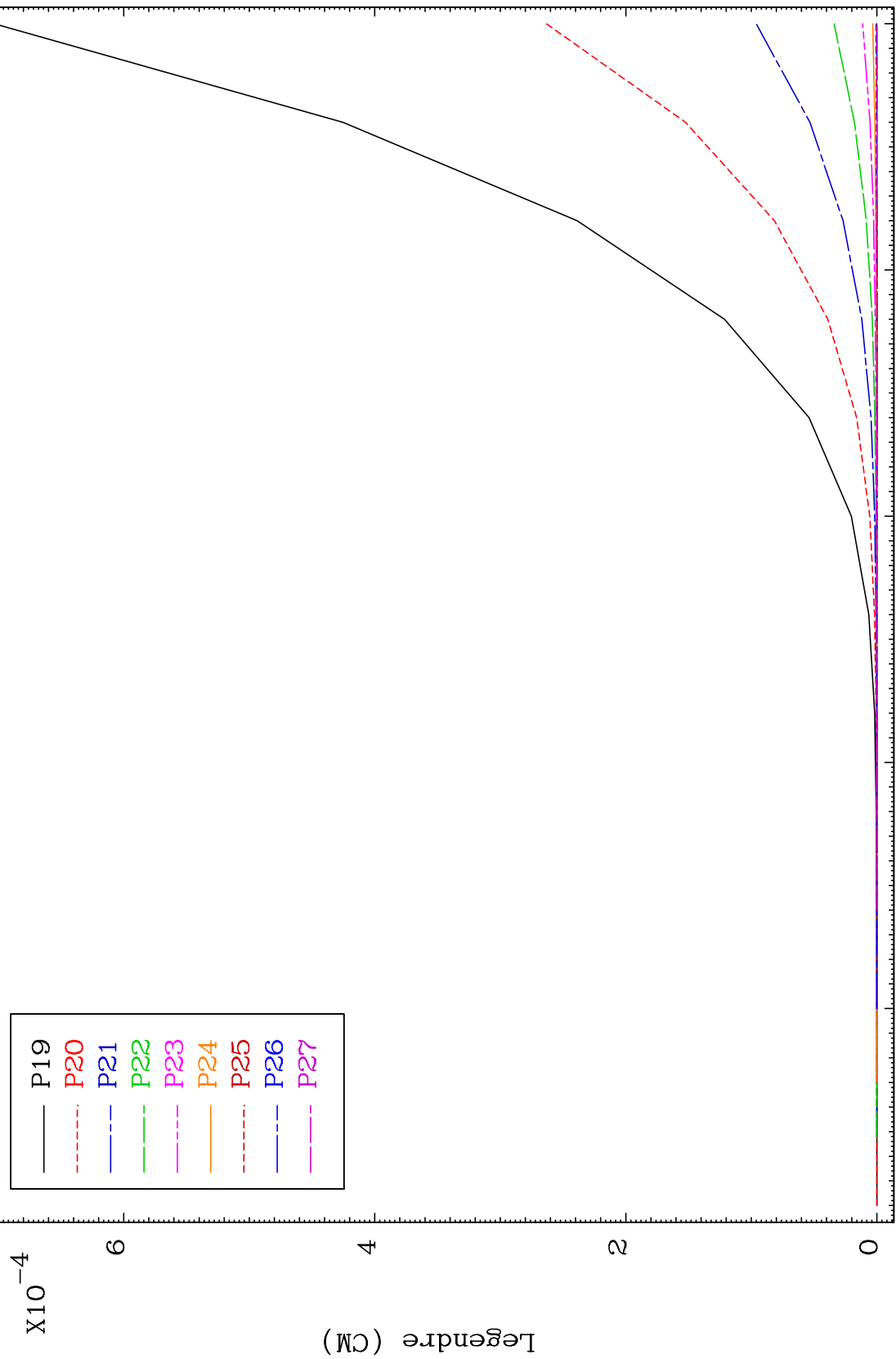
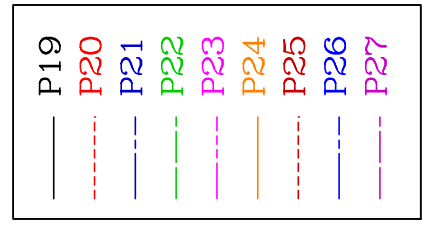
Incident Energy (MeV)

28-Ni-72

MAT 2867

Elastic Legendre Coefficients

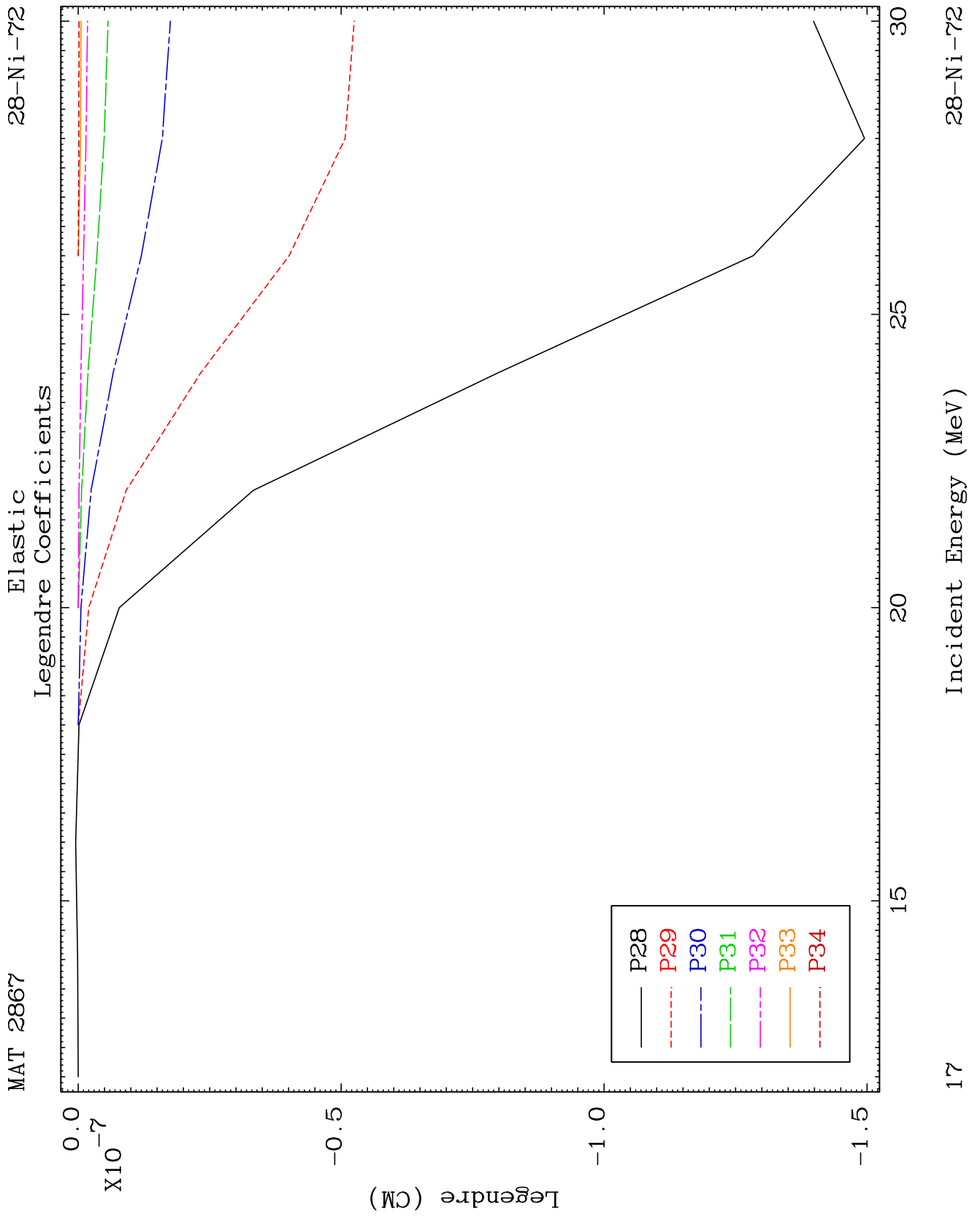
28-Ni-72

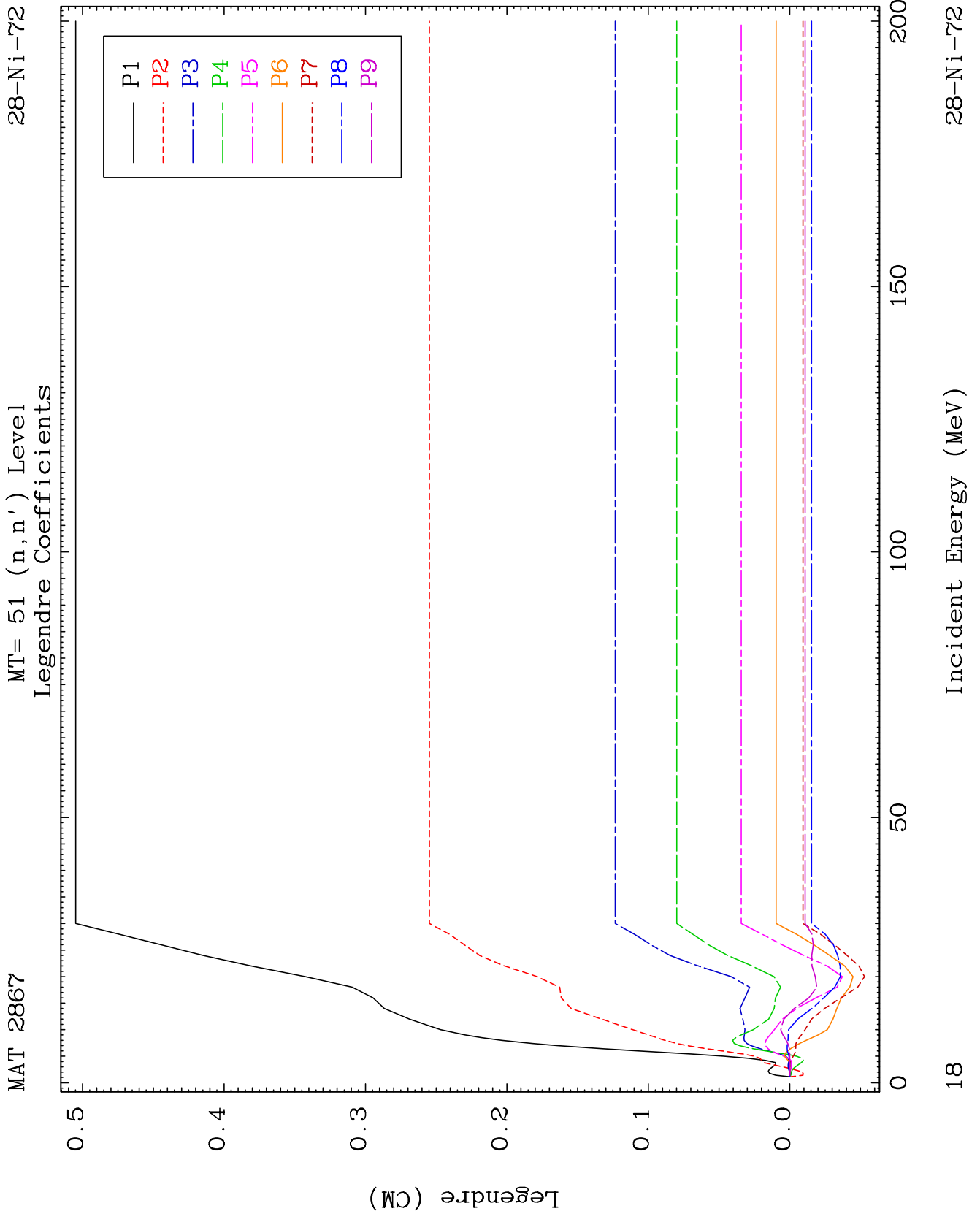


16

Incident Energy (MeV)

28-Ni-72

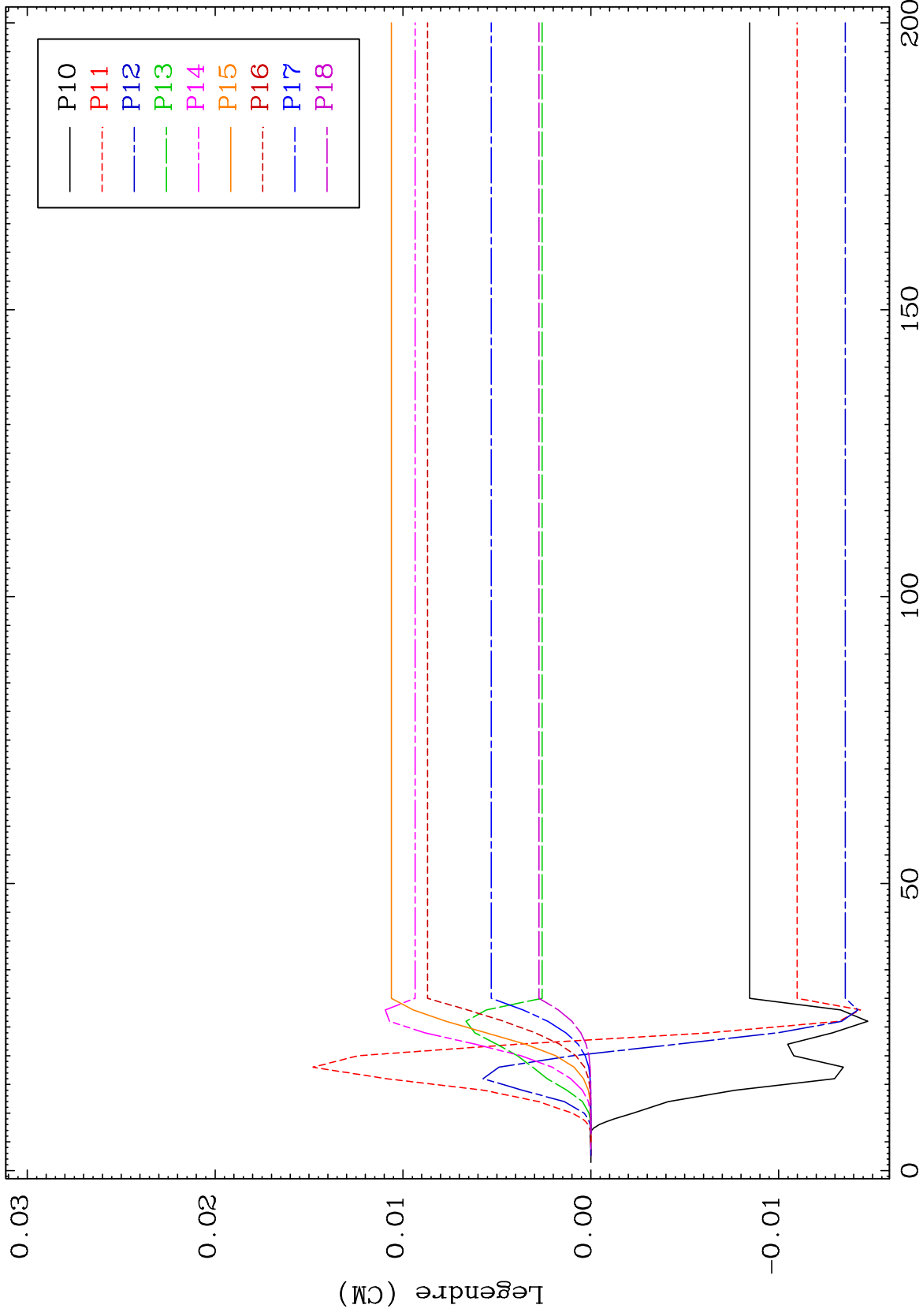




MAT 2867

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

28-Ni-72



19

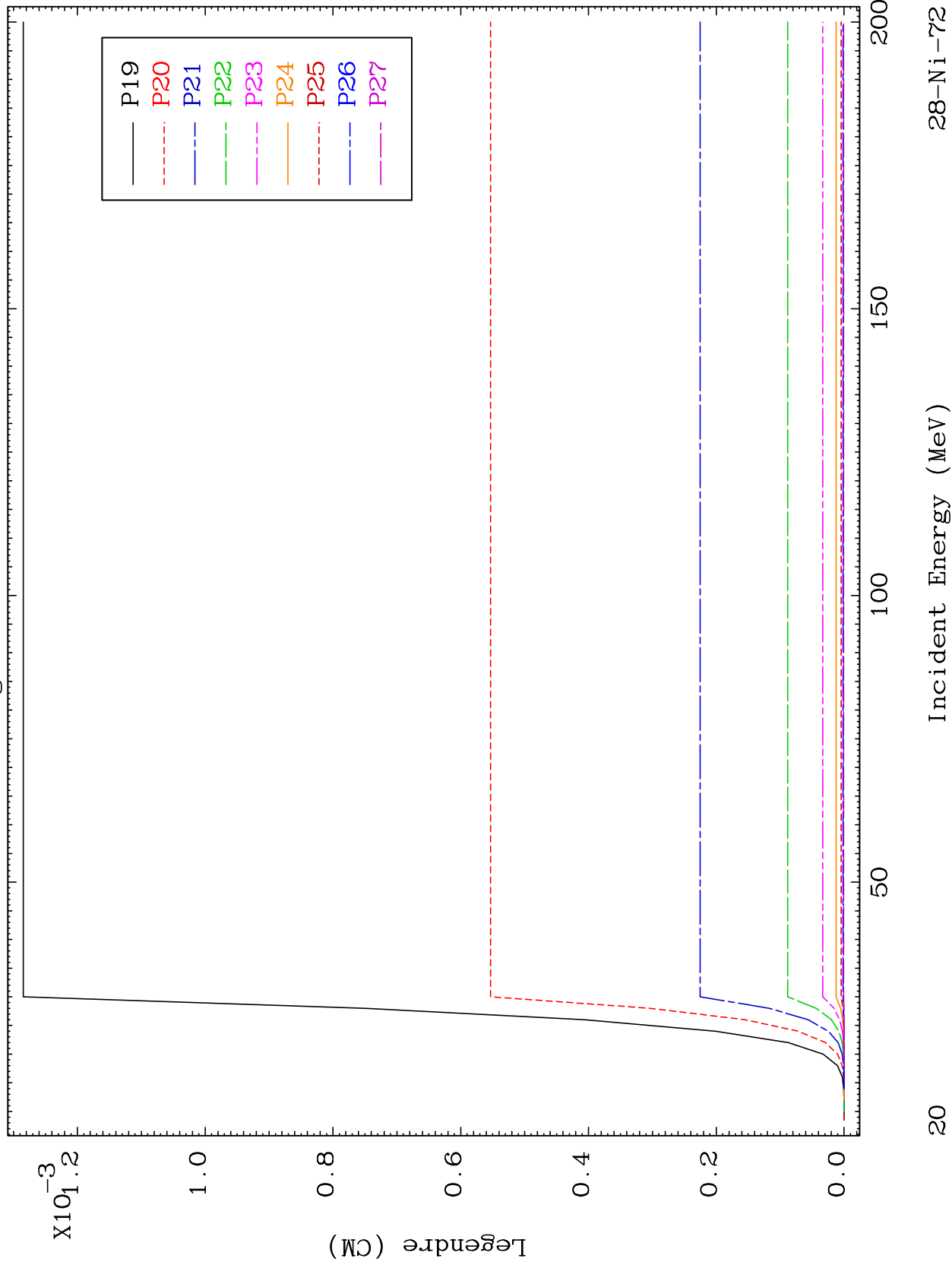
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

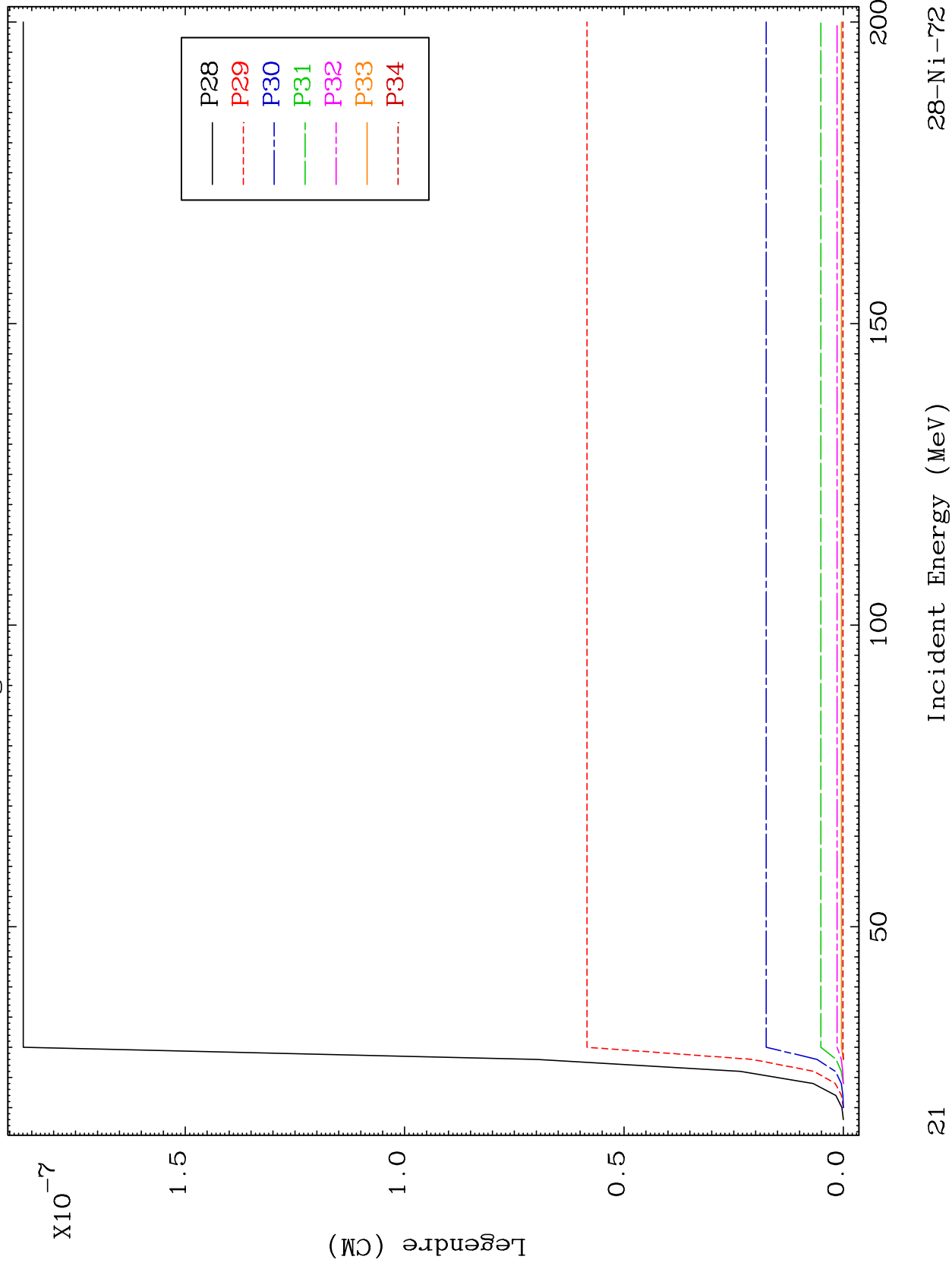
28-Ni-72



MAT 2867

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

28-Ni-72

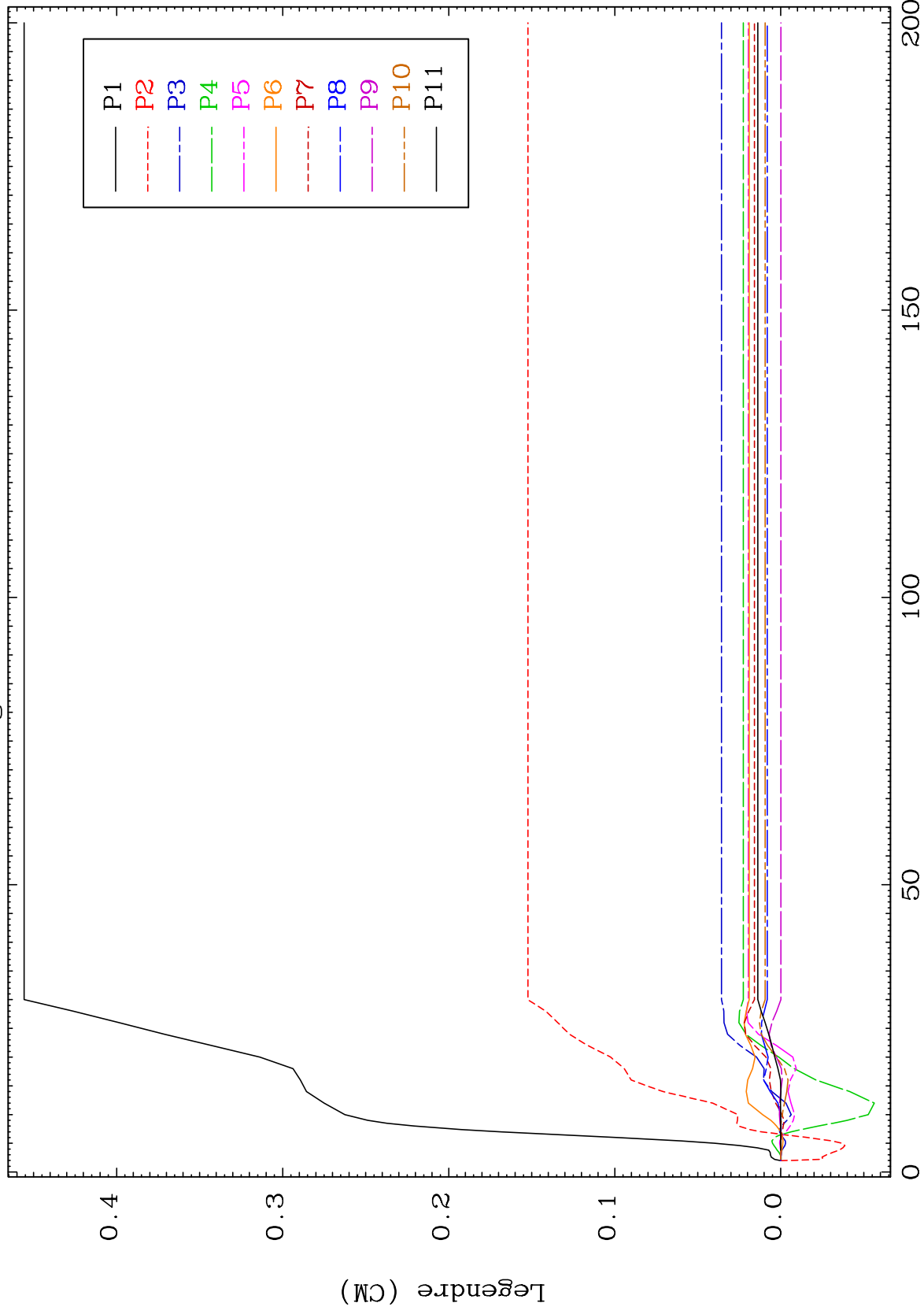


21

MAT 2867

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

28-Ni-72



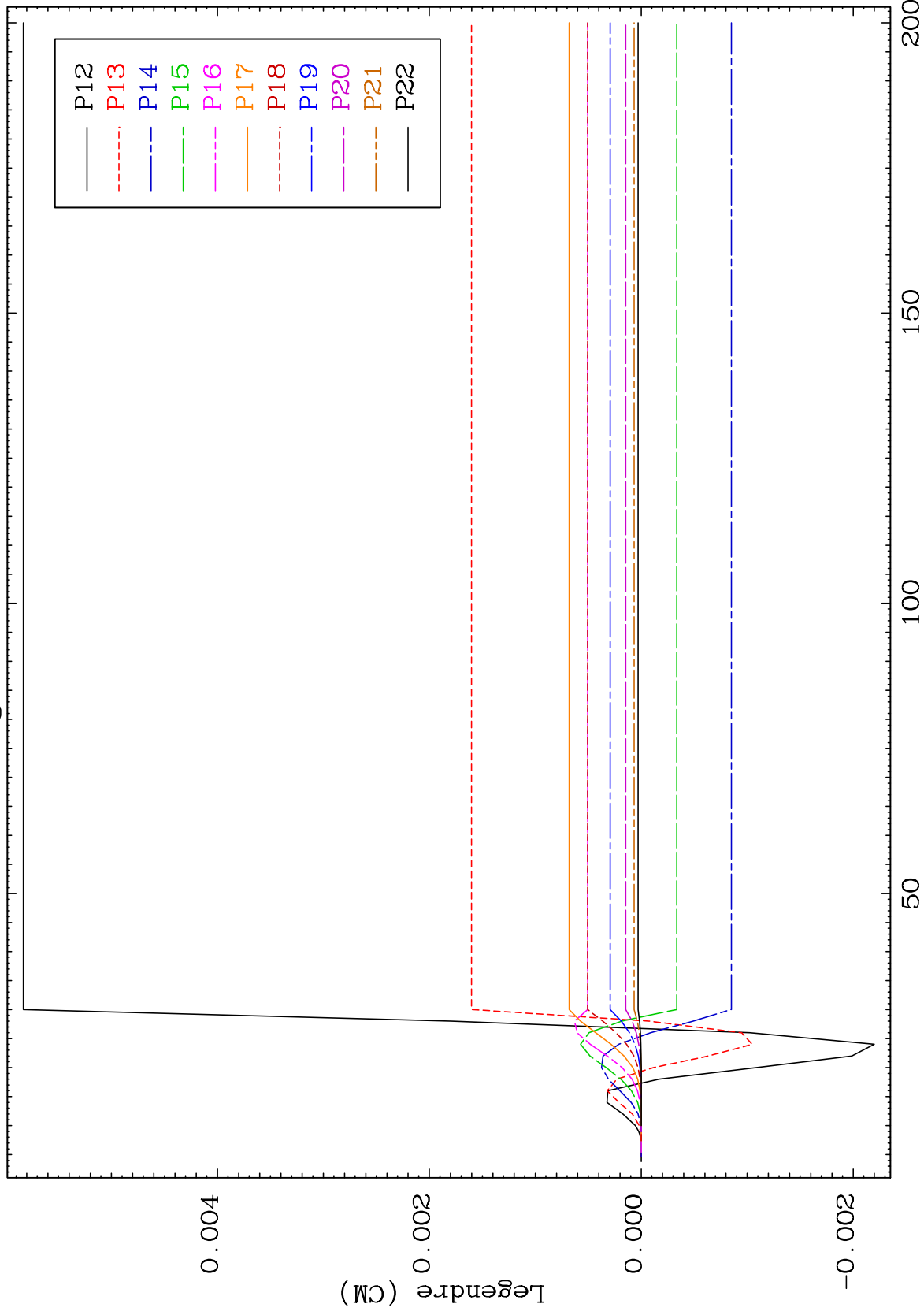
22

28-Ni-72

MAT 2867

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

28-Ni-72



23

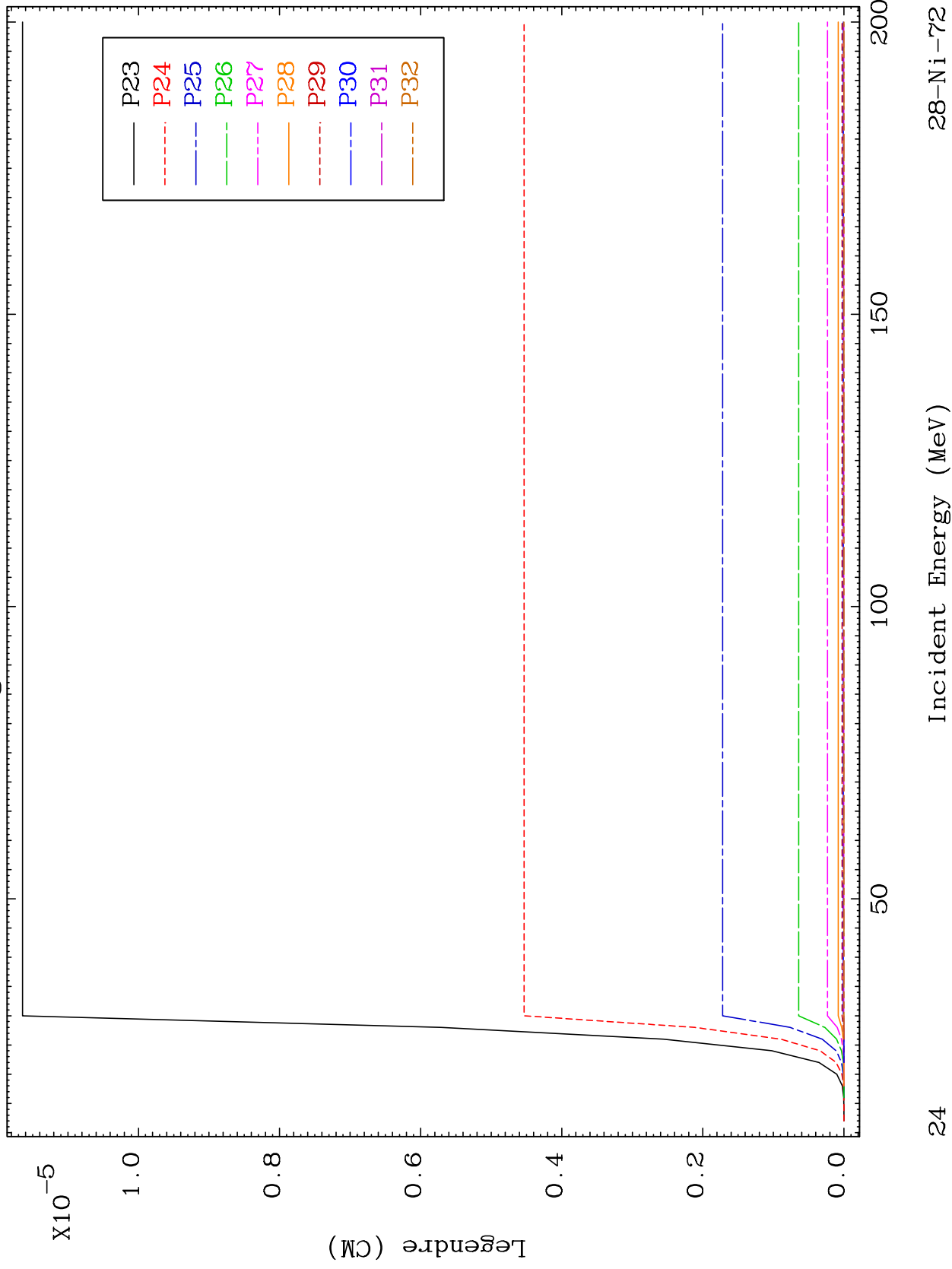
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

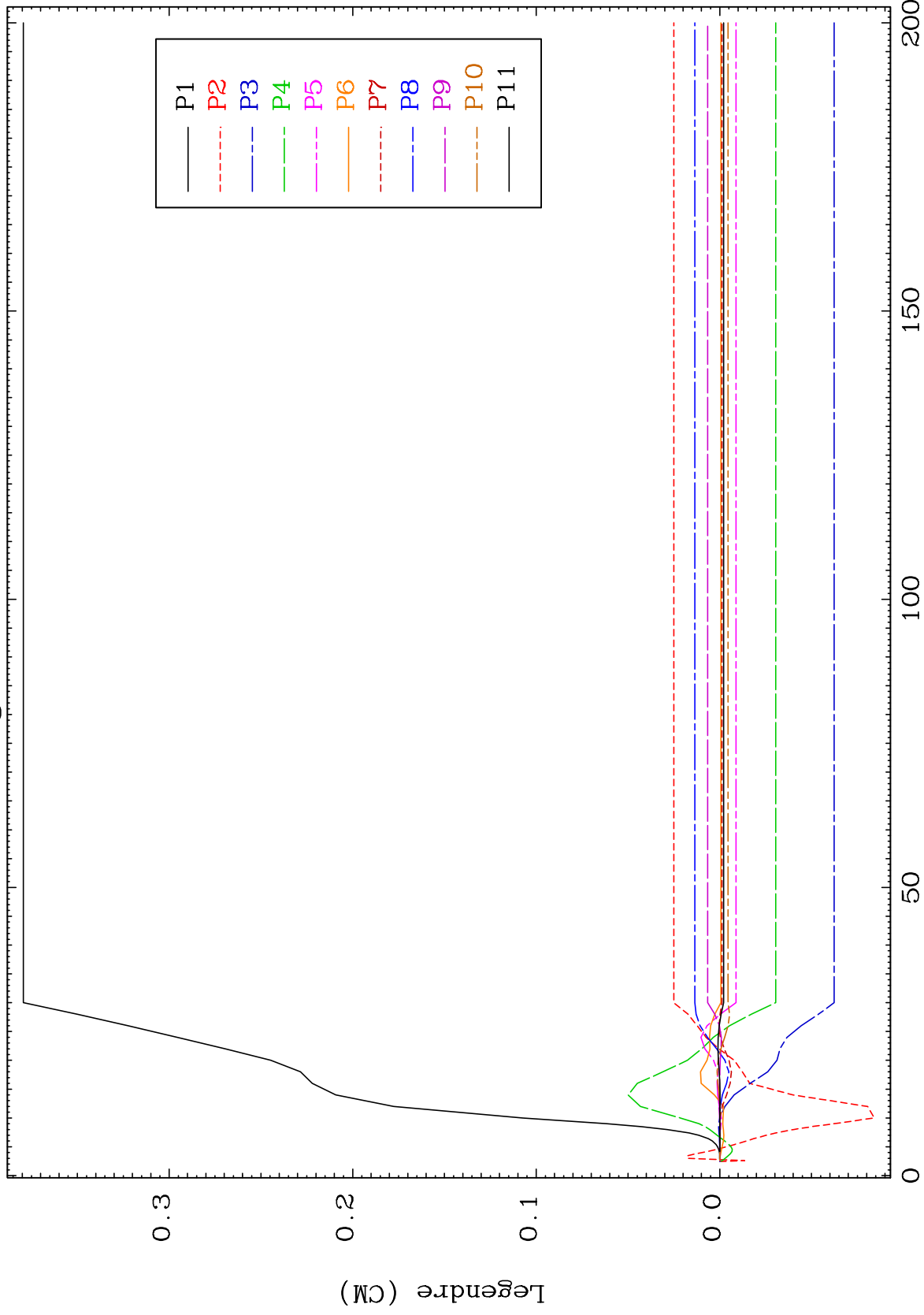


24

MAT 2867

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

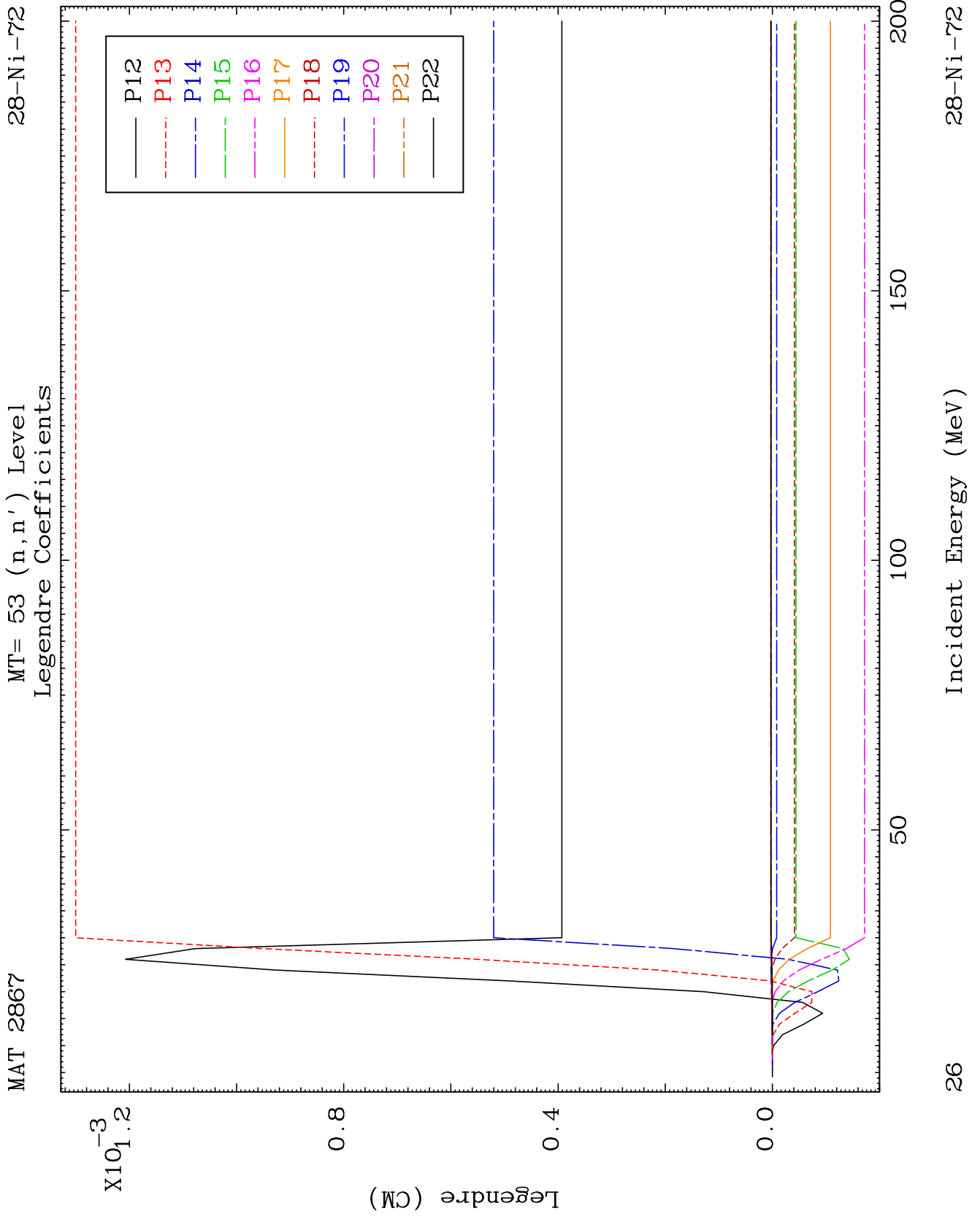
28-Ni-72



25

Incident Energy (MeV)

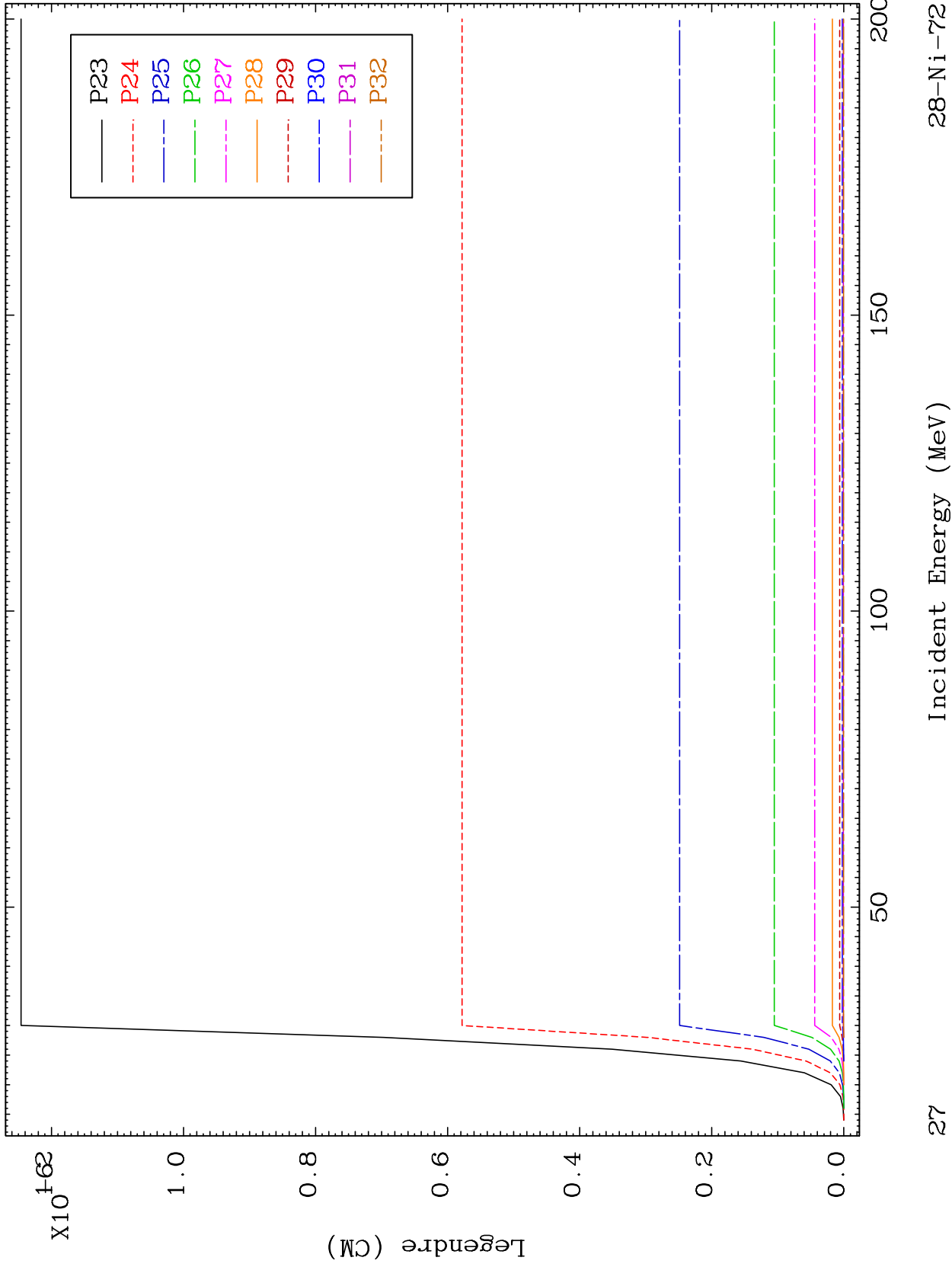
28-Ni-72



MAT 2867

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

28-Ni-72

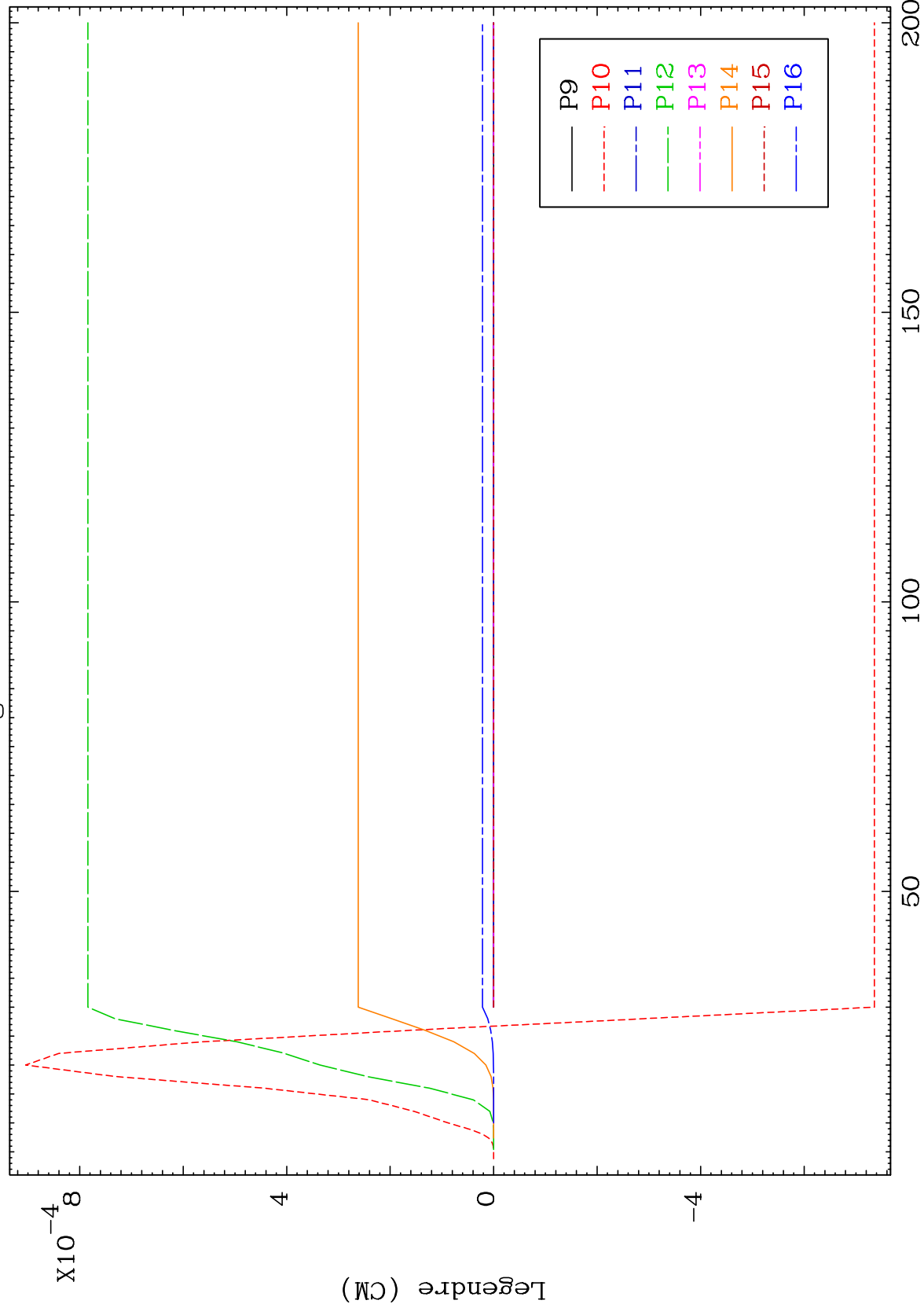


27

MAT 2867

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

28-Ni-72



29

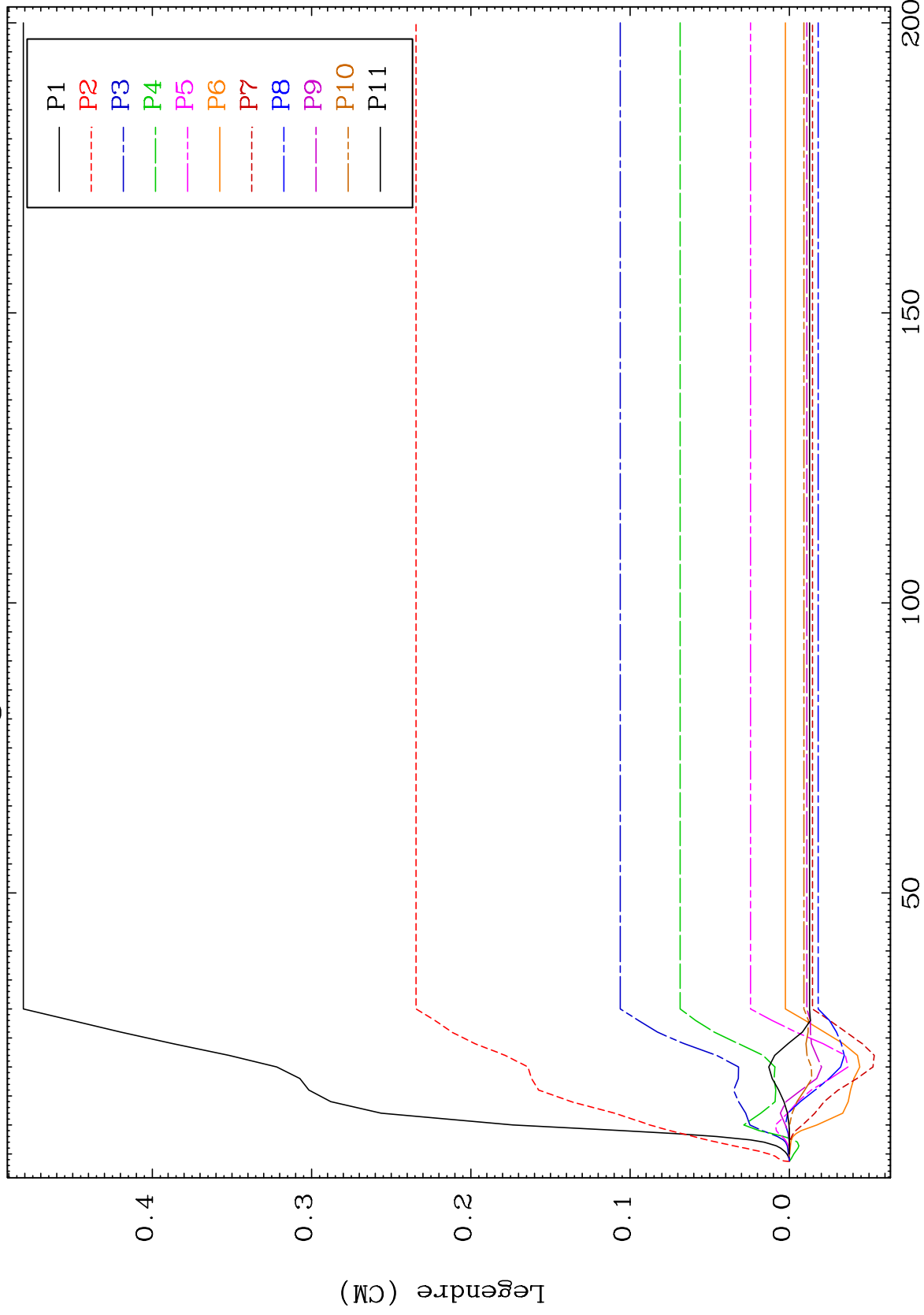
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

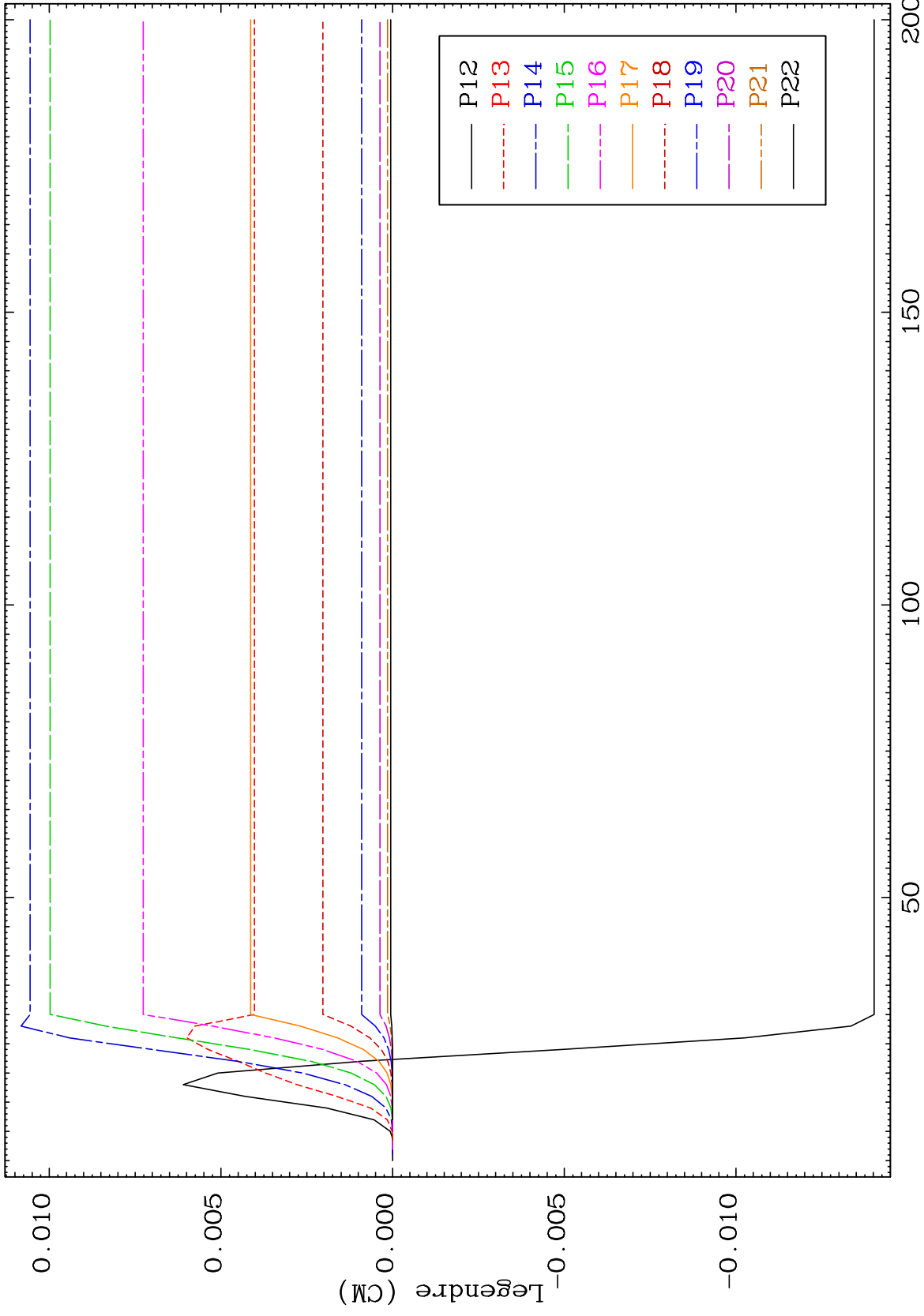
28-Ni-72



MAT 2867

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

28-Ni-72



32

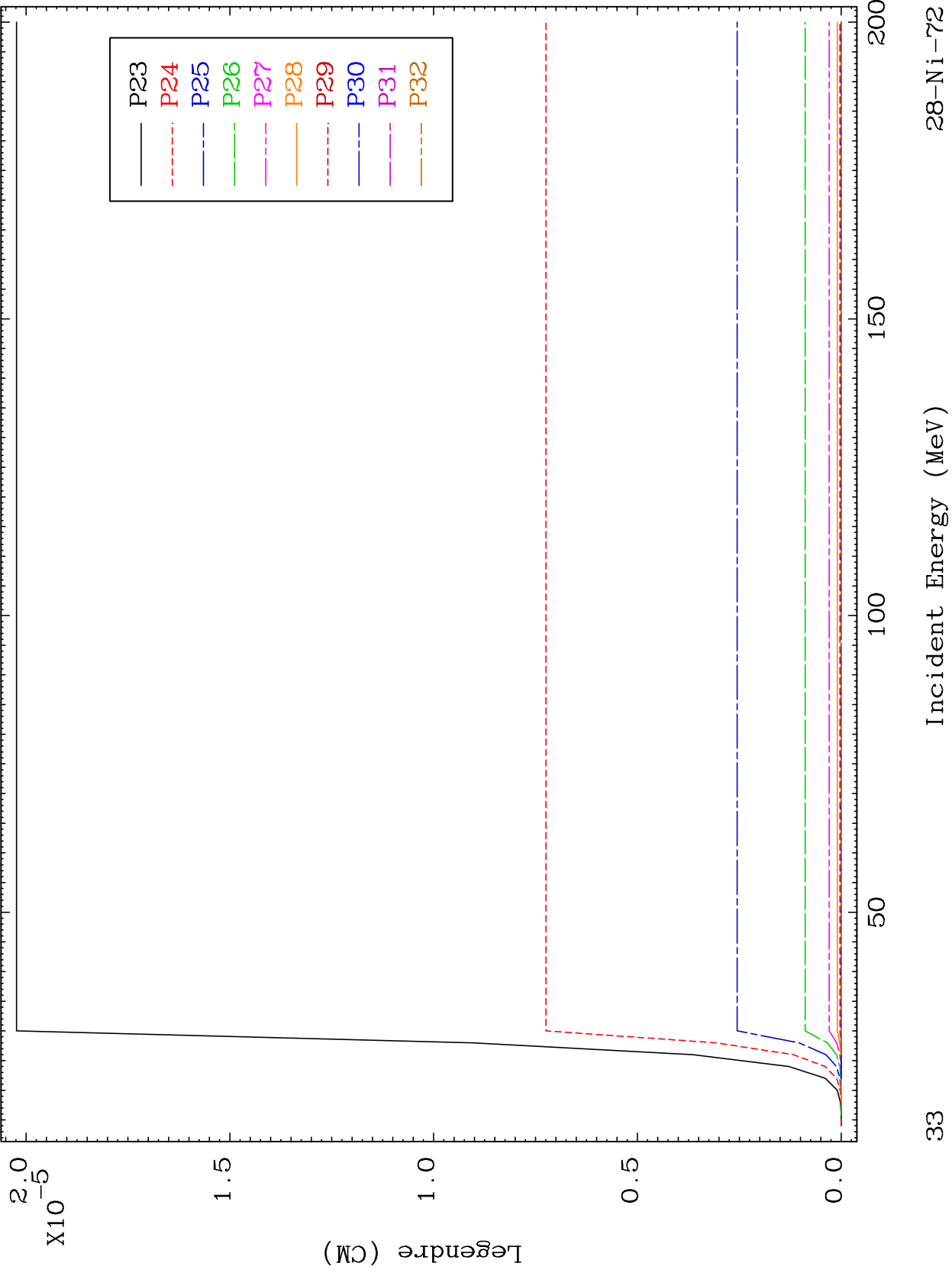
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



33

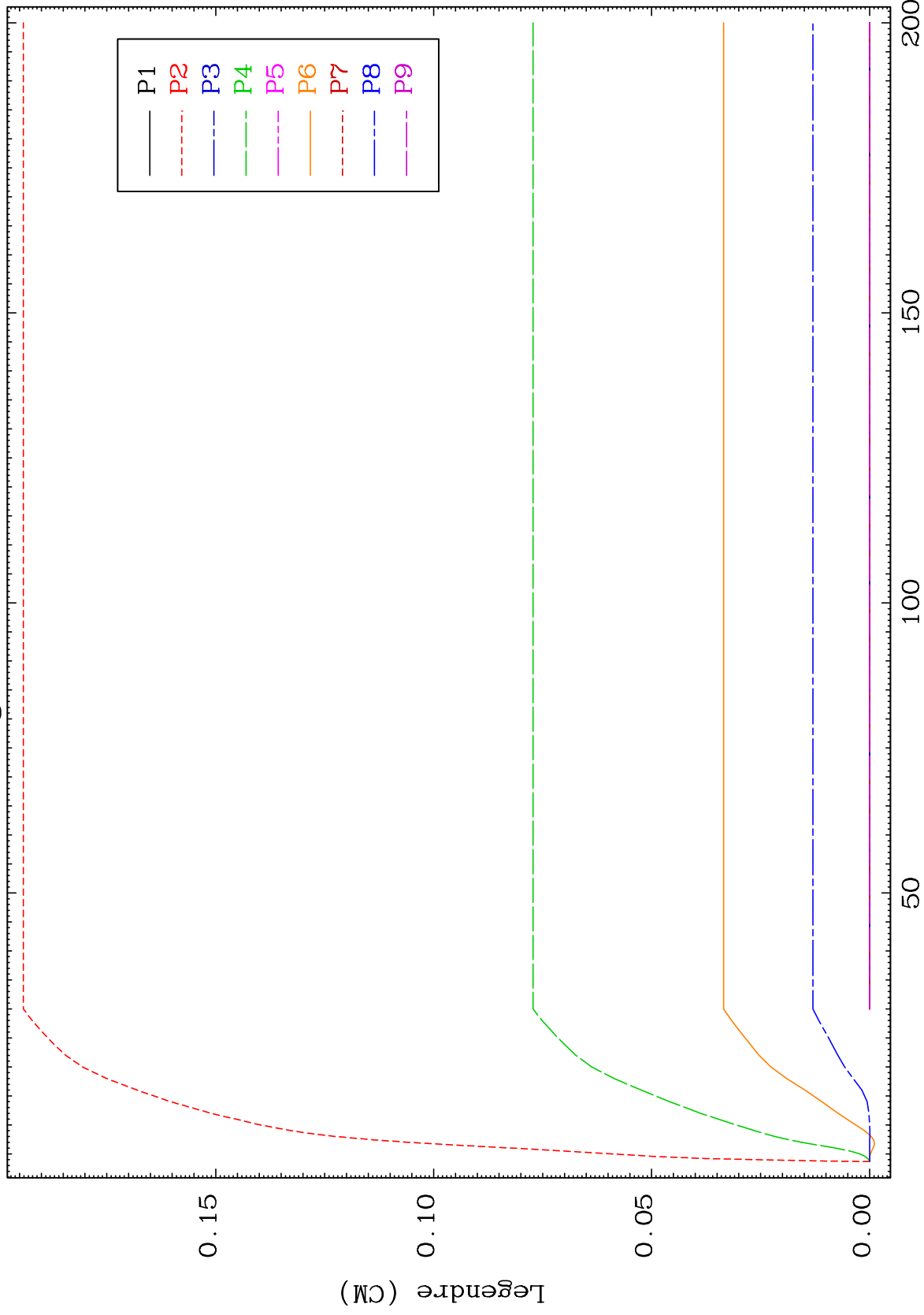
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



34

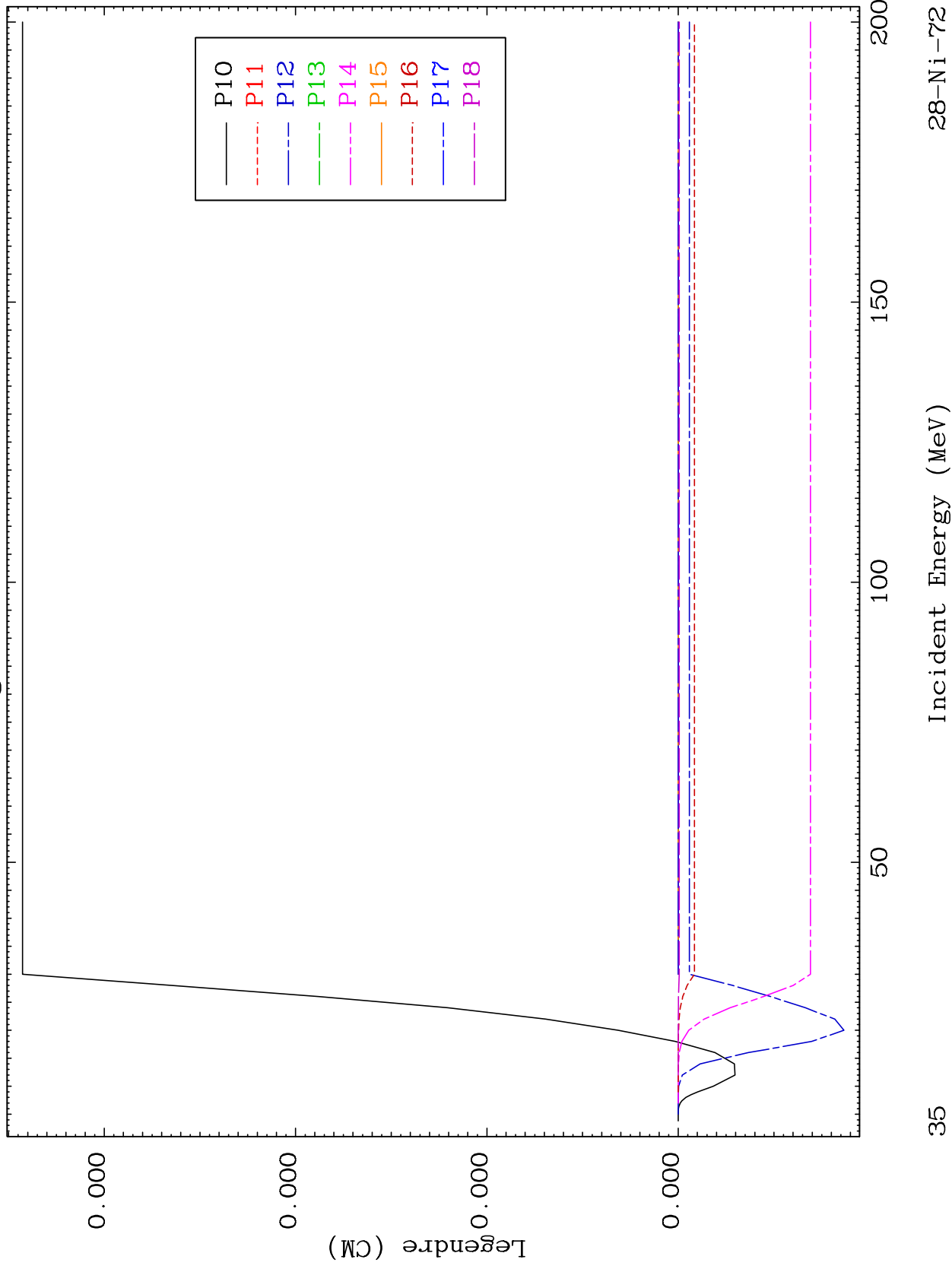
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

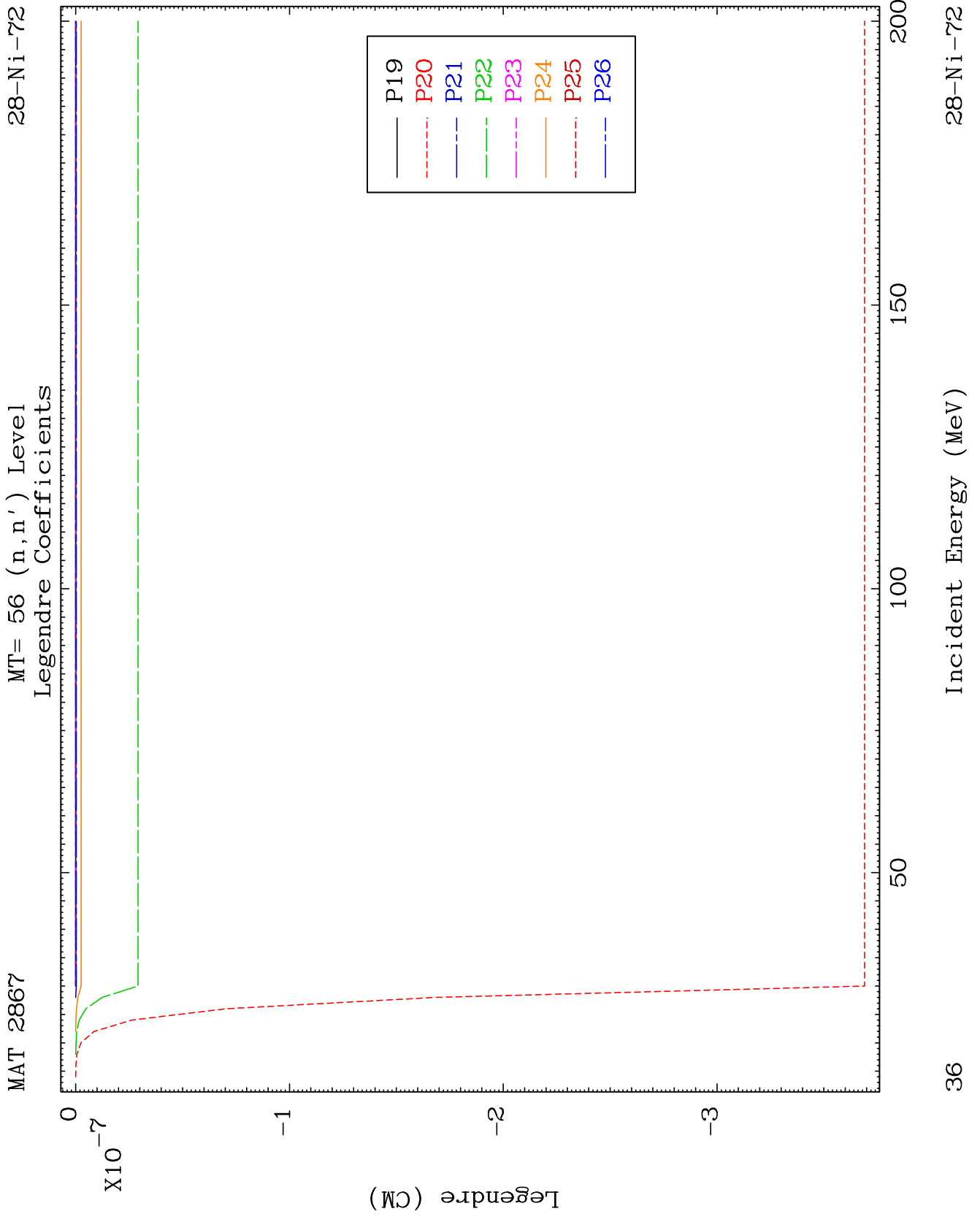
28-Ni-72



35

Incident Energy (MeV)

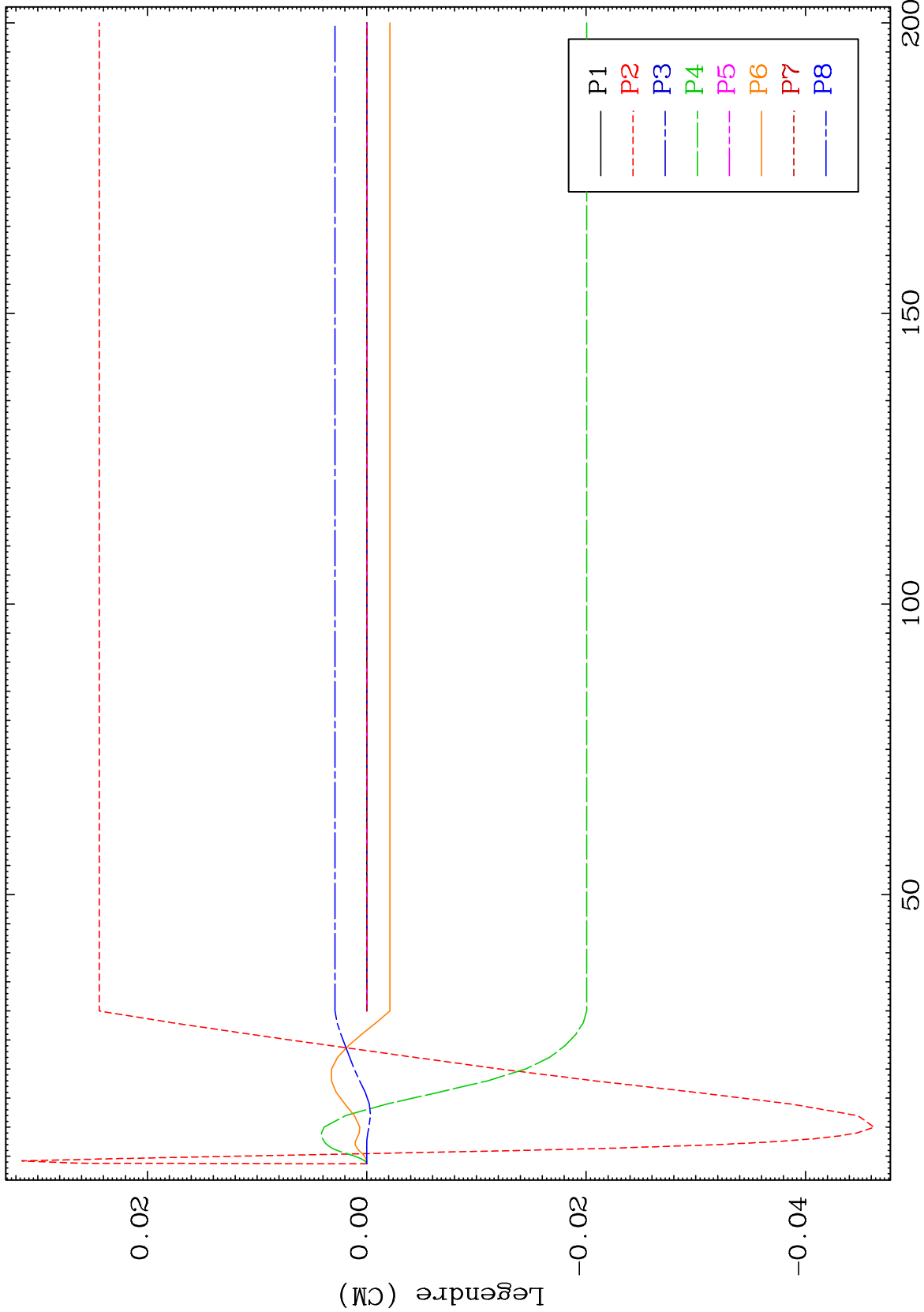
28-Ni-72



MAT 2867

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

28-Ni-72



37

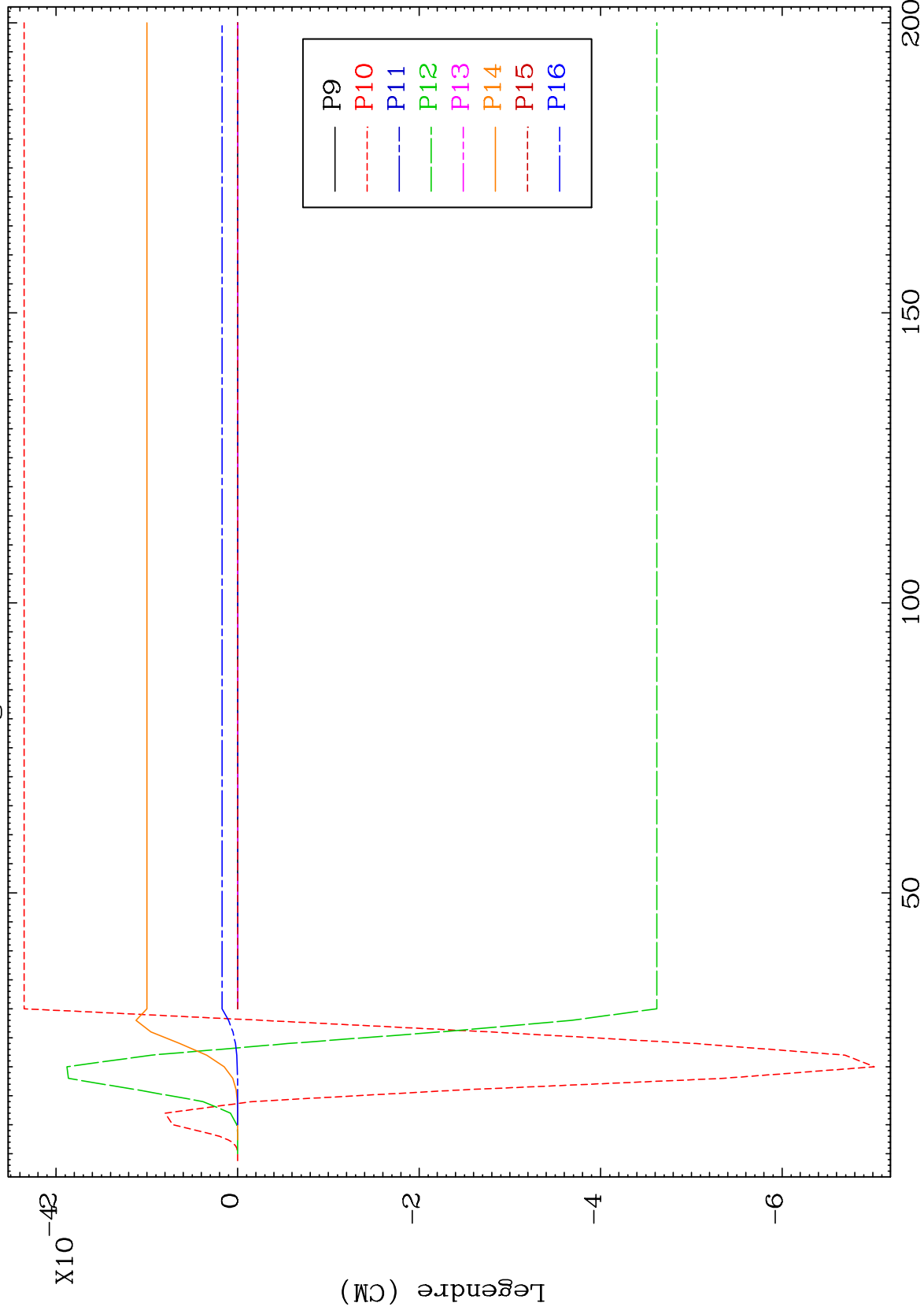
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

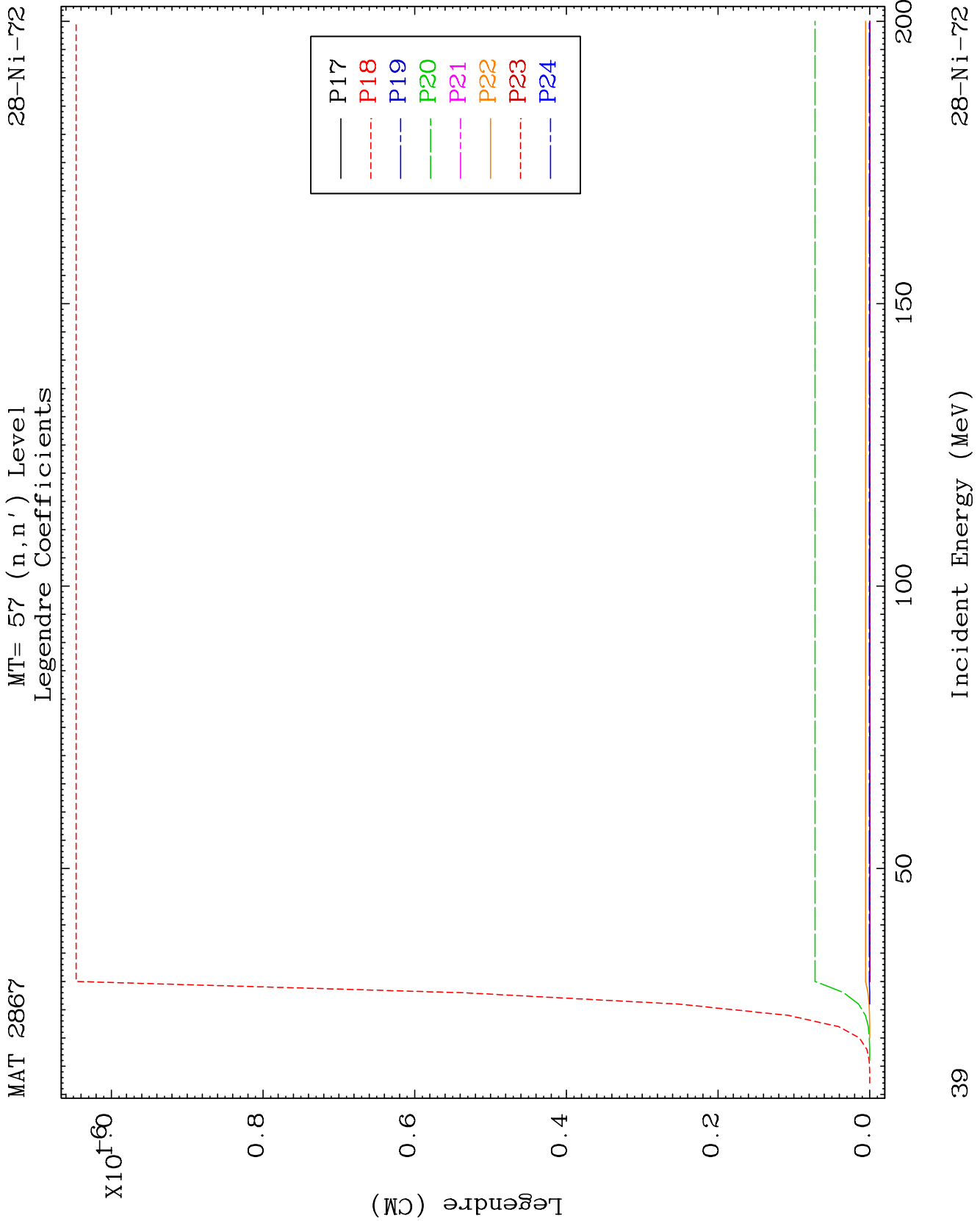
28-Ni-72



38

Incident Energy (MeV)

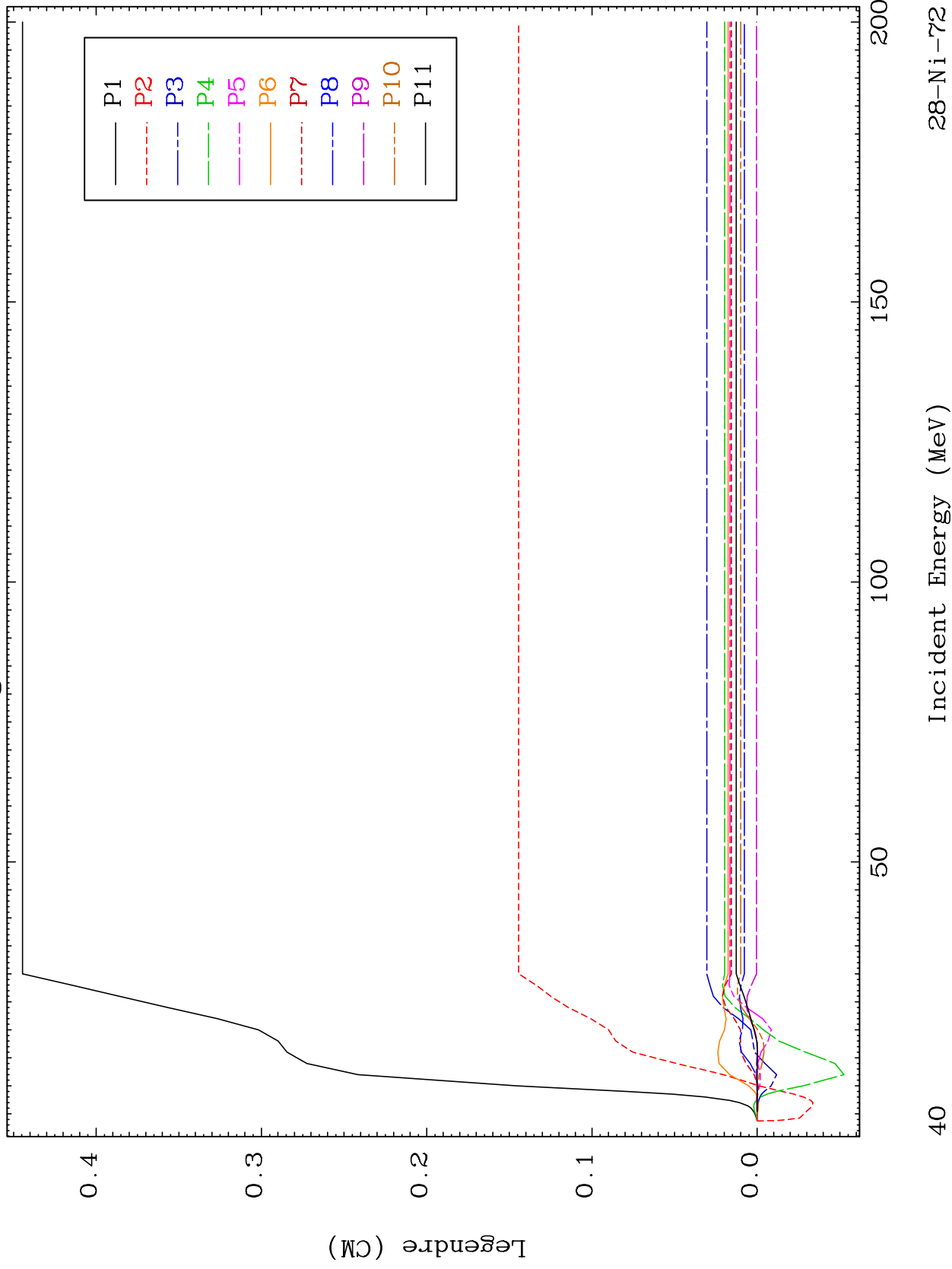
28-Ni-72



MAT 2867

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

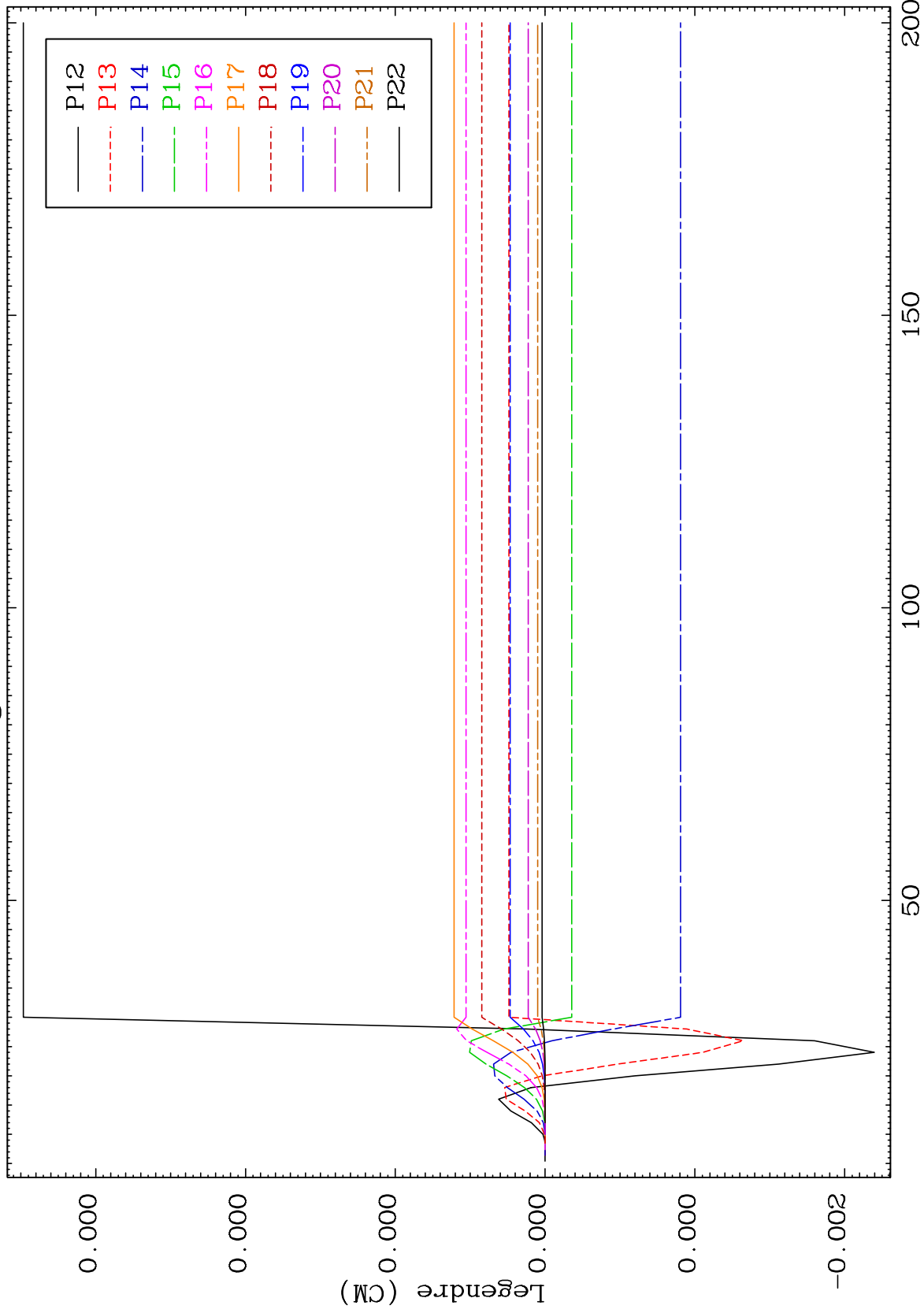
28-Ni-72



MAT 2867

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

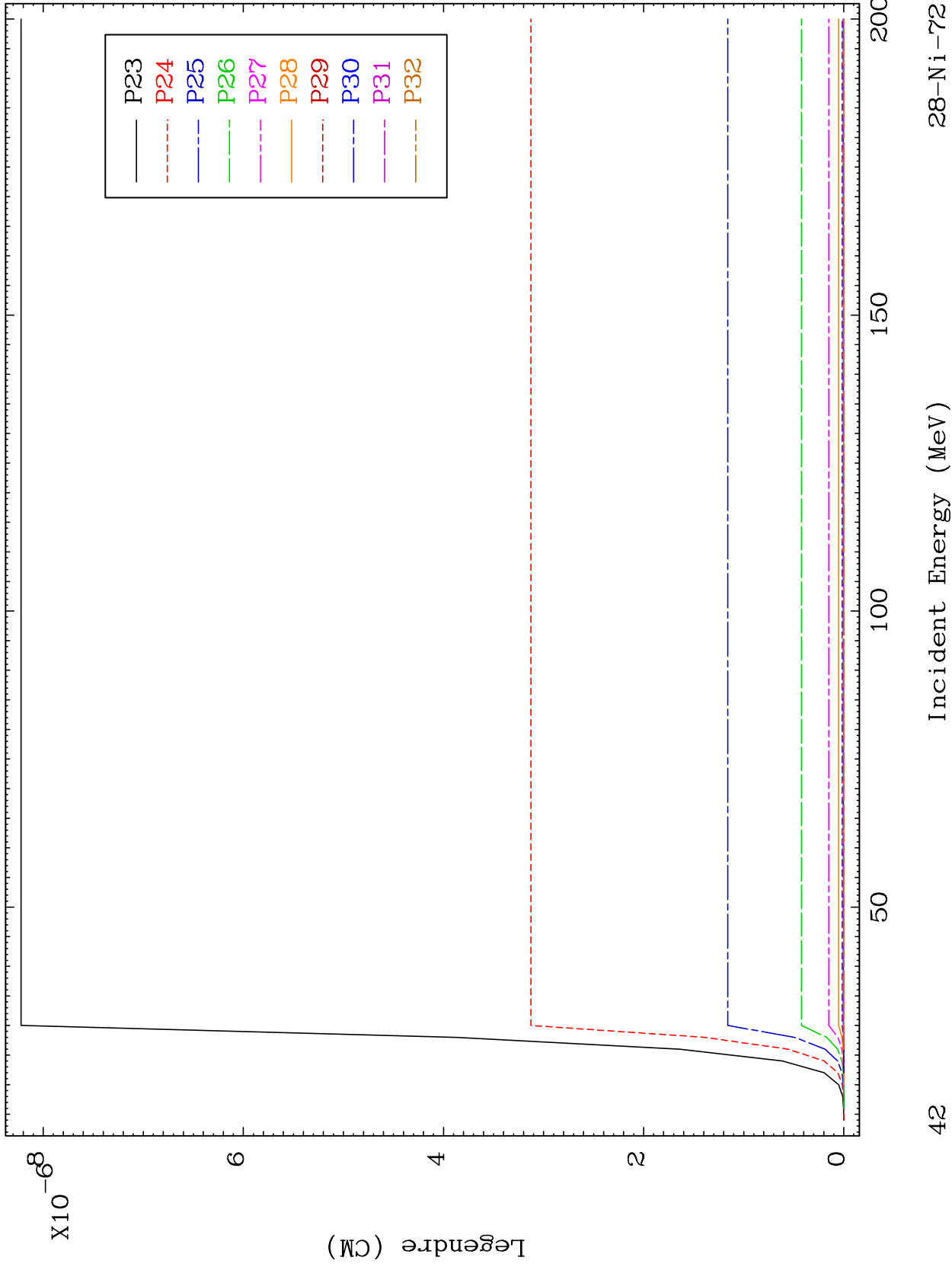
28-Ni-72



MAT 2867

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

28-Ni-72



42

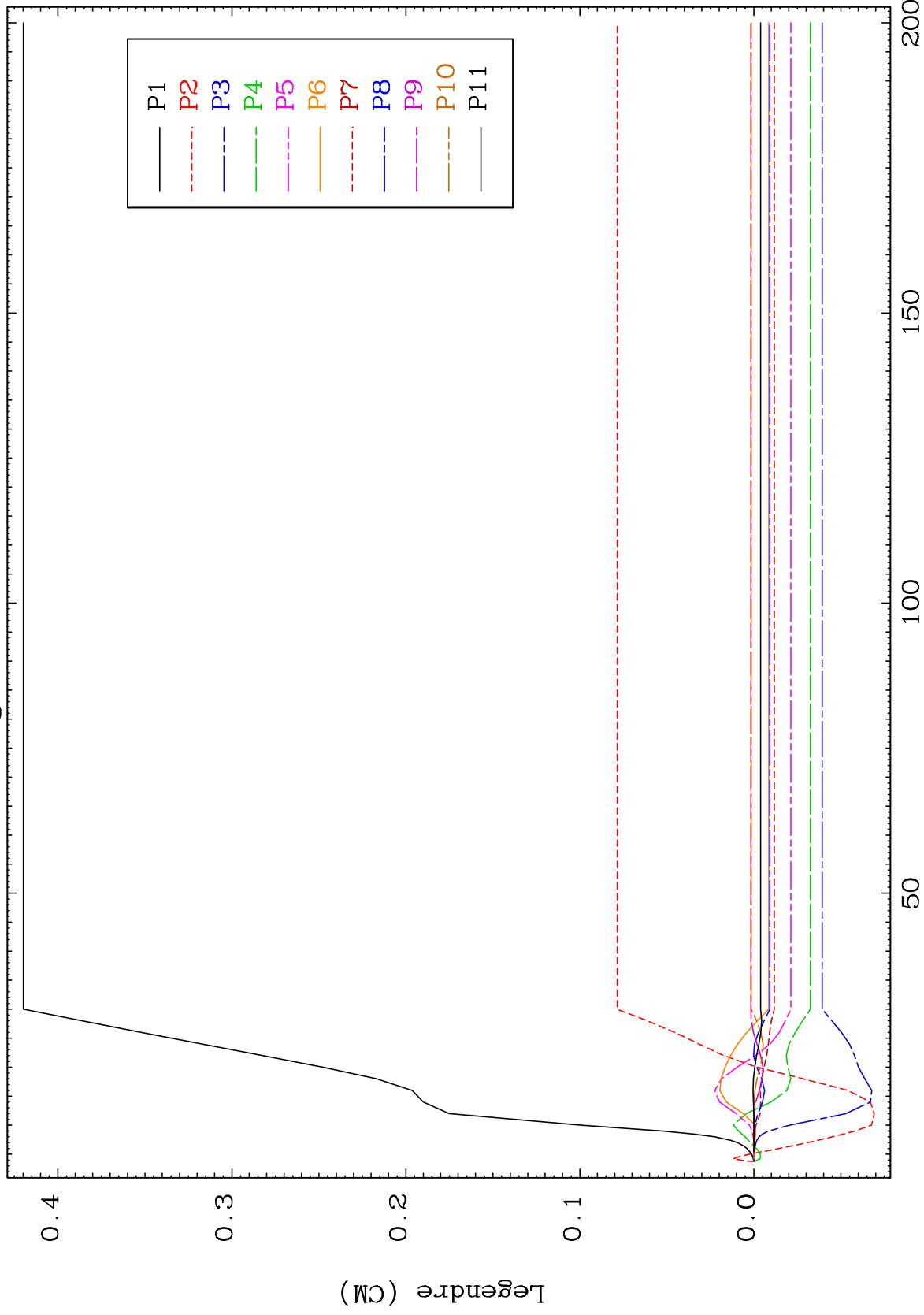
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



43

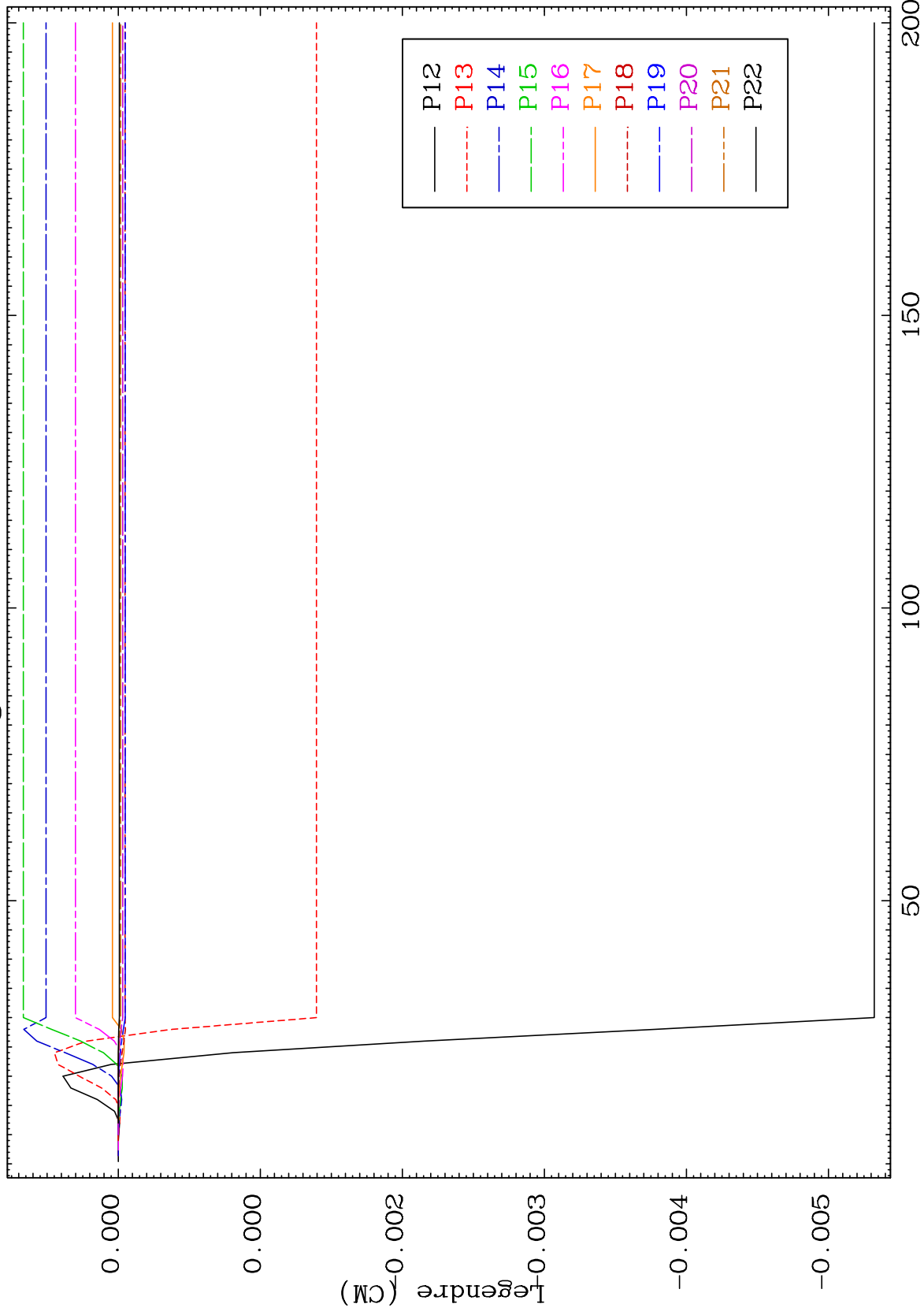
Incident Energy (MeV)

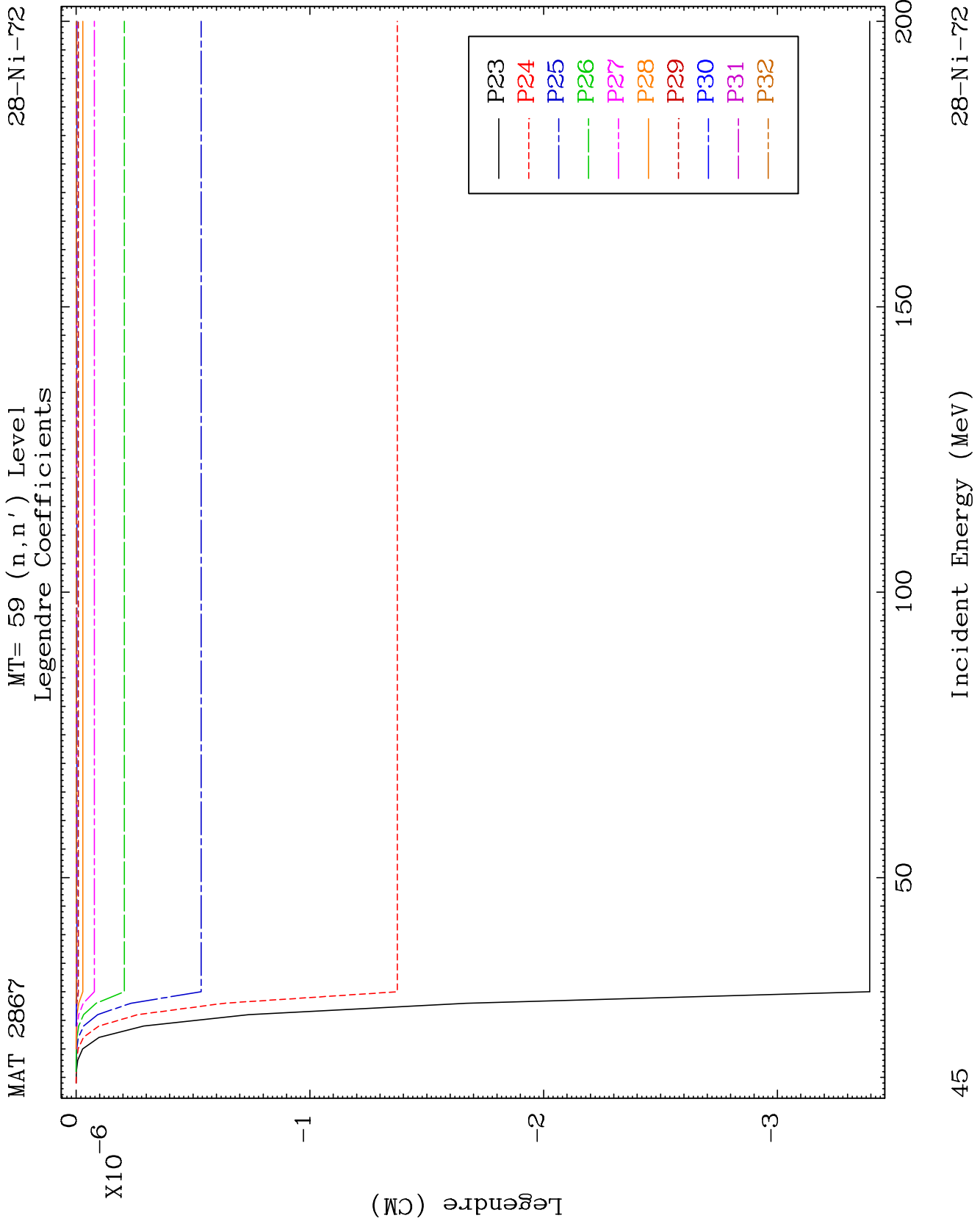
28-Ni-72

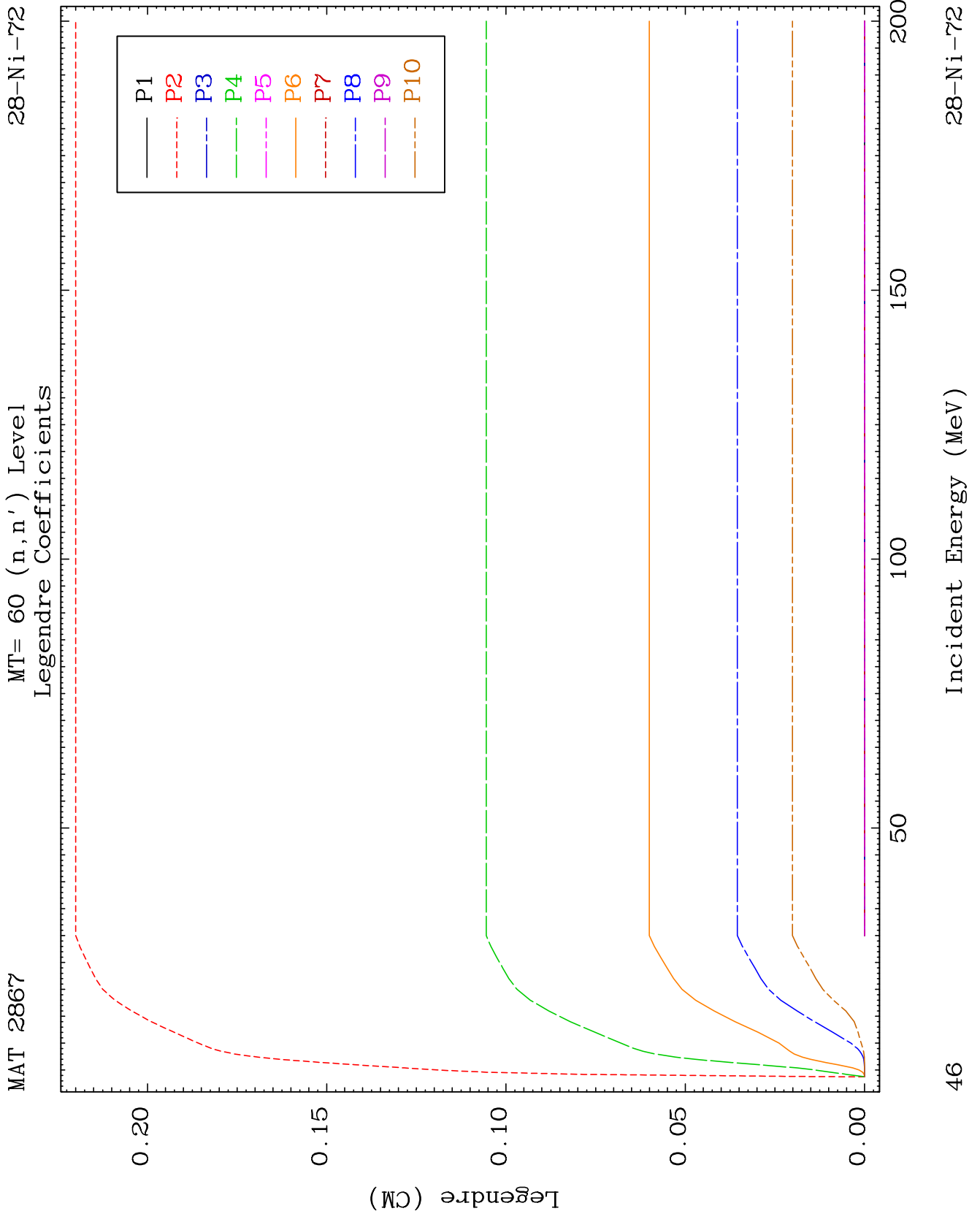
MAT 2867

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

28-Ni-72



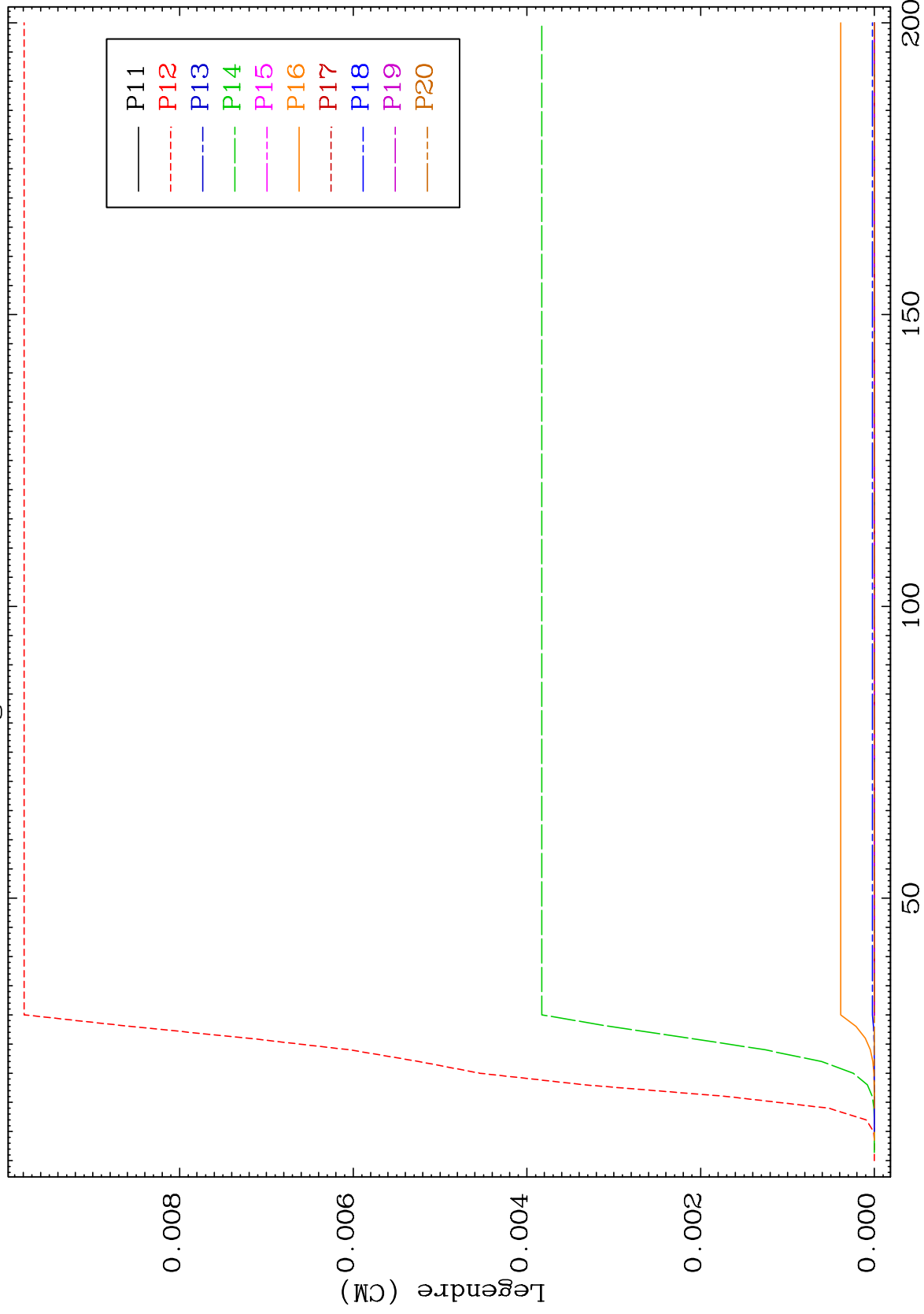




MAT 2867

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

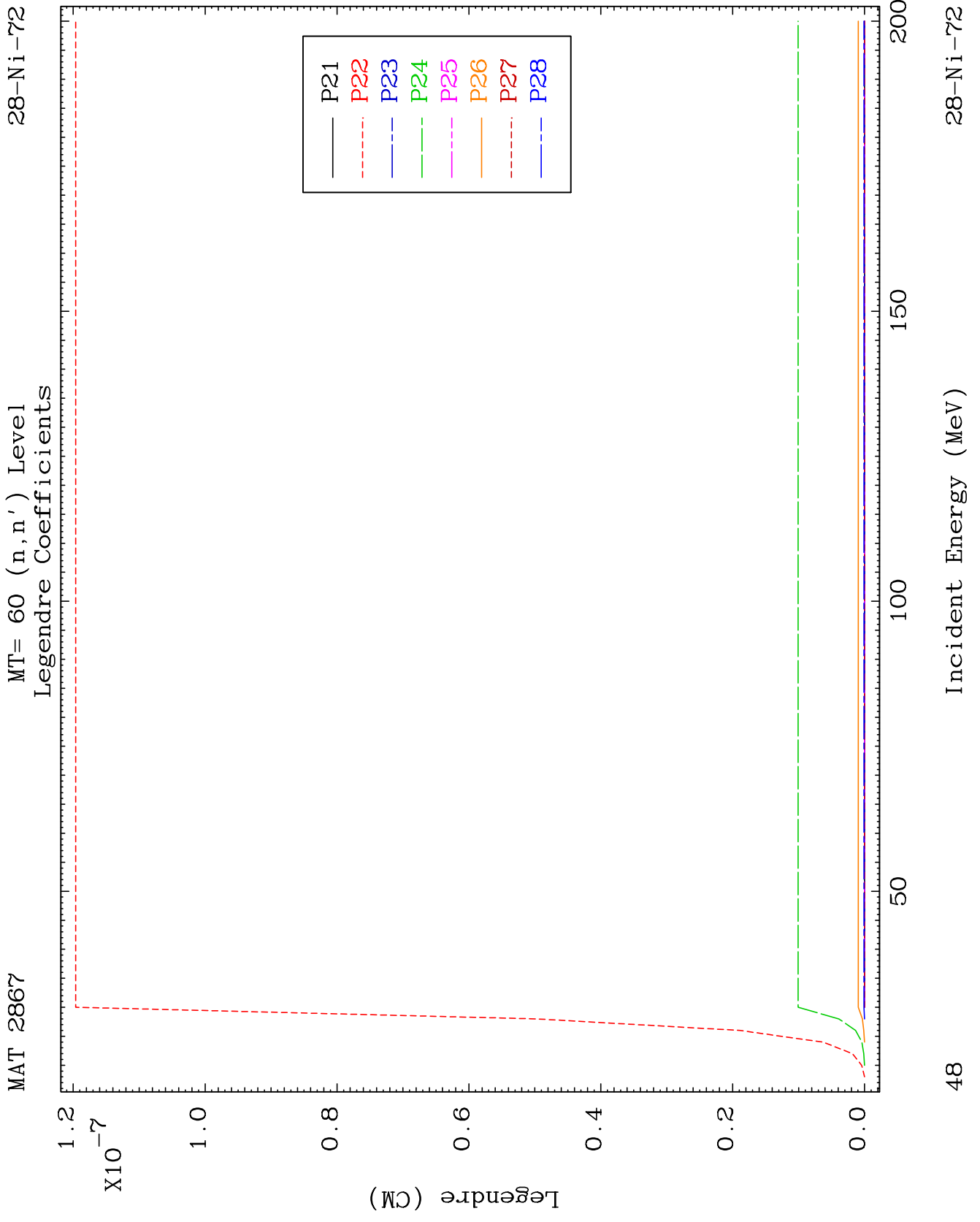
28-Ni-72



47

Incident Energy (MeV)

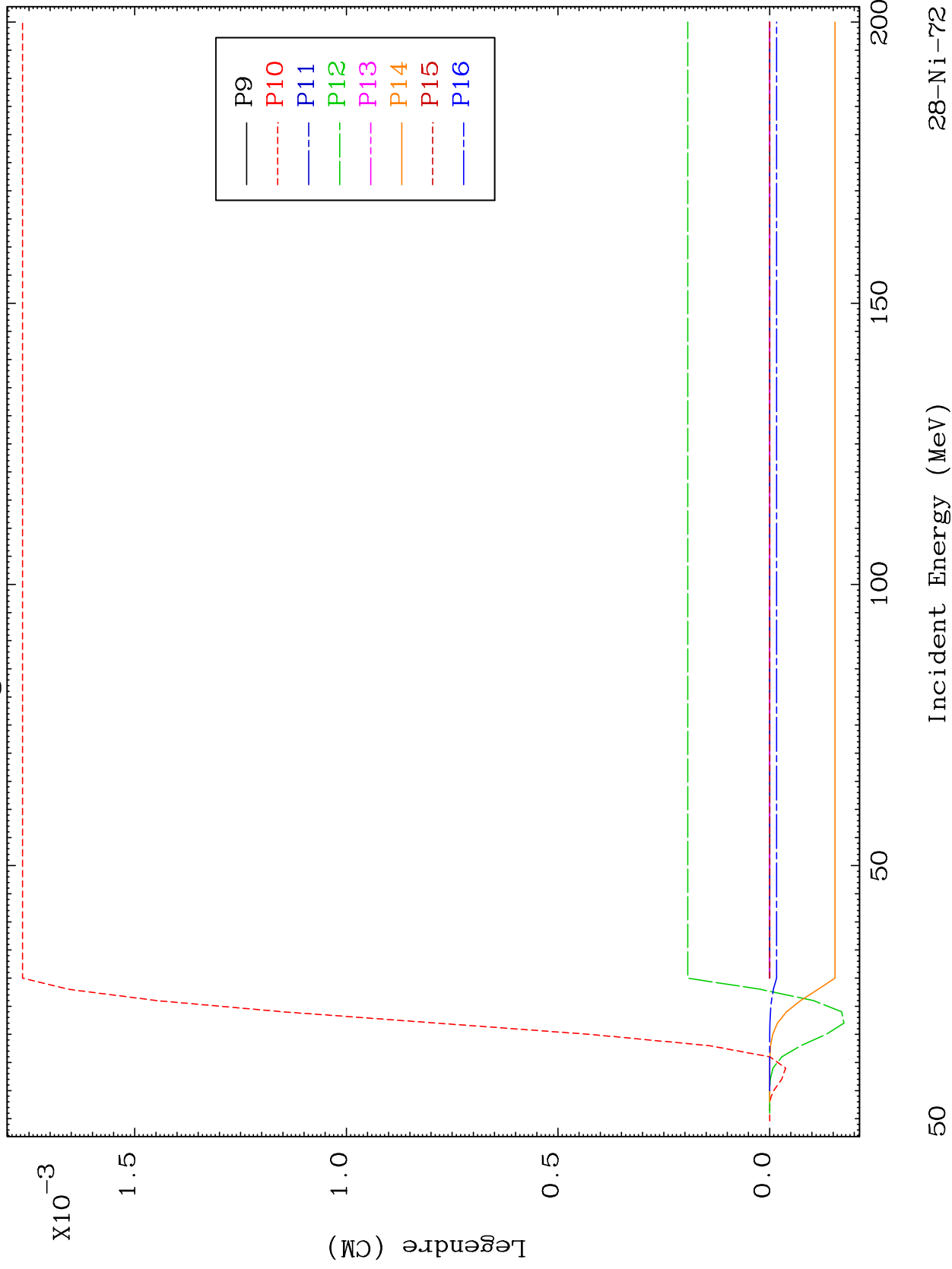
28-Ni-72

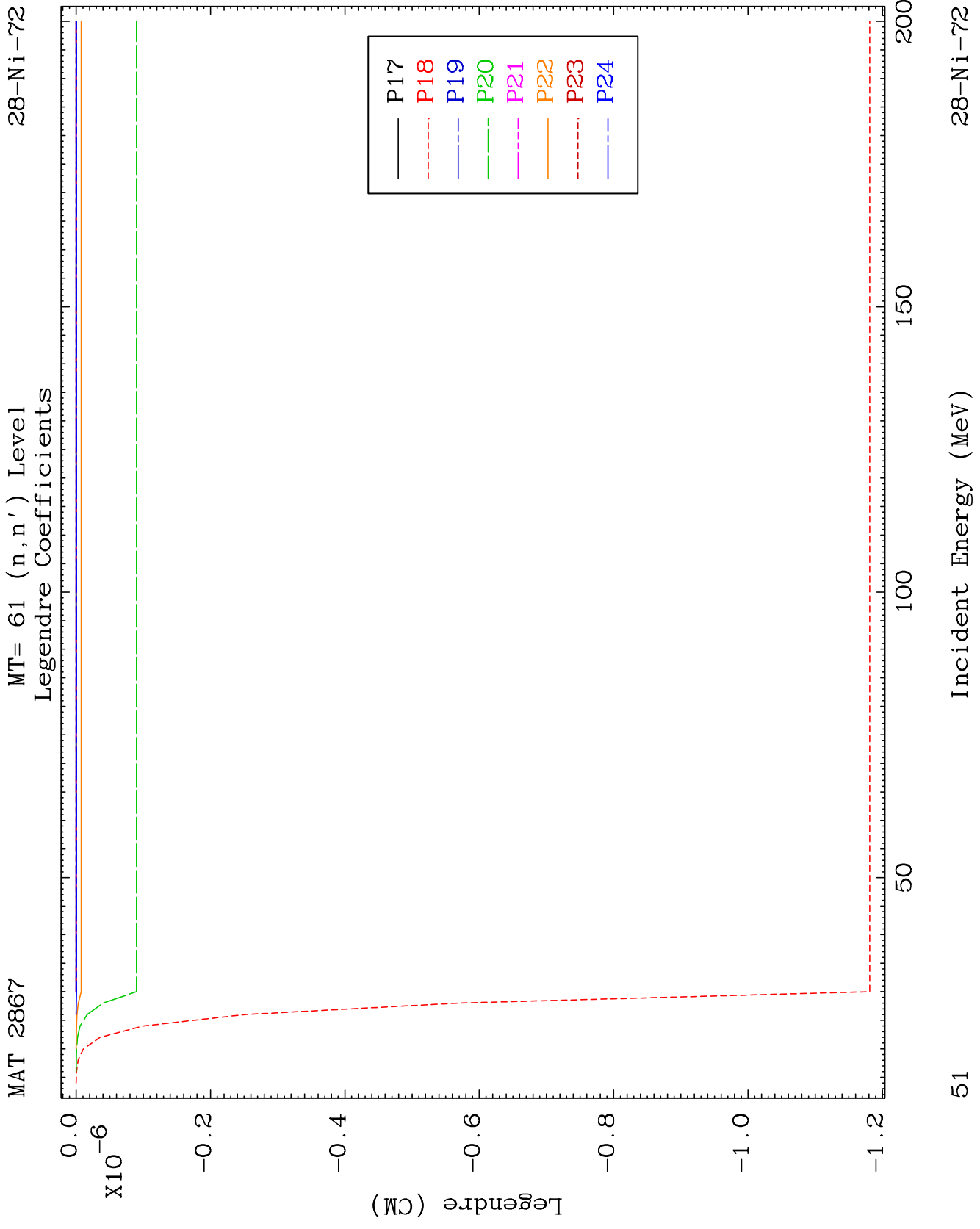


MAT 2867

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

28-Ni-72

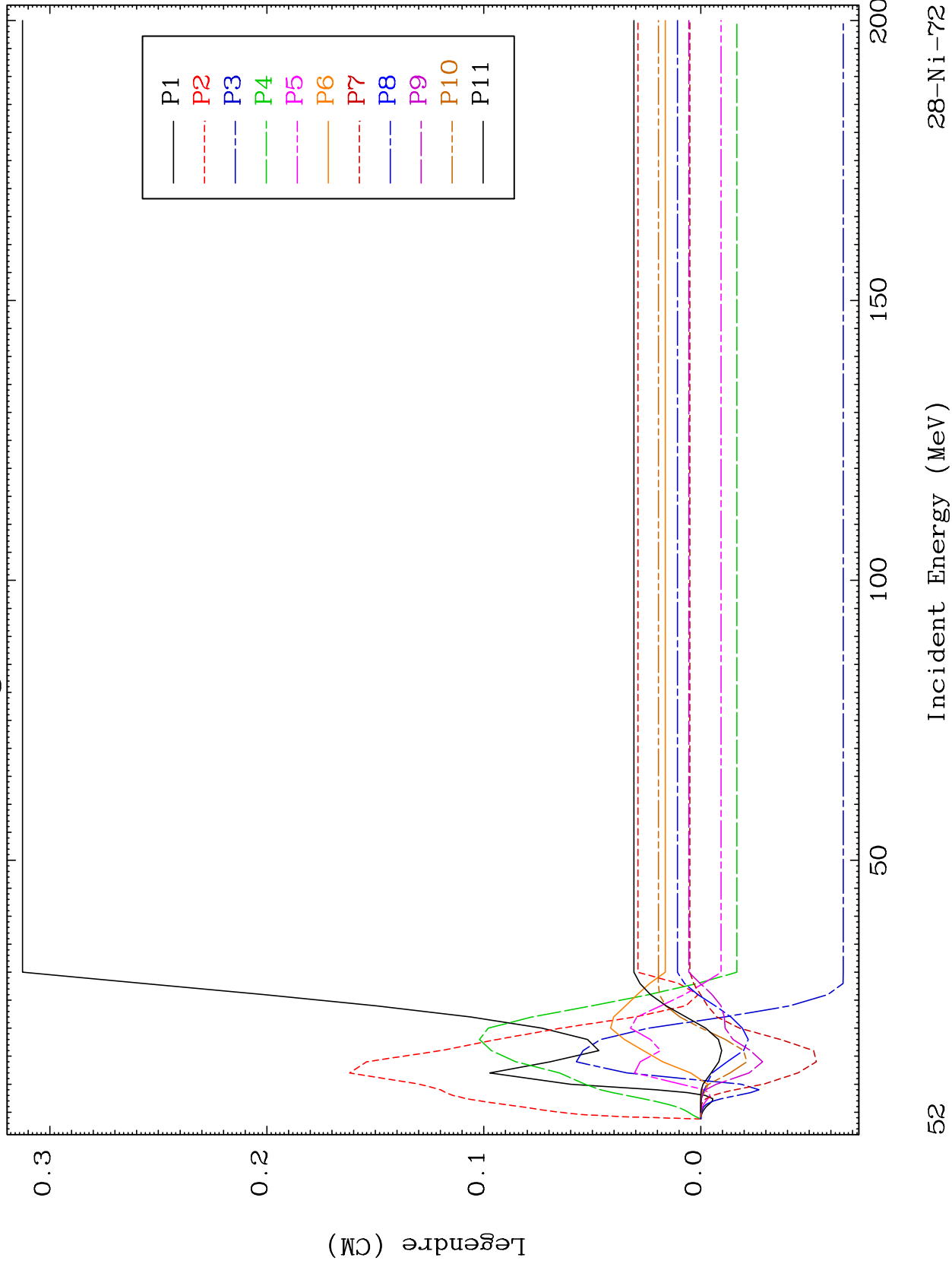




MAT 2867

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

28-Ni-72



52

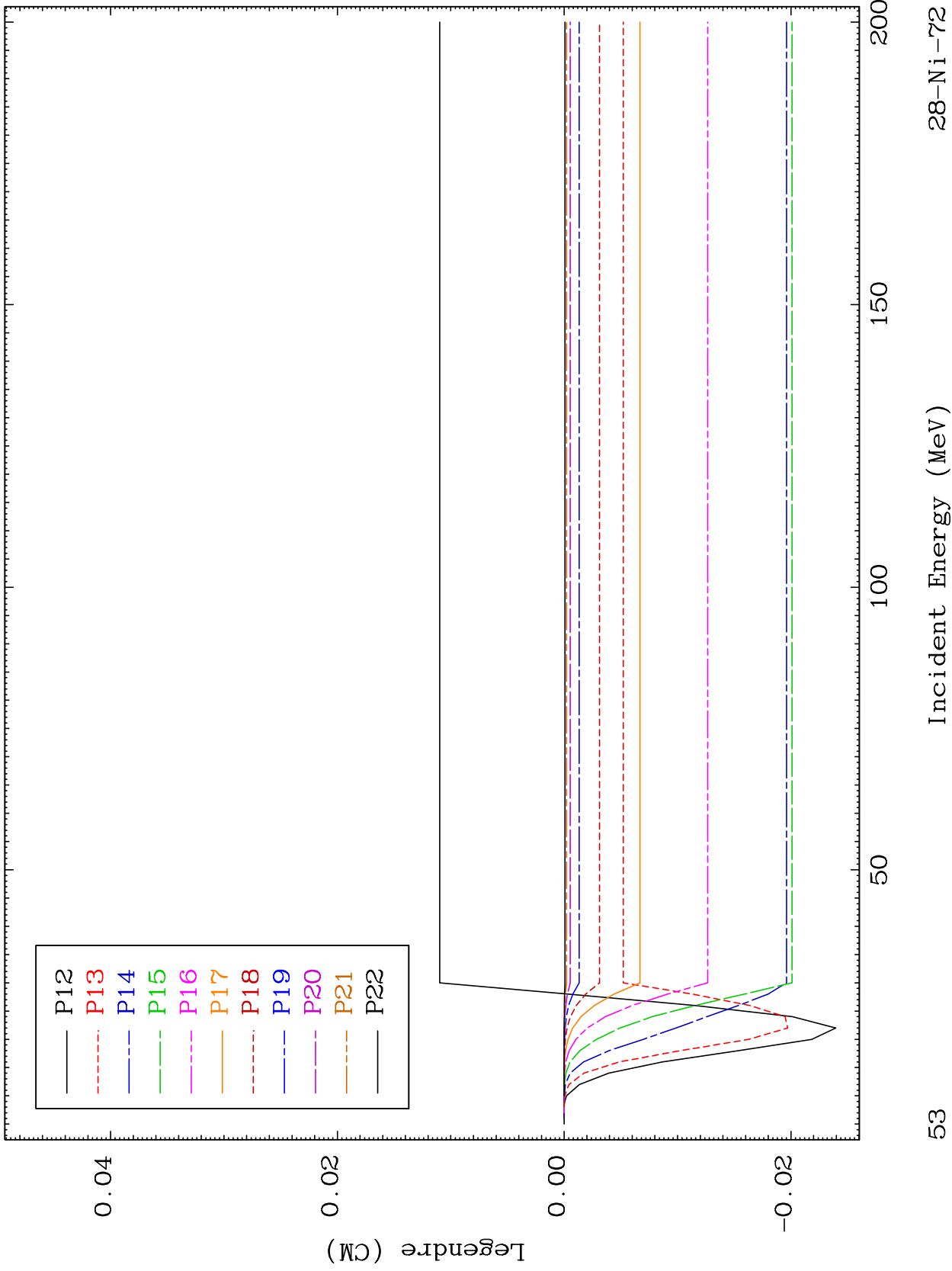
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

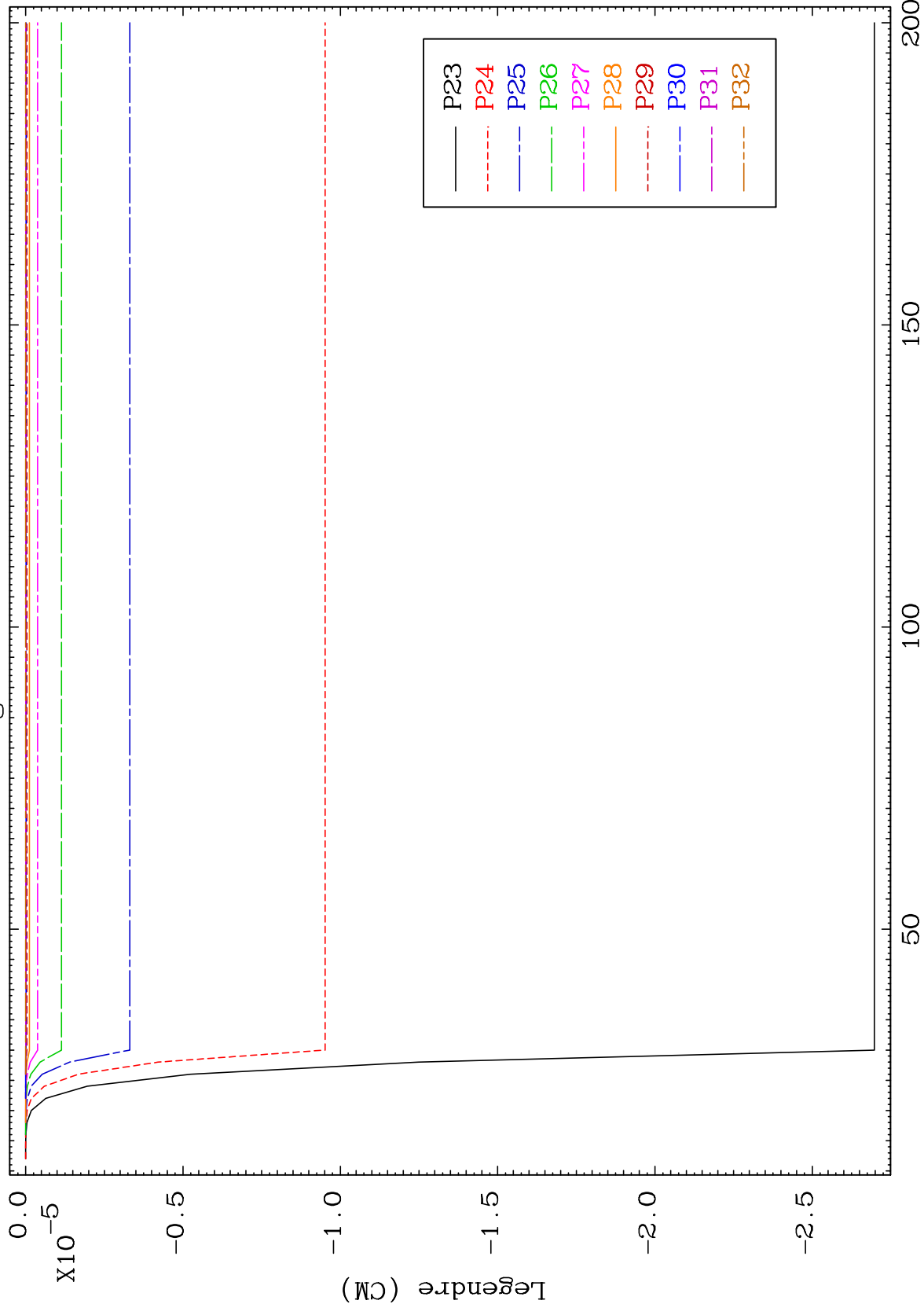
28-Ni-72



MAT 2867

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

28-Ni-72



54

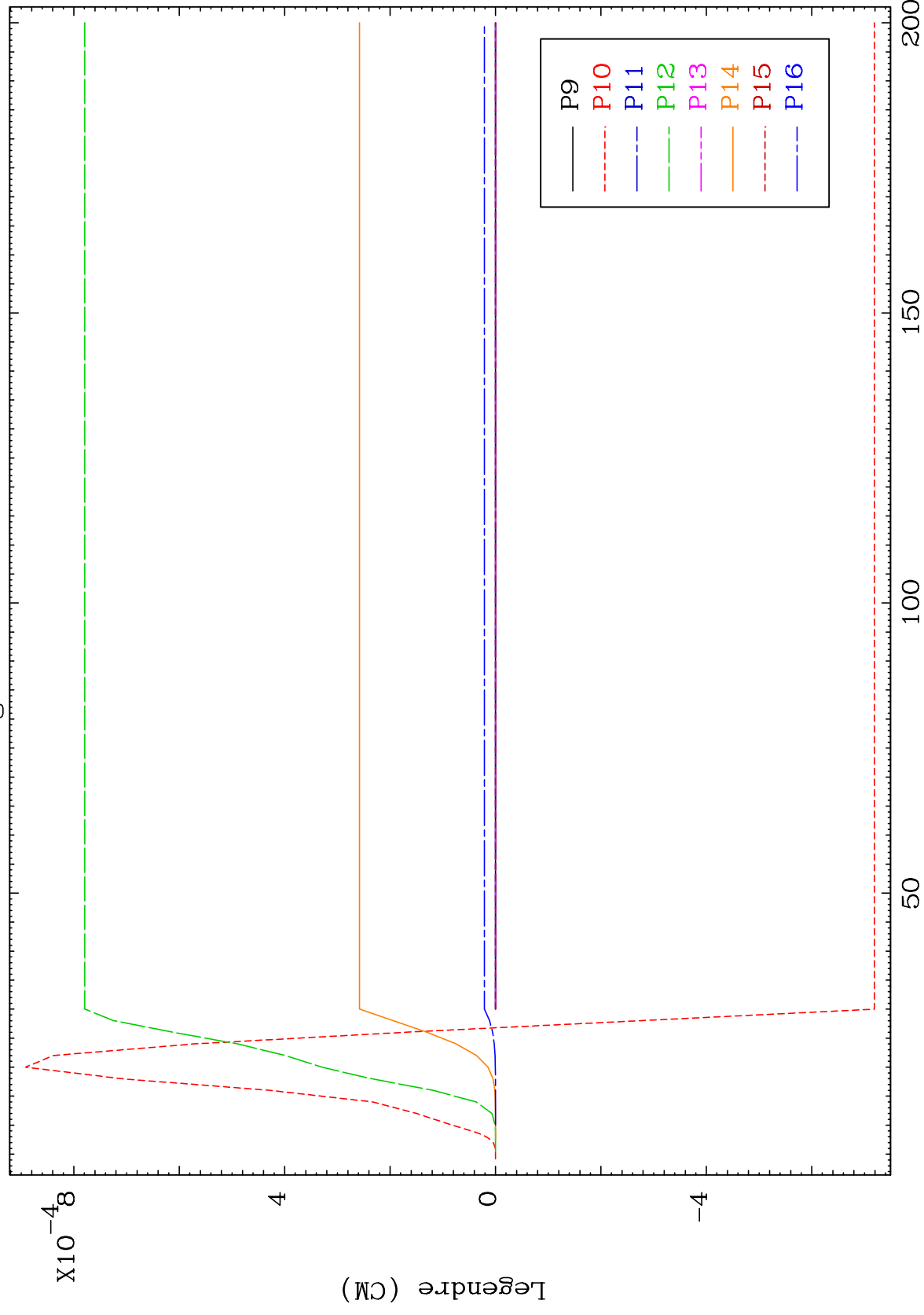
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



56

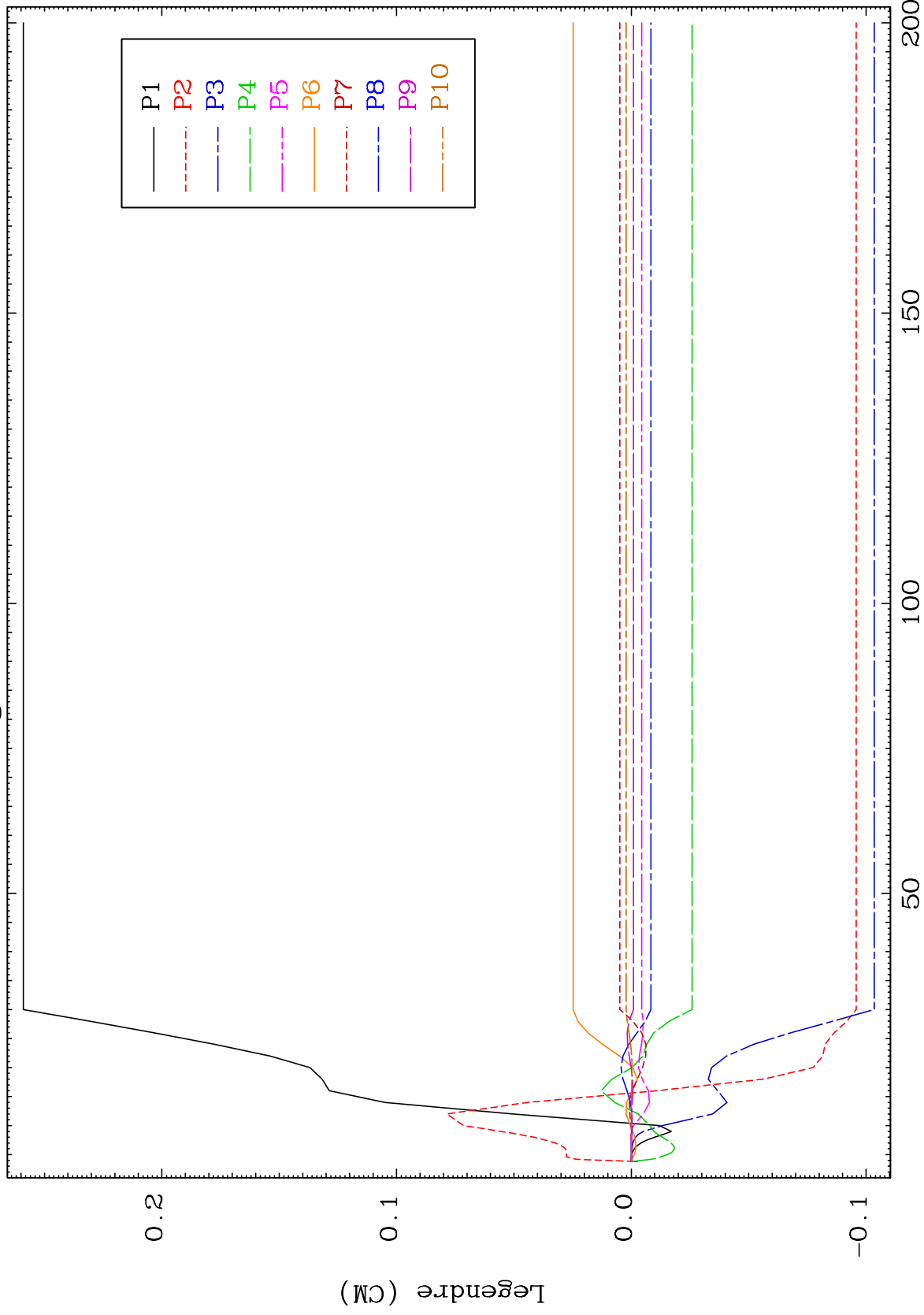
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



58

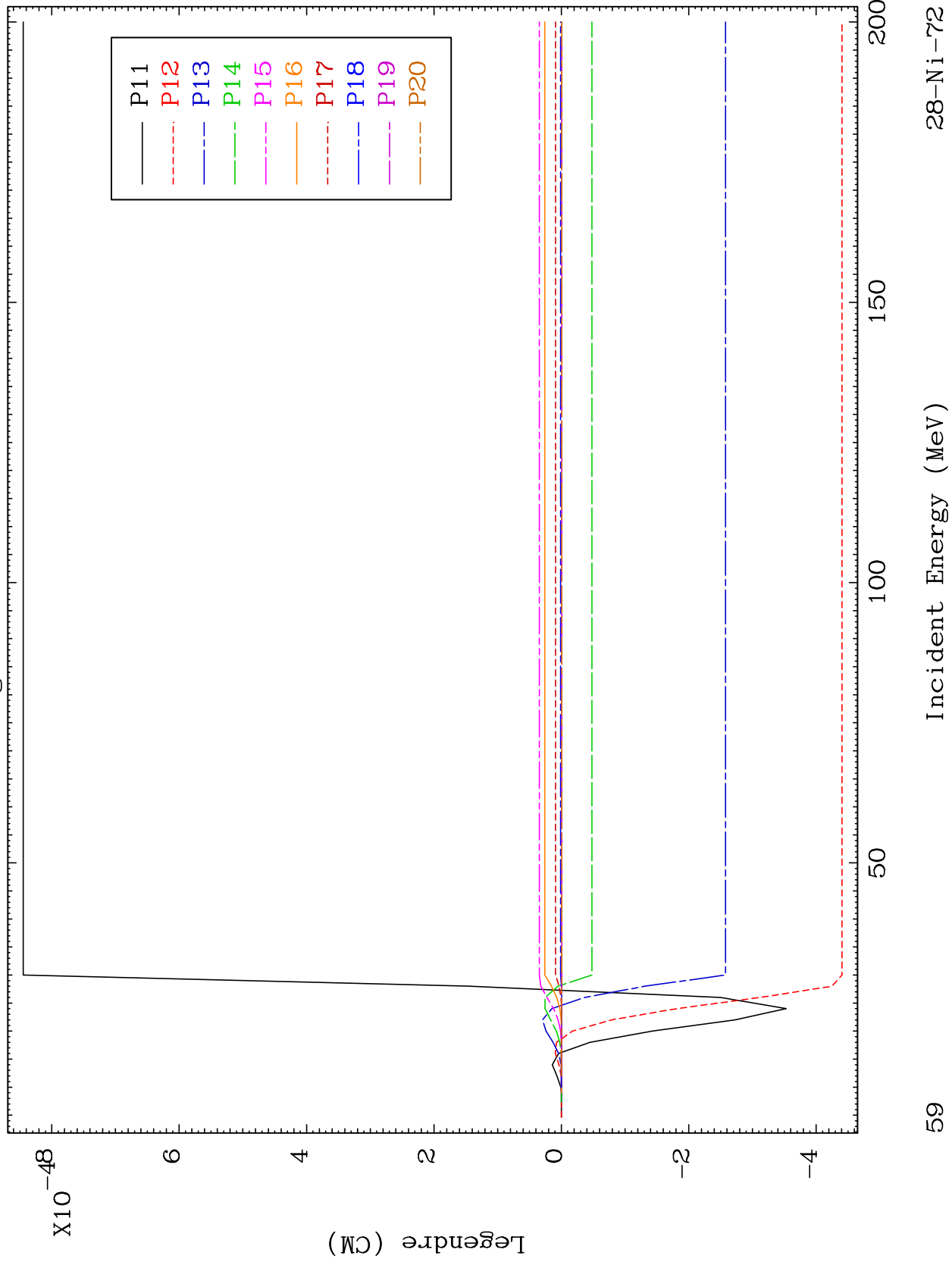
Incident Energy (MeV)

28-Ni-72

MAT 2867

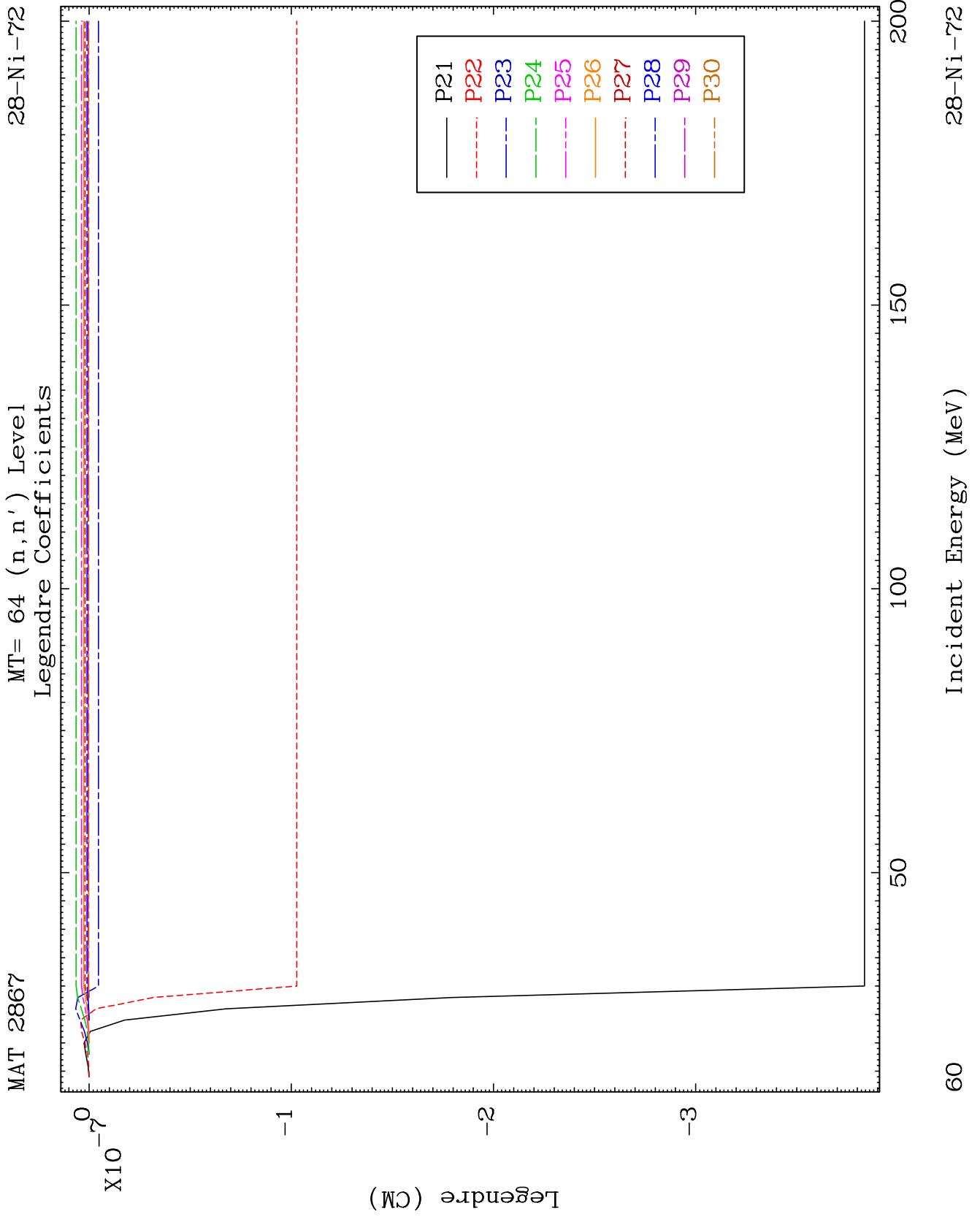
MT= 64 (n,n') Level
Legendre Coefficients

28-Ni-72



59

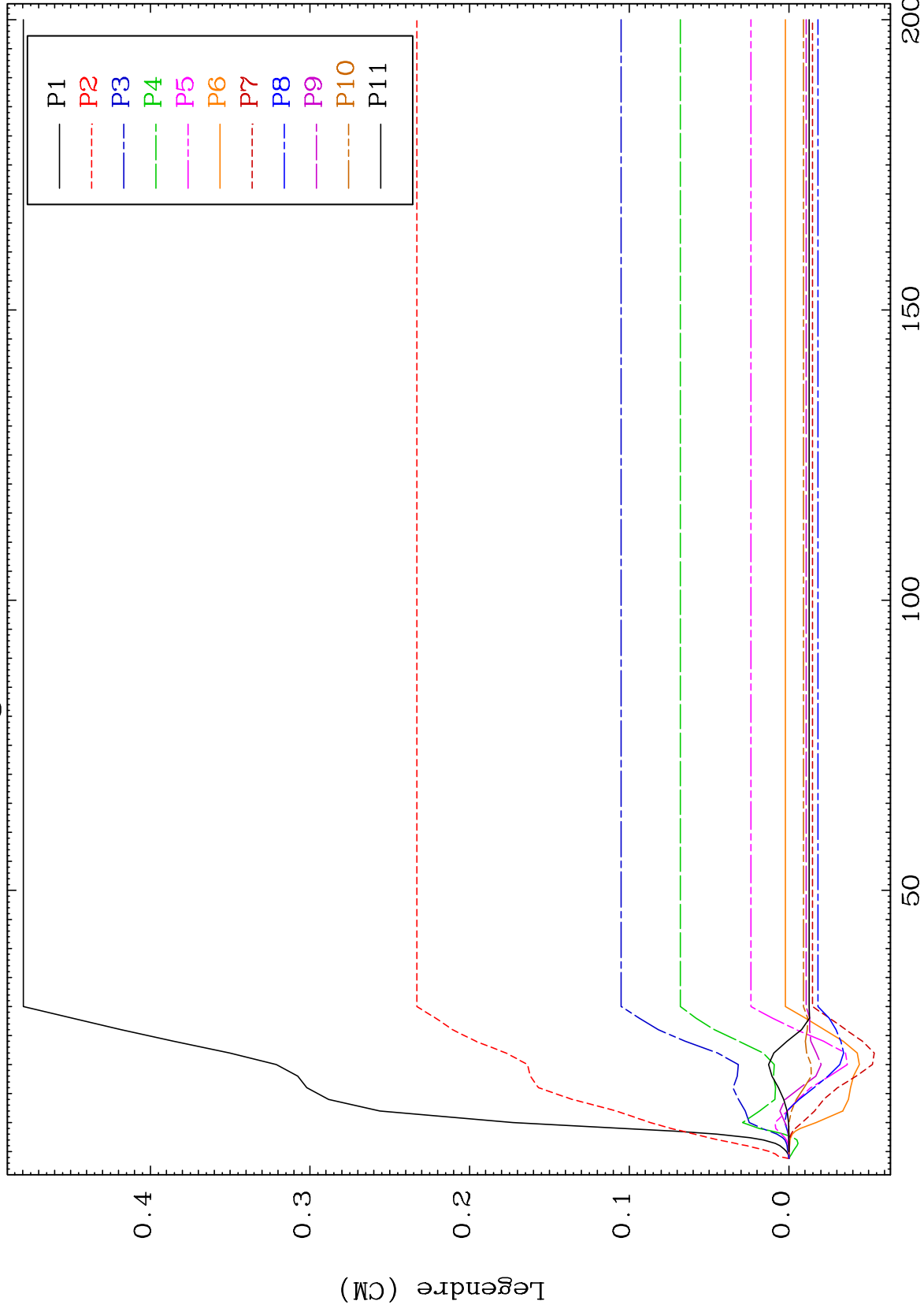
28-Ni-72



MAT 2867

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

28-Ni-72



61

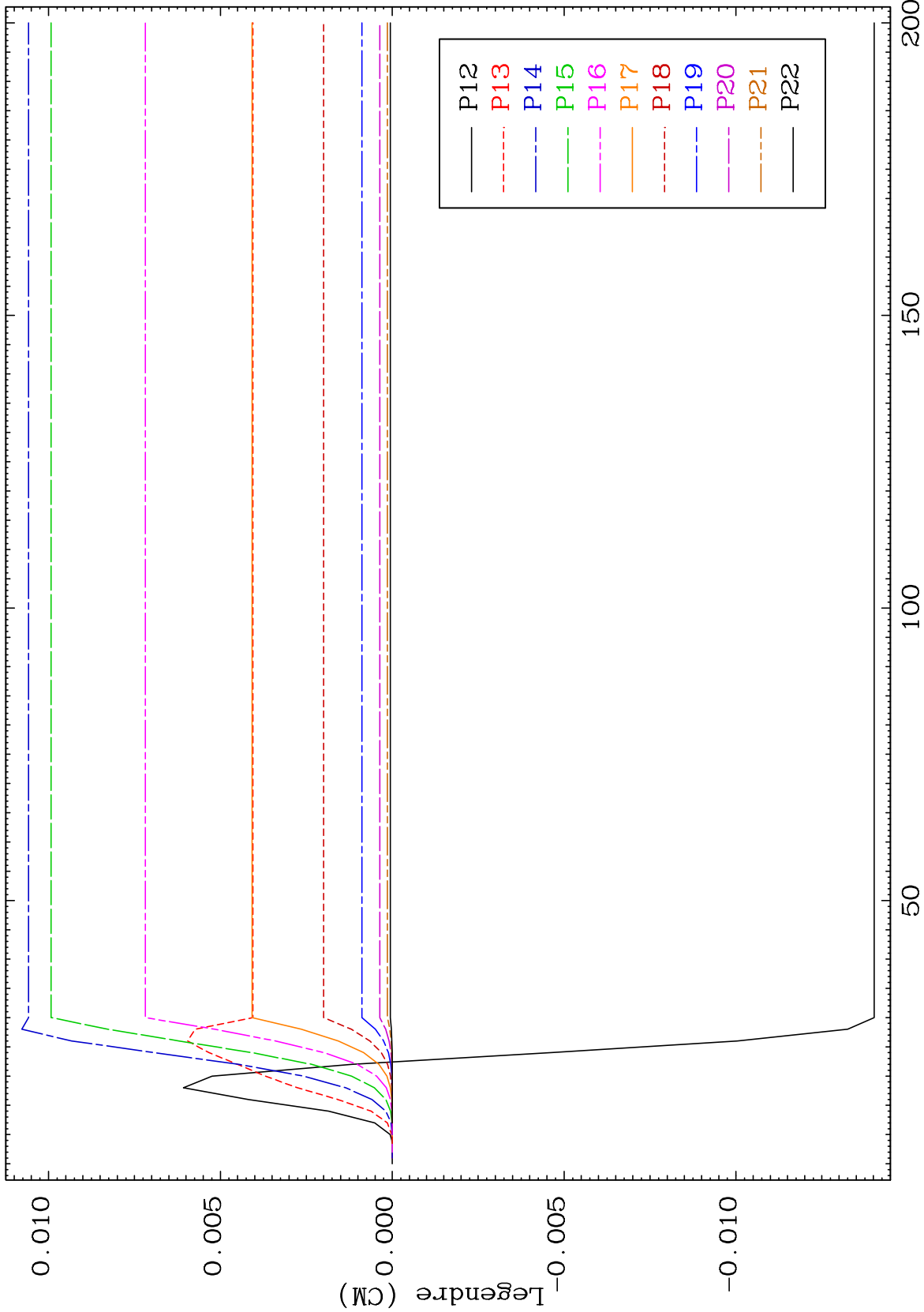
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

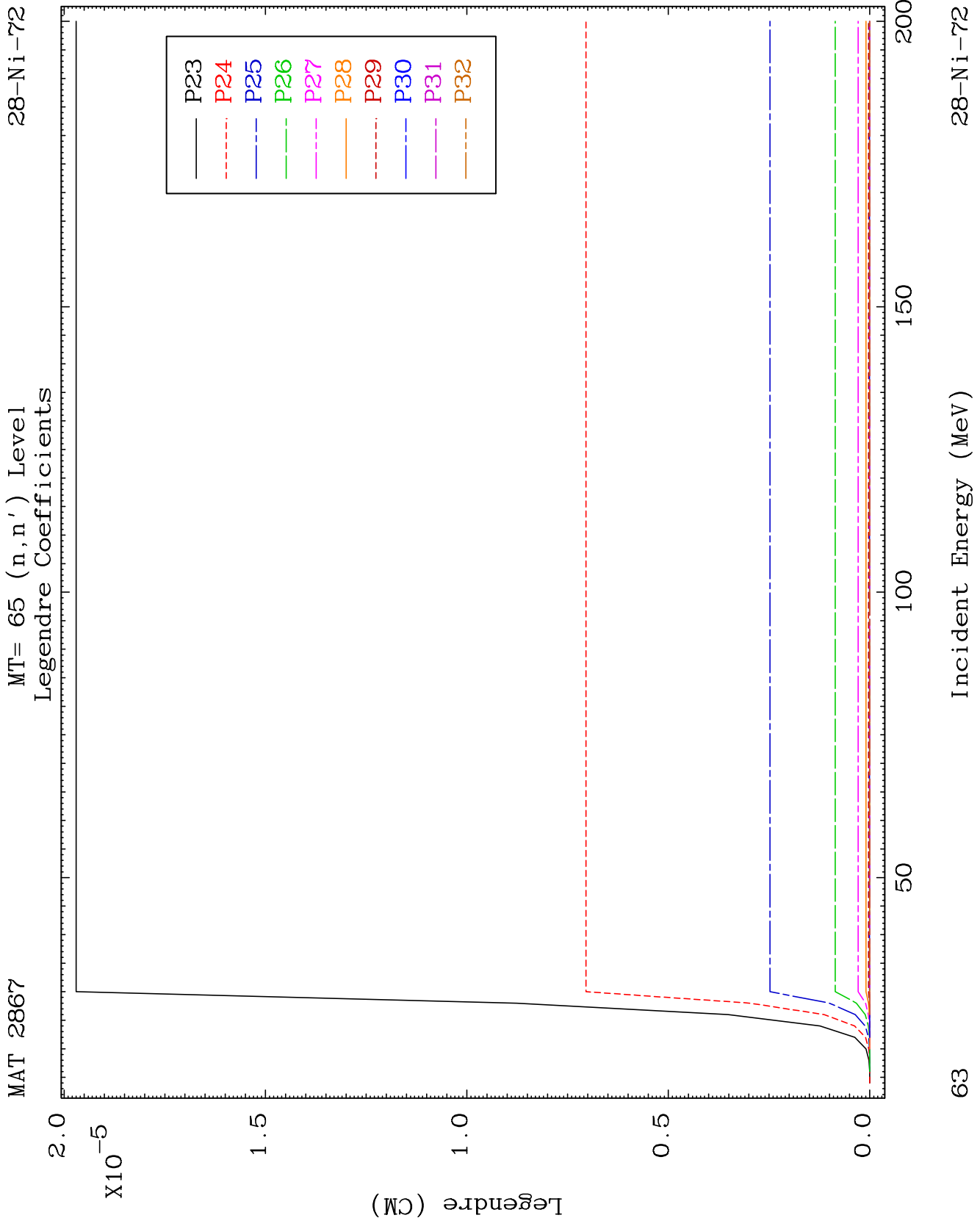
28-Ni-72



62

Incident Energy (MeV)

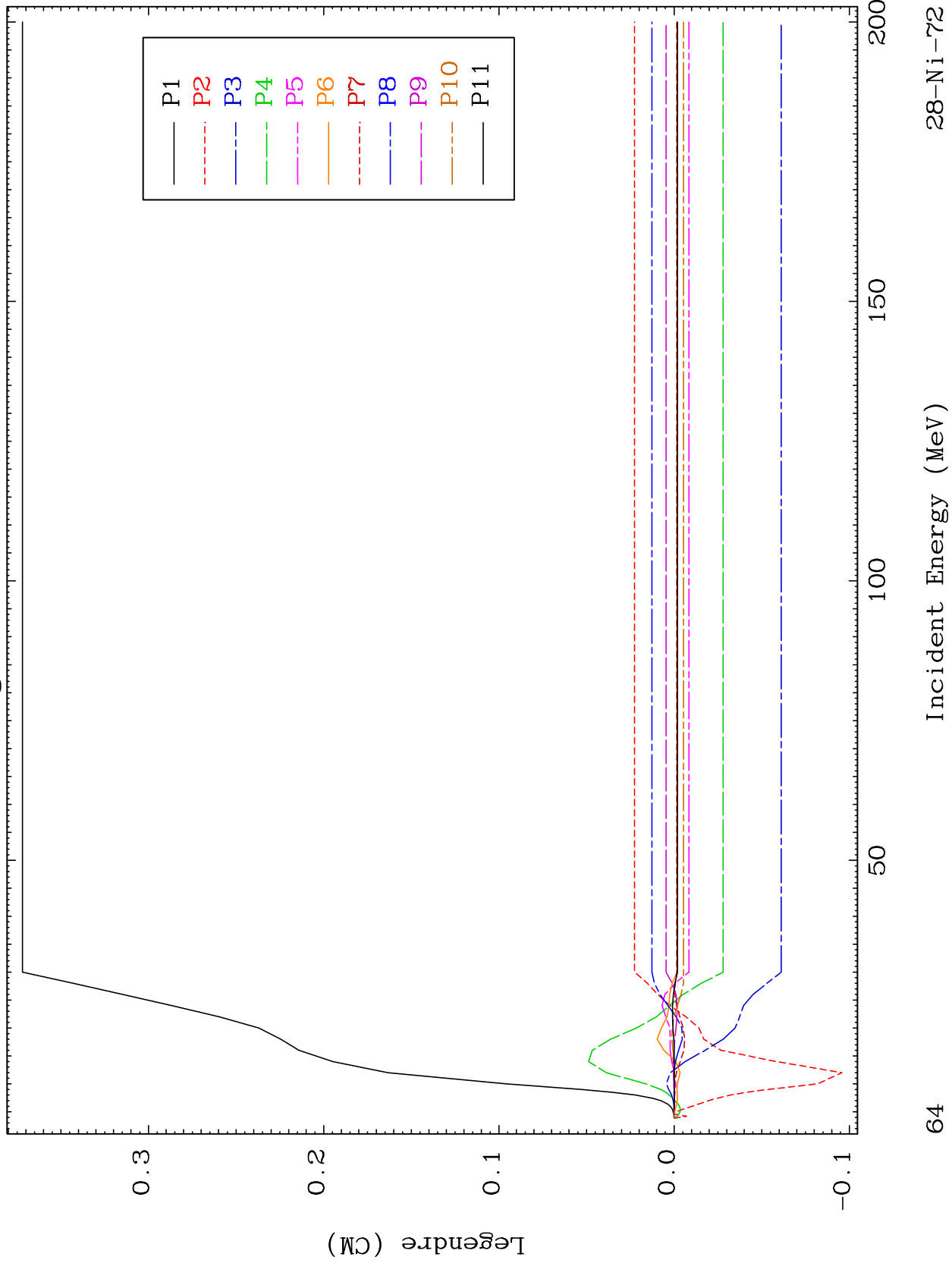
28-Ni-72



MAT 2867

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

28-Ni-72



64

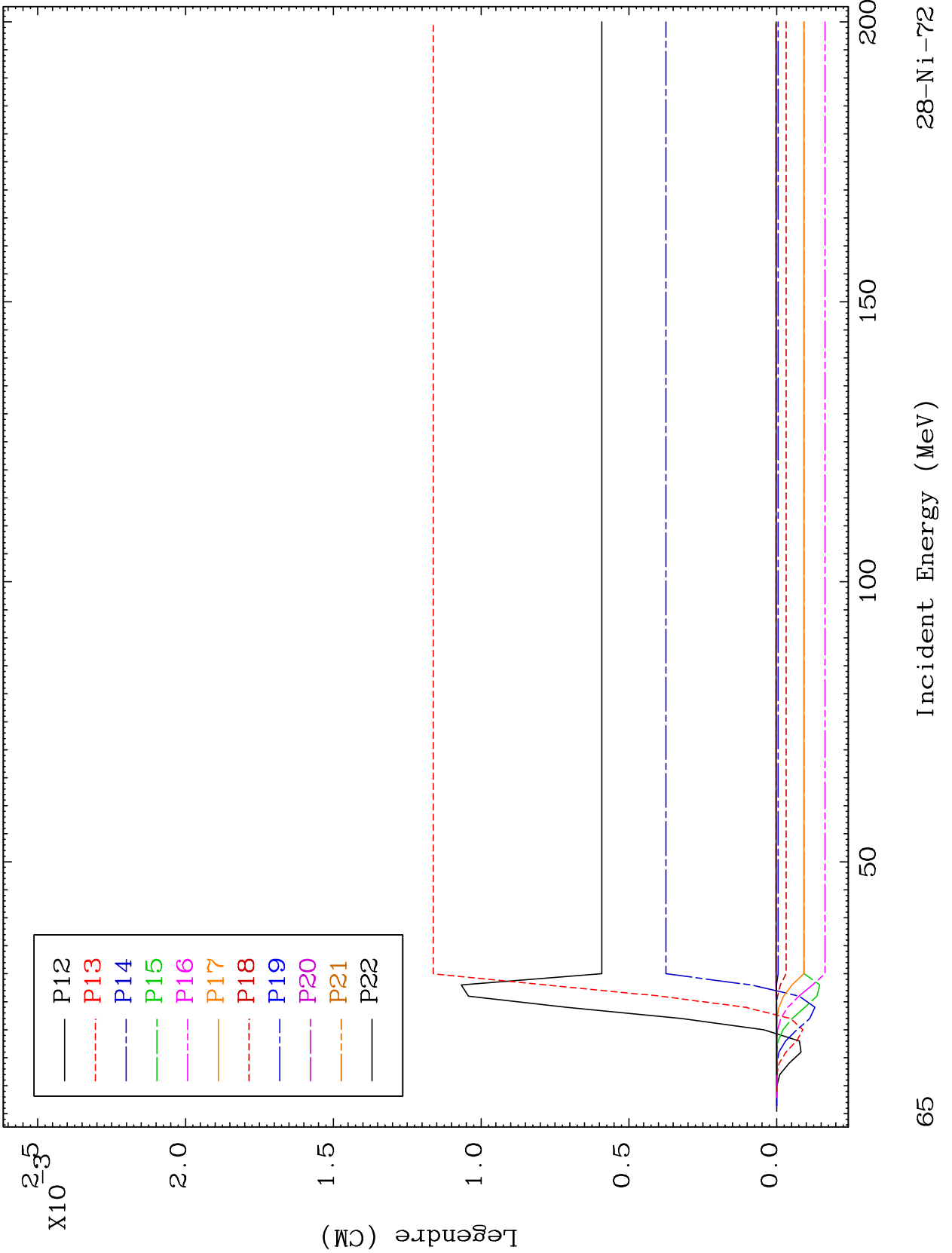
Incident Energy (MeV)

28-Ni-72

MAT 2867

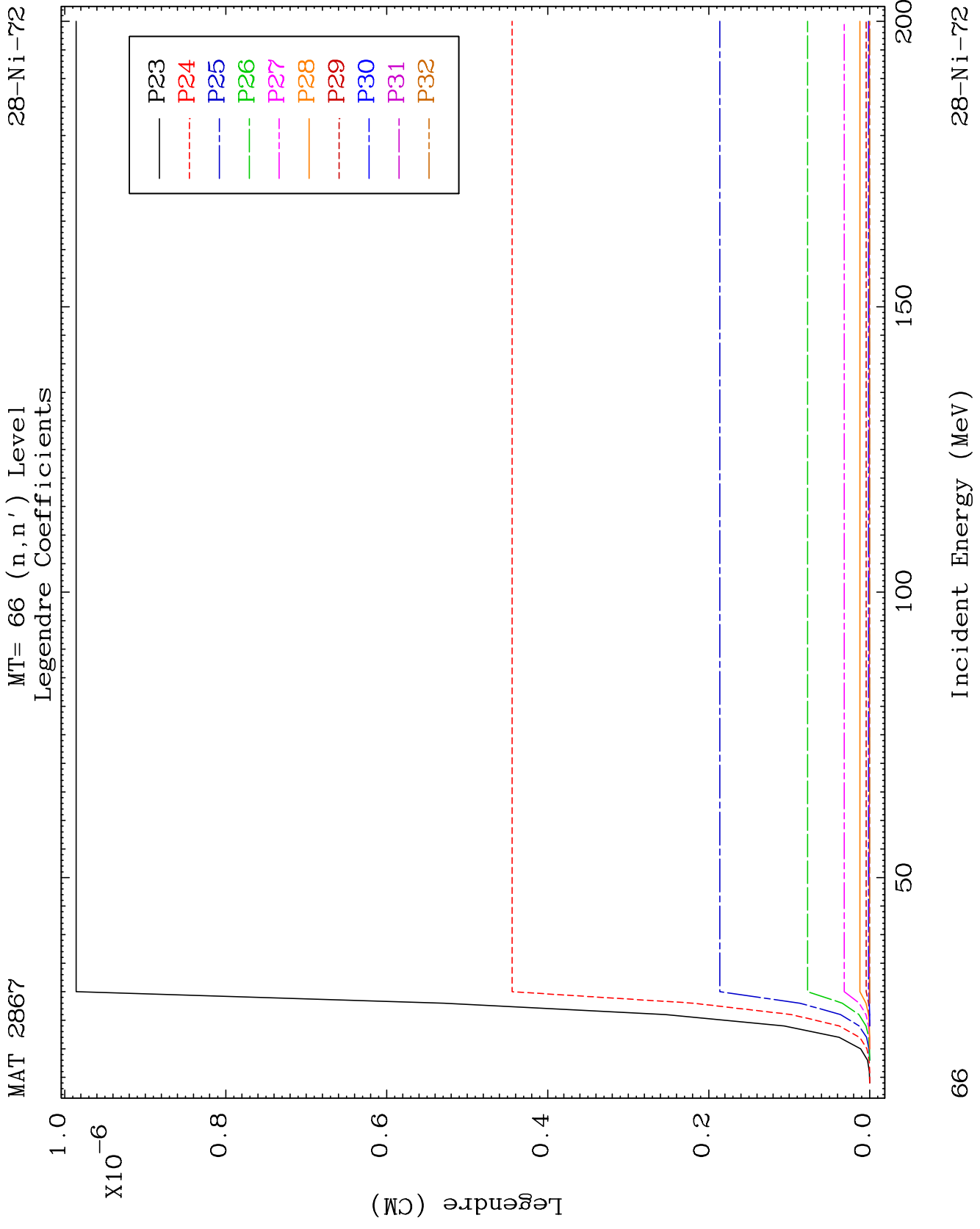
MT= 66 (n,n') Level
Legendre Coefficients

28-Ni-72



65

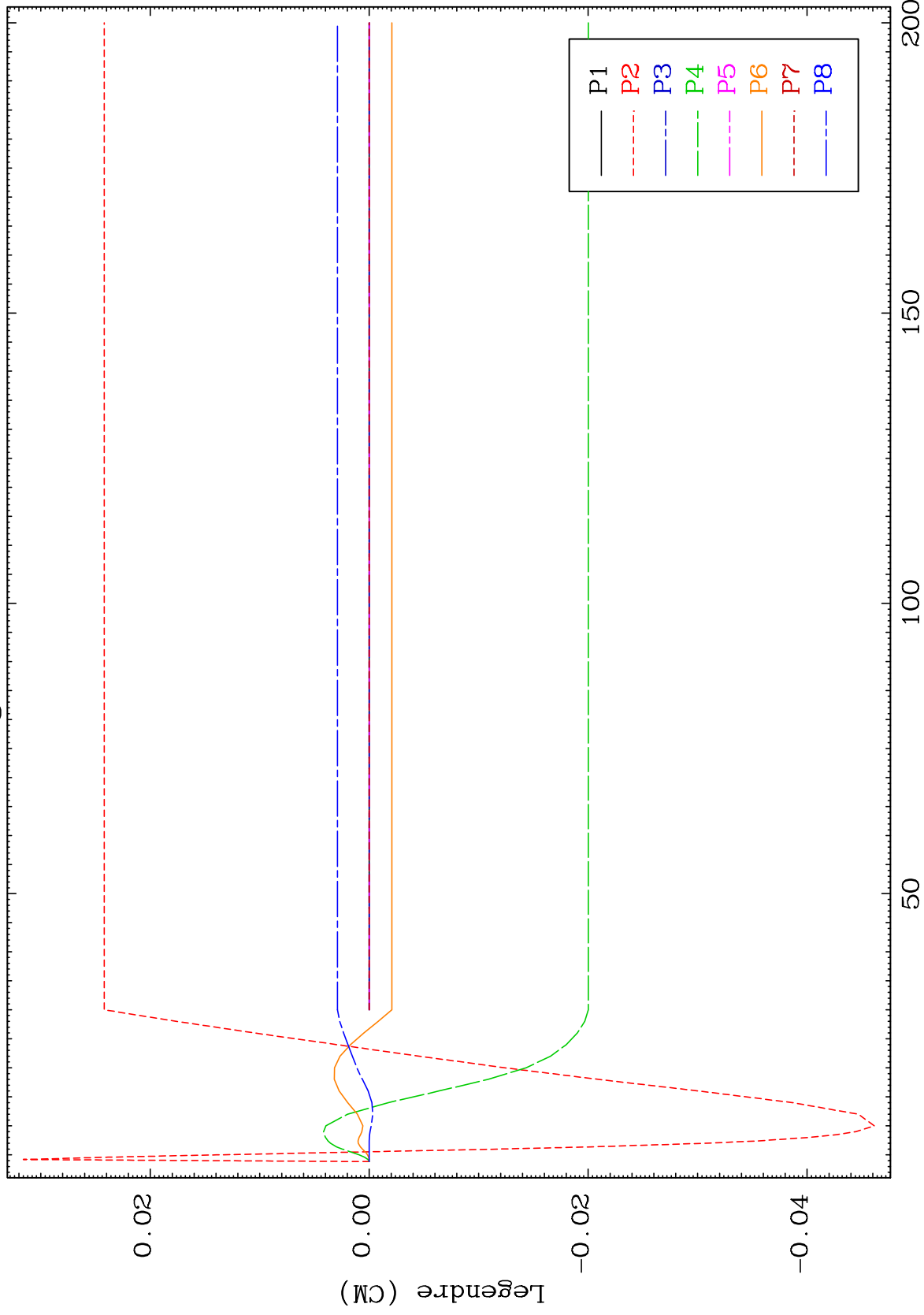
28-Ni-72



MAT 2867

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

28-Ni-72



67

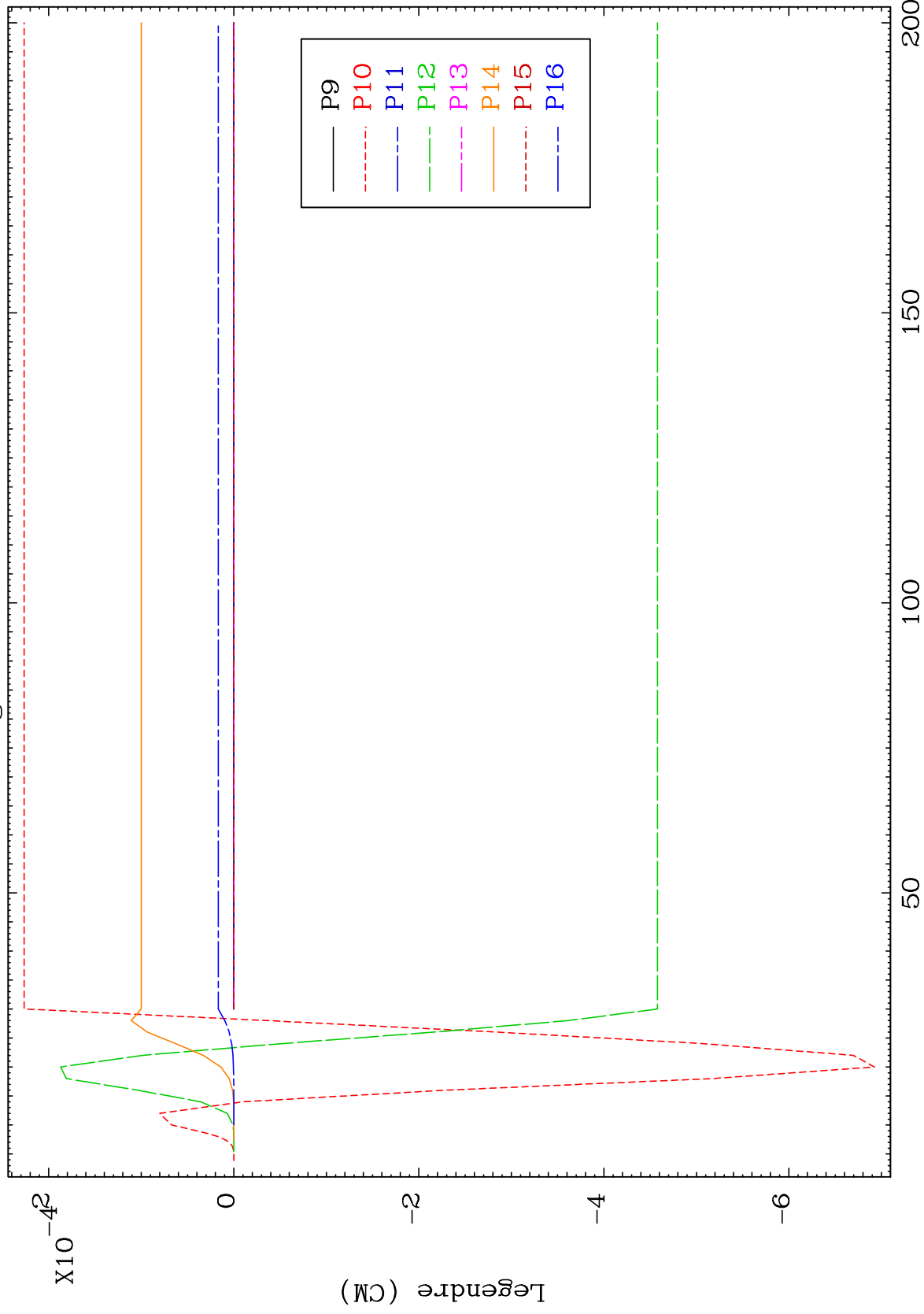
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

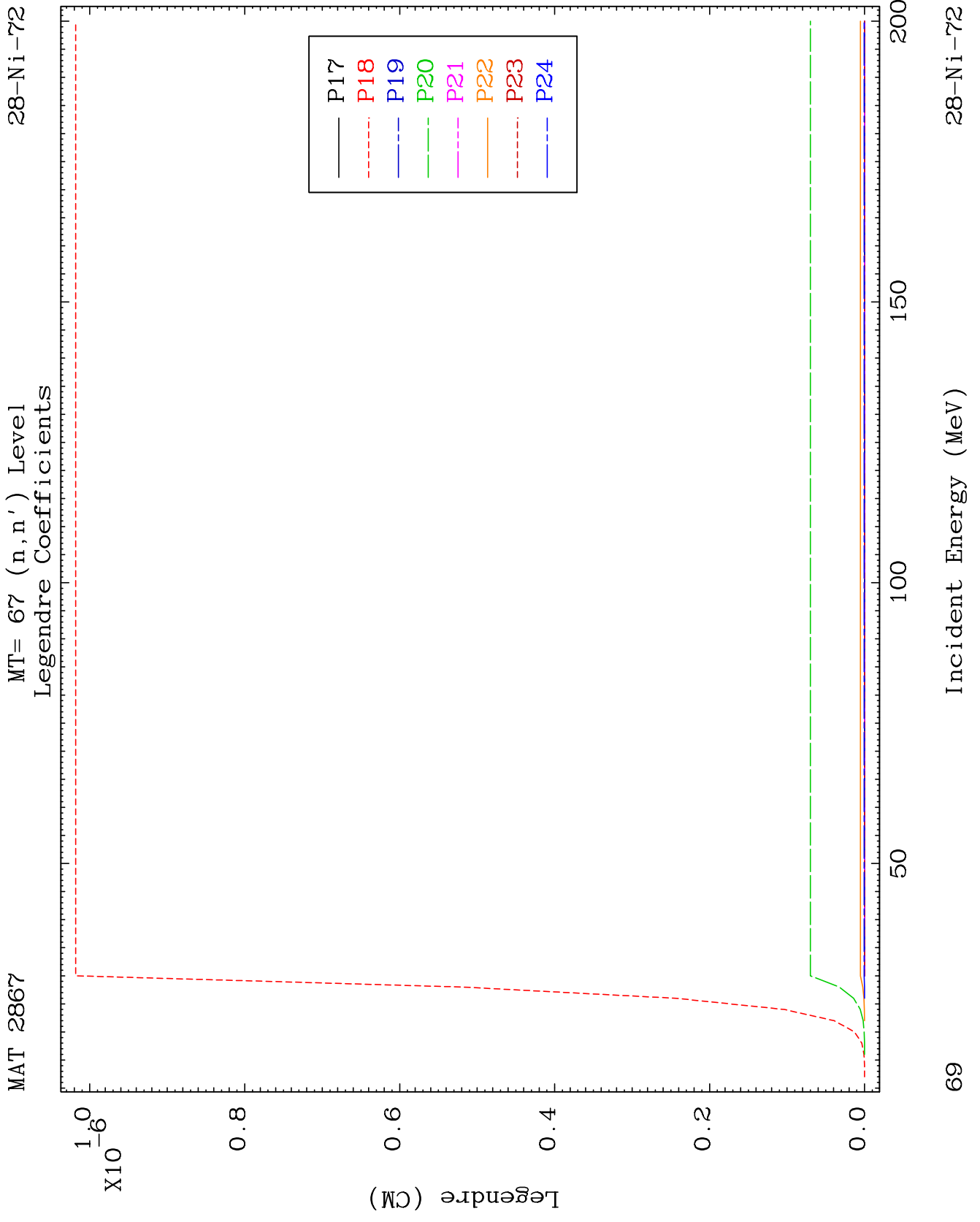
28-Ni-72

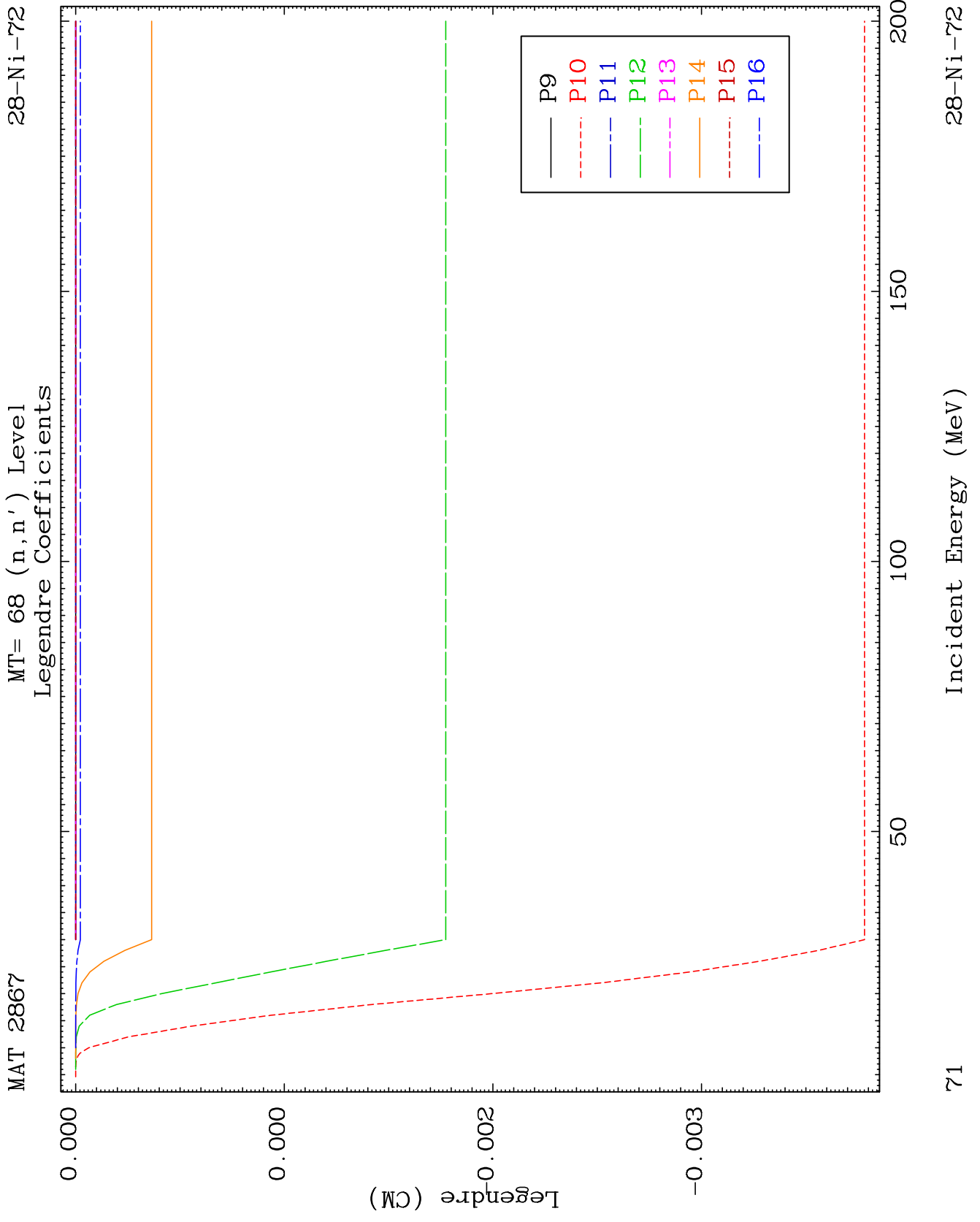


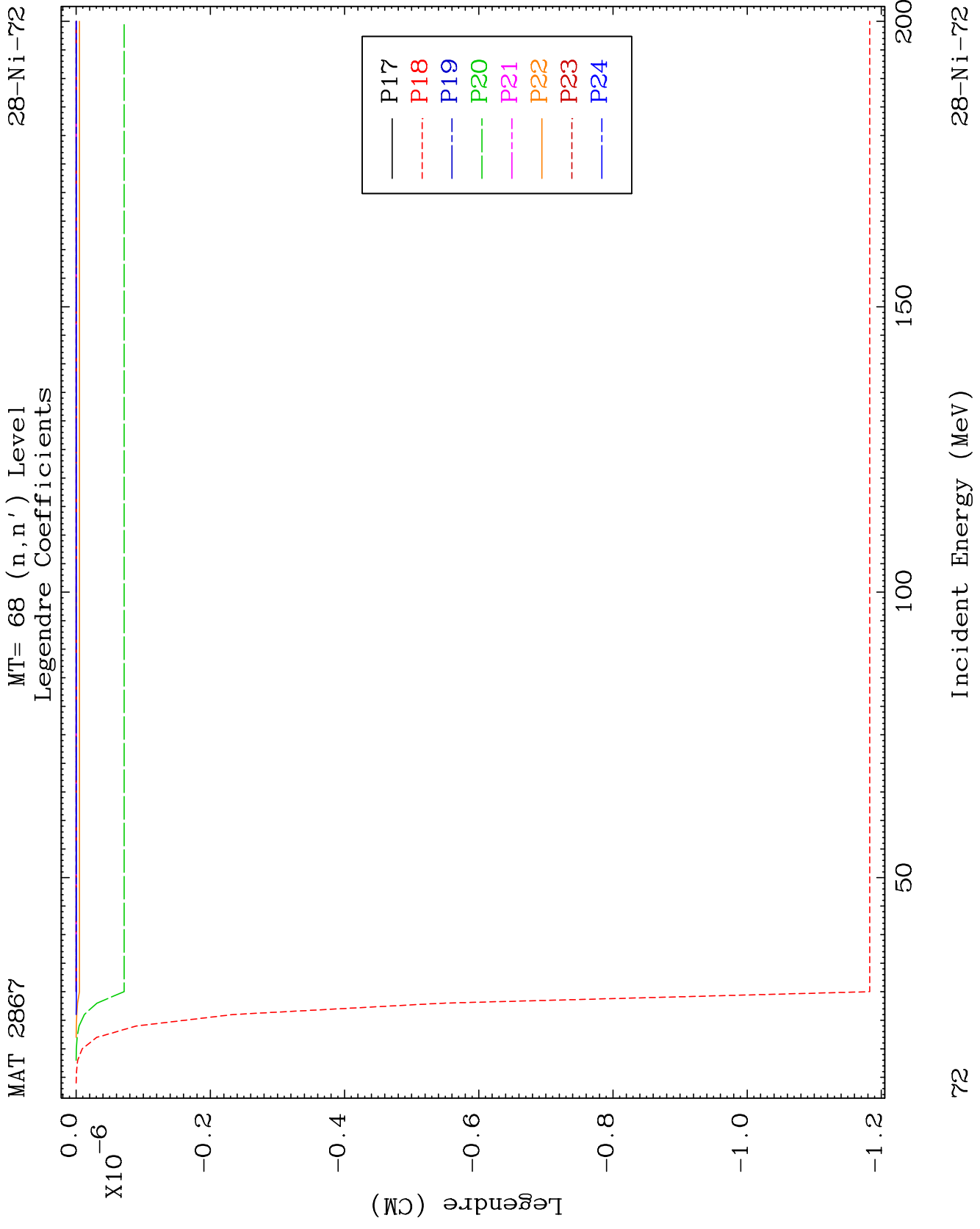
68

Incident Energy (MeV)

28-Ni-72



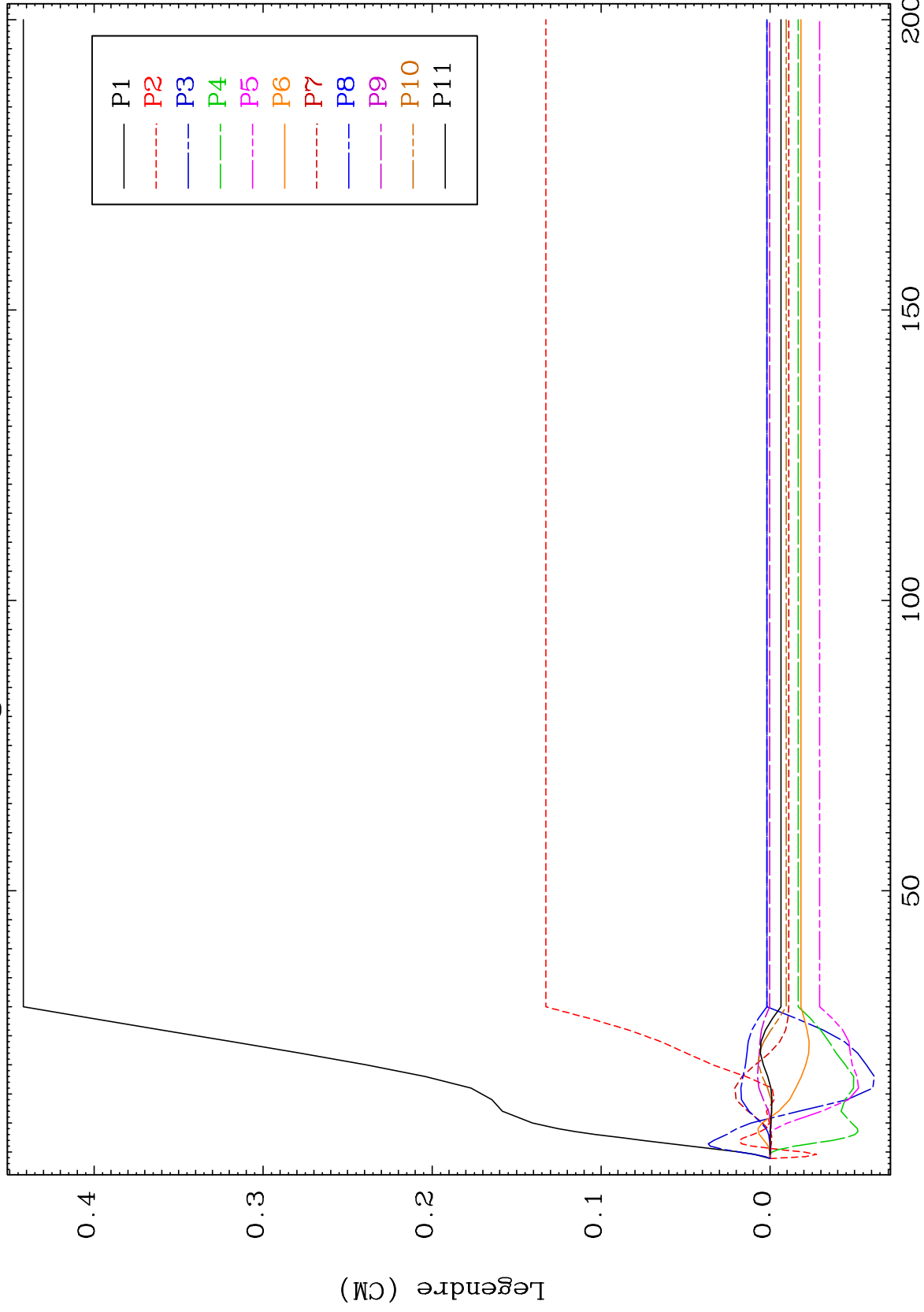




MAT 2867

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

28-Ni-72



73

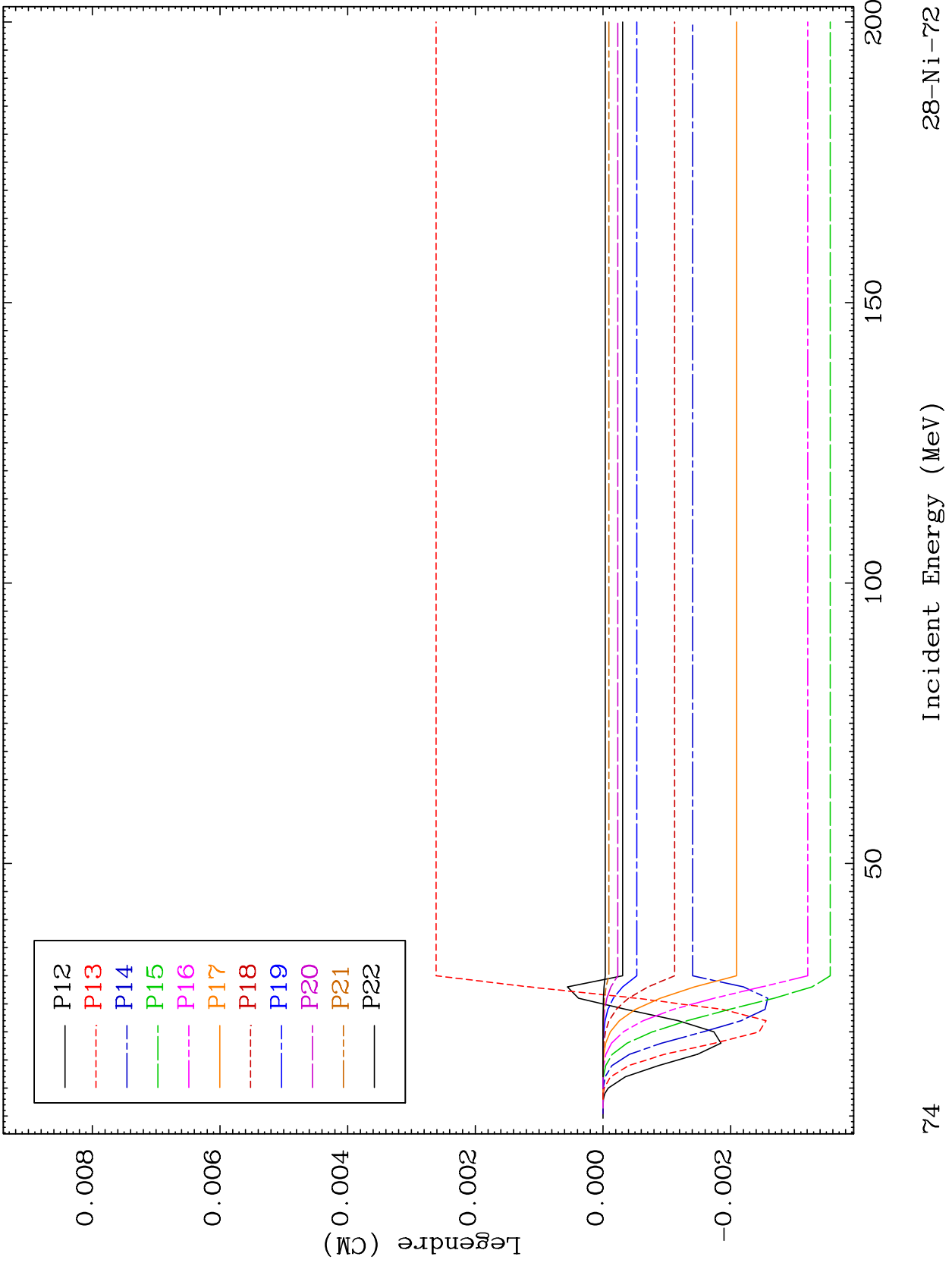
Incident Energy (MeV)

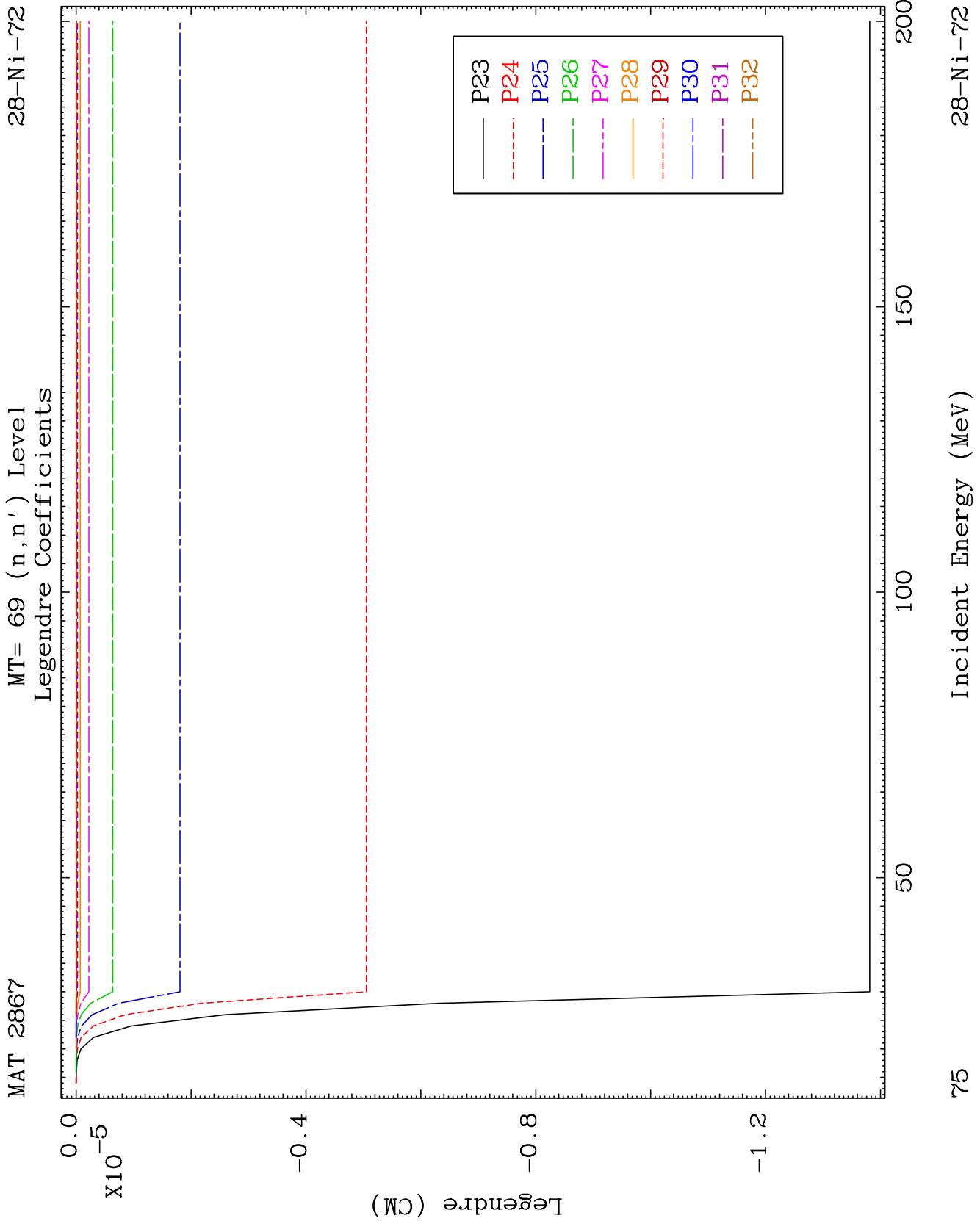
28-Ni-72

MAT 2867

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

28-Ni-72

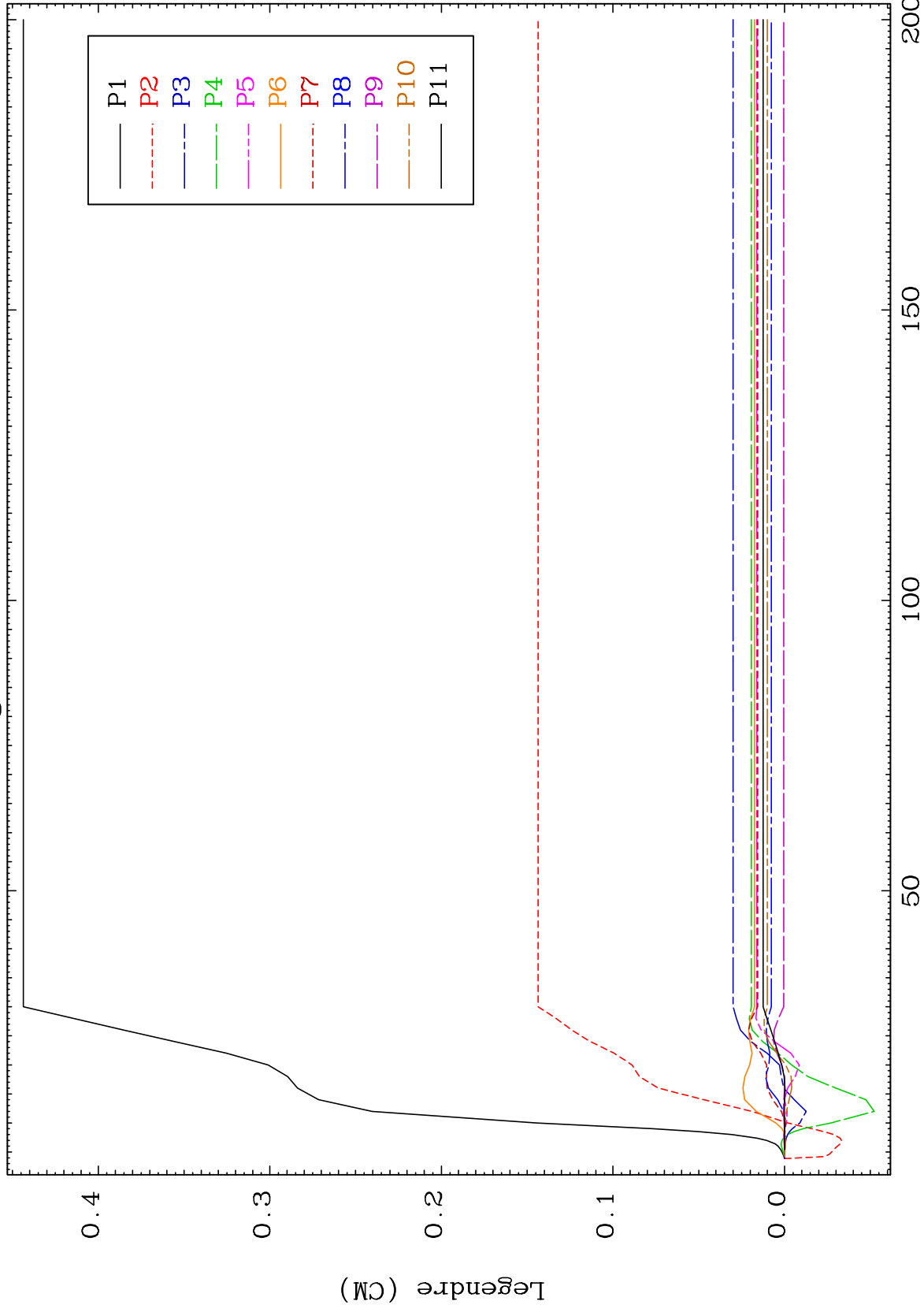




MAT 2867

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

28-Ni-72



76

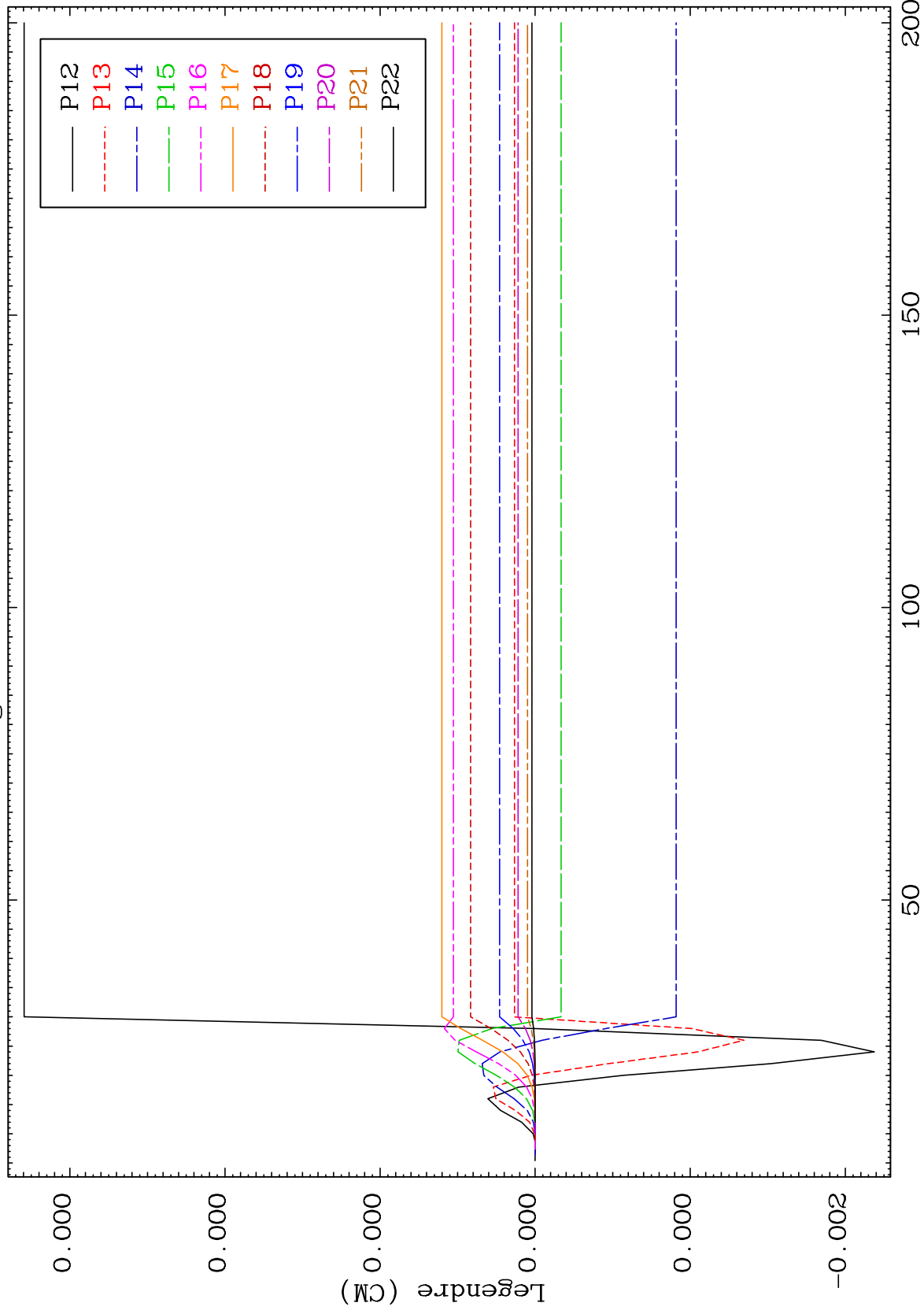
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



77

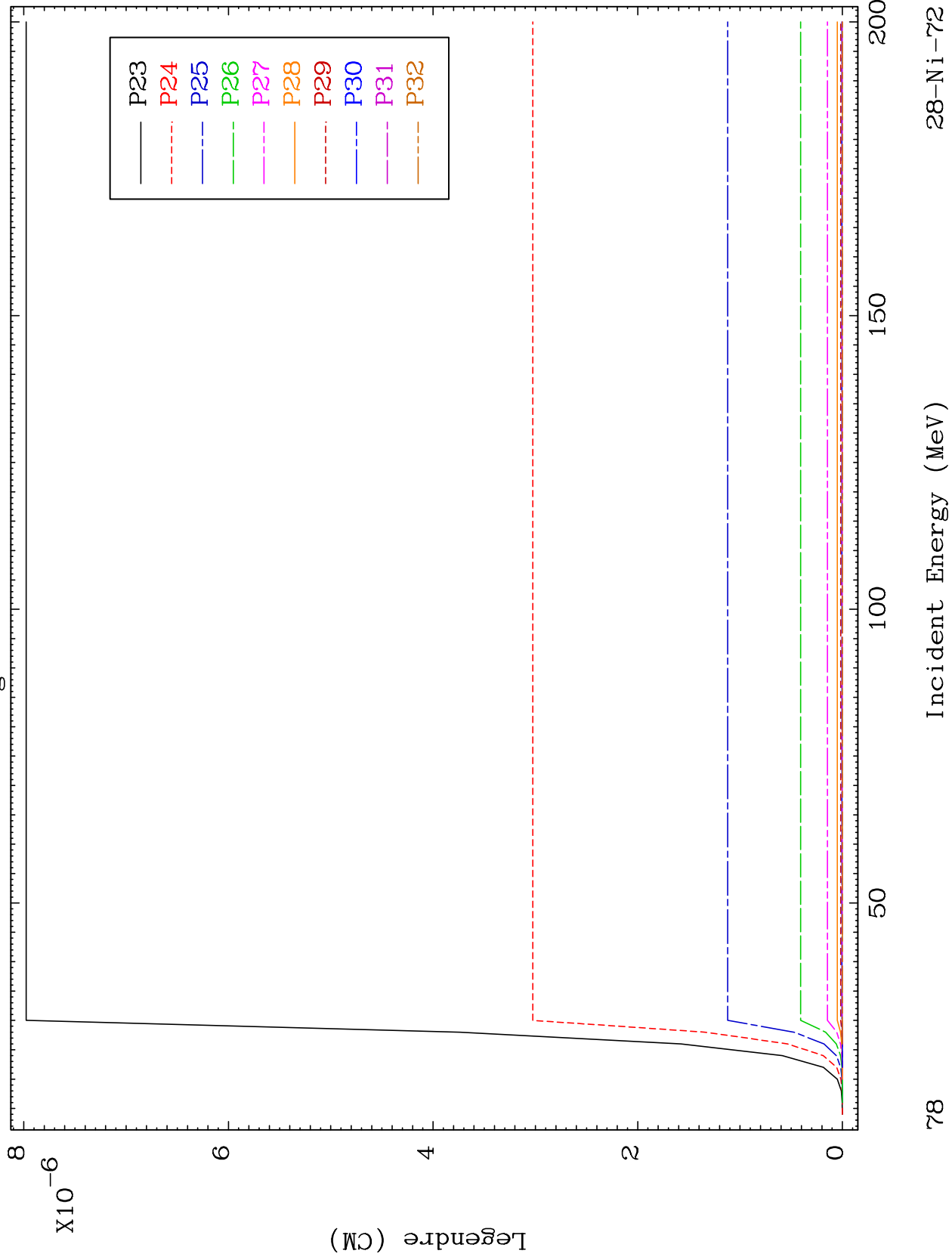
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

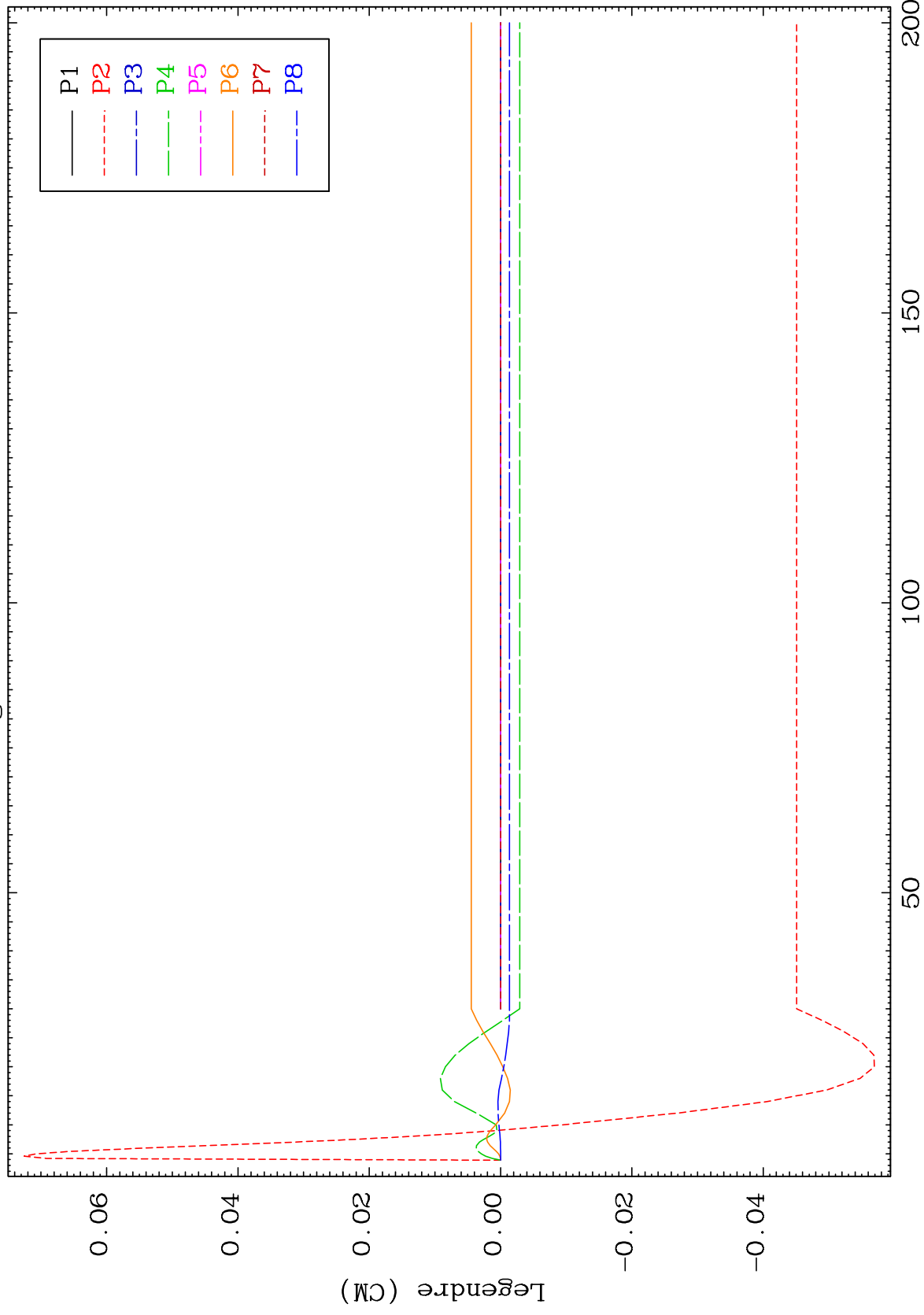
28-Ni-72



MAT 2867

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

28-Ni-72



79

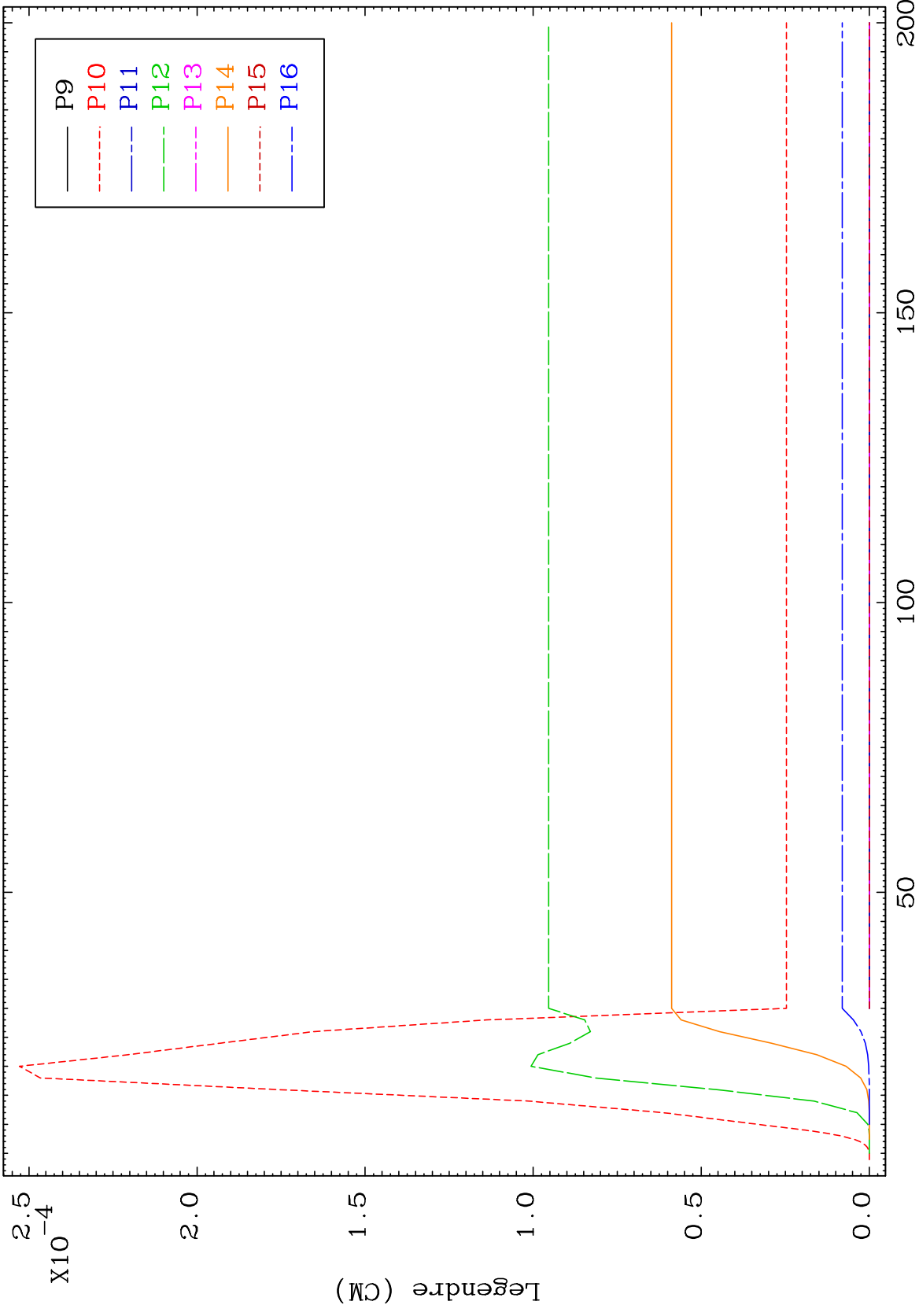
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

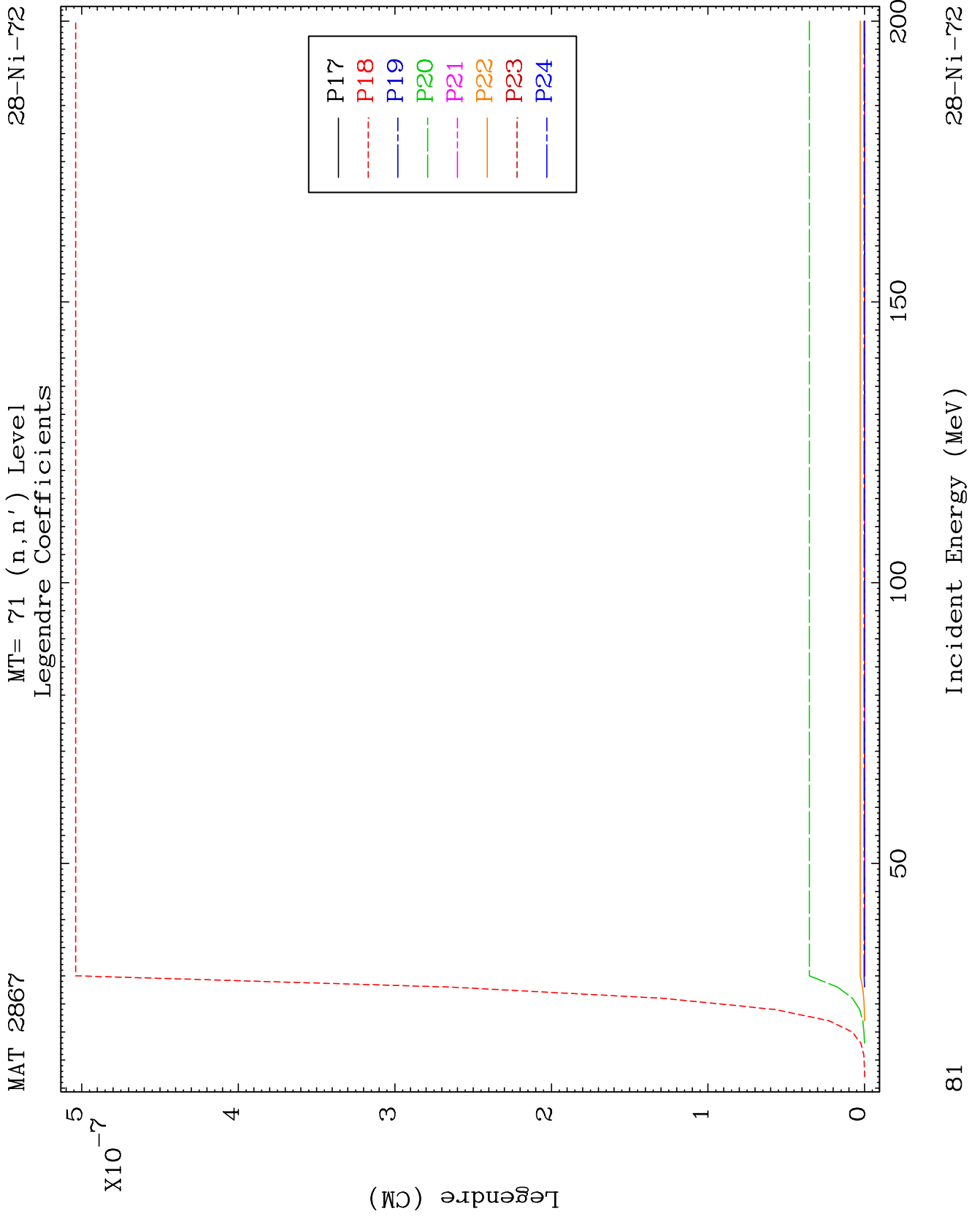
28-Ni-72



80

Incident Energy (MeV)

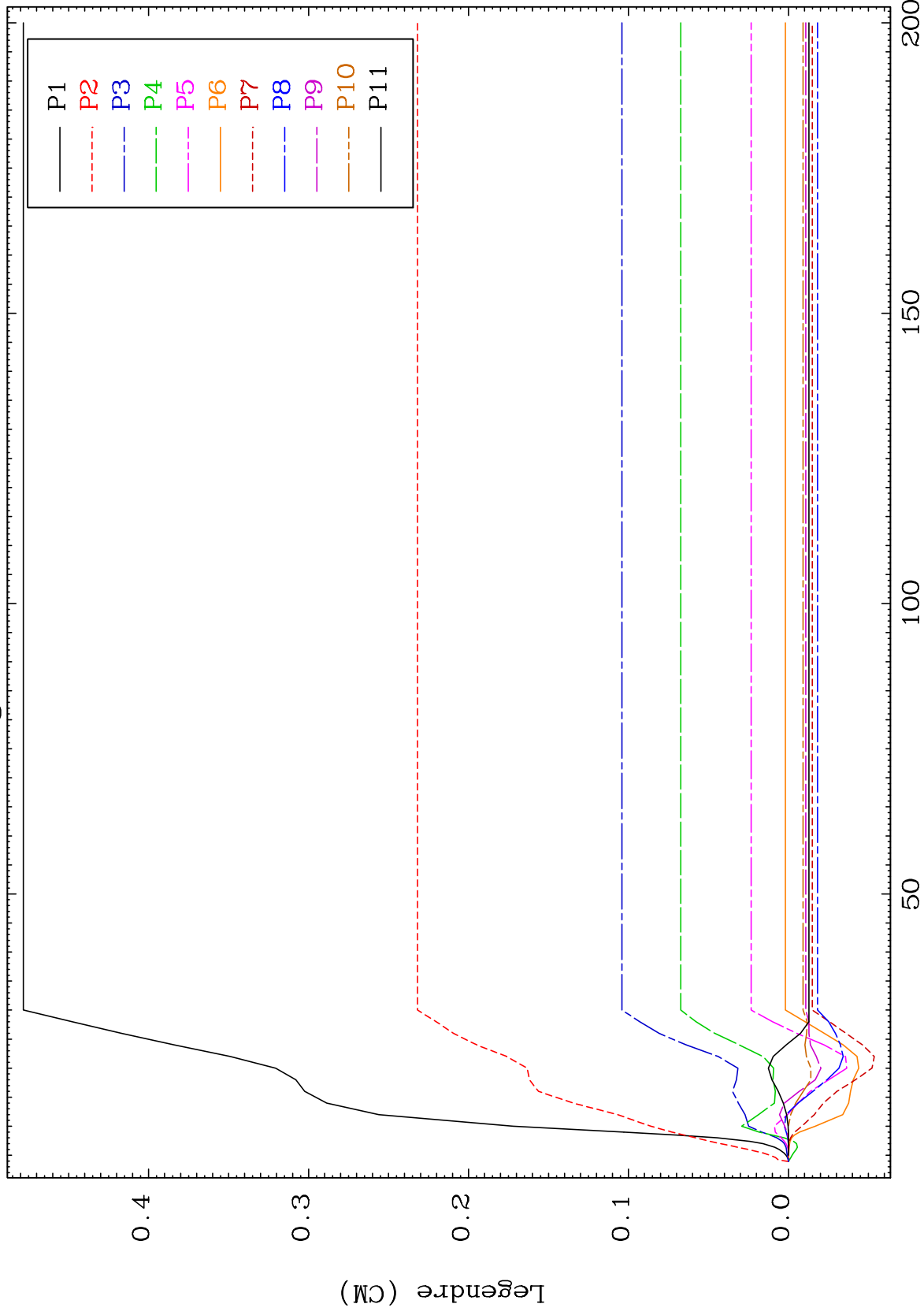
28-Ni-72



MAT 2867

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

28-Ni-72



82

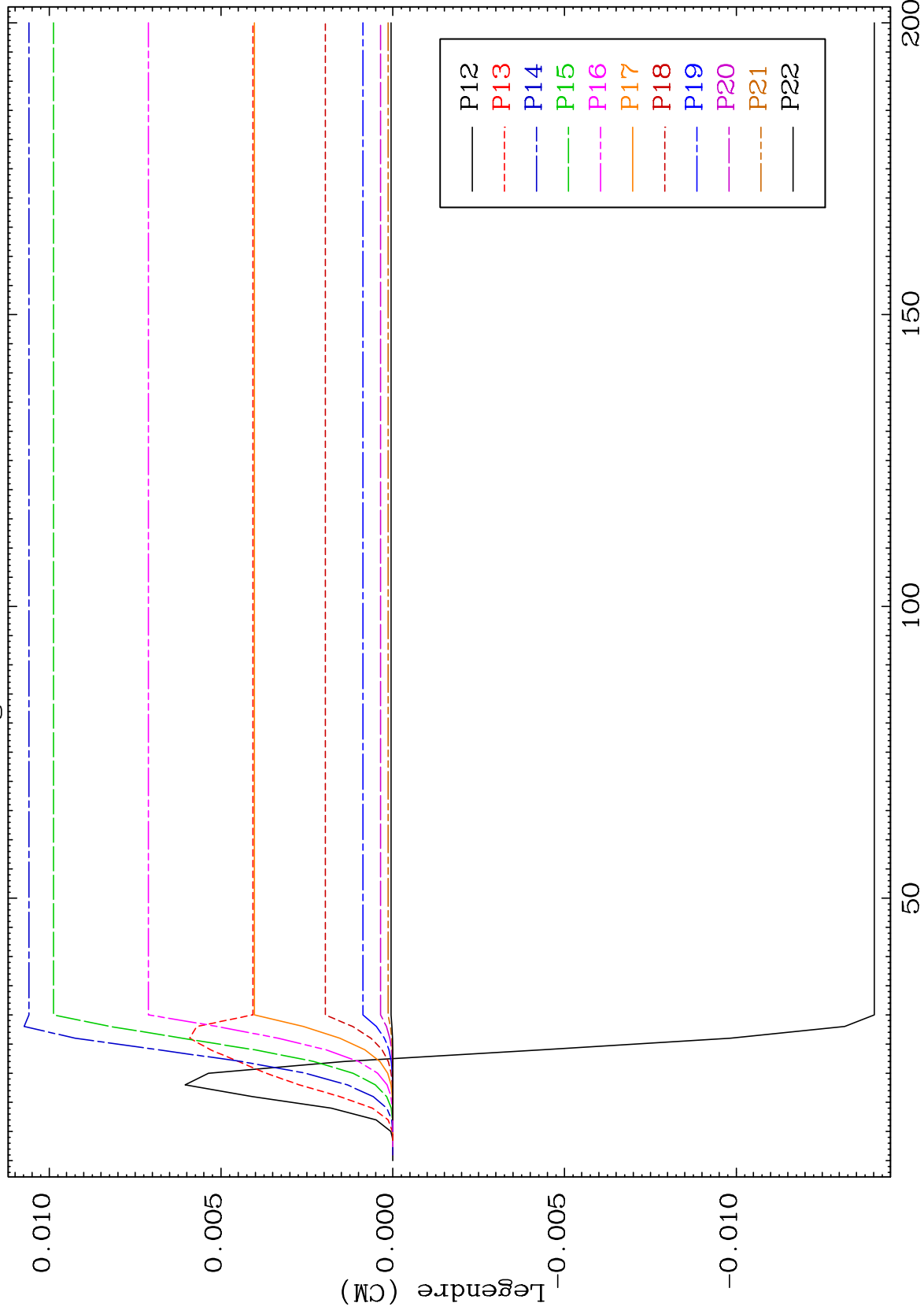
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



83

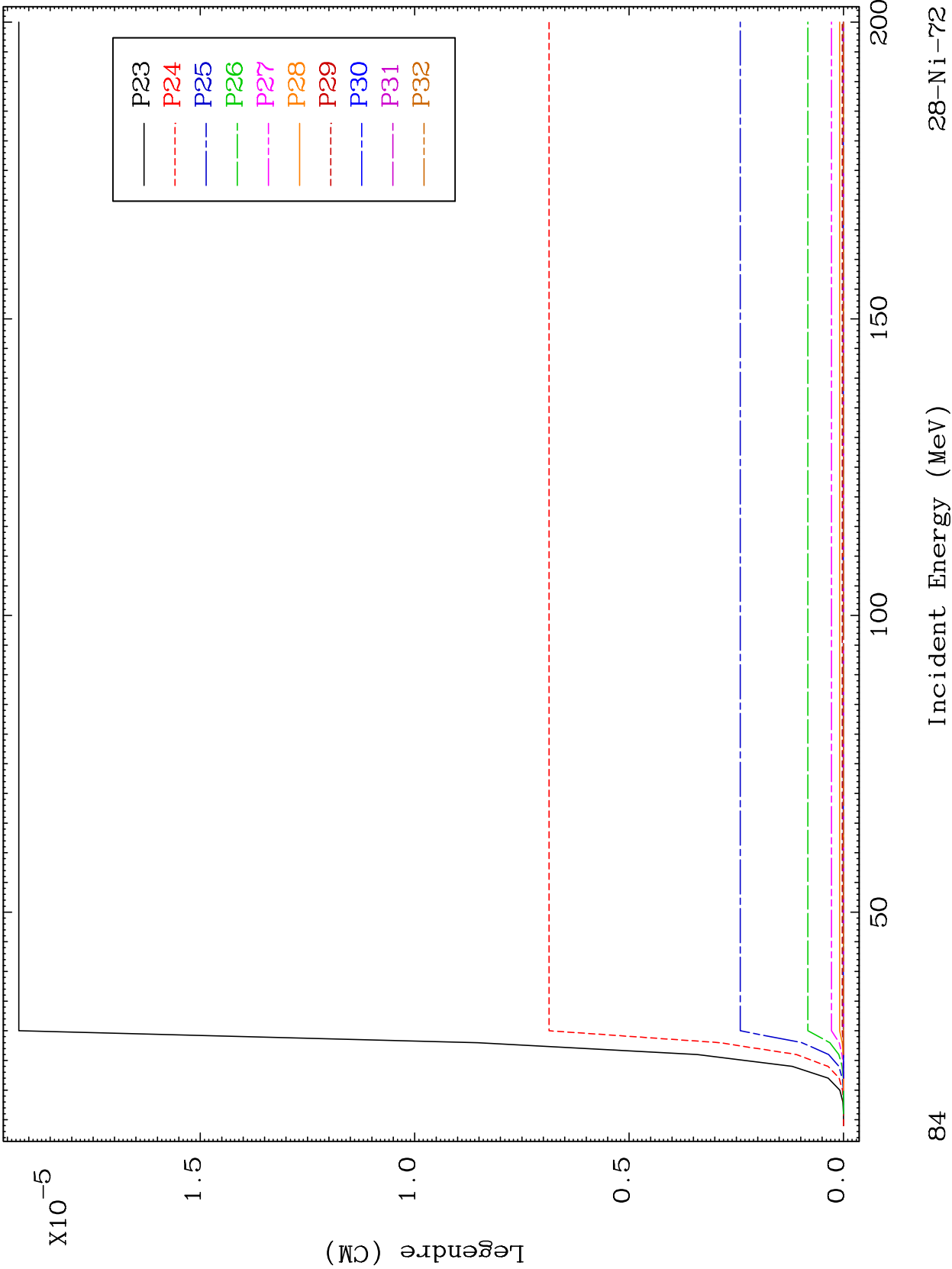
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



84

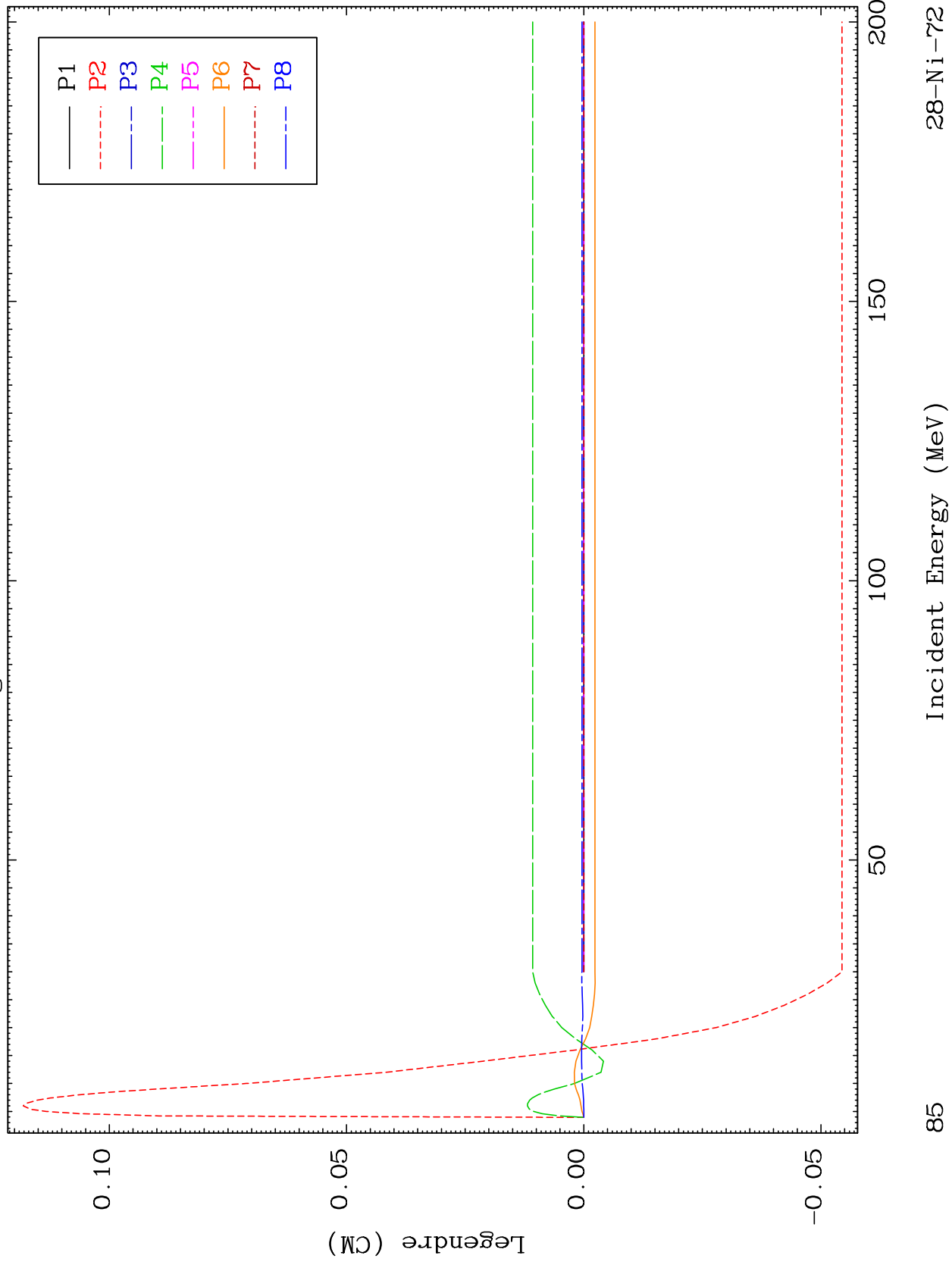
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

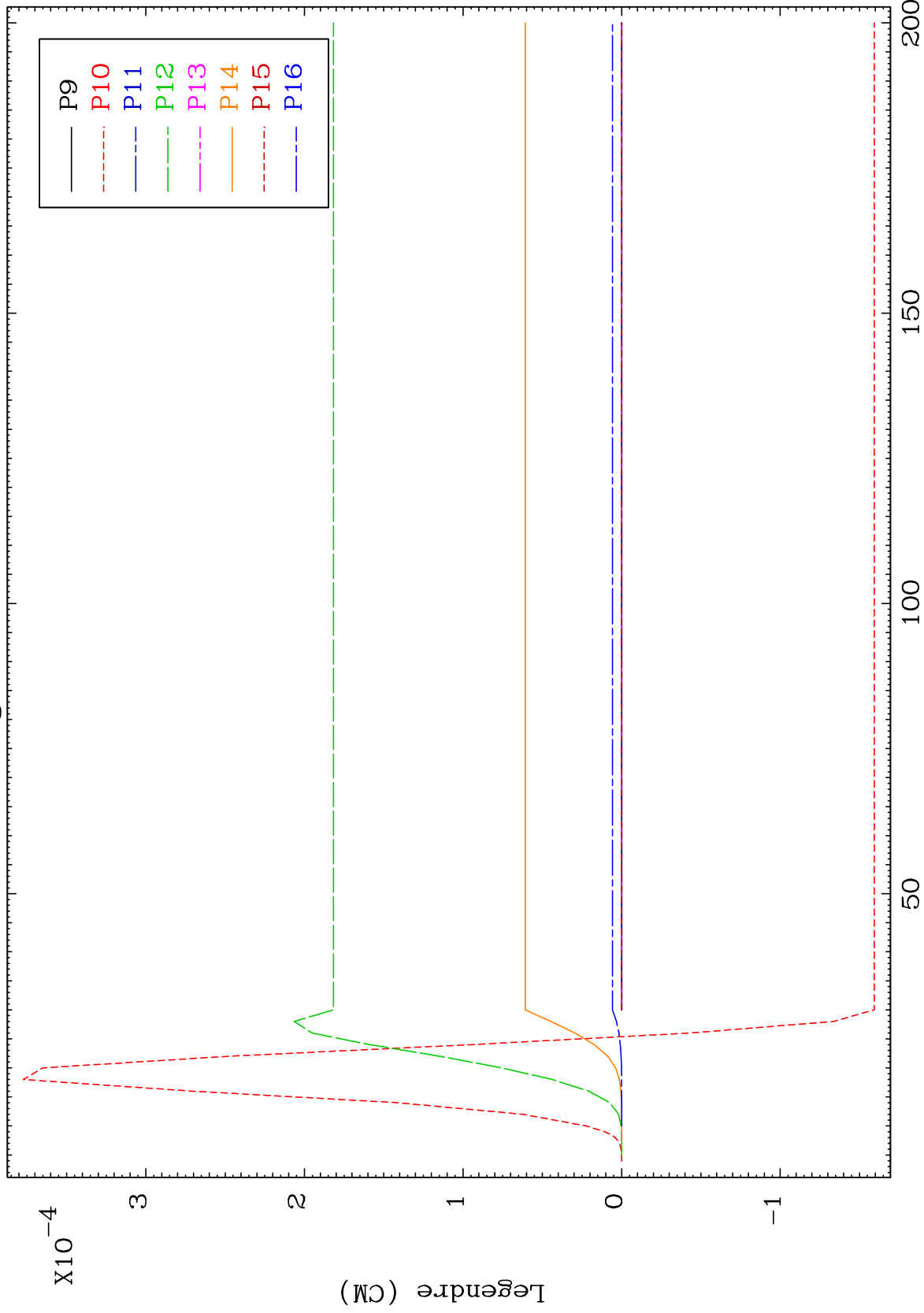
Incident Energy (MeV)

85

MAT 2867

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

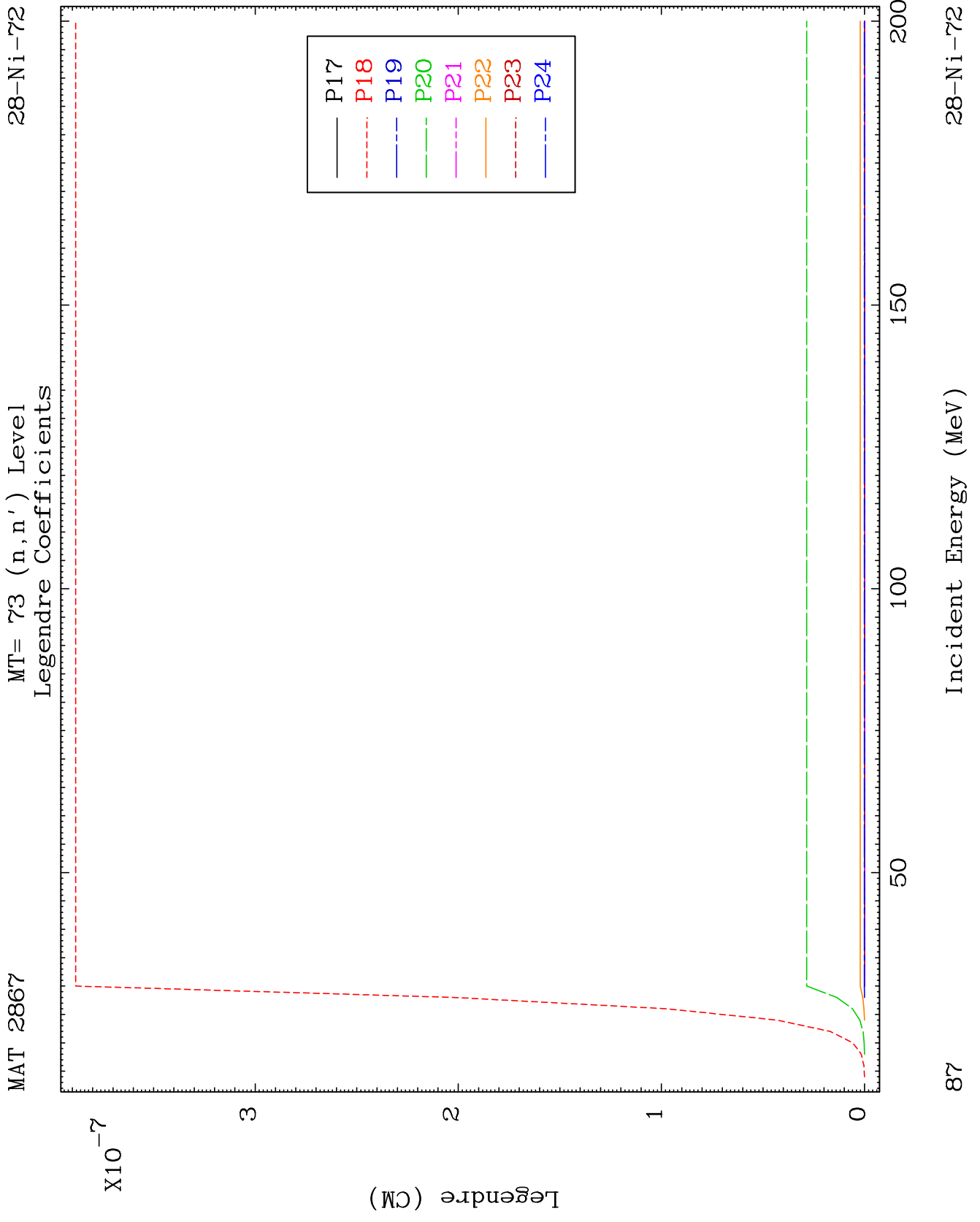
28-Ni-72



86

Incident Energy (MeV)

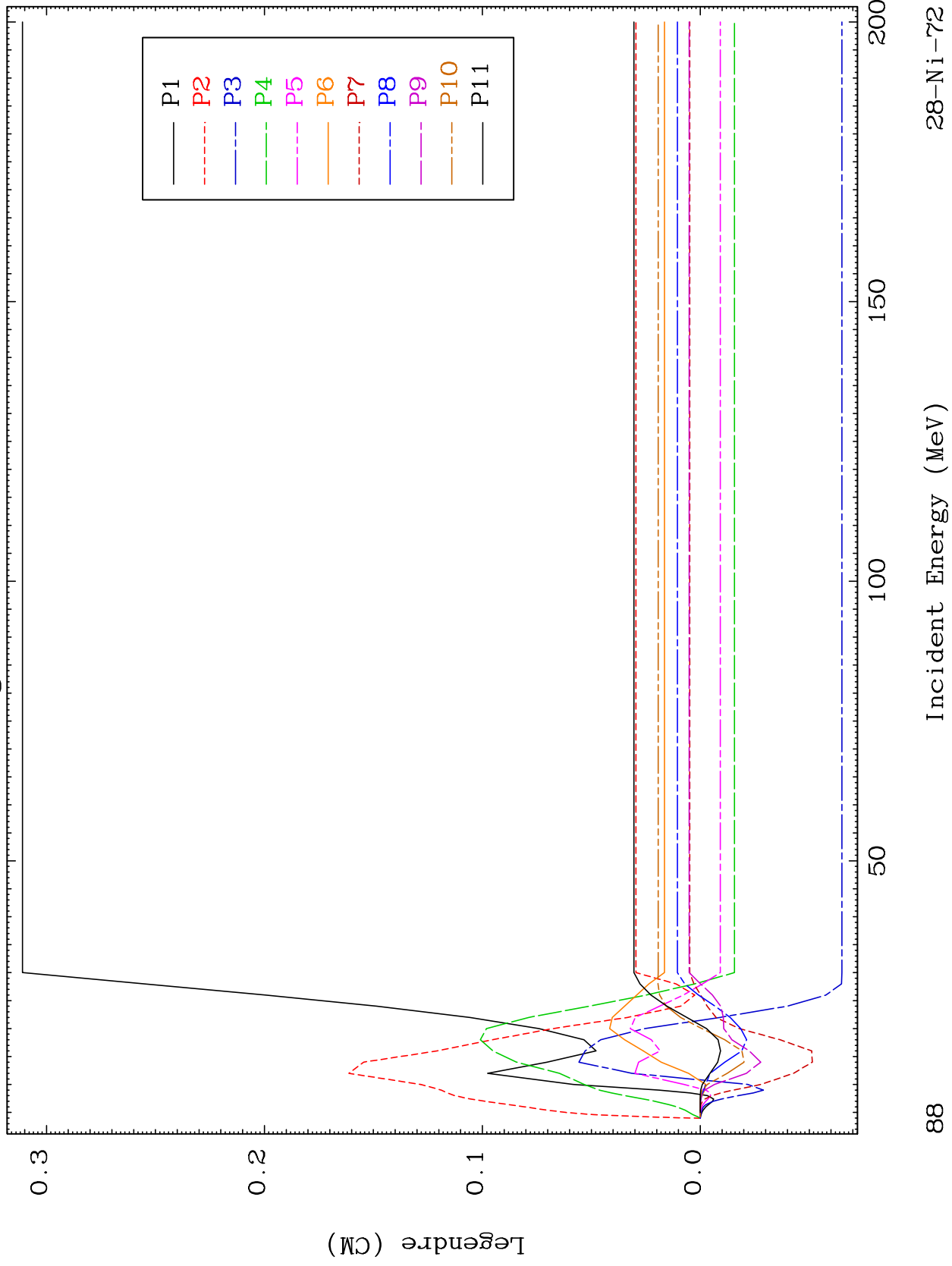
28-Ni-72



MAT 2867

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

28-Ni-72



88

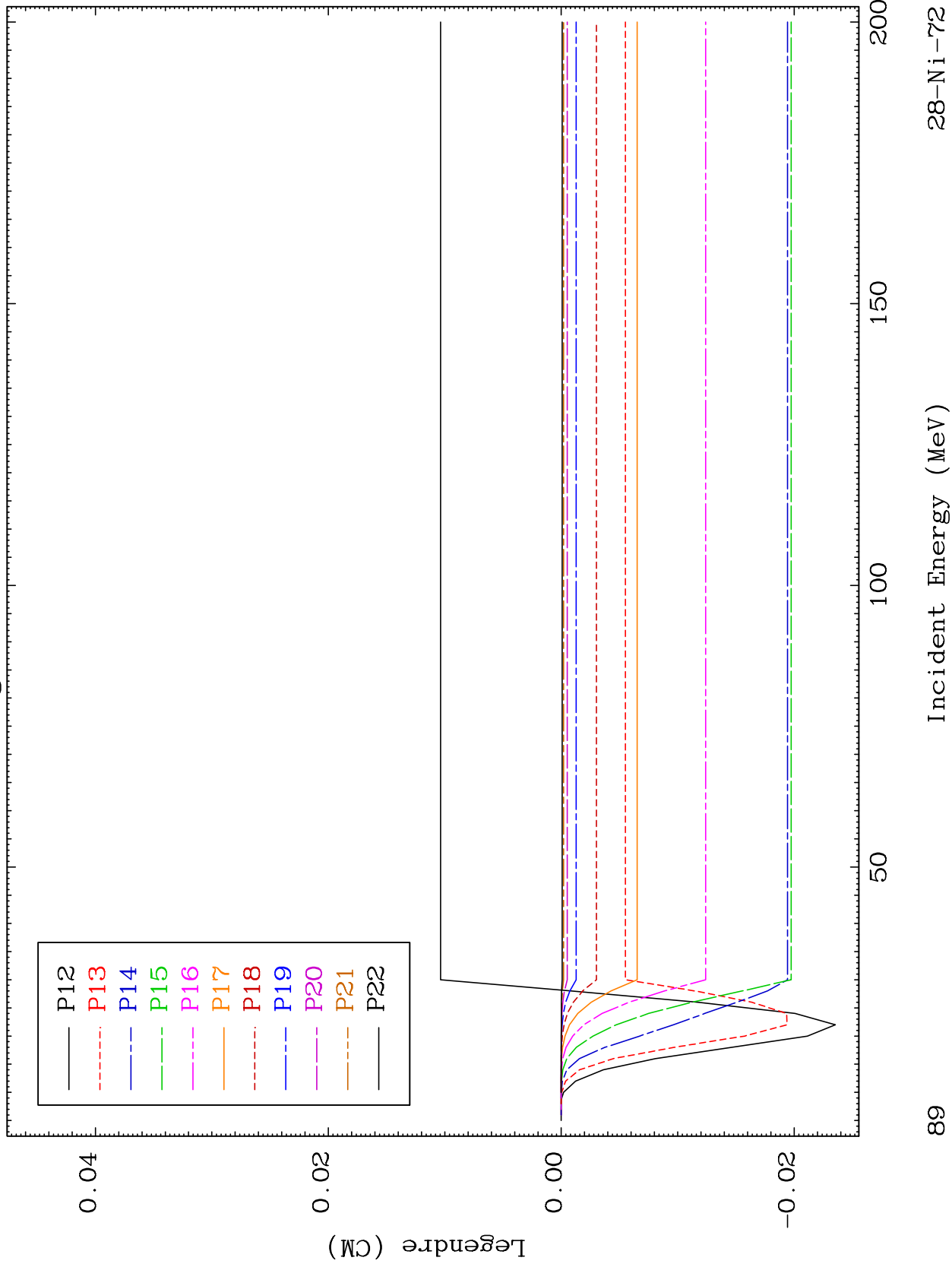
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

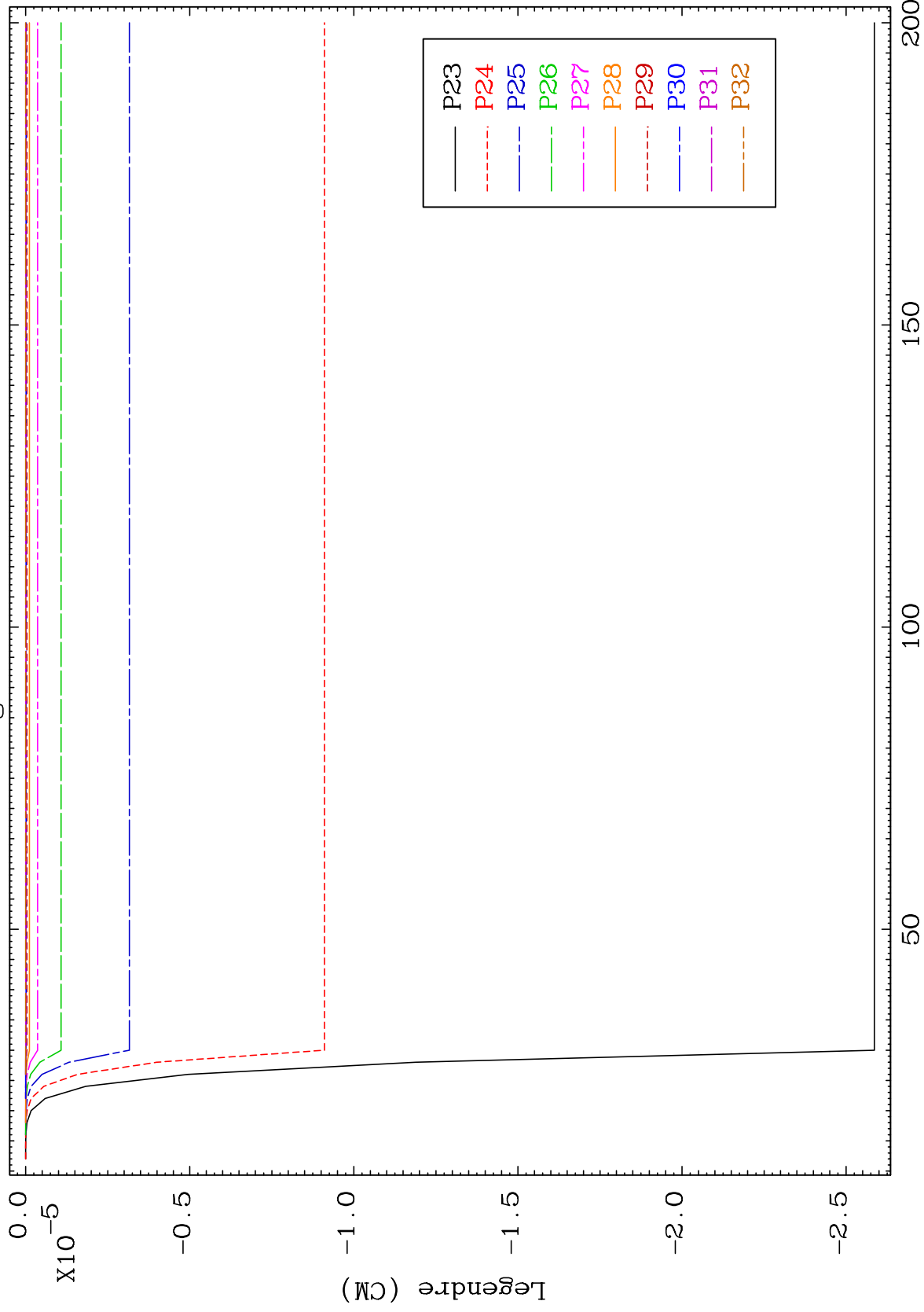
28-Ni-72



MAT 2867

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

28-Ni-72



90

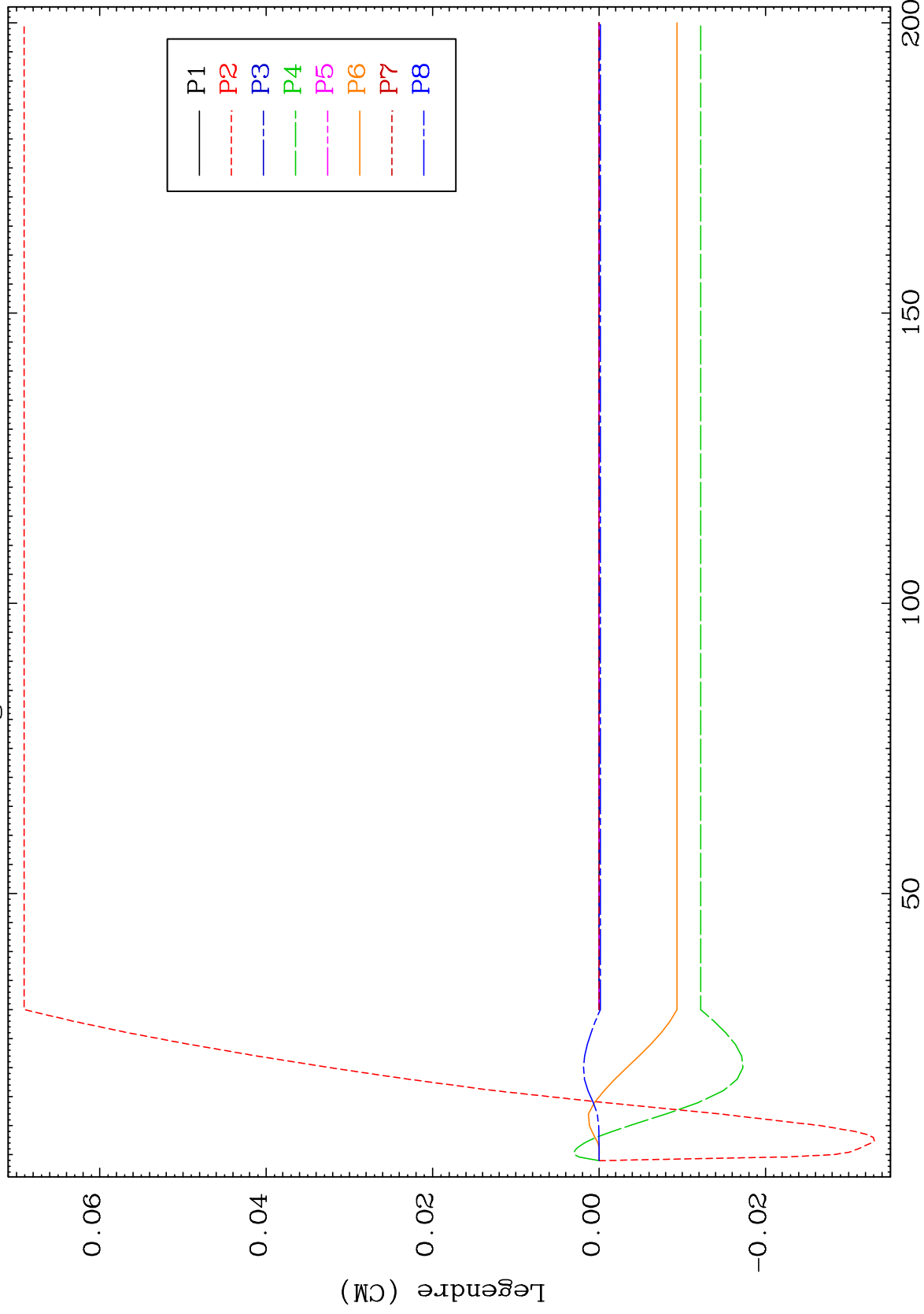
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



91

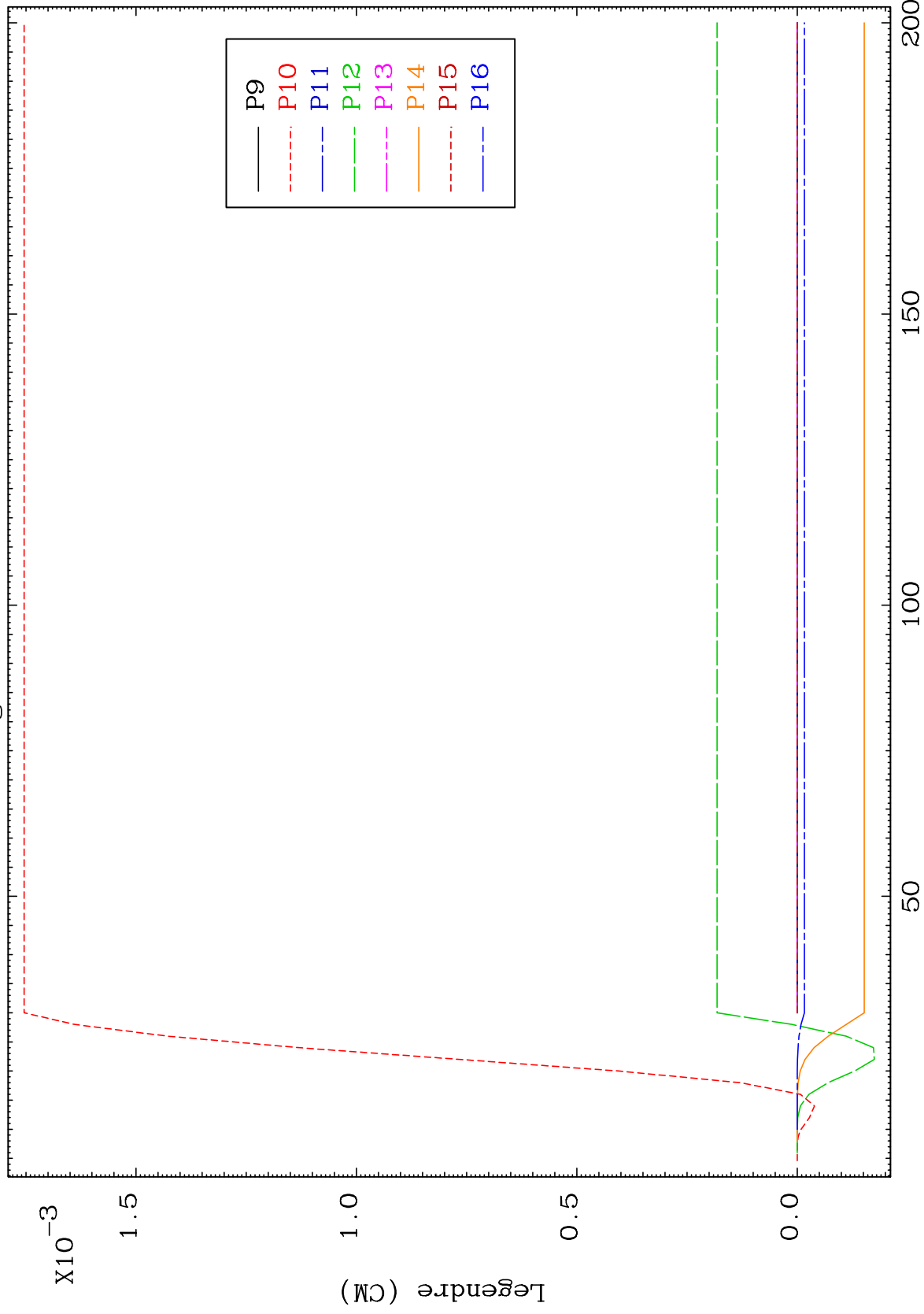
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



92

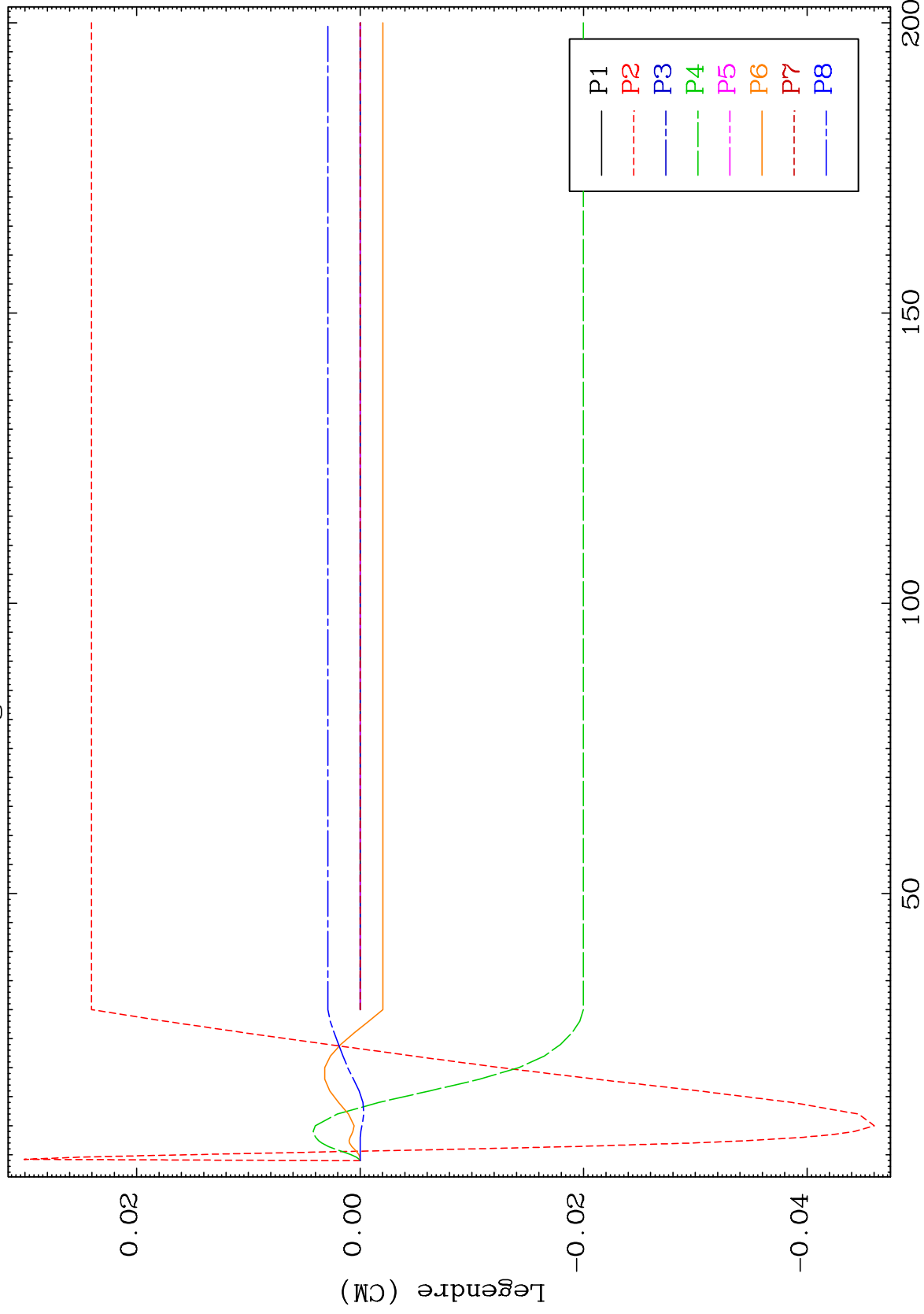
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



94

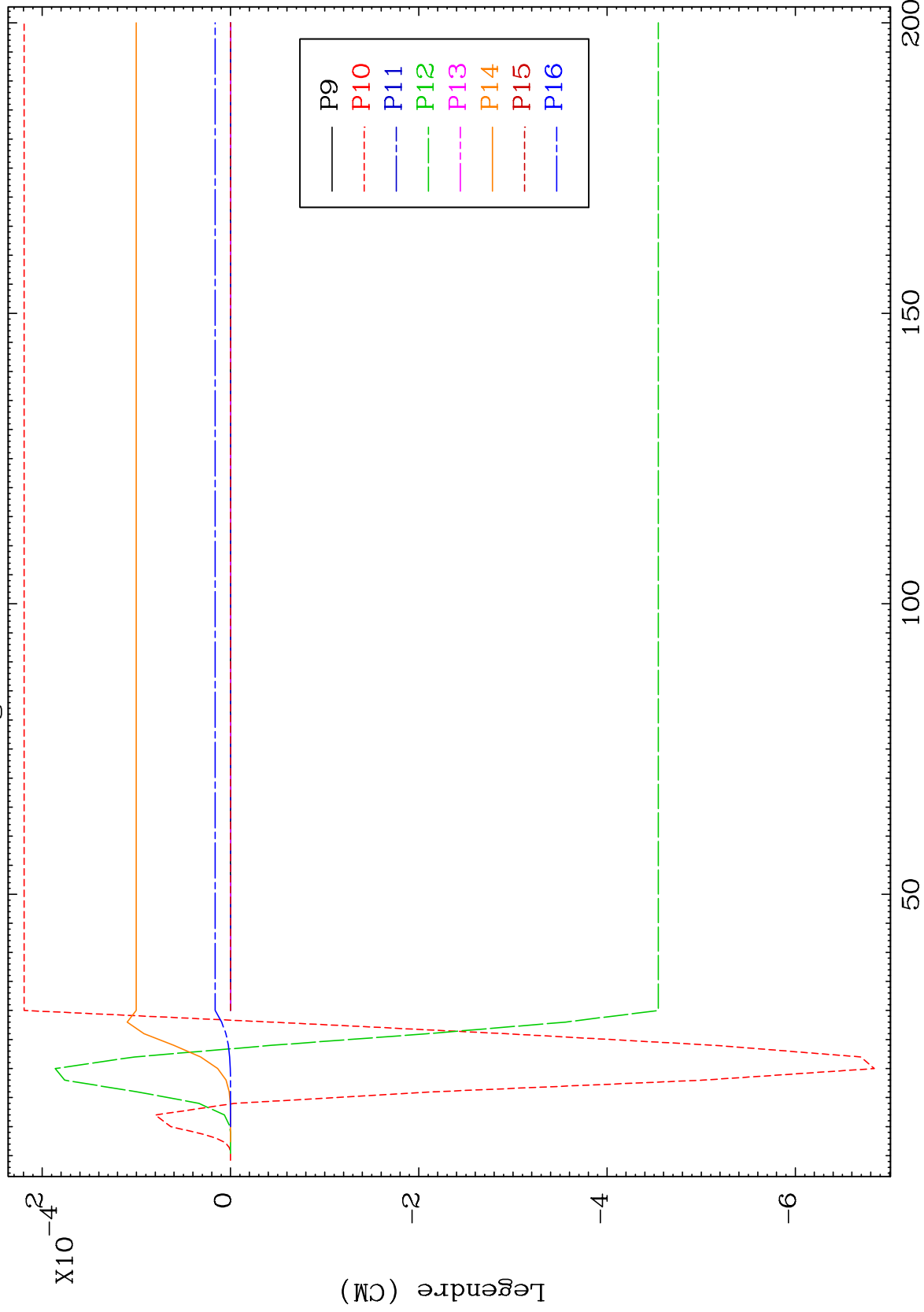
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

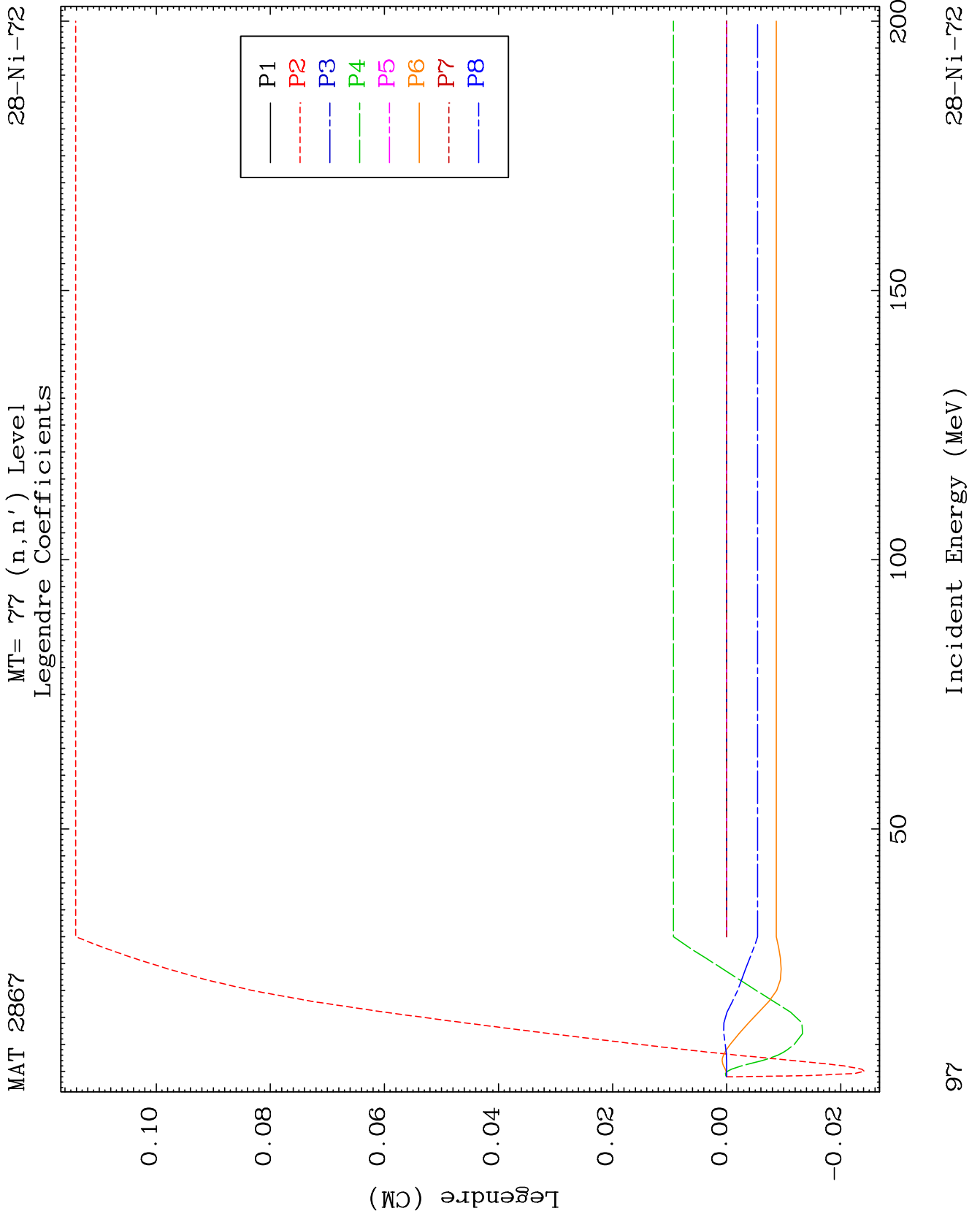
28-Ni-72



95

Incident Energy (MeV)

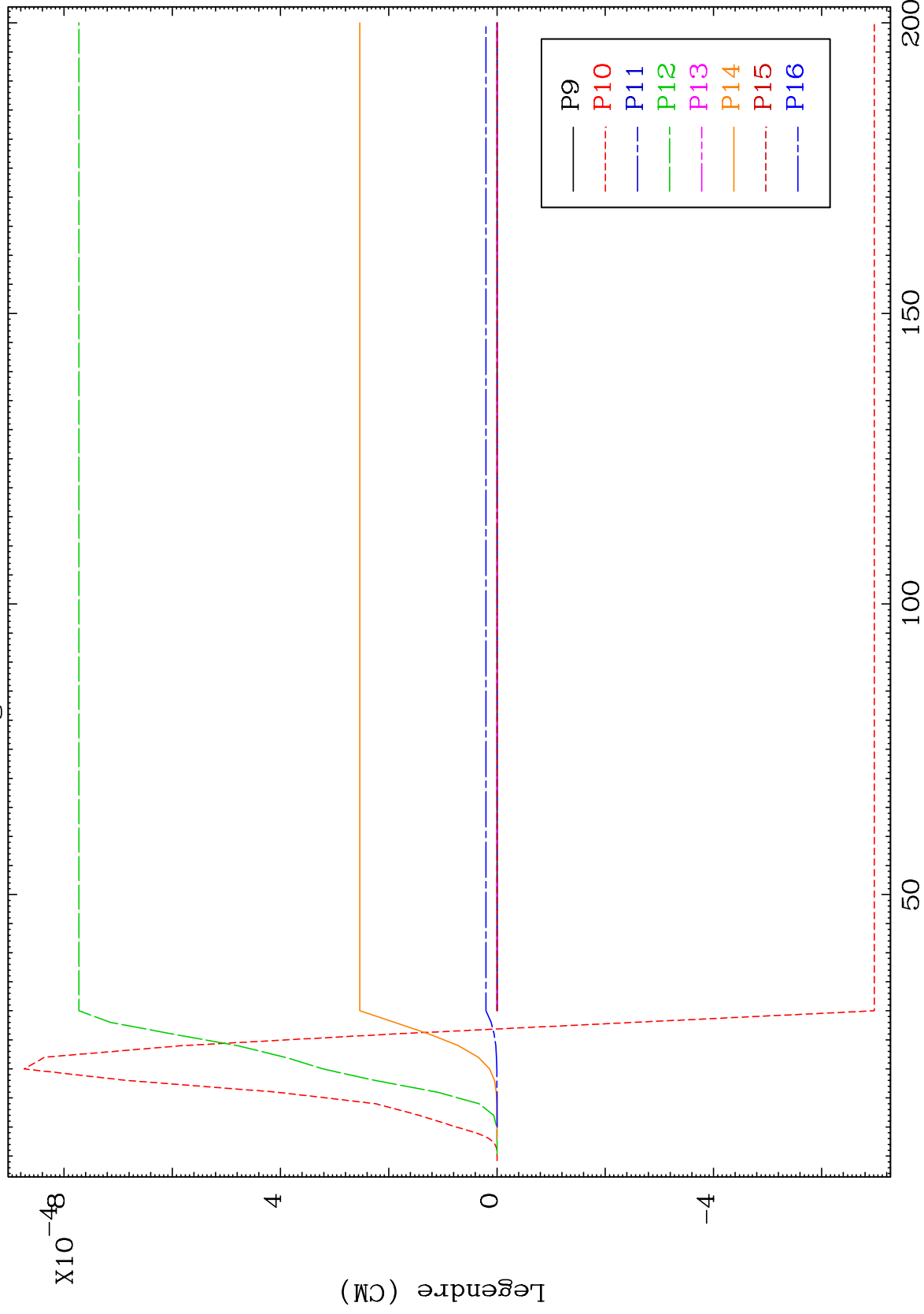
28-Ni-72



MAT 2867

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

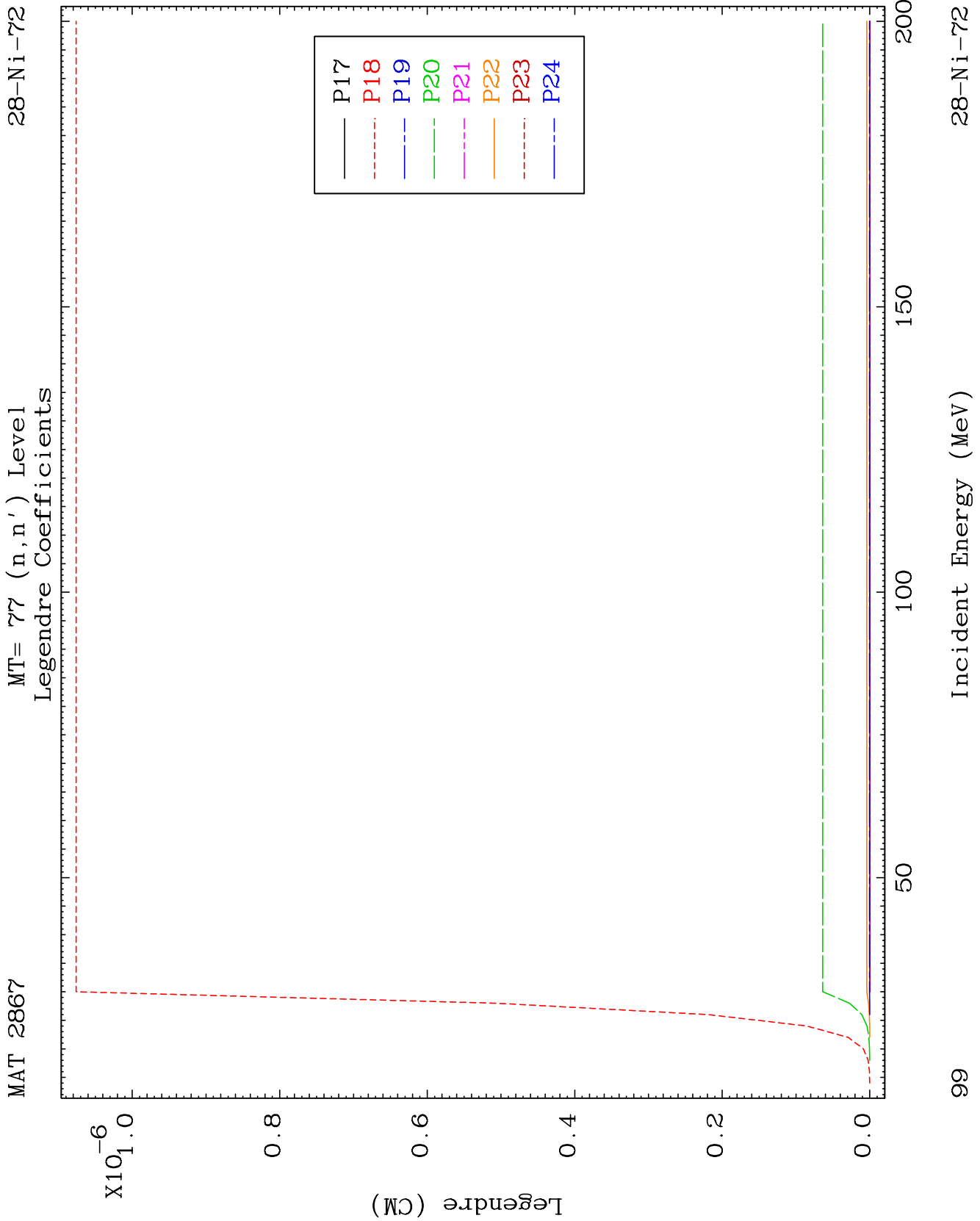
28-Ni-72



98

Incident Energy (MeV)

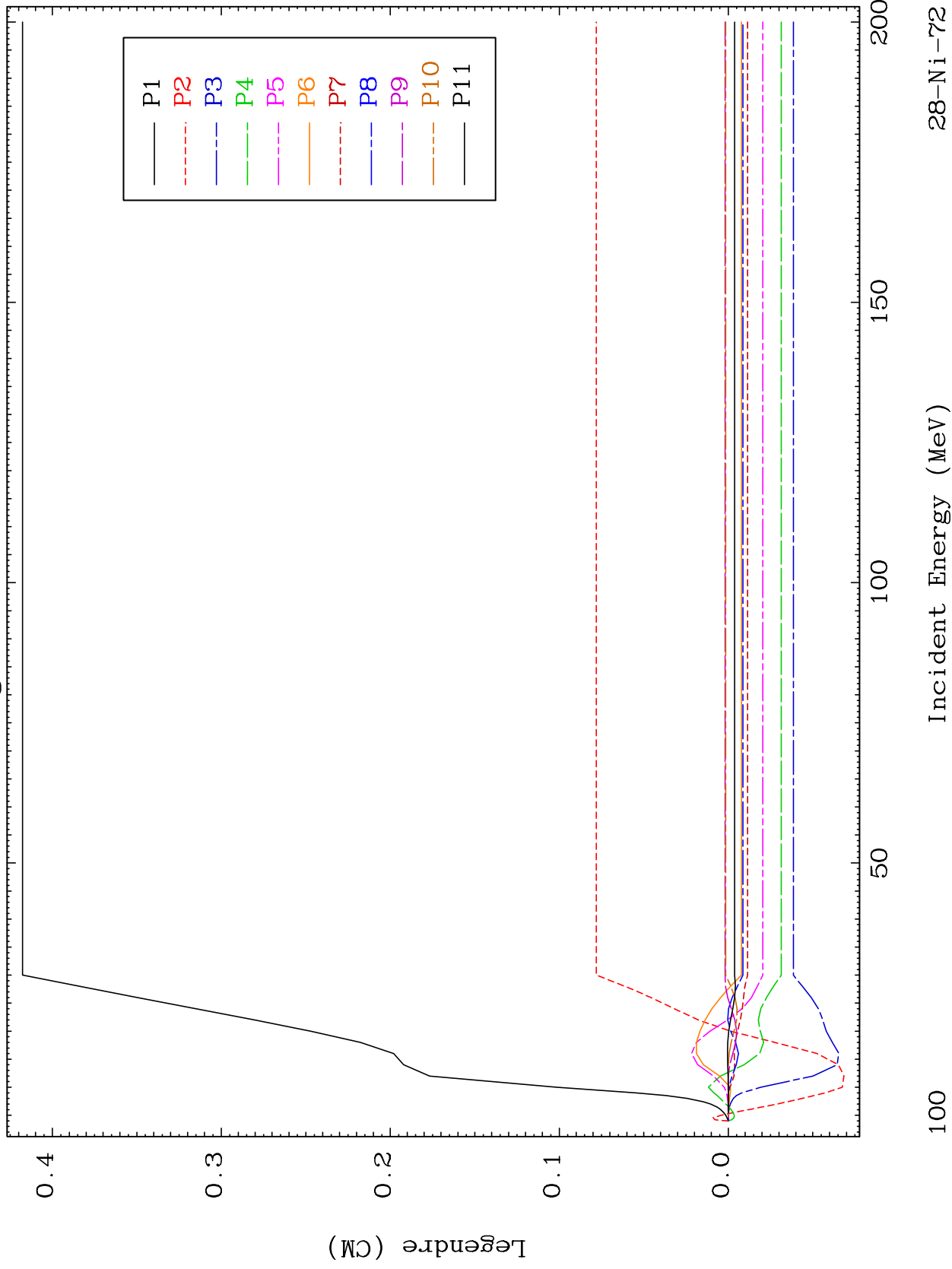
28-Ni-72



MAT 2867

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

28-Ni-72



28-Ni-72

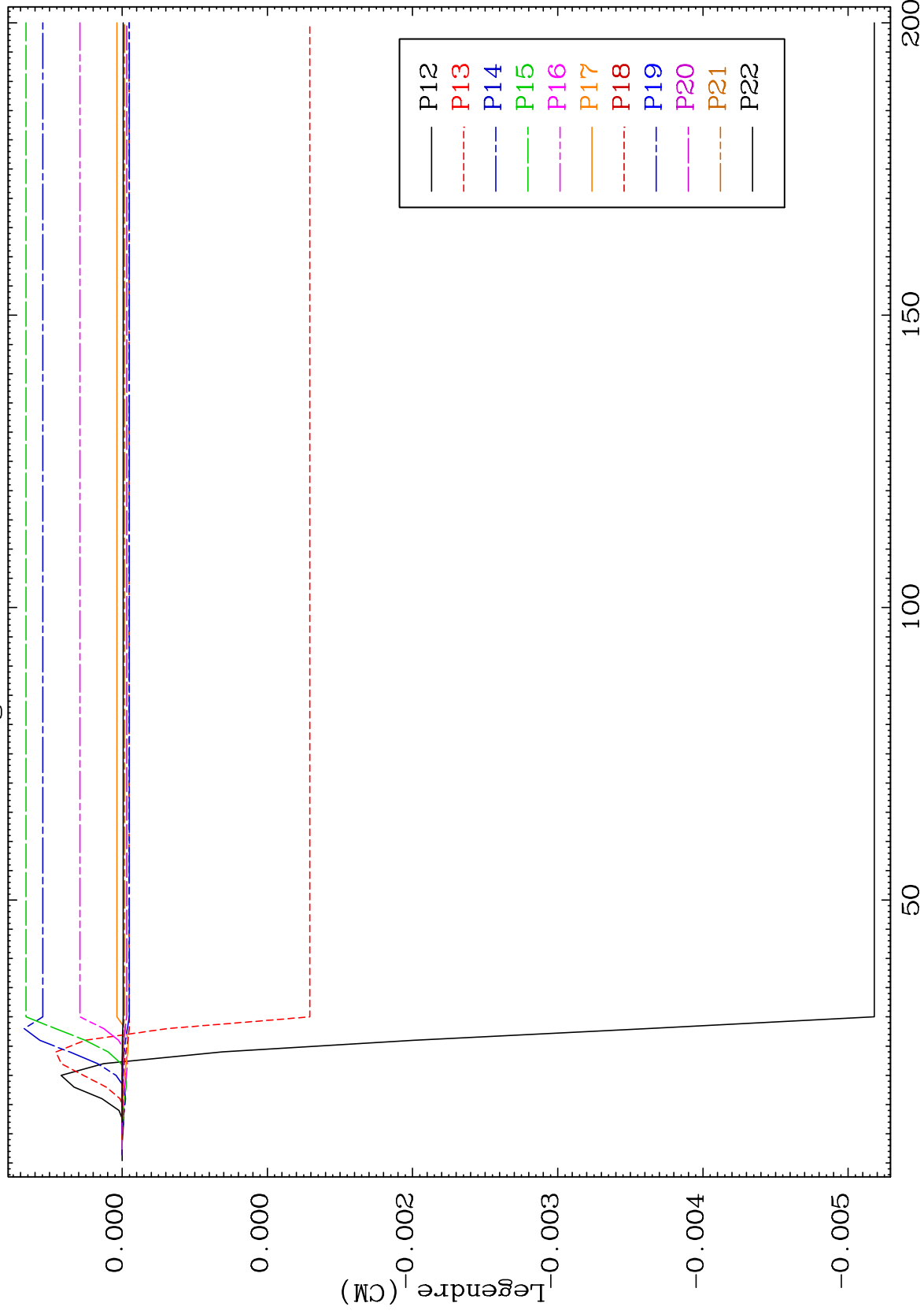
Incident Energy (MeV)

100

MAT 2867

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

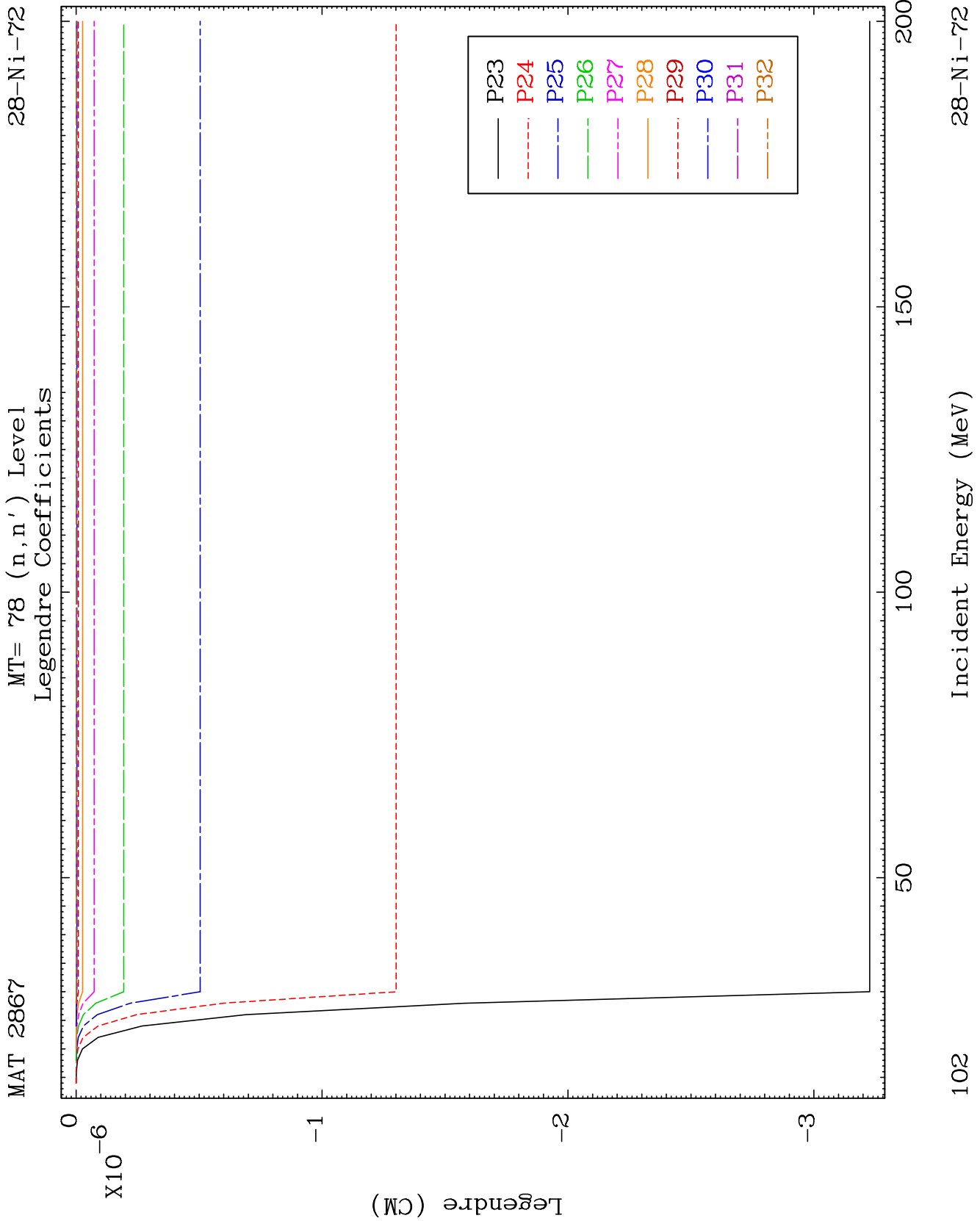
28-Ni-72

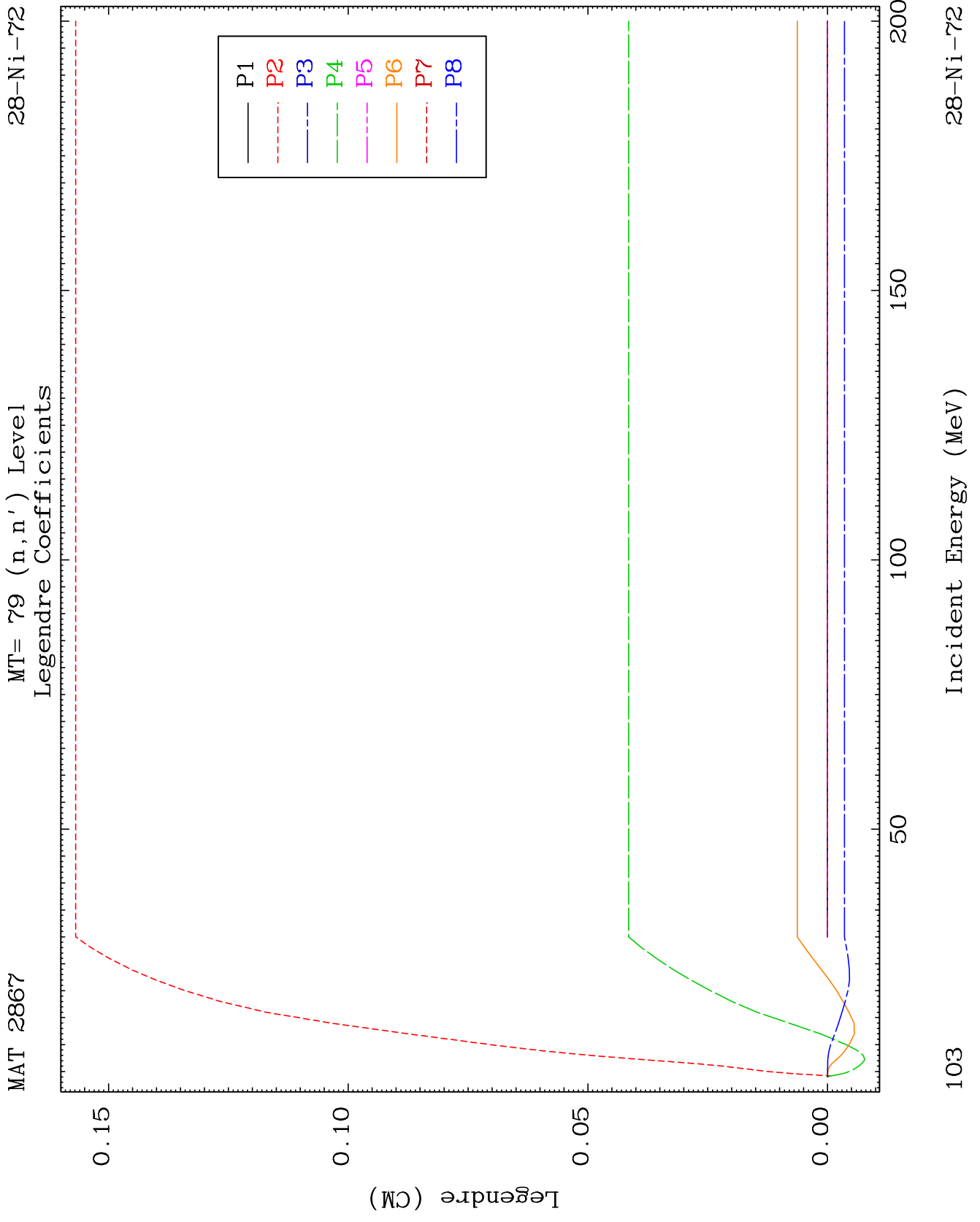


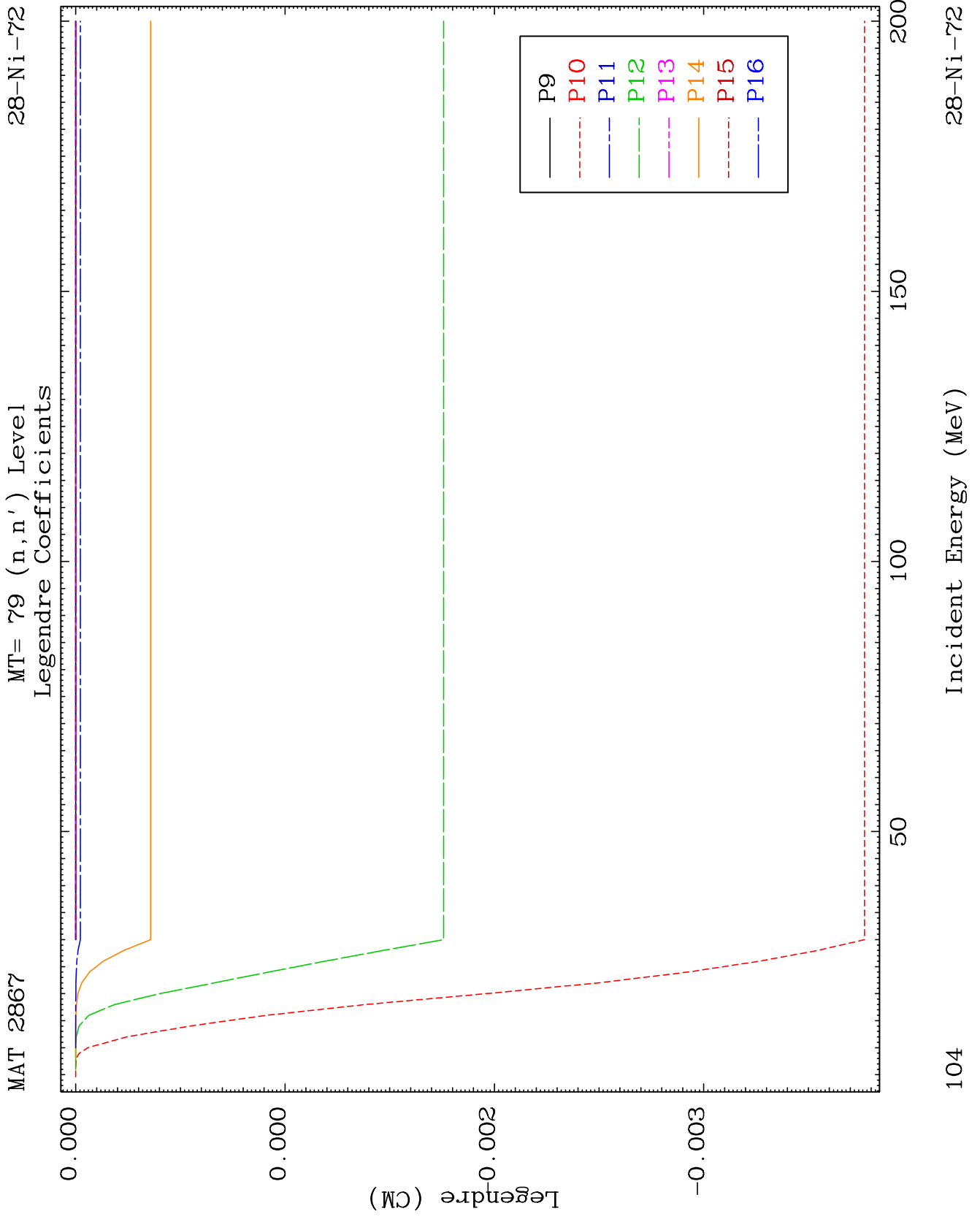
101

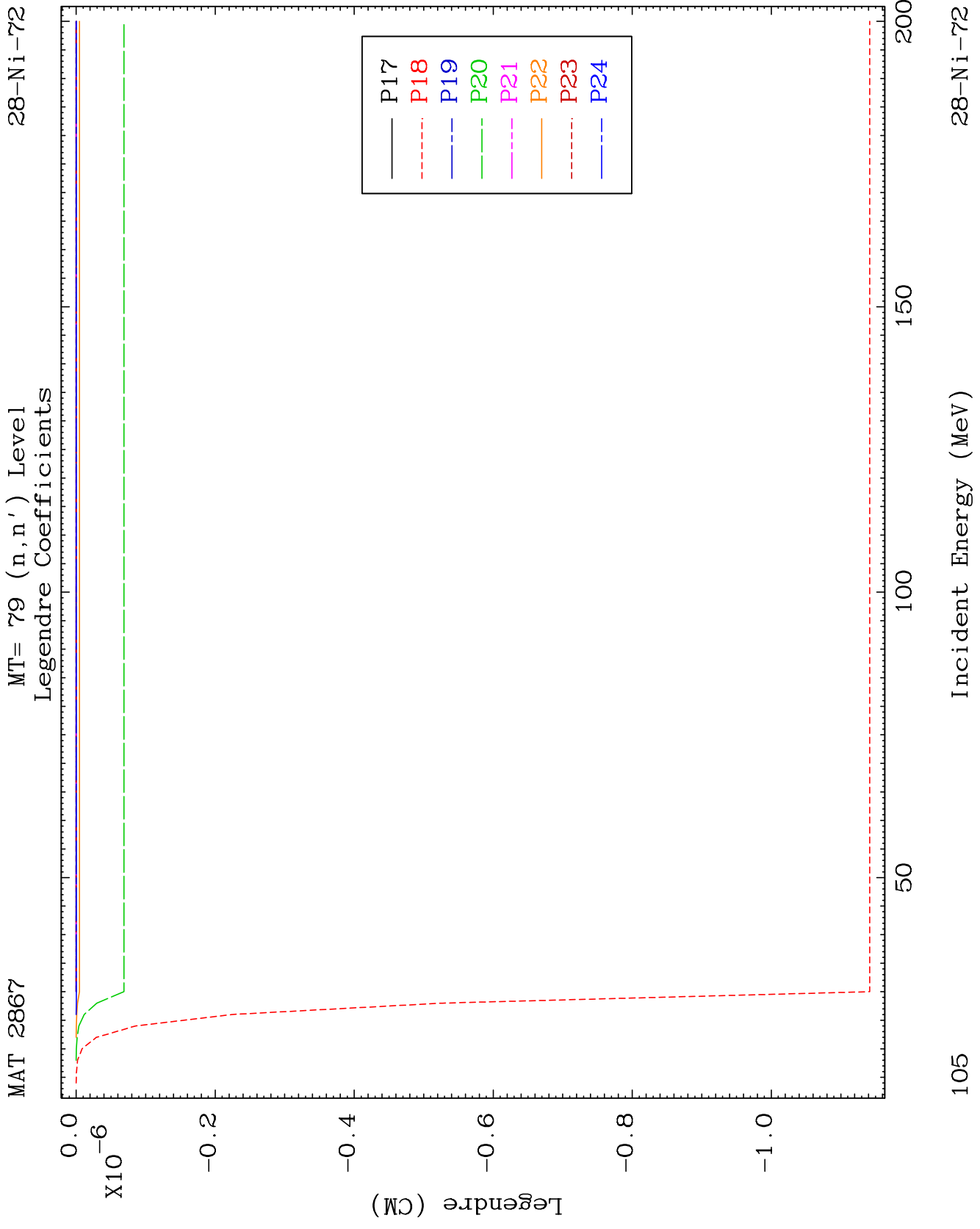
Incident Energy (MeV)

28-Ni-72





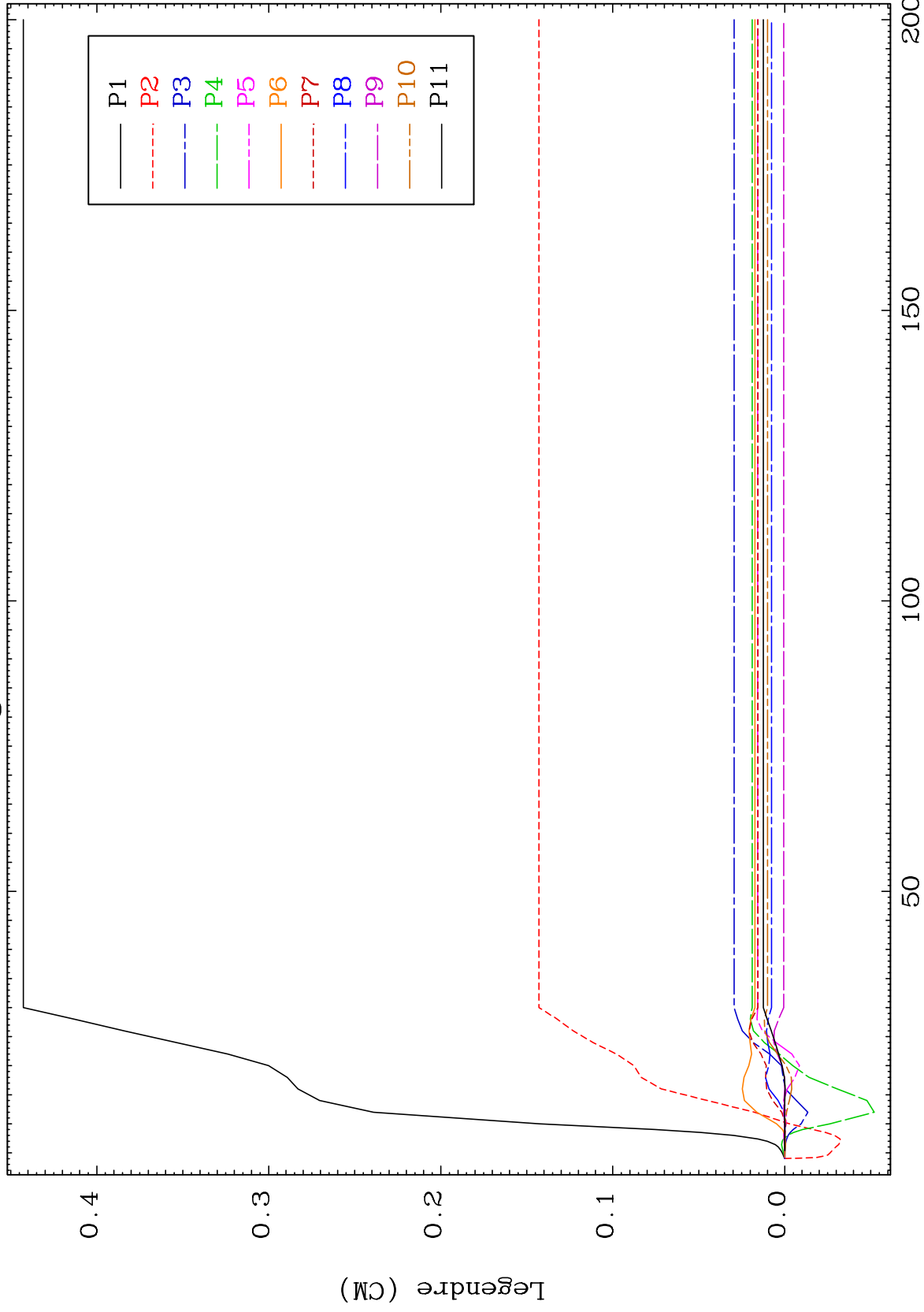




MAT 2867

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

28-Ni-72



106

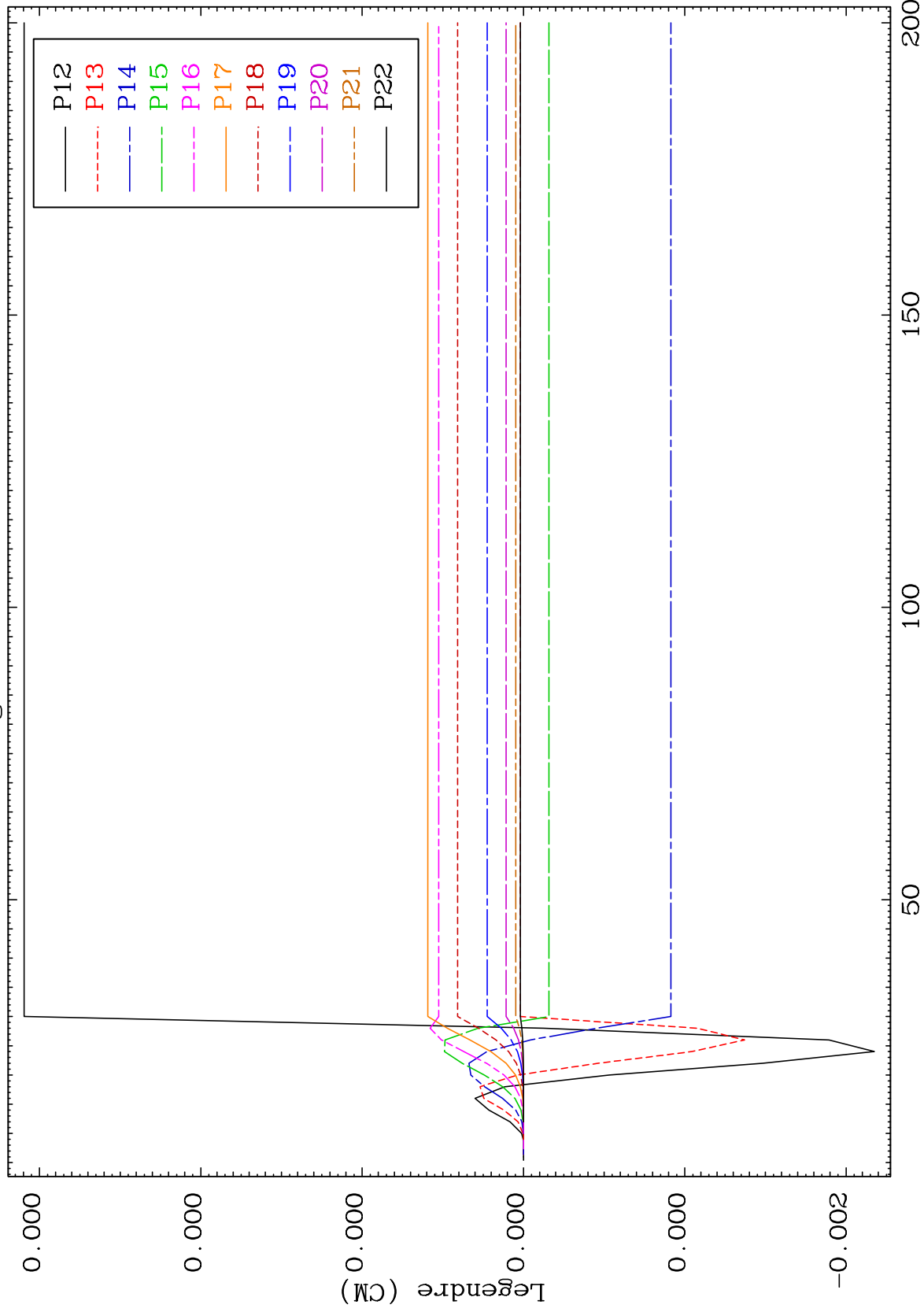
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



107

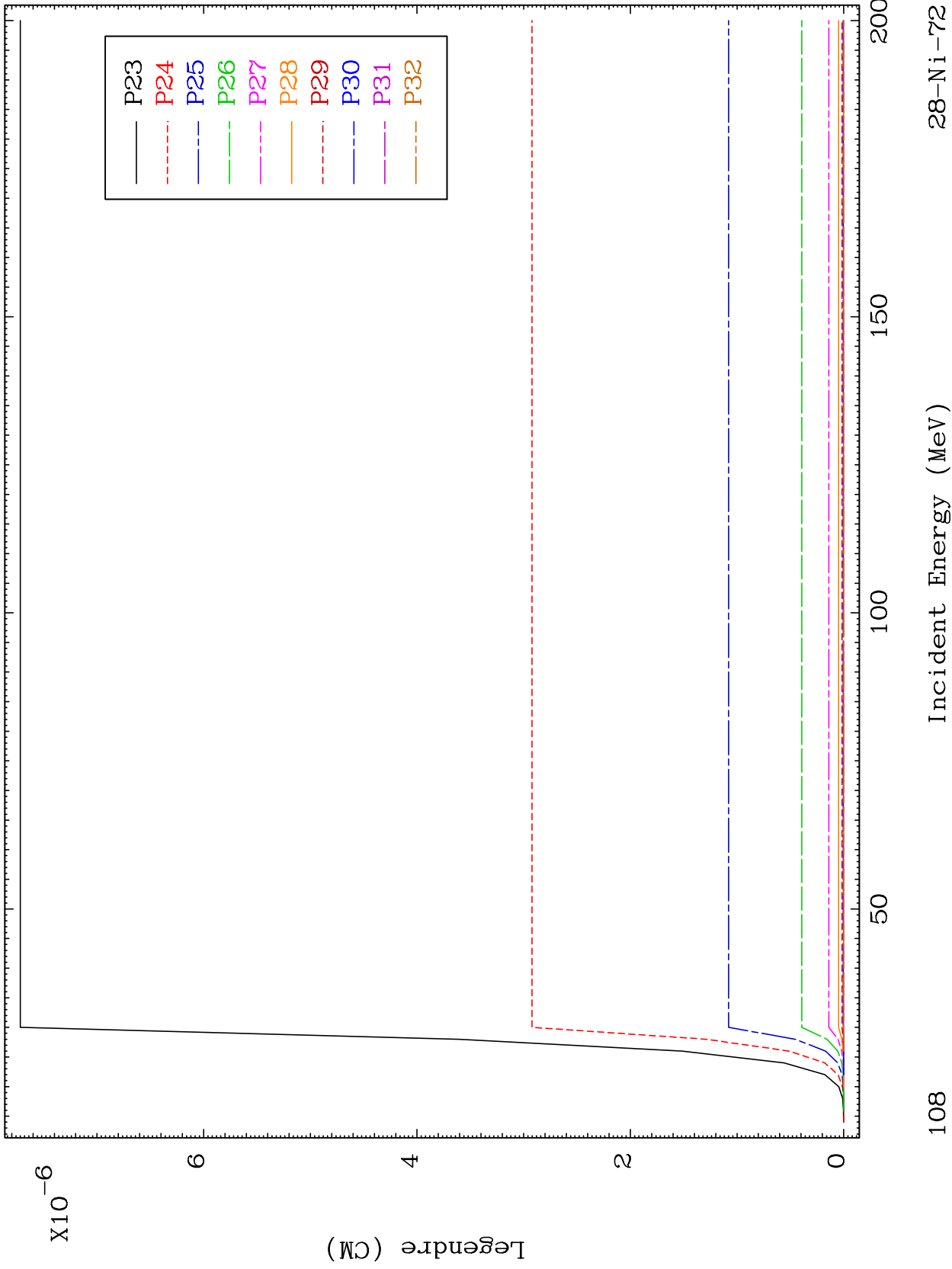
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

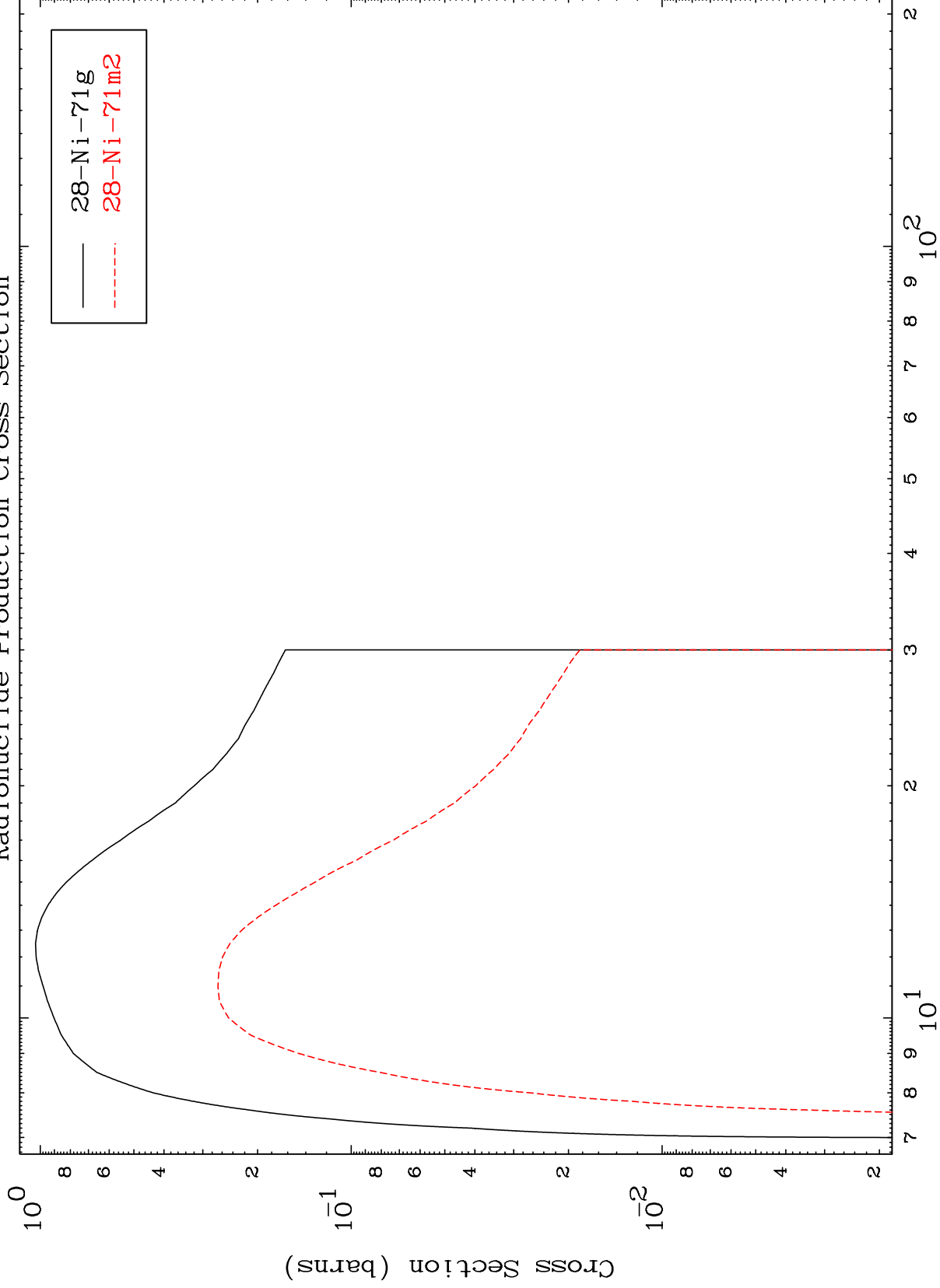


MAT 2867

(n,2n)

28-Ni-72

Radionuclide Production Cross Section



109

Incident Energy (MeV)

28-Ni-72