

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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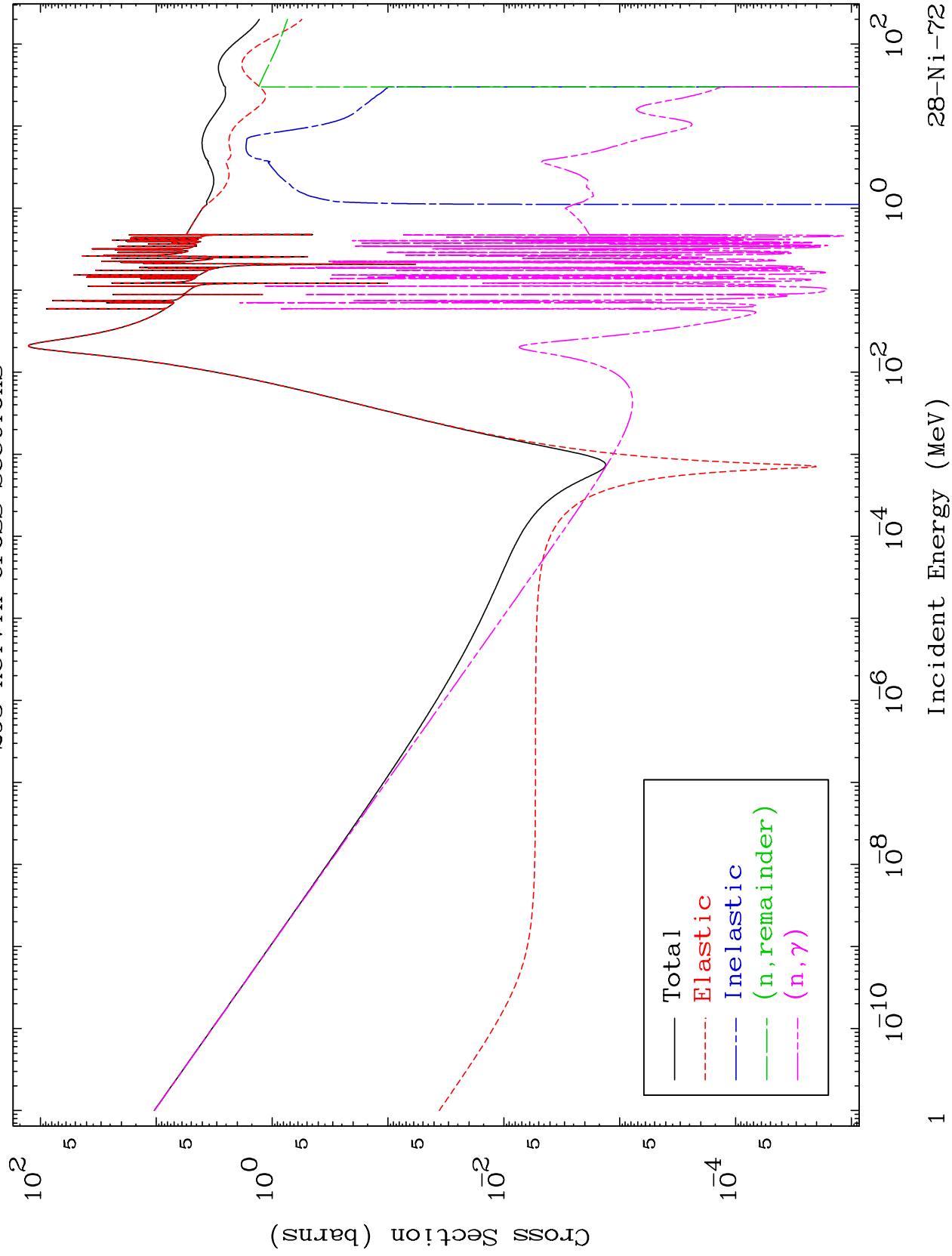
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2867

Major  
293 Kelvin Cross Sections

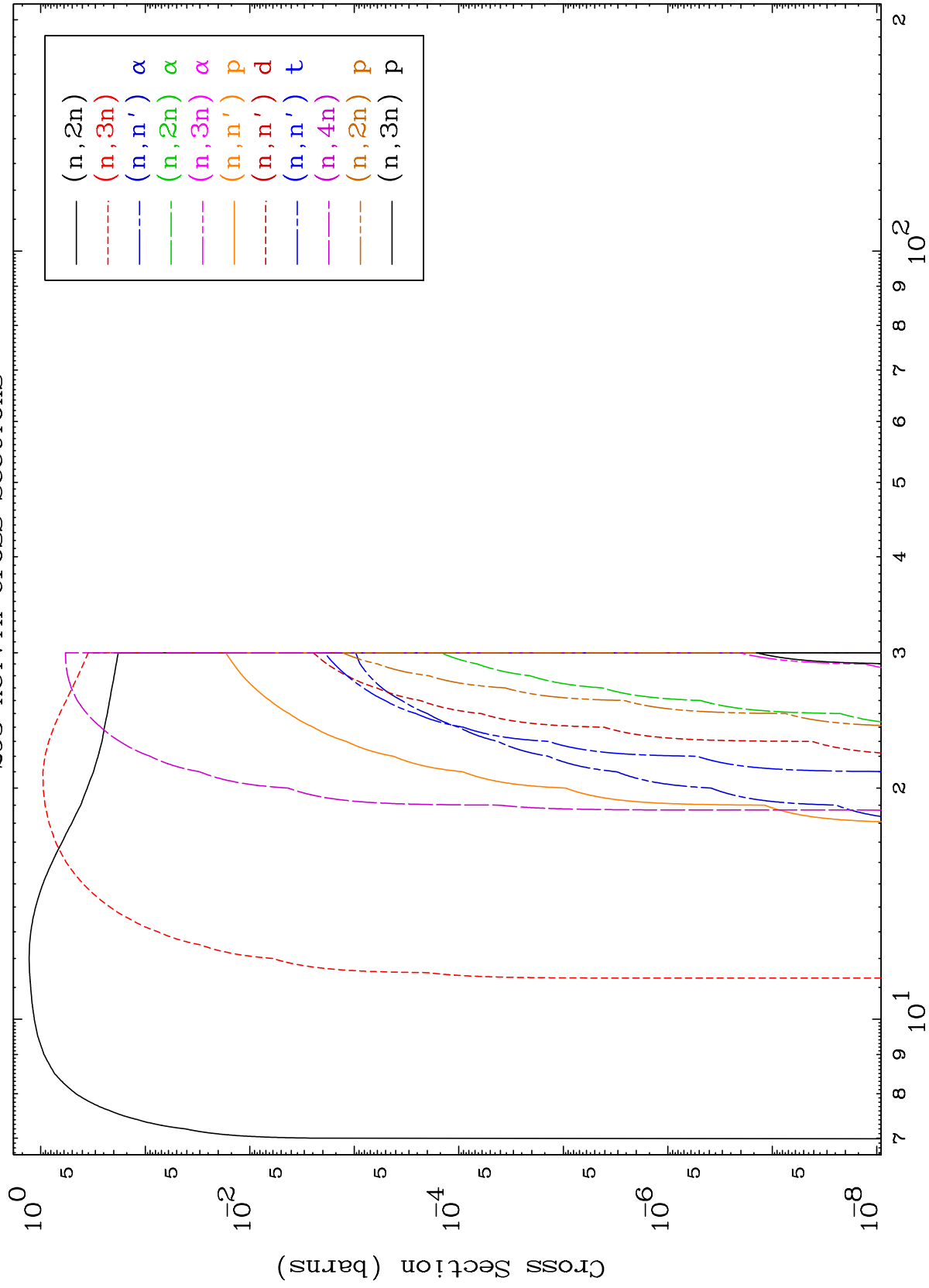
28-Ni-72



MAT 2867

Neutron Production  
293 Kelvin Cross Sections

28-Ni-72



2

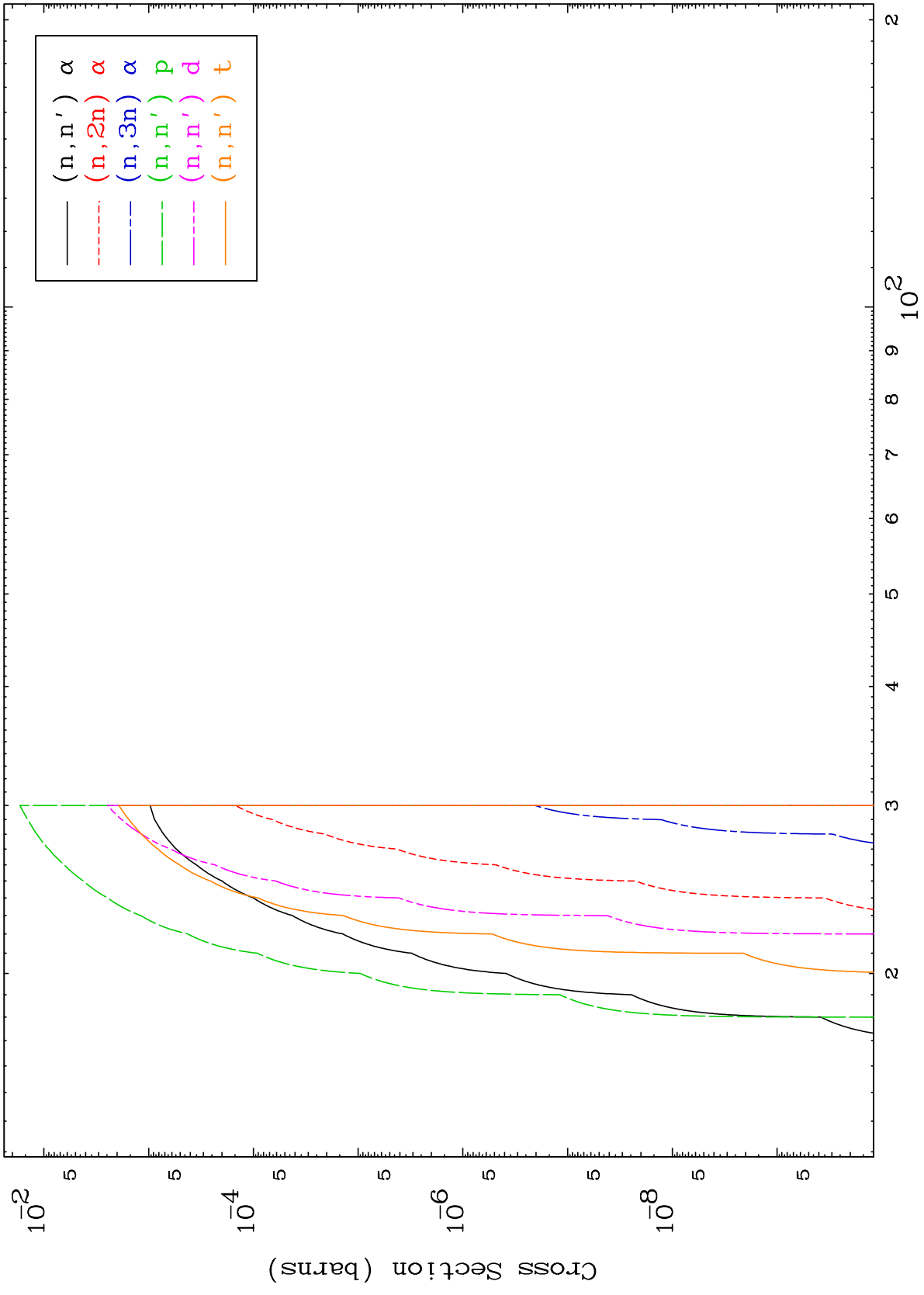
Incident Energy (MeV)

28-Ni-72

MAT 2867

Charged Particle  
293 Kelvin Cross Sections

28-Ni-72



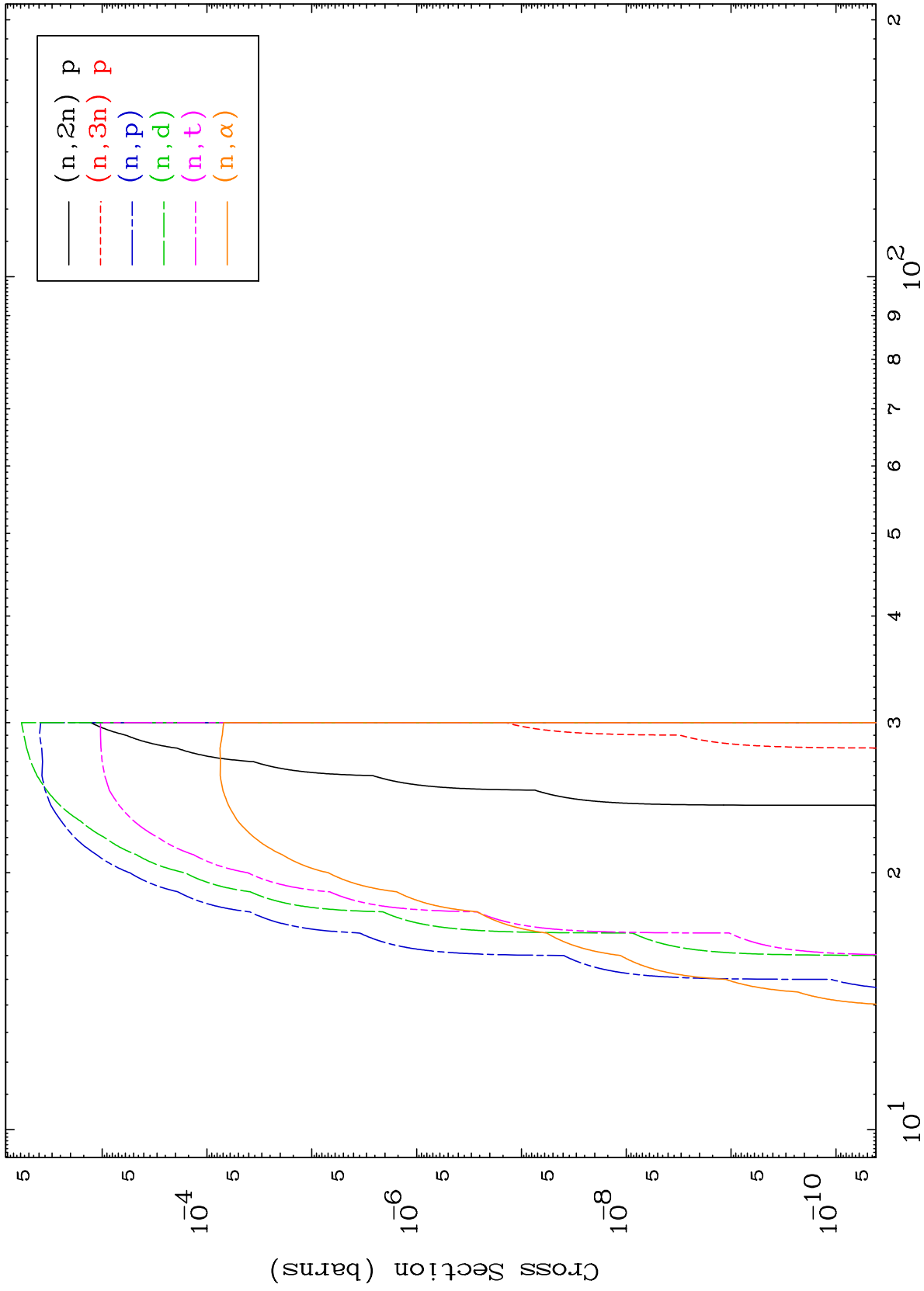
3

28-Ni-72

MAT 2867

Charged Particle  
293 Kelvin Cross Sections

28-Ni-72



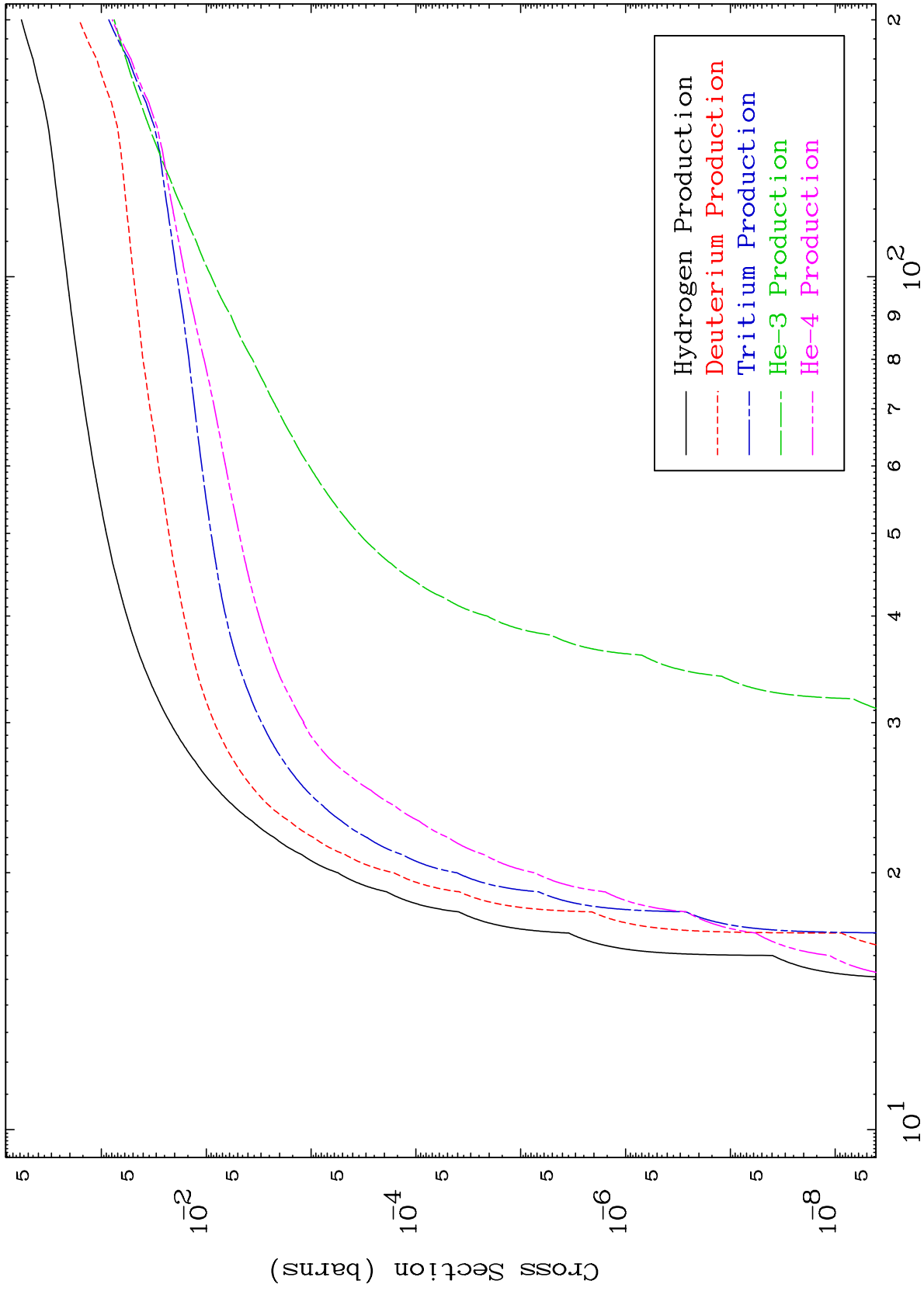
Incident Energy (MeV)

28-Ni-72

MAT 2867

Particle Production  
293 Kelvin Cross Sections

28-Ni-72



28-Ni-72

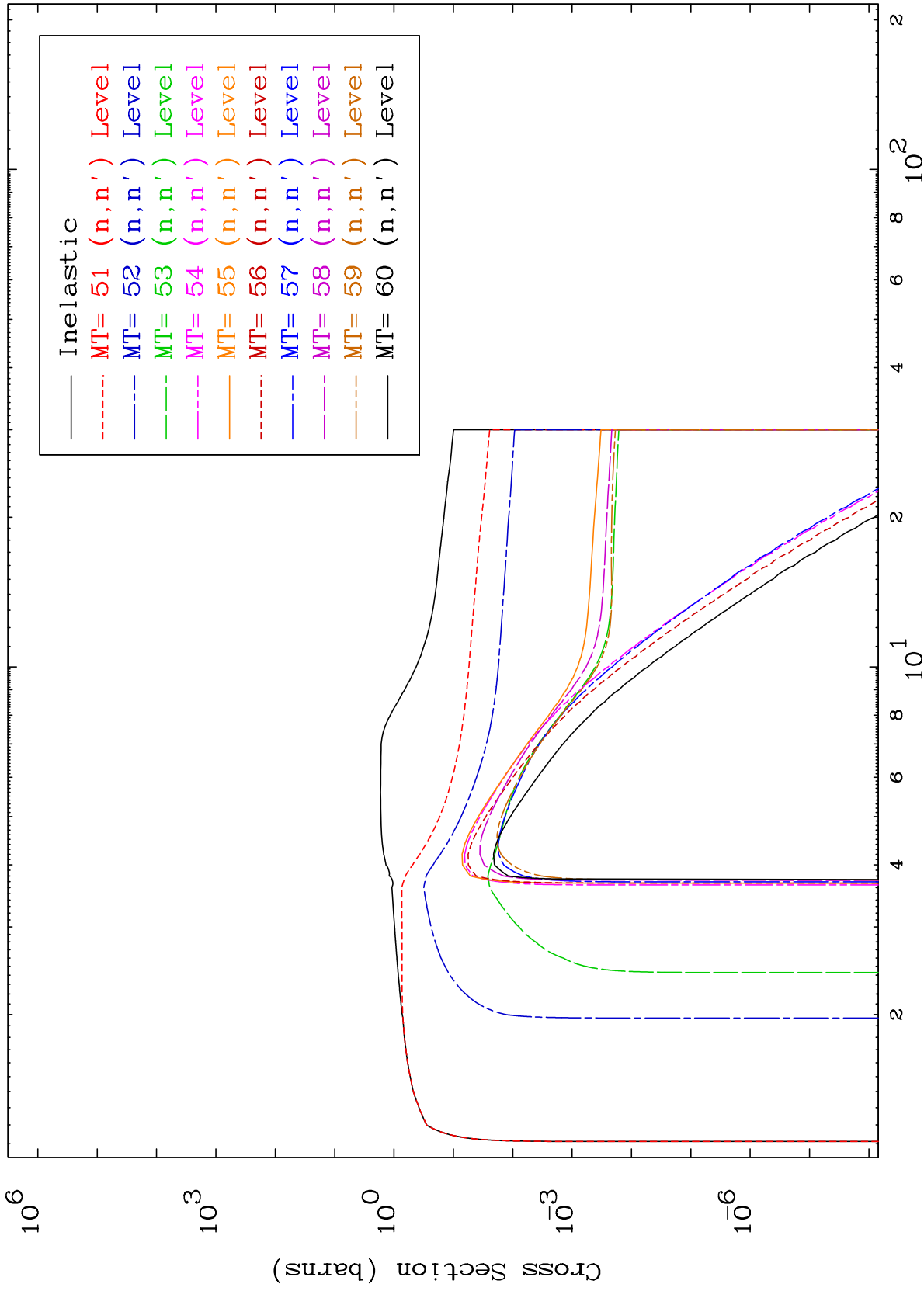
Incident Energy (MeV)

MAT 2867

(n,n') Level

28-Ni-72

293 Kelvin Cross Sections



6

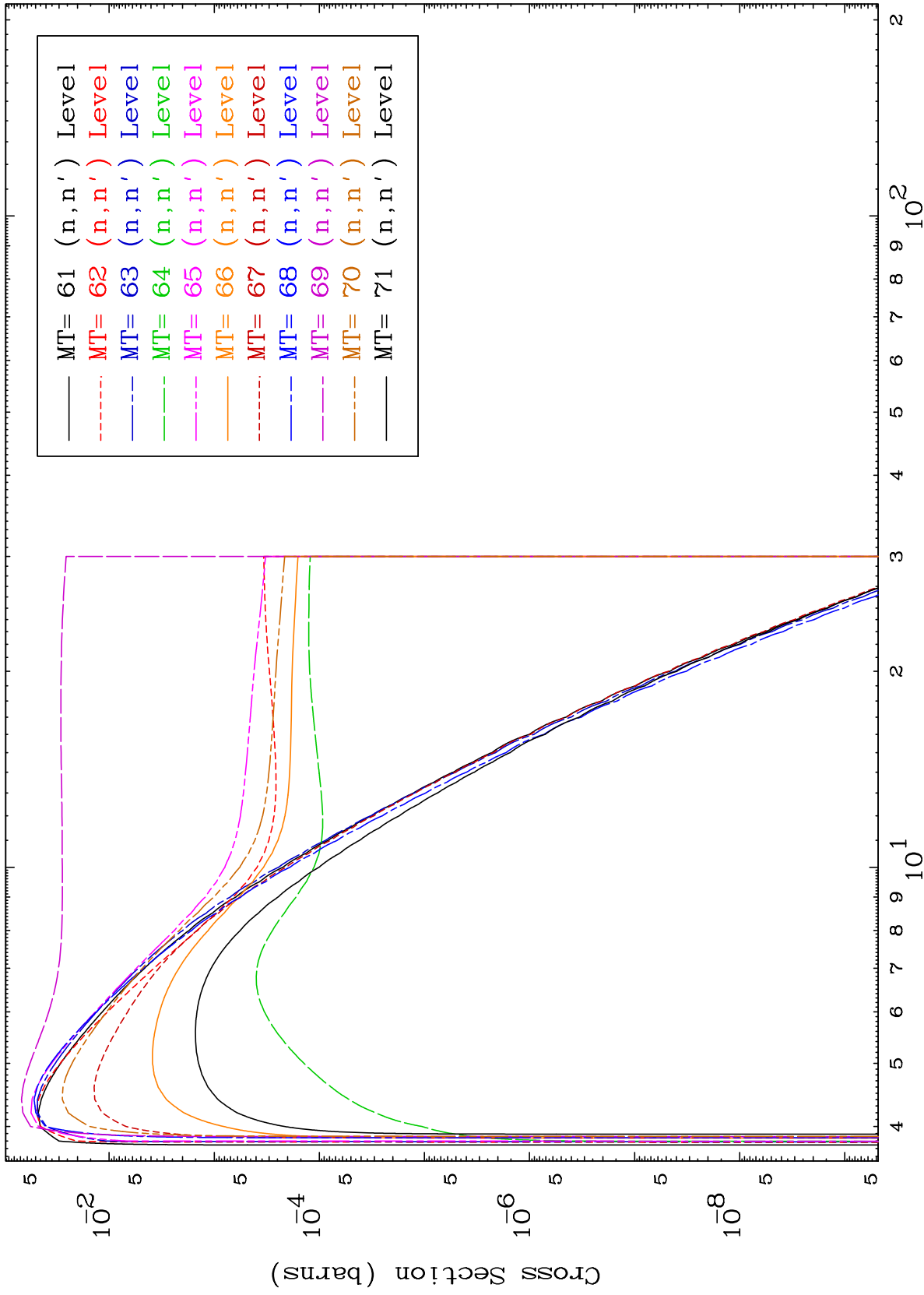
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-72



7

Incident Energy (MeV)

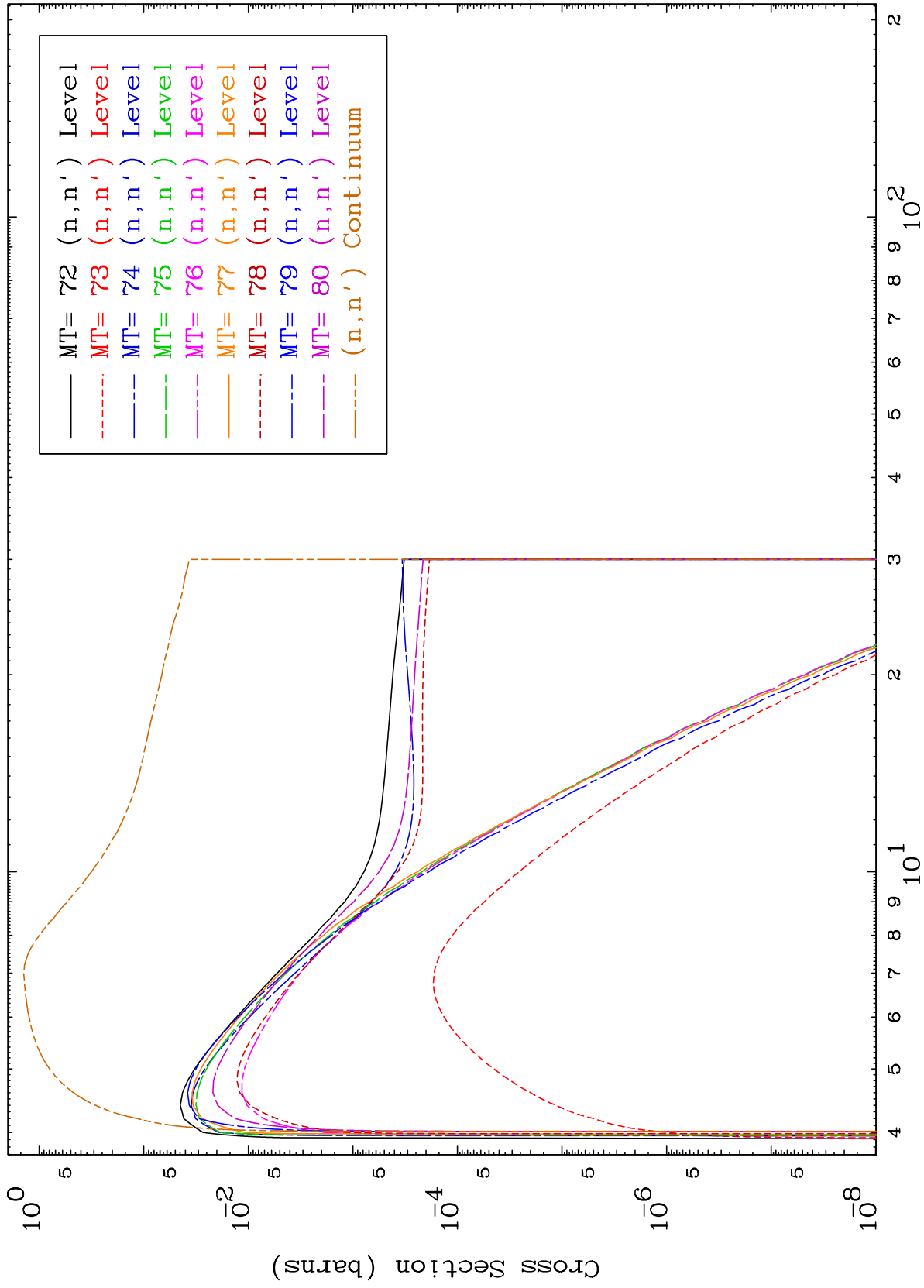
28-Ni-72



MAT 2867

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-72



8

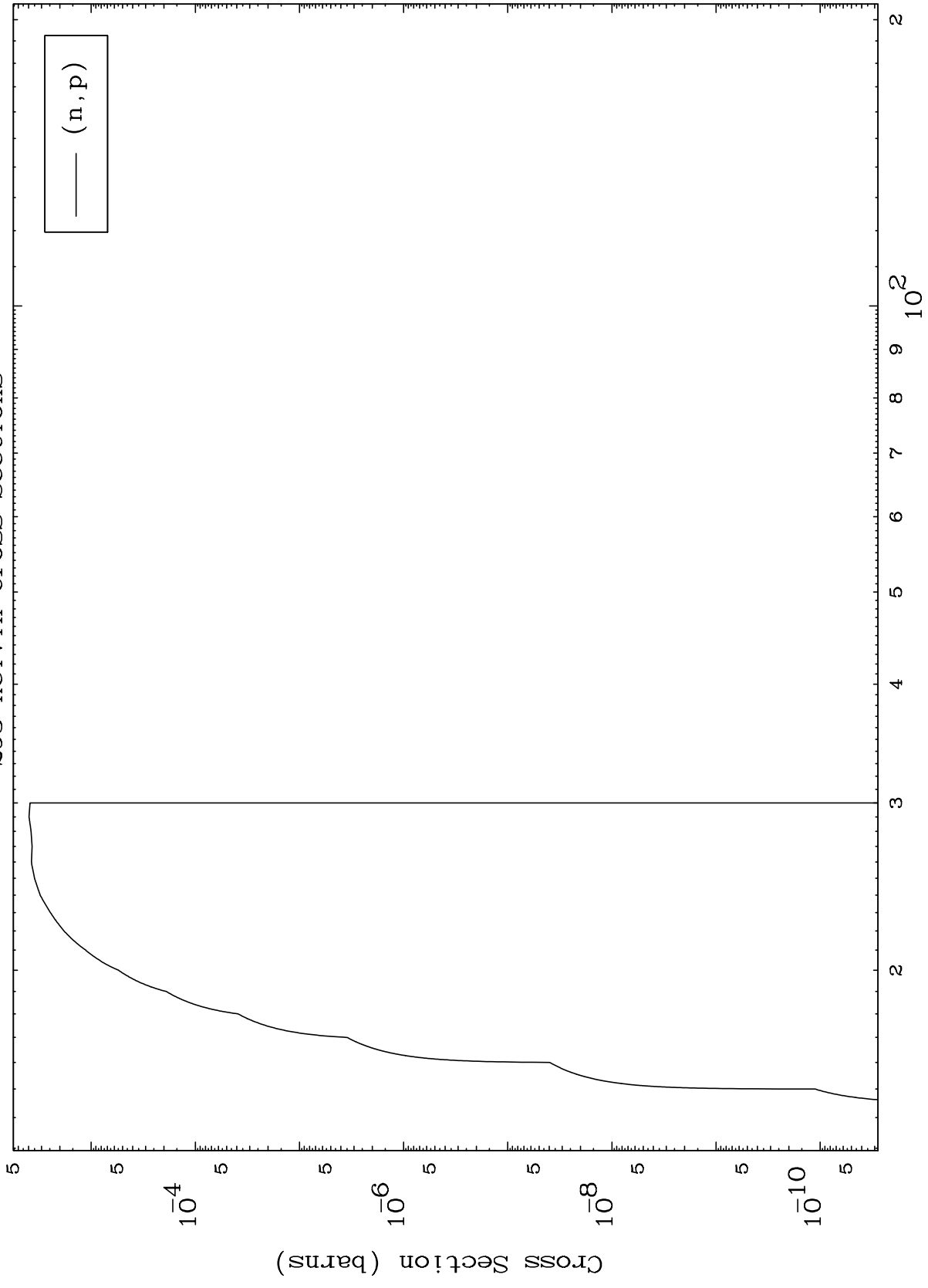
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-72

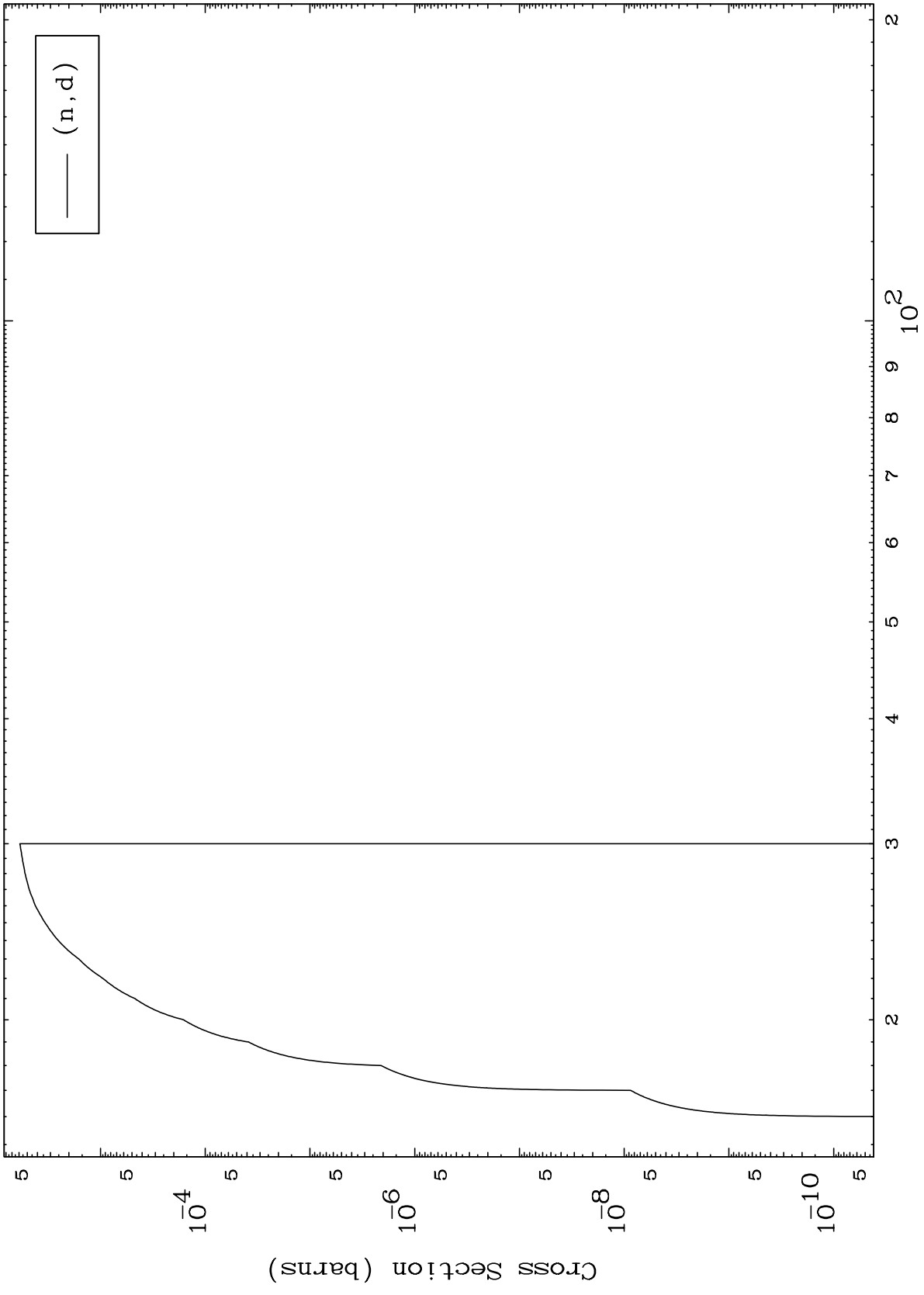


28-Ni-72

MAT 2867

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-72



10

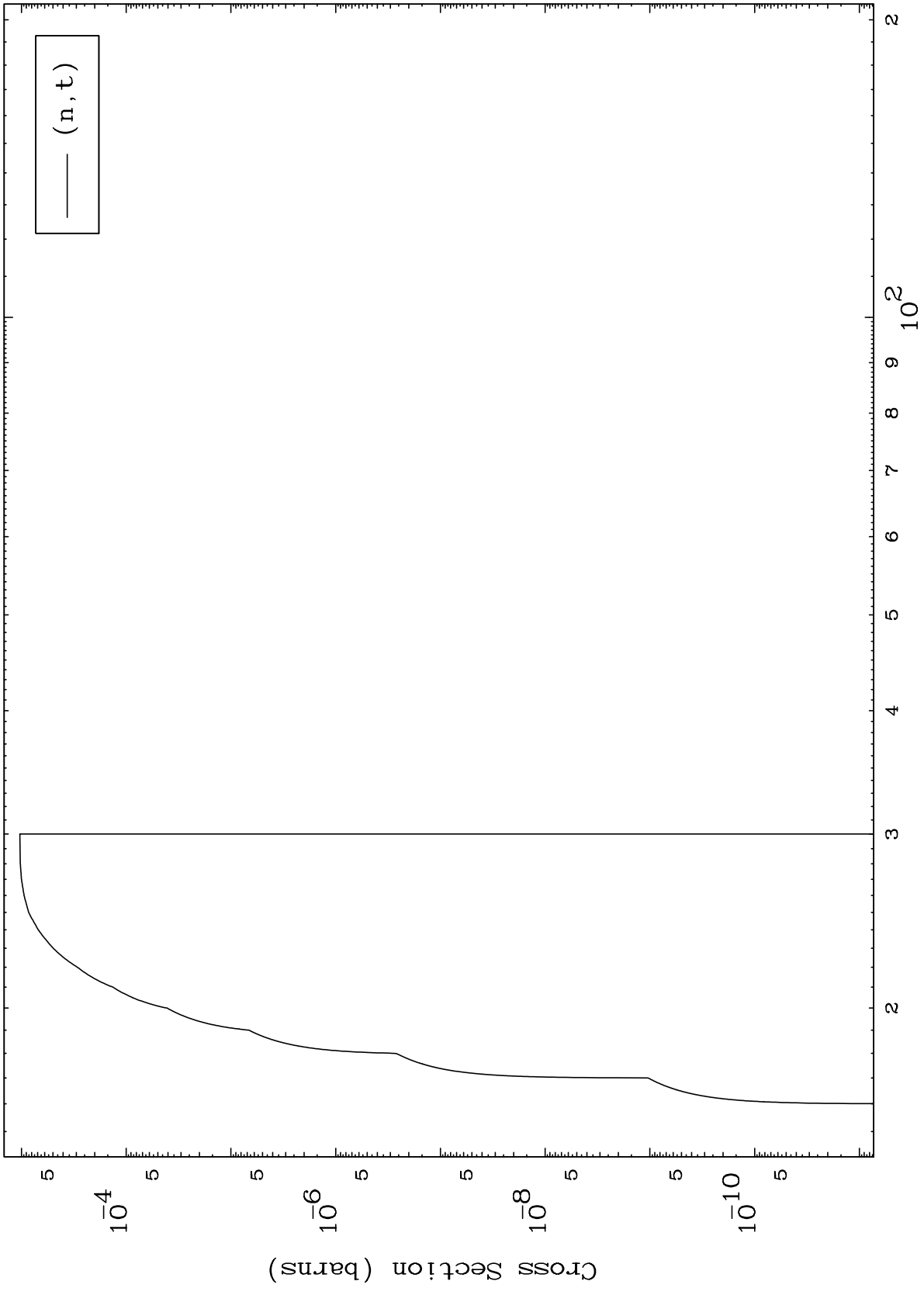
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-72

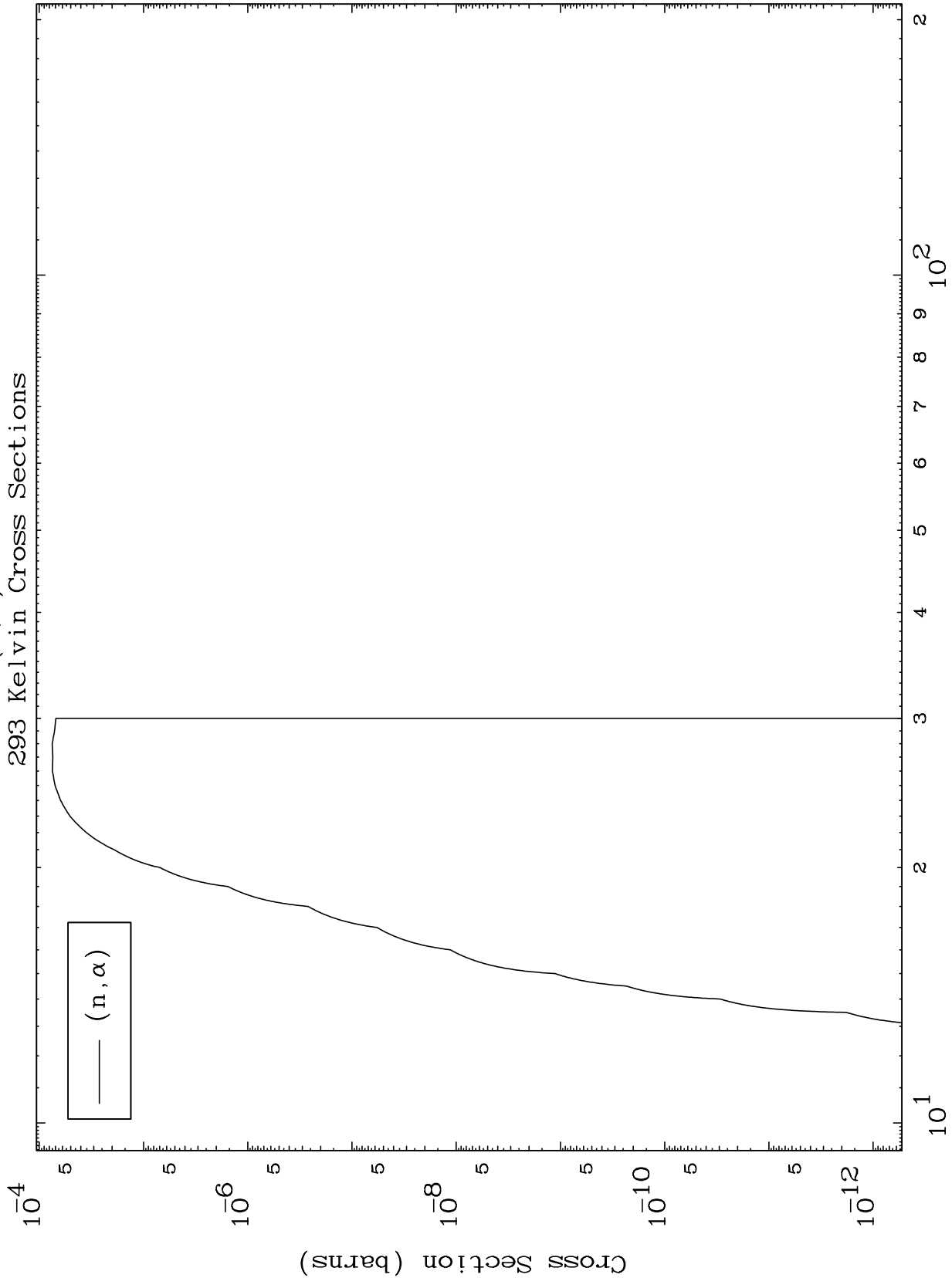


28-Ni-72

MAT 2867

(n,α) Levels  
293 Kelvin Cross Sections

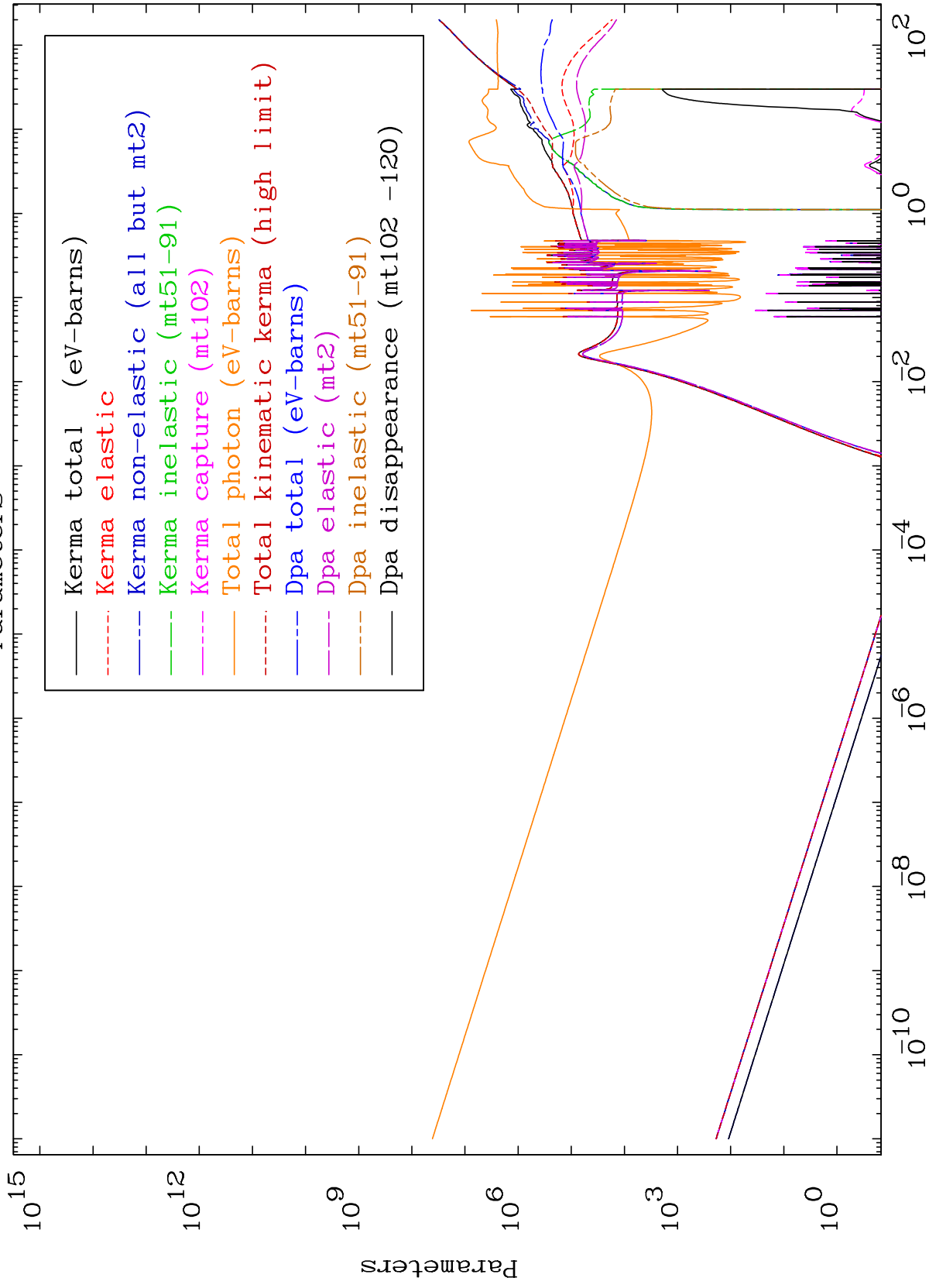
28-Ni-72



12

Incident Energy (MeV)

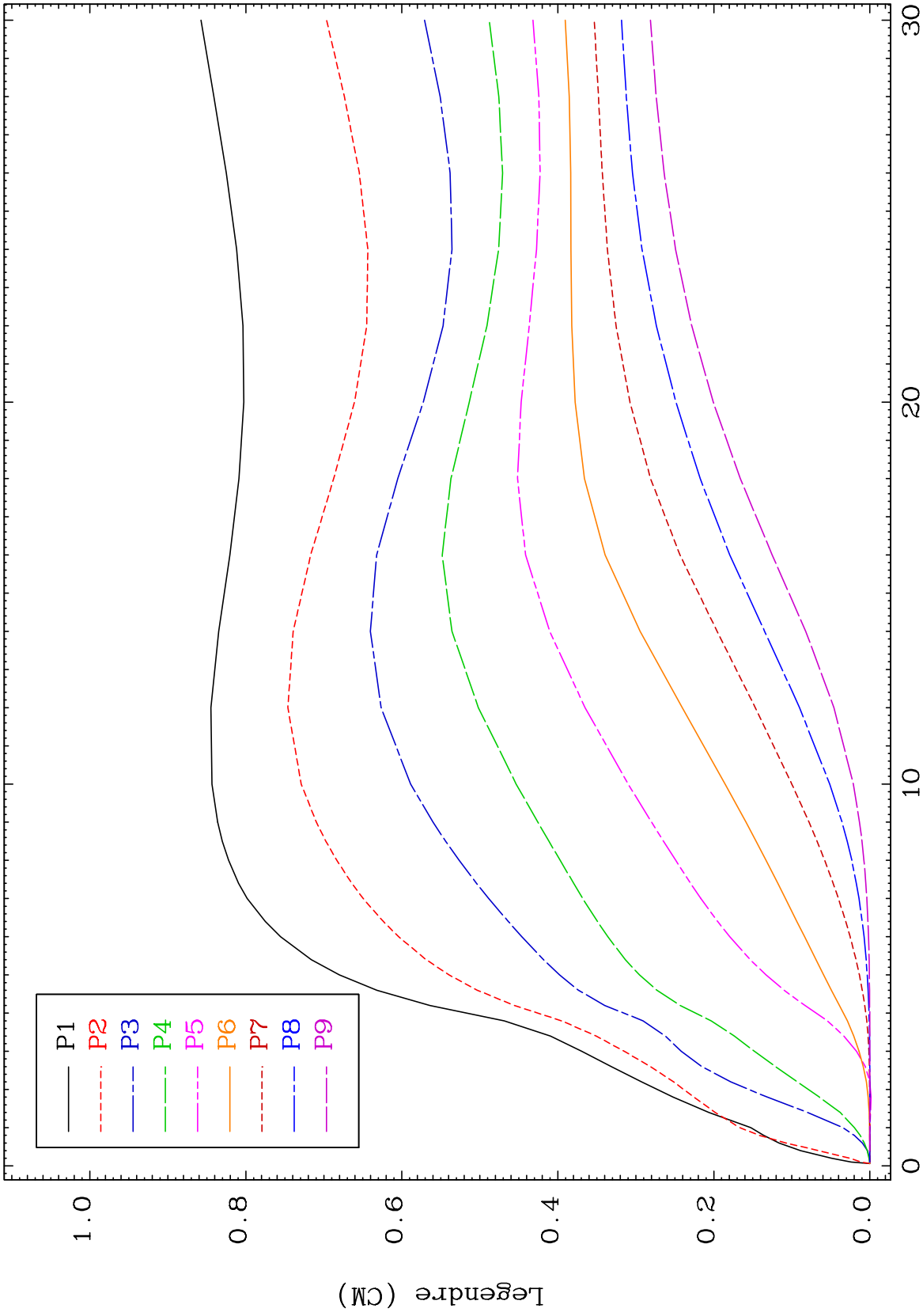
28-Ni-72



MAT 2867

Elastic Legendre Coefficients

28-Ni-72



14

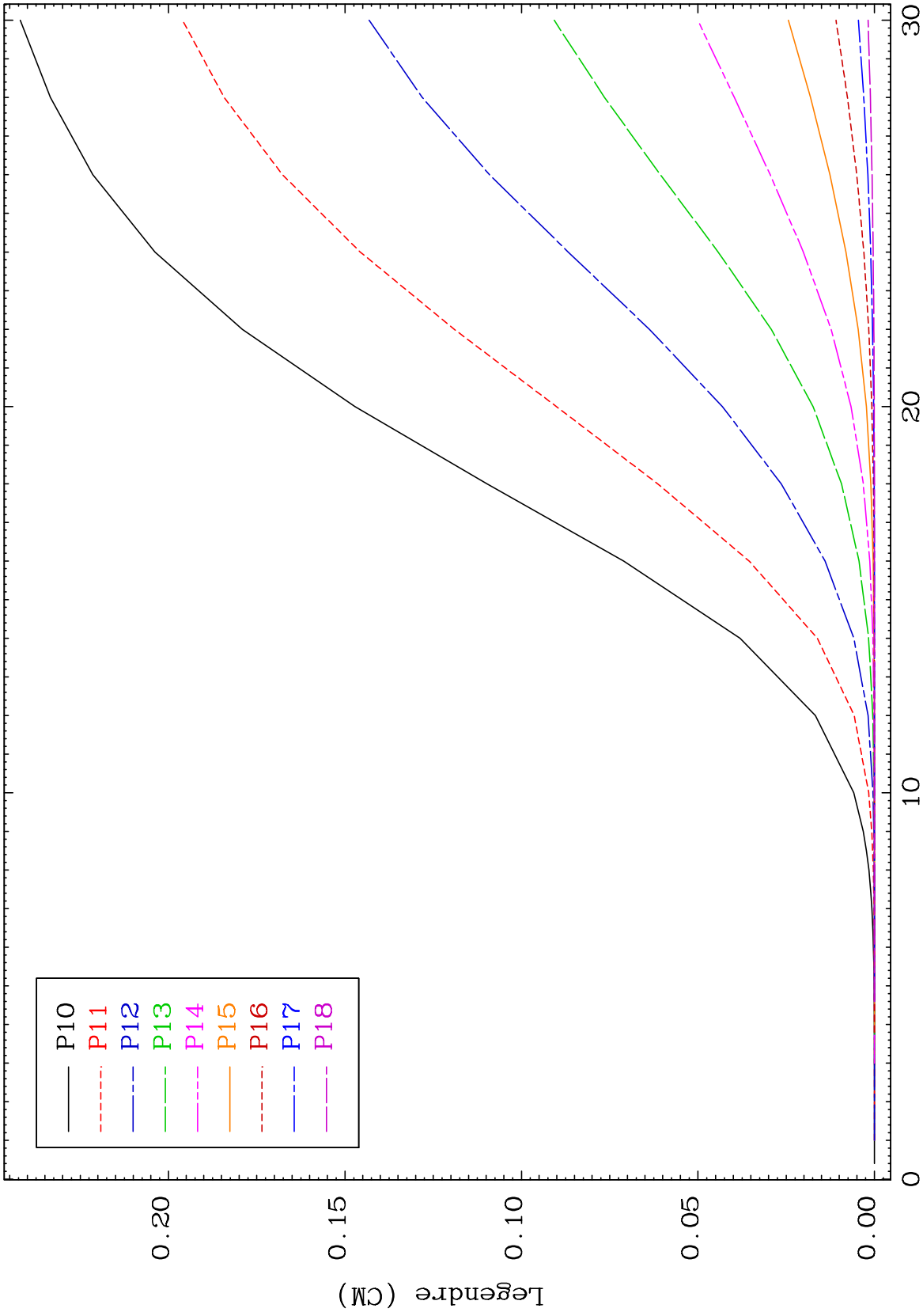
Incident Energy (MeV)

28-Ni-72

MAT 2867

Elastic Legendre Coefficients

28-Ni-72



15

Incident Energy (MeV)

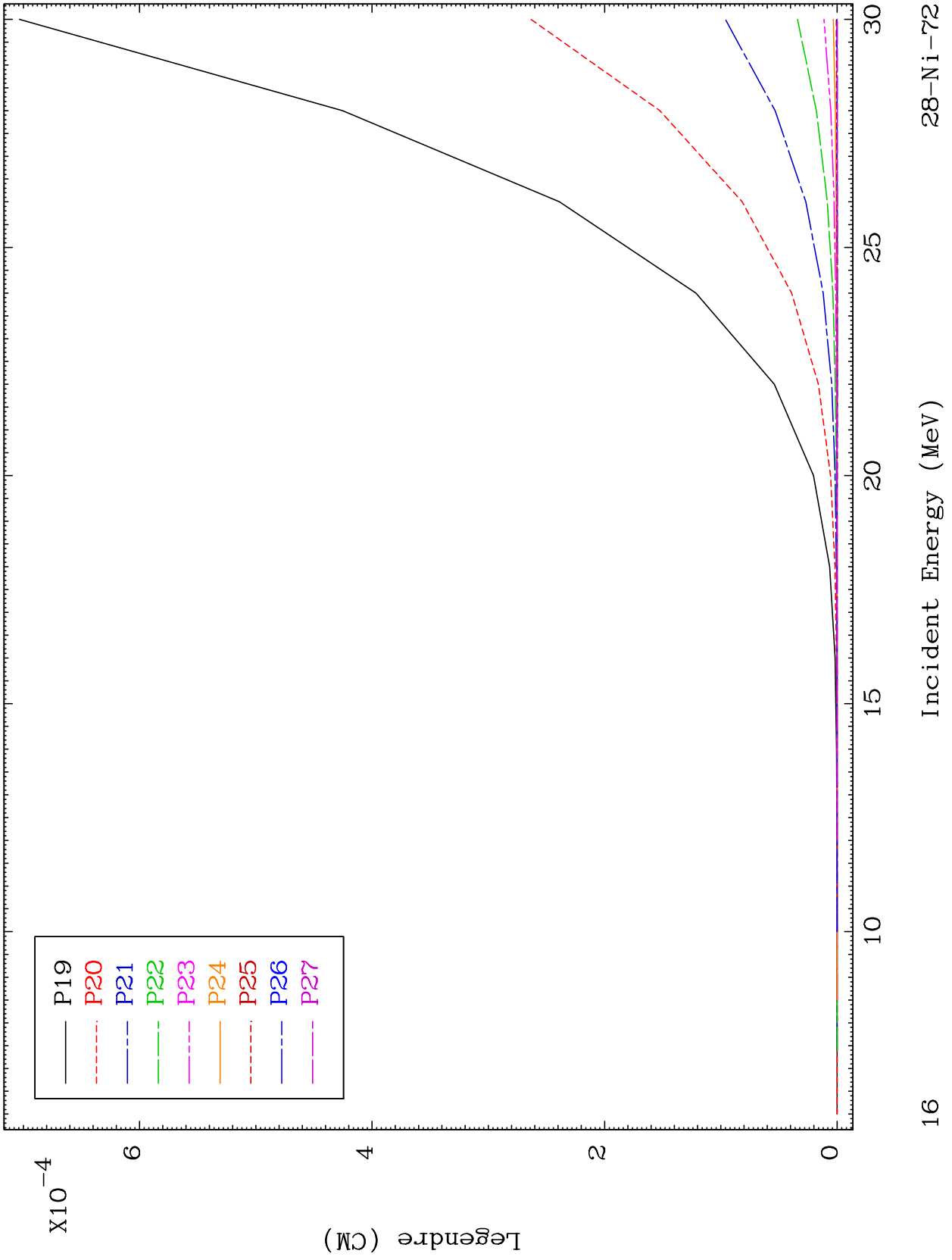
28-Ni-72



MAT 2867

Elastic Legendre Coefficients

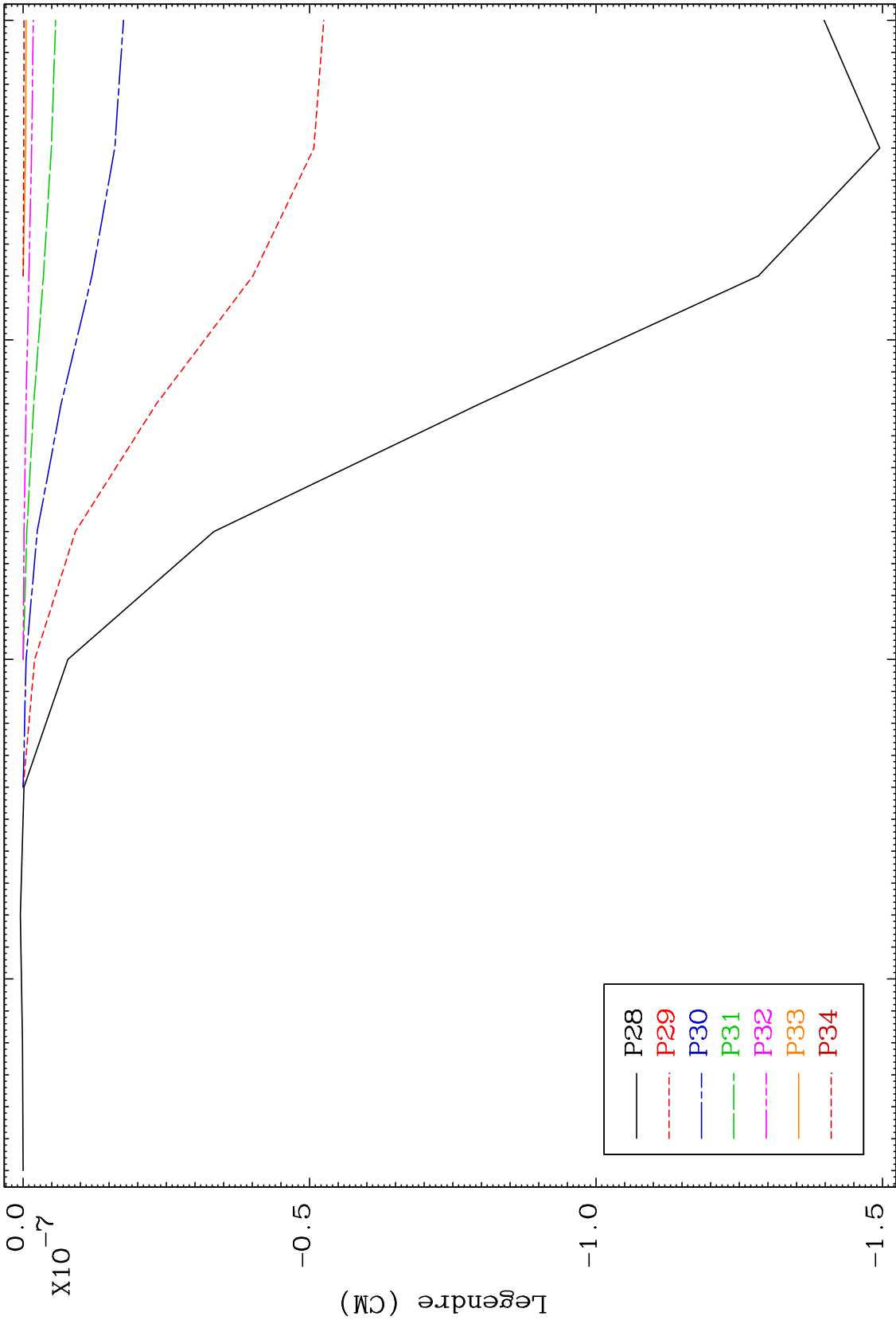
<sup>28</sup>Ni-72



MAT 2867

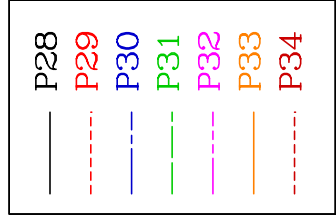
28-Ni-72

Elastic Legendre Coefficients



$10^{-7}$

Legendre (CM)



17

Incident Energy (MeV)

28-Ni-72

MAT 2867 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-72

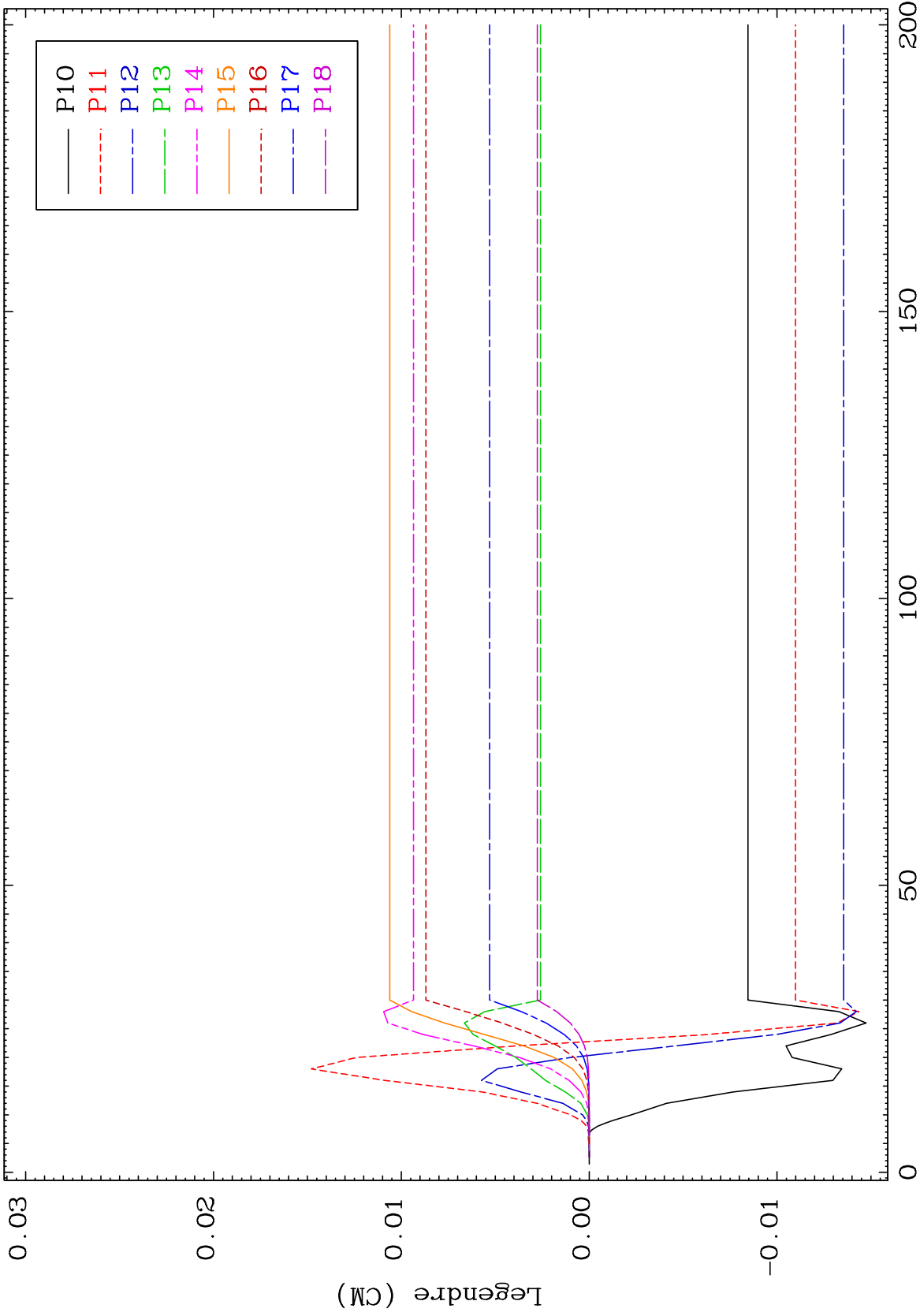


18 Incident Energy (MeV) 28-Ni-72

MAT 2867

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

28-Ni-72



19

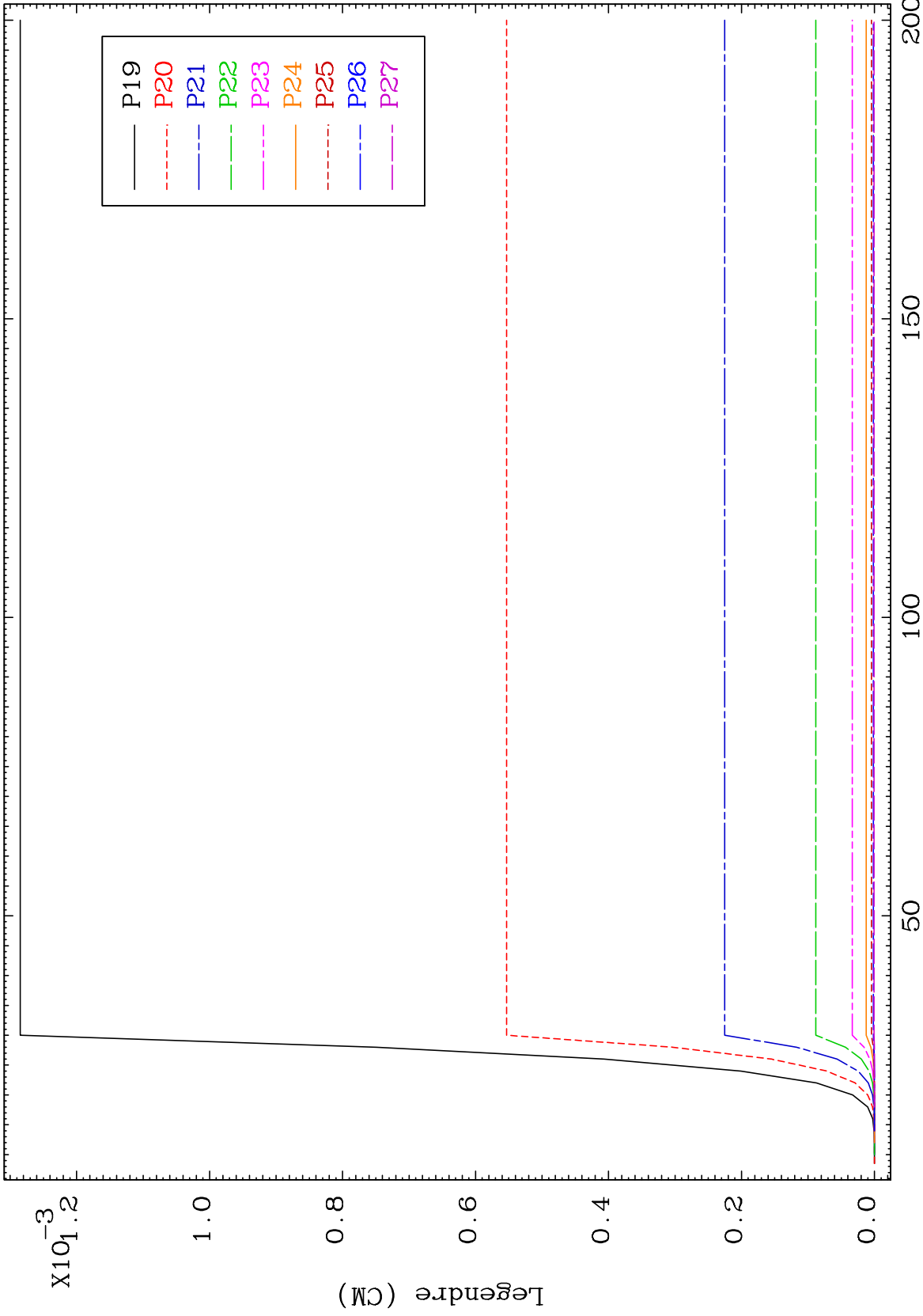
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



20

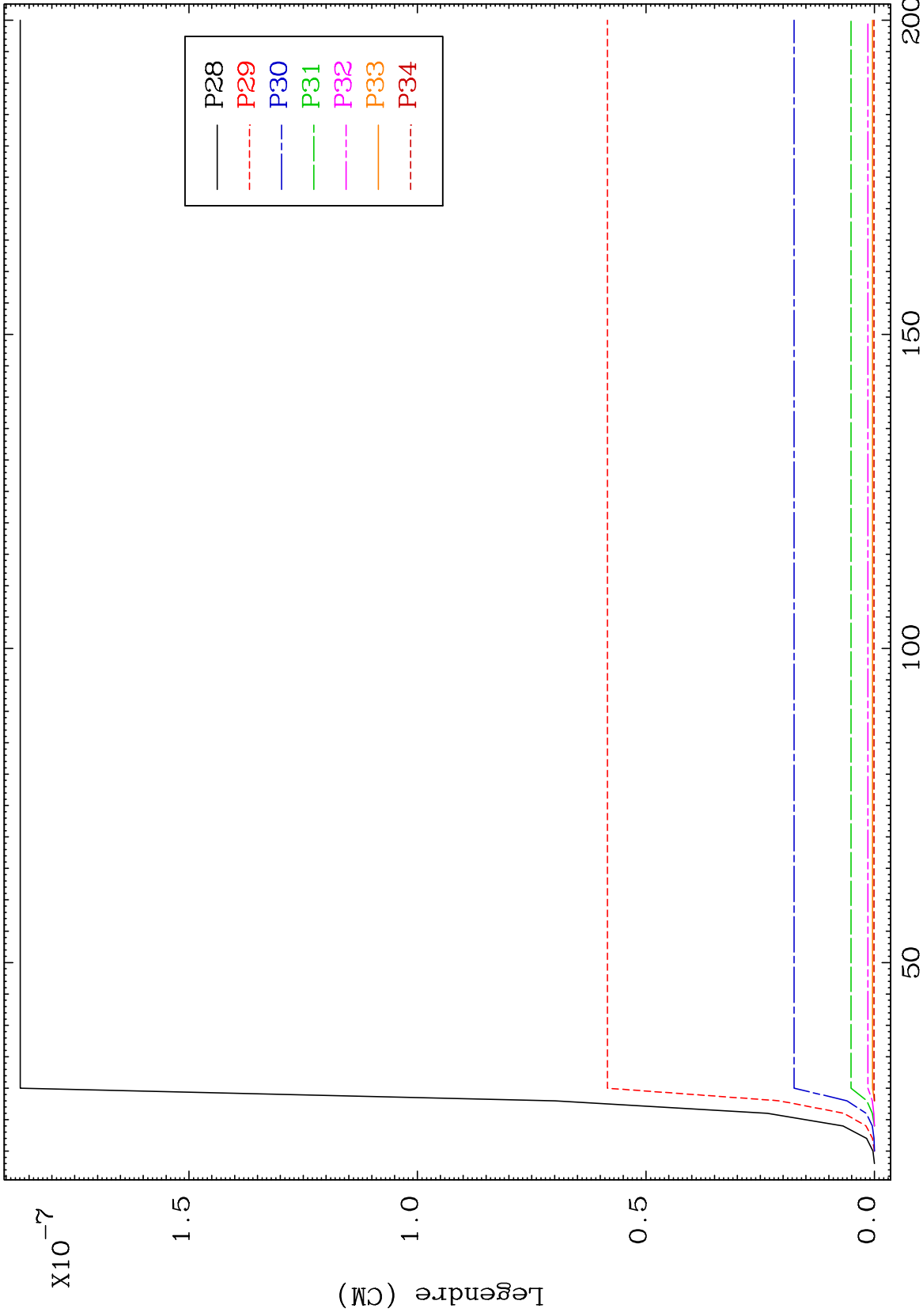
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



21

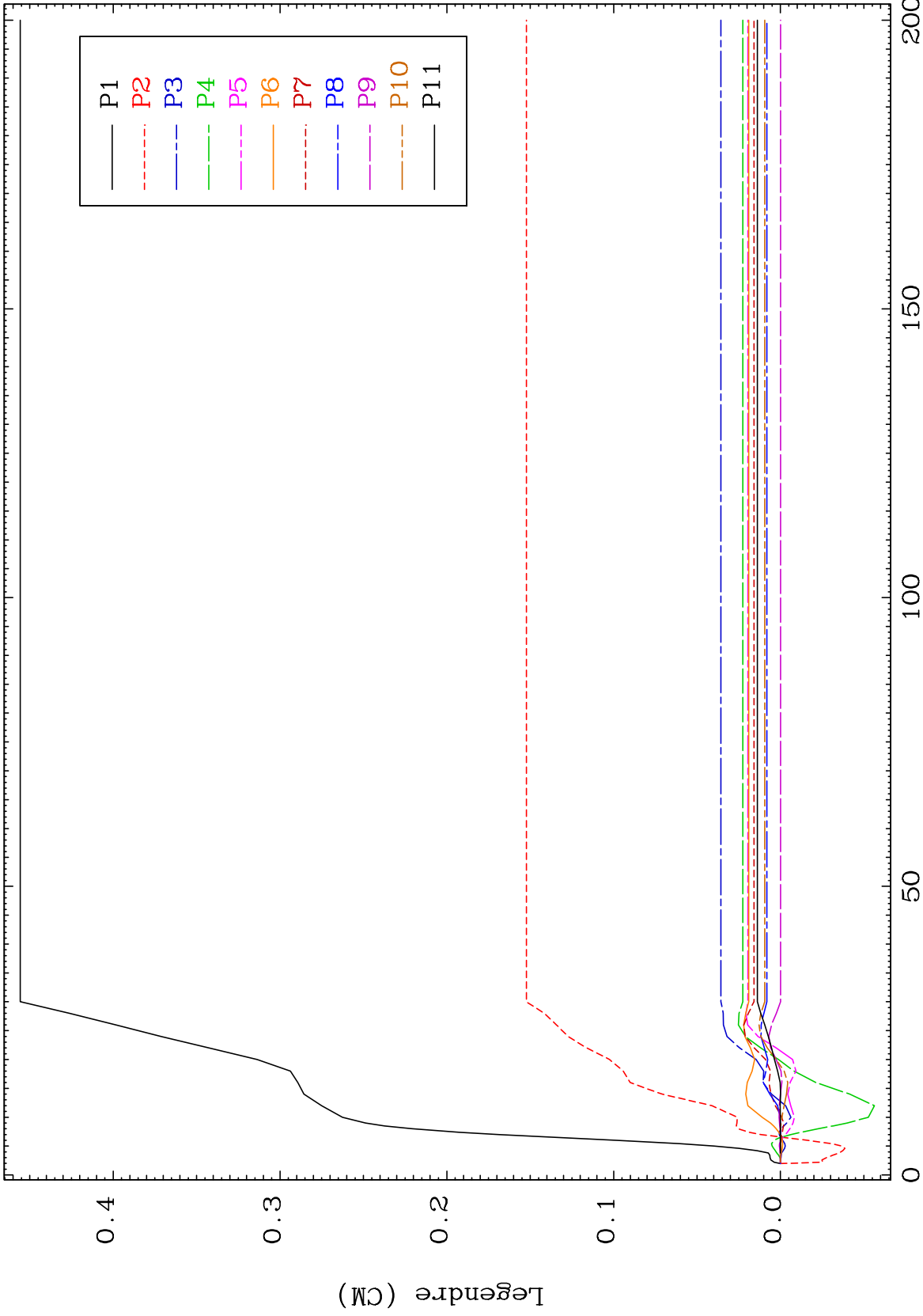
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



22

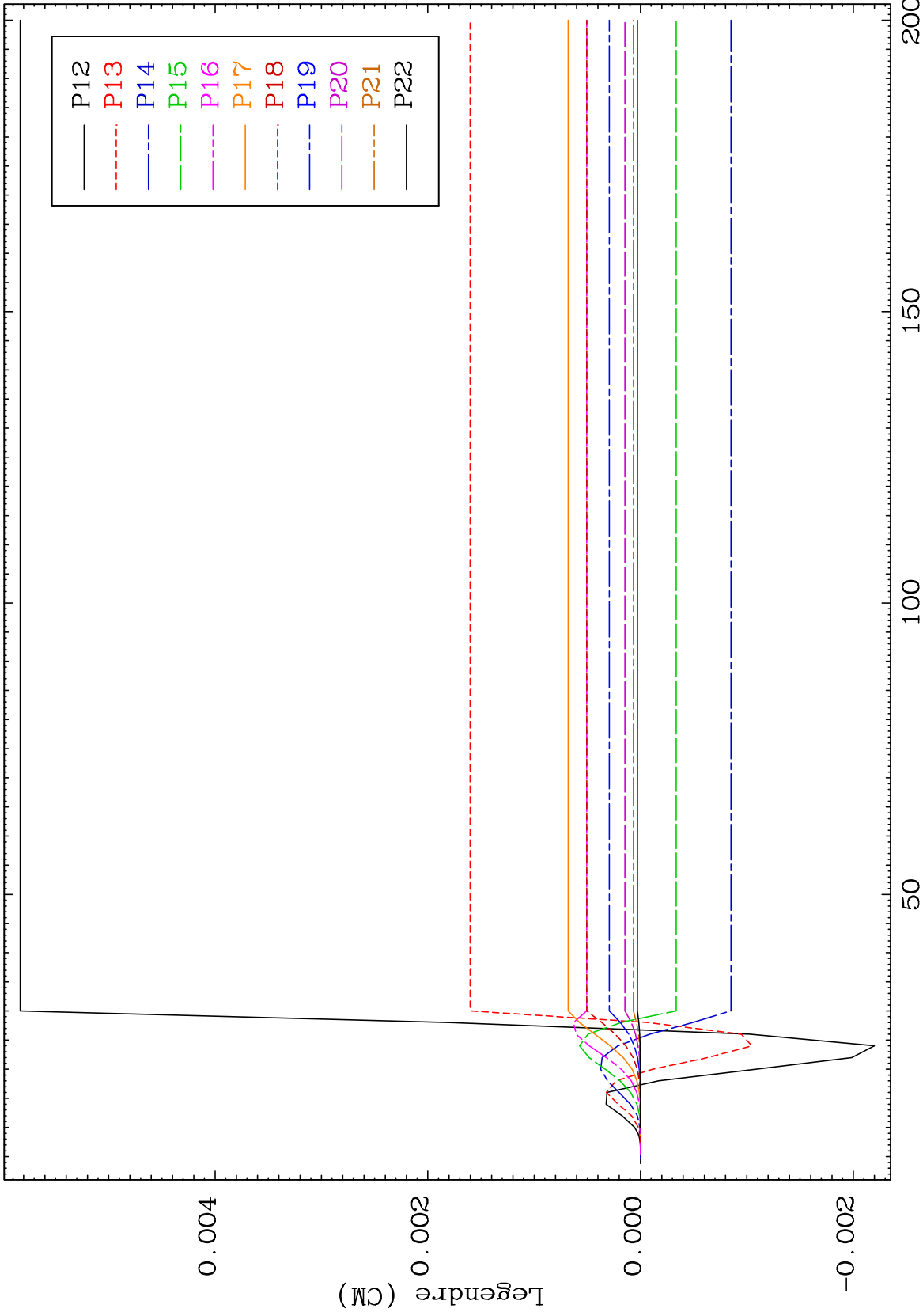
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



23

Incident Energy (MeV)

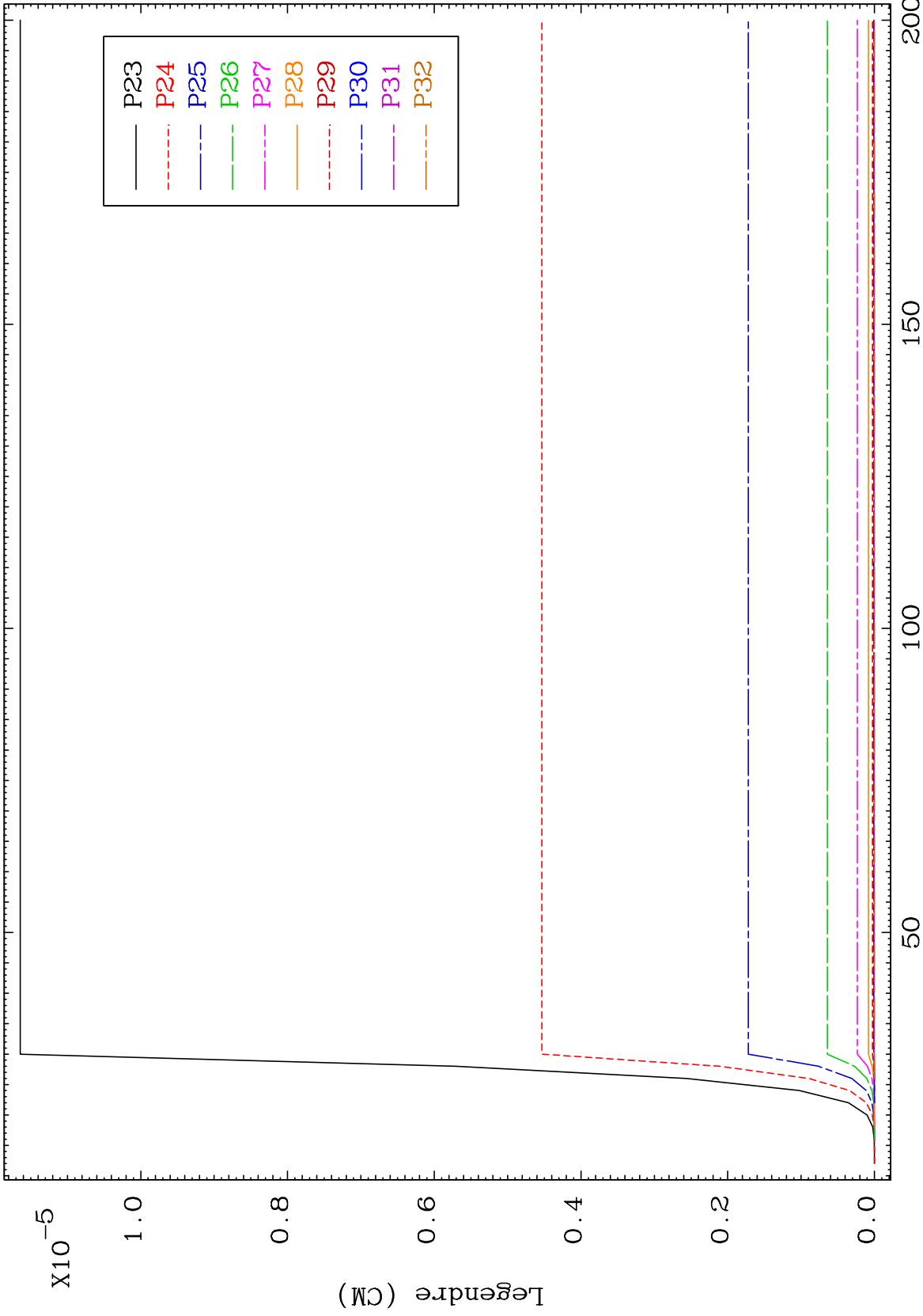
28-Ni-72



MAT 2867

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

28-Ni-72



24

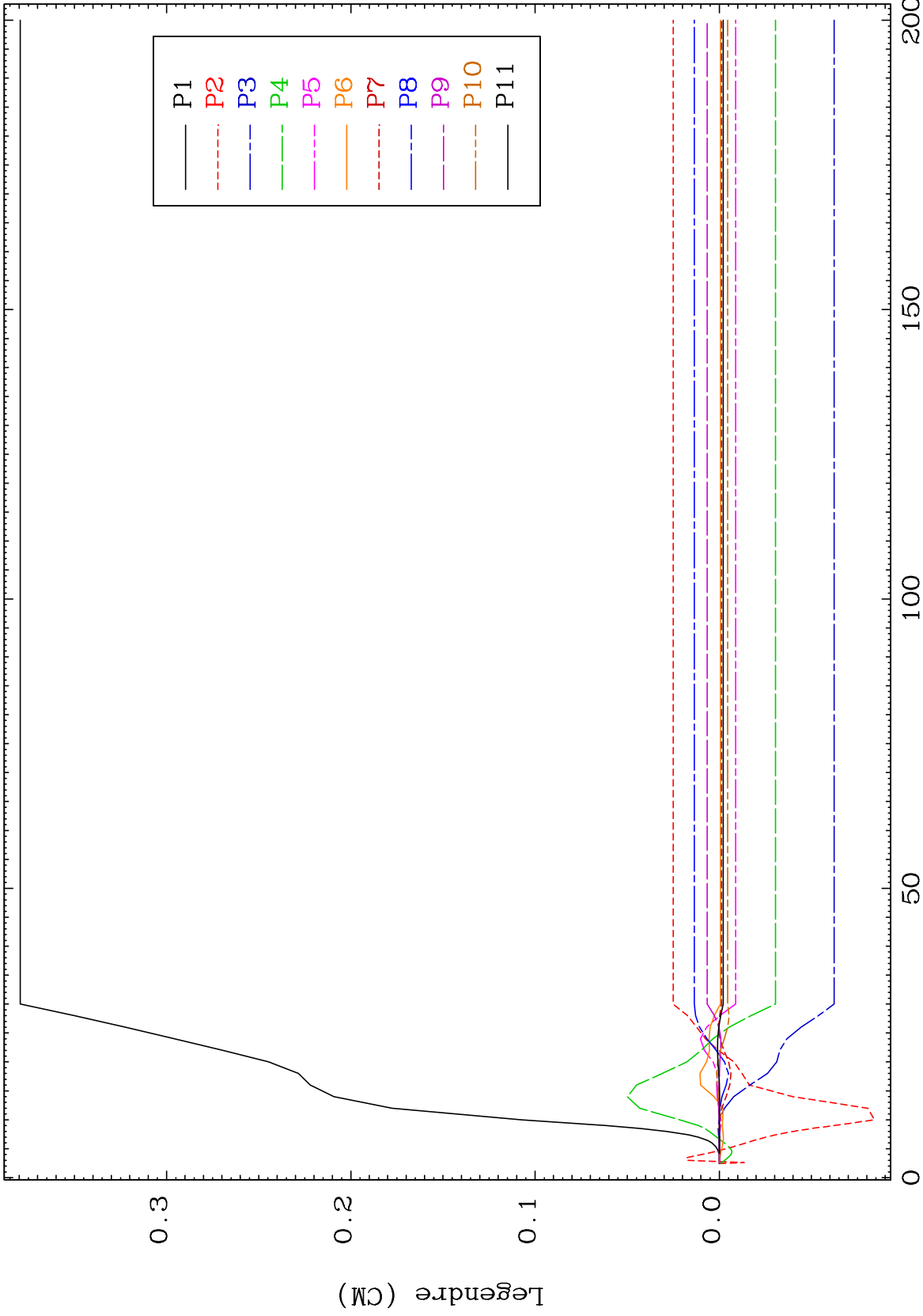
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



25

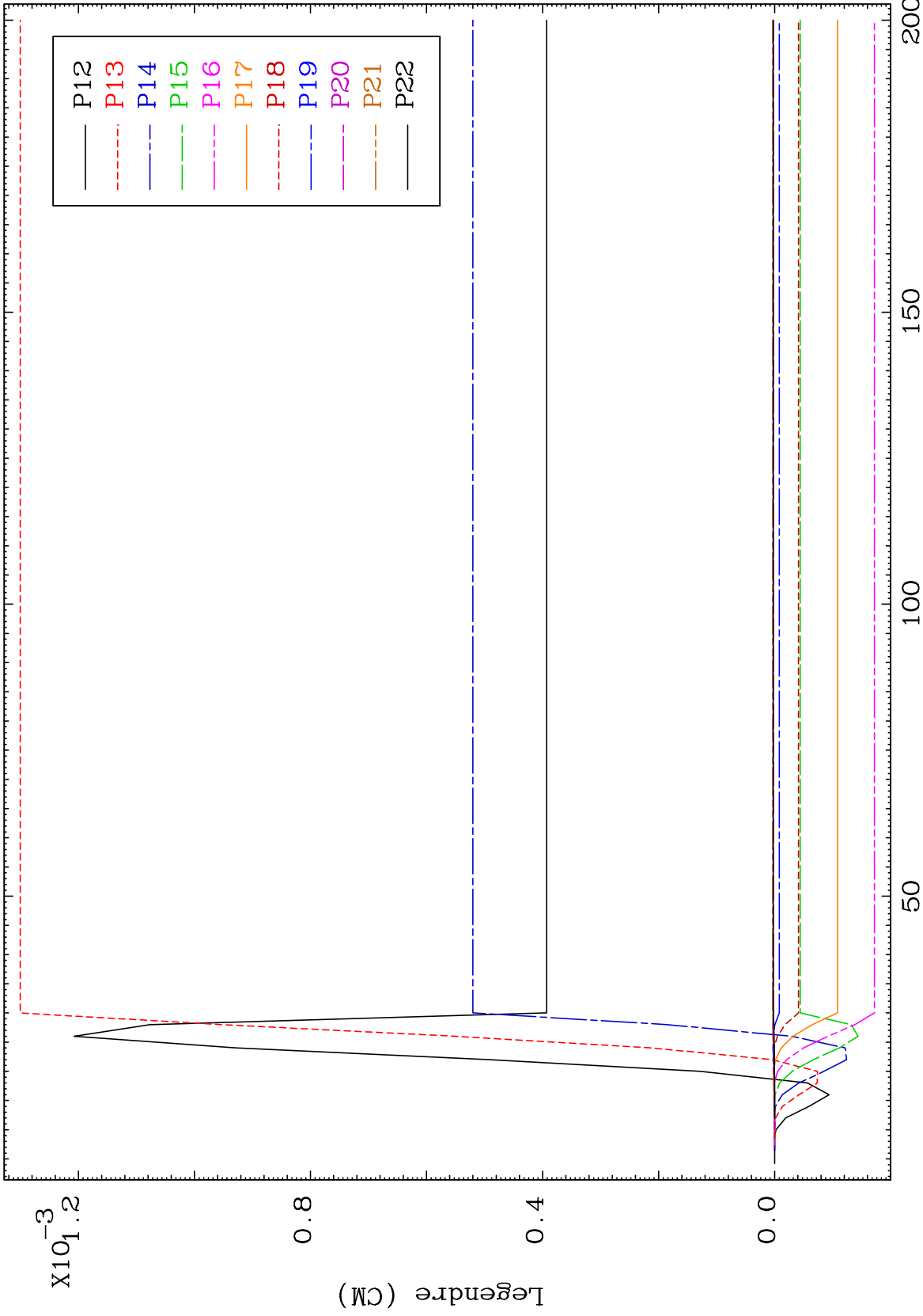
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



26

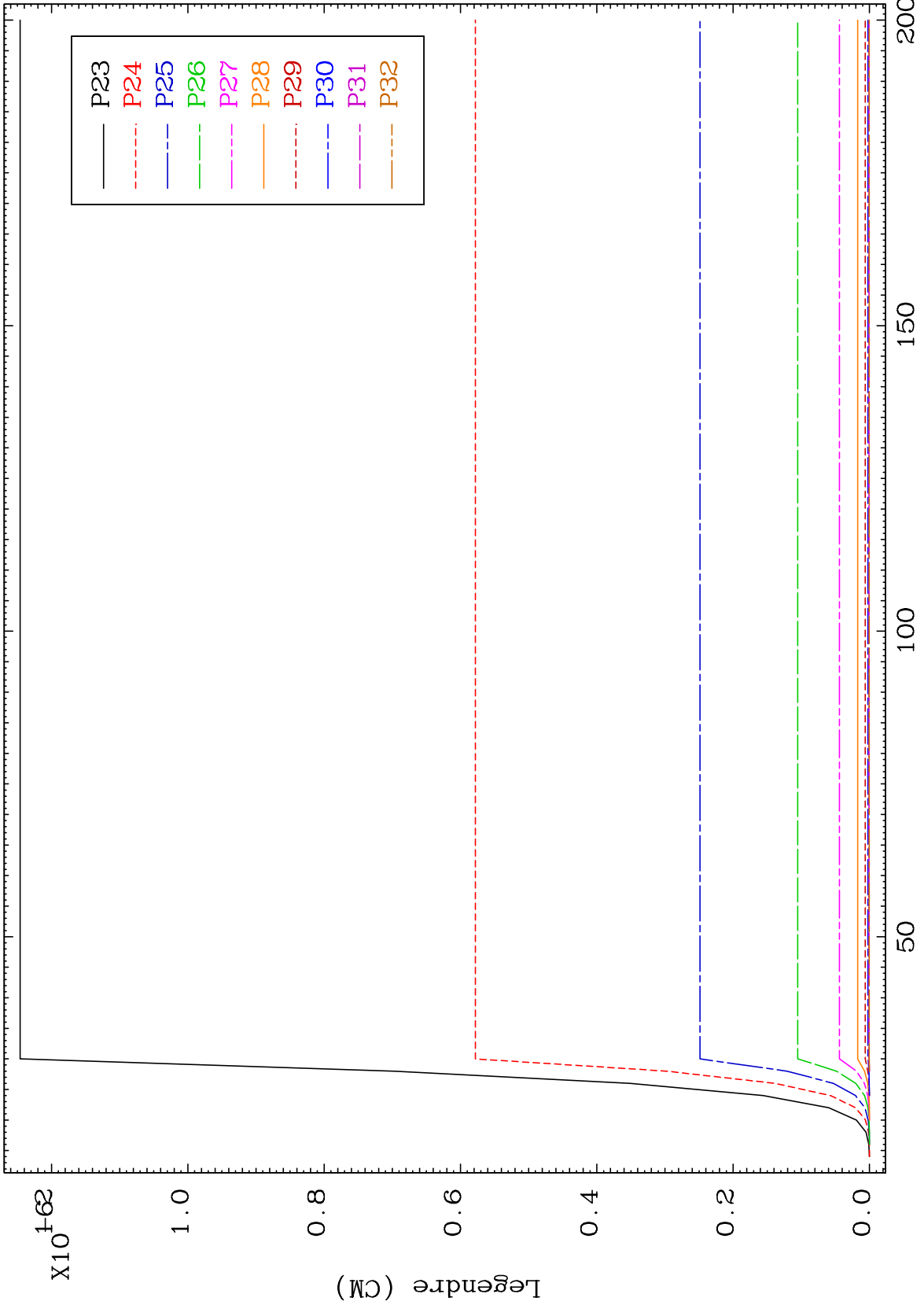
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



27

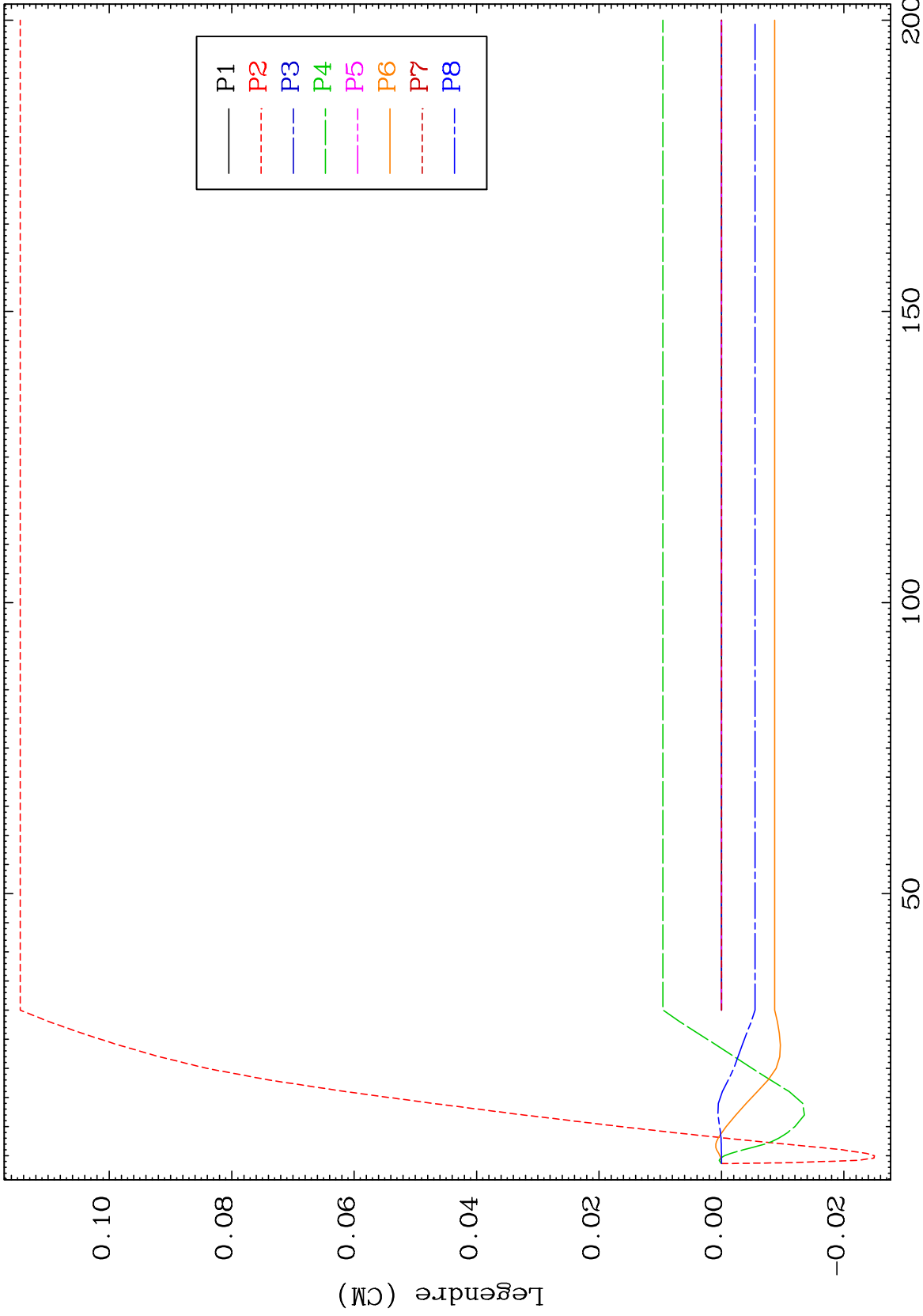
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

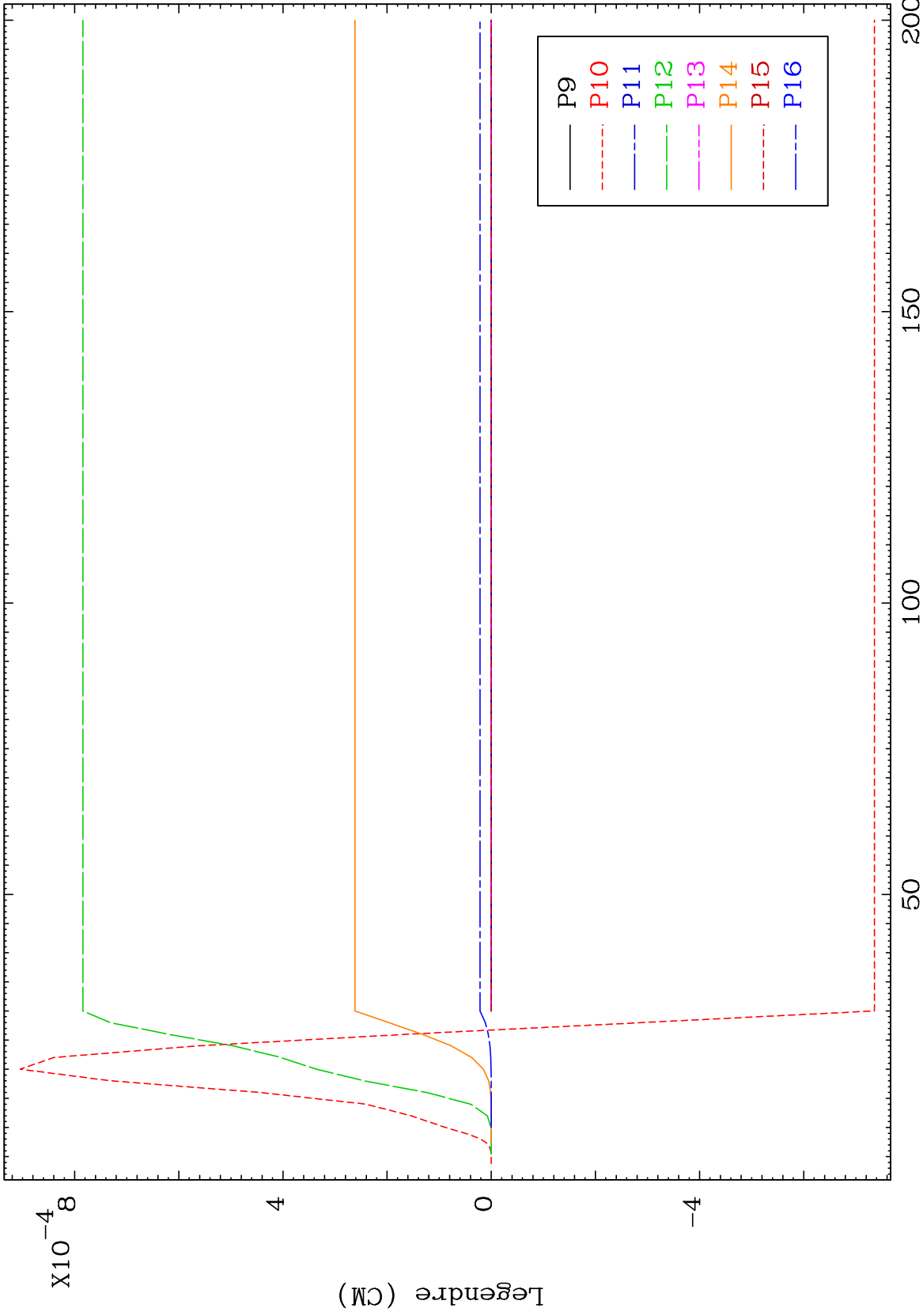
28-Ni-72



MAT 2867

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

28-Ni-72



29

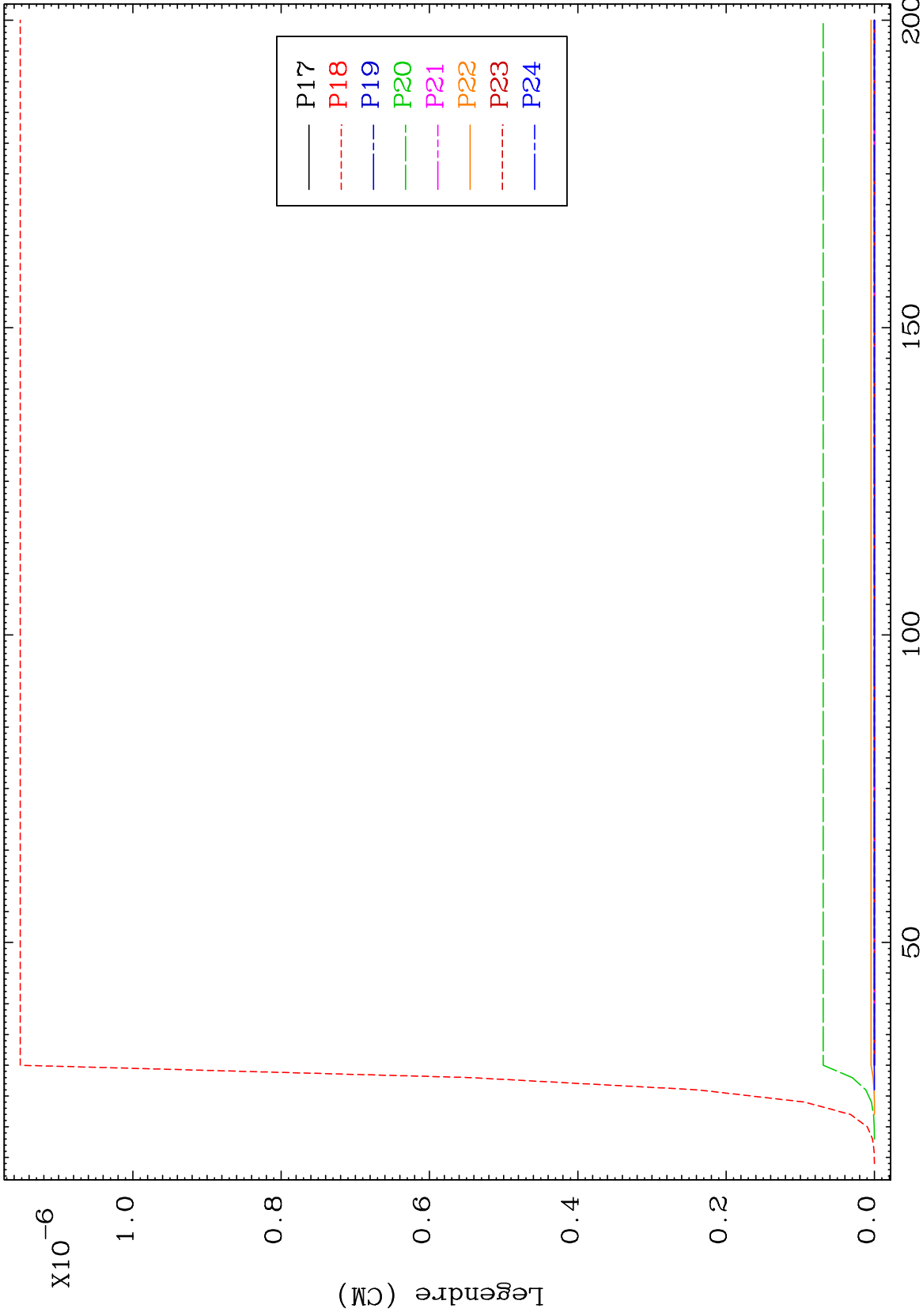
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



30

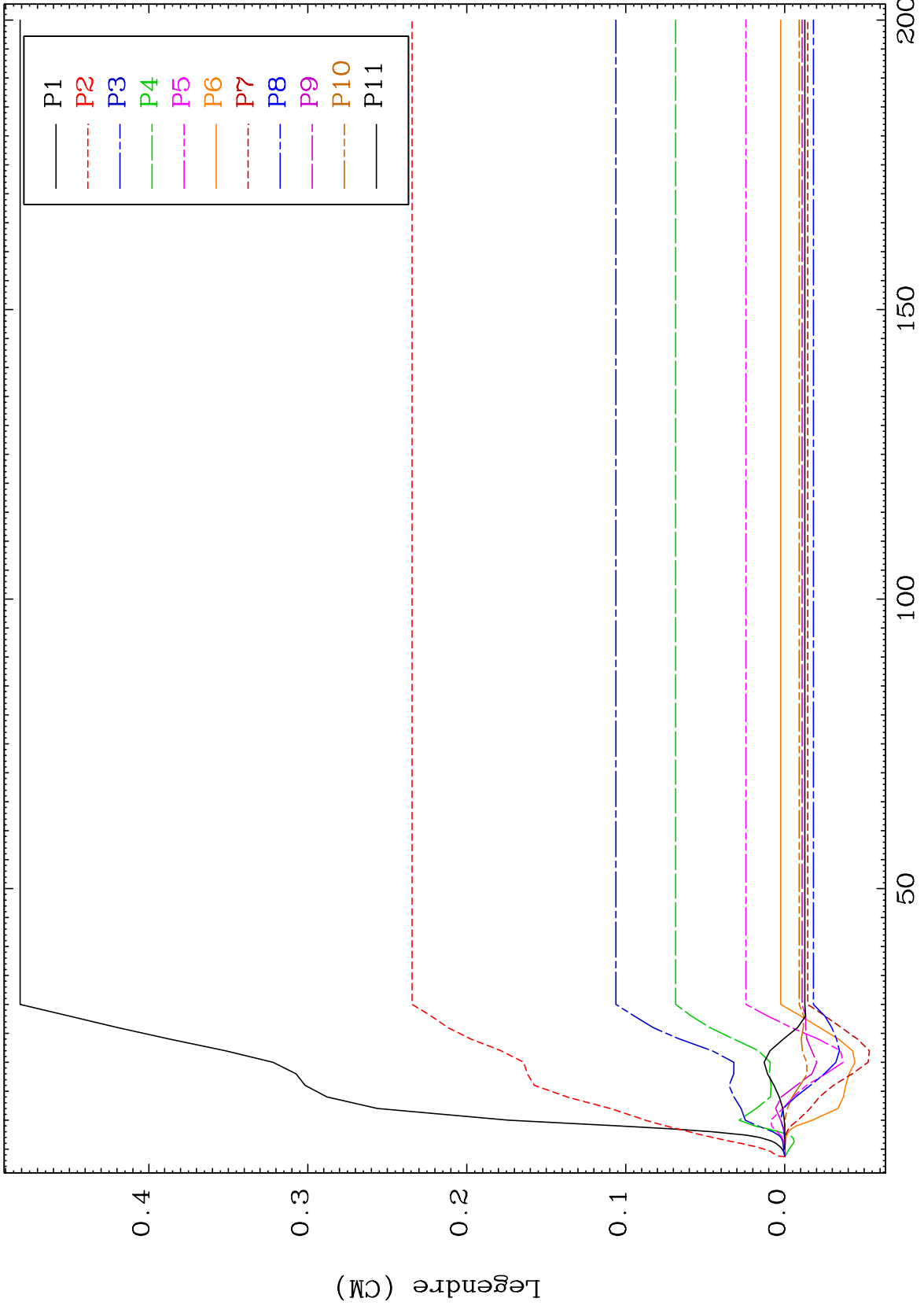
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



31

Incident Energy (MeV)

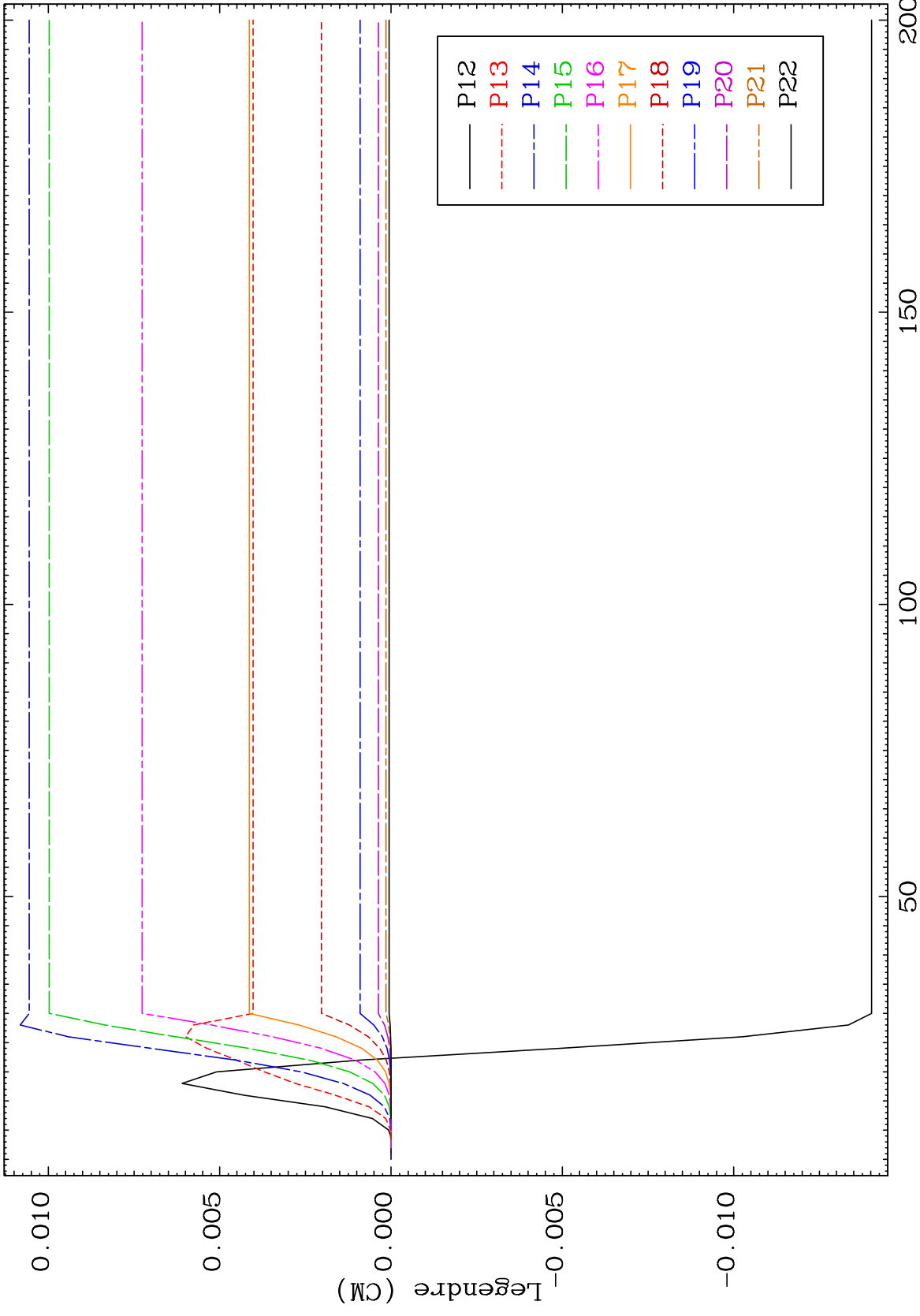
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MAT 2867

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

28-Ni-72



32

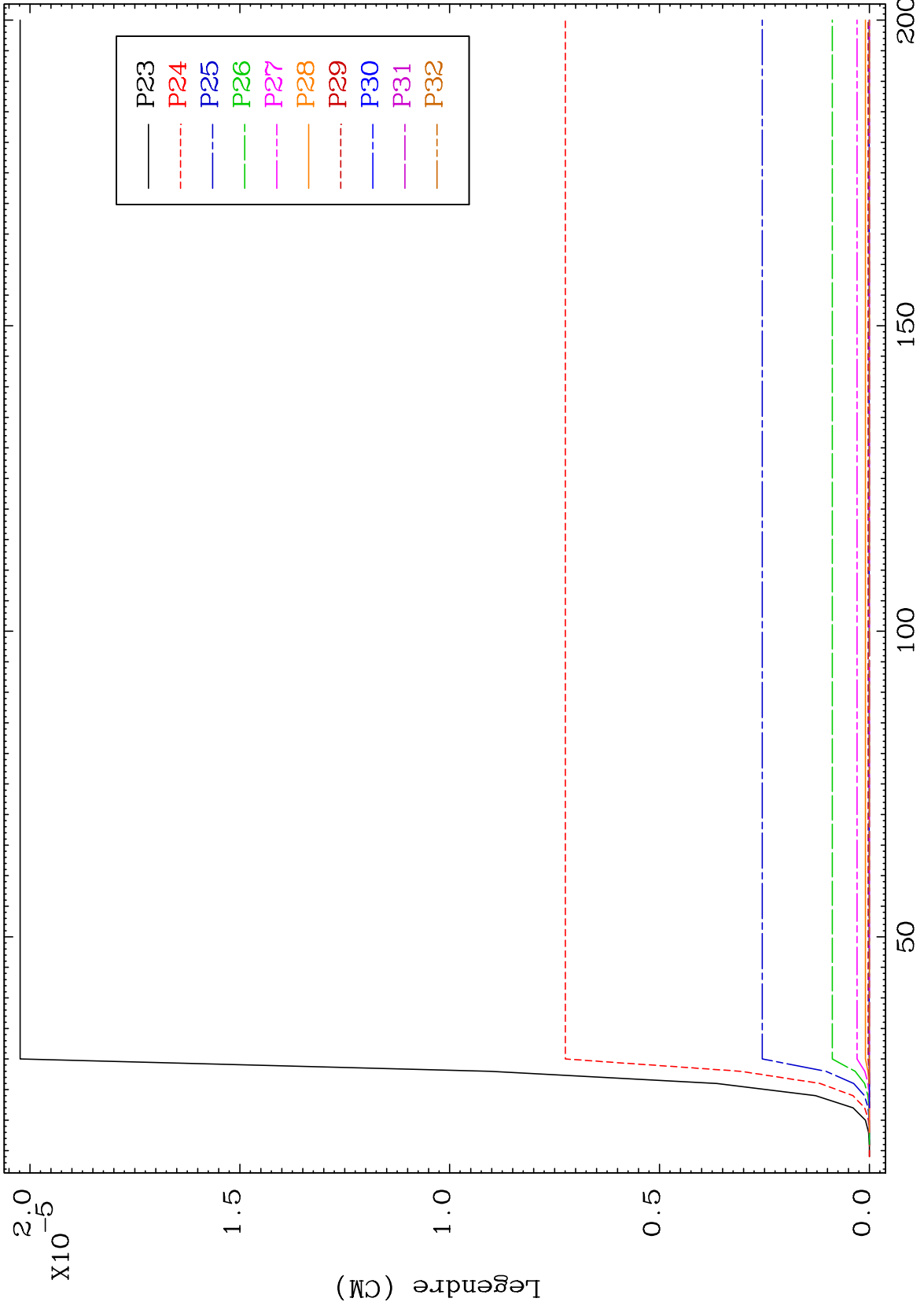
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



33

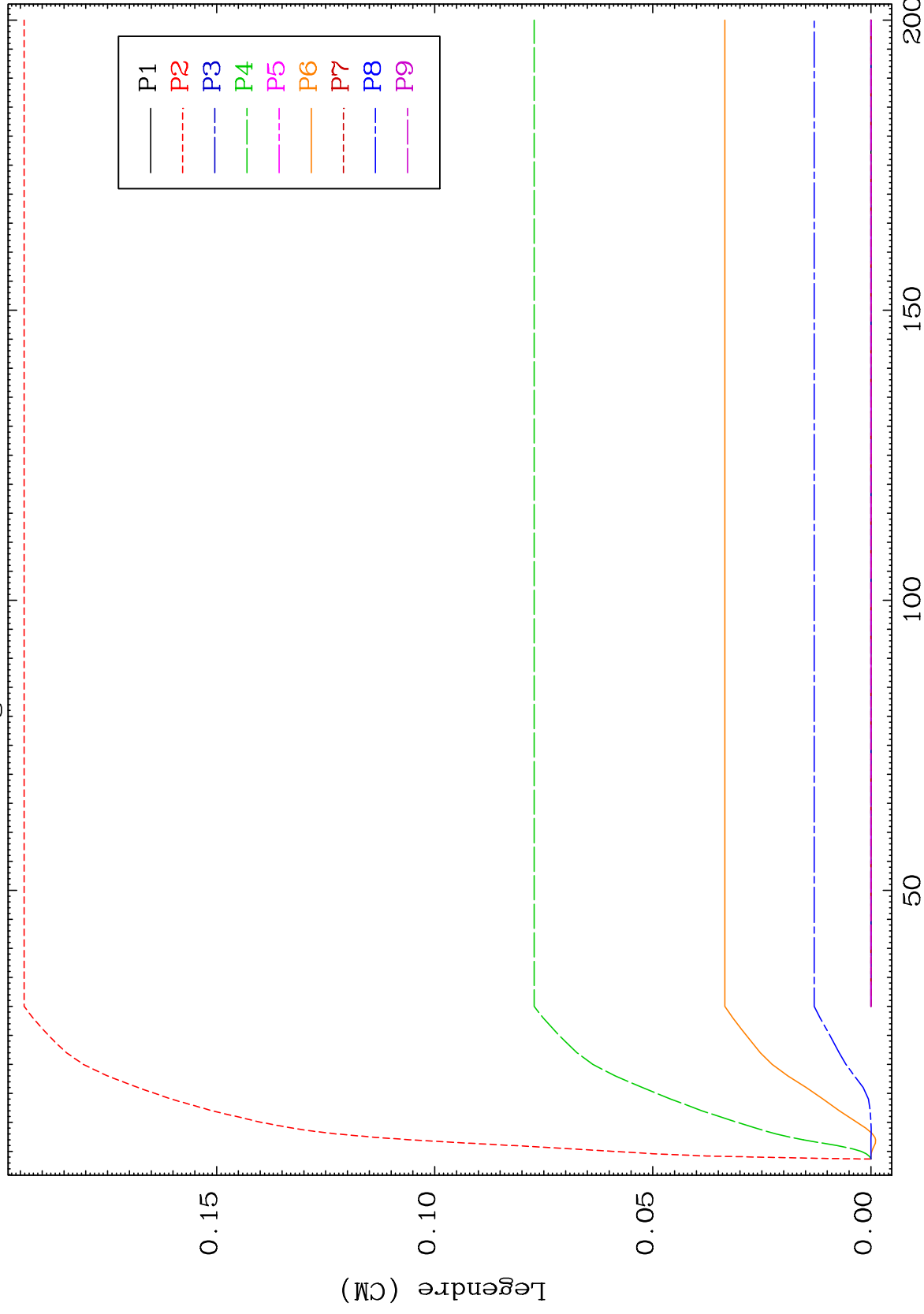
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



34

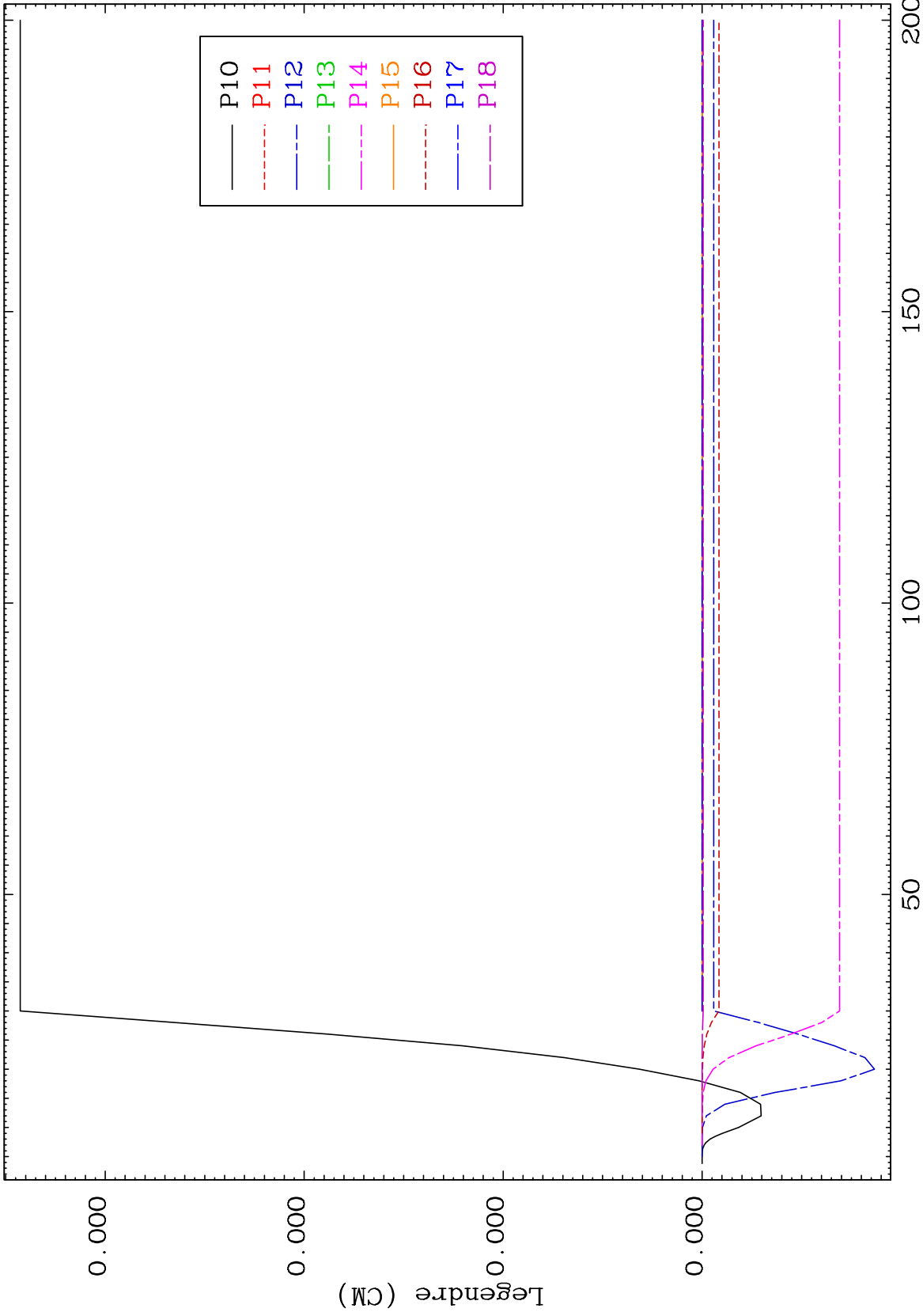
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

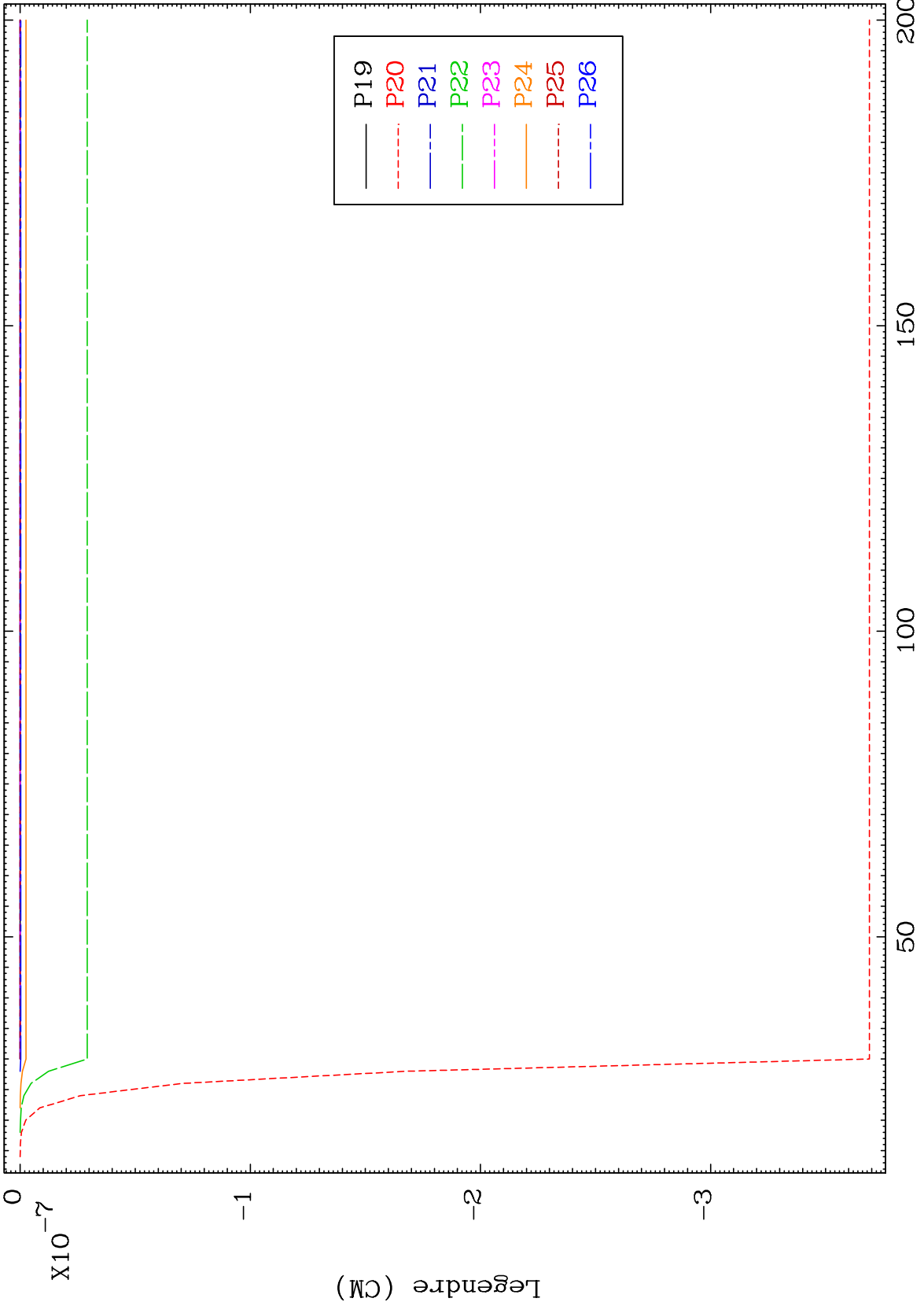


35

Incident Energy (MeV)

28-Ni-72

MAT 2867 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-72

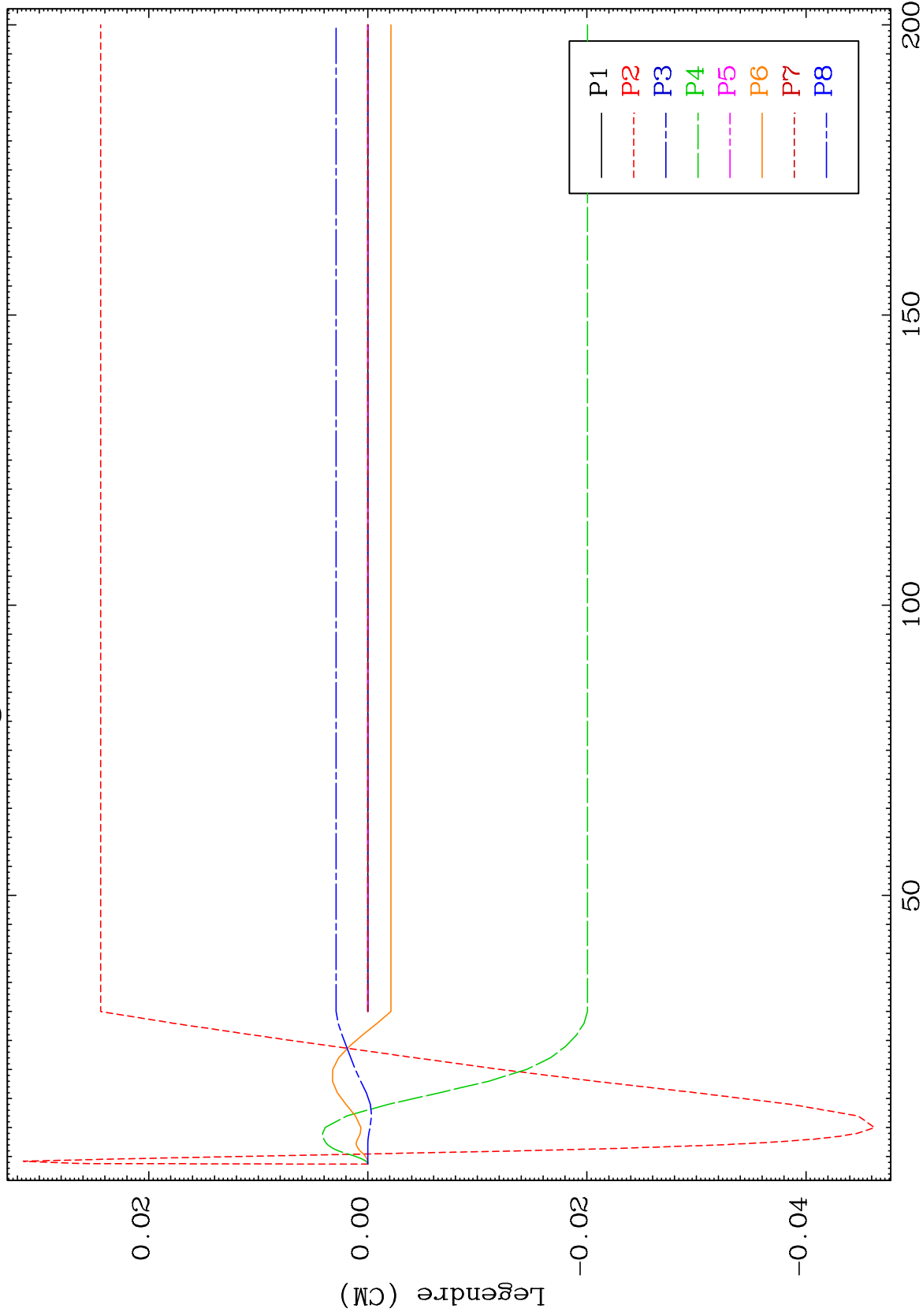


36 28-Ni-72

MAT 2867

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

28-Ni-72



37

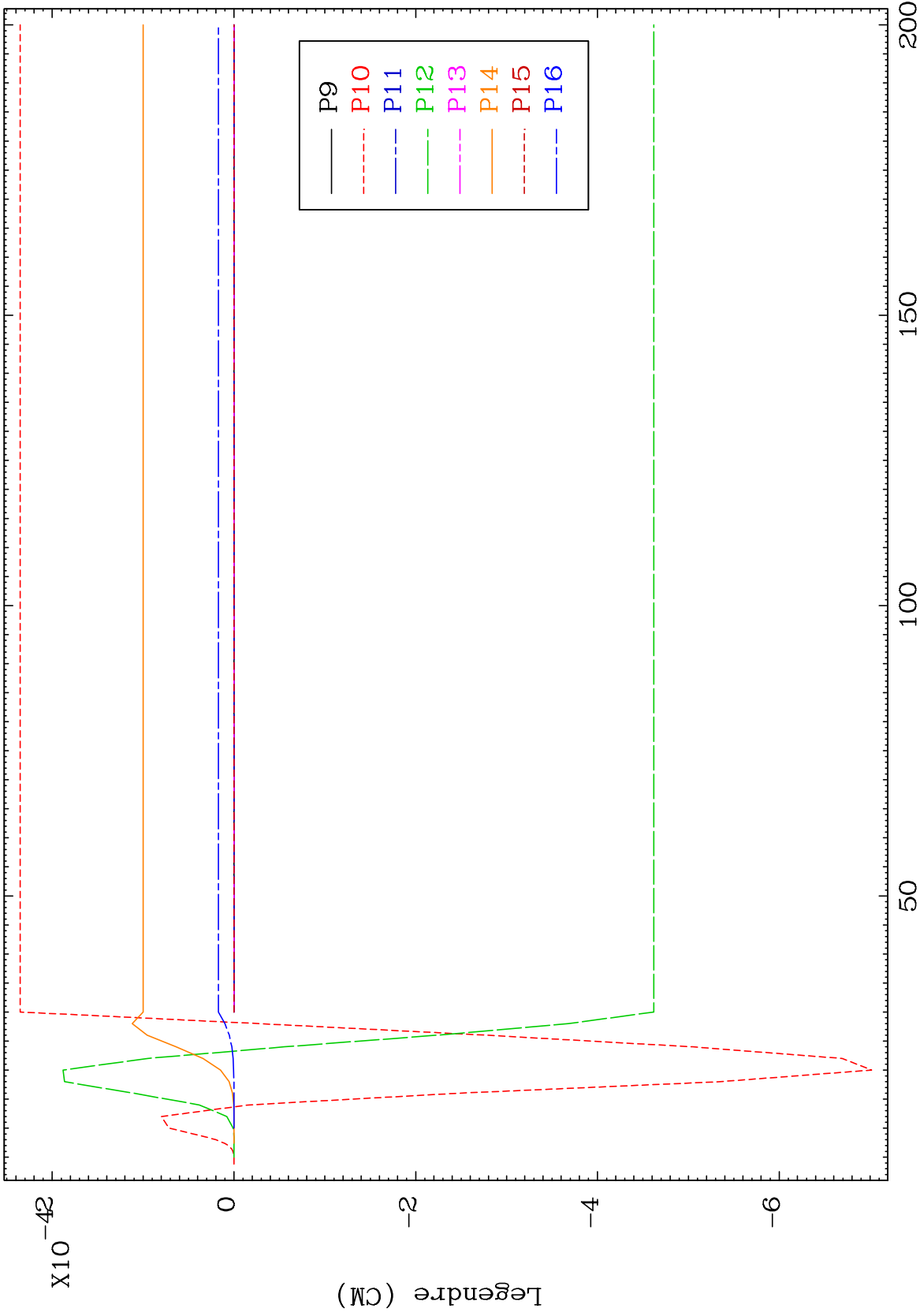
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

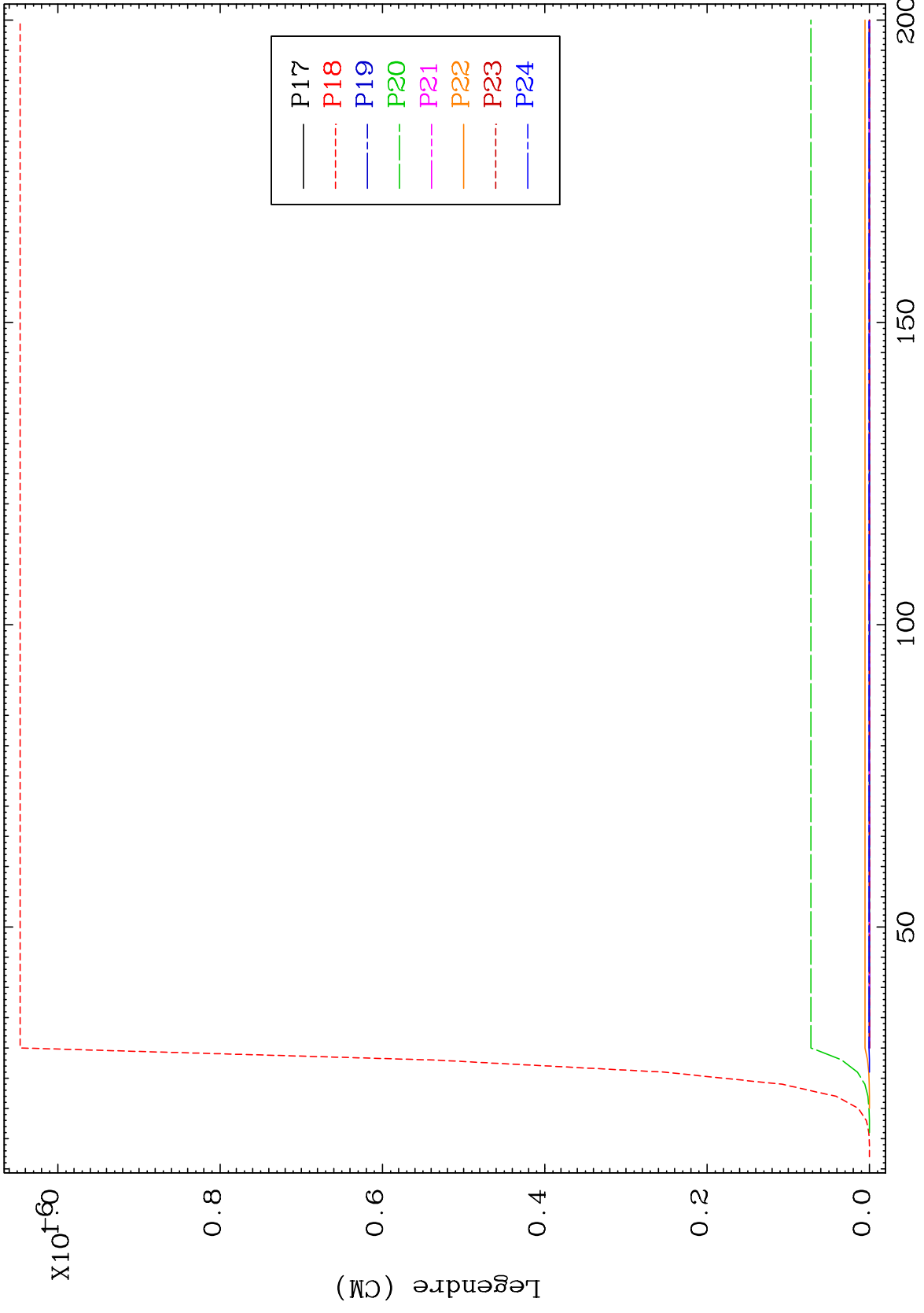


38

Incident Energy (MeV)

28-Ni-72

MAT 2867 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-72



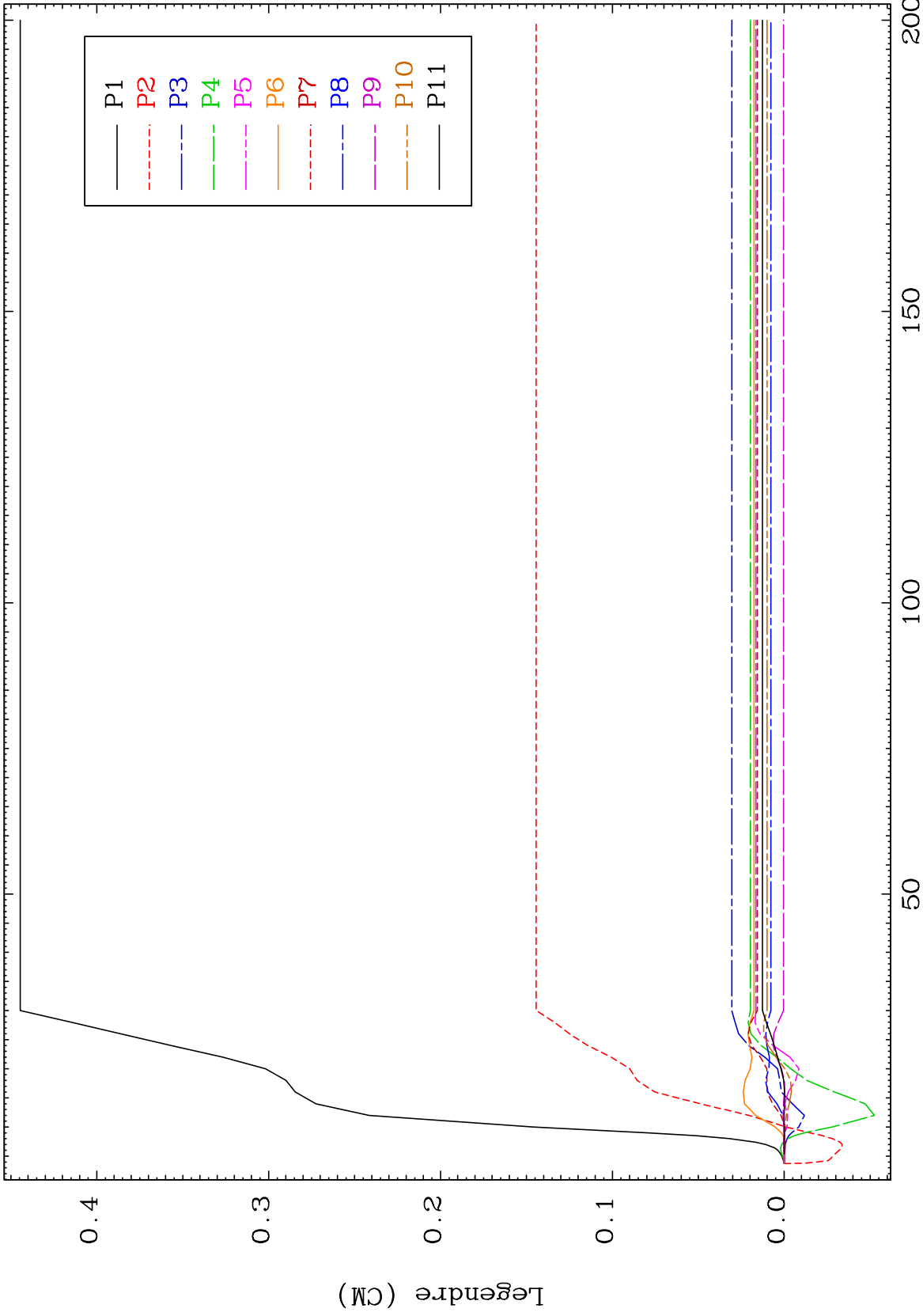
39 50 100 150 200 28-Ni-72



MAT 2867

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

28-Ni-72



40

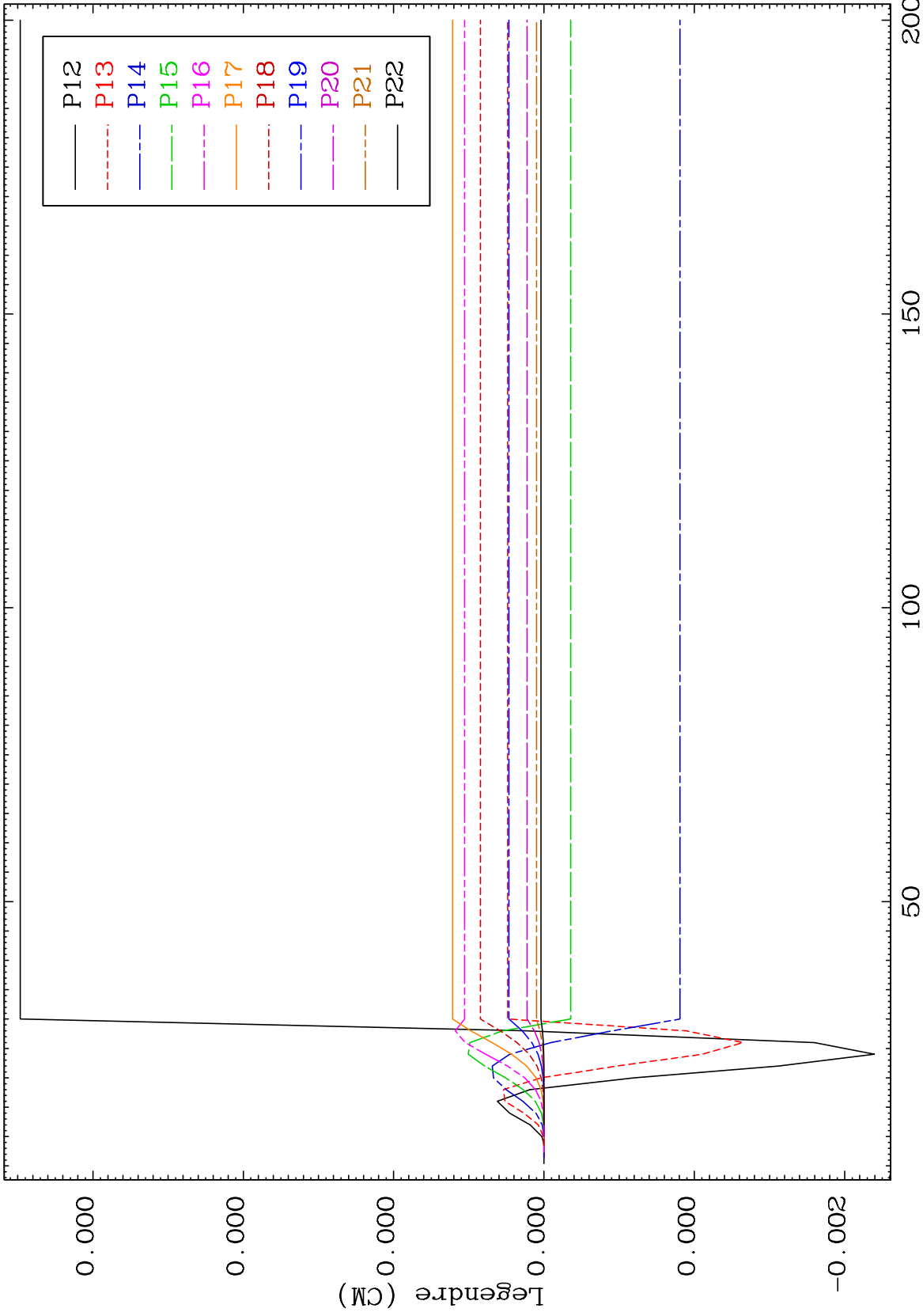
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



41

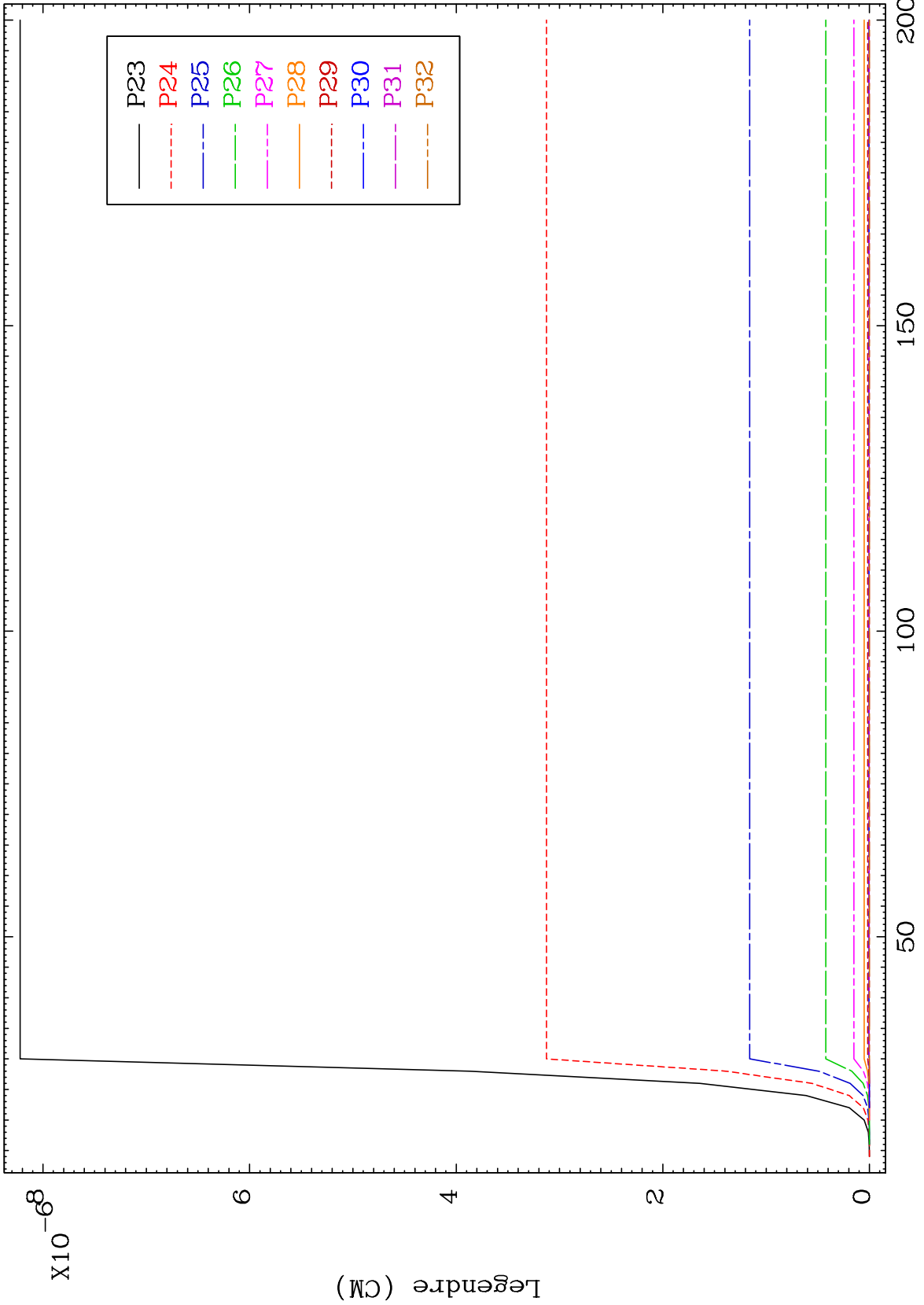
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



42

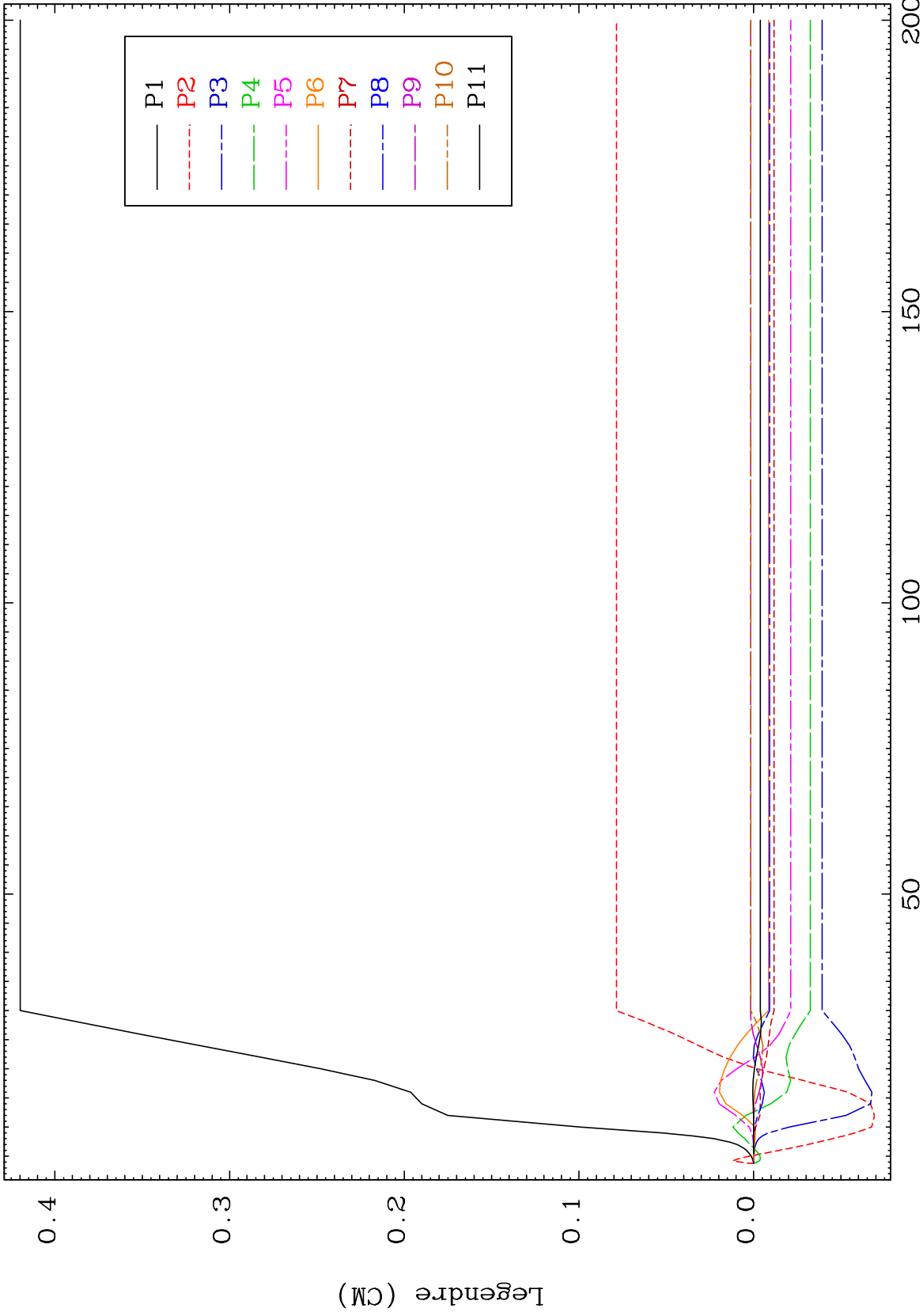
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



43

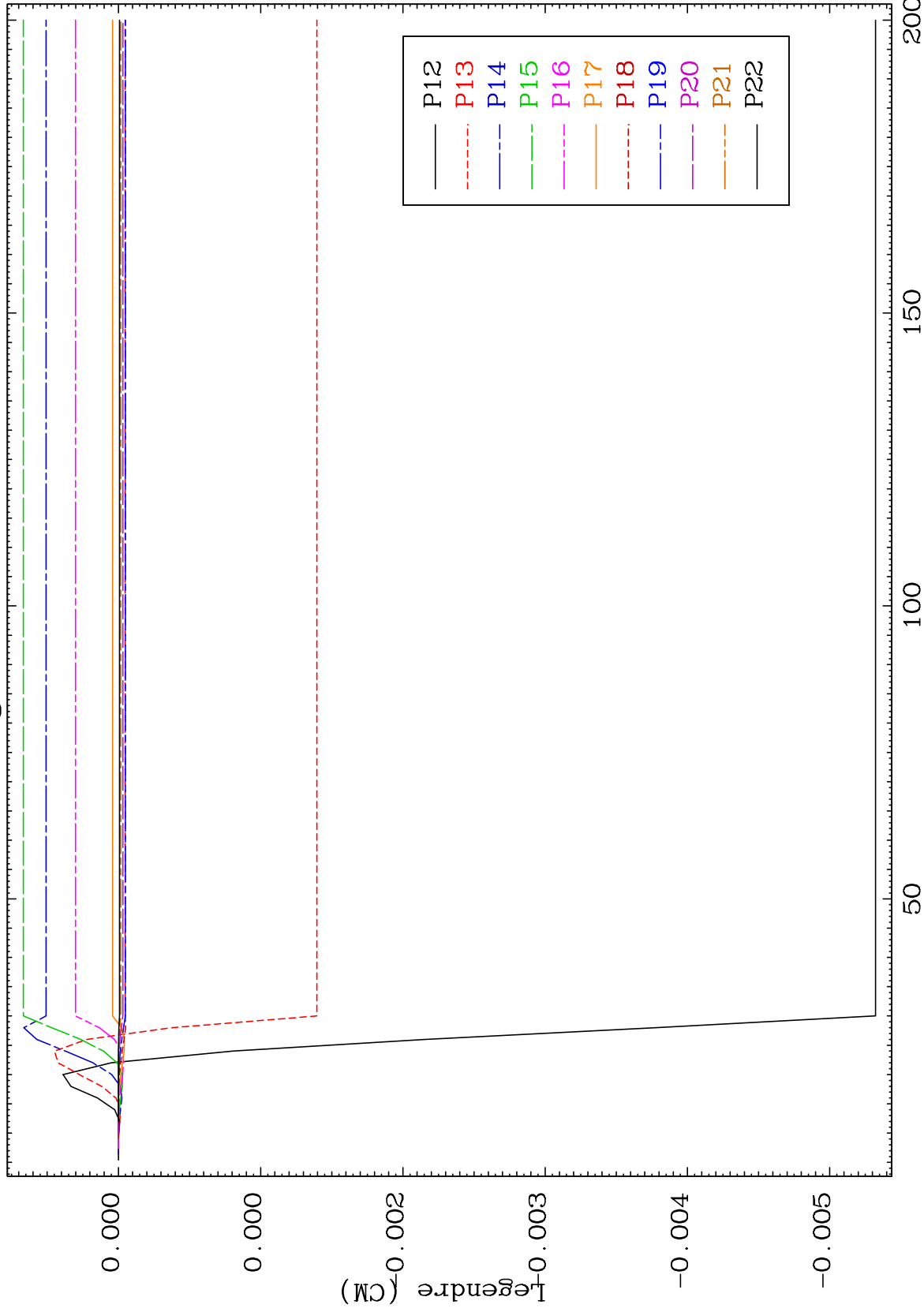
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



44

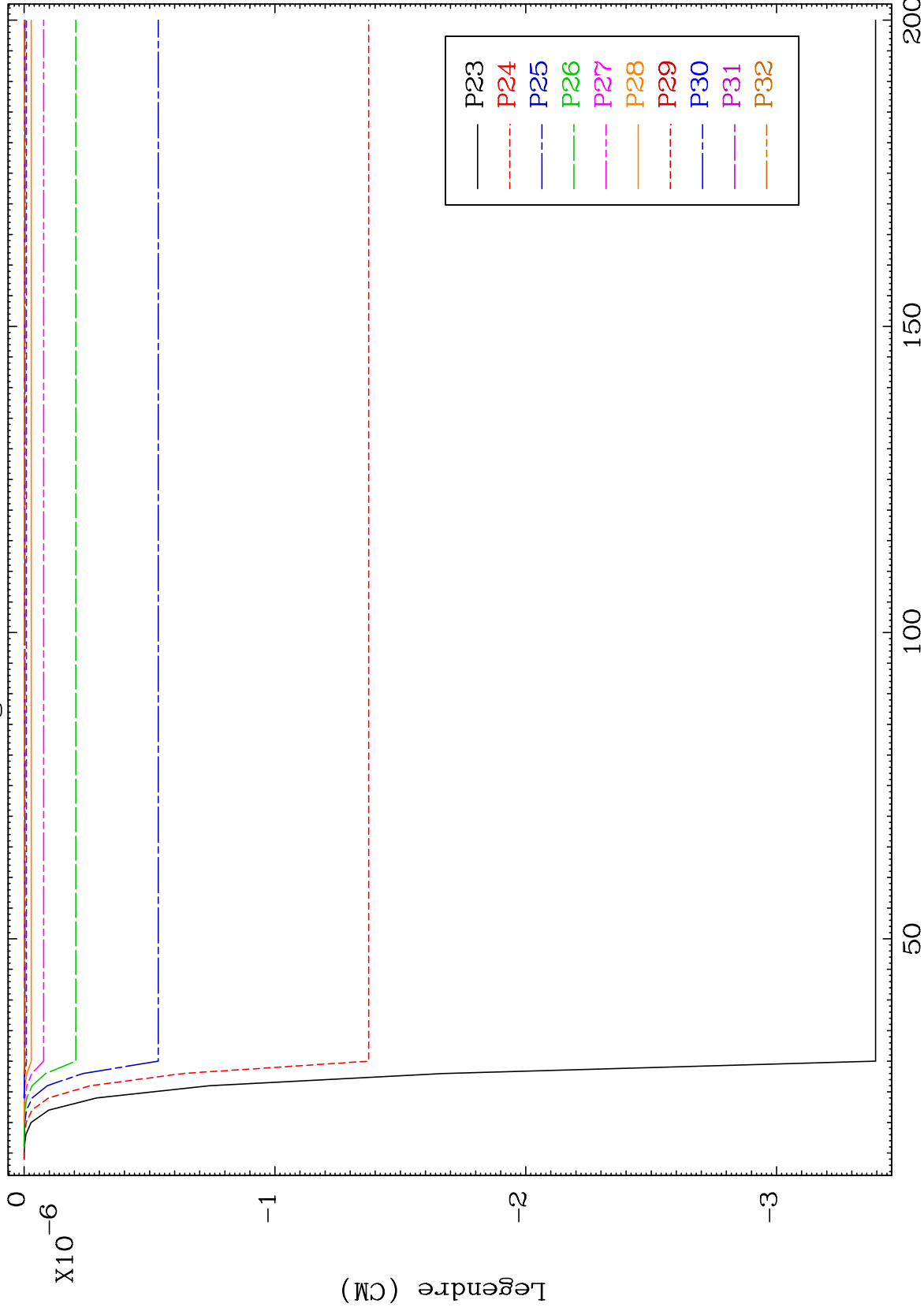
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

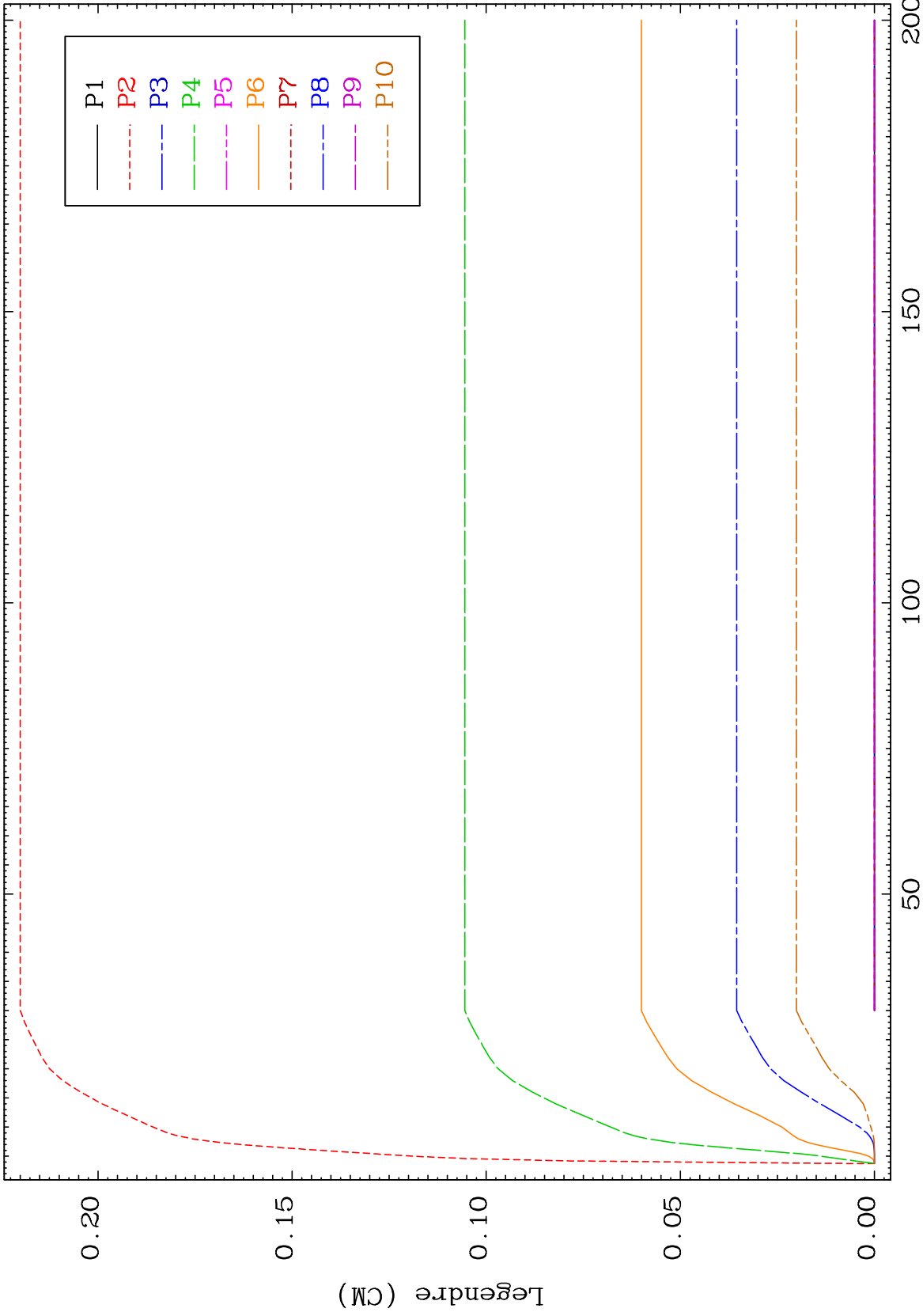
Incident Energy (MeV)

45

MAT 2867

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

28-Ni-72



46

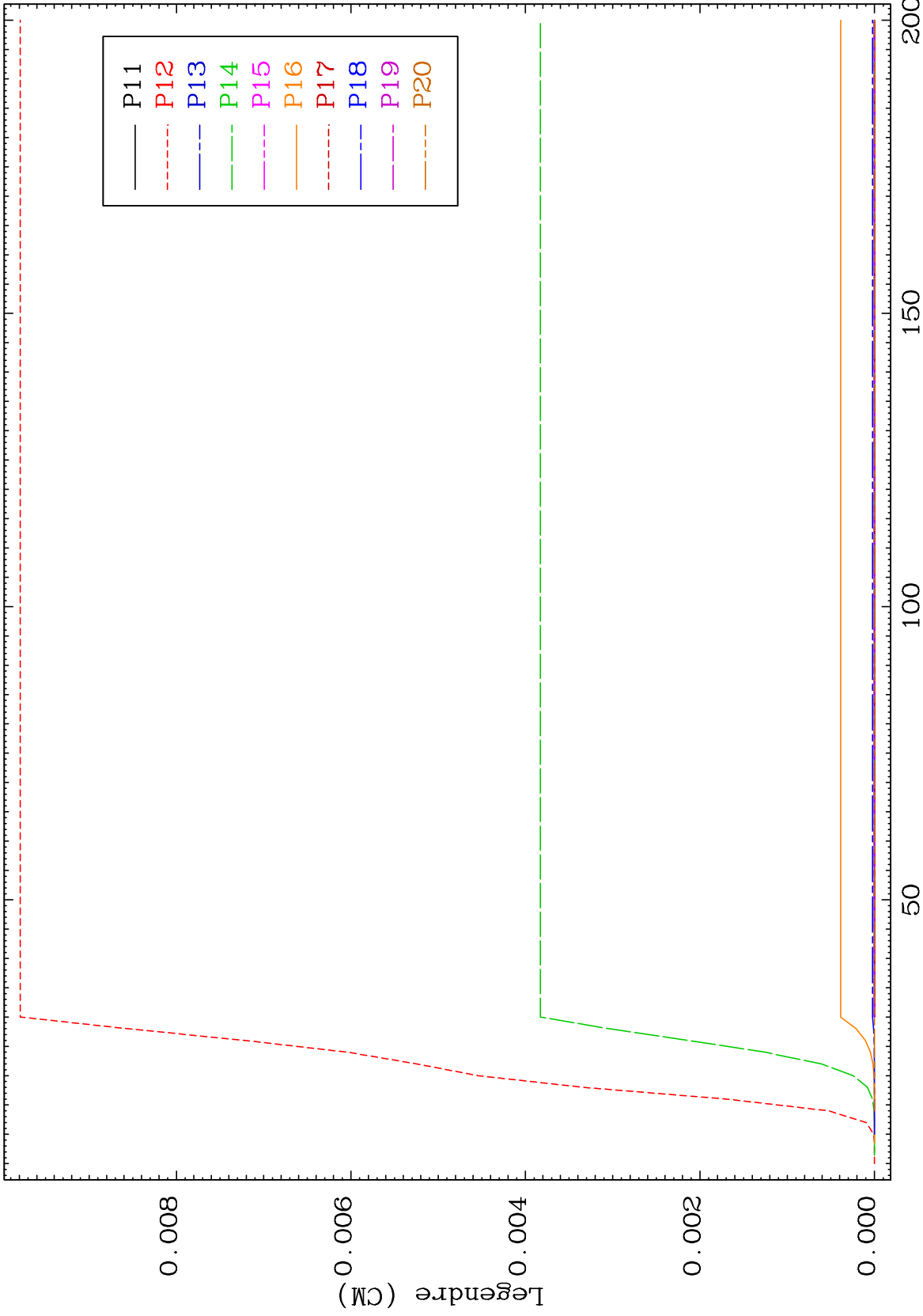
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



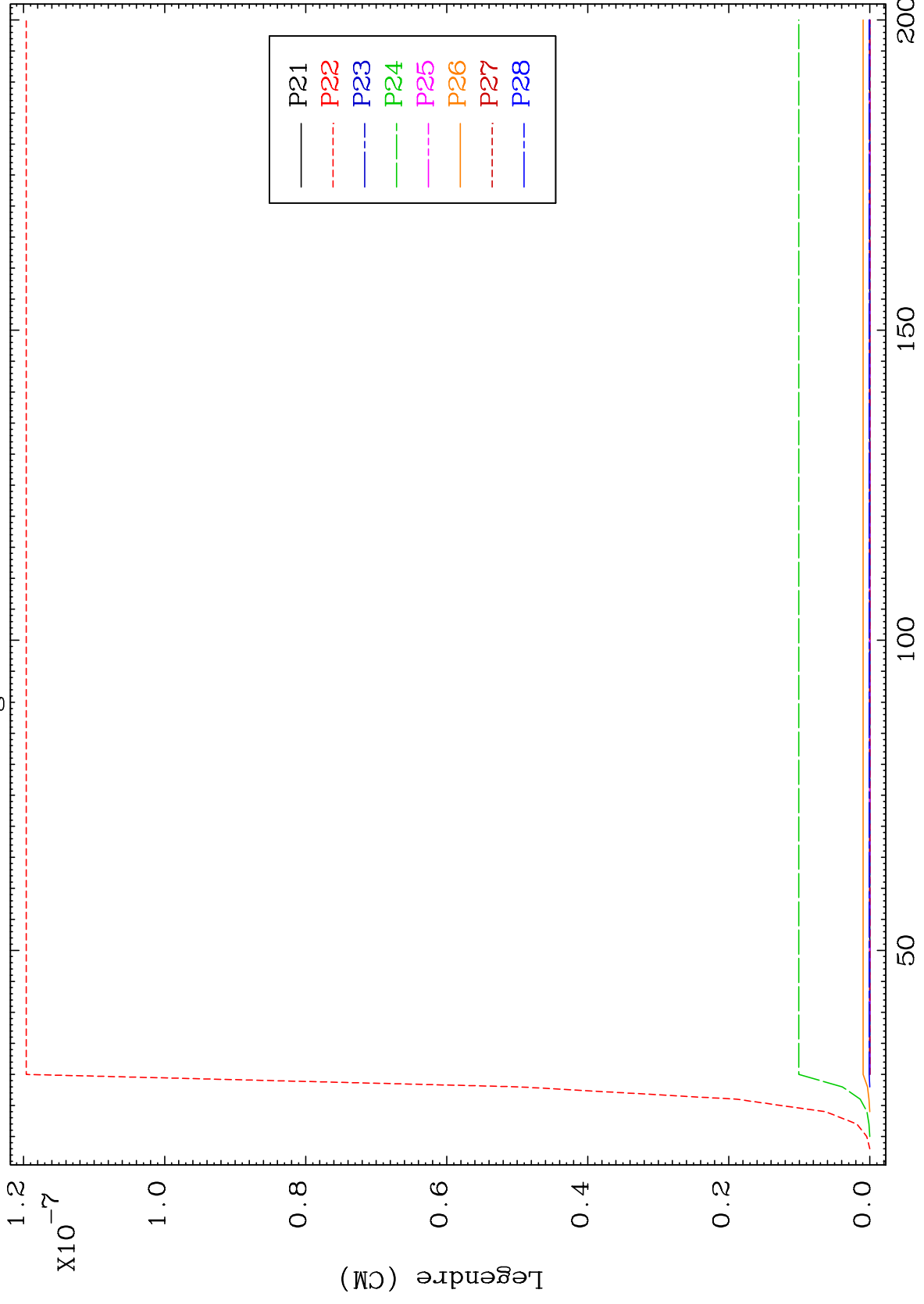
47

Incident Energy (MeV)

28-Ni-72



MAT 2867 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-72

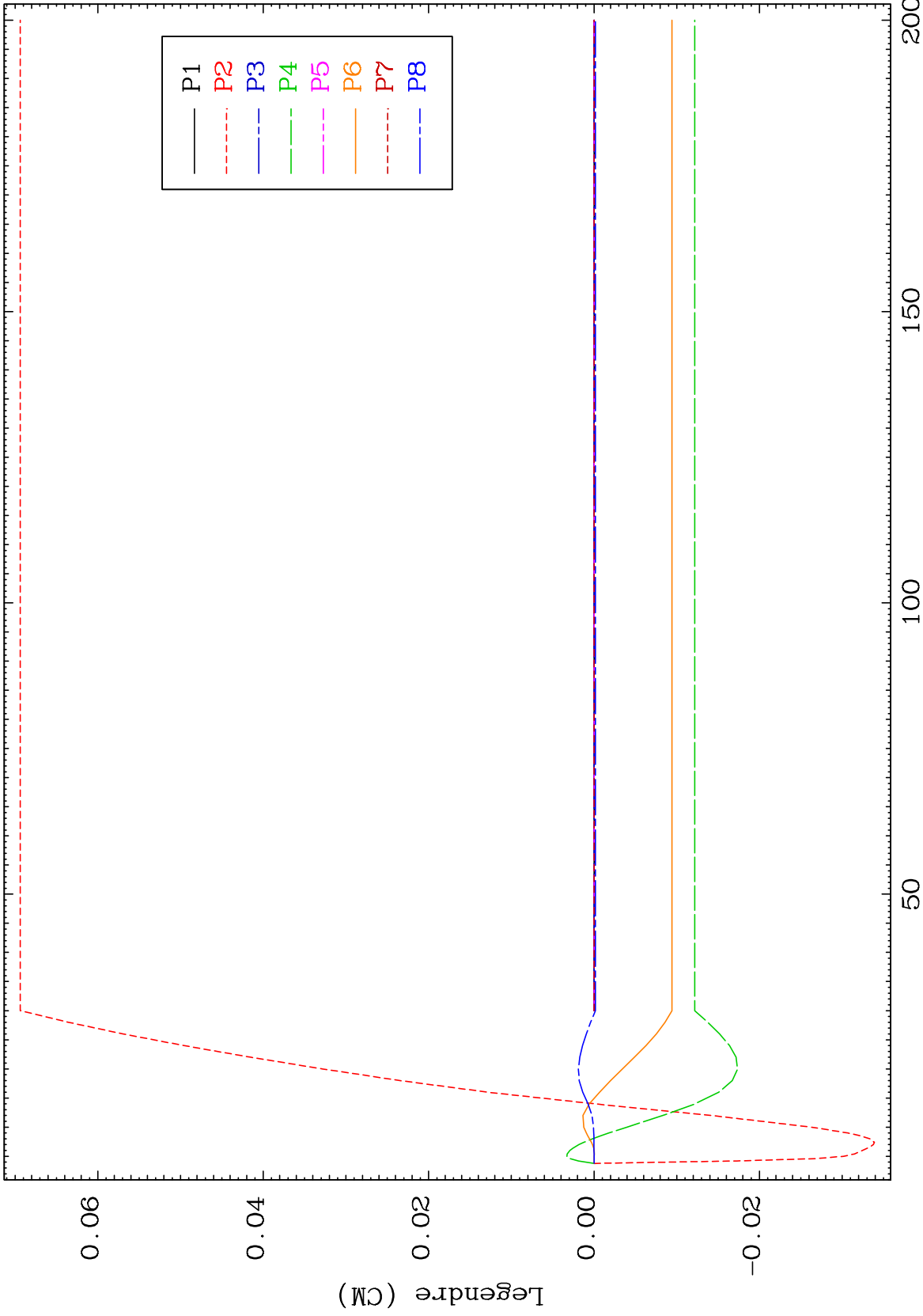


48 Incident Energy (MeV) 28-Ni-72

MAT 2867

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

28-Ni-72



49

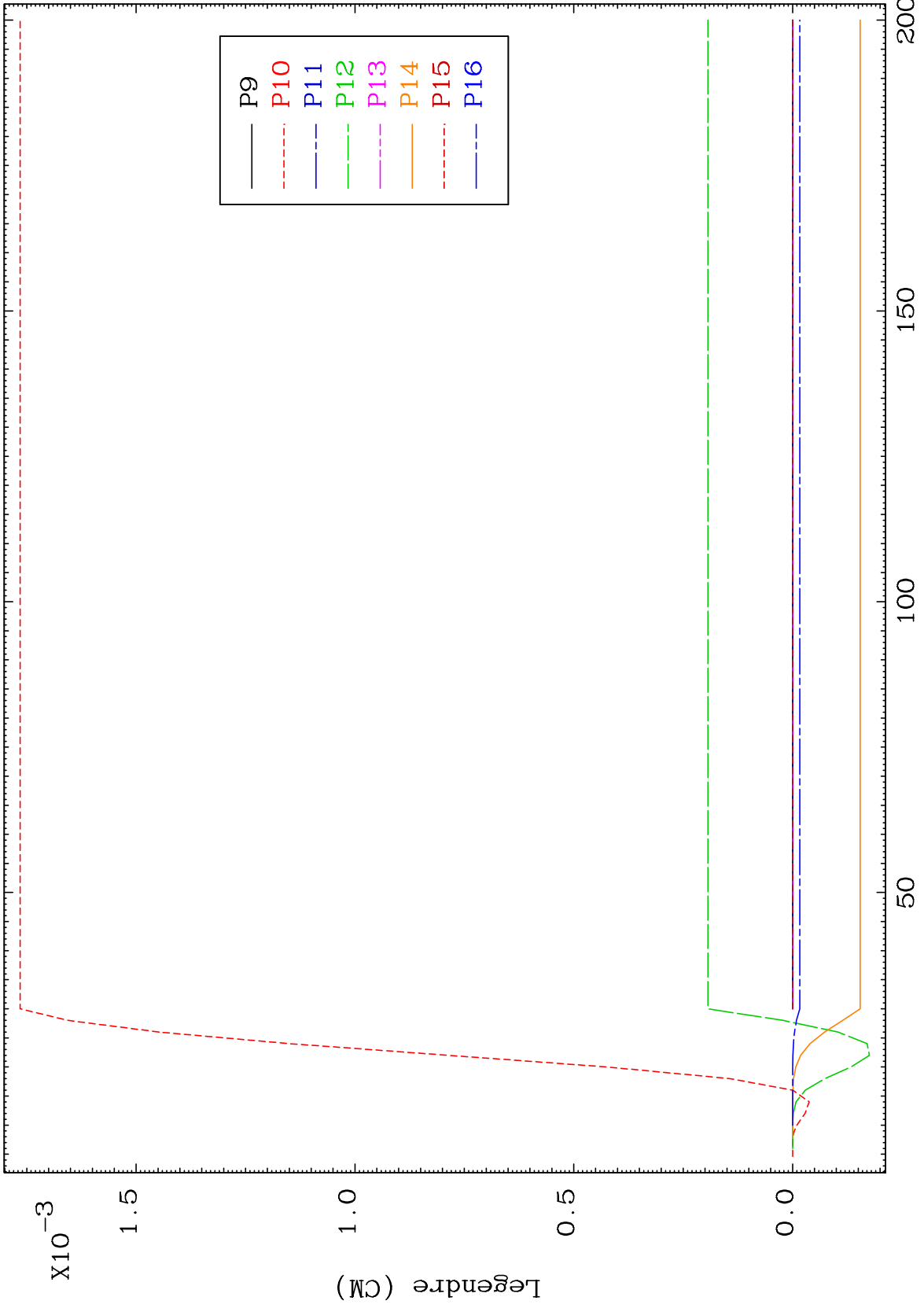
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



50

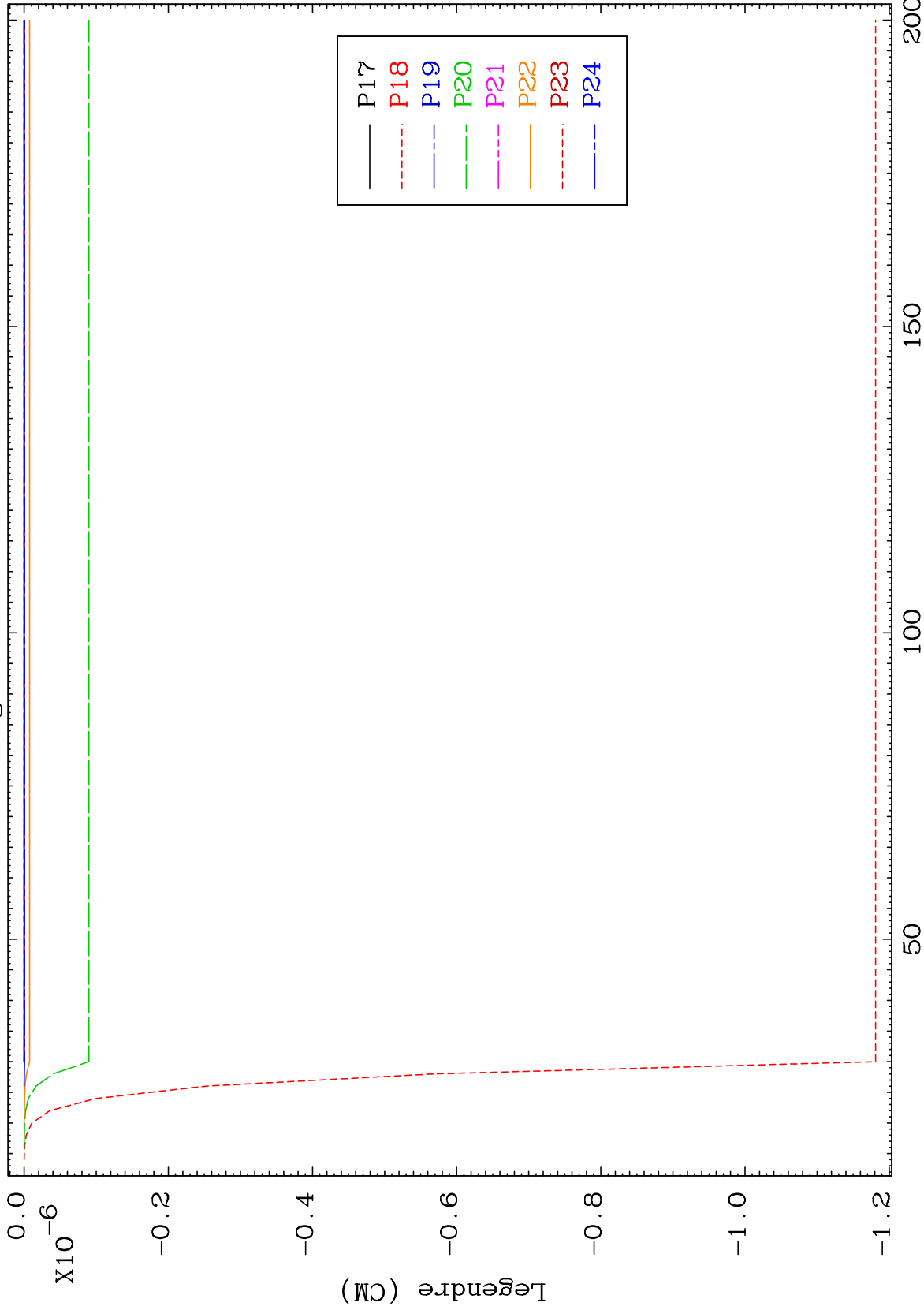
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



51

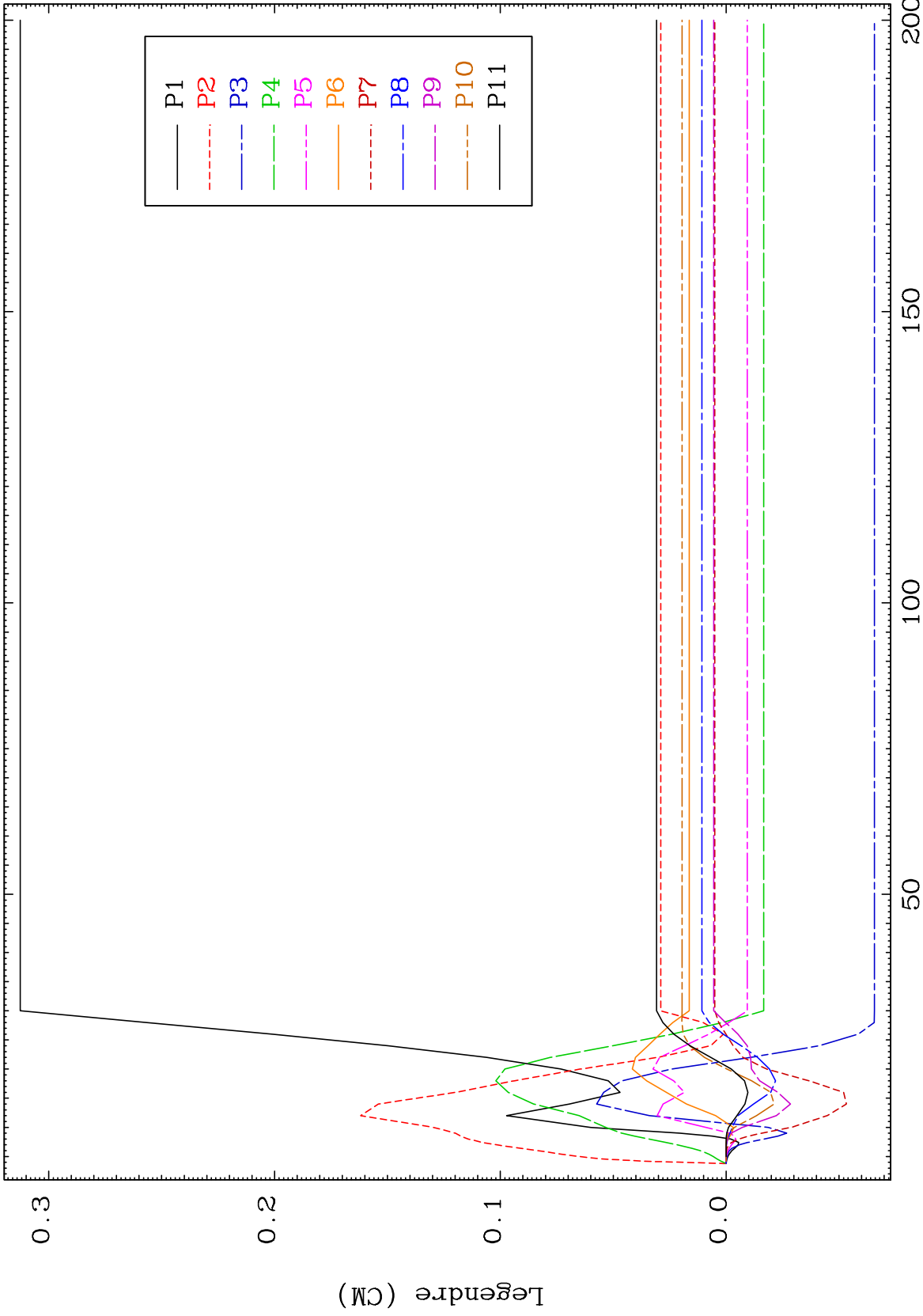
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

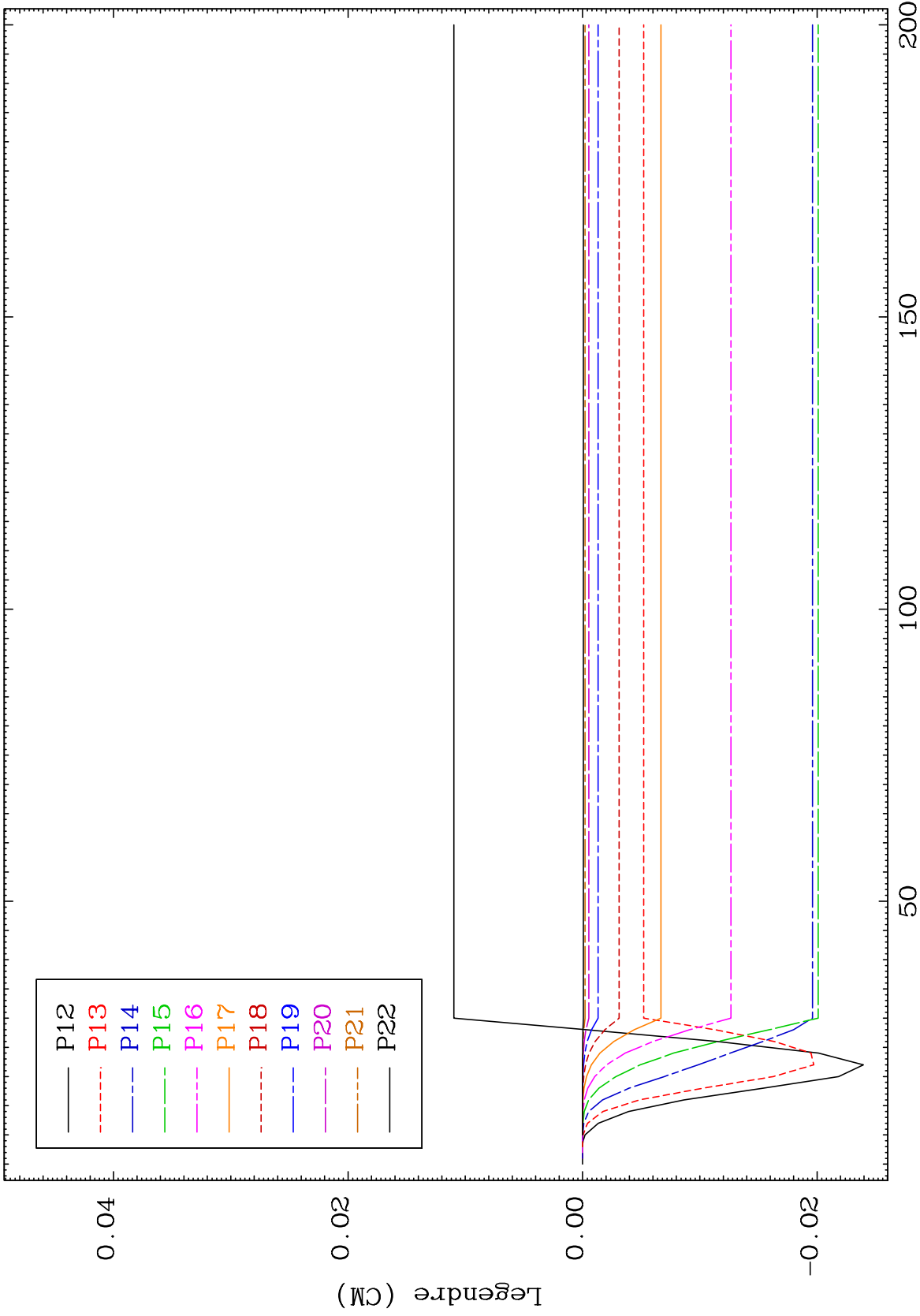
28-Ni-72



52

Incident Energy (MeV)

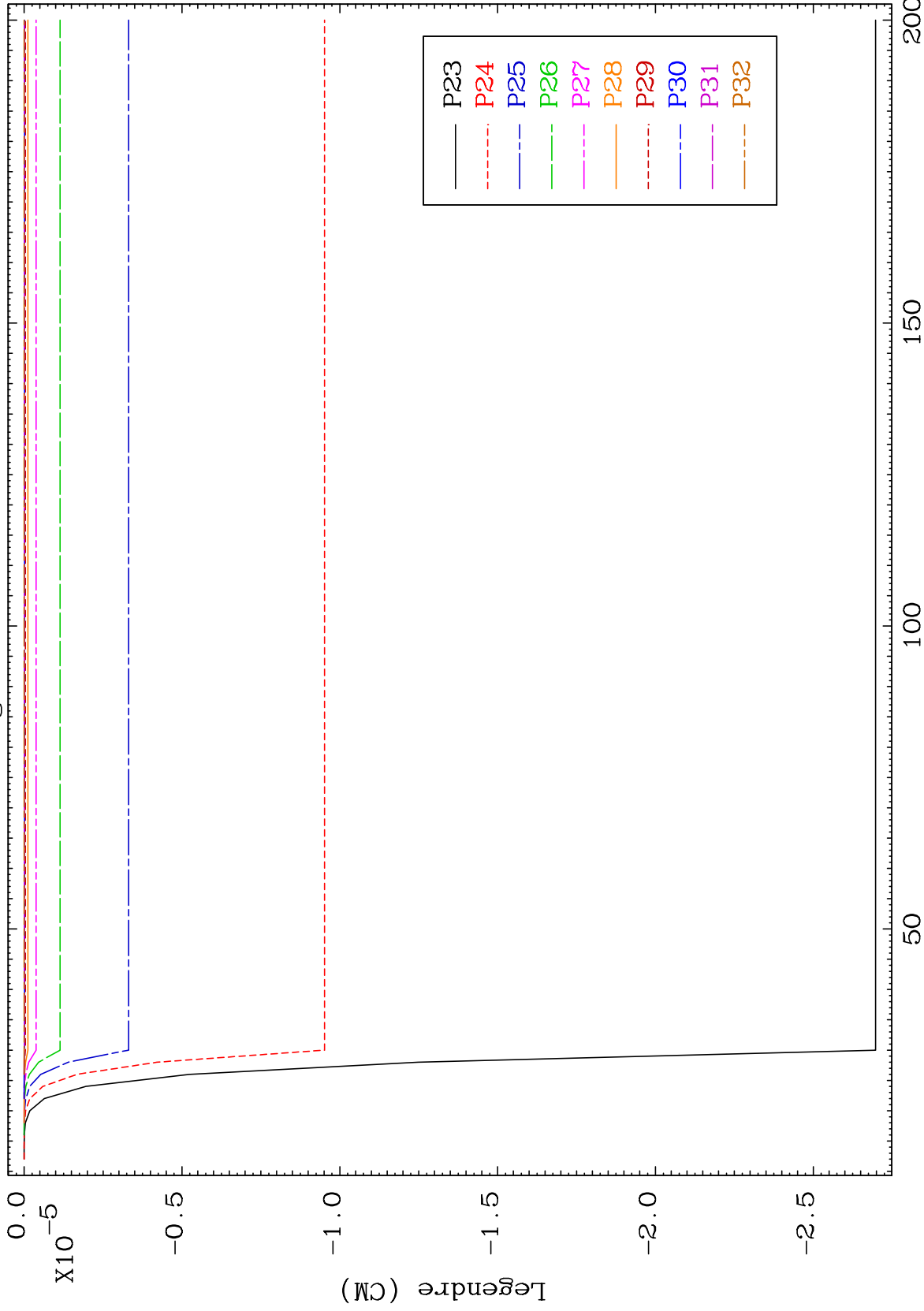
28-Ni-72



MAT 2867

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

28-Ni-72



28-Ni-72

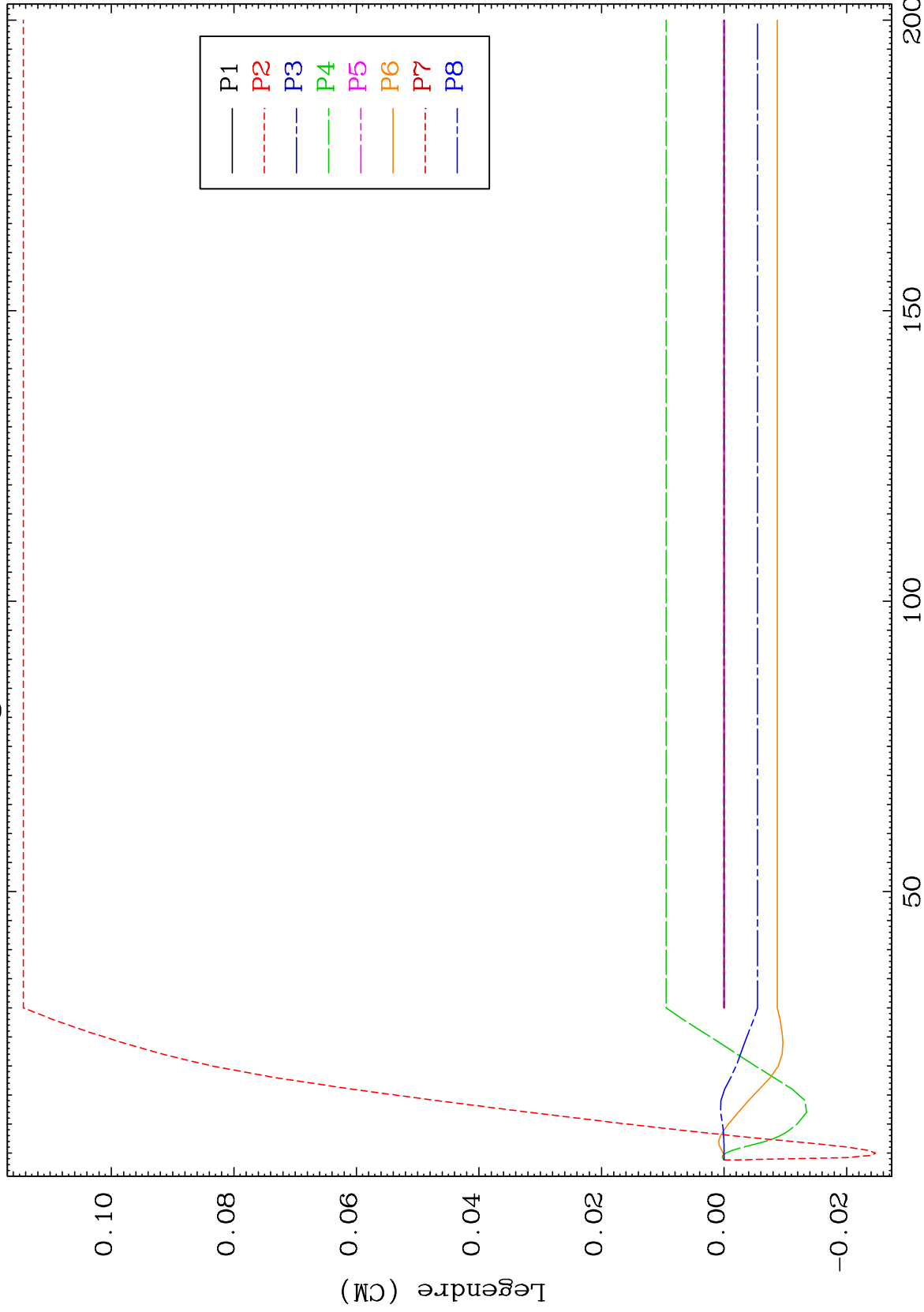
Incident Energy (MeV)

54

MAT 2867

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

28-Ni-72



28-Ni-72

Incident Energy (MeV)

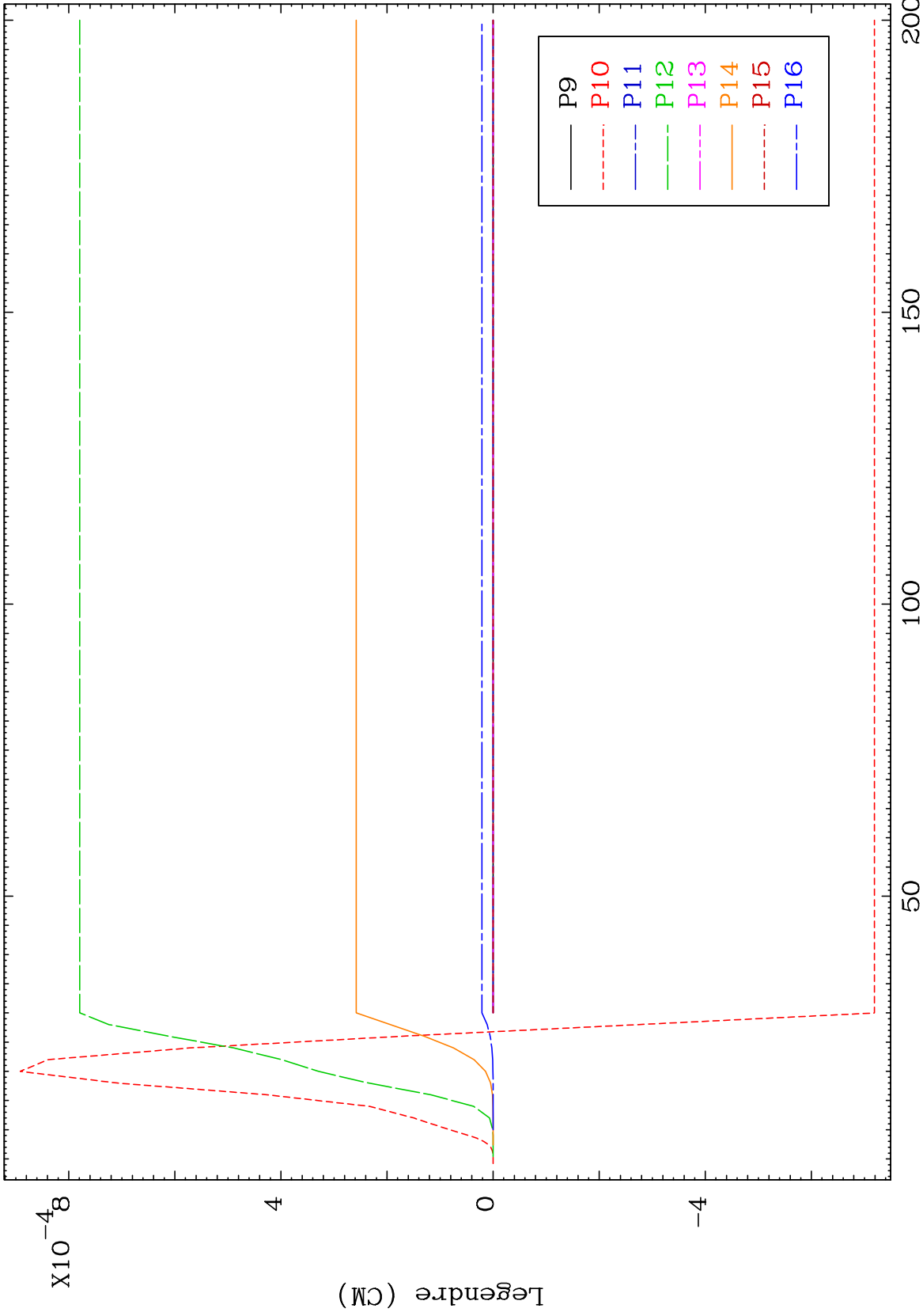
55



MAT 2867

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

28-Ni-72



56

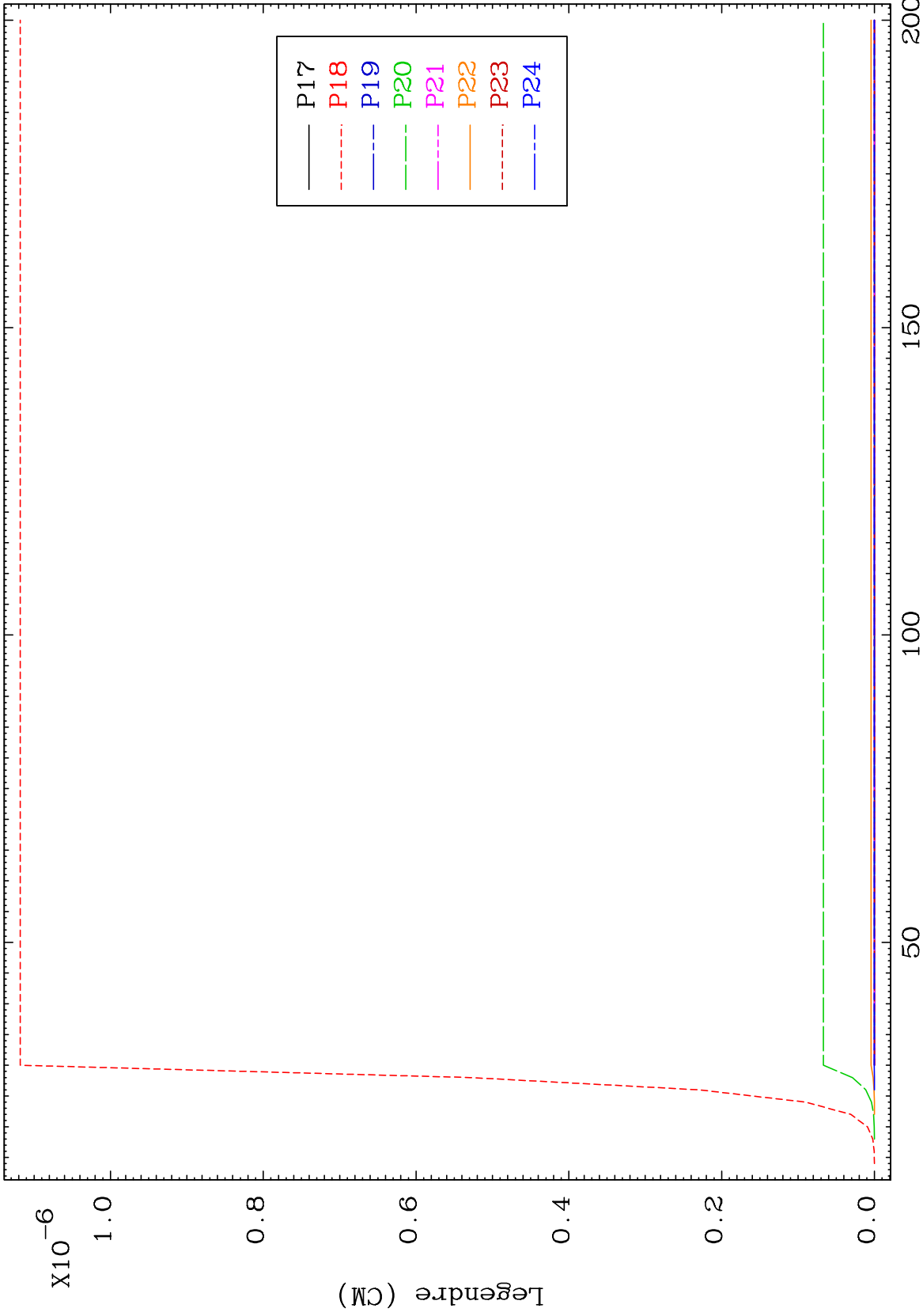
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



57

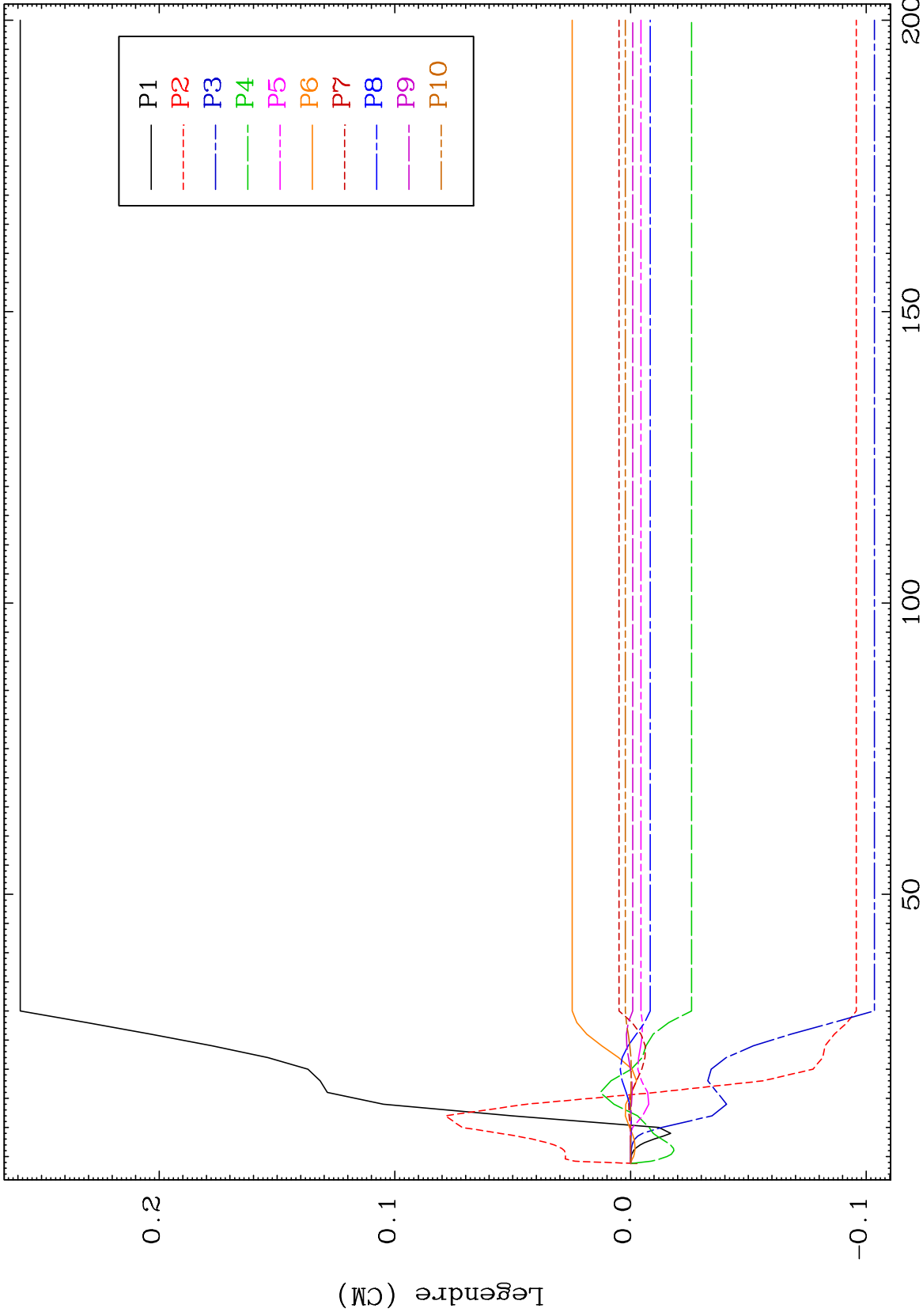
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



58

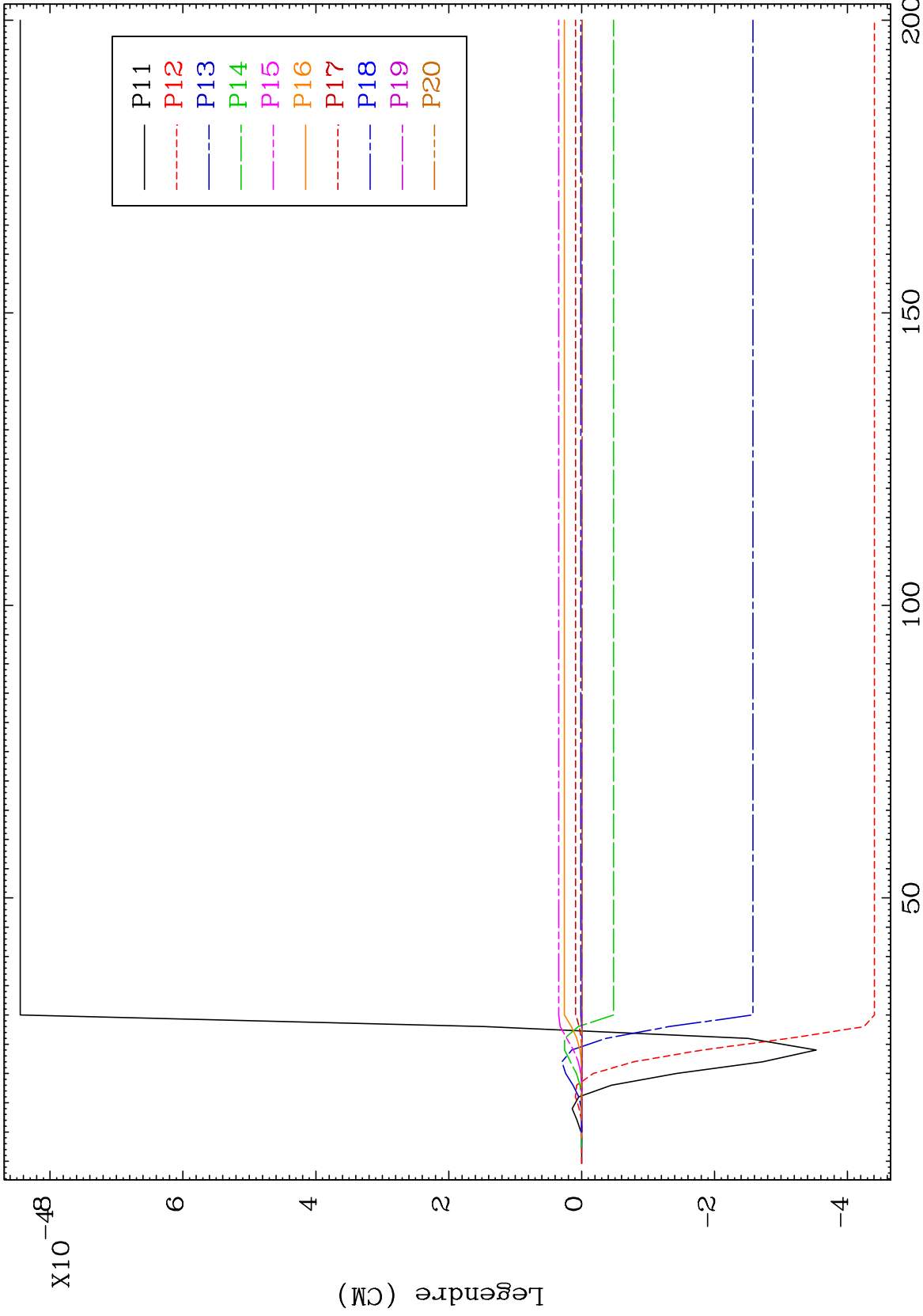
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



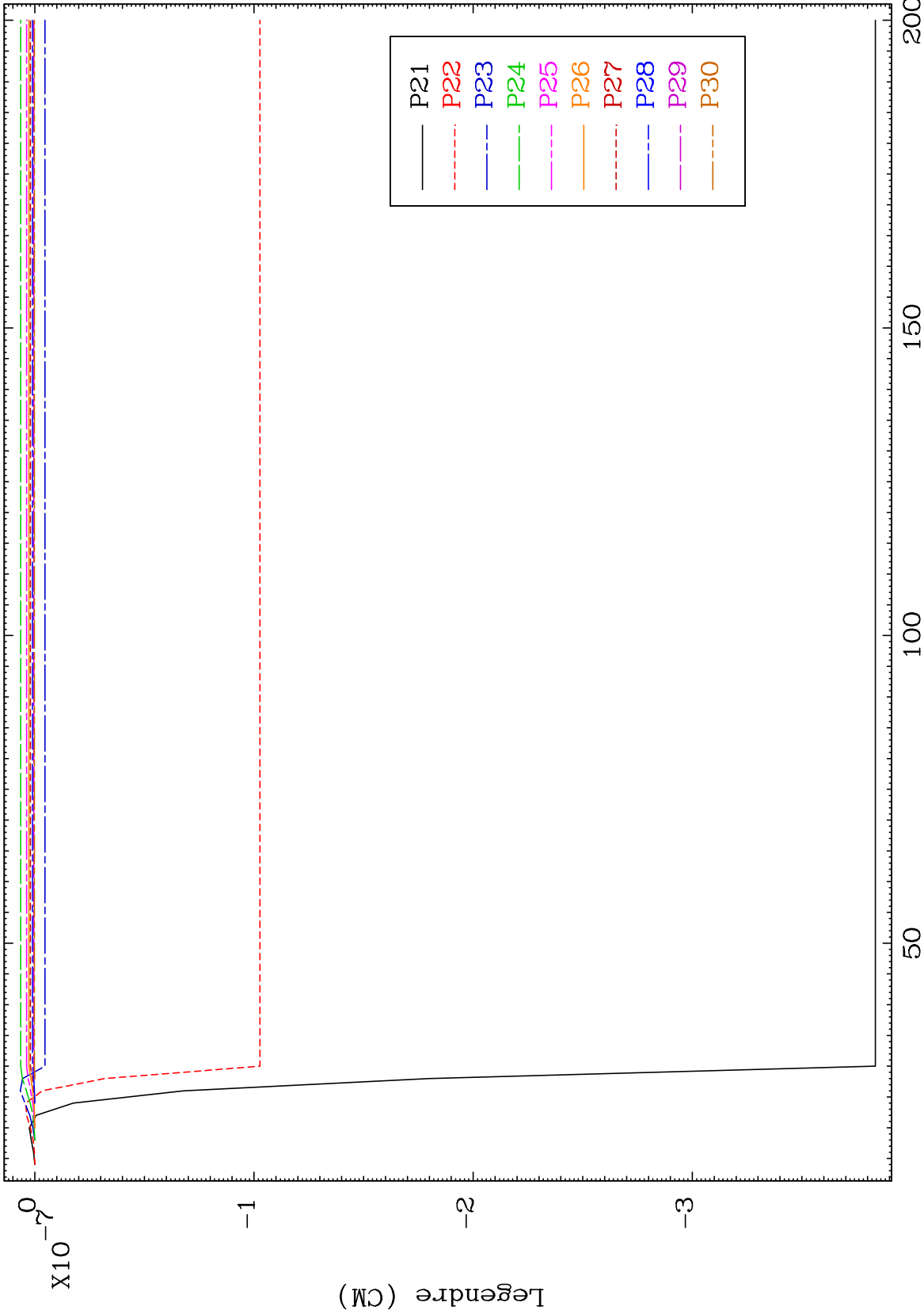
59

28-Ni-72

MAT 2867

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

<sup>28</sup>Ni-72



60

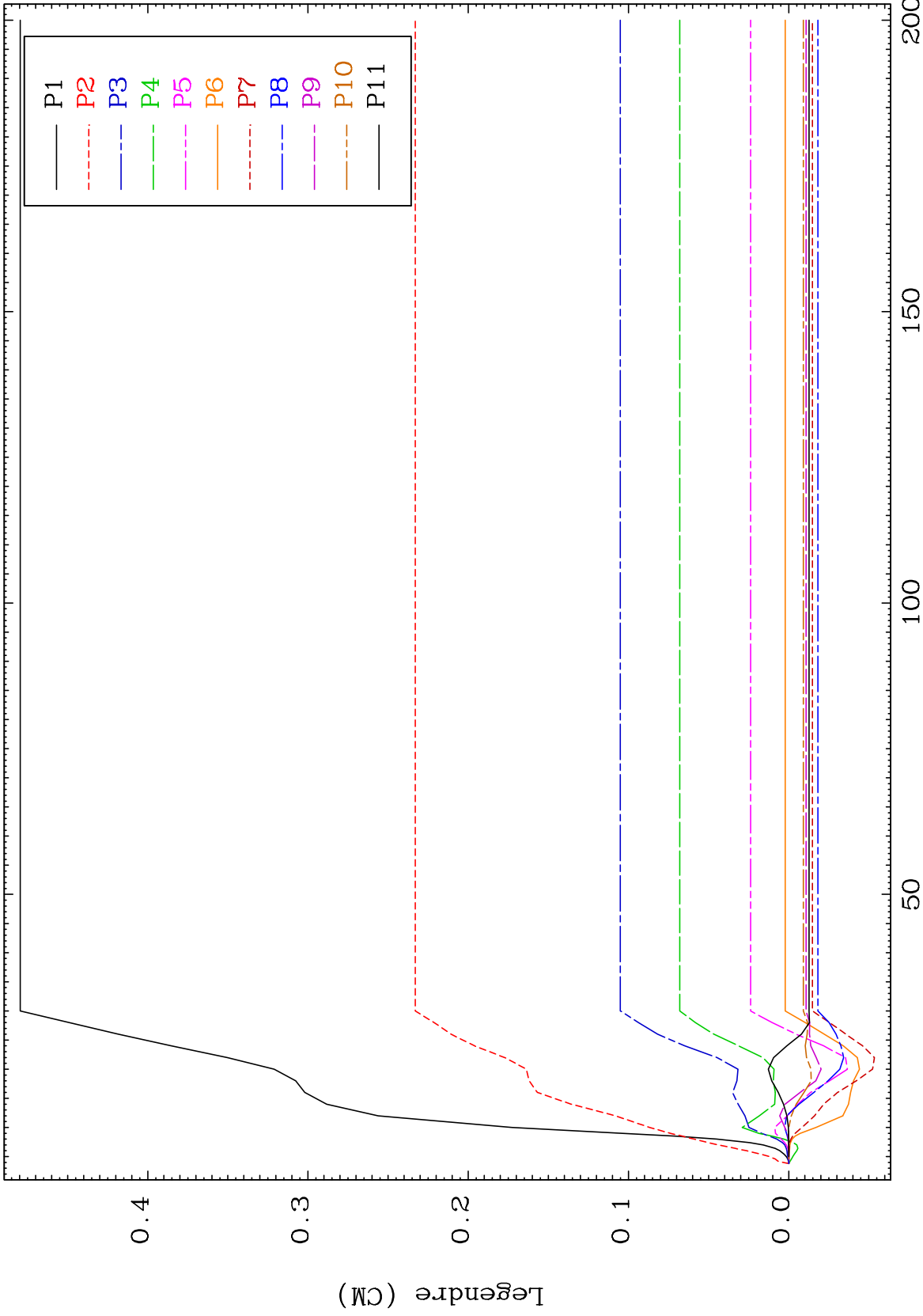
Incident Energy (MeV)

<sup>28</sup>Ni-72

MAT 2867

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

28-Ni-72



61

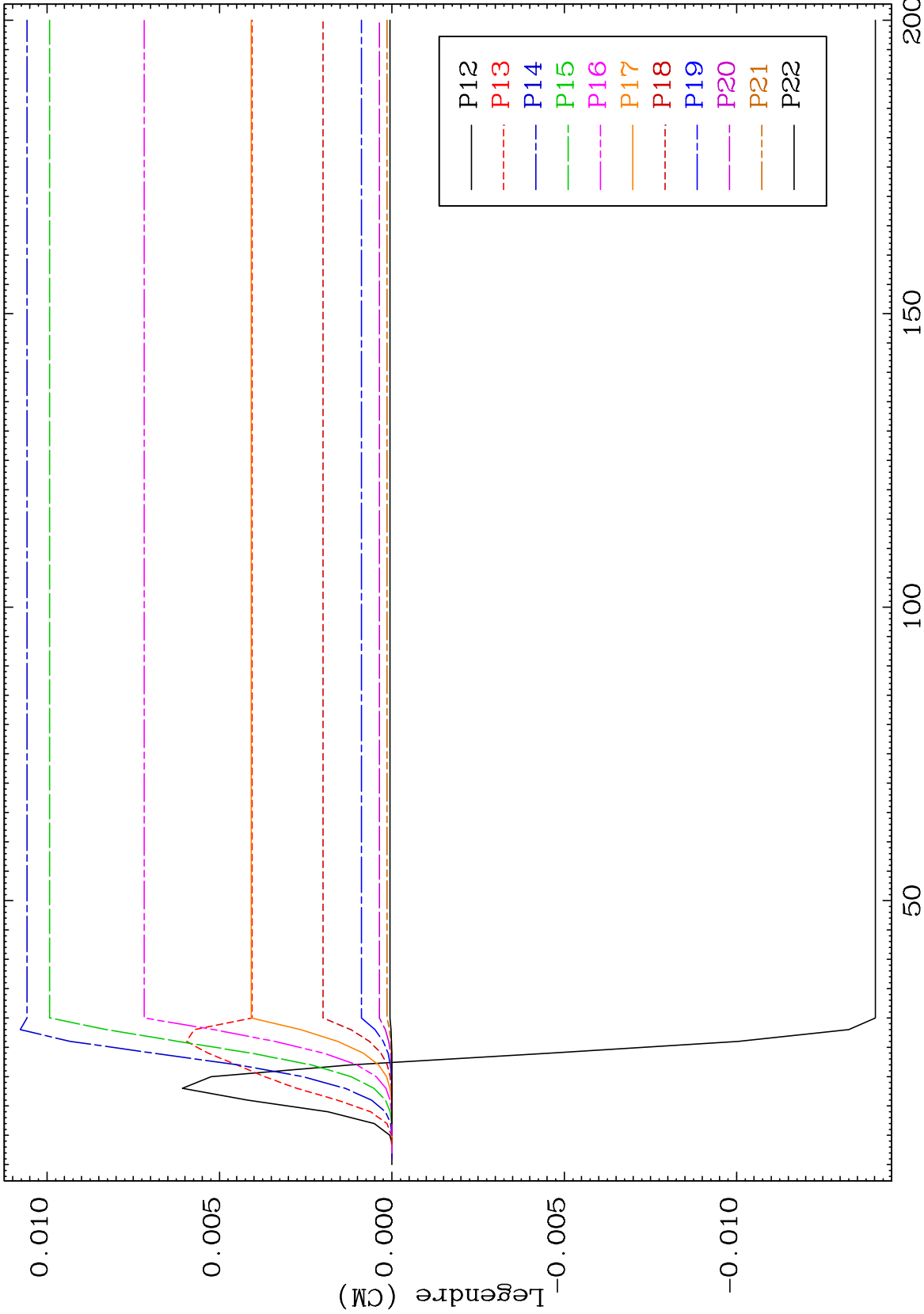
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



62

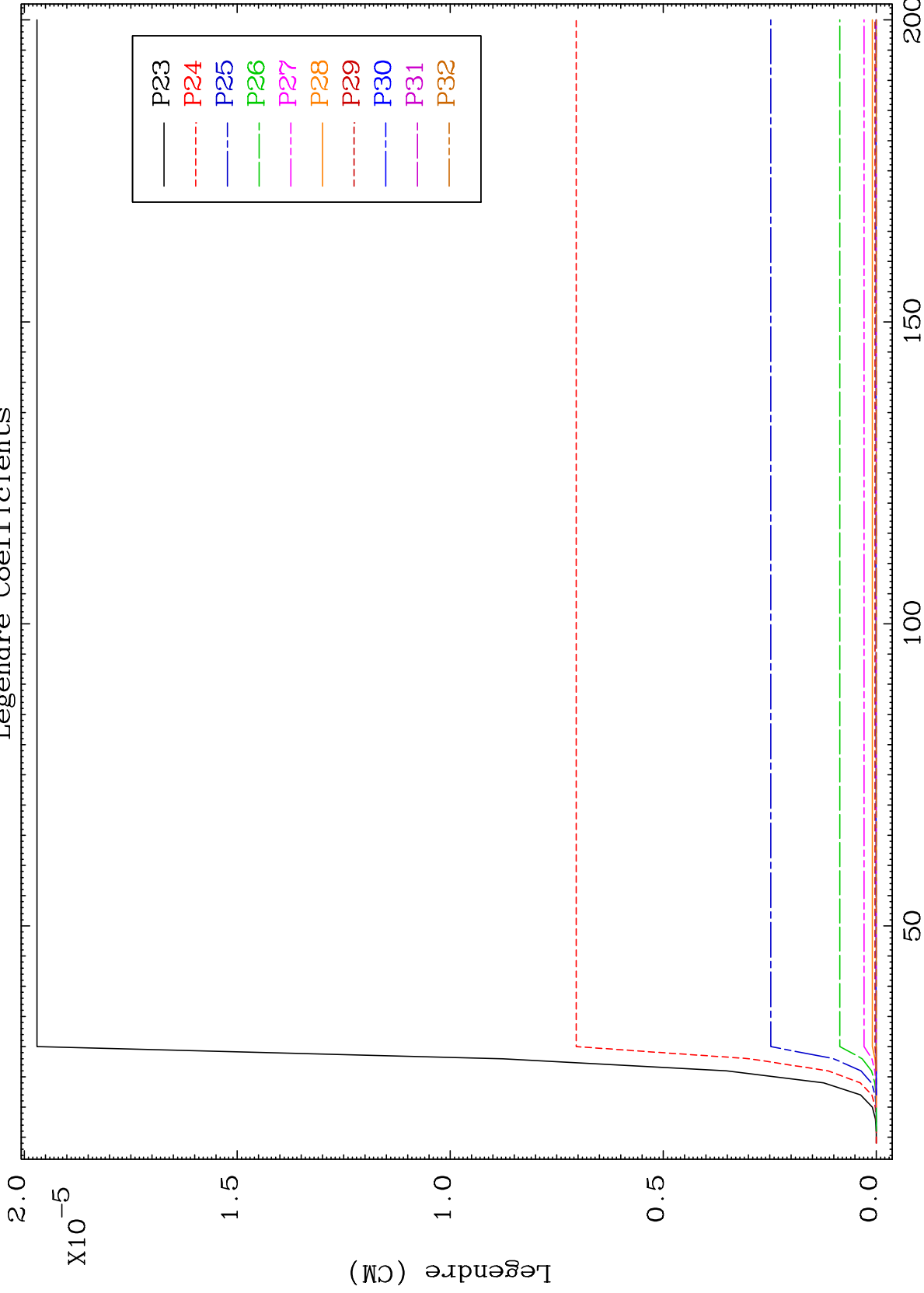
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



63

Incident Energy (MeV)

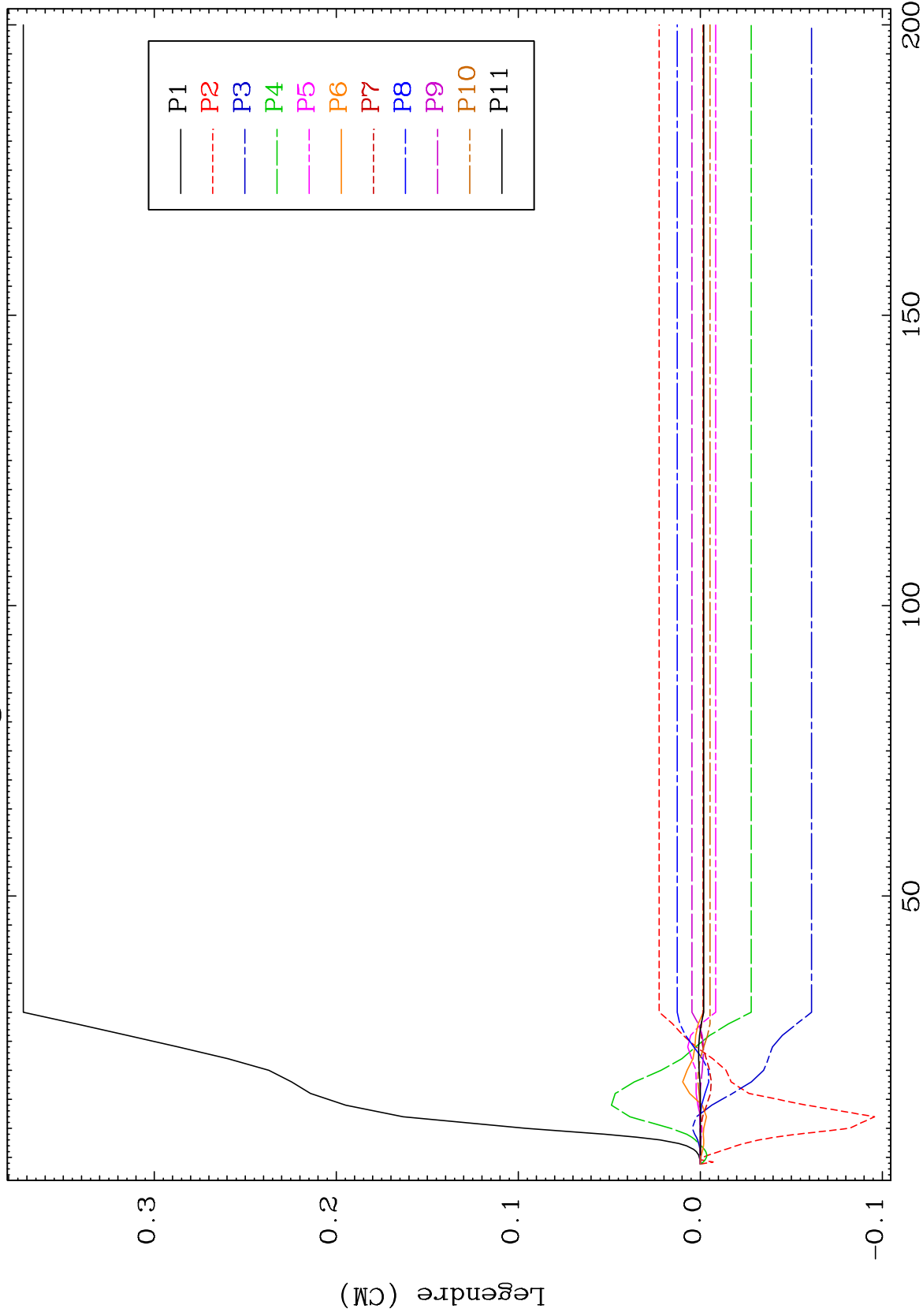
28-Ni-72



MAT 2867

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

28-Ni-72



64

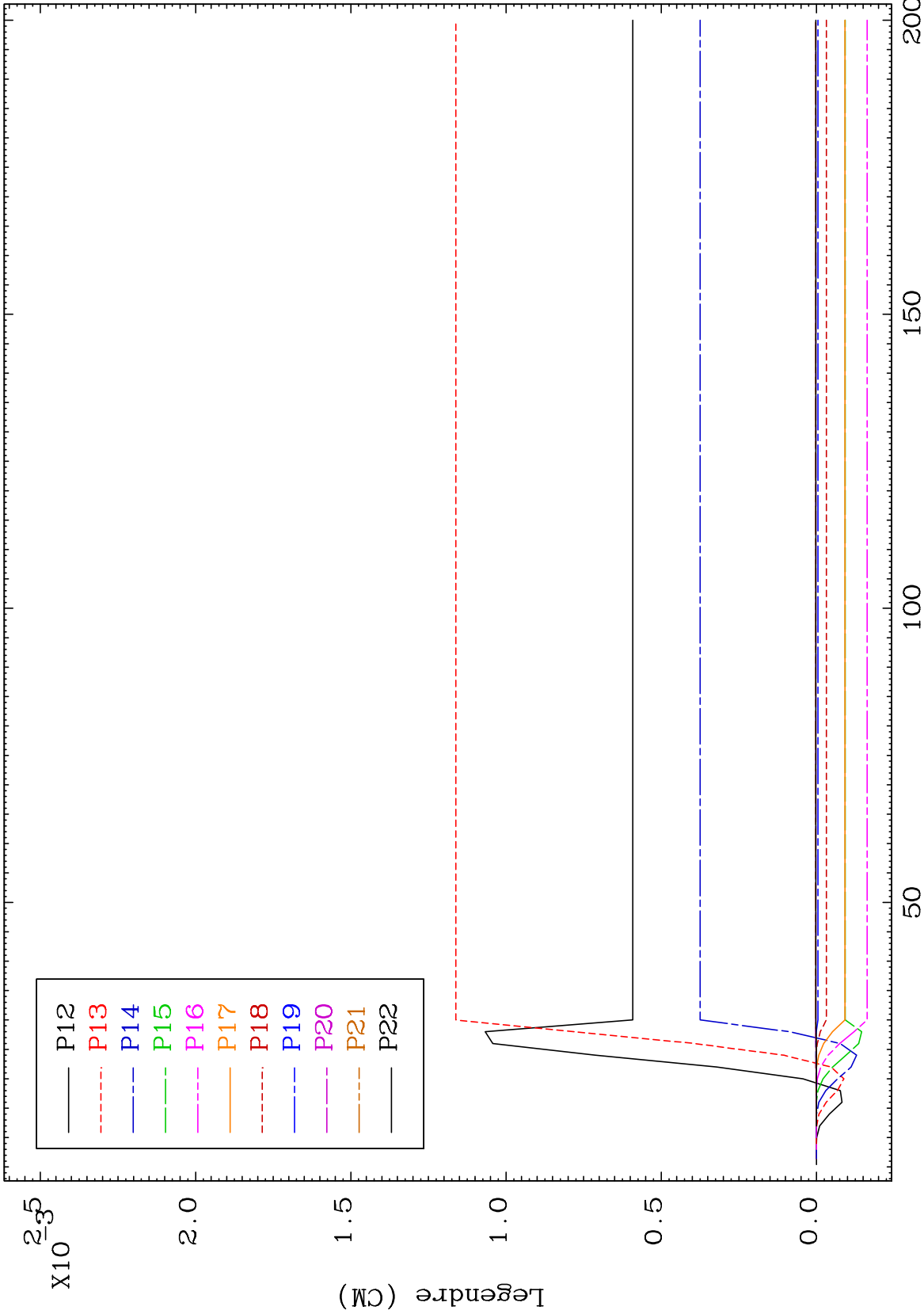
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



65

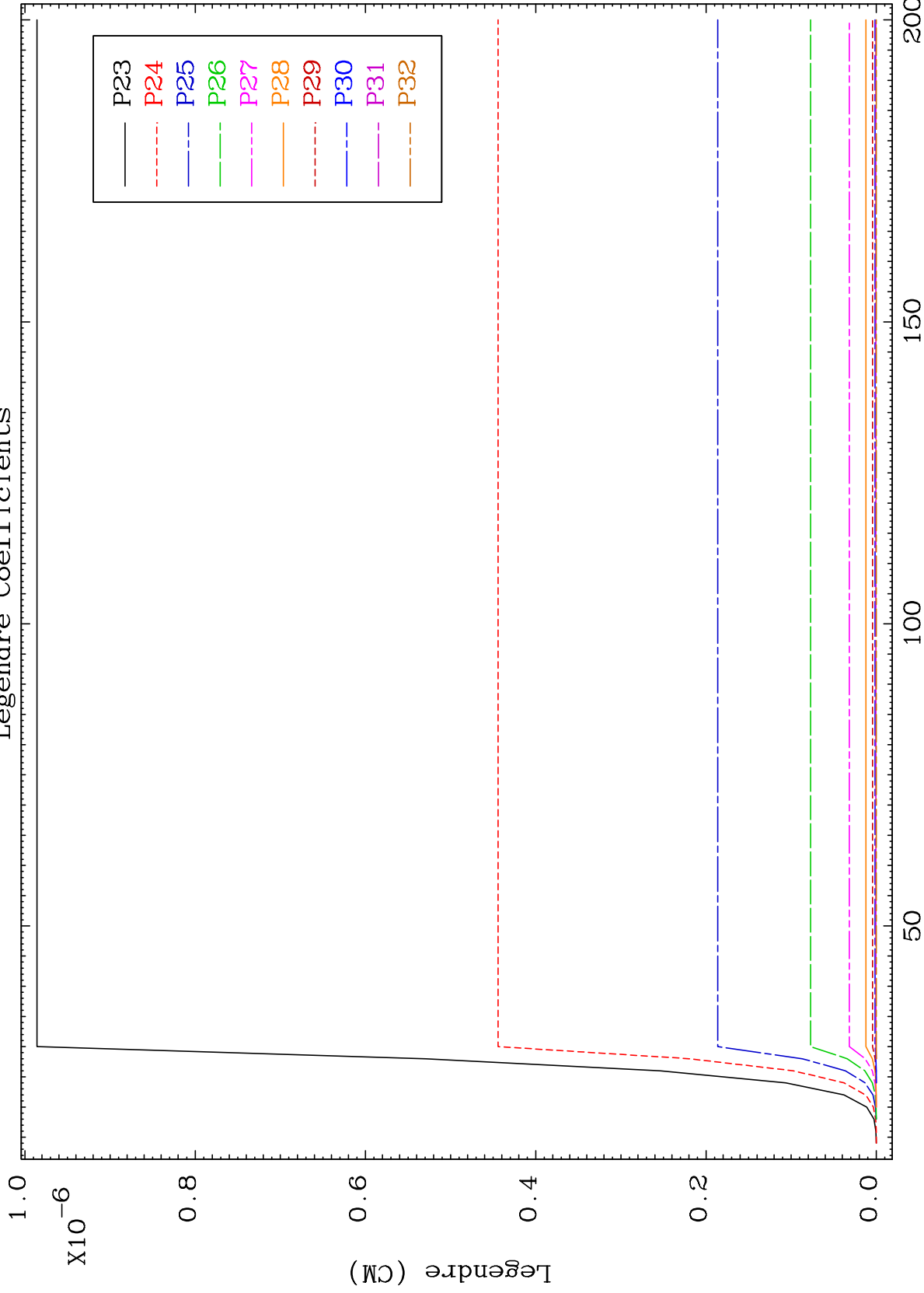
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



66

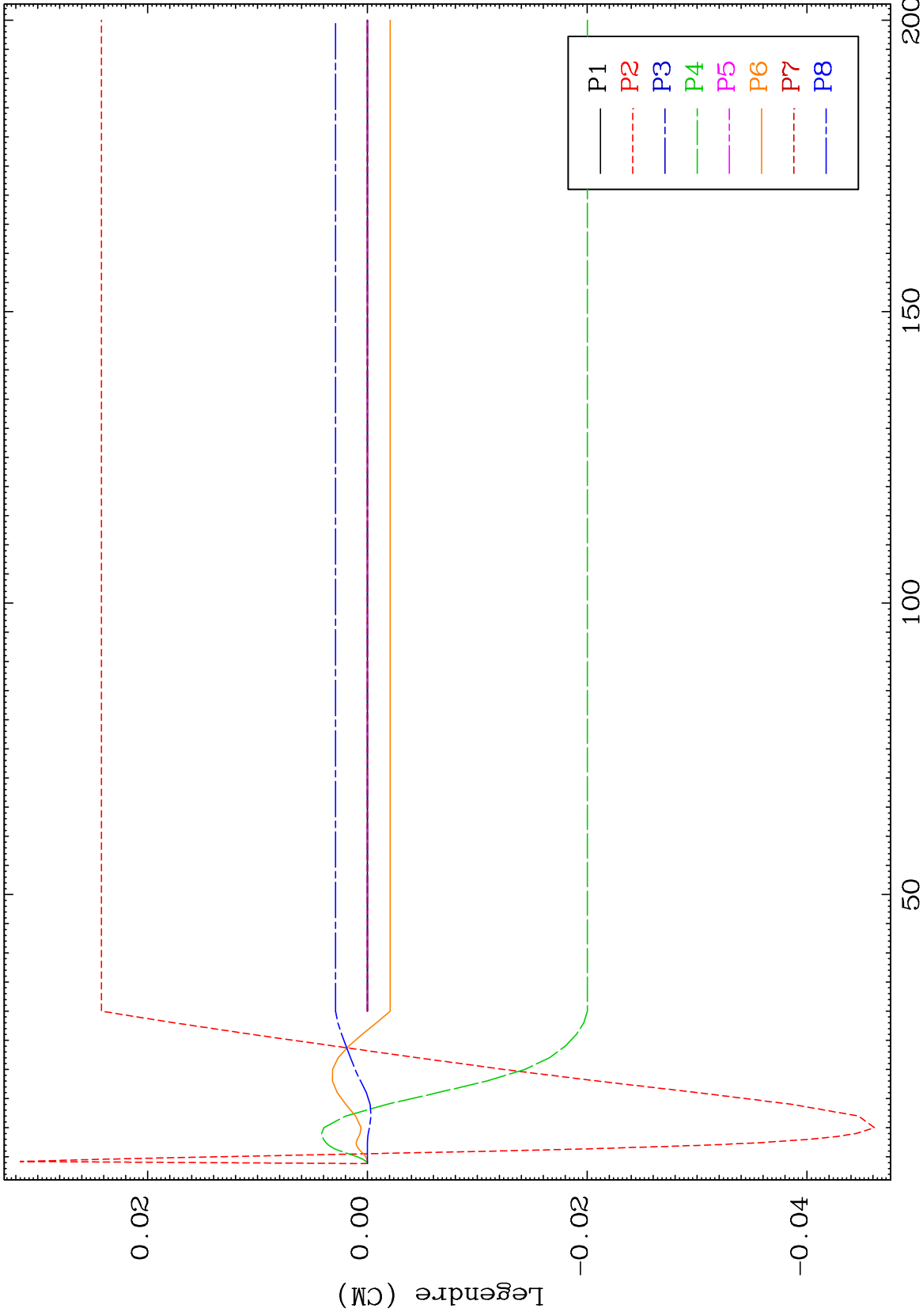
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



67

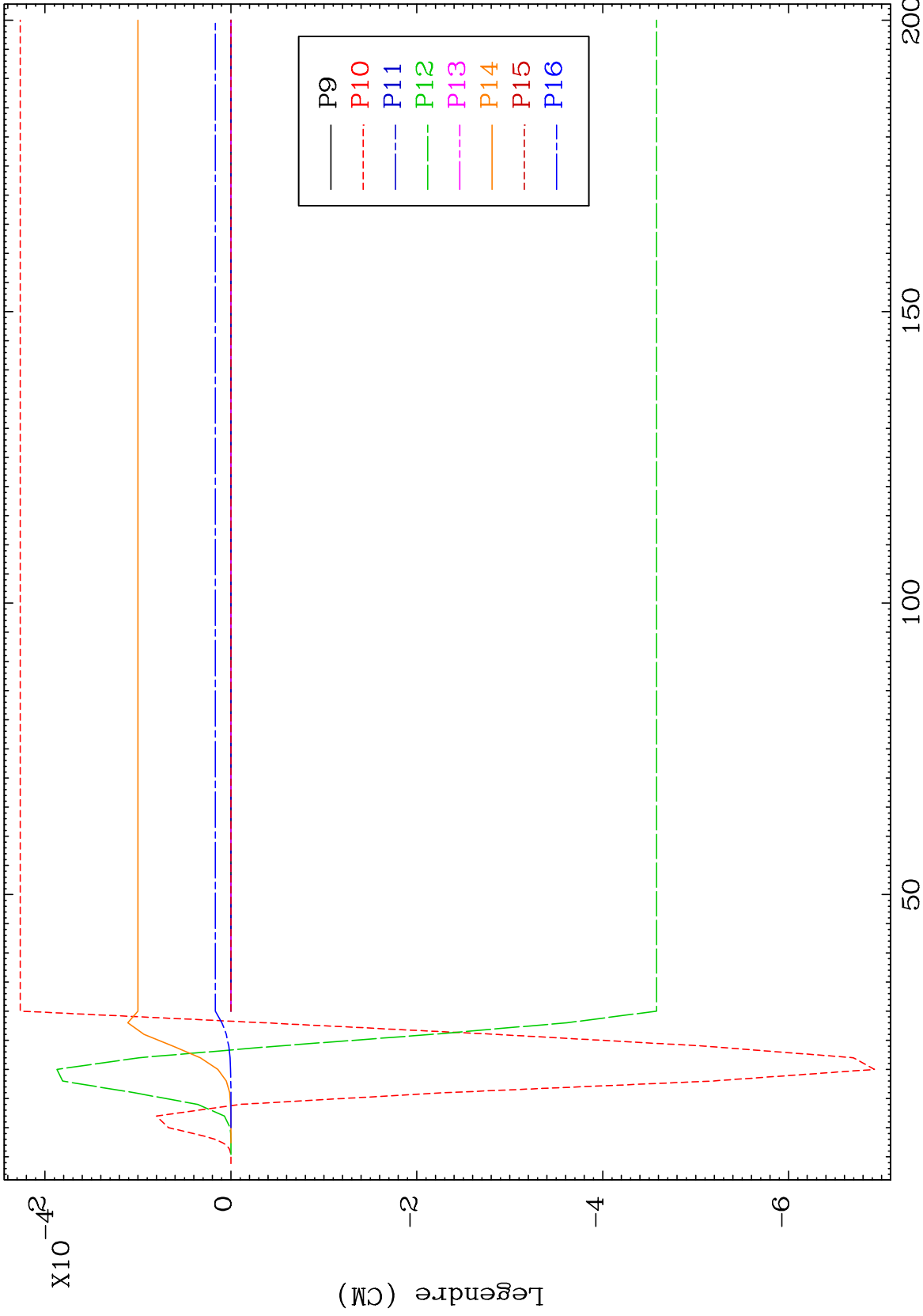
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



68

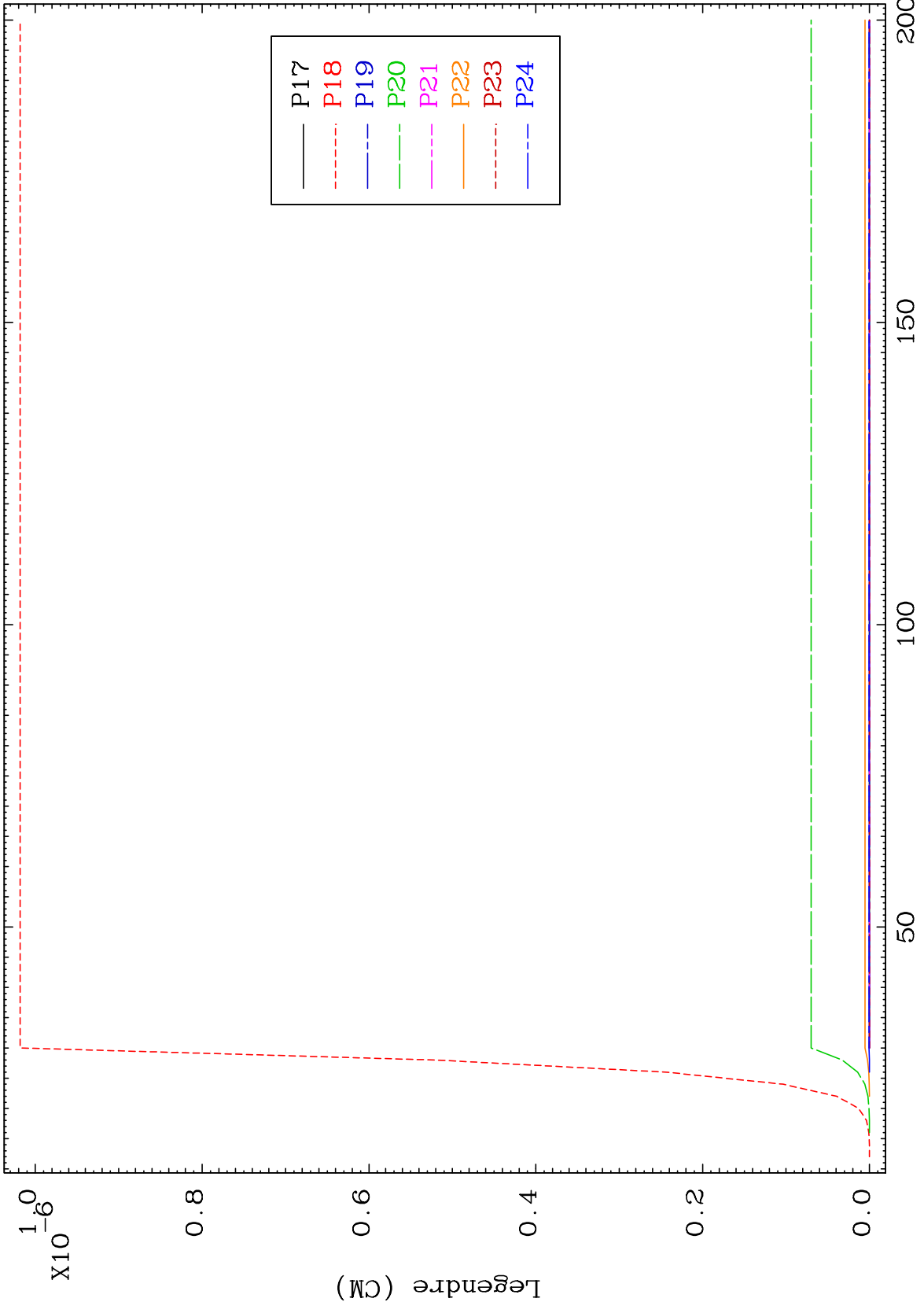
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

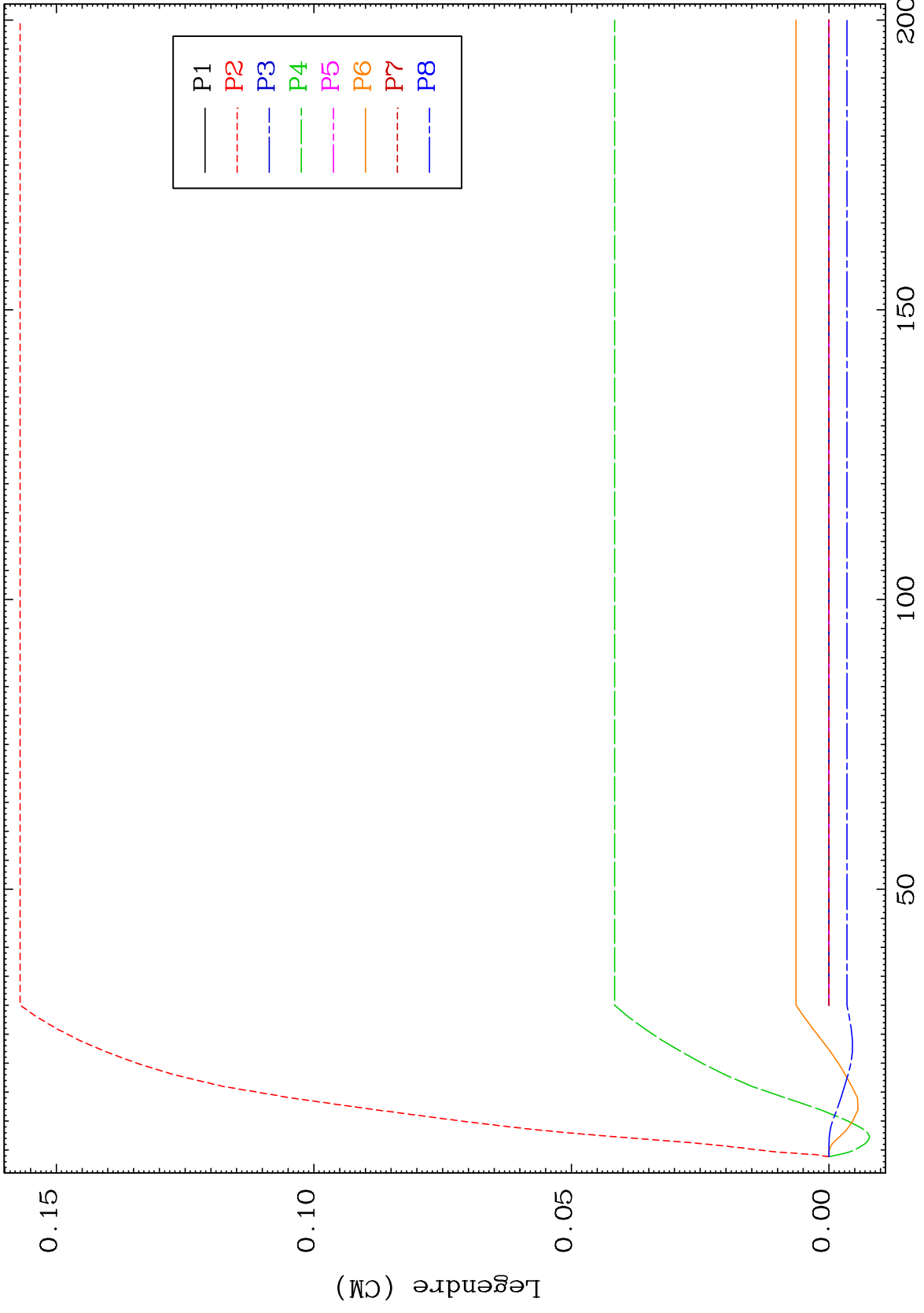


69

Incident Energy (MeV)

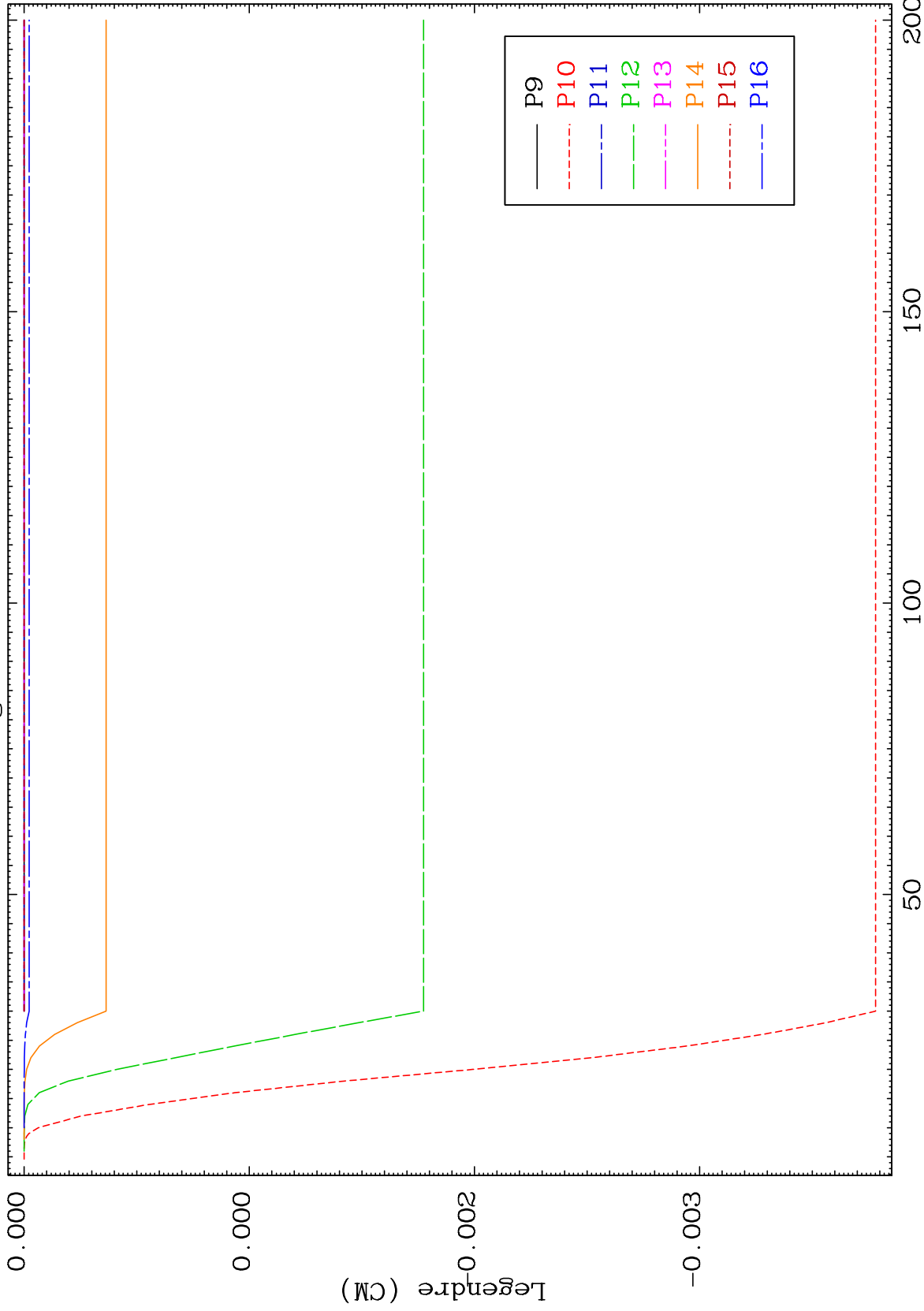
28-Ni-72

MAT 2867 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-72



28-Ni-72

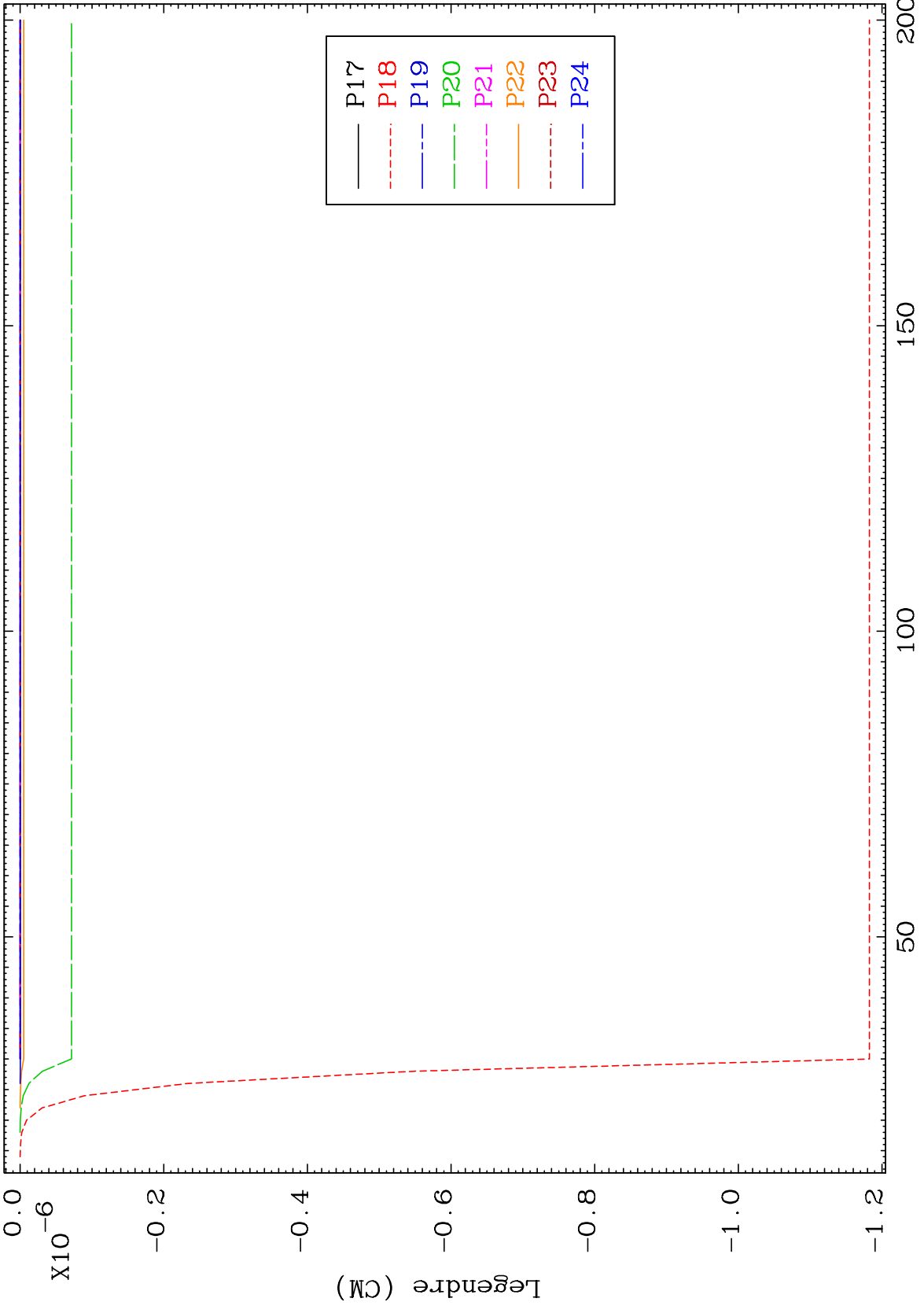
MAT 2867 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-72



71 28-Ni-72



MAT 2867 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-72

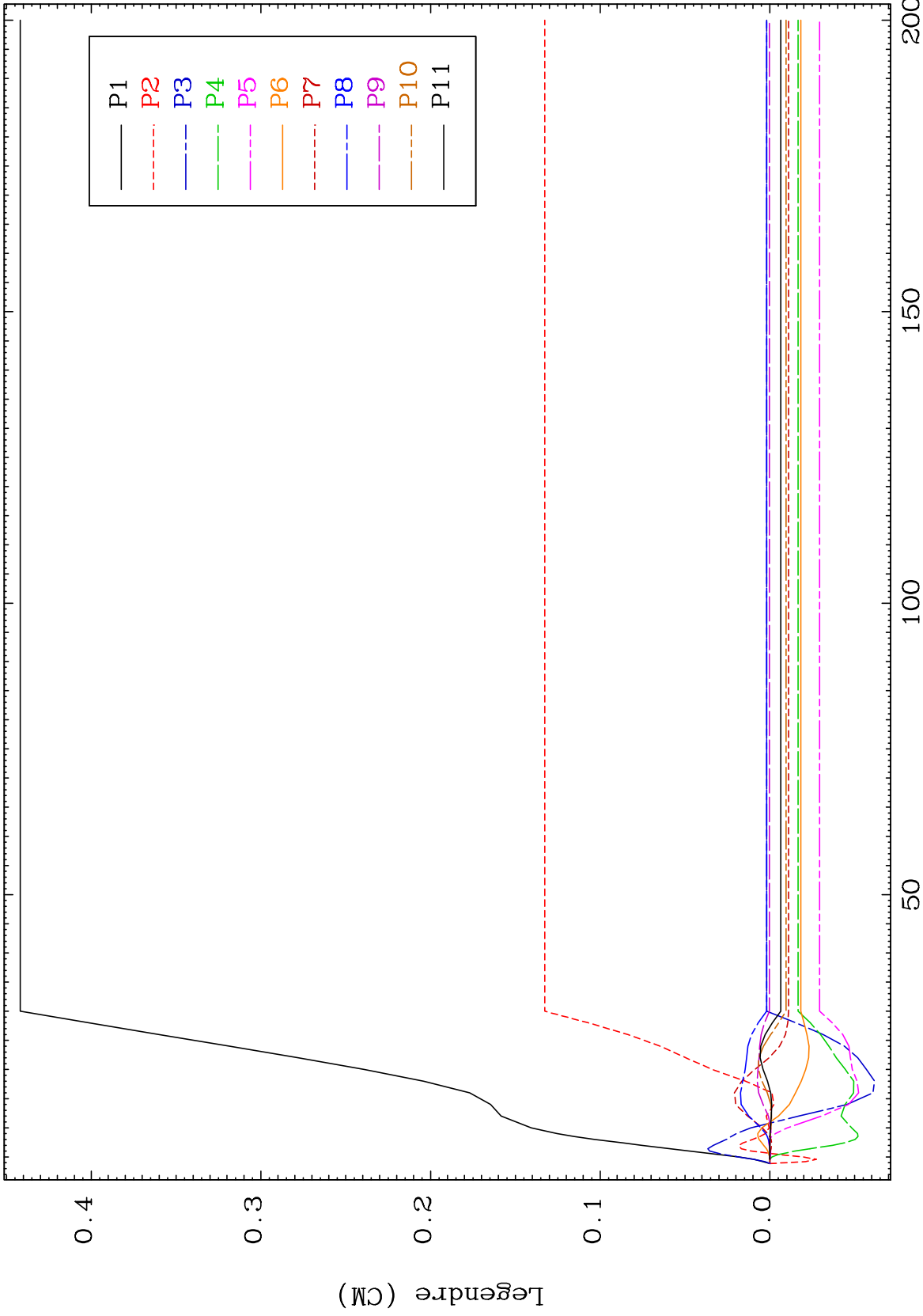


72 28-Ni-72

MAT 2867

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

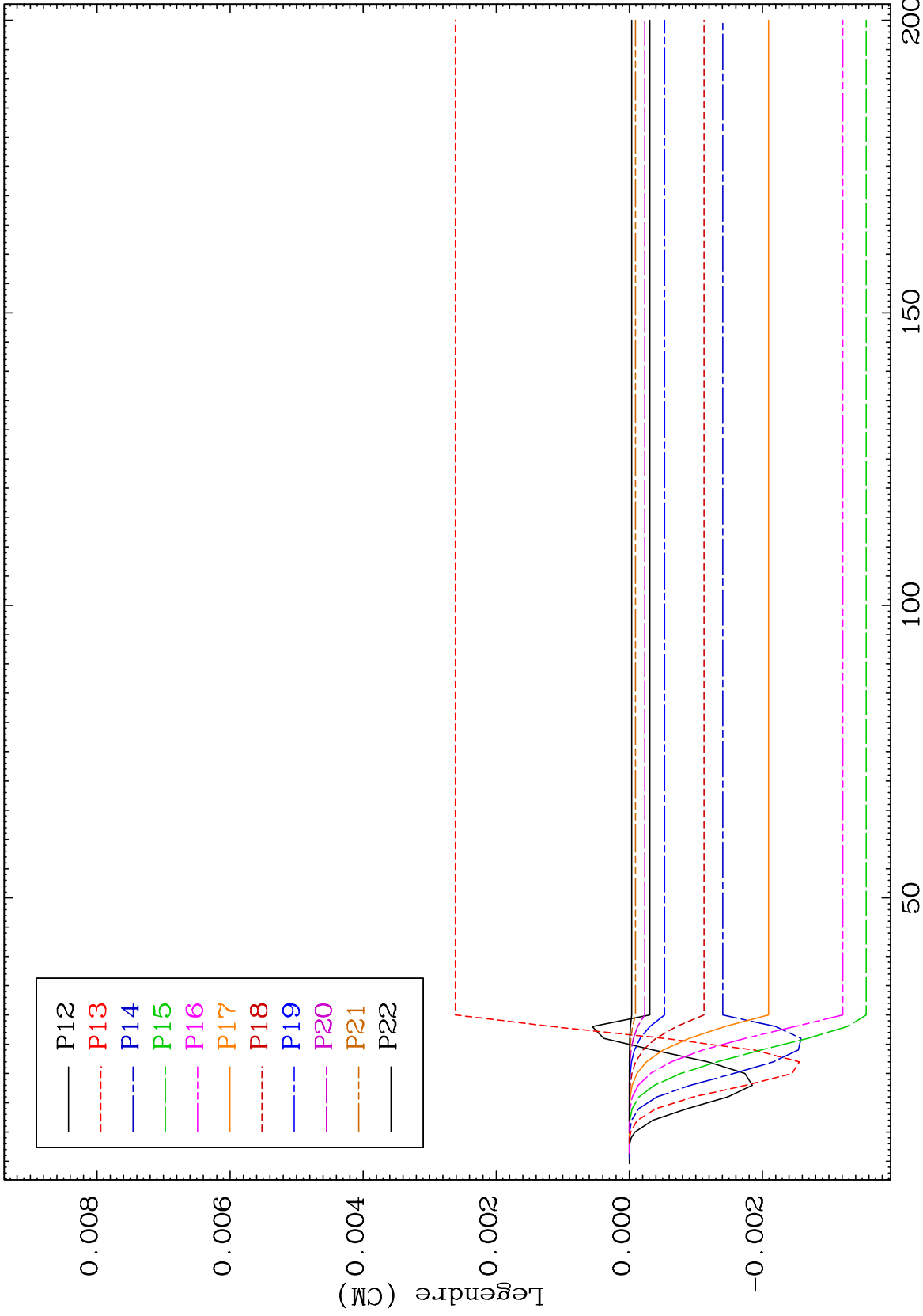
28-Ni-72



73

Incident Energy (MeV)

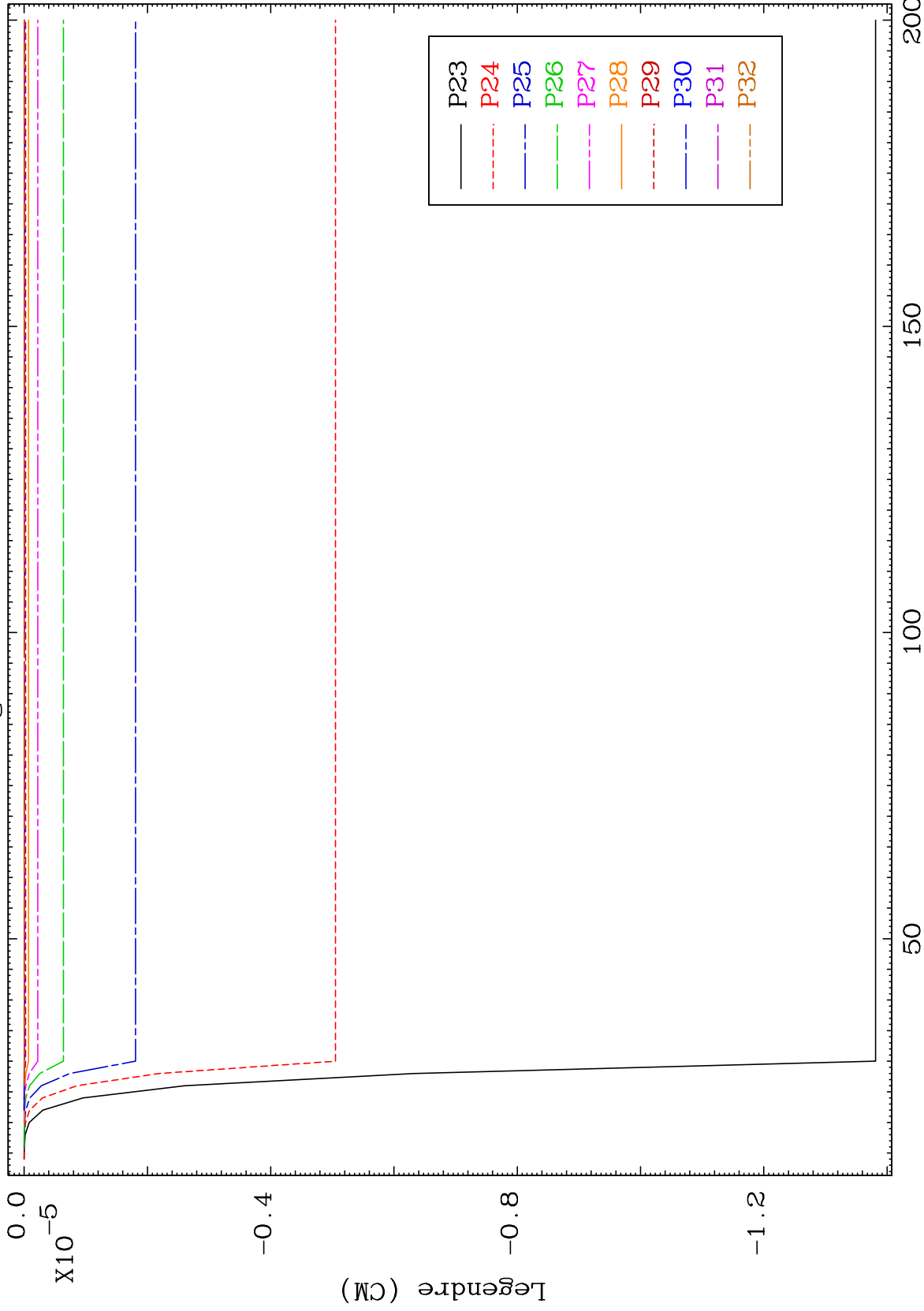
28-Ni-72



MAT 2867

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

28-Ni-72



28-Ni-72

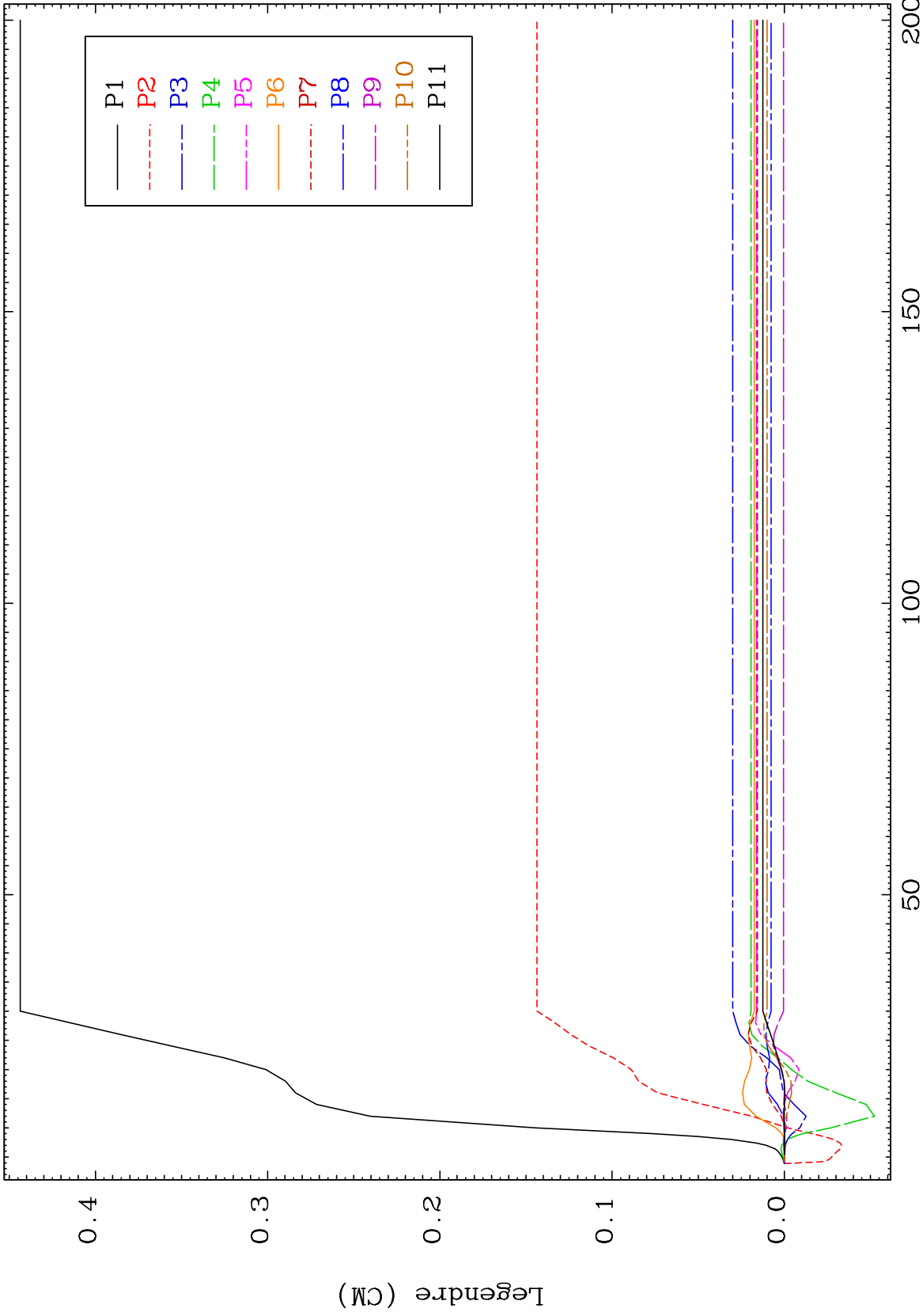
Incident Energy (MeV)

75

MAT 2867

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

28-Ni-72



76

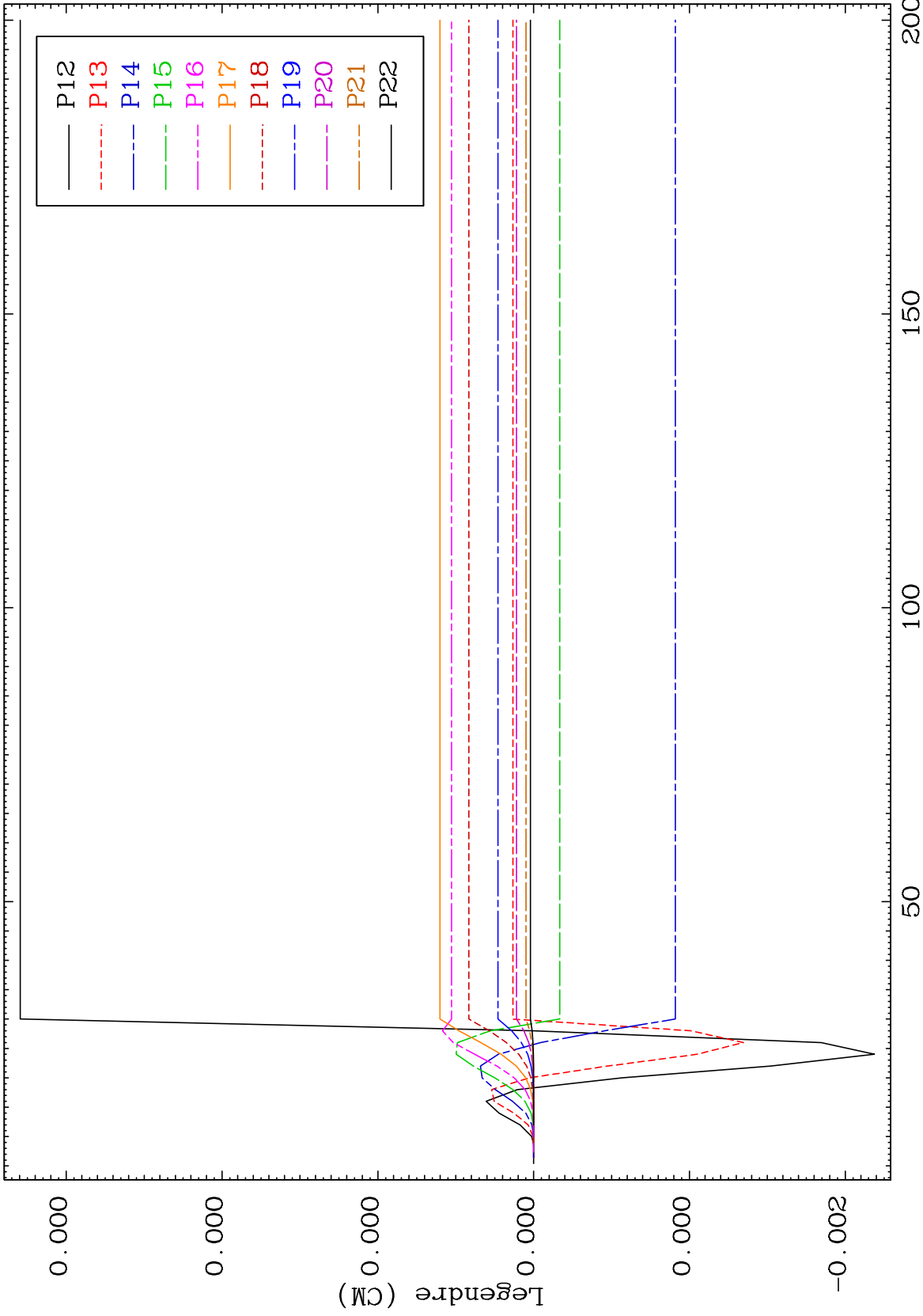
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



77

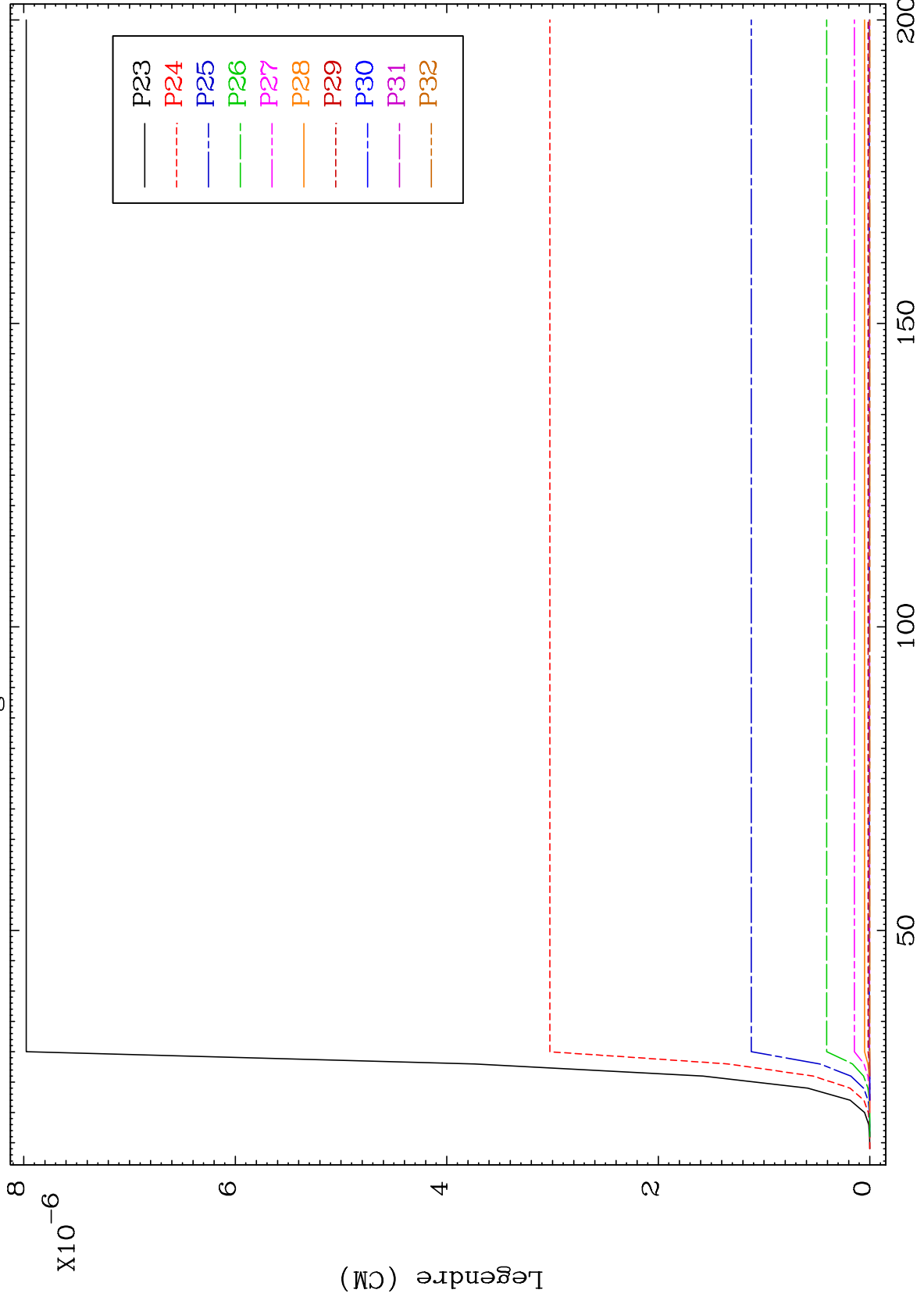
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



78

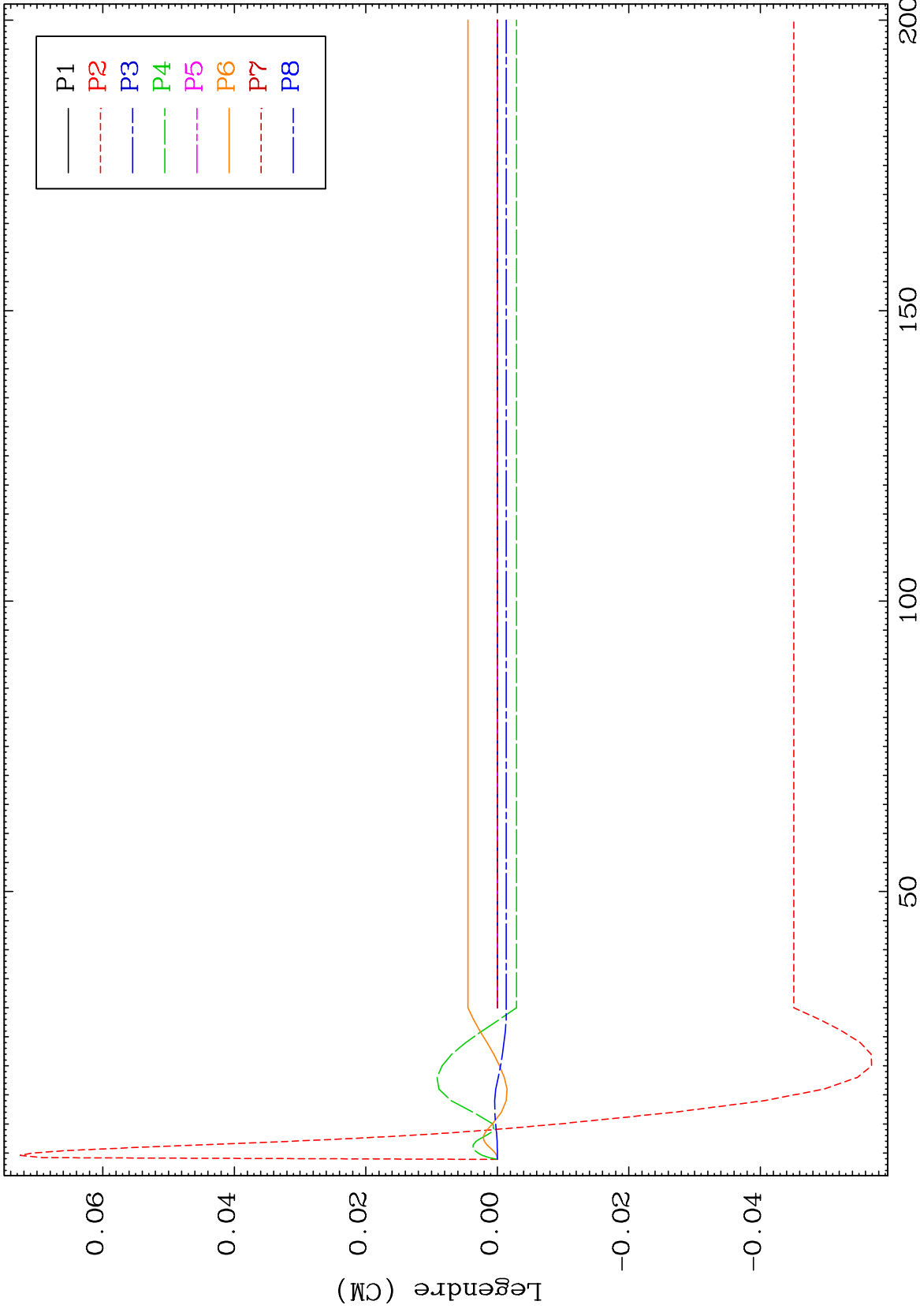
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



79

Incident Energy (MeV)

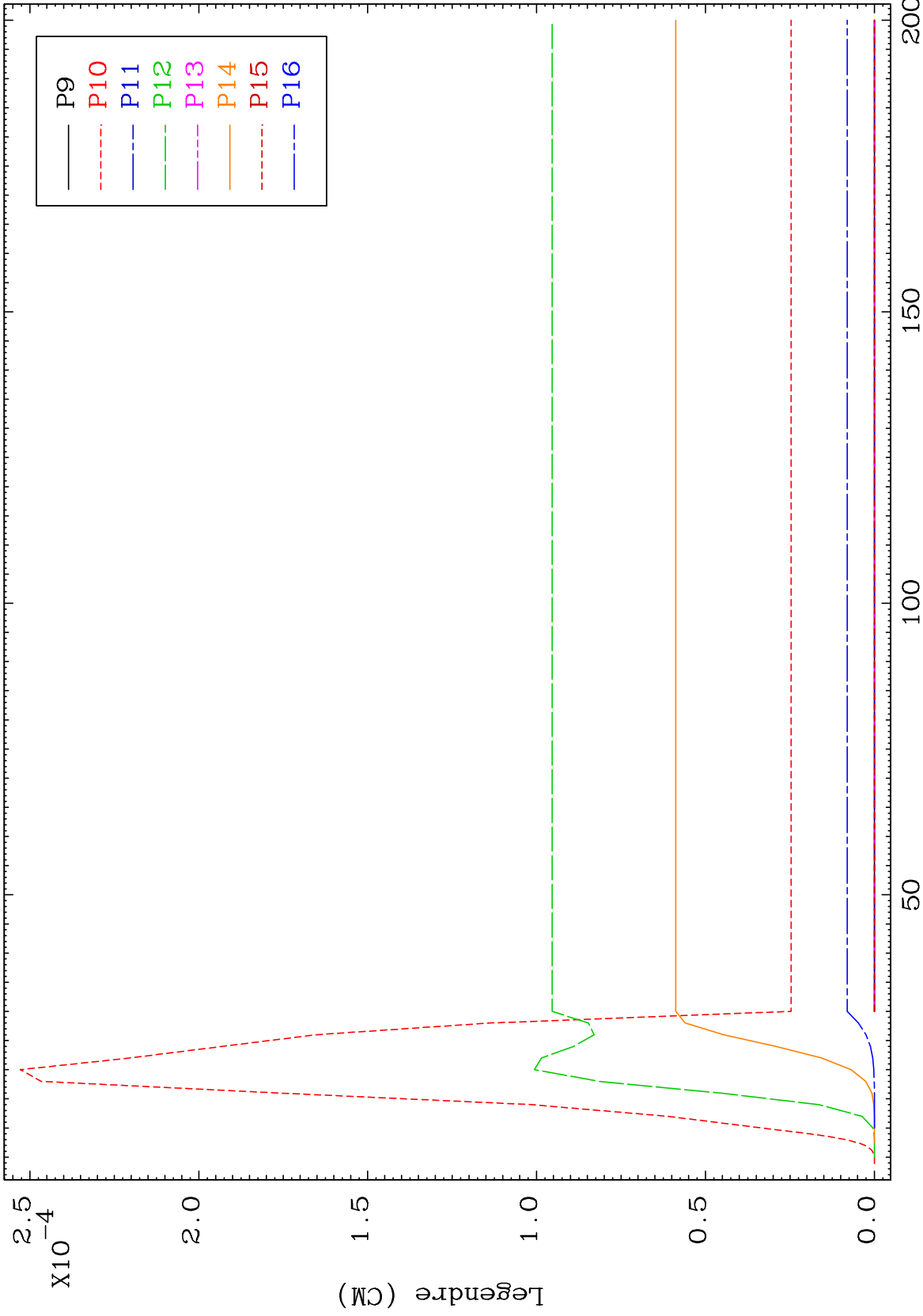
28-Ni-72



MAT 2867

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

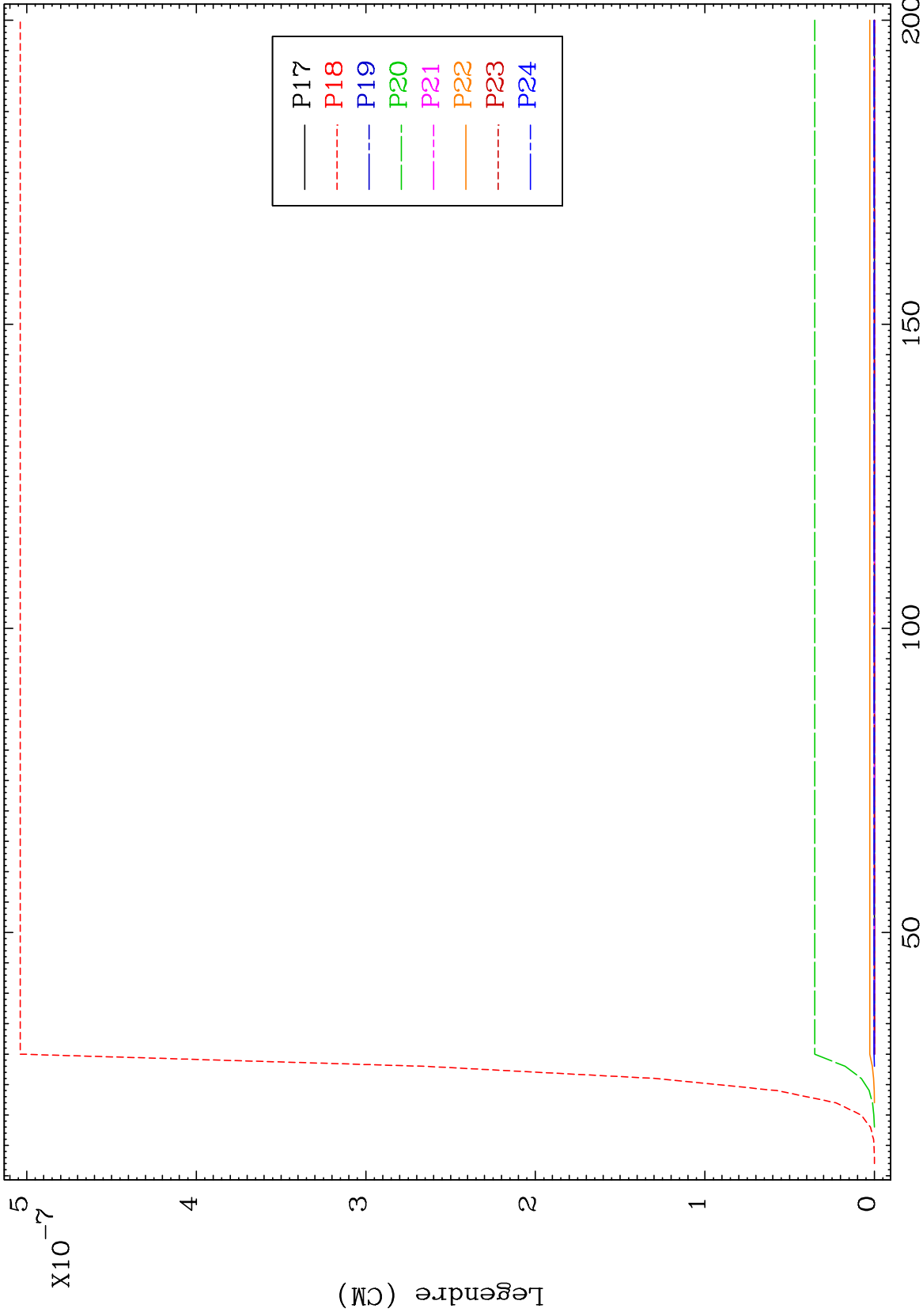
28-Ni-72



MAT 2867

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

28-Ni-72



81

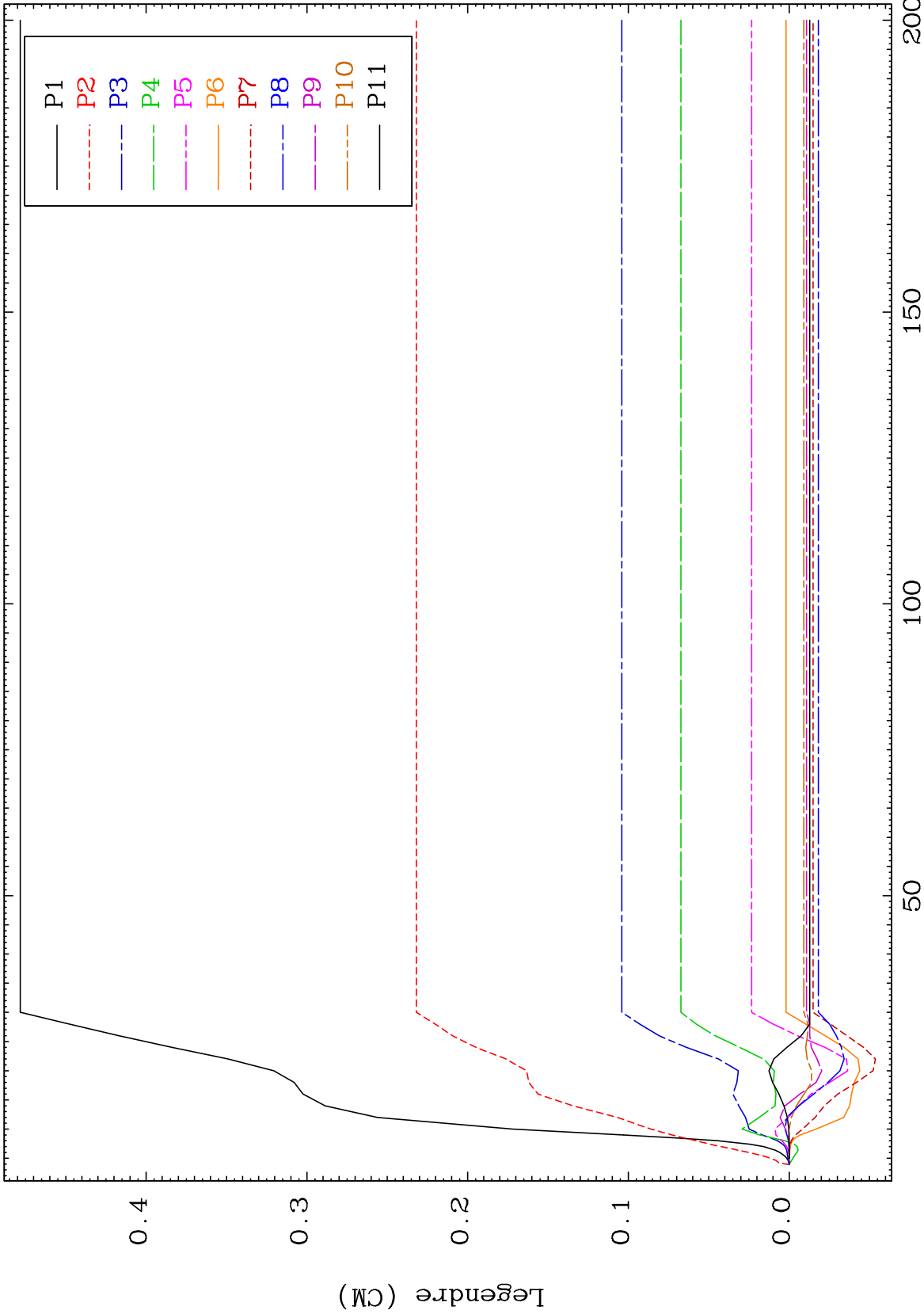
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



82

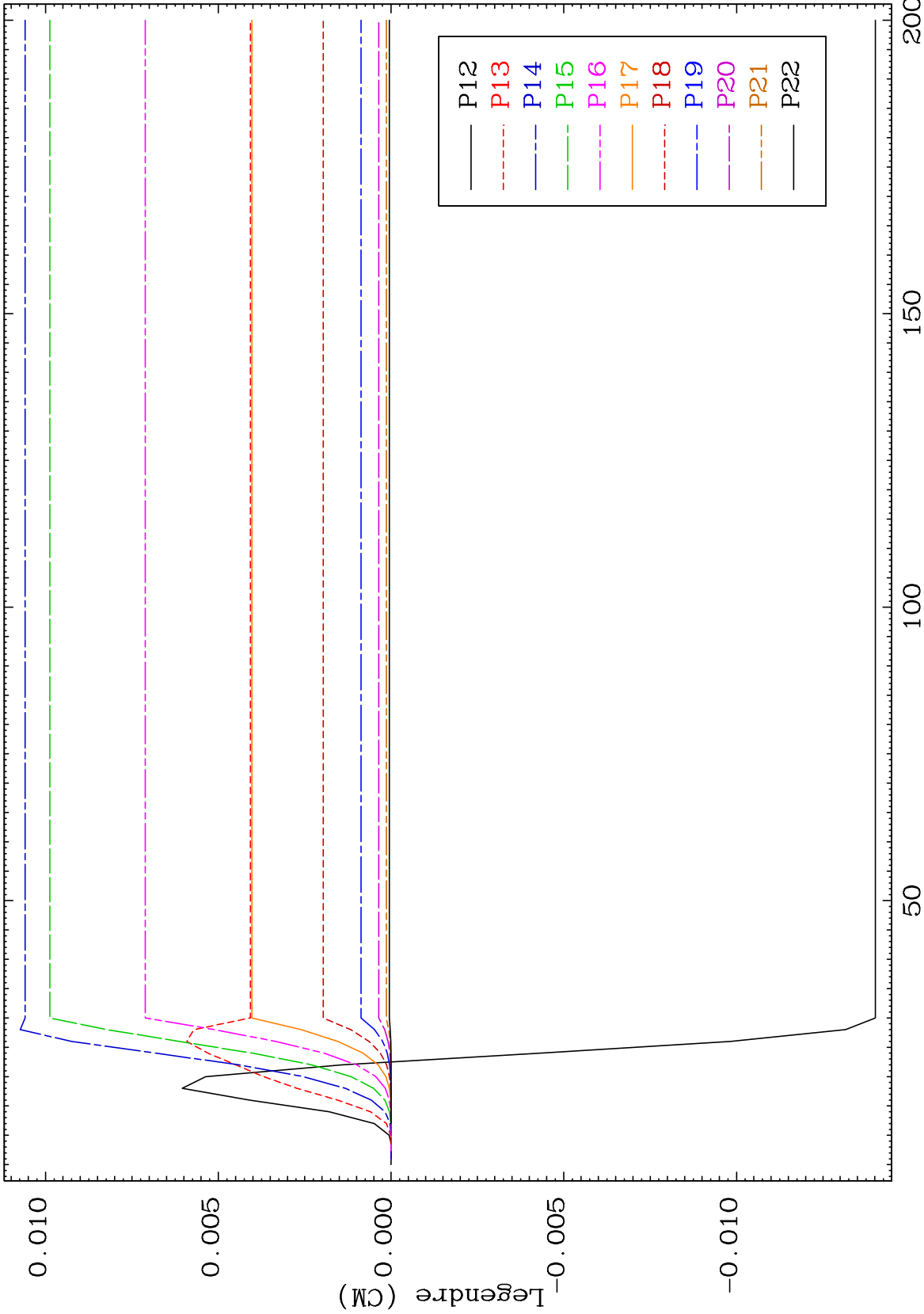
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



83

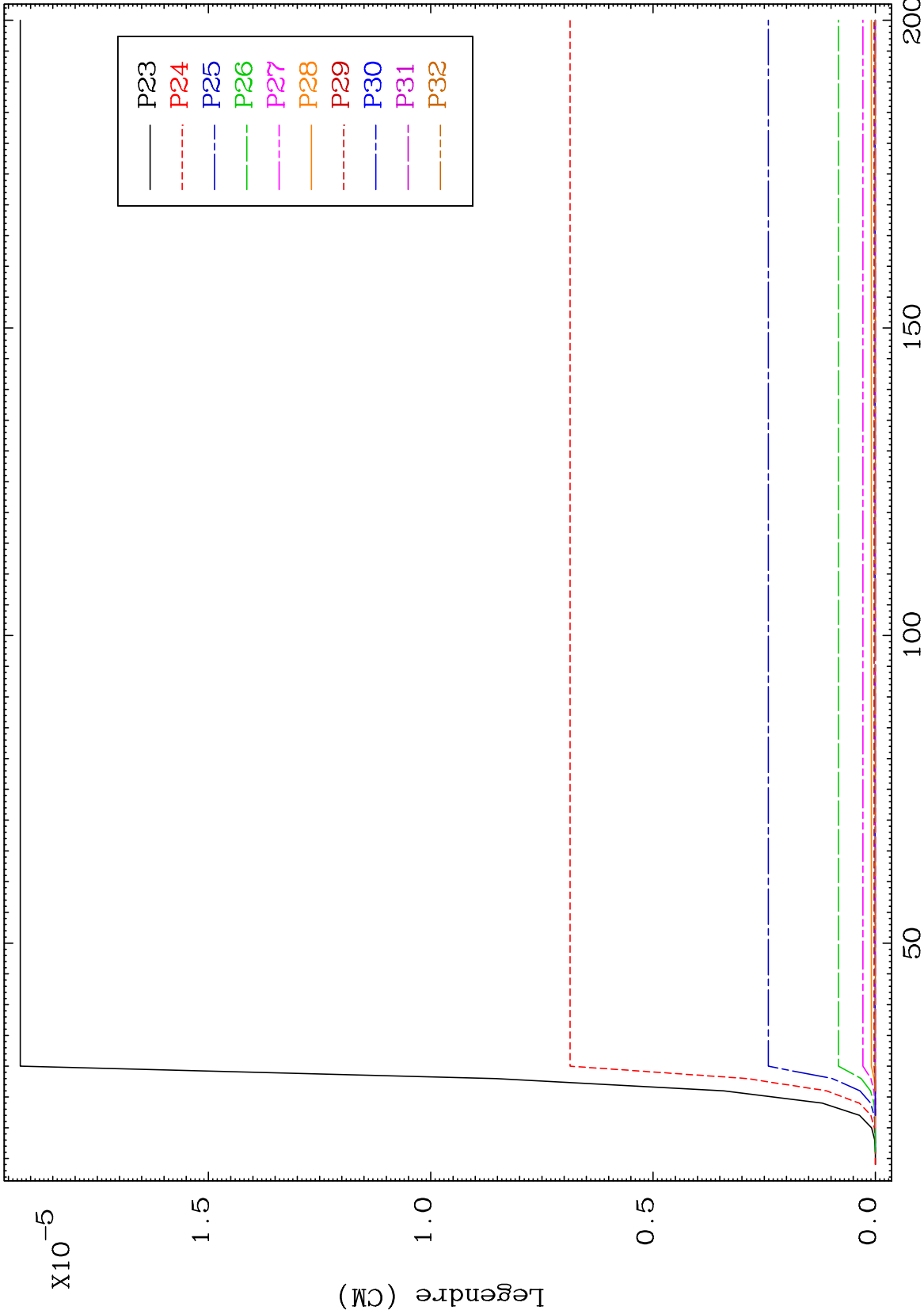
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



84

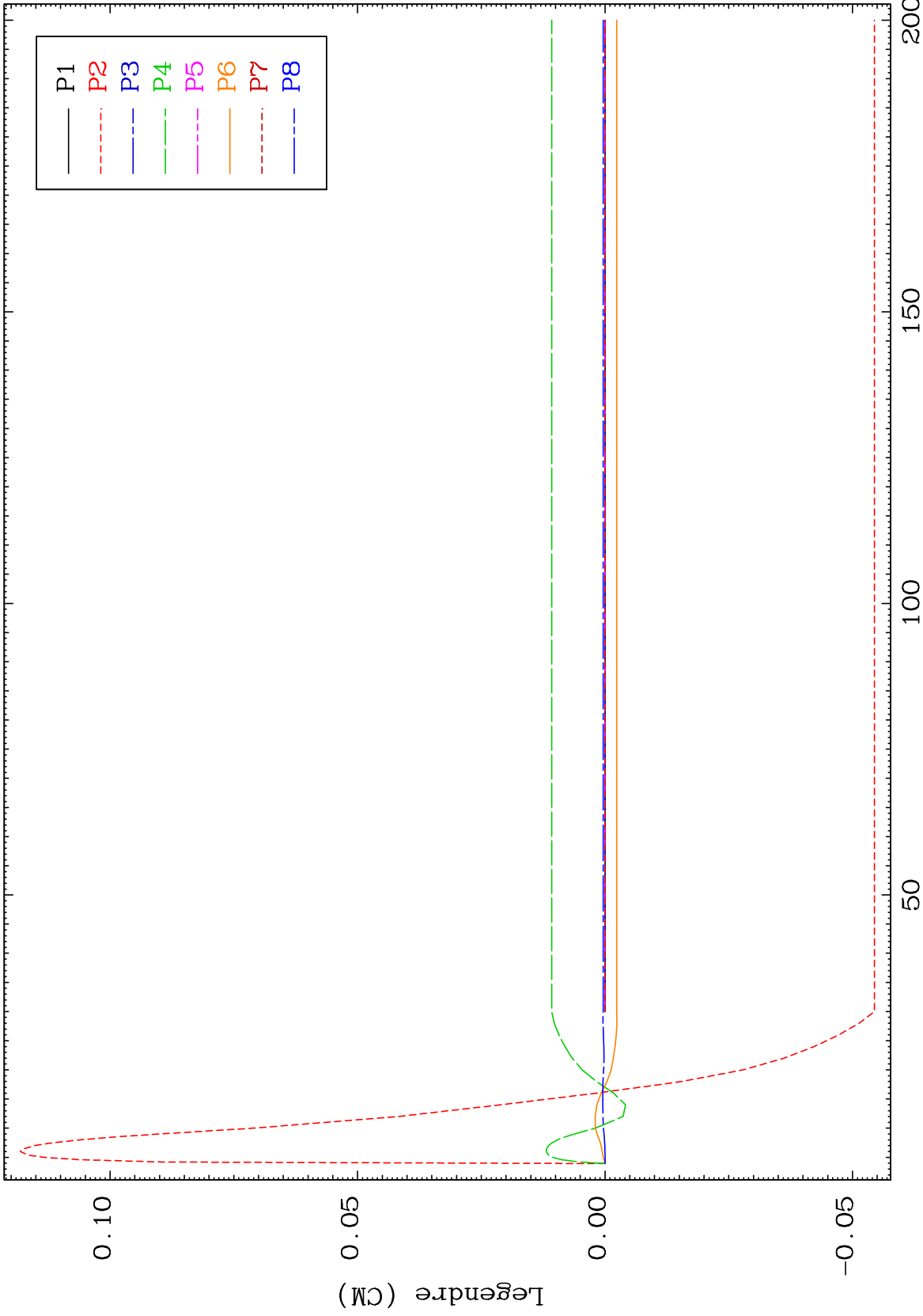
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



85

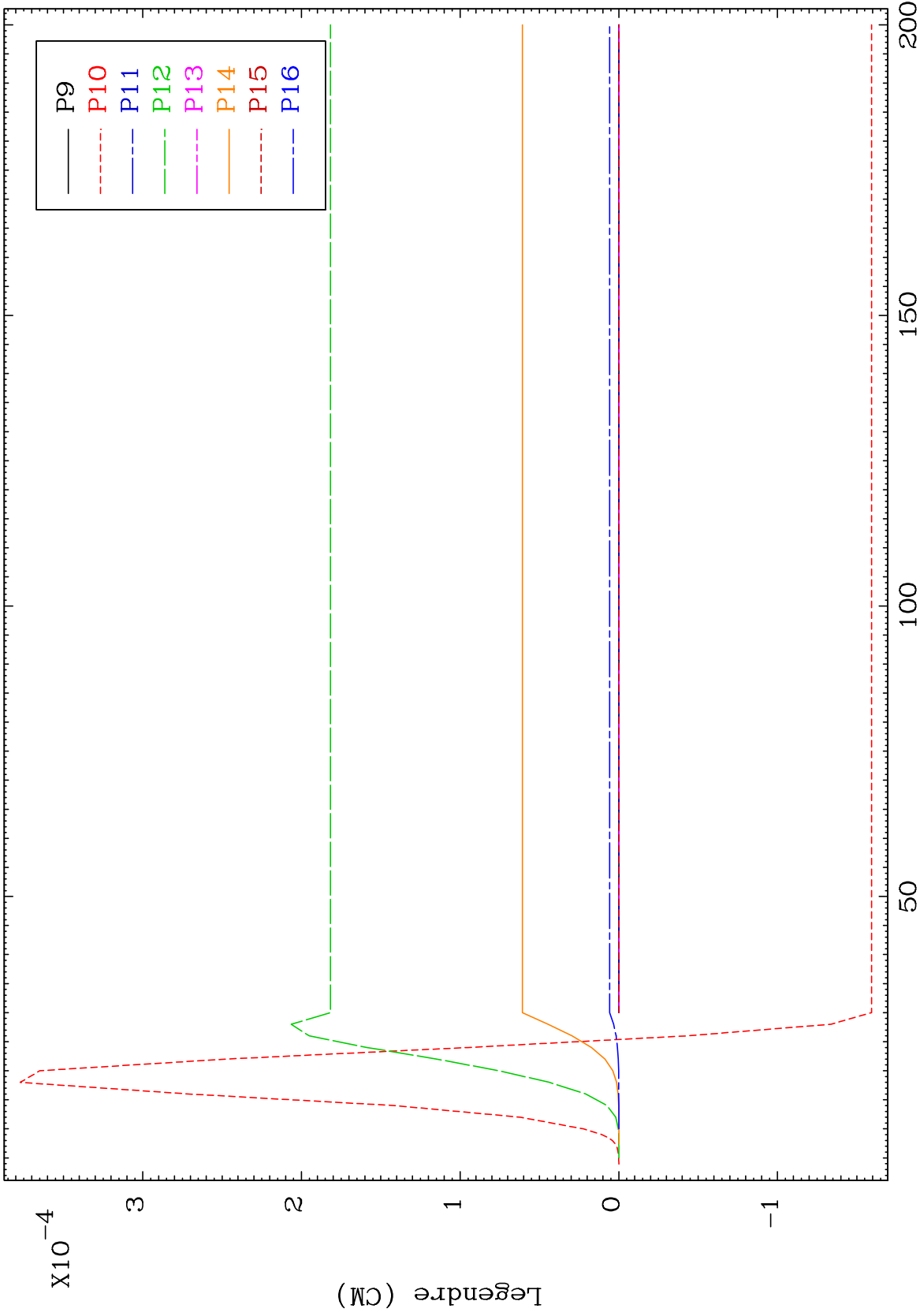
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



86

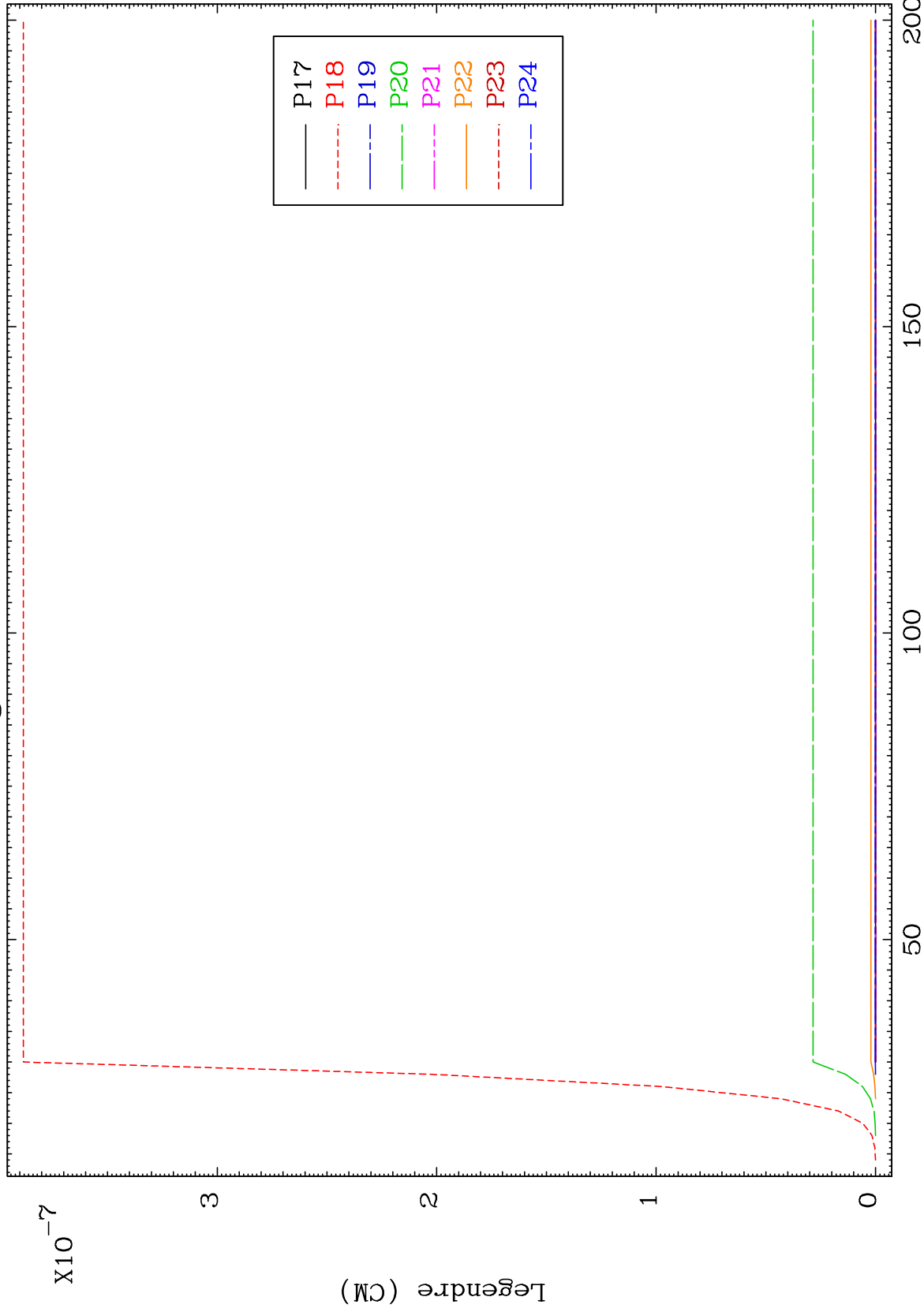
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



87

Incident Energy (MeV)

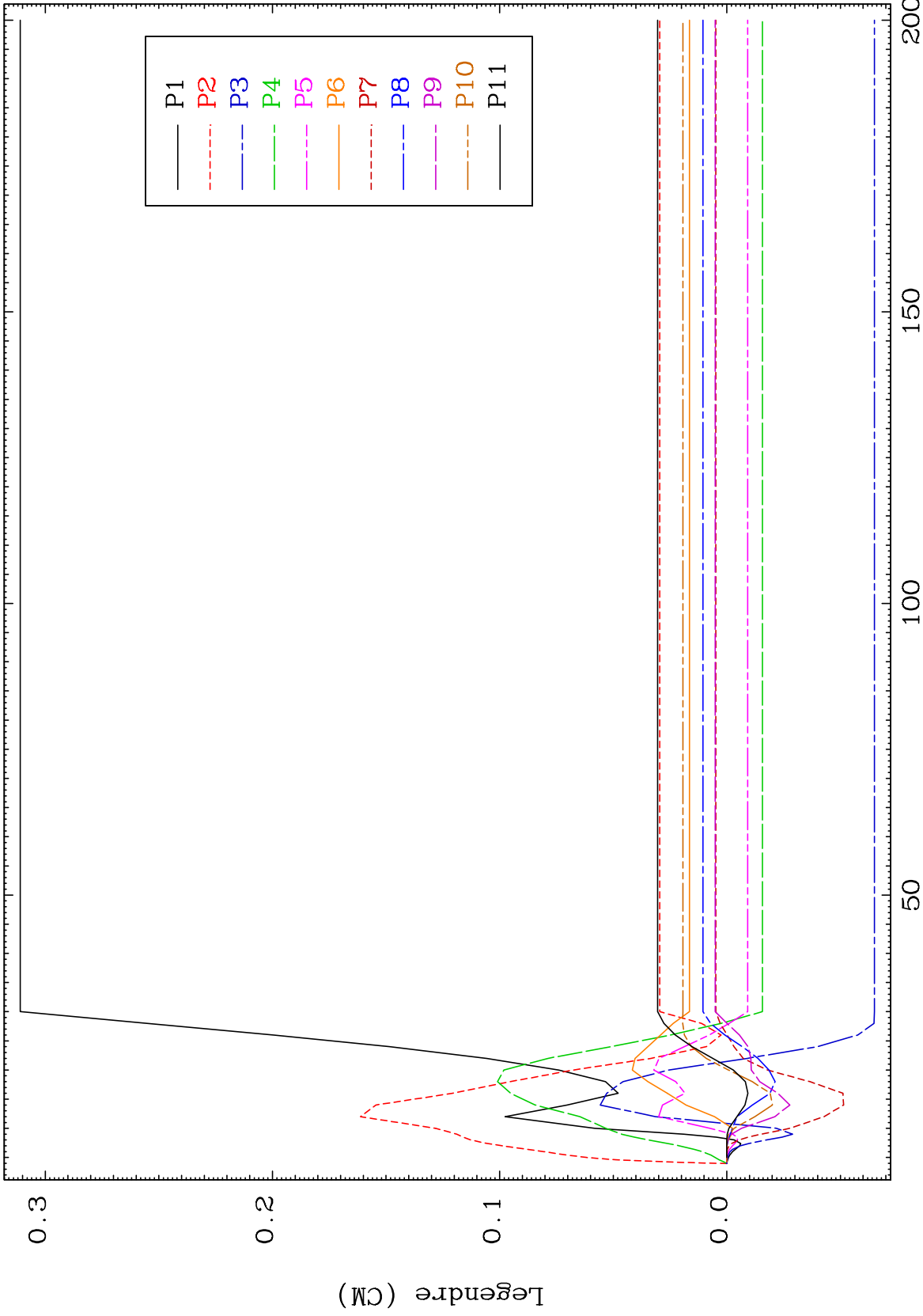
28-Ni-72



MAT 2867

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

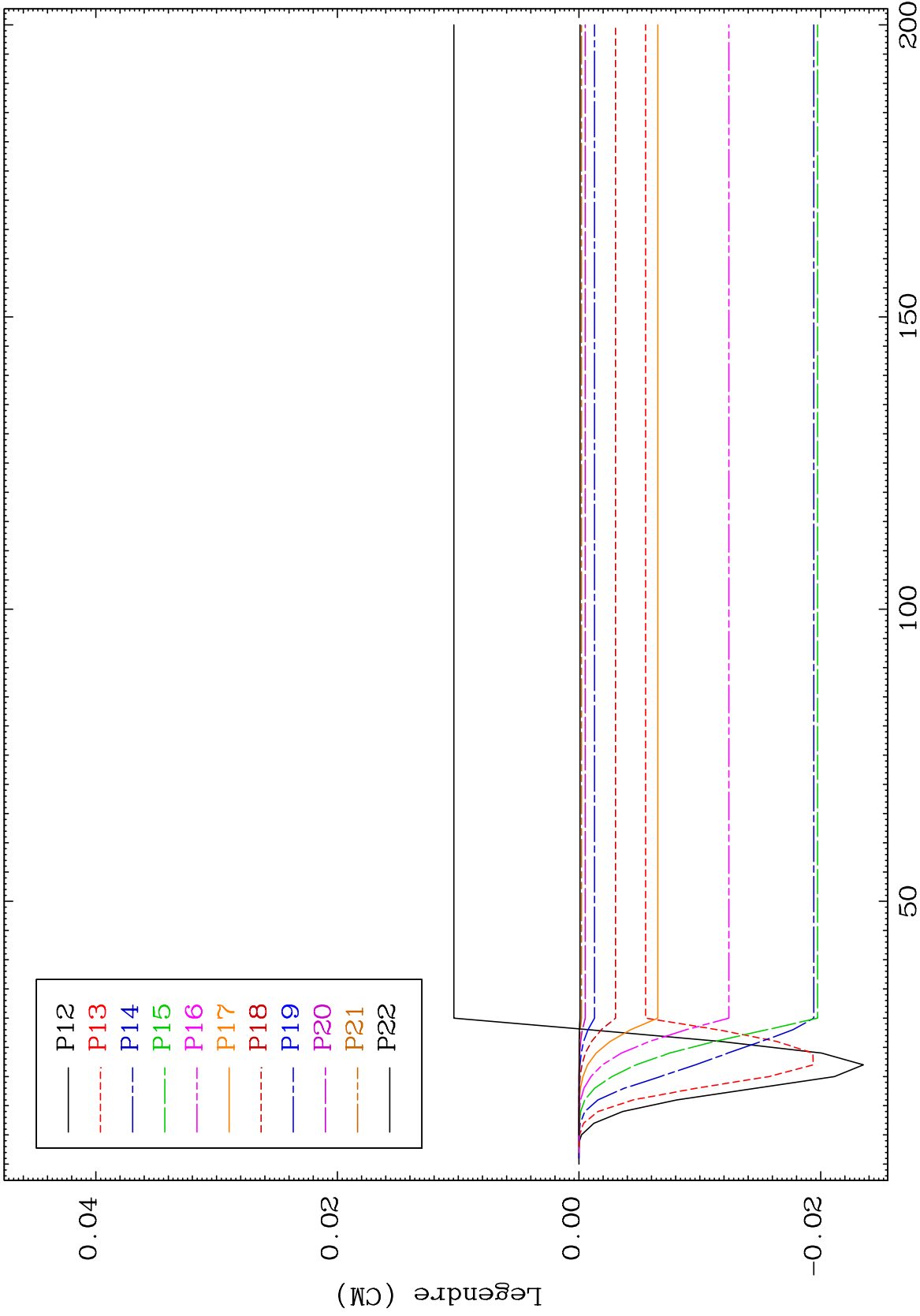
28-Ni-72



88

Incident Energy (MeV)

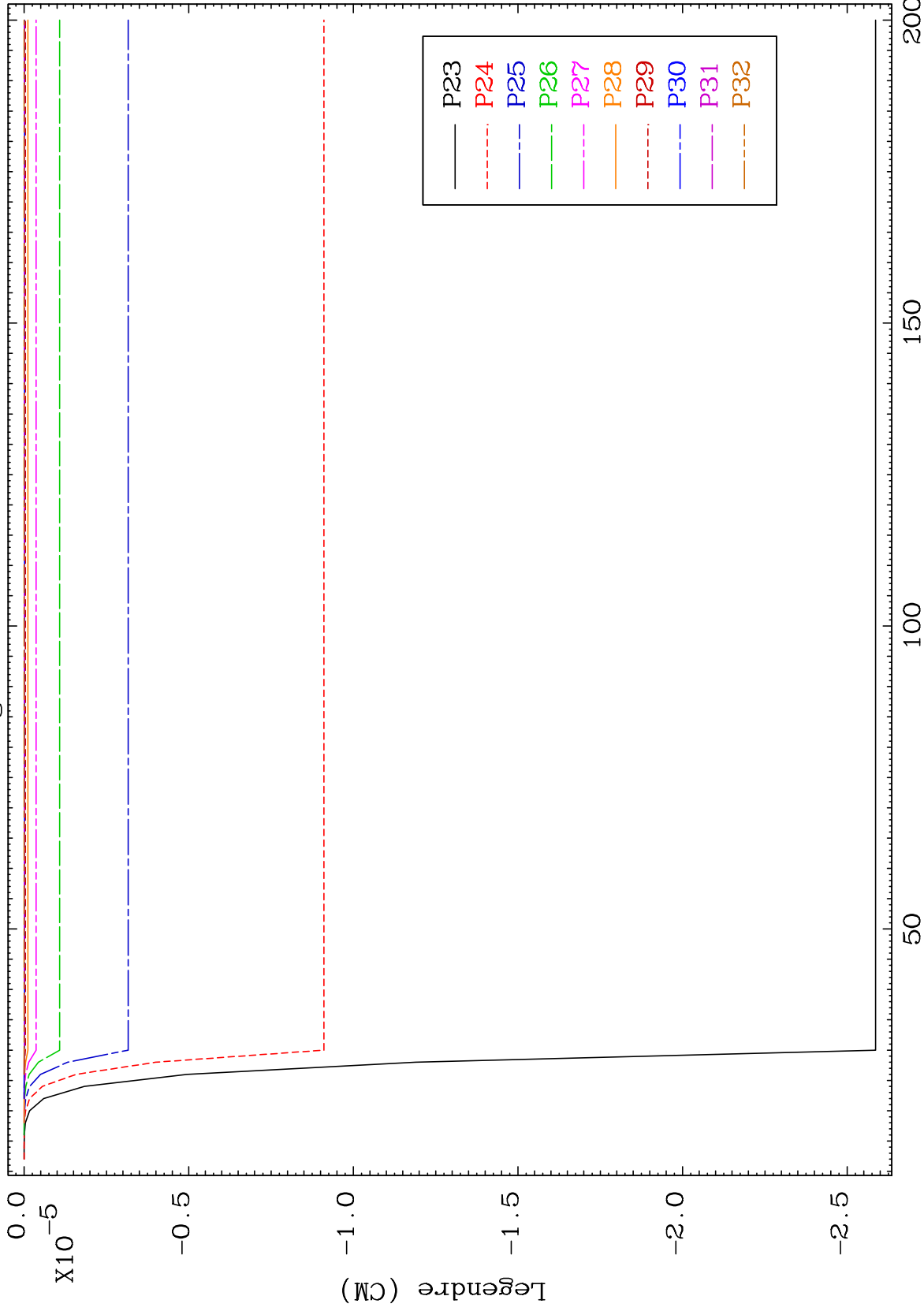
28-Ni-72



MAT 2867

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

28-Ni-72



28-Ni-72

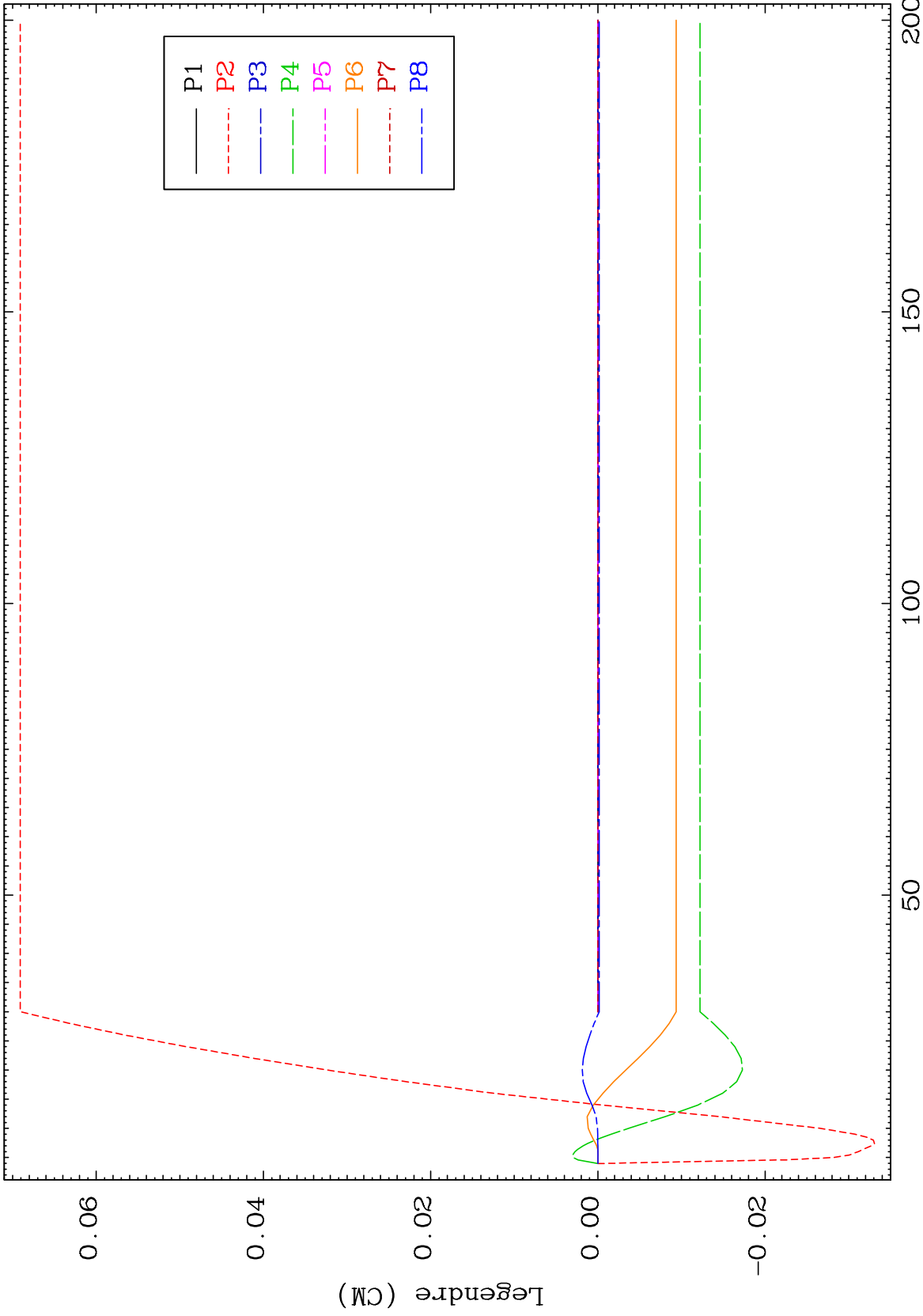
Incident Energy (MeV)

90

MAT 2867

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

28-Ni-72



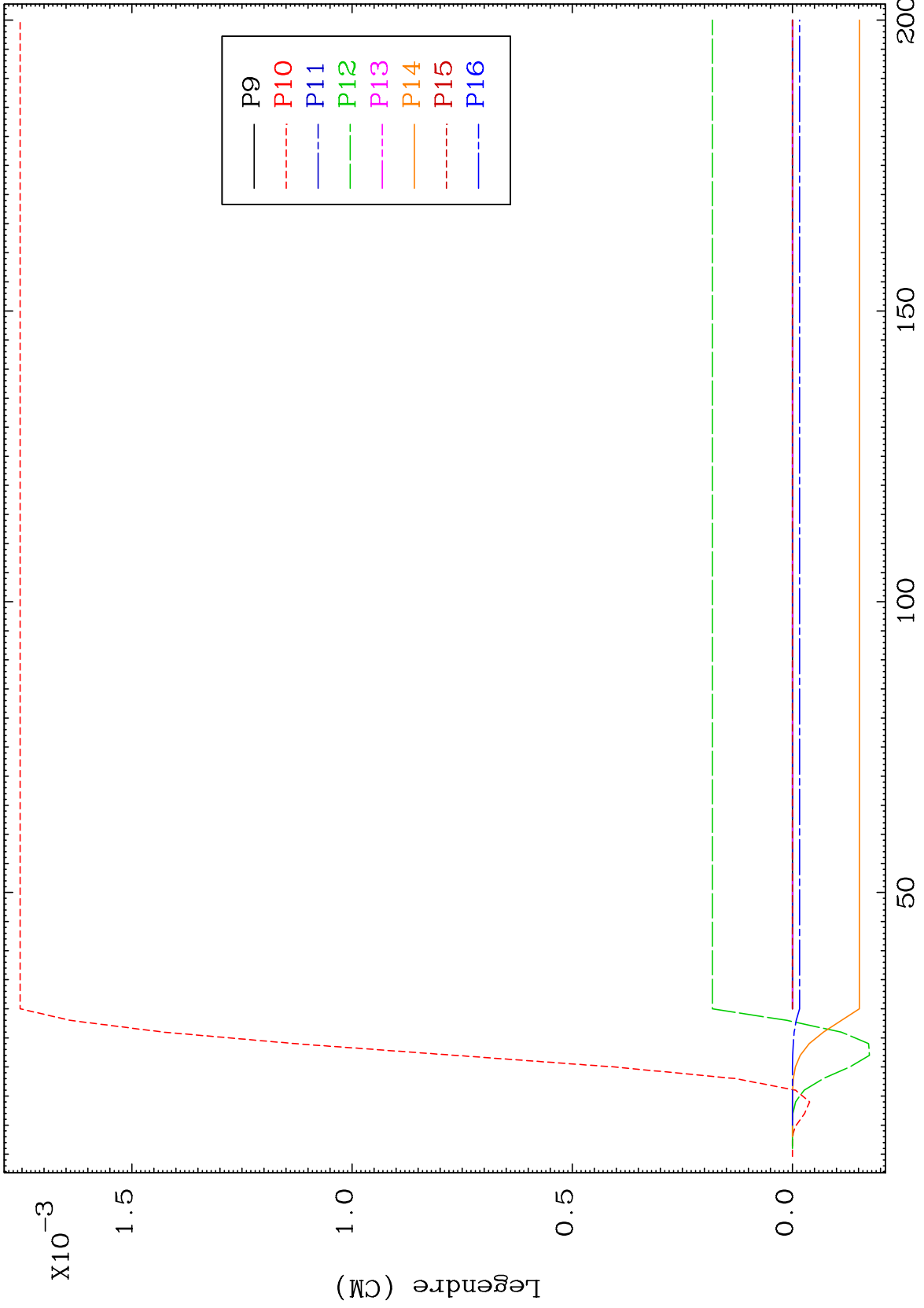
91

28-Ni-72

MAT 2867

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

28-Ni-72



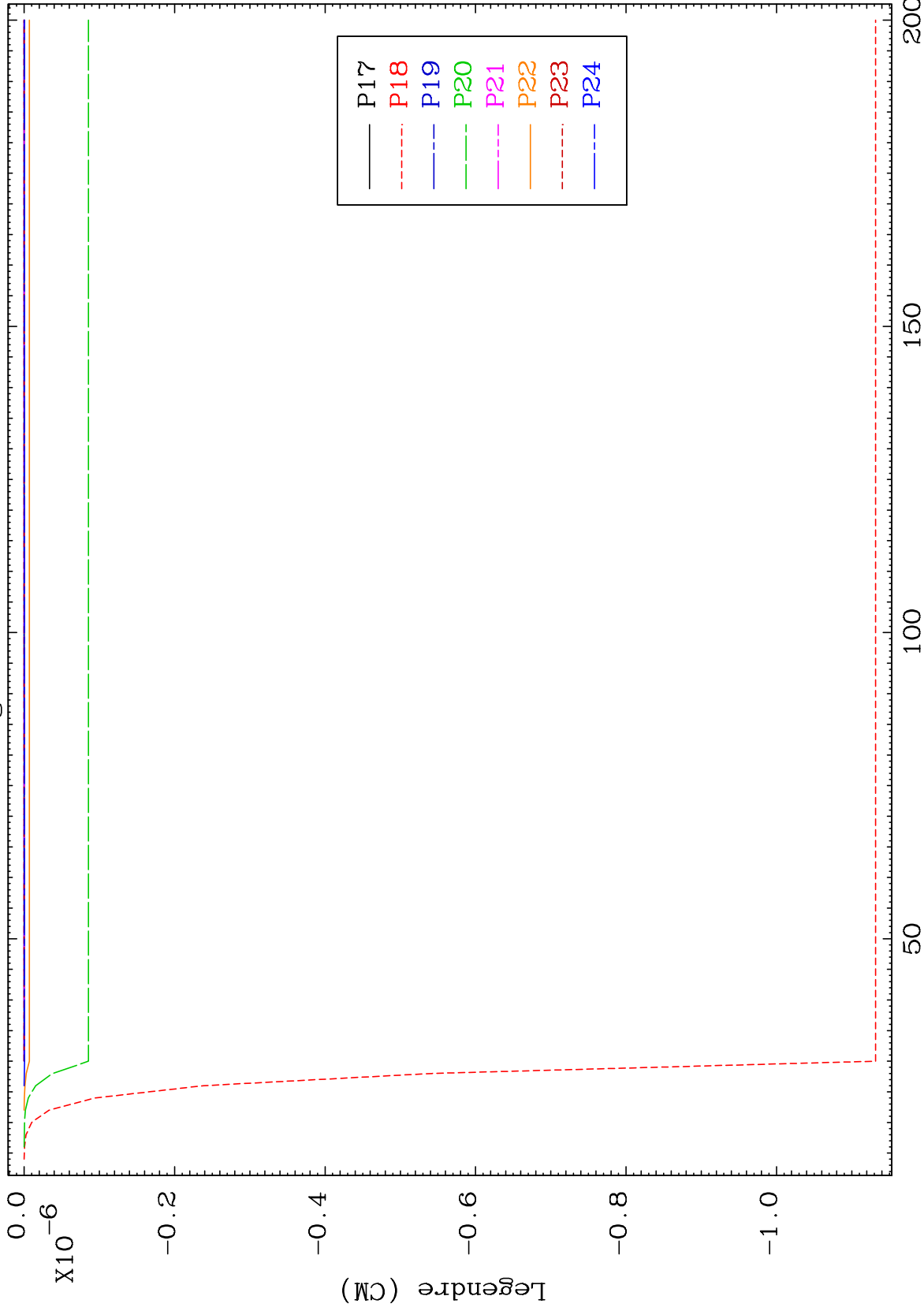
92

28-Ni-72

MAT 2867

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

28-Ni-72



93

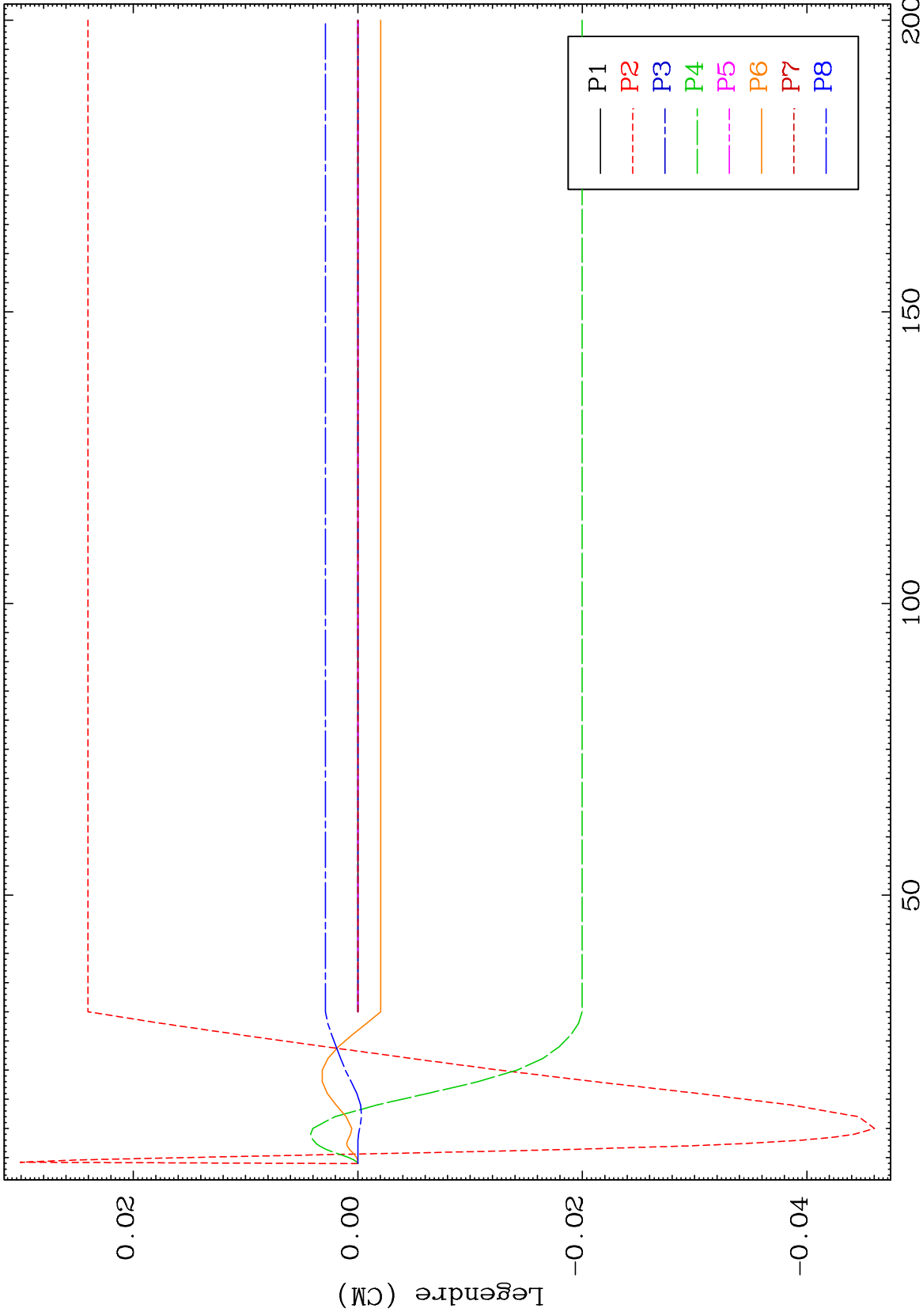
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



94

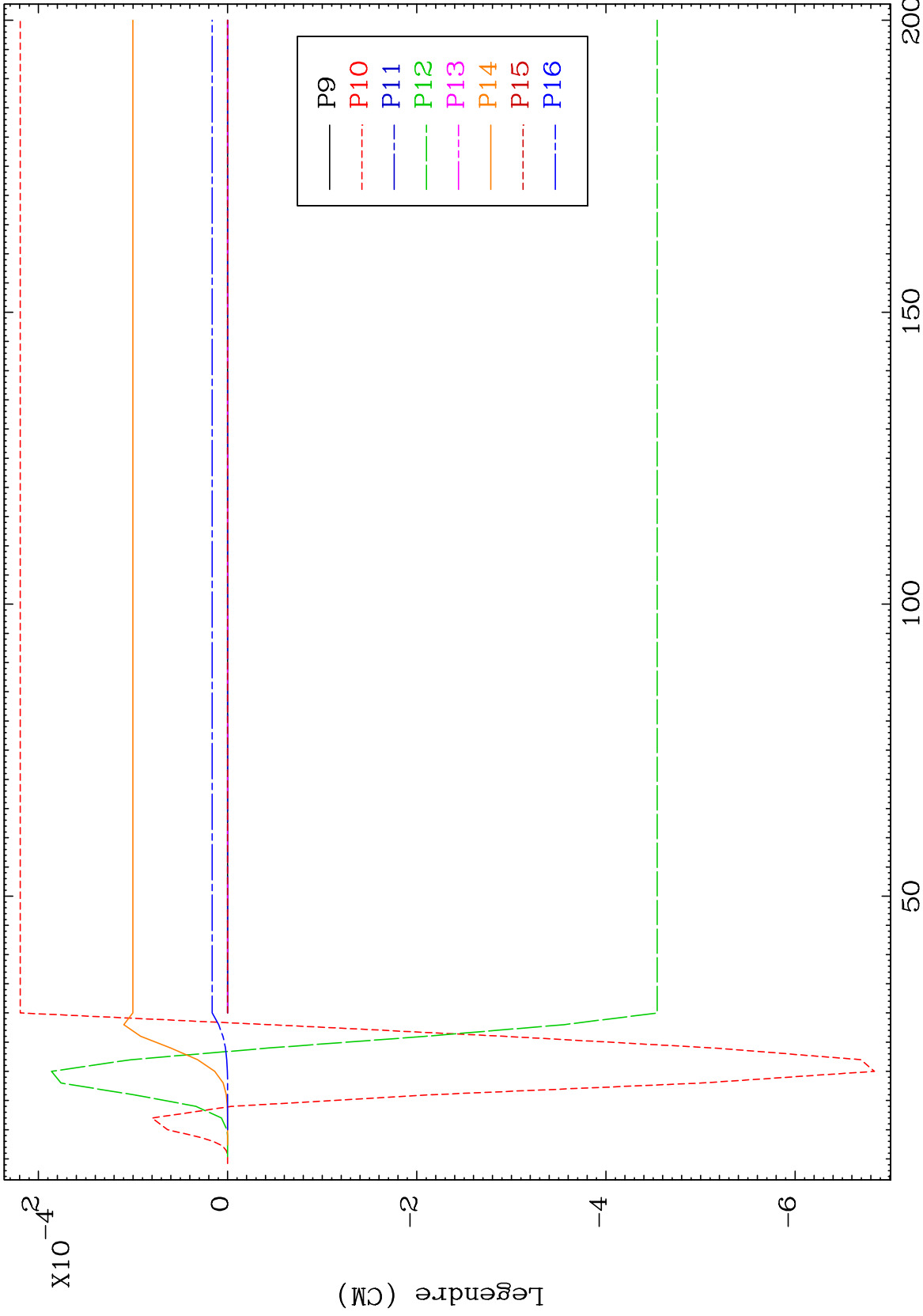
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



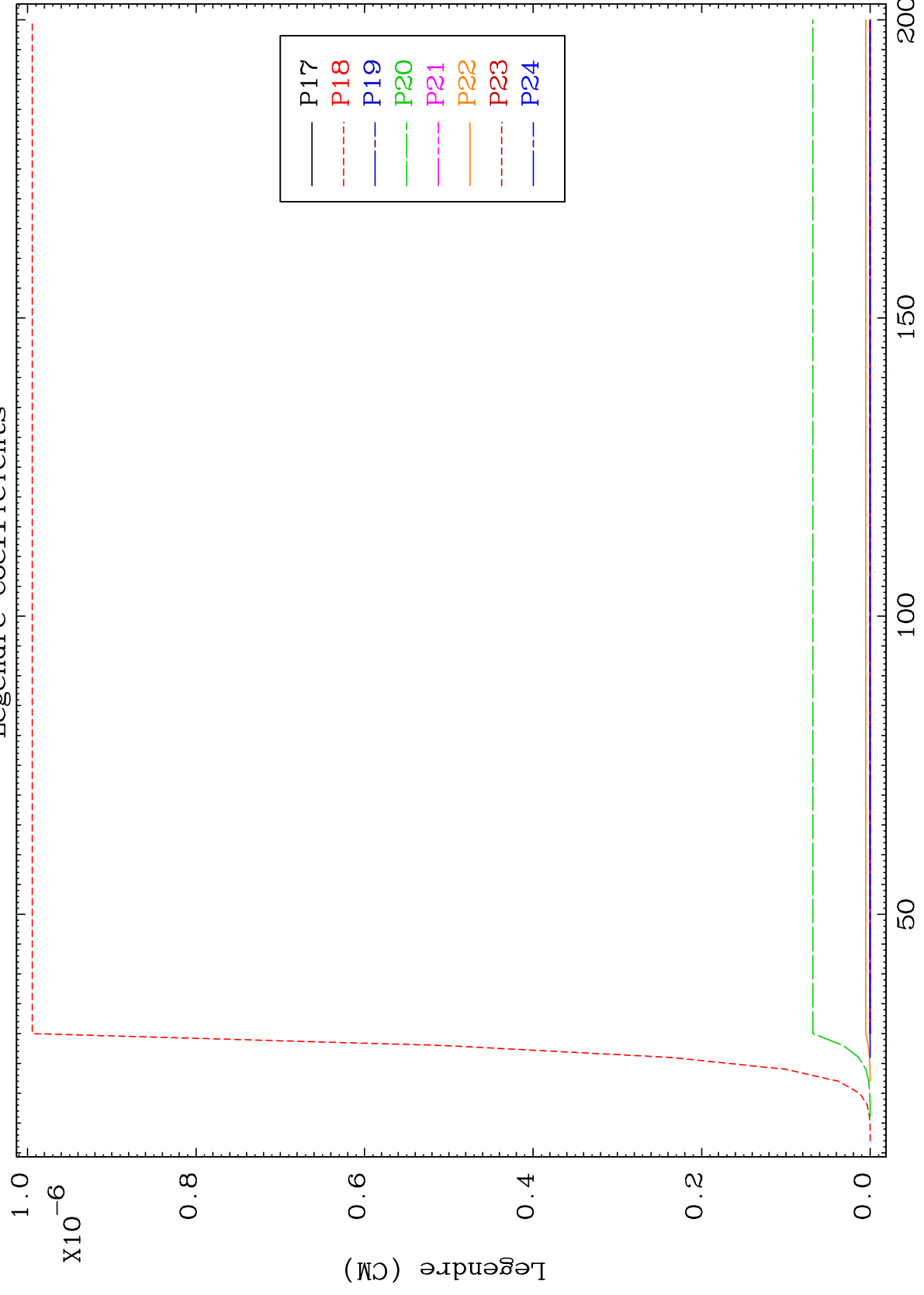
95

Incident Energy (MeV)

28-Ni-72



MAT 2867 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-72

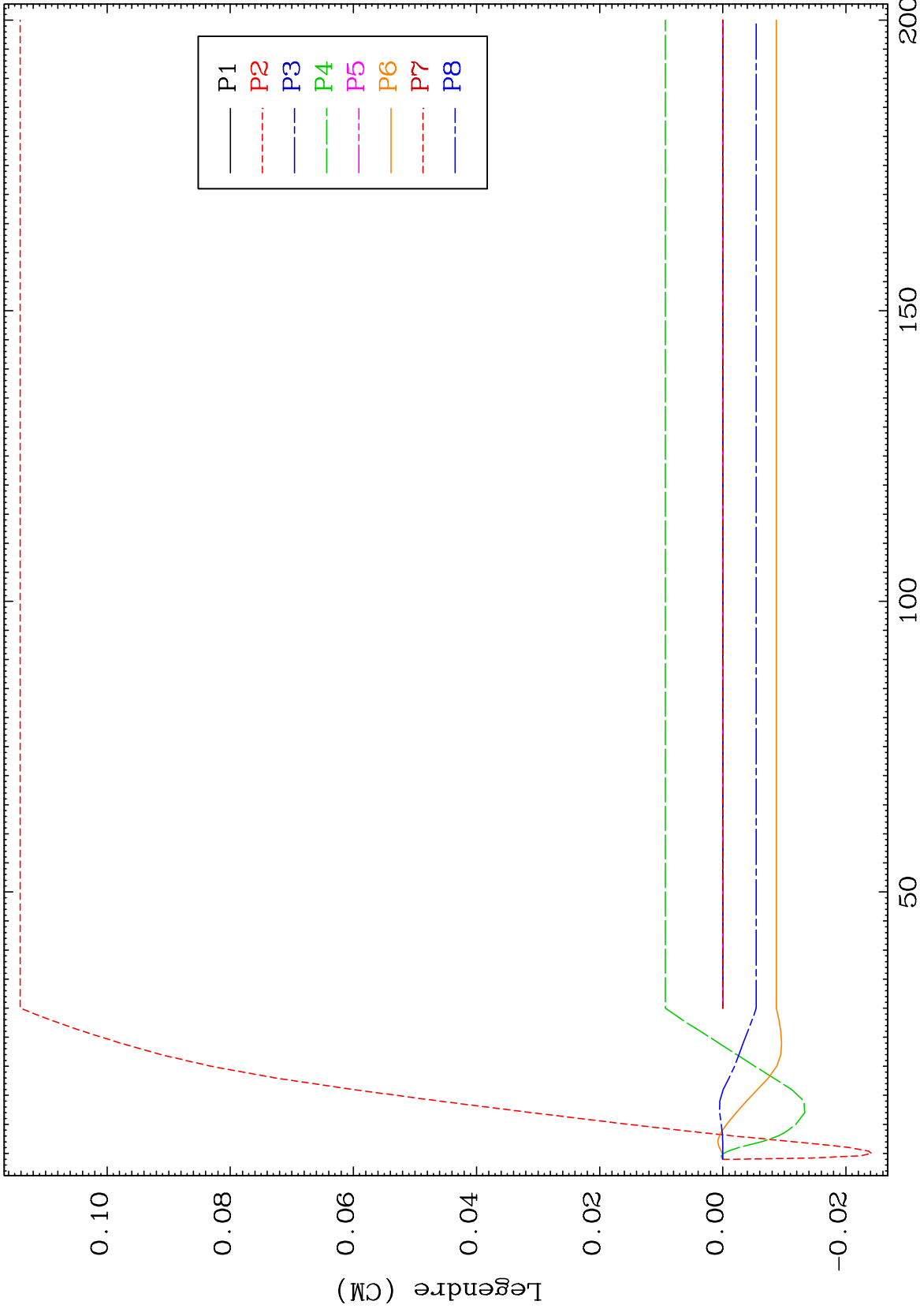


96 28-Ni-72

MAT 2867

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

28-Ni-72



97

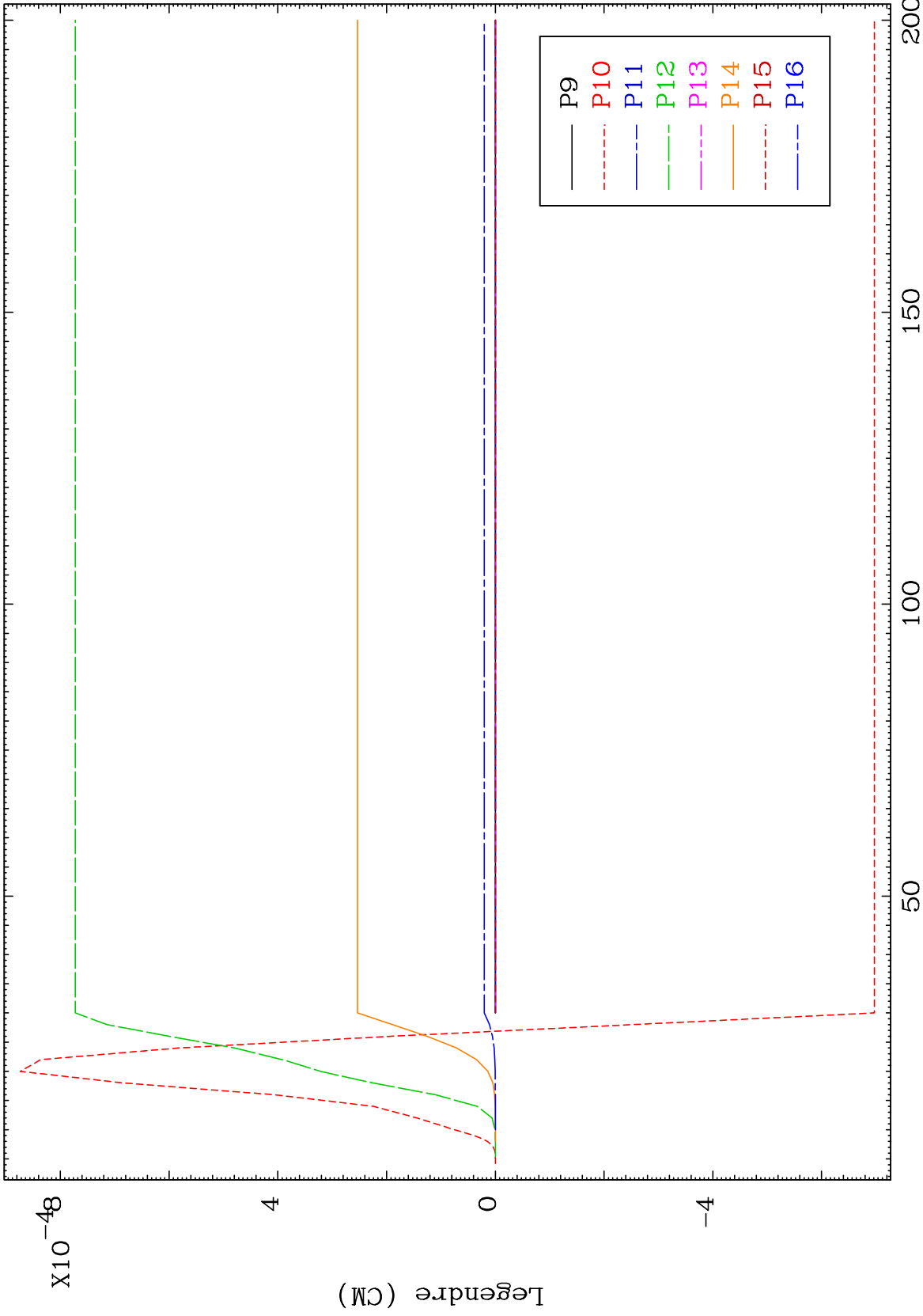
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



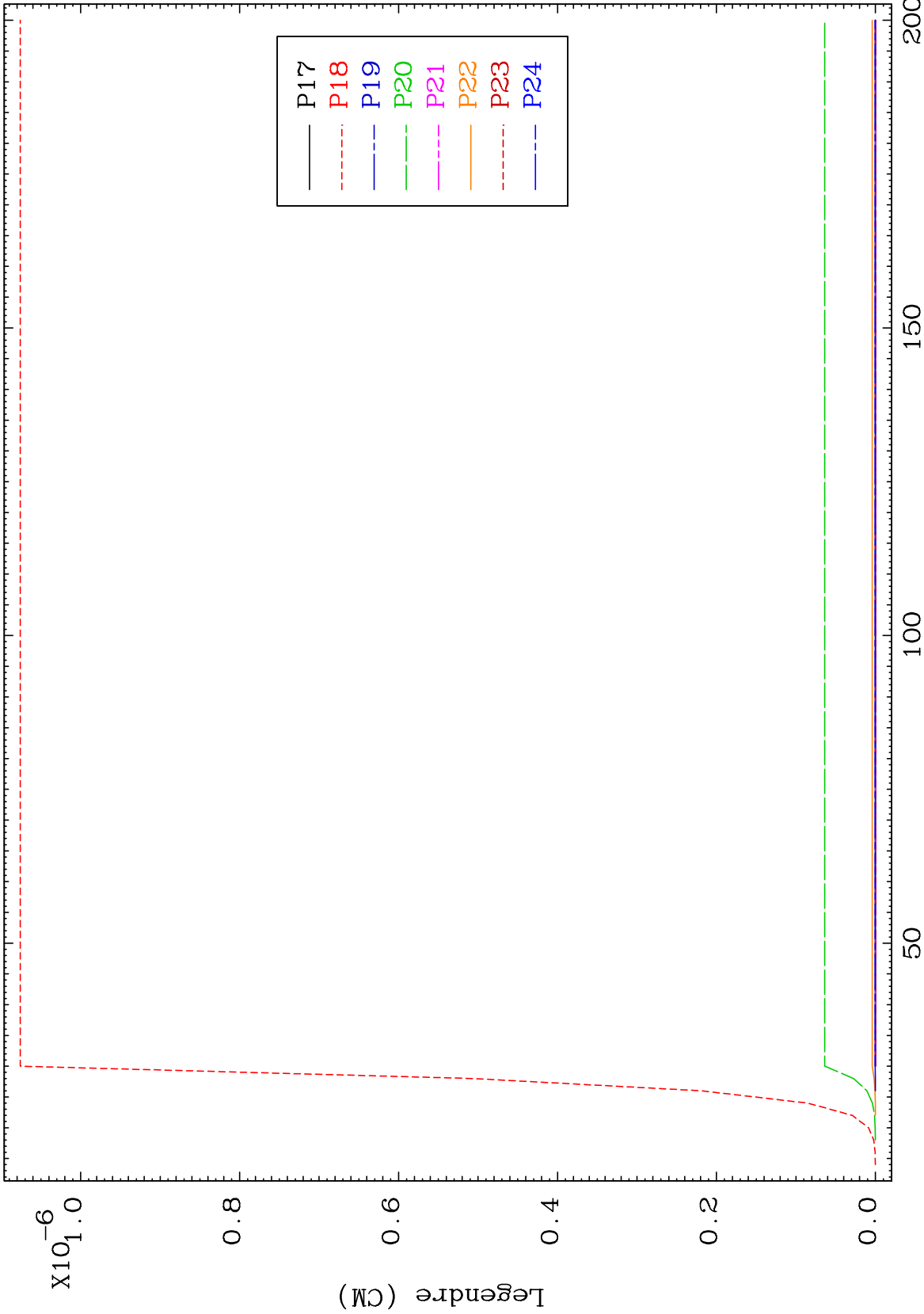
98

28-Ni-72

MAT 2867

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

28-Ni-72



99

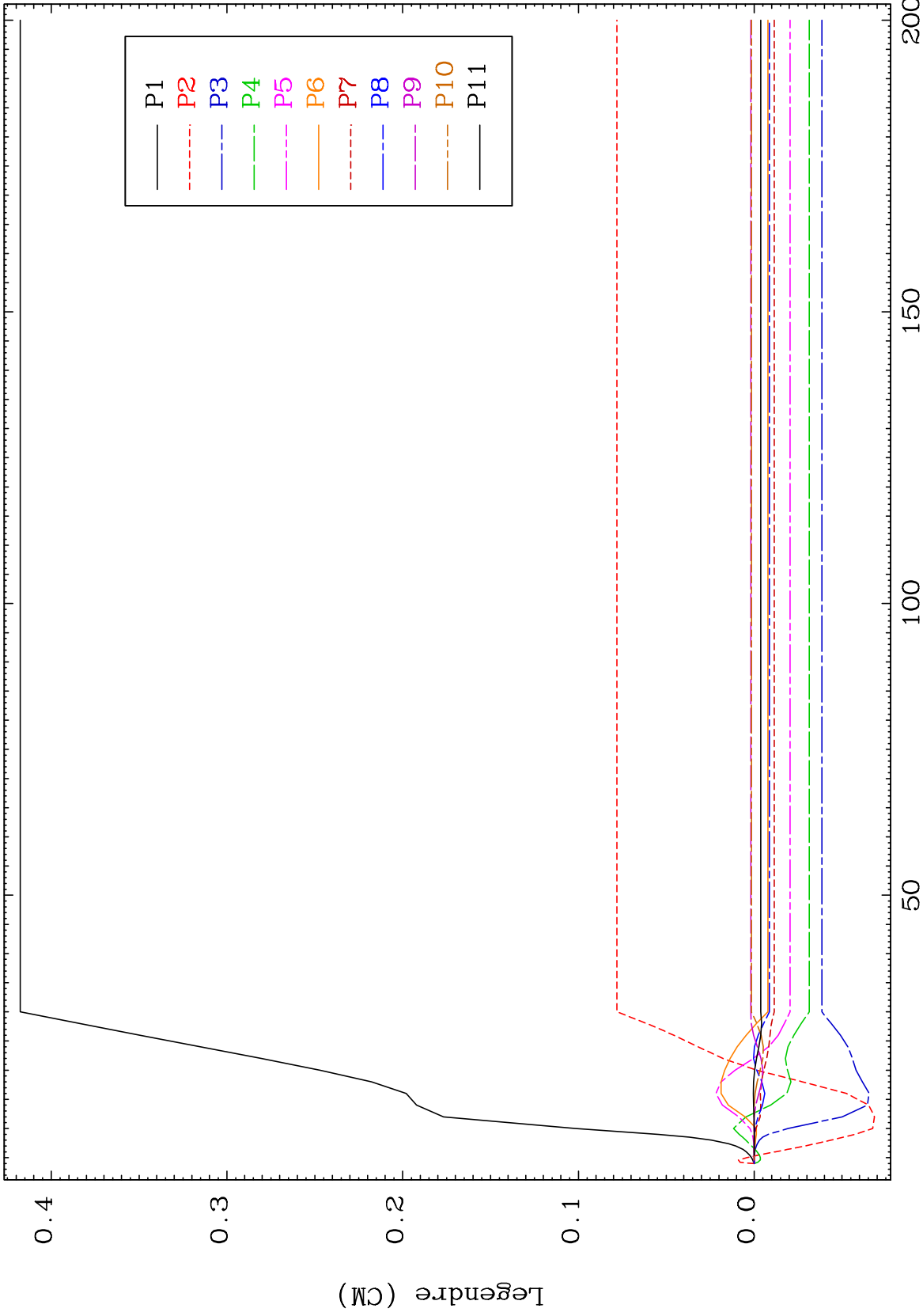
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

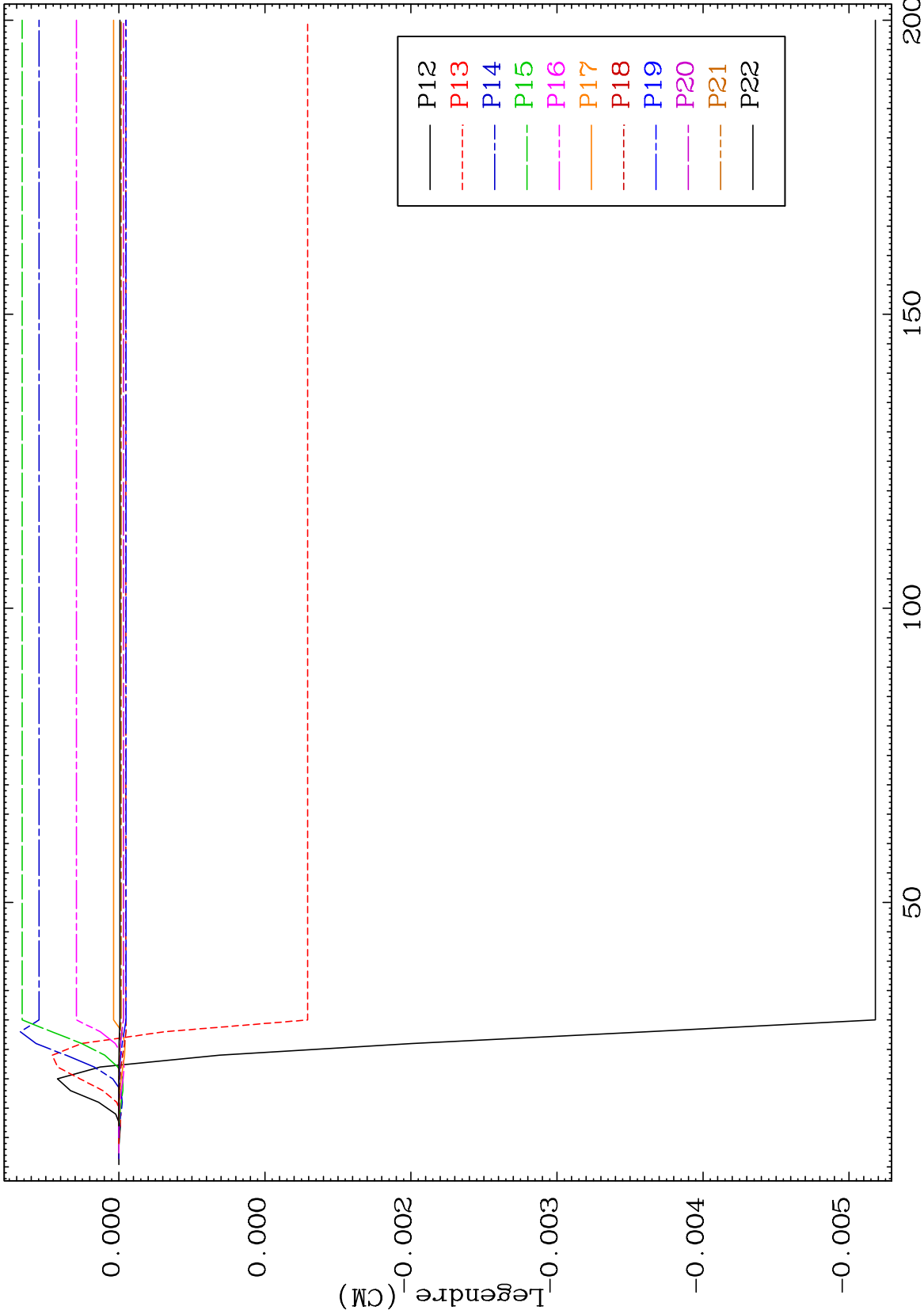
Incident Energy (MeV)

Legendre (CM)

MAT 2867

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

28-Ni-72



101

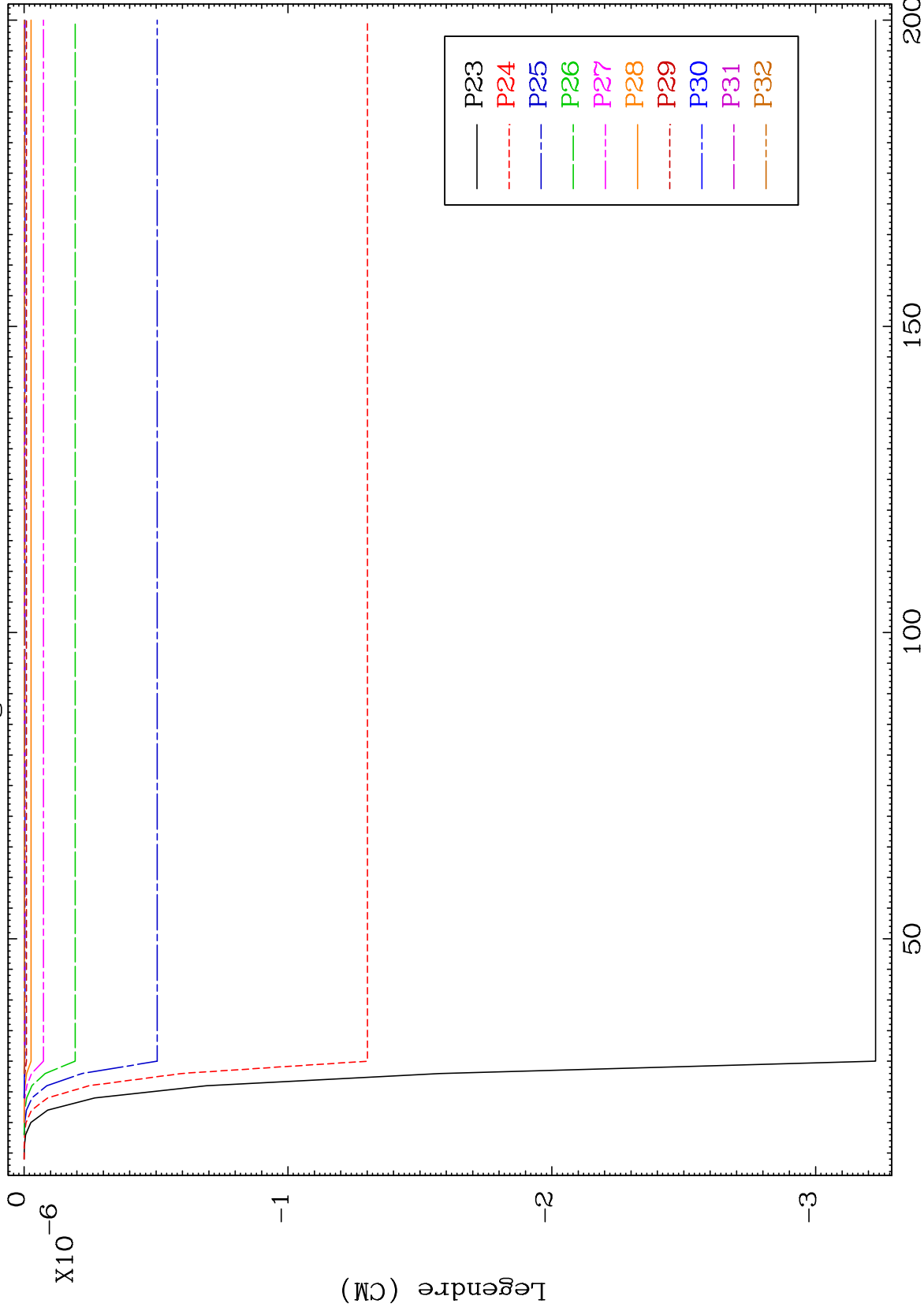
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

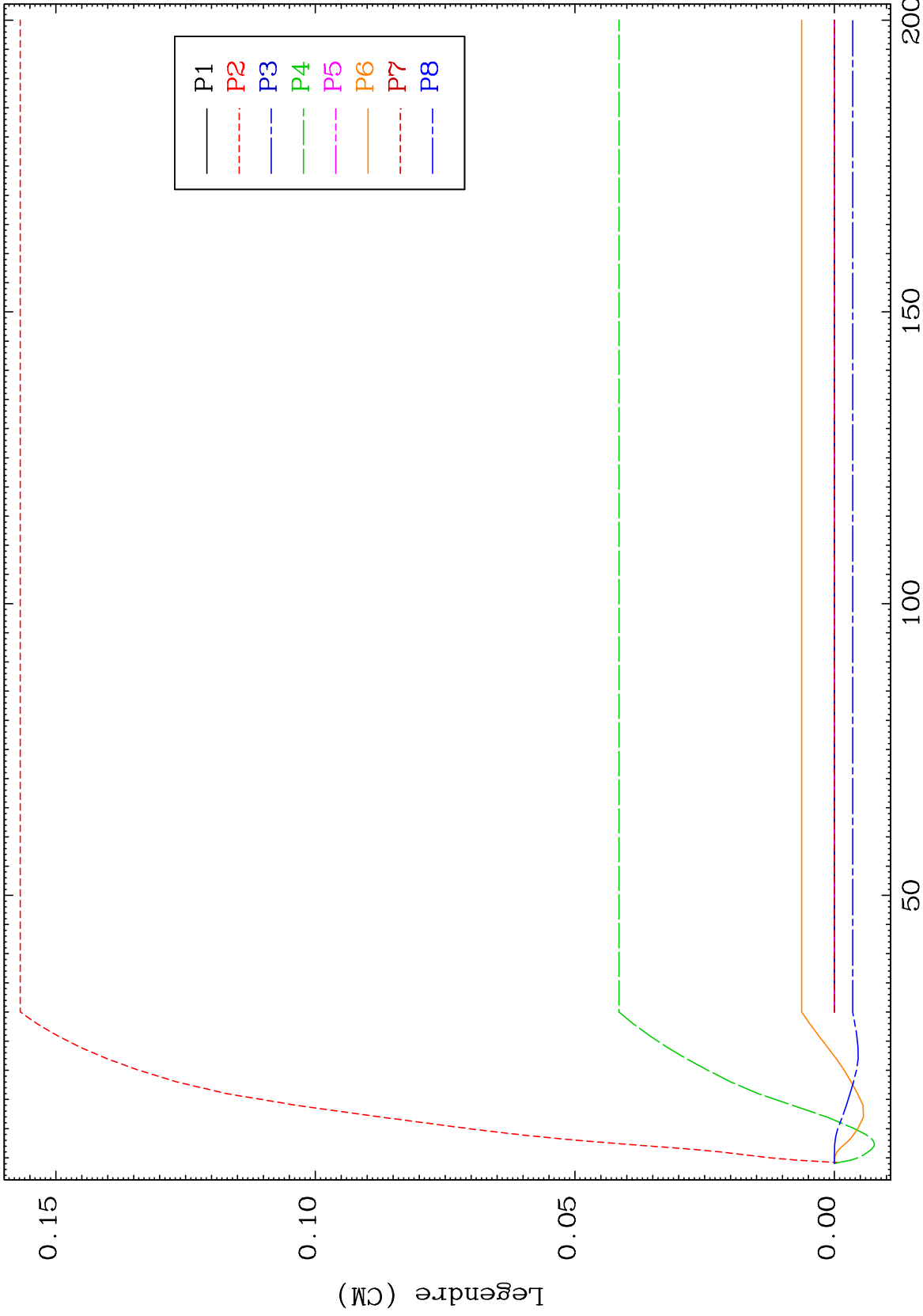
Incident Energy (MeV)

102

MAT 2867

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

28-Ni-72



28-Ni-72

Incident Energy (MeV)

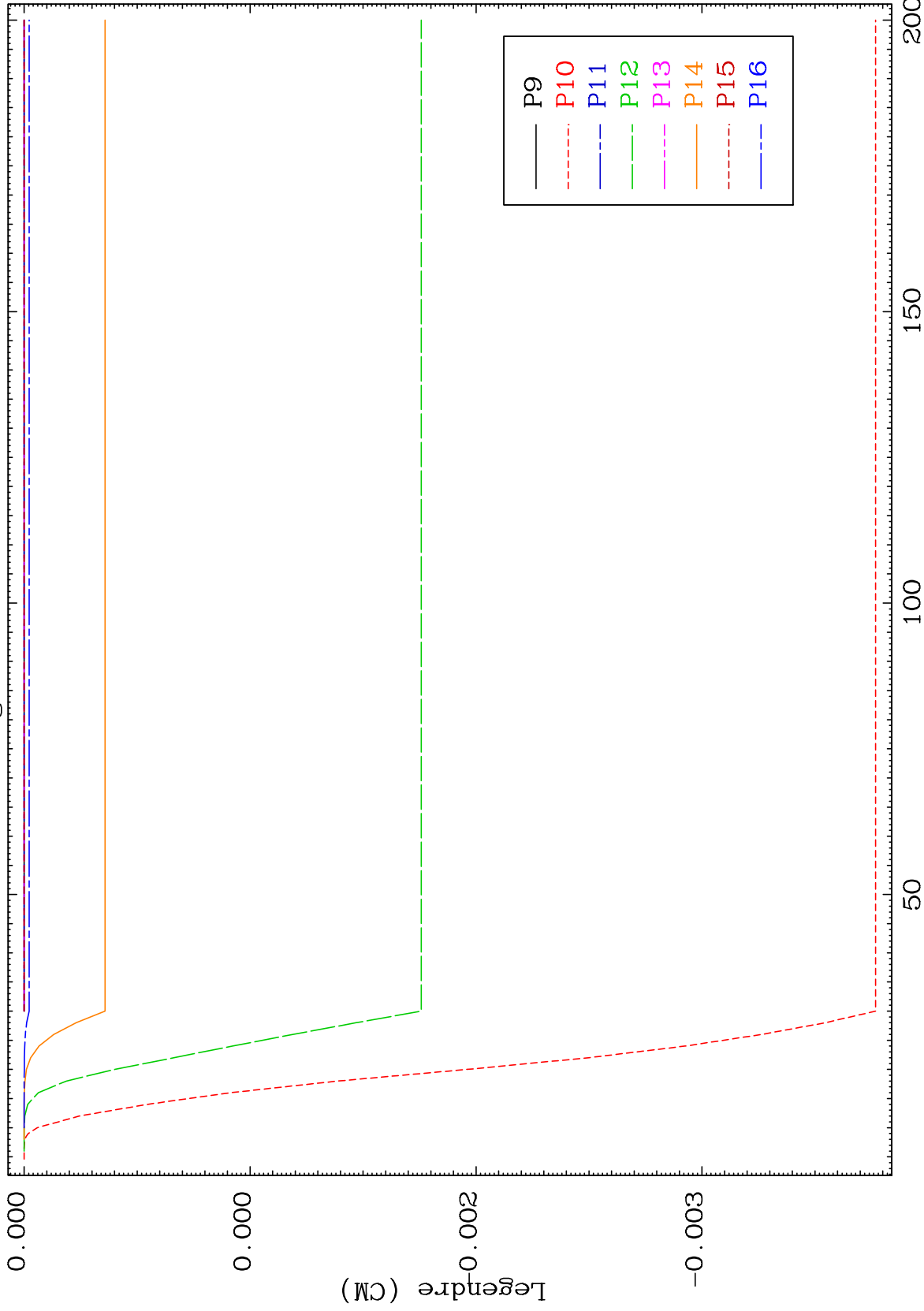
103



MAT 2867

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

<sup>28</sup>Ni-72

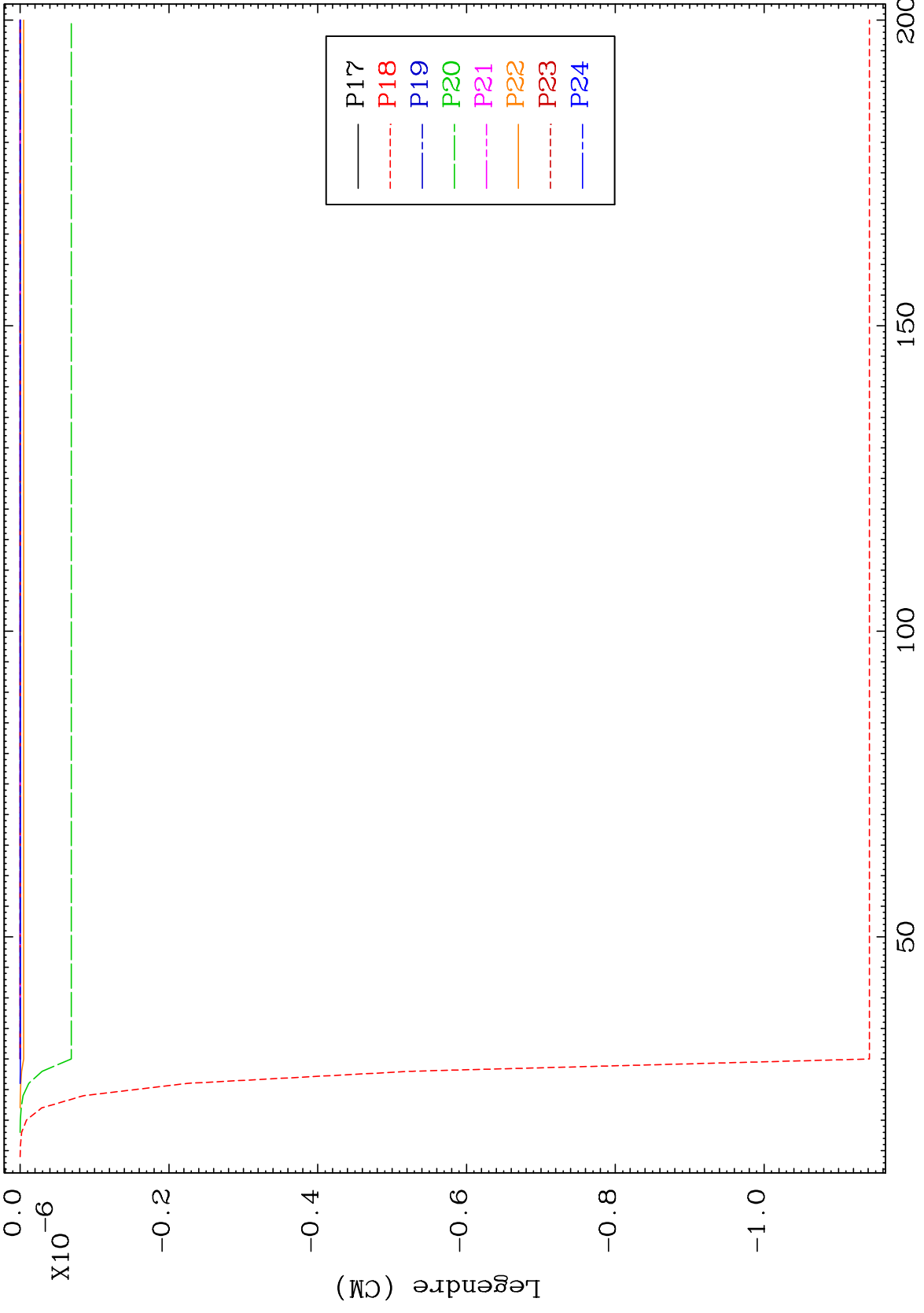


104

Incident Energy (MeV)

<sup>28</sup>Ni-72

MAT 2867 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-72

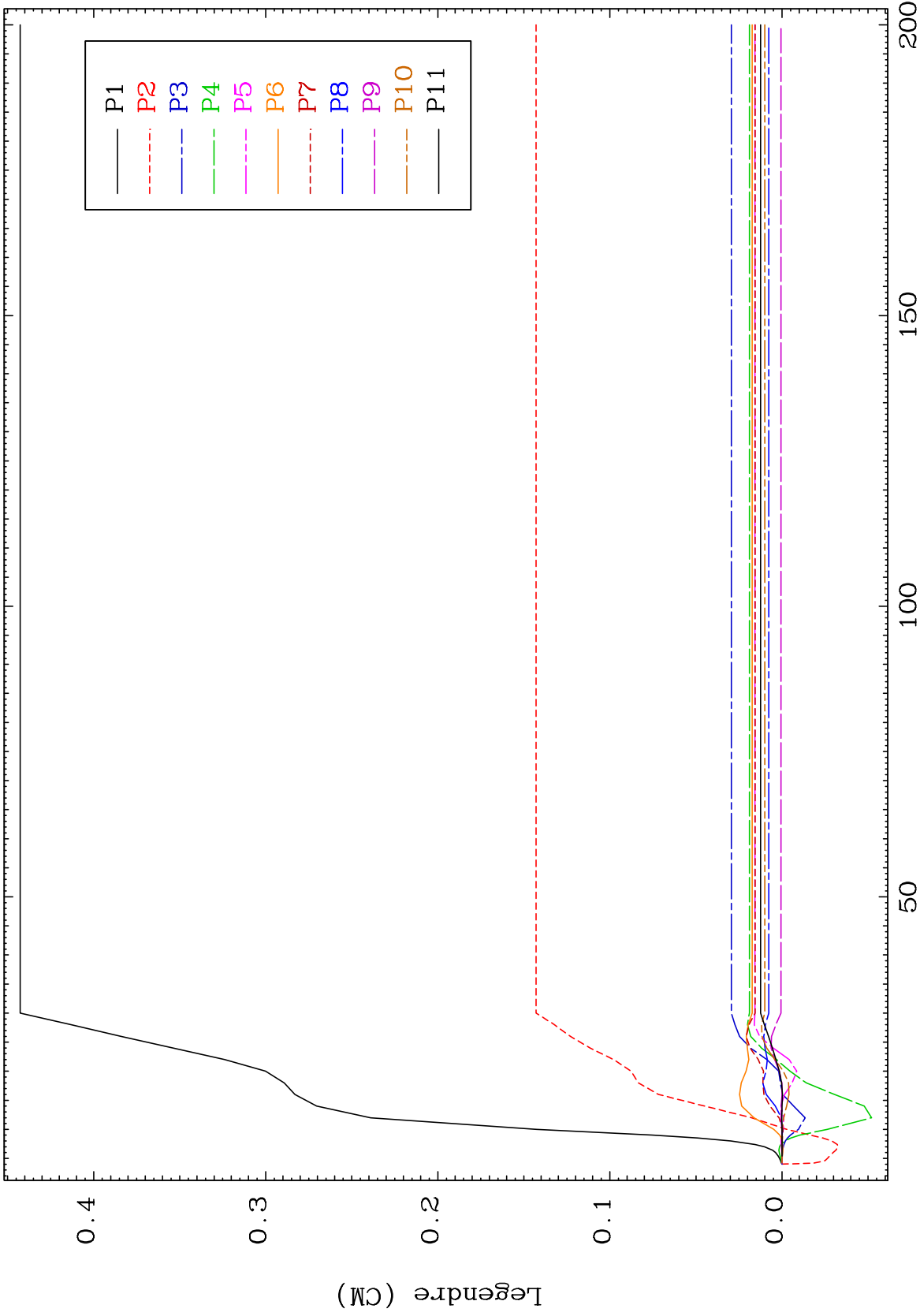


105 Incident Energy (MeV) 28-Ni-72

MAT 2867

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

28-Ni-72



106

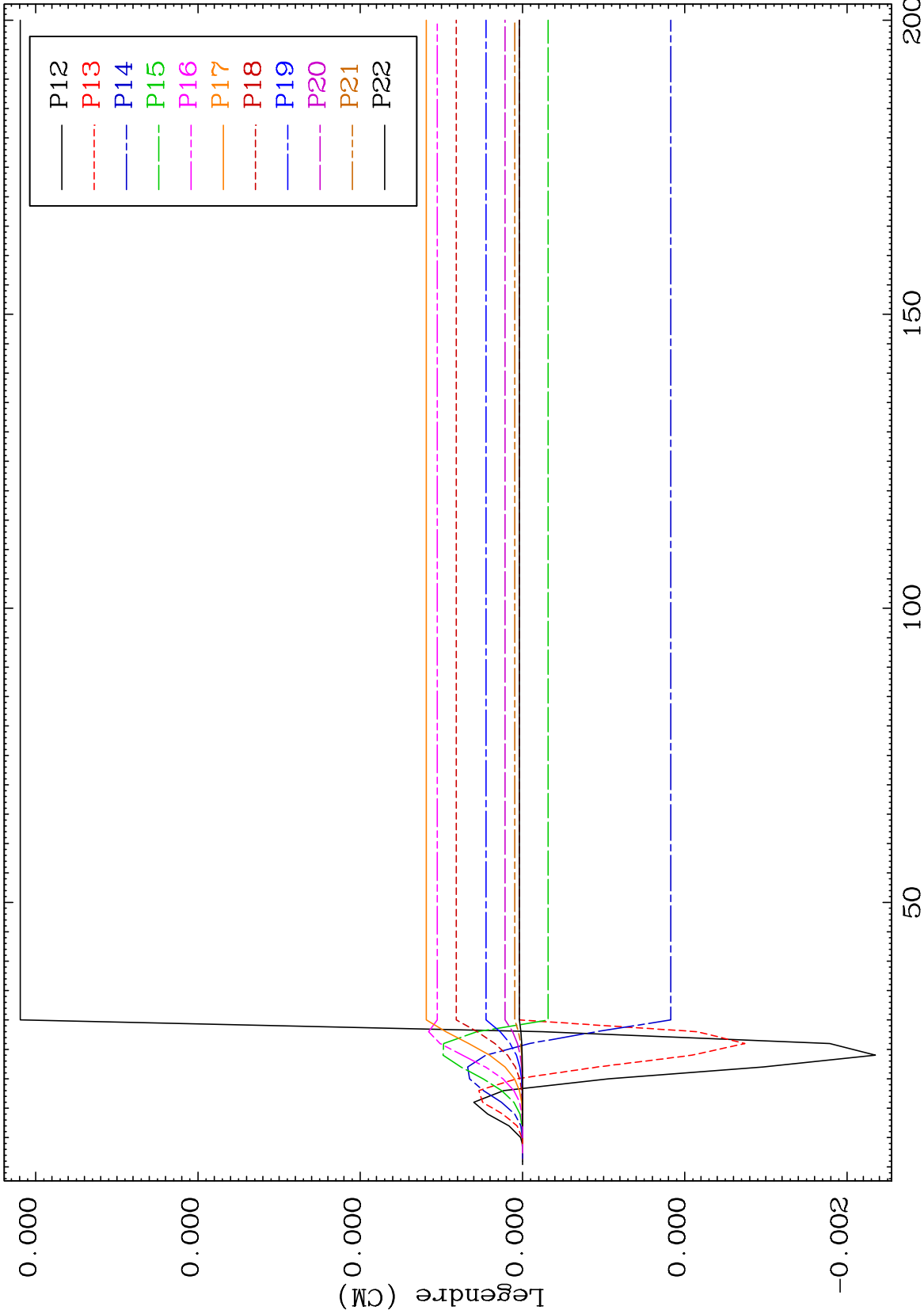
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



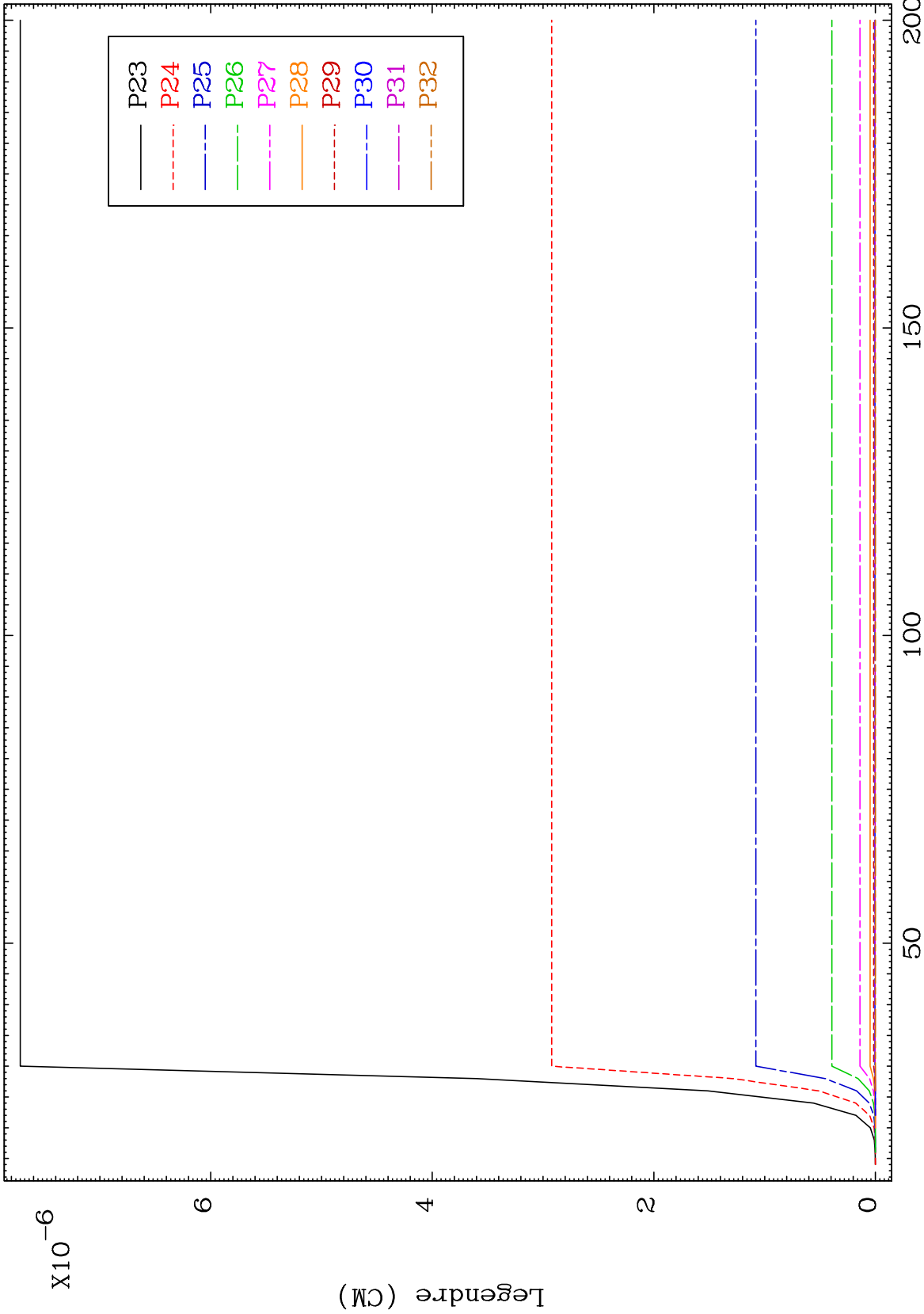
107

28-Ni-72

MAT 2867

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

28-Ni-72



108

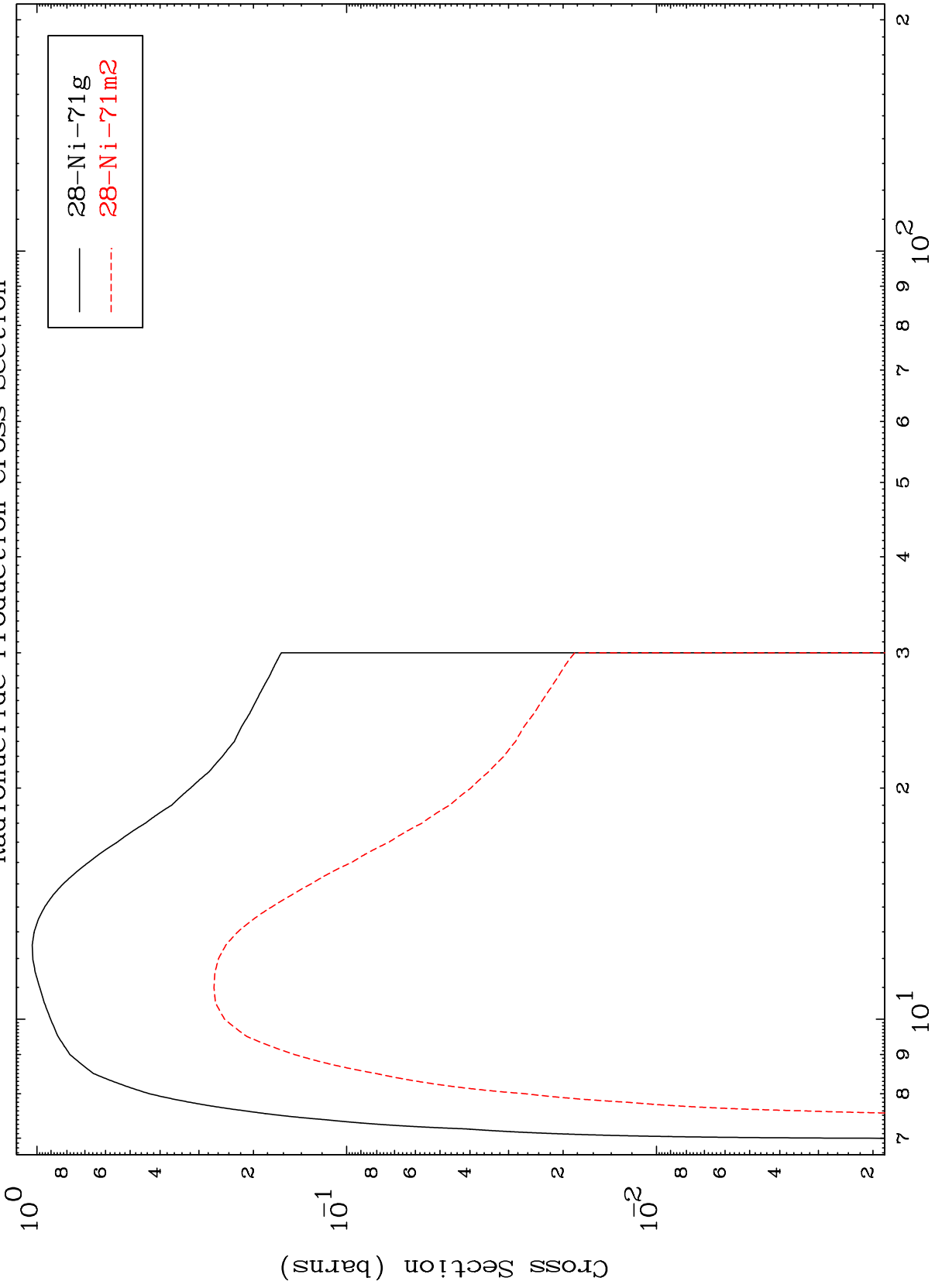
Incident Energy (MeV)

28-Ni-72

MAT 2867

<sup>28</sup>Ni-72

(n,2n)  
Radionuclide Production Cross Section



109

Incident Energy (MeV)

<sup>28</sup>Ni-72