

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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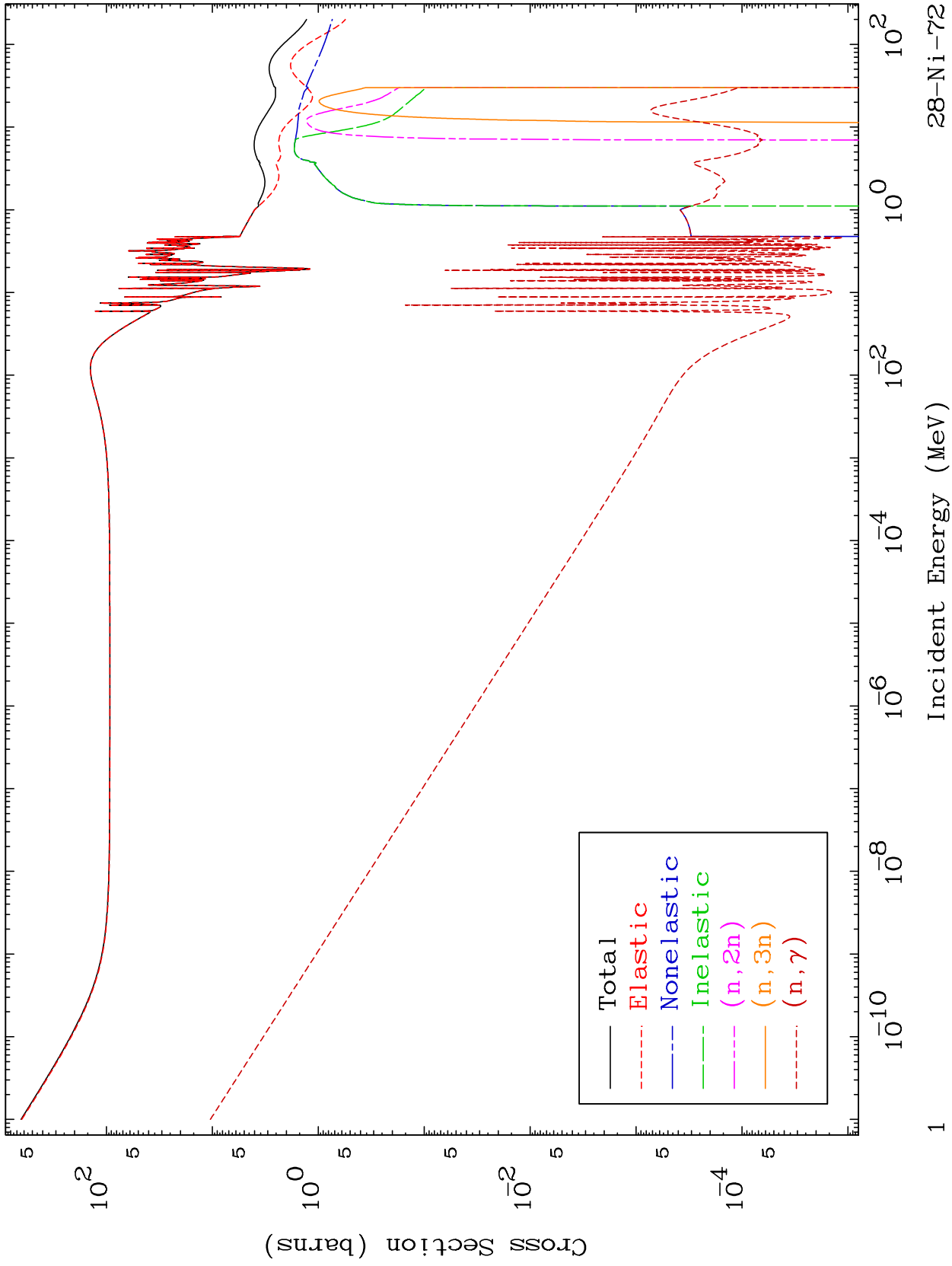
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2867

Neutron Major  
293 Kelvin Cross Sections

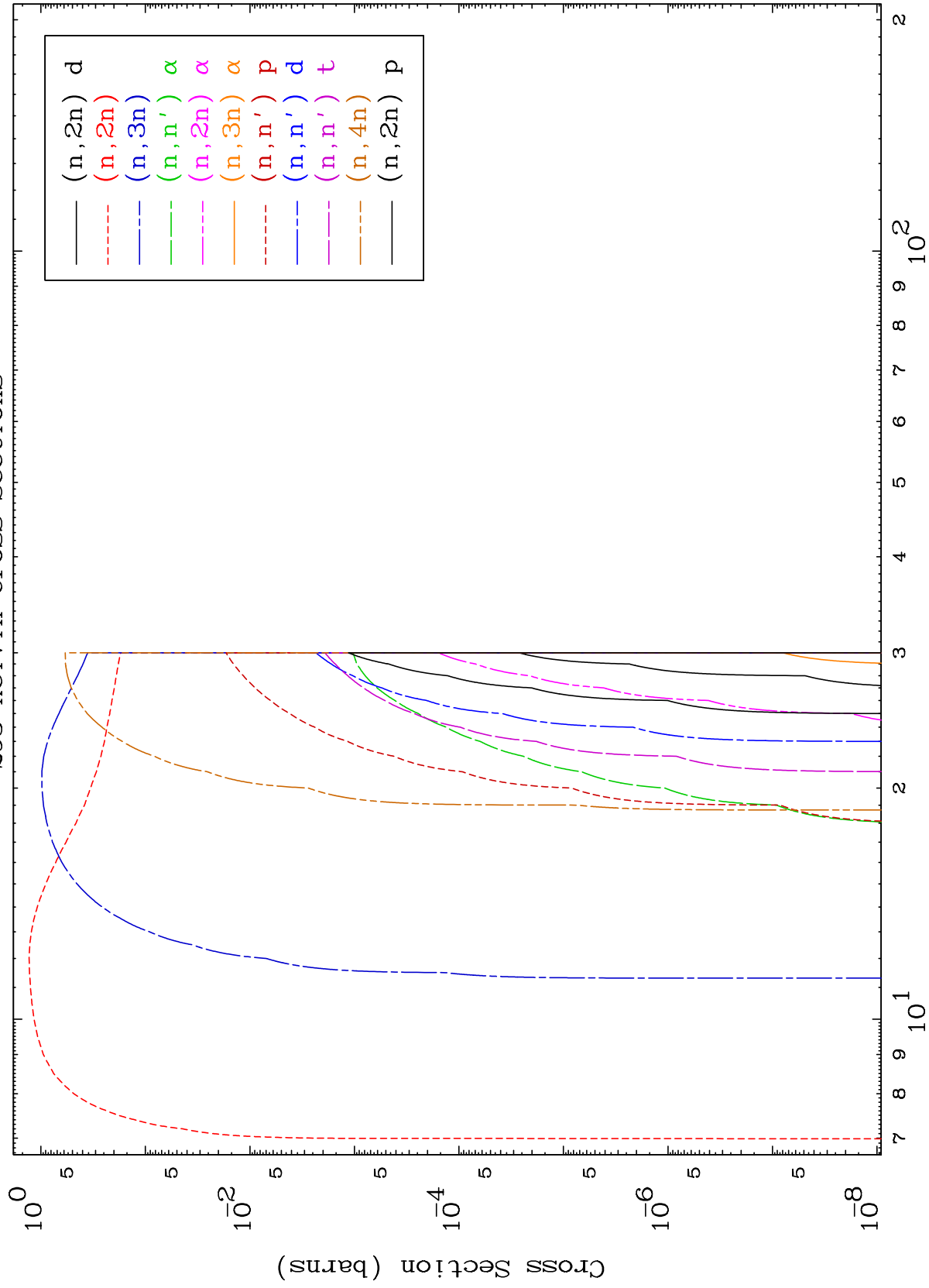
28-Ni-72



MAT 2867

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-72



2

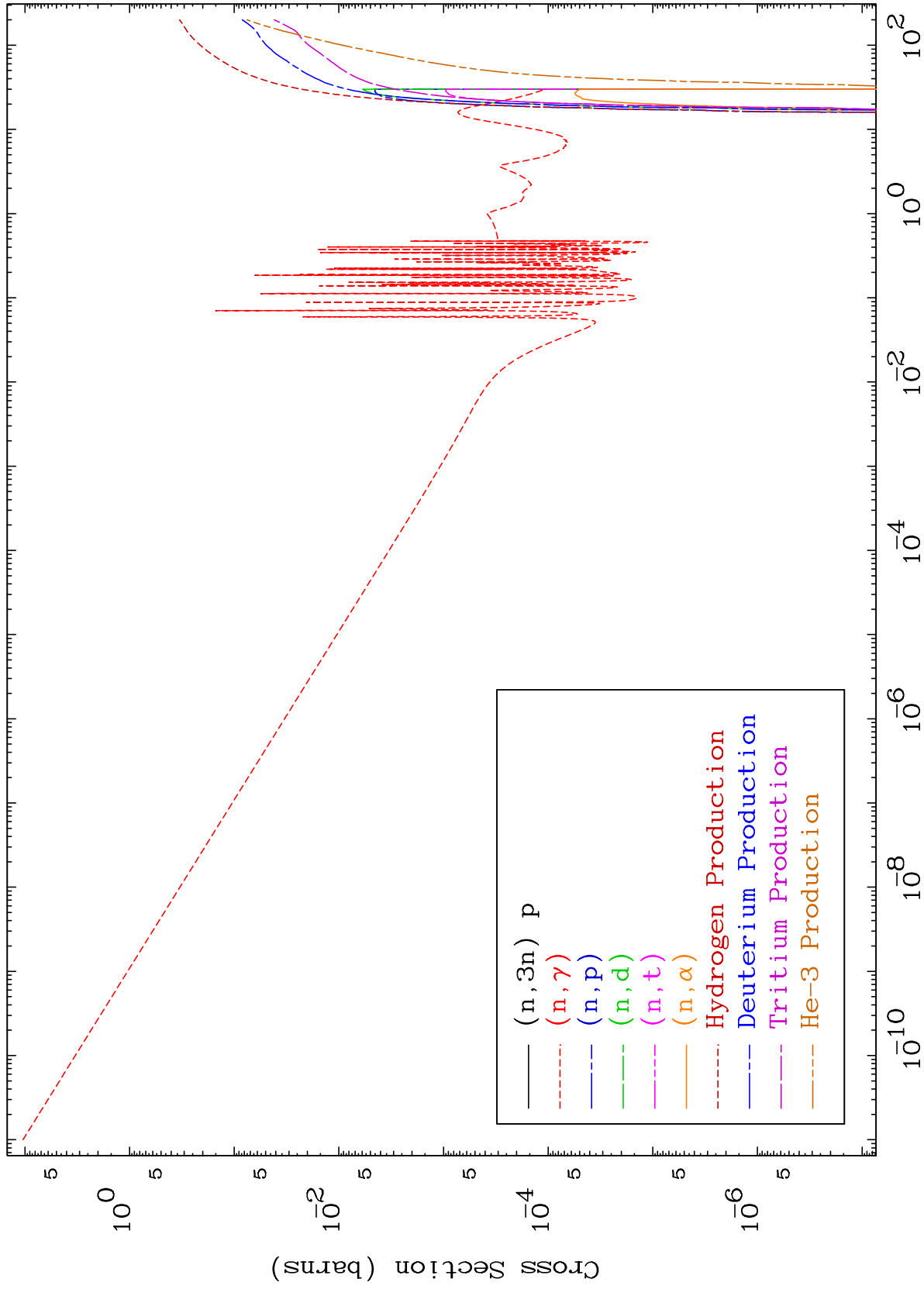
Incident Energy (MeV)

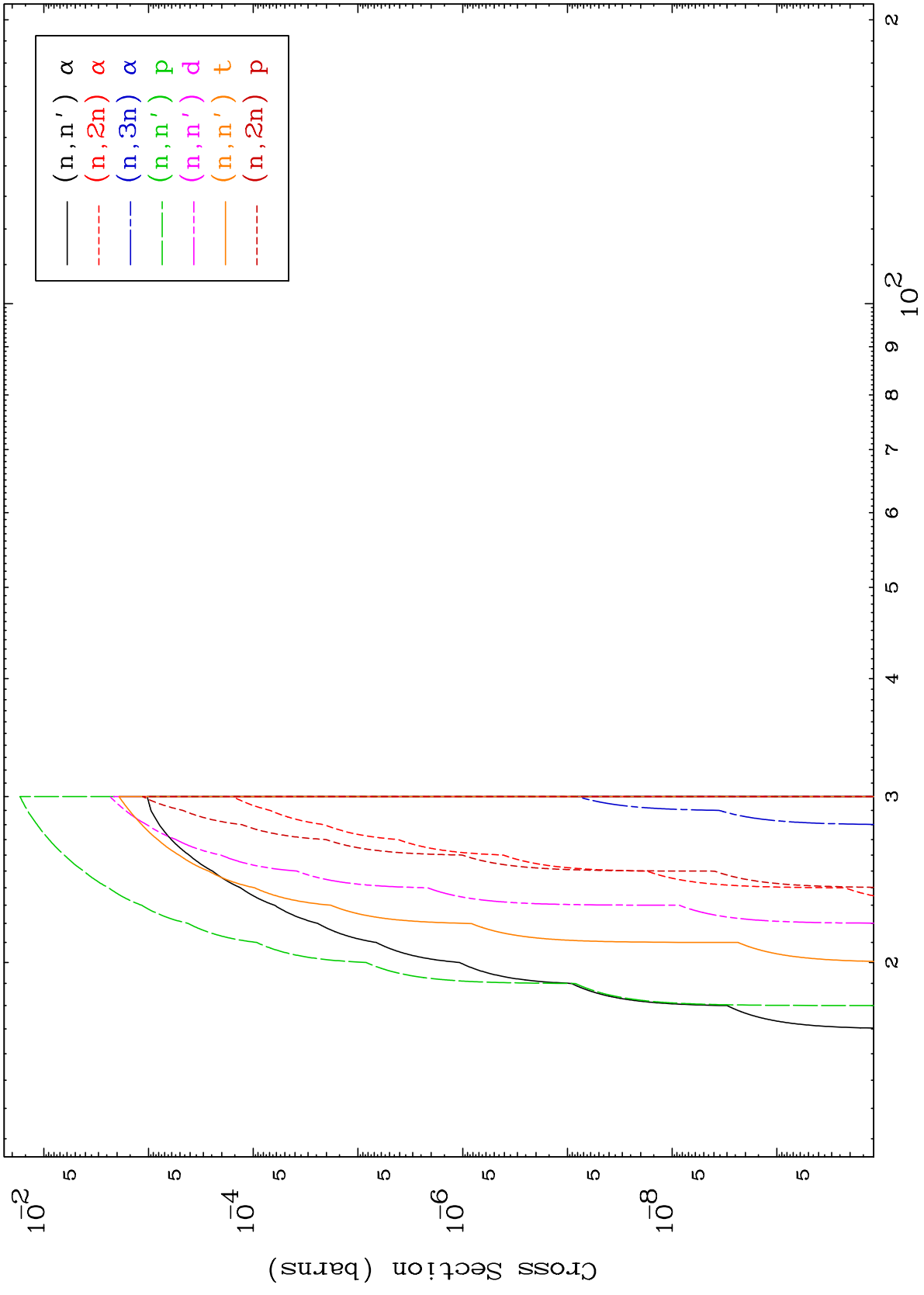
28-Ni-72

MAT 2867

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-72

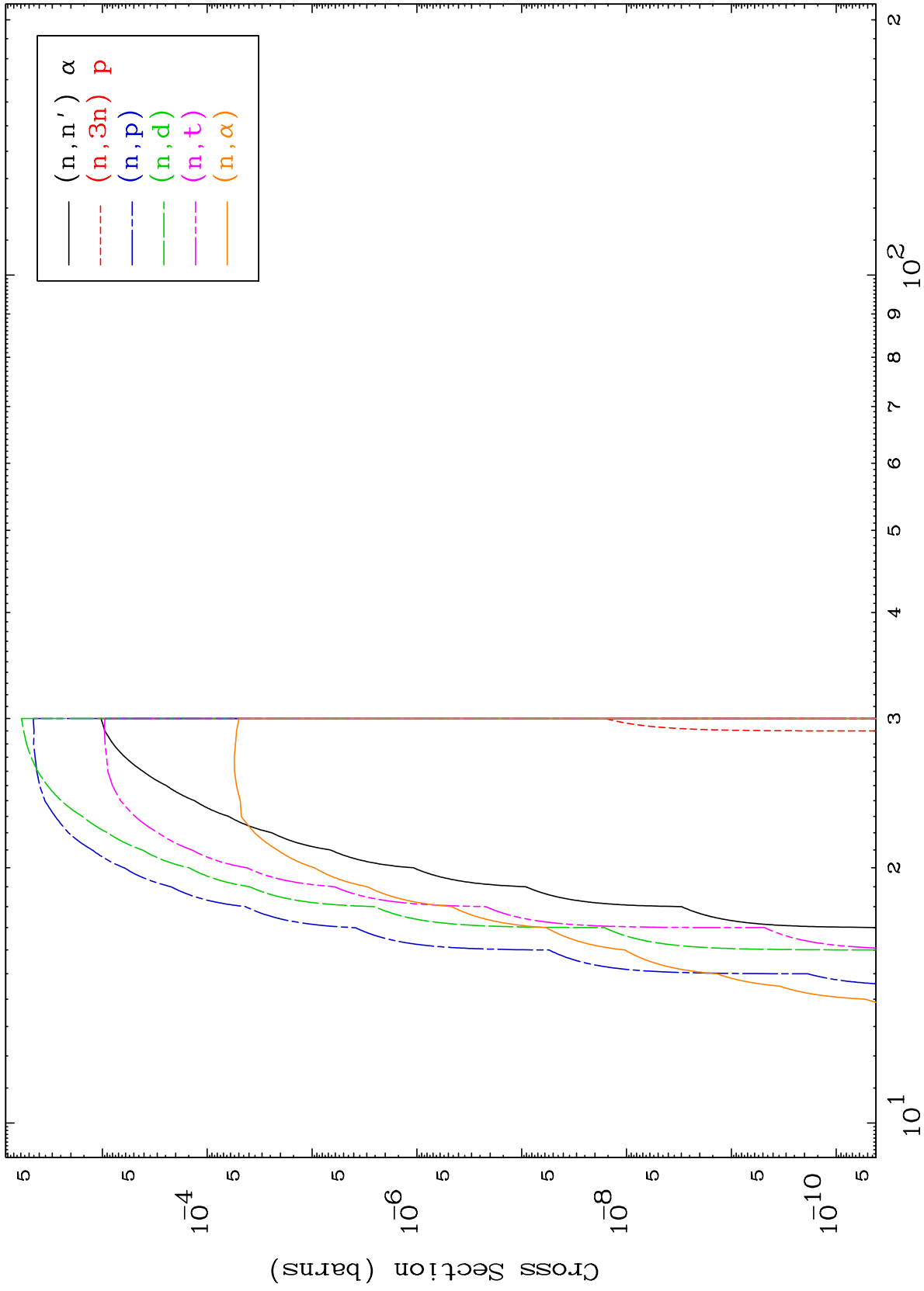




MAT 2867

Charged Particle  
293 Kelvin Cross Sections

28-Ni-72



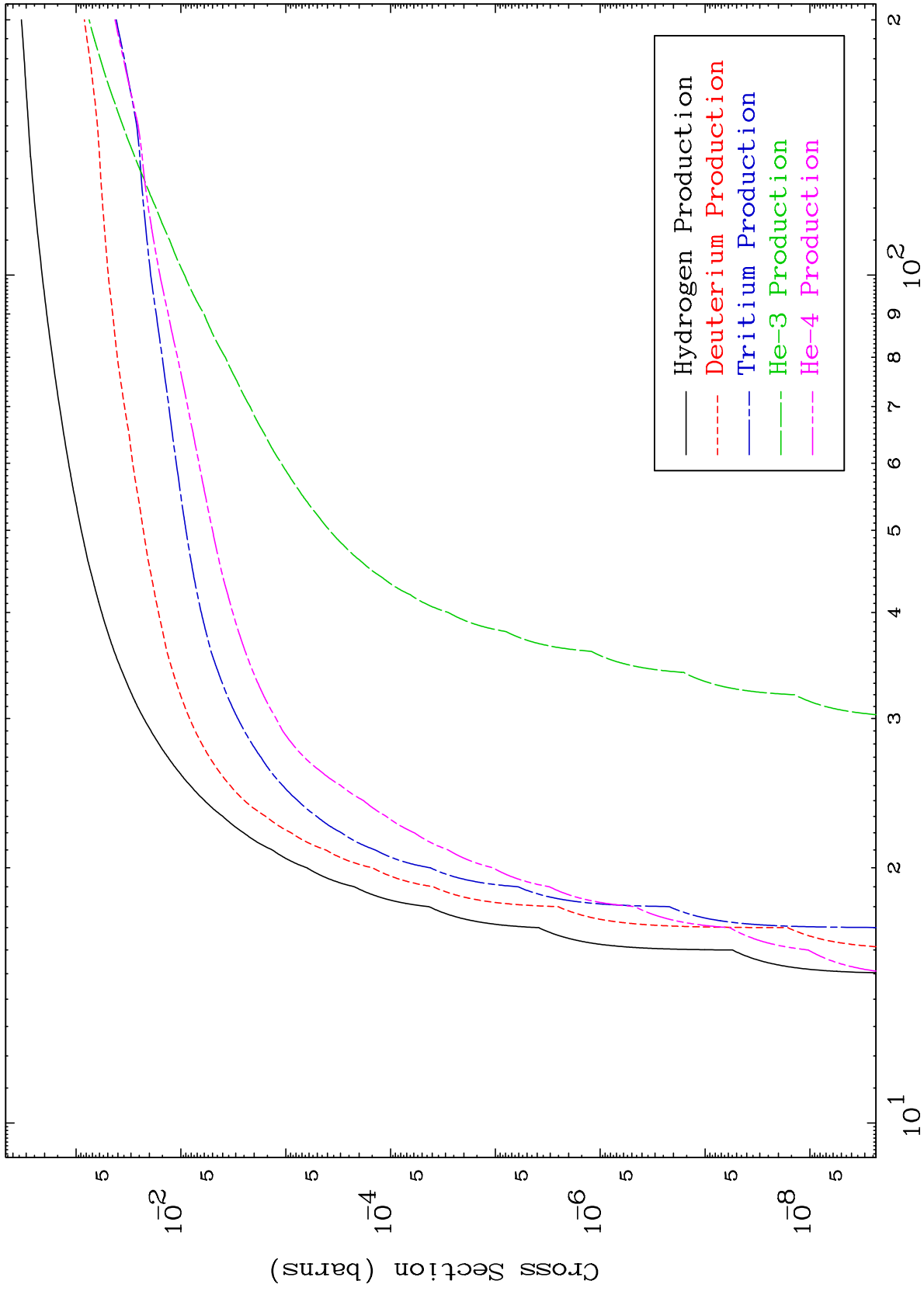
28-Ni-72

Incident Energy (MeV)

MAT 2867

Particle Production  
293 Kelvin Cross Sections

28-Ni-72



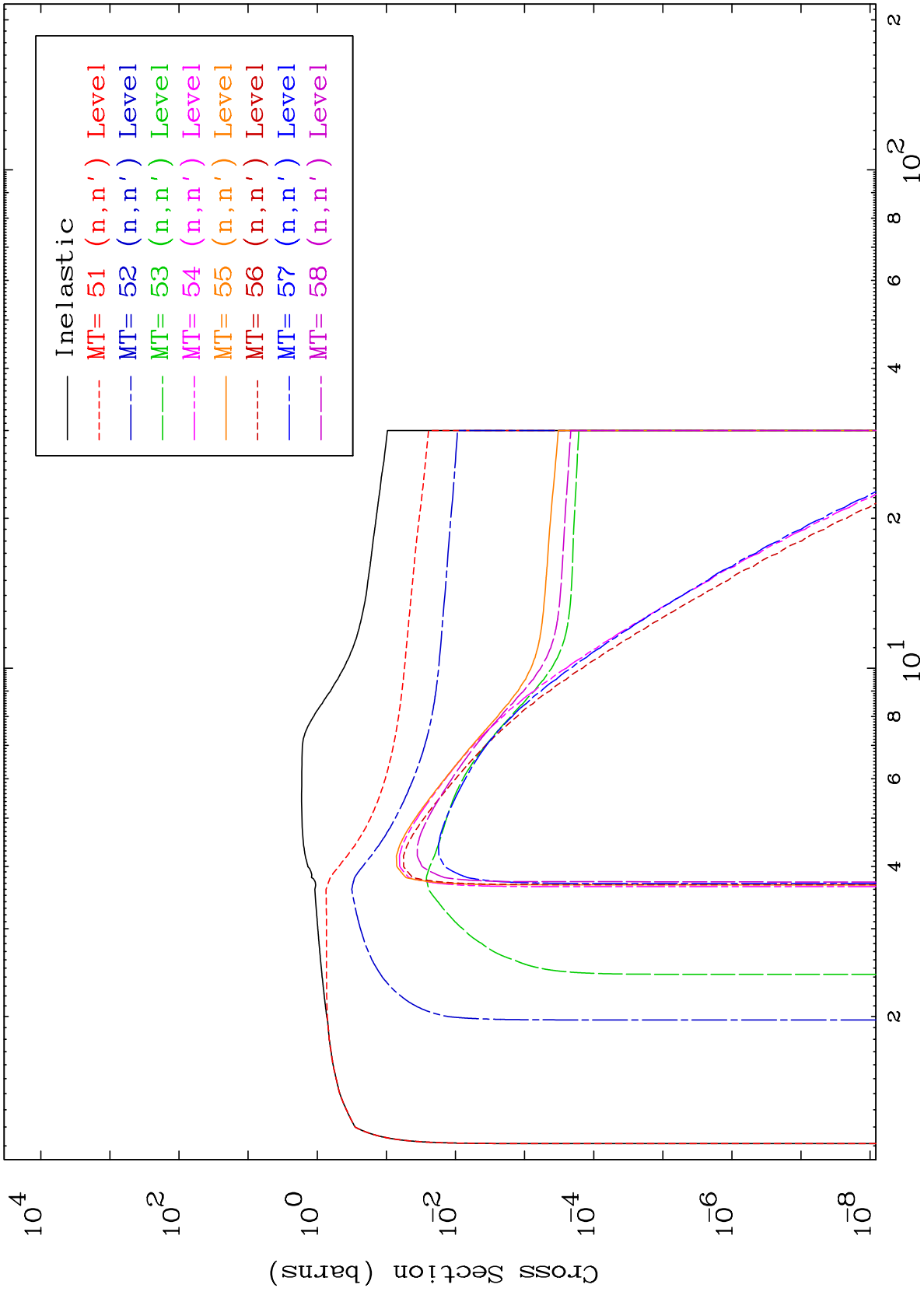
28-Ni-72

Incident Energy (MeV)

MAT 2867

(n,n') Levels  
293 Kelvin Cross Sections

28-Ni-72



7

Incident Energy (MeV)

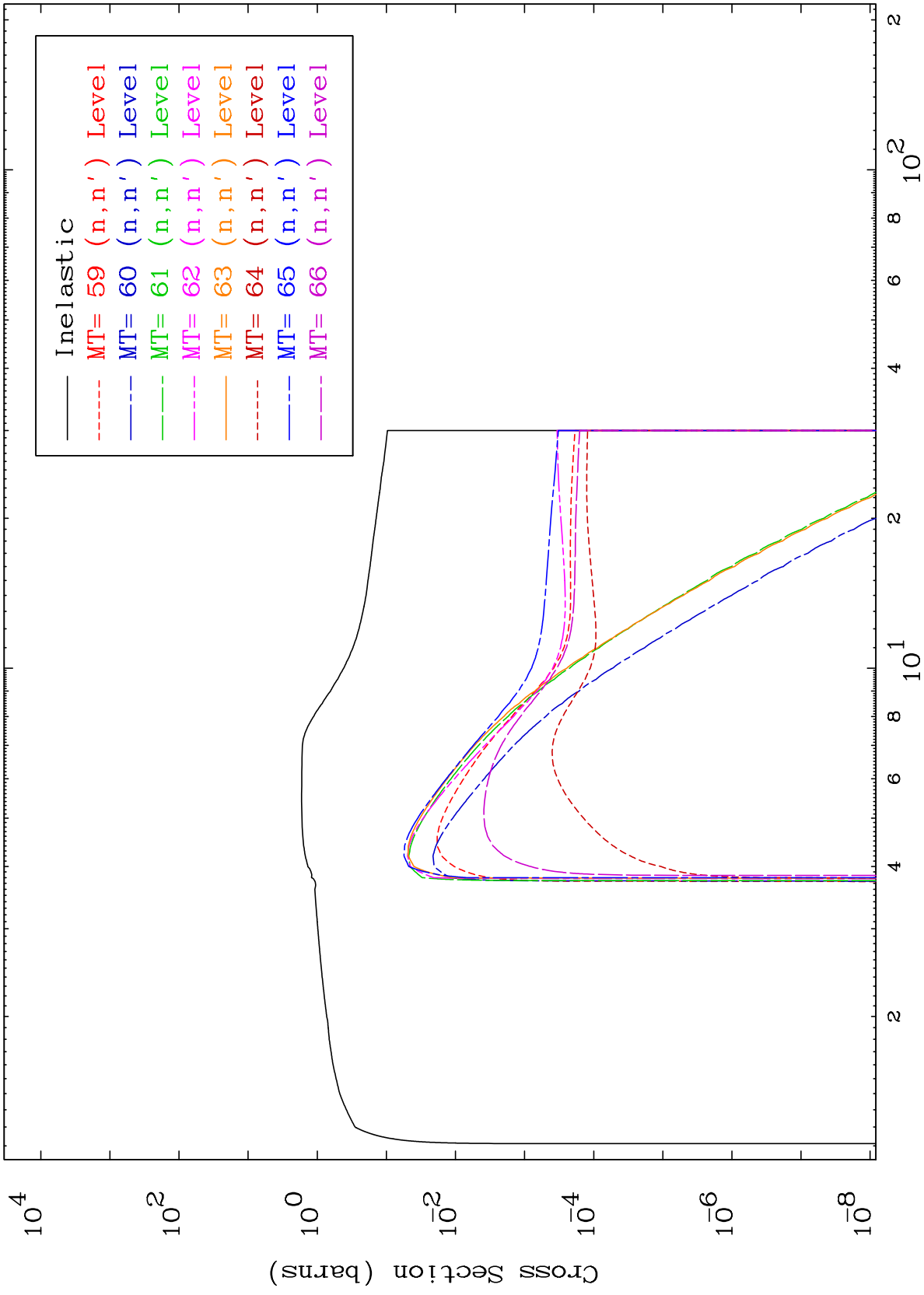
28-Ni-72



MAT 2867

(n,n') Levels  
293 Kelvin Cross Sections

28-Ni-72



8

Incident Energy (MeV)

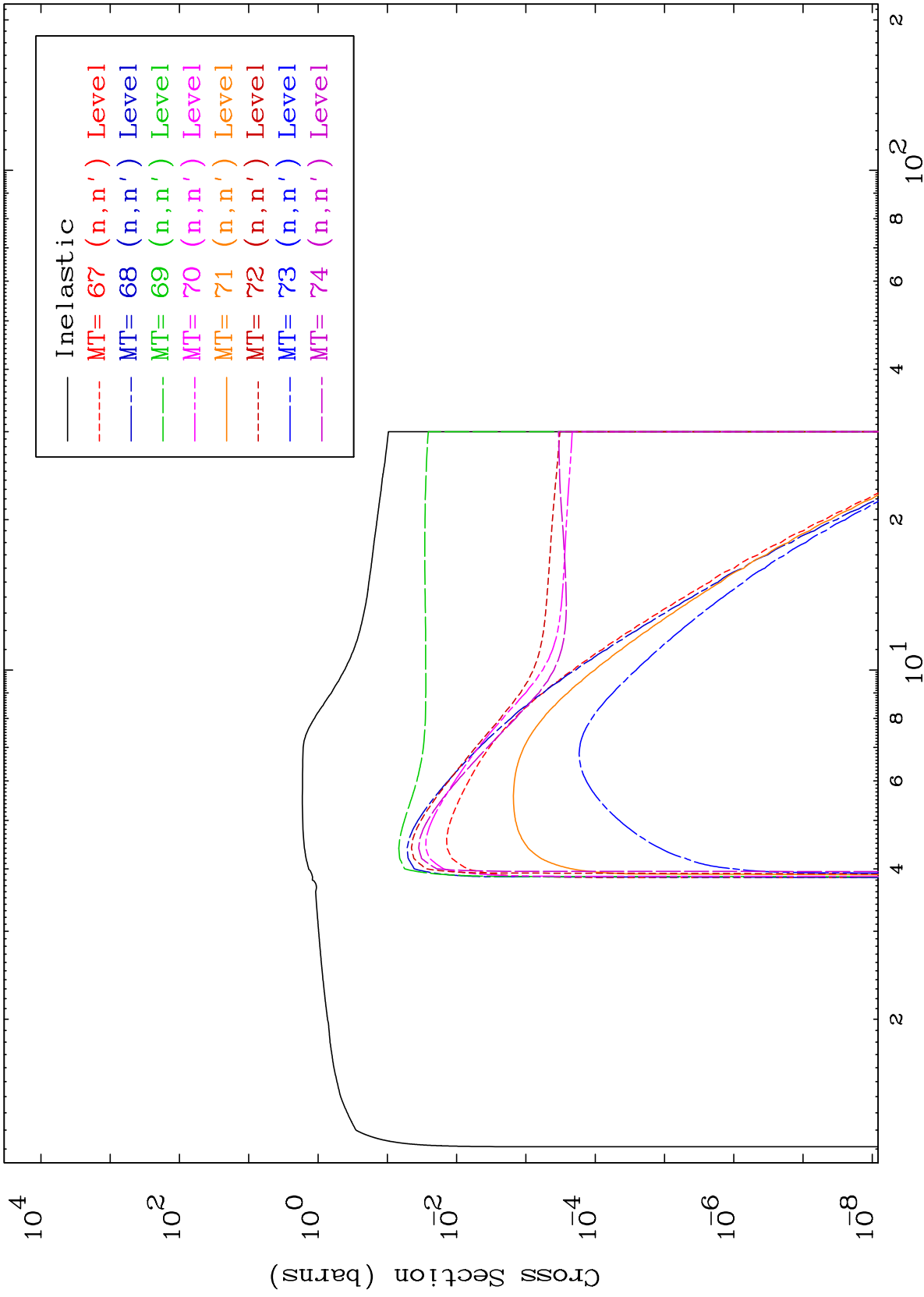
28-Ni-72

MAT 2867

(n,n') Levels

28-Ni-72

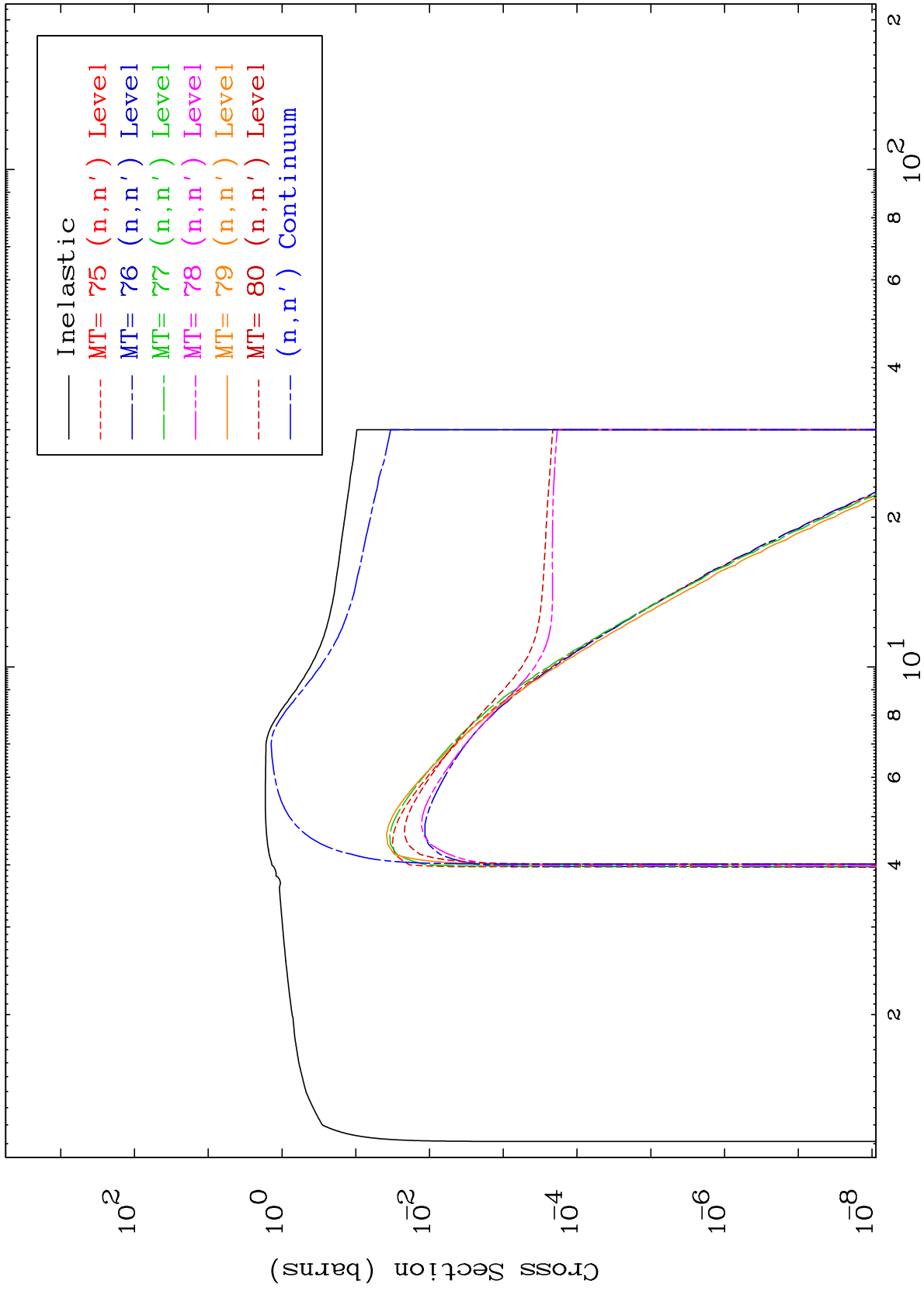
293 Kelvin Cross Sections



MAT 2867

(n,n') Levels  
293 Kelvin Cross Sections

28-Ni-72



10

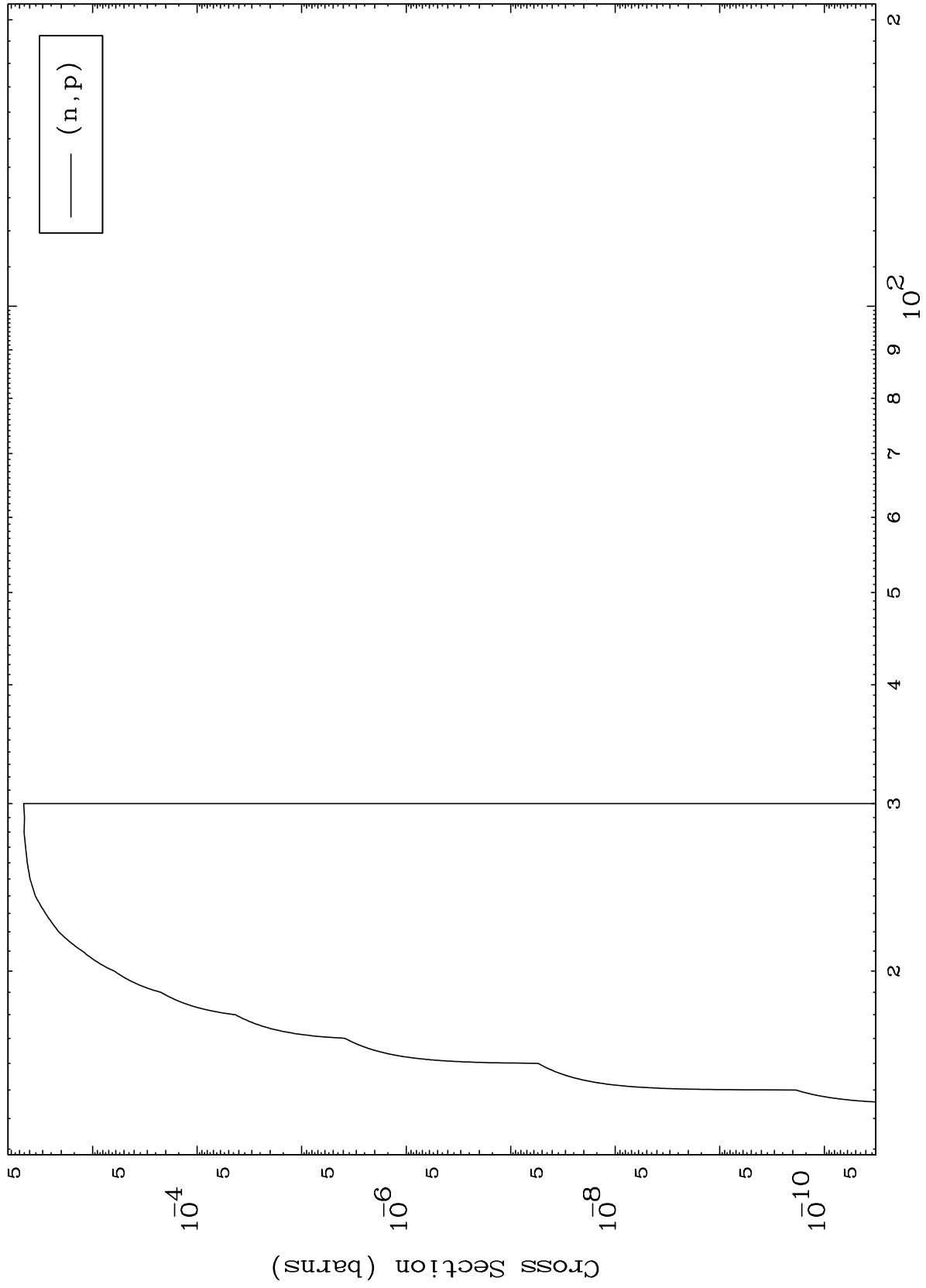
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-72



11

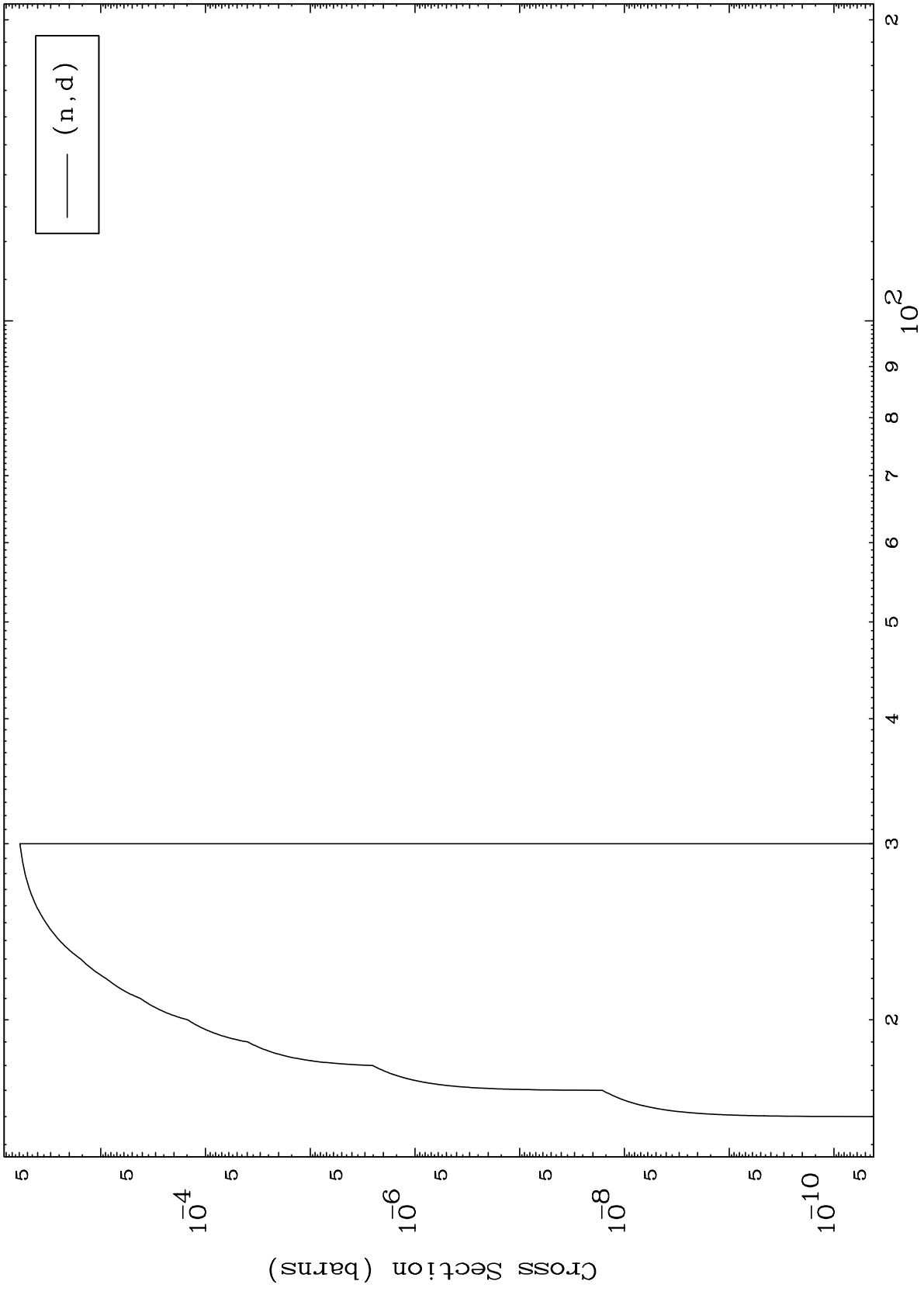
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-72



12

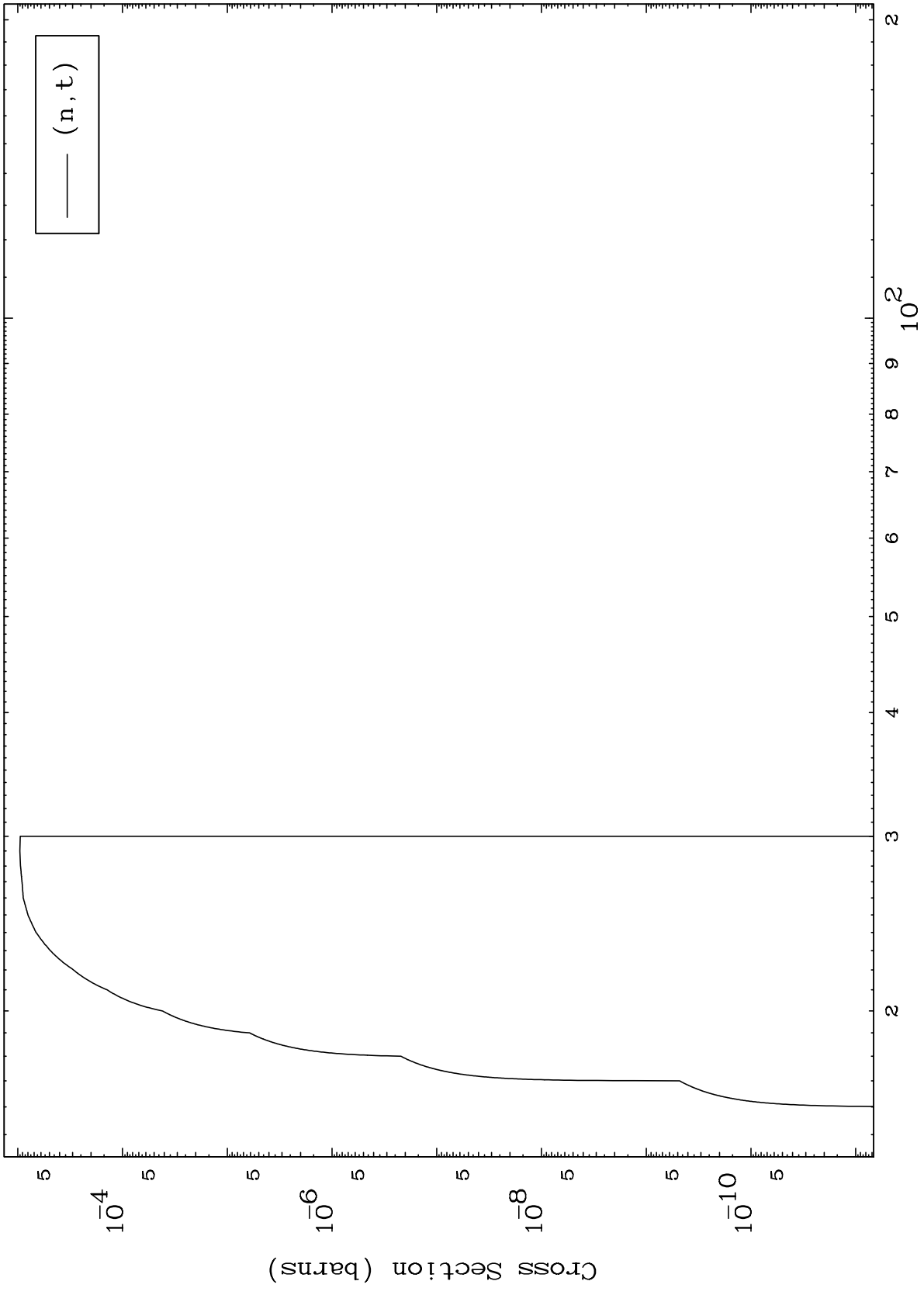
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-72



13

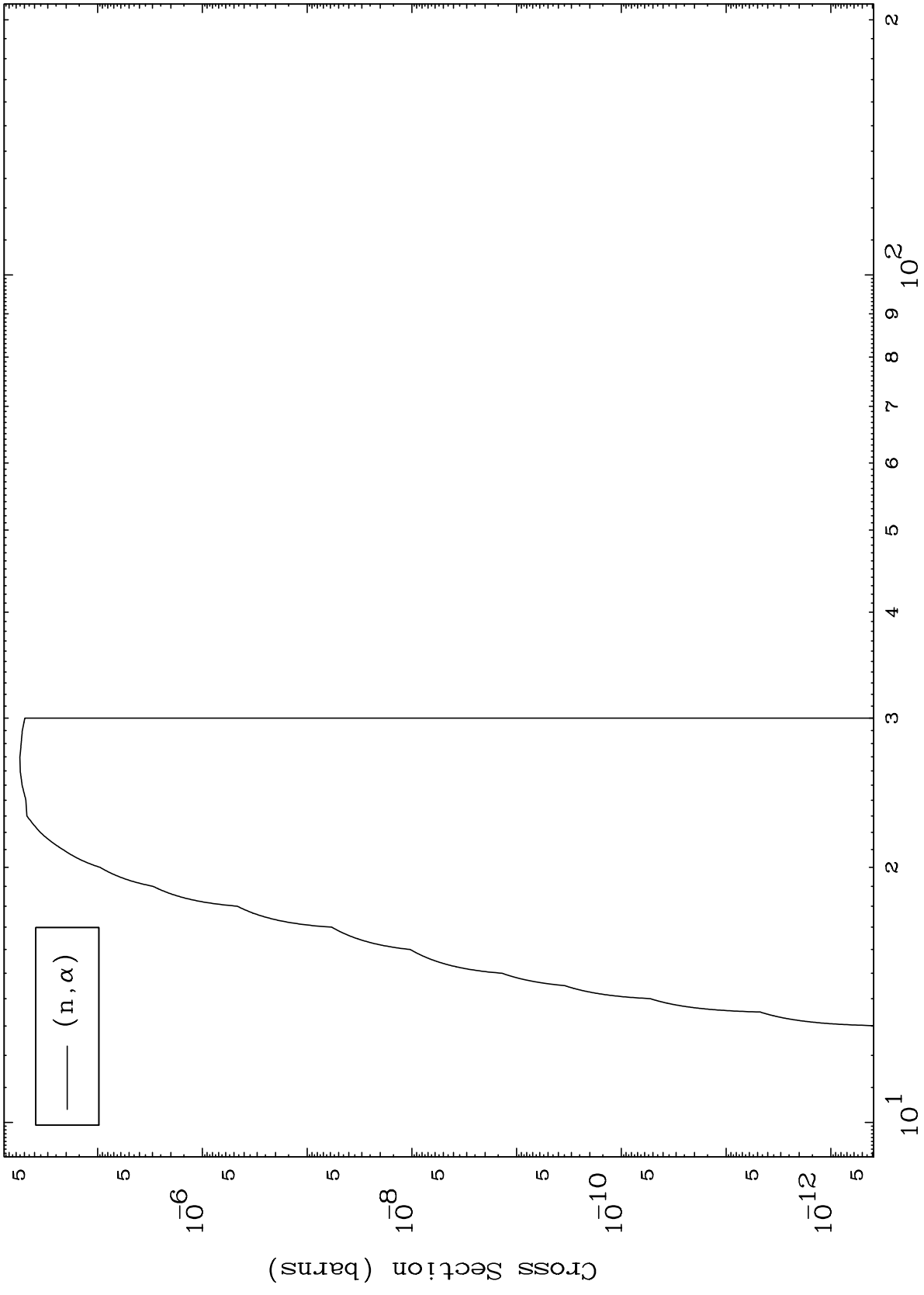
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,α) Levels  
293 Kelvin Cross Sections

28-Ni-72



14

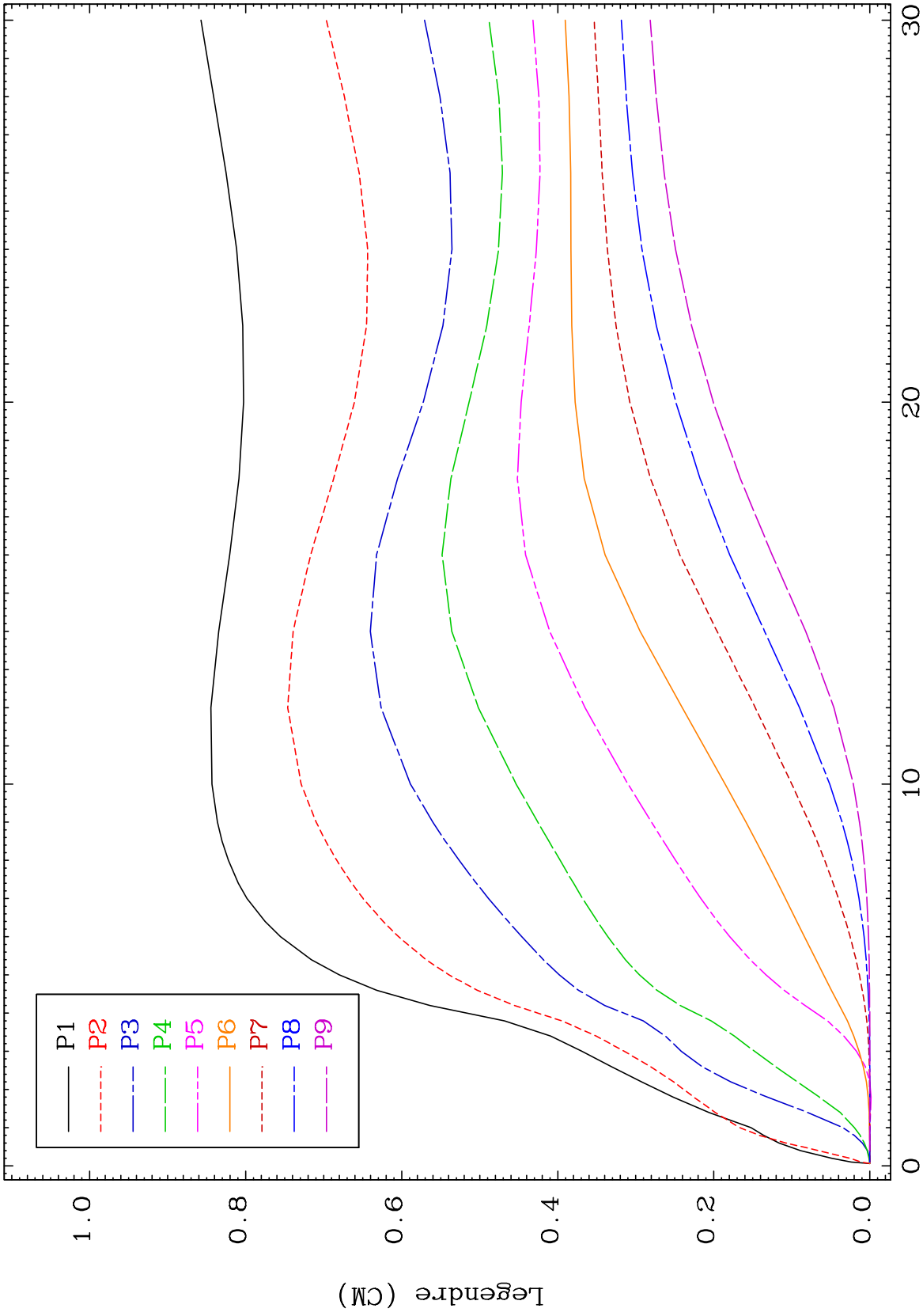
Incident Energy (MeV)

28-Ni-72

MAT 2867

Elastic Legendre Coefficients

28-Ni-72



15

Incident Energy (MeV)

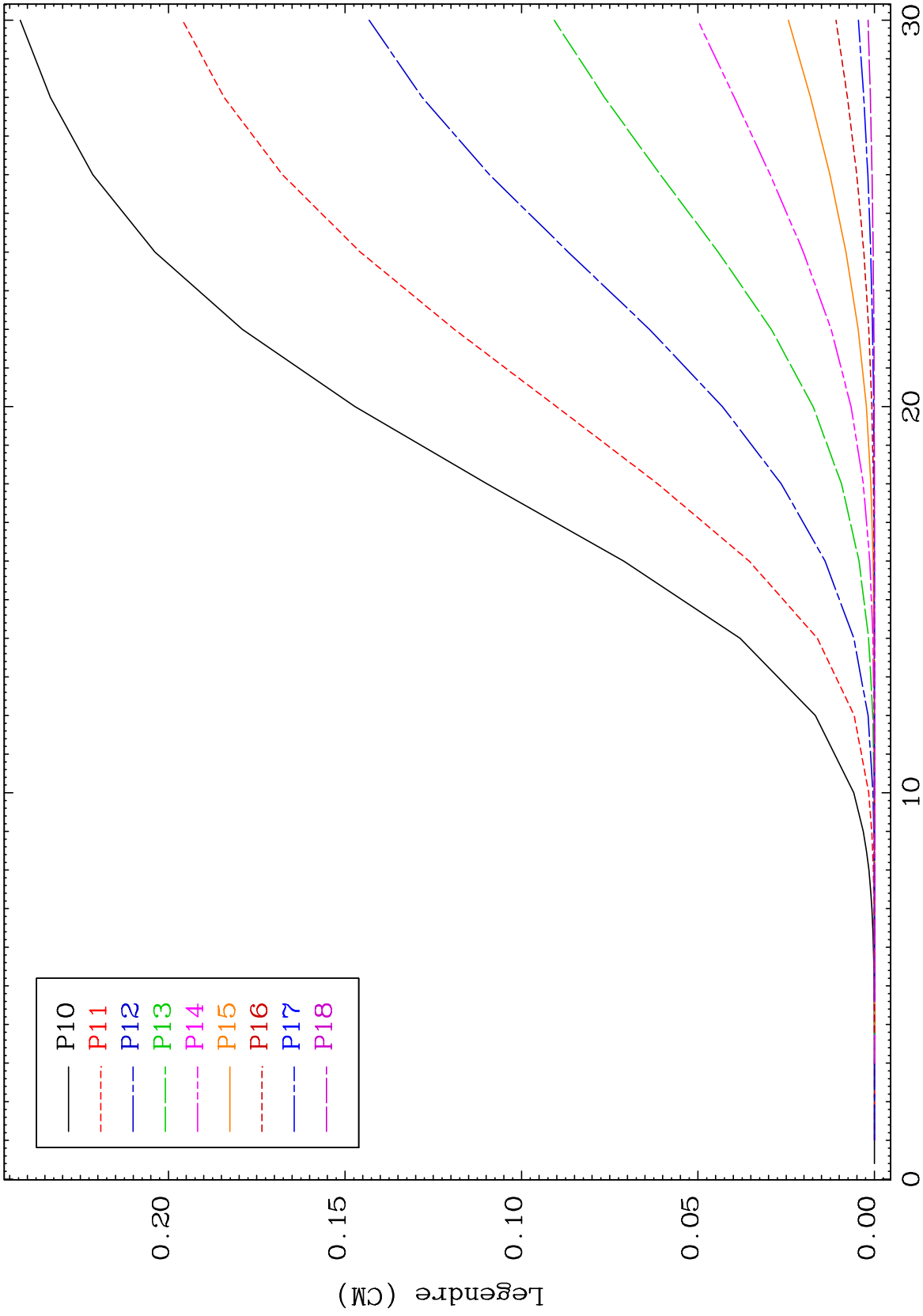
28-Ni-72



MAT 2867

Elastic Legendre Coefficients

28-Ni-72



16

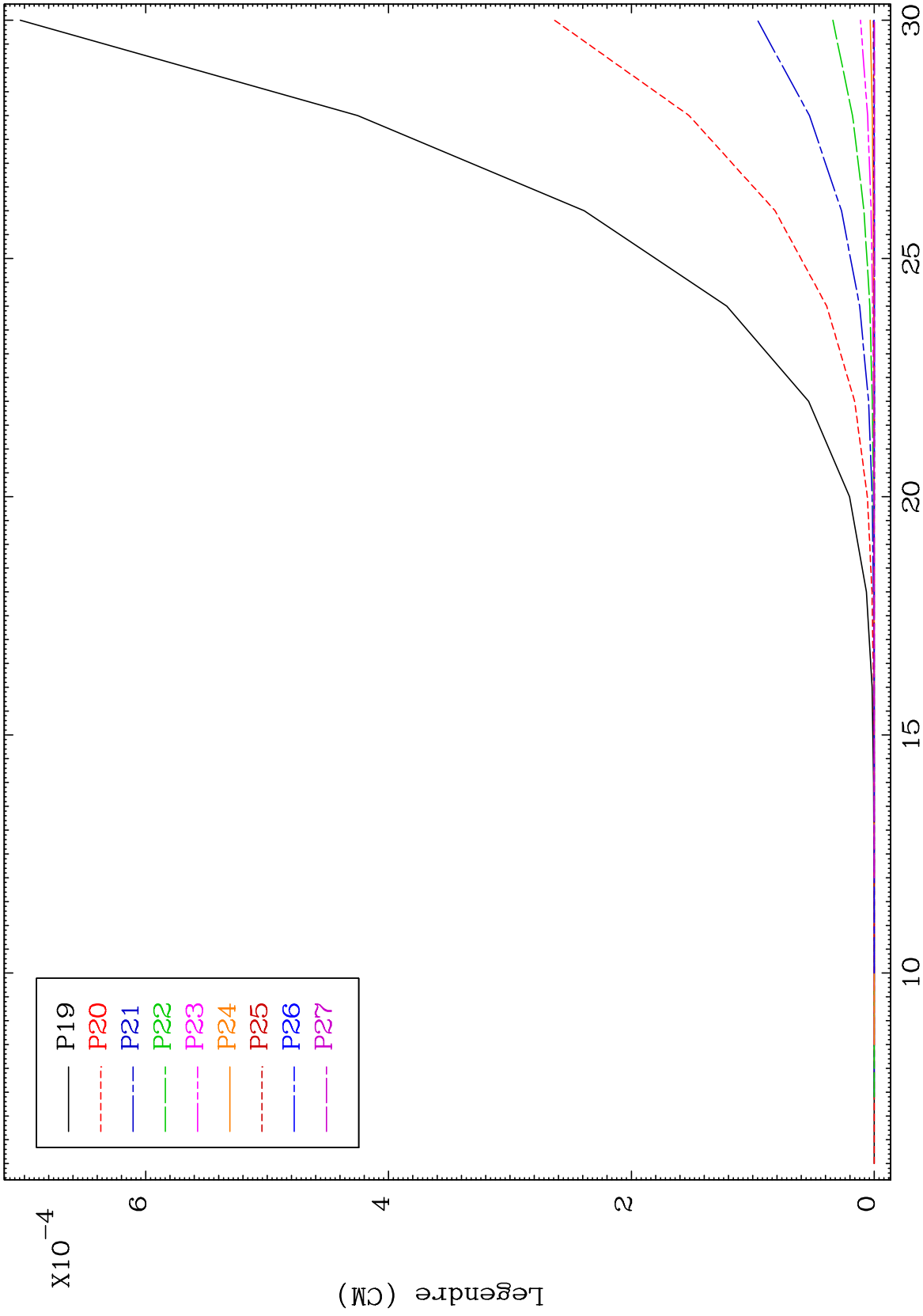
Incident Energy (MeV)

28-Ni-72

MAT 2867

### Elastic Legendre Coefficients

<sup>28</sup>Ni-72



17

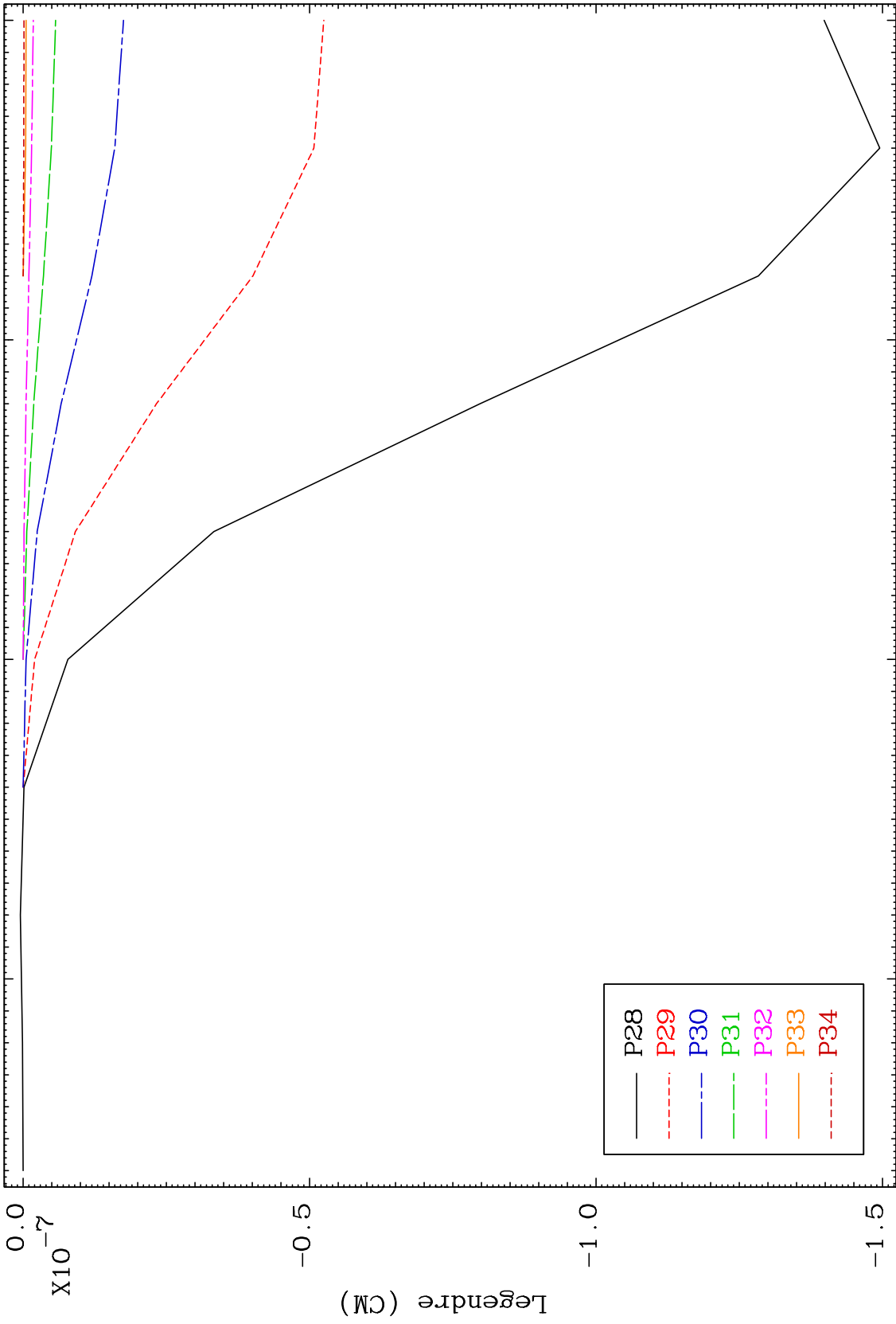
Incident Energy (MeV)

<sup>28</sup>Ni-72

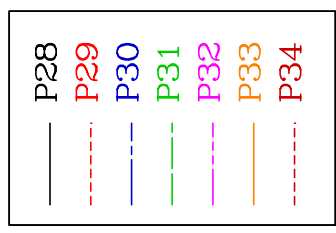
MAT 2867

28-Ni-72

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>



18

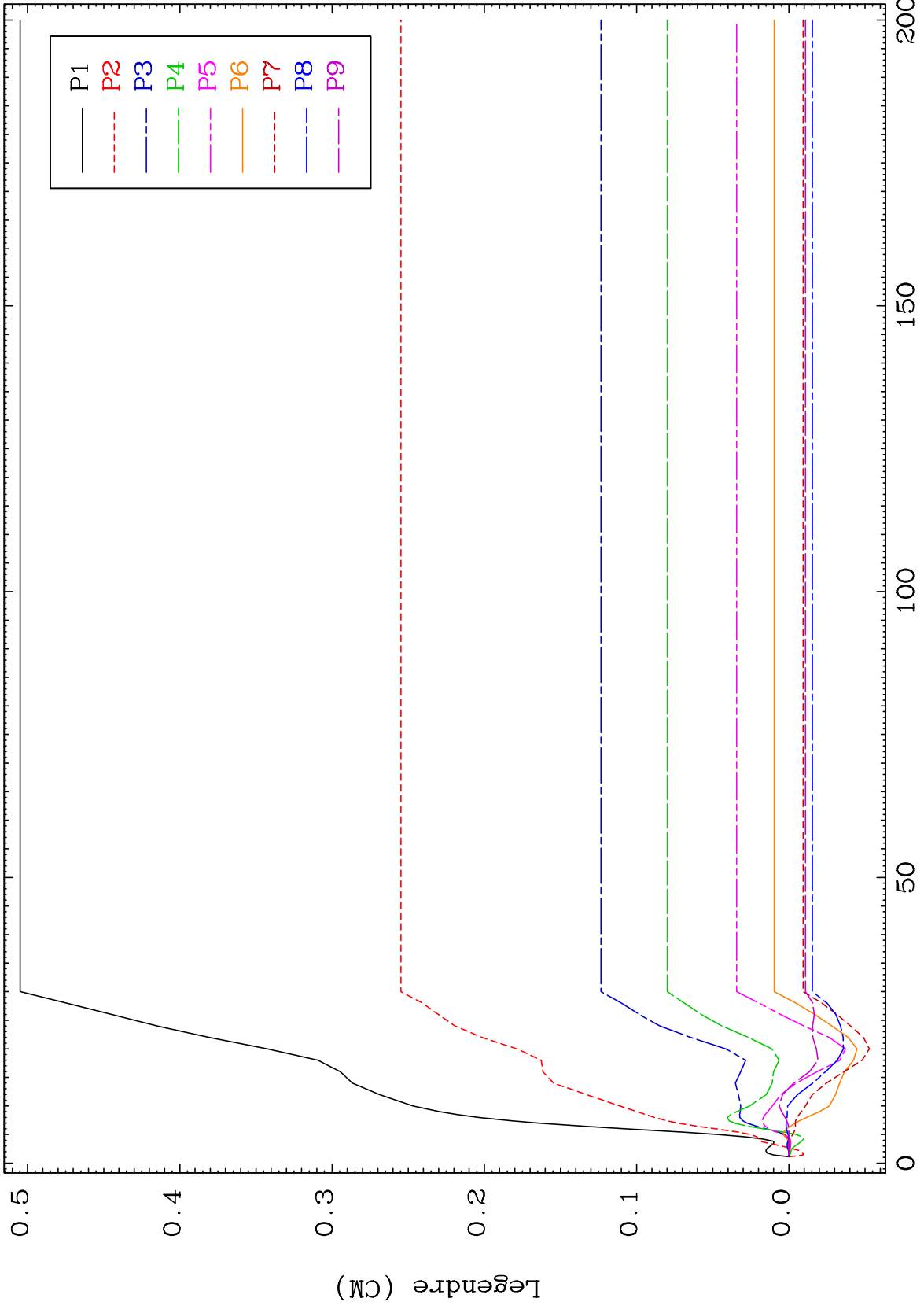
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



19

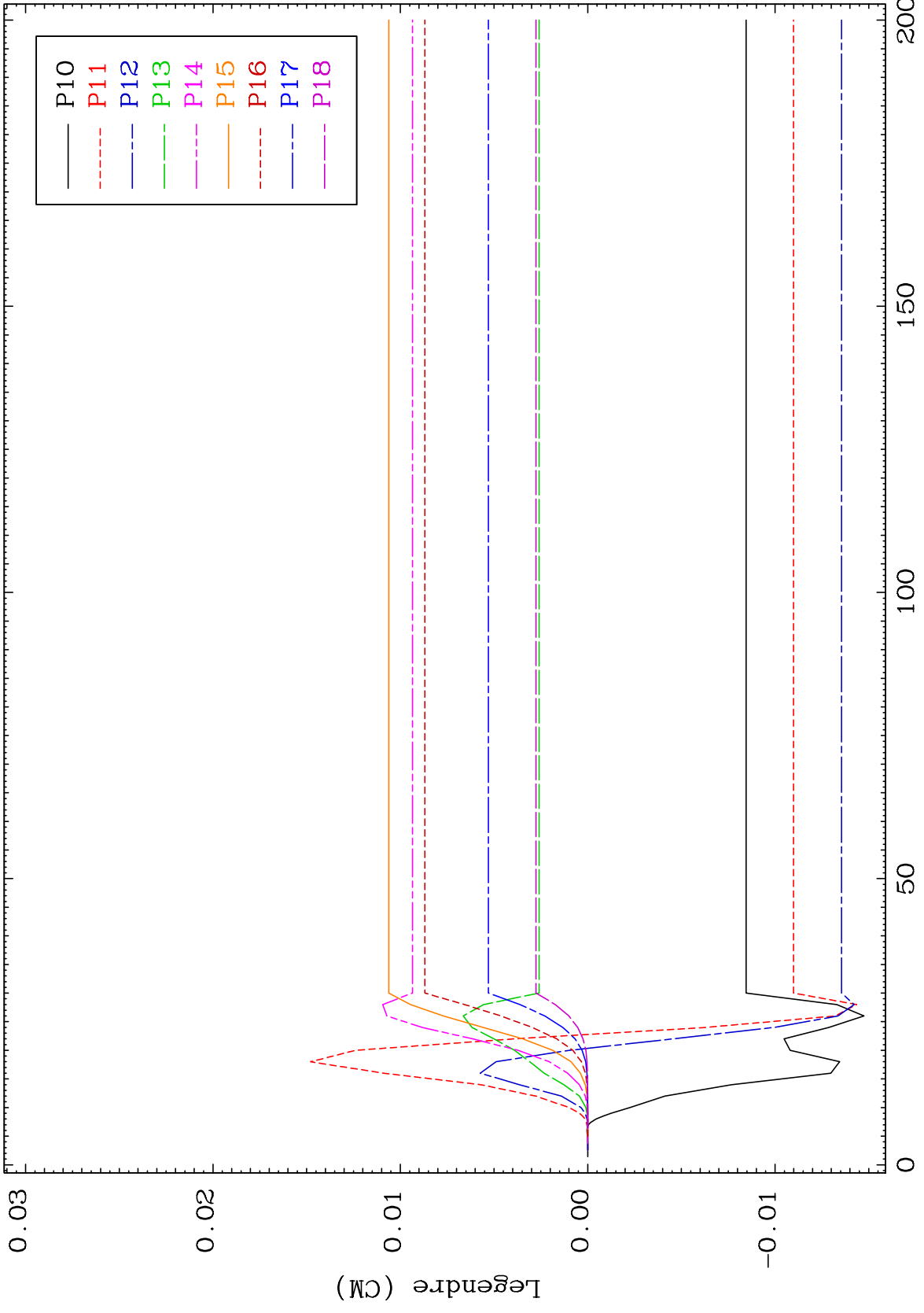
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



0

20

Incident Energy (MeV)

50

100

150

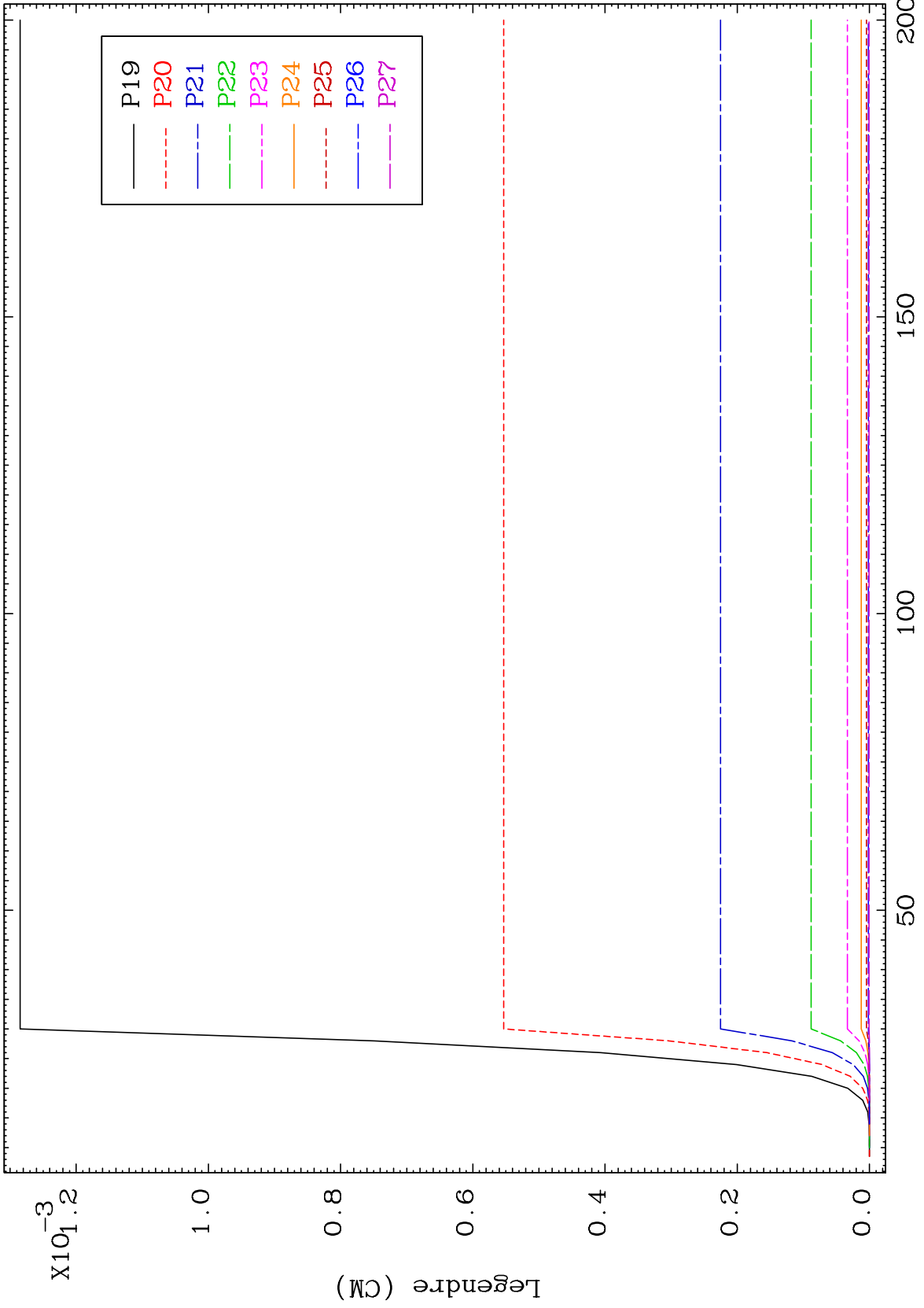
200

28-Ni-72

MAT 2867

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

28-Ni-72



21

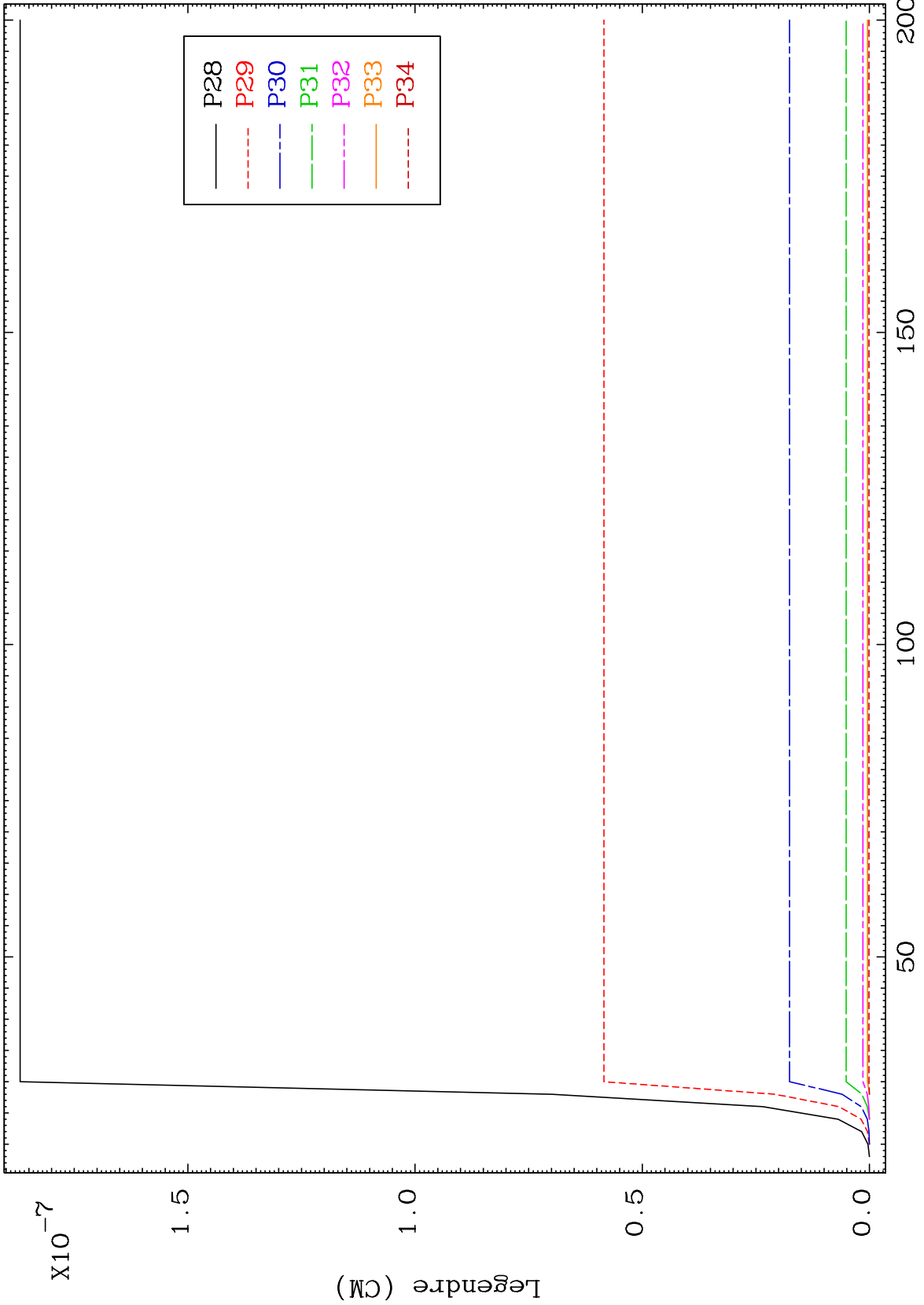
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

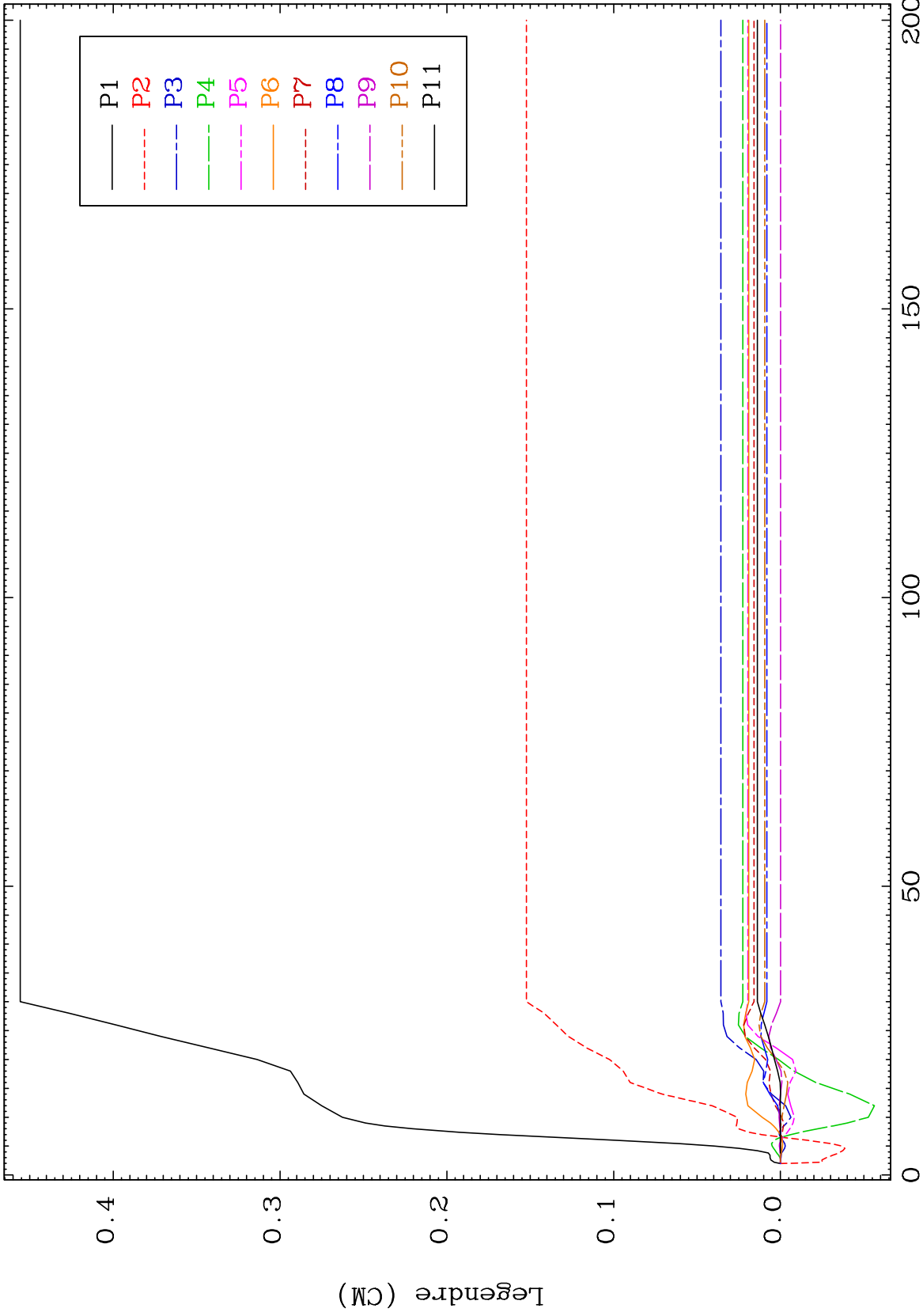
28-Ni-72



MAT 2867

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

28-Ni-72



23

Incident Energy (MeV)

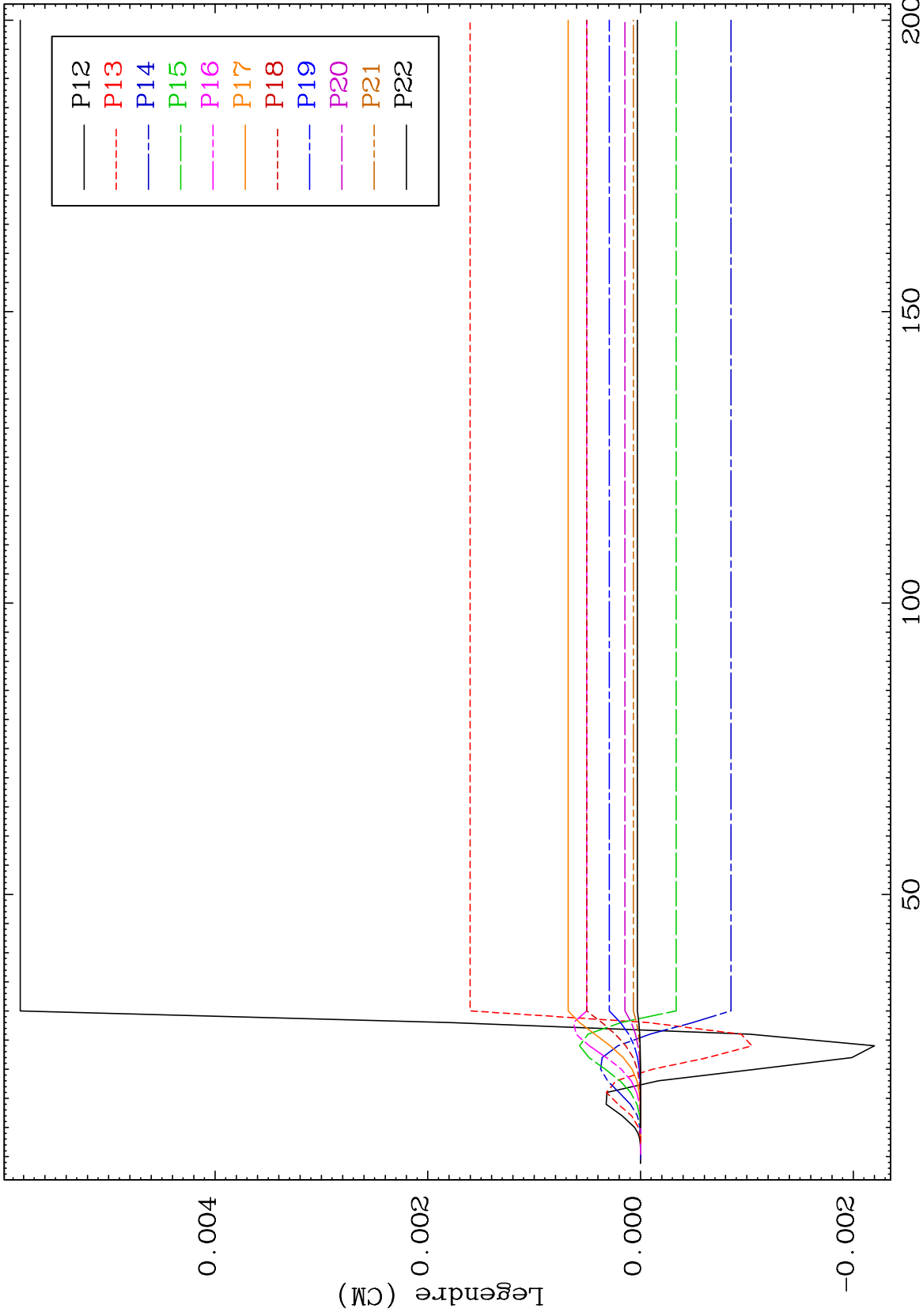
28-Ni-72



MAT 2867

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

28-Ni-72



24

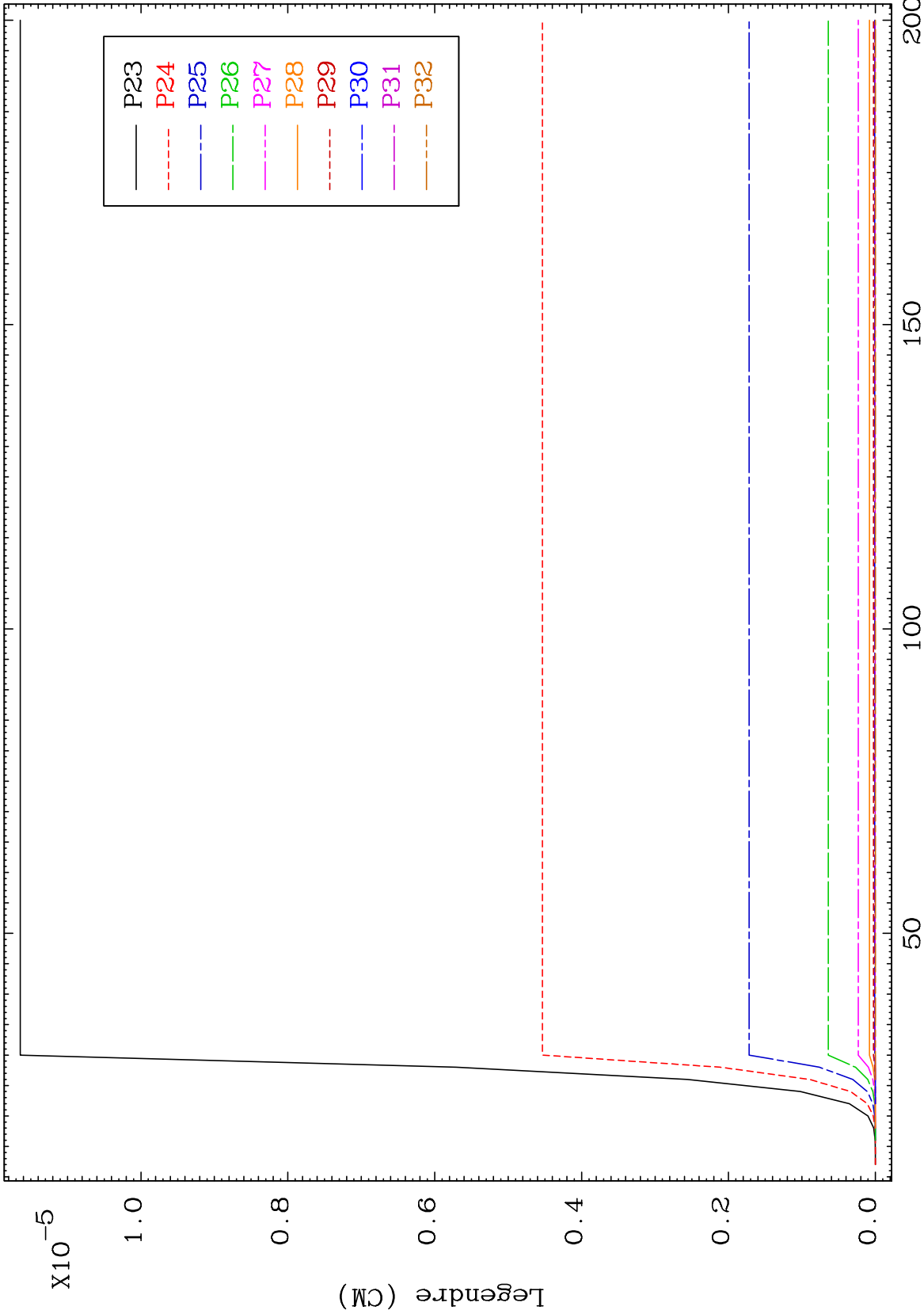
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



25

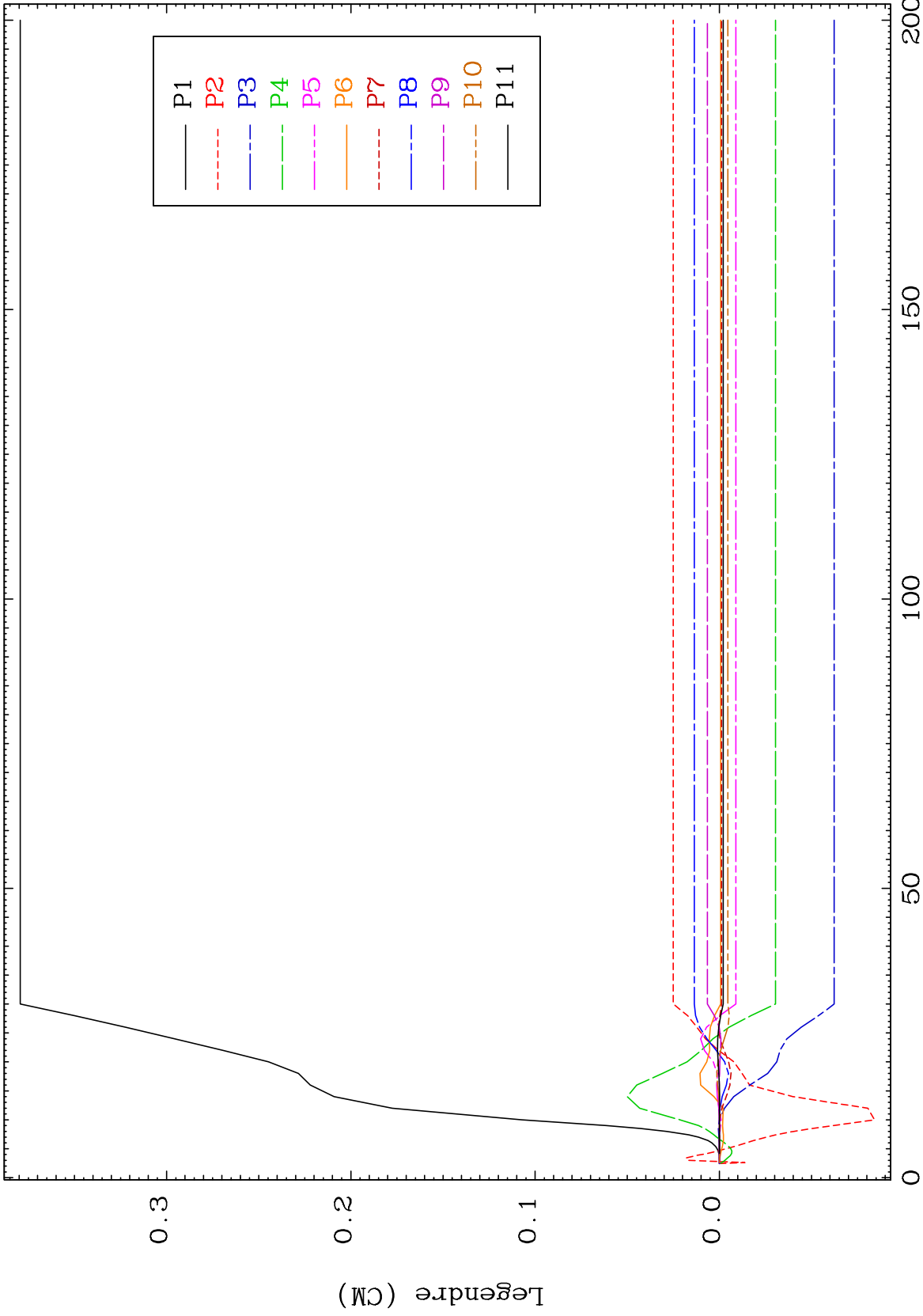
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



26

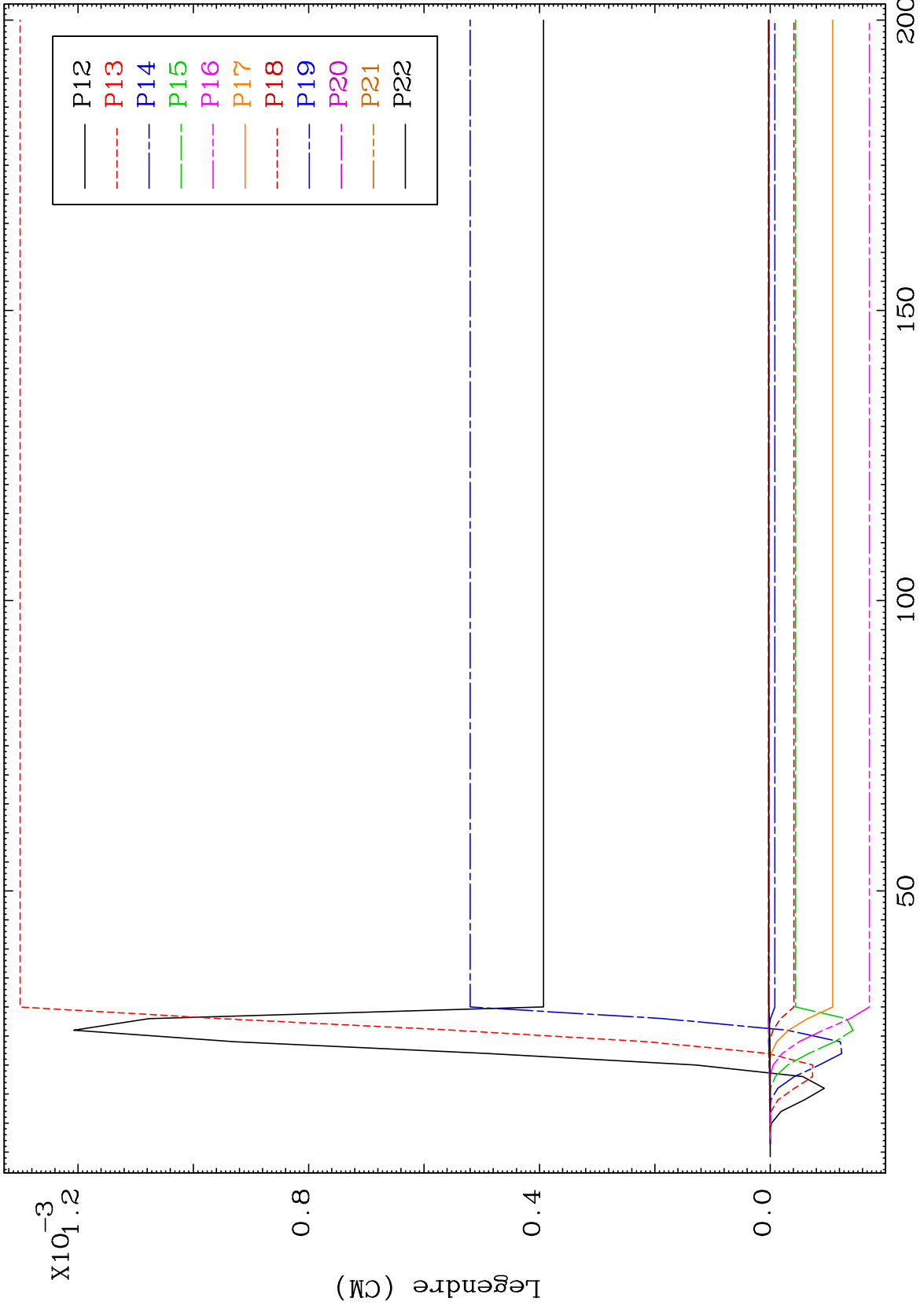
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

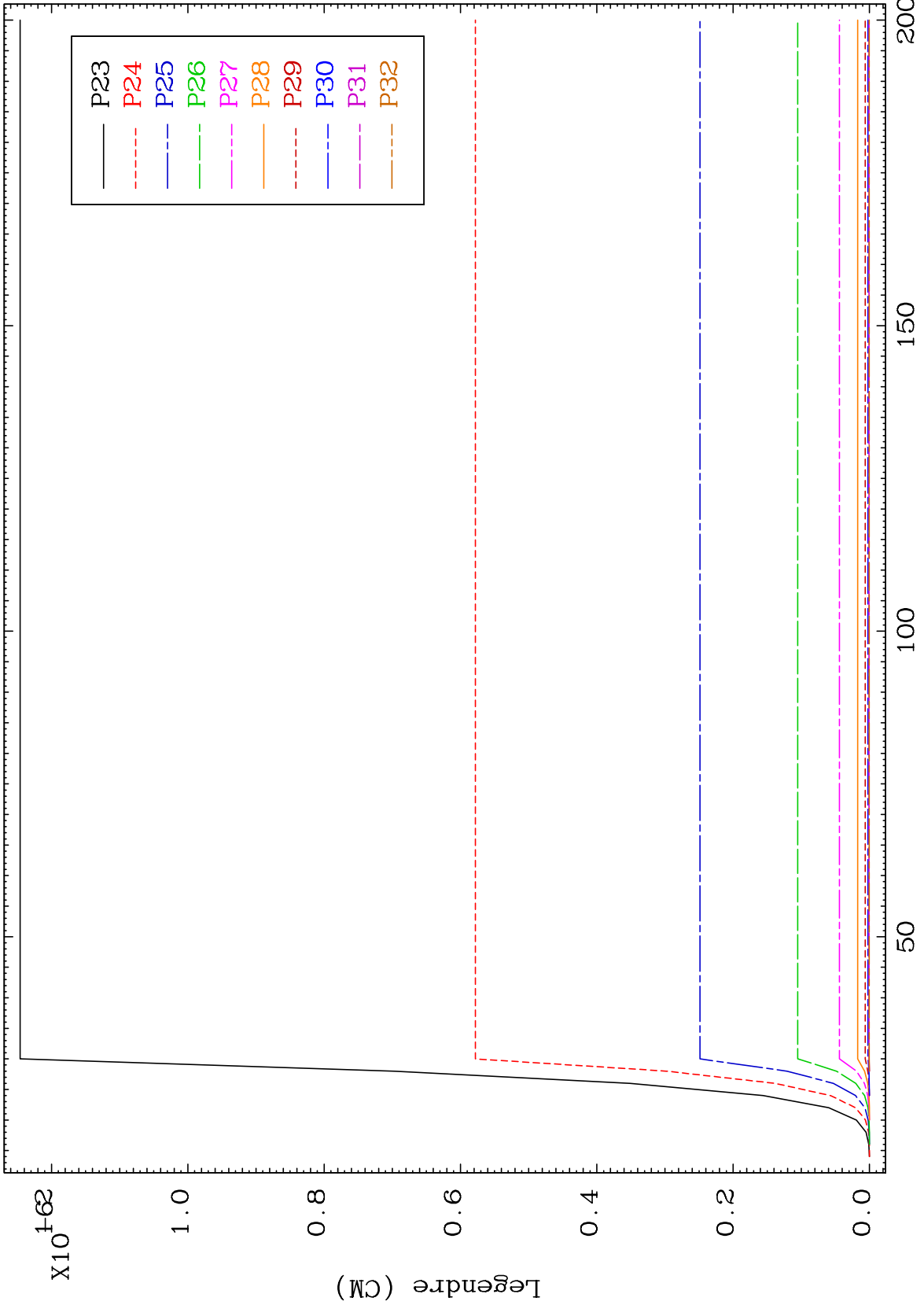
Incident Energy (MeV)

27

MAT 2867

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

28-Ni-72



28

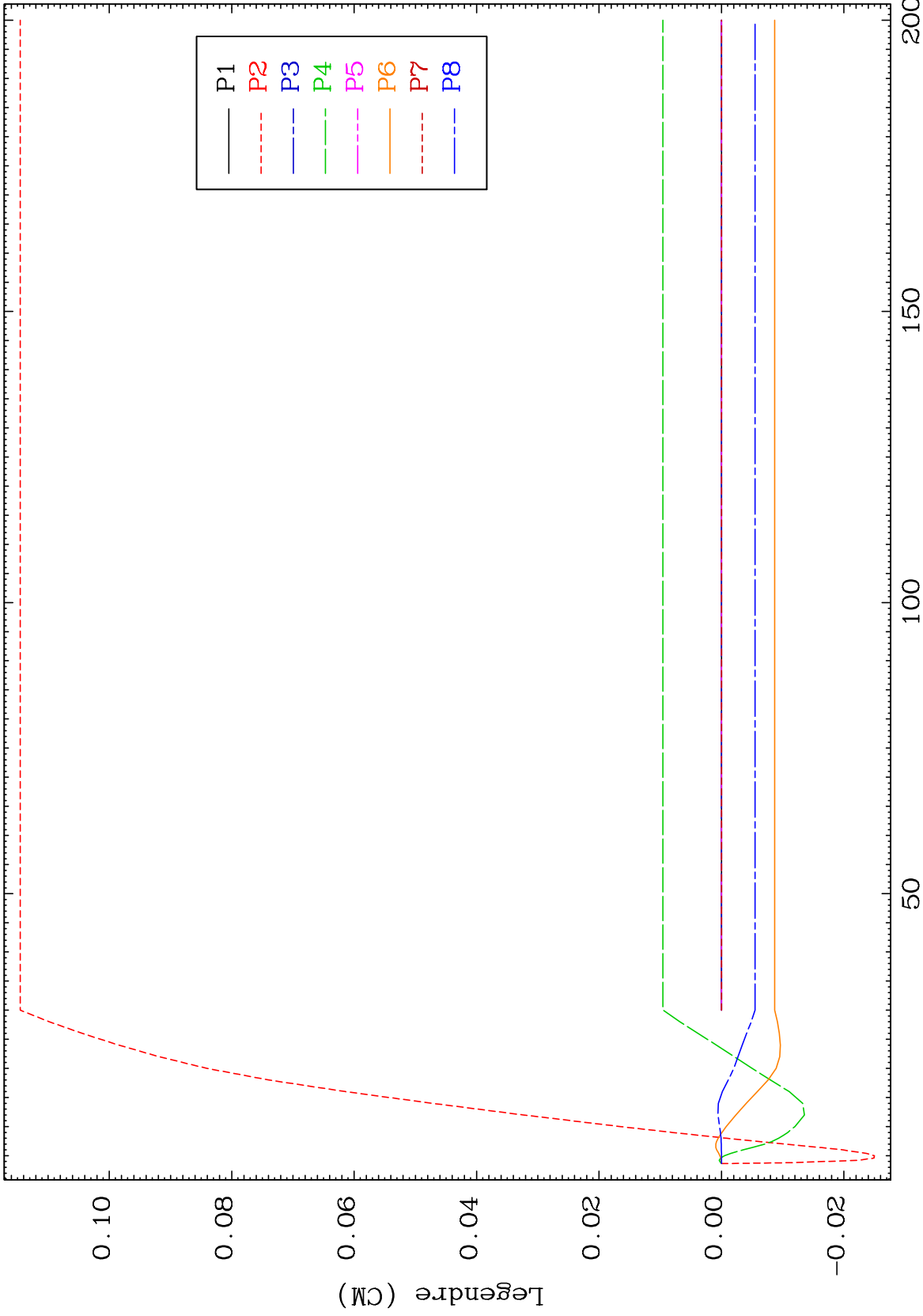
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



29

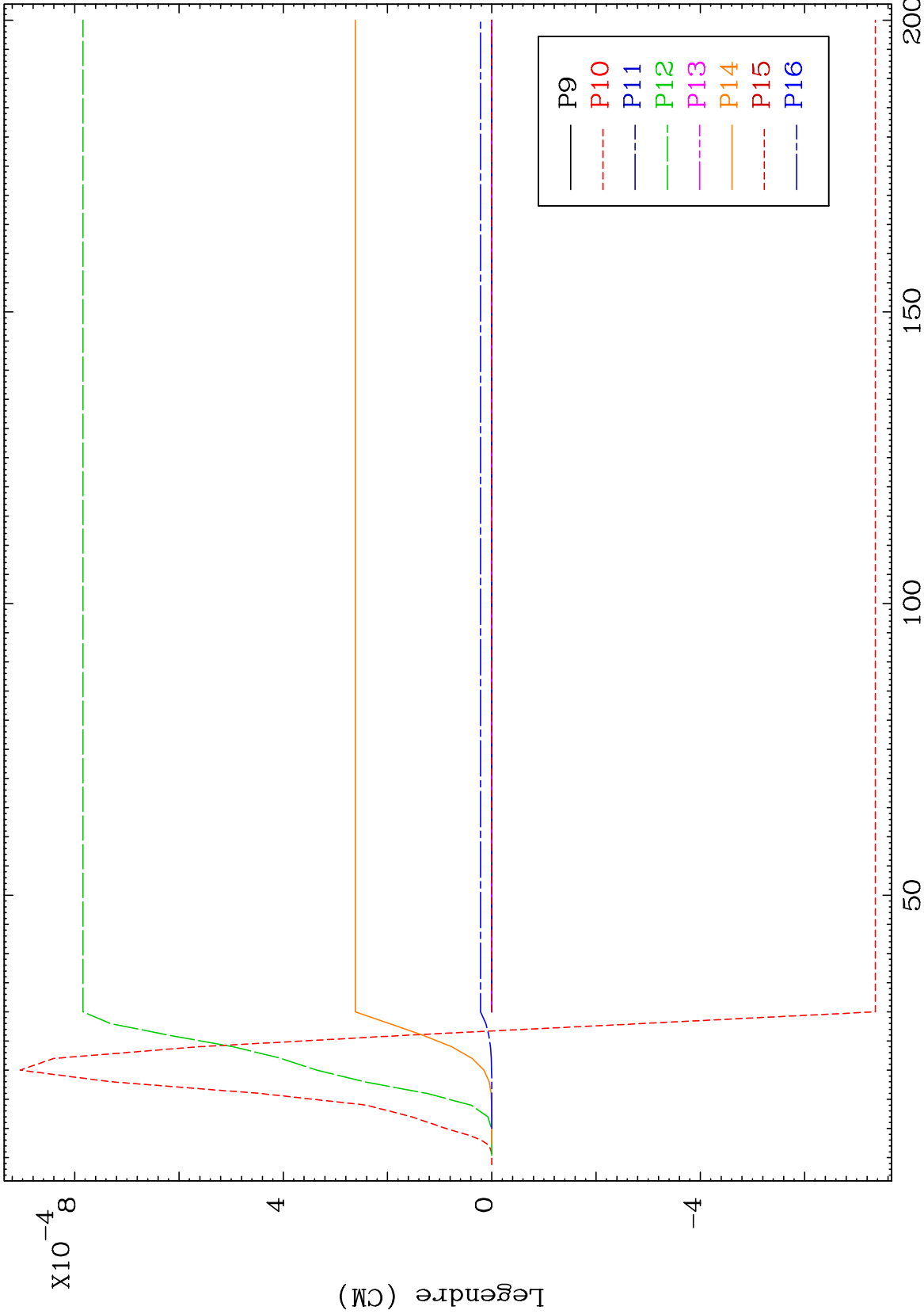
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



30

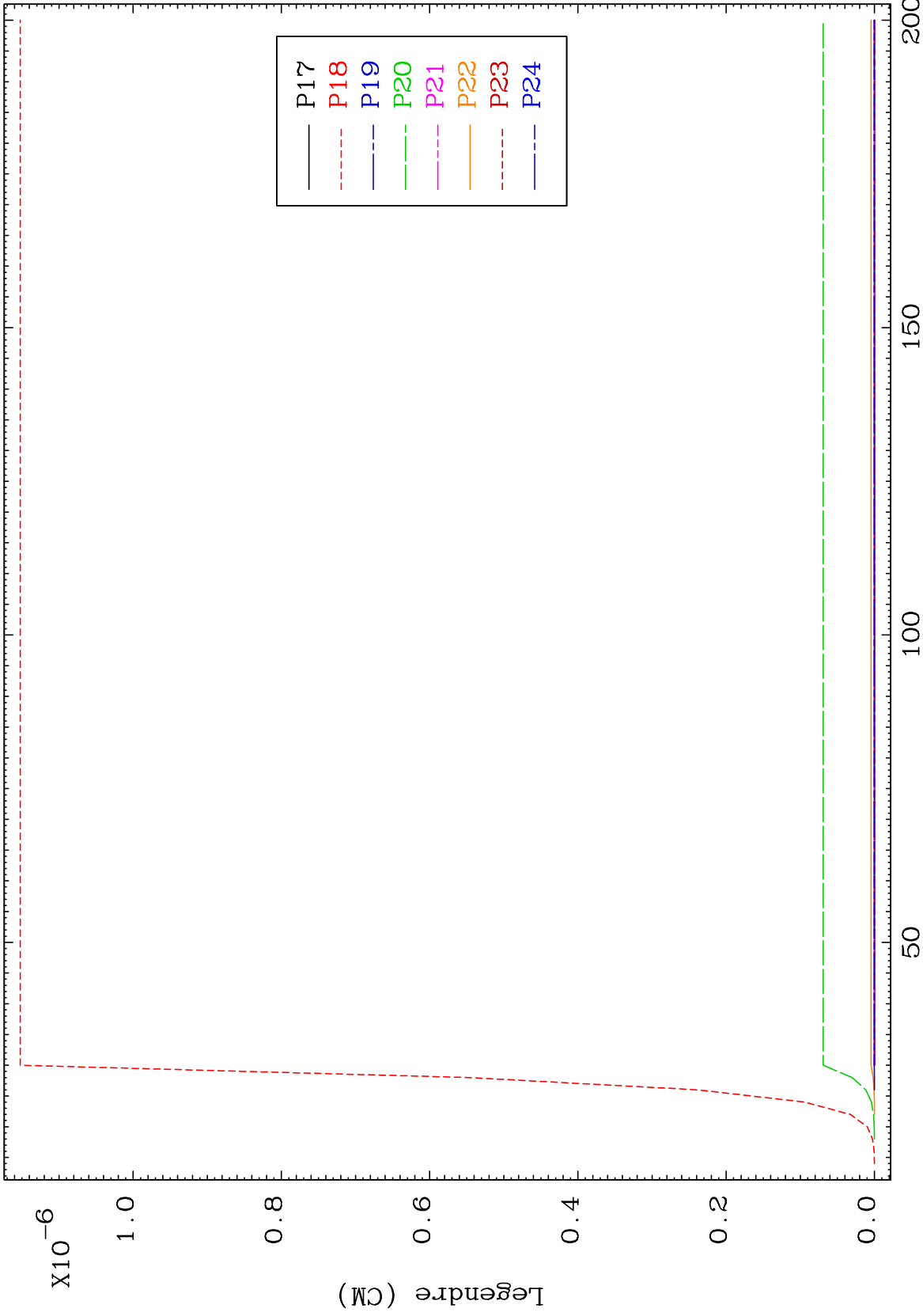
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



31

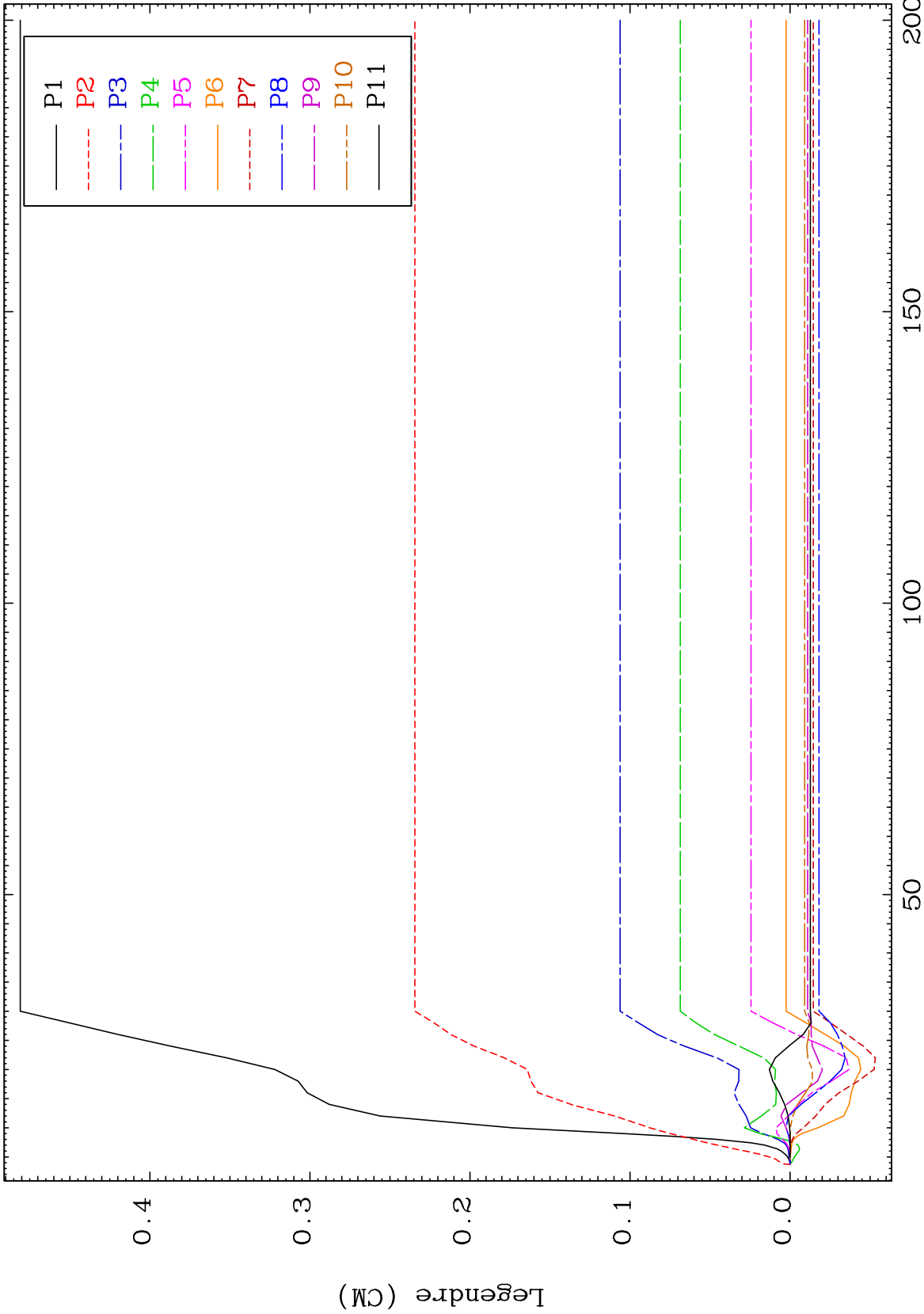
28-Ni-72



MAT 2867

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

28-Ni-72



32

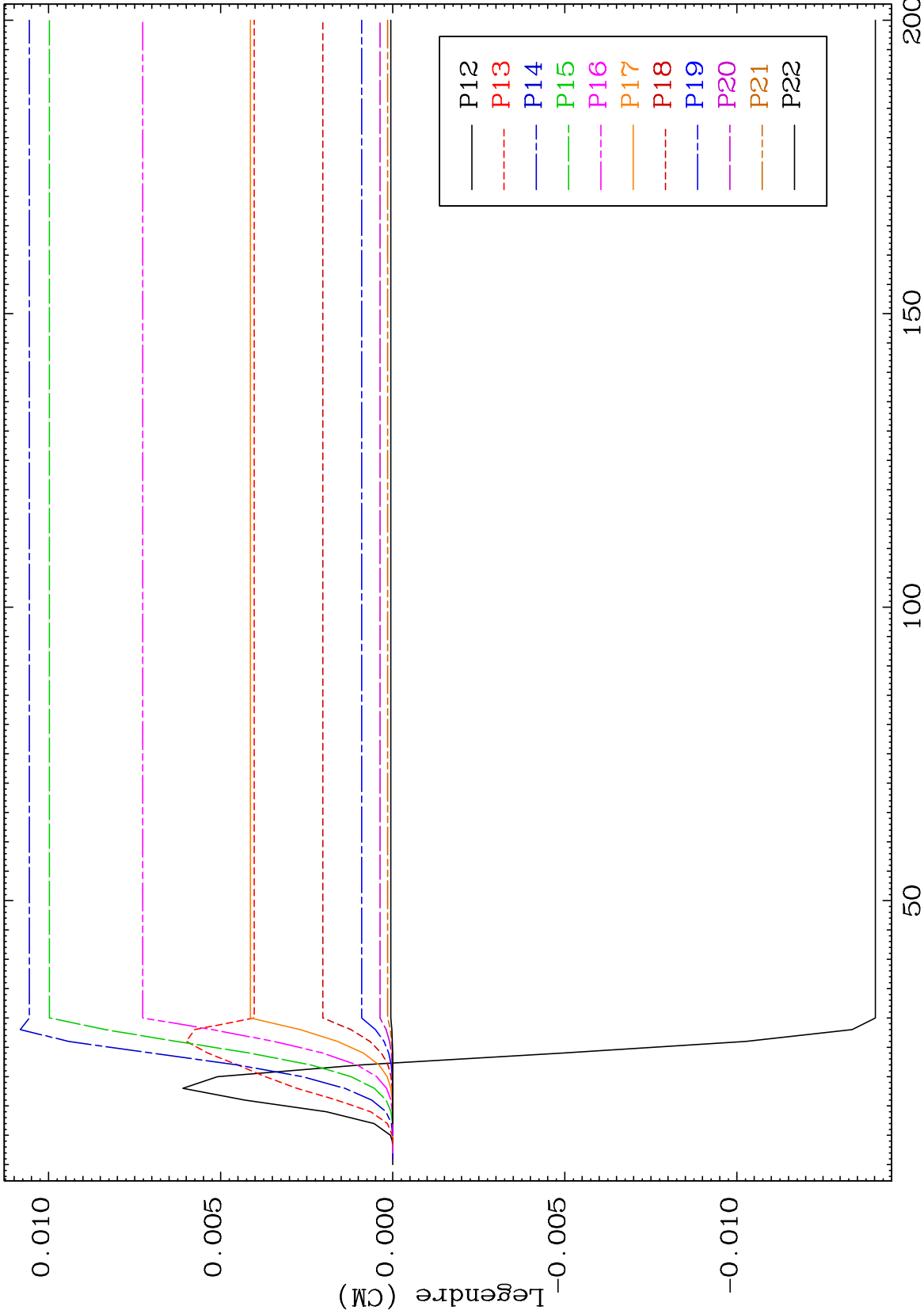
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



33

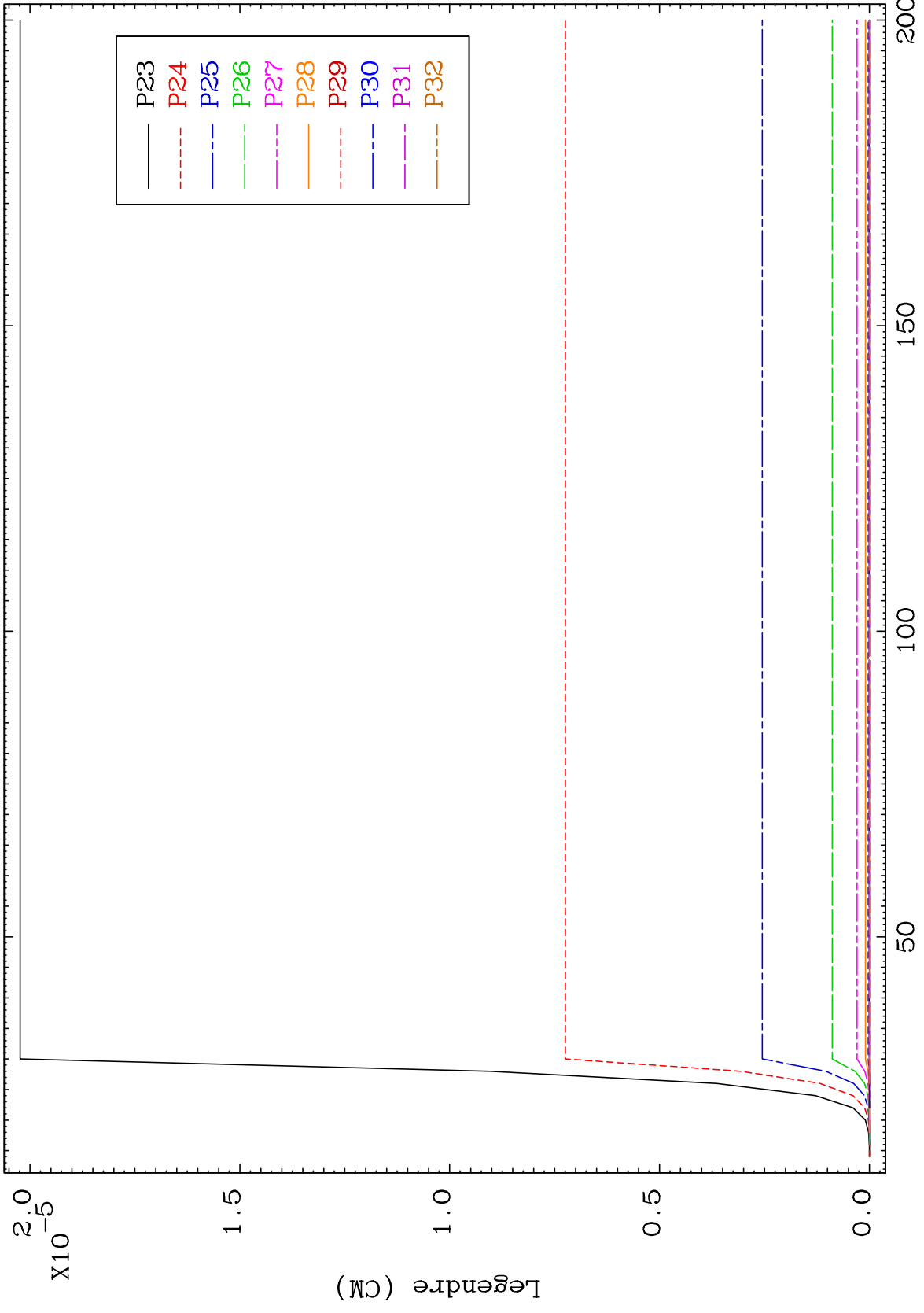
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

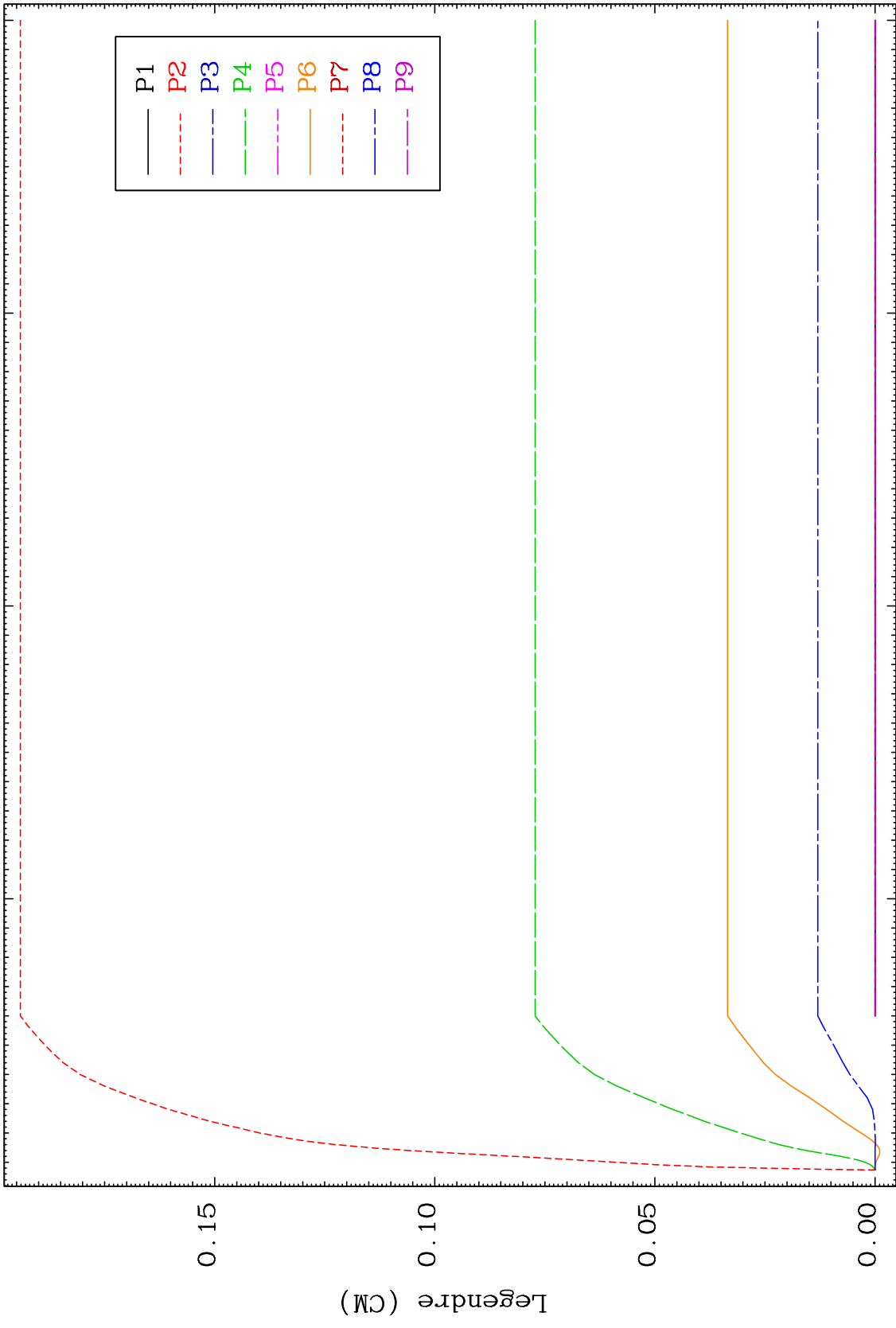


34

Incident Energy (MeV)

28-Ni-72

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

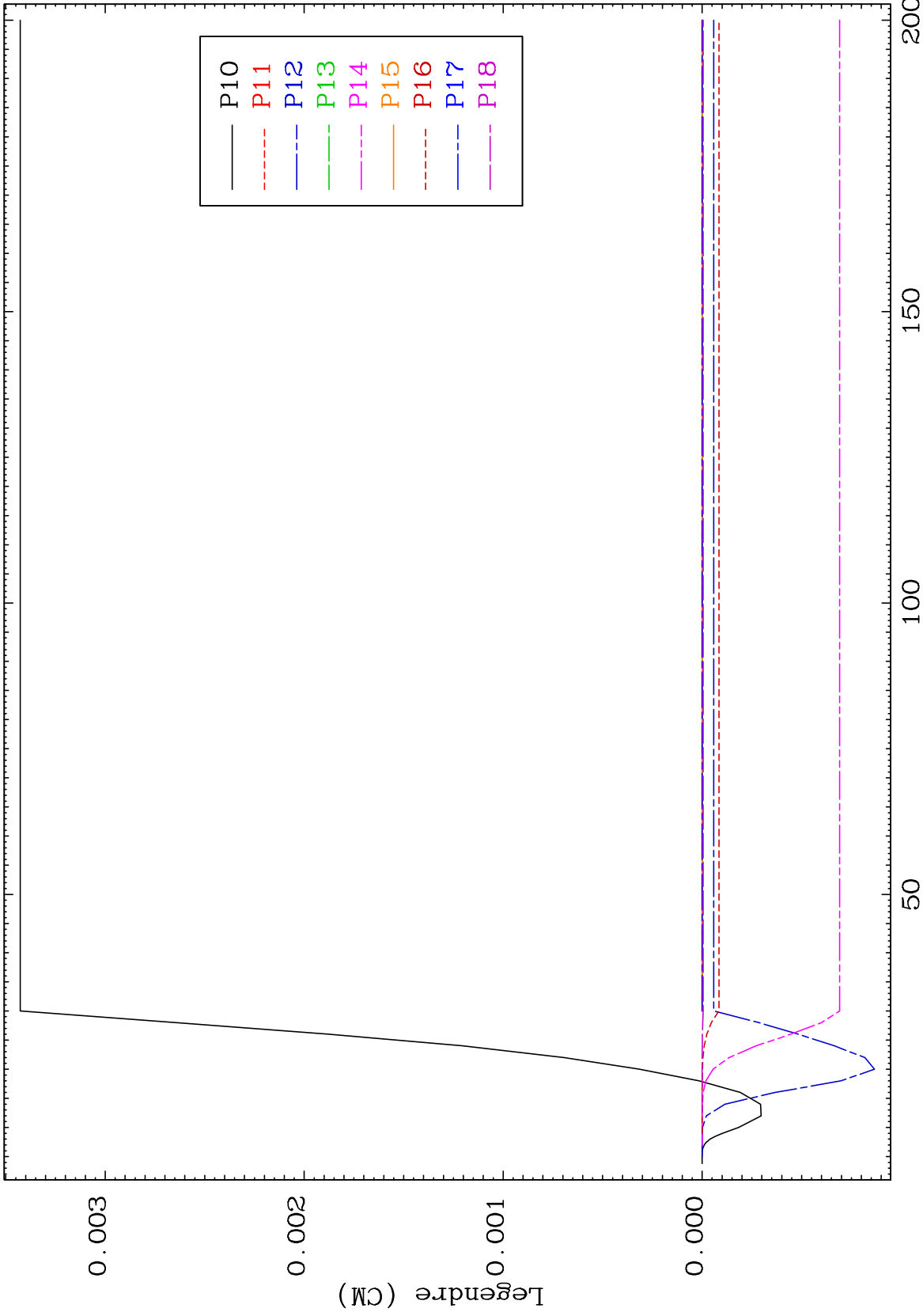


28-Ni-72

MAT 2867

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

28-Ni-72

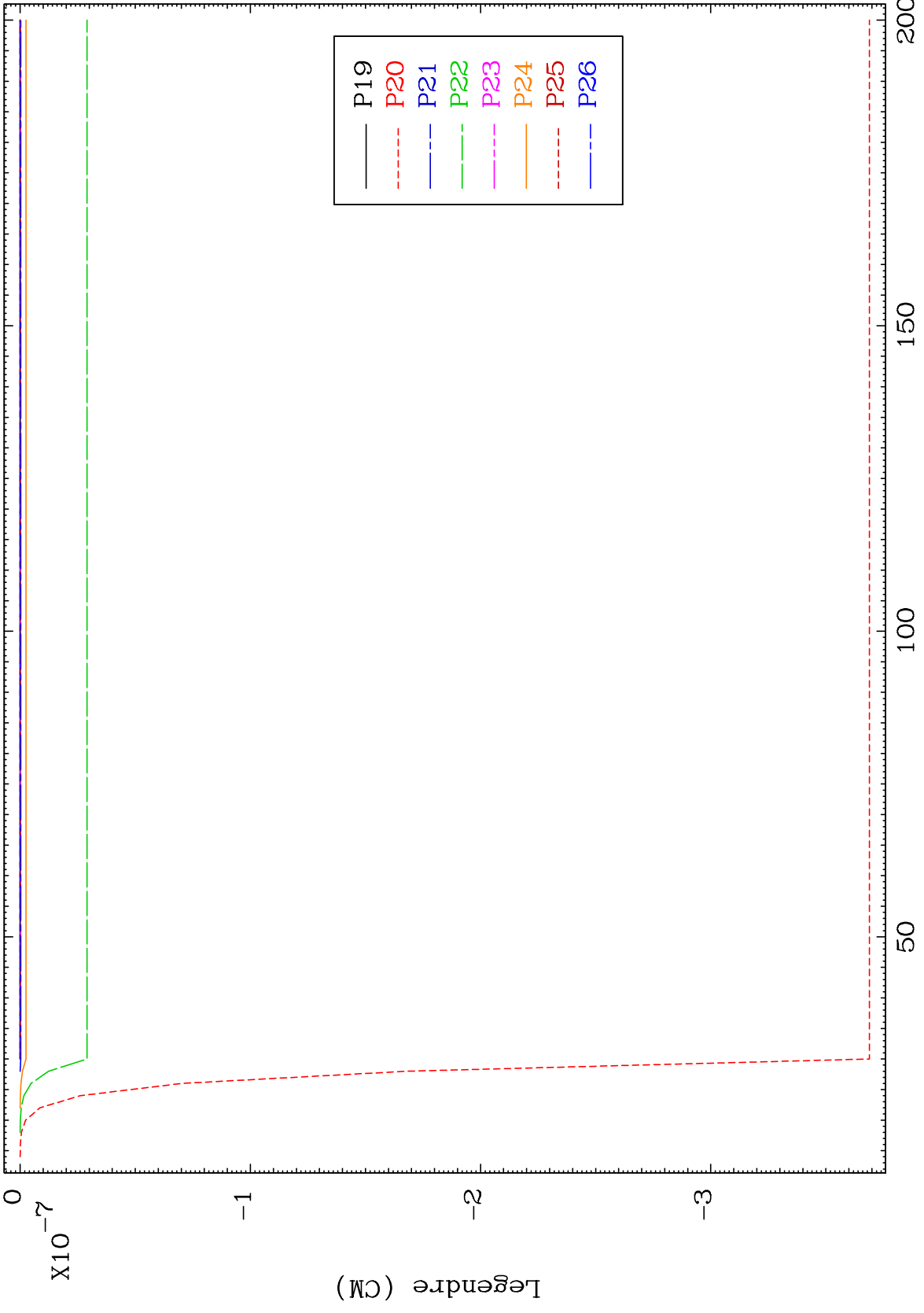


36

Incident Energy (MeV)

28-Ni-72

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

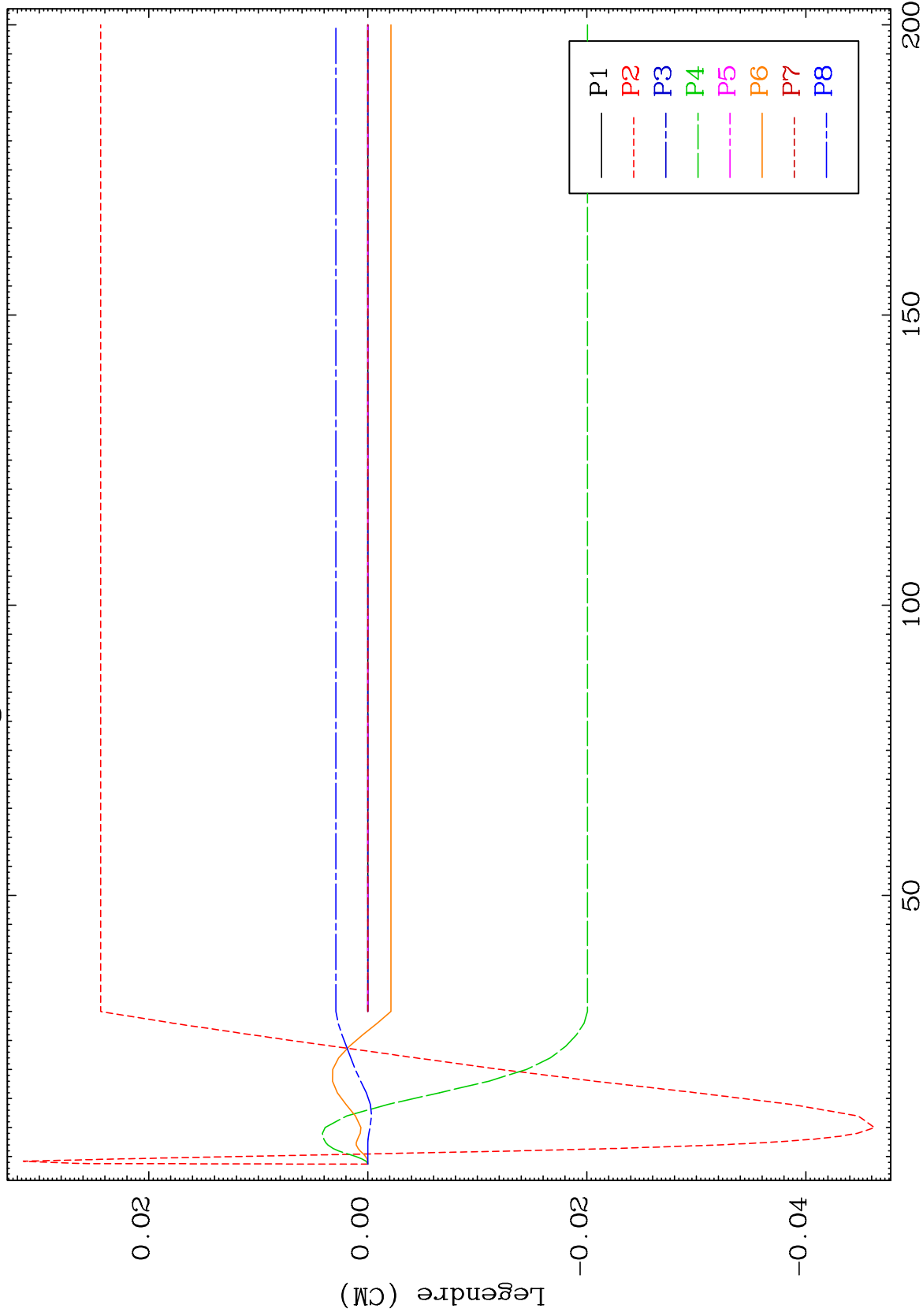


37 28-Ni-72

MAT 2867

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

28-Ni-72



38

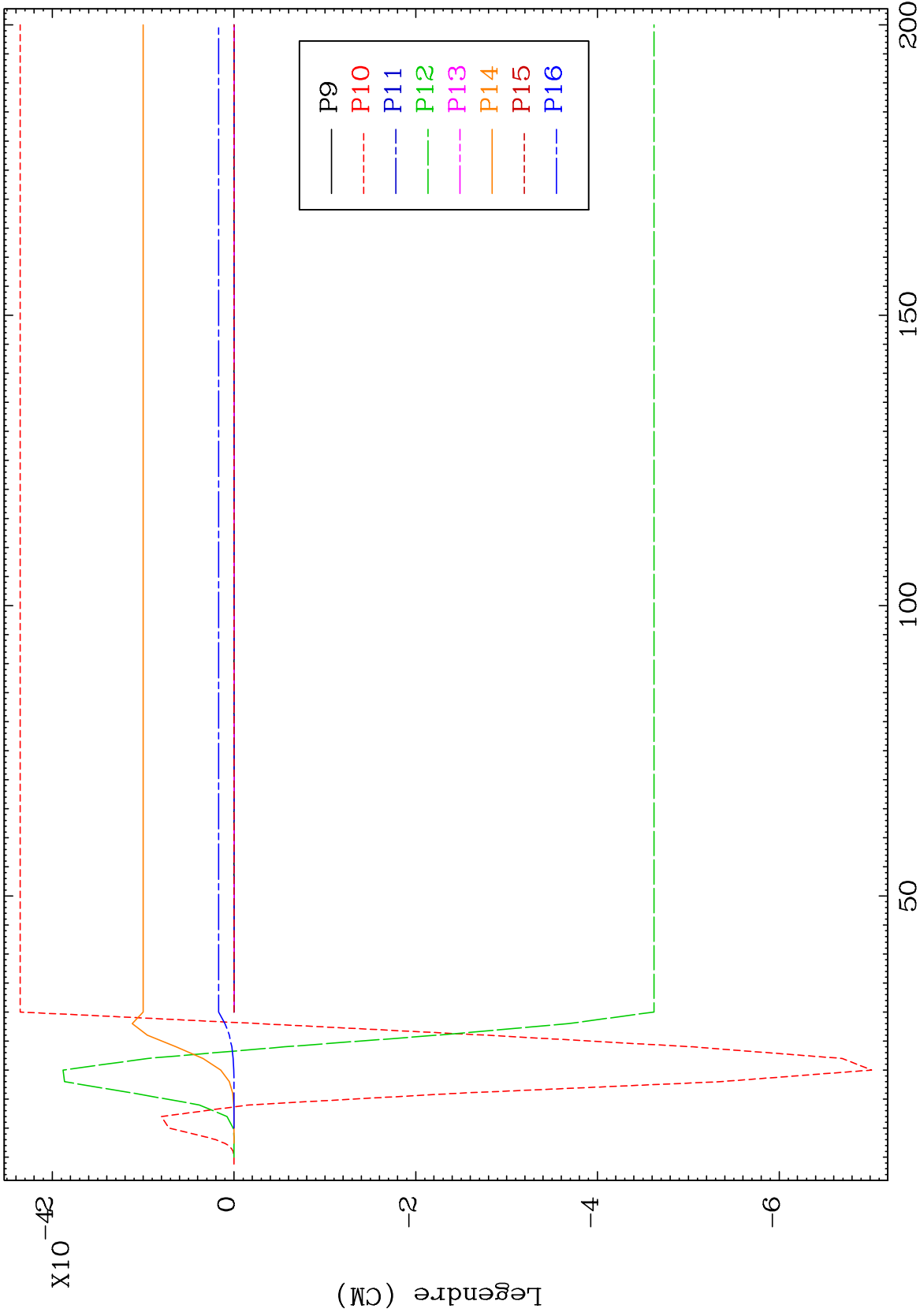
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



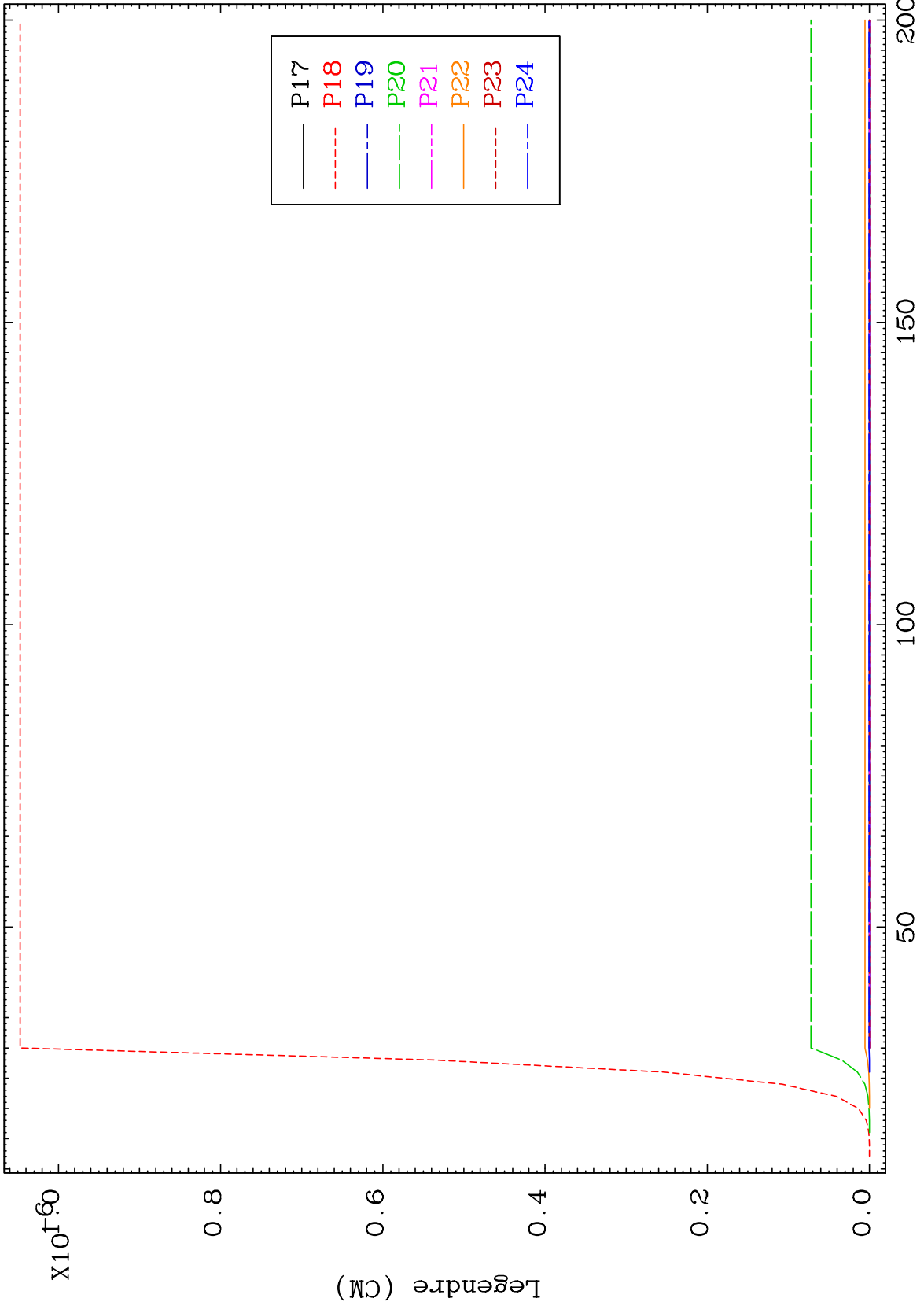
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Incident Energy (MeV)

28-Ni-72



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

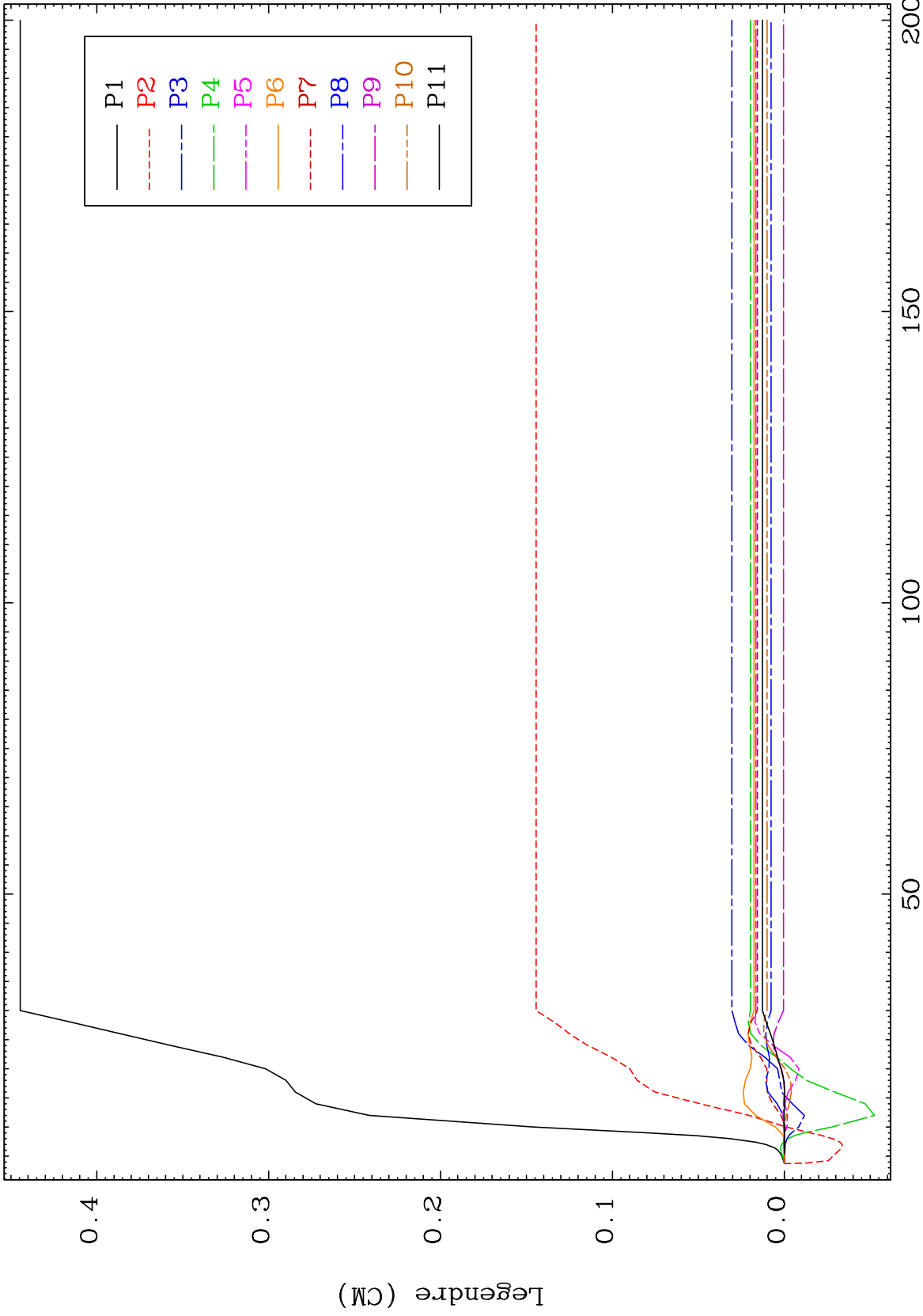


28-Ni-72

MAT 2867

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

28-Ni-72



41

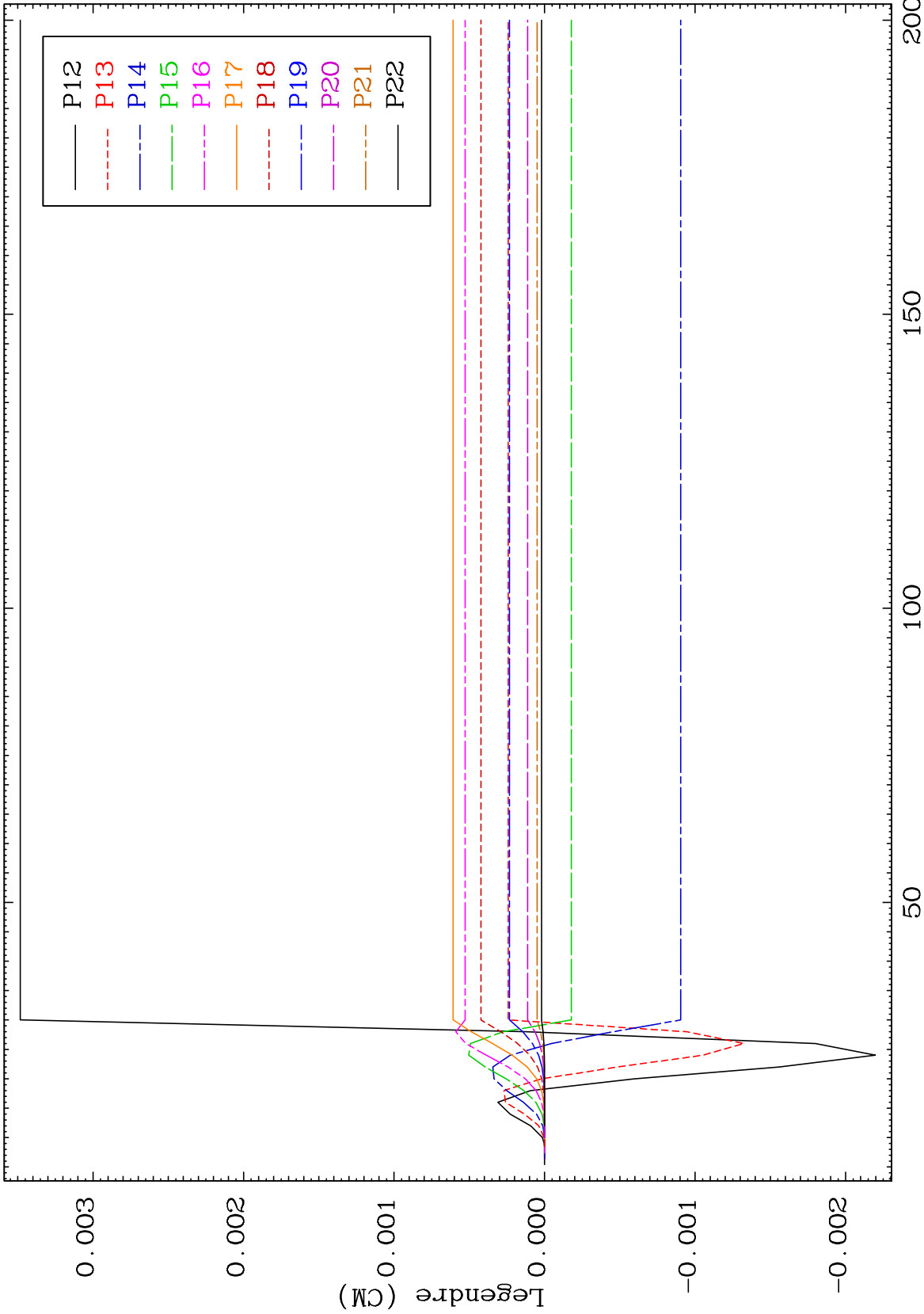
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



42

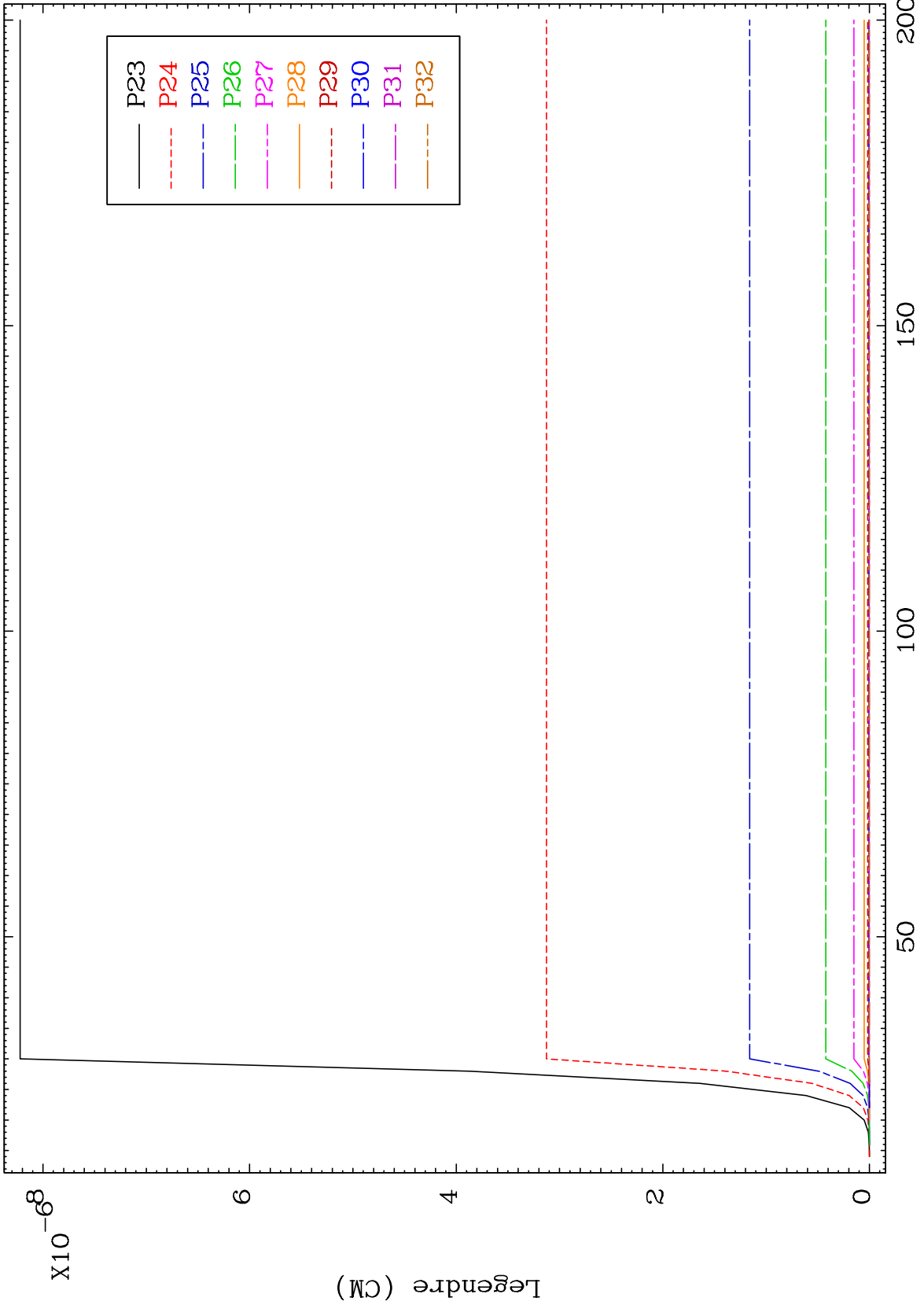
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



43

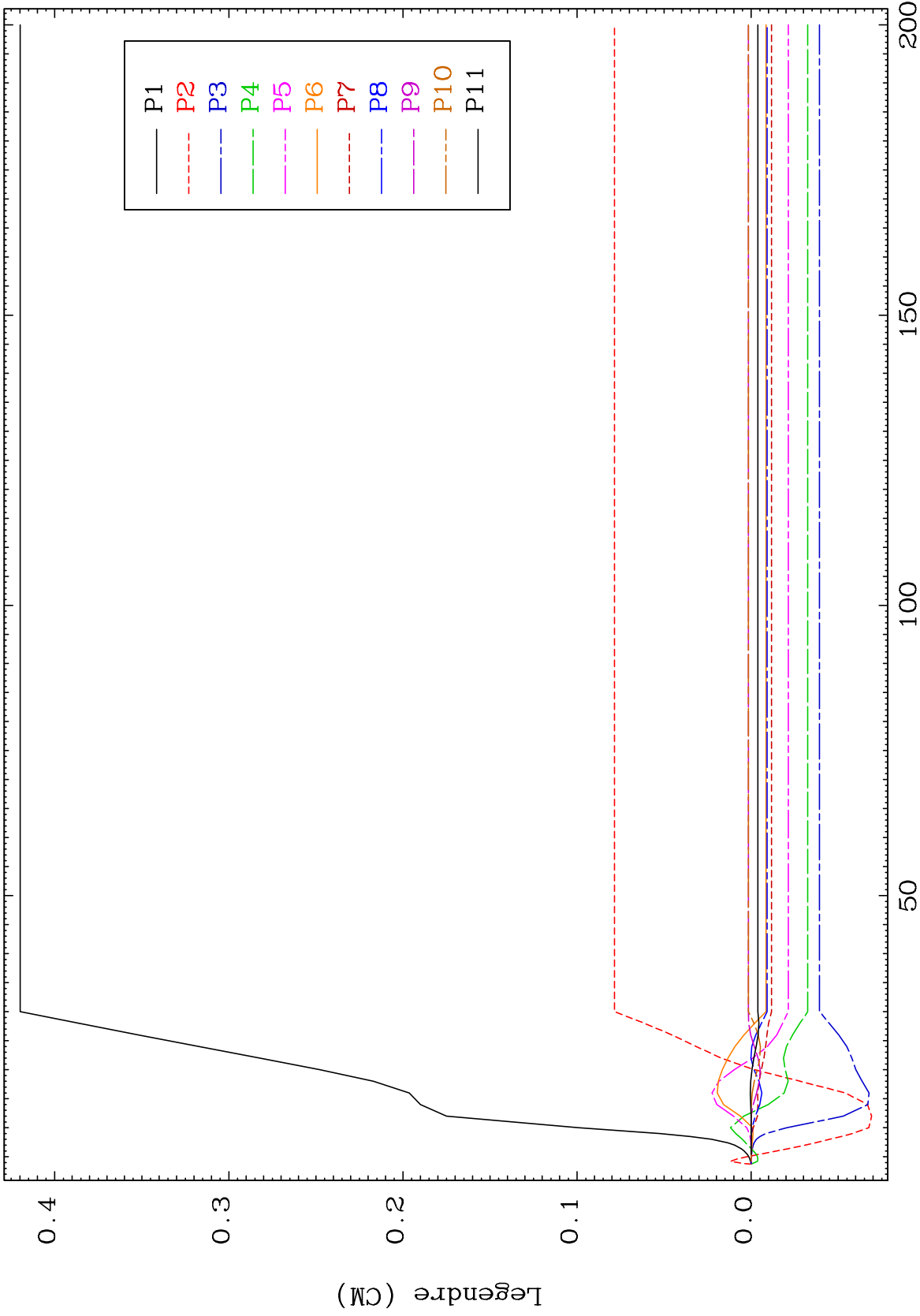
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



44

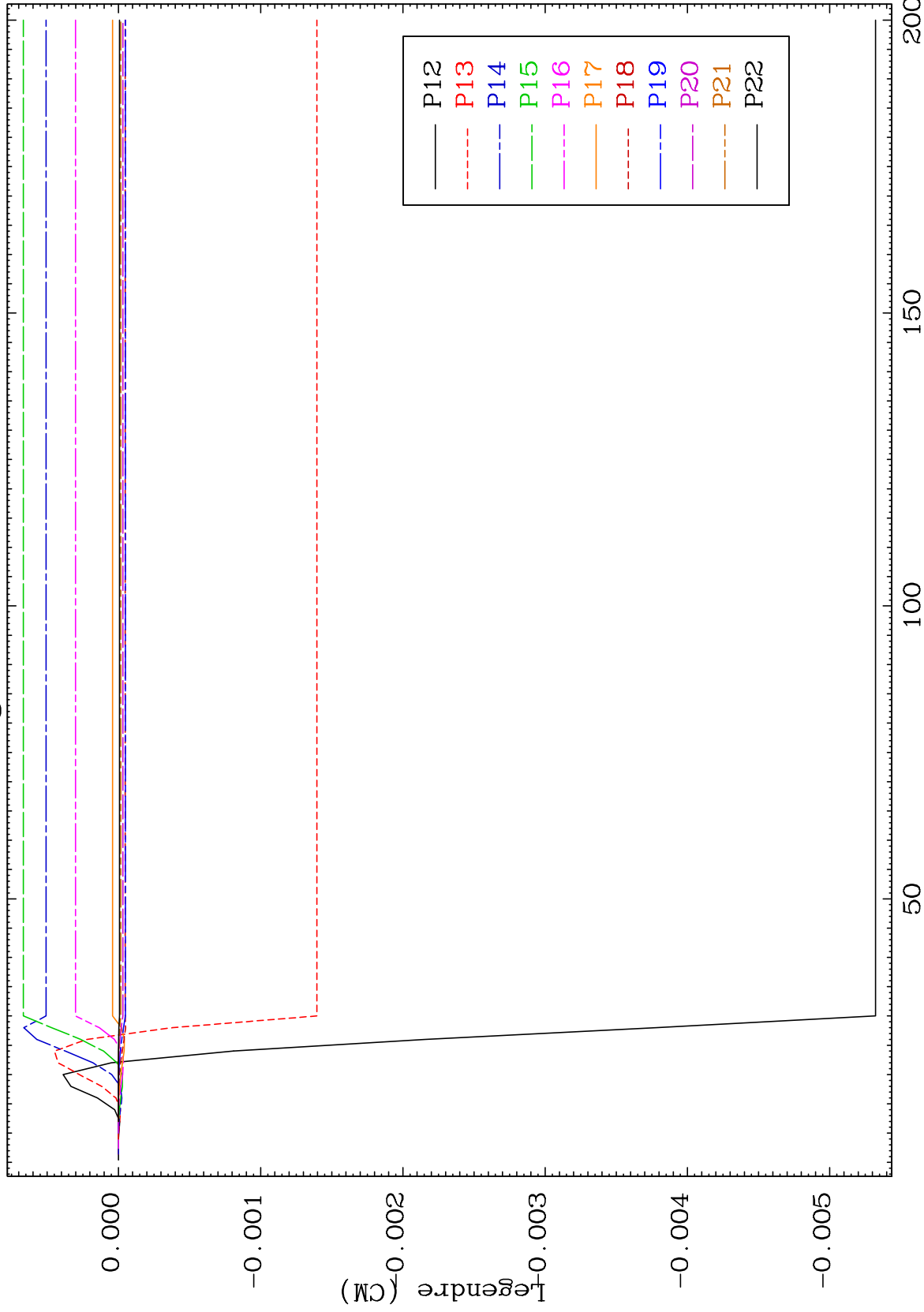
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



45

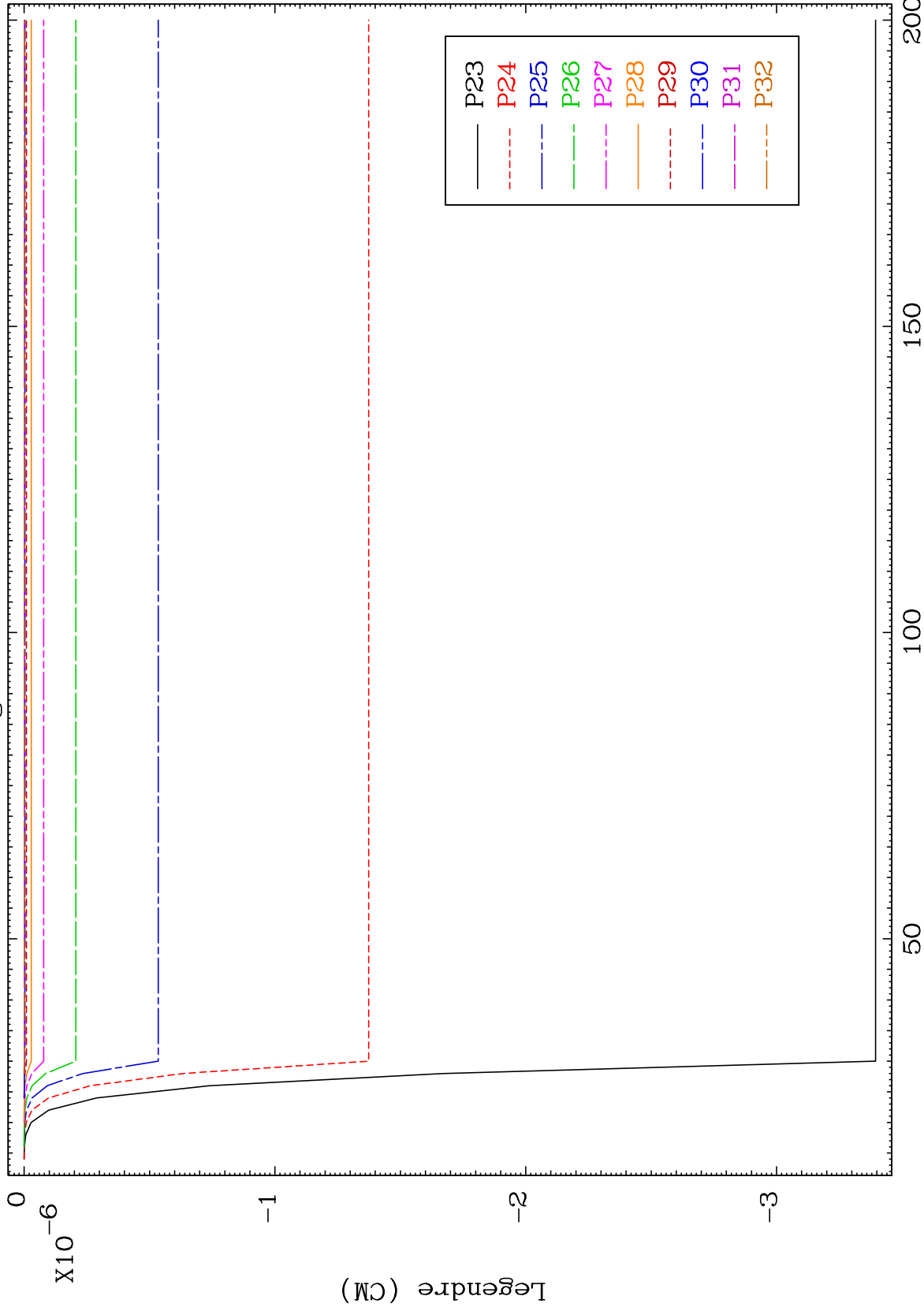
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

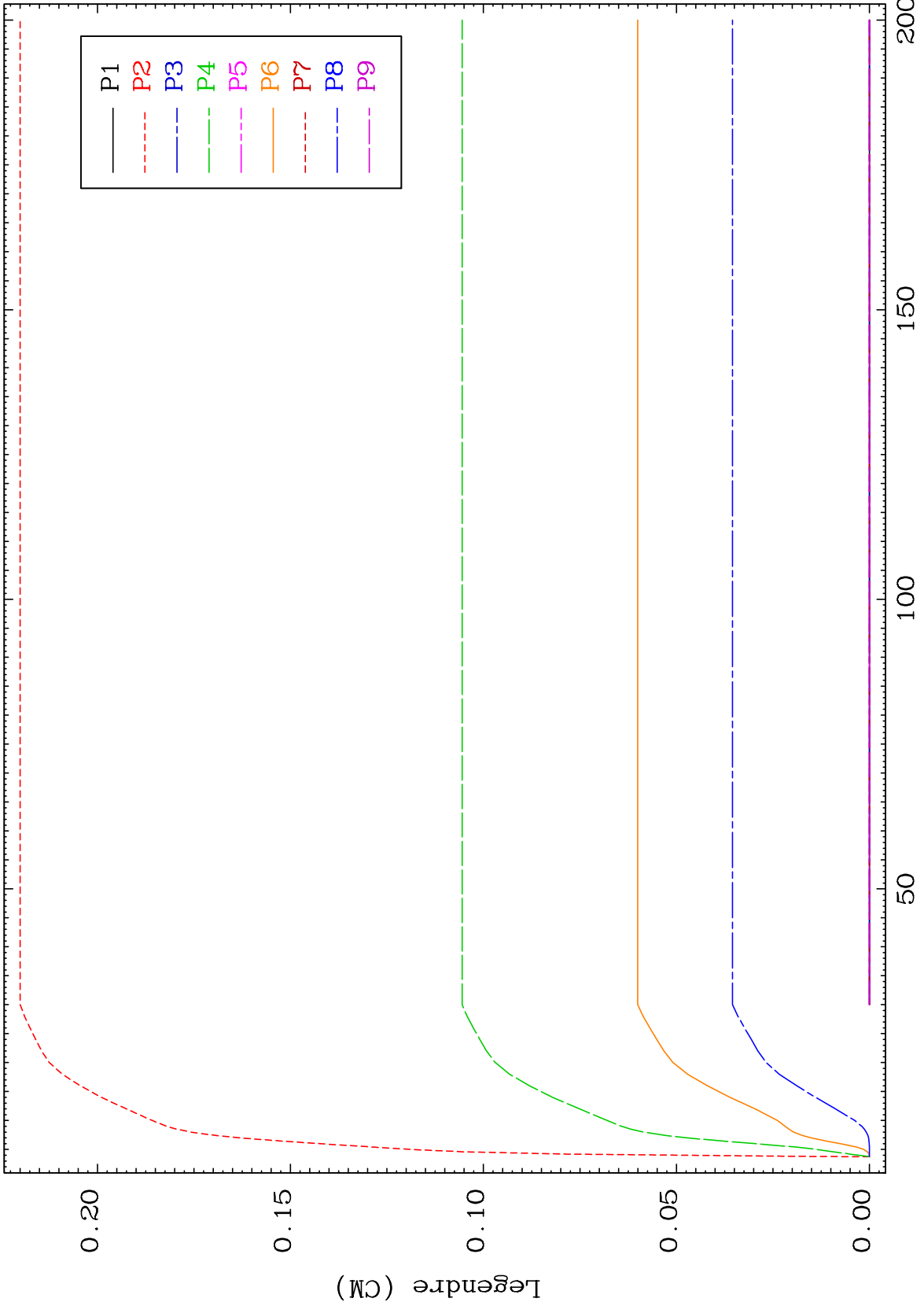


46

Incident Energy (MeV)

28-Ni-72

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



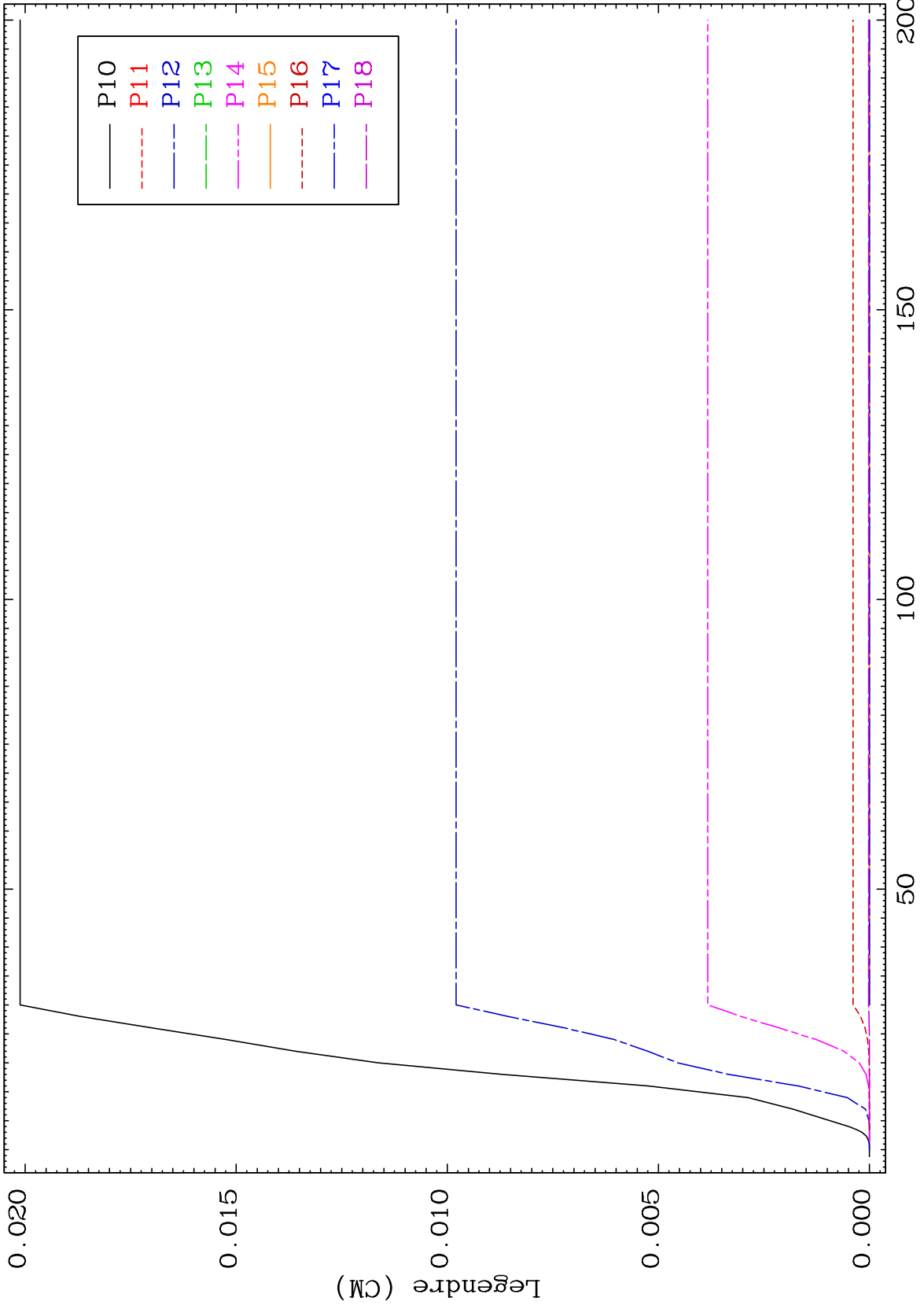
47 Incident Energy (MeV) 28-Ni-72



MAT 2867

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

28-Ni-72



48

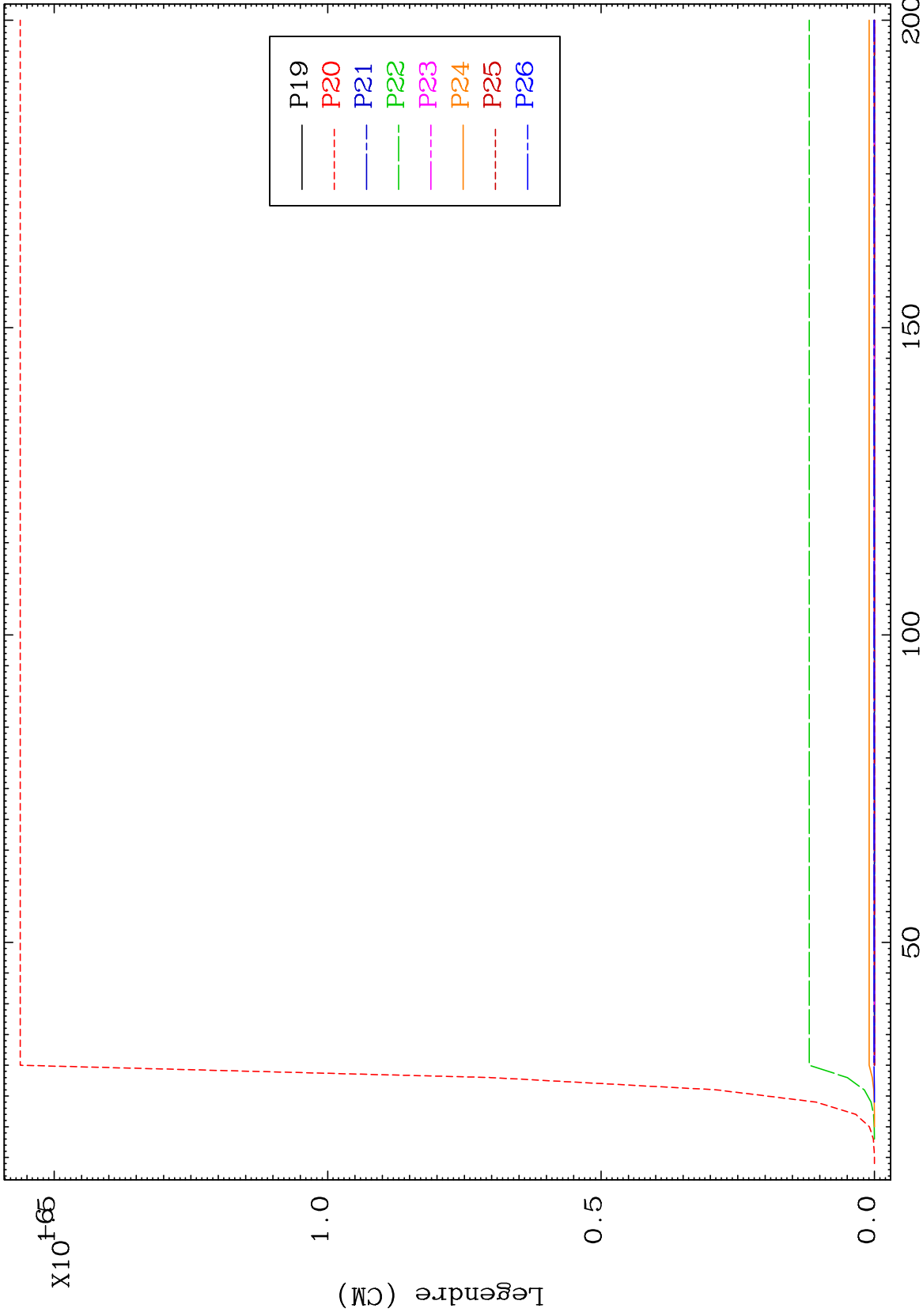
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



49

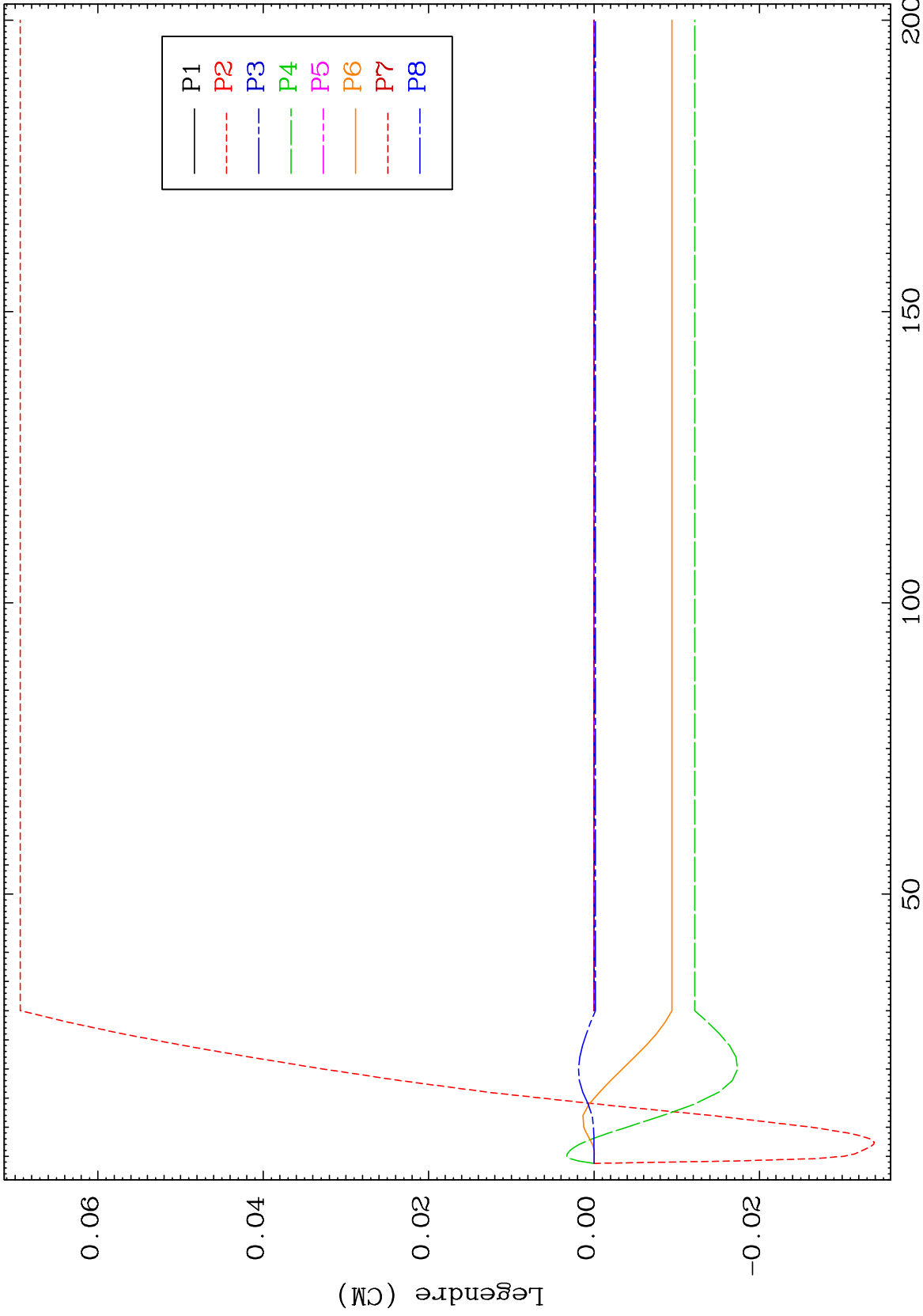
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

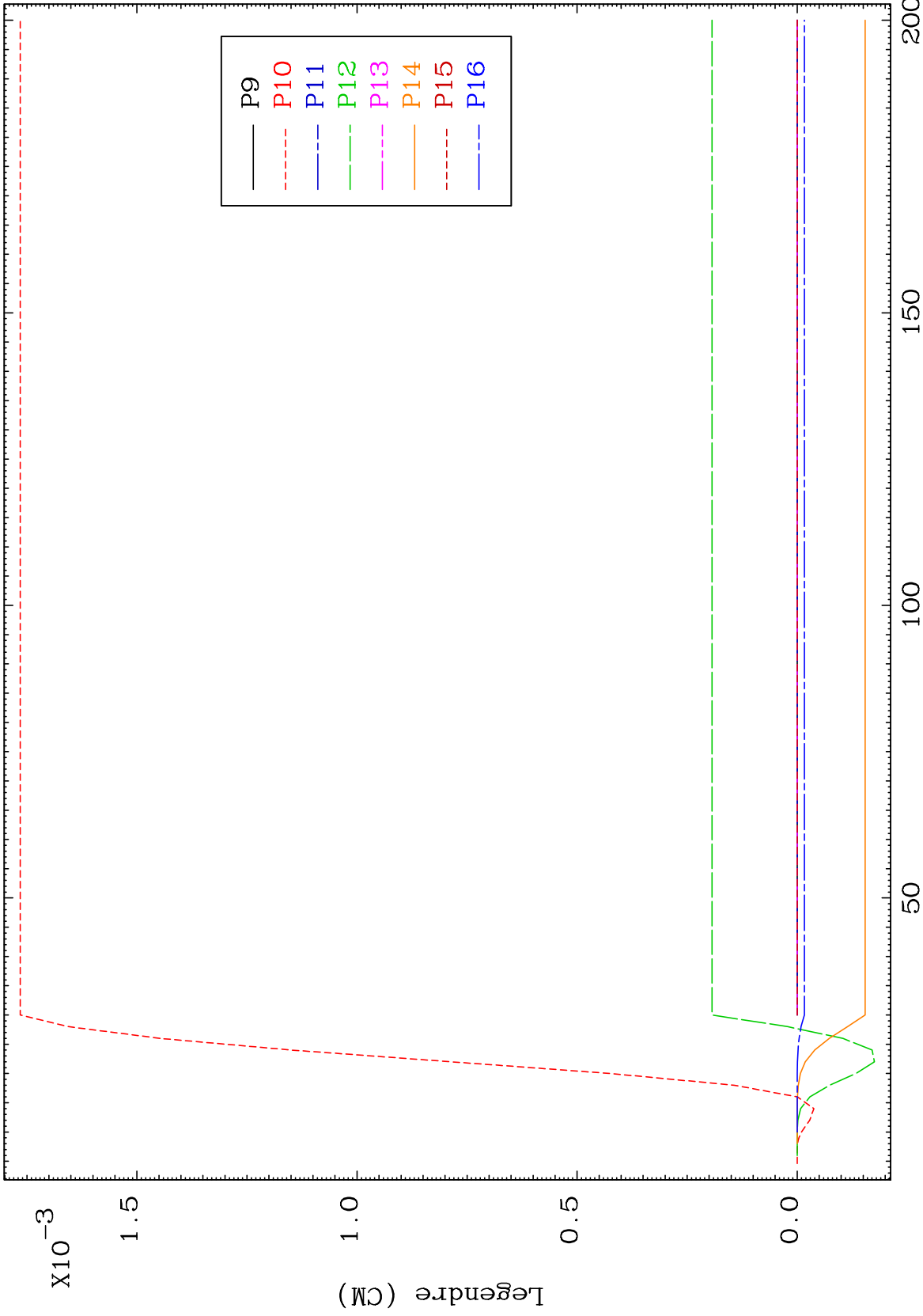
Incident Energy (MeV)

50

MAT 2867

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

28-Ni-72



51

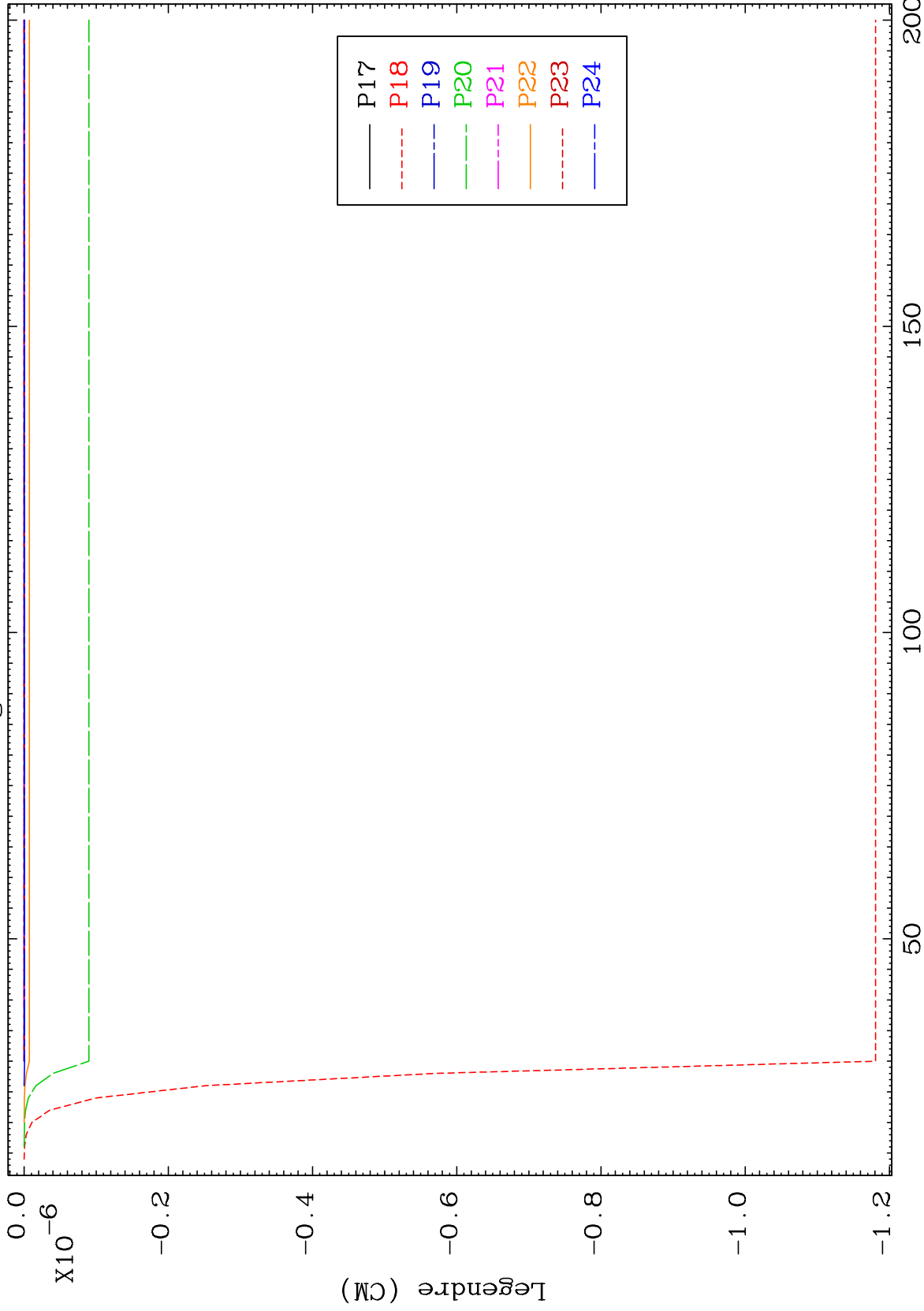
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



52

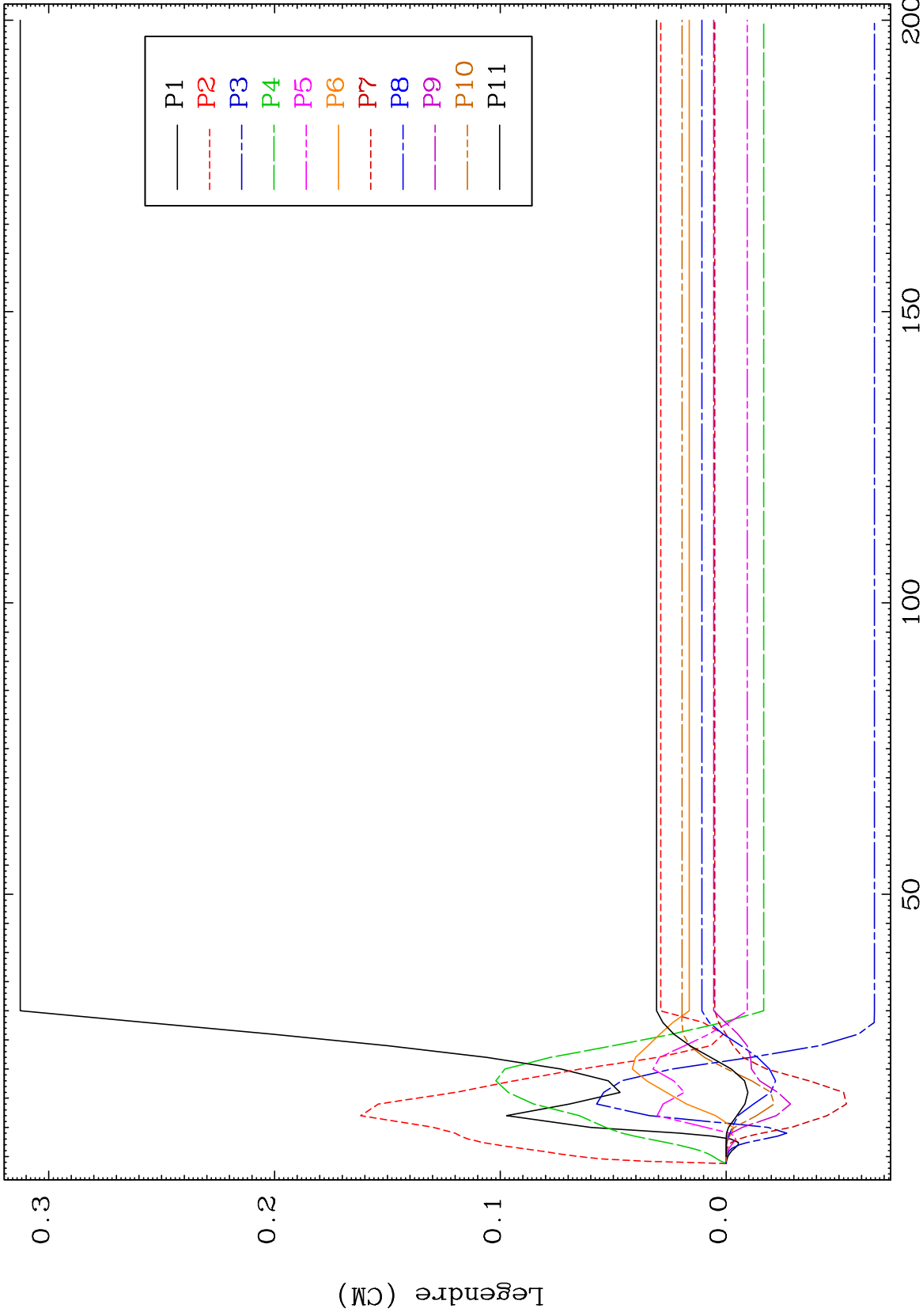
Incident Energy (MeV)

28-Ni-72

MAT 2867

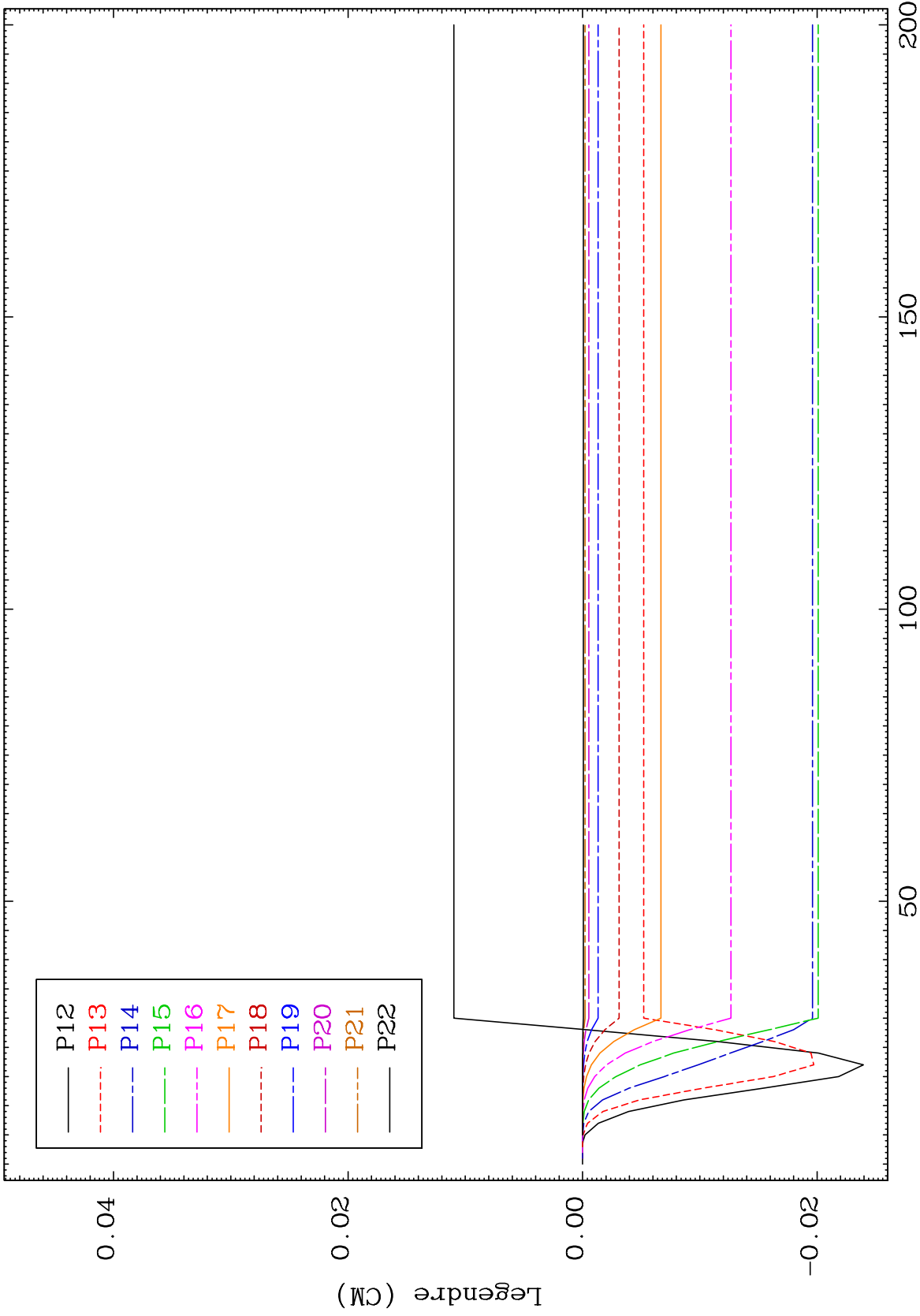
MT= 62 (n,n') Level  
Legendre Coefficients

28-Ni-72

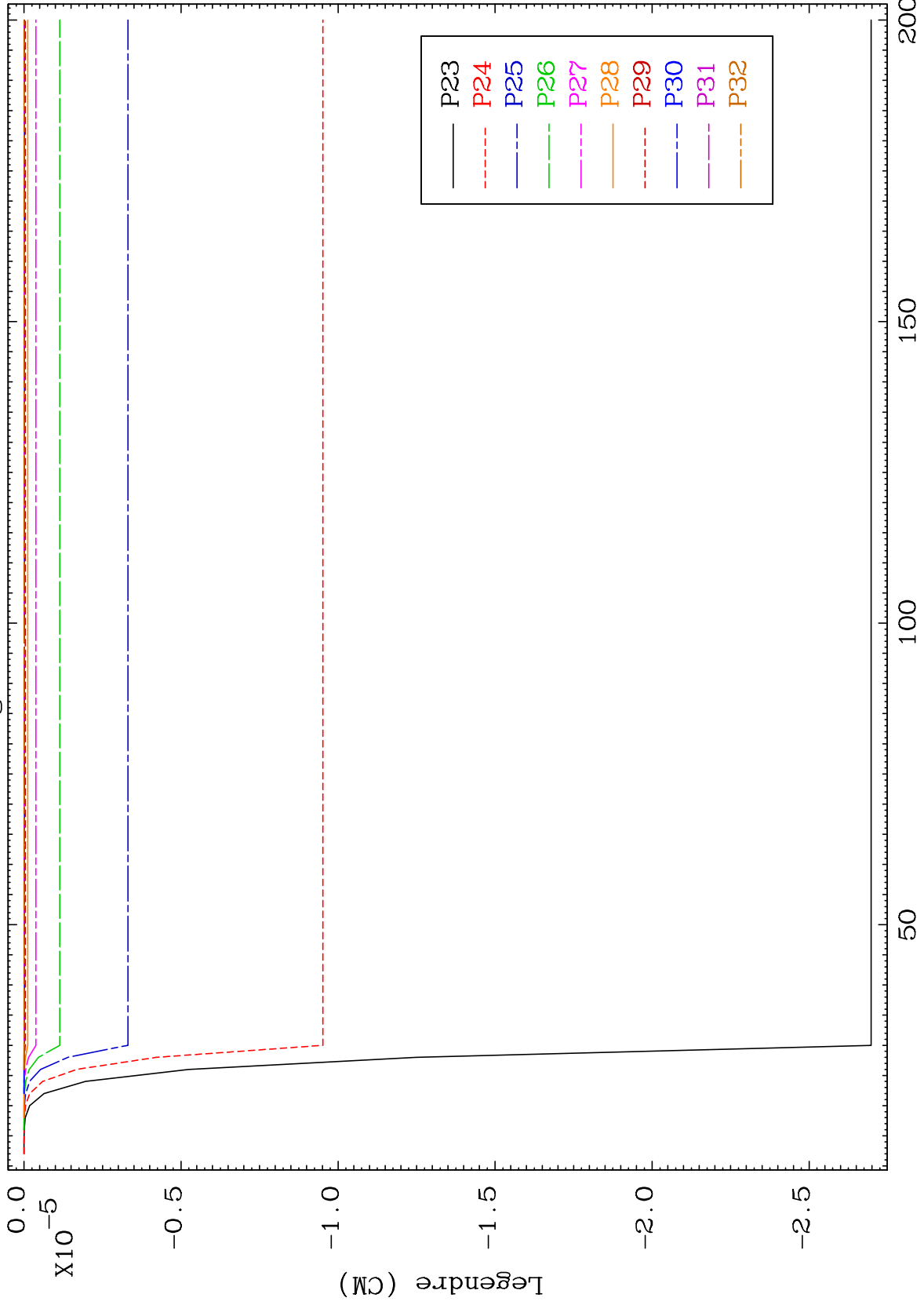


53

28-Ni-72



MAT 2867 MT= 62 (n,n') Level Legendre Coefficients

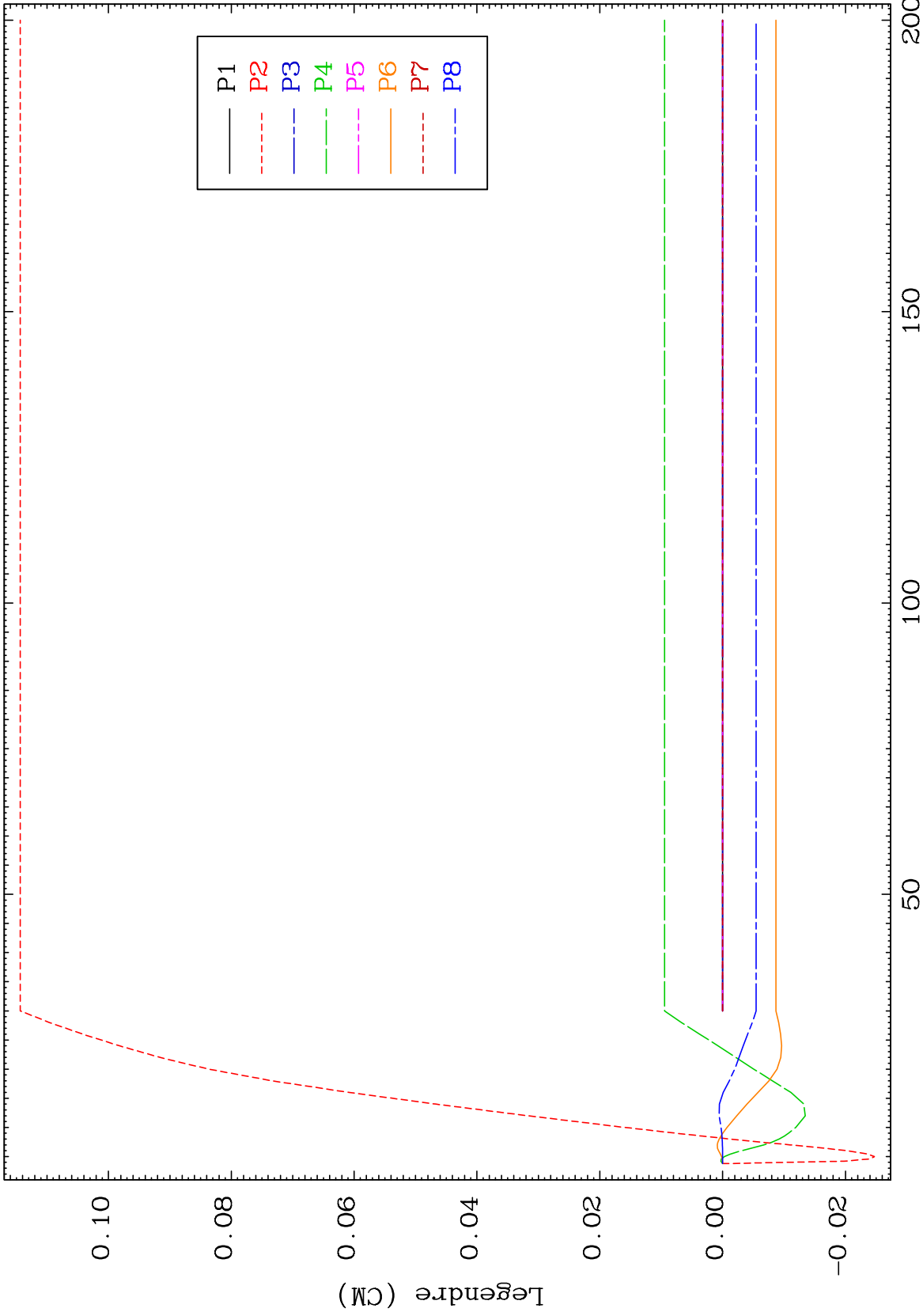




MAT 2867

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

28-Ni-72



56

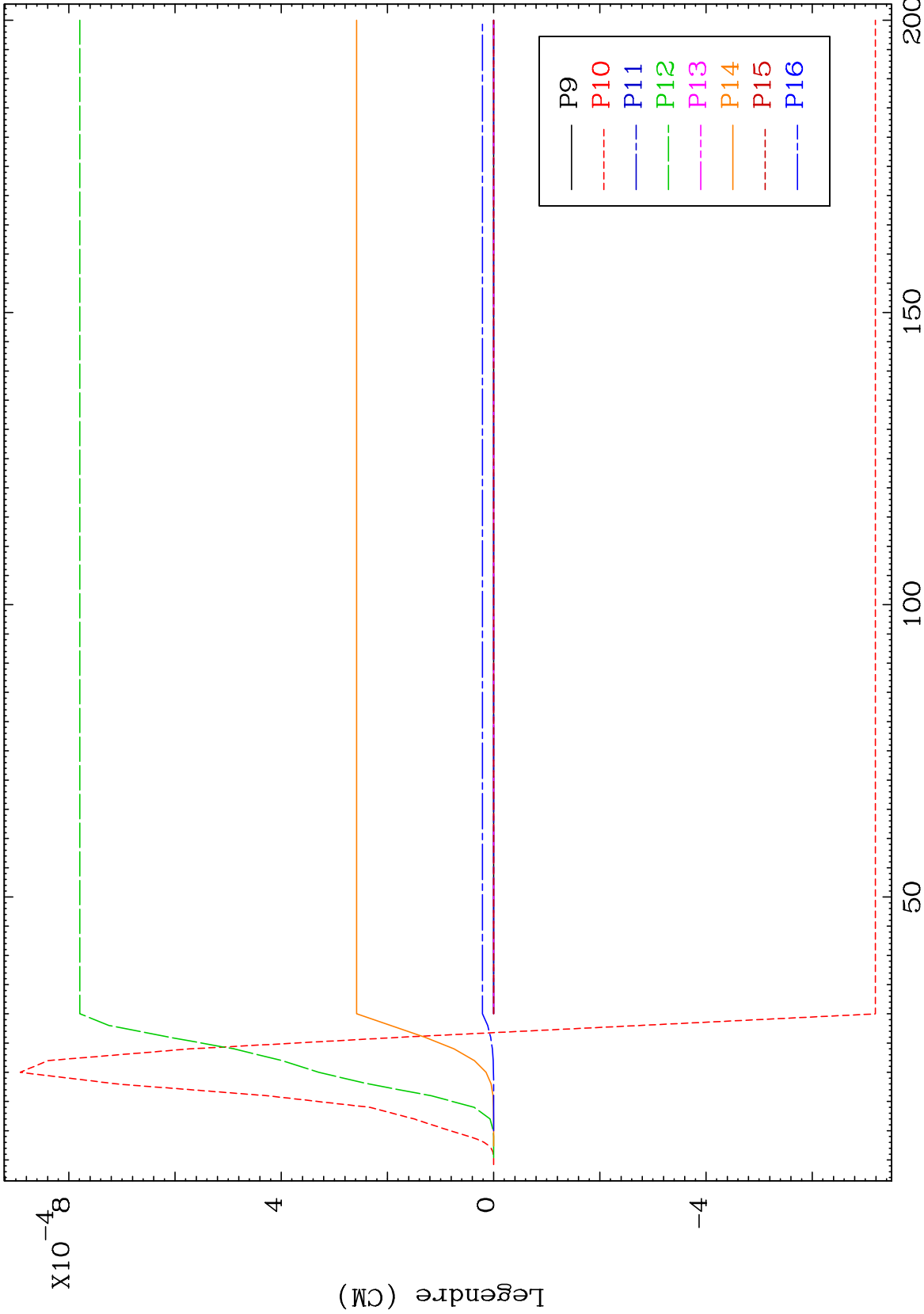
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



57

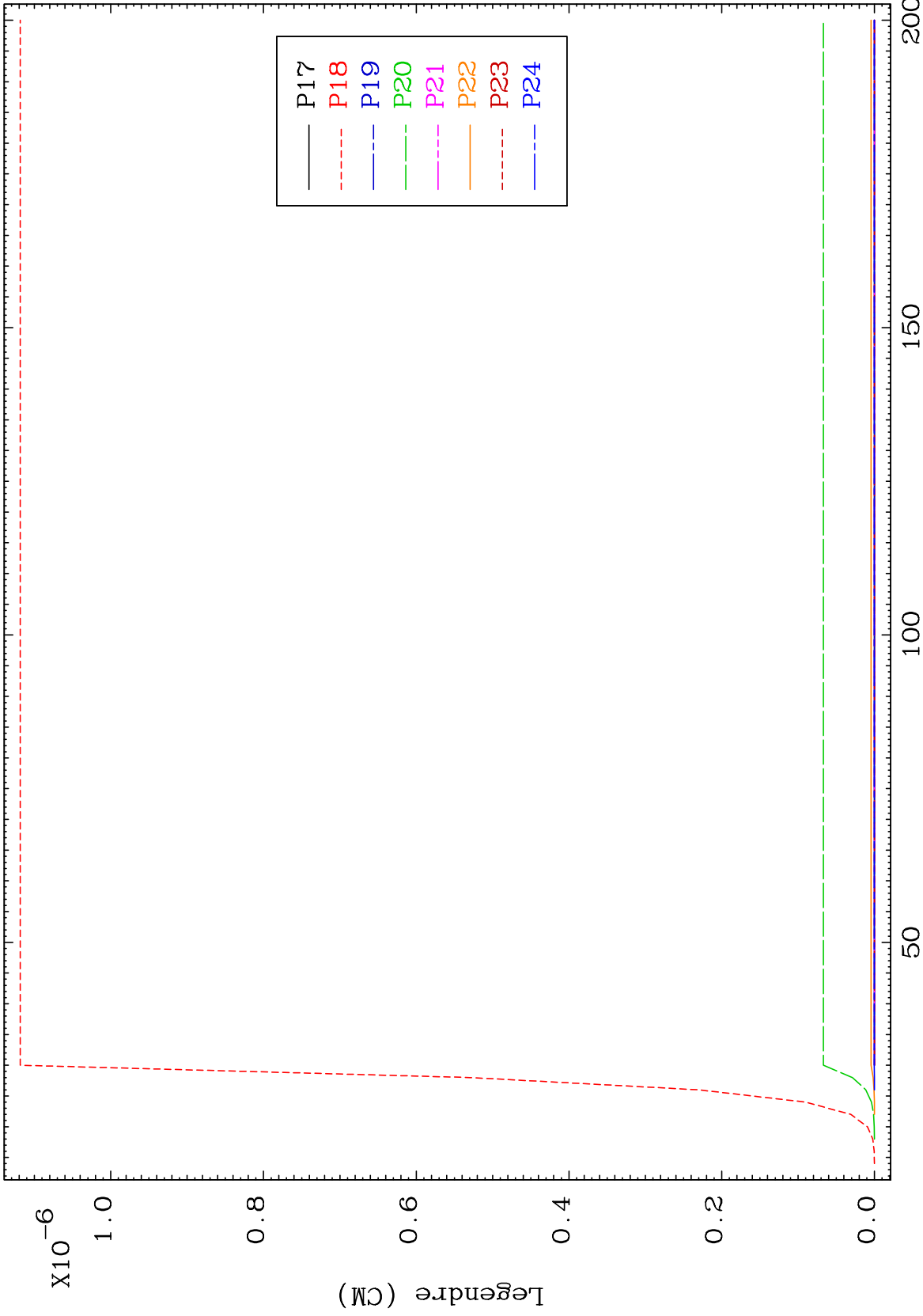
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



58

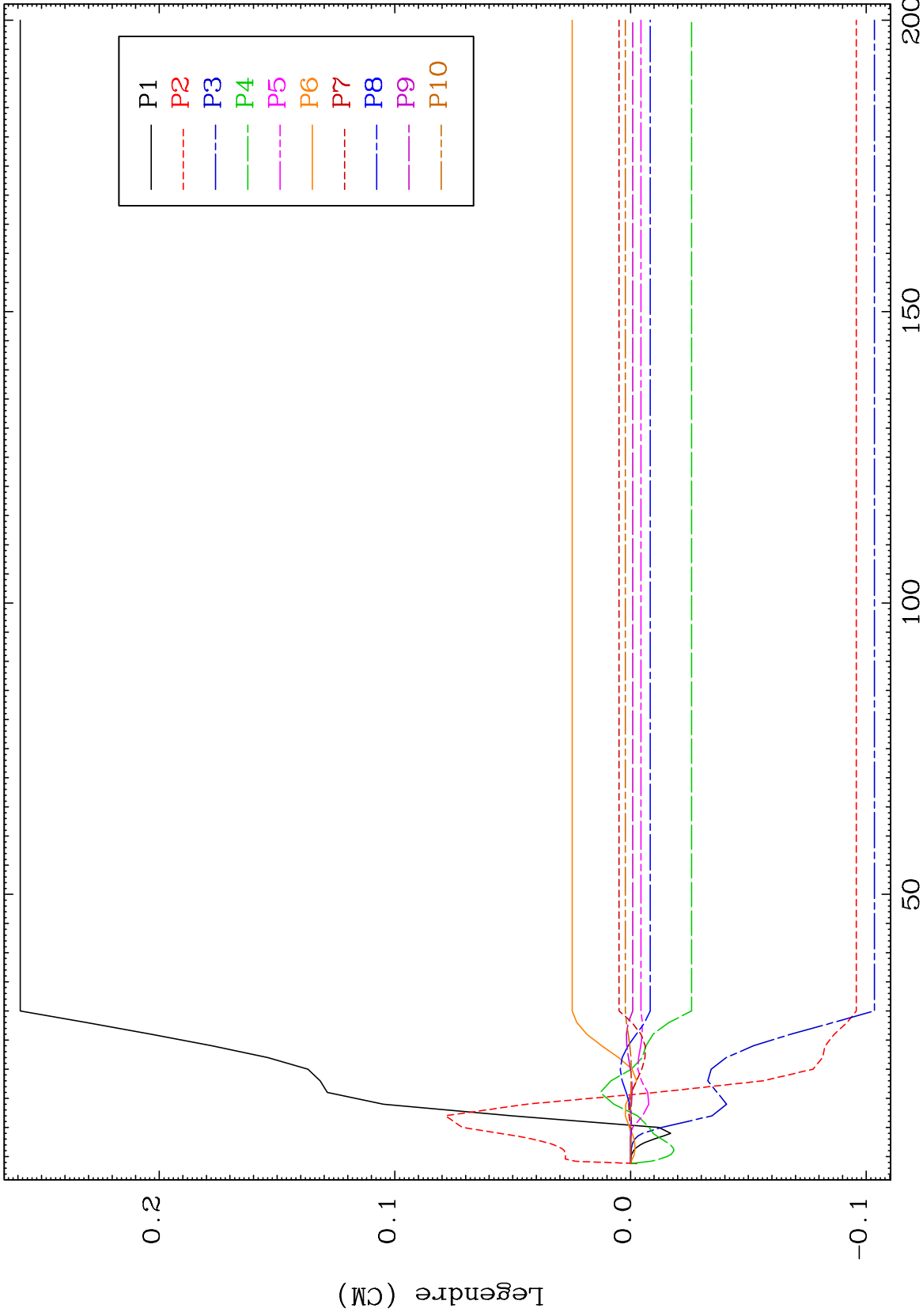
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



59

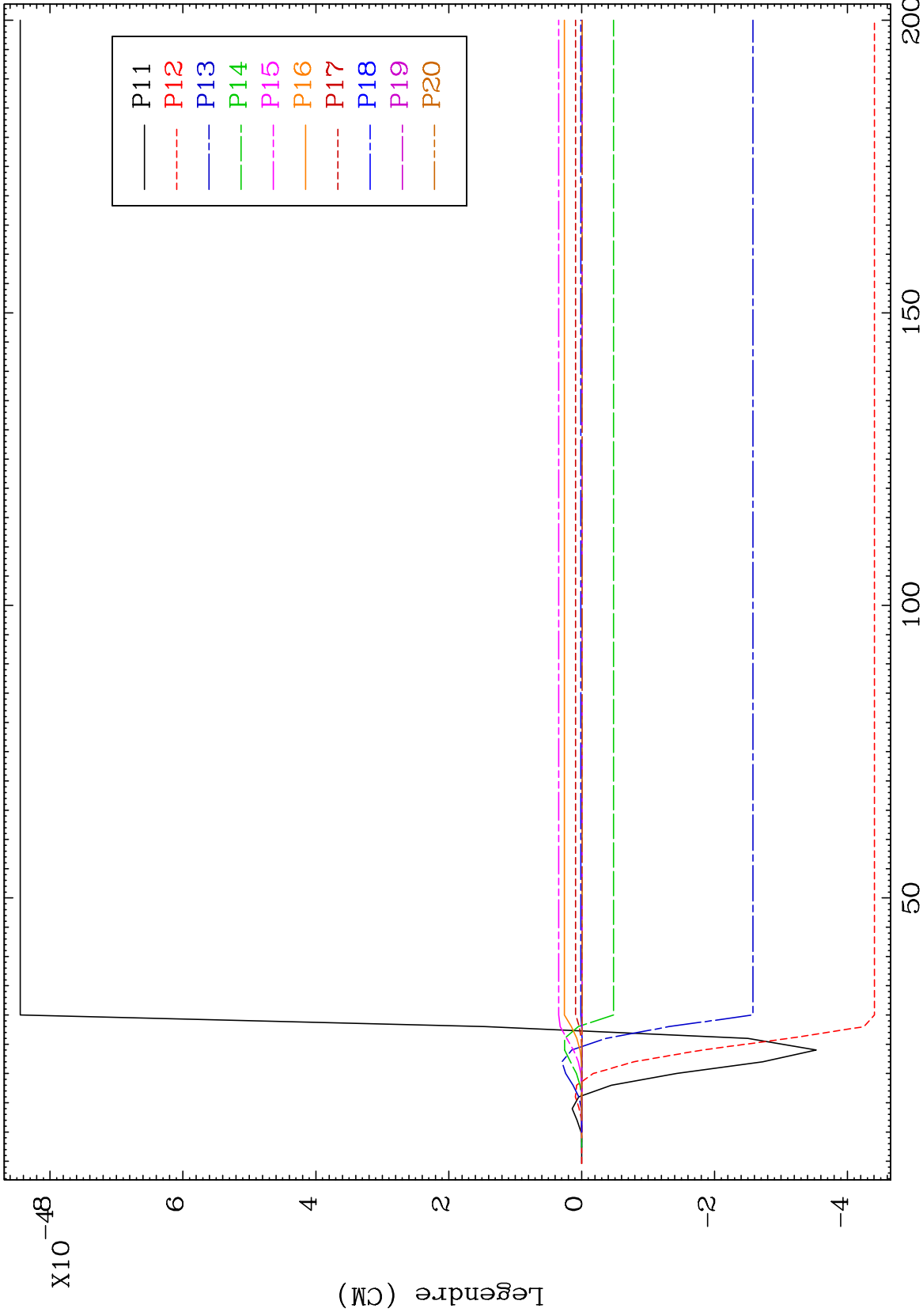
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



60

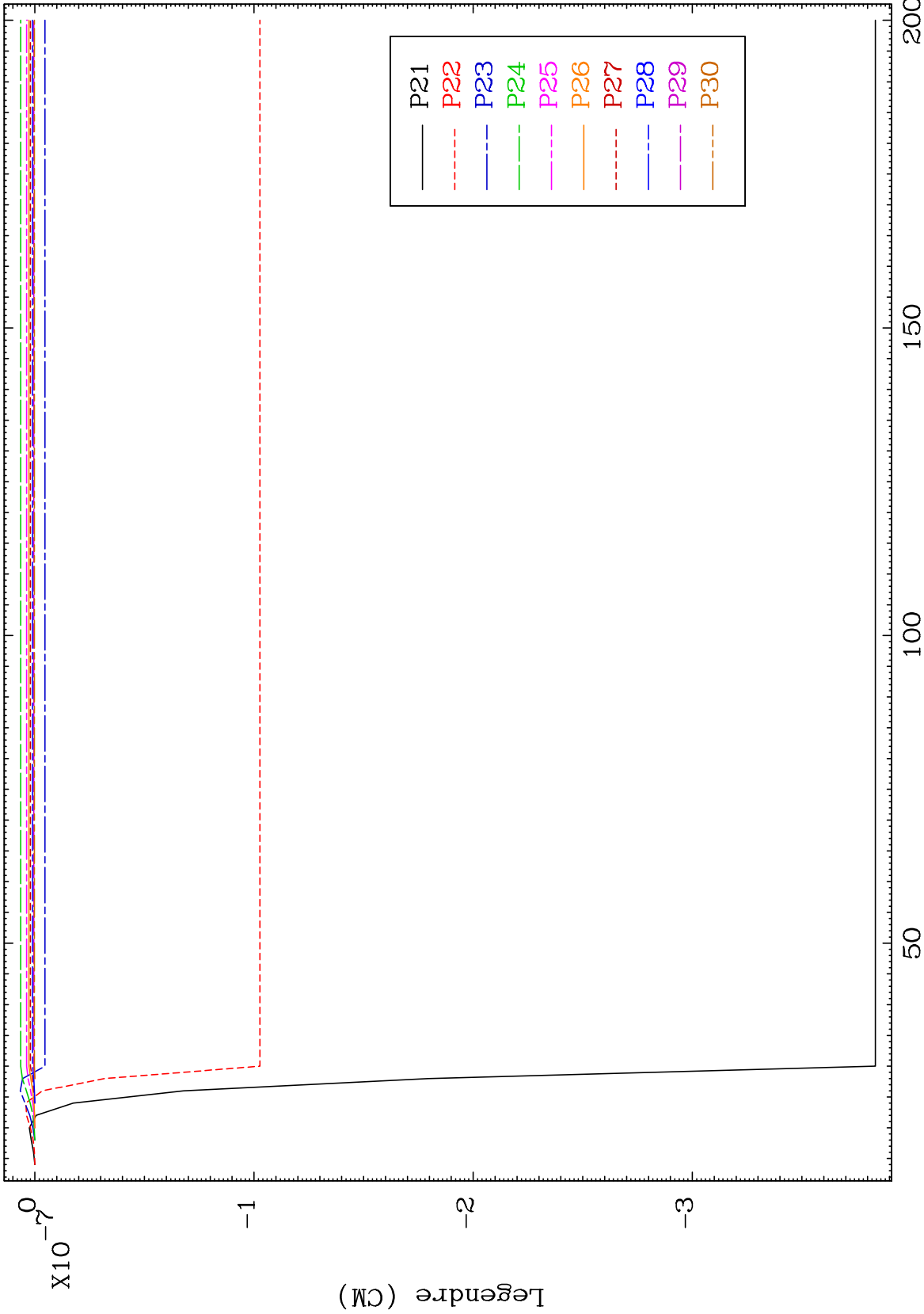
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

<sup>28</sup>Ni-72



61

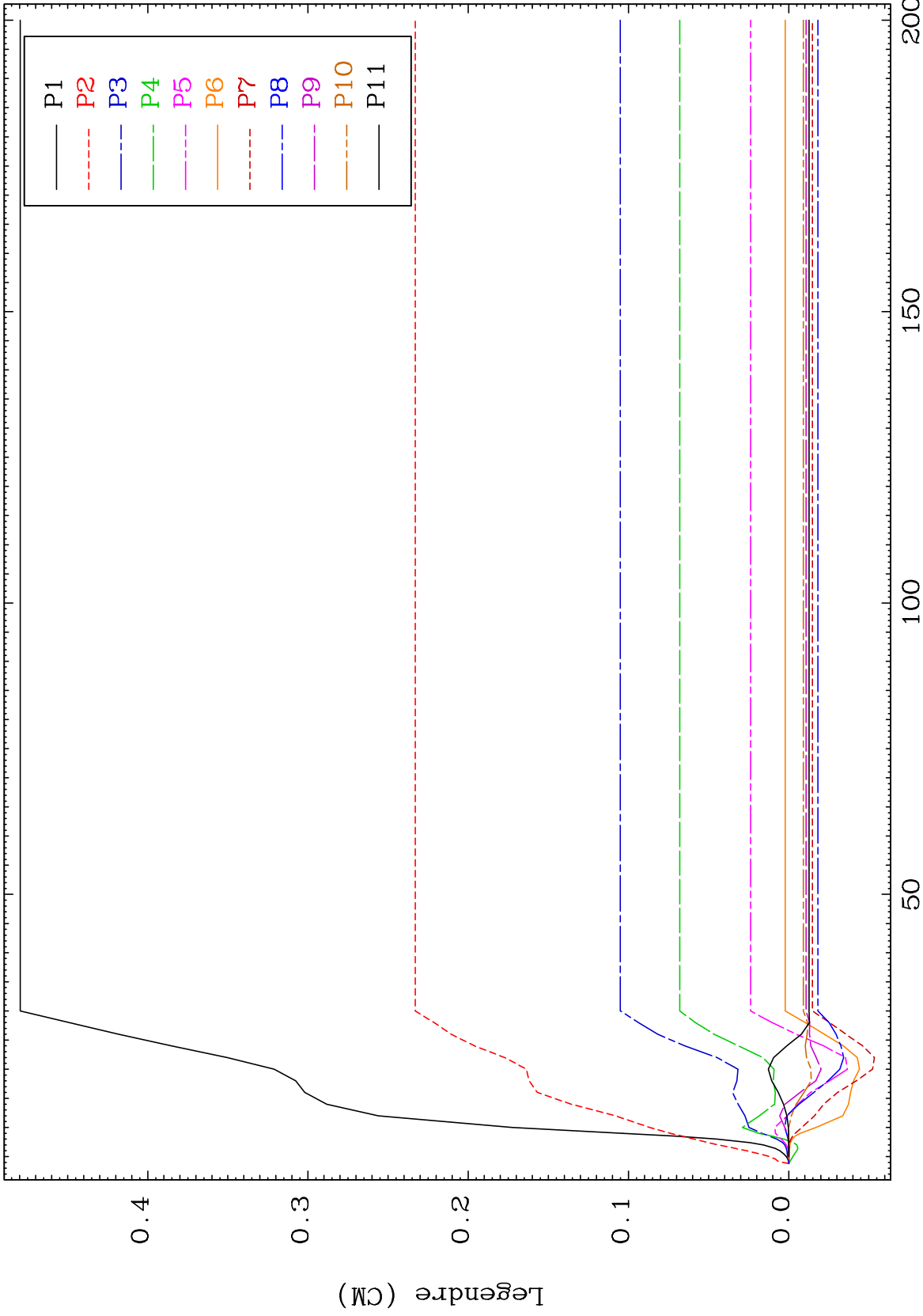
Incident Energy (MeV)

<sup>28</sup>Ni-72

MAT 2867

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

28-Ni-72



62

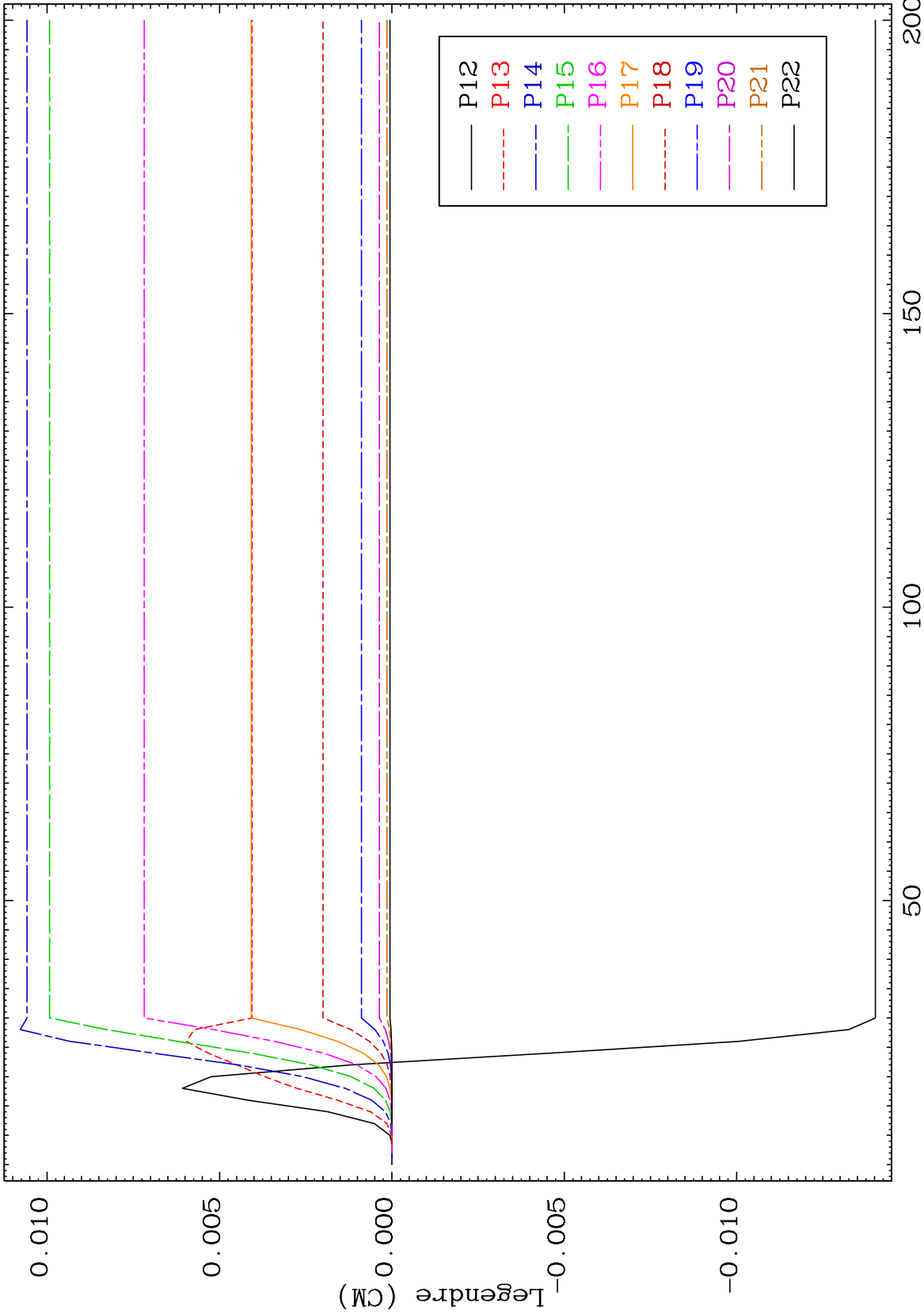
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



63

Incident Energy (MeV)

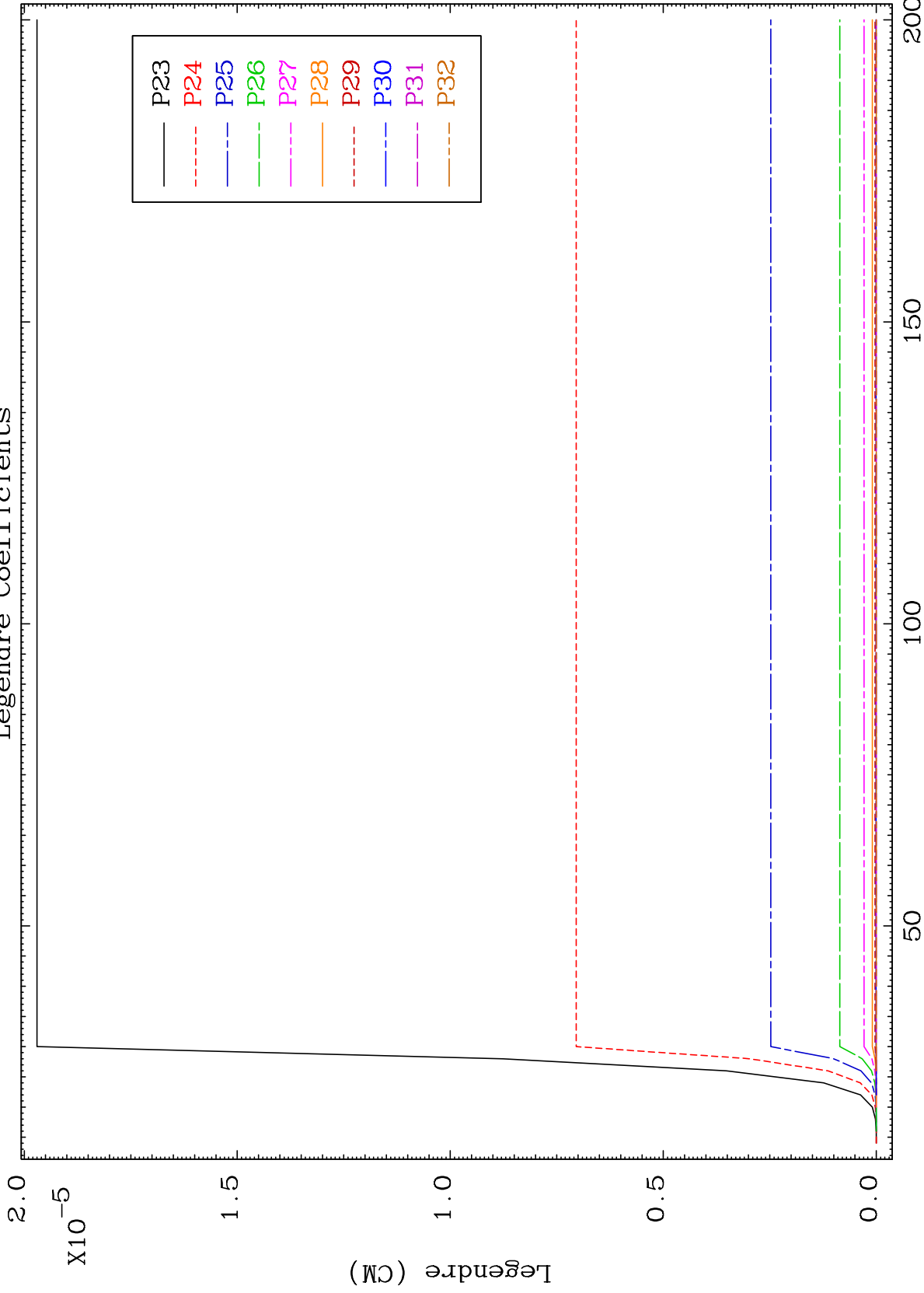
28-Ni-72



MAT 2867

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

28-Ni-72



64

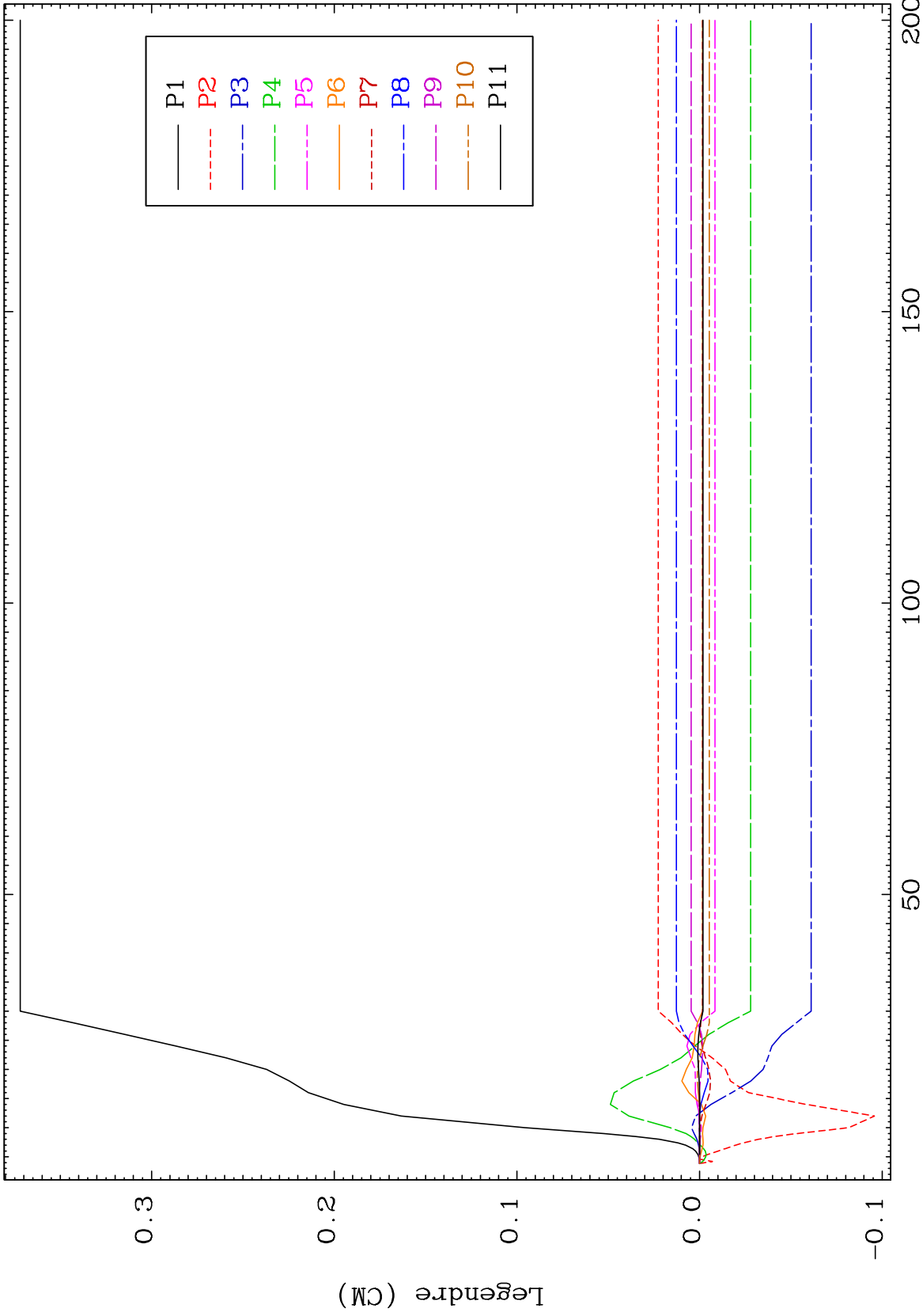
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



65

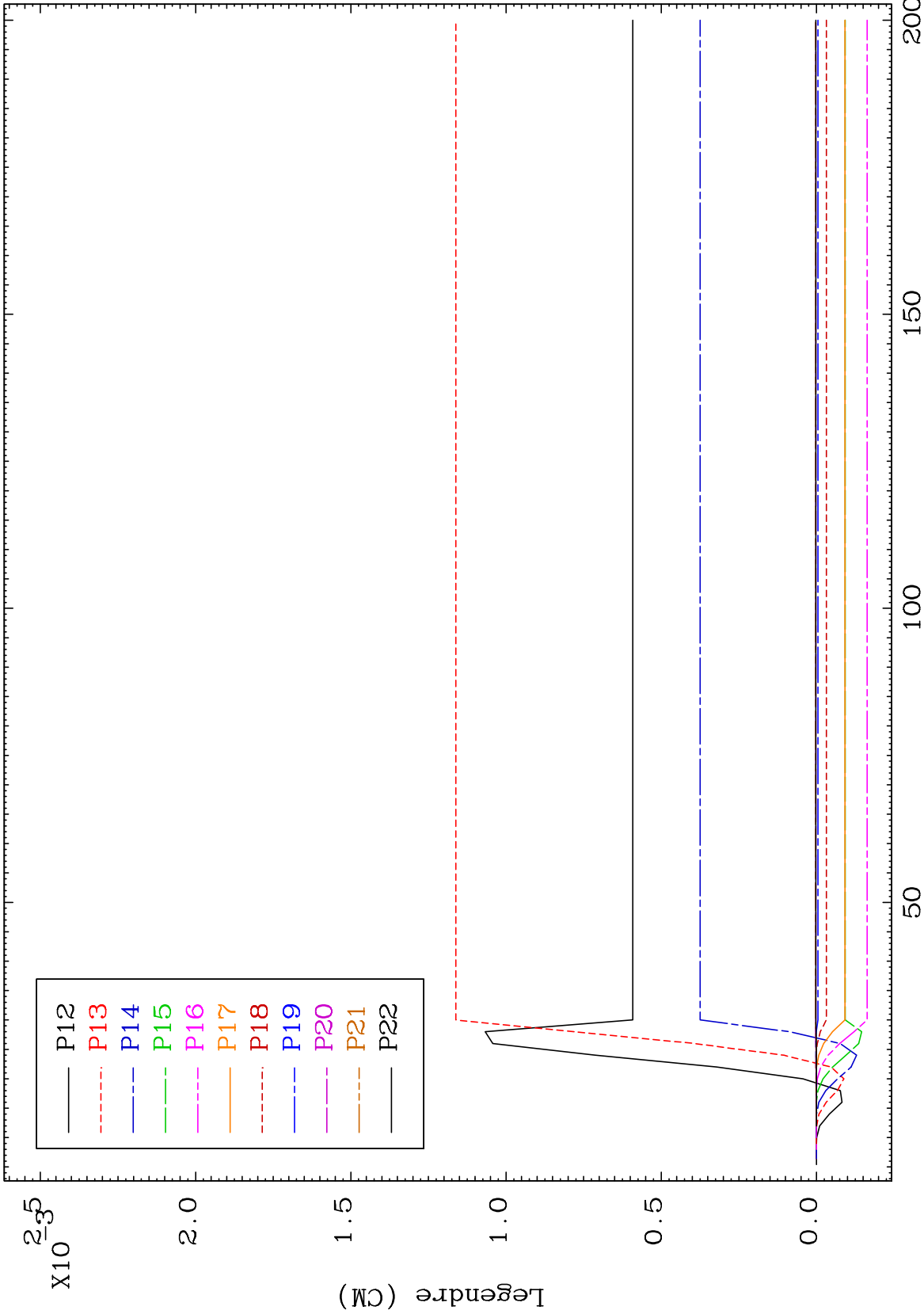
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



66

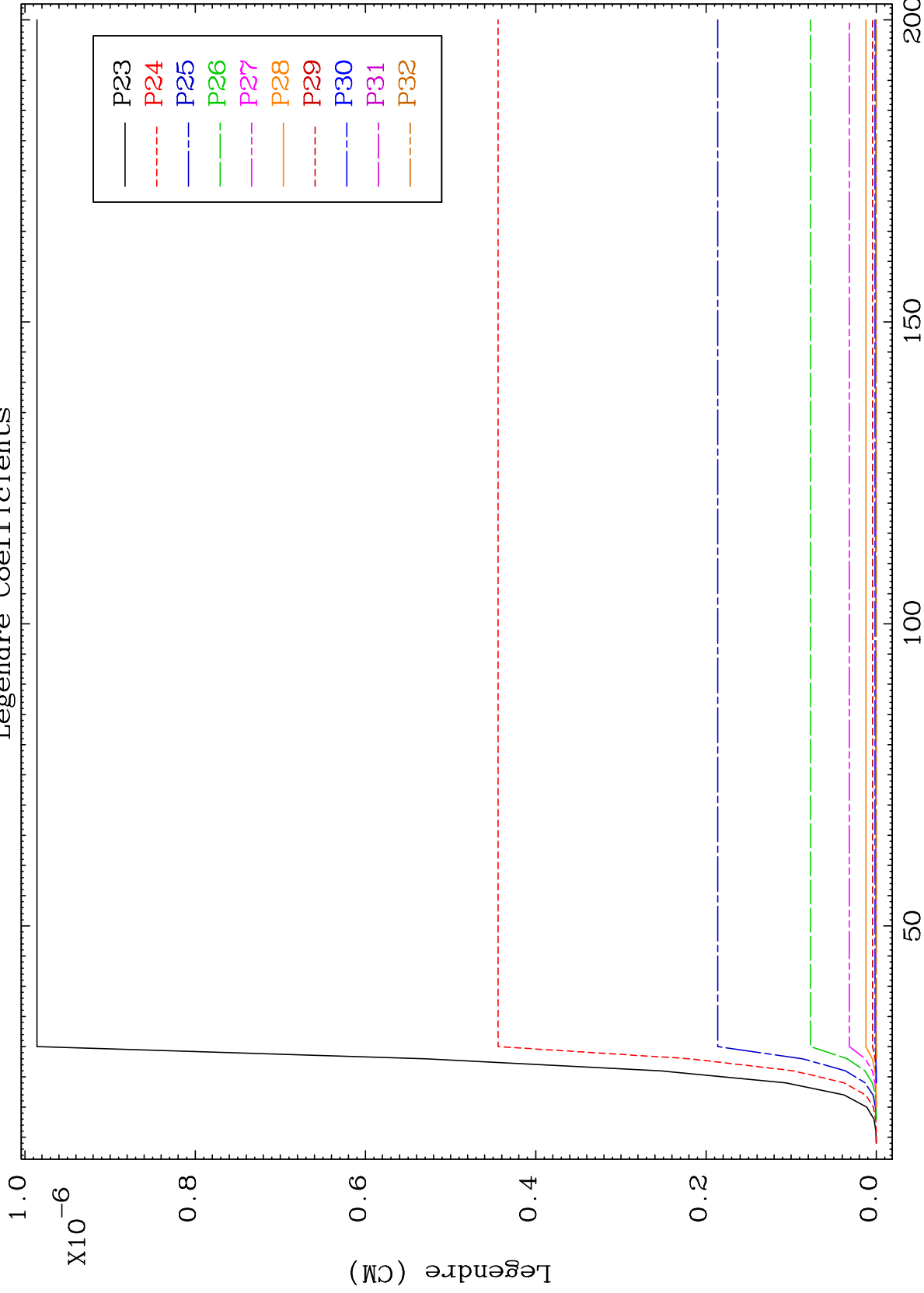
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



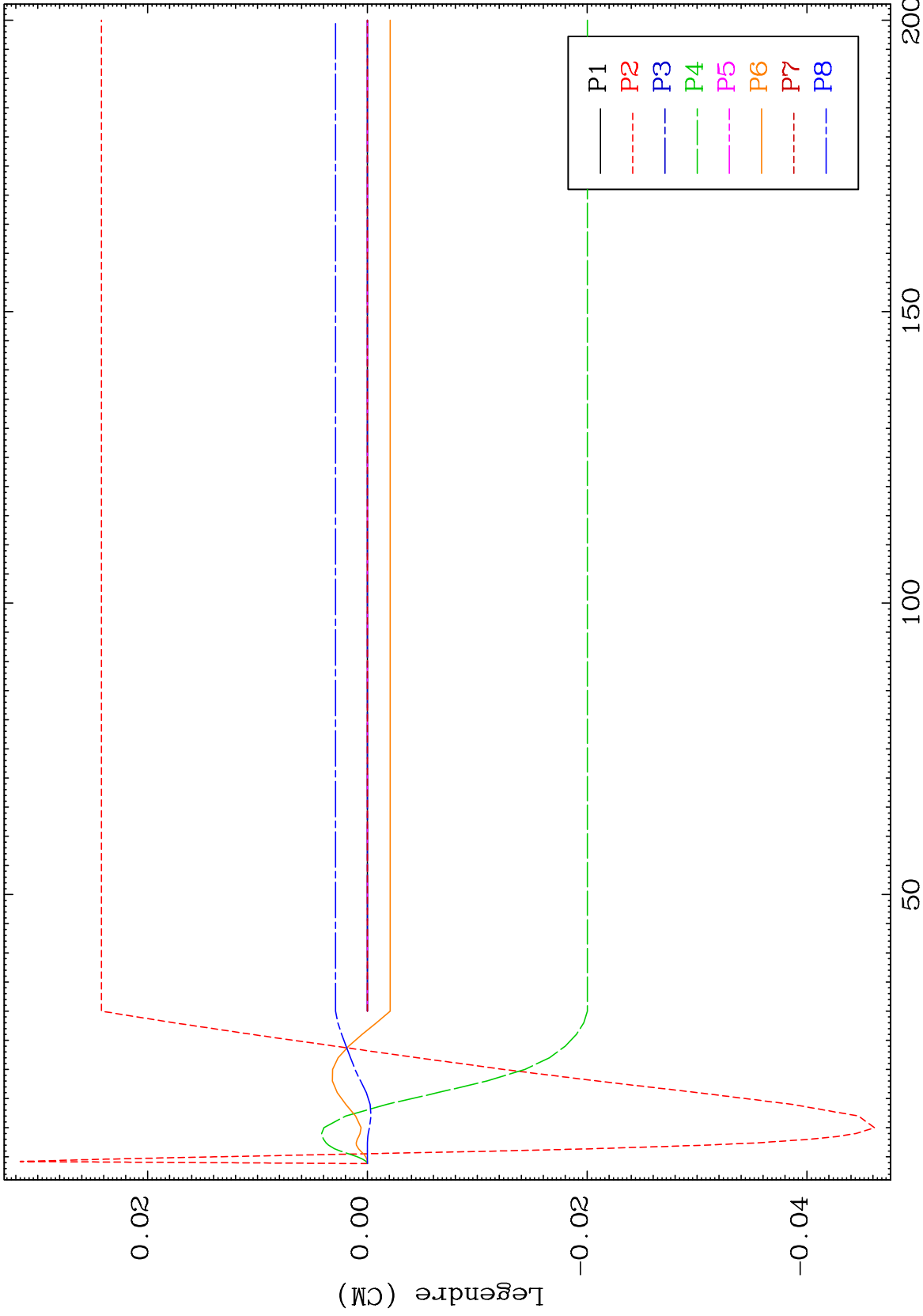
28-Ni-72

67

MAT 2867

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

28-Ni-72



68

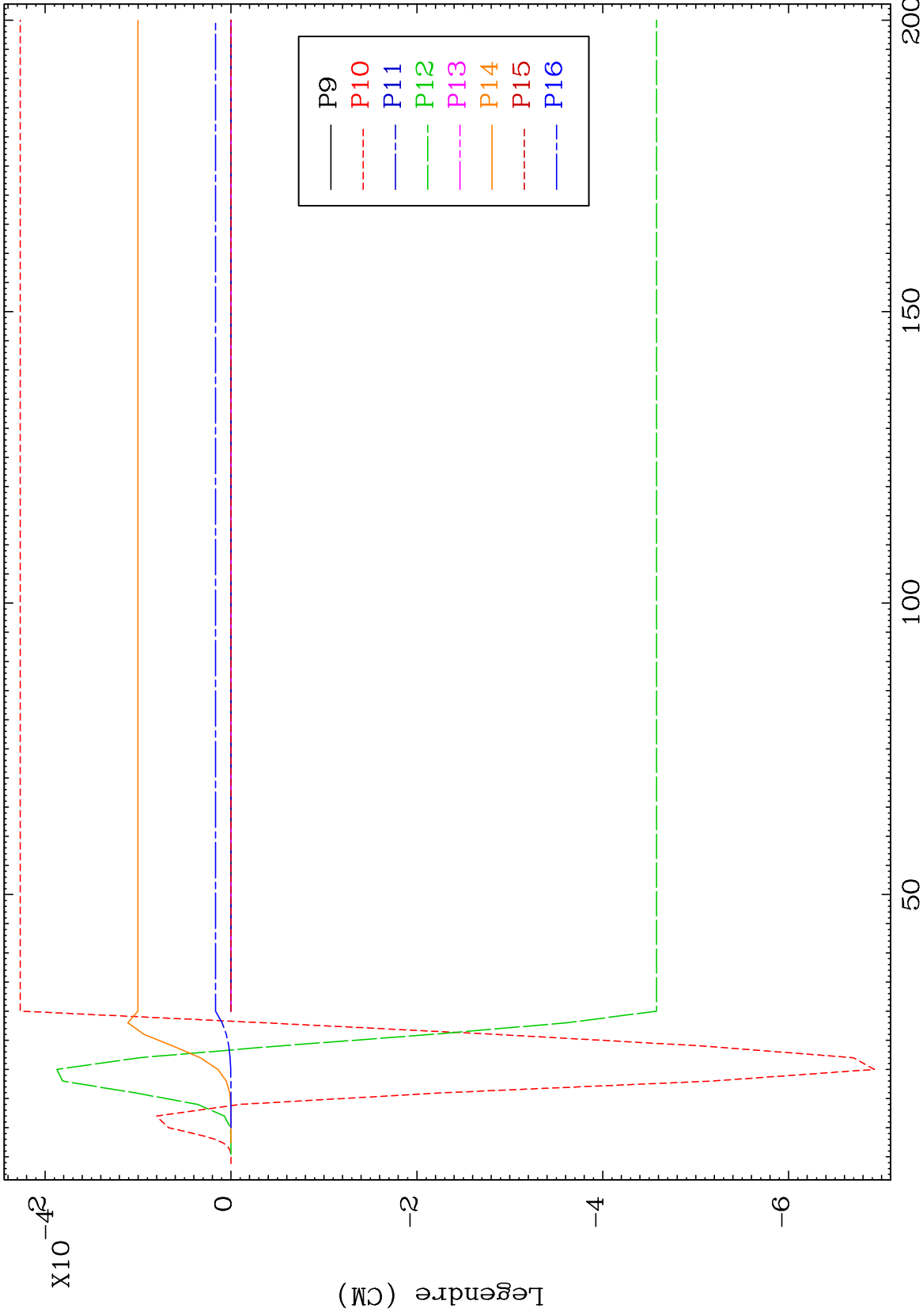
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



69

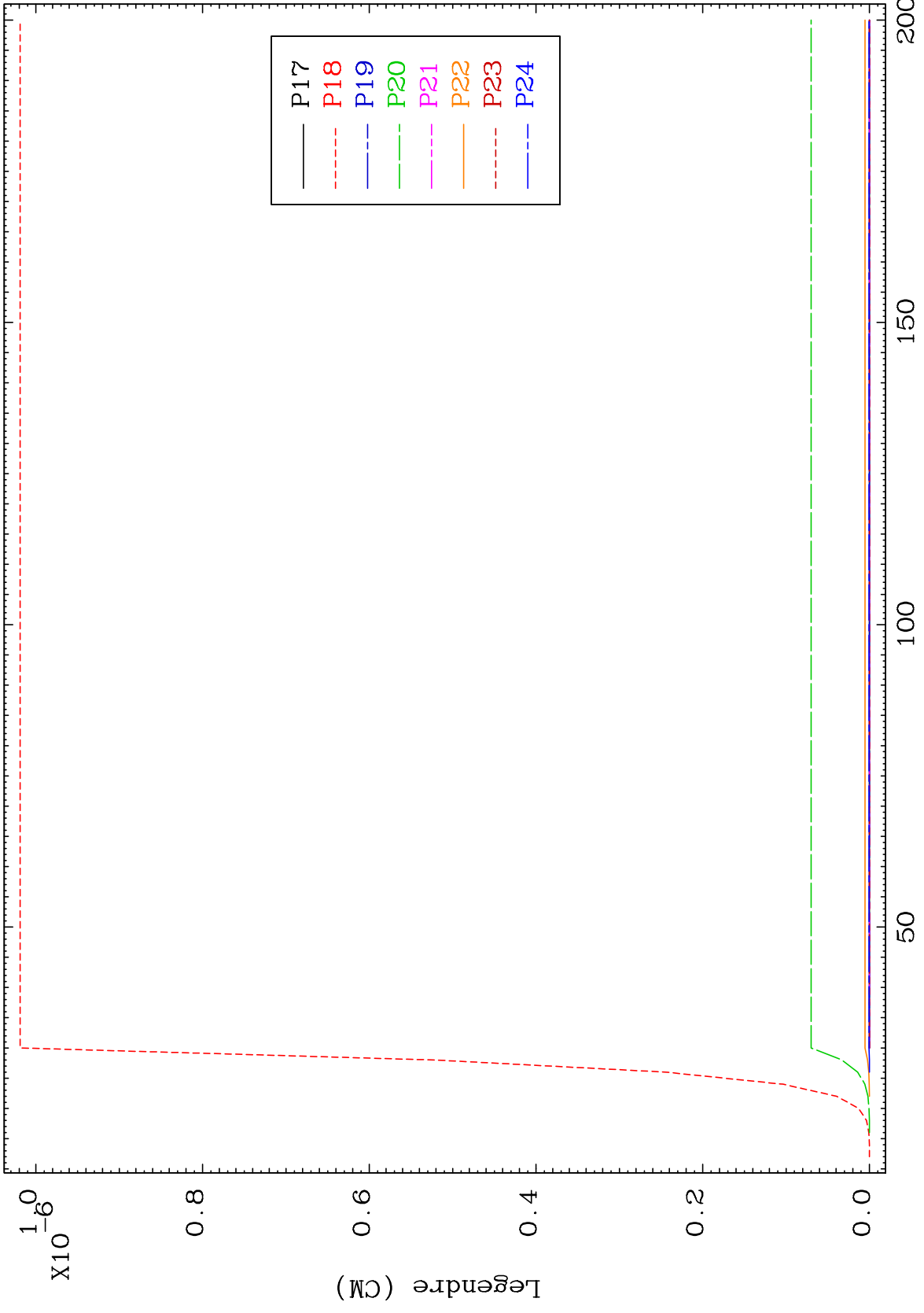
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

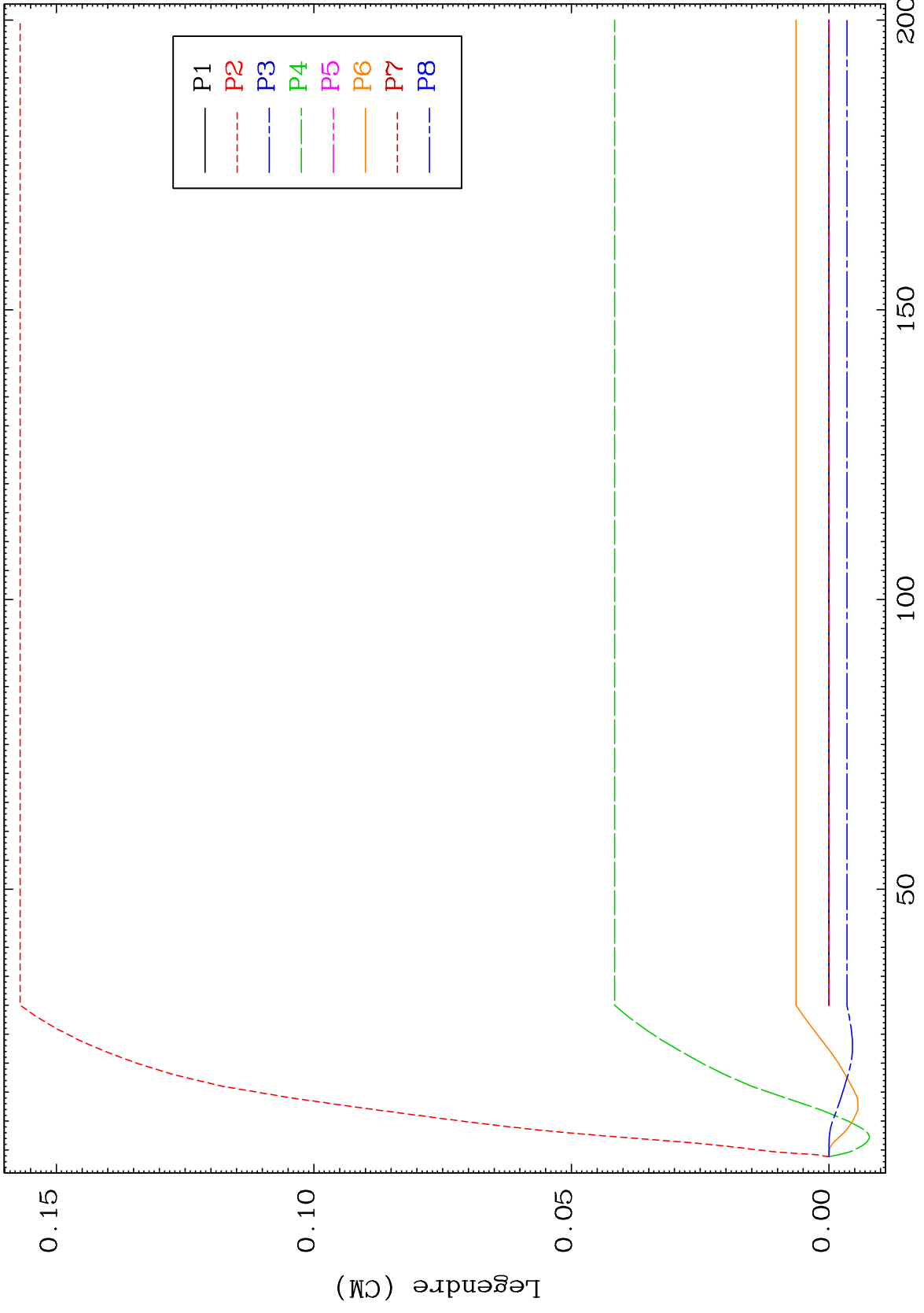


70

Incident Energy (MeV)

28-Ni-72

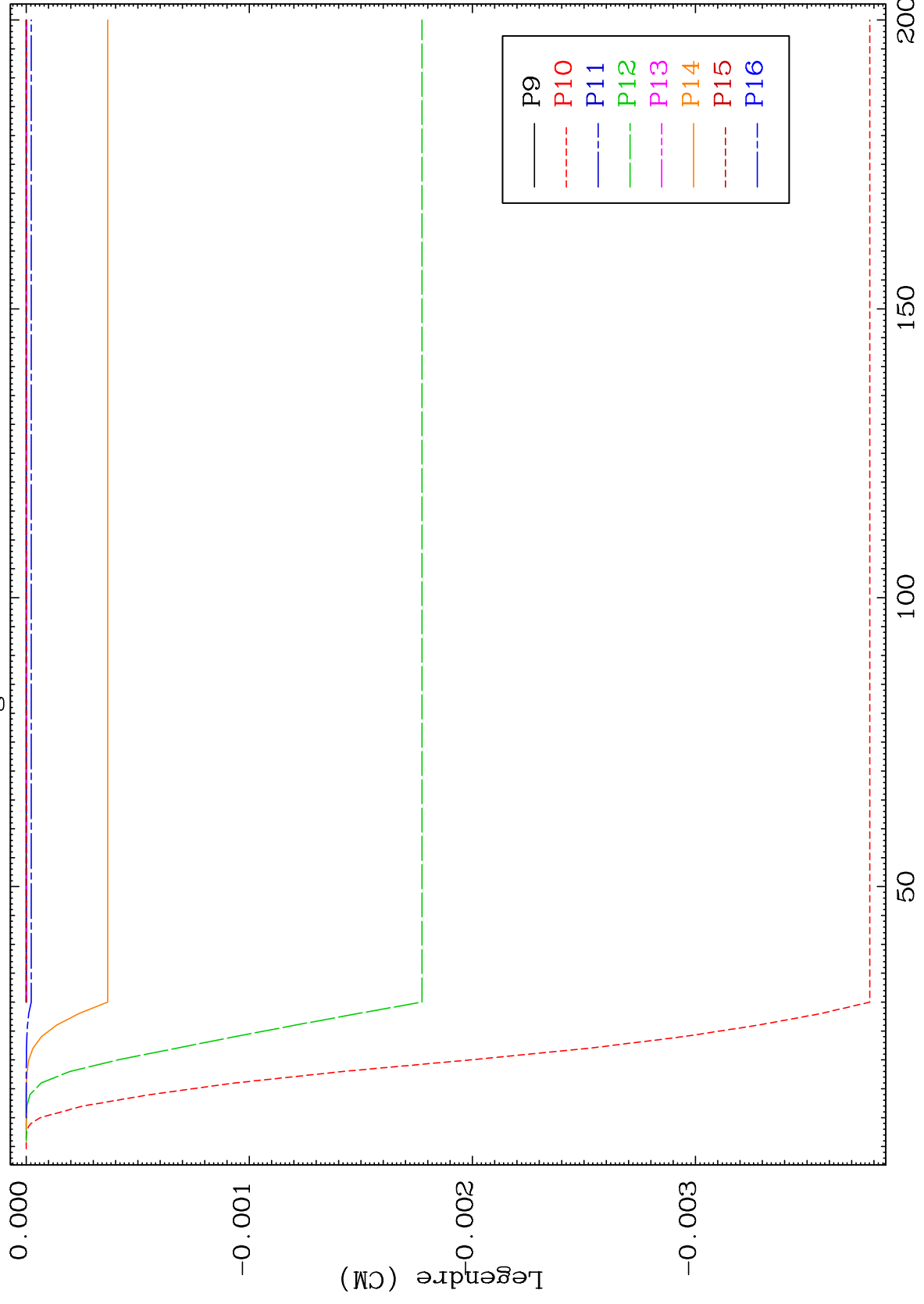
MAT 2867 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-72



71 28-Ni-72



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

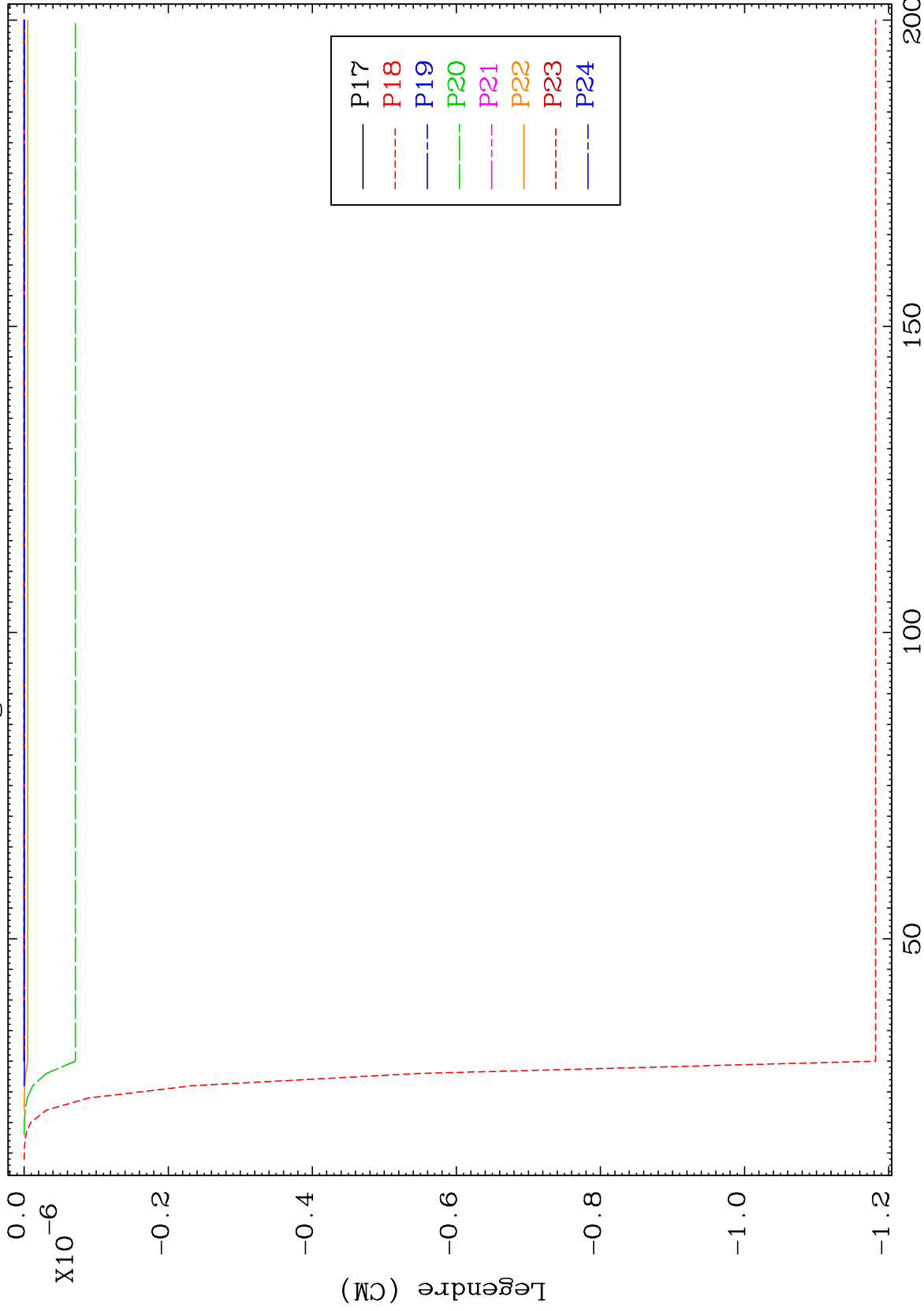


72 28-Ni-72

MAT 2867

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

28-Ni-72



73

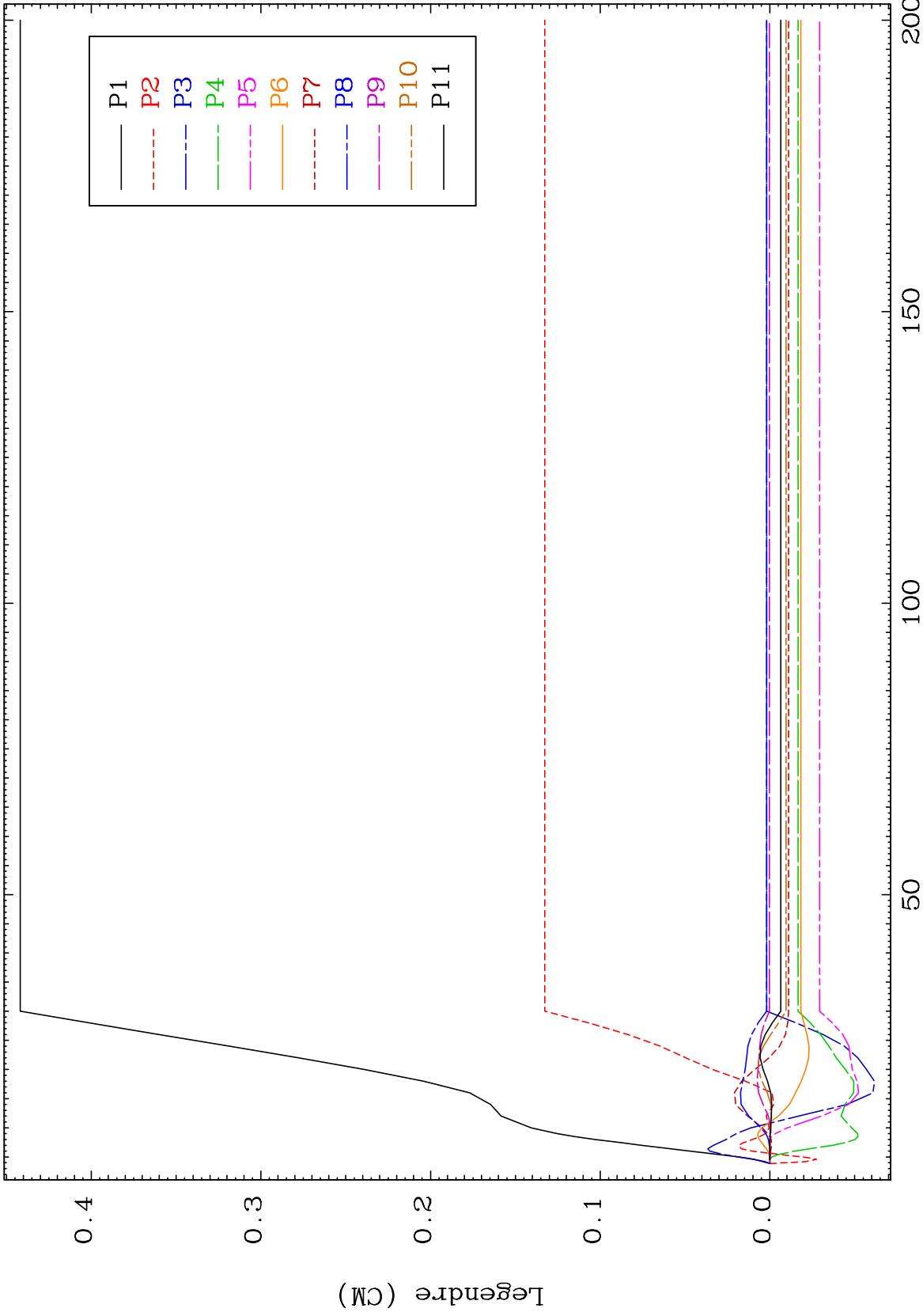
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



74

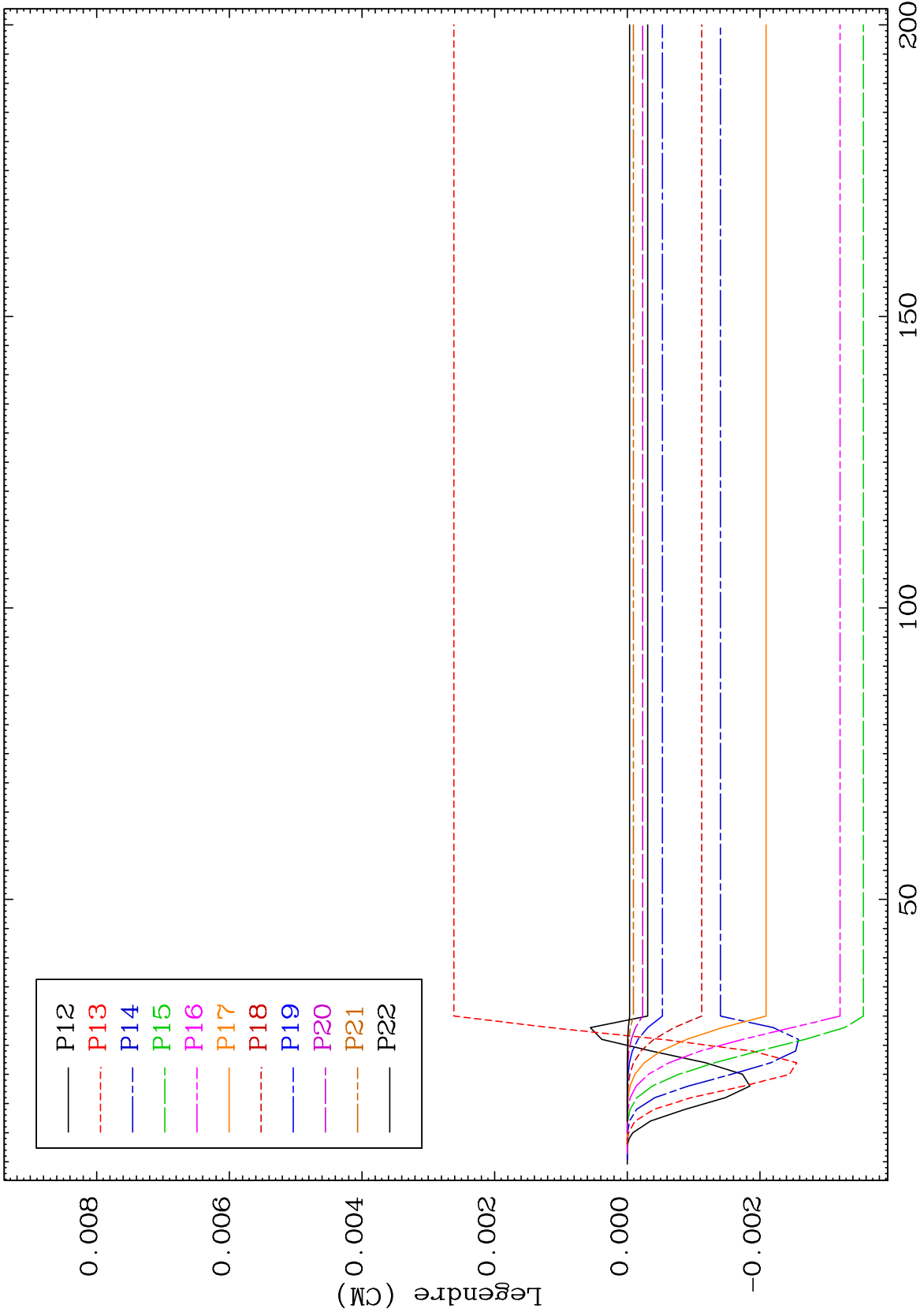
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



75

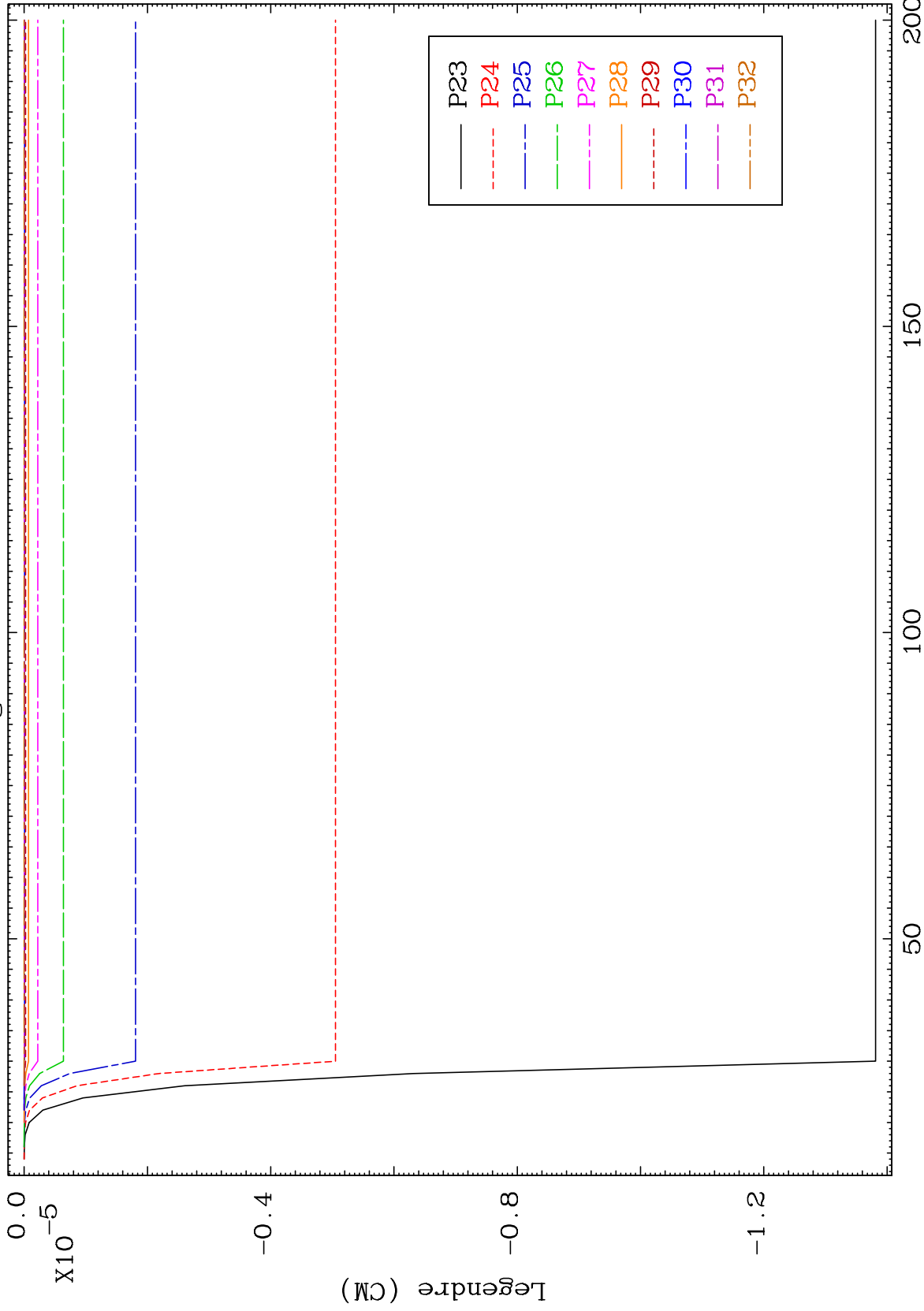
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



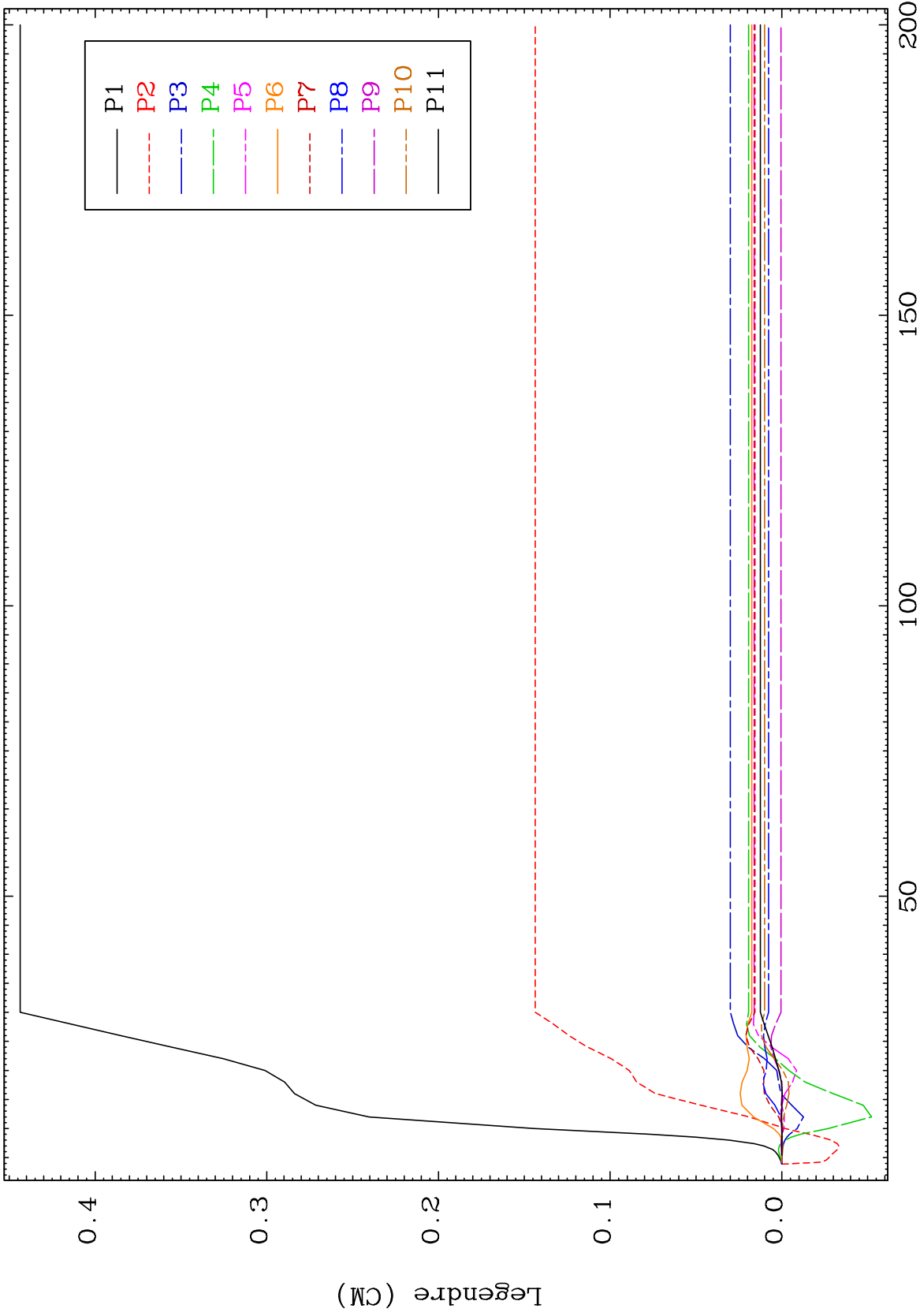
76

28-Ni-72

MAT 2867

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

28-Ni-72



77

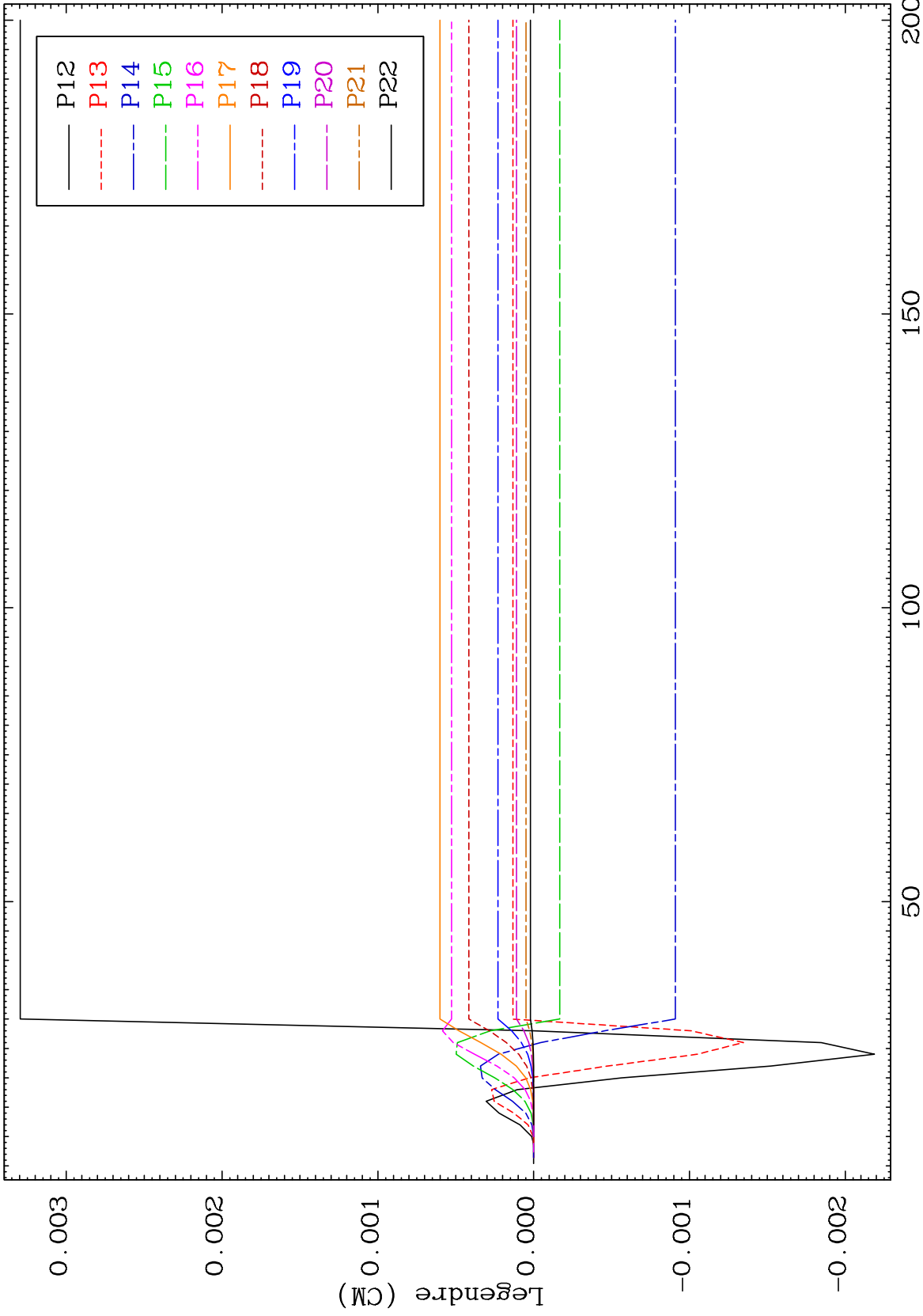
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



78

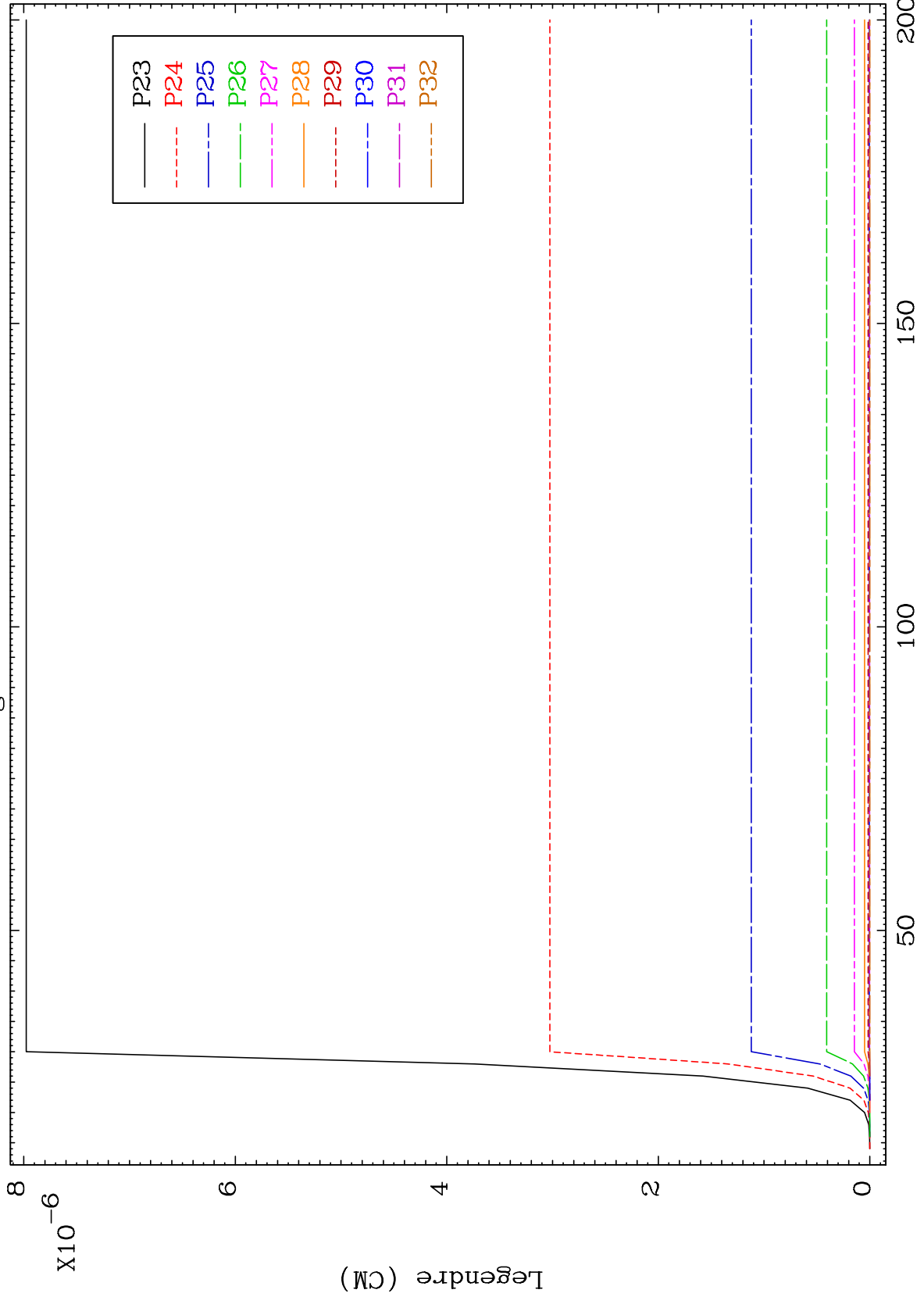
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



79

Incident Energy (MeV)

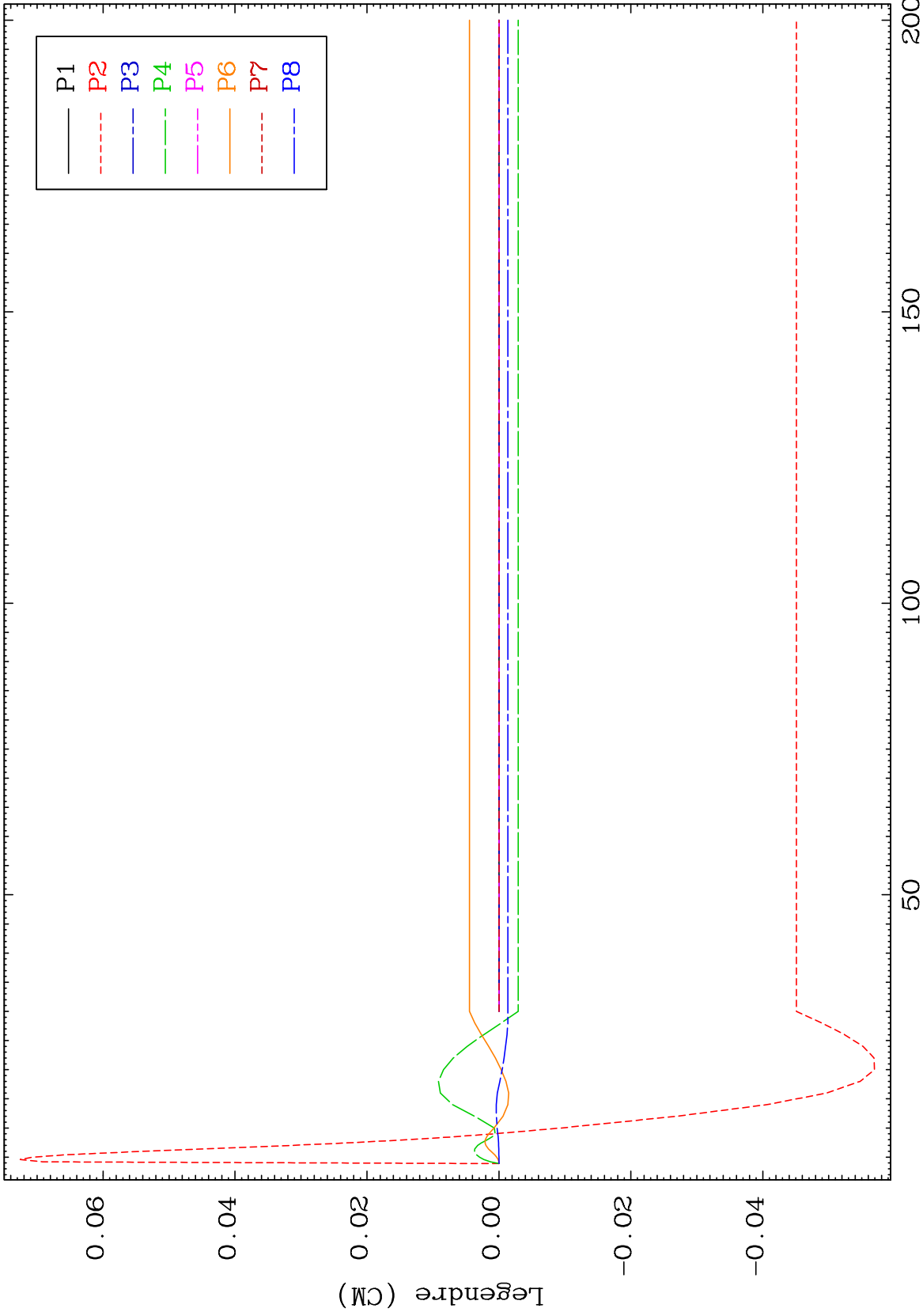
28-Ni-72



MAT 2867

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

28-Ni-72



80

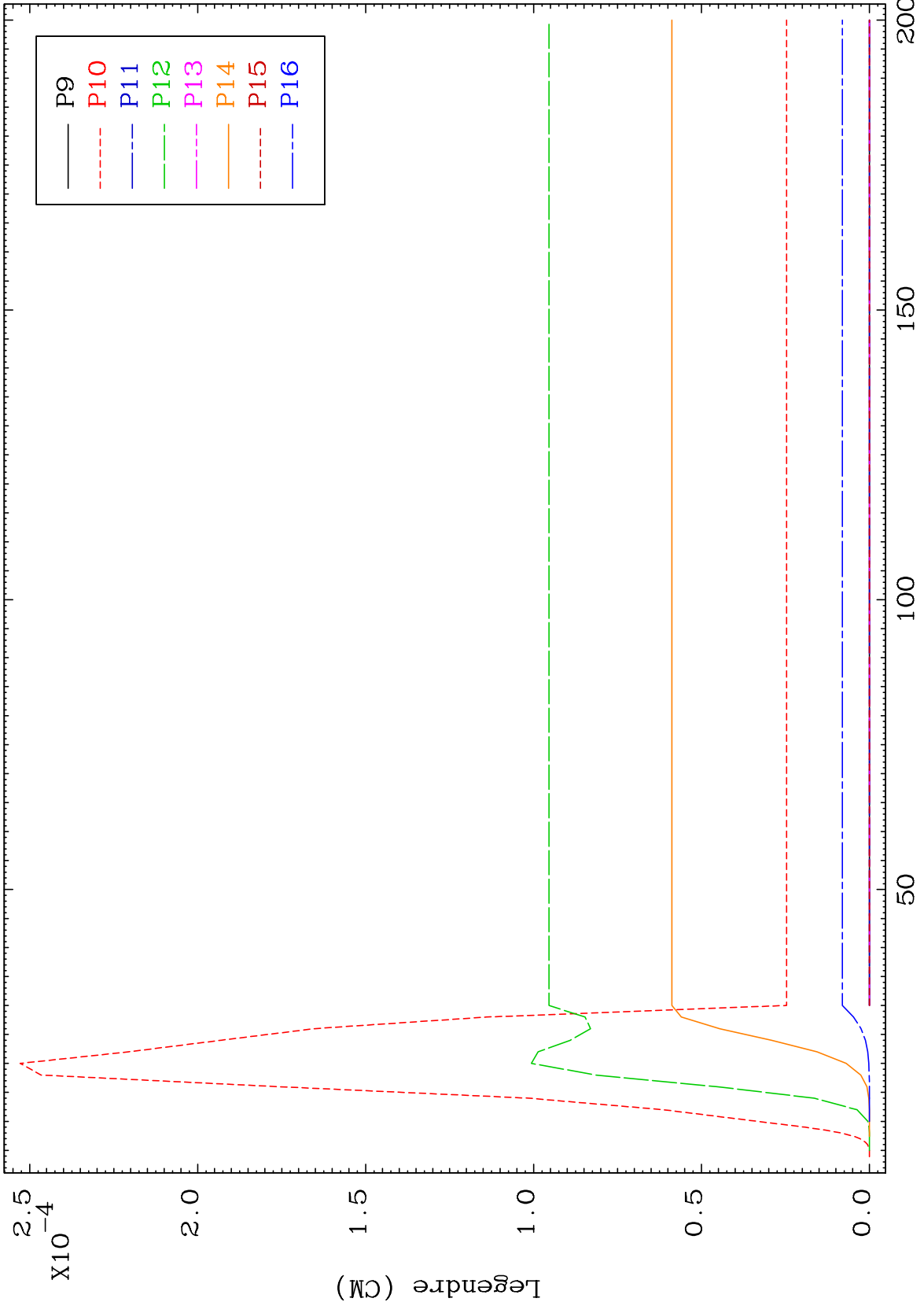
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



81

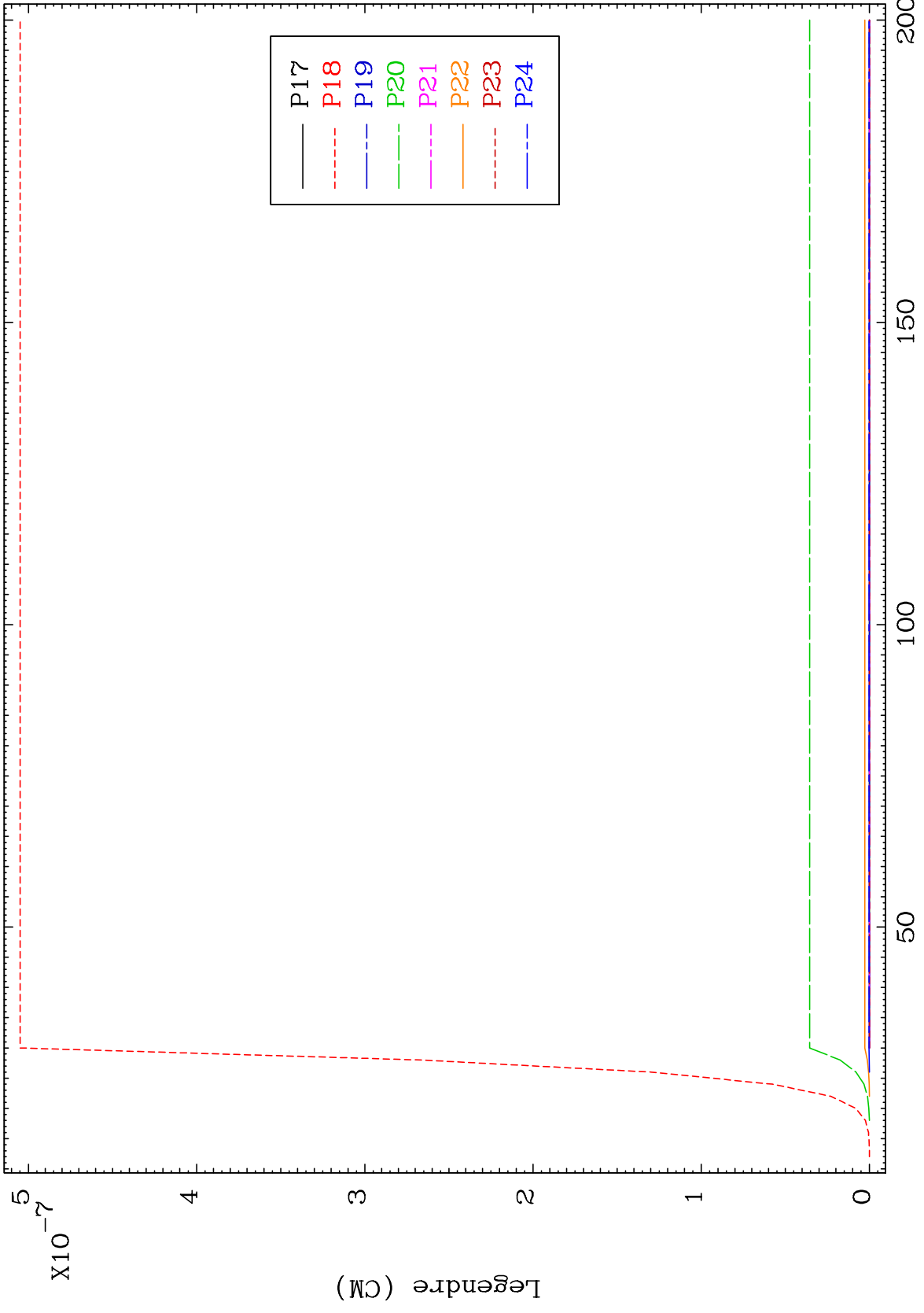
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



82

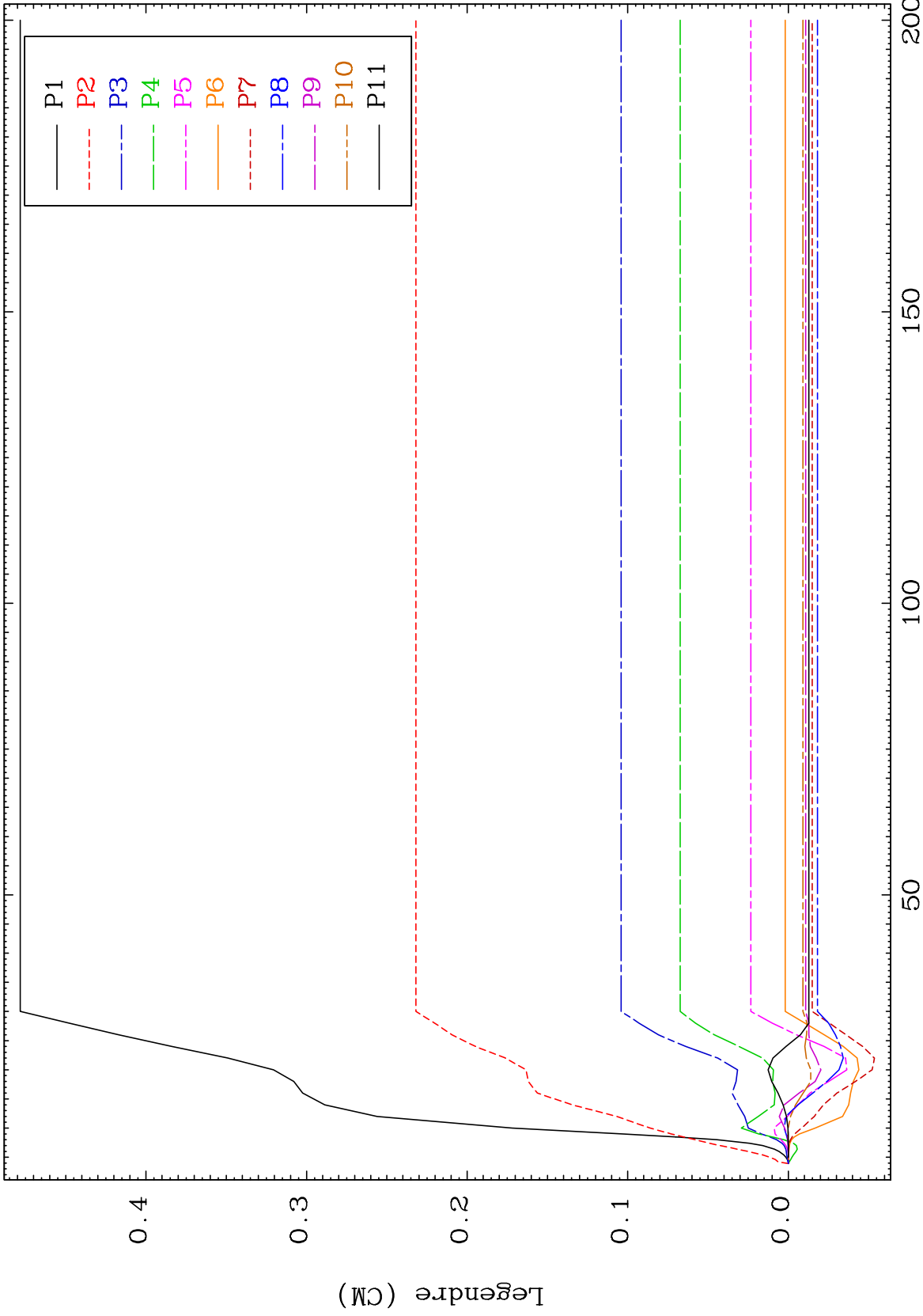
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



83

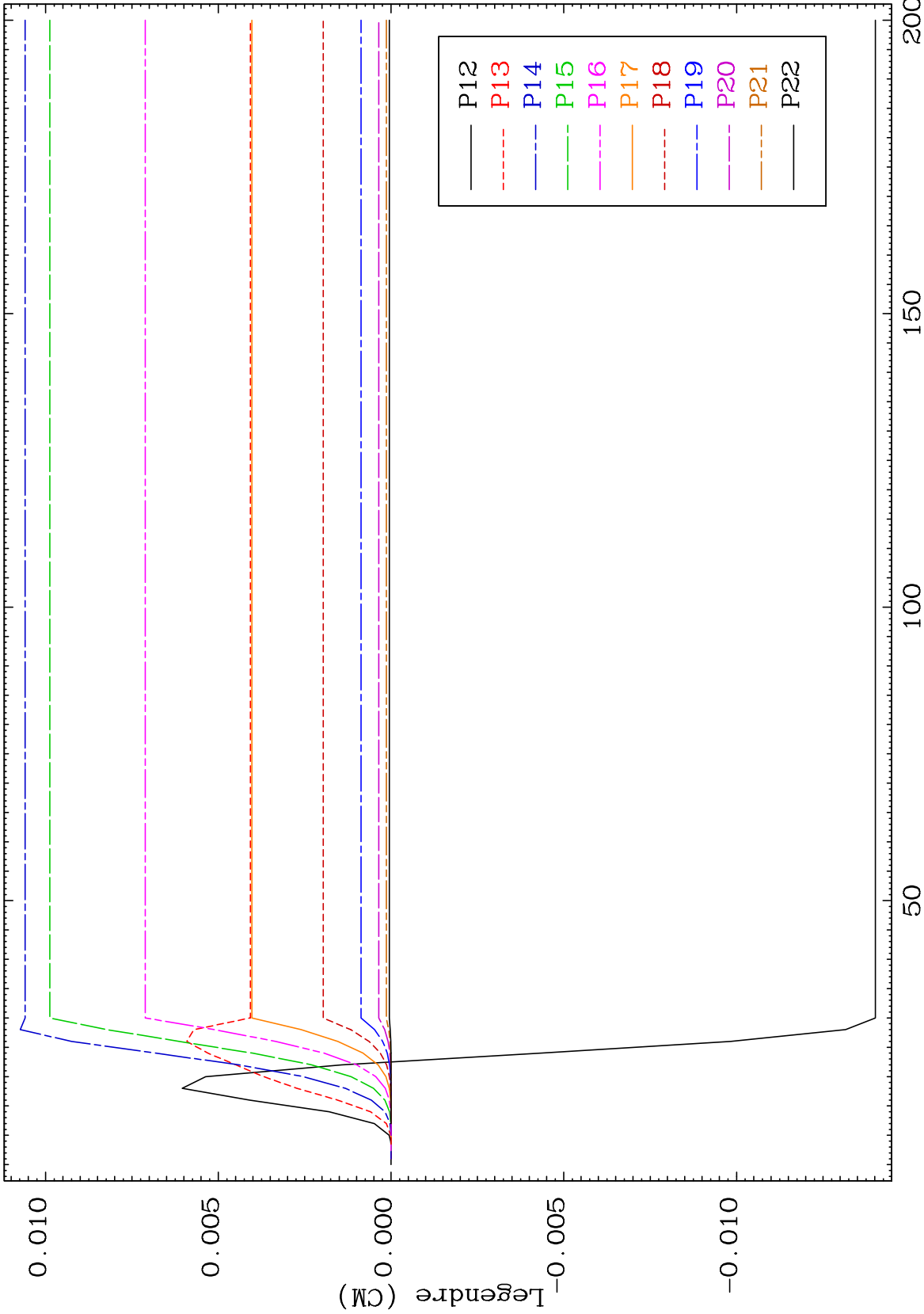
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



84

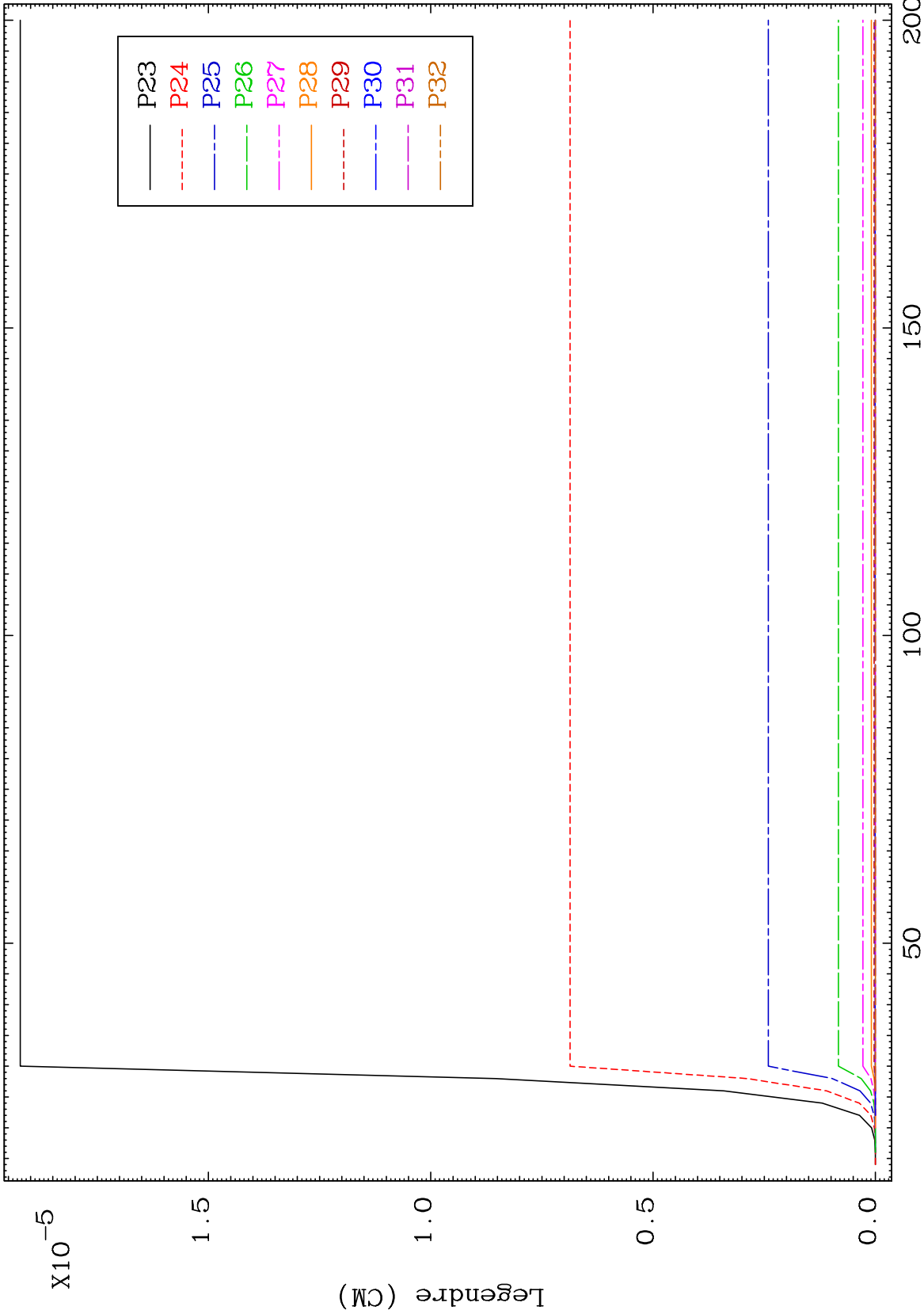
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



85

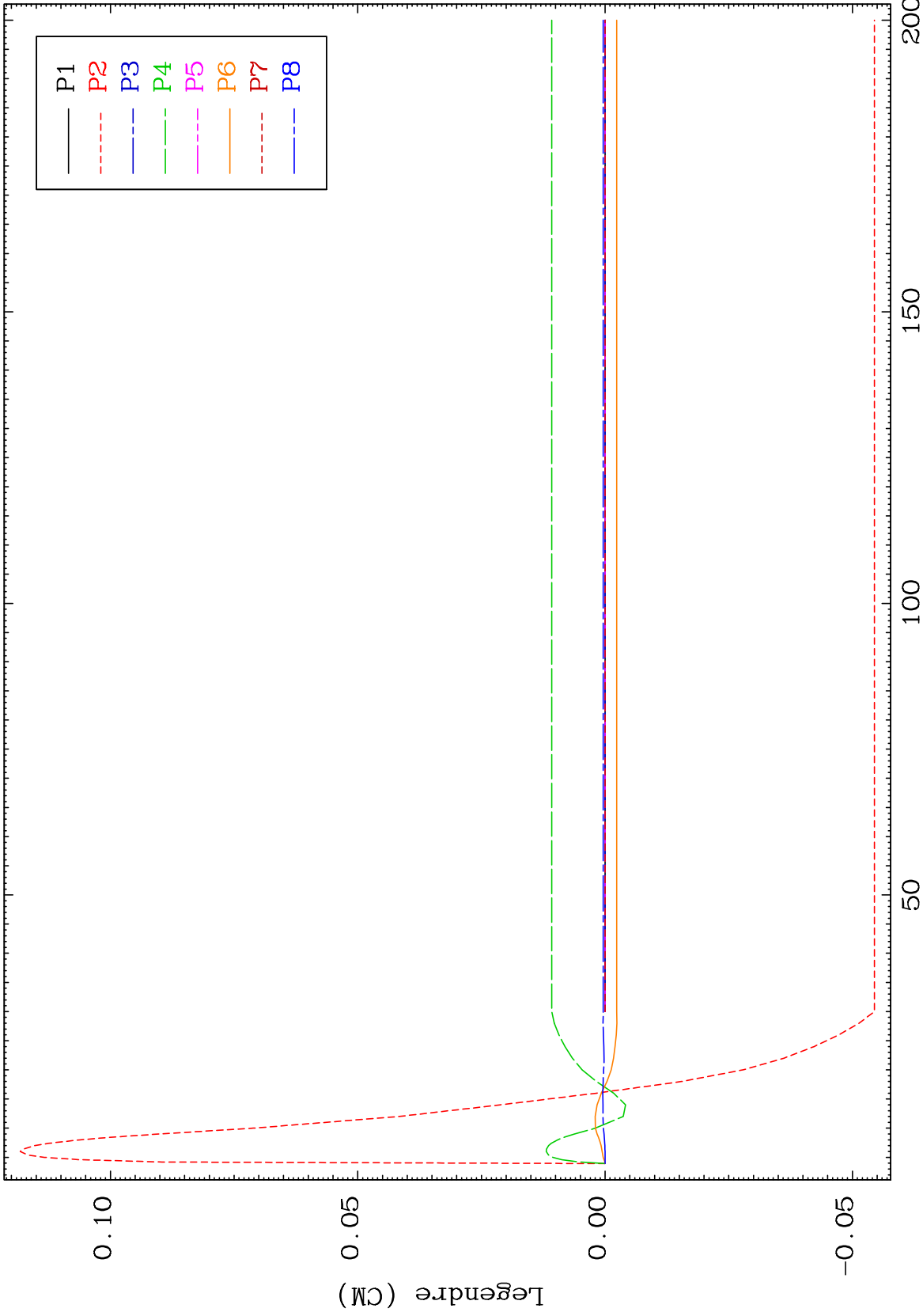
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



86

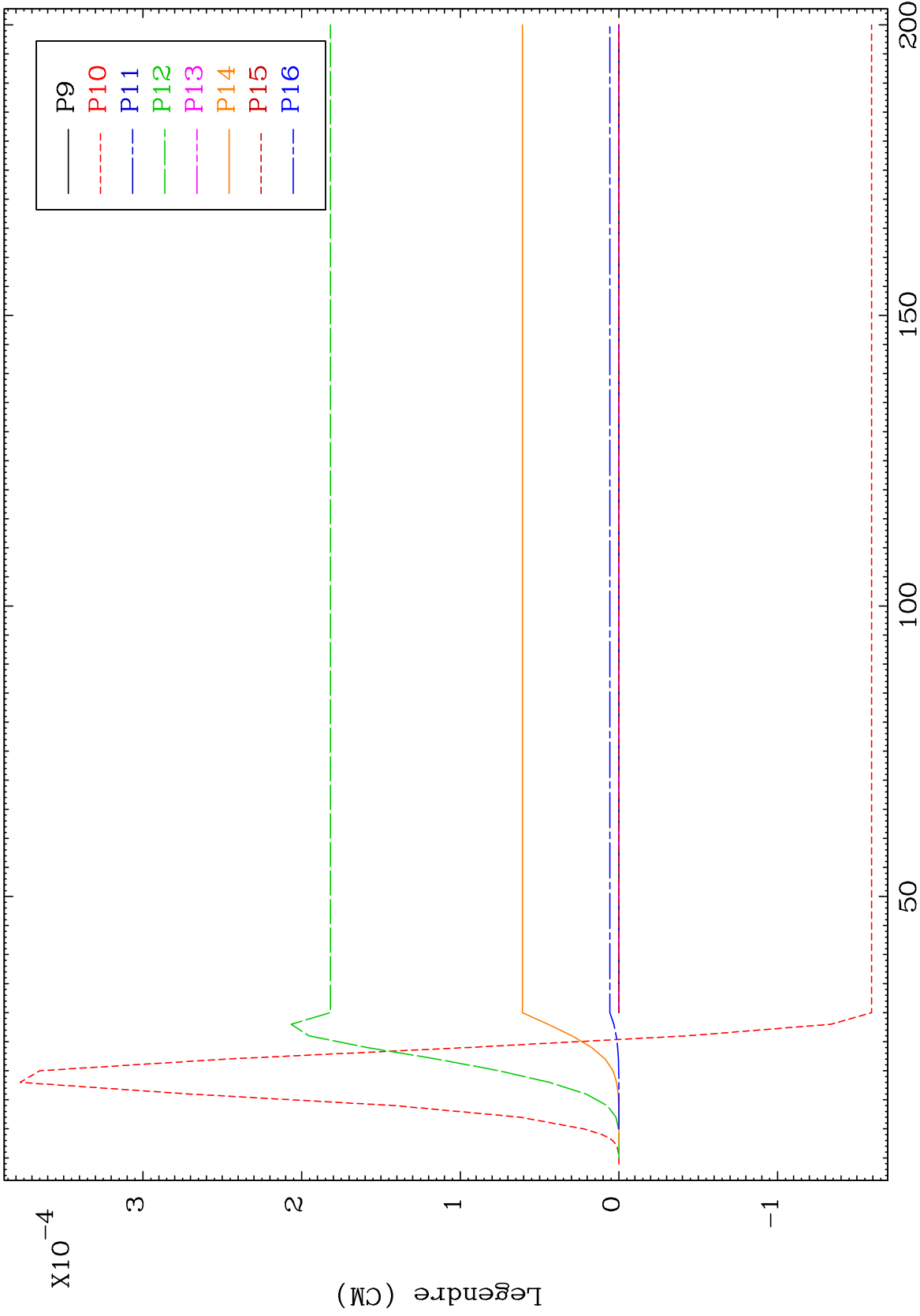
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



87

Incident Energy (MeV)

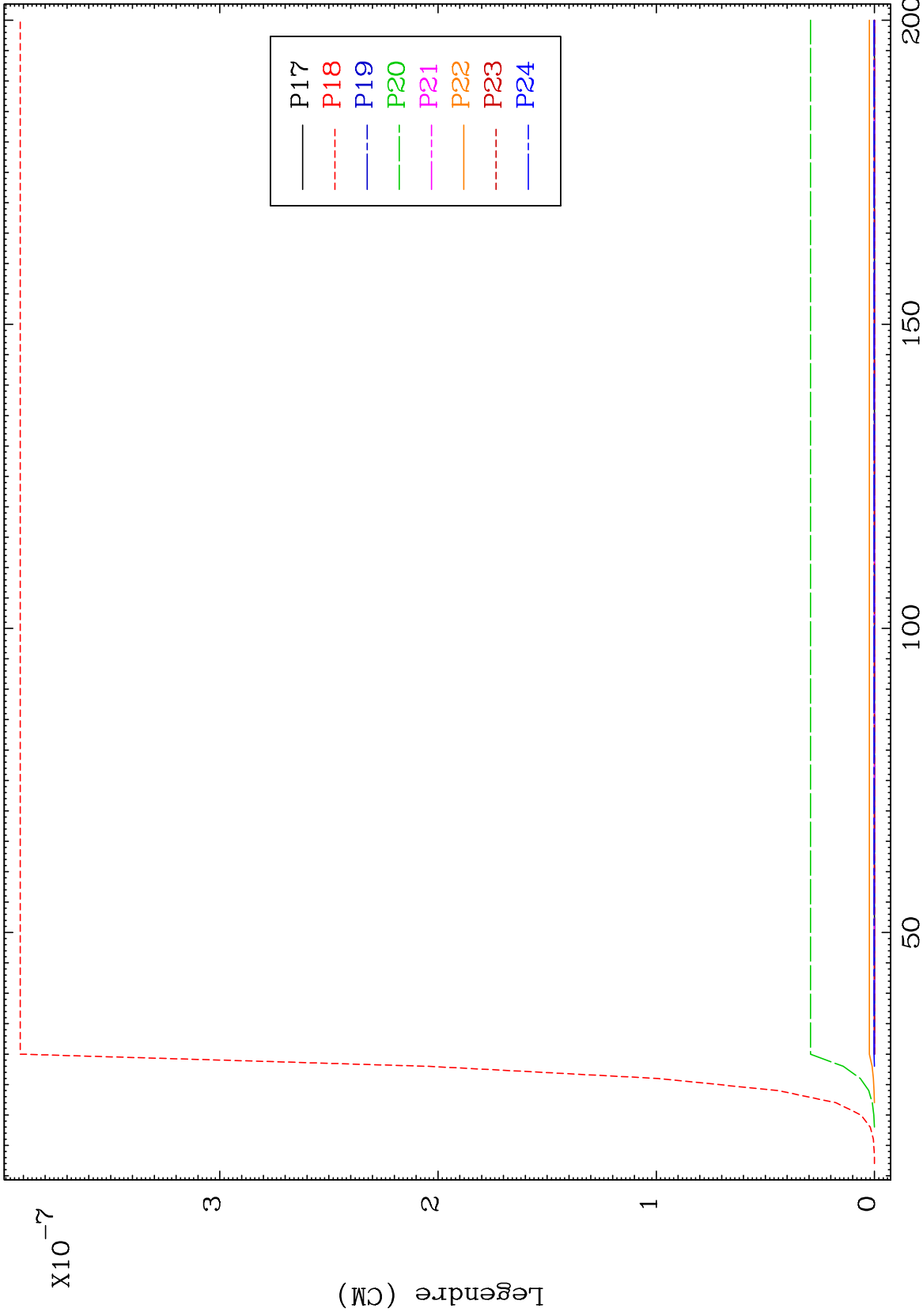
28-Ni-72



MAT 2867

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

28-Ni-72



88

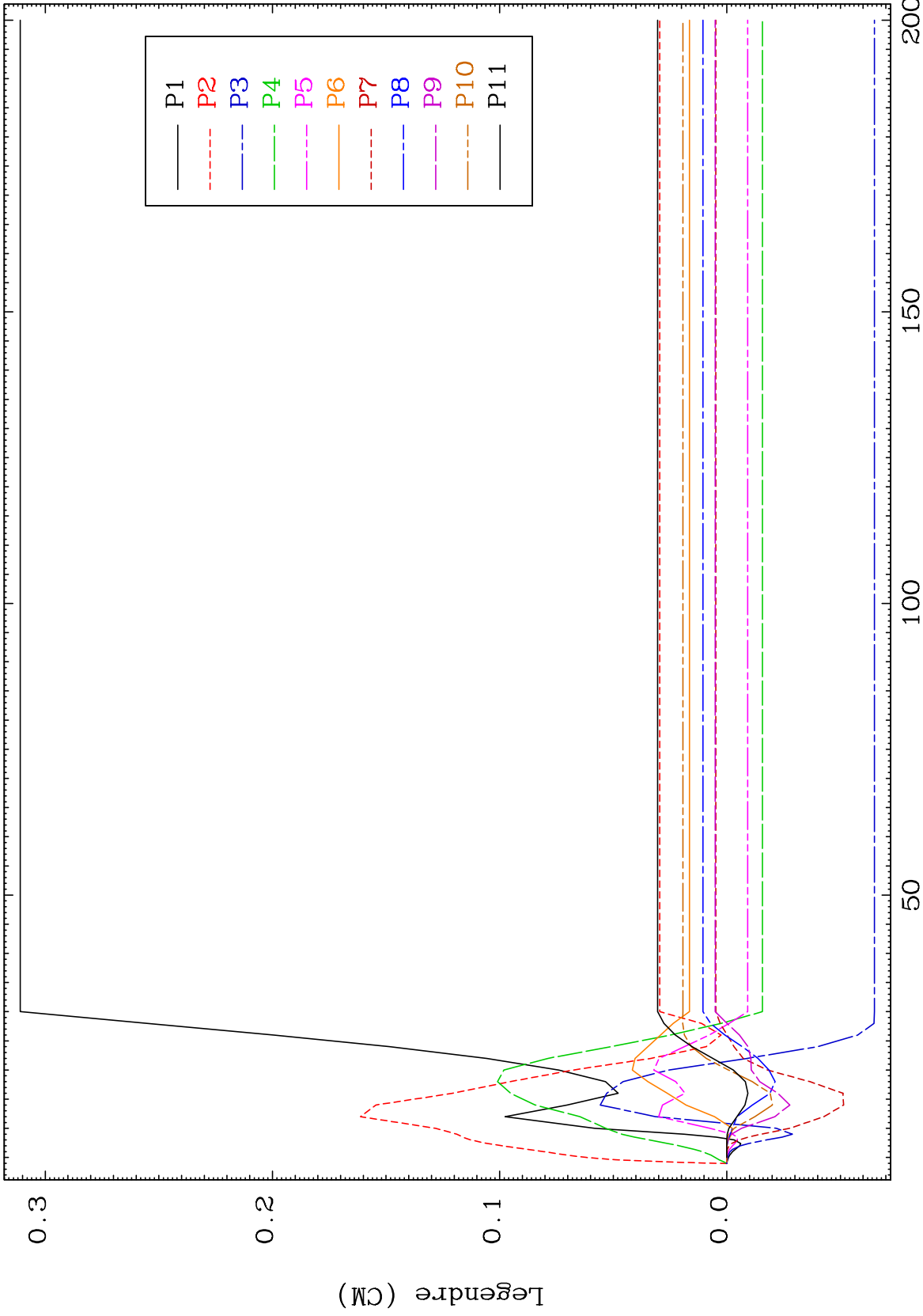
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



89

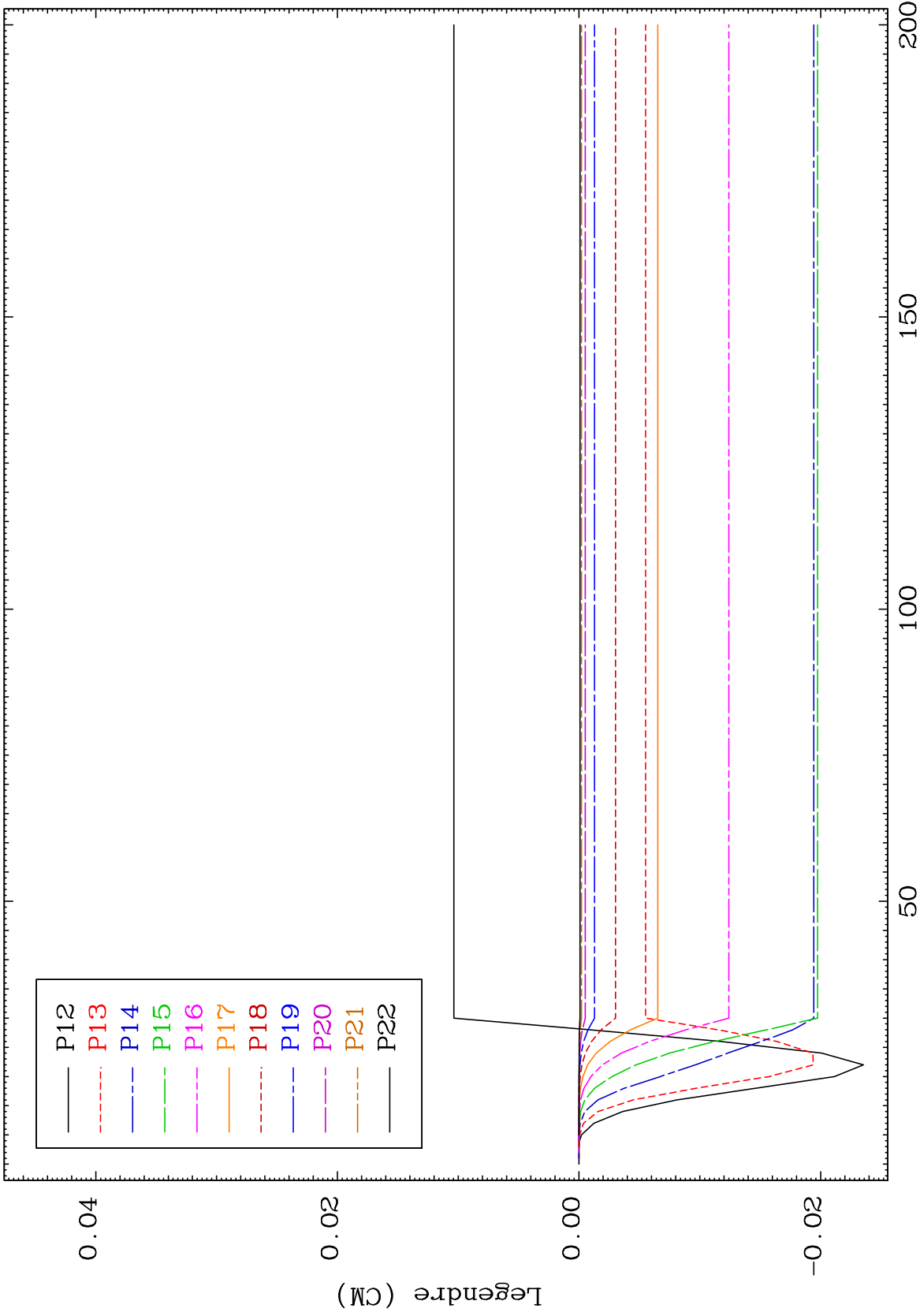
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



90

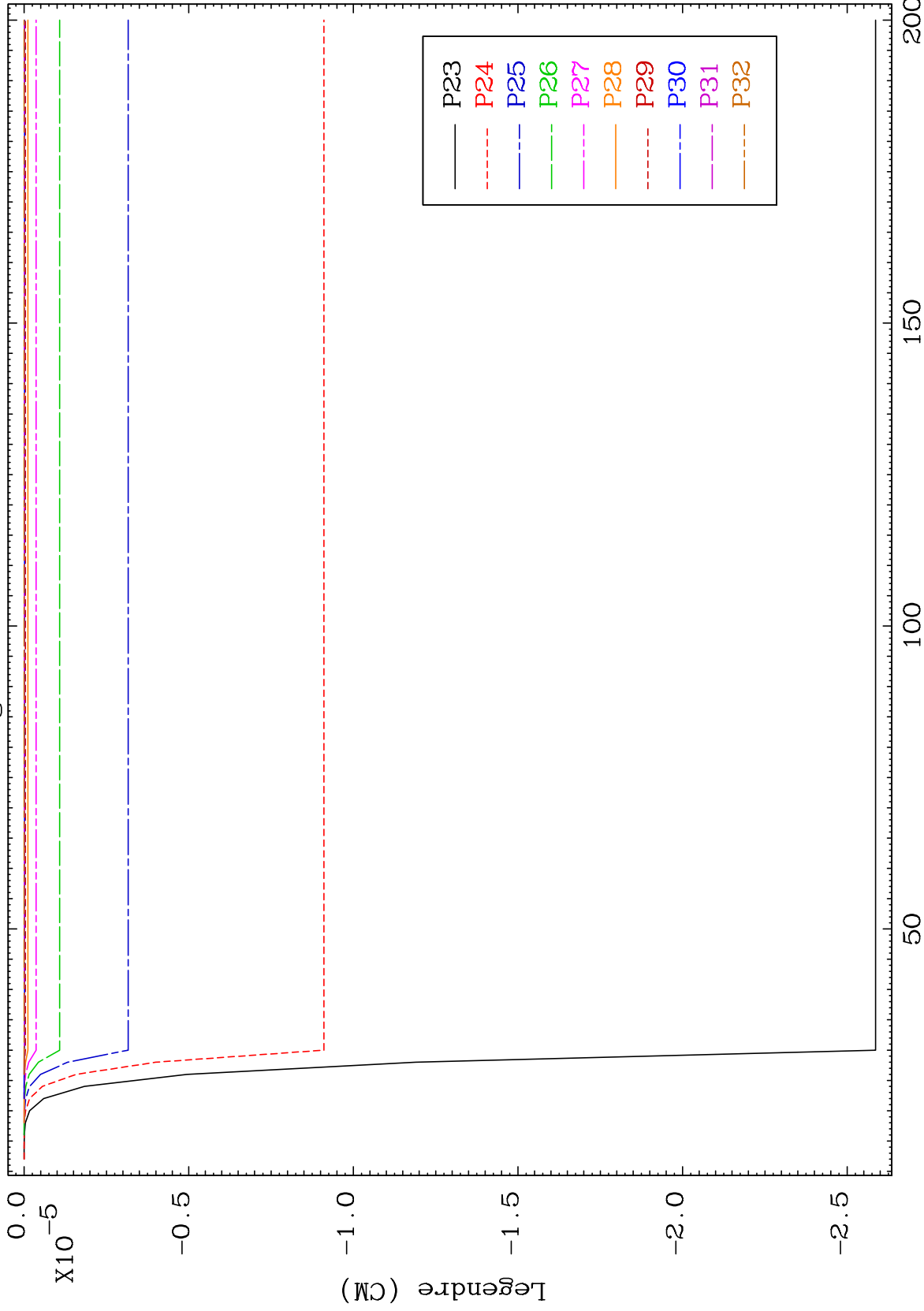
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



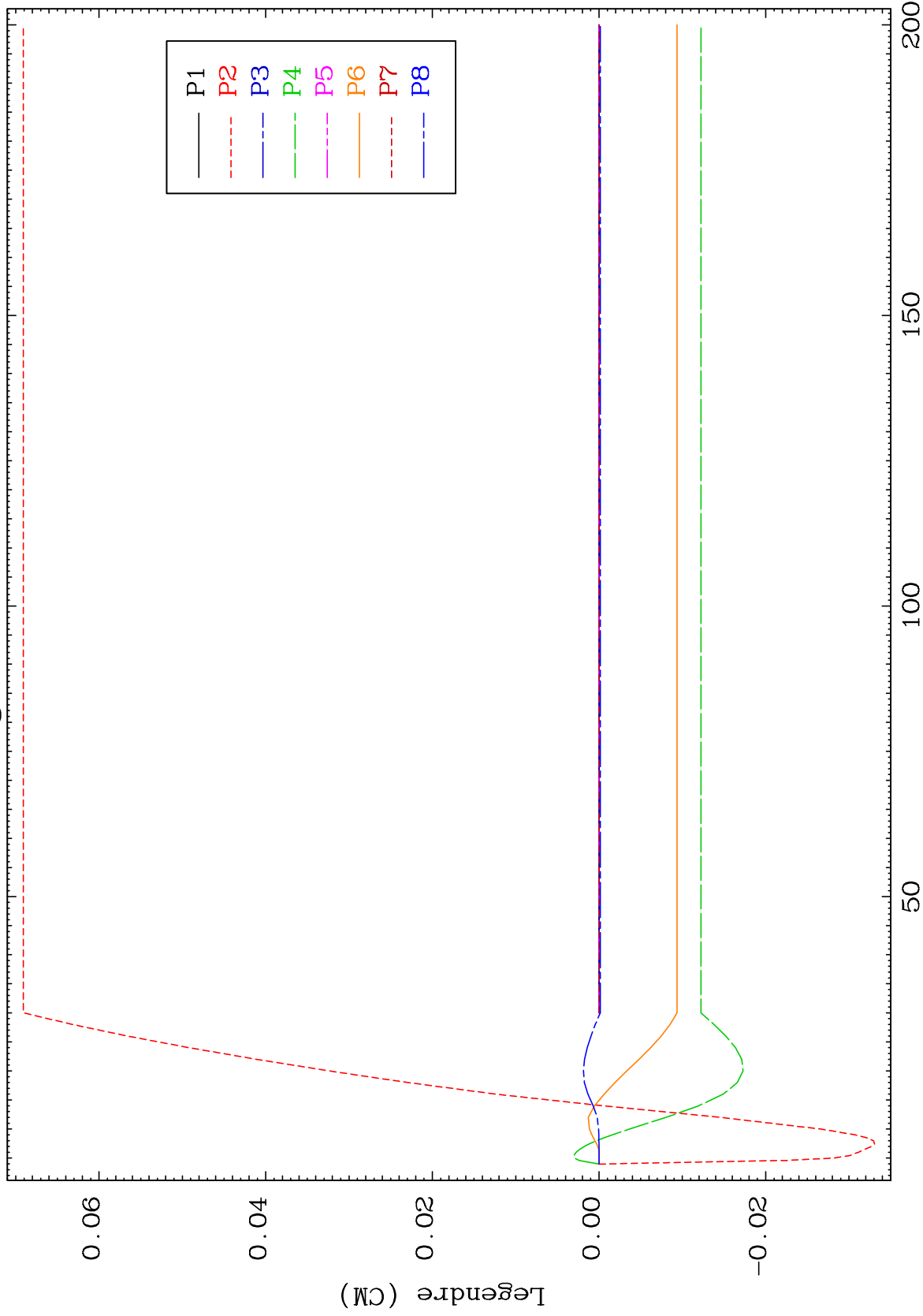
91

28-Ni-72

MAT 2867

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

28-Ni-72



92

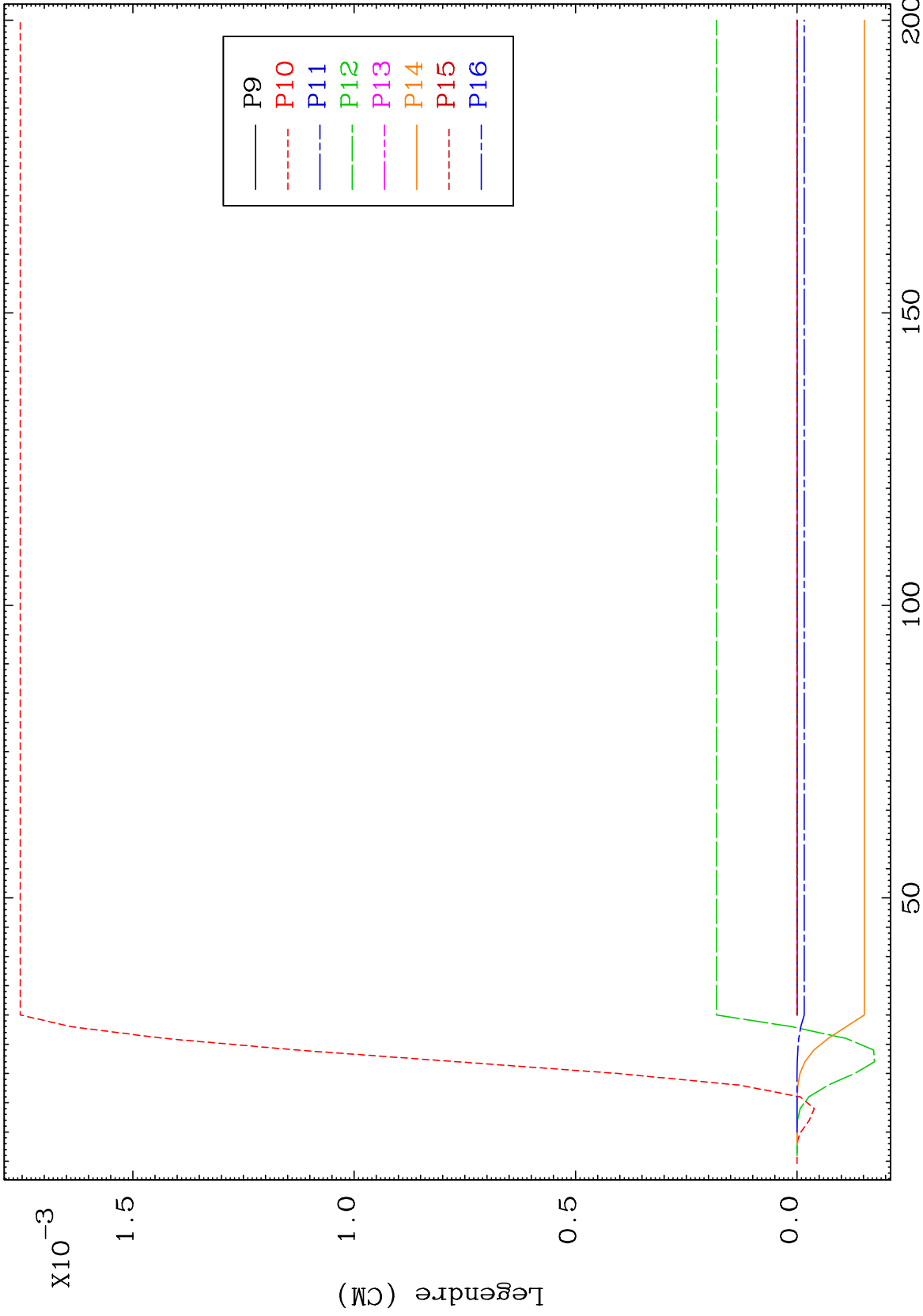
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



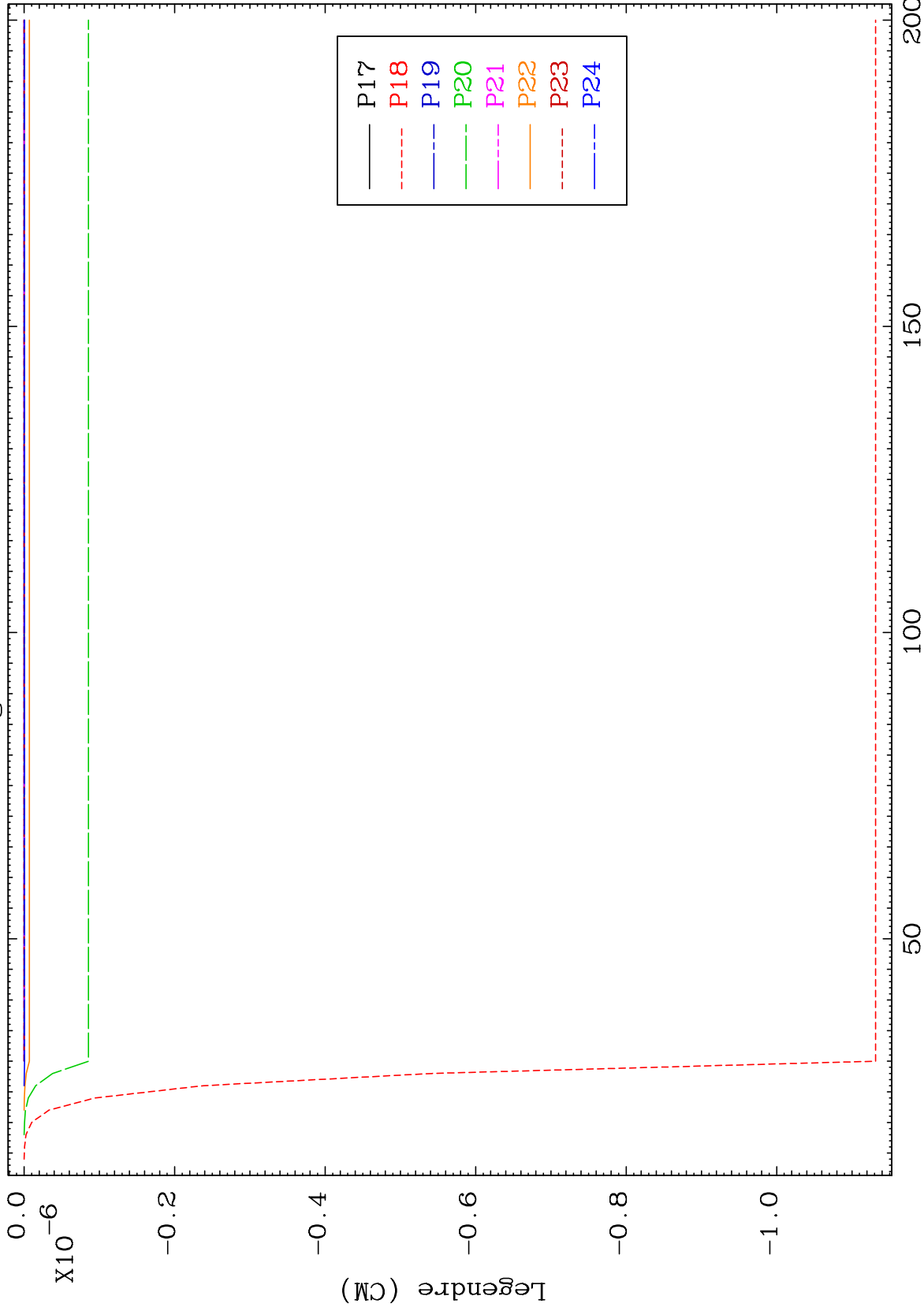
93

28-Ni-72

MAT 2867

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

28-Ni-72



94

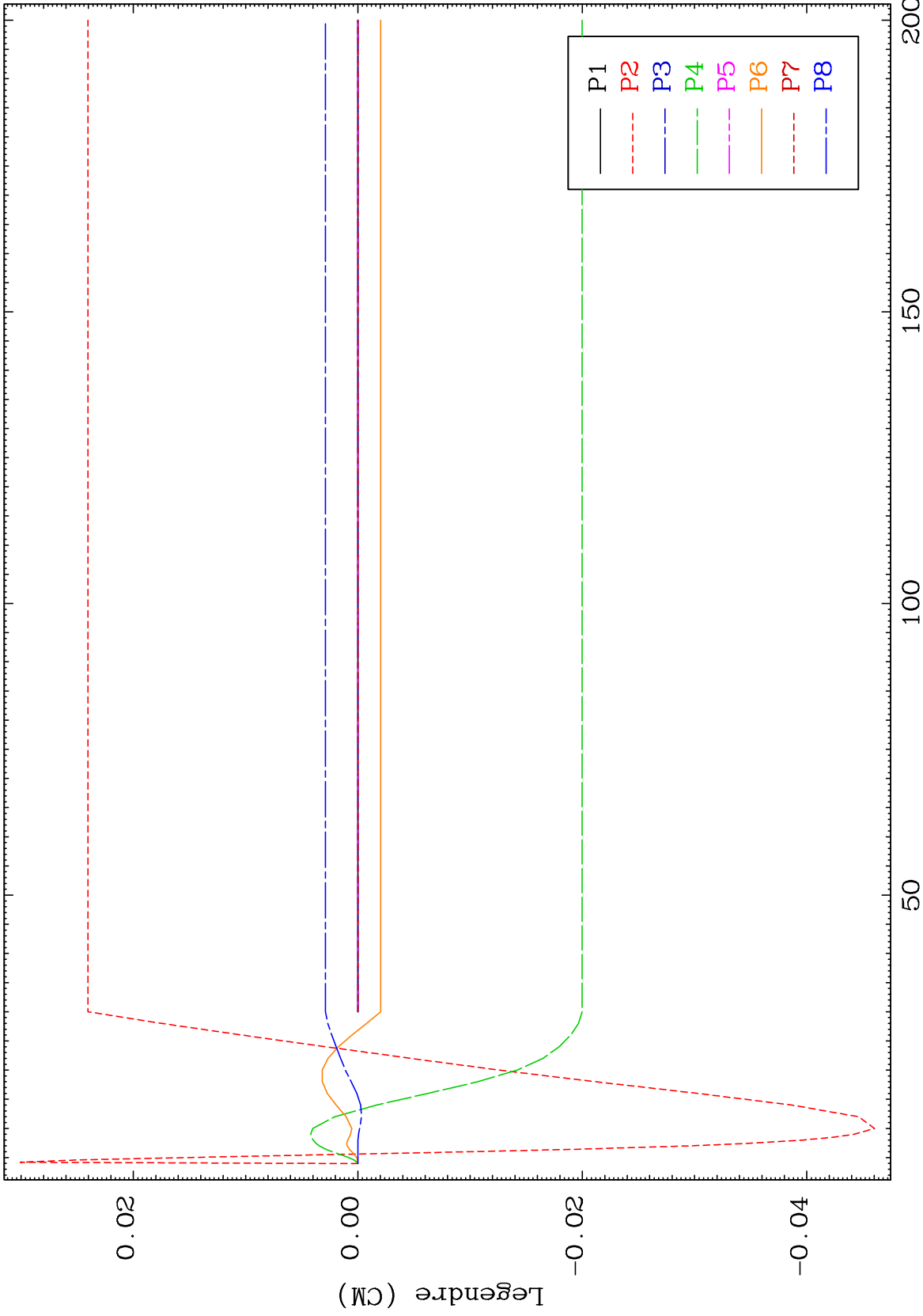
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



95

Incident Energy (MeV)

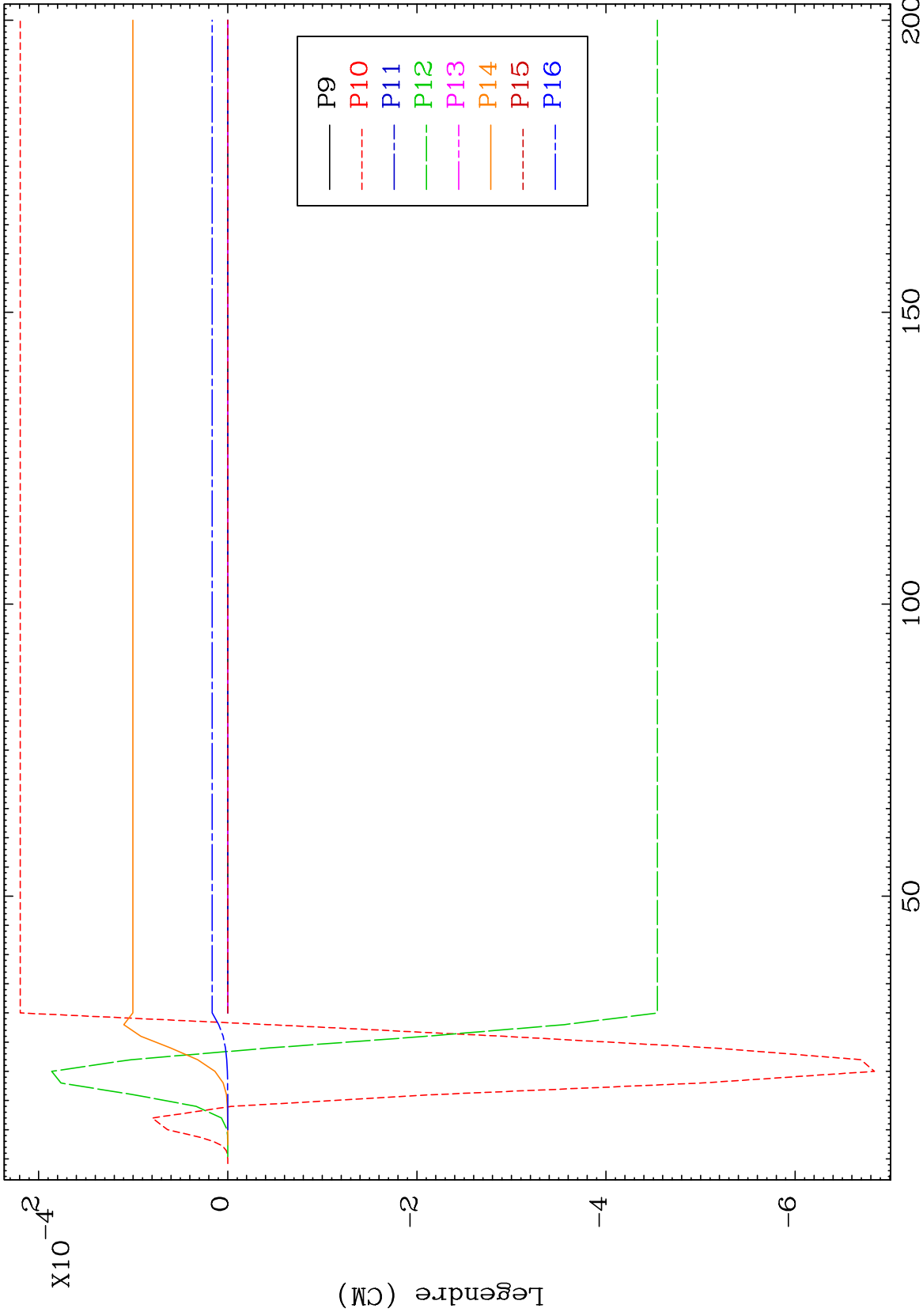
28-Ni-72



MAT 2867

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

28-Ni-72

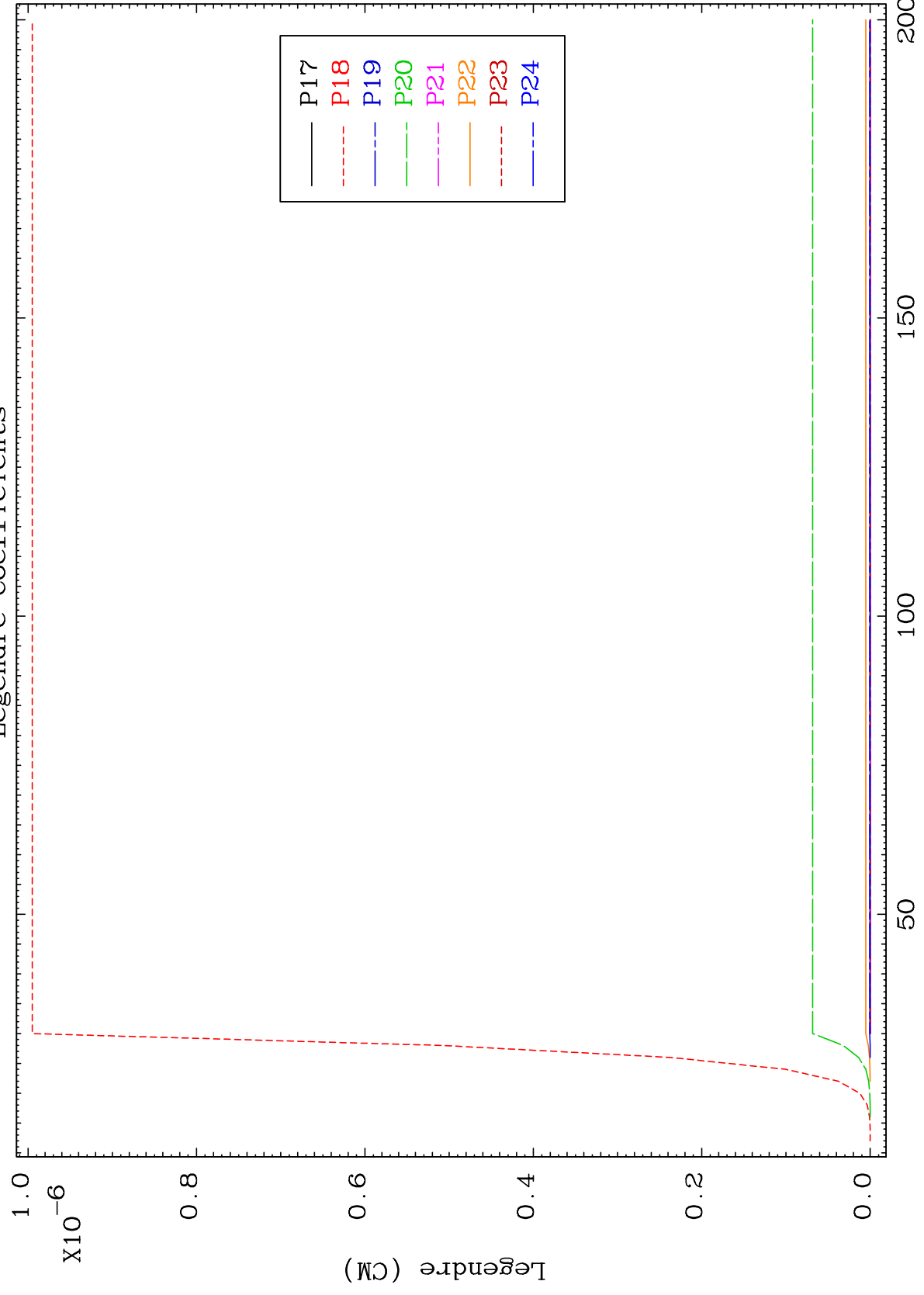


96

Incident Energy (MeV)

28-Ni-72

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

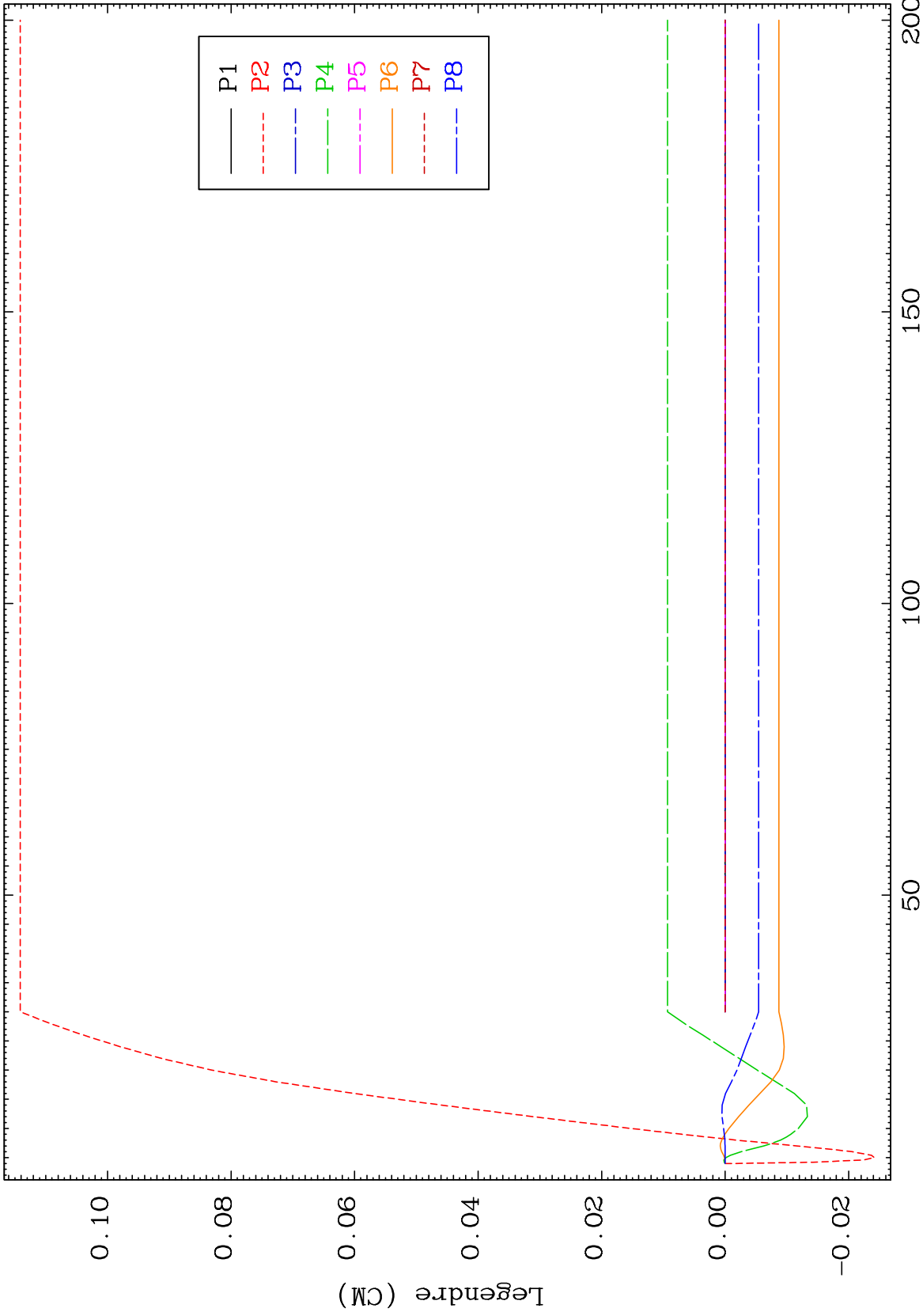


97 28-Ni-72

MAT 2867

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

28-Ni-72



98

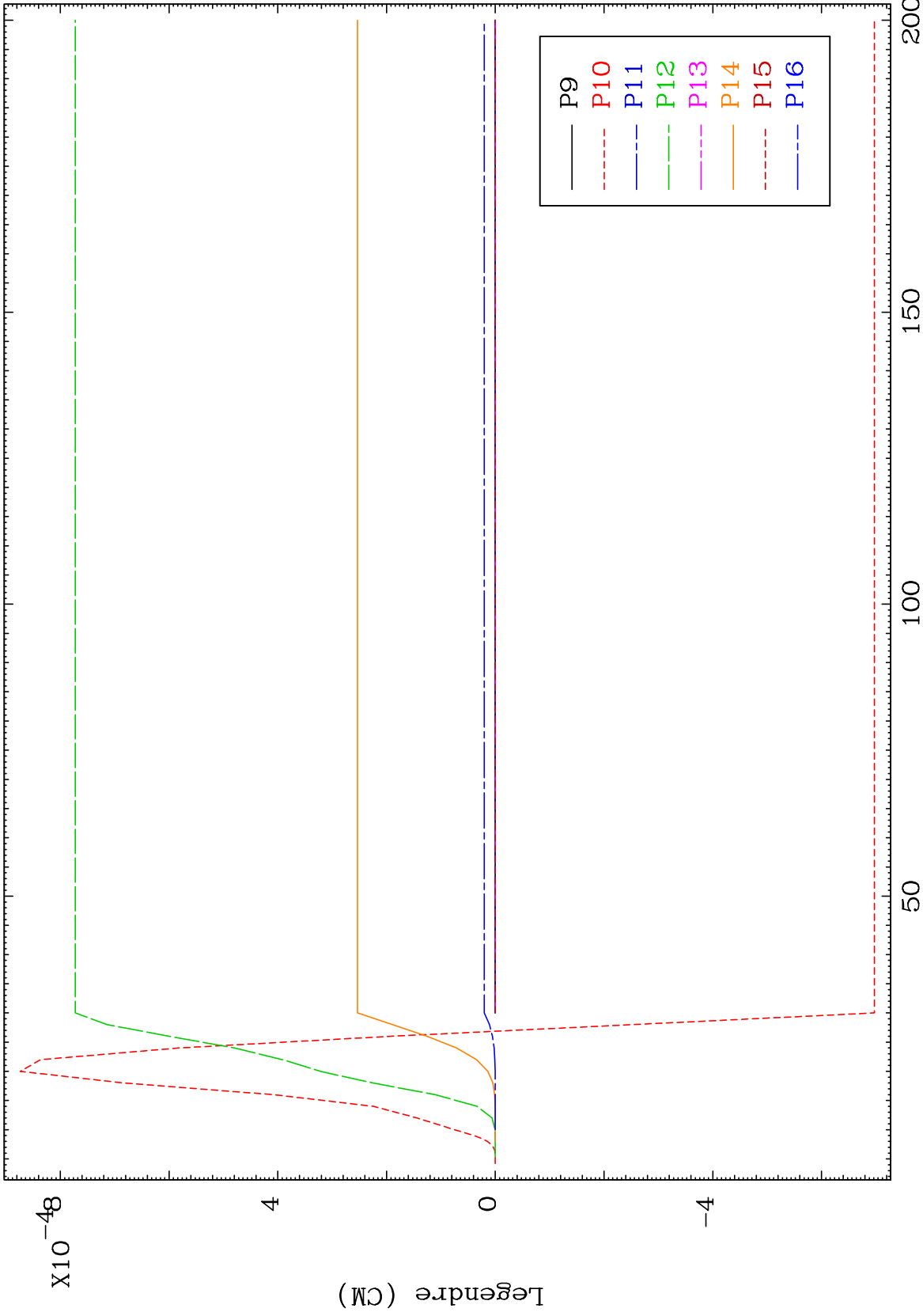
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



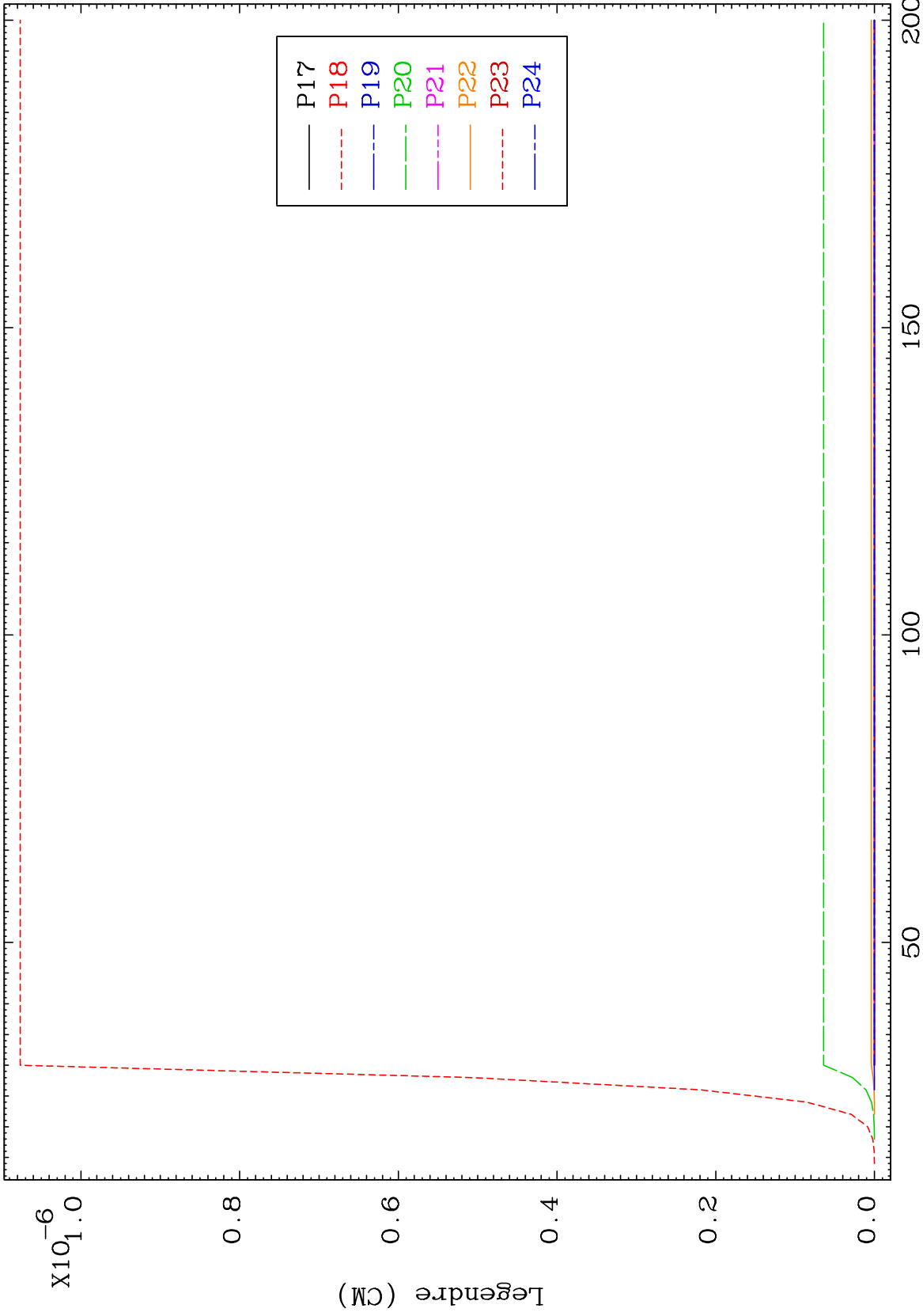
99

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

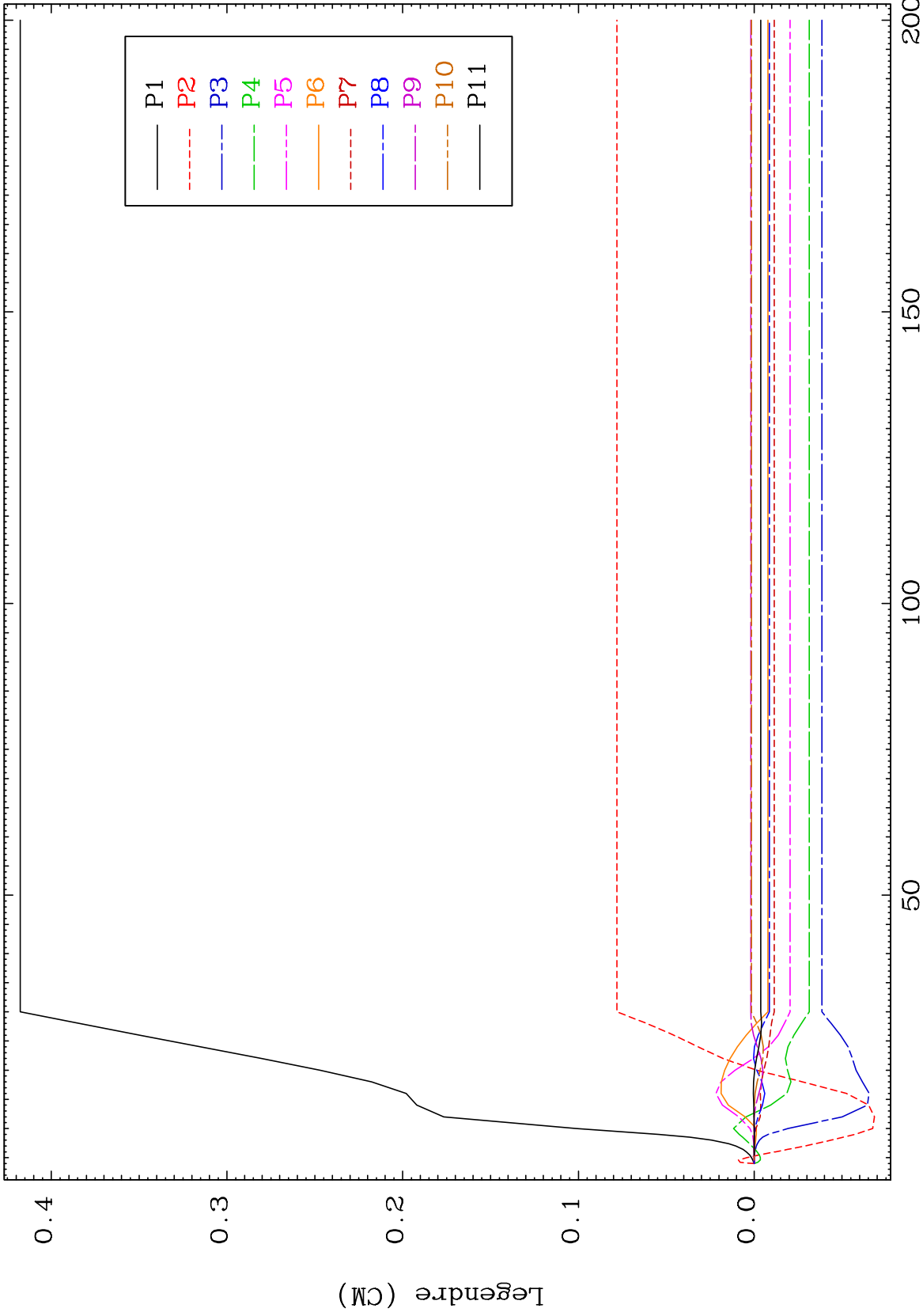
Incident Energy (MeV)

100

MAT 2867

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

28-Ni-72



101

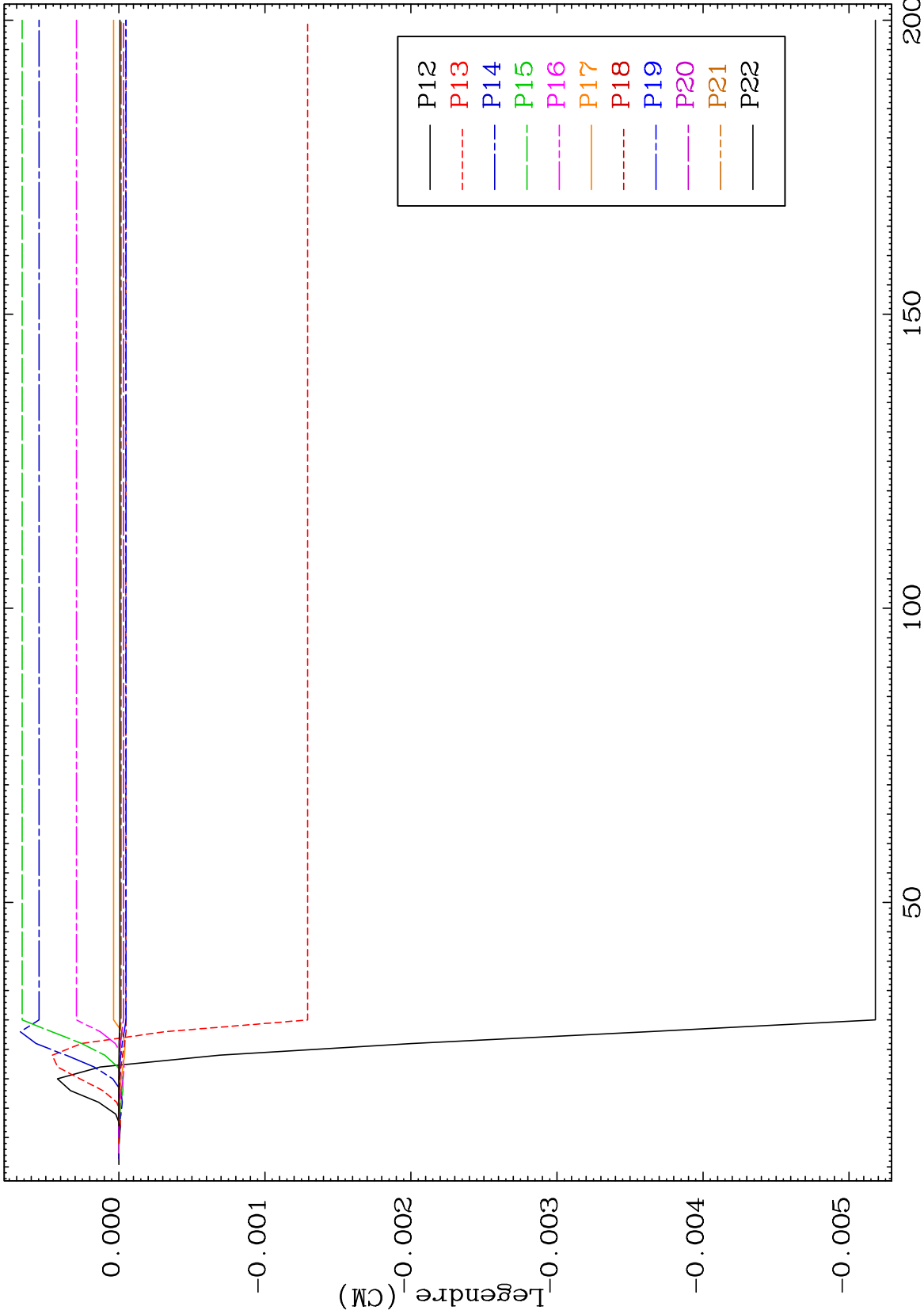
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



102

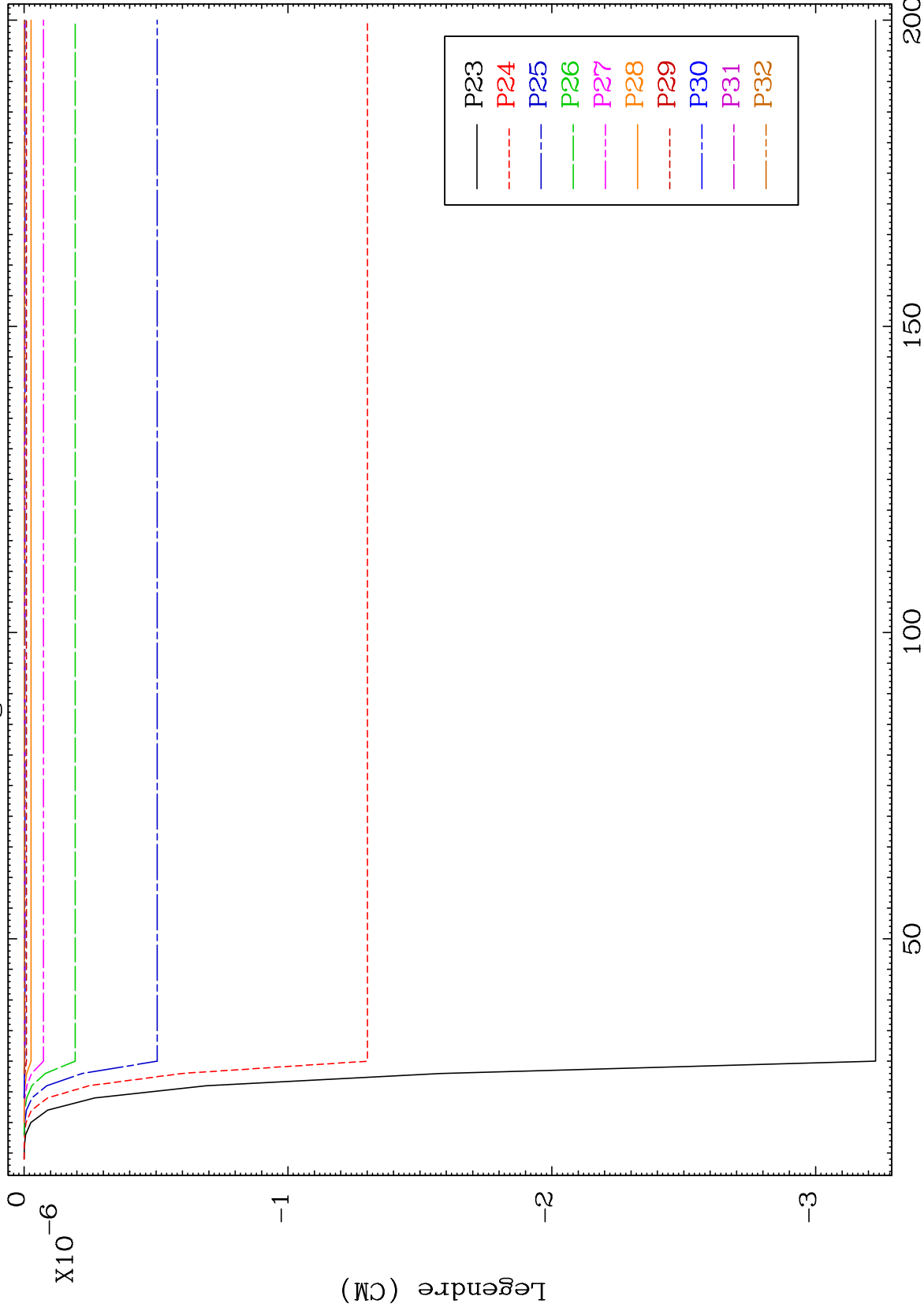
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



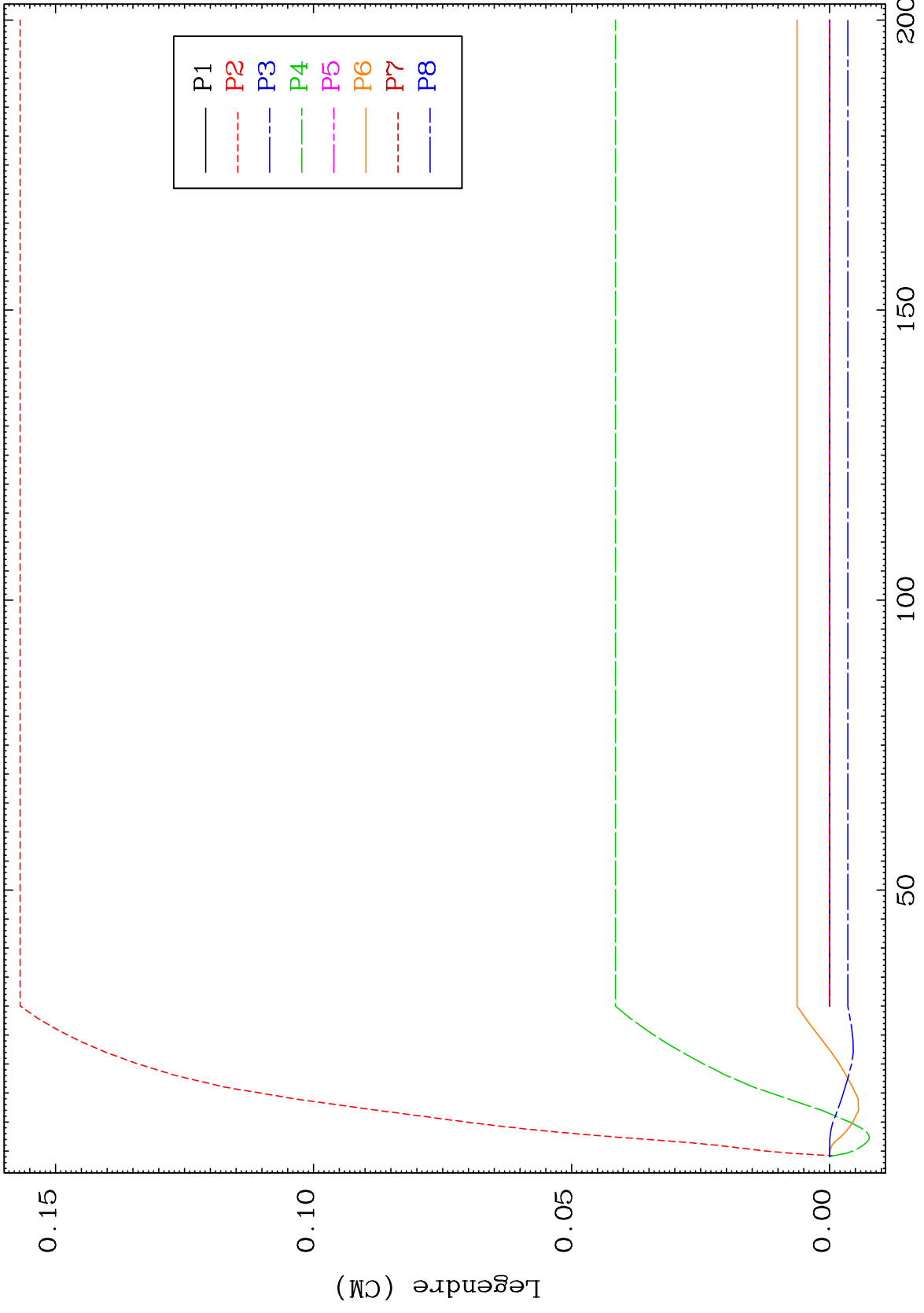
28-Ni-72

Incident Energy (MeV)

103



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

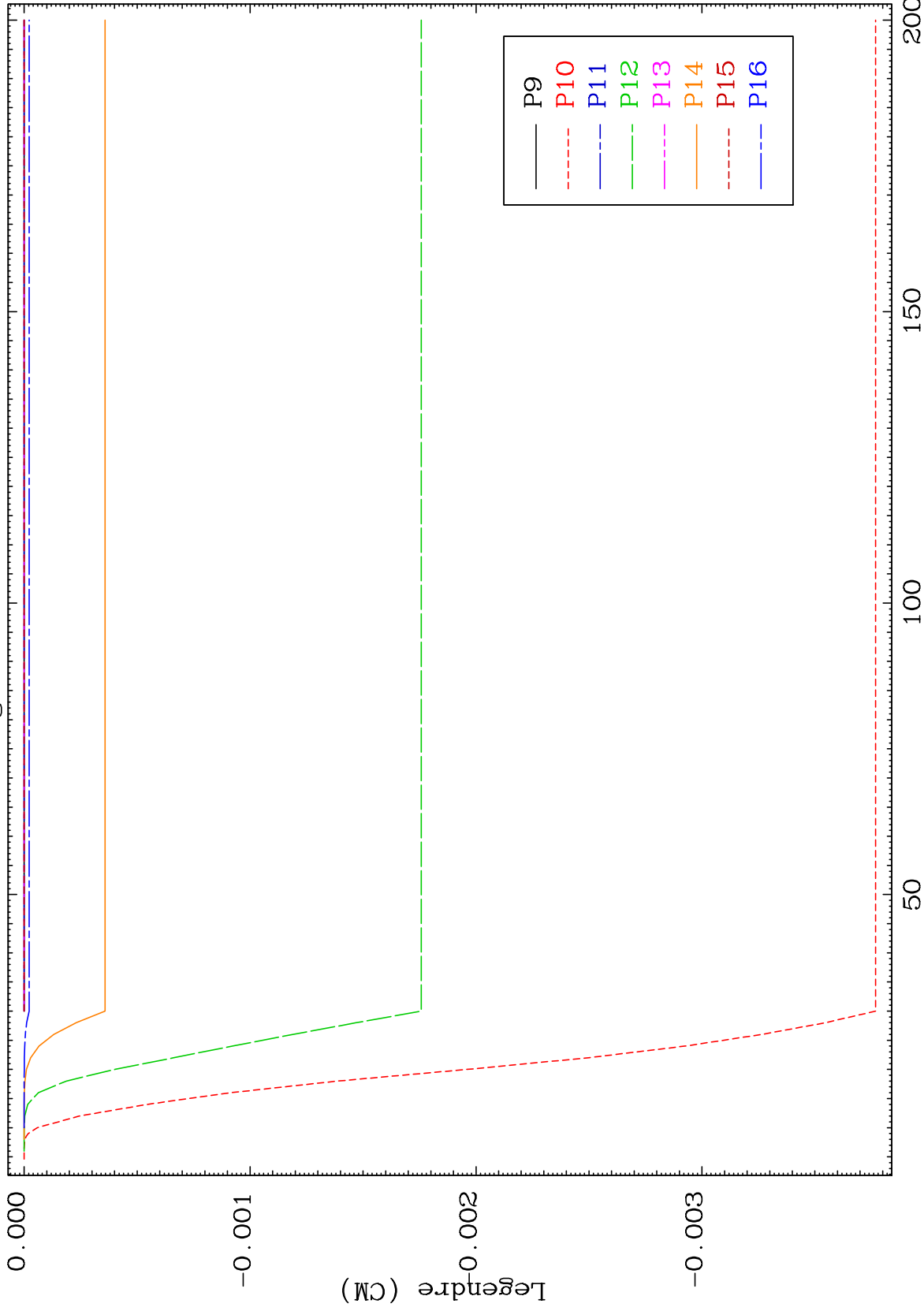


104 Incident Energy (MeV) 28-Ni-72

MAT 2867

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

28-Ni-72



105

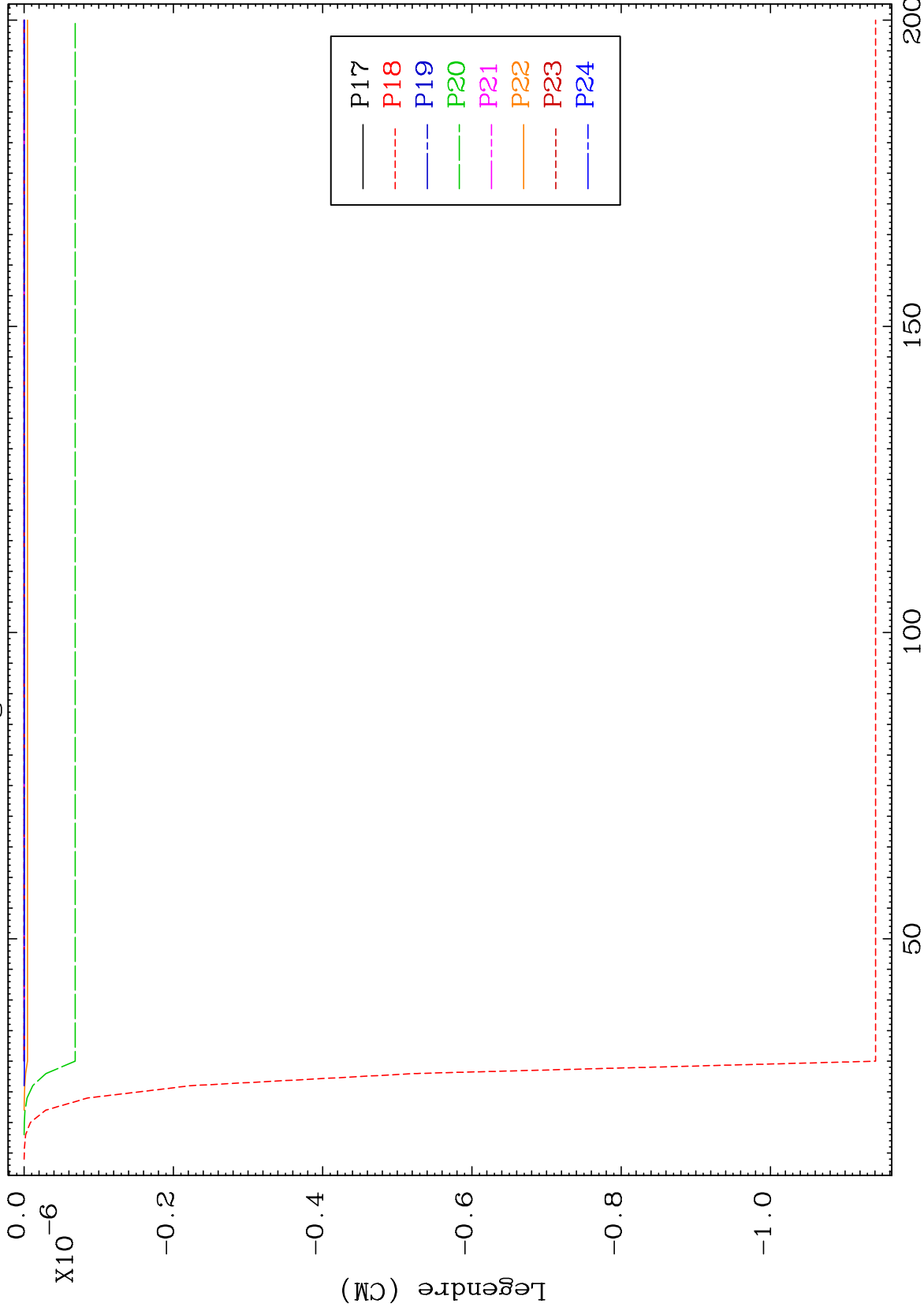
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



106

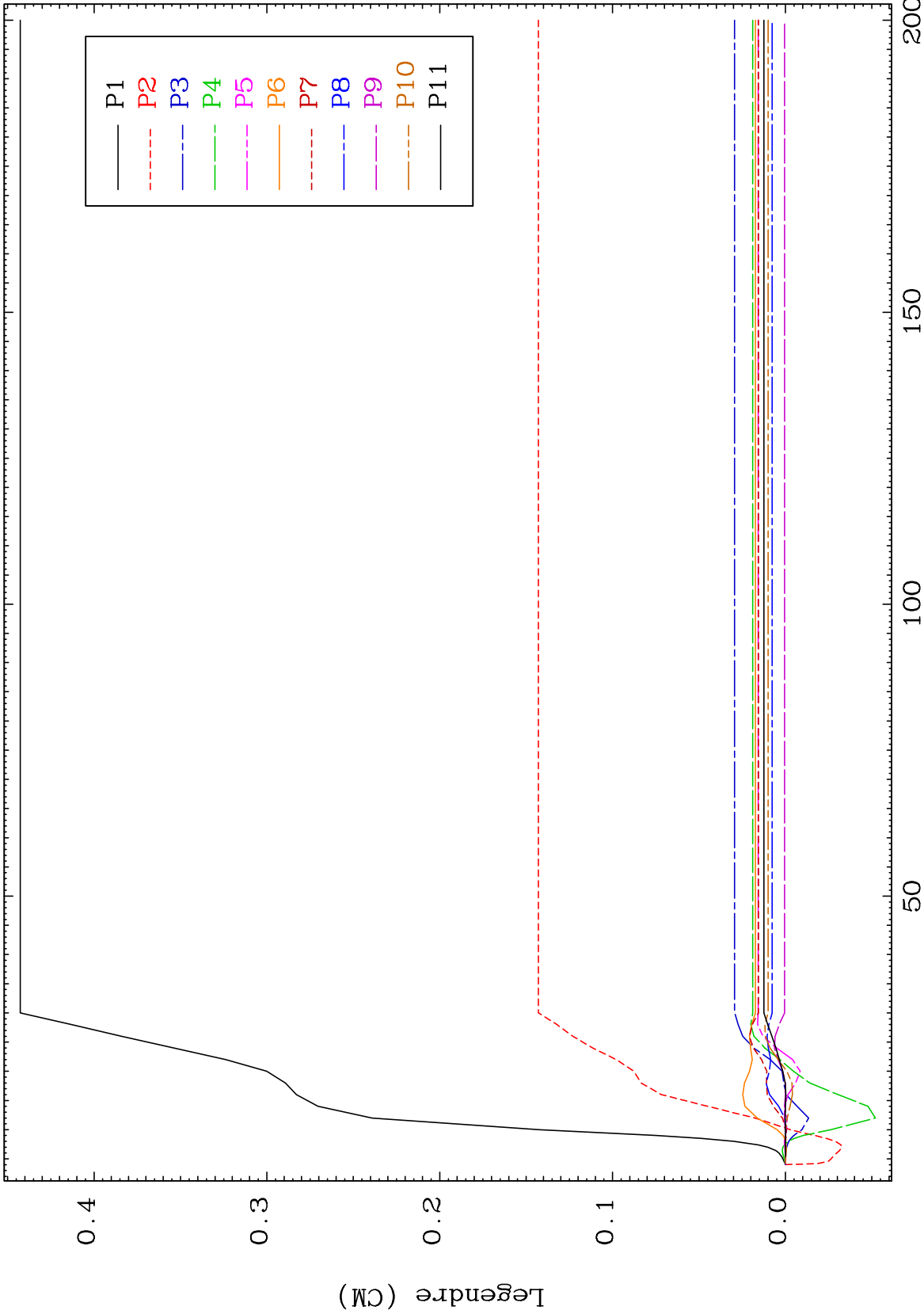
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



28-Ni-72

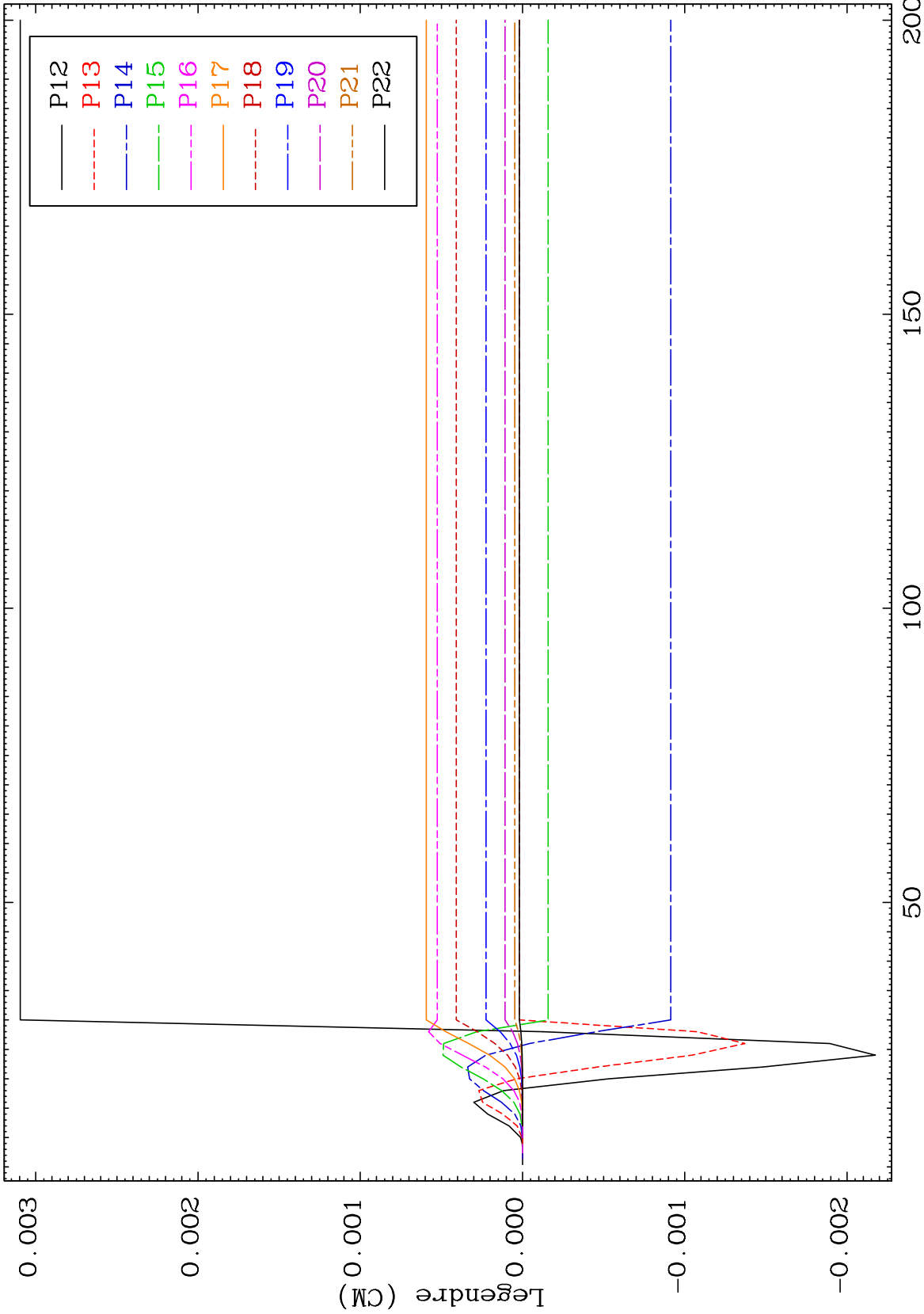
Incident Energy (MeV)

107

MAT 2867

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

28-Ni-72



108

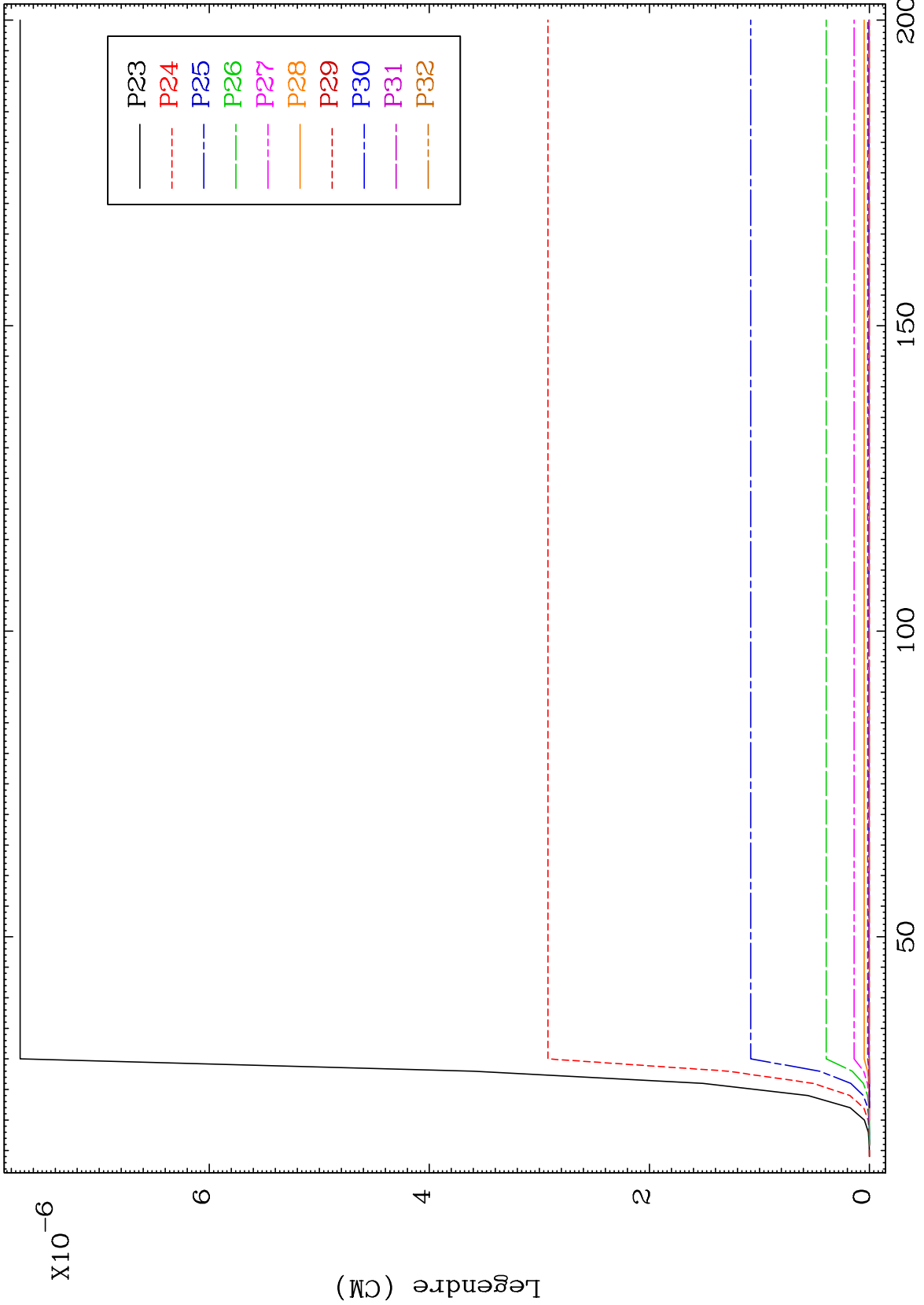
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



109

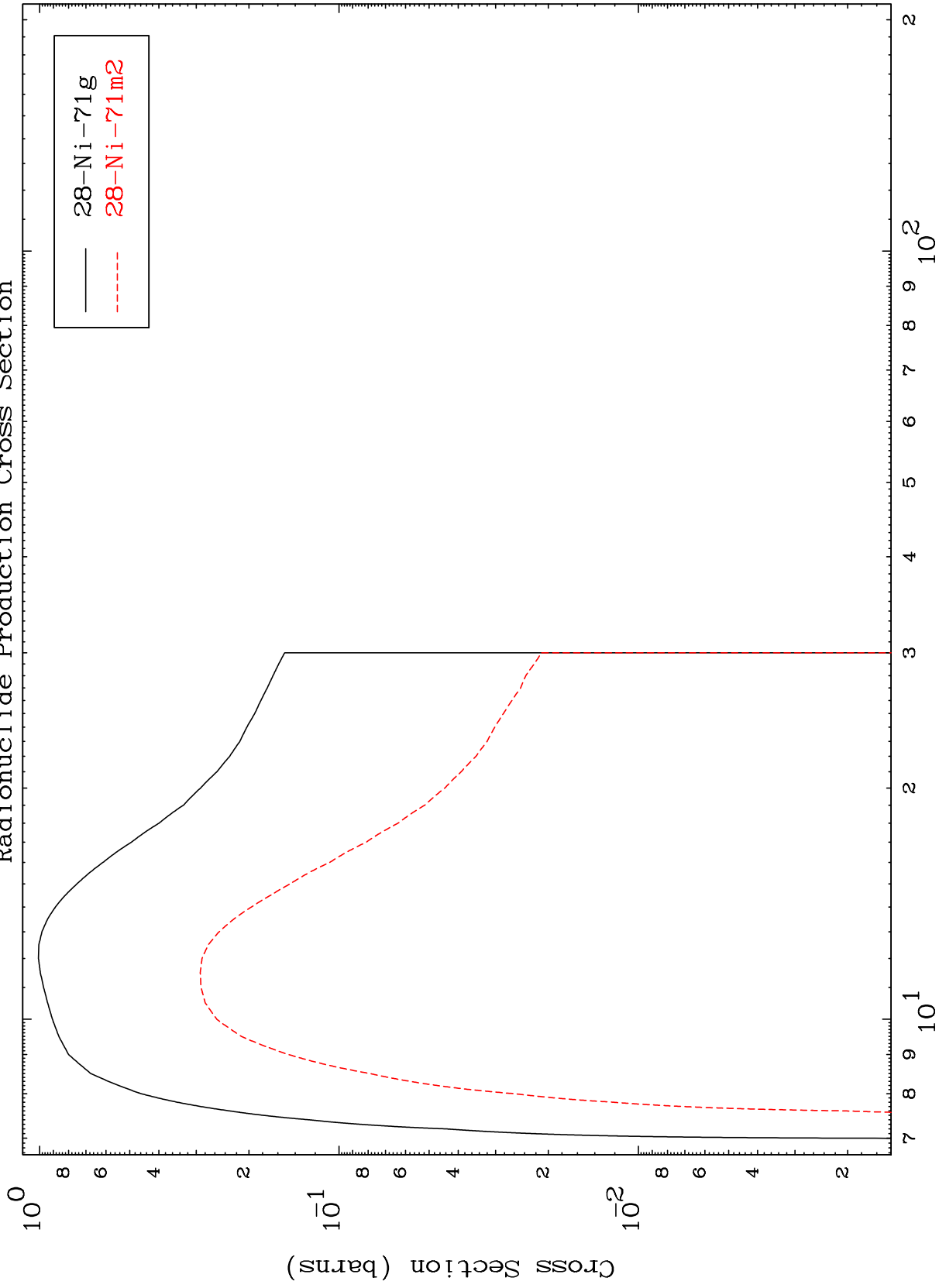
Incident Energy (MeV)

28-Ni-72

MAT 2867

<sup>28</sup>Ni-72

(n,2n)  
Radionuclide Production Cross Section



110

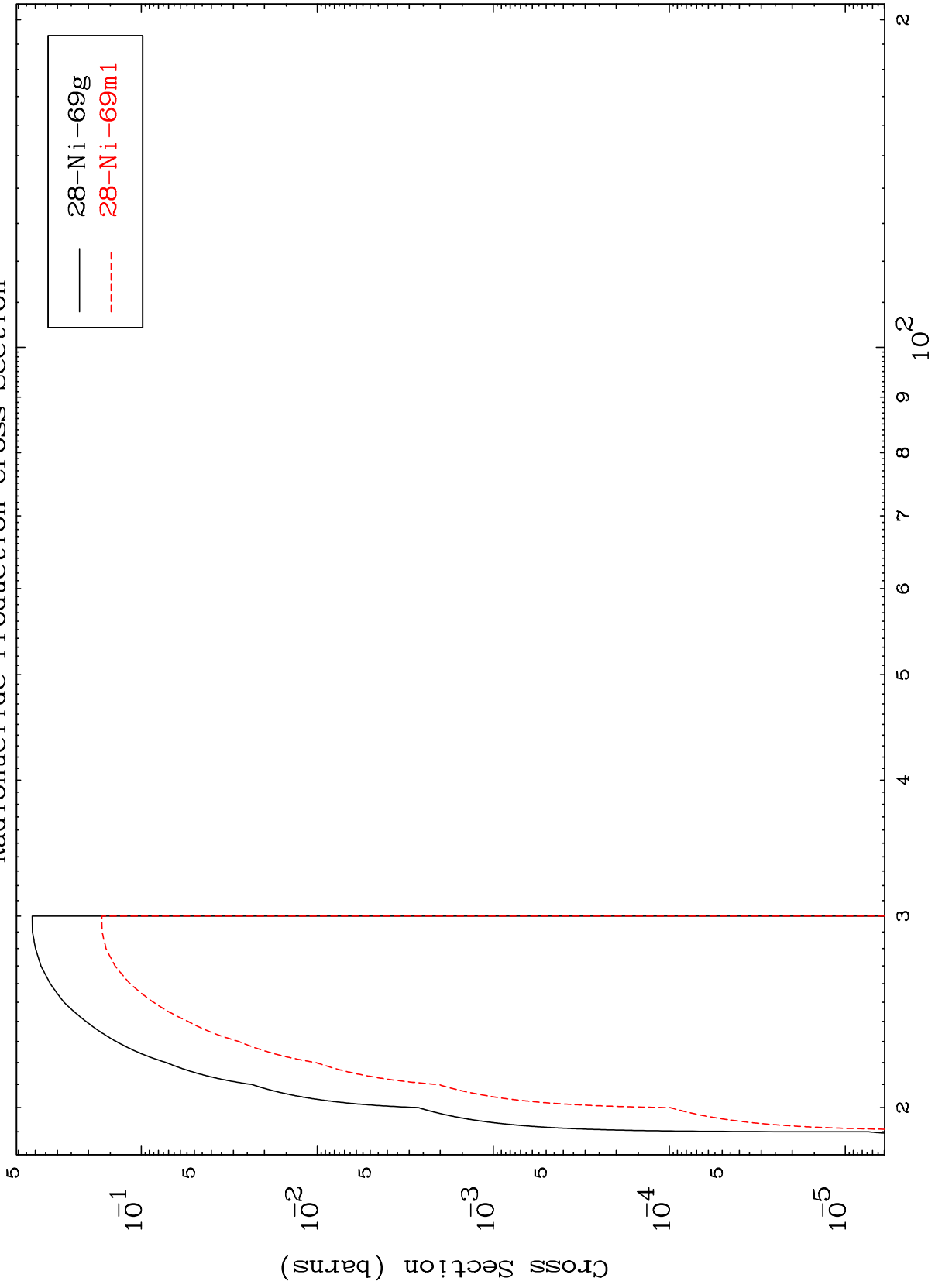
Incident Energy (MeV)

<sup>28</sup>Ni-72

MAT 2867

28-Ni-72

(n,4n)  
Radionuclide Production Cross Section



— 28-Ni-69g  
- - - 28-Ni-69m1

111

Incident Energy (MeV)

28-Ni-72