

Program EVALPLOT
(Version 2018-1)

by

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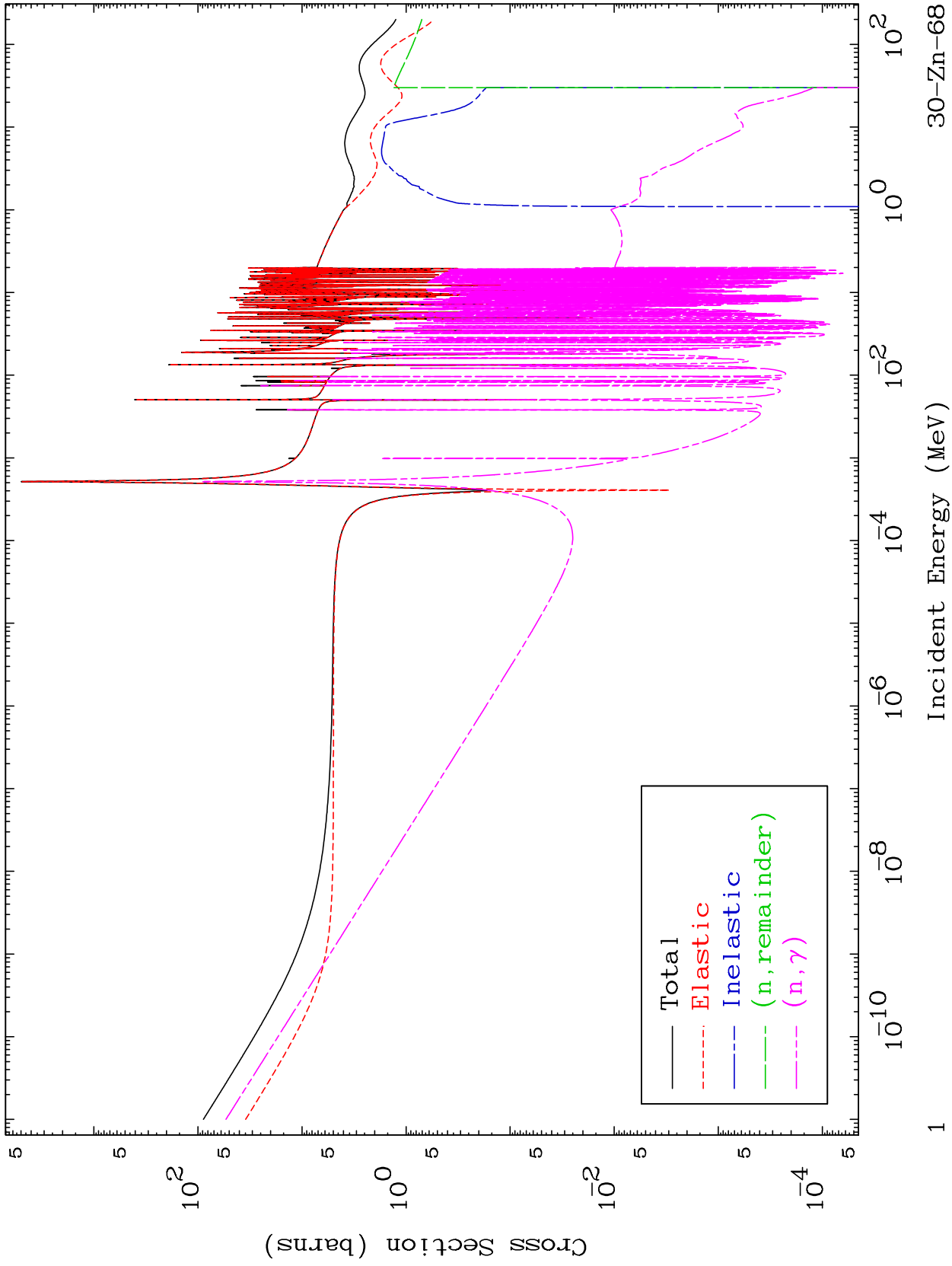
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3037

Major
293 Kelvin Cross Sections

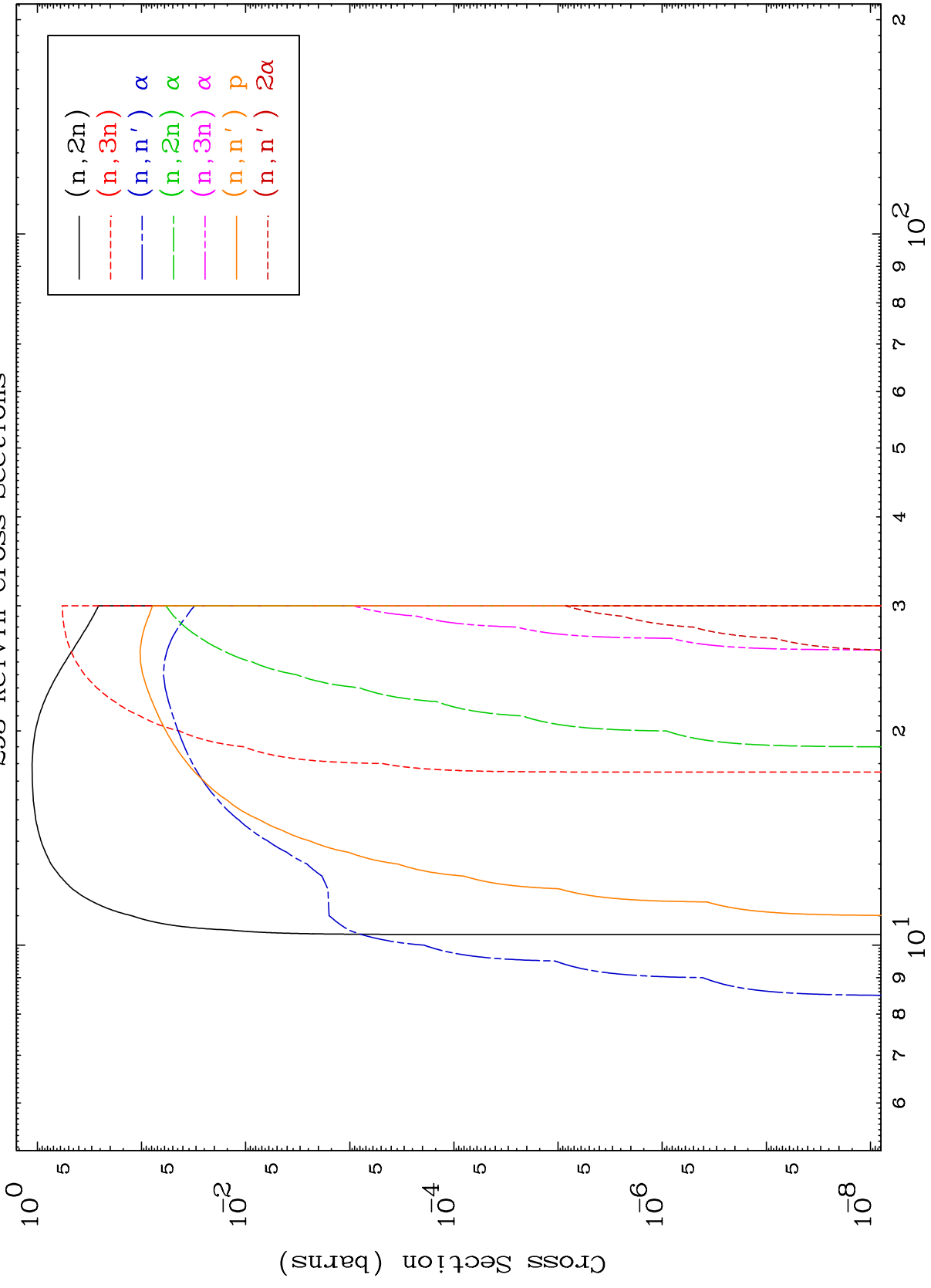
30-Zn-68



MAT 3037

Neutron Production
293 Kelvin Cross Sections

30-Zn-68



2

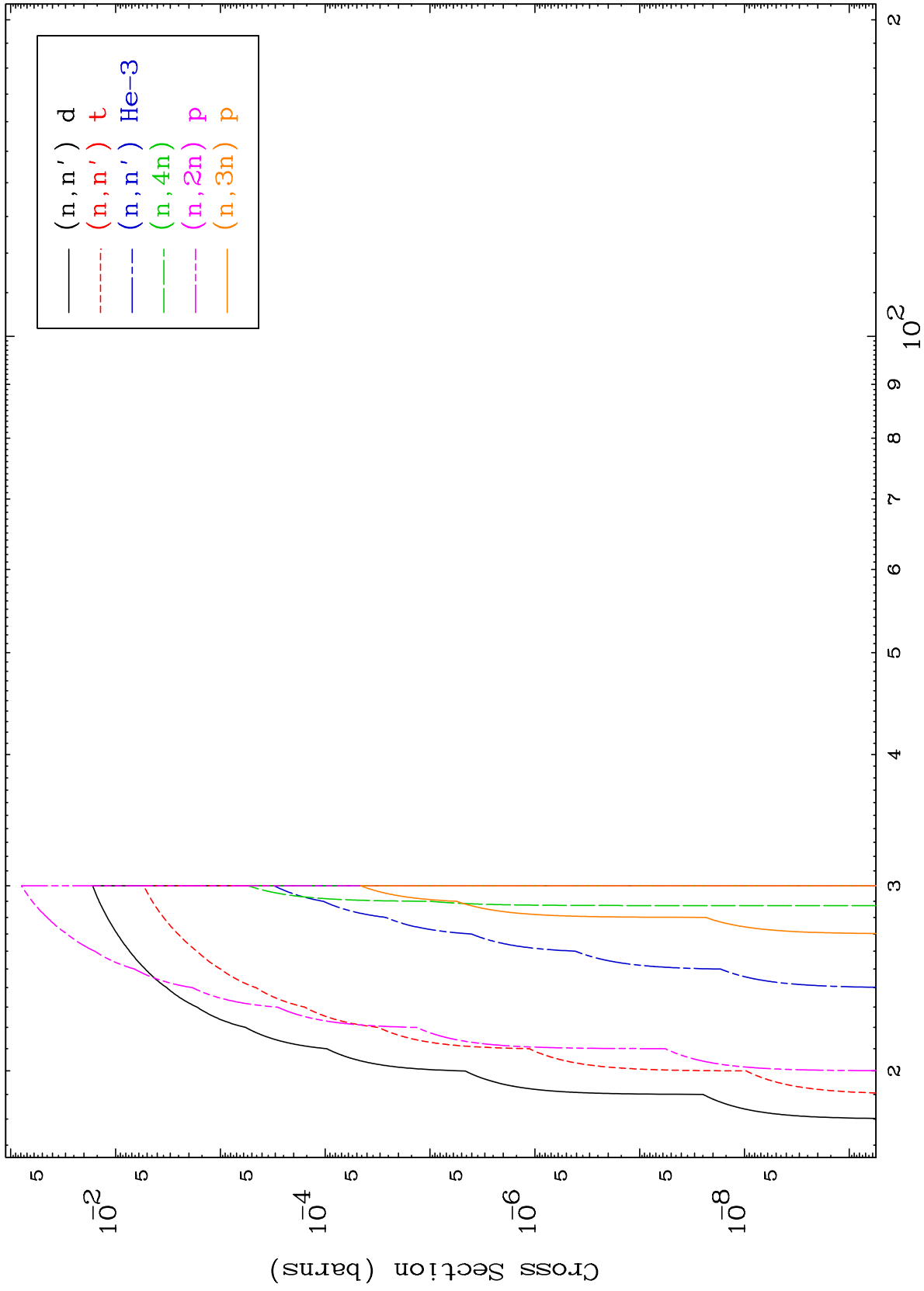
Incident Energy (MeV)

30-Zn-68

MAT 3037

Neutron Production
293 Kelvin Cross Sections

30-Zn-68



3

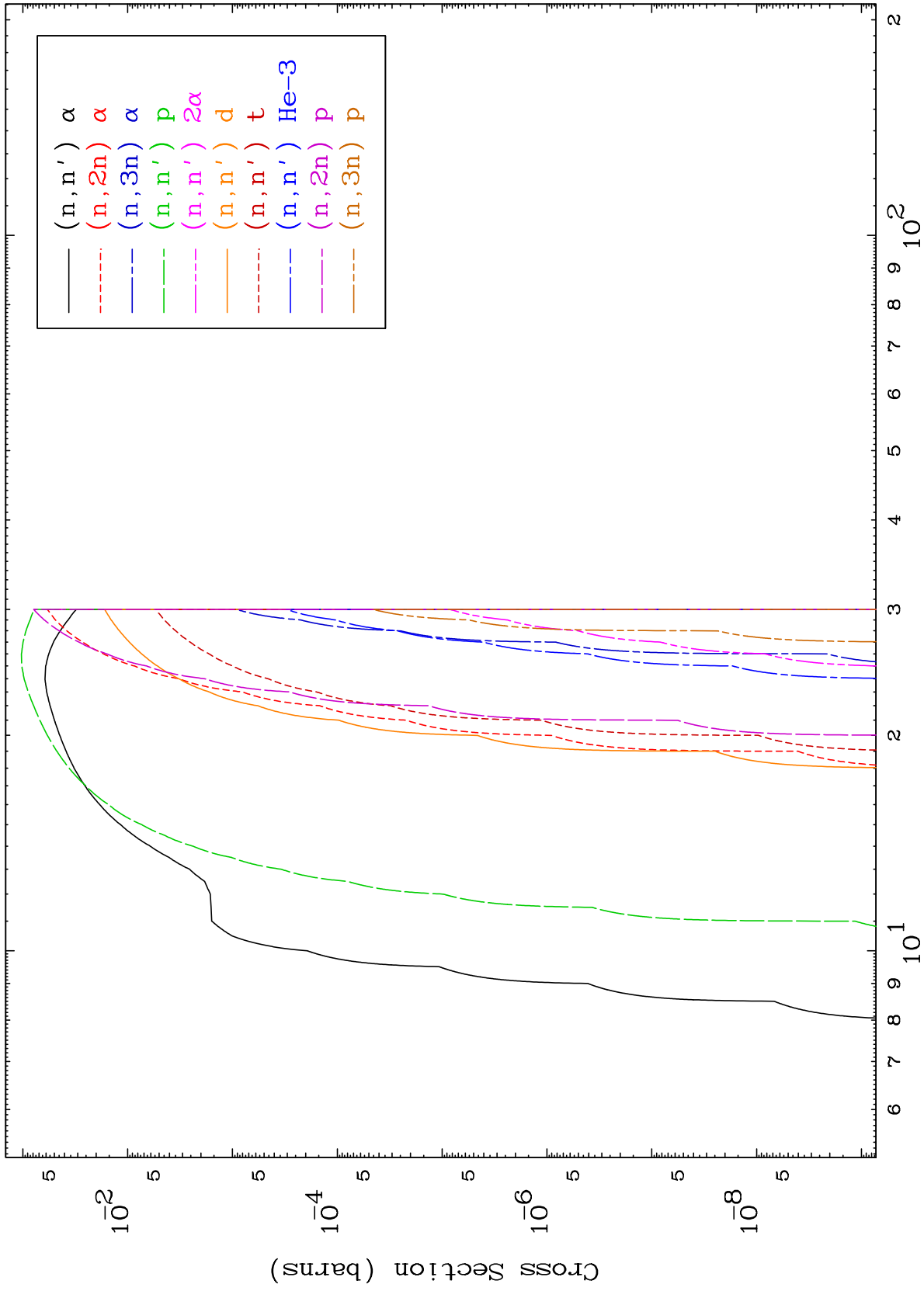
Incident Energy (MeV)

30-Zn-68

MAT 3037

Charged Particle
293 Kelvin Cross Sections

30-Zn-68



4

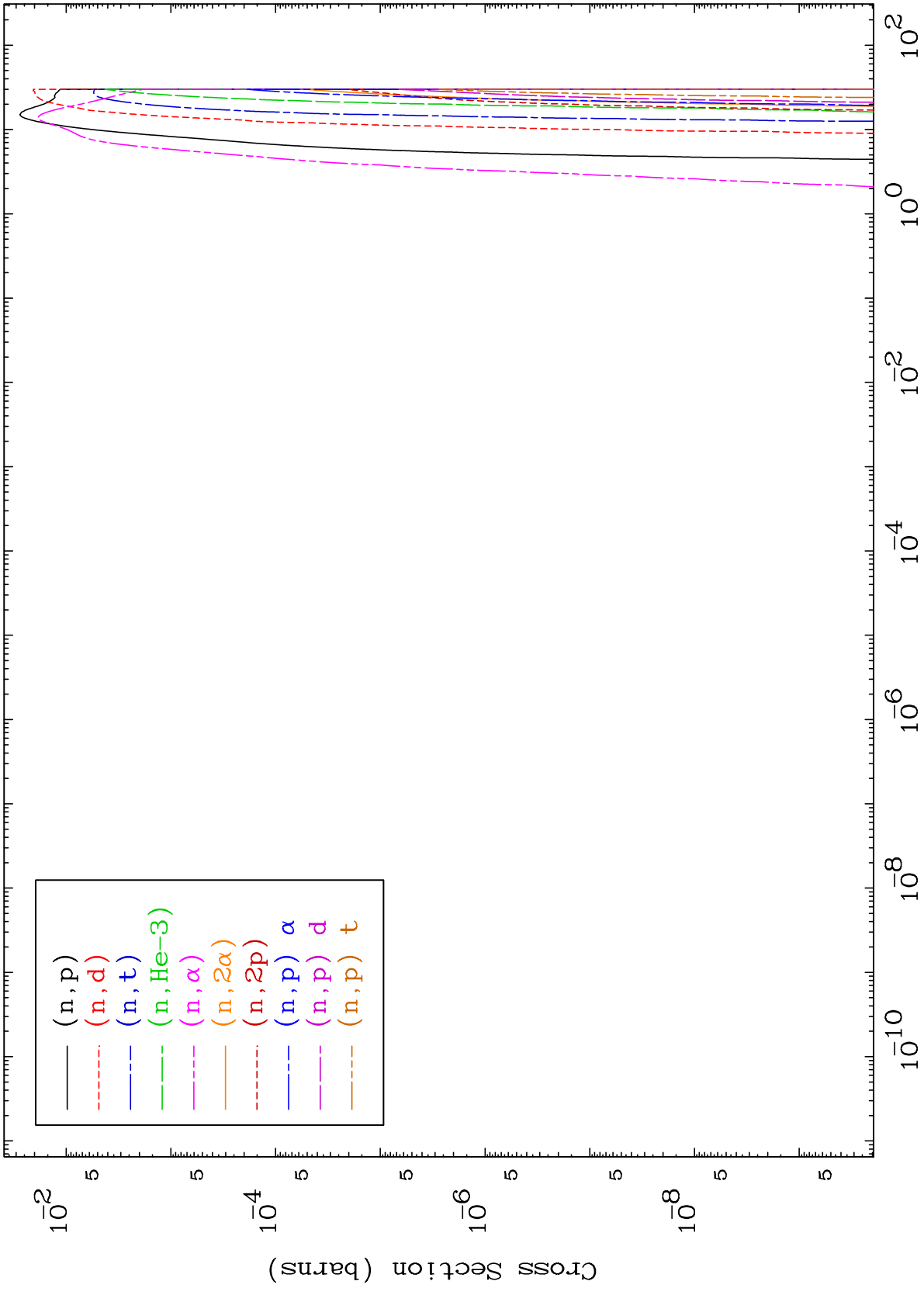
Incident Energy (MeV)

30-Zn-68

MAT 3037

Charged Particle
293 Kelvin Cross Sections

30-Zn-68



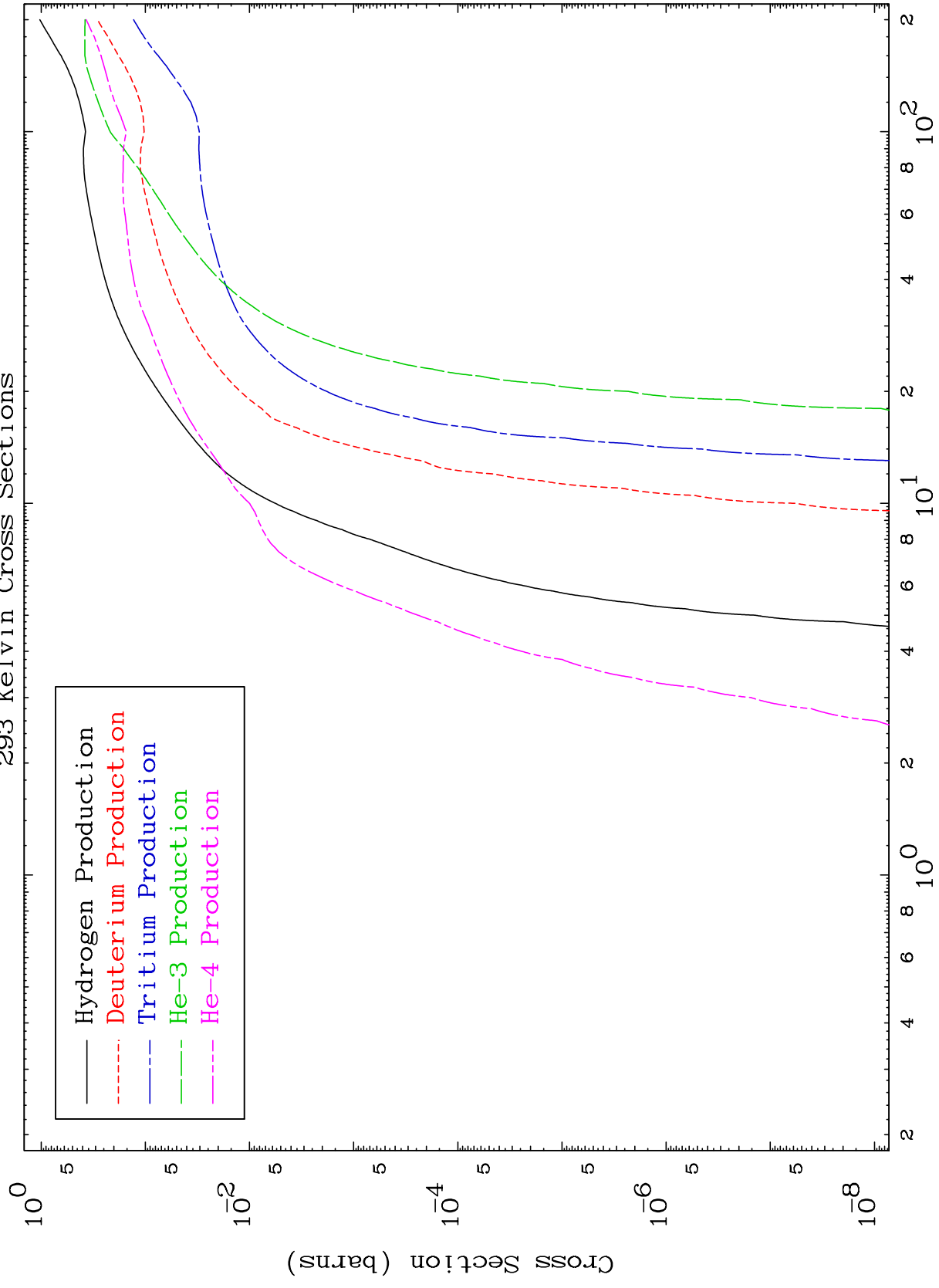
5

30-Zn-68

MAT 3037

Particle Production
293 Kelvin Cross Sections

30-Zn-68



6

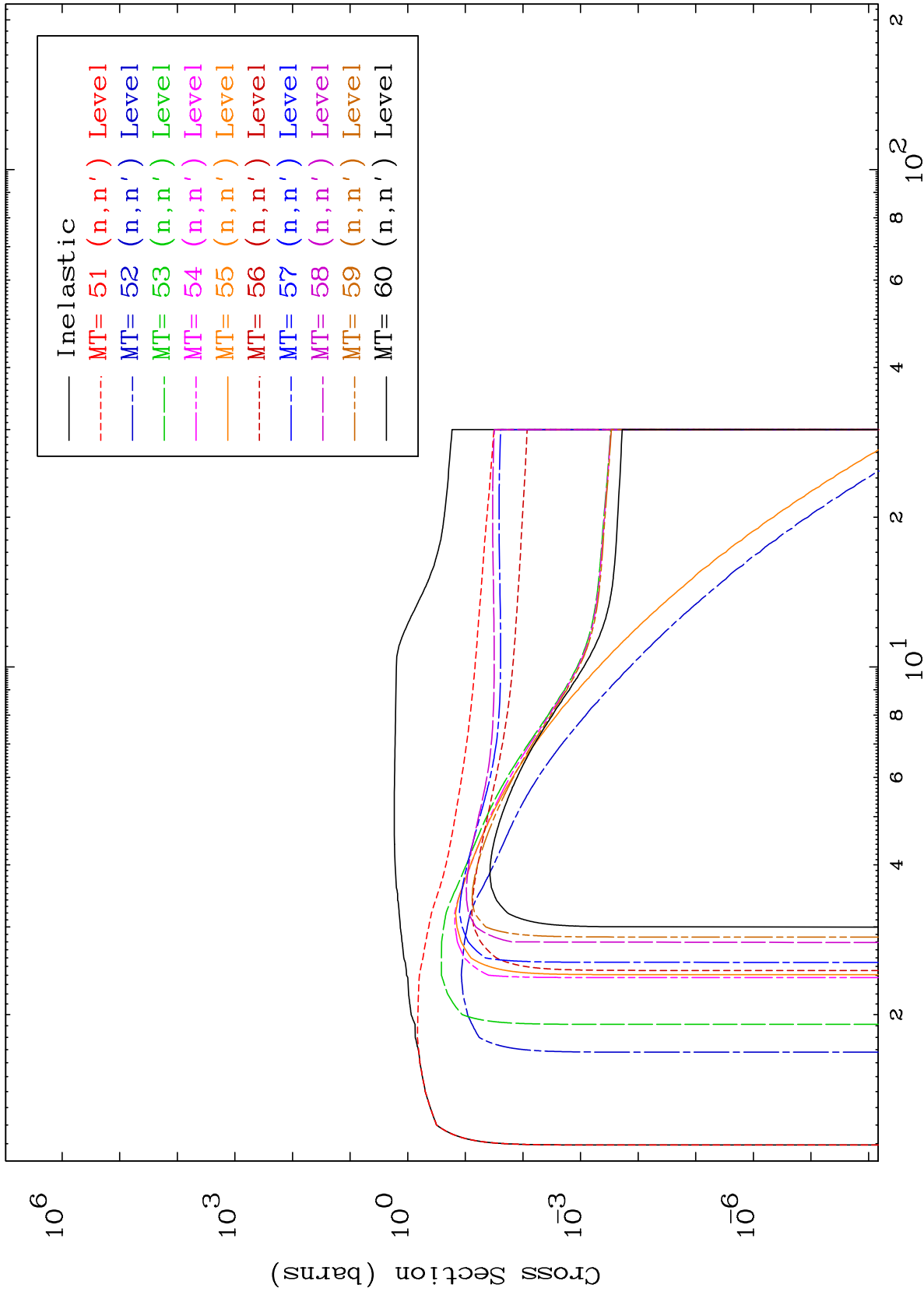
30-Zn-68

MAT 3037

(n,n') Level

30-Zn-68

293 Kelvin Cross Sections



7

Incident Energy (MeV)

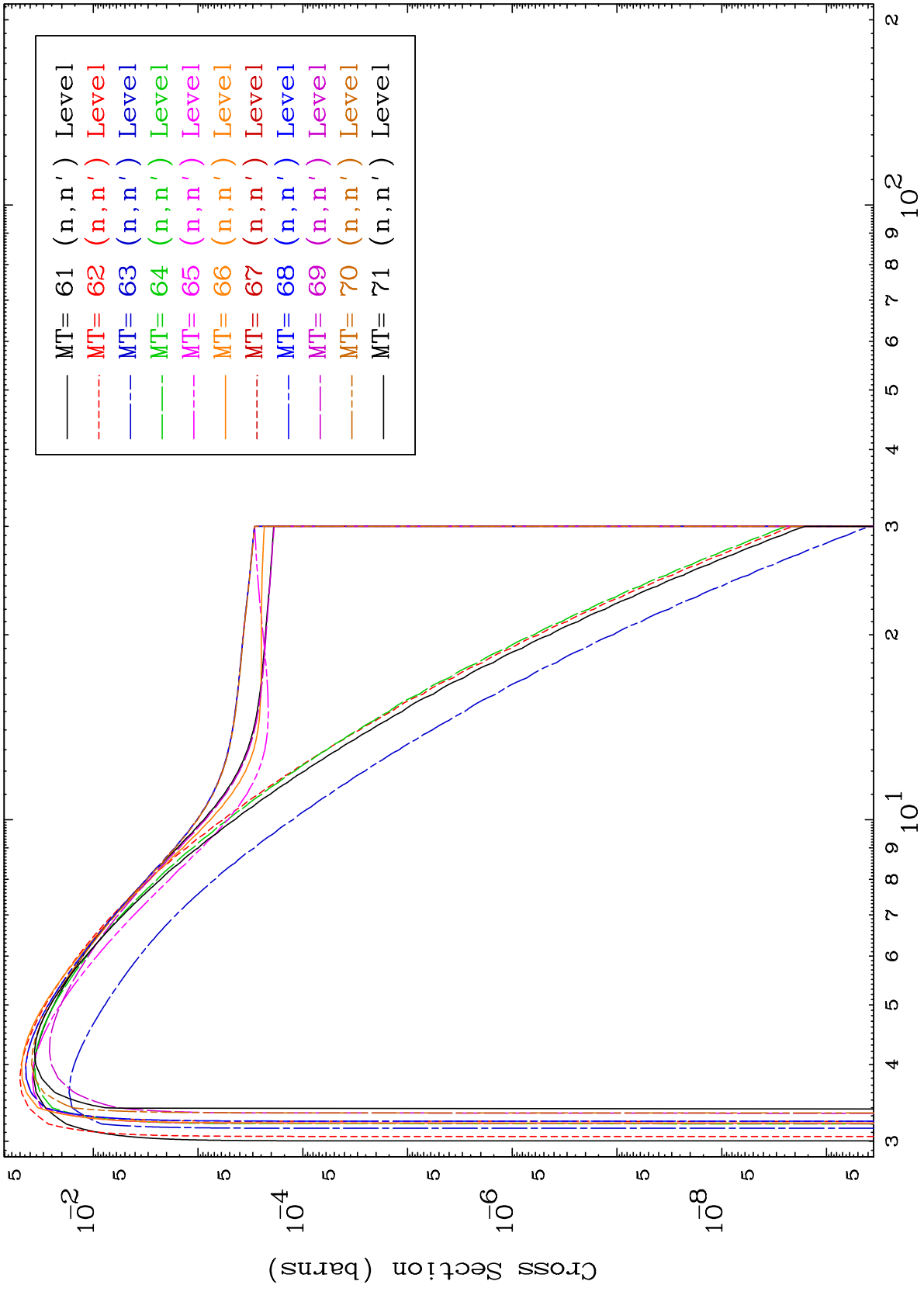
30-Zn-68

MAT 3037

(n,n') Level

30-Zn-68

293 Kelvin Cross Sections



8

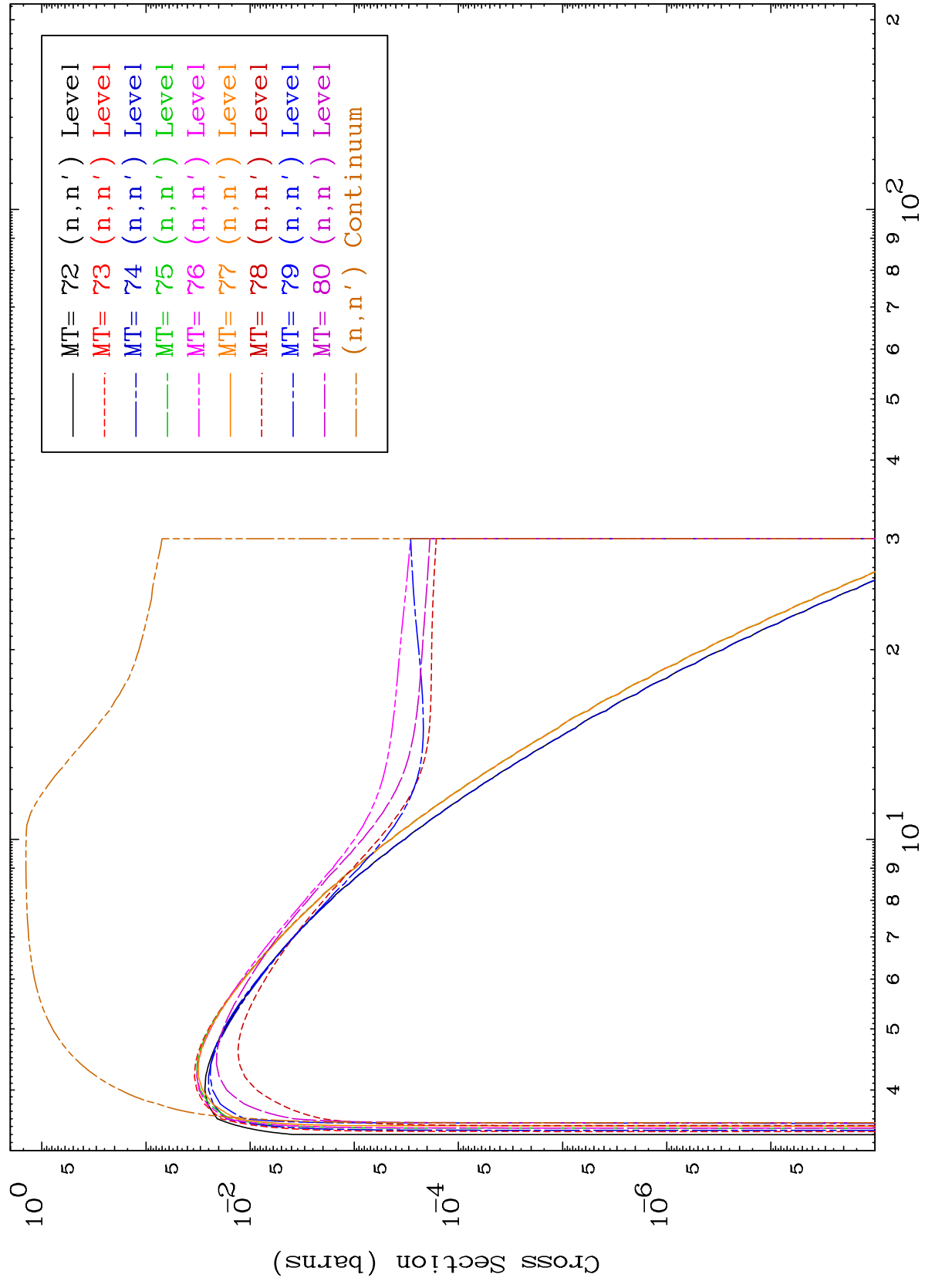
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,n') Level
293 Kelvin Cross Sections

30-Zn-68



9

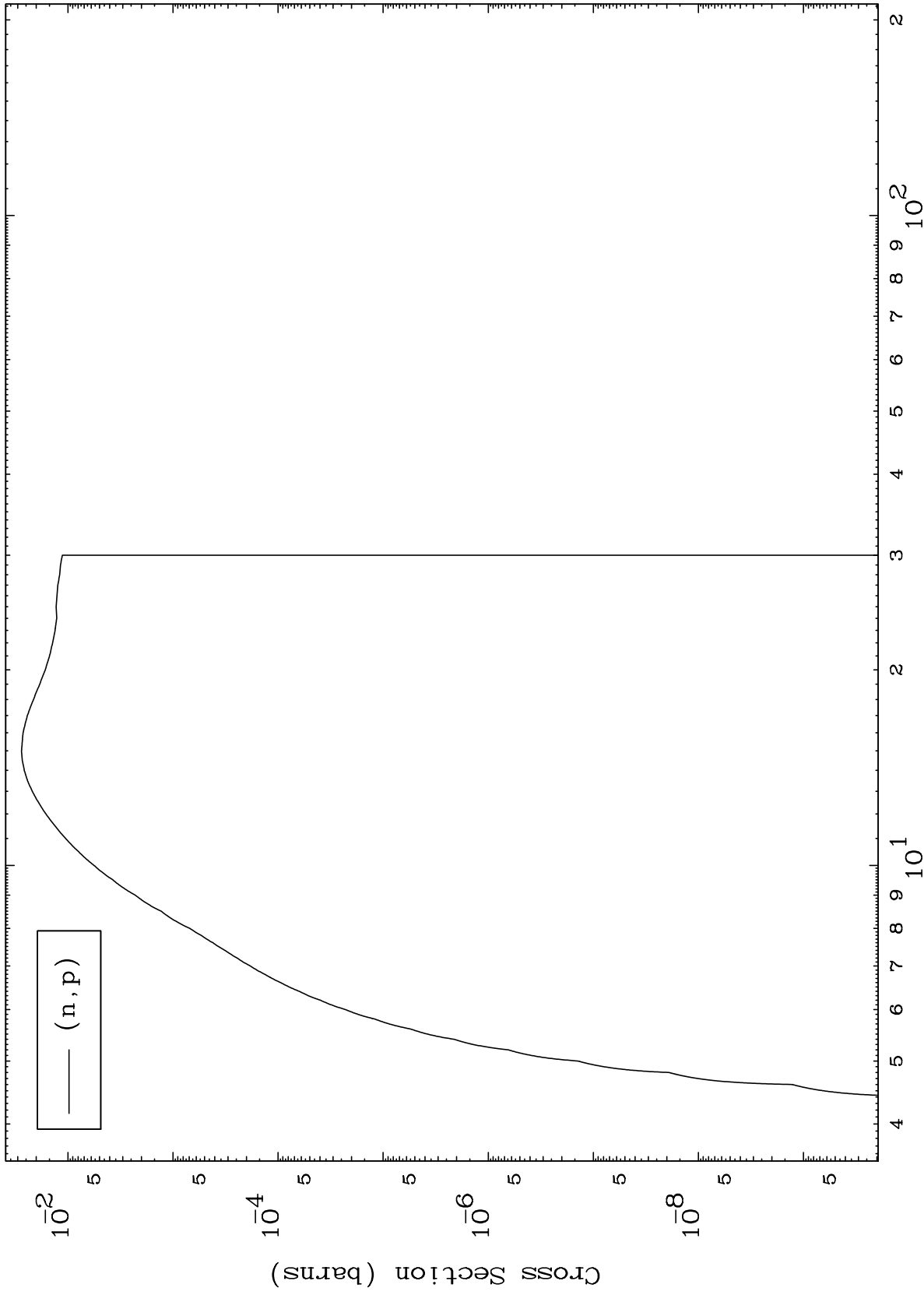
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-68



10

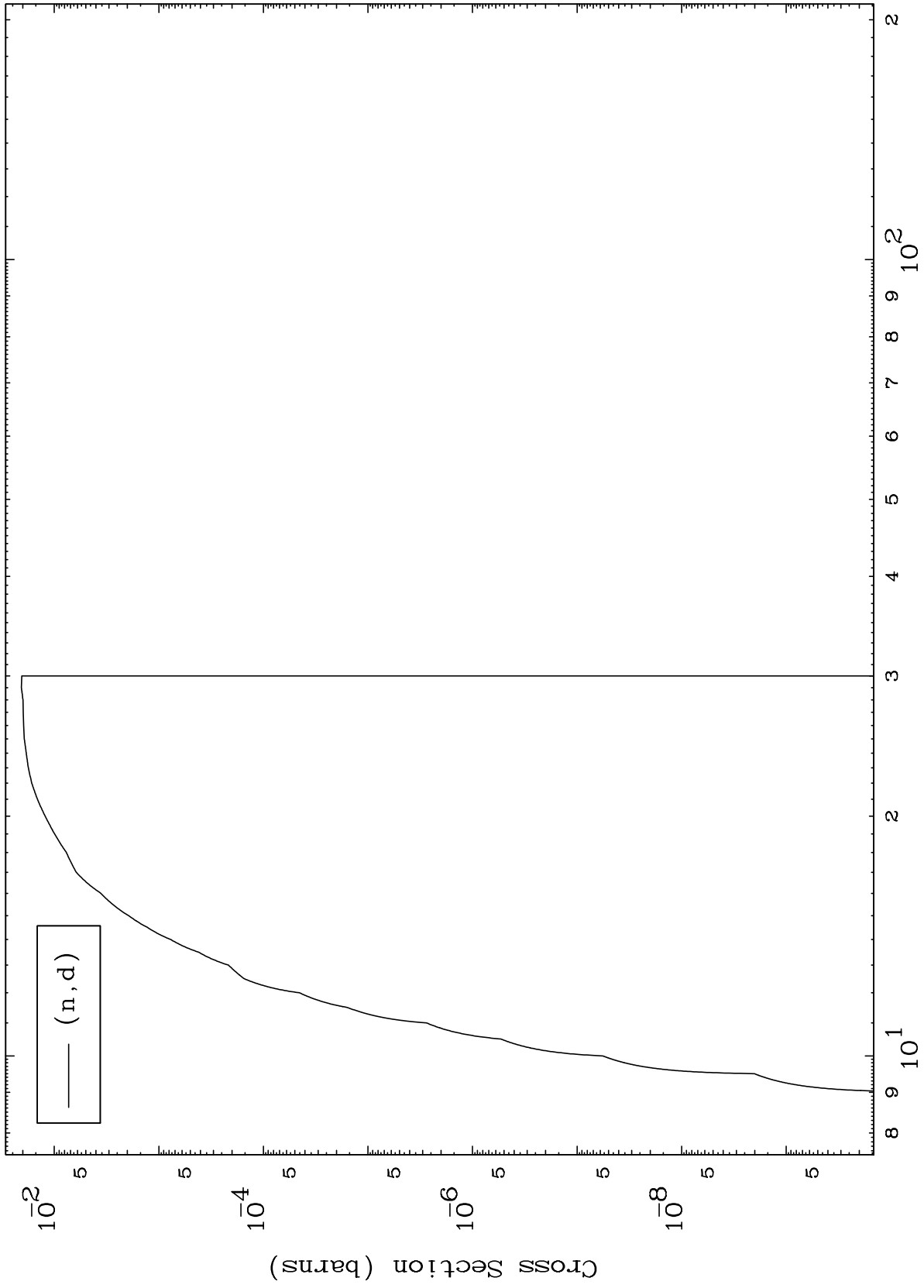
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,d) Levels
293 Kelvin Cross Sections

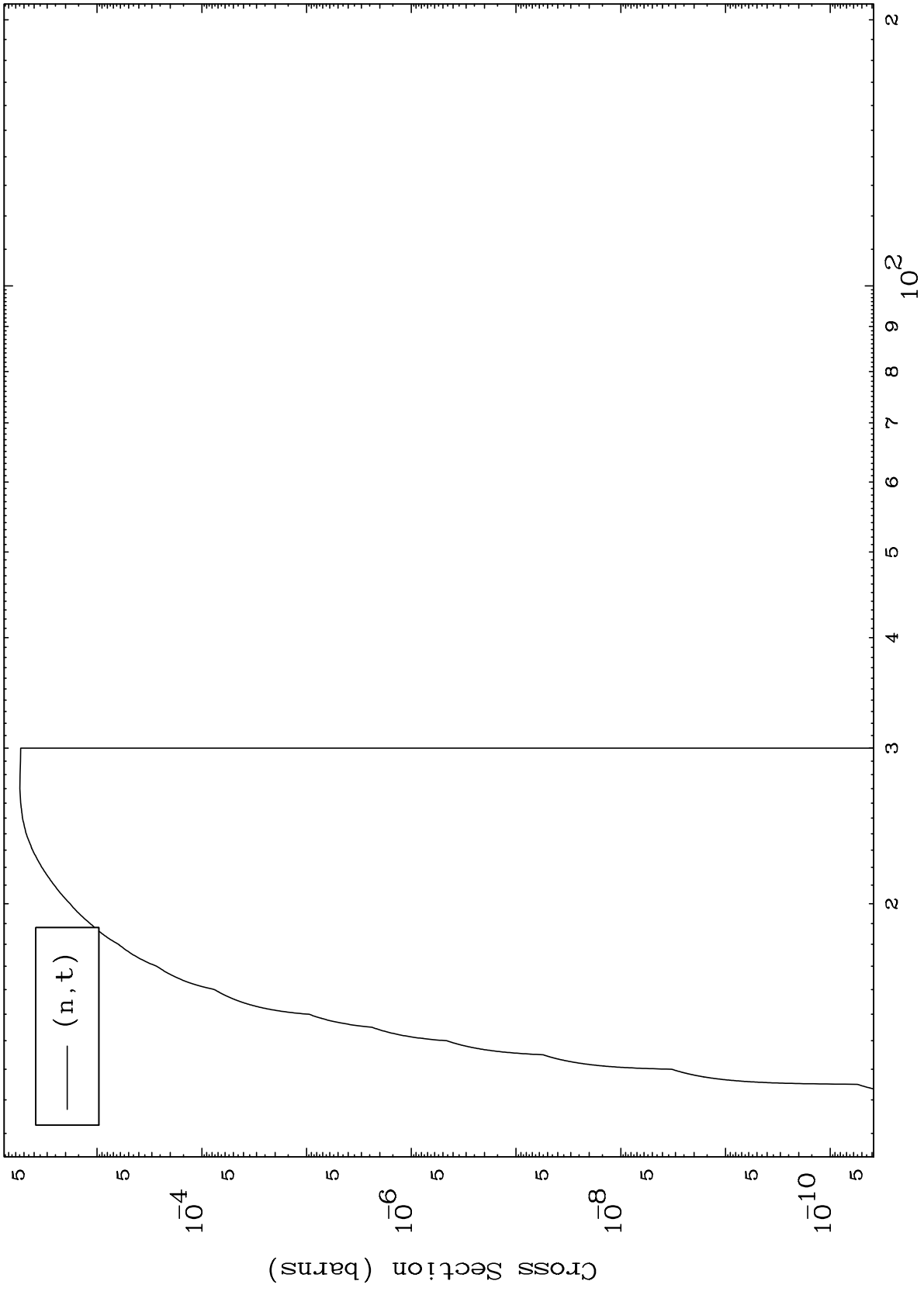
30-Zn-68



MAT 3037

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-68



12

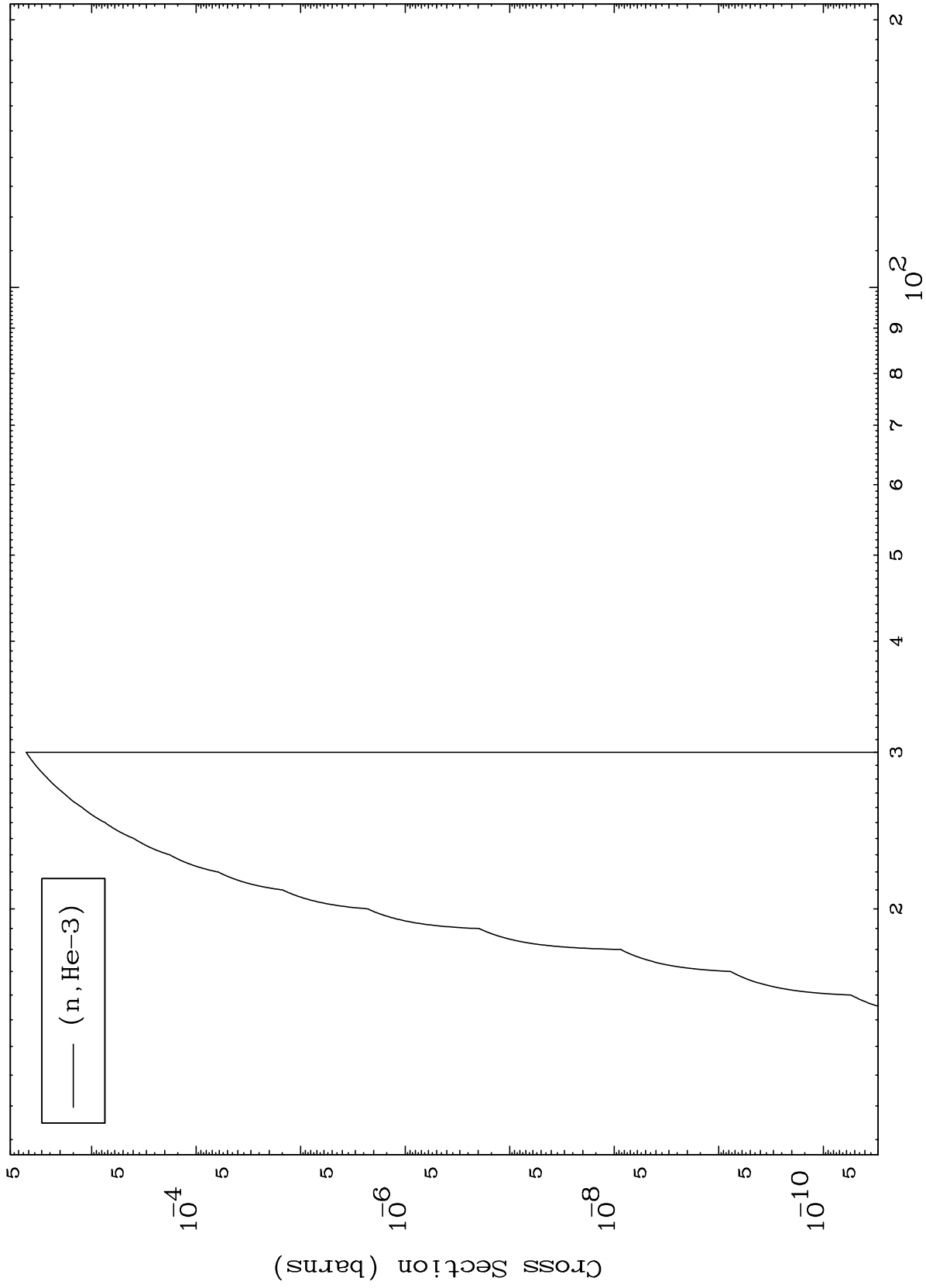
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-68



13

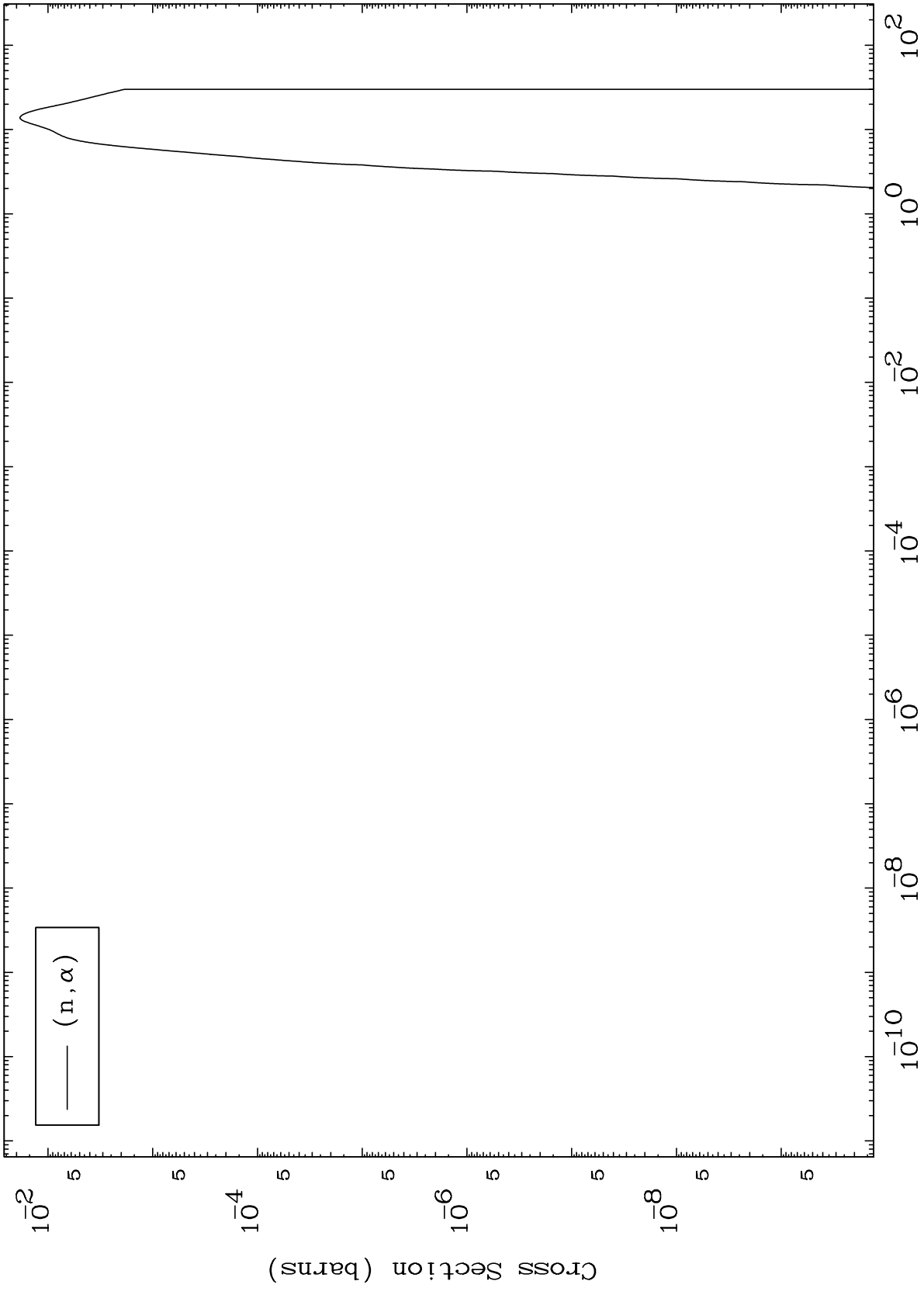
Incident Energy (MeV)

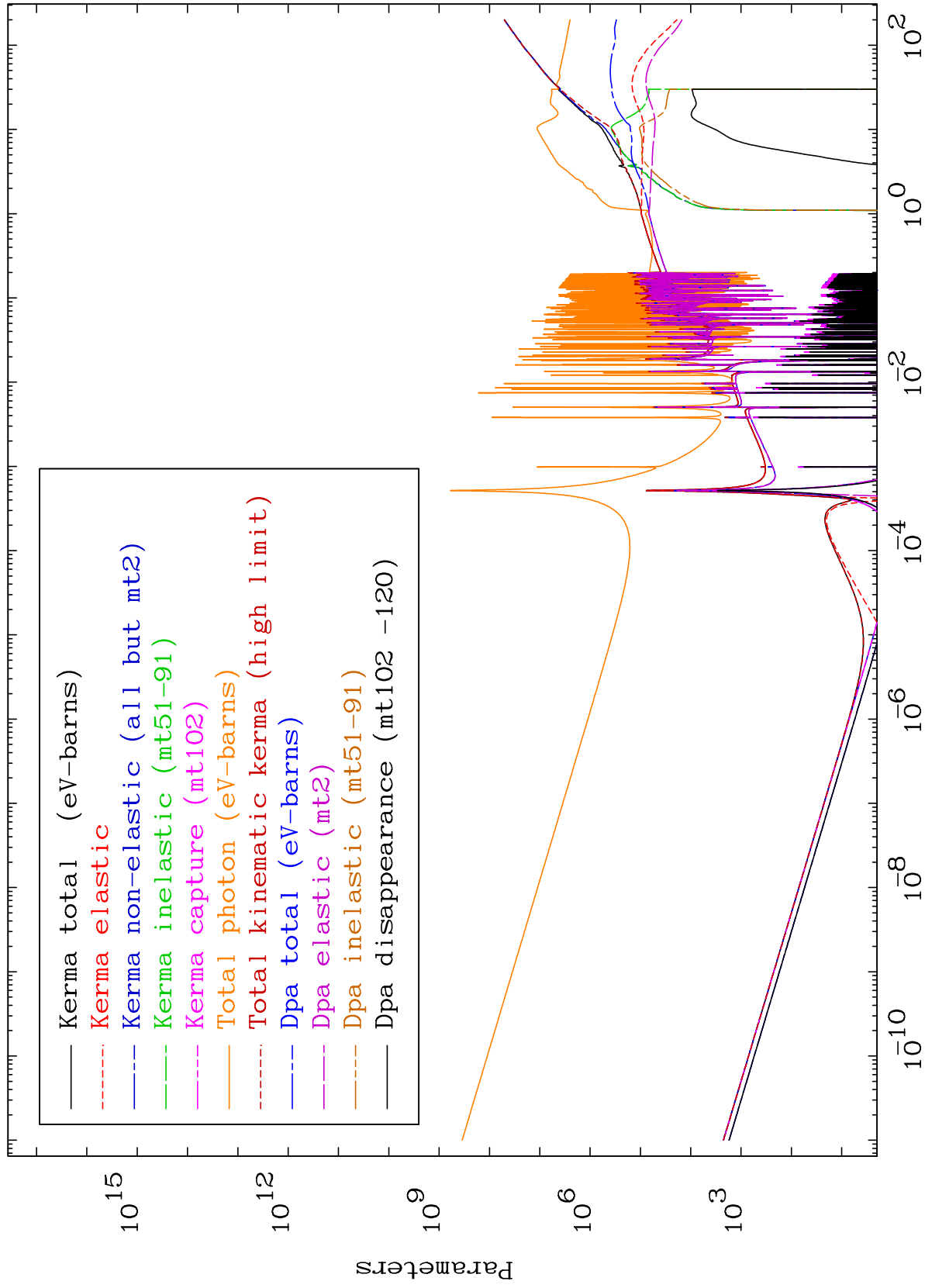
30-Zn-68

MAT 3037

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-68

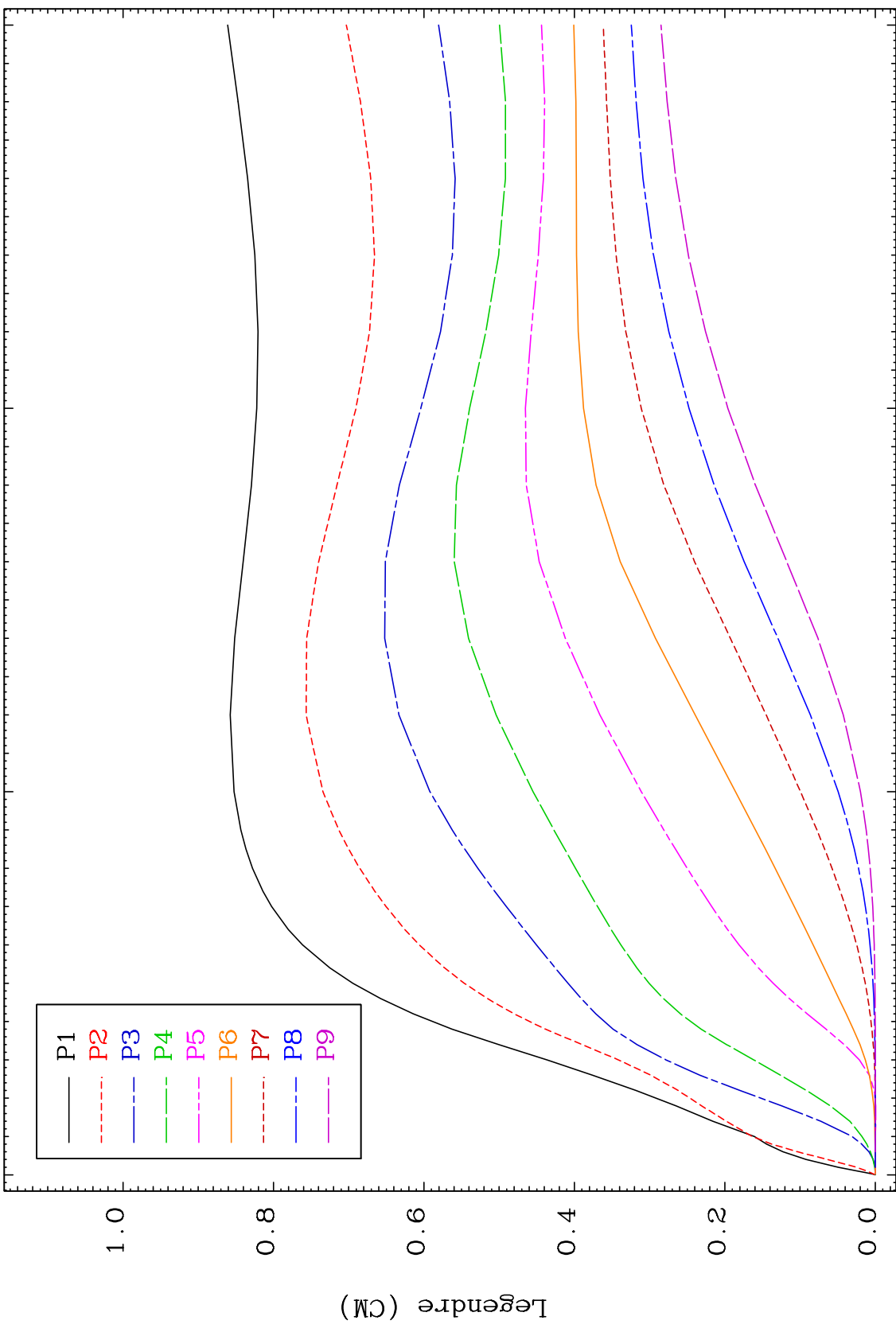




MAT 3037

Elastic Legendre Coefficients

30-Zn-68



16

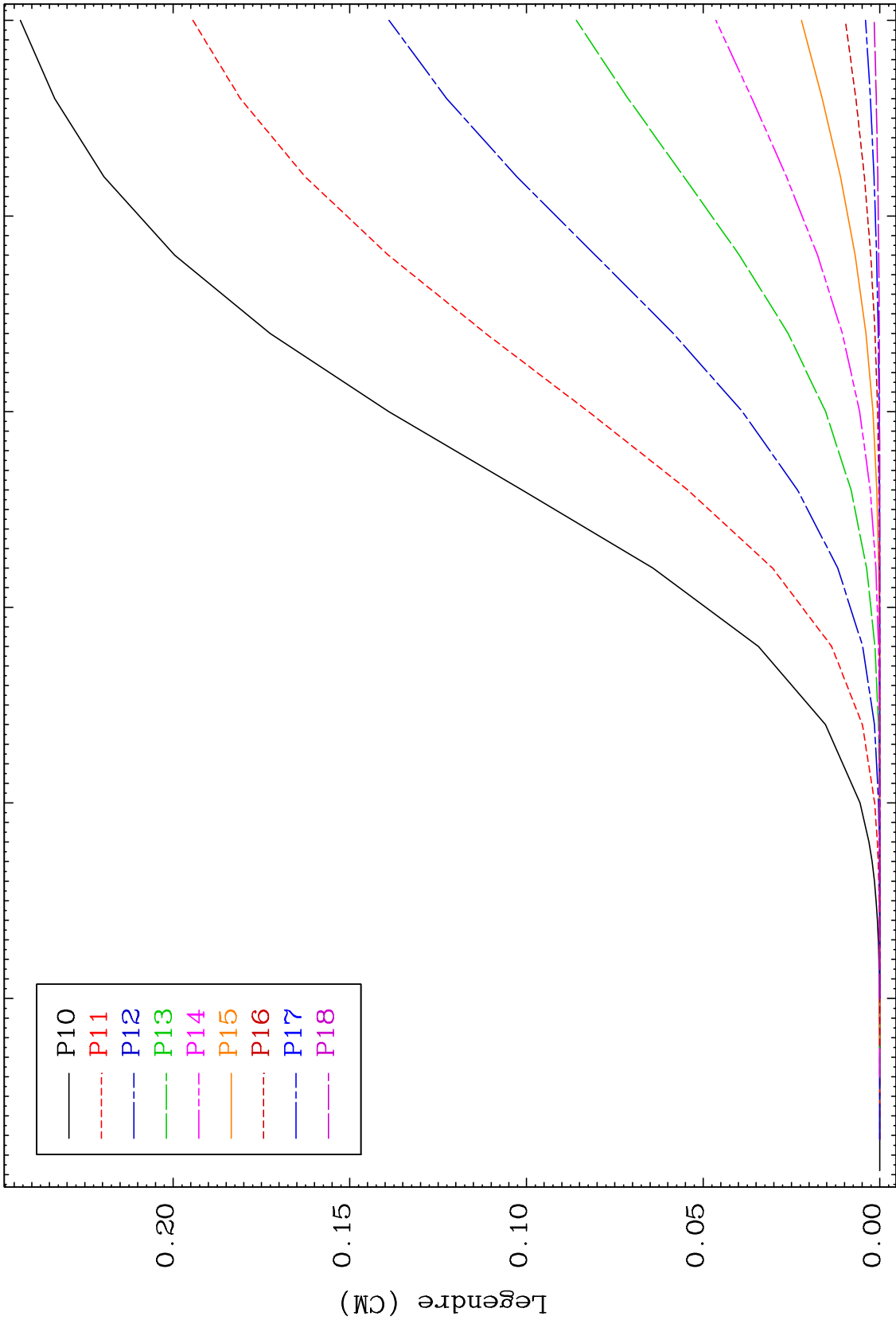
Incident Energy (MeV)

30-Zn-68

MAT 3037

Elastic Legendre Coefficients

30-Zn-68



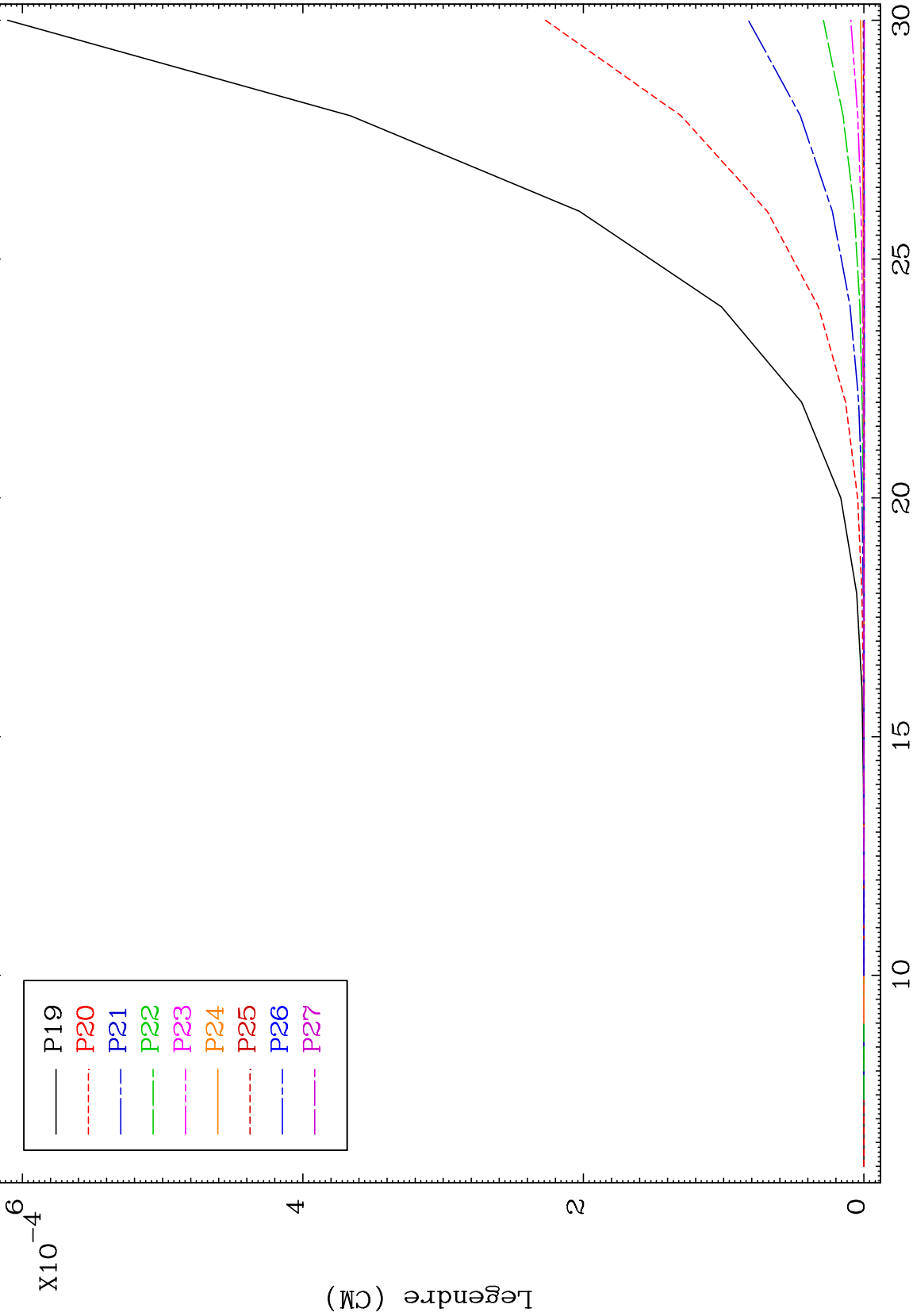
17

30-Zn-68

MAT 3037

Elastic Legendre Coefficients

30-Zn-68



18

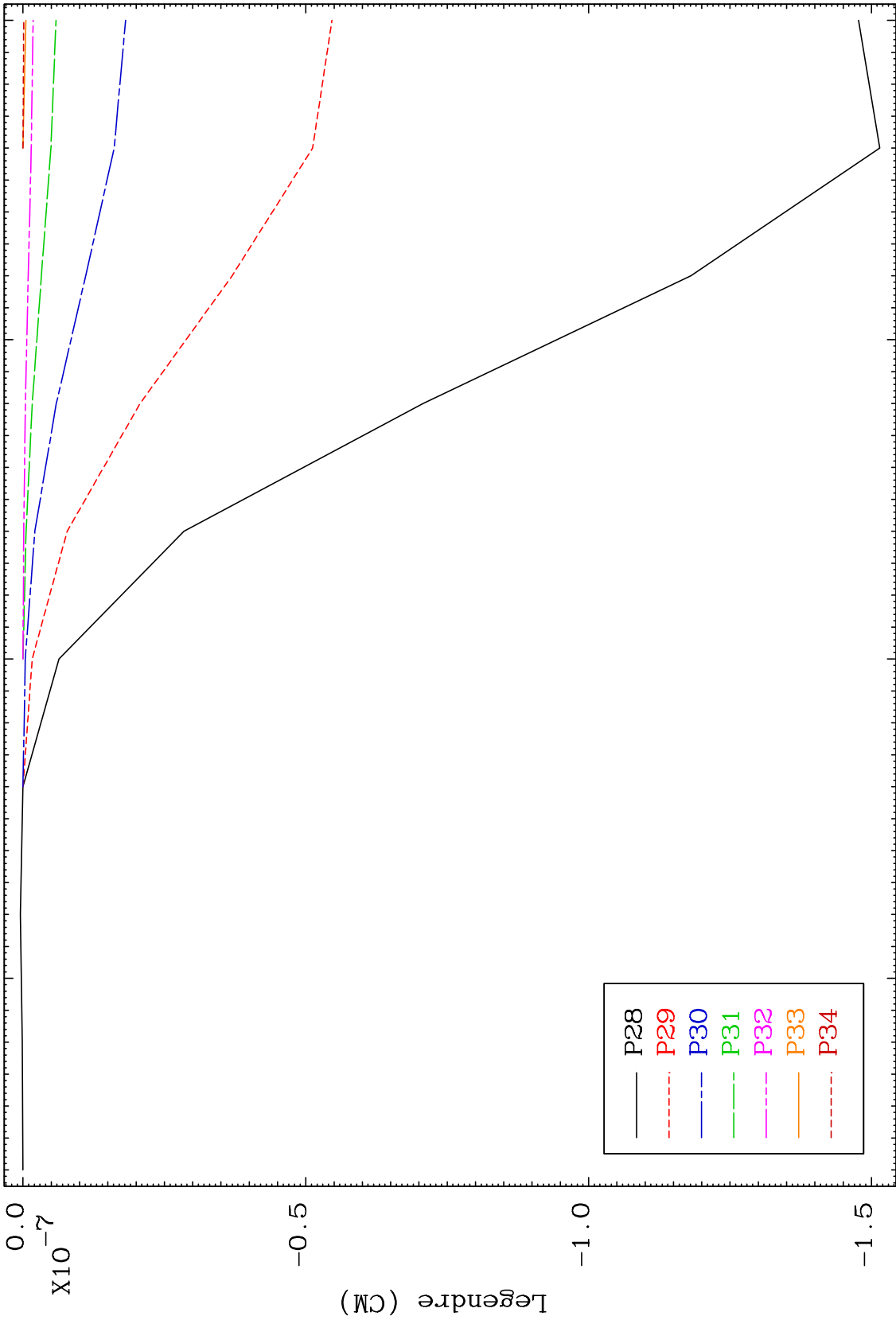
Incident Energy (MeV)

30-Zn-68

MAT 3037

Elastic Legendre Coefficients

30-Zn-68



19

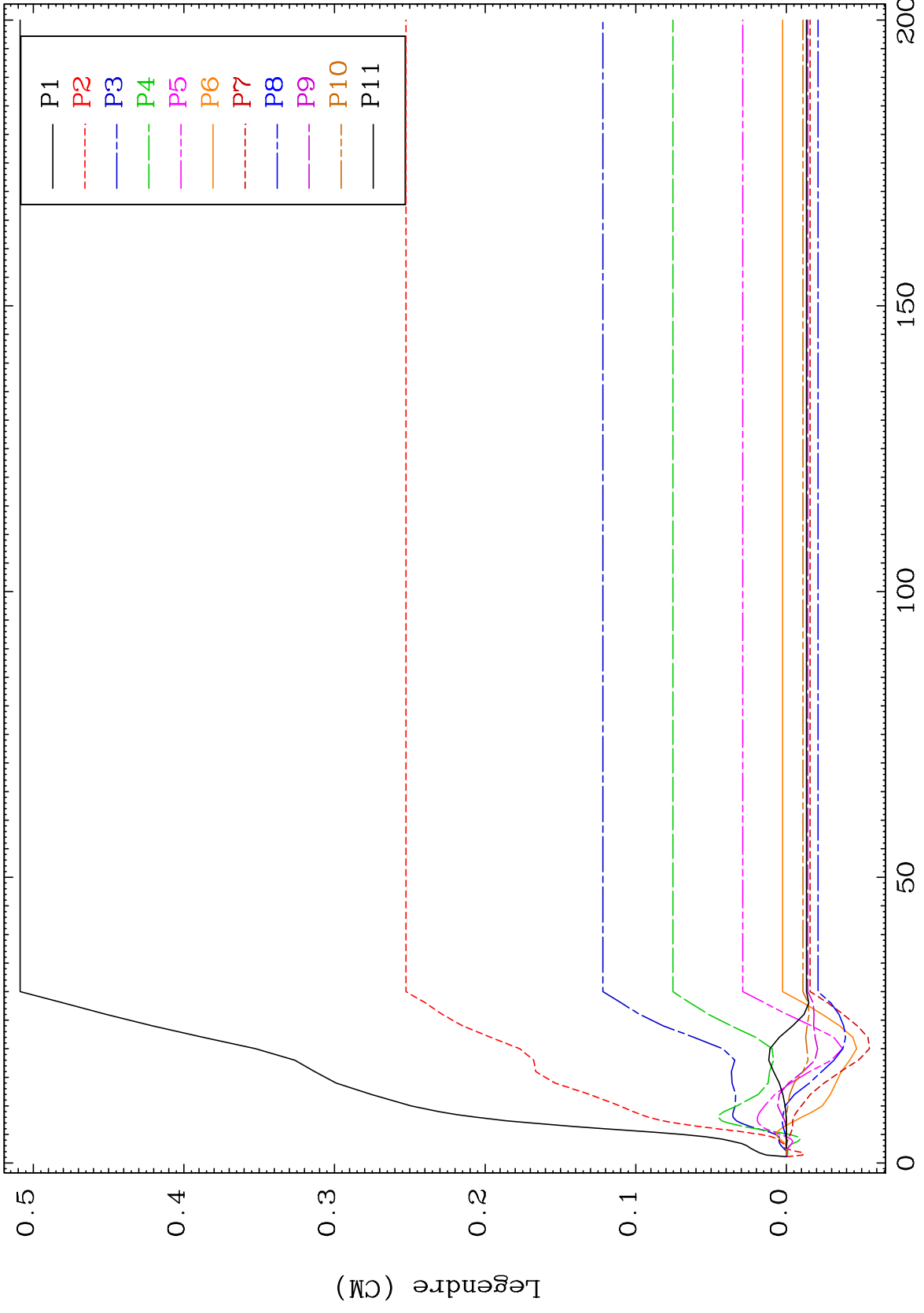
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



20

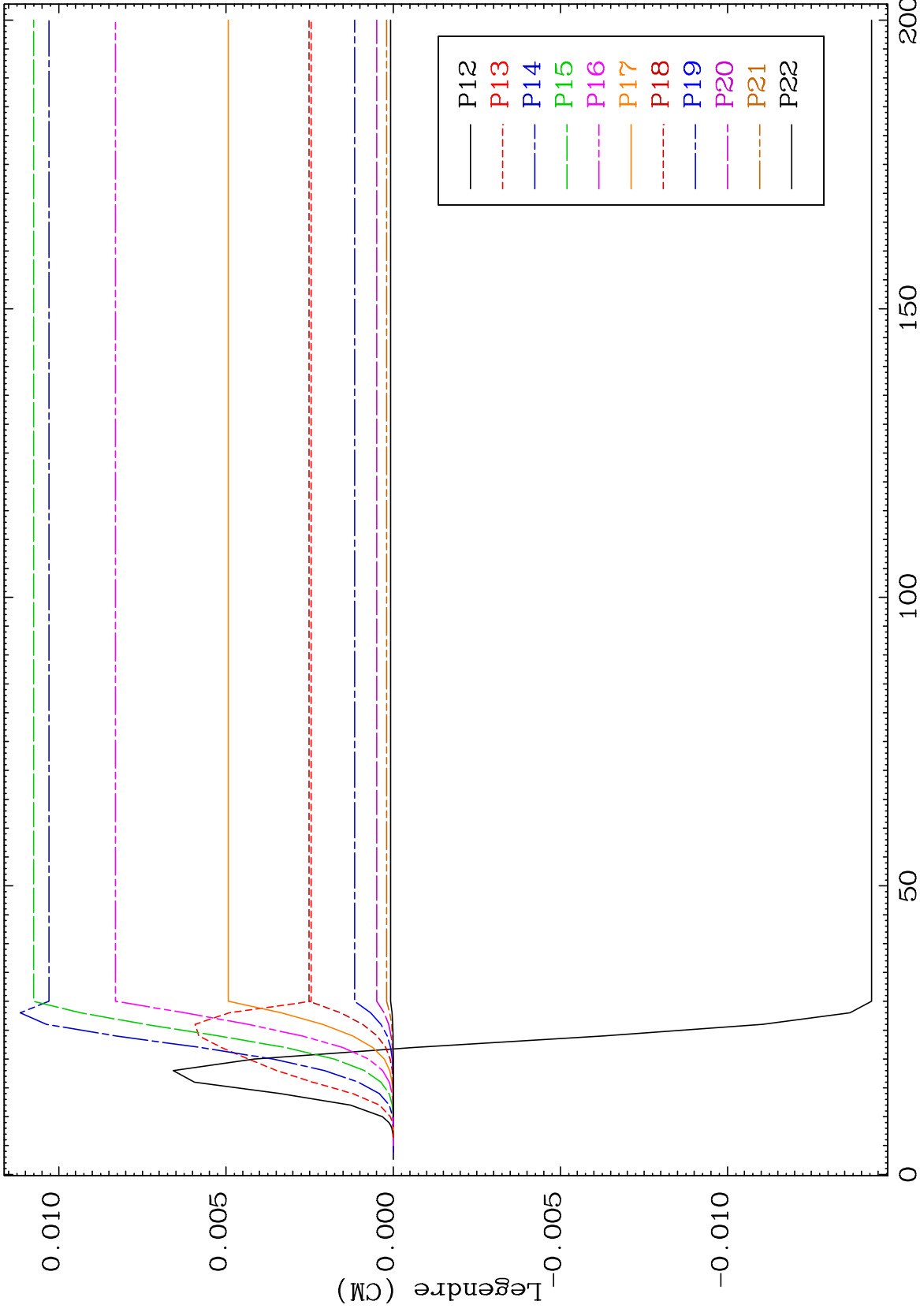
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



21

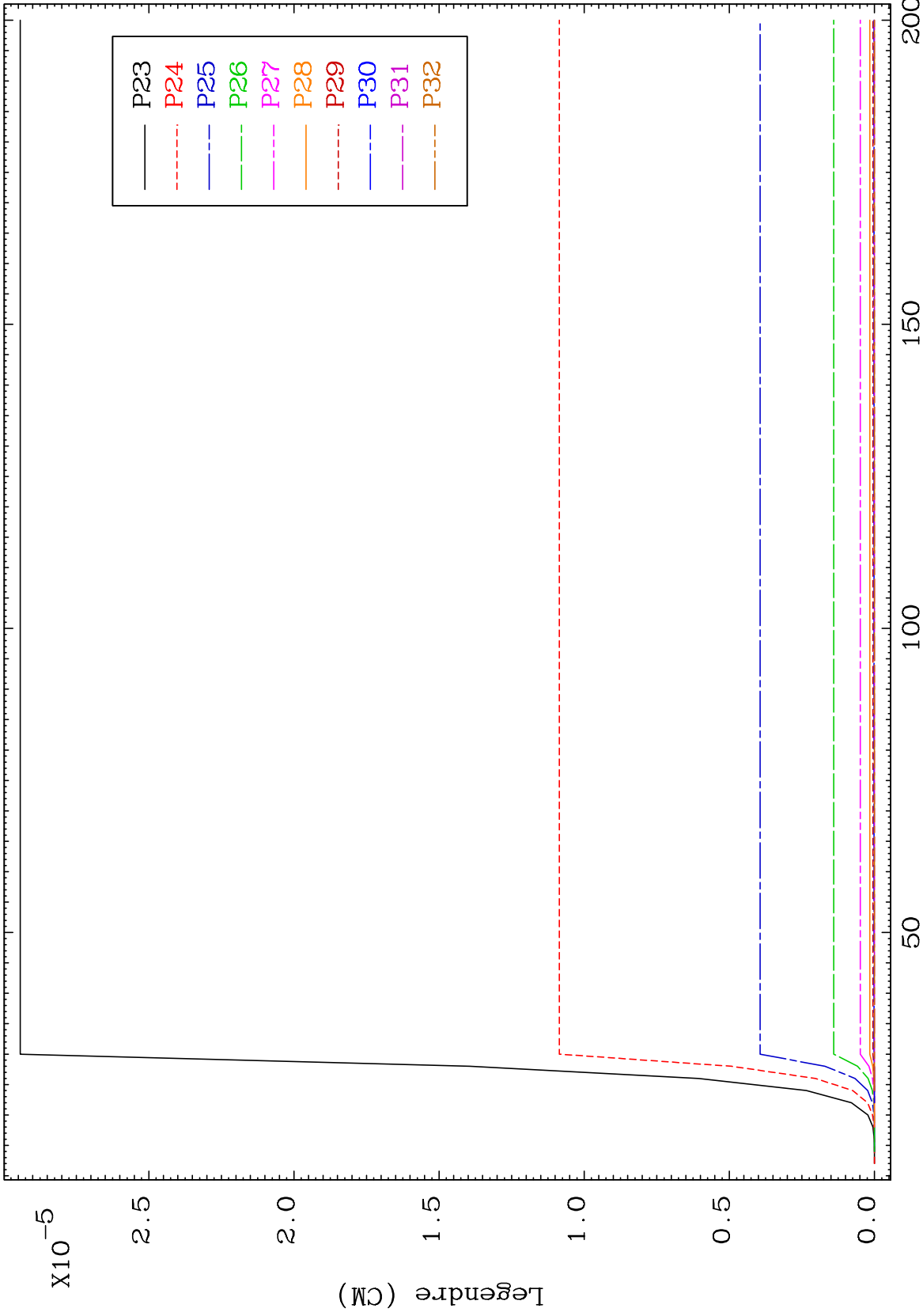
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



22

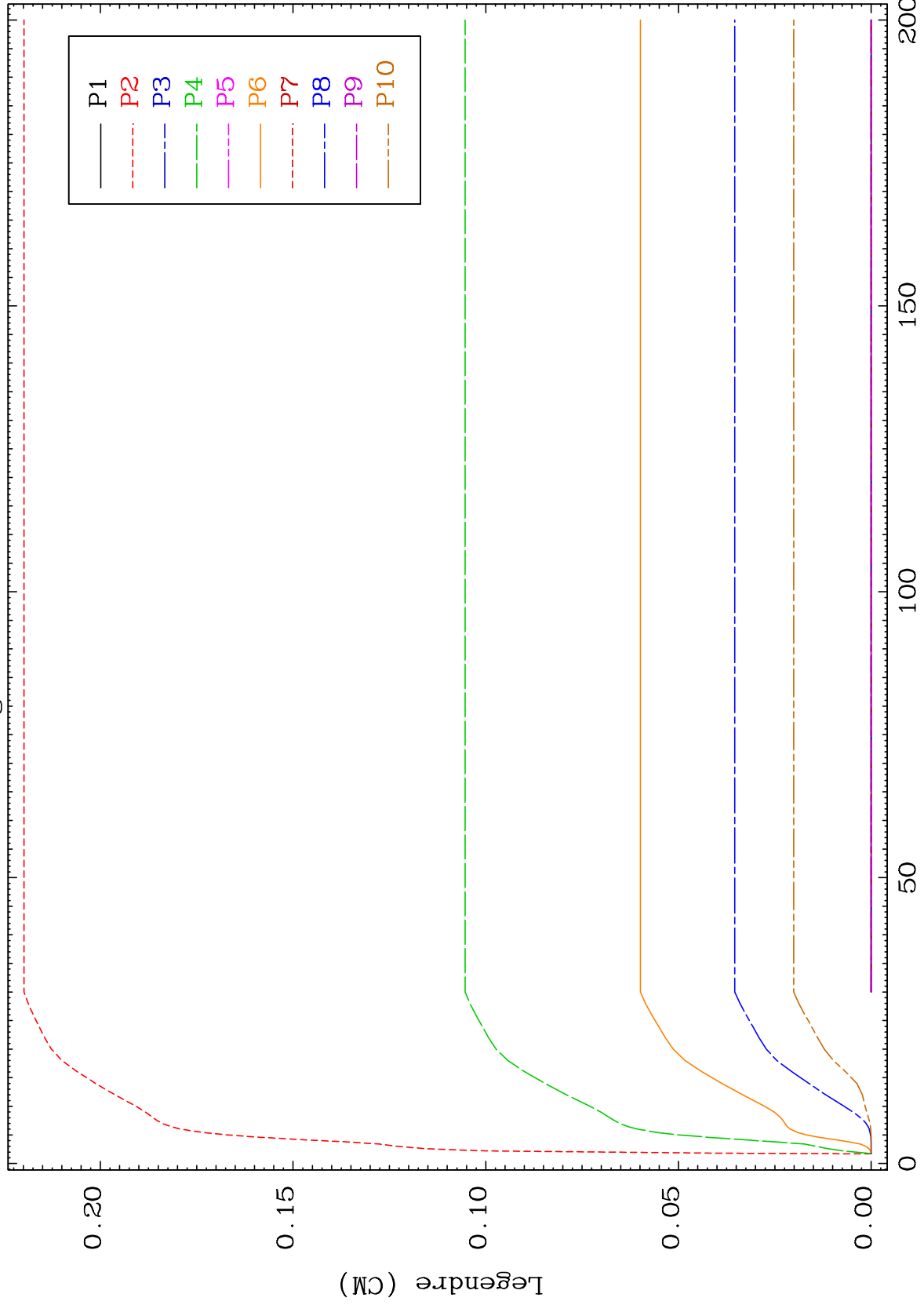
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

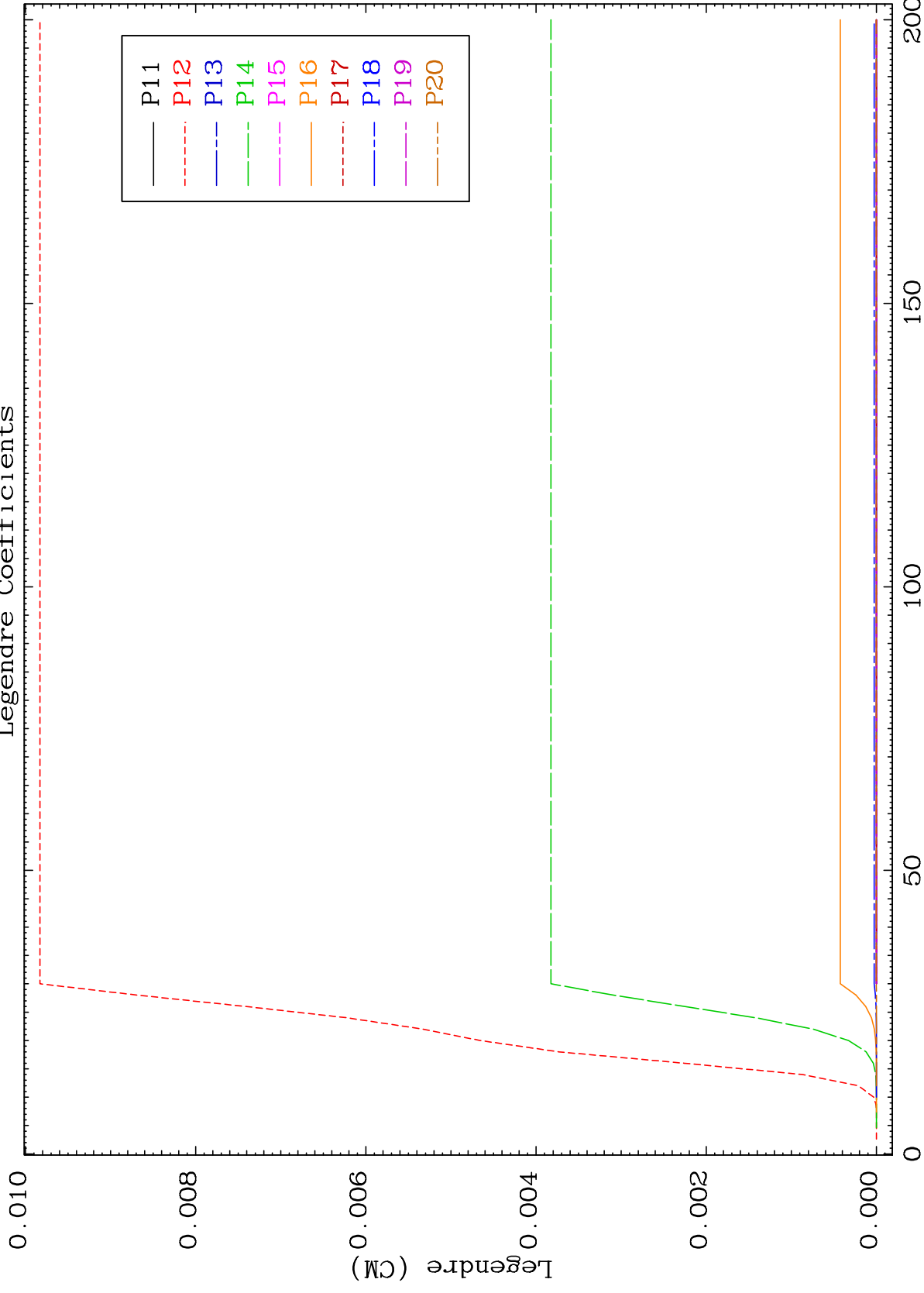


23

Incident Energy (MeV)

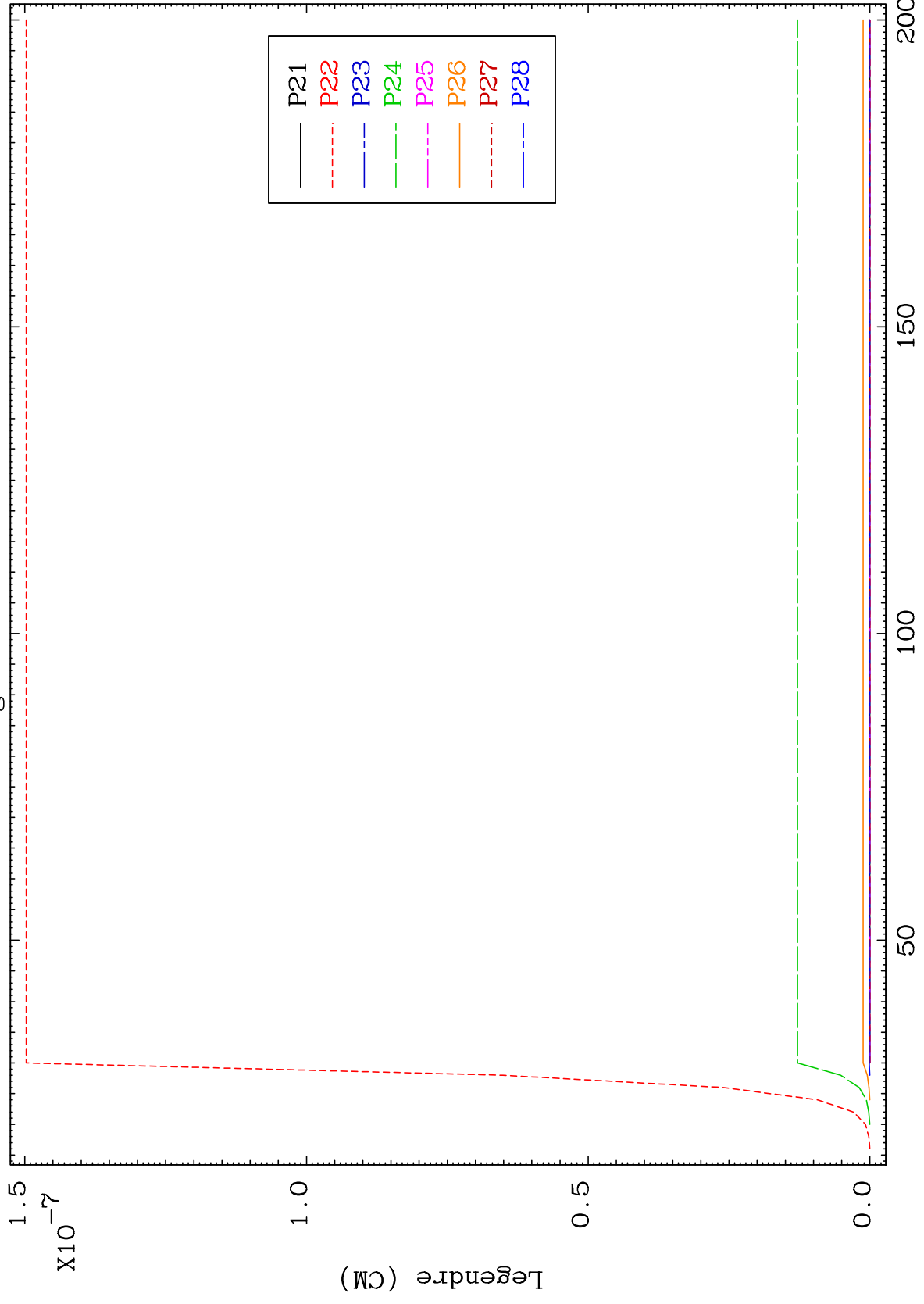
30-Zn-68

MAT 3037 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-68



24 30-Zn-68

MAT 3037 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-68



30-Zn-68

Incident Energy (MeV)

25

50

100

150

200

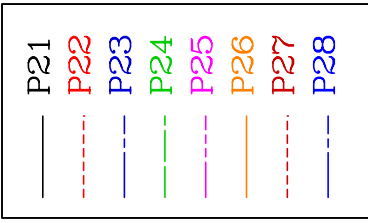
Legendre (CM)

1.5×10^{-7}

1.0

0.5

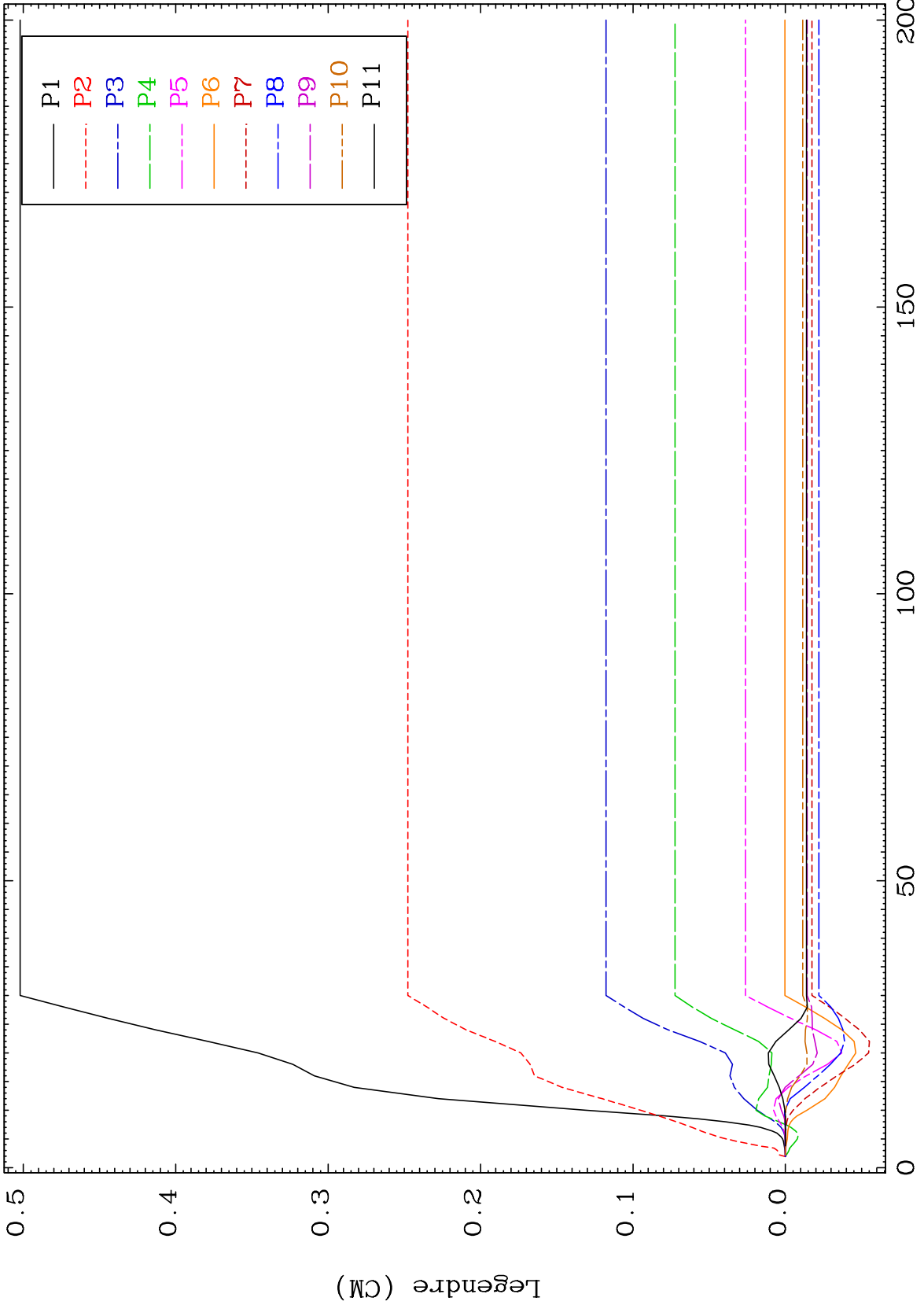
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MAT 3037

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

30-Zn-68

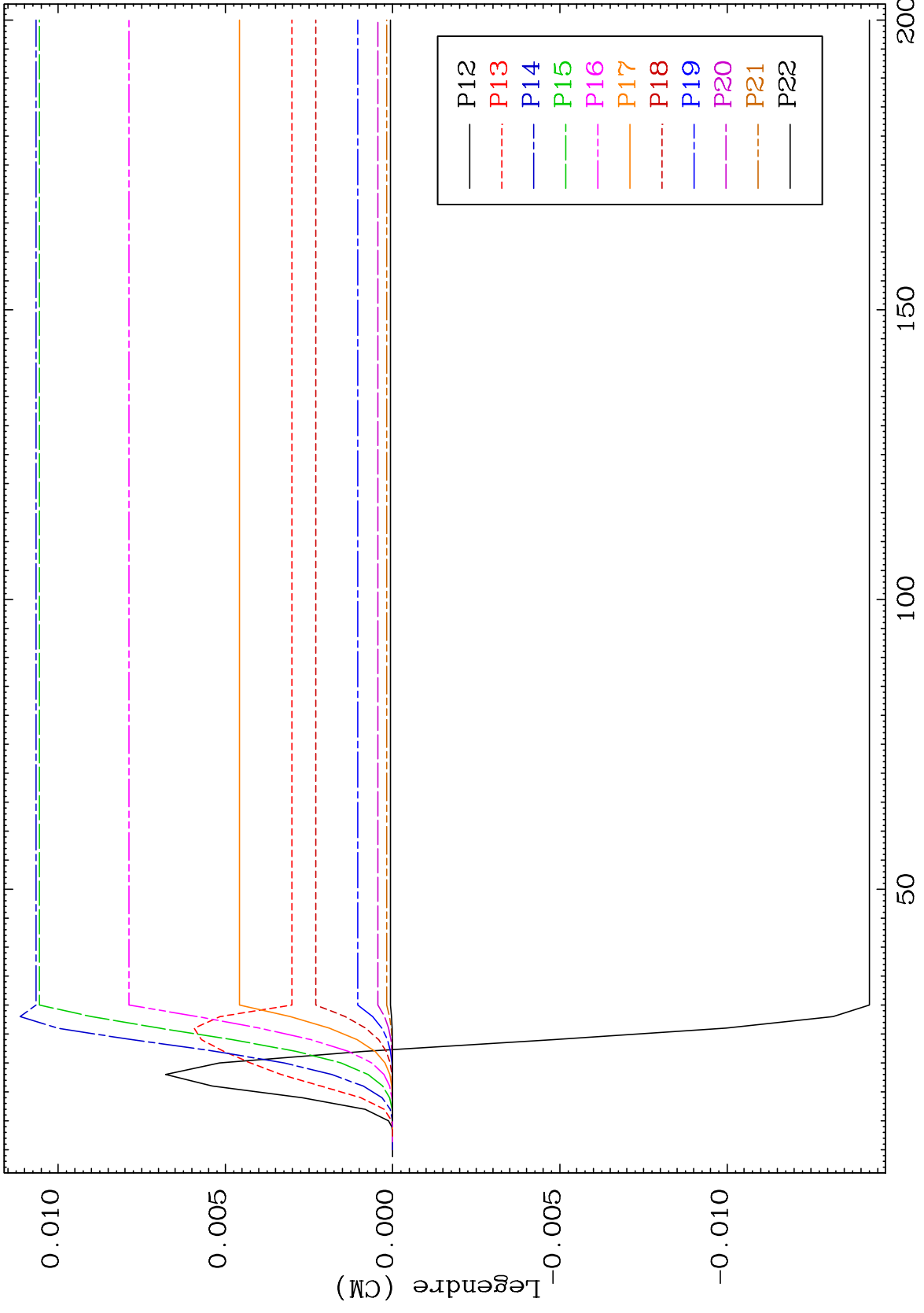


26

Incident Energy (MeV)

30-Zn-68

MAT 3037 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-68

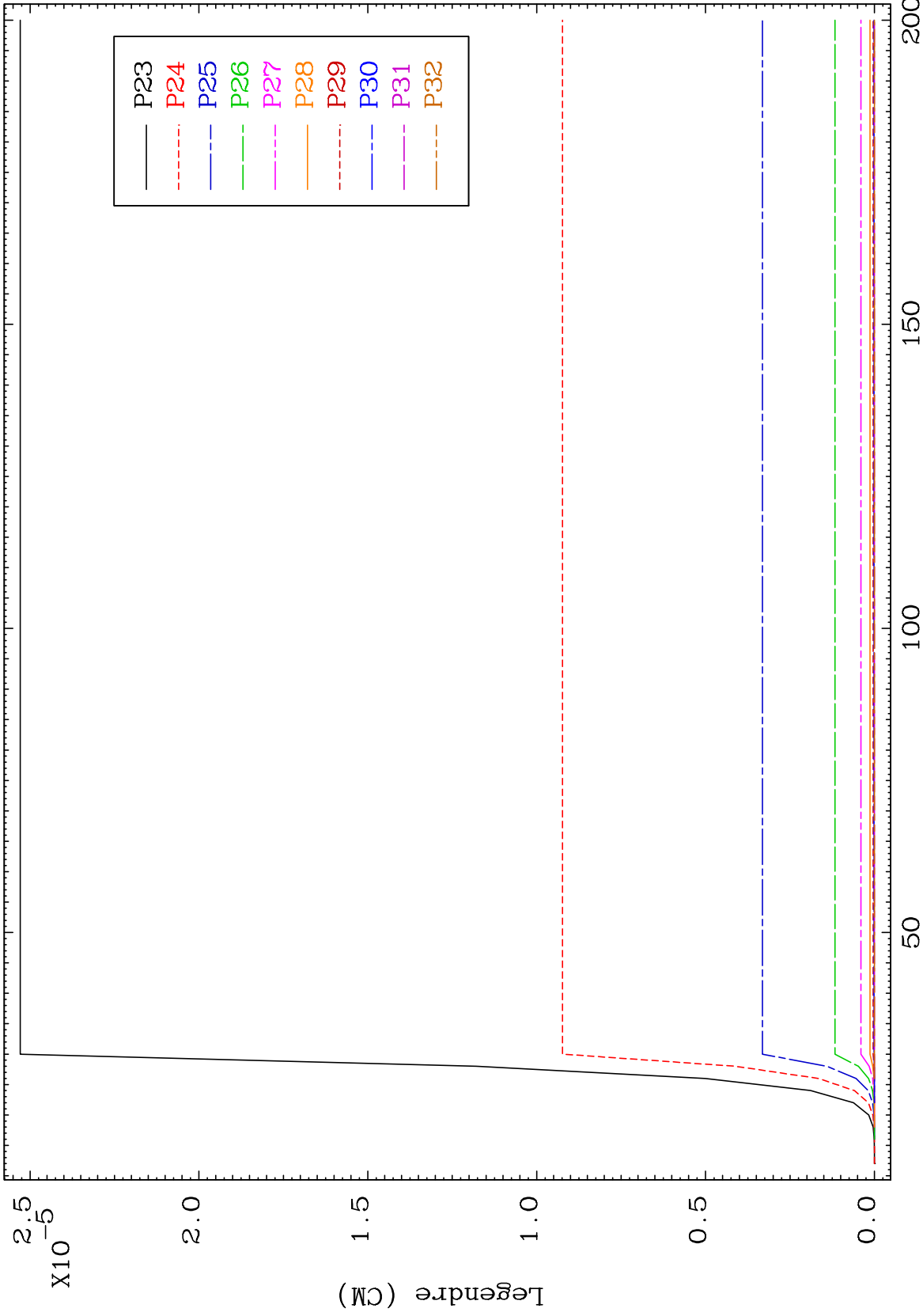


27 30-Zn-68

MAT 3037

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

30-Zn-68

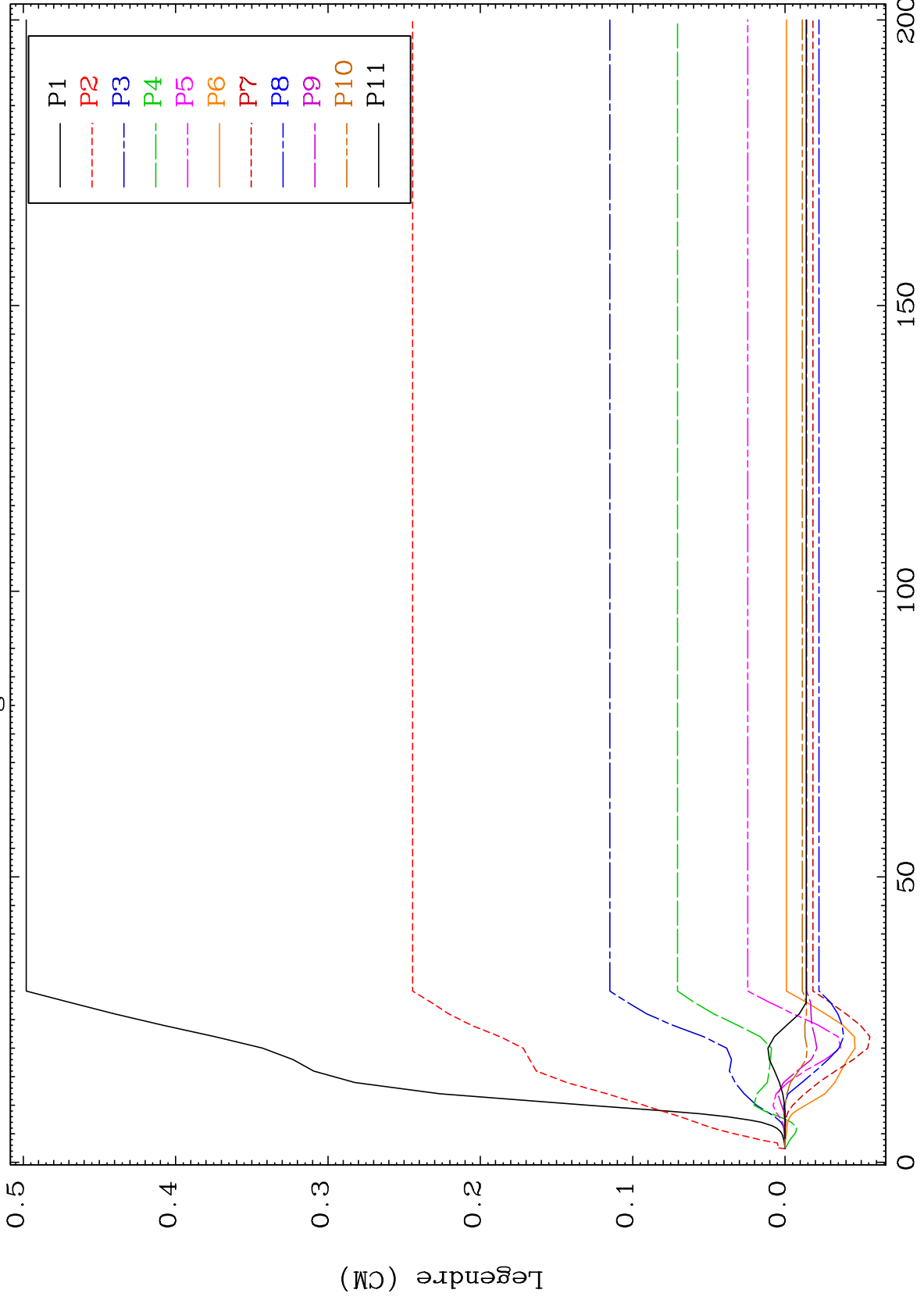


28

Incident Energy (MeV)

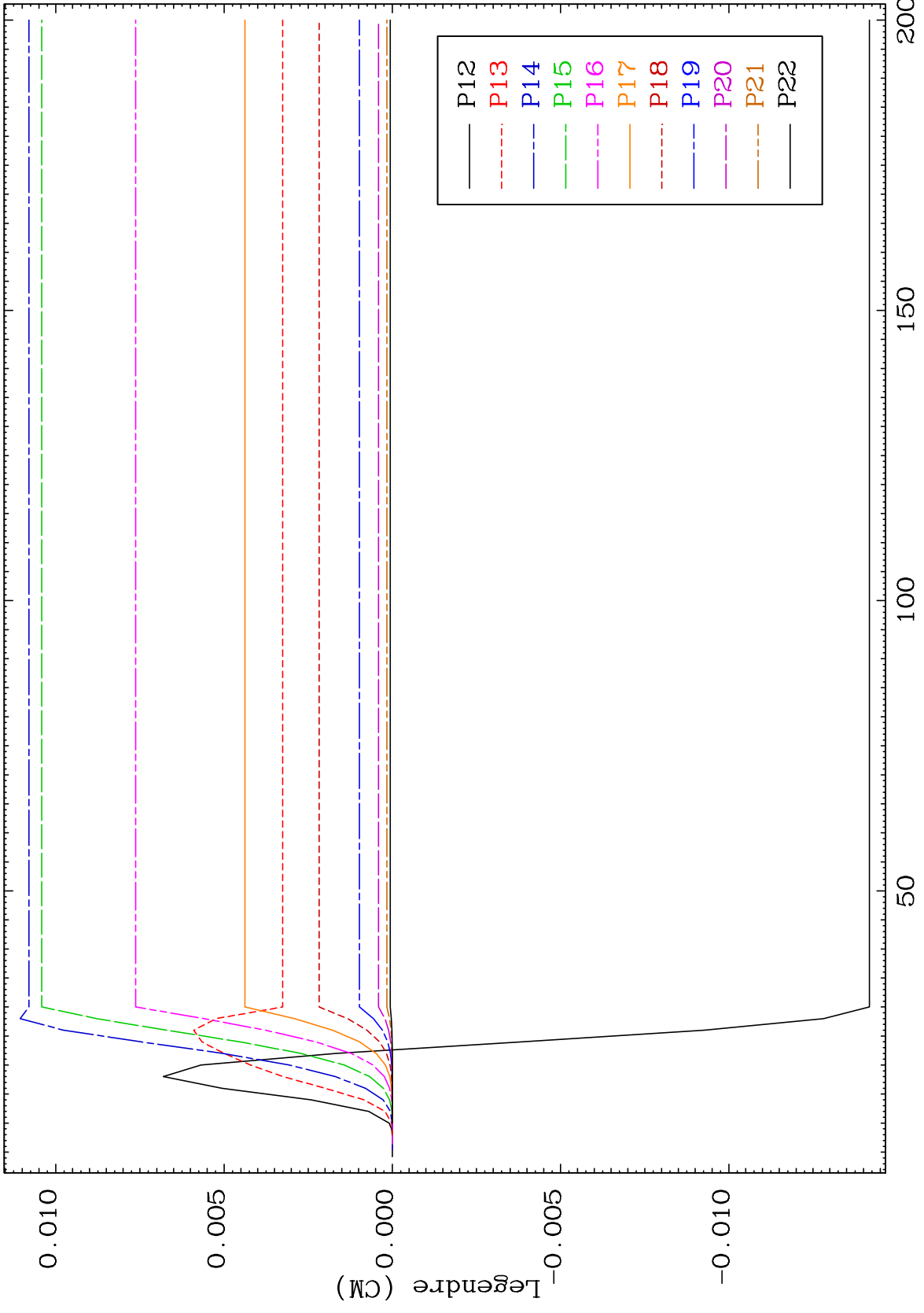
30-Zn-68

MAT 3037 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-68



29 Incident Energy (MeV) 30-Zn-68

MAT 3037 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-68

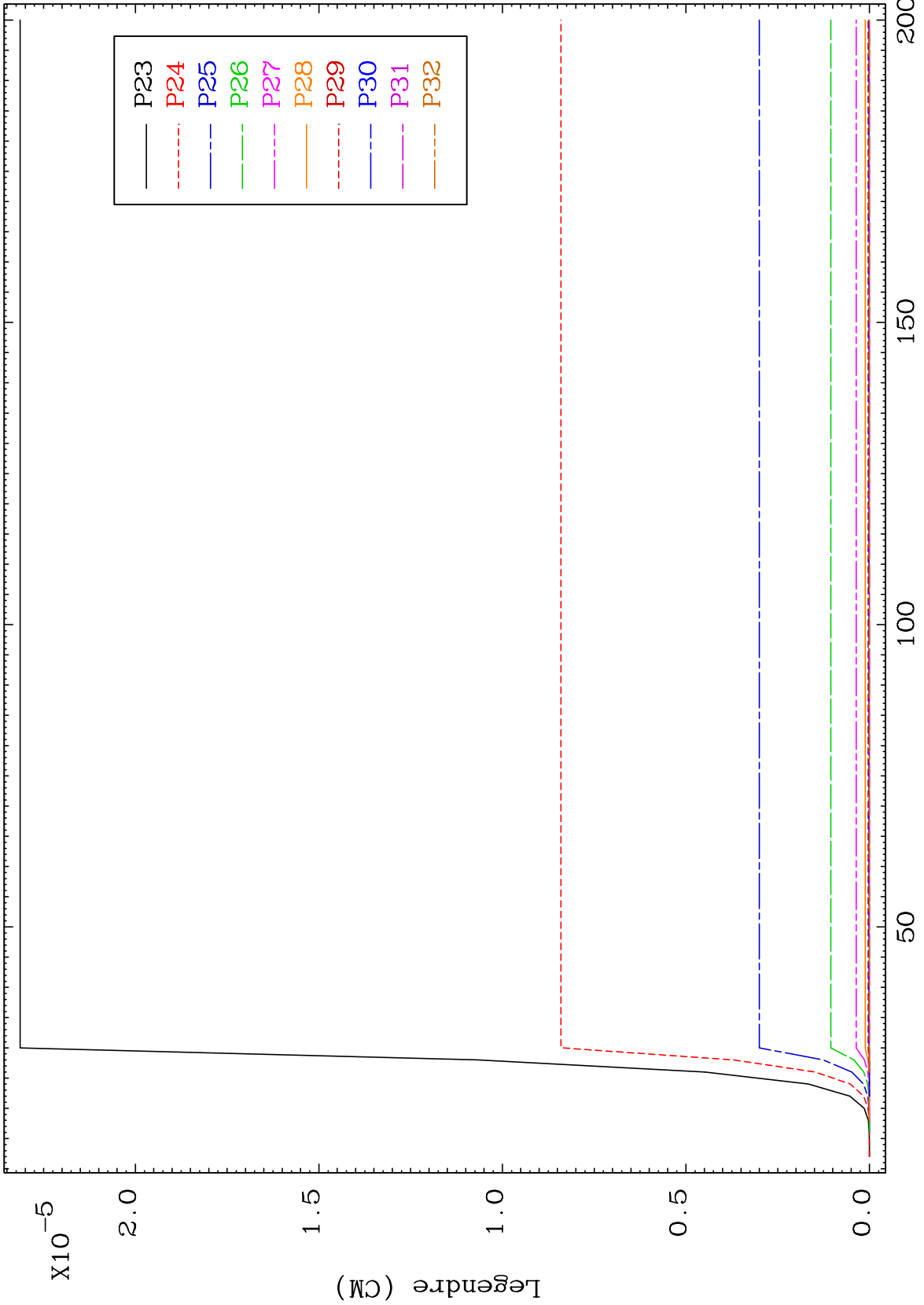


30 Incident Energy (MeV) 30-Zn-68

MAT 3037

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

30-Zn-68

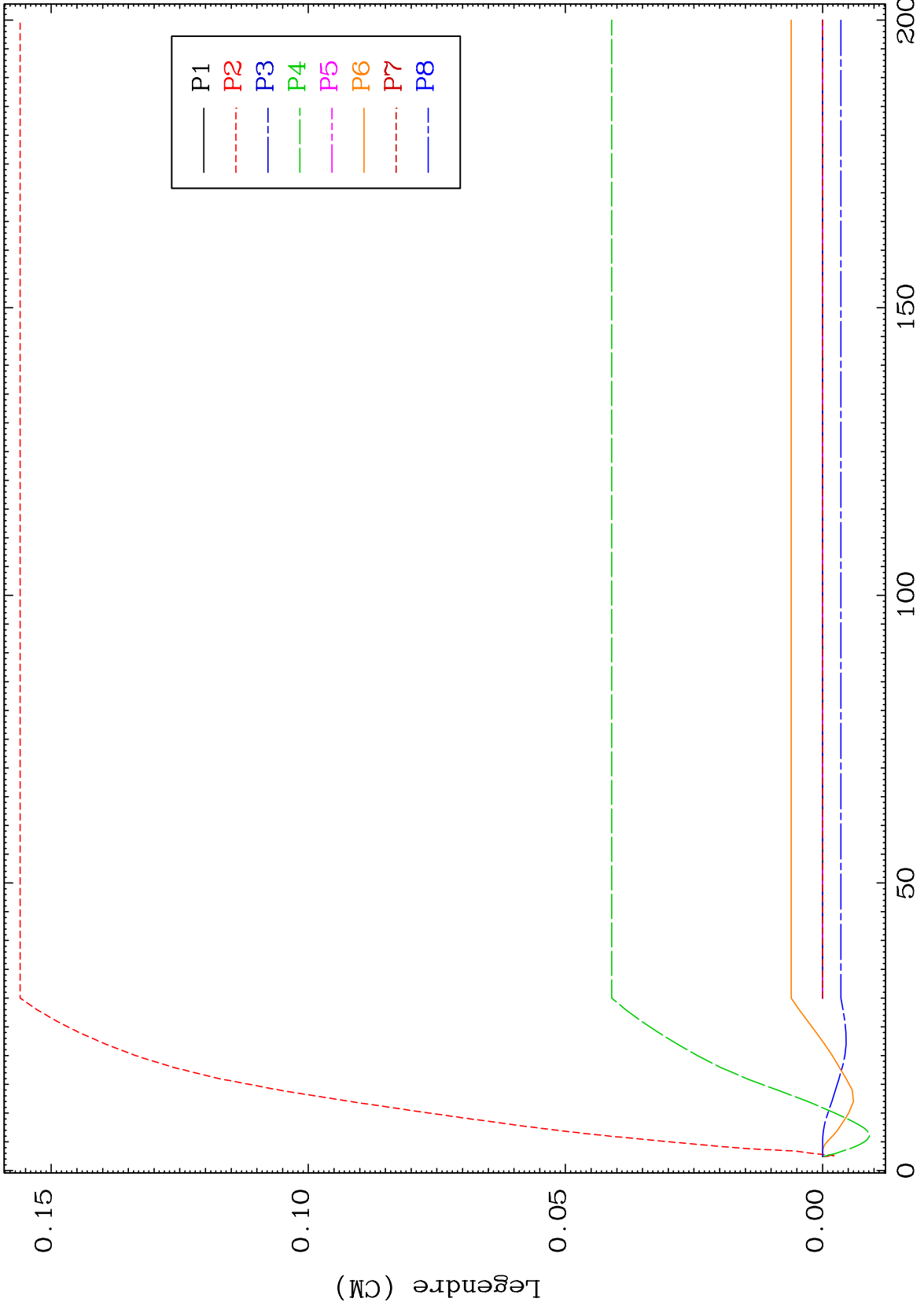


31

Incident Energy (MeV)

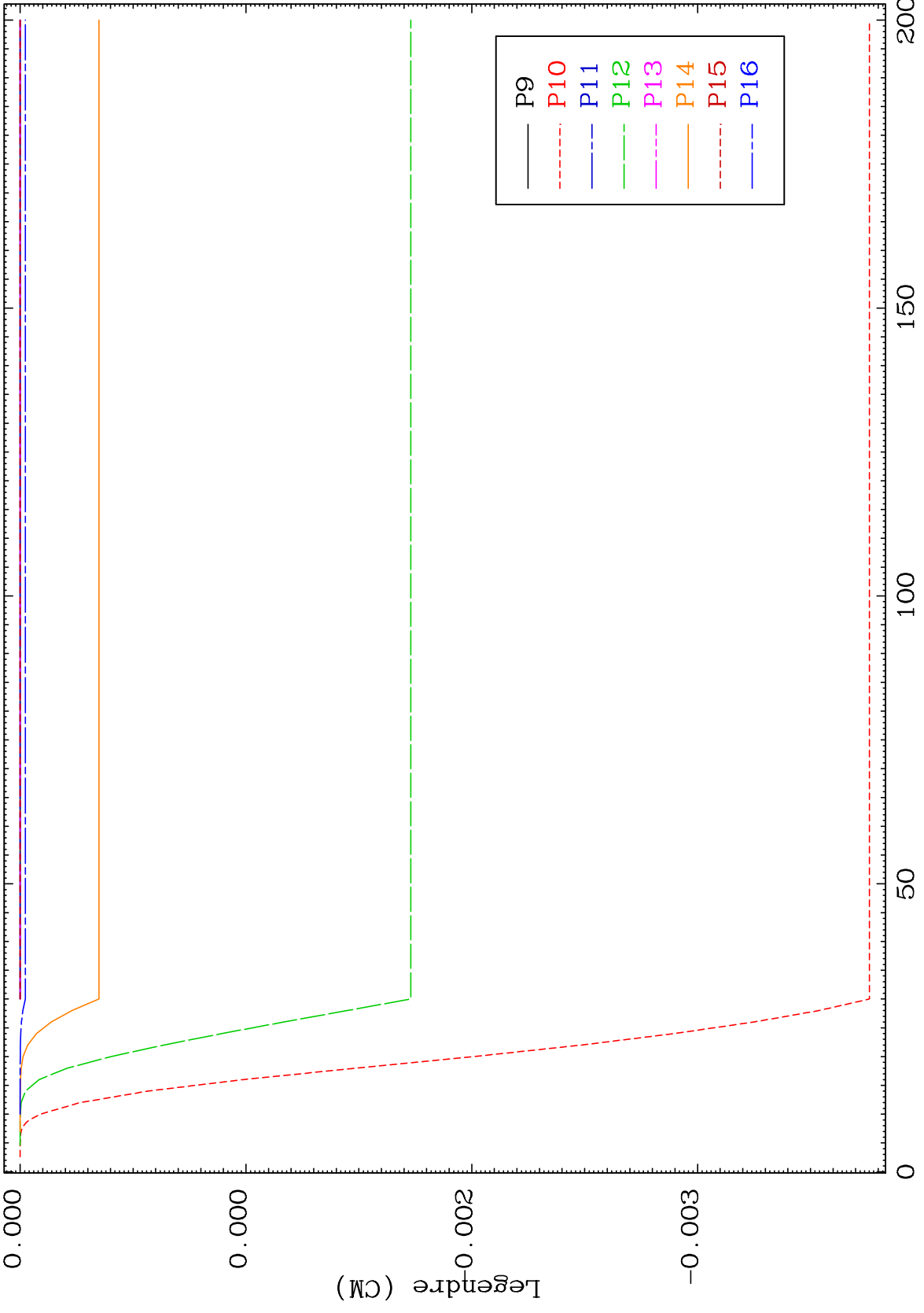
30-Zn-68

MAT 3037 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-68



32 Incident Energy (MeV) 30-Zn-68

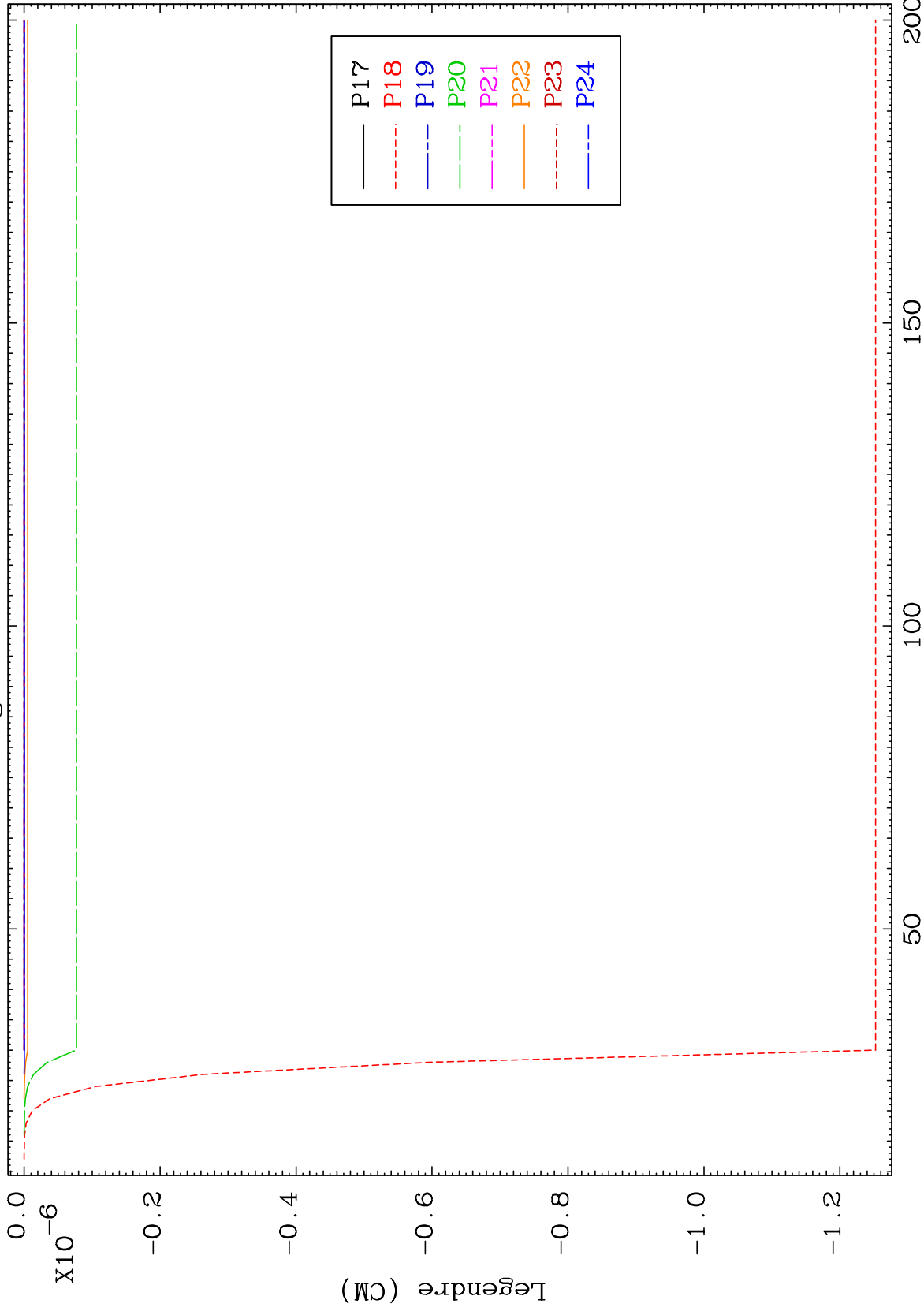
MAT 3037 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-68



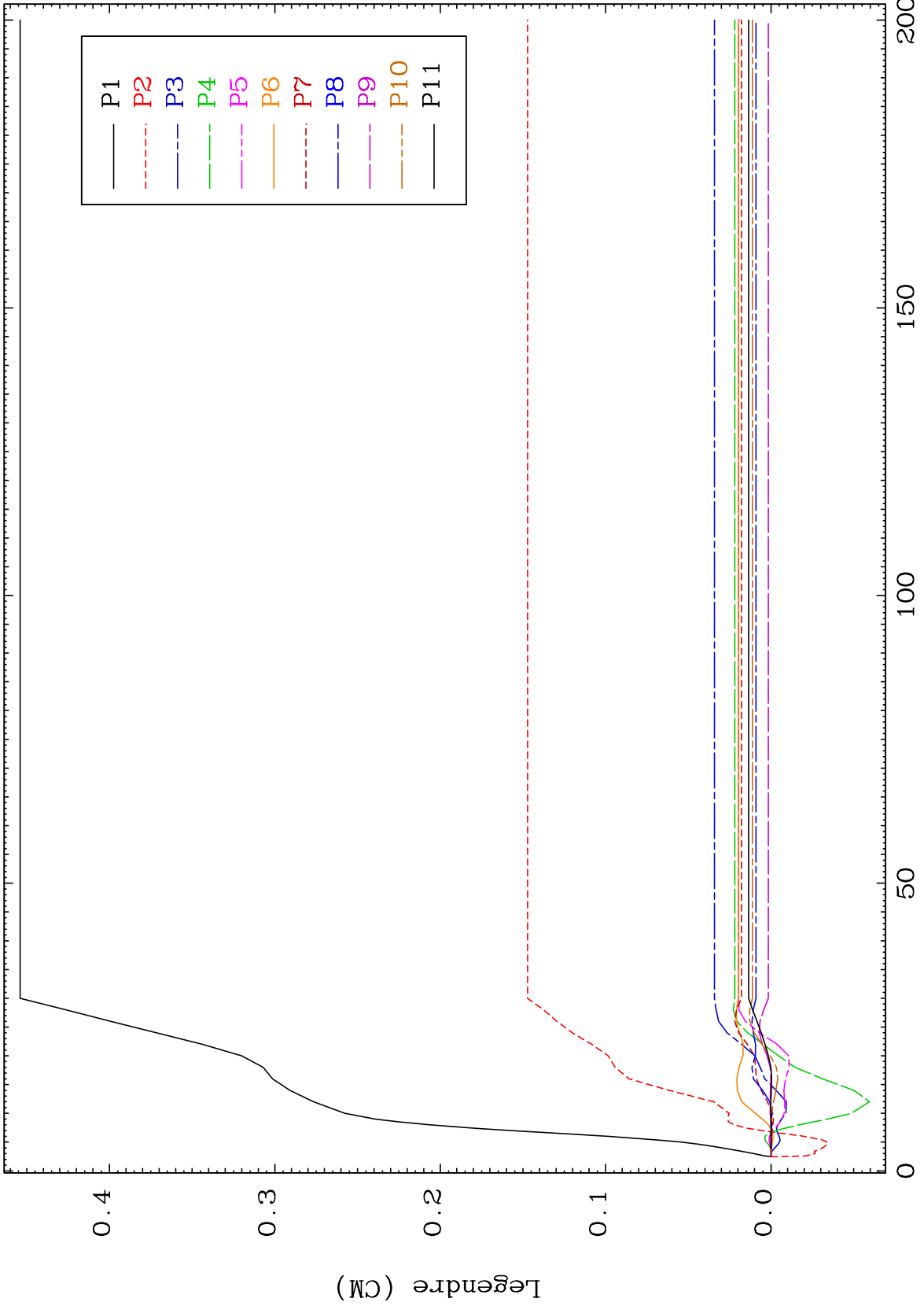
33 30-Zn-68

MAT 3037 MT= 55 (n,n') Level 30-Zn-68

Legendre Coefficients



MAT 3037 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-68

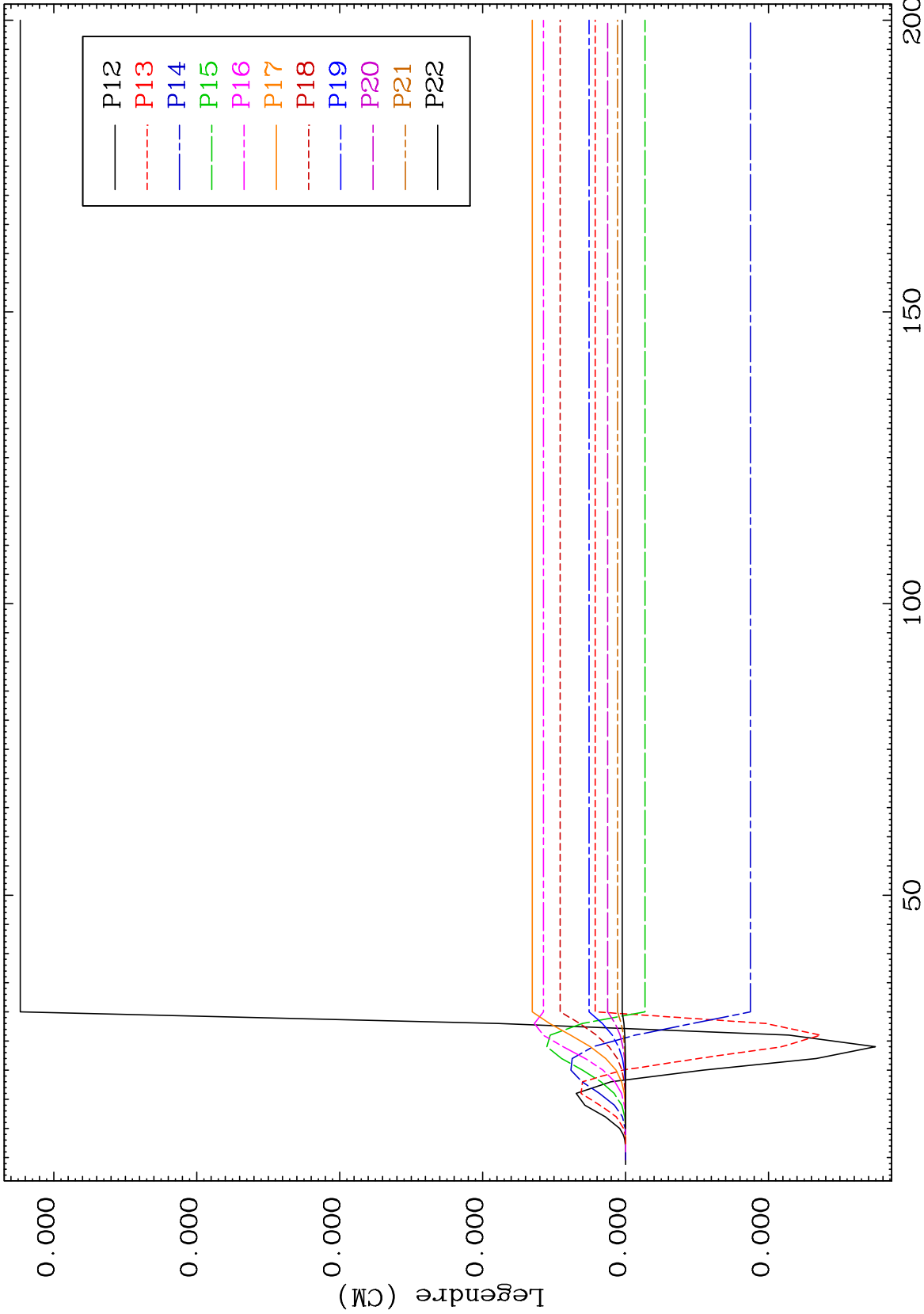


35 Incident Energy (MeV) 200 30-Zn-68

MAT 3037

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

30-Zn-68



36

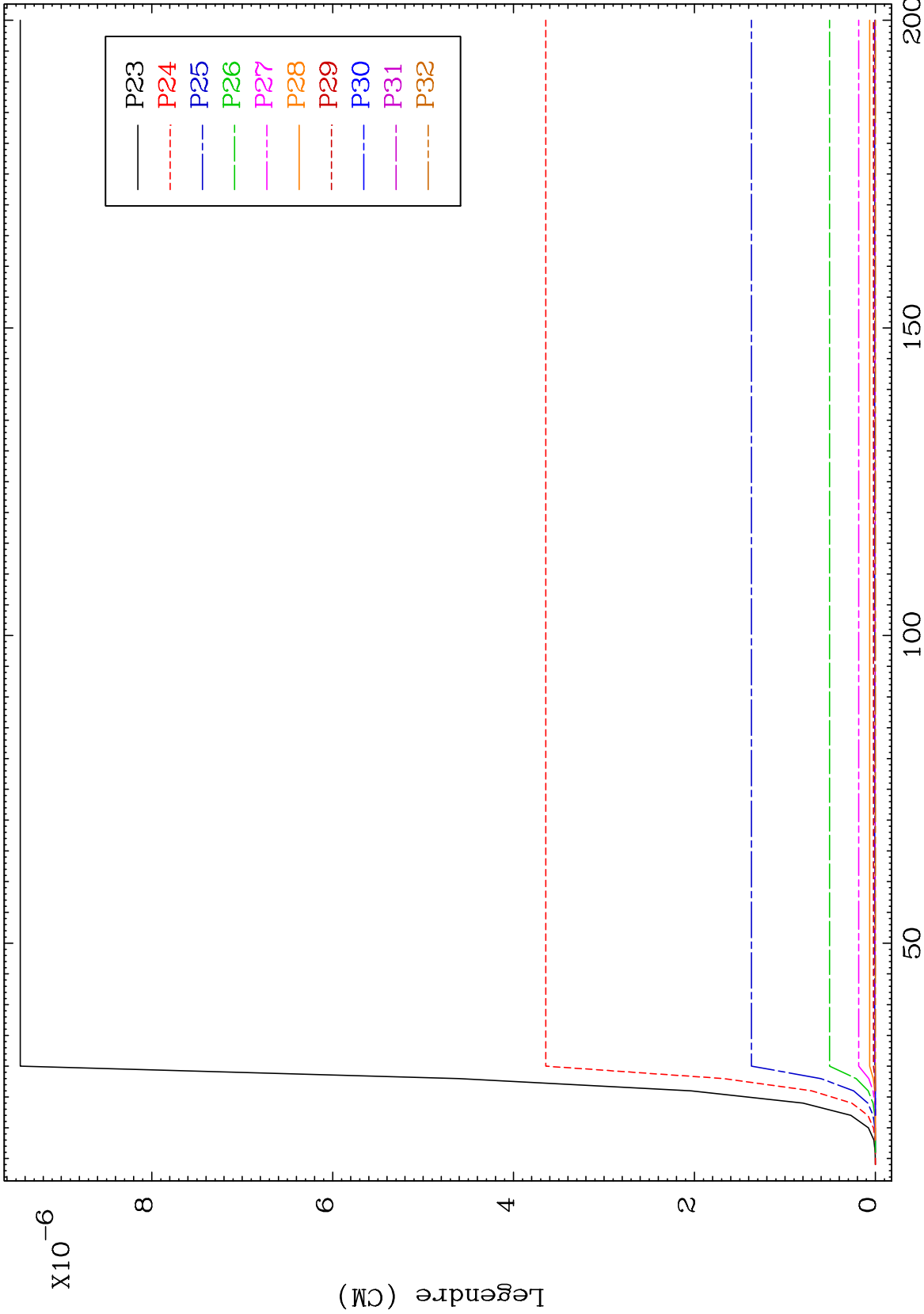
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



37

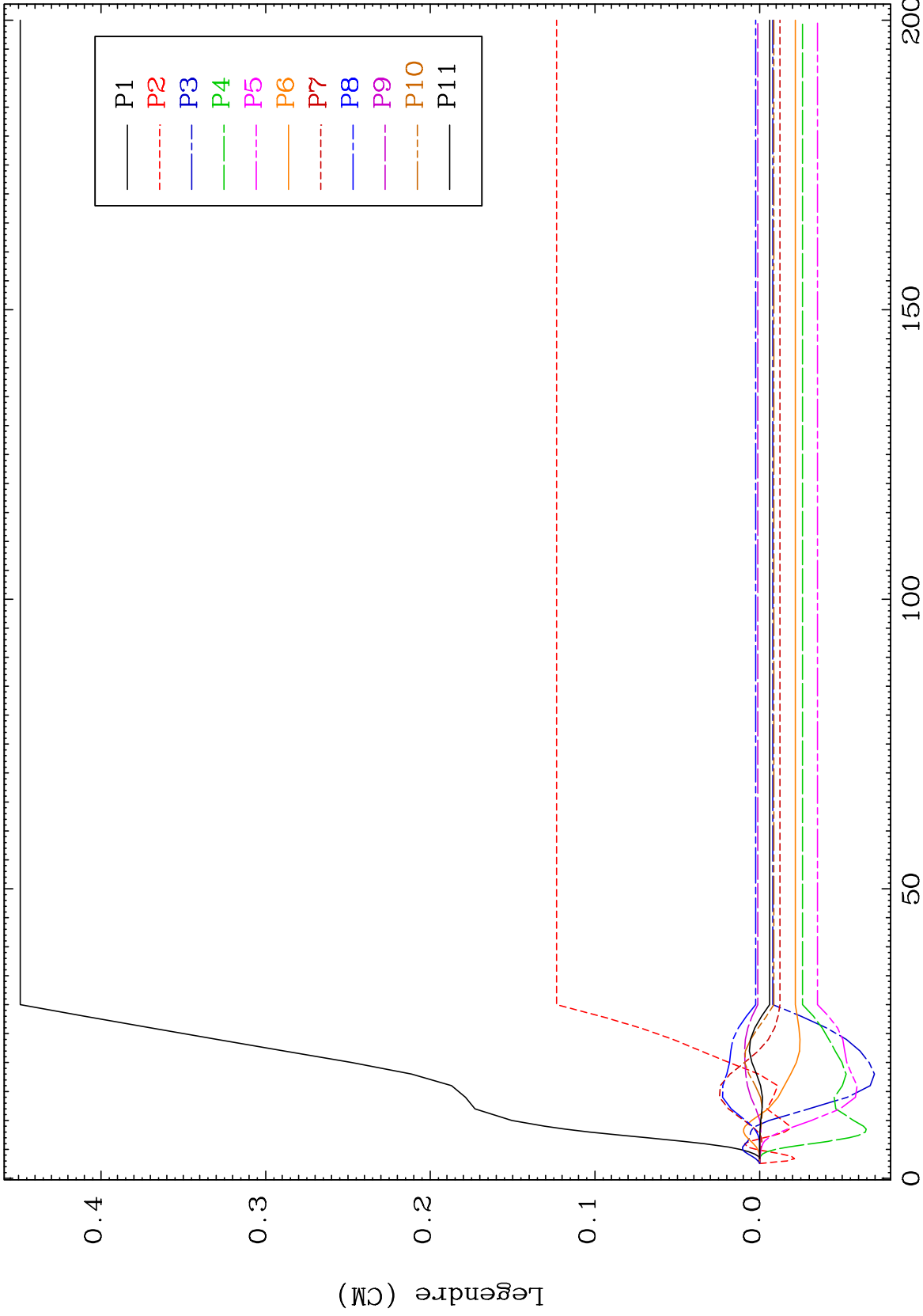
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



38

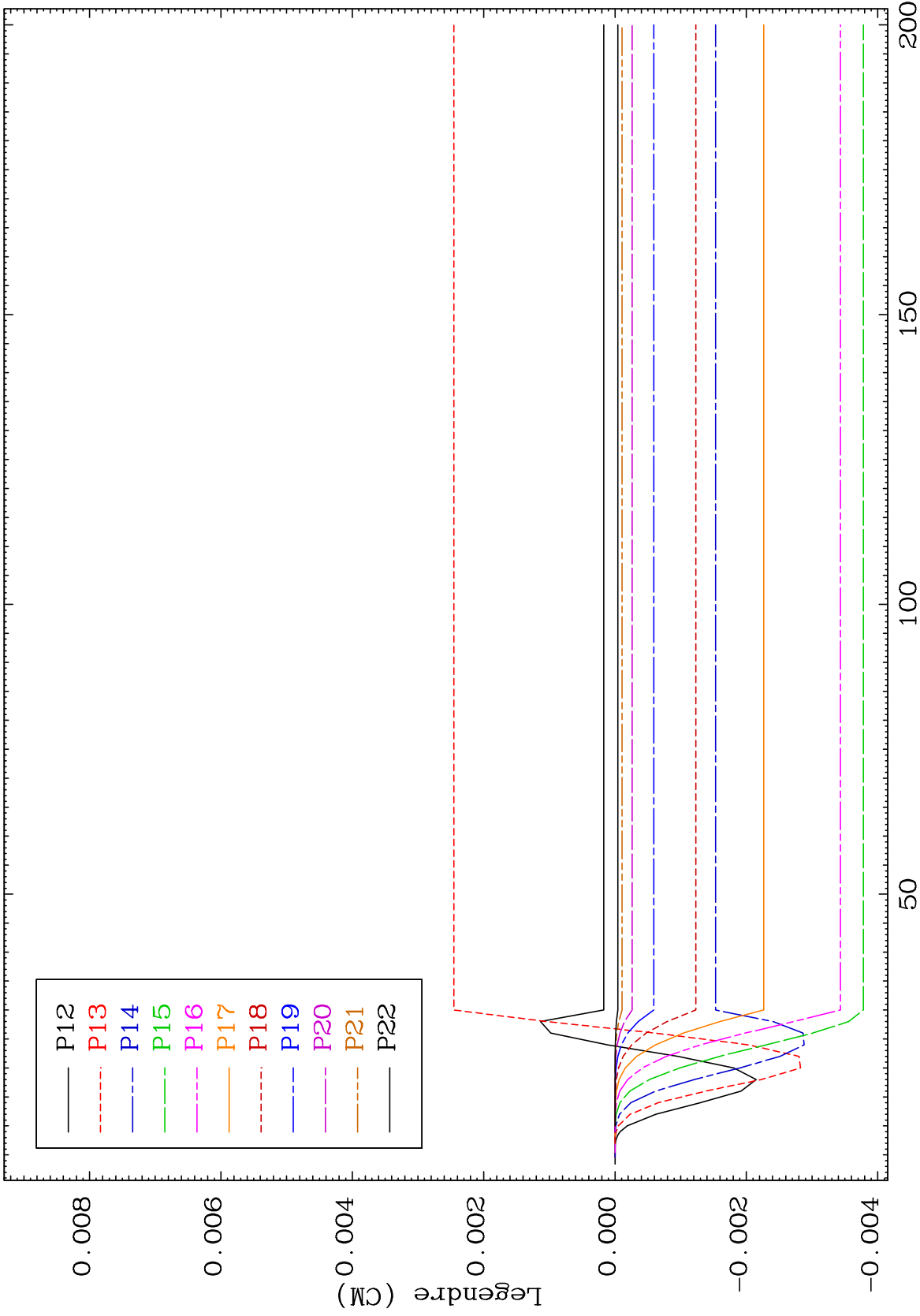
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



39

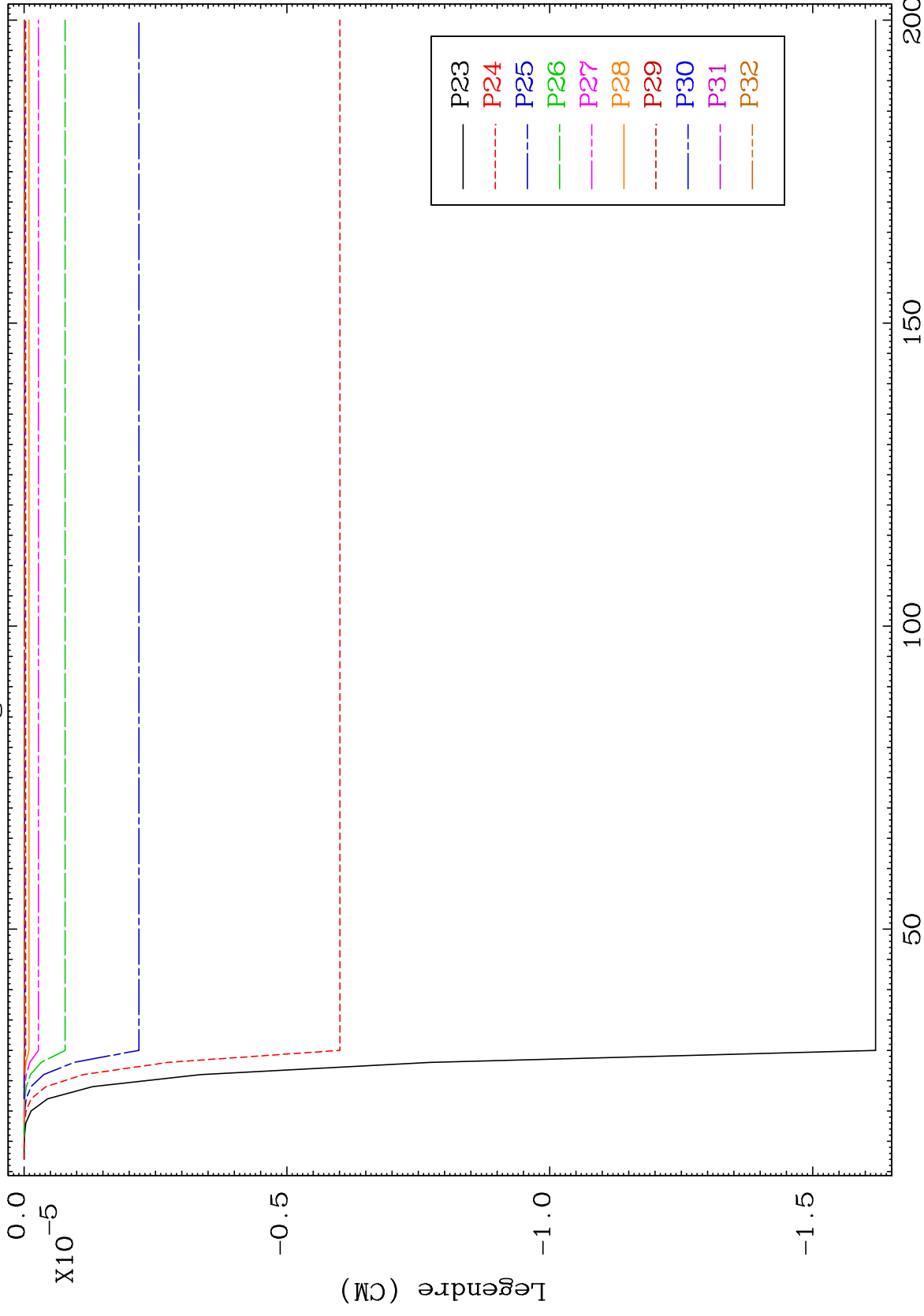
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



40

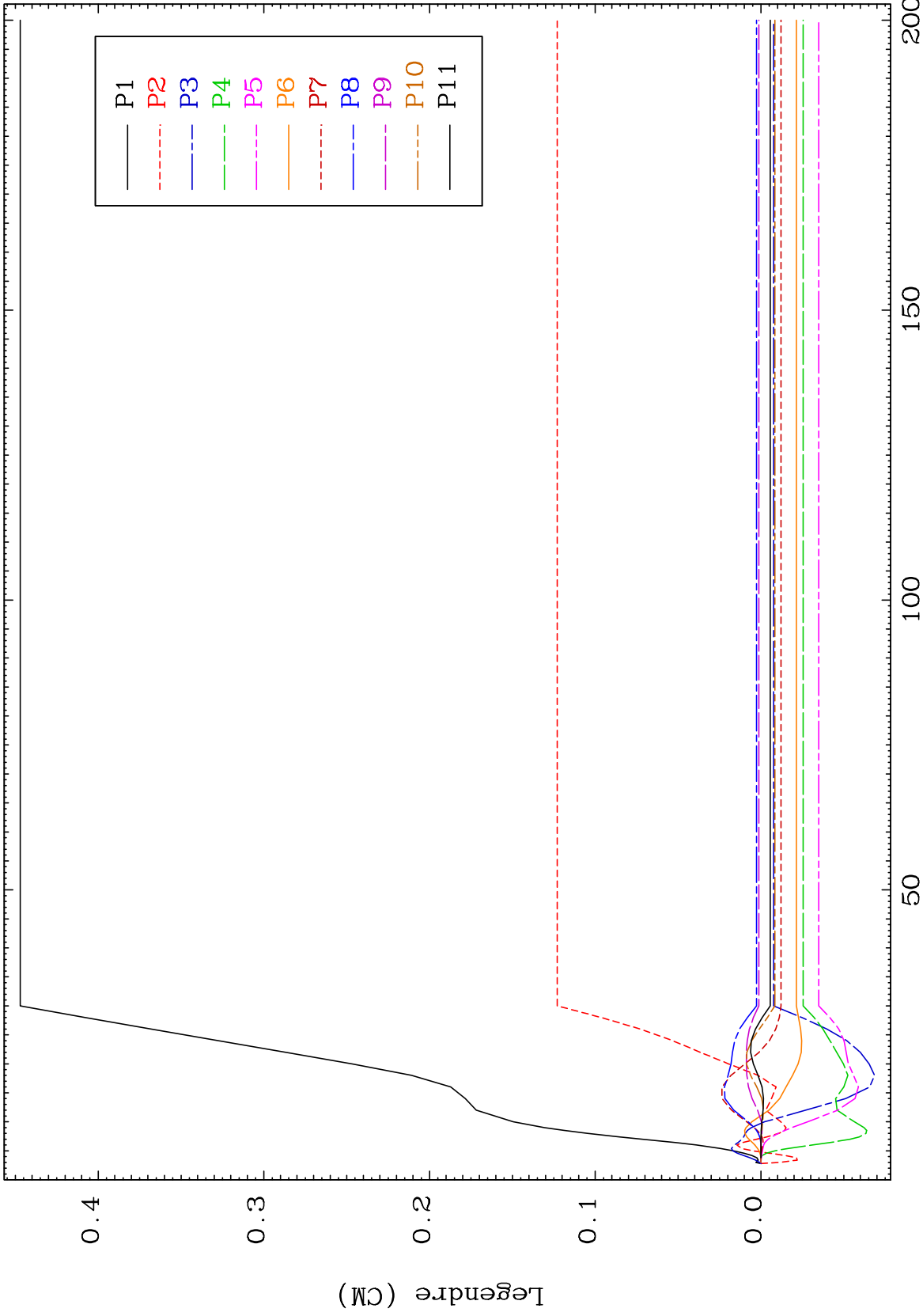
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



41

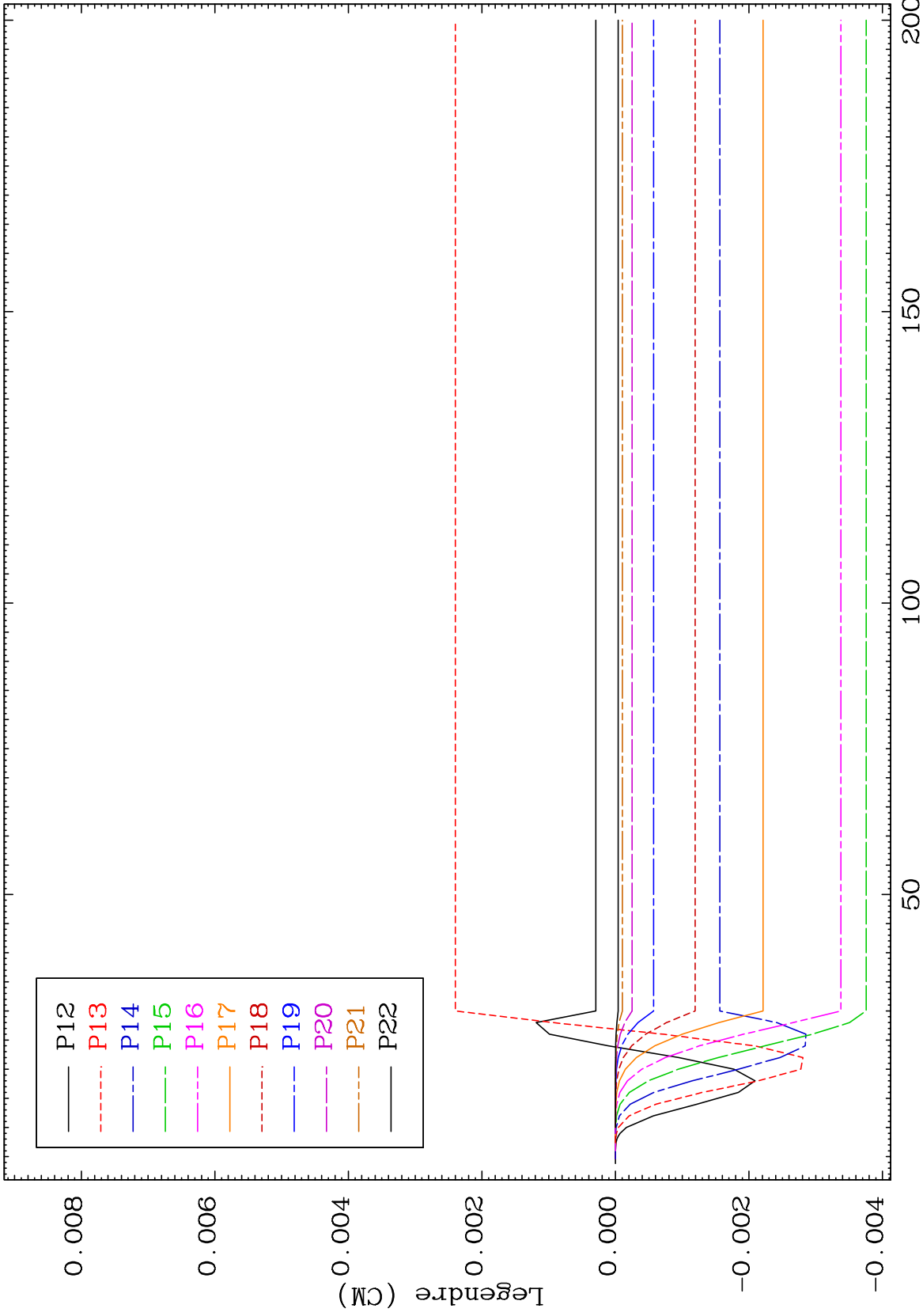
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

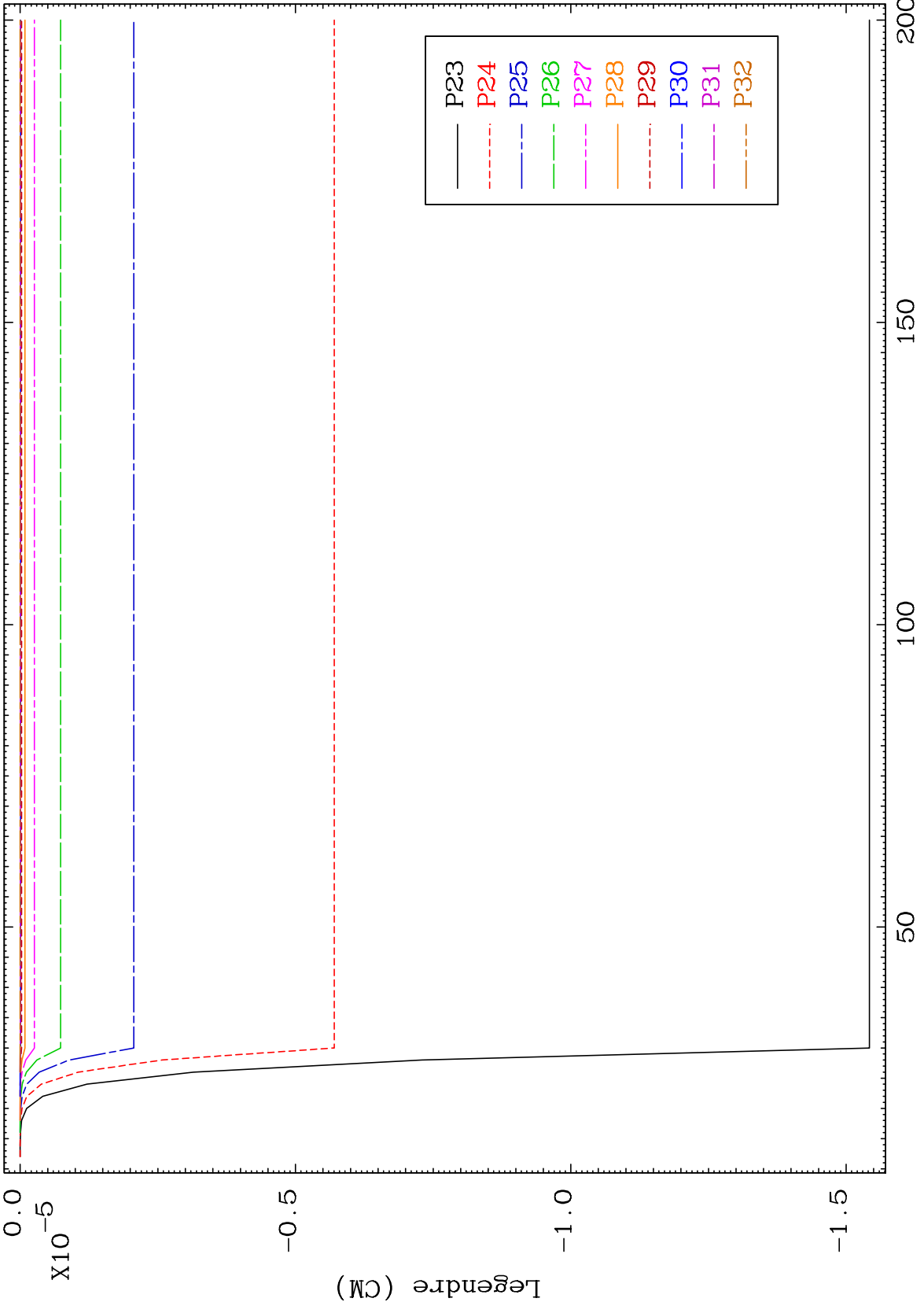


42

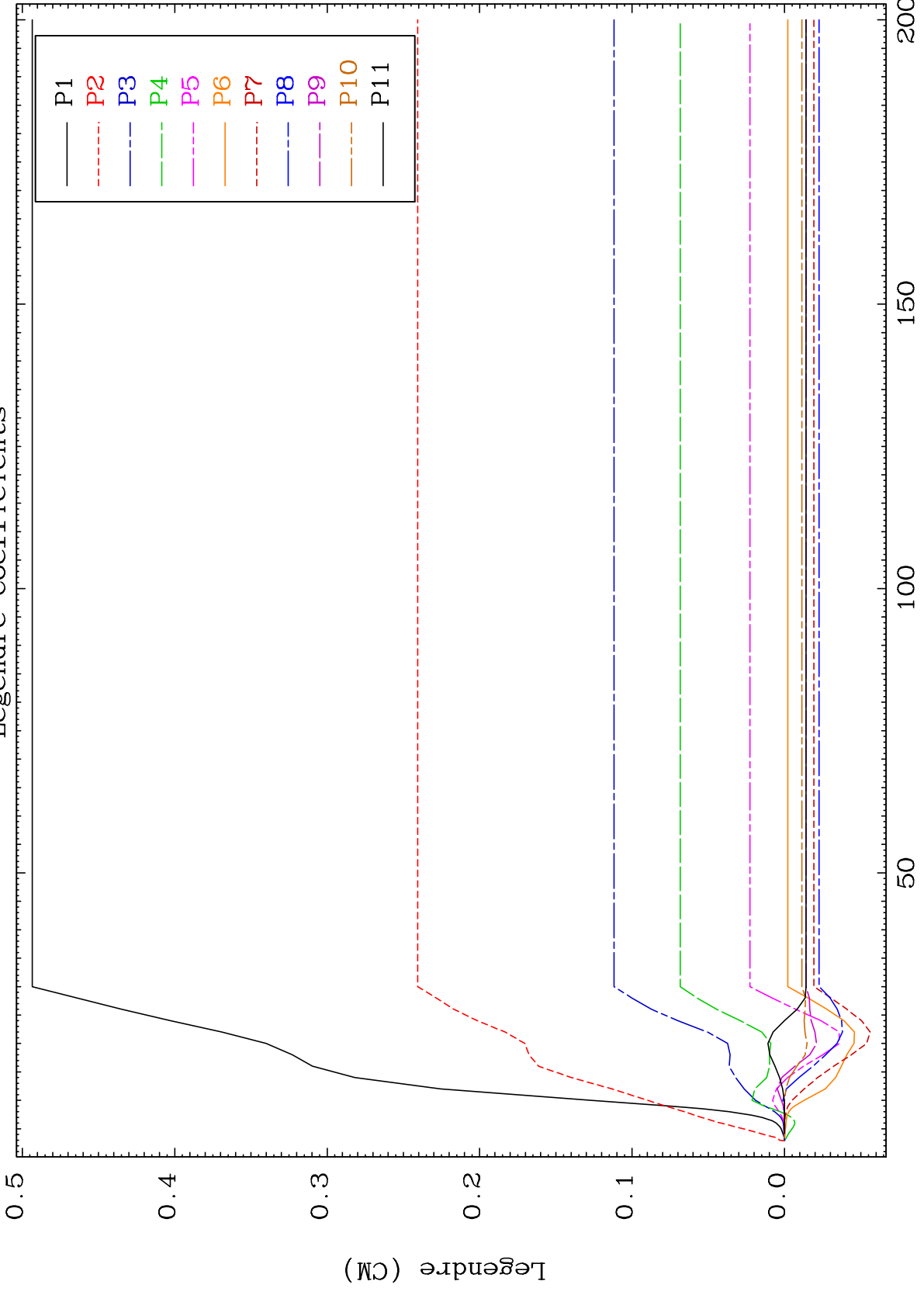
Incident Energy (MeV)

30-Zn-68

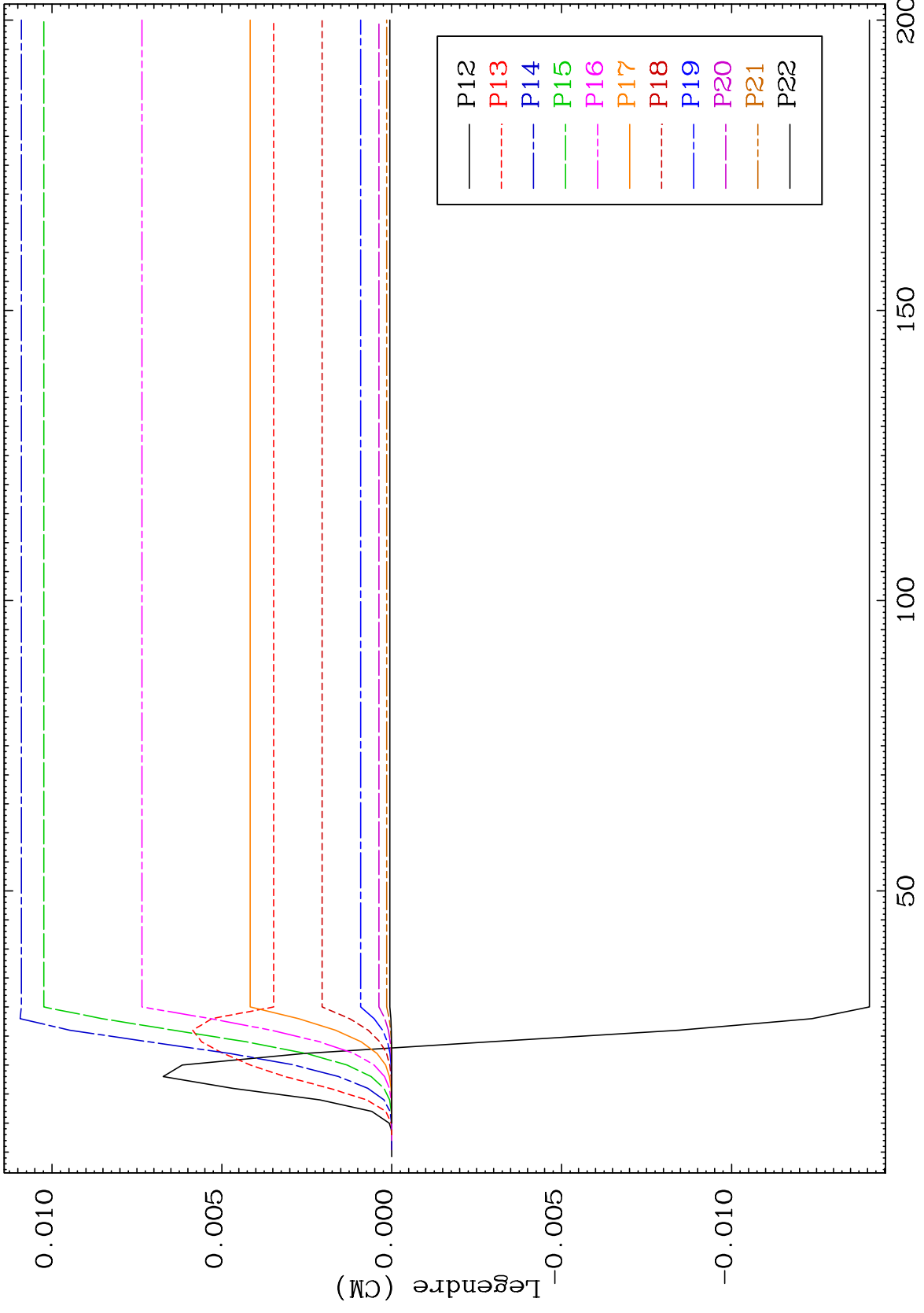
MAT 3037 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-68

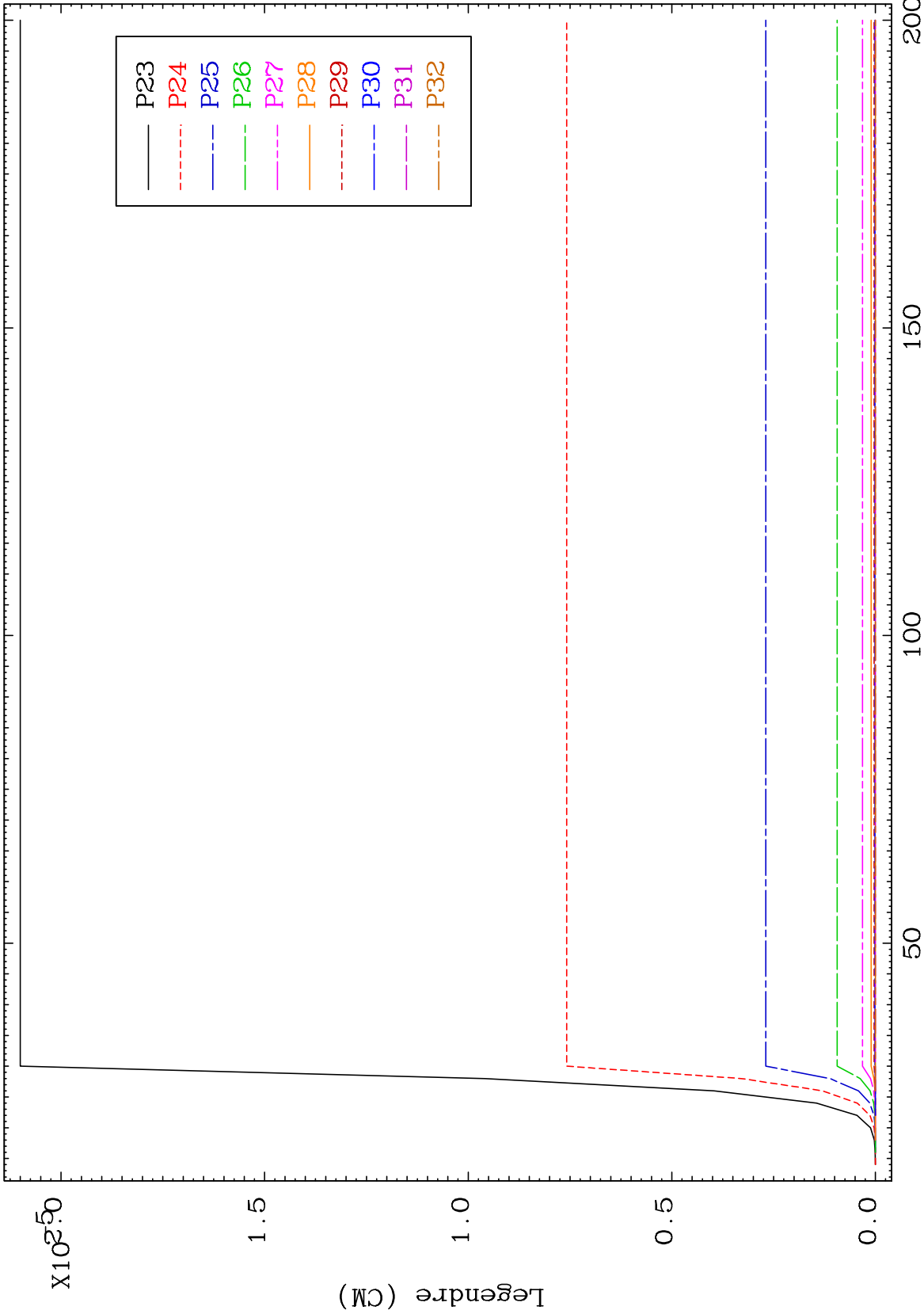


45 Incident Energy (MeV) 30-Zn-68

MAT 3037

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

30-Zn-68



46

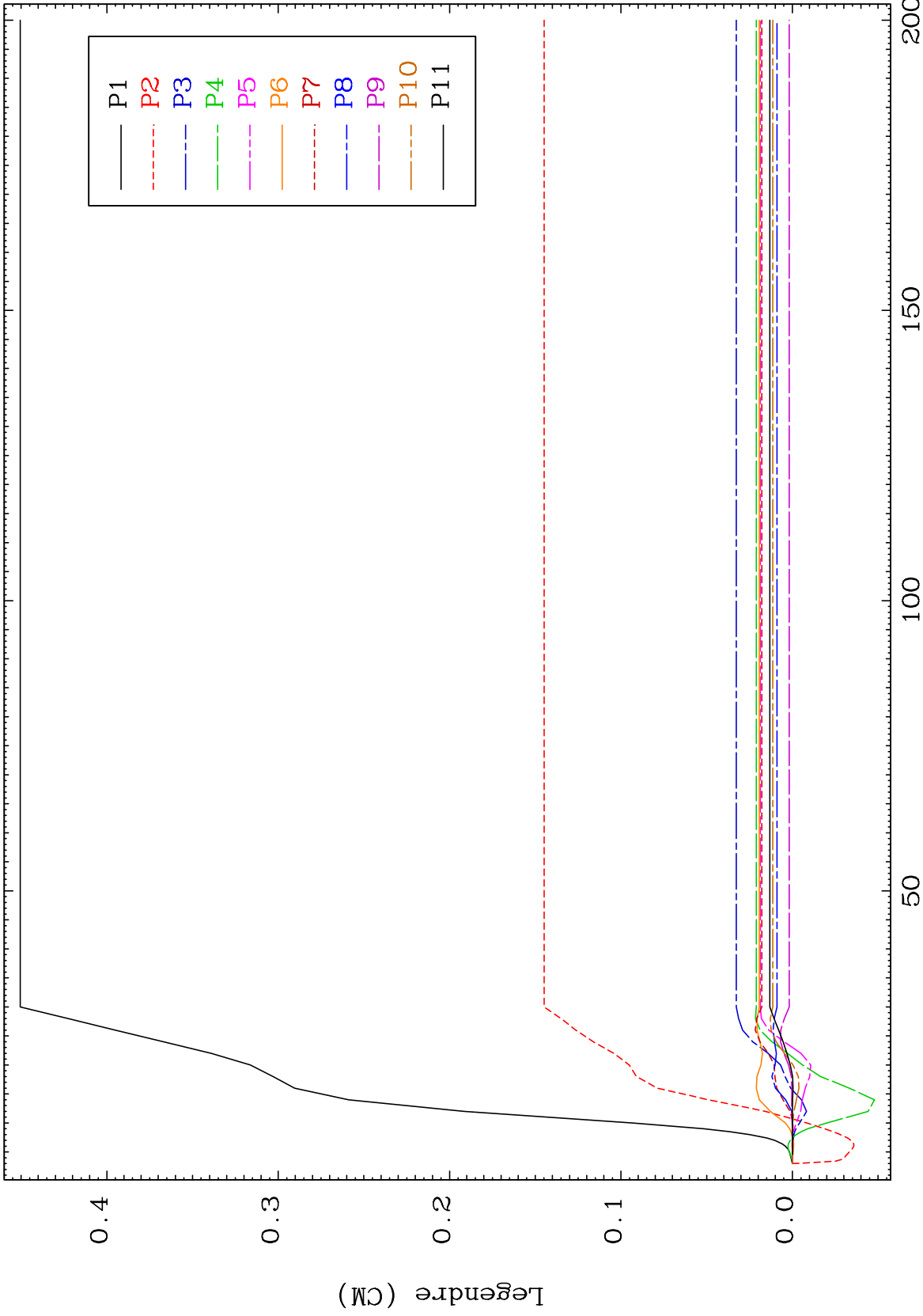
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



47

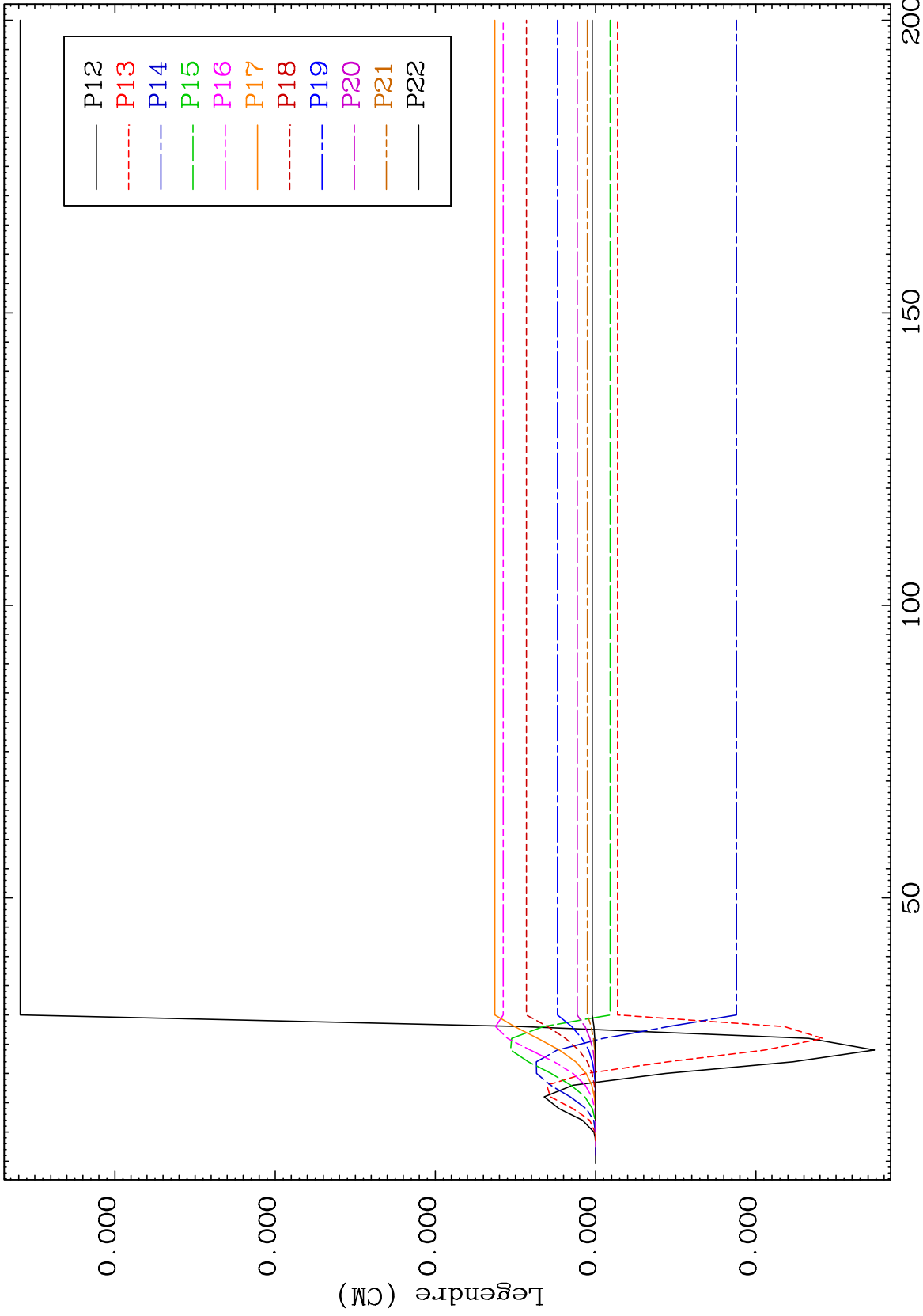
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



48

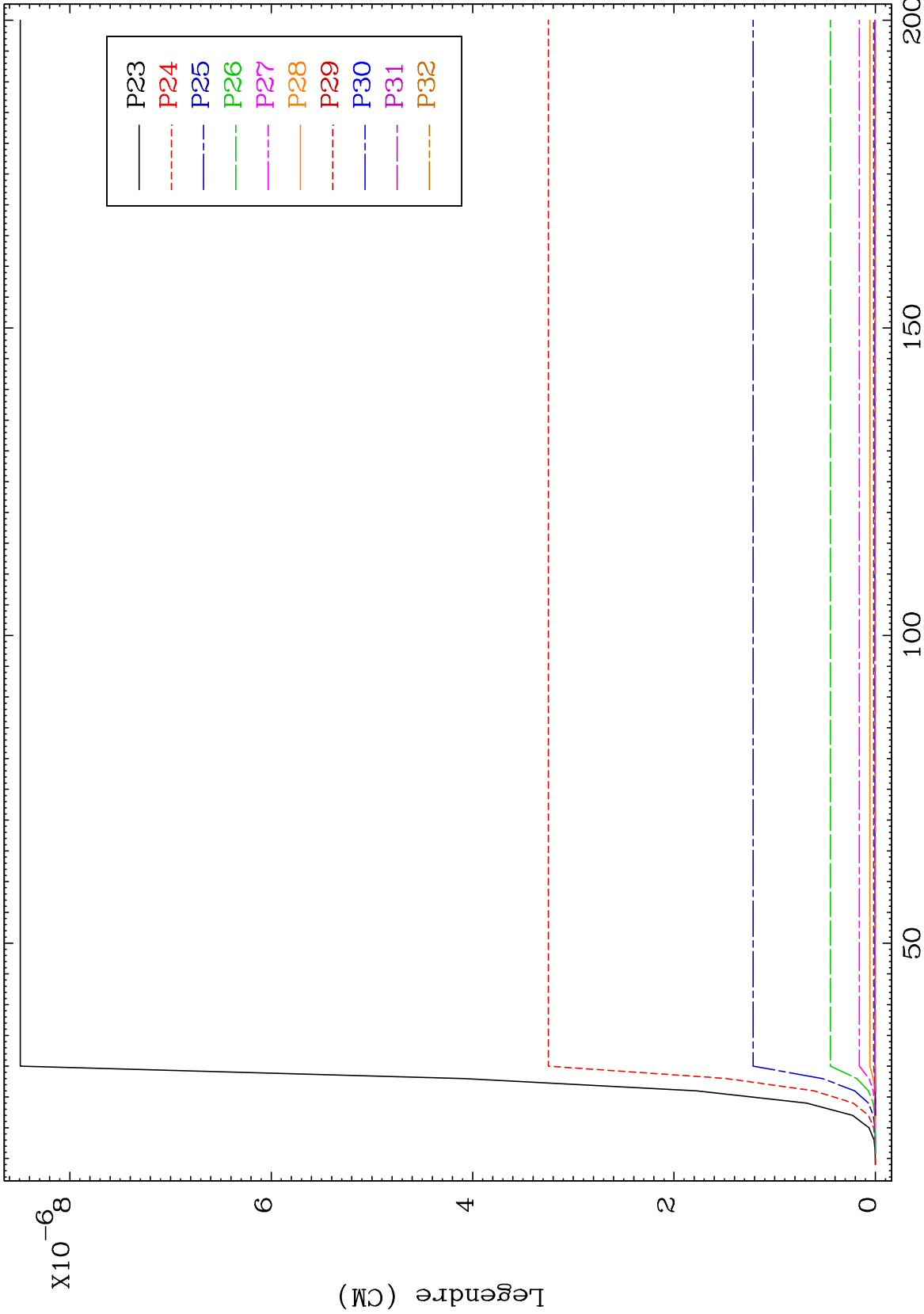
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



49

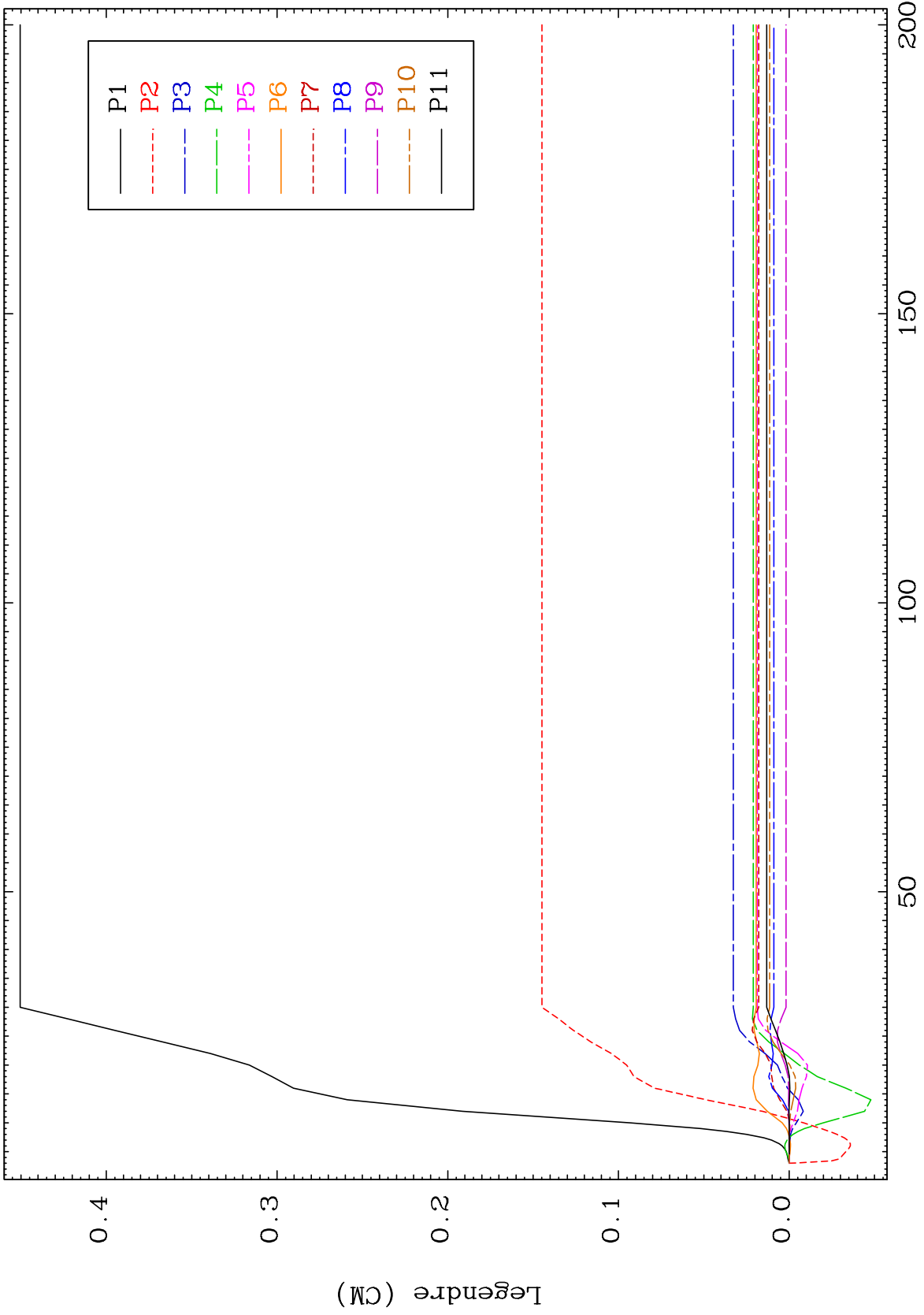
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



50

Incident Energy (MeV)

100

150

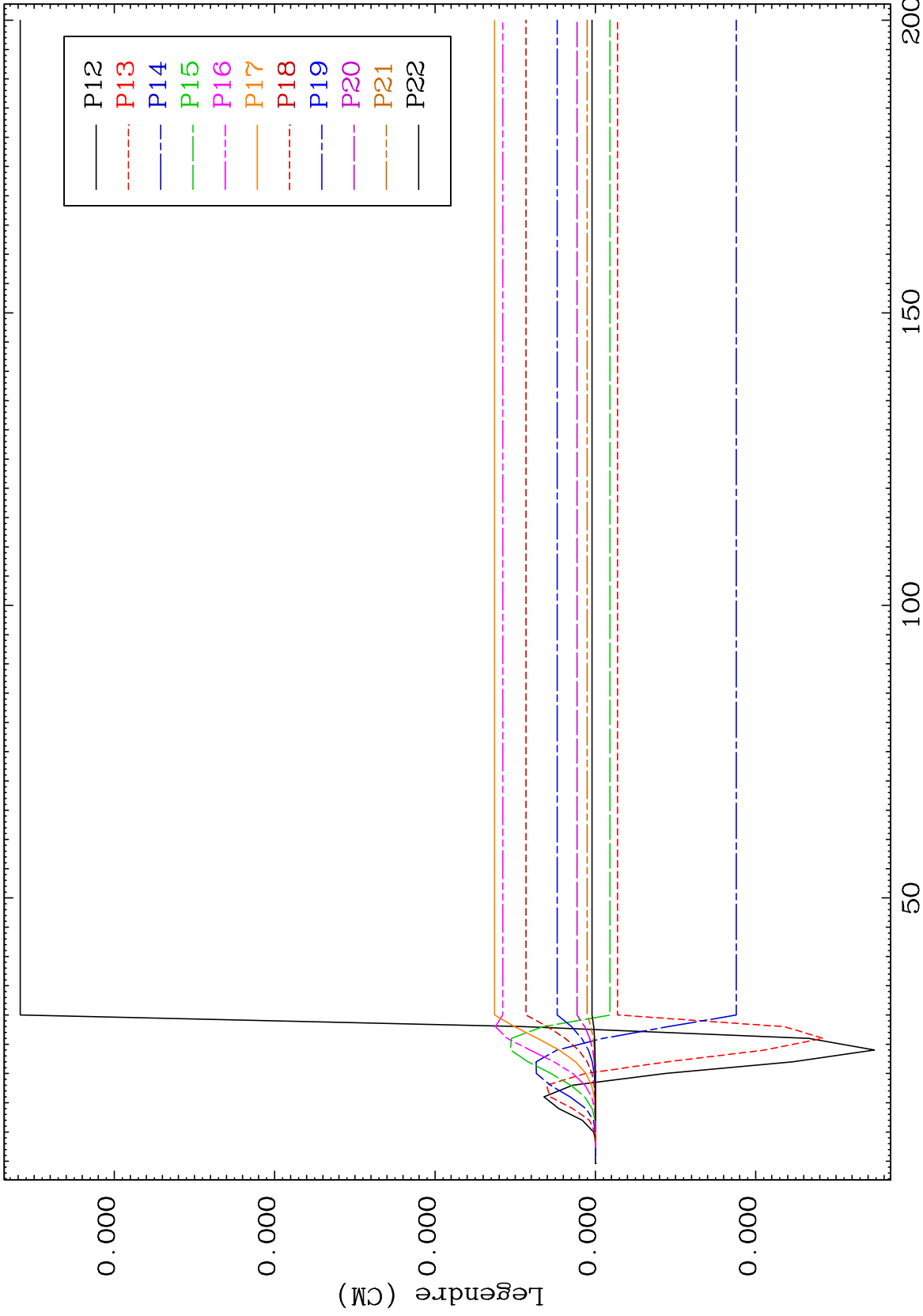
200

30-Zn-68

MAT 3037

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

30-Zn-68



51

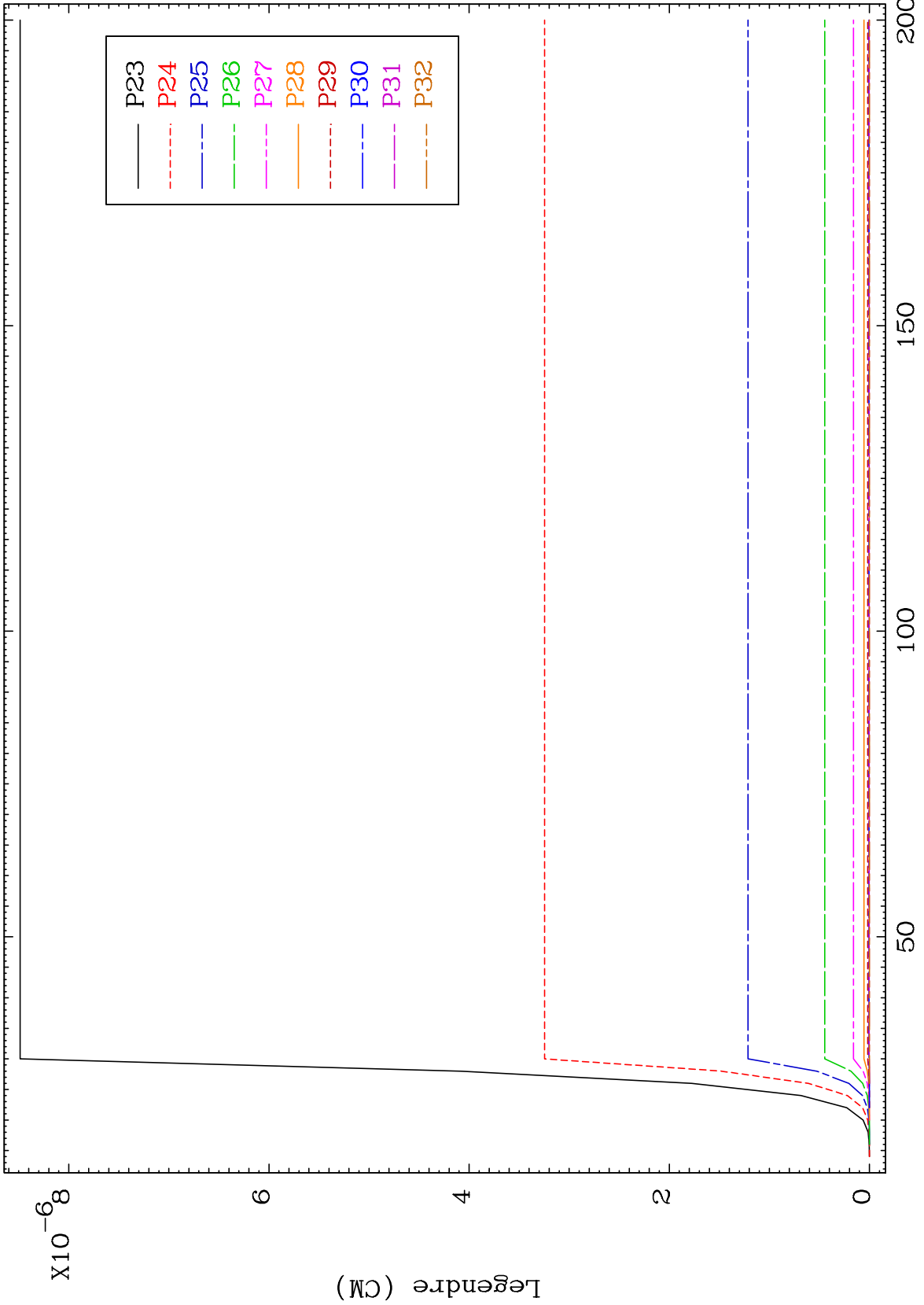
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



52

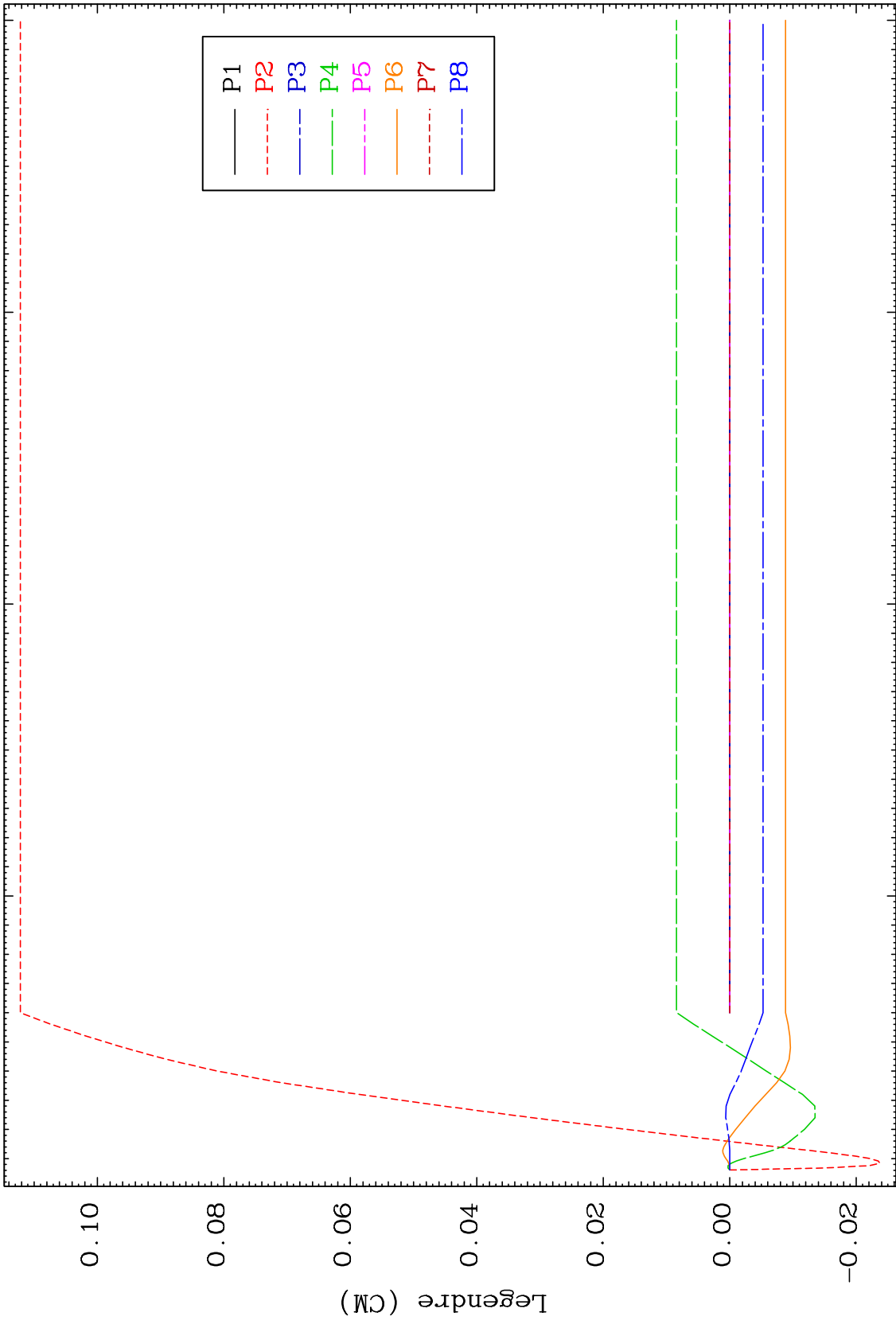
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



53

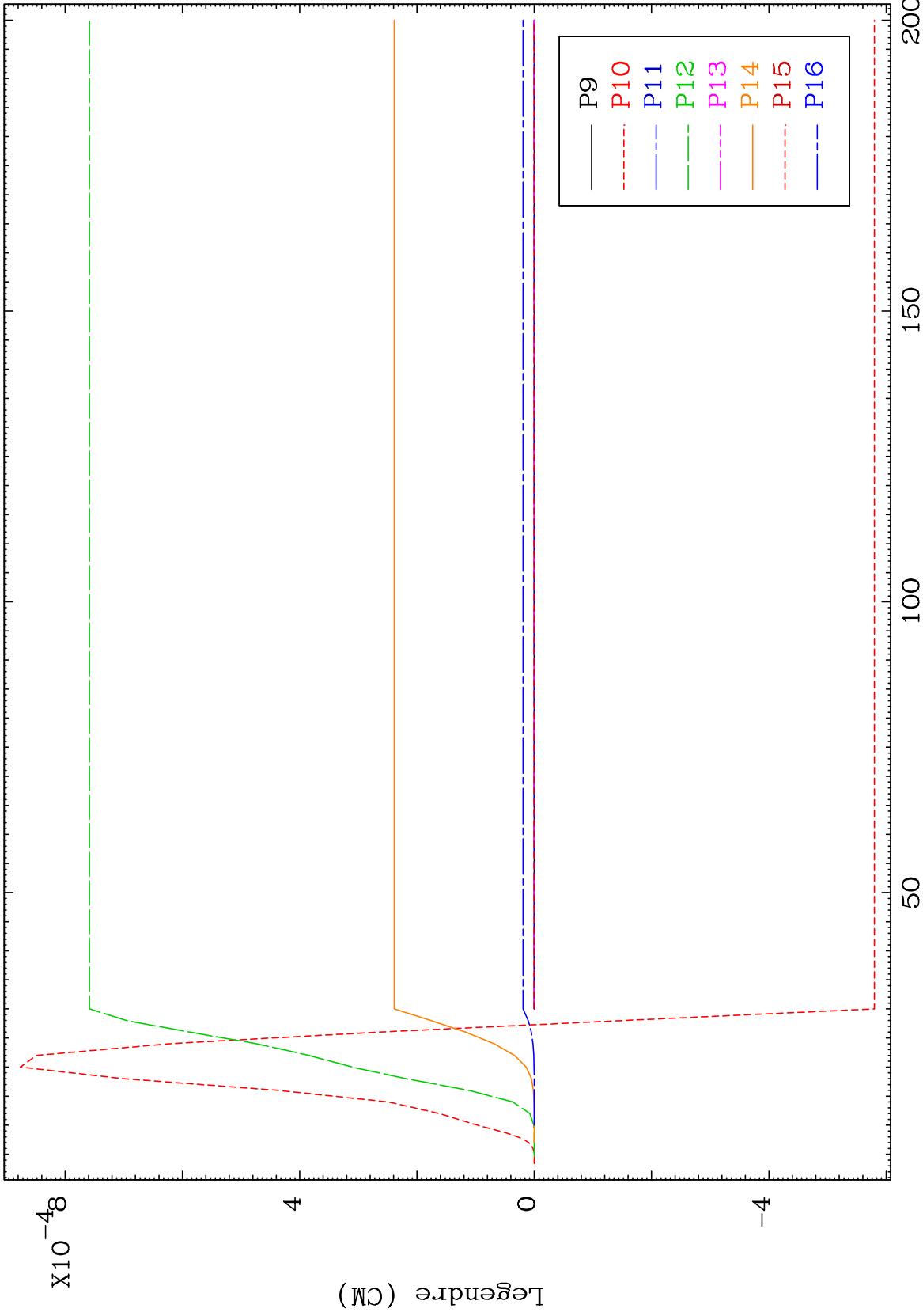
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



54

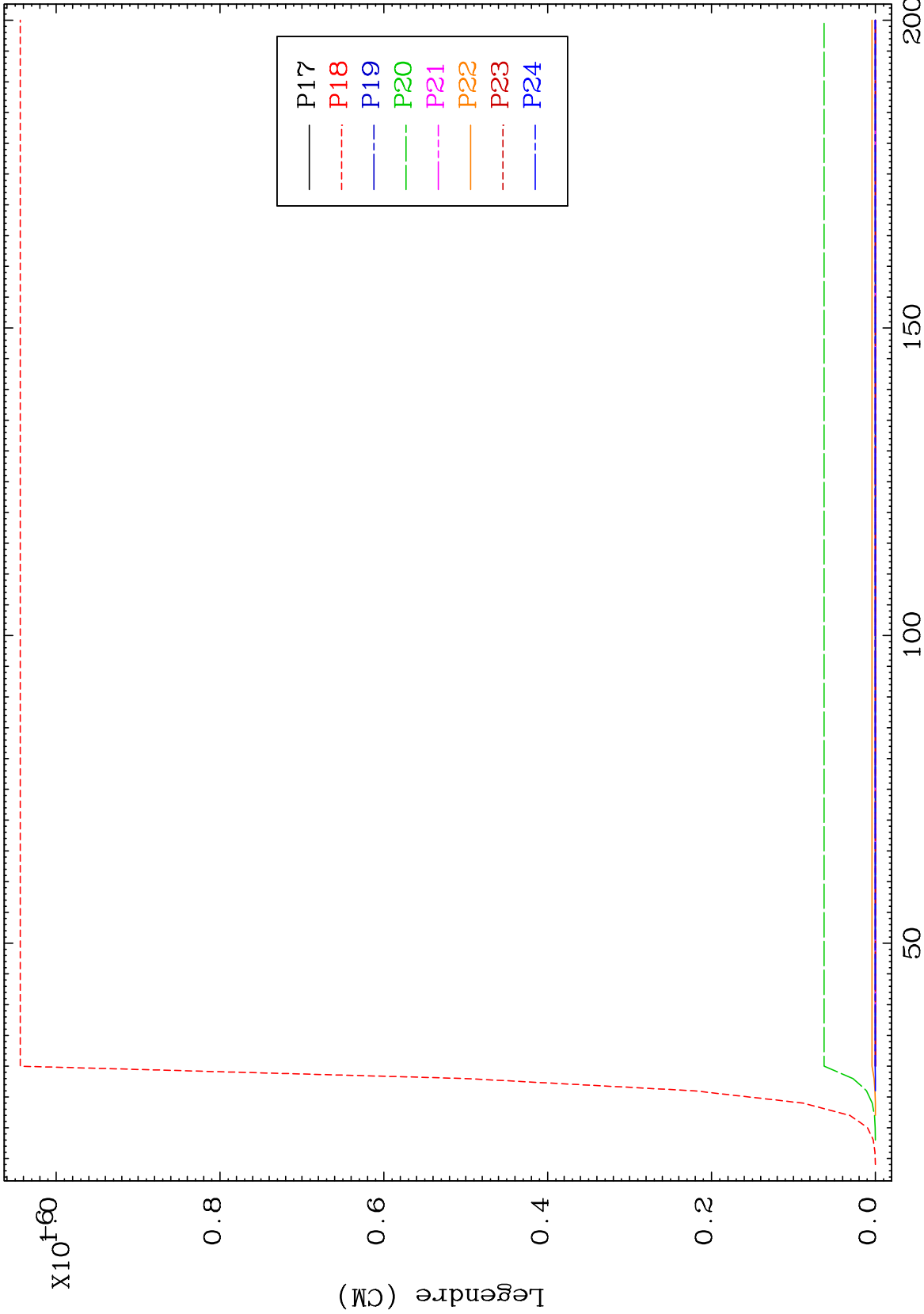
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

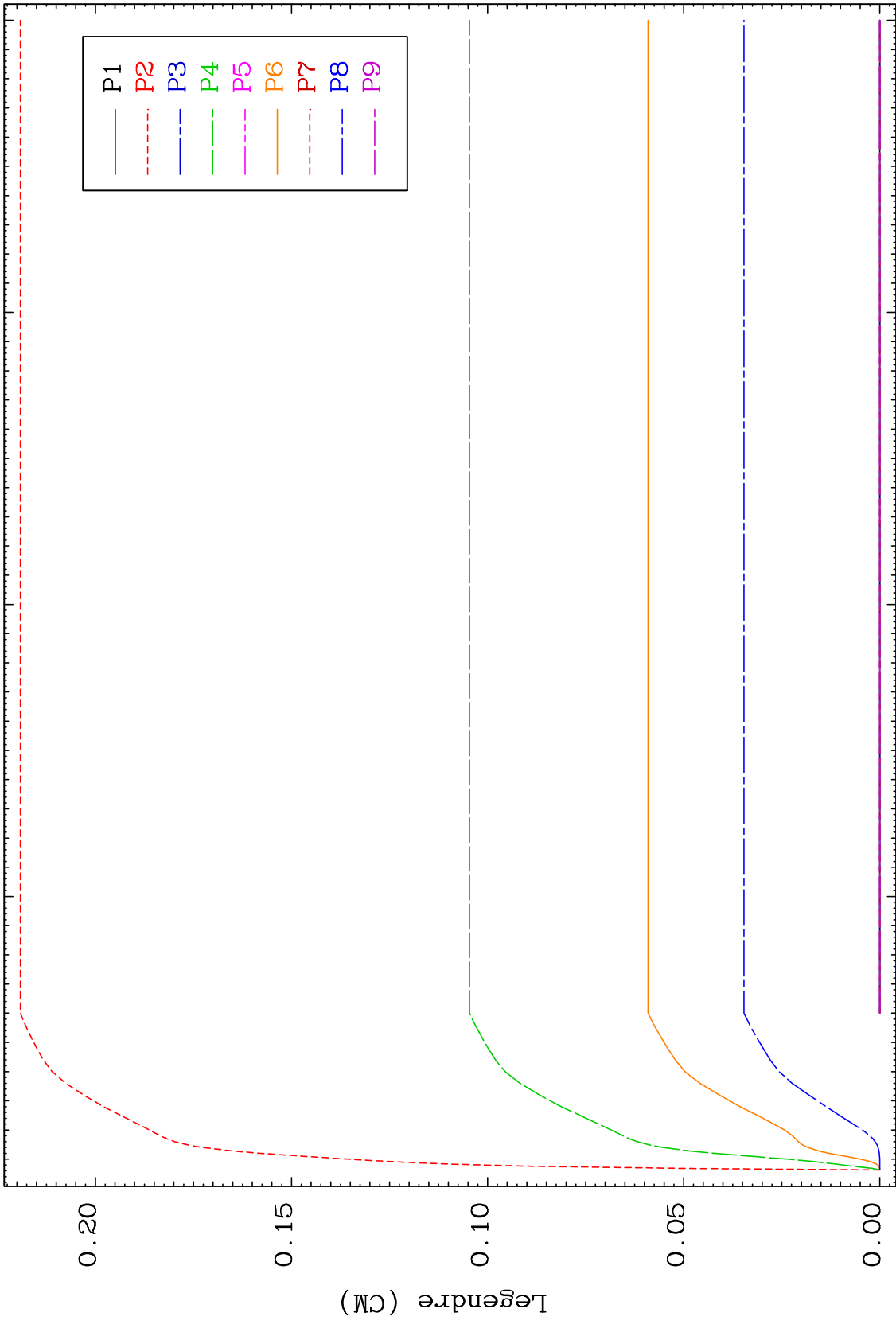


55

Incident Energy (MeV)

30-Zn-68

MAT 3037 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-68

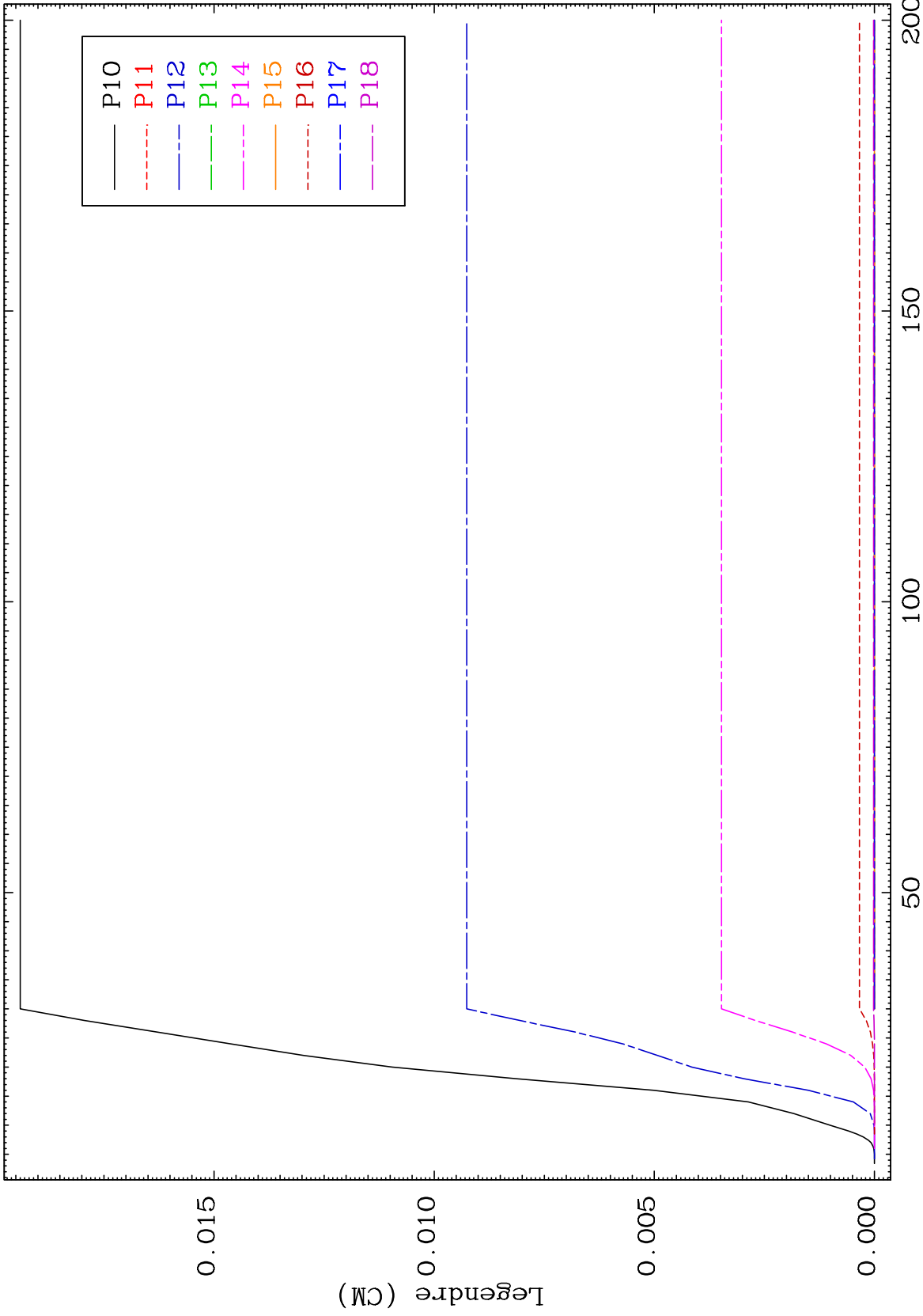


56 Incident Energy (MeV) 30-Zn-68

MAT 3037

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

30-Zn-68



57

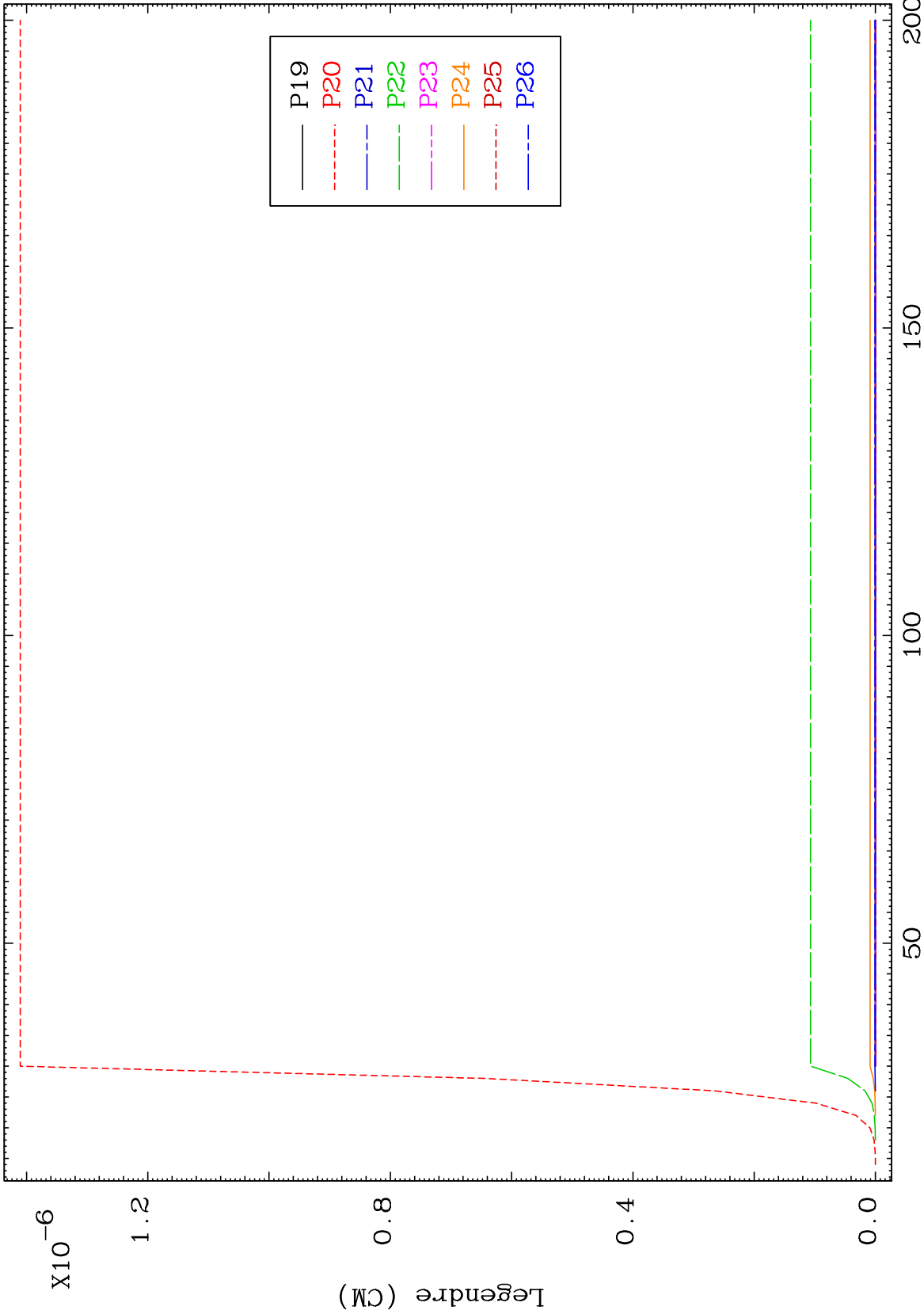
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

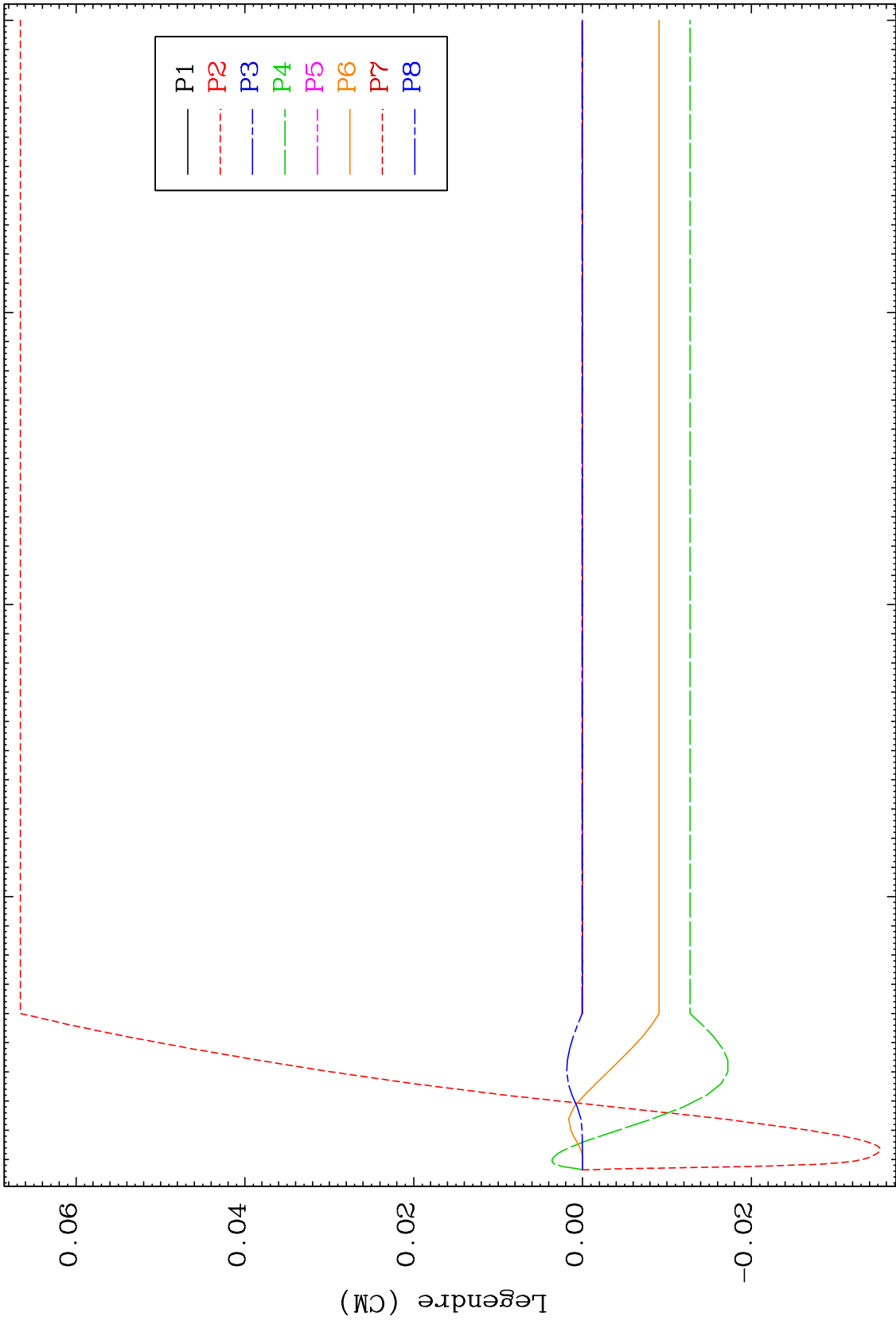


58

Incident Energy (MeV)

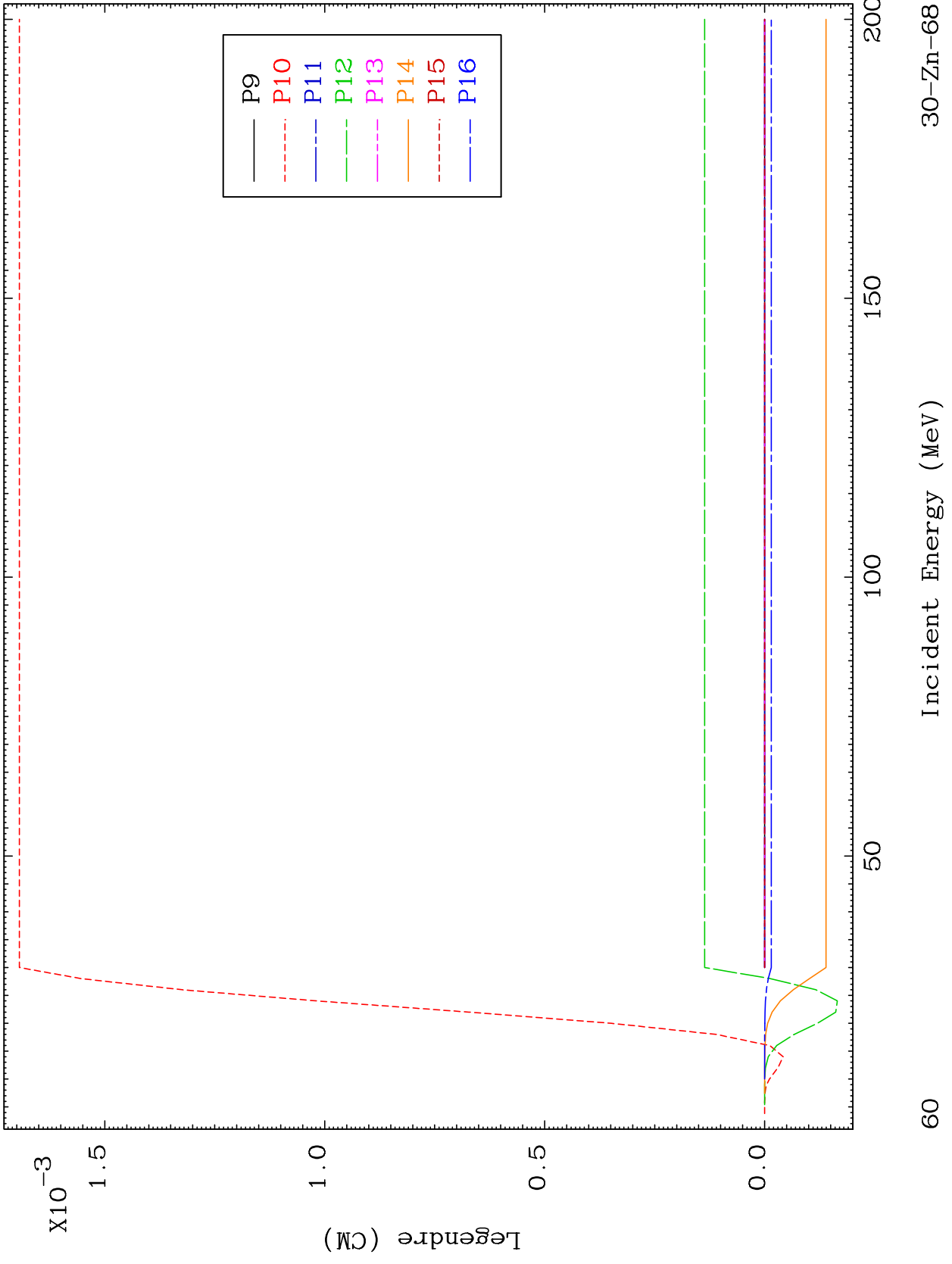
30-Zn-68

MAT 3037 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-68



59 Incident Energy (MeV) 200 30-Zn-68

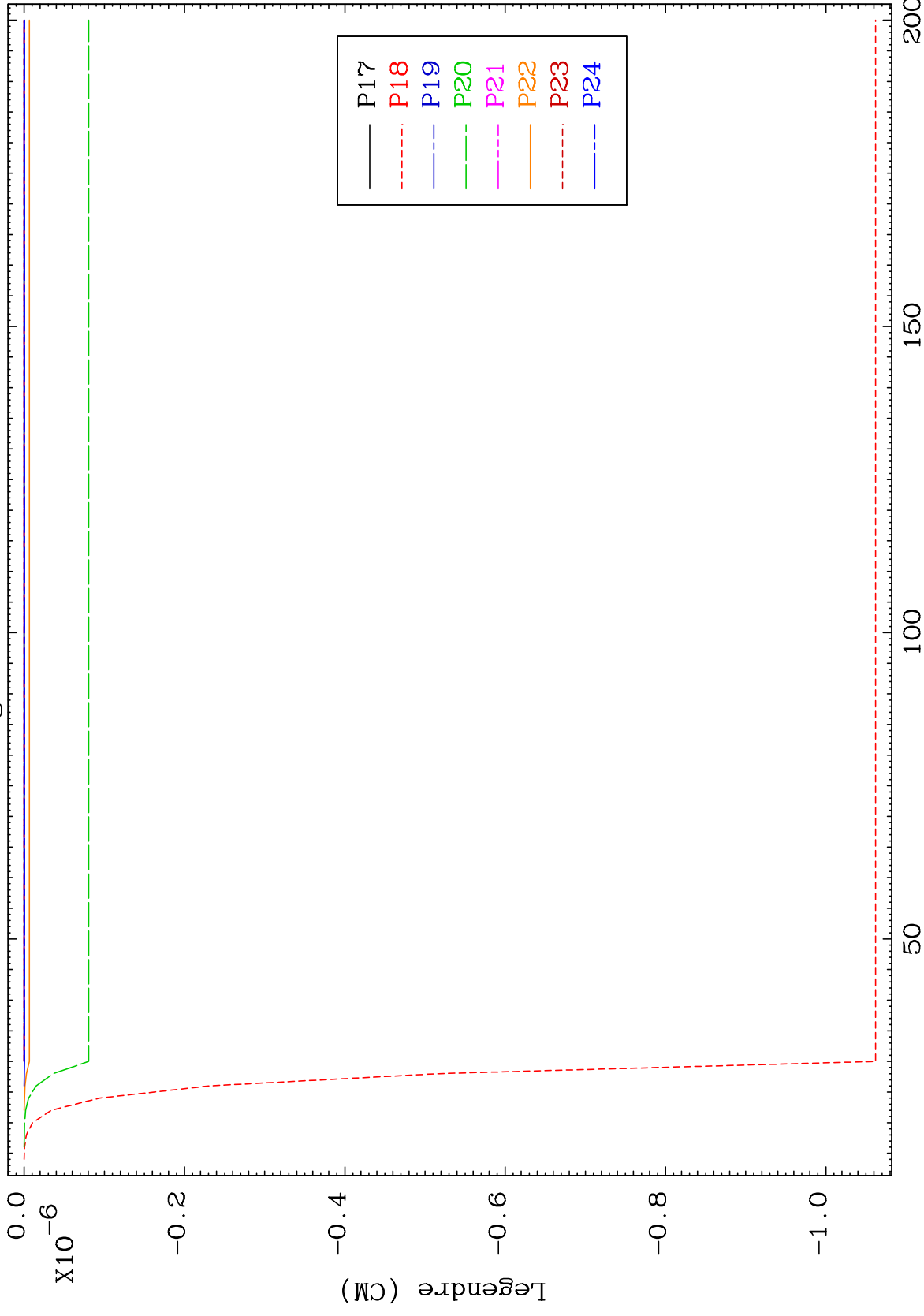
MAT 3037 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037

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

30-Zn-68



61

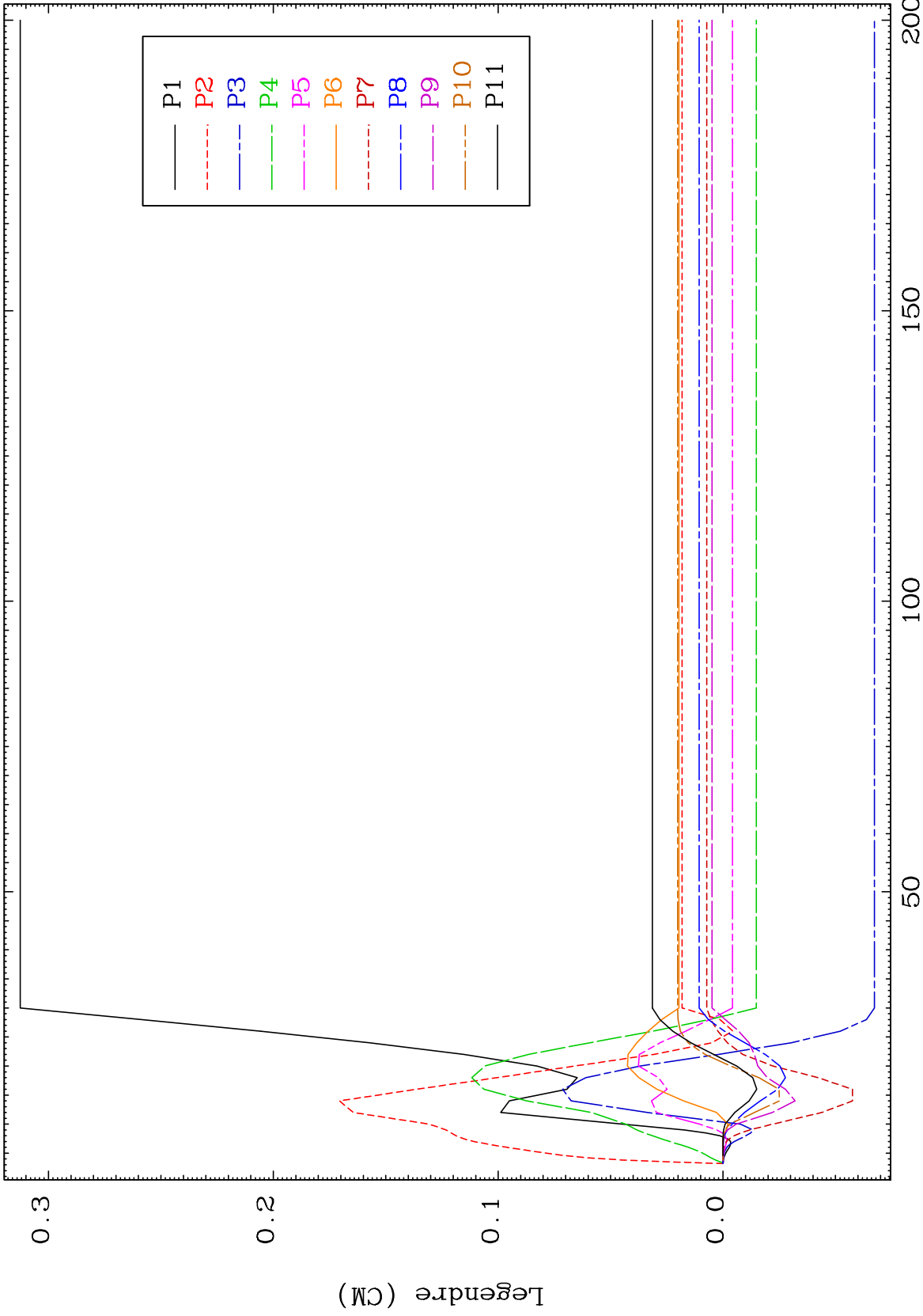
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



62

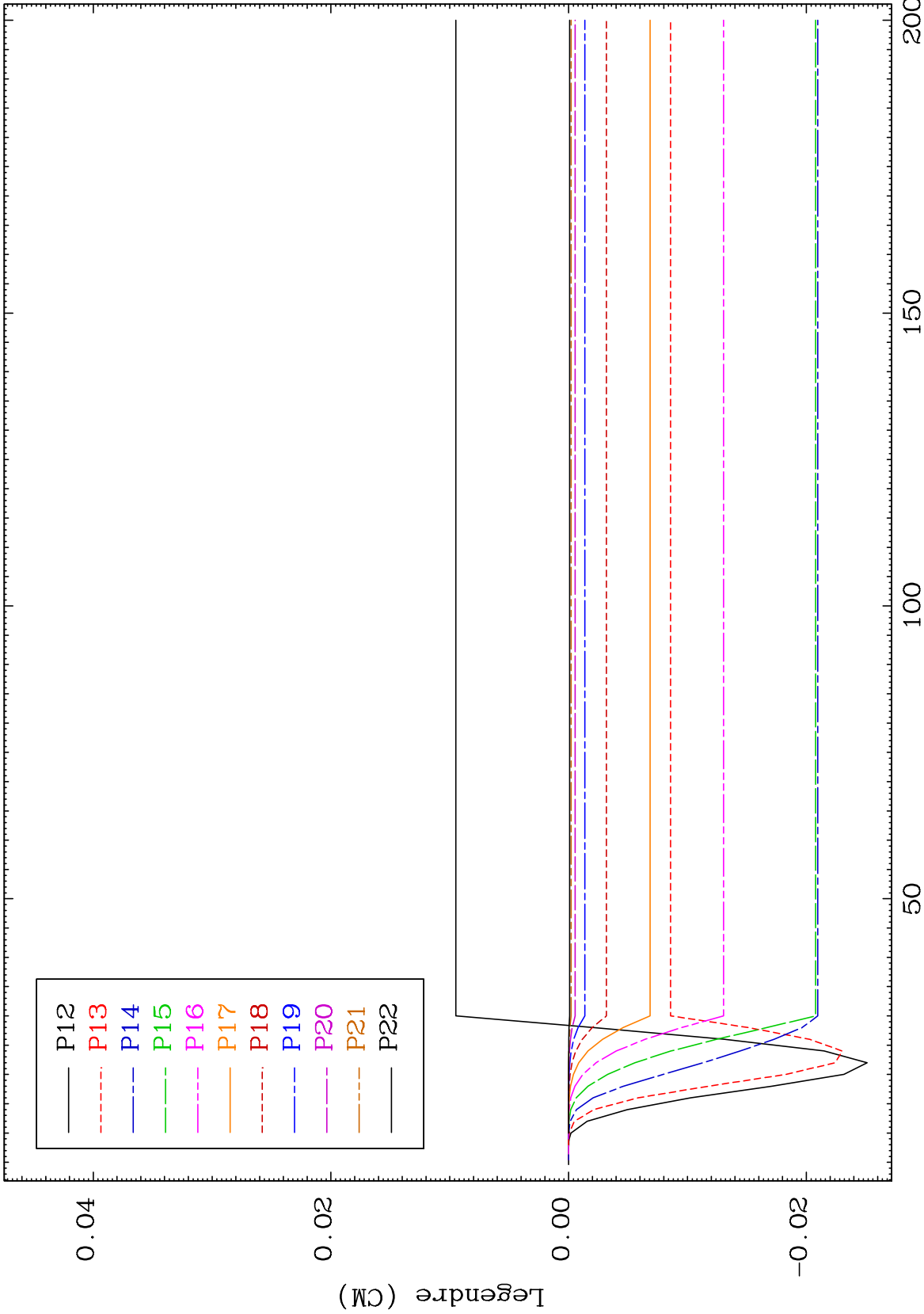
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



63

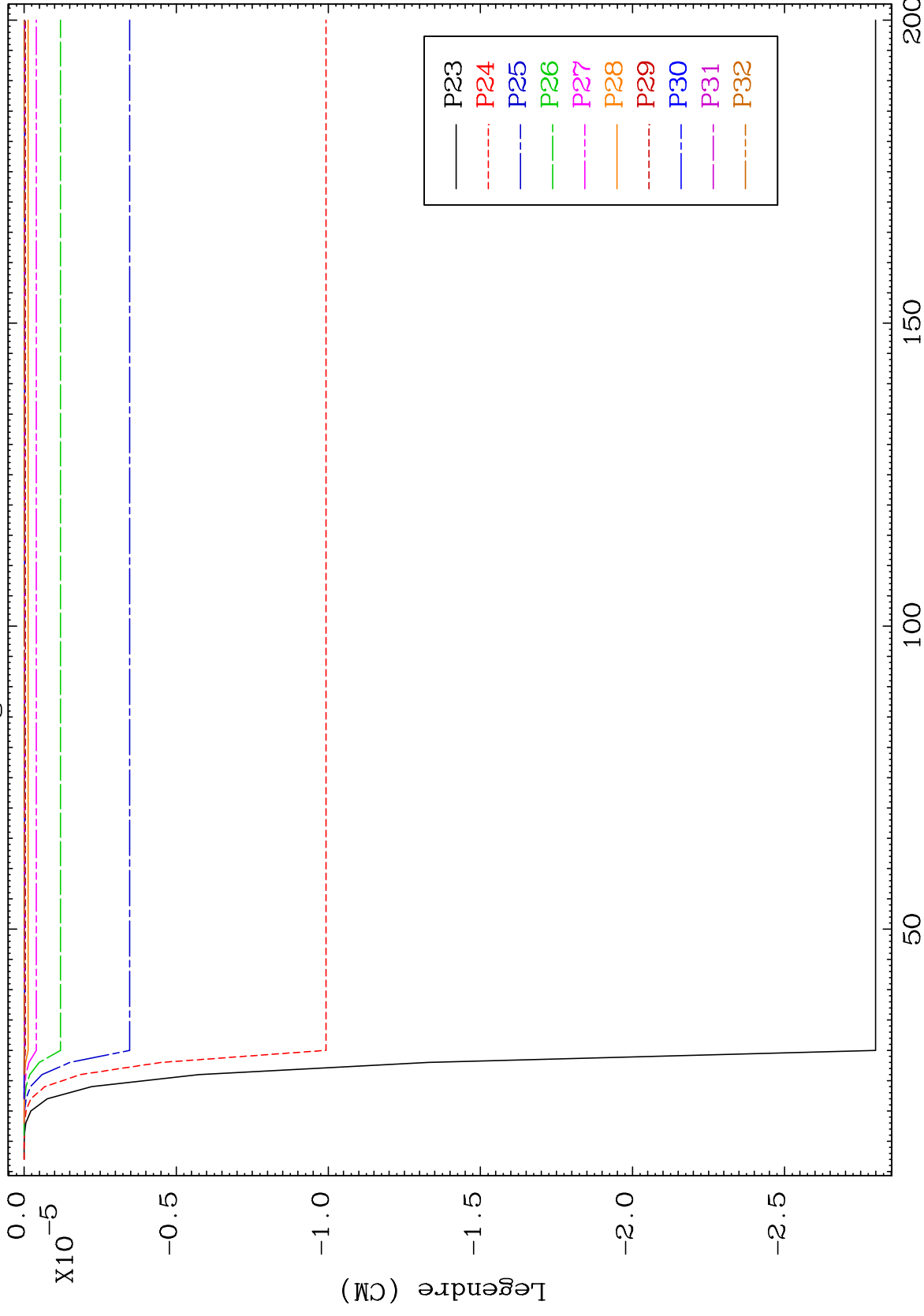
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



30-Zn-68

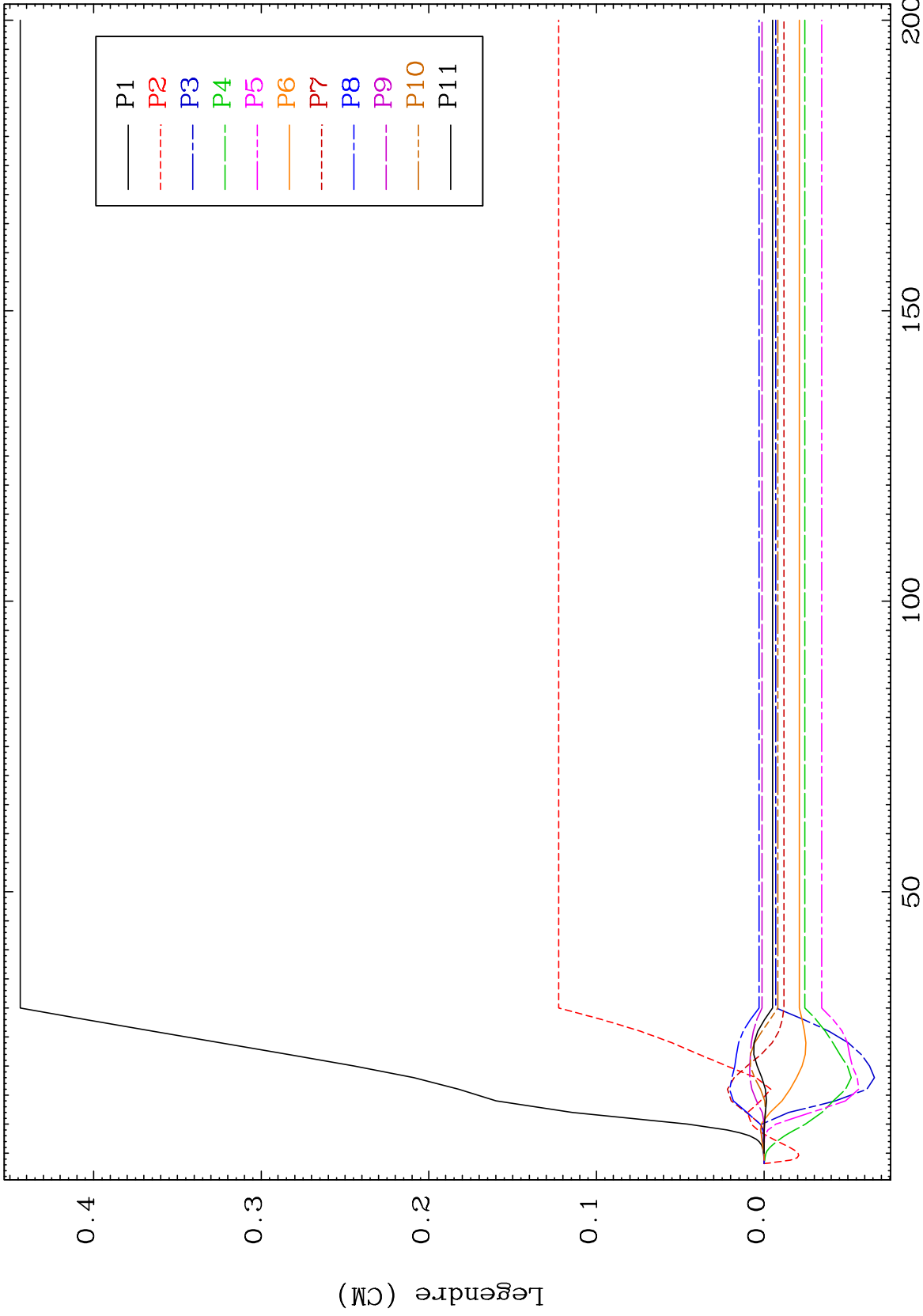
Incident Energy (MeV)

64

MAT 3037

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

30-Zn-68



65

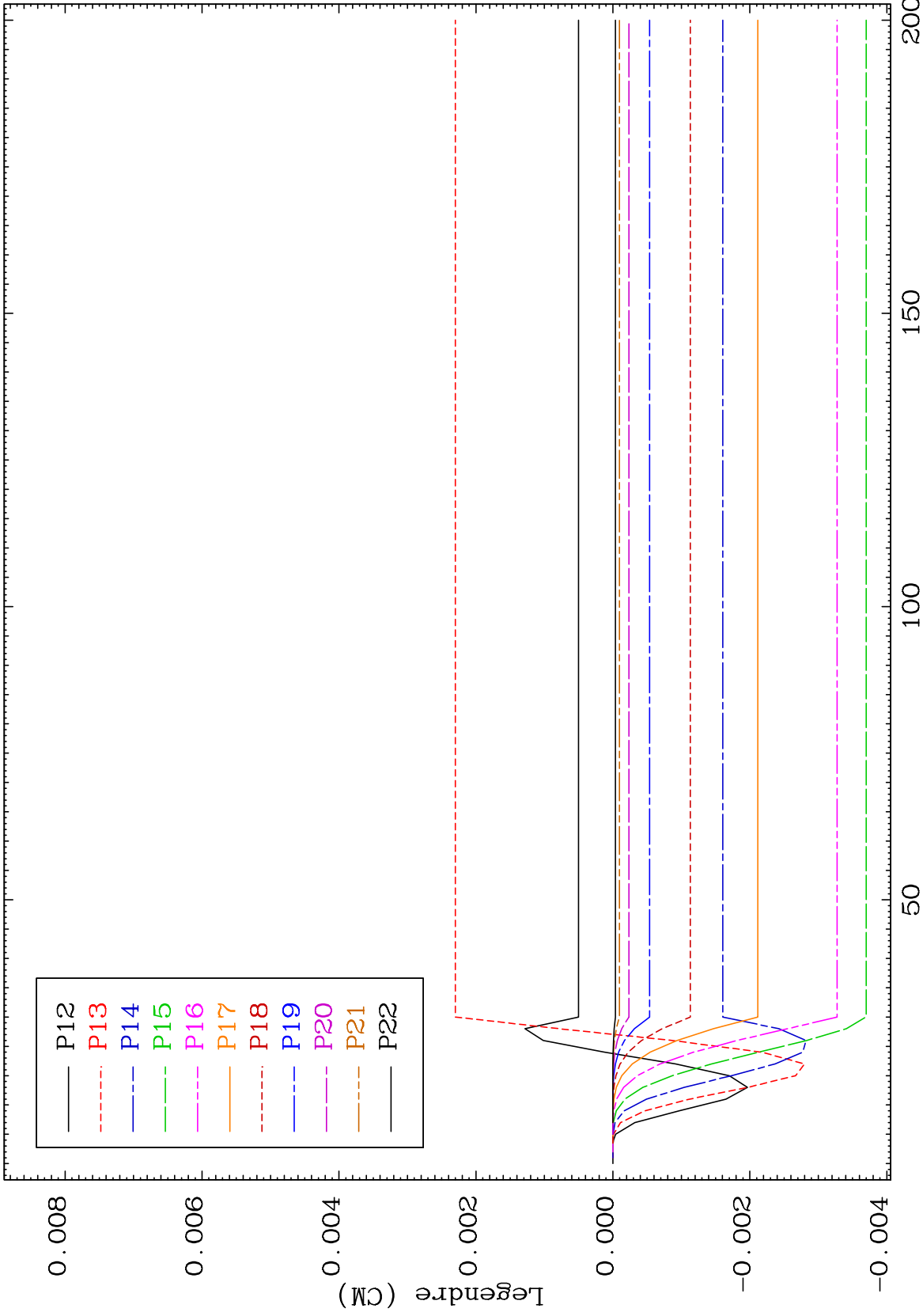
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



66

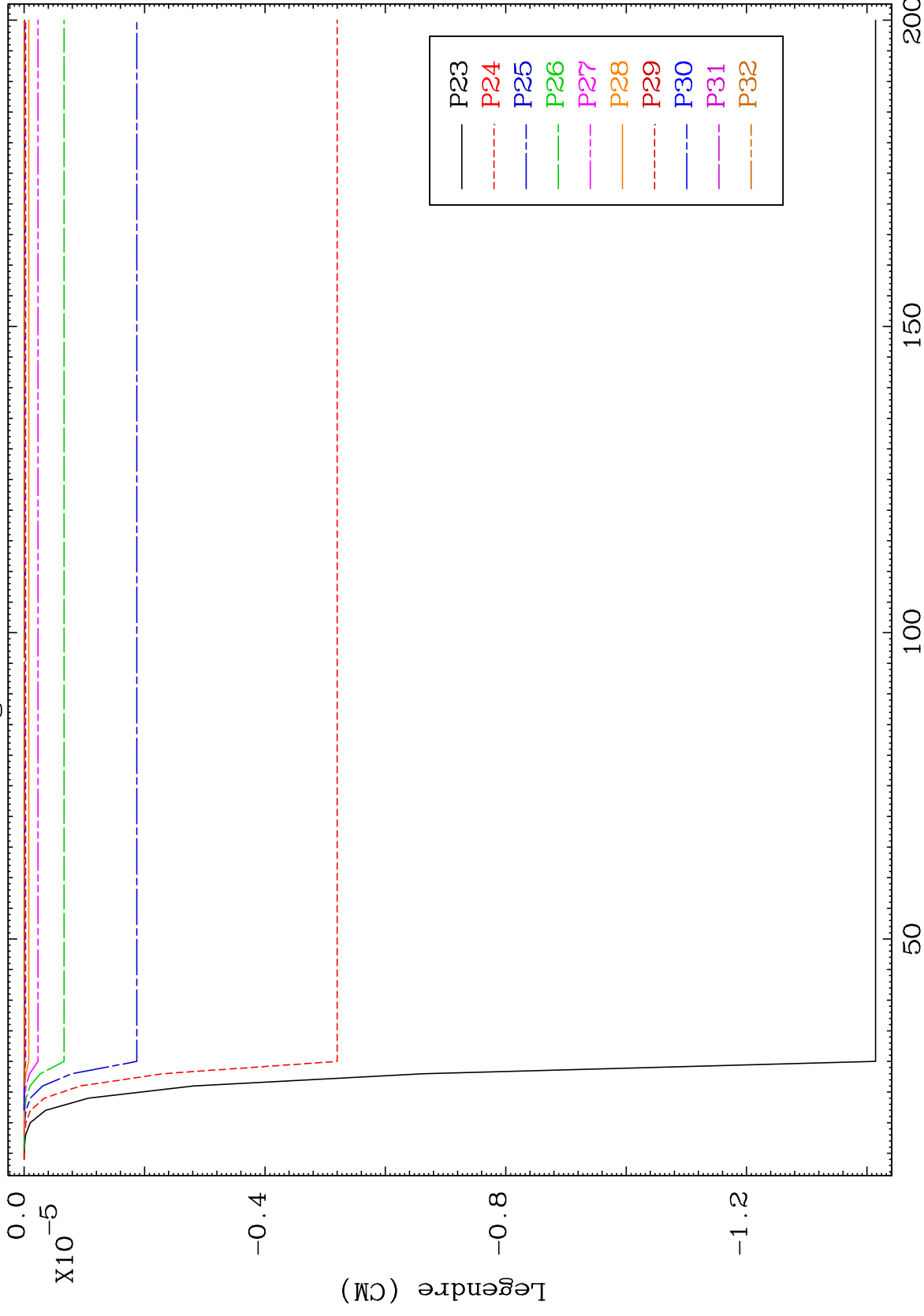
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

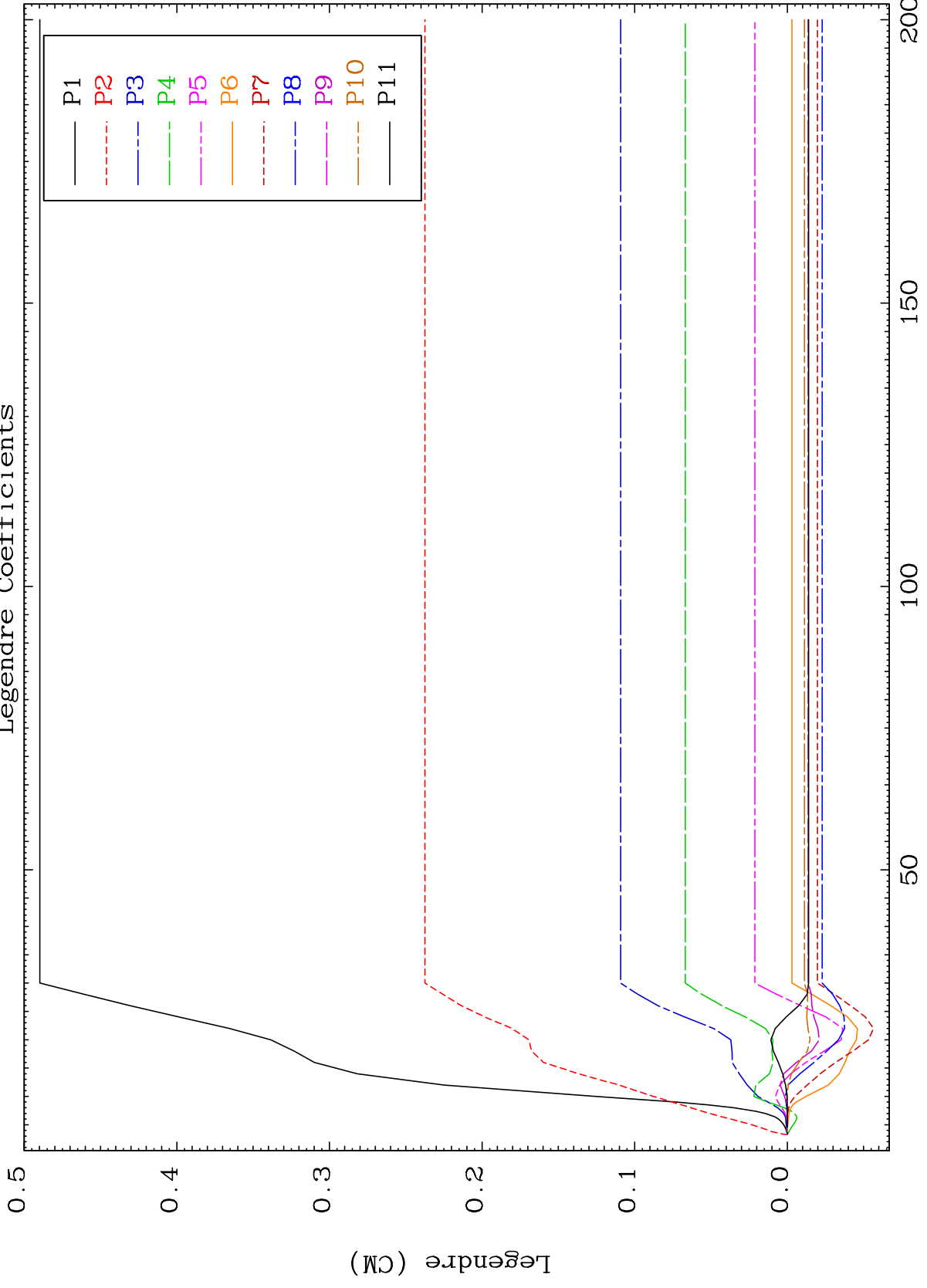
30-Zn-68



67

30-Zn-68

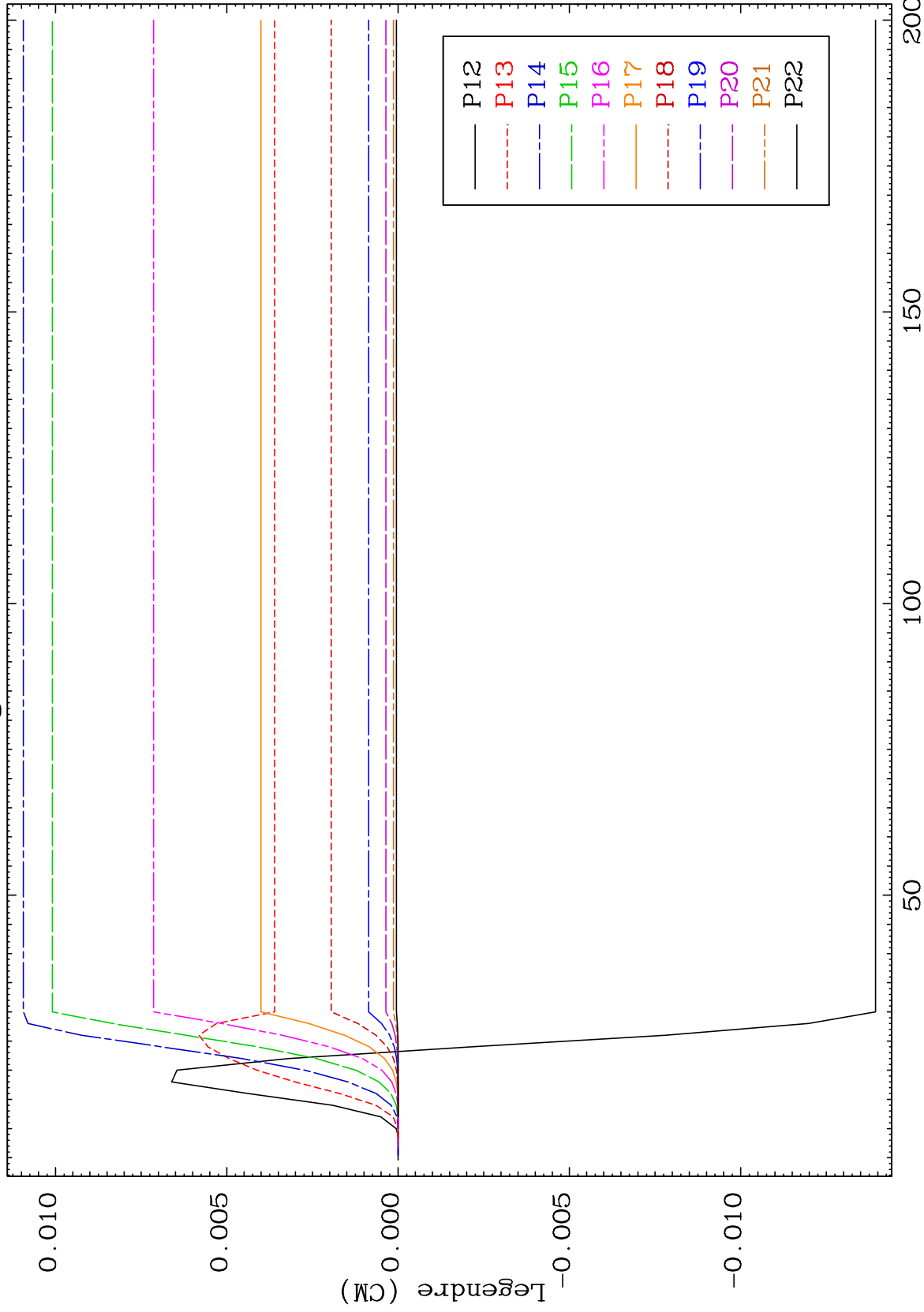
MAT 3037 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037

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

30-Zn-68



69

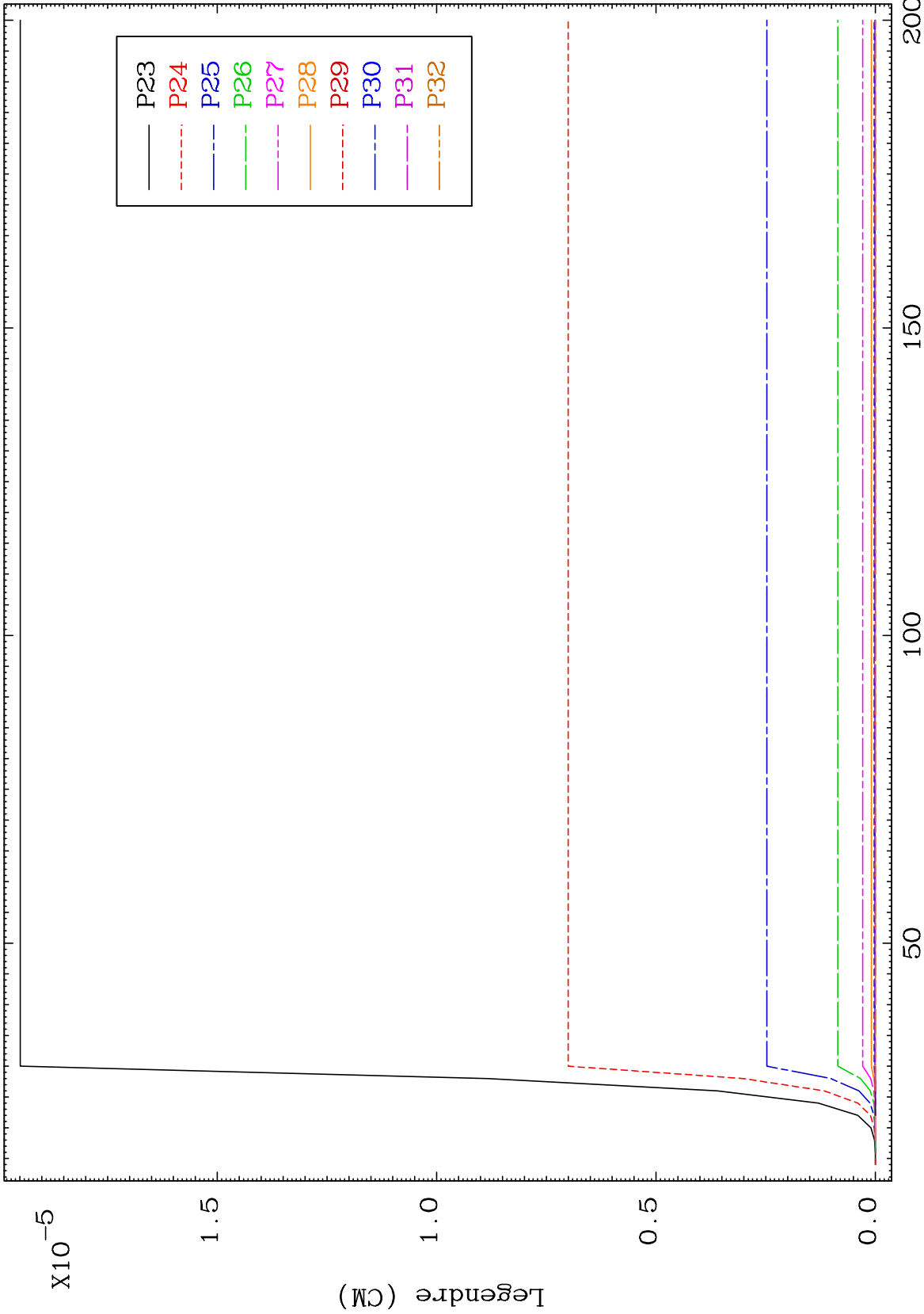
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

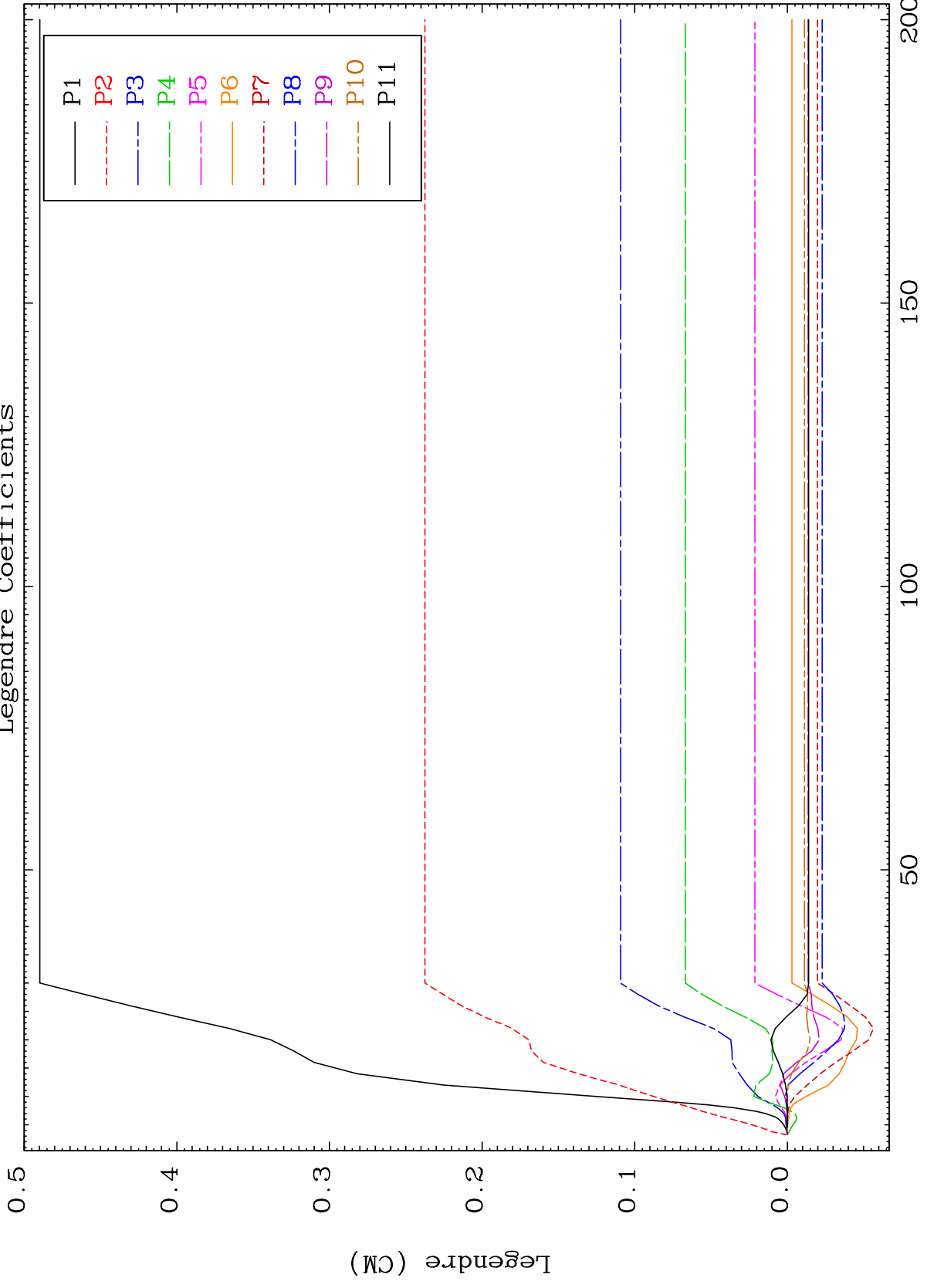


70

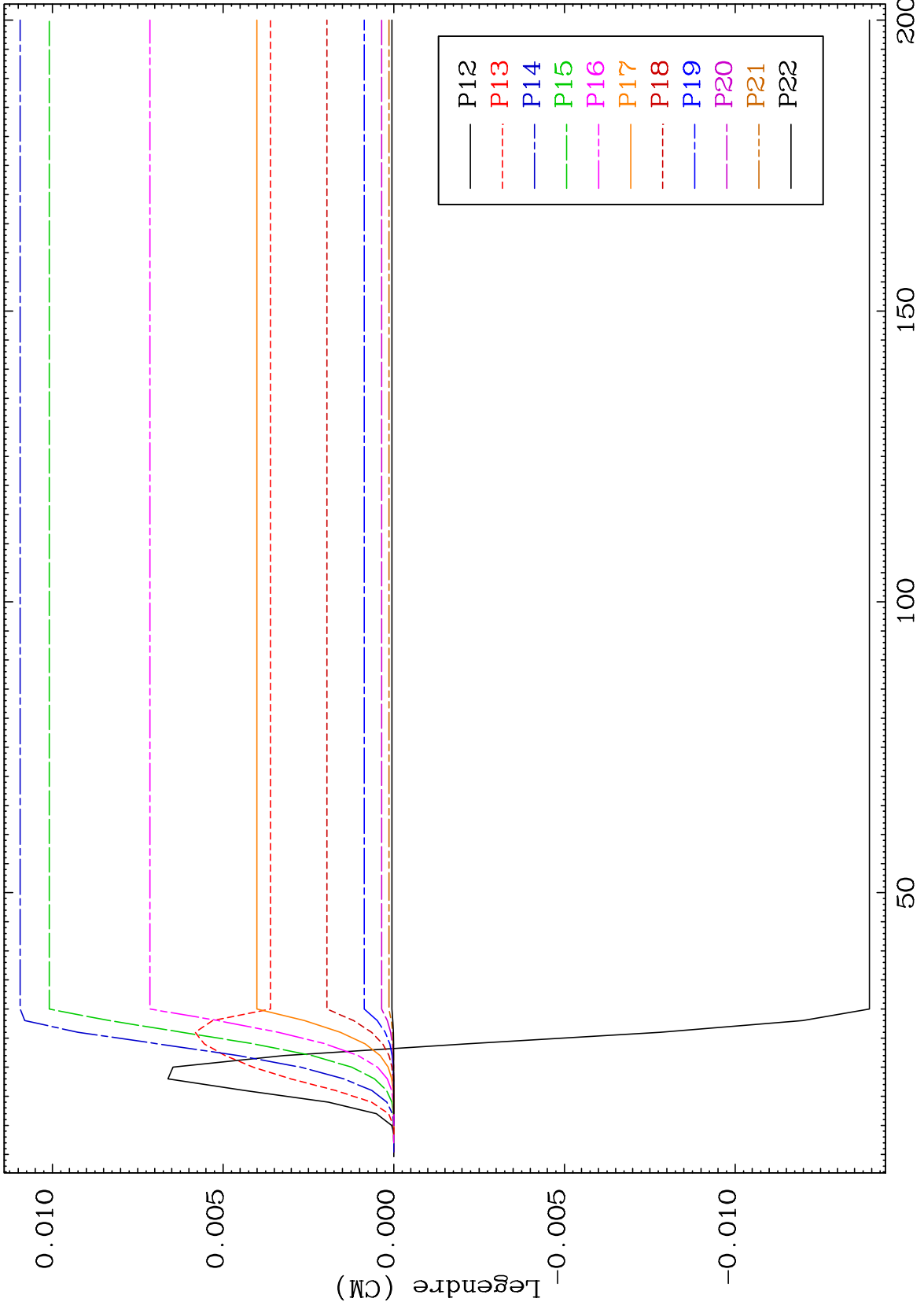
Incident Energy (MeV)

30-Zn-68

MAT 3037 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-68

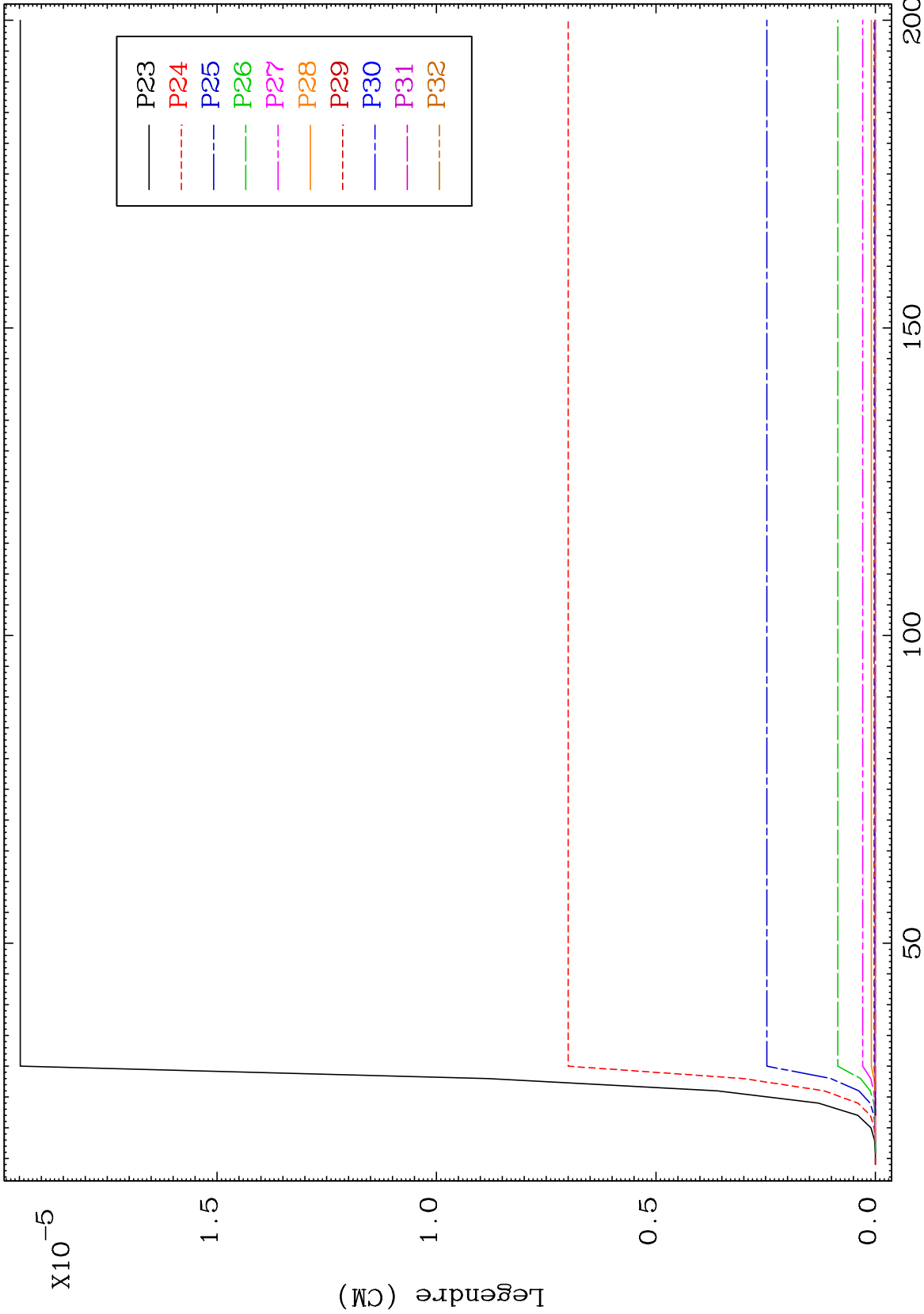


72 30-Zn-68

MAT 3037

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

30-Zn-68



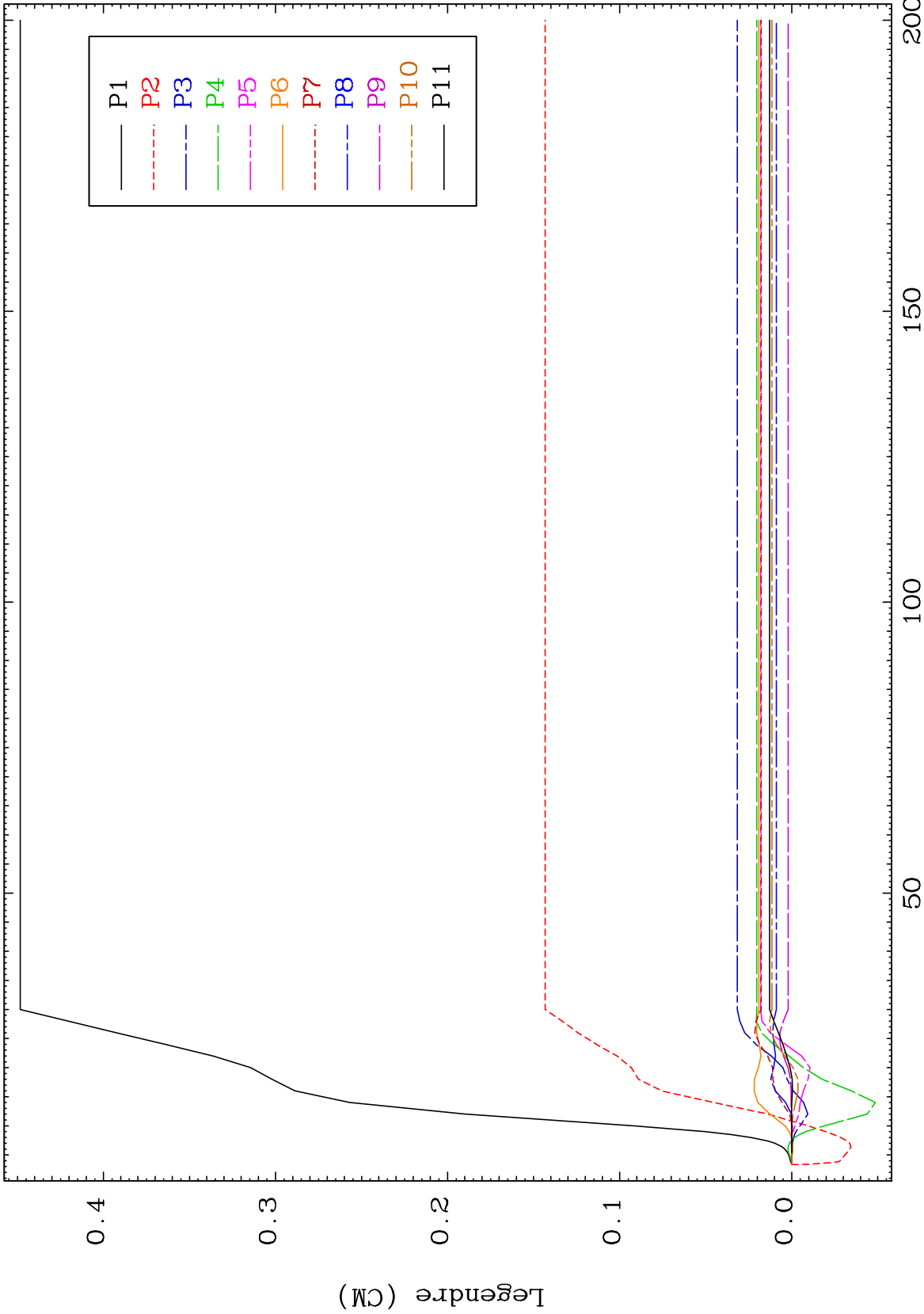
73

30-Zn-68

MAT 3037

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

30-Zn-68



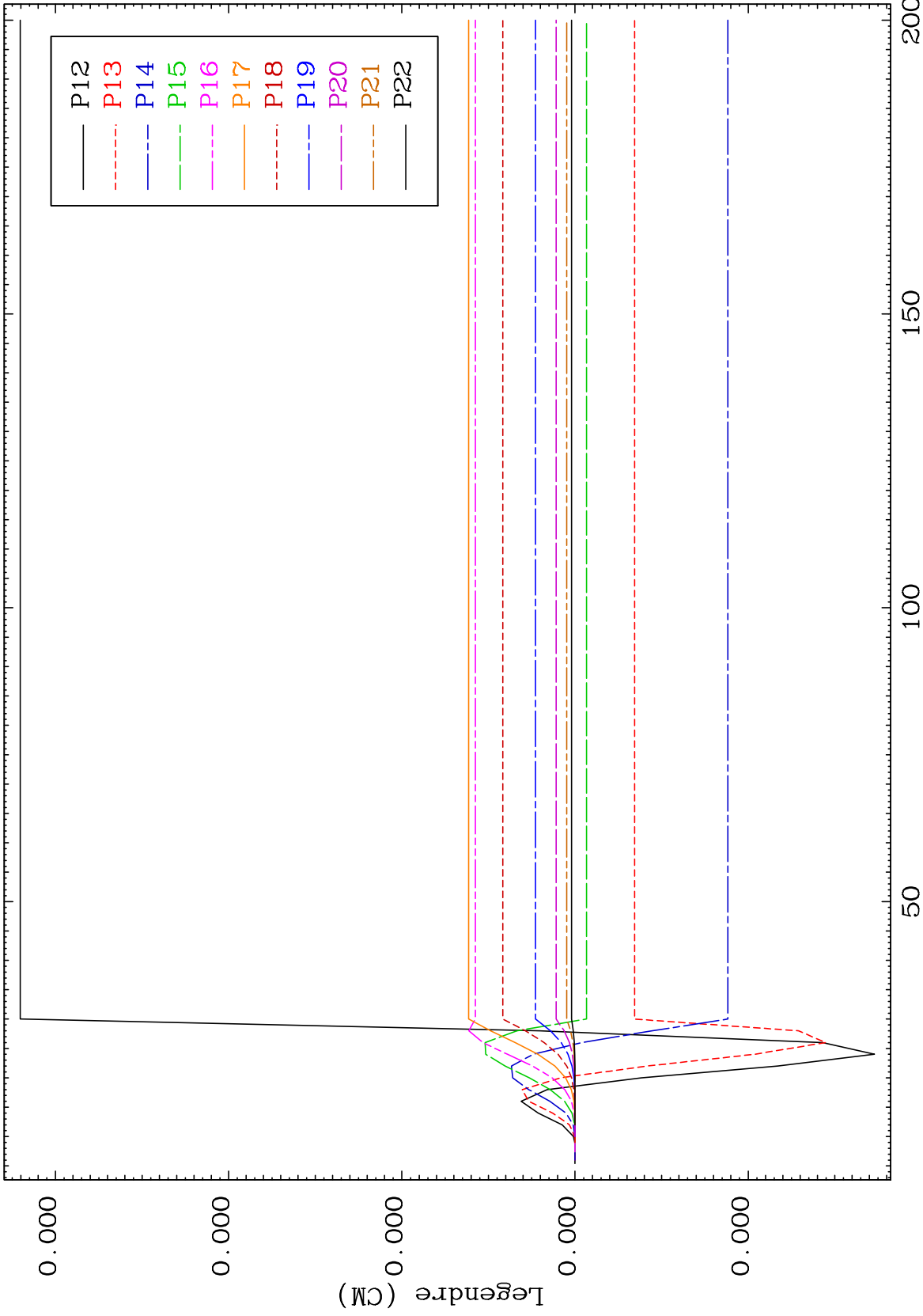
74

30-Zn-68

MAT 3037

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

30-Zn-68



75

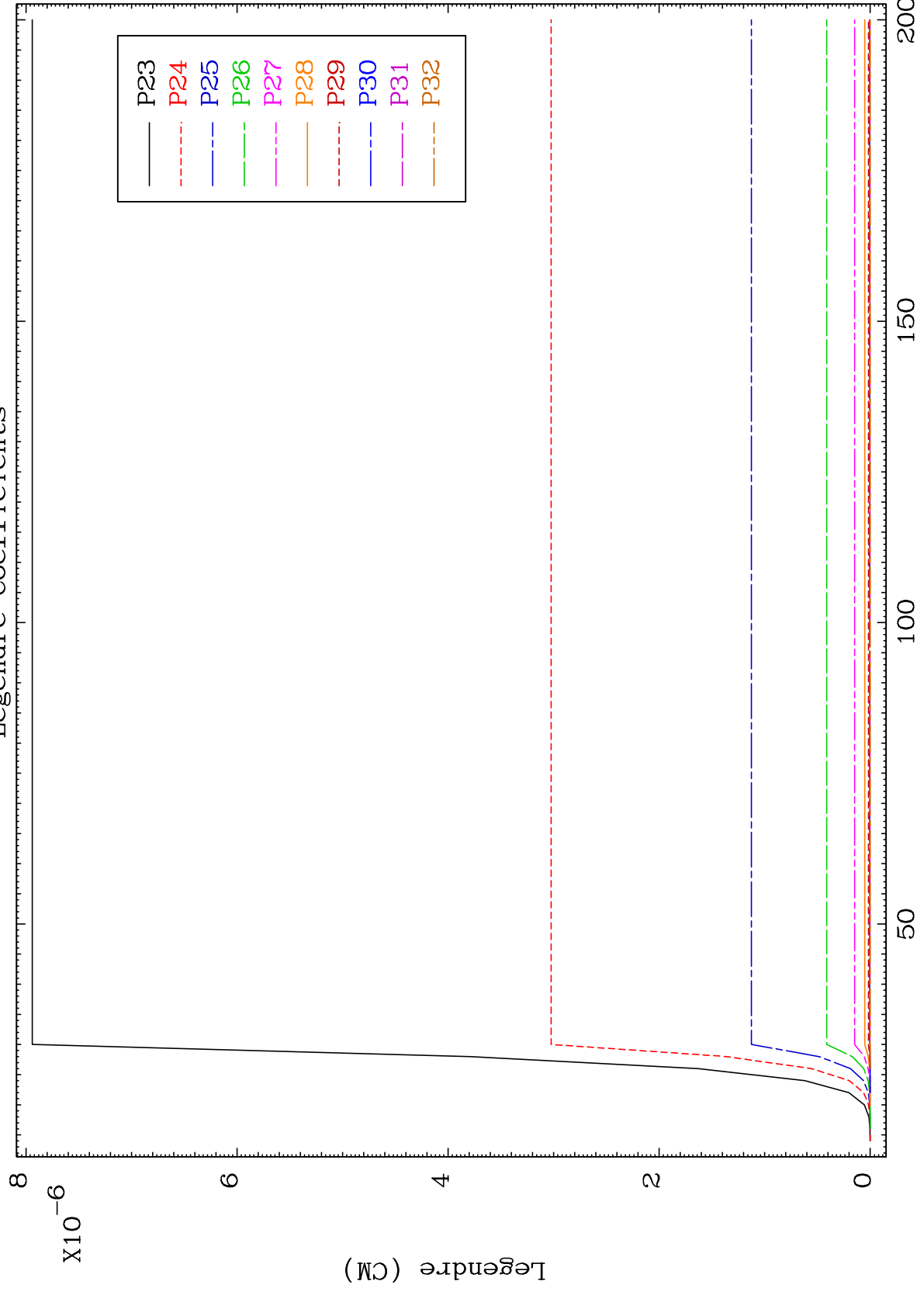
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



76

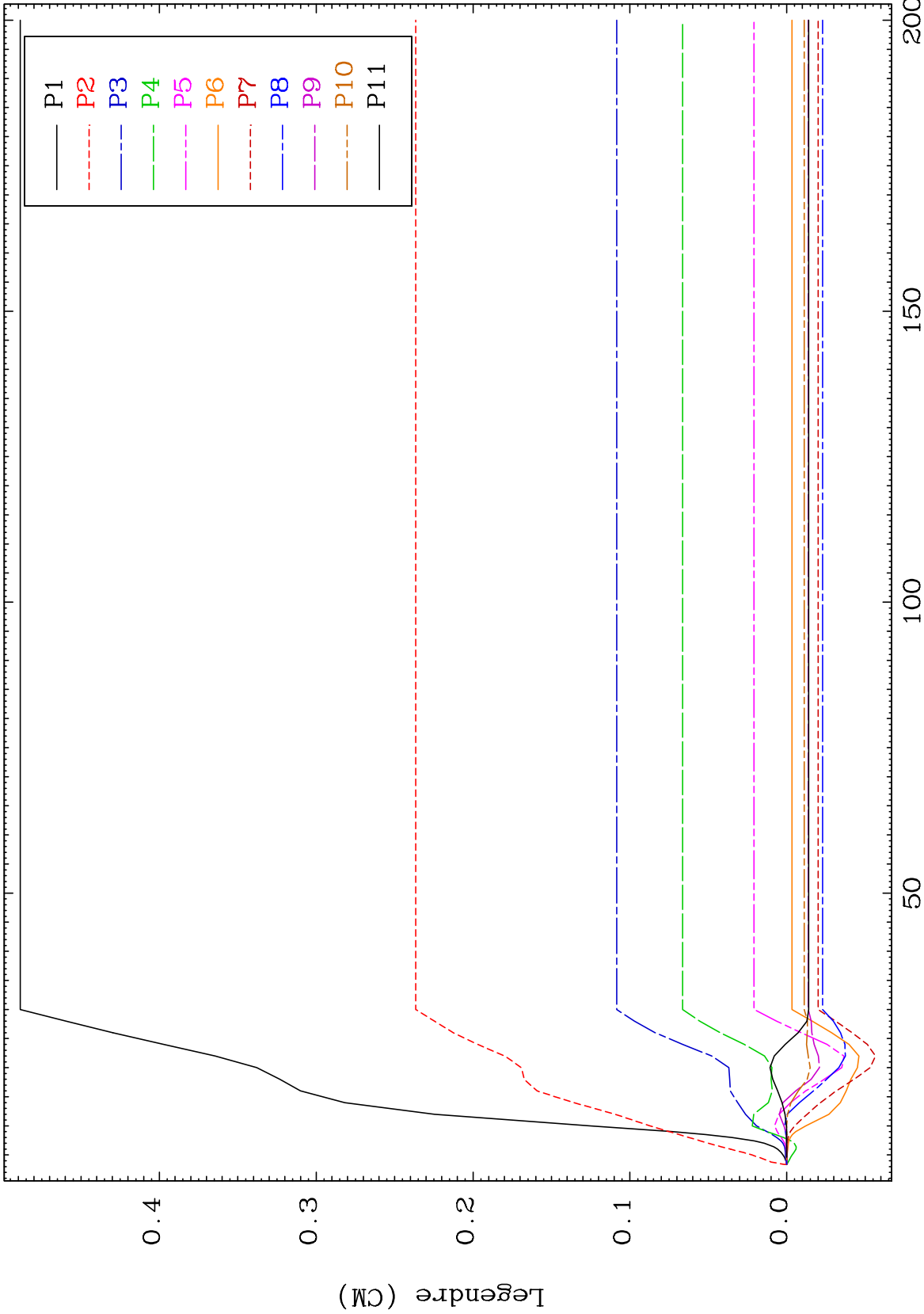
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

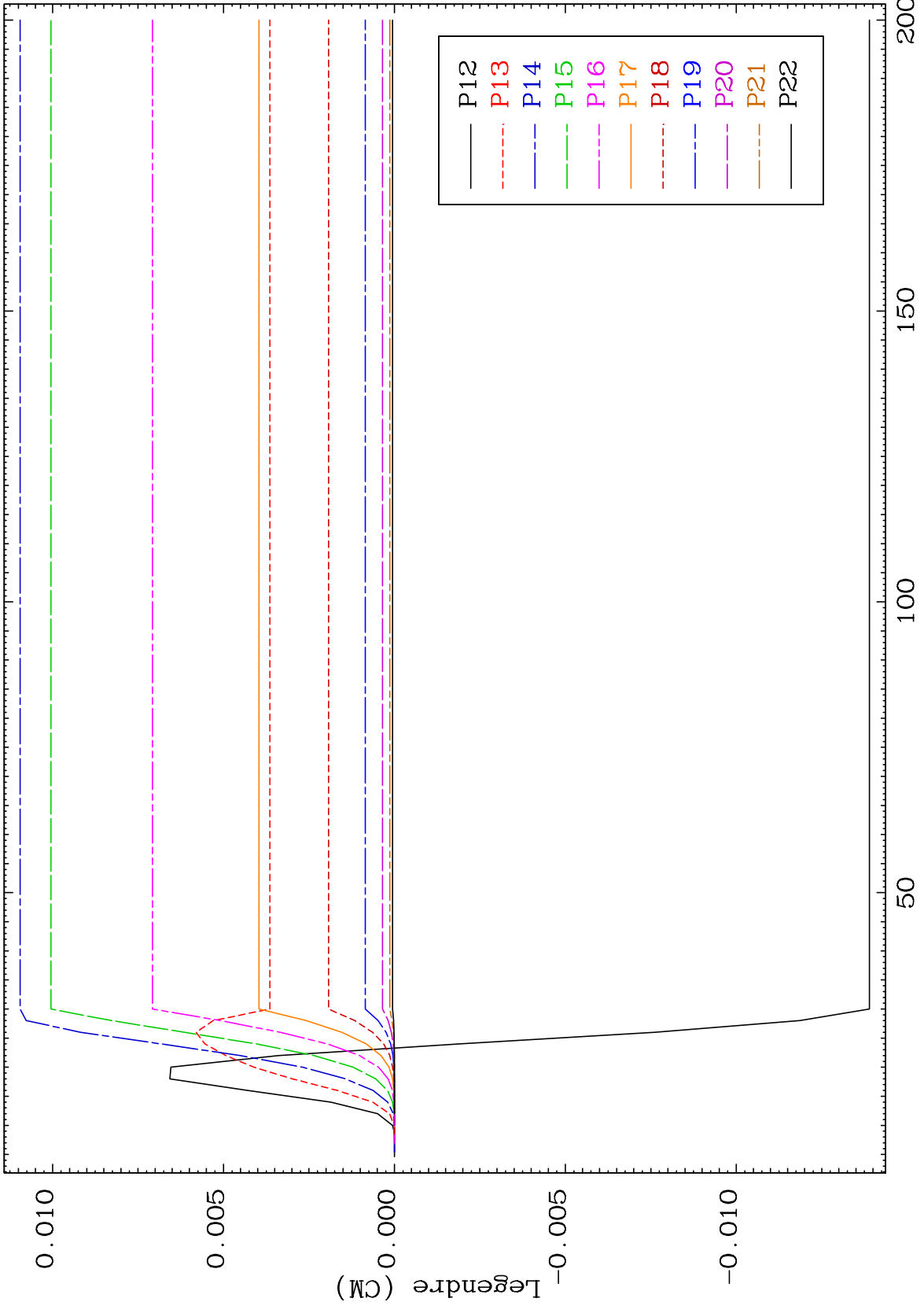


77

Incident Energy (MeV)

30-Zn-68

MAT 3037 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-68

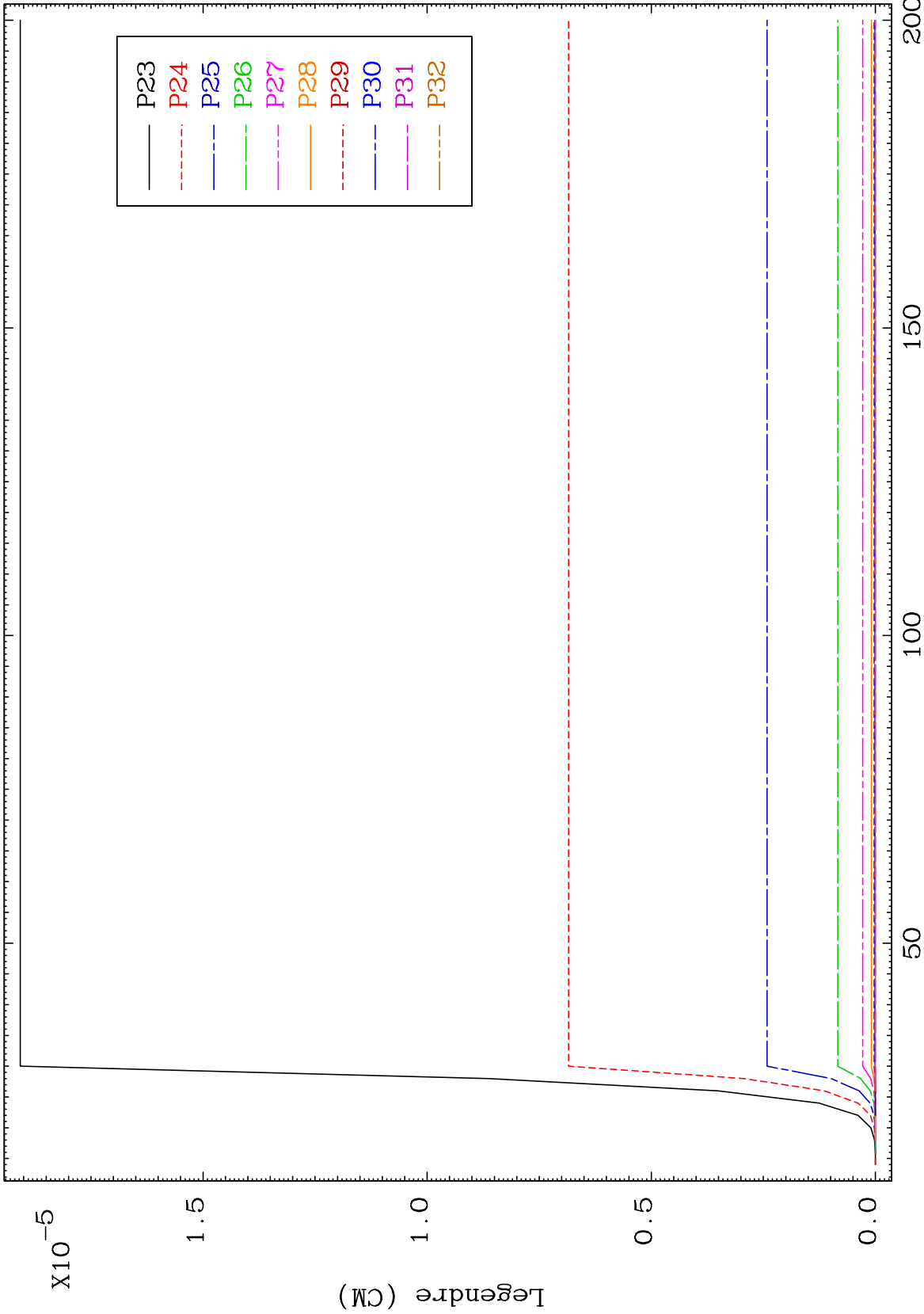


78 Incident Energy (MeV) 30-Zn-68

MAT 3037

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

30-Zn-68

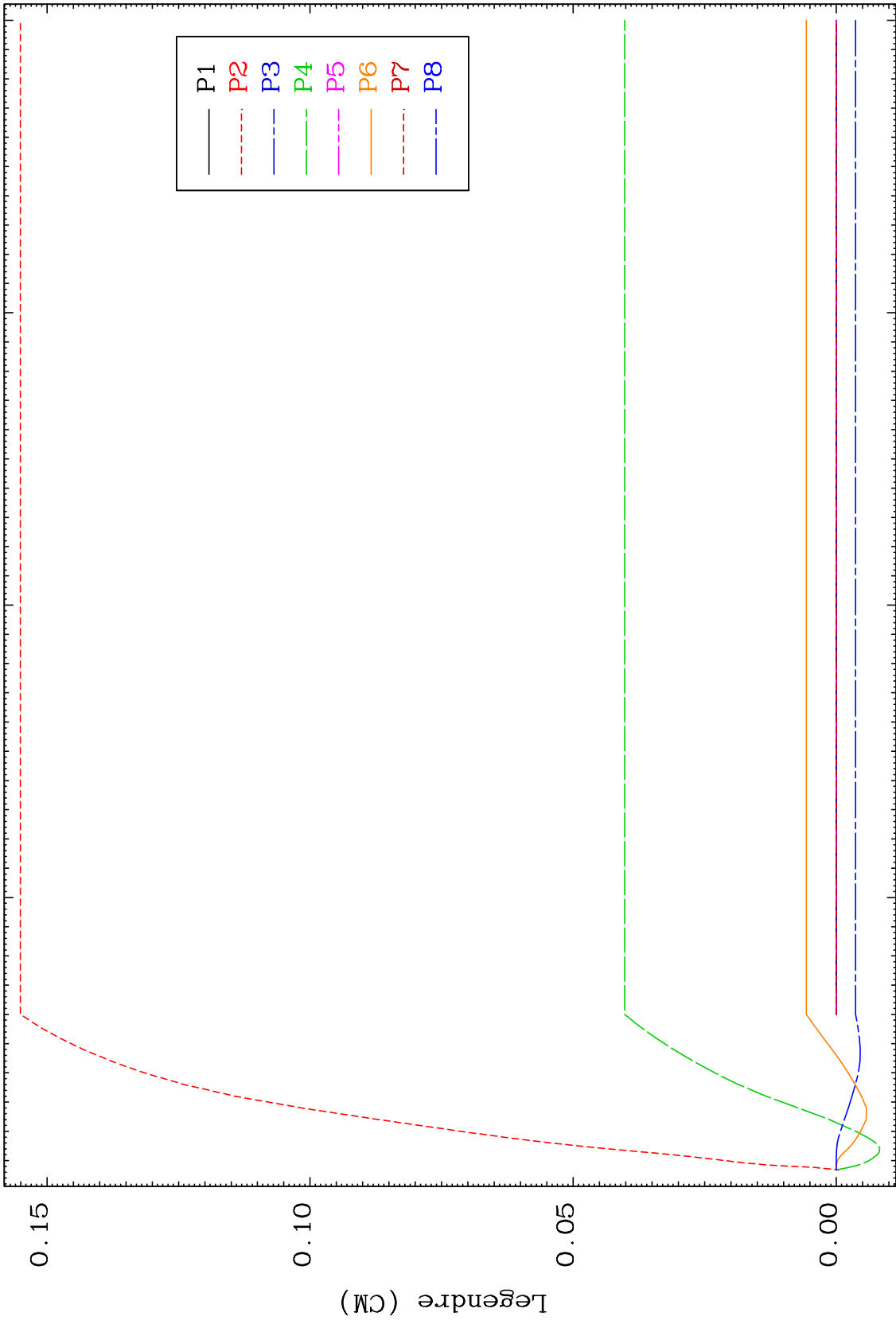


79

Incident Energy (MeV)

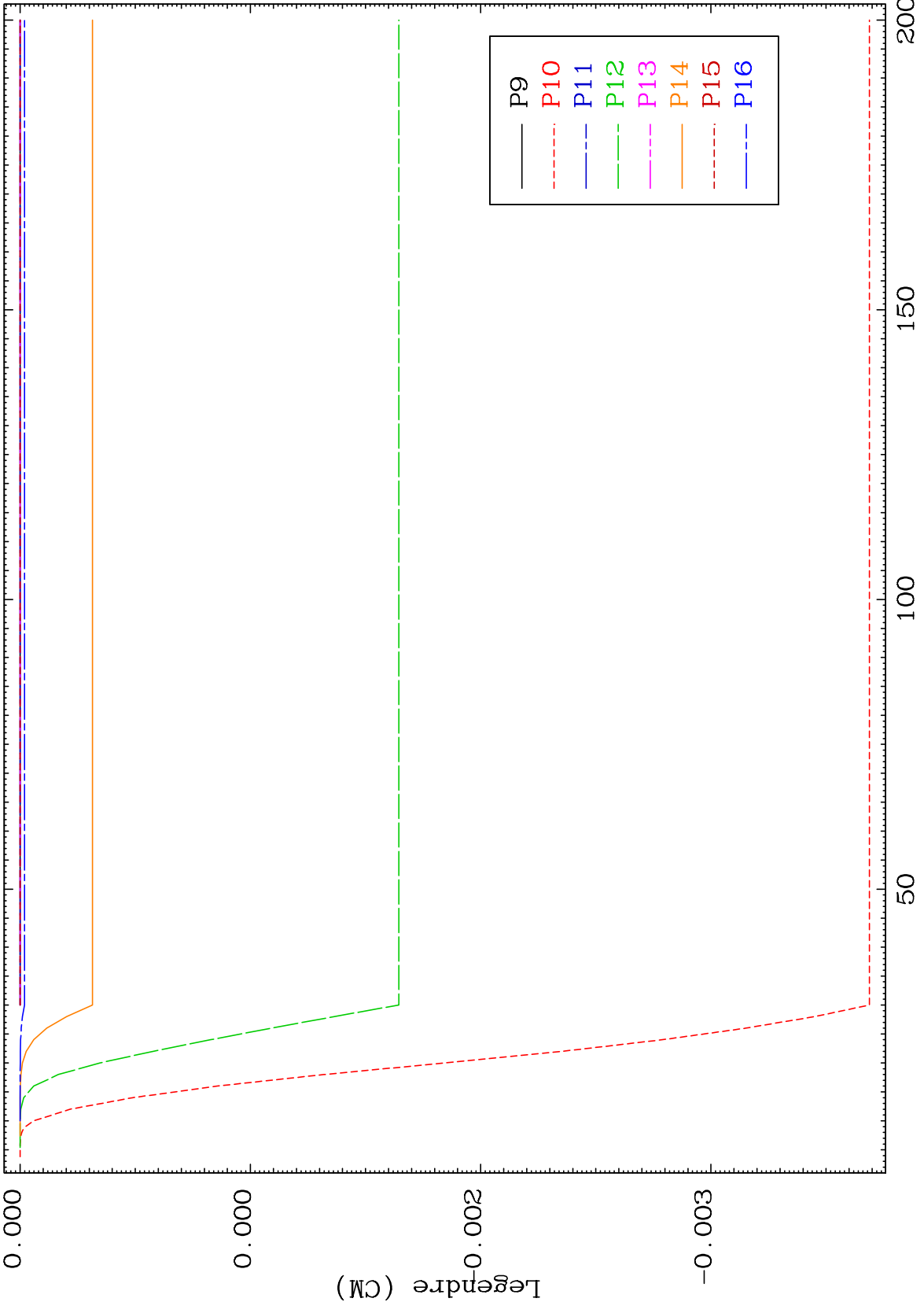
30-Zn-68

MAT 3037 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-68



Legendre (CM) Incident Energy (MeV) 30-Zn-68

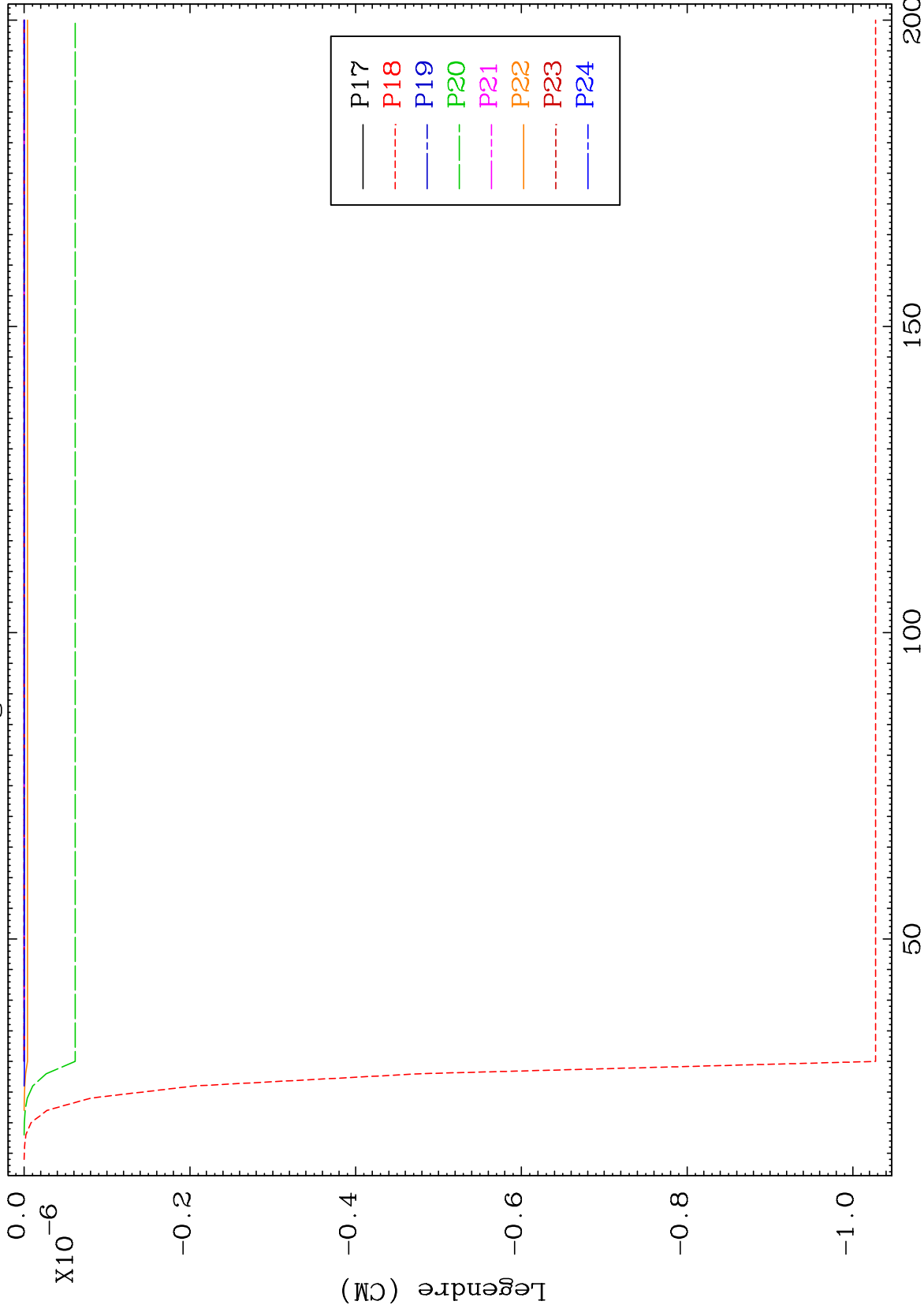
MAT 3037 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037

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

30-Zn-68



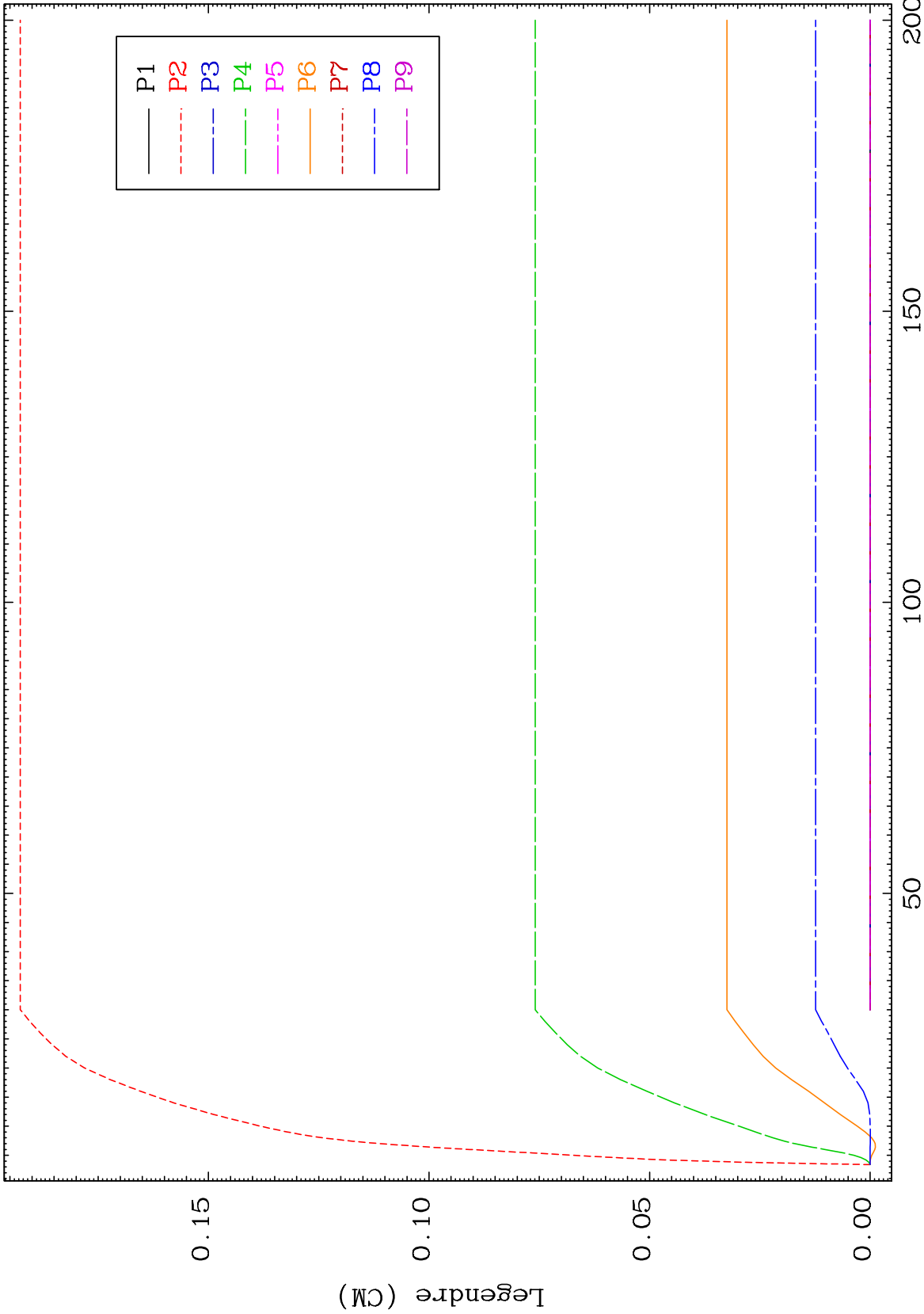
82

30-Zn-68

MAT 3037

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

30-Zn-68



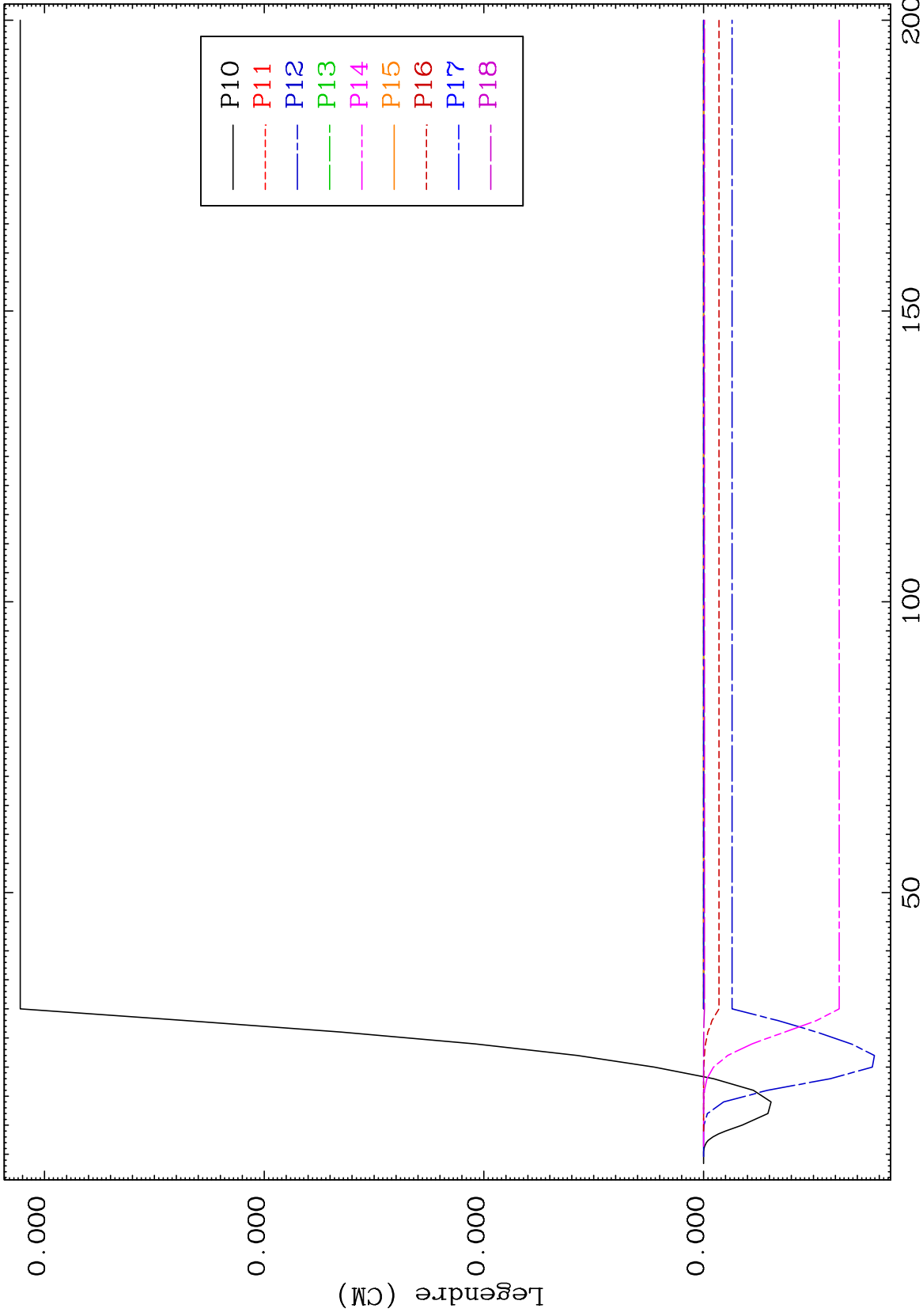
83

30-Zn-68

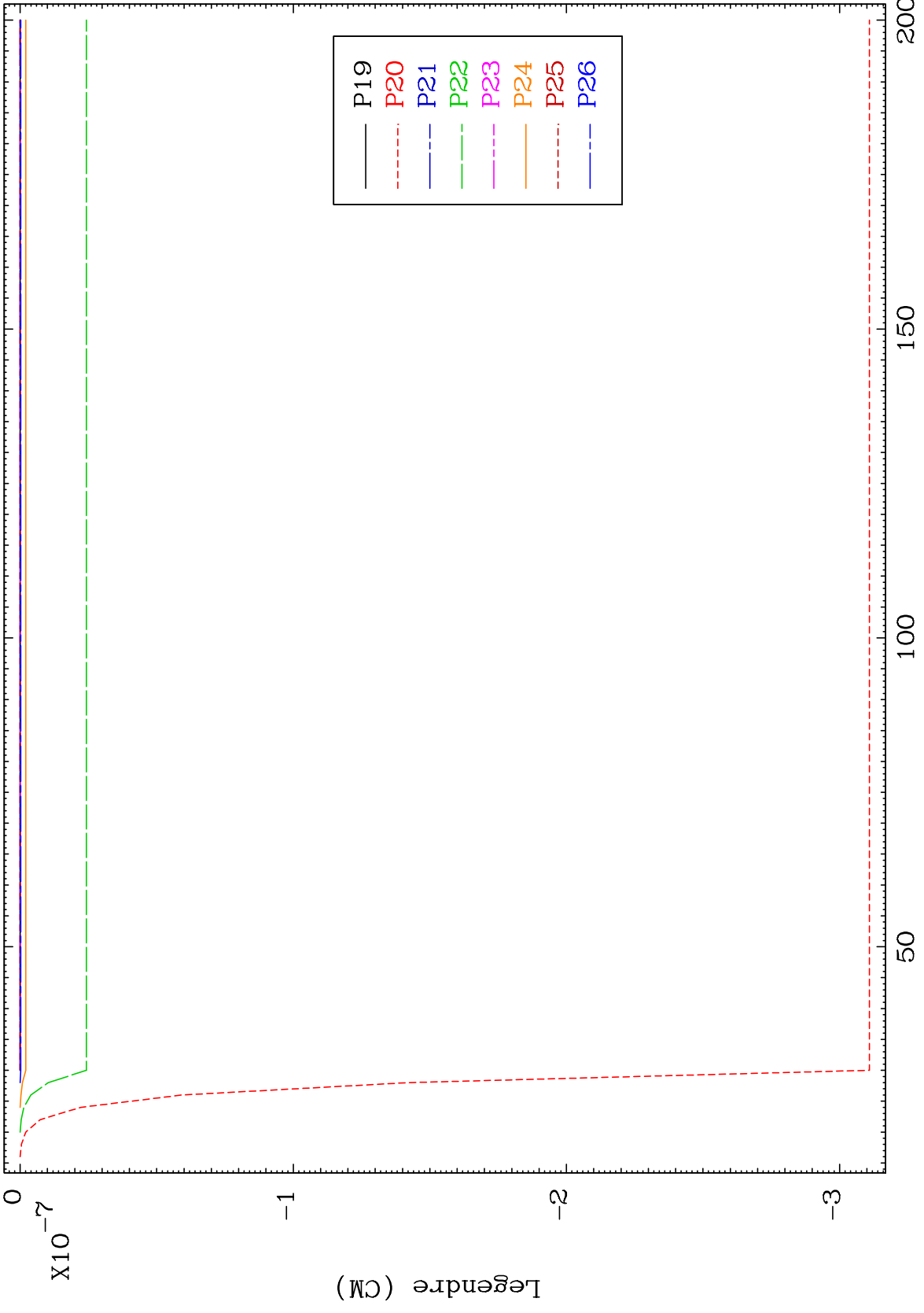
MAT 3037

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

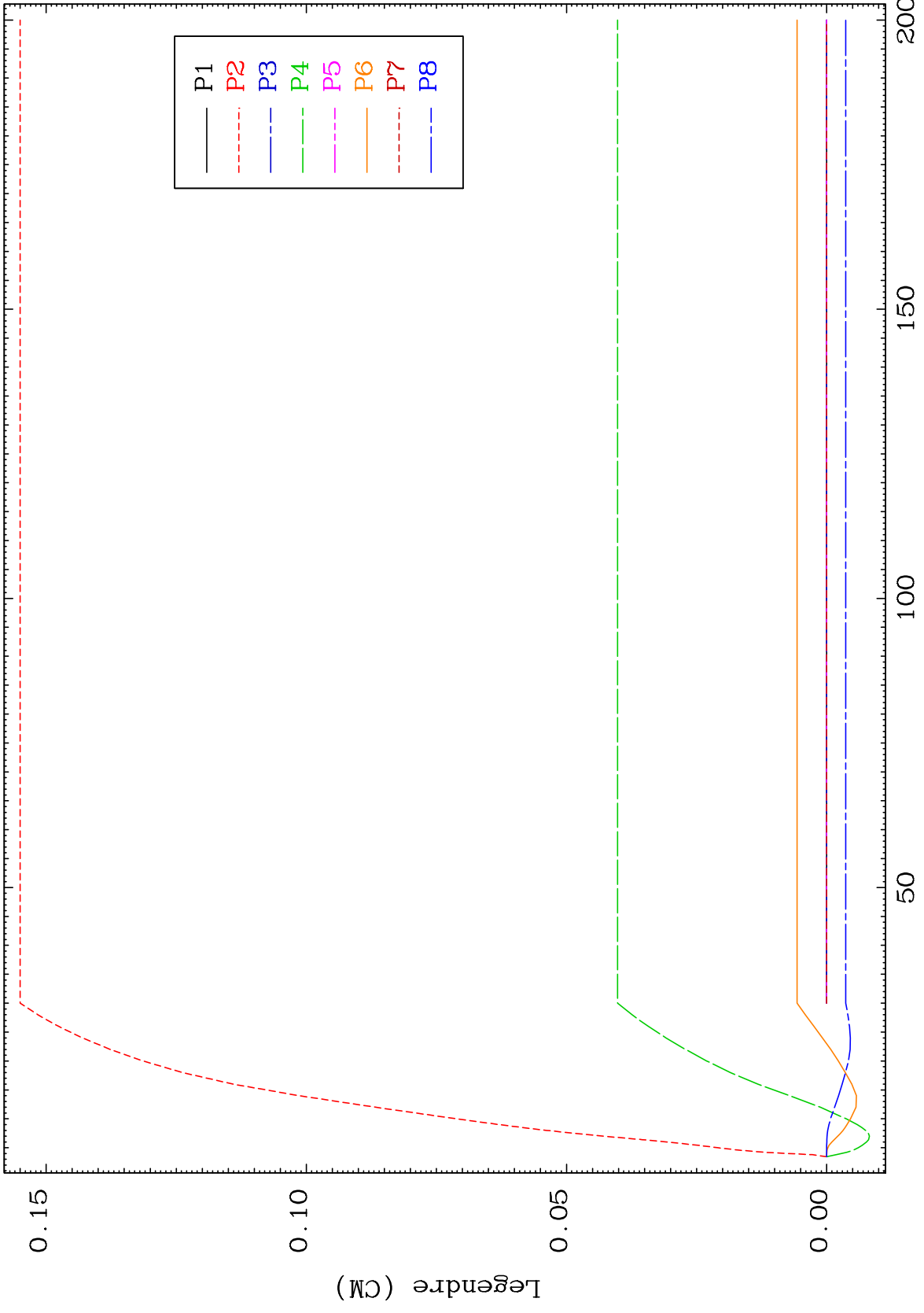
30-Zn-68



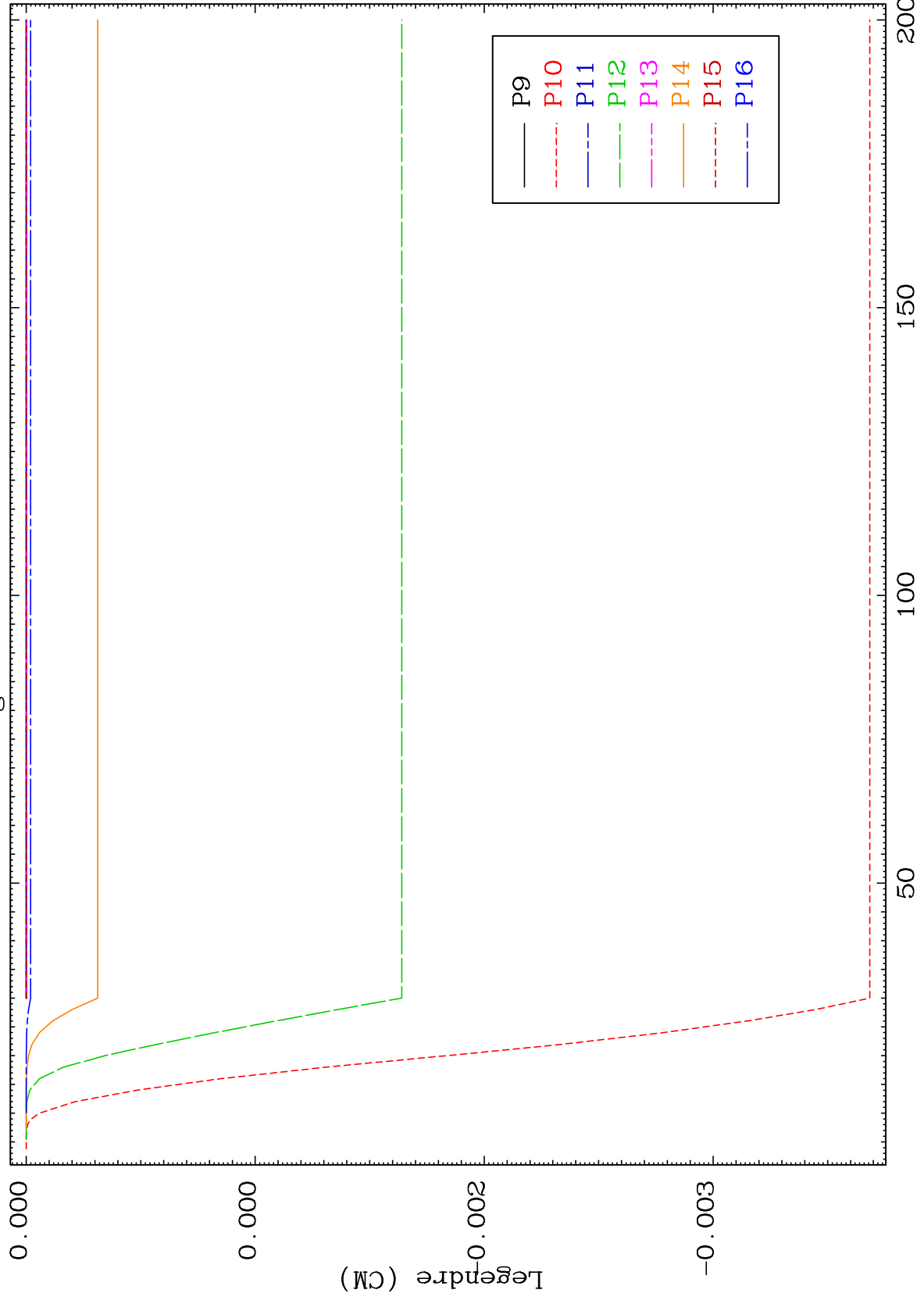
MAT 3037 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-68



85 50 100 150 200 Incident Energy (MeV) 30-Zn-68



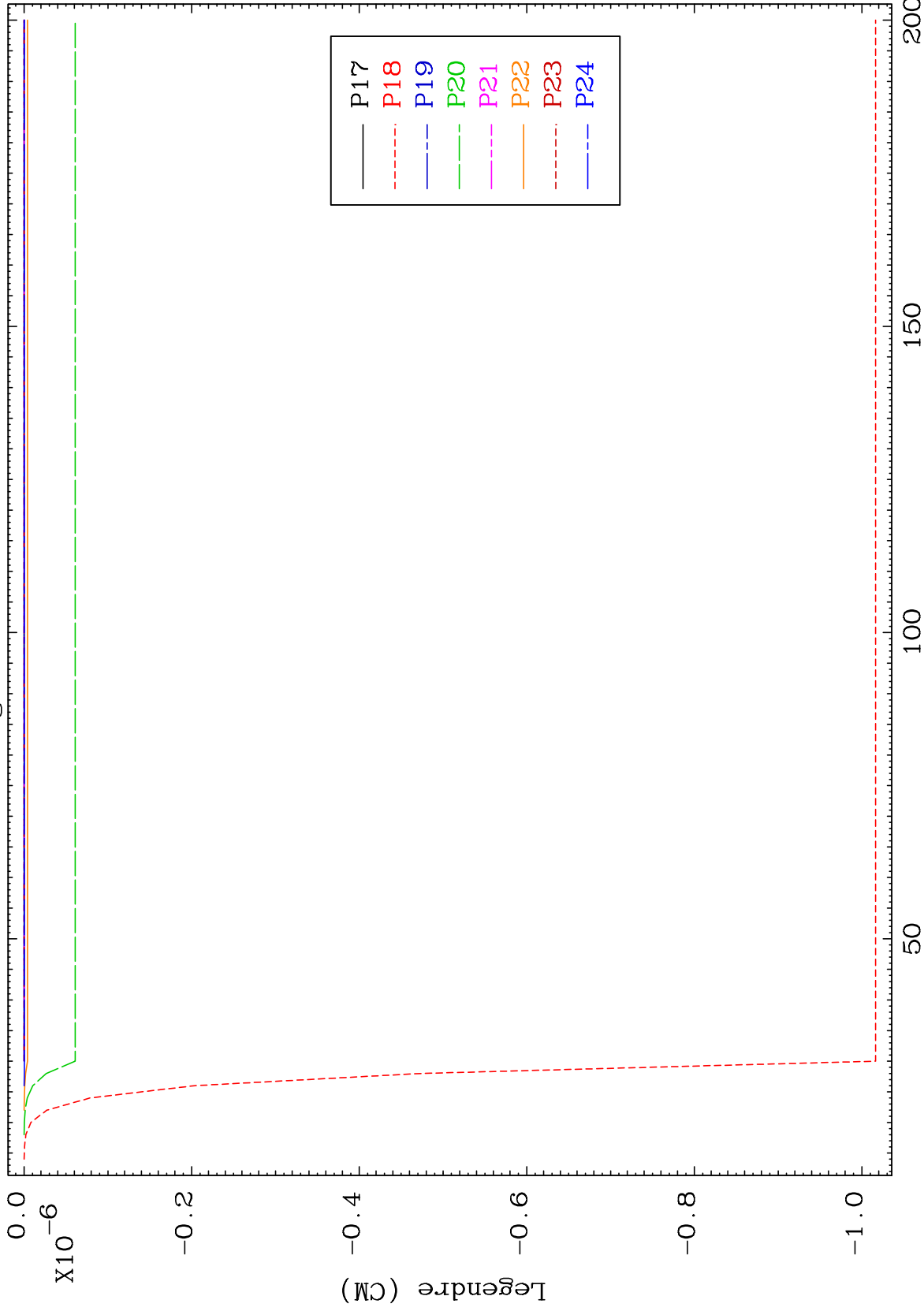
MAT 3037 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037

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

30-Zn-68



88

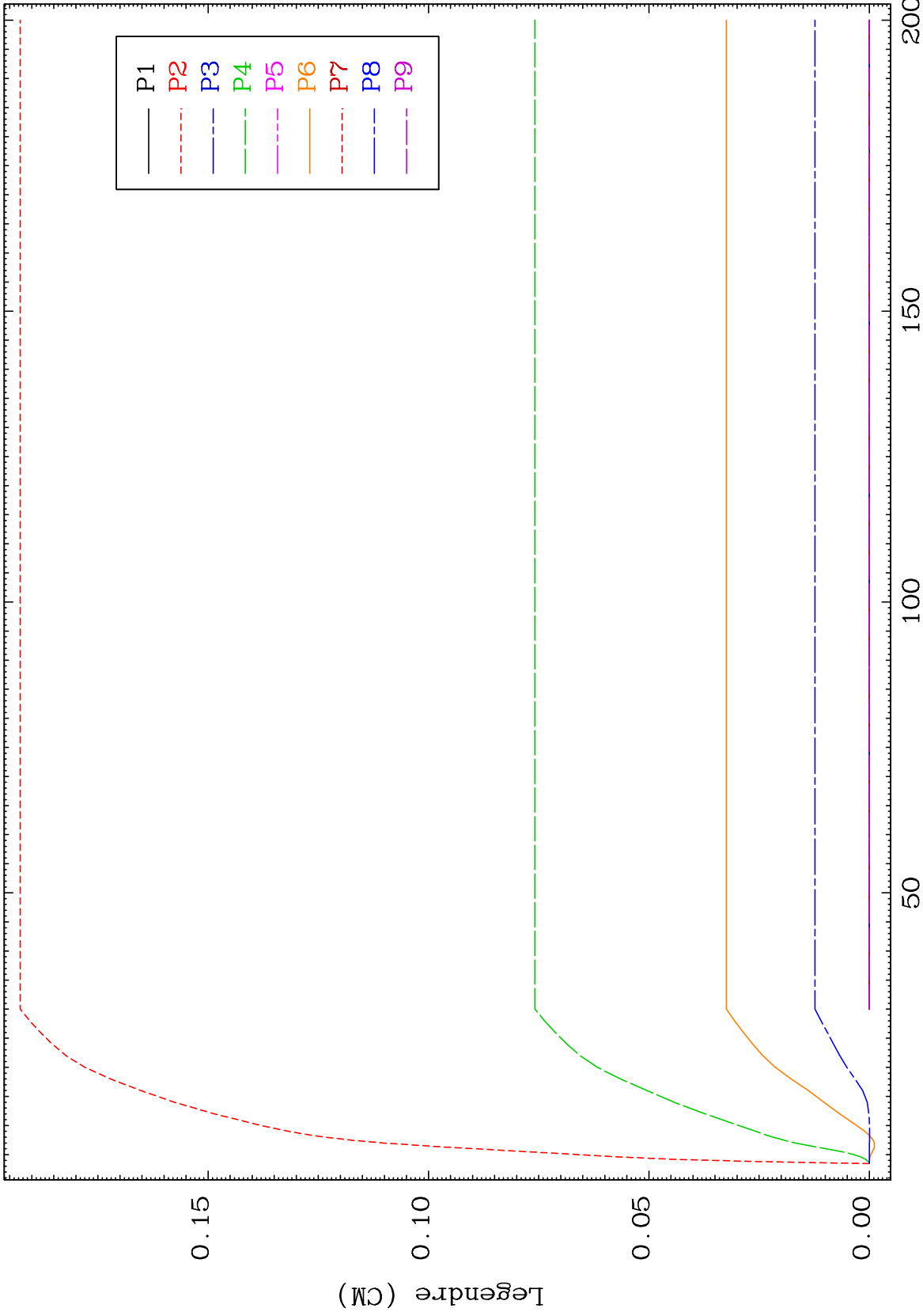
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



89

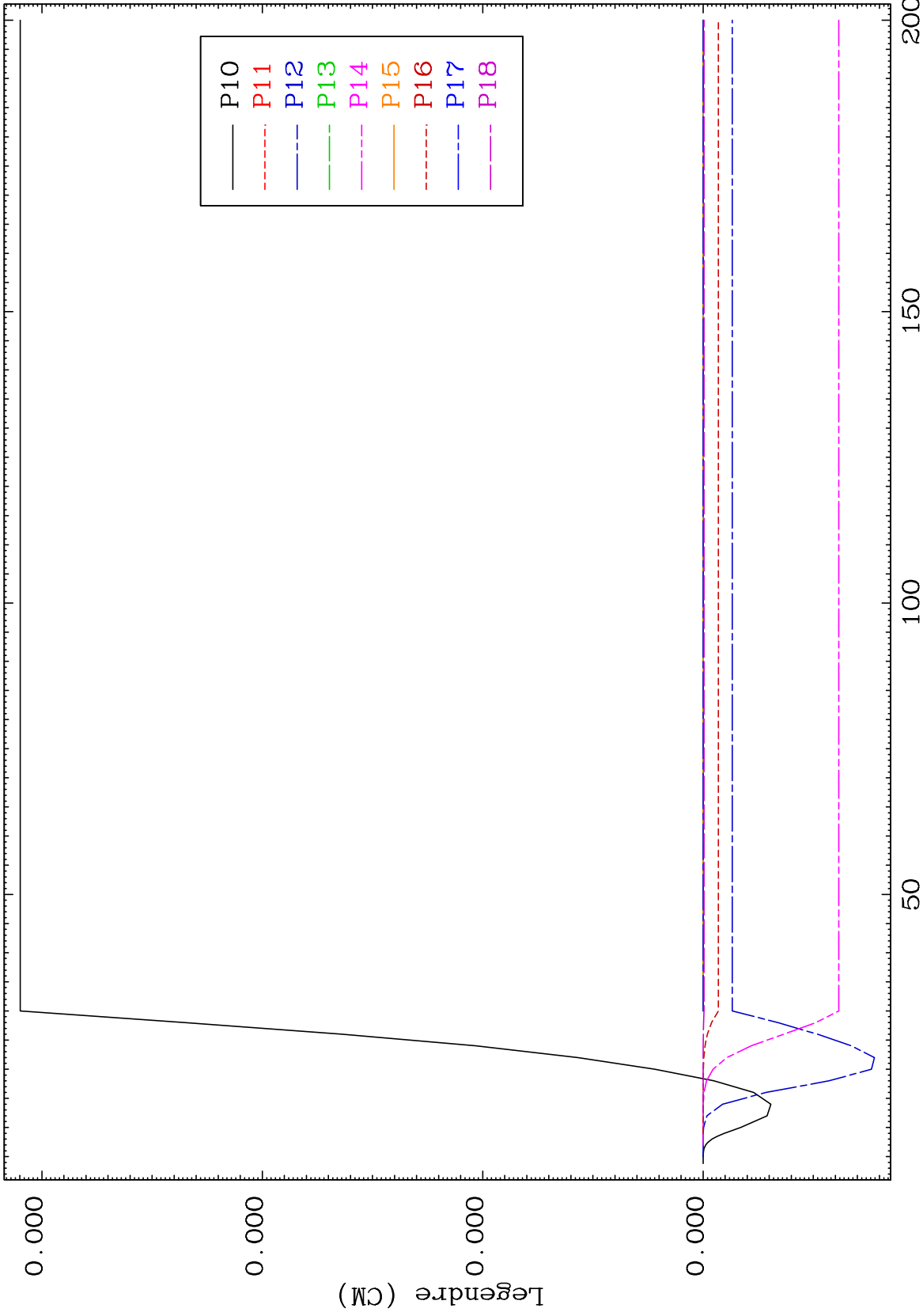
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

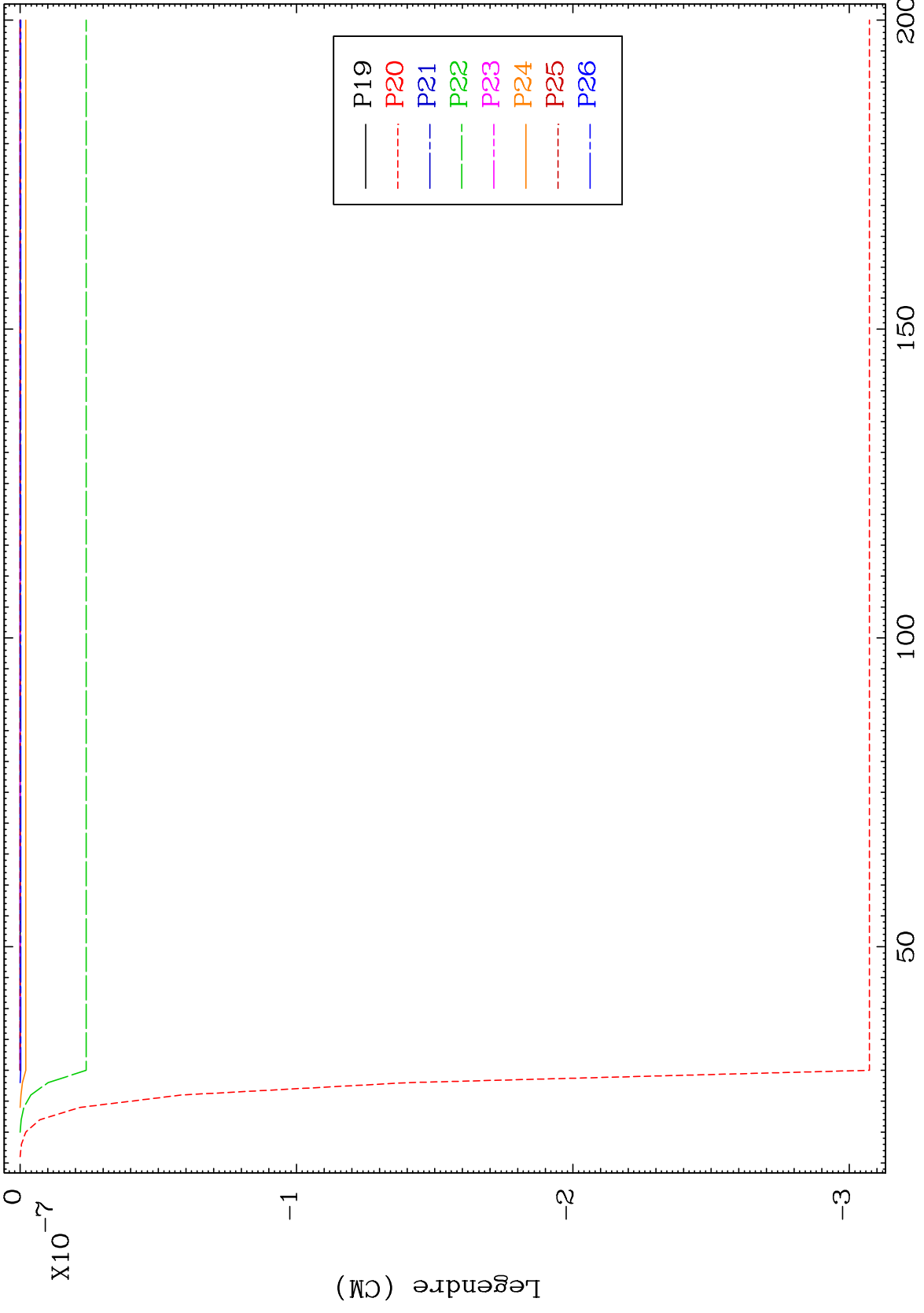


90

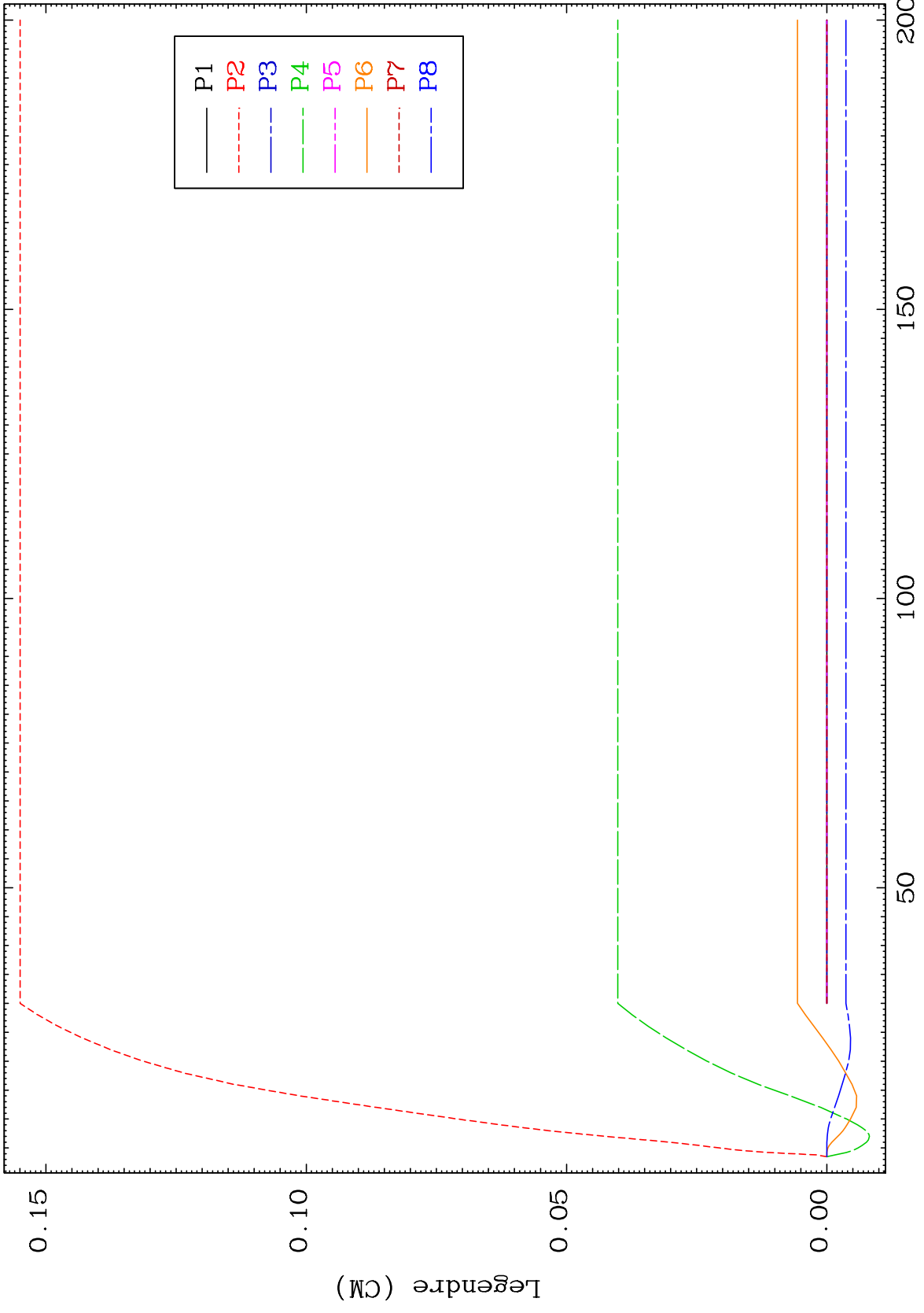
Incident Energy (MeV)

30-Zn-68

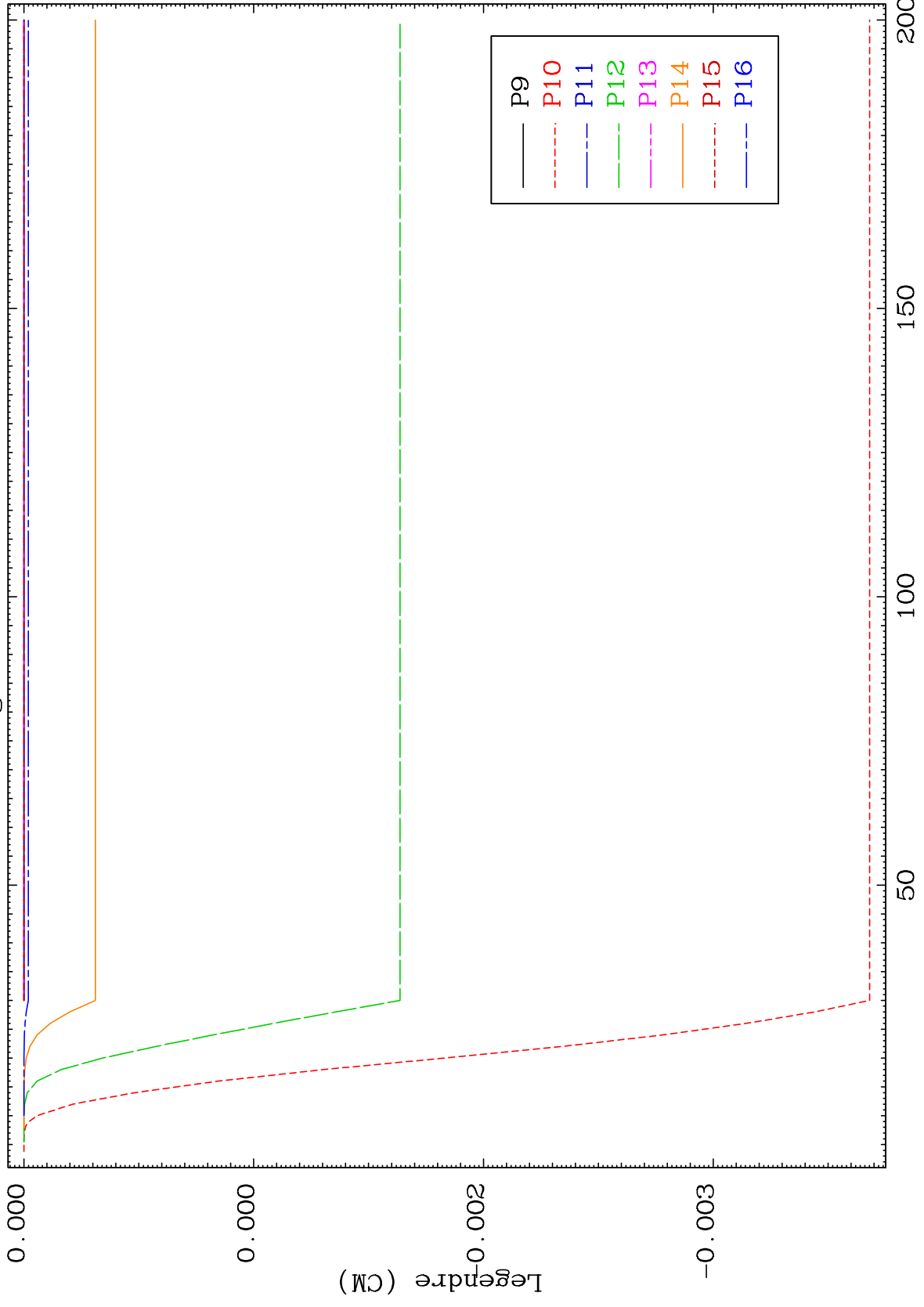
MAT 3037 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-68



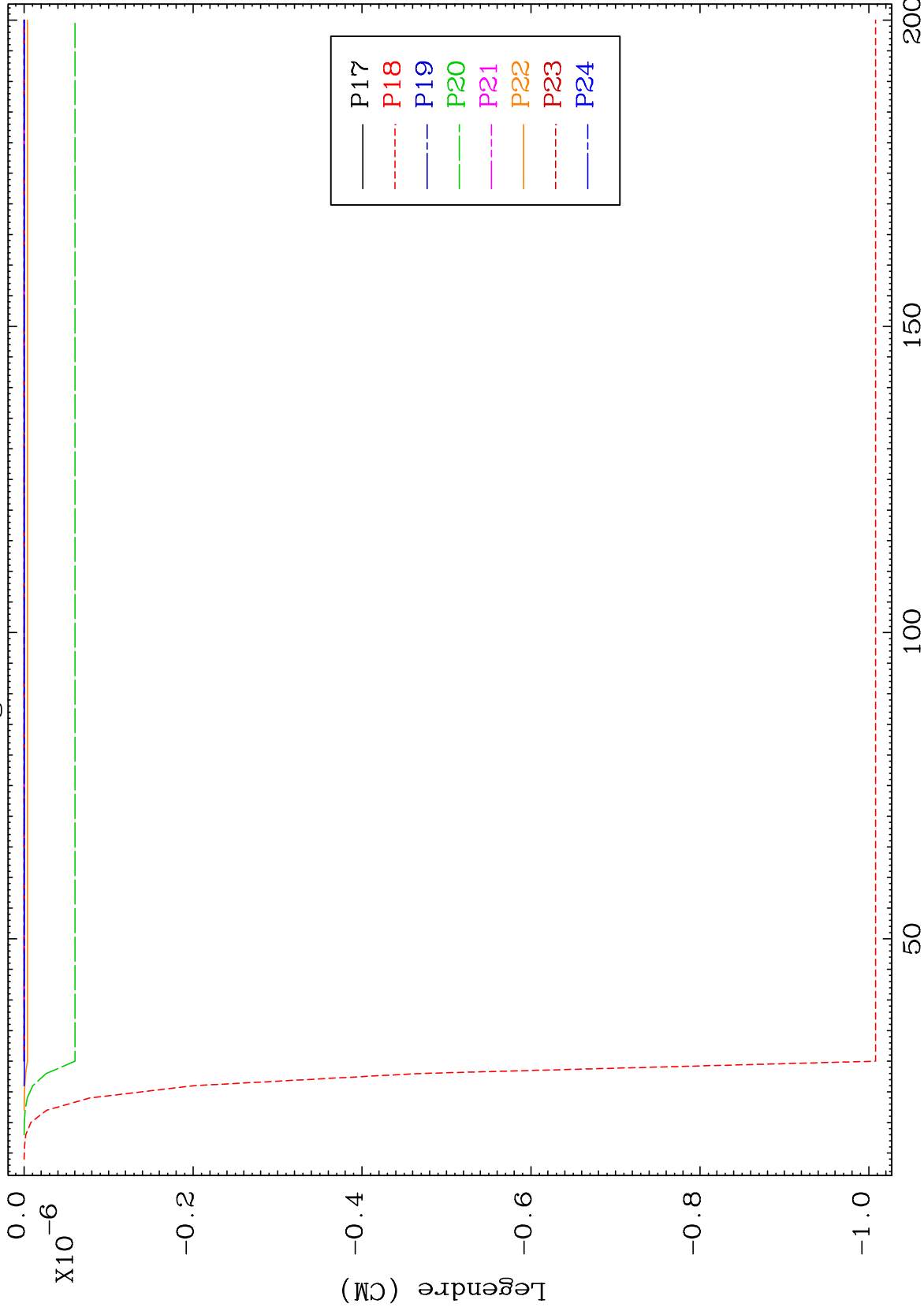
MAT 3037 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037

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

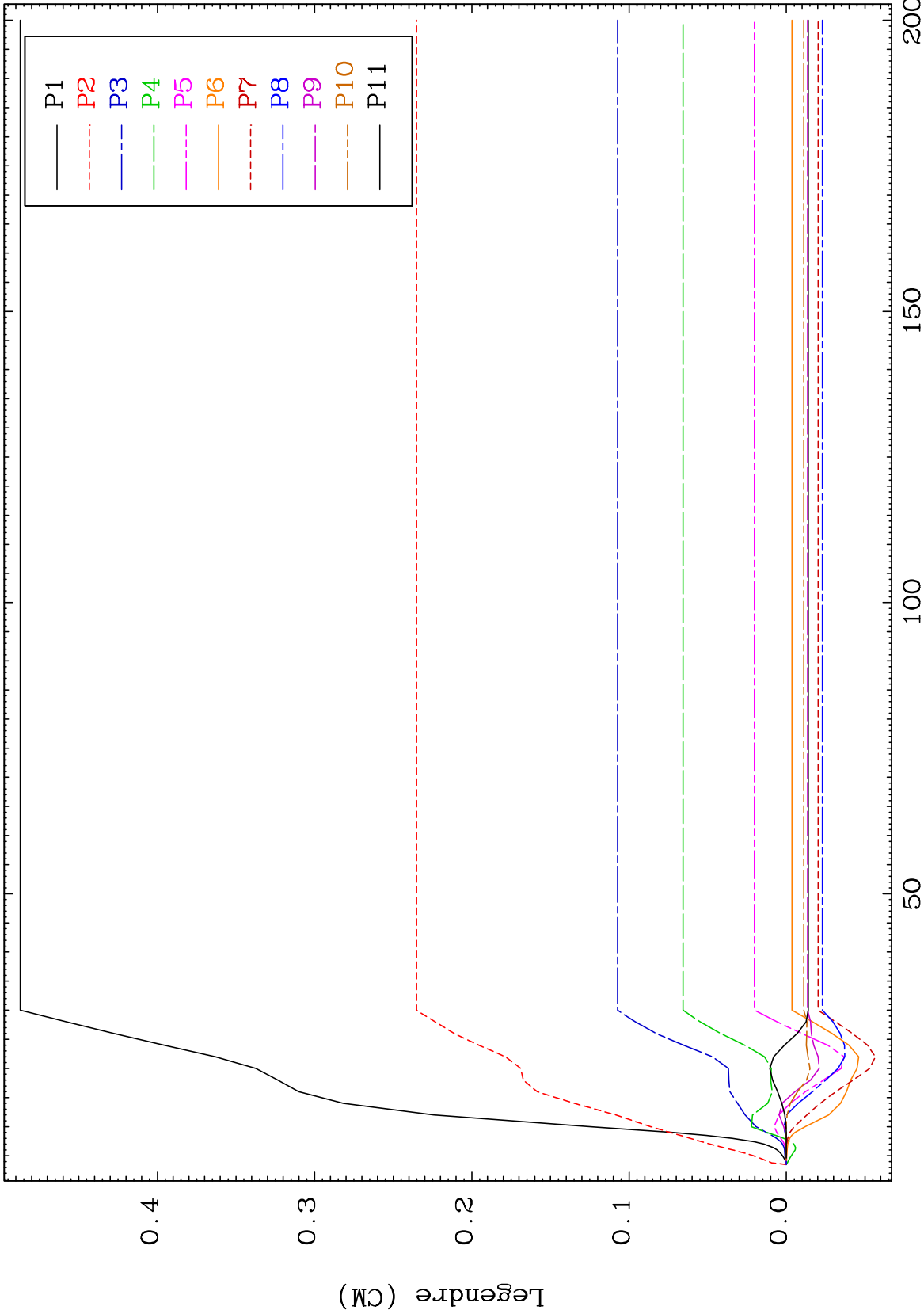
30-Zn-68



MAT 3037

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

30-Zn-68



95

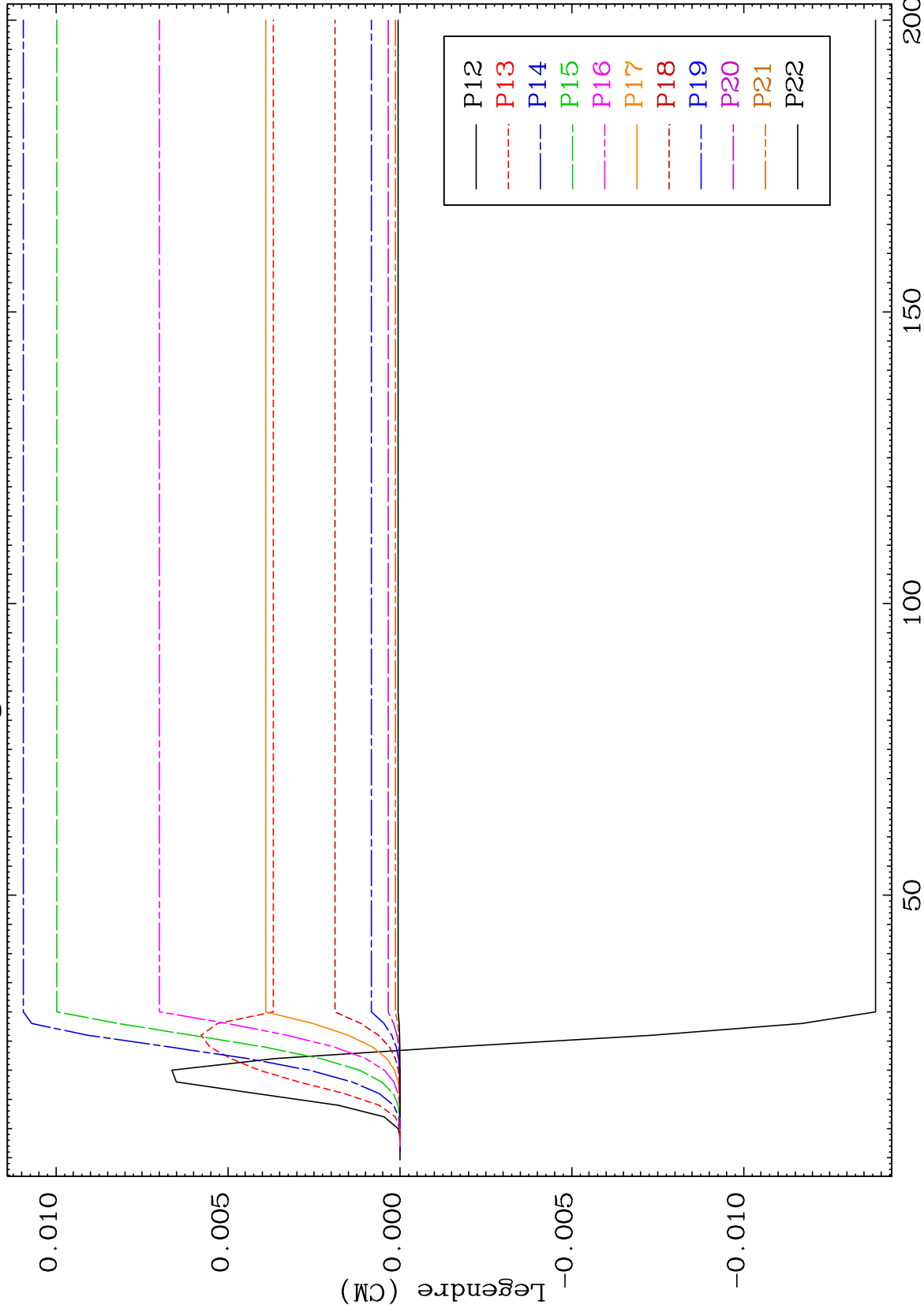
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



96

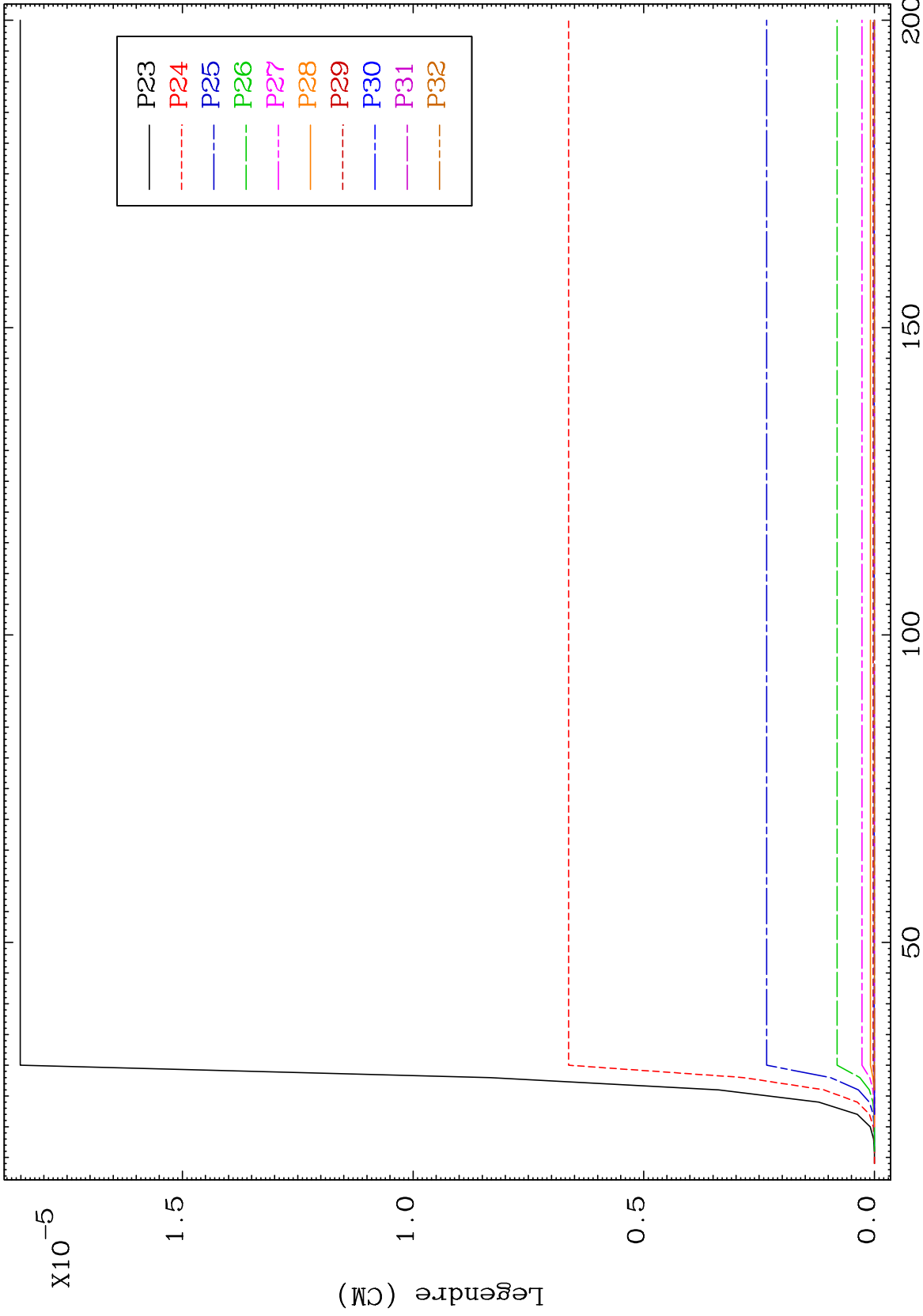
Incident Energy (MeV)

30-Zn-68

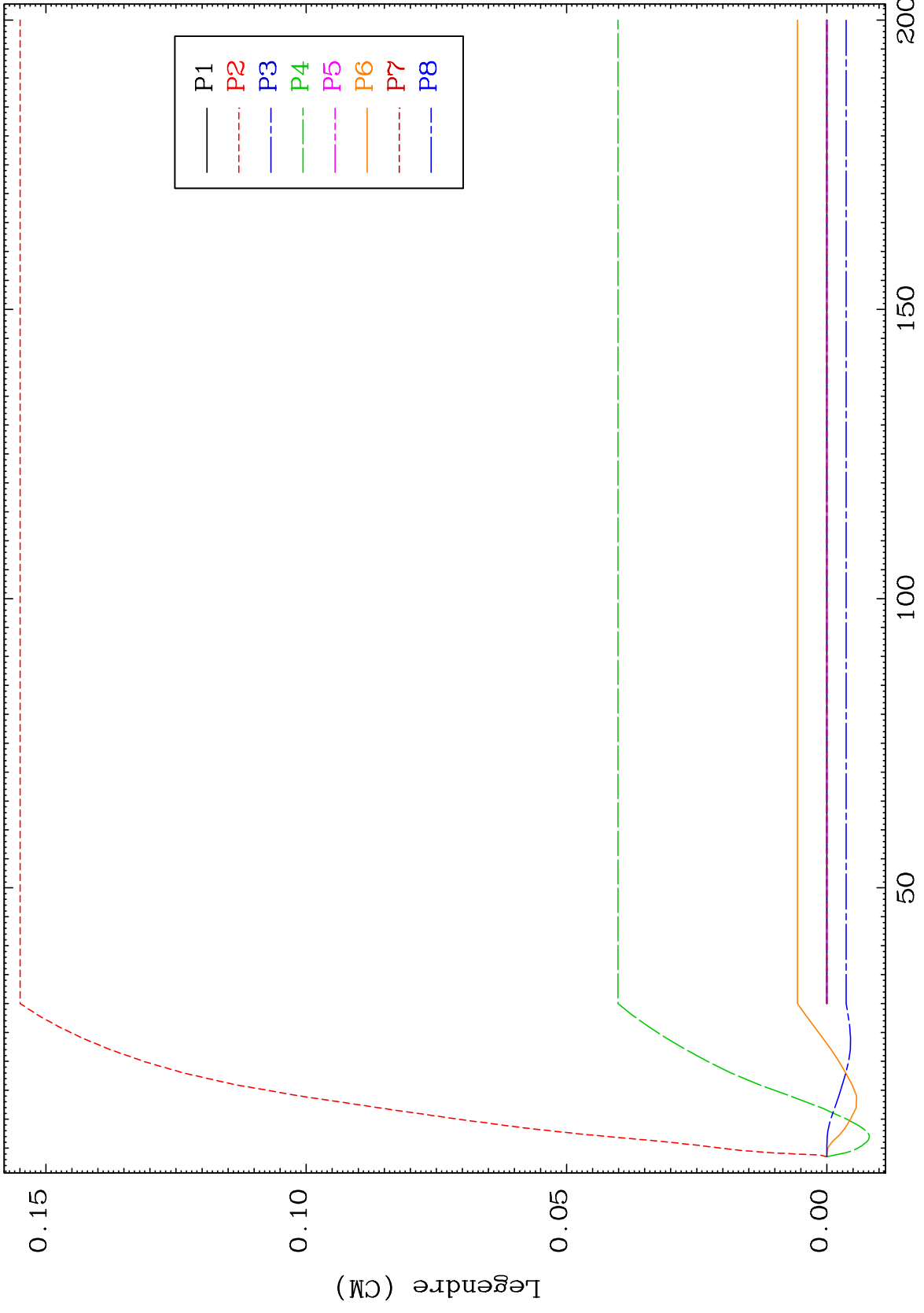
MAT 3037

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

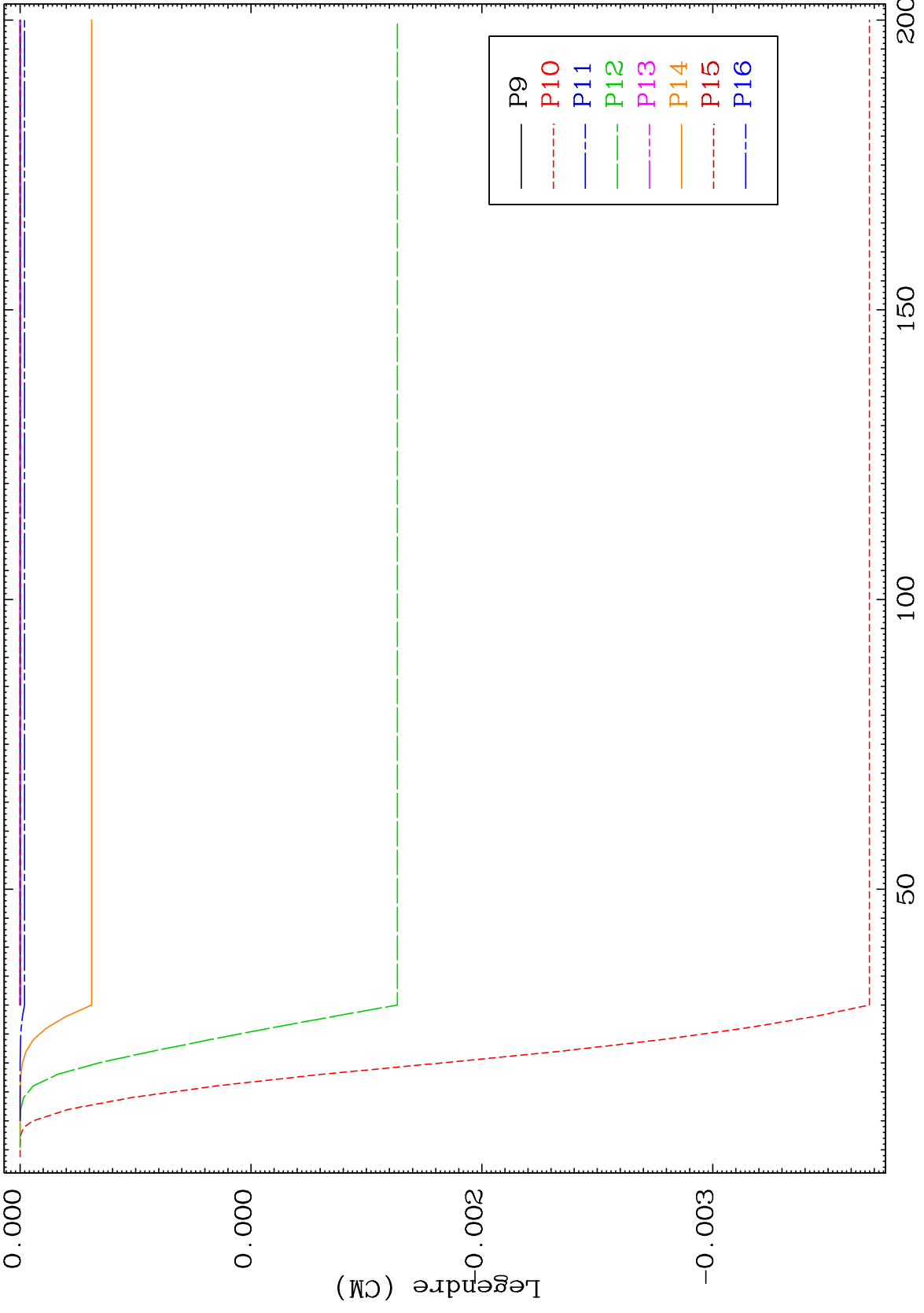
30-Zn-68



MAT 3037 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-68



MAT 3037 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-68

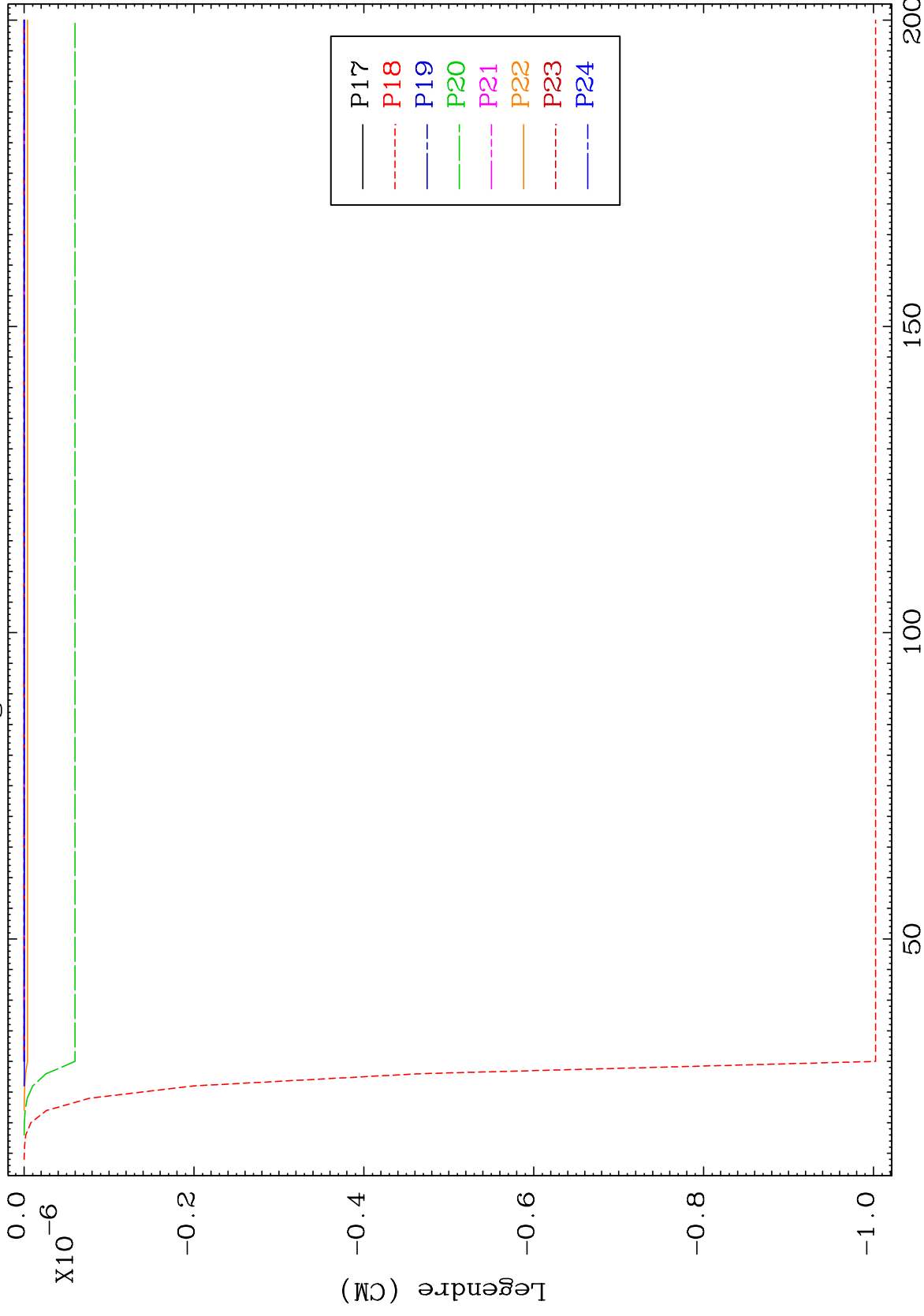


99 30-Zn-68

MAT 3037

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

30-Zn-68



30-Zn-68

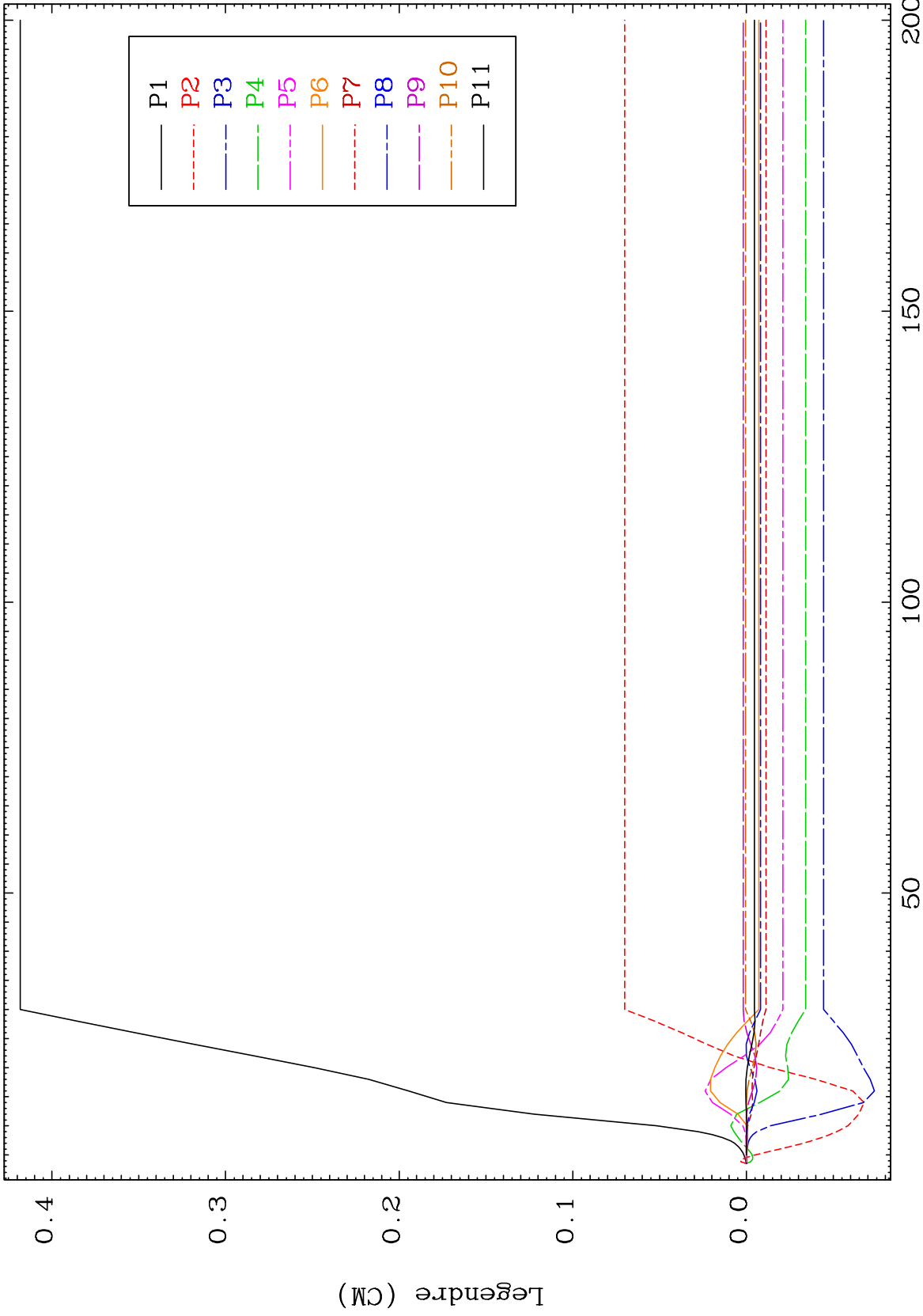
Incident Energy (MeV)

100

MAT 3037

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

30-Zn-68



101

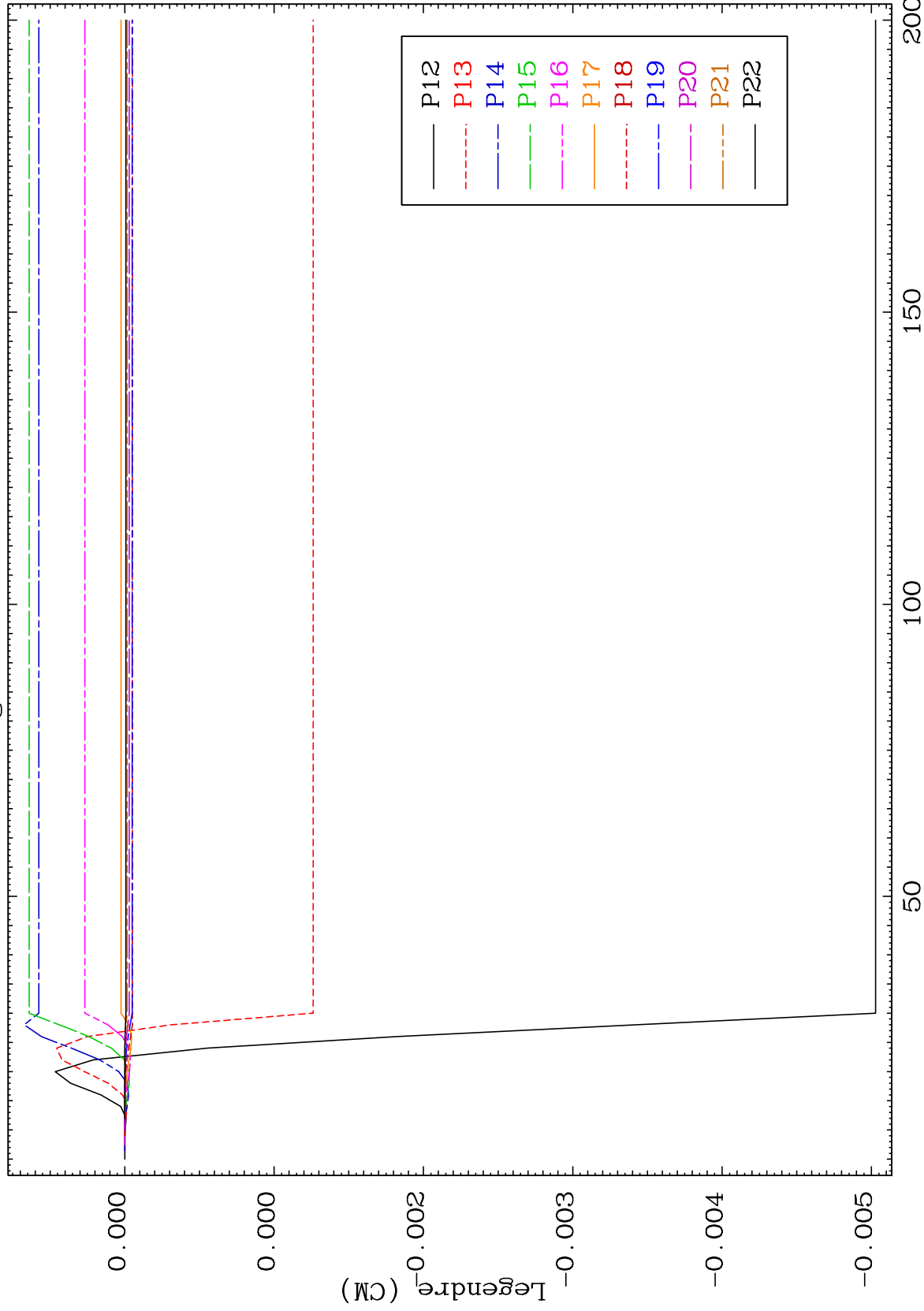
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

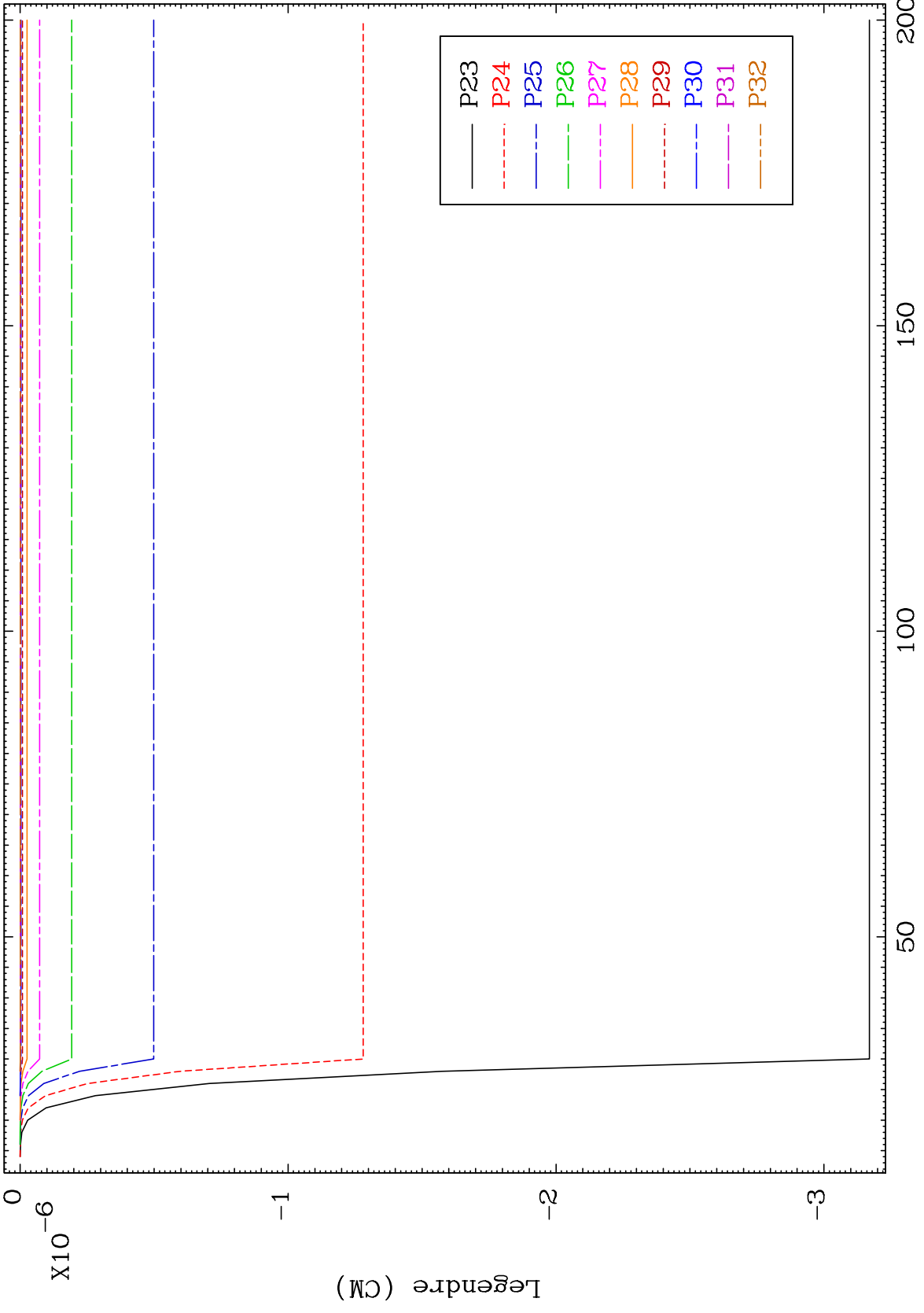


102

Incident Energy (MeV)

30-Zn-68

MAT 3037 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-68

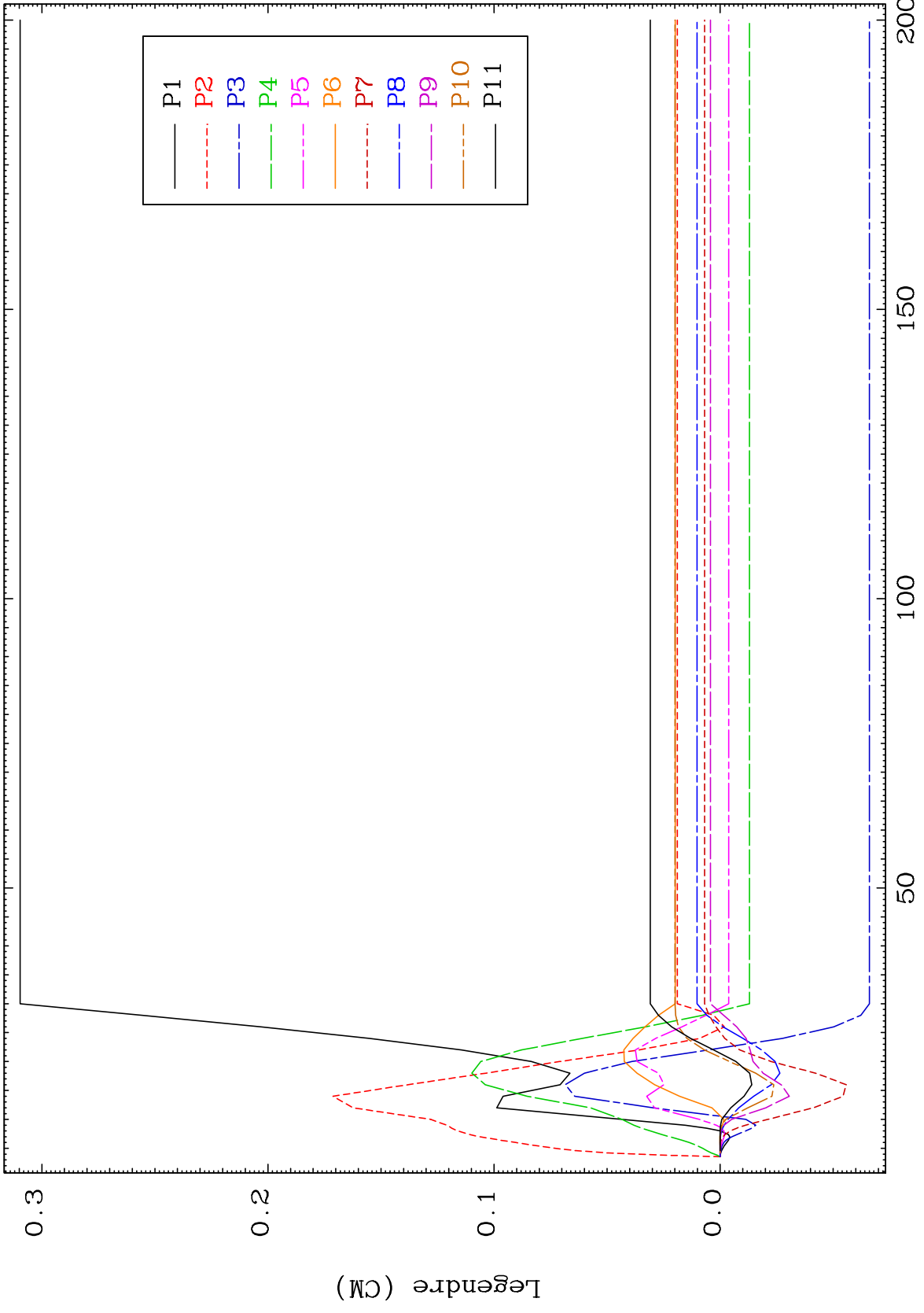


103 Incident Energy (MeV) 30-Zn-68

MAT 3037

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

30-Zn-68



104

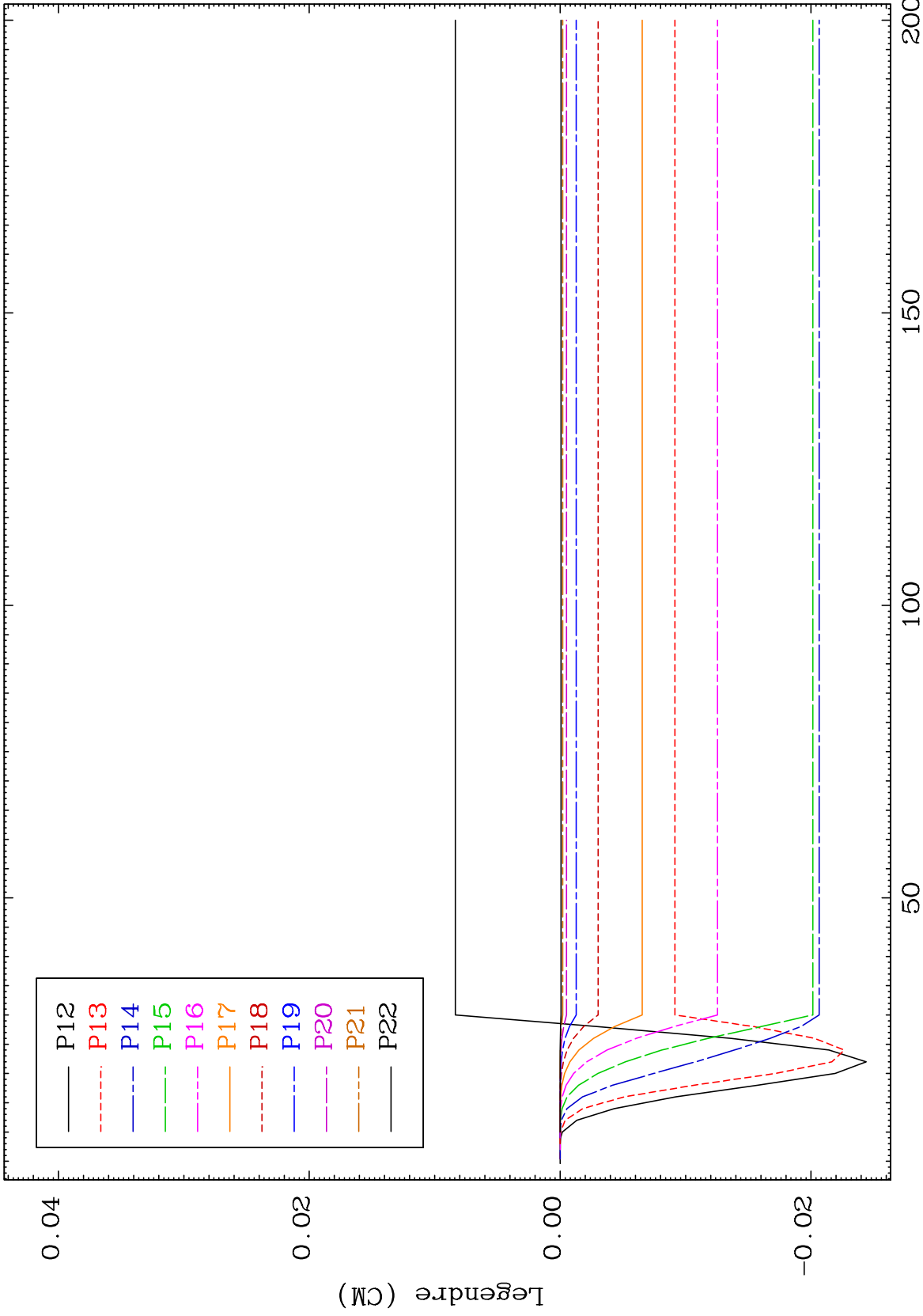
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

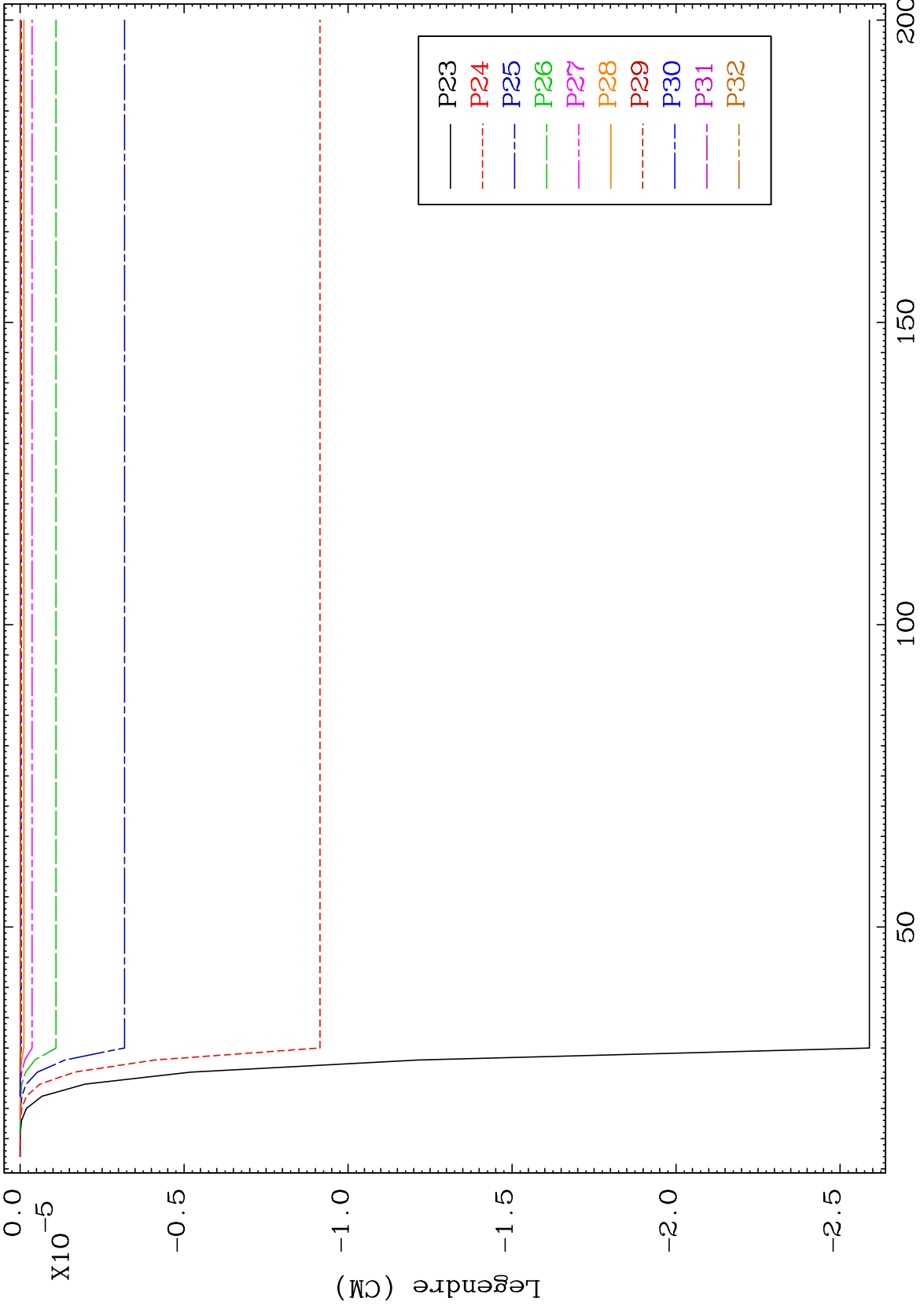


105

Incident Energy (MeV)

30-Zn-68

MAT 3037 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-68

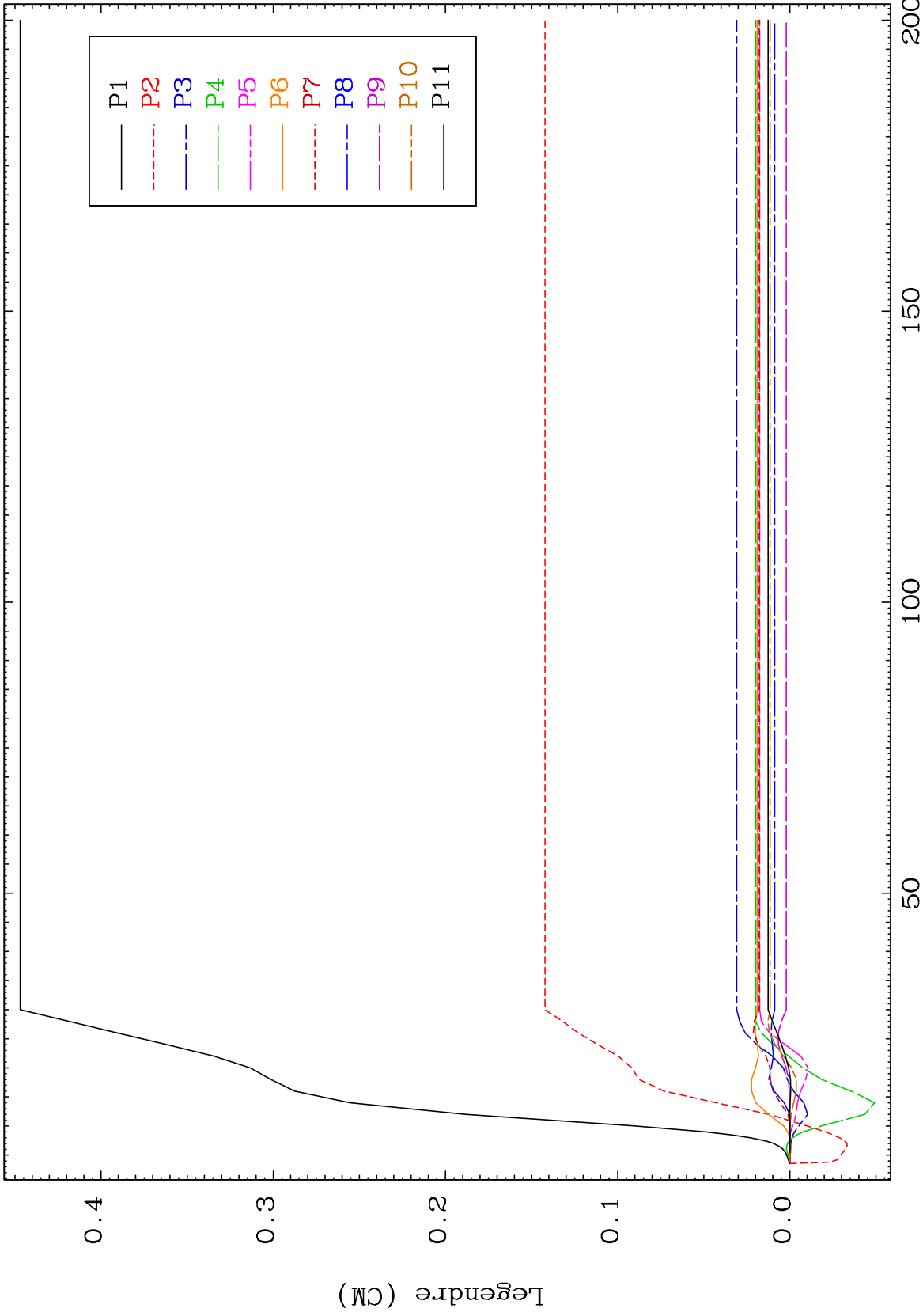


106 Incident Energy (MeV) 30-Zn-68

MAT 3037

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

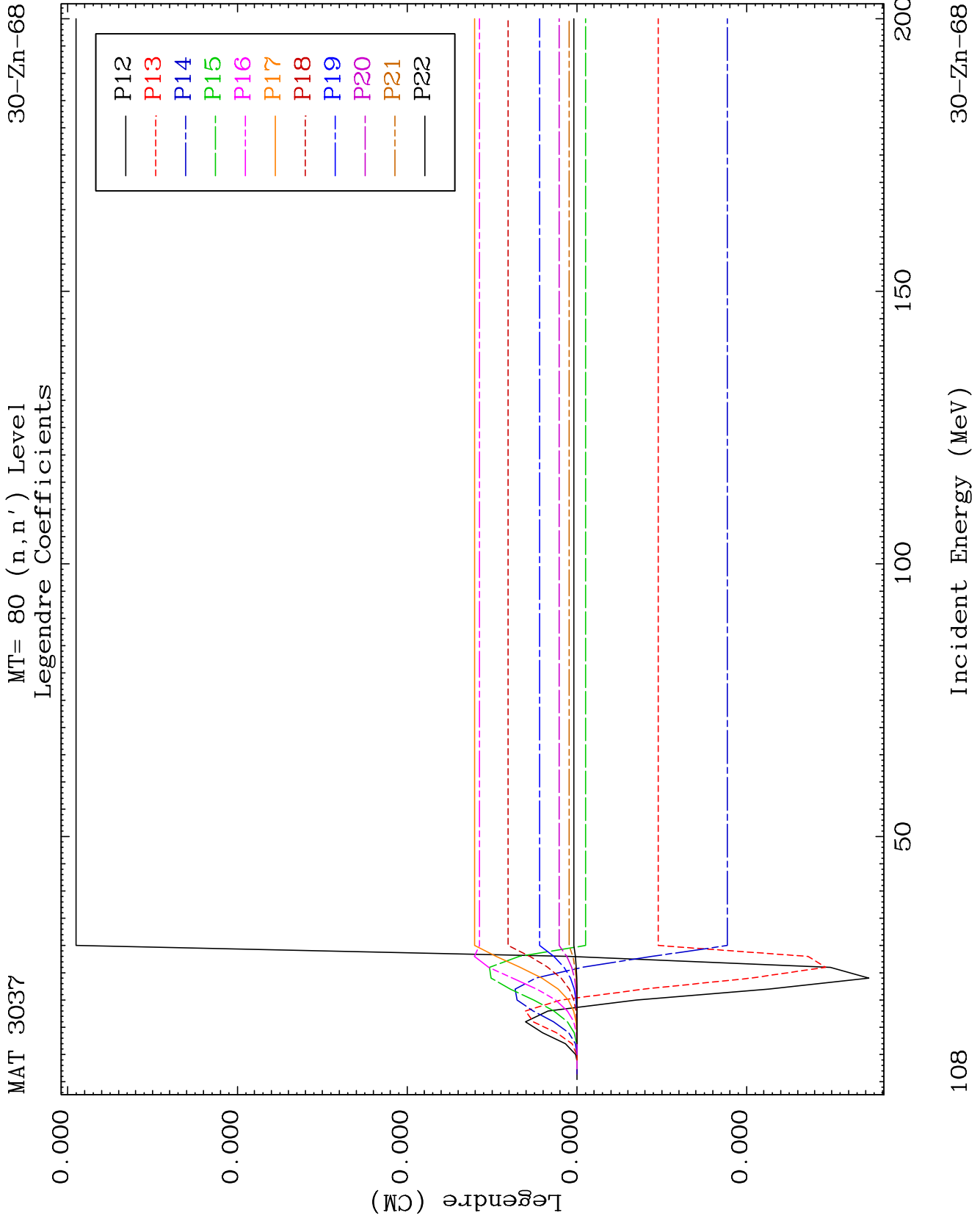
30-Zn-68



107

Incident Energy (MeV)

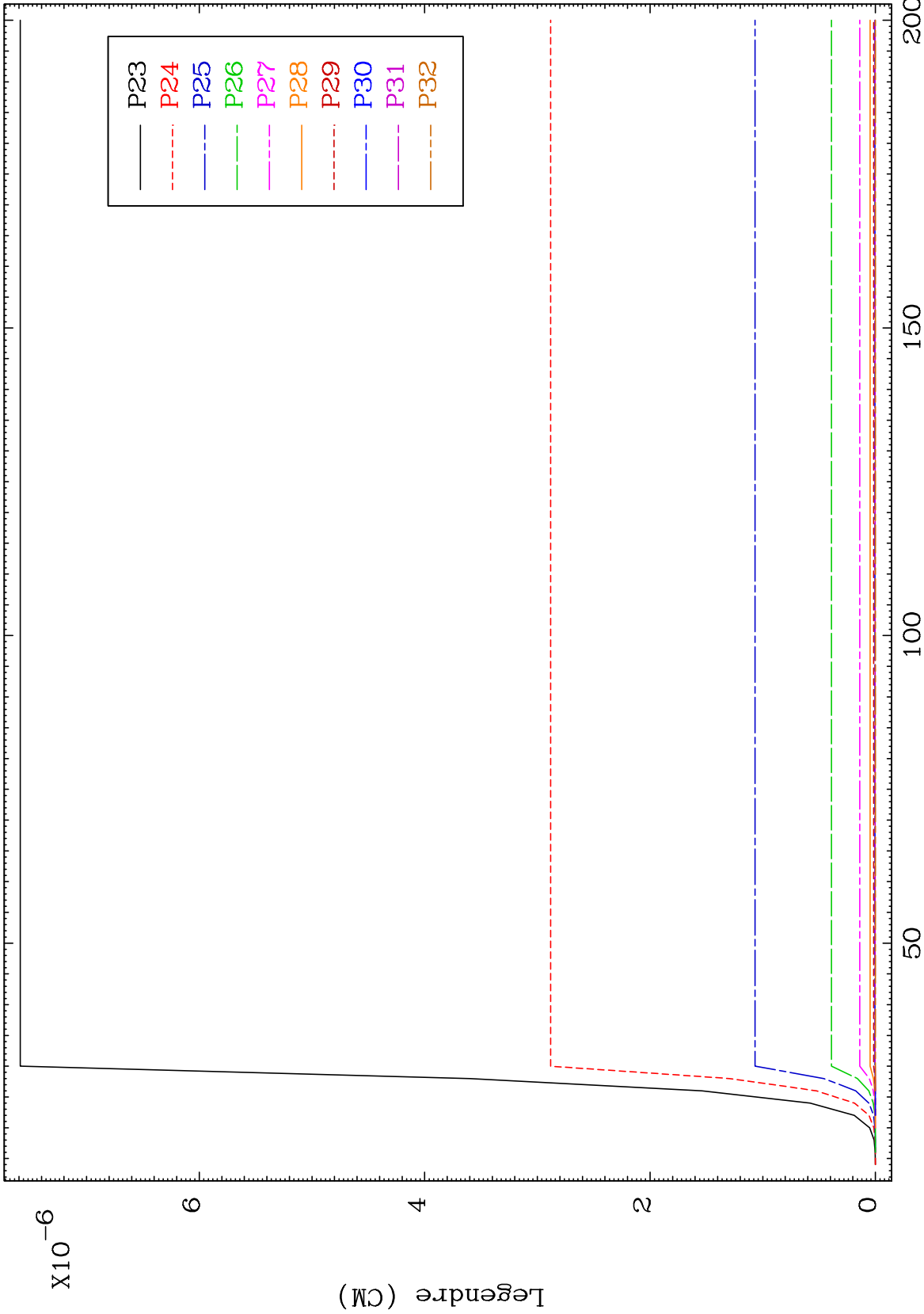
30-Zn-68



MAT 3037

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

30-Zn-68



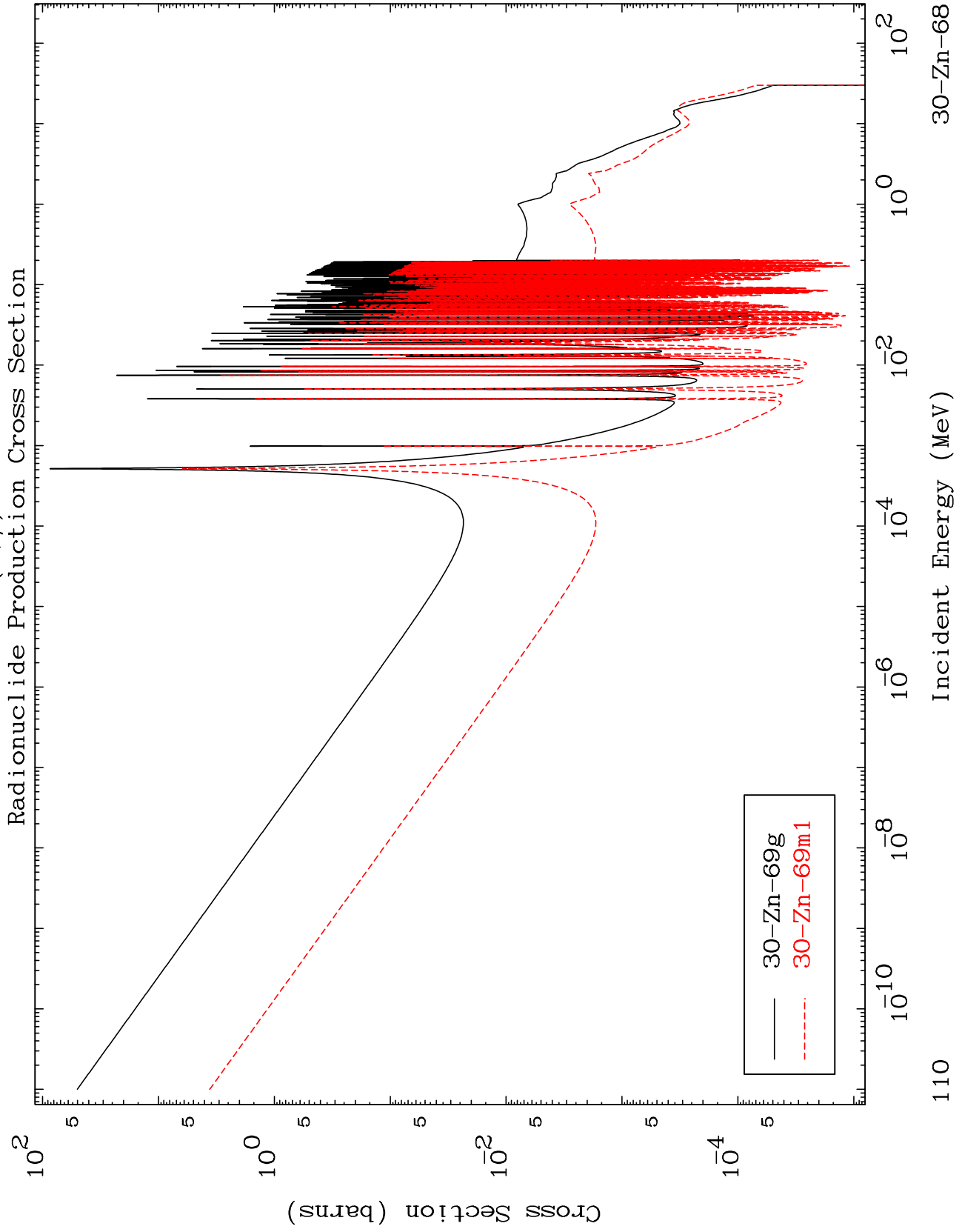
109

Incident Energy (MeV)

30-Zn-68

MAT 3037

30-Zn-68

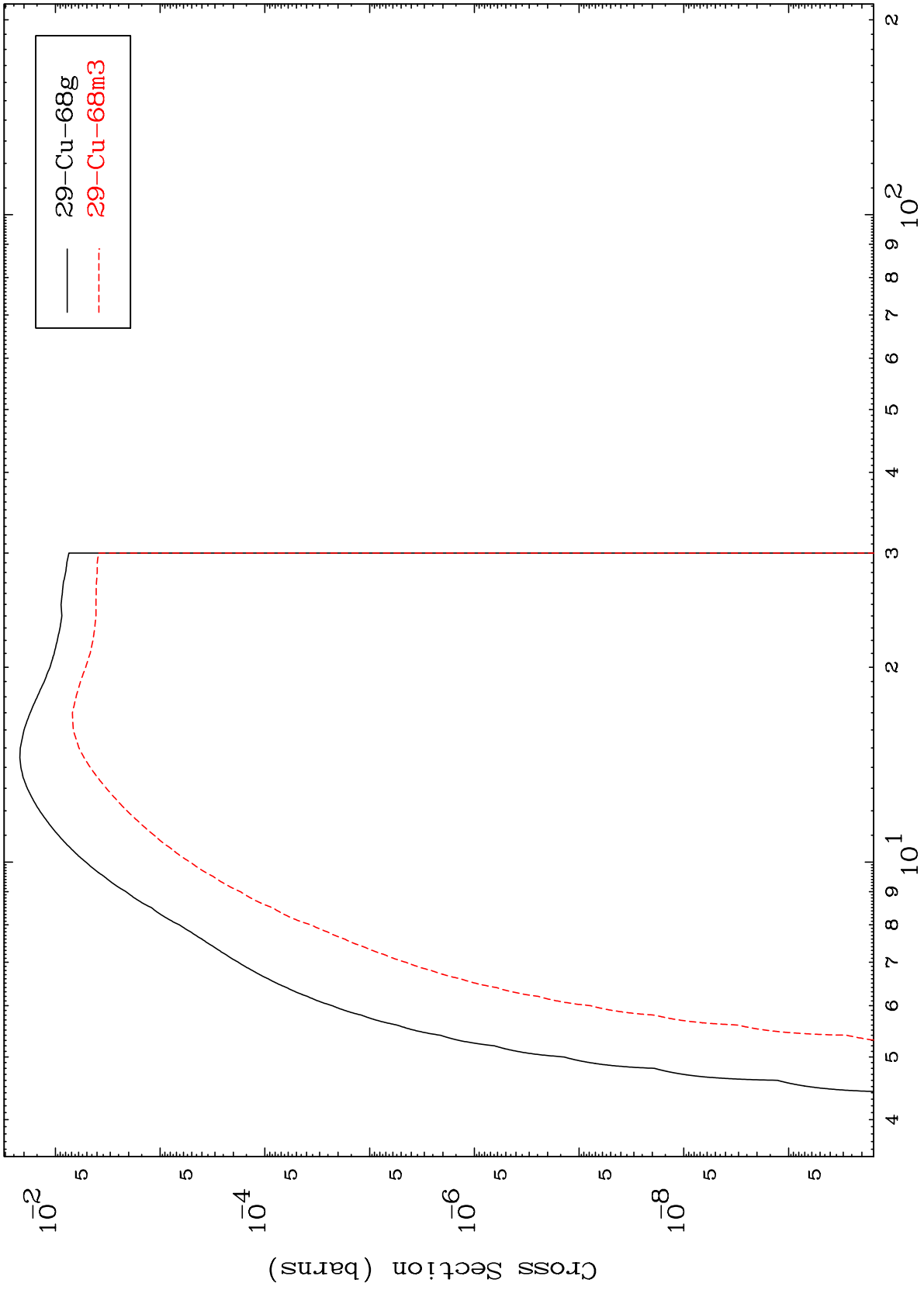


110

MAT 3037

30-Zn-68

(n,p)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

30-Zn-68