

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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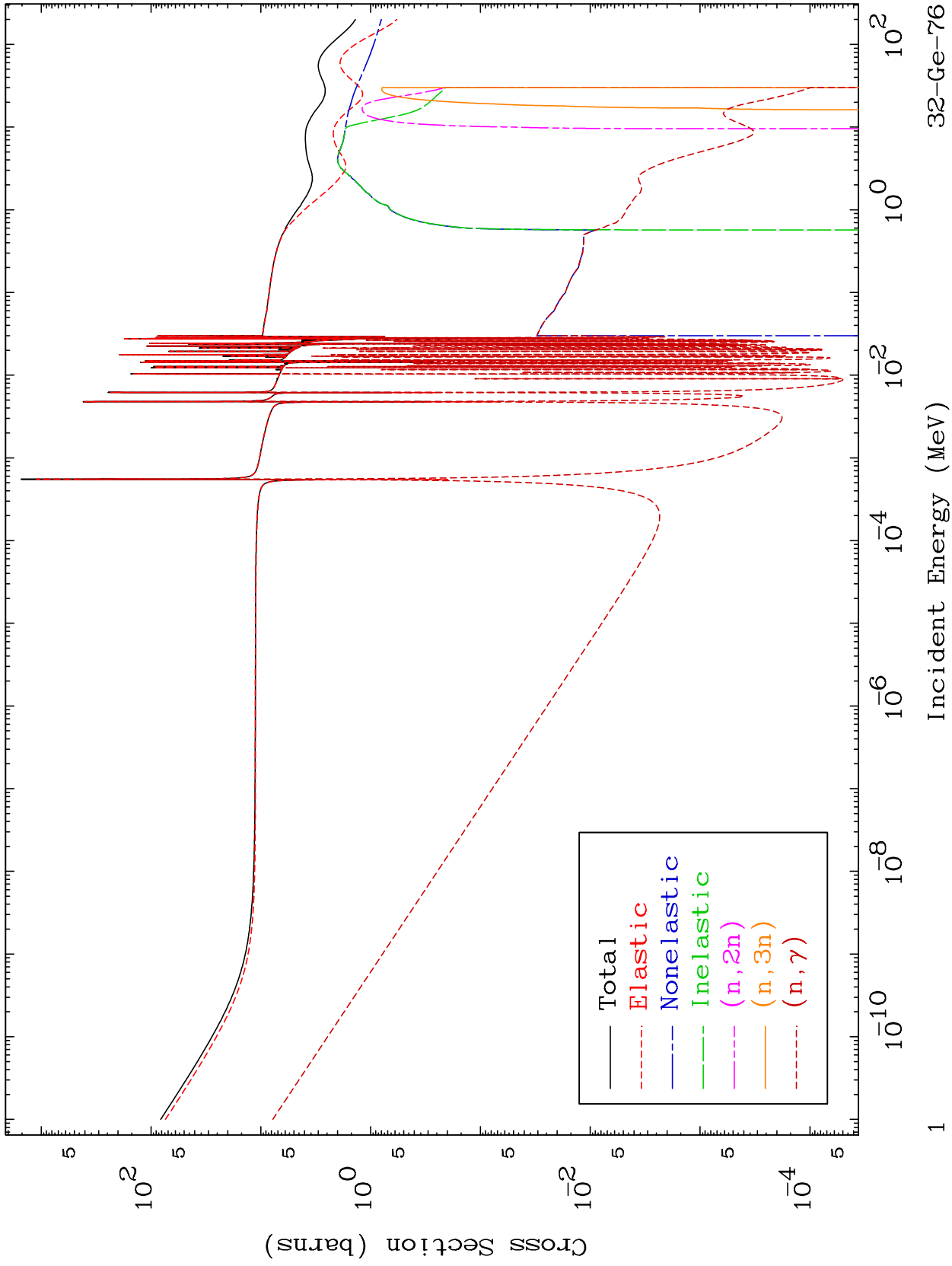
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3243

Neutron Major
293 Kelvin Cross Sections

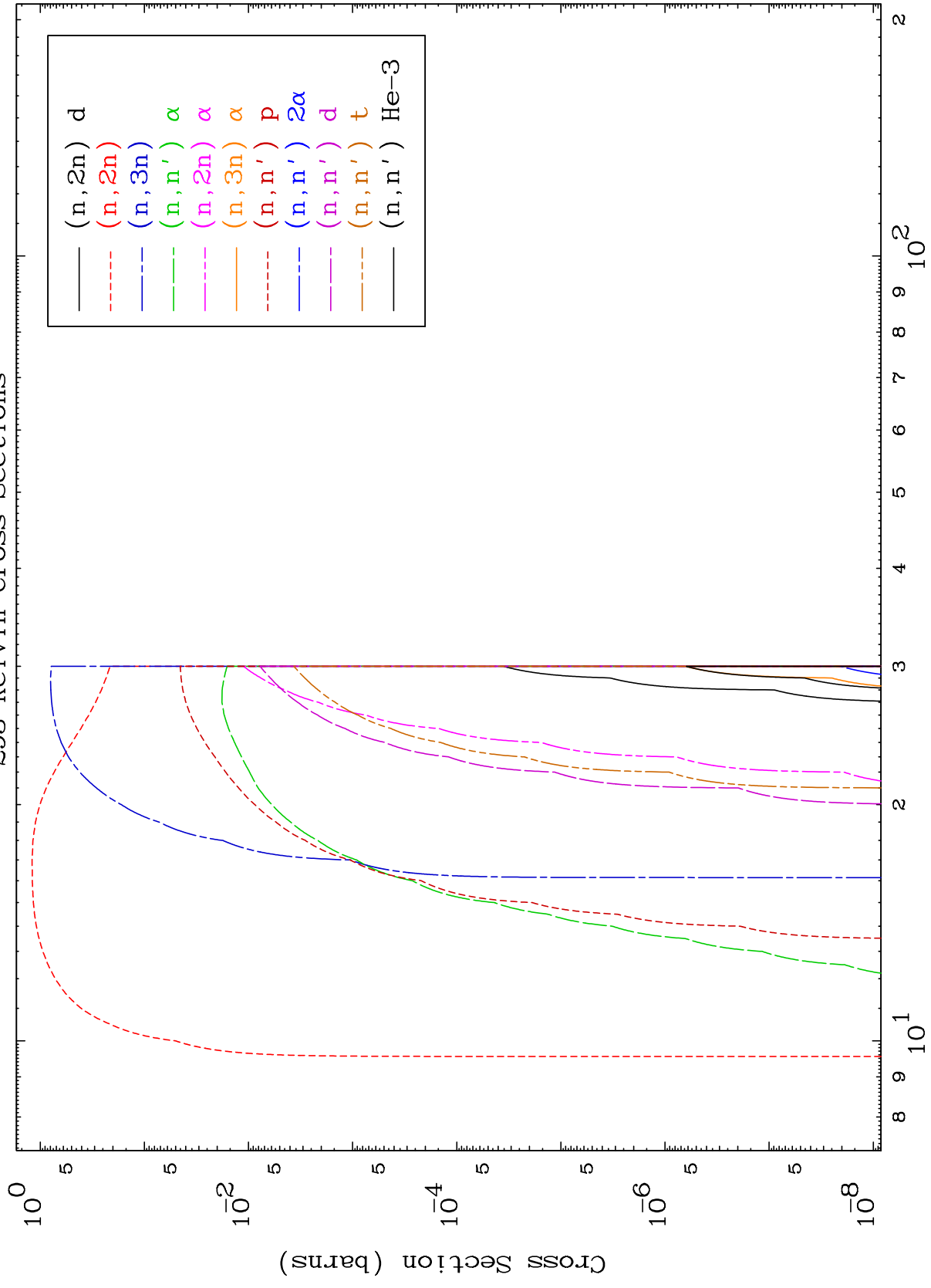
32-Ge-76



MAT 3243

Neutron Absorption
293 Kelvin Cross Sections

32-Ge-76



2

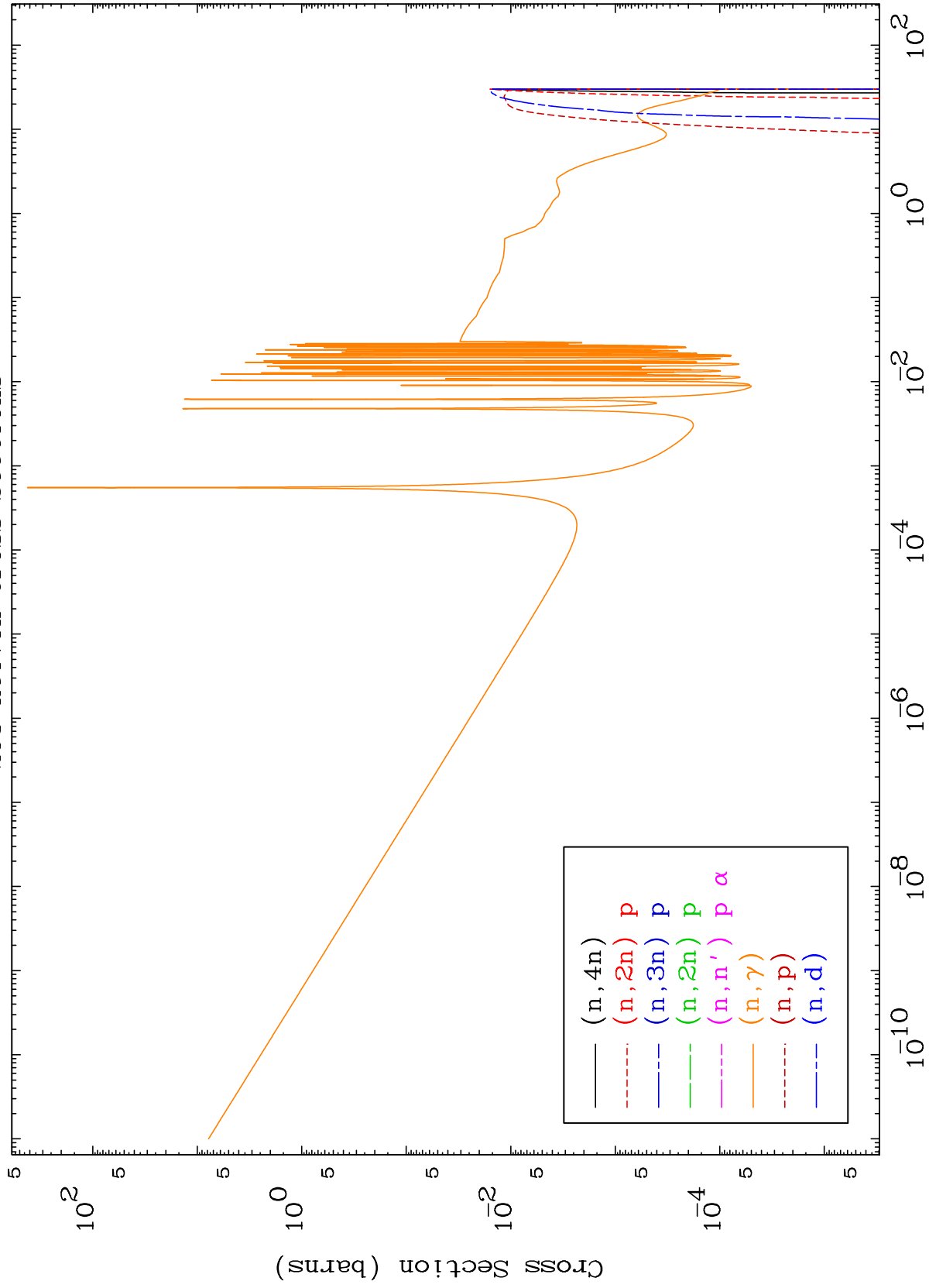
Incident Energy (MeV)

32-Ge-76

MAT 3243

Neutron Absorption
293 Kelvin Cross Sections

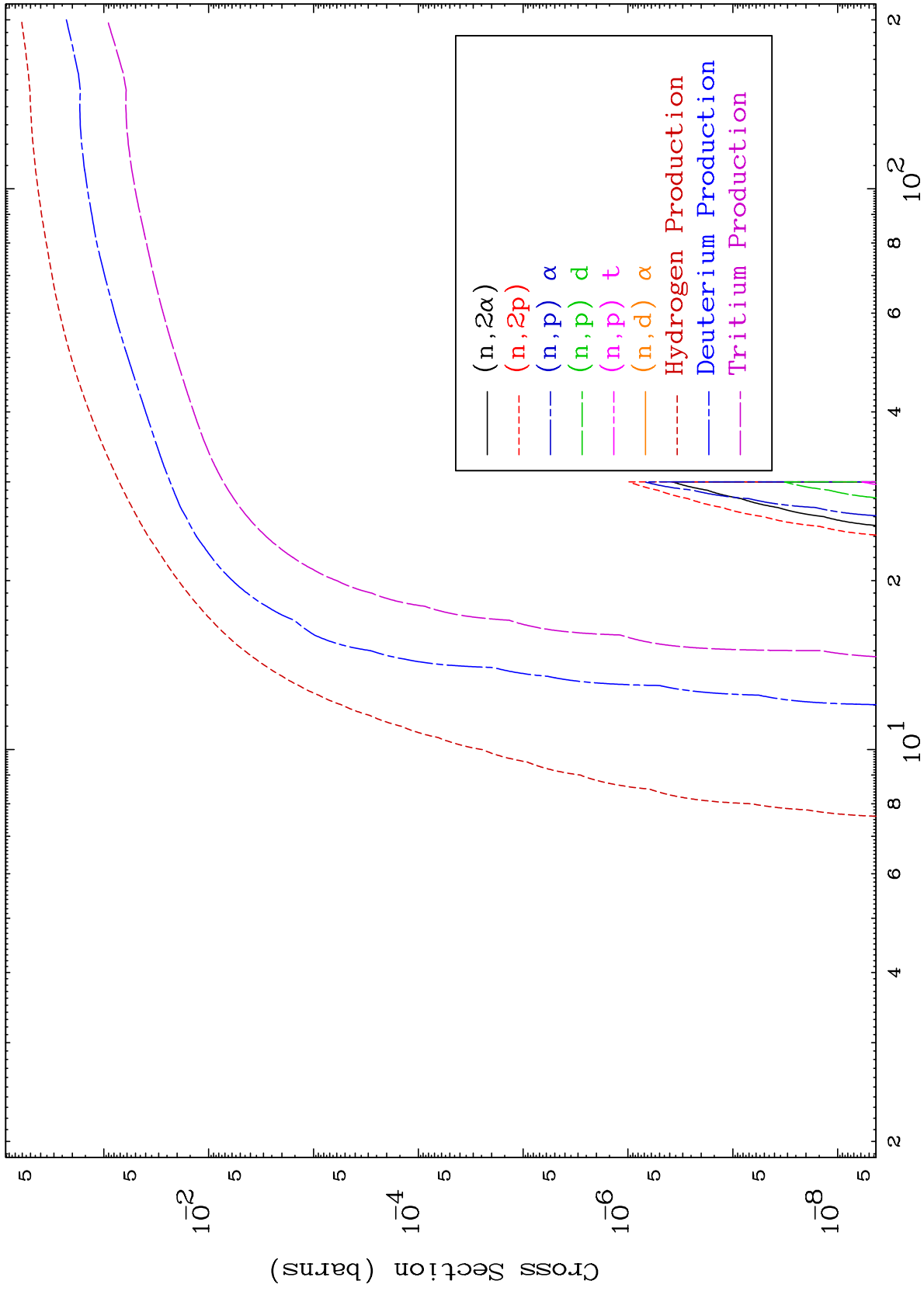
32-Ge-76



MAT 3243

Neutron Absorption
293 Kelvin Cross Sections

32-Ge-76



4

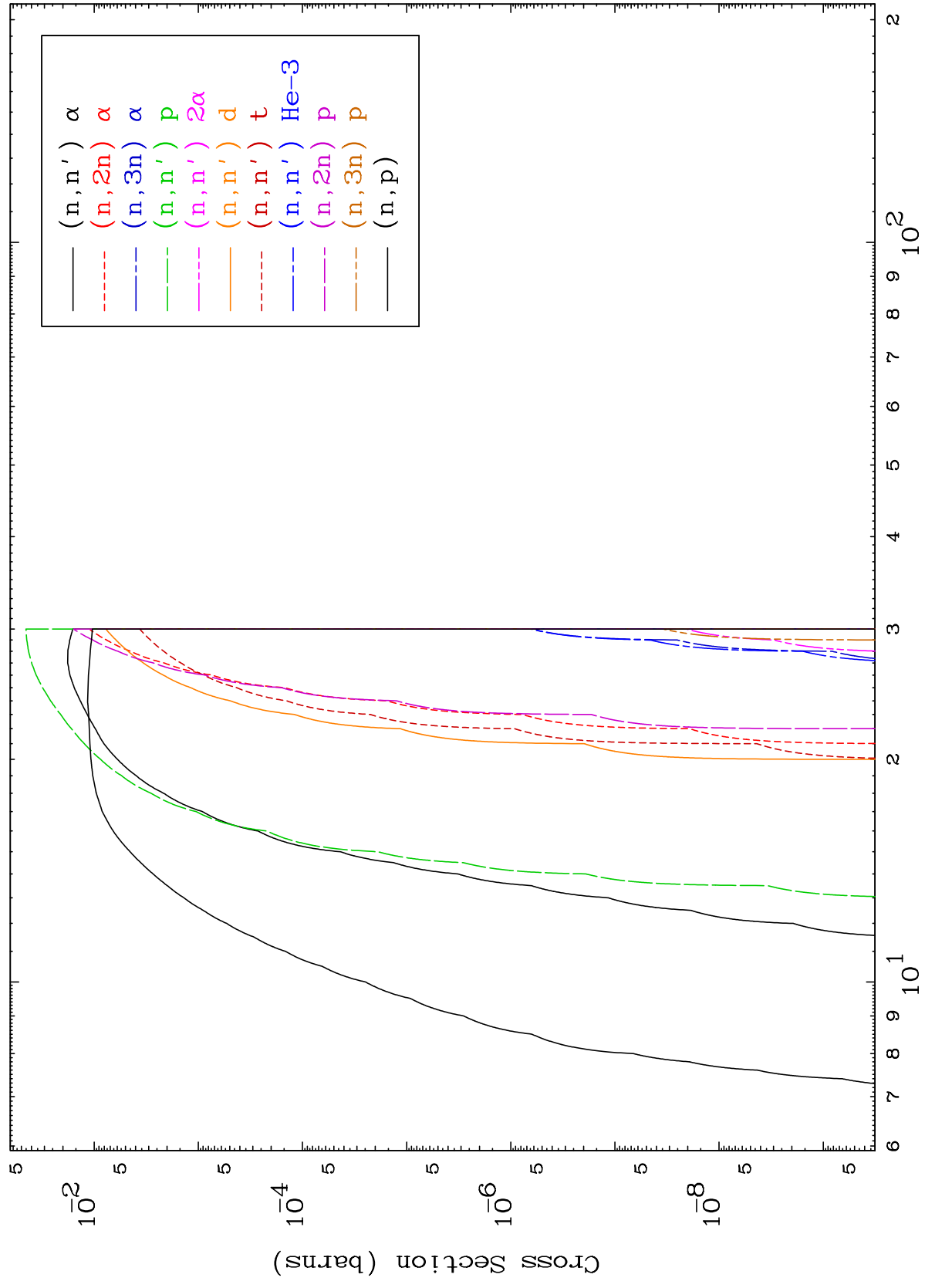
Incident Energy (MeV)

32-Ge-76

MAT 3243

Charged Particle
293 Kelvin Cross Sections

32-Ge-76



5

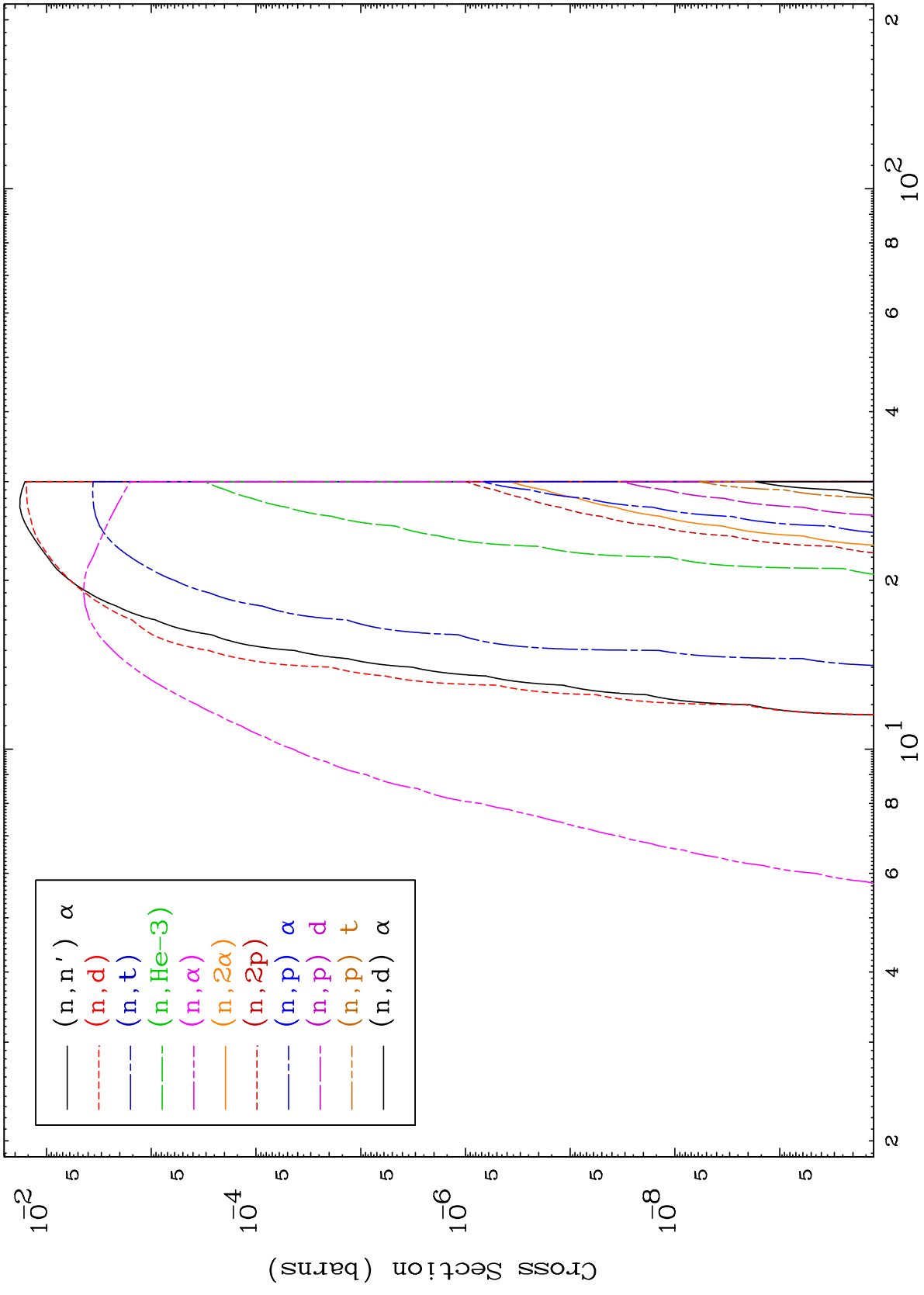
Incident Energy (MeV)

32-Ge-76

MAT 3243

Charged Particle
293 Kelvin Cross Sections

32-Ge-76



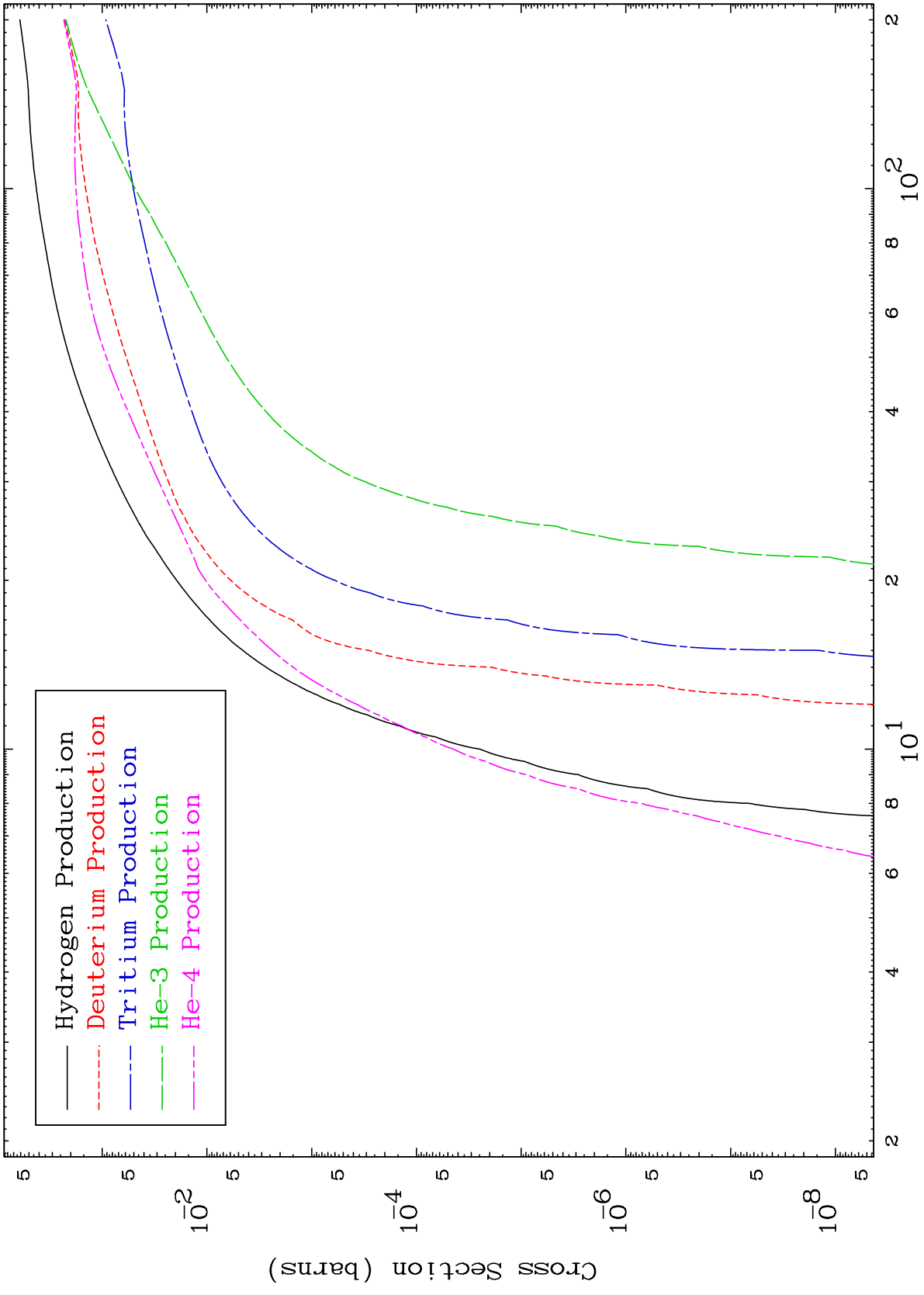
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32-Ge-76

MAT 3243

Particle Production
293 Kelvin Cross Sections

32-Ge-76



7

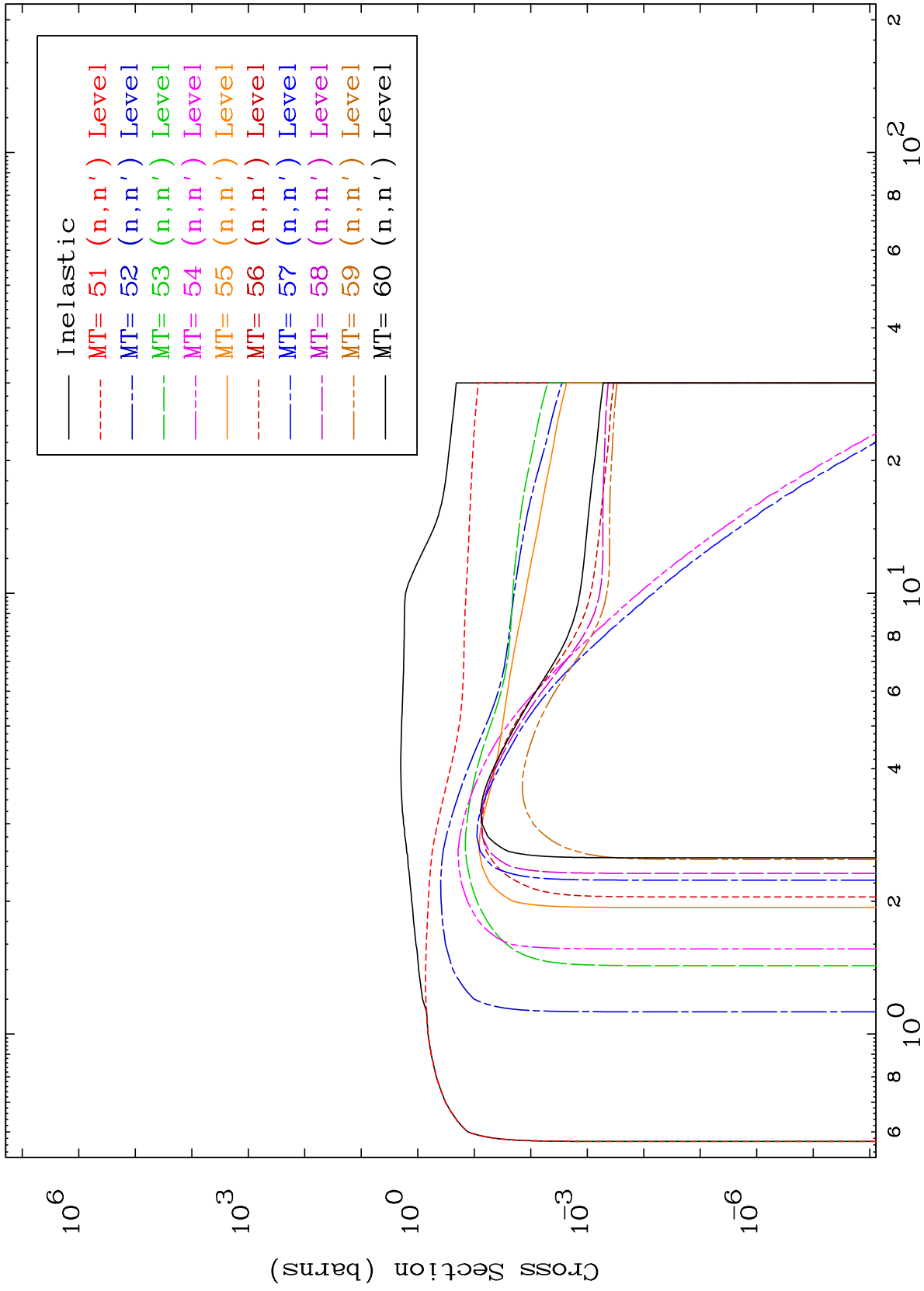
32-Ge-76

MAT 3243

(n,n') Levels

32-Ge-76

293 Kelvin Cross Sections



8

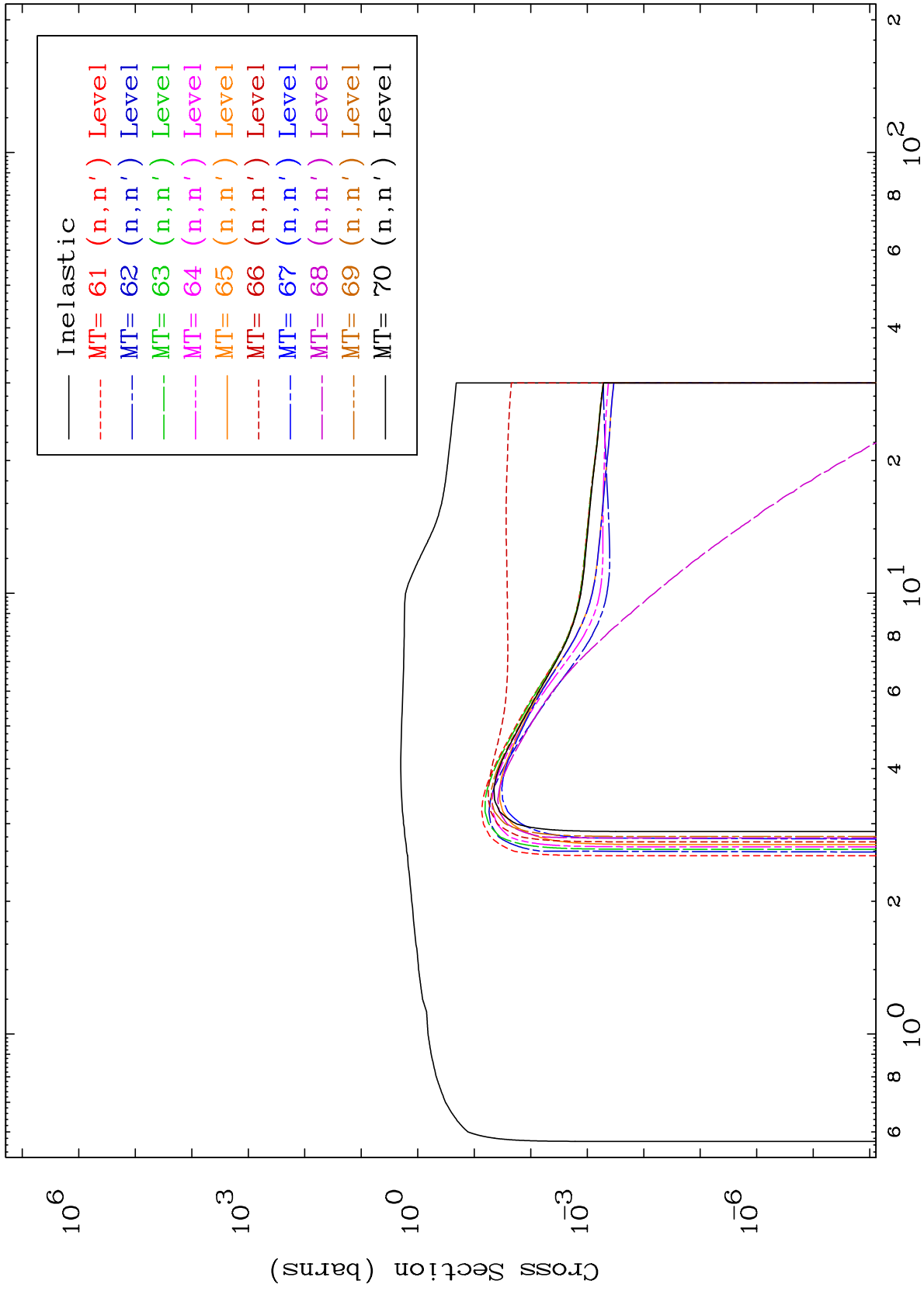
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,n') Levels
293 Kelvin Cross Sections

32-Ge-76



9

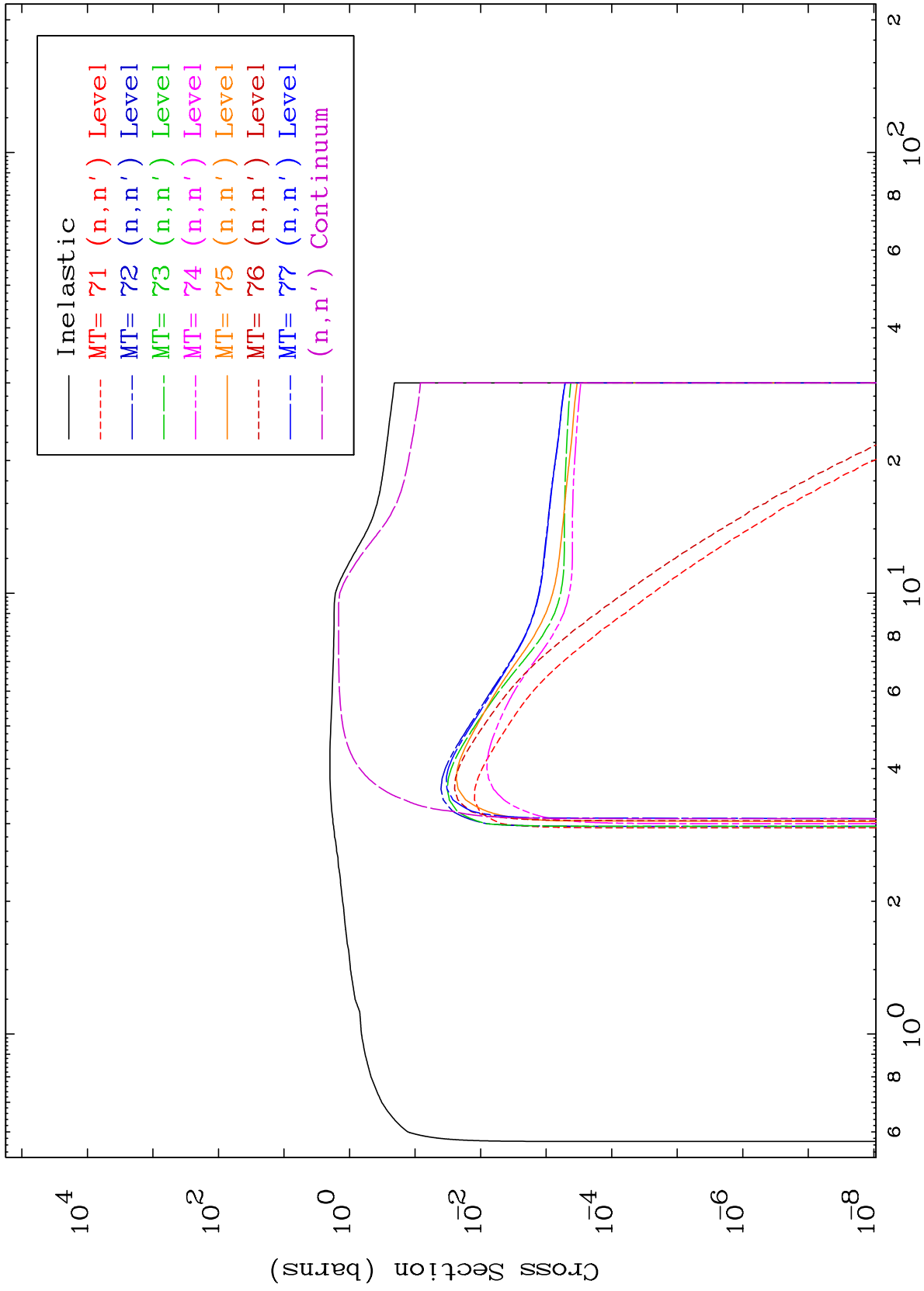
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32-Ge-76

MAT 3243

(n,n') Levels
293 Kelvin Cross Sections

32-Ge-76



10

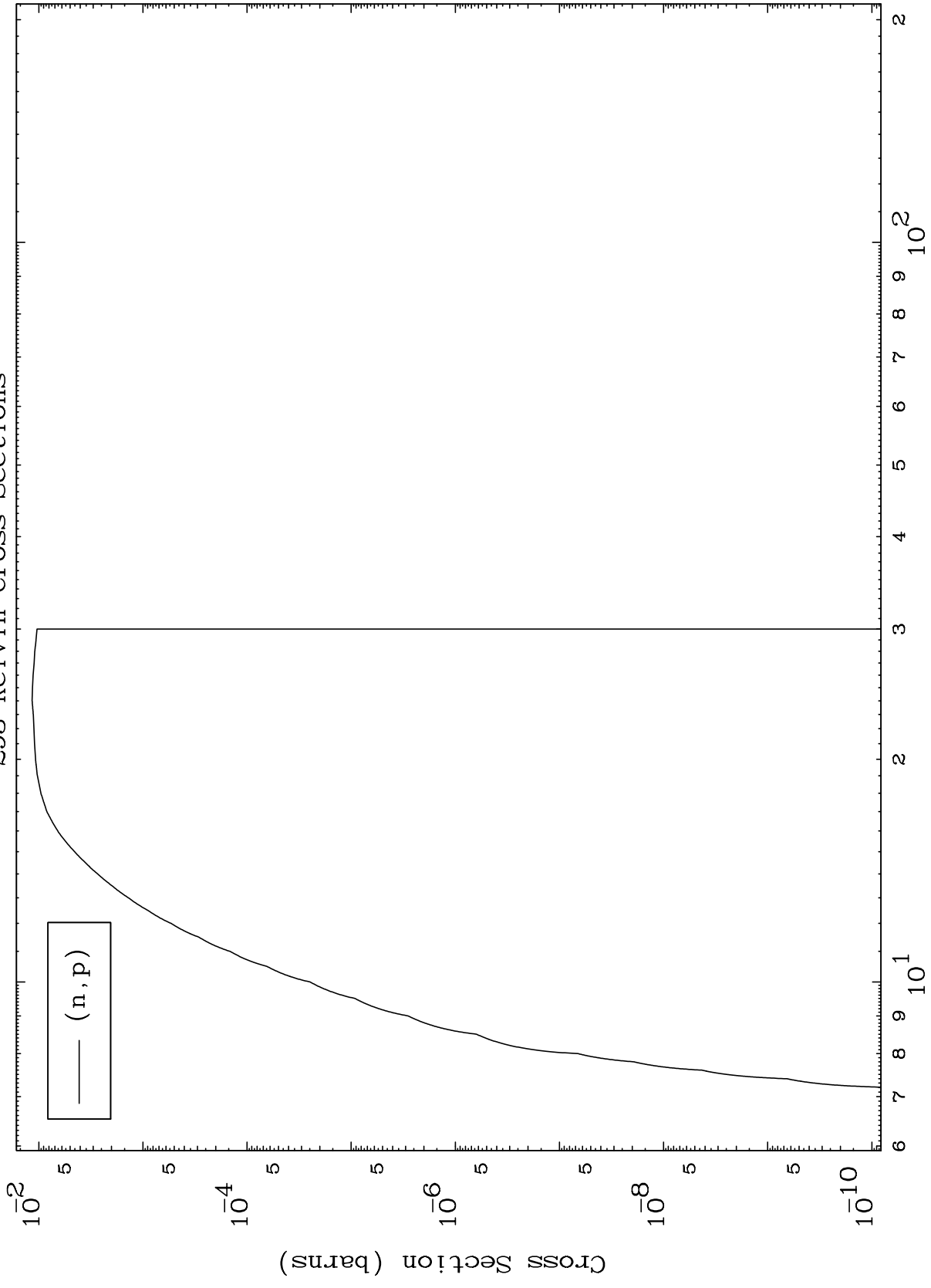
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-76



11

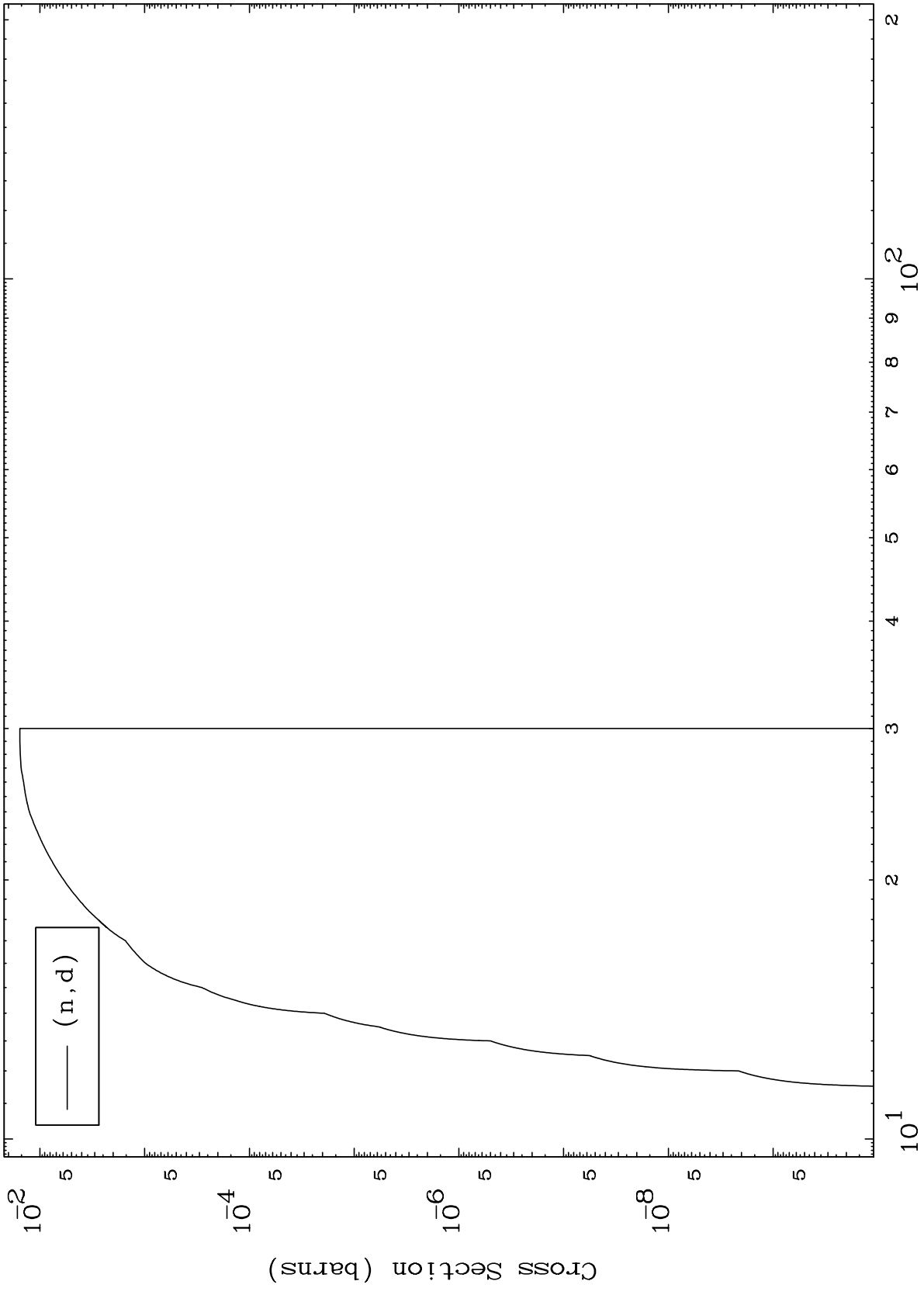
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,d) Levels
293 Kelvin Cross Sections

32-Ge-76



12

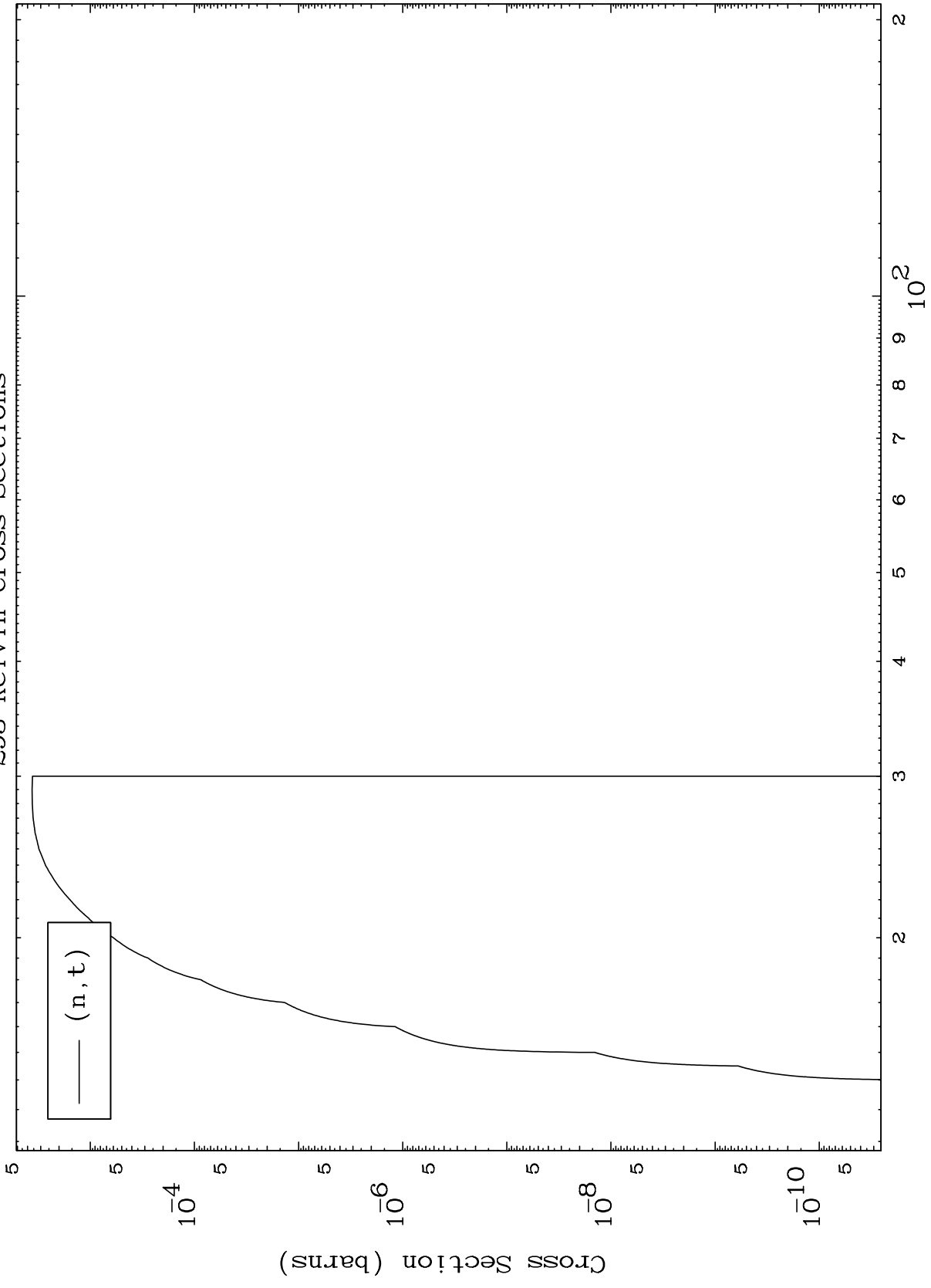
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-76



13

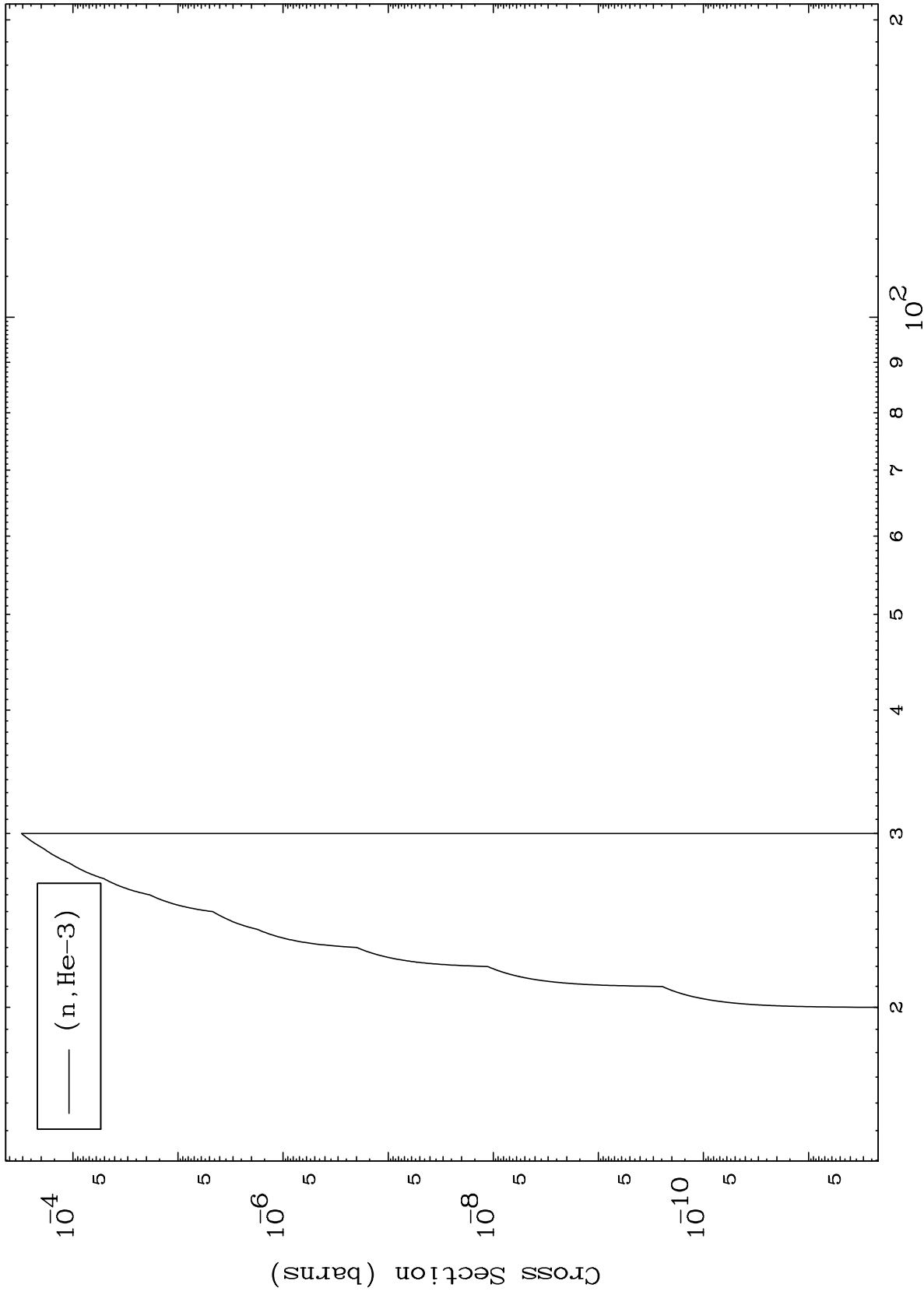
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,He3) Levels
293 Kelvin Cross Sections

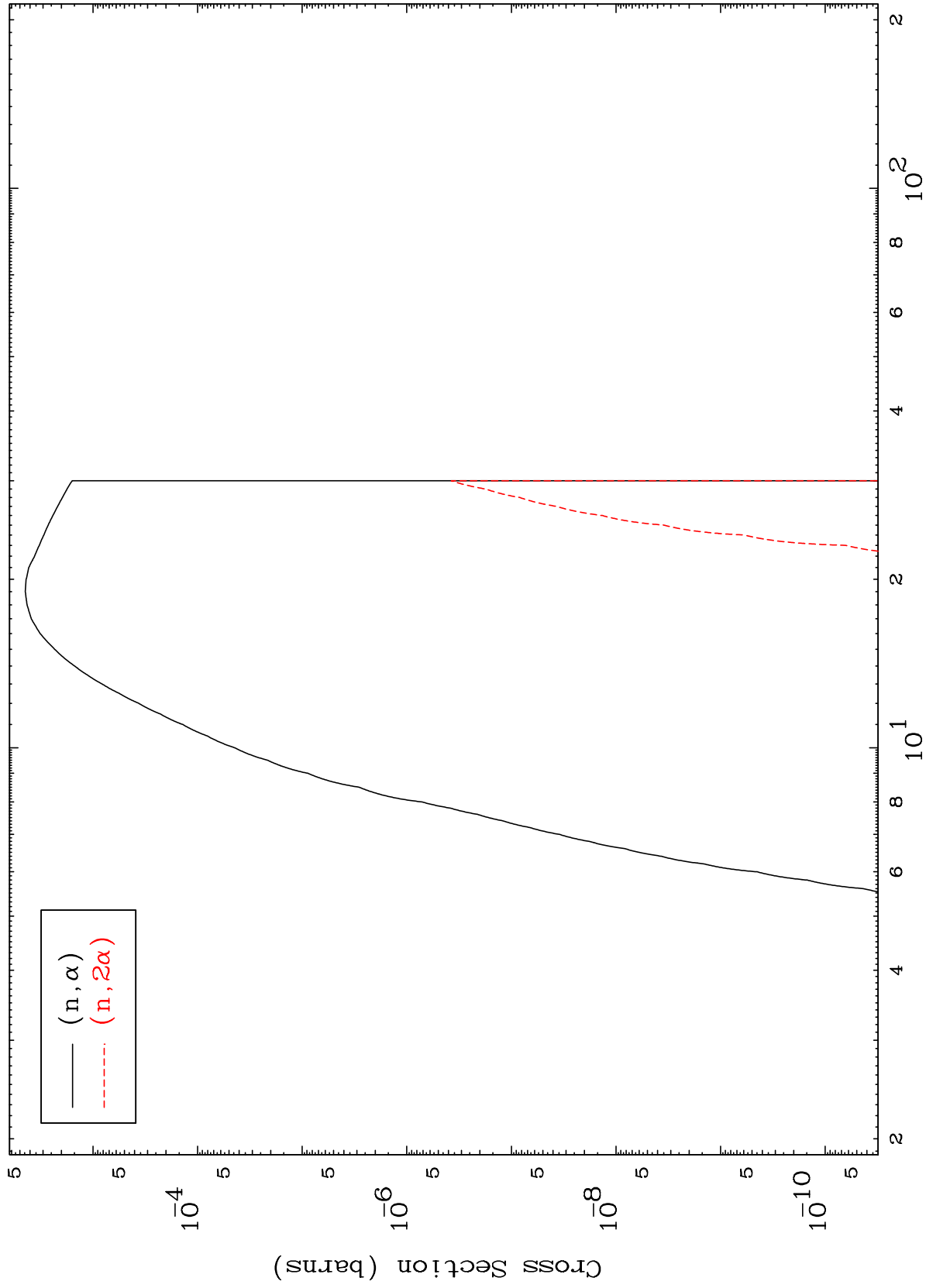
32-Ge-76



MAT 3243

(n,α) Levels
293 Kelvin Cross Sections

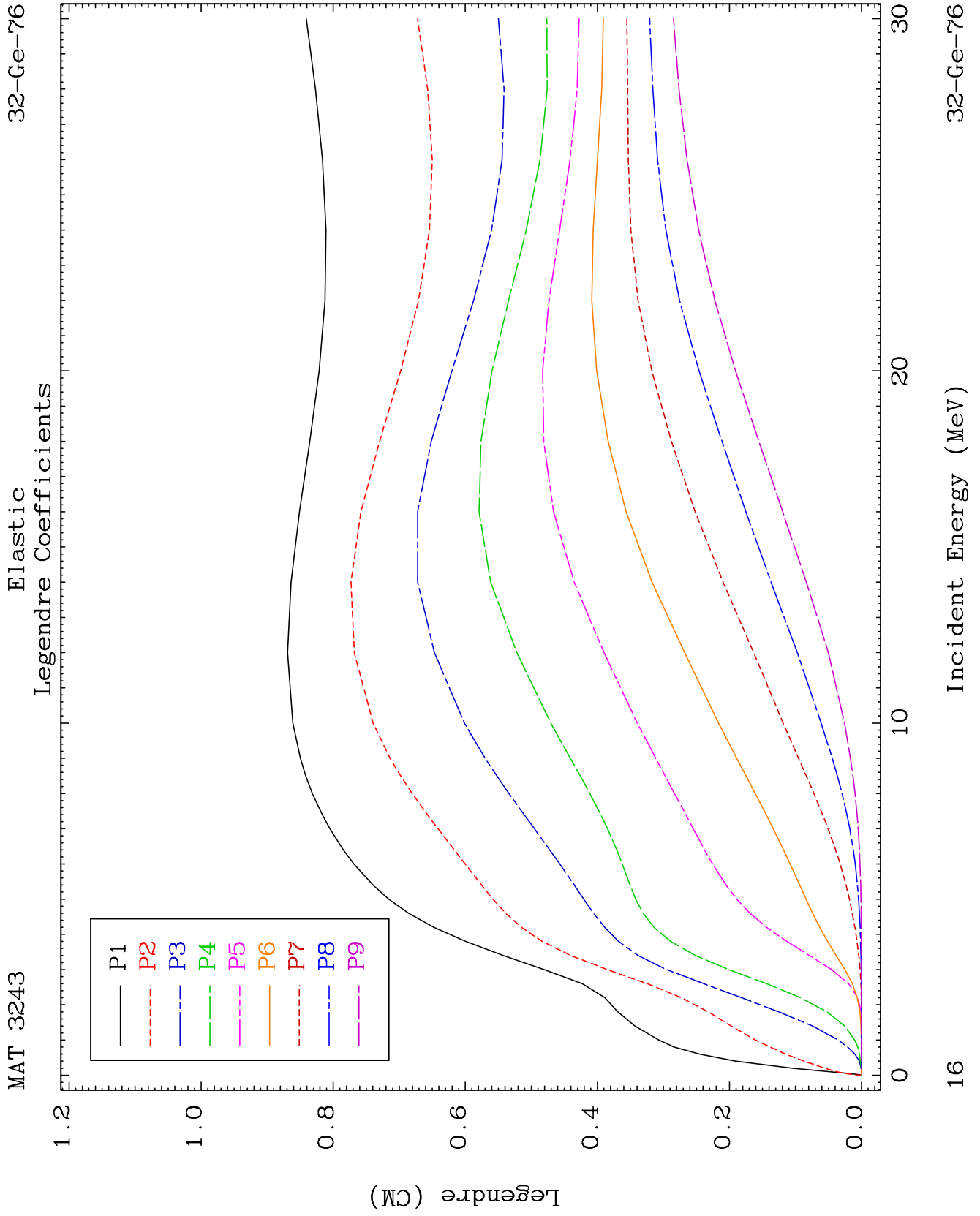
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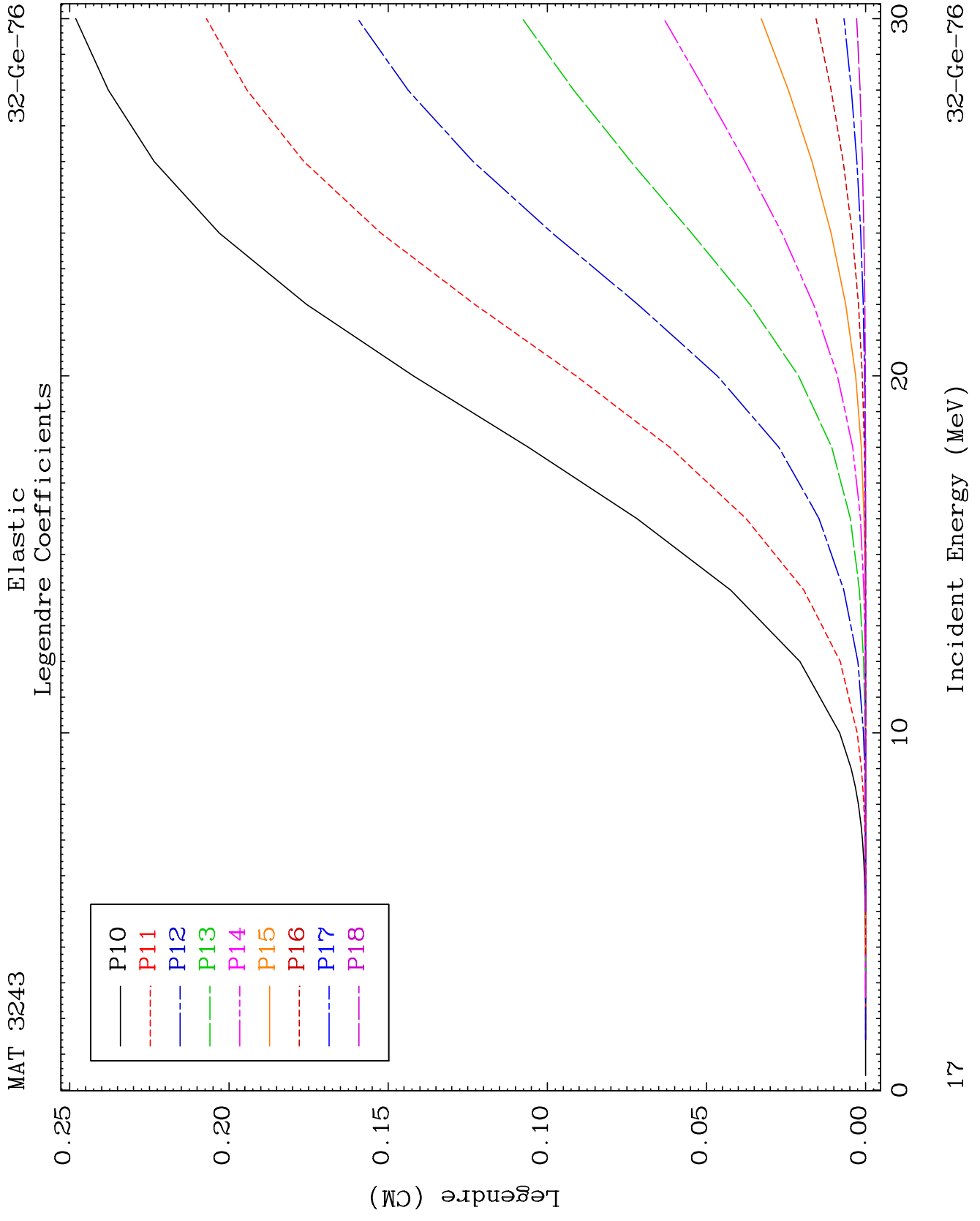


15

Incident Energy (MeV)

32-Ge-76

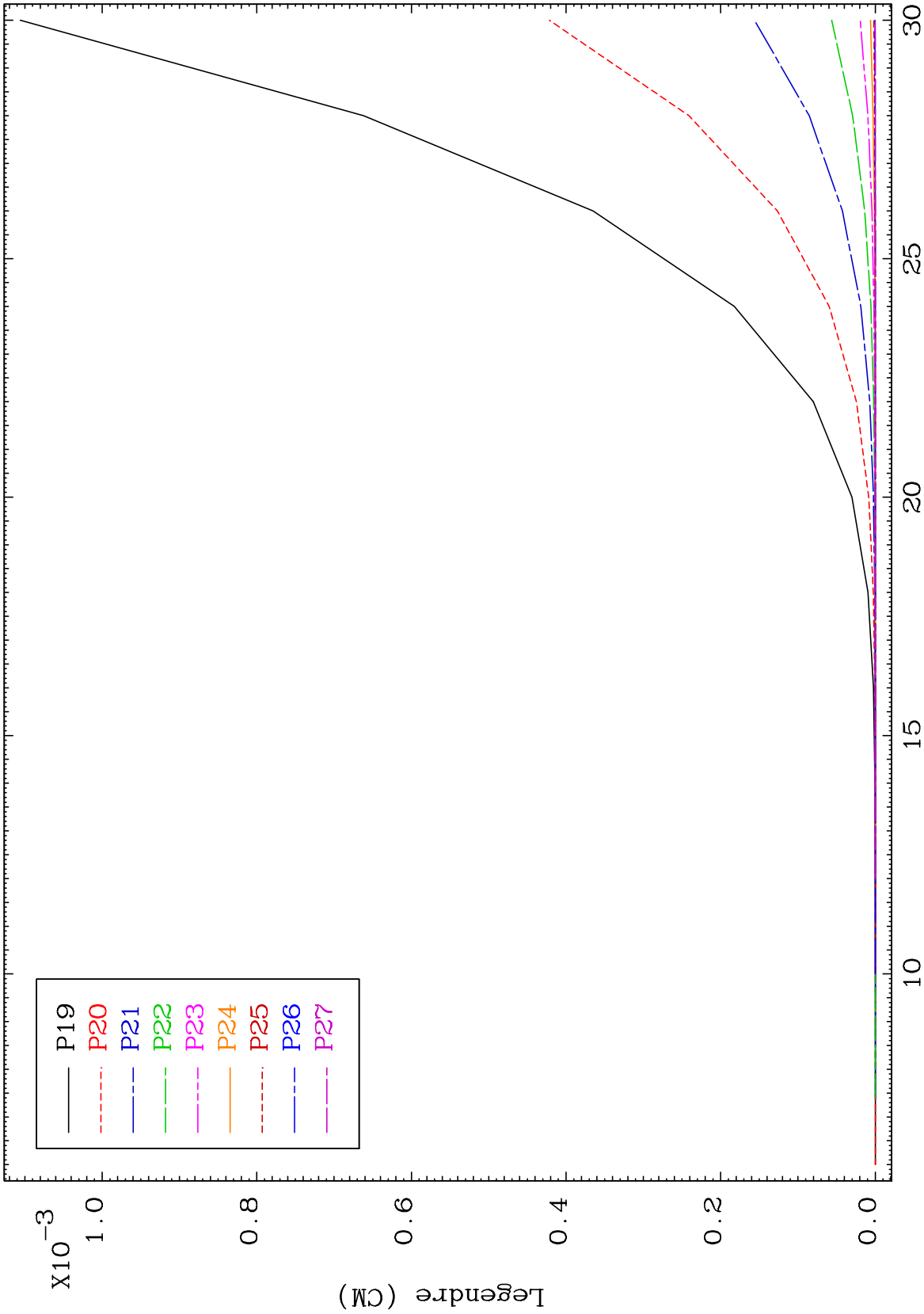




MAT 3243

Elastic Legendre Coefficients

³²Ge-76



18

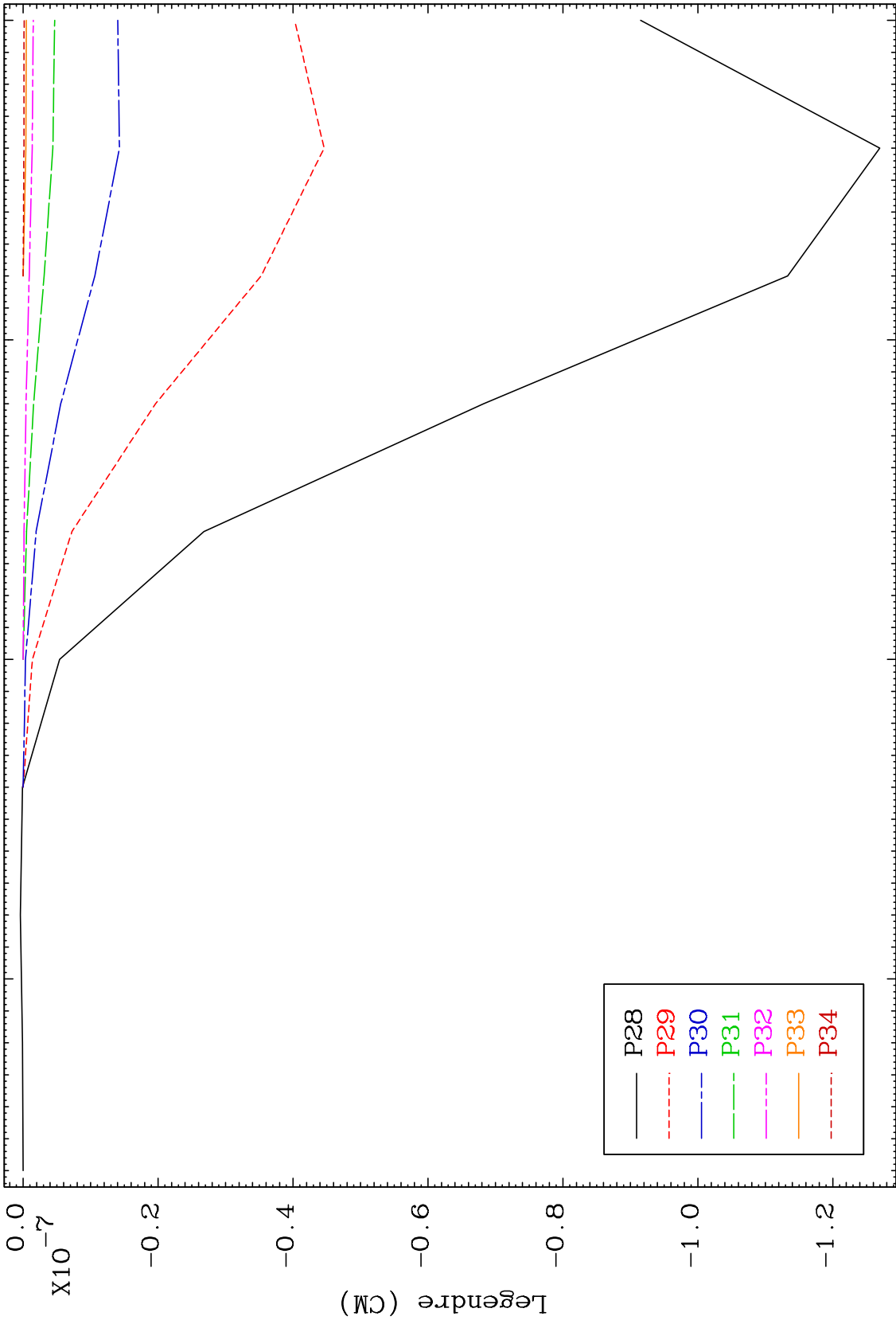
Incident Energy (MeV)

³²Ge-76

MAT 3243

32-Ge-76

Elastic Legendre Coefficients



19

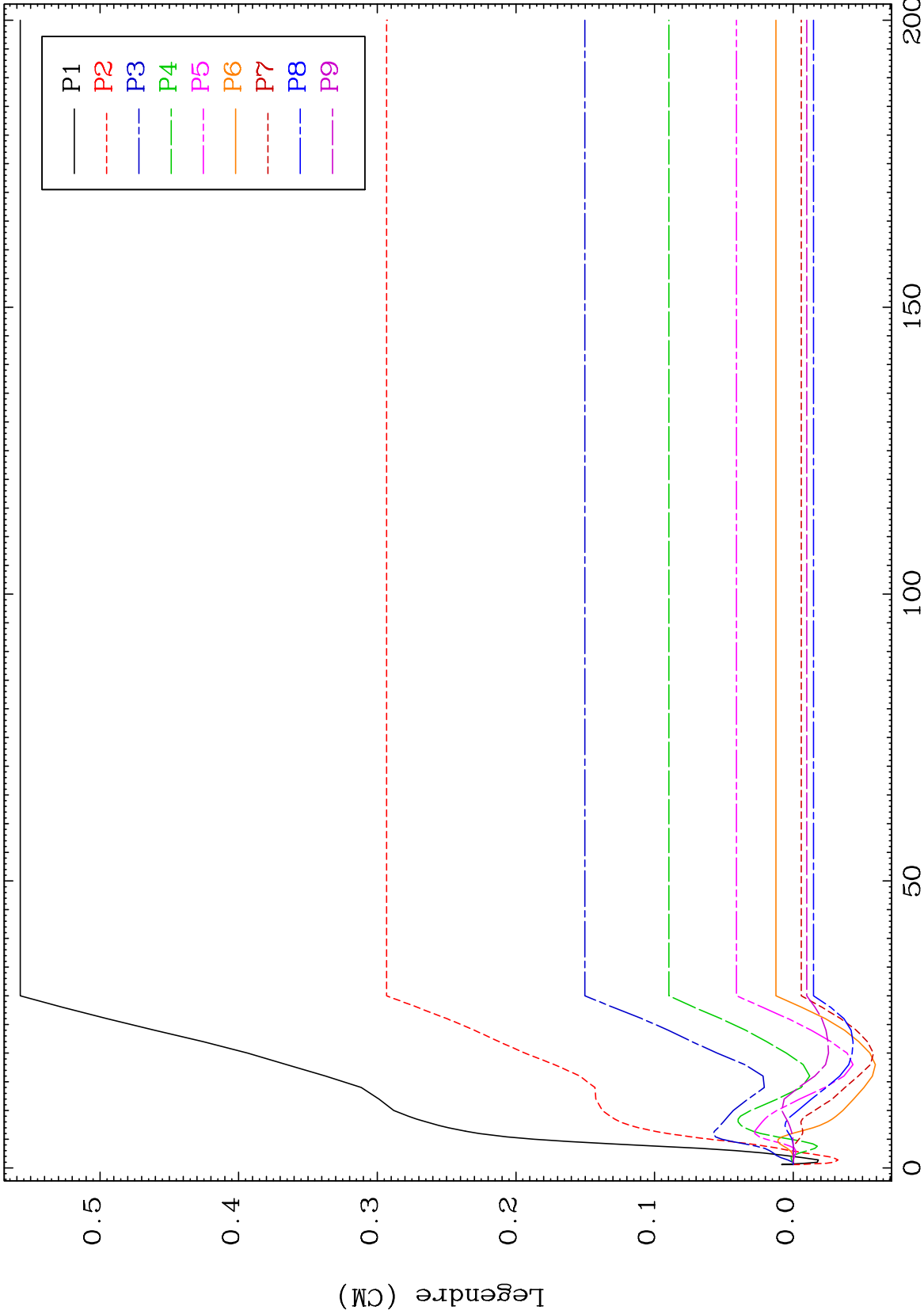
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

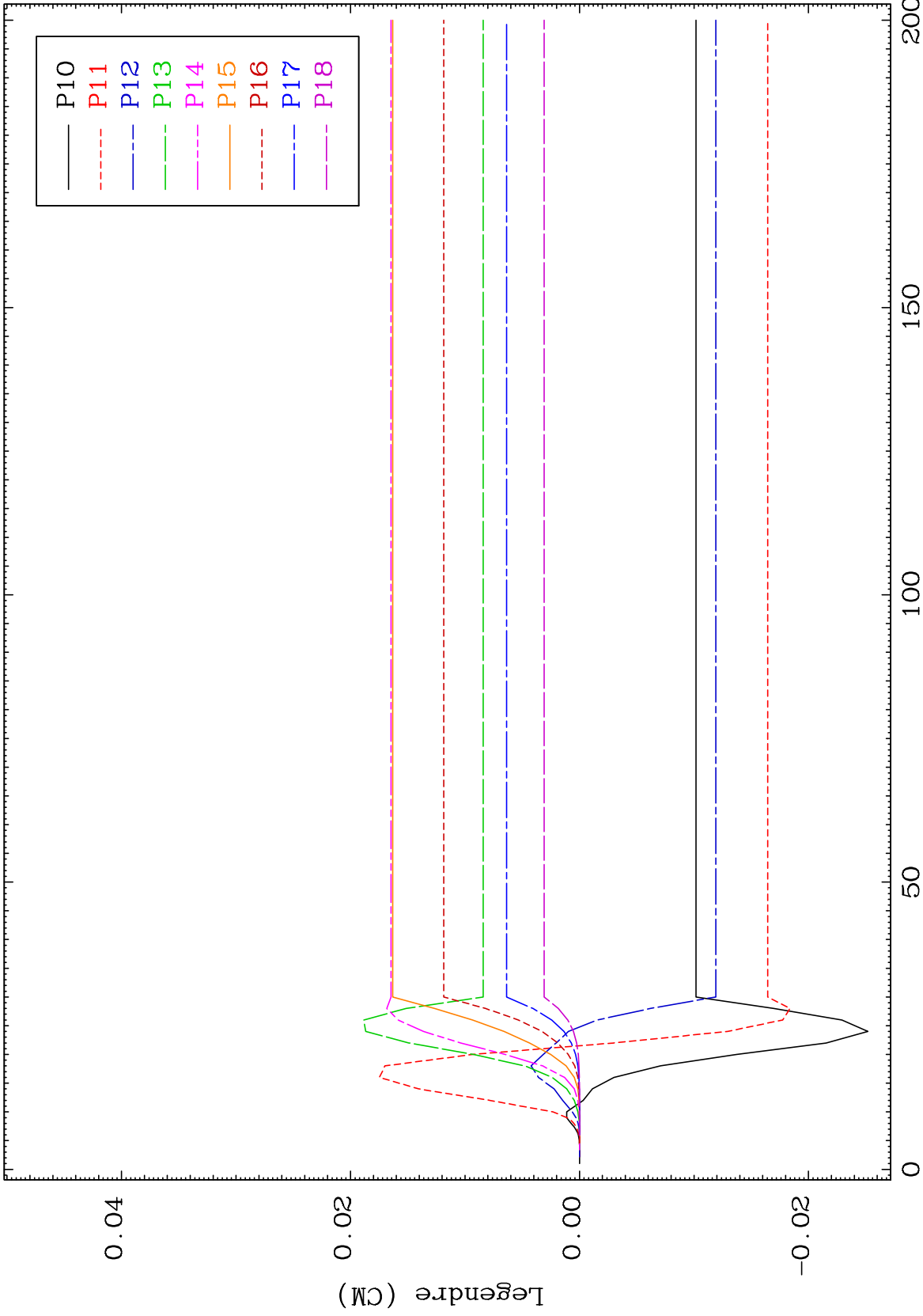
Incident Energy (MeV)

Legendre (CM)

MAT 3243

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

32-Ge-76



21

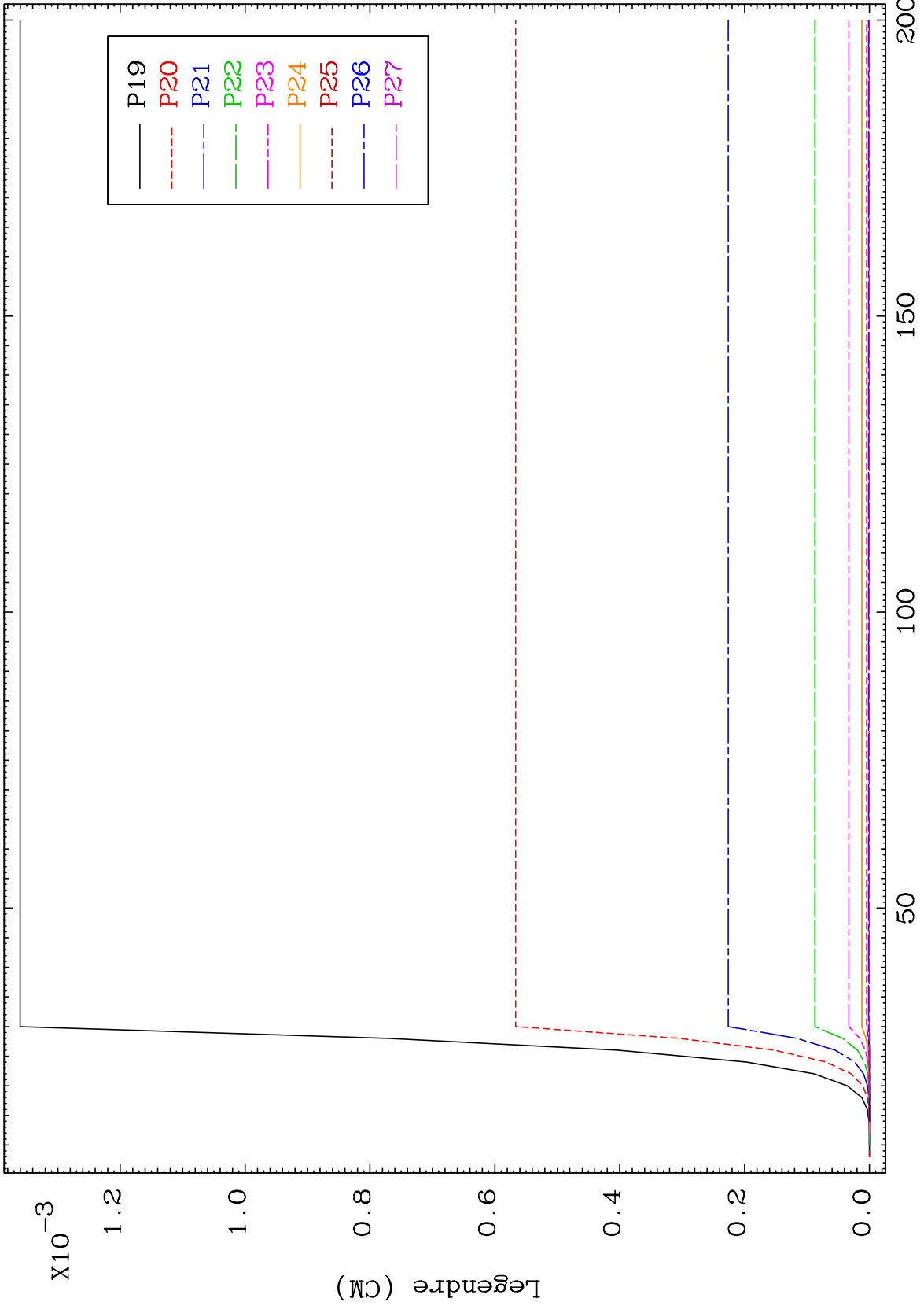
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



22

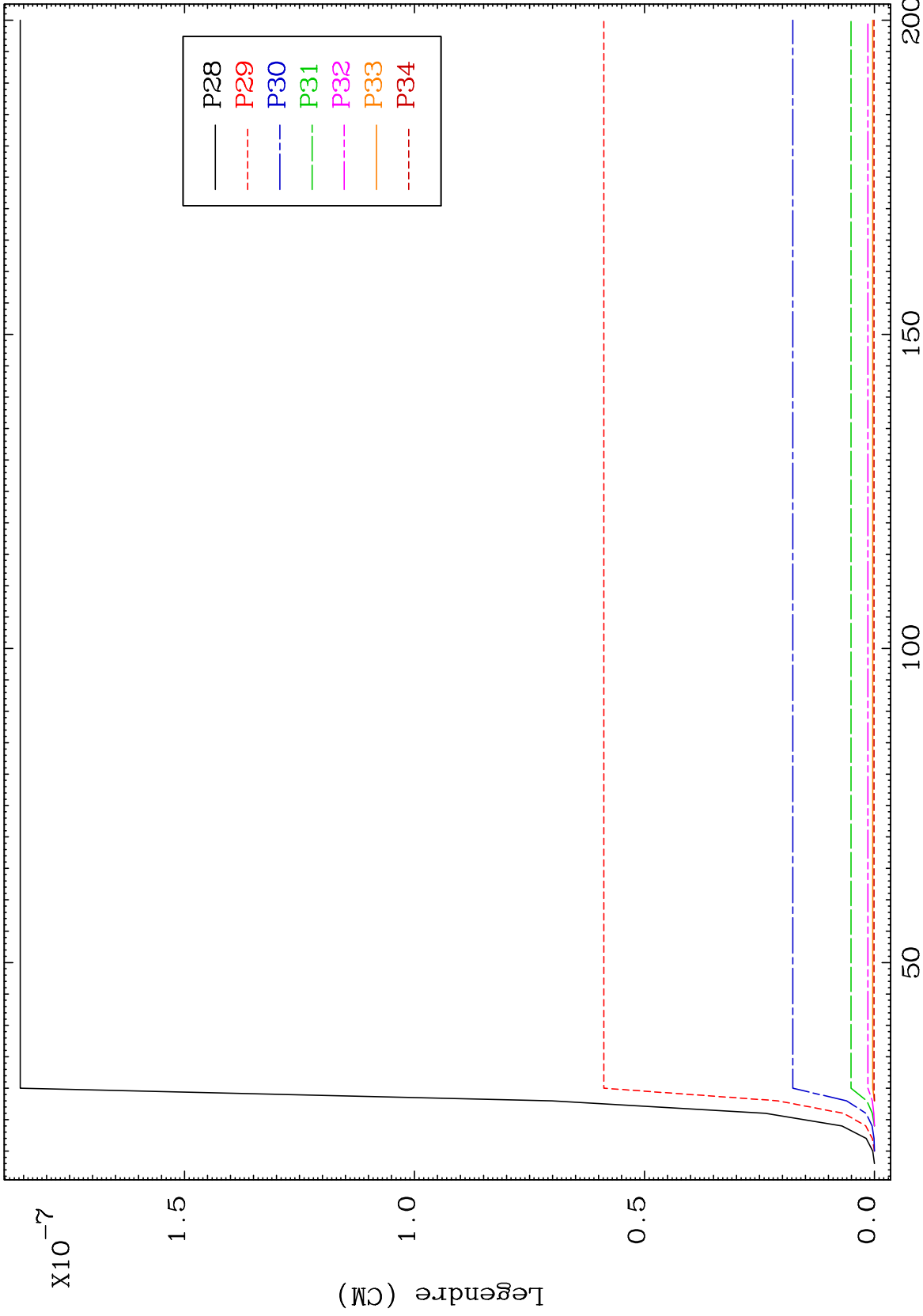
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



23

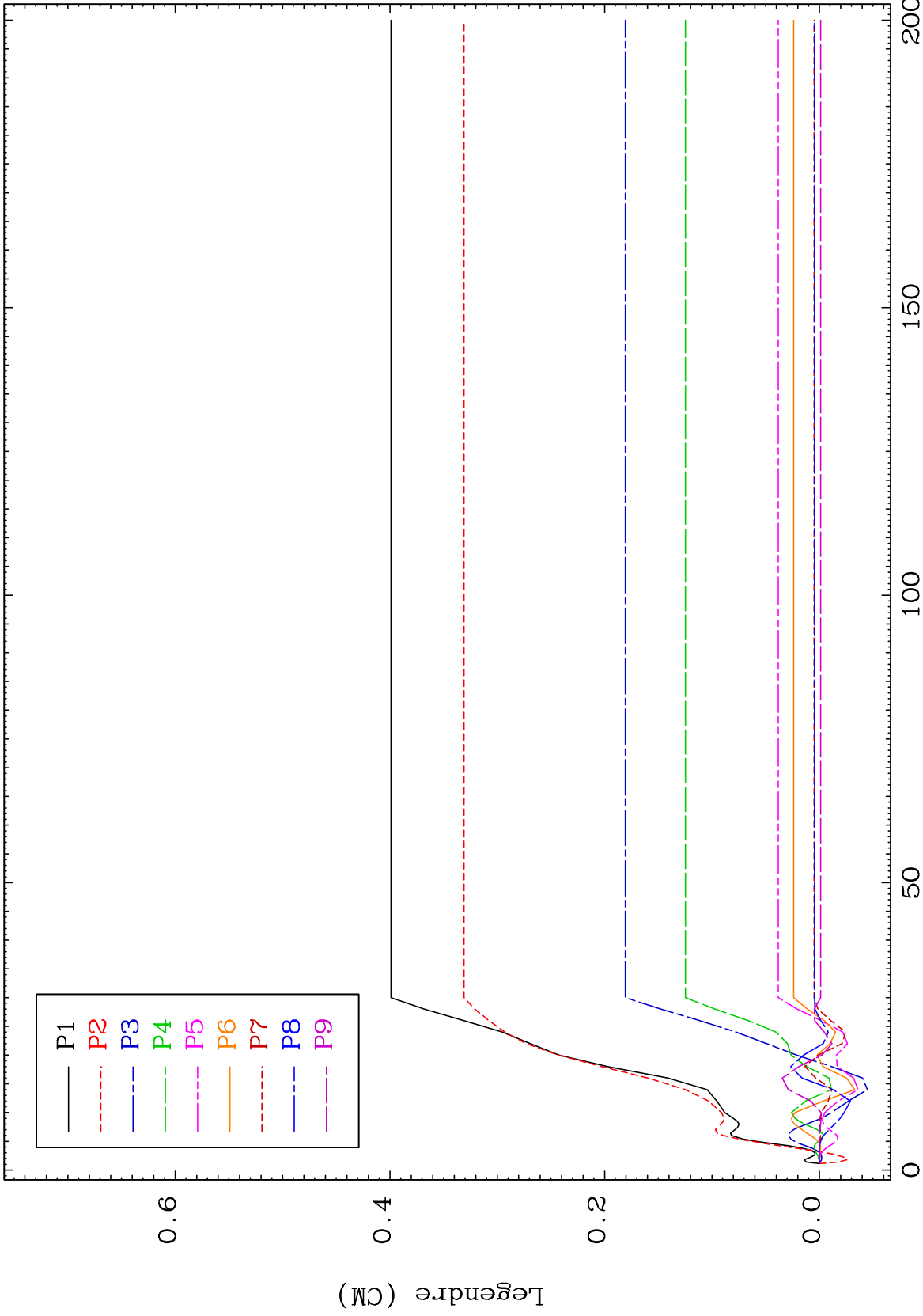
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



24

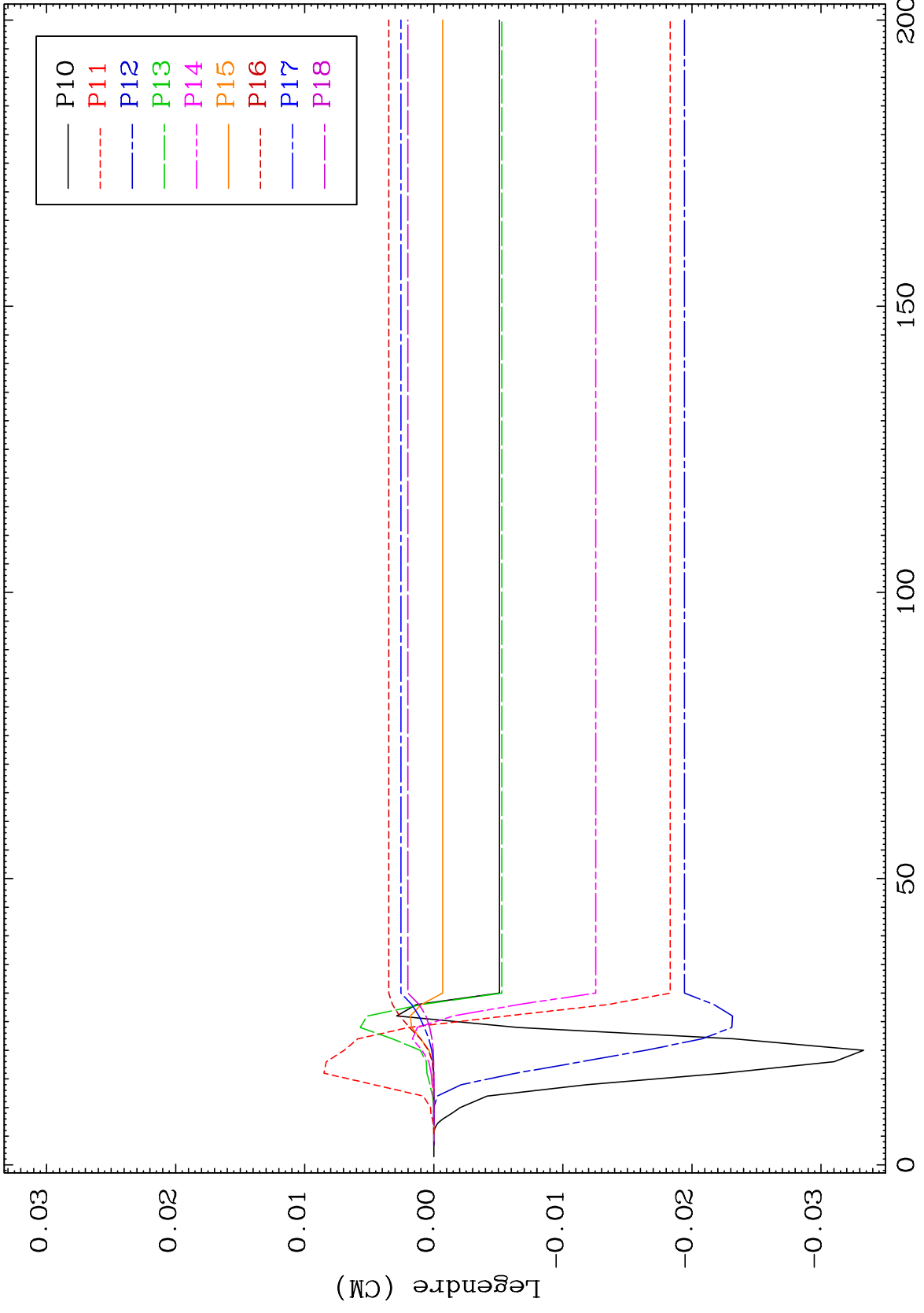
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



25

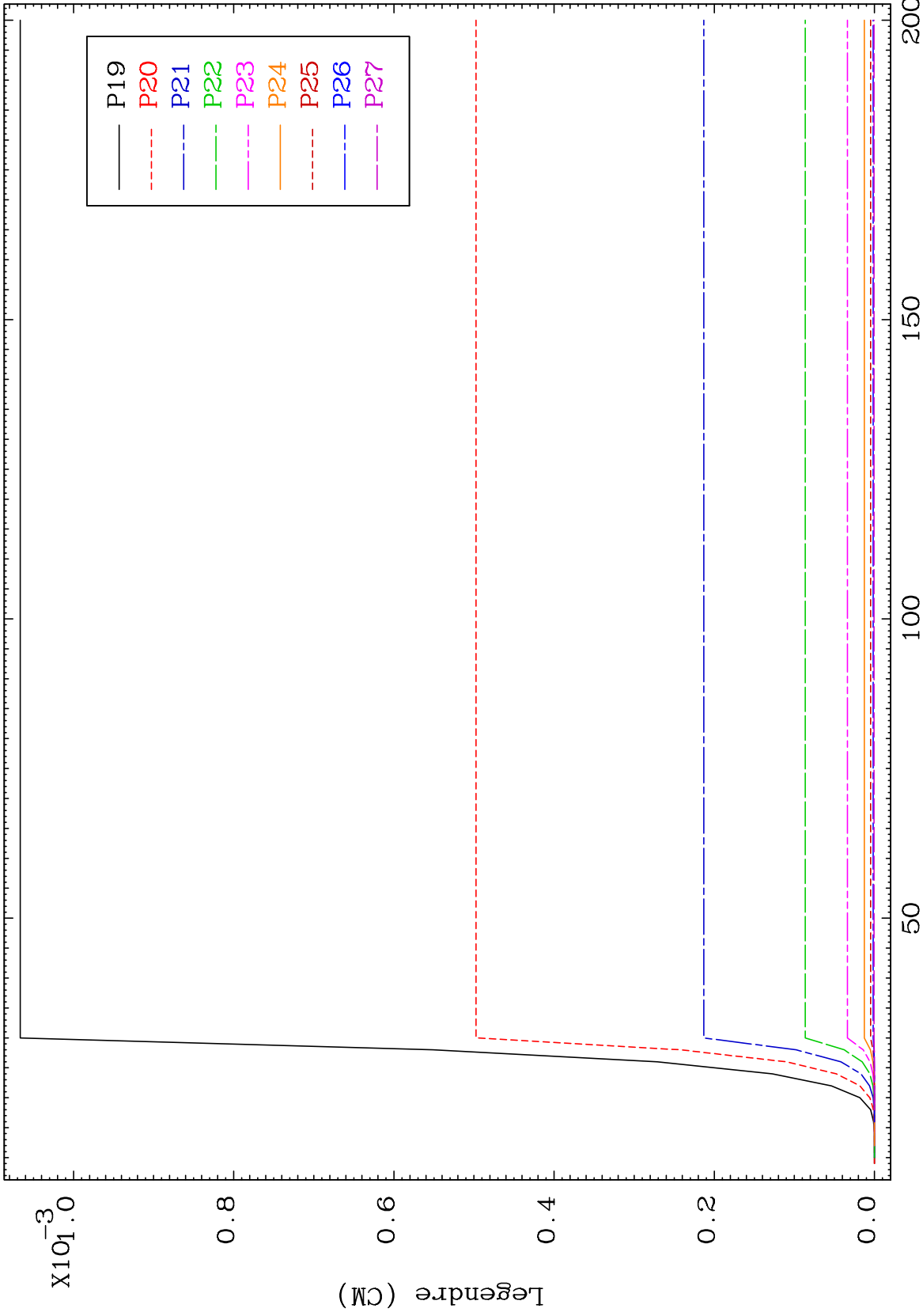
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



26

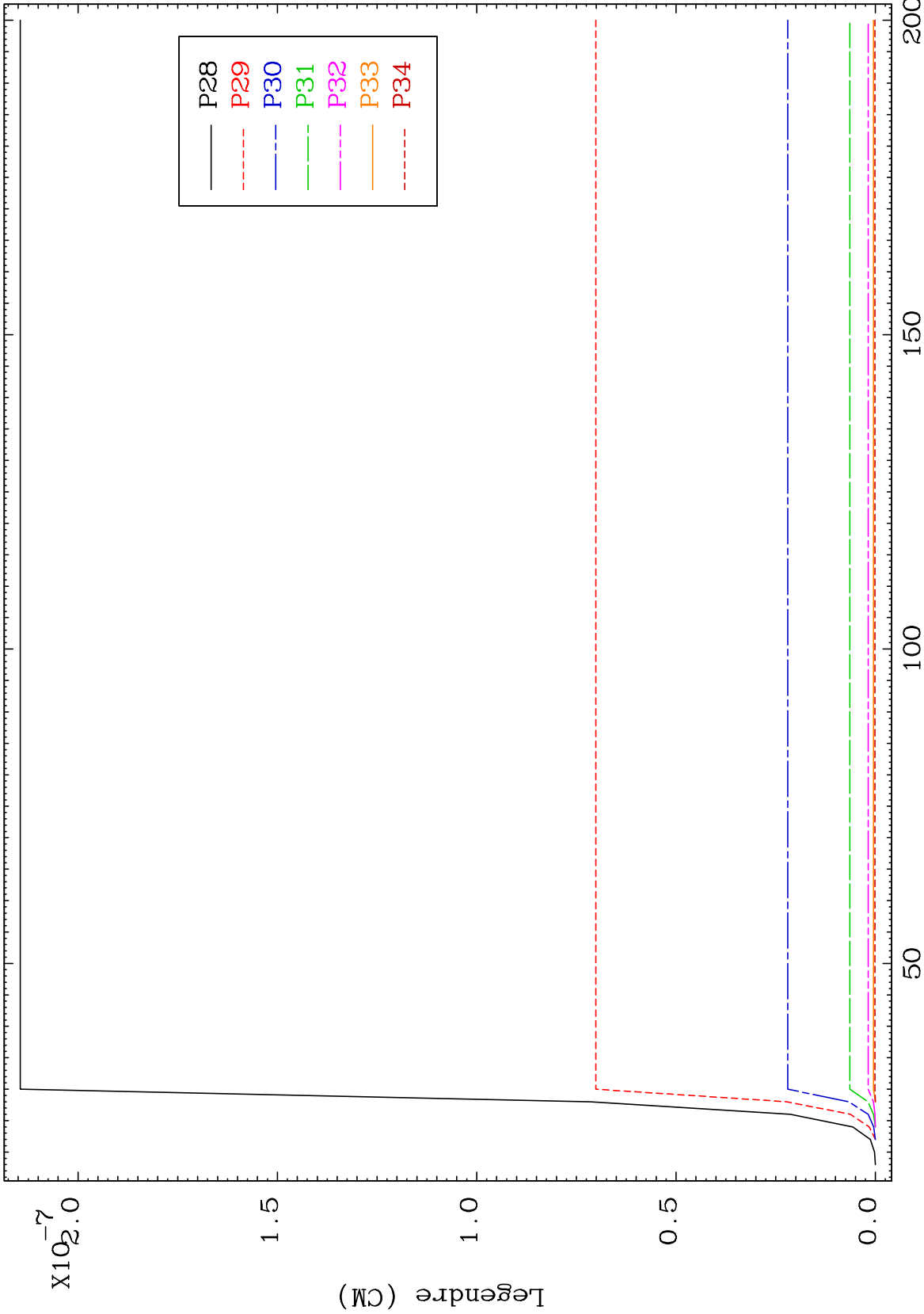
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



27

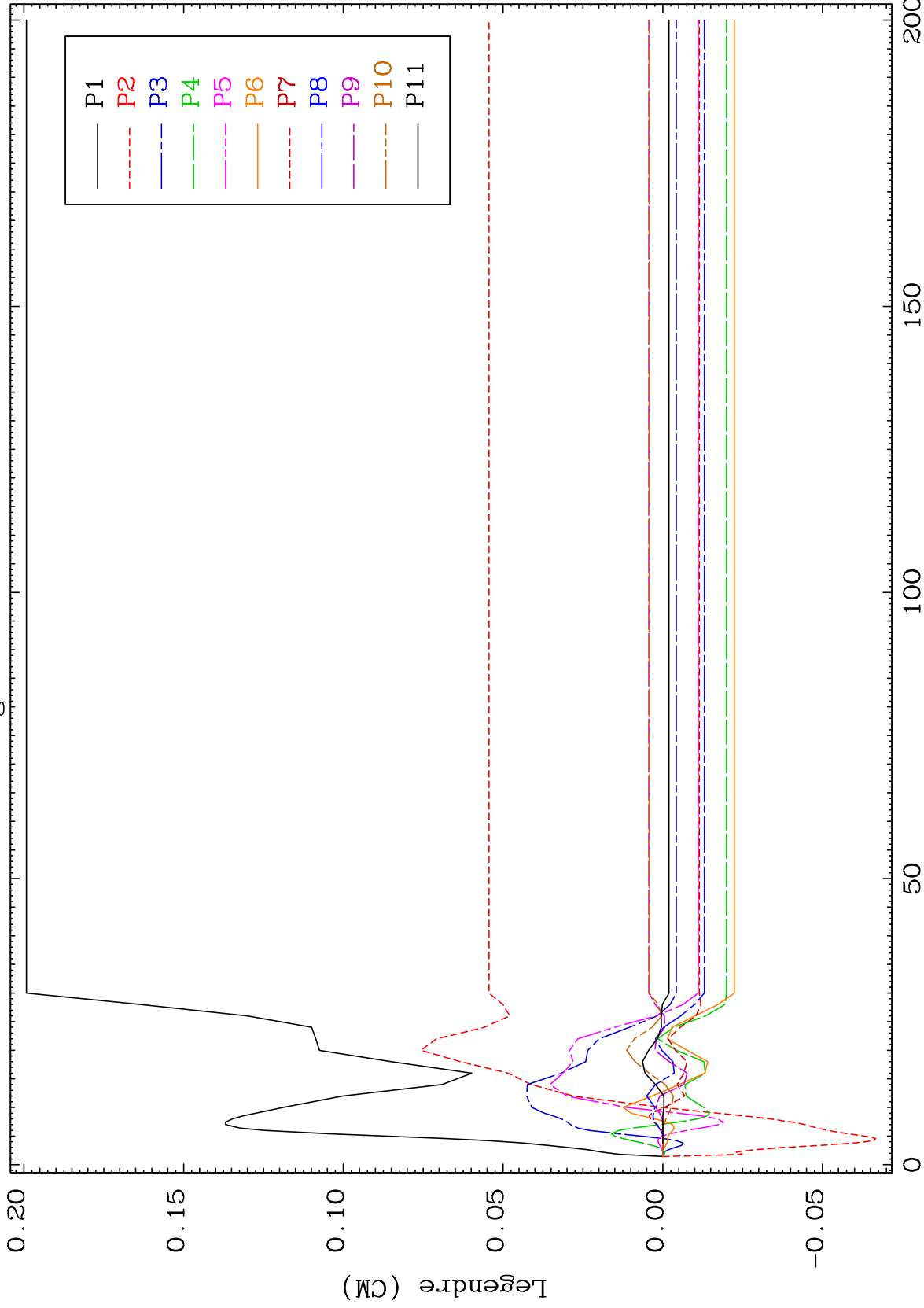
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



28

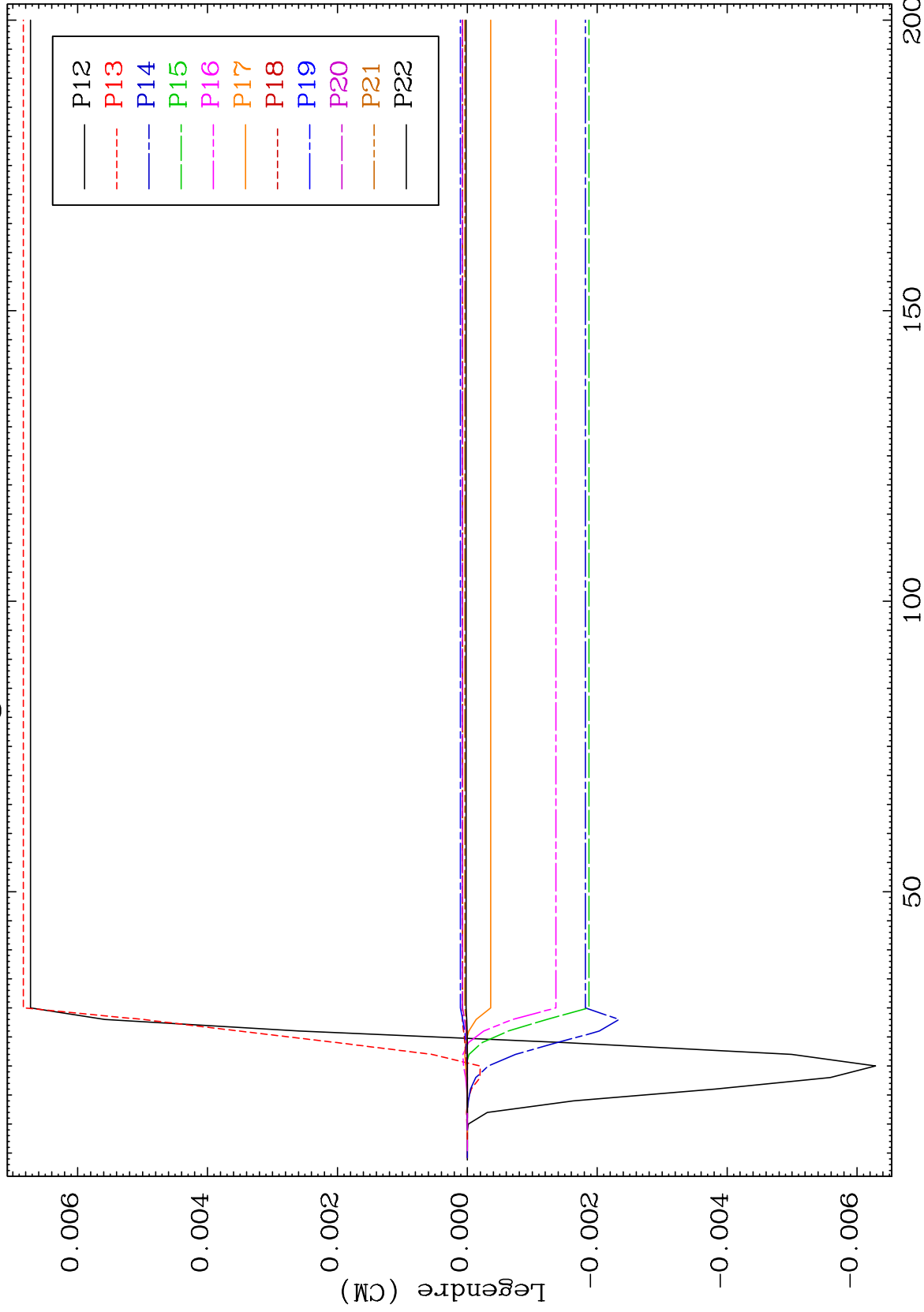
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



29

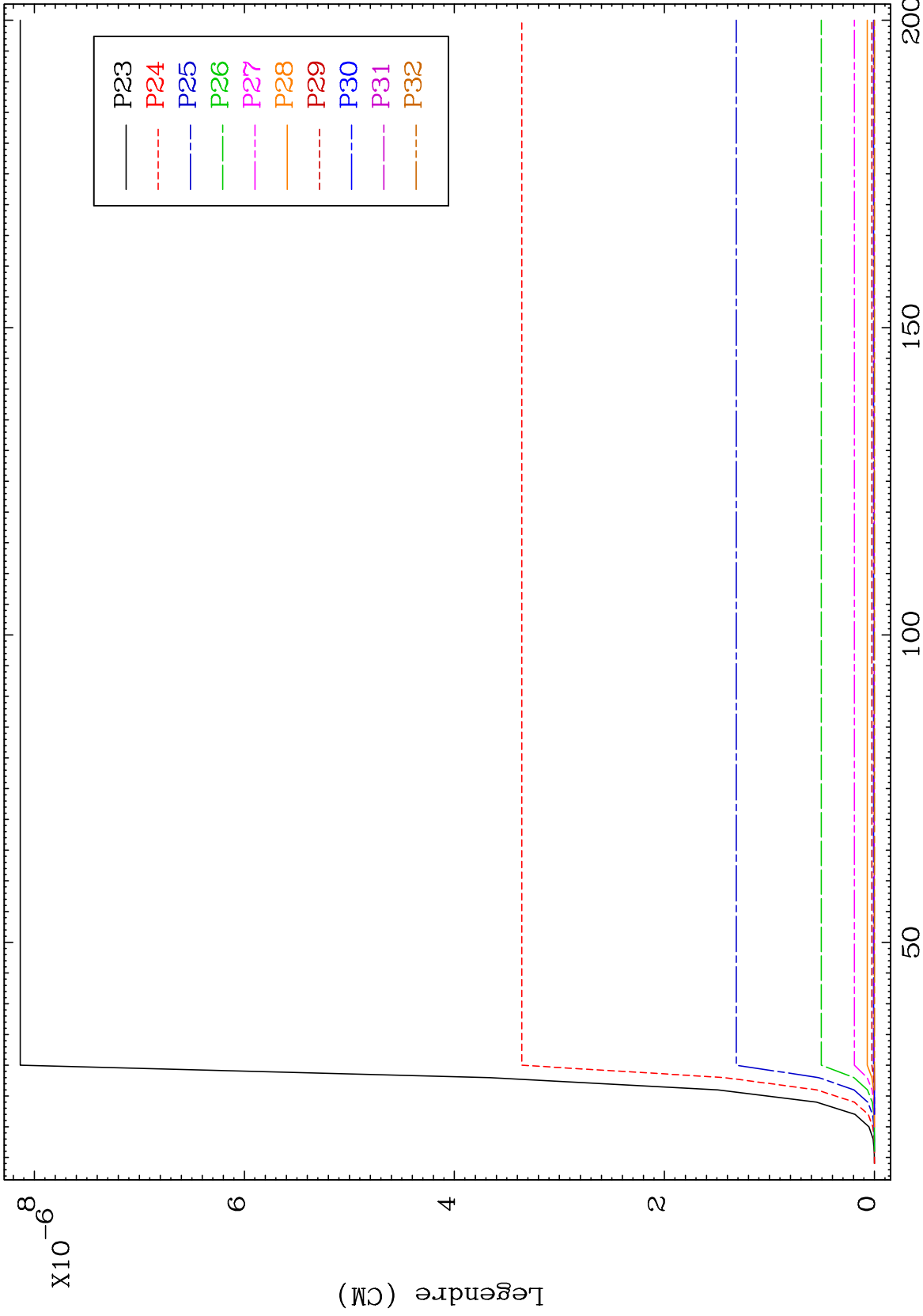
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



30

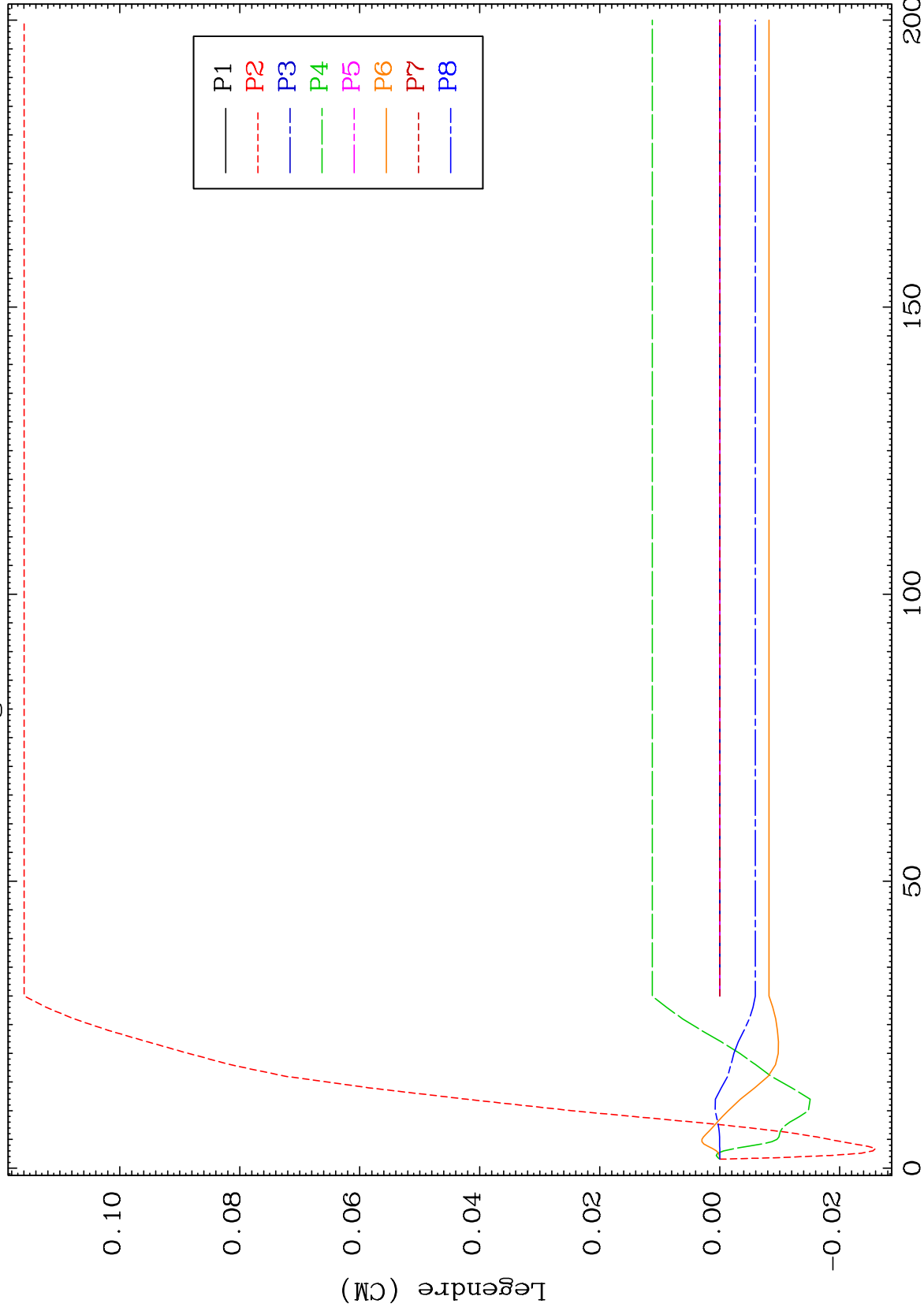
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



31

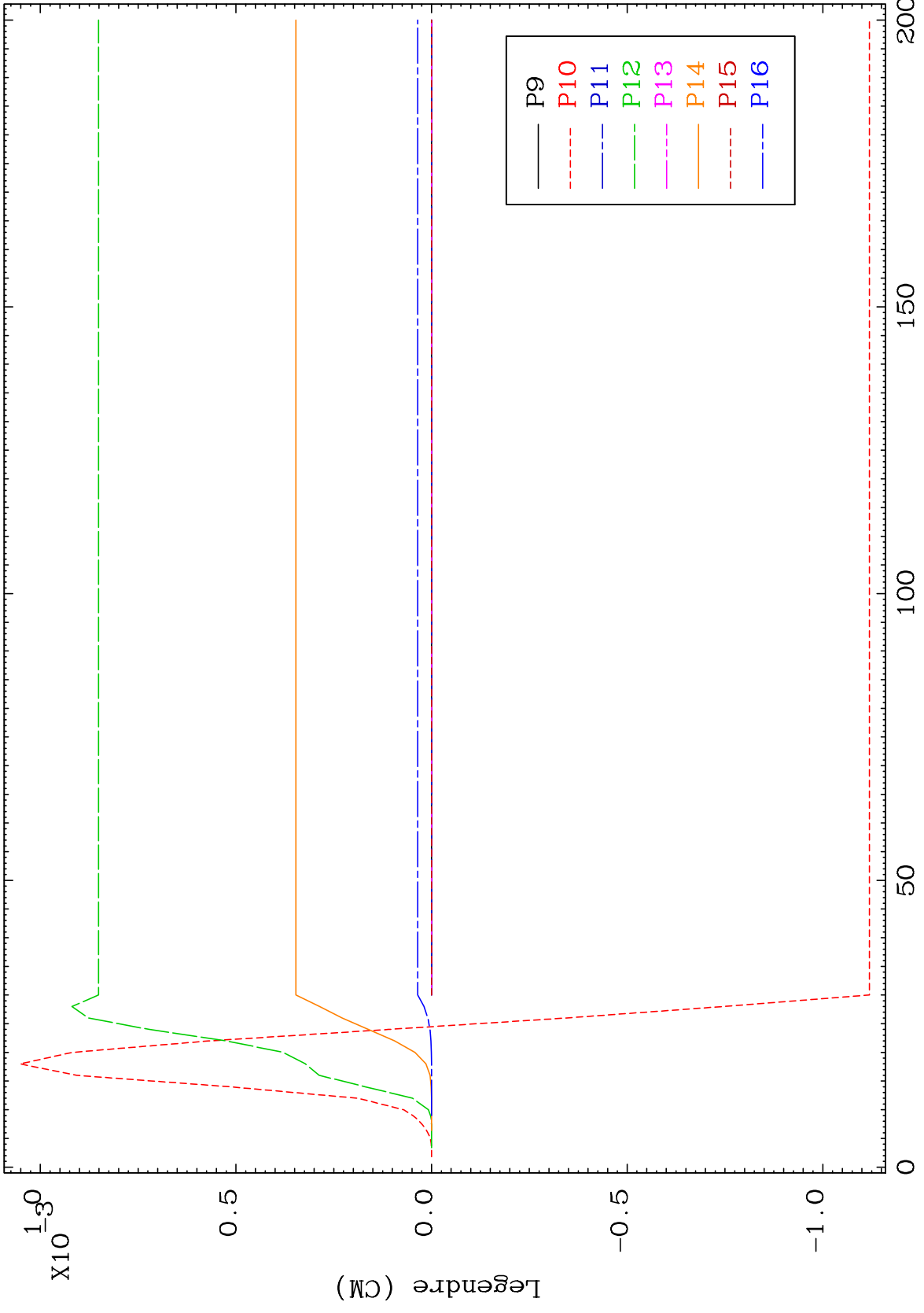
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

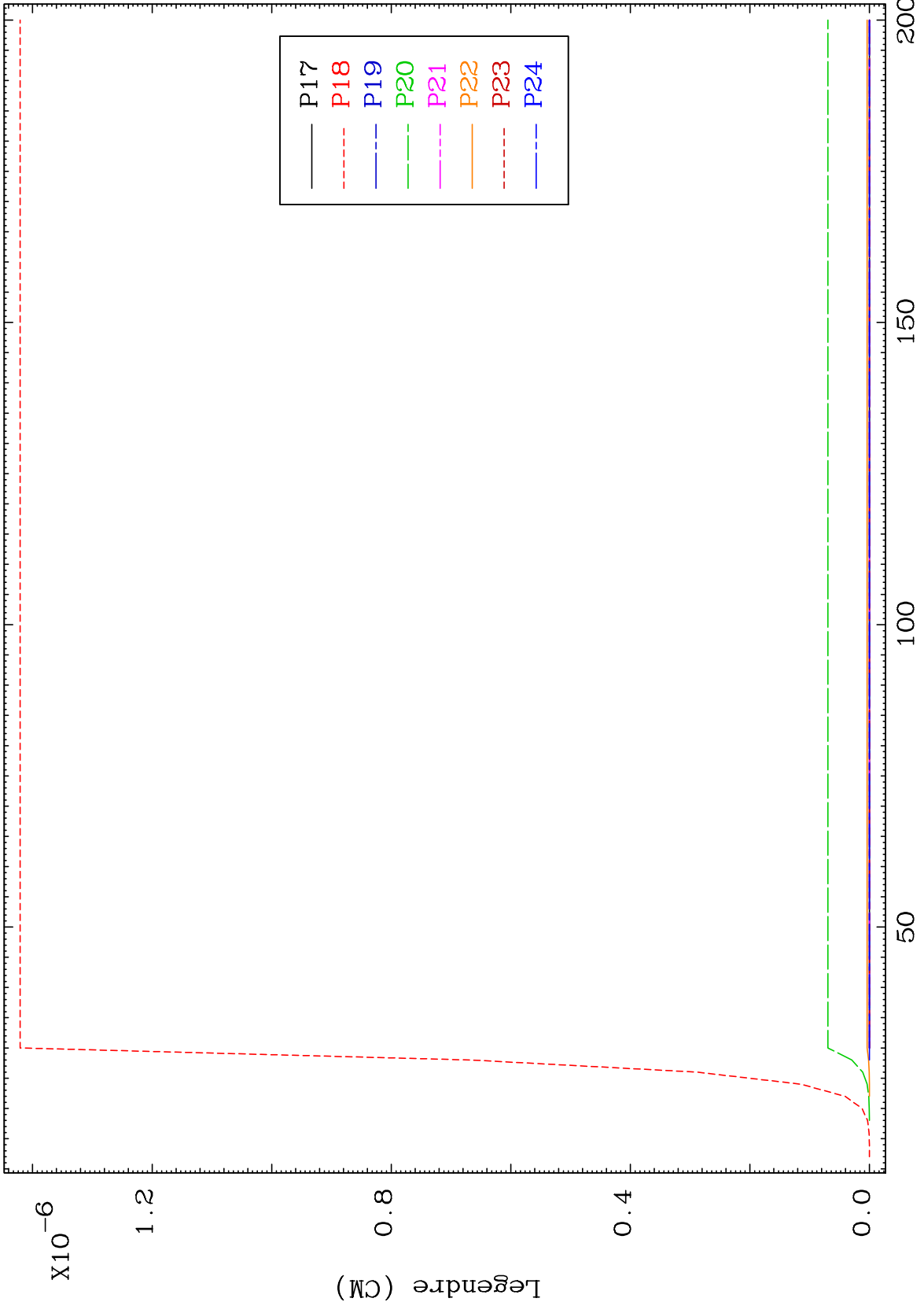


32

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 54 (n,n') Level Legendre Coefficients 32-Ge-76

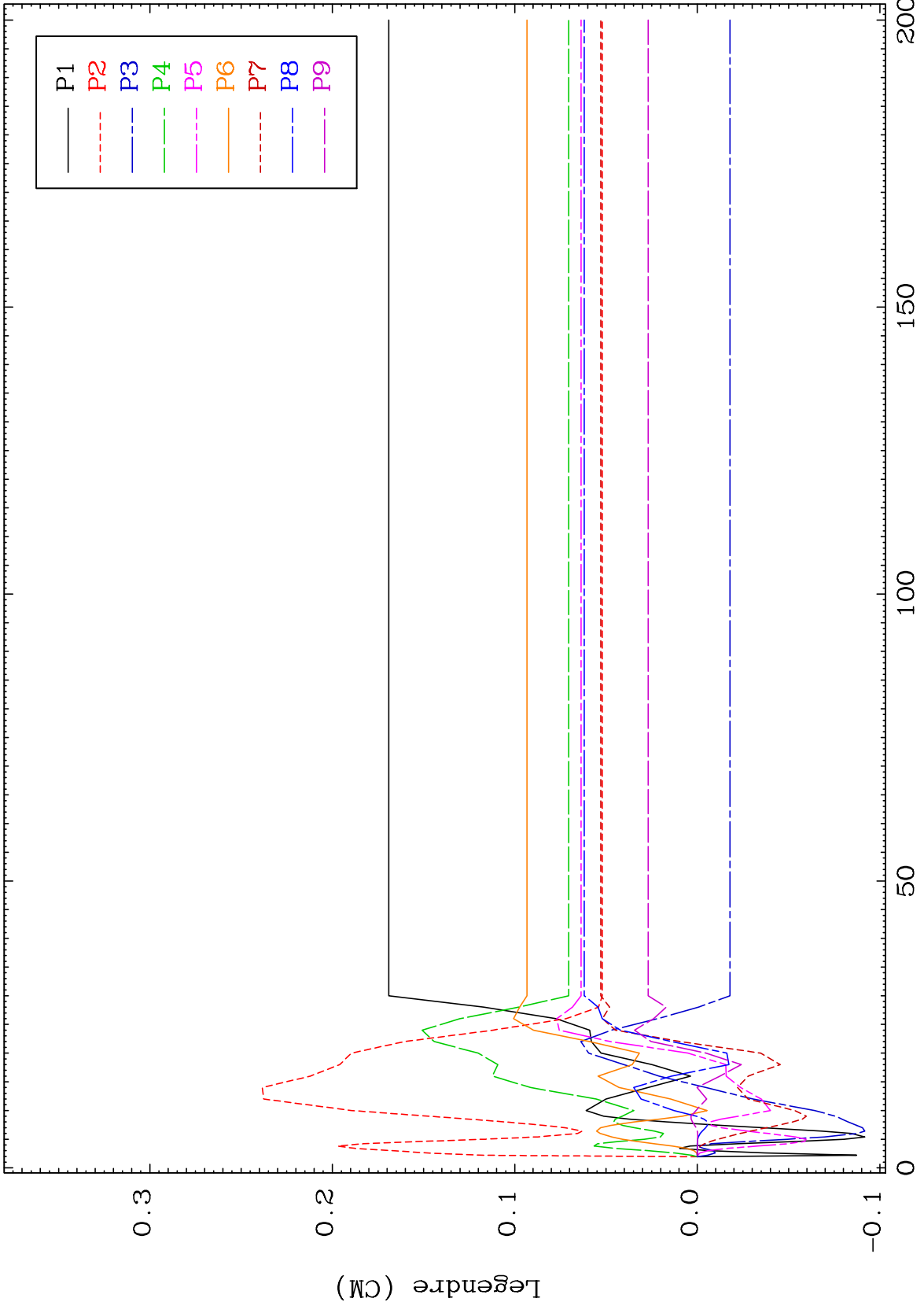


33 Incident Energy (MeV) 32-Ge-76

MAT 3243

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

32-Ge-76



34

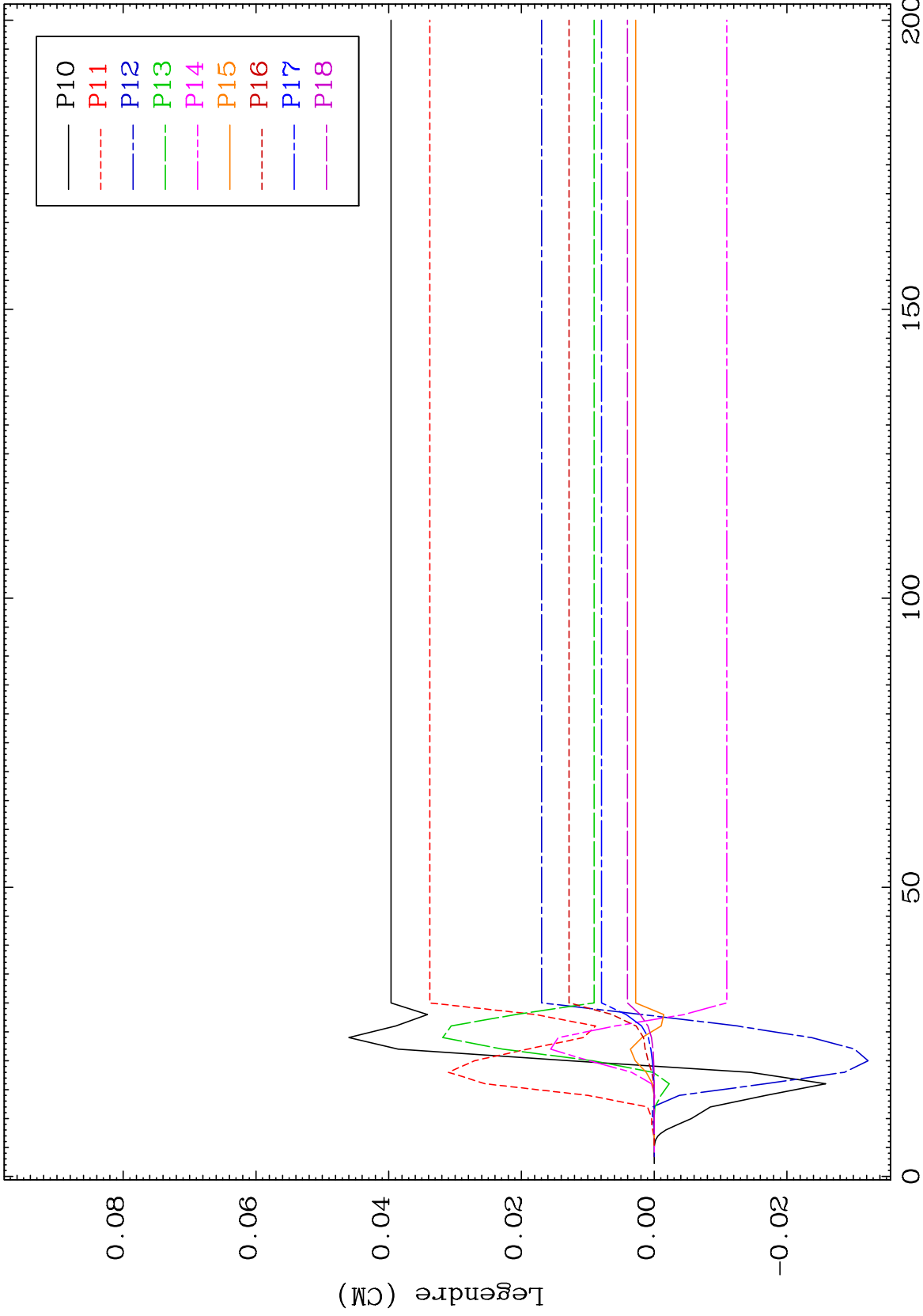
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



35

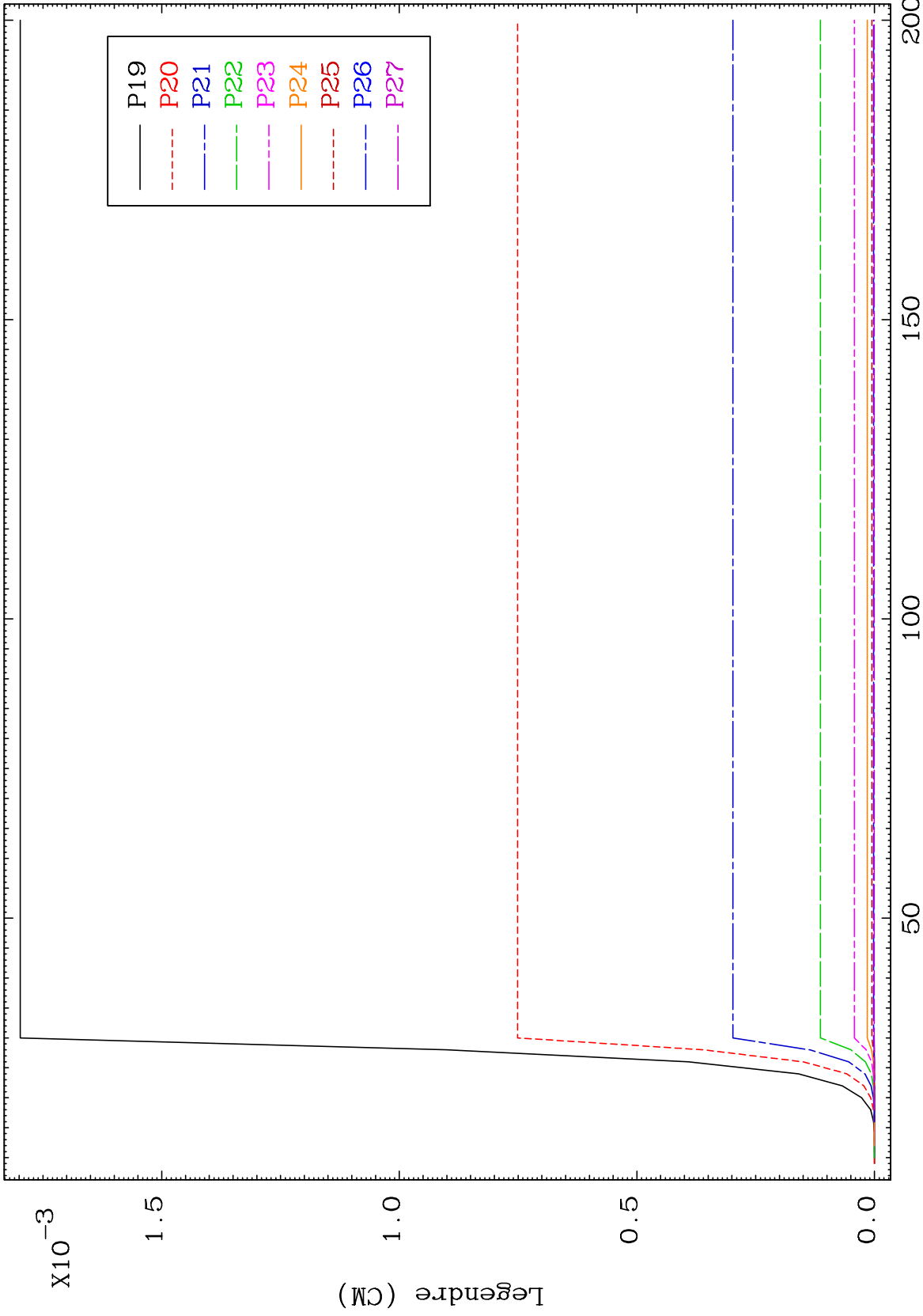
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



36

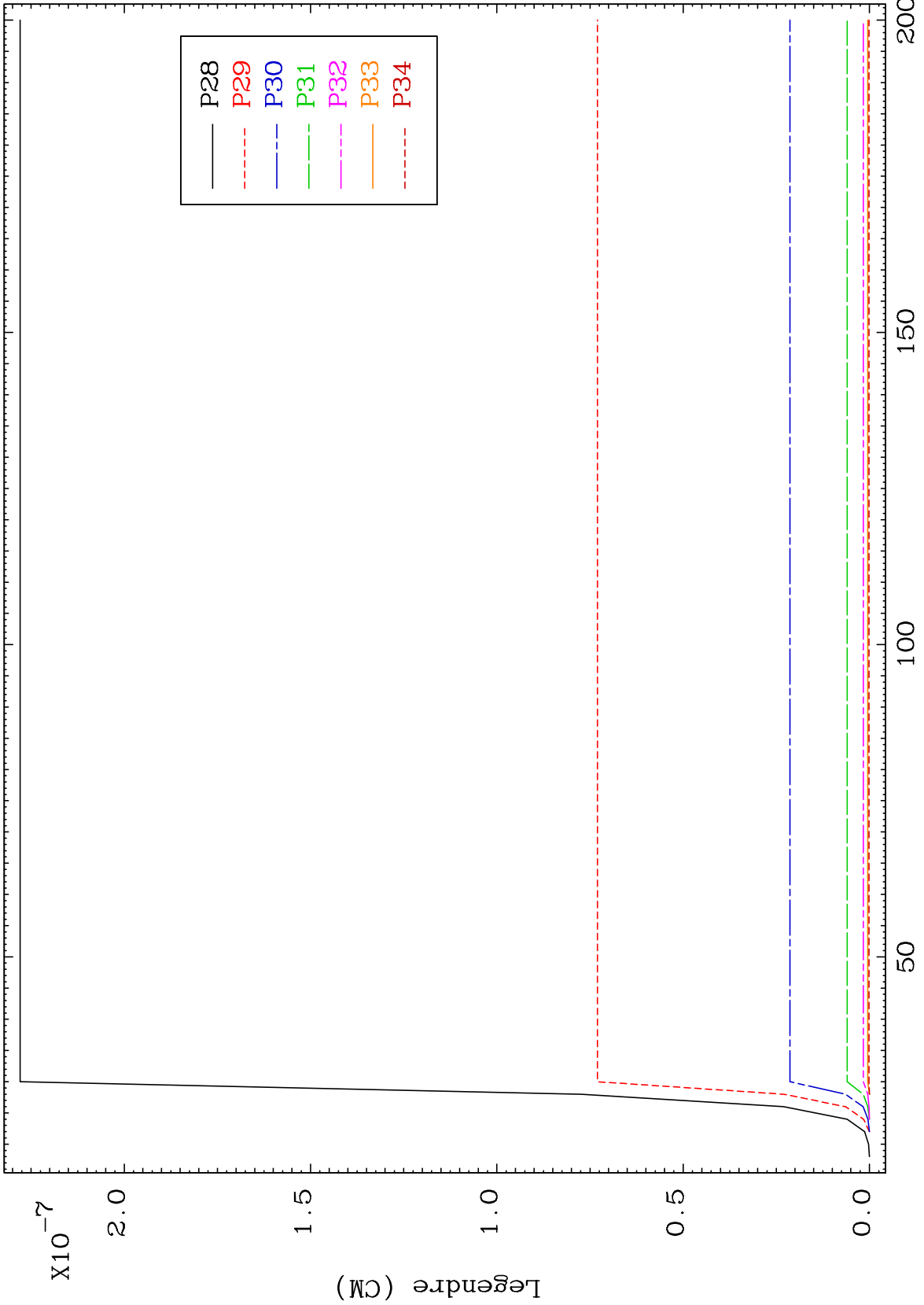
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



37

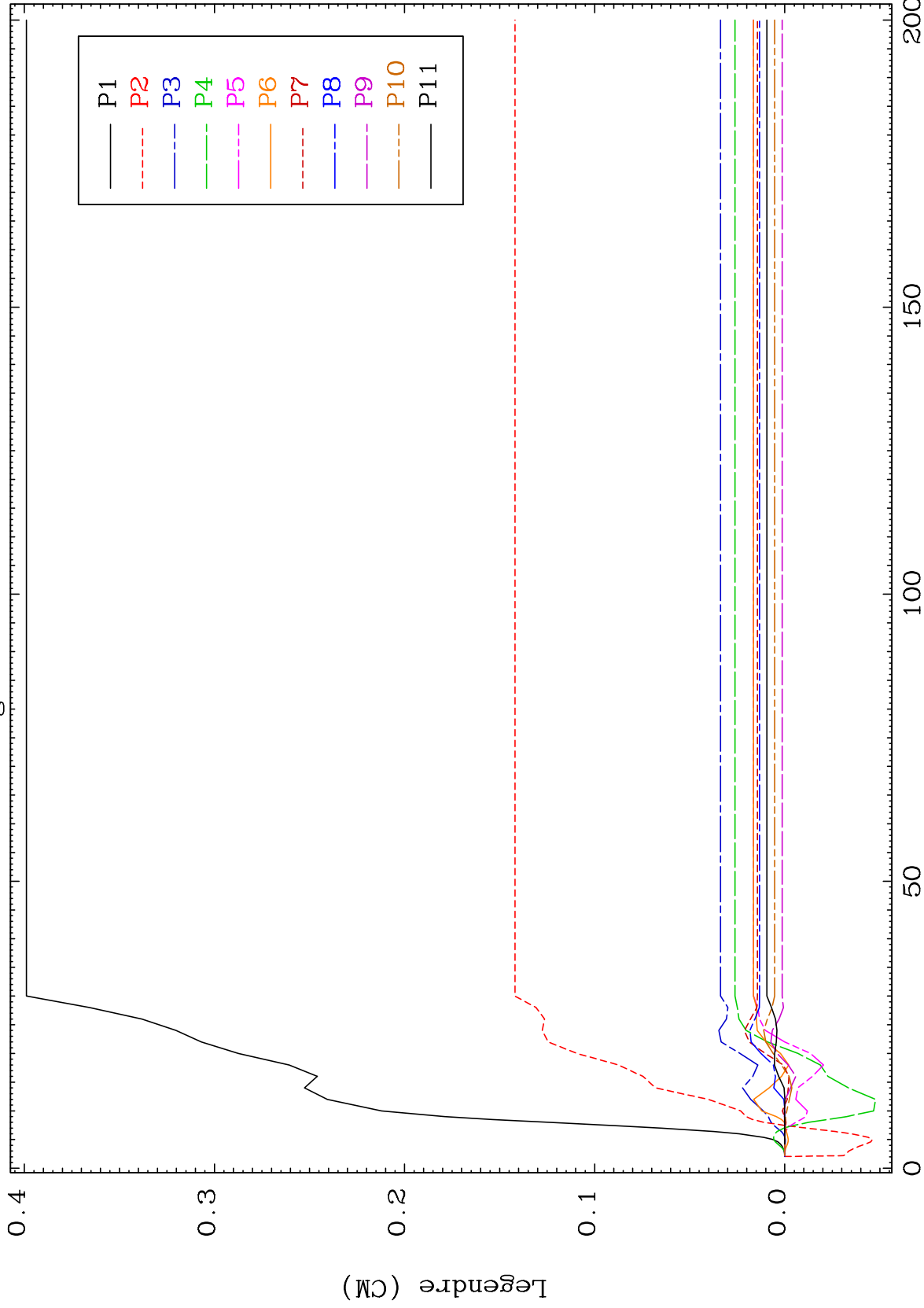
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



38

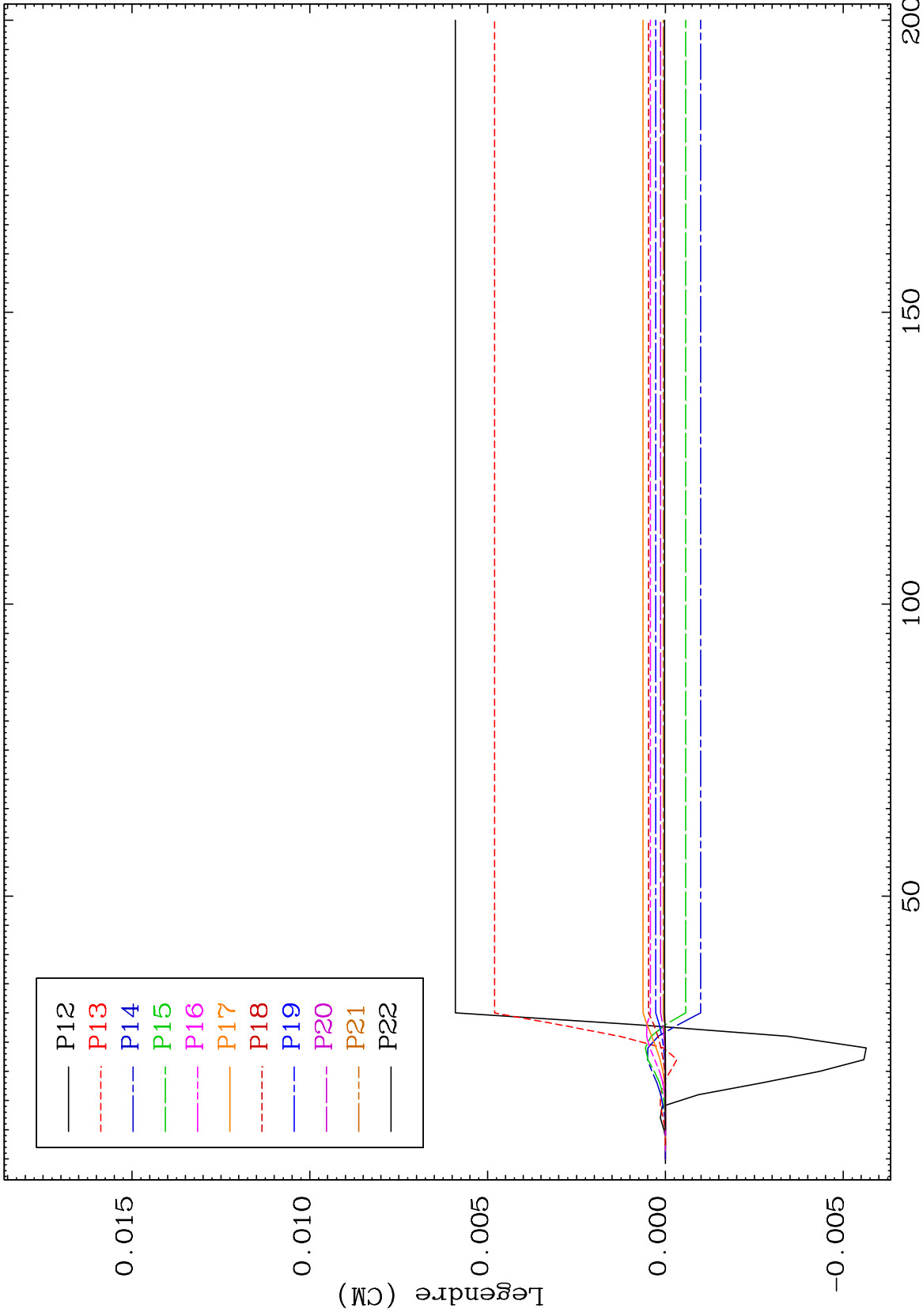
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



39

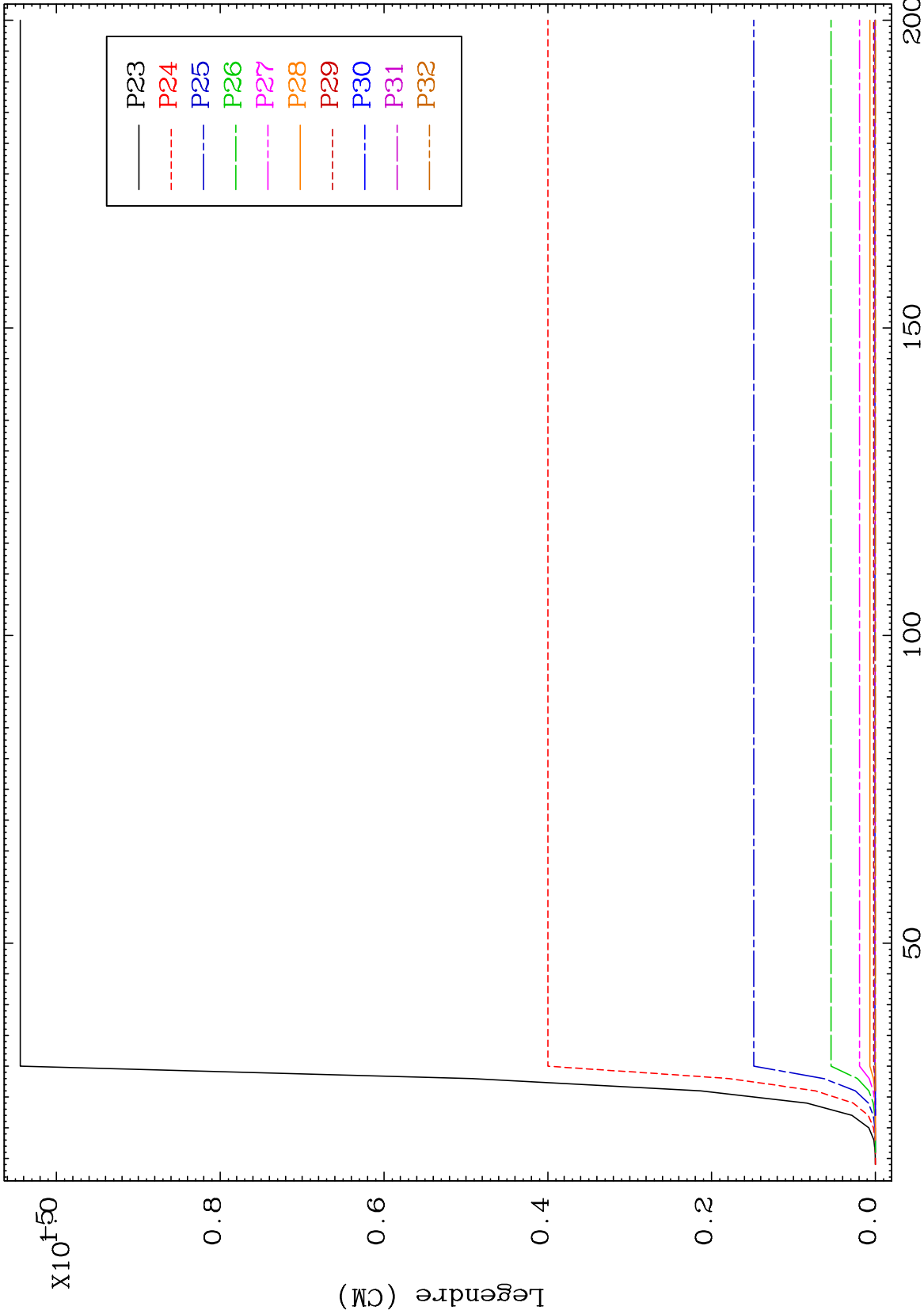
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



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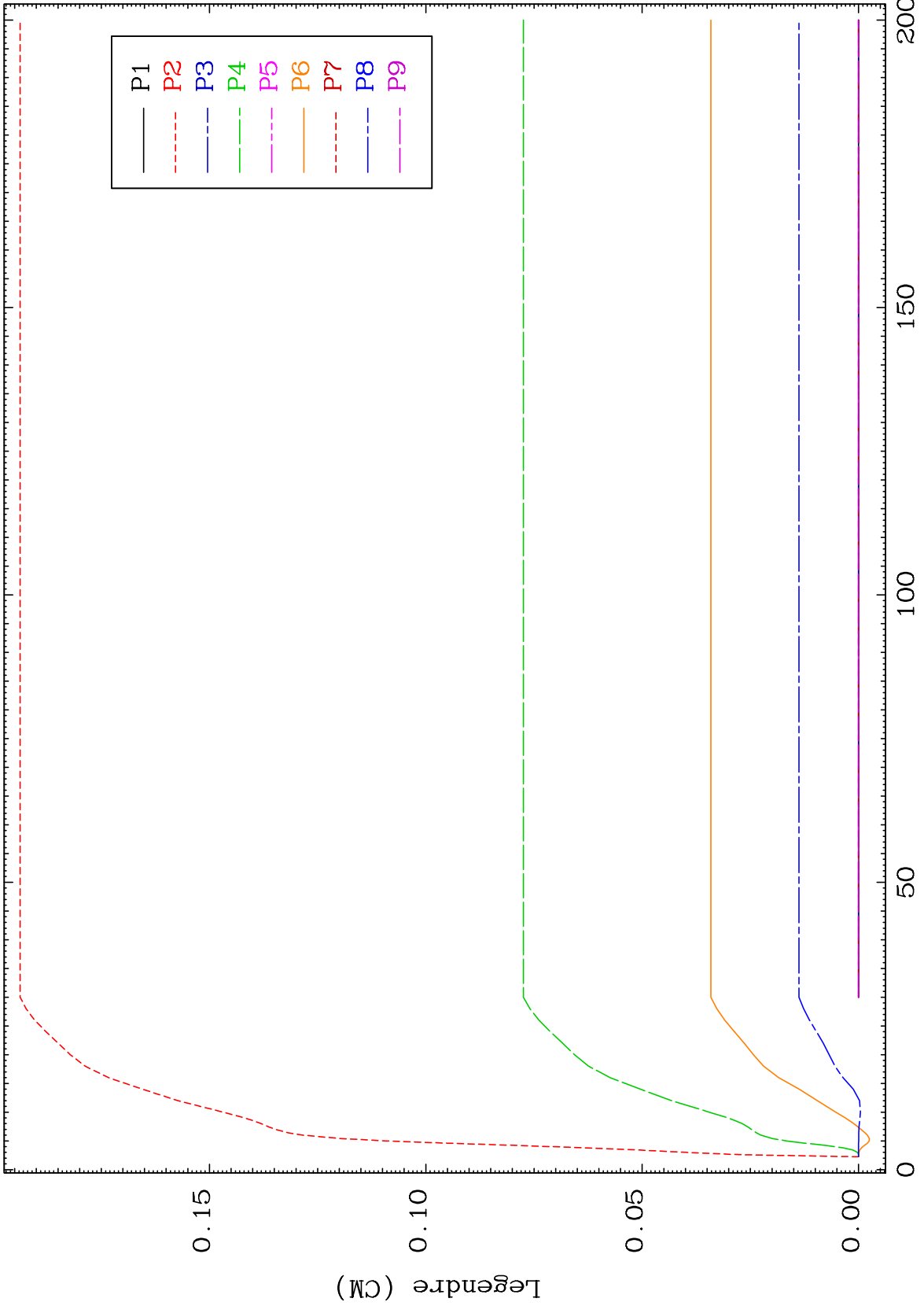
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



41

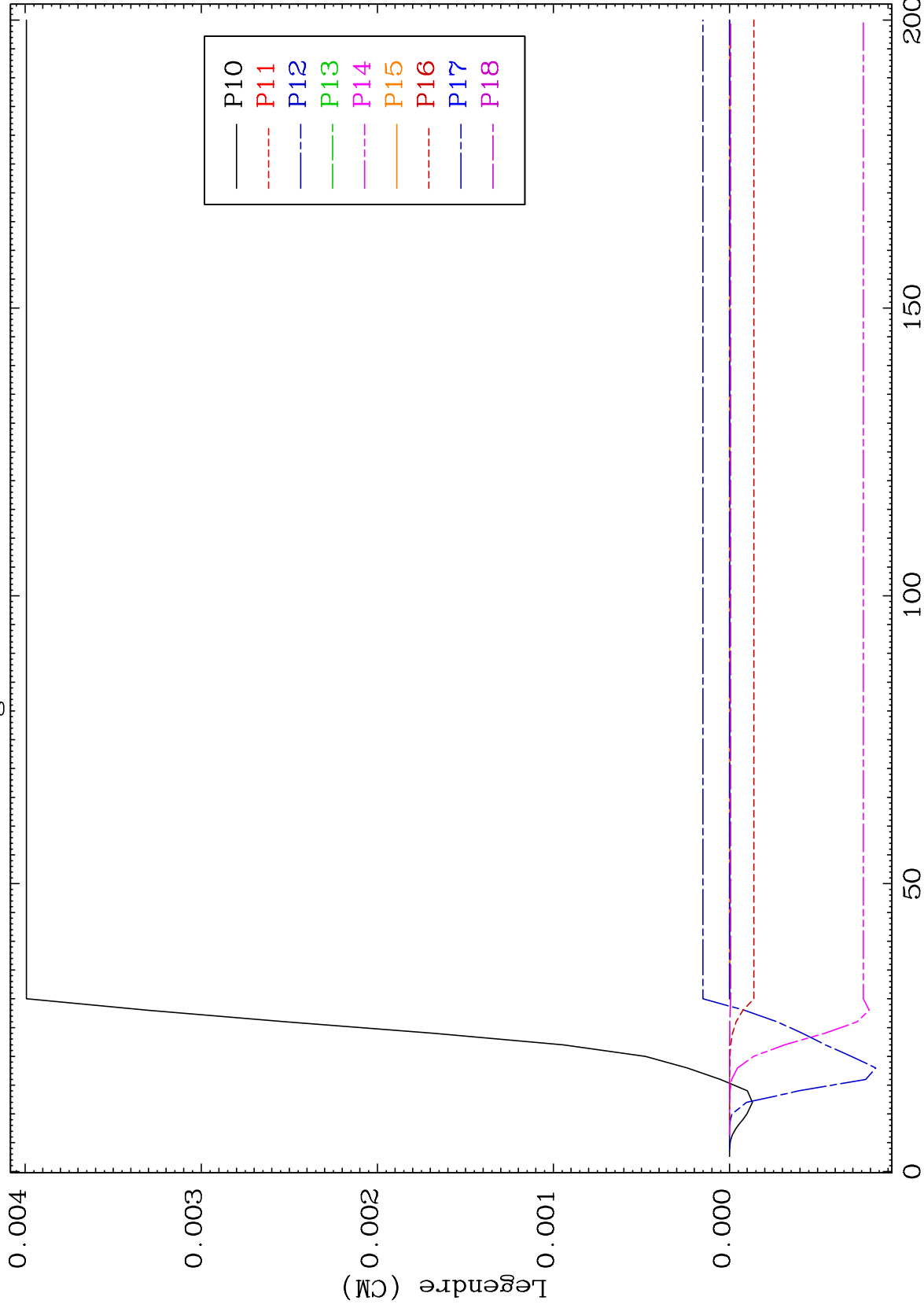
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

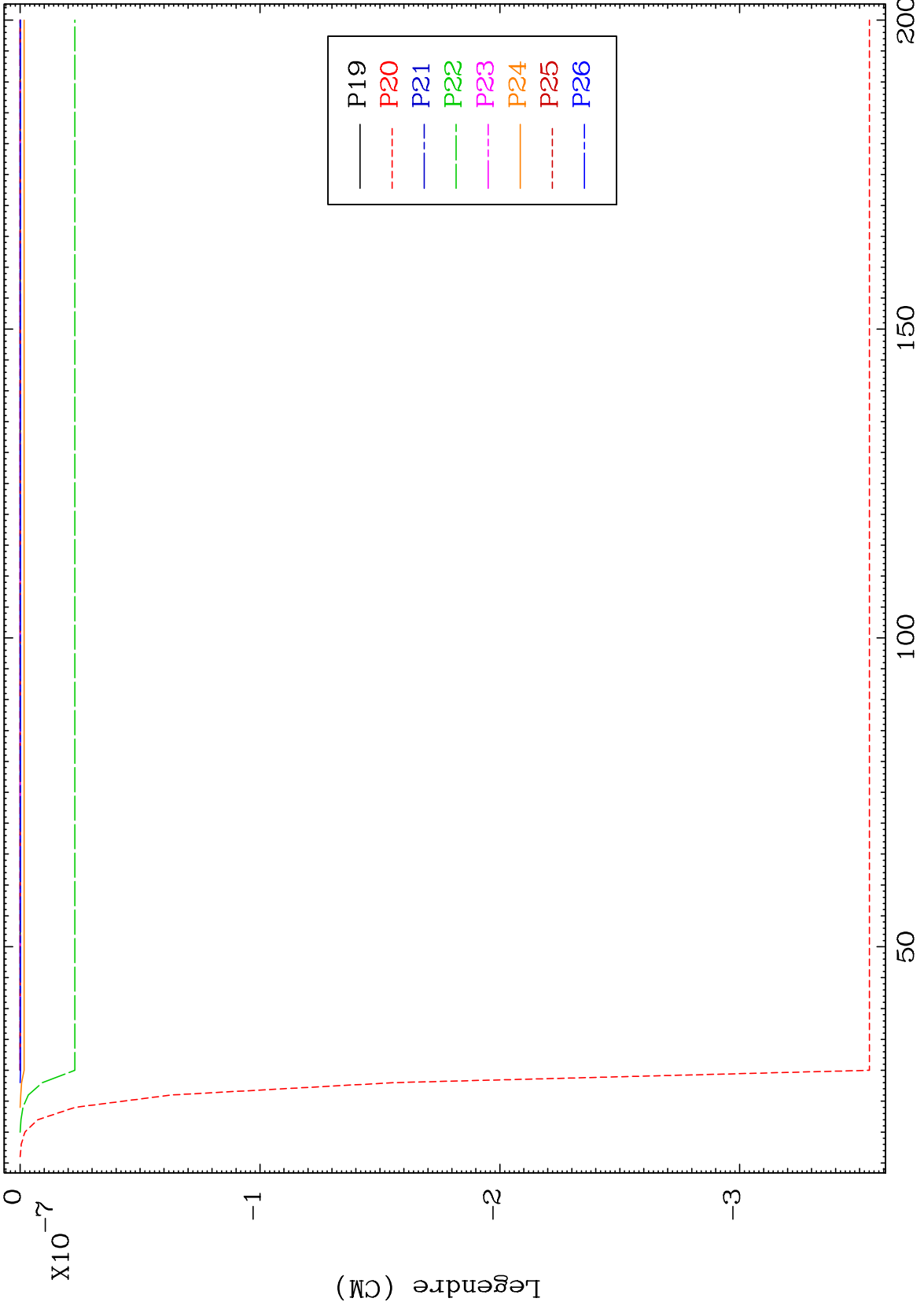


42

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-76

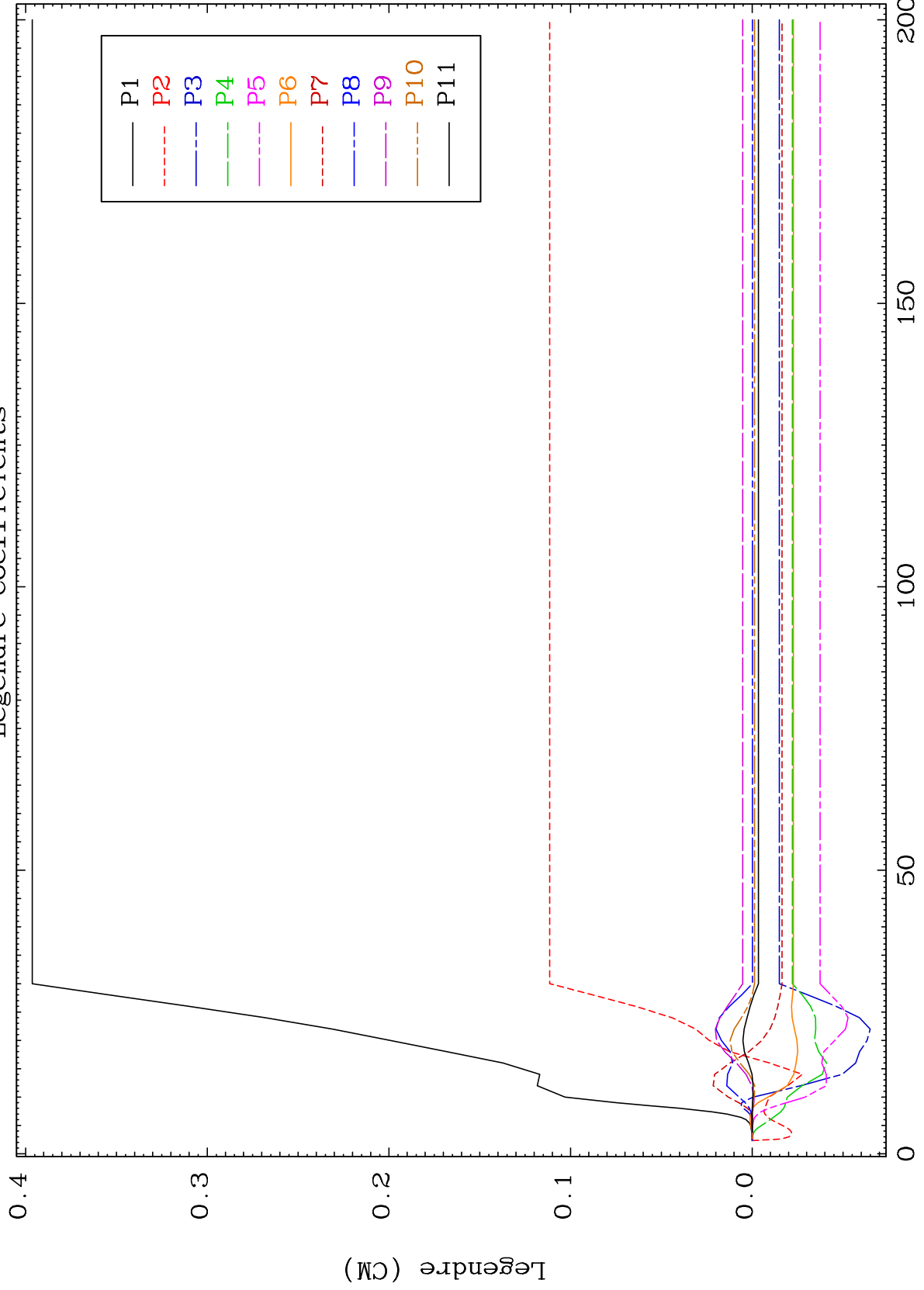


43 32-Ge-76

MAT 3243

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

32-Ge-76



44

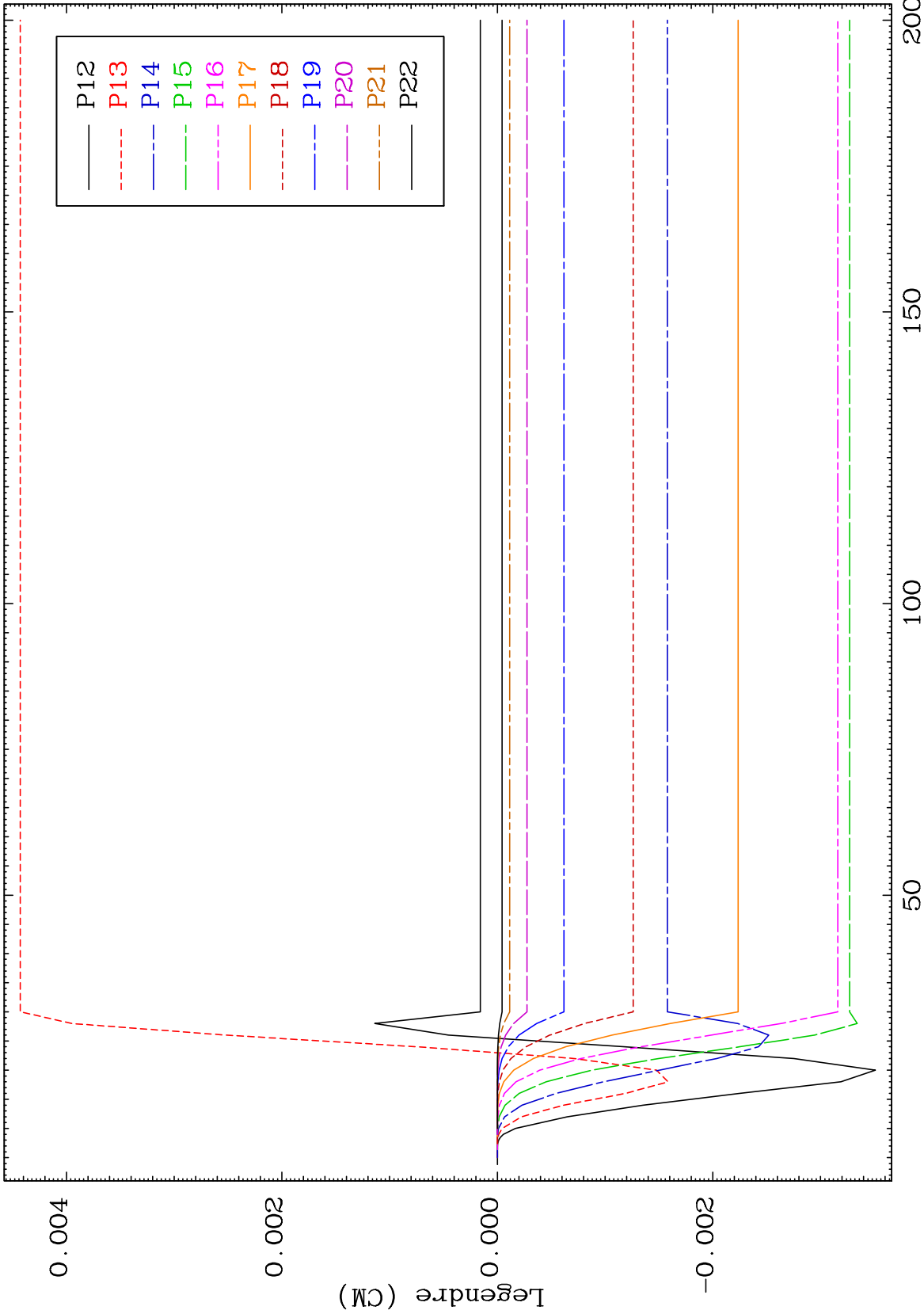
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



45

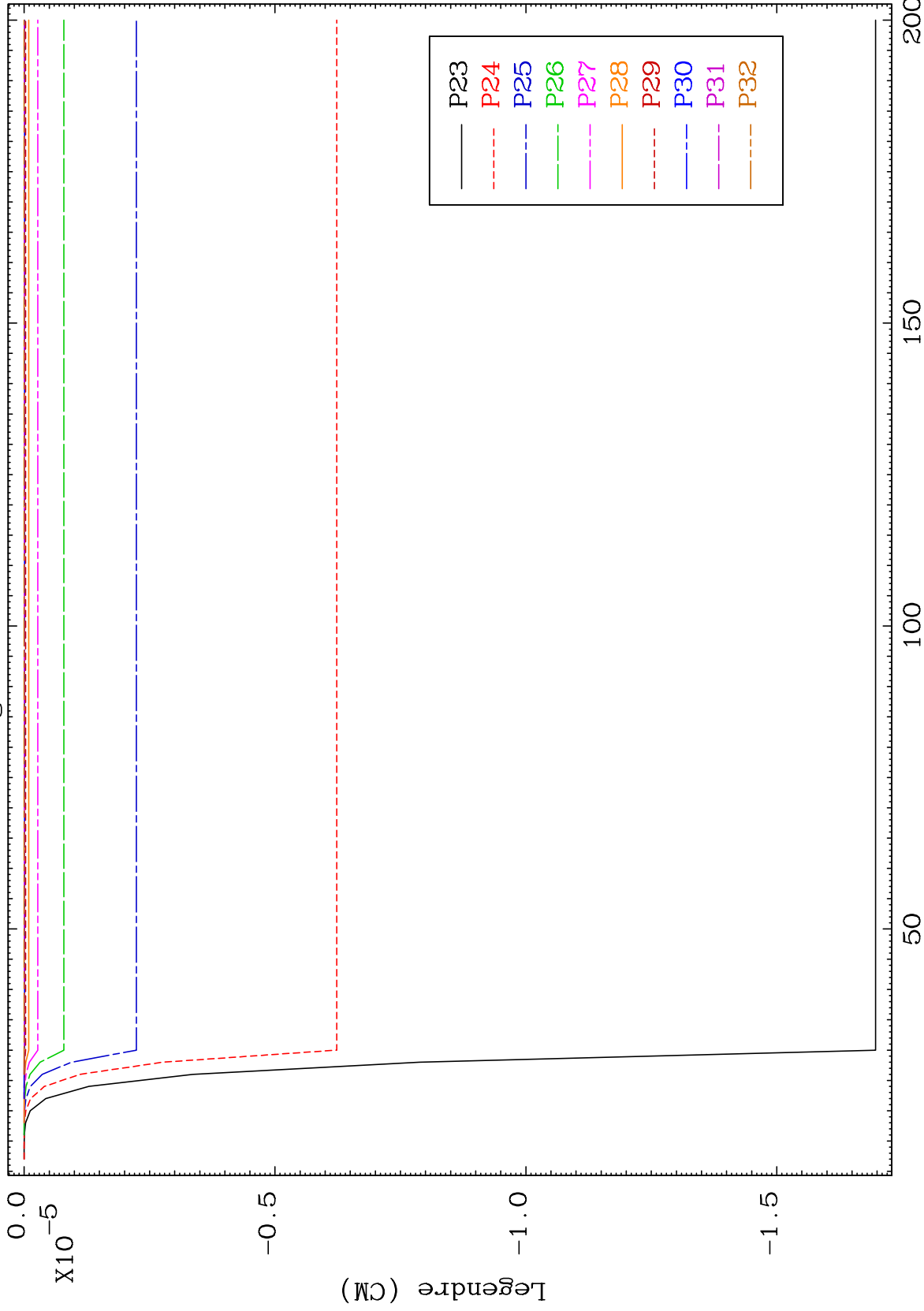
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

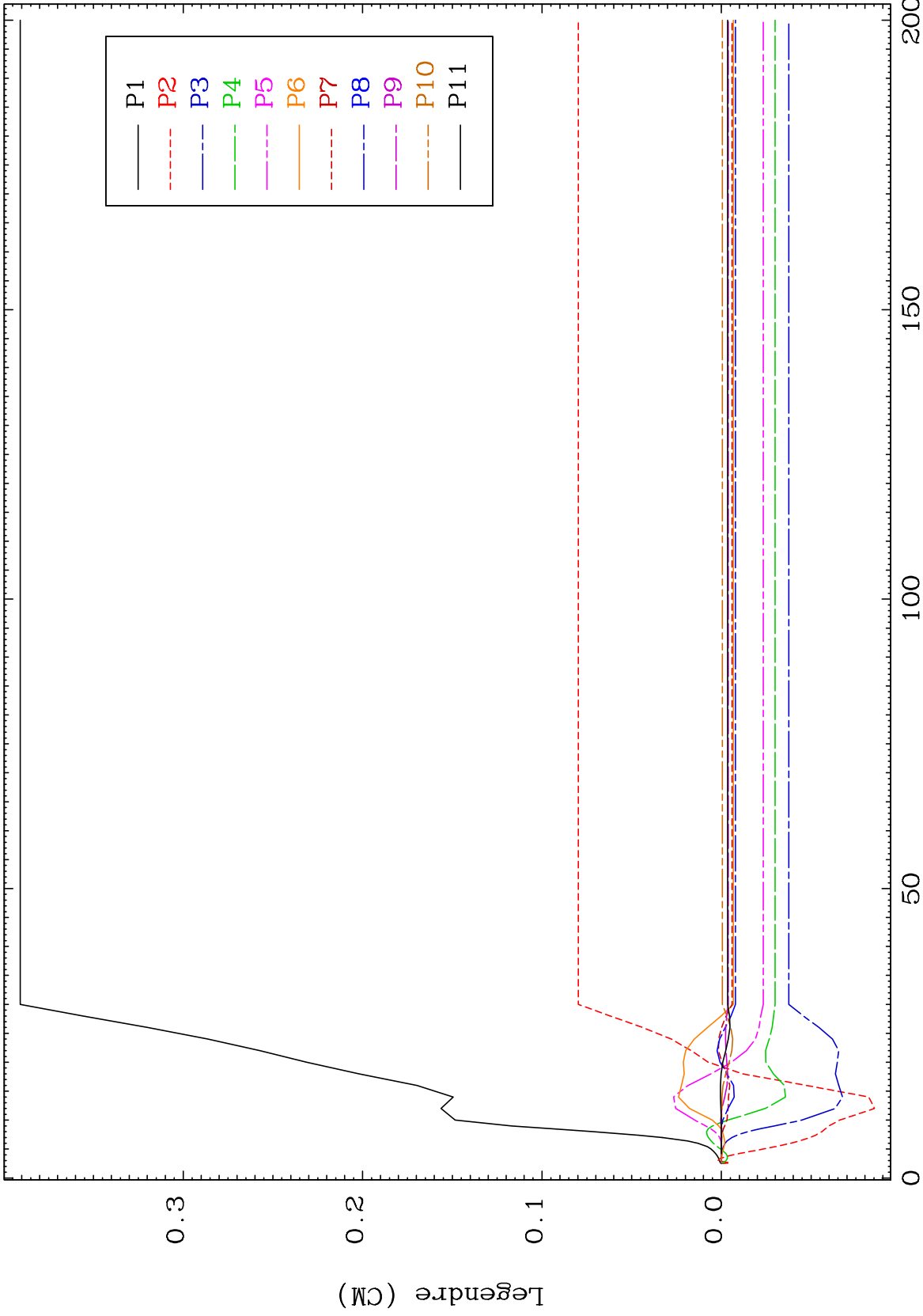
Incident Energy (MeV)

46

MAT 3243

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

32-Ge-76



47

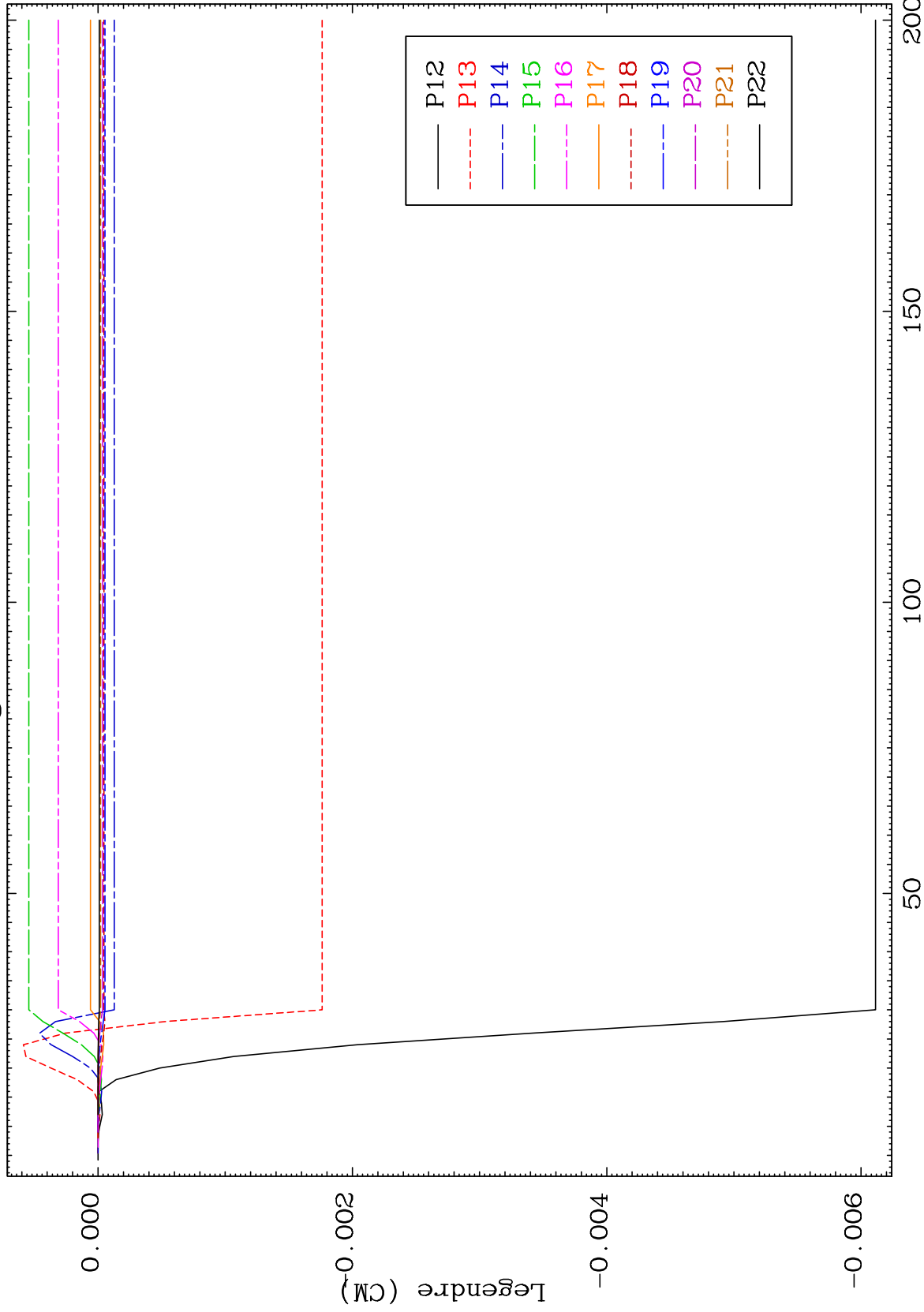
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



48

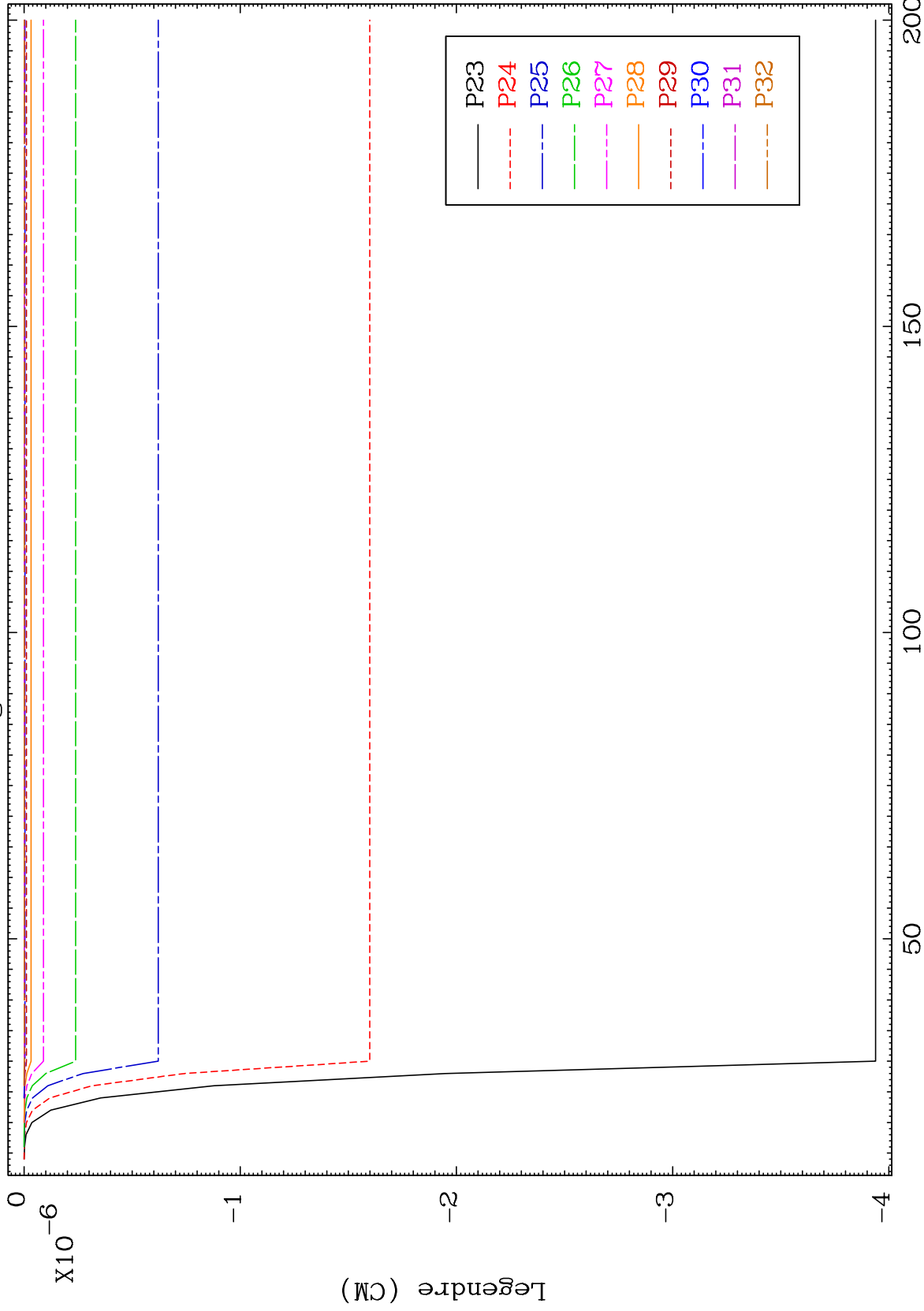
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



49

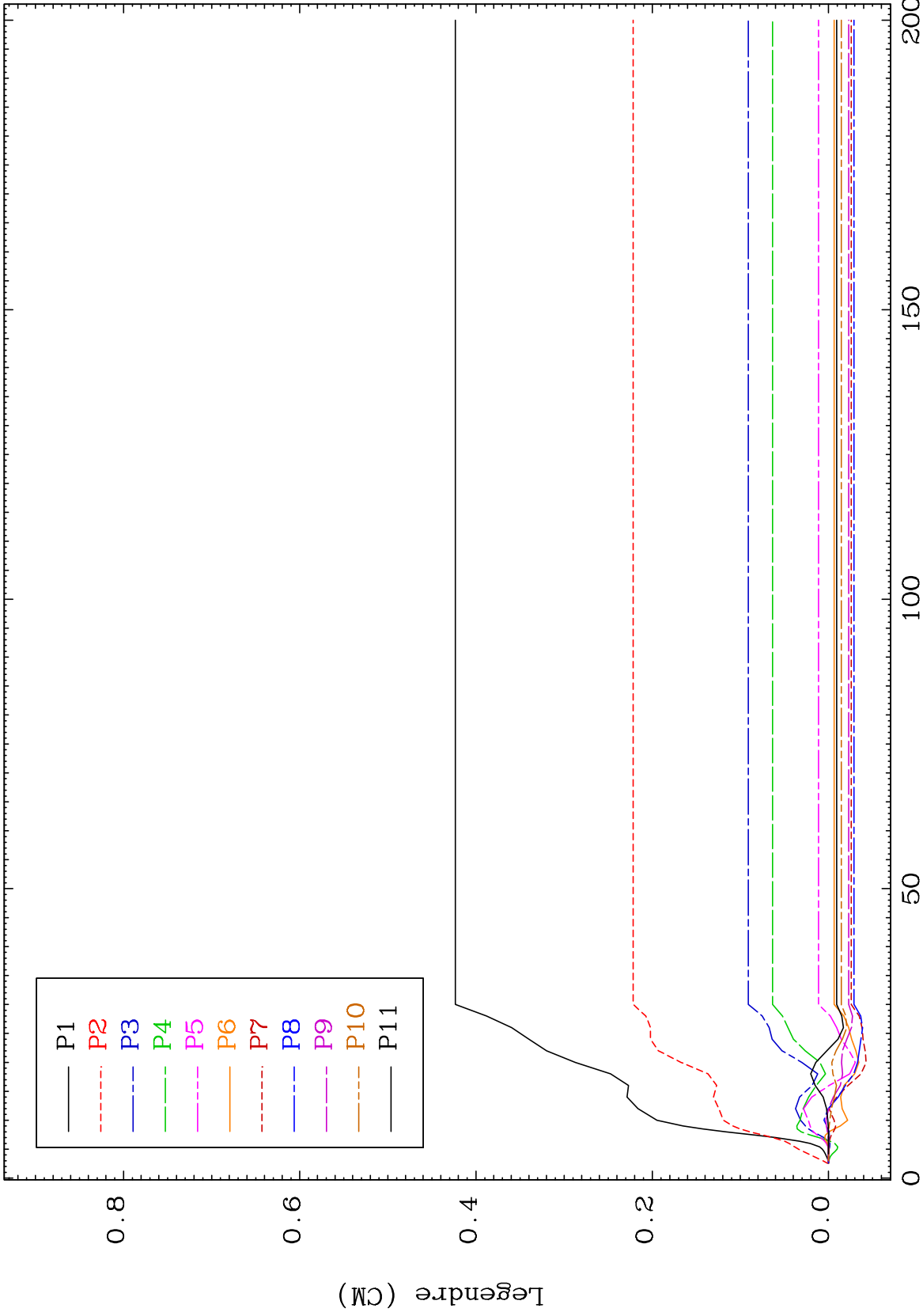
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

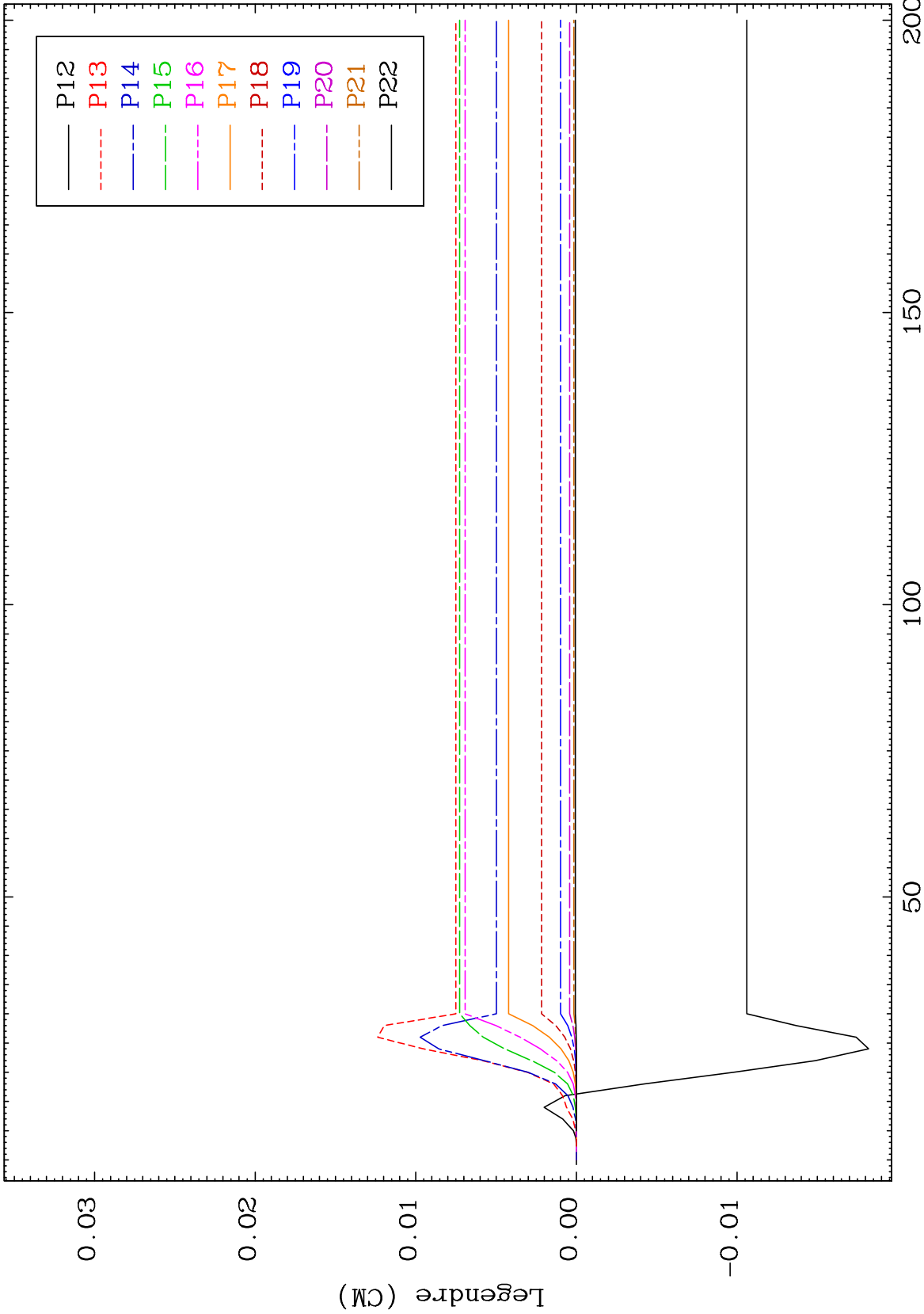
Incident Energy (MeV)

50

MAT 3243

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

32-Ge-76



51

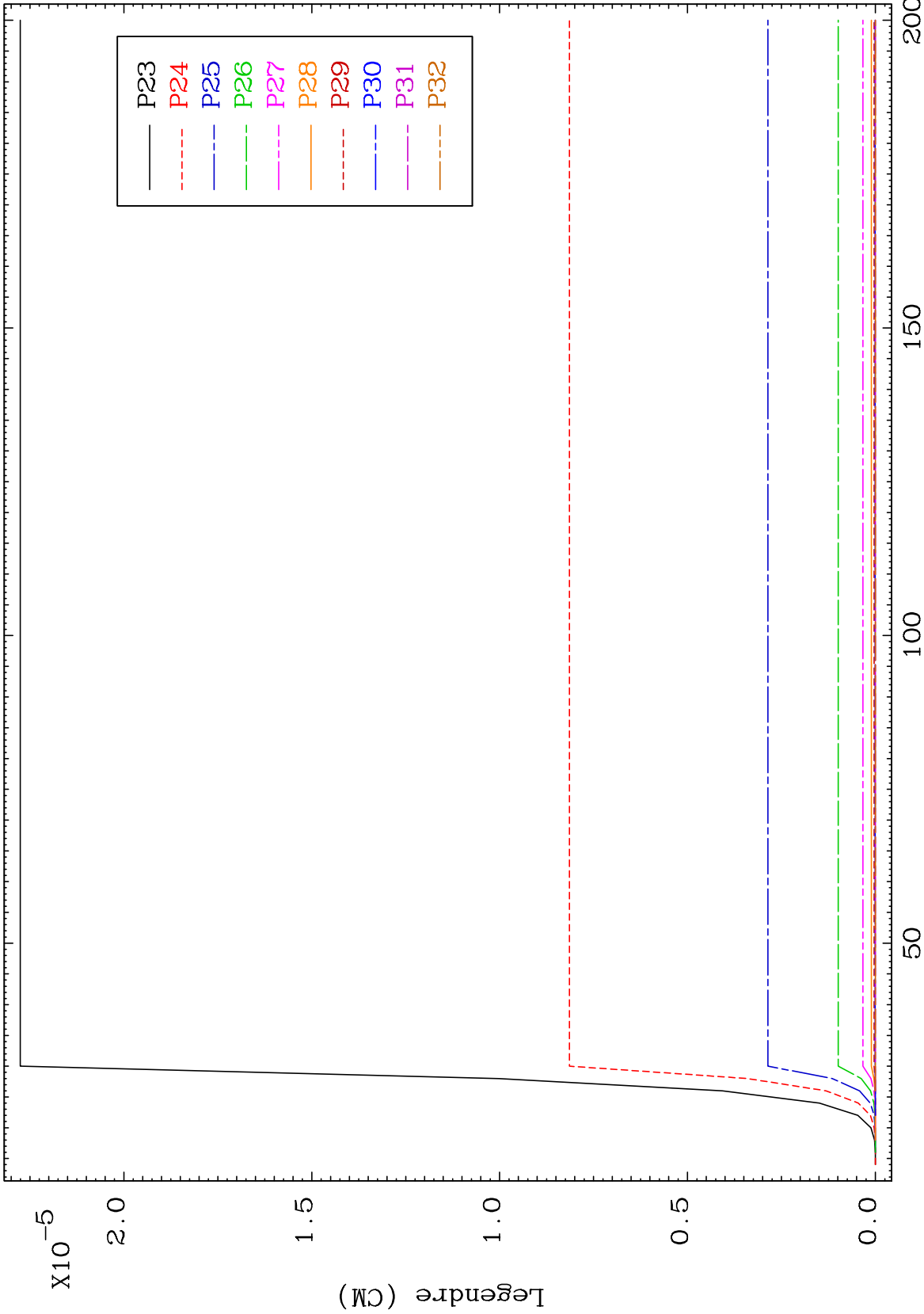
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



52

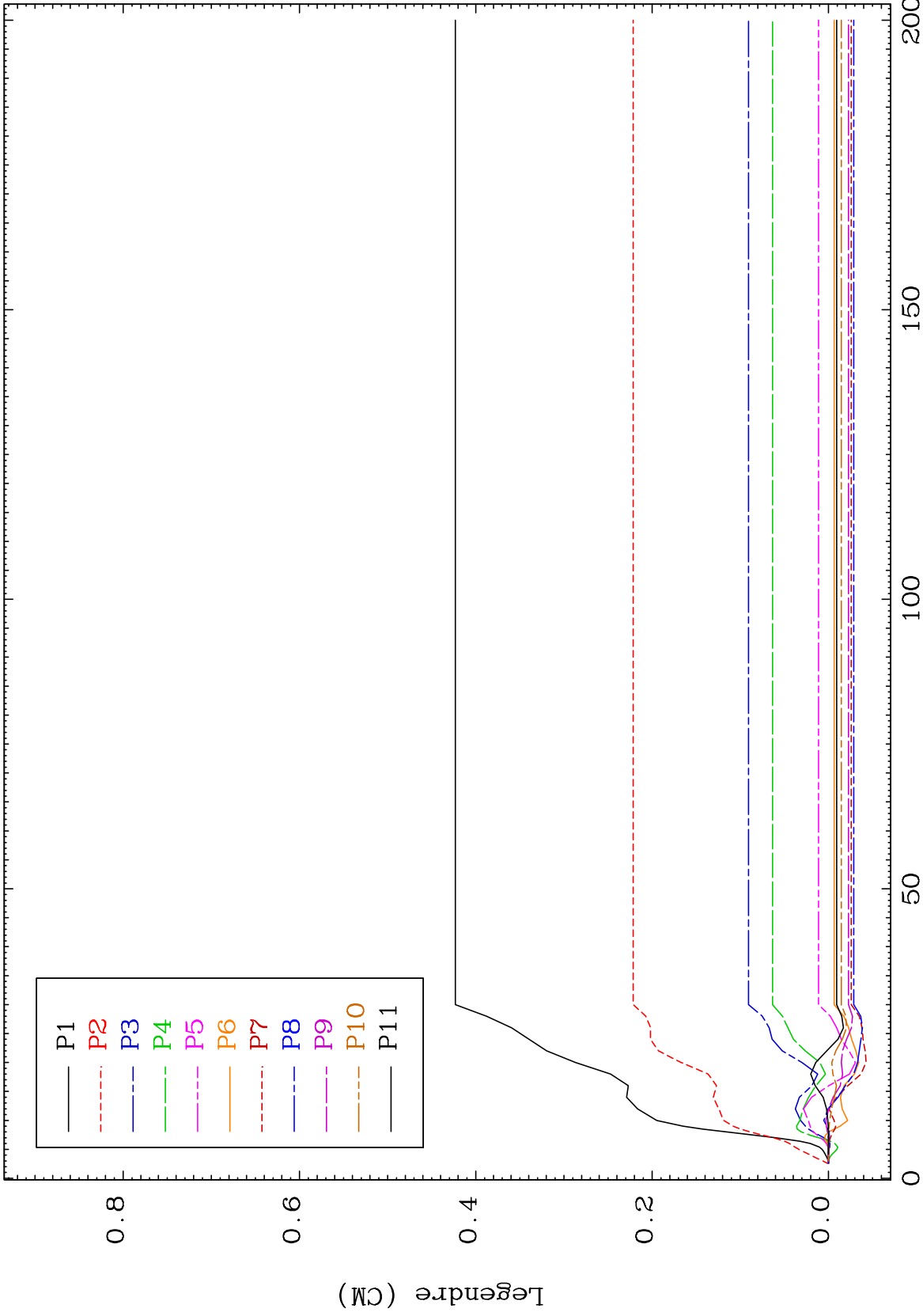
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



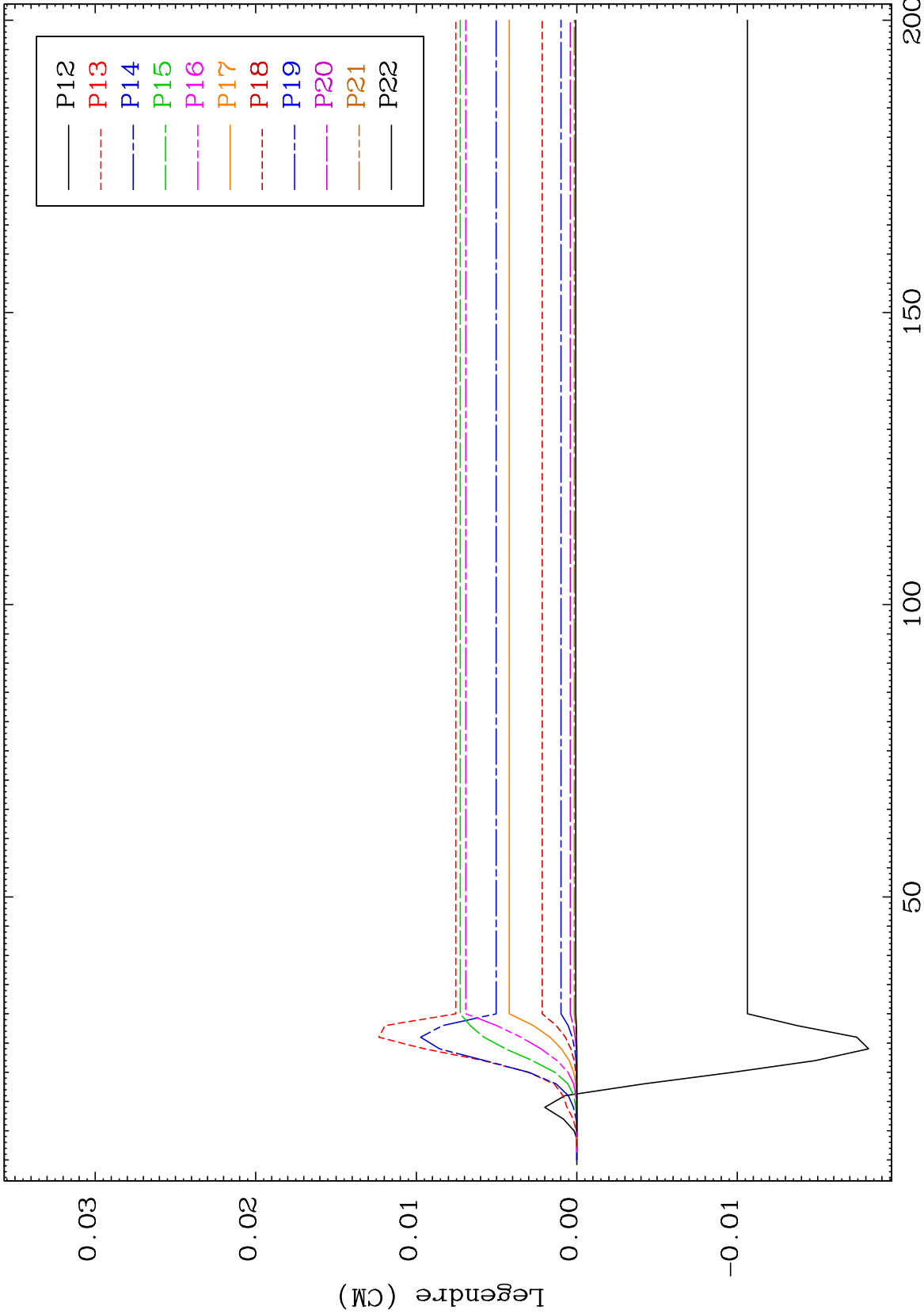
53

32-Ge-76

MAT 3243

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

32-Ge-76



54

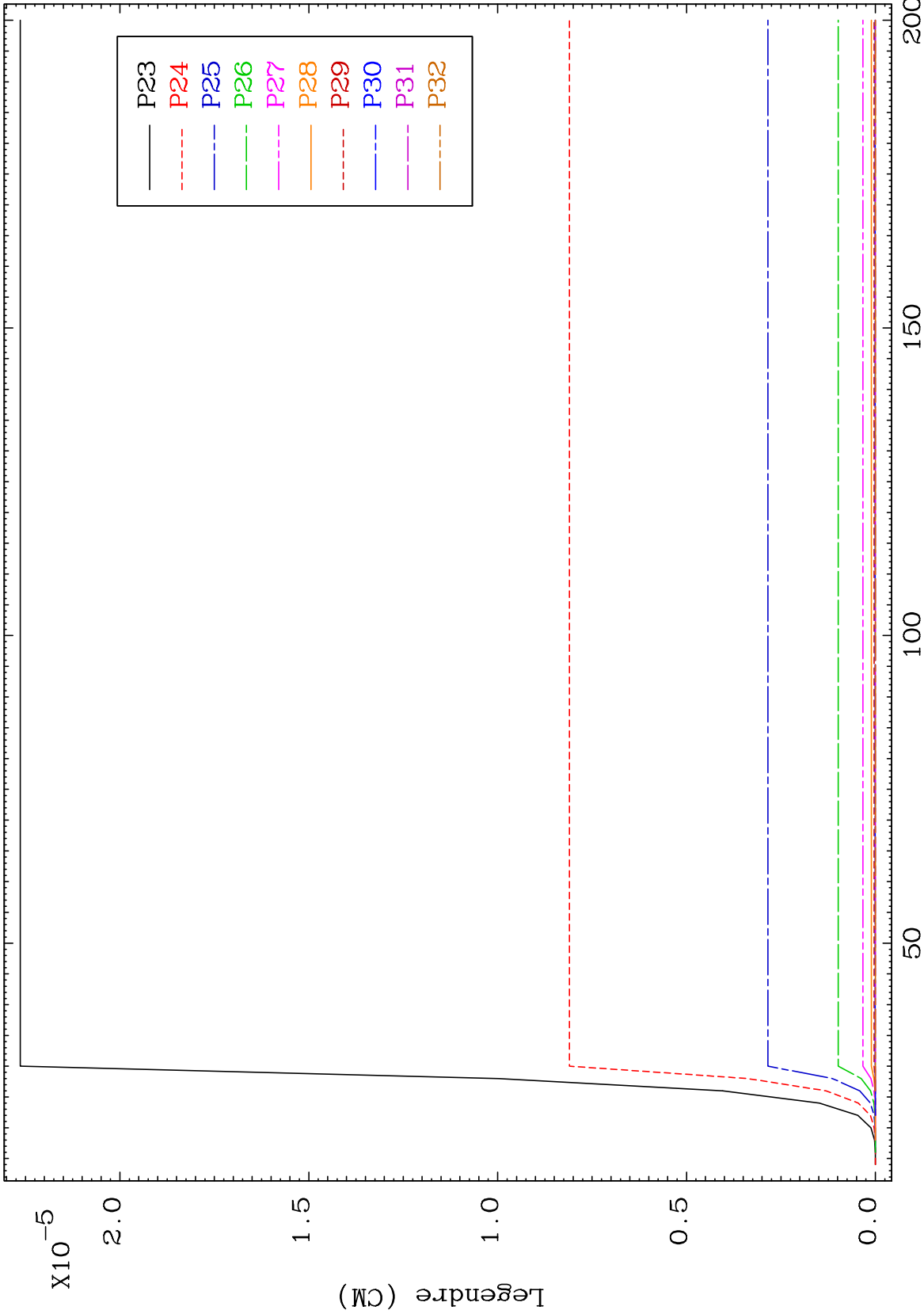
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



55

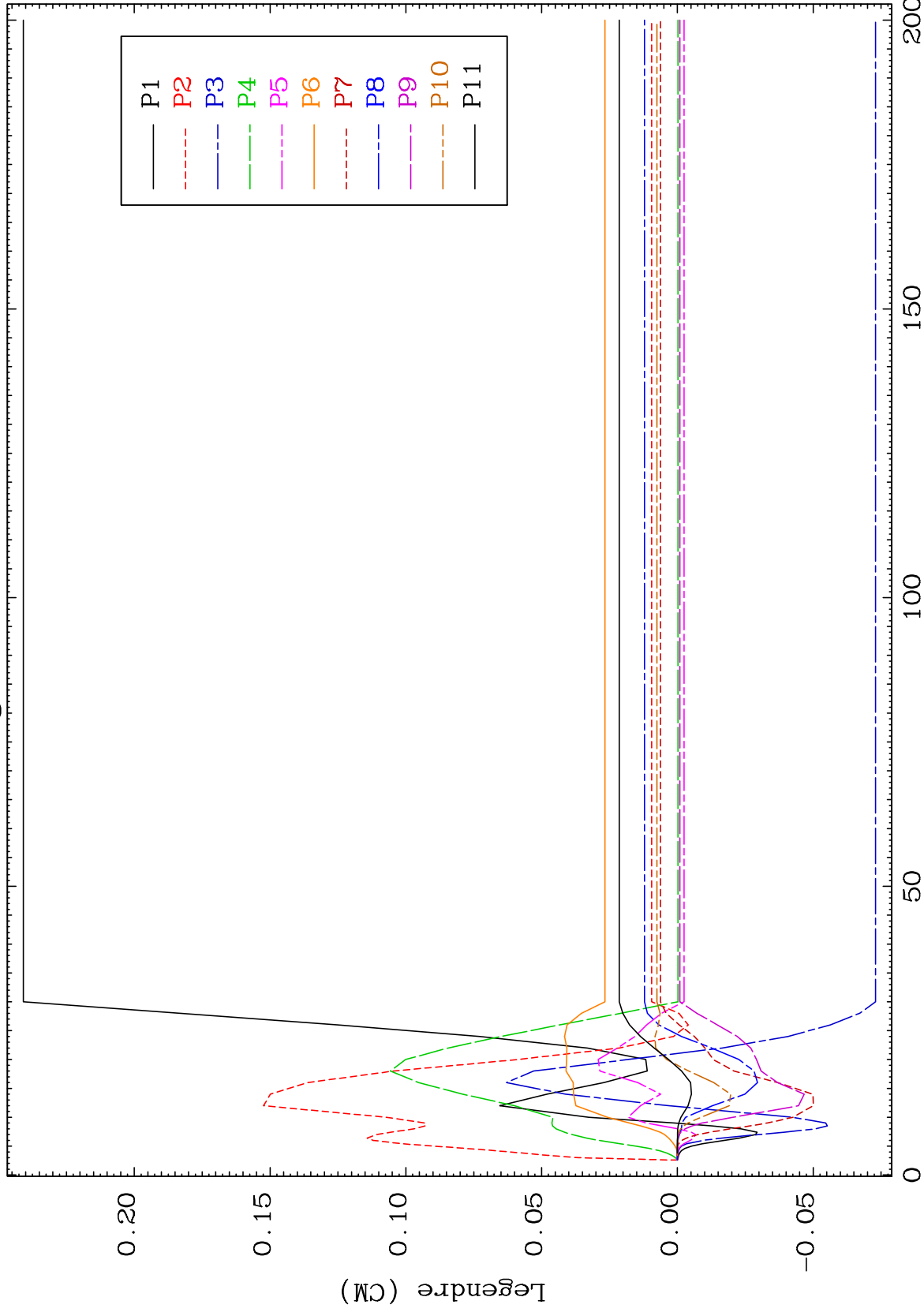
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



56

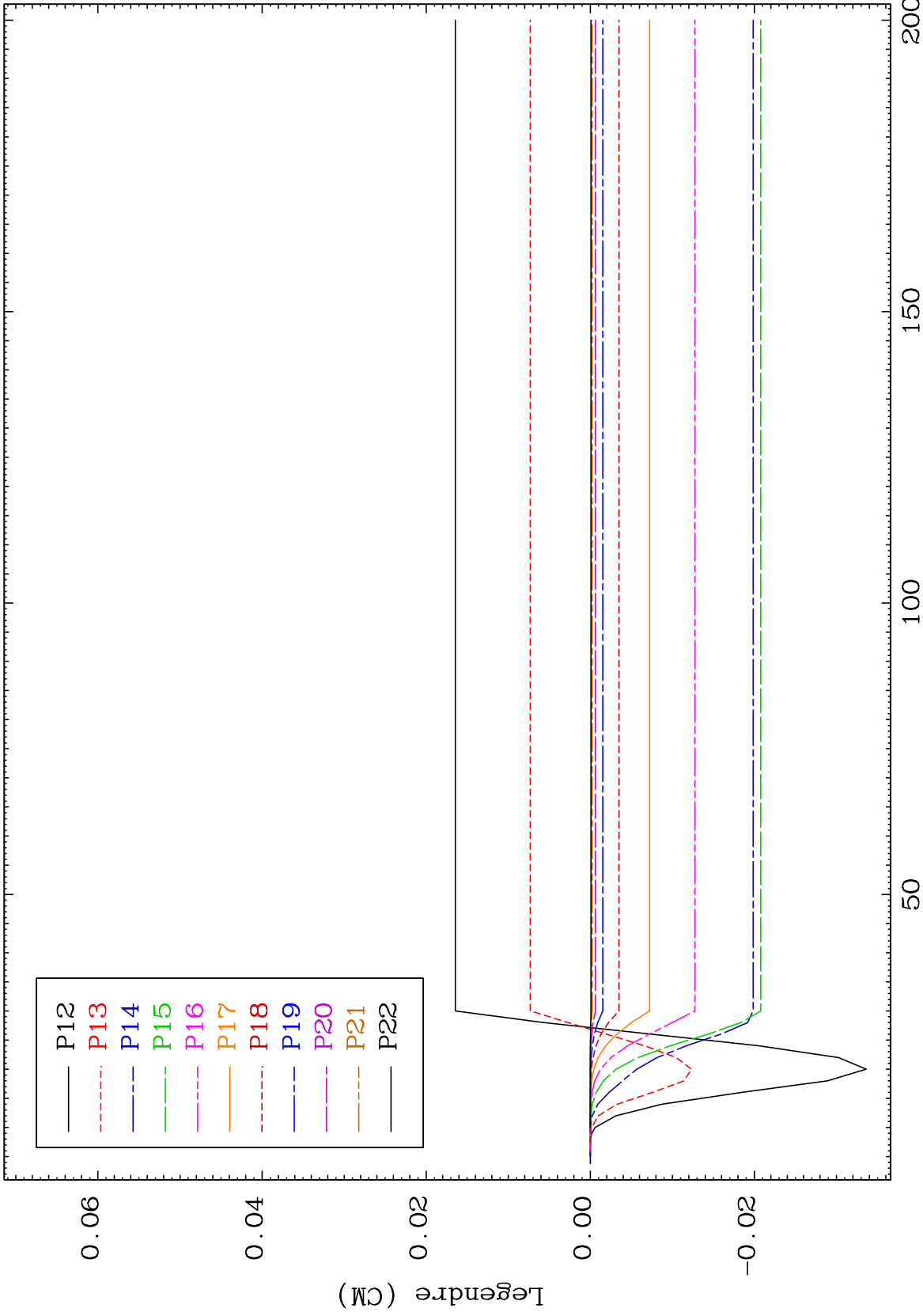
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



57

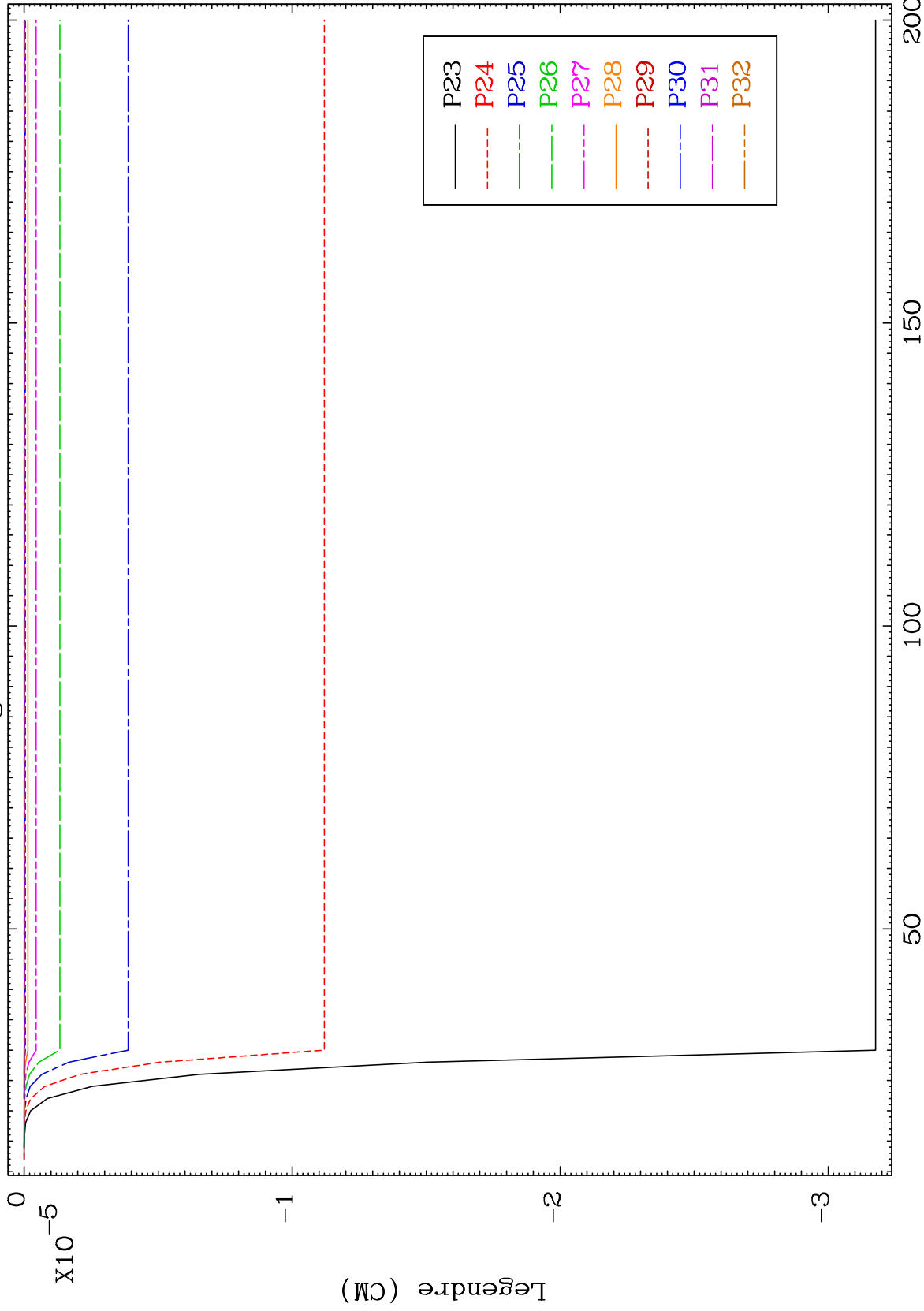
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



58

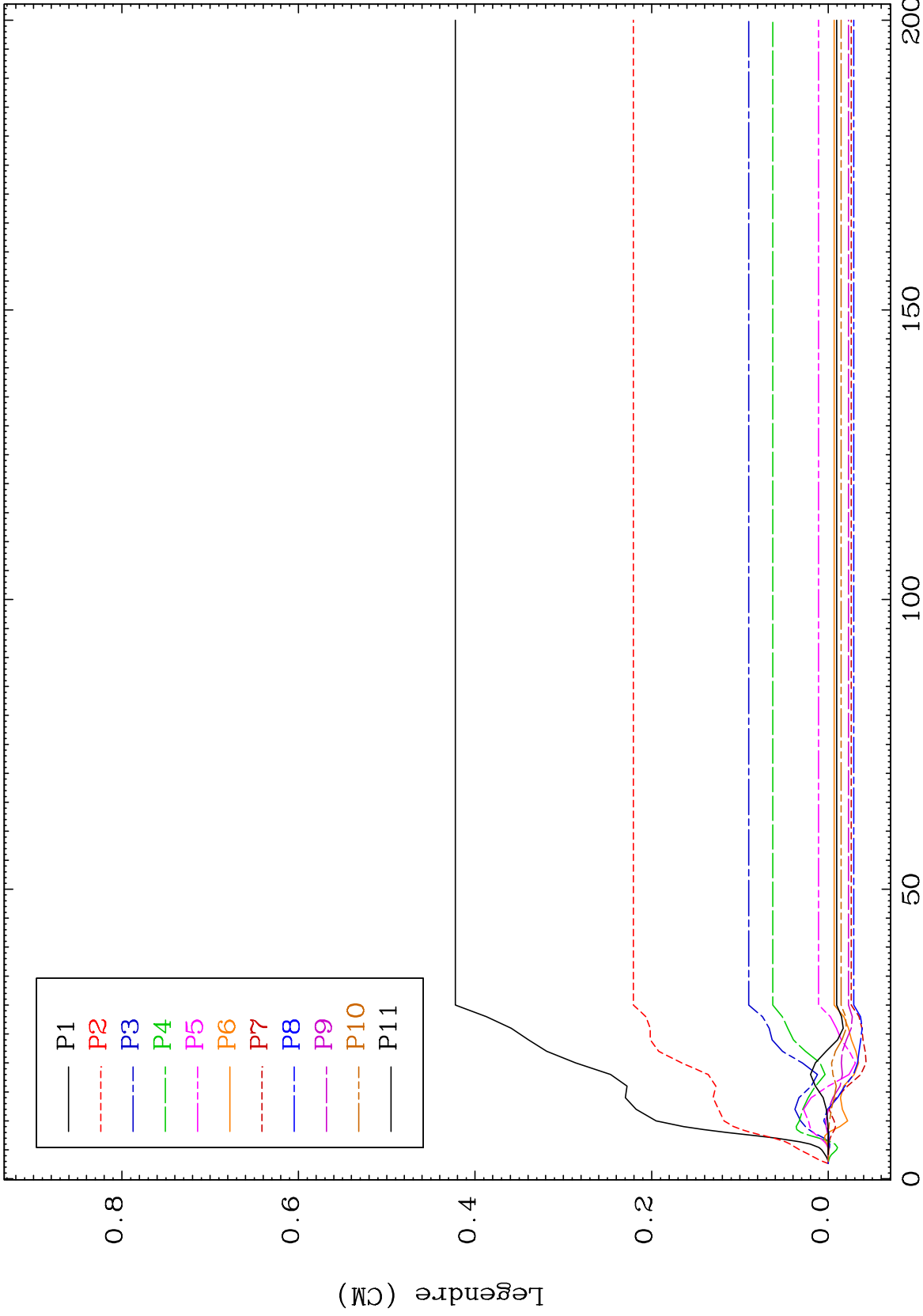
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



59

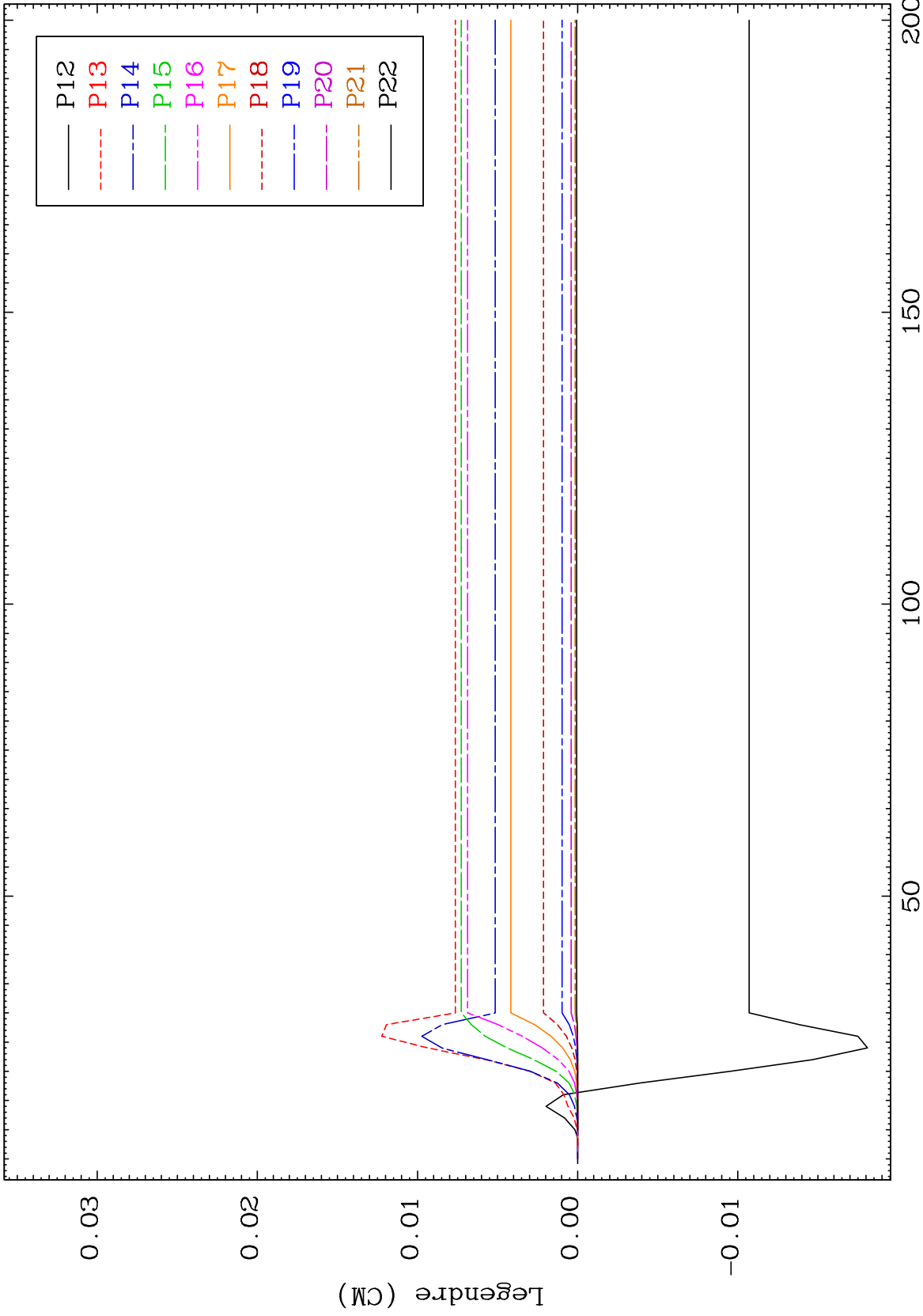
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



60

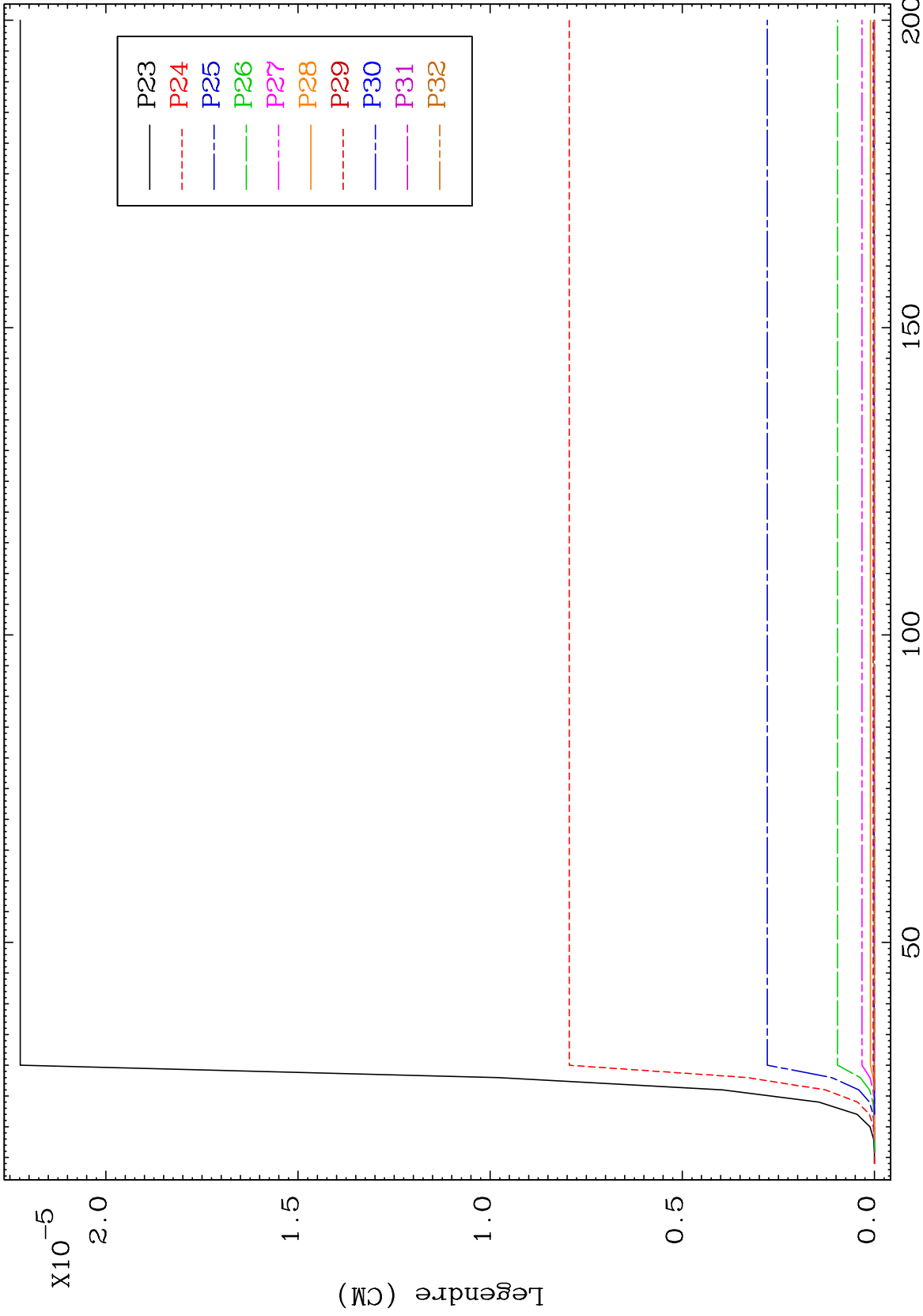
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

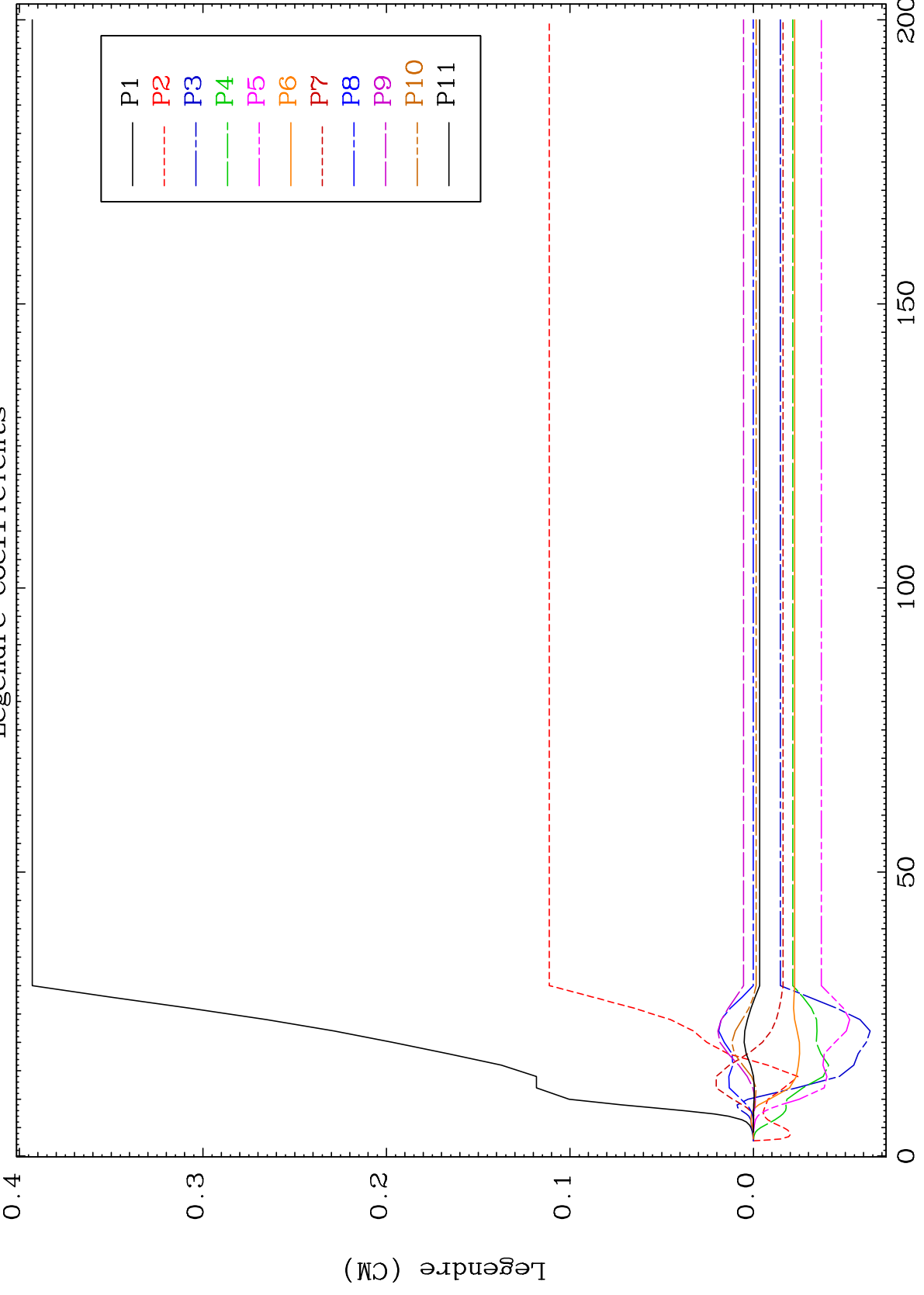


61

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 64 (n,n') Level Legendre Coefficients 32-Ge-76

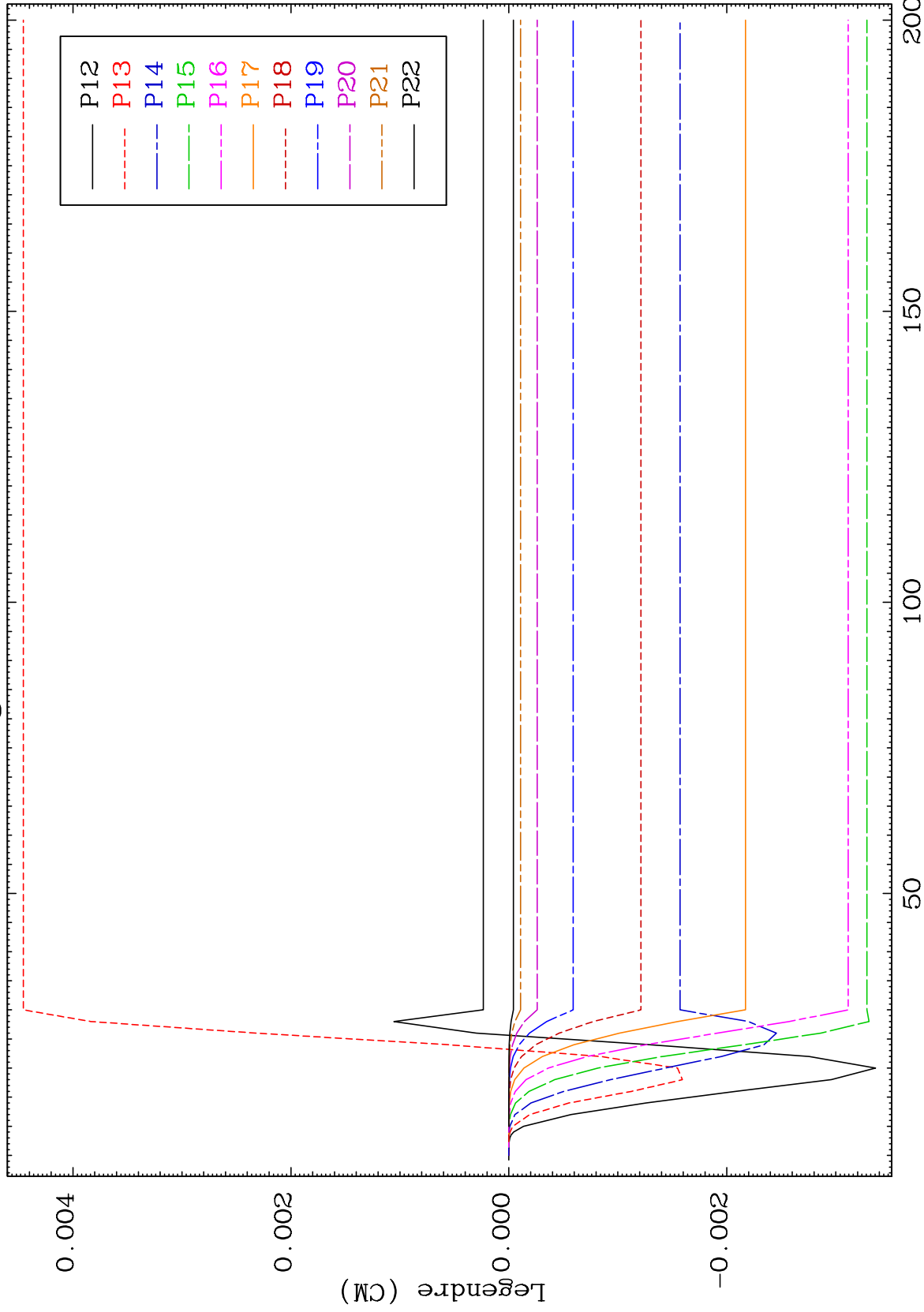


62 Incident Energy (MeV) 32-Ge-76

MAT 3243

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

32-Ge-76



63

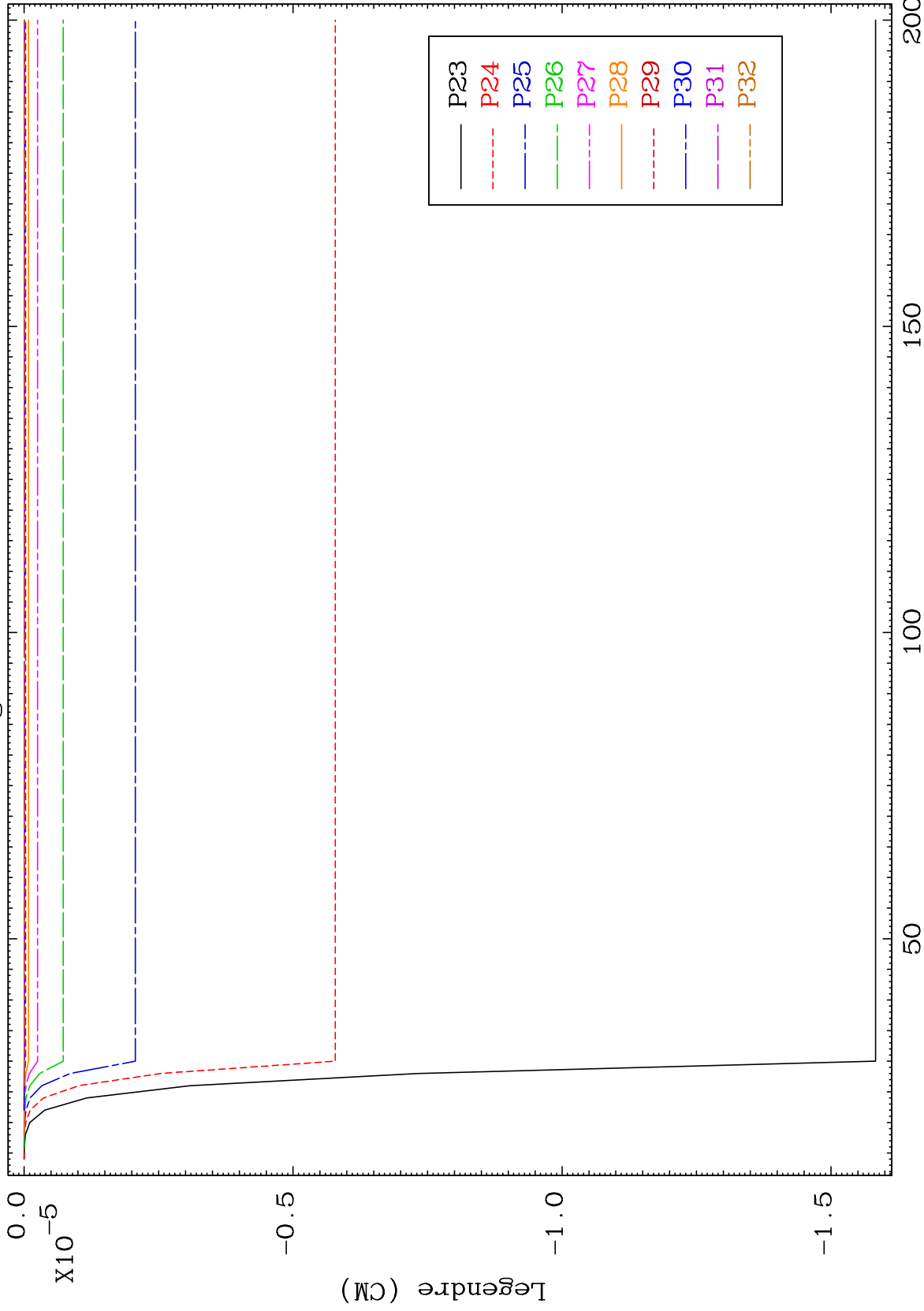
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

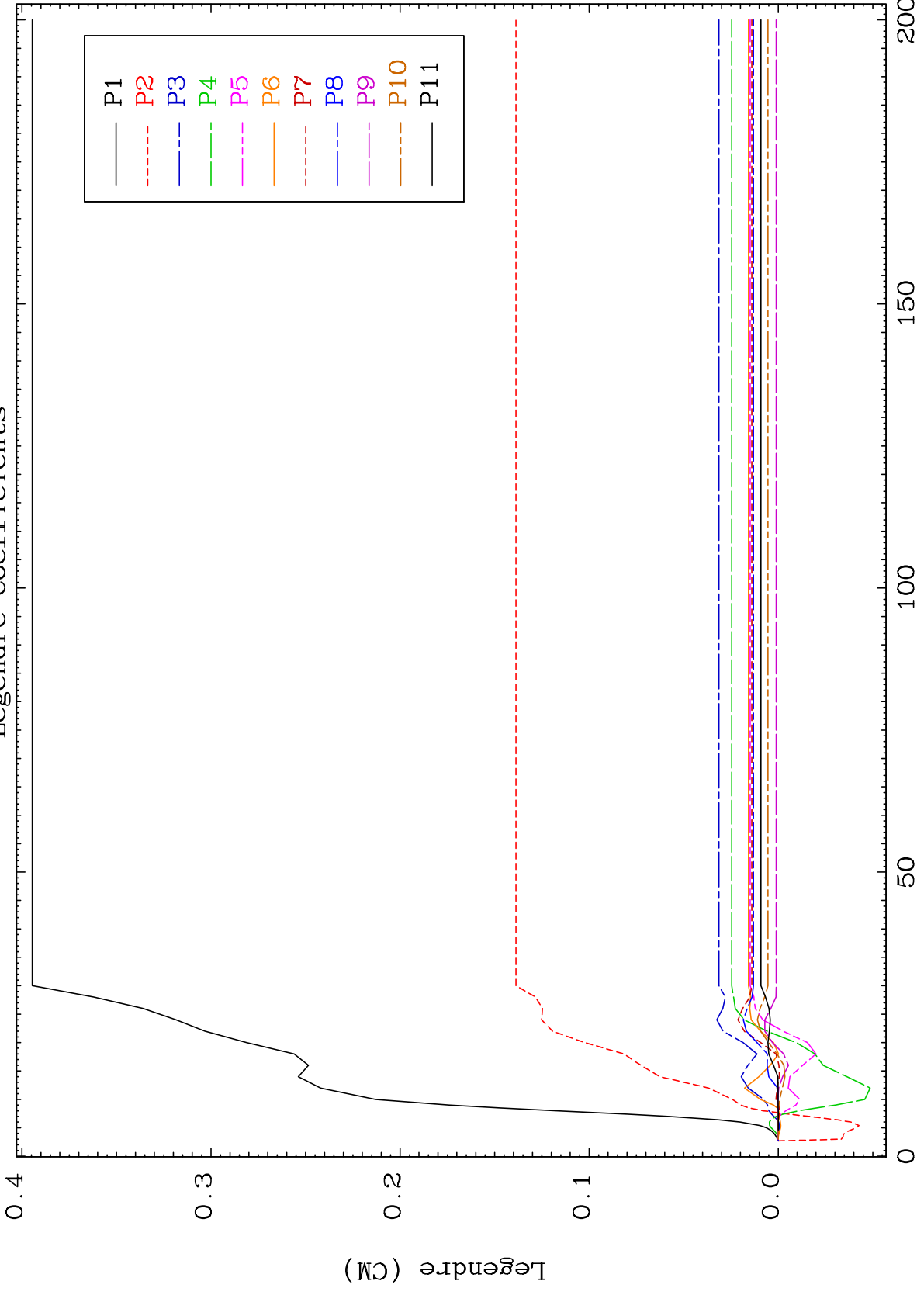


32-Ge-76

Incident Energy (MeV)

64

MAT 3243 MT= 65 (n,n') Level Legendre Coefficients 32-Ge-76

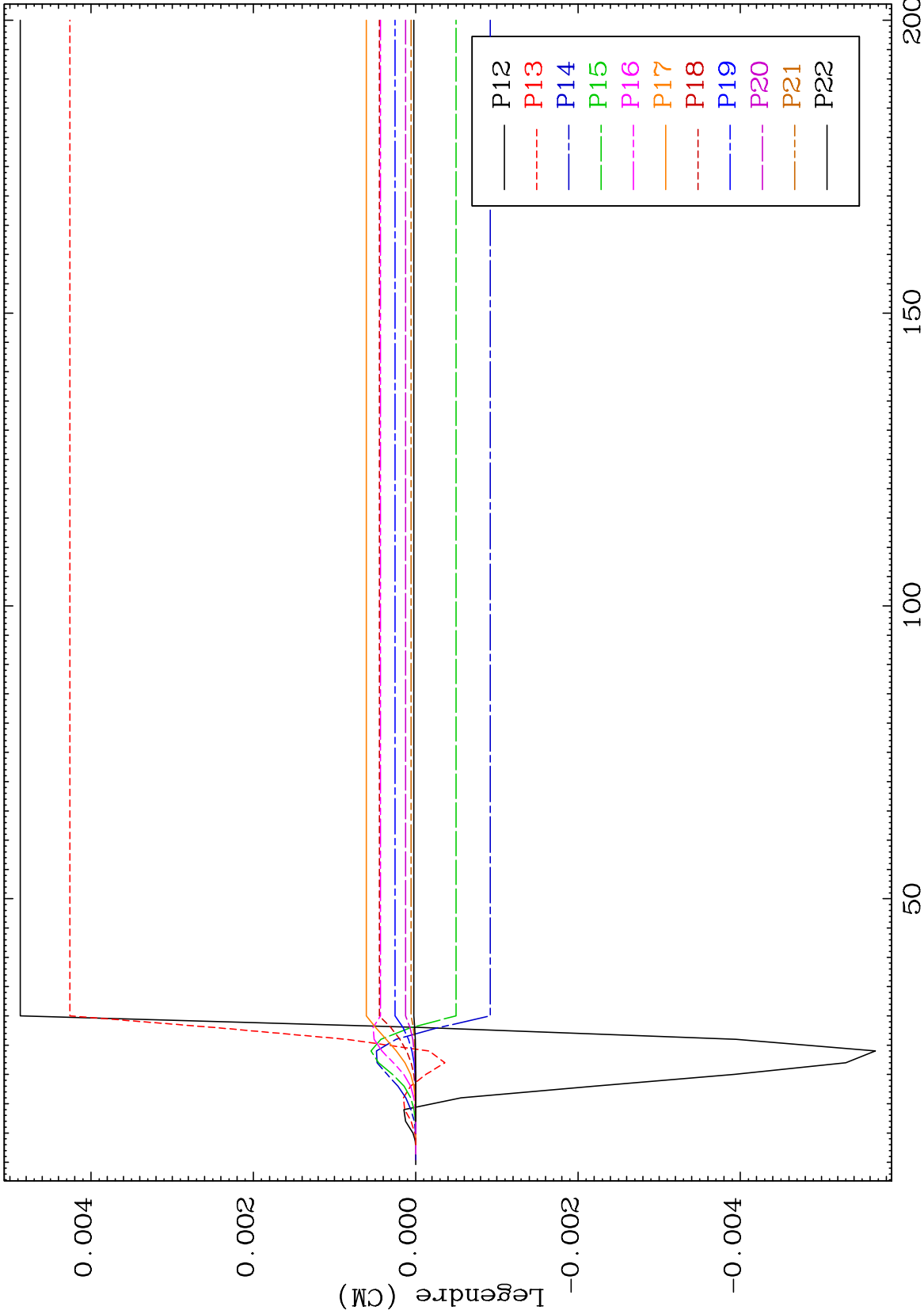


65 32-Ge-76

MAT 3243

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

32-Ge-76



66

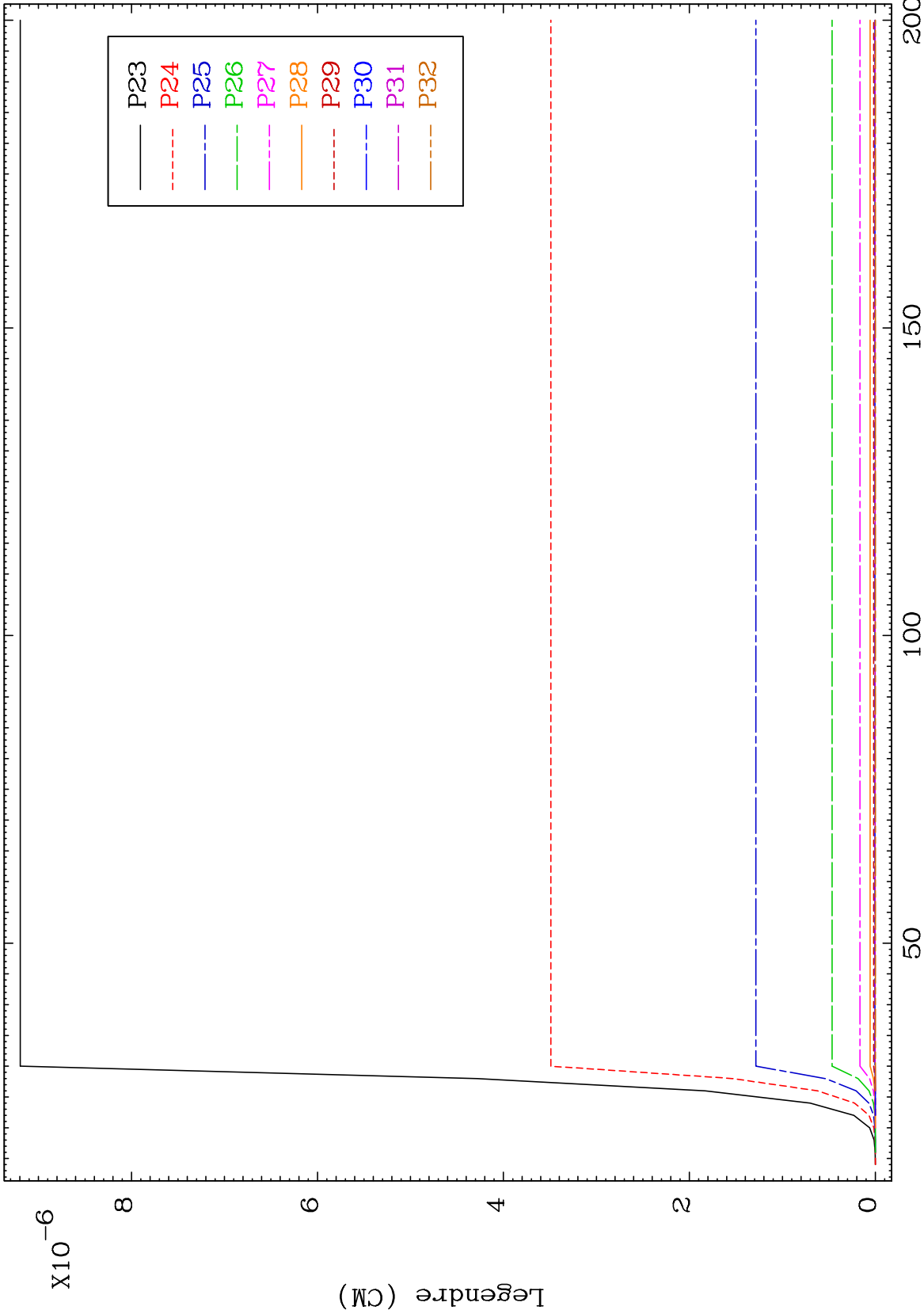
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

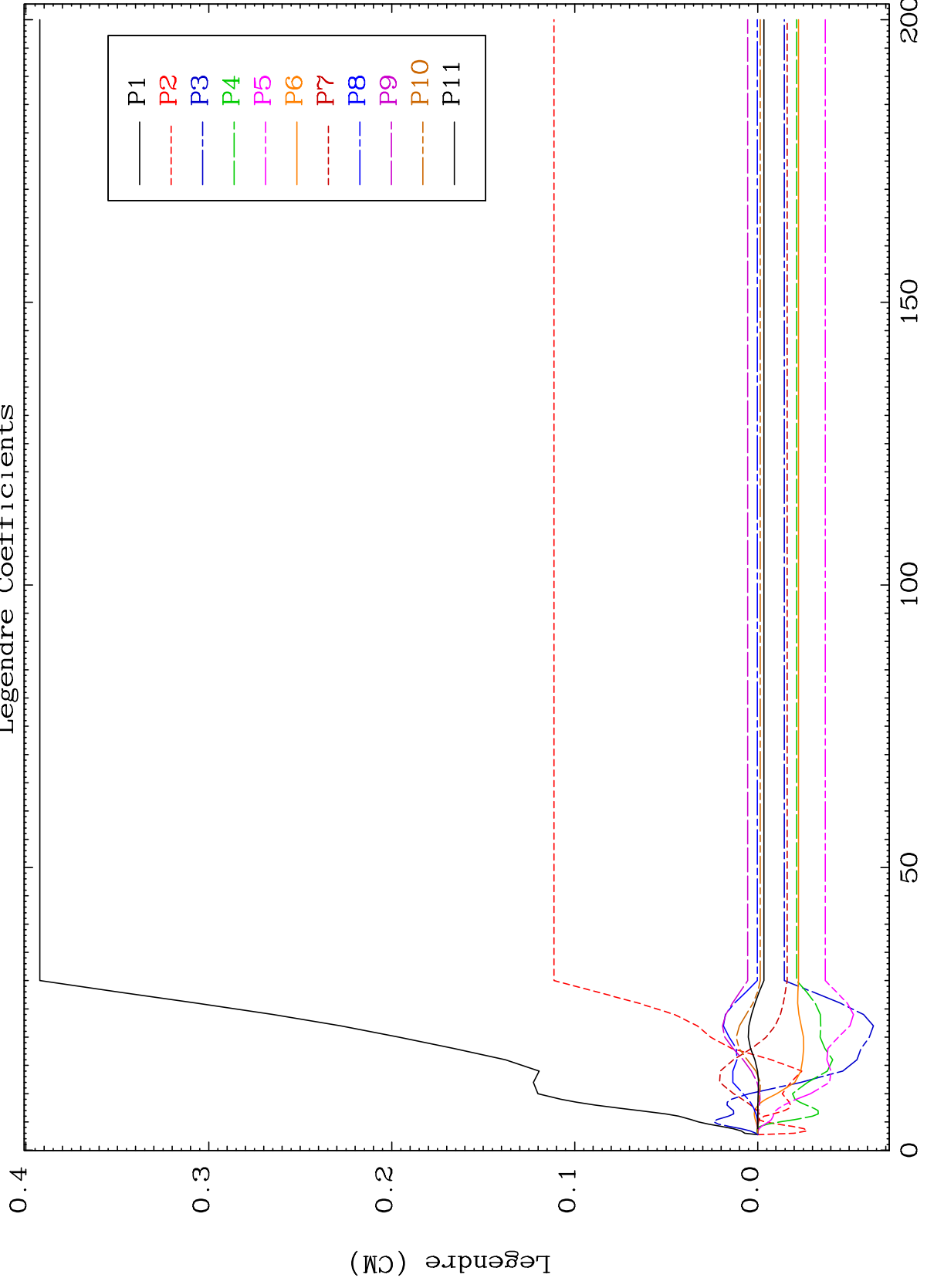


67

Incident Energy (MeV)

32-Ge-76

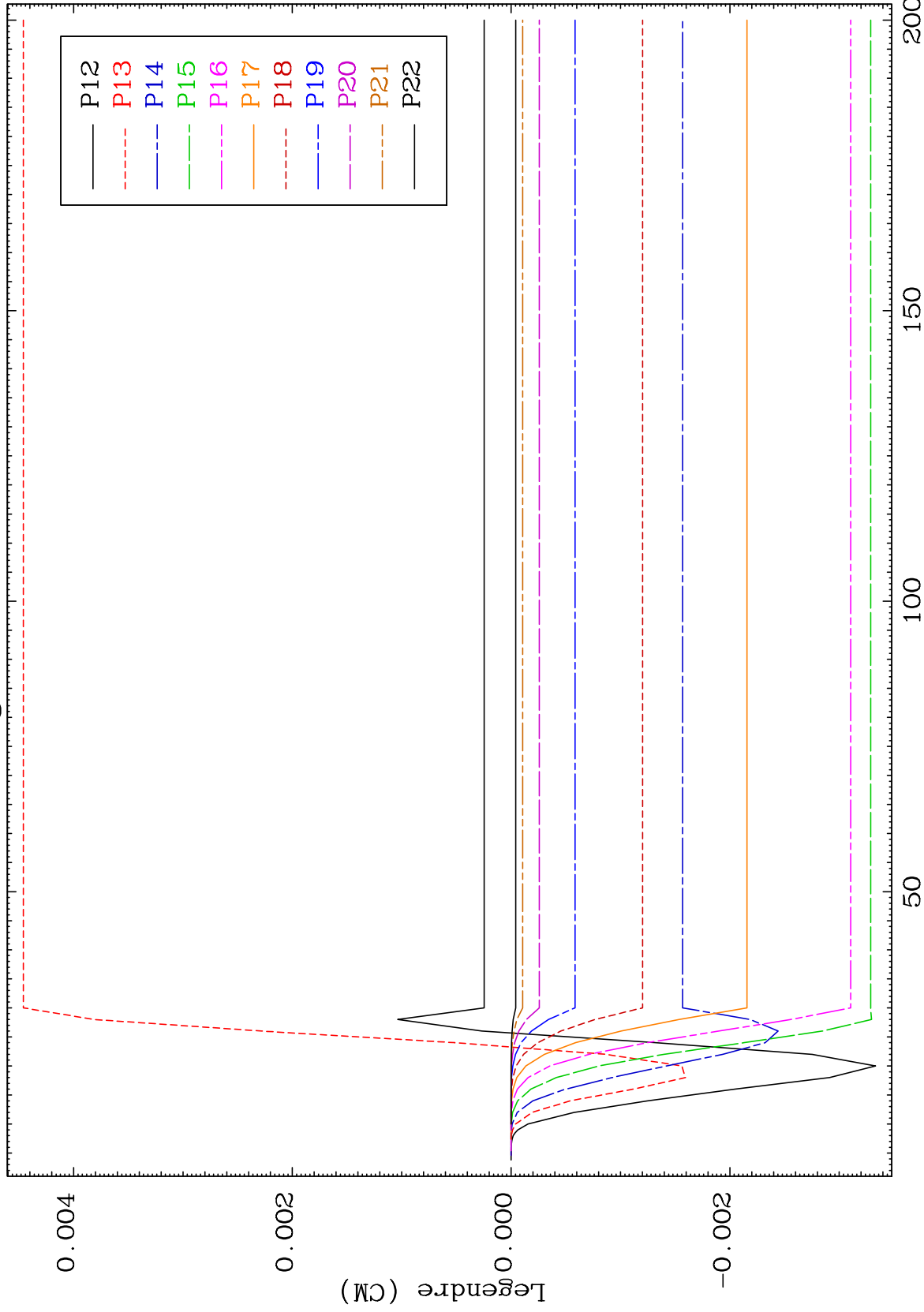
MAT 3243 MT= 66 (n,n') Level Legendre Coefficients 32-Ge-76



MAT 3243

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

32-Ge-76



69

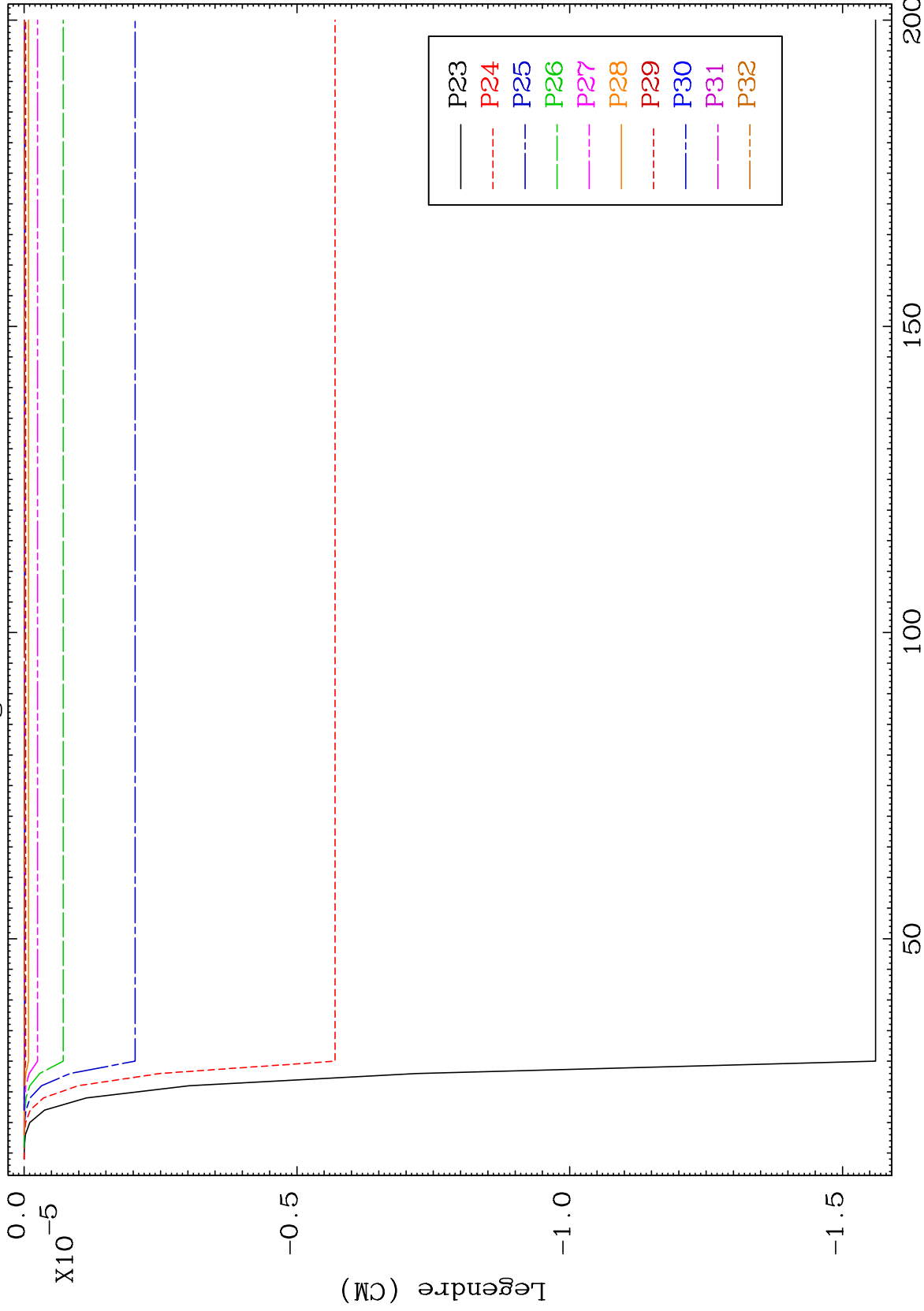
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

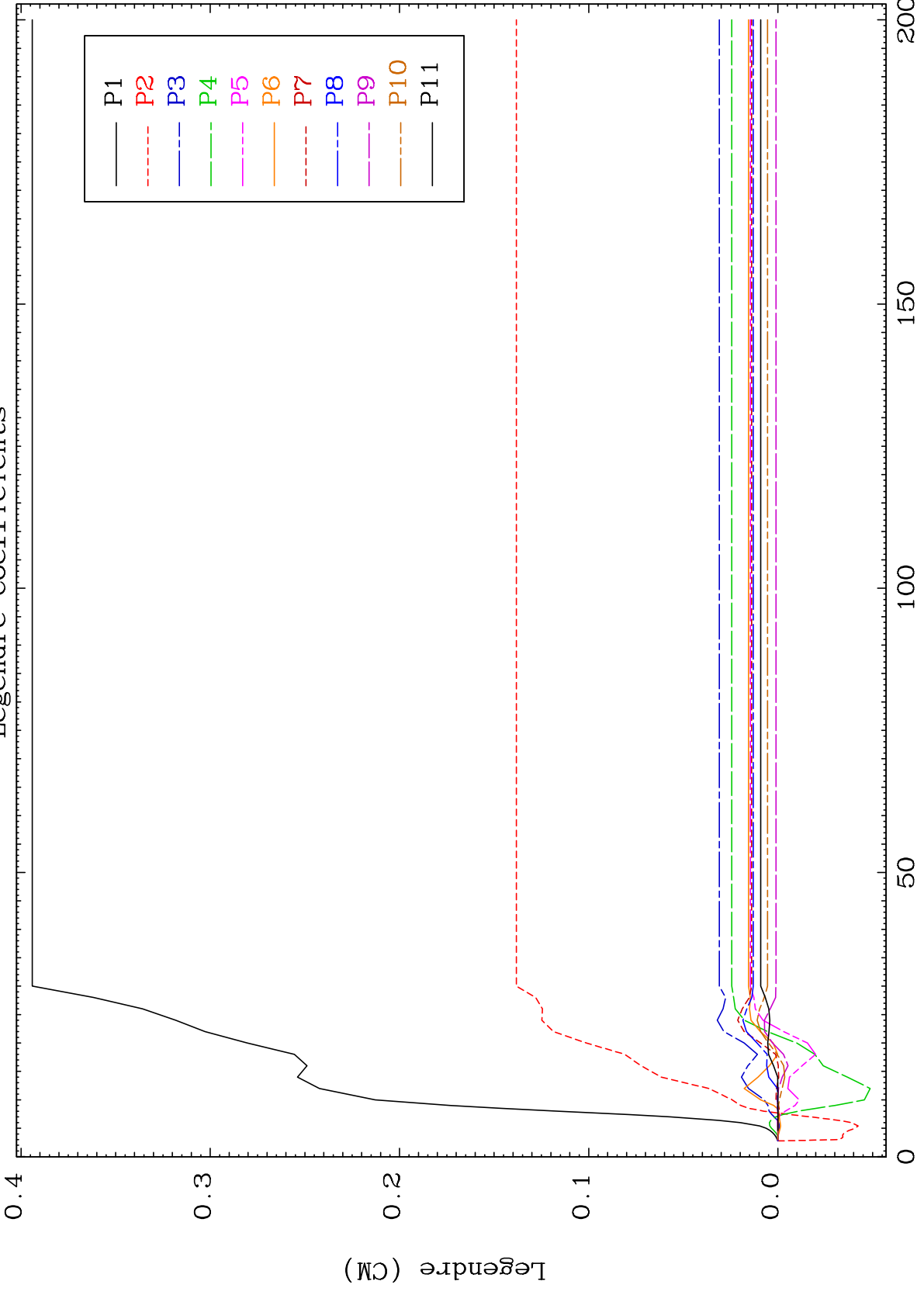


32-Ge-76

Incident Energy (MeV)

70

MAT 3243 MT= 67 (n,n') Level Legendre Coefficients 32-Ge-76

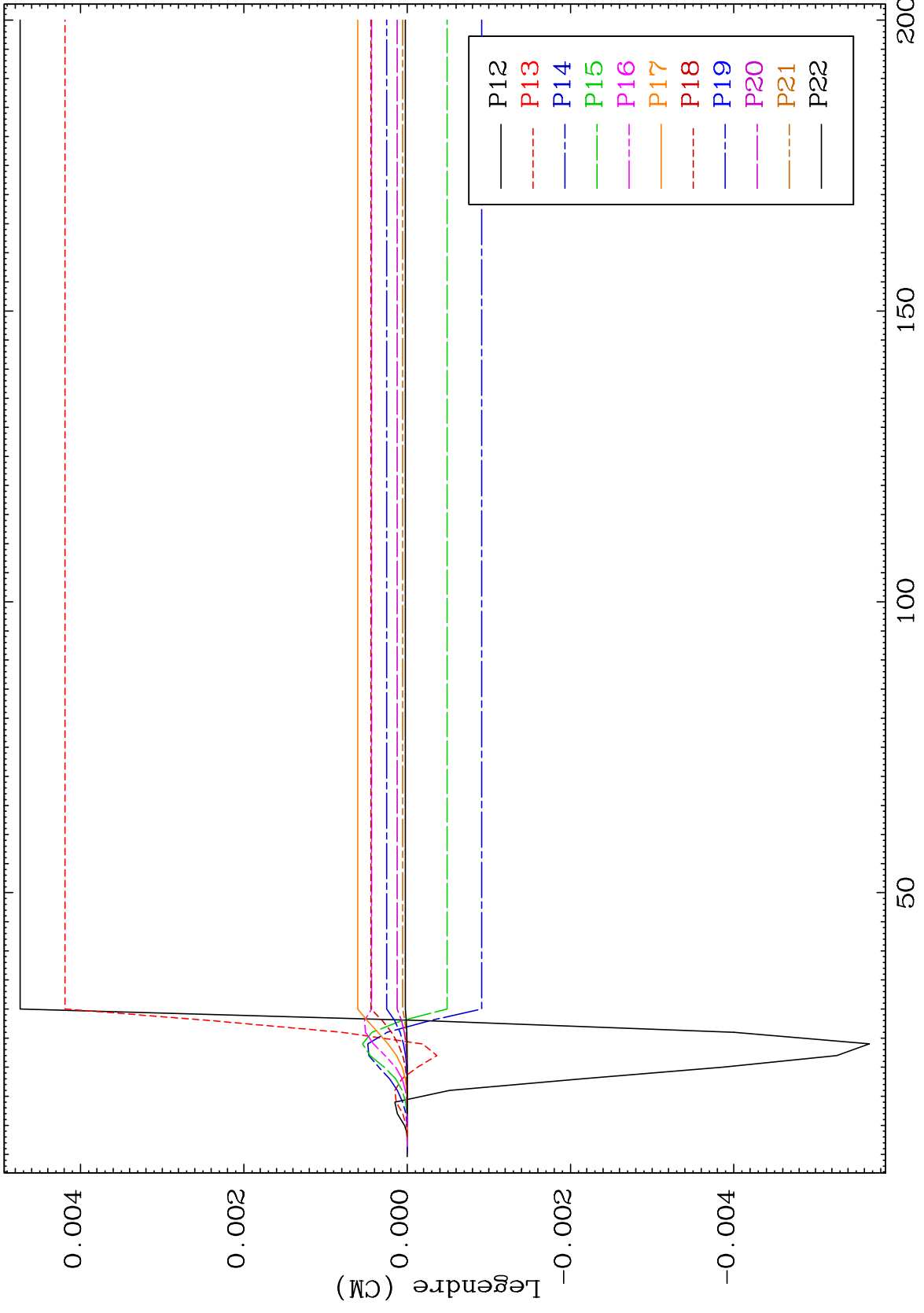


71 32-Ge-76

MAT 3243

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

32-Ge-76



72

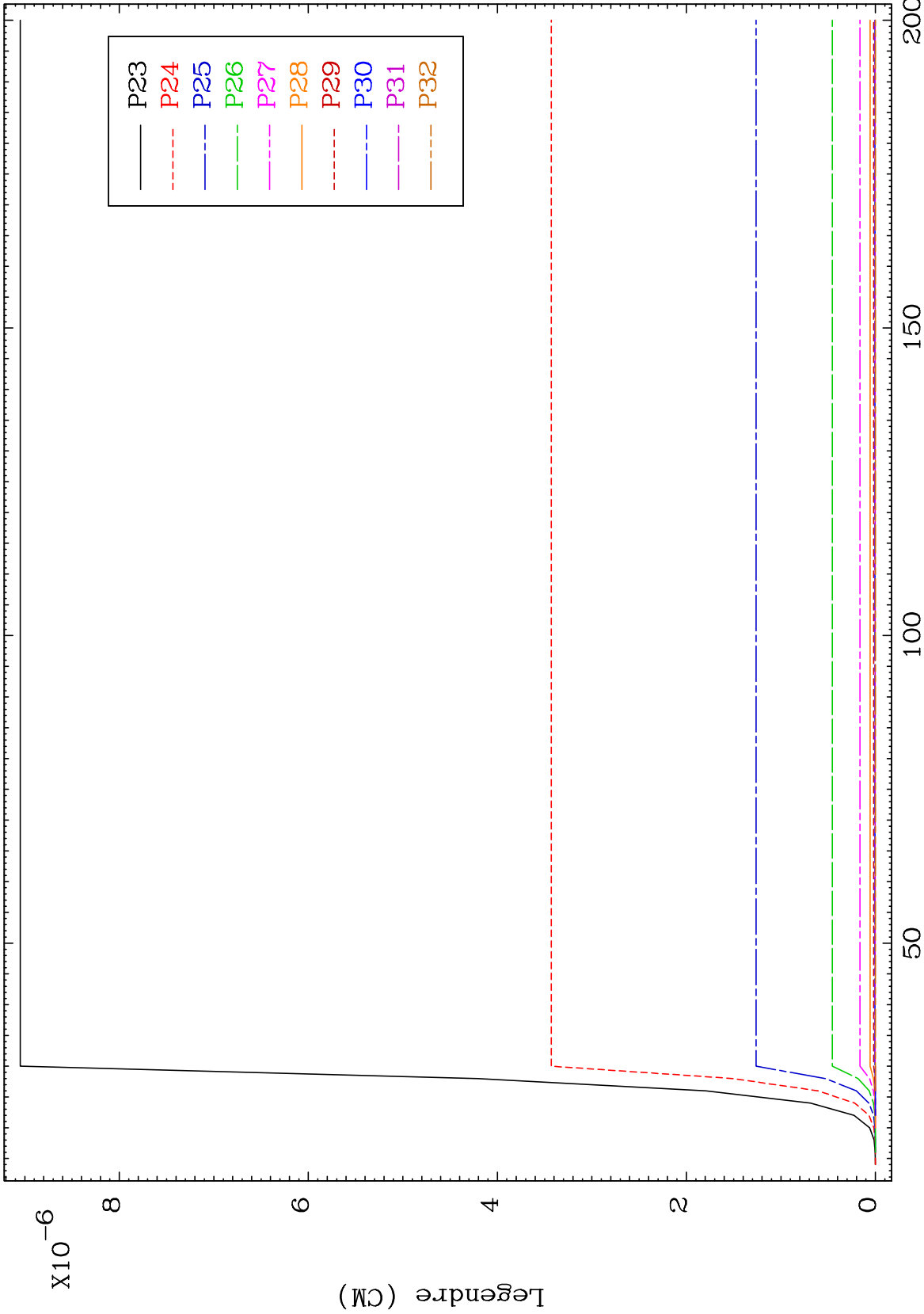
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

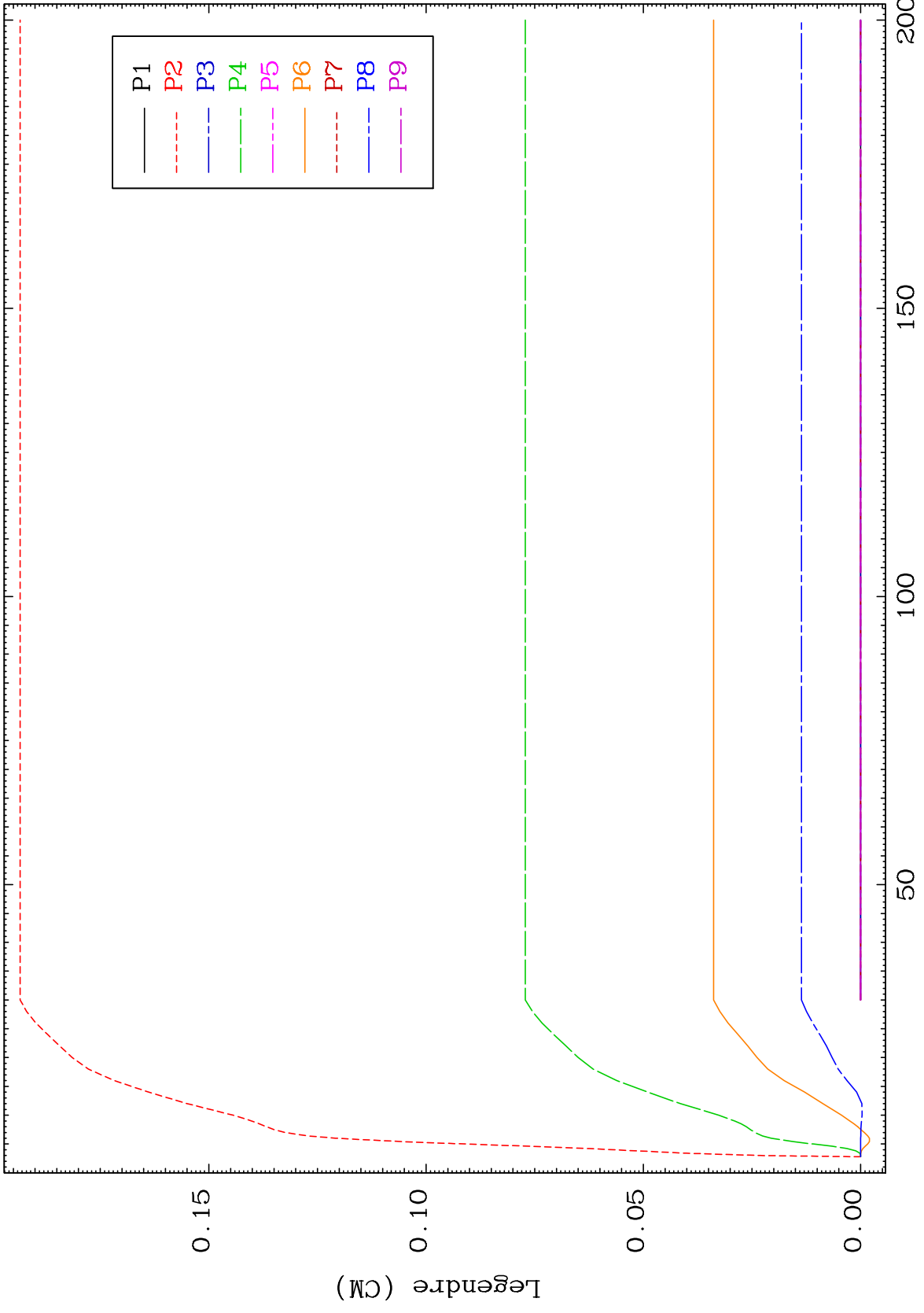


73

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 68 (n,n') Level Legendre Coefficients 32-Ge-76

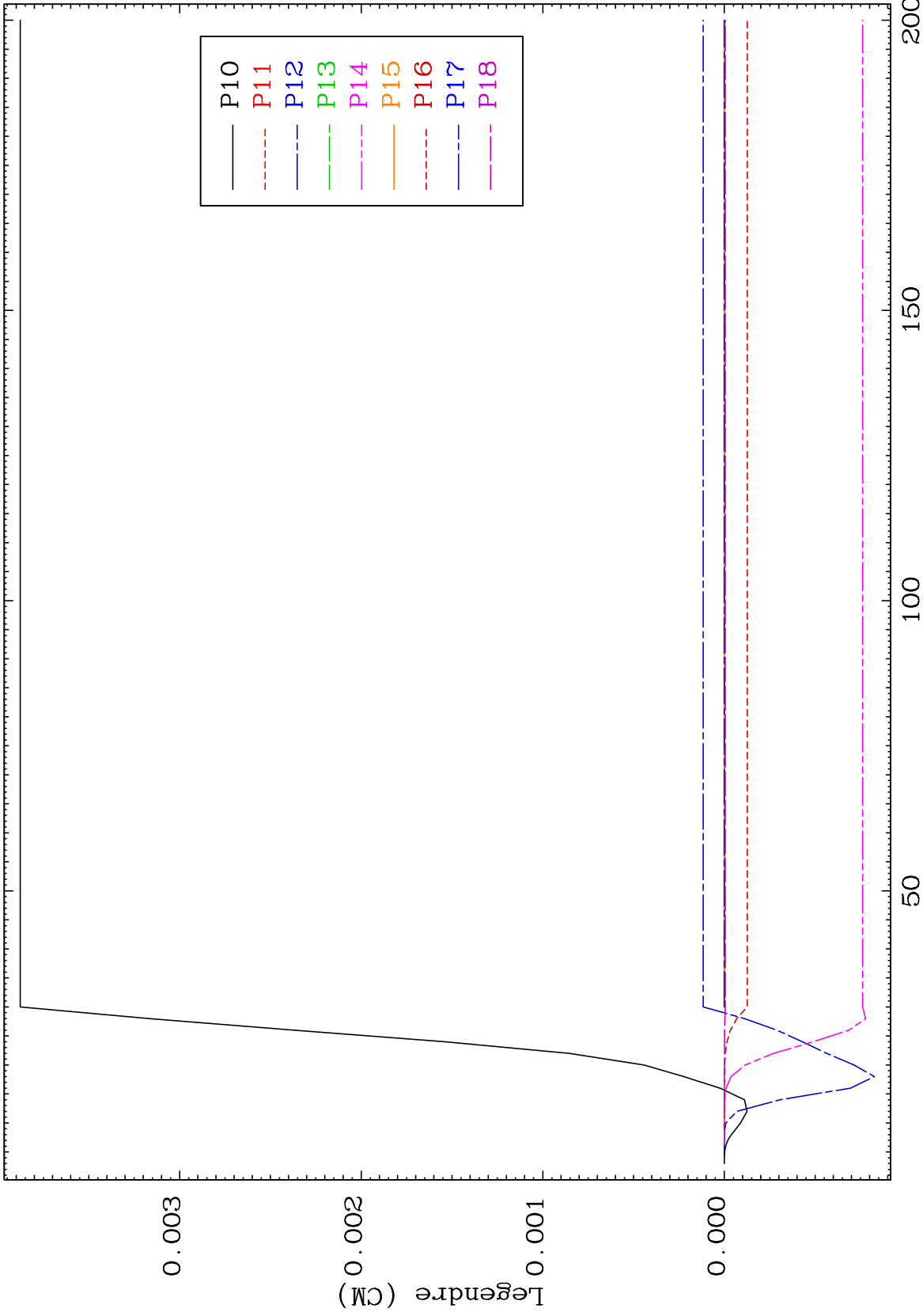


74 32-Ge-76

MAT 3243

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

32-Ge-76



75

Incident Energy (MeV)

32-Ge-76

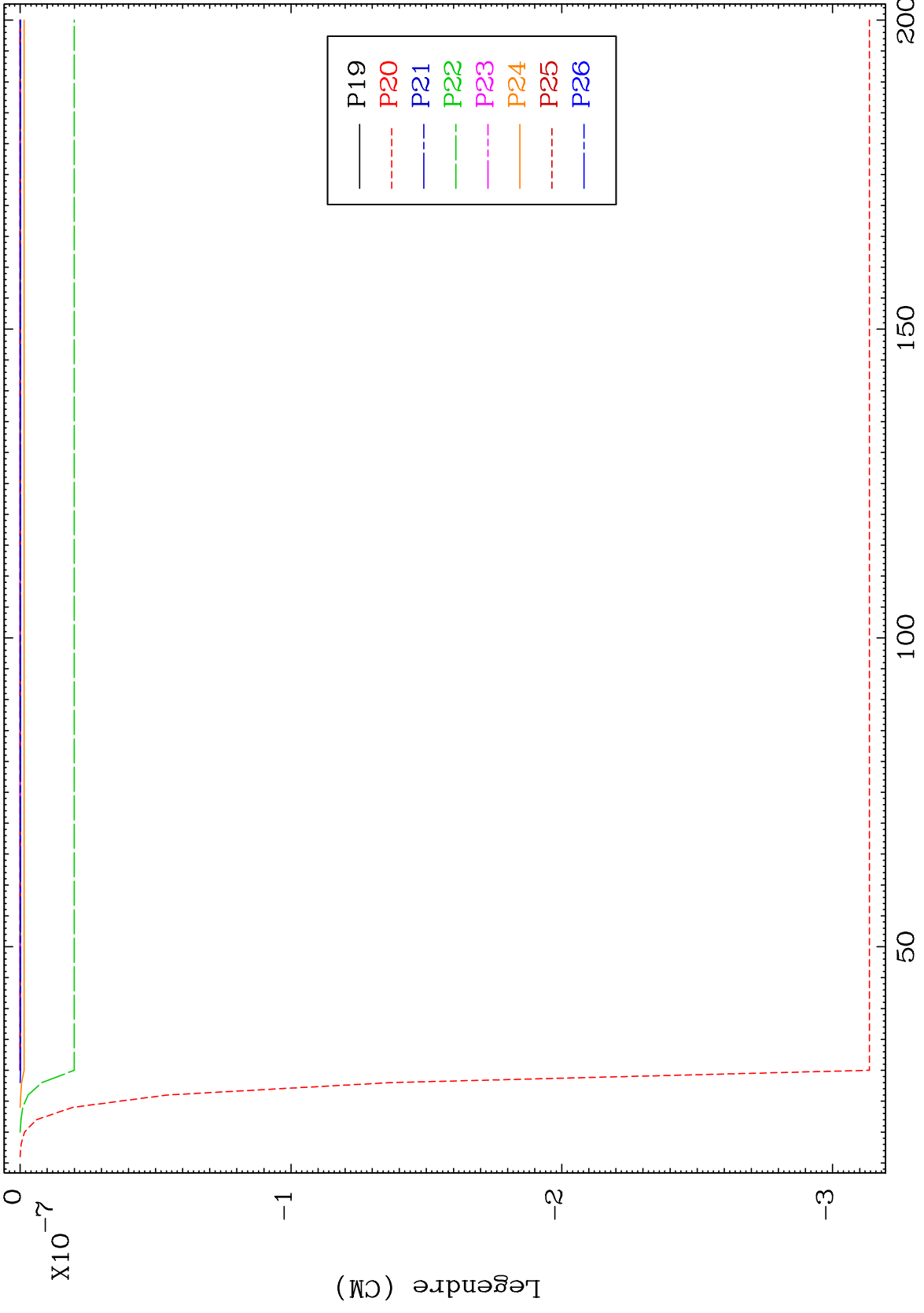
MAT 3243

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

32-Ge-76

Incident Energy (MeV)

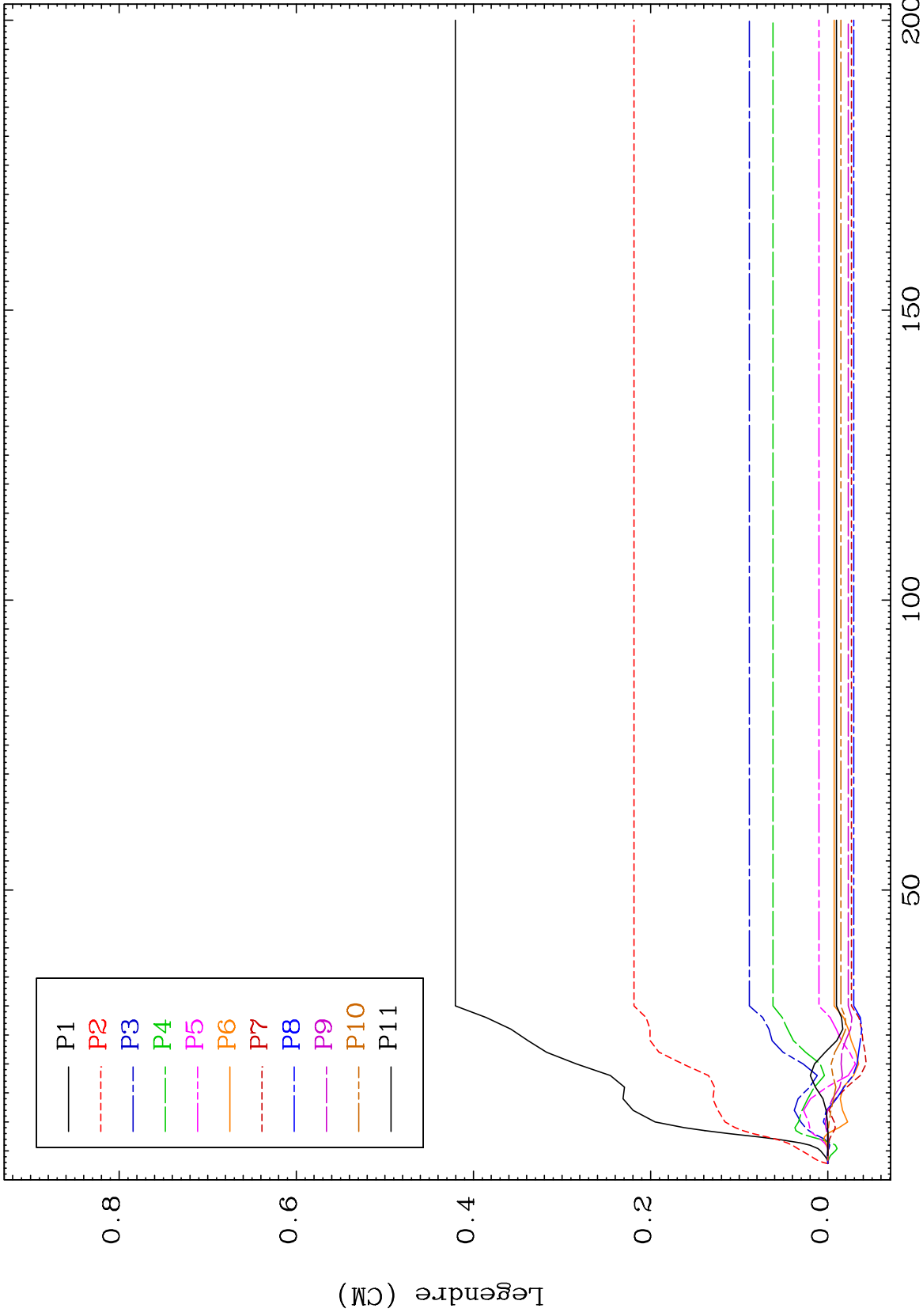
76



MAT 3243

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

32-Ge-76



77

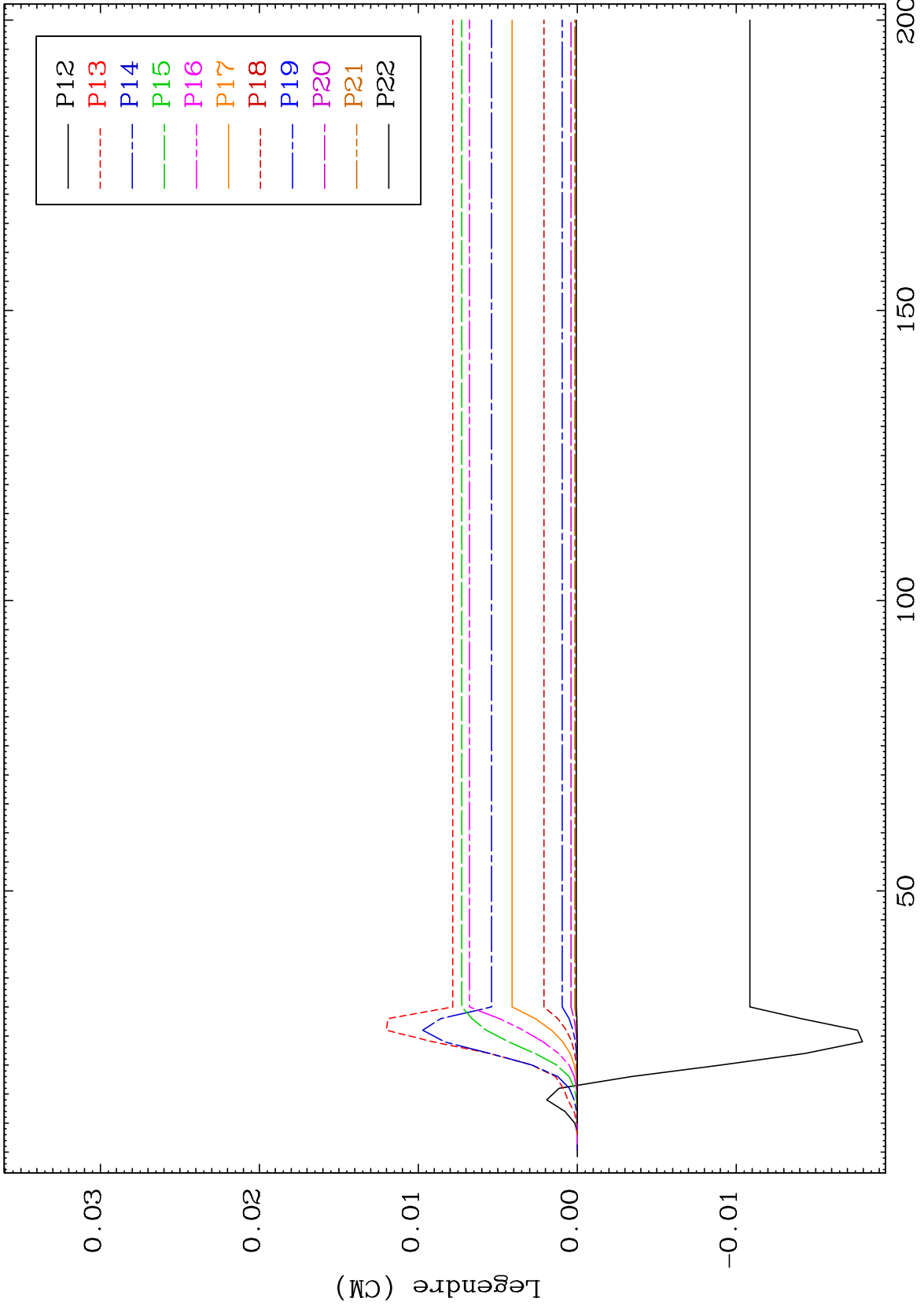
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



78

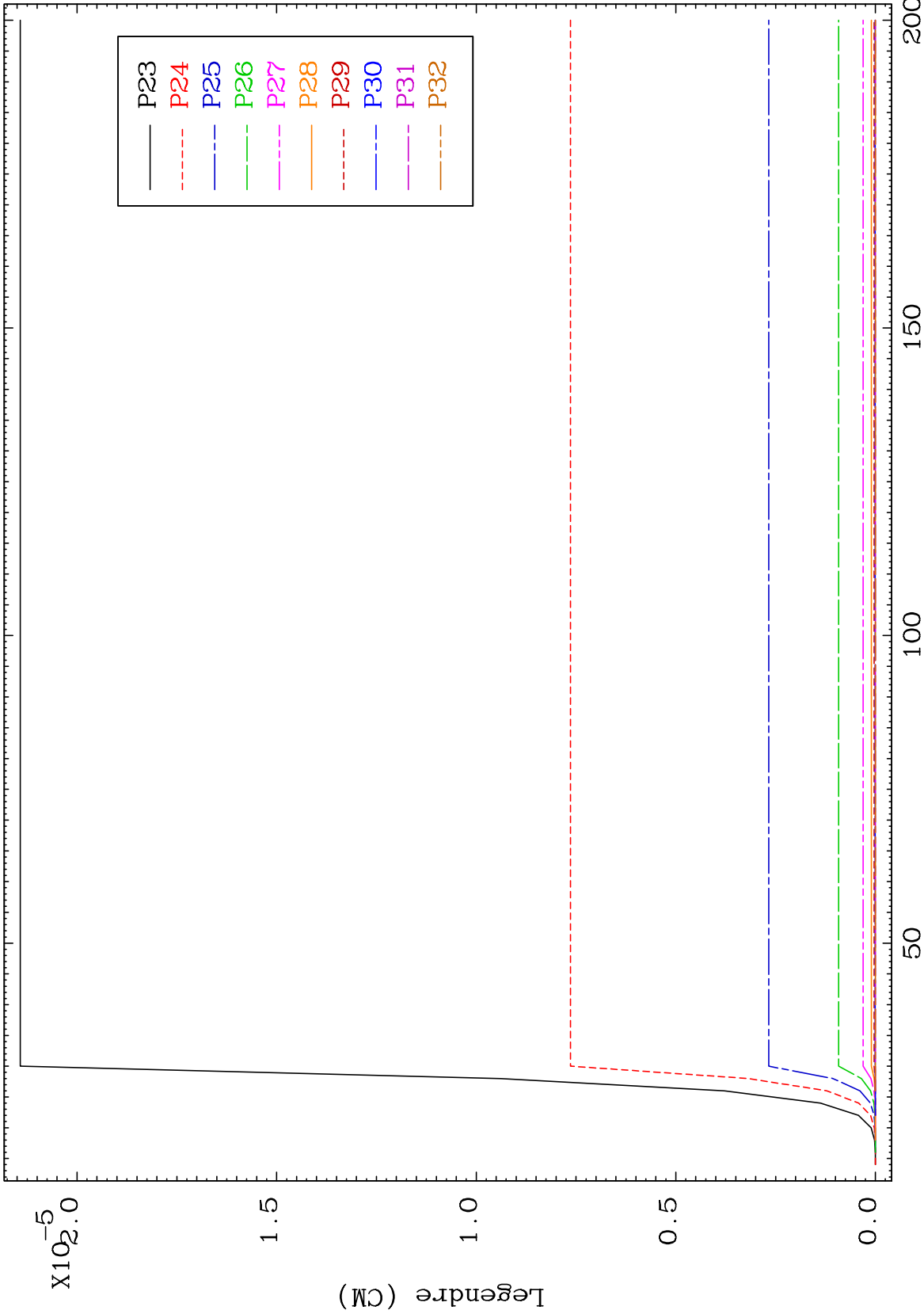
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



79

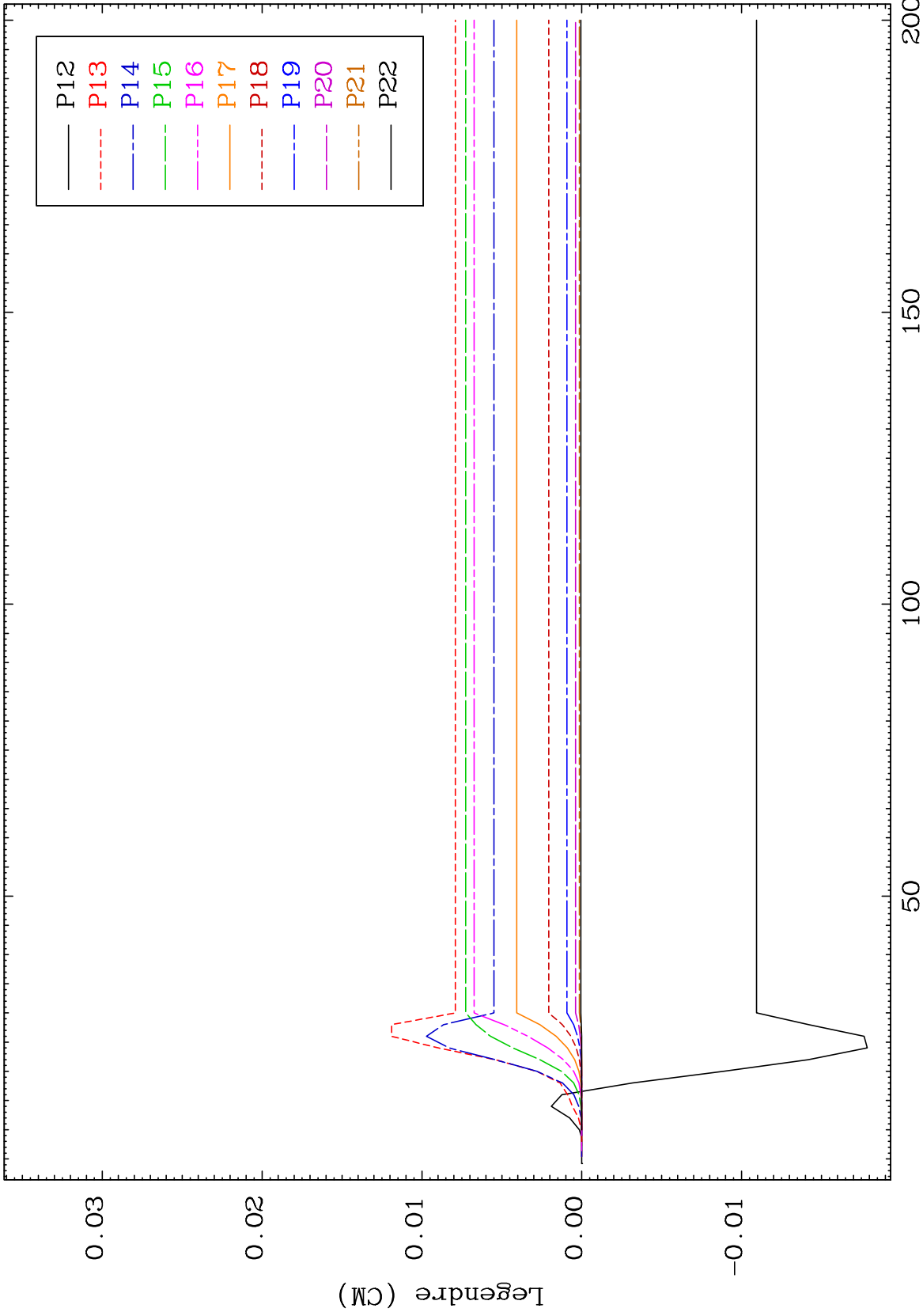
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



81

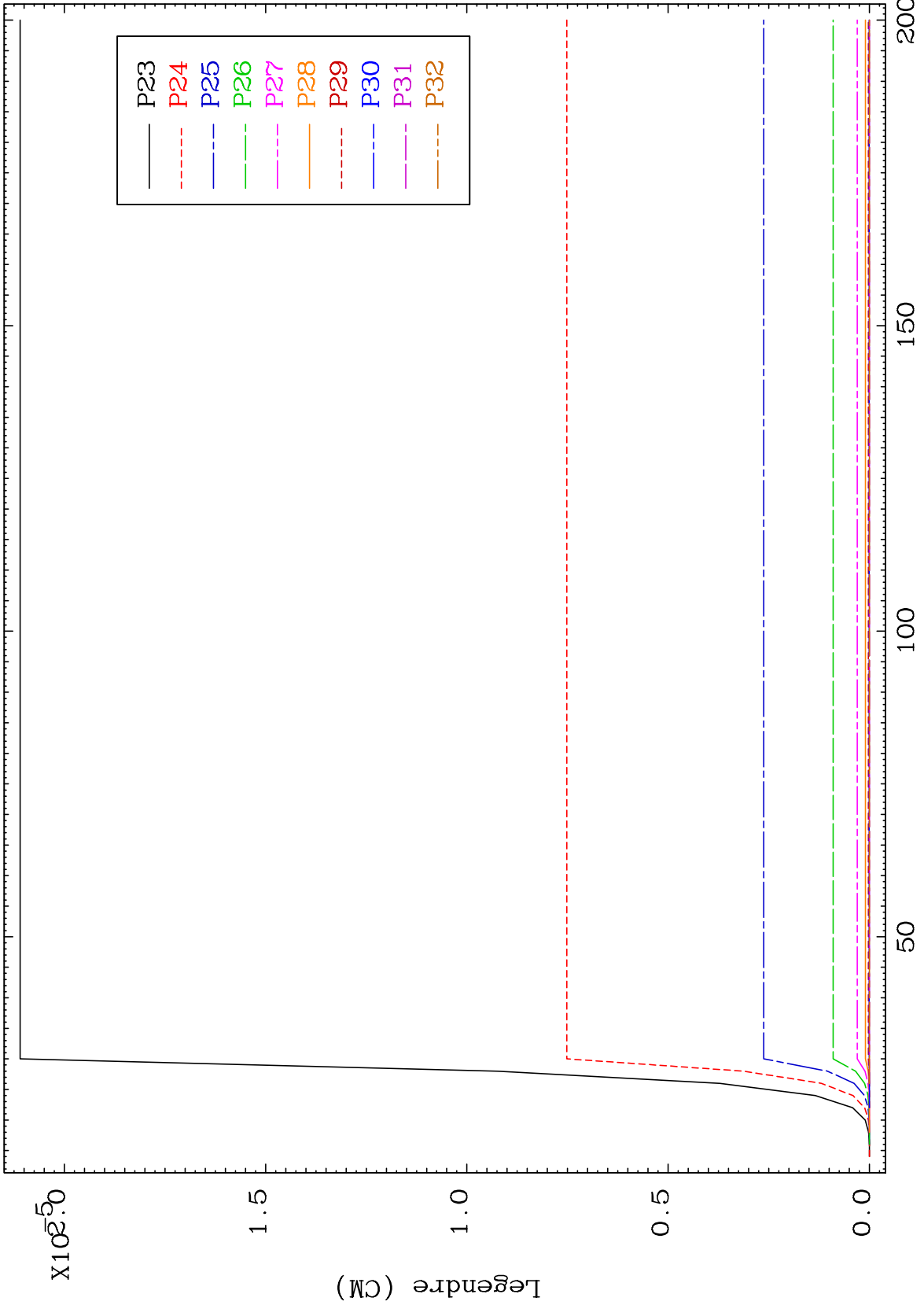
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

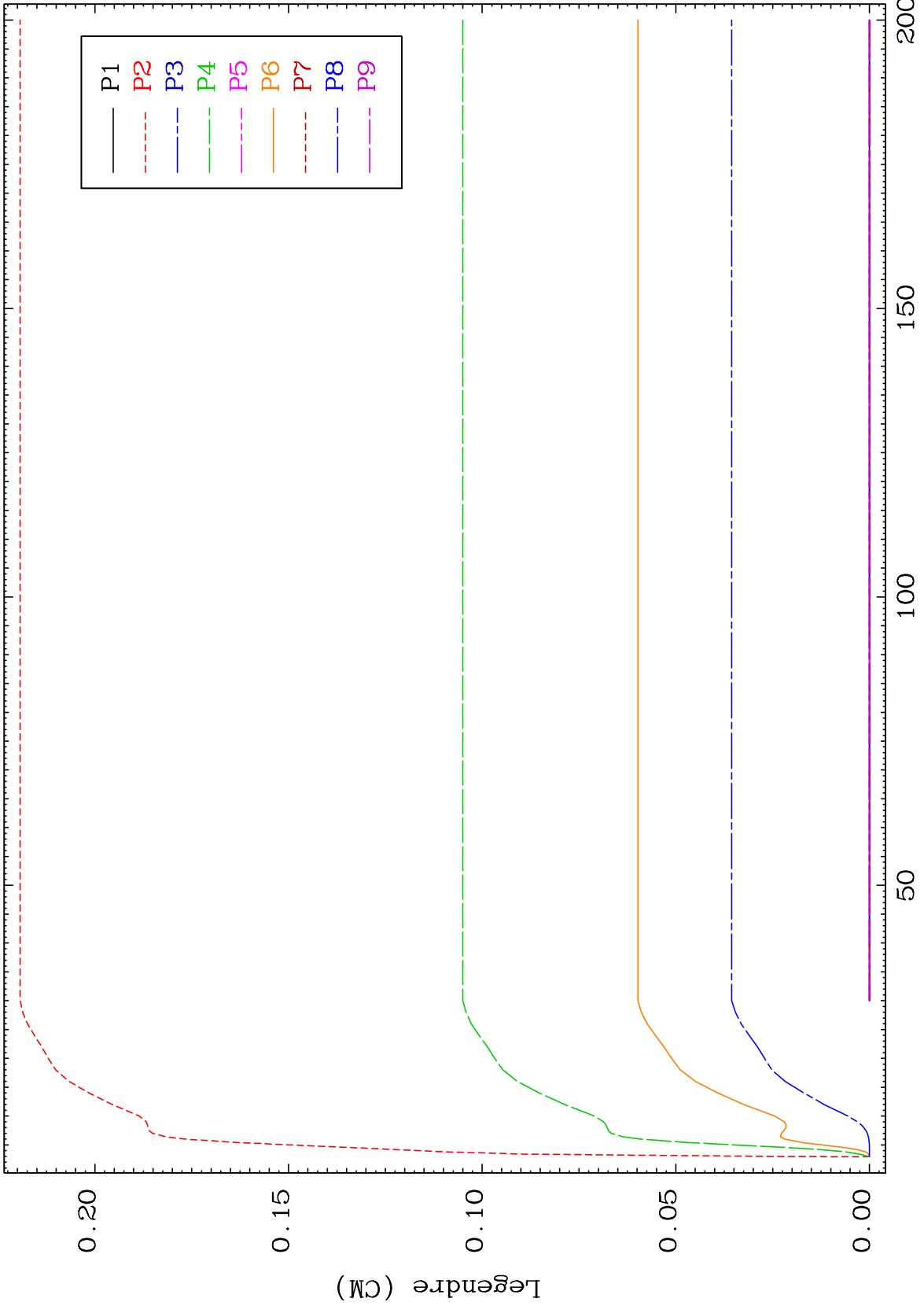


82

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 71 (n,n') Level Legendre Coefficients 32-Ge-76

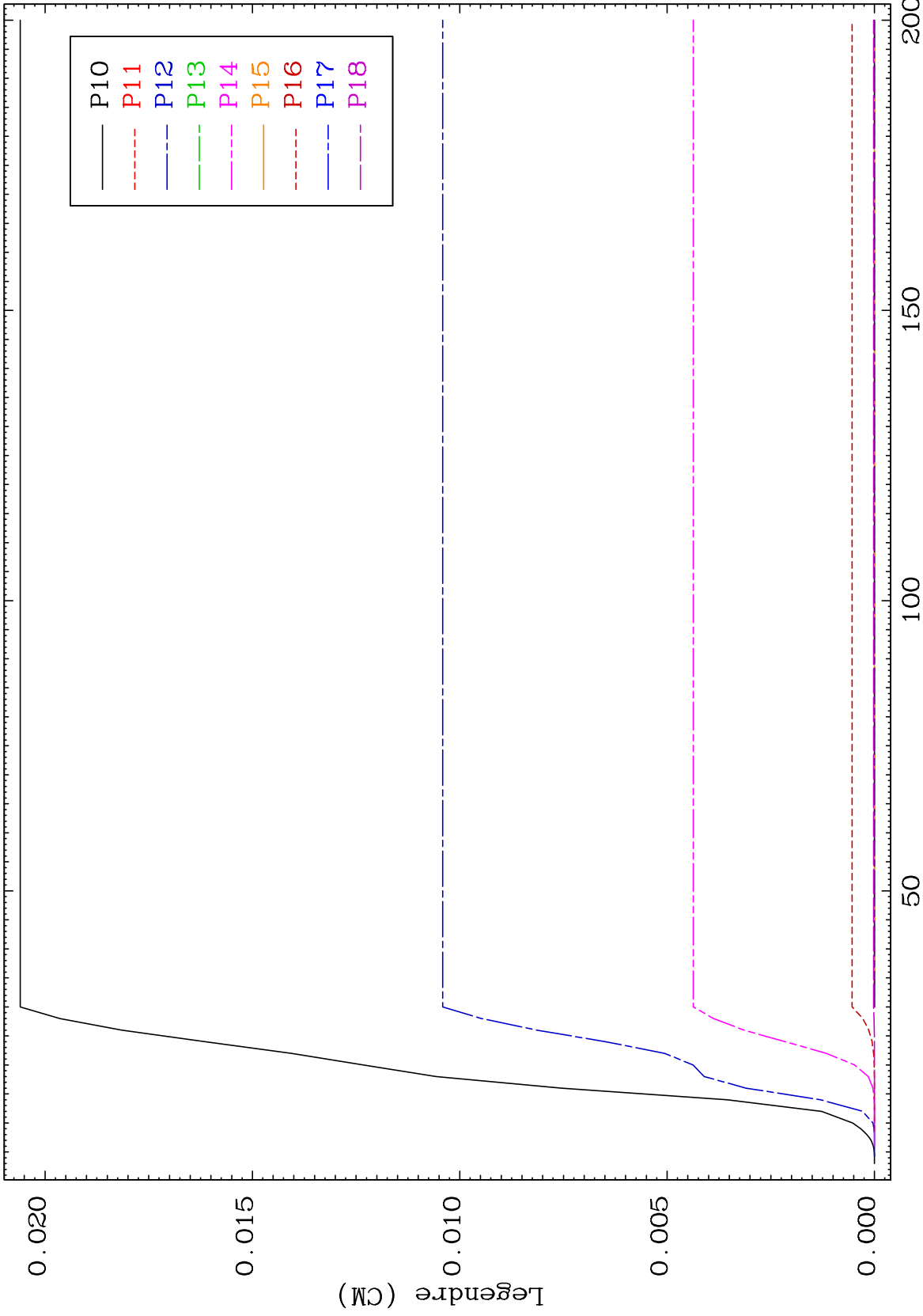


83 32-Ge-76

MAT 3243

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

32-Ge-76

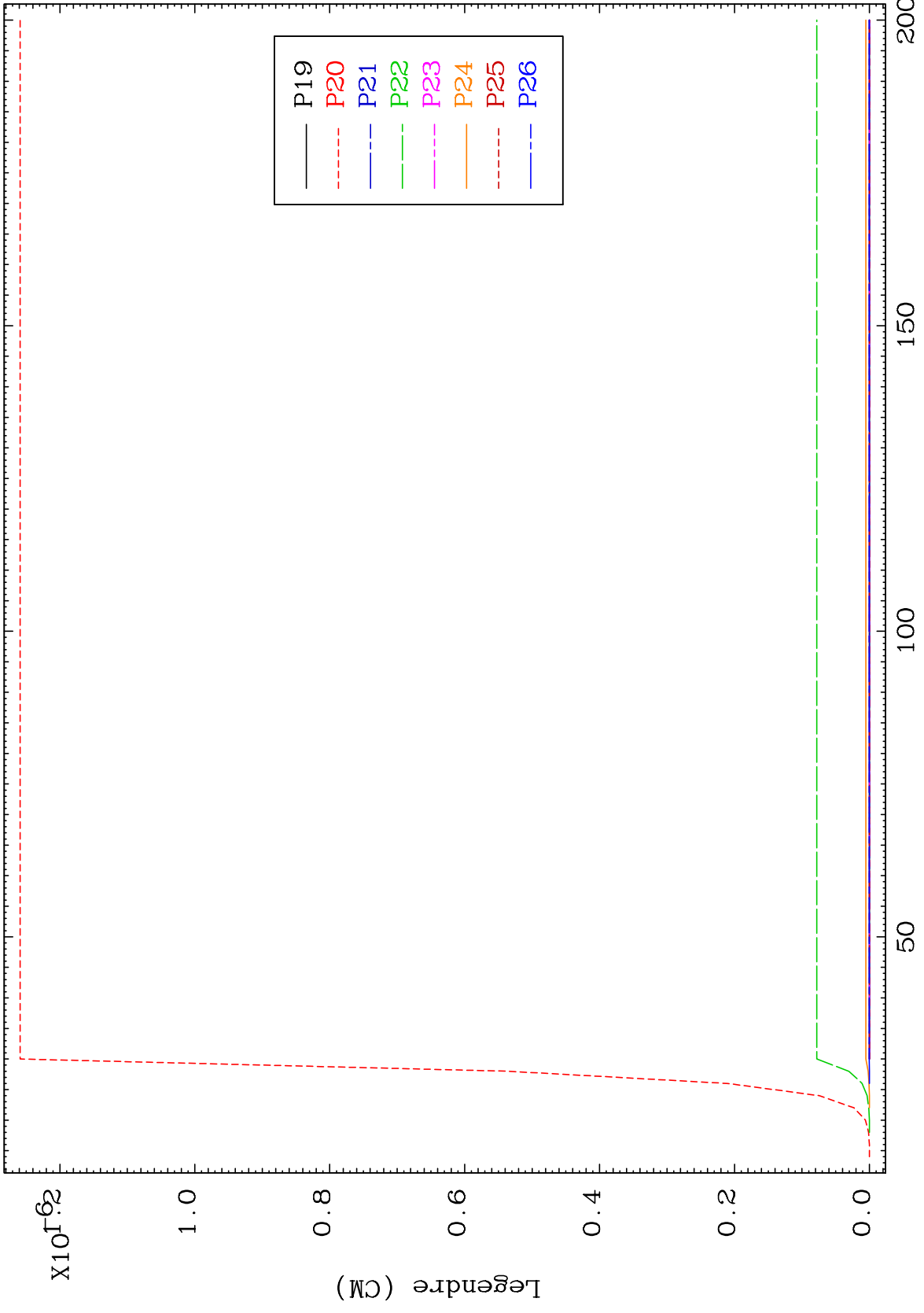


84

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 71 (n,n') Level Legendre Coefficients 32-Ge-76

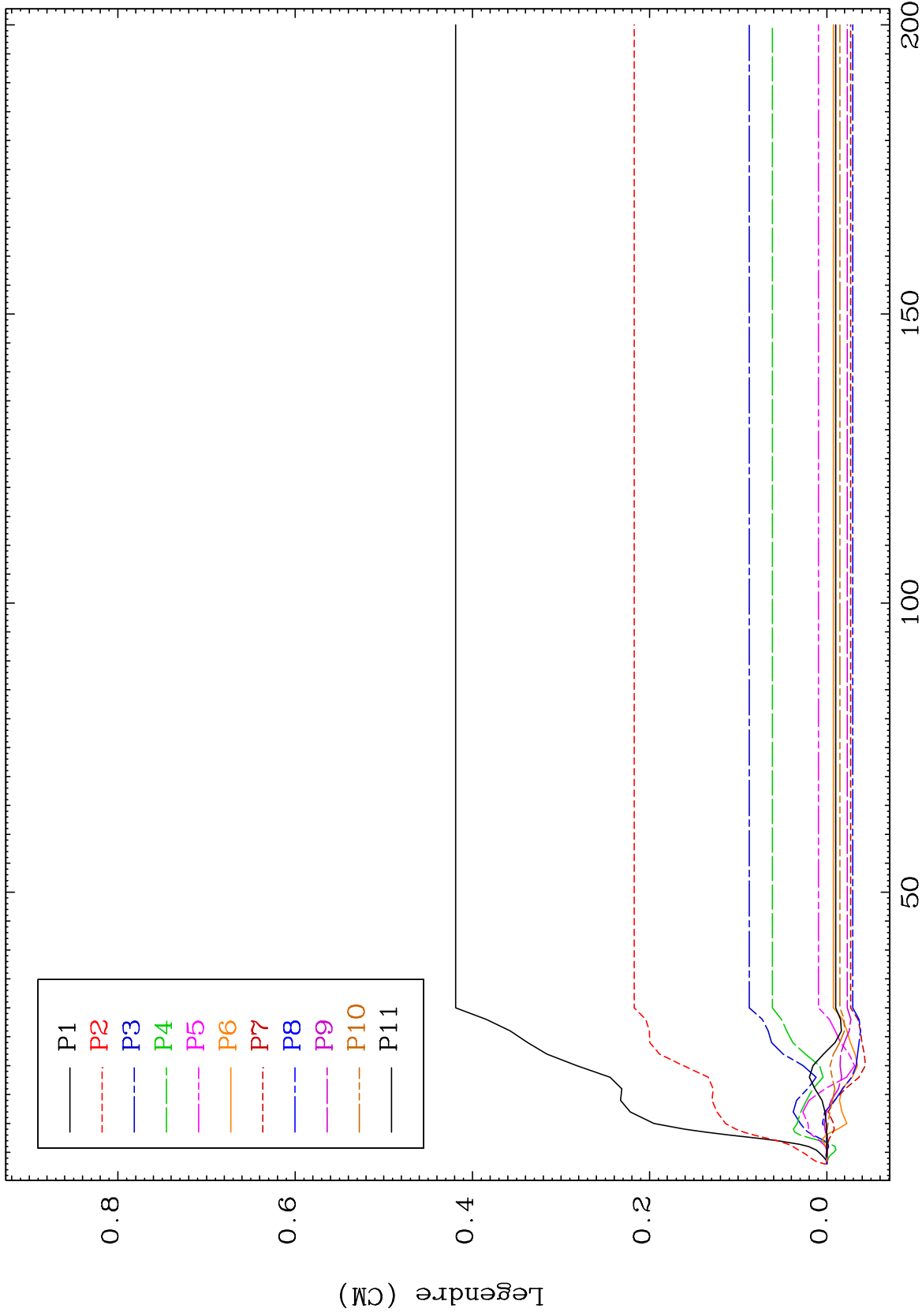


85 50 100 150 200 32-Ge-76

MAT 3243

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

32-Ge-76



86

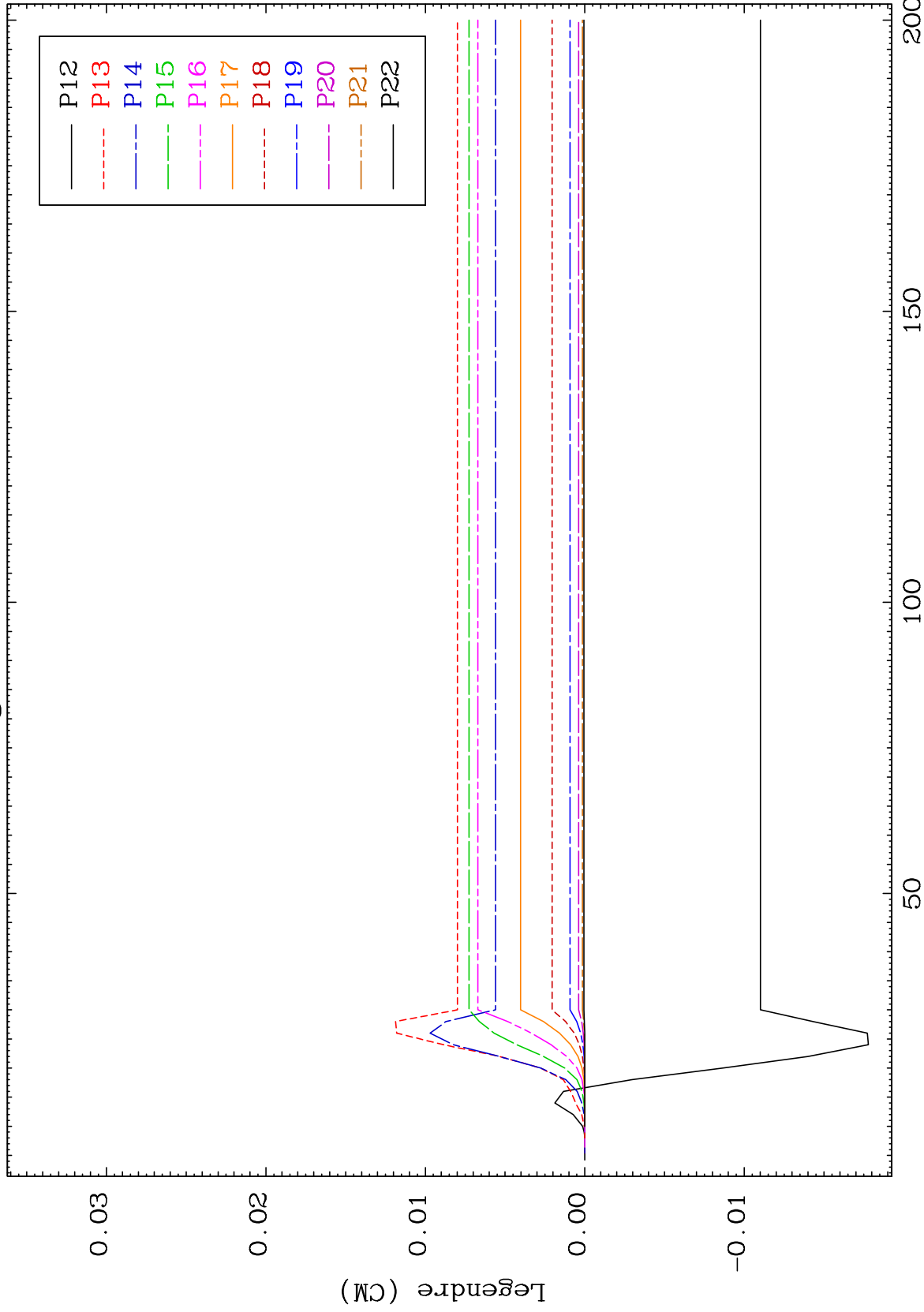
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



87

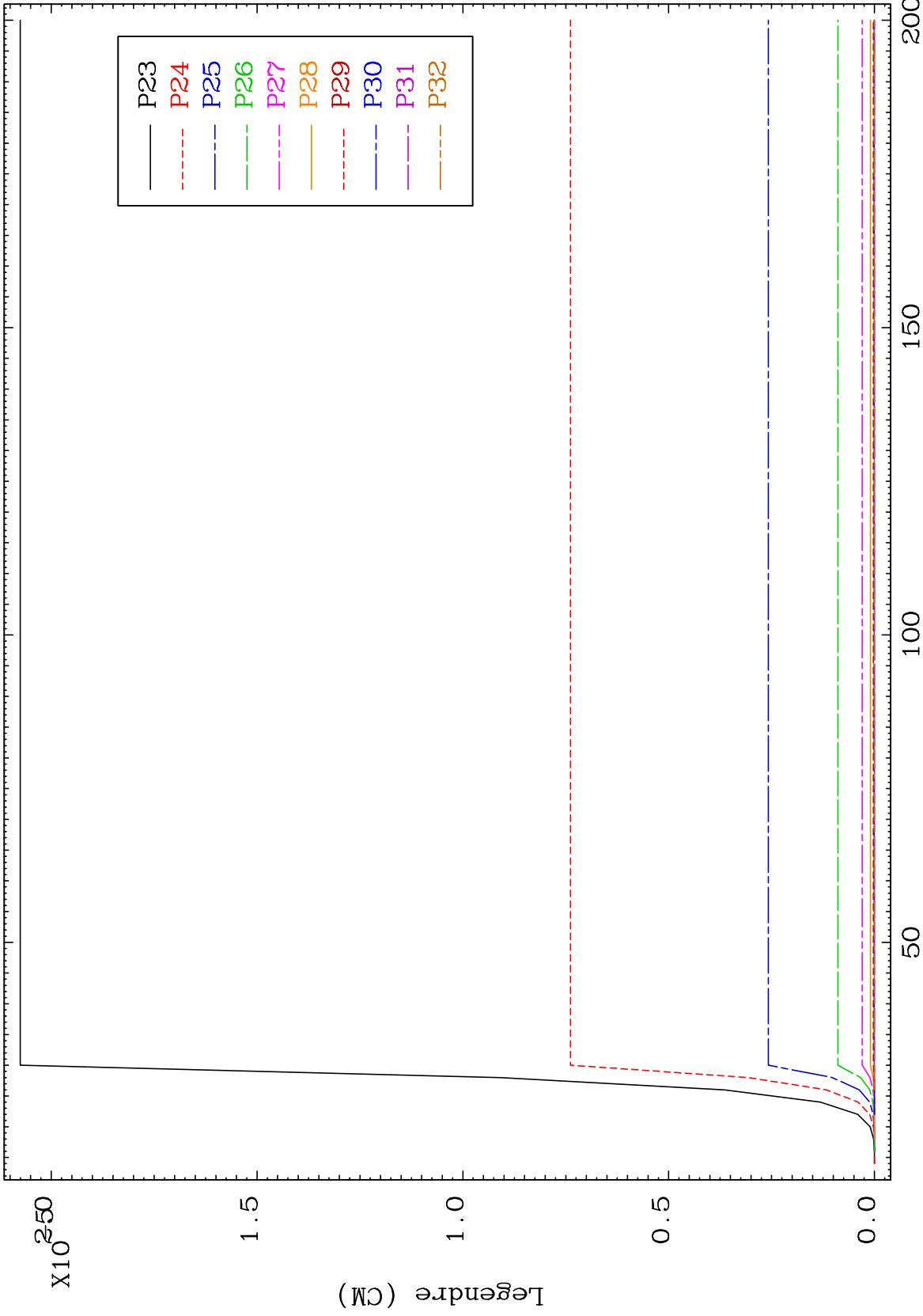
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



88

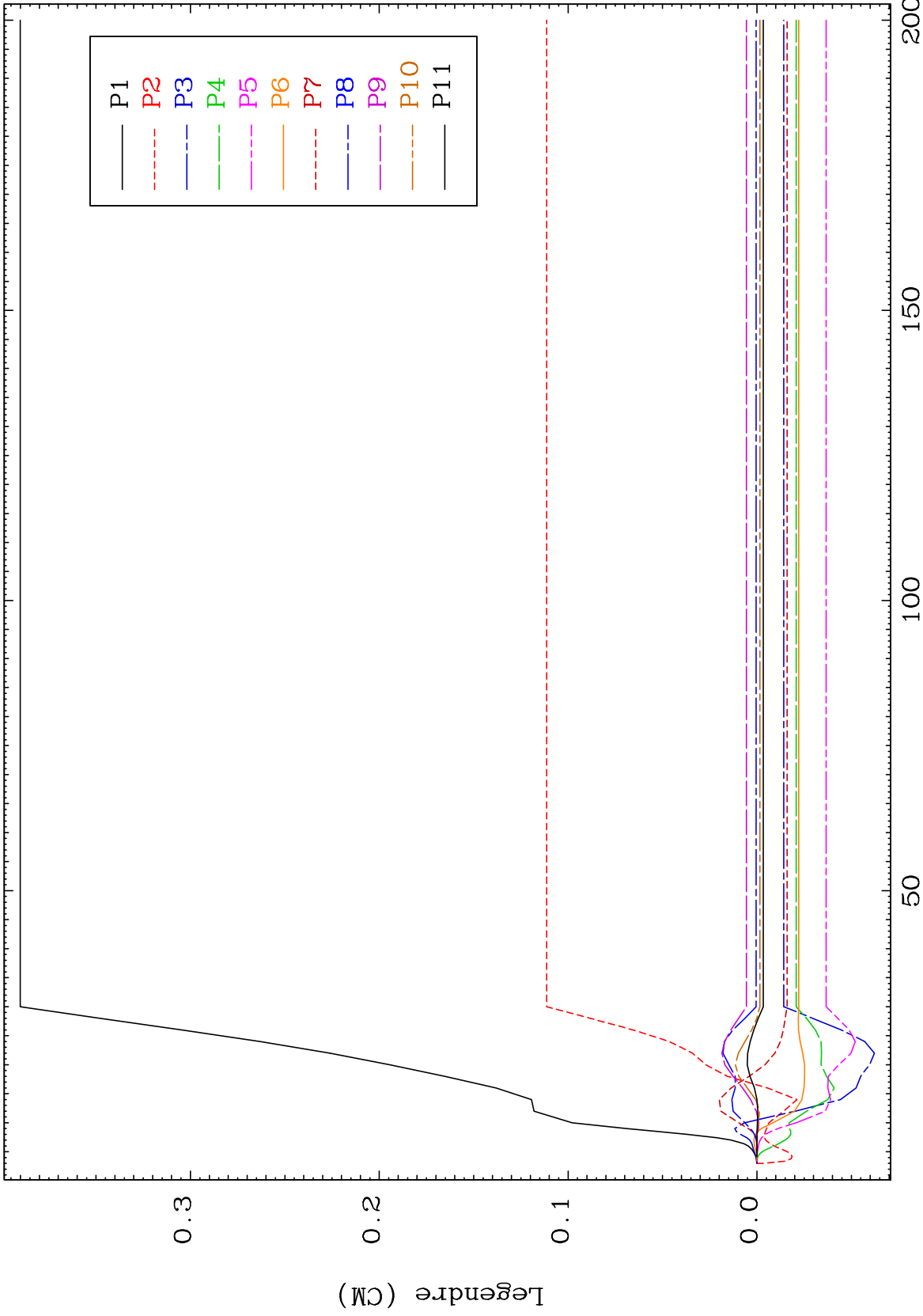
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



89

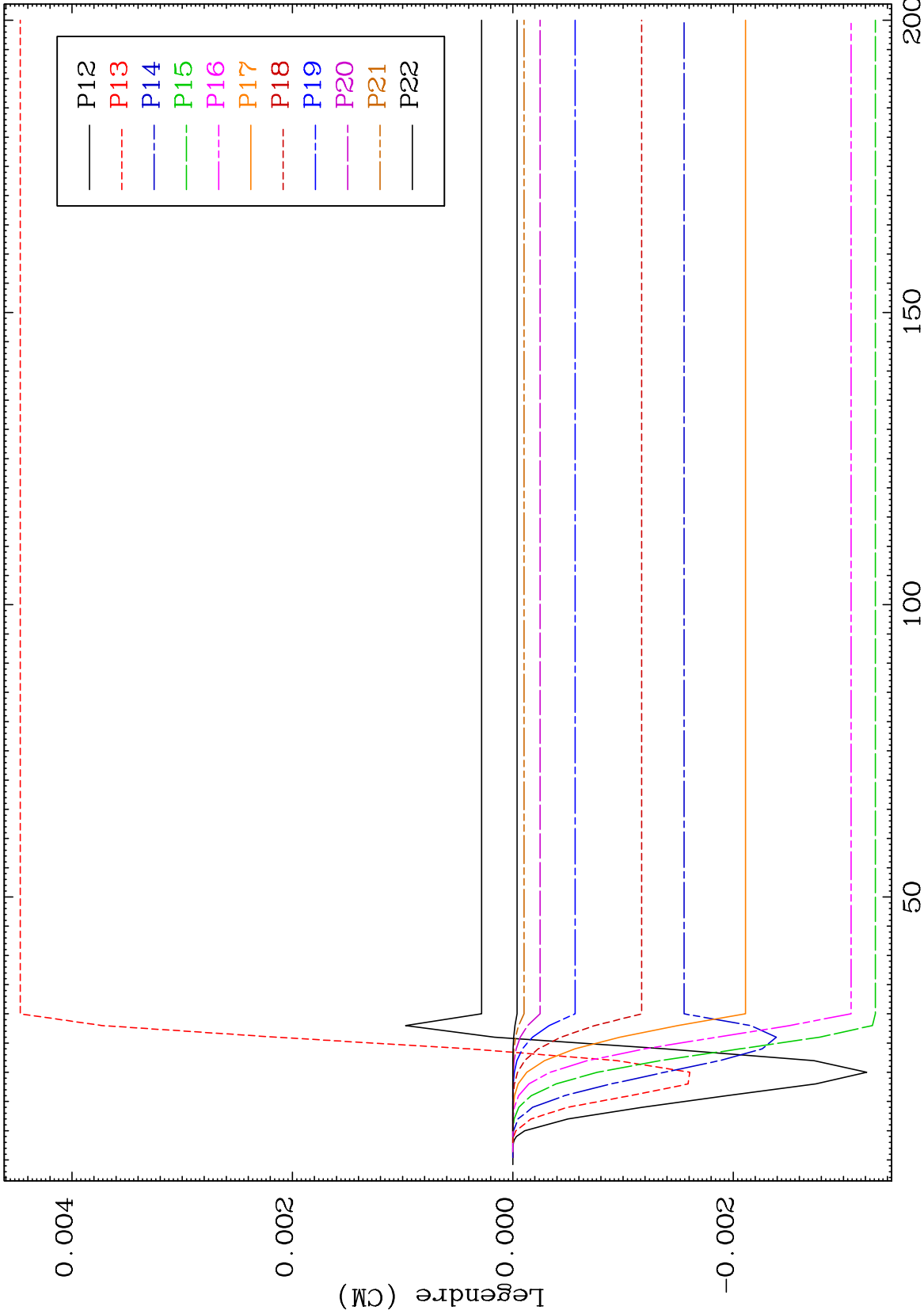
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



90

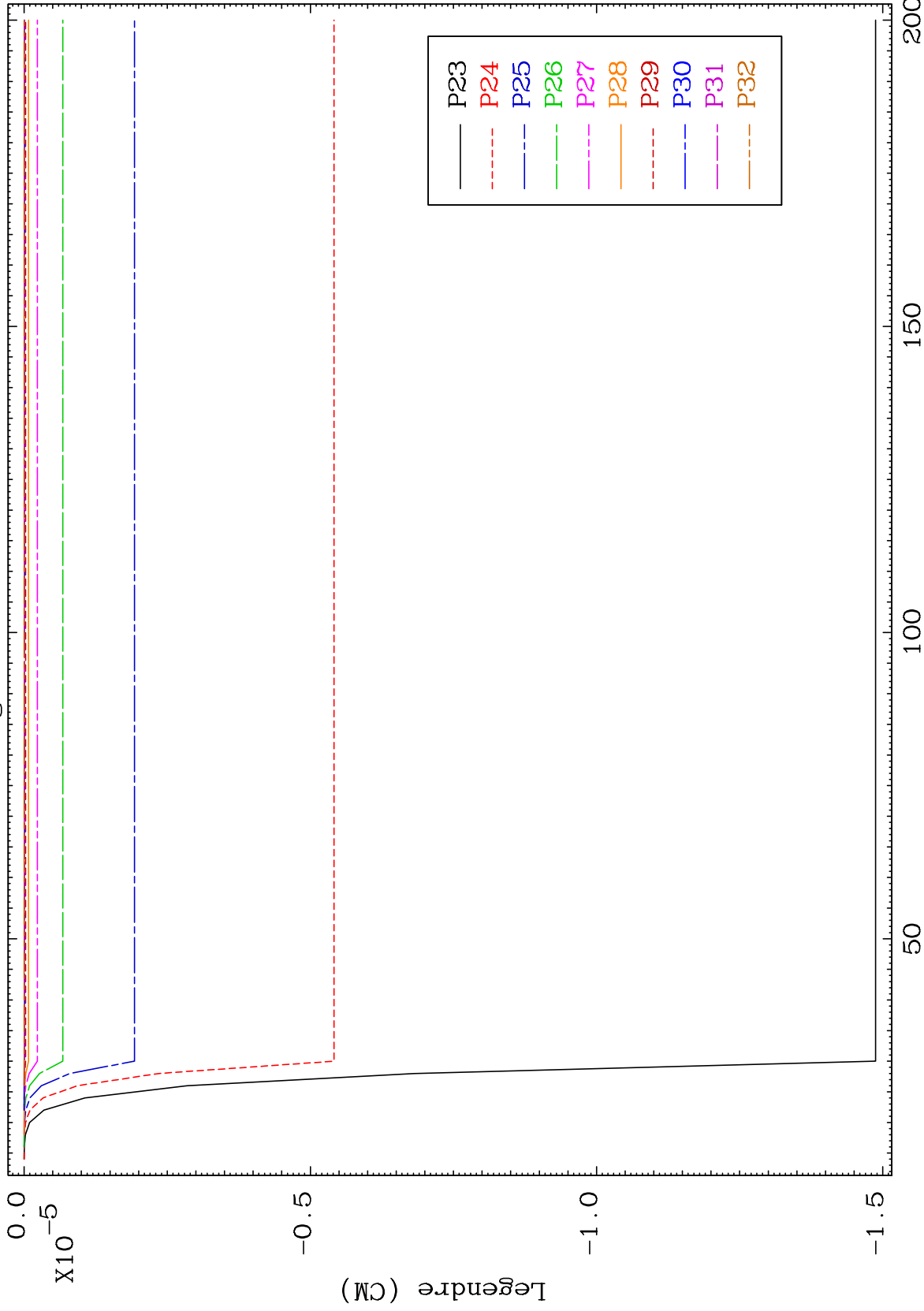
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

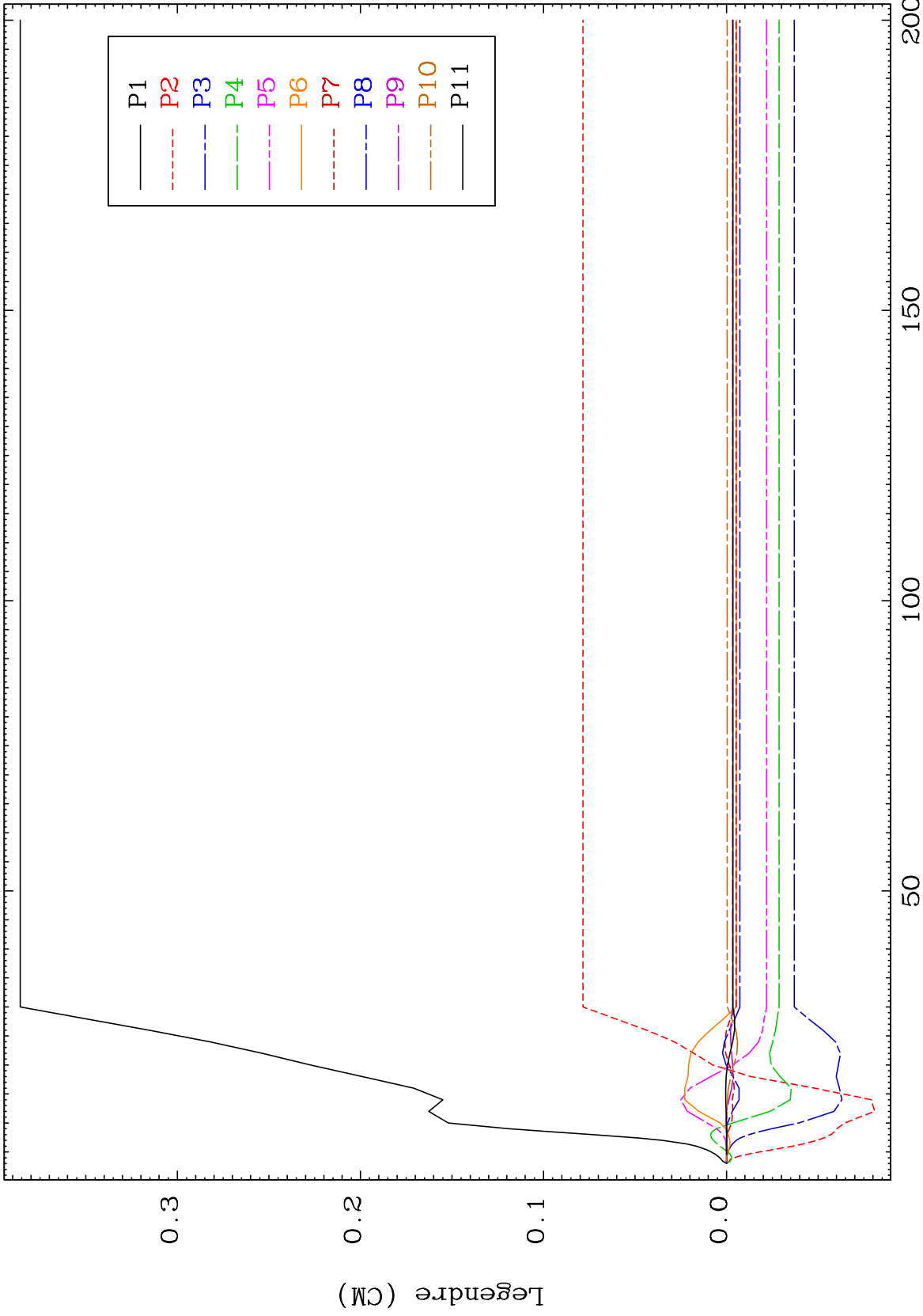
Incident Energy (MeV)

91

MAT 3243

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

32-Ge-76



92

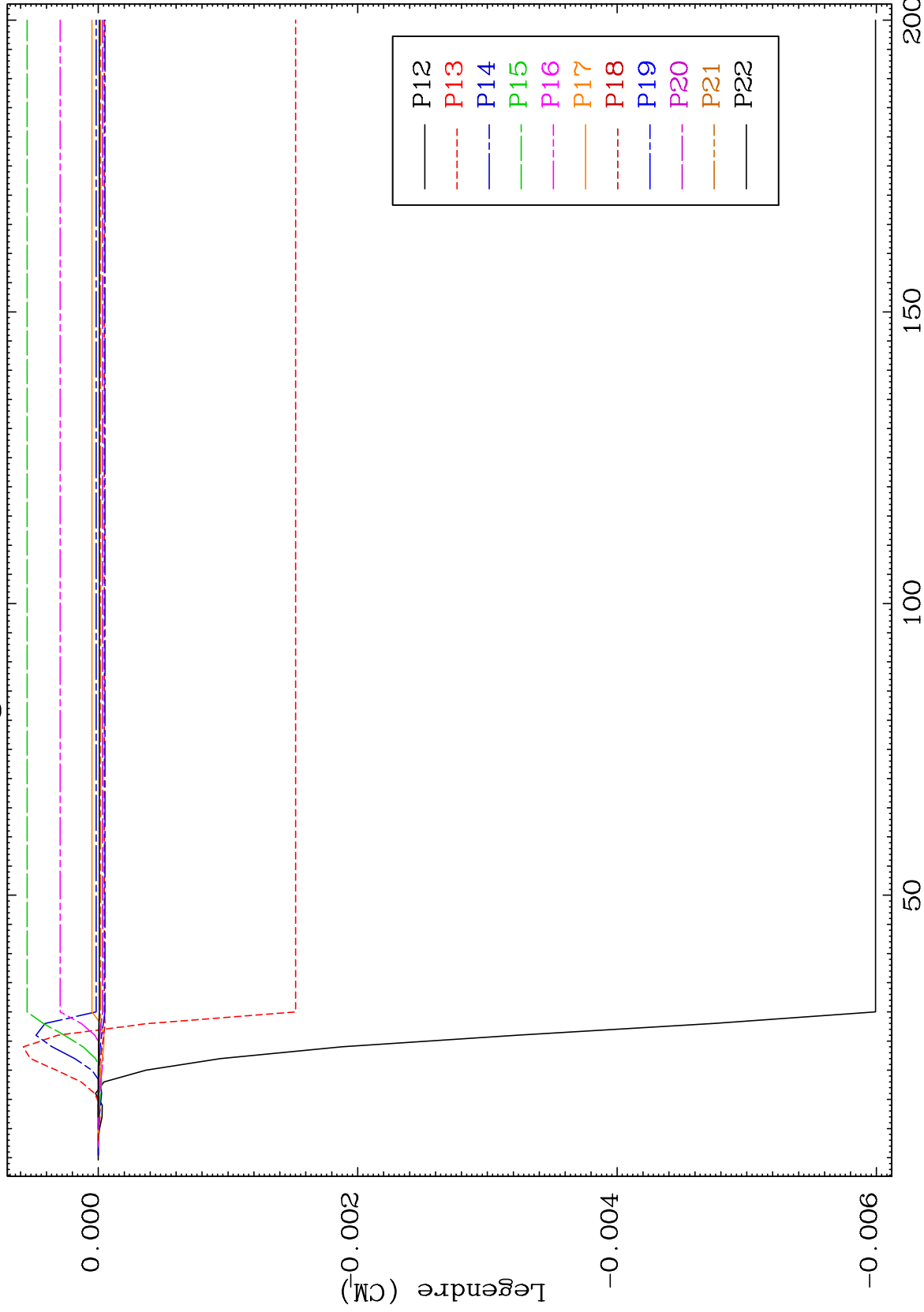
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



93

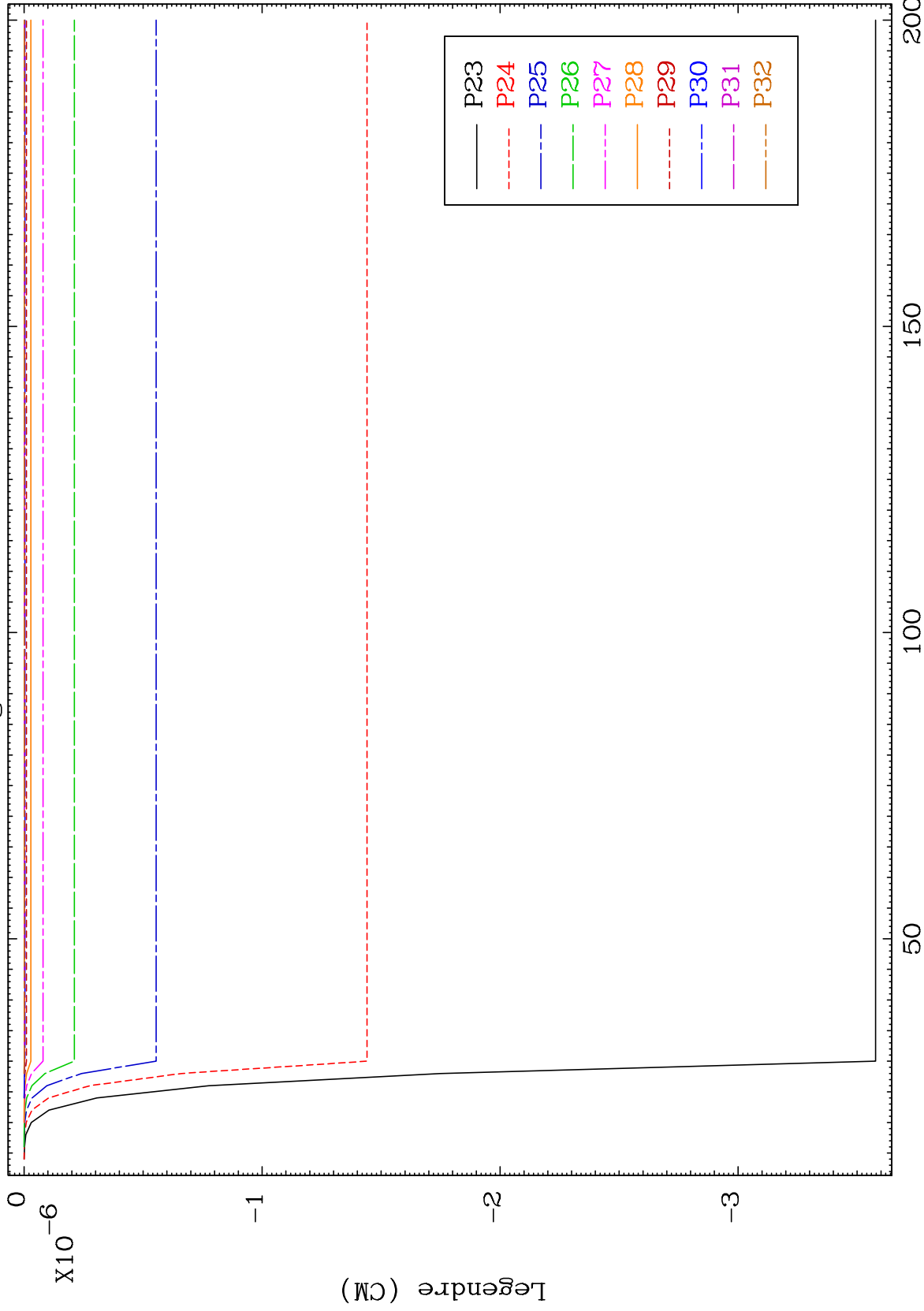
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



94

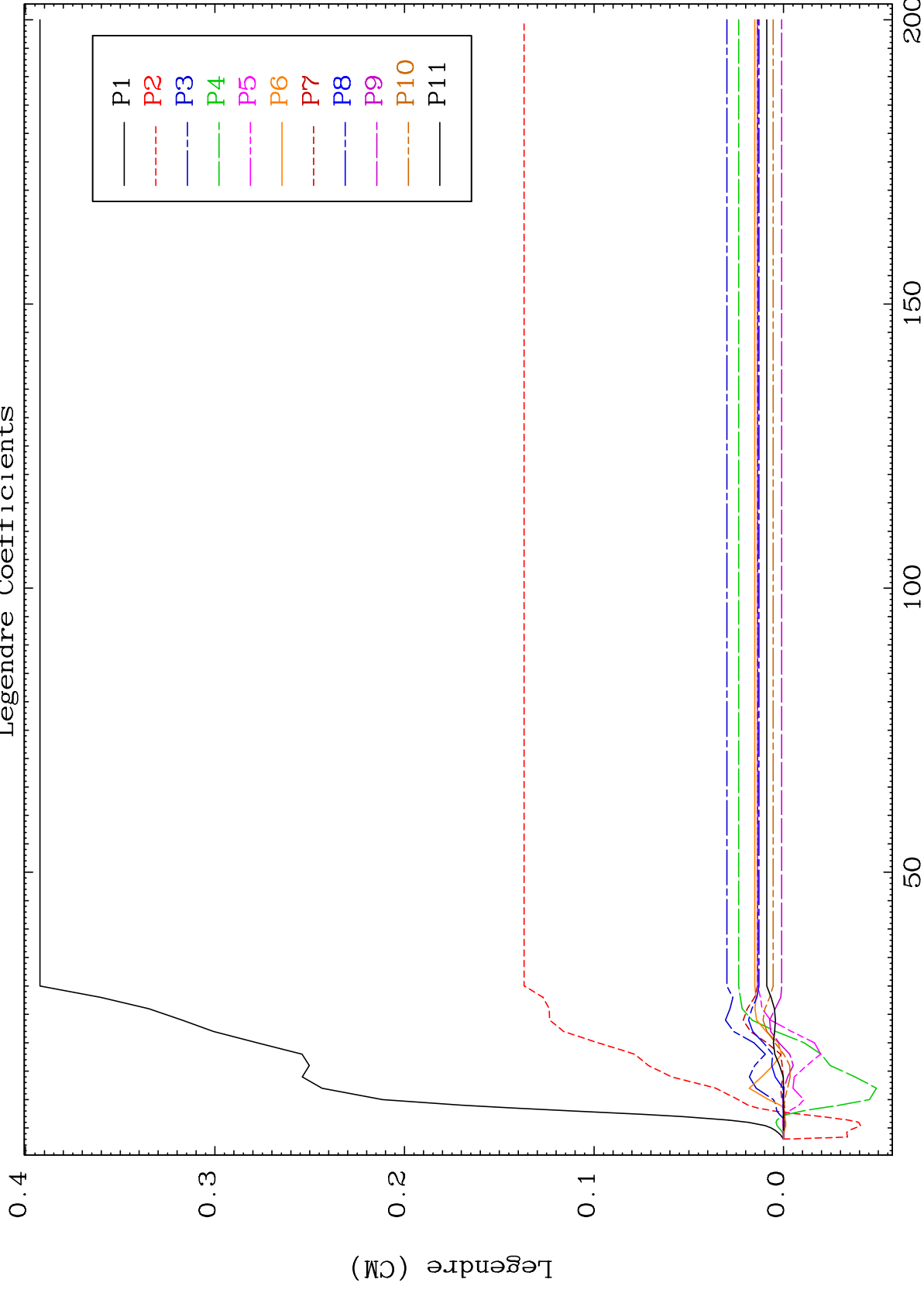
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

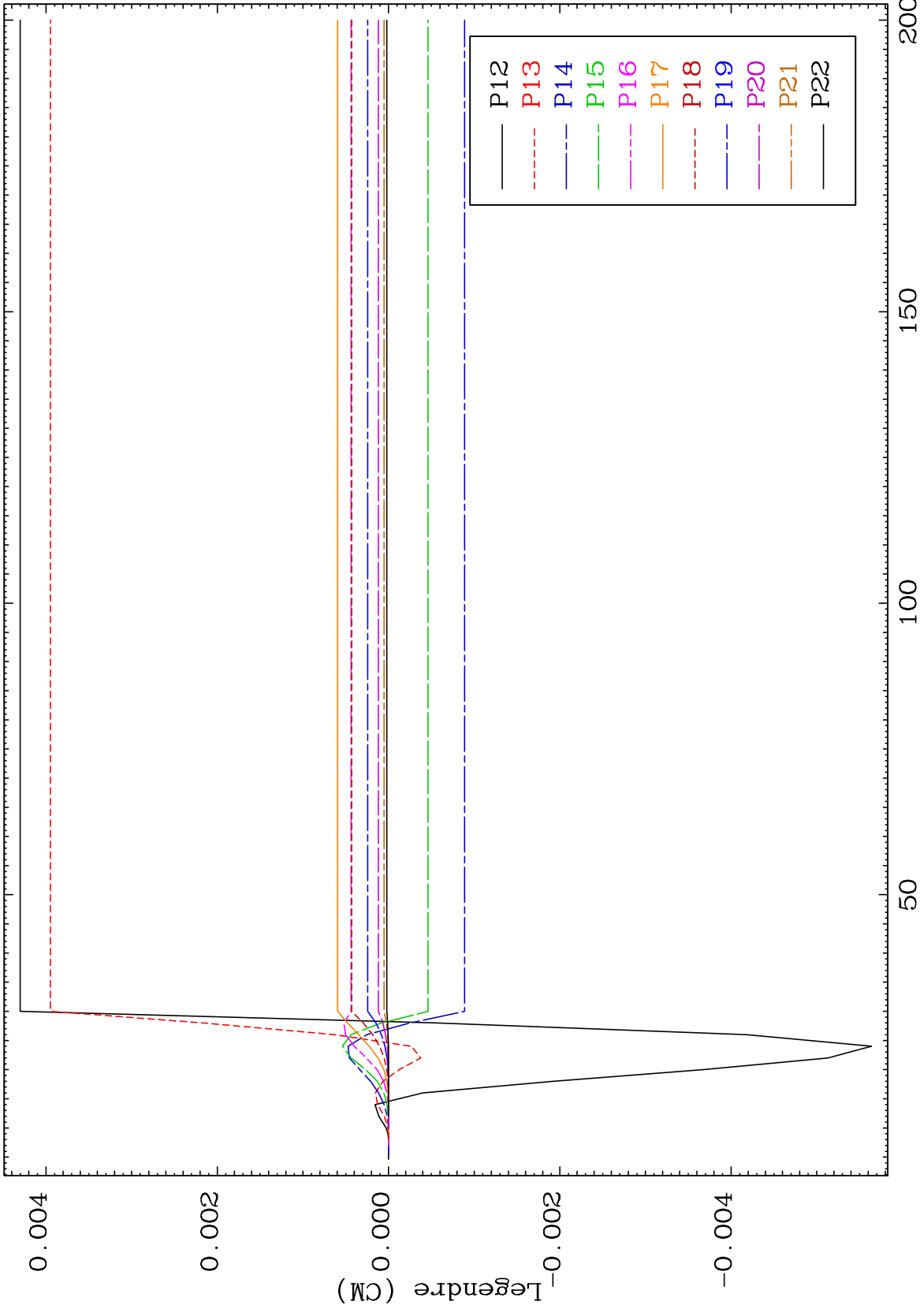
Incident Energy (MeV)

95

MAT 3243

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

32-Ge-76



96

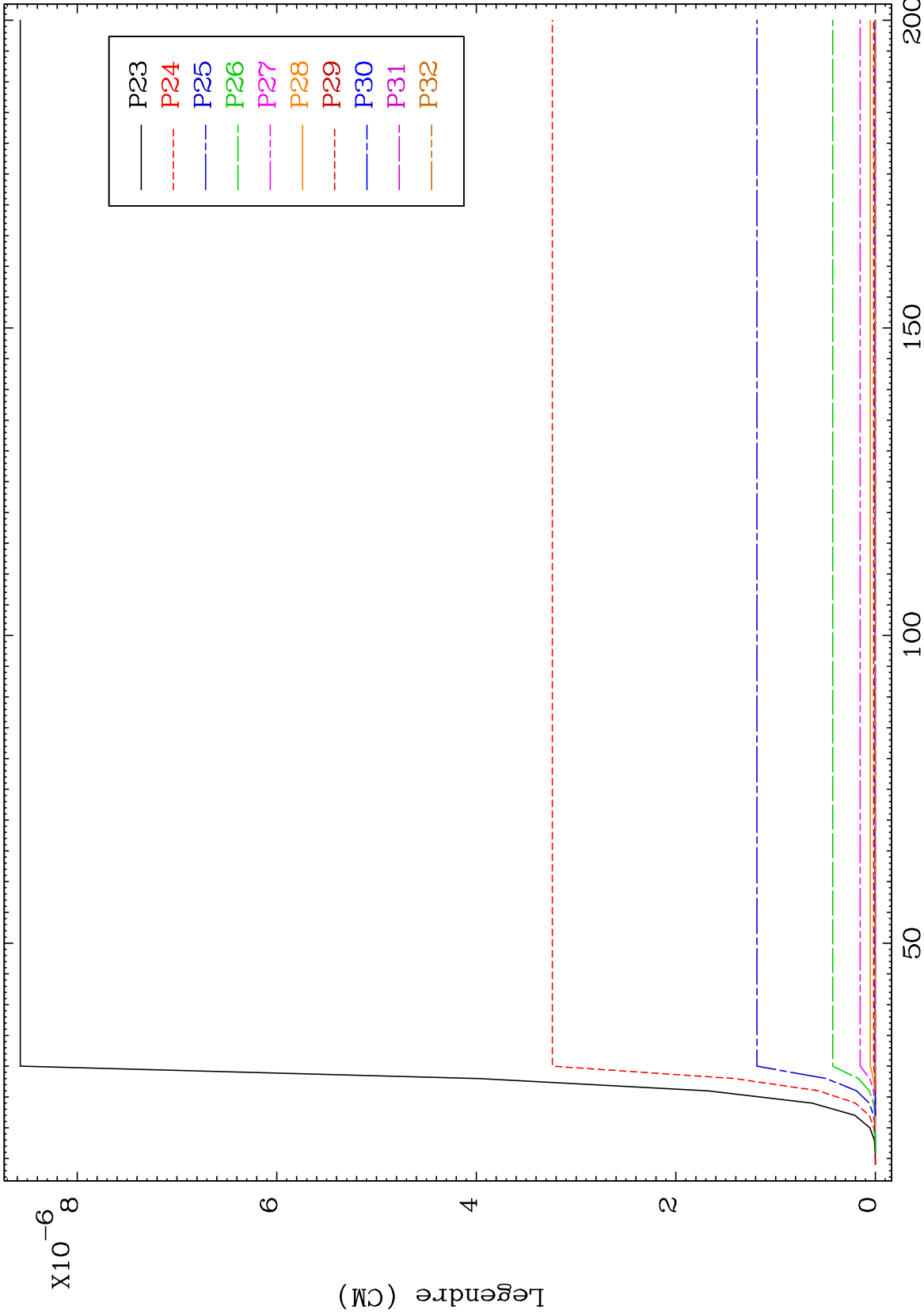
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

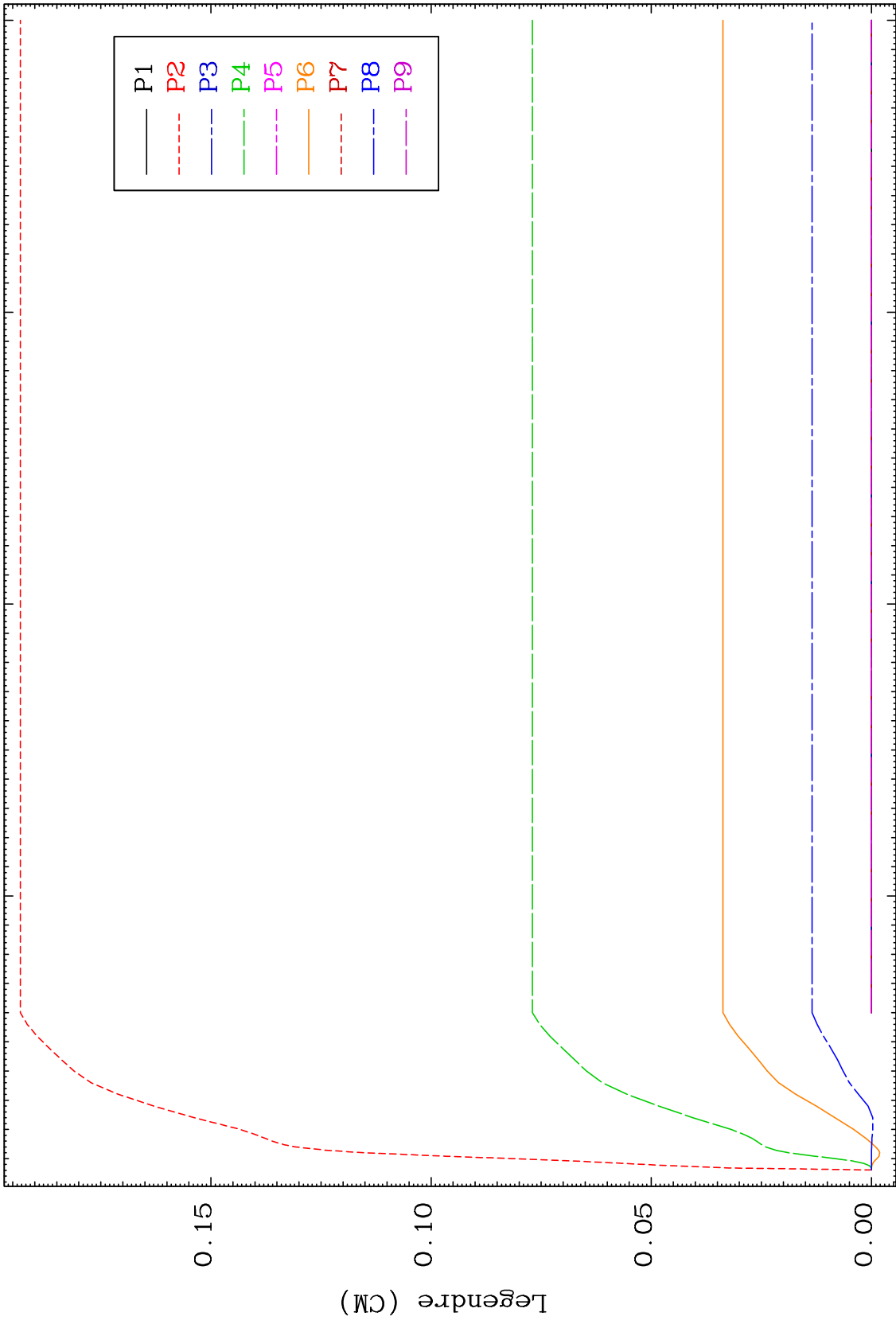


97

Incident Energy (MeV)

32-Ge-76

MAT 3243 MT= 76 (n,n') Level Legendre Coefficients 32-Ge-76

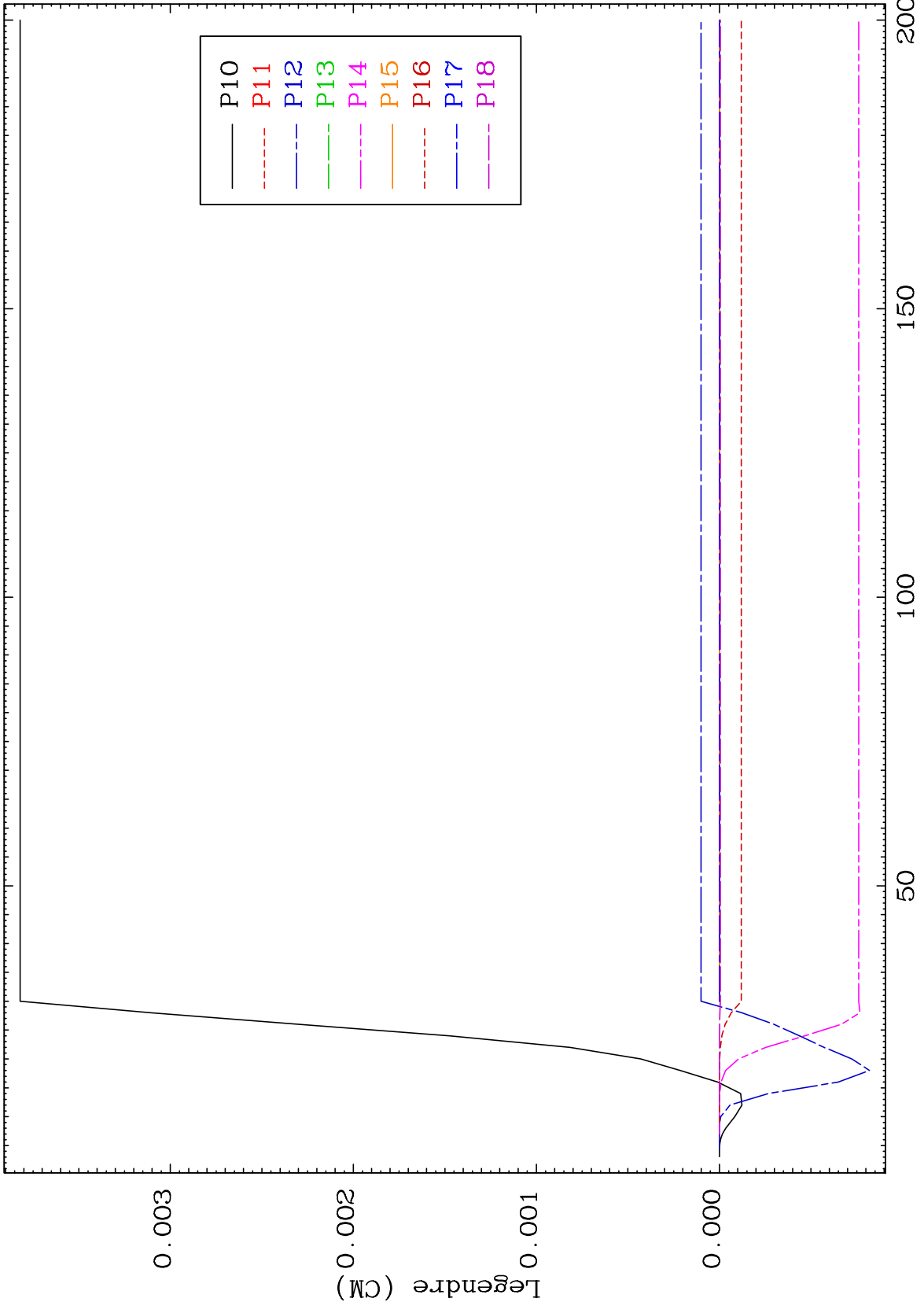


98 Incident Energy (MeV) 32-Ge-76

MAT 3243

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

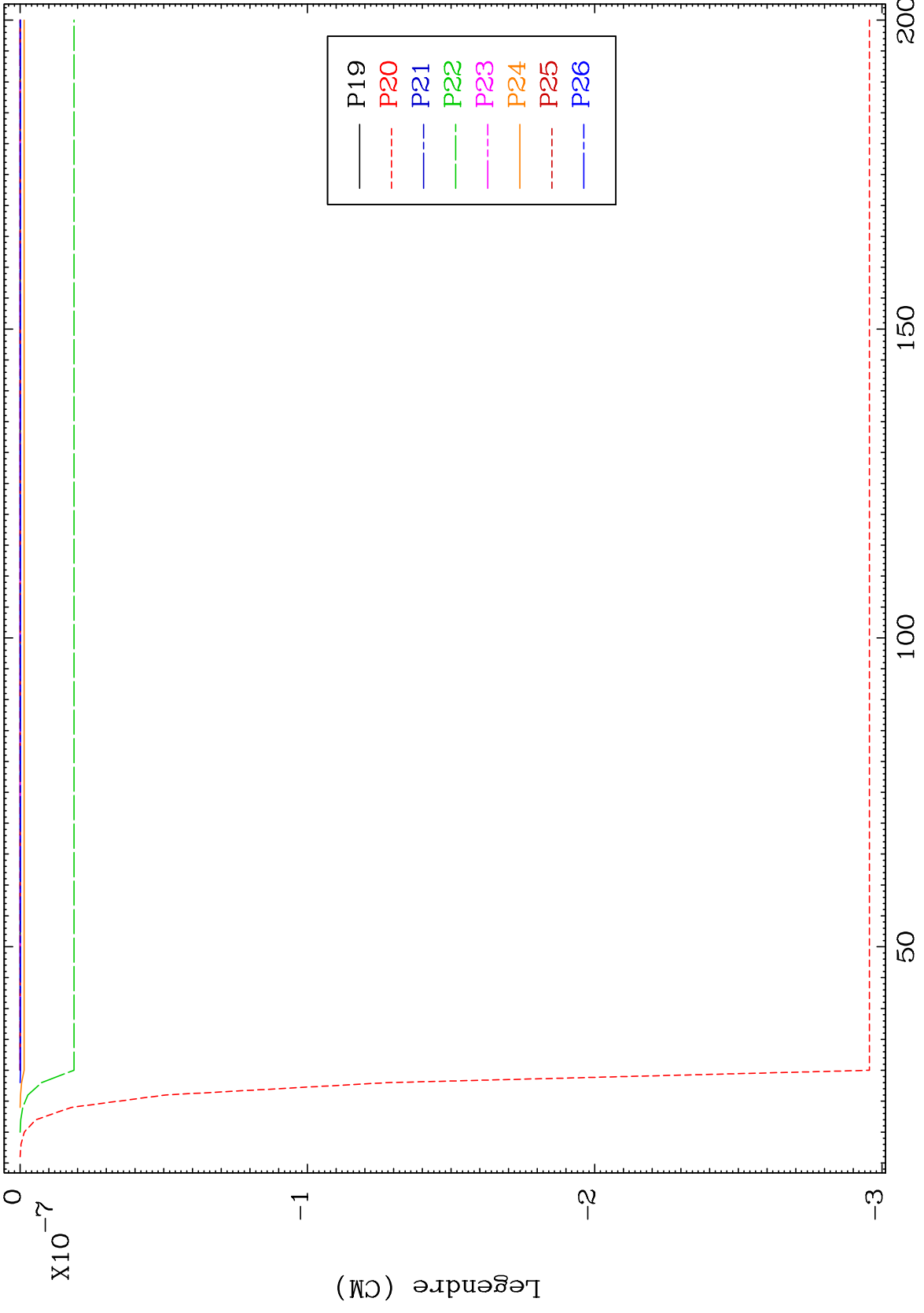
32-Ge-76



99

32-Ge-76

MAT 3243 MT= 76 (n,n') Level Legendre Coefficients 32-Ge-76

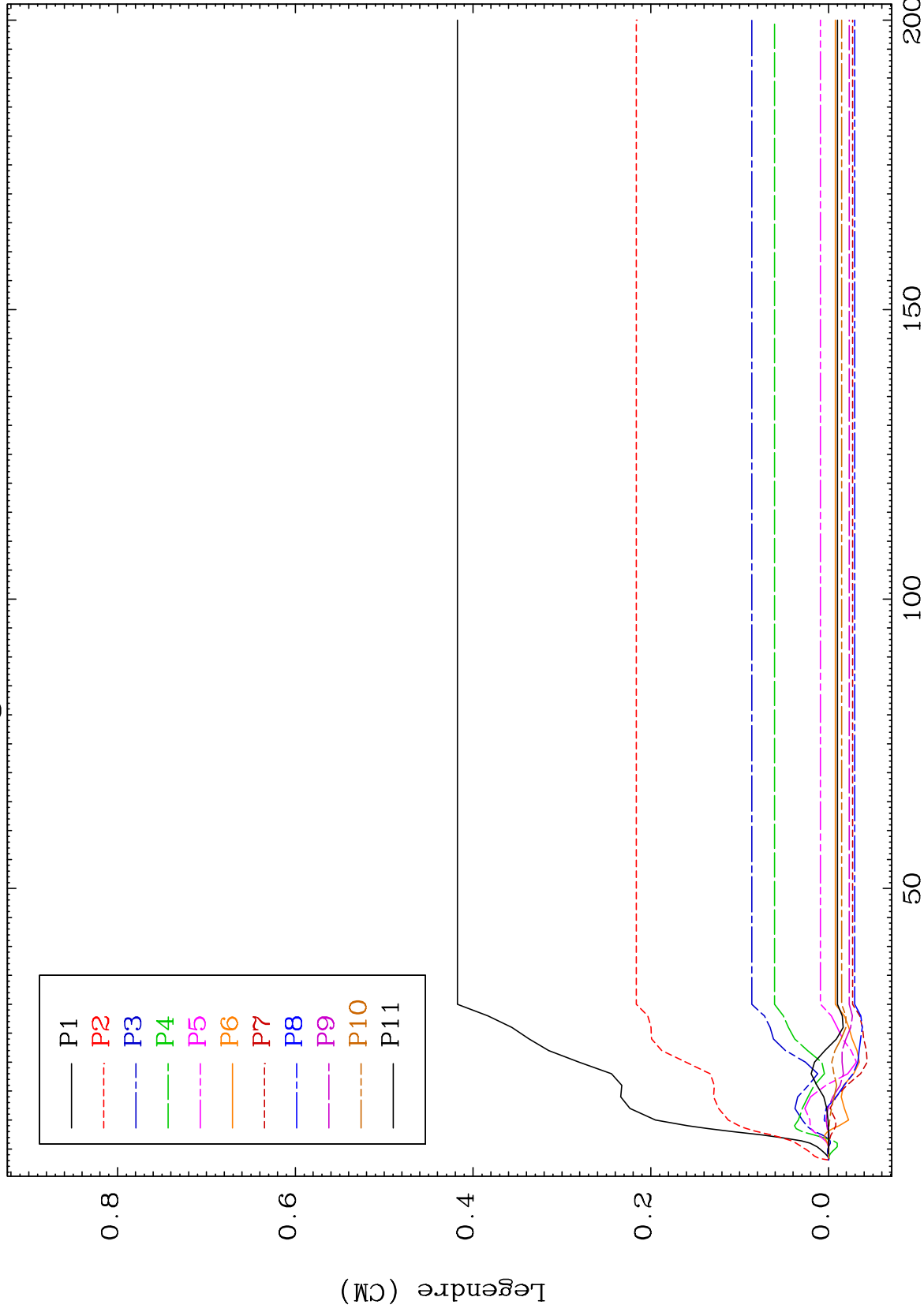


Incident Energy (MeV) 32-Ge-76

MAT 3243

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

32-Ge-76



101

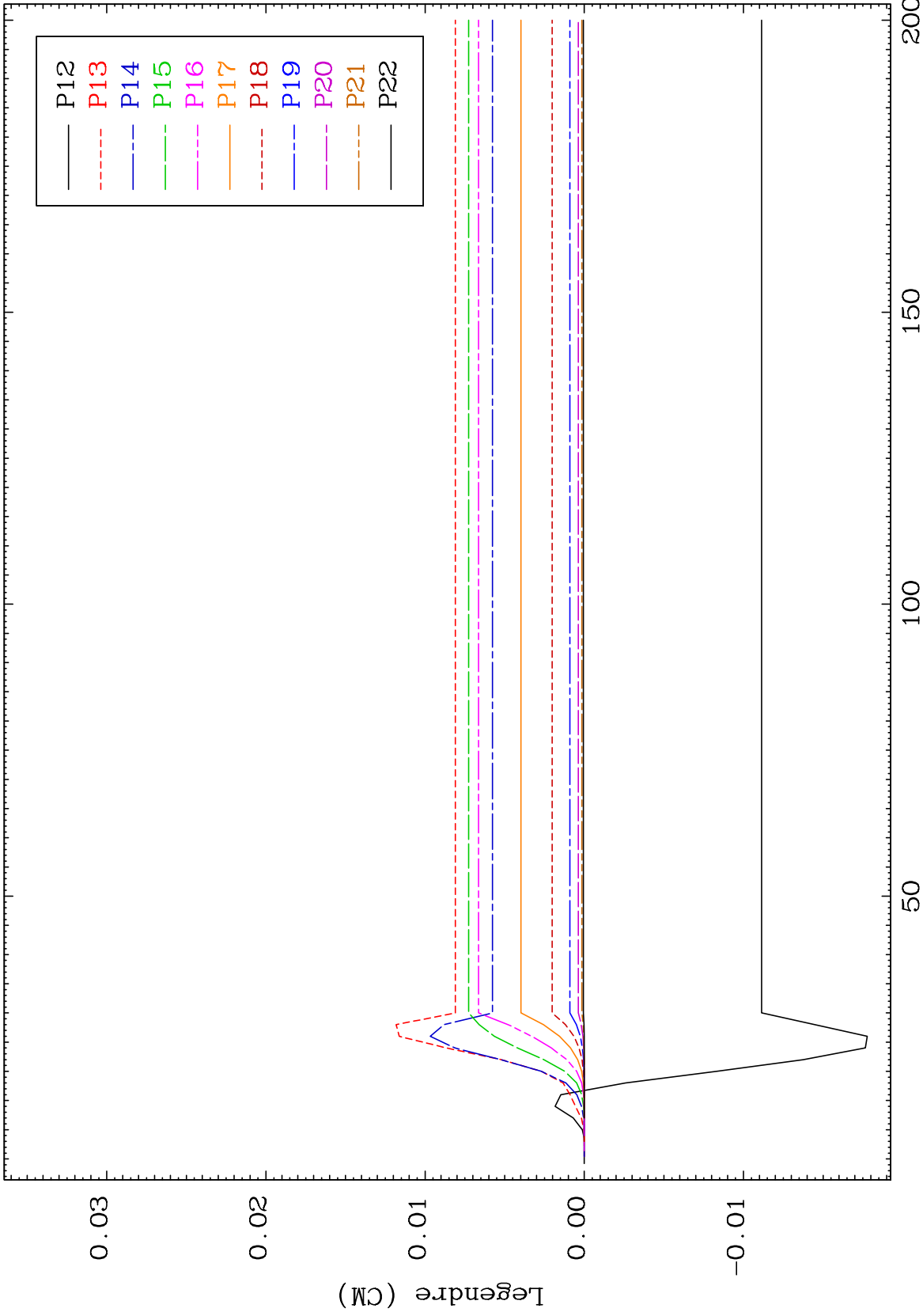
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



102

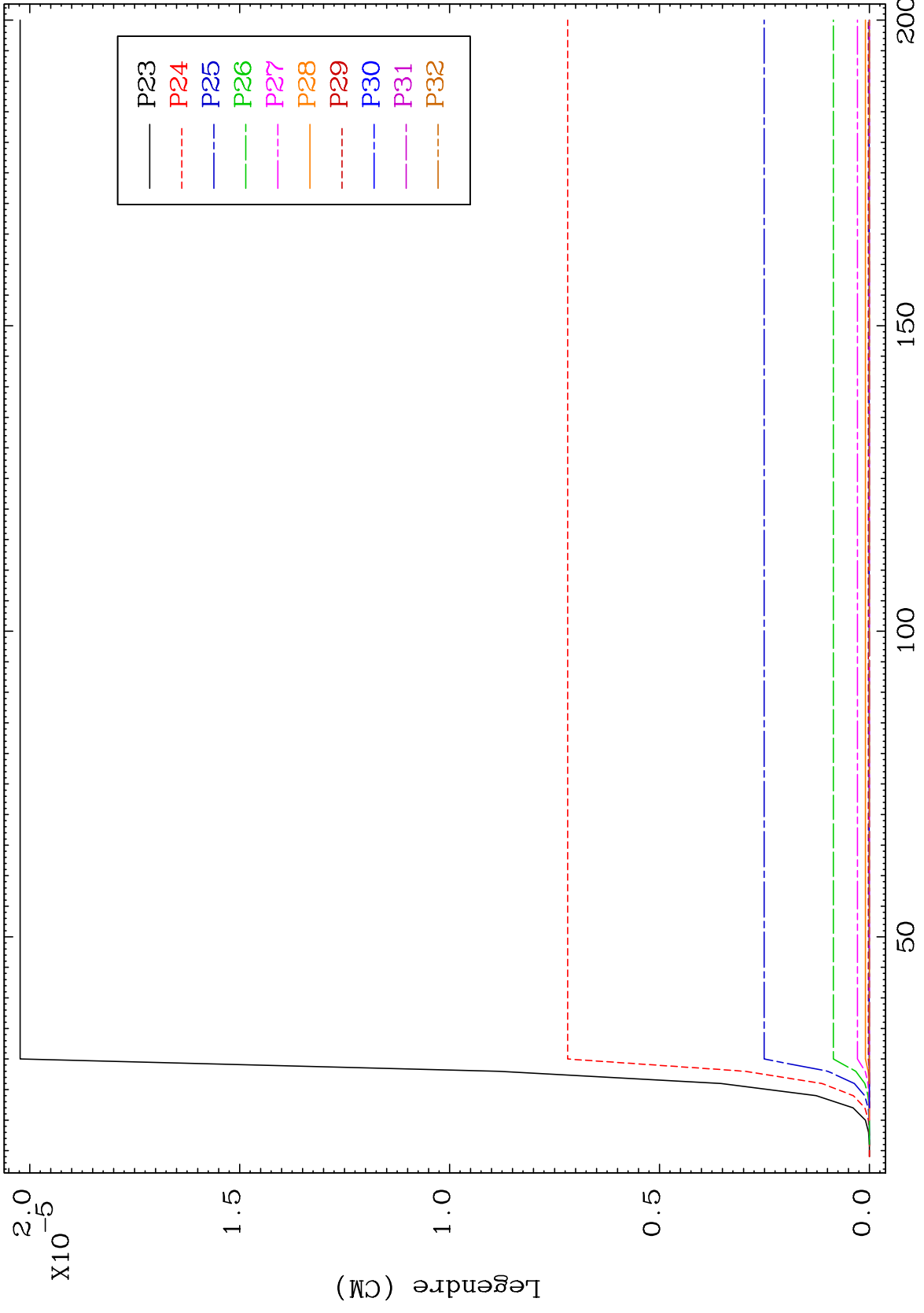
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



103

Incident Energy (MeV)

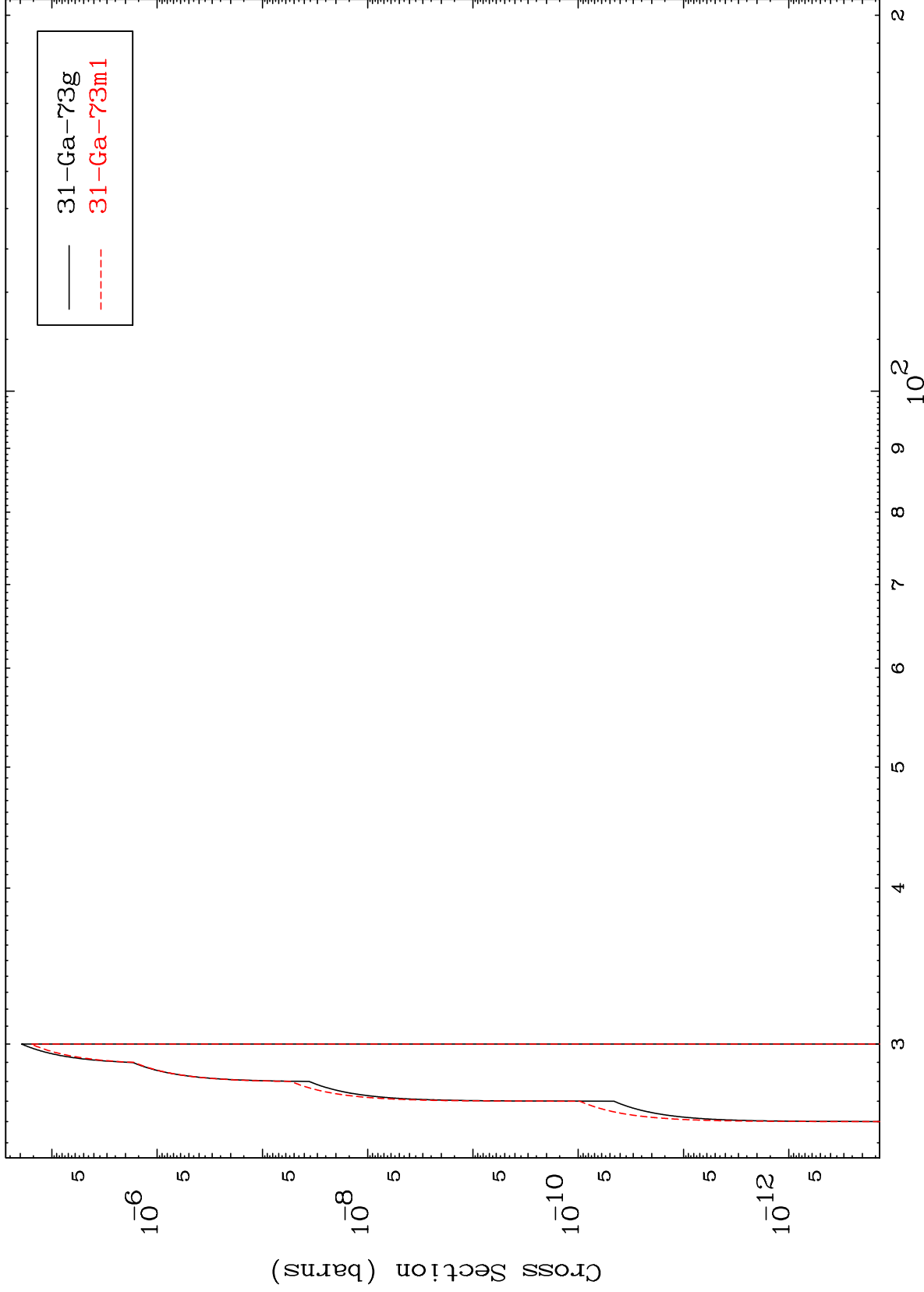
32-Ge-76

MAT 3243

(n,2n) d

32-Ge-76

Radionuclide Production Cross Section



104

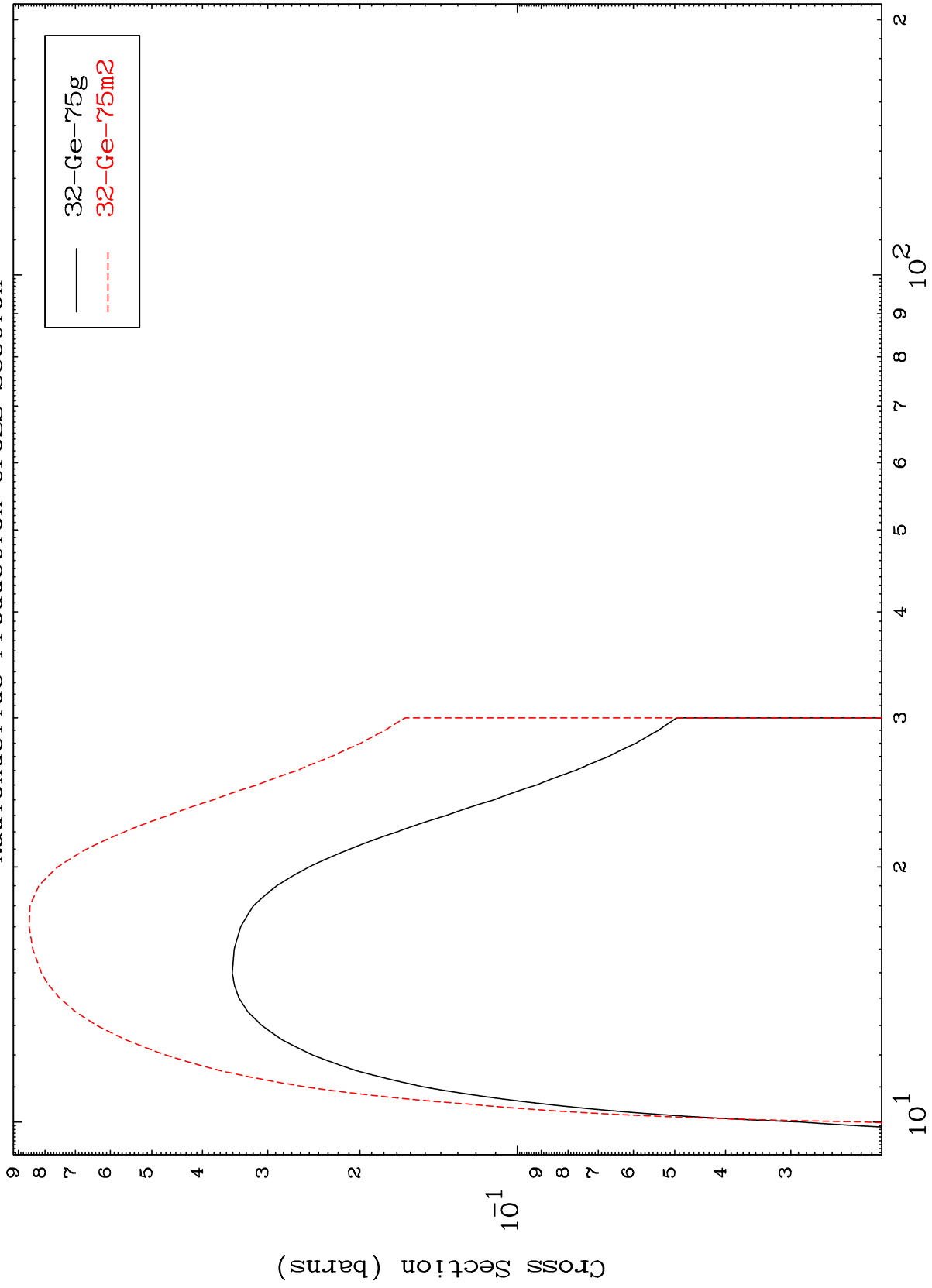
Incident Energy (MeV)

32-Ge-76

MAT 3243

³²Ge-76

(n,2n)
Radionuclide Production Cross Section



³²Ge-76

Incident Energy (MeV)

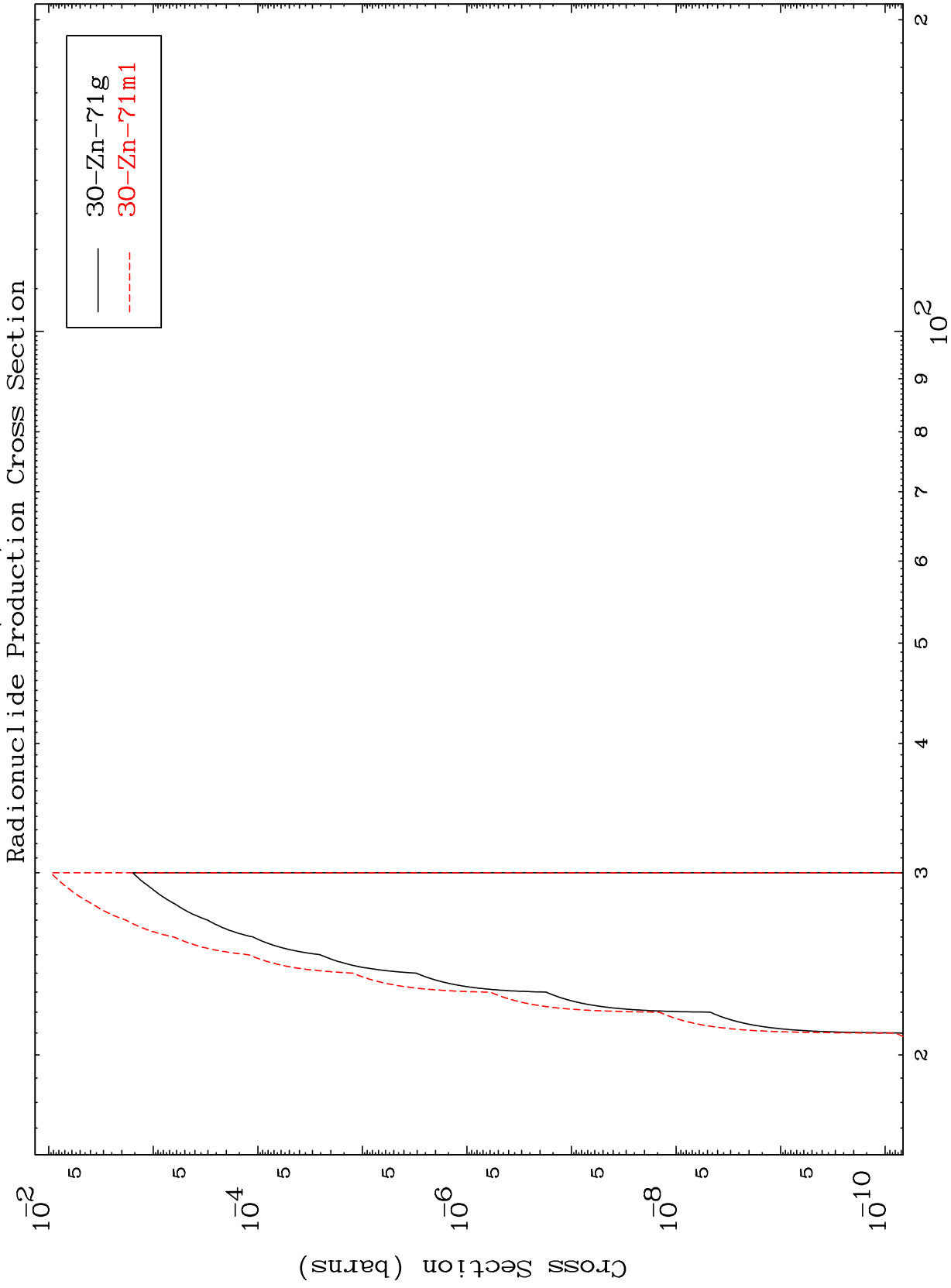
10¹

10²

MAT 3243

(n,2n) α

32-Ge-76



106

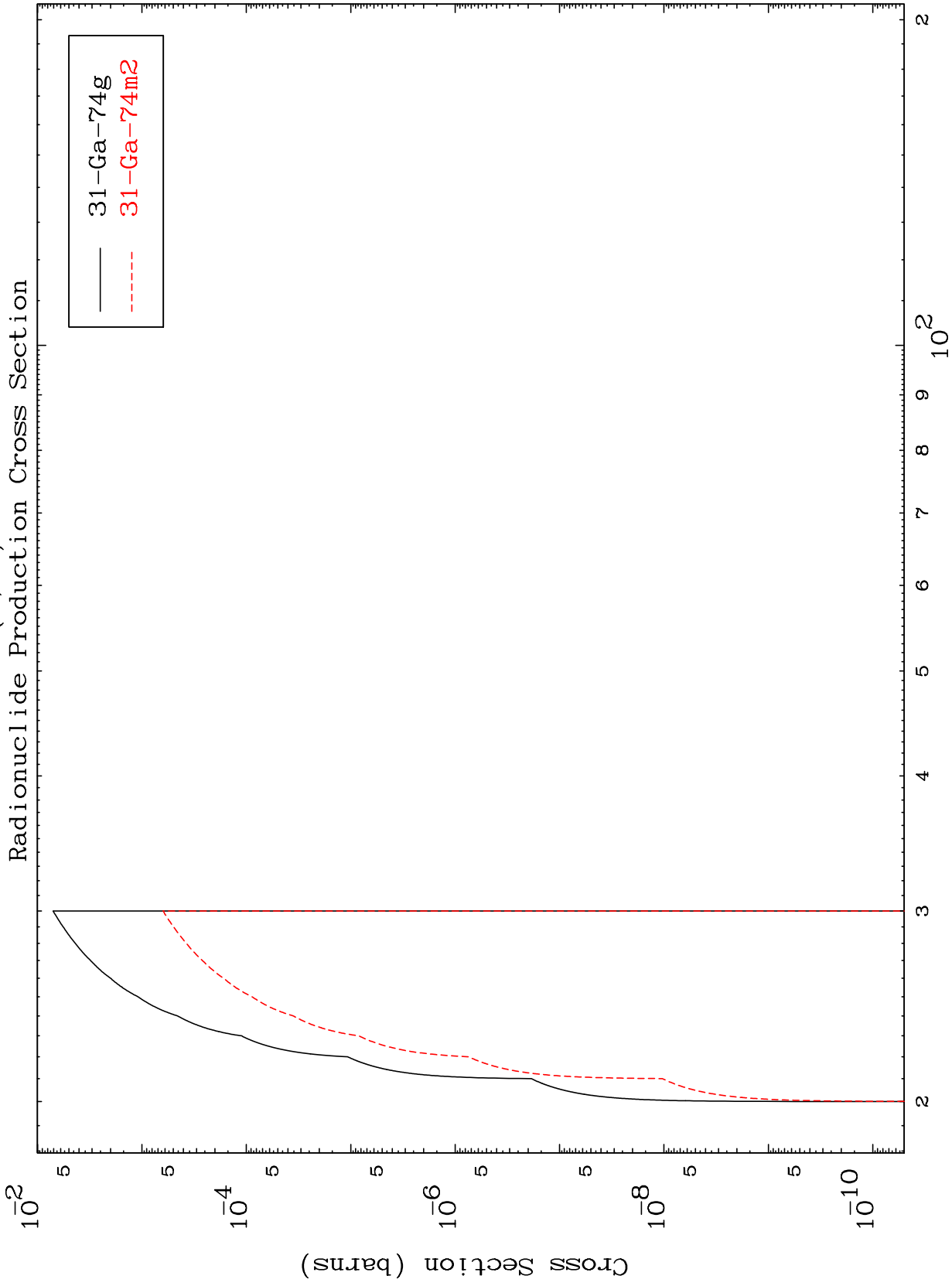
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,n') d

32-Ge-76



107

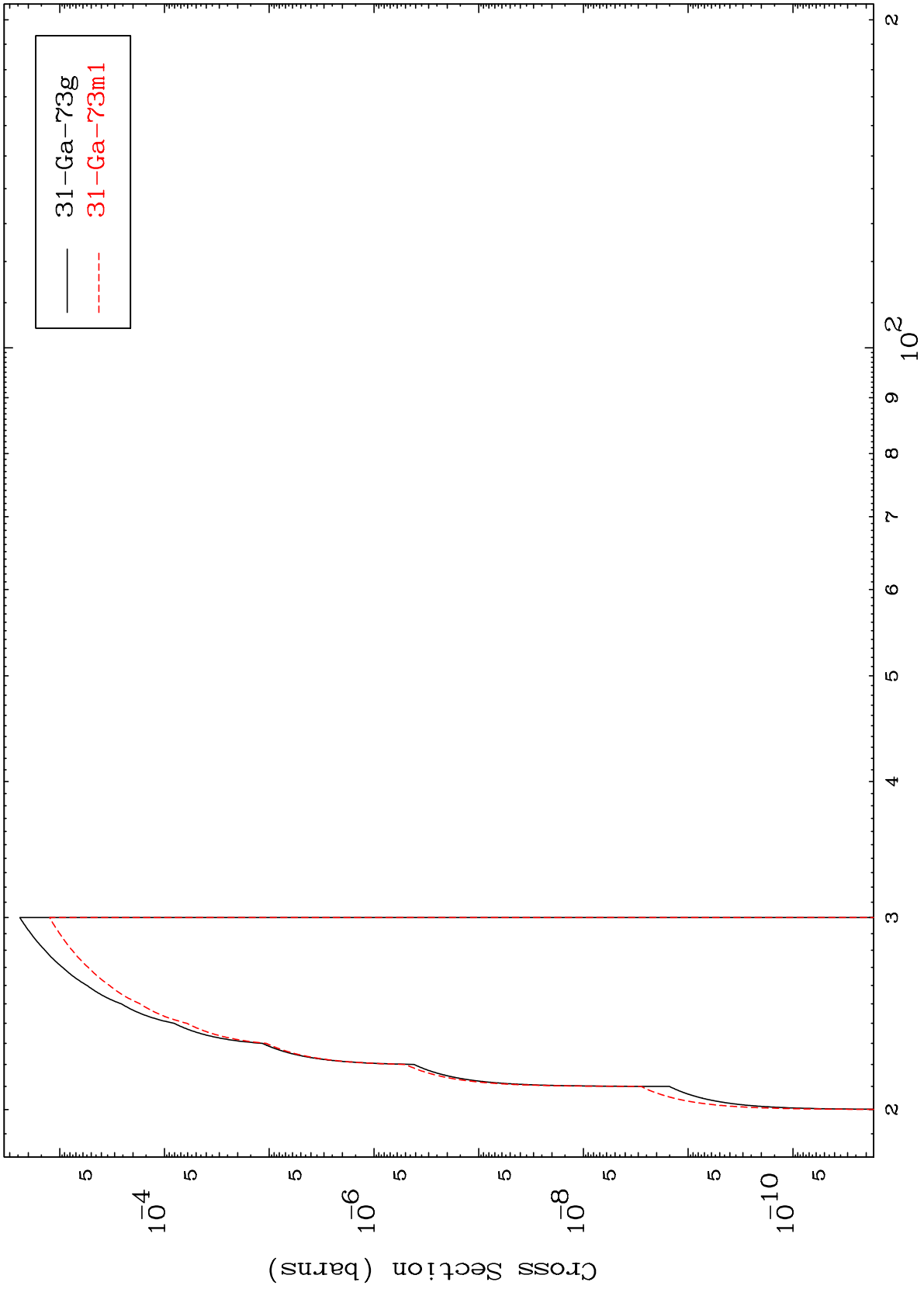
32-Ge-76

MAT 3243

(n,n') t

32-Ge-76

Radionuclide Production Cross Section



108

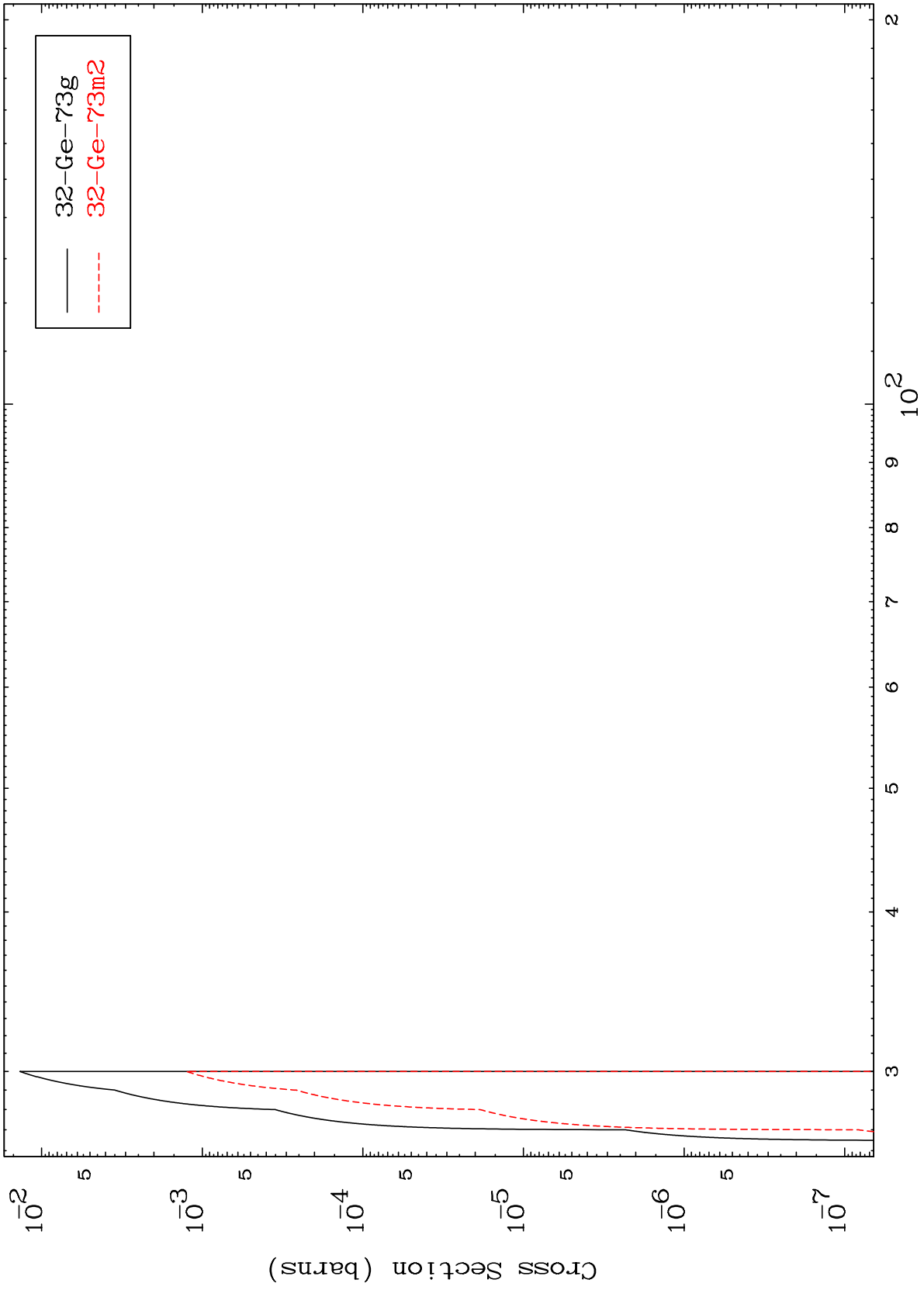
Incident Energy (MeV)

32-Ge-76

MAT 3243

32-Ge-76

(n,4n)
Radionuclide Production Cross Section



109

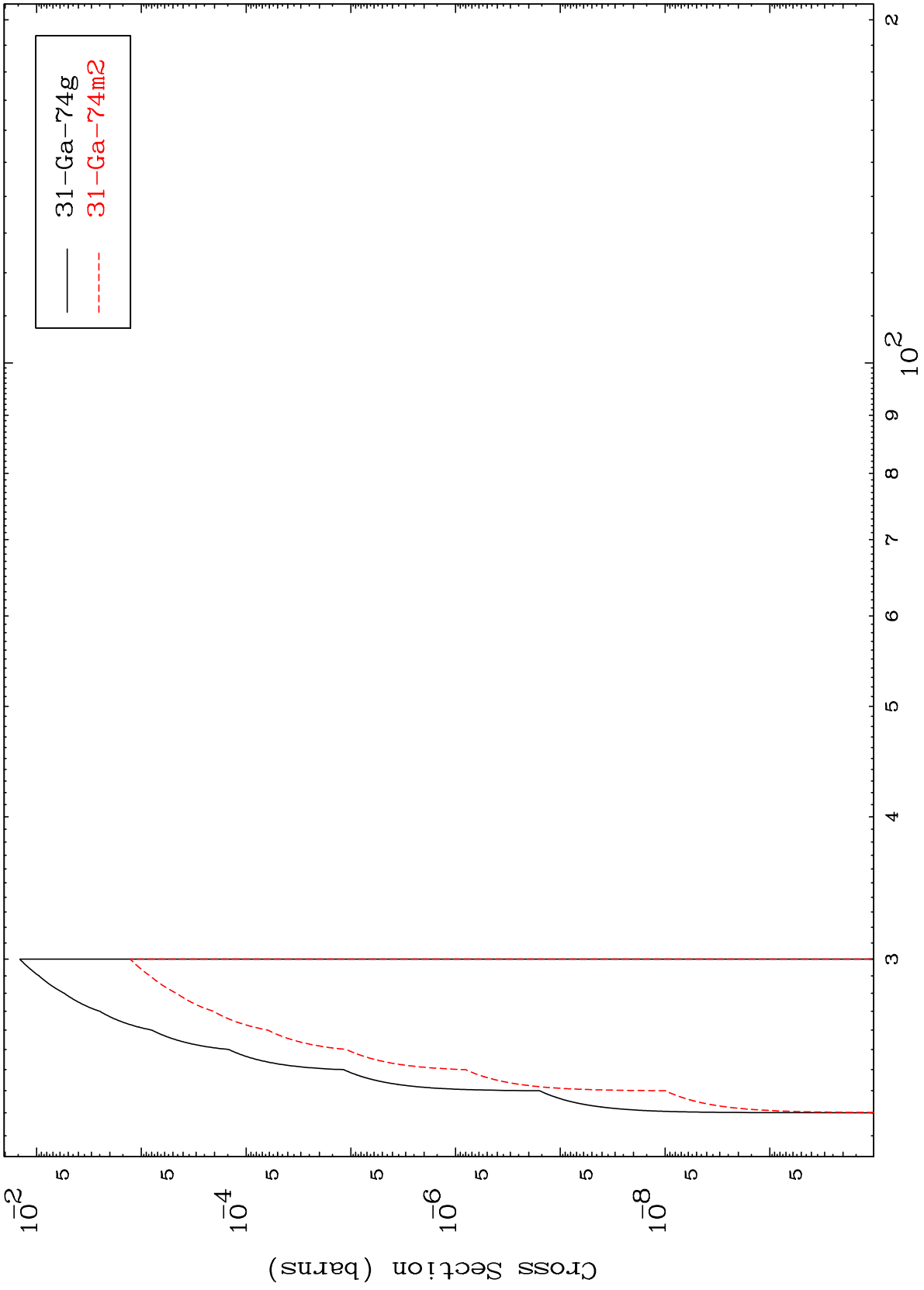
32-Ge-76

MAT 3243

(n,2n) p

³²Ge-⁷⁶

Radionuclide Production Cross Section



110

Incident Energy (MeV)

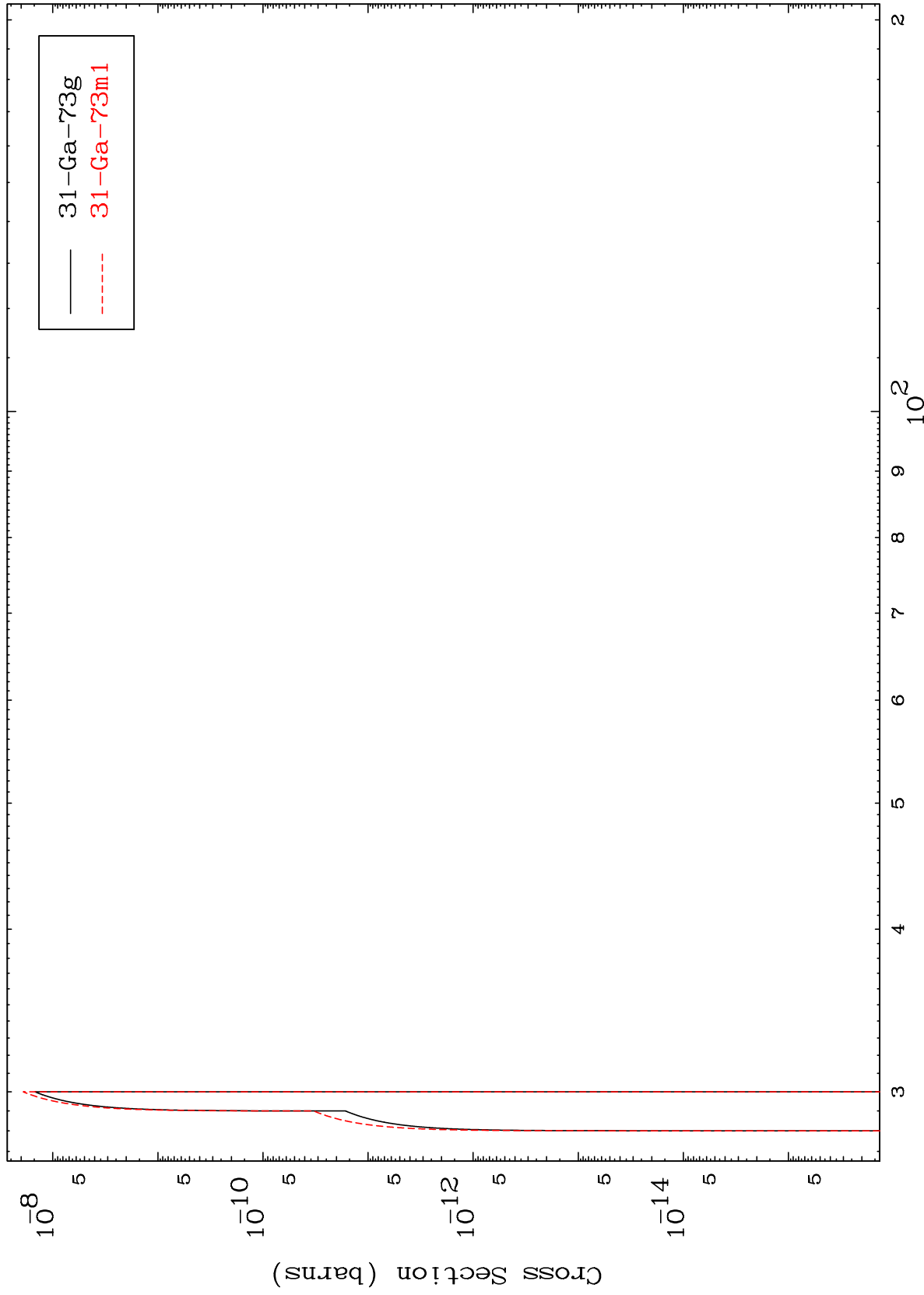
³²Ge-⁷⁶

MAT 3243

(n,3n) p

32-Ge-76

Radionuclide Production Cross Section



111

Incident Energy (MeV)

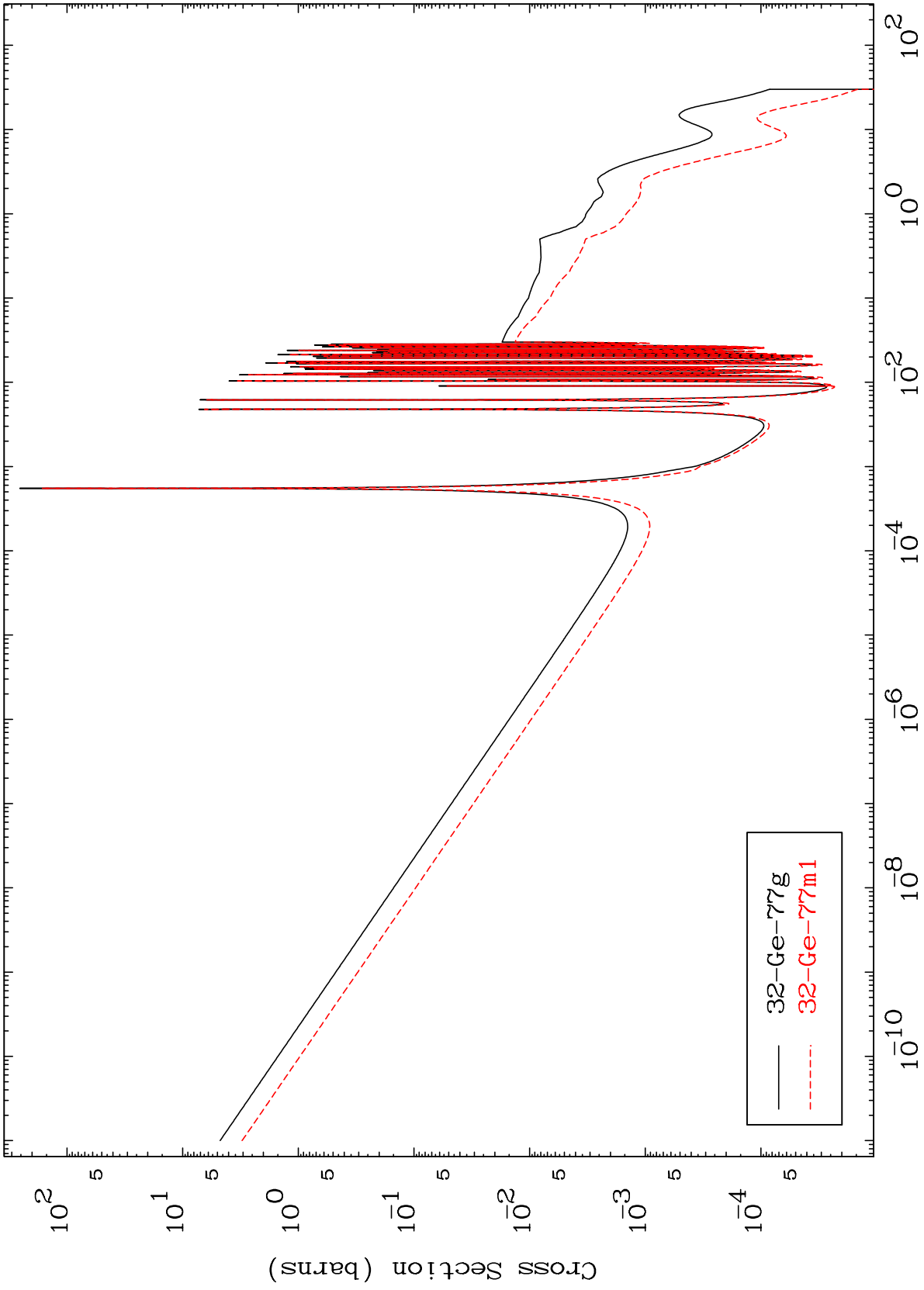
32-Ge-76

MAT 3243

³²Ge-76

Radionuclide Production Cross Section

(n,γ)



112

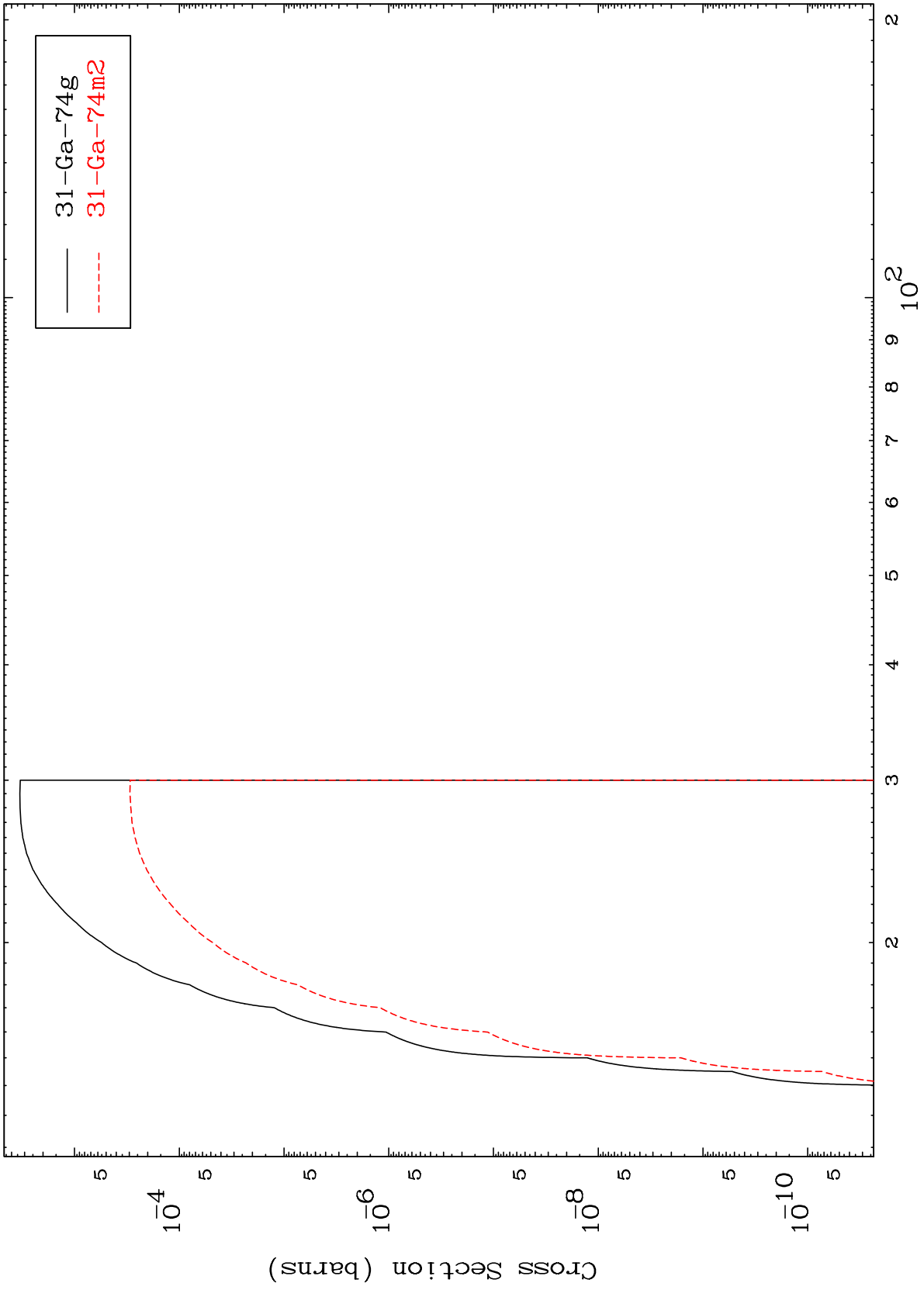
Incident Energy (MeV)

³²Ge-76

MAT 3243

32-Ge-76

(n, t)
Radionuclide Production Cross Section



113

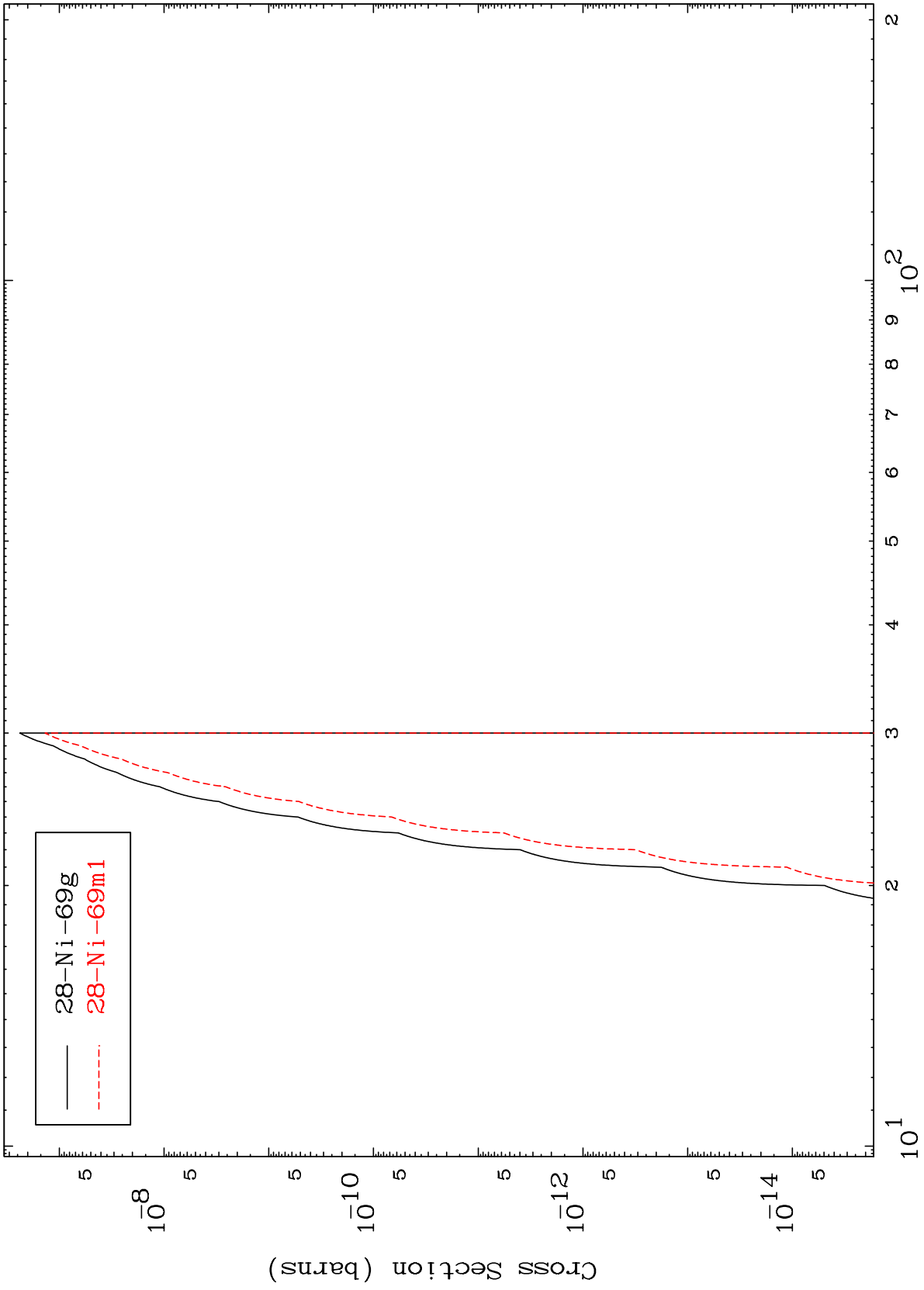
Incident Energy (MeV)

32-Ge-76

MAT 3243

32-Ge-76

(n,2α)
Radionuclide Production Cross Section



114

Incident Energy (MeV)

32-Ge-76