

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

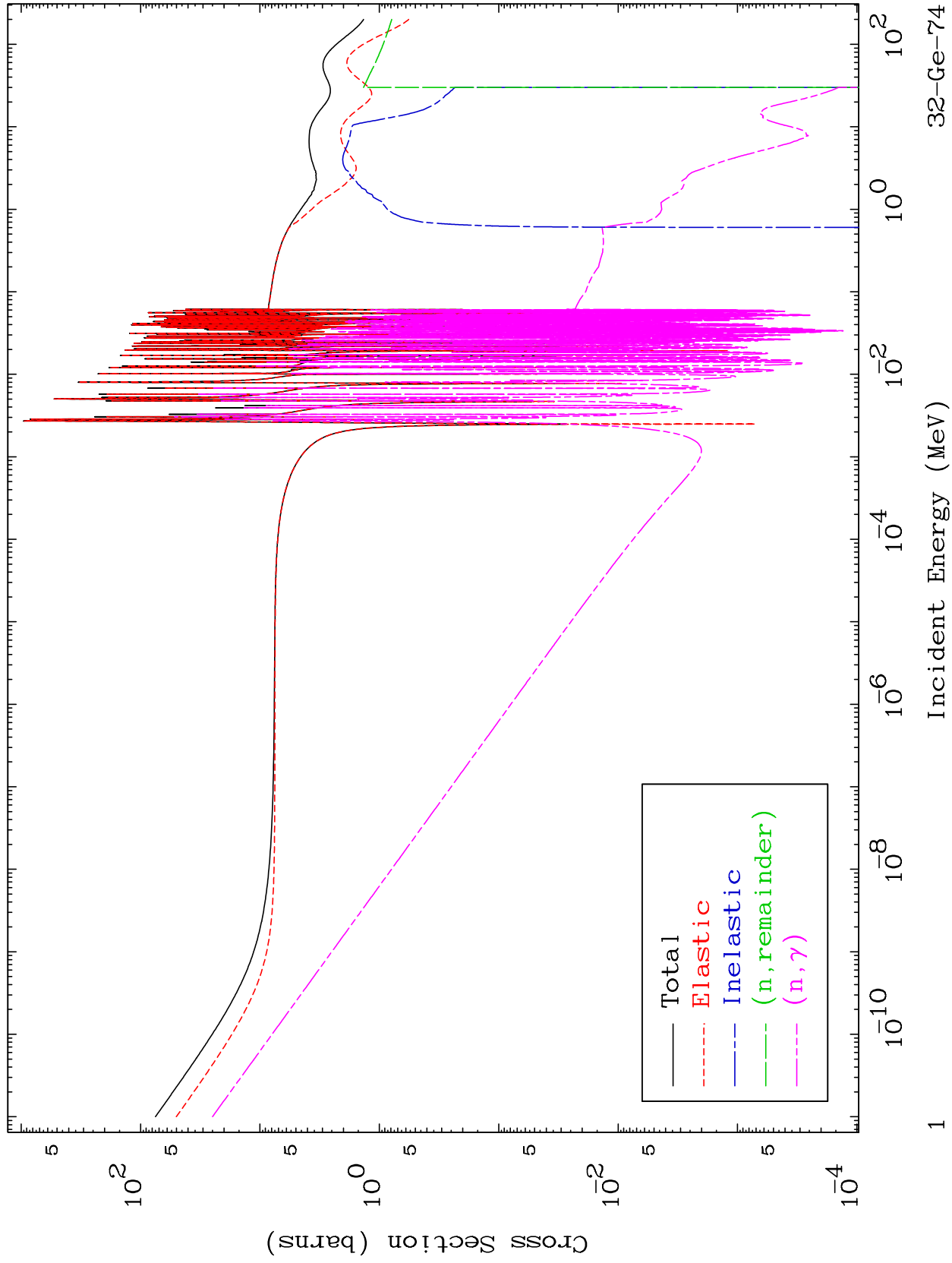
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3237

Major
293 Kelvin Cross Sections

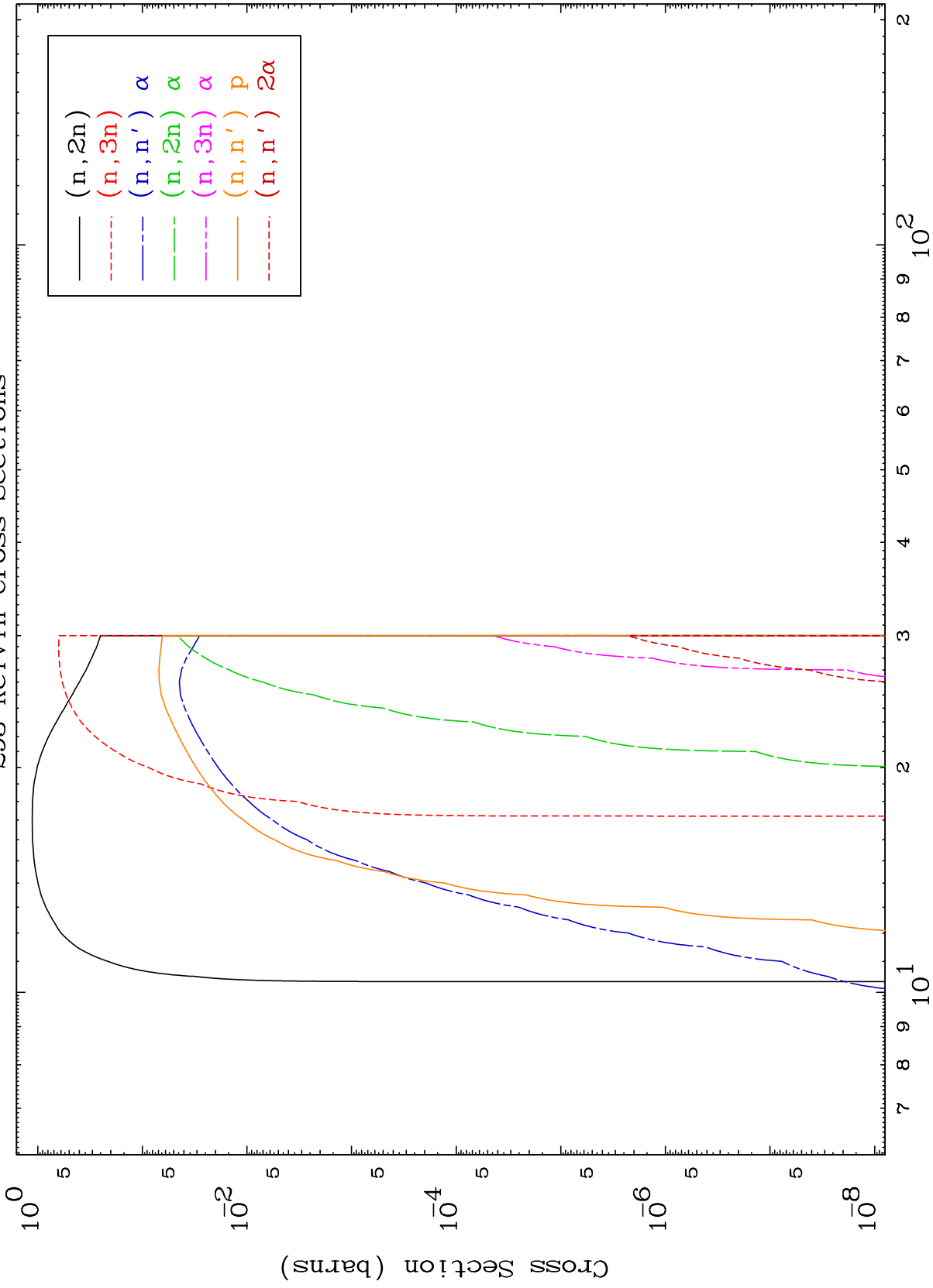
32-Ge-74



MAT 3237

Neutron Production
293 Kelvin Cross Sections

32-Ge-74



2

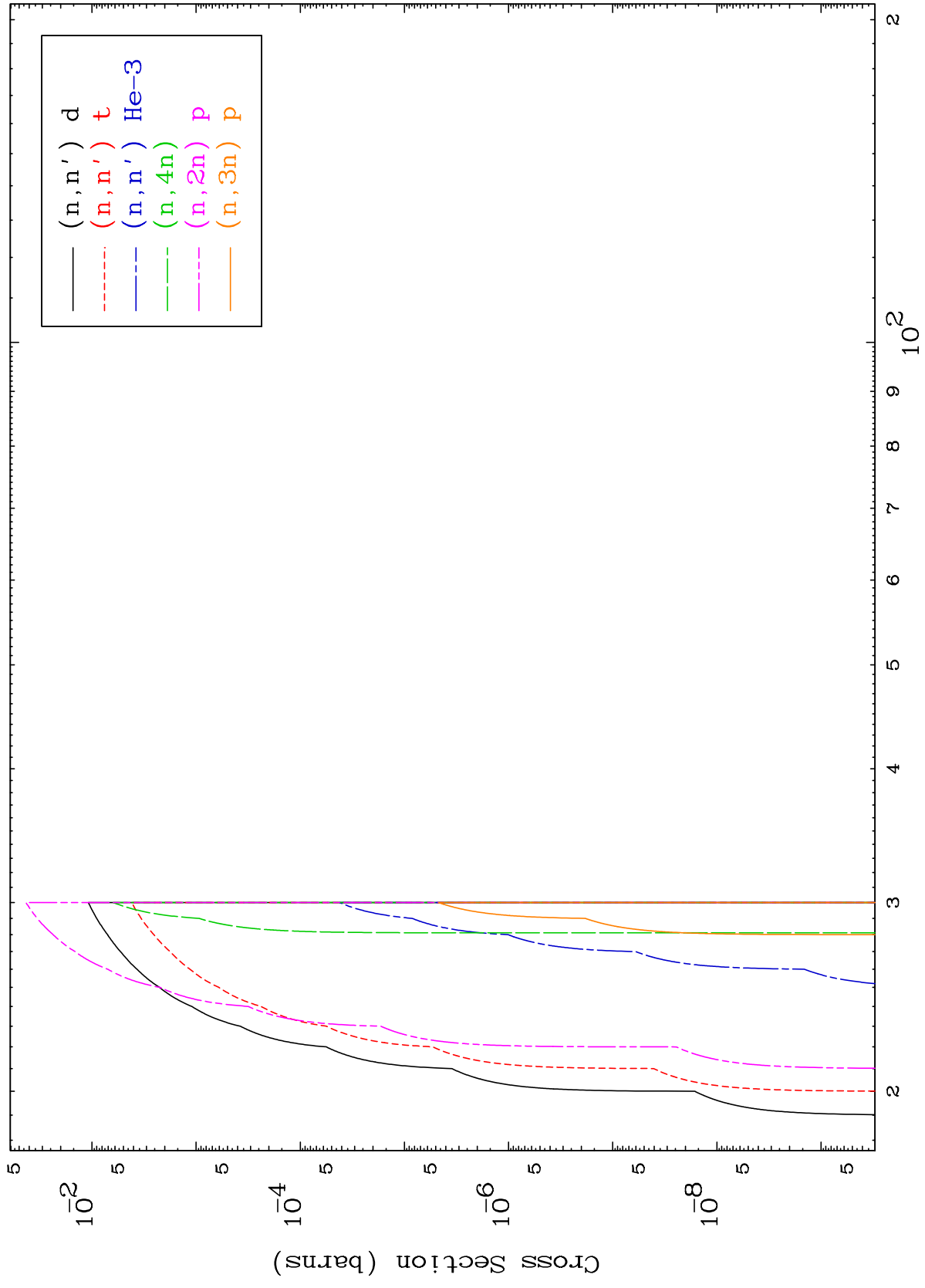
Incident Energy (MeV)

32-Ge-74

MAT 3237

Neutron Production
293 Kelvin Cross Sections

32-Ge-74



3

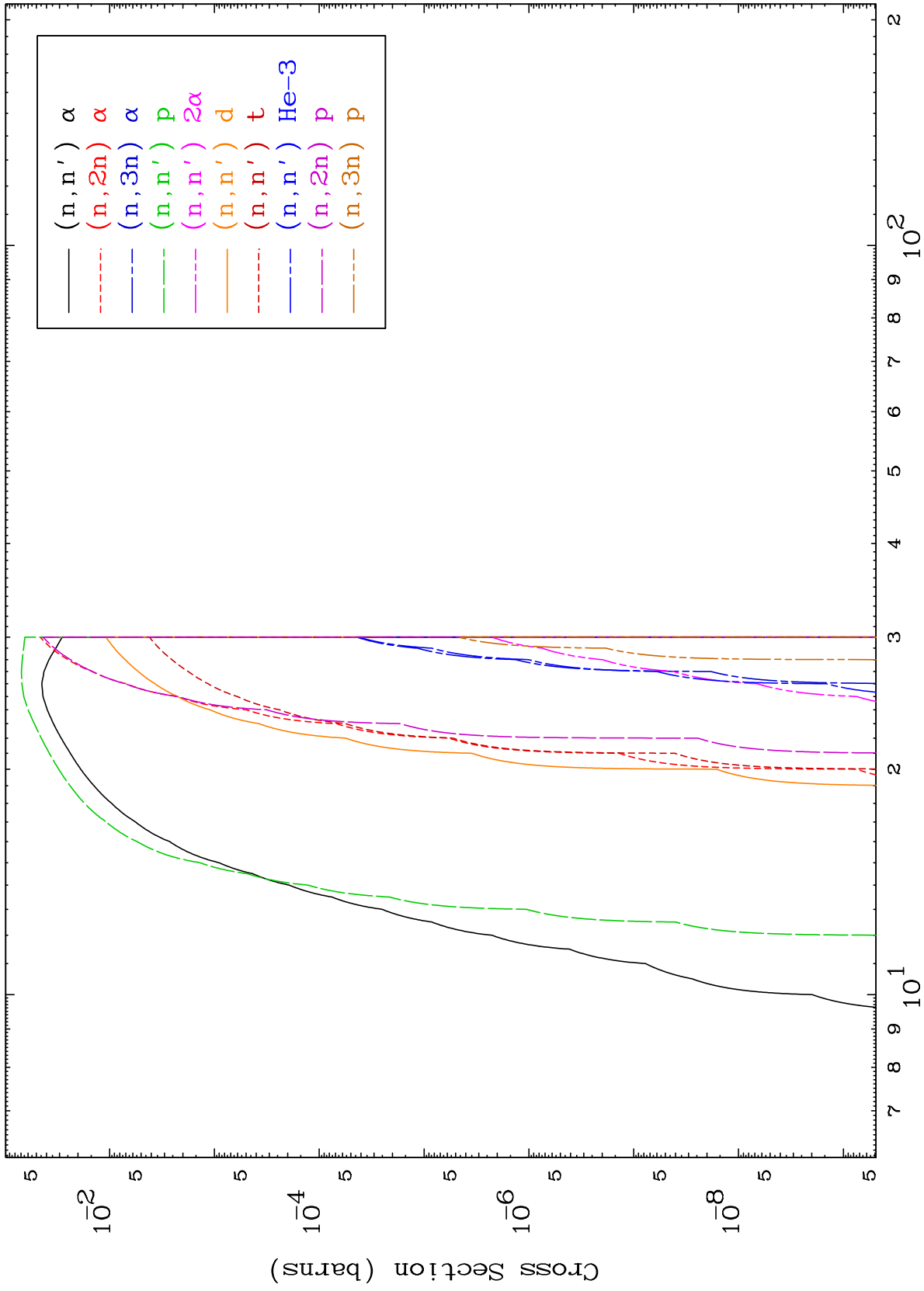
Incident Energy (MeV)

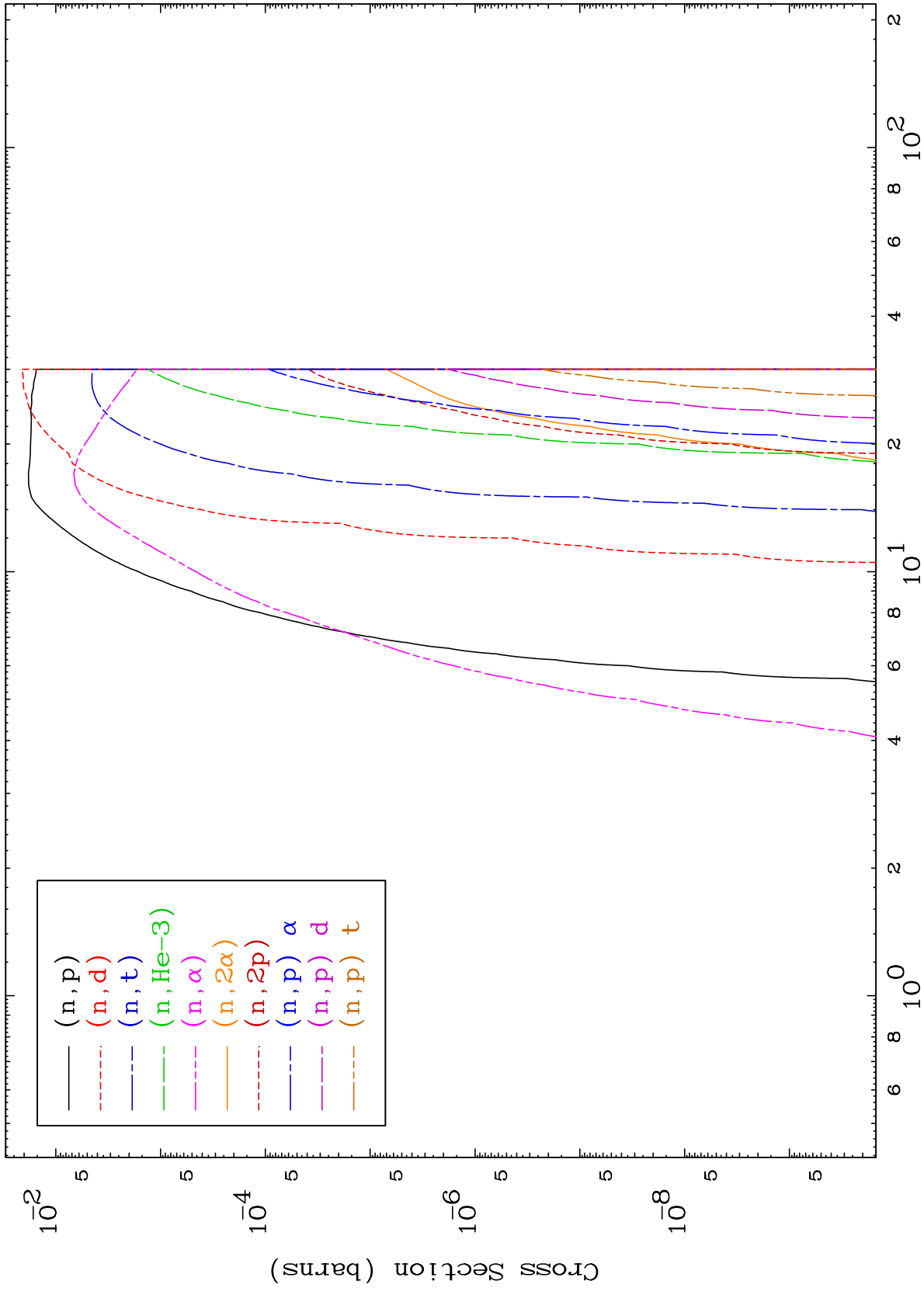
32-Ge-74

MAT 3237

Charged Particle
293 Kelvin Cross Sections

32-Ge-74

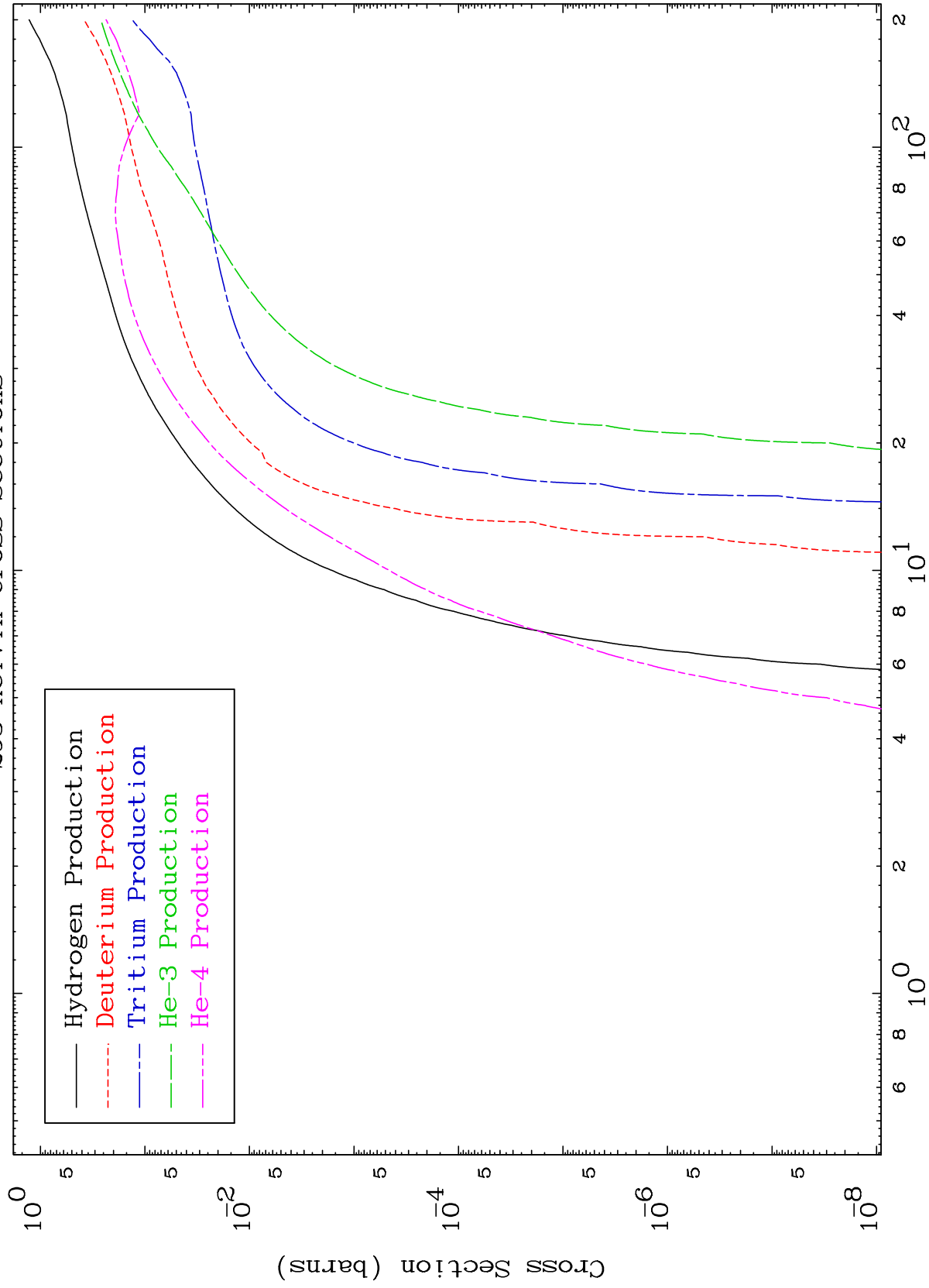




MAT 3237

Particle Production
293 Kelvin Cross Sections

32-Ge-74



6

Incident Energy (MeV)

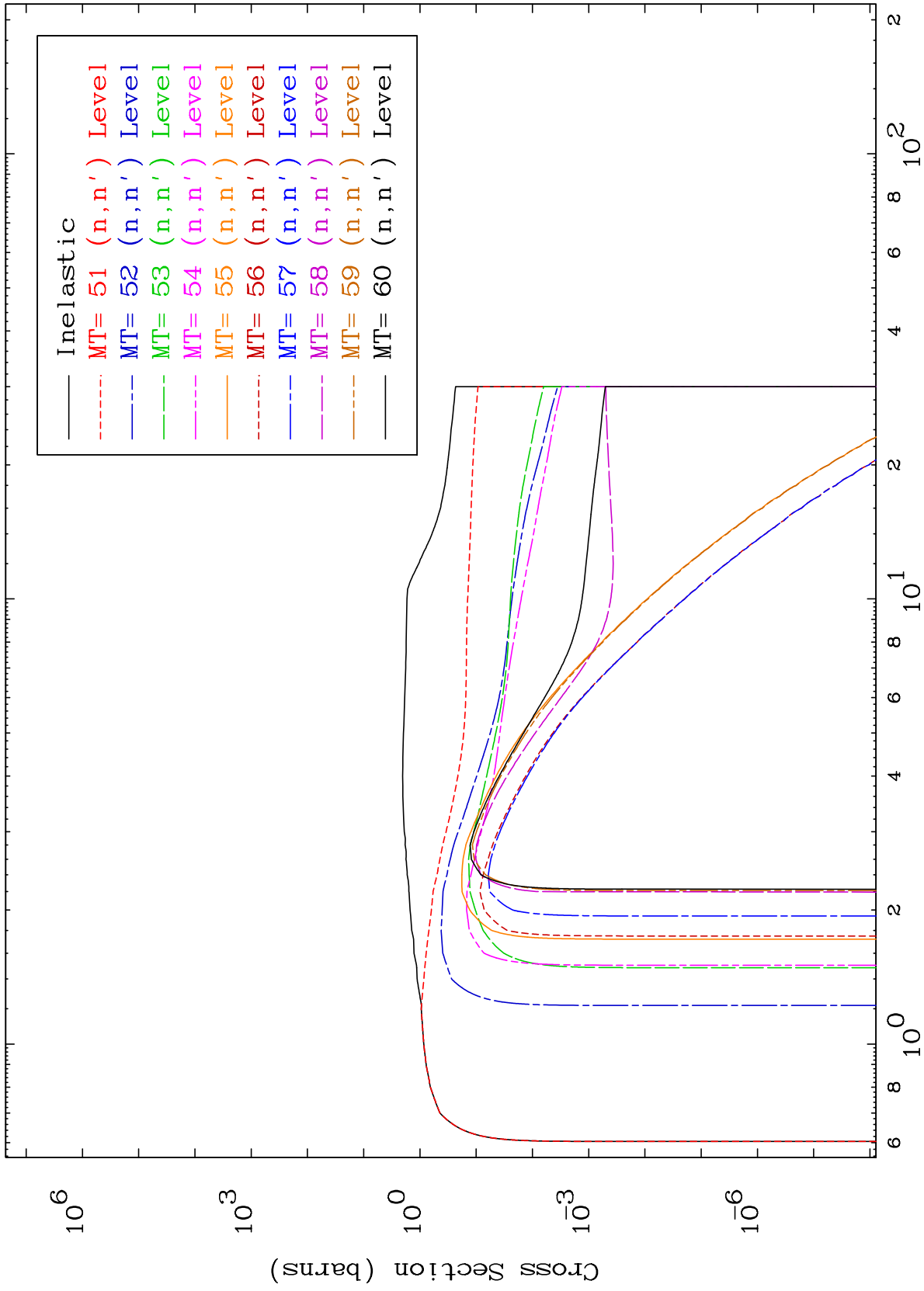
32-Ge-74

MAT 3237

(n,n') Level

32-Ge-74

293 Kelvin Cross Sections



7

Incident Energy (MeV)

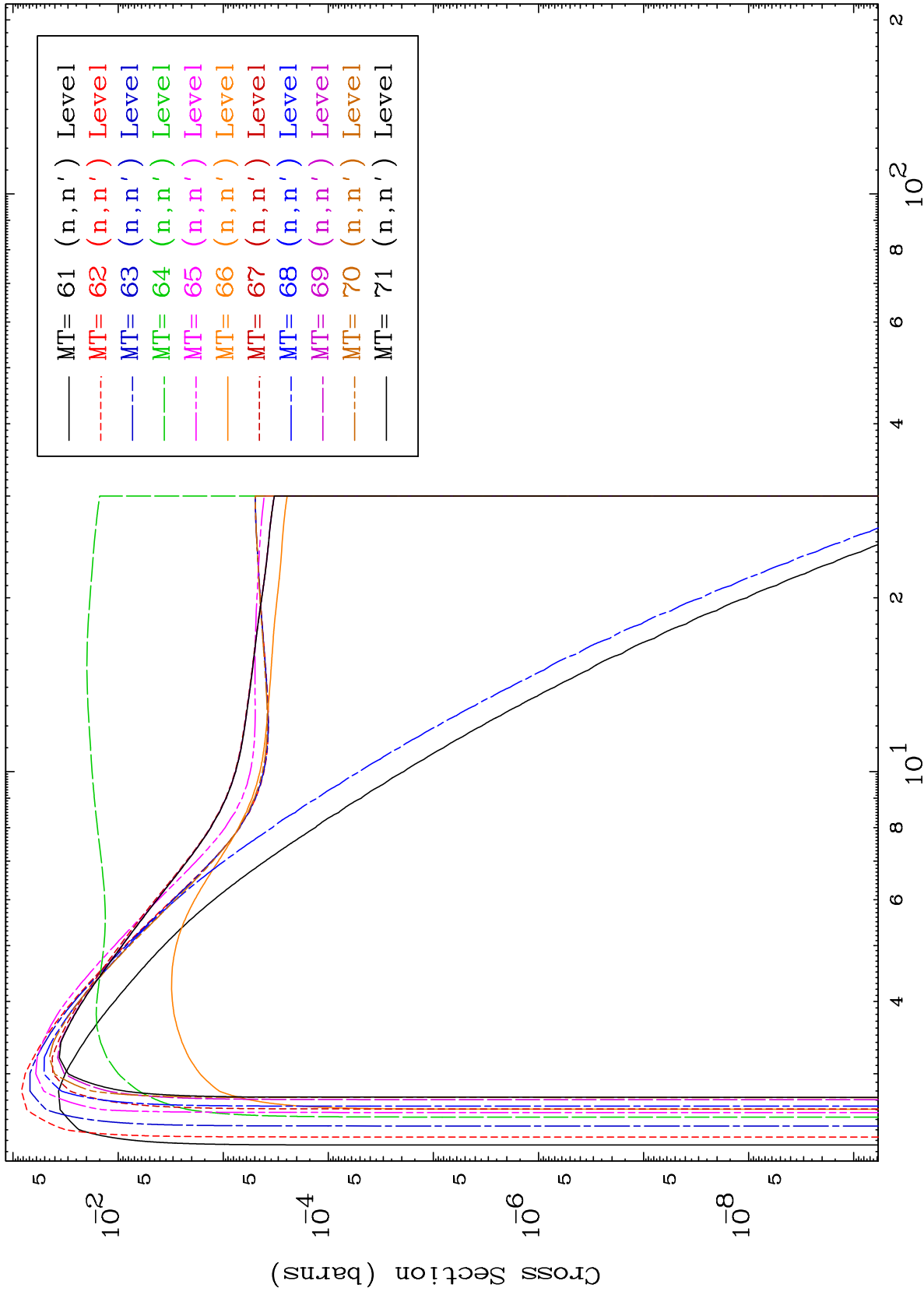
32-Ge-74

MAT 3237

(n,n') Level

32-Ge-74

293 Kelvin Cross Sections



8

Incident Energy (MeV)

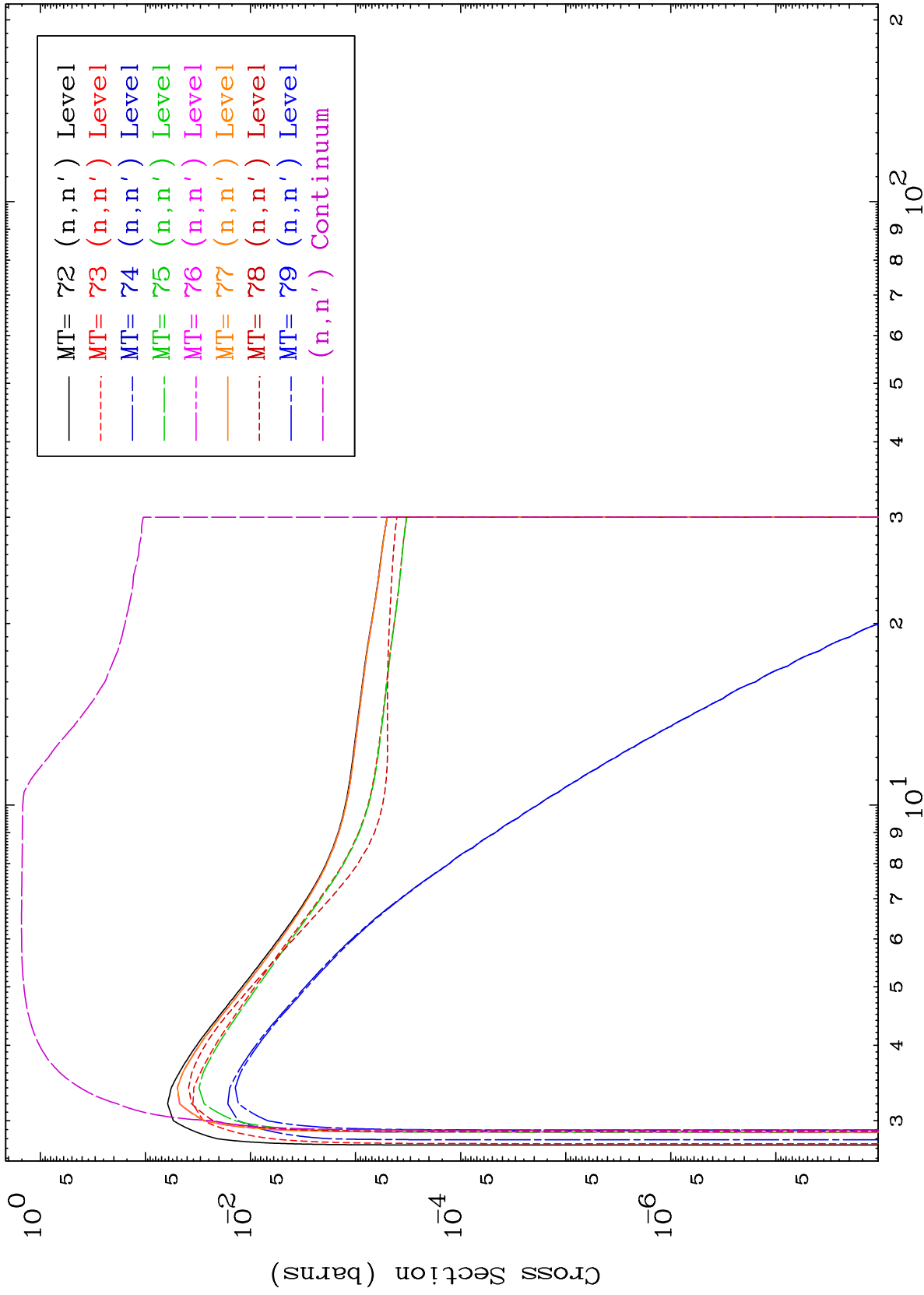
32-Ge-74

MAT 3237

(n,n') Level

32-Ge-74

293 Kelvin Cross Sections

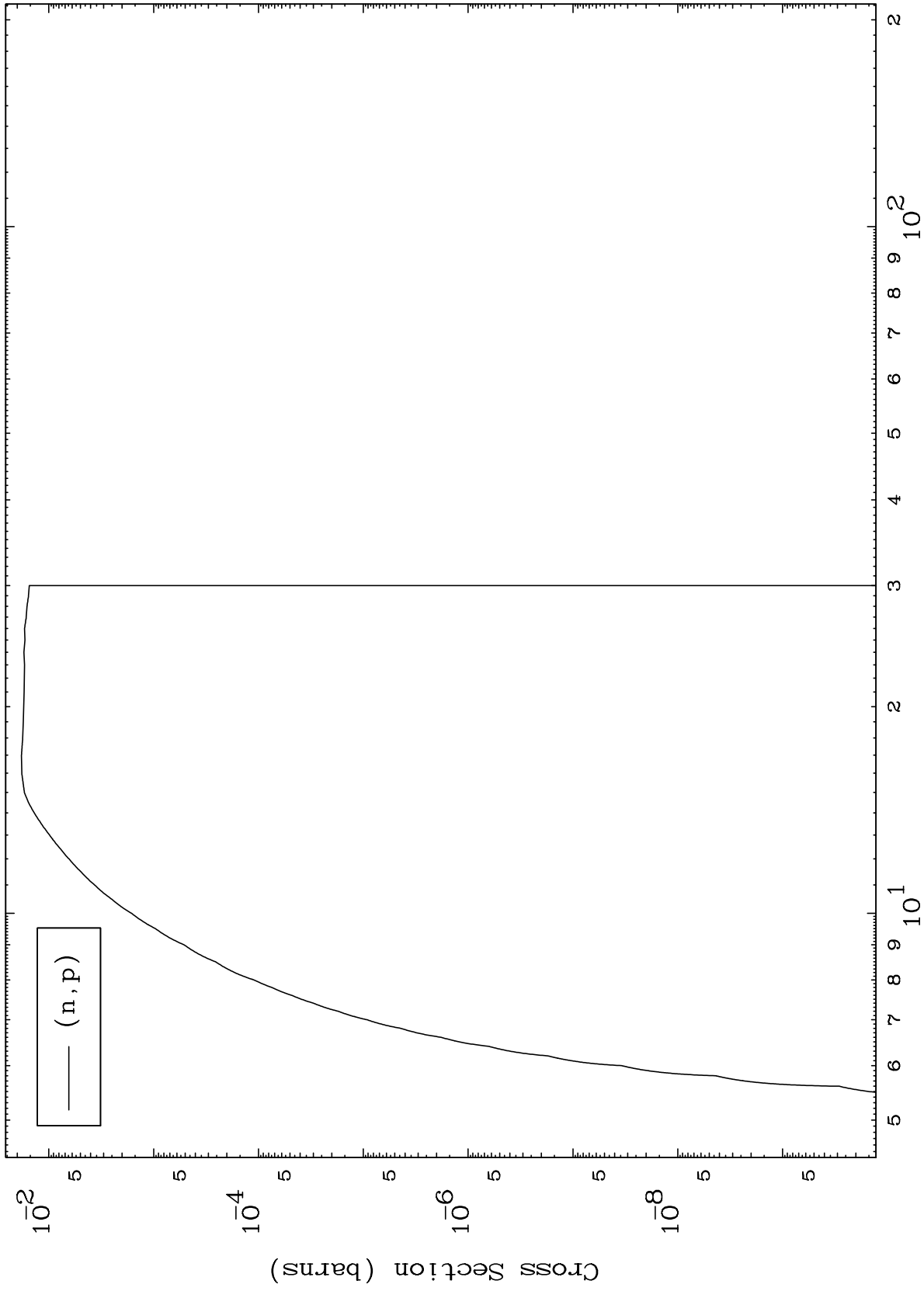


9

MAT 3237

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-74



10

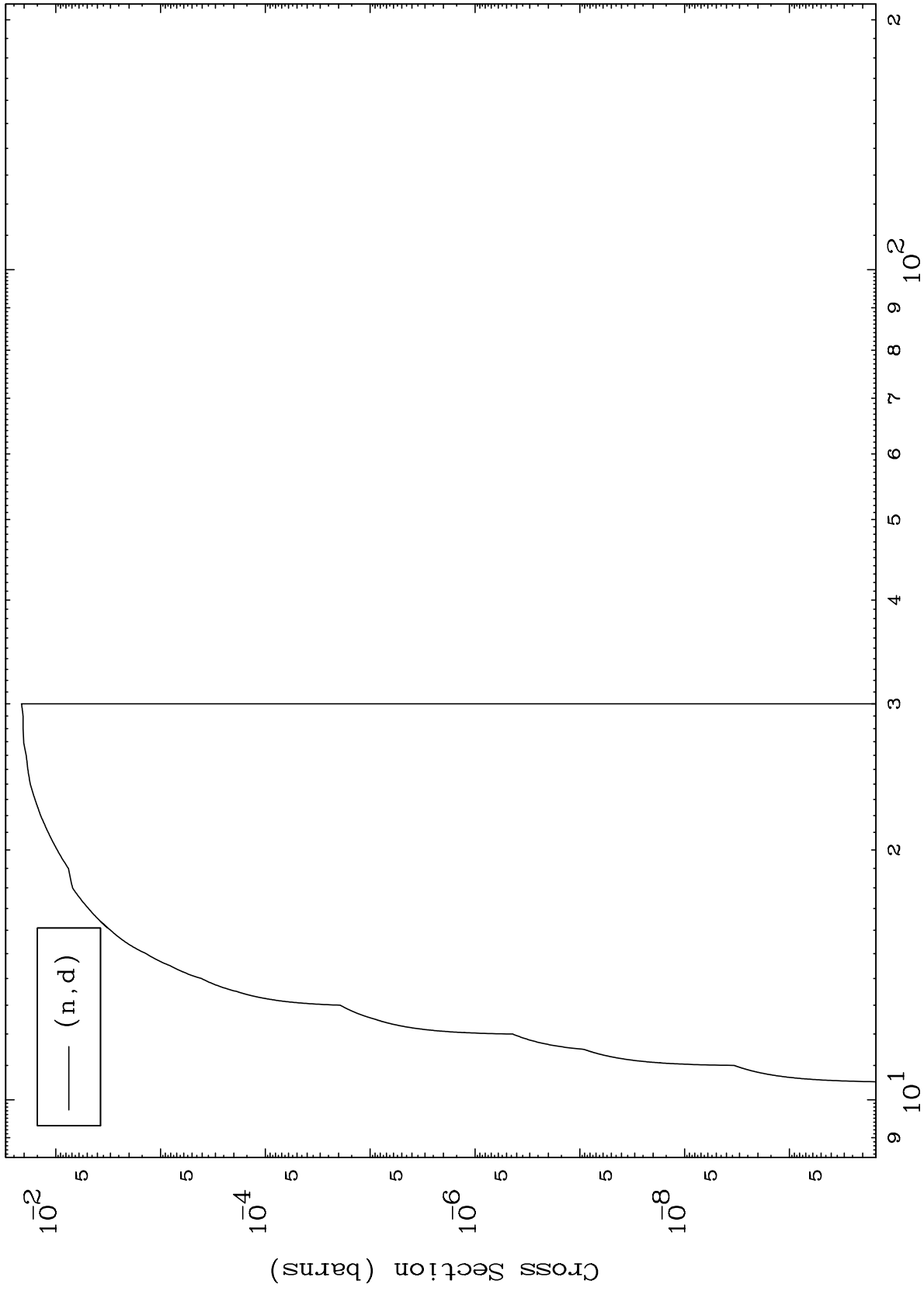
Incident Energy (MeV)

32-Ge-74

MAT 3237

(n,d) Levels
293 Kelvin Cross Sections

32-Ge-74



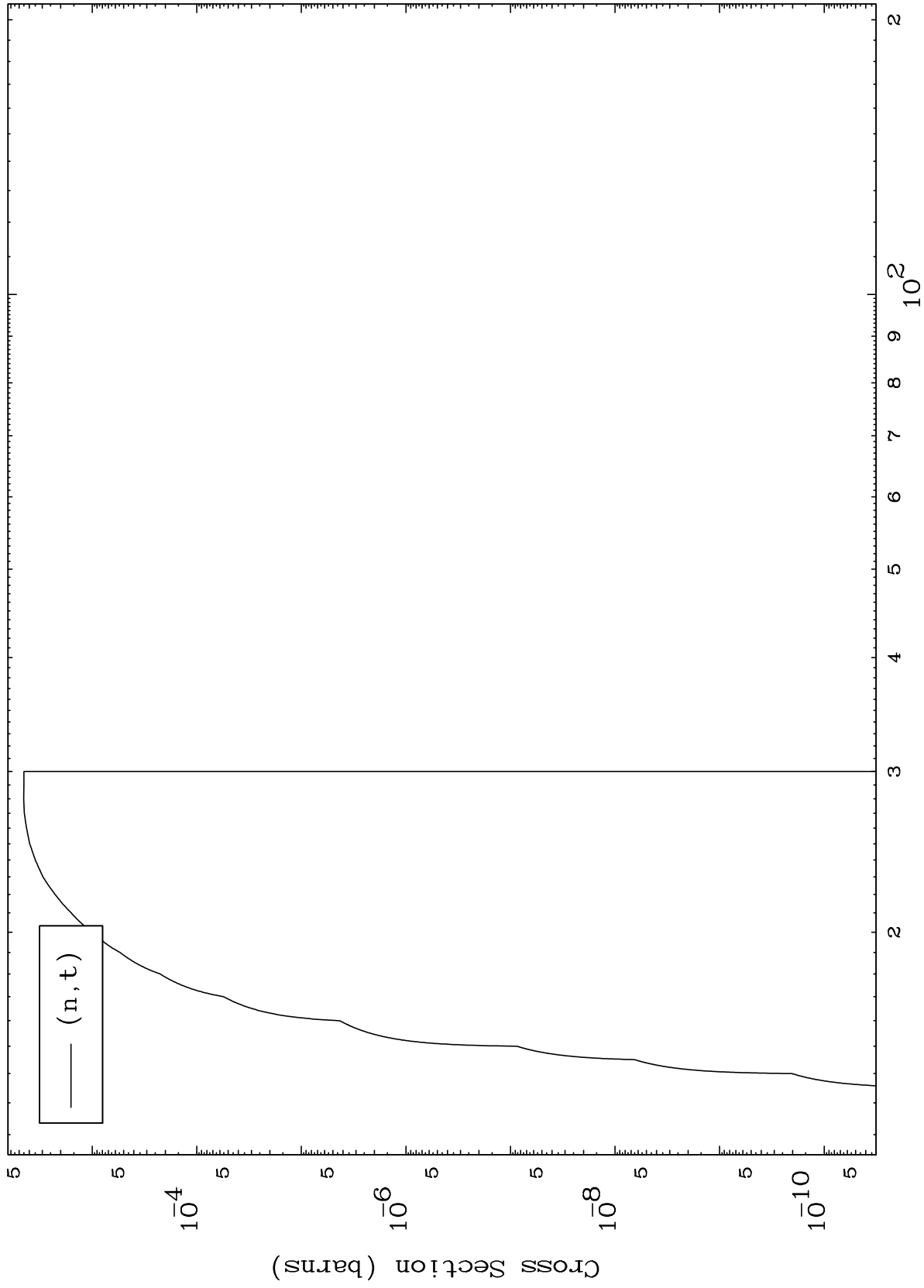
11

32-Ge-74

MAT 3237

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-74



12

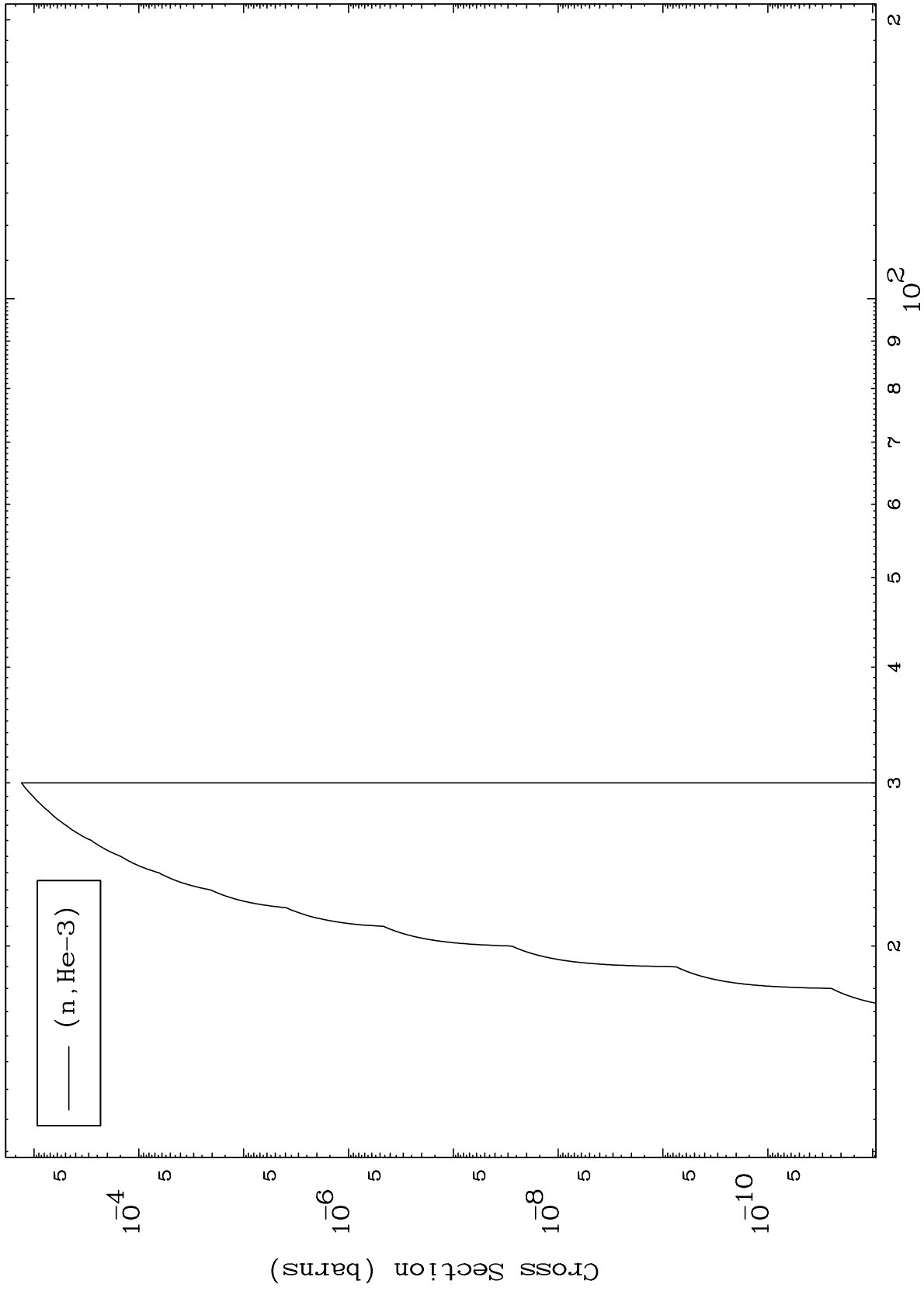
Incident Energy (MeV)

32-Ge-74

MAT 3237

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-74



13

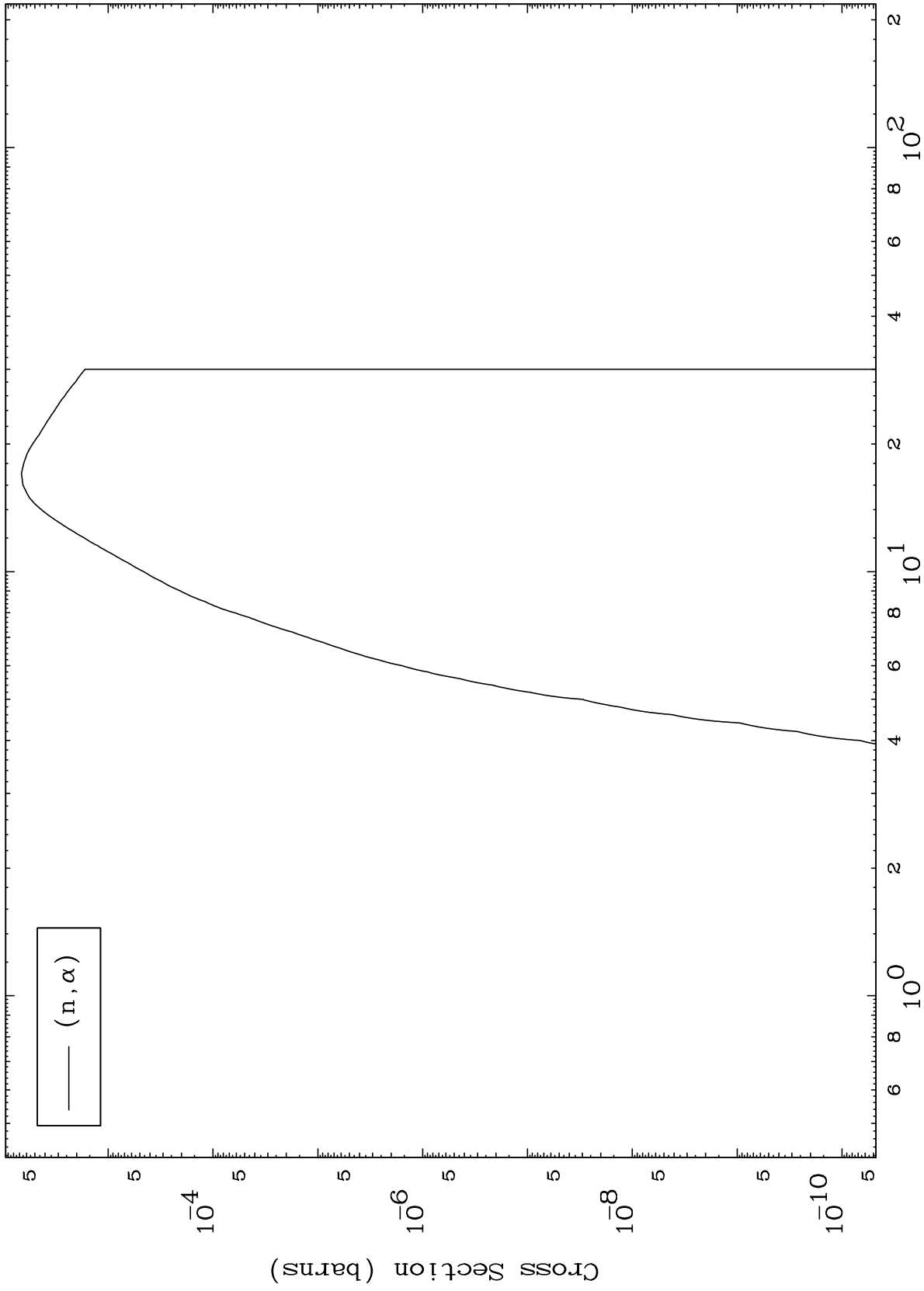
Incident Energy (MeV)

32-Ge-74

MAT 3237

(n,α) Levels
293 Kelvin Cross Sections

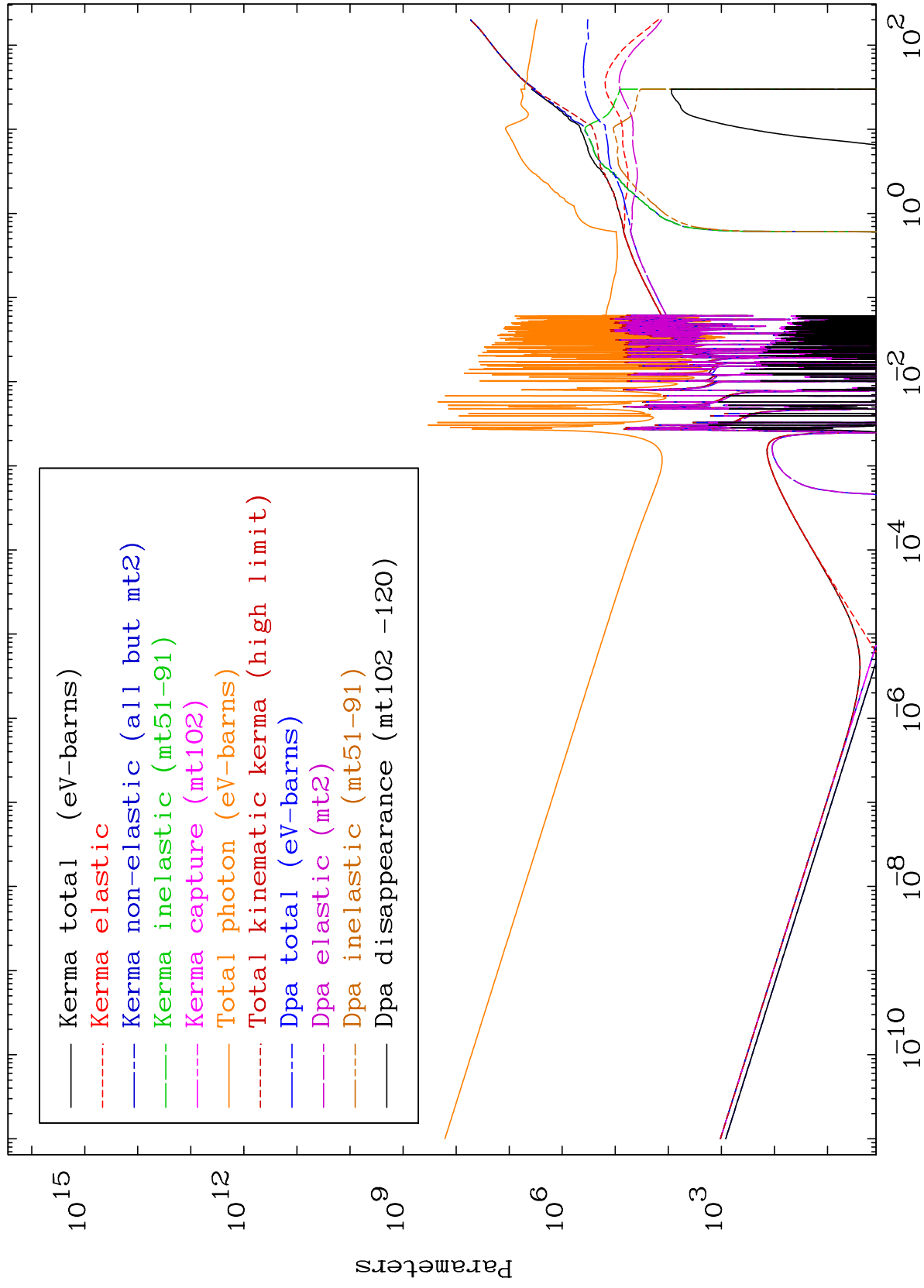
32-Ge-74



14

Incident Energy (MeV)

32-Ge-74



MAT 3237

Elastic Legendre Coefficients

³²Ge-74



16

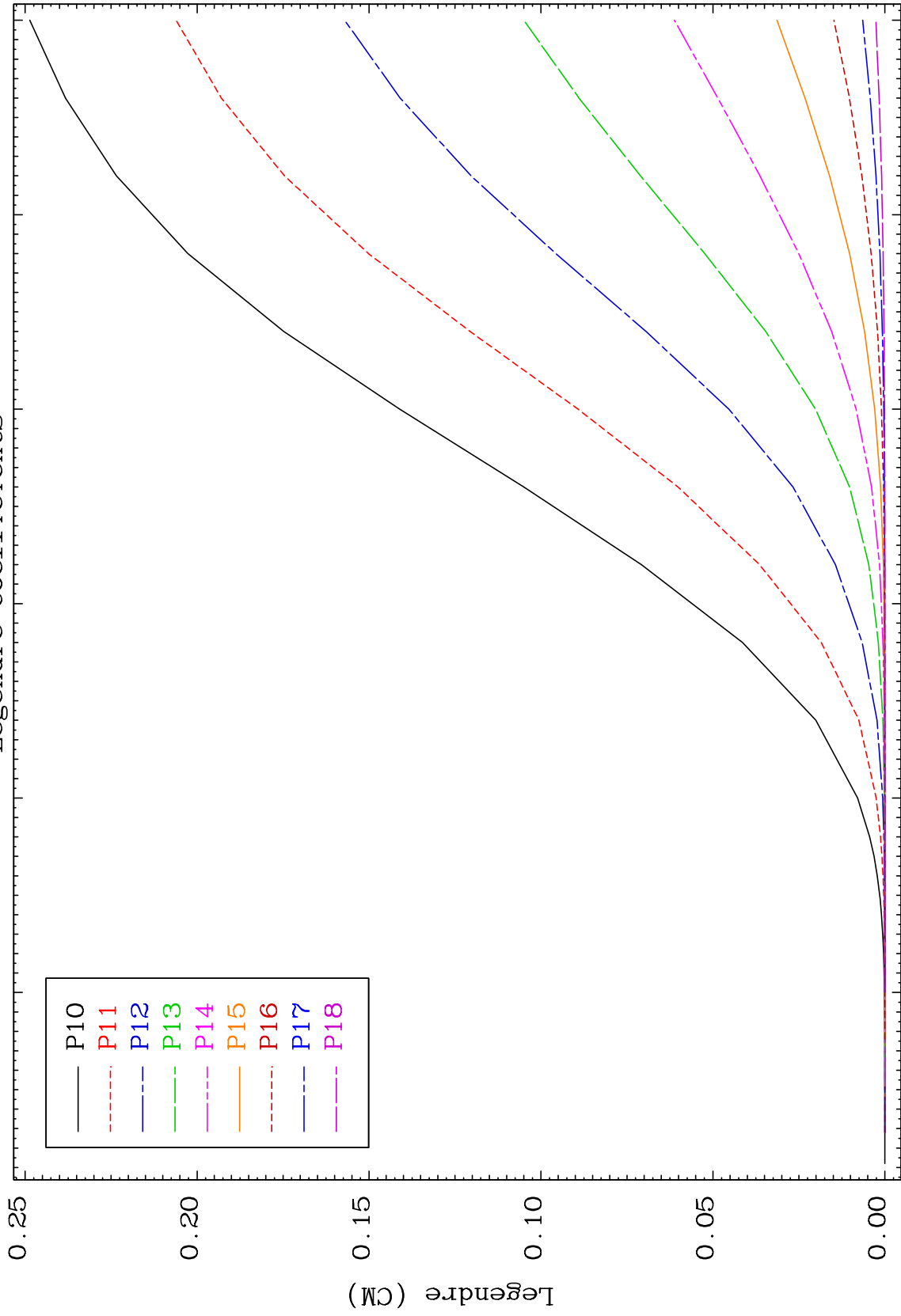
Incident Energy (MeV)

³²Ge-74

MAT 3237

Elastic Legendre Coefficients

32-Ge-74



17

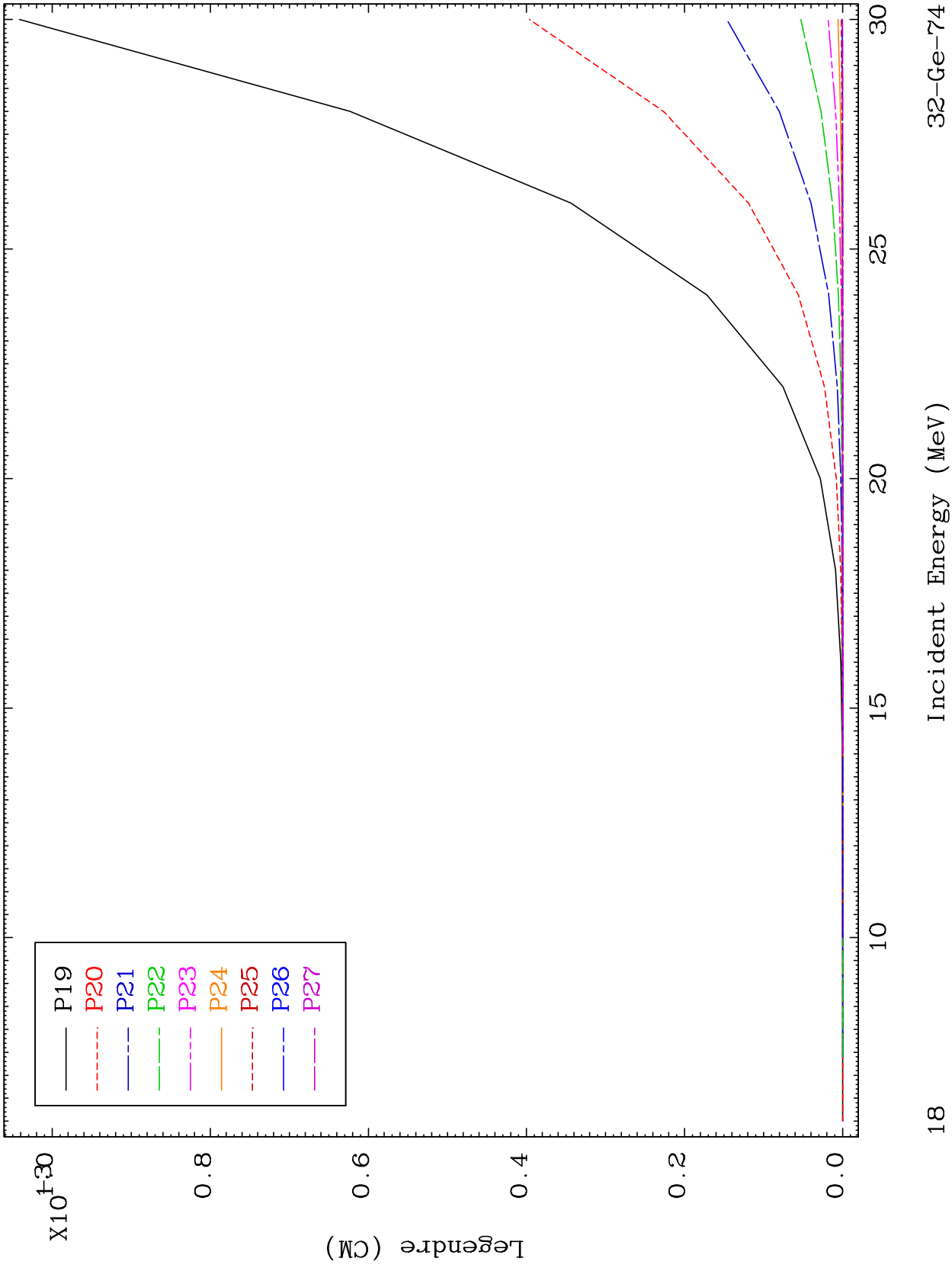
Incident Energy (MeV)

32-Ge-74

MAT 3237

Elastic Legendre Coefficients

32-Ge-74



18

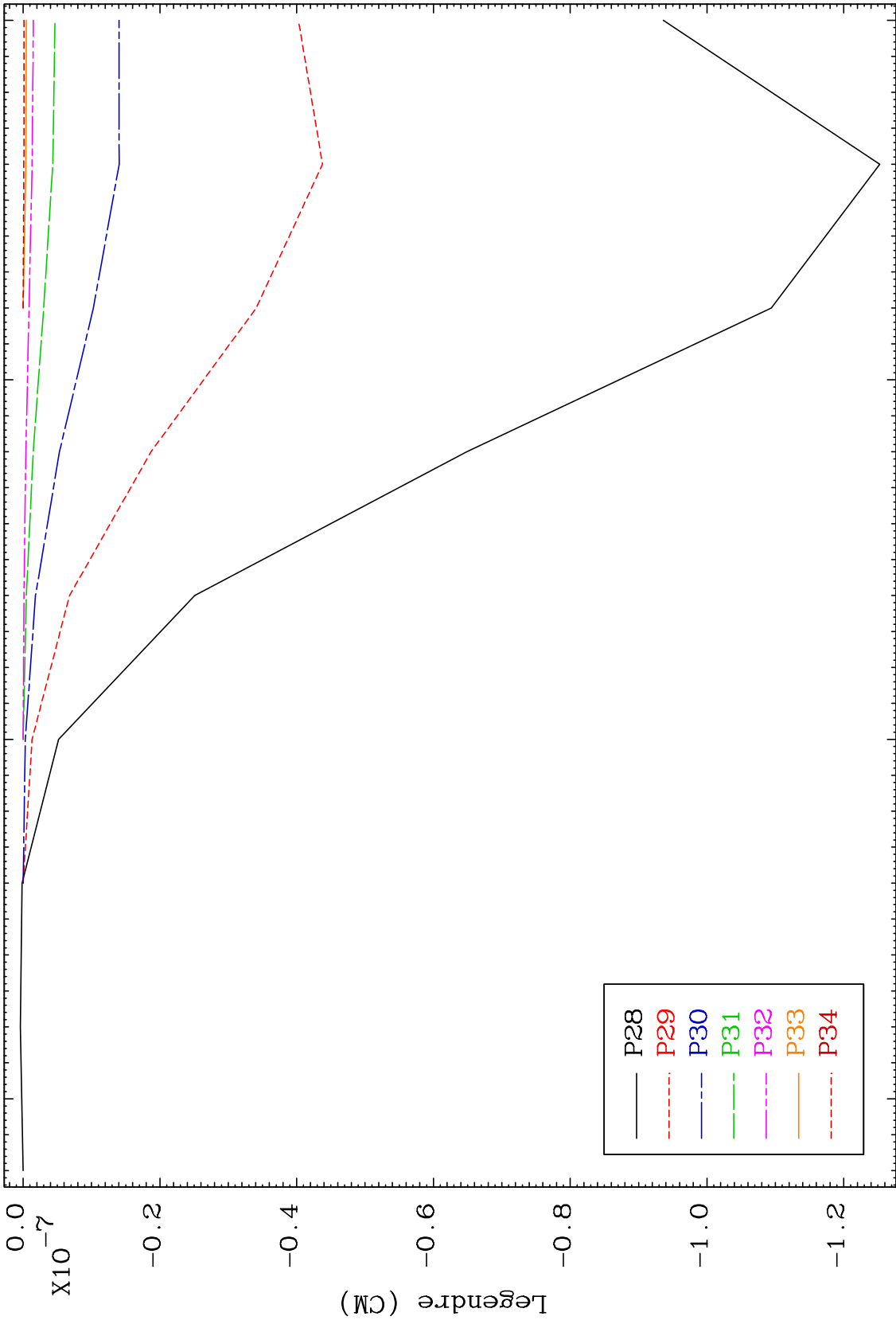
Incident Energy (MeV)

32-Ge-74

MAT 3237

32-Ge-74

Elastic Legendre Coefficients



19

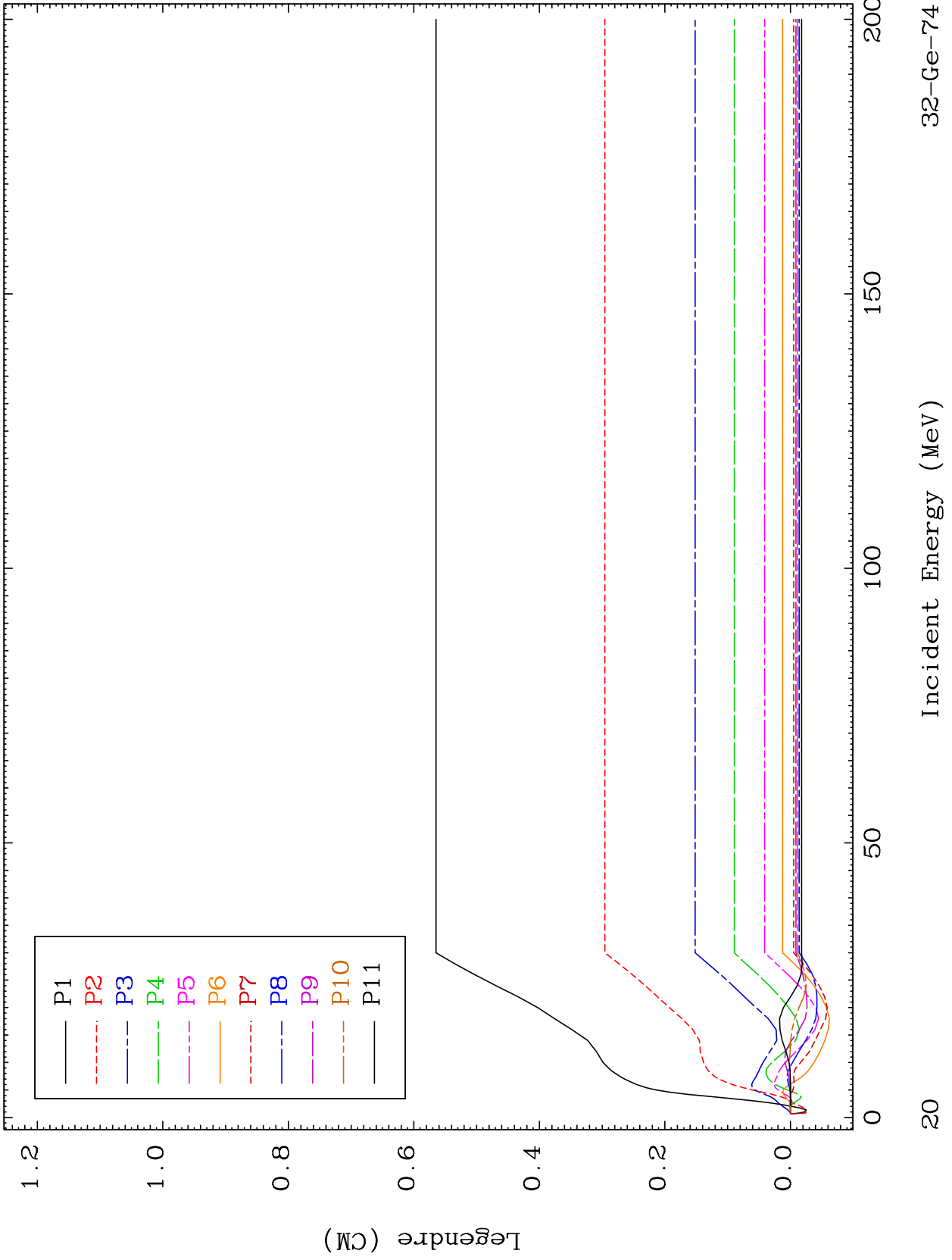
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

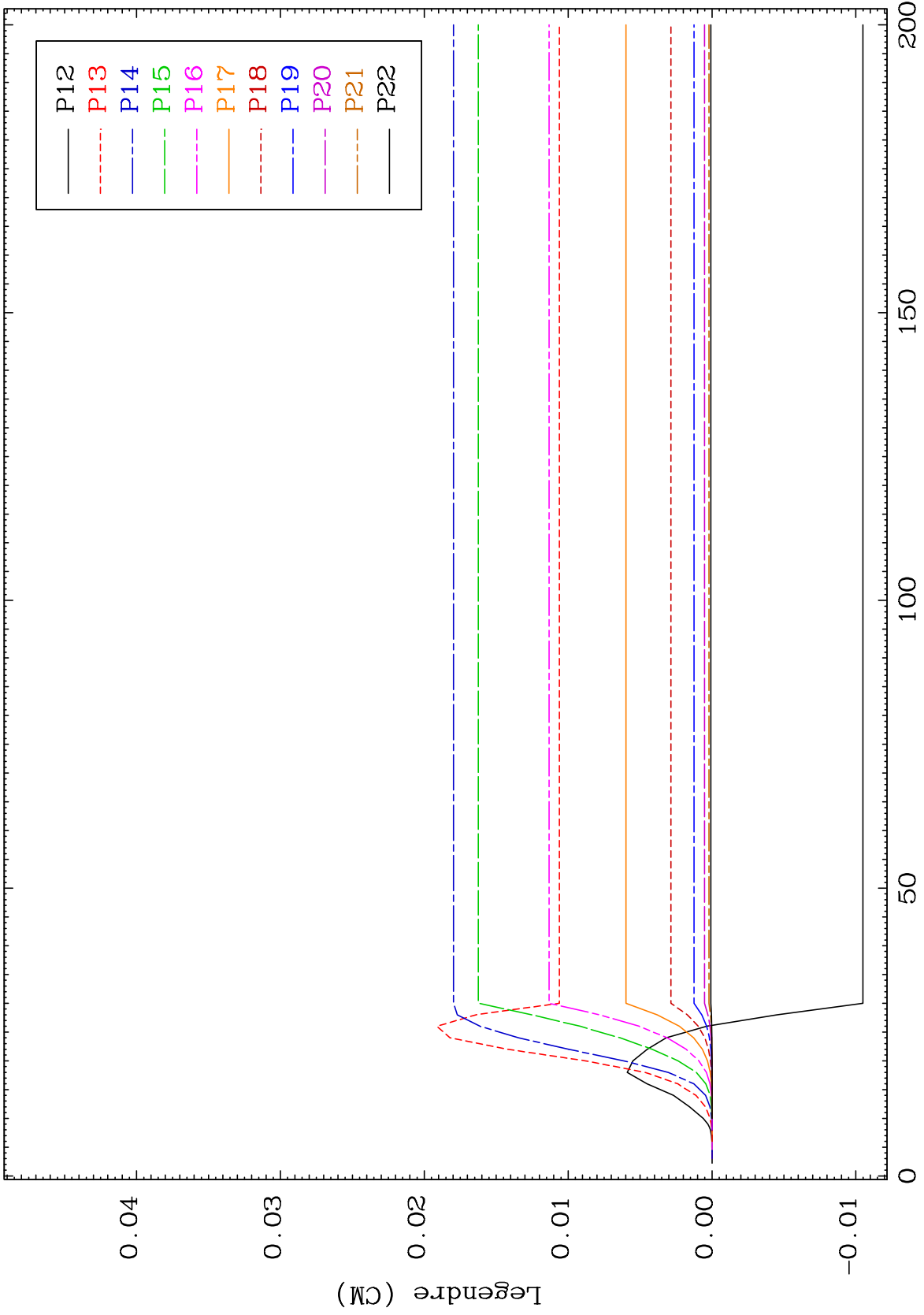


32-Ge-74

MAT 3237

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

32-Ge-74



21

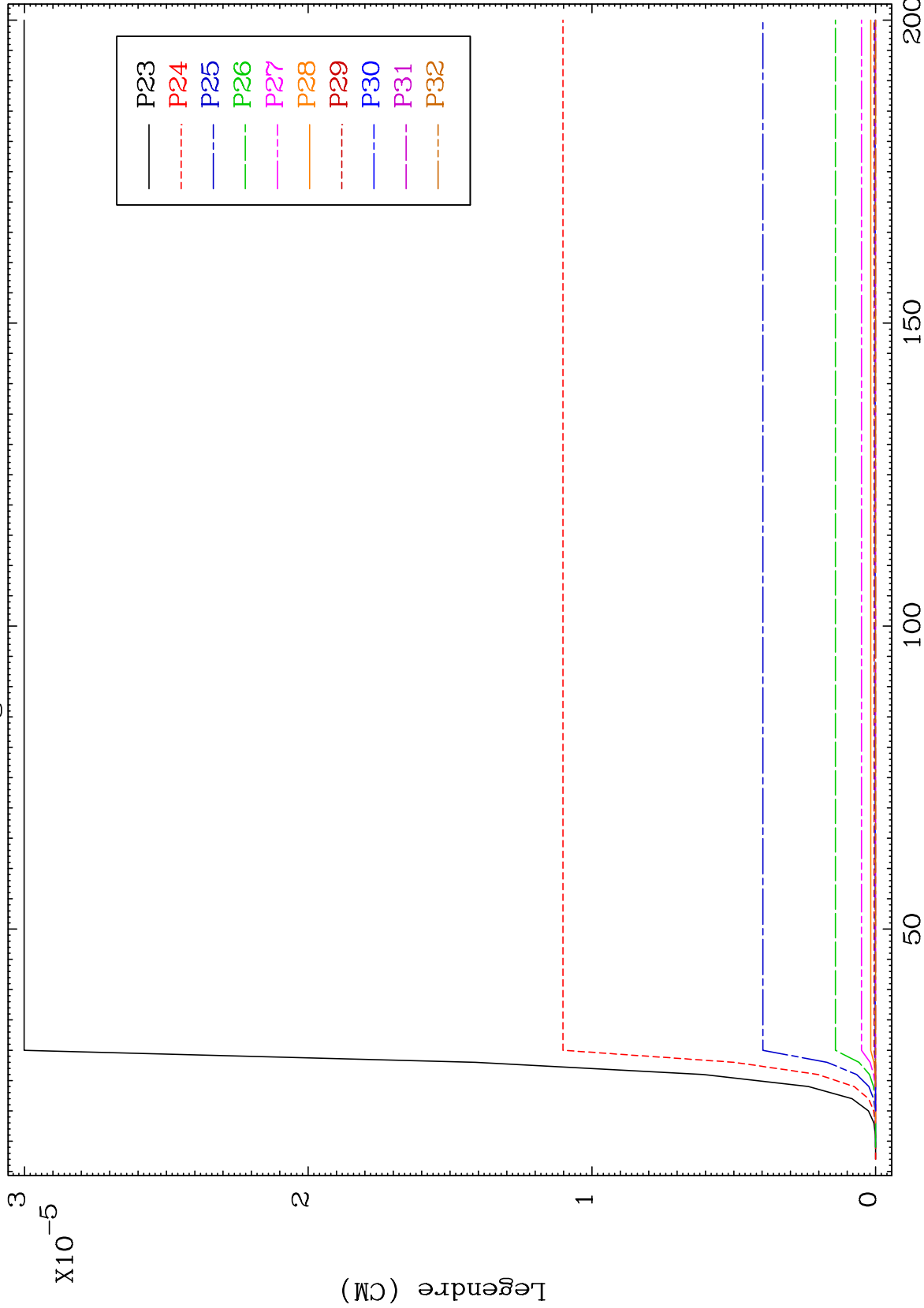
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



22

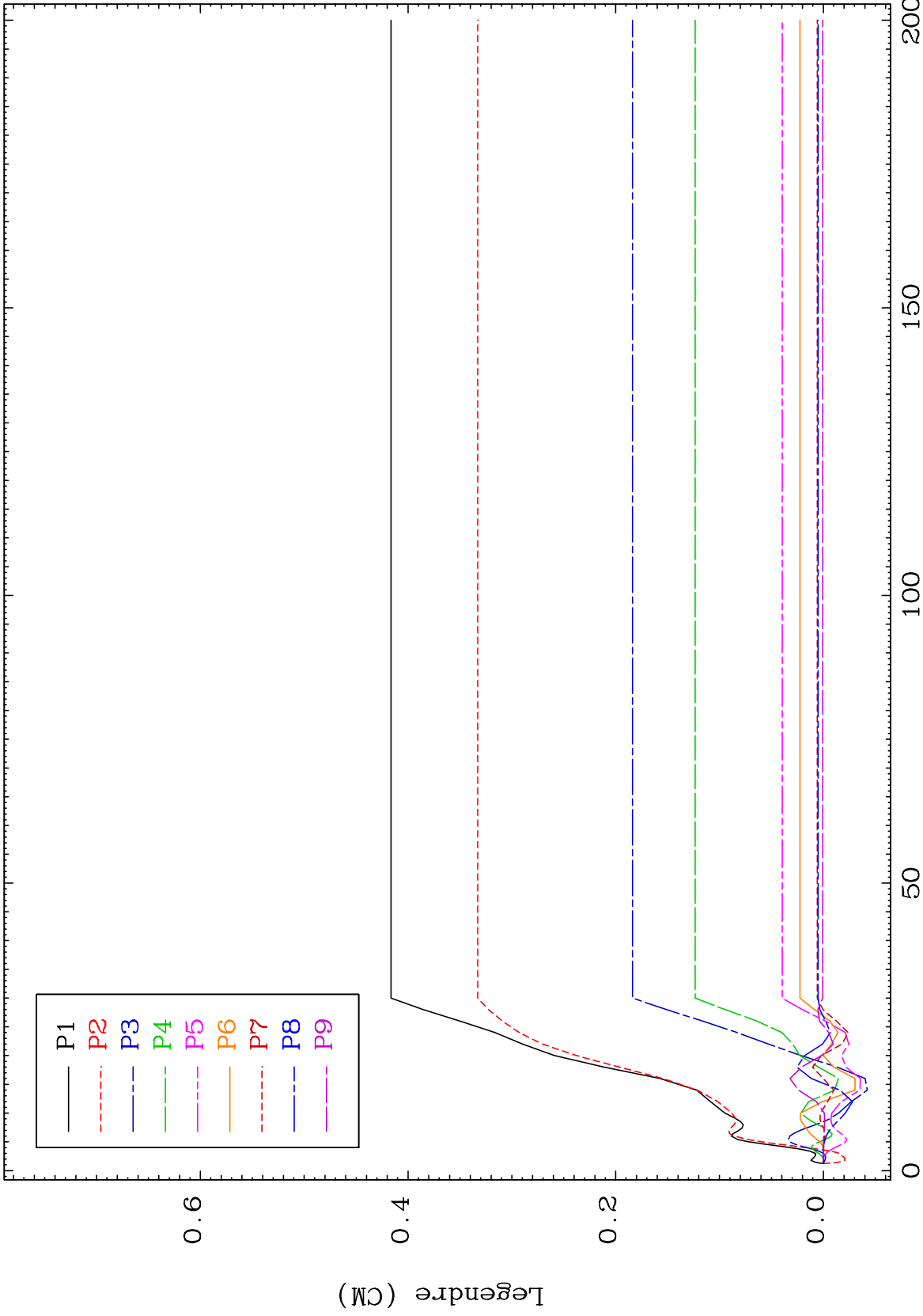
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



33

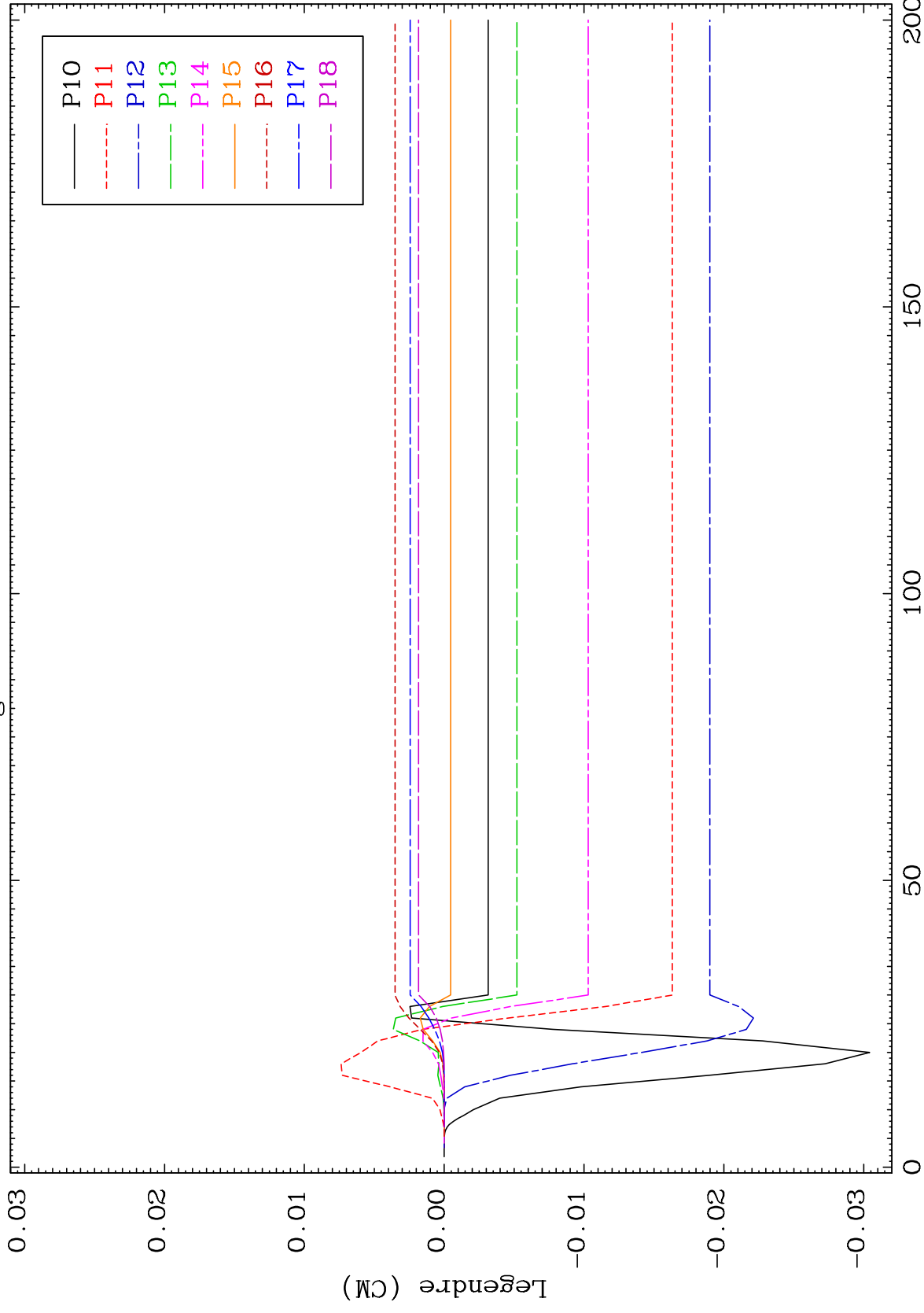
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



24

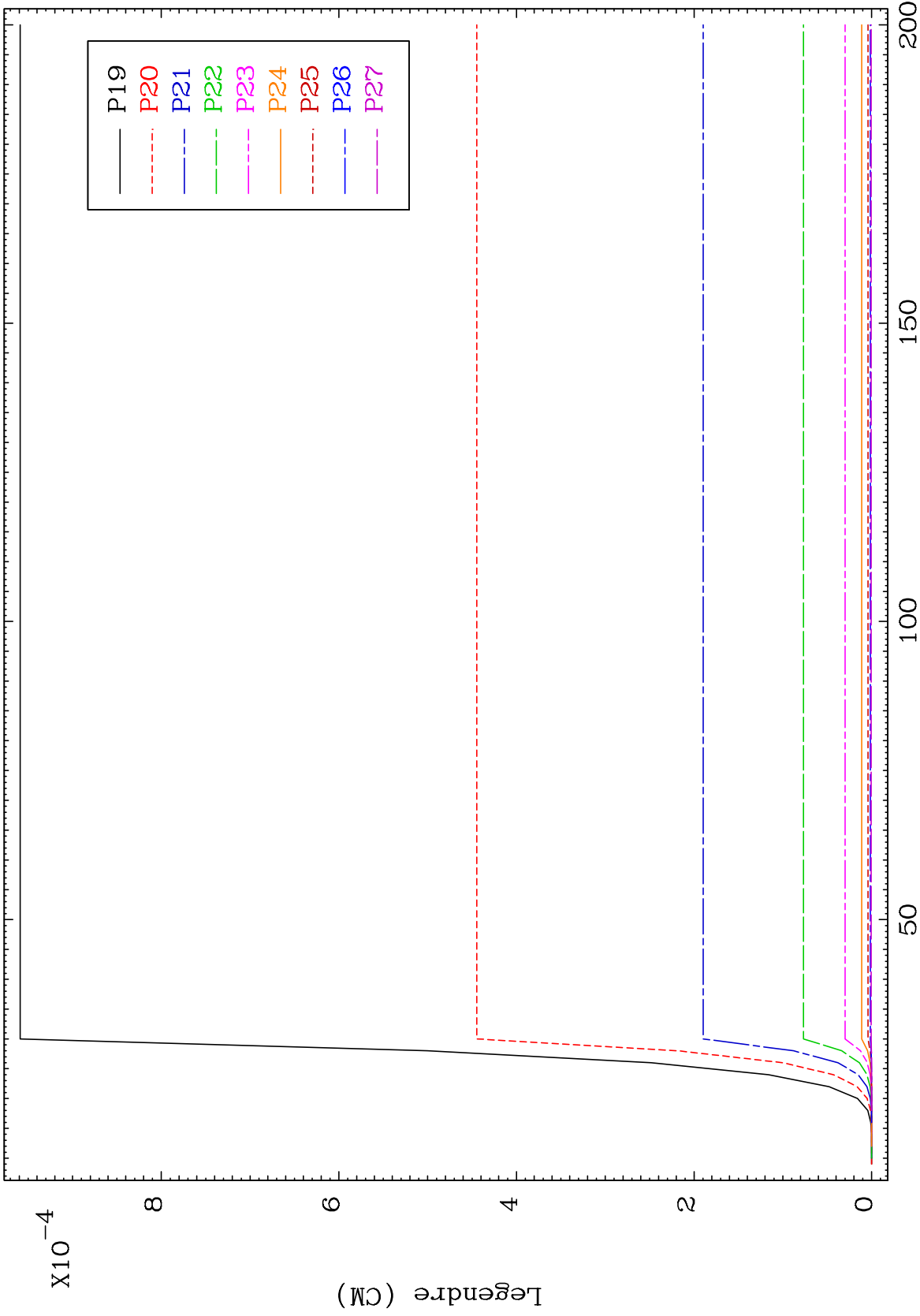
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



25

Incident Energy (MeV)

50

100

150

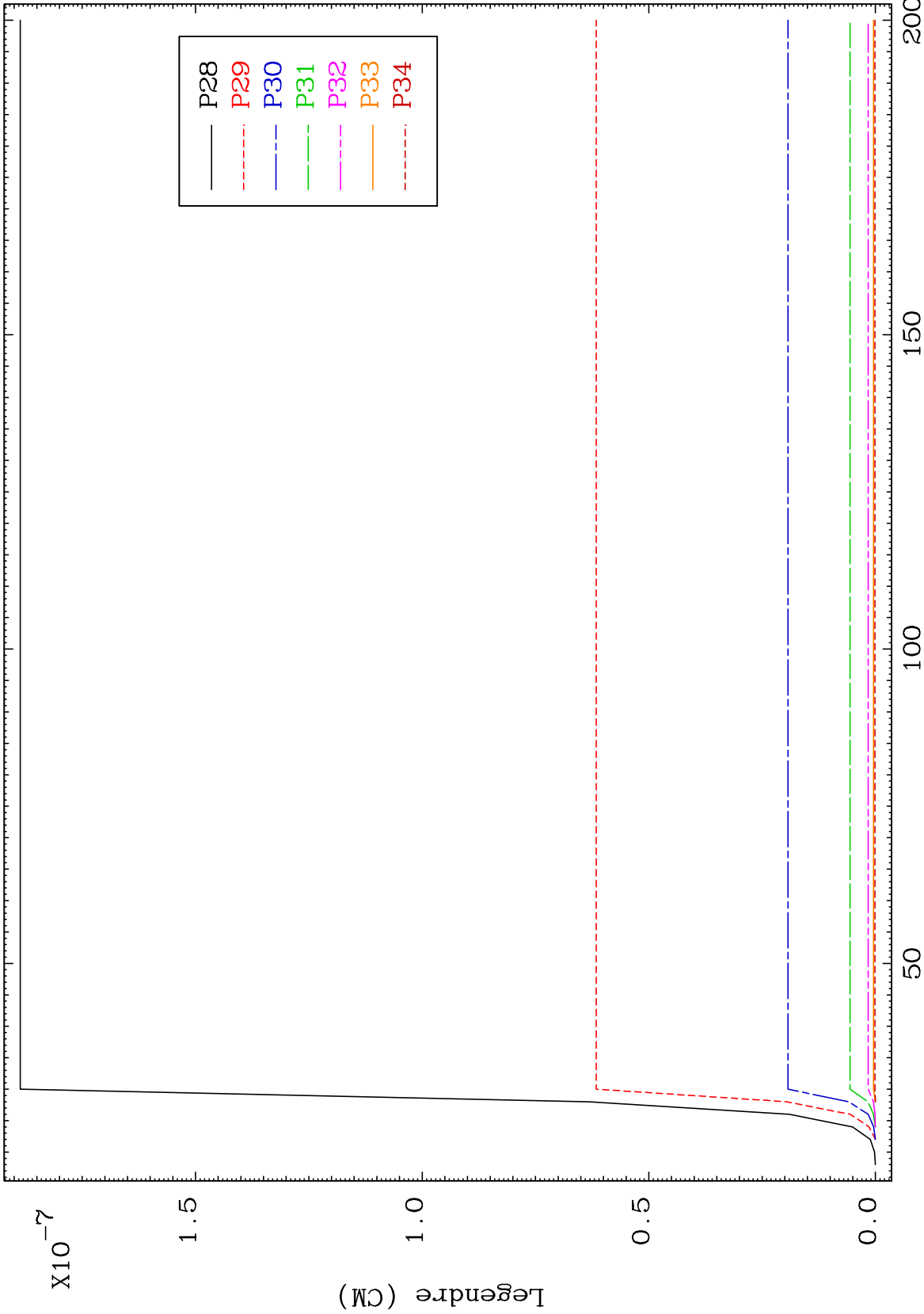
200

32-Ge-74

MAT 3237

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

32-Ge-74



26

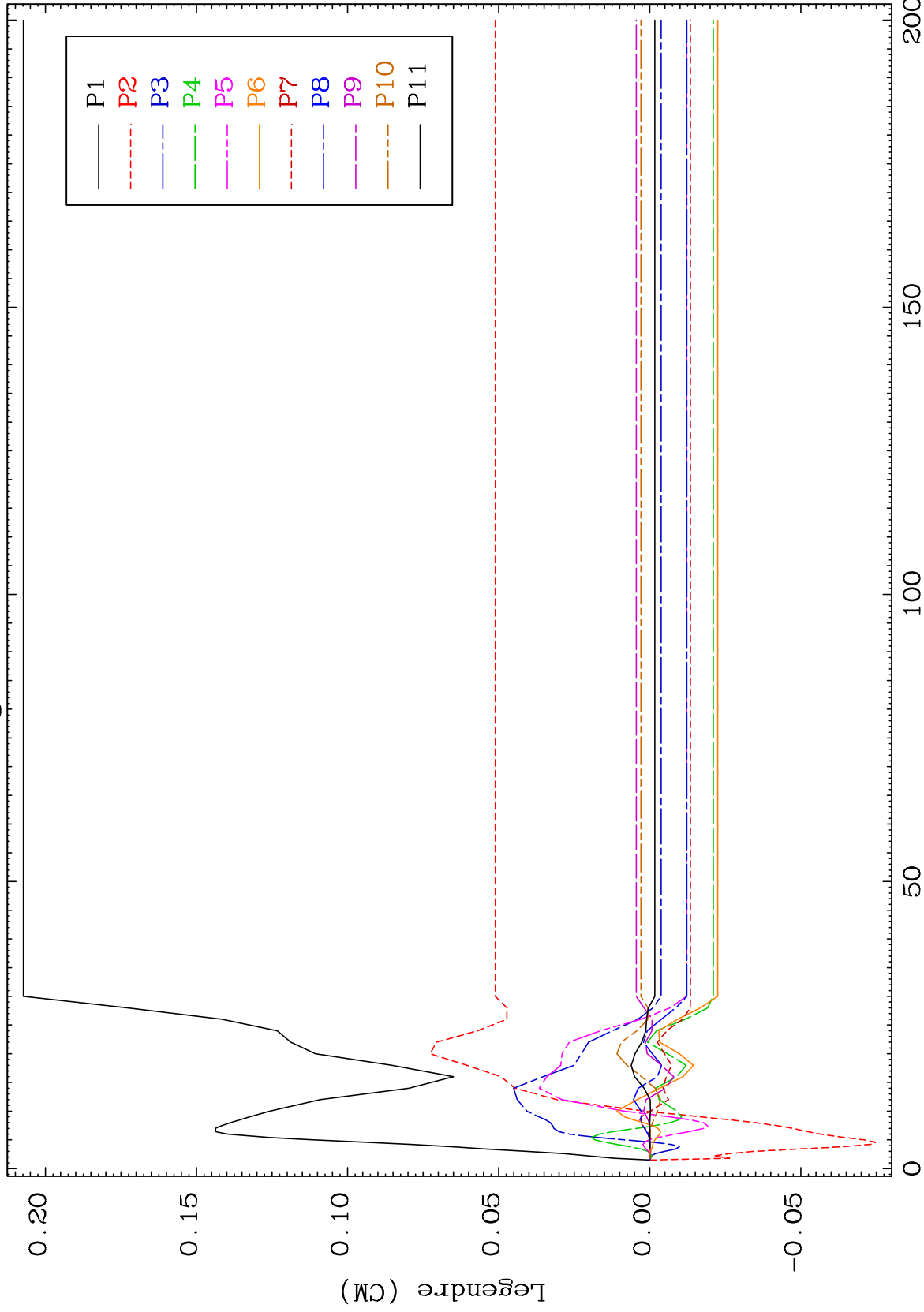
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



27

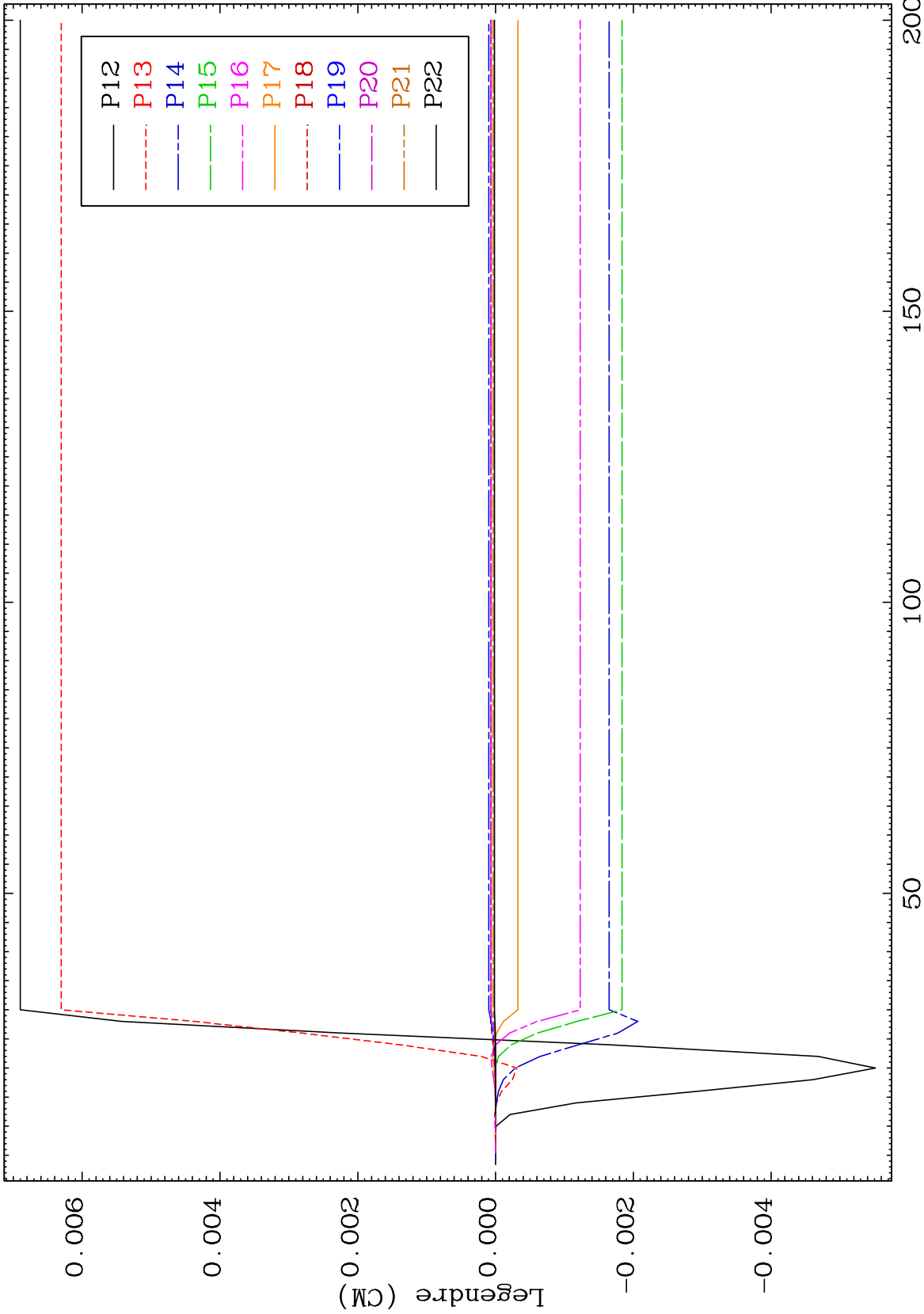
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



28

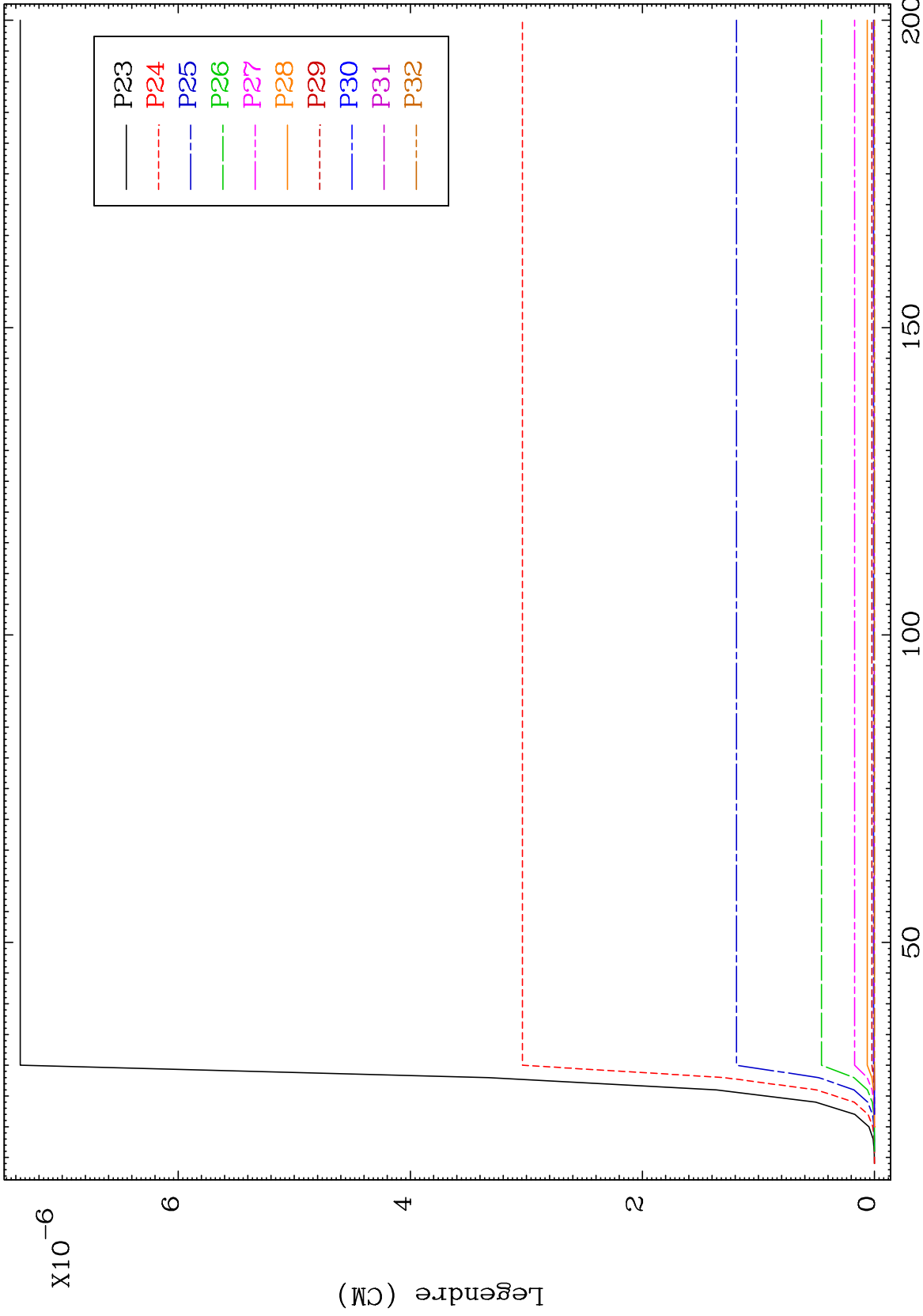
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



29

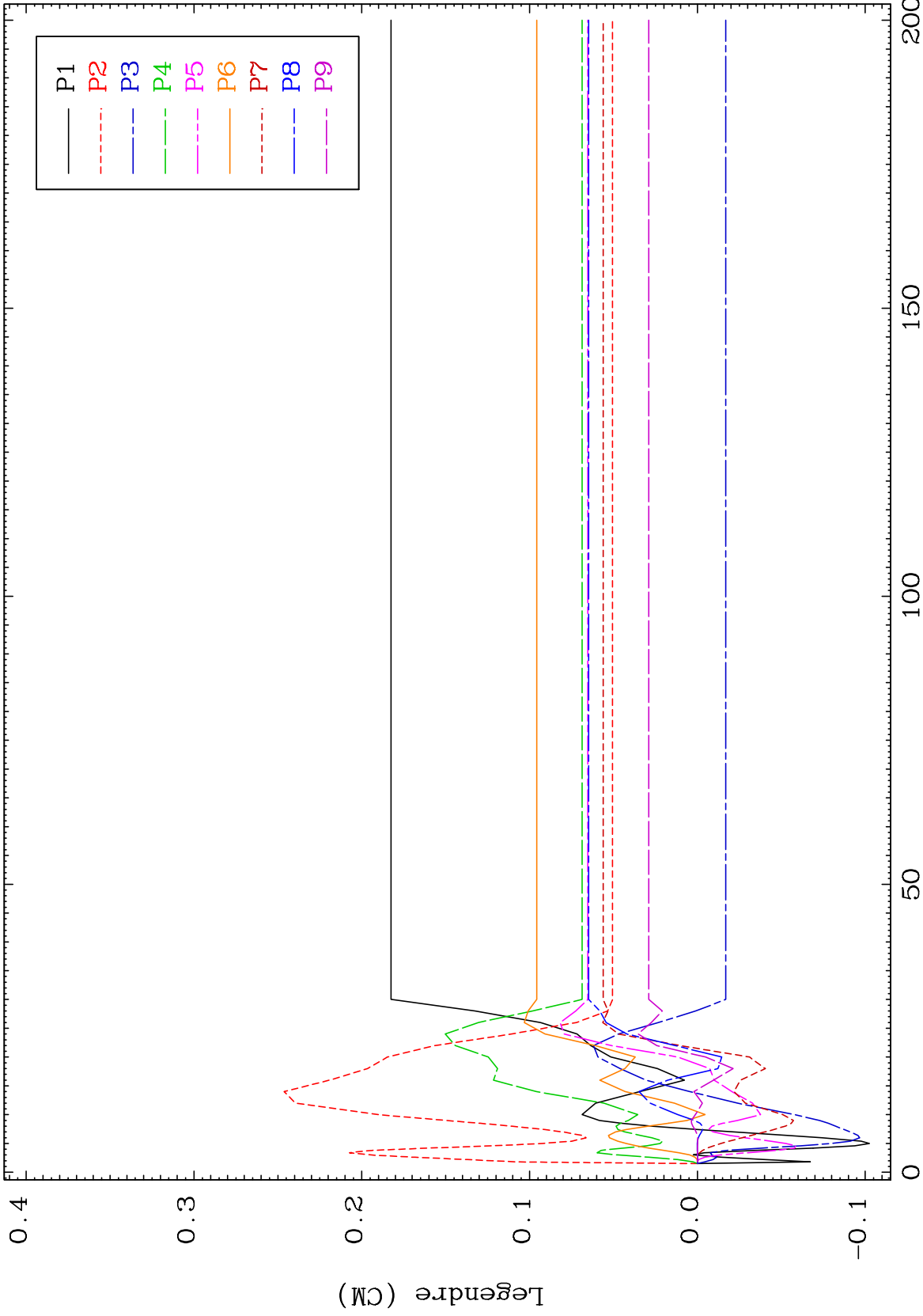
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32-Ge-74

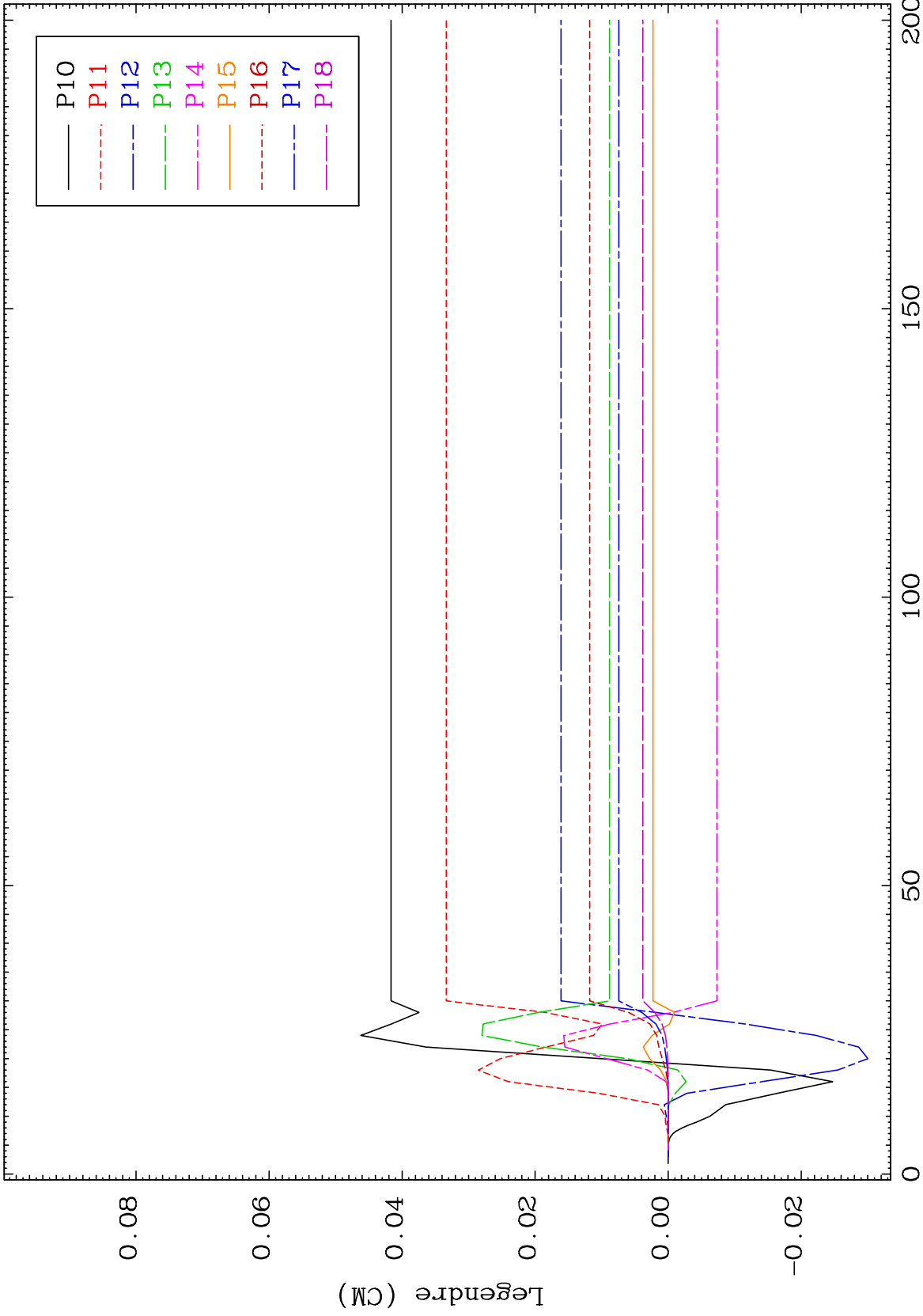
Incident Energy (MeV)

30

MAT 3237

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

32-Ge-74



31

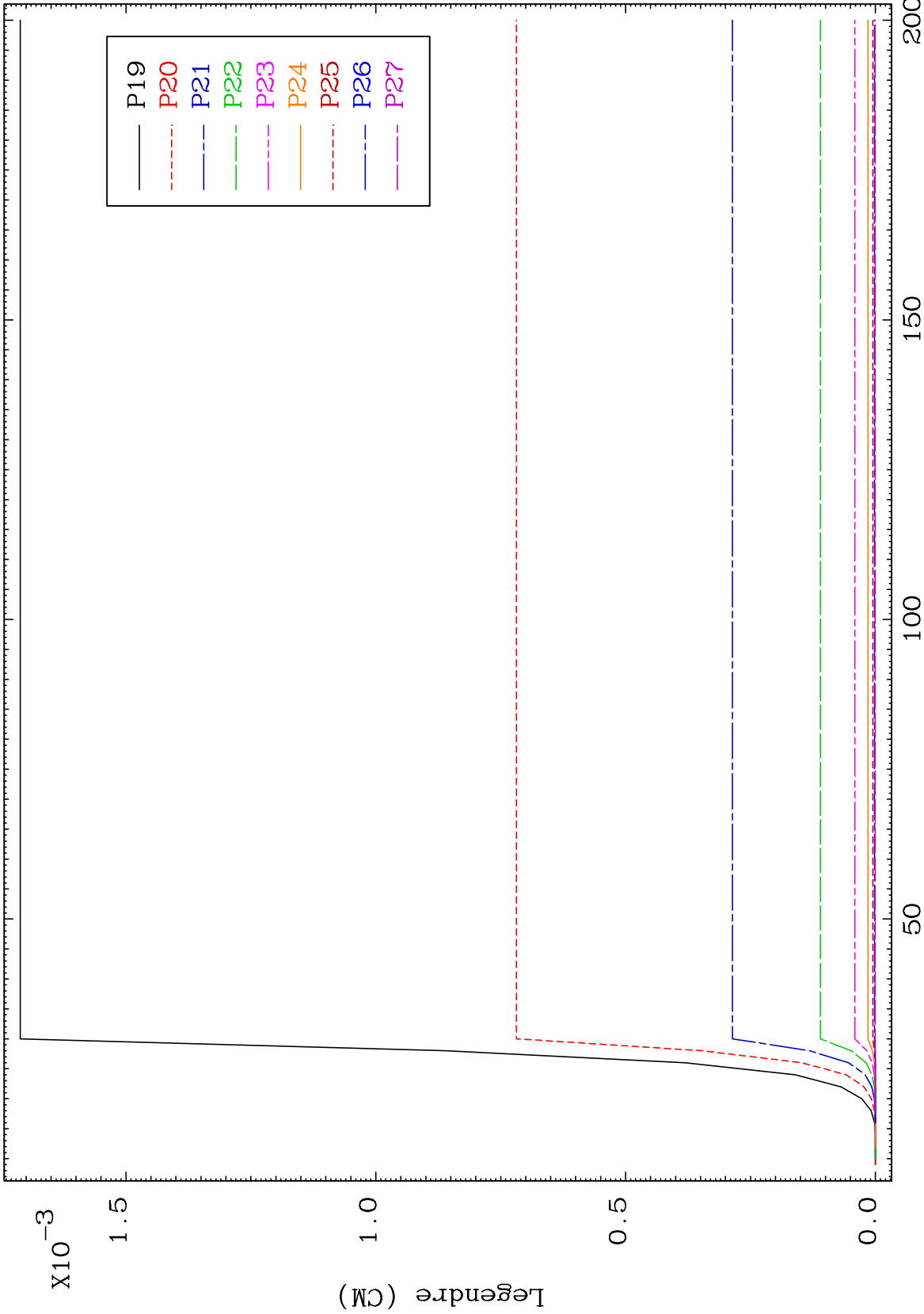
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32

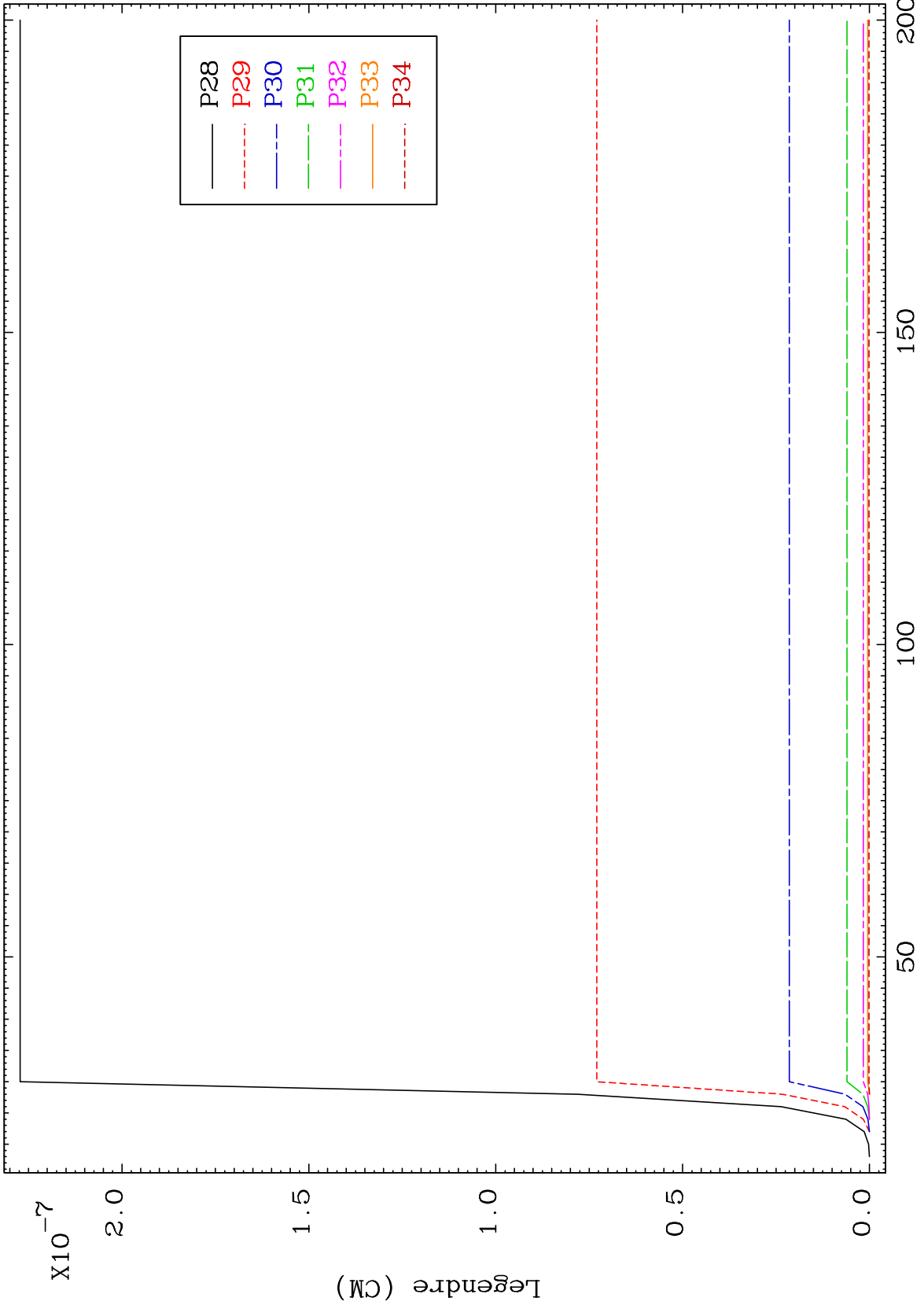
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



33

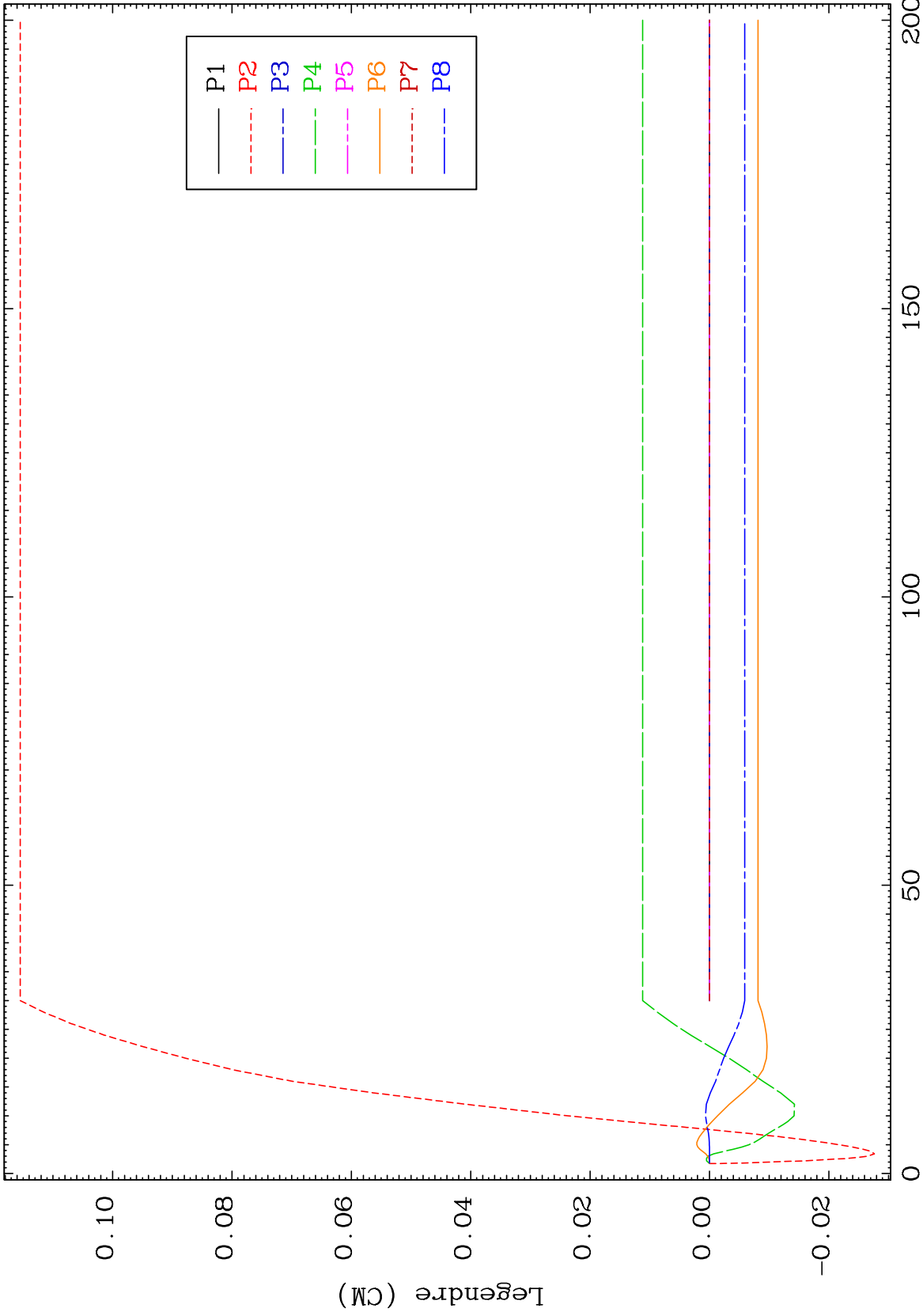
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



34

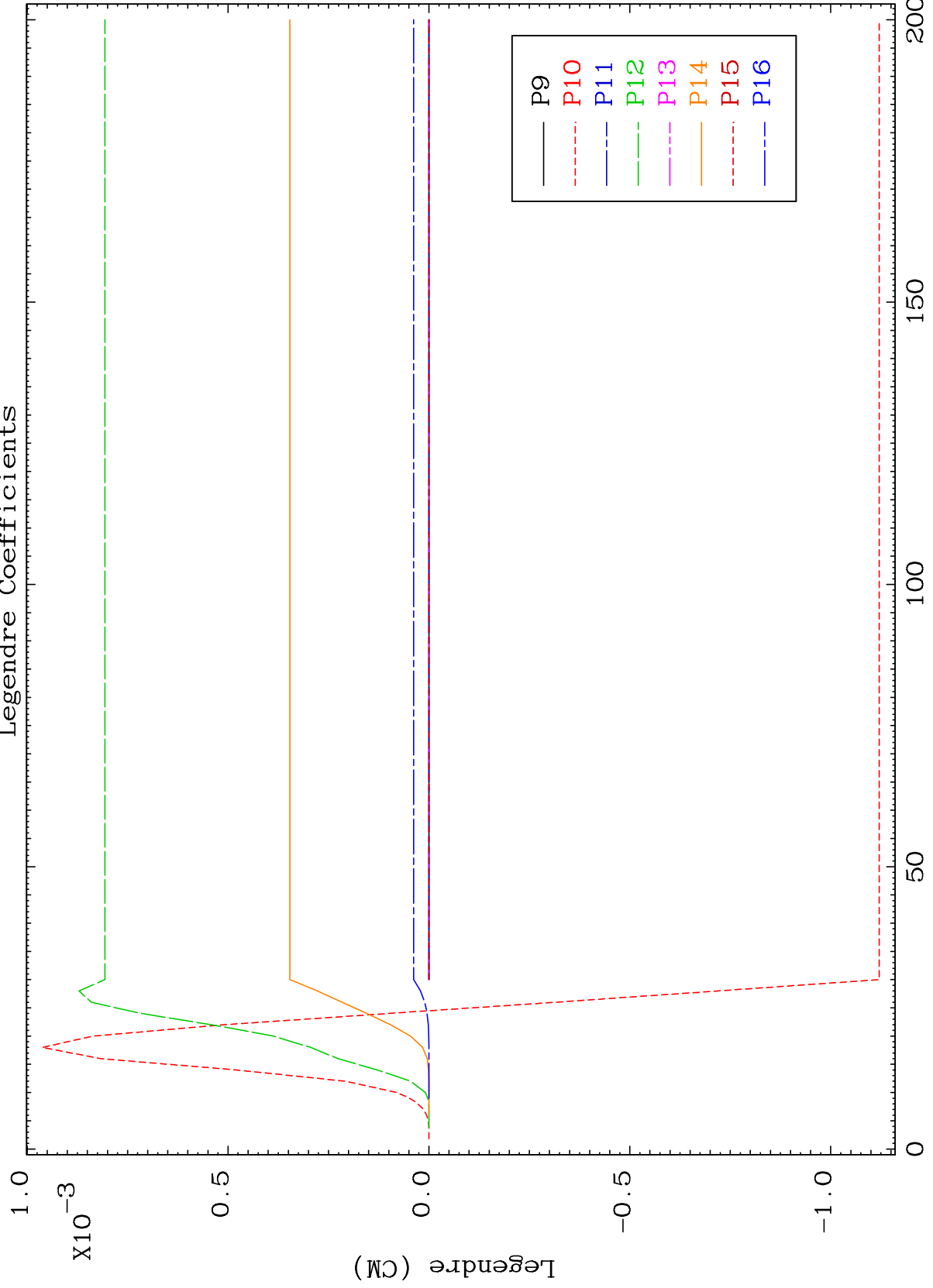
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

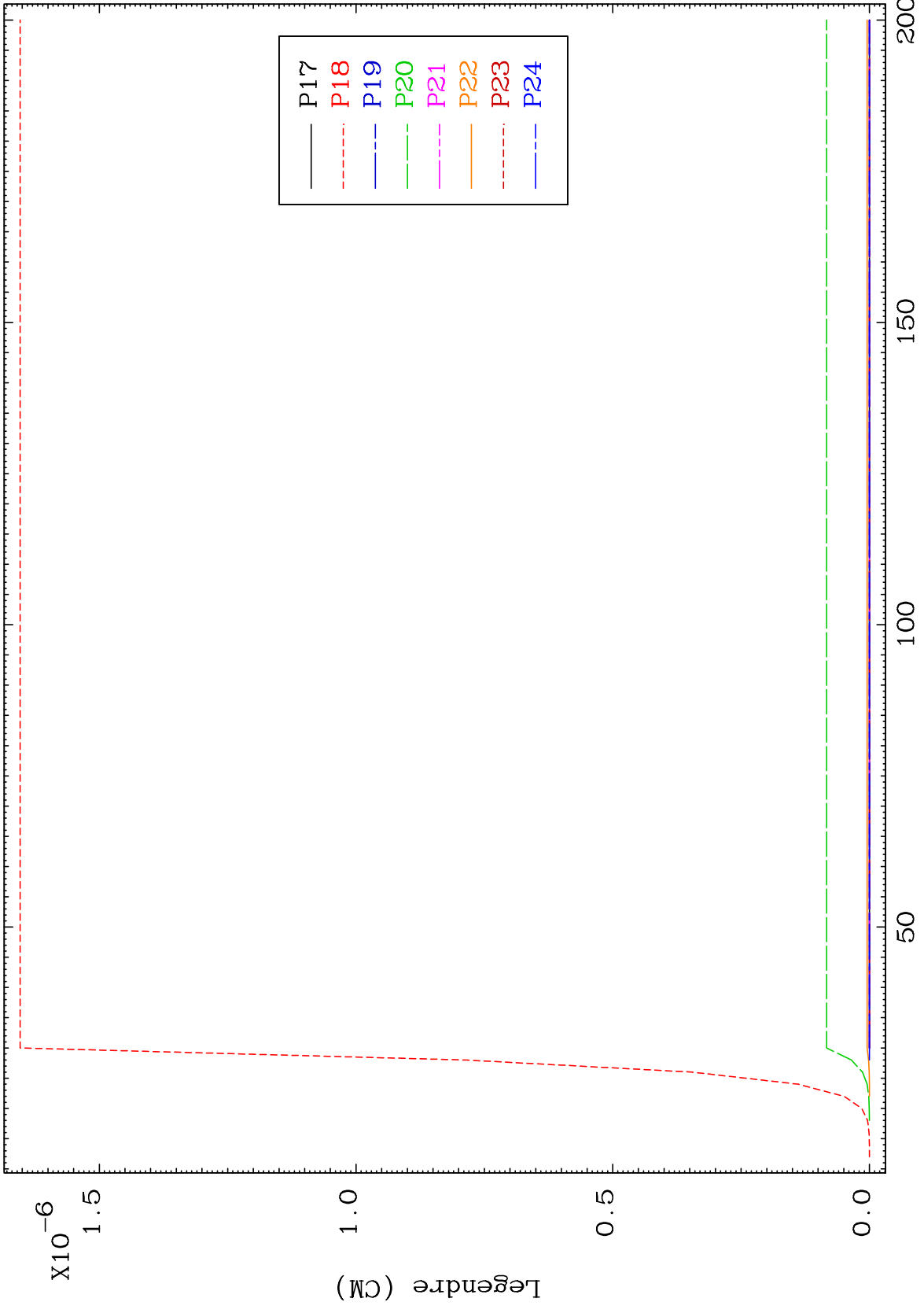


32-Ge-74

Incident Energy (MeV)

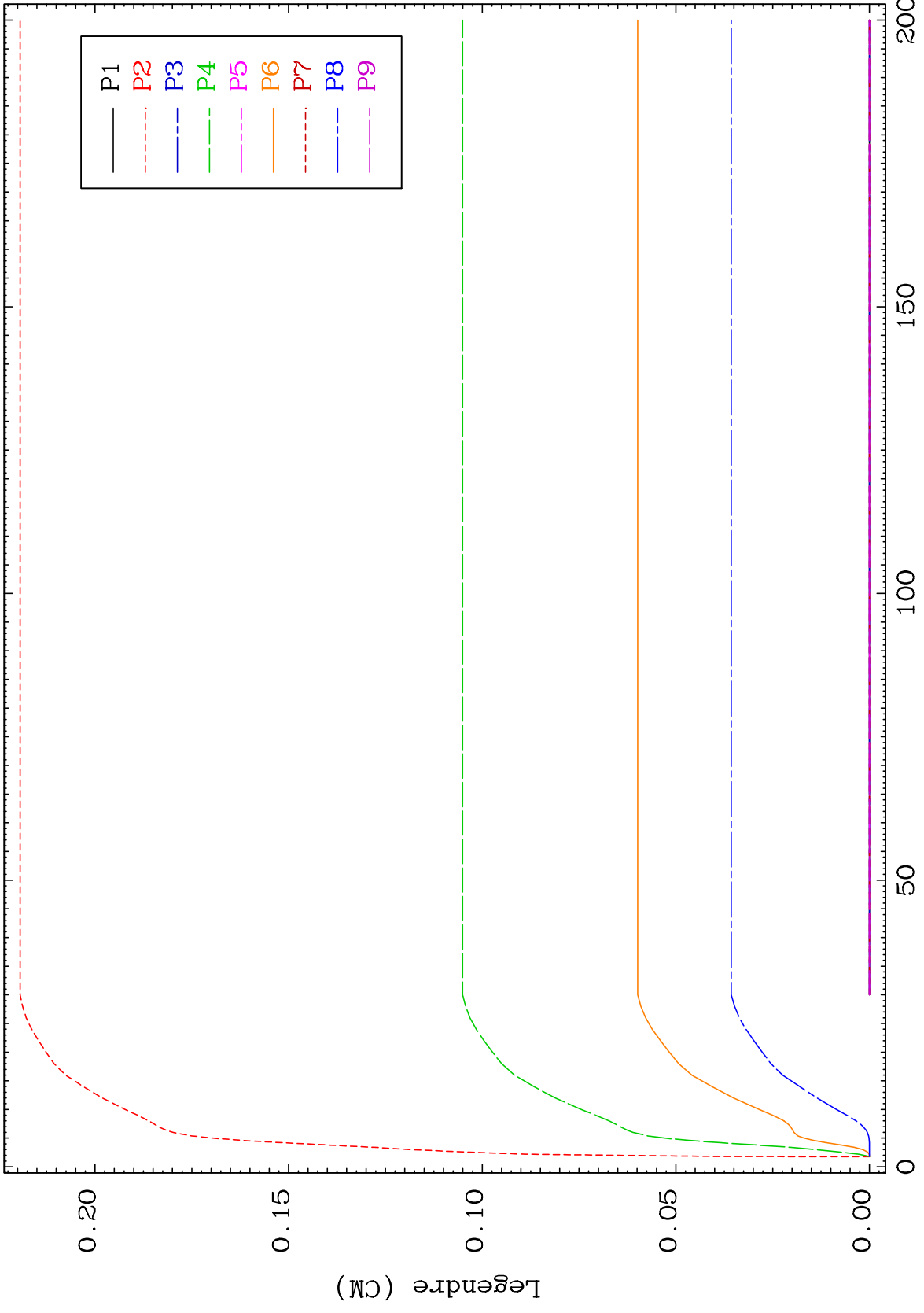
35

MAT 3237 MT= 55 (n,n') Level Legendre Coefficients 32-Ge-74



36 32-Ge-74

MAT 3237 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-74

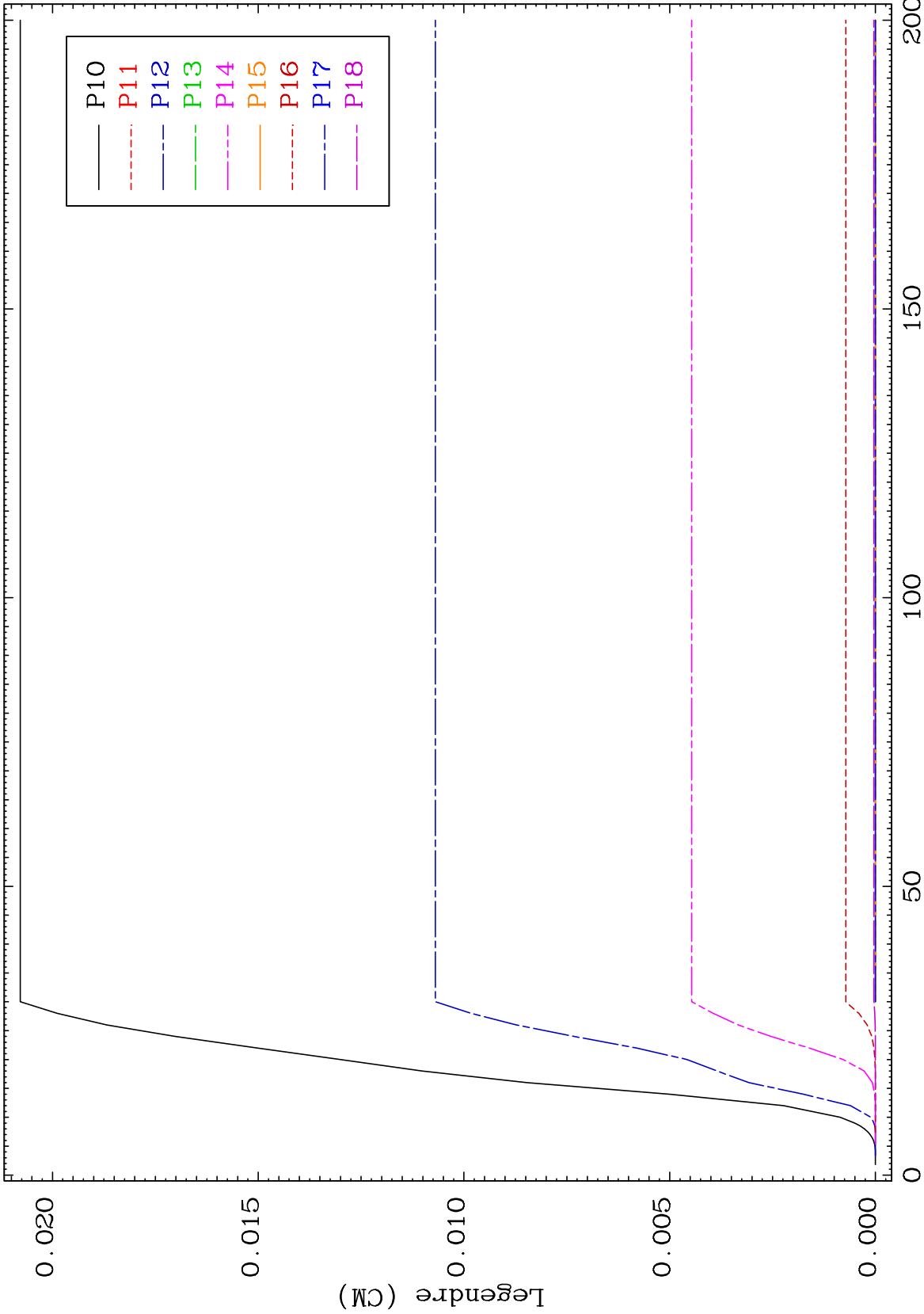


37 32-Ge-74

MAT 3237

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

32-Ge-74

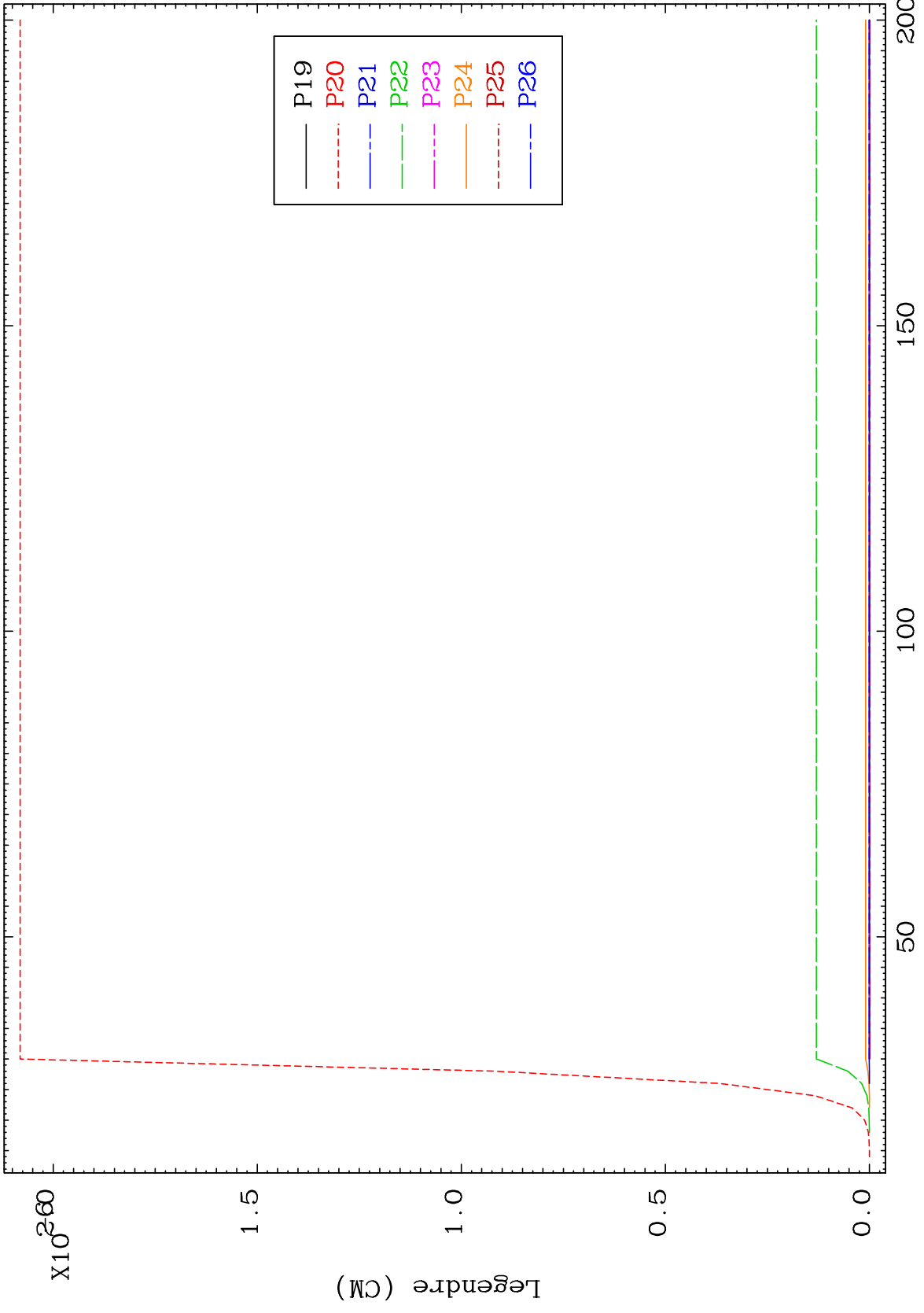


38

Incident Energy (MeV)

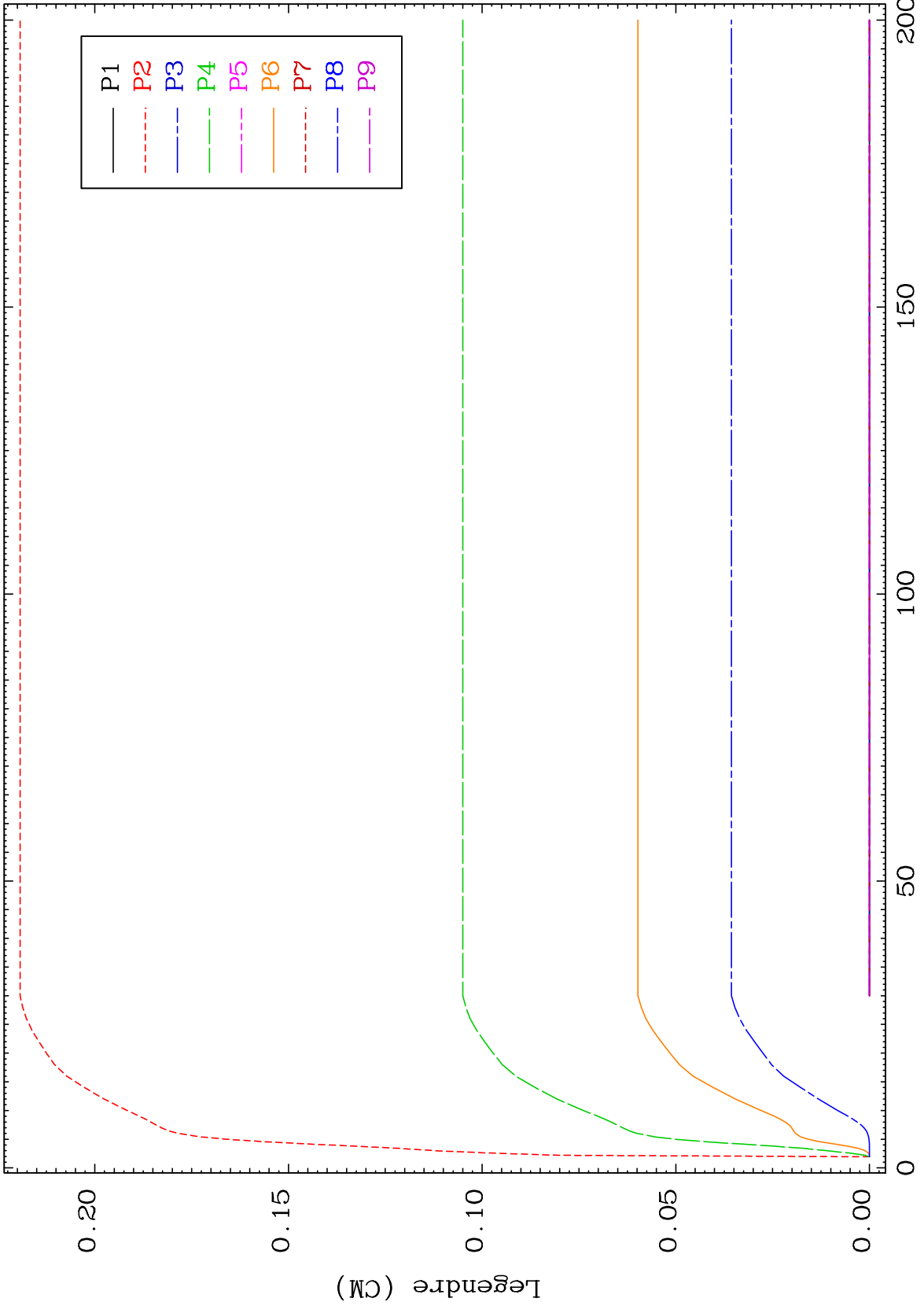
32-Ge-74

MAT 3237 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-74



39 Incident Energy (MeV) 200 32-Ge-74

MAT 3237 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-74

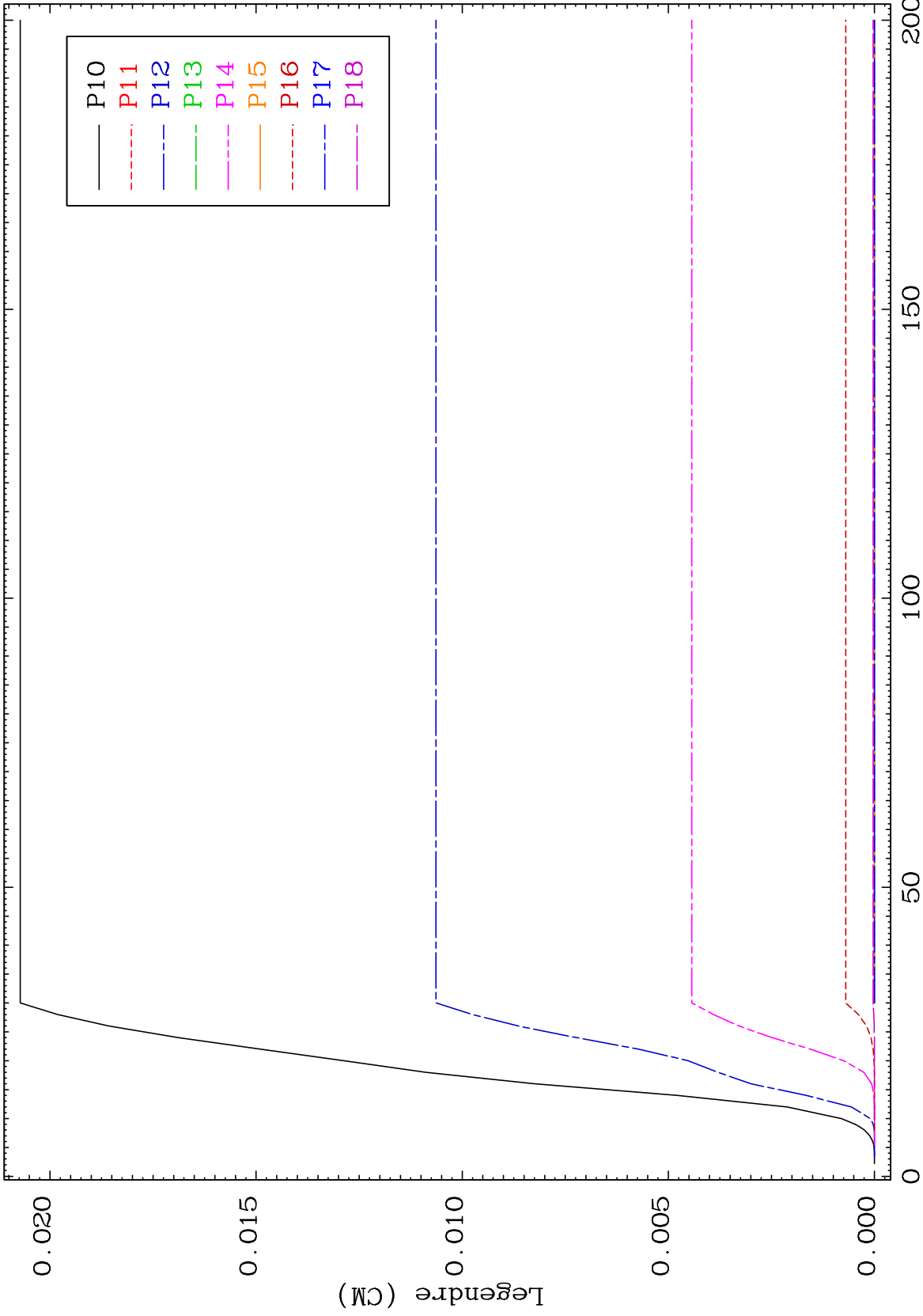


Incident Energy (MeV) 32-Ge-74

MAT 3237

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

32-Ge-74

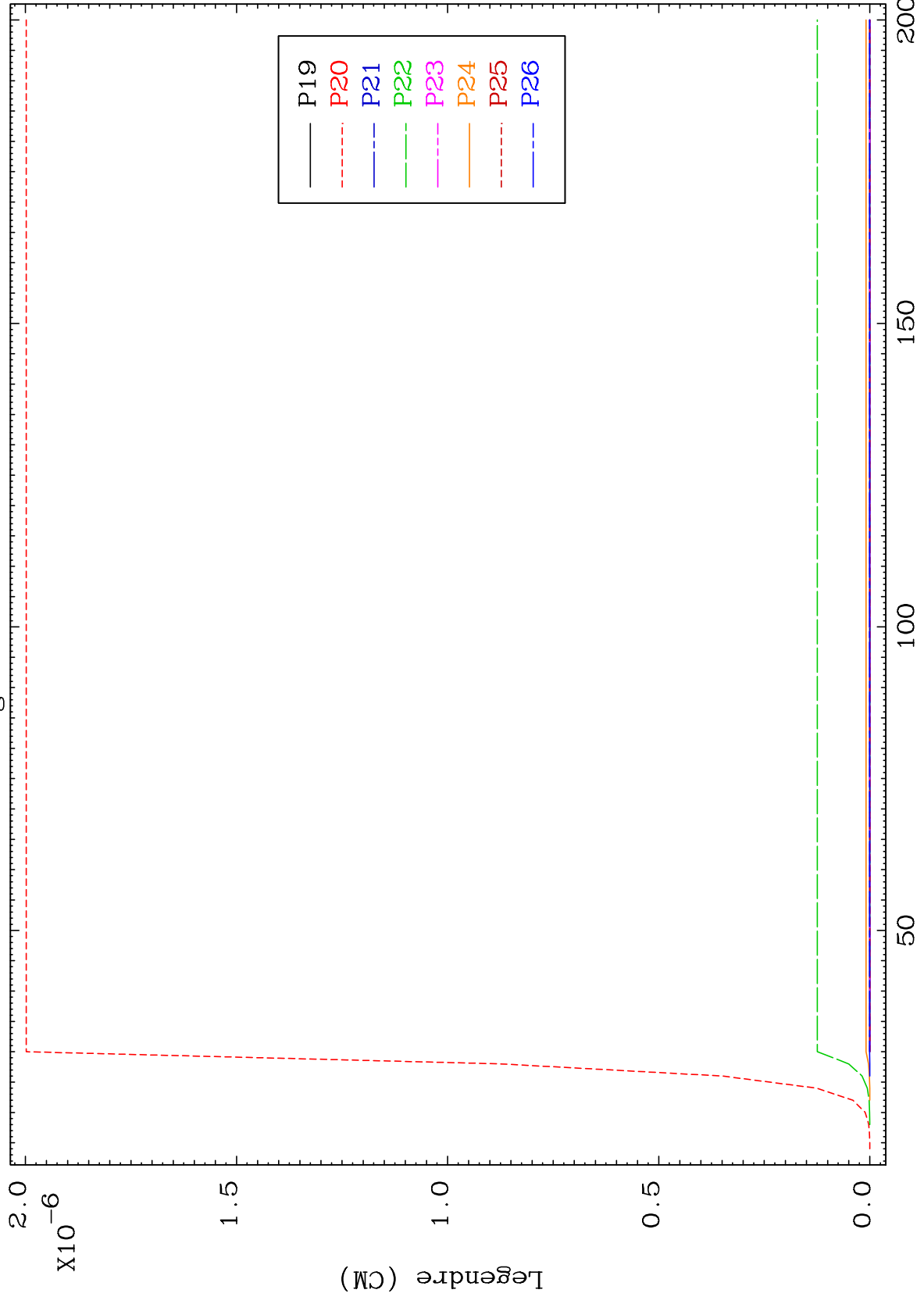


41

Incident Energy (MeV)

32-Ge-74

MAT 3237 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-74

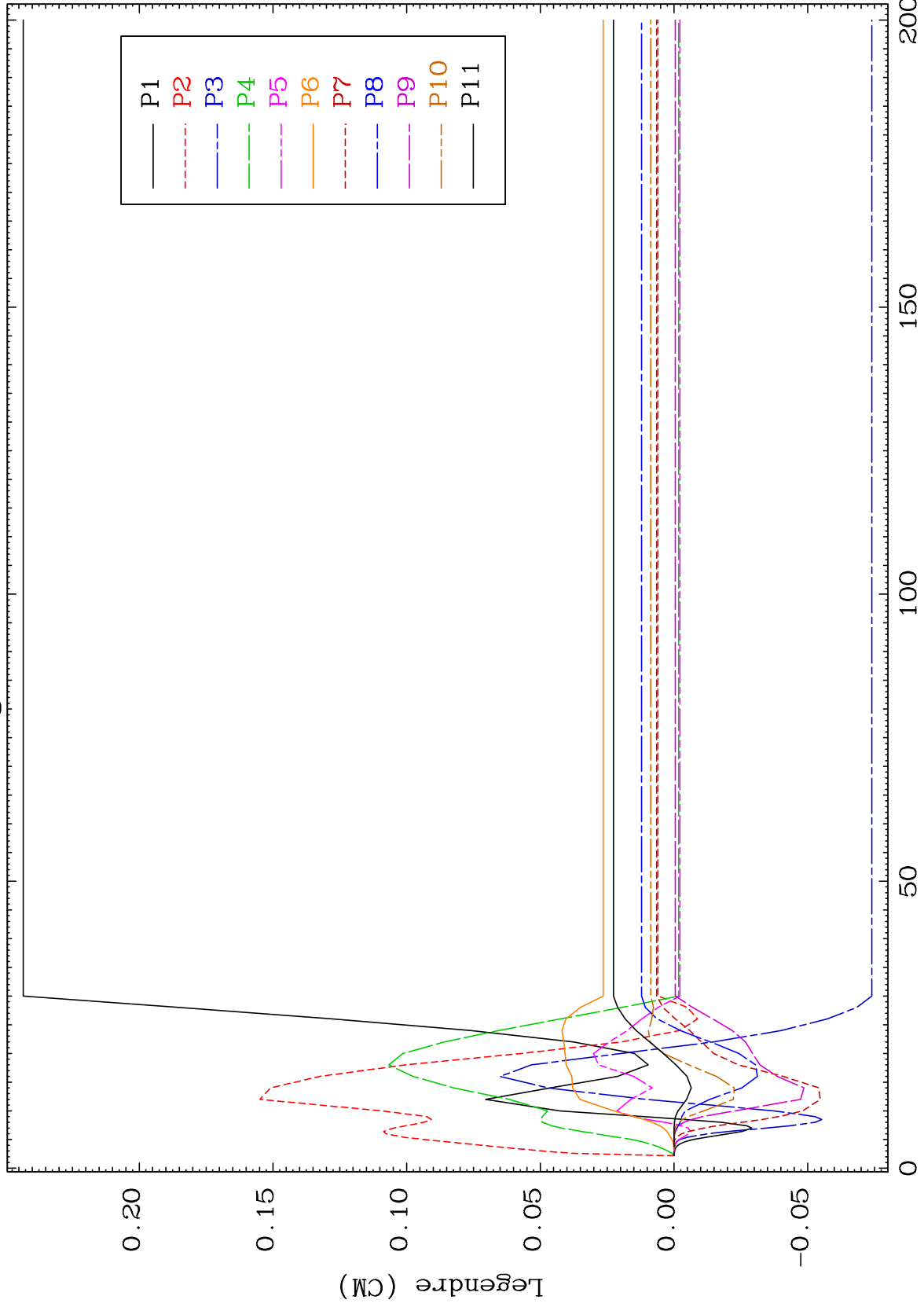


42 Incident Energy (MeV) 32-Ge-74

MAT 3237

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

32-Ge-74



43

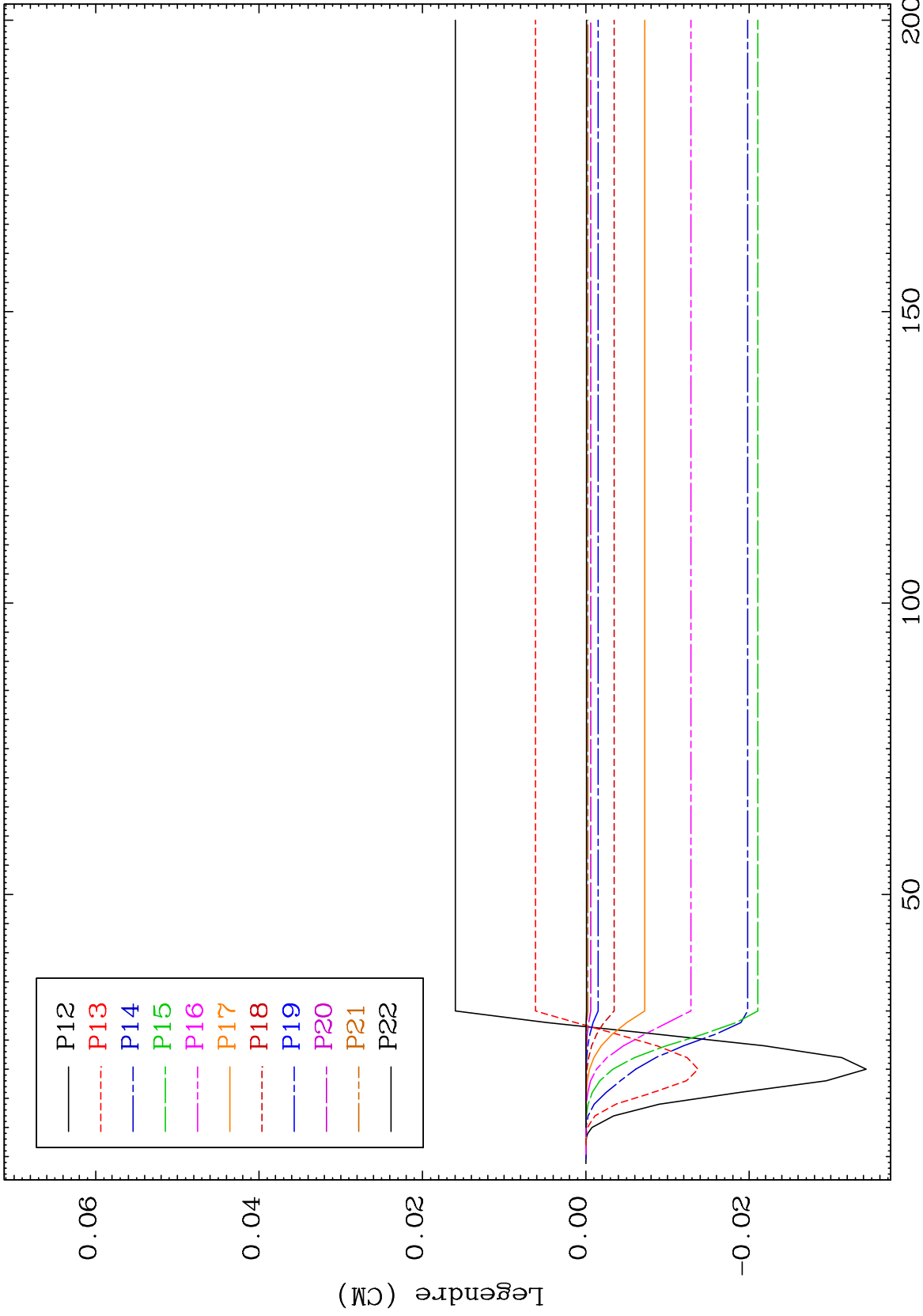
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



44

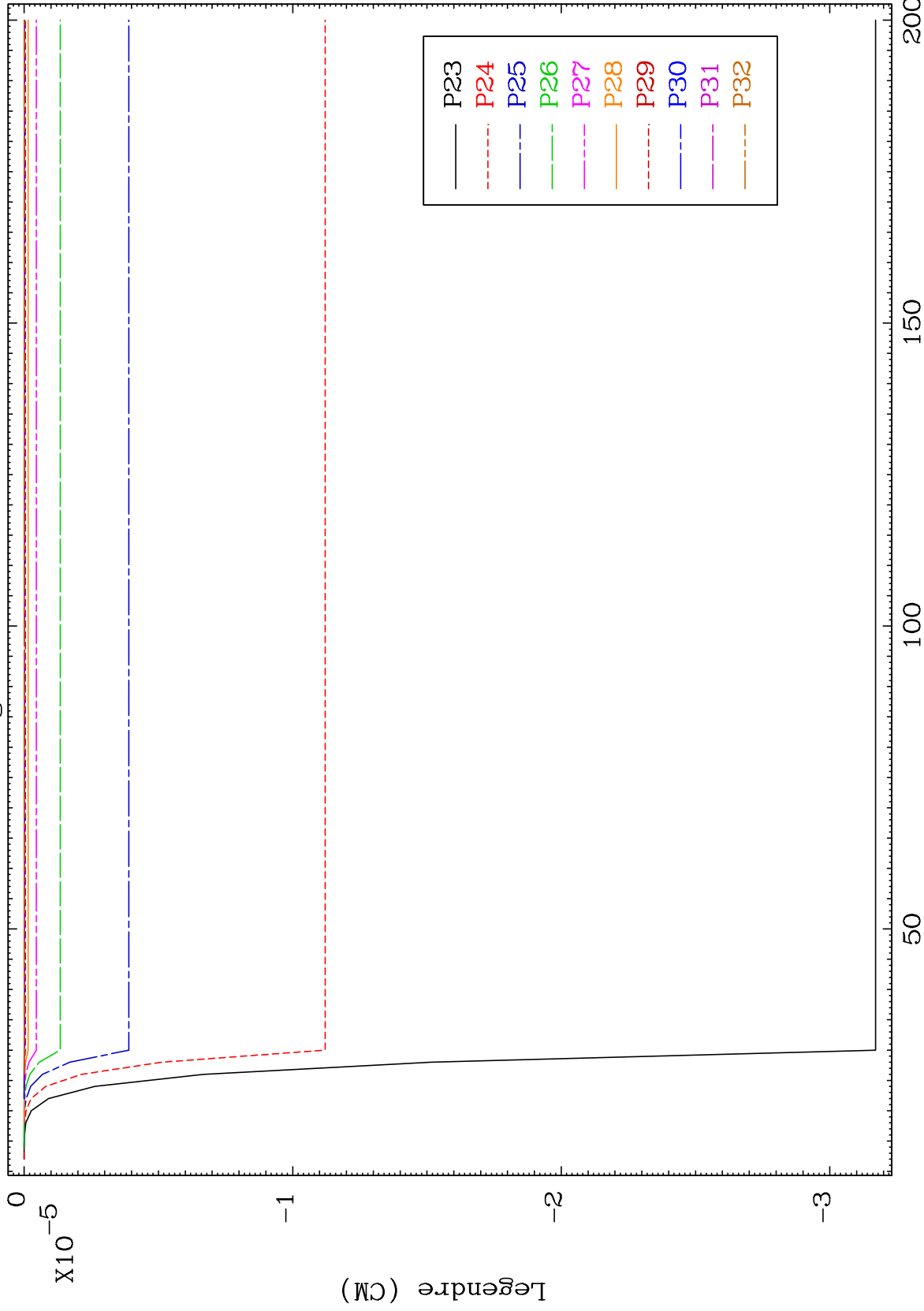
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32-Ge-74

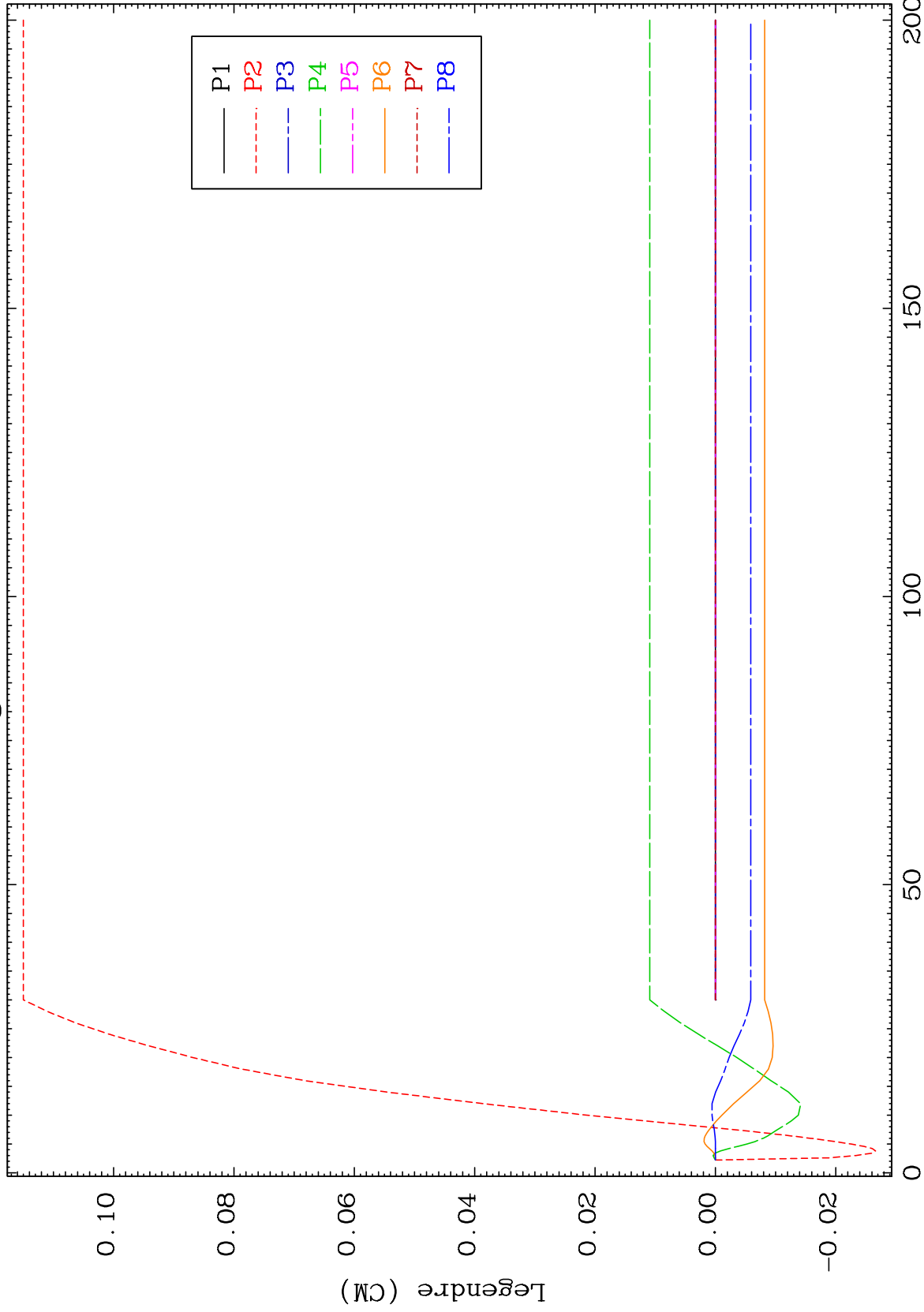
Incident Energy (MeV)

45

MAT 3237

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

32-Ge-74



46

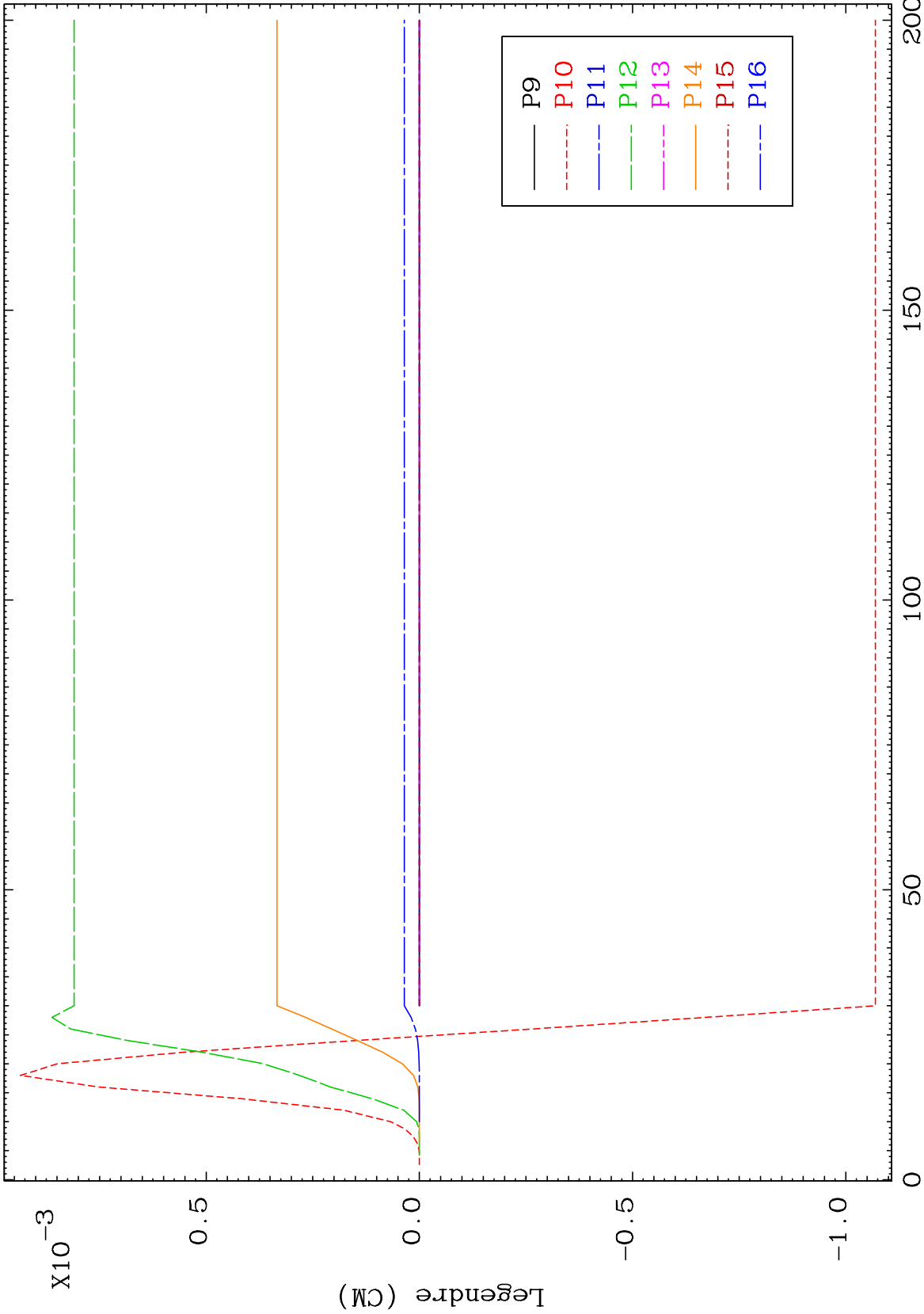
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

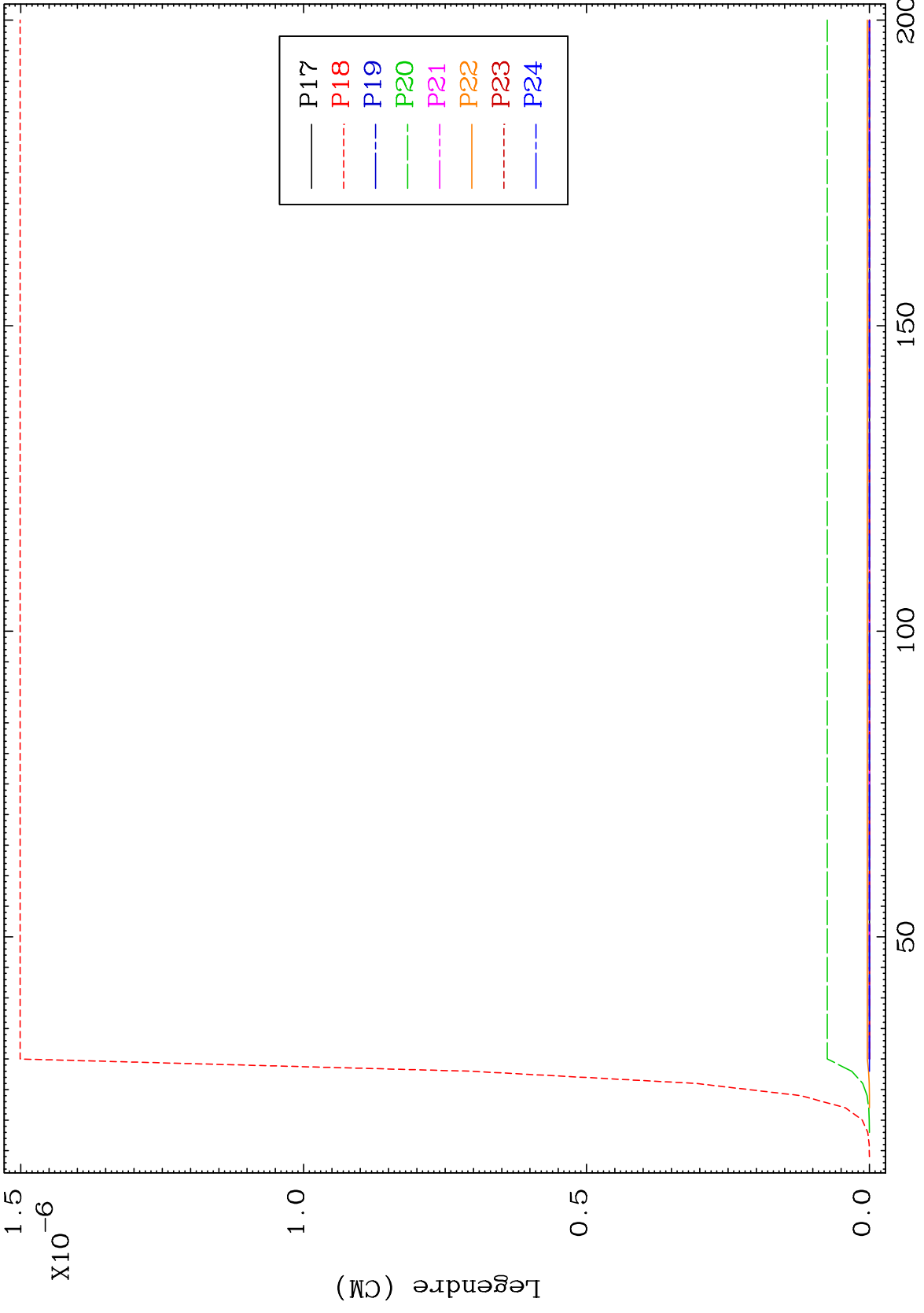


47

Incident Energy (MeV)

32-Ge-74

MAT 3237 MT= 59 (n,n') Level Legendre Coefficients 32-Ge-74

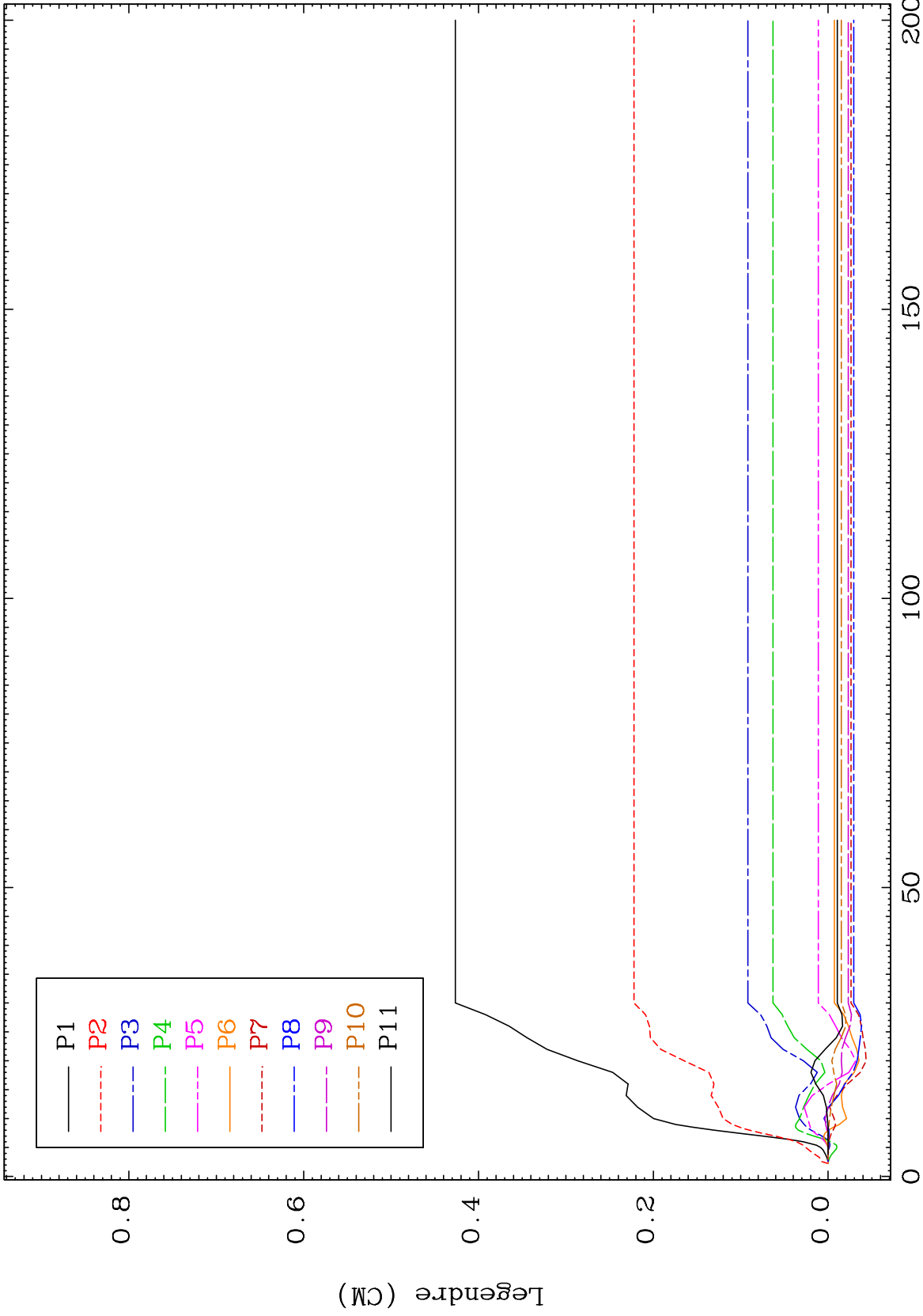


48 Incident Energy (MeV) 32-Ge-74

MAT 3237

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

32-Ge-74



49

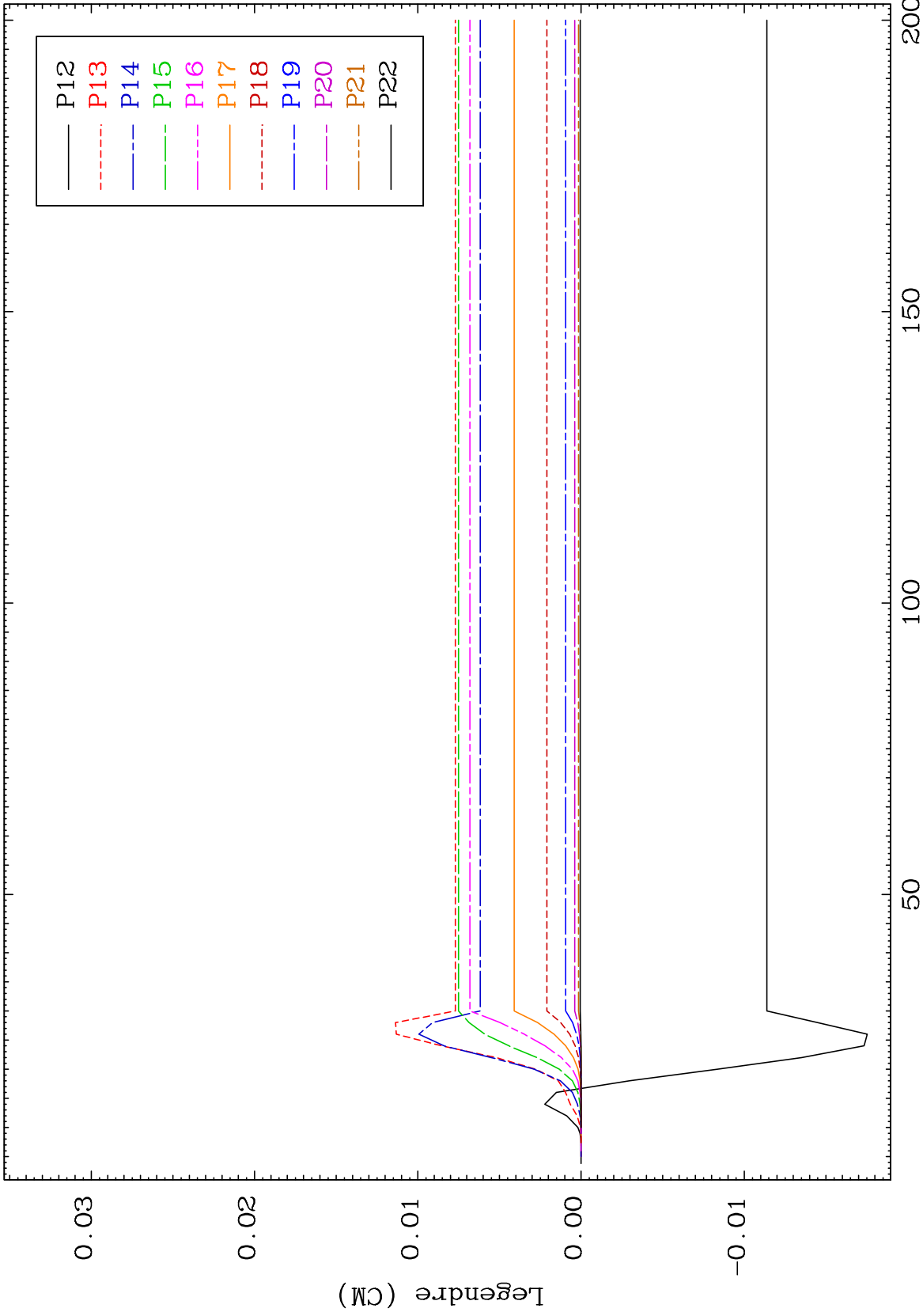
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



50

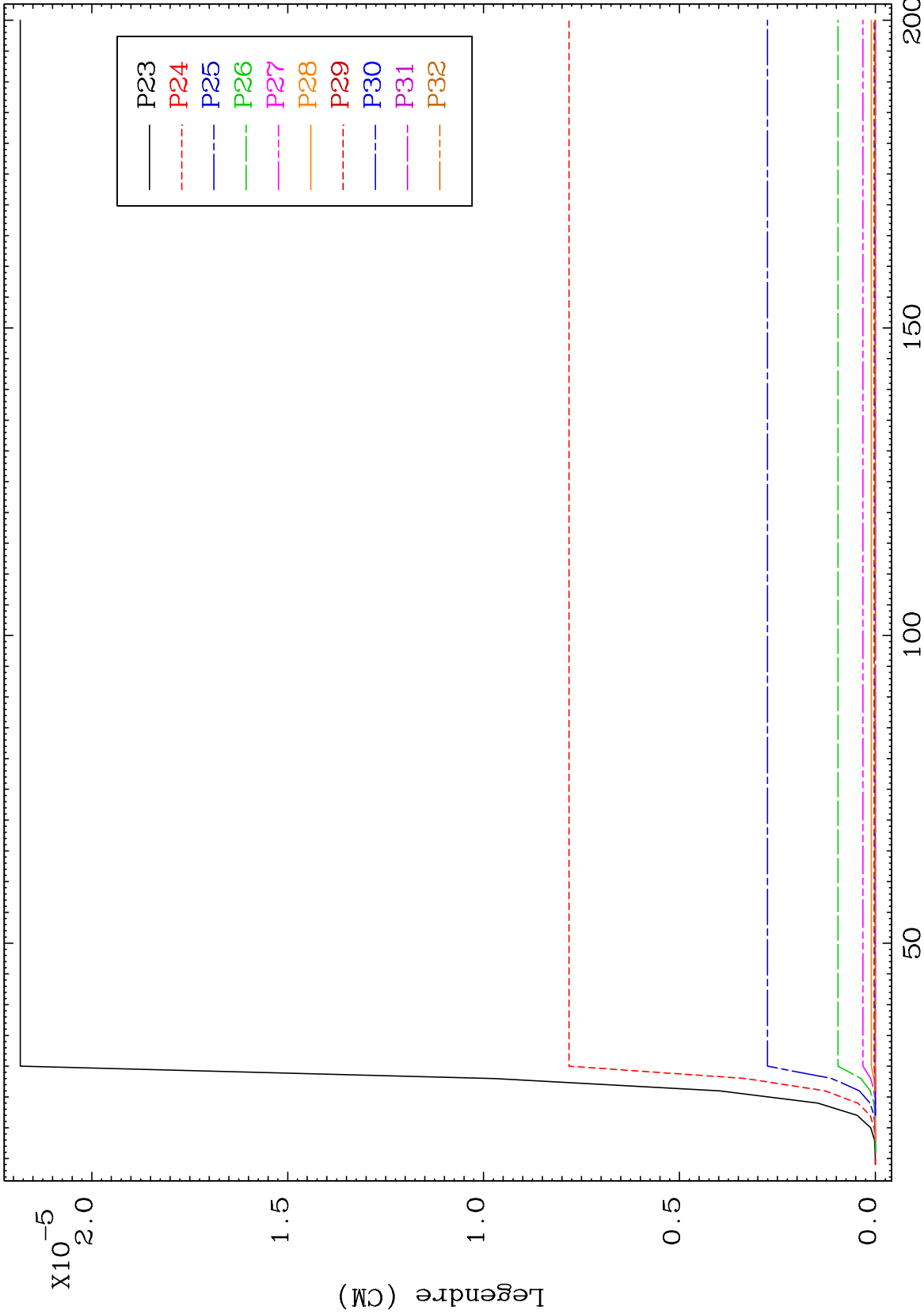
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

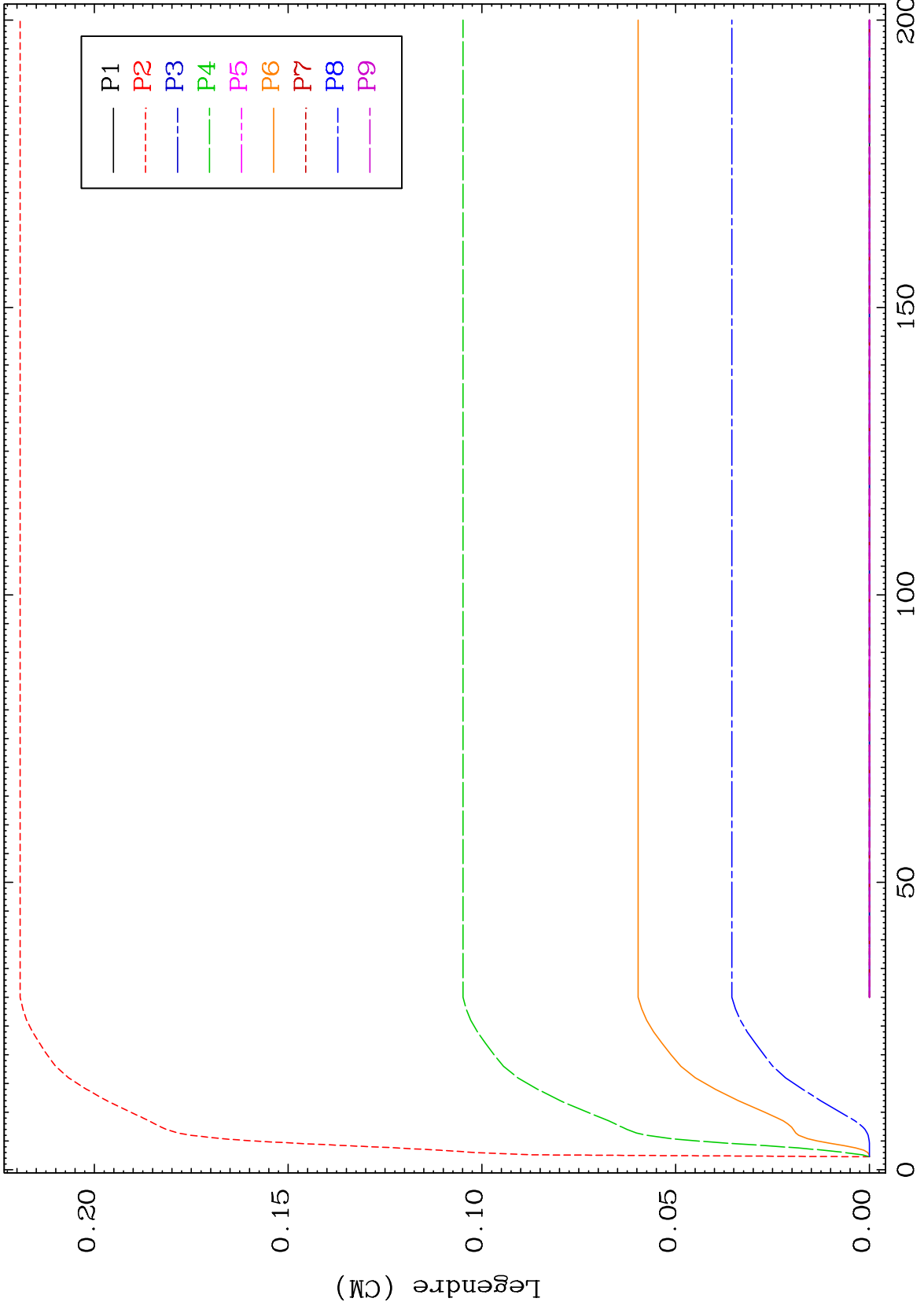


51

Incident Energy (MeV)

32-Ge-74

MAT 3237 MT= 61 (n,n') Level Legendre Coefficients 32-Ge-74

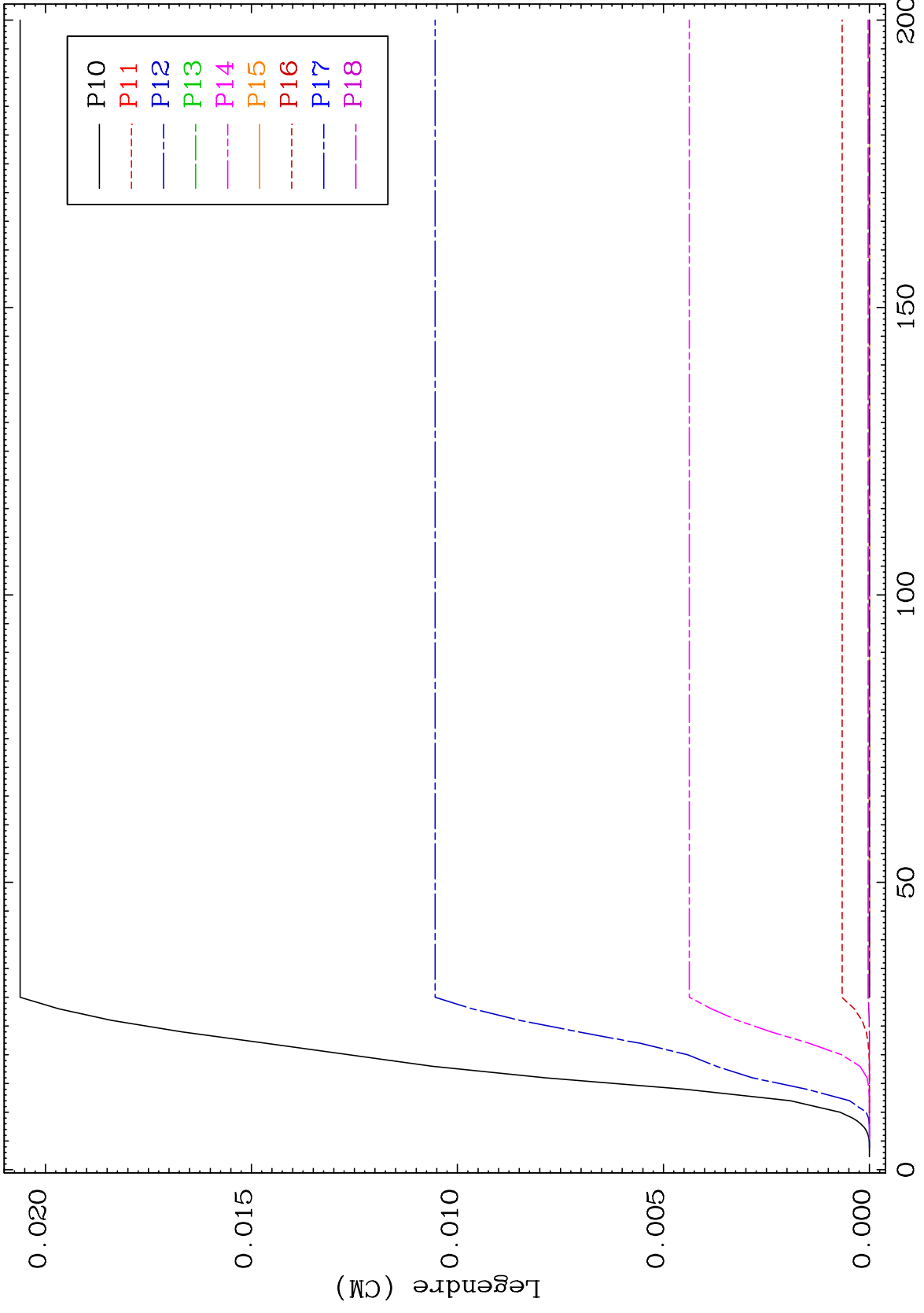


52 Incident Energy (MeV) 32-Ge-74

MAT 3237

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

32-Ge-74



53

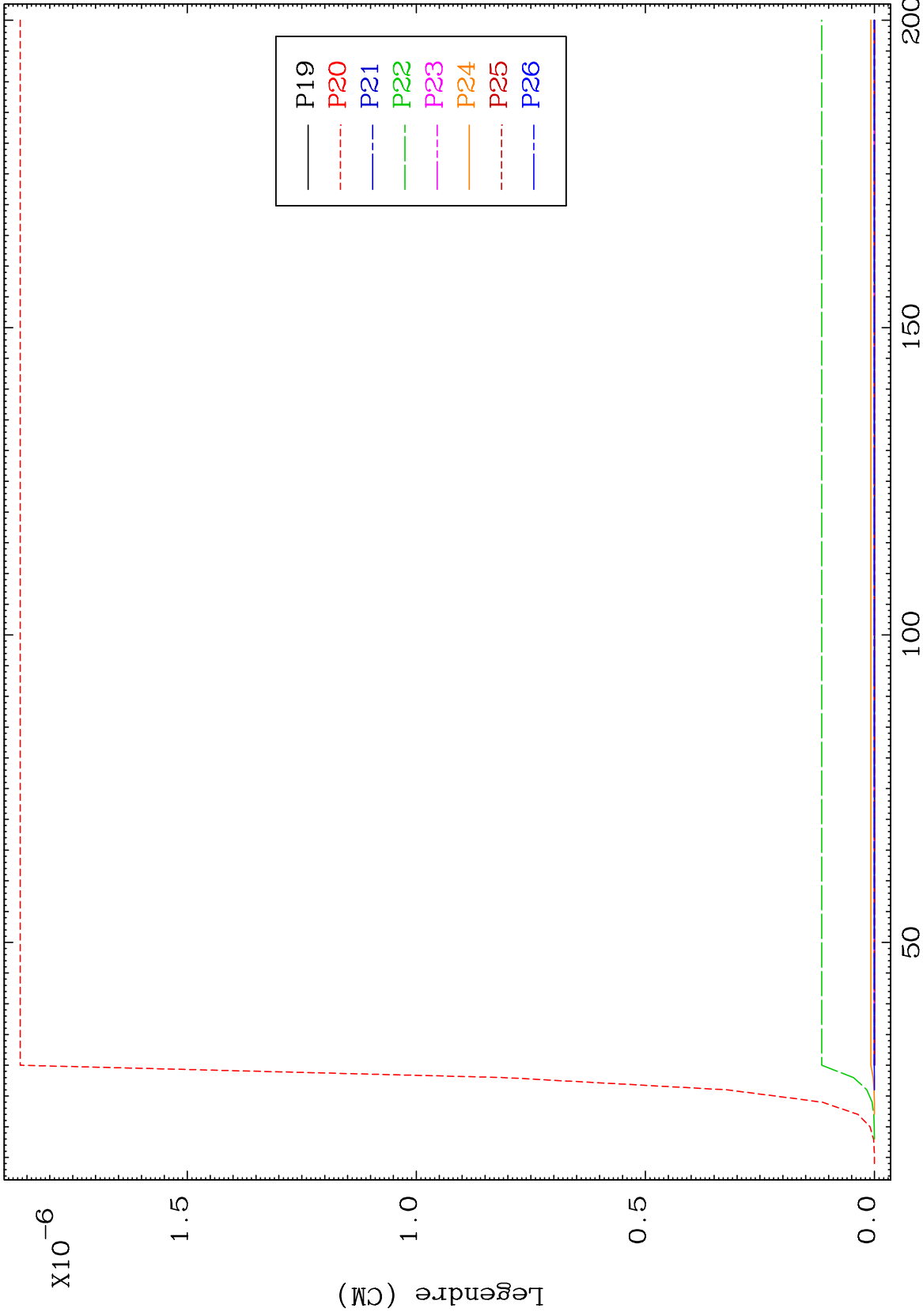
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



54

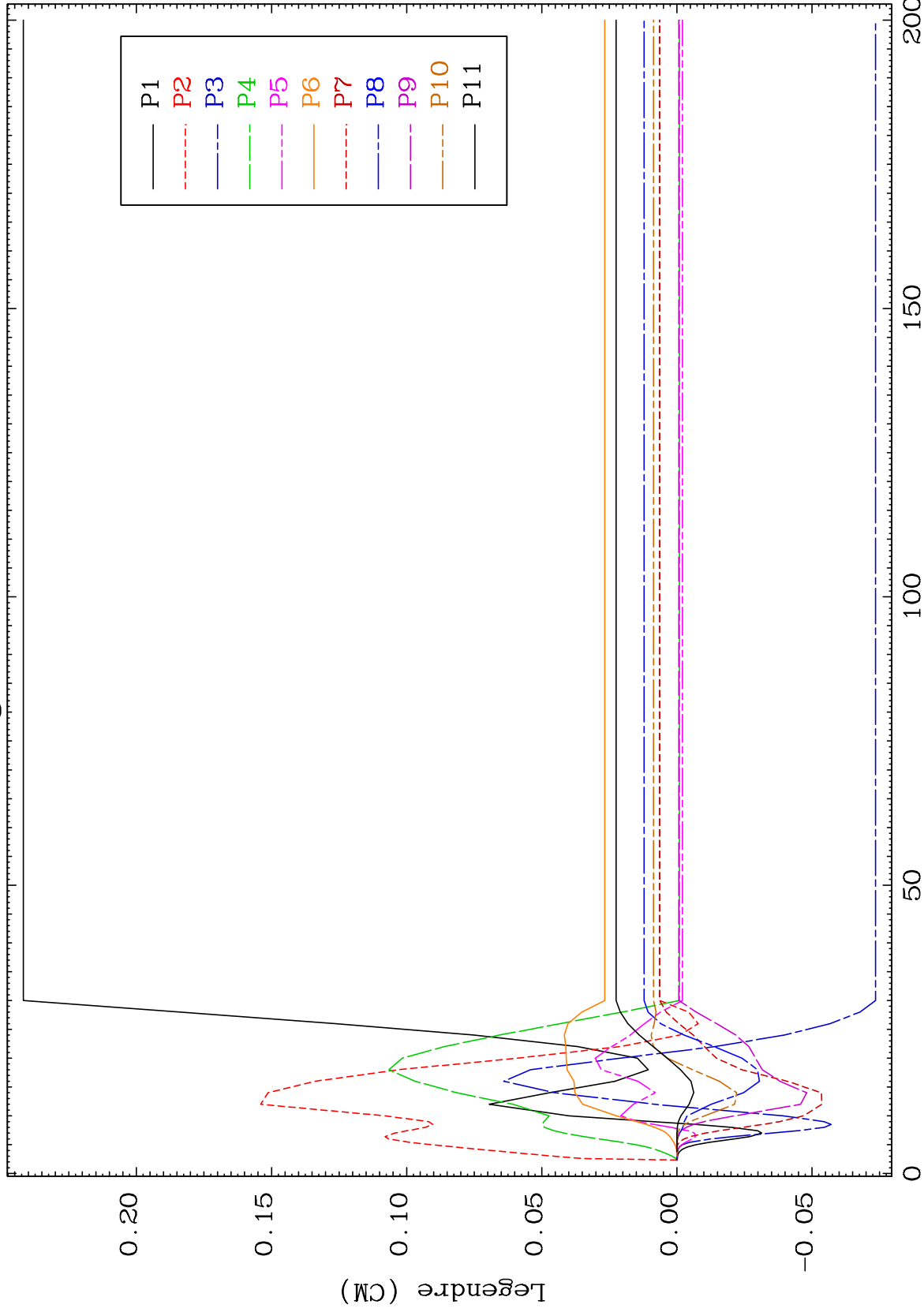
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



55

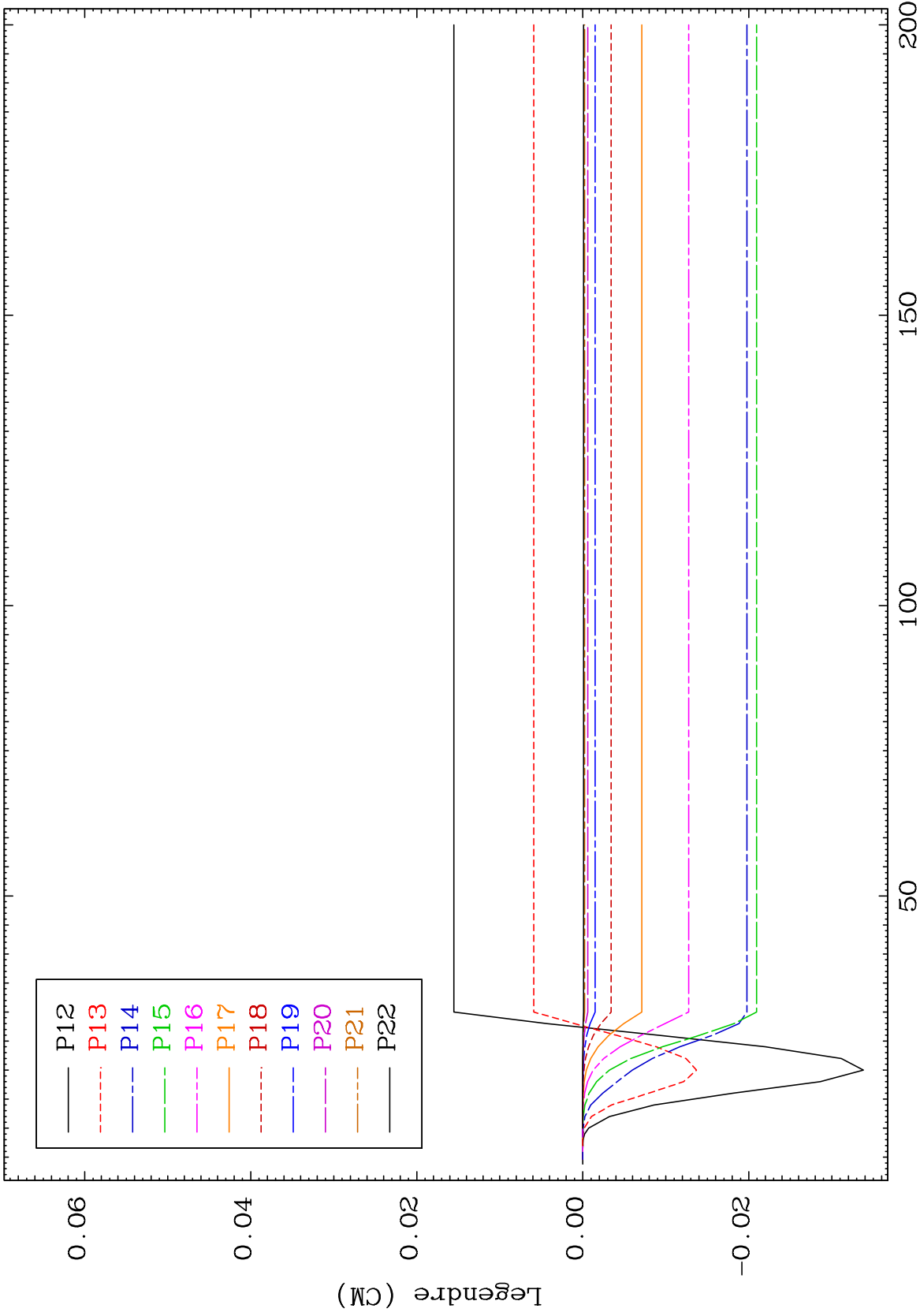
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



56

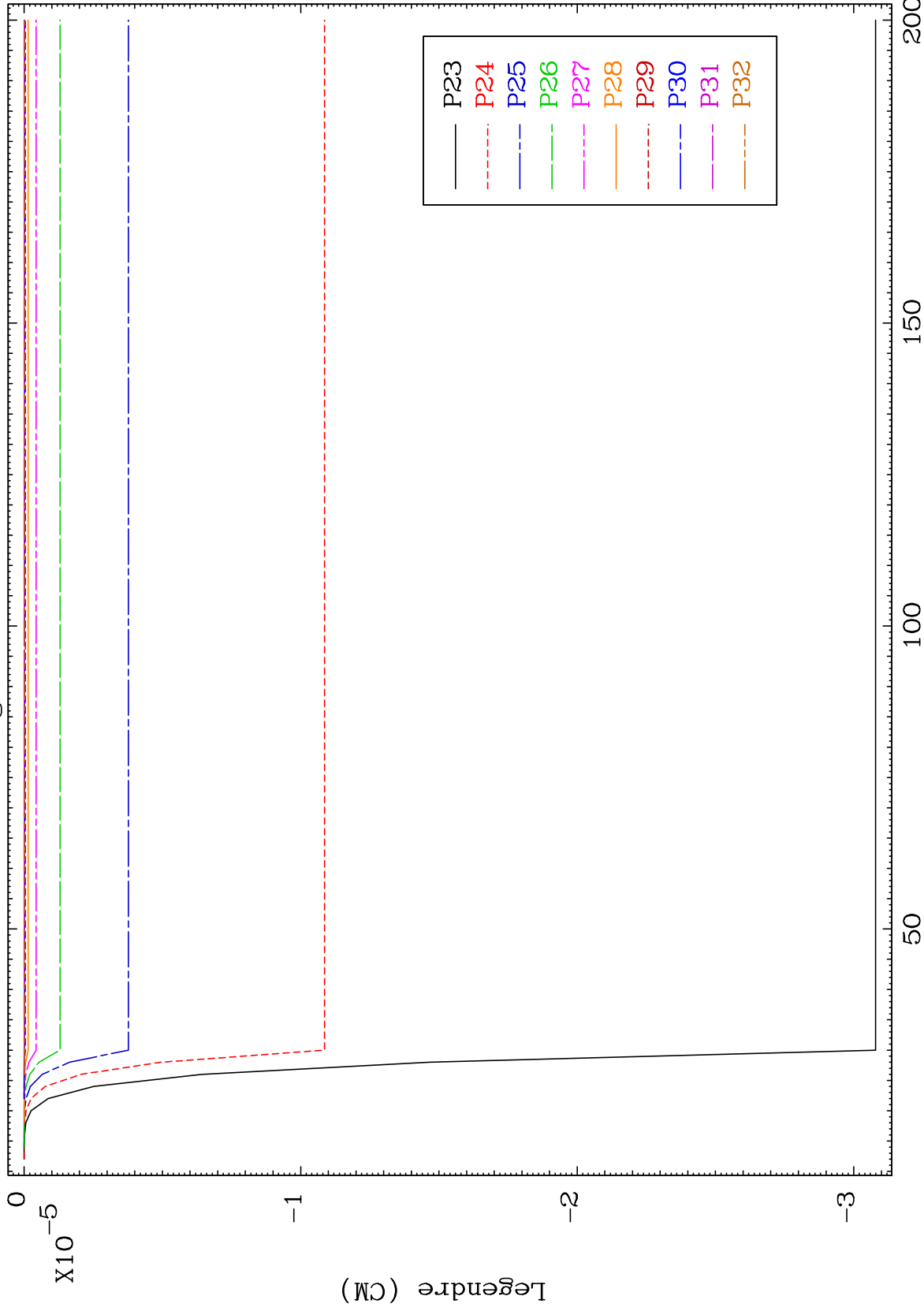
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



57

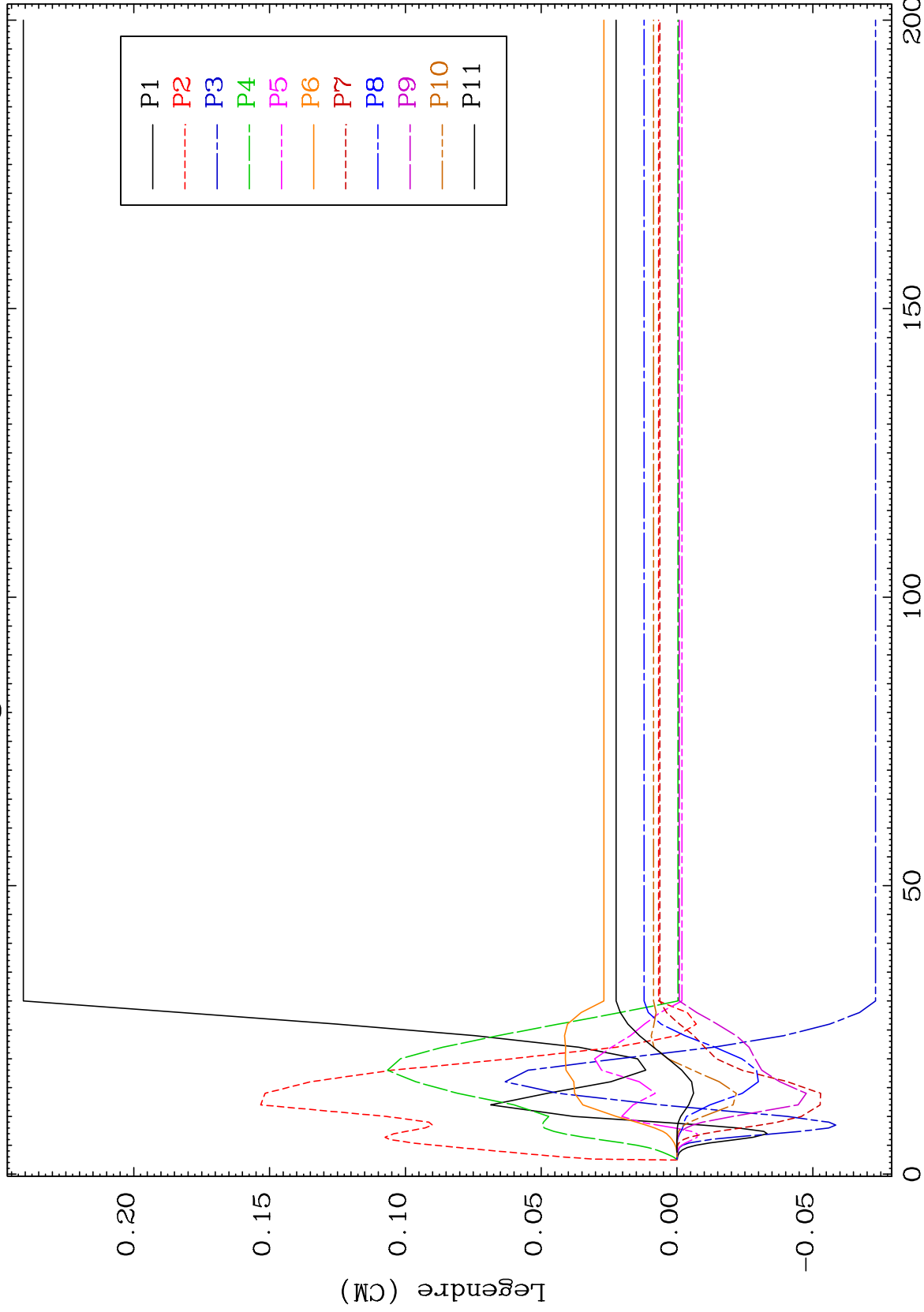
32-Ge-74

200

MAT 3237

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

32-Ge-74



58

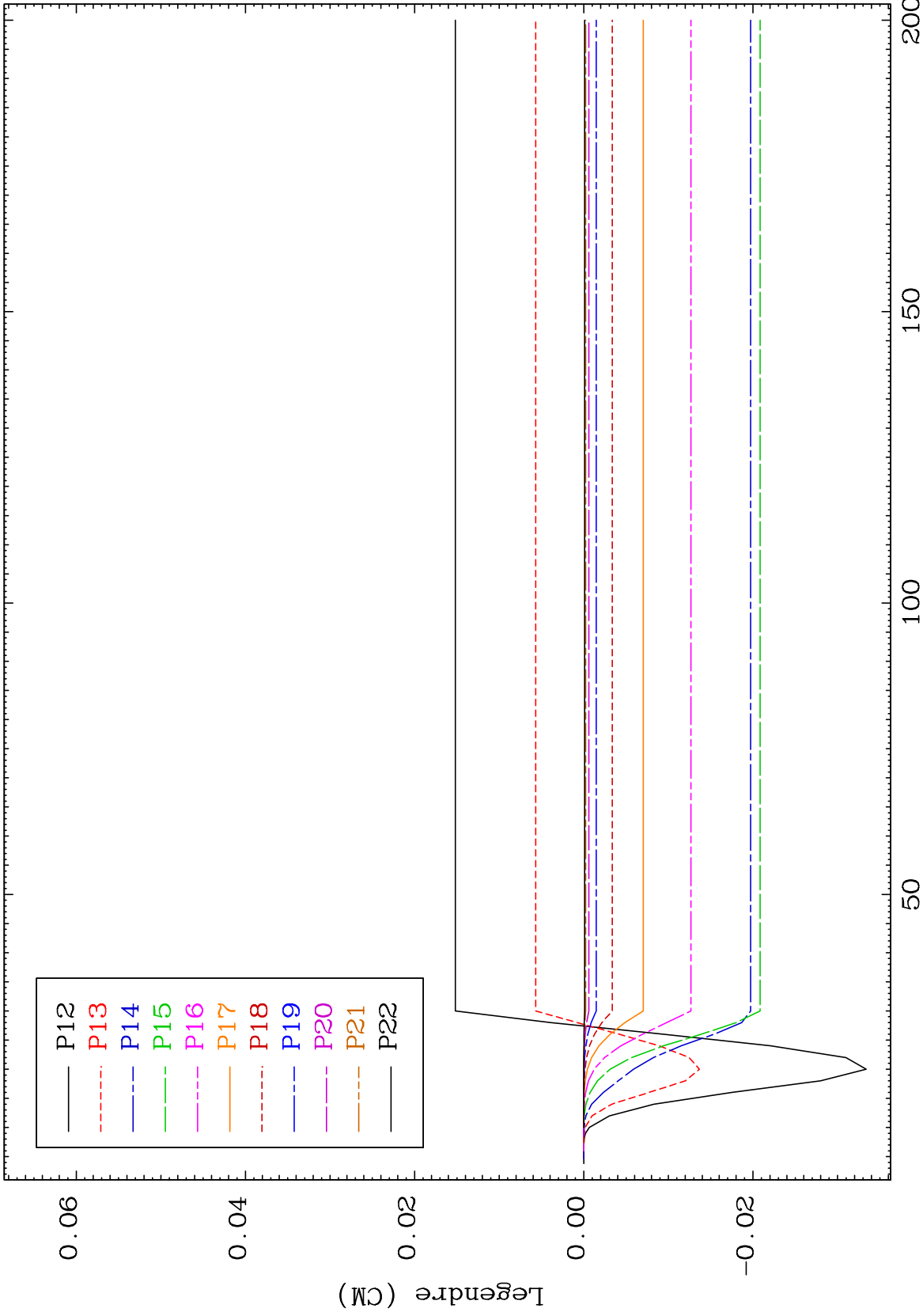
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



59

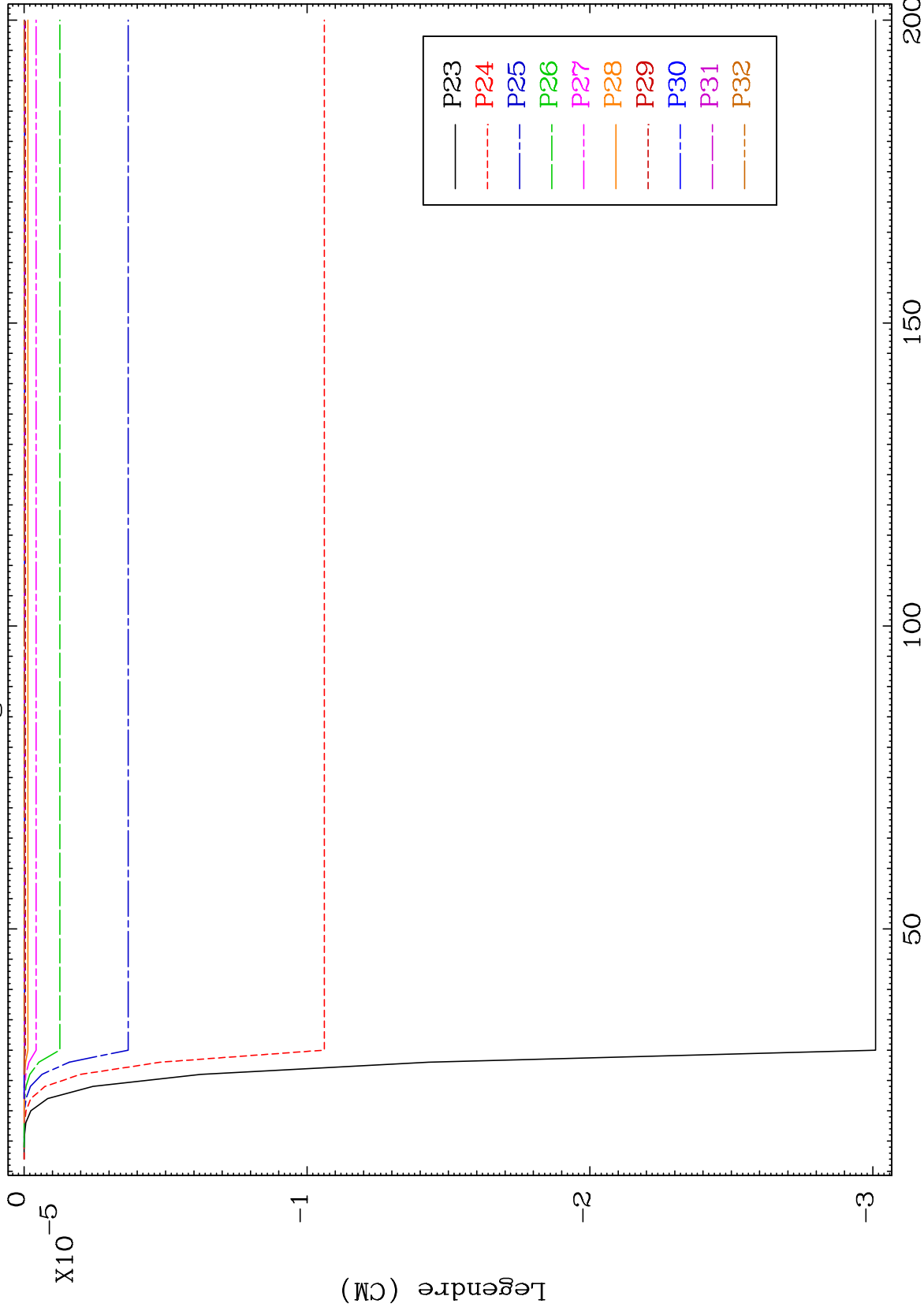
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



60

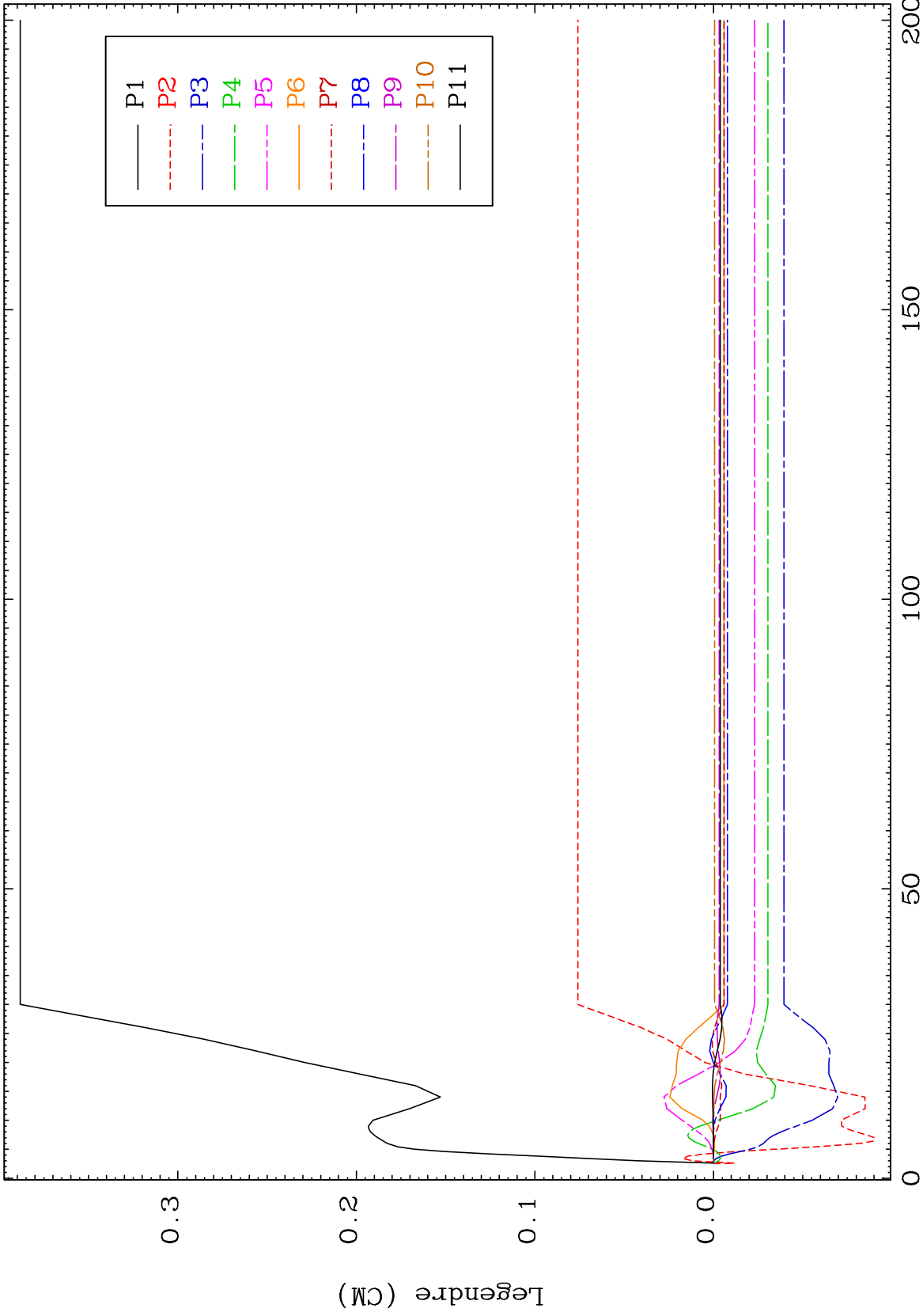
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



61

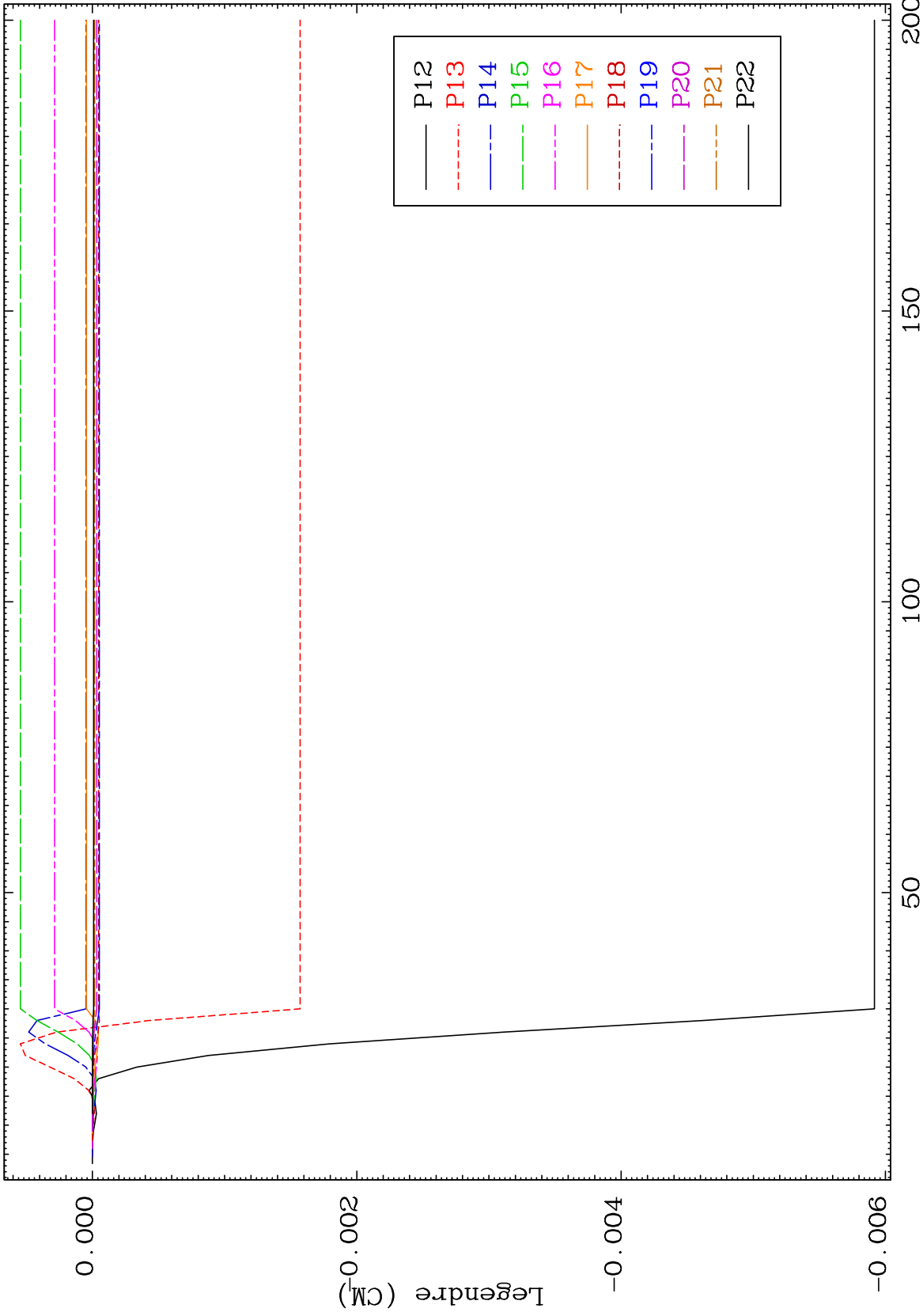
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



62

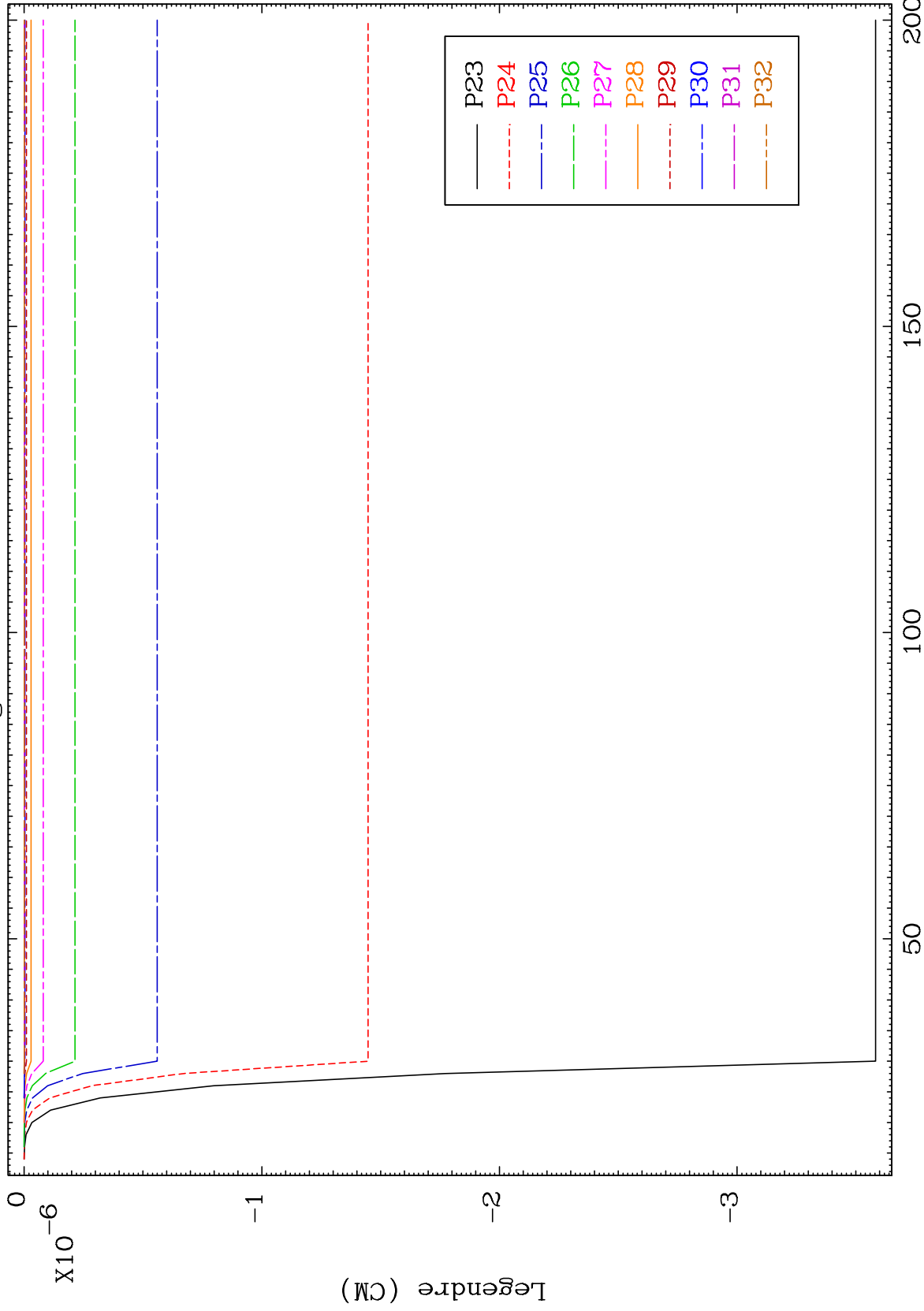
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



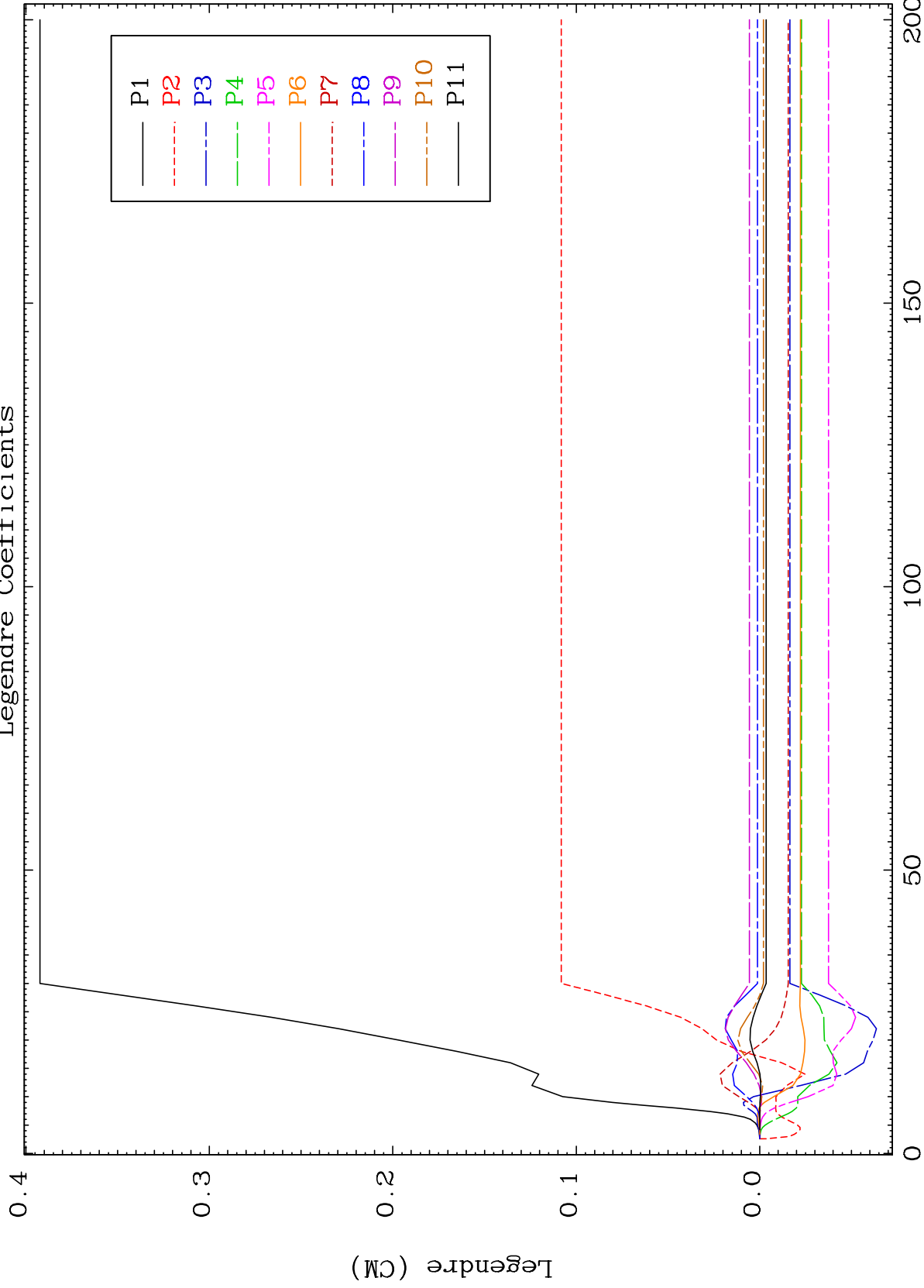
63

32-Ge-74

MAT 3237

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

32-Ge-74



64

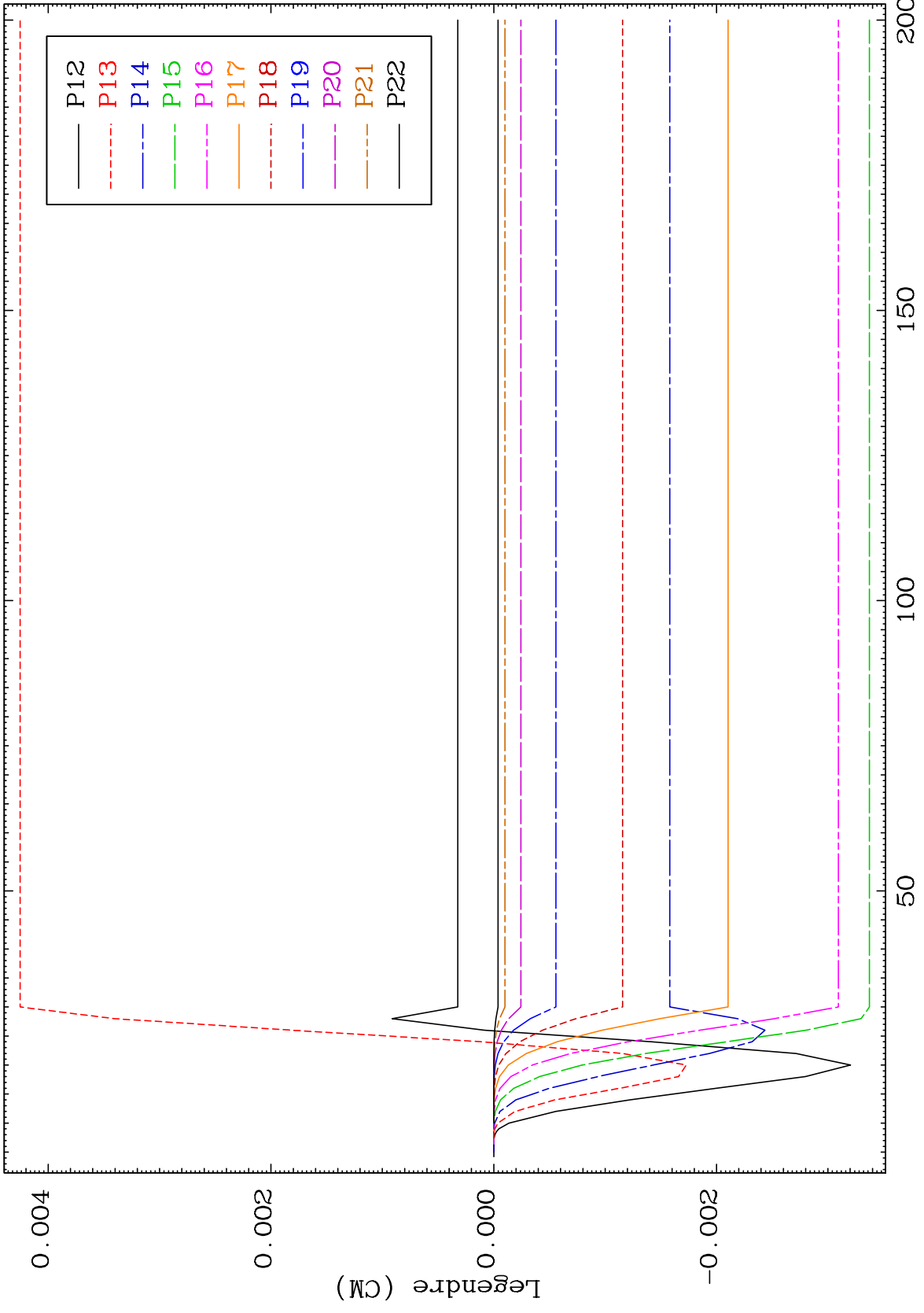
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



65

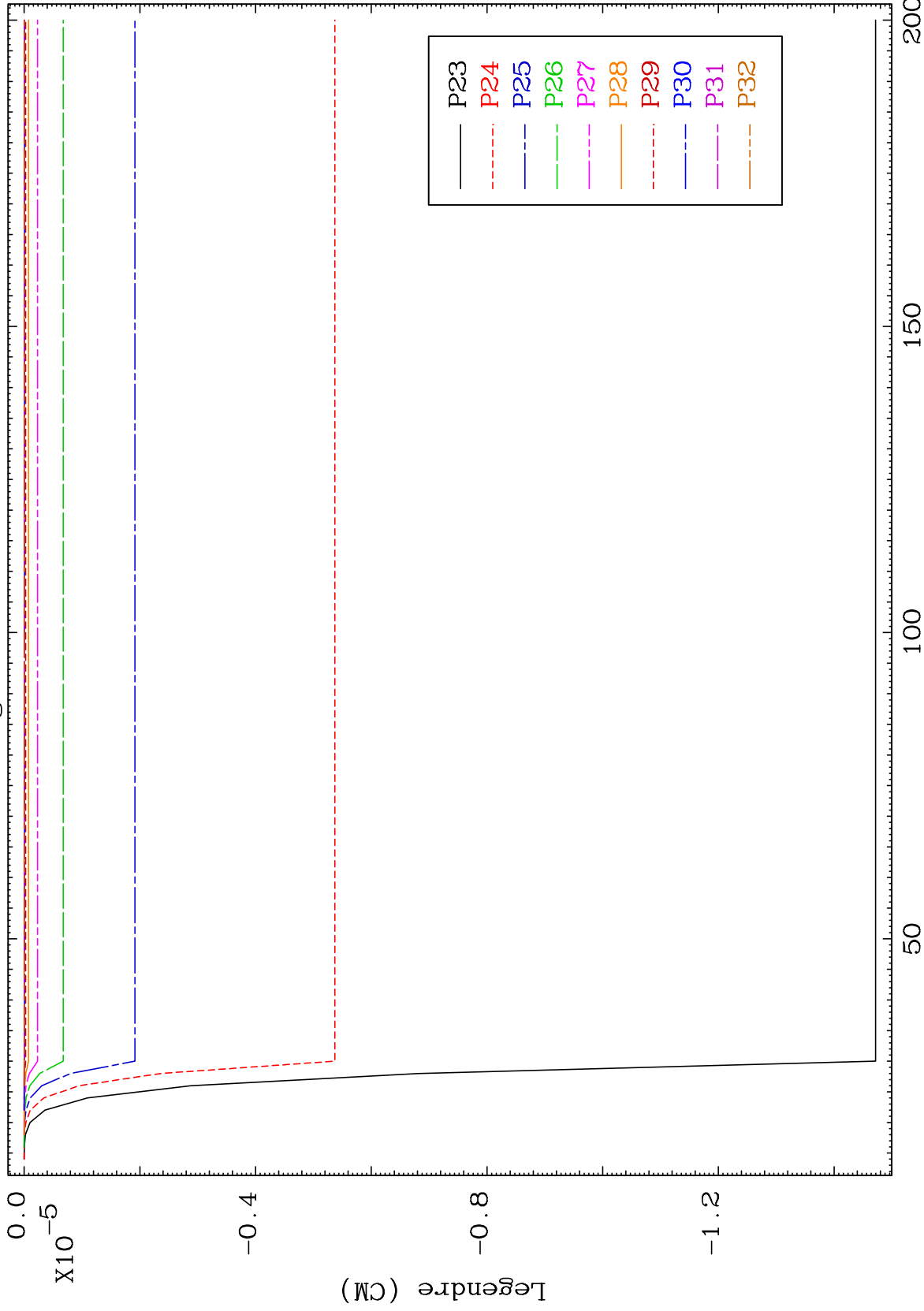
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32-Ge-74

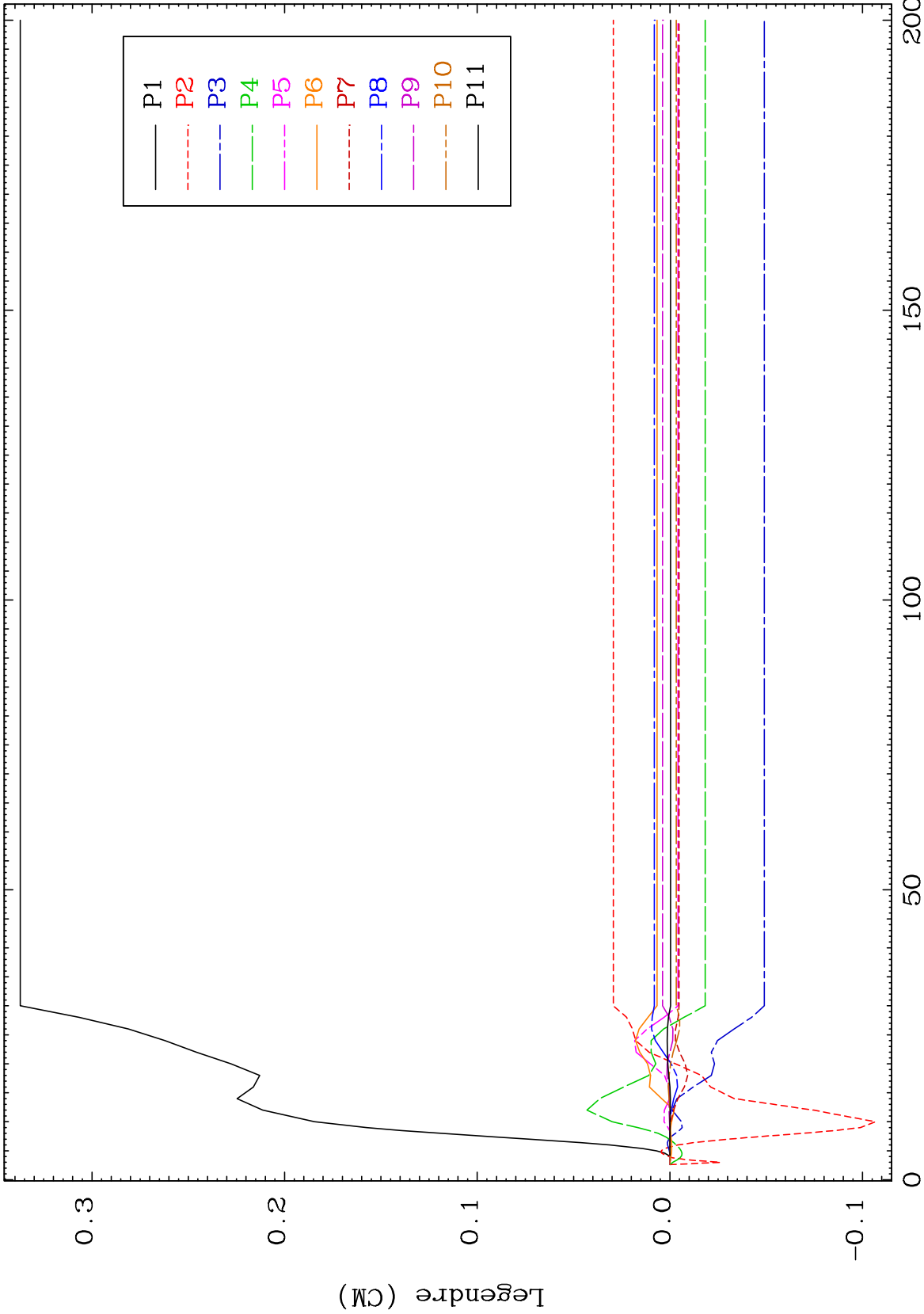
Incident Energy (MeV)

66

MAT 3237

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

32-Ge-74



67

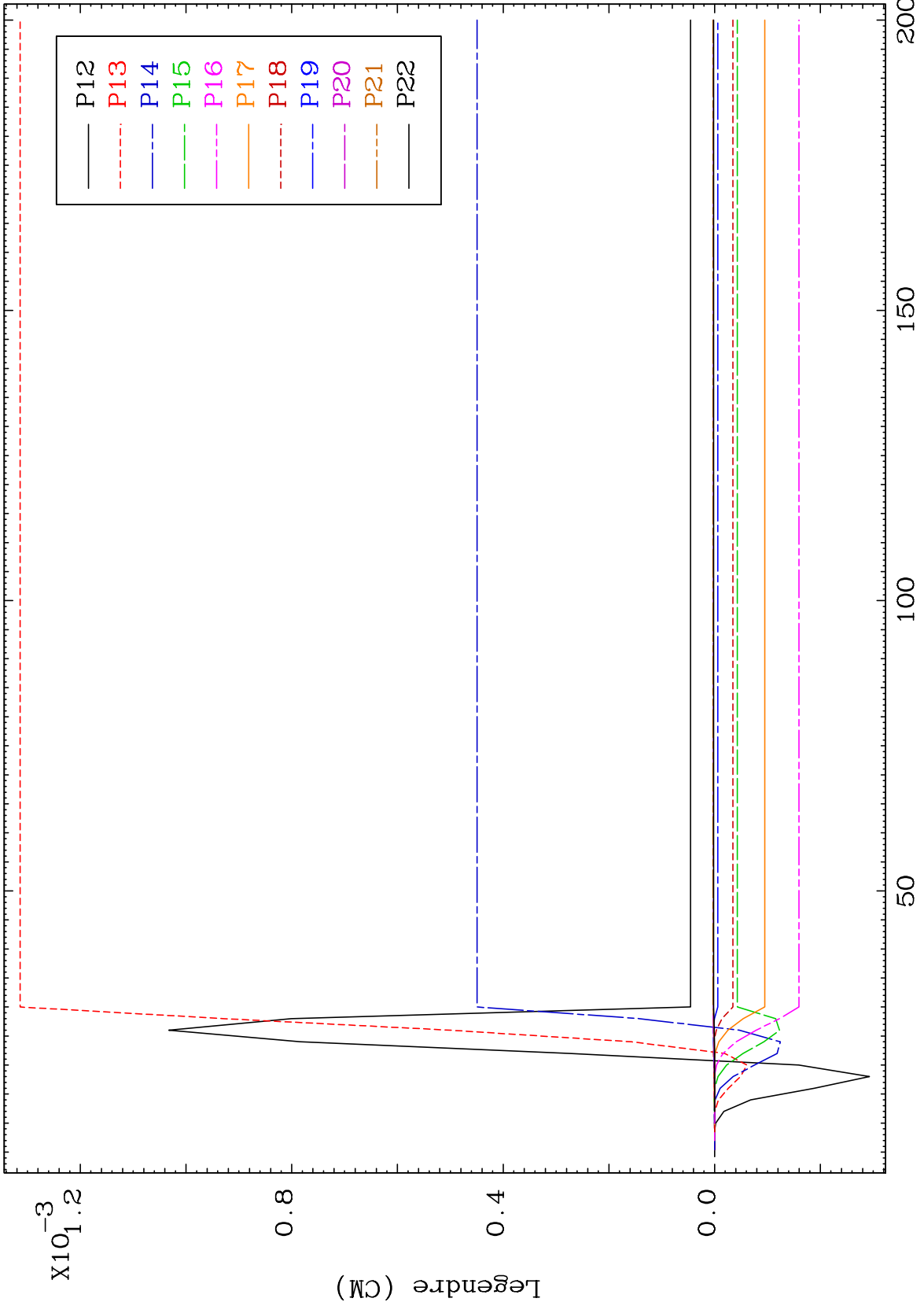
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



68

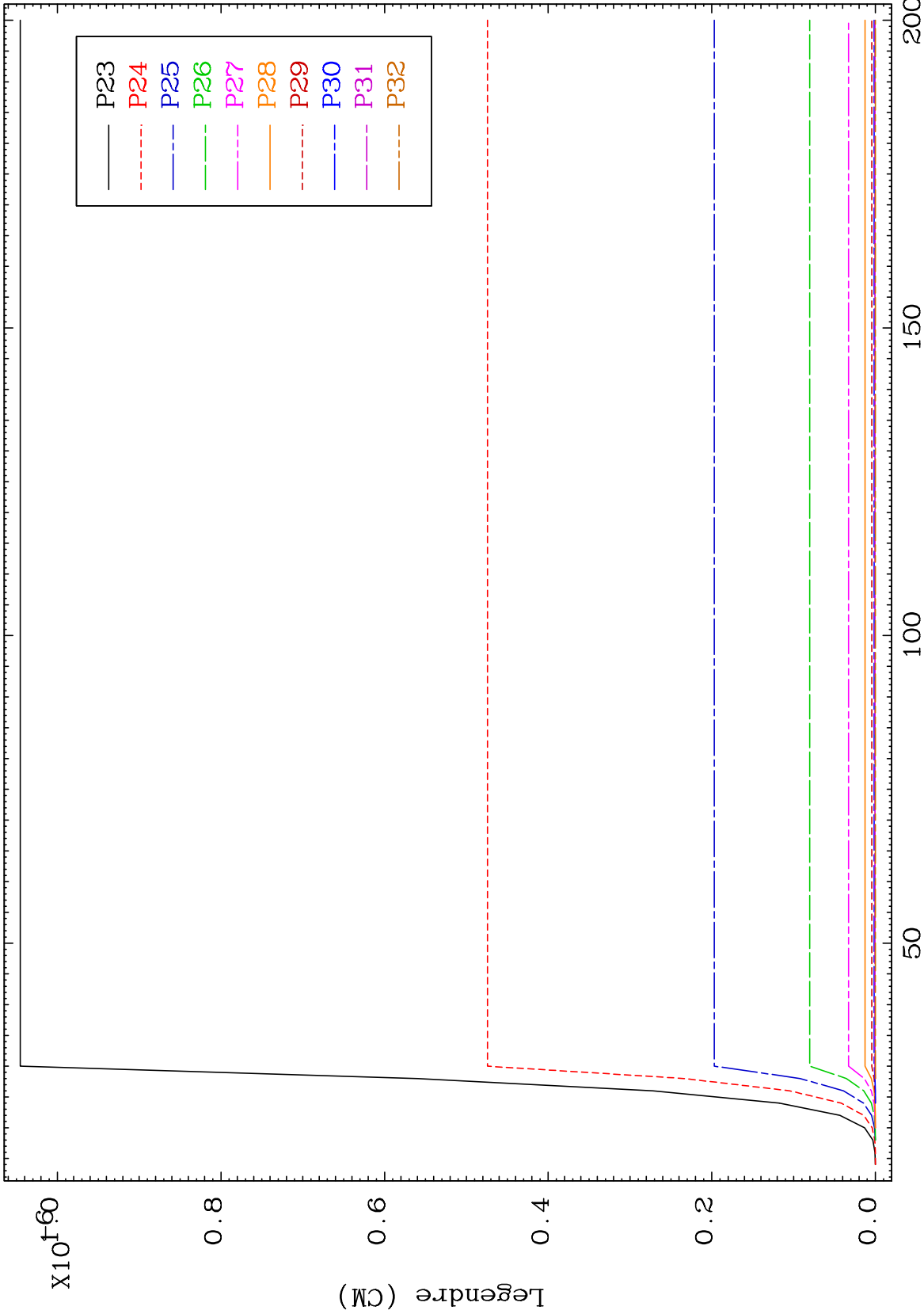
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



69

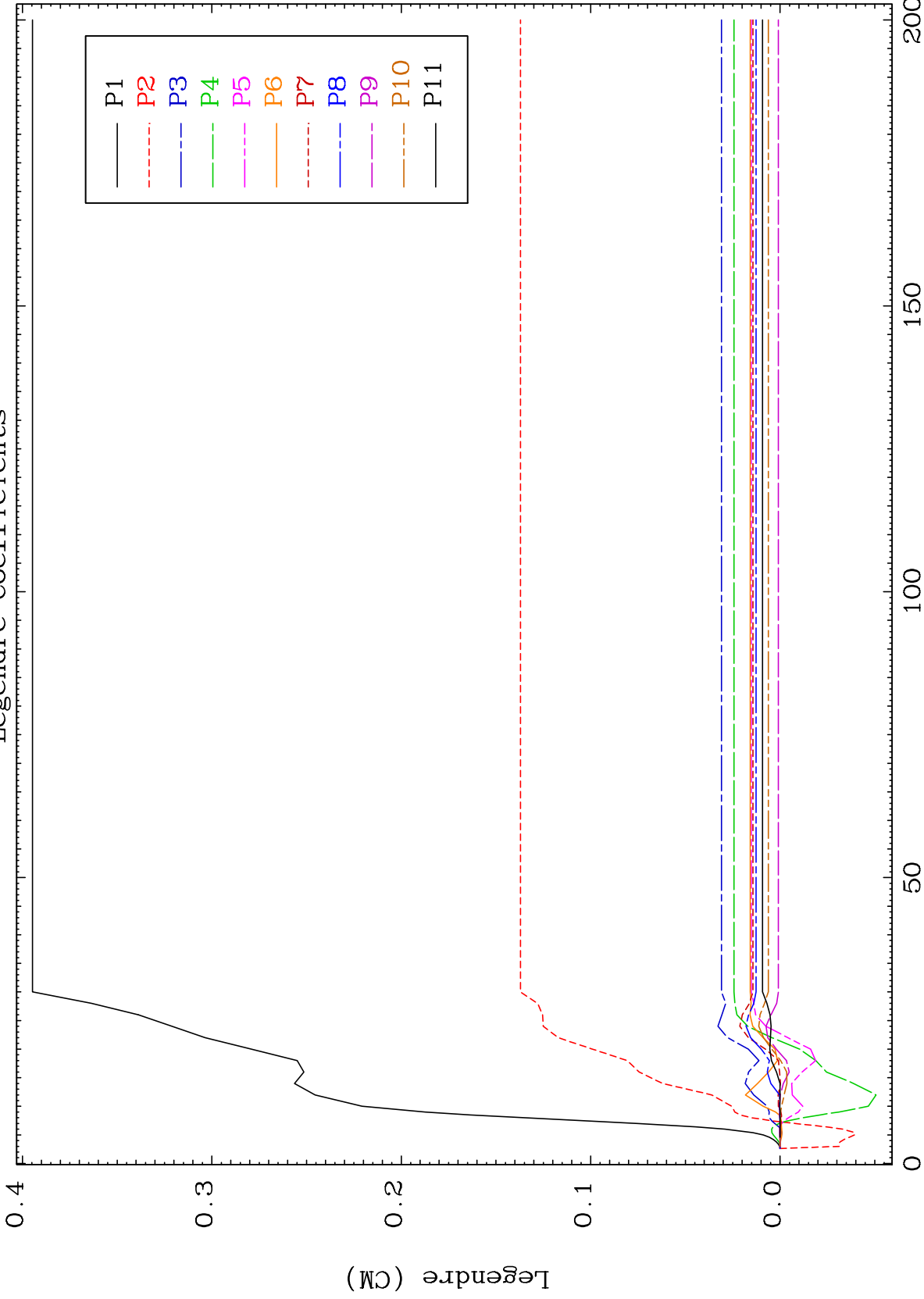
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32-Ge-74

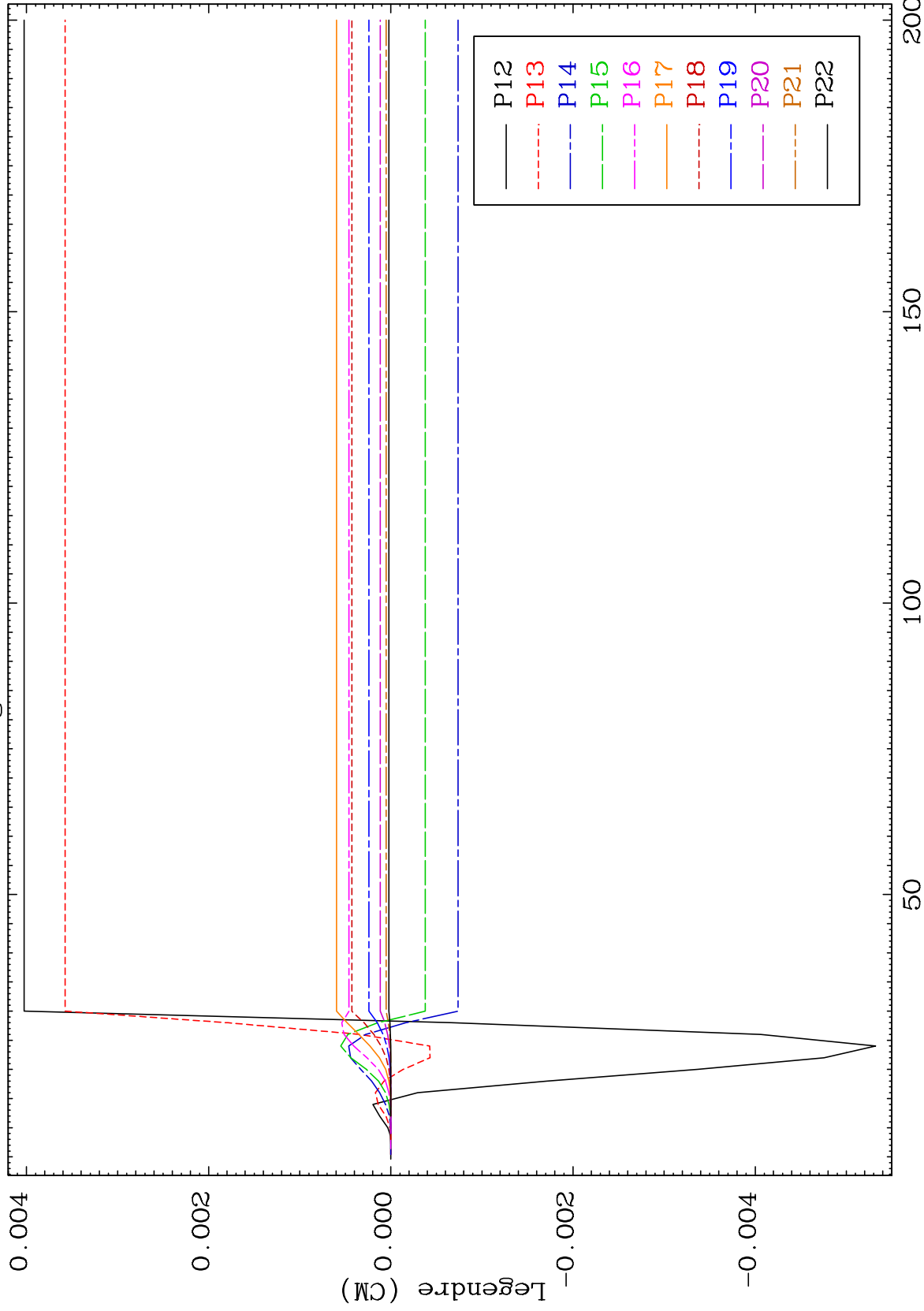
Incident Energy (MeV)

70

MAT 3237

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

32-Ge-74



71

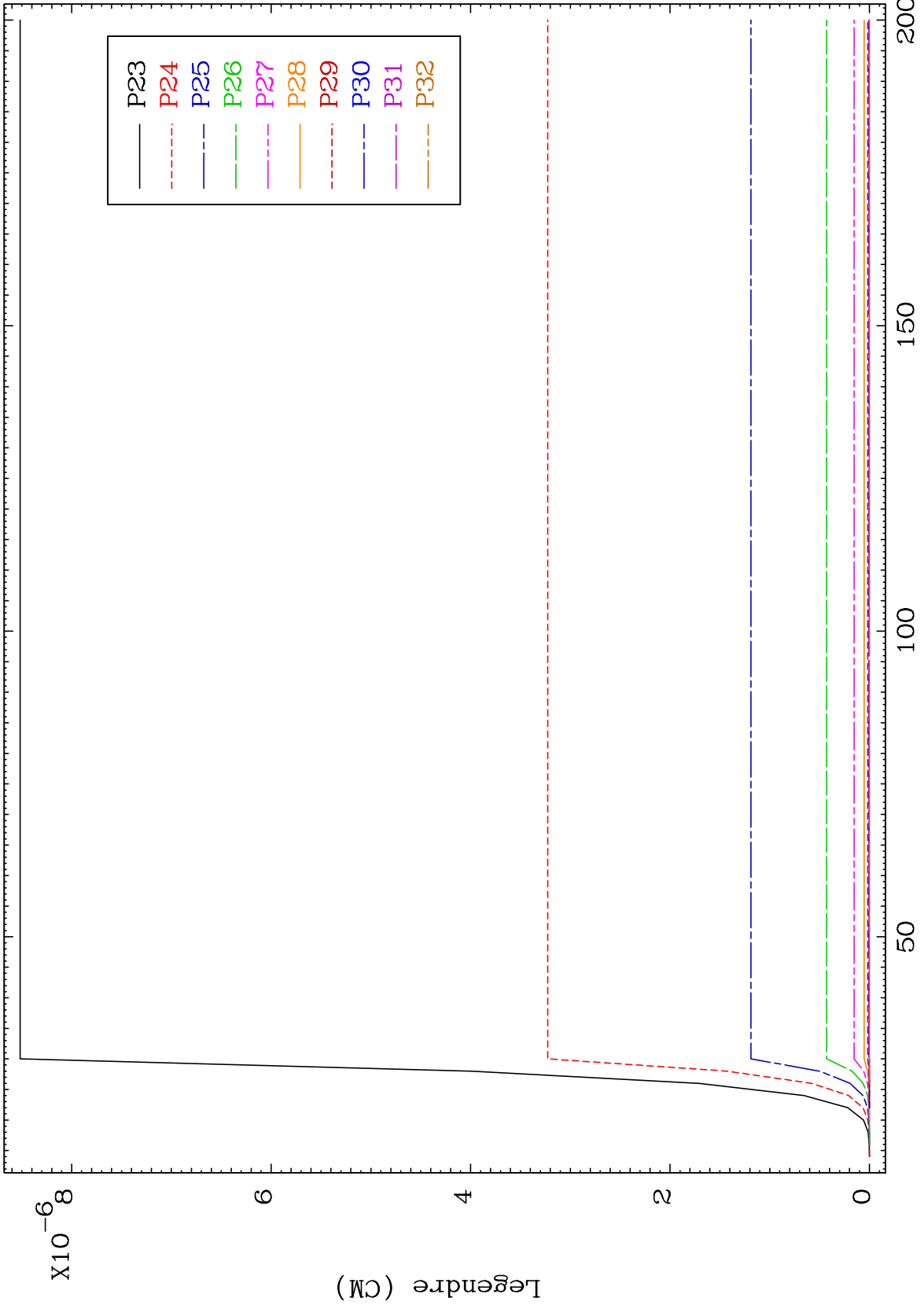
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



72

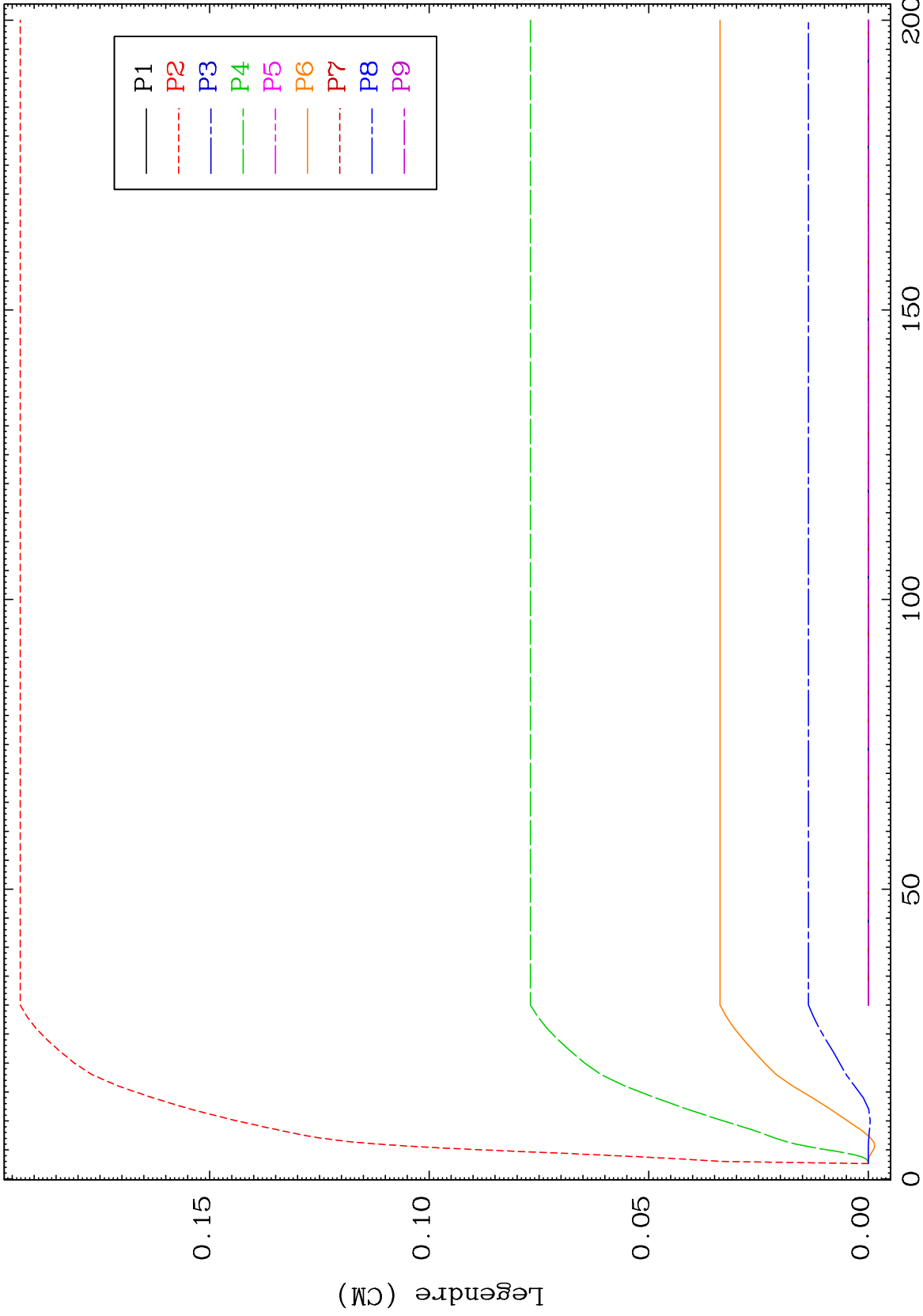
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

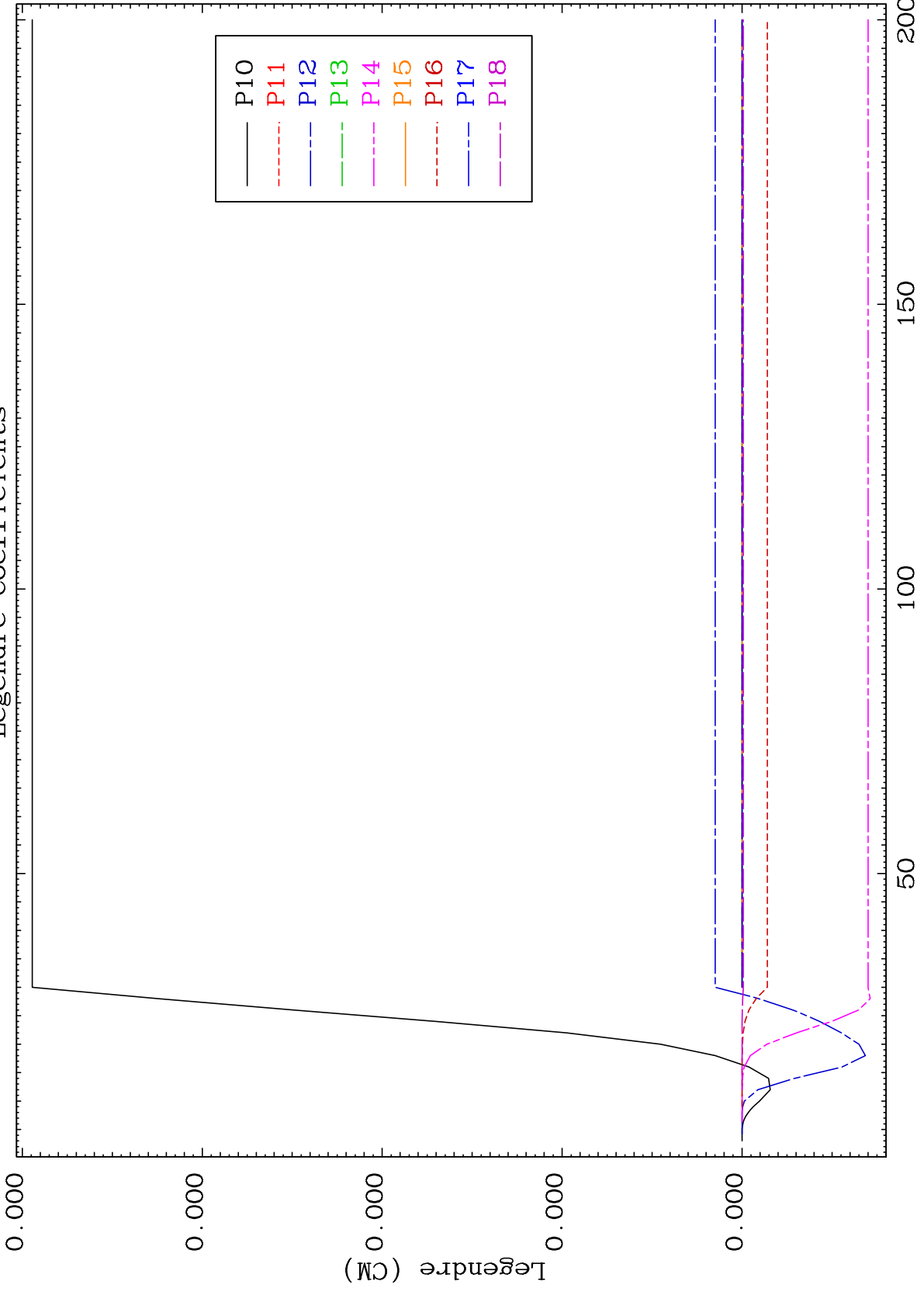


73

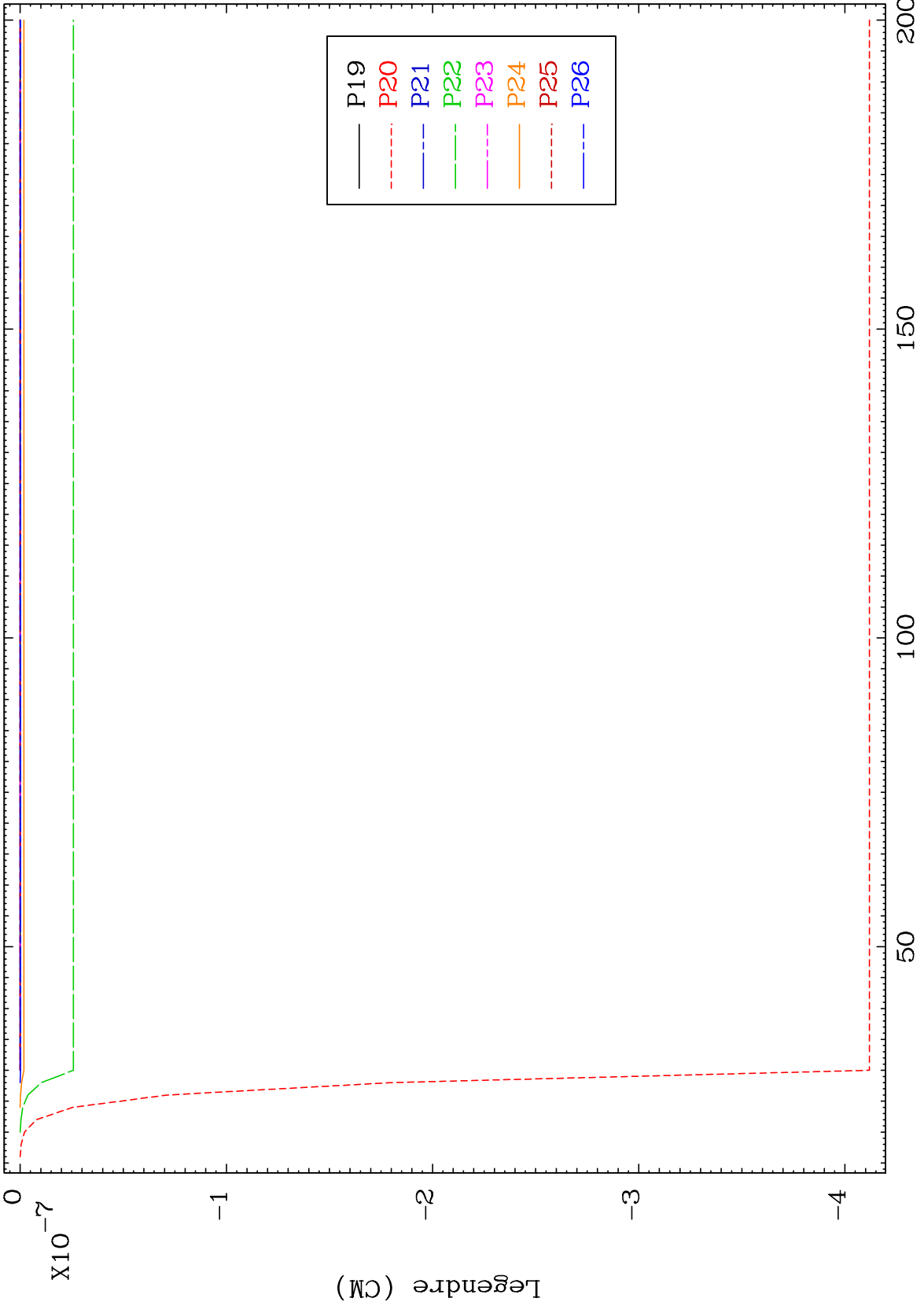
Incident Energy (MeV)

32-Ge-74

MAT 3237 MT= 68 (n,n') Level Legendre Coefficients 32-Ge-74

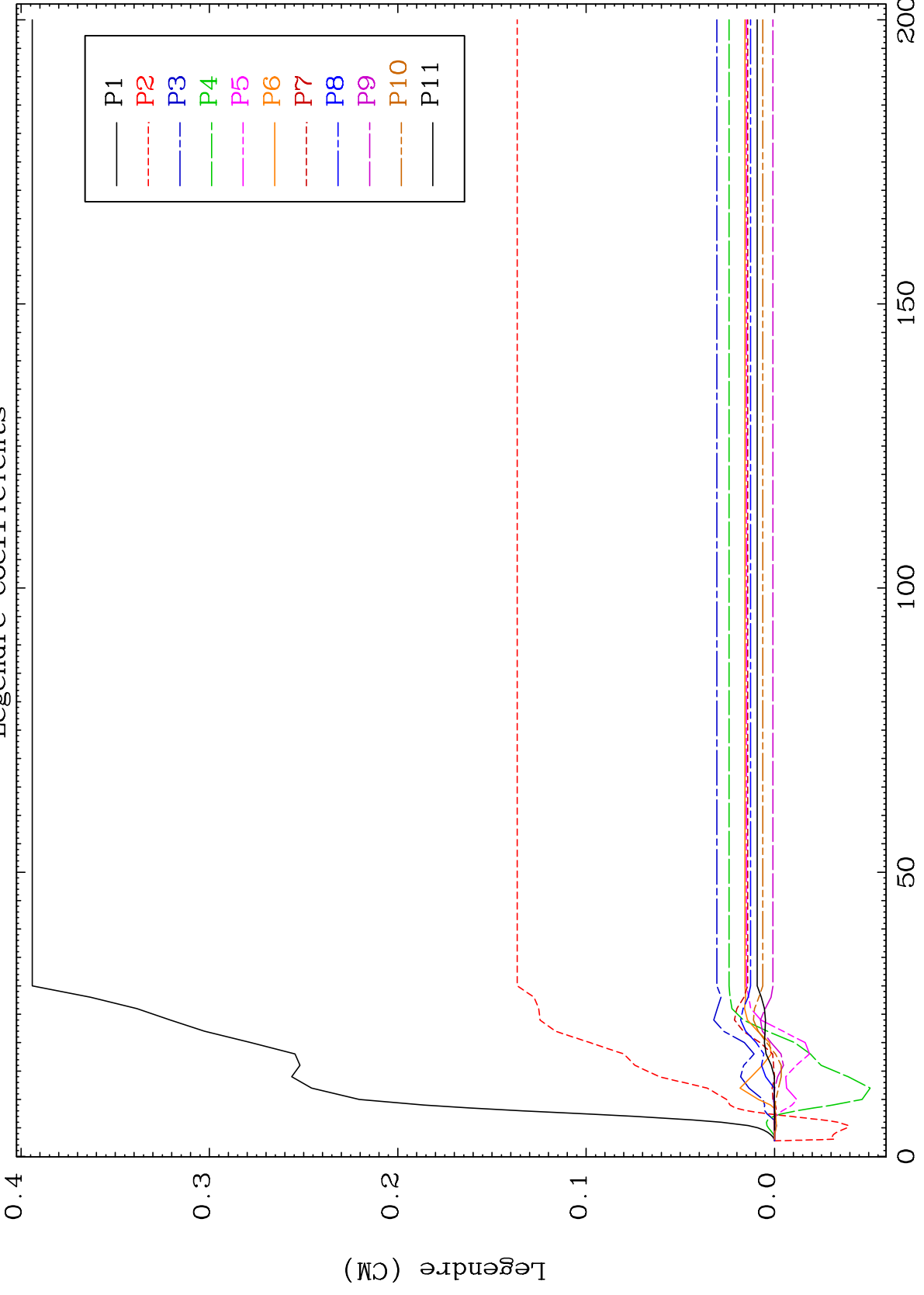


MAT 3237 MT= 68 (n,n') Level Legendre Coefficients 32-Ge-74



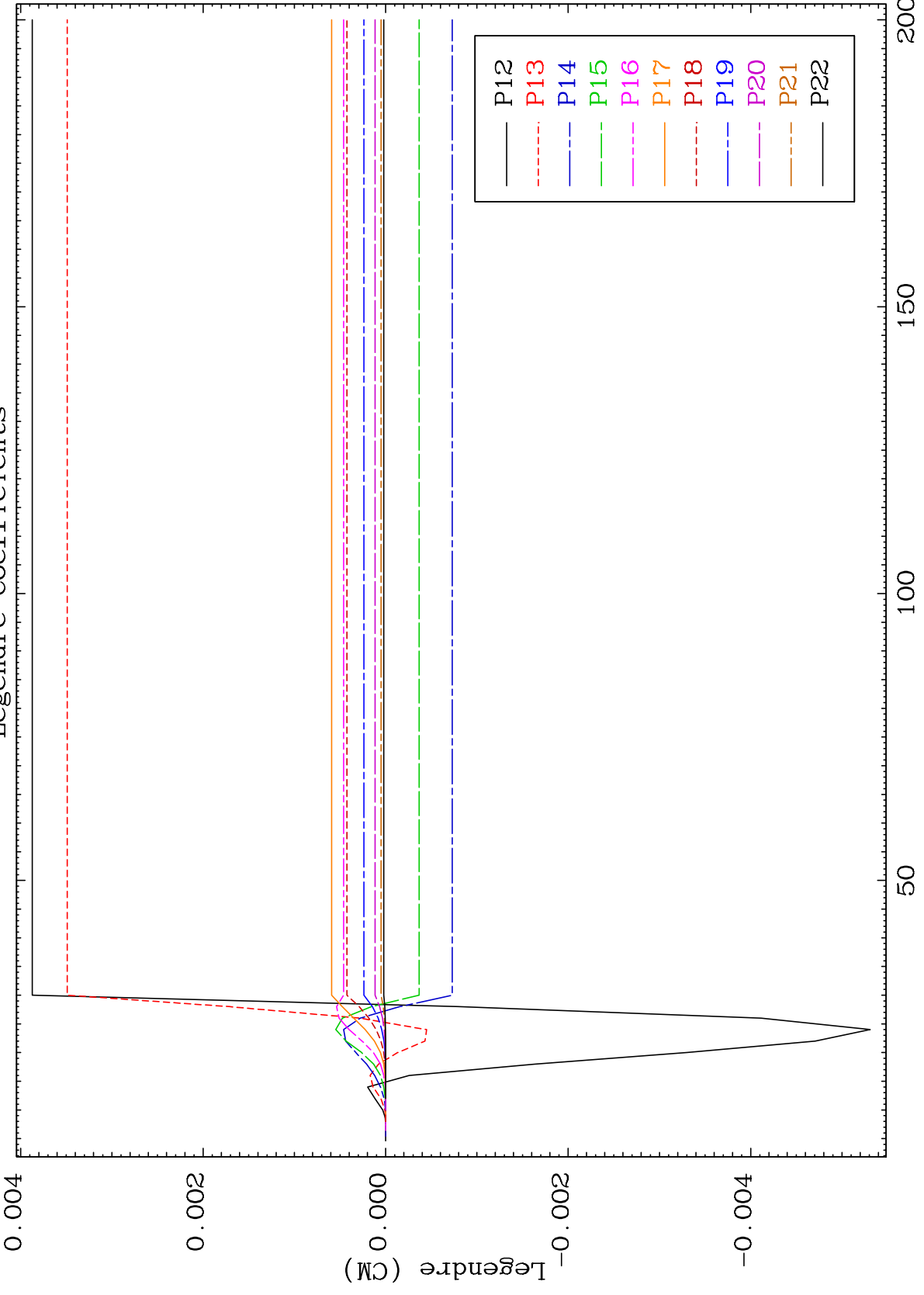
75 Incident Energy (MeV) 32-Ge-74

MAT 3237 MT= 69 (n,n') Level Legendre Coefficients 32-Ge-74



76 32-Ge-74

MAT 3237 MT= 69 (n,n') Level Legendre Coefficients 32-Ge-74

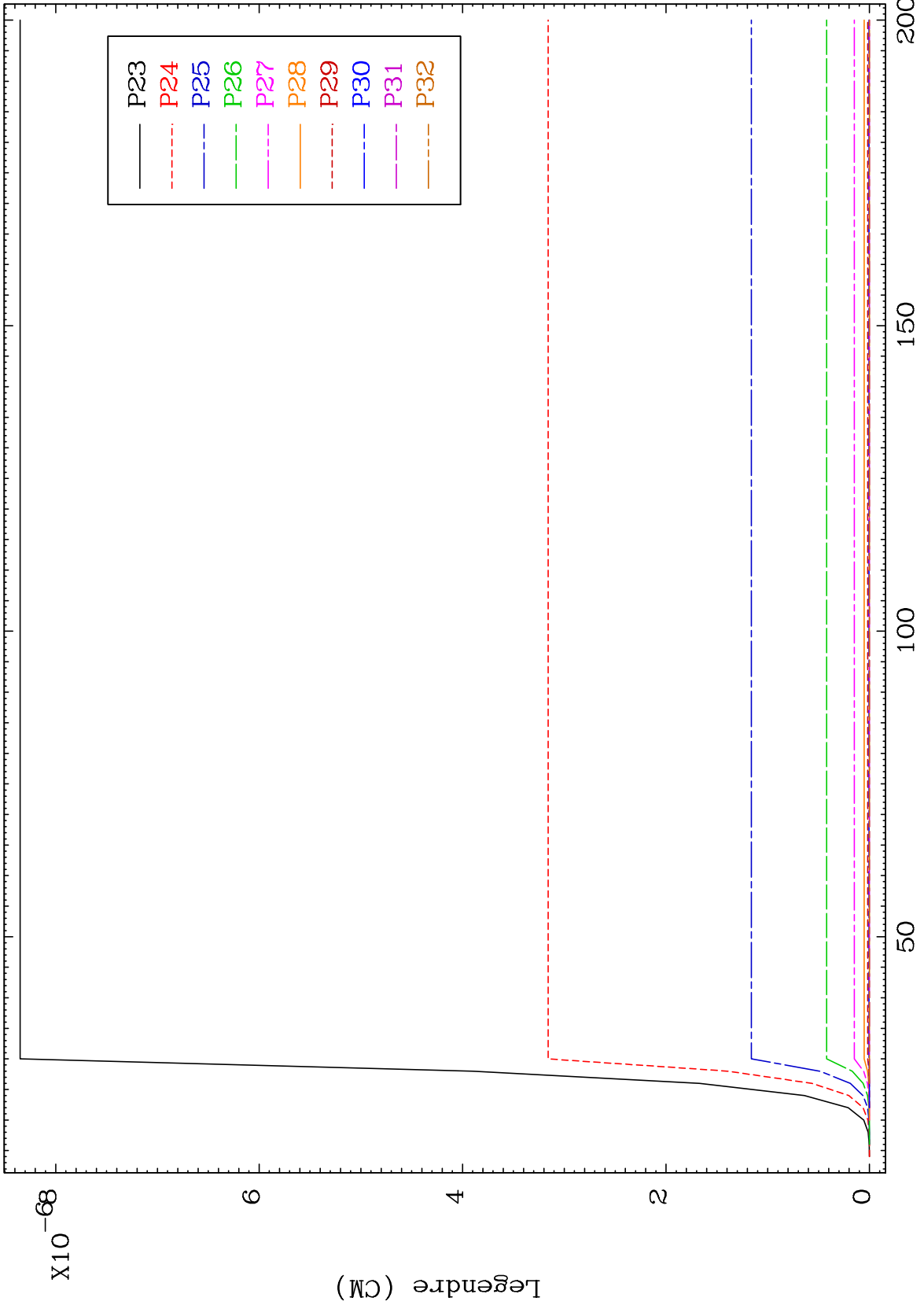


77 32-Ge-74

MAT 3237

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

32-Ge-74



78

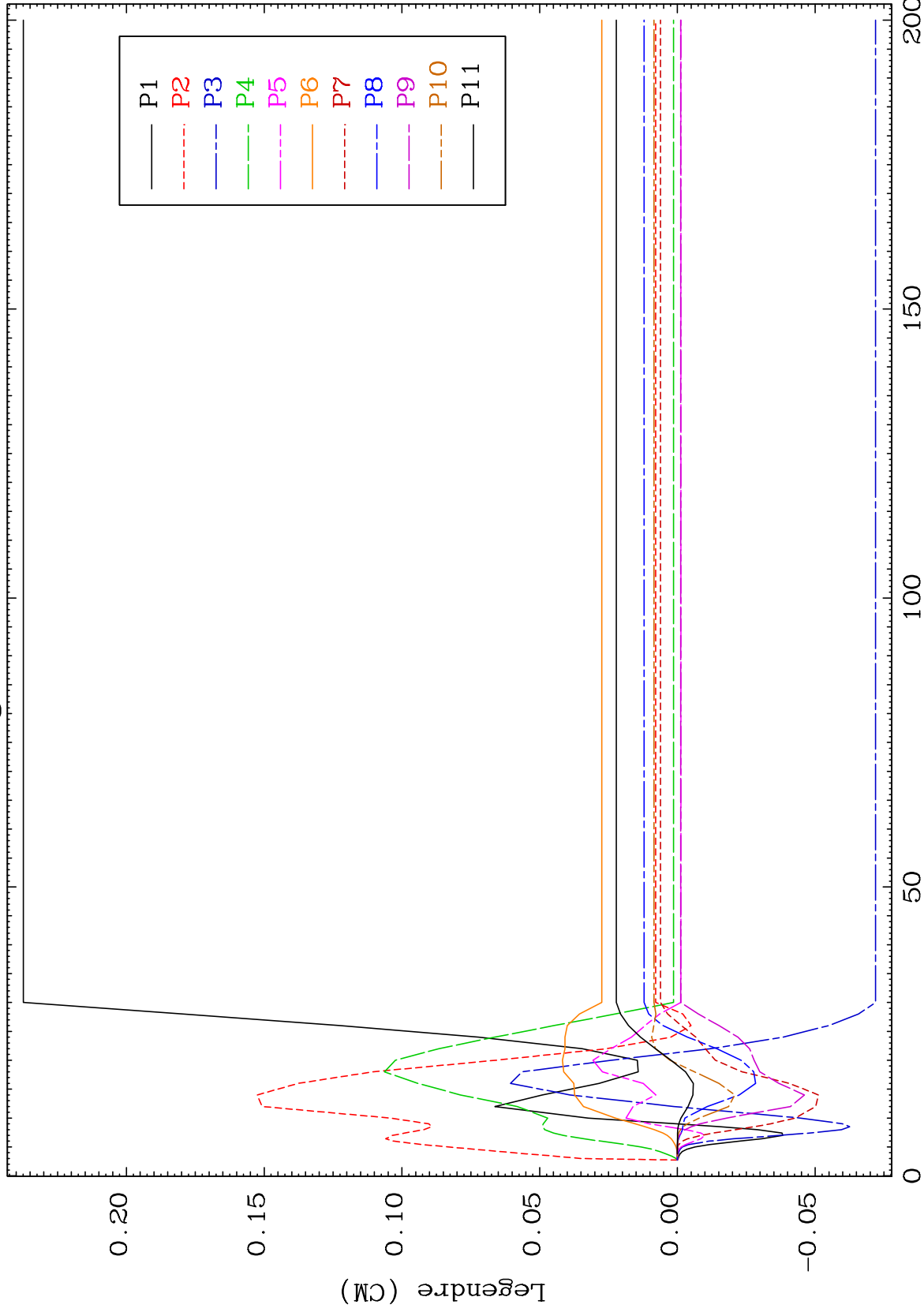
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



79

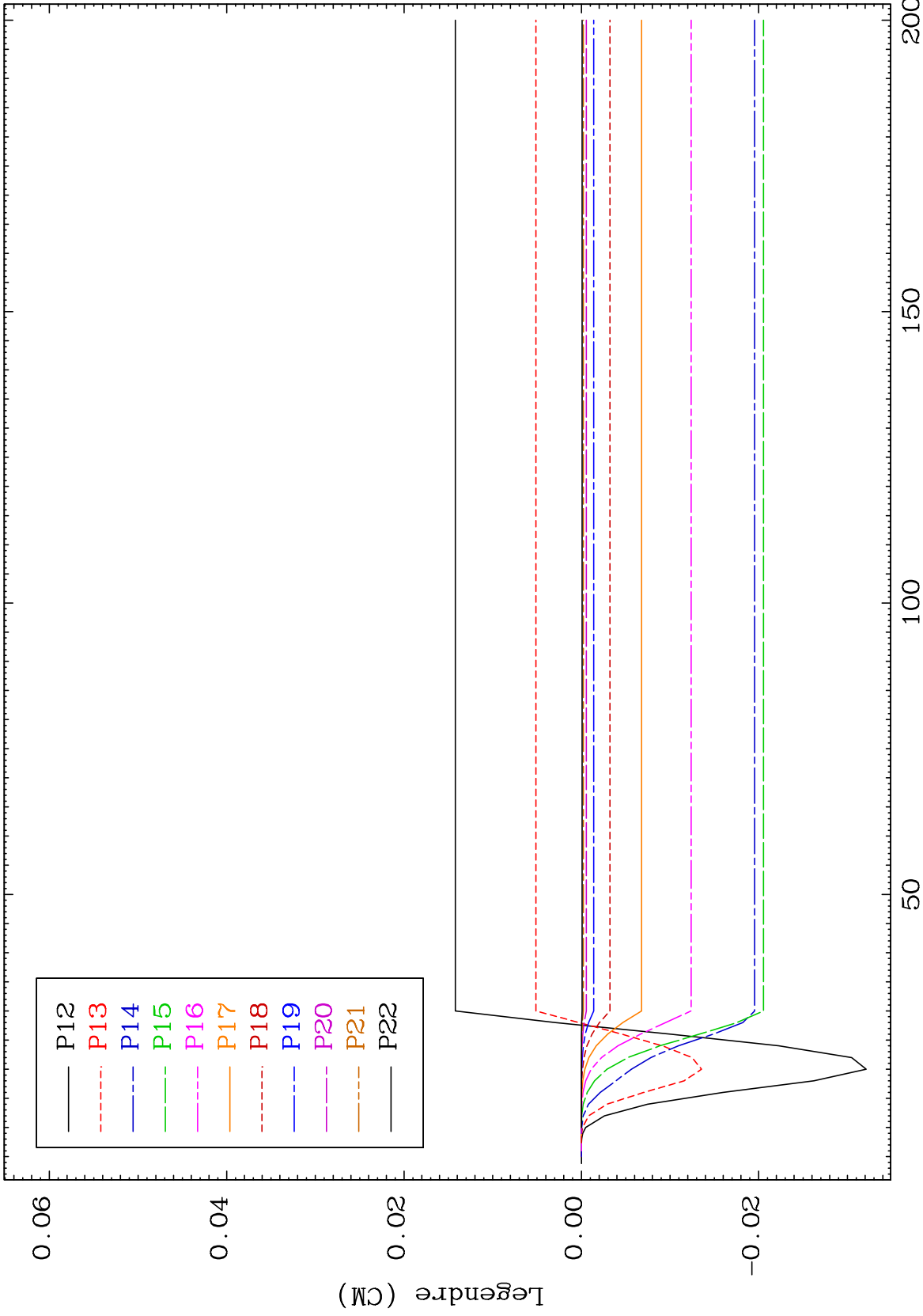
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



80

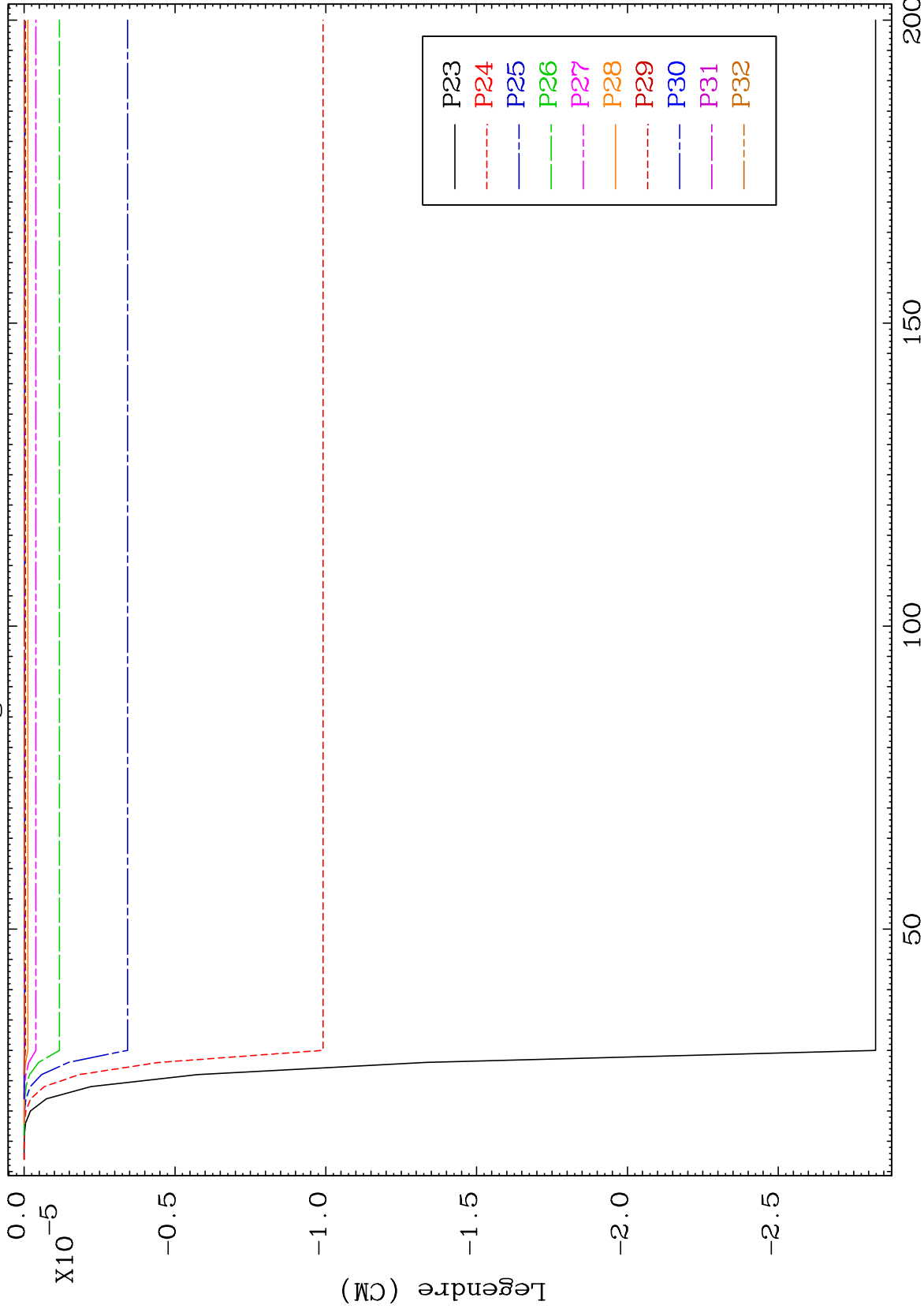
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

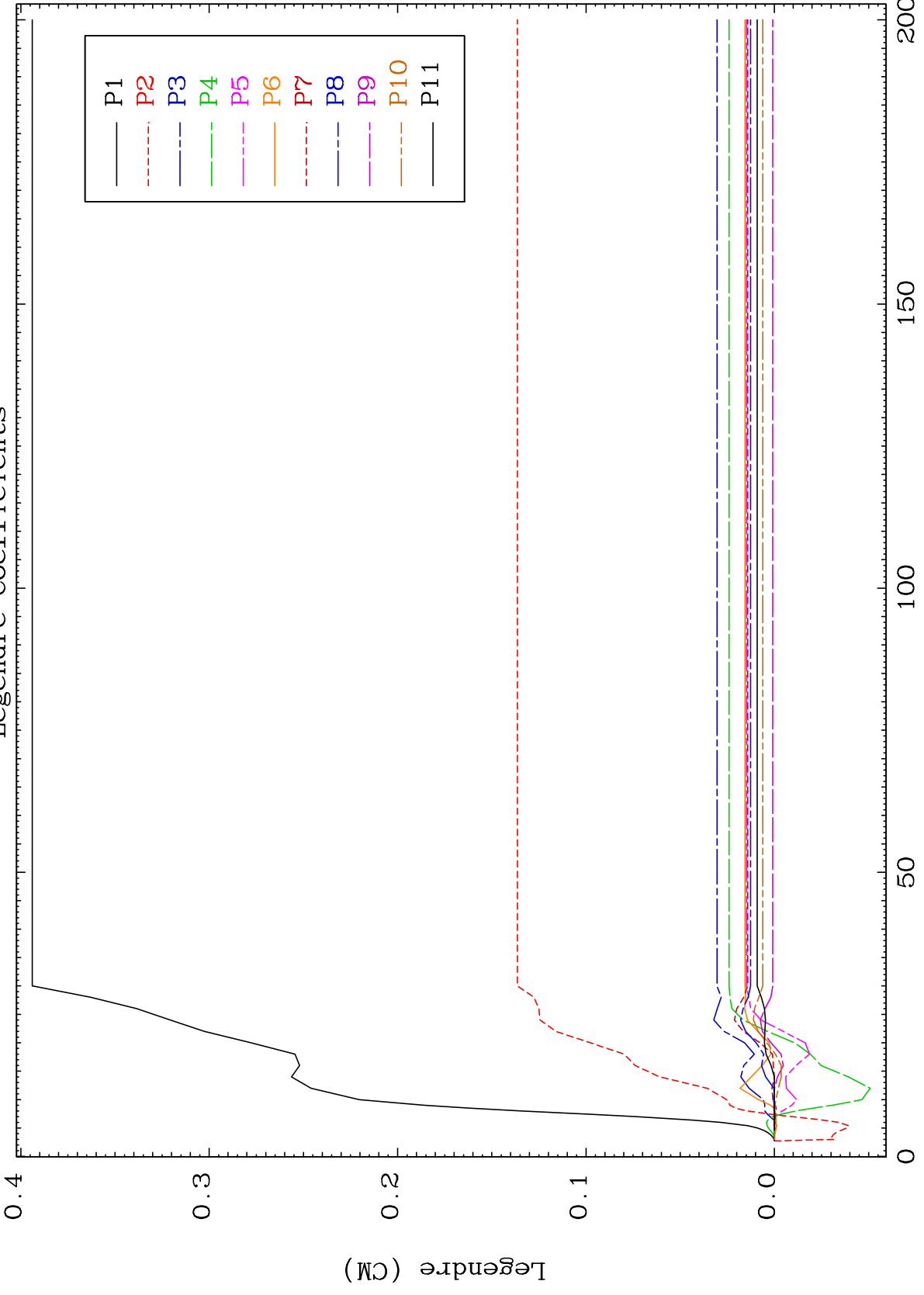


32-Ge-74

Incident Energy (MeV)

81

MAT 3237 MT= 71 (n,n') Level Legendre Coefficients 32-Ge-74

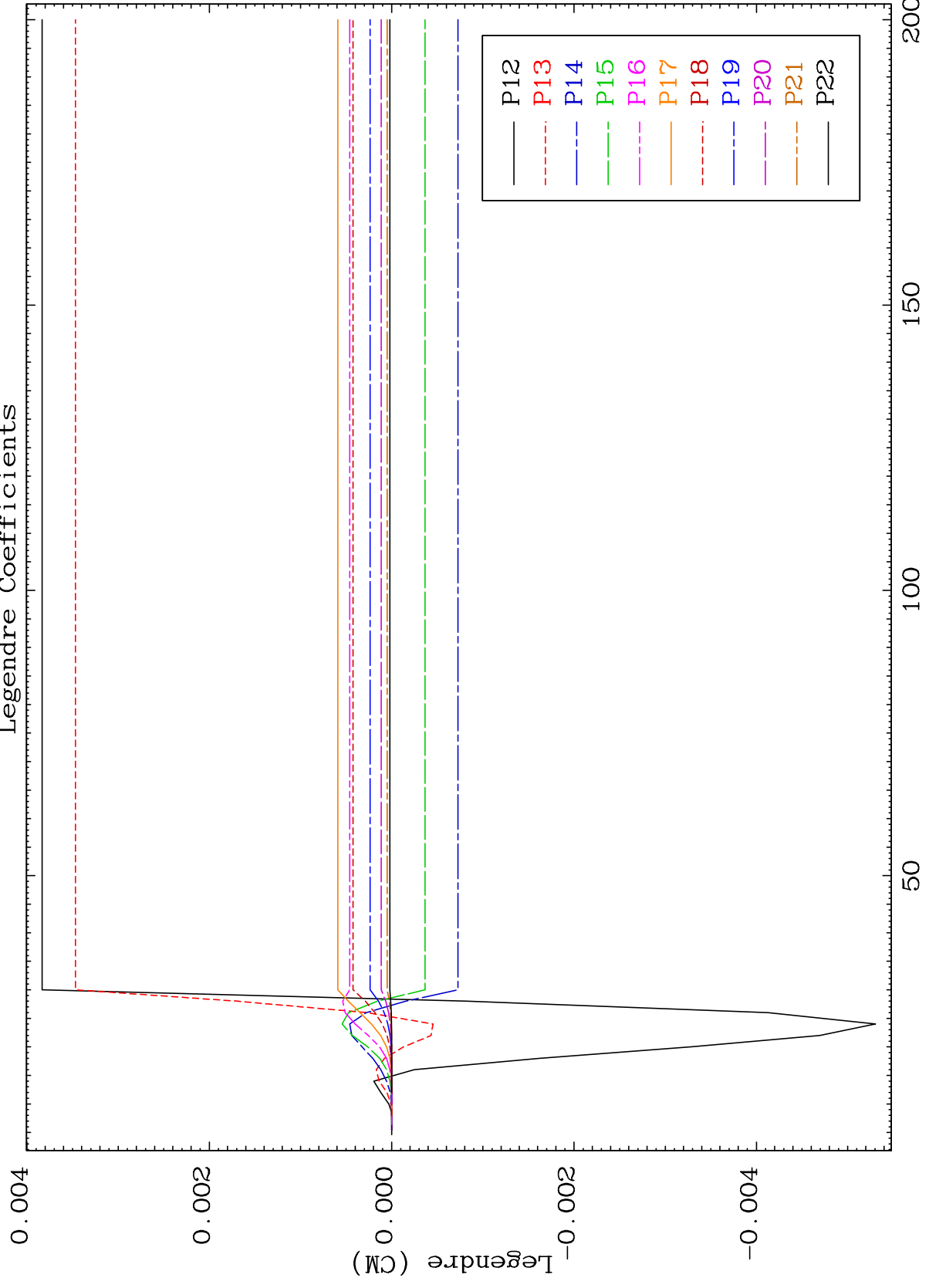


82 32-Ge-74

MAT 3237

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

32-Ge-74



83

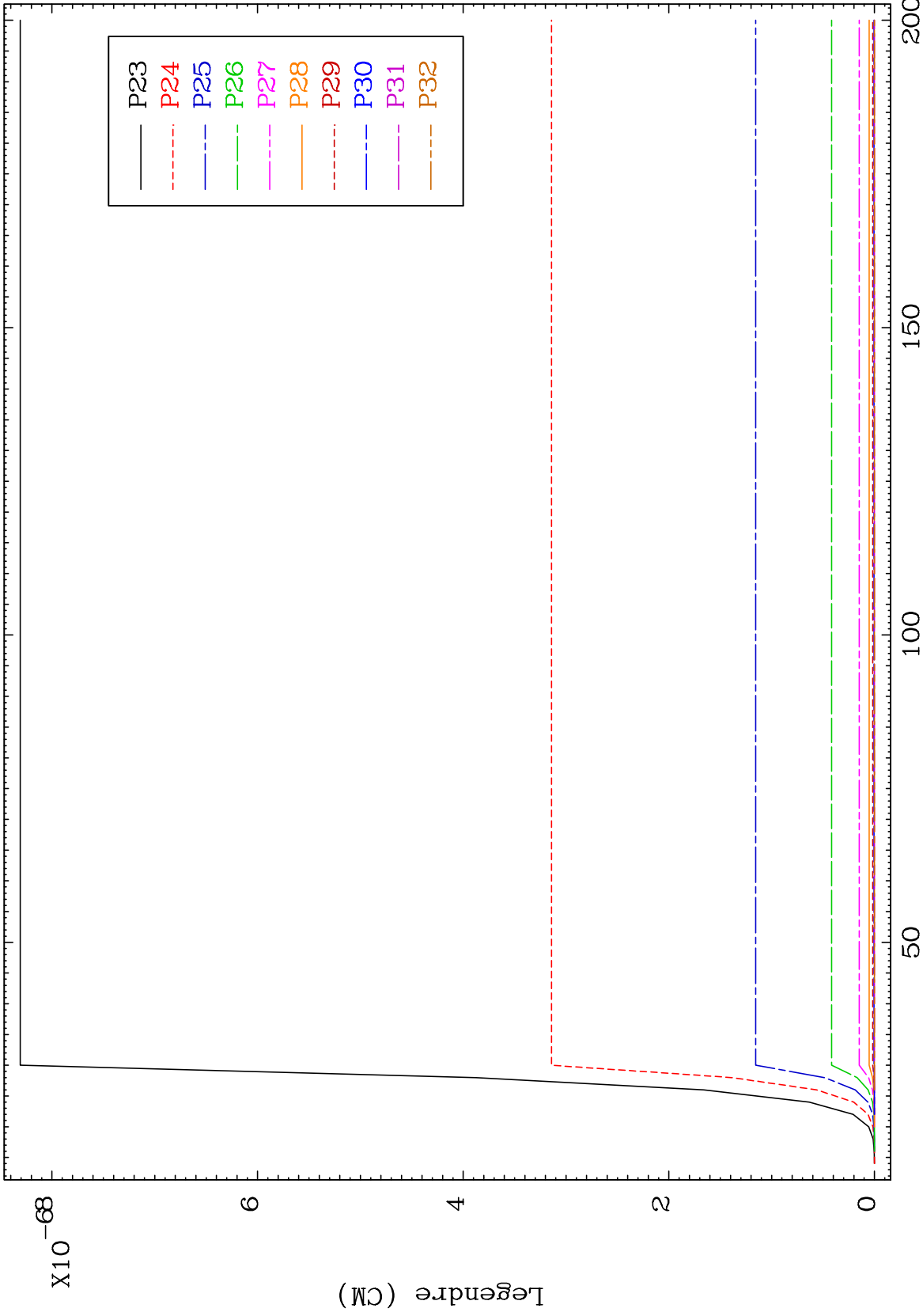
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



84

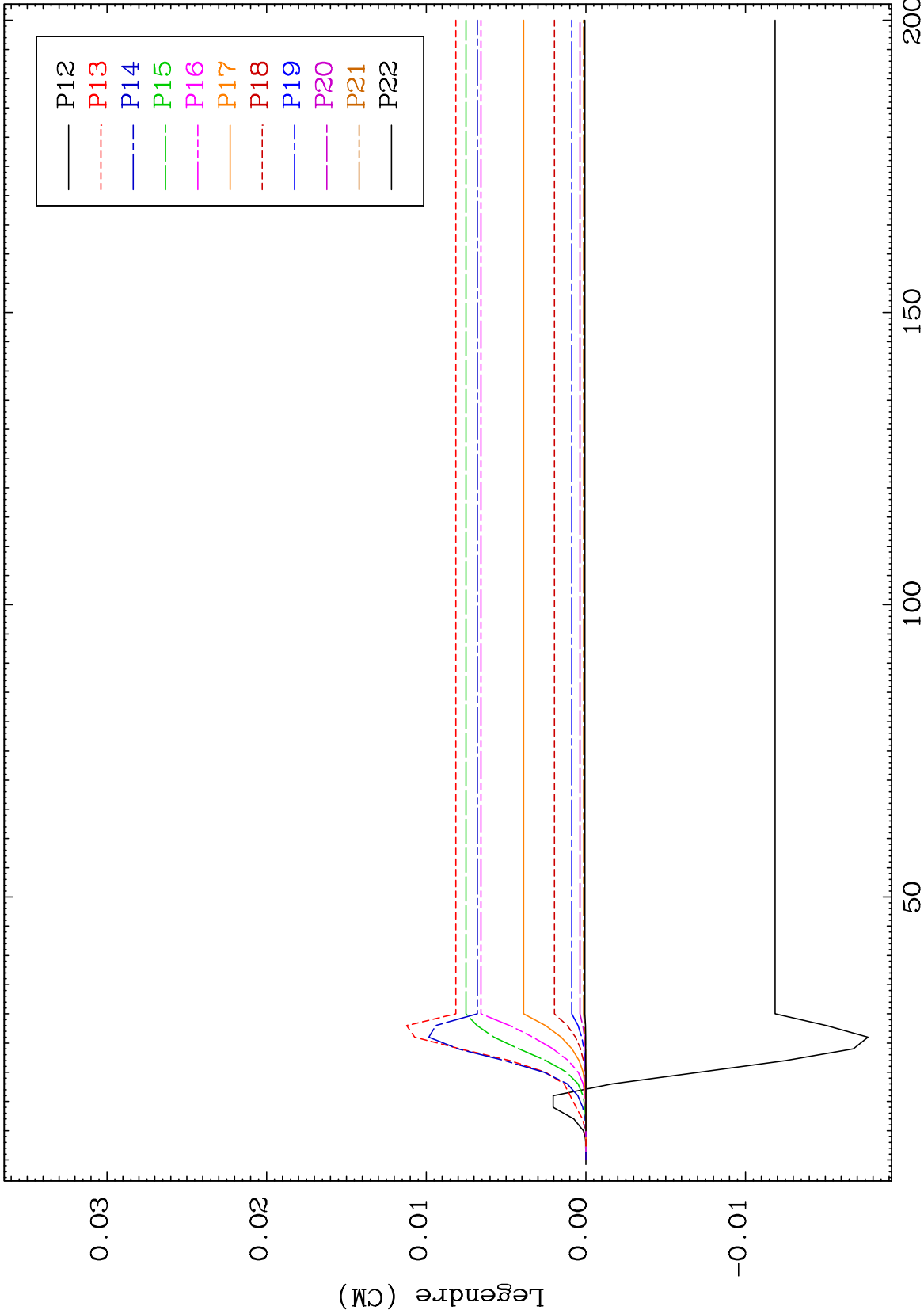
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

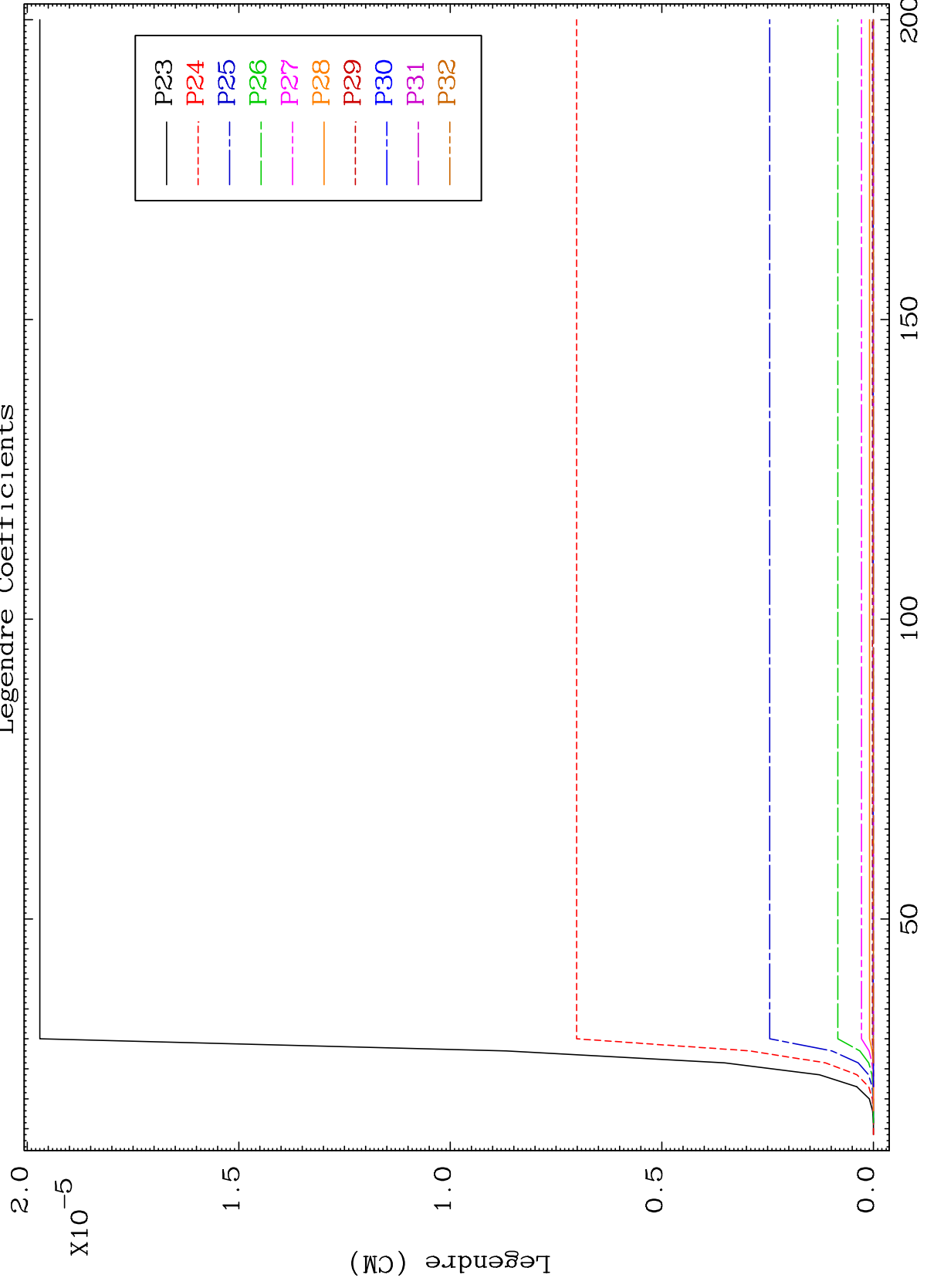


86

Incident Energy (MeV)

32-Ge-74

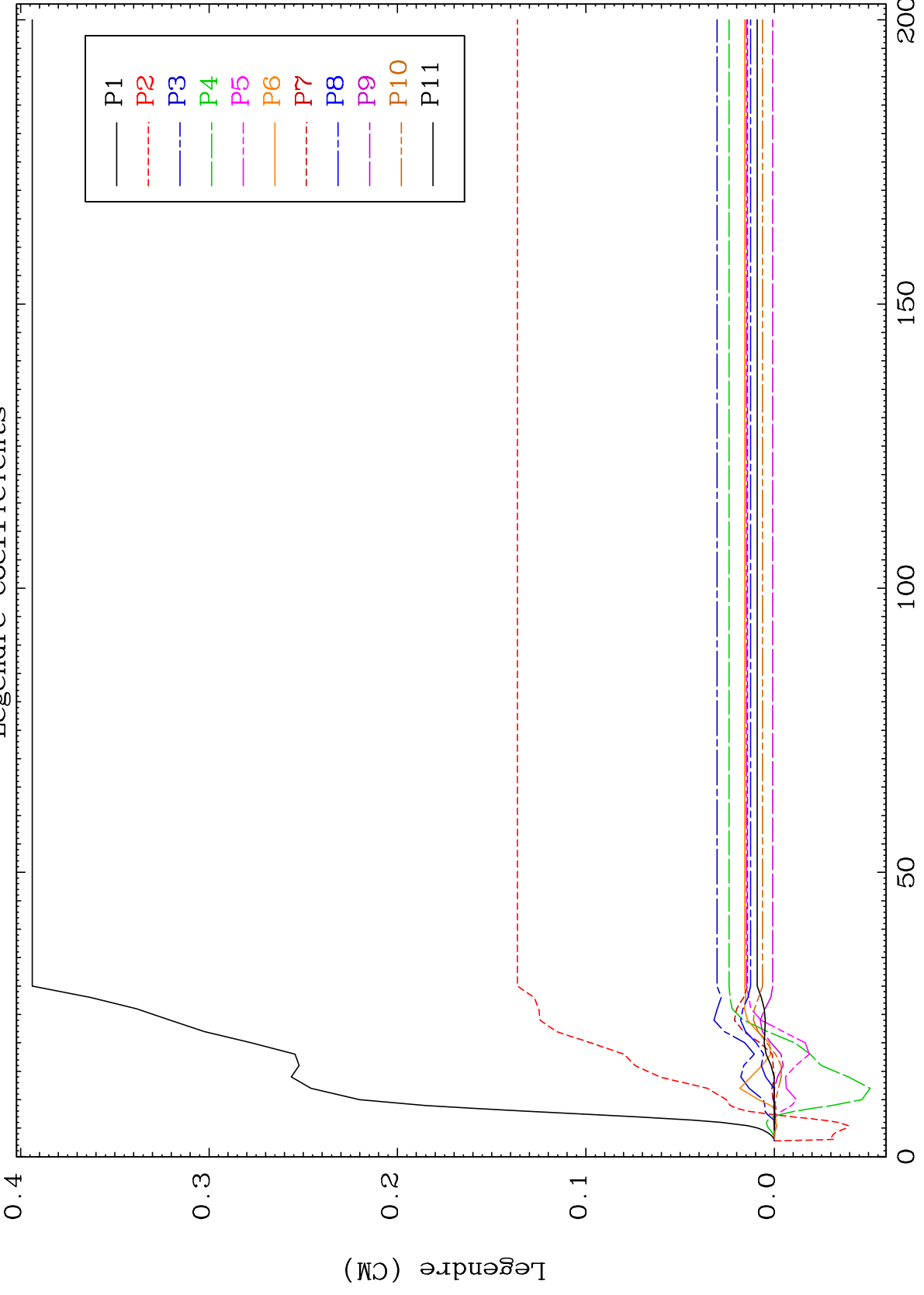
MAT 3237 MT= 72 (n,n') Level Legendre Coefficients 32-Ge-74



MAT 3237

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

32-Ge-74



88

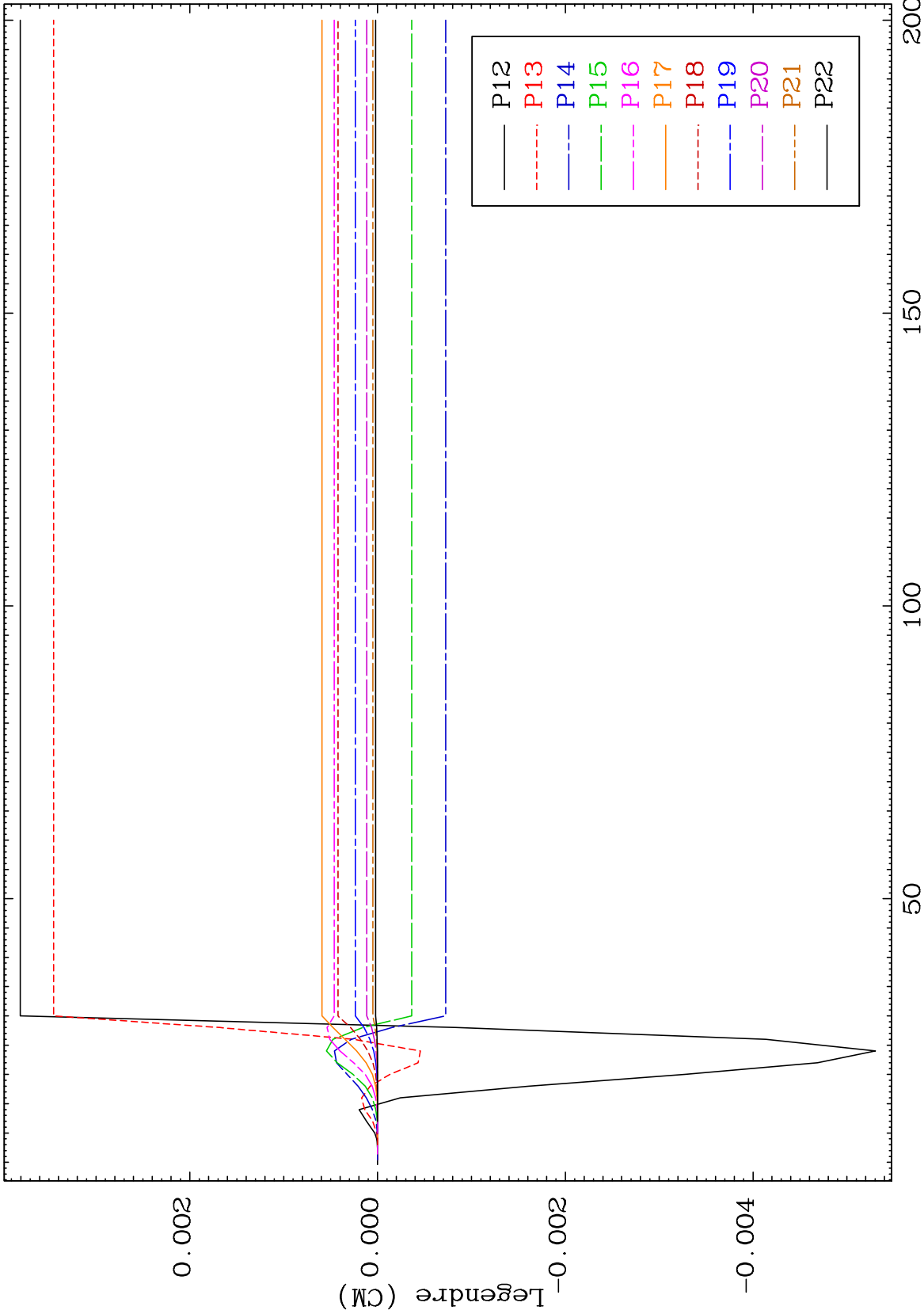
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



89

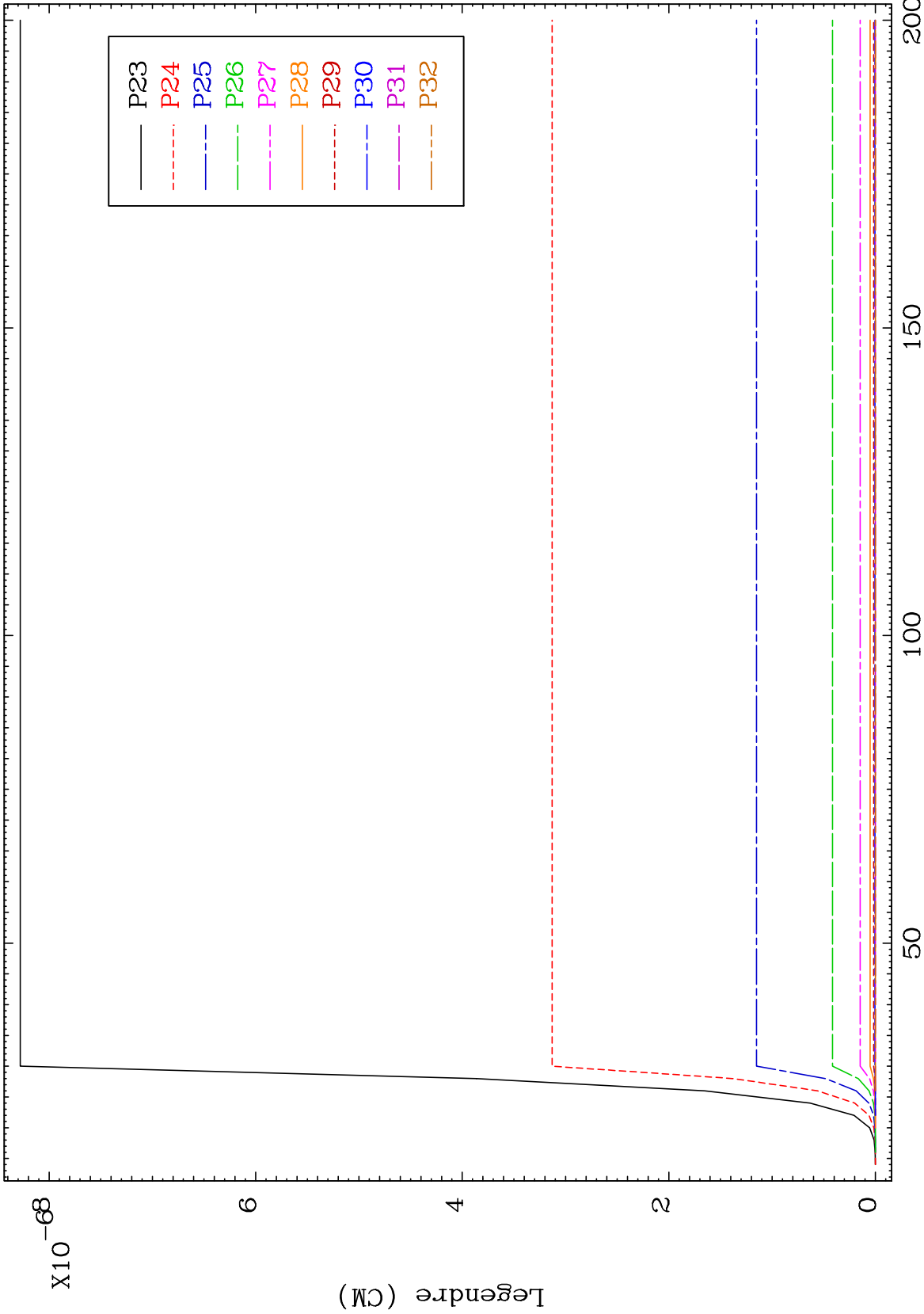
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

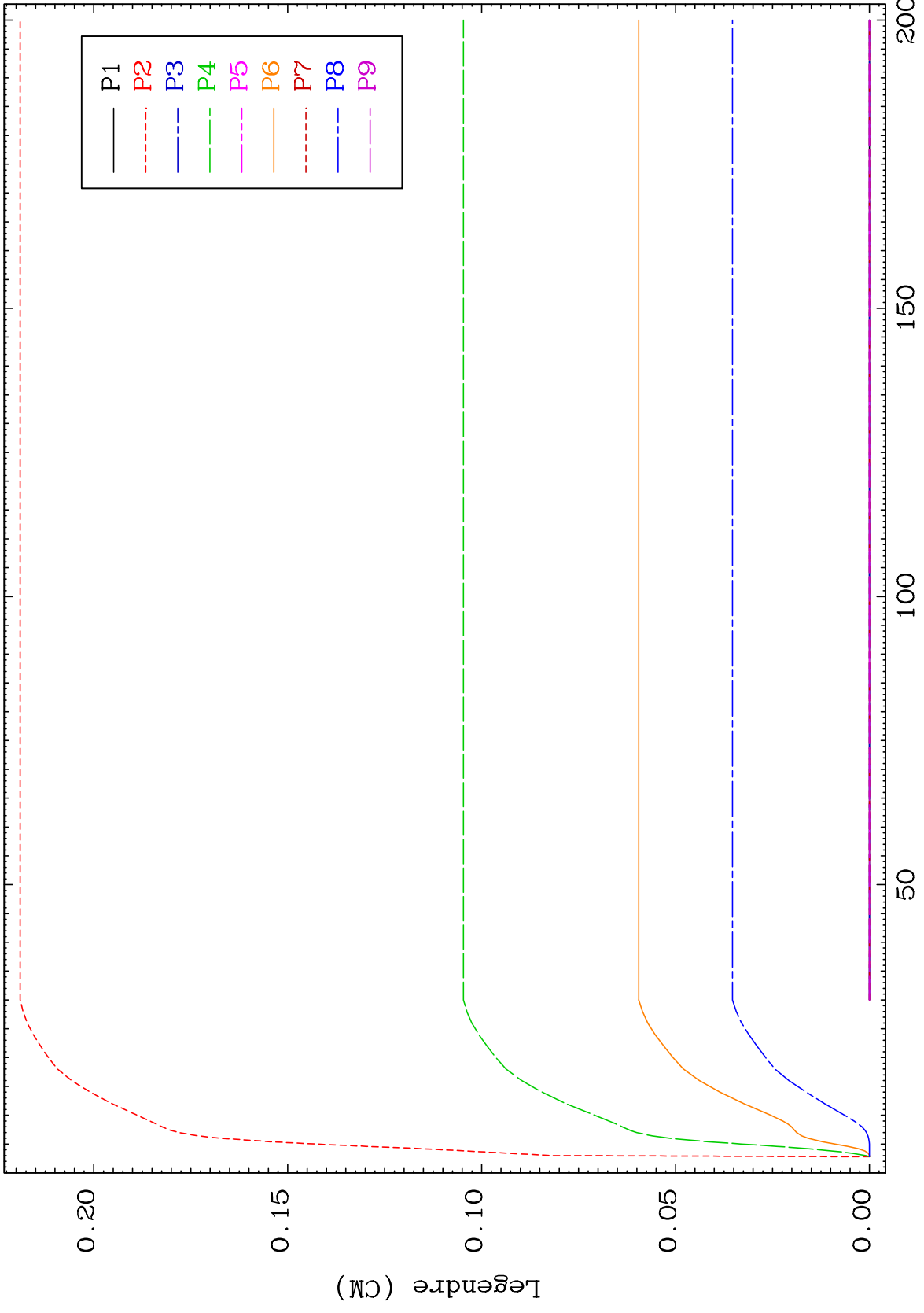


90

Incident Energy (MeV)

32-Ge-74

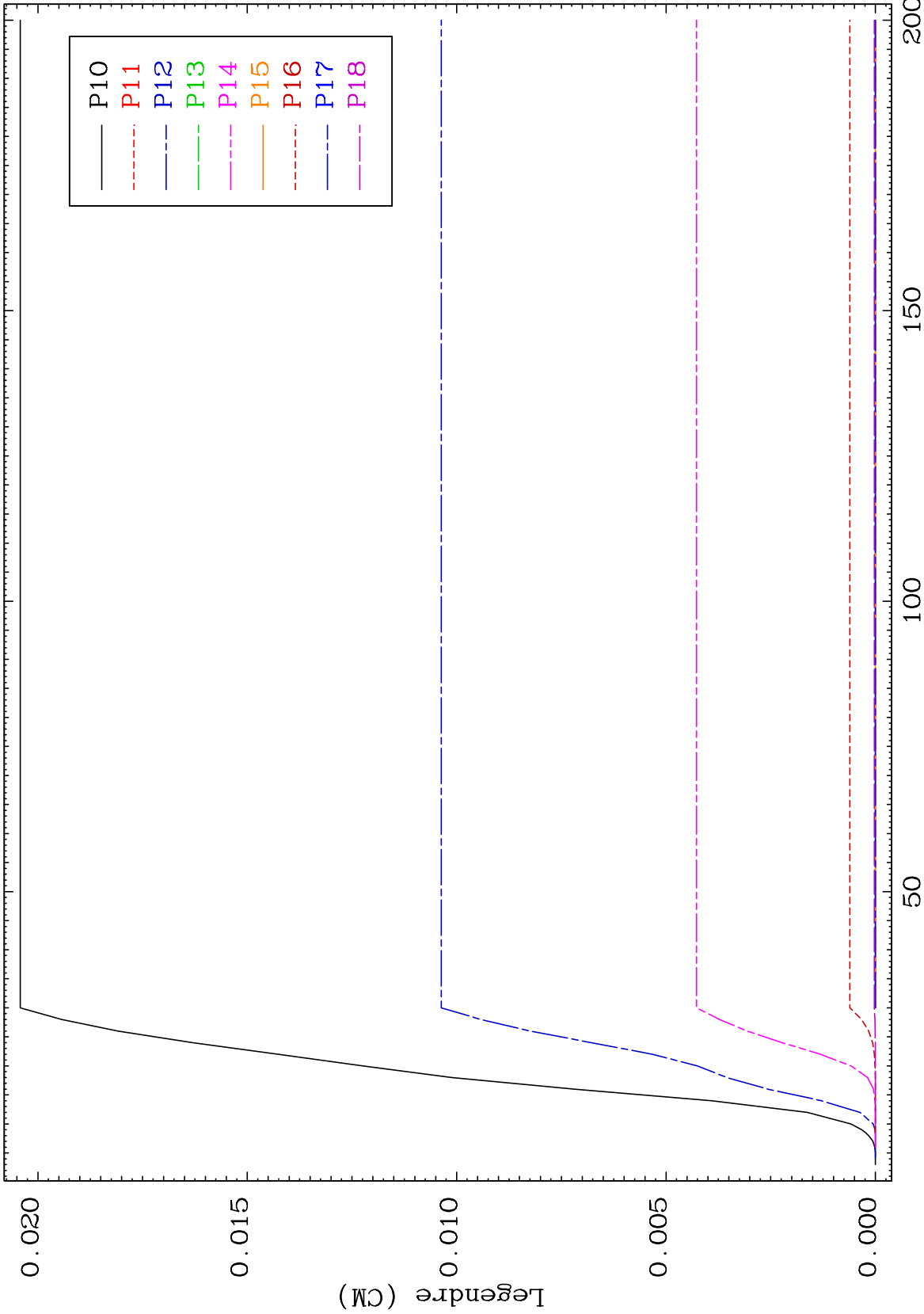
MAT 3237 MT= 74 (n,n') Level Legendre Coefficients 32-Ge-74



MAT 3237

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

32-Ge-74

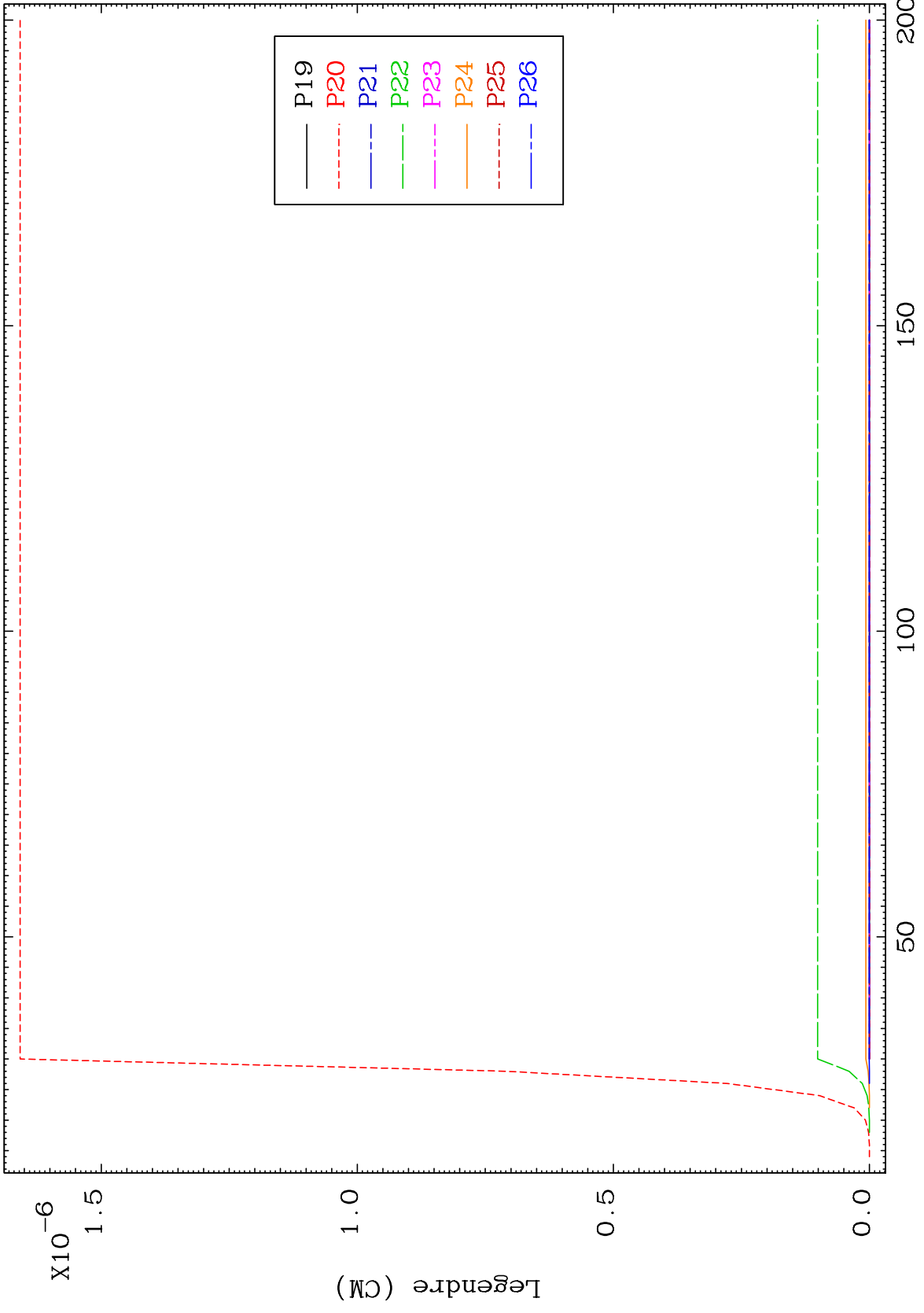


92

Incident Energy (MeV)

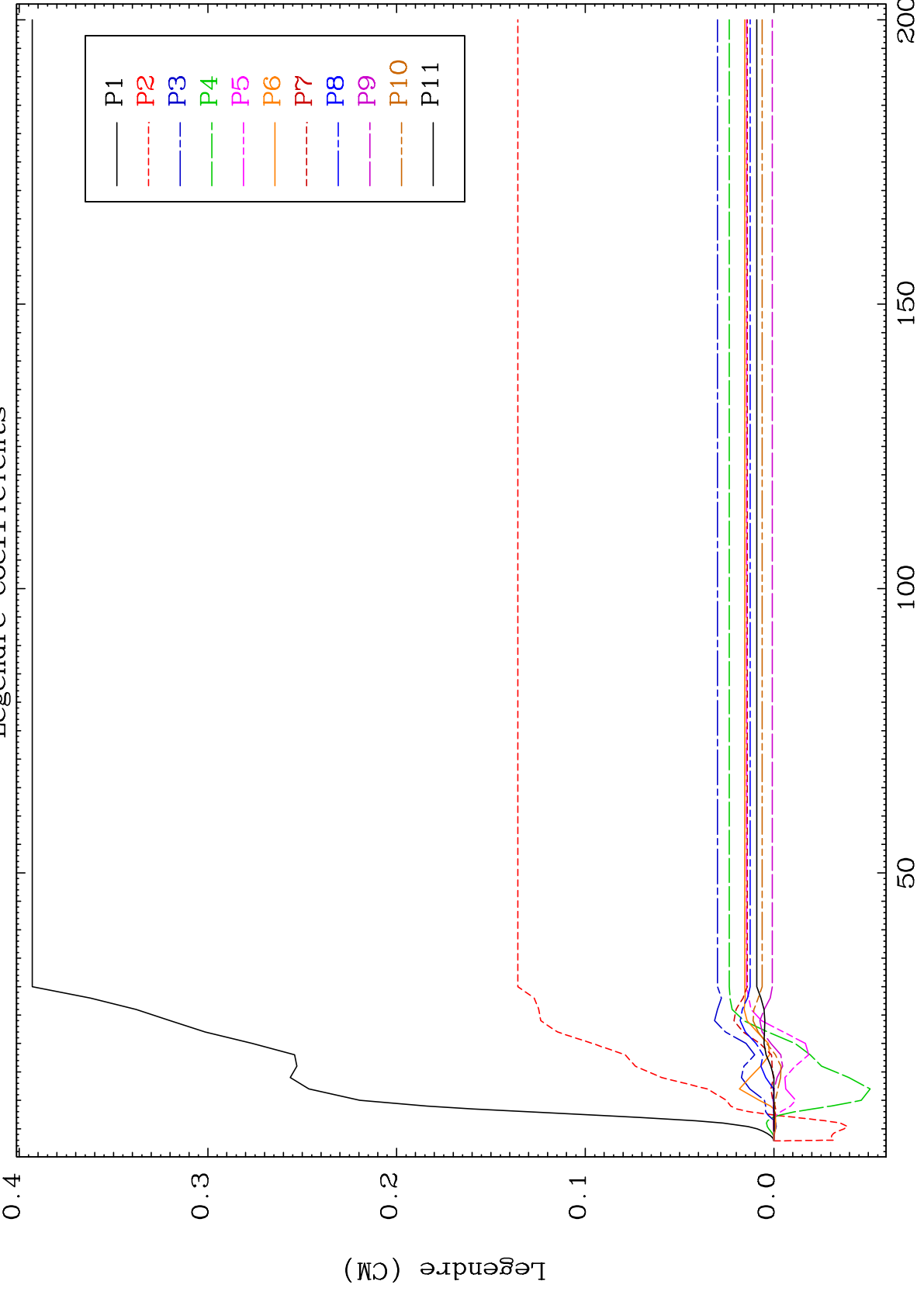
32-Ge-74

MAT 3237 MT= 74 (n,n') Level Legendre Coefficients 32-Ge-74



93 32-Ge-74

MAT 3237 MT= 75 (n,n') Level Legendre Coefficients 32-Ge-74

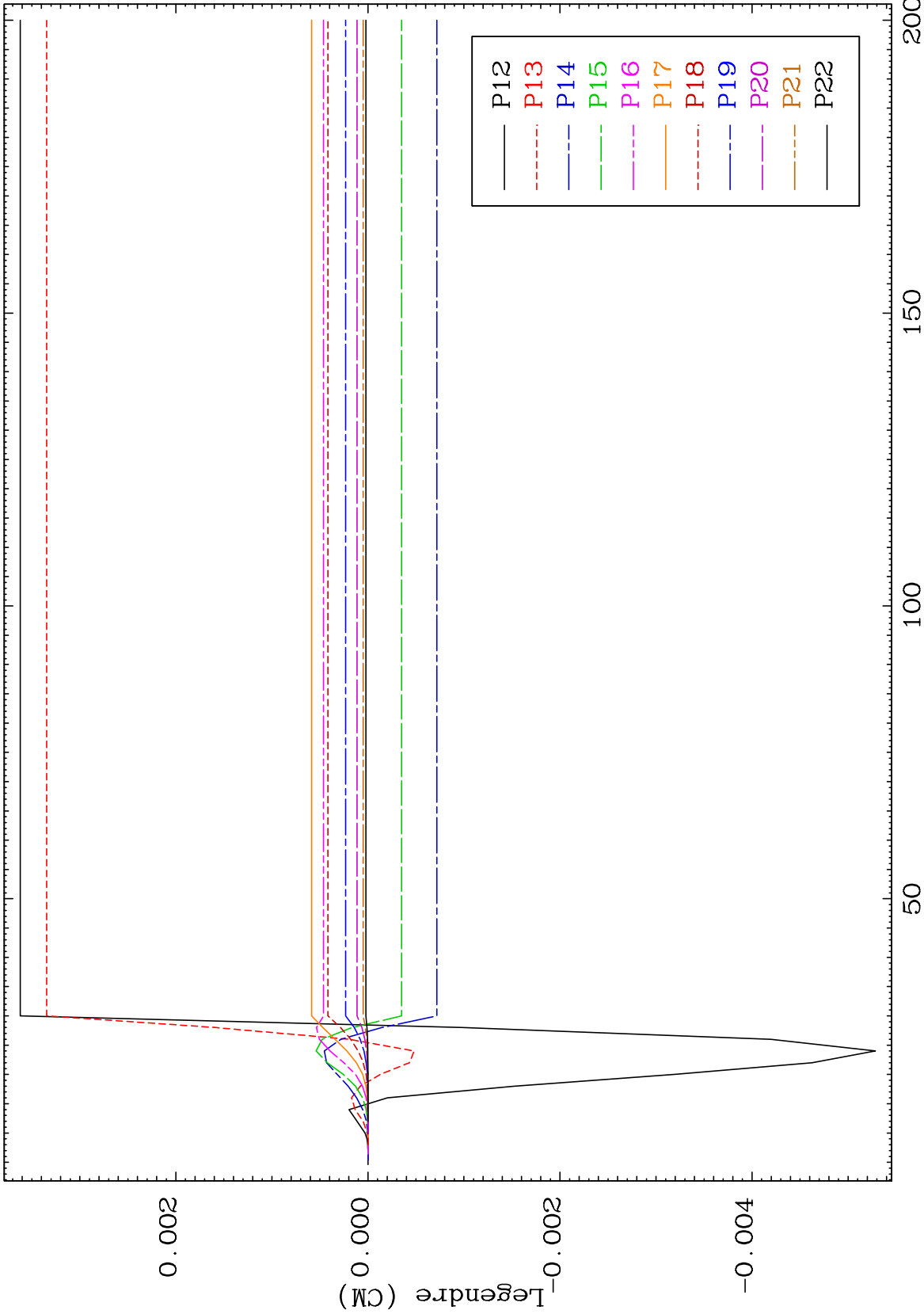


94 32-Ge-74

MAT 3237

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

32-Ge-74



95

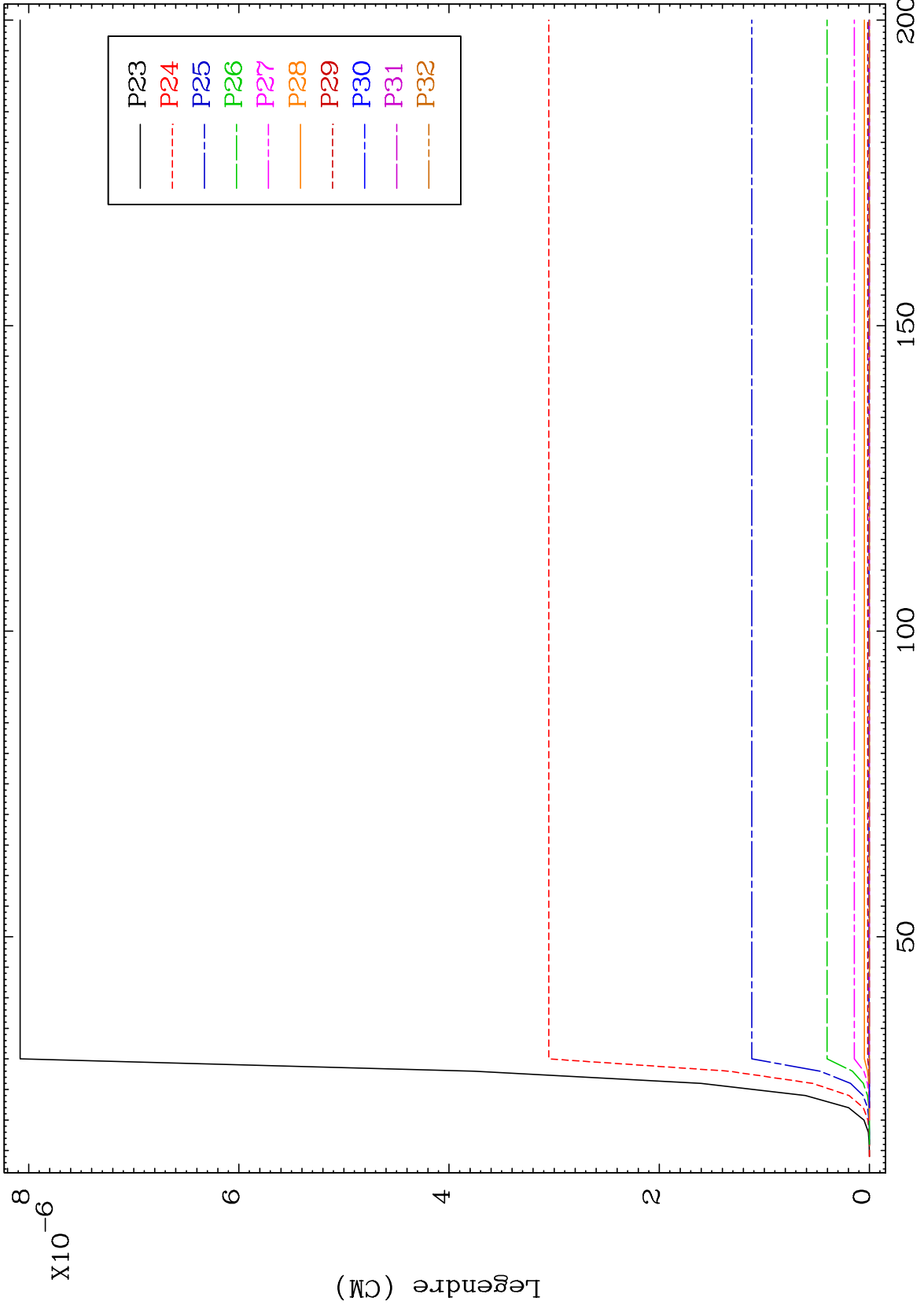
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



96

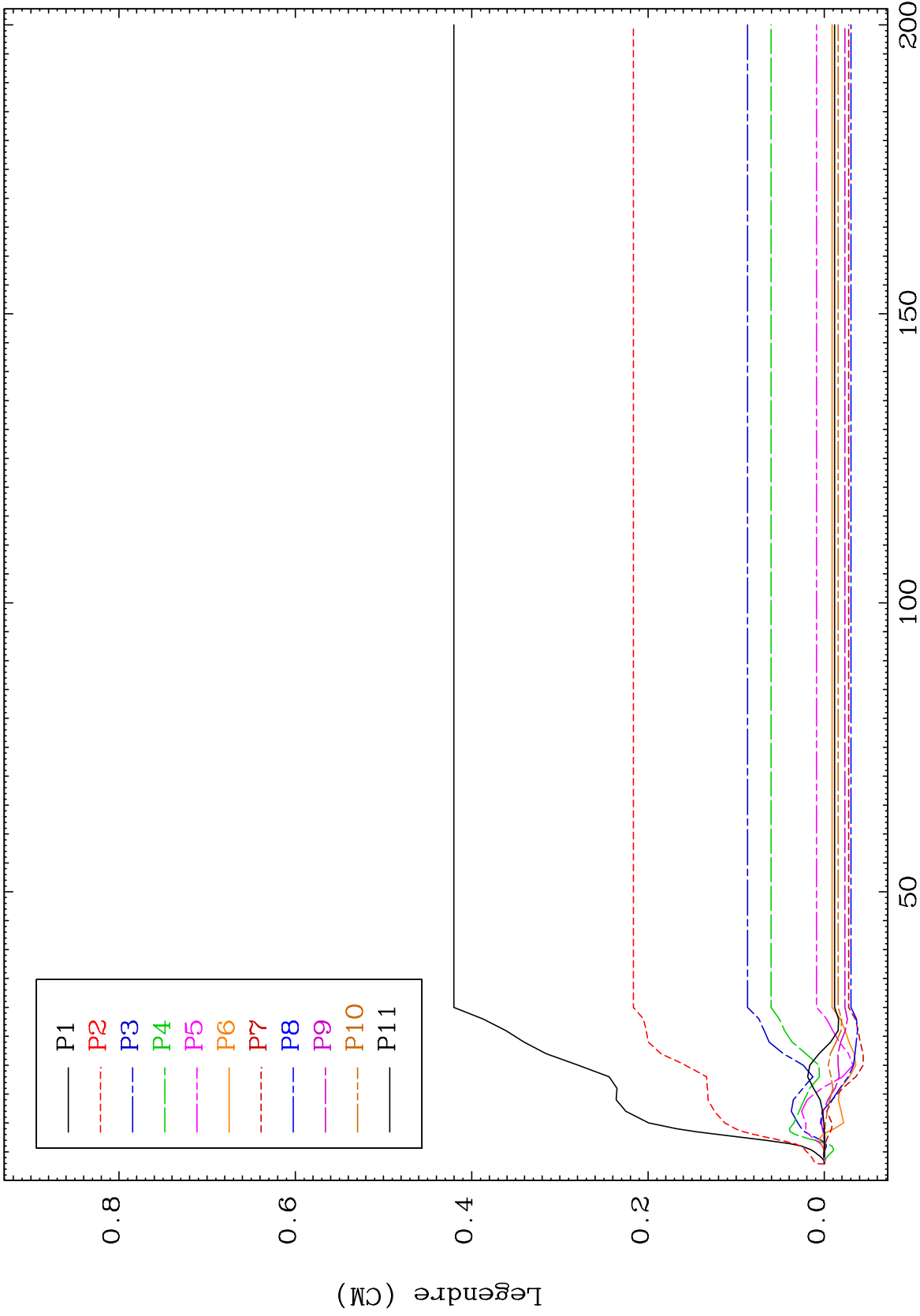
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



97

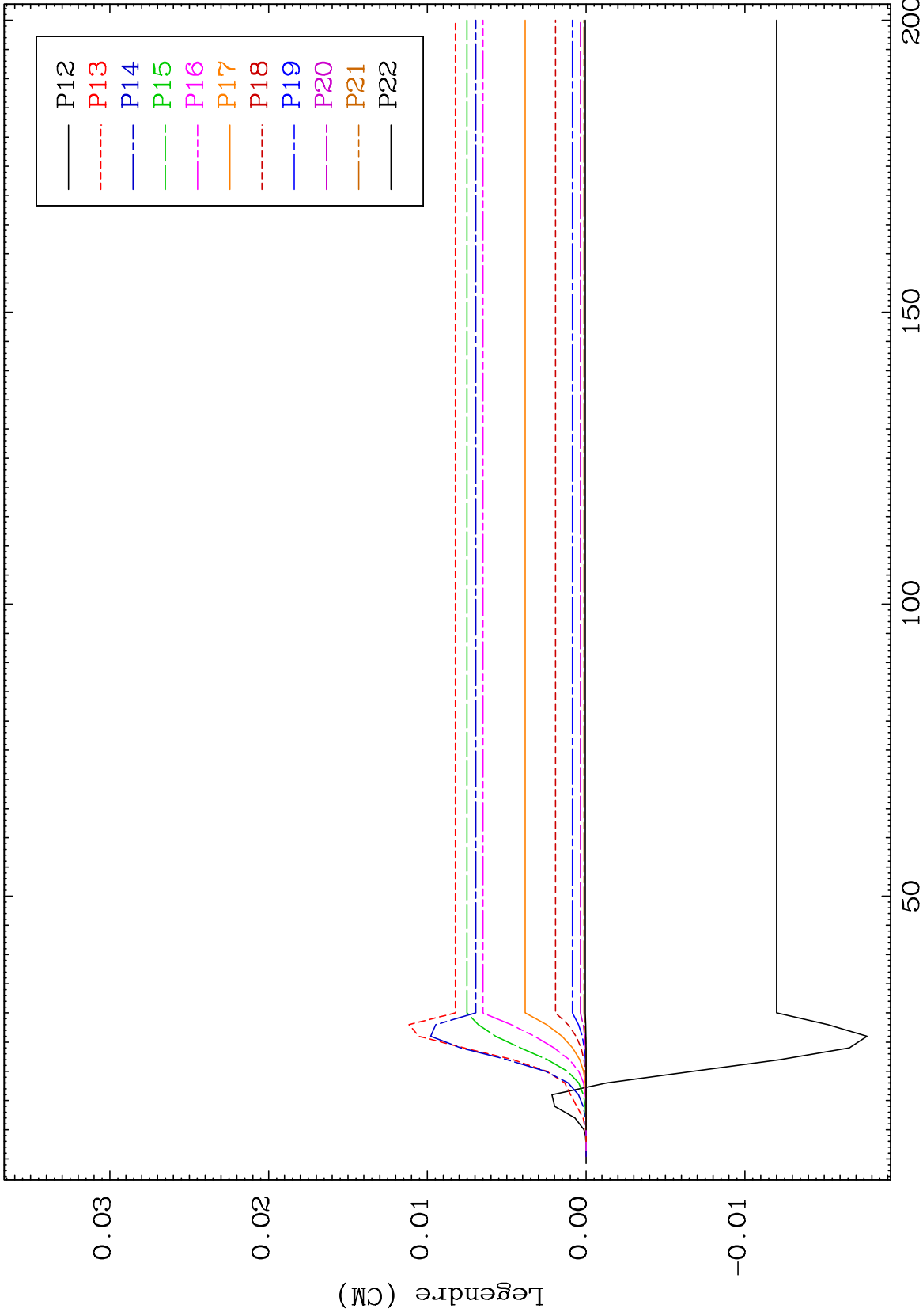
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



98

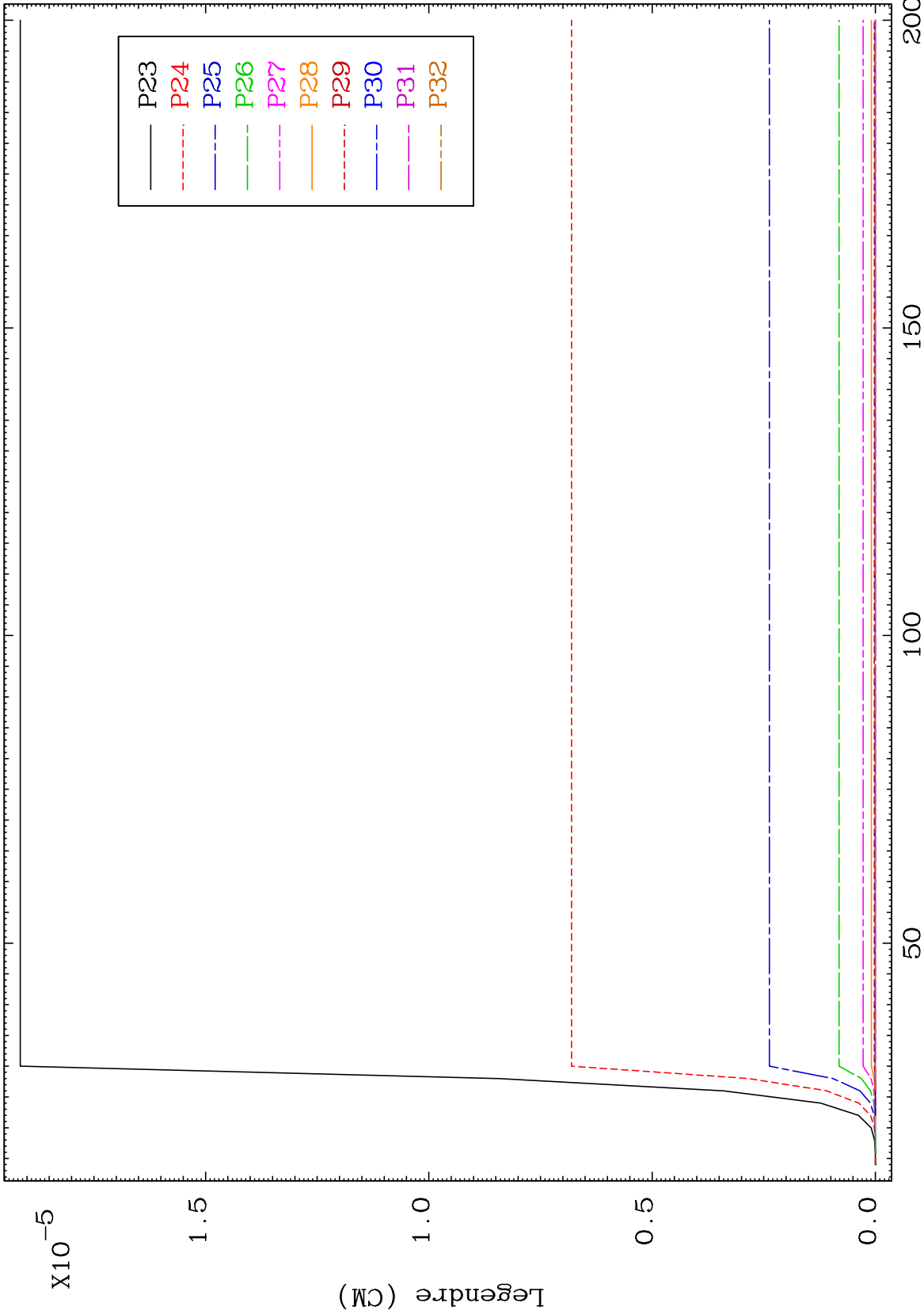
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



99

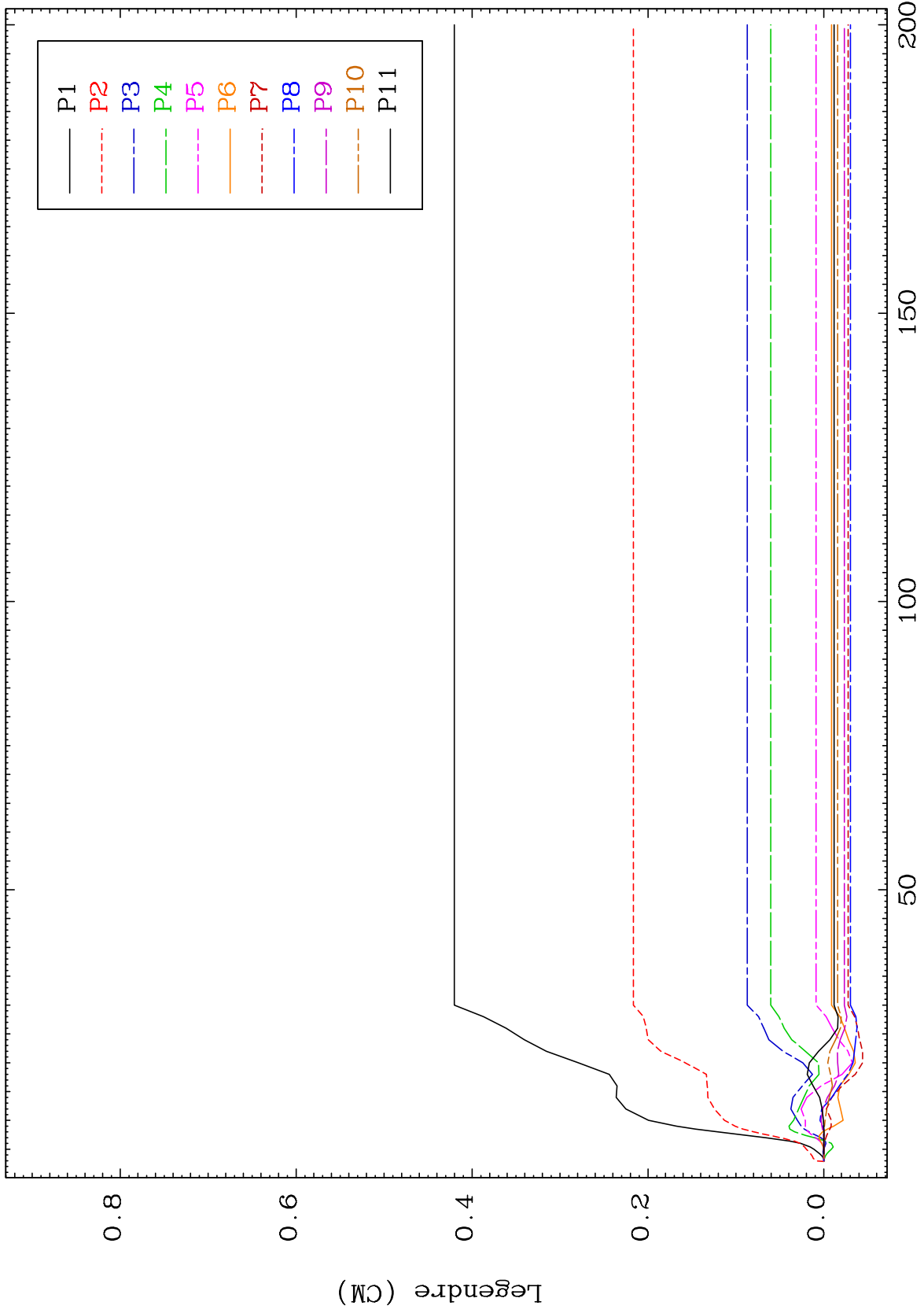
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32-Ge-74

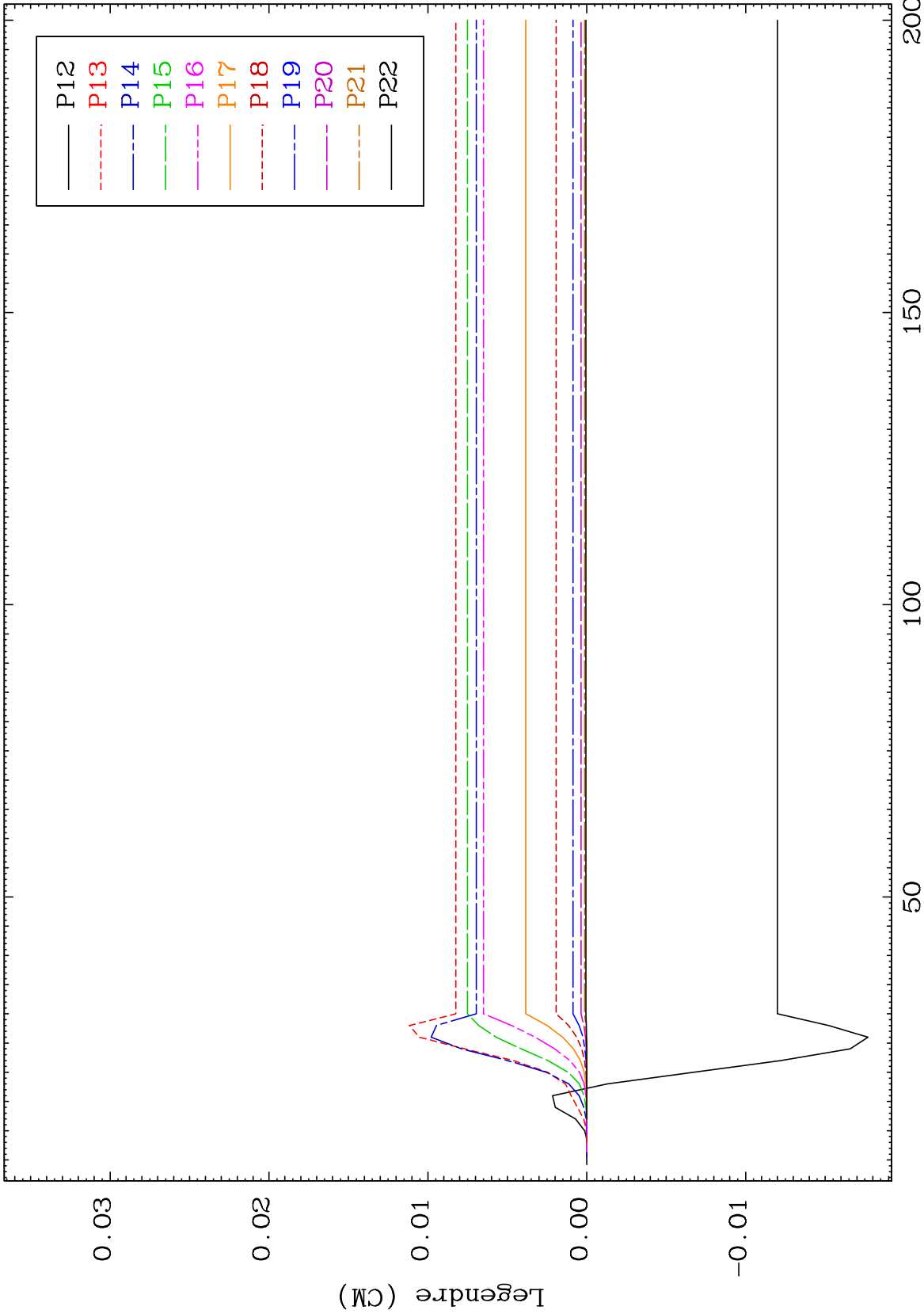
Incident Energy (MeV)

Legendre (CM)

MAT 3237

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

32-Ge-74



101

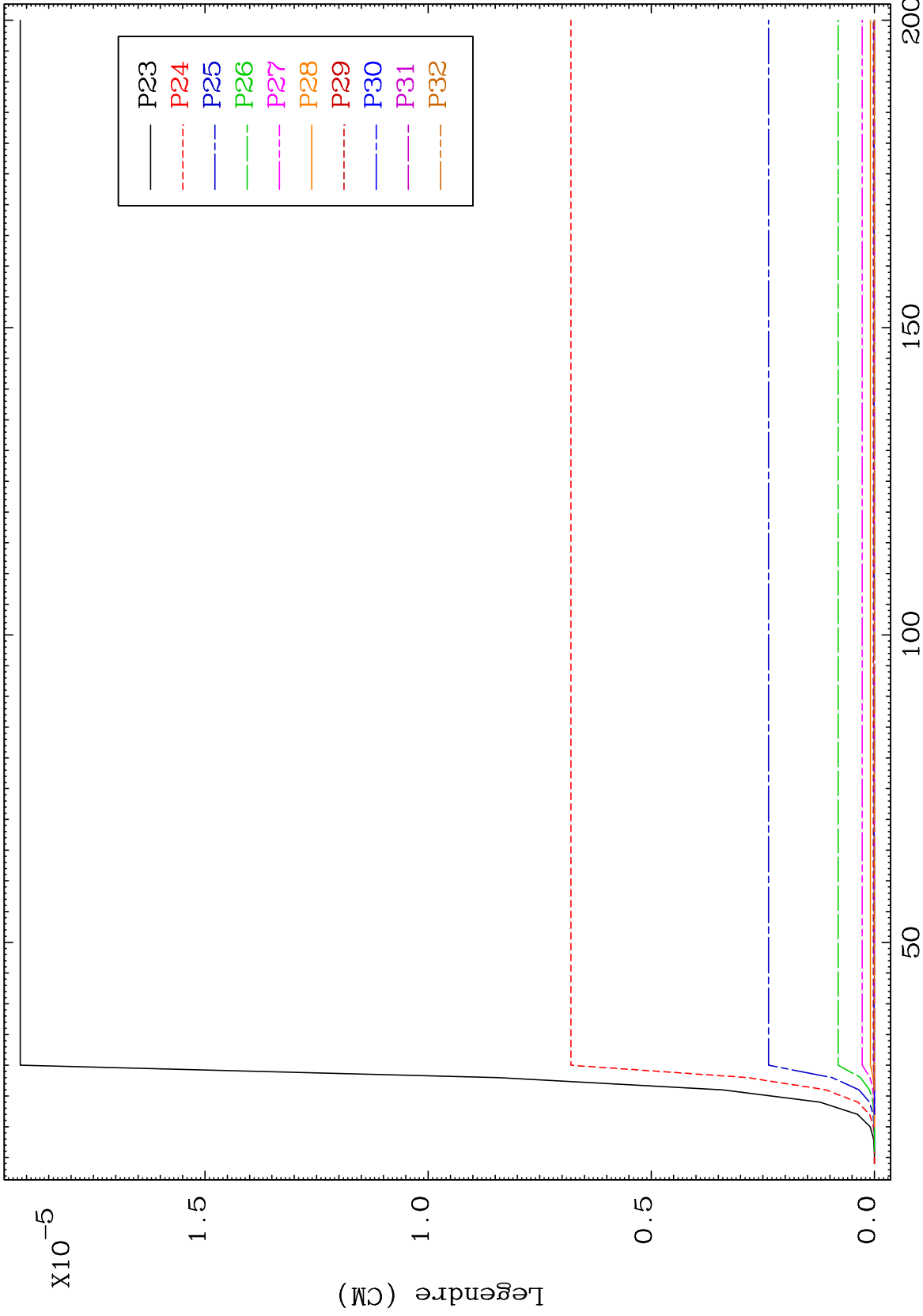
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



102

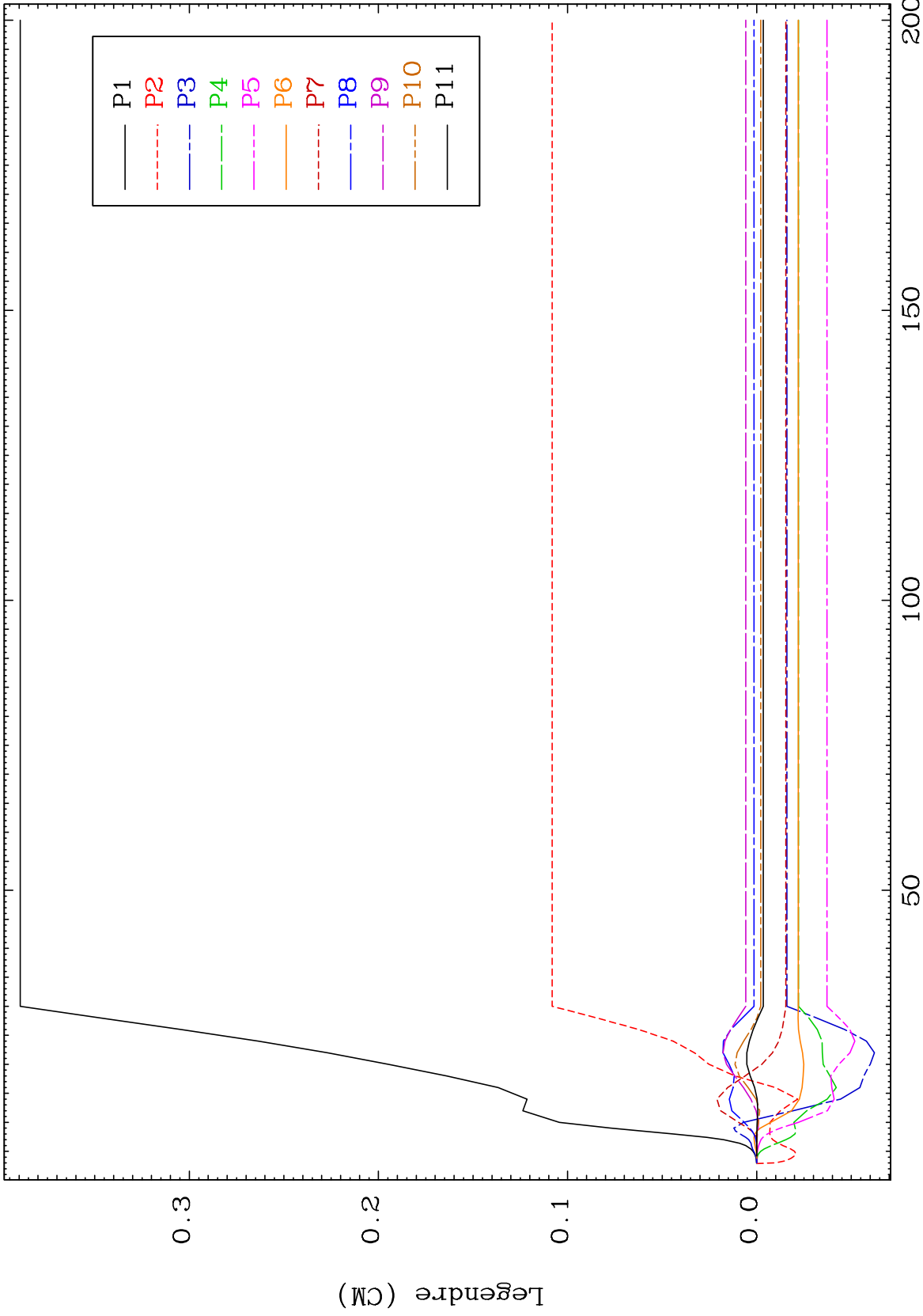
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



103

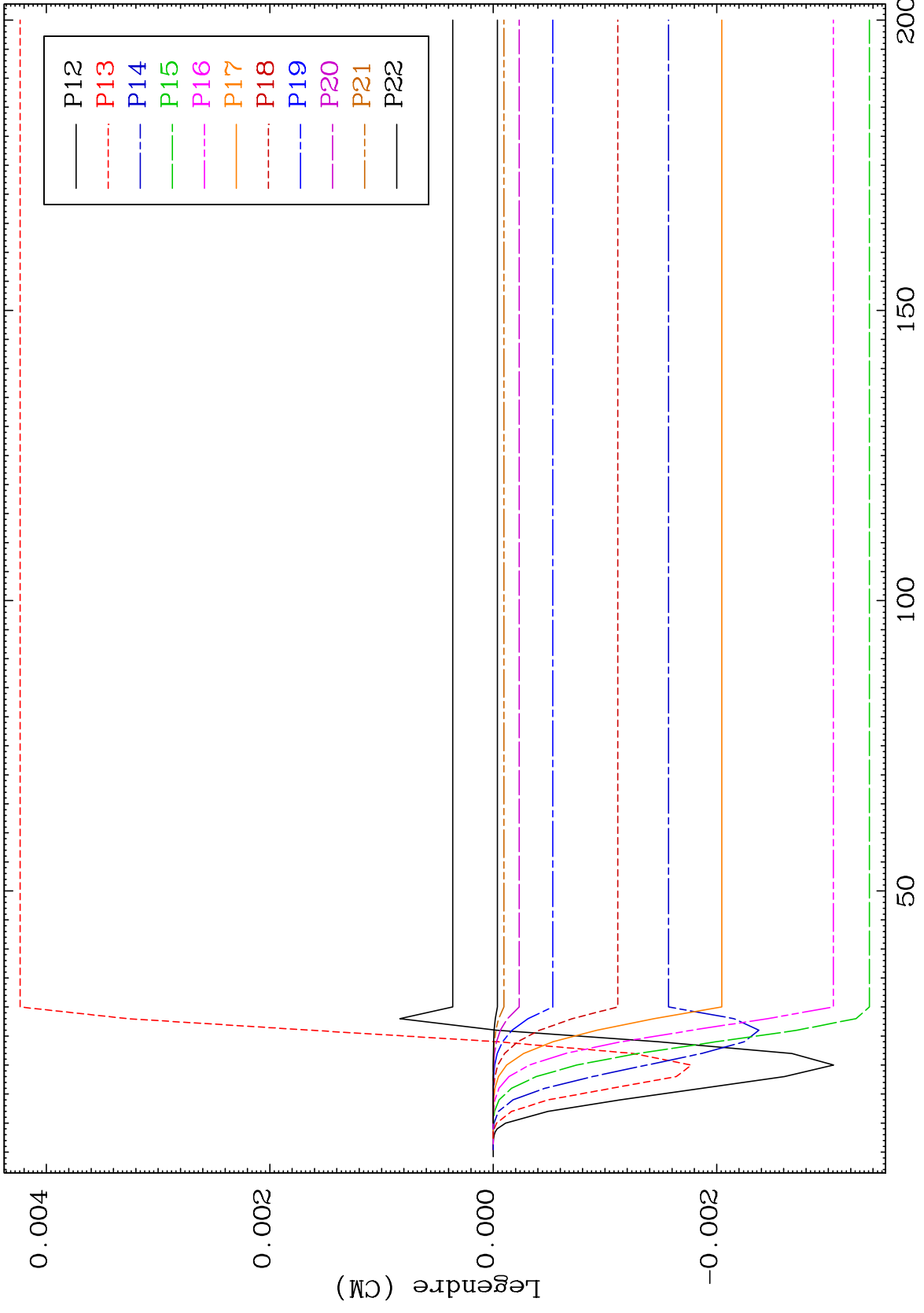
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



104

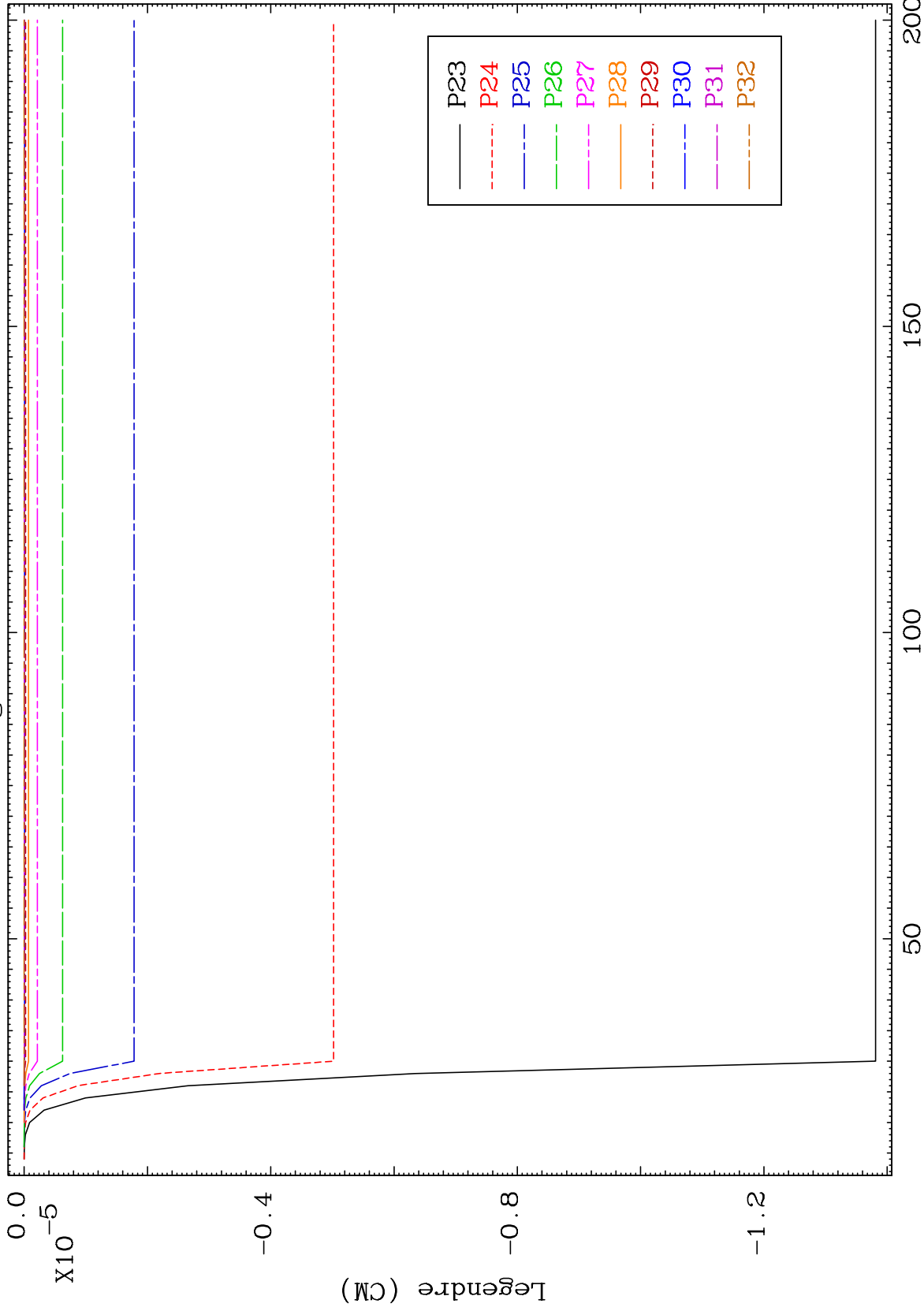
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74



32-Ge-74

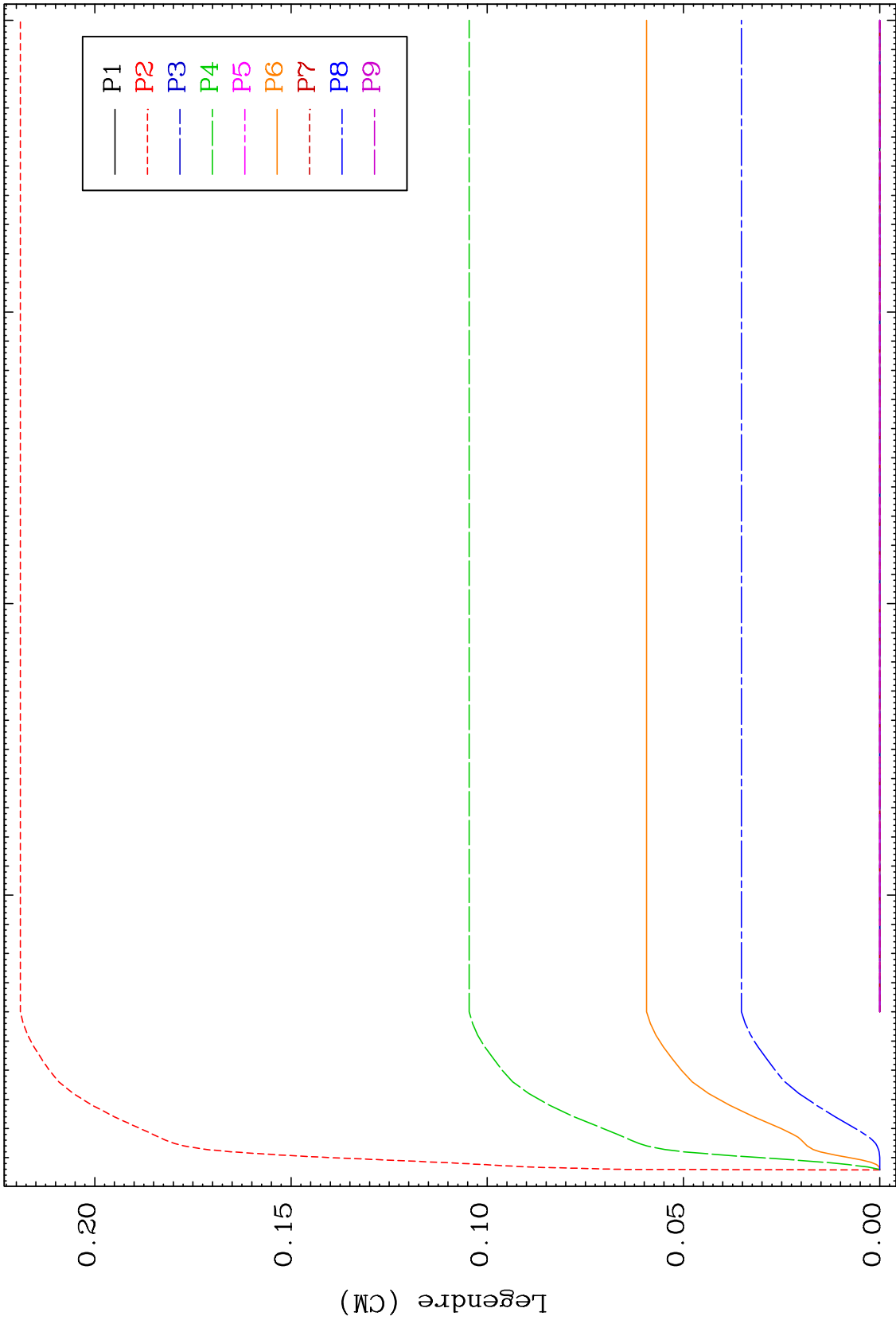
Incident Energy (MeV)

105

MAT 3237

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

32-Ge-74



106

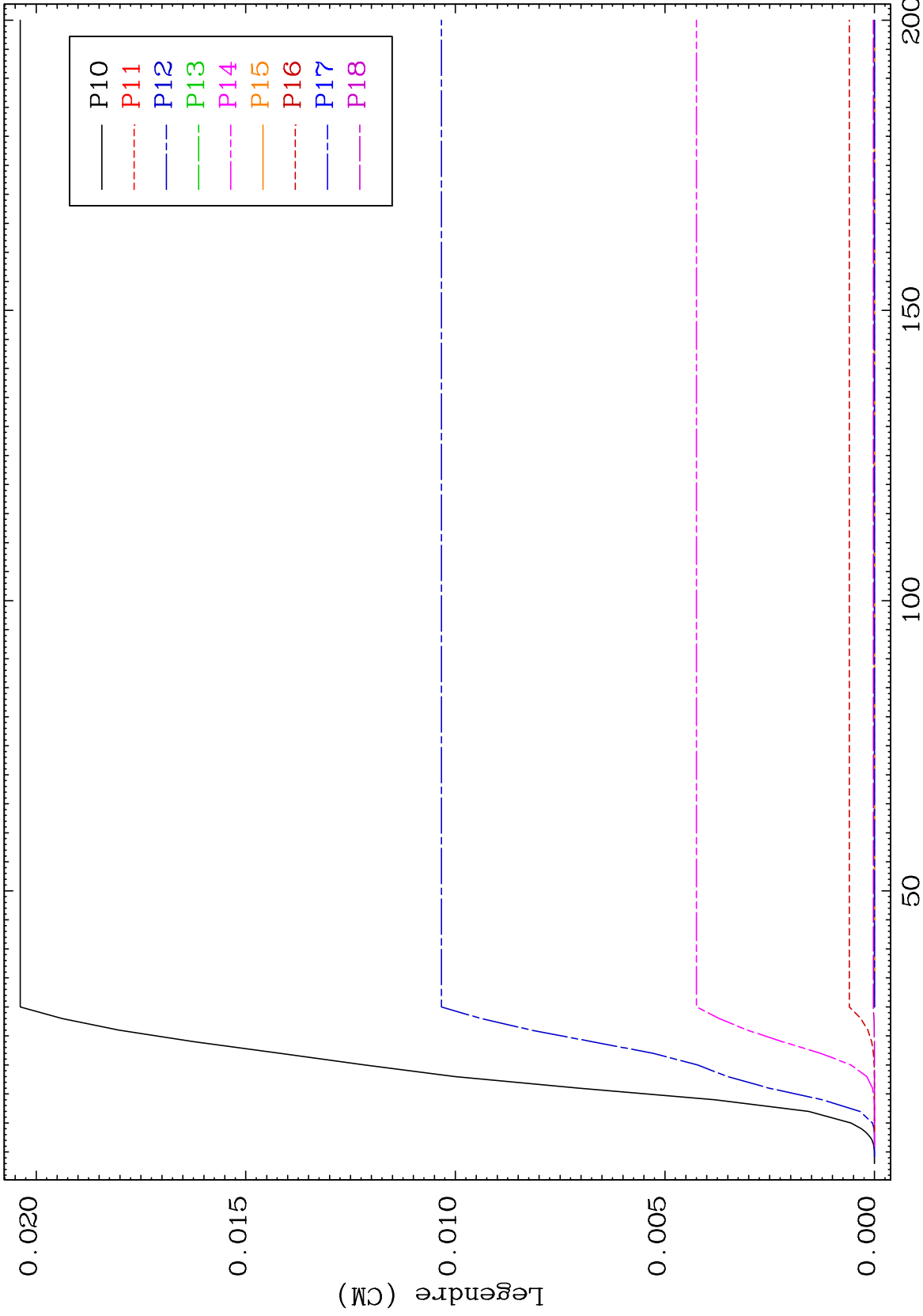
Incident Energy (MeV)

32-Ge-74

MAT 3237

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

32-Ge-74

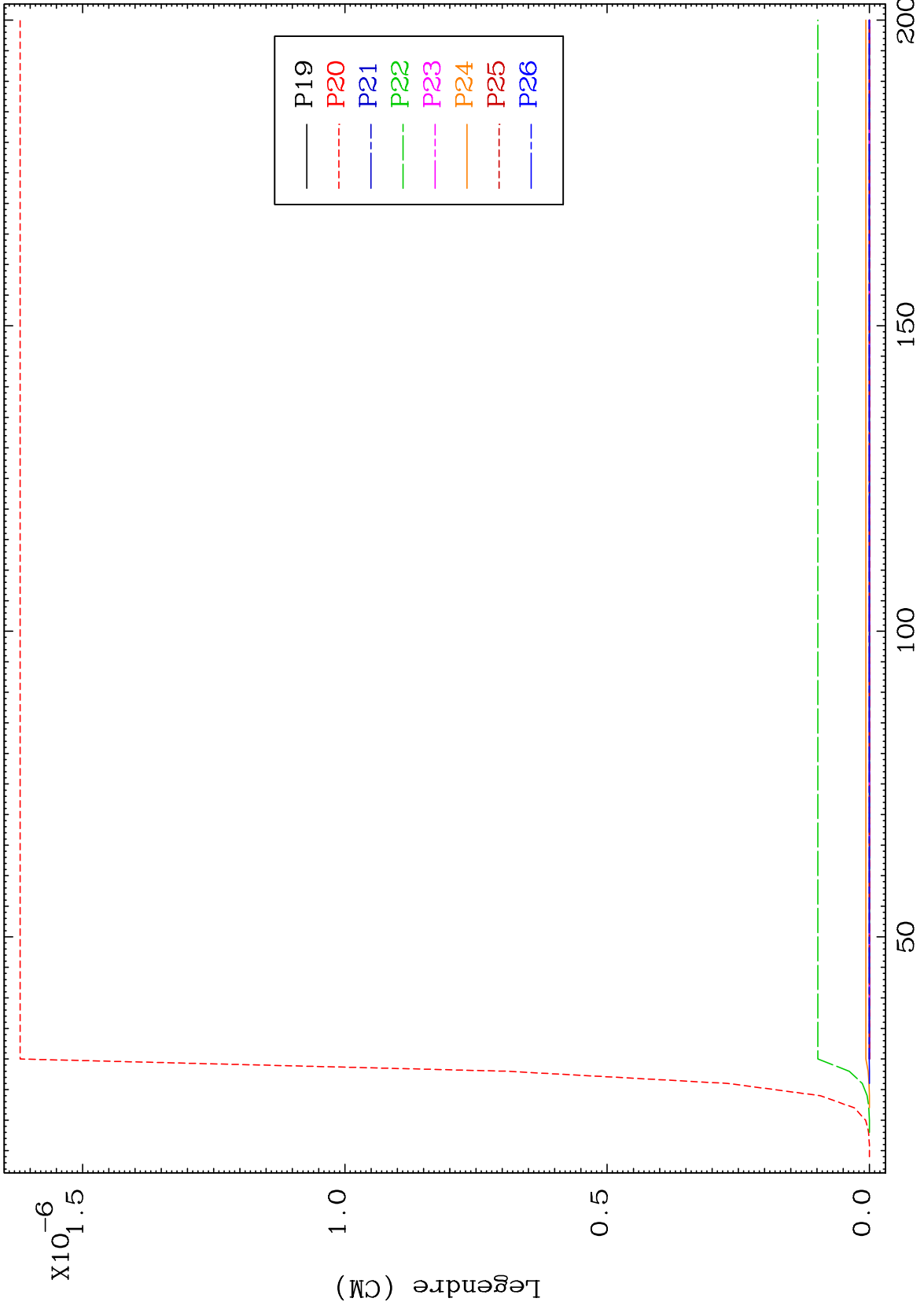


107

Incident Energy (MeV)

32-Ge-74

MAT 3237 MT= 79 (n,n') Level Legendre Coefficients 32-Ge-74



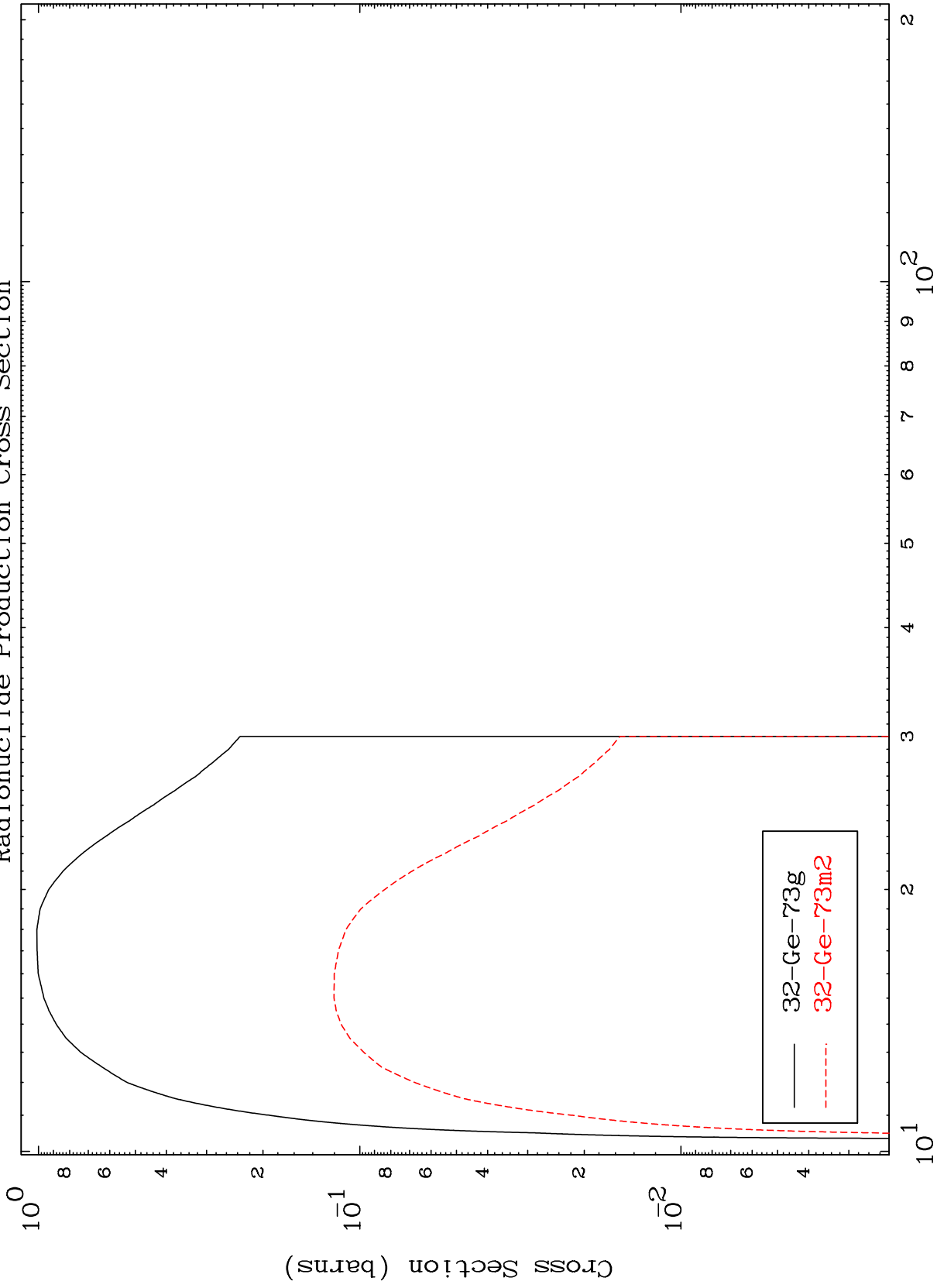
108 Incident Energy (MeV) 32-Ge-74

MAT 3237

³²Ge-74

Radionuclide Production Cross Section

(n,2n)



³²Ge-74

Incident Energy (MeV)

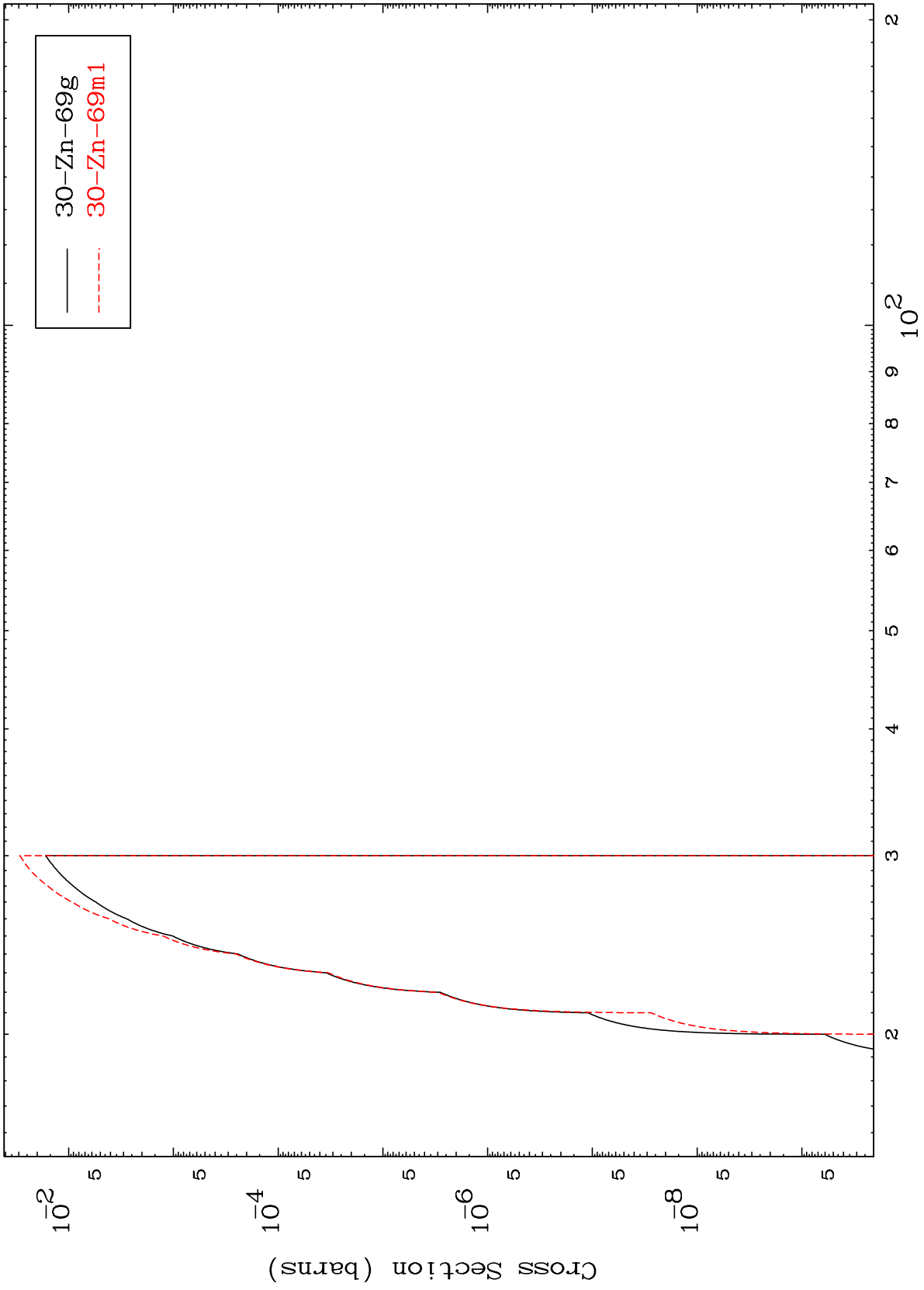
109

MAT 3237

(n,2n) α

³²Ge-74

Radionuclide Production Cross Section



110

Incident Energy (MeV)

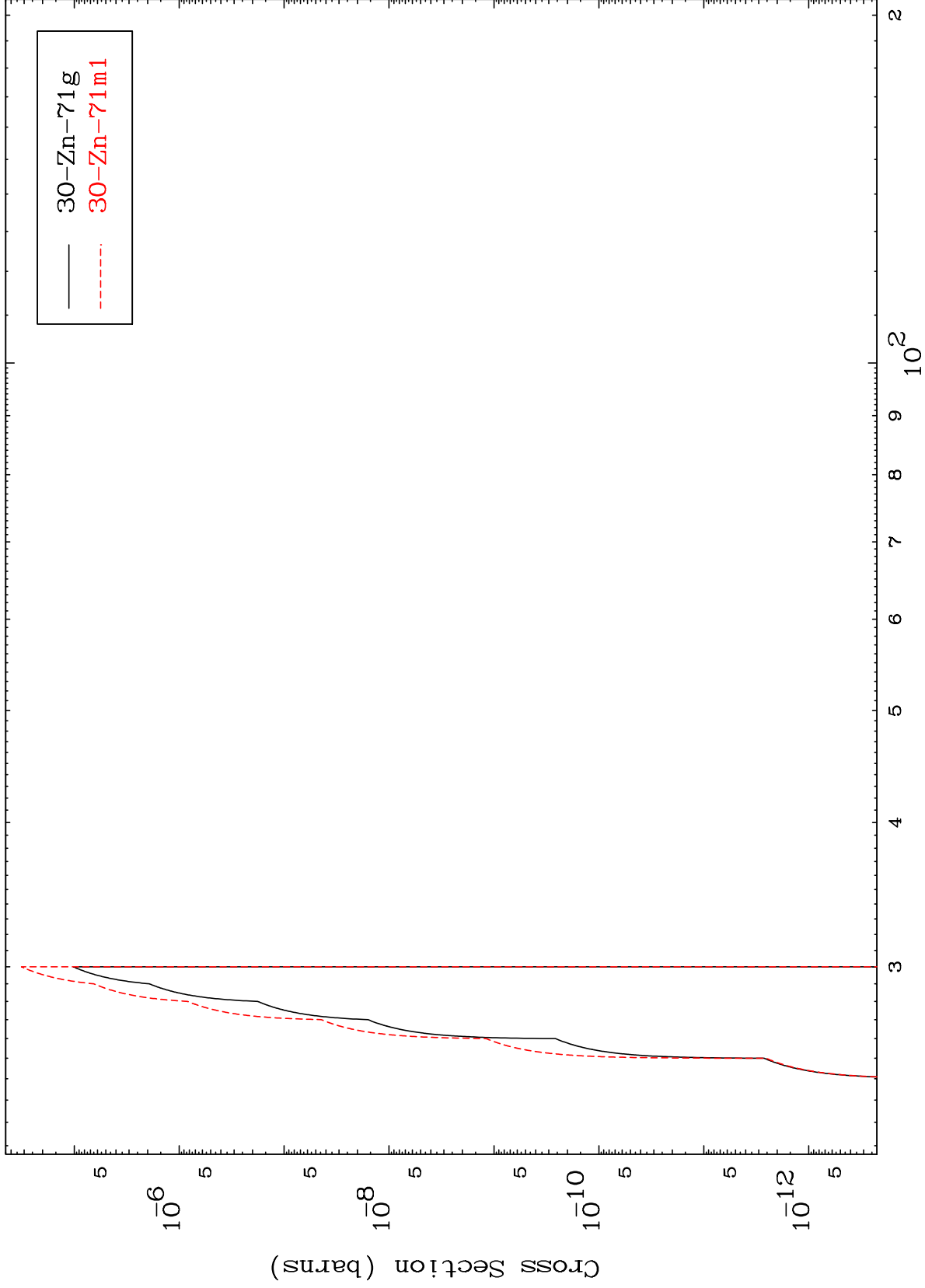
³²Ge-74

MAT 3237

(n, n') He-3

32-Ge-74

Radionuclide Production Cross Section



111

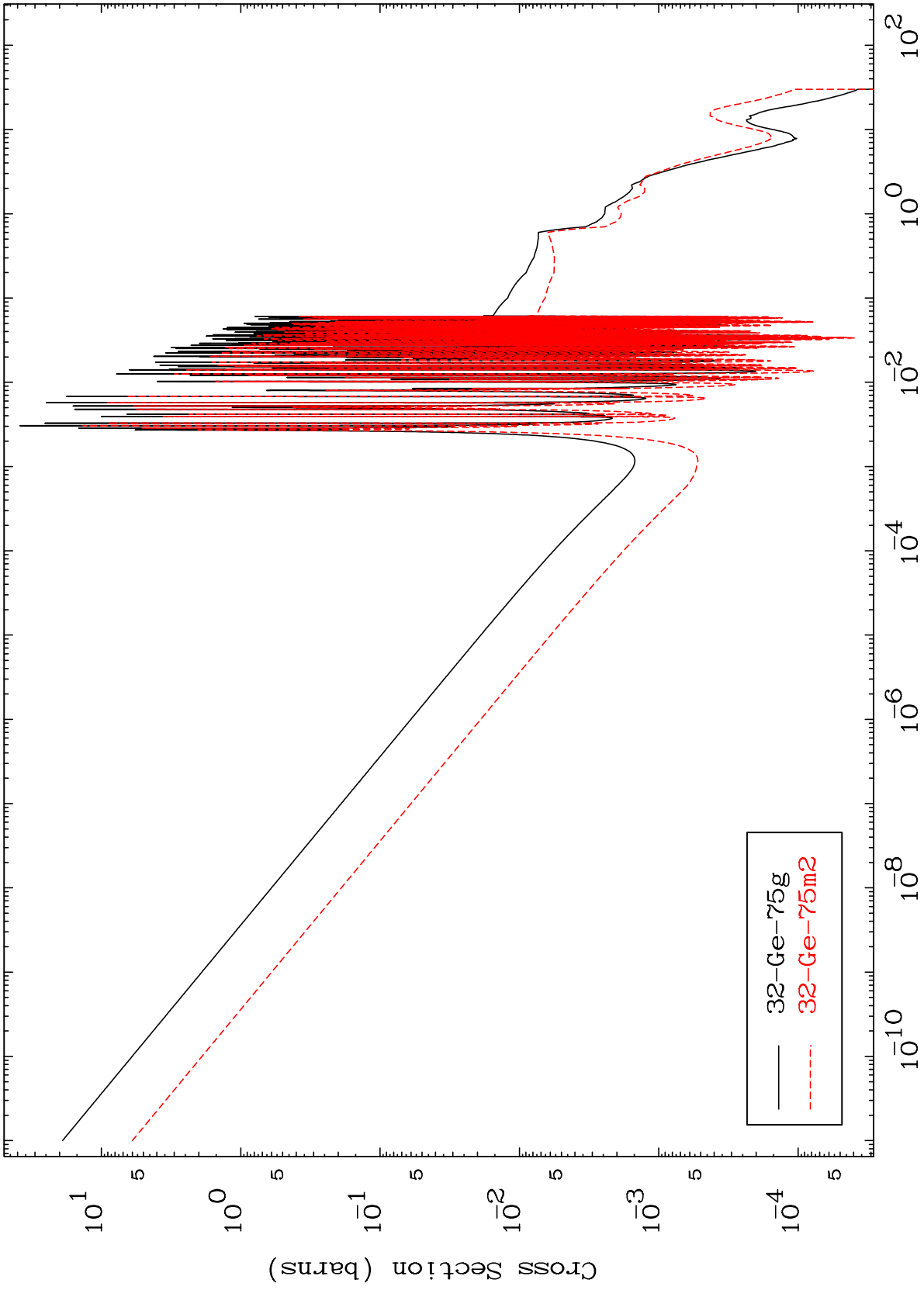
Incident Energy (MeV)

32-Ge-74

MAT 3237

³²Ge-74

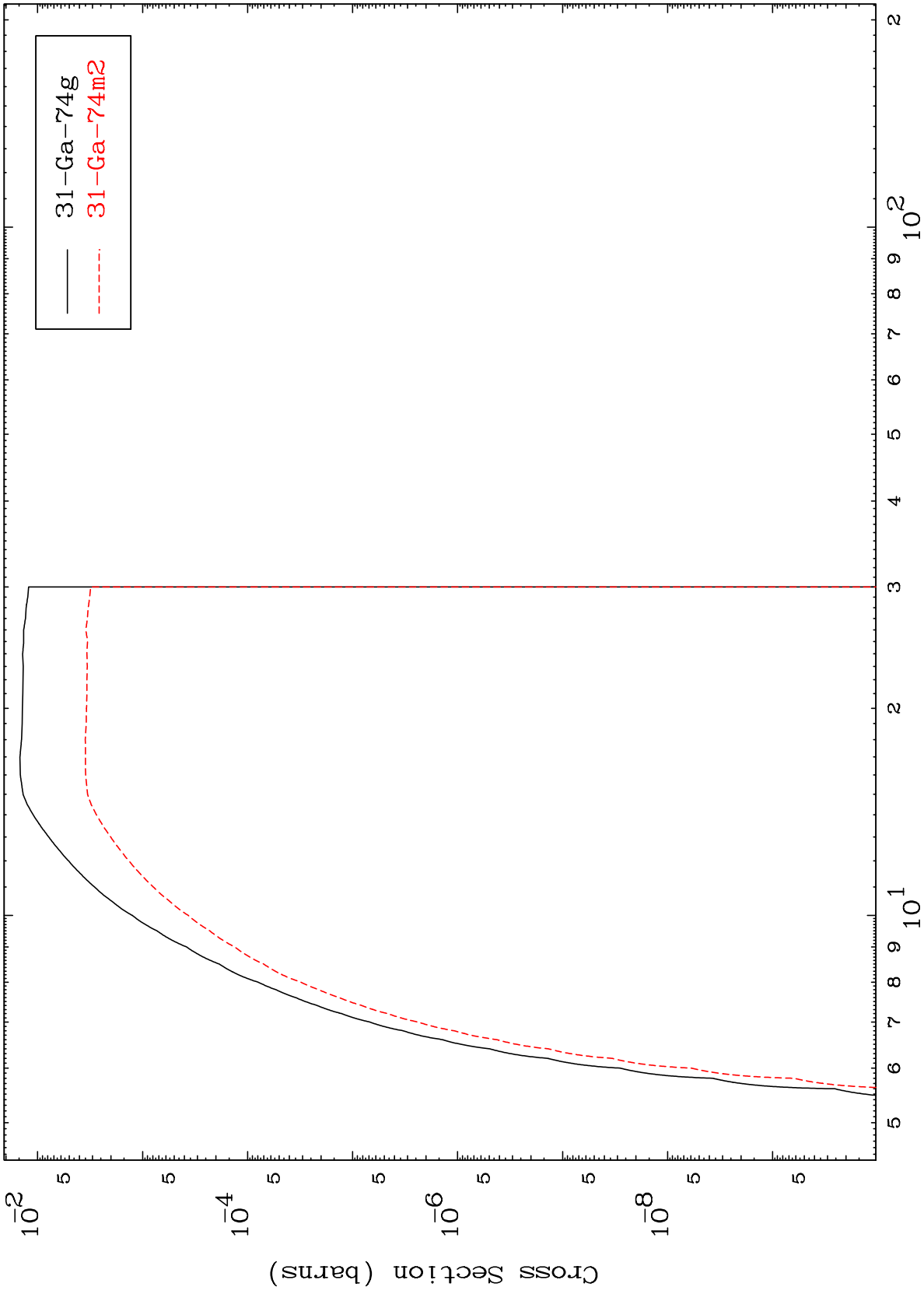
Radionuclide Production Cross Section
(n,γ)



MAT 3237

³²Ge-74

(n,p)
Radionuclide Production Cross Section



113

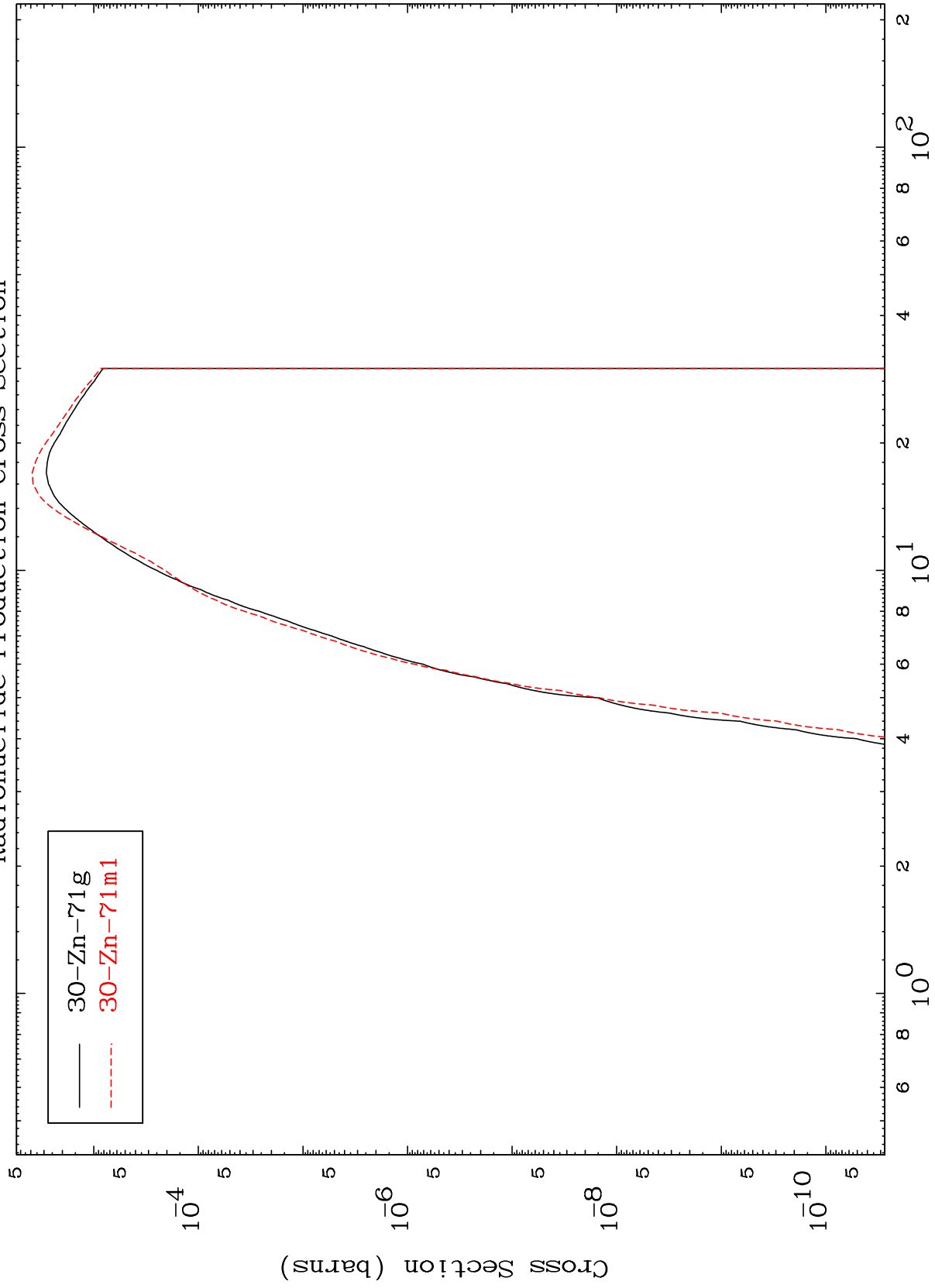
Incident Energy (MeV)

³²Ge-74

MAT 3237

32-Ge-74

Radionuclide Production Cross Section



114

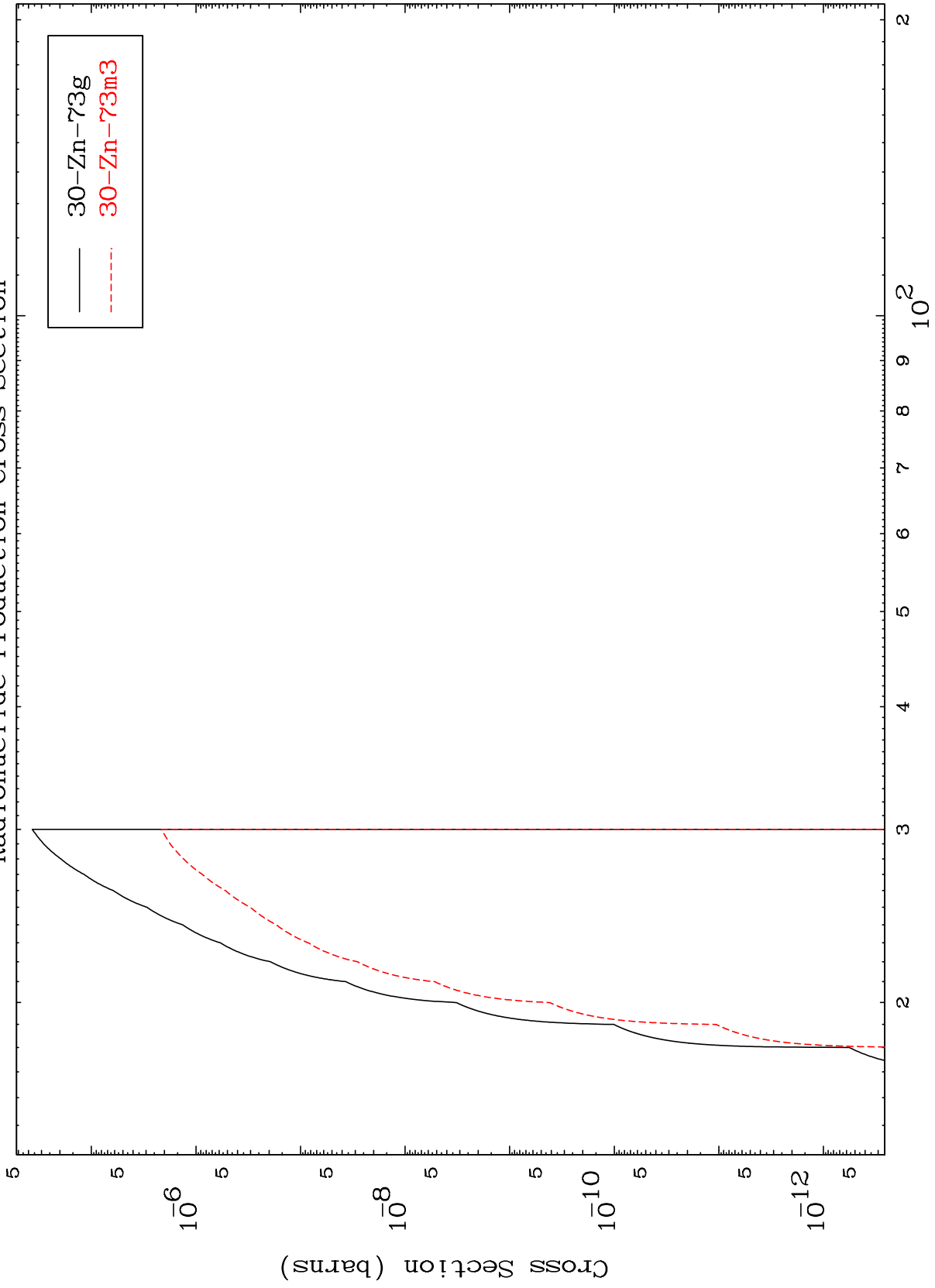
Incident Energy (MeV)

32-Ge-74

MAT 3237

³²Ge-74

(n,2p)
Radionuclide Production Cross Section



115

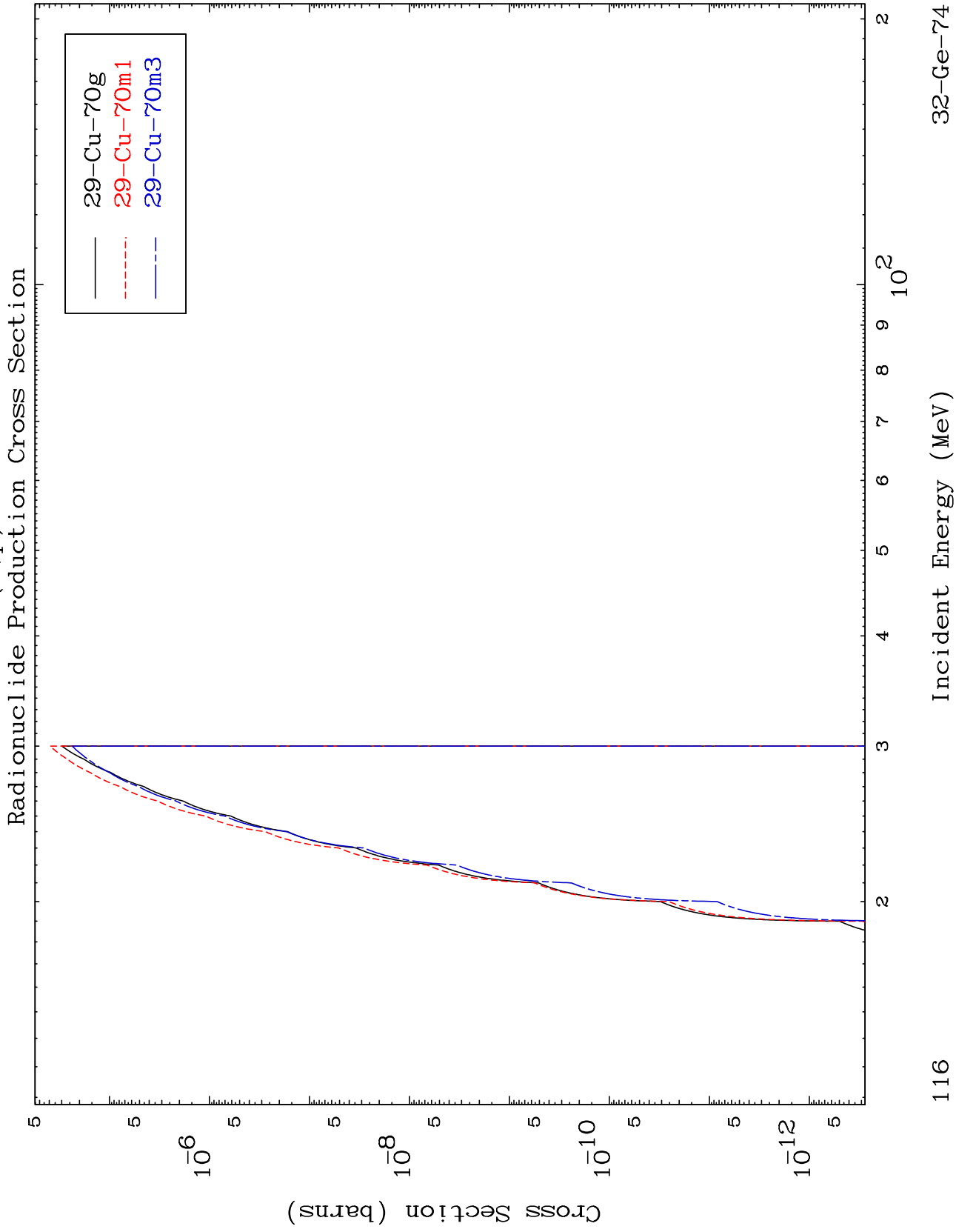
Incident Energy (MeV)

³²Ge-74

MAT 3237

(n,p) α

³²Ge-⁷⁴



116

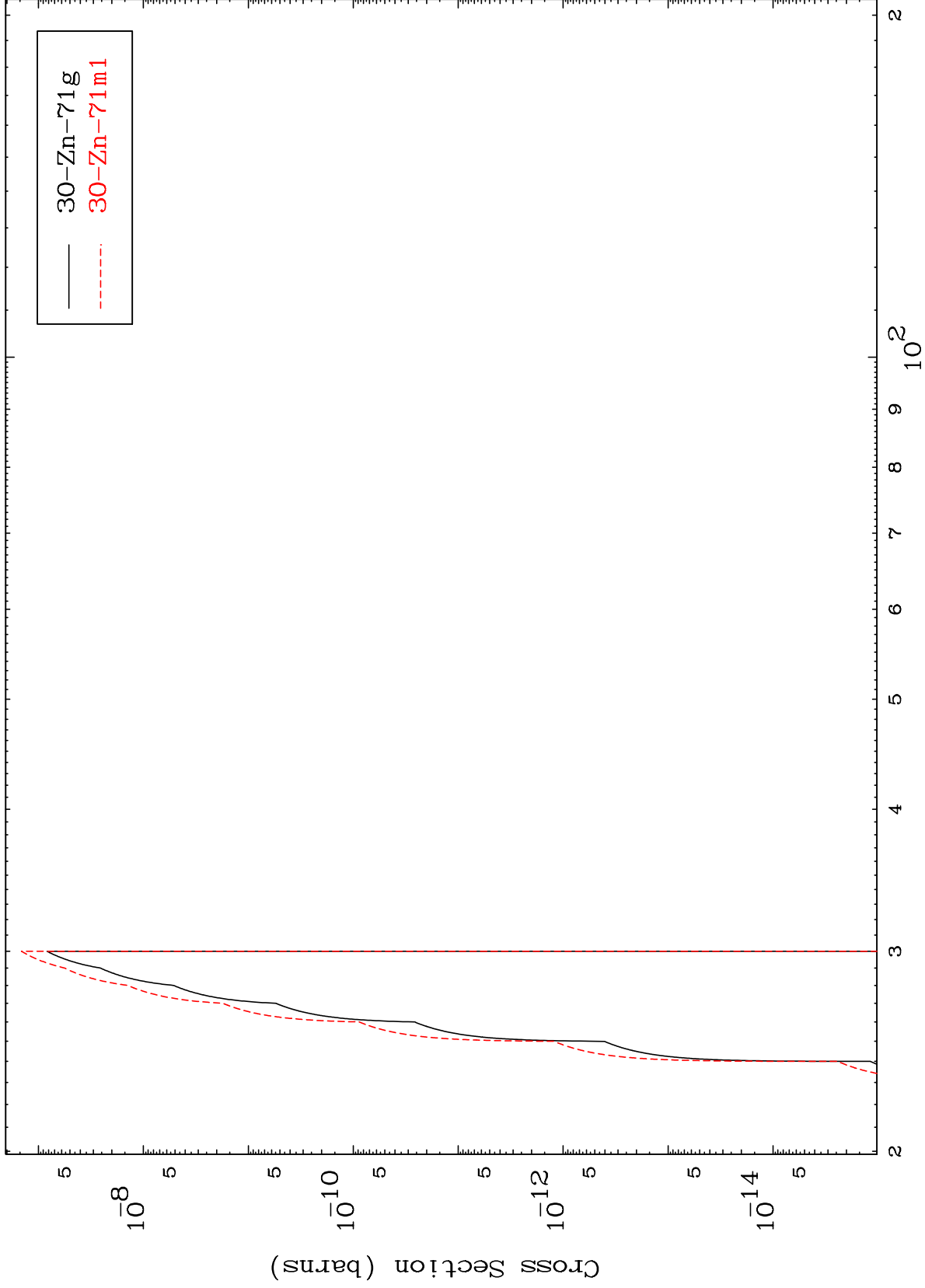
³²Ge-⁷⁴

MAT 3237

(n,p) t

32-Ge-74

Radionuclide Production Cross Section



117

Incident Energy (MeV)

32-Ge-74