

Program EVALPLOT
(Version 2018-1)

by

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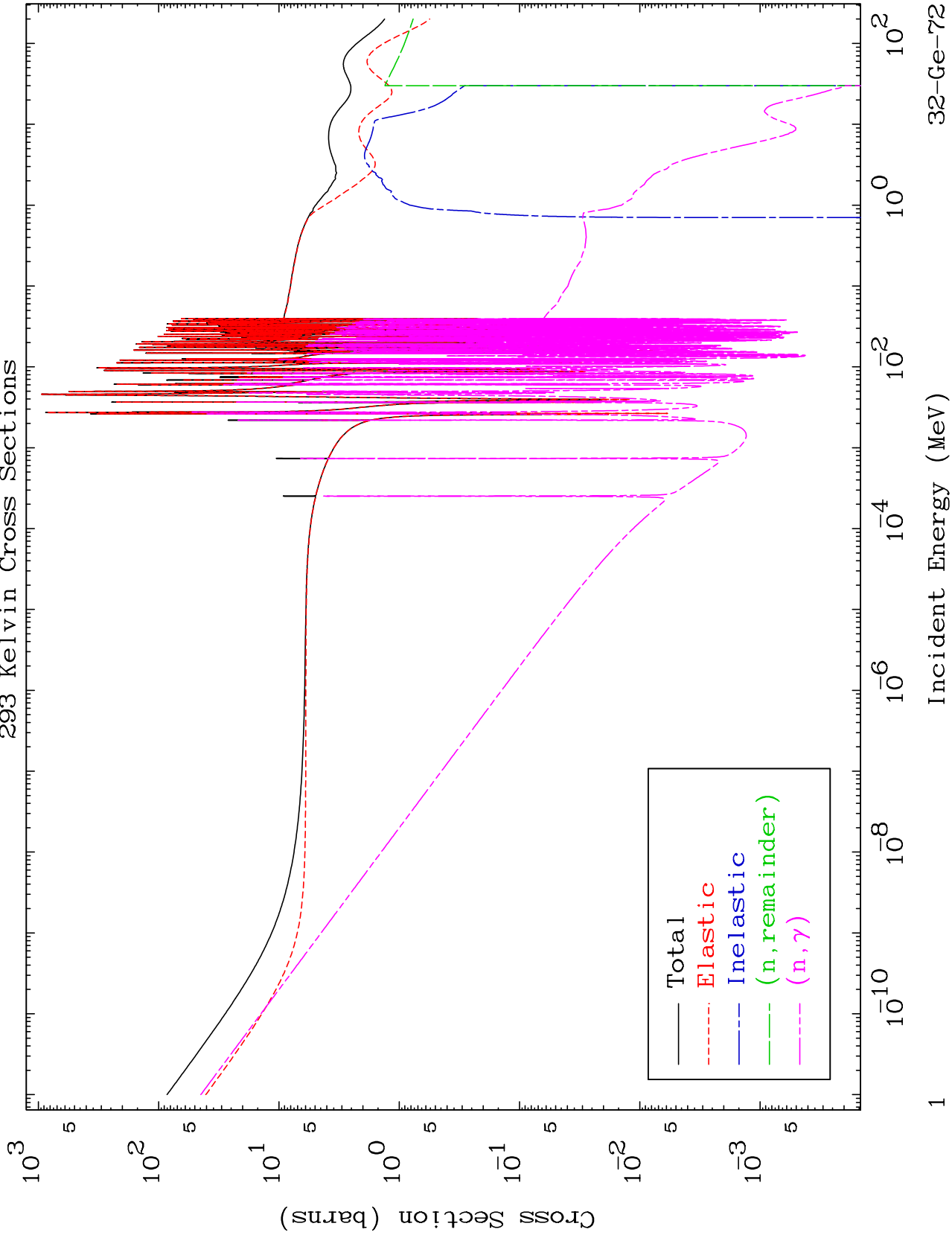
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3231

Major
293 Kelvin Cross Sections

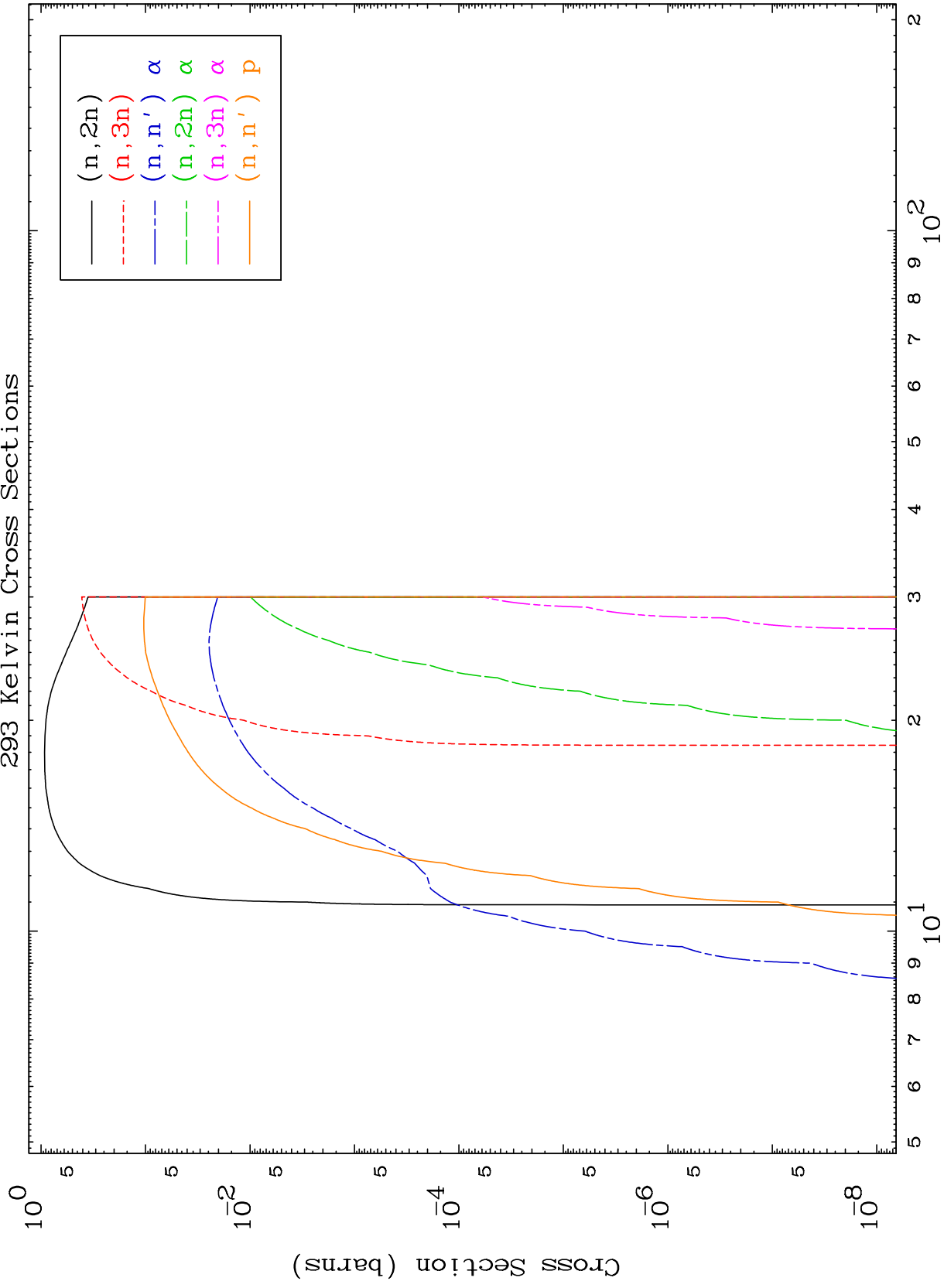
32-Ge-72



MAT 3231

Neutron Production 293 Kelvin Cross Sections

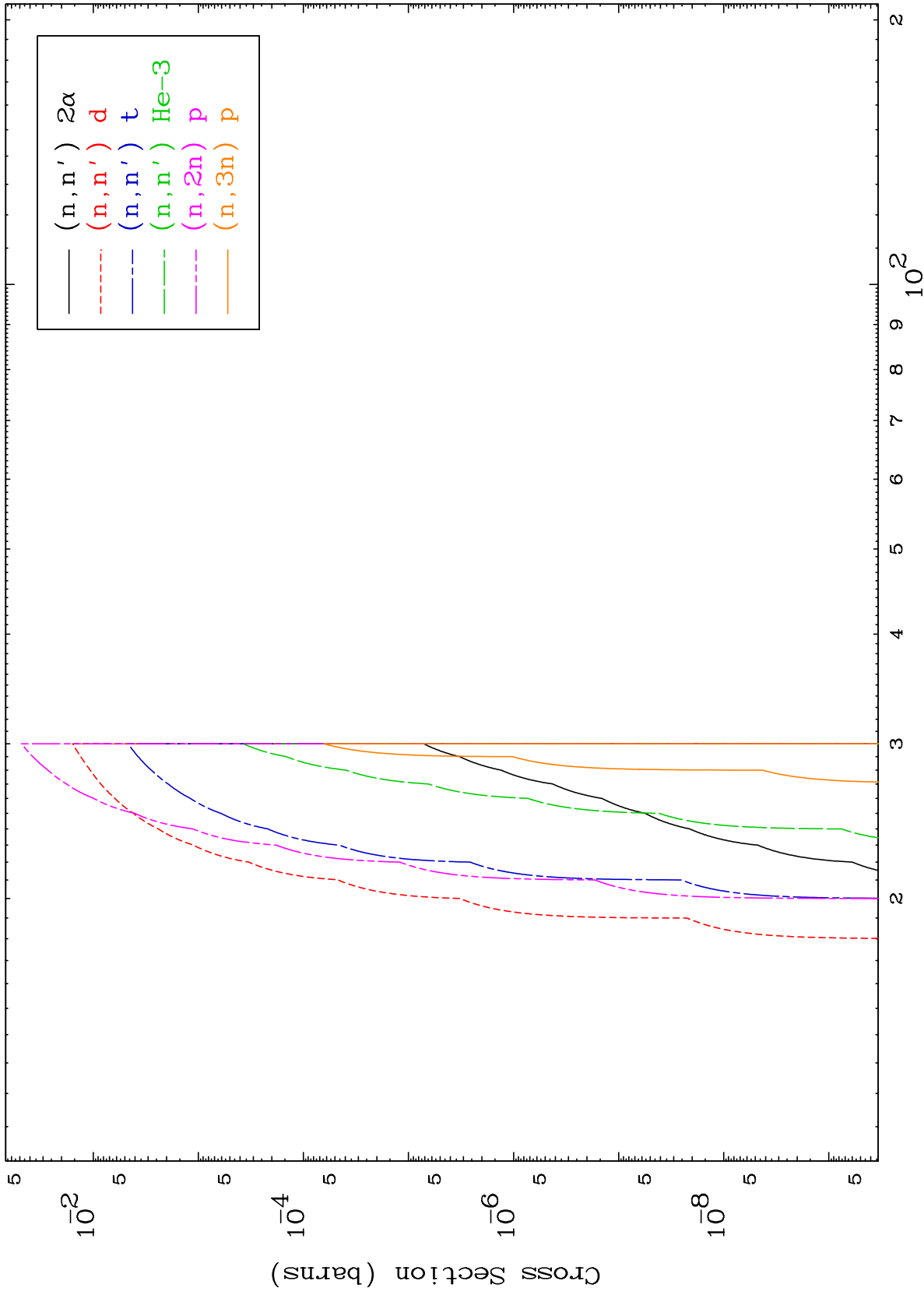
32-Ge-72



2

Incident Energy (MeV)

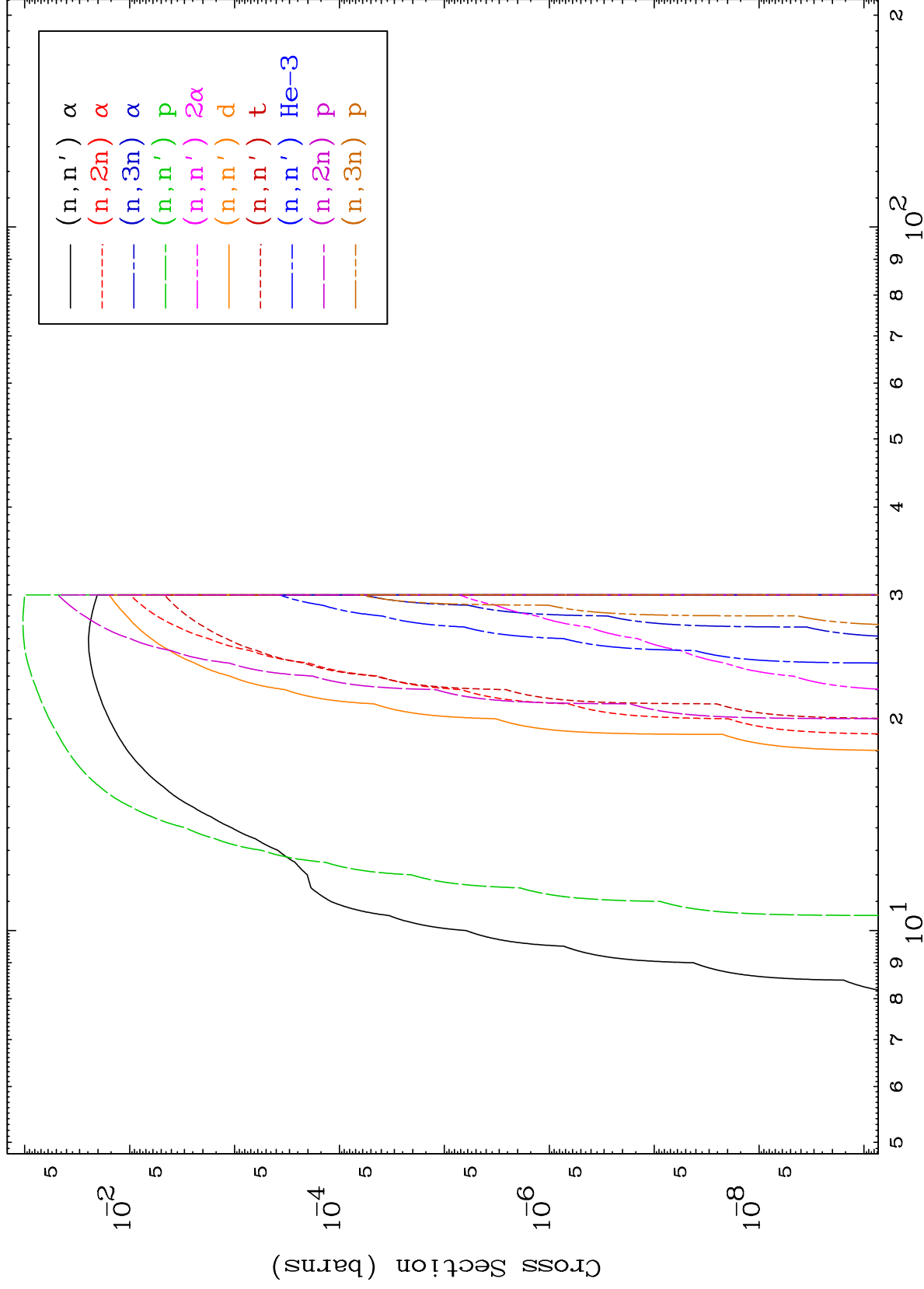
32-Ge-72



MAT 3231

Charged Particle
293 Kelvin Cross Sections

32-Ge-72



4

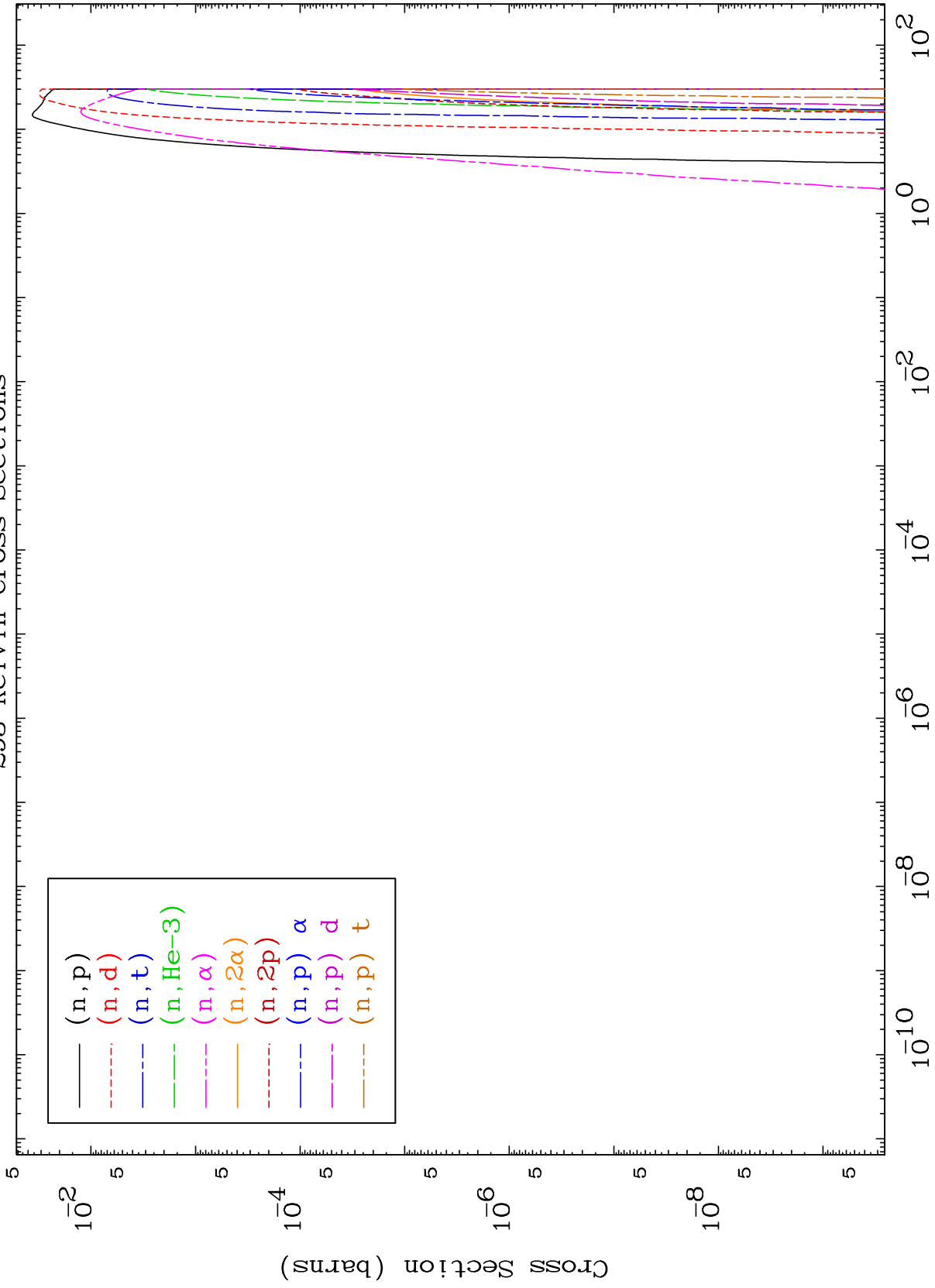
Incident Energy (MeV)

32-Ge-72

MAT 3231

Charged Particle
293 Kelvin Cross Sections

32-Ge-72



5

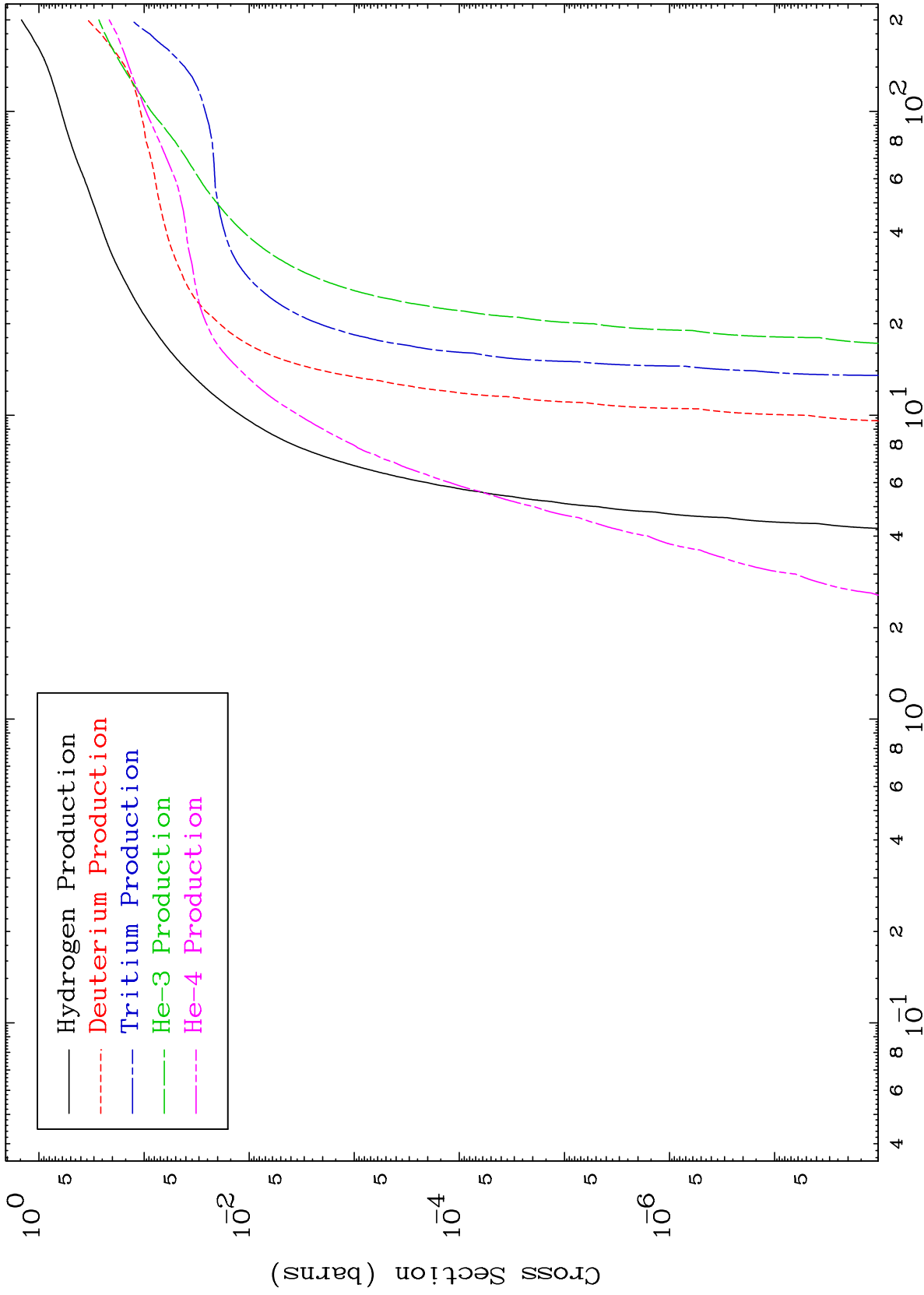
Incident Energy (MeV)

32-Ge-72

MAT 3231

Particle Production
293 Kelvin Cross Sections

32-Ge-72



6

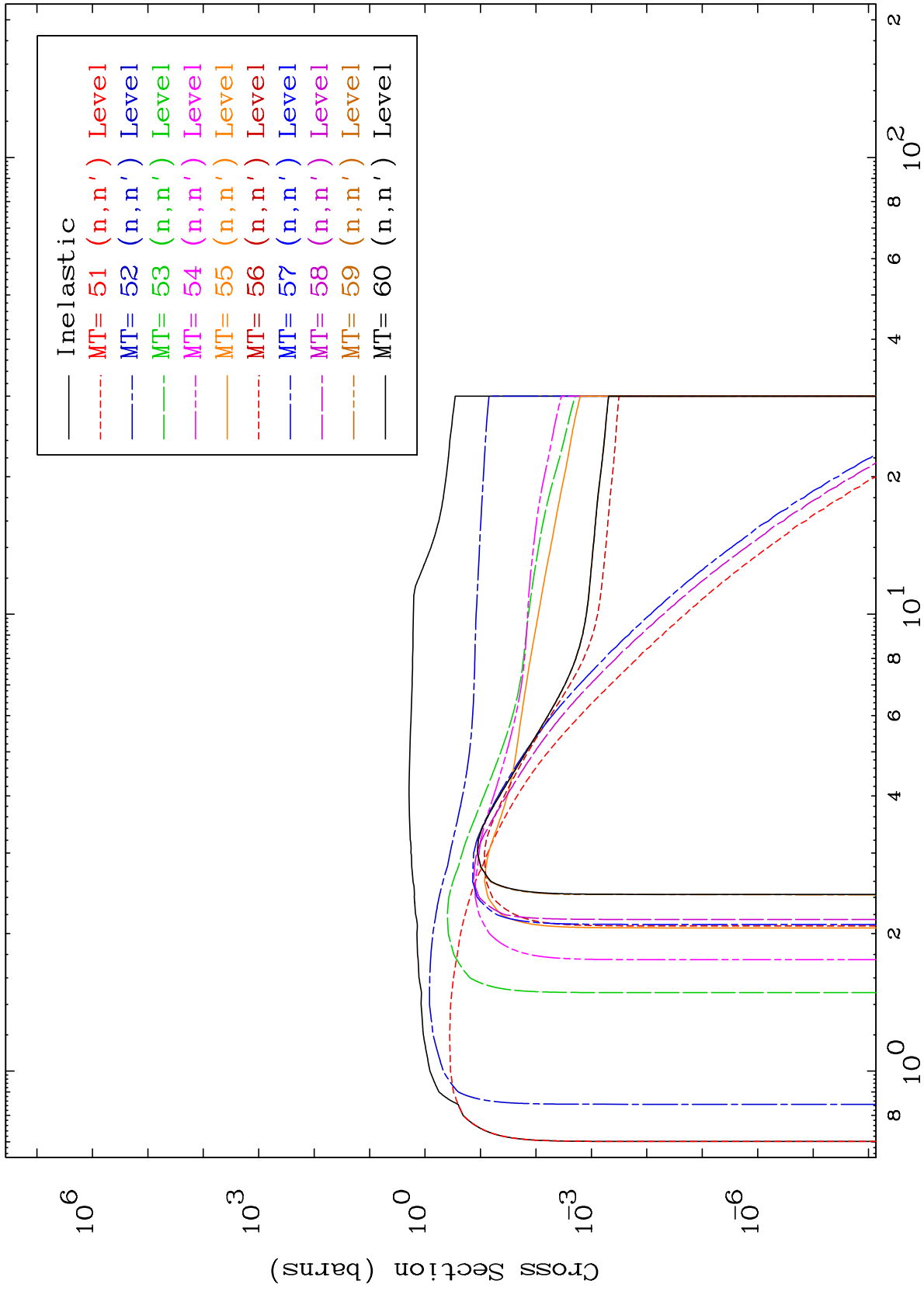
32-Ge-72

MAT 3231

(n,n') Level

32-Ge-72

293 Kelvin Cross Sections



7

Incident Energy (MeV)

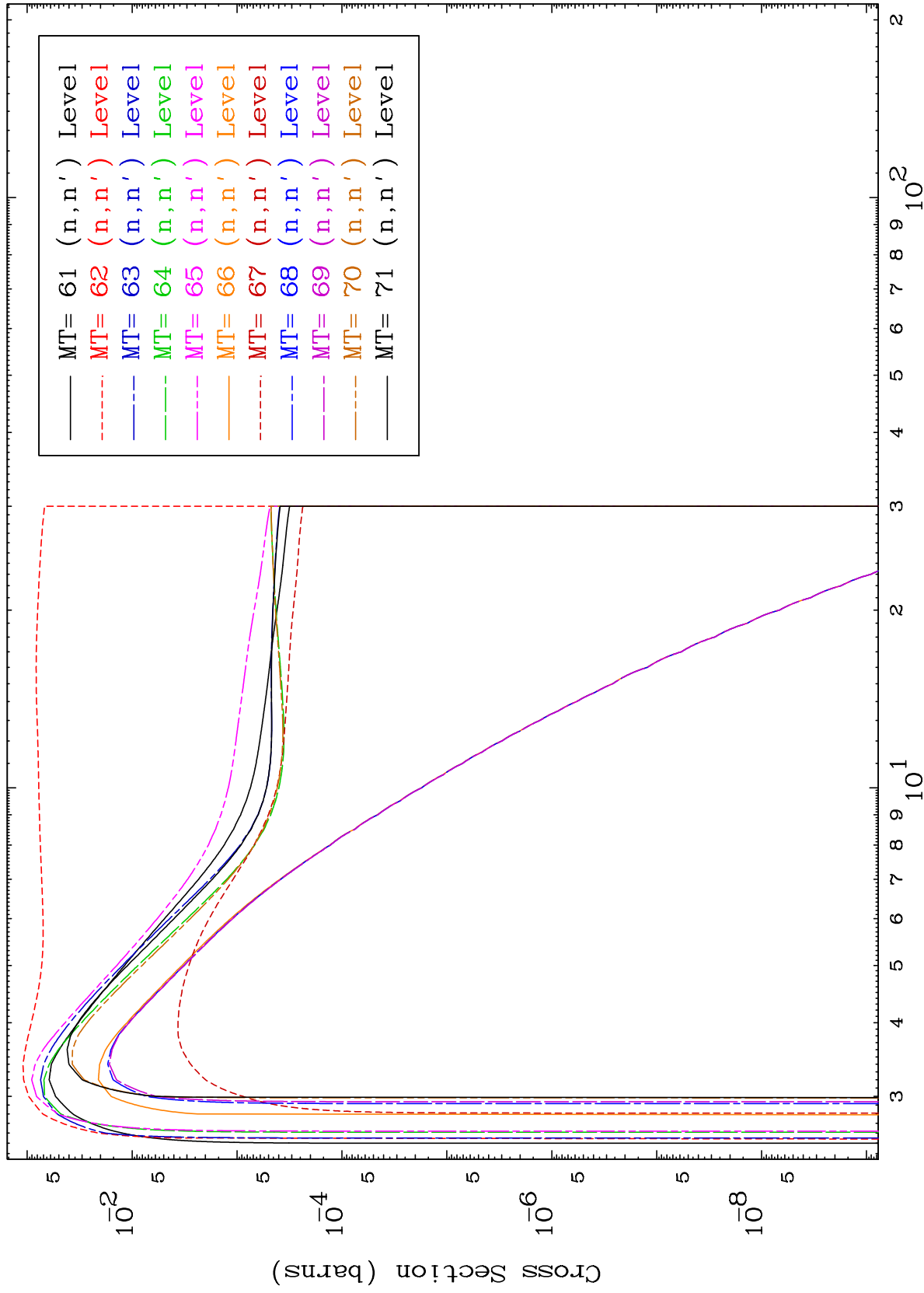
32-Ge-72

MAT 3231

(n,n') Level

32-Ge-72

293 Kelvin Cross Sections



8

Incident Energy (MeV)

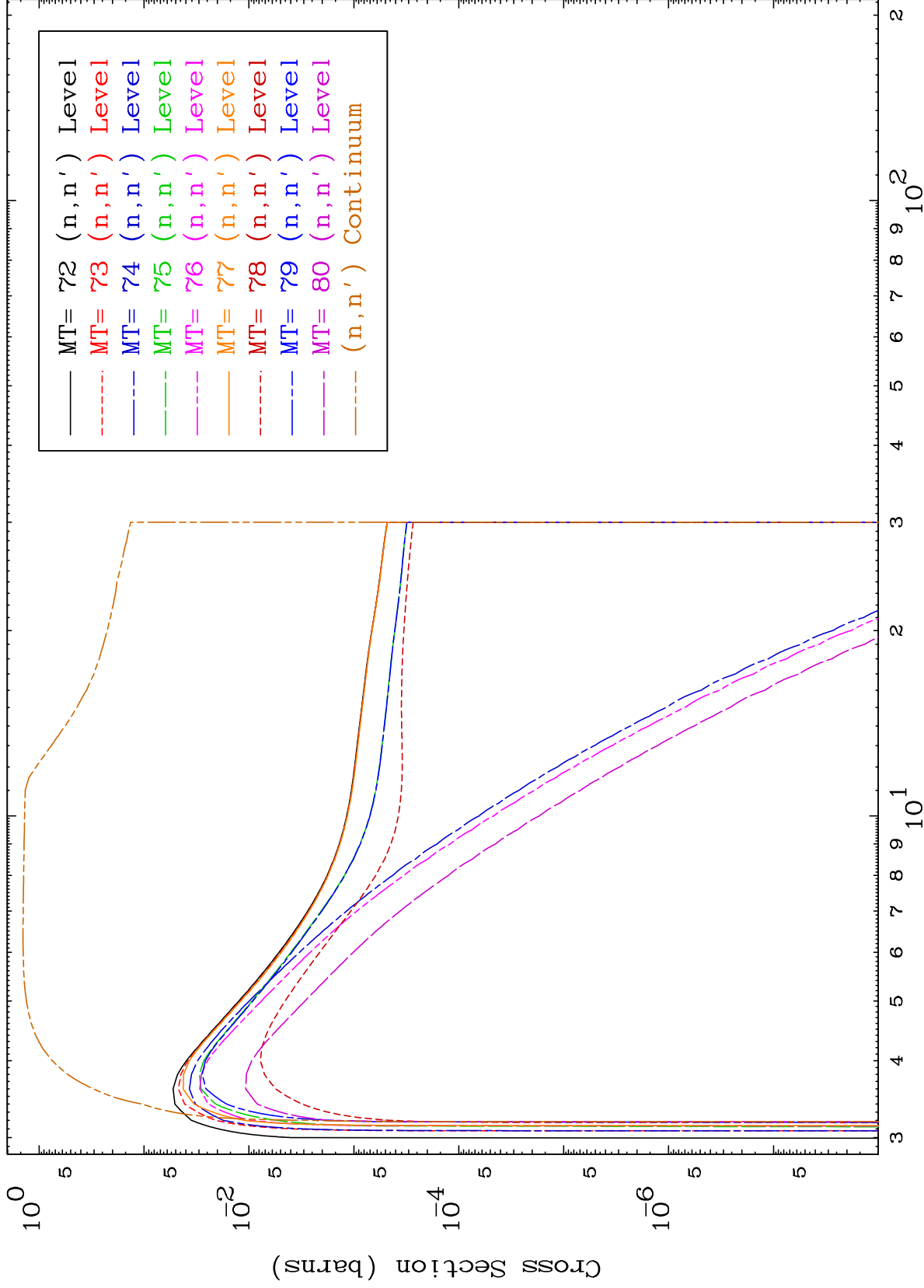
32-Ge-72

MAT 3231

(n,n') Level

32-Ge-72

293 Kelvin Cross Sections

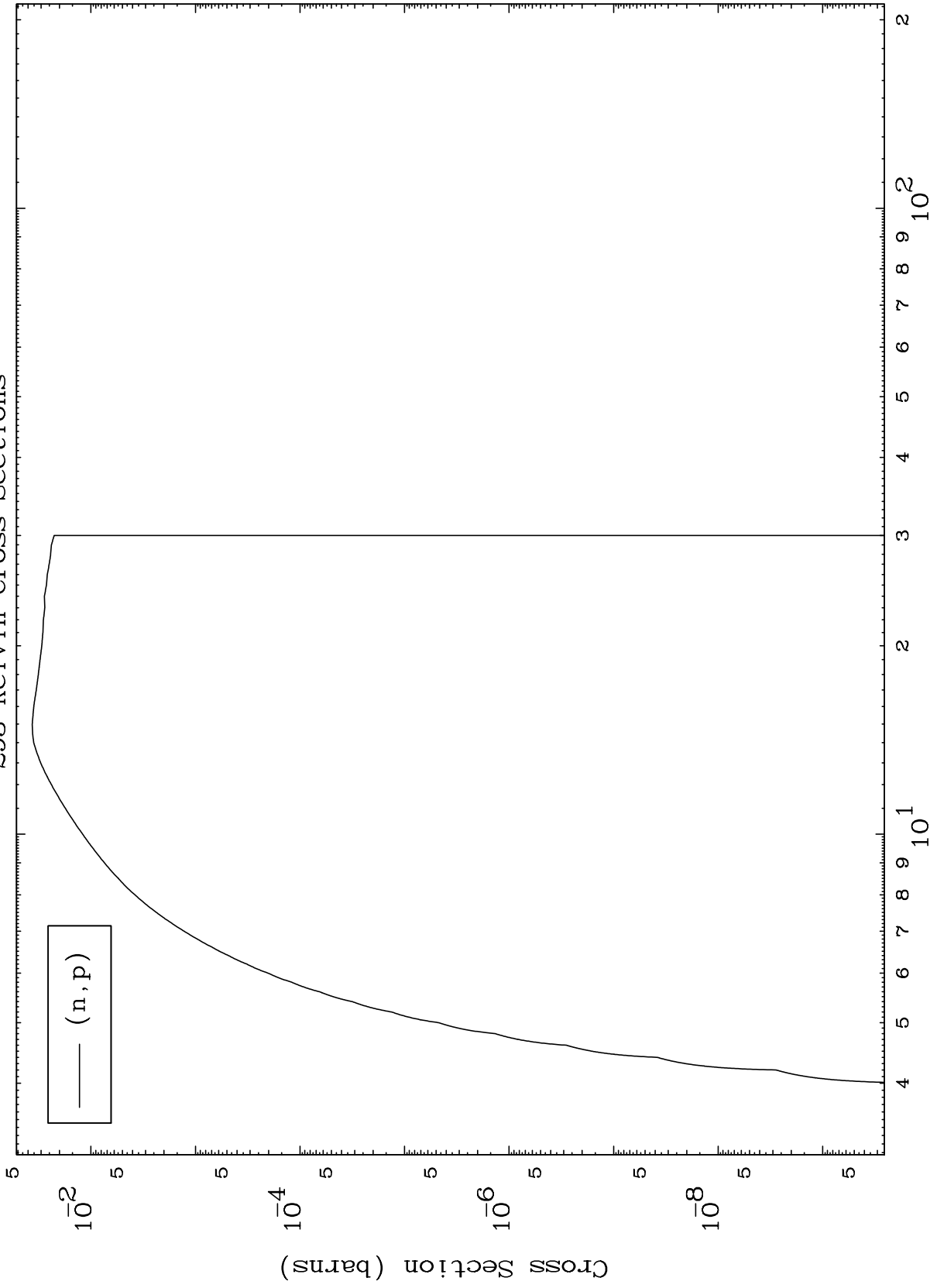


9

MAT 3231

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-72



10

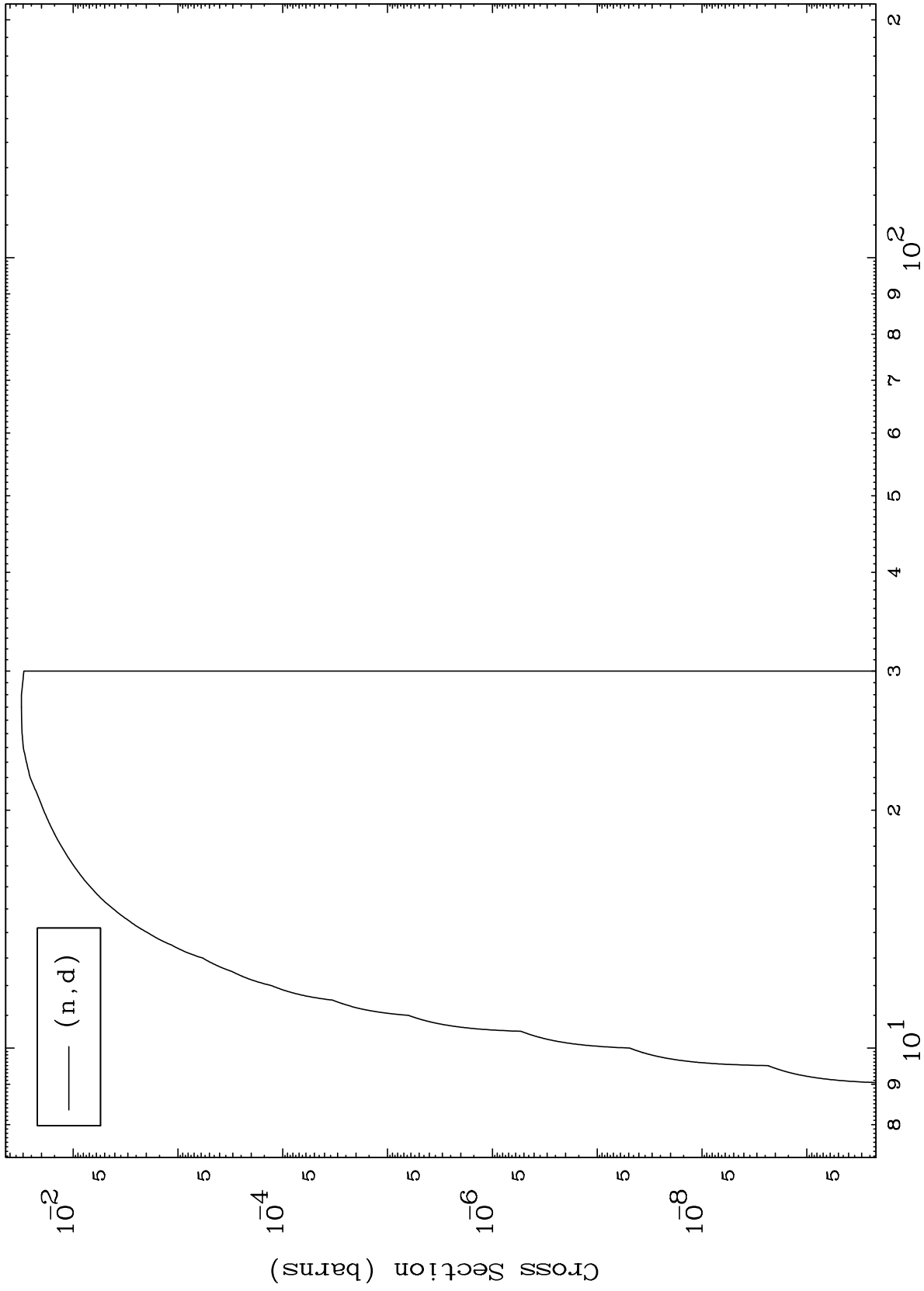
Incident Energy (MeV)

32-Ge-72

MAT 3231

(n,d) Levels
293 Kelvin Cross Sections

32-Ge-72



11

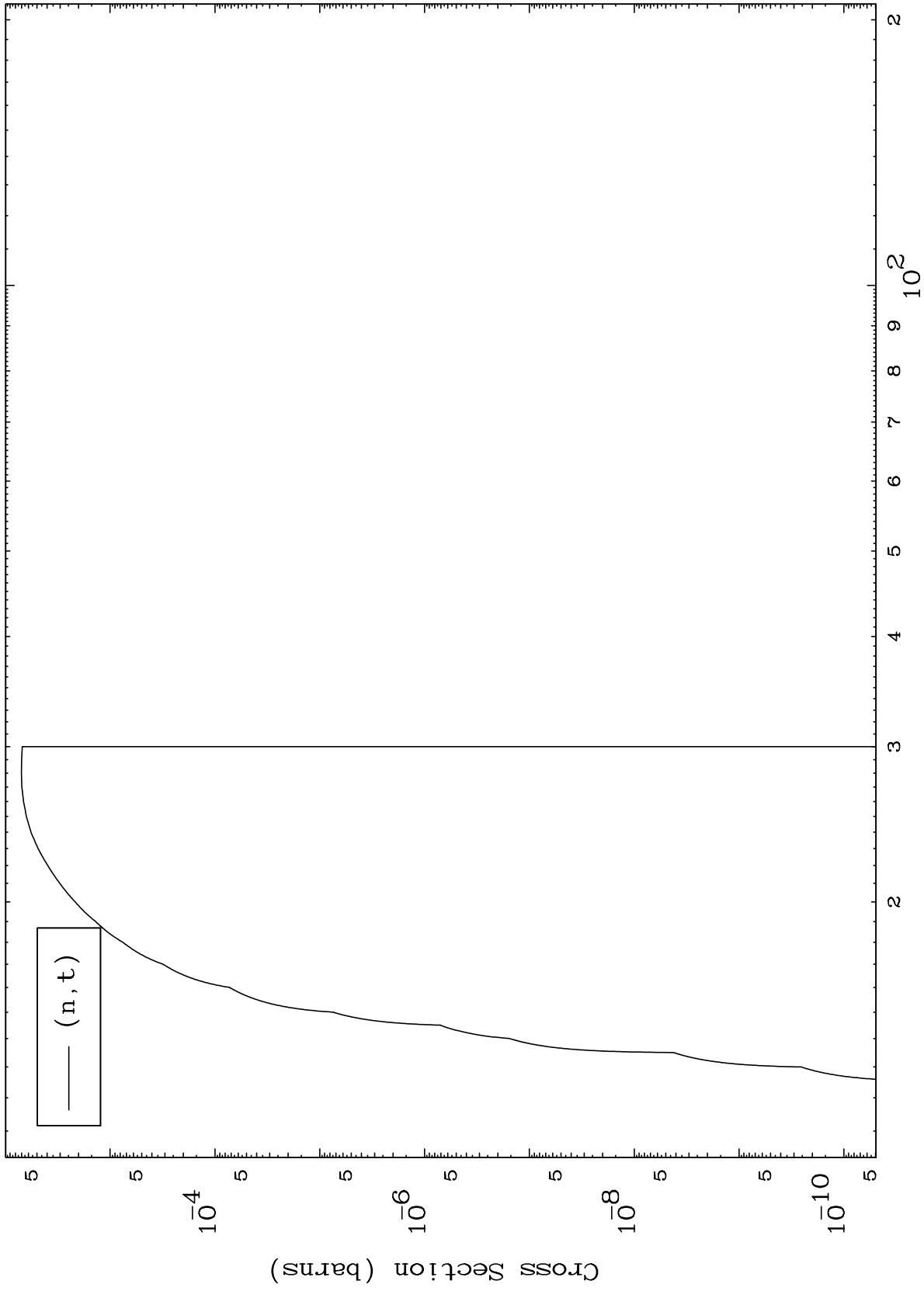
Incident Energy (MeV)

32-Ge-72

MAT 3231

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-72



12

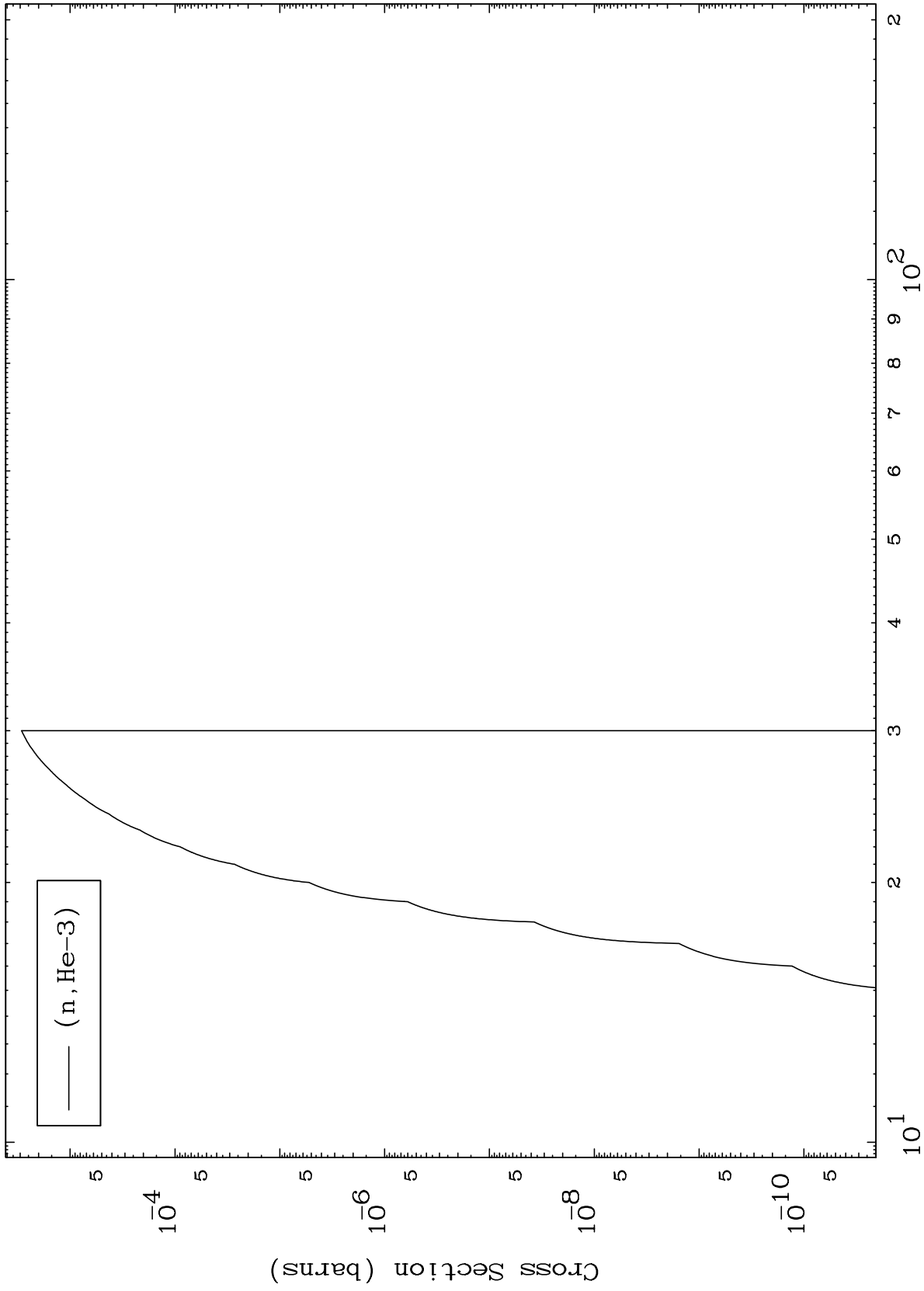
Incident Energy (MeV)

32-Ge-72

MAT 3231

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-72



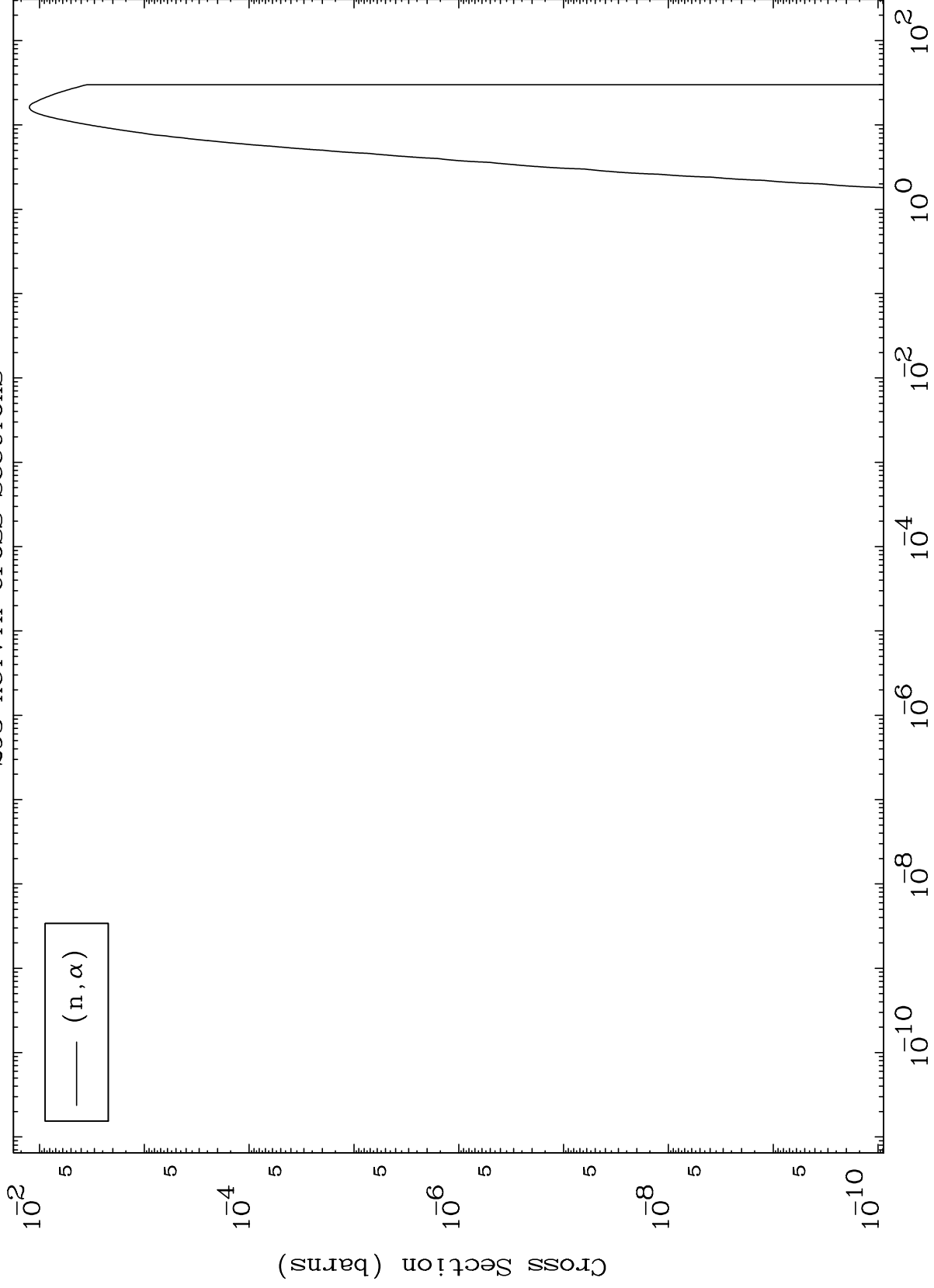
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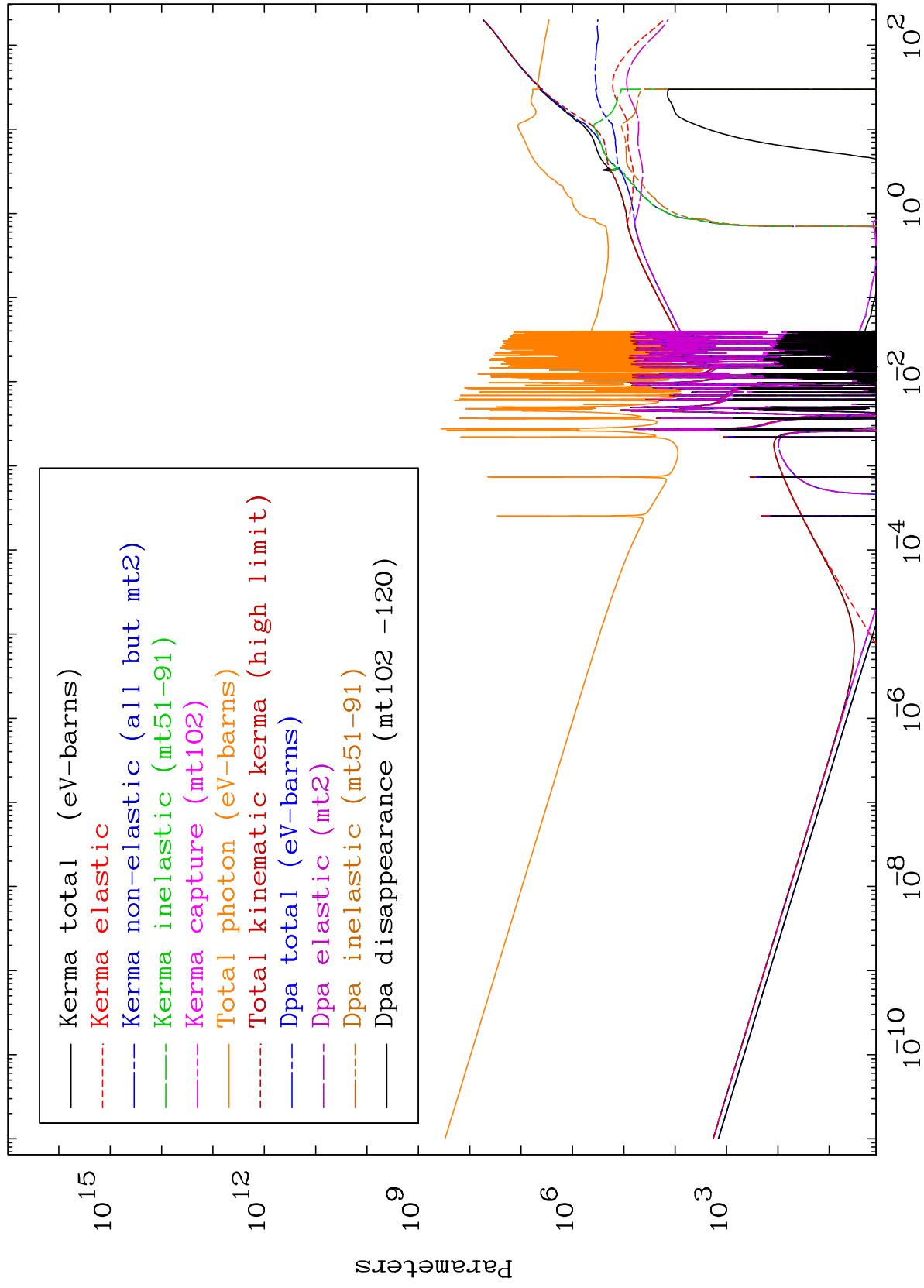
32-Ge-72

MAT 3231

(n,α) Levels
293 Kelvin Cross Sections

32-Ge-72

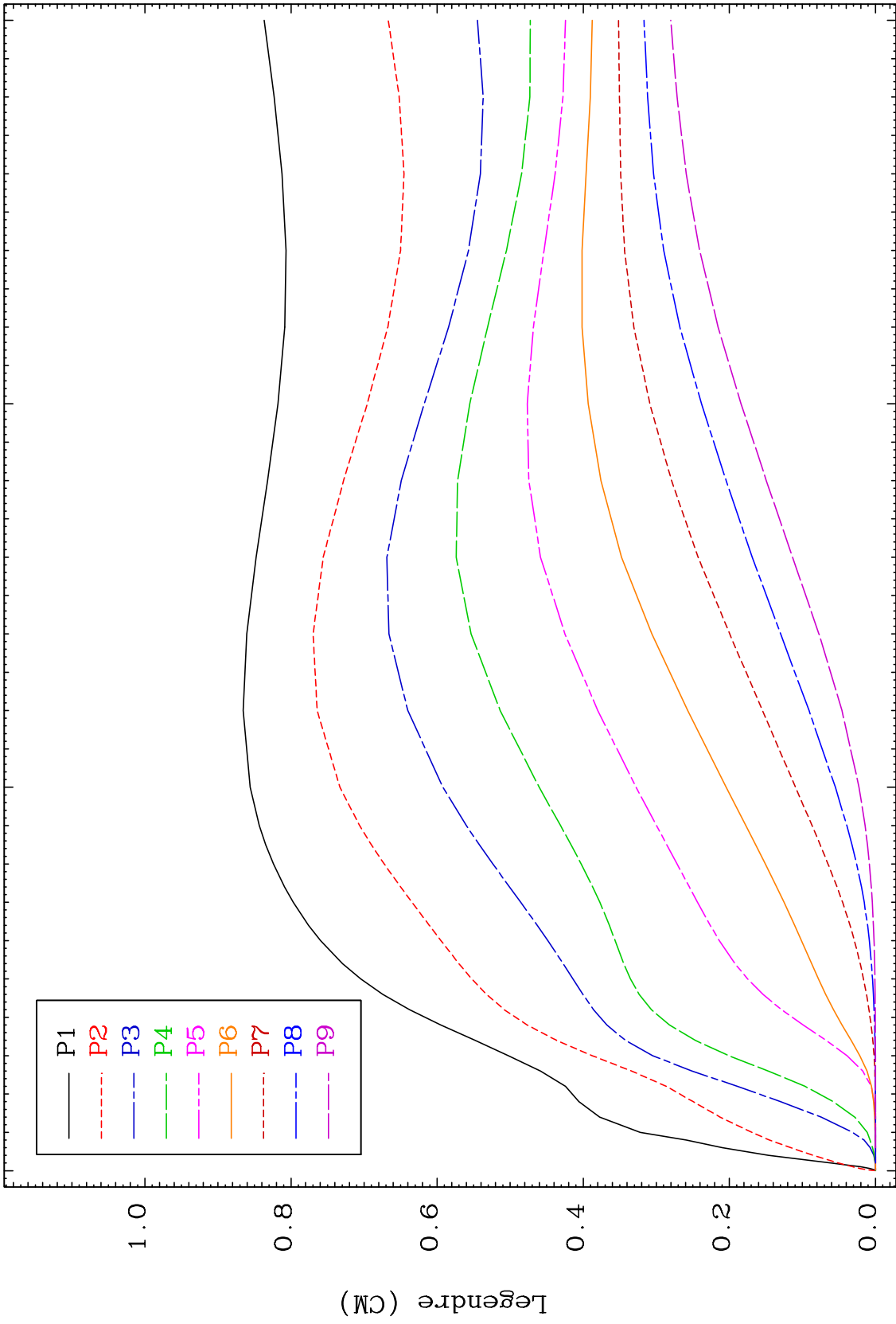




MAT 3231

Elastic Legendre Coefficients

32-Ge-72



16

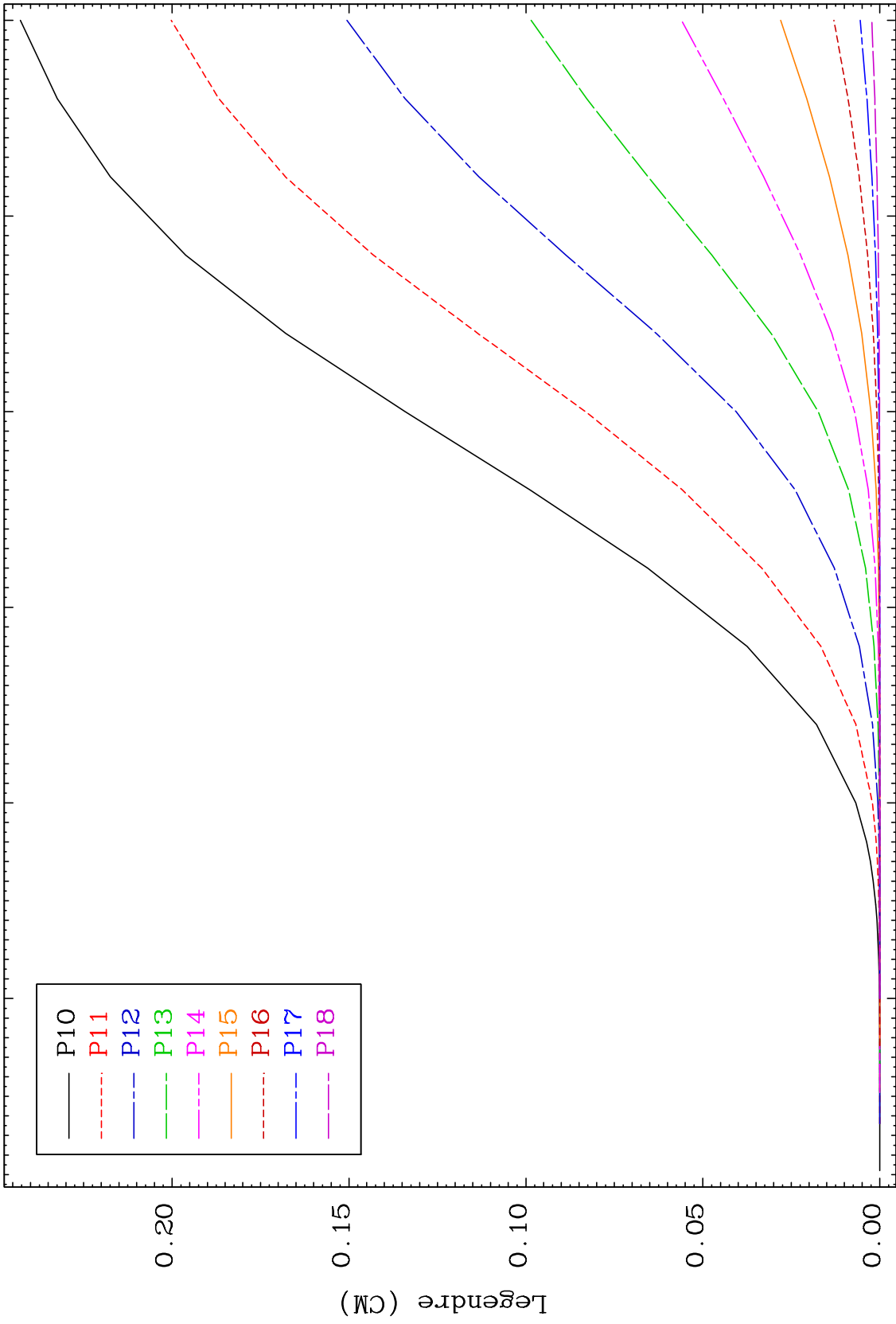
Incident Energy (MeV)

32-Ge-72

MAT 3231

Elastic Legendre Coefficients

32-Ge-72



17

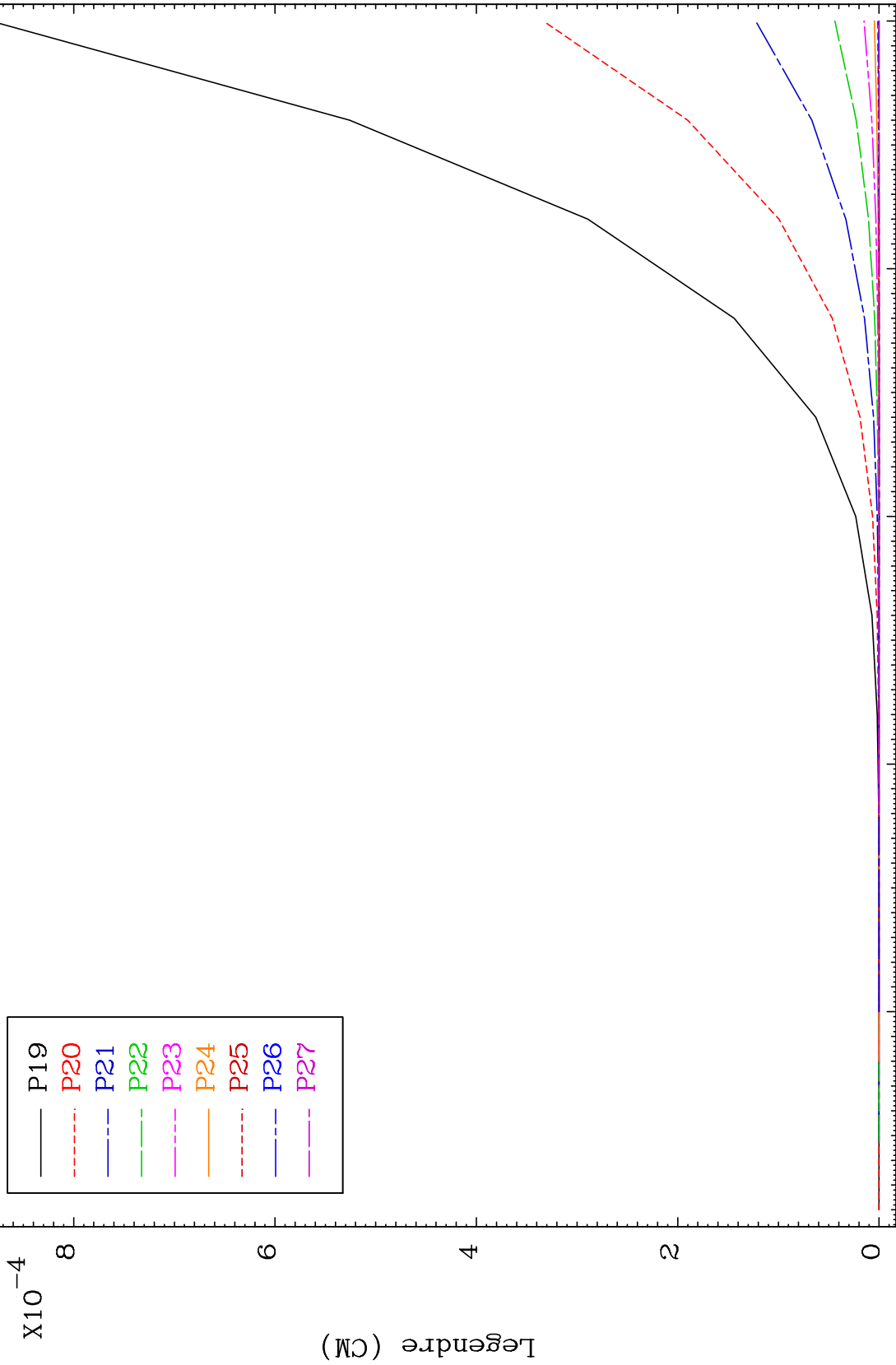
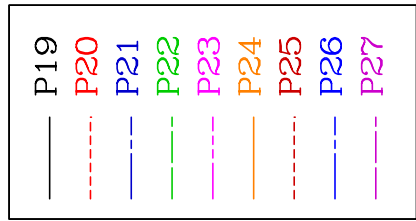
Incident Energy (MeV)

32-Ge-72

MAT 3231

Elastic Legendre Coefficients

32-Ge-72



18

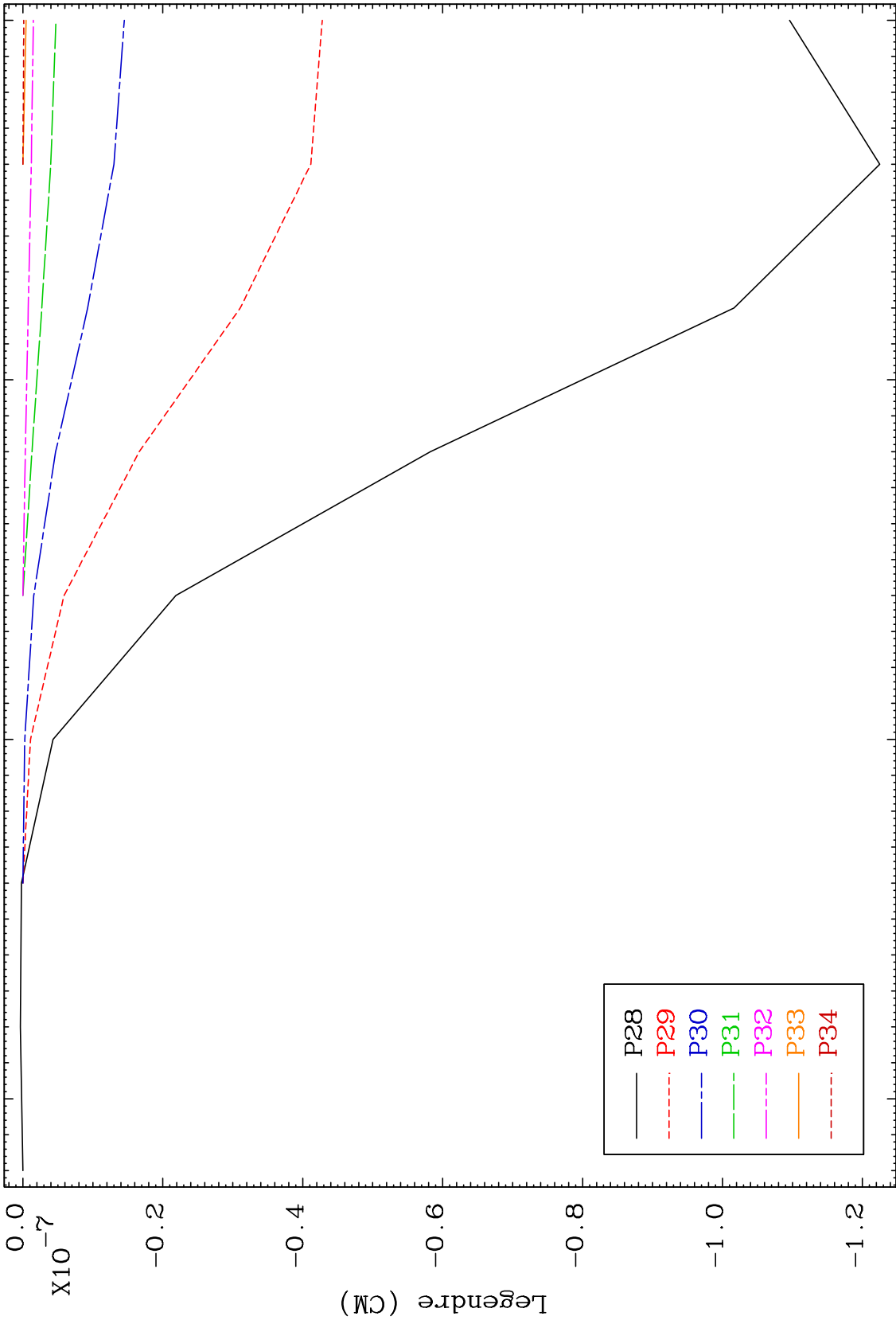
Incident Energy (MeV)

32-Ge-72

MAT 3231

32-Ge-72

Elastic Legendre Coefficients

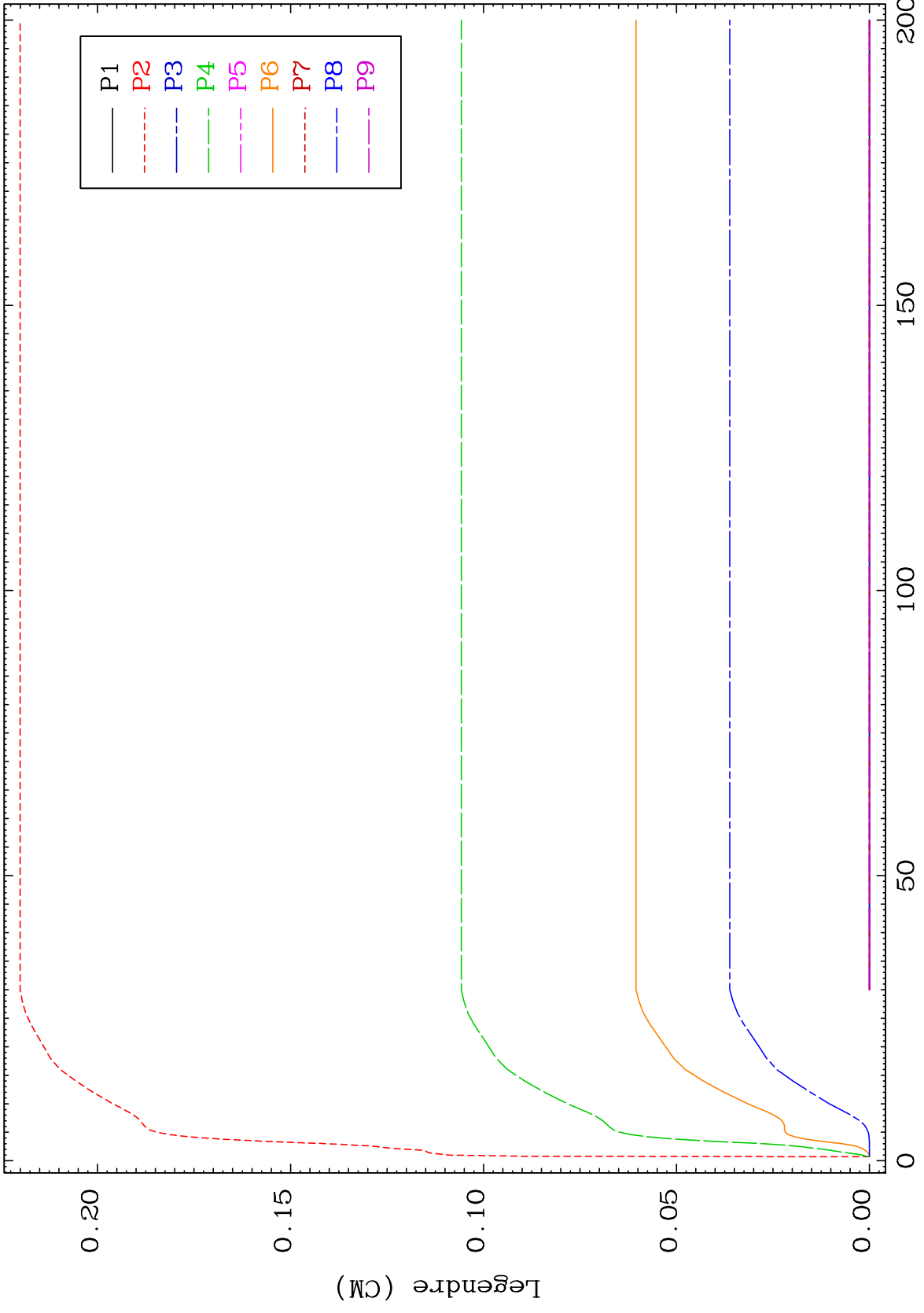


19

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 51 (n,n') Level Legendre Coefficients 32-Ge-72

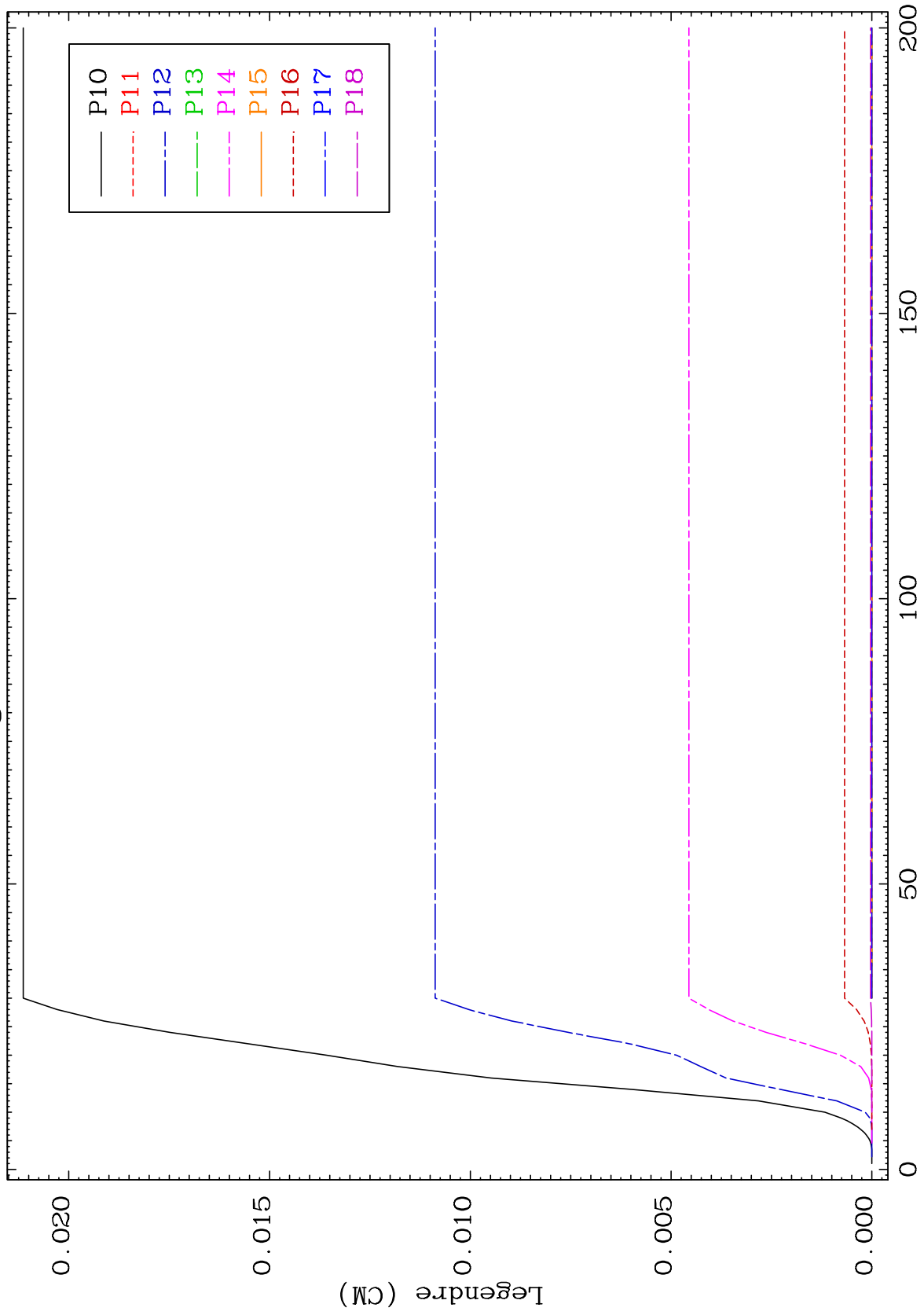


Incident Energy (MeV) 32-Ge-72

MAT 3231

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

32-Ge-72

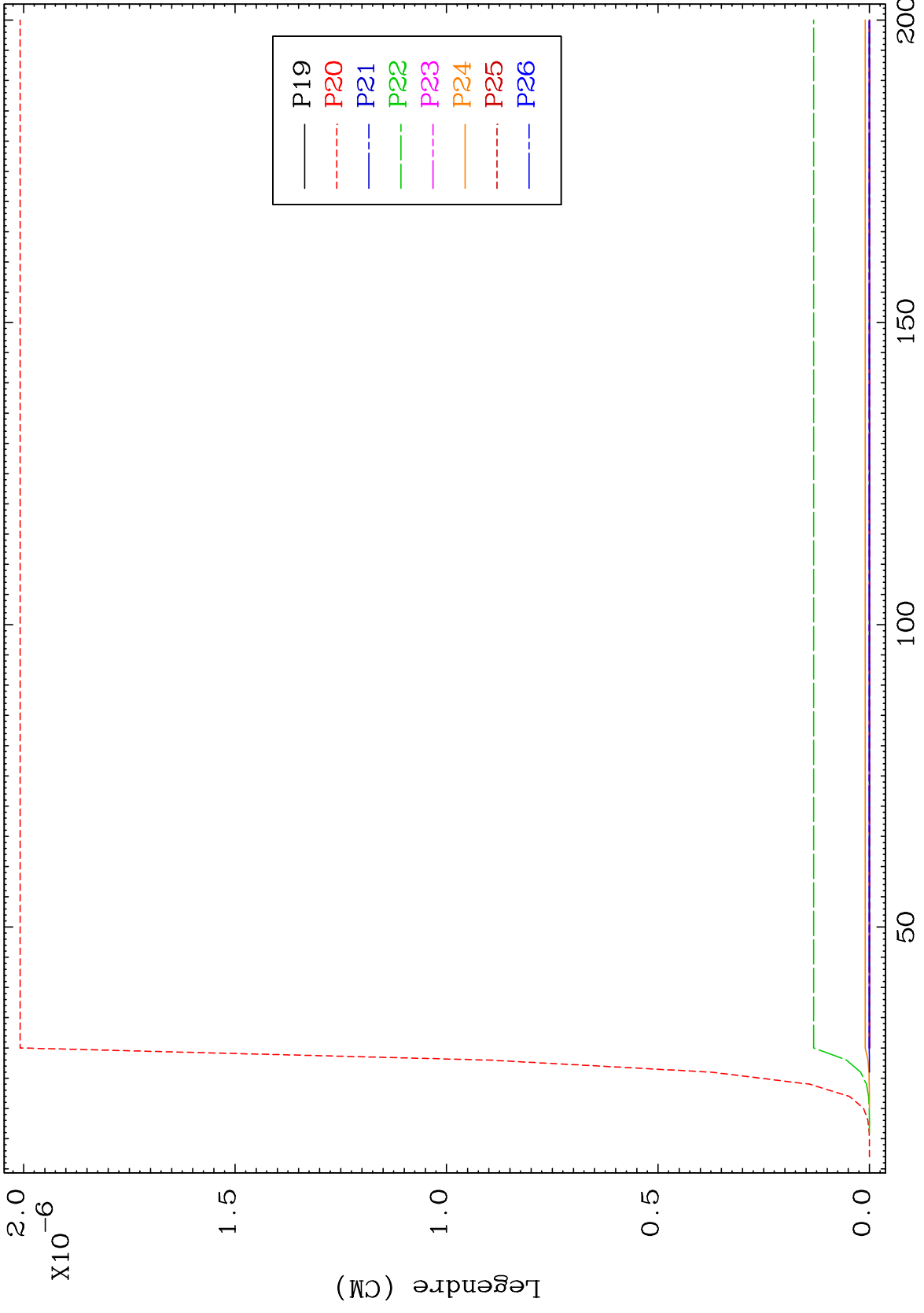


21

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 51 (n,n') Level Legendre Coefficients 32-Ge-72

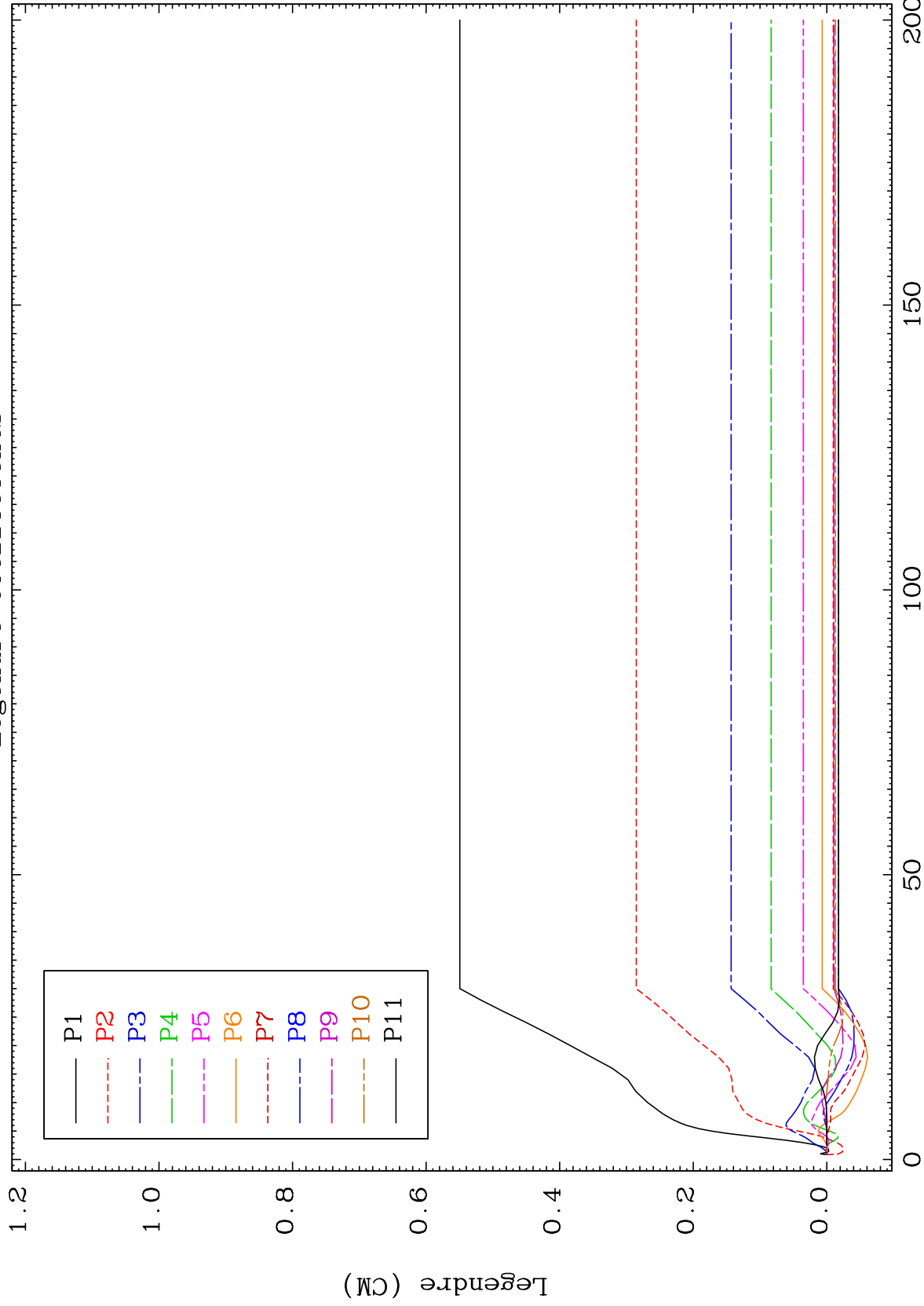


32-Ge-72

MAT 3231

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

32-Ge-72



33

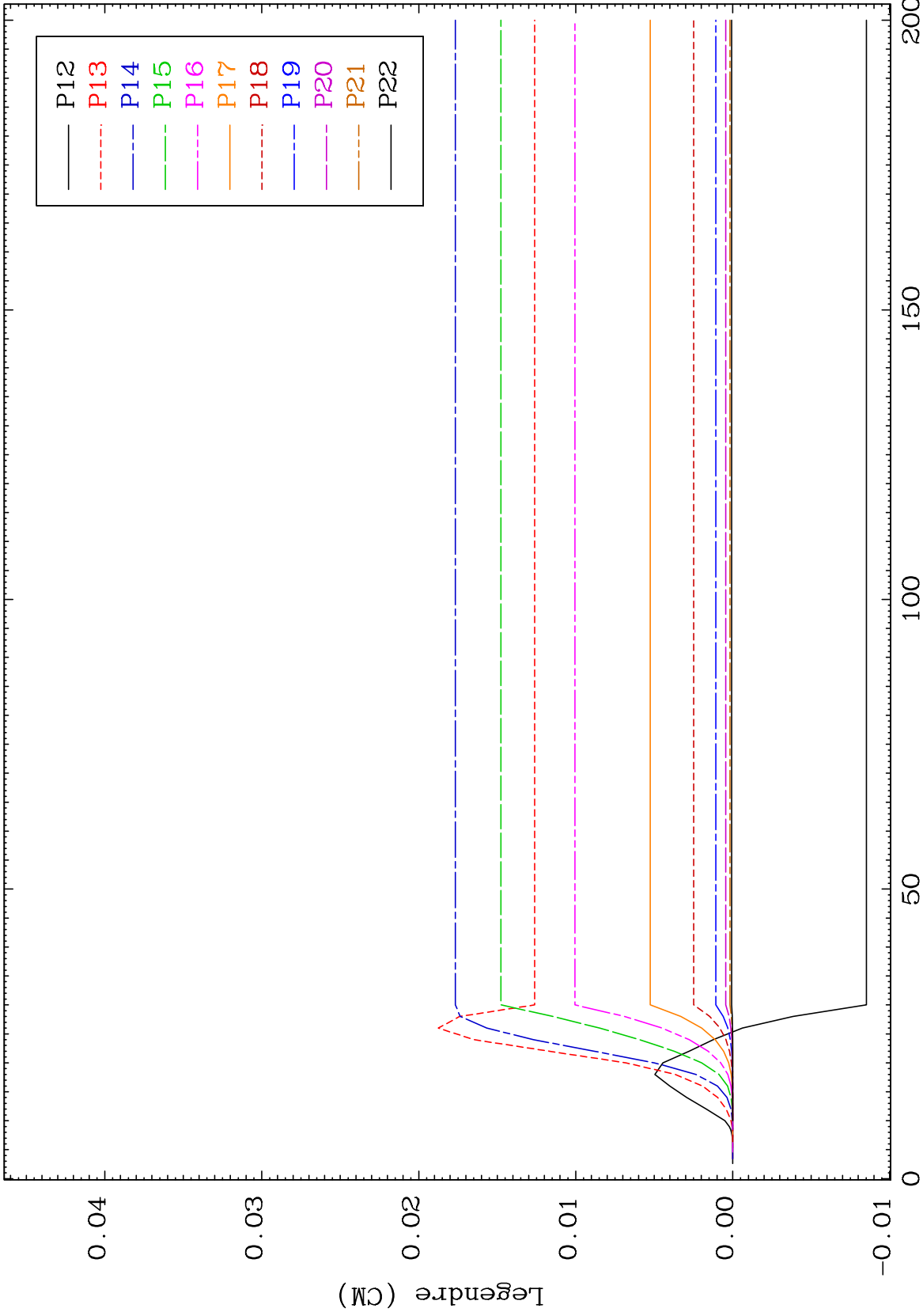
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

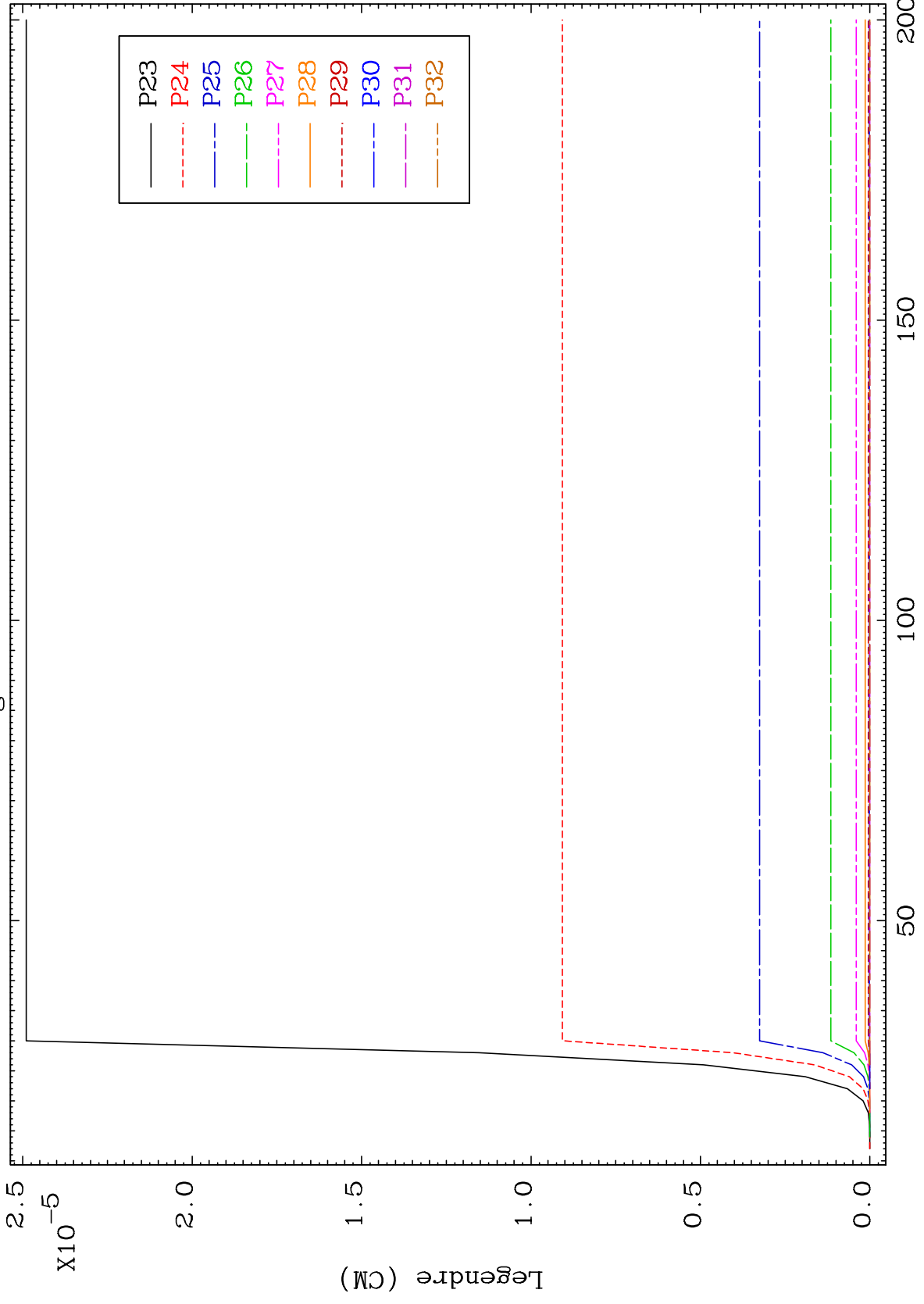
32-Ge-72



24

Incident Energy (MeV)

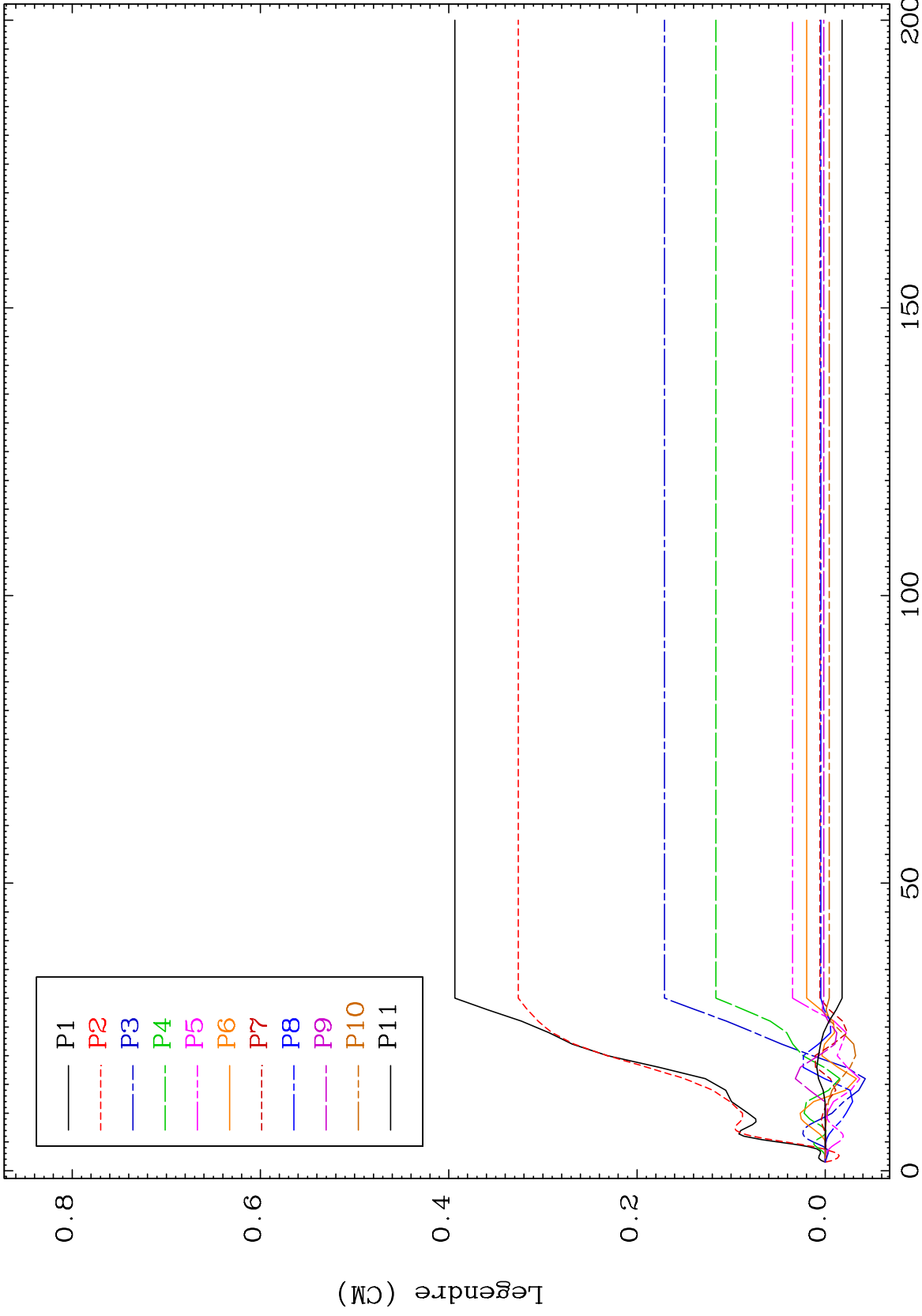
32-Ge-72



MAT 3231

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

32-Ge-72



26

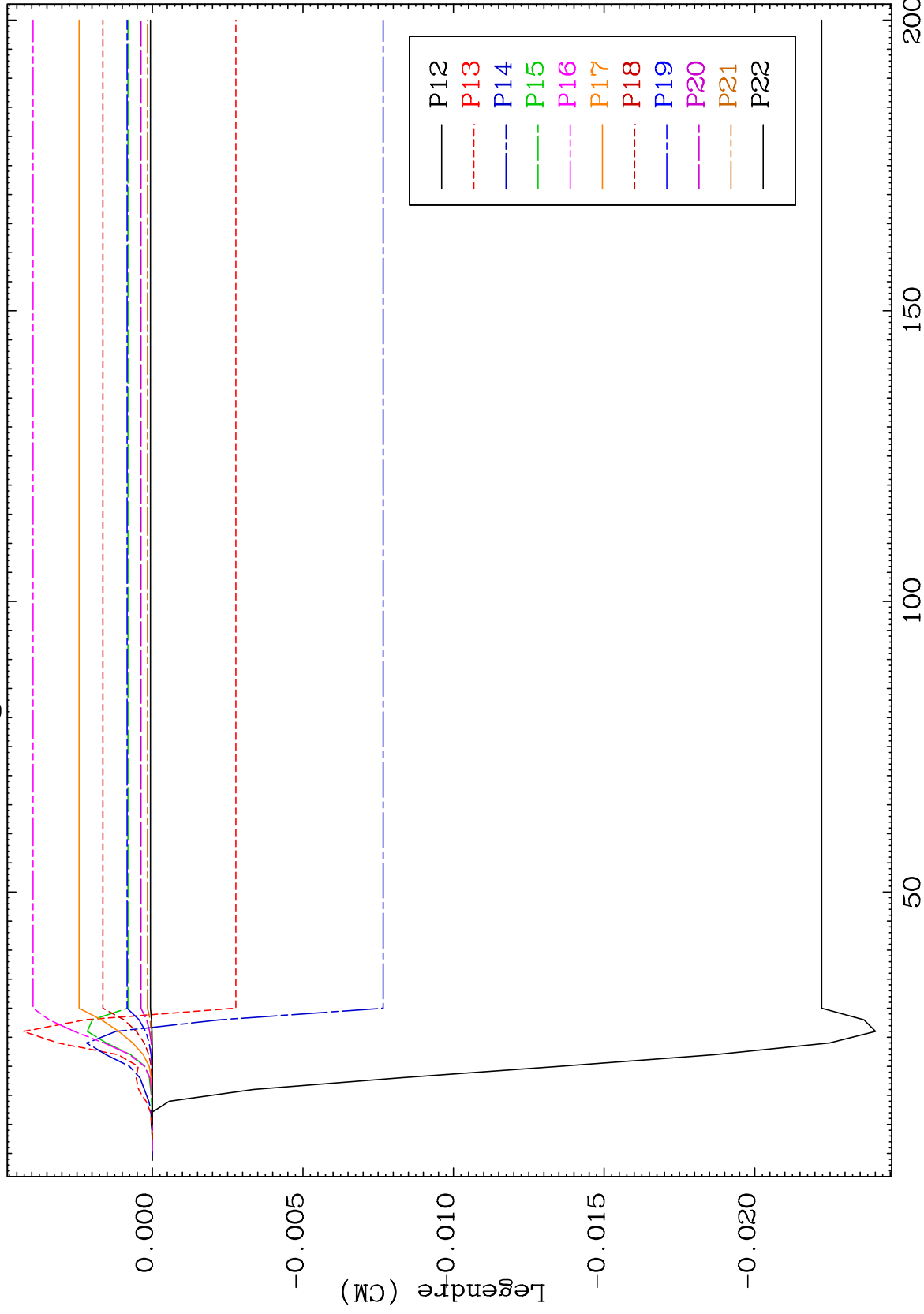
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



27

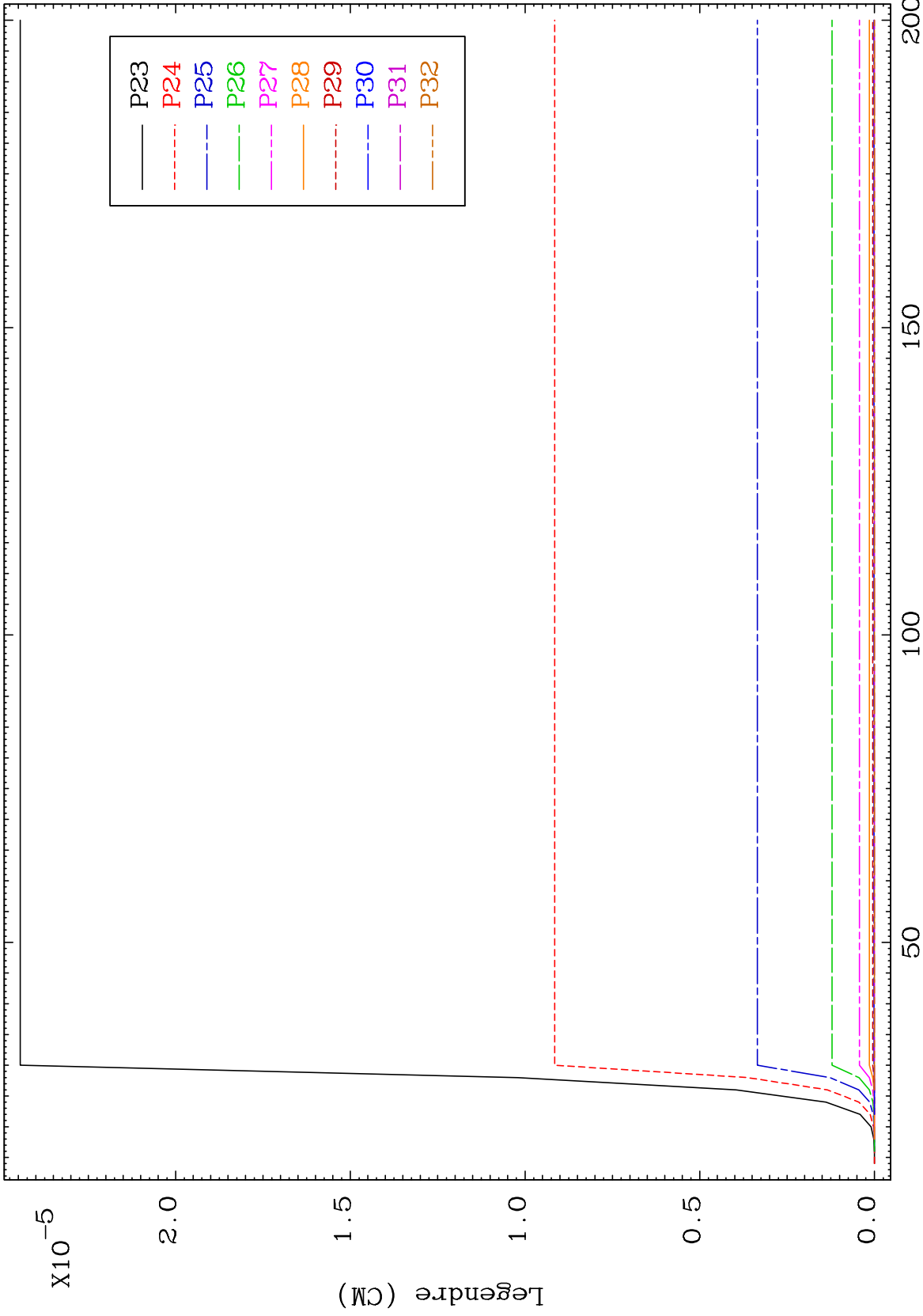
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72

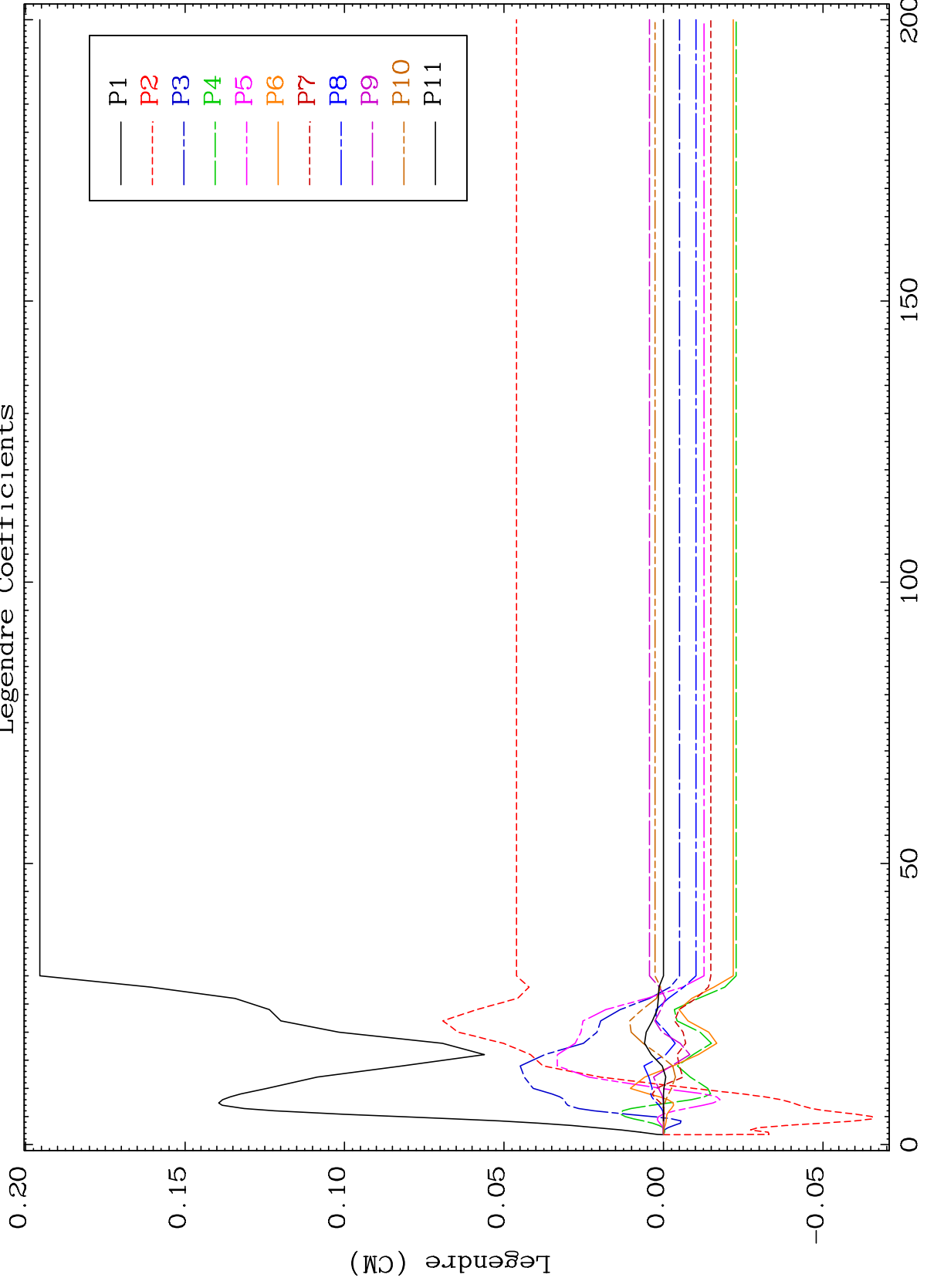


28

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 54 (n,n') Level Legendre Coefficients 32-Ge-72

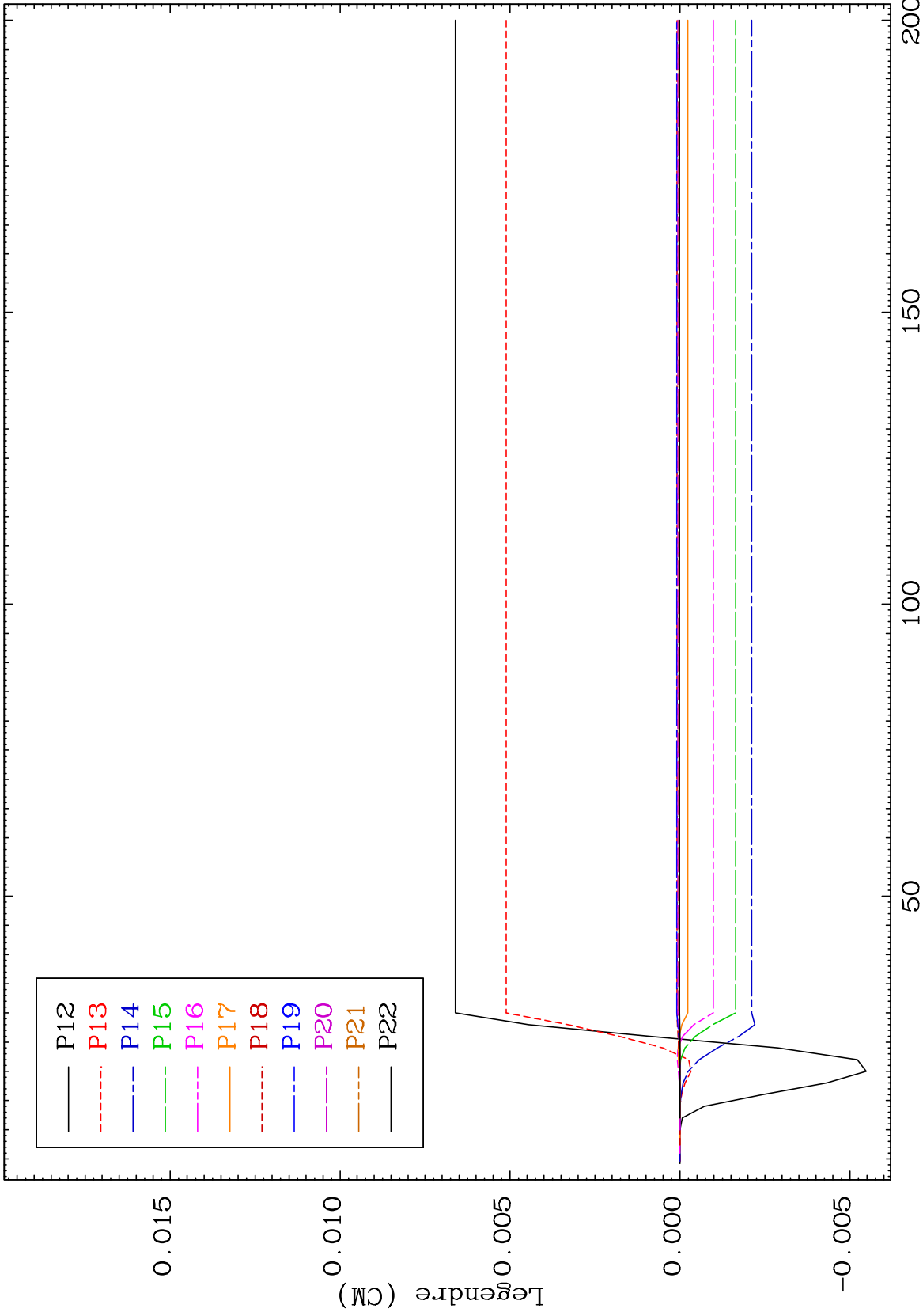


29 32-Ge-72

MAT 3231

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

32-Ge-72



30

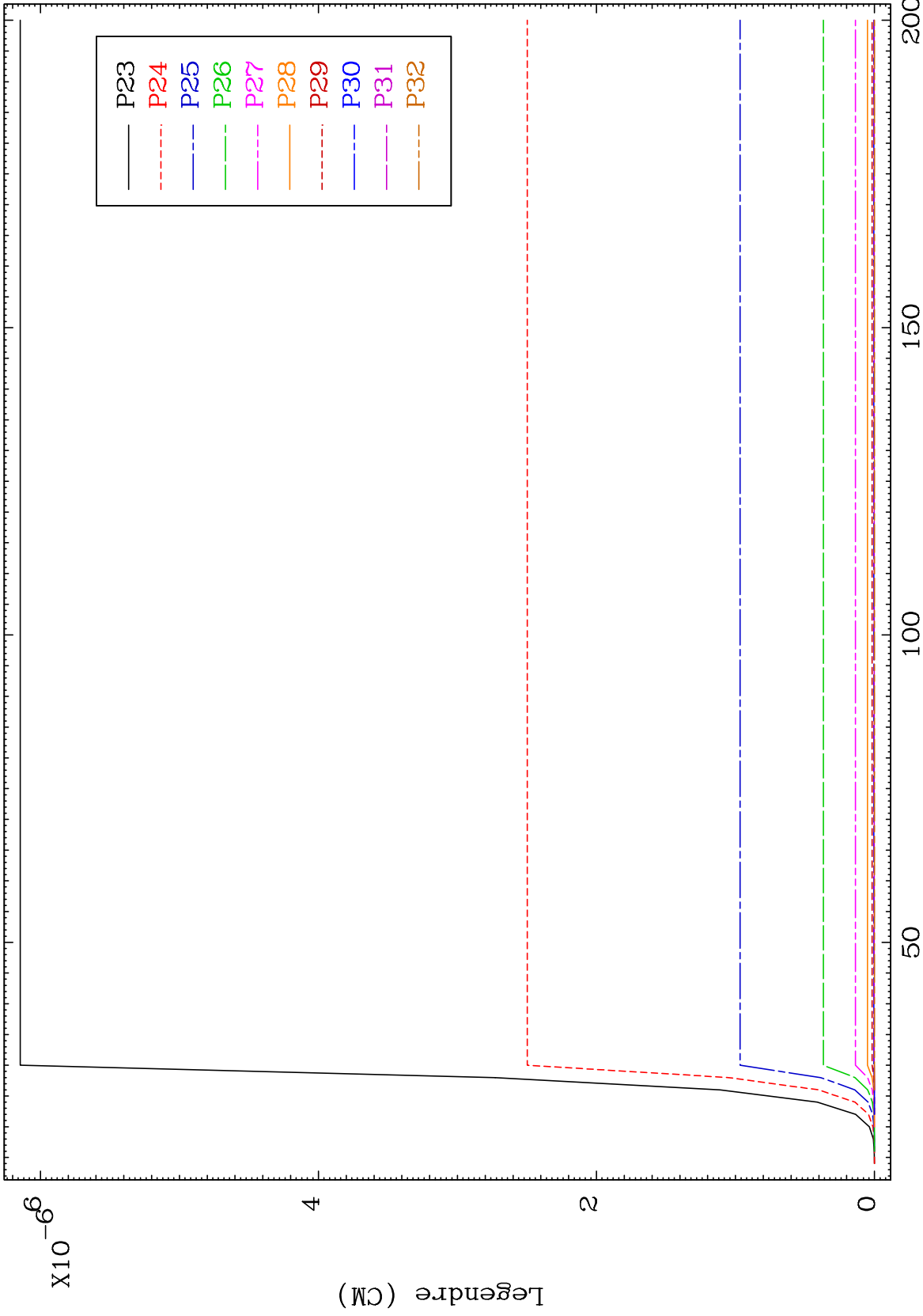
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

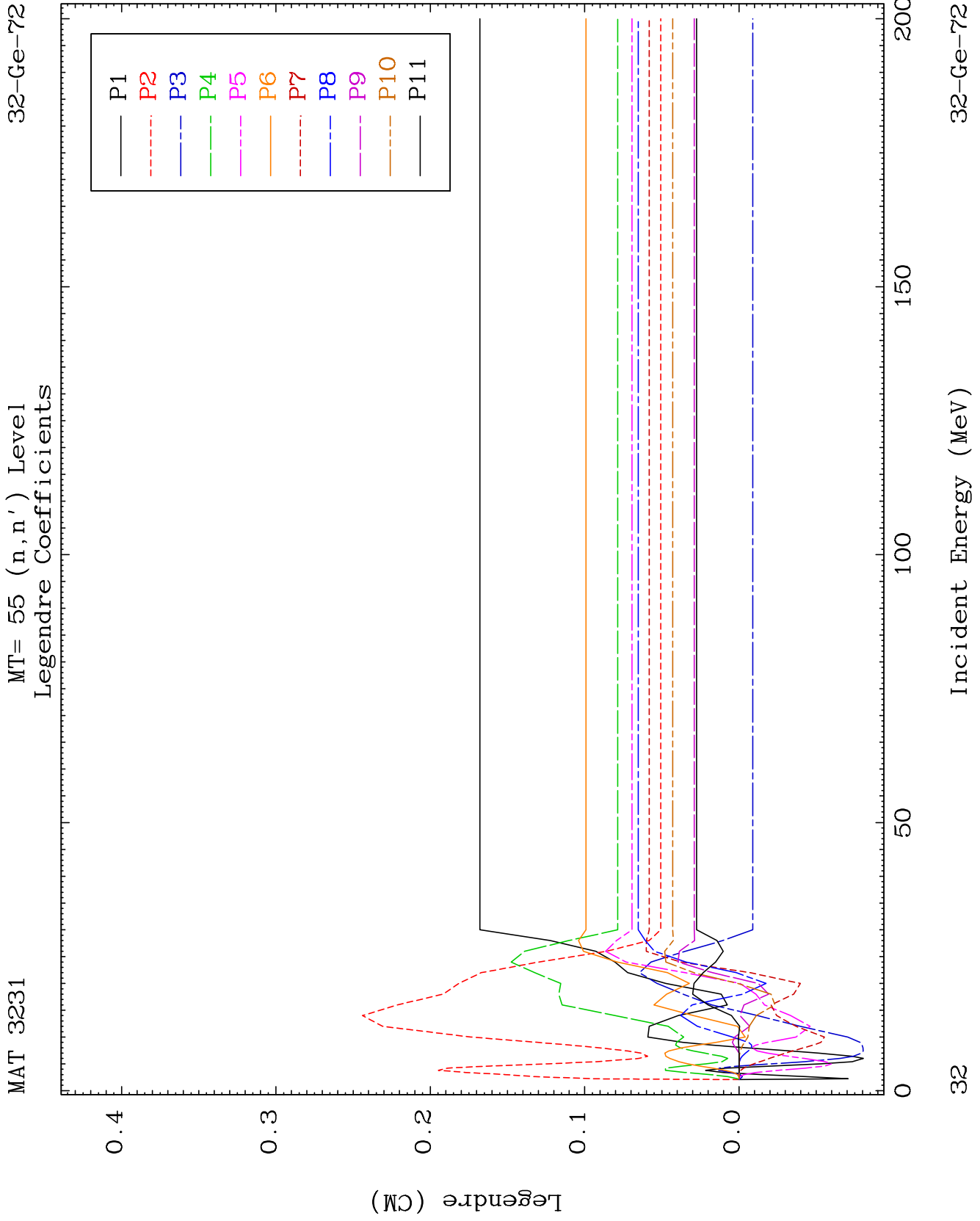
32-Ge-72



31

Incident Energy (MeV)

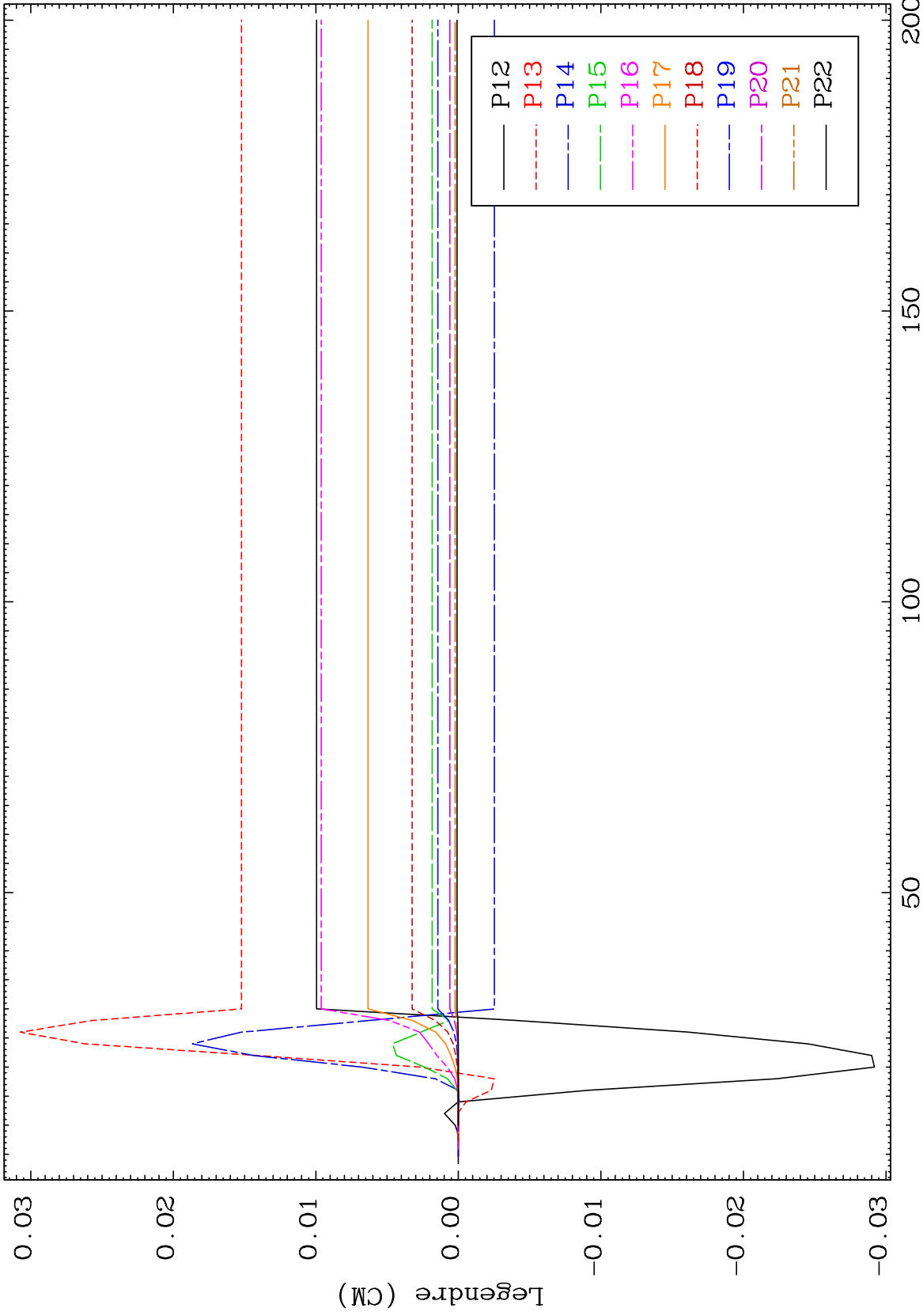
32-Ge-72



MAT 3231

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

32-Ge-72



33

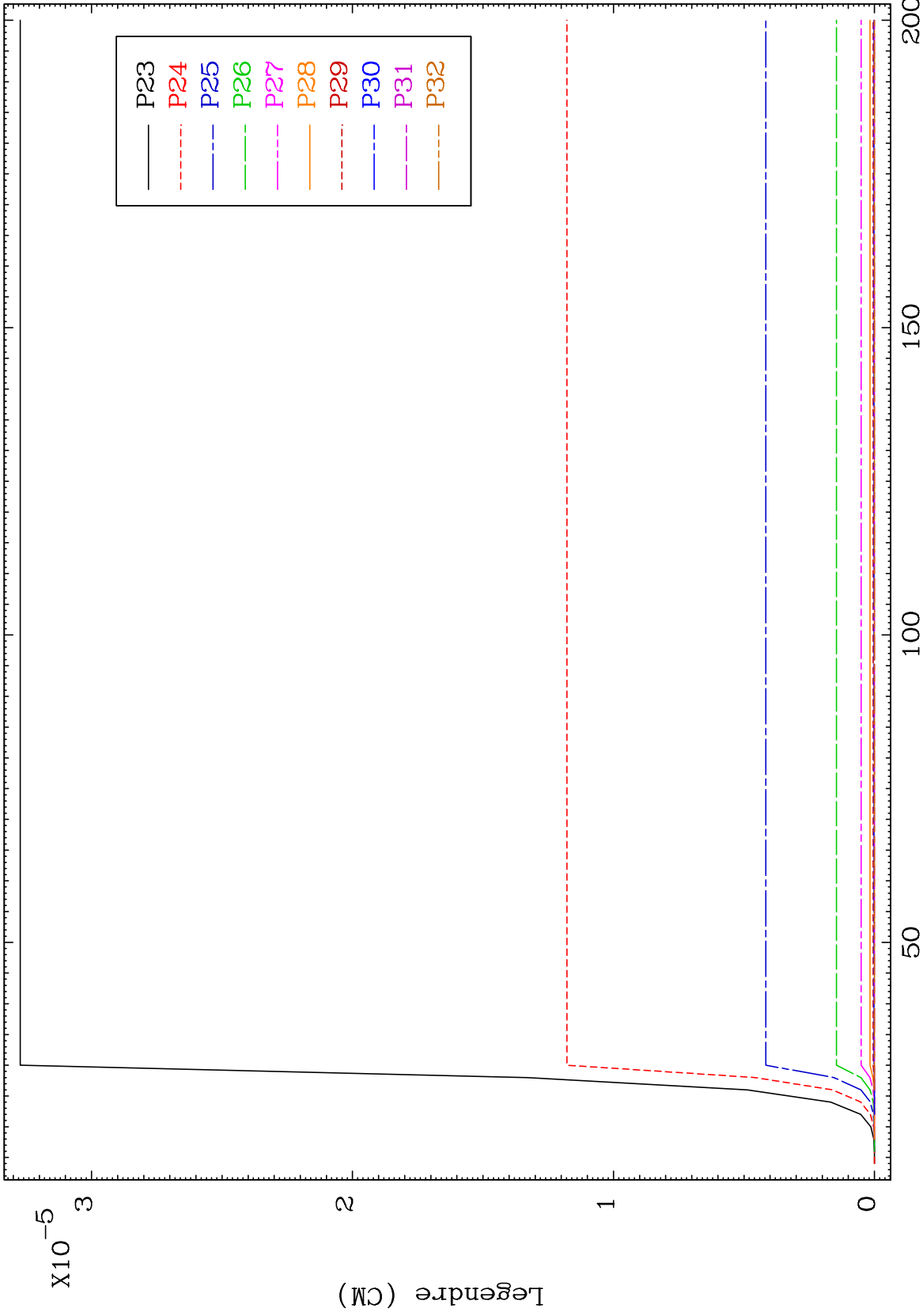
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72

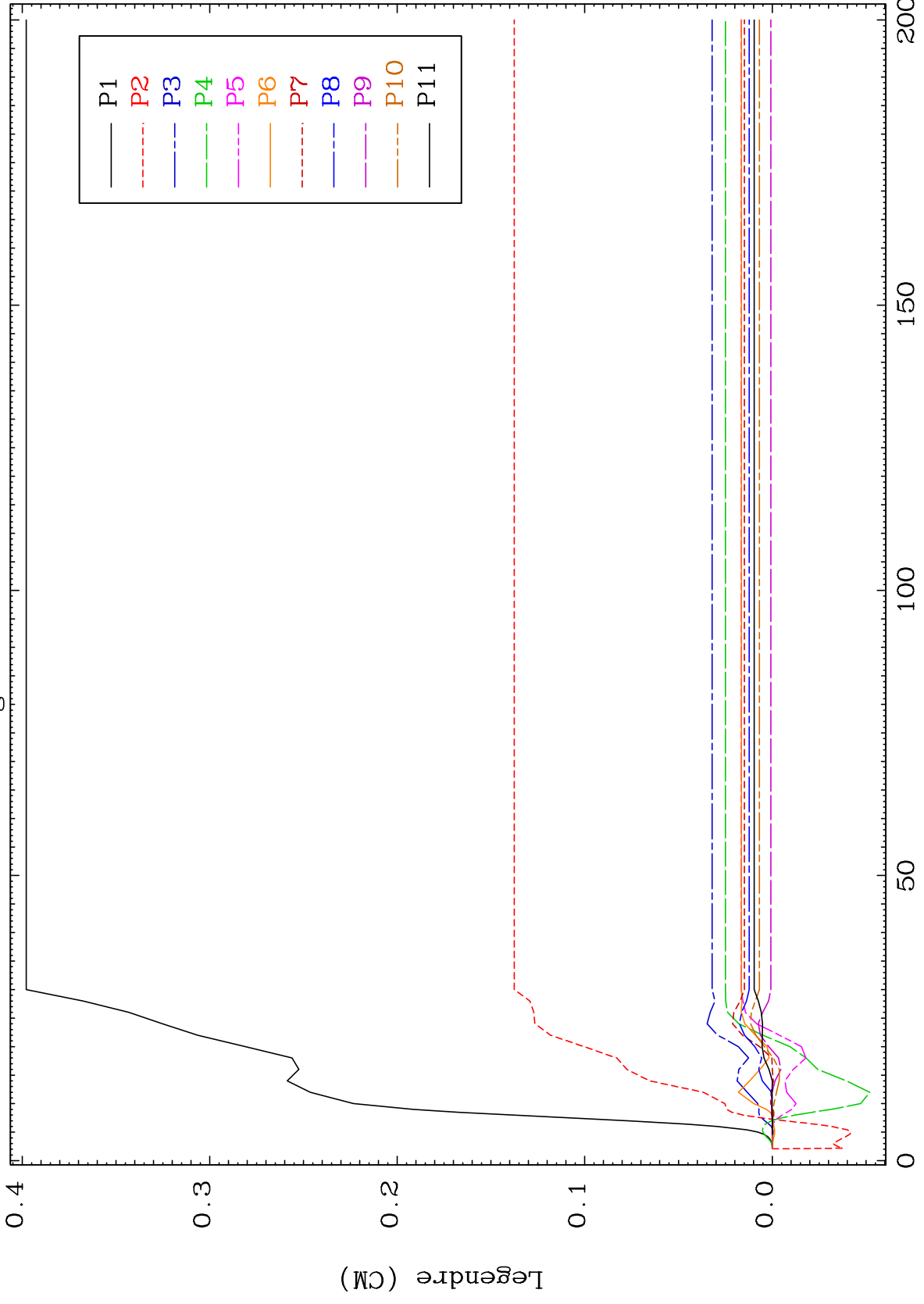


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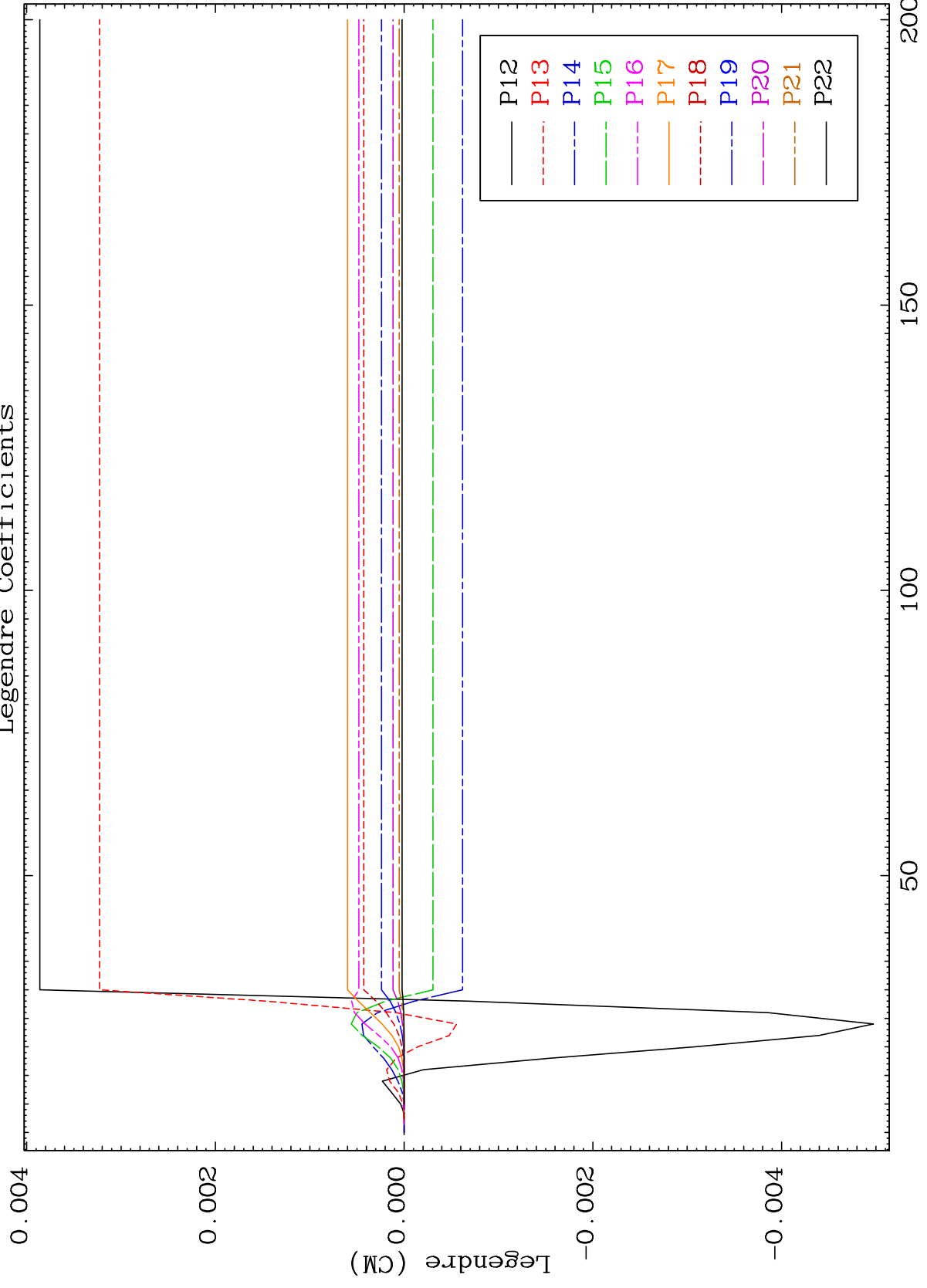
Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-72



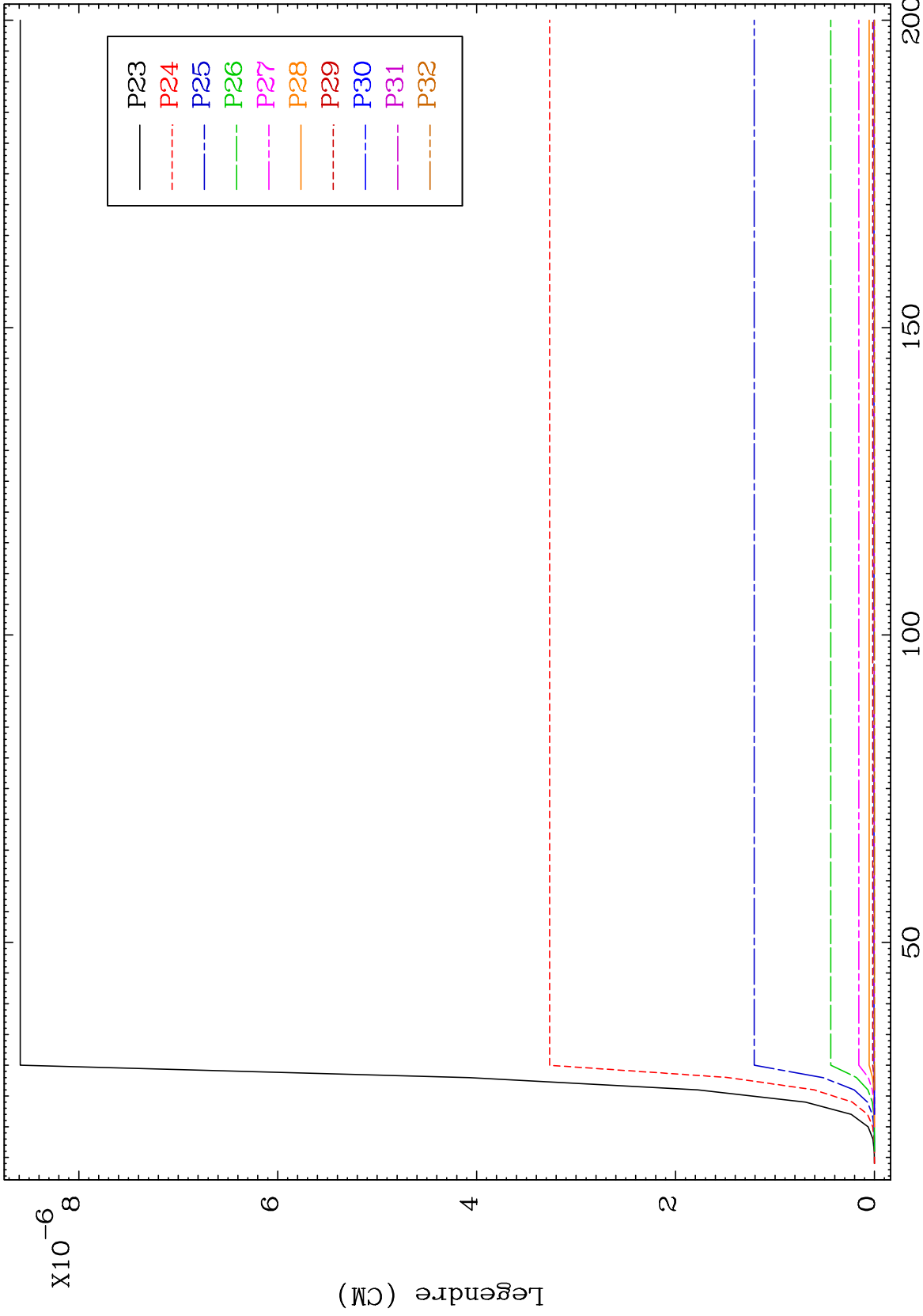
32-Ge-72



MAT 3231

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

32-Ge-72

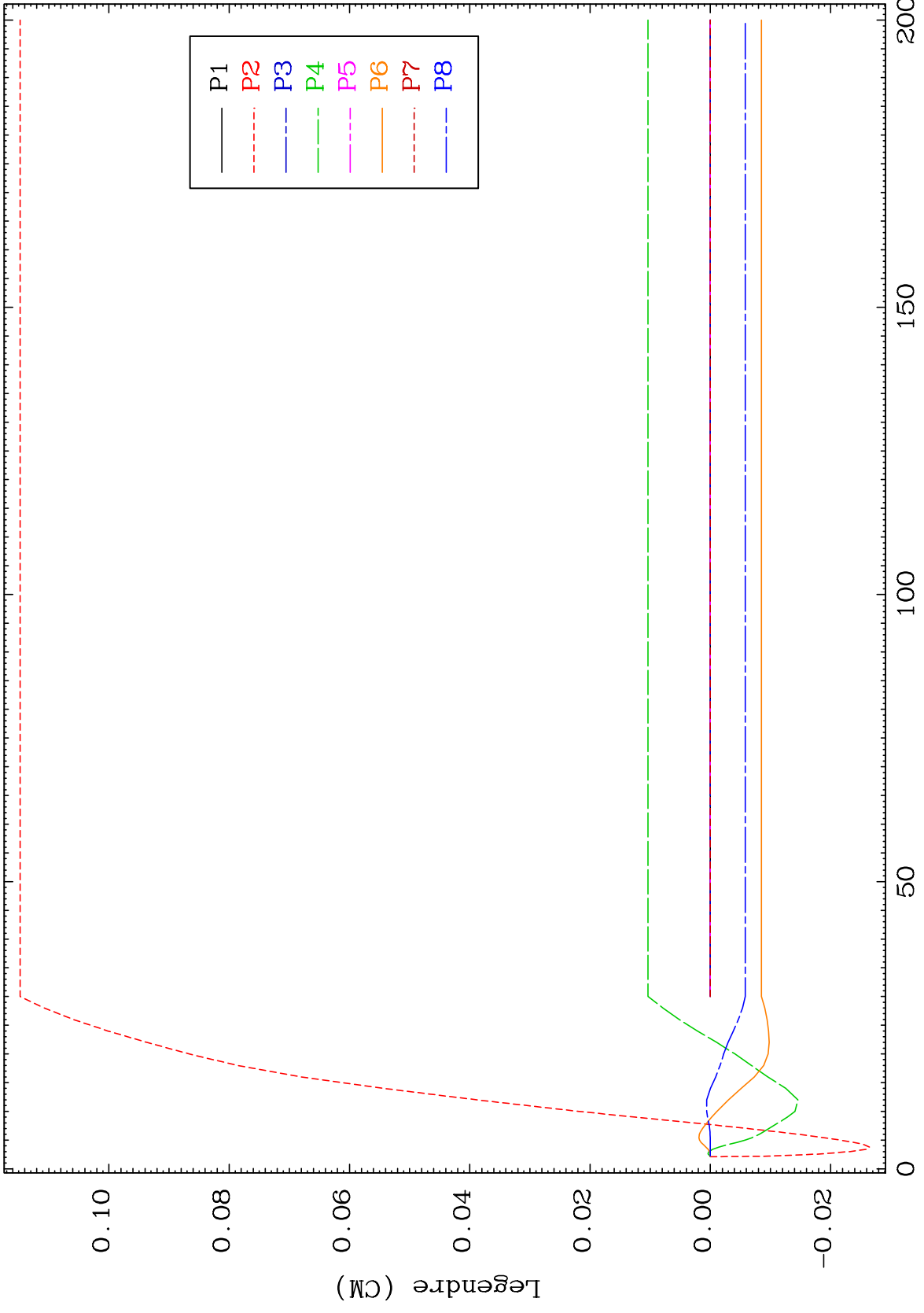


37

Incident Energy (MeV)

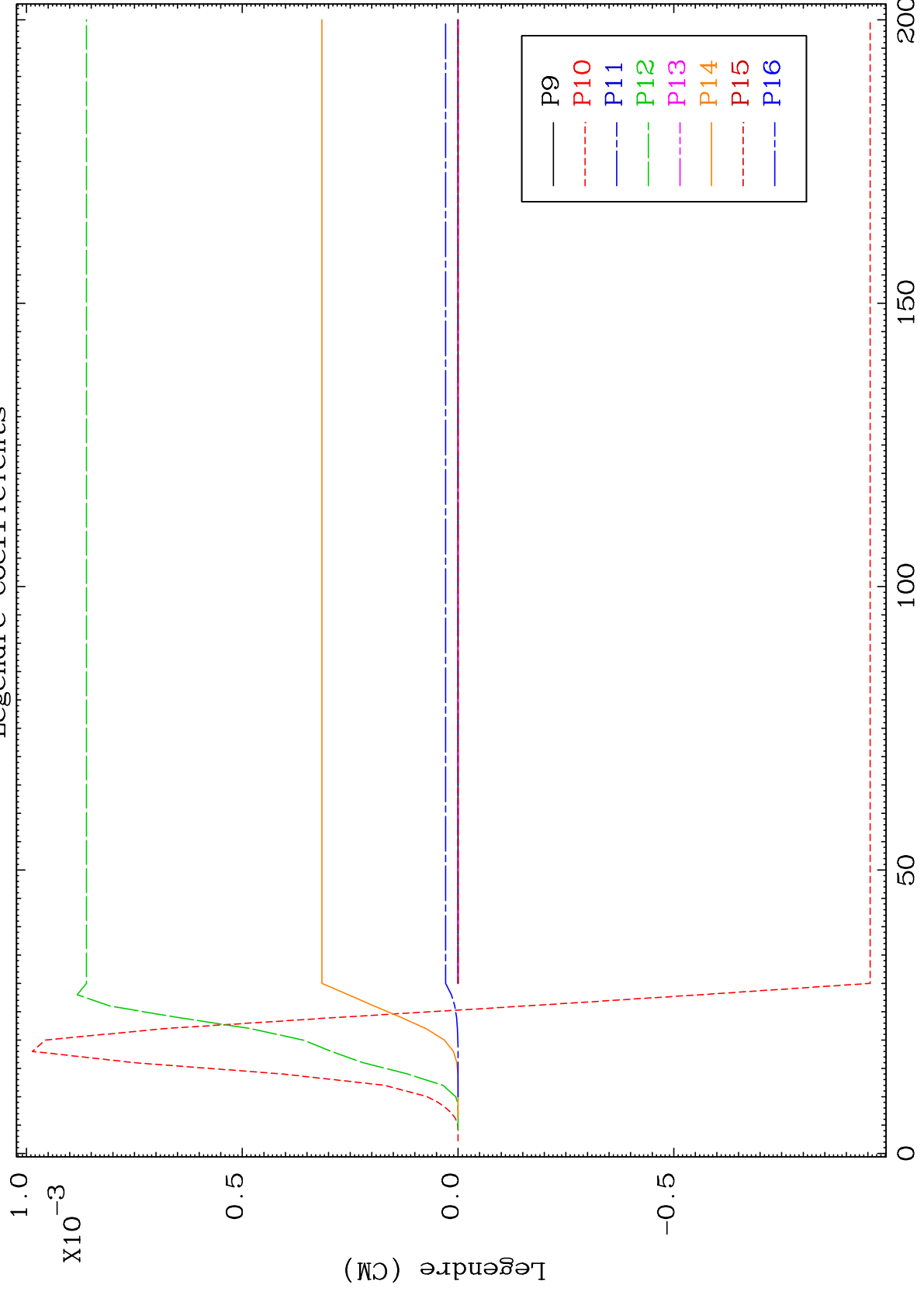
32-Ge-72

MAT 3231 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-72



38 32-Ge-72

MAT 3231 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-72

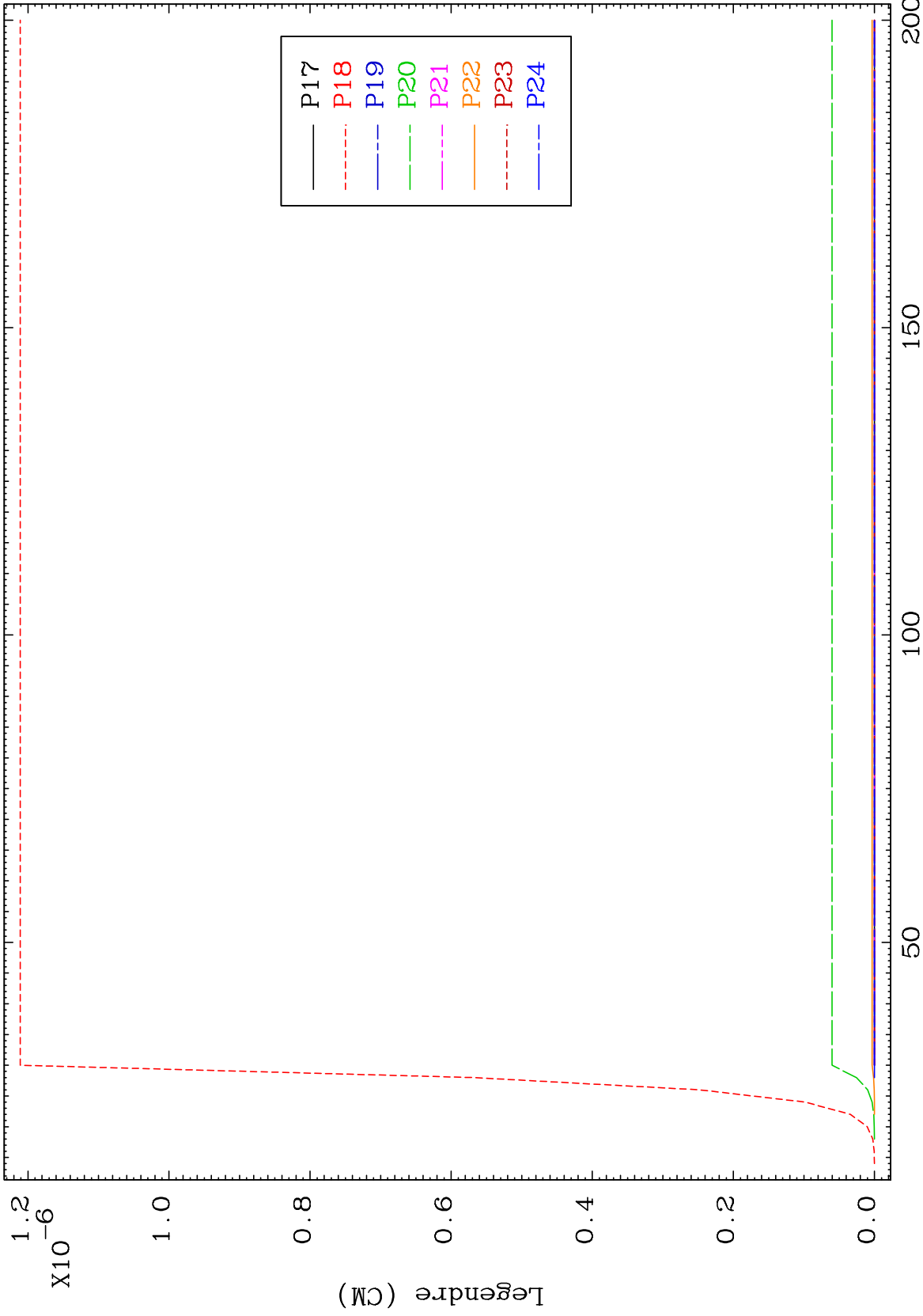


39 32-Ge-72

MAT 3231

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

32-Ge-72

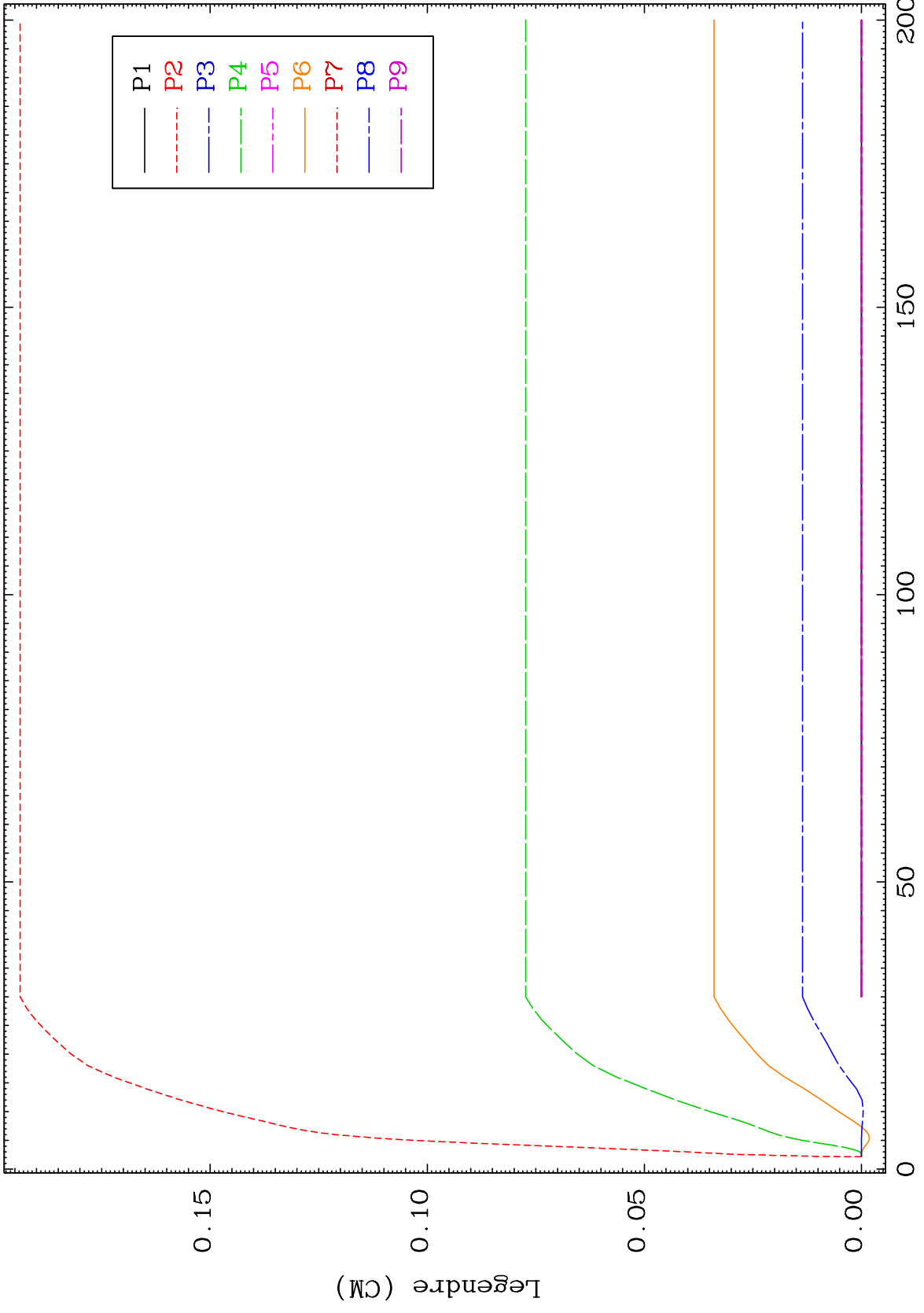


32-Ge-72

Incident Energy (MeV)

40

MAT 3231 MT= 58 (n,n') Level Legendre Coefficients 32-Ge-72

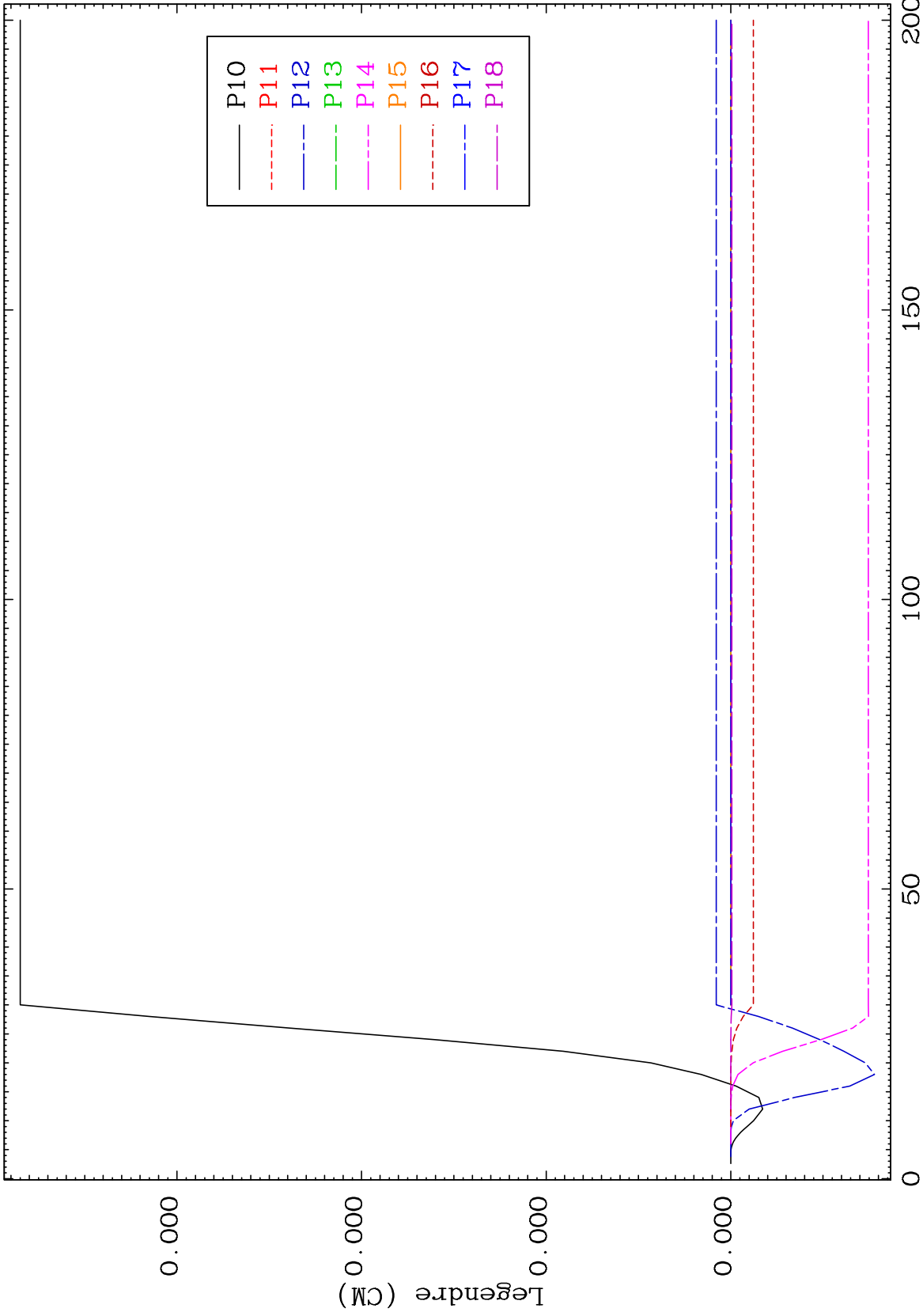


41 32-Ge-72

MAT 3231

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

32-Ge-72

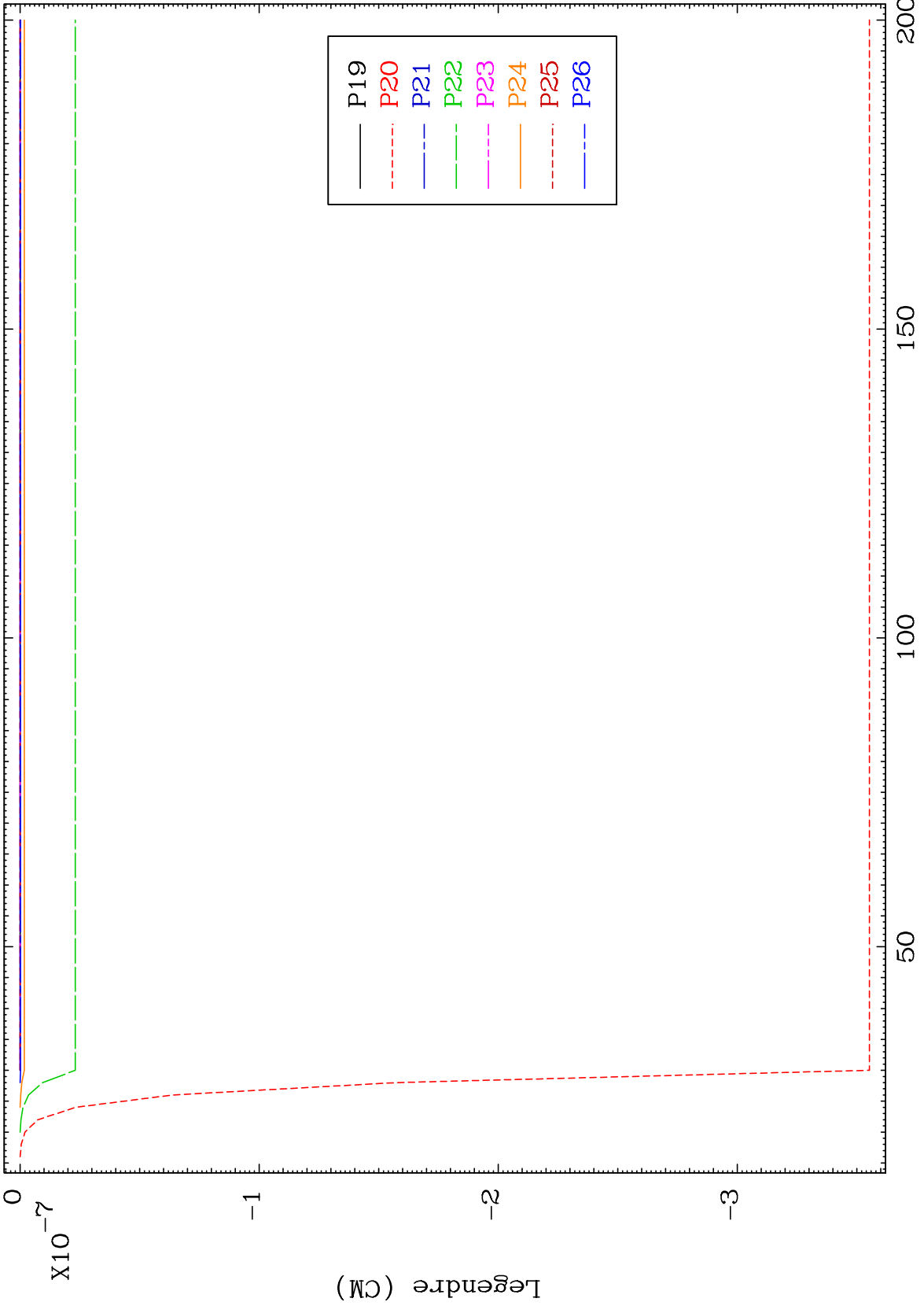


42

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 58 (n,n') Level Legendre Coefficients 32-Ge-72

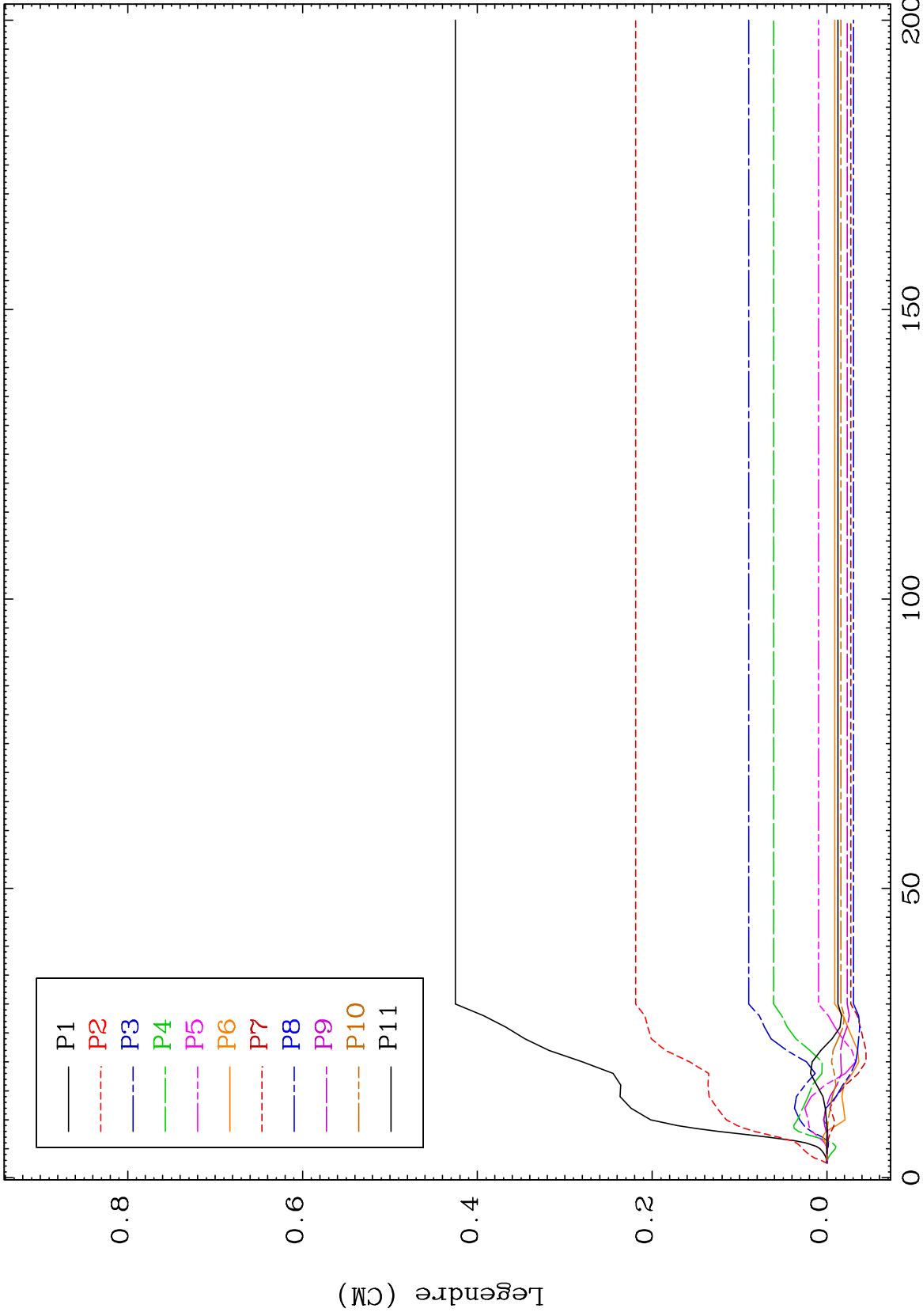


43 32-Ge-72

MAT 3231

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

32-Ge-72



44

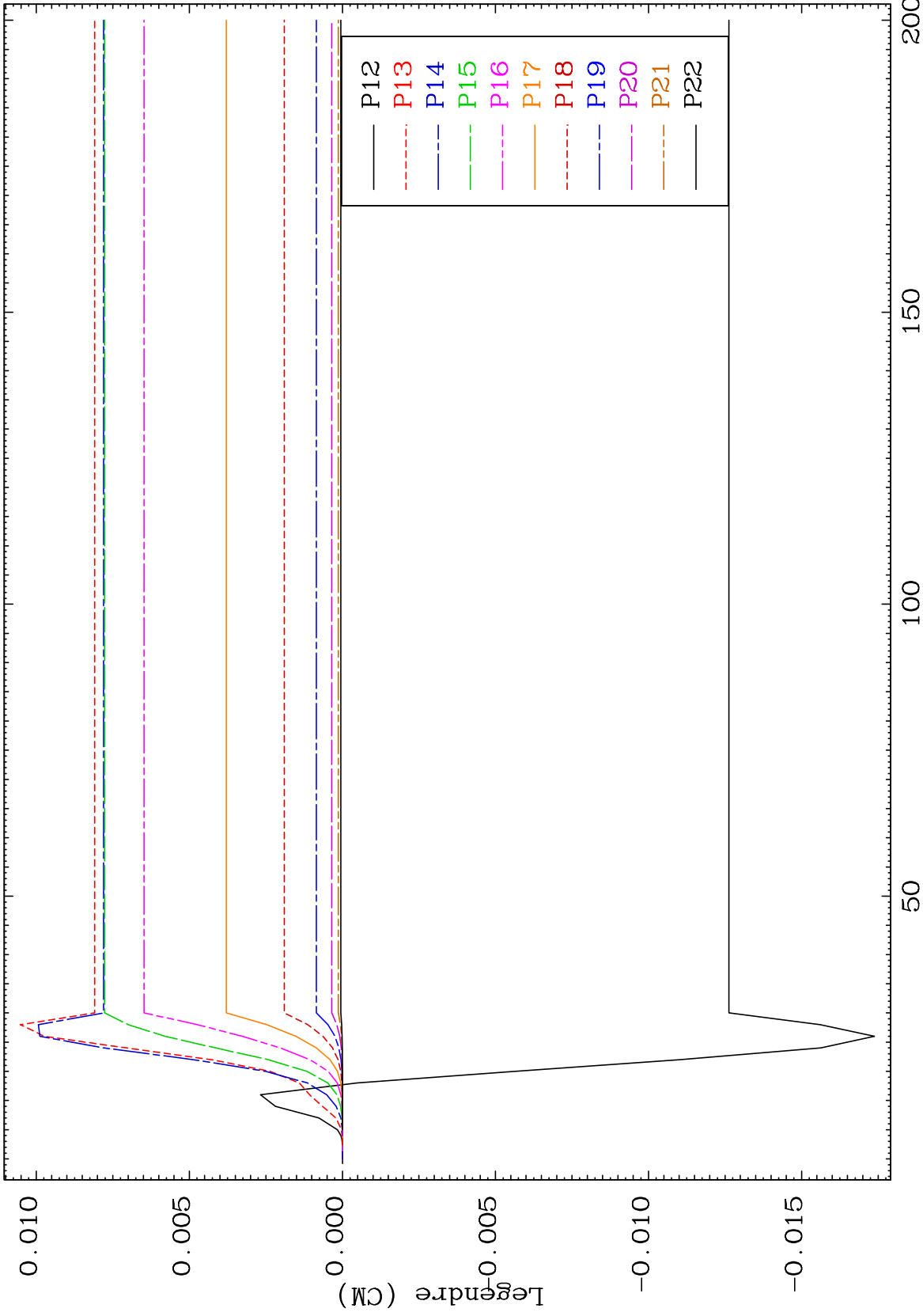
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



45

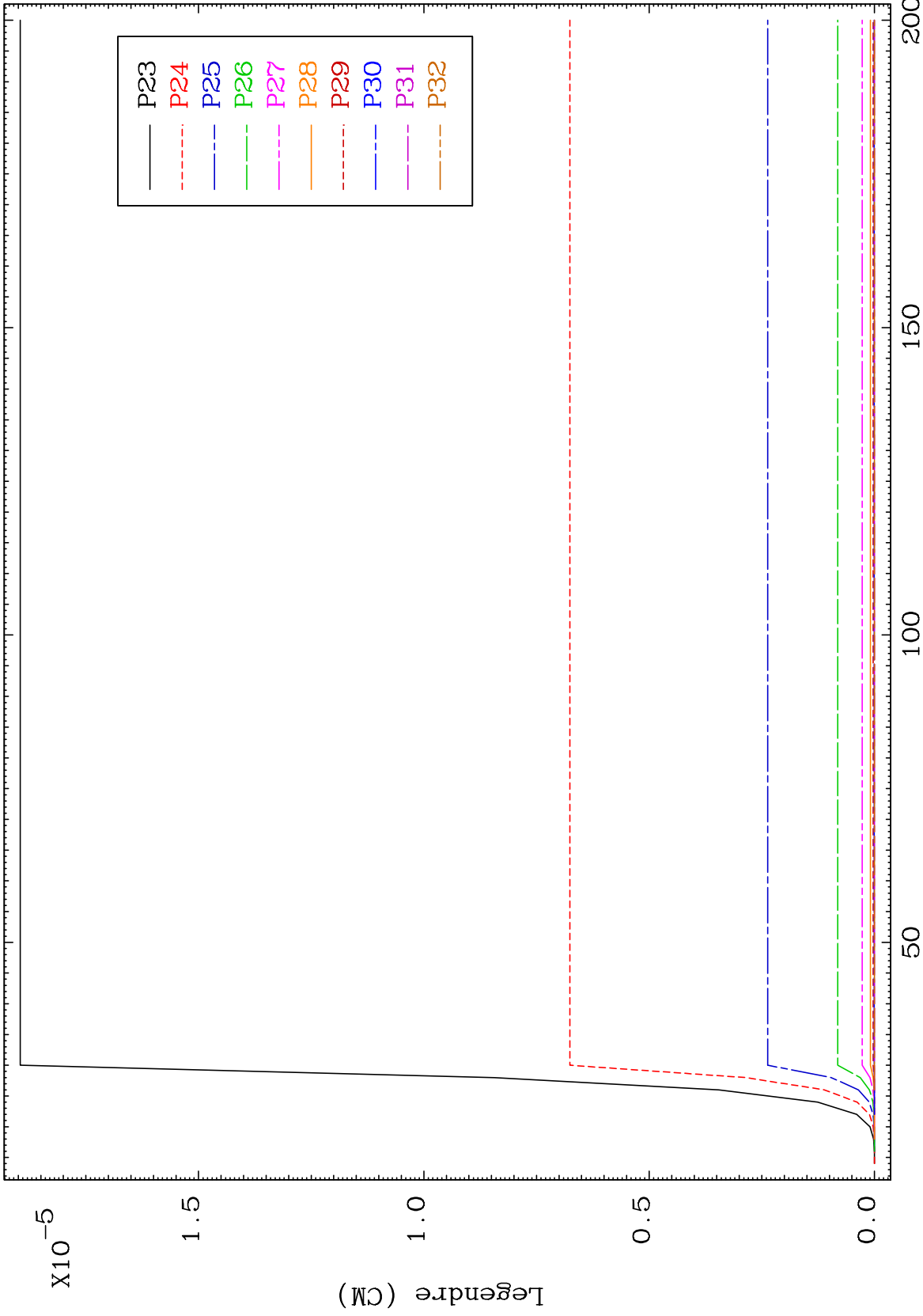
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



46

Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



47

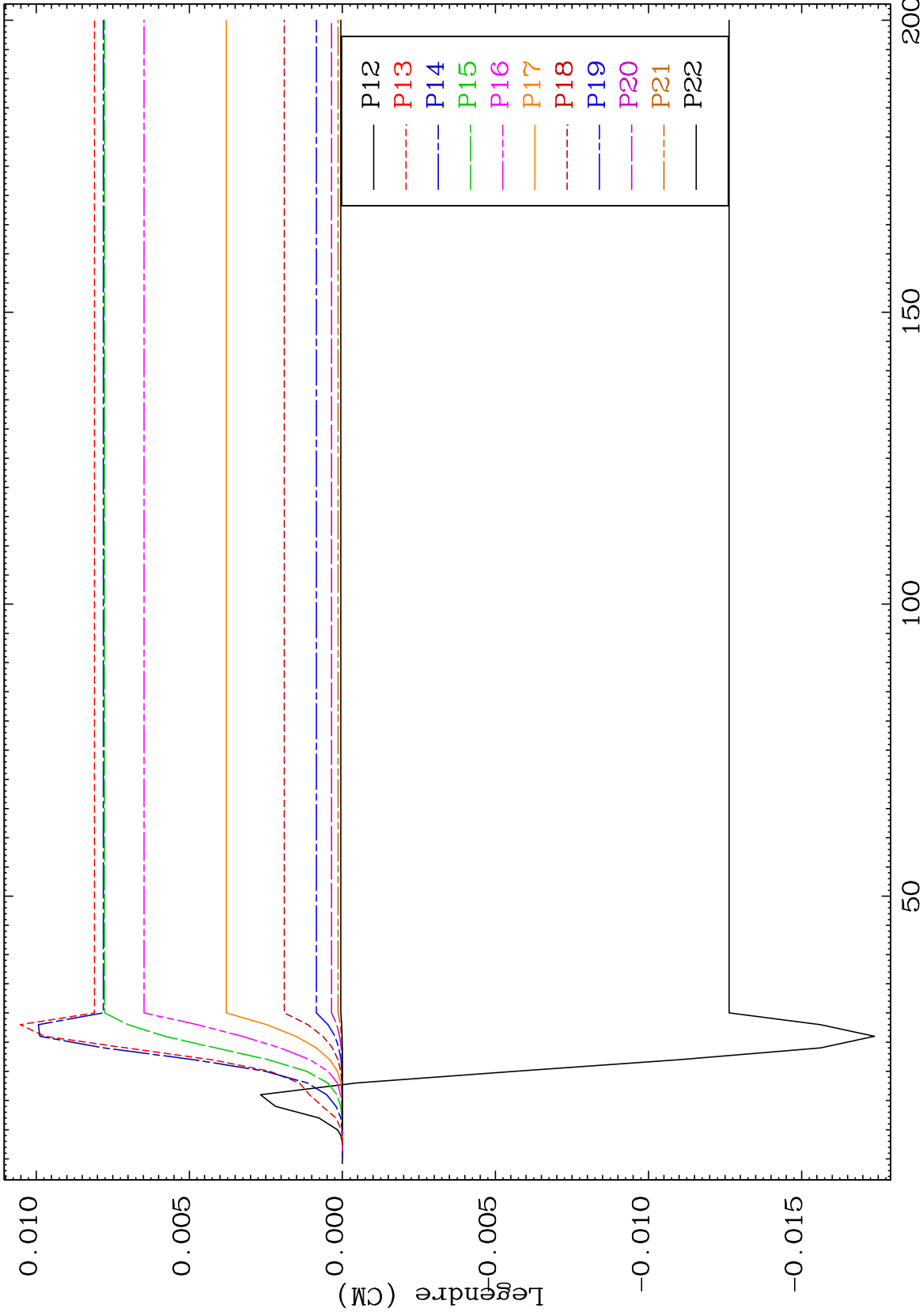
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



32-Ge-72

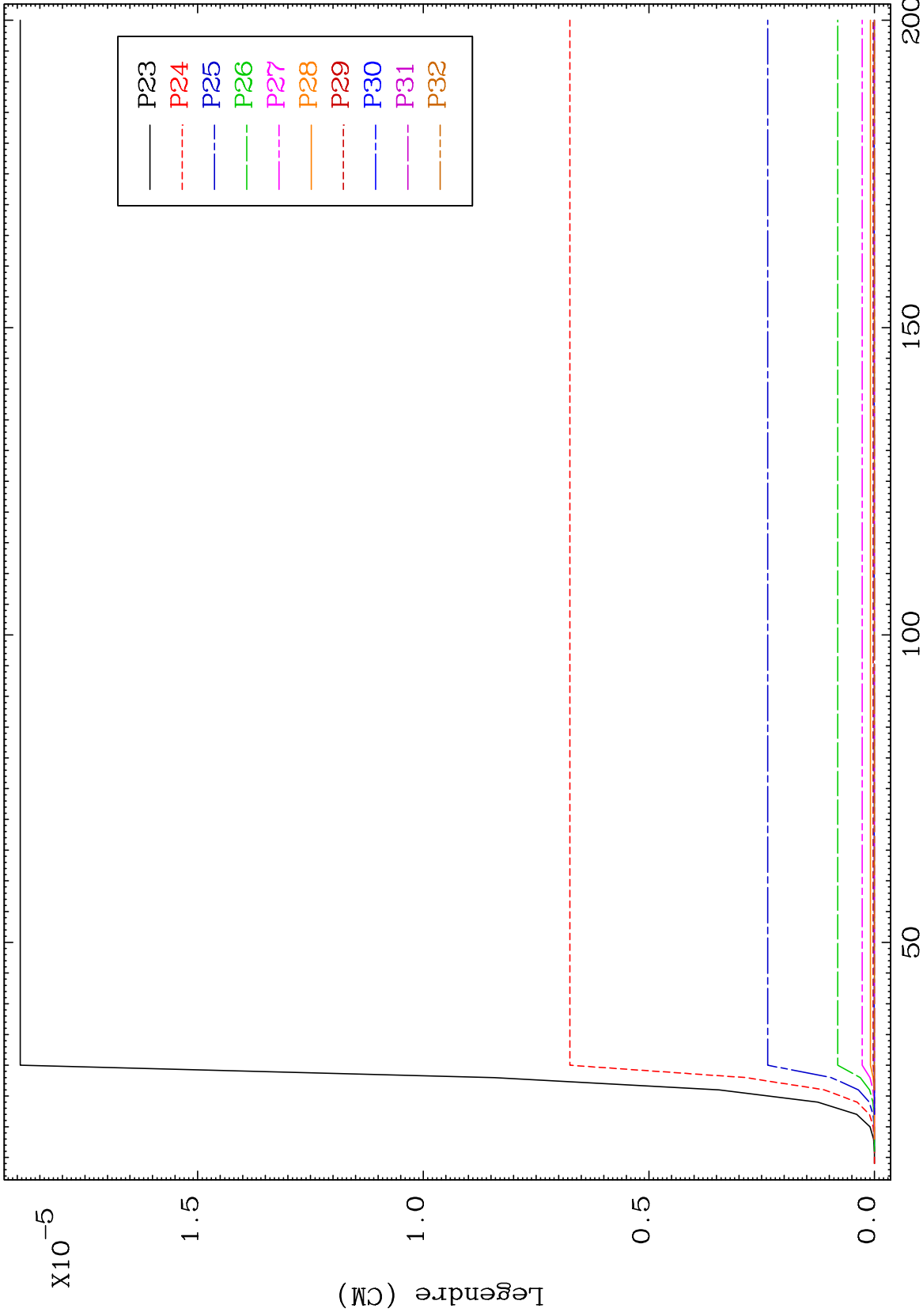
Incident Energy (MeV)

48

MAT 3231

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

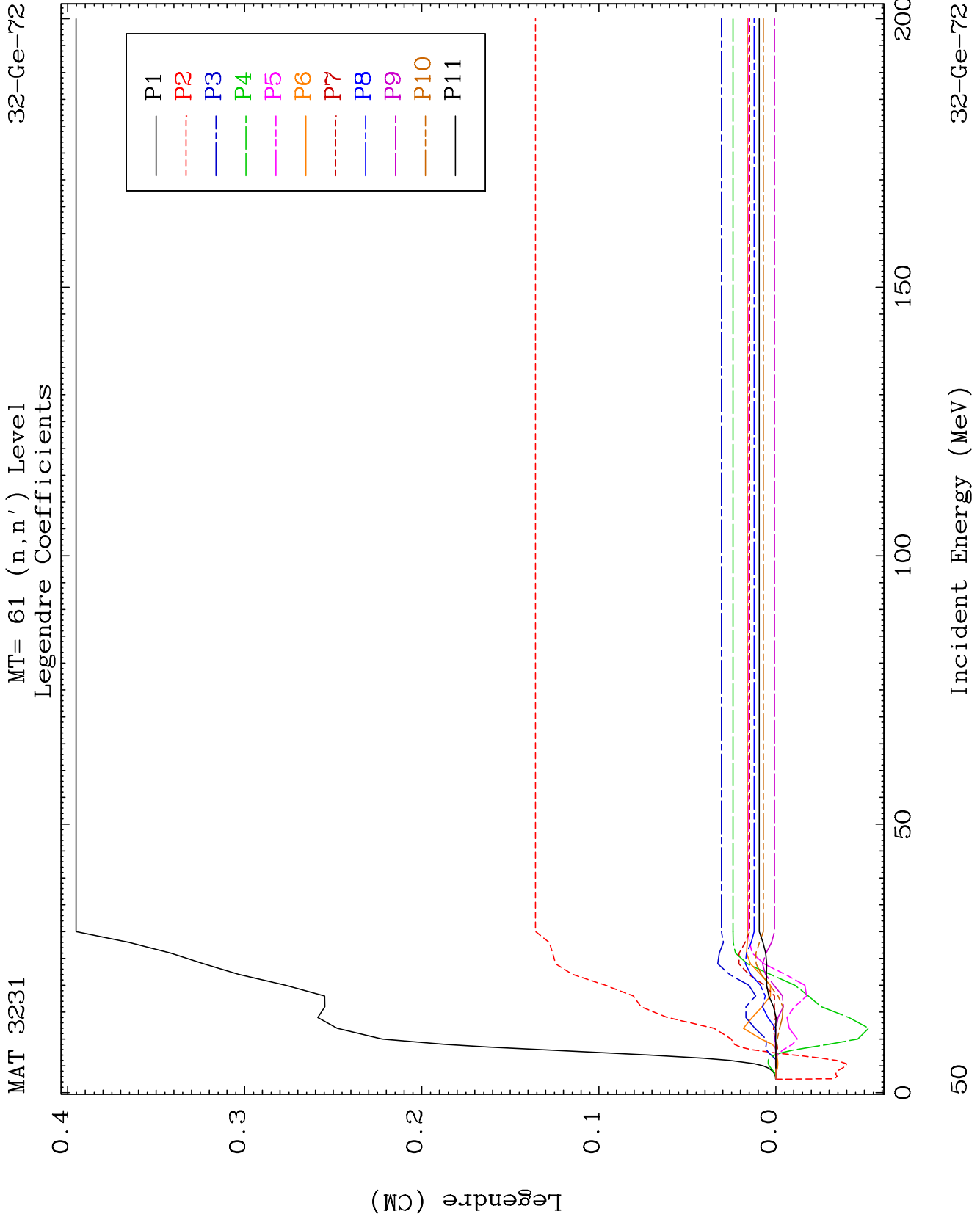
32-Ge-72



49

Incident Energy (MeV)

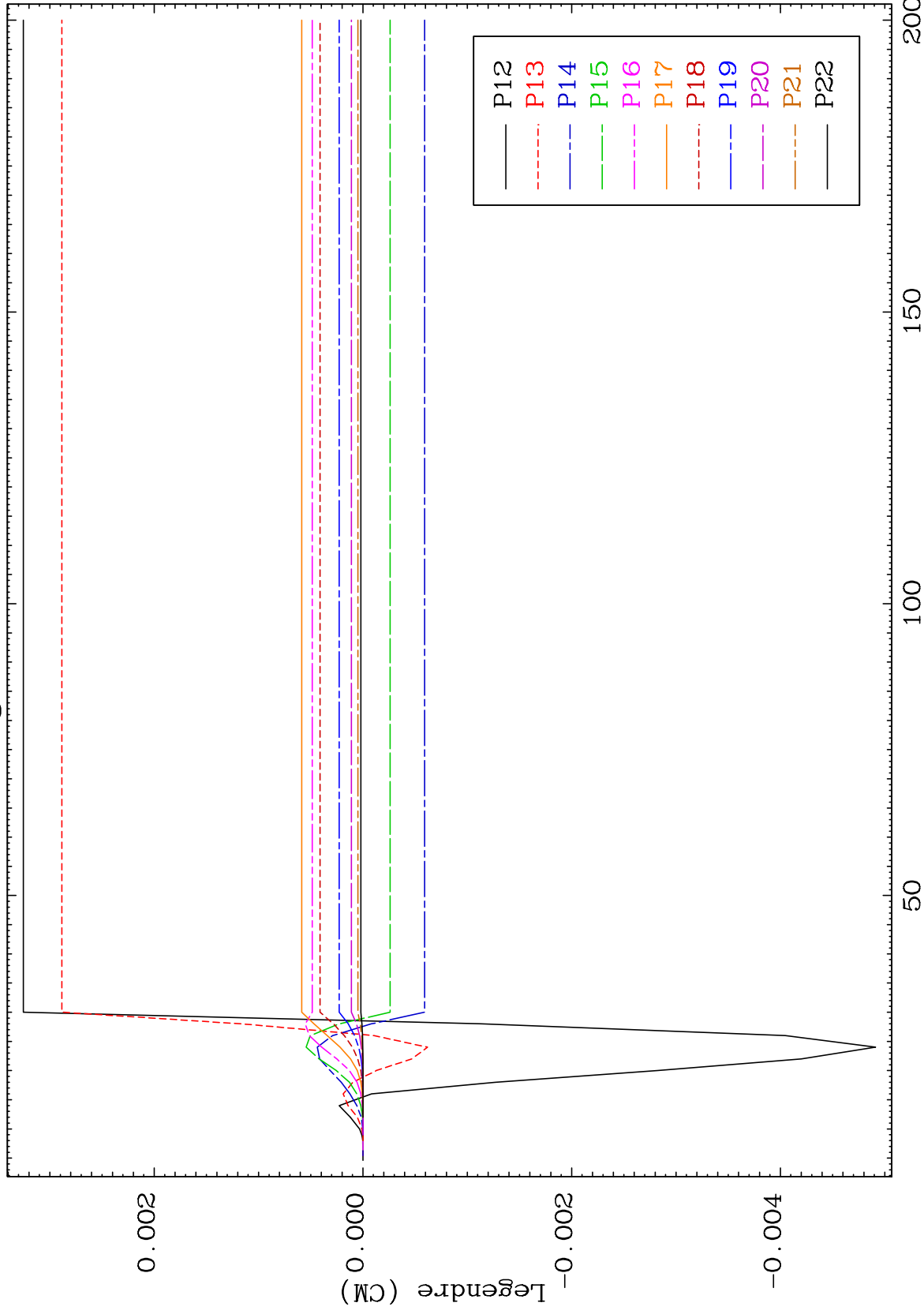
32-Ge-72



MAT 3231

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

32-Ge-72



51

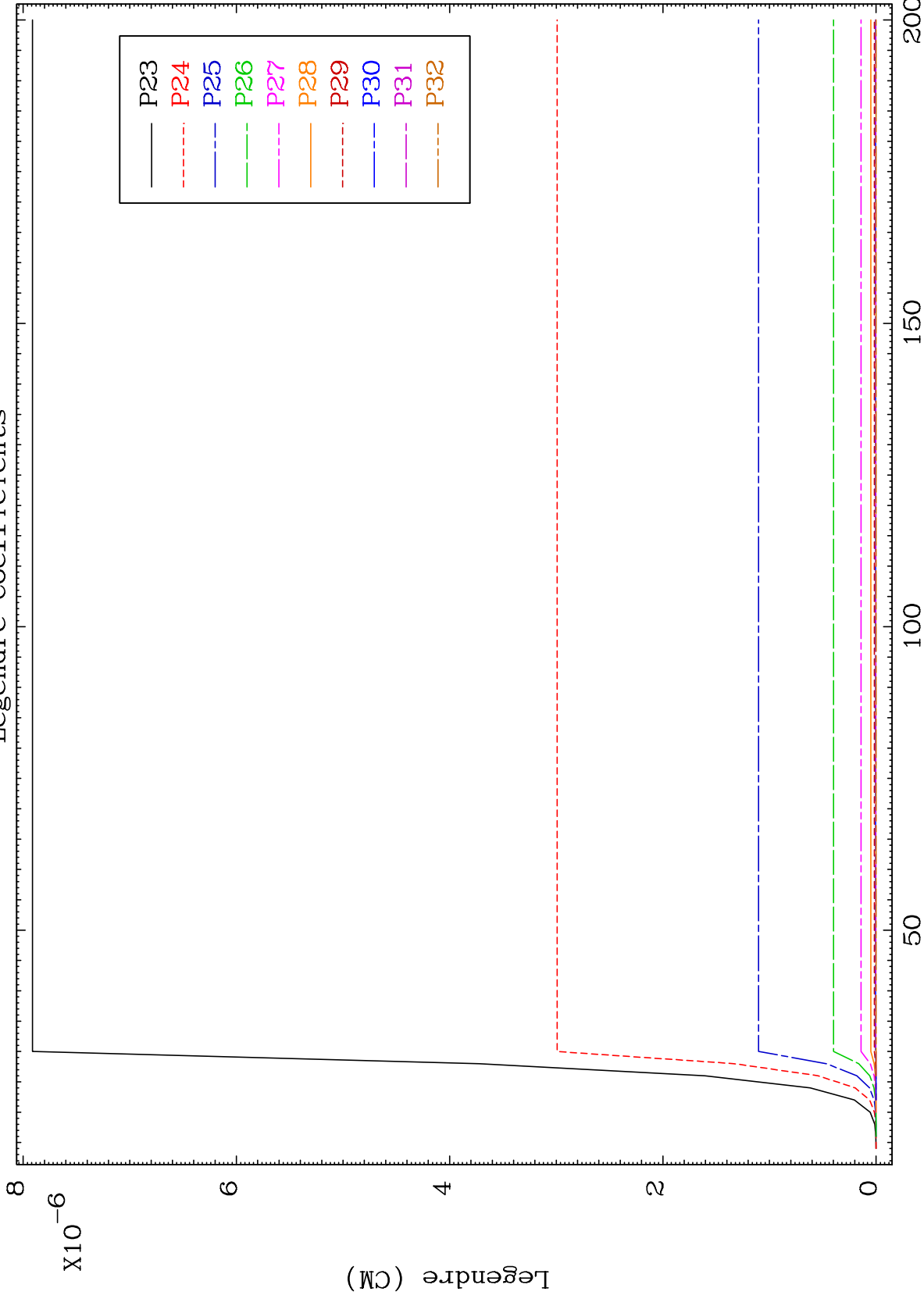
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



52

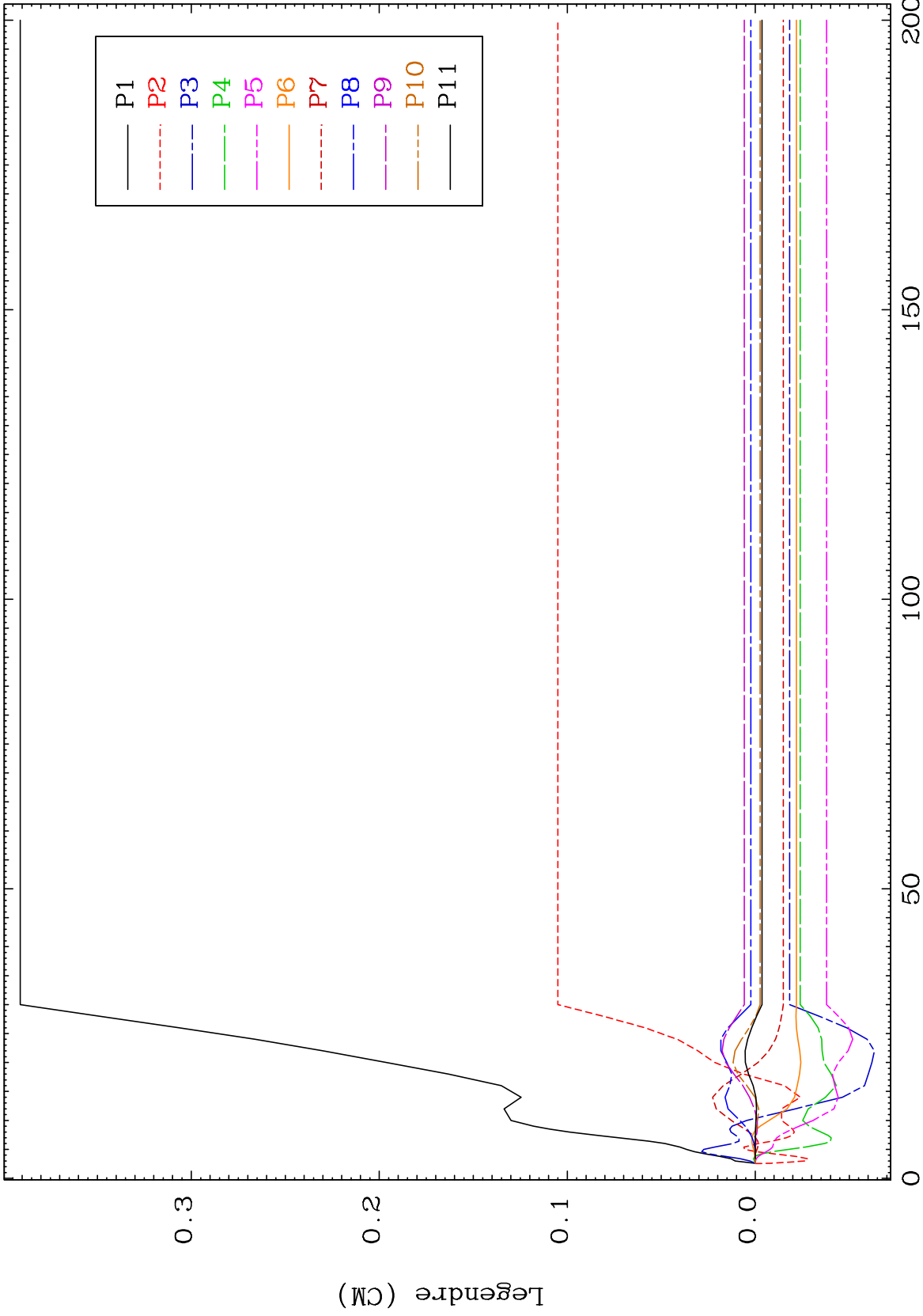
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



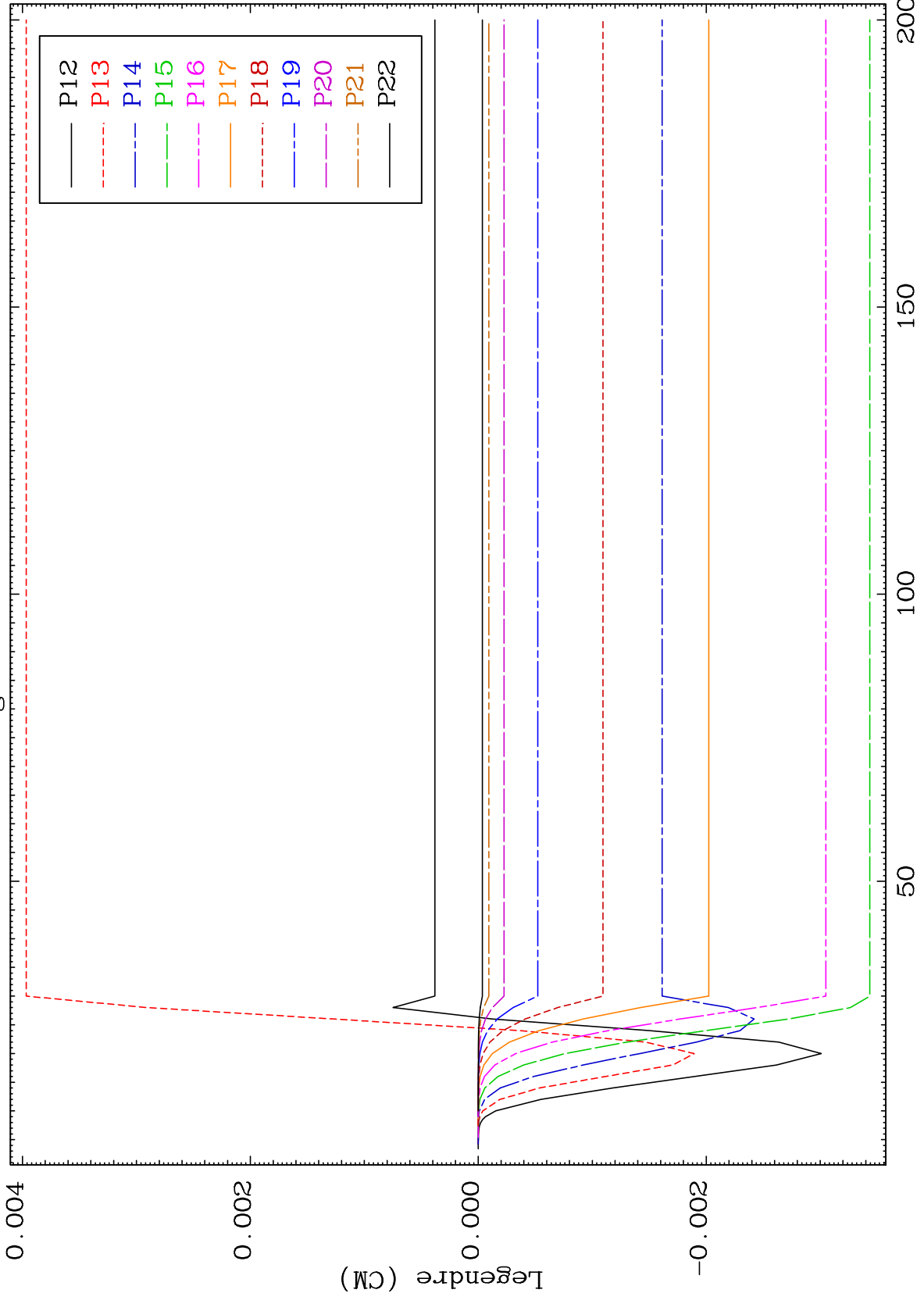
53

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 62 (n,n') Level Legendre Coefficients

32-Ge-72



32-Ge-72

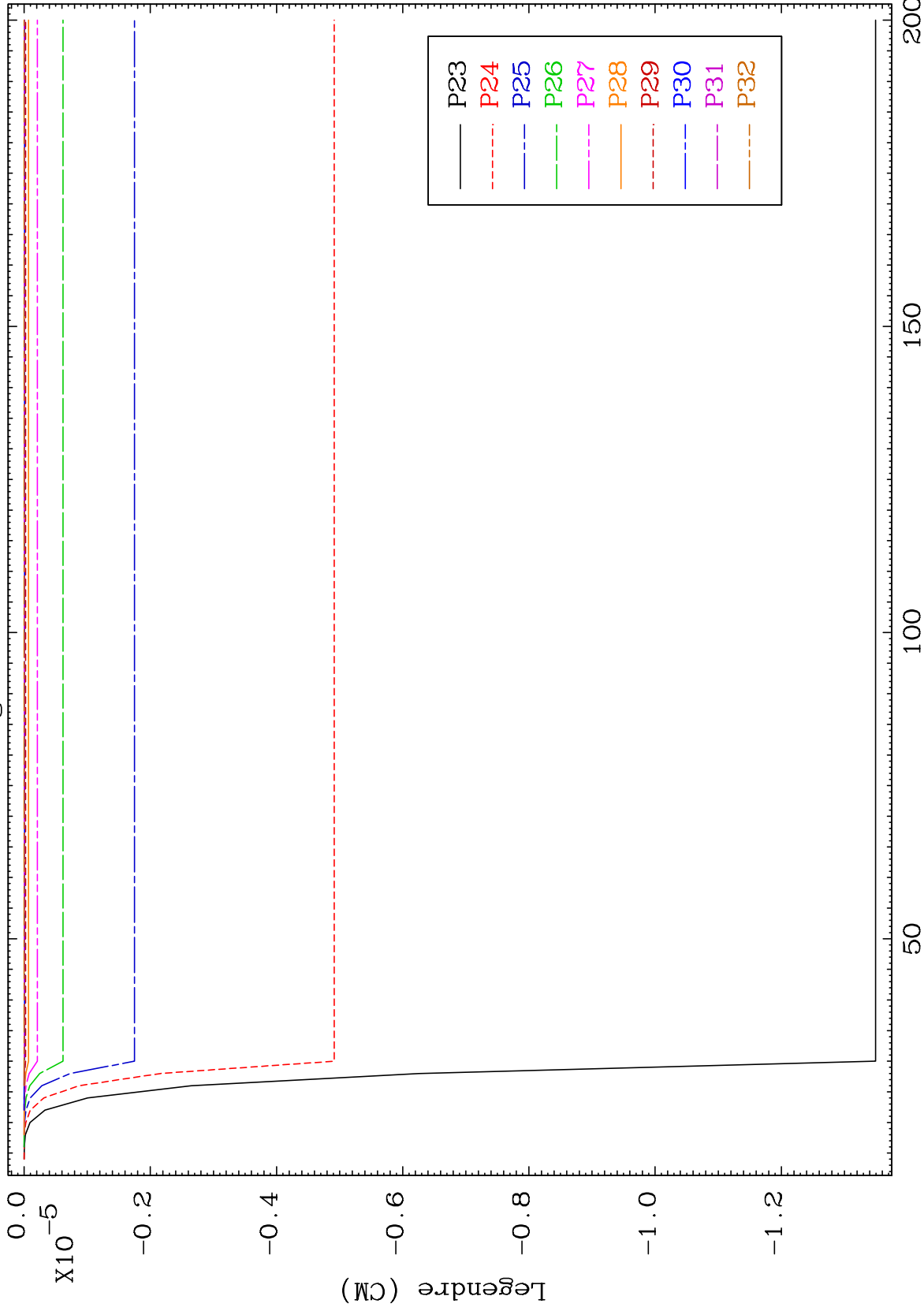
Incident Energy (MeV)

54

MAT 3231

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

32-Ge-72



32-Ge-72

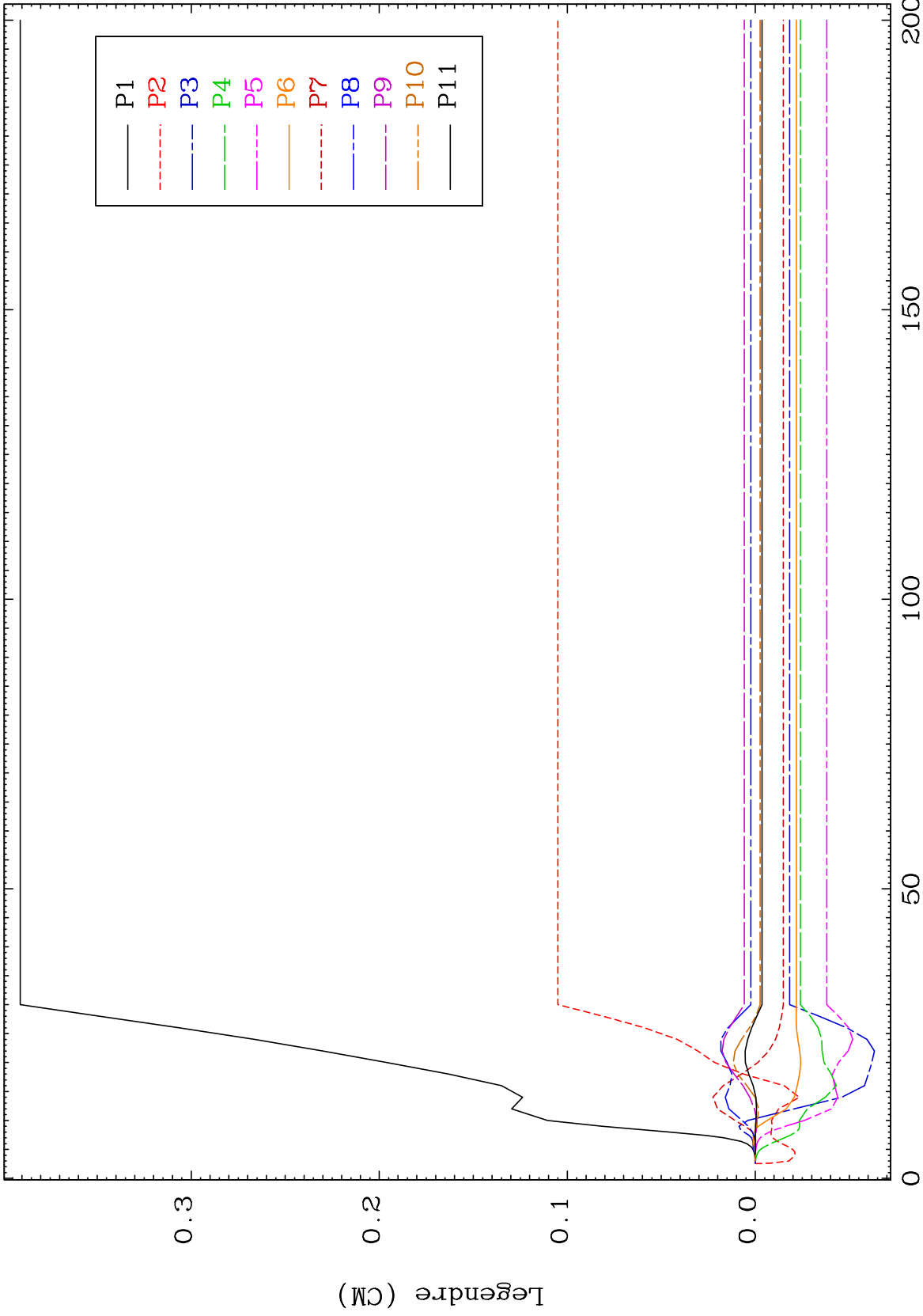
Incident Energy (MeV)

55

MAT 3231

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

32-Ge-72

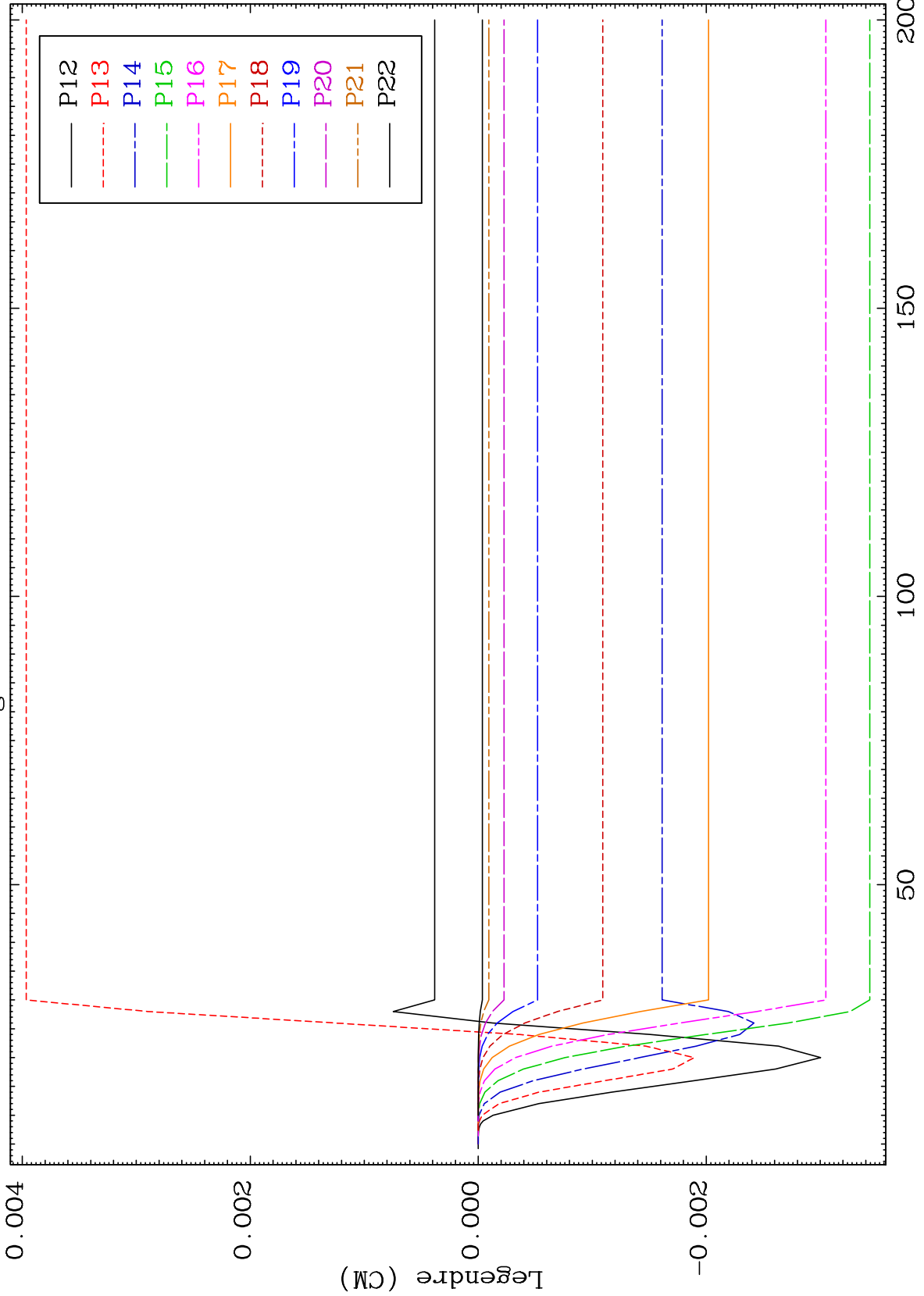


56

Incident Energy (MeV)

32-Ge-72

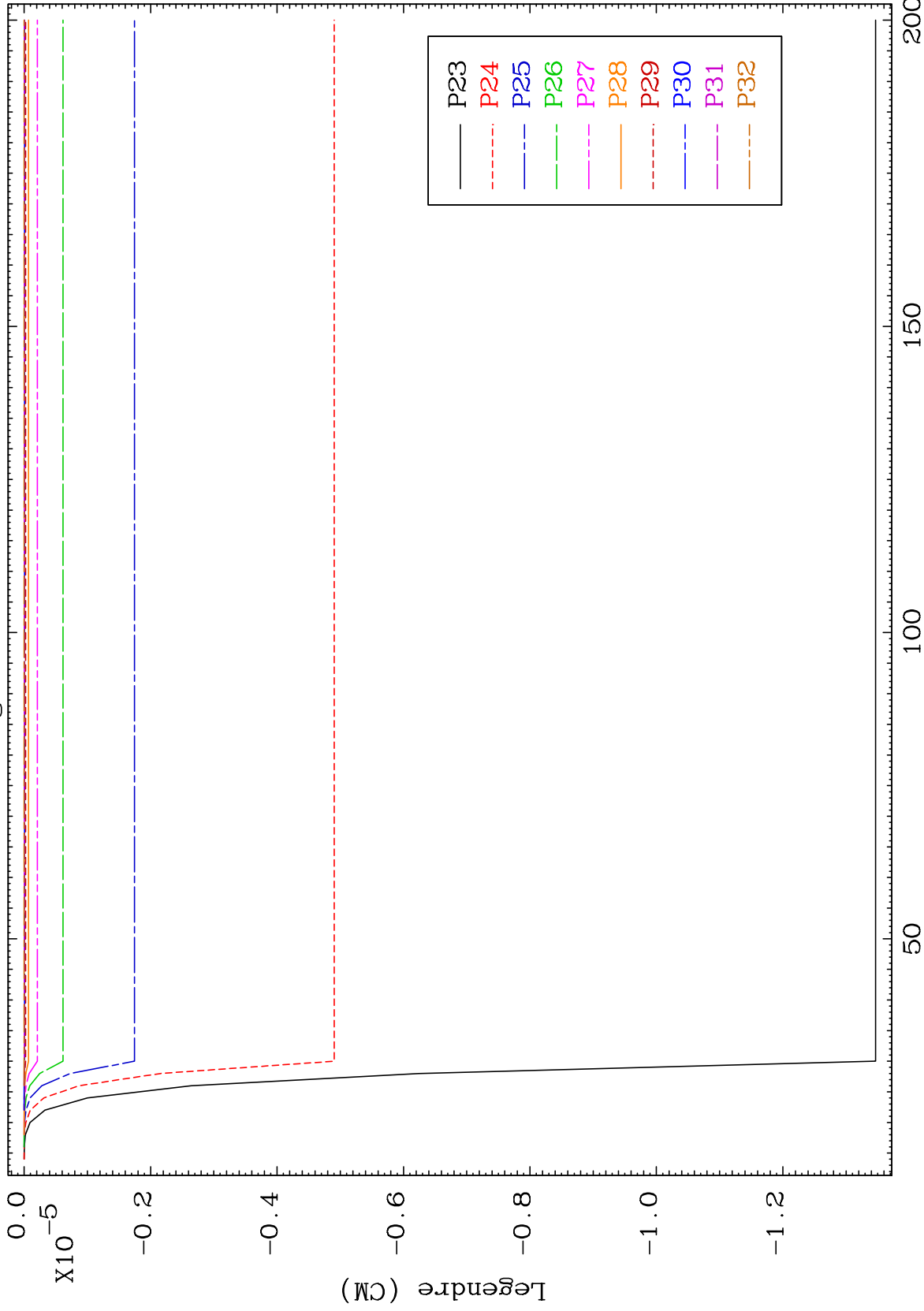
MAT 3231 MT= 63 (n,n') Level Legendre Coefficients 32-Ge-72



MAT 3231

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

32-Ge-72



32-Ge-72

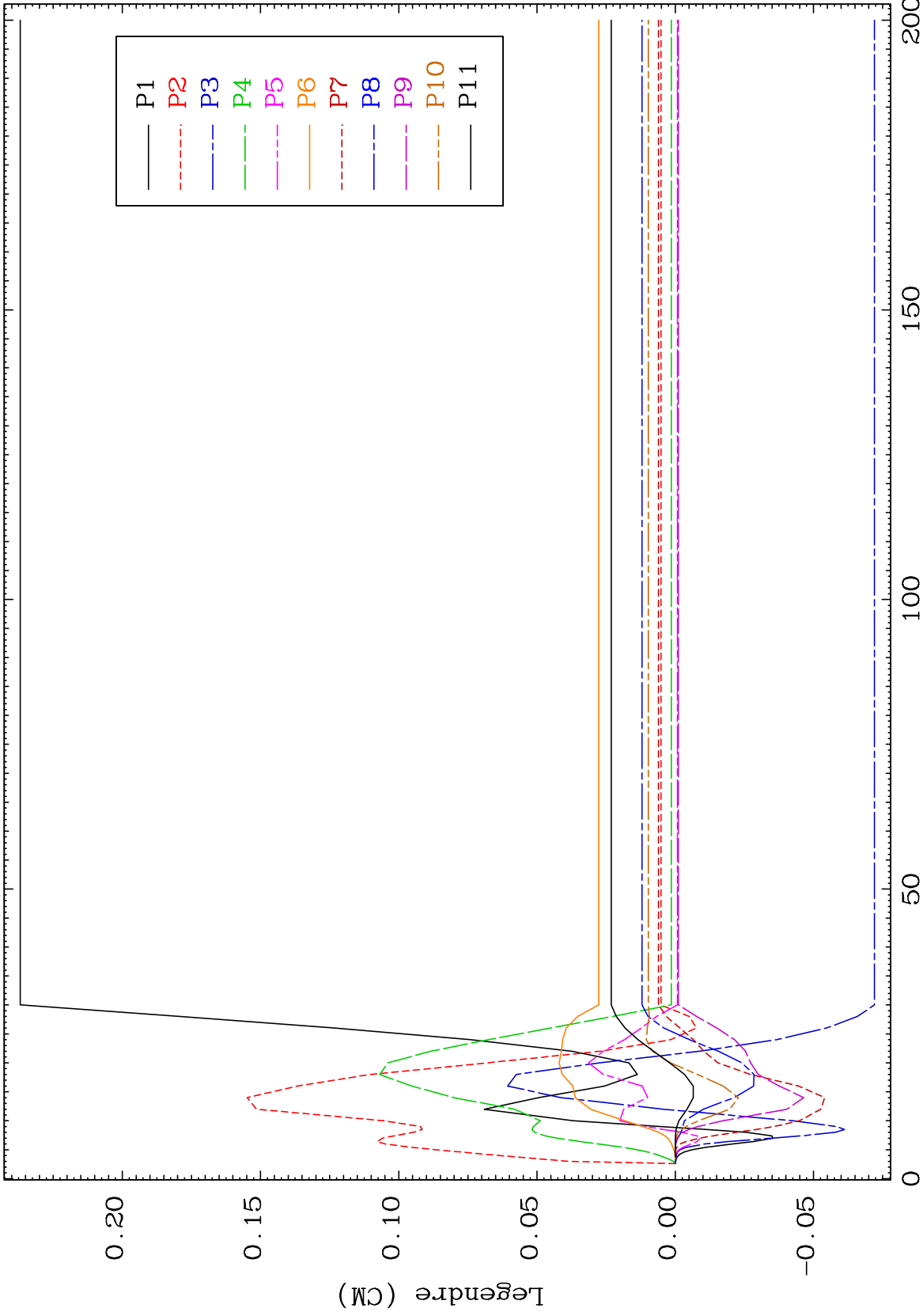
Incident Energy (MeV)

58

MAT 3231

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

32-Ge-72



59

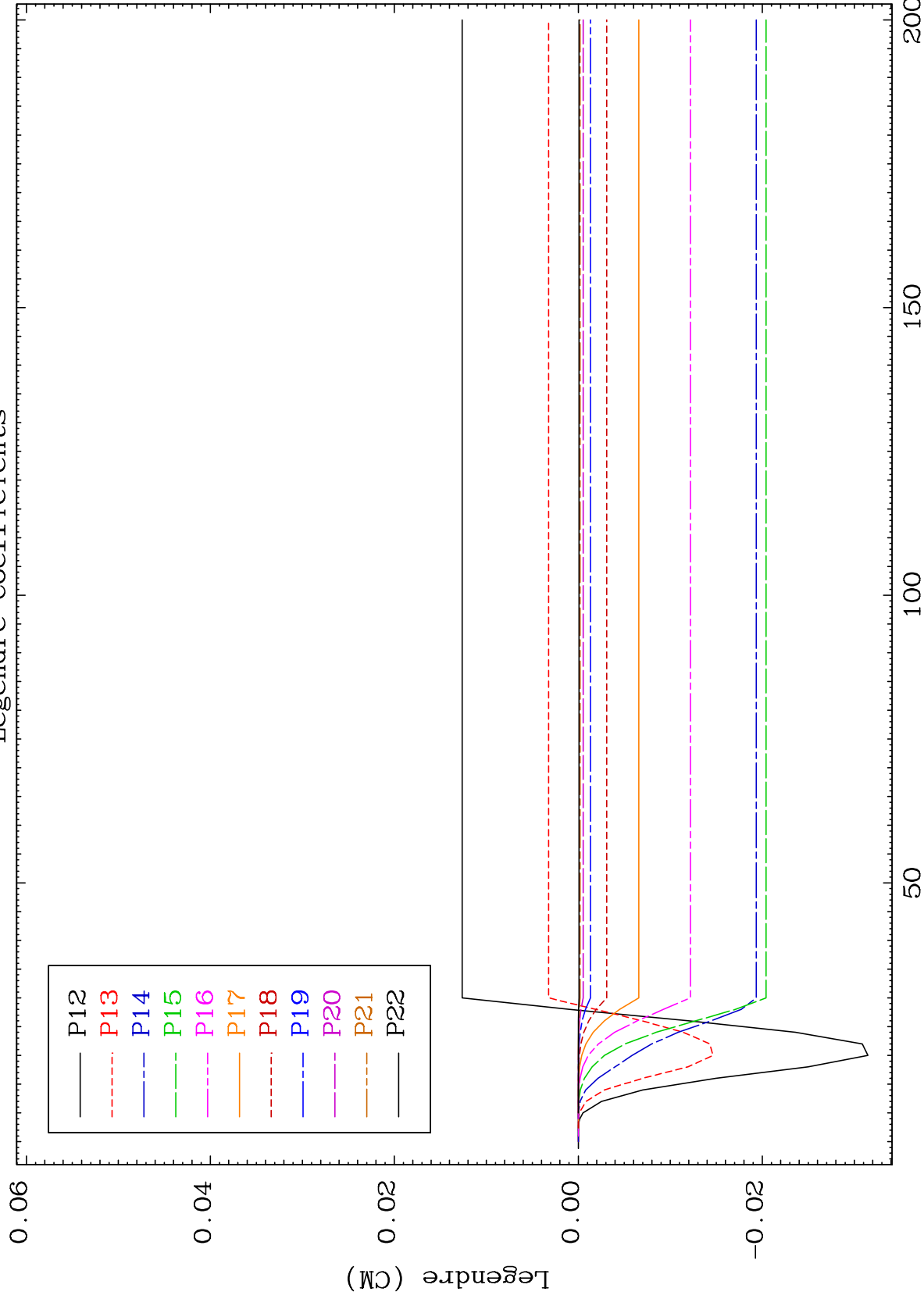
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



60

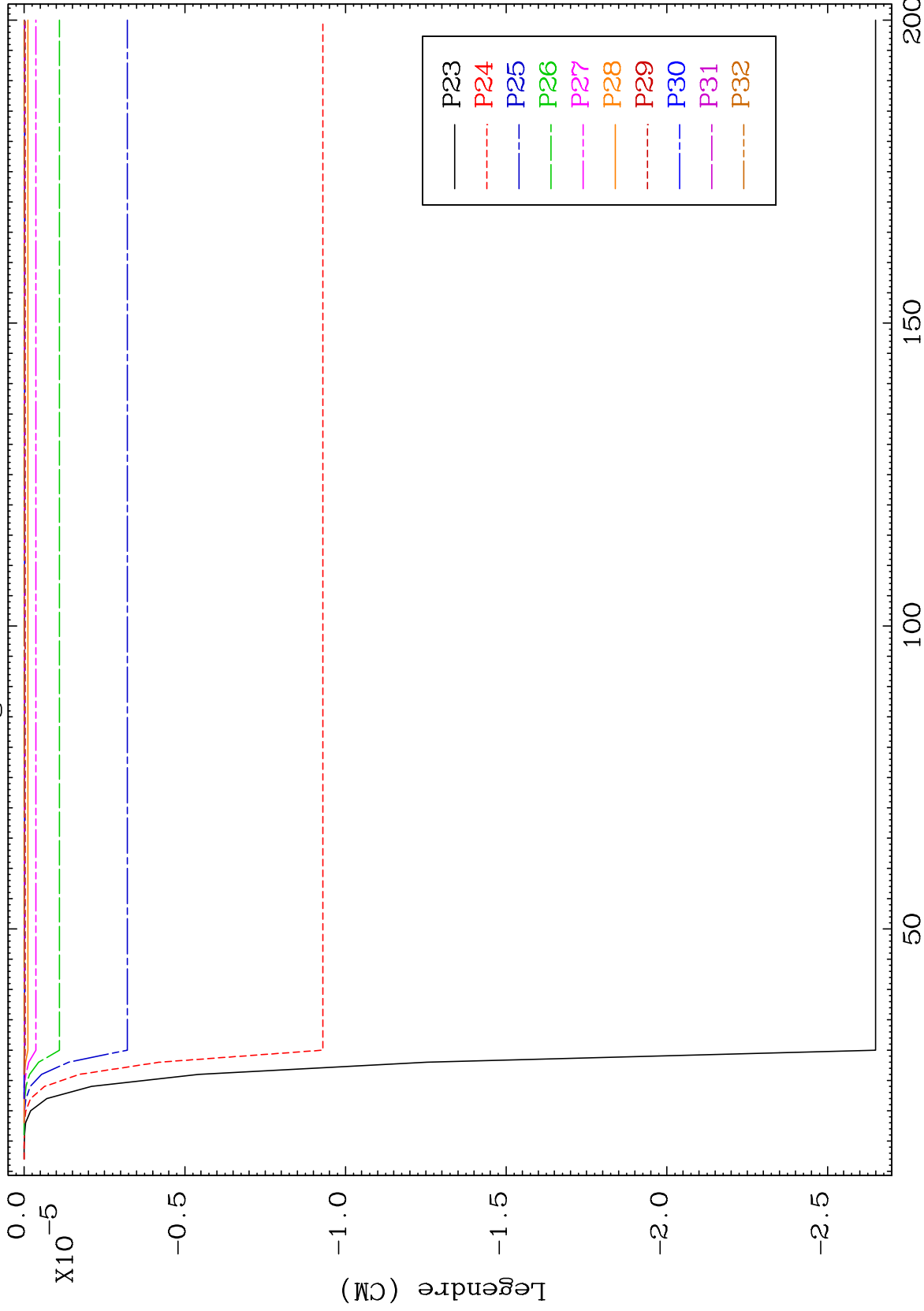
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



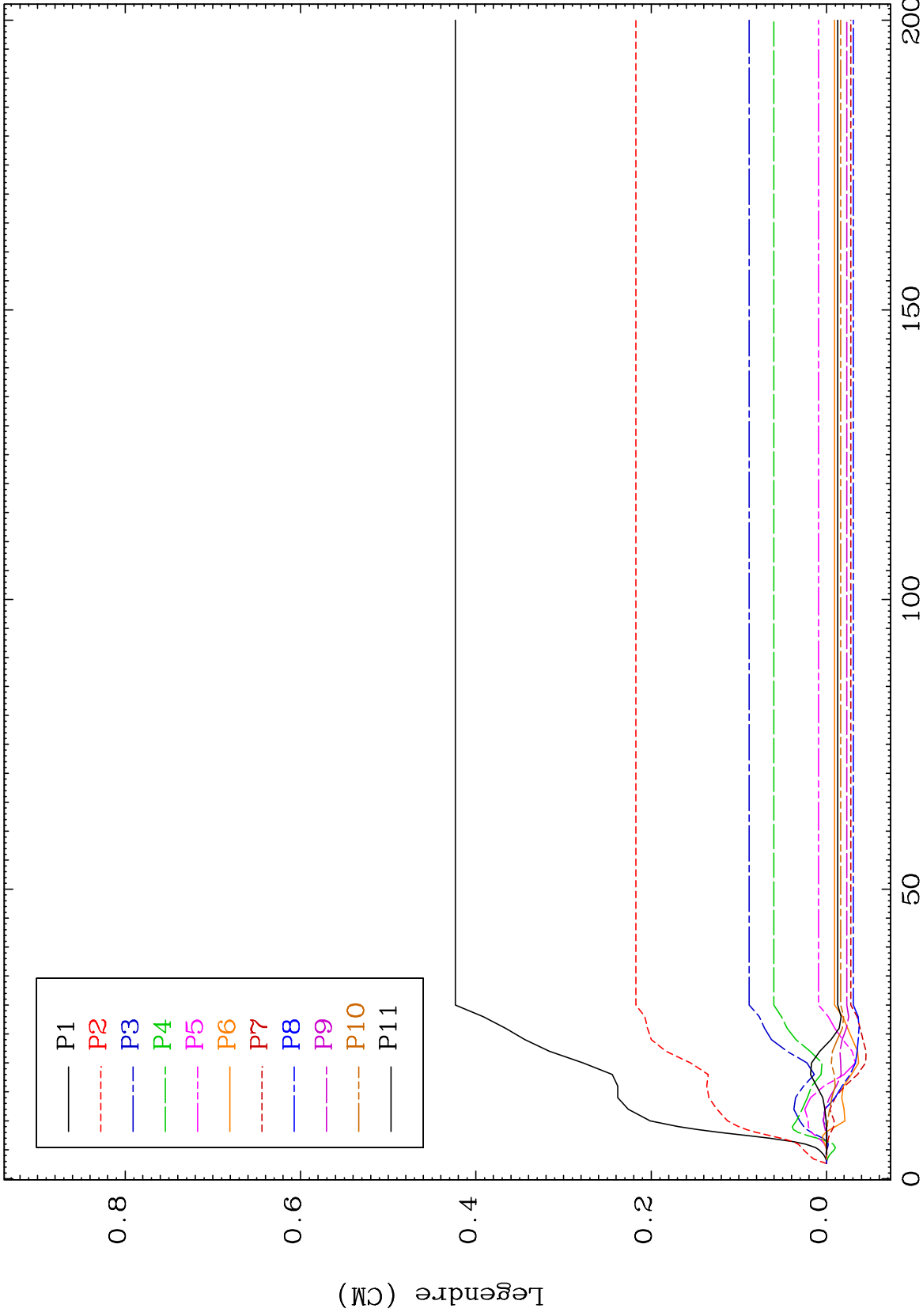
61

32-Ge-72

MAT 3231

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

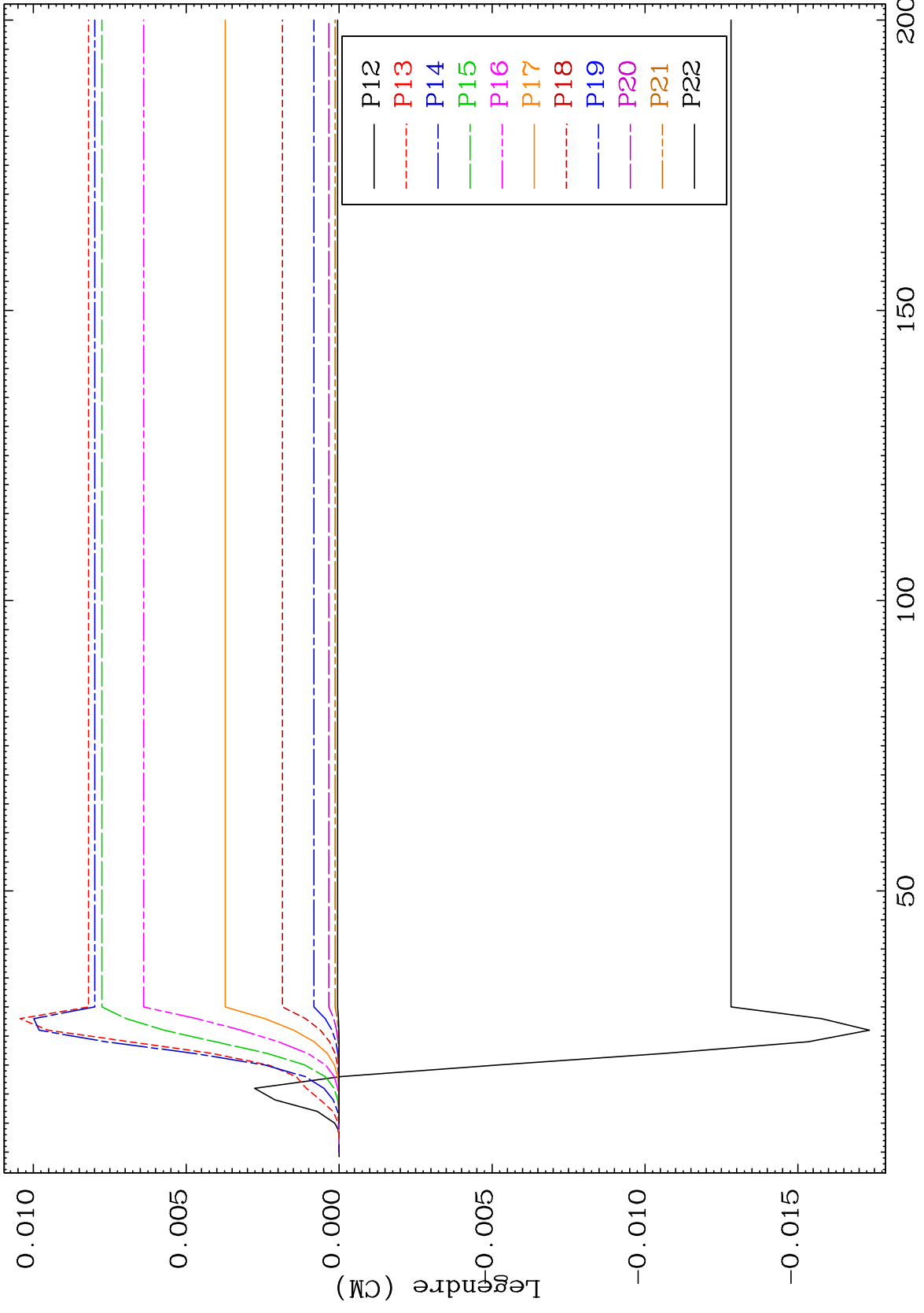
32-Ge-72



62

Incident Energy (MeV)

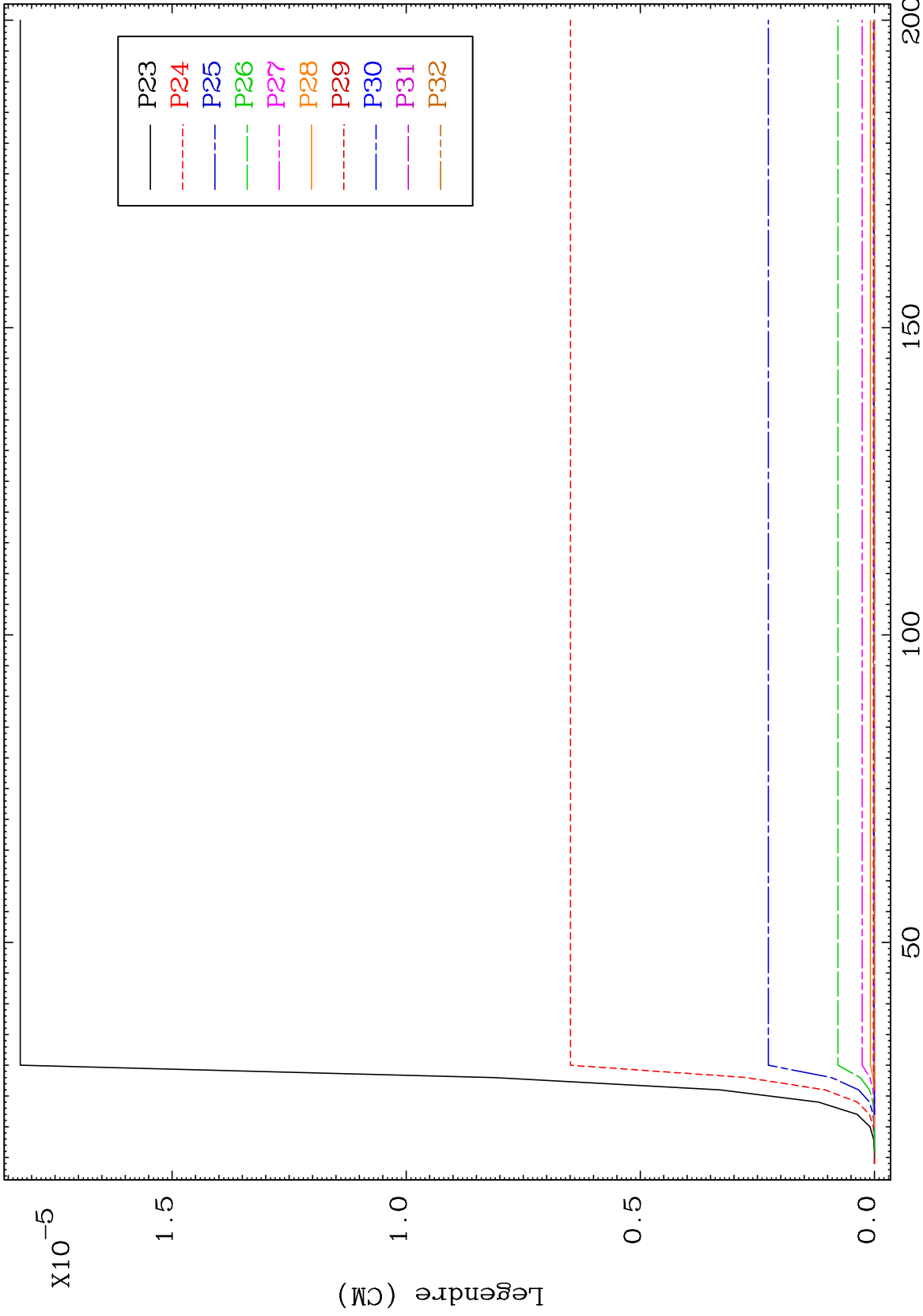
32-Ge-72



MAT 3231

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

32-Ge-72

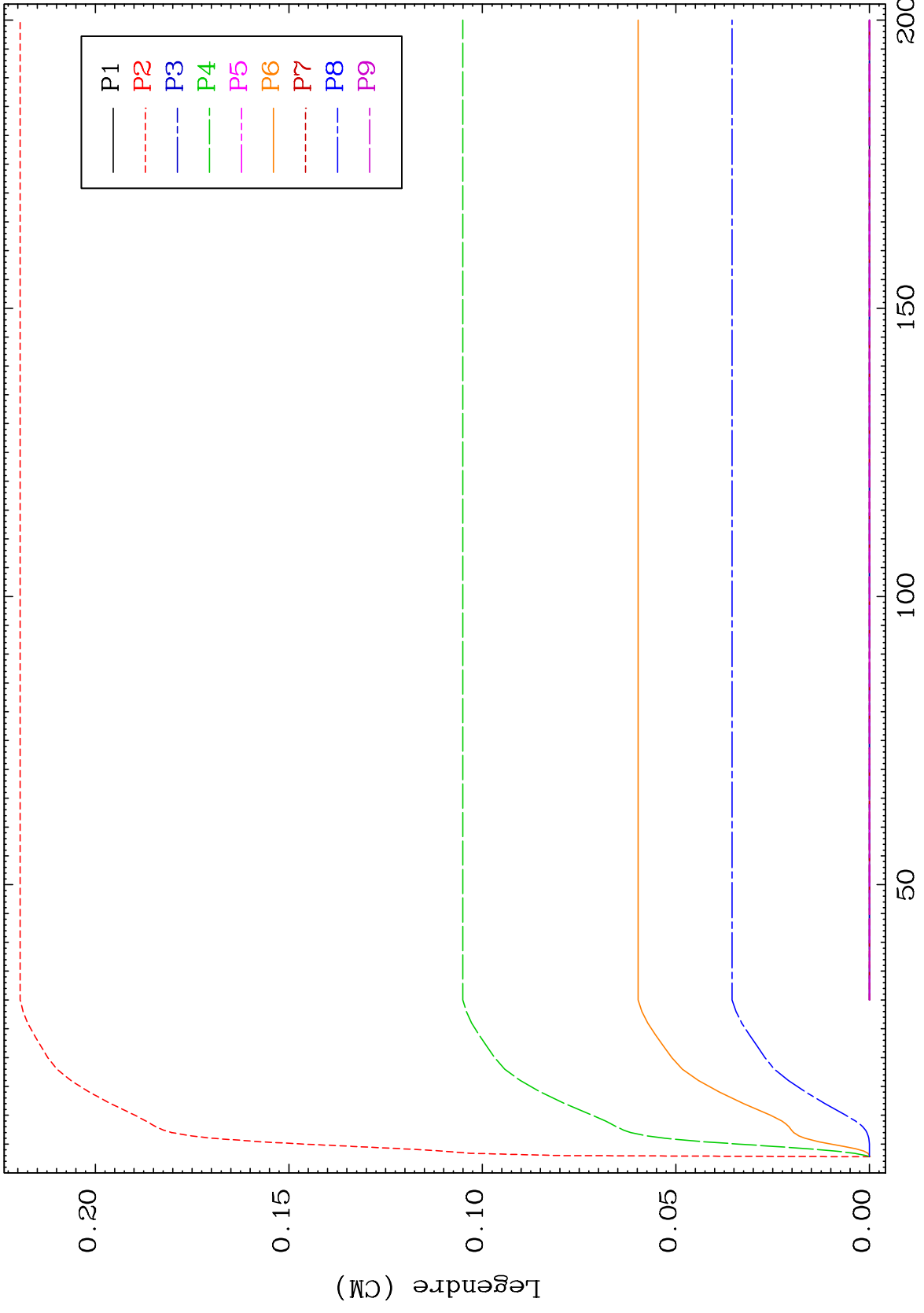


64

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 66 (n,n') Level Legendre Coefficients 32-Ge-72

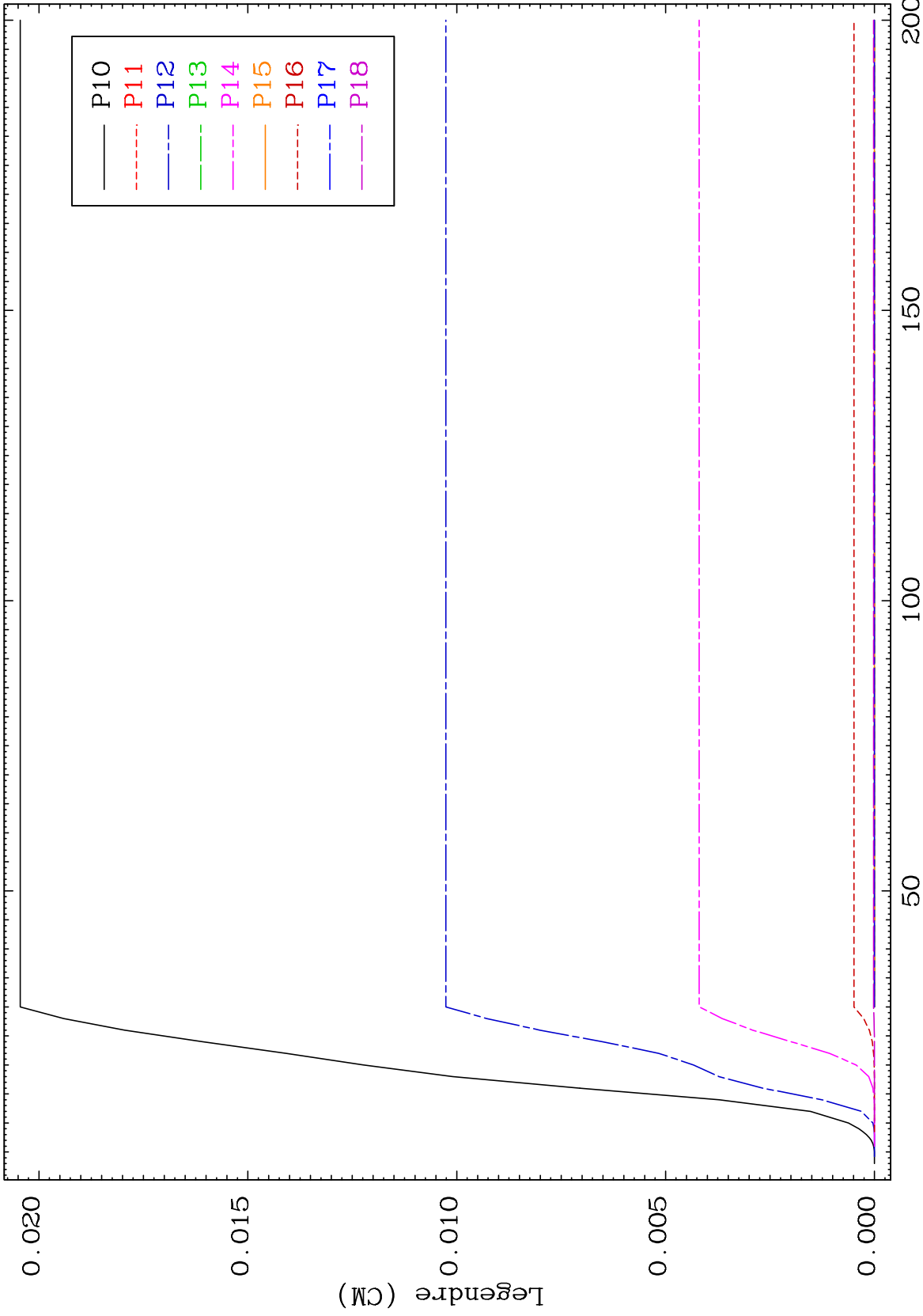


65 Incident Energy (MeV) 32-Ge-72

MAT 3231

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

32-Ge-72

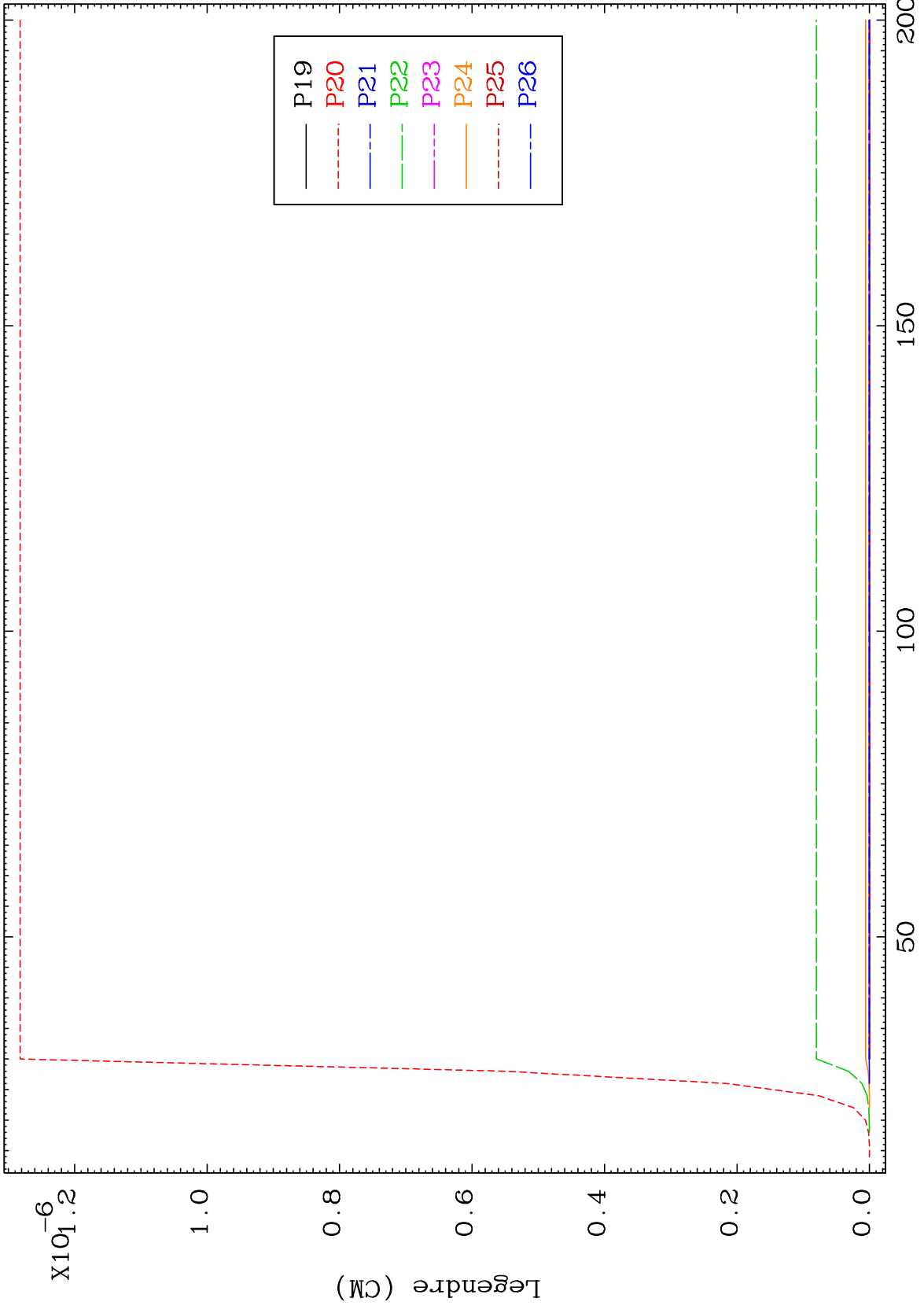


66

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 66 (n,n') Level Legendre Coefficients 32-Ge-72

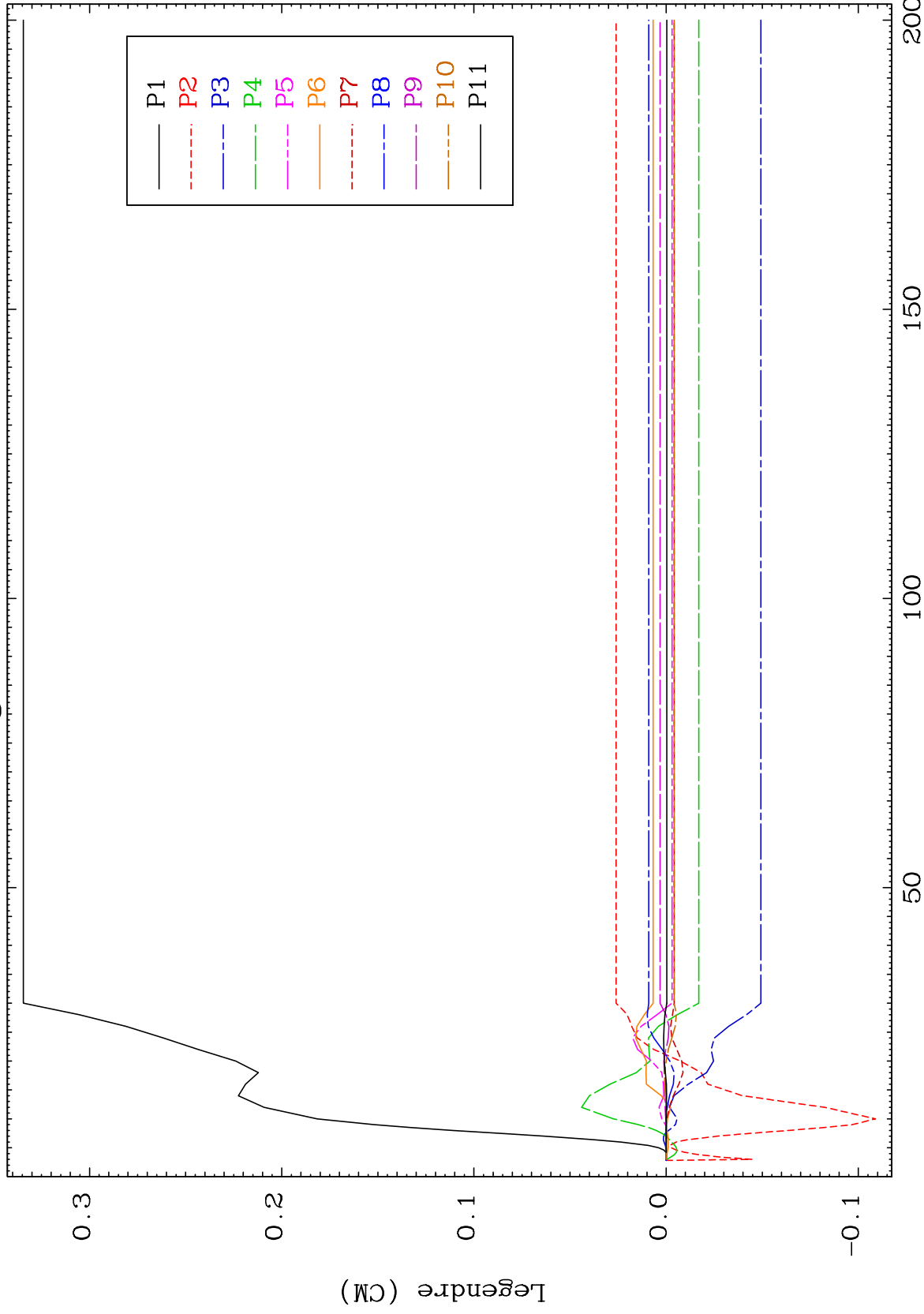


67 Incident Energy (MeV) 32-Ge-72

MAT 3231

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

32-Ge-72

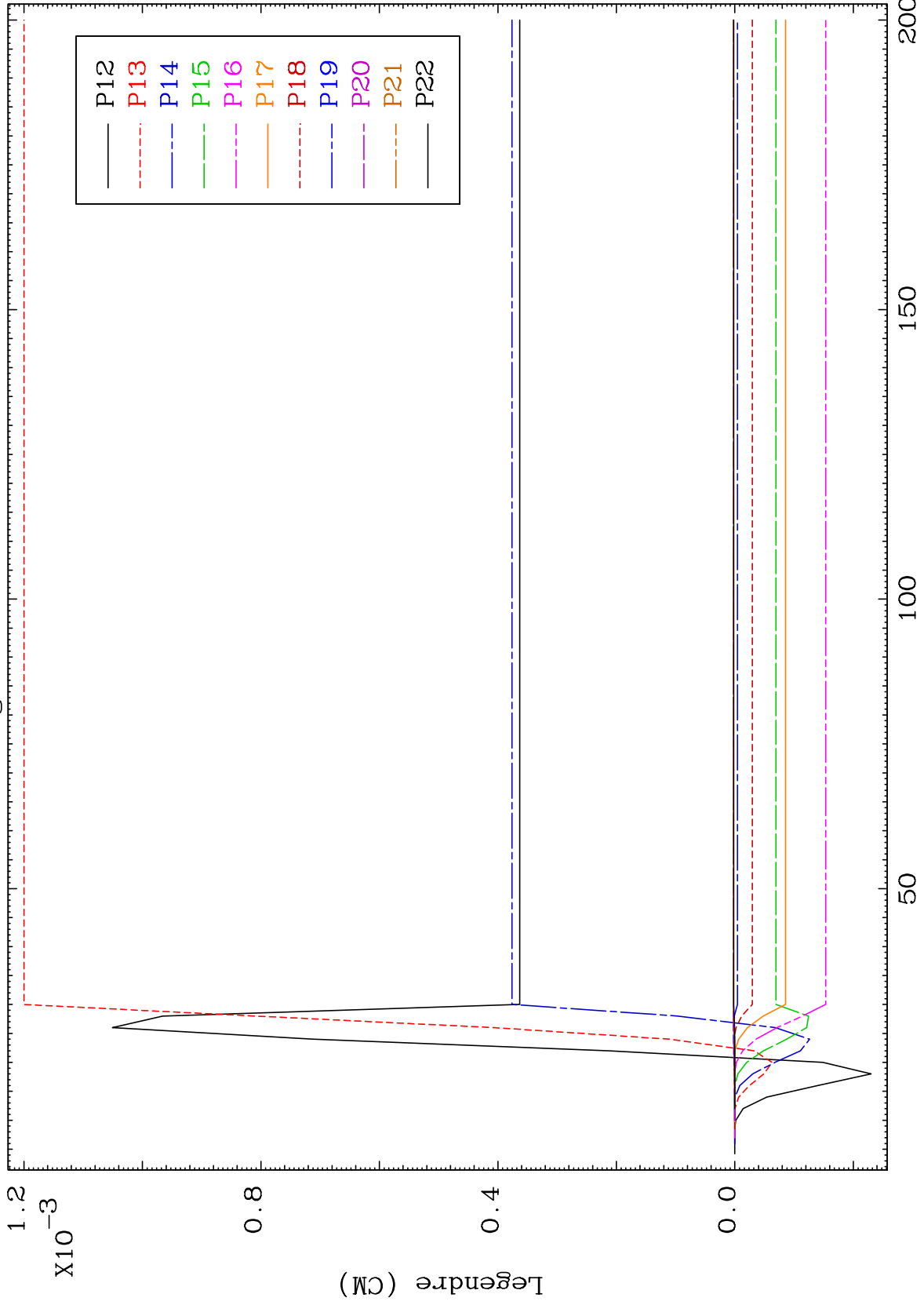


68

Incident Energy (MeV)

32-Ge-72

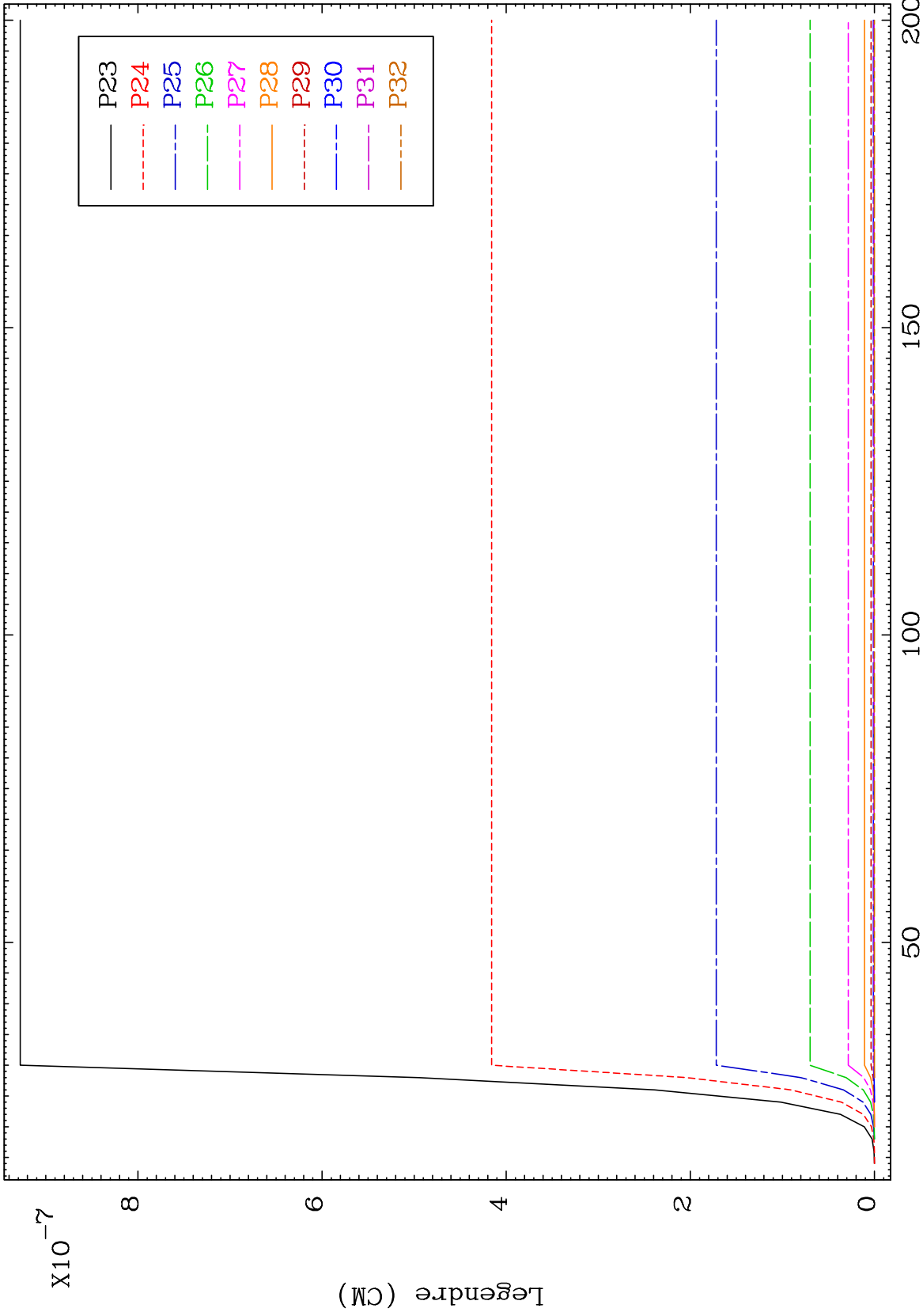
MAT 3231 MT= 67 (n,n') Level Legendre Coefficients 32-Ge-72



MAT 3231

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

32-Ge-72

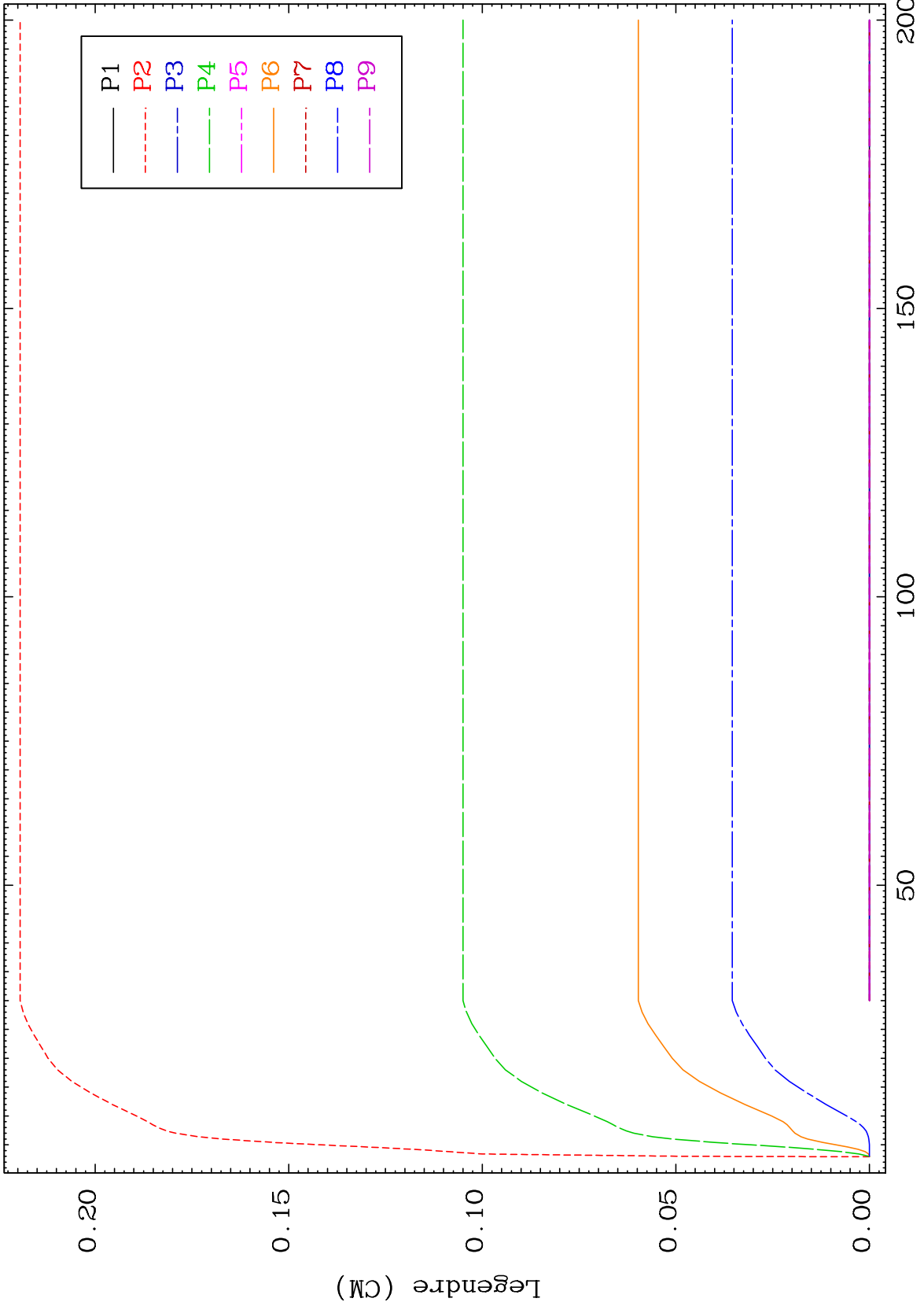


70

Incident Energy (MeV)

32-Ge-72

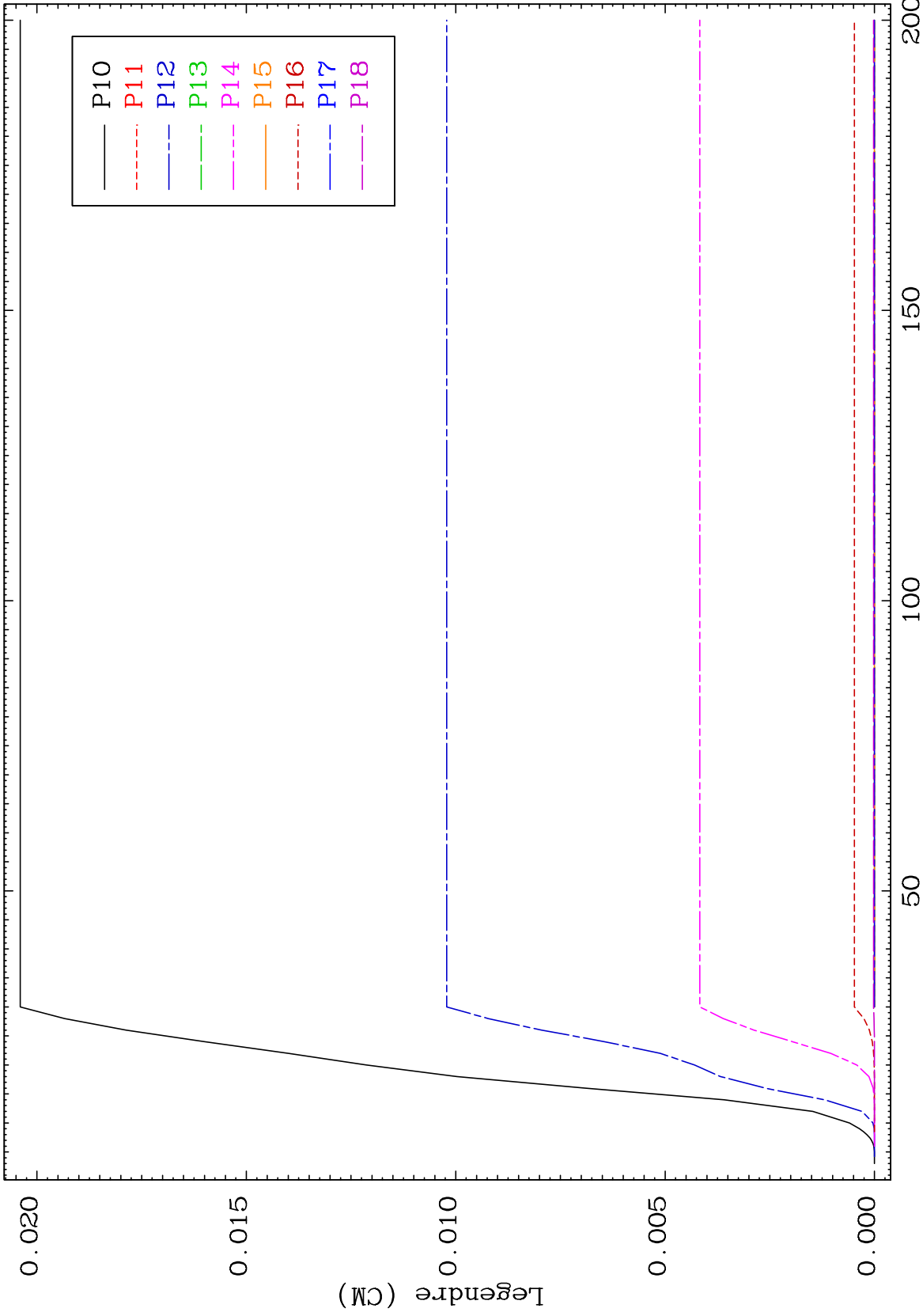
MAT 3231 MT= 68 (n,n') Level Legendre Coefficients 32-Ge-72



MAT 3231

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

32-Ge-72

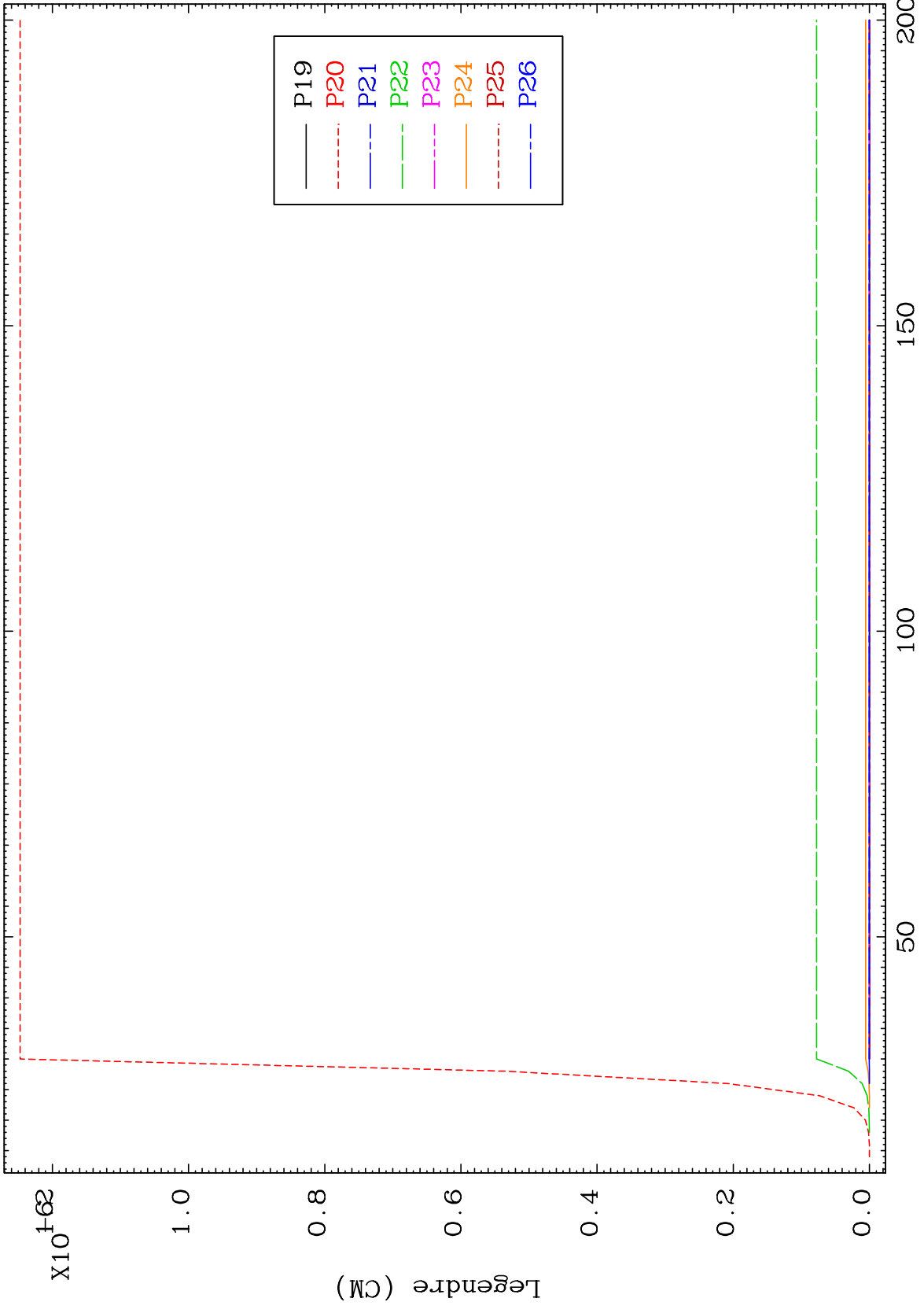


72

Incident Energy (MeV)

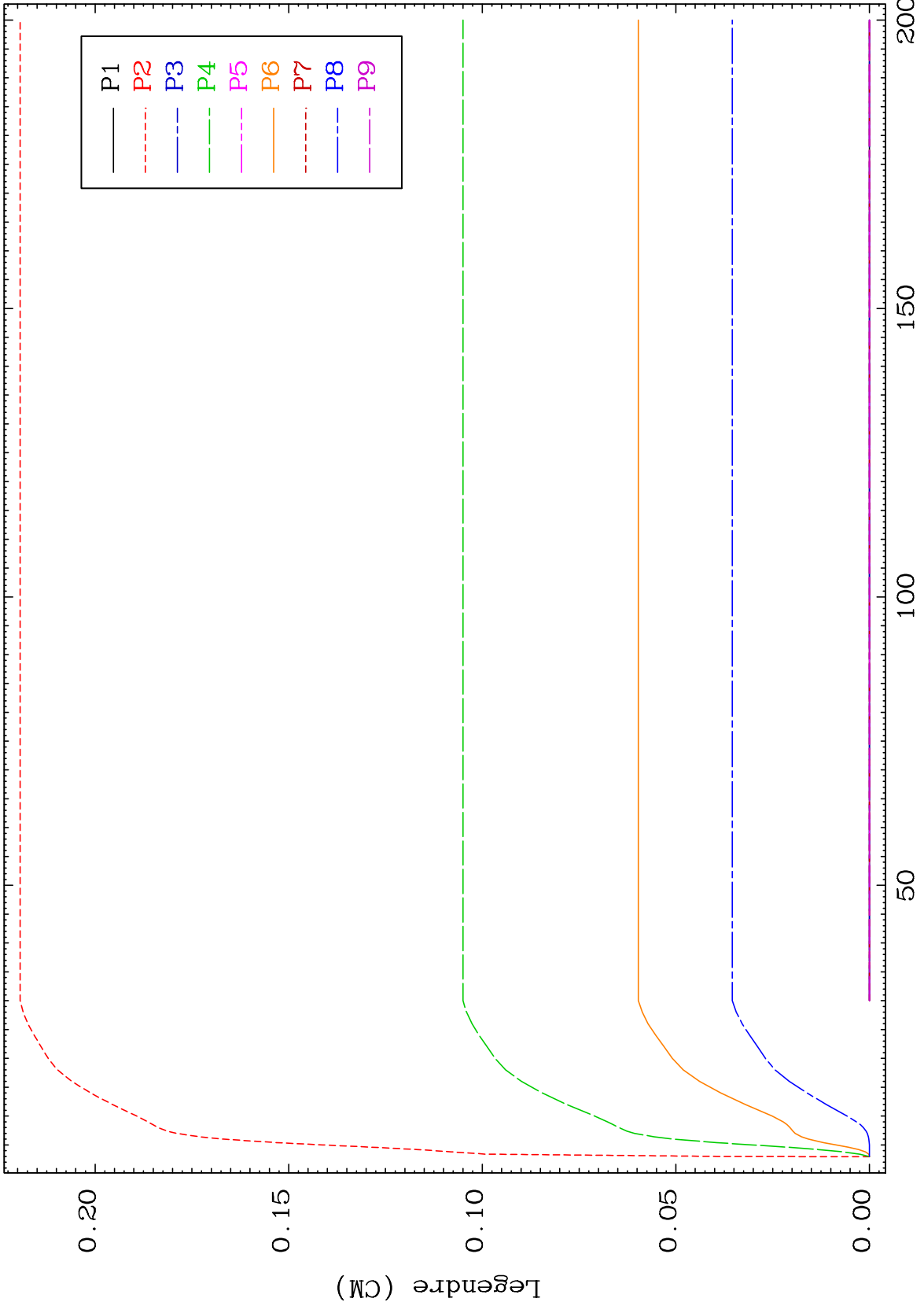
32-Ge-72

MAT 3231 MT= 68 (n,n') Level Legendre Coefficients 32-Ge-72



73 32-Ge-72

MAT 3231 MT= 69 (n,n') Level Legendre Coefficients 32-Ge-72

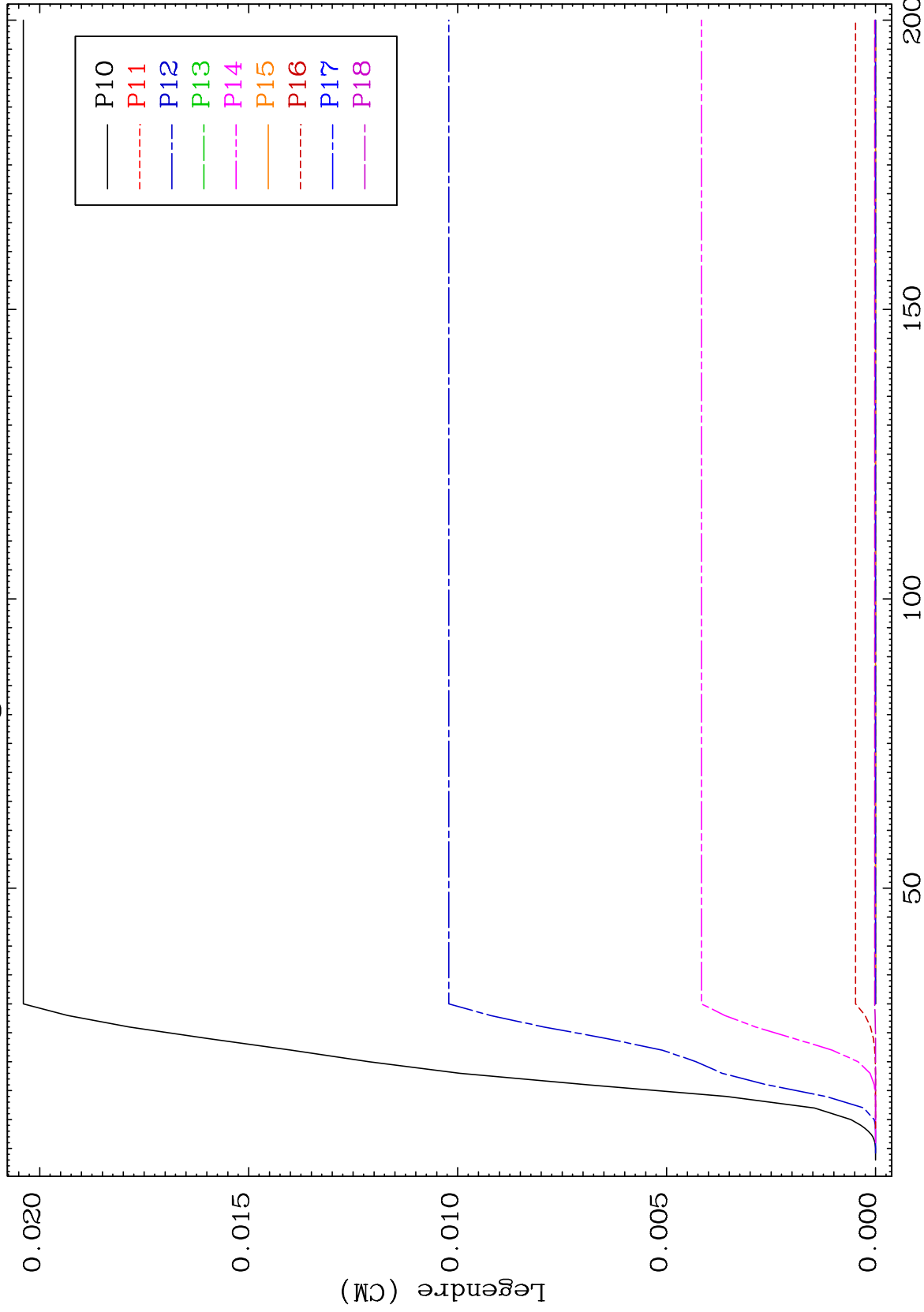


74 Incident Energy (MeV) 32-Ge-72

MAT 3231

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

32-Ge-72

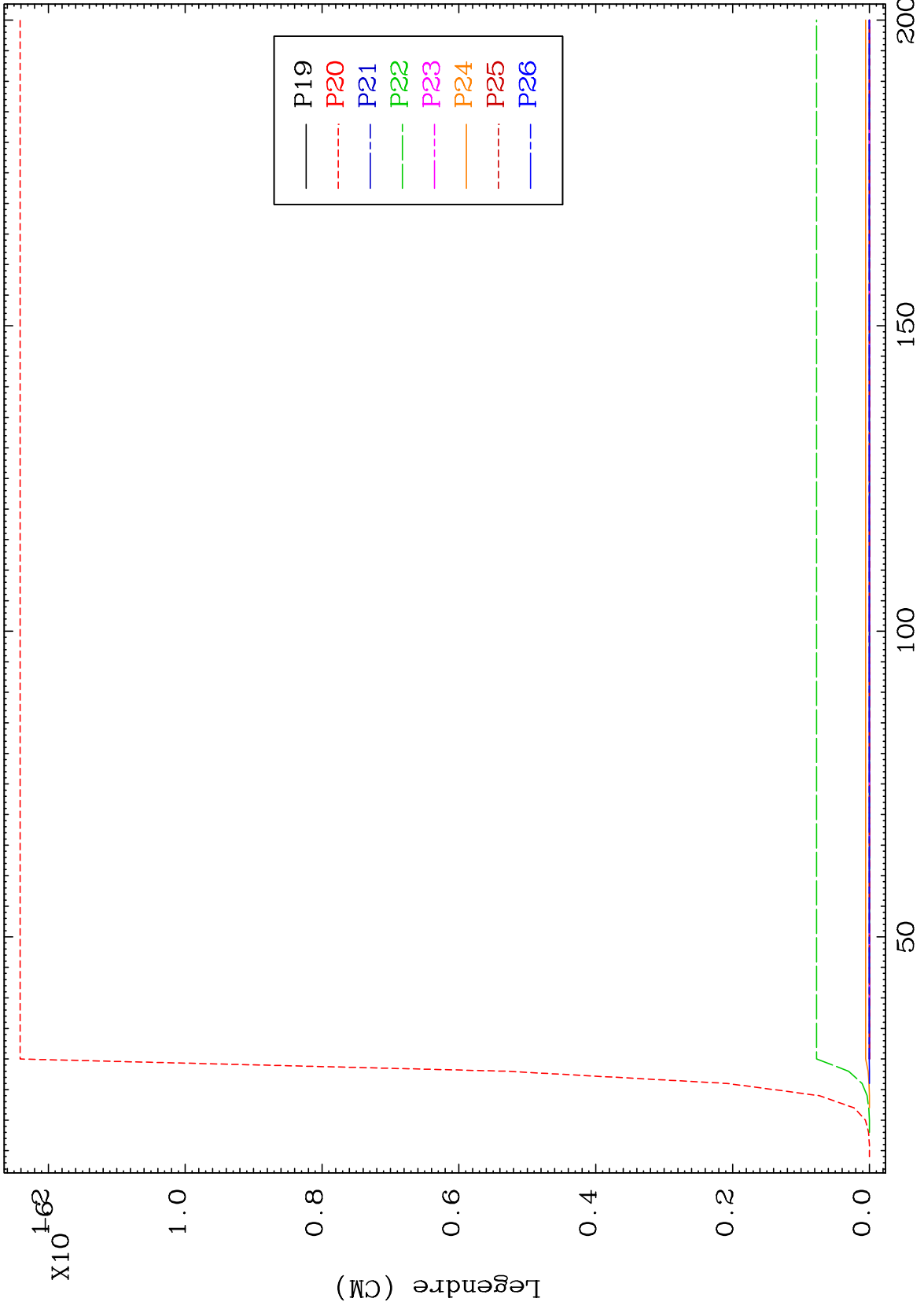


75

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 69 (n,n') Level Legendre Coefficients 32-Ge-72

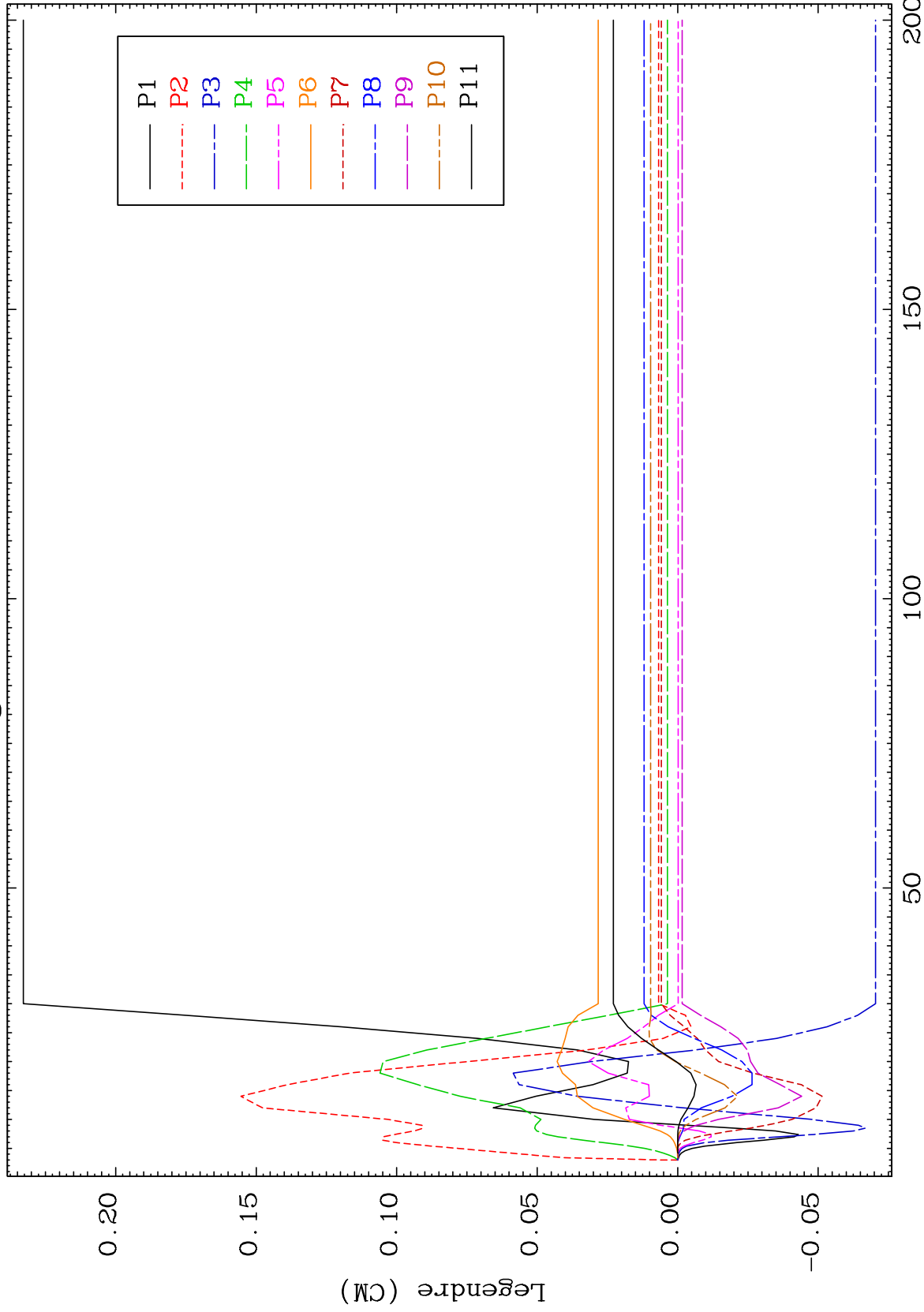


76 50 100 150 200 32-Ge-72

MAT 3231

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

32-Ge-72



77

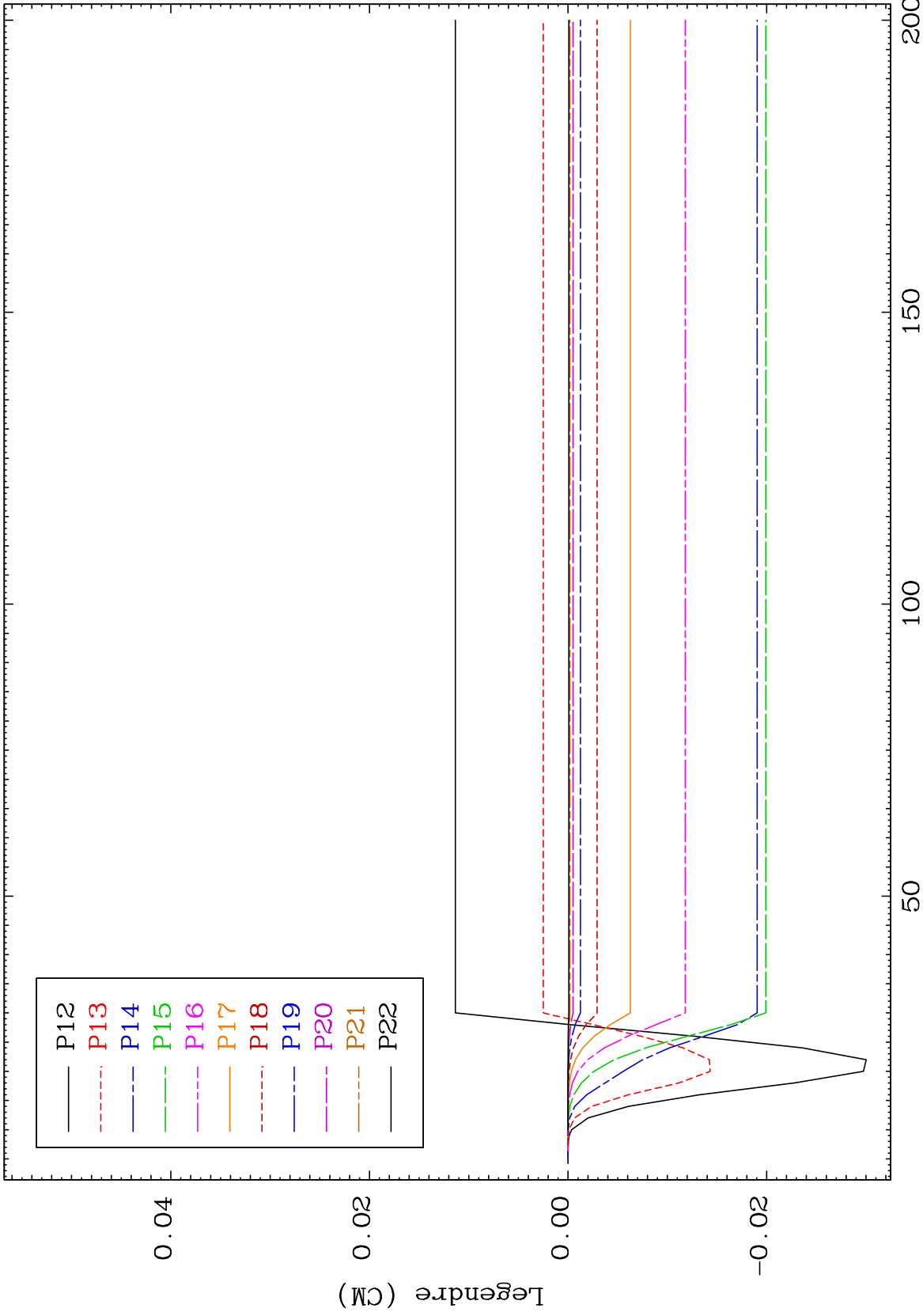
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



78

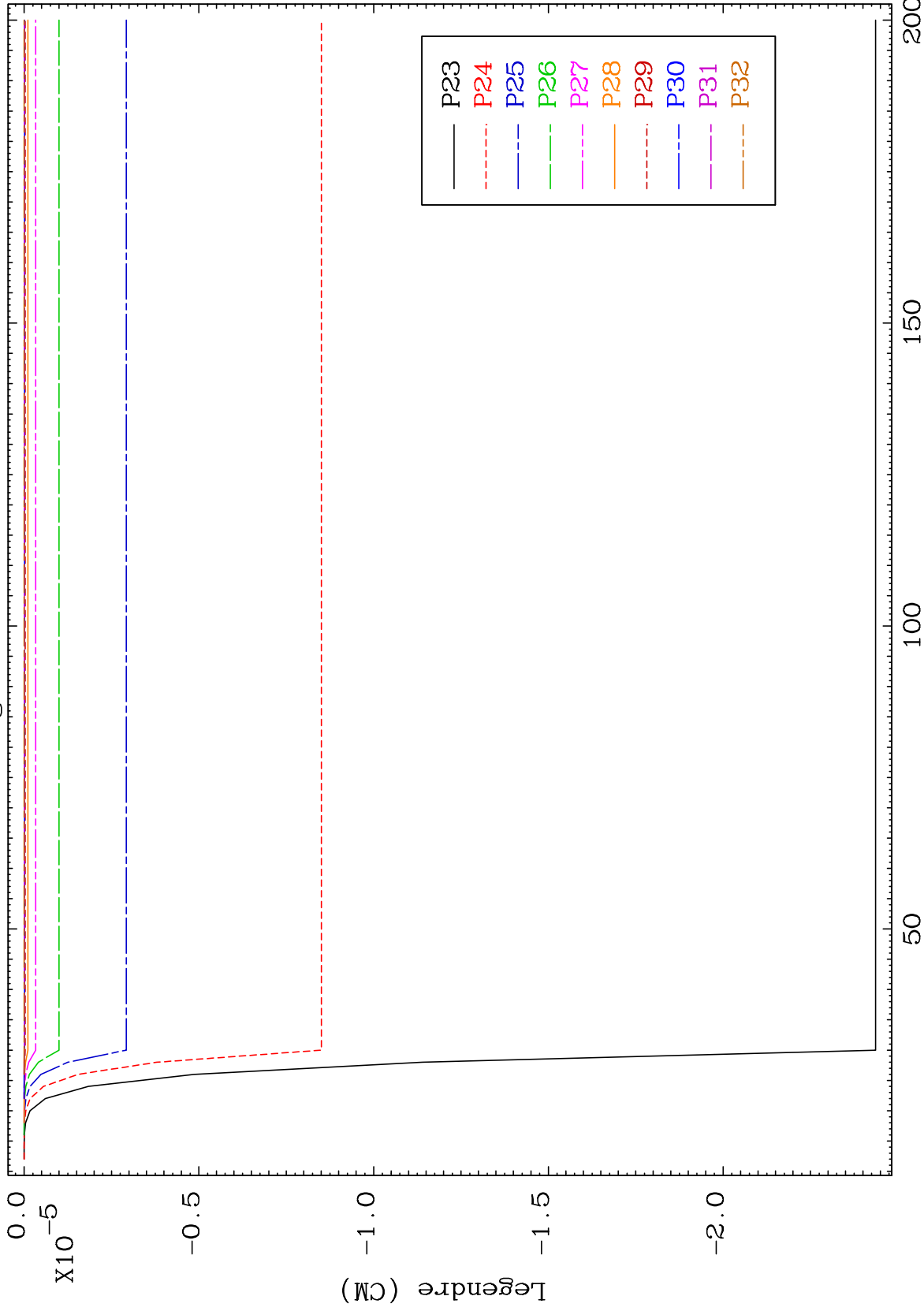
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



79

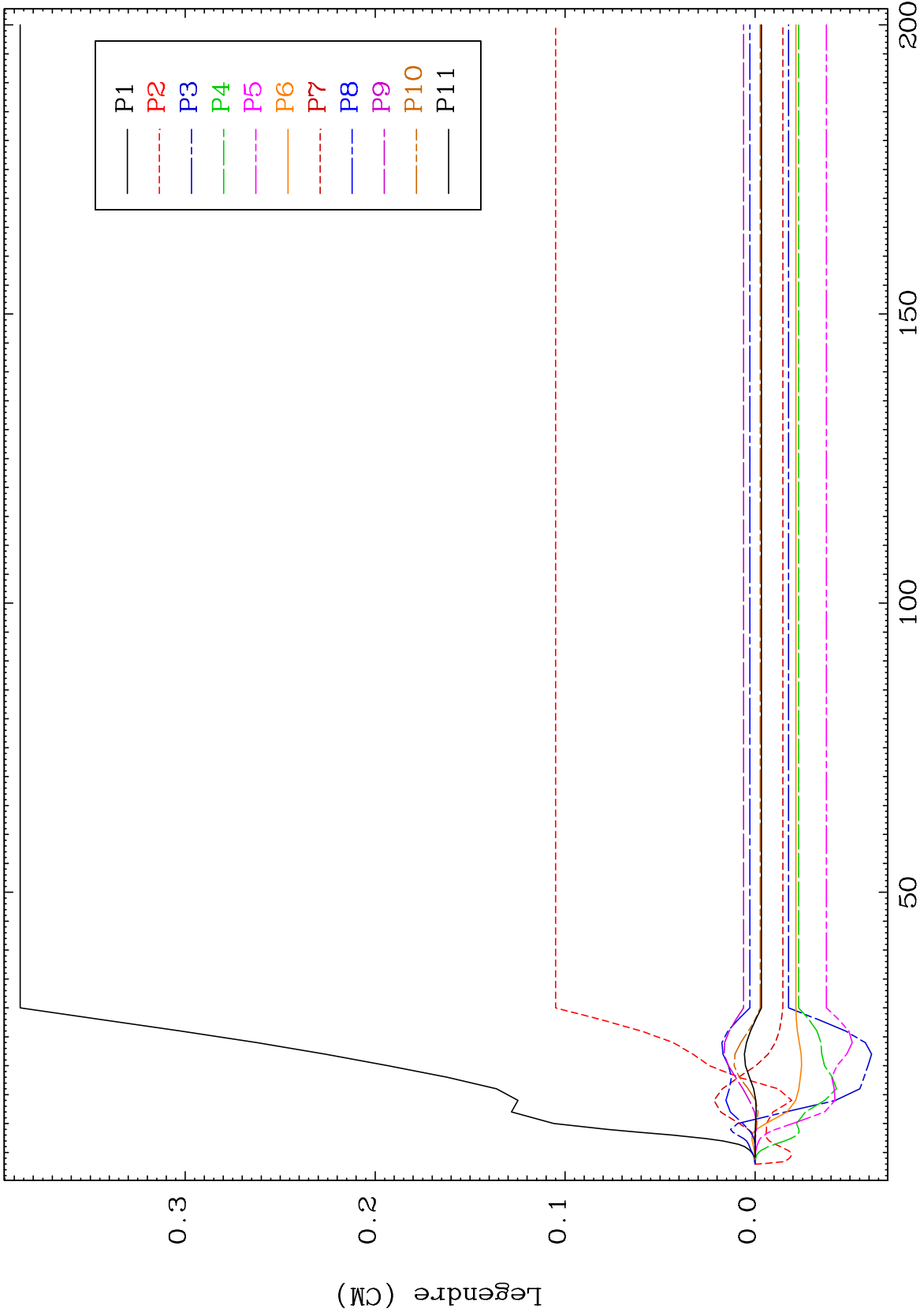
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



80

Incident Energy (MeV)

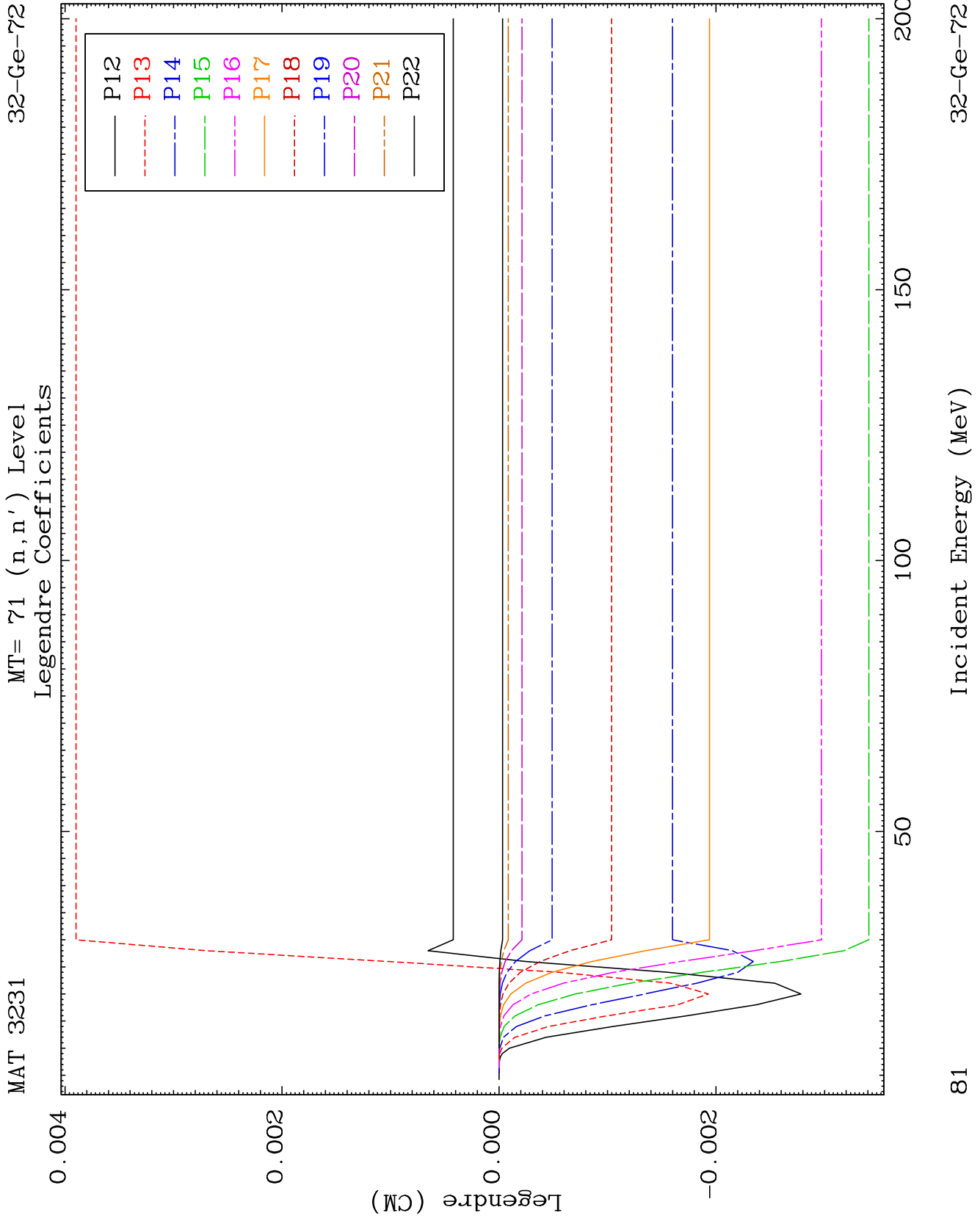
50

100

150

200

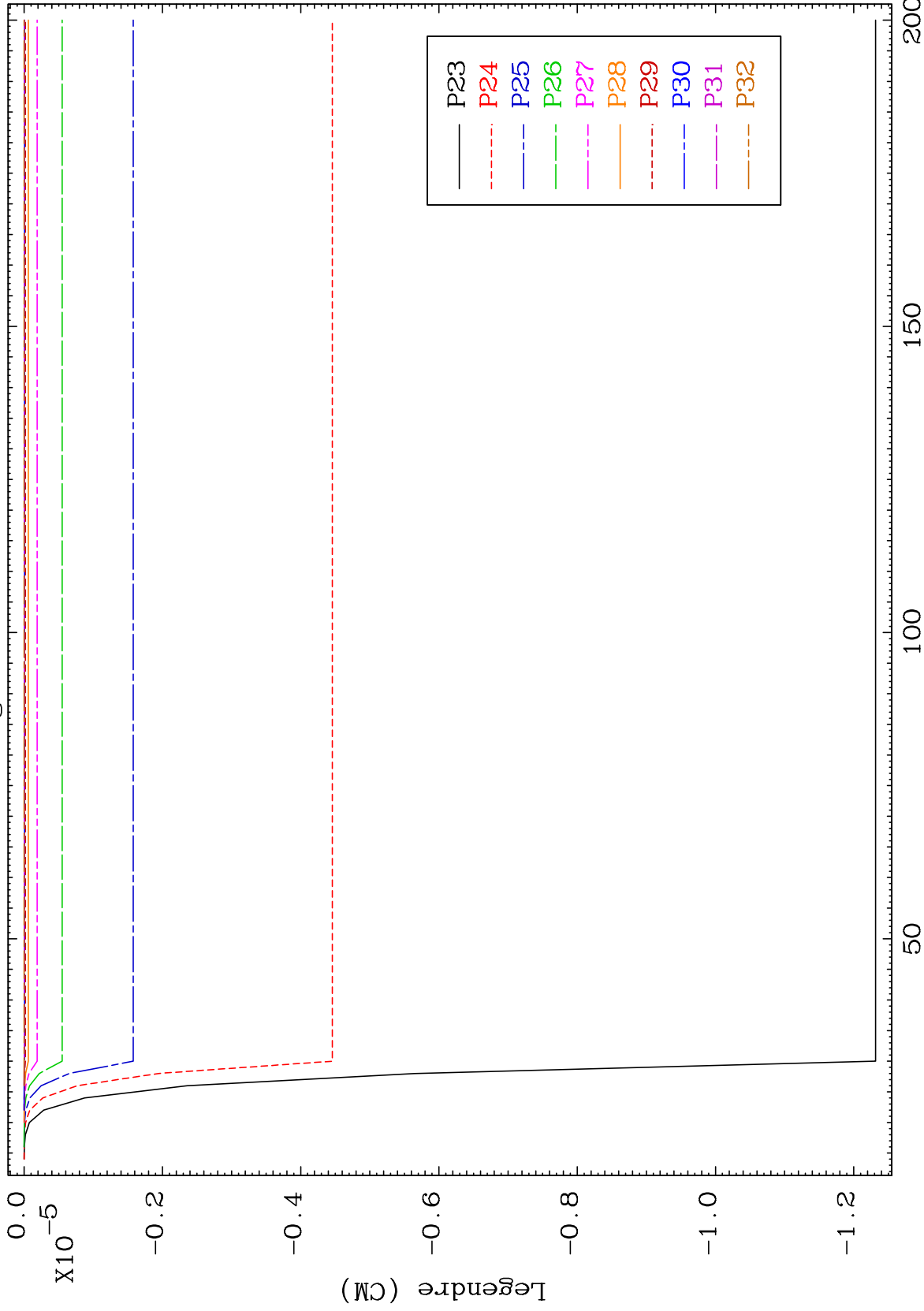
32-Ge-72



MAT 3231

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

32-Ge-72



82

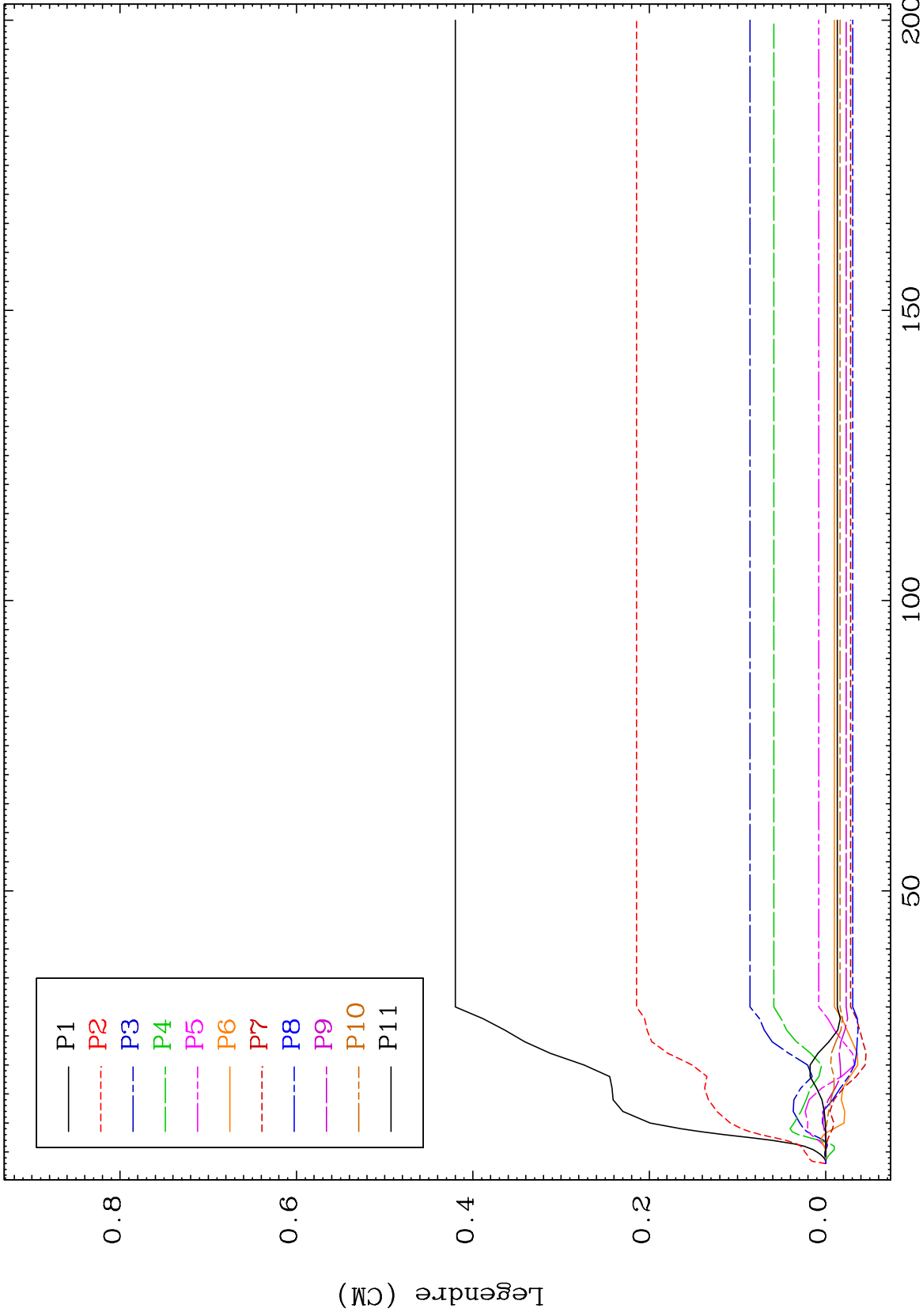
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

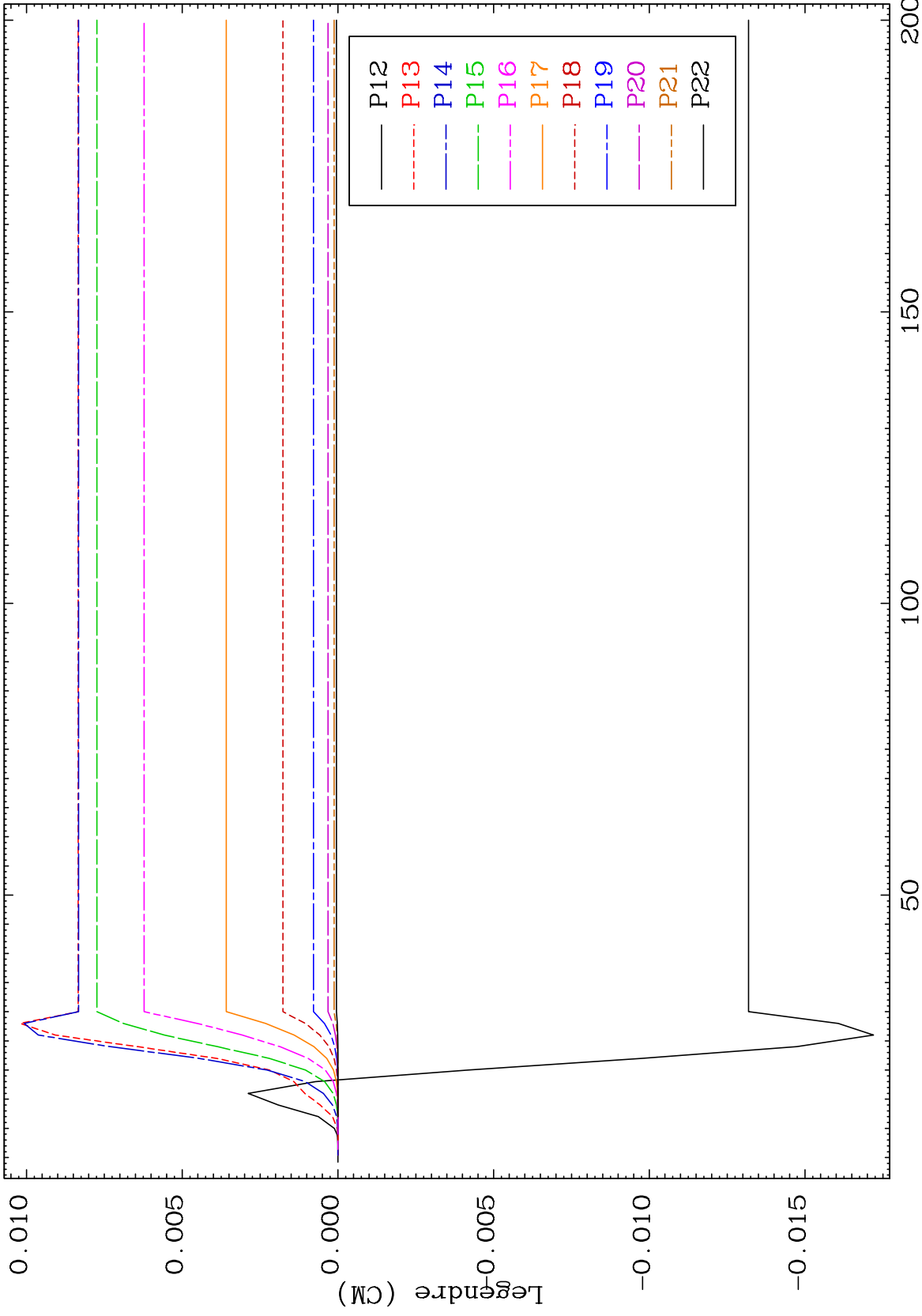
32-Ge-72



MAT 3231

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

32-Ge-72



84

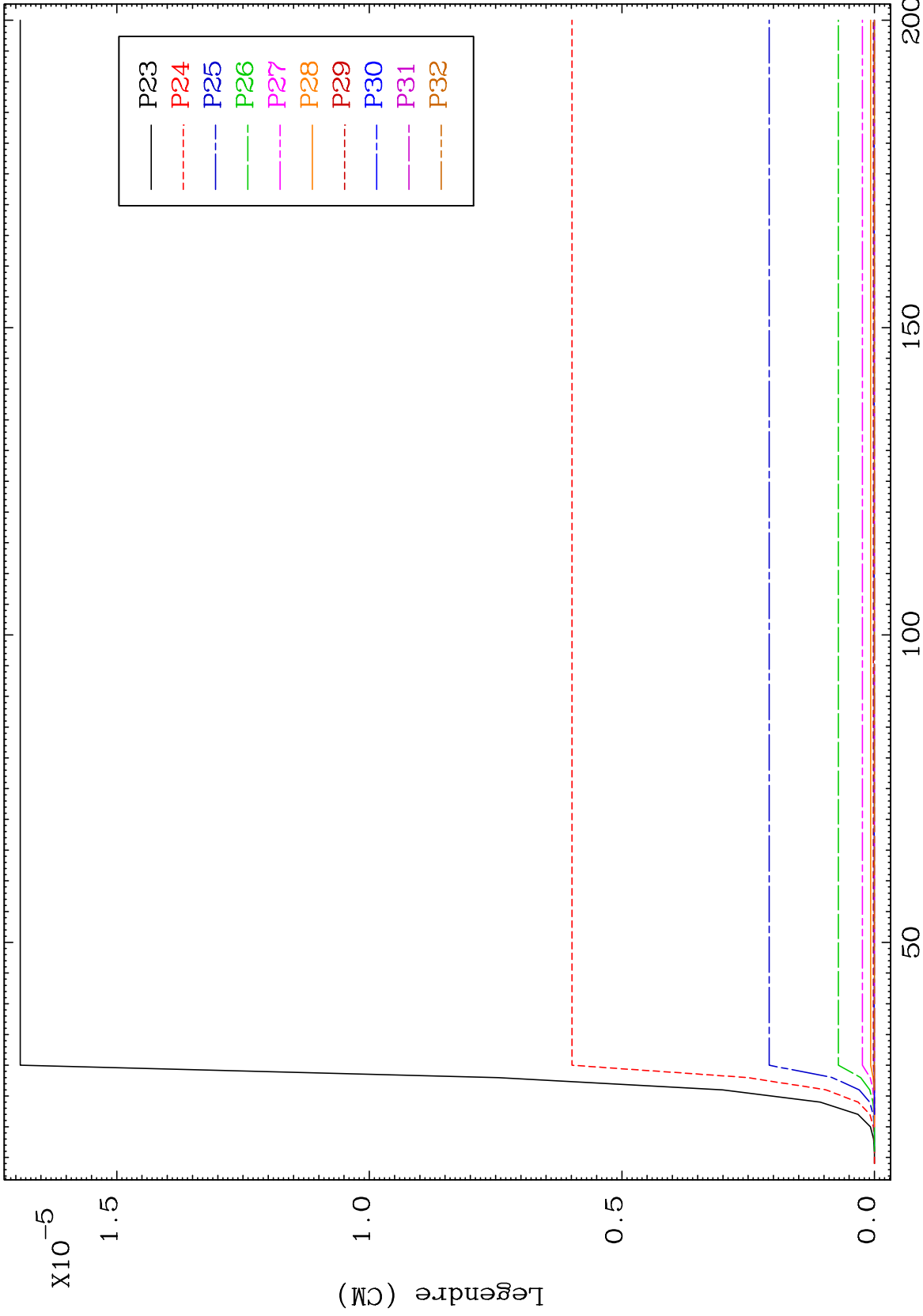
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



85

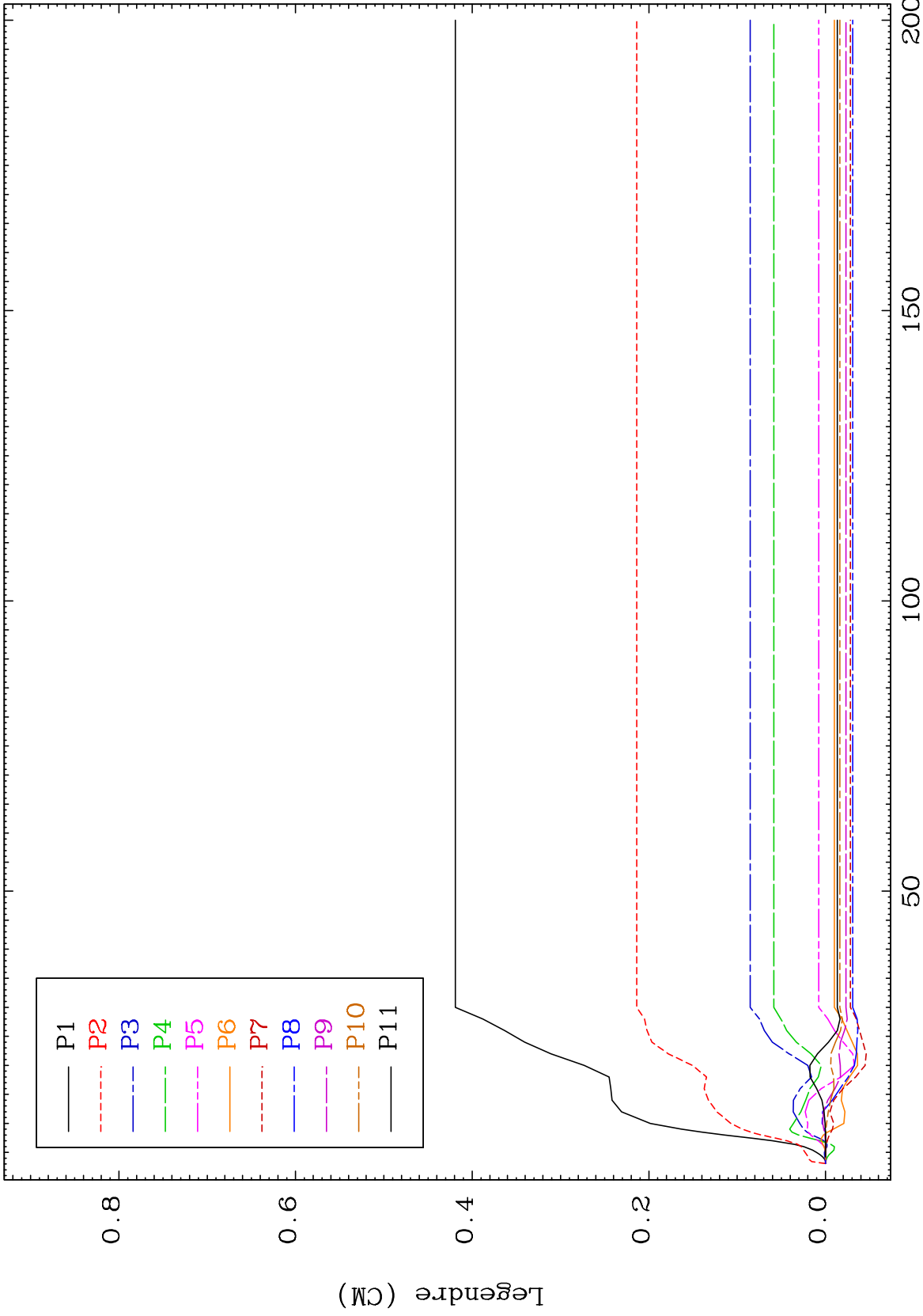
Incident Energy (MeV)

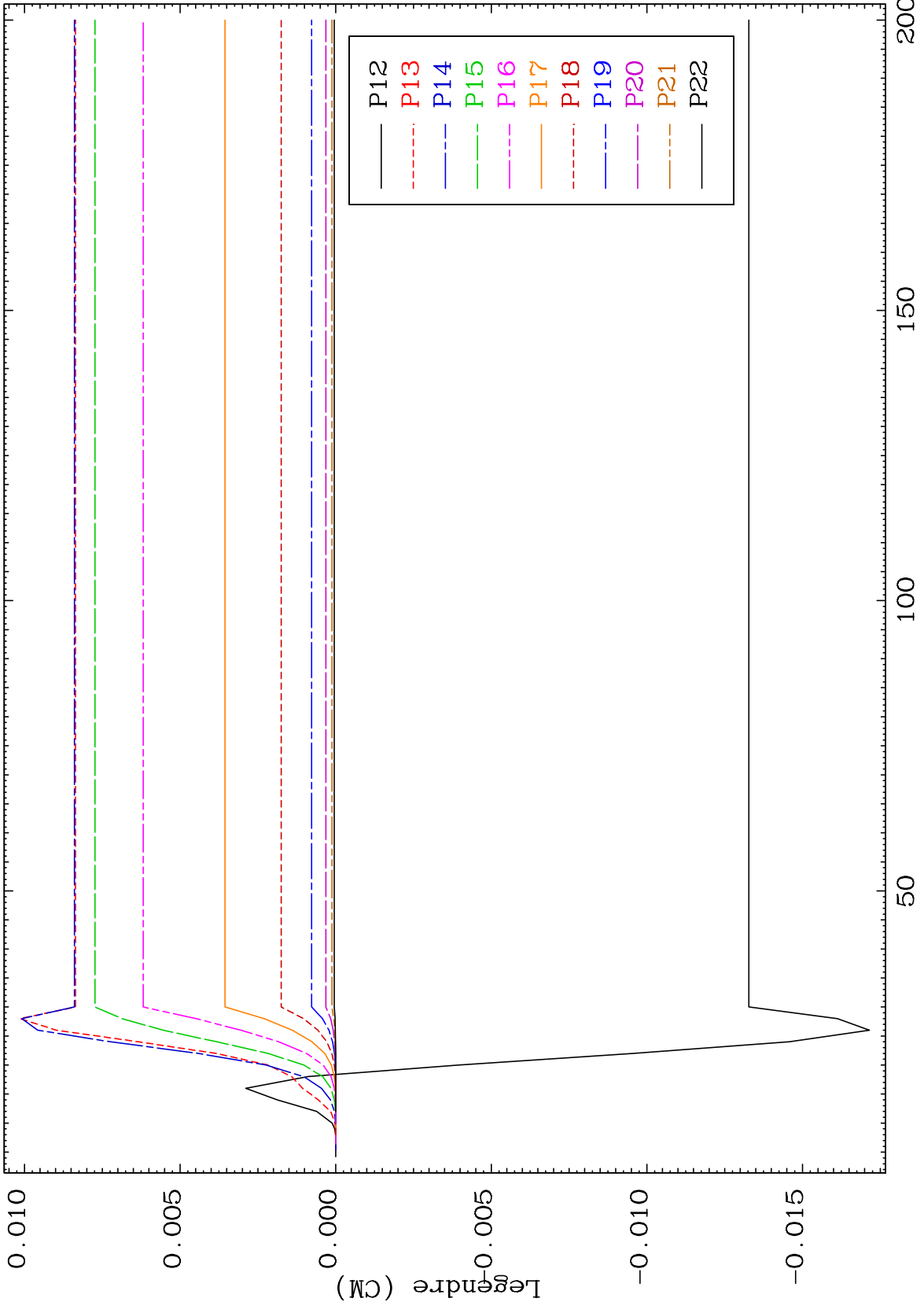
32-Ge-72

MAT 3231

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

32-Ge-72

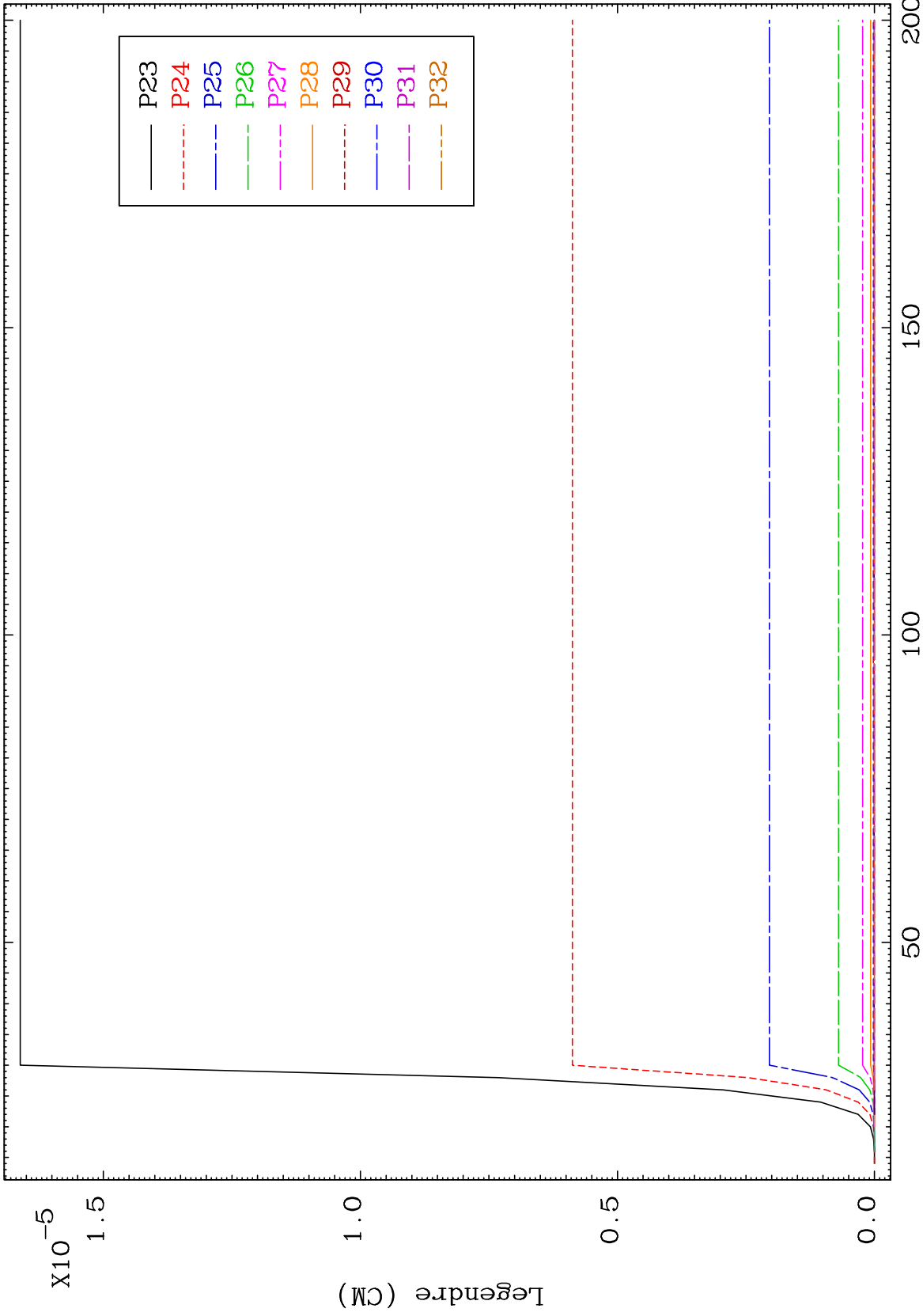




MAT 3231

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

32-Ge-72

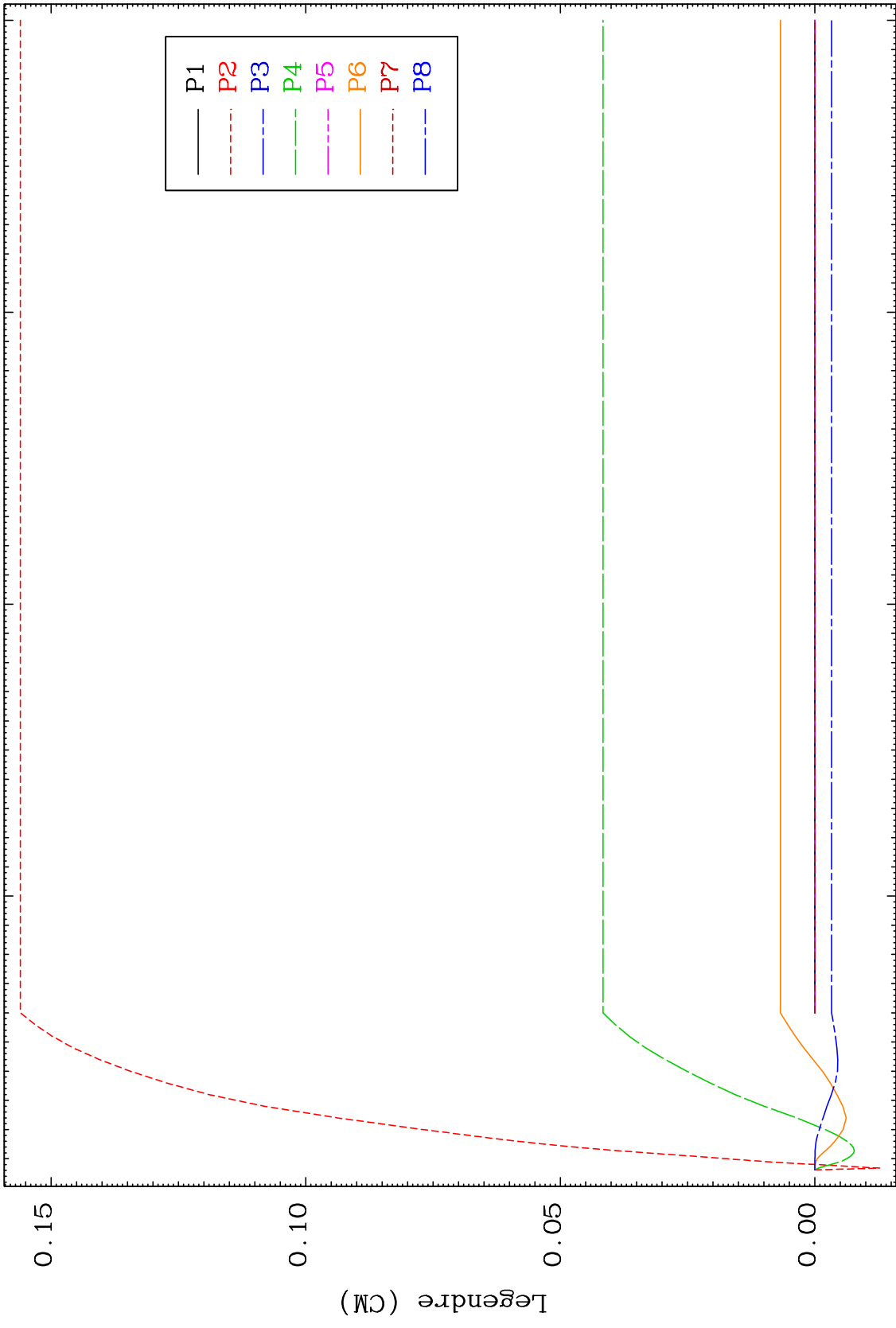


88

Incident Energy (MeV)

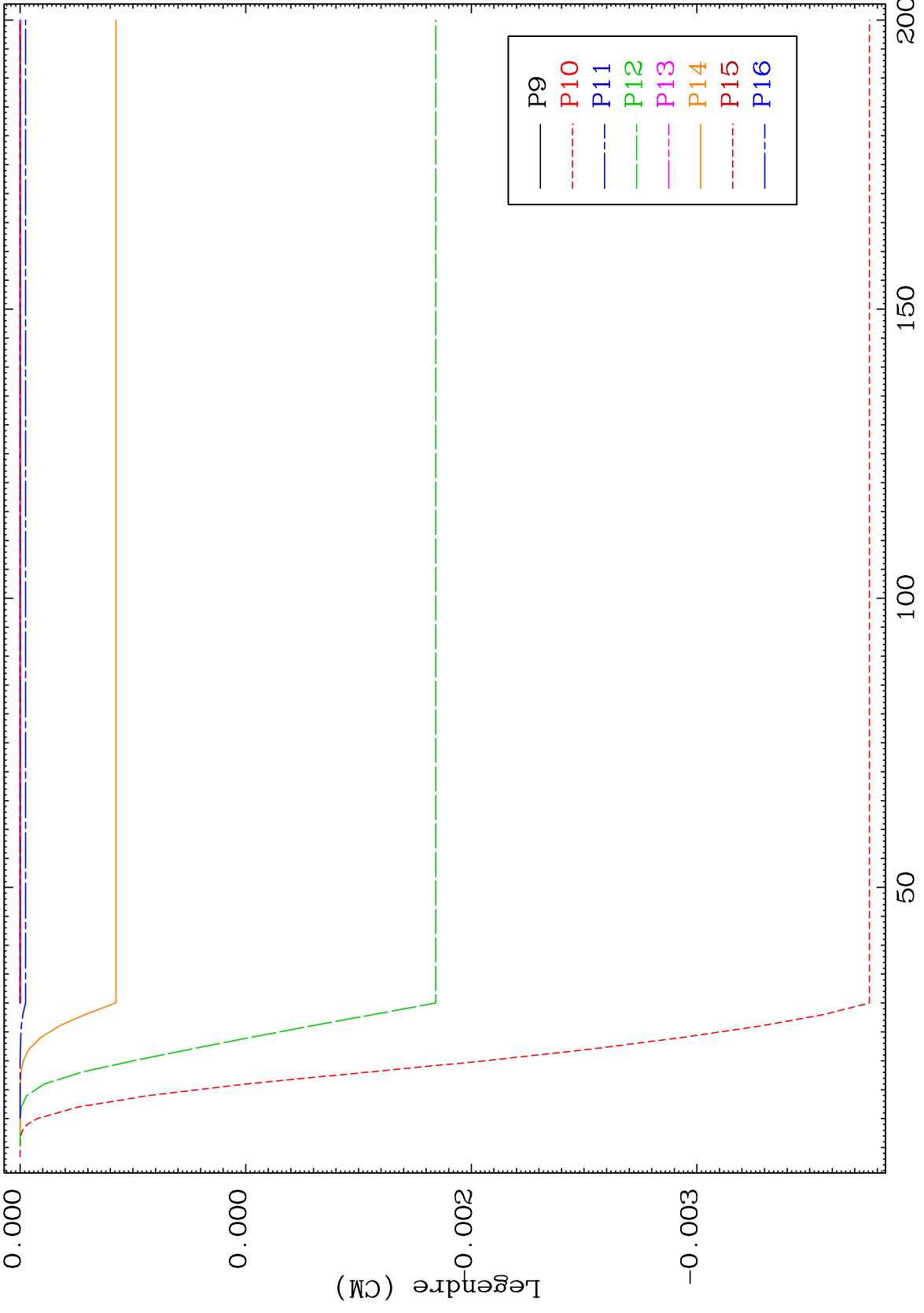
32-Ge-72

MAT 3231 MT= 74 (n,n') Level Legendre Coefficients 32-Ge-72



89 32-Ge-72

MAT 3231 MT= 74 (n,n') Level Legendre Coefficients 32-Ge-72

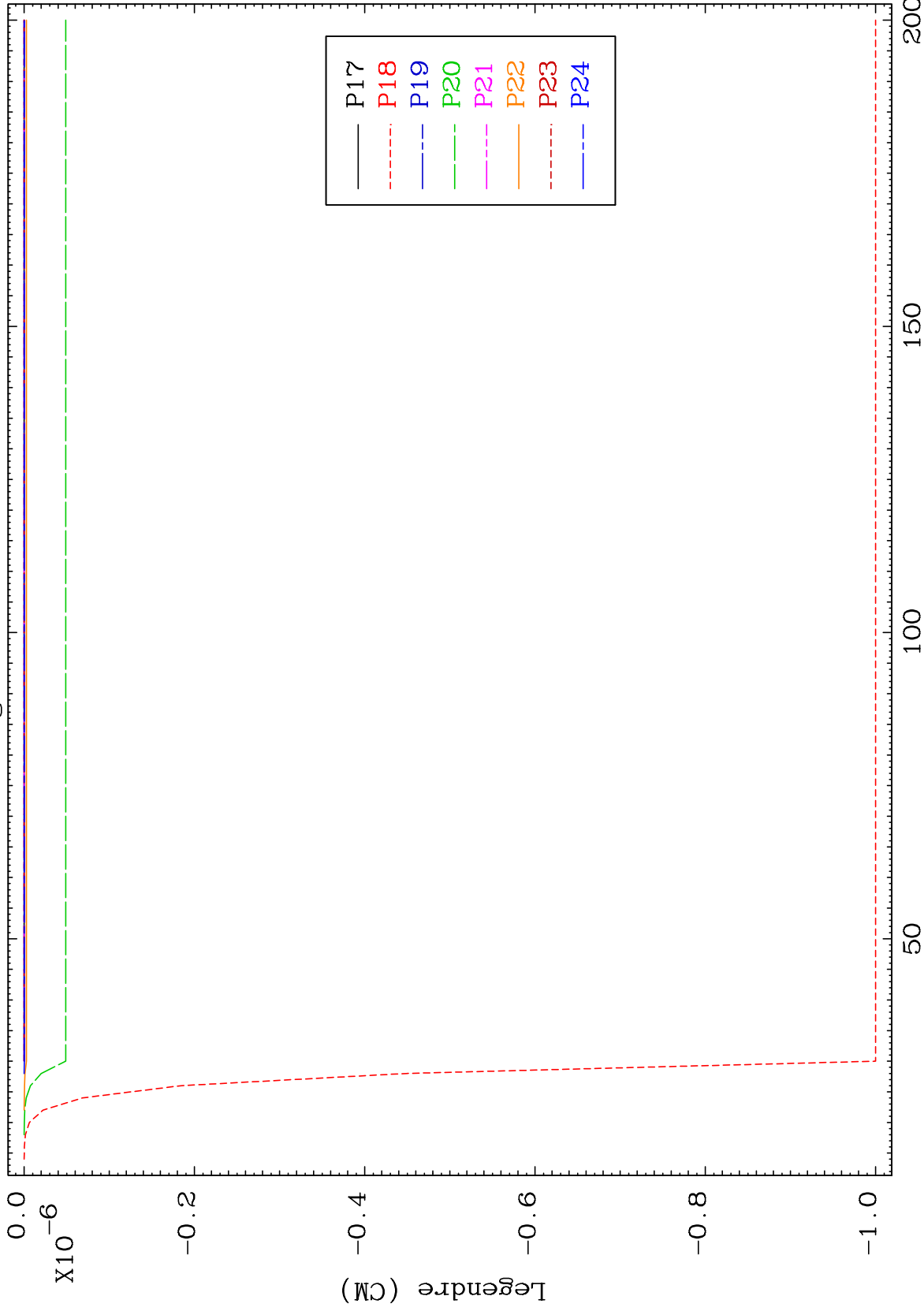


90 Incident Energy (MeV) 32-Ge-72

MAT 3231

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

32-Ge-72



32-Ge-72

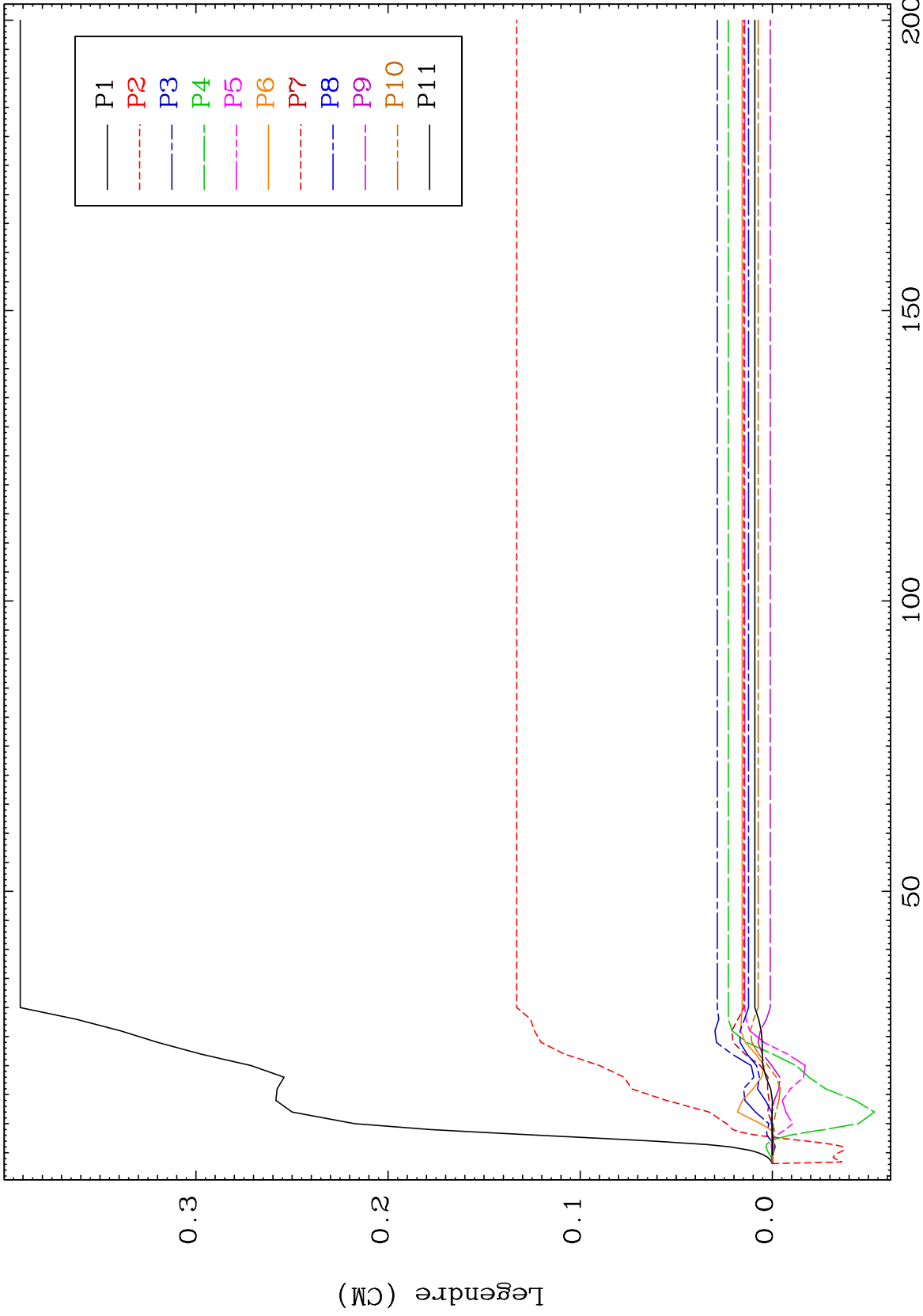
Incident Energy (MeV)

91

MAT 3231

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

32-Ge-72



92

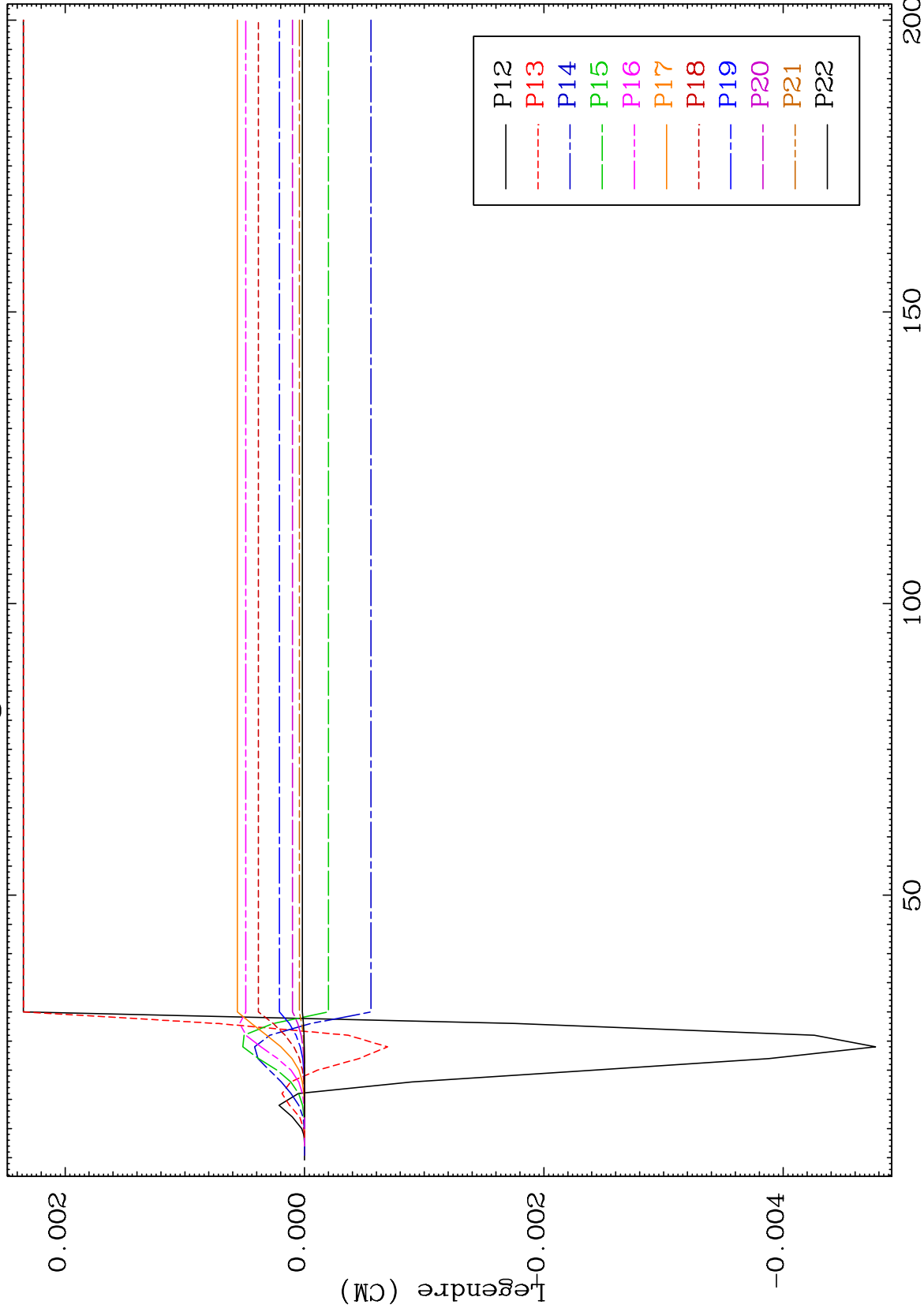
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



93

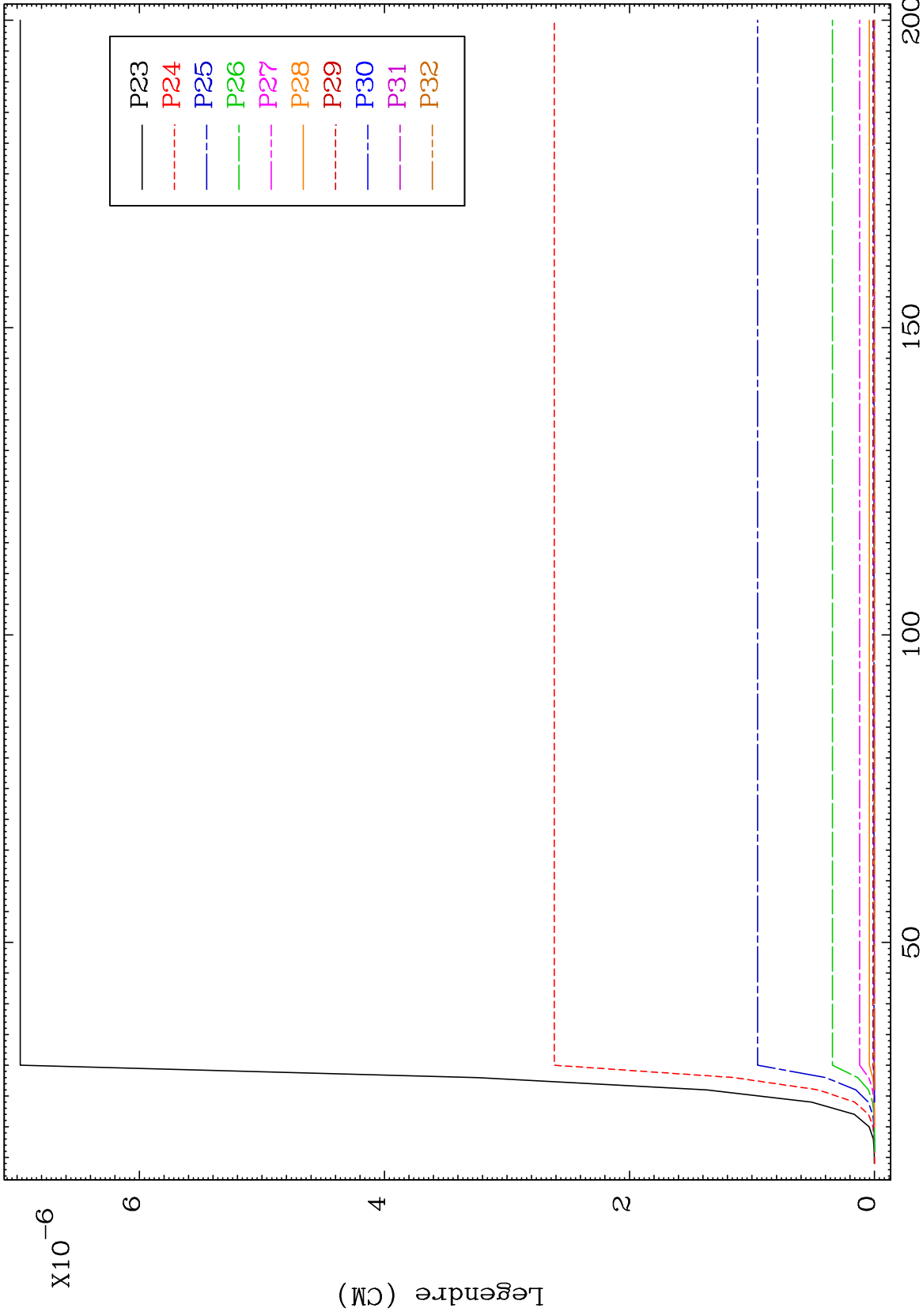
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



94

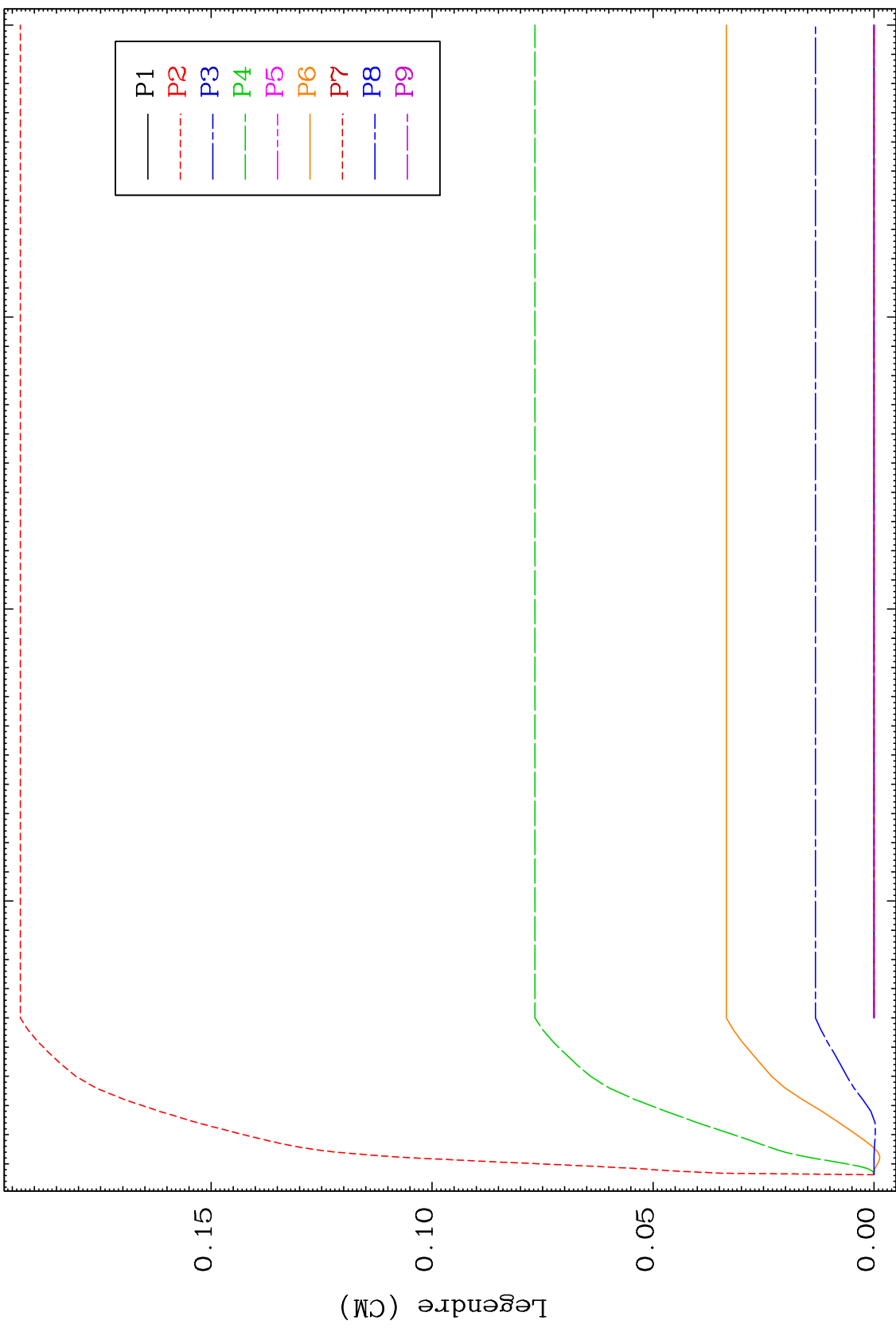
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



95

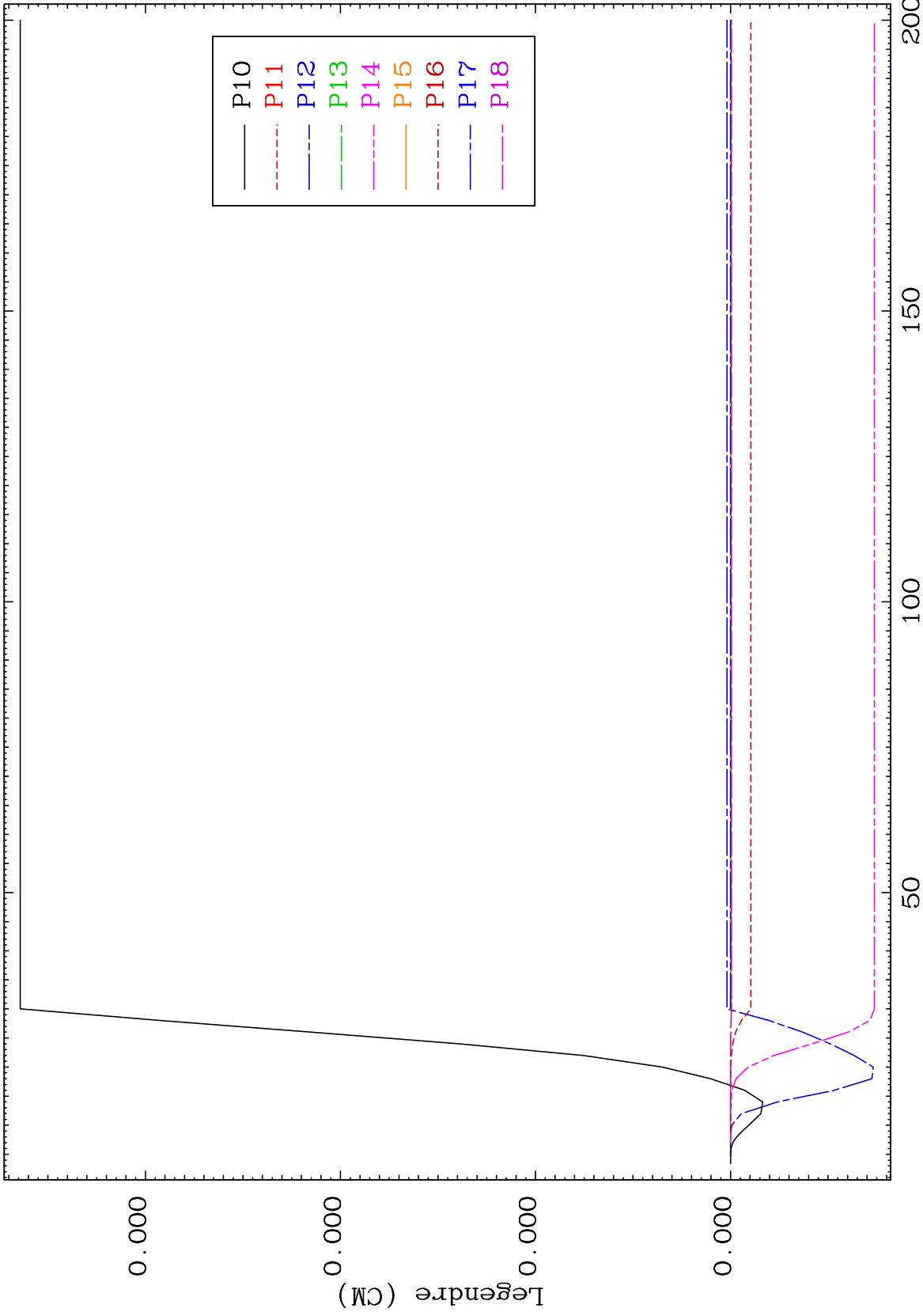
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

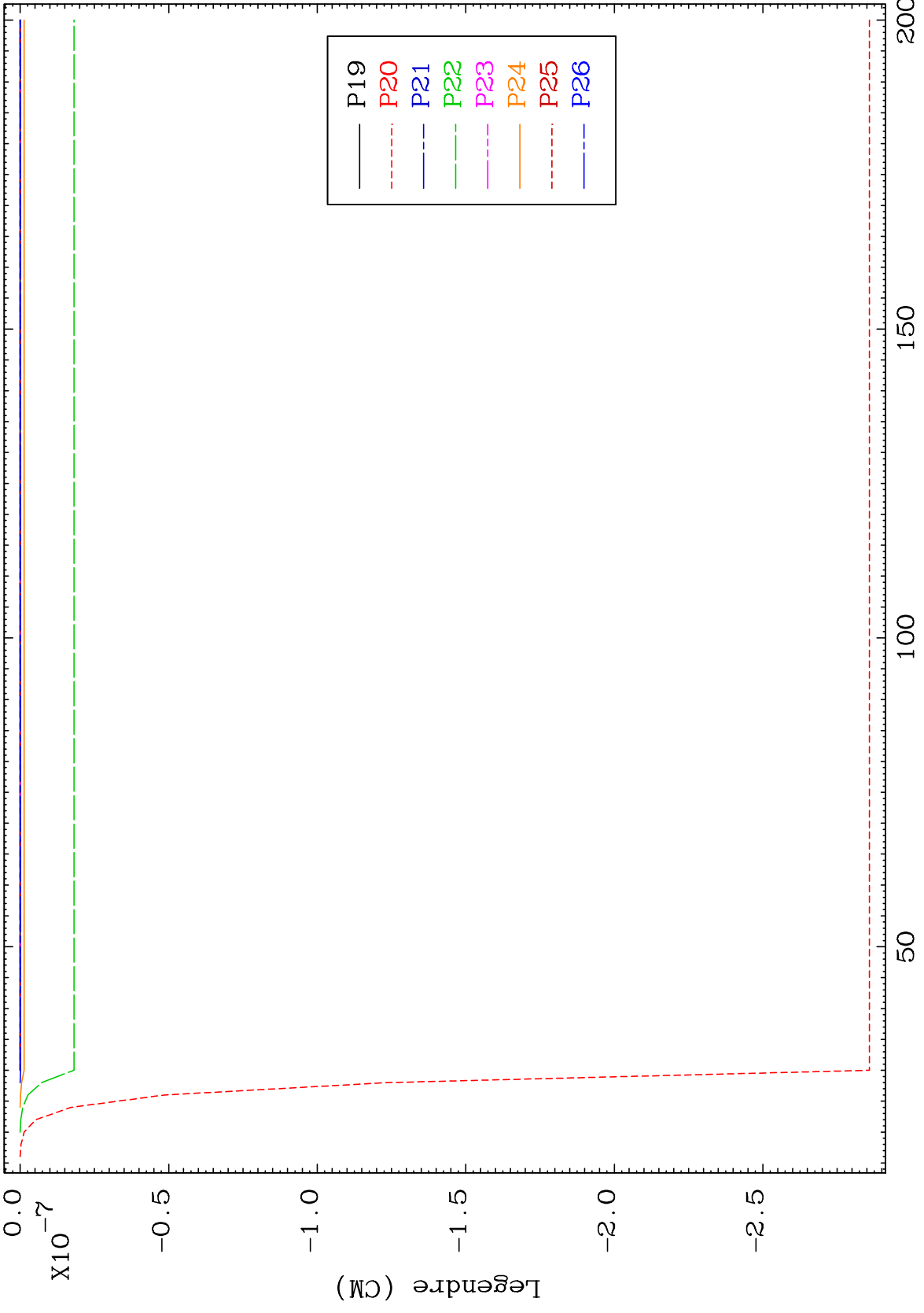
32-Ge-72



96

32-Ge-72

MAT 3231 MT= 76 (n,n') Level Legendre Coefficients 32-Ge-72

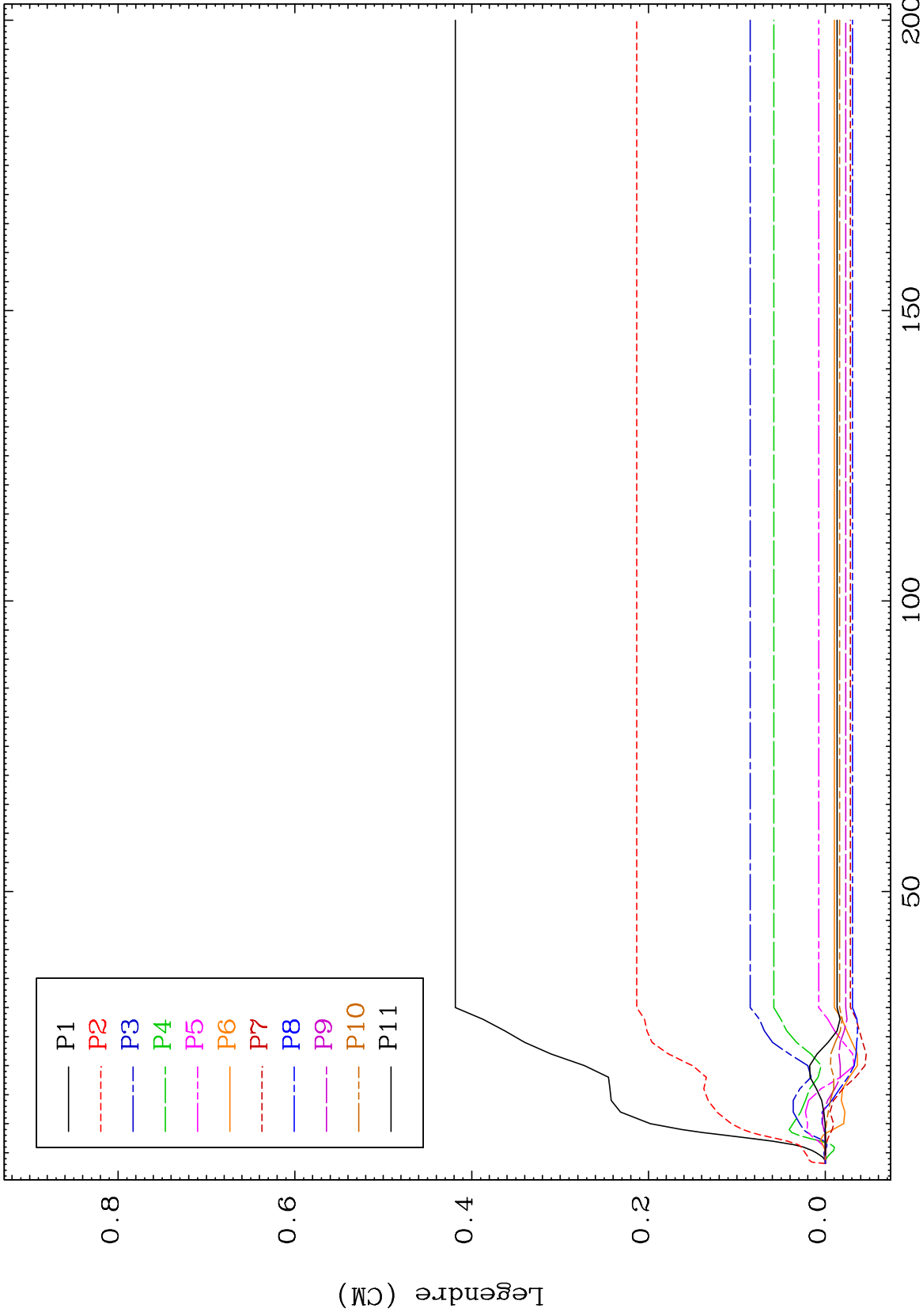


97 32-Ge-72

MAT 3231

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

32-Ge-72

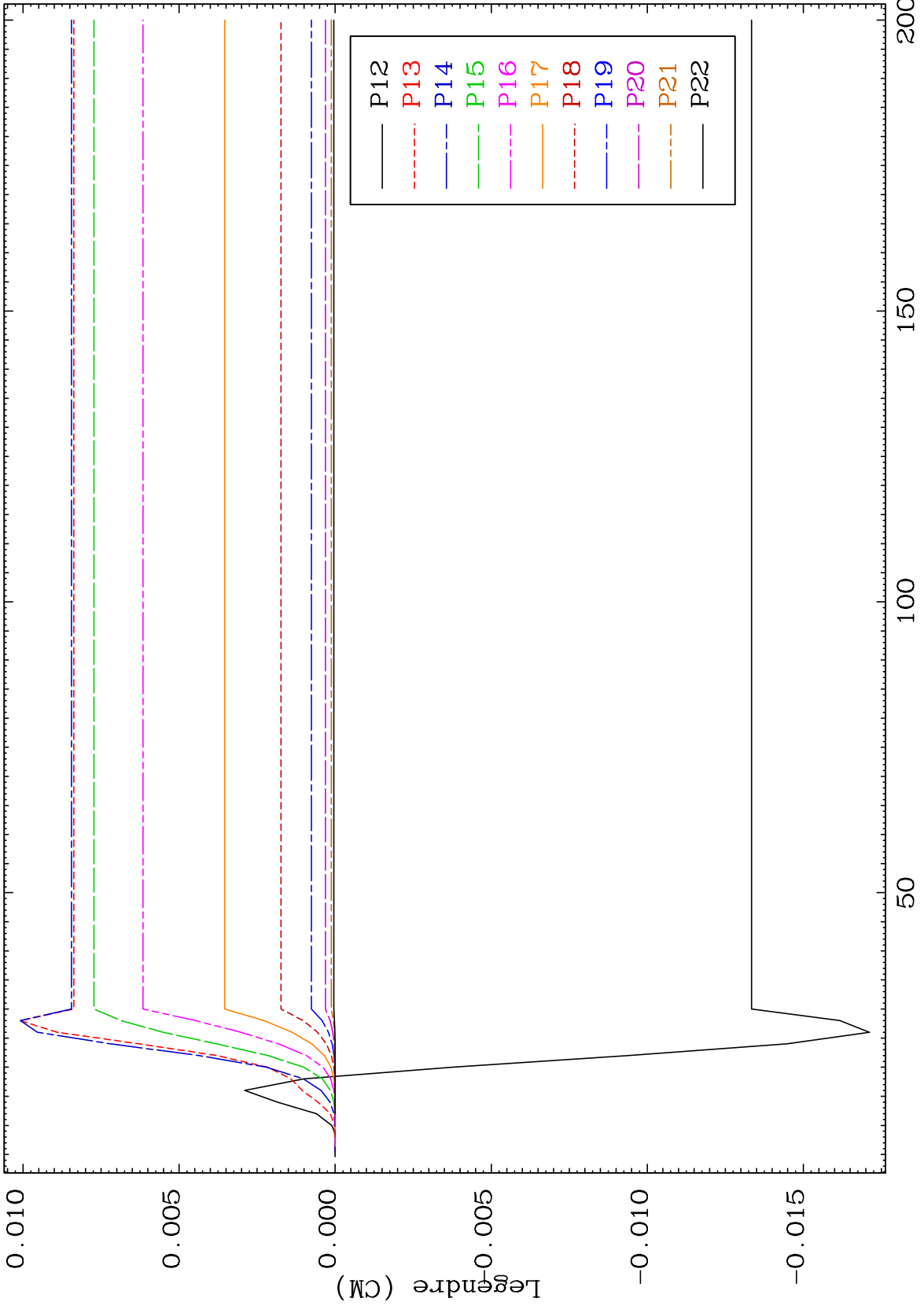


98

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 77 (n,n') Level Legendre Coefficients 32-Ge-72

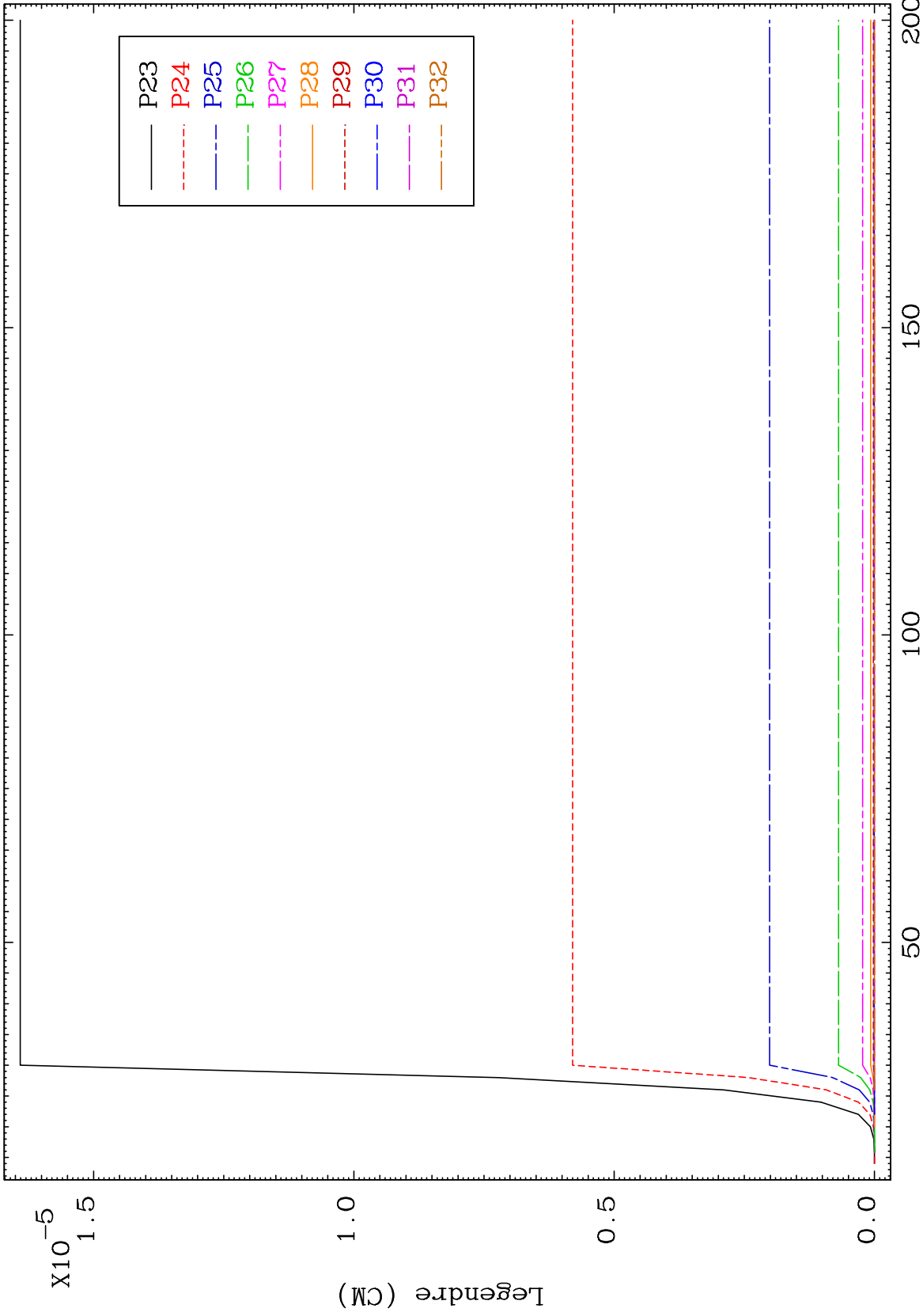


99 32-Ge-72

MAT 3231

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

32-Ge-72



100

50

100

150

200

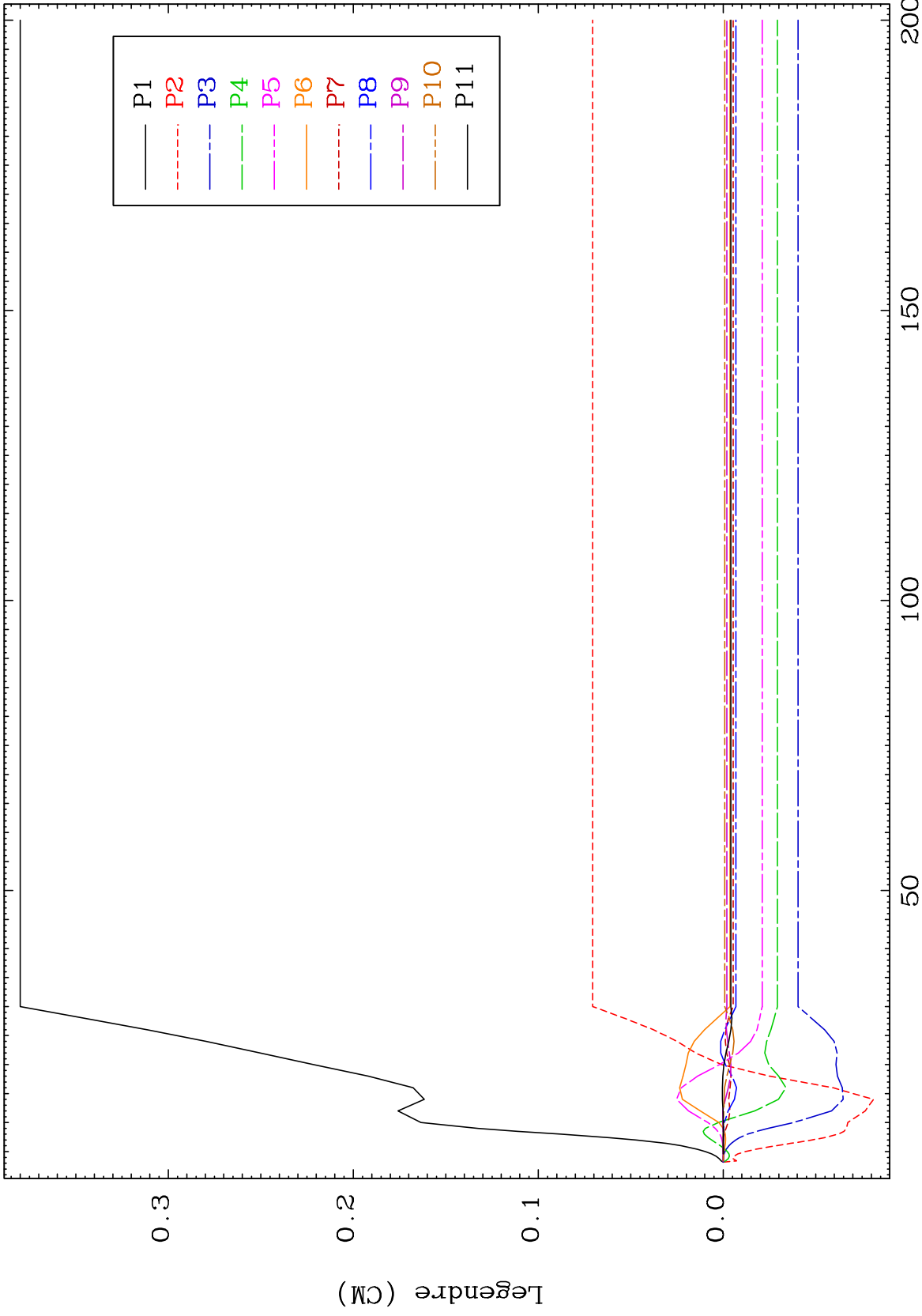
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72

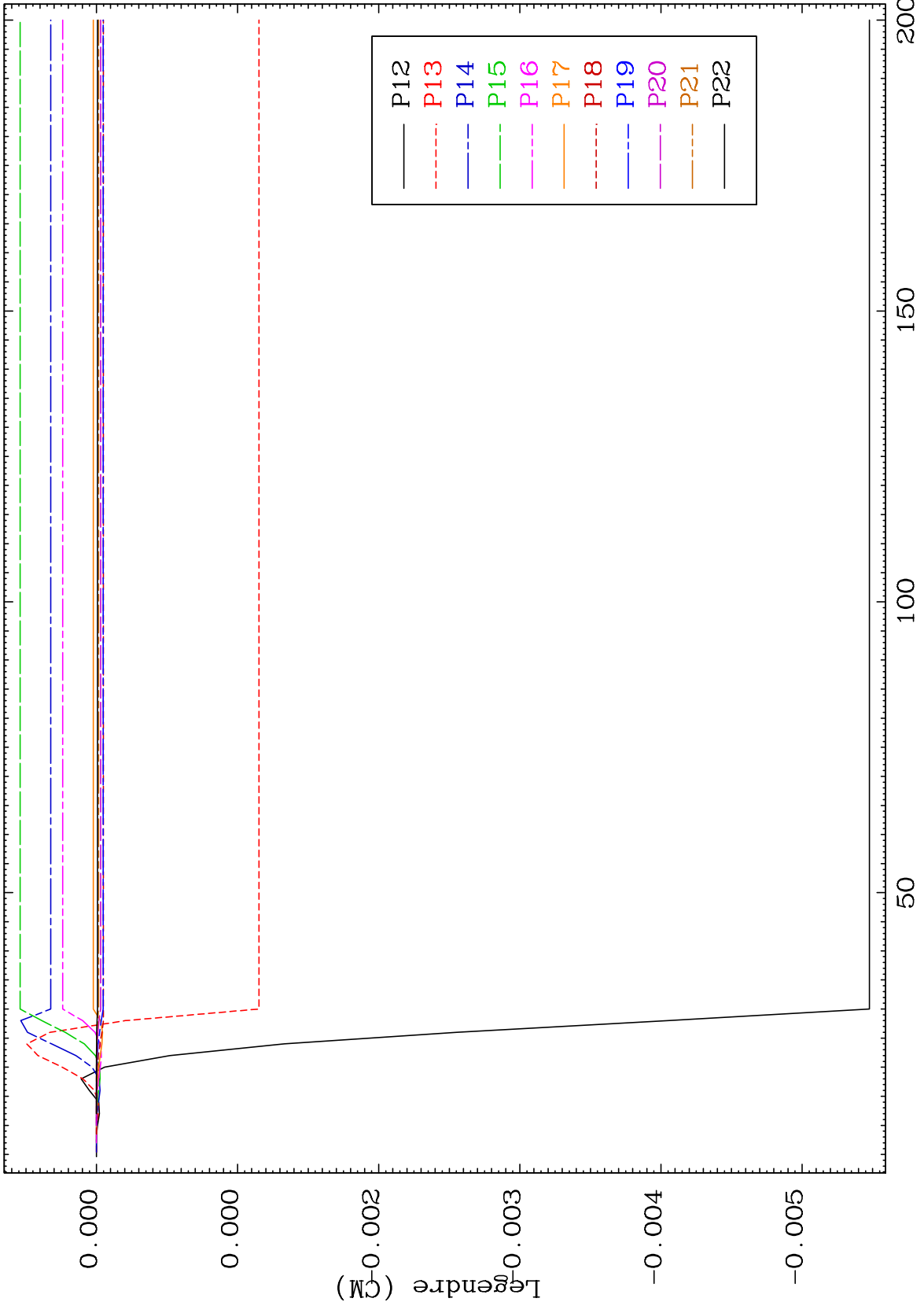


101

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 78 (n,n') Level Legendre Coefficients 32-Ge-72

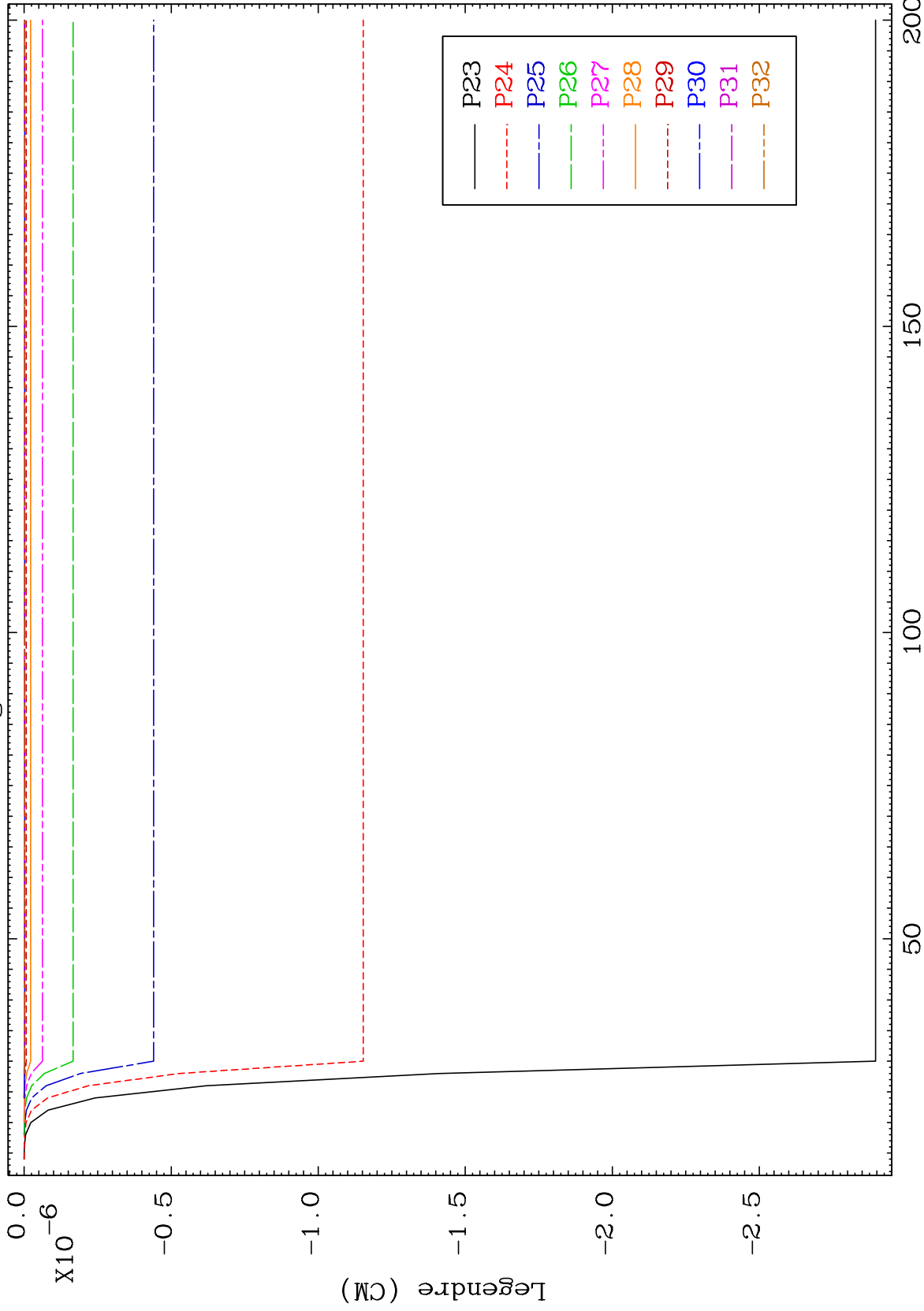


102 32-Ge-72

MAT 3231

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

32-Ge-72



103

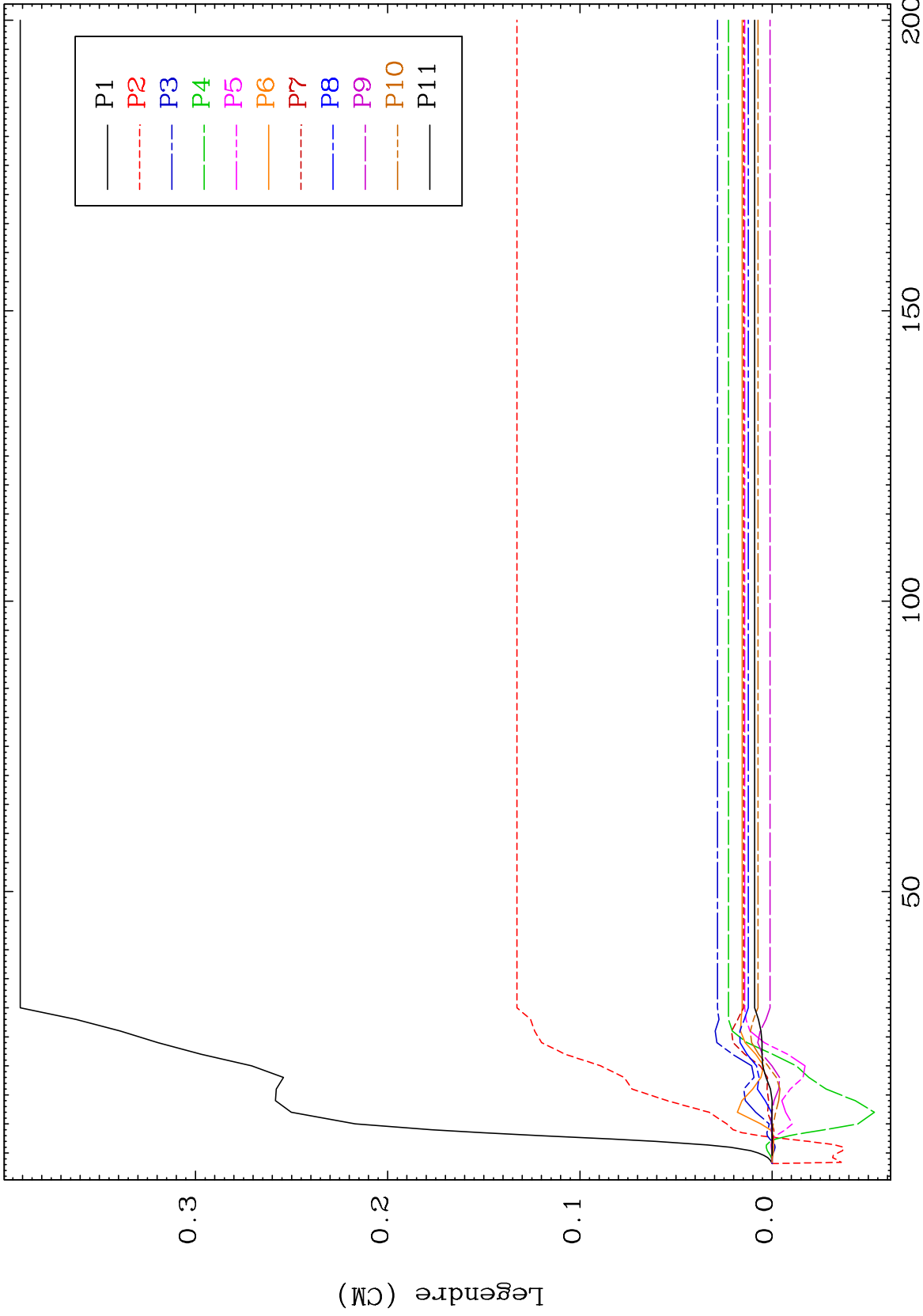
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



104

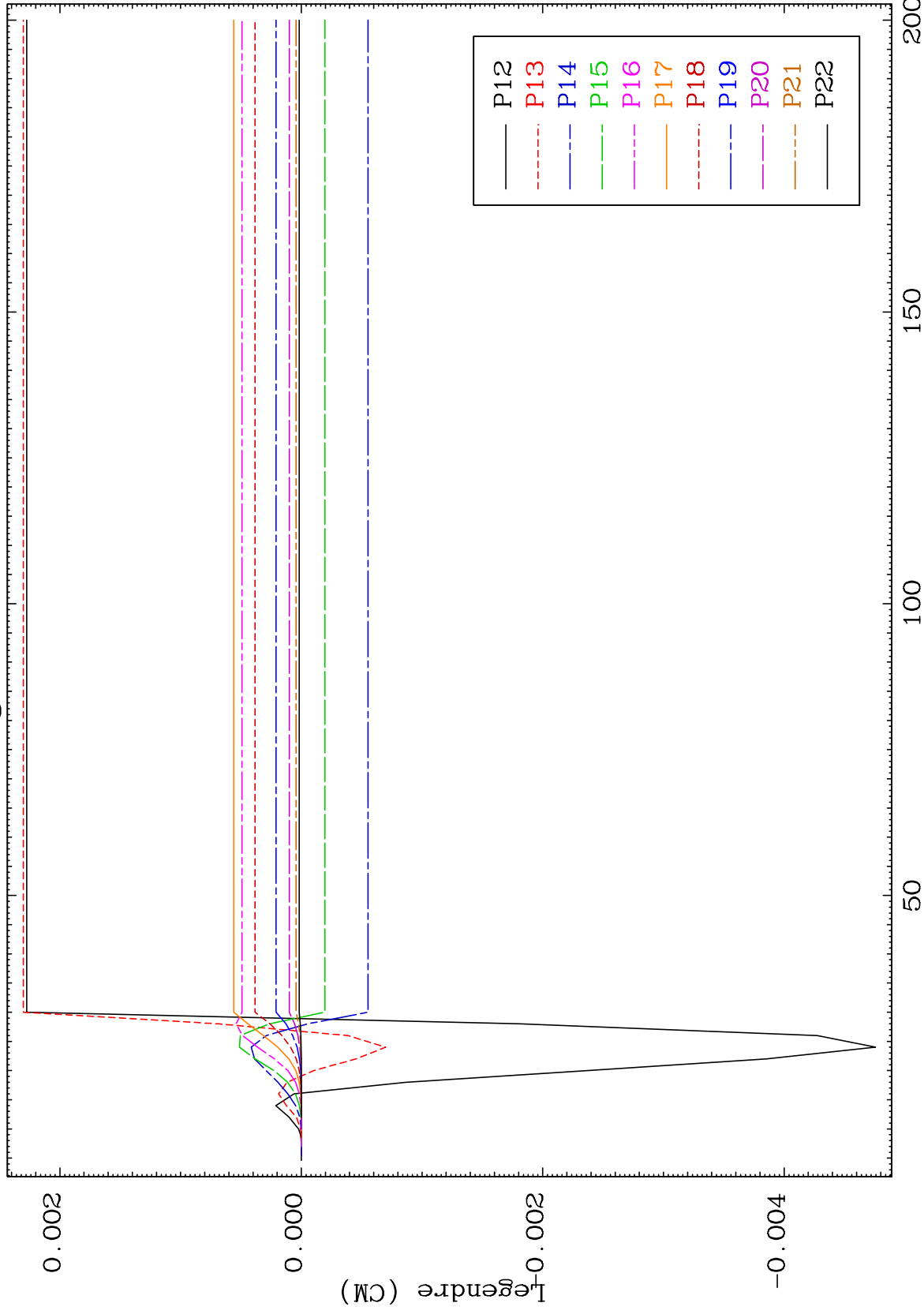
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72



105

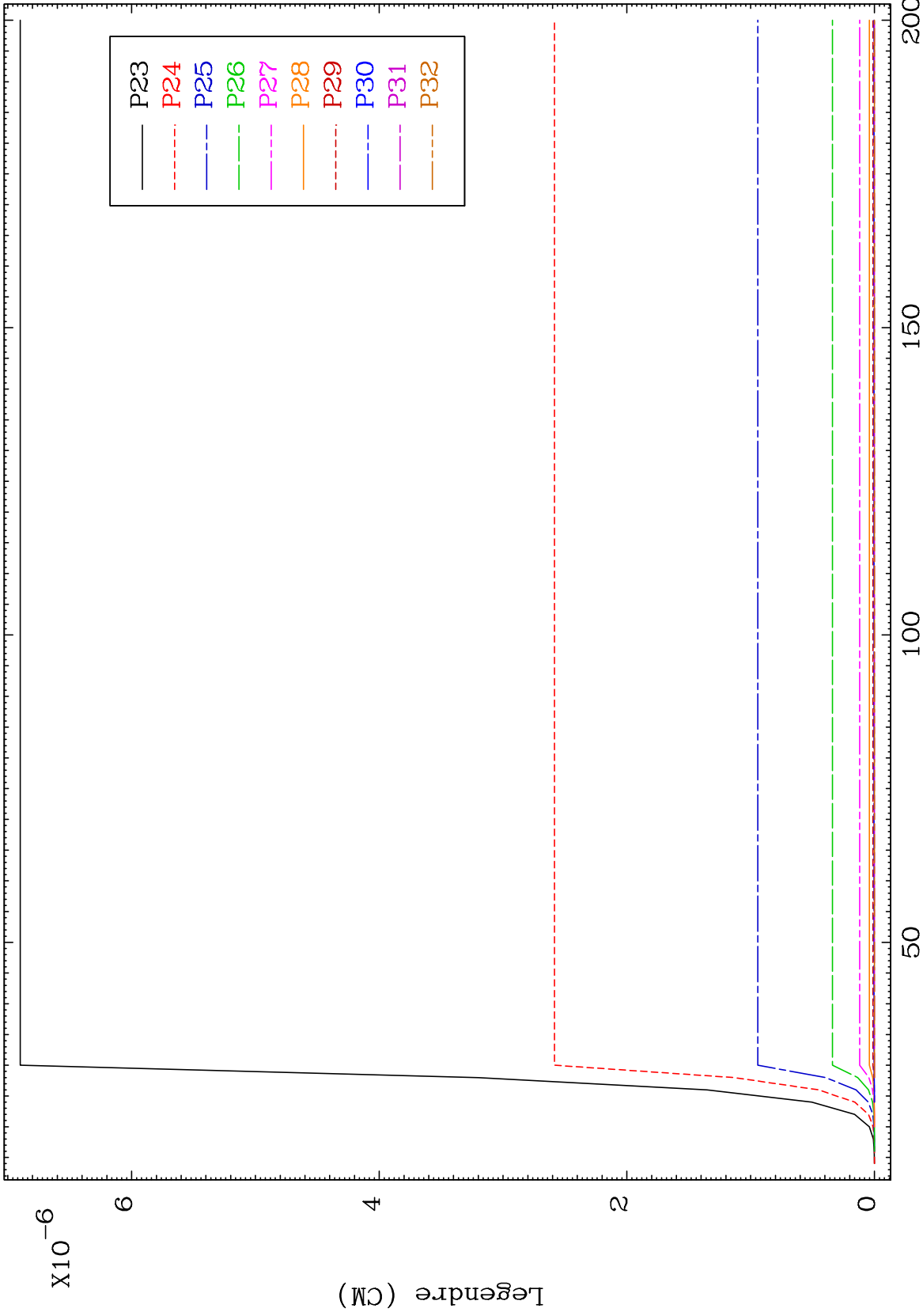
Incident Energy (MeV)

32-Ge-72

MAT 3231

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

32-Ge-72

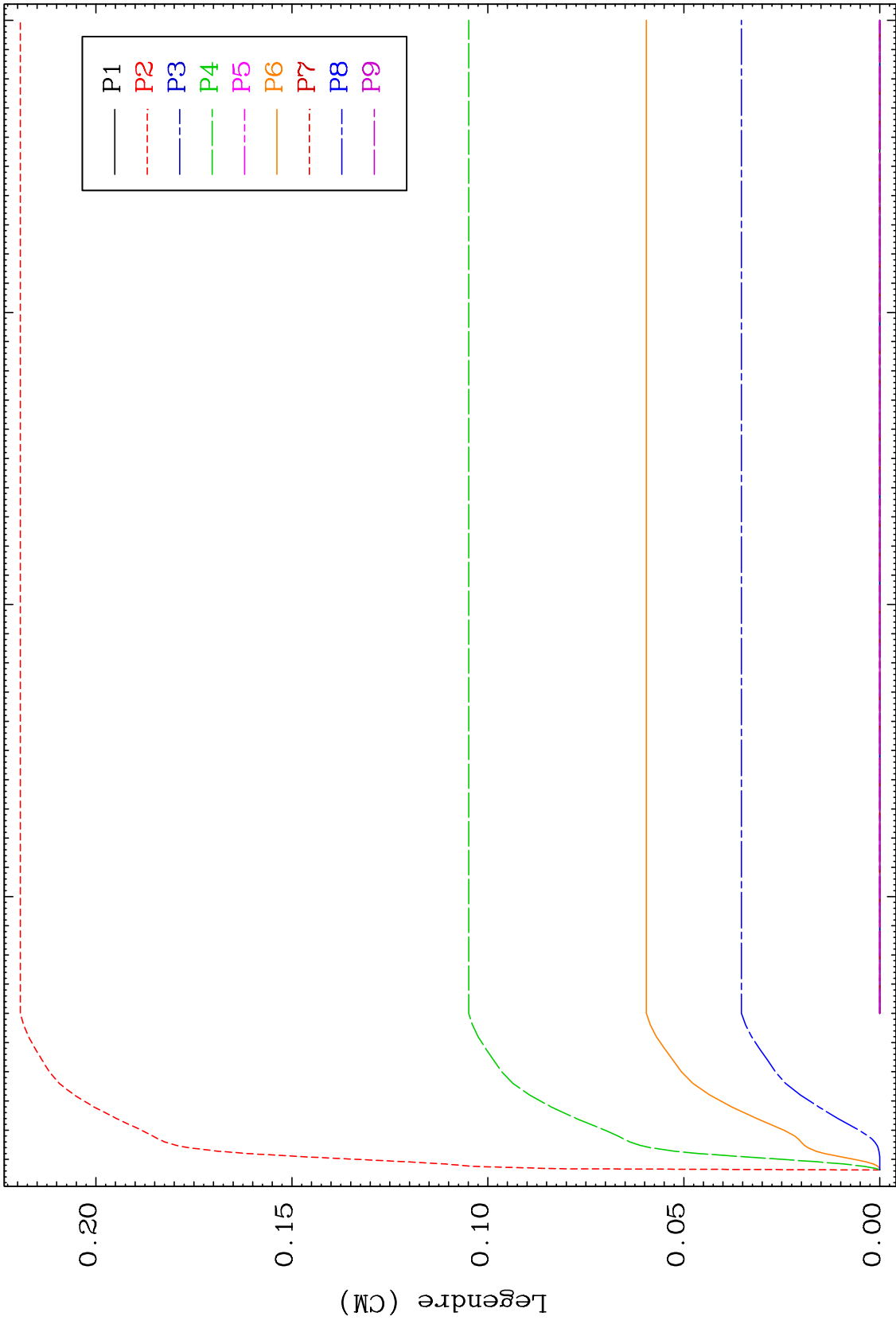


106

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 80 (n,n') Level Legendre Coefficients 32-Ge-72

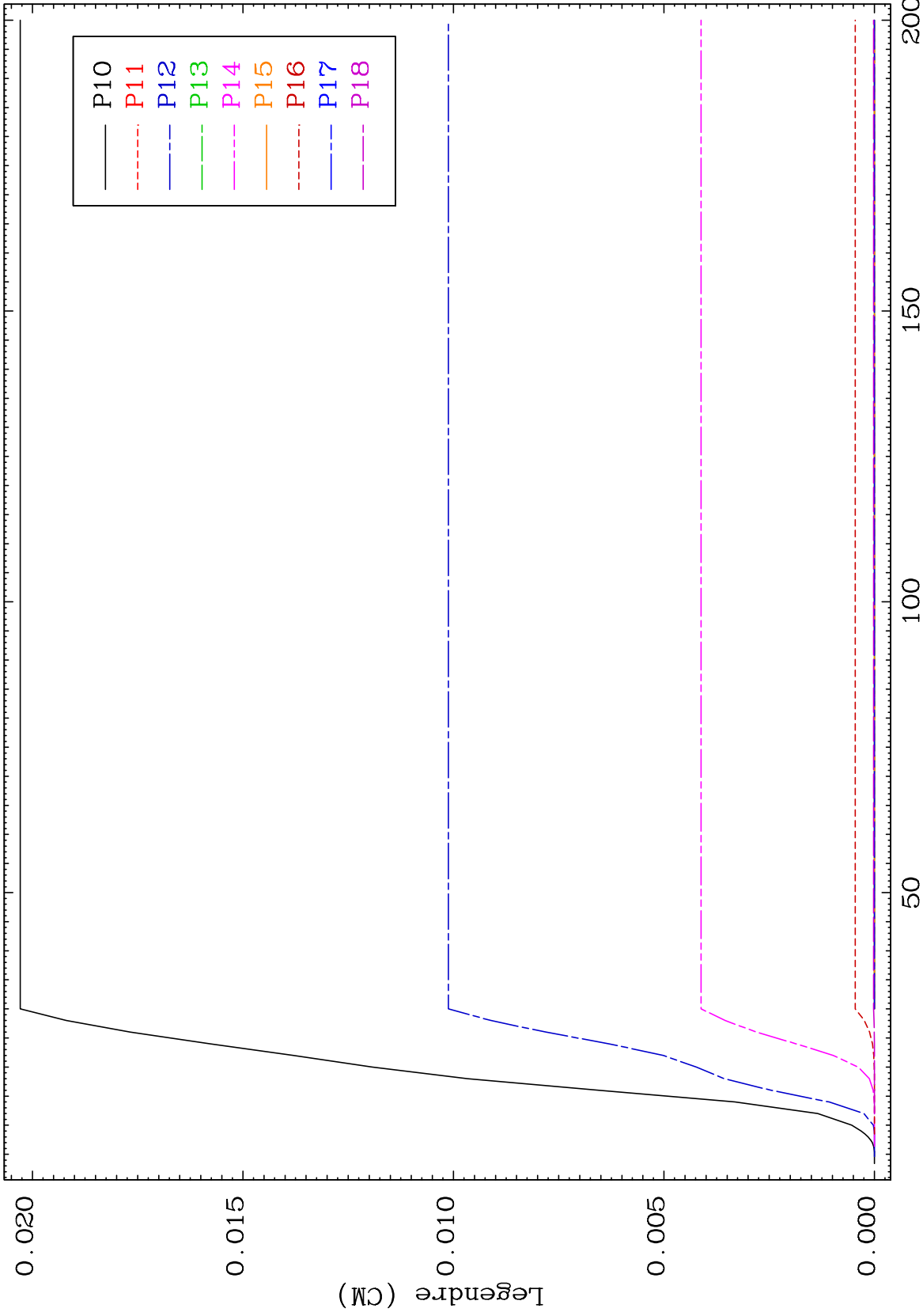


107 Incident Energy (MeV) 32-Ge-72

MAT 3231

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

32-Ge-72

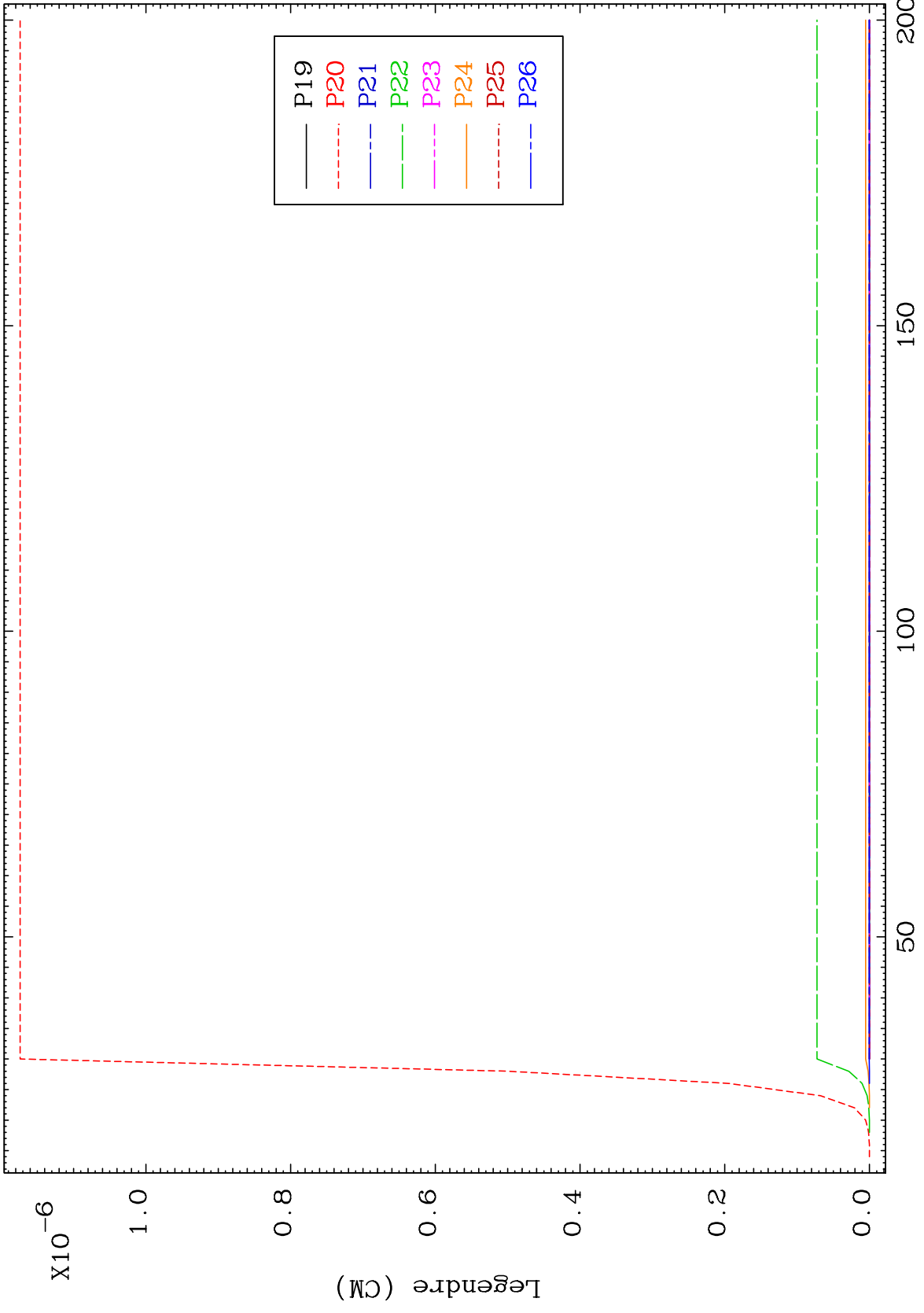


108

Incident Energy (MeV)

32-Ge-72

MAT 3231 MT= 80 (n,n') Level Legendre Coefficients 32-Ge-72



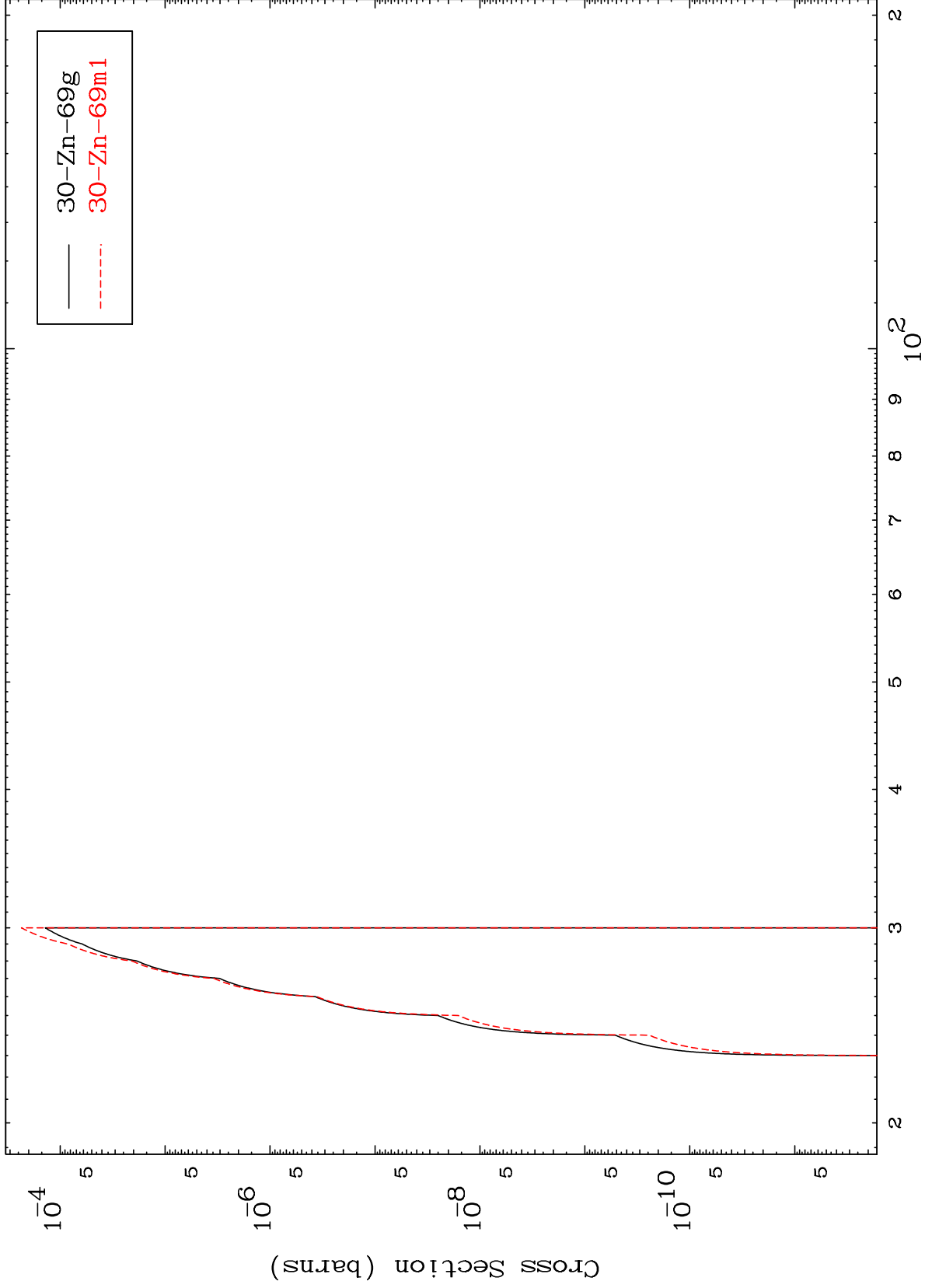
109 50 100 150 200 32-Ge-72

MAT 3231

(n, n') He-3

32-Ge-72

Radionuclide Production Cross Section



110

Incident Energy (MeV)

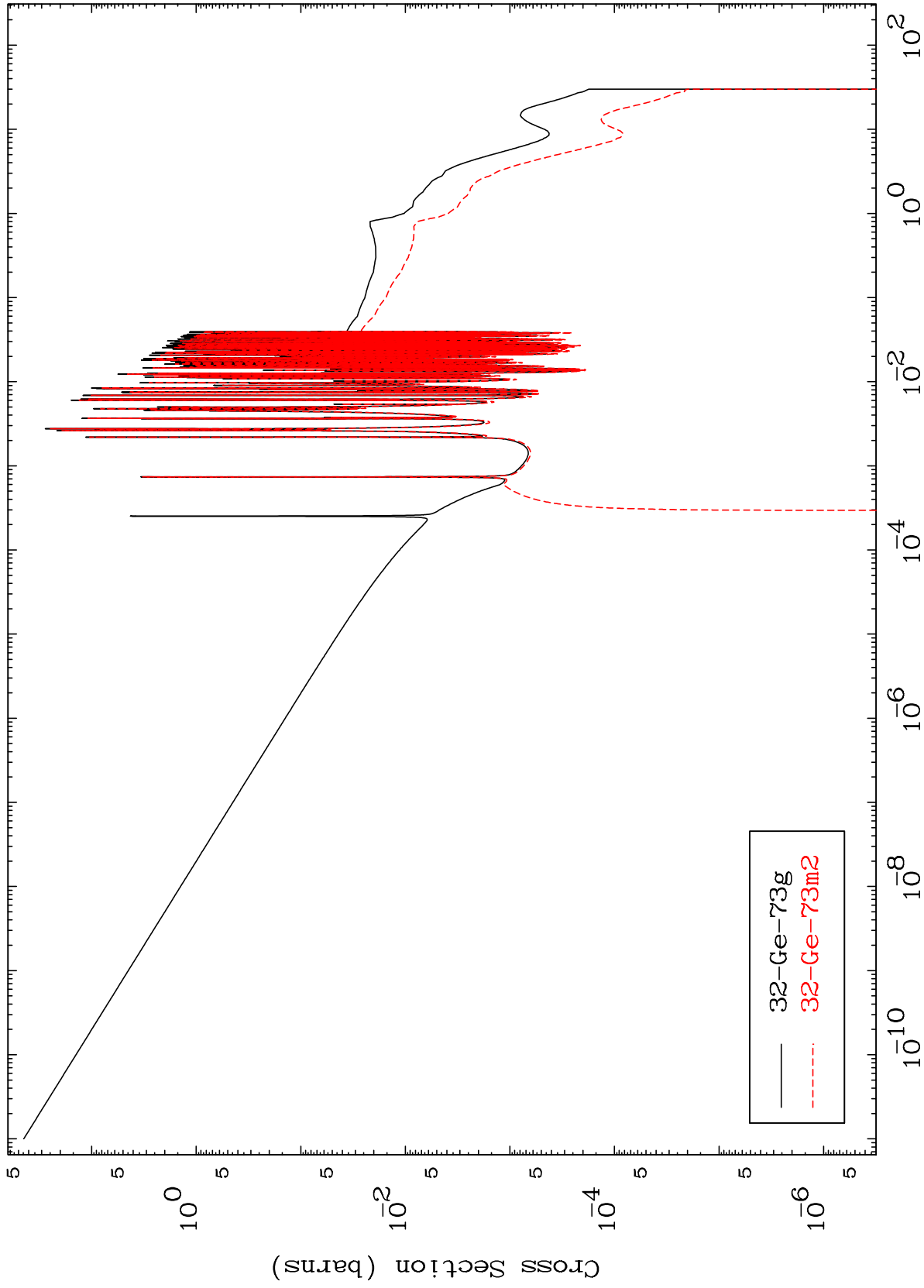
32-Ge-72

MAT 3231

32-Ge-72

Radionuclide Production Cross Section

(n,γ)

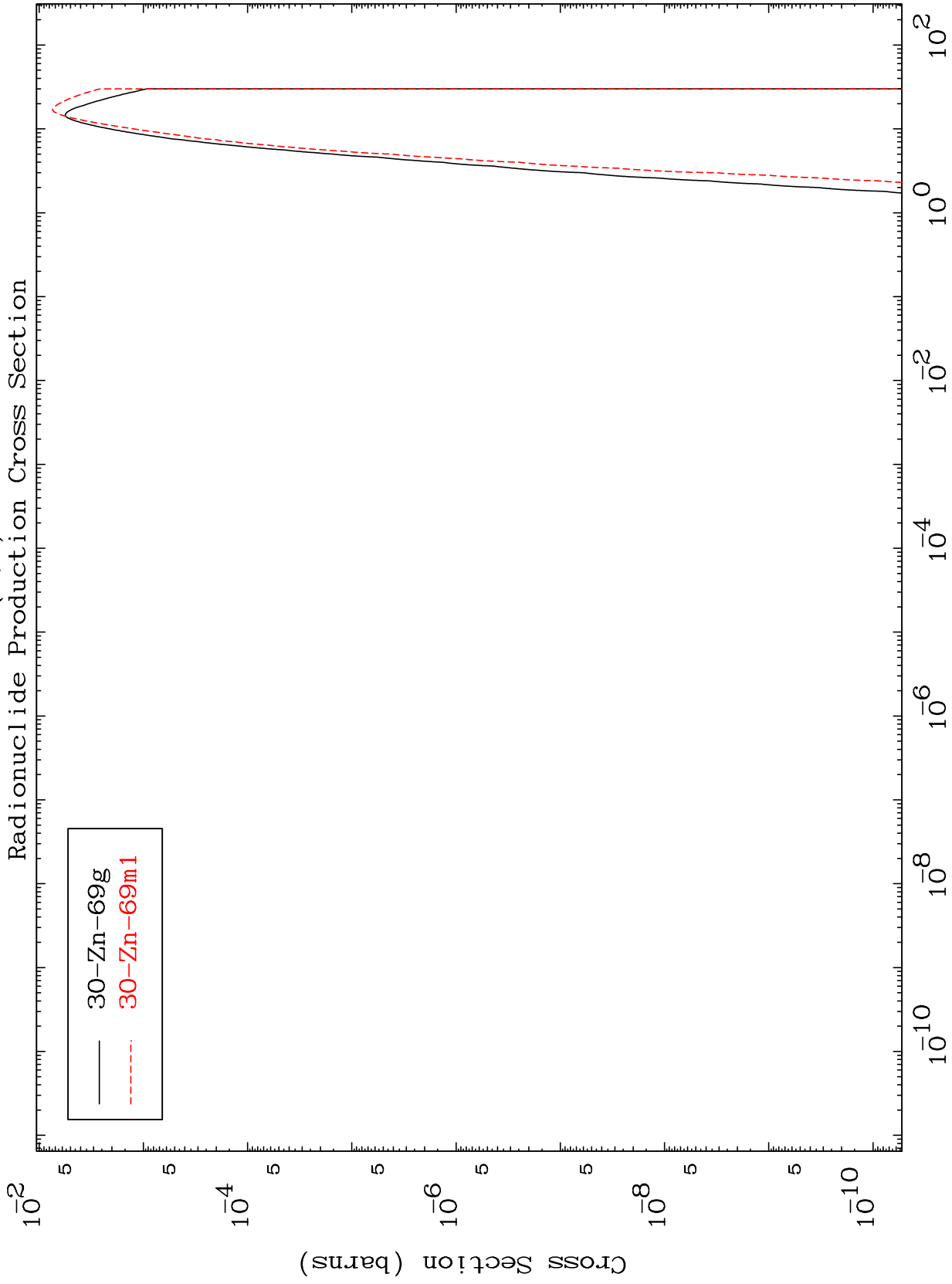


111

MAT 3231

(n, α)
Radionuclide Production Cross Section

$^{32}\text{Ge-72}$



112

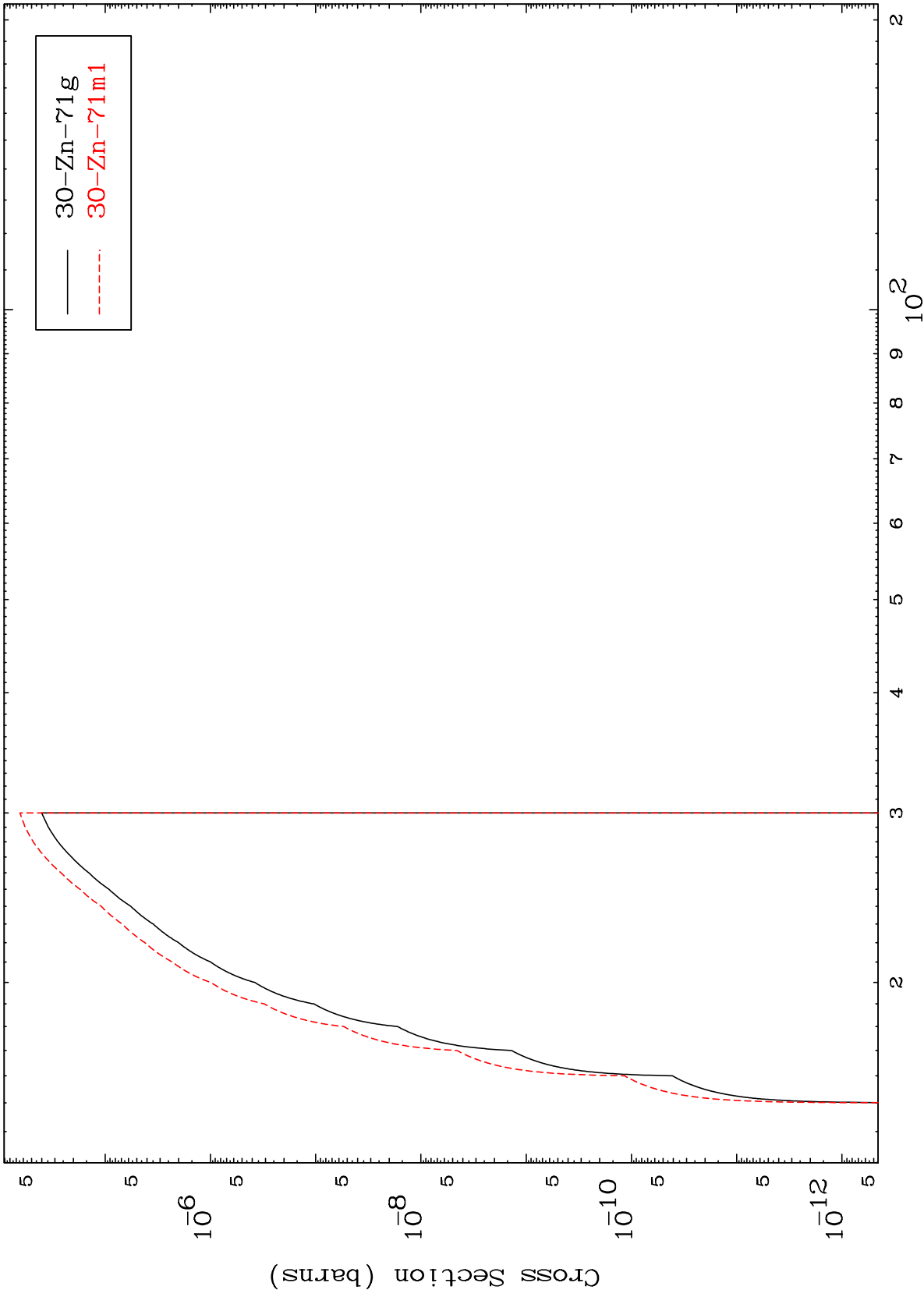
Incident Energy (MeV)

$^{32}\text{Ge-72}$

MAT 3231

32-Ge-72

(n,2p)
Radionuclide Production Cross Section



113

32-Ge-72

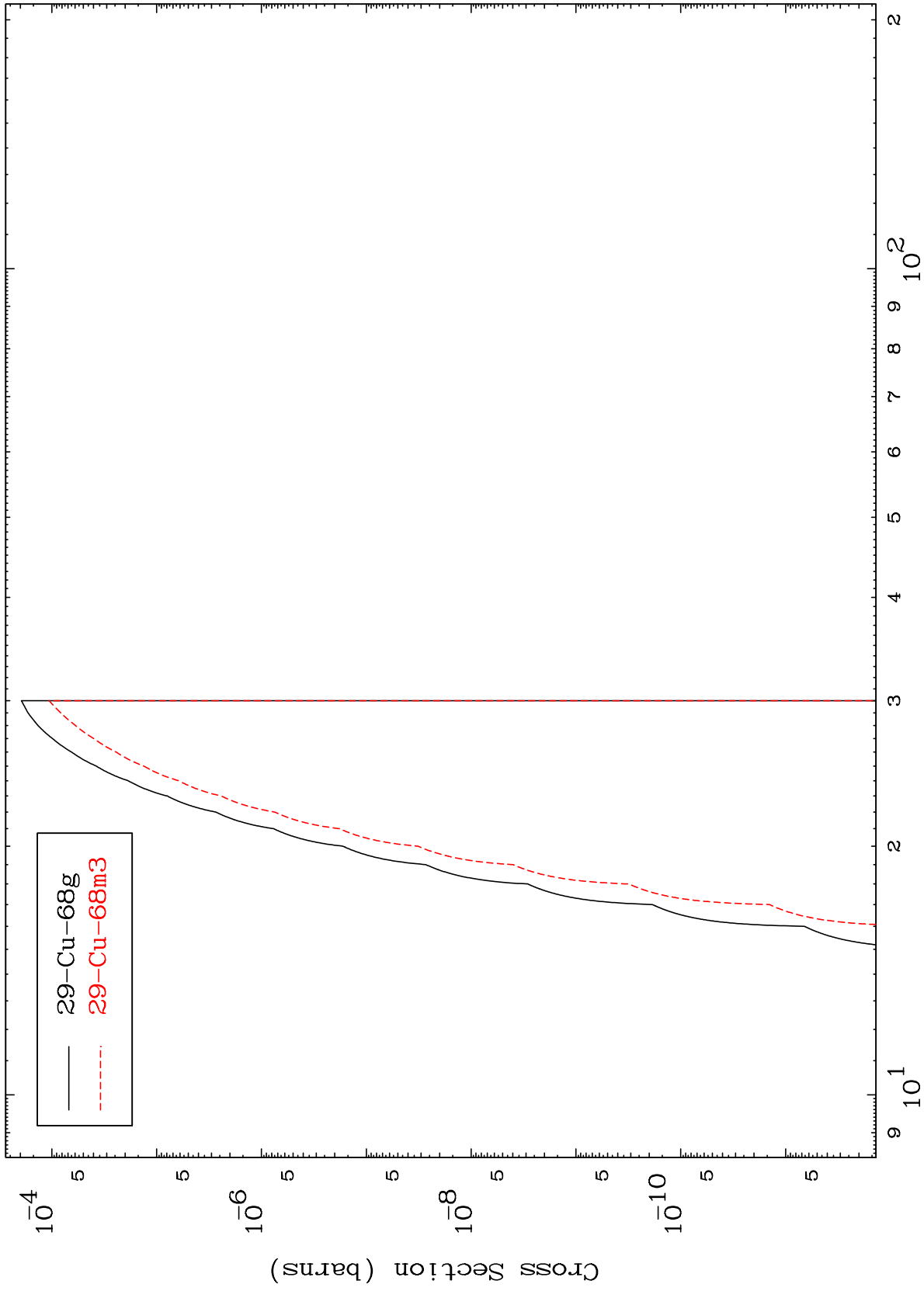
Incident Energy (MeV)

MAT 3231

(n,p) α

32-Ge-72

Radionuclide Production Cross Section



114

Incident Energy (MeV)

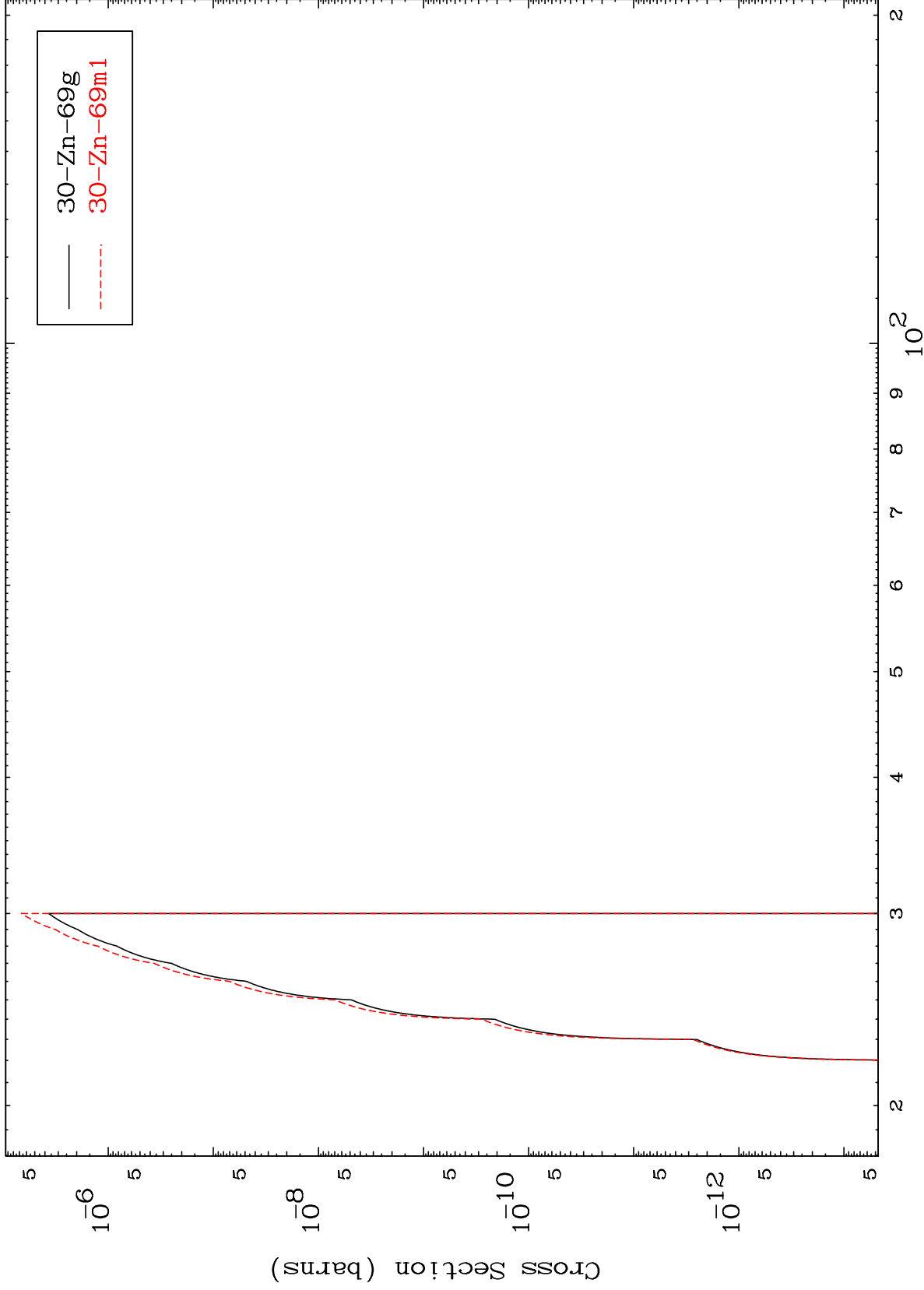
32-Ge-72

MAT 3231

(n,p) t

32-Ge-72

Radionuclide Production Cross Section



115

Incident Energy (MeV)

32-Ge-72