

Program EVALPLOT
(Version 2018-1)

by

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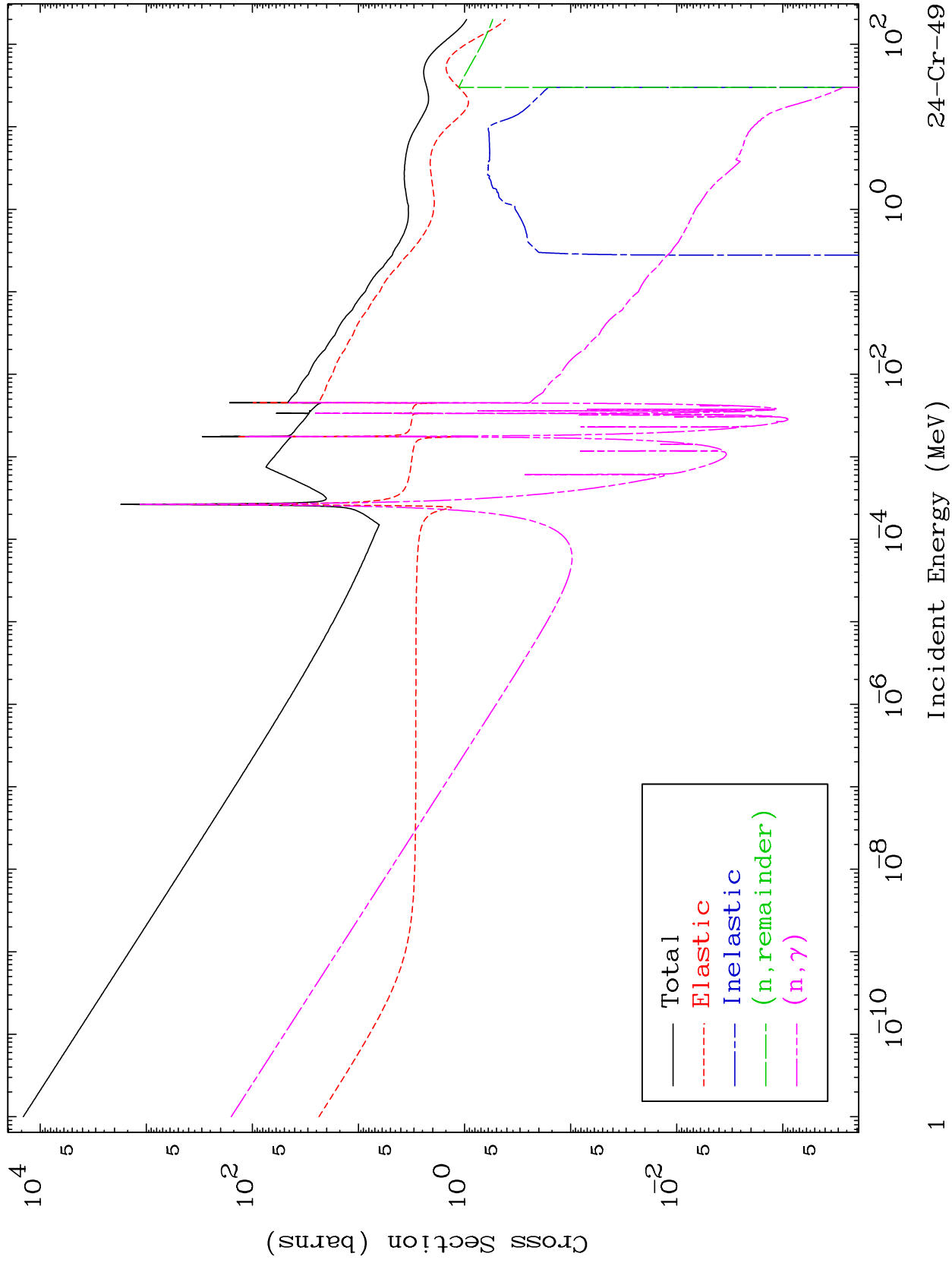
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2422

Major
293 Kelvin Cross Sections

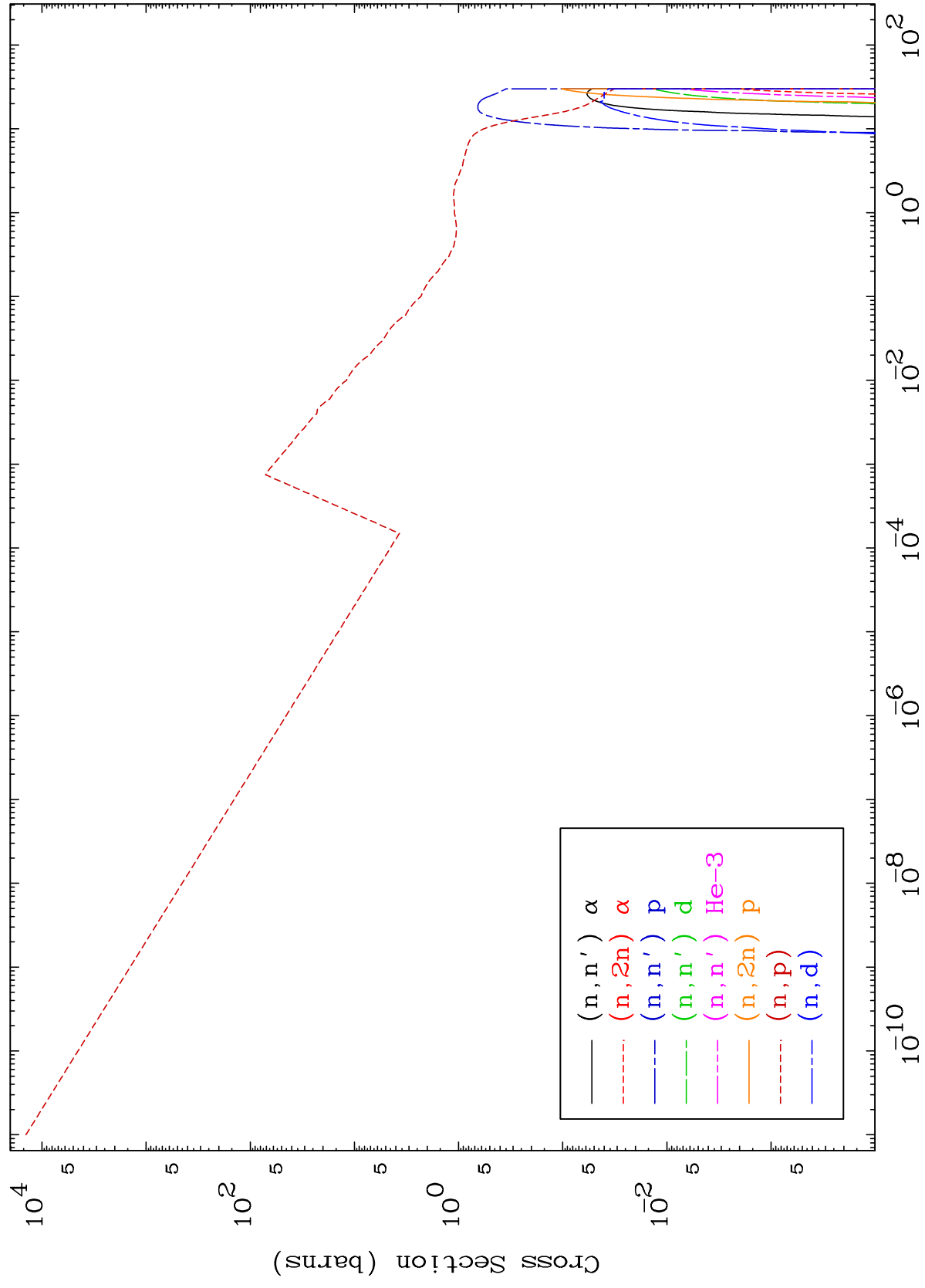
24-Cr-49



MAT 2422

Charged Particle
293 Kelvin Cross Sections

24-Cr-49

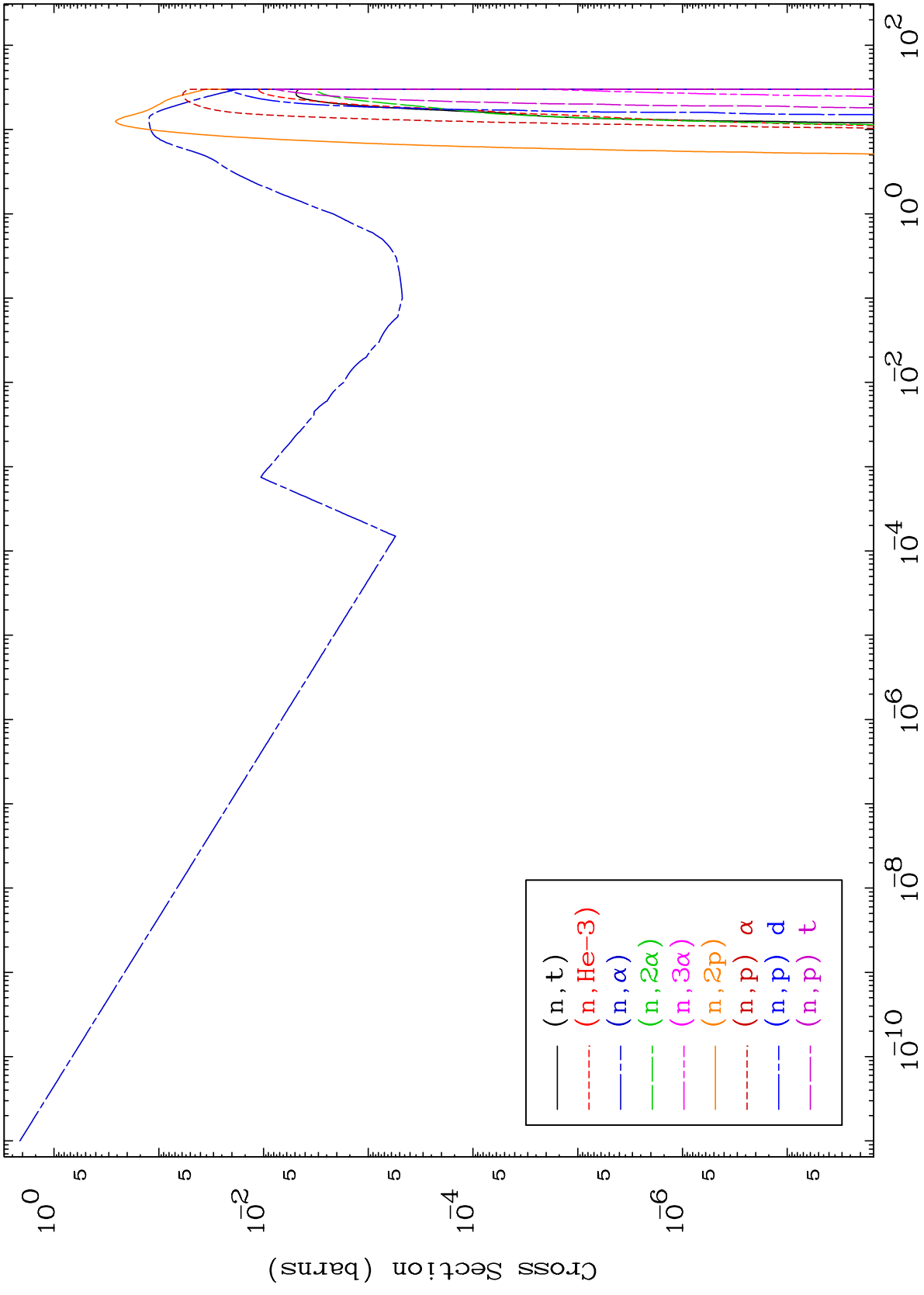


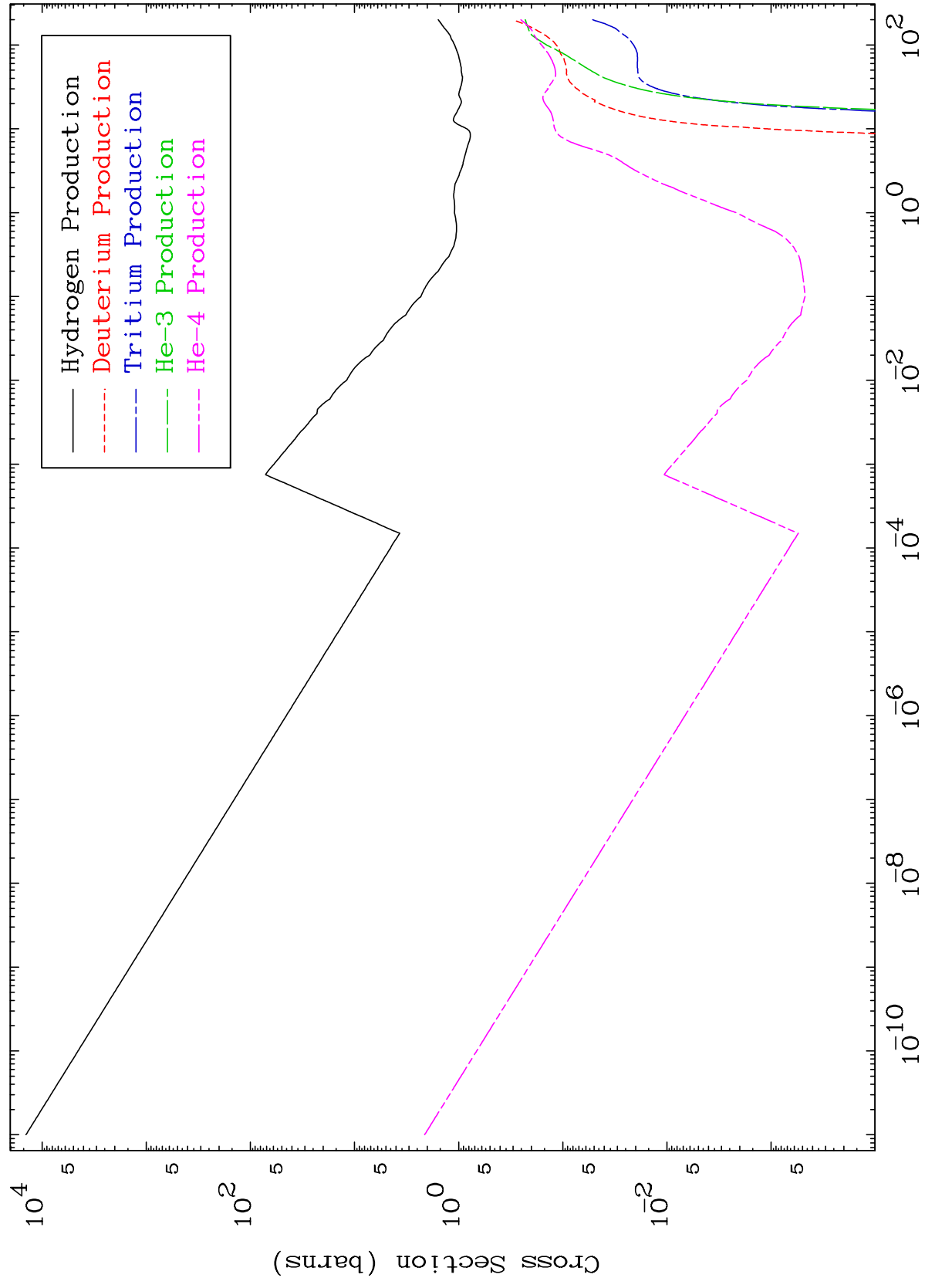
24-Cr-49

MAT 2422

293 Kelvin Cross Sections

24-Cr-49

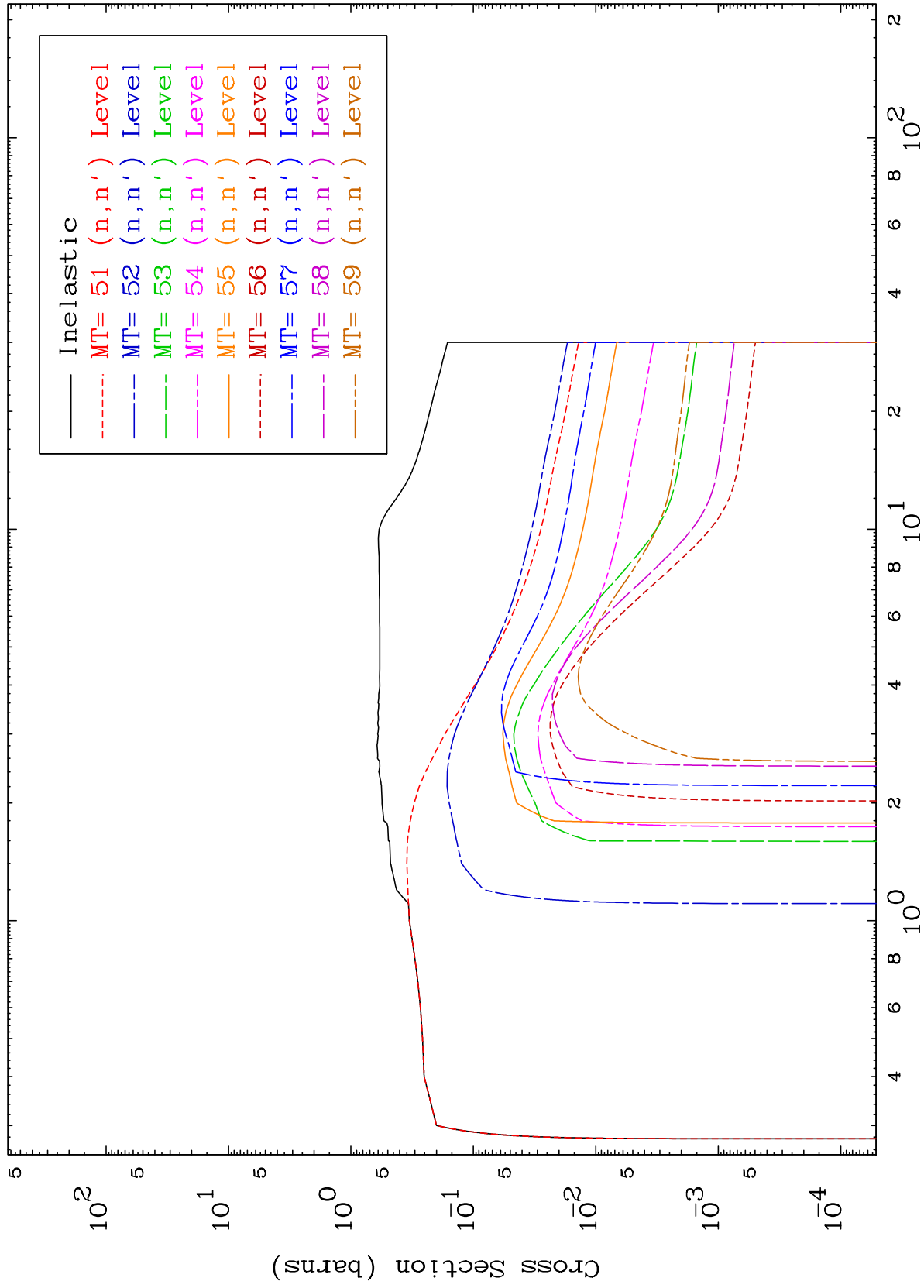




MAT 2422

(n,n') Level
293 Kelvin Cross Sections

24-Cr-49



6

Incident Energy (MeV)

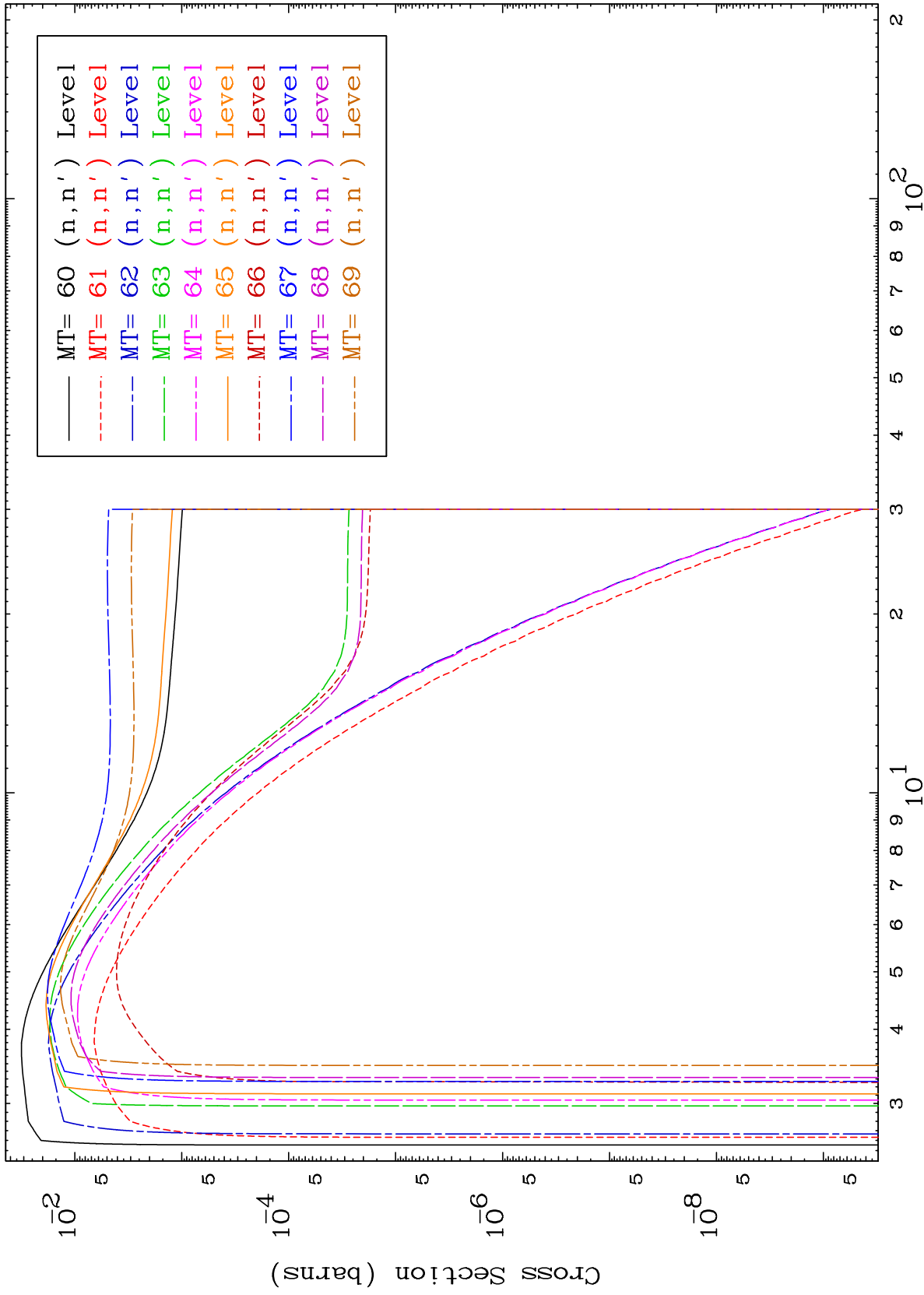
24-Cr-49

MAT 2422

(n,n') Level

24-Cr-49

293 Kelvin Cross Sections



7

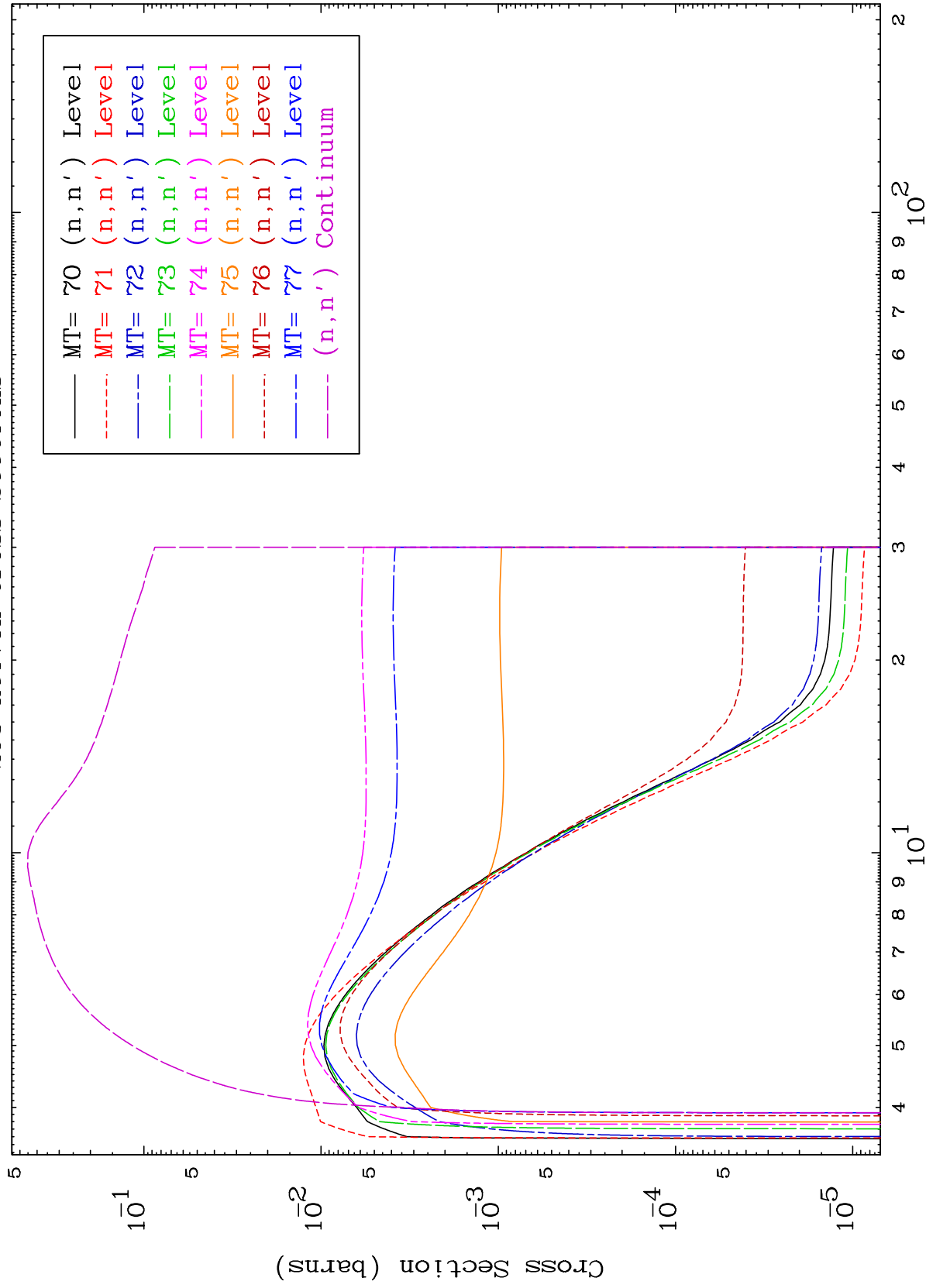
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,n') Level
293 Kelvin Cross Sections

24-Cr-49



8

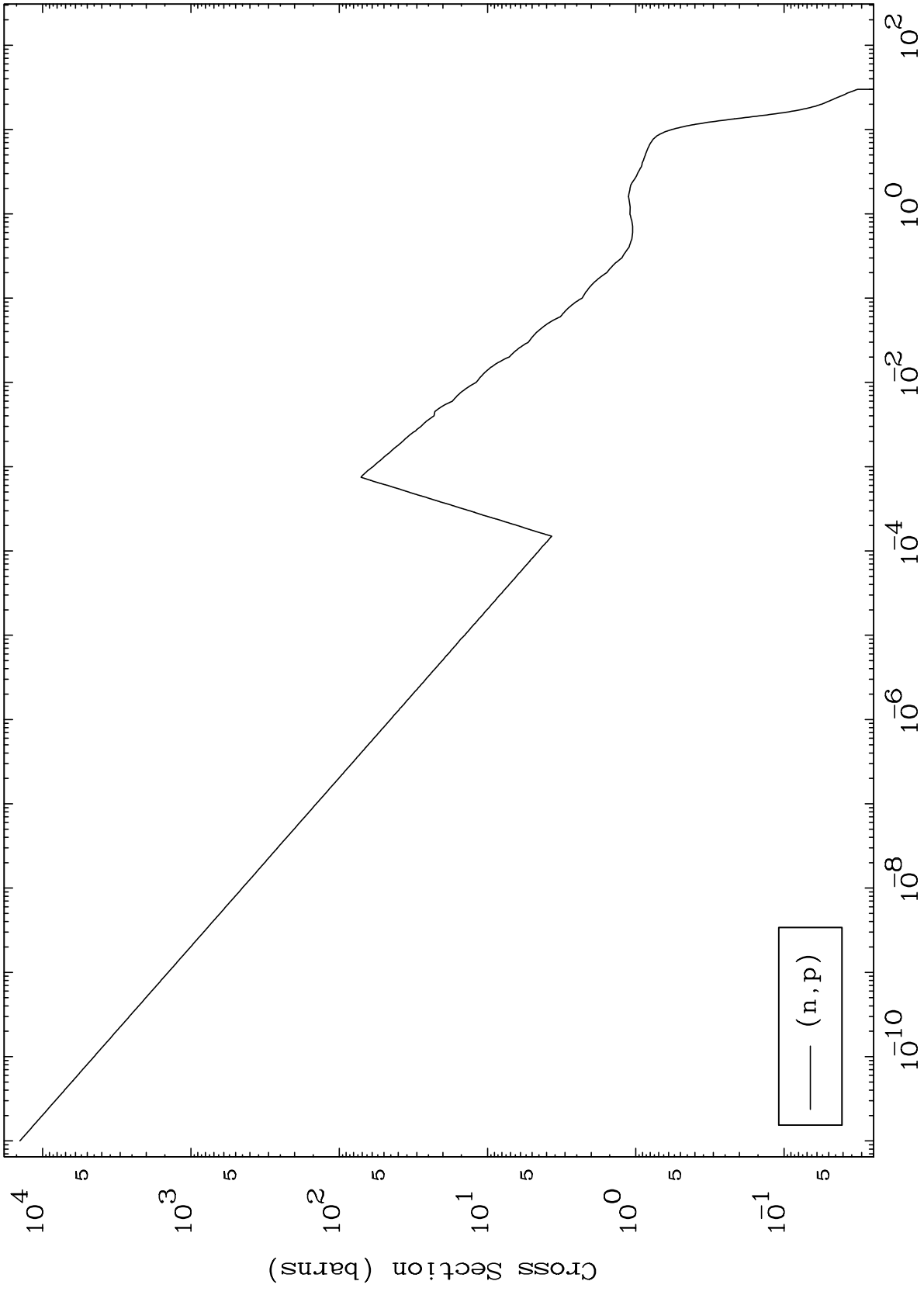
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,p) Levels
293 Kelvin Cross Sections

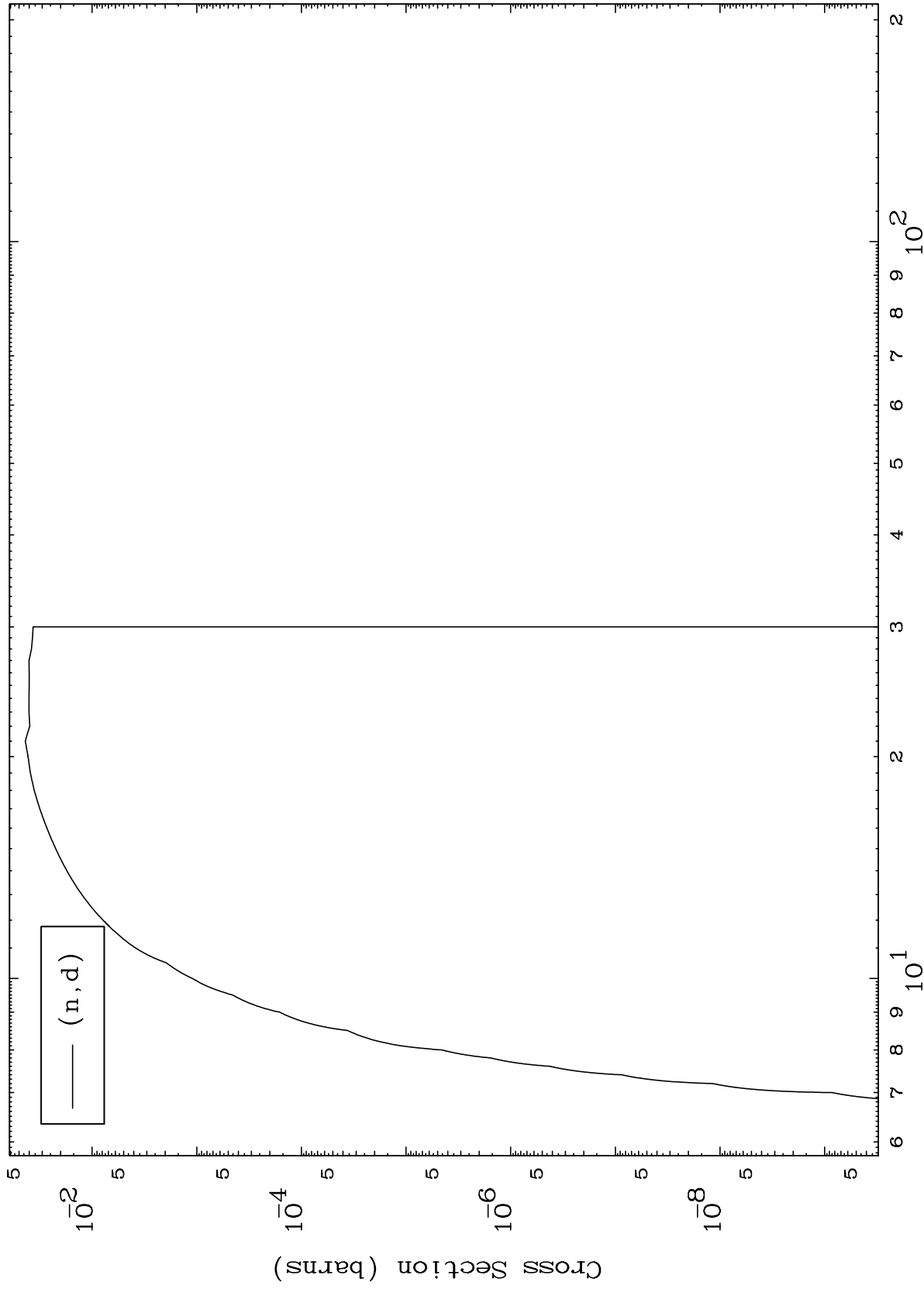
24-Cr-49



MAT 2422

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-49



10

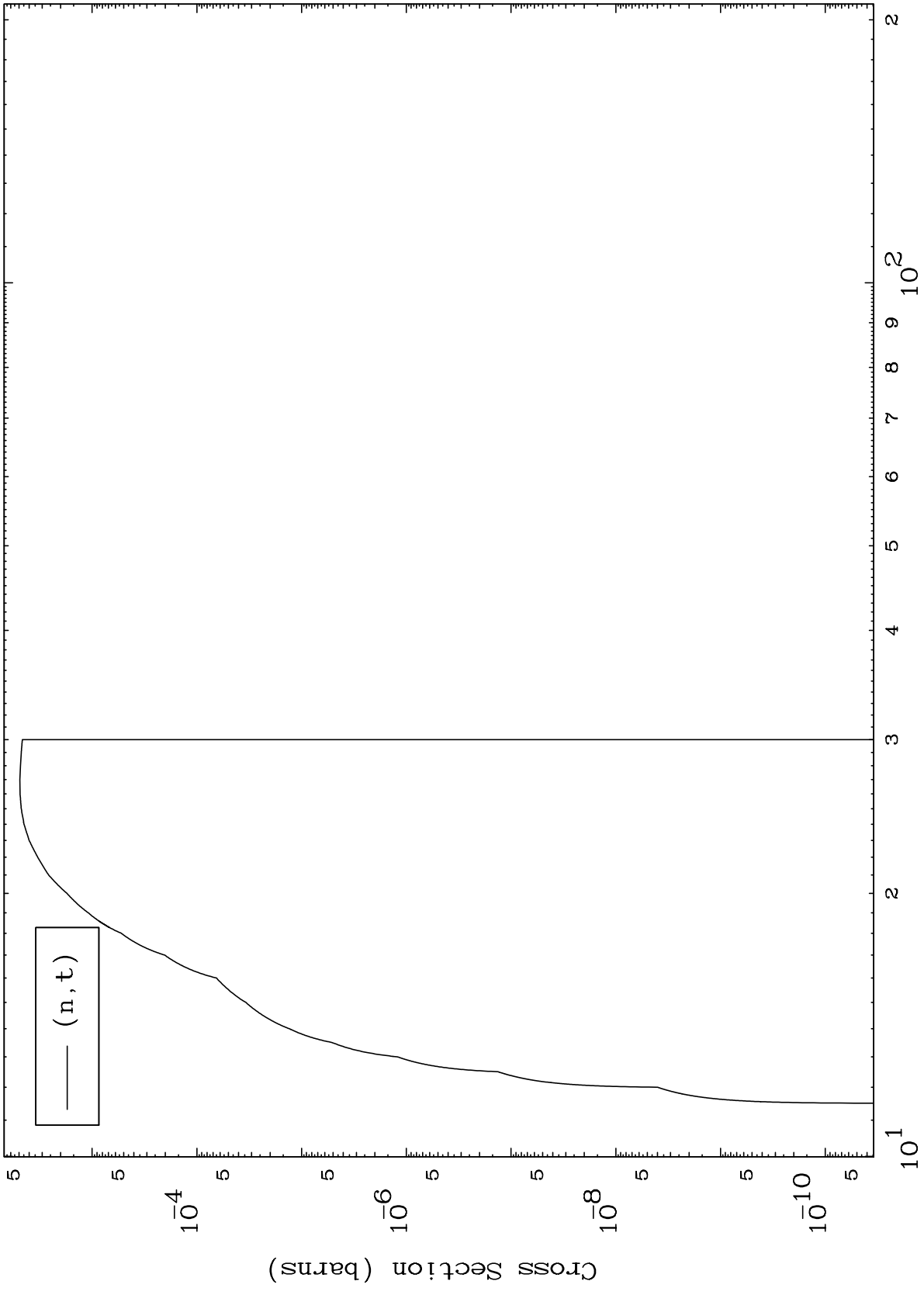
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-49



11

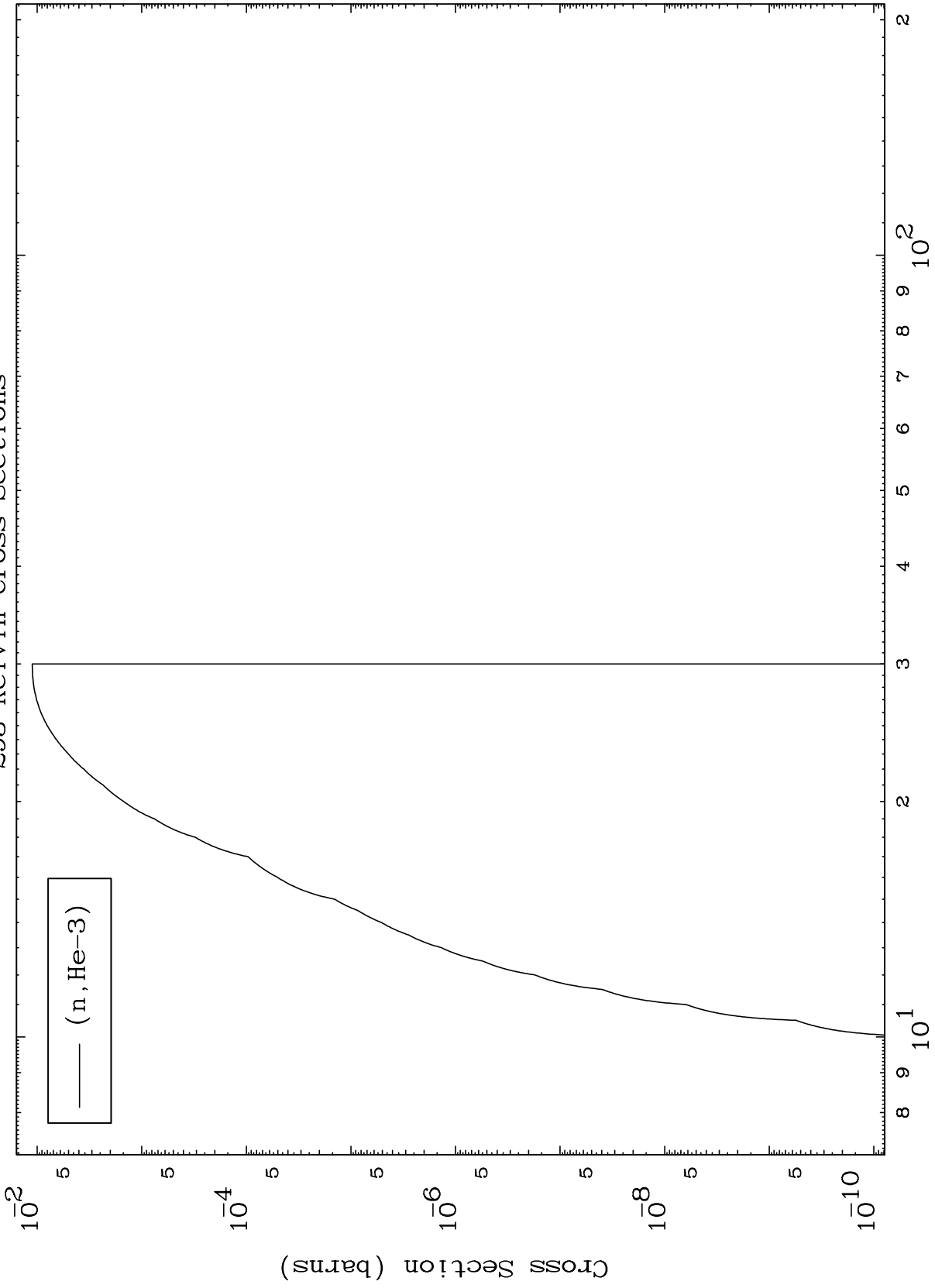
Incident Energy (MeV)

24-Cr-49

MAT 2422

24-Cr-49

(n,He3) Levels
293 Kelvin Cross Sections



12

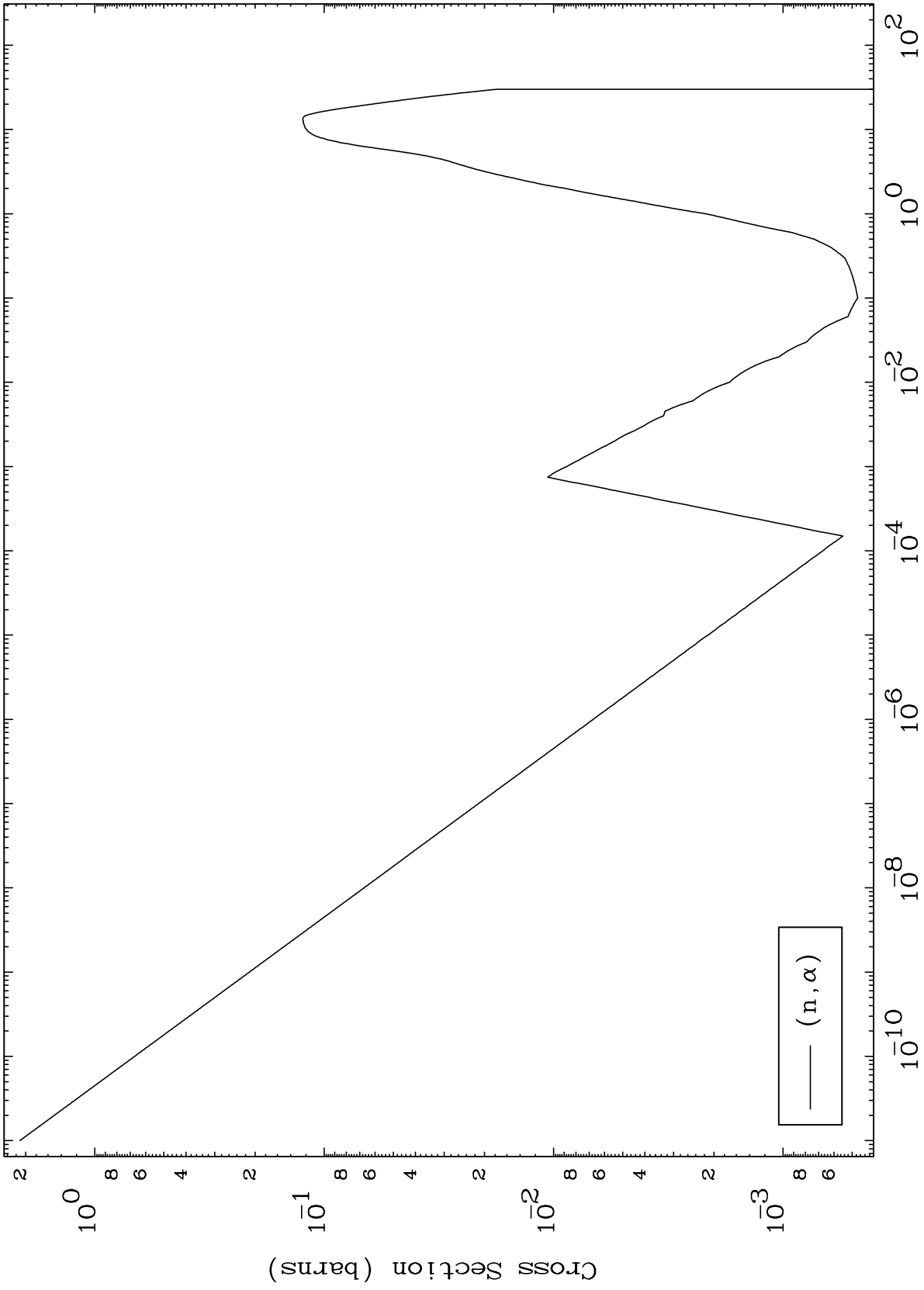
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,α) Levels
293 Kelvin Cross Sections

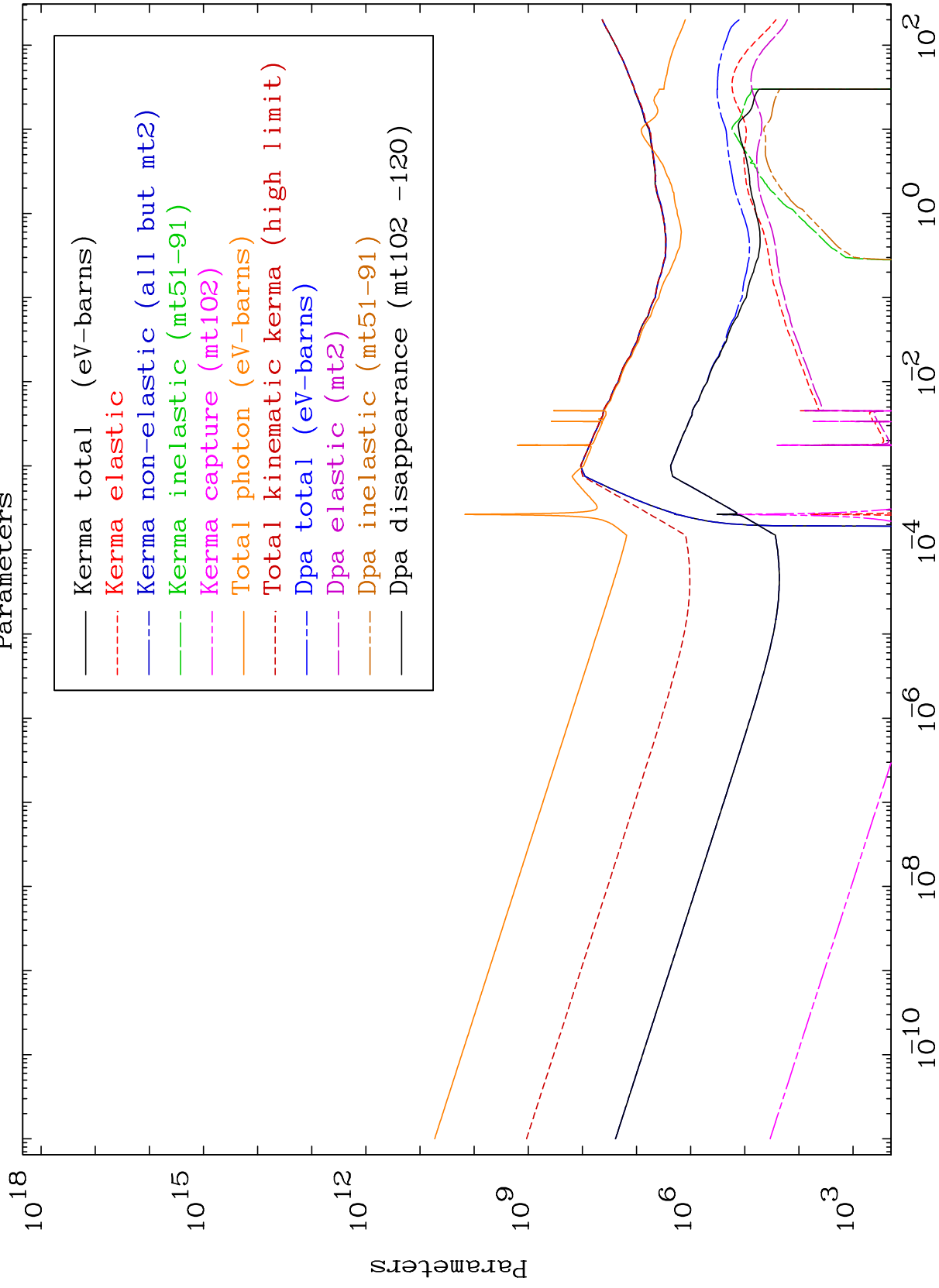
24-Cr-49



13

Incident Energy (MeV)

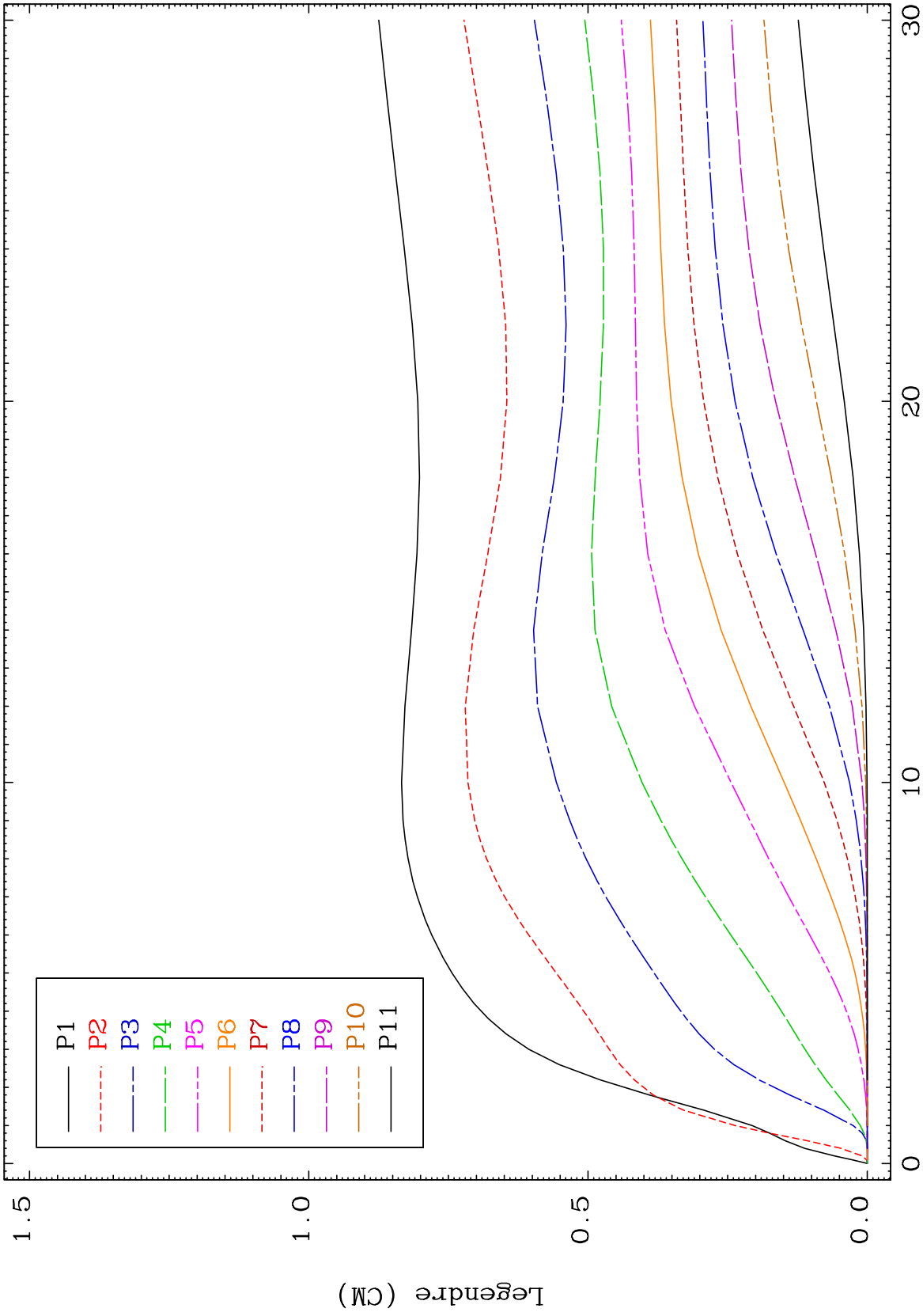
24-Cr-49



MAT 2422

Elastic Legendre Coefficients

24-Cr-49



15

Incident Energy (MeV)

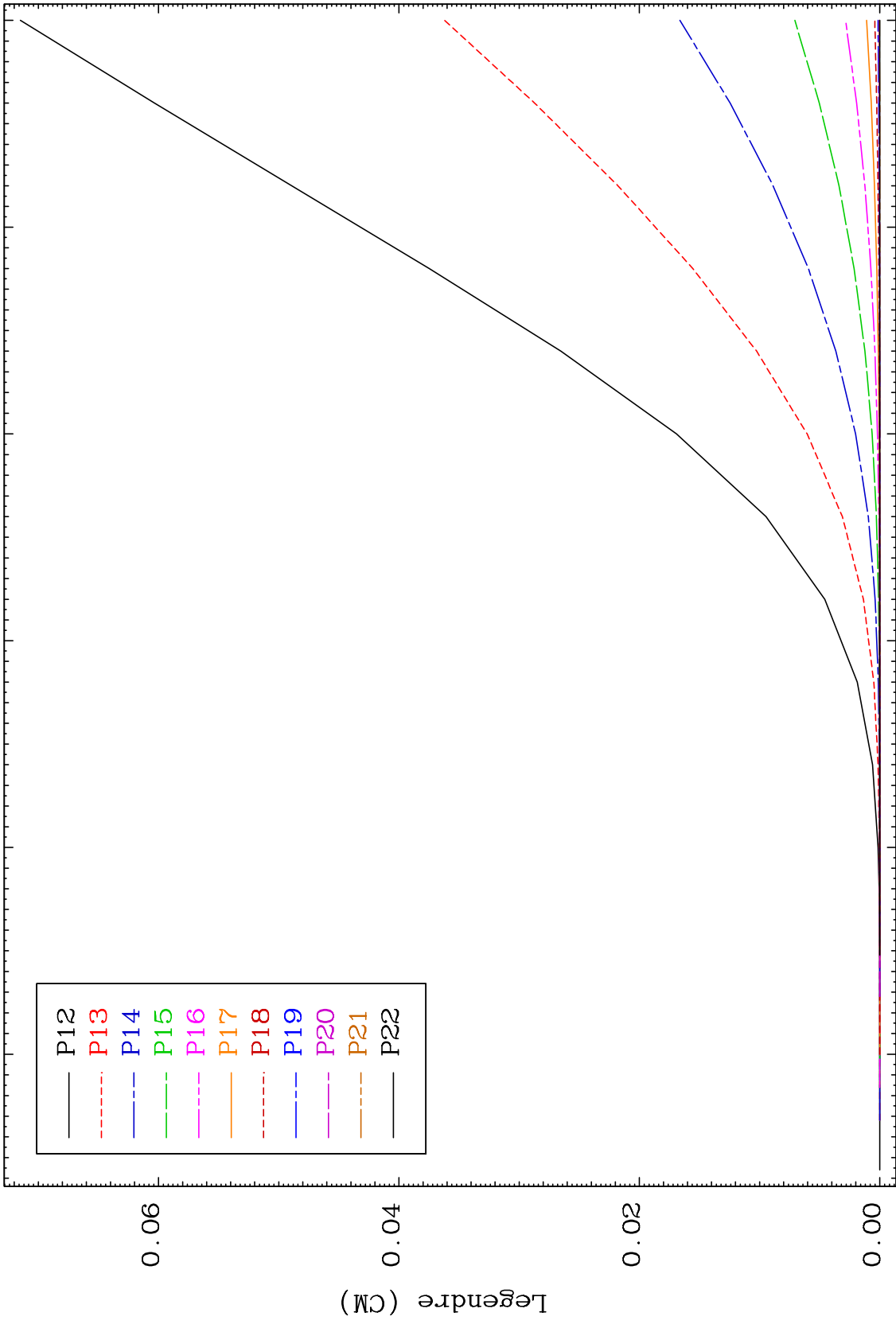
24-Cr-49

30

MAT 2422

Elastic Legendre Coefficients

24-Cr-49



24-Cr-49

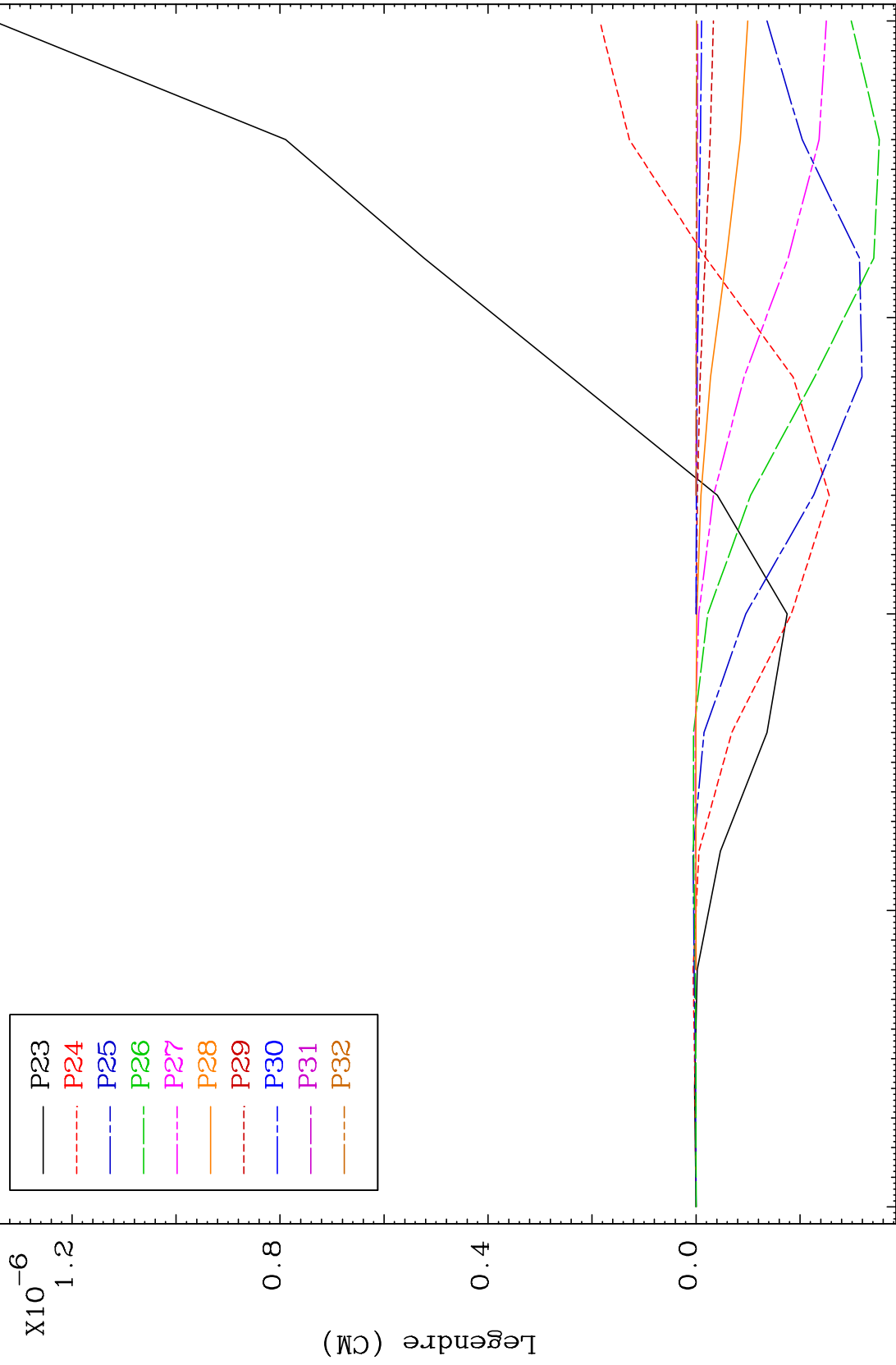
Incident Energy (MeV)

16

MAT 2422

Elastic Legendre Coefficients

24-Cr-49



17

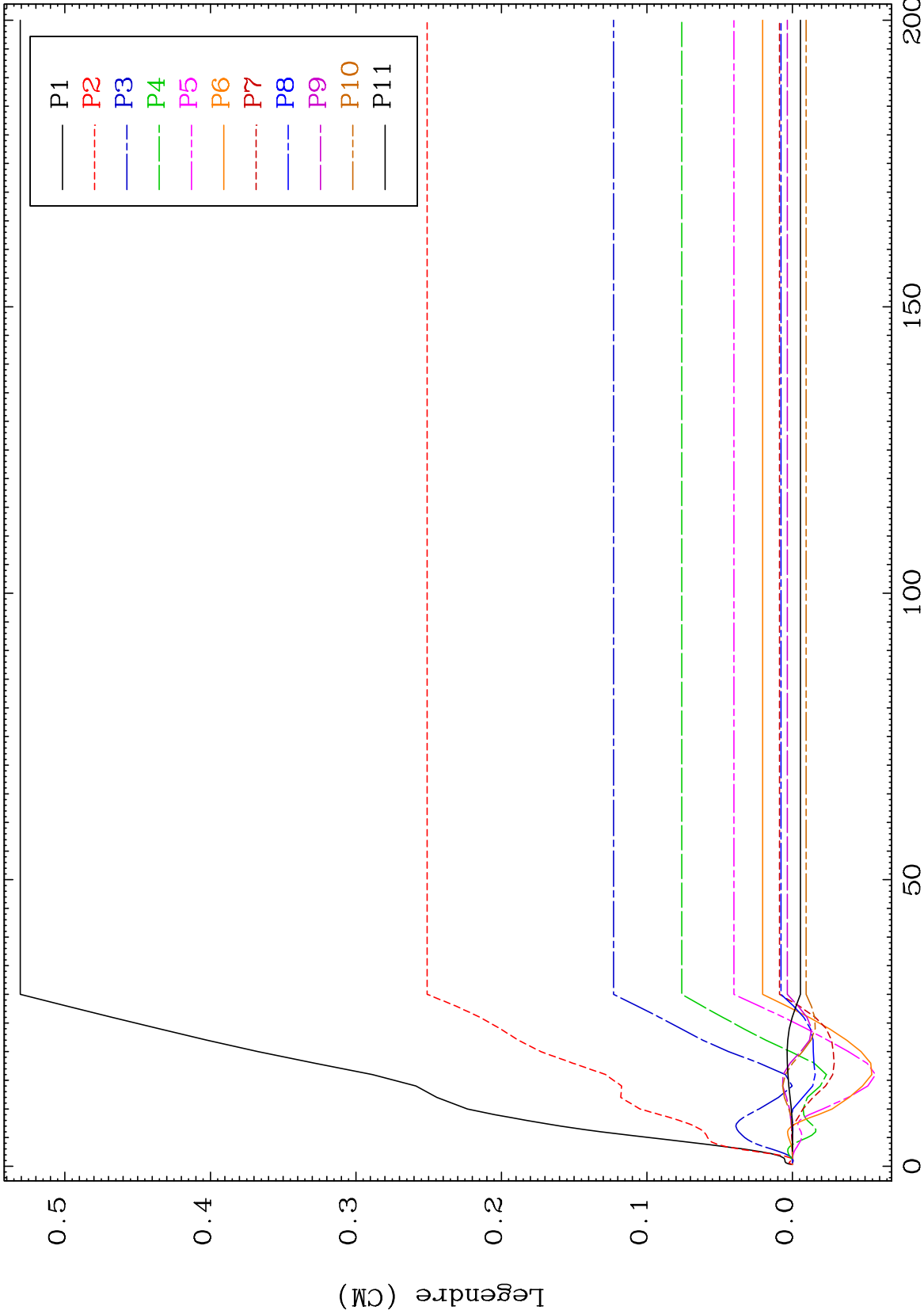
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



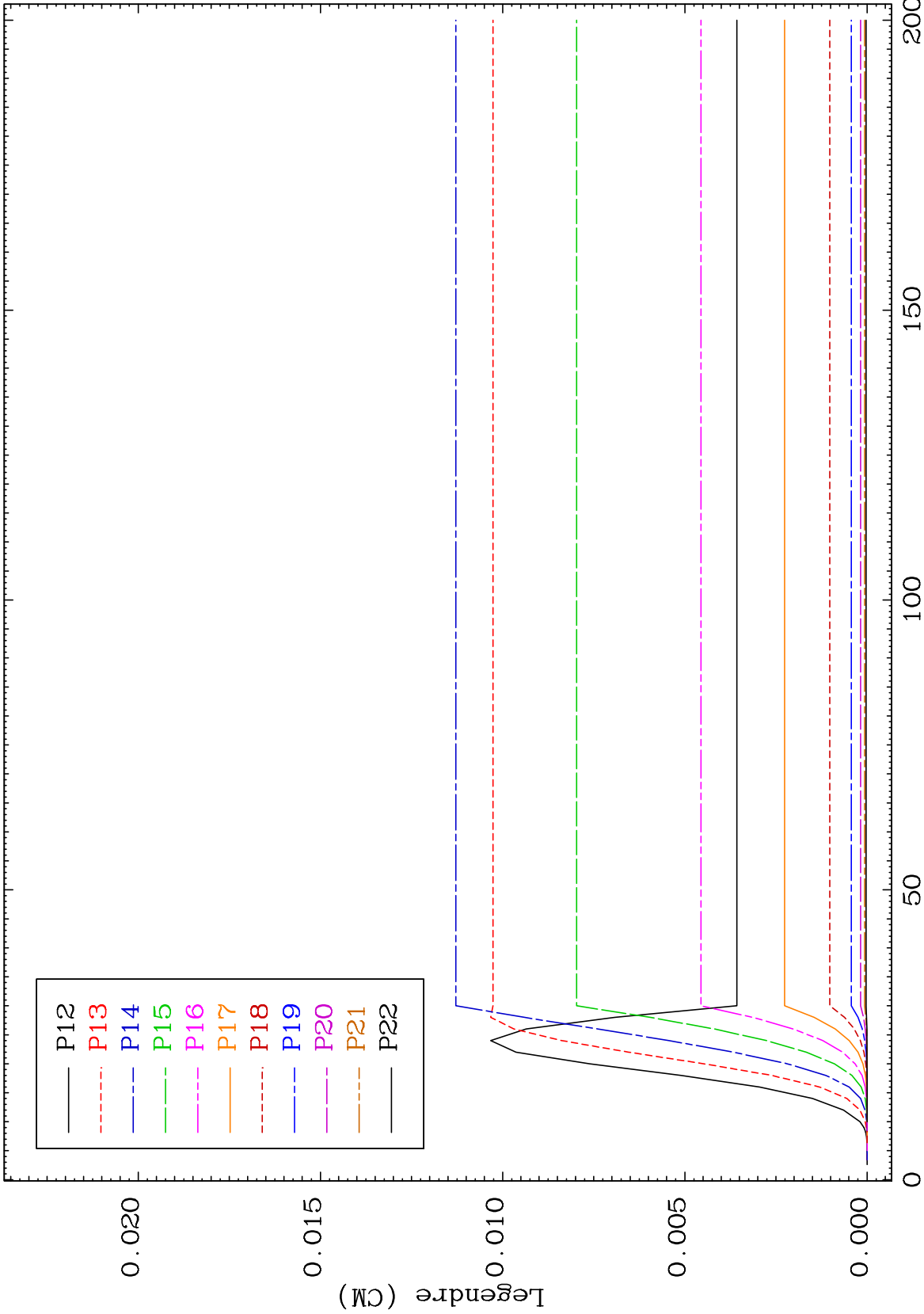
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24-Cr-49

MAT 2422

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

24-Cr-49



19

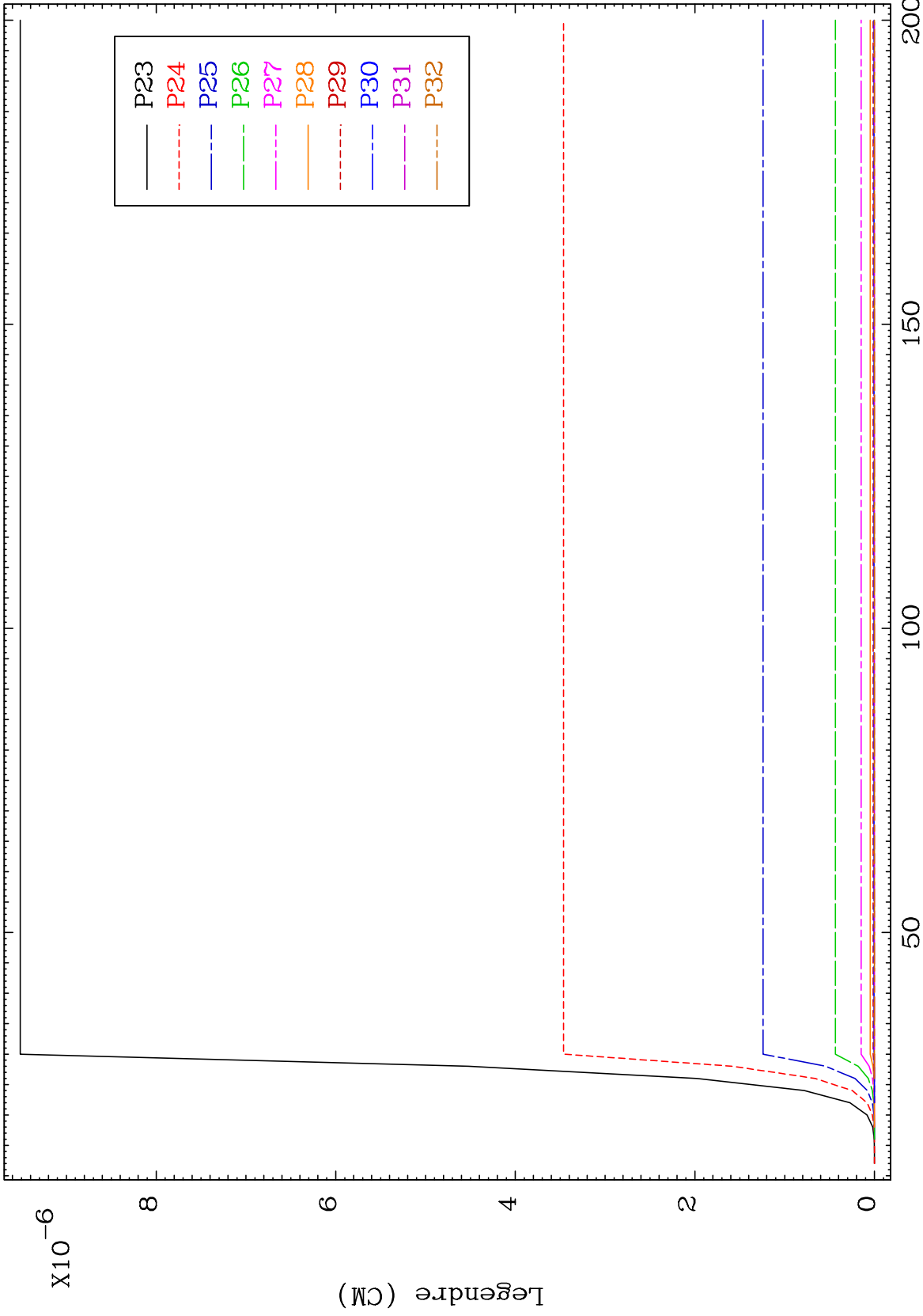
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

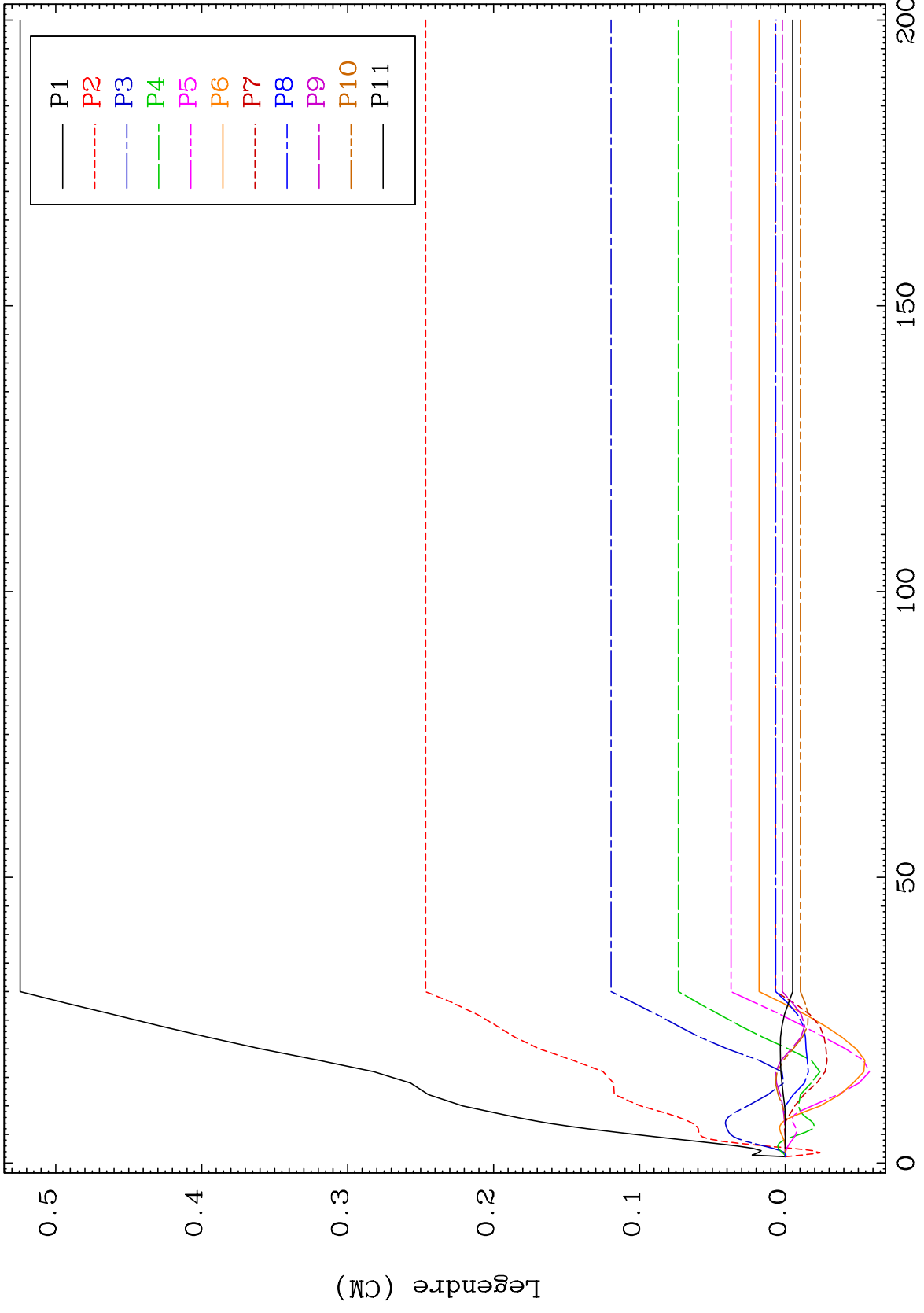
24-Cr-49



MAT 2422

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

24-Cr-49



21

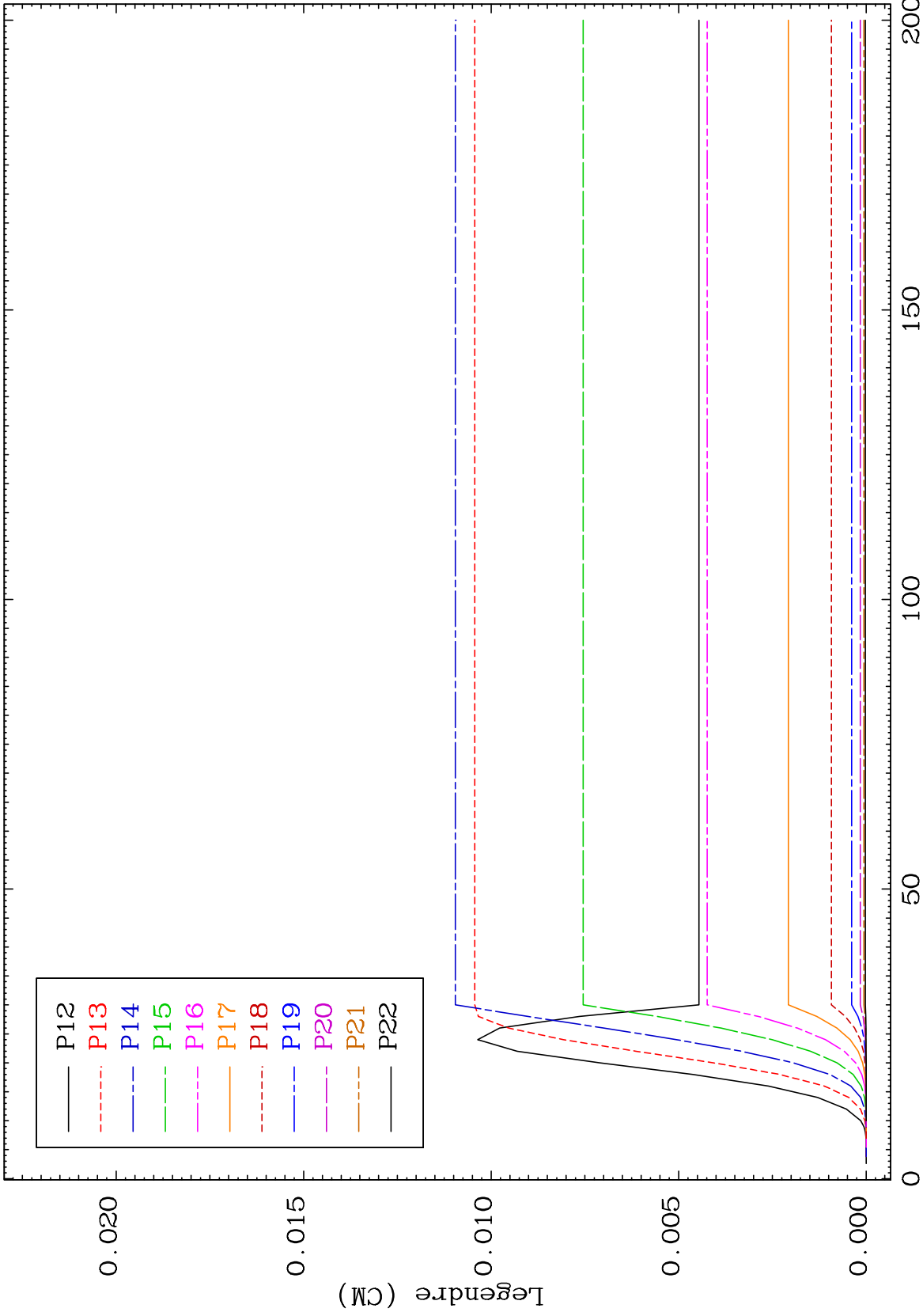
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



22

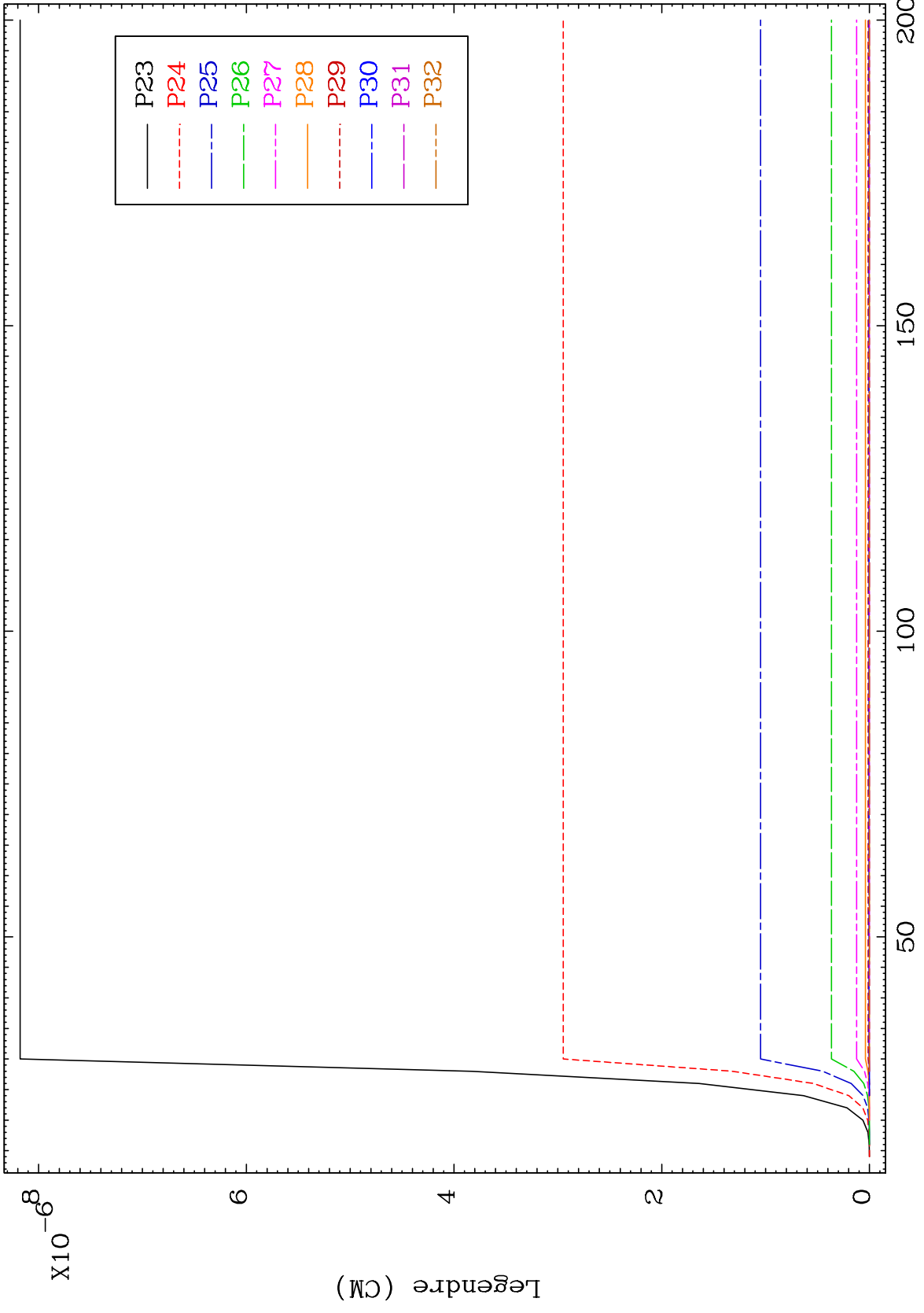
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

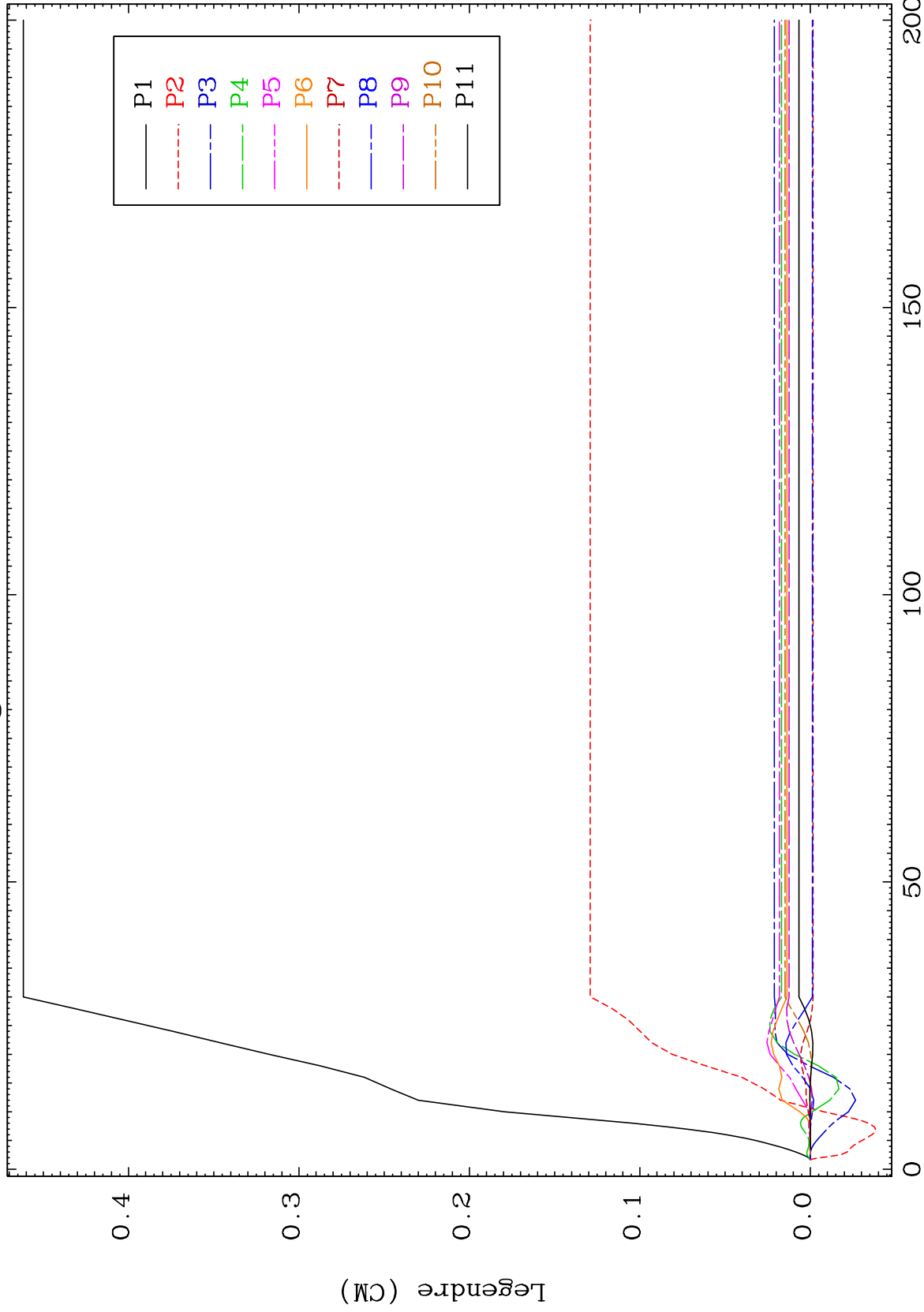
24-Cr-49



MAT 2422

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

24-Cr-49



24

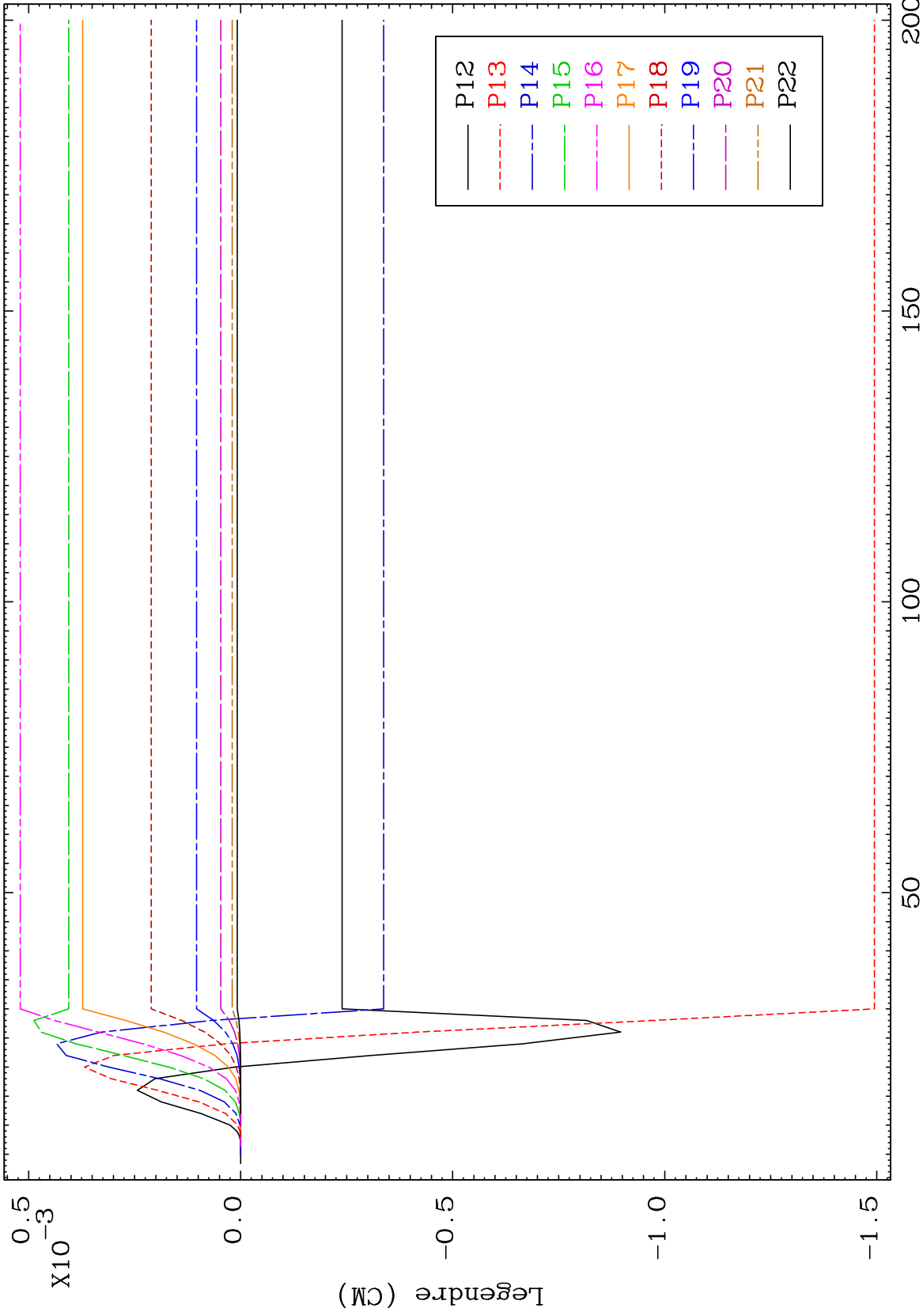
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



25

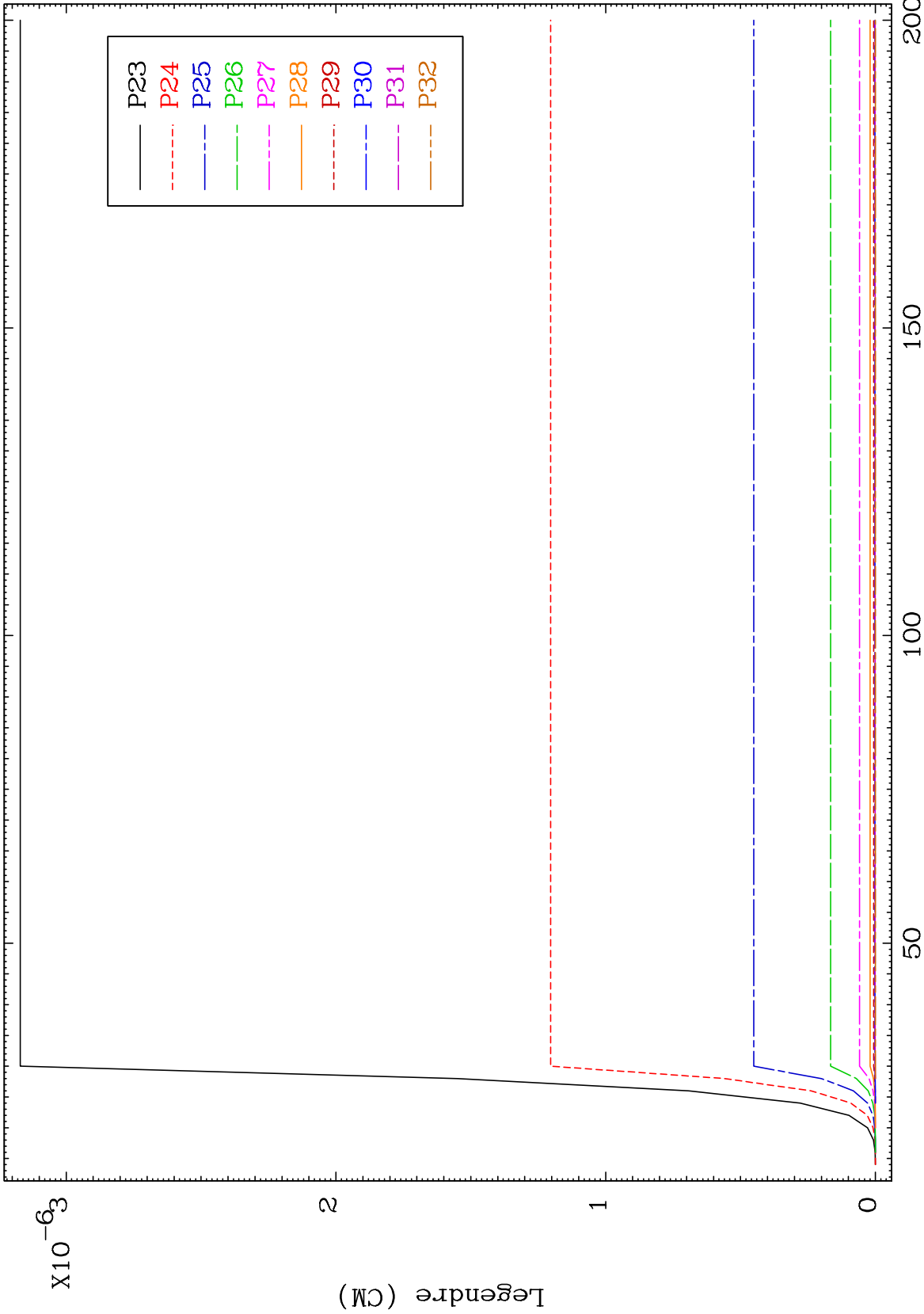
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



26

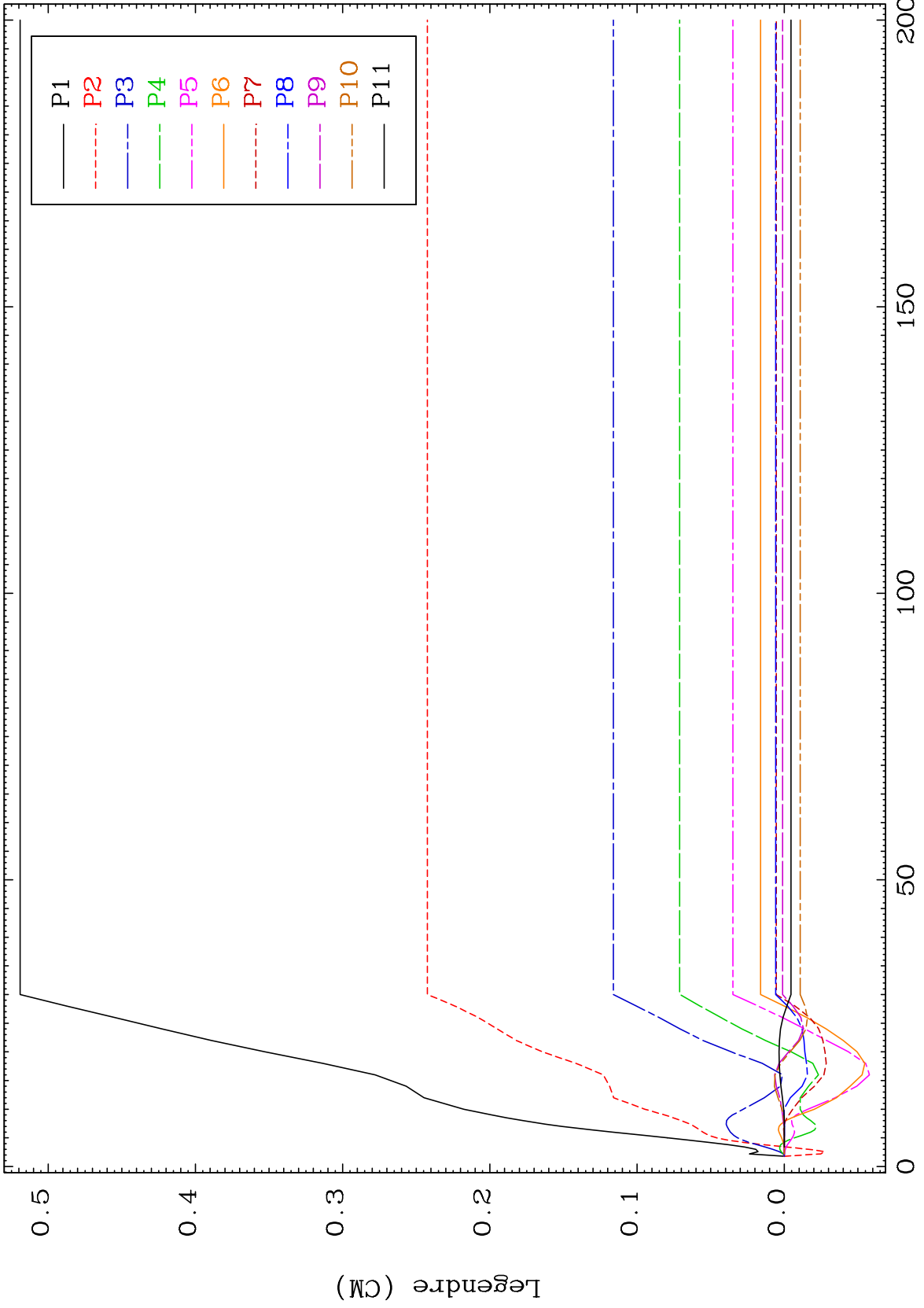
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



27

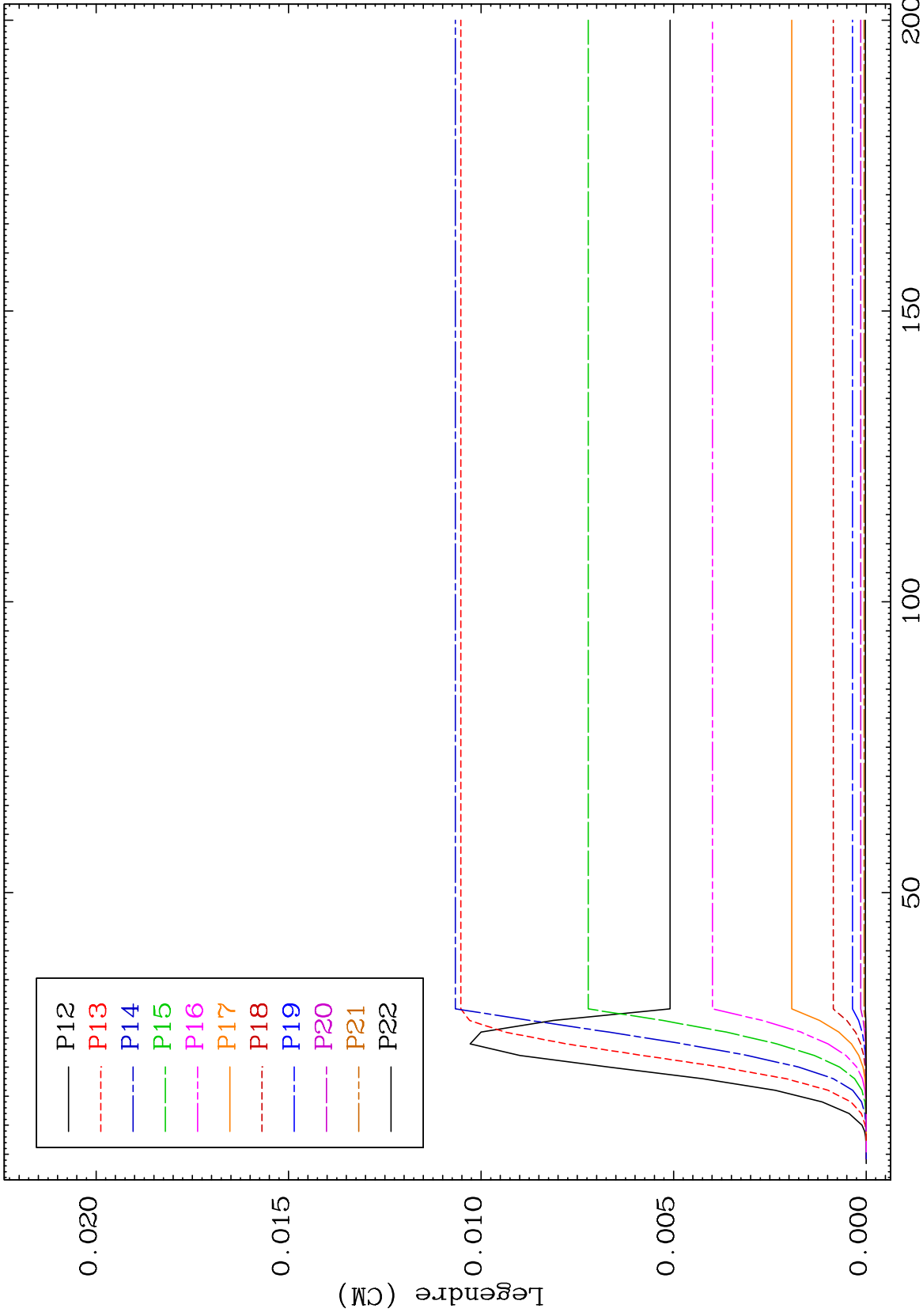
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



28

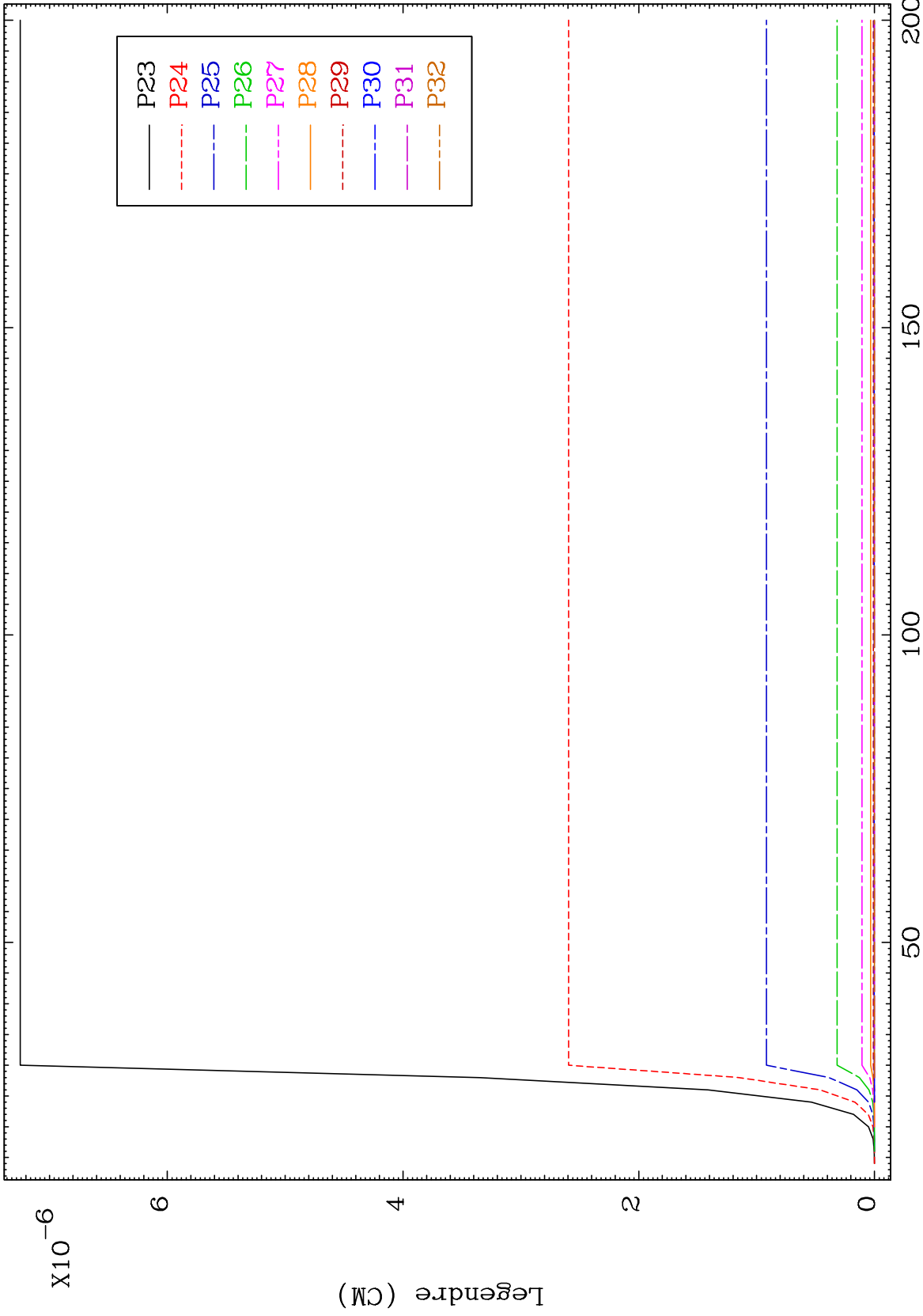
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



29

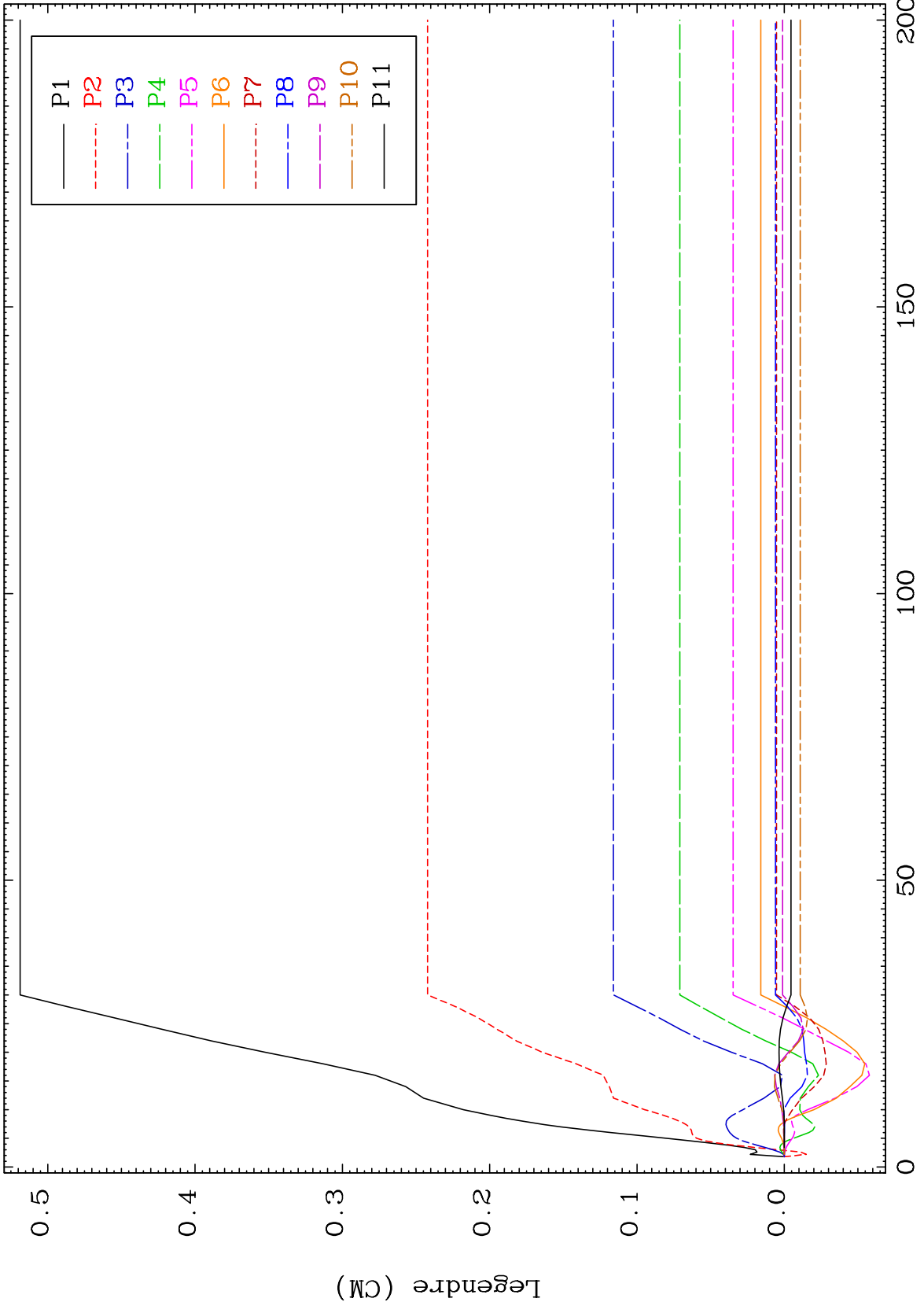
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



24-Cr-49

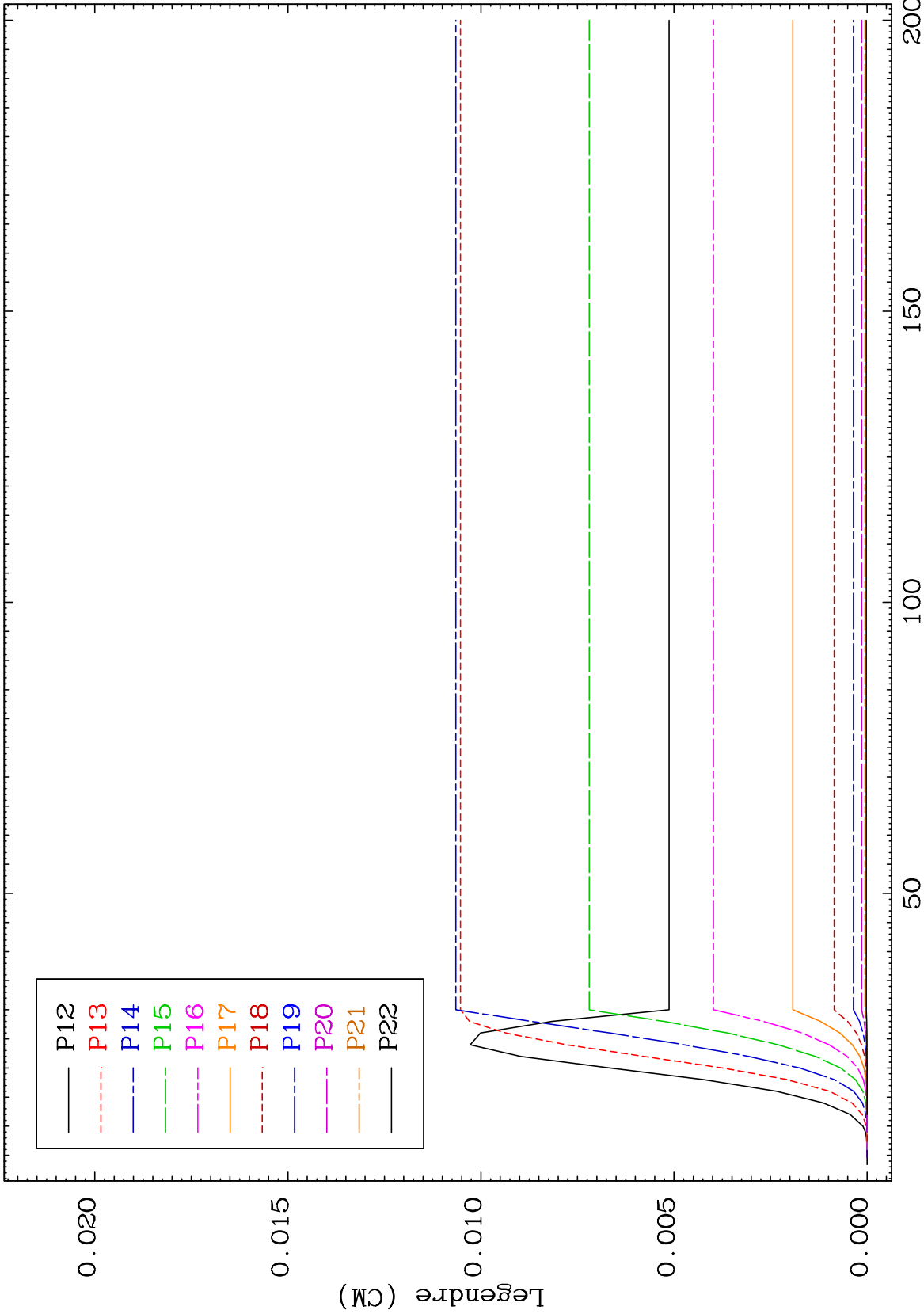
Incident Energy (MeV)

30

MAT 2422

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

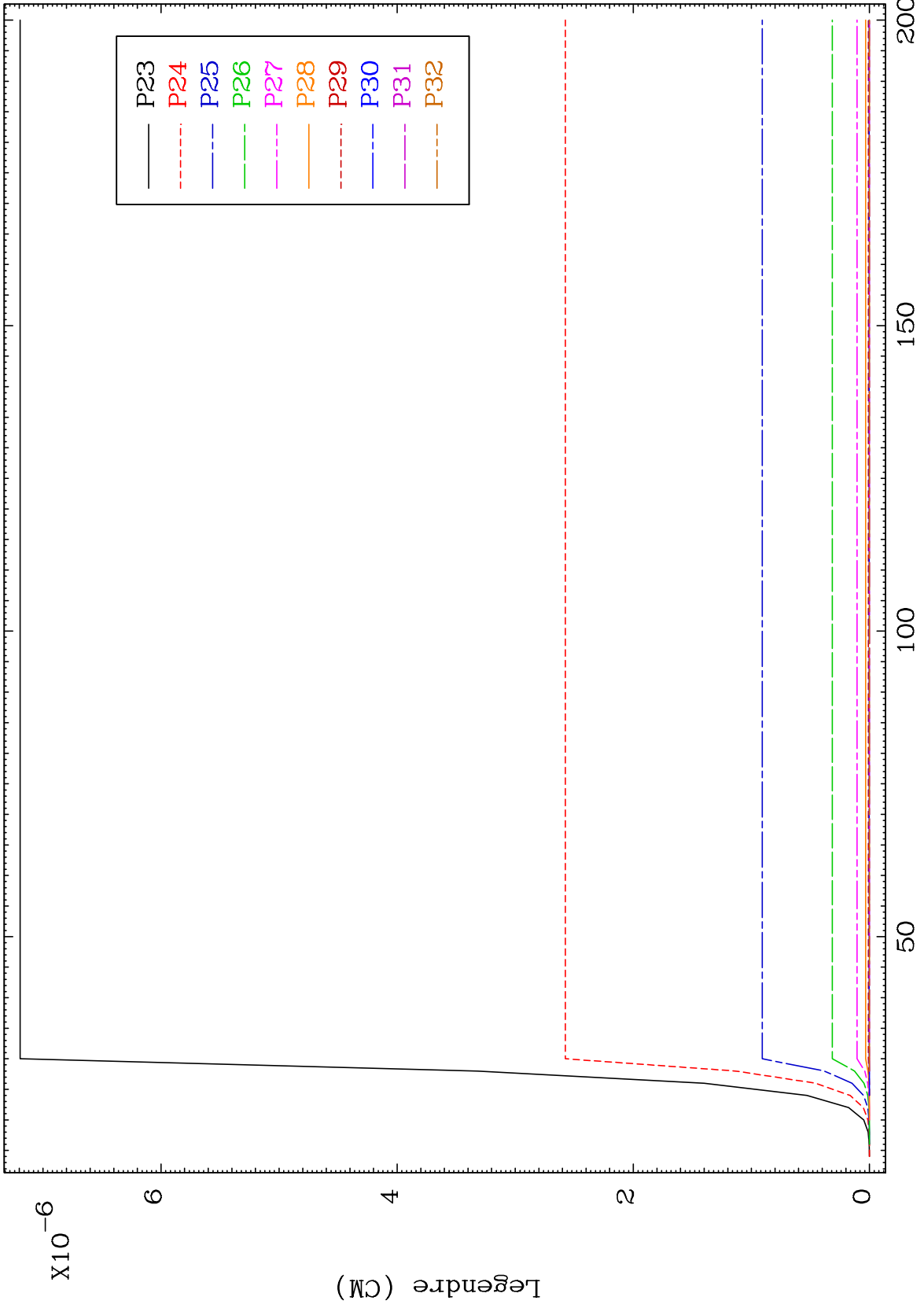
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MAT 2422

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

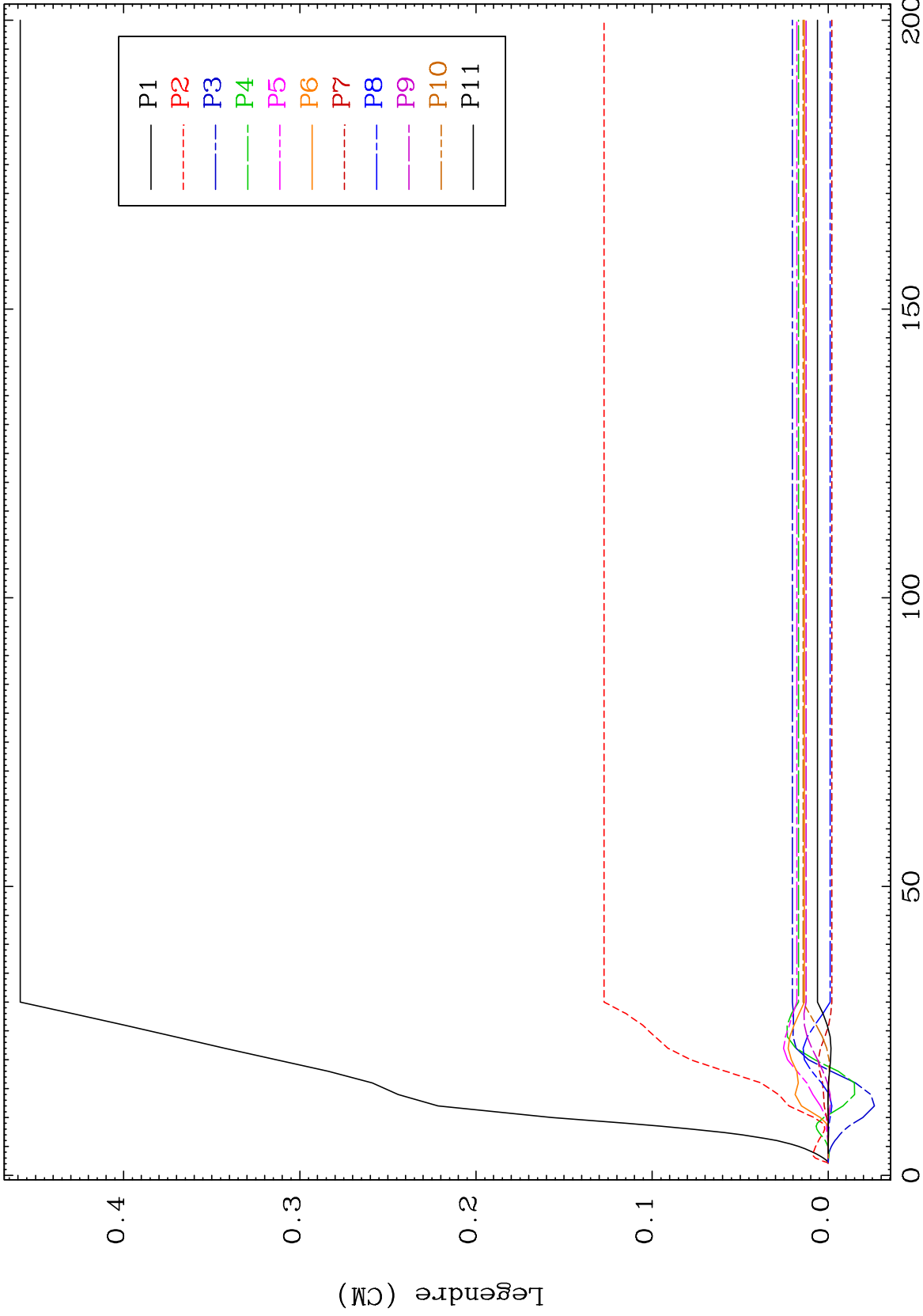
24-Cr-49



MAT 2422

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

24-Cr-49



33

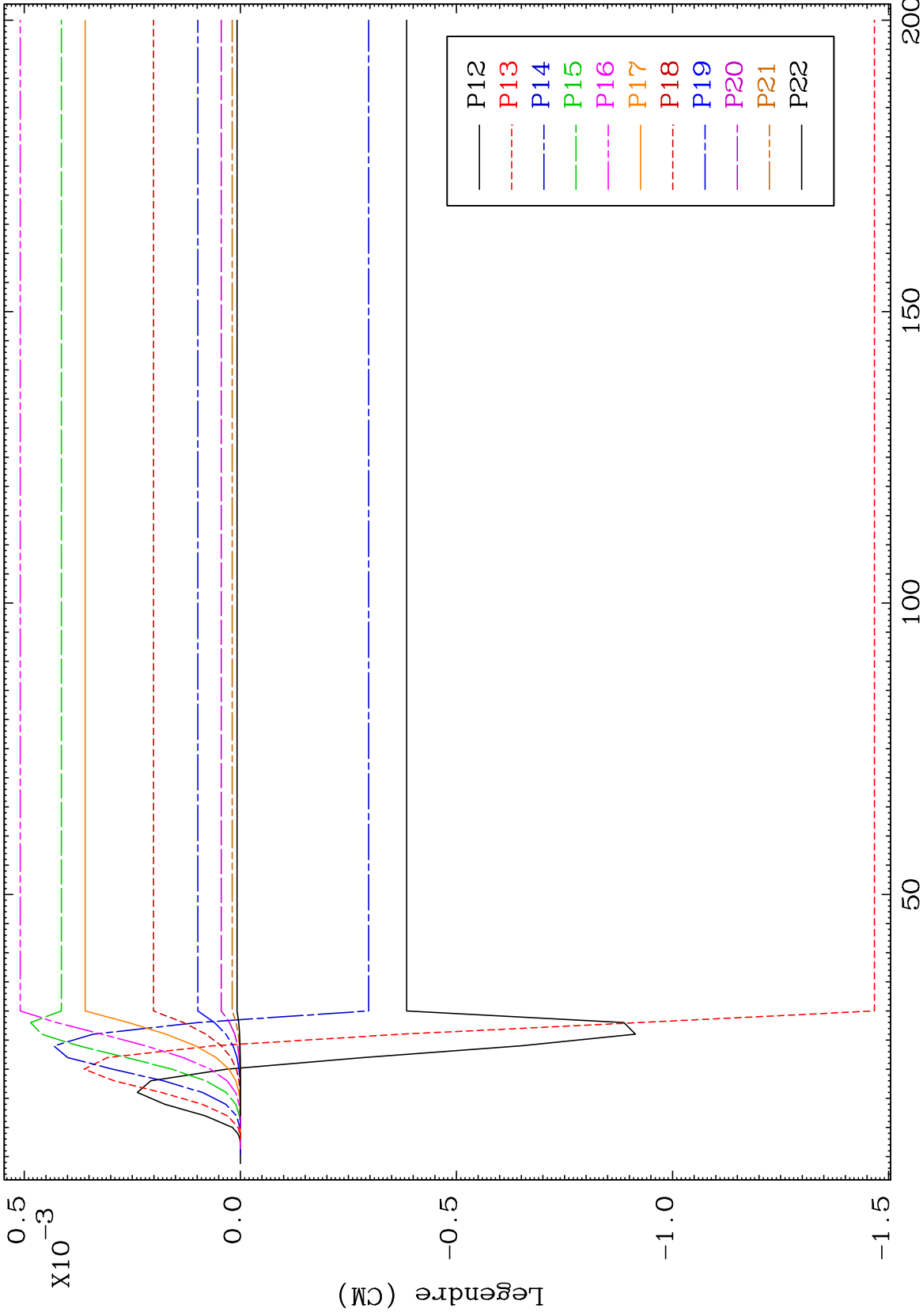
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



34

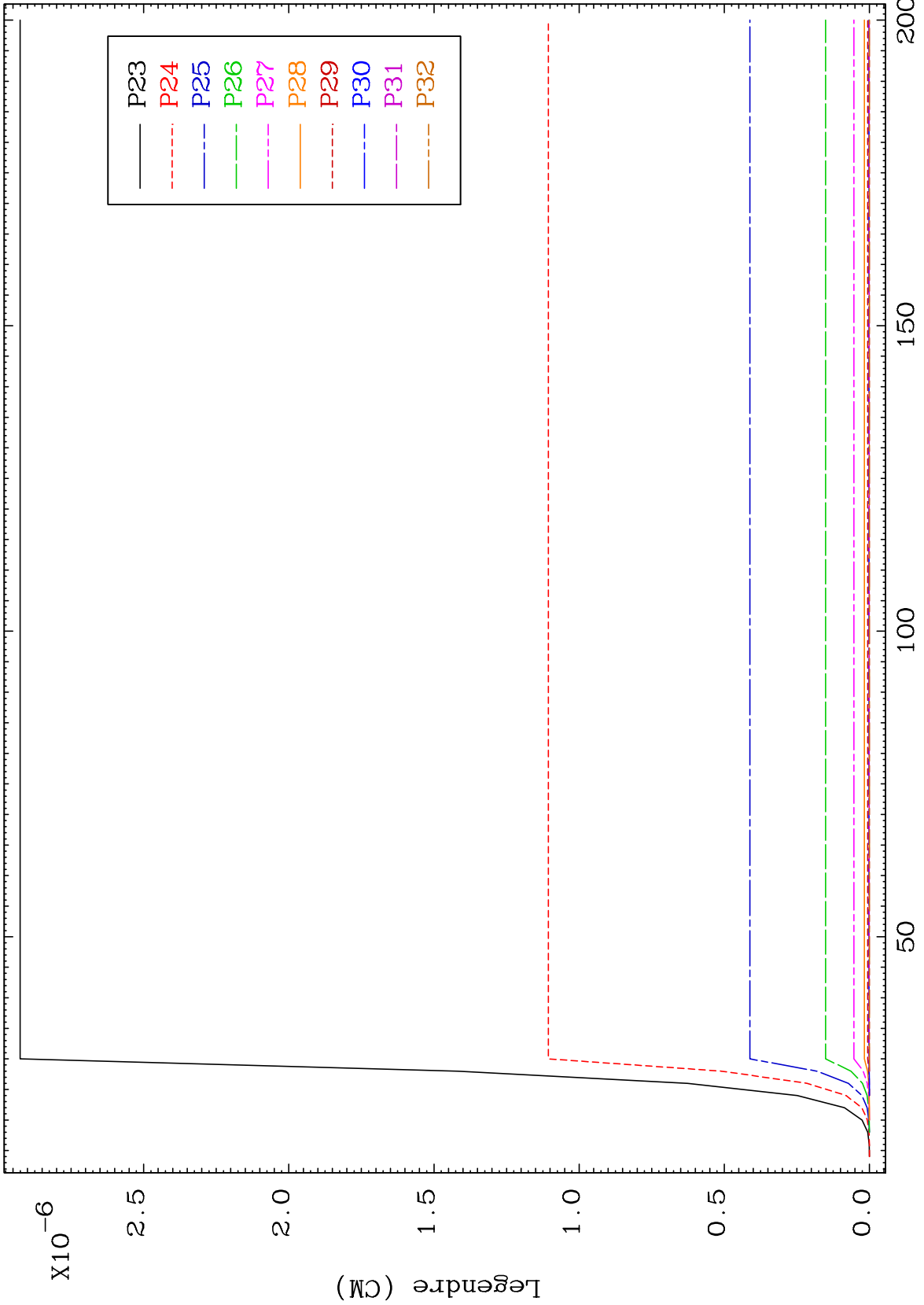
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



35

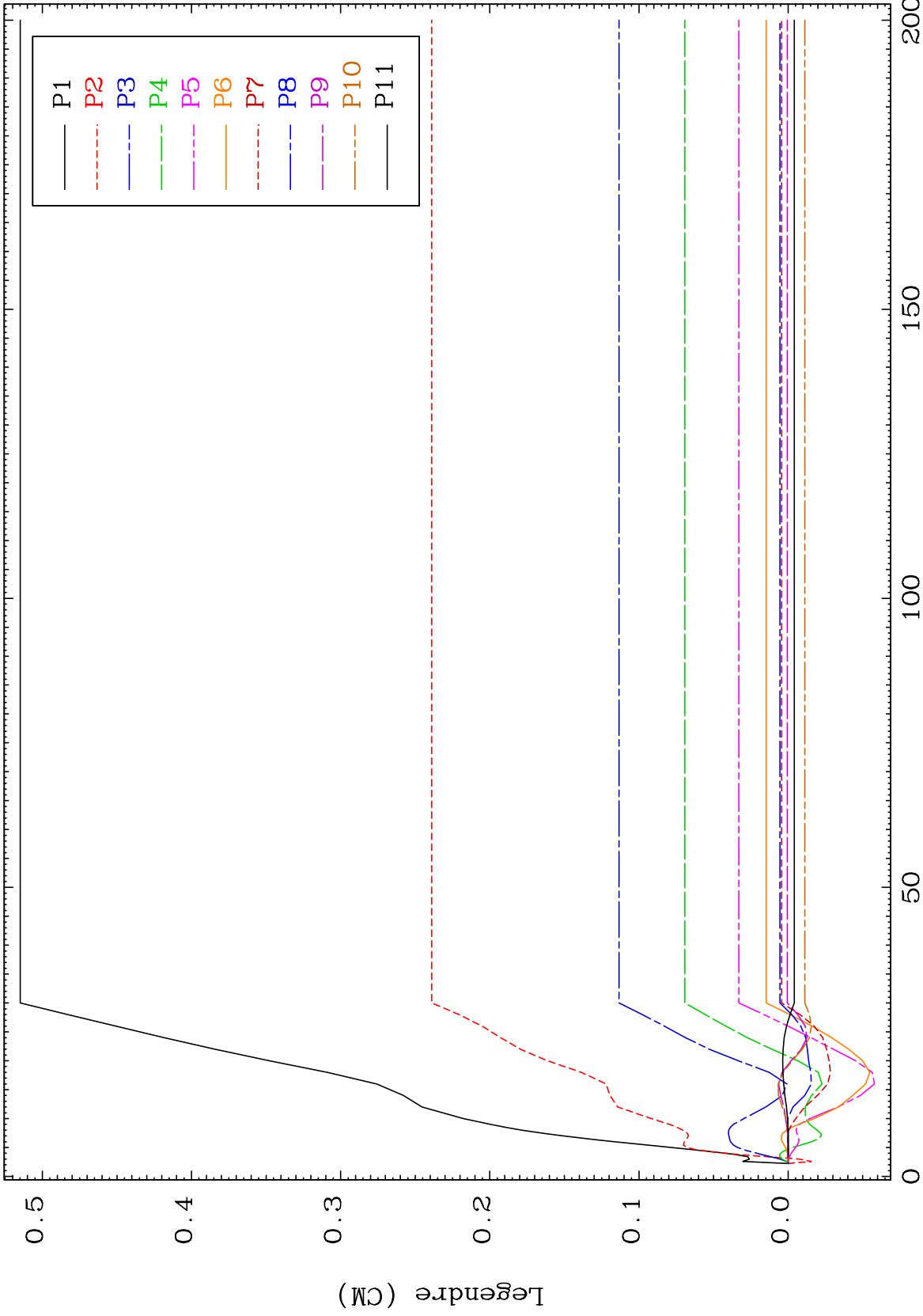
24-Cr-49

200

MAT 2422

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

24-Cr-49



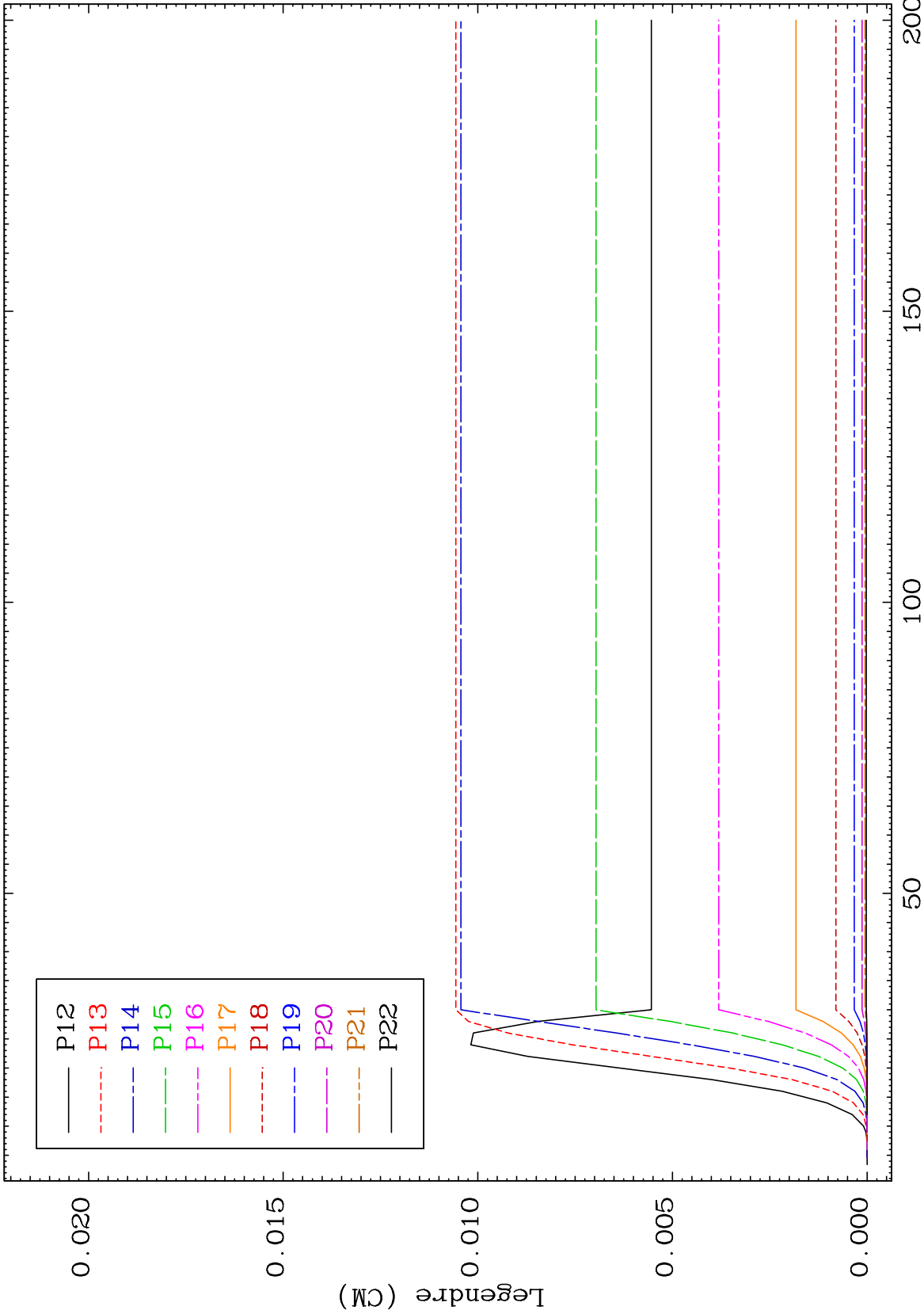
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24-Cr-49

MAT 2422

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

24-Cr-49



37

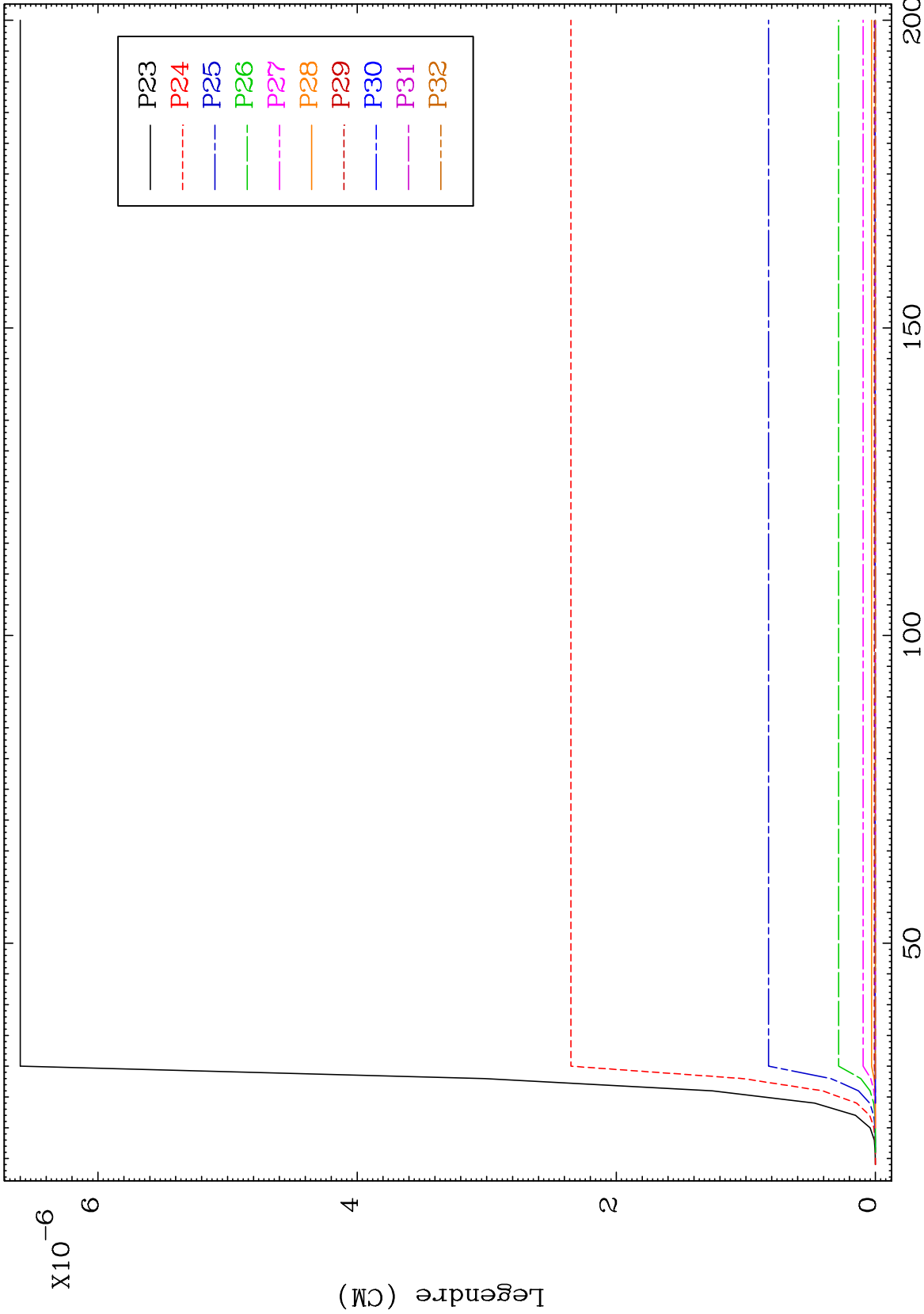
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



38

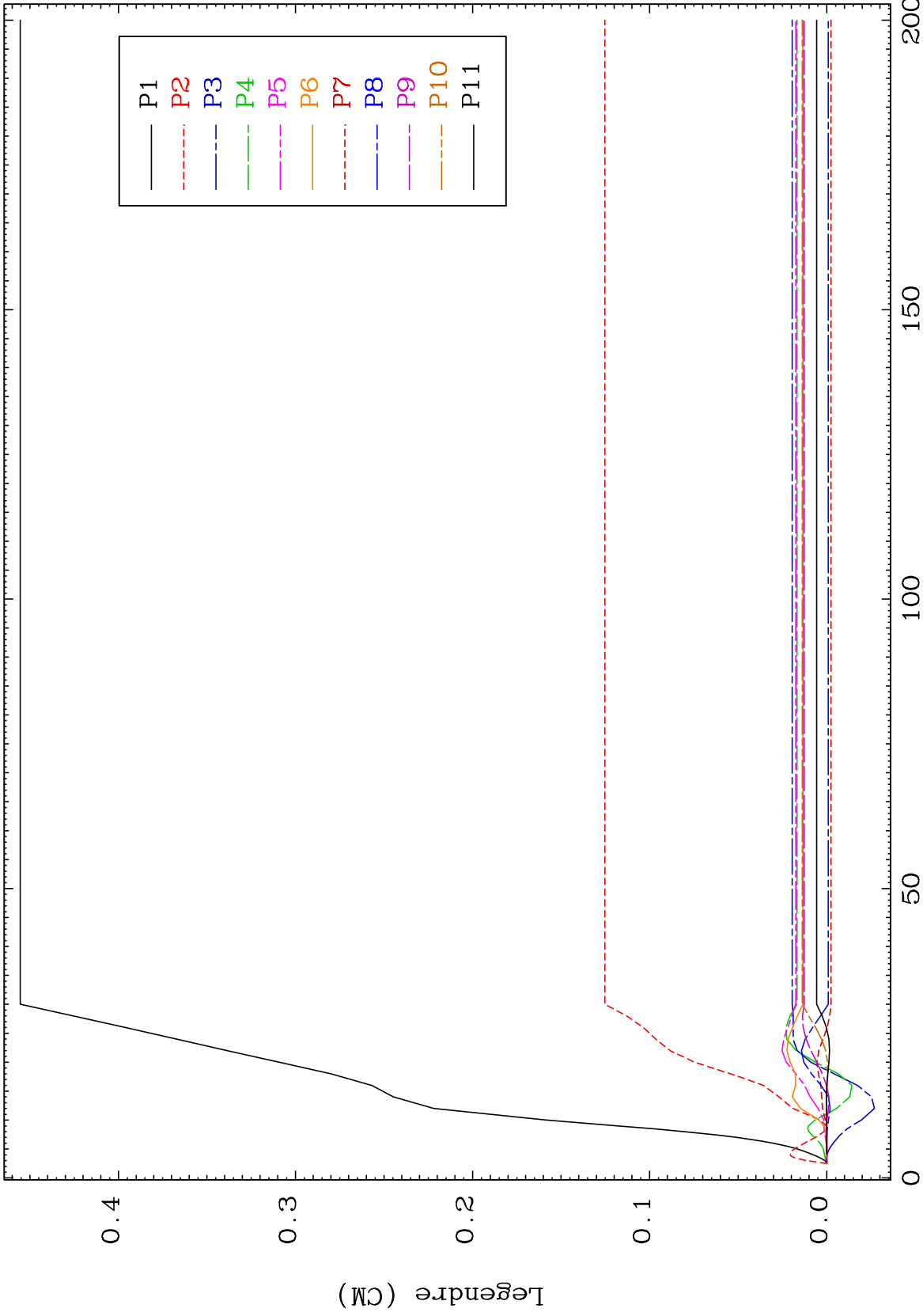
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



39

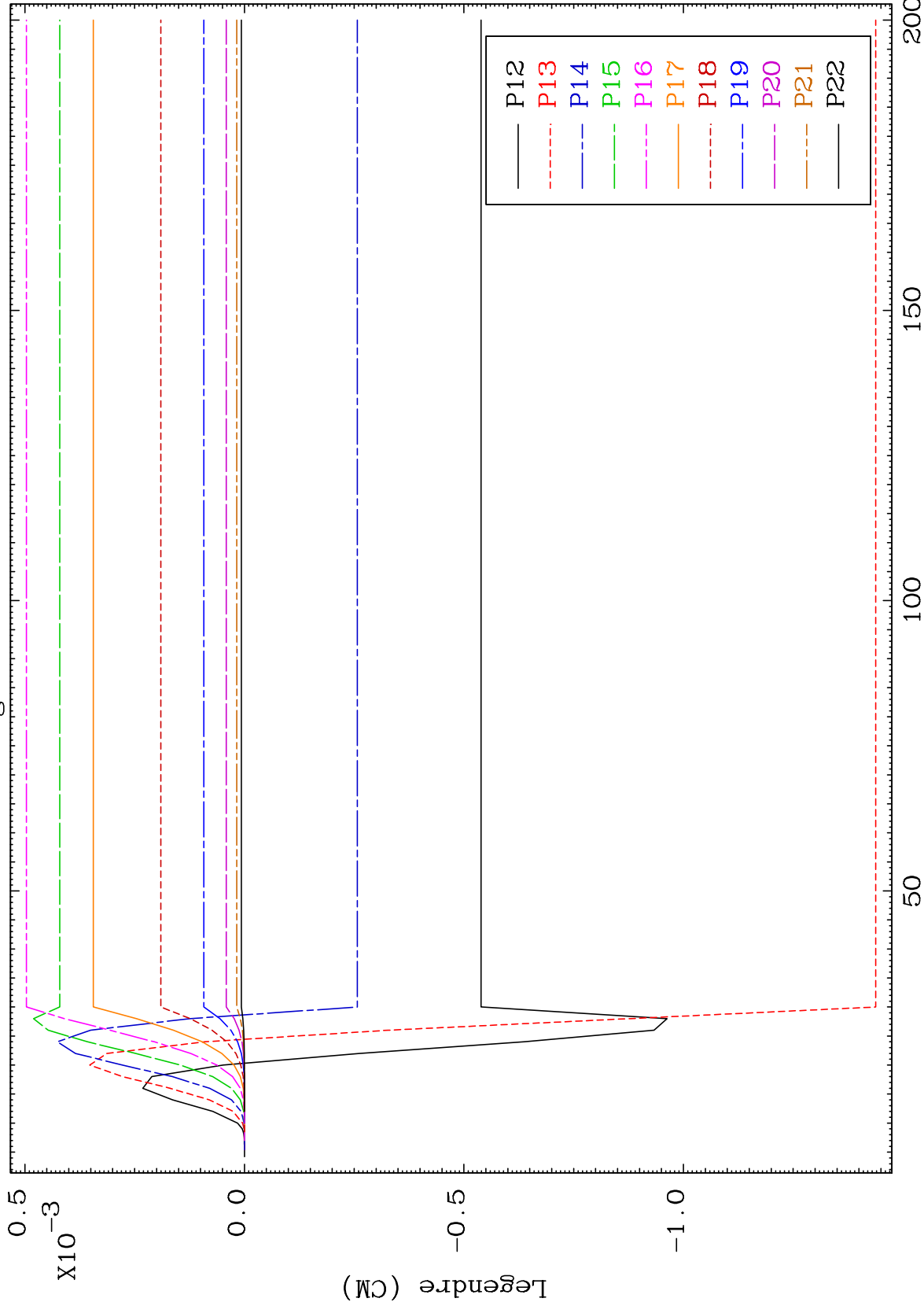
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



40

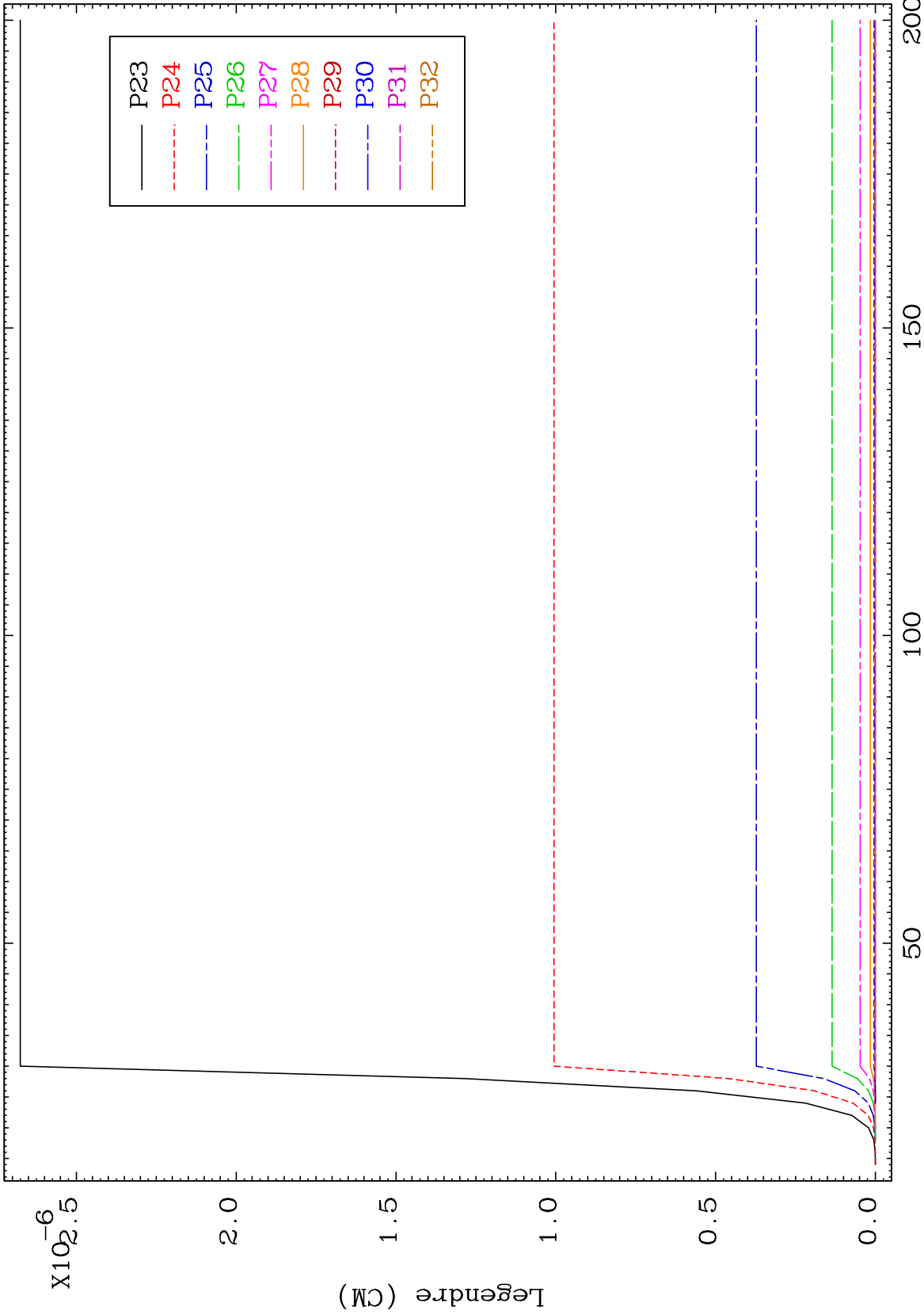
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



41

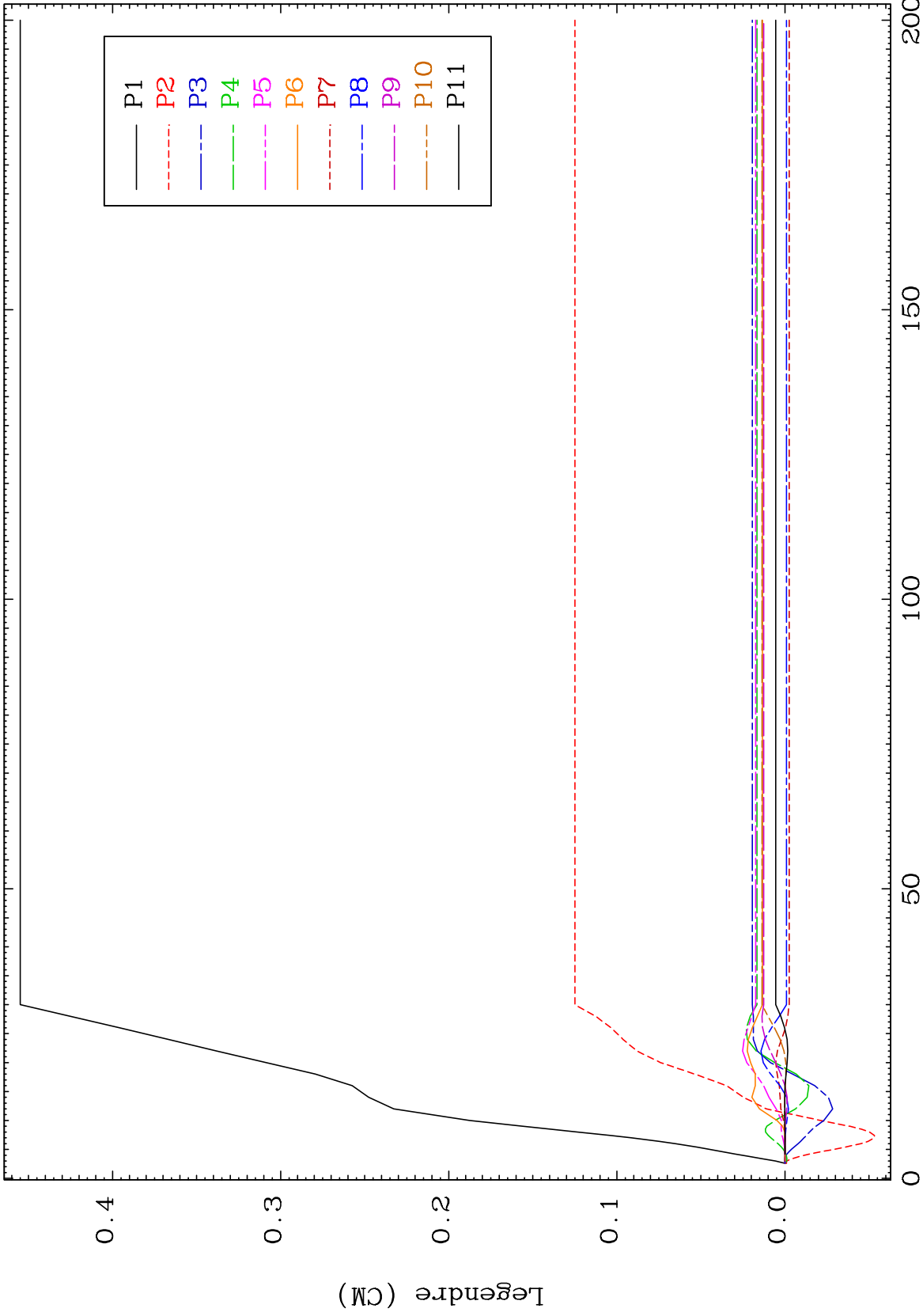
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



42

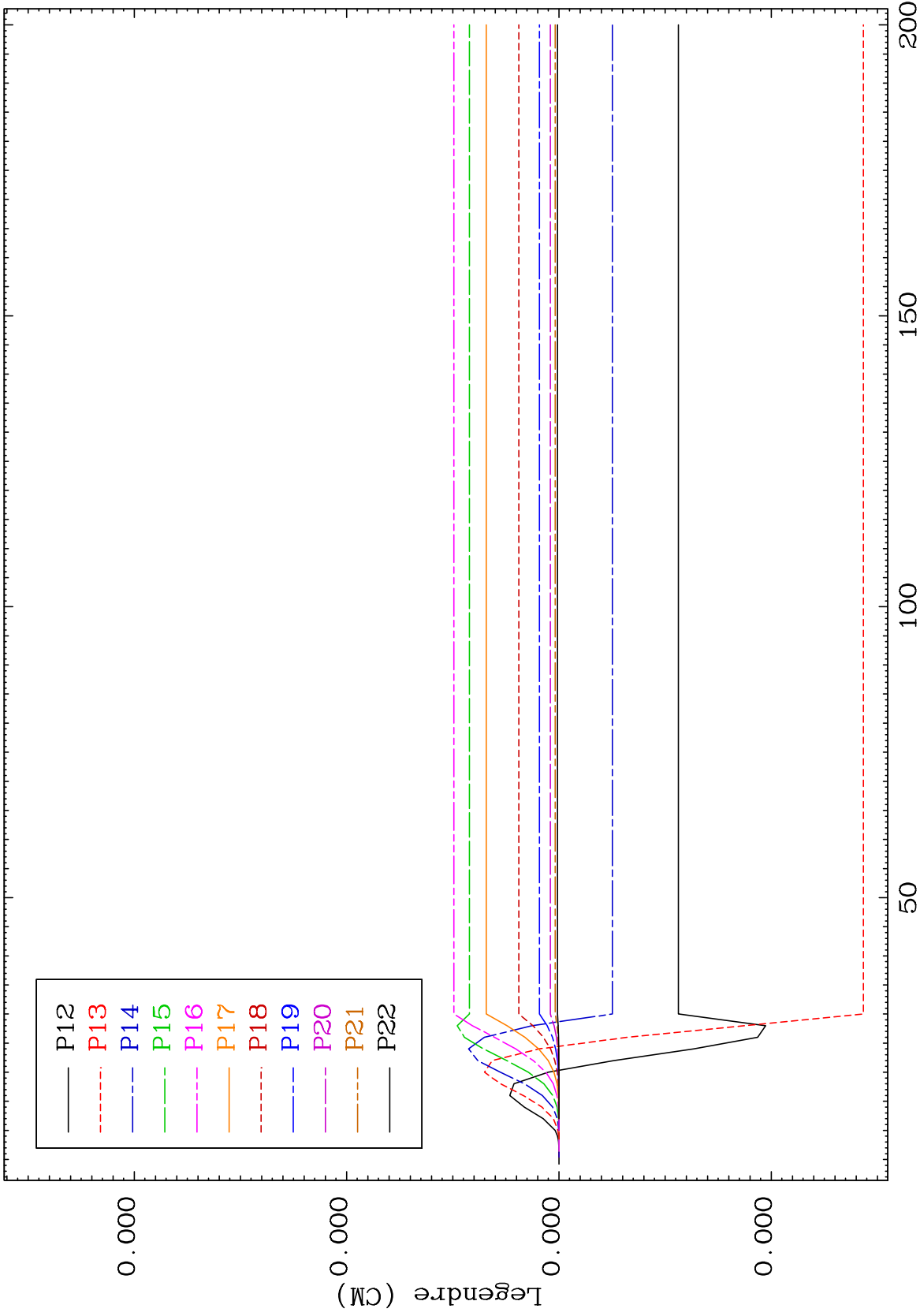
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



43

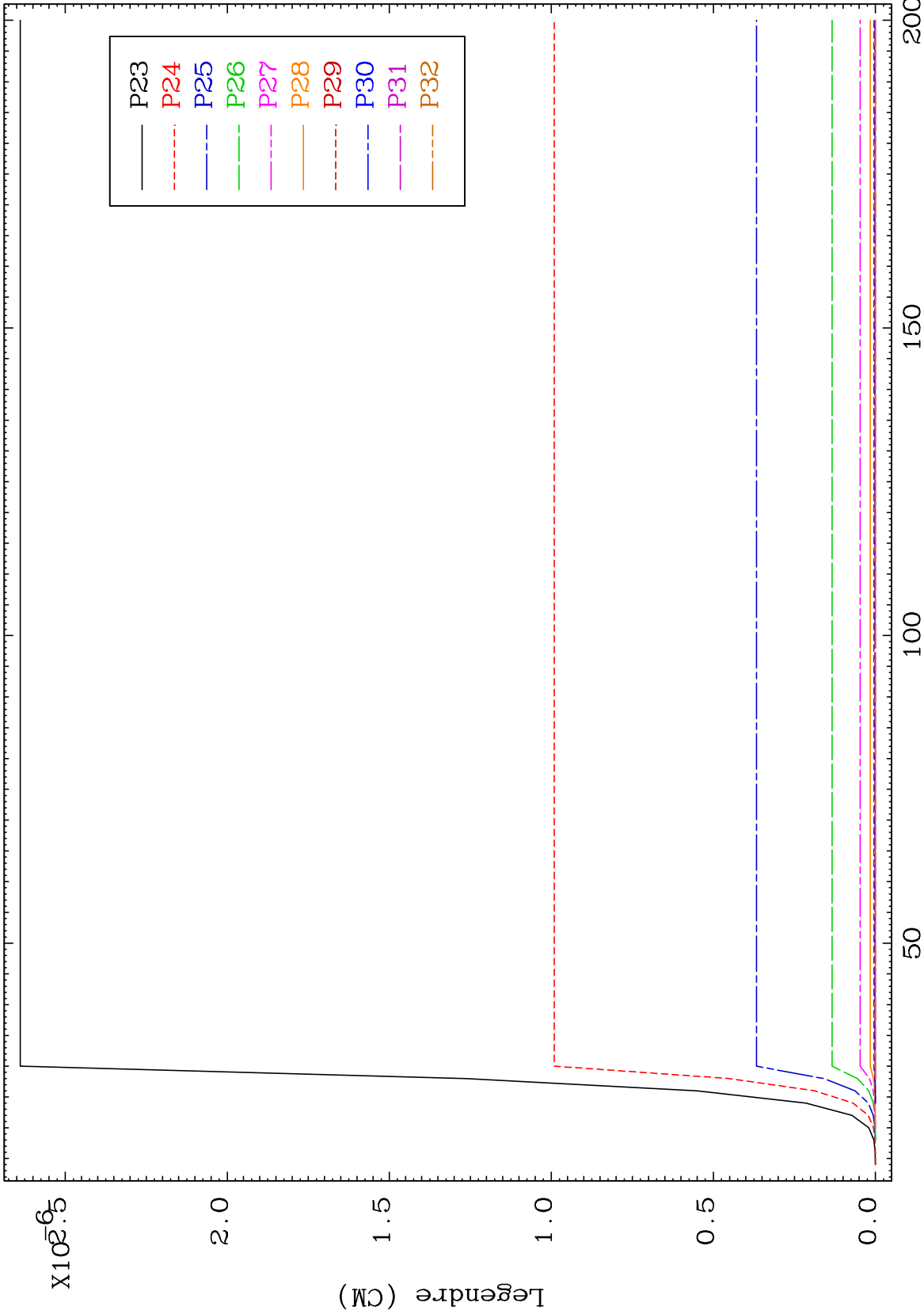
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



44

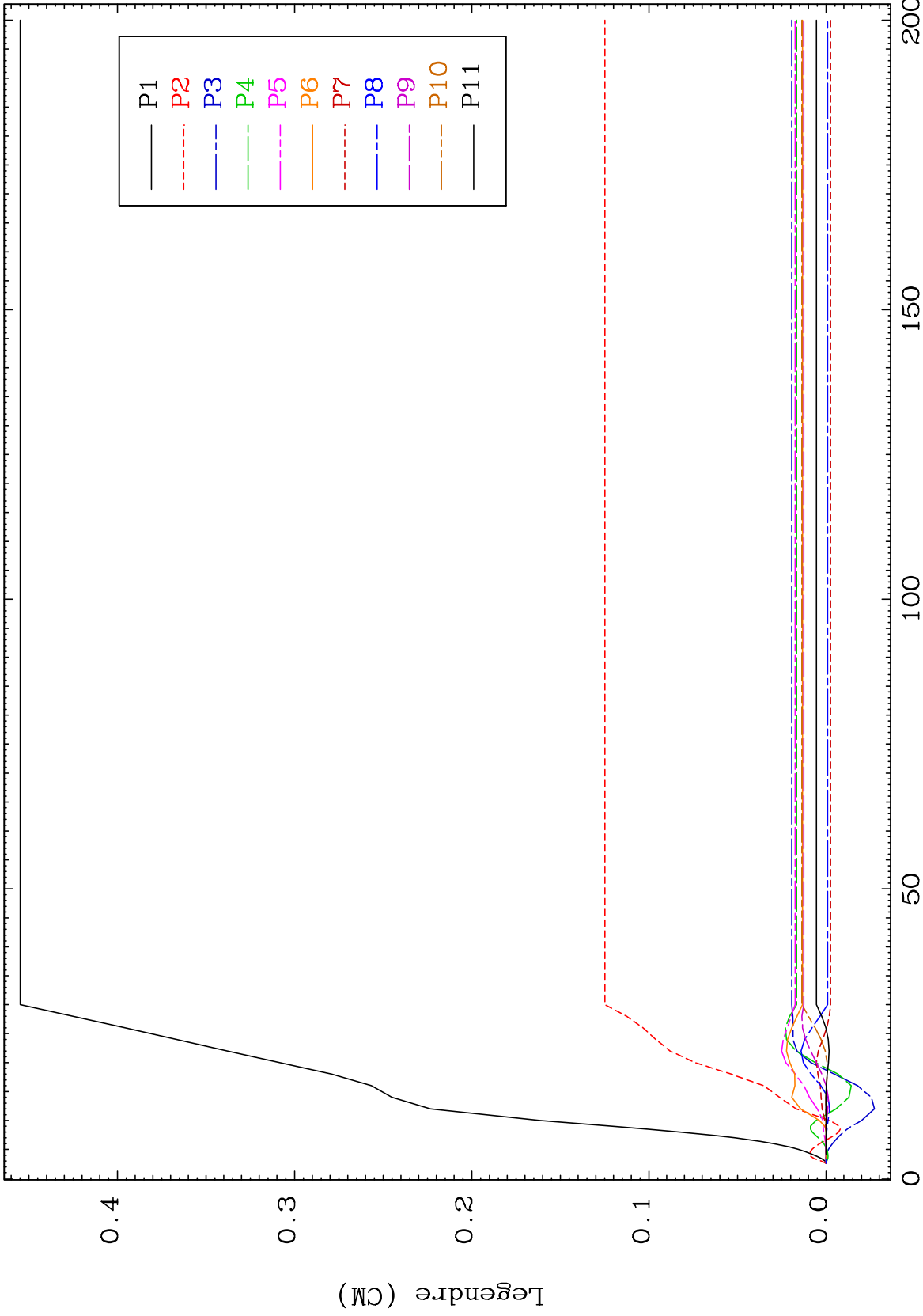
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



45

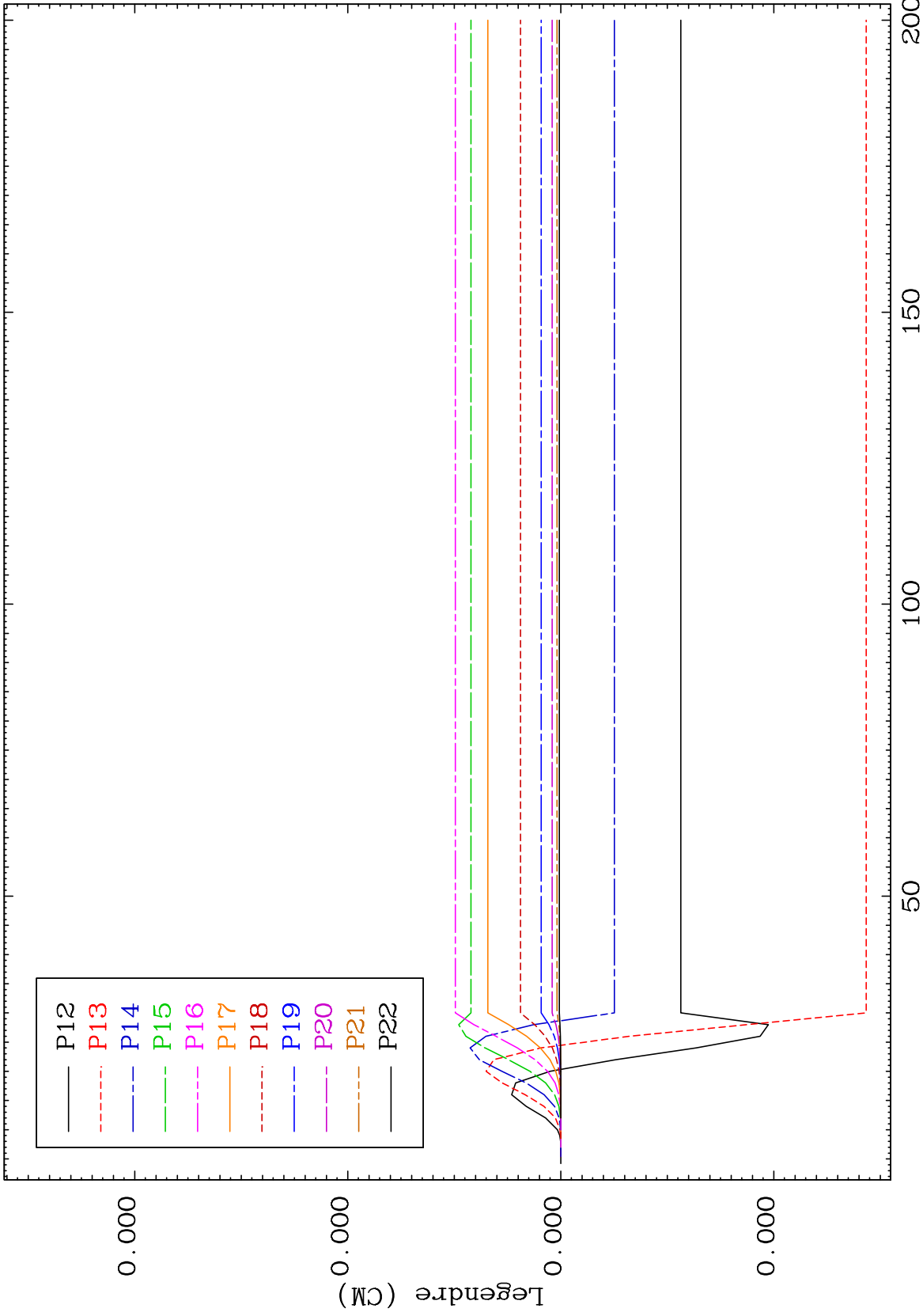
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

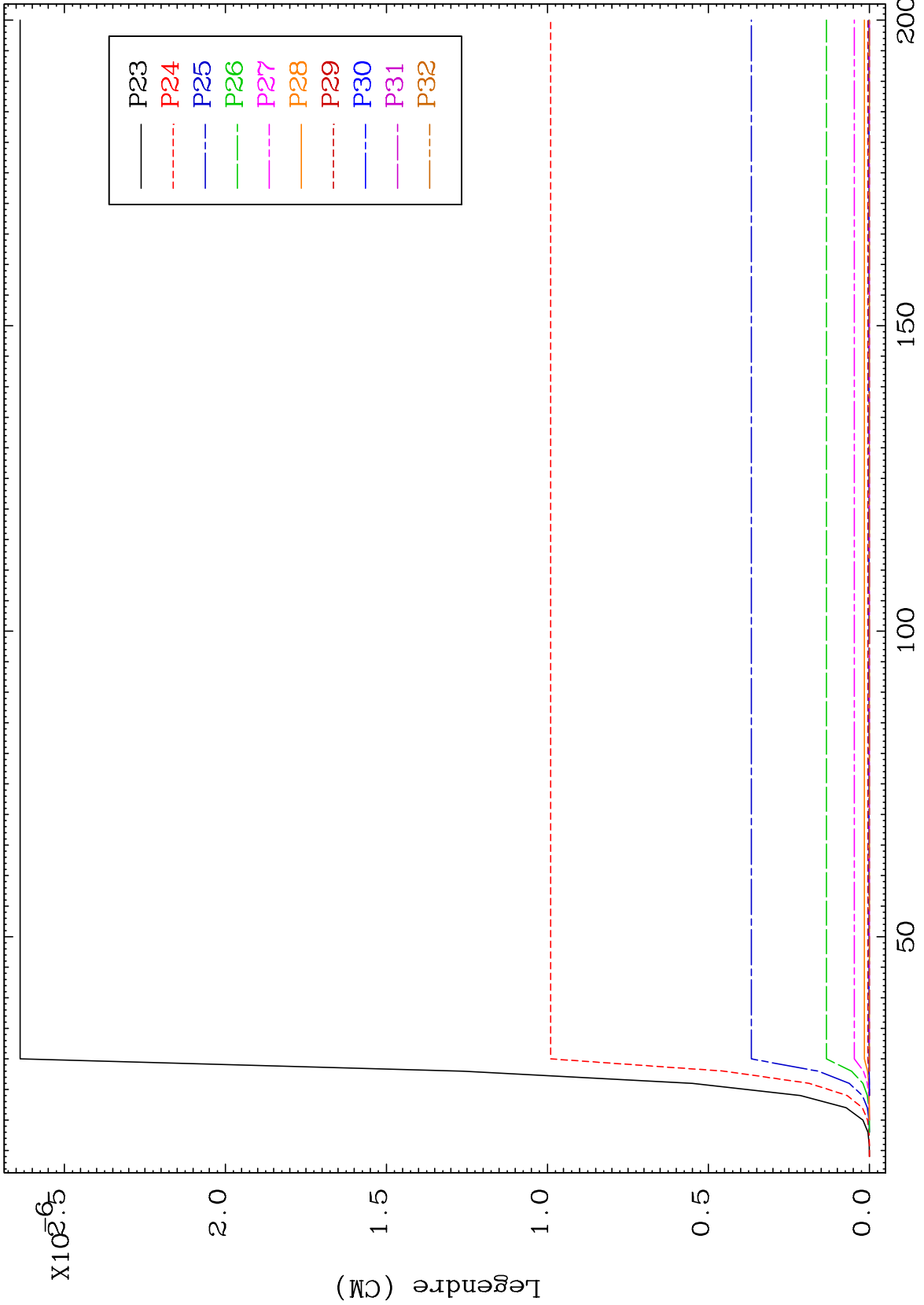
24-Cr-49



MAT 2422

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

24-Cr-49

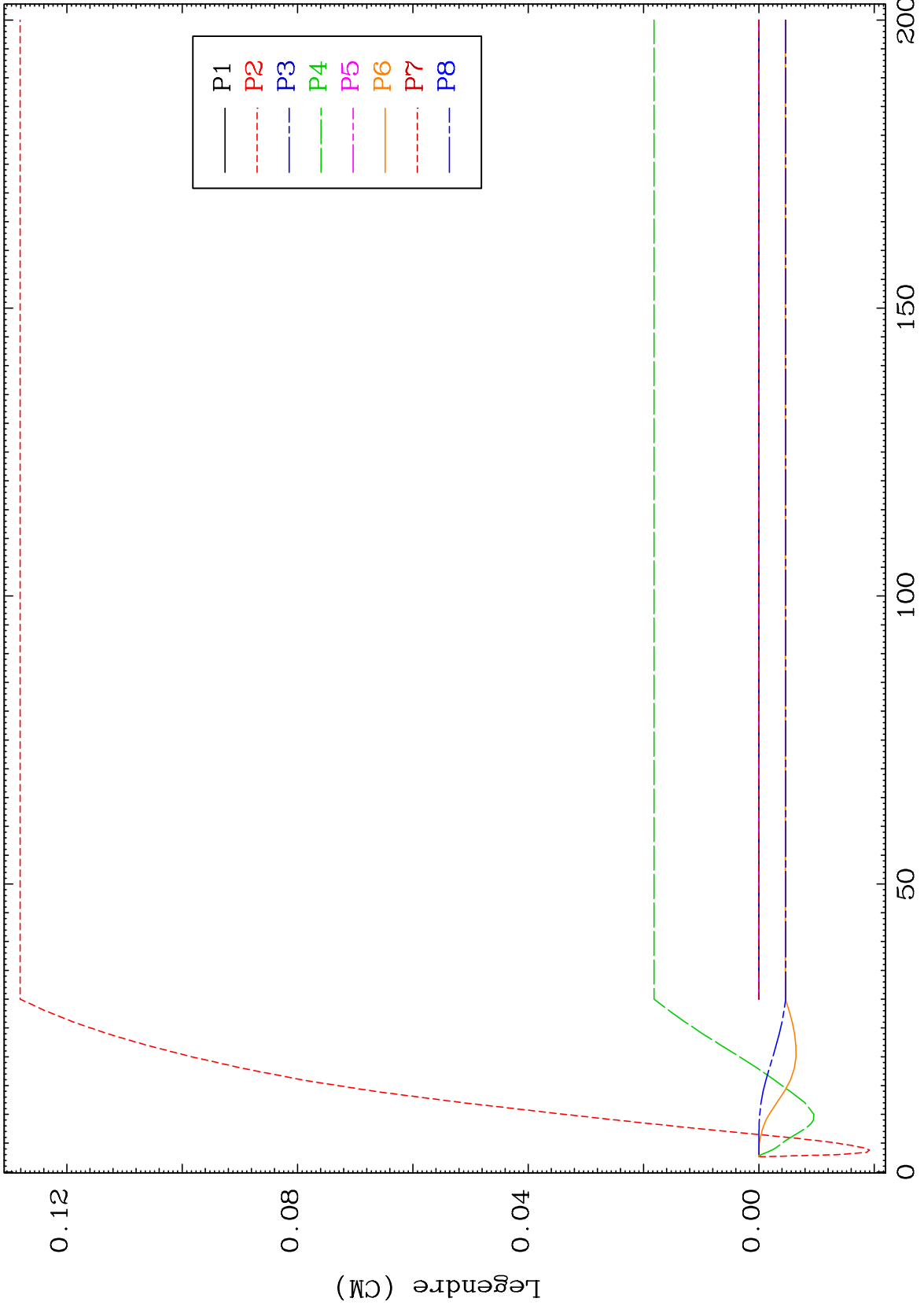


47

Incident Energy (MeV)

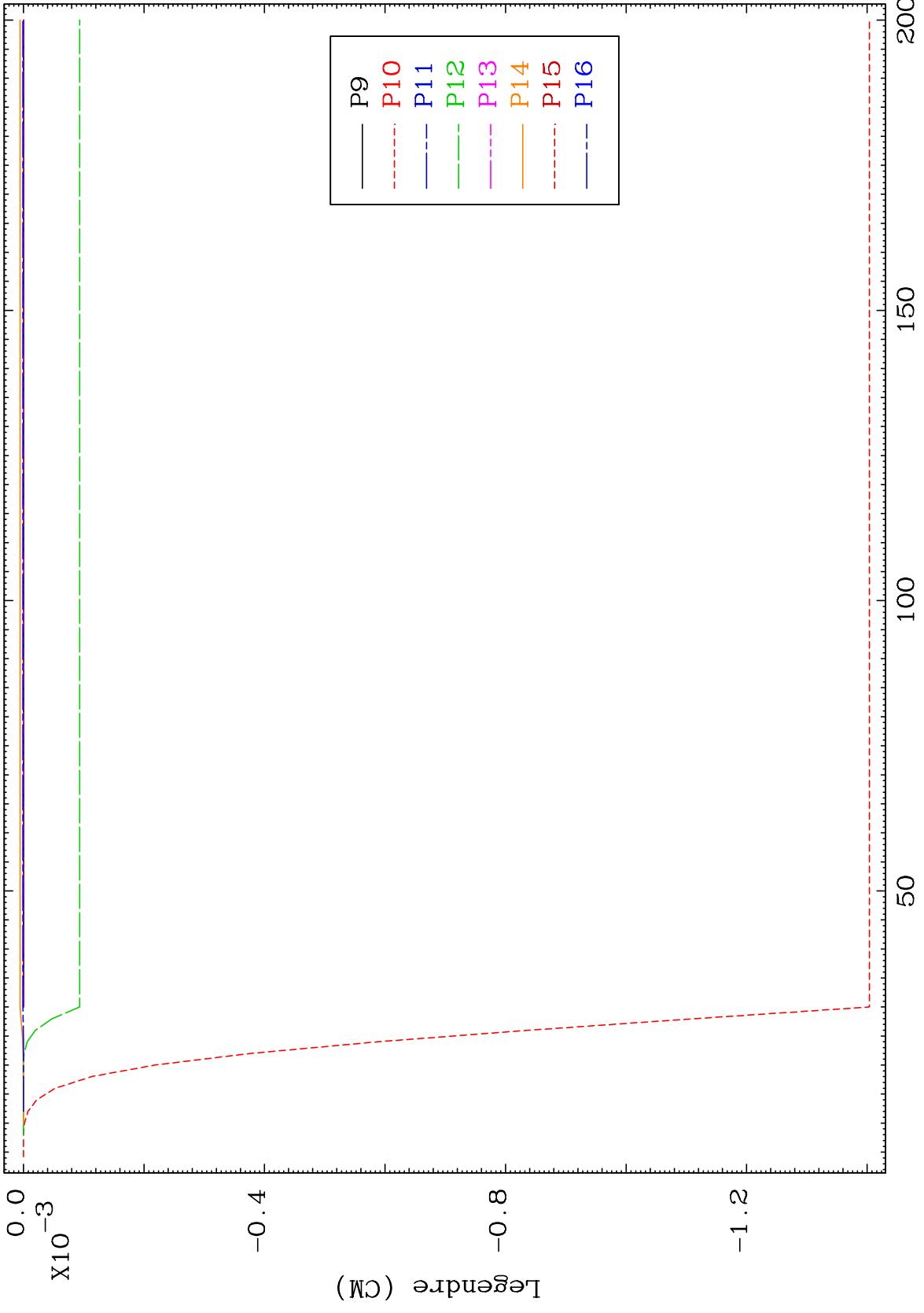
24-Cr-49

MAT 2422 MT= 61 (n,n') Level Legendre Coefficients 24-Cr-49



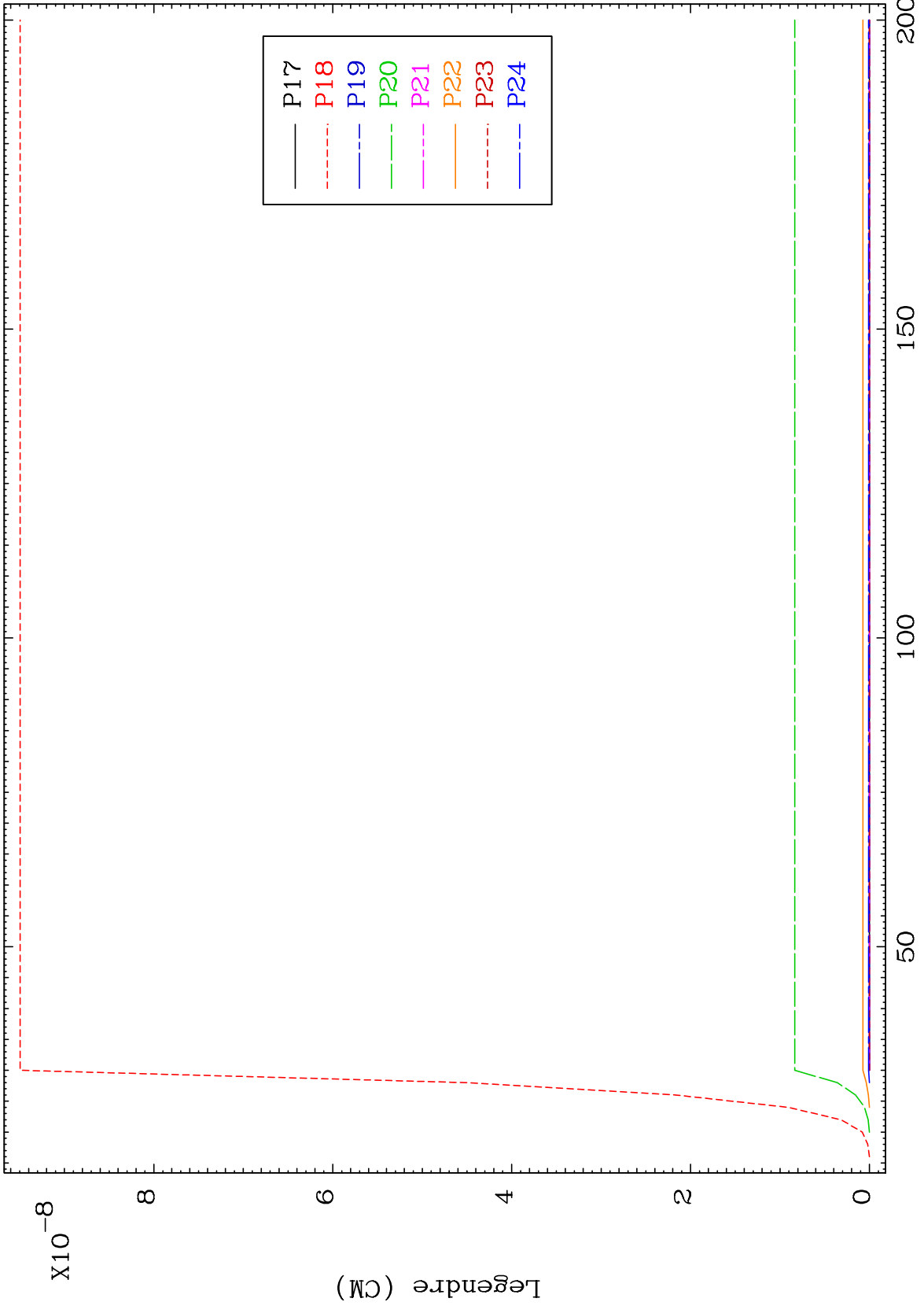
48 24-Cr-49

MAT 2422 MT= 61 (n,n') Level Legendre Coefficients 24-Cr-49



49 24-Cr-49

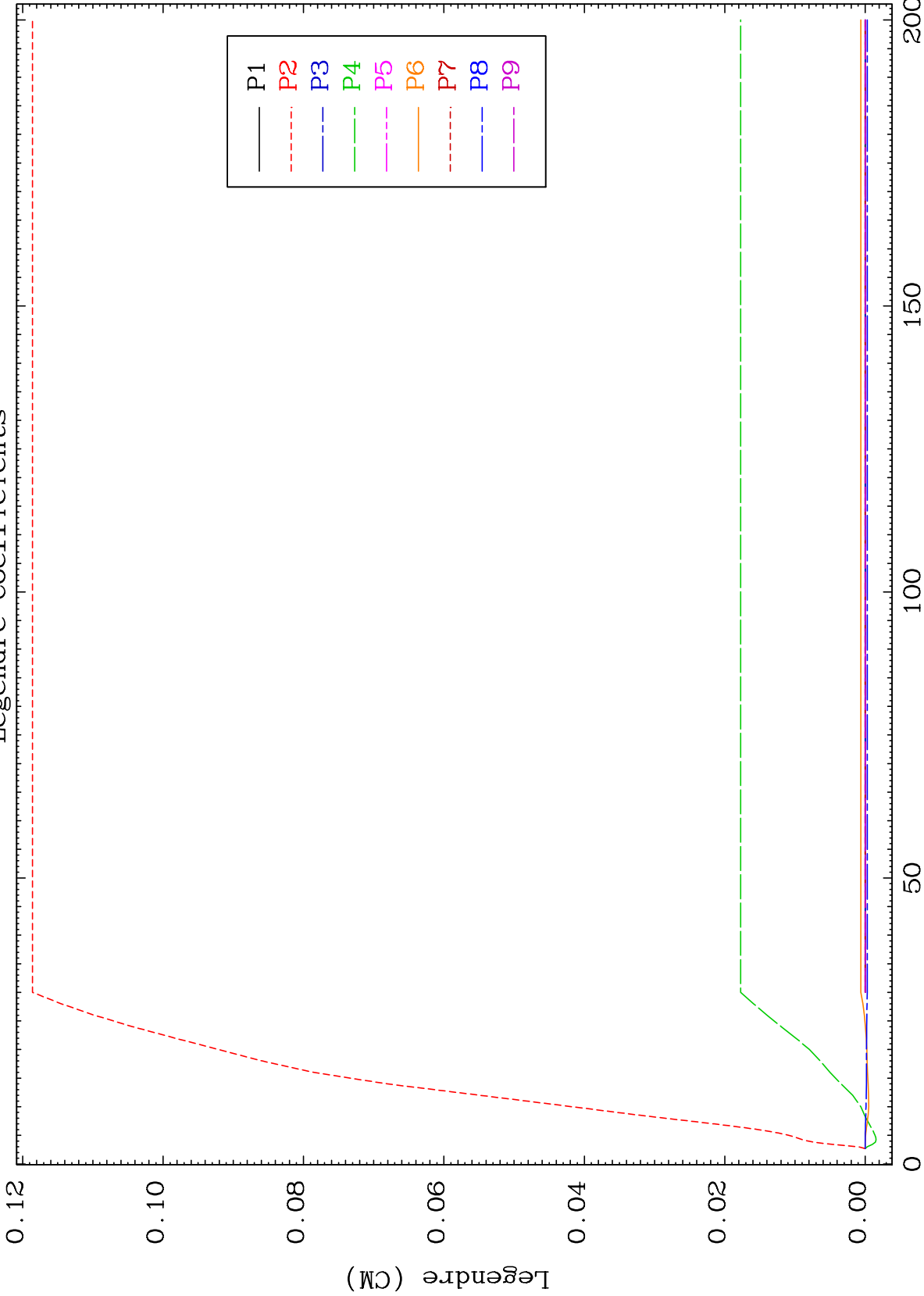
MAT 2422 MT= 61 (n,n') Level Legendre Coefficients 24-Cr-49



24-Cr-49

MAT 2422 MT= 62 (n,n') Level Legendre Coefficients

24-Cr-49



24-Cr-49

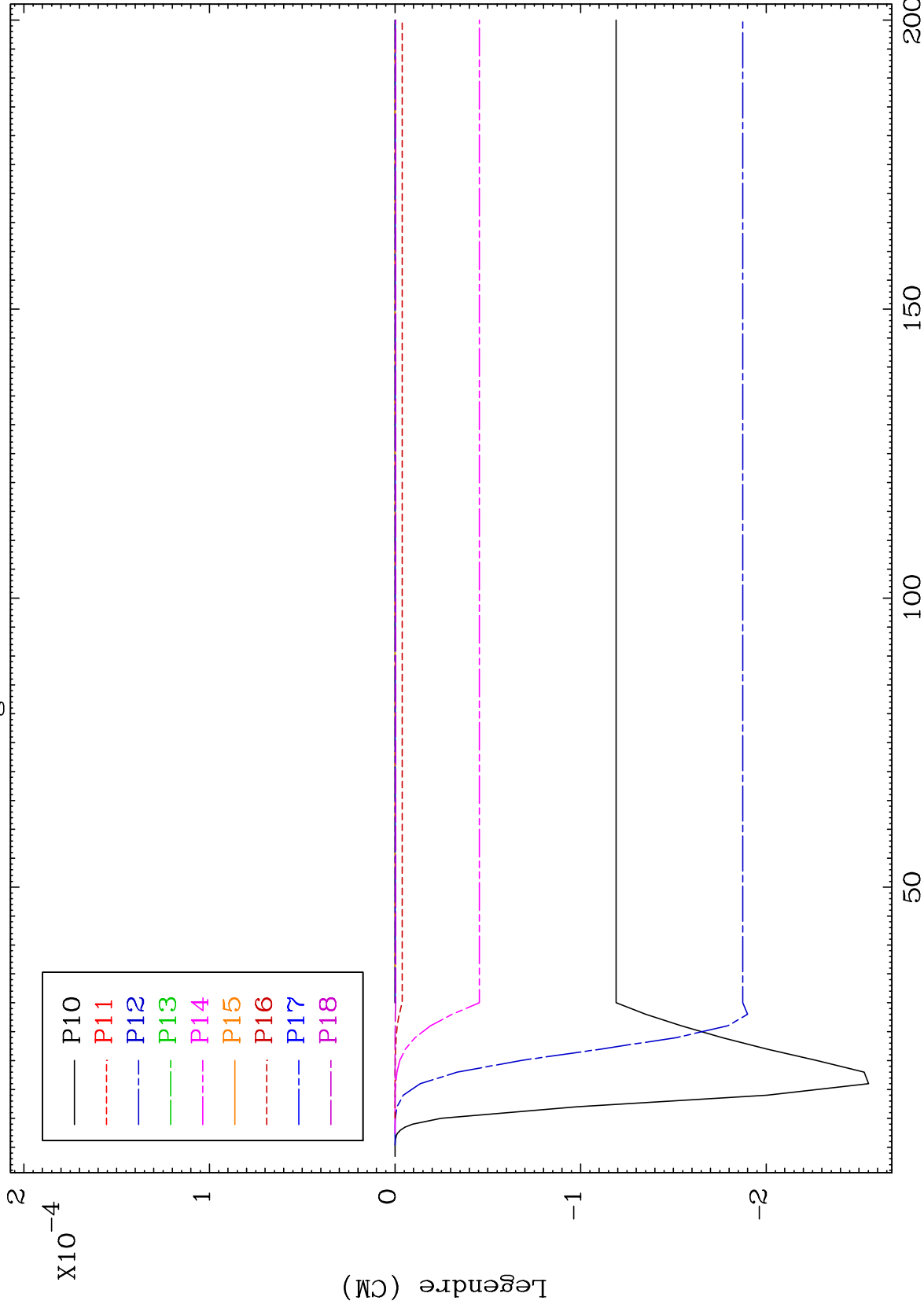
Incident Energy (MeV)

51

MAT 2422

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

24-Cr-49

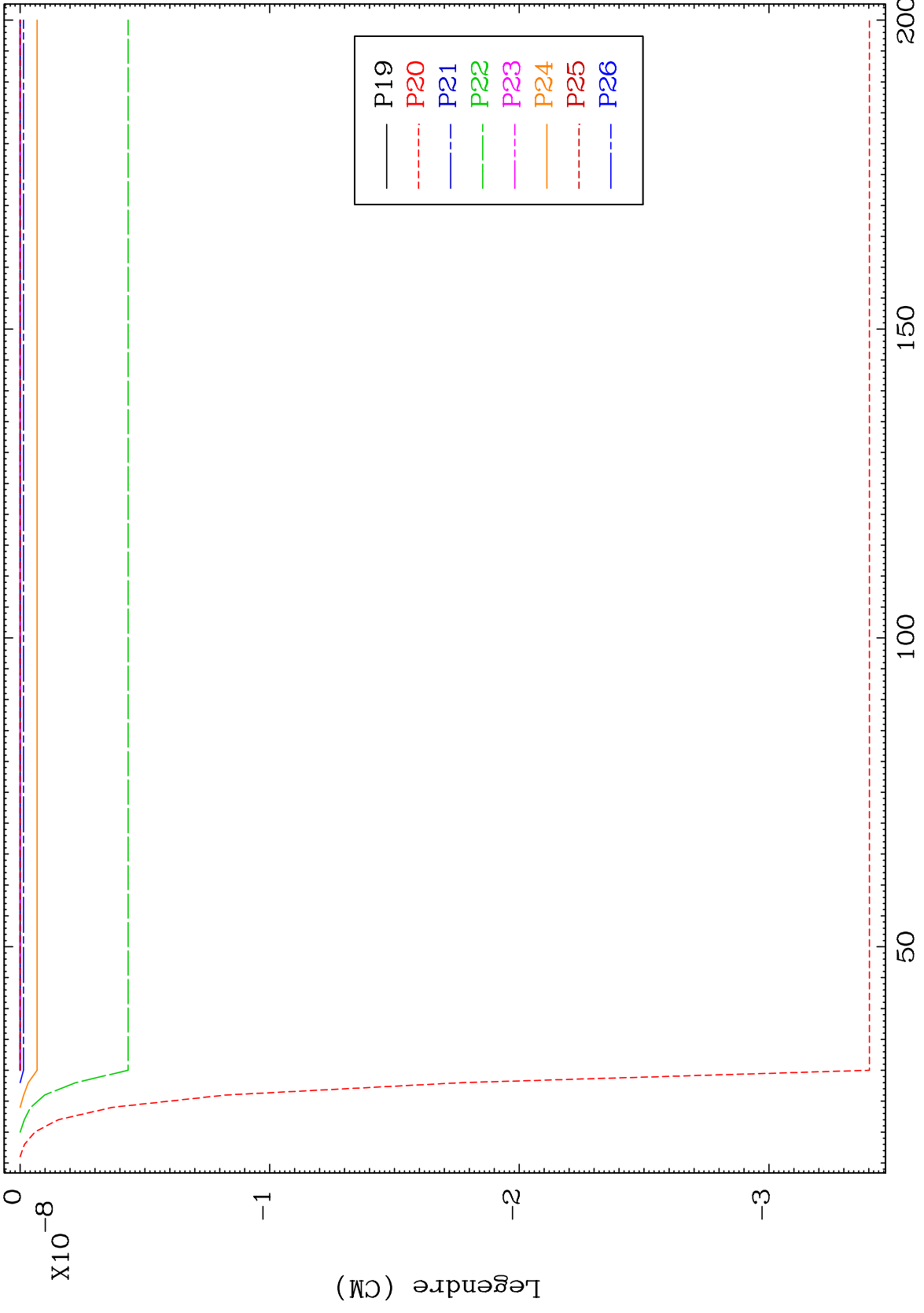


52

Incident Energy (MeV)

24-Cr-49

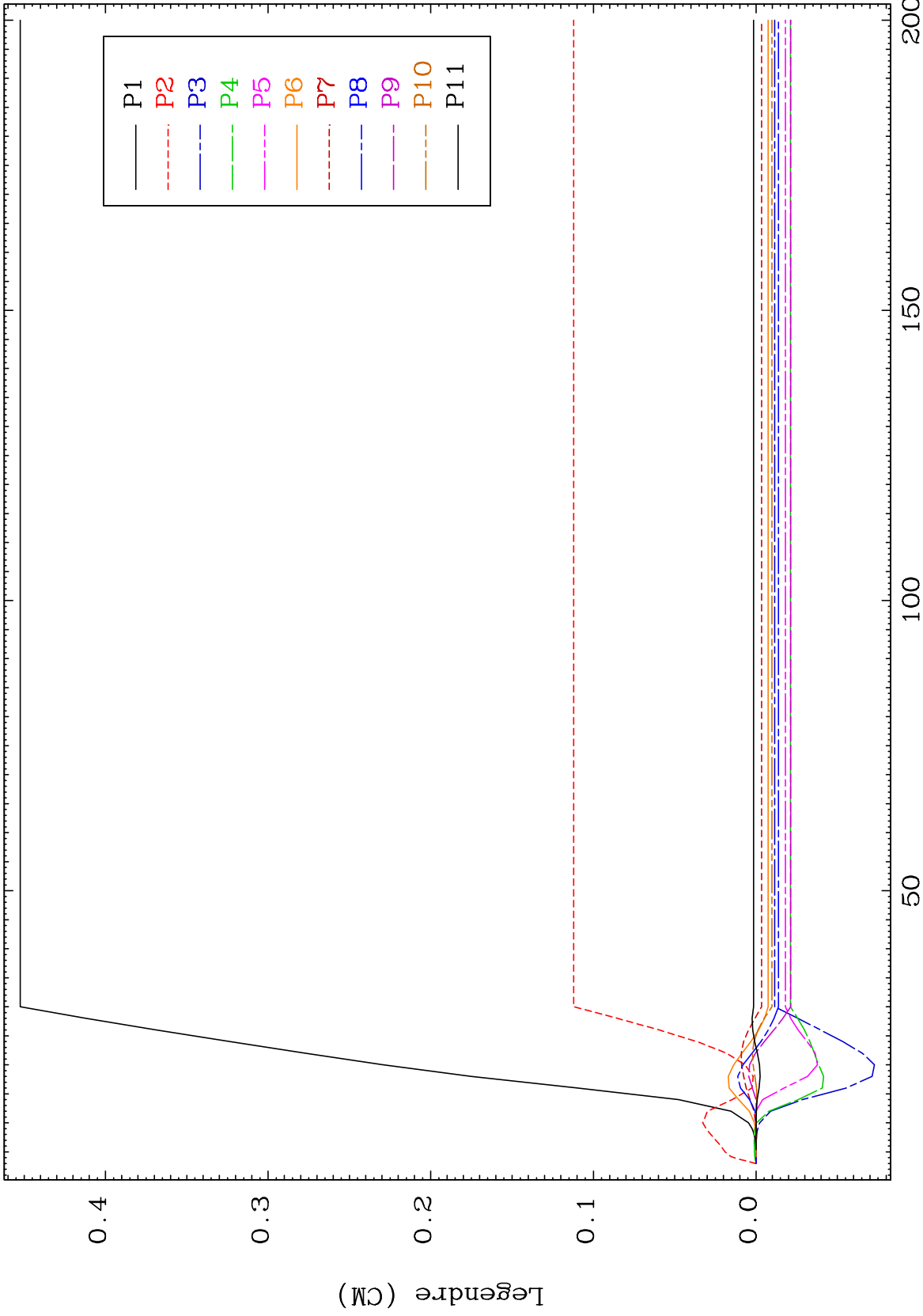
MAT 2422 MT= 62 (n,n') Level Legendre Coefficients 24-Cr-49



MAT 2422

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

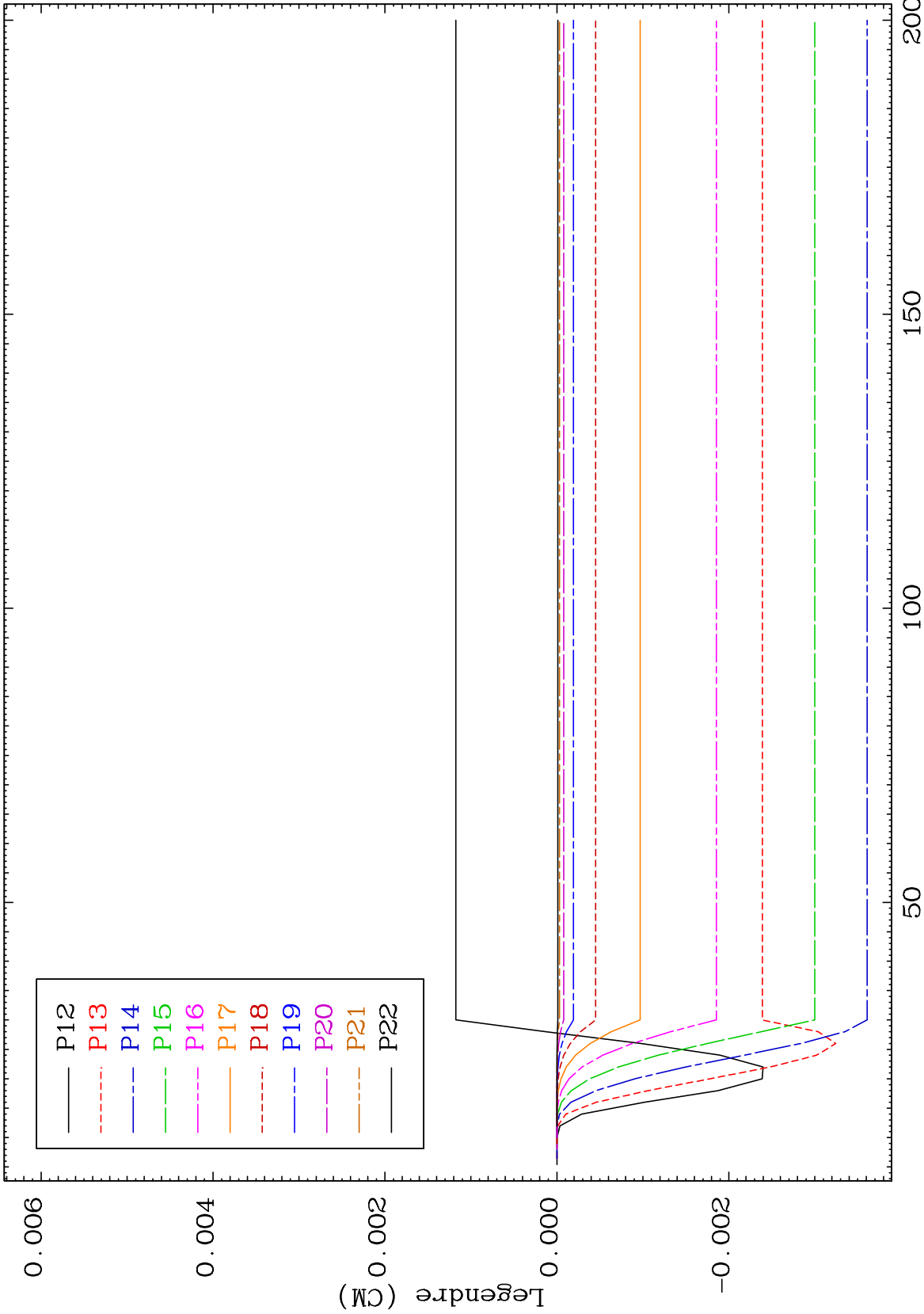
24-Cr-49



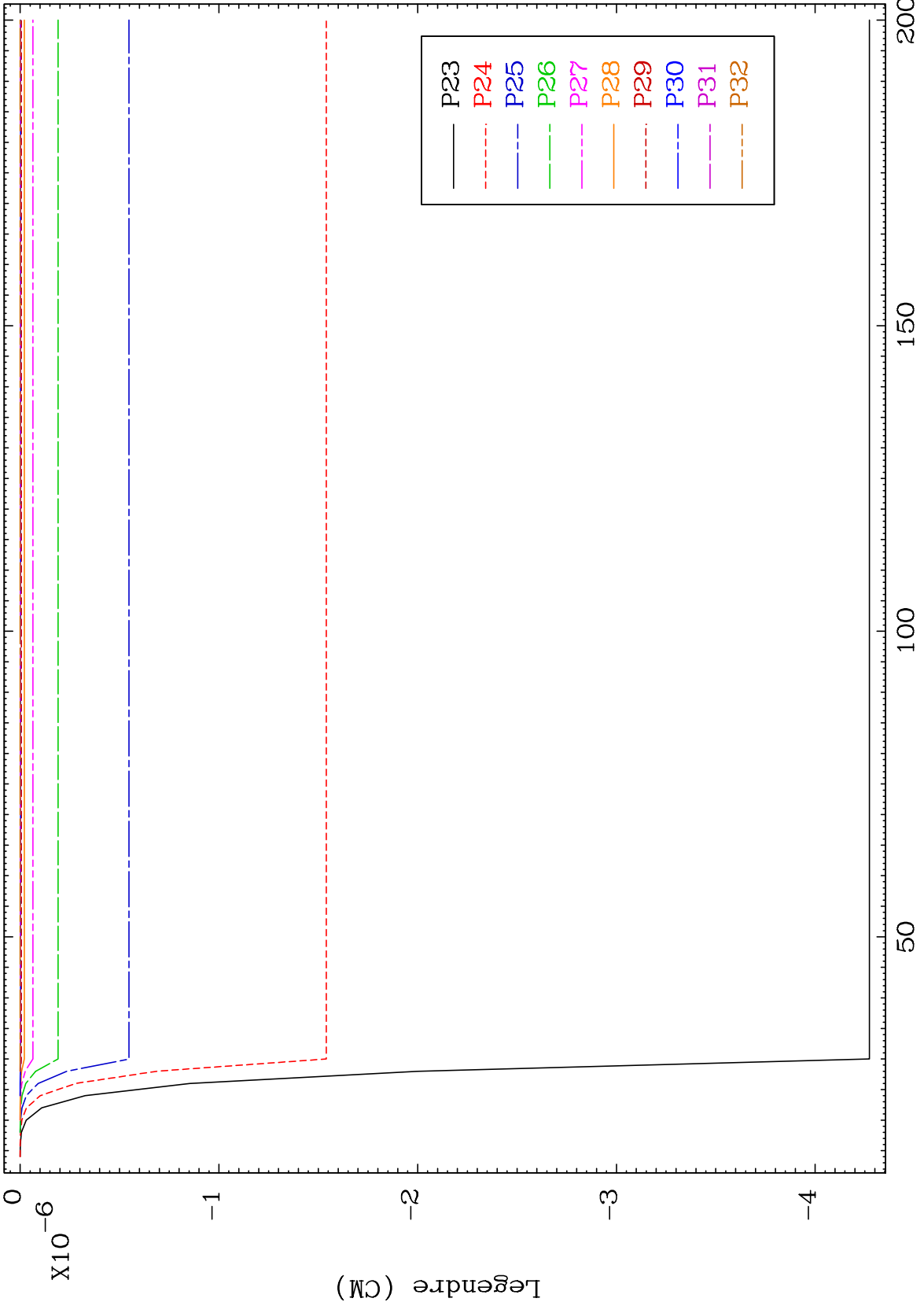
54

Incident Energy (MeV)

24-Cr-49

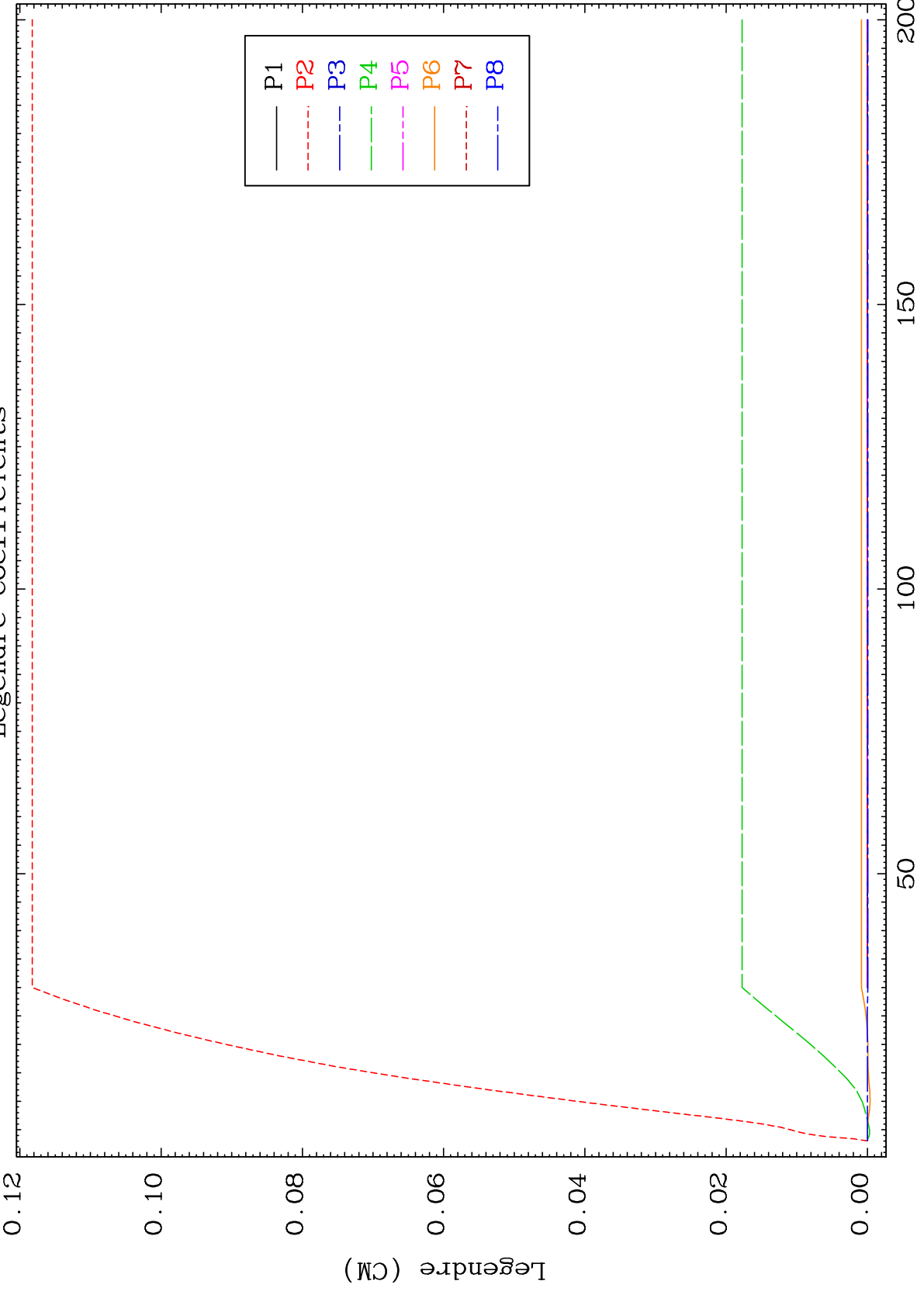


MAT 2422 MT= 63 (n,n') Level Legendre Coefficients 24-Cr-49



56 Incident Energy (MeV) 24-Cr-49

MAT 2422 MT= 64 (n,n') Level Legendre Coefficients 24-Cr-49

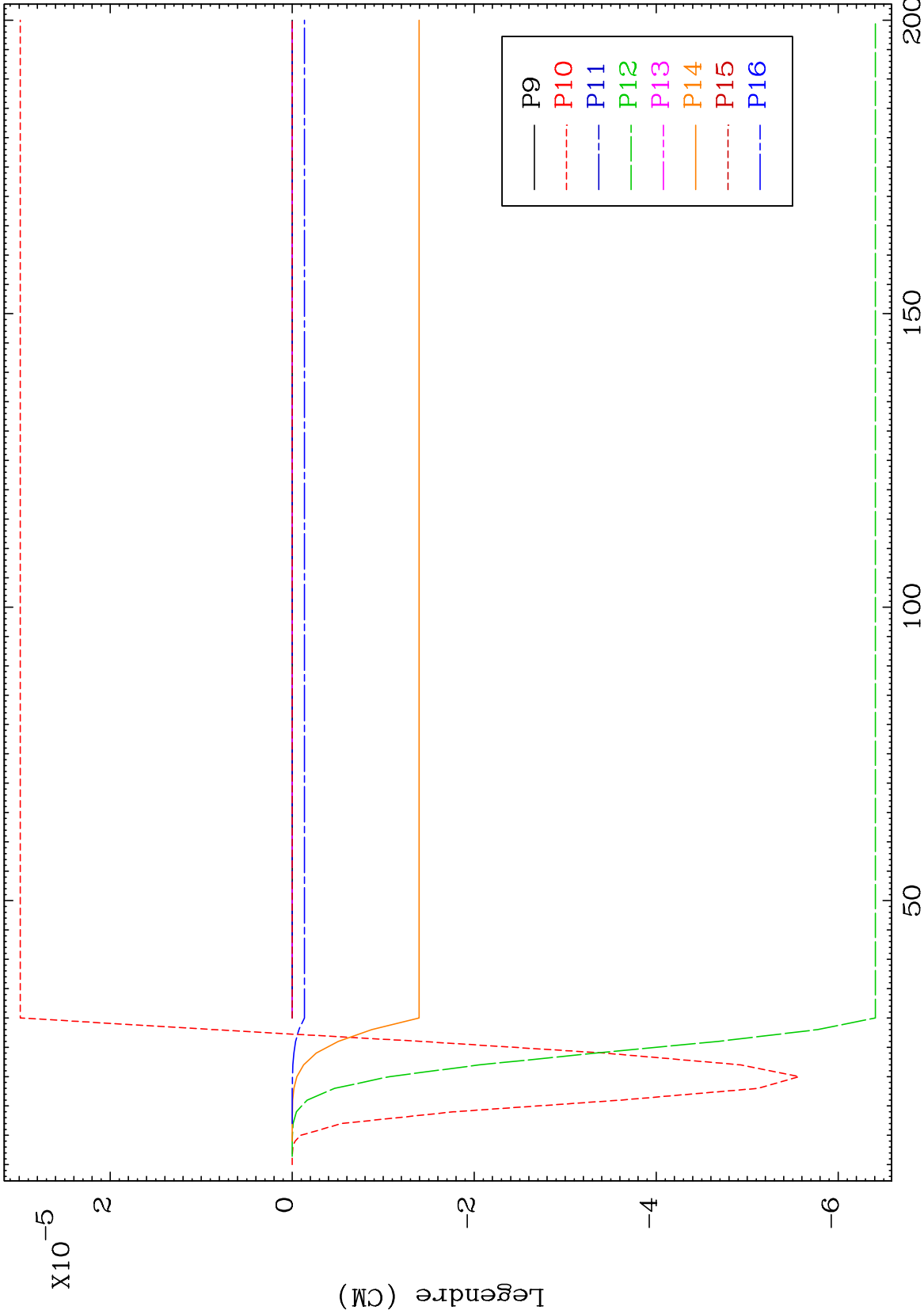


57 Incident Energy (MeV) 200 24-Cr-49

MAT 2422

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

24-Cr-49



58

Incident Energy (MeV)

24-Cr-49

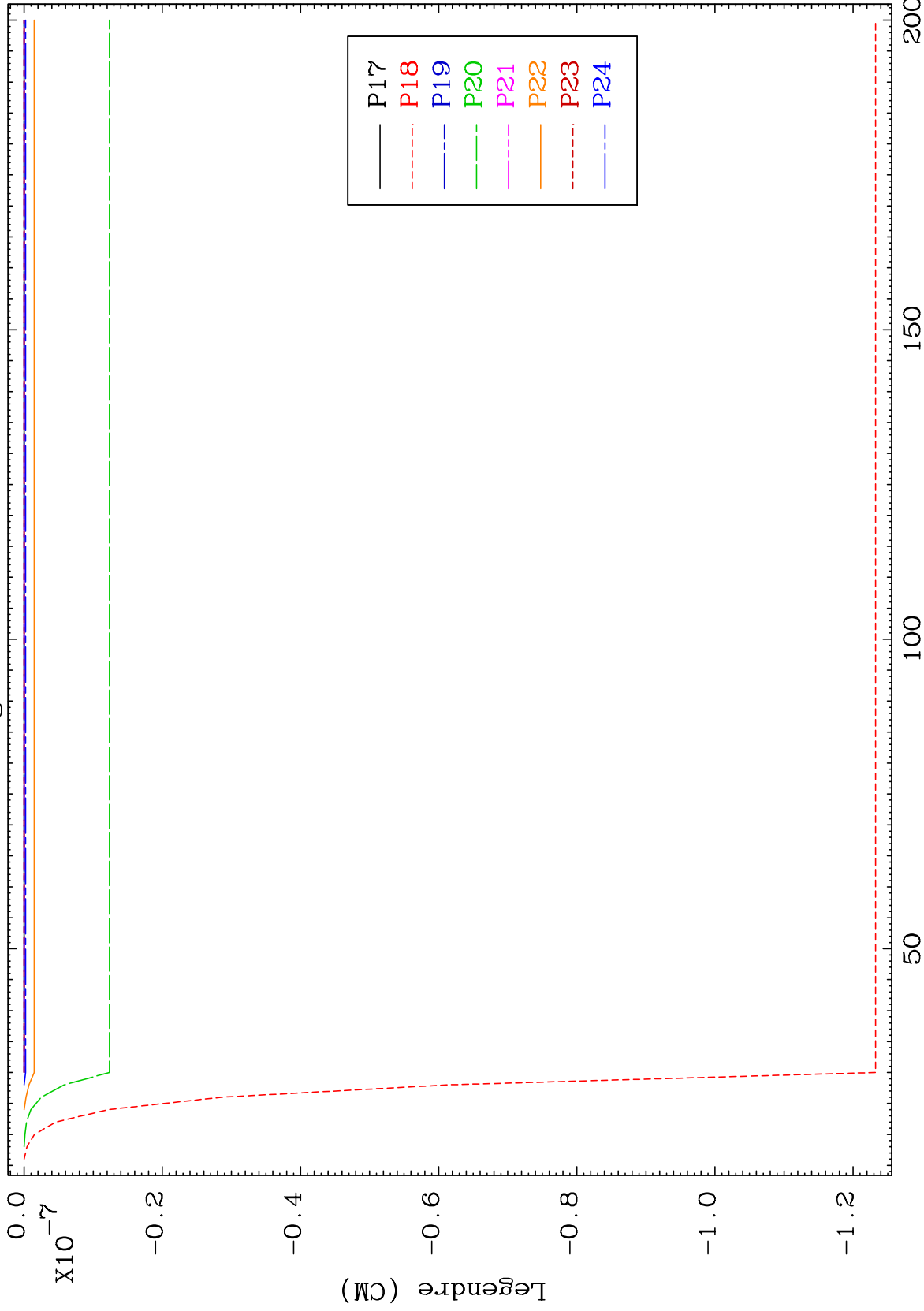
MAT 2422

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

24-Cr-49

Incident Energy (MeV)

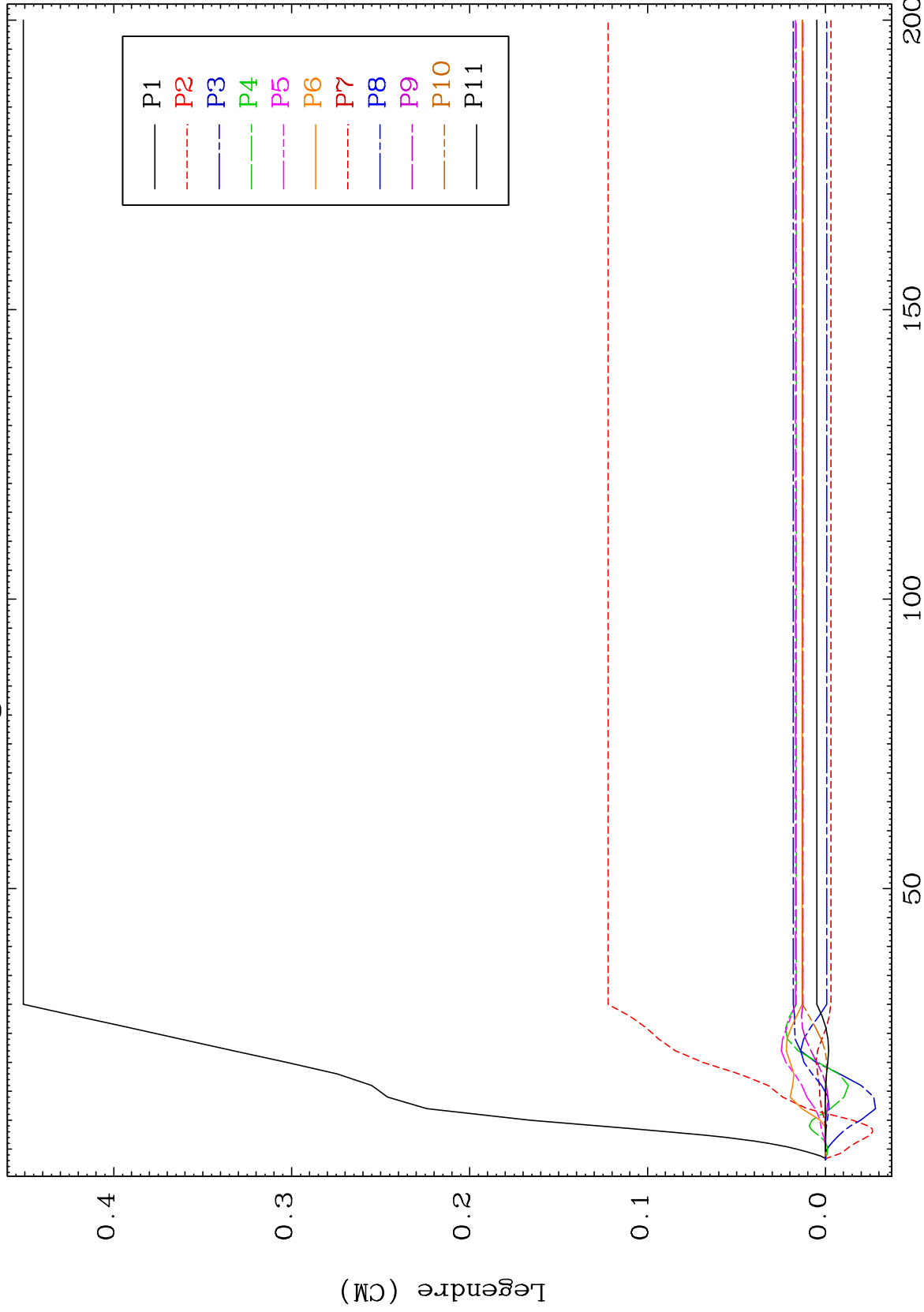
59



MAT 2422

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

24-Cr-49



60

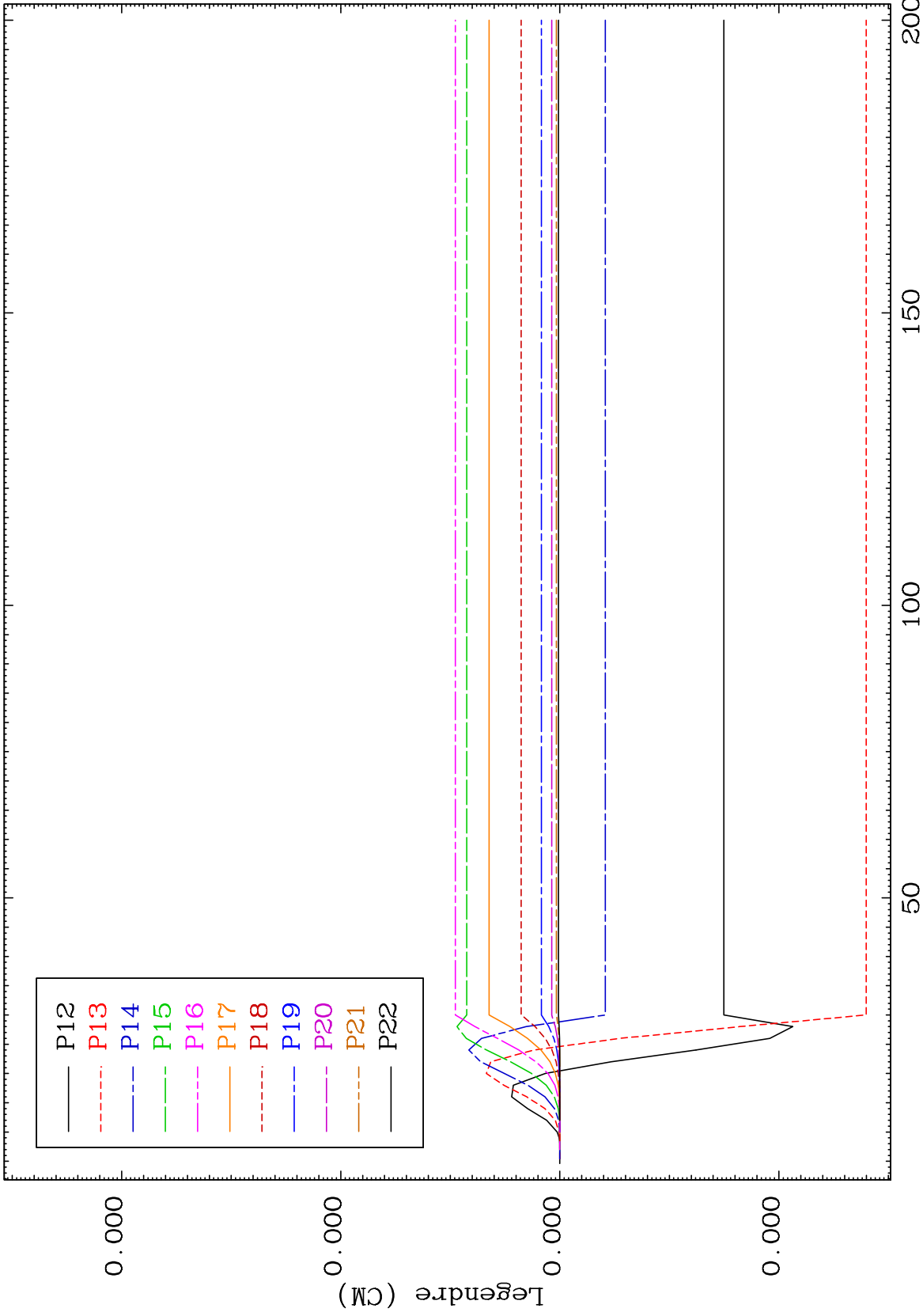
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



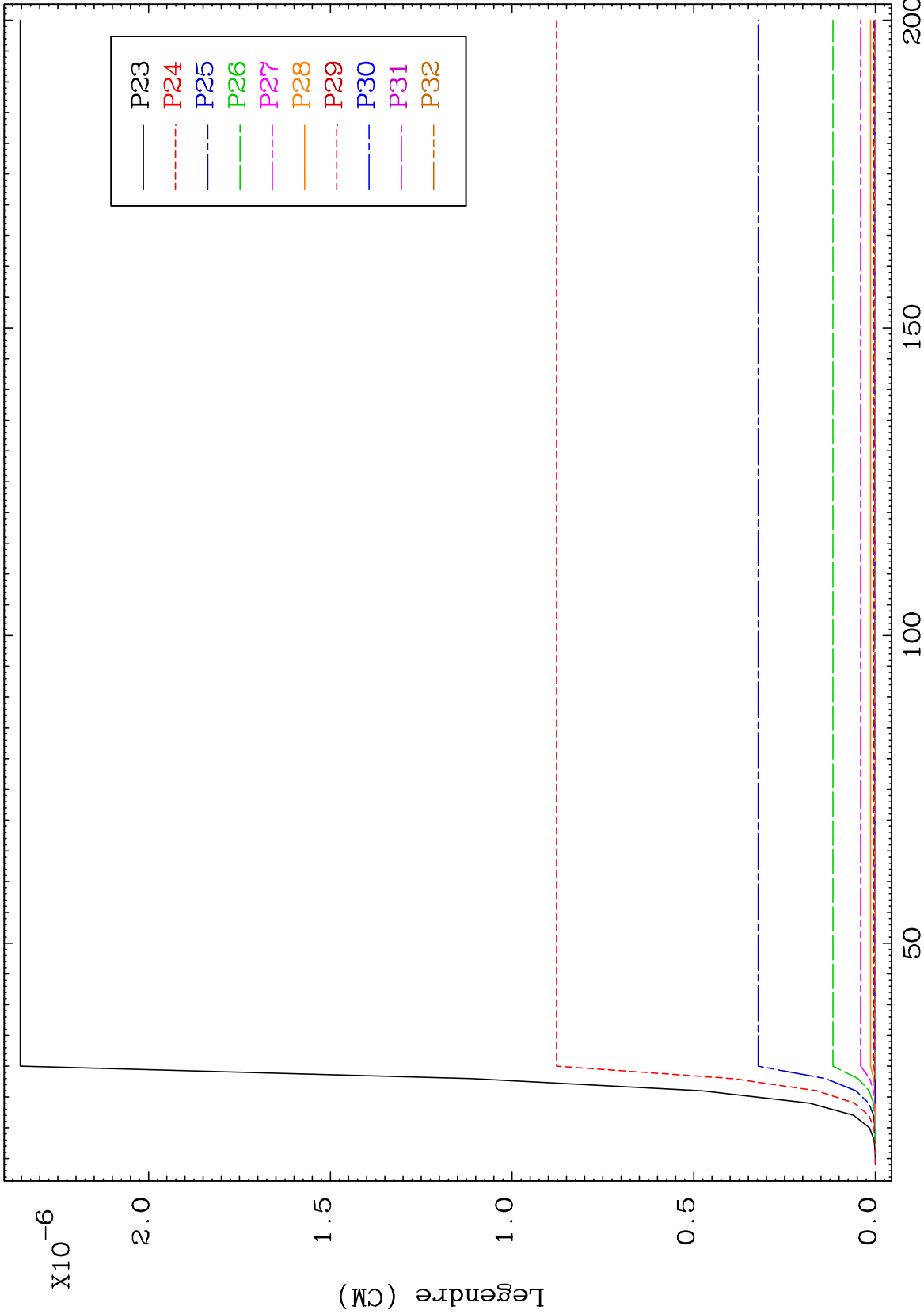
61

24-Cr-49

MAT 2422

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

24-Cr-49



62

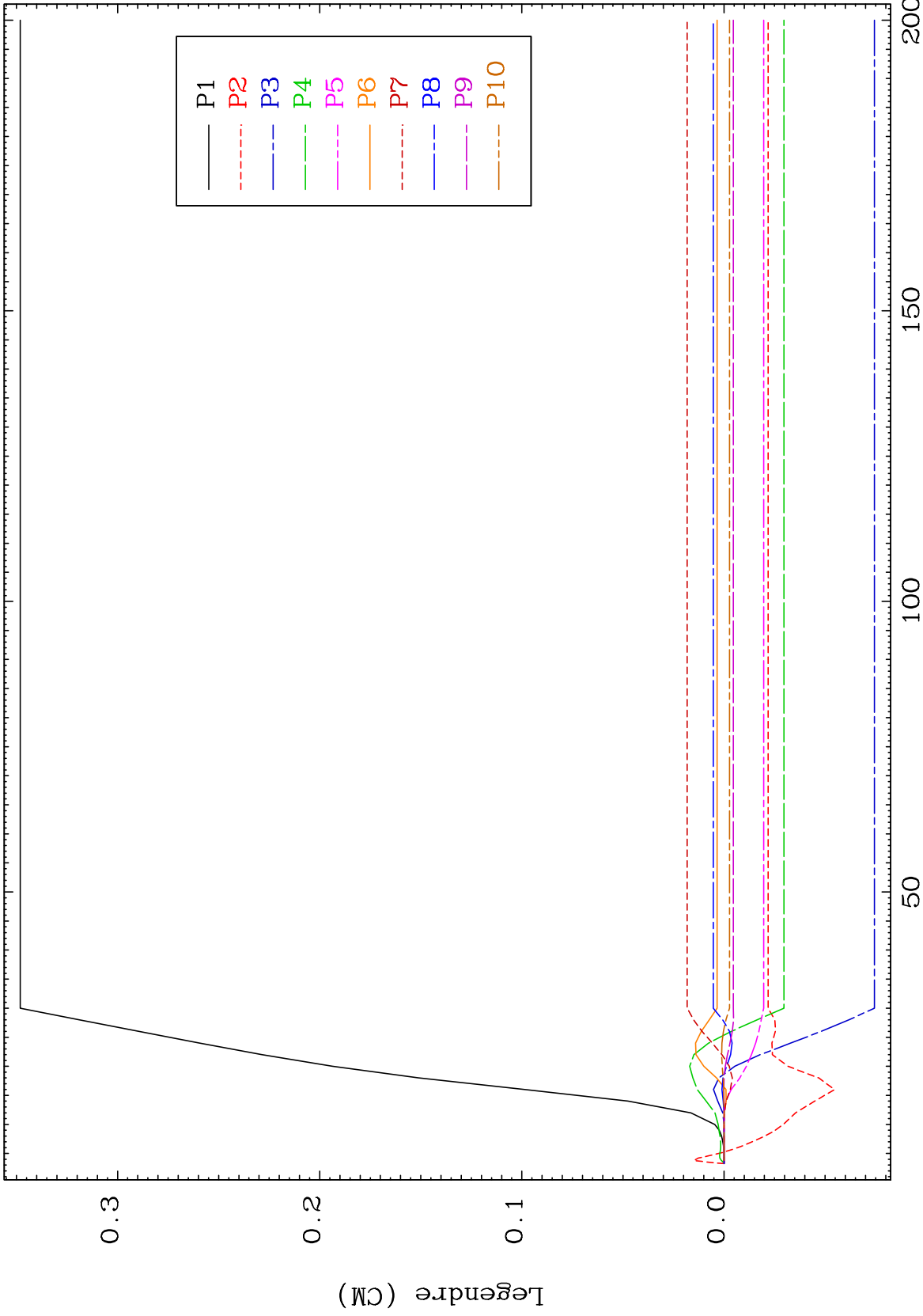
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49

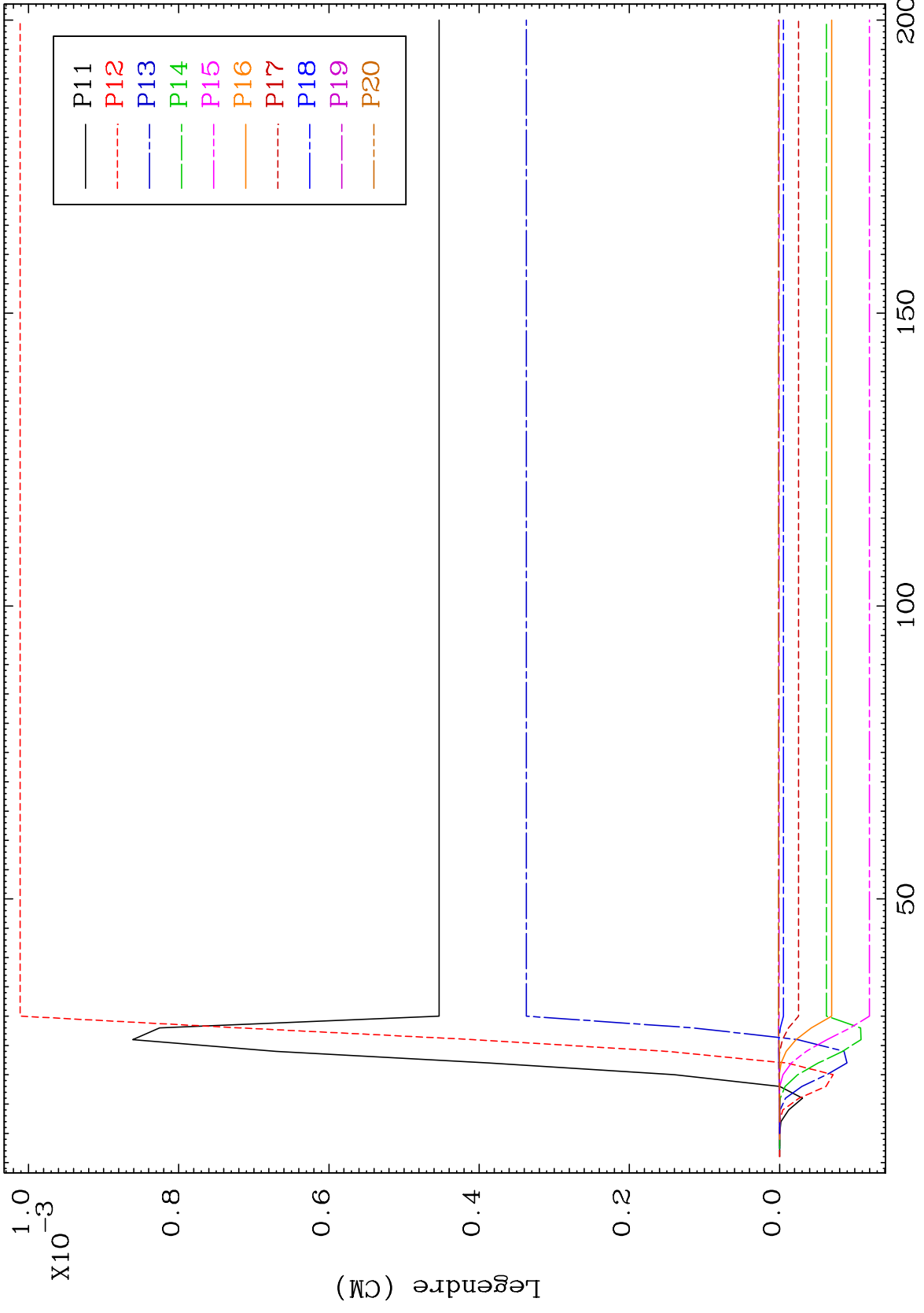


63

Incident Energy (MeV)

24-Cr-49

MAT 2422 MT= 66 (n,n') Level Legendre Coefficients 24-Cr-49

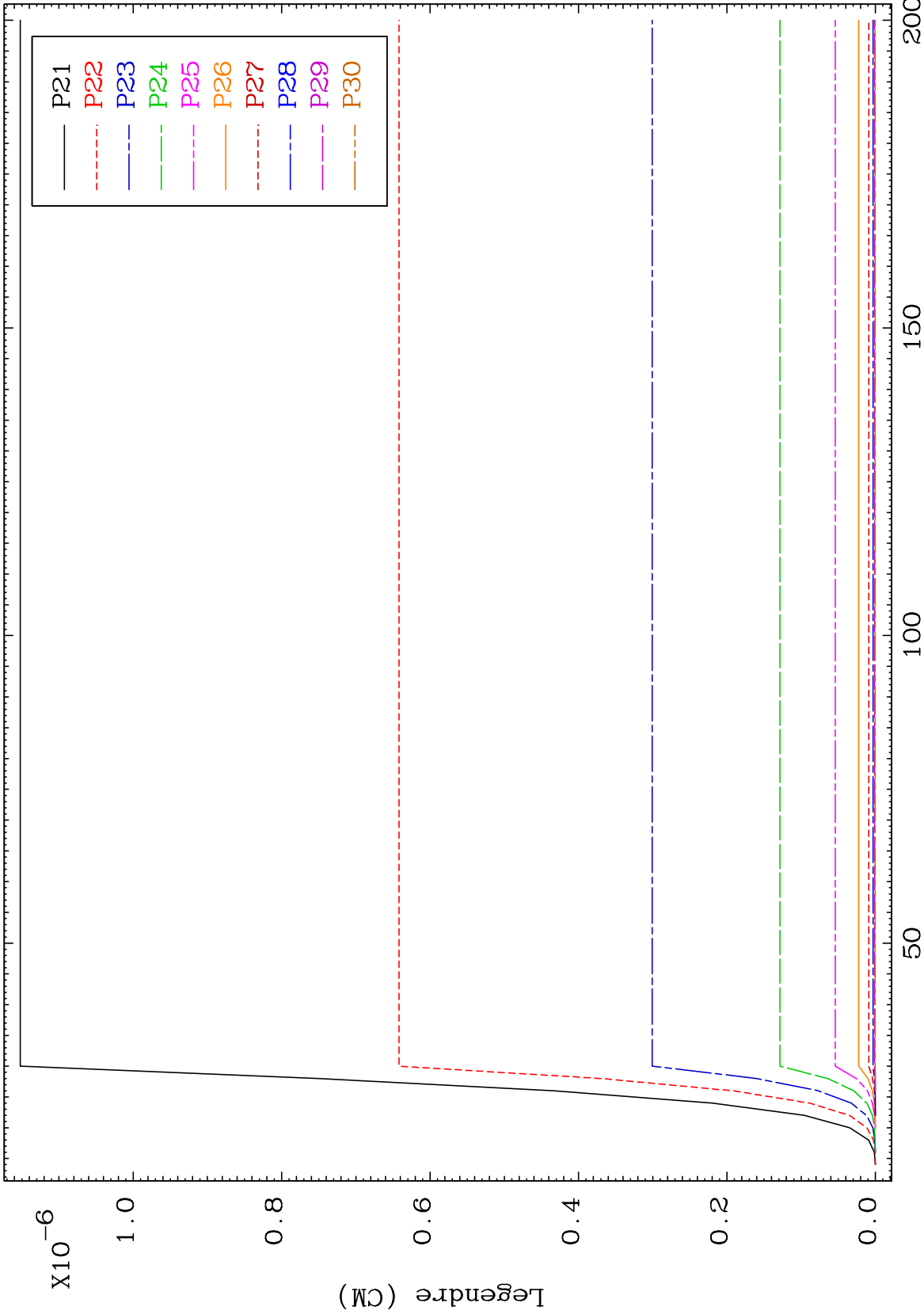


64 24-Cr-49

MAT 2422

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

24-Cr-49



65

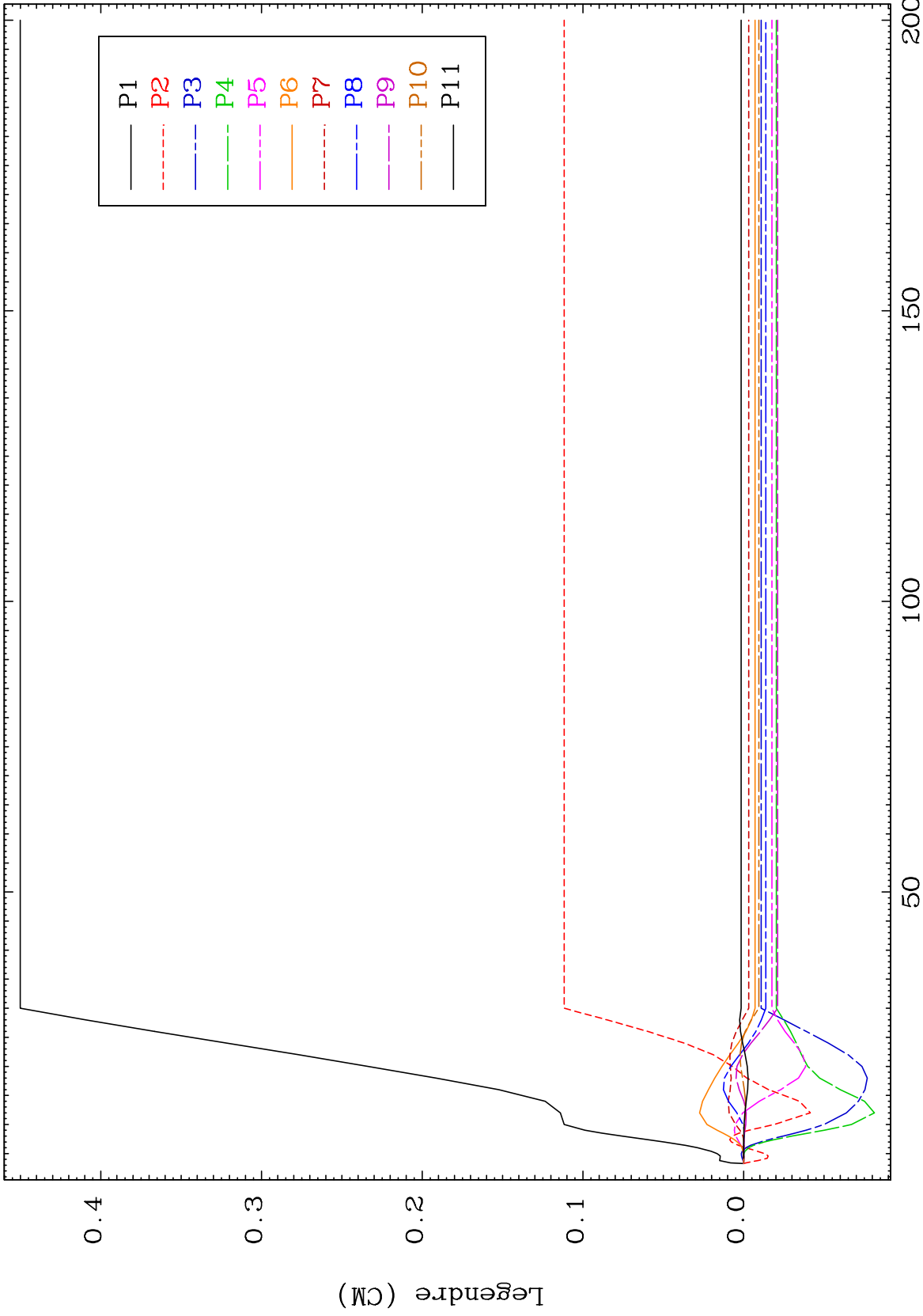
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



66

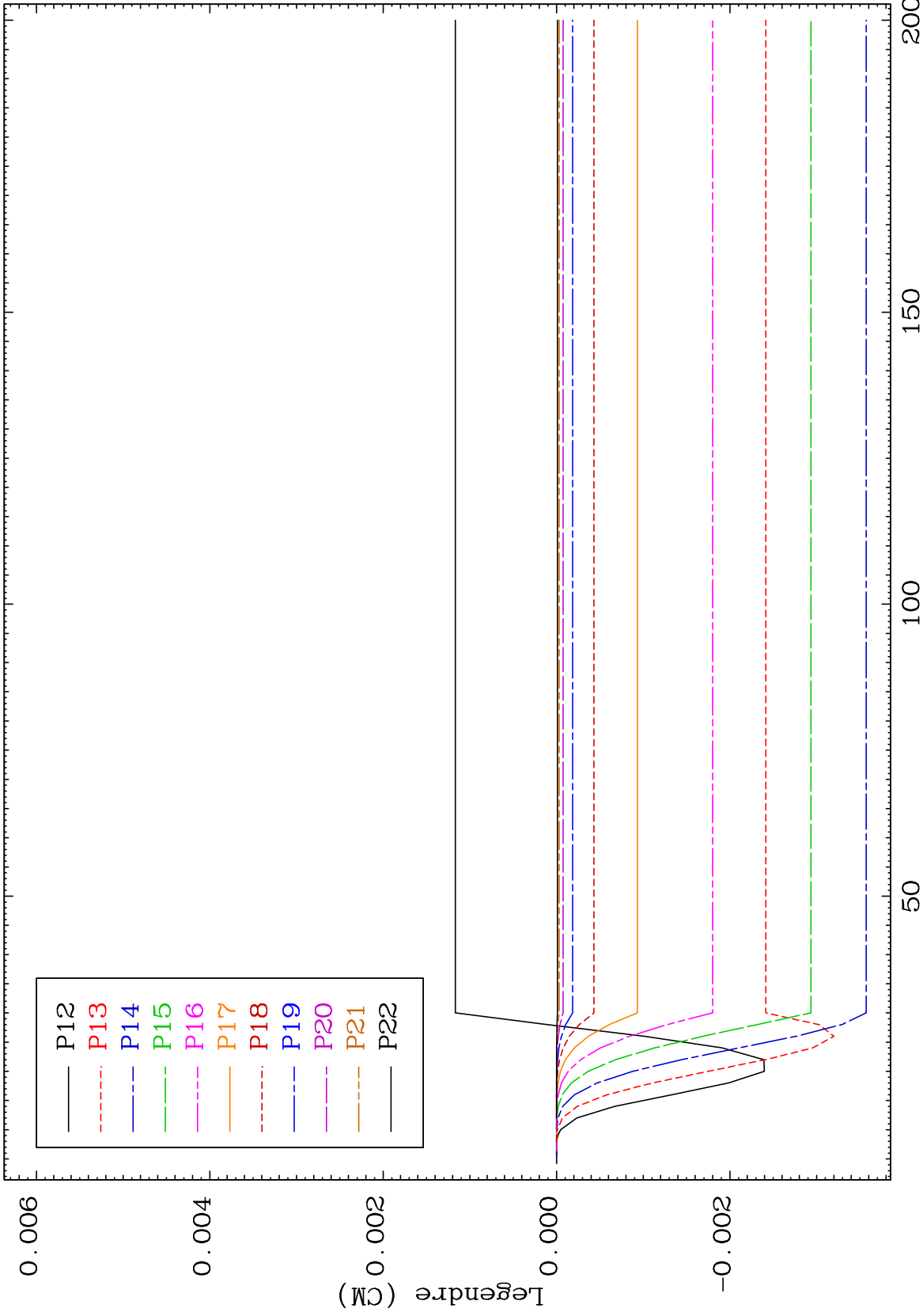
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



67

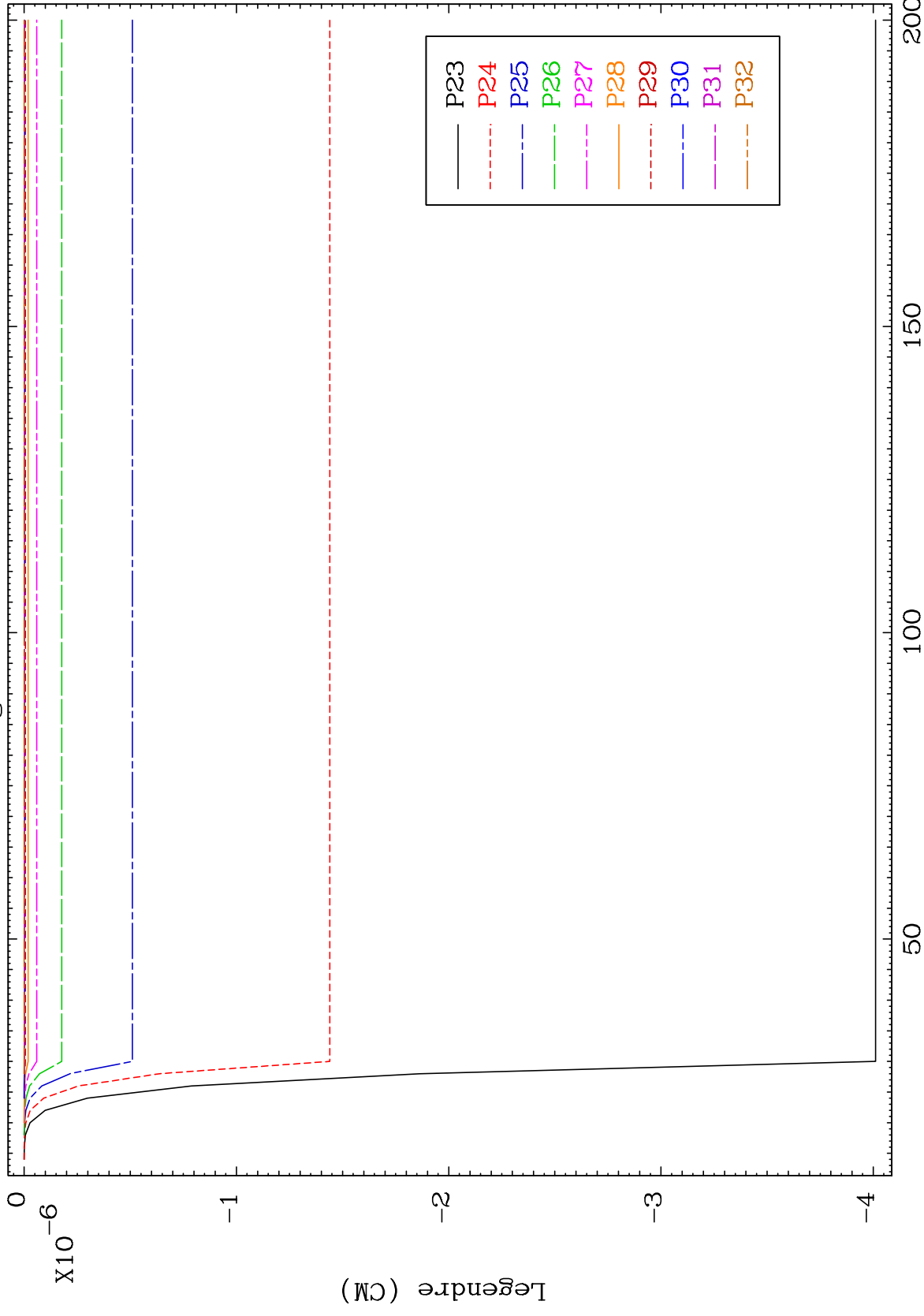
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



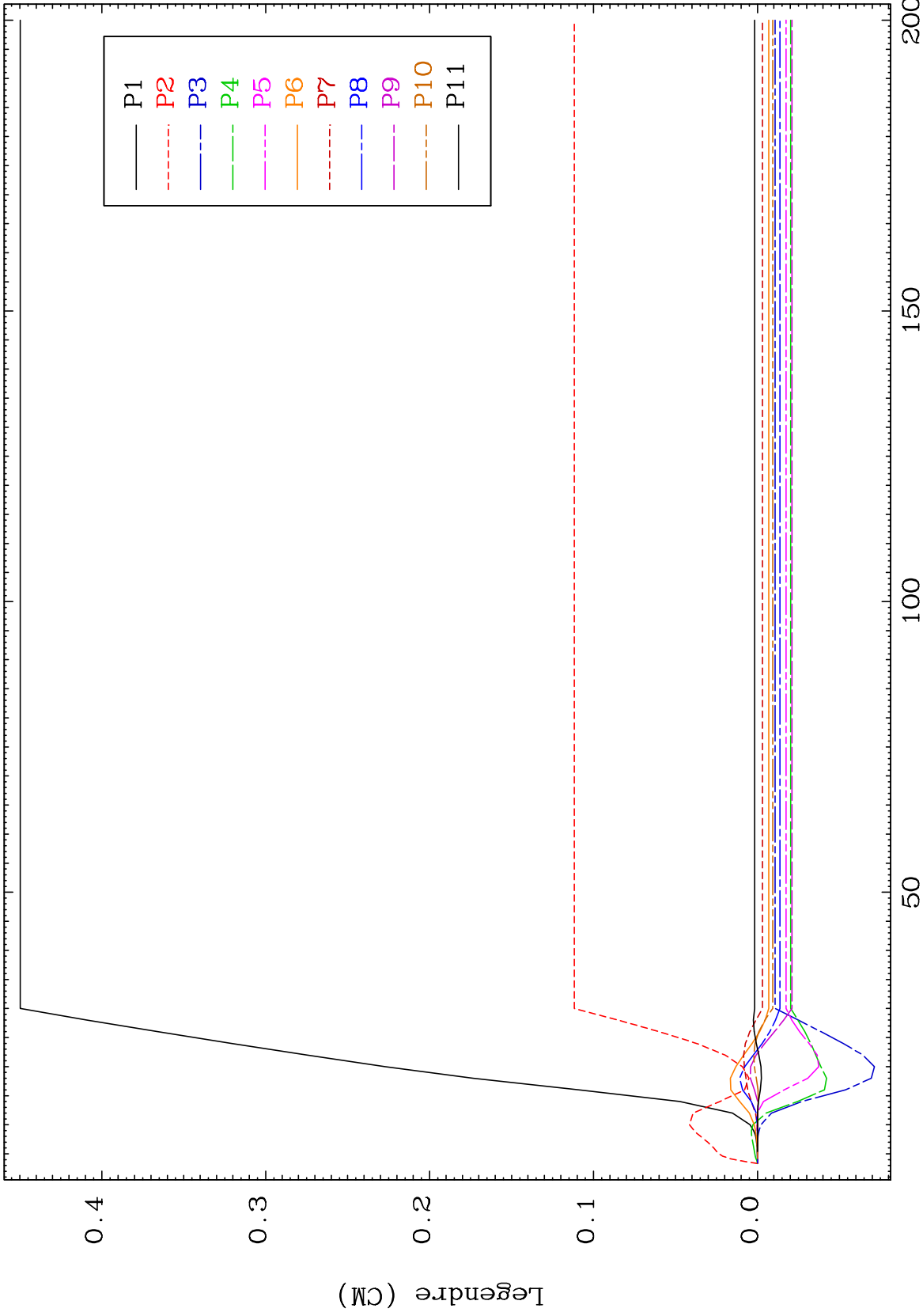
68

24-Cr-49

MAT 2422

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

24-Cr-49



69

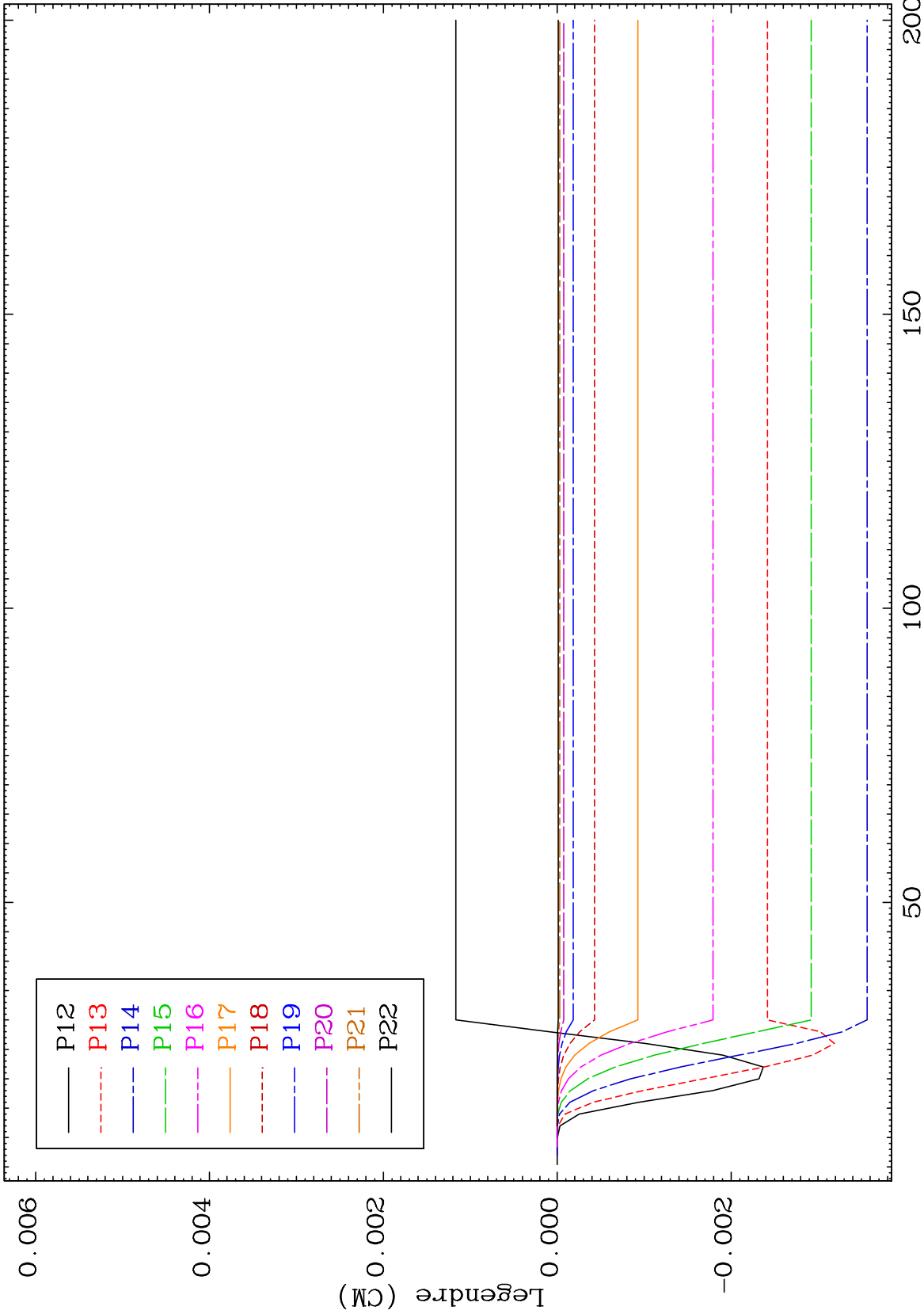
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



70

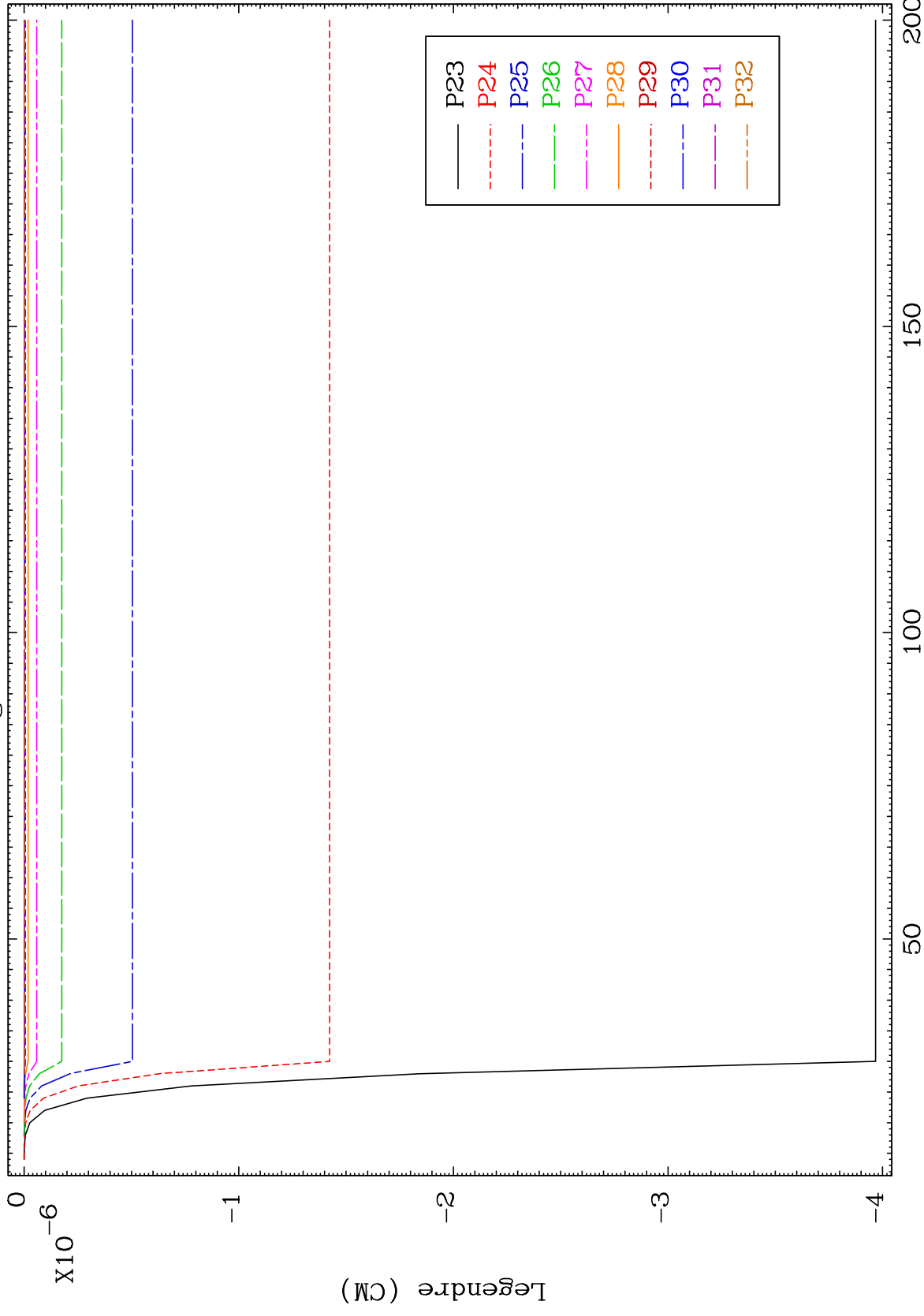
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



24-Cr-49

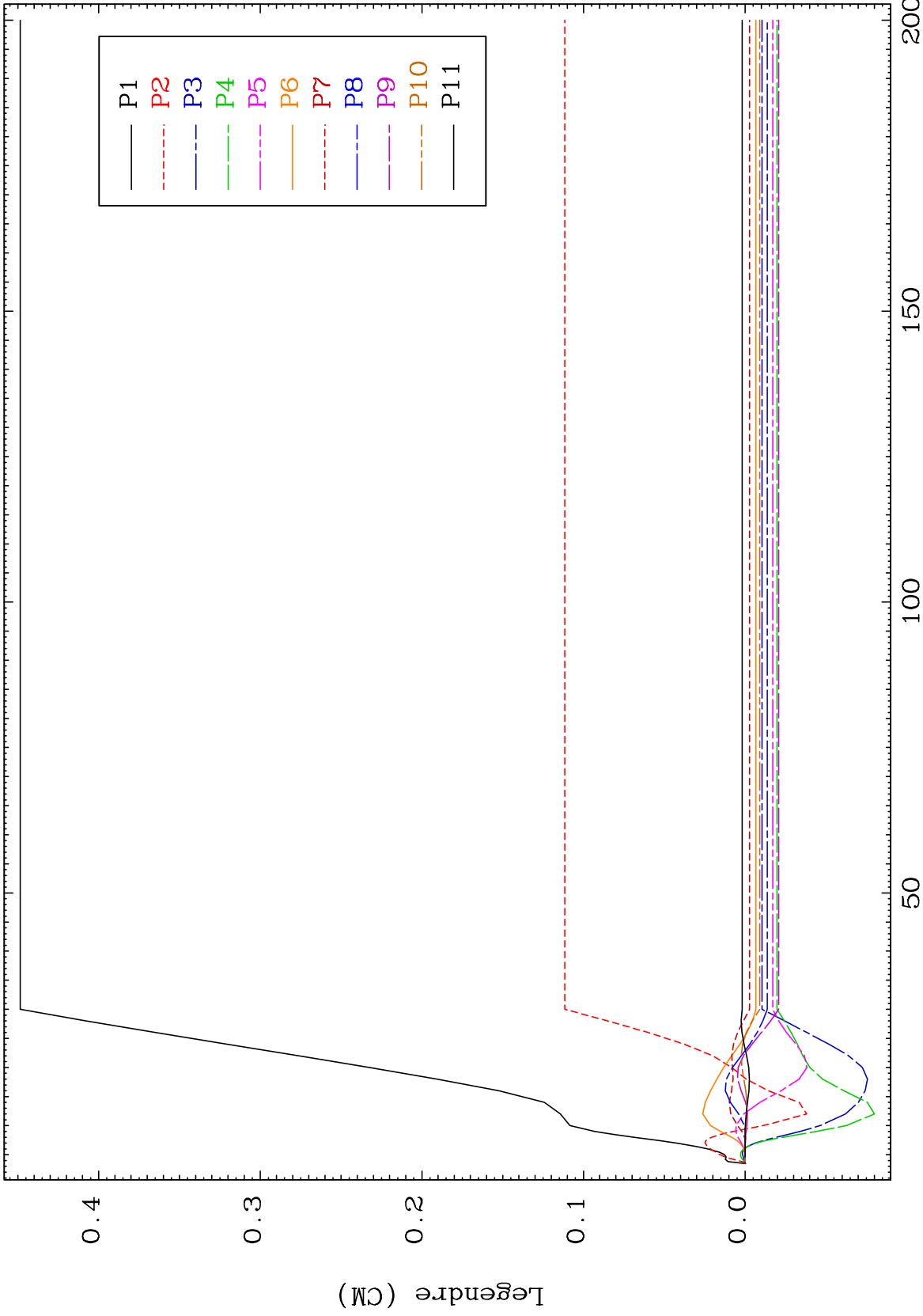
Incident Energy (MeV)

71

MAT 2422

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

24-Cr-49



72

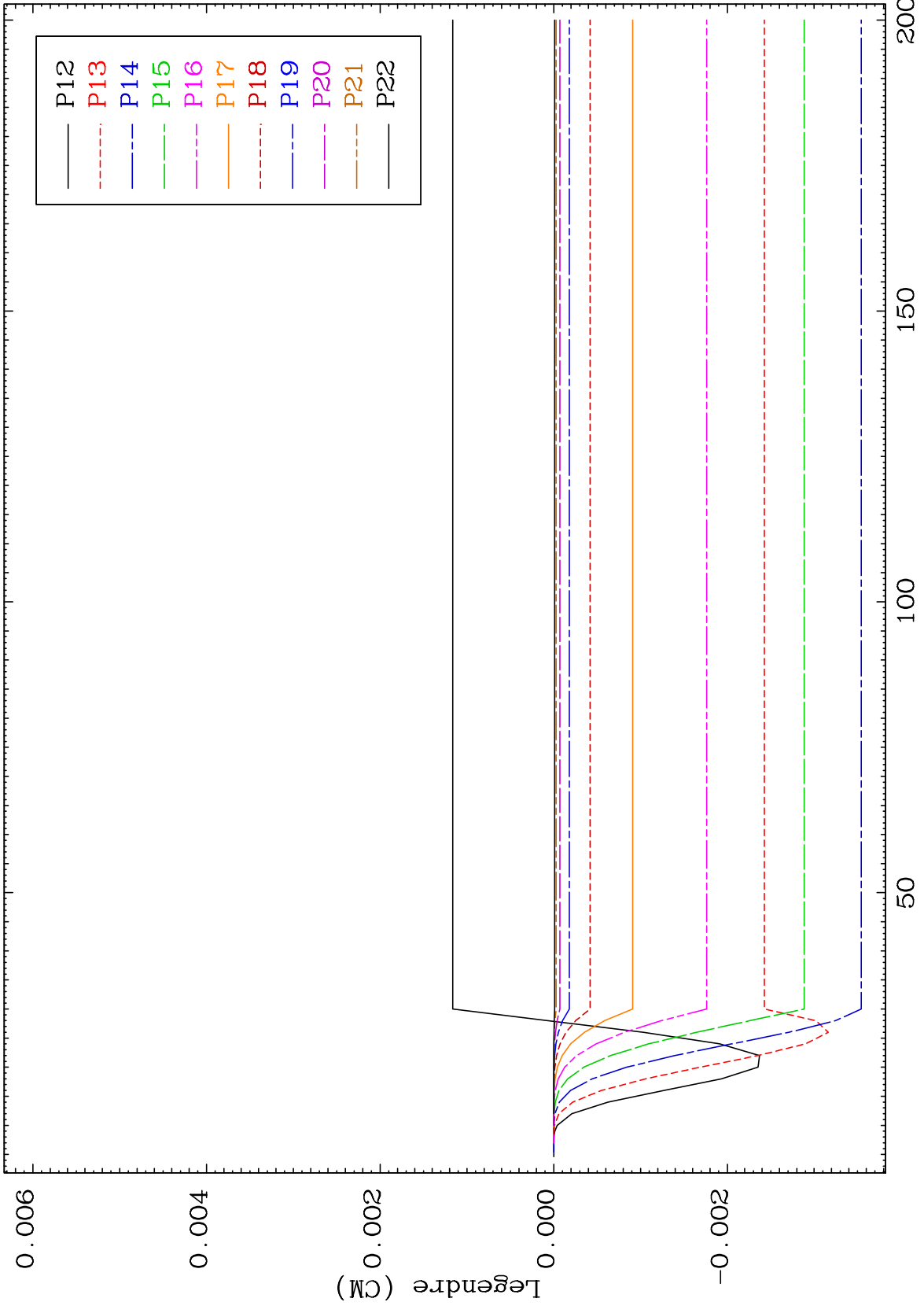
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49

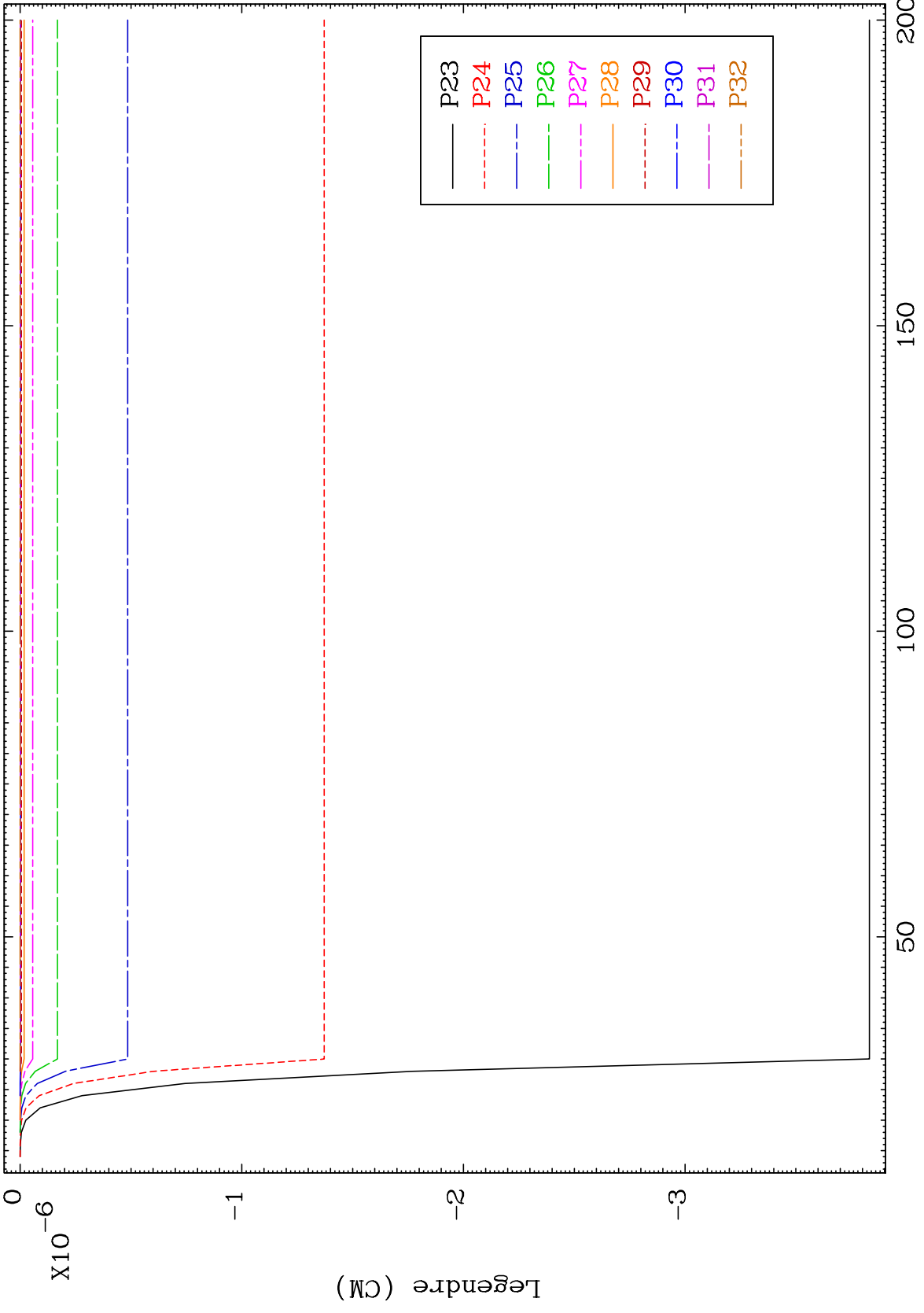


73

Incident Energy (MeV)

24-Cr-49

MAT 2422 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-49

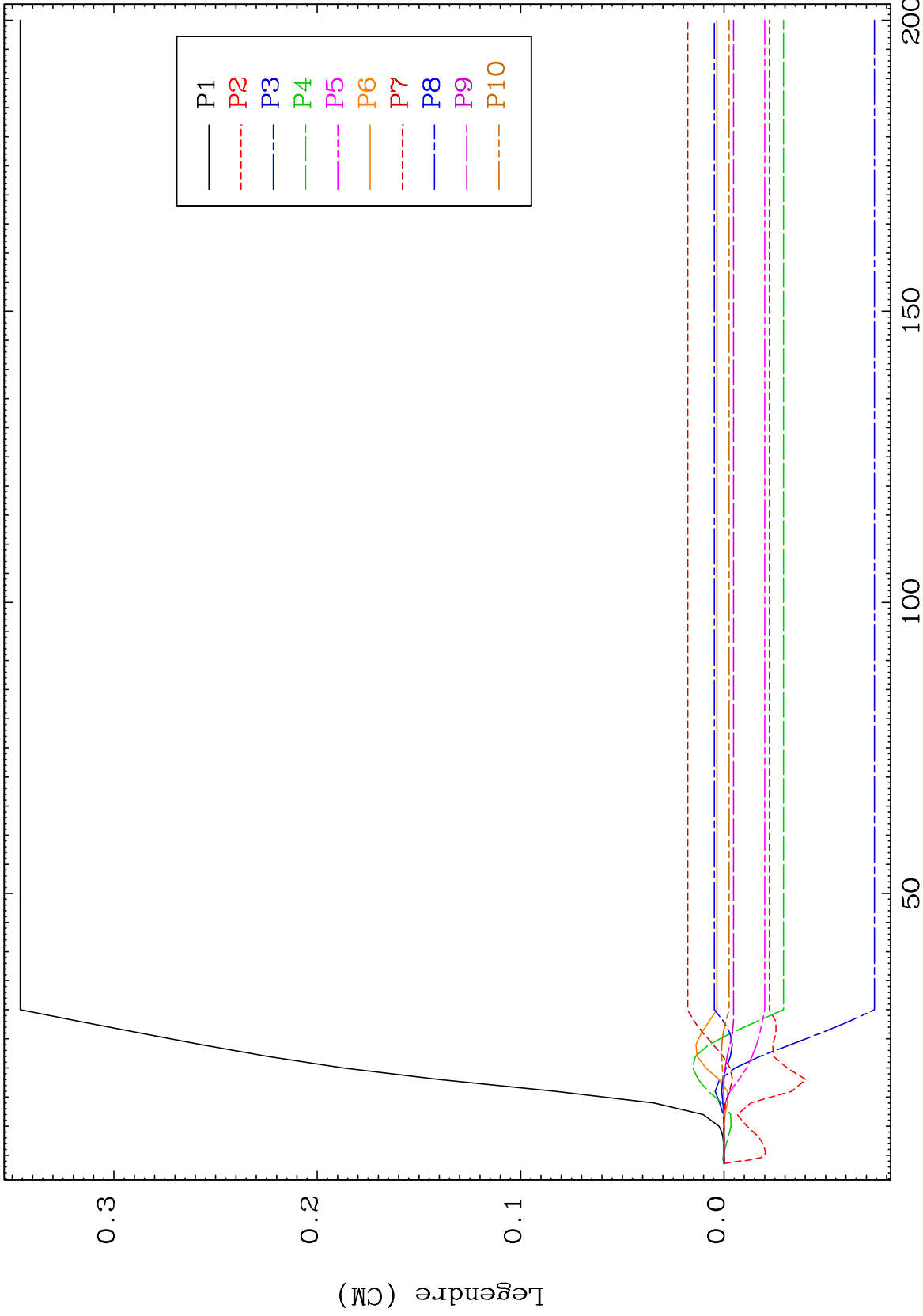


74 24-Cr-49

MAT 2422

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

24-Cr-49

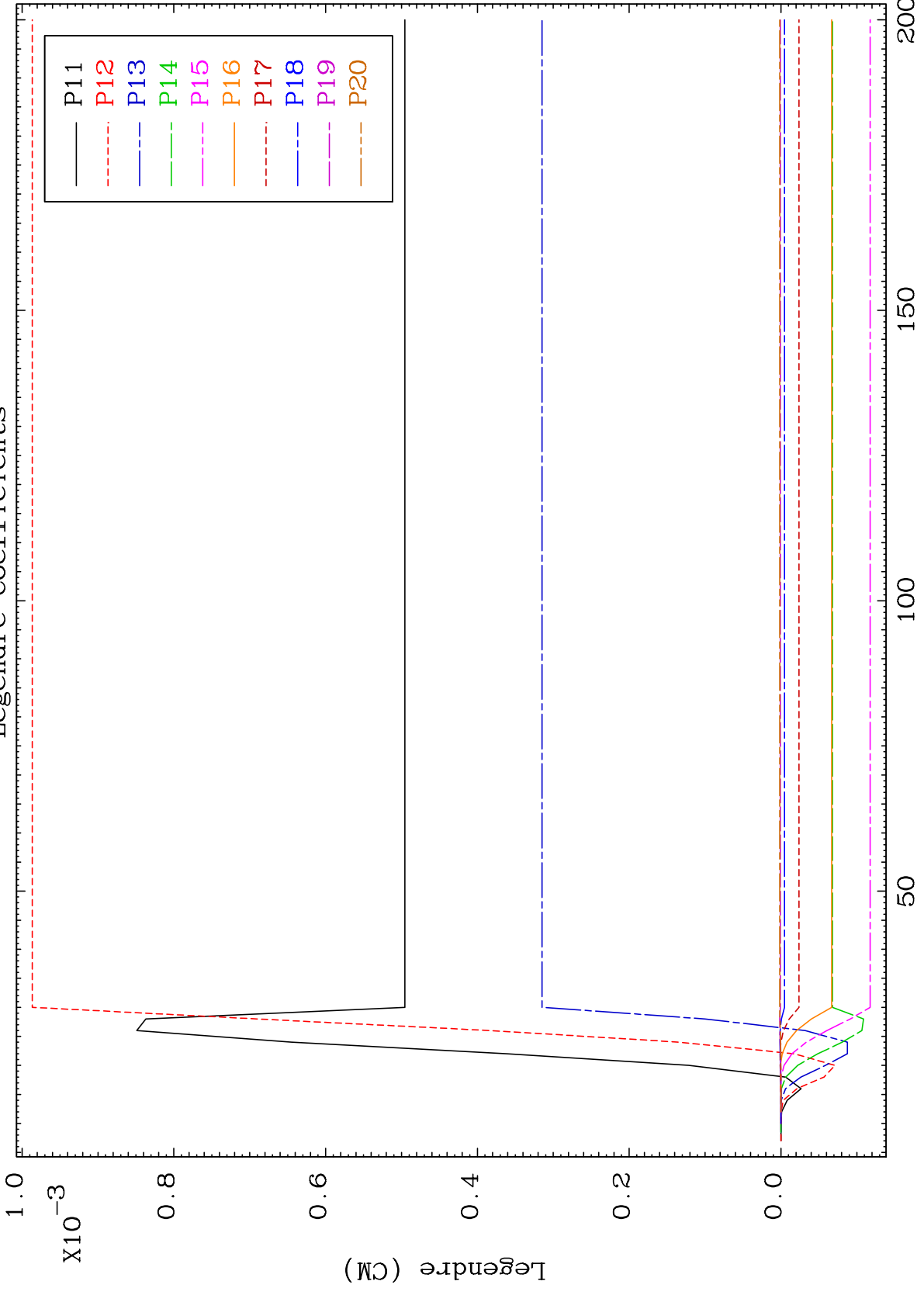


75

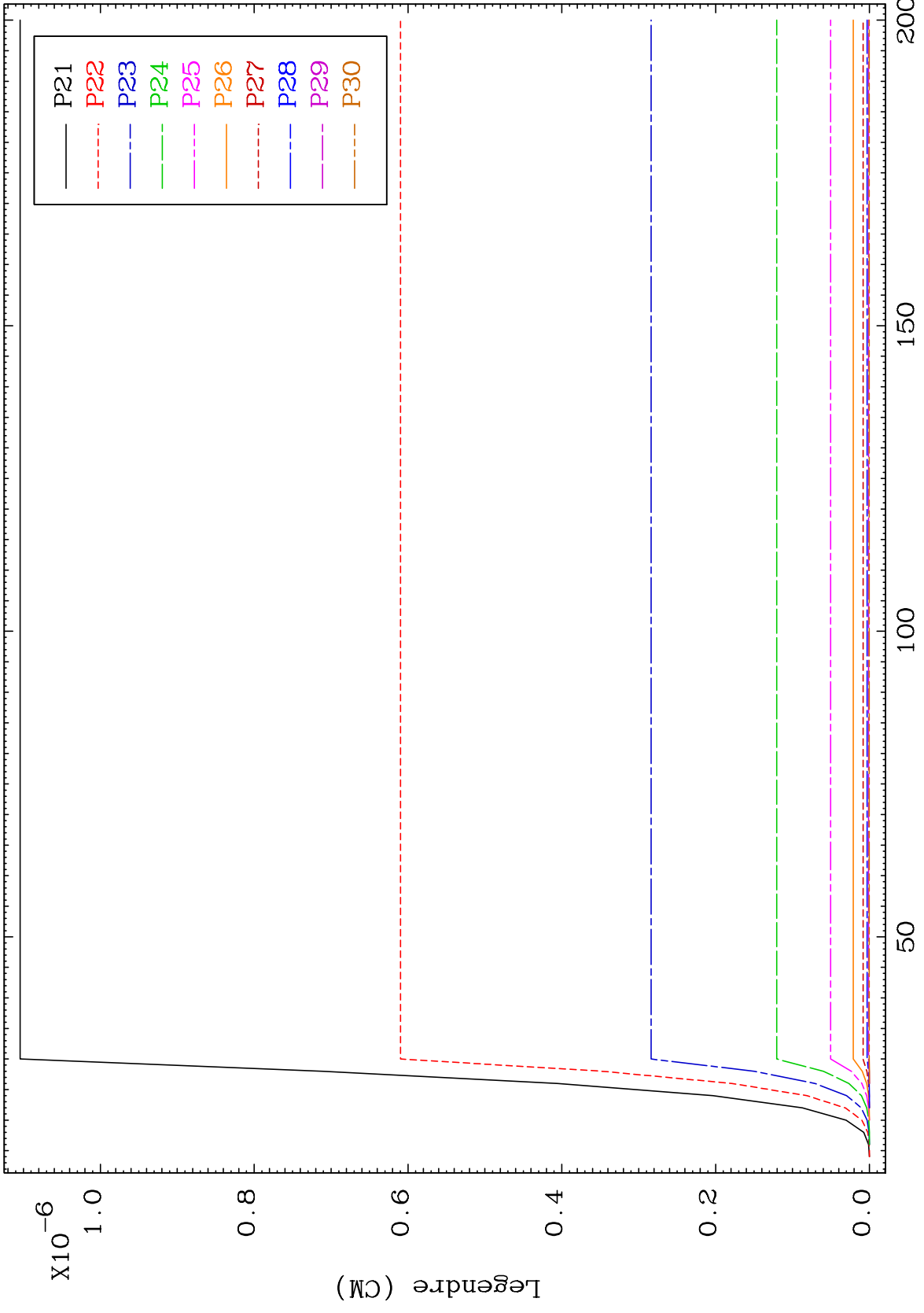
Incident Energy (MeV)

24-Cr-49

MAT 2422 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-49

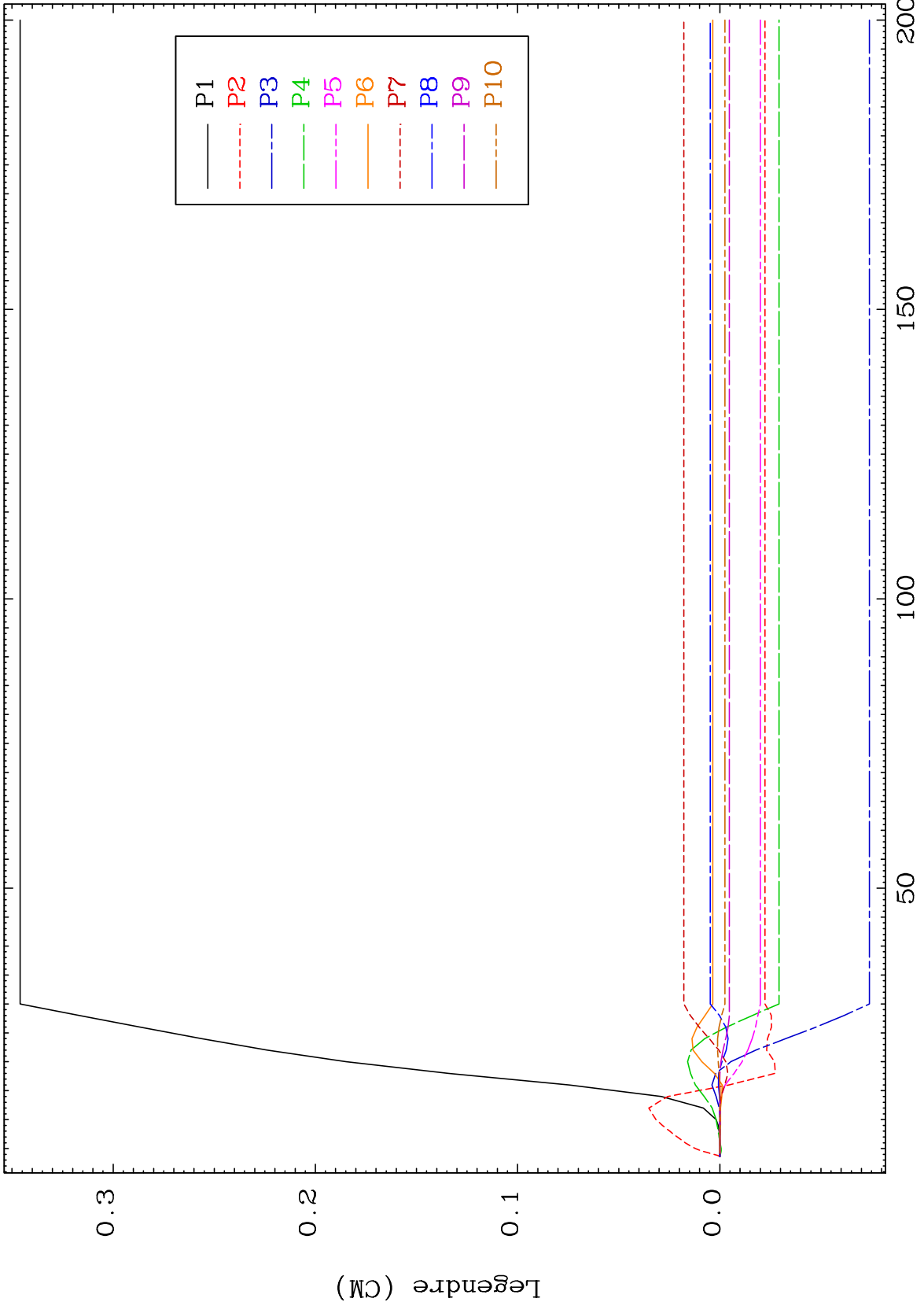


MAT 2422 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-49



77 24-Cr-49

MAT 2422 MT= 71 (n,n') Level Legendre Coefficients 24-Cr-49

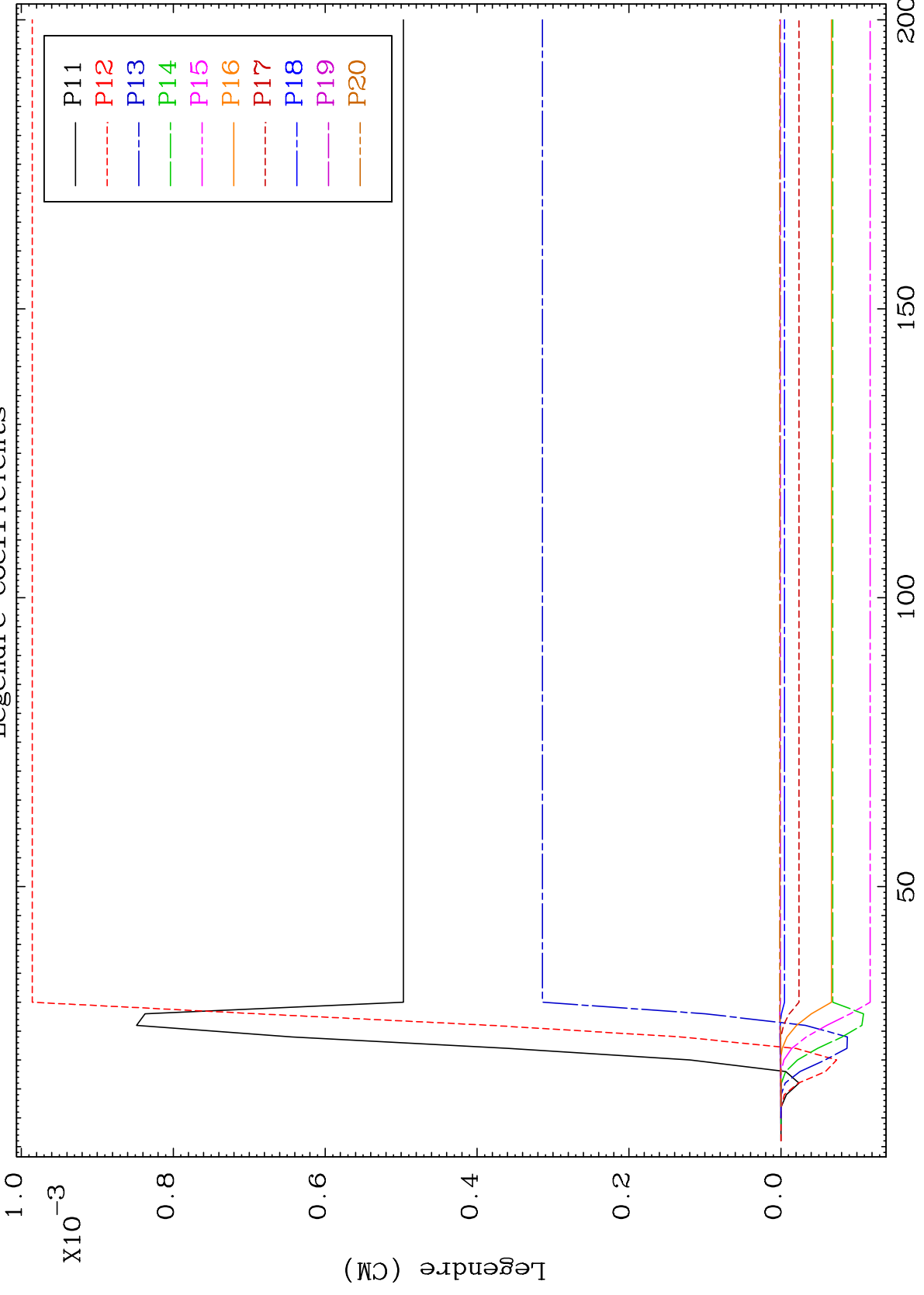


78 24-Cr-49

MAT 2422

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

24-Cr-49



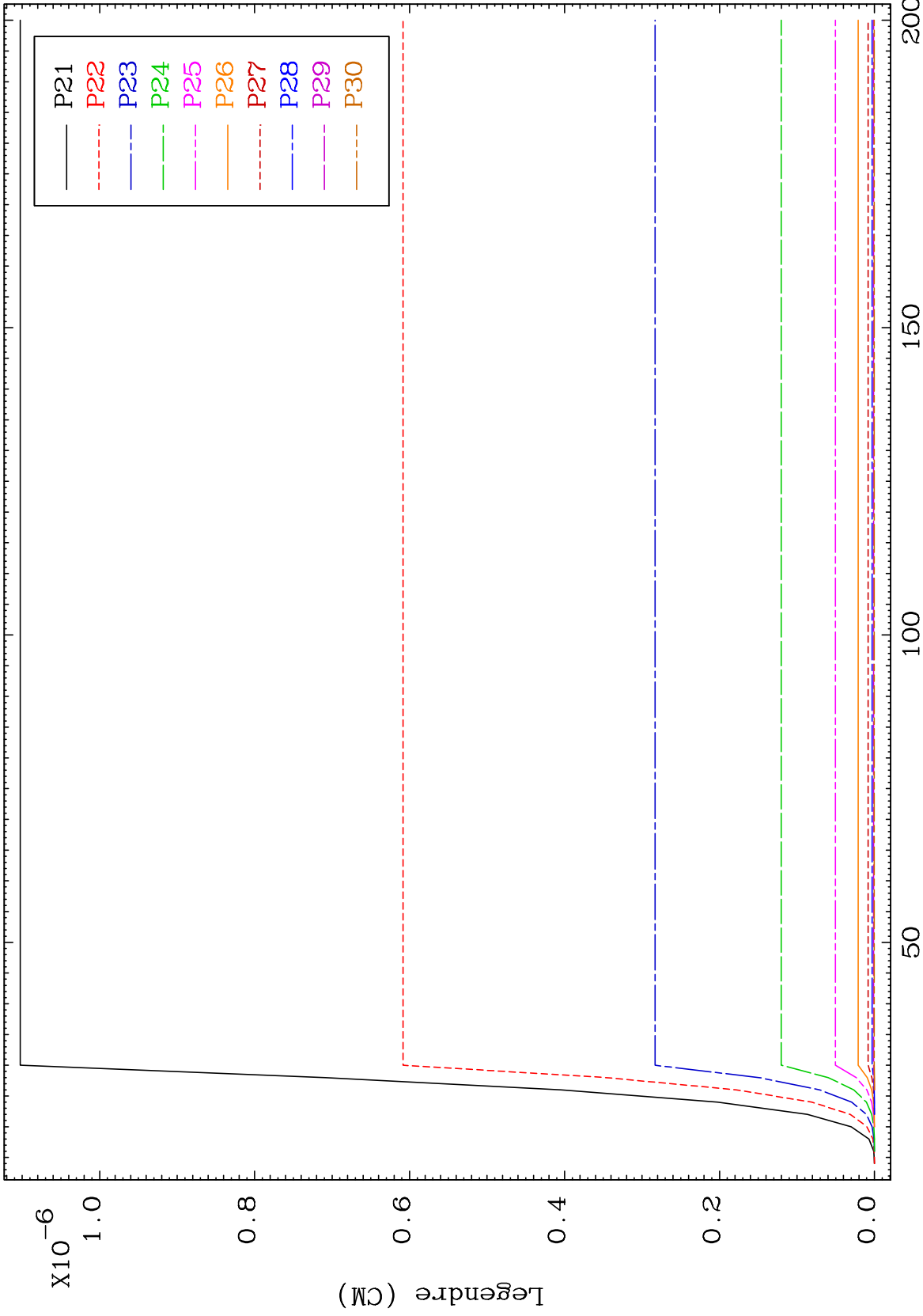
79

24-Cr-49

MAT 2422

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

24-Cr-49



80

Incident Energy (MeV)

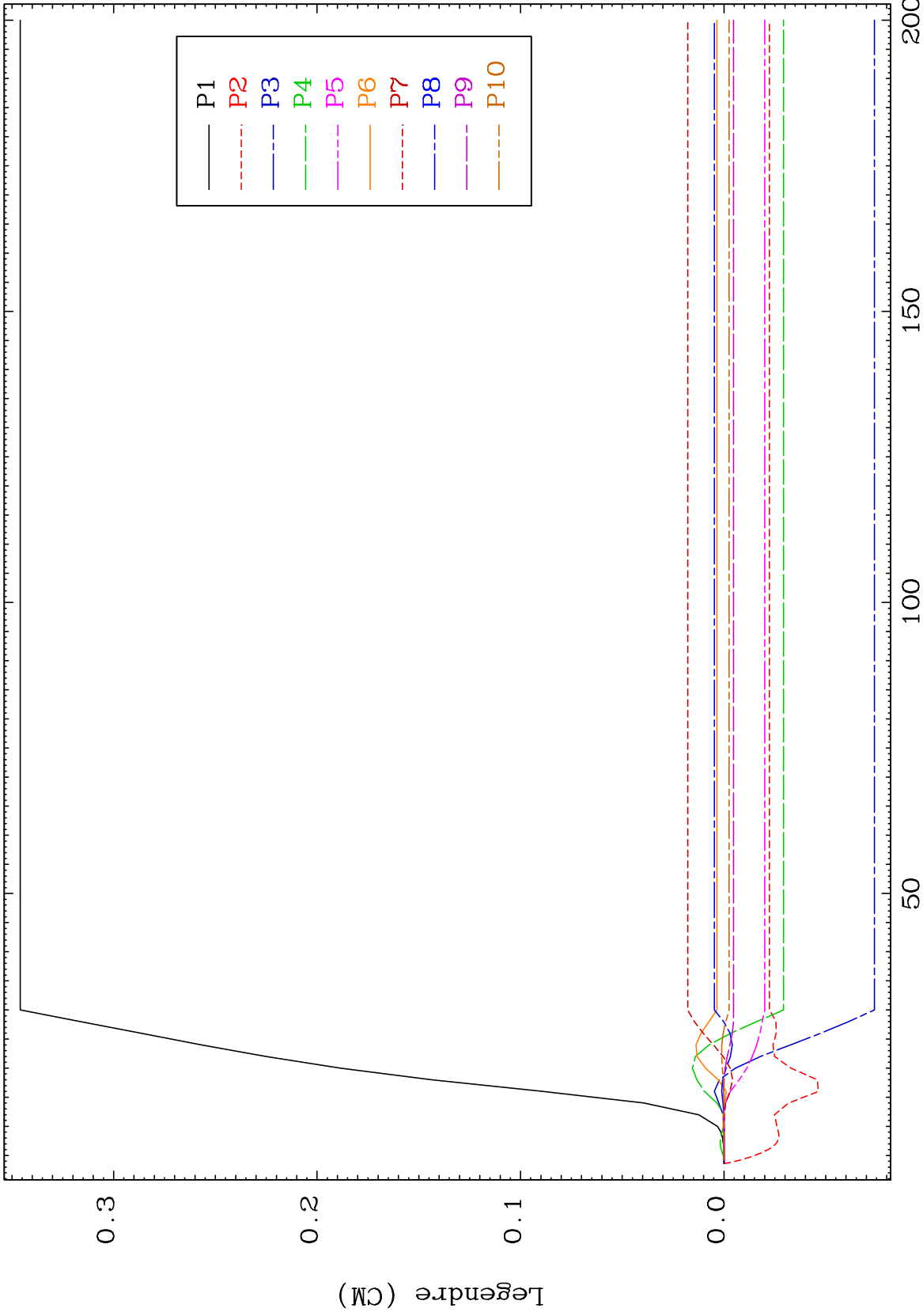
50

100

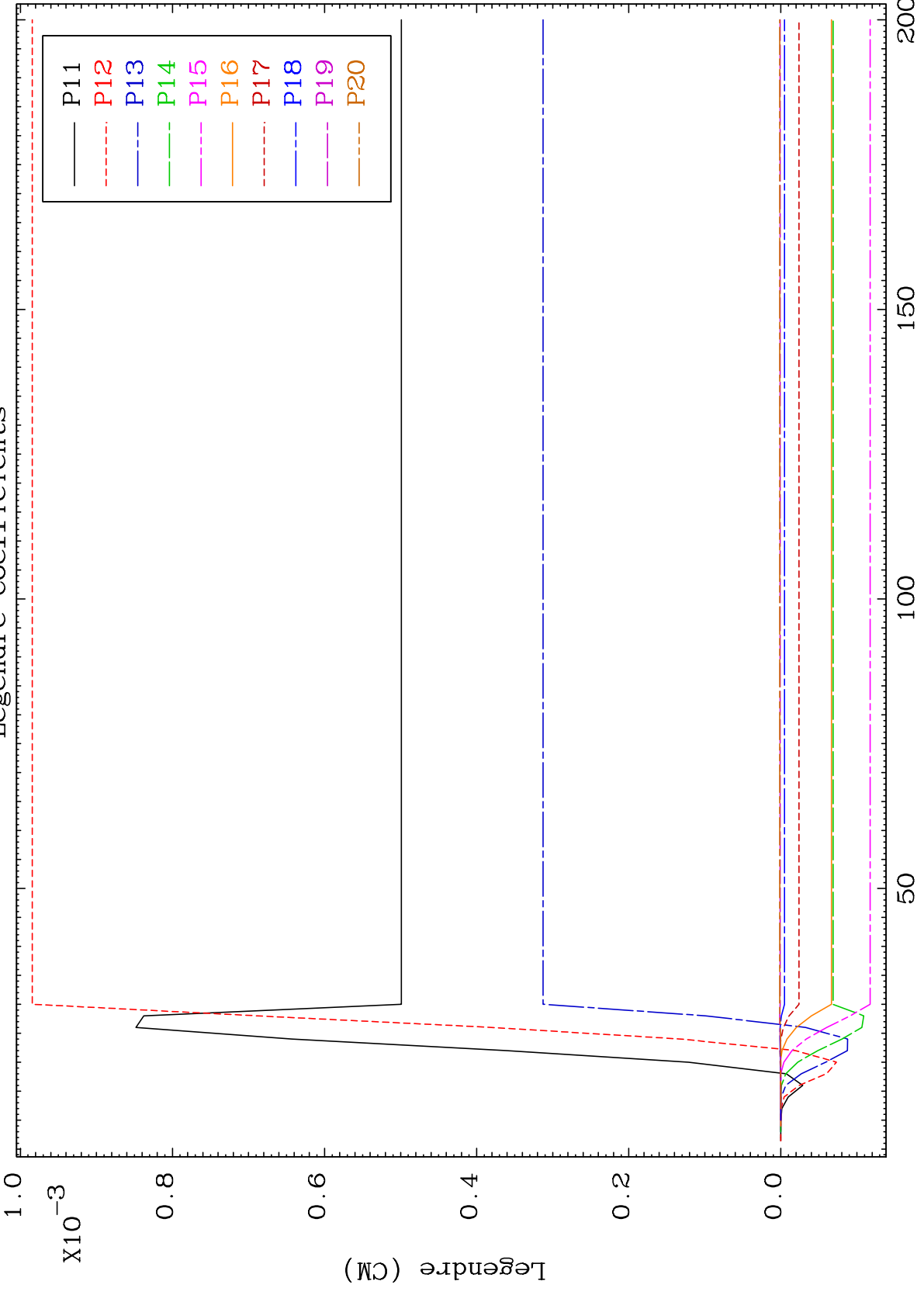
150

200

24-Cr-49



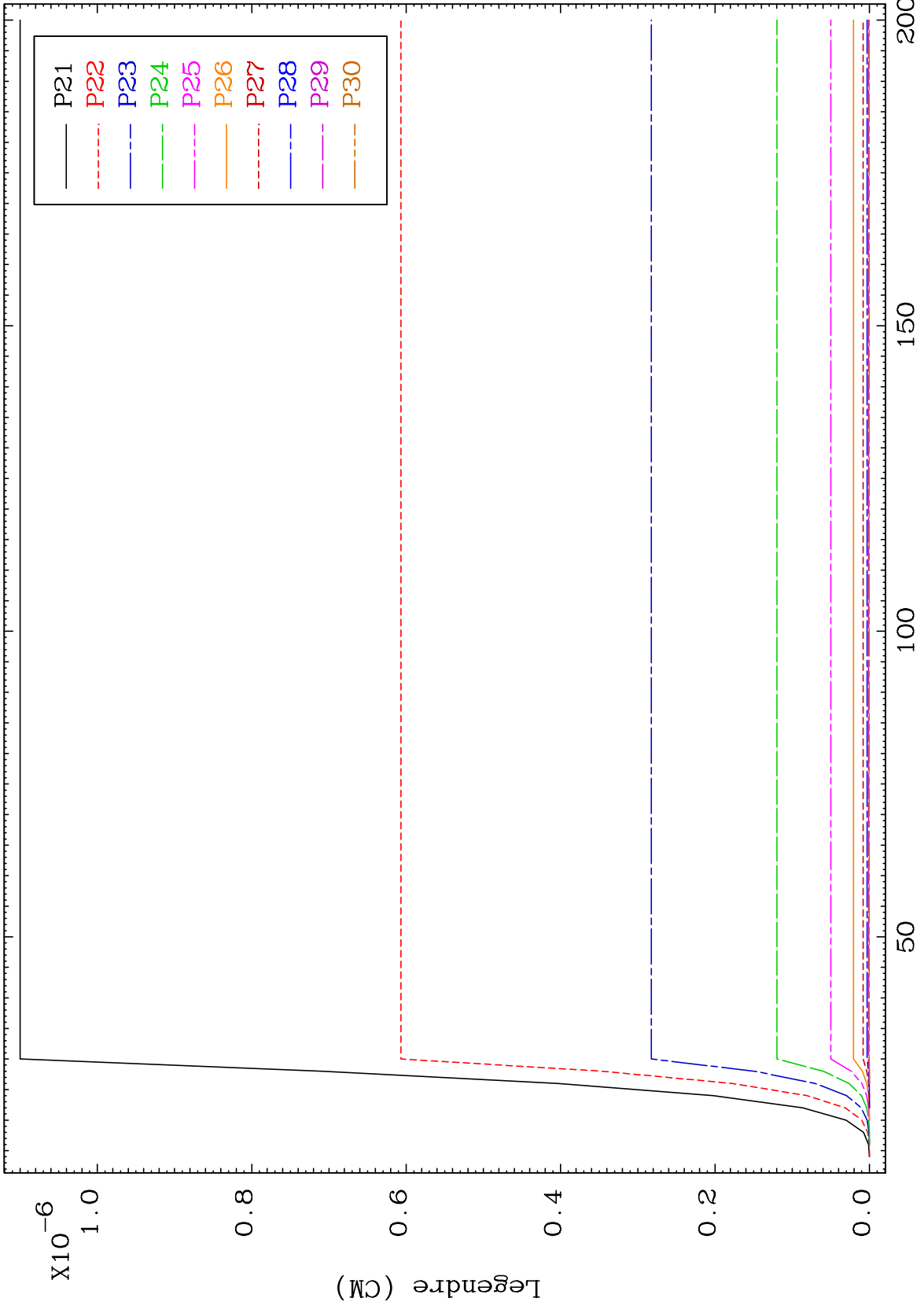
MAT 2422 MT= 72 (n,n') Level Legendre Coefficients 24-Cr-49



MAT 2422

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

24-Cr-49



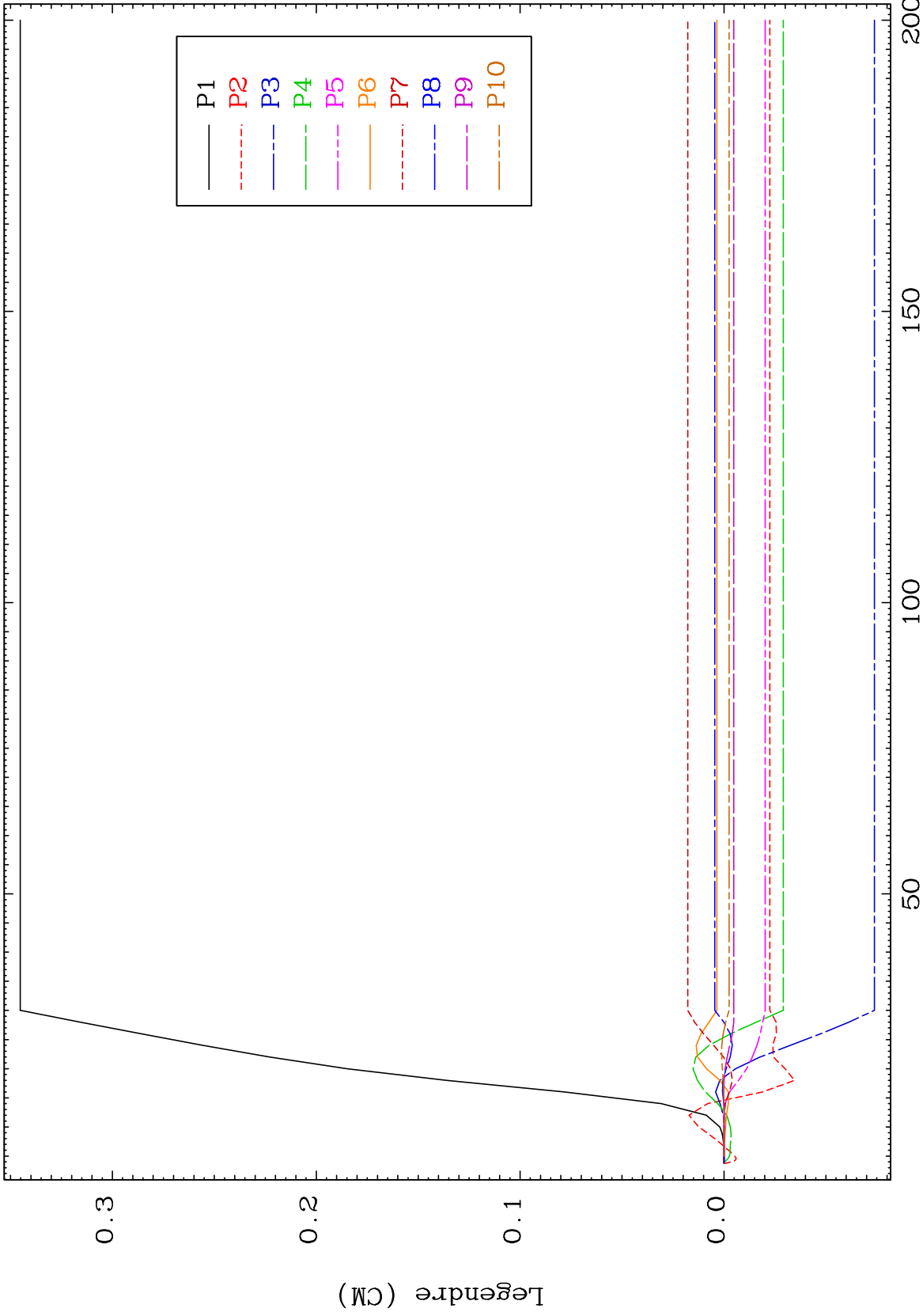
83

24-Cr-49

MAT 2422

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

24-Cr-49



84

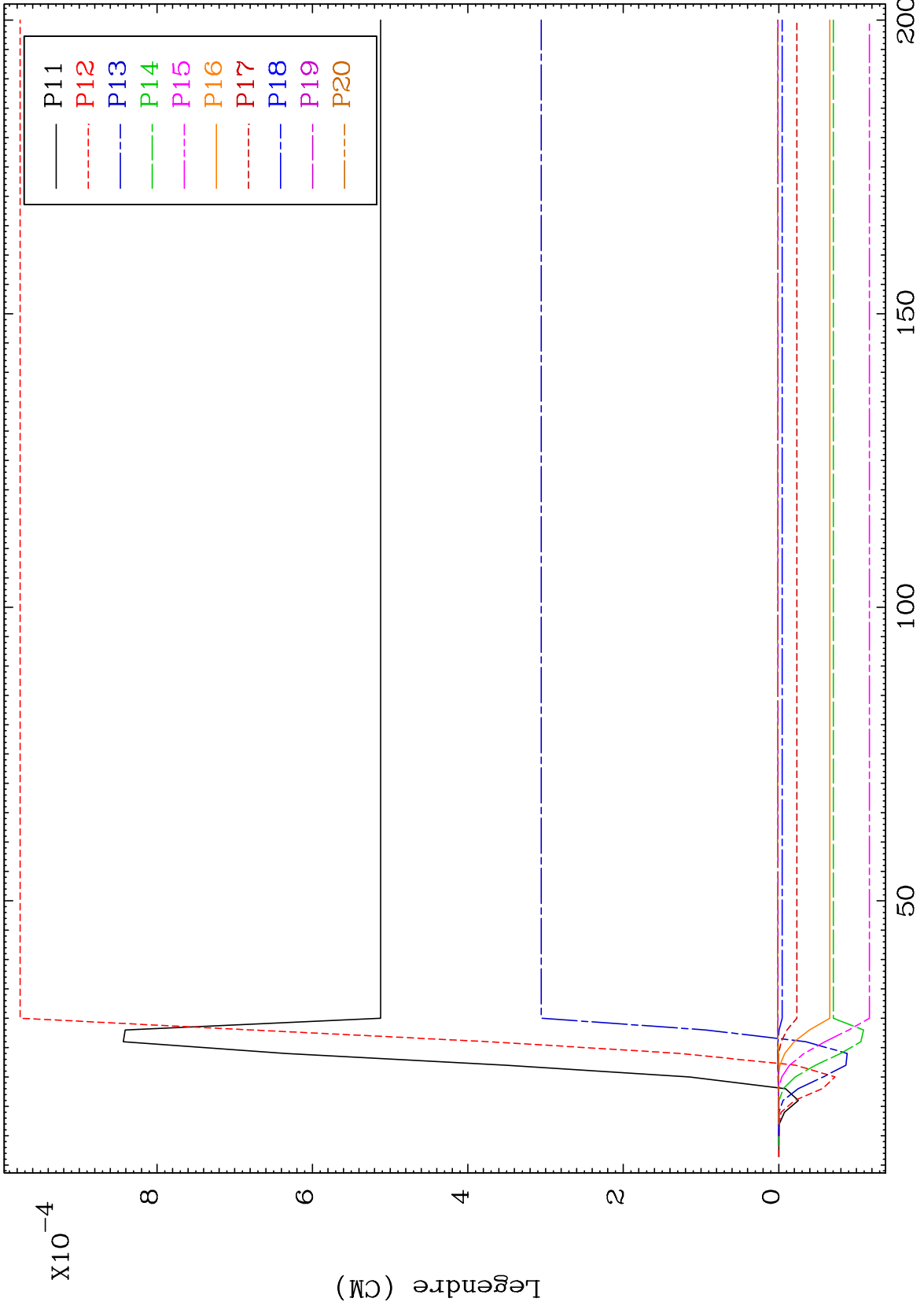
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



85

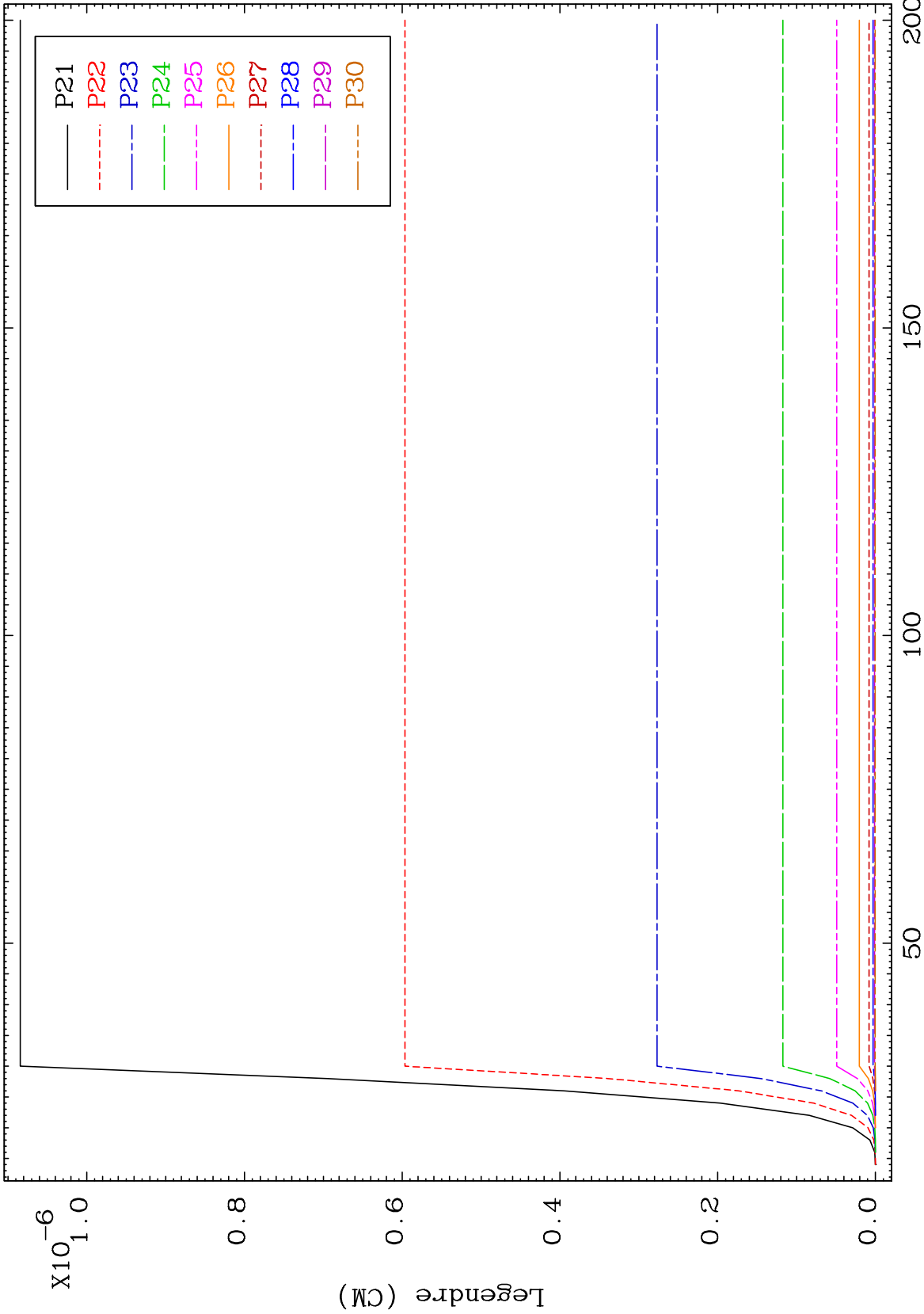
24-Cr-49

200

MAT 2422

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

24-Cr-49



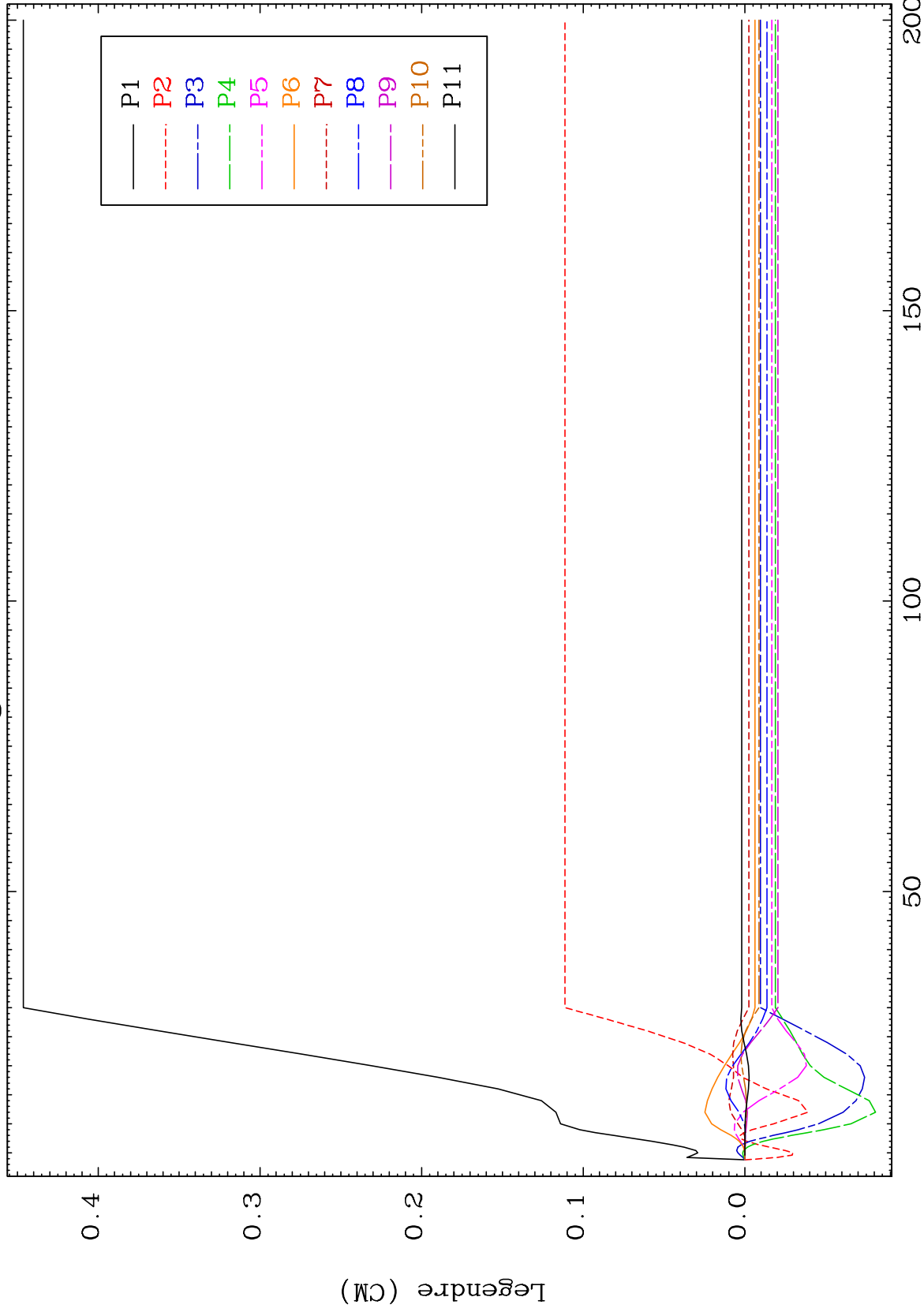
86

24-Cr-49

MAT 2422

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

24-Cr-49



87

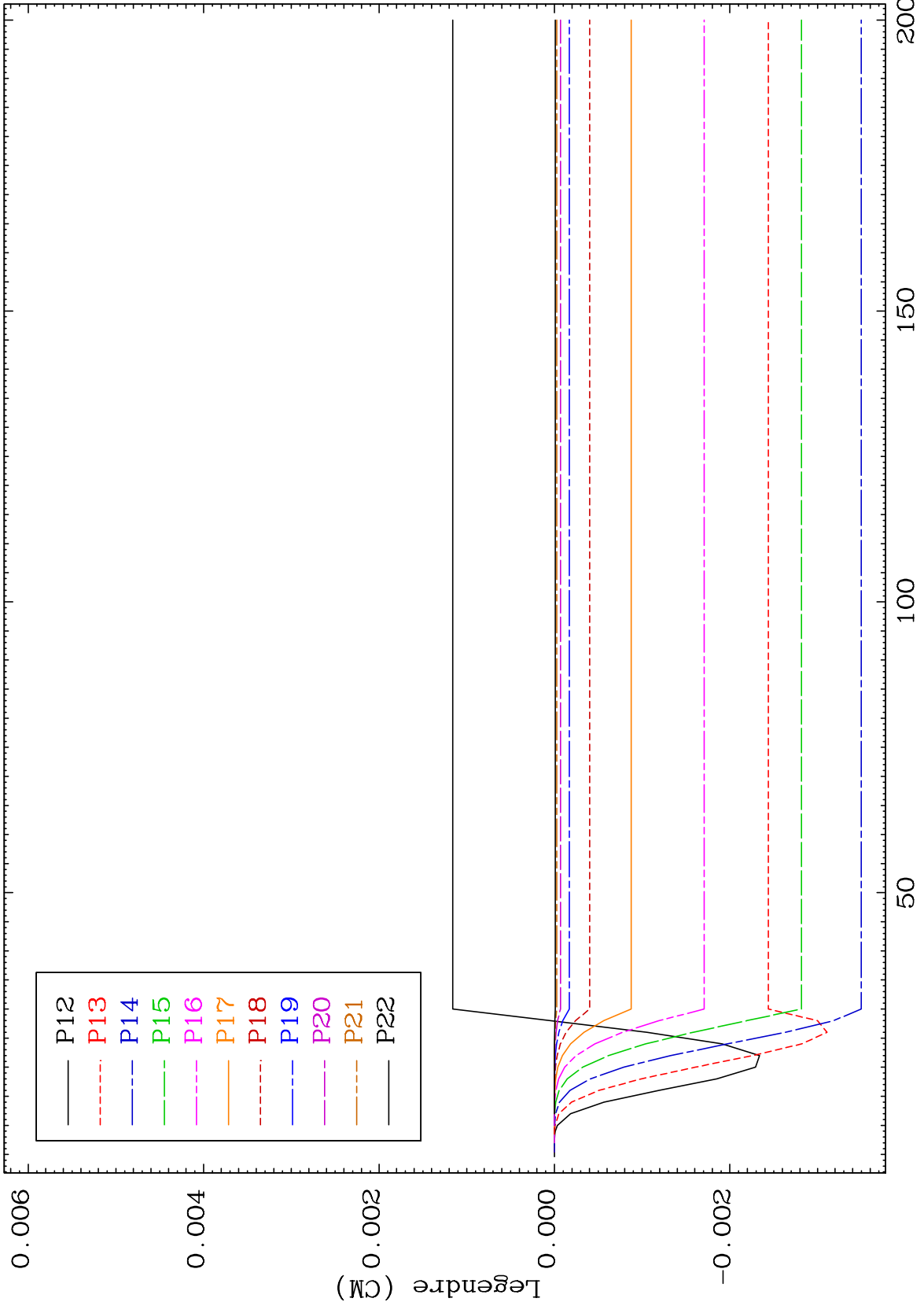
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

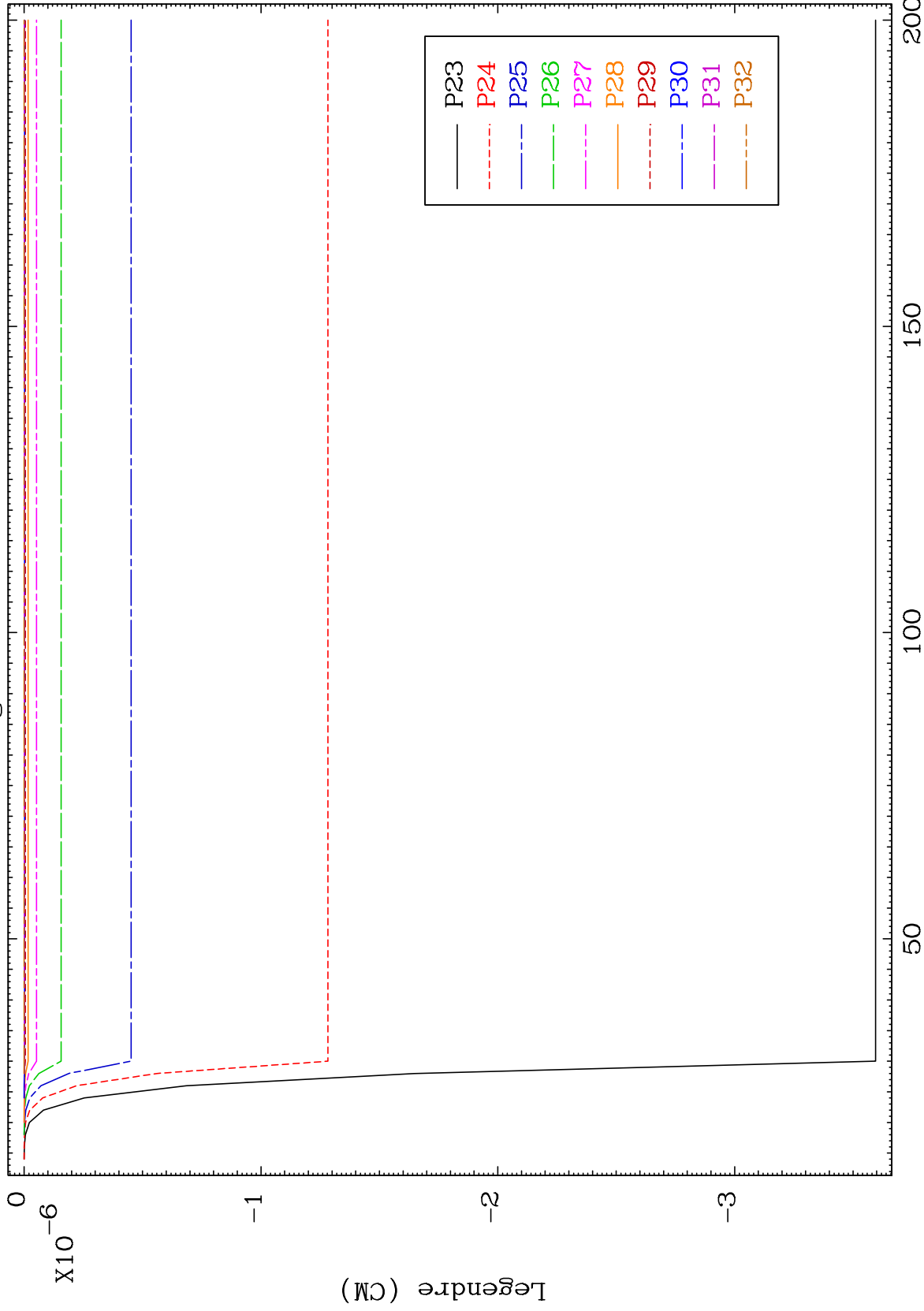
24-Cr-49



MAT 2422

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

24-Cr-49



89

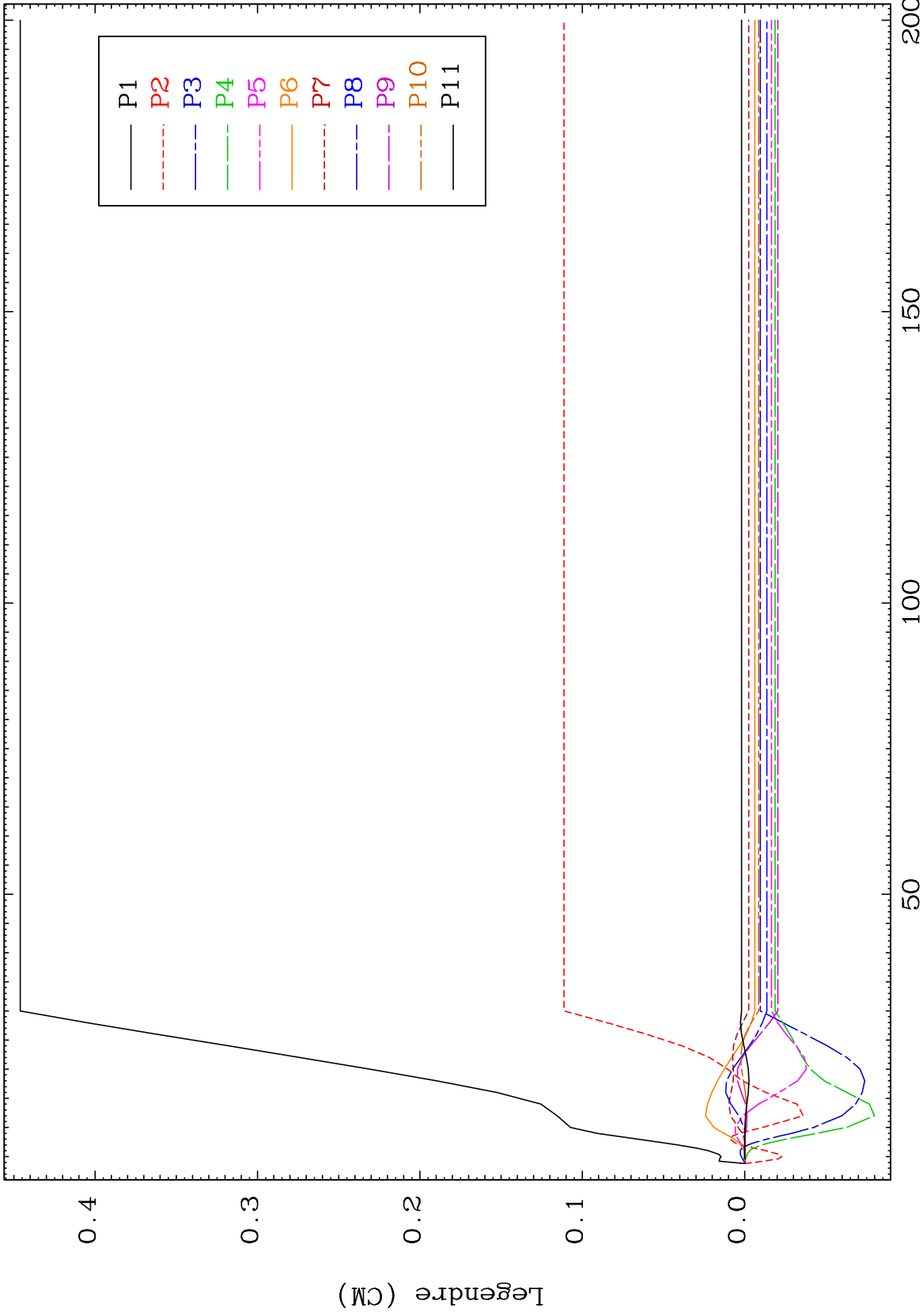
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



90

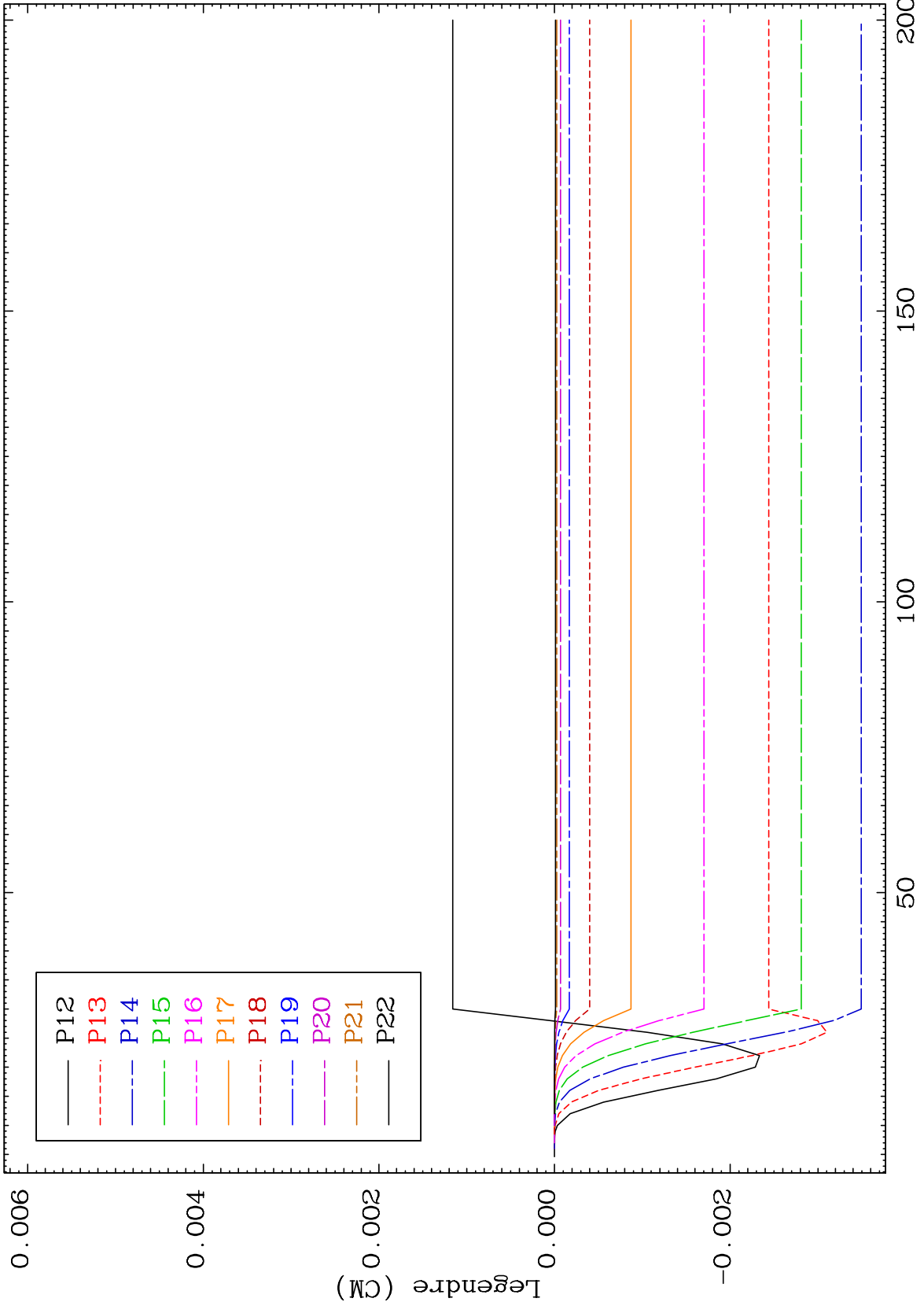
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

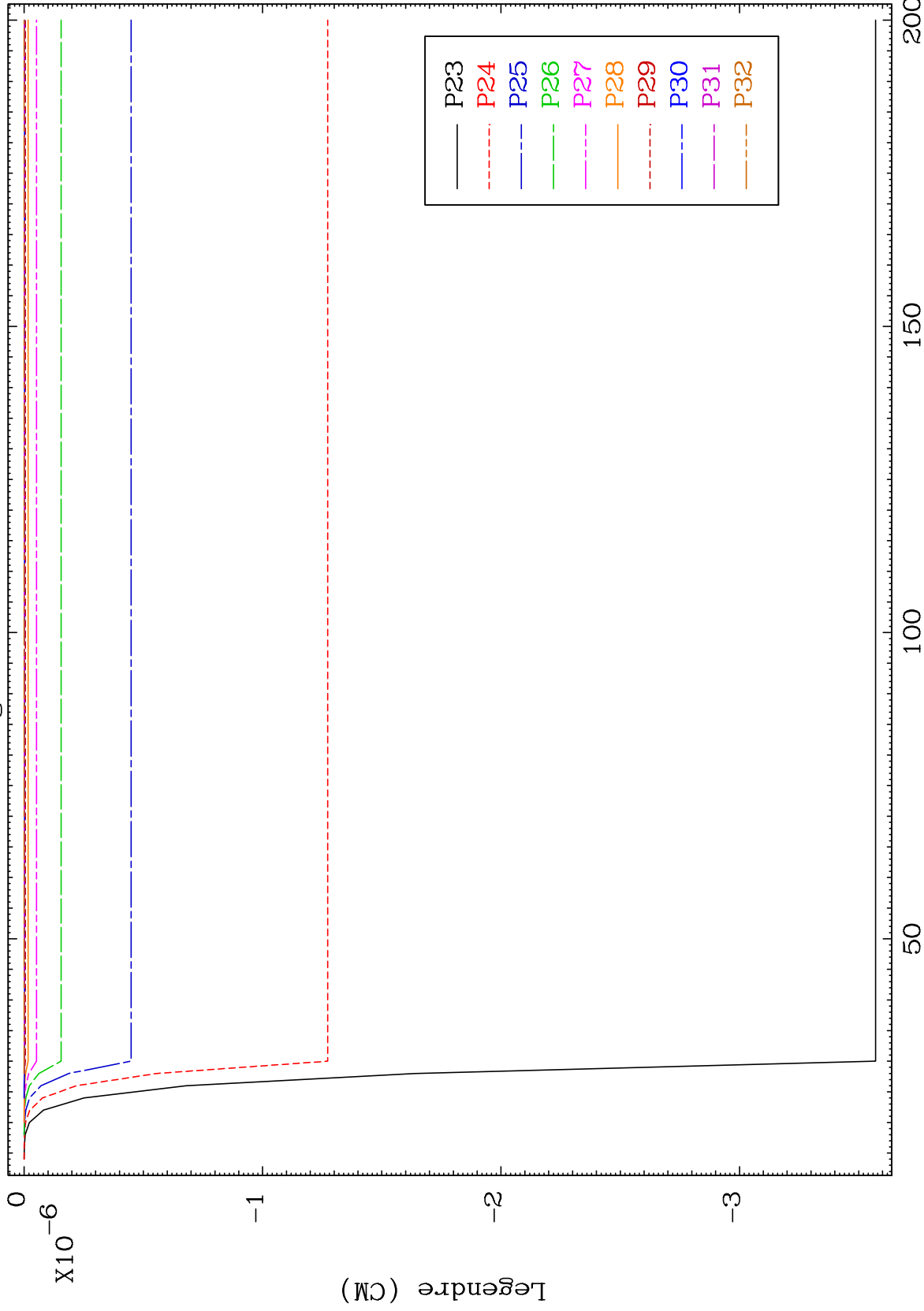
24-Cr-49



MAT 2422

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

24-Cr-49



24-Cr-49

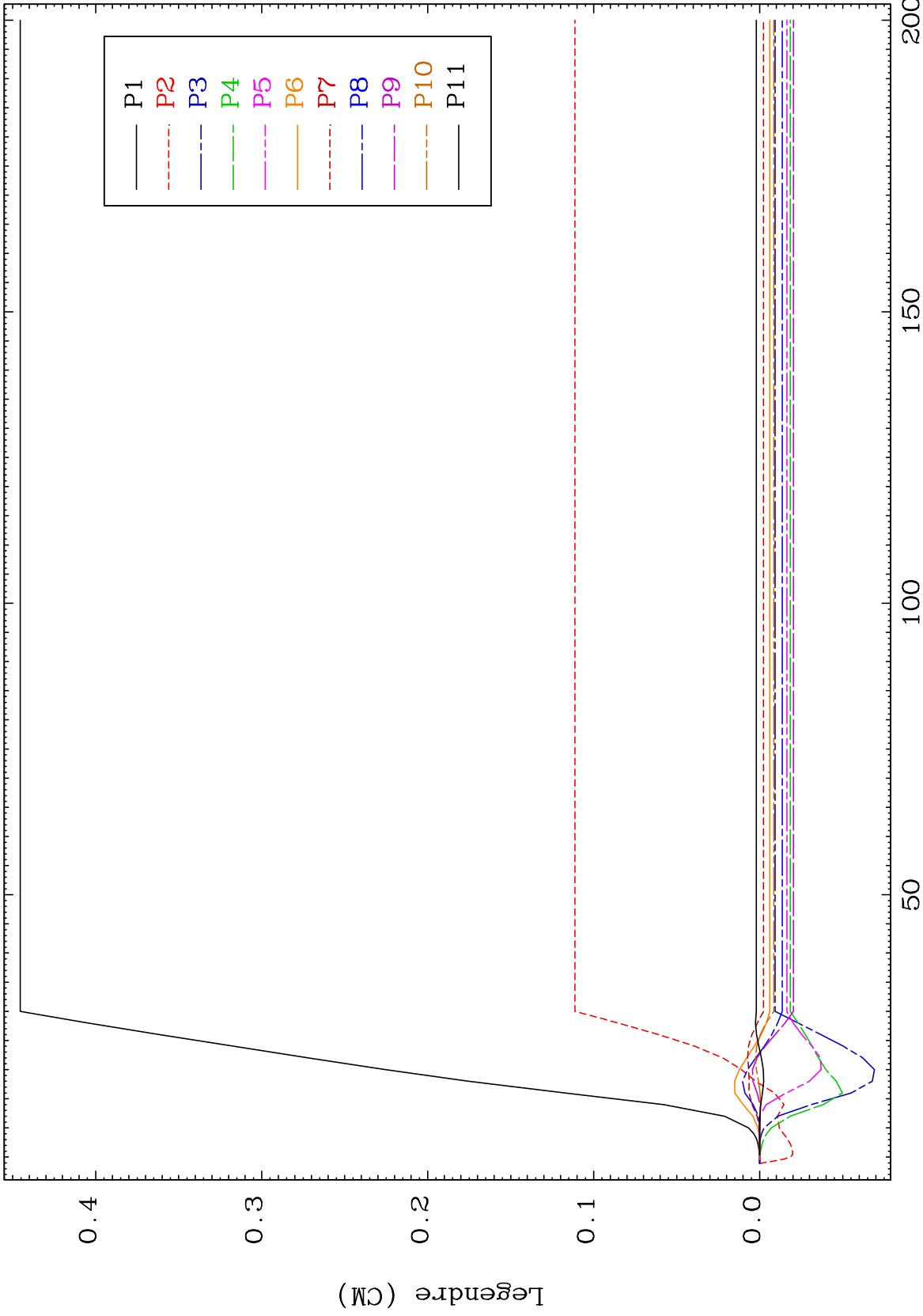
Incident Energy (MeV)

92

MAT 2422

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

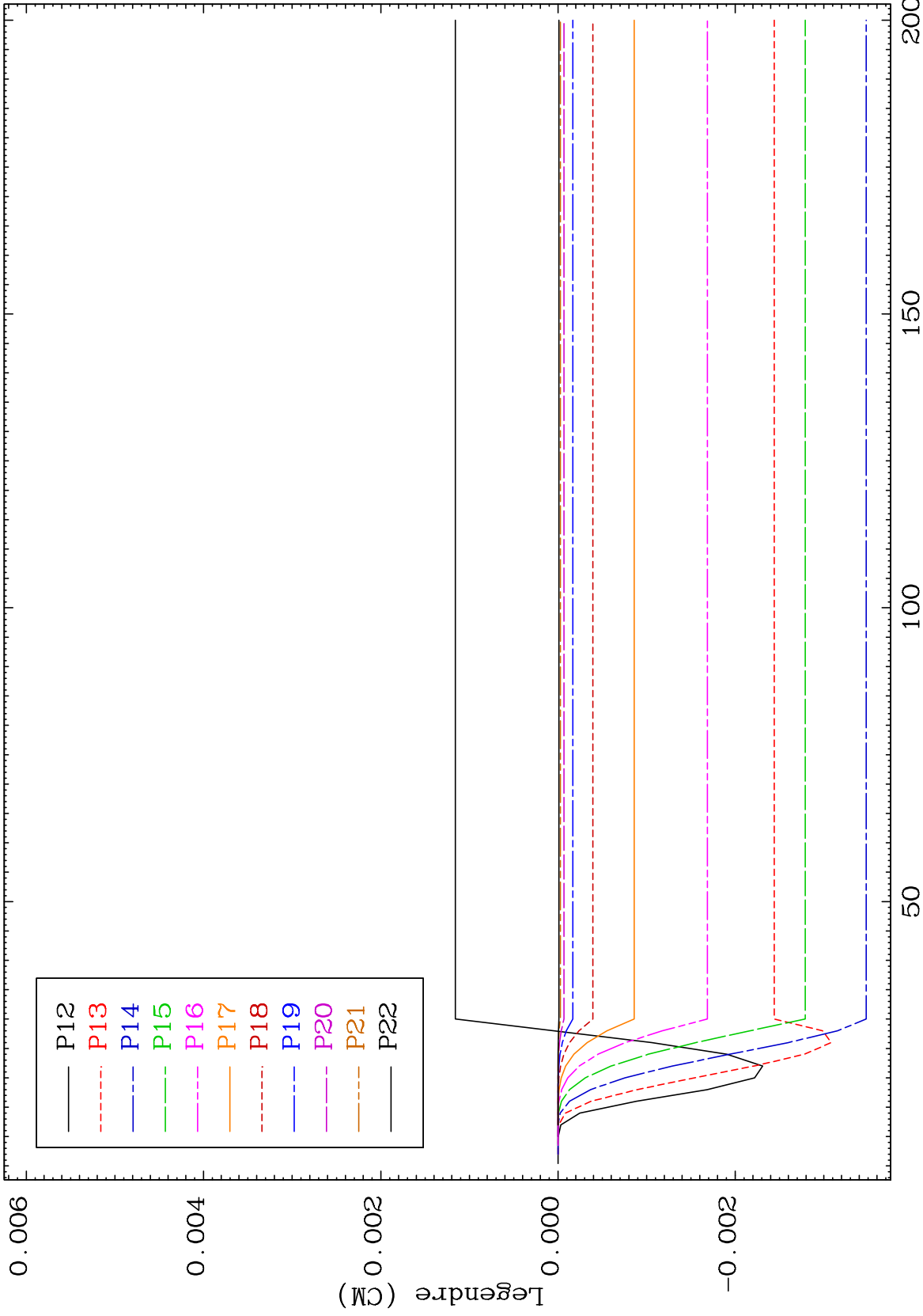
24-Cr-49



93

Incident Energy (MeV)

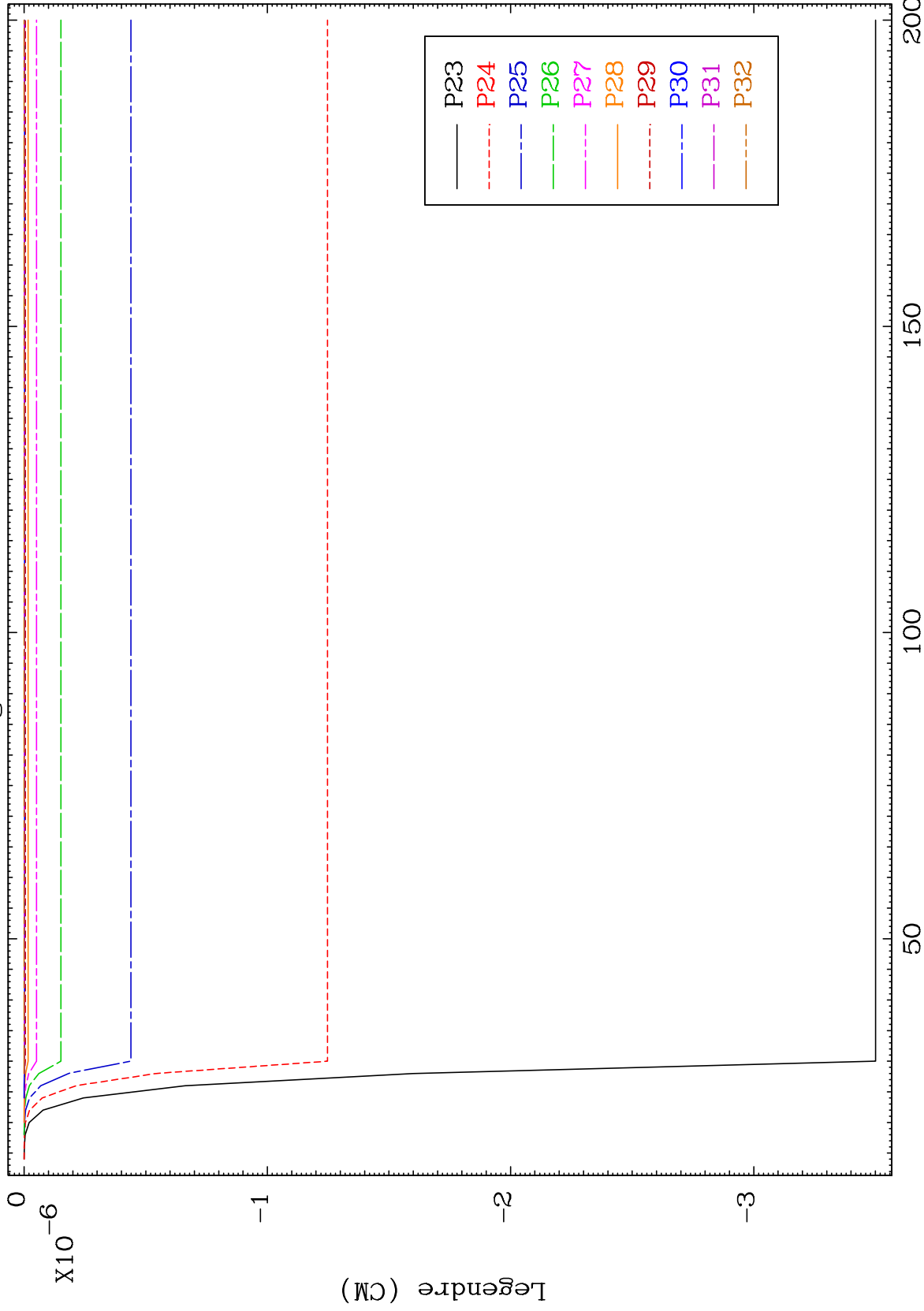
24-Cr-49



MAT 2422

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

24-Cr-49



24-Cr-49

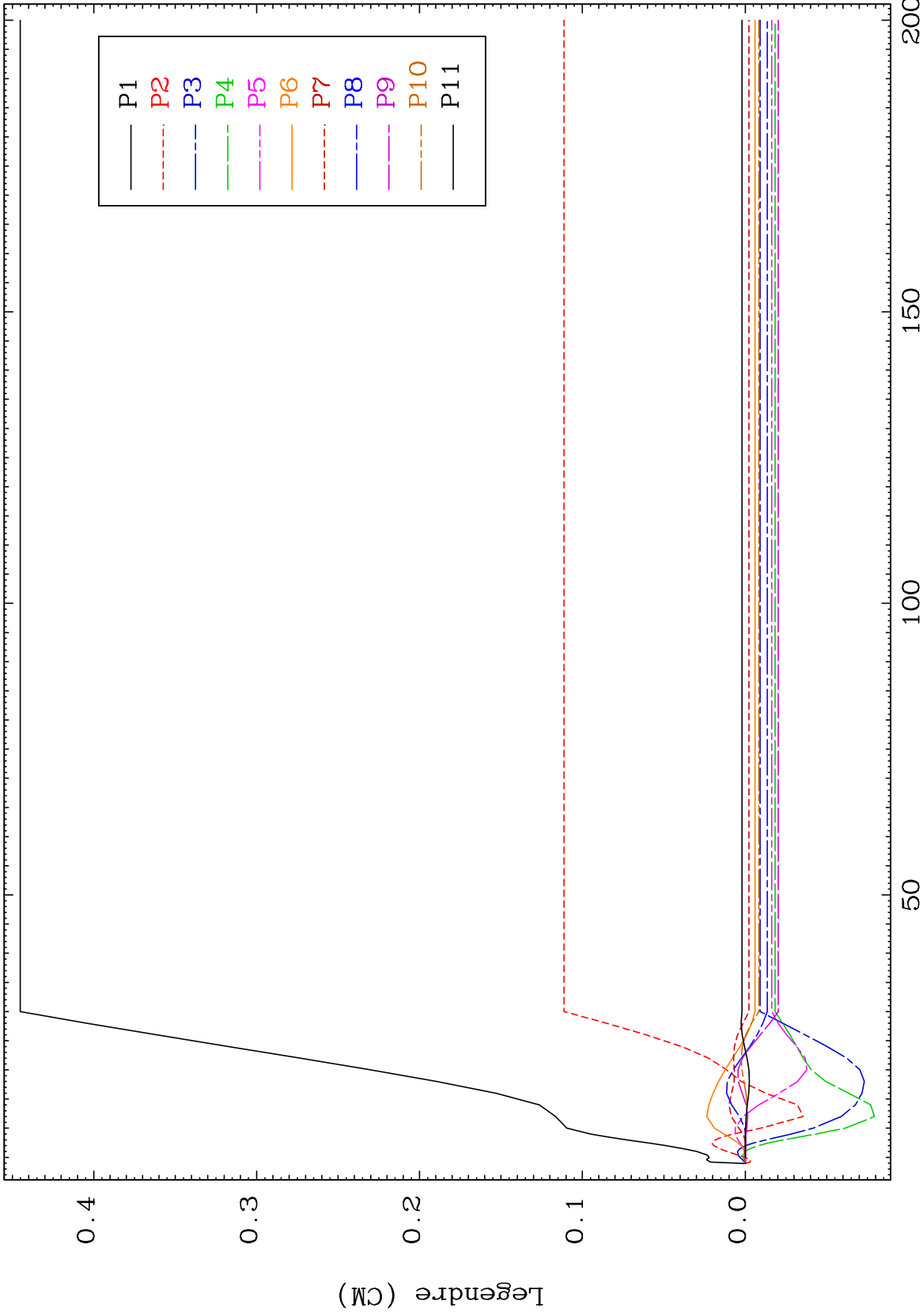
Incident Energy (MeV)

95

MAT 2422

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

24-Cr-49



96

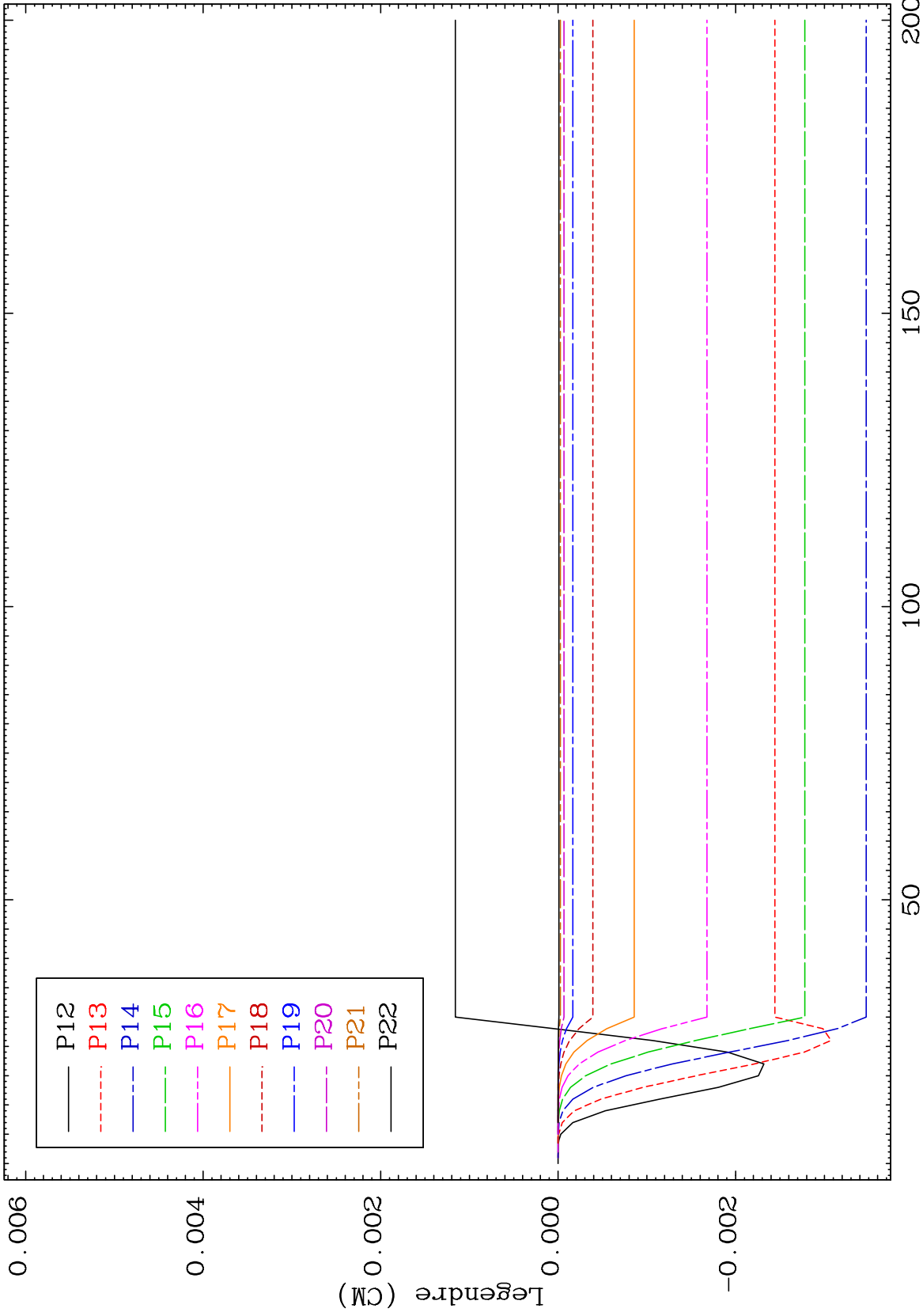
Incident Energy (MeV)

24-Cr-49

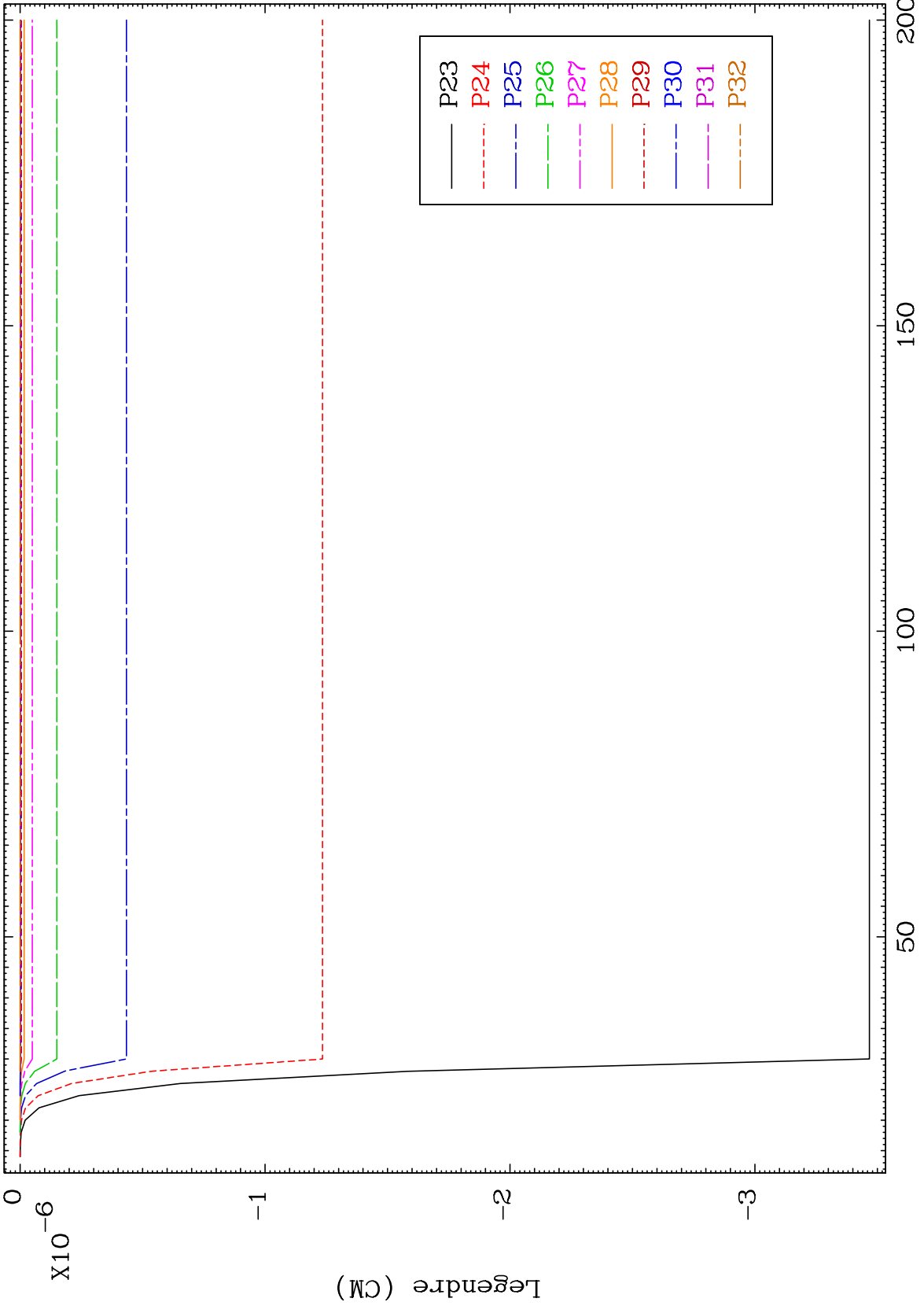
MAT 2422

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

24-Cr-49



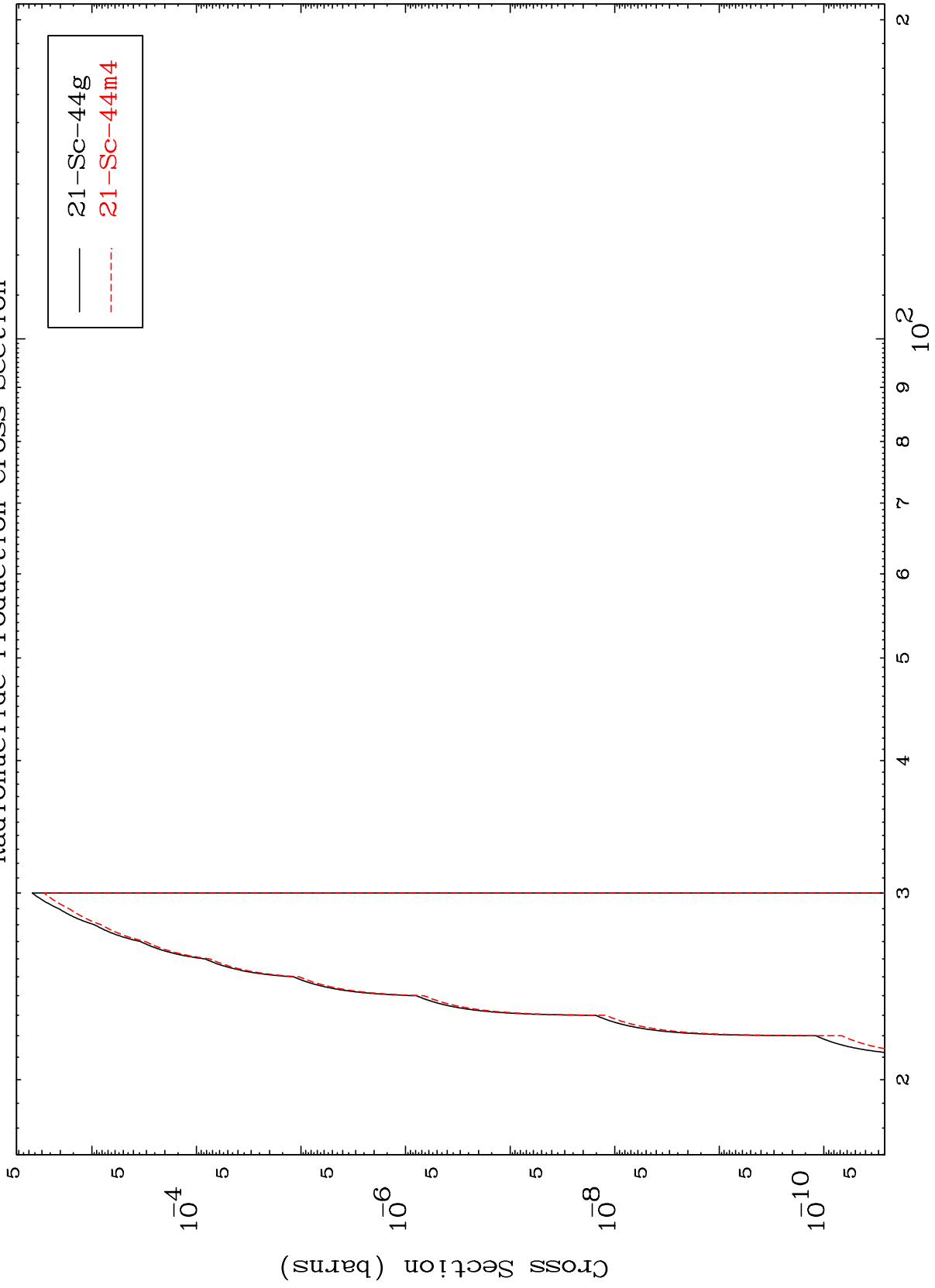
MAT 2422 MT= 77 (n,n') Level Legendre Coefficients 24-Cr-49



MAT 2422

24-Cr-49

(n,n') p α
Radionuclide Production Cross Section



99

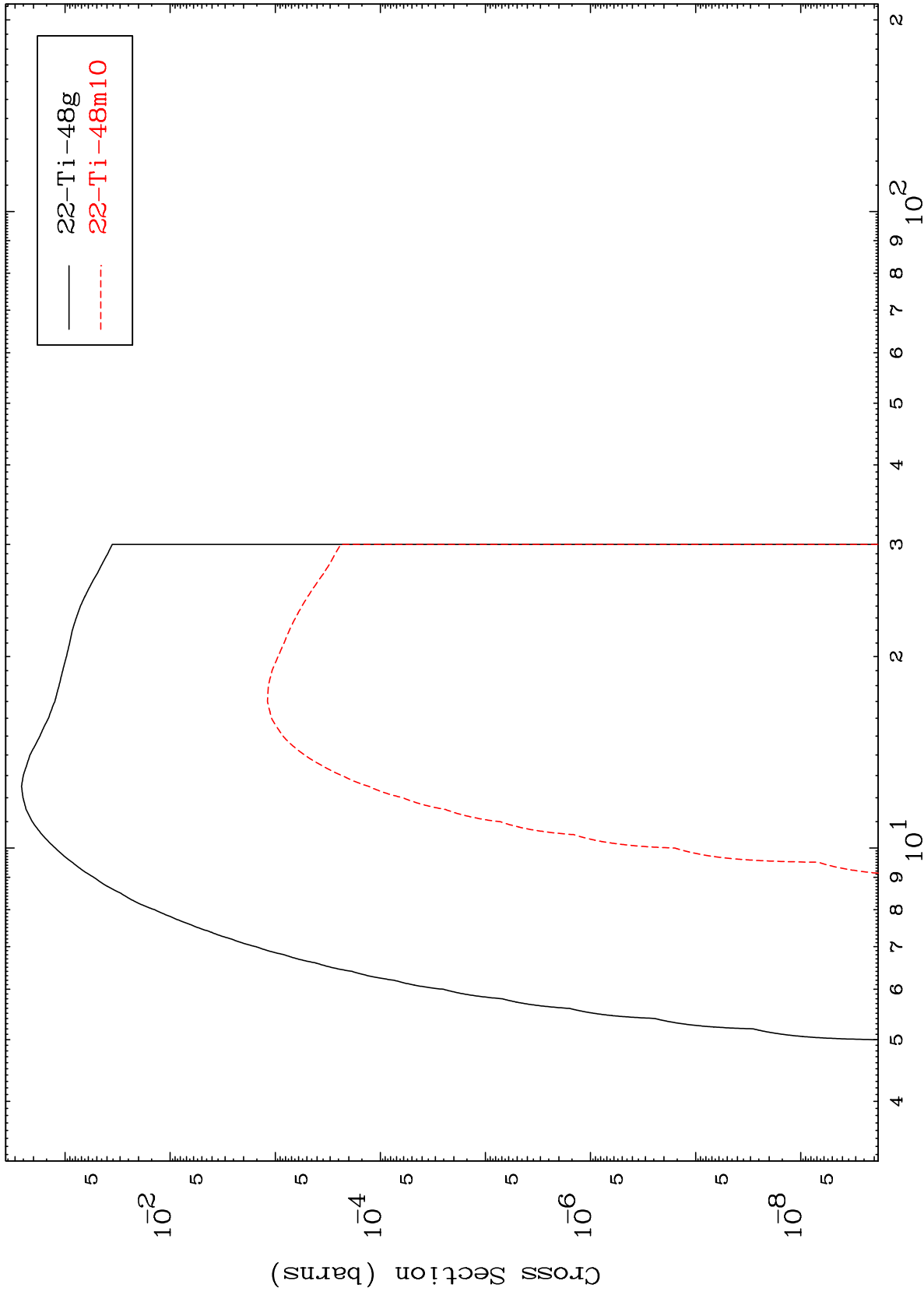
24-Cr-49

Incident Energy (MeV)

MAT 2422

24-Cr-49

(n,2p)
Radionuclide Production Cross Section



100

Incident Energy (MeV)

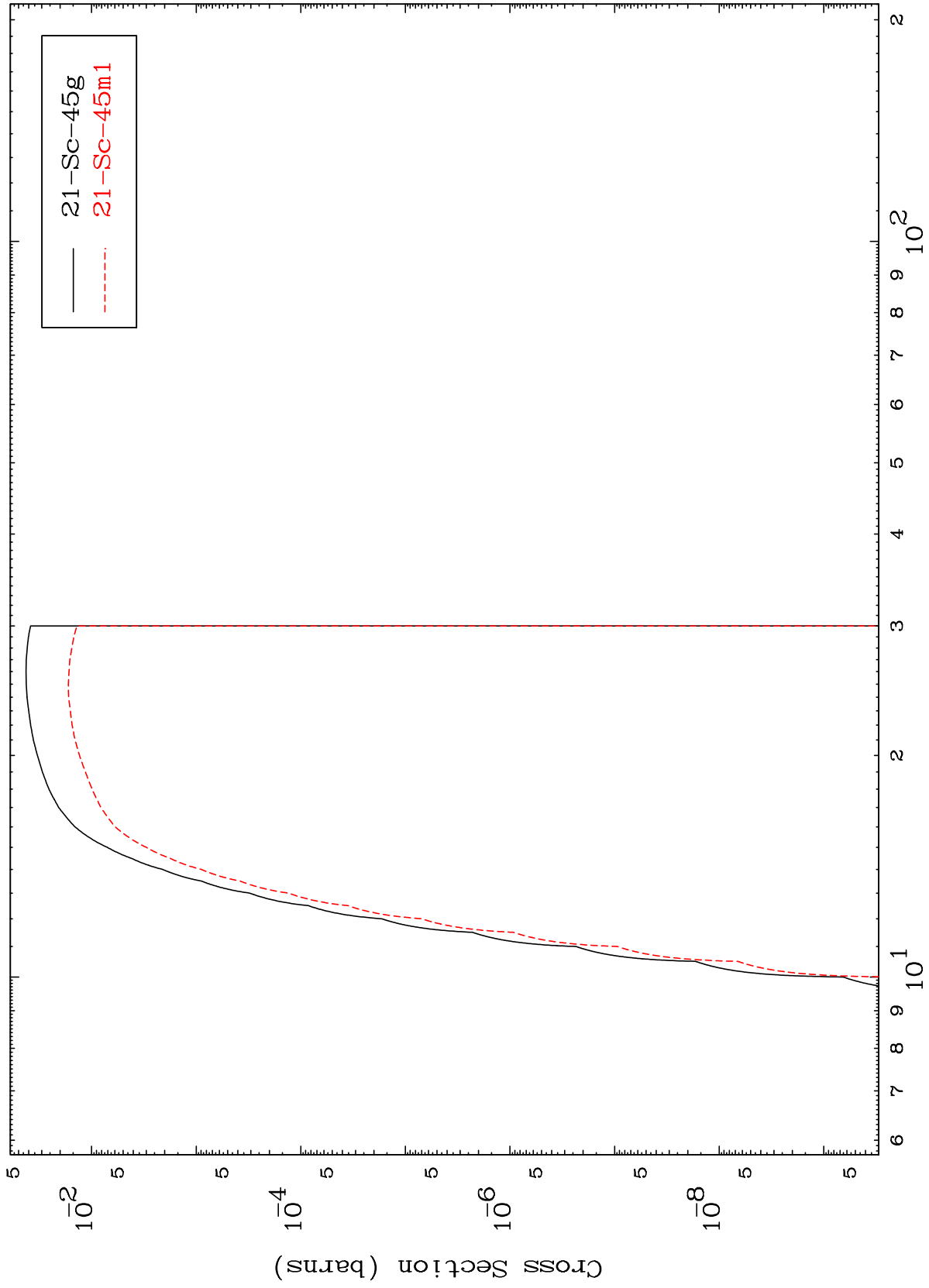
24-Cr-49

MAT 2422

(n,p) α

²⁴Cr-49

Radionuclide Production Cross Section



101

Incident Energy (MeV)

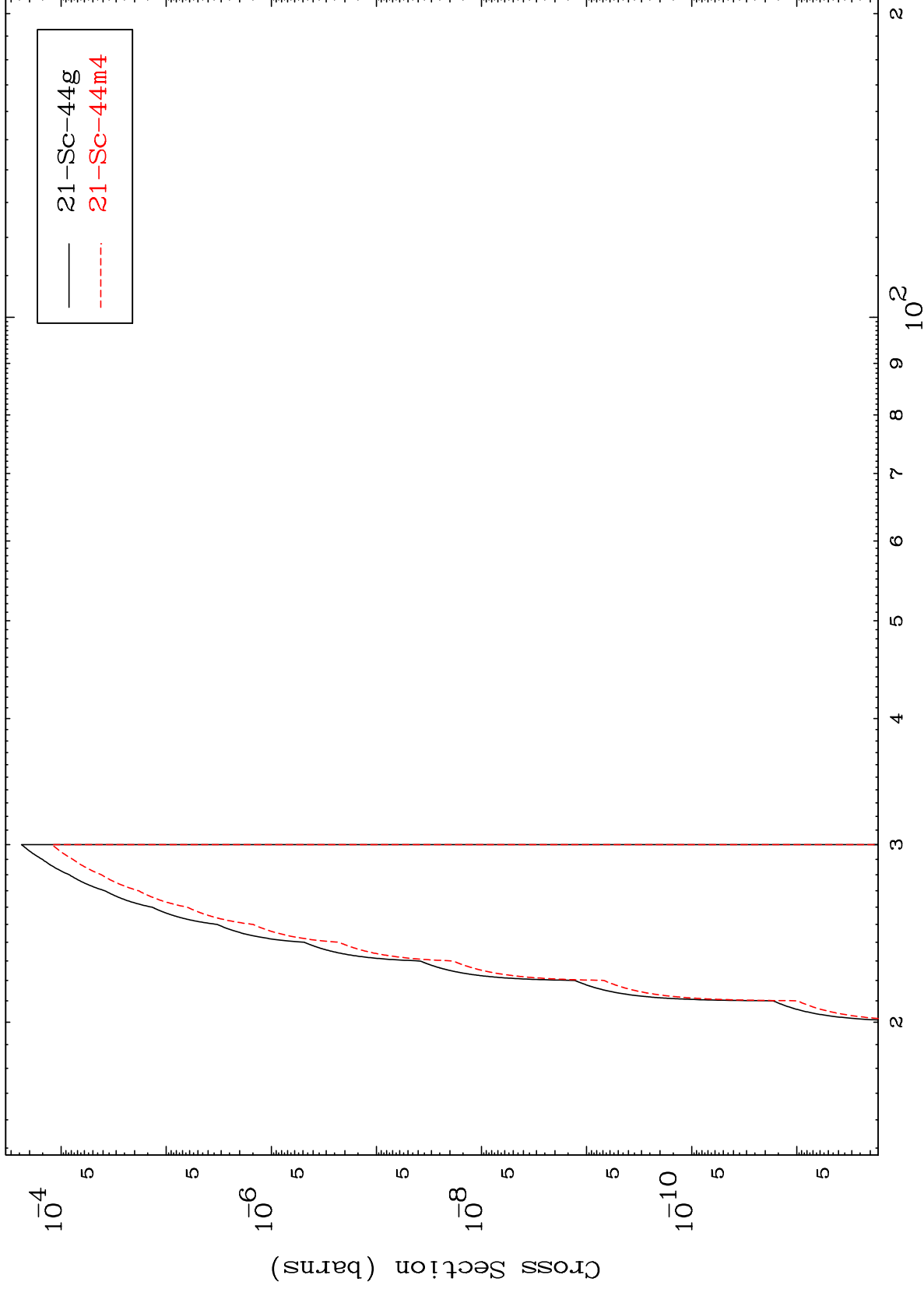
²⁴Cr-49

MAT 2422

(n,d) α

²⁴Cr-49

Radionuclide Production Cross Section



102

Incident Energy (MeV)

²⁴Cr-49