

Program EVALPLOT
(Version 2017-1)

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

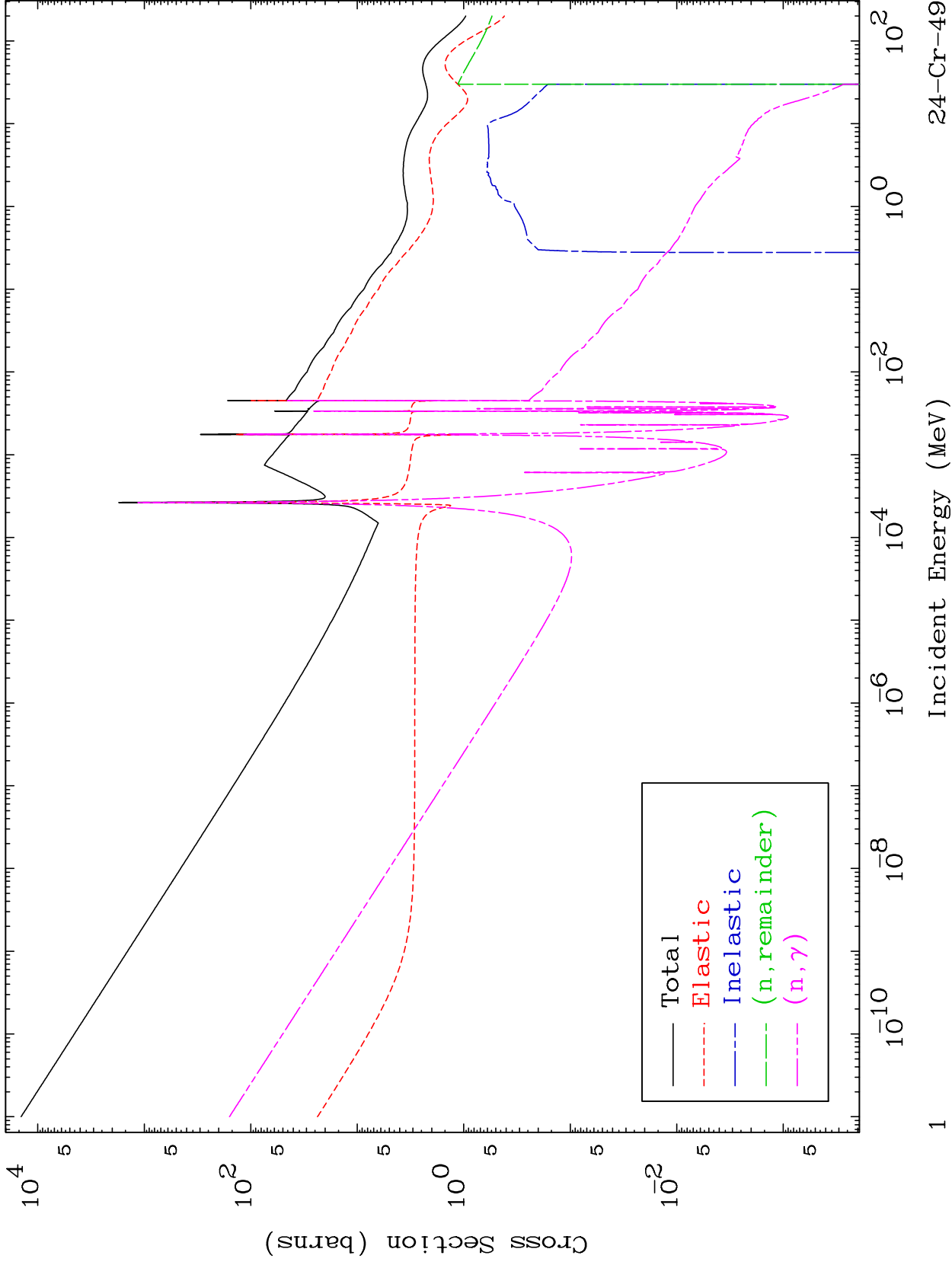
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2422

Major
293 Kelvin Cross Sections

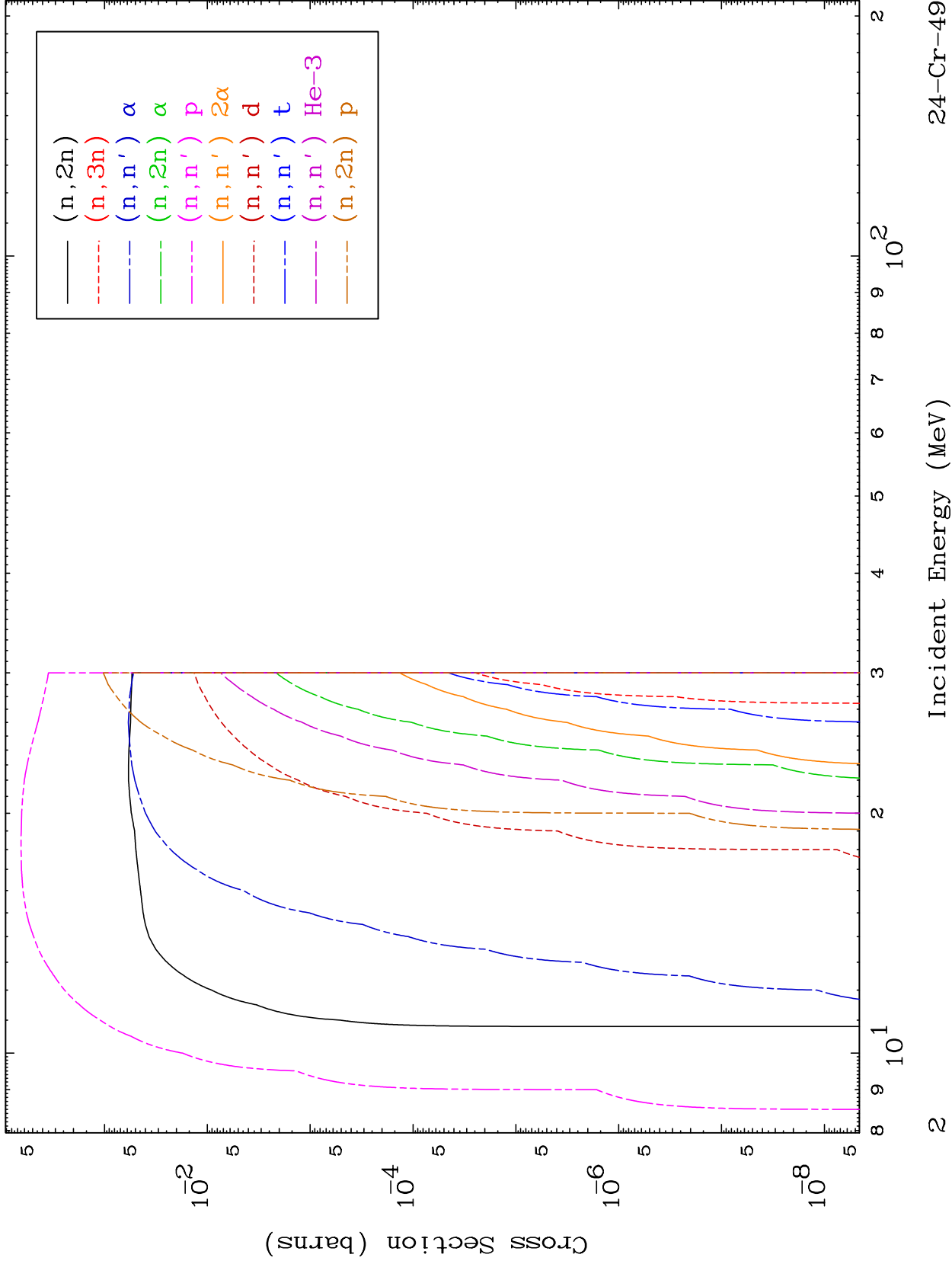
24-Cr-49



MAT 2422

Neutron Production
293 Kelvin Cross Sections

24-Cr-49

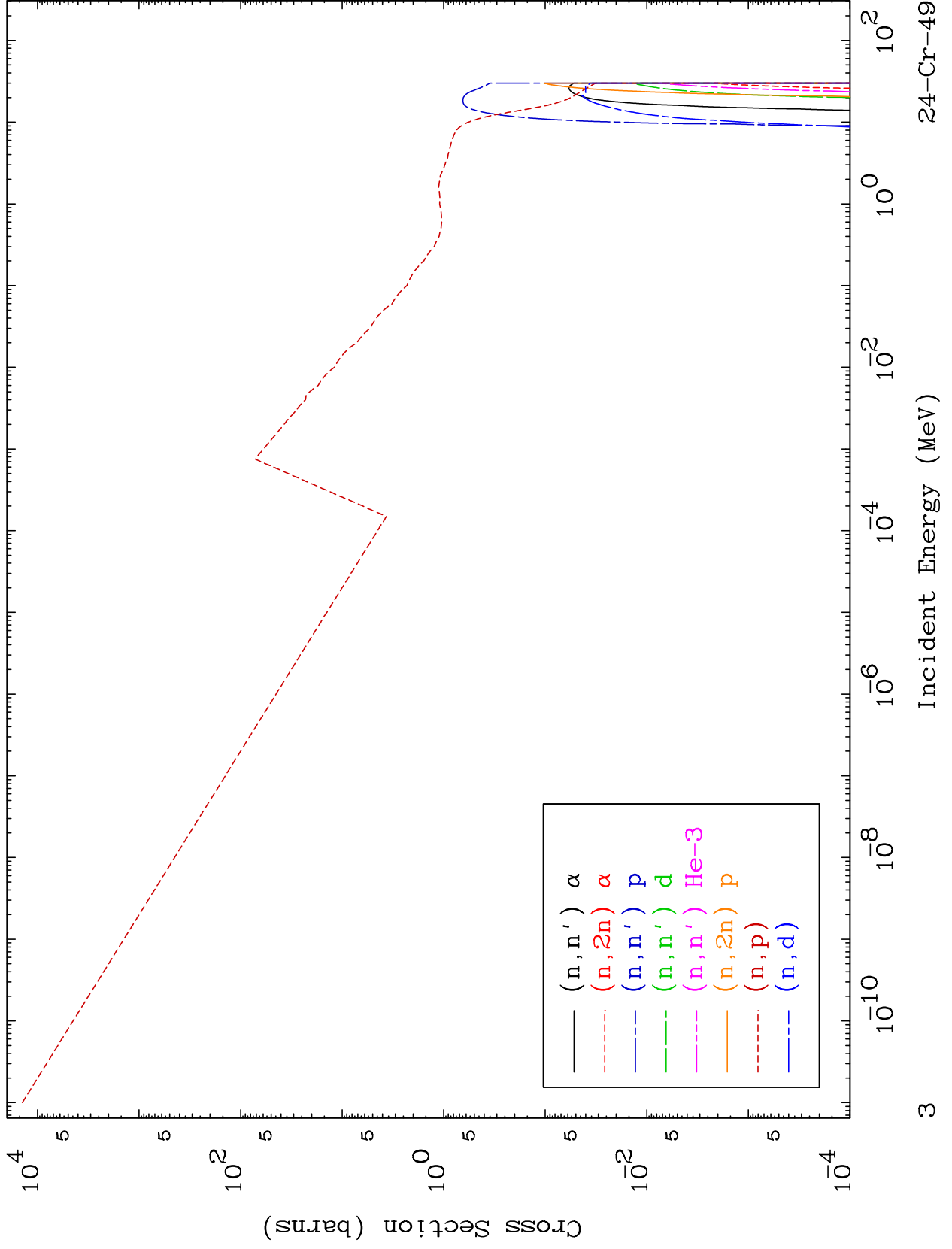


24-Cr-49

MAT 2422

Charged Particle
293 Kelvin Cross Sections

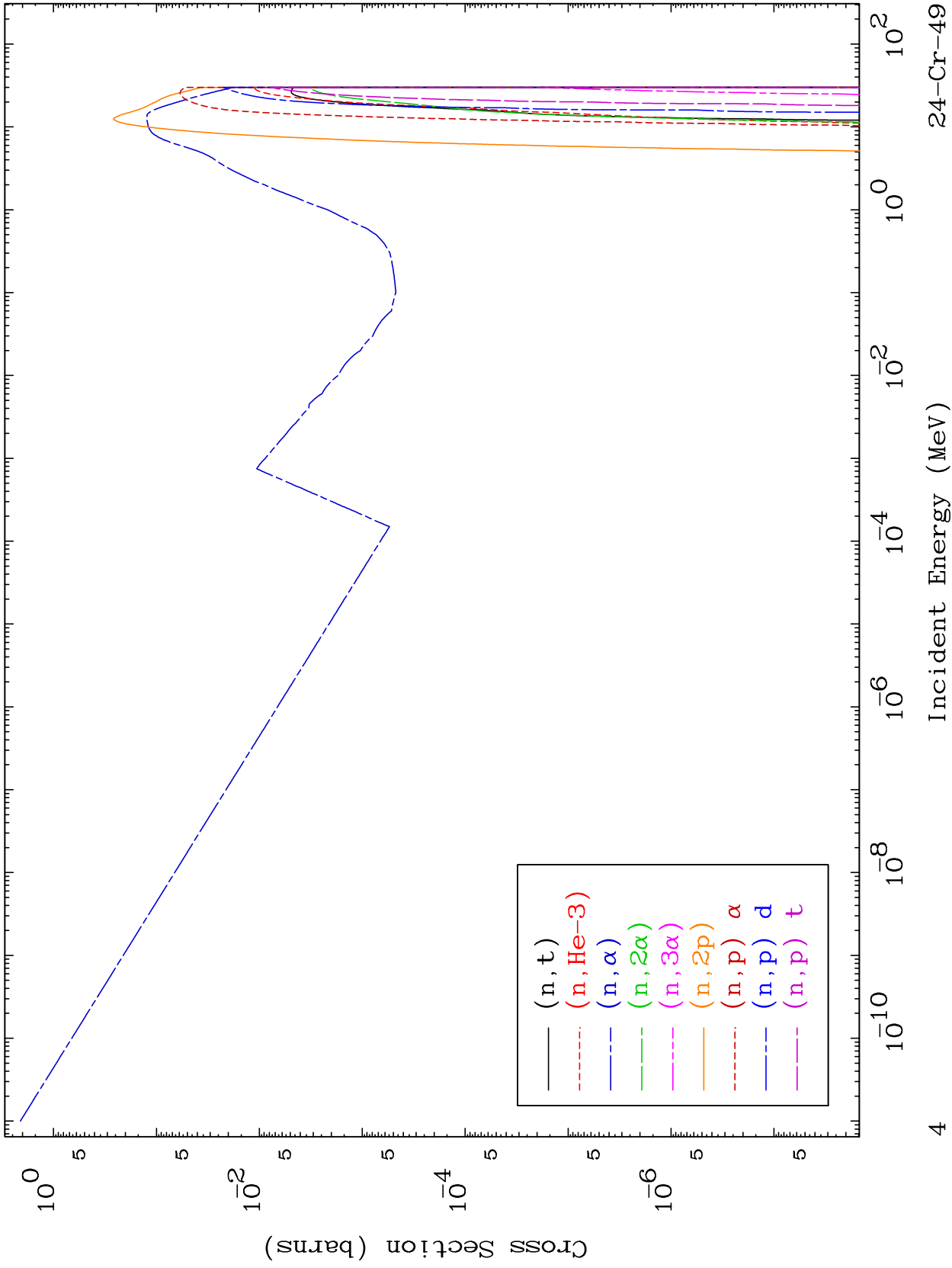
24-Cr-49

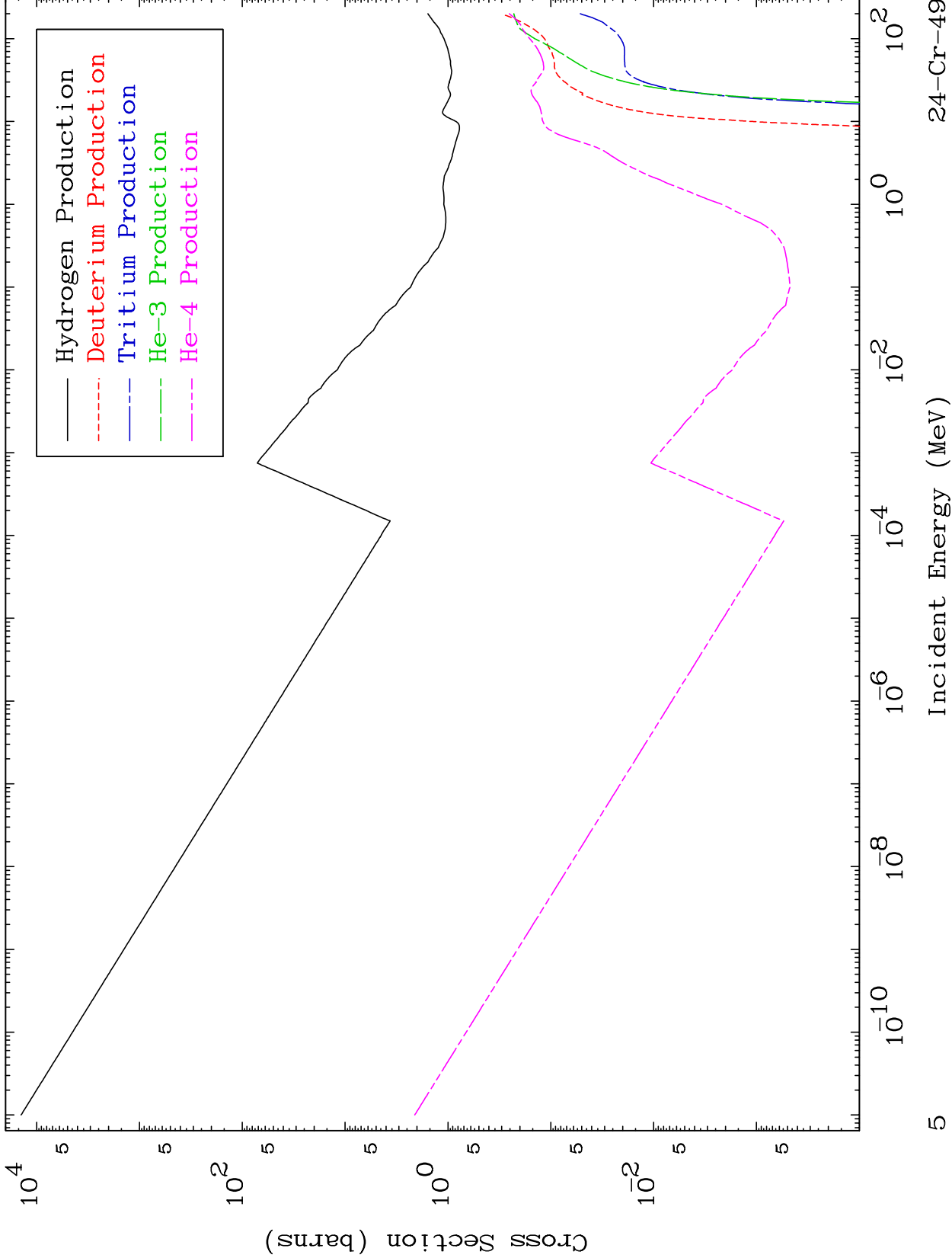


MAT 2422

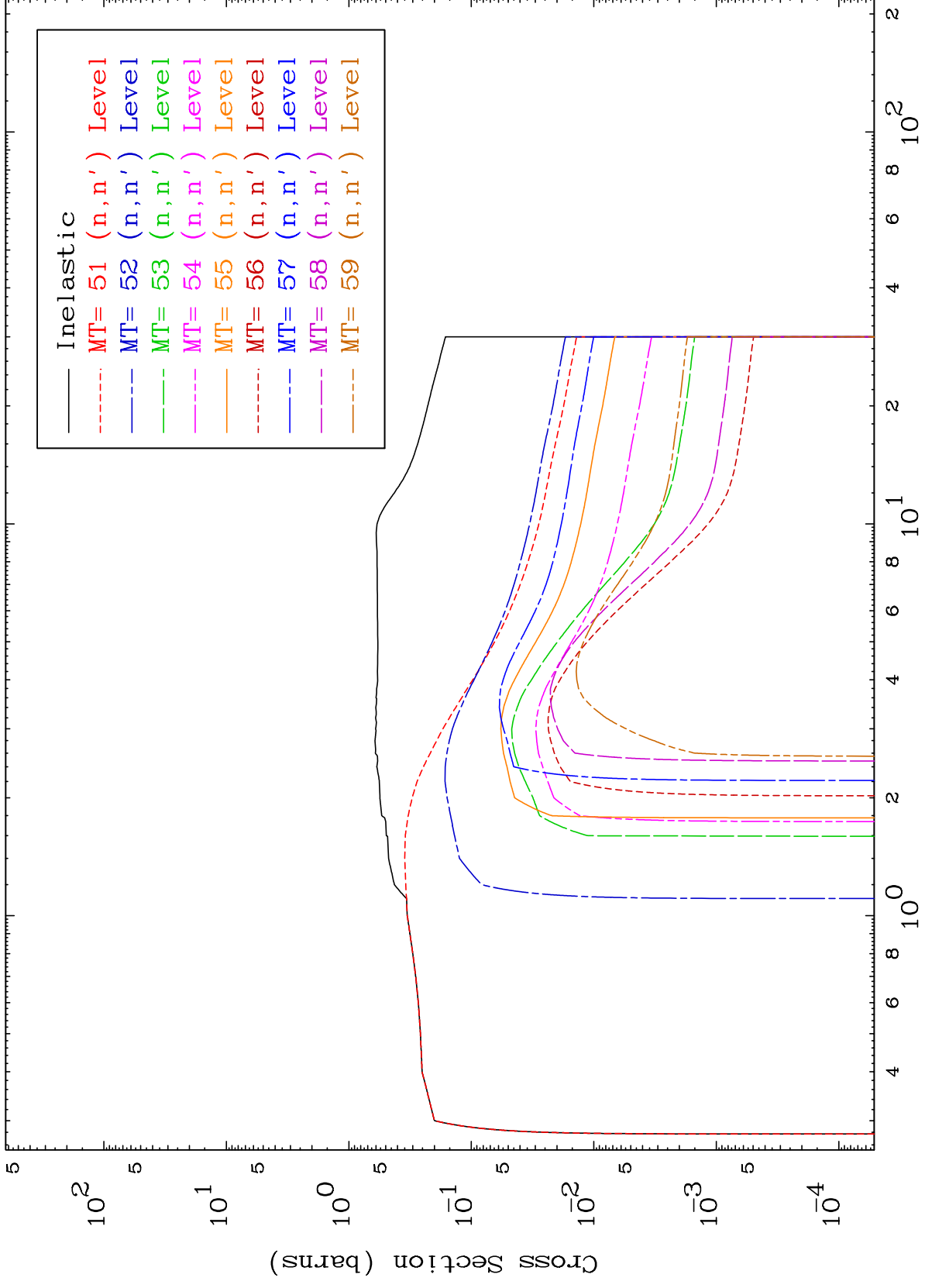
Charged Particle
293 Kelvin Cross Sections

24-Cr-49





293 Kelvin Cross Sections

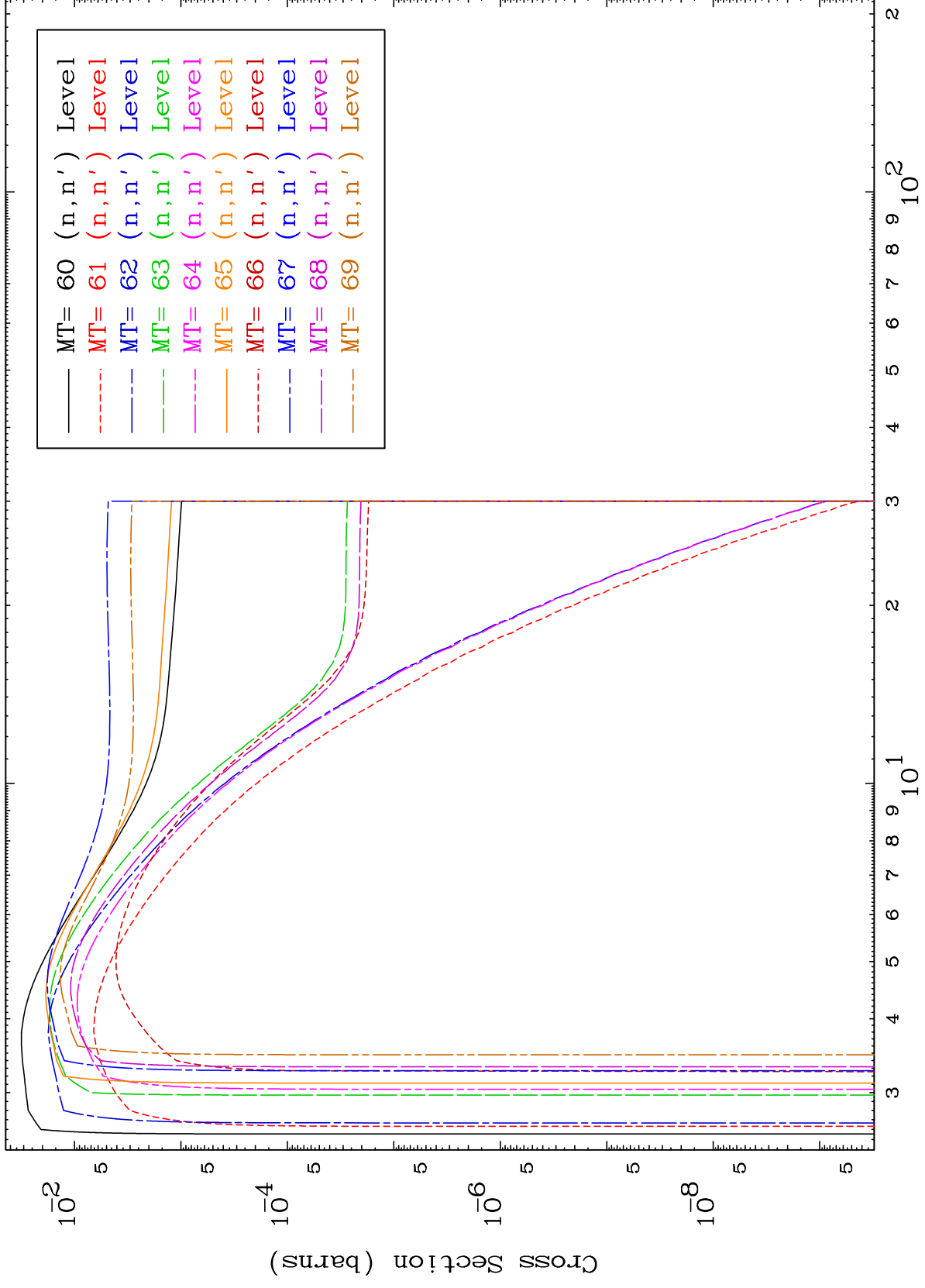


MAT 2422

(n,n') Level

24-Cr-49

293 Kelvin Cross Sections

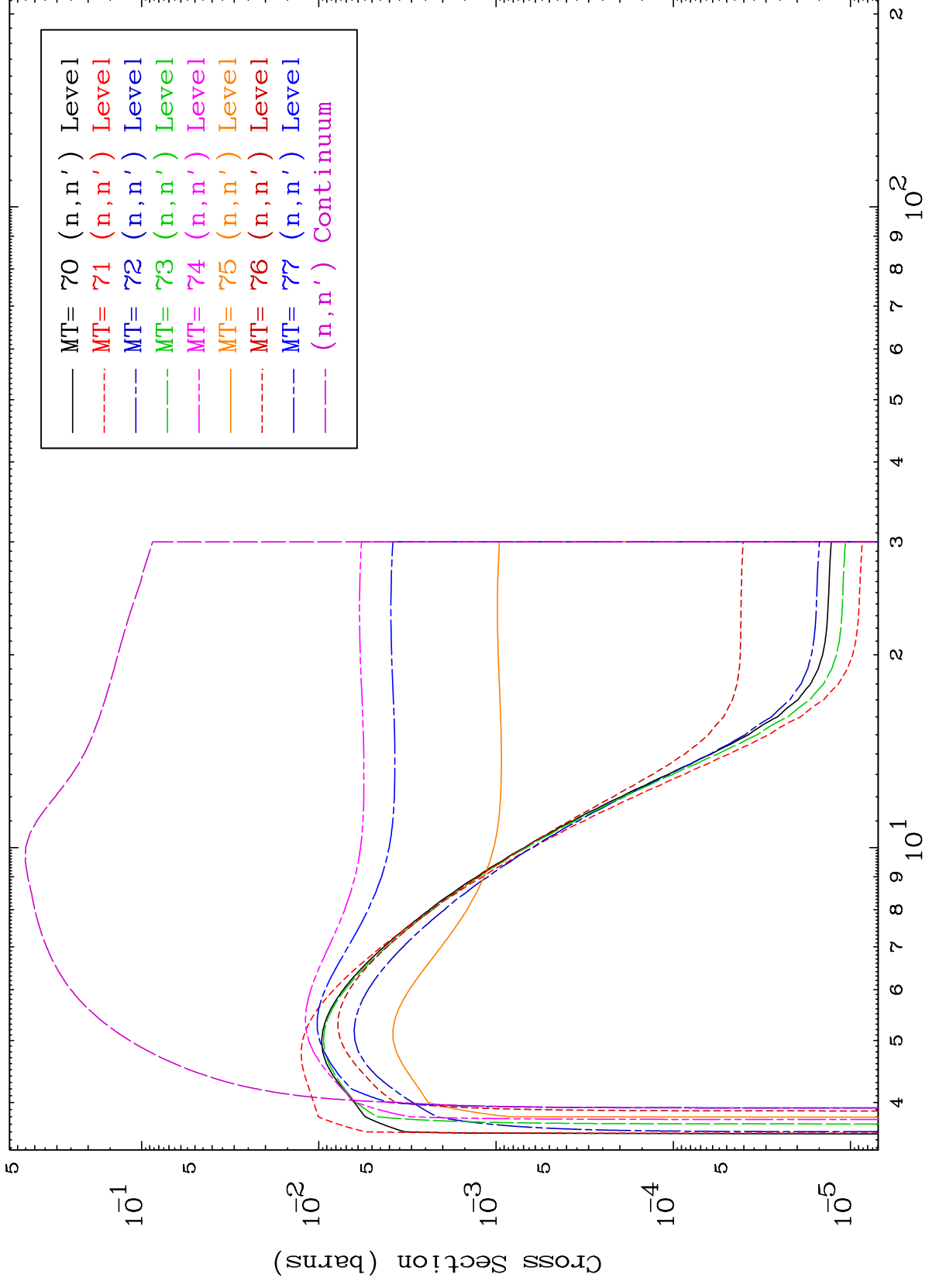


MAT 2422

(n,n') Level

24-Cr-49

293 Kelvin Cross Sections



8

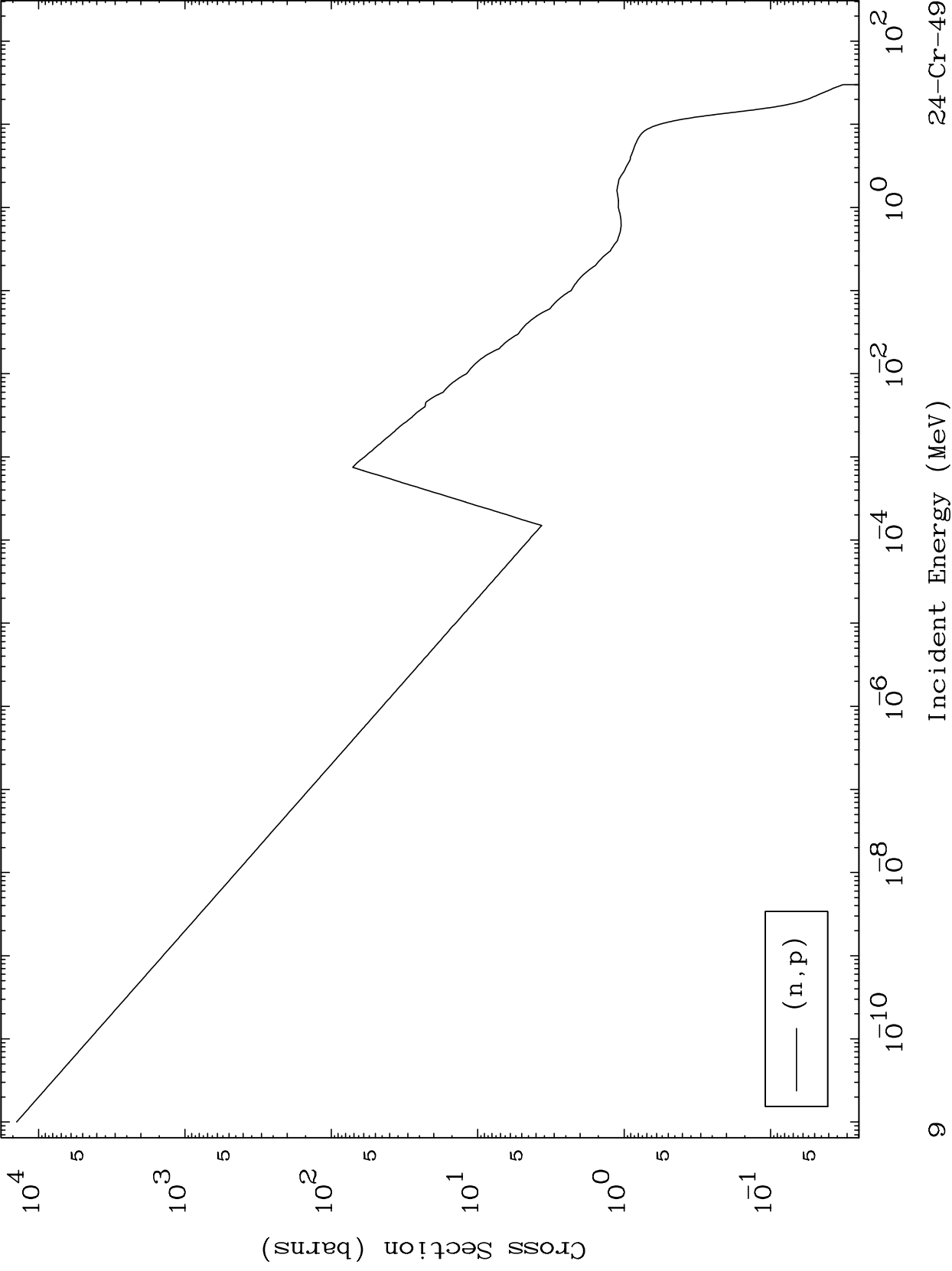
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,p) Levels
293 Kelvin Cross Sections

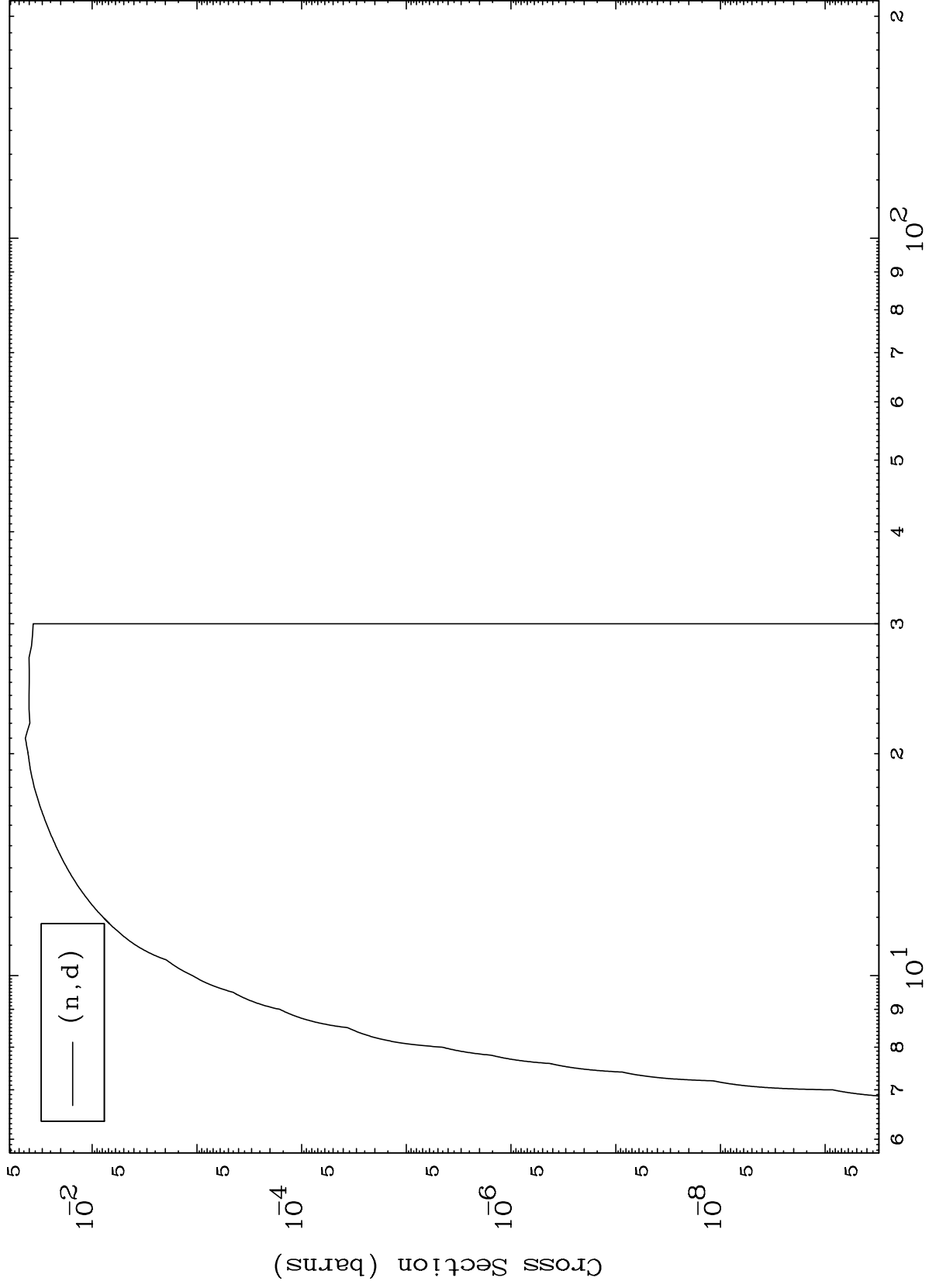
24-Cr-49



MAT 2422

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-49



10

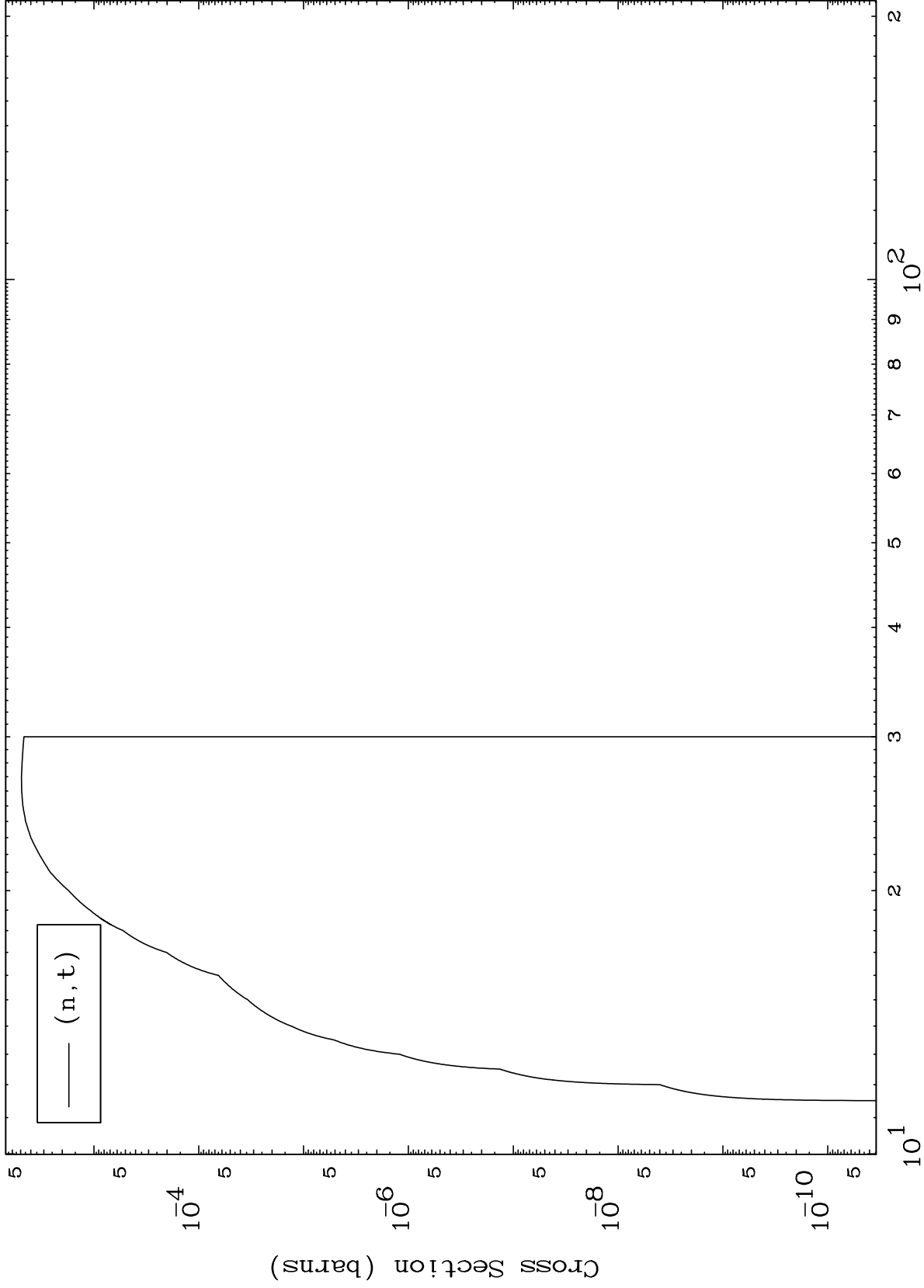
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-49



11

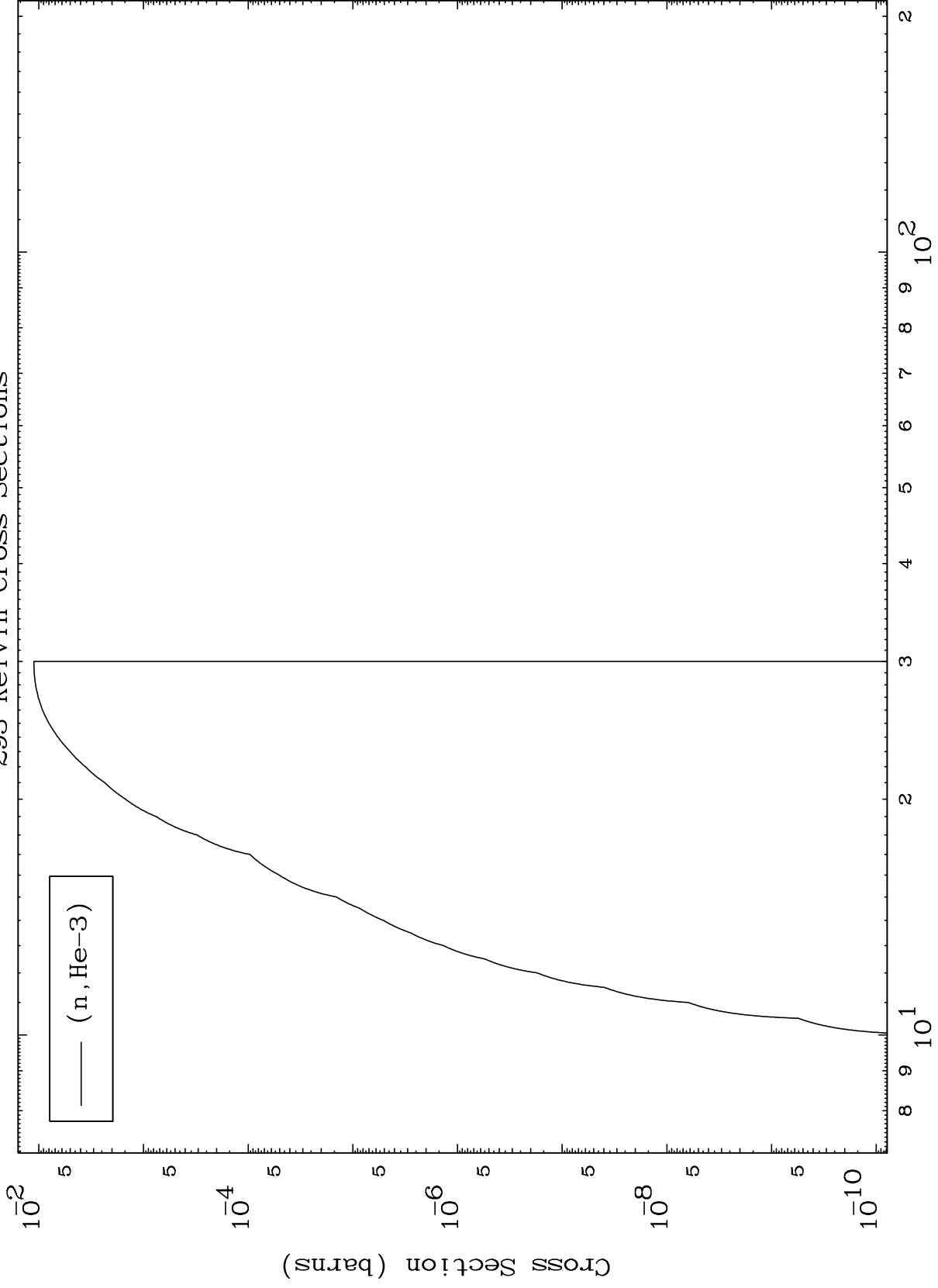
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-49



12

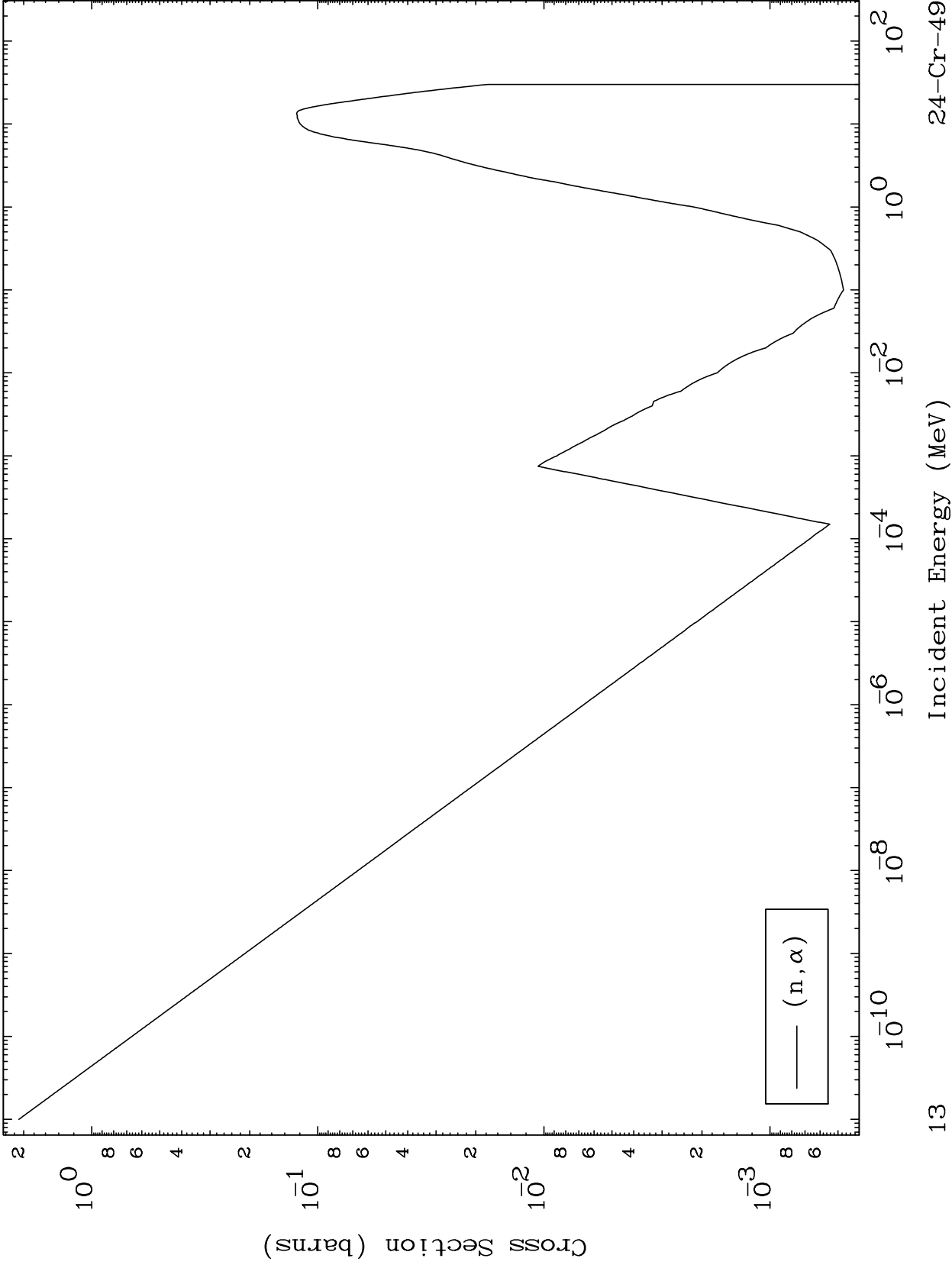
Incident Energy (MeV)

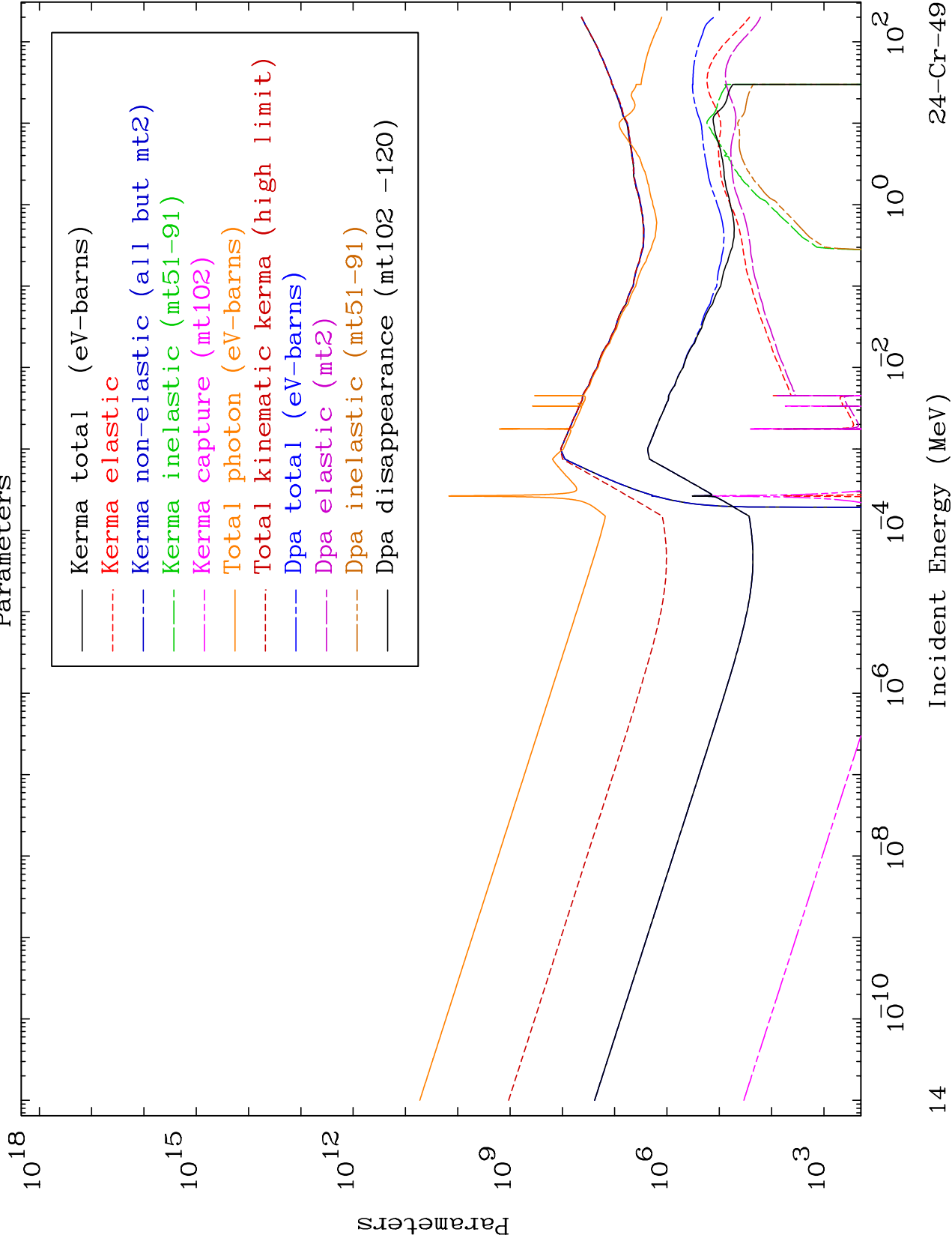
24-Cr-49

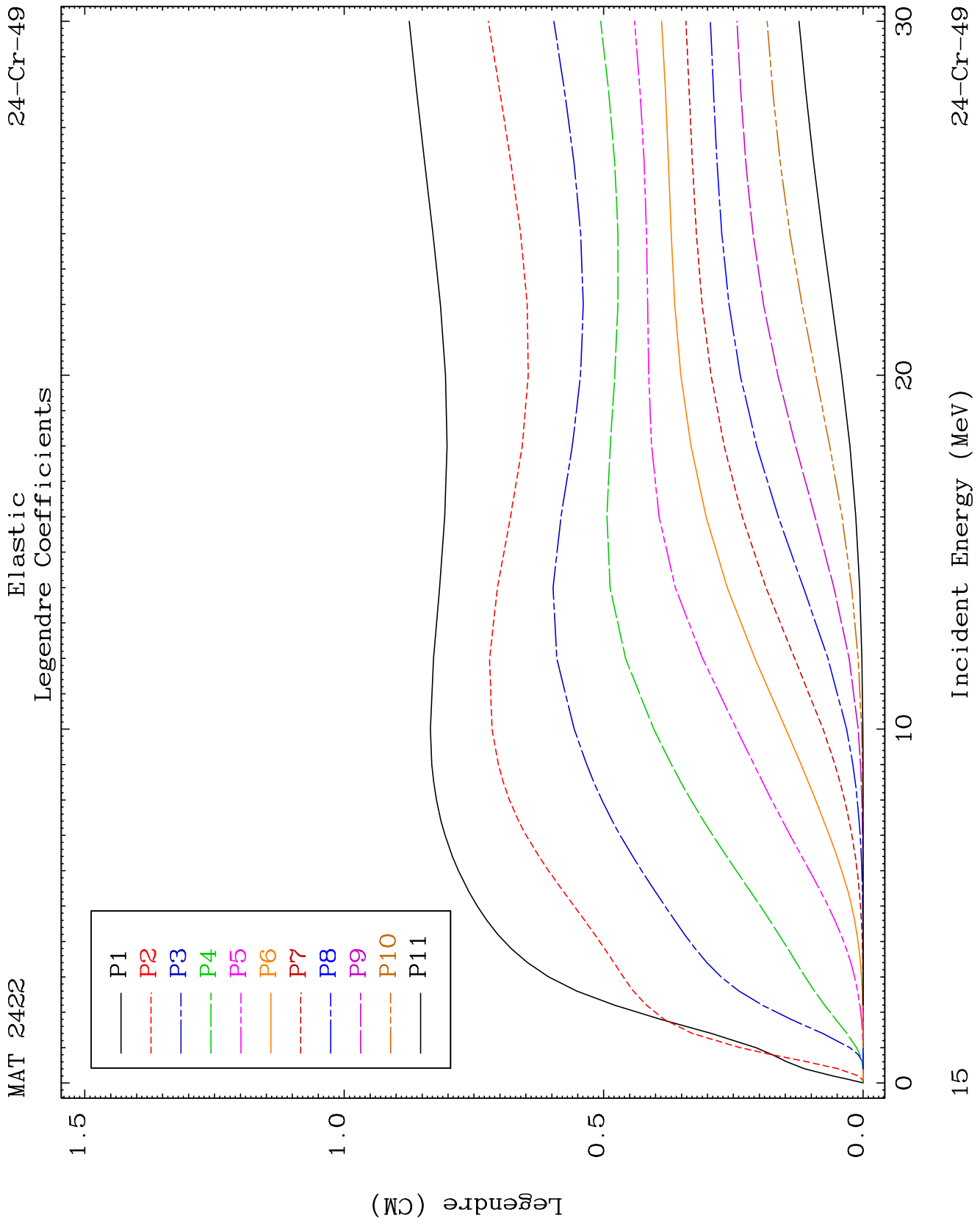
MAT 2422

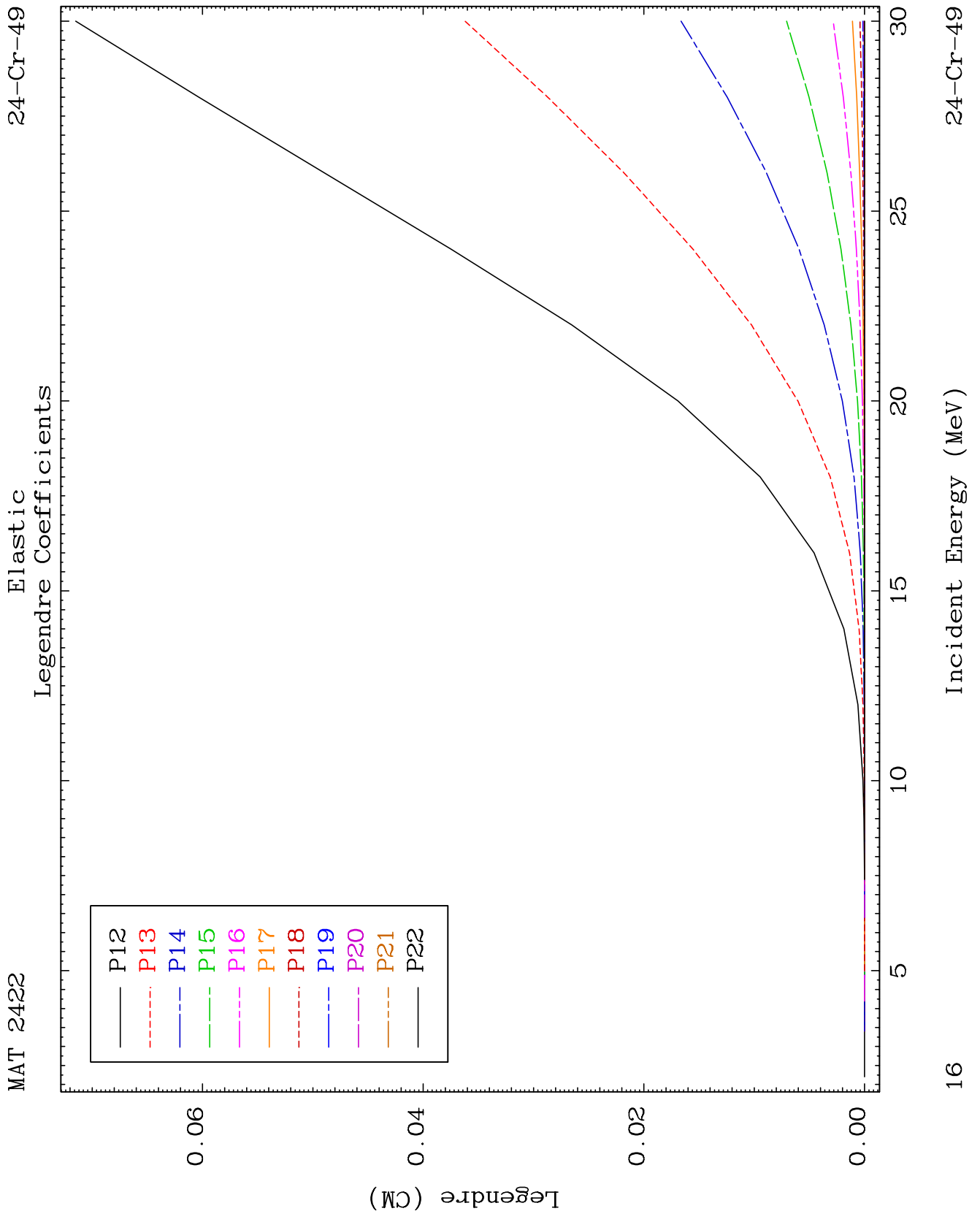
(n, α) Levels
293 Kelvin Cross Sections

24-Cr-49





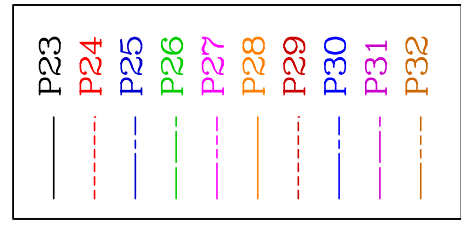




MAT 2422

Elastic Legendre Coefficients

24-Cr-49



17

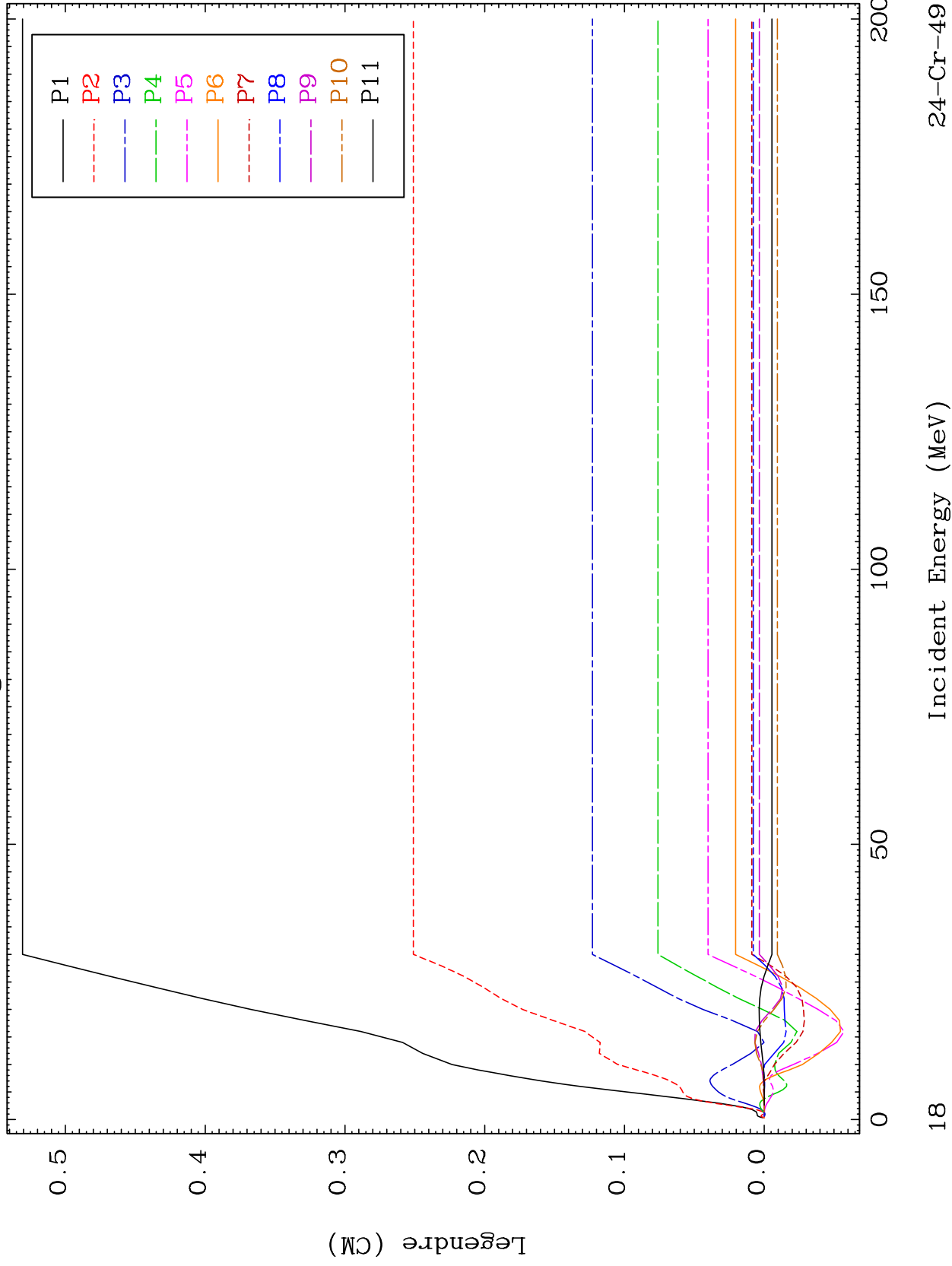
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

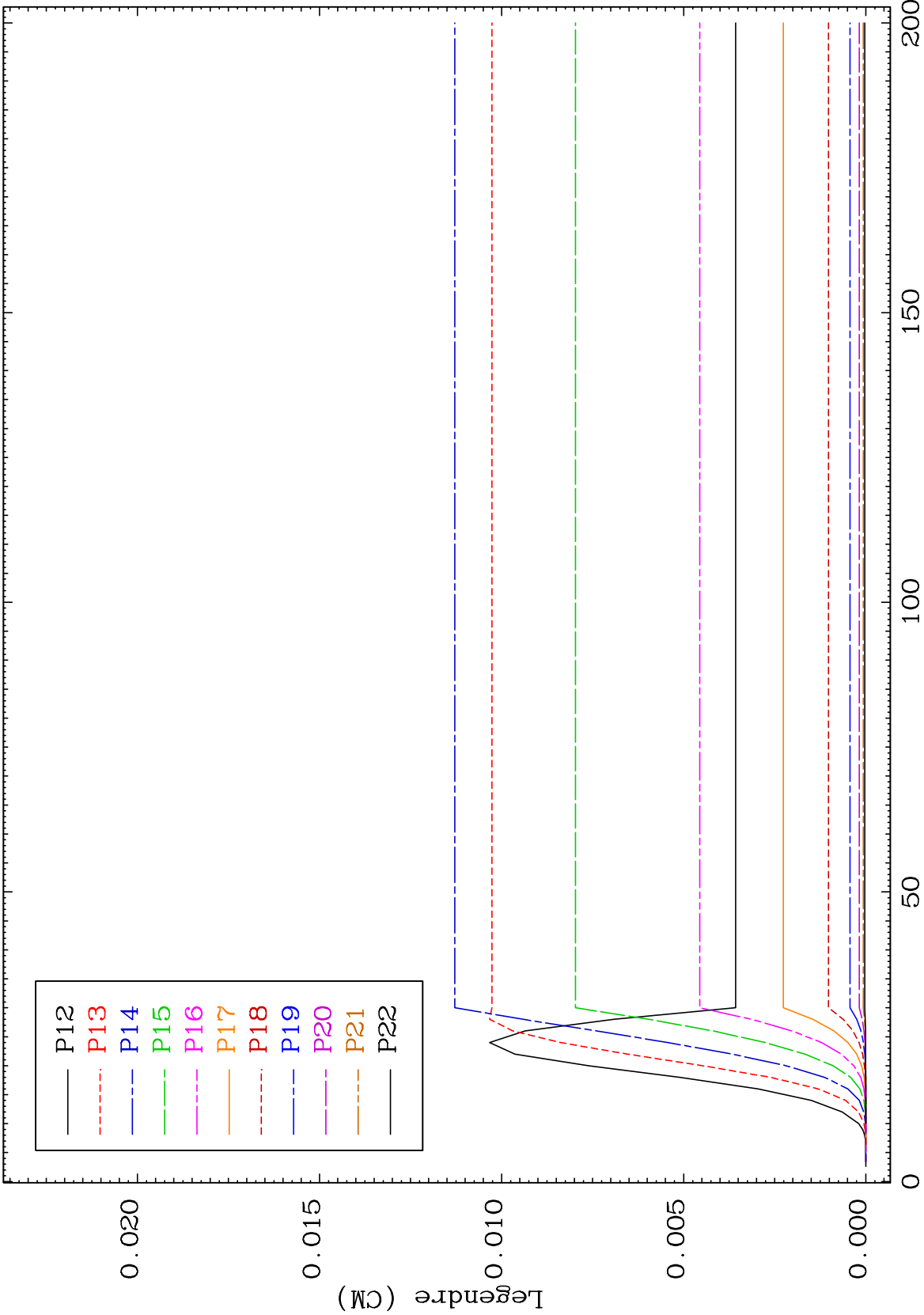
24-Cr-49



MAT 2422

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

24-Cr-49



19

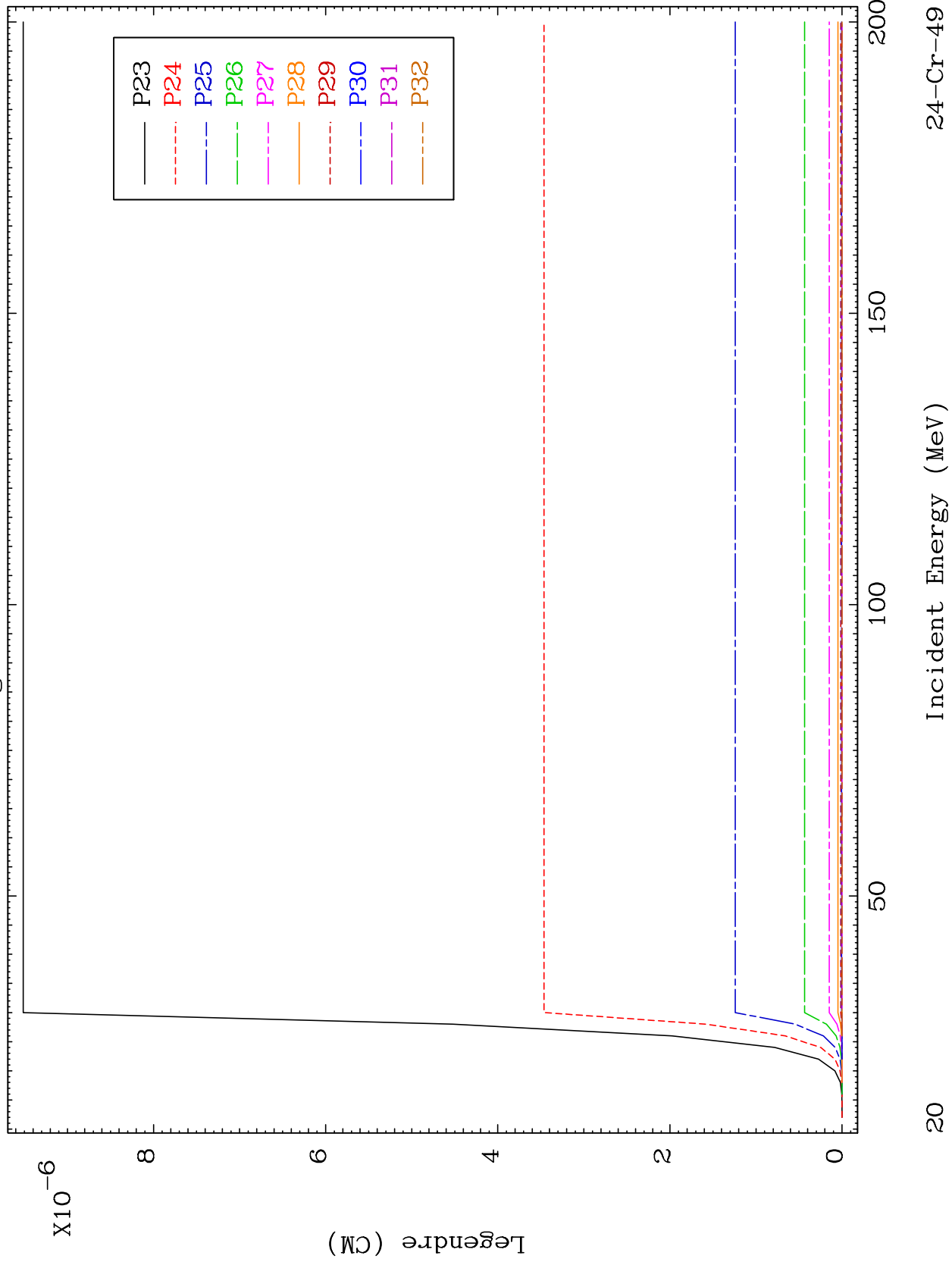
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

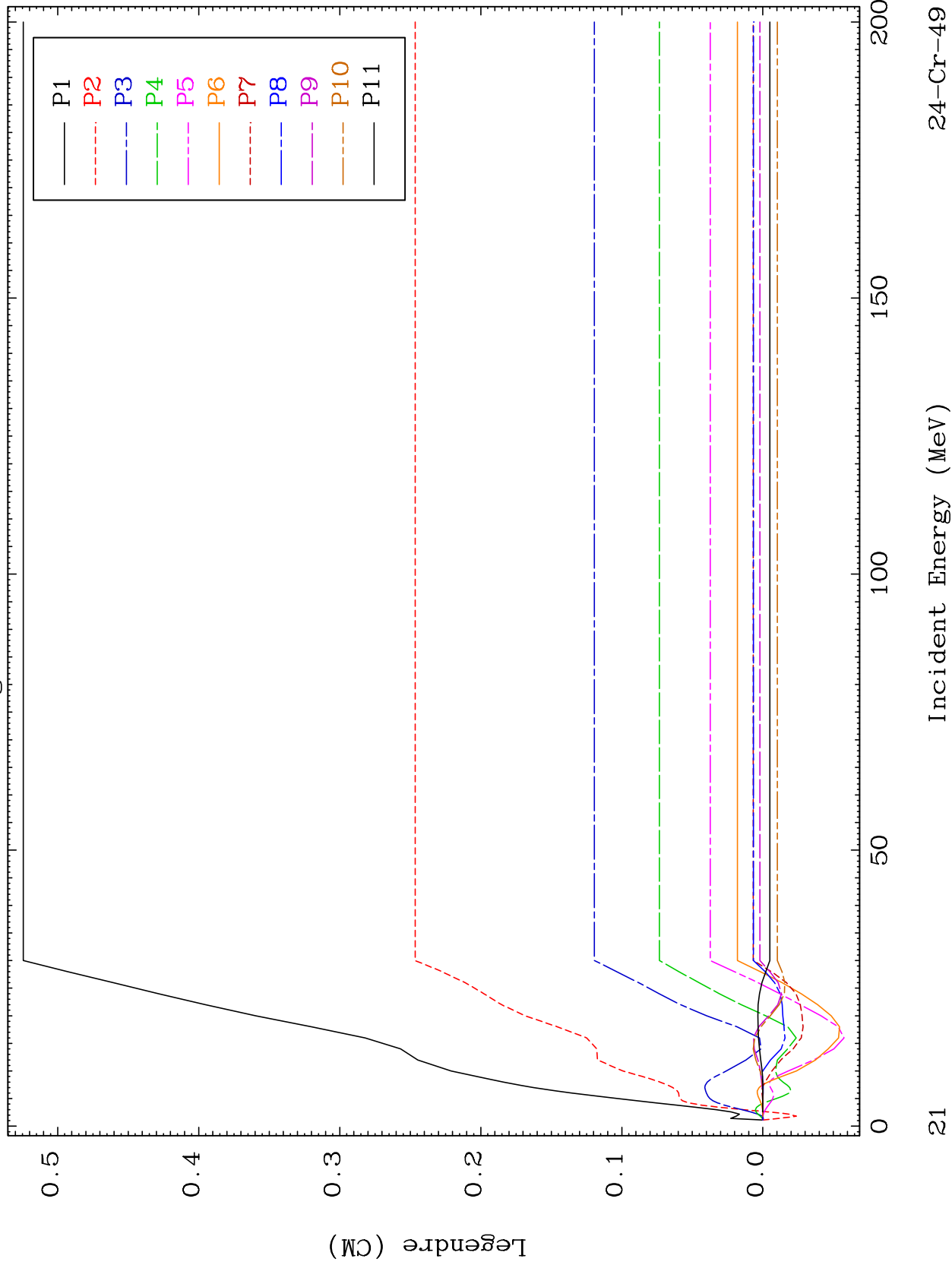
24-Cr-49



MAT 2422

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

24-Cr-49

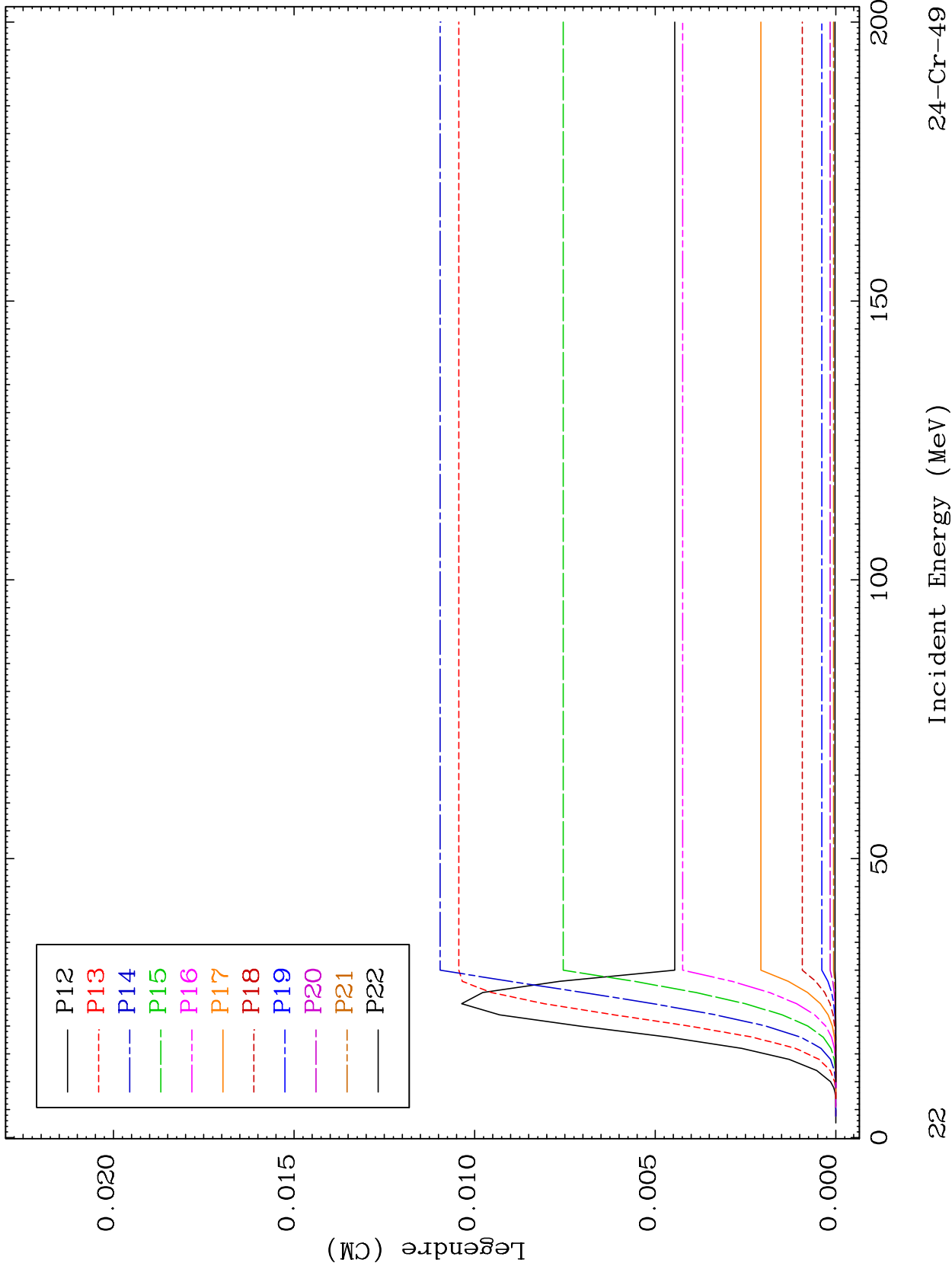


21

MAT 2422

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

24-Cr-49



22

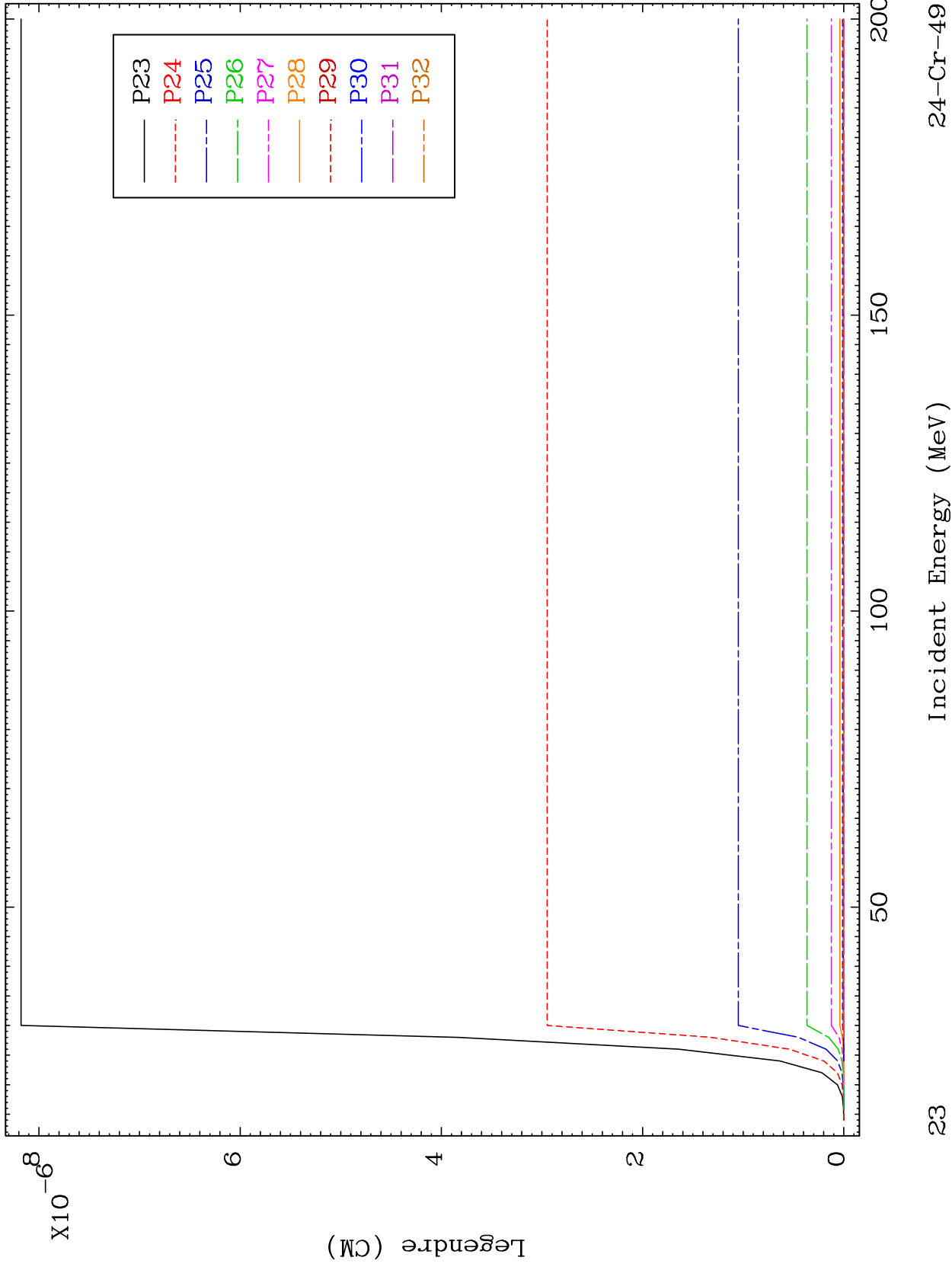
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



23

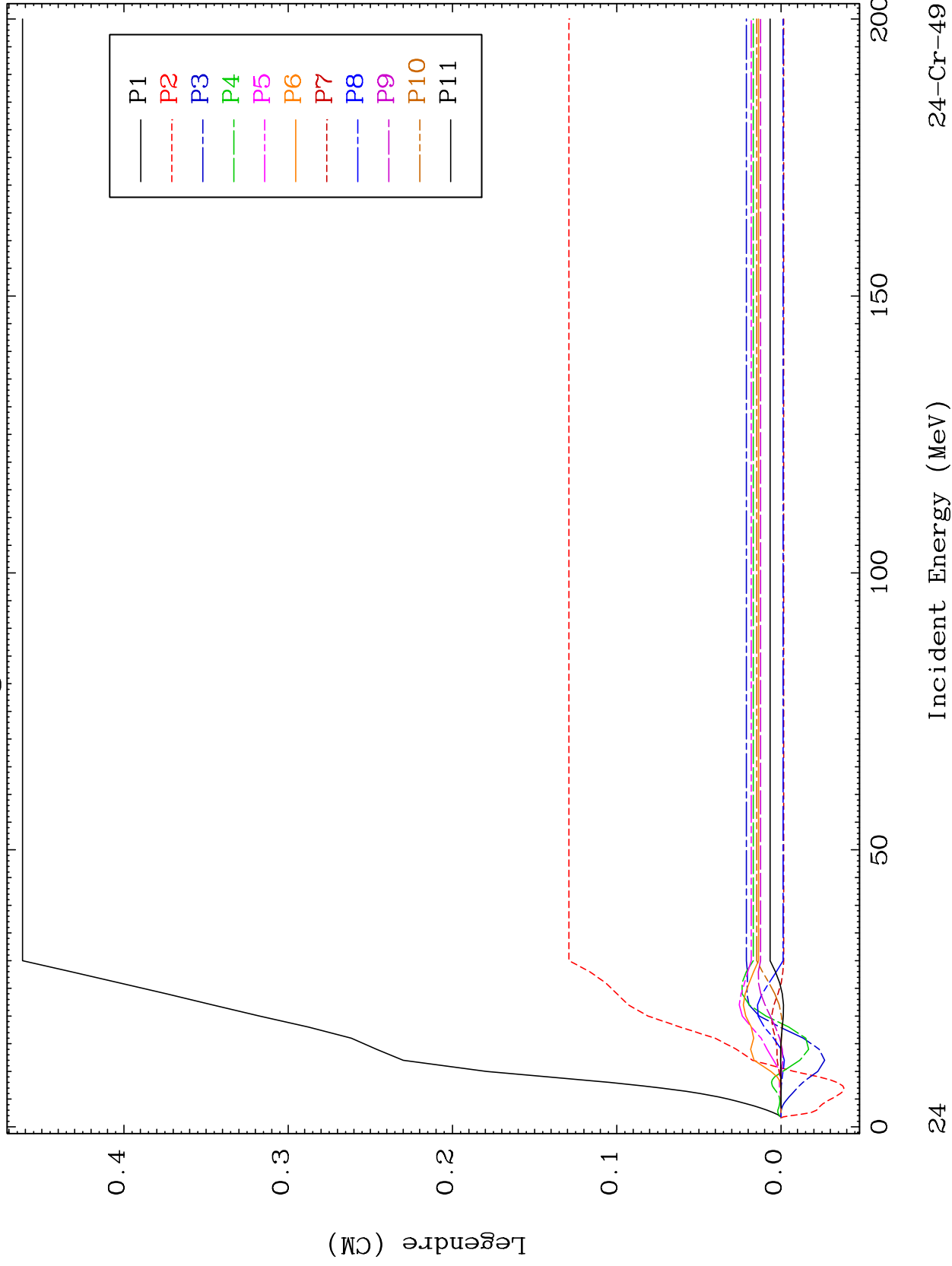
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49

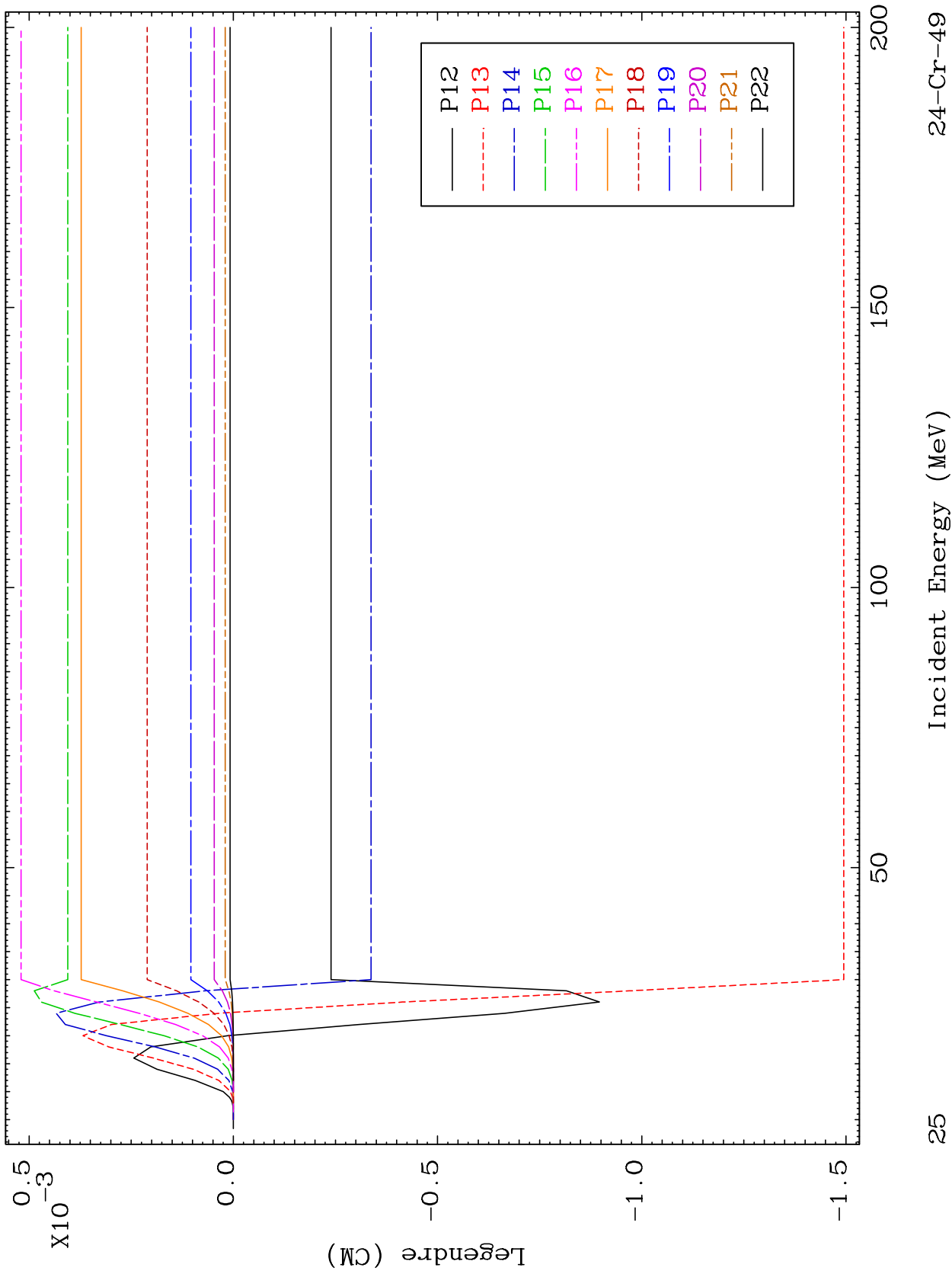


24

MAT 2422

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

24-Cr-49



25

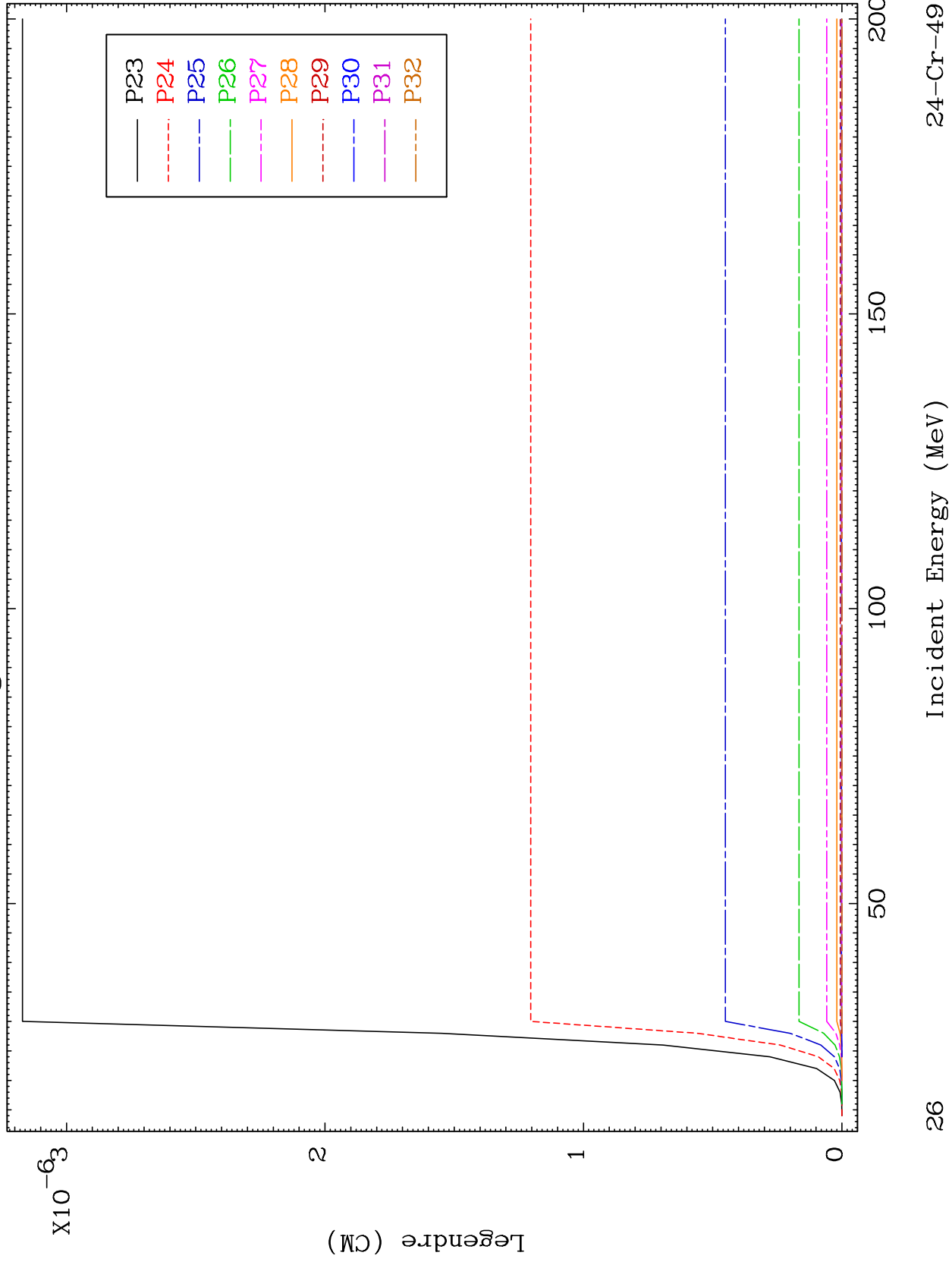
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

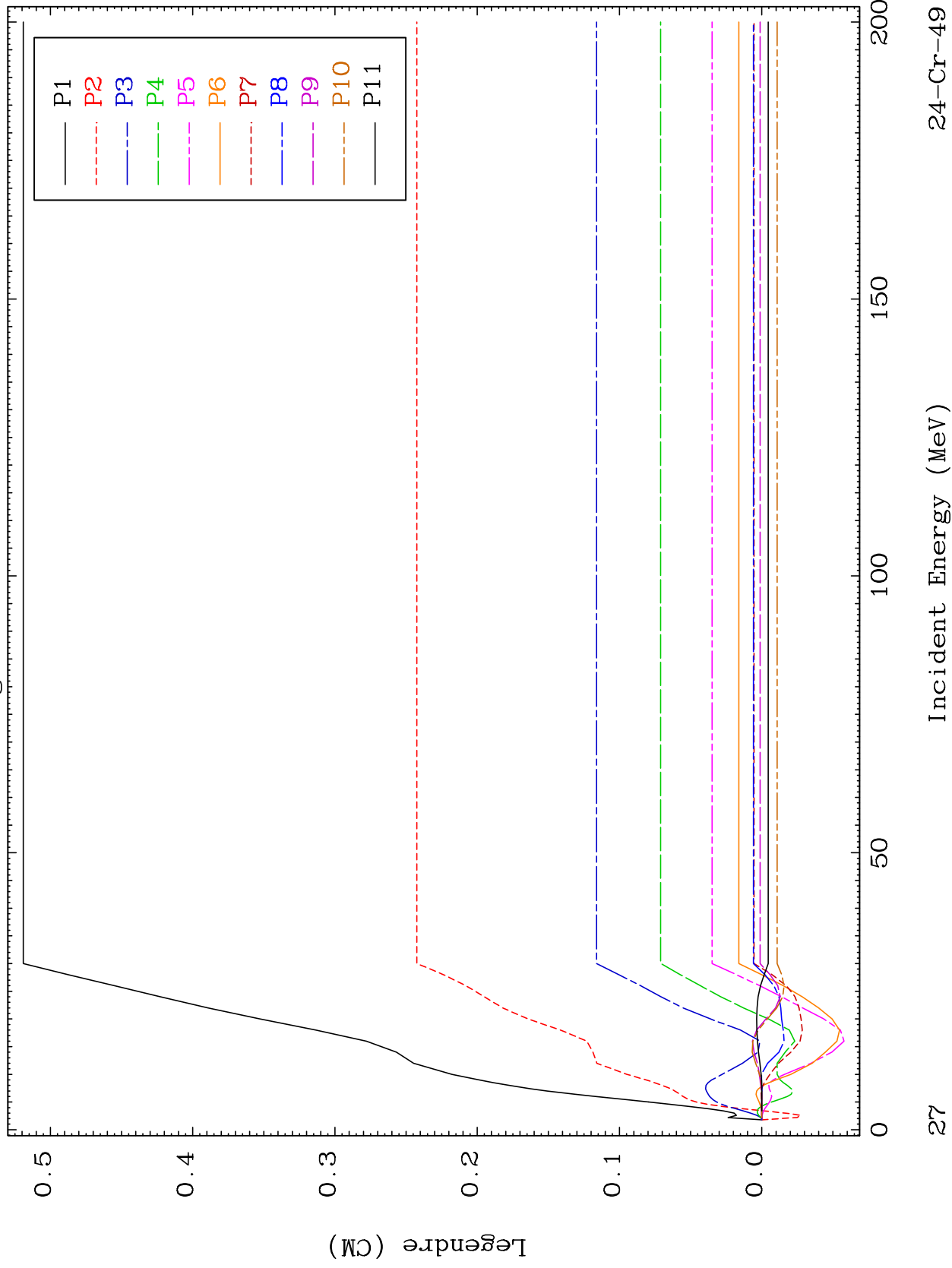
24-Cr-49



MAT 2422

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

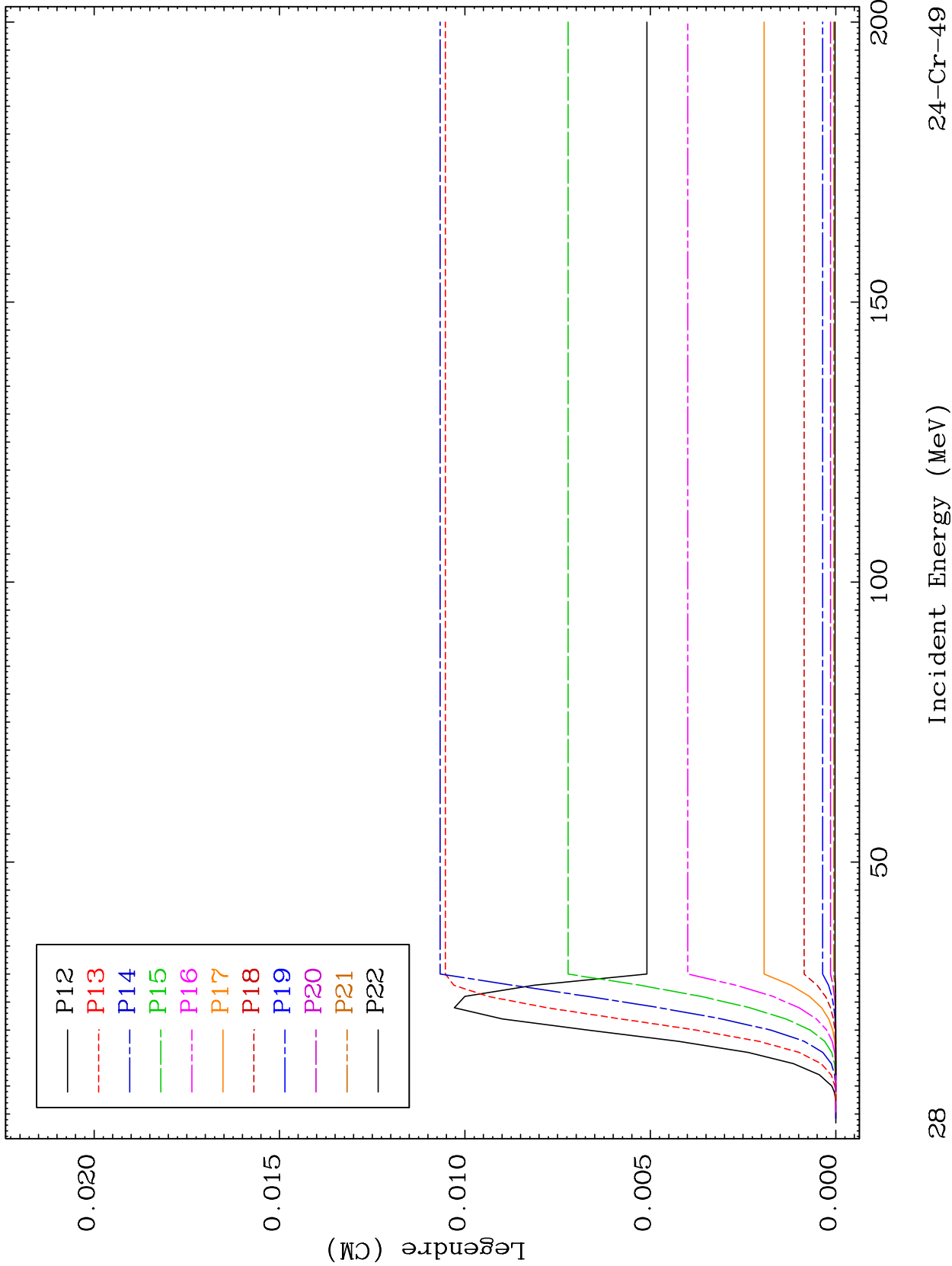
24-Cr-49



MAT 2422

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

24-Cr-49



28

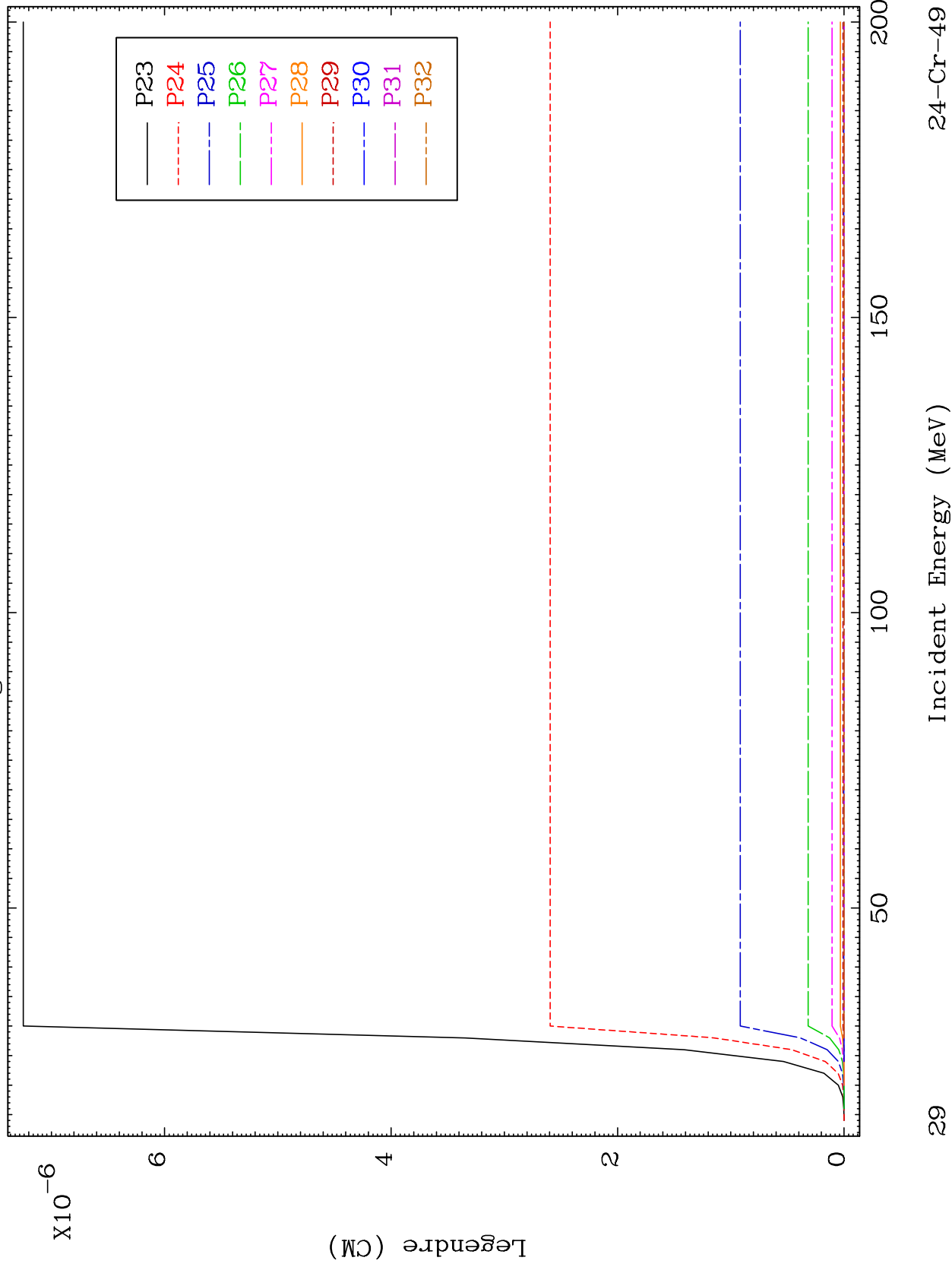
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

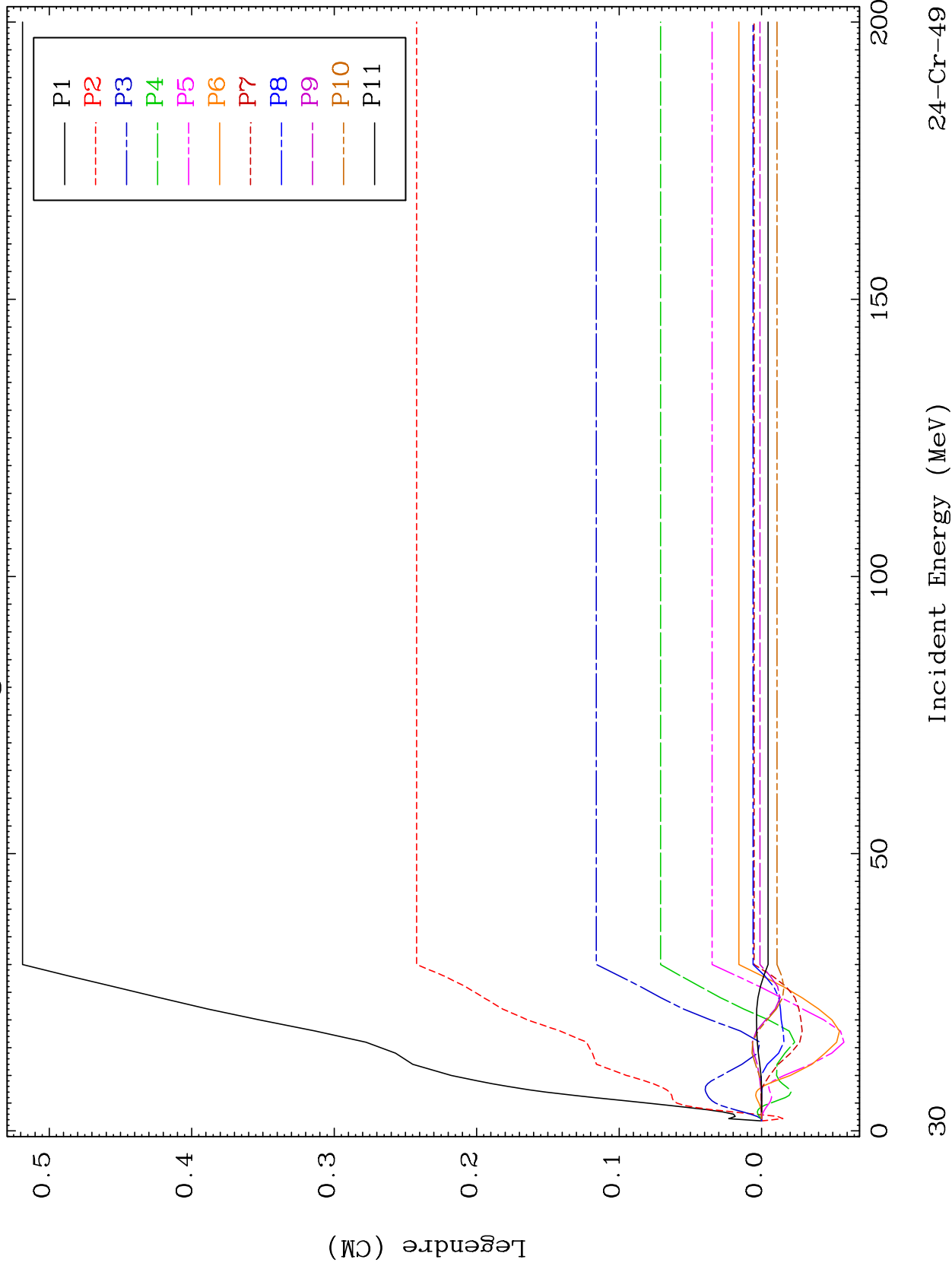
24-Cr-49

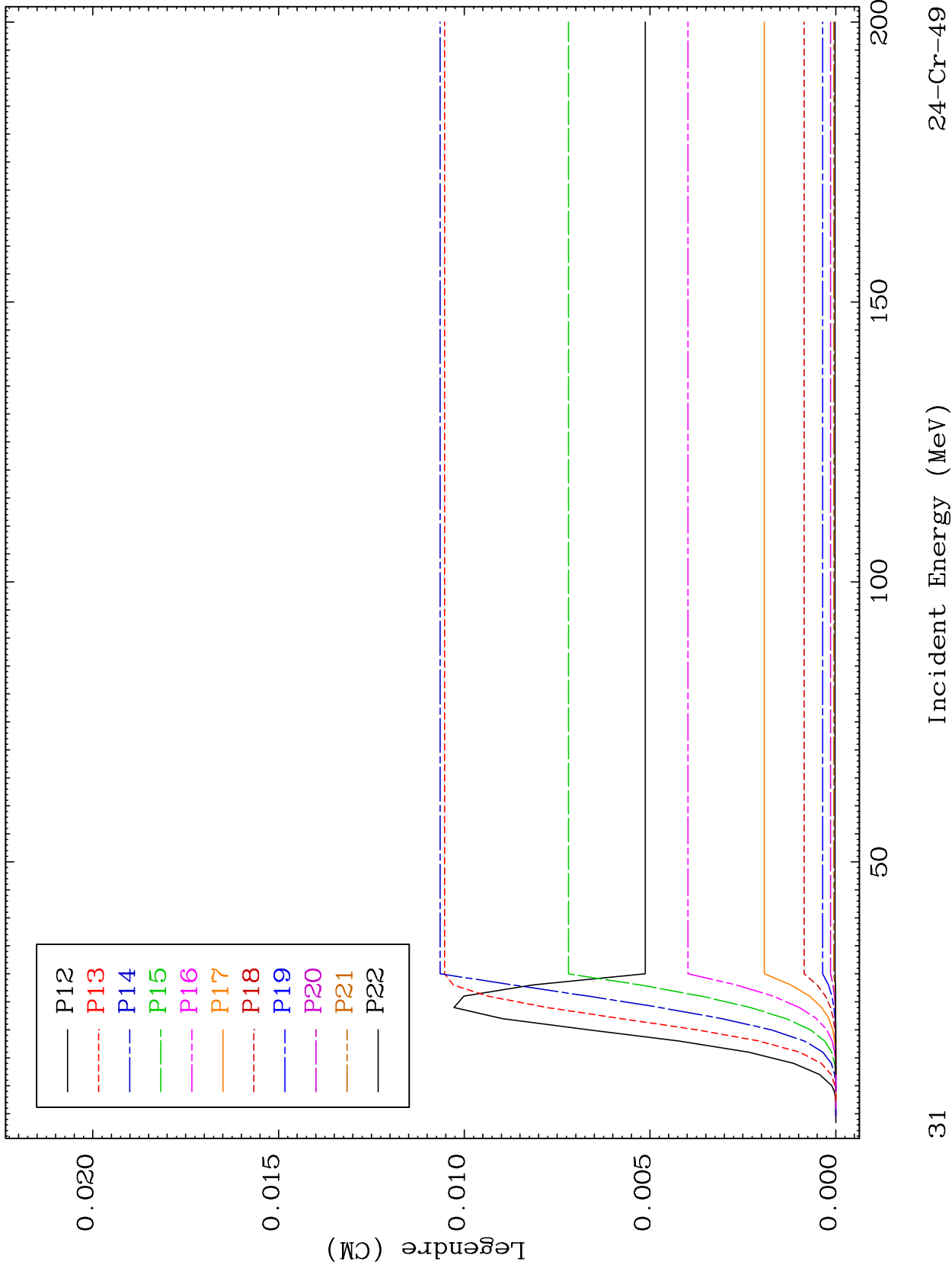


MAT 2422

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

24-Cr-49

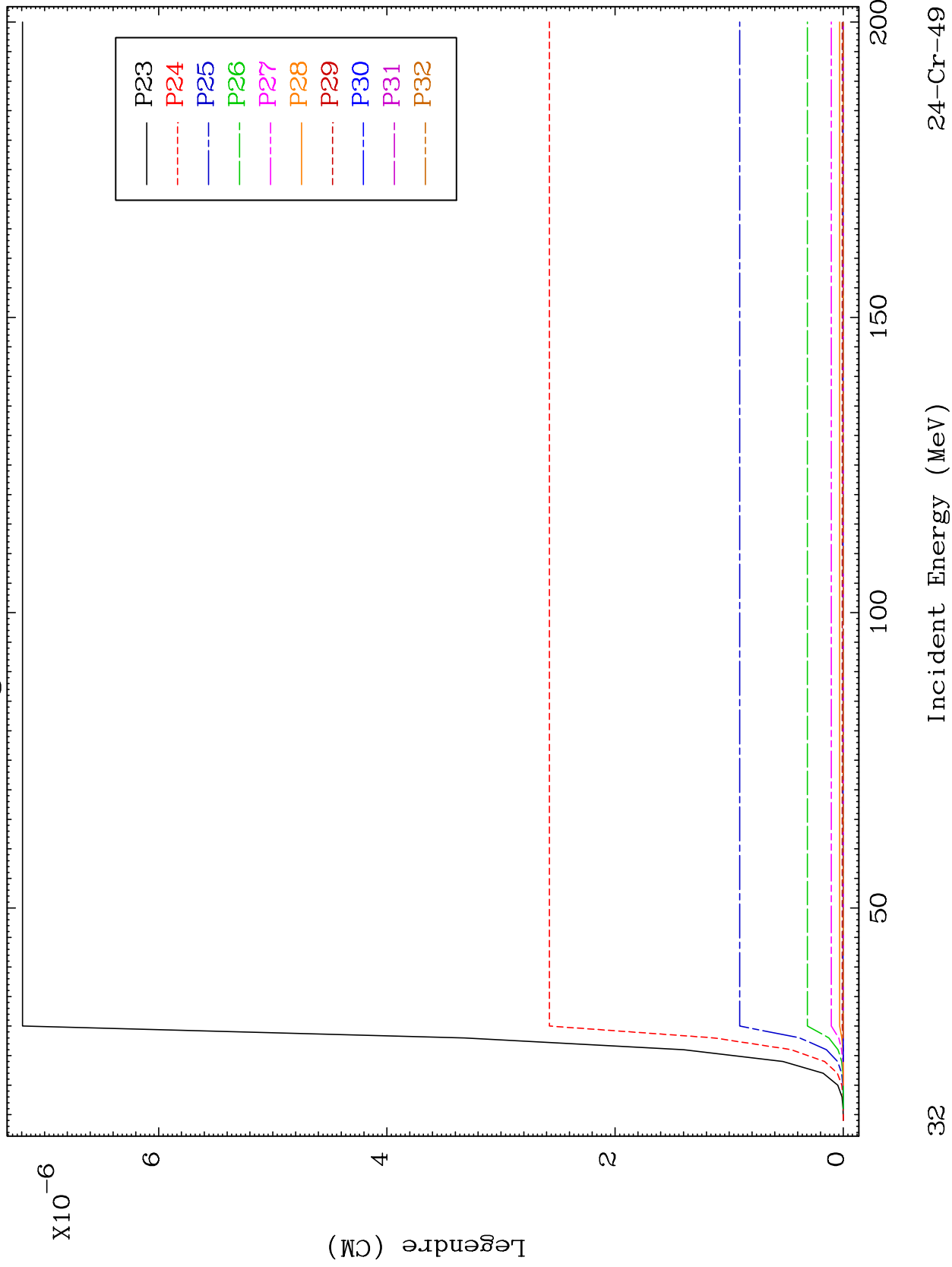




MAT 2422

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

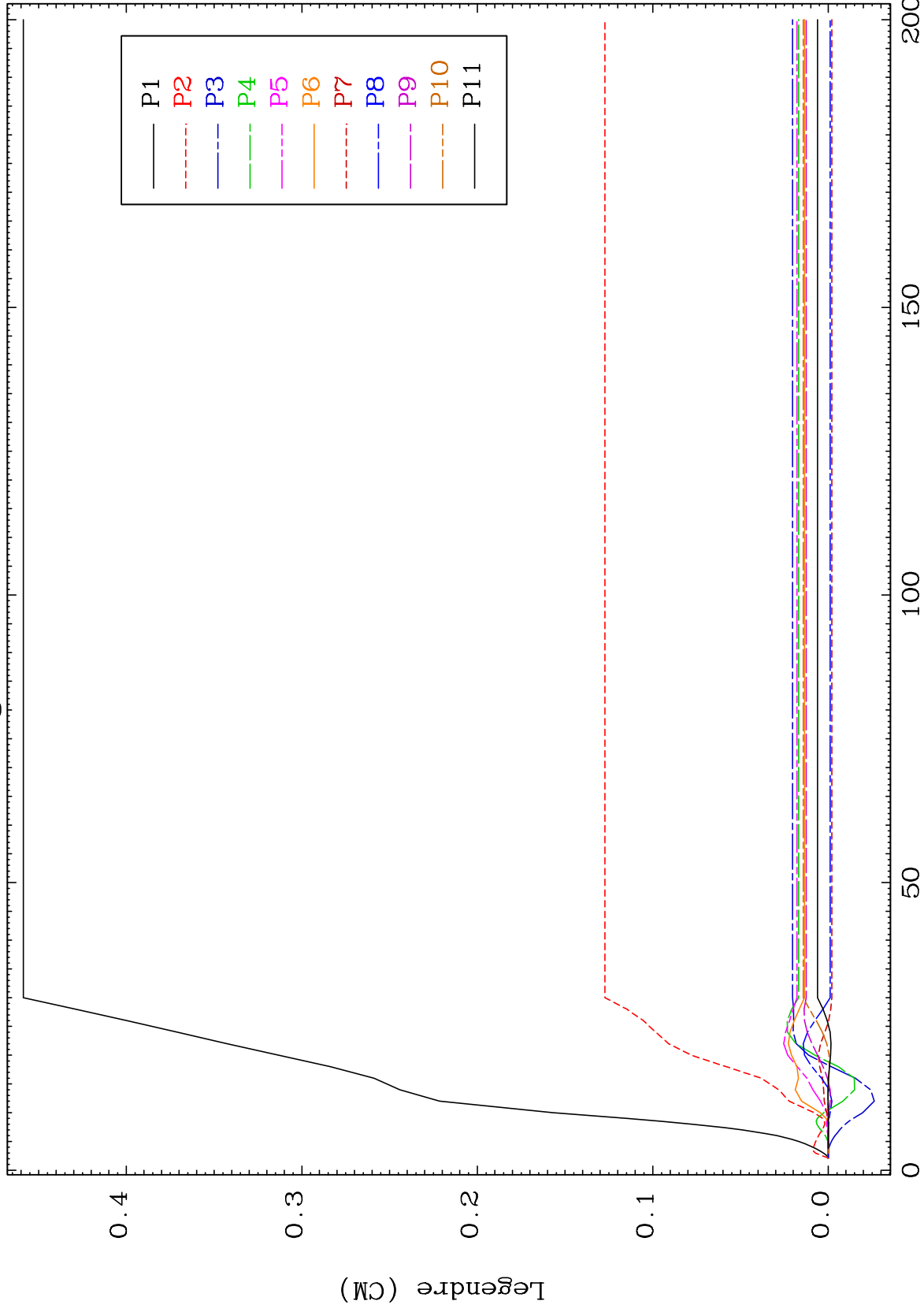
24-Cr-49



MAT 2422

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

24-Cr-49



33

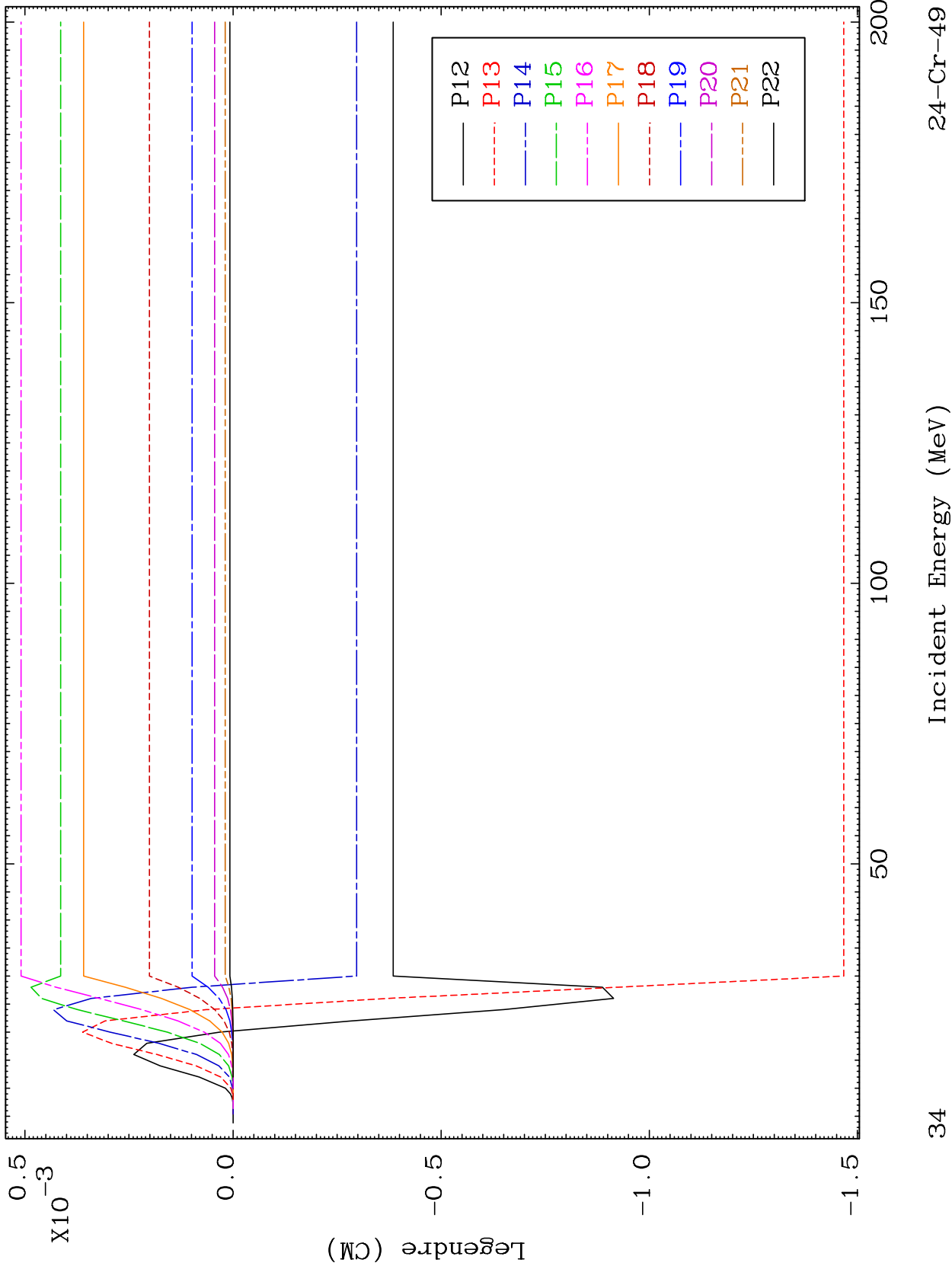
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



34

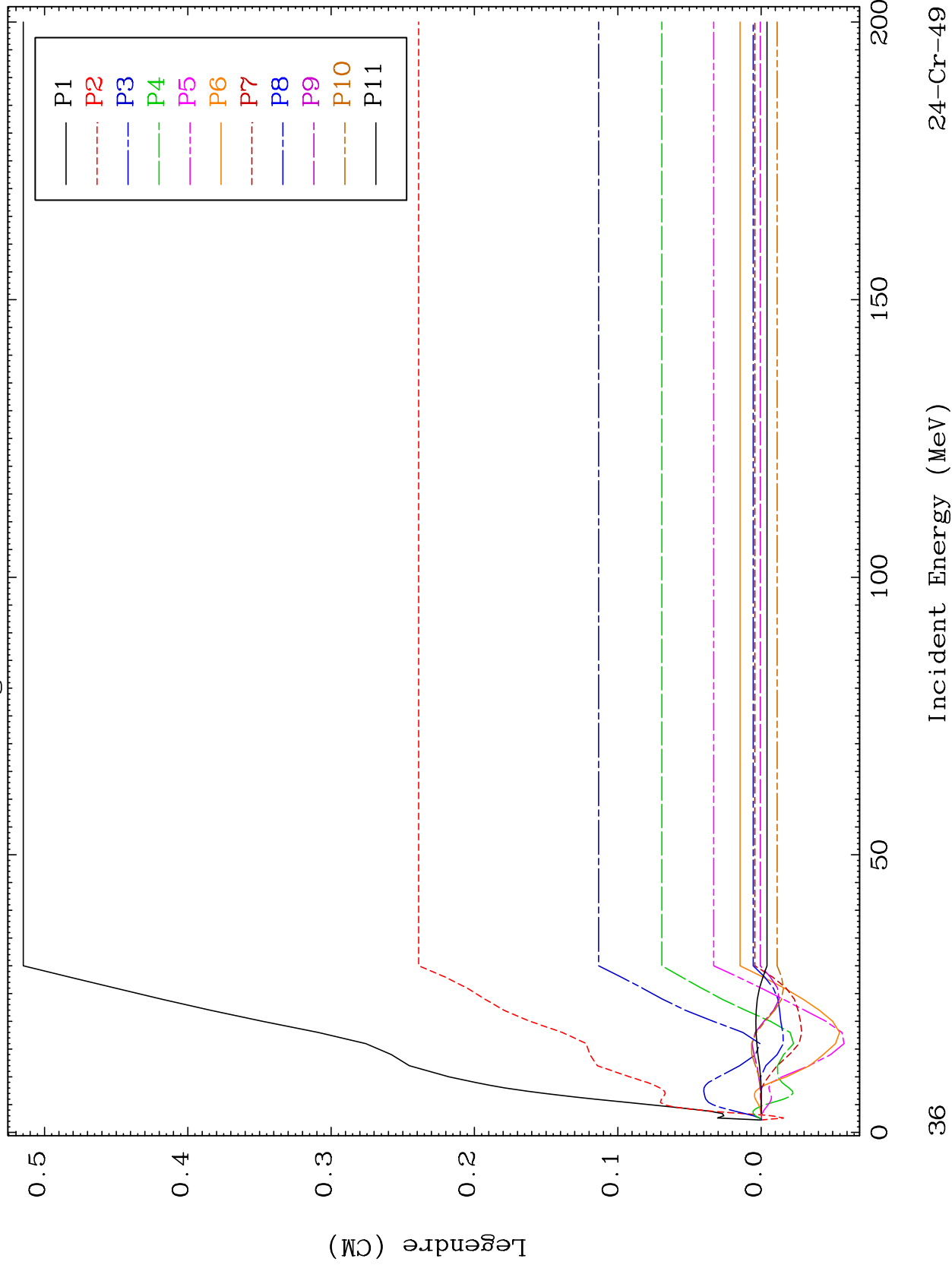
Incident Energy (MeV)

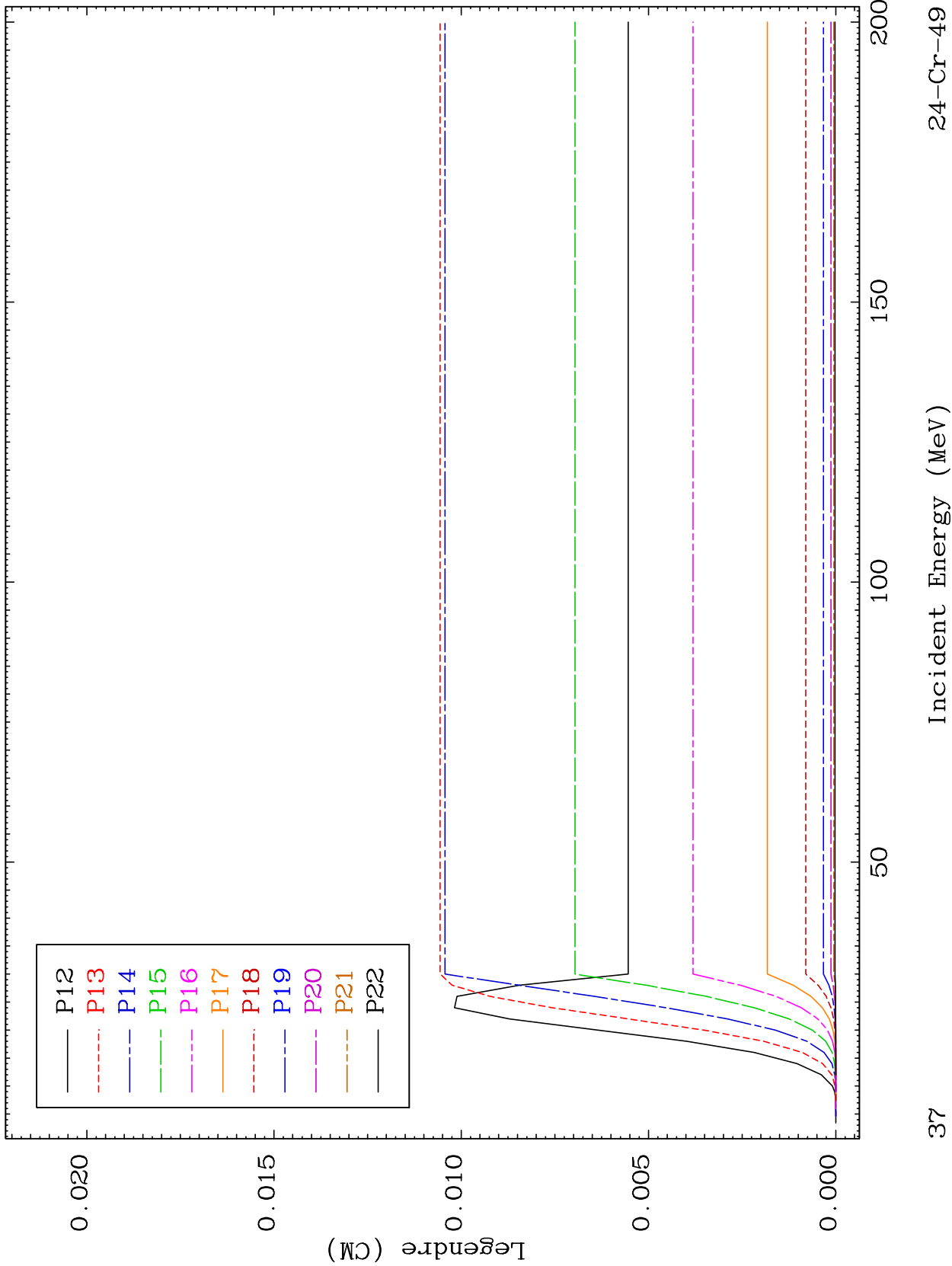
24-Cr-49

MAT 2422

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

24-Cr-49

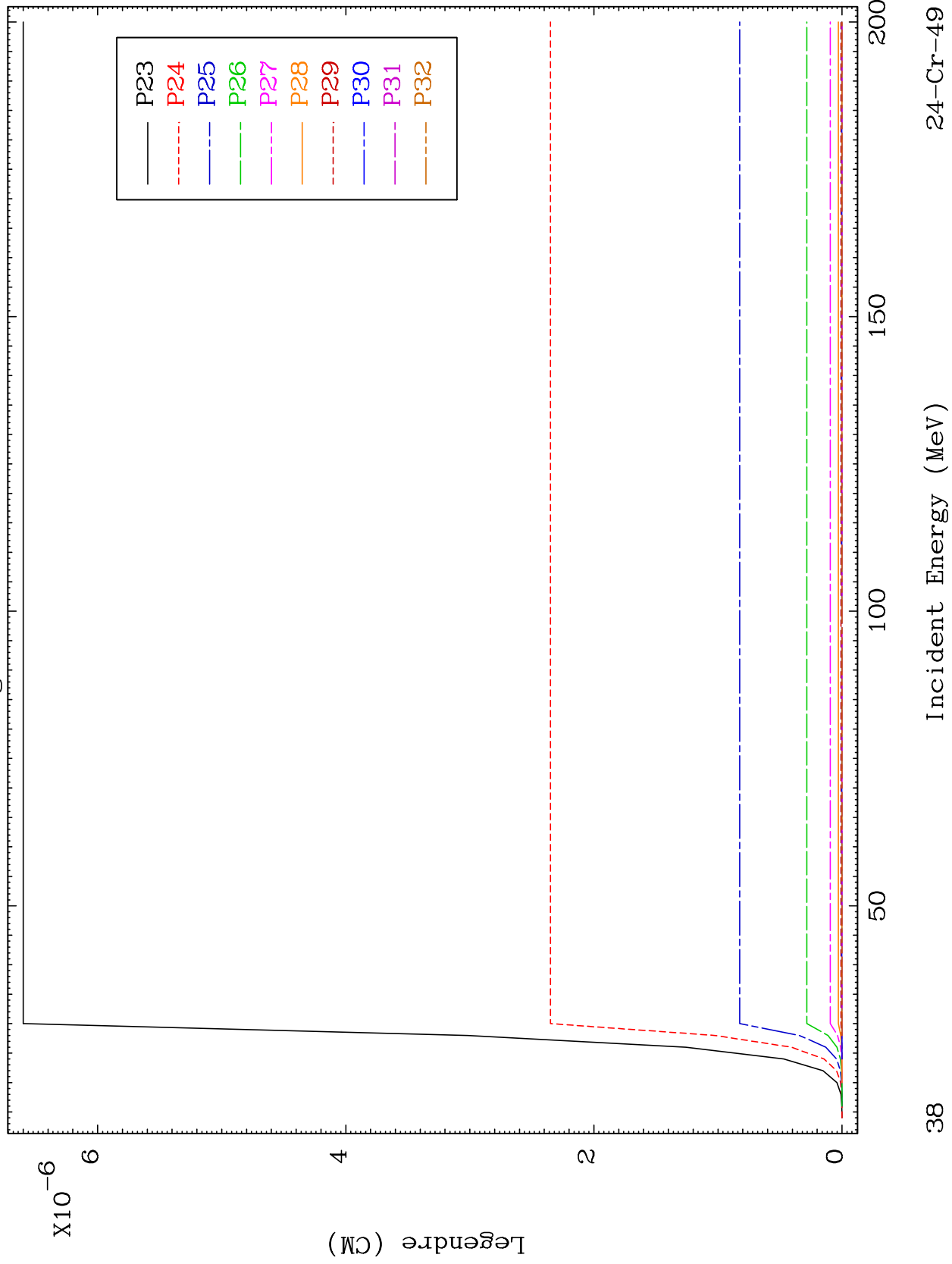




MAT 2422

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

24-Cr-49



38

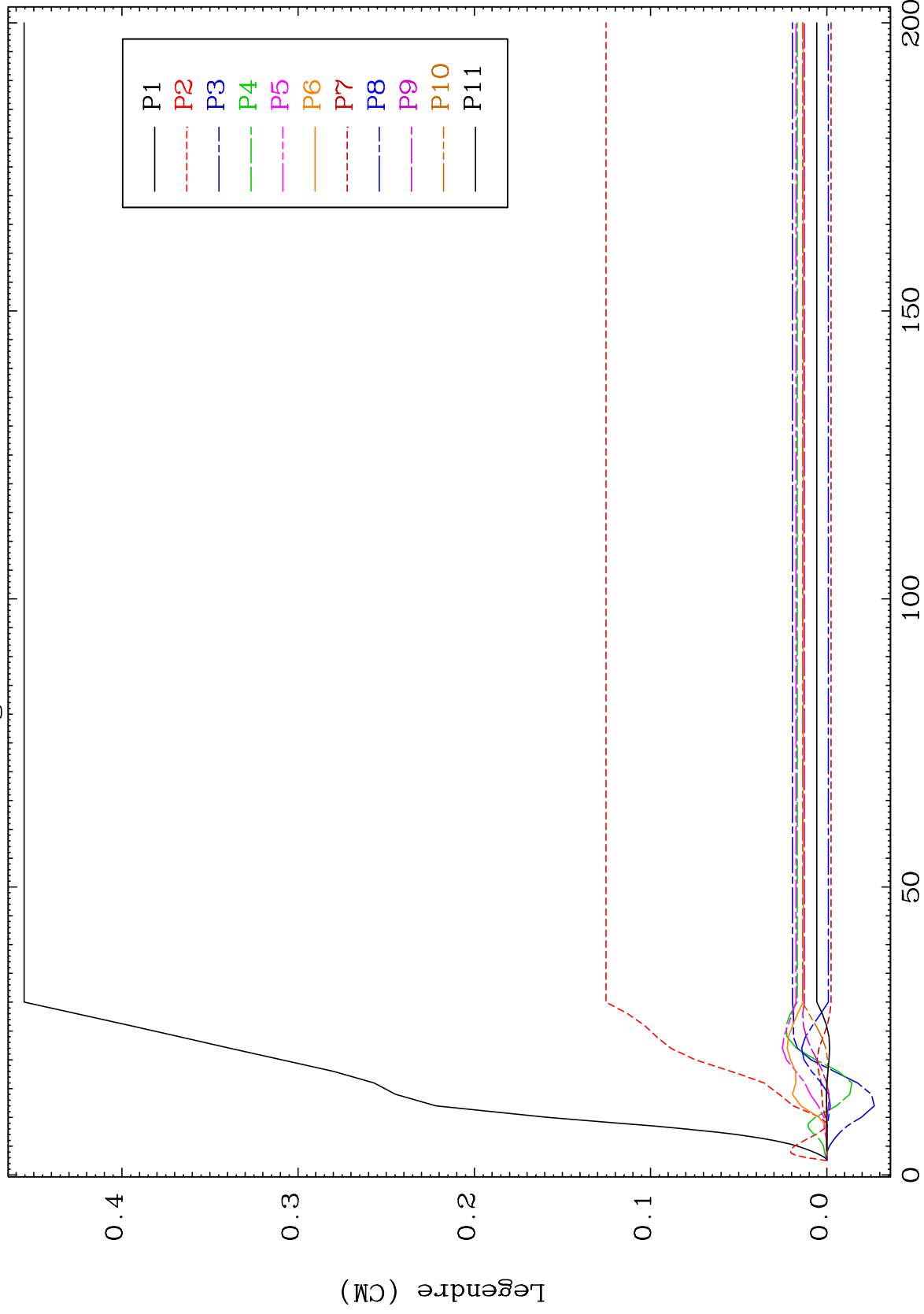
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



39

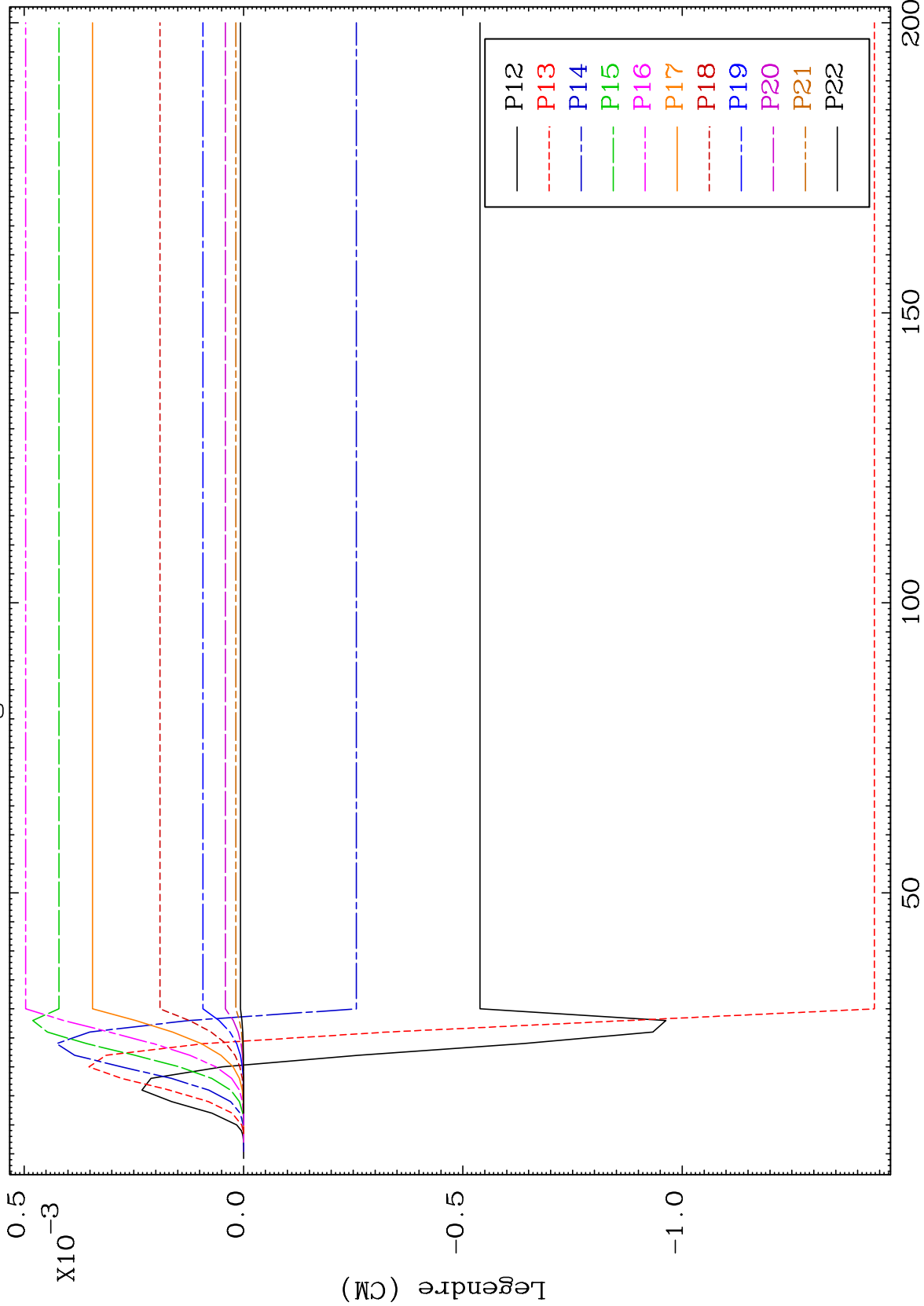
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



40

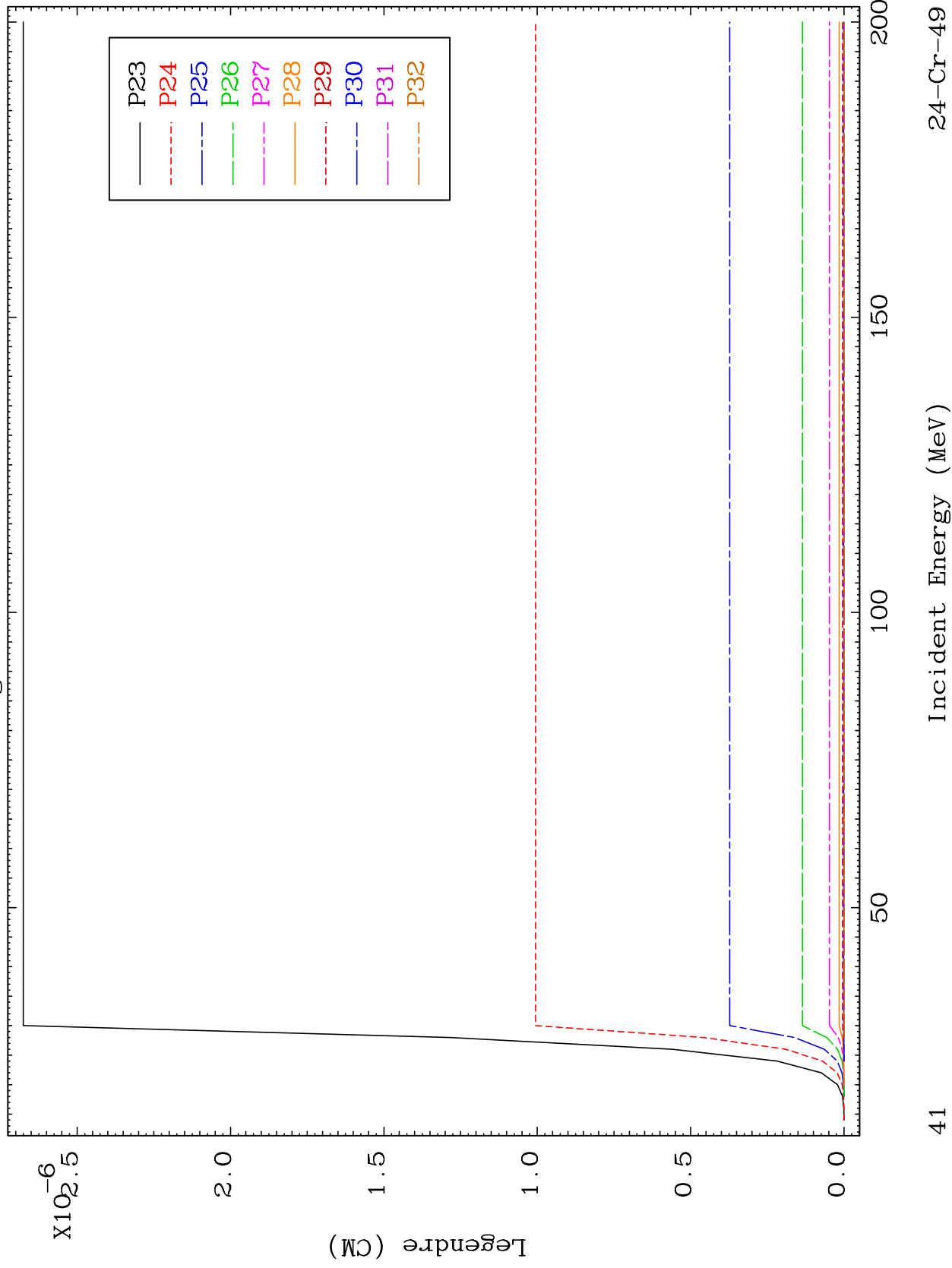
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



41

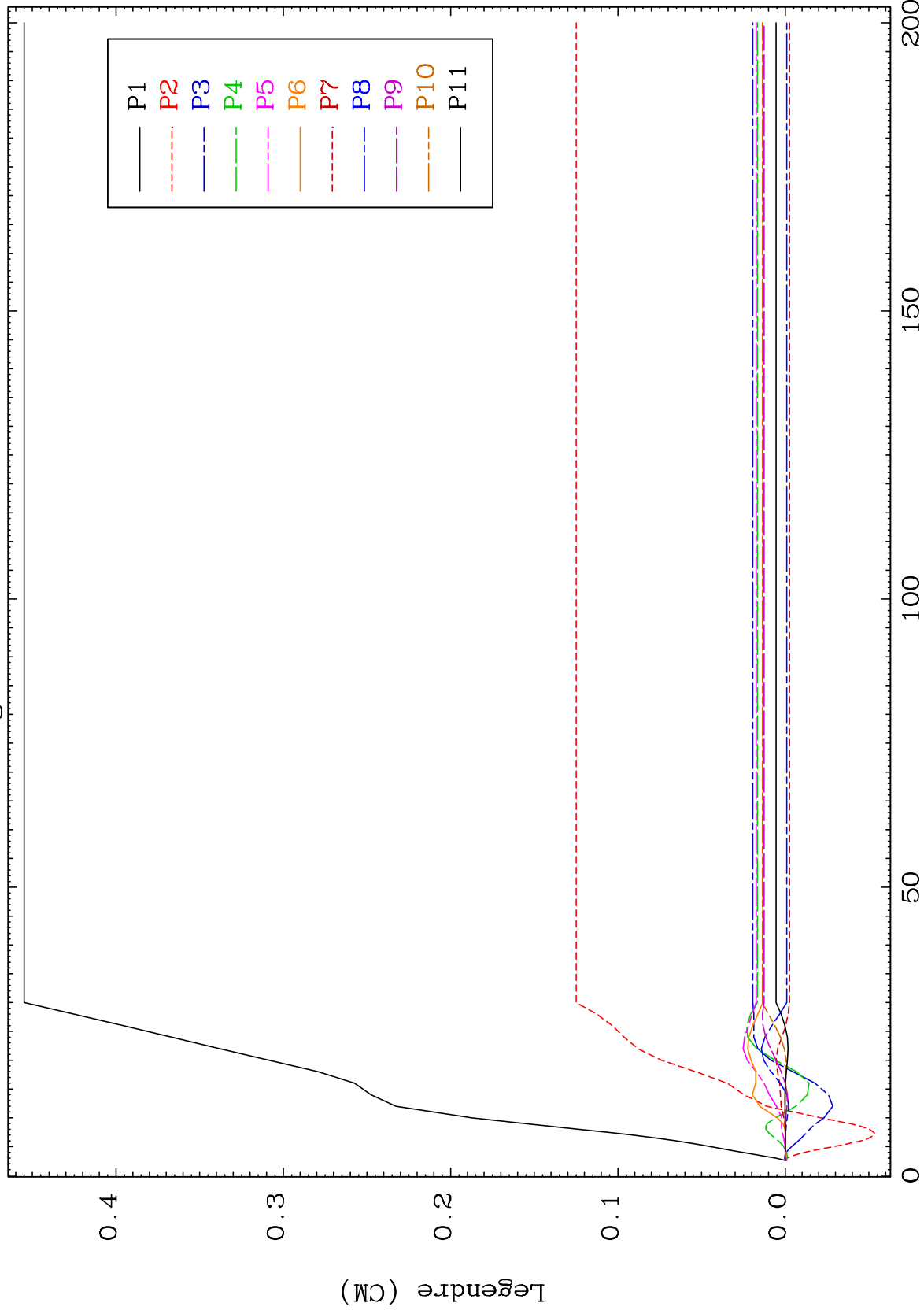
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



24-Cr-49

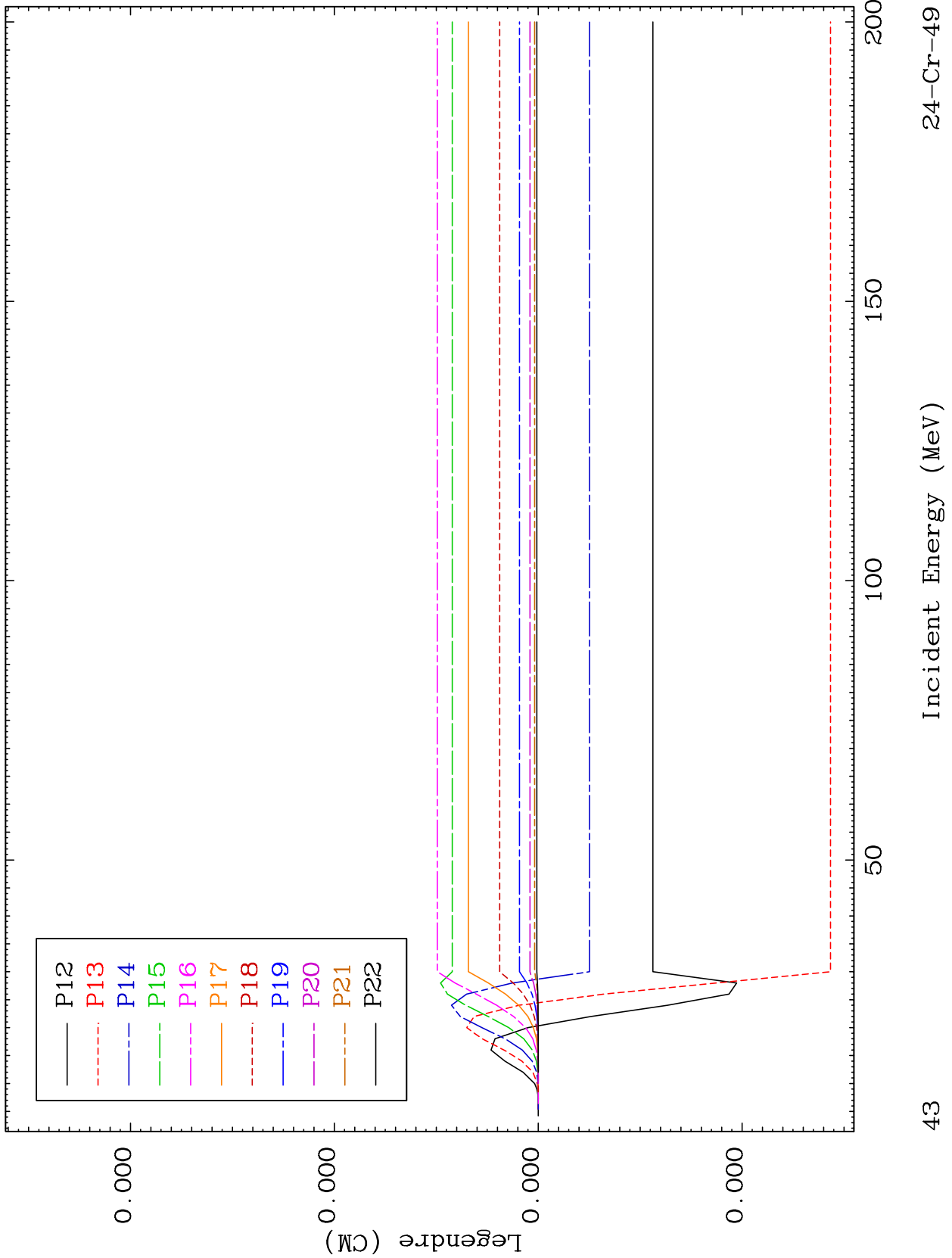
Incident Energy (MeV)

42

MAT 2422

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

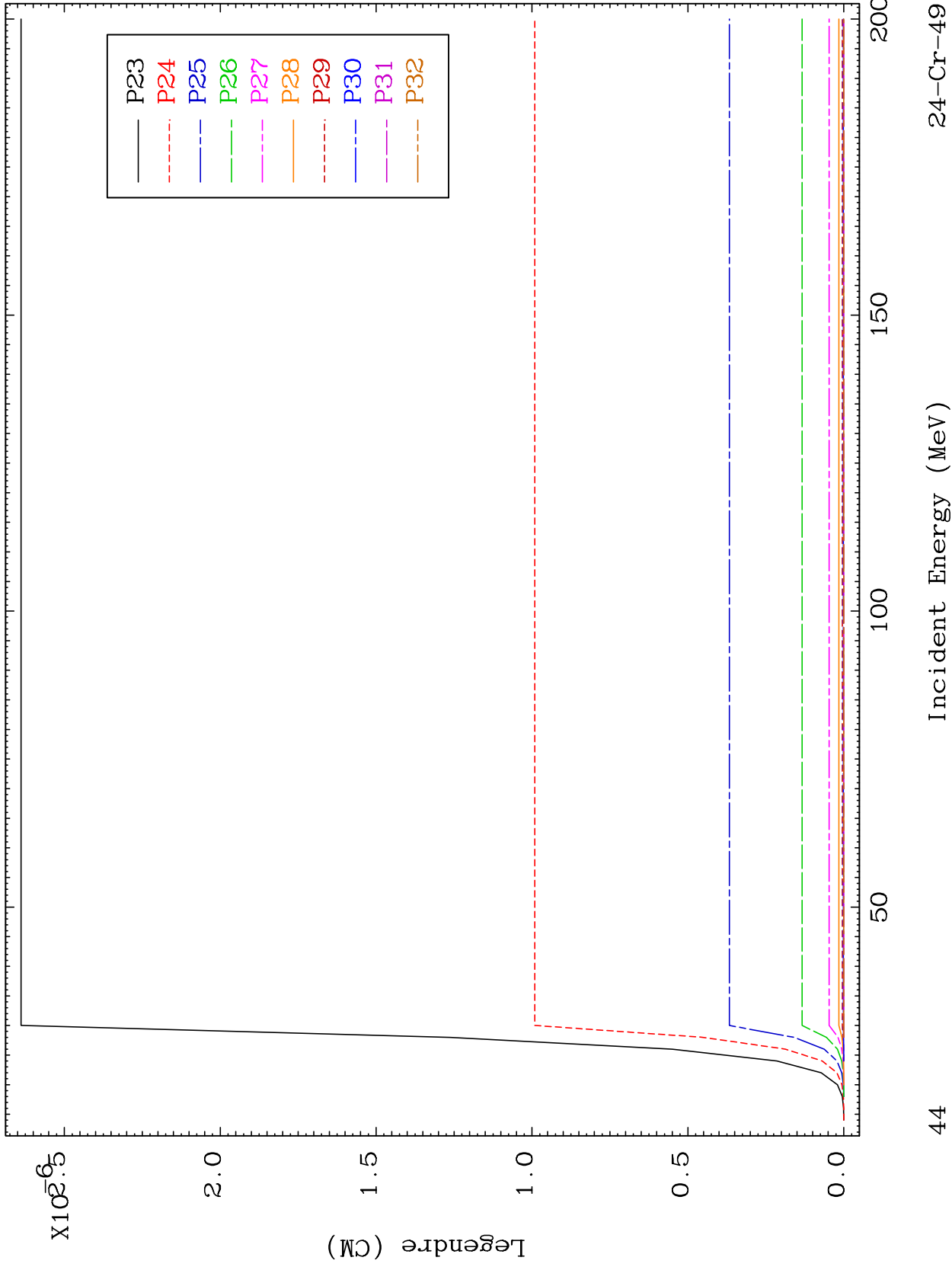
24-Cr-49



MAT 2422

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

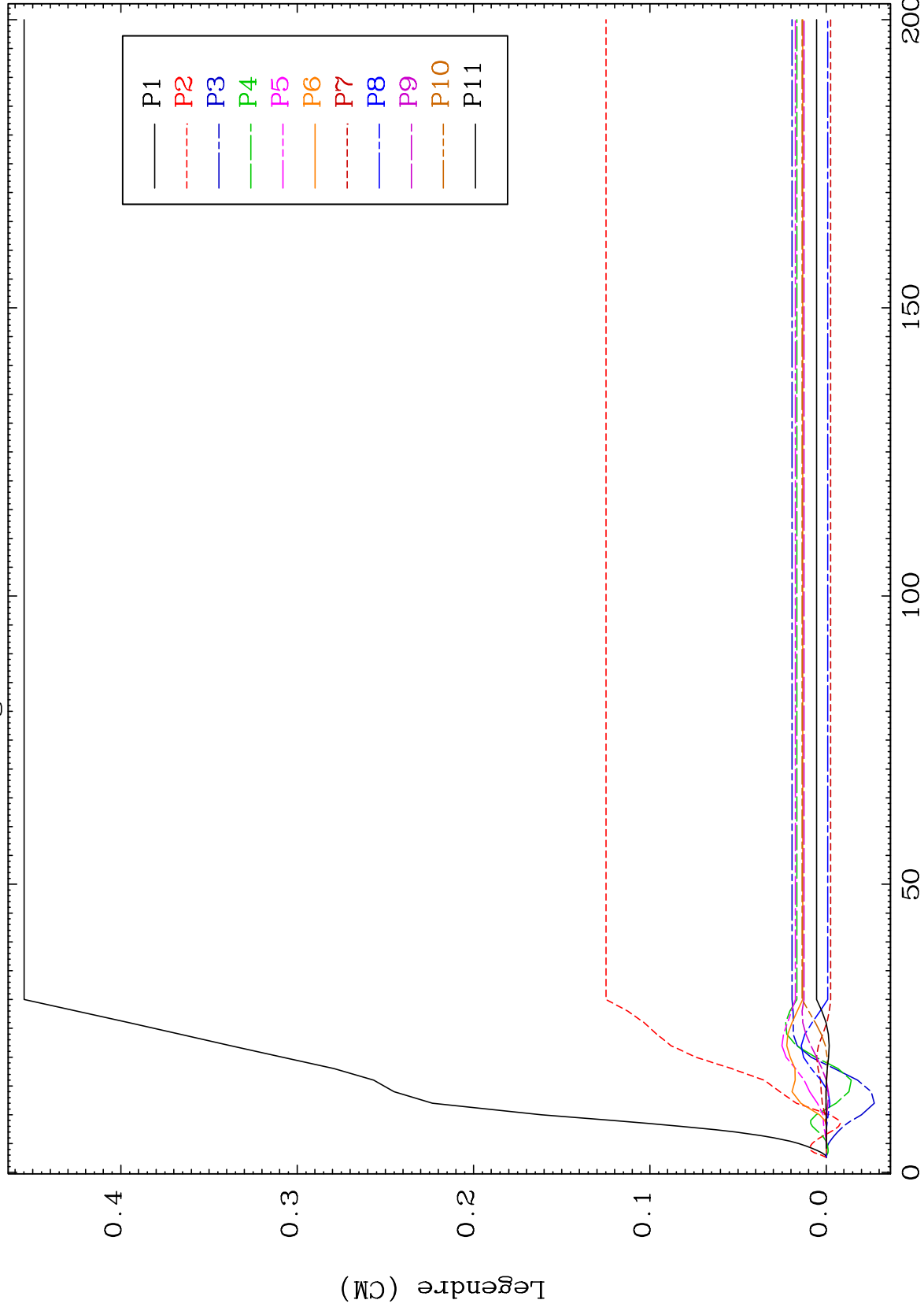
24-Cr-49



MAT 2422

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

24-Cr-49



24-Cr-49

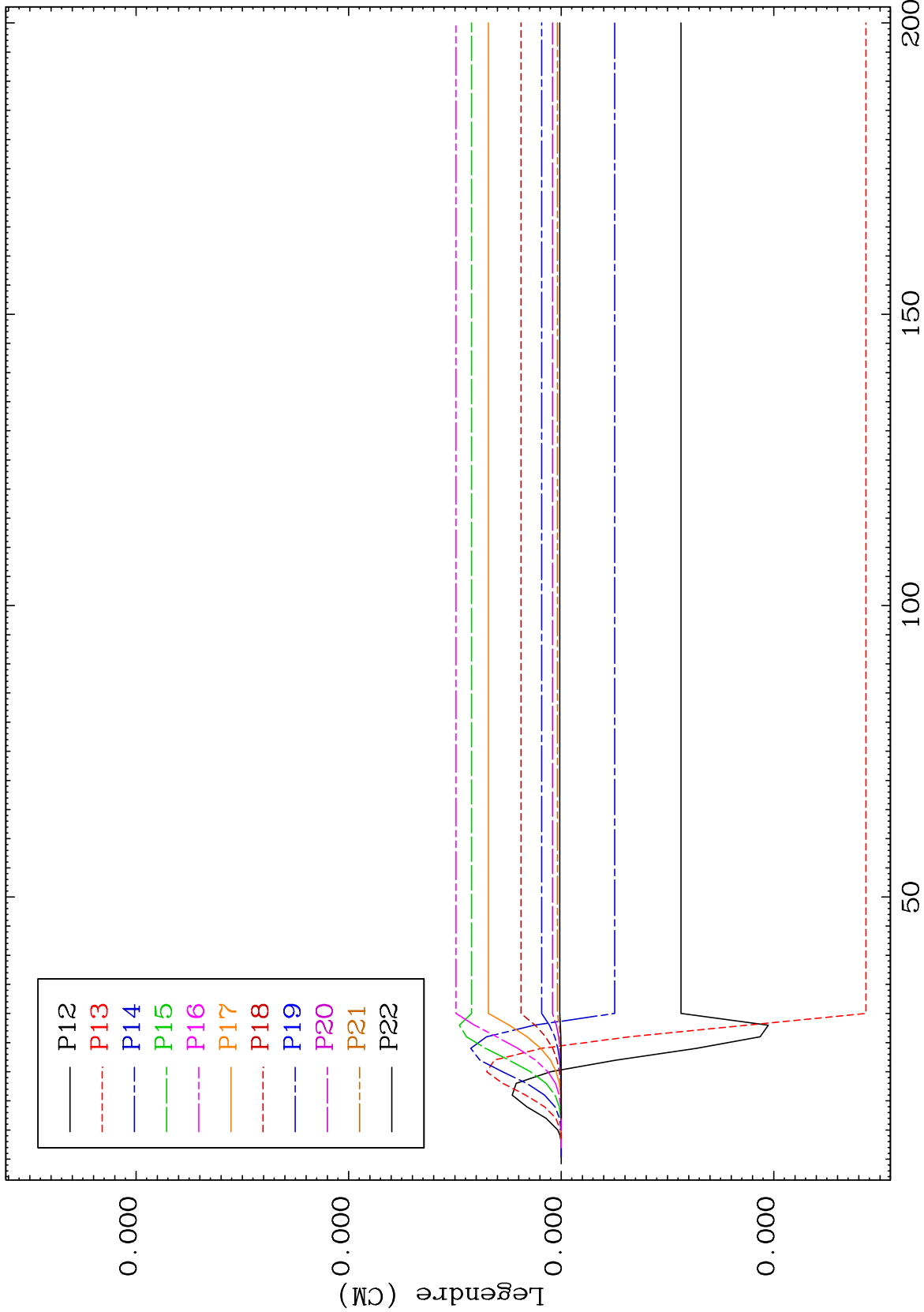
Incident Energy (MeV)

45

MAT 2422

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

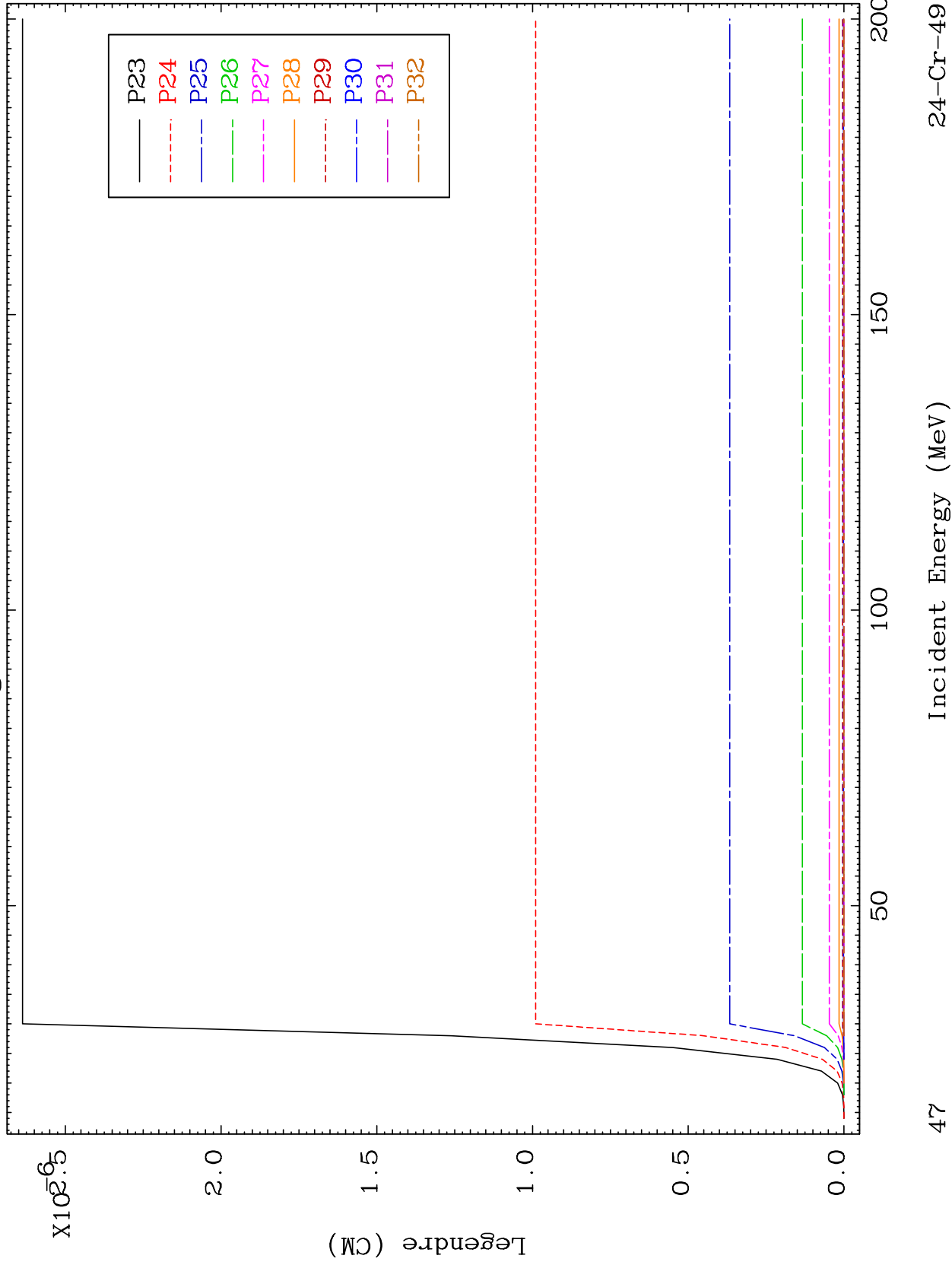
24-Cr-49



MAT 2422

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

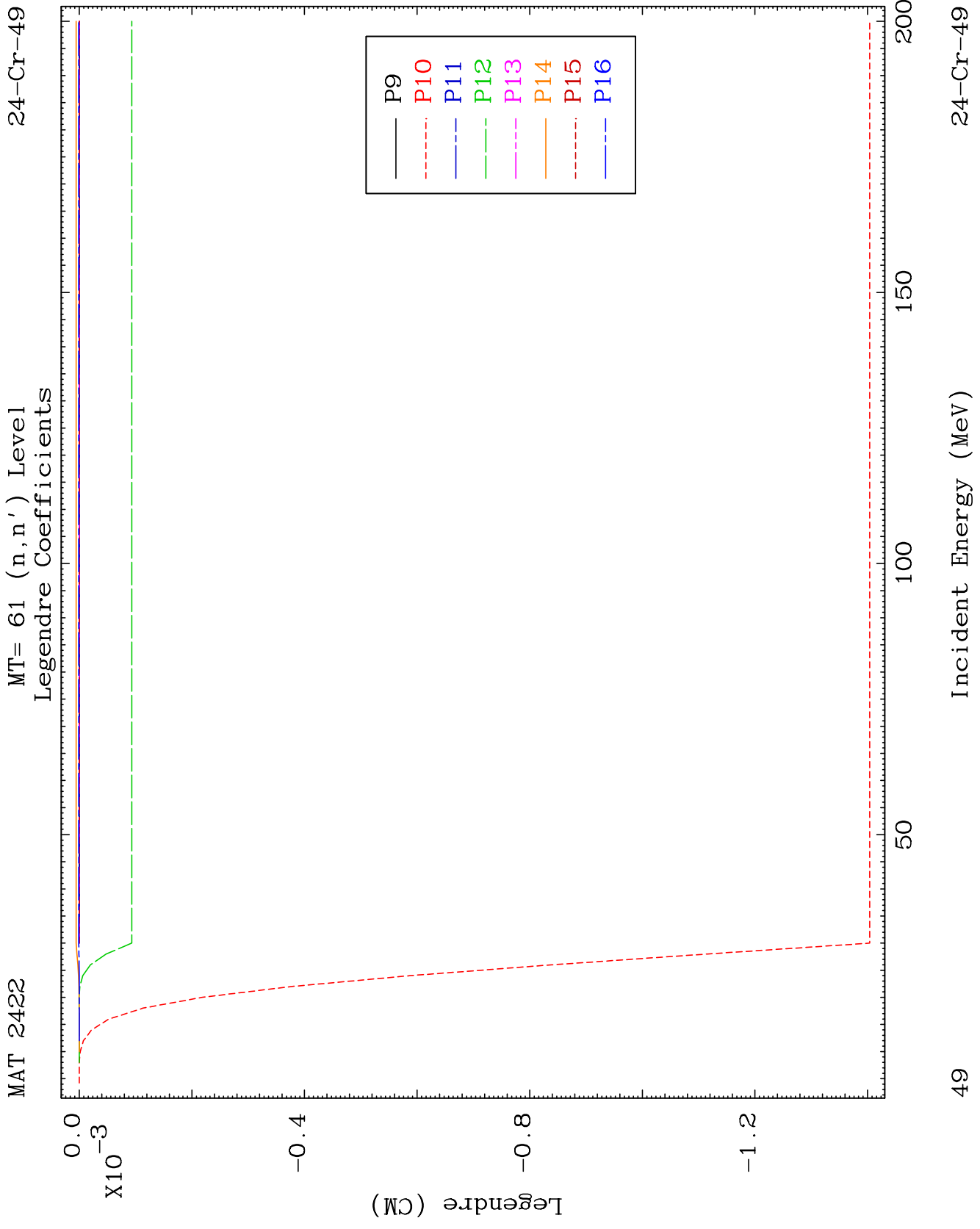
24-Cr-49

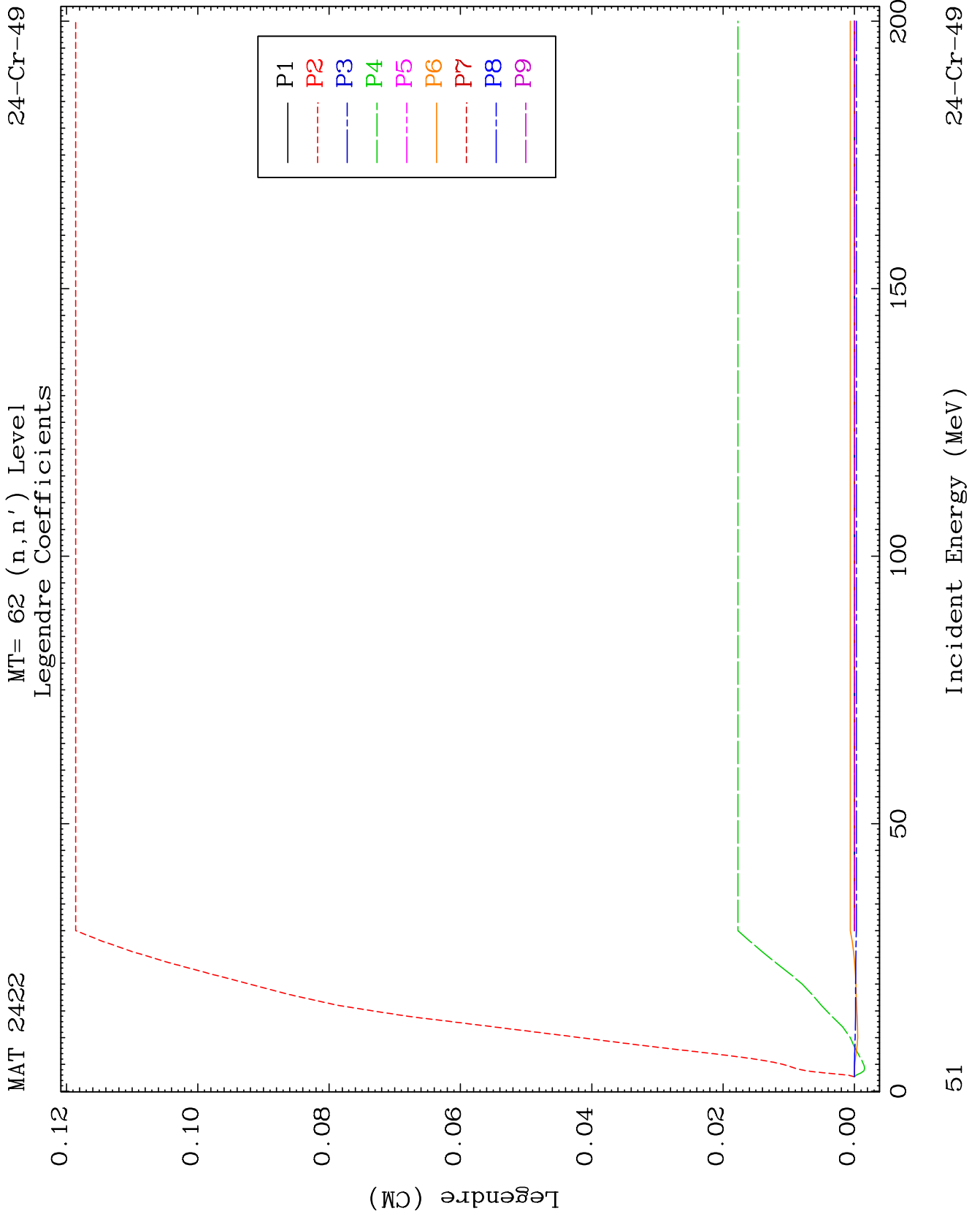


47

Incident Energy (MeV)

24-Cr-49

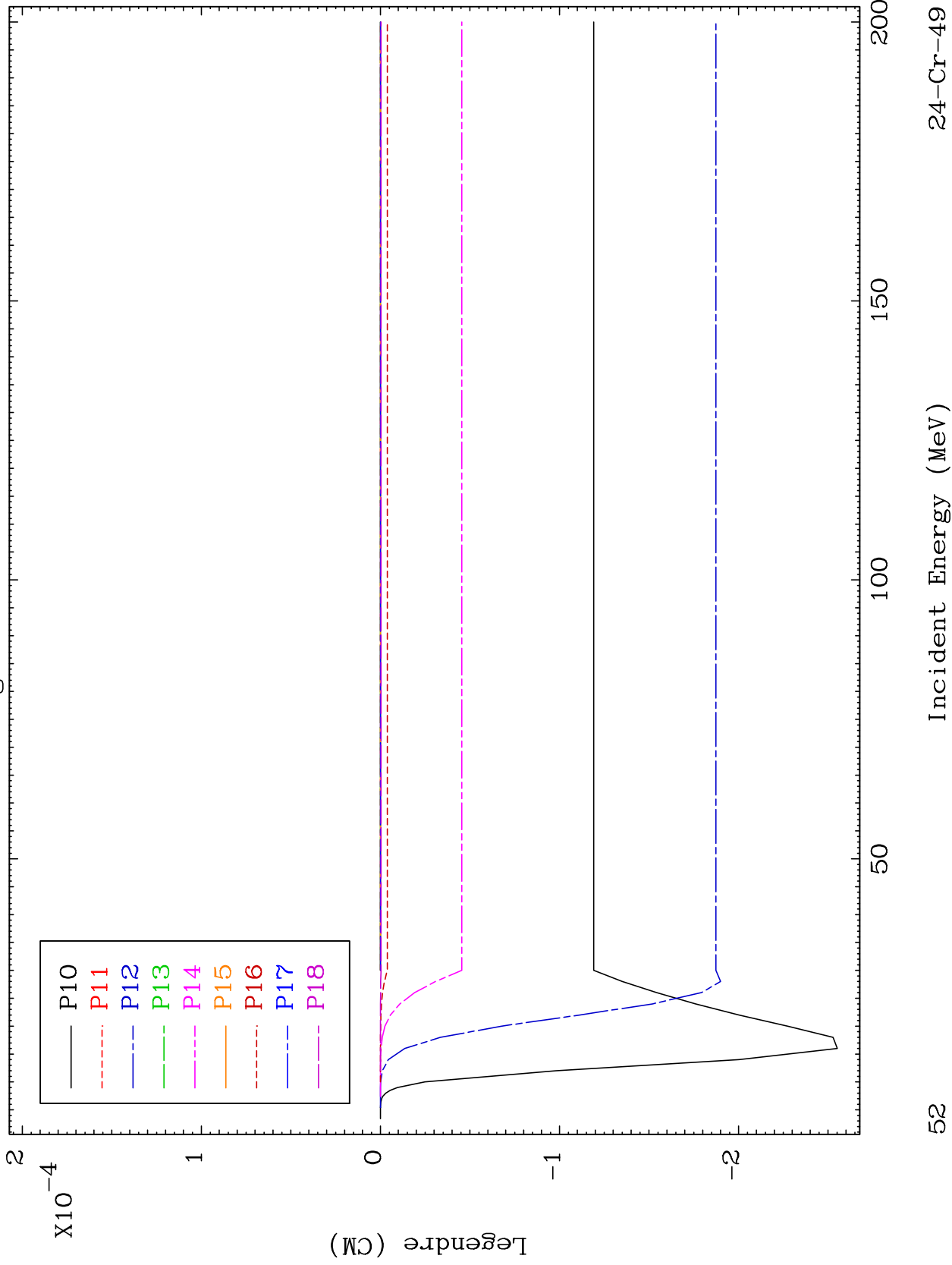




MAT 2422

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

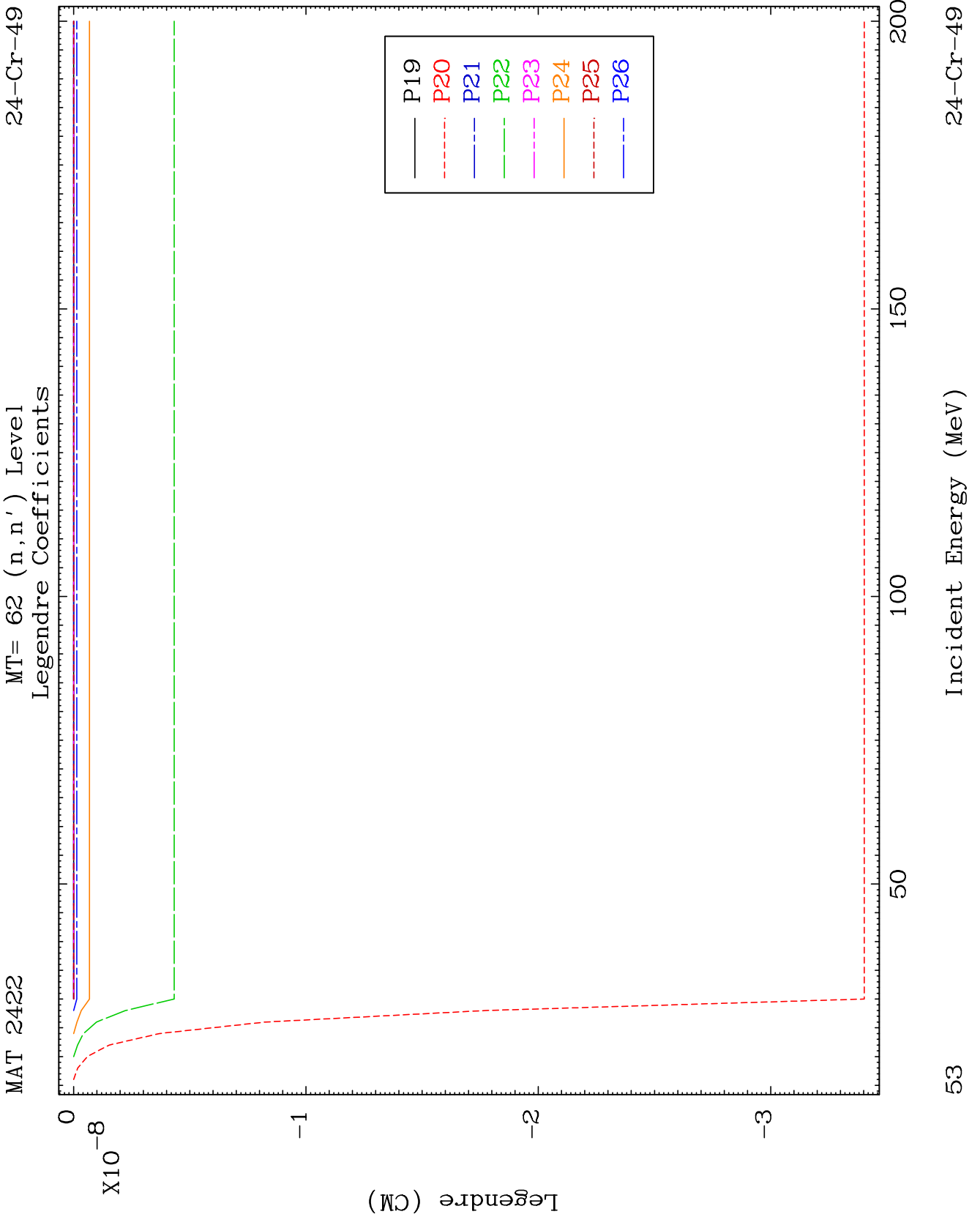
24-Cr-49



52

Incident Energy (MeV)

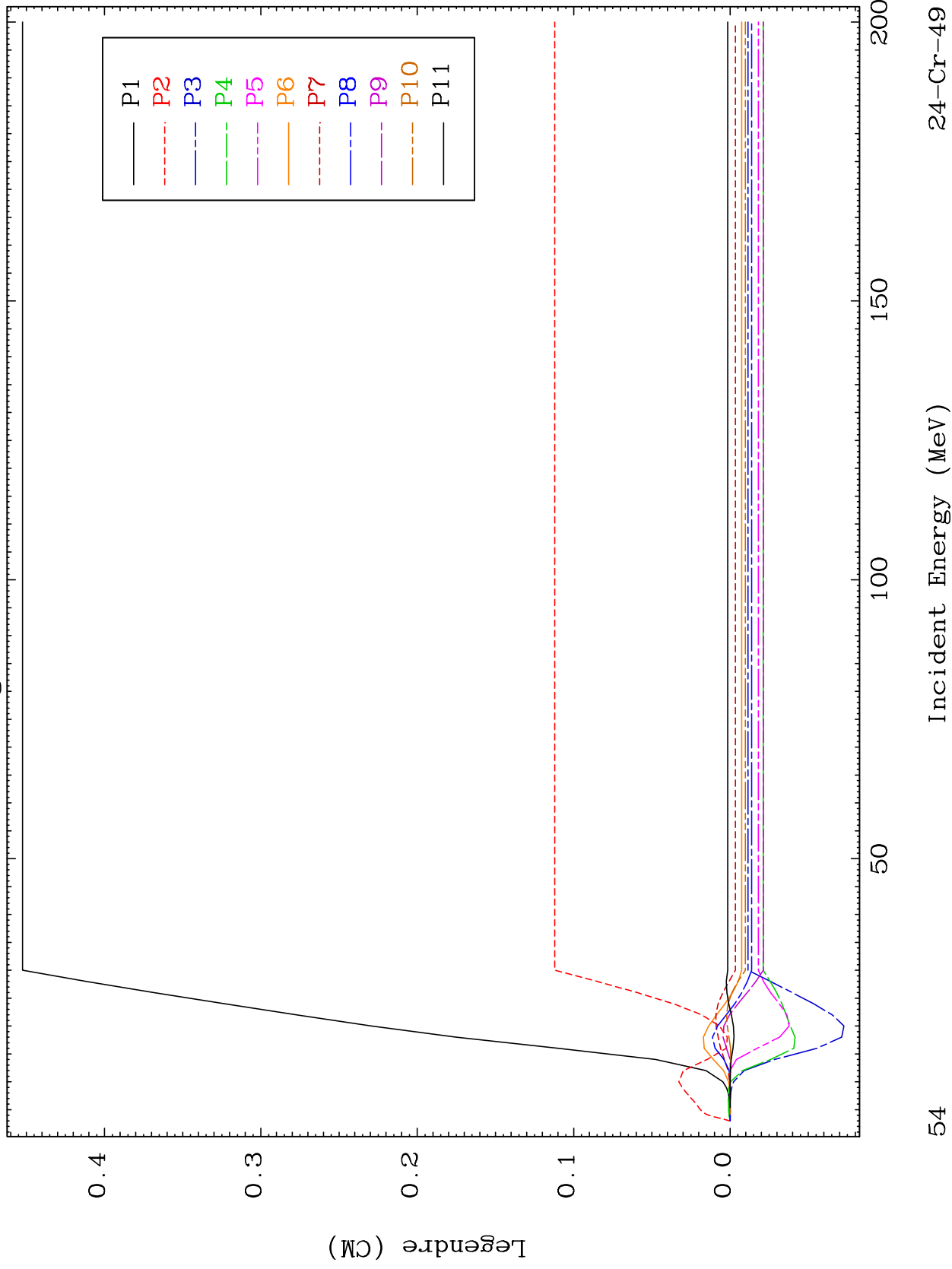
24-Cr-49



MAT 2422

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

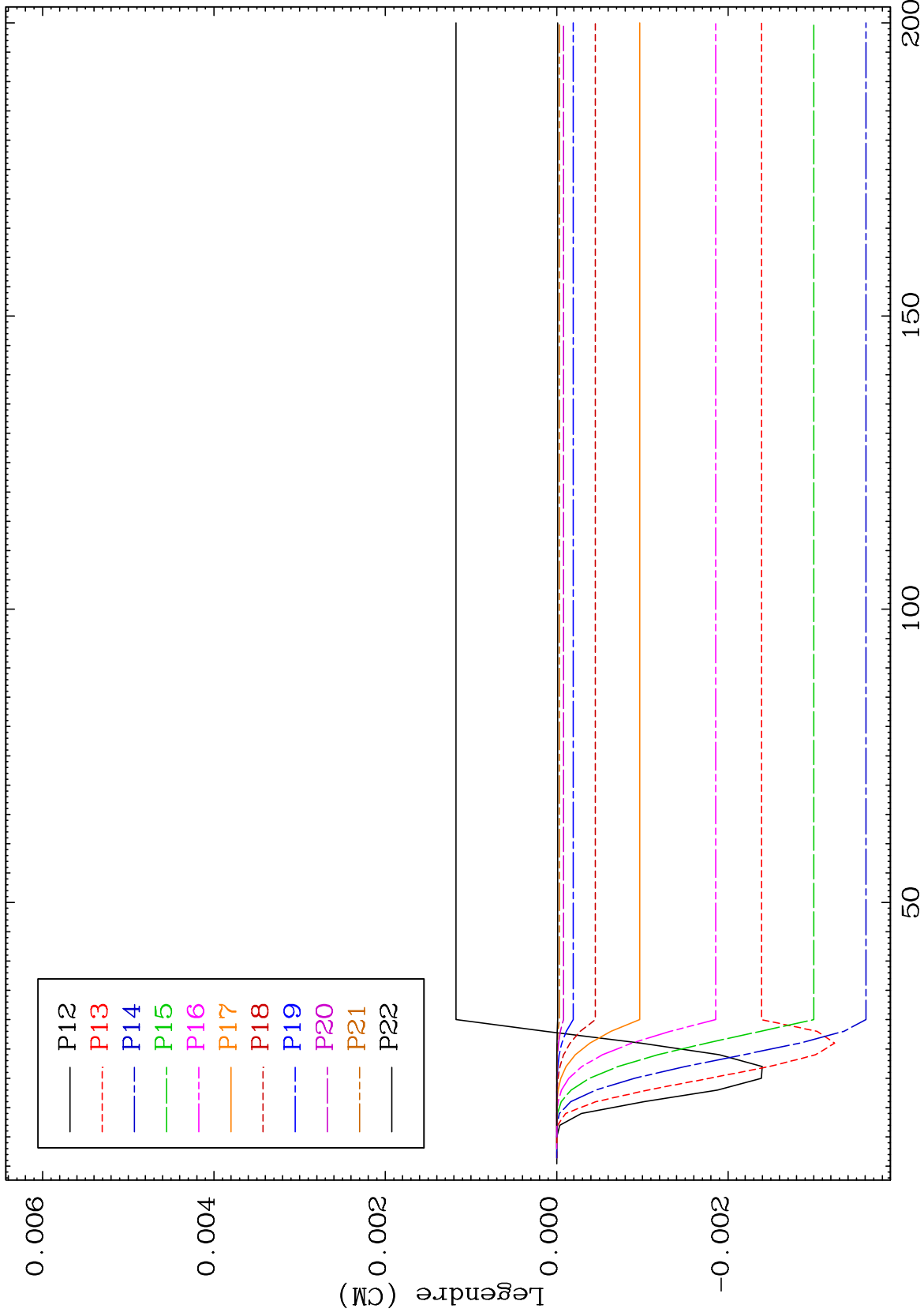
24-Cr-49

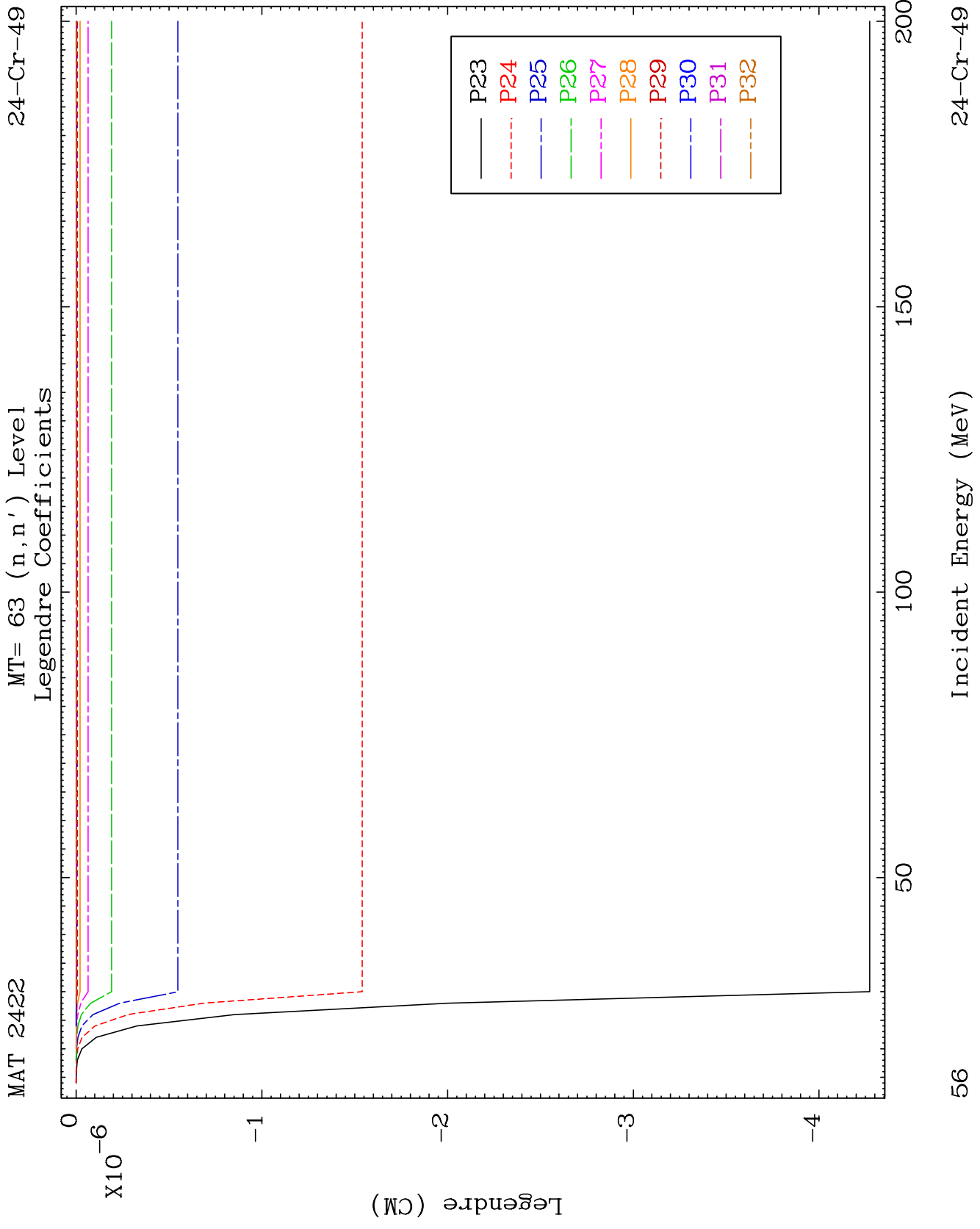


54

Incident Energy (MeV)

24-Cr-49

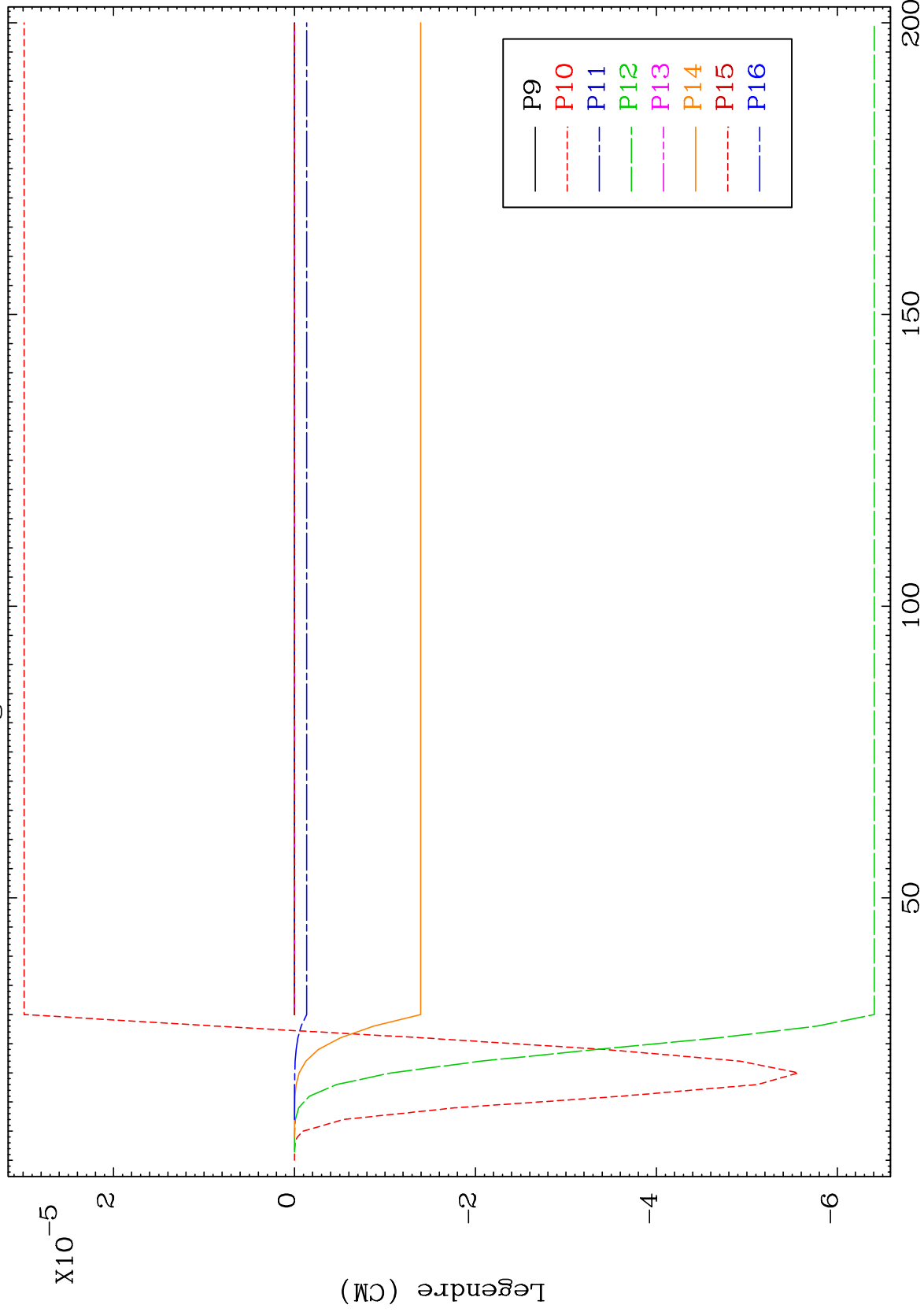




MAT 2422

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

24-Cr-49



58

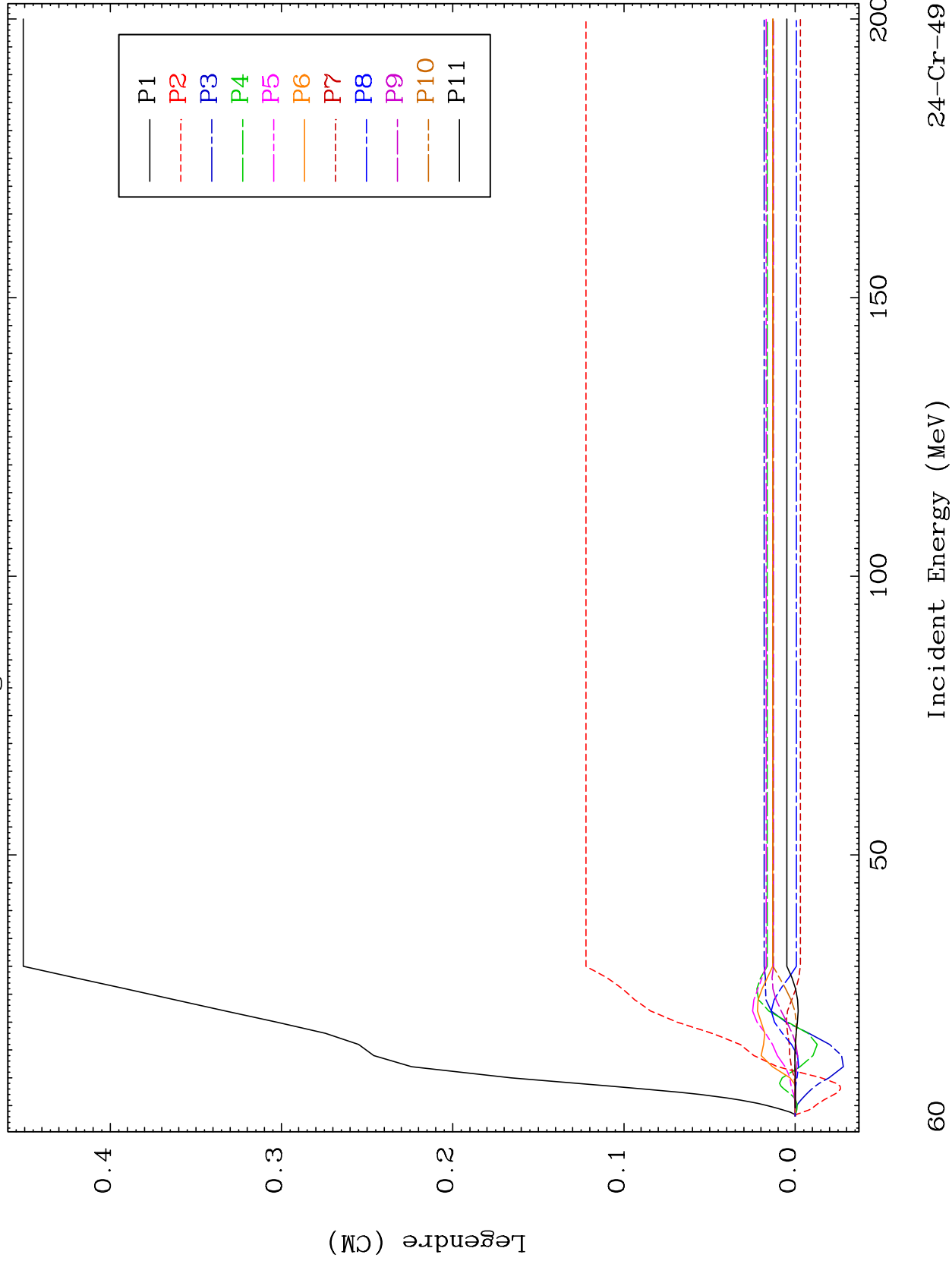
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49

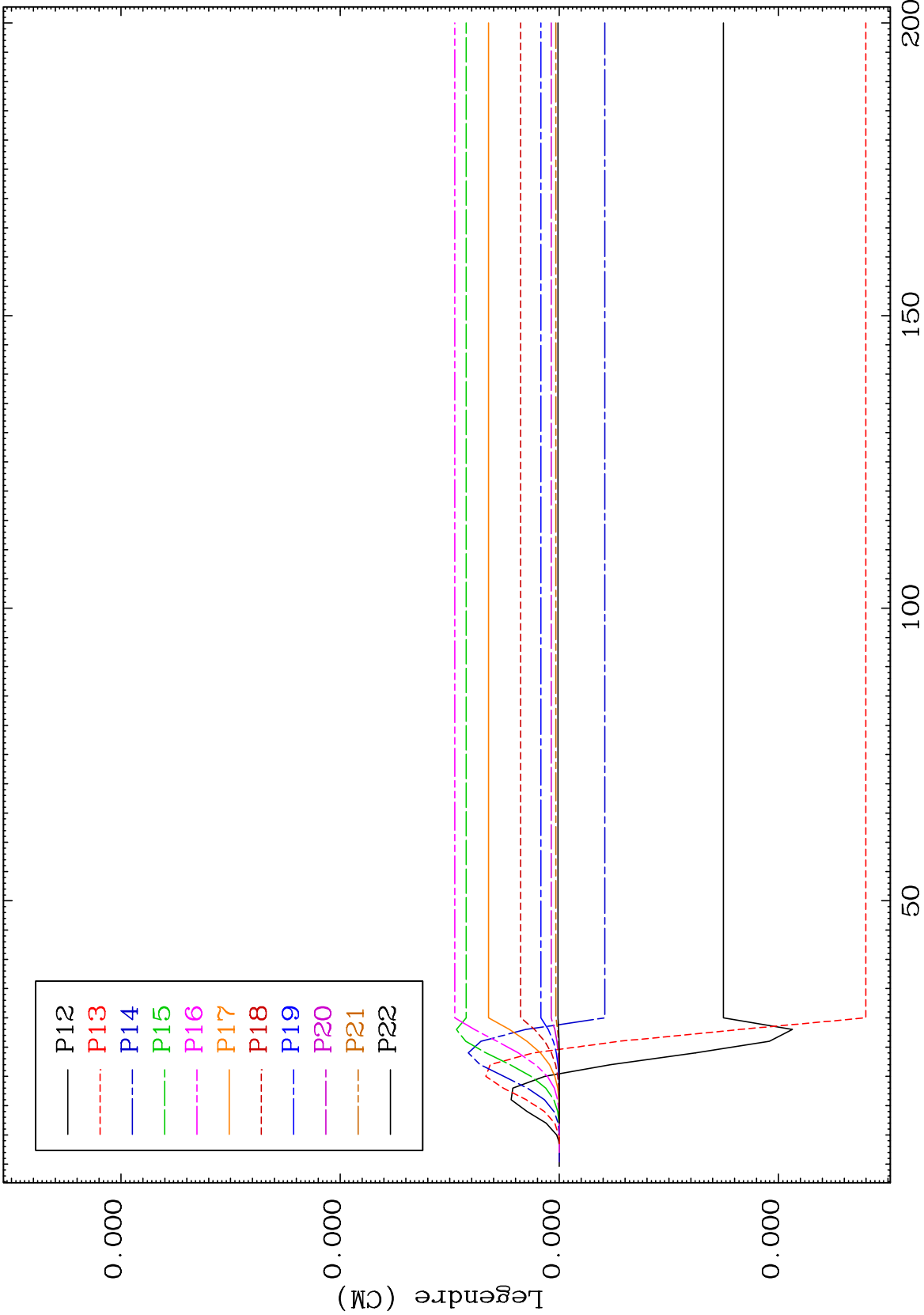


24-Cr-49

MAT 2422

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

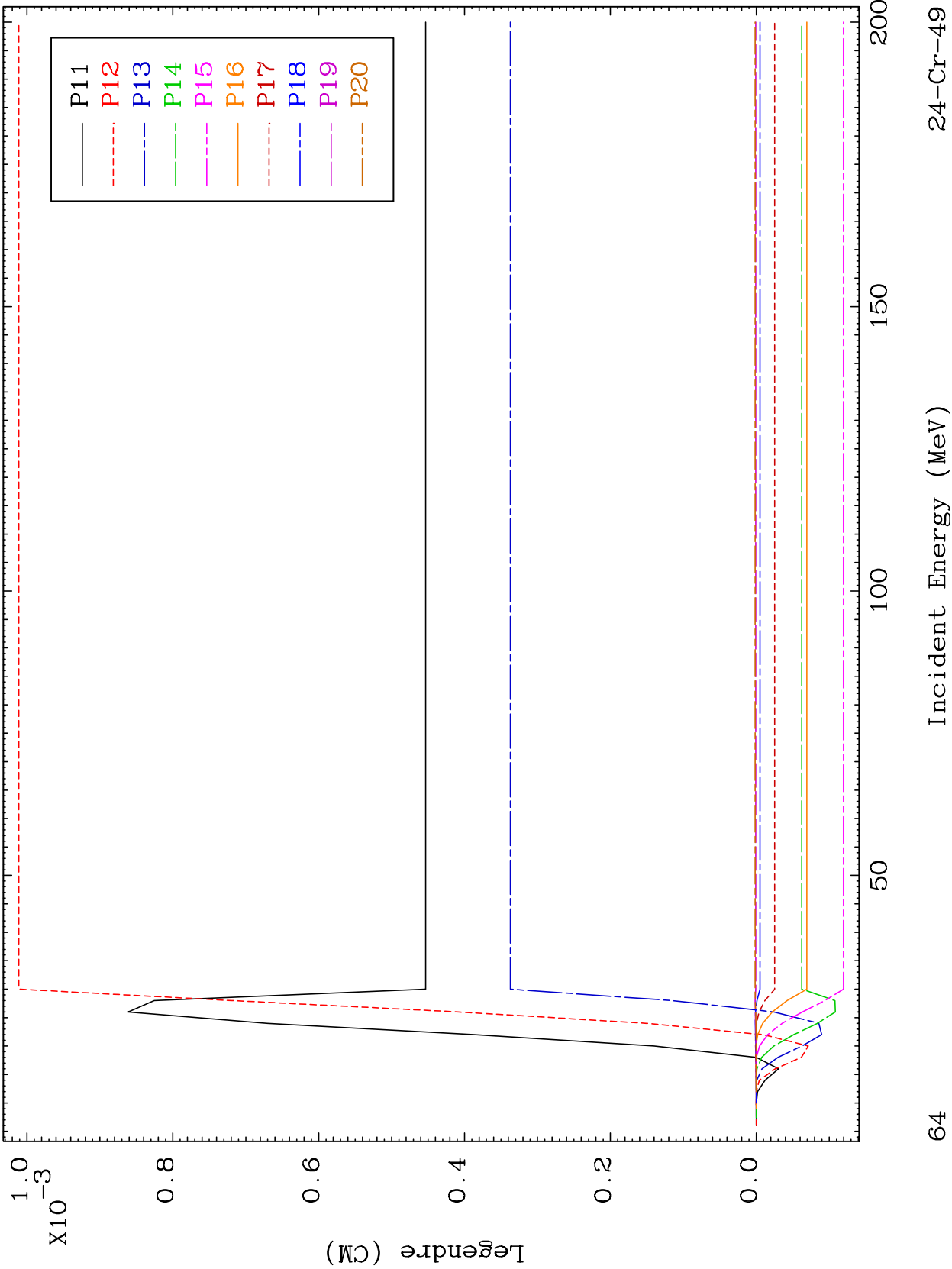
24-Cr-49



MAT 2422

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

24-Cr-49



64

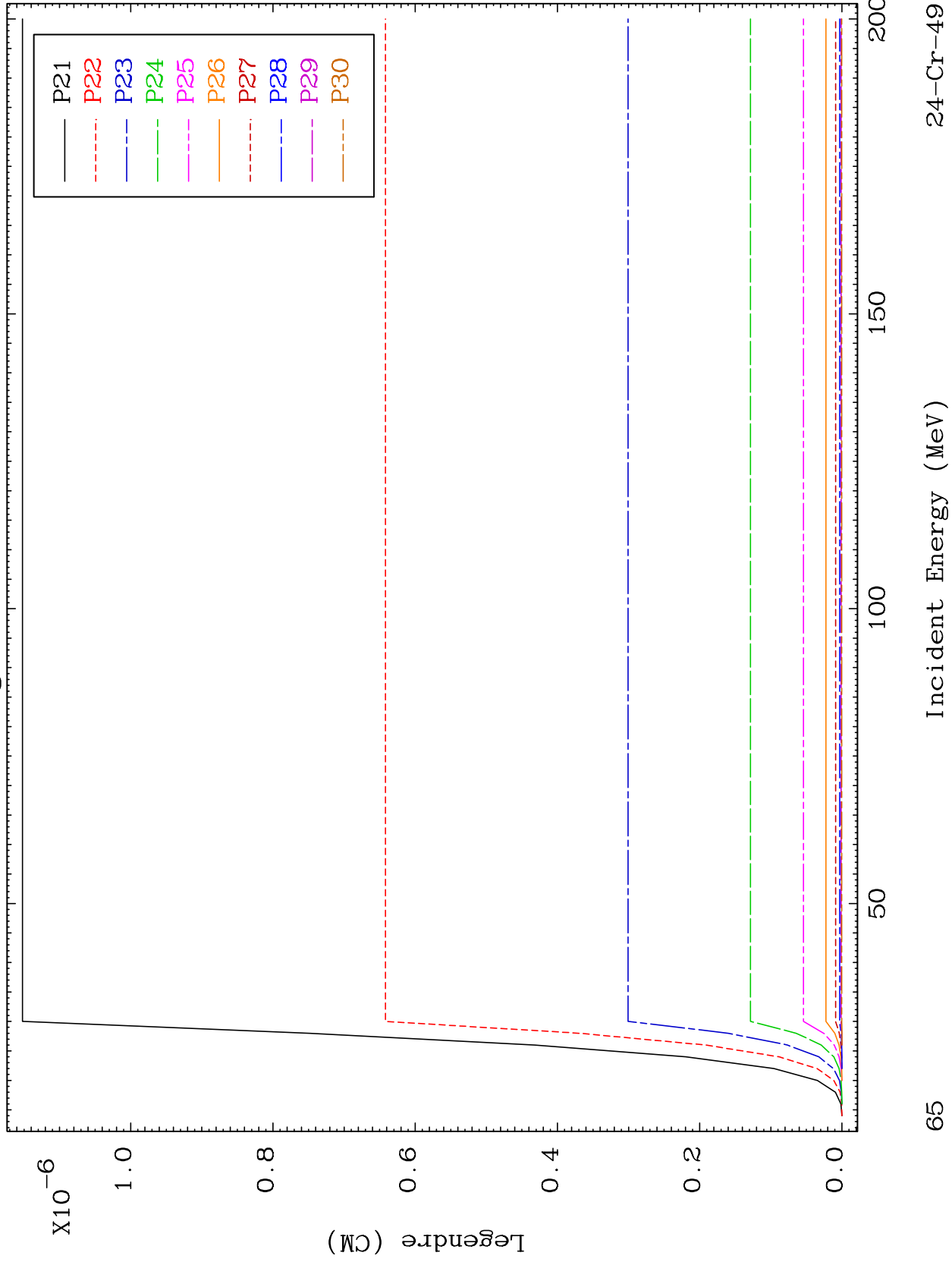
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

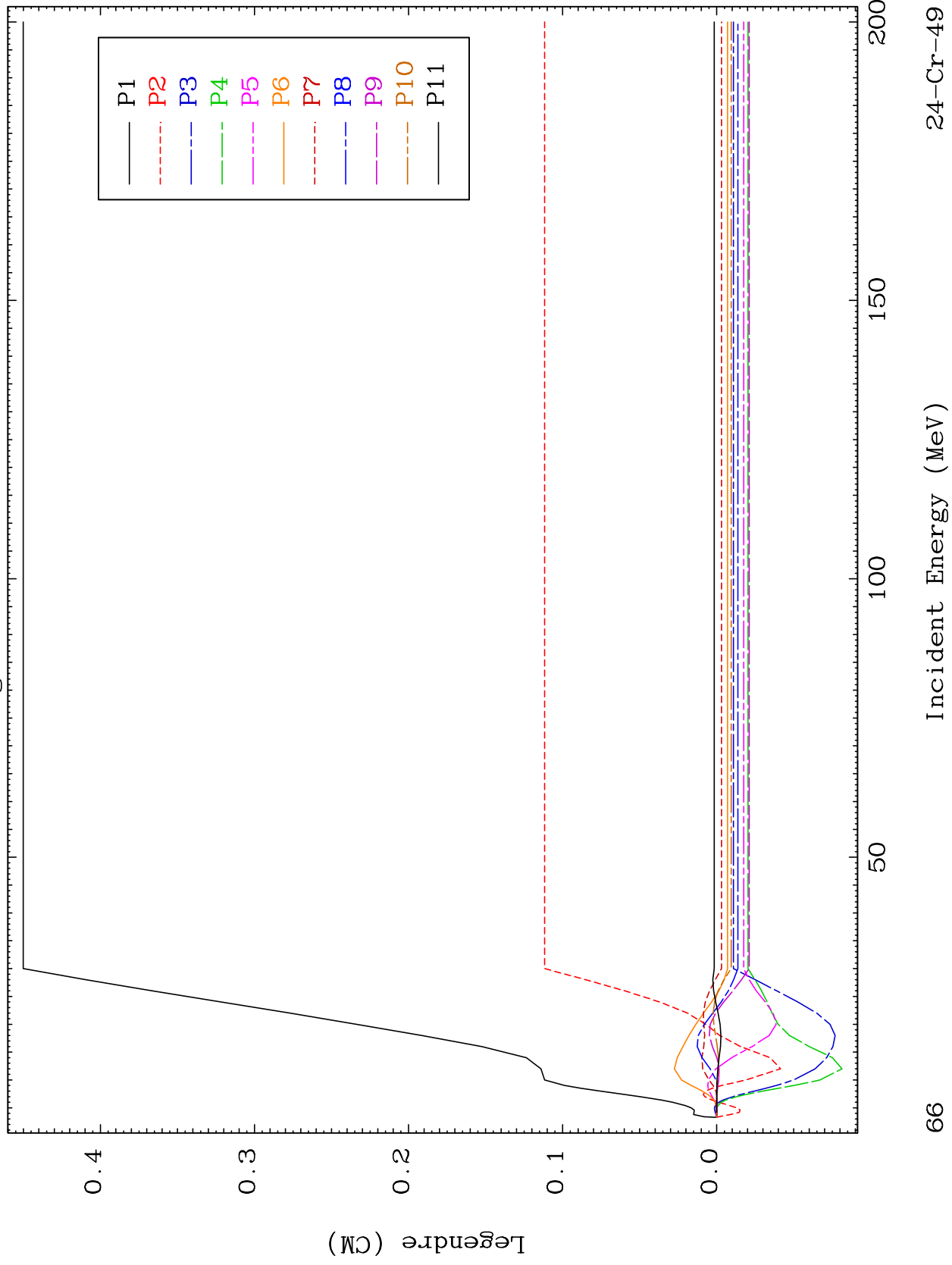
24-Cr-49



MAT 2422

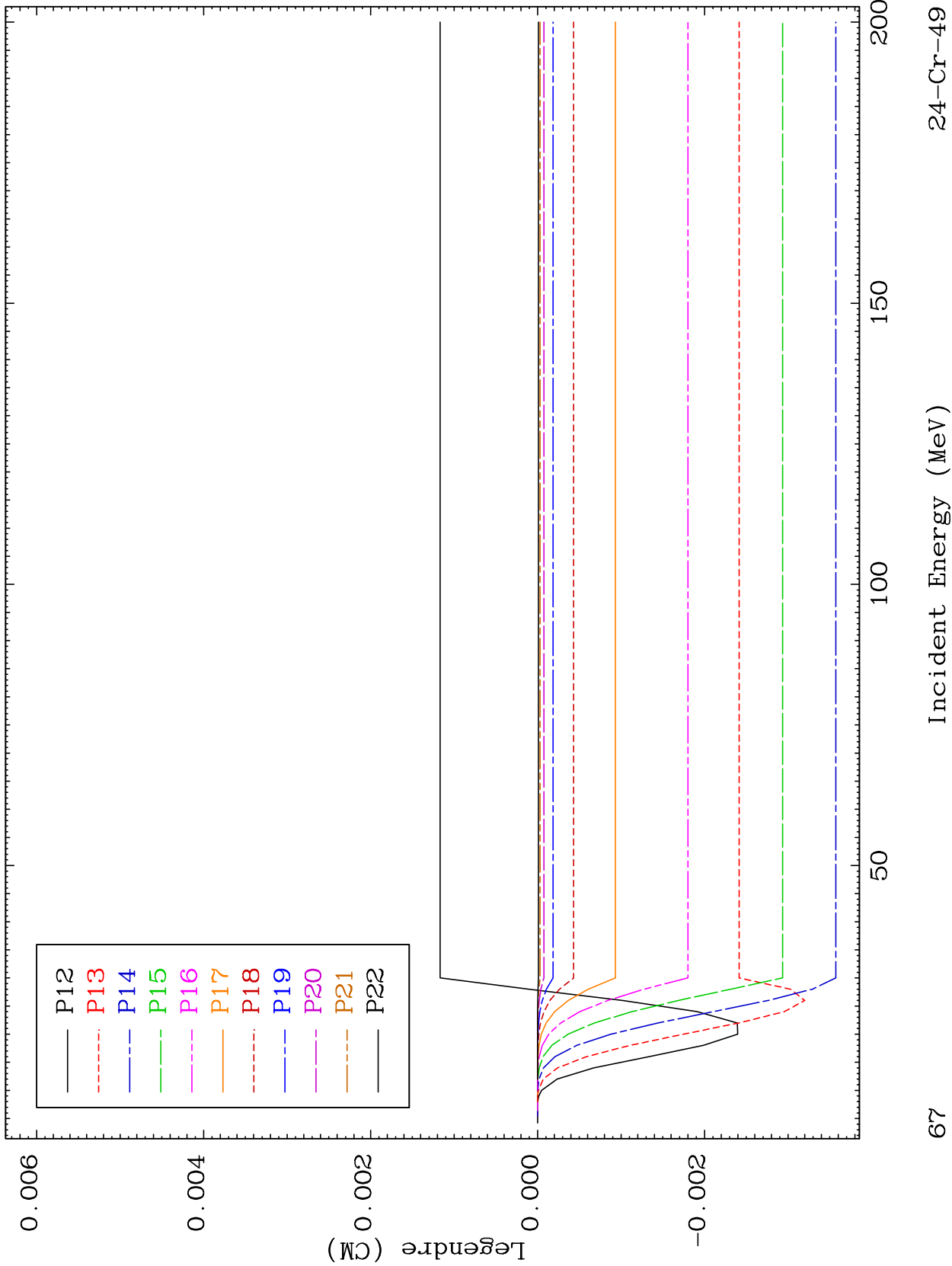
MT= 67 (n,n') Level
Legendre Coefficients

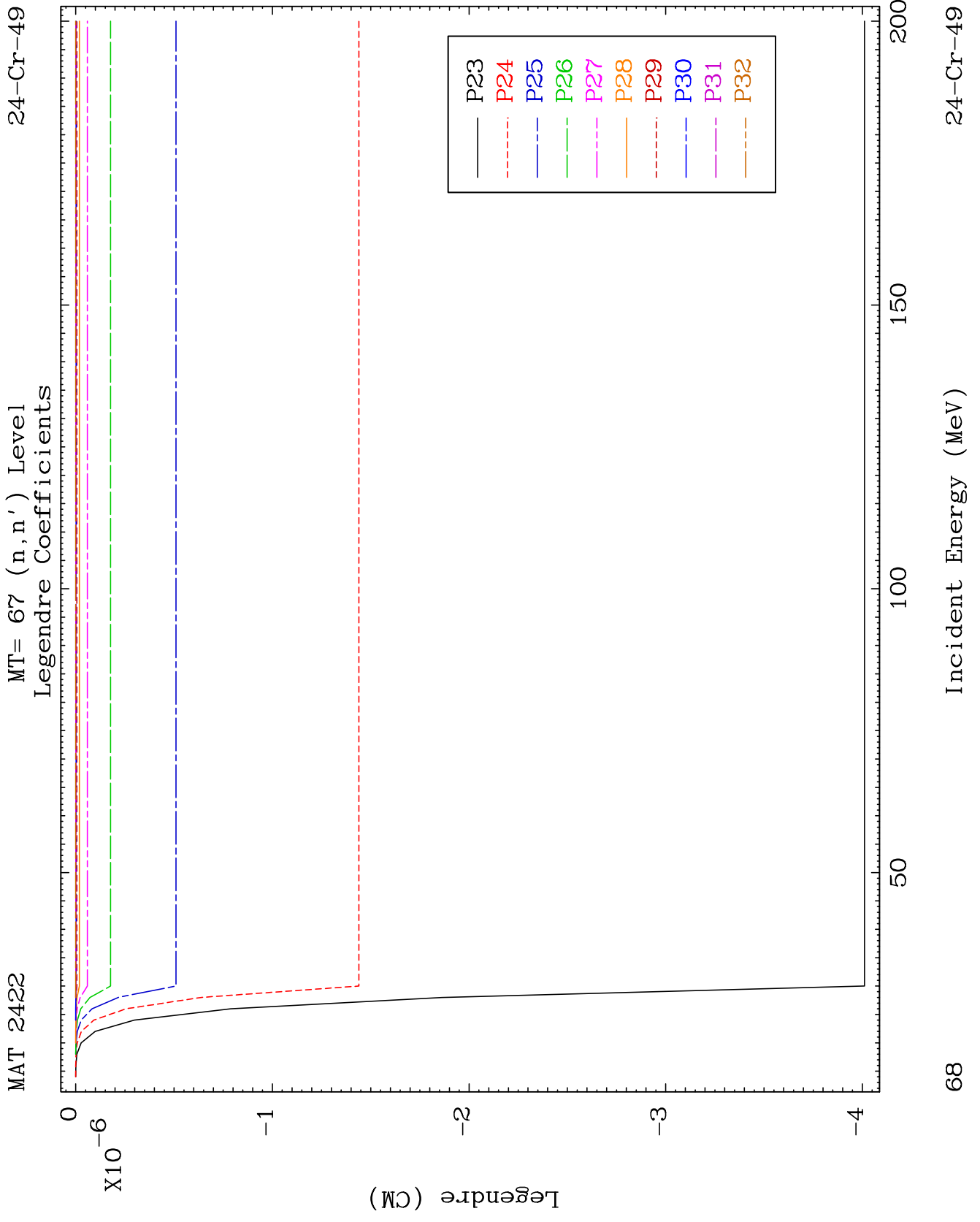
24-Cr-49



66

24-Cr-49

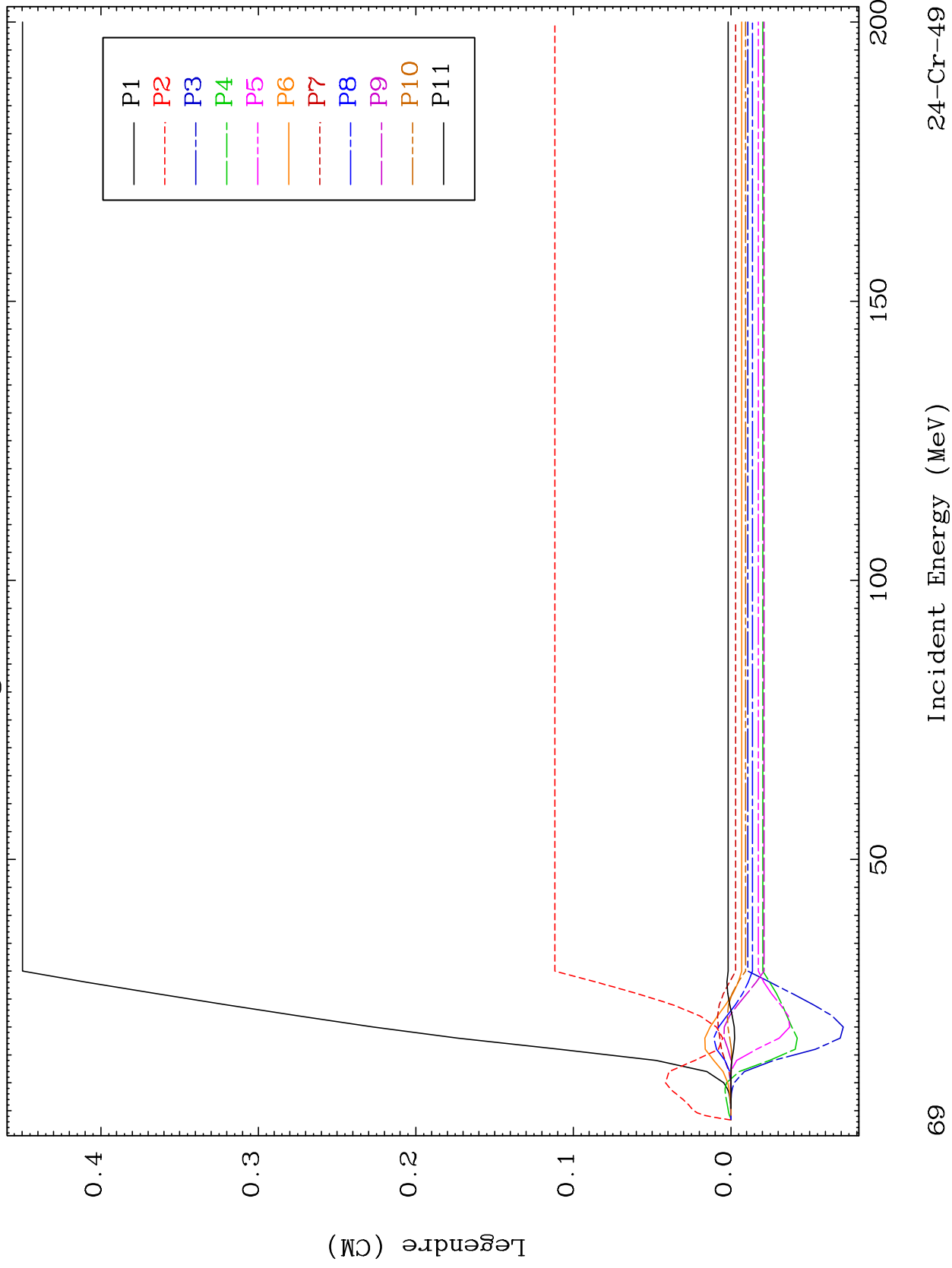




MAT 2422

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

24-Cr-49



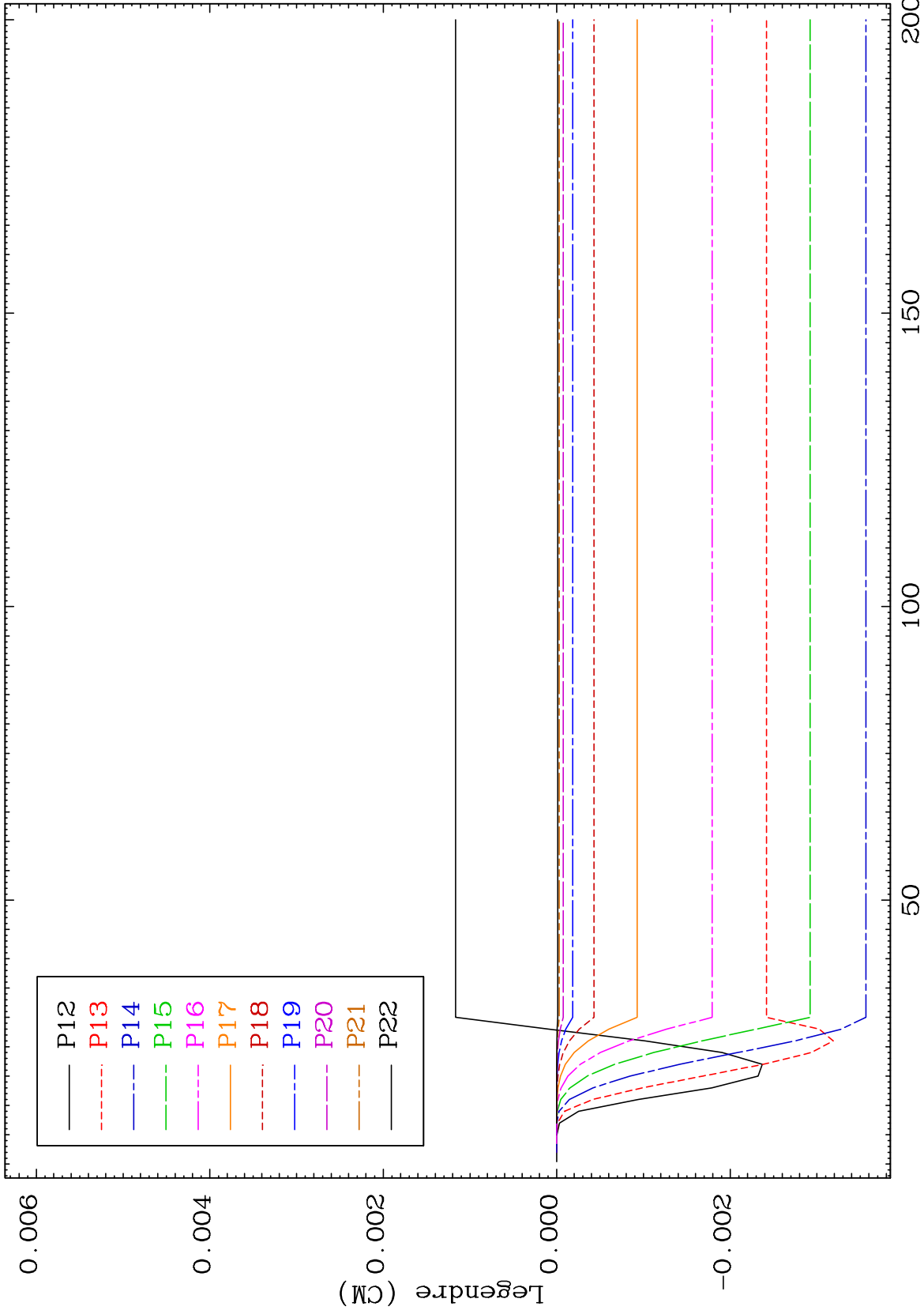
69

24-Cr-49

MAT 2422

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

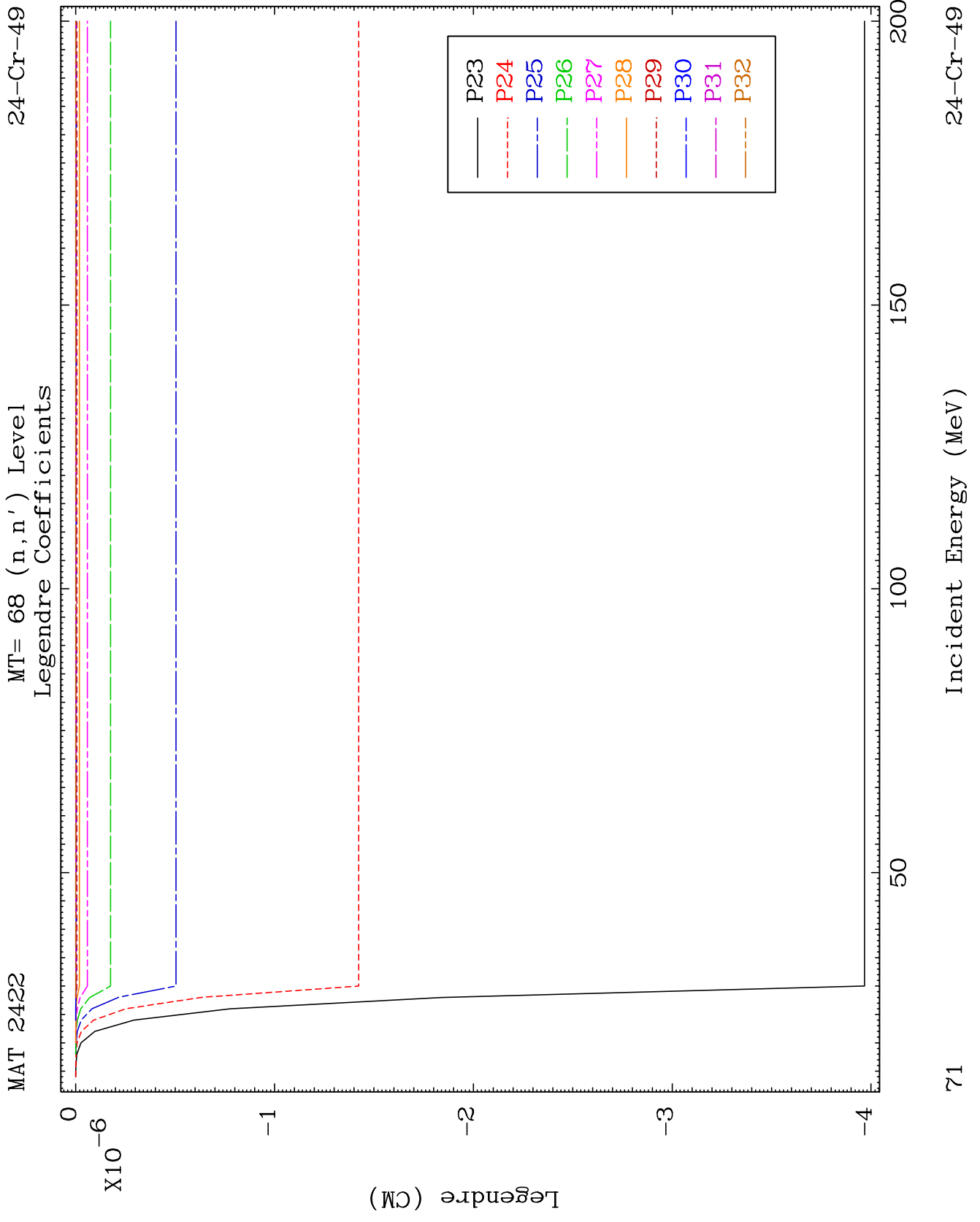
24-Cr-49



70

Incident Energy (MeV)

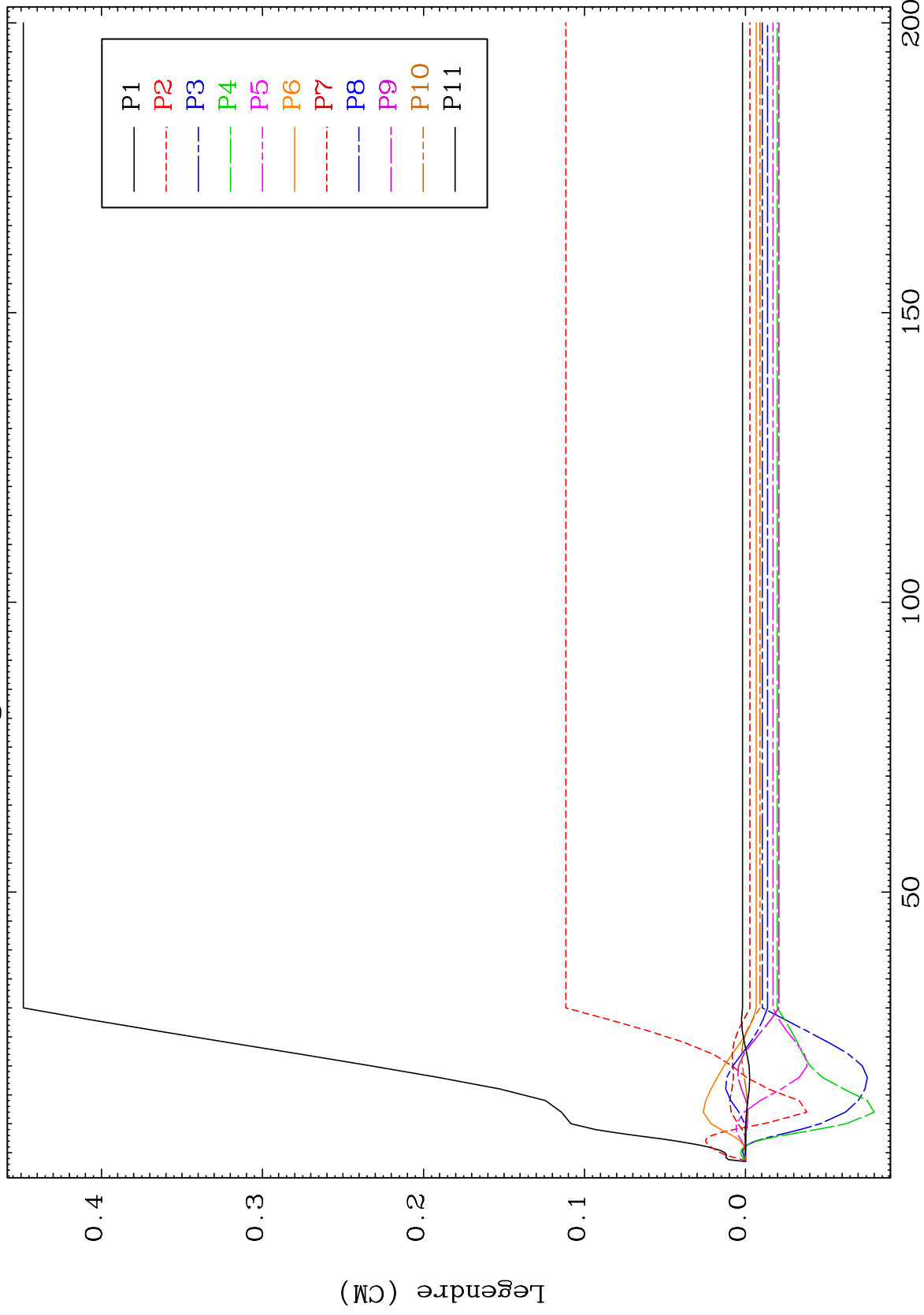
24-Cr-49



MAT 2422

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

24-Cr-49



72

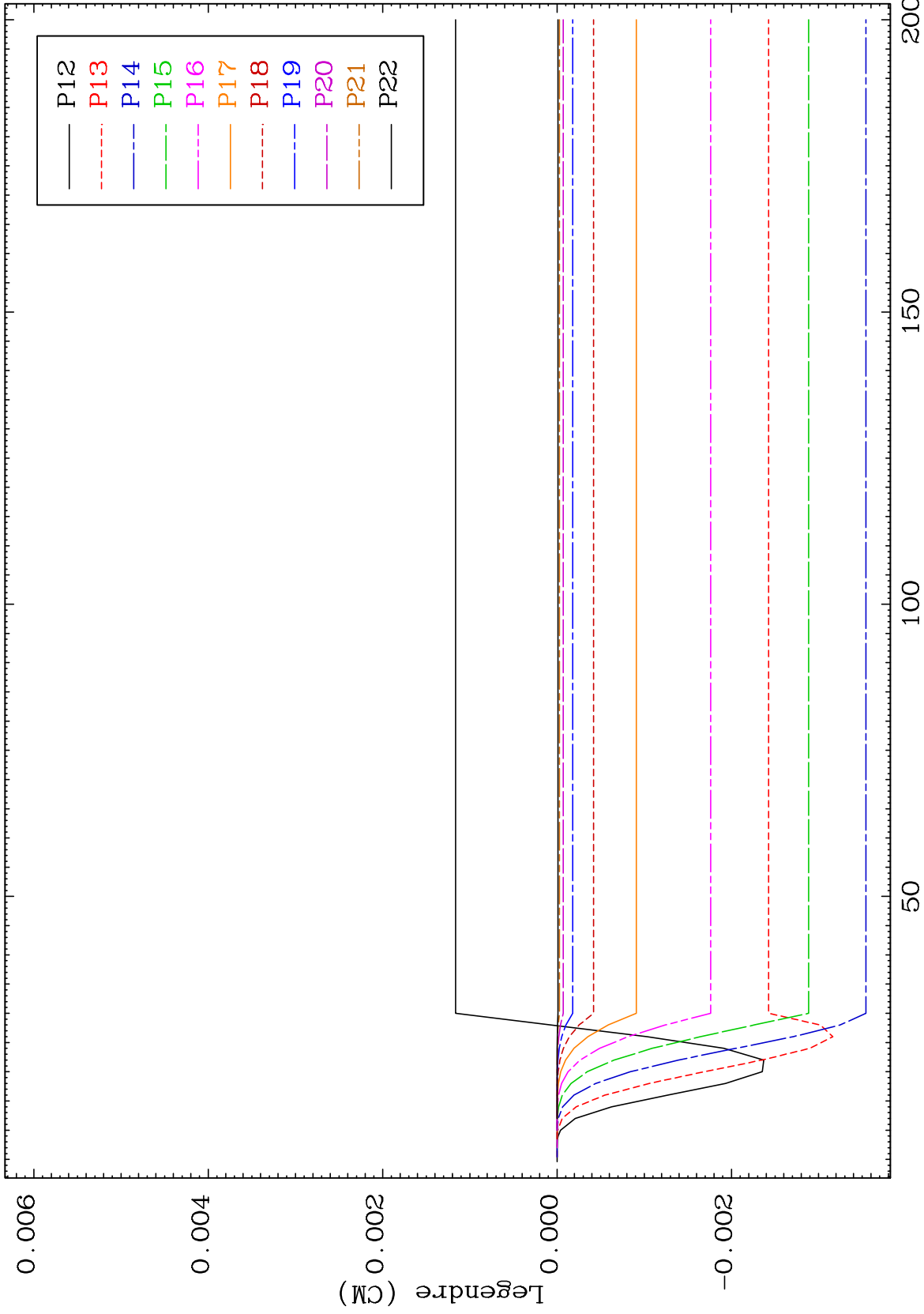
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

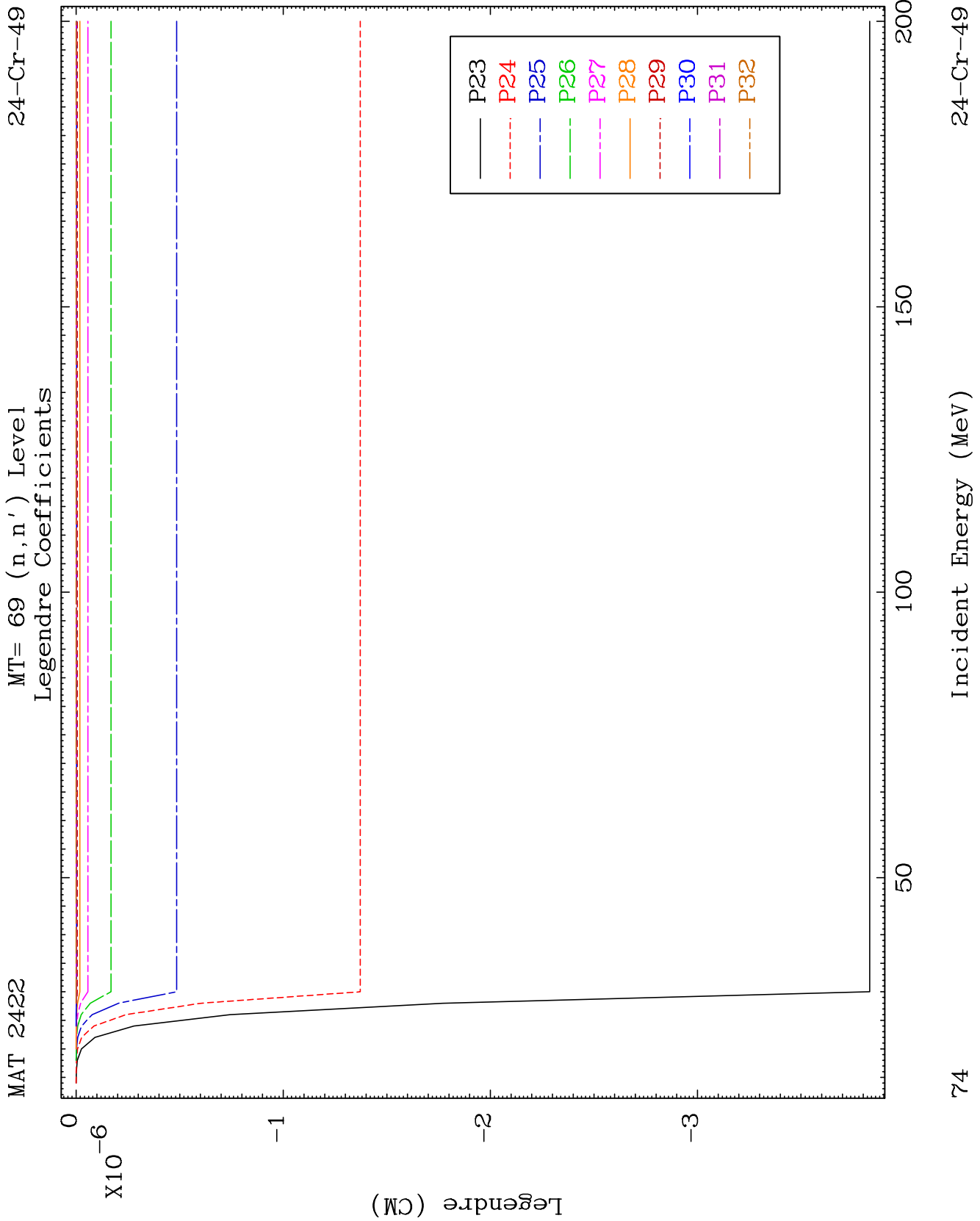
24-Cr-49



73

Incident Energy (MeV)

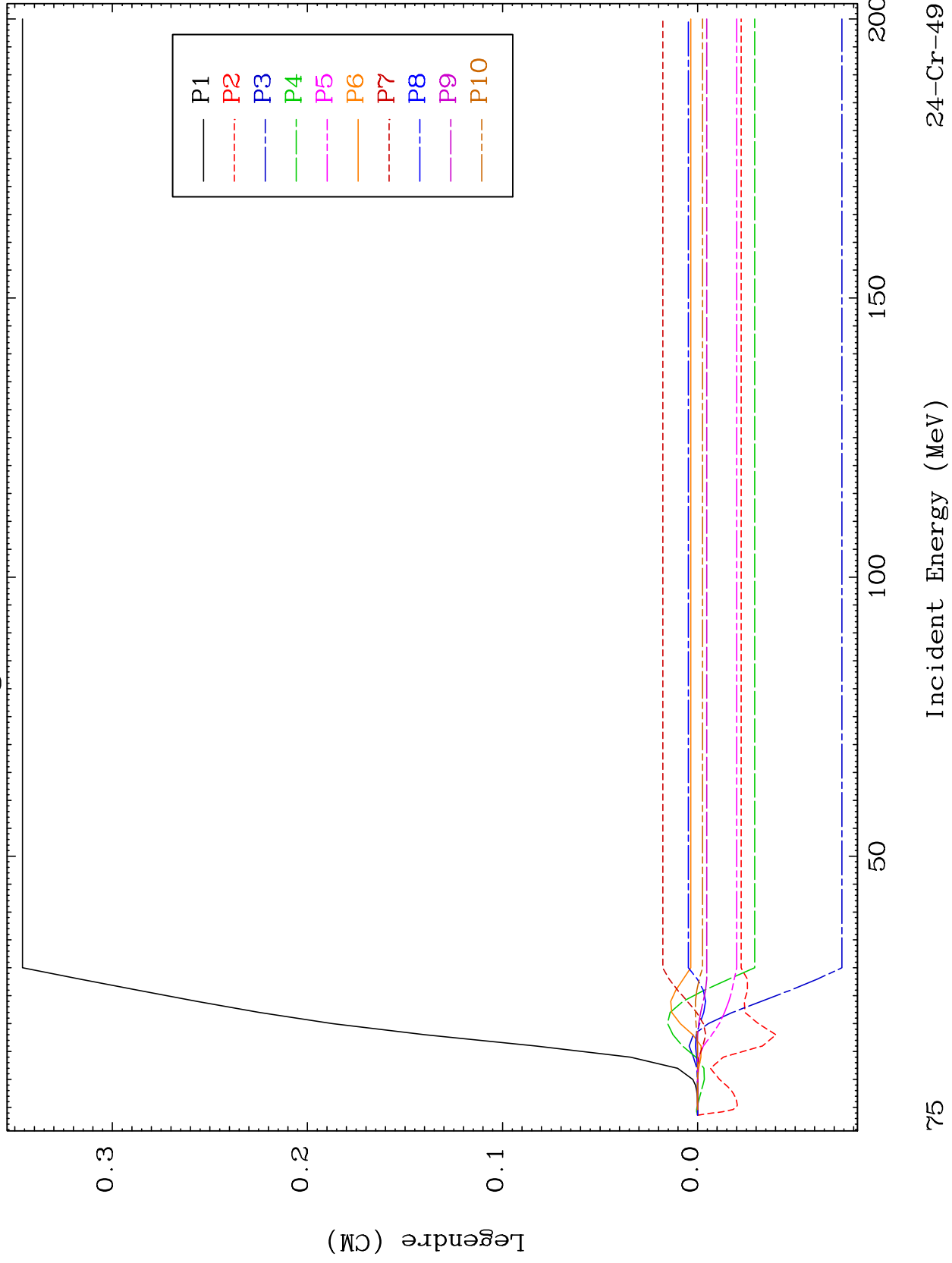
24-Cr-49



MAT 2422

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

24-Cr-49



75

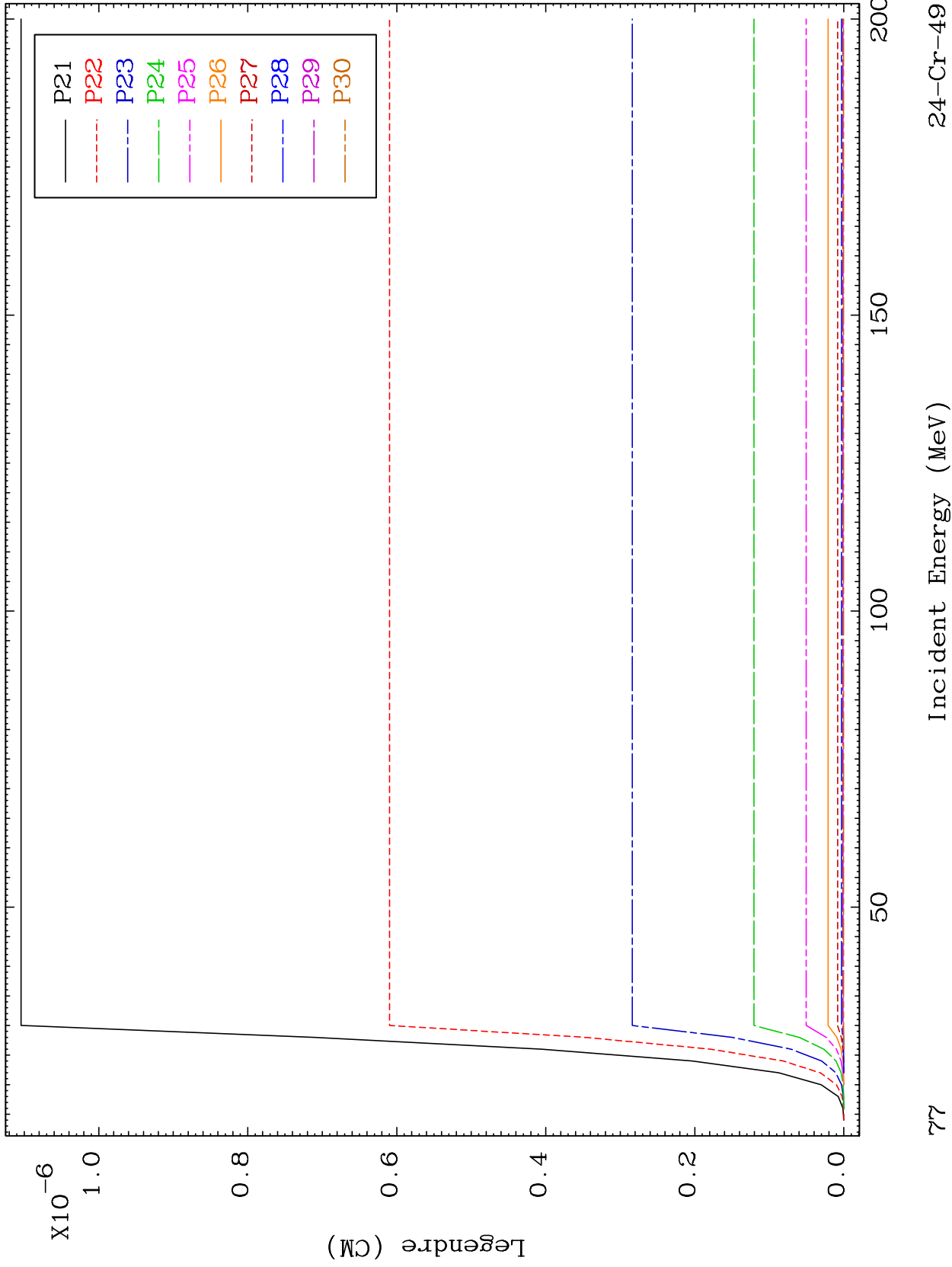
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

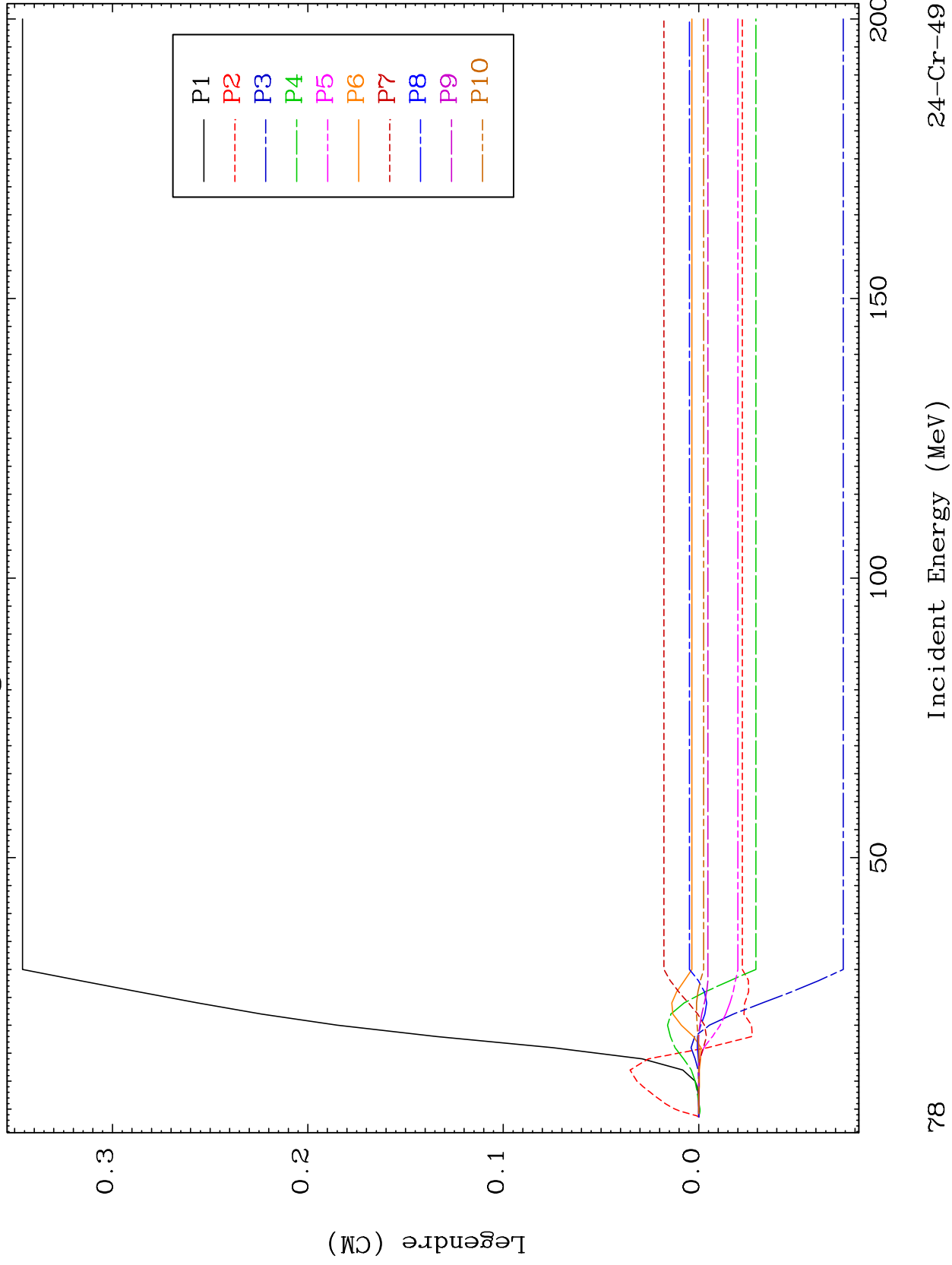
24-Cr-49

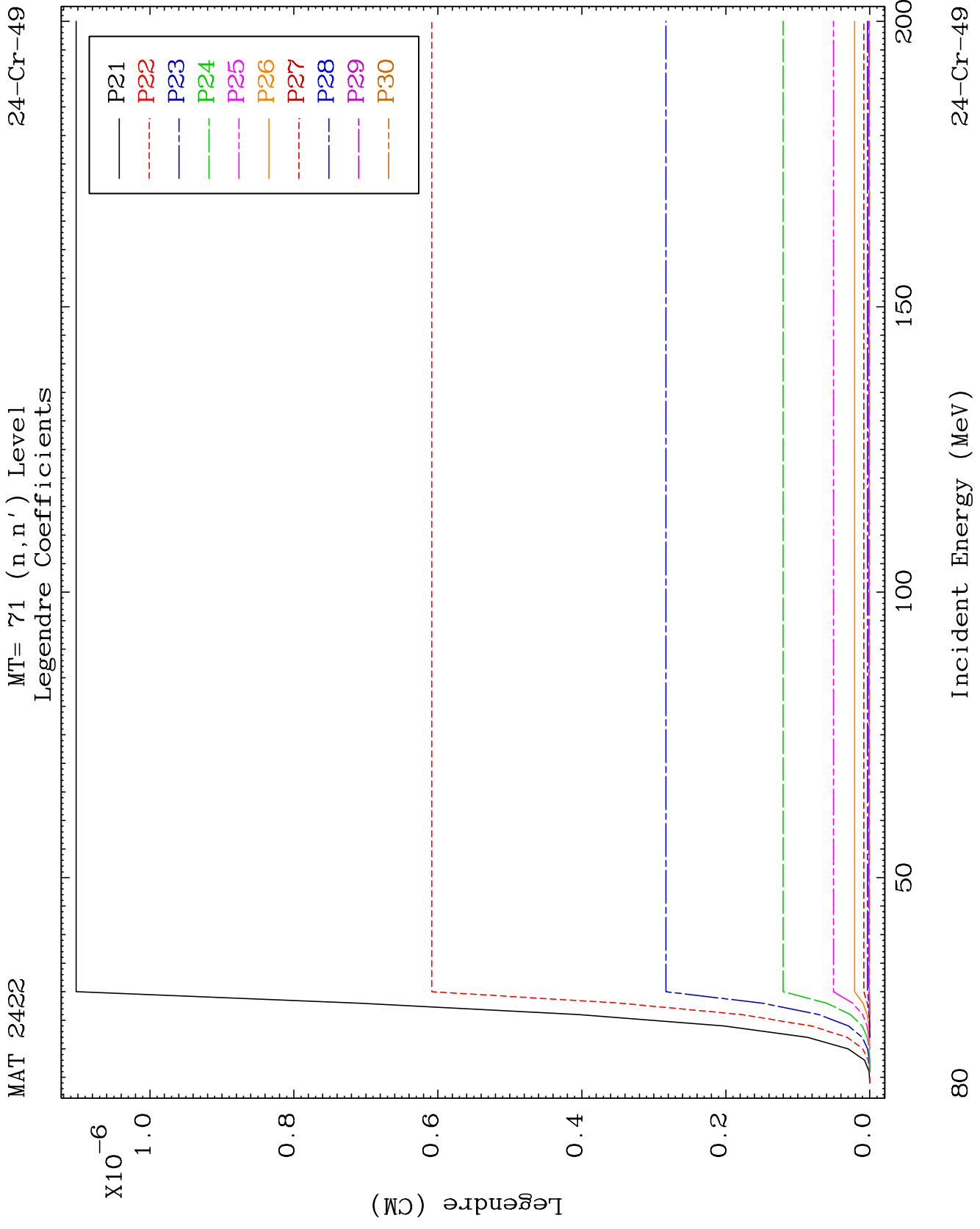


MAT 2422

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

24-Cr-49

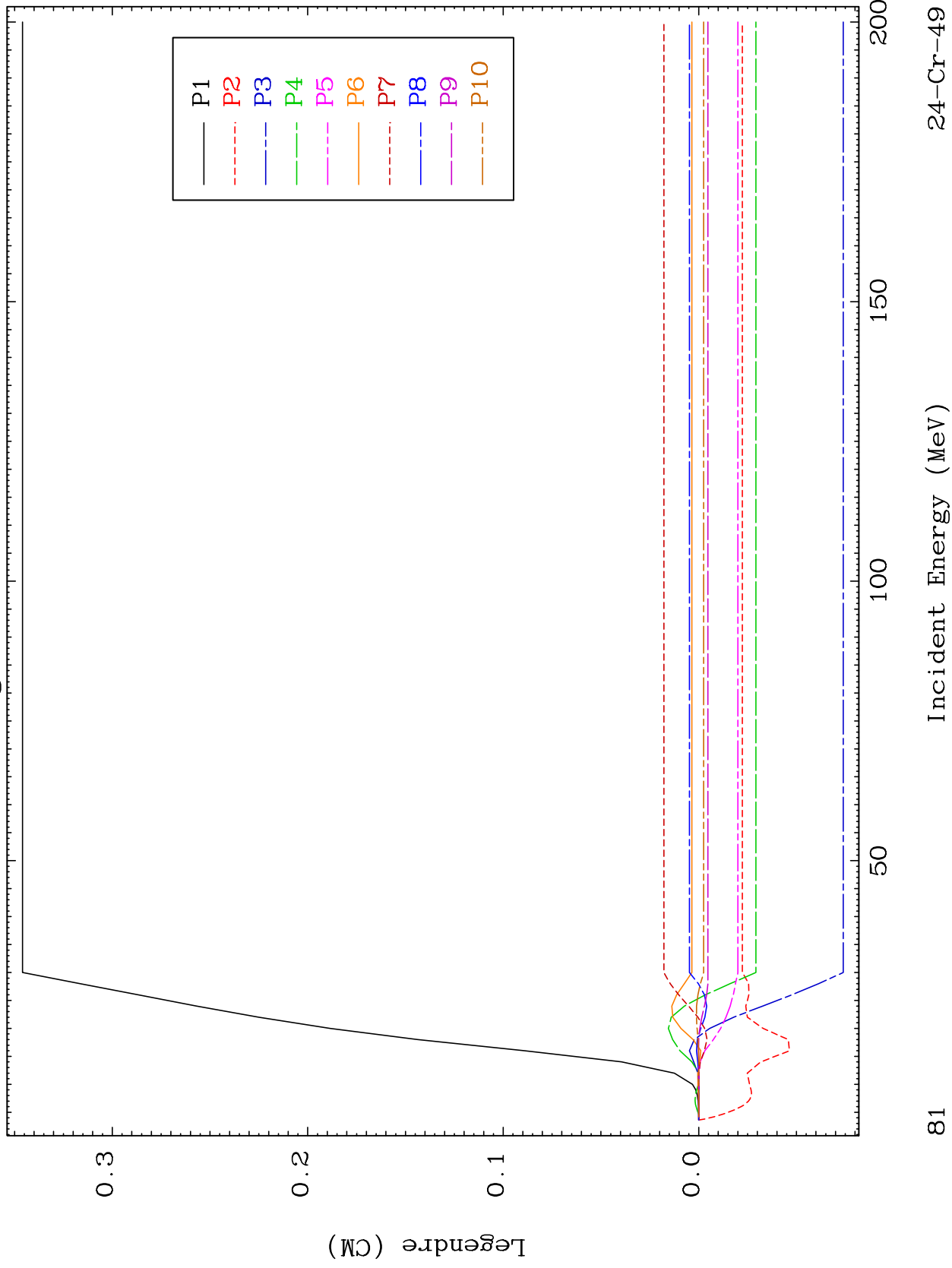




MAT 2422

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

24-Cr-49

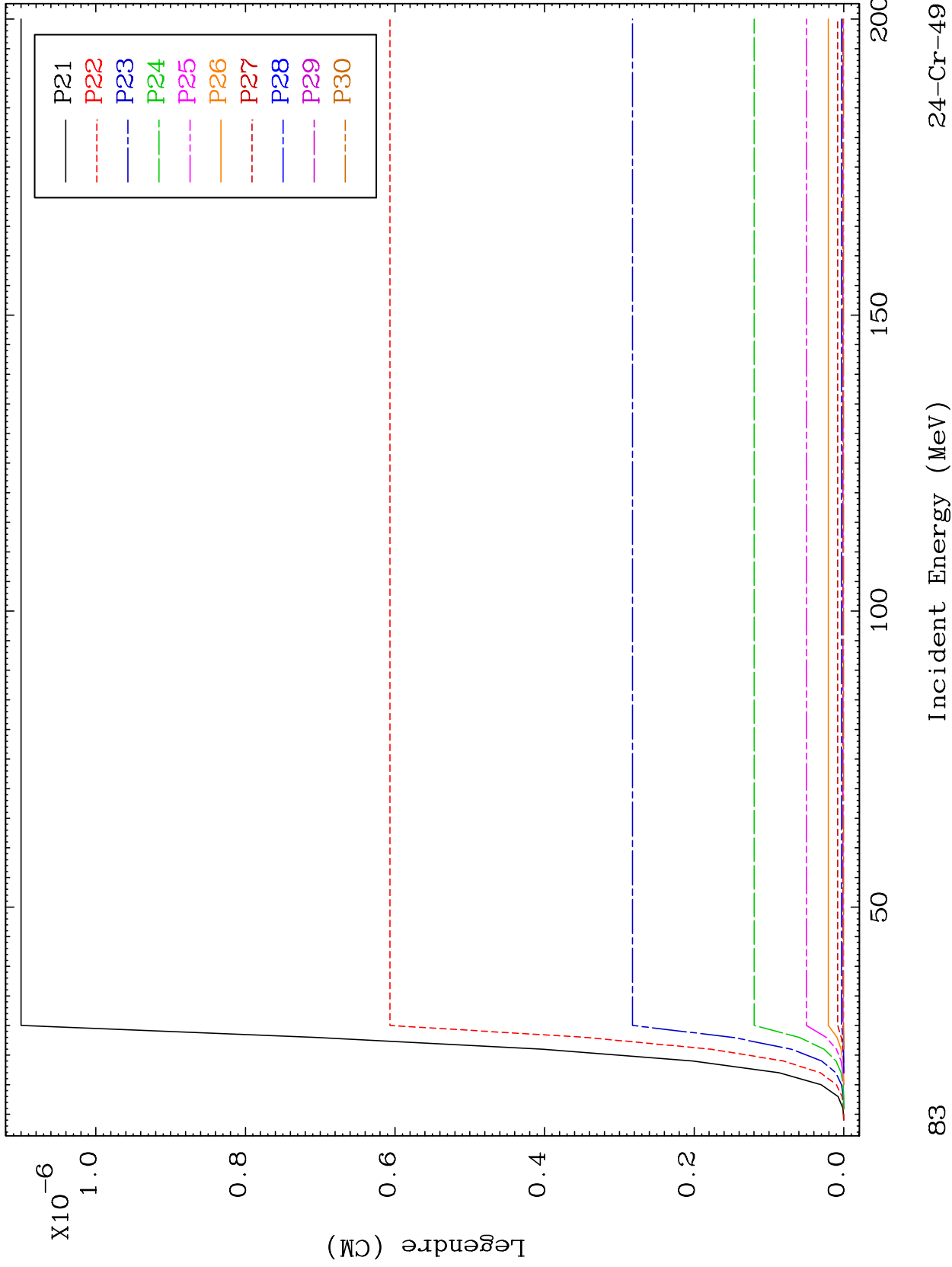


81

MAT 2422

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

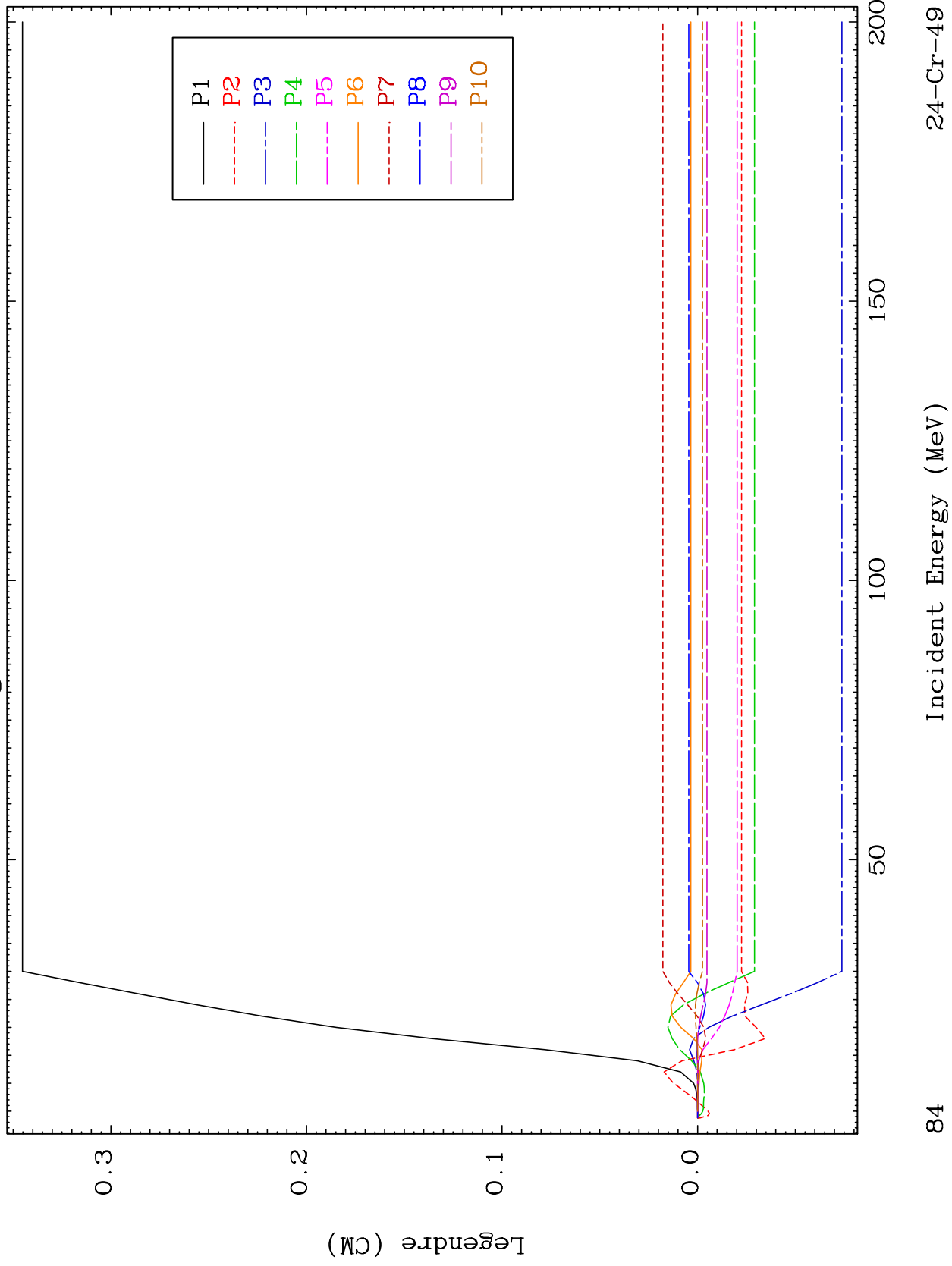
24-Cr-49



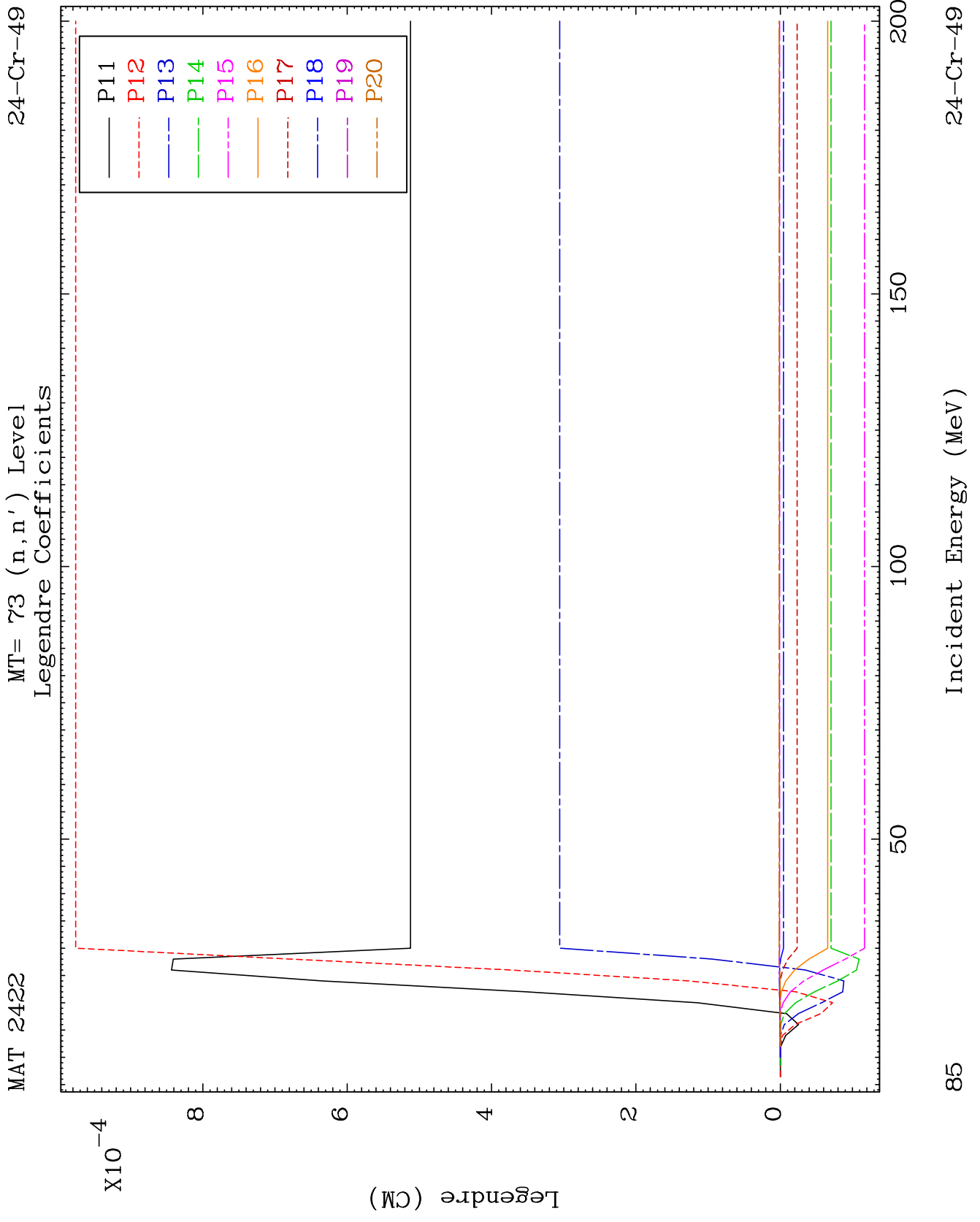
MAT 2422

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

24-Cr-49



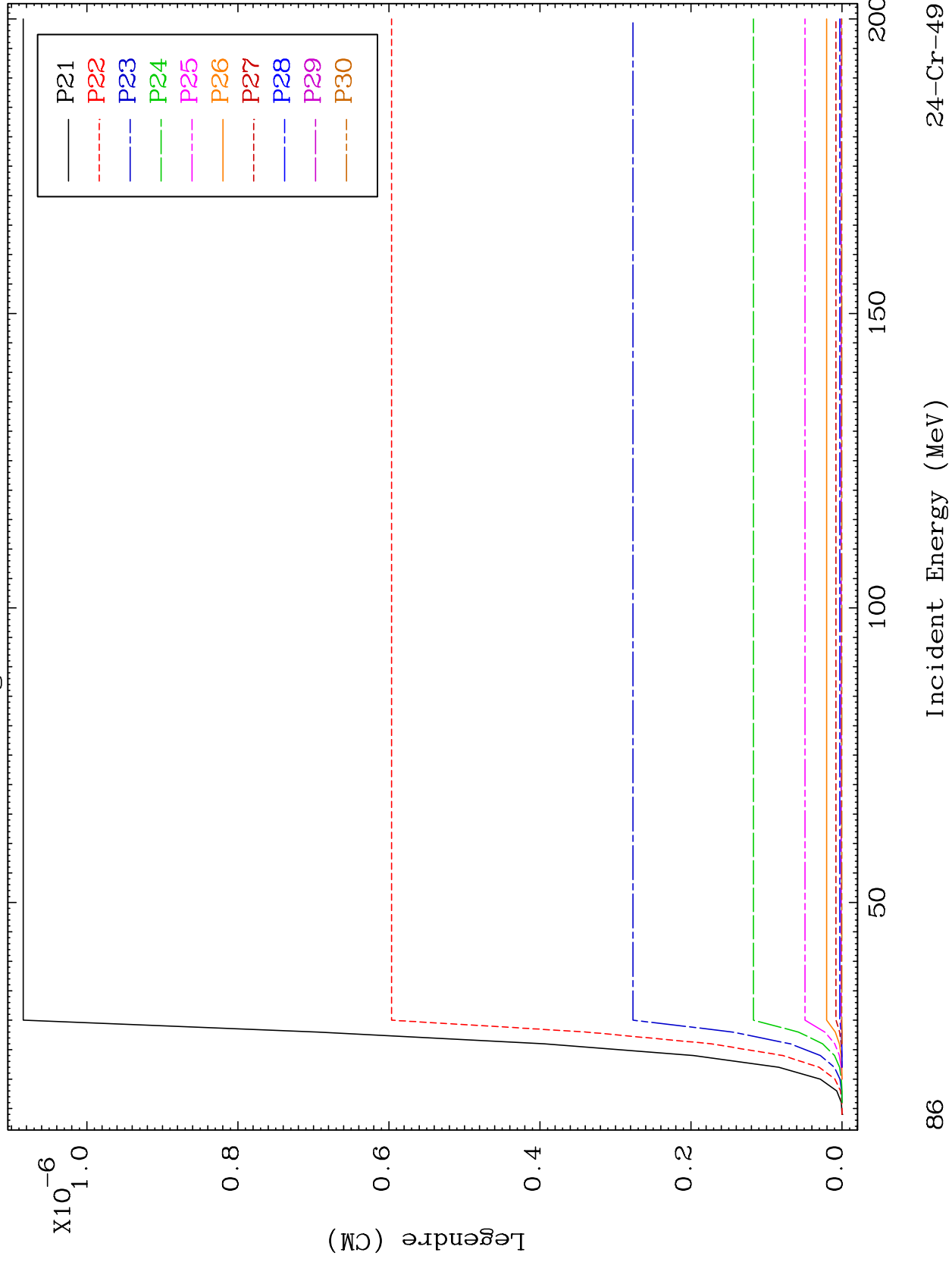
84



MAT 2422

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

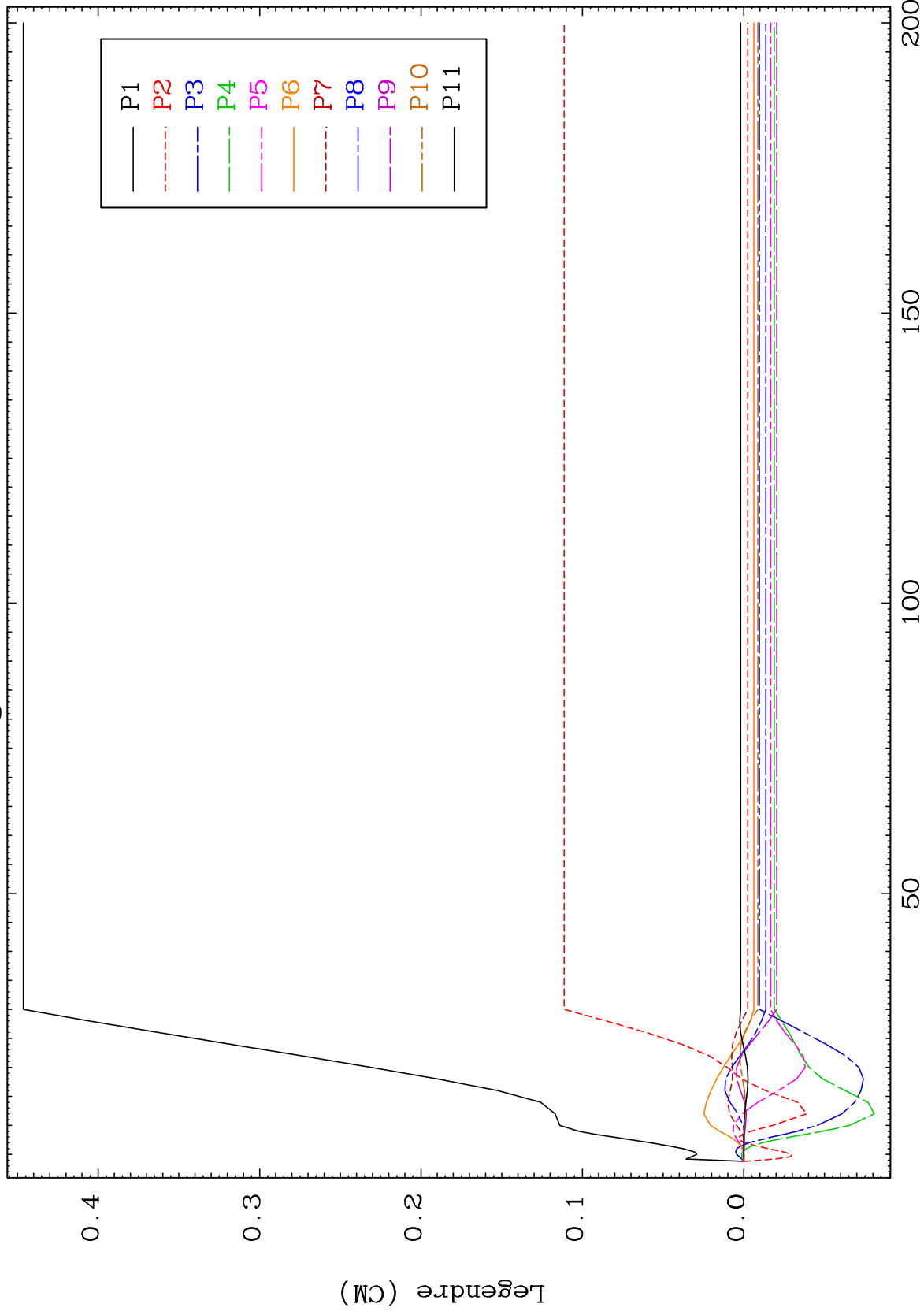
24-Cr-49



MAT 2422

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

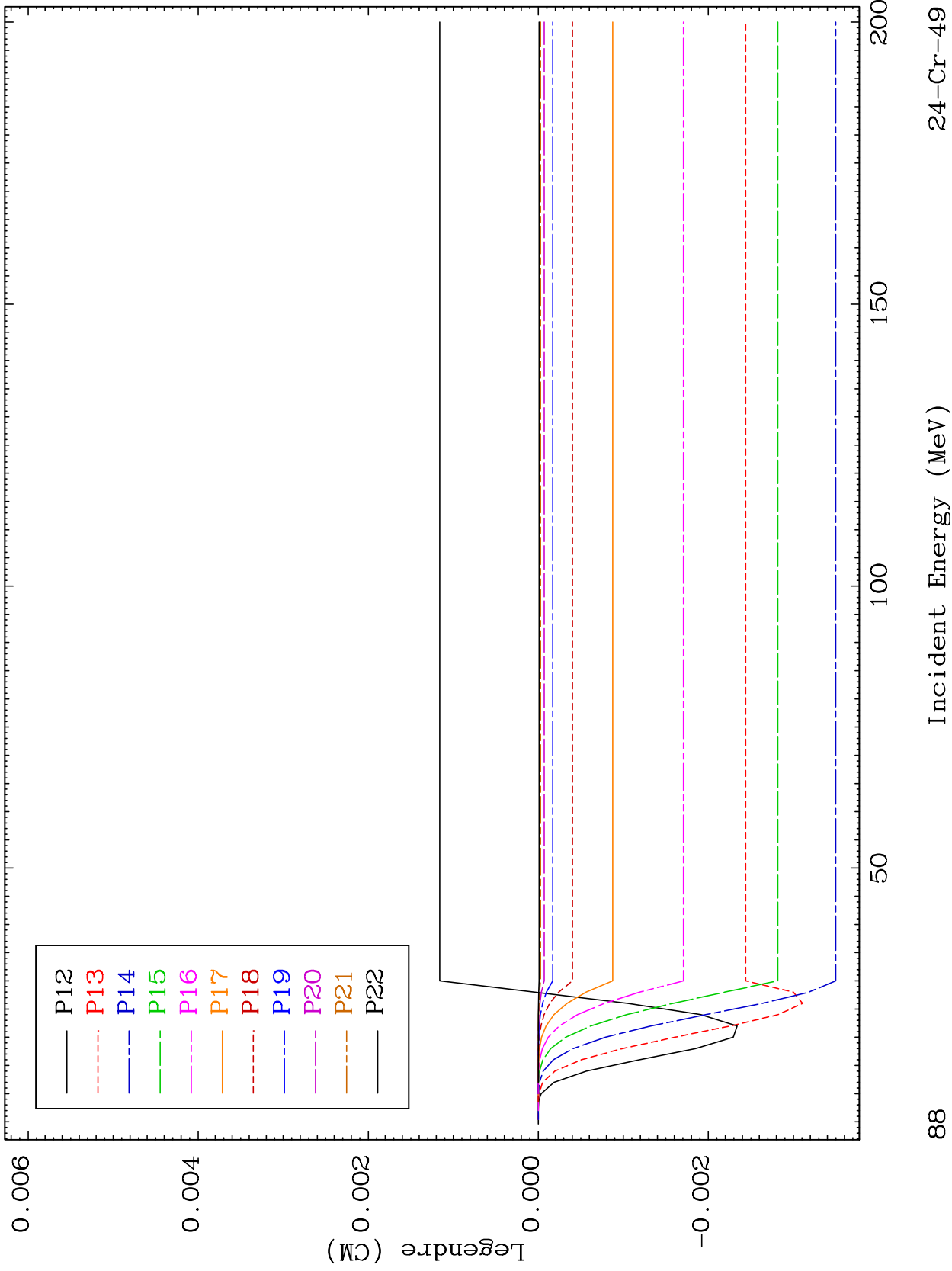
24-Cr-49

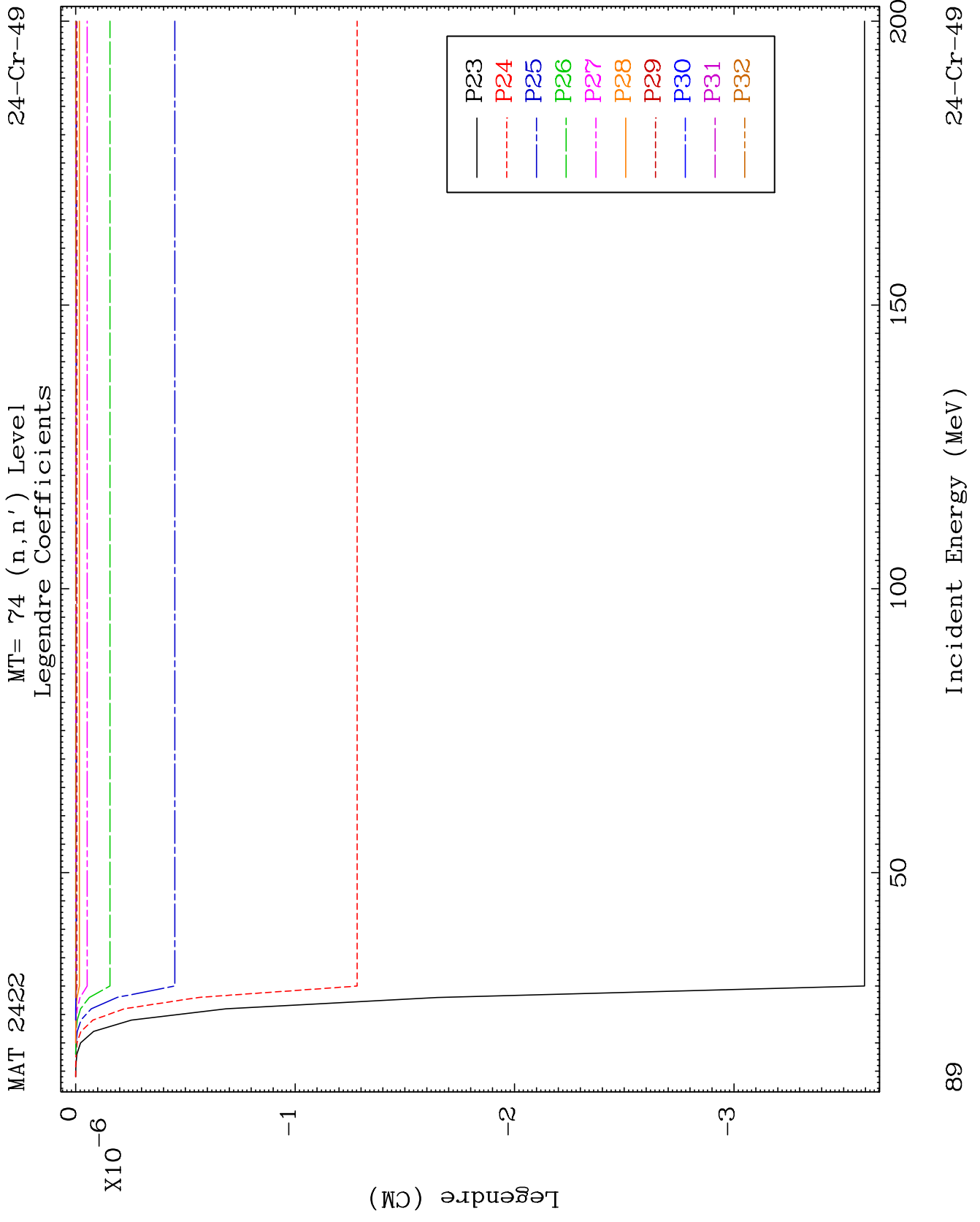


87

Incident Energy (MeV)

24-Cr-49

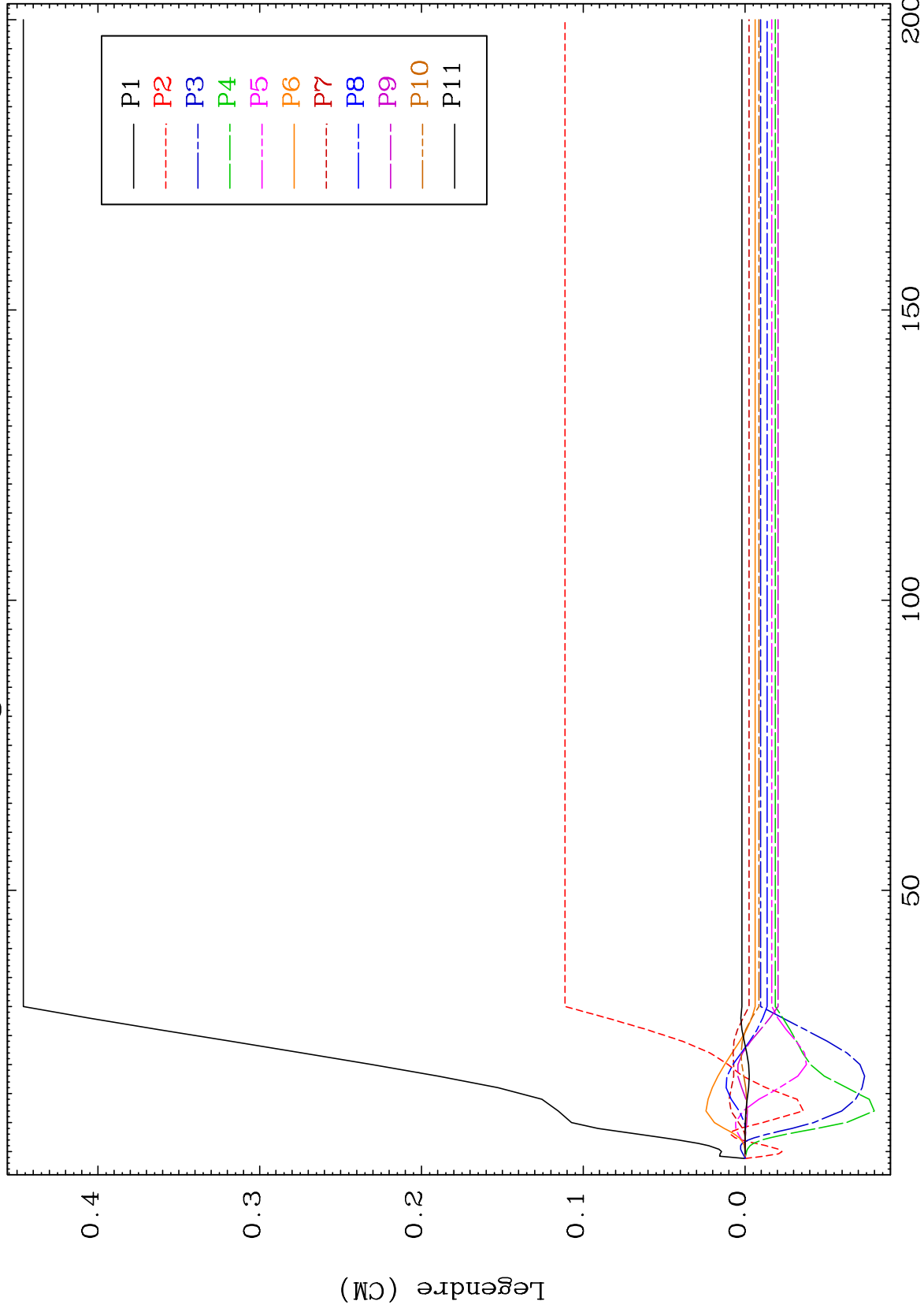




MAT 2422

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

24-Cr-49



90

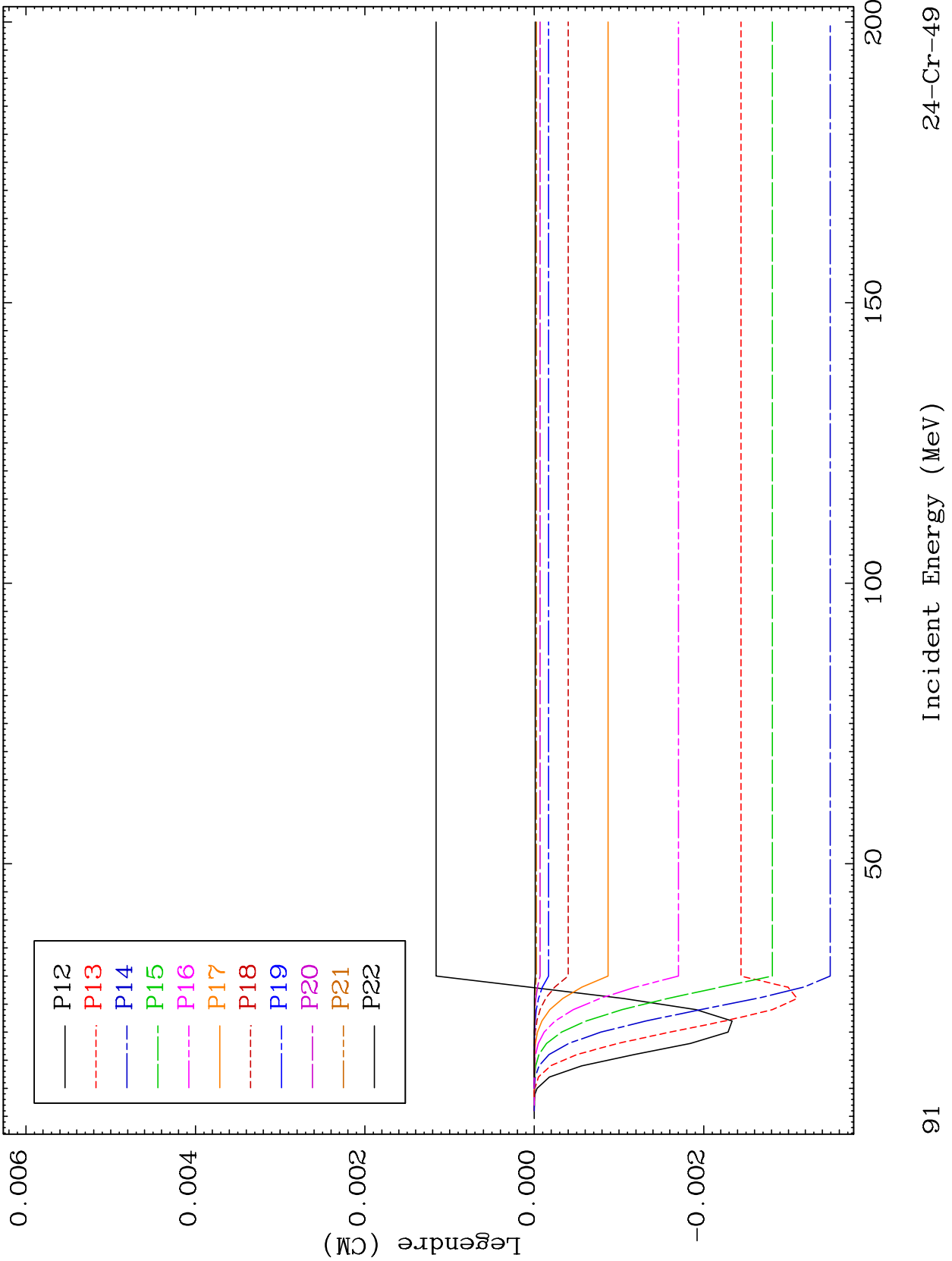
Incident Energy (MeV)

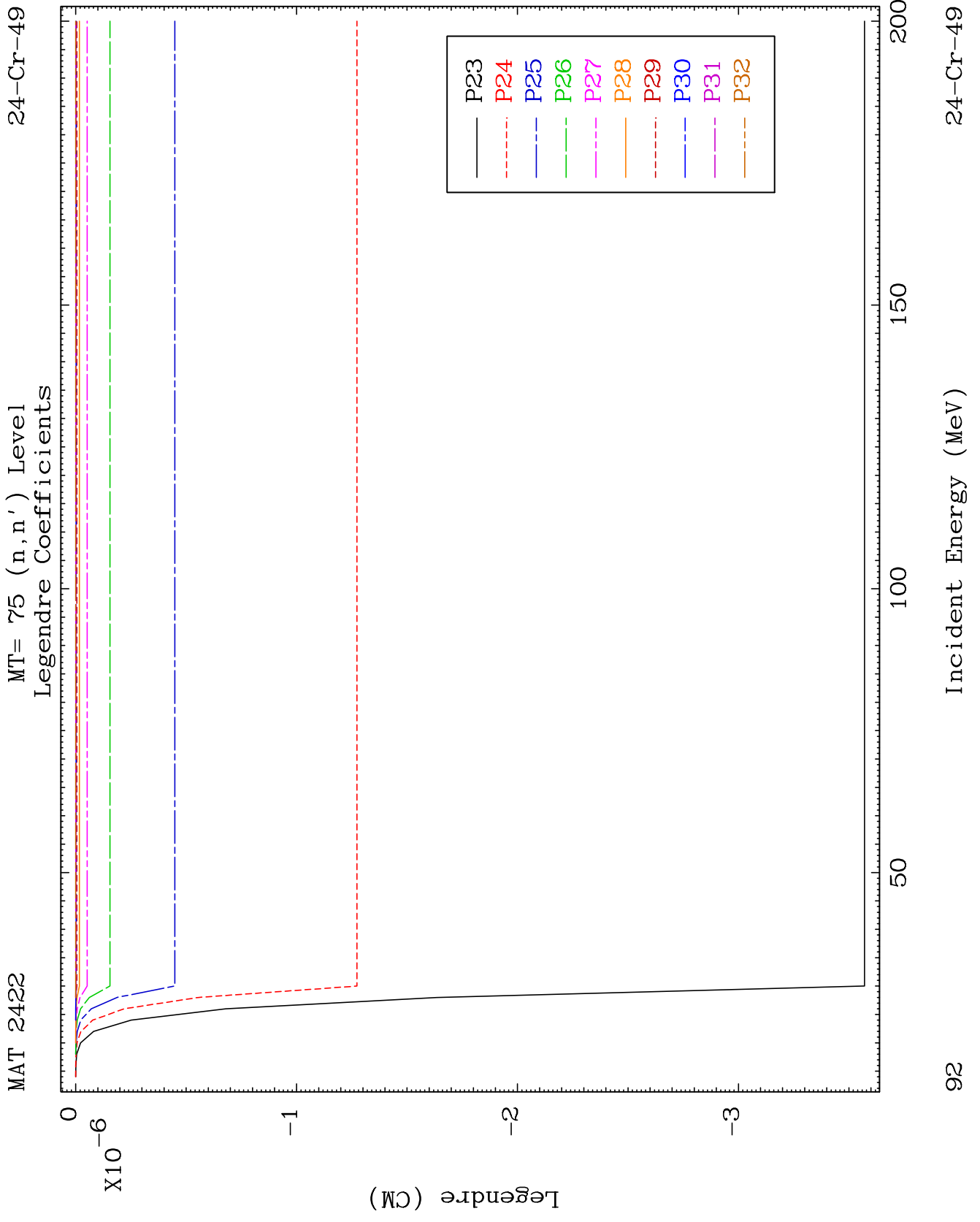
24-Cr-49

MAT 2422

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

24-Cr-49

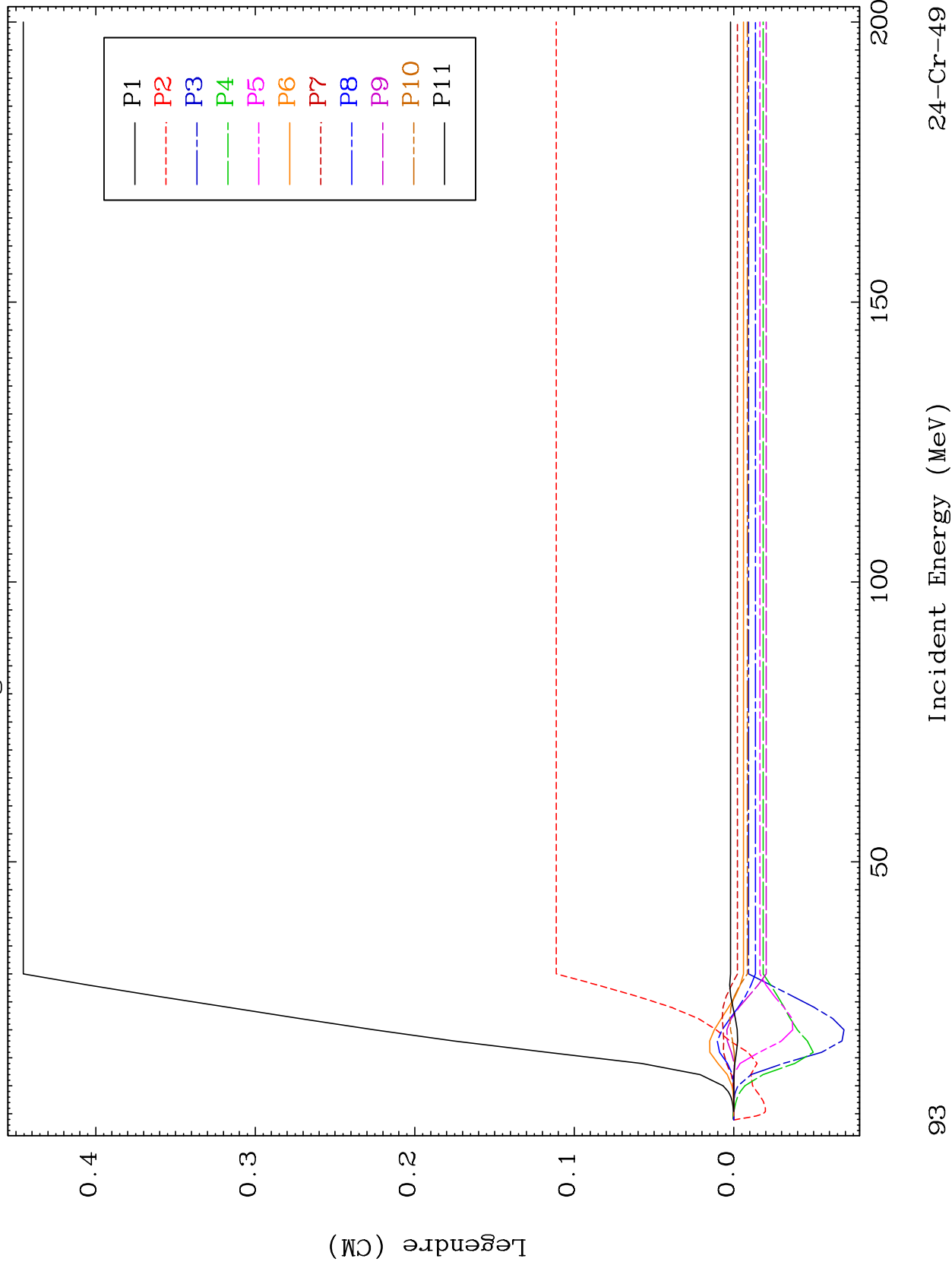


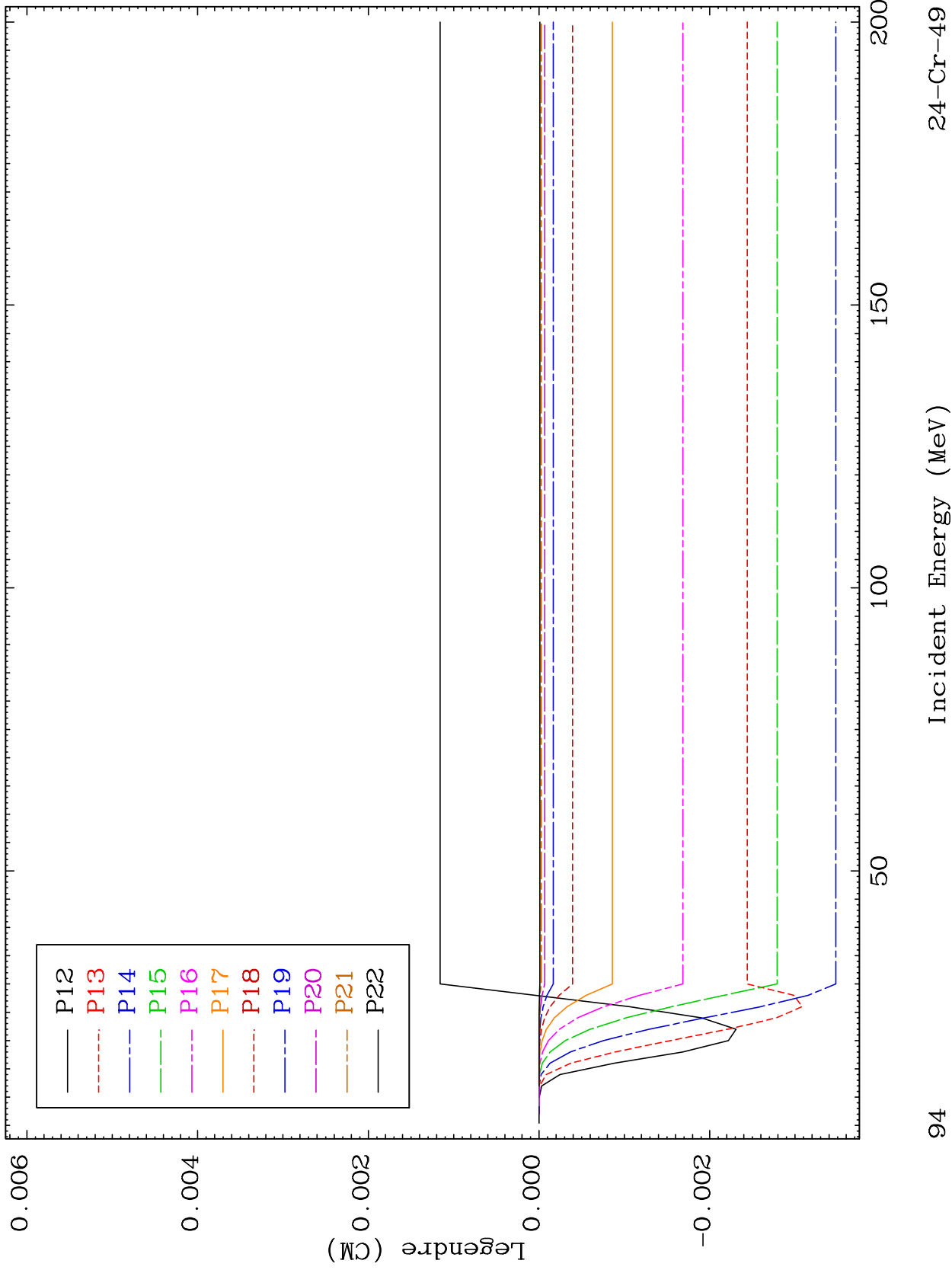


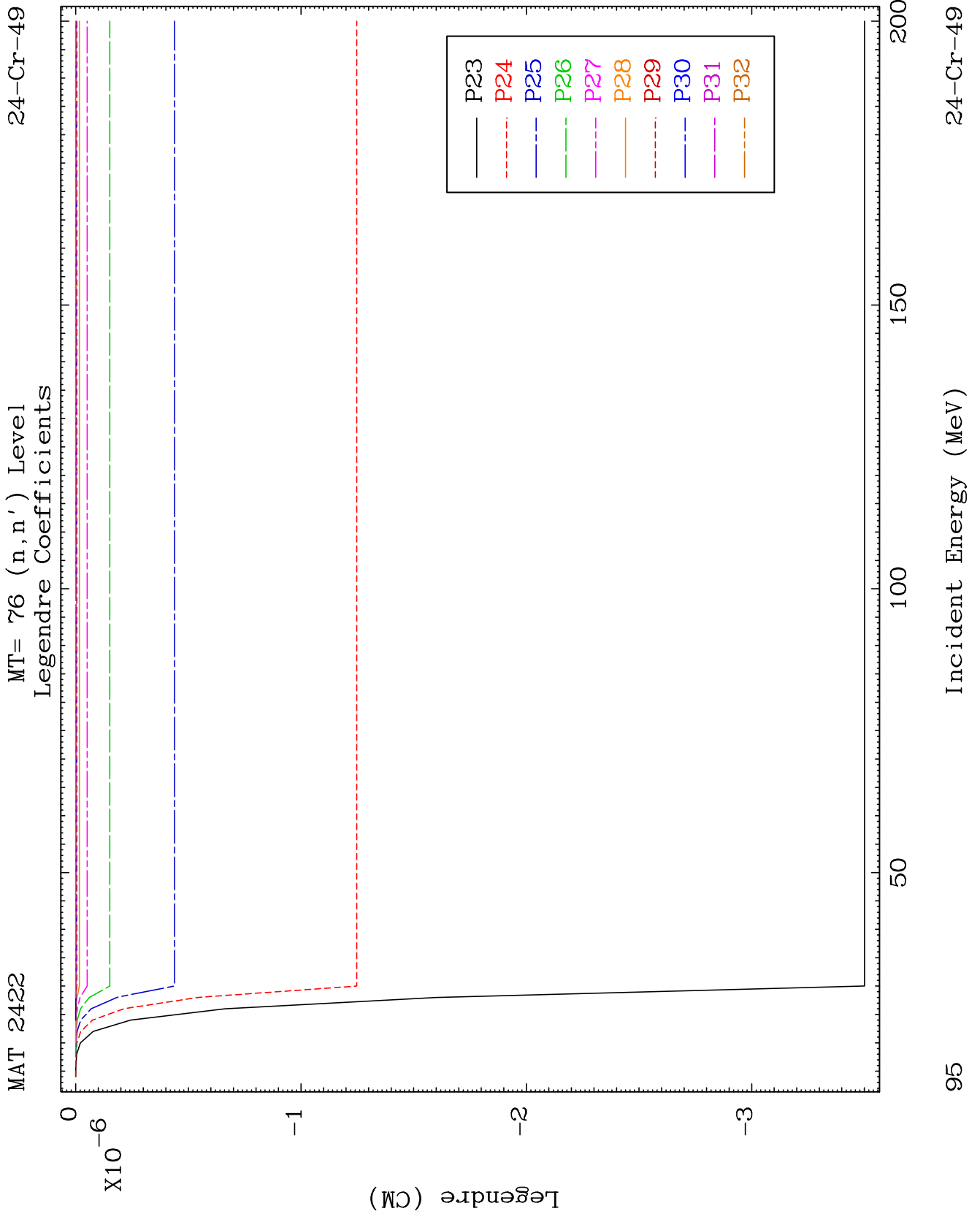
MAT 2422

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

24-Cr-49



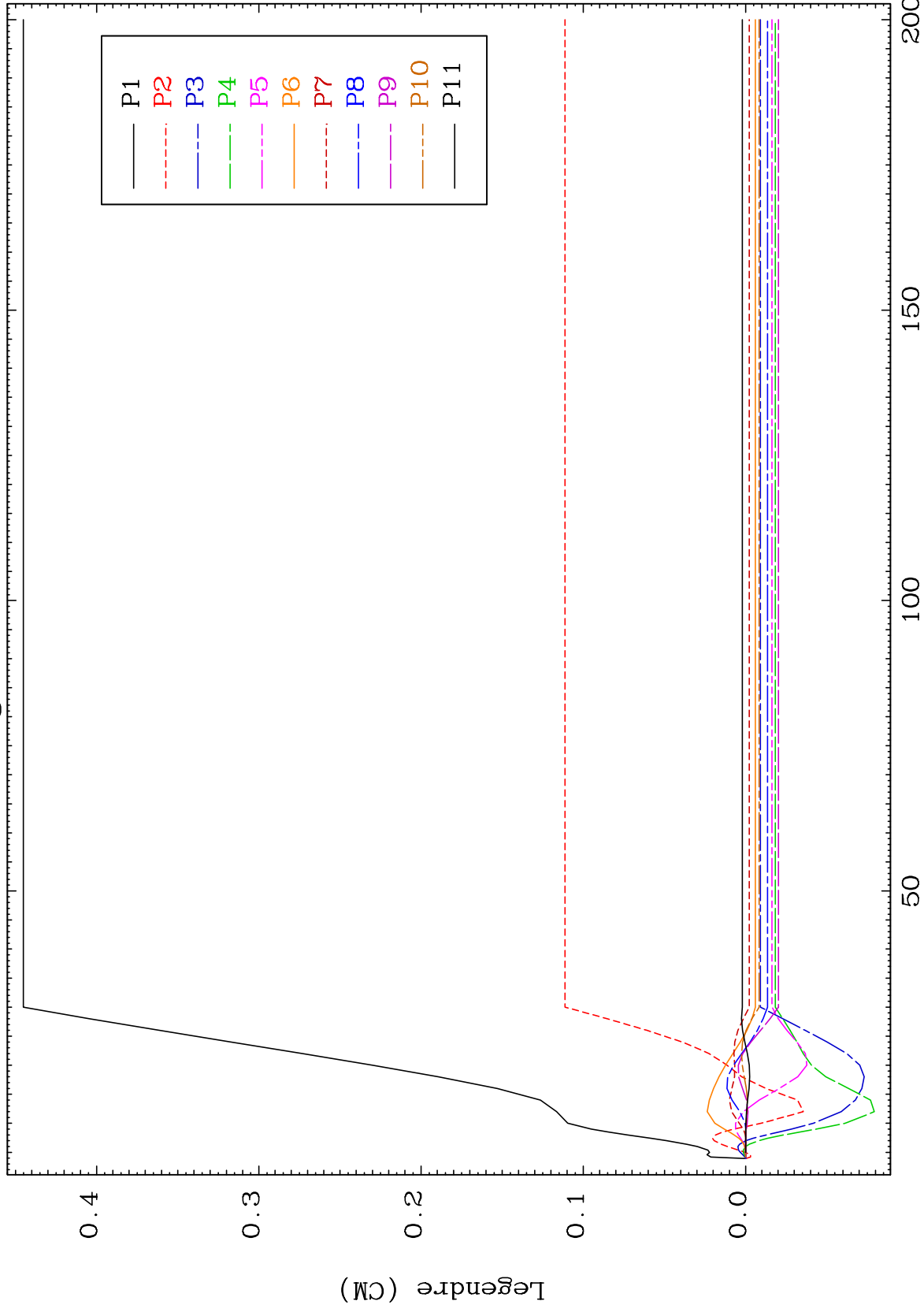




MAT 2422

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

24-Cr-49



96

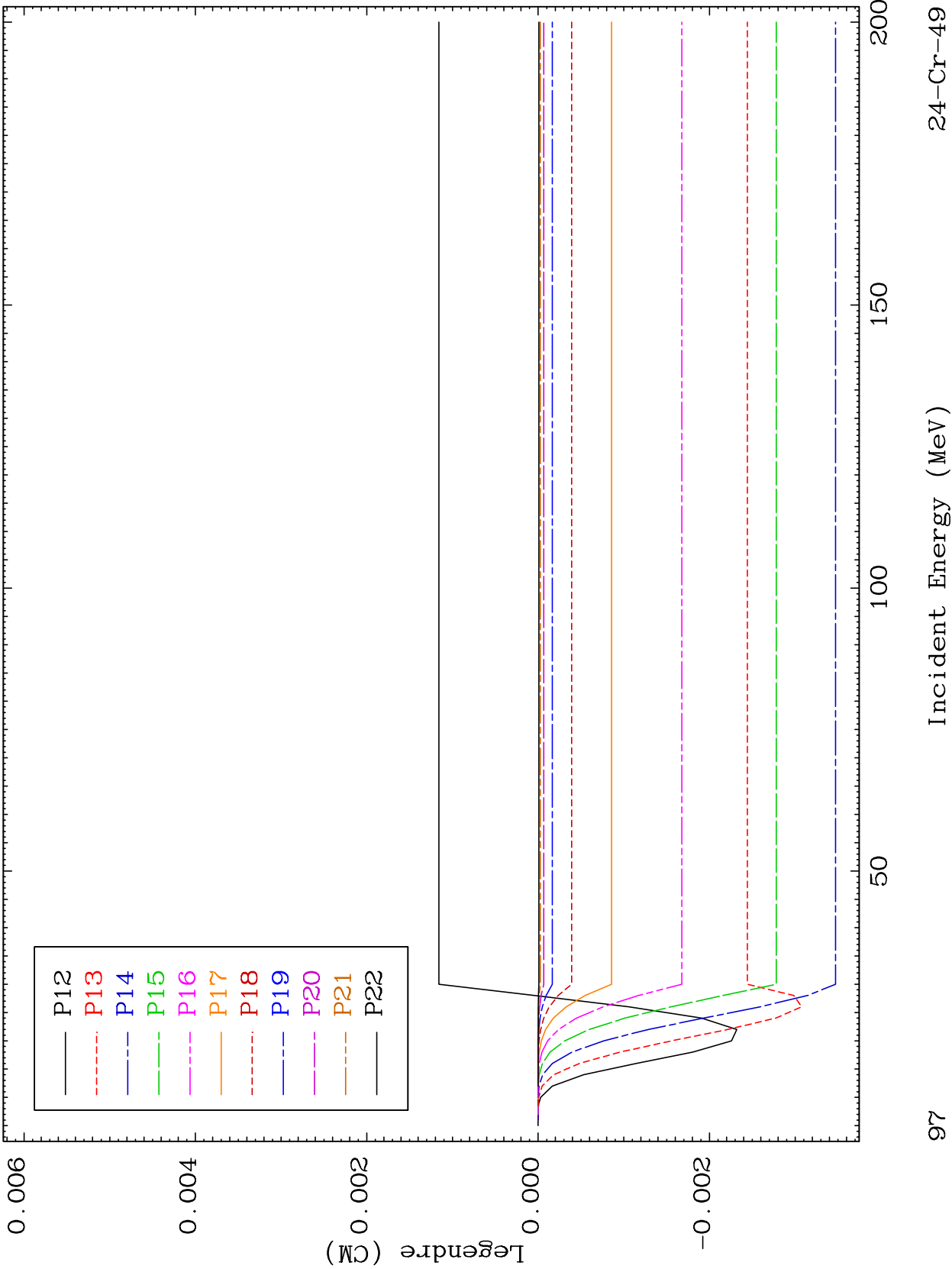
Incident Energy (MeV)

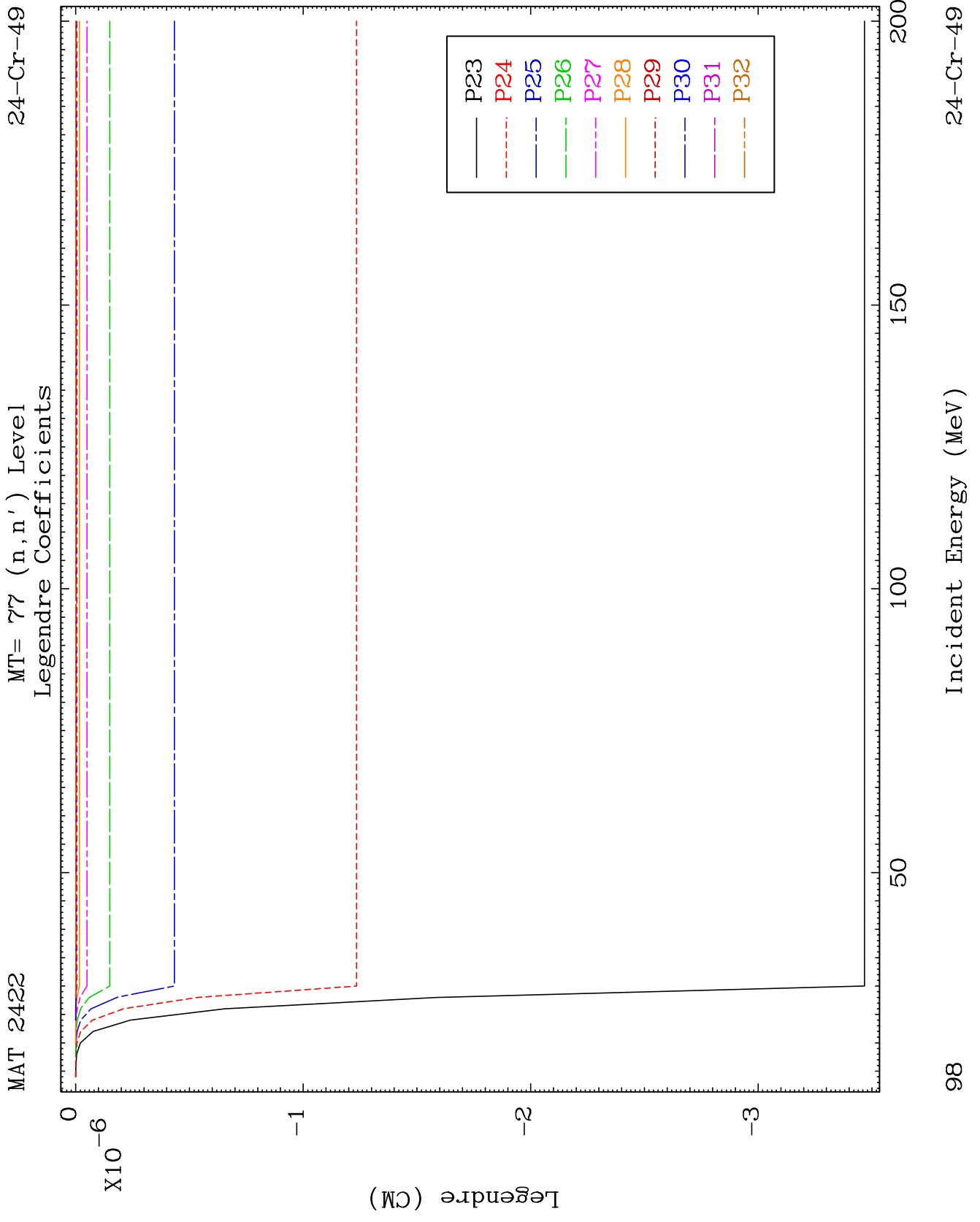
24-Cr-49

MAT 2422

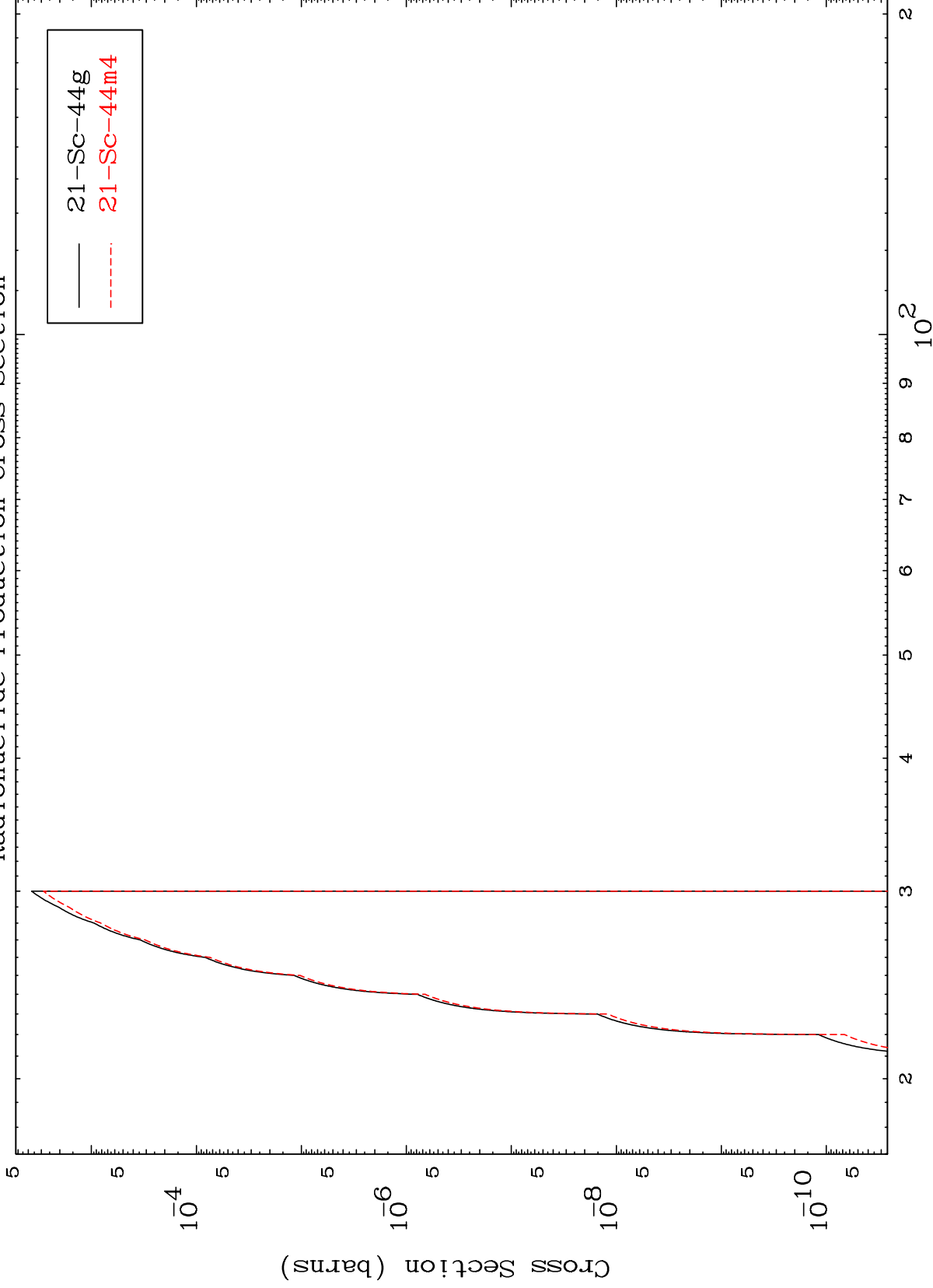
MT= 77 (n,n') Level
Legendre Coefficients

24-Cr-49





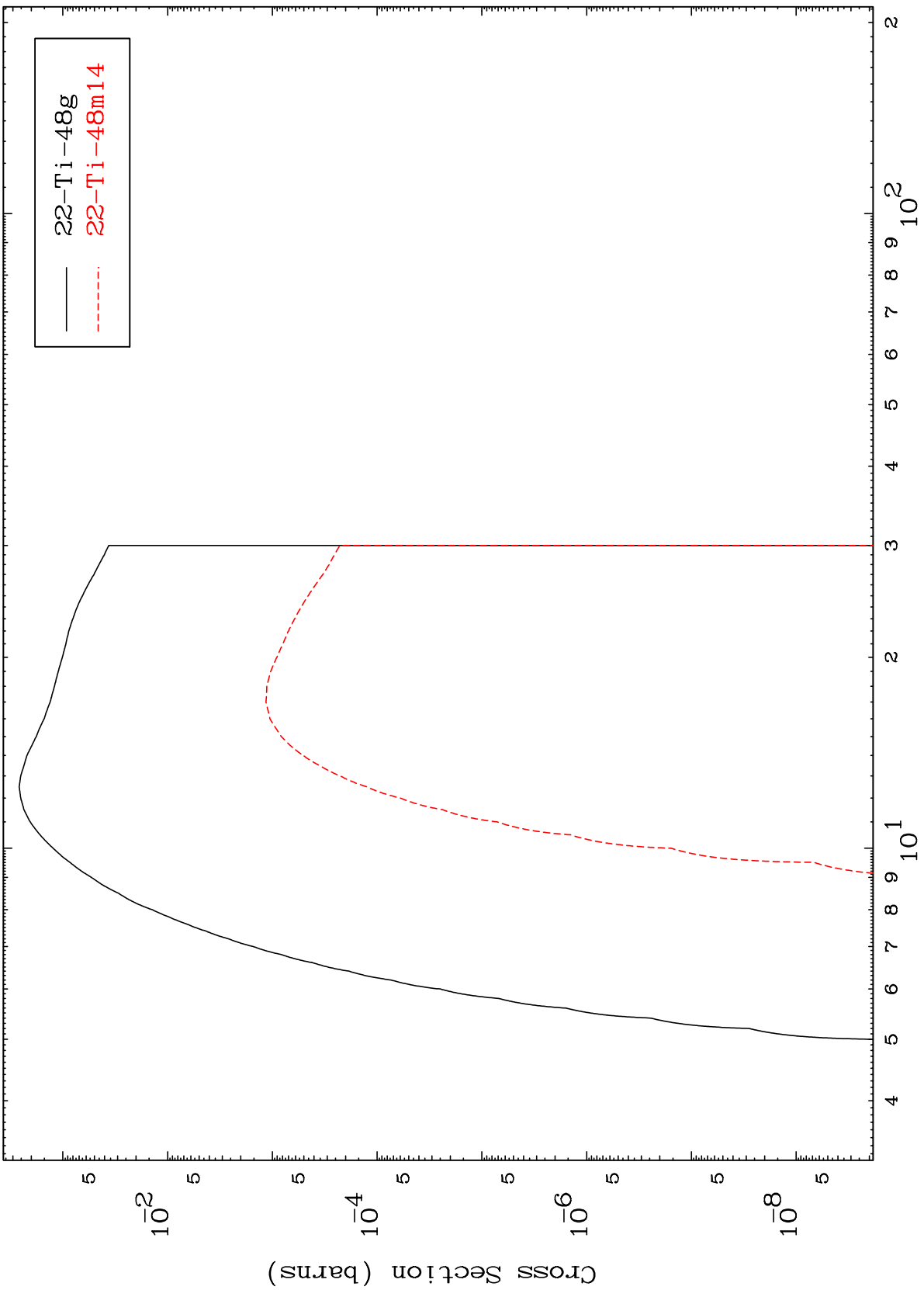
Radionuclide Production Cross Section



MAT 2422

24-Cr-49

(n,2p)
Radionuclide Production Cross Section



100

Incident Energy (MeV)

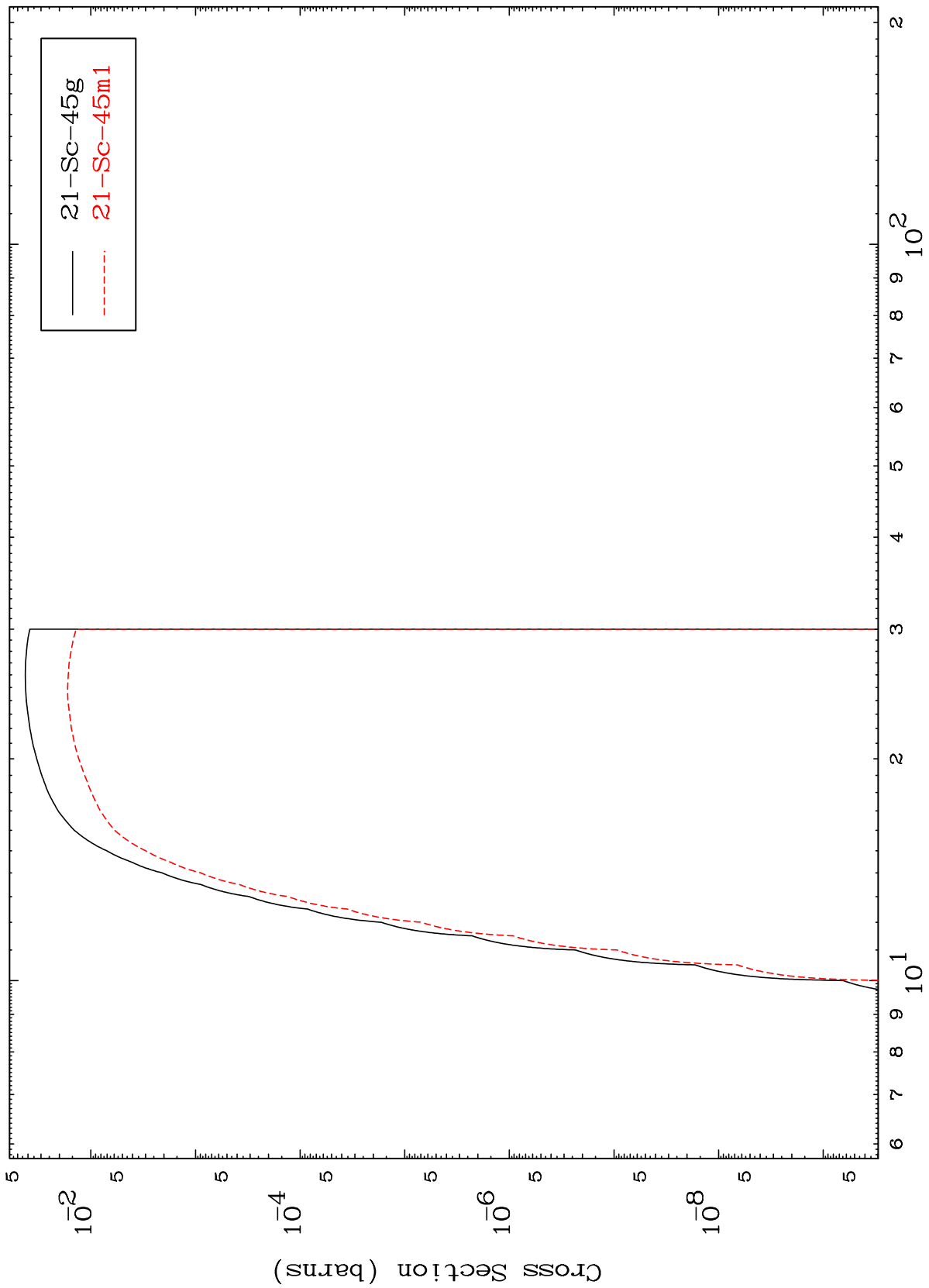
24-Cr-49

MAT 2422

(n,p) α

$^{24}\text{Cr-49}$

Radionuclide Production Cross Section



101

Incident Energy (MeV)

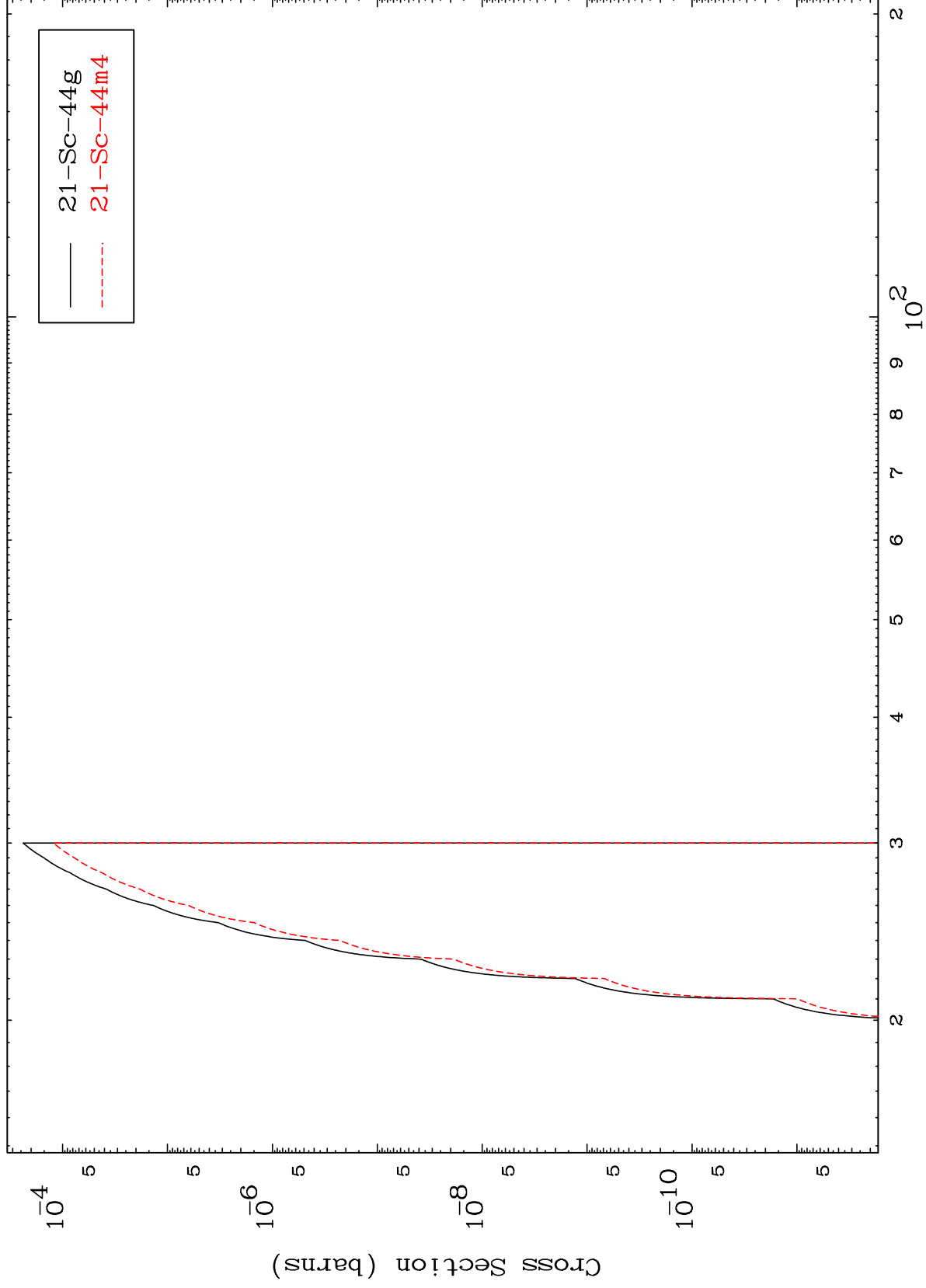
$^{24}\text{Cr-49}$

MAT 2422

(n,d) α

24-Cr-49

Radionuclide Production Cross Section



102

Incident Energy (MeV)

24-Cr-49