

Program EVALPLOT  
(Version 2018-1)

by

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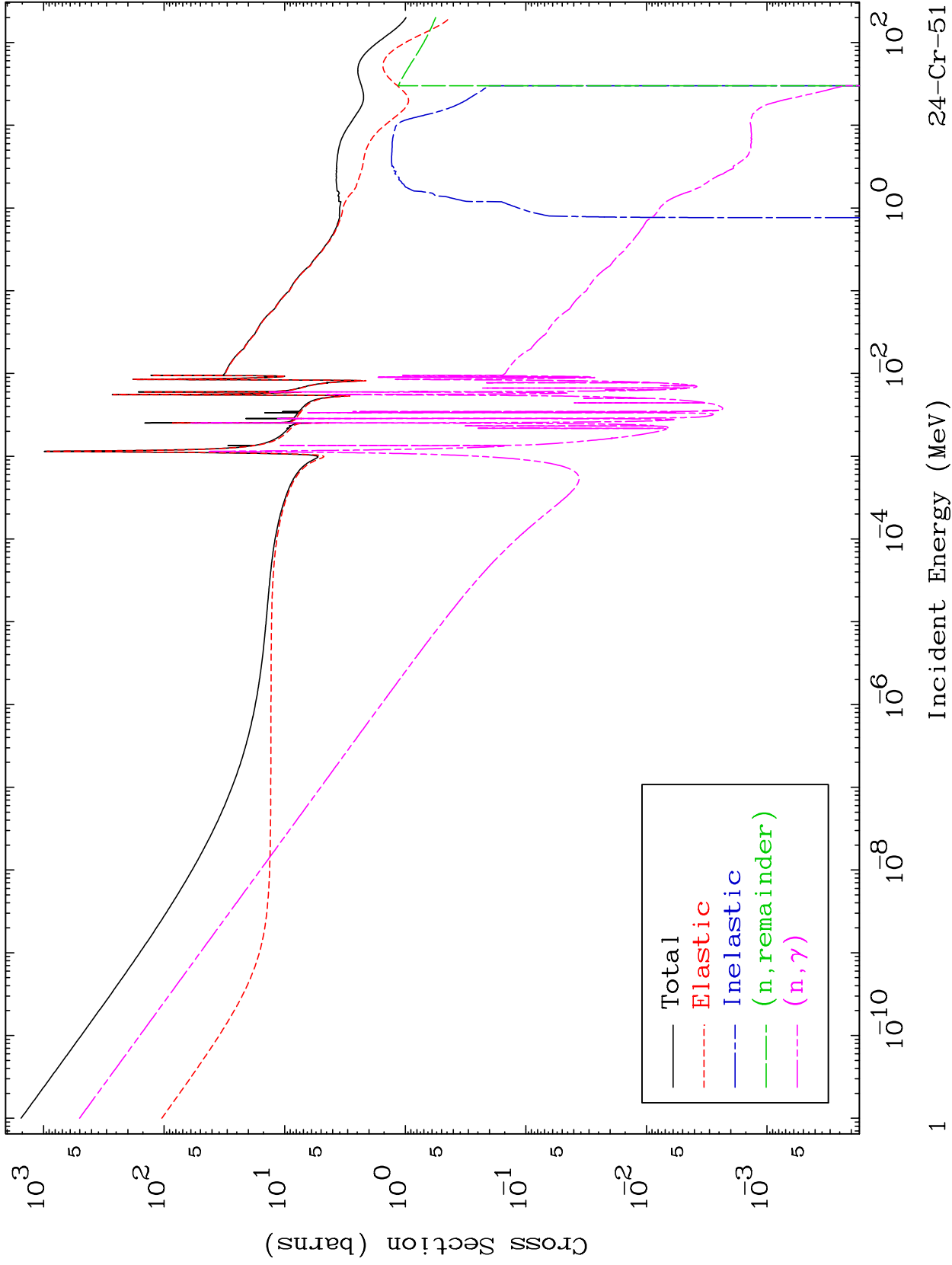
Press Mouse Button to Start

MAT 2428

Major

293 Kelvin Cross Sections

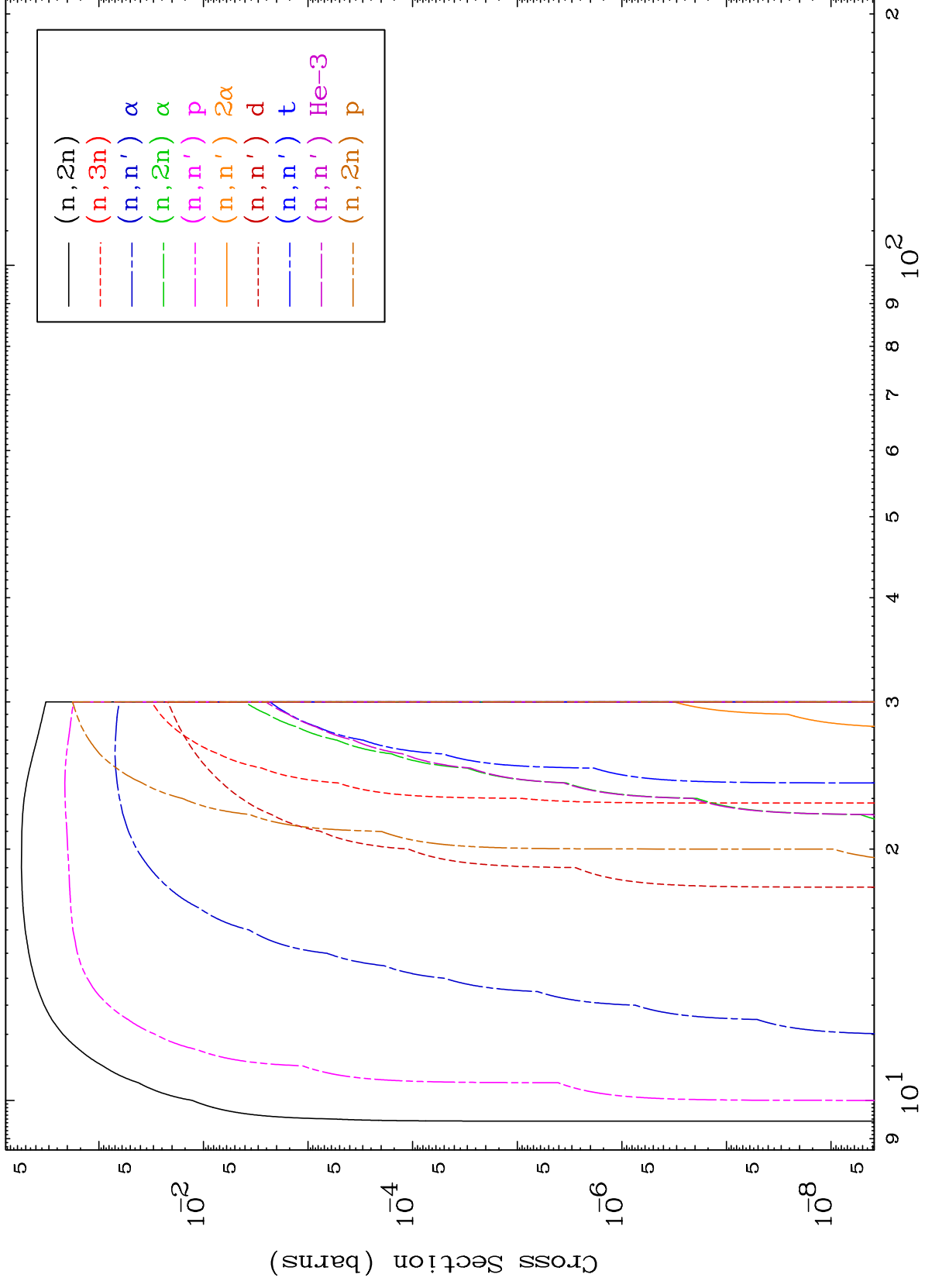
24-Cr-51



MAT 2428

Neutron Production  
293 Kelvin Cross Sections

24-Cr-51



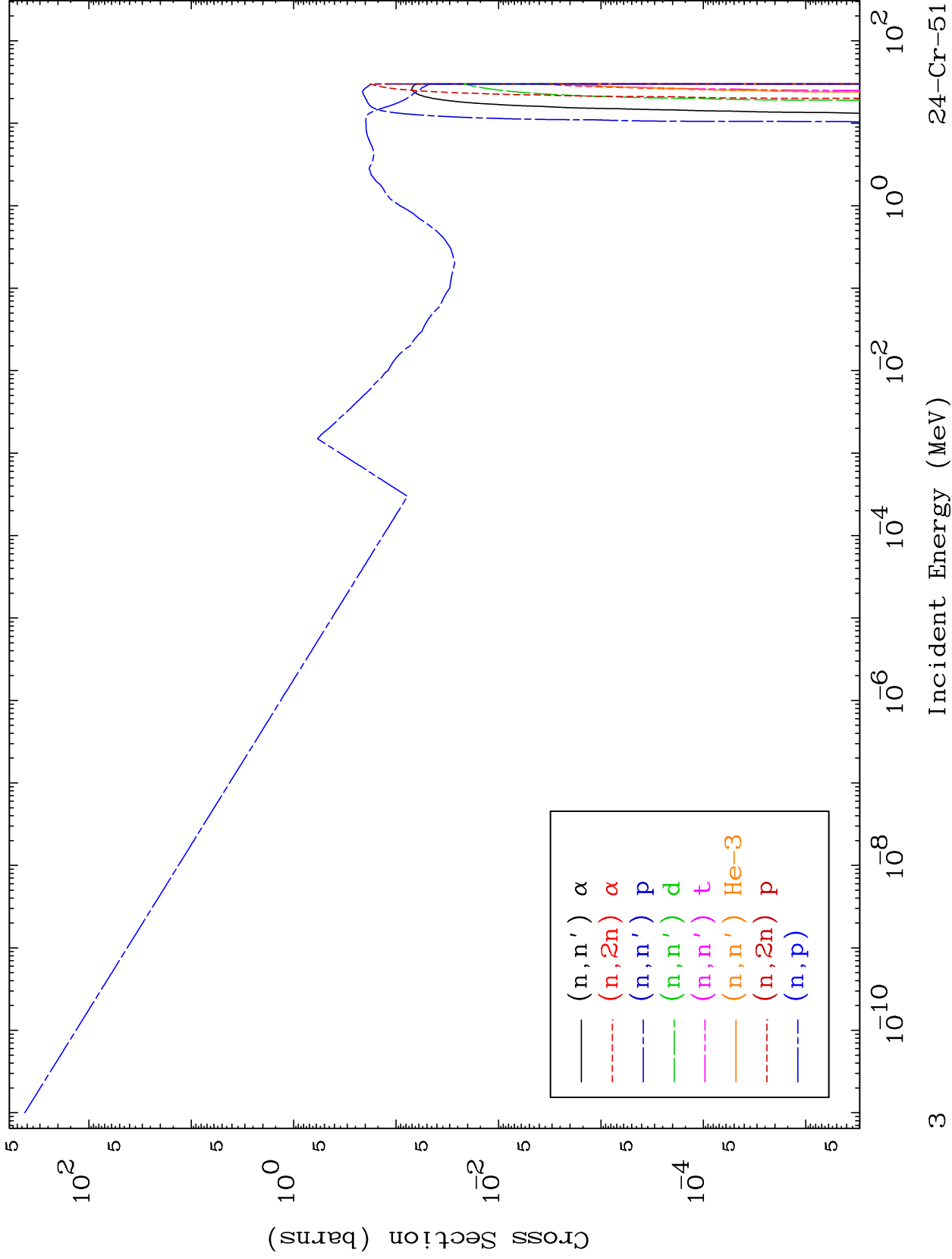
Incident Energy (MeV)

24-Cr-51

MAT 2428

Charged Particle  
293 Kelvin Cross Sections

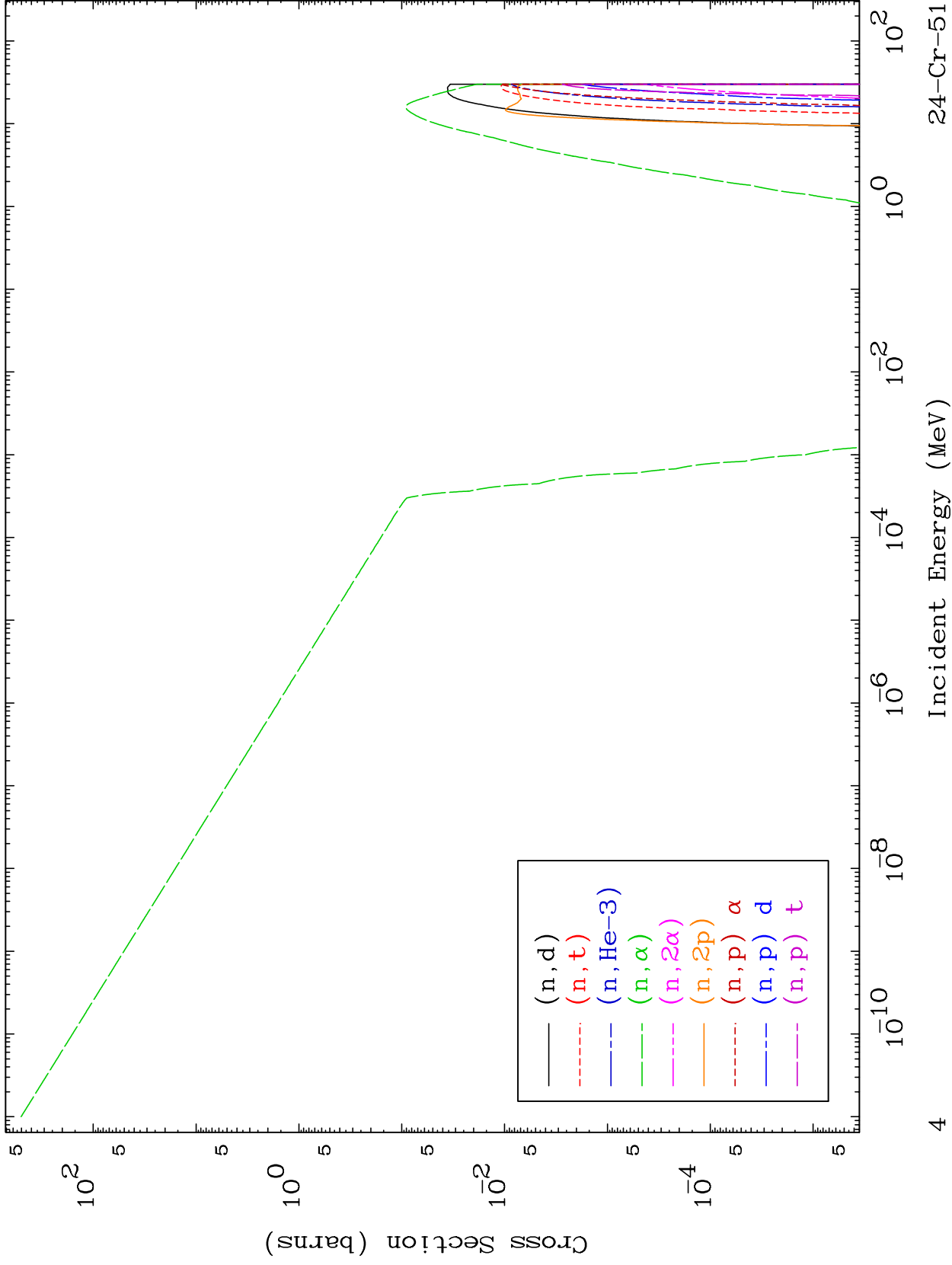
24-Cr-51



MAT 2428

Charged Particle  
293 Kelvin Cross Sections

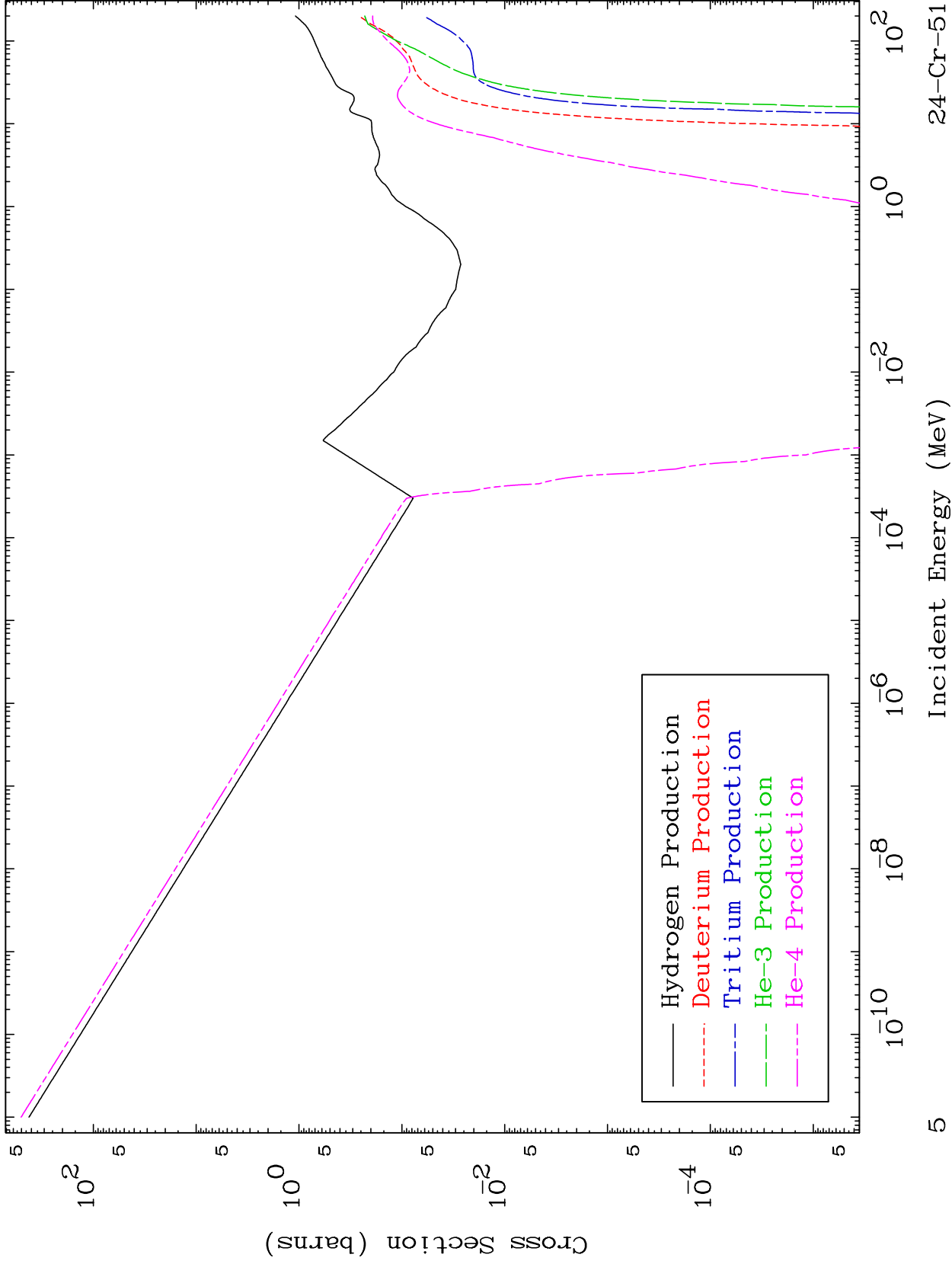
24-Cr-51



MAT 2428

Particle Production  
293 Kelvin Cross Sections

24-Cr-51

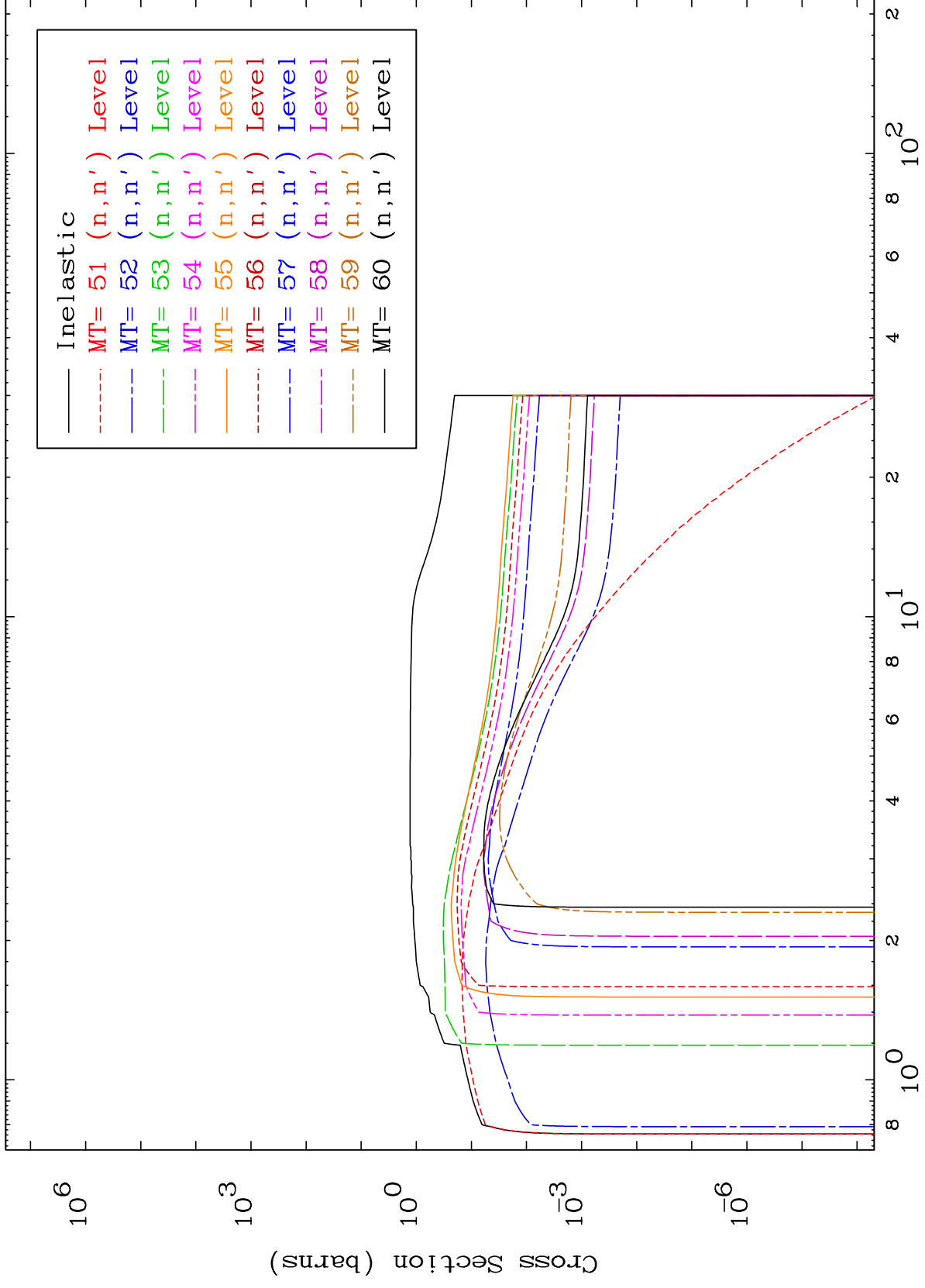


MAT 2428

(n,n') Level

24-Cr-51

293 Kelvin Cross Sections



24-Cr-51

Incident Energy (MeV)

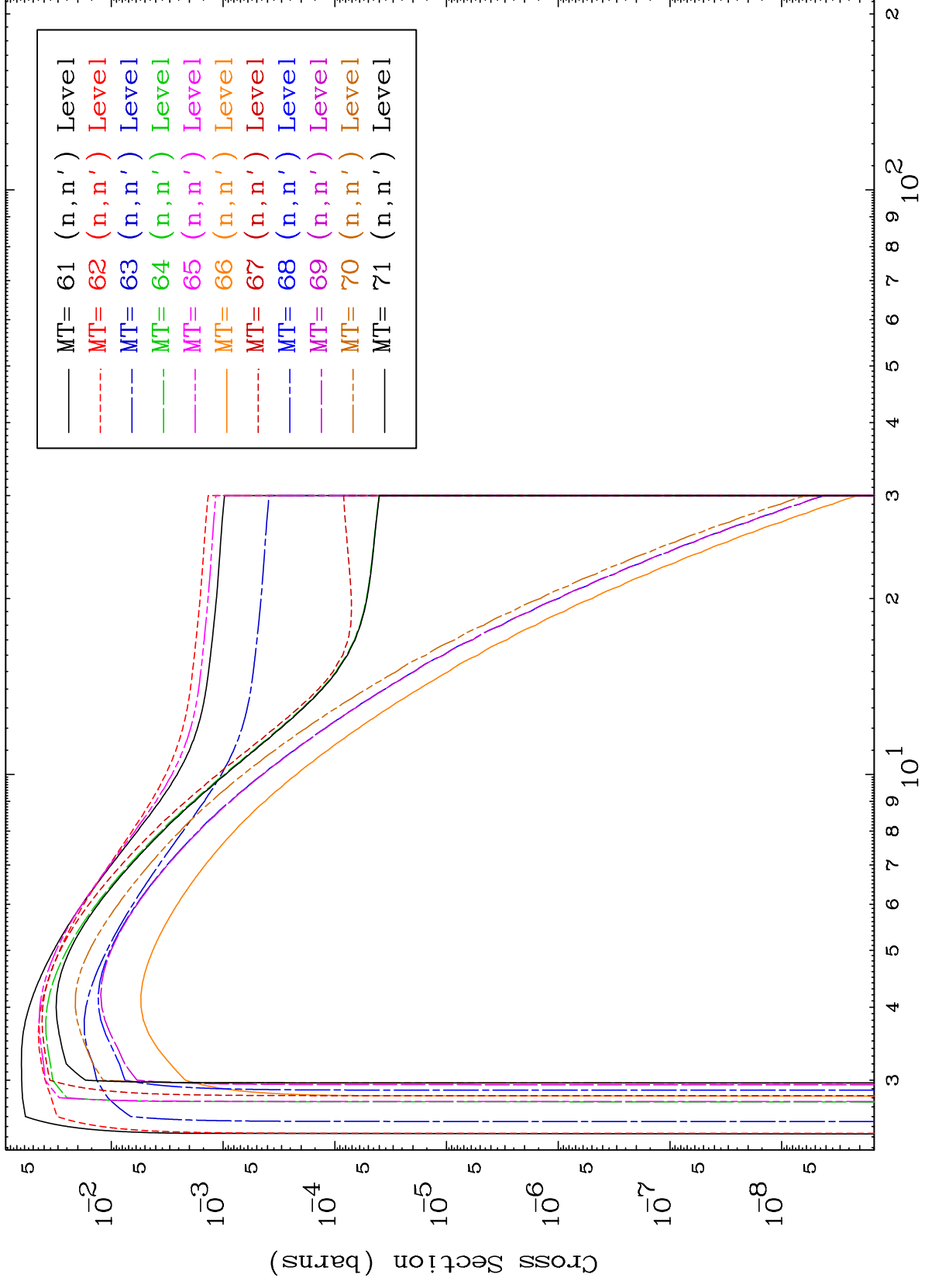
6

MAT 2428

(n,n') Level

24-Cr-51

293 Kelvin Cross Sections



7

Incident Energy (MeV)

24-Cr-51

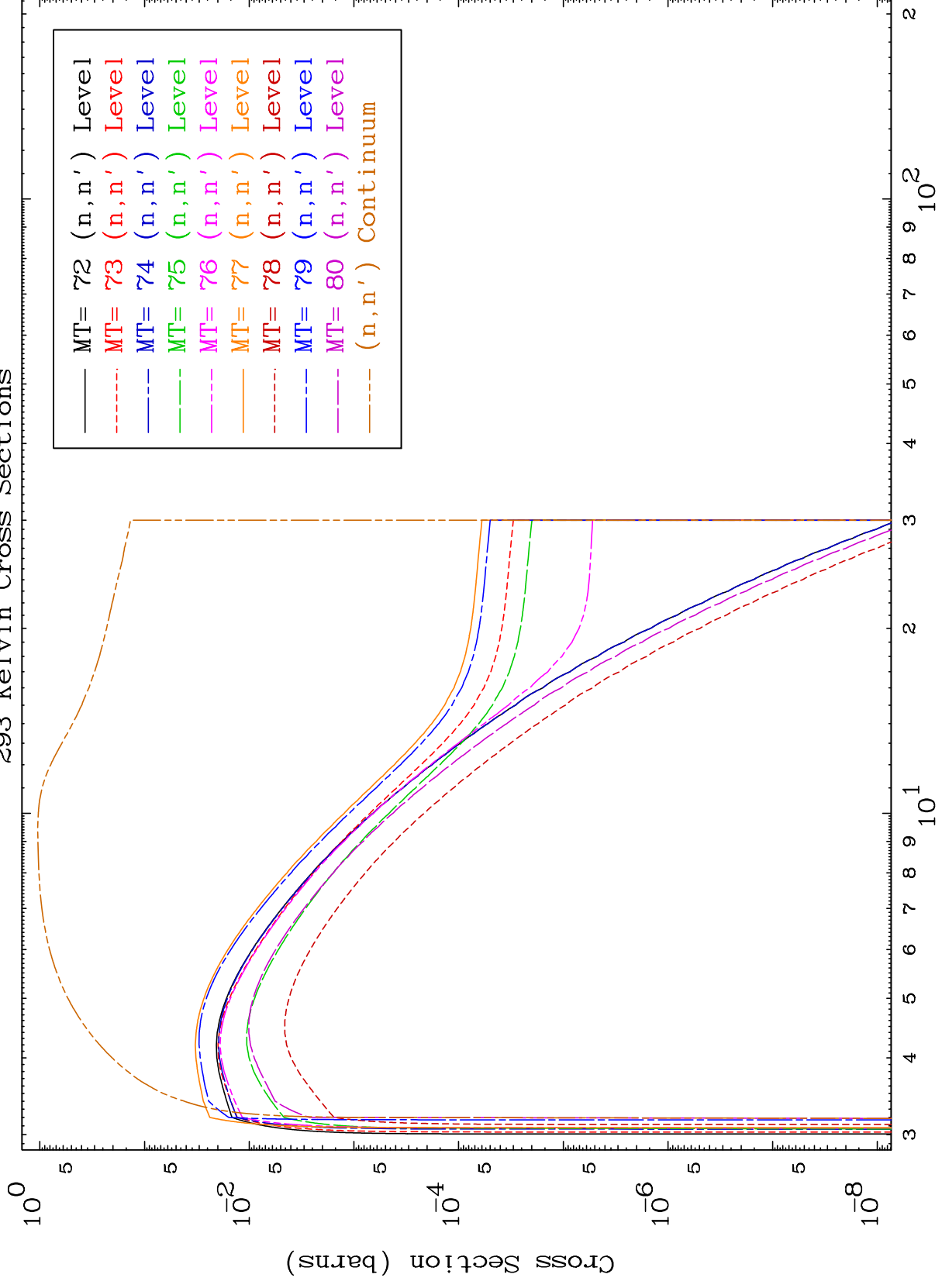


MAT 2428

(n,n') Level

24-Cr-51

293 Kelvin Cross Sections



Incident Energy (MeV)

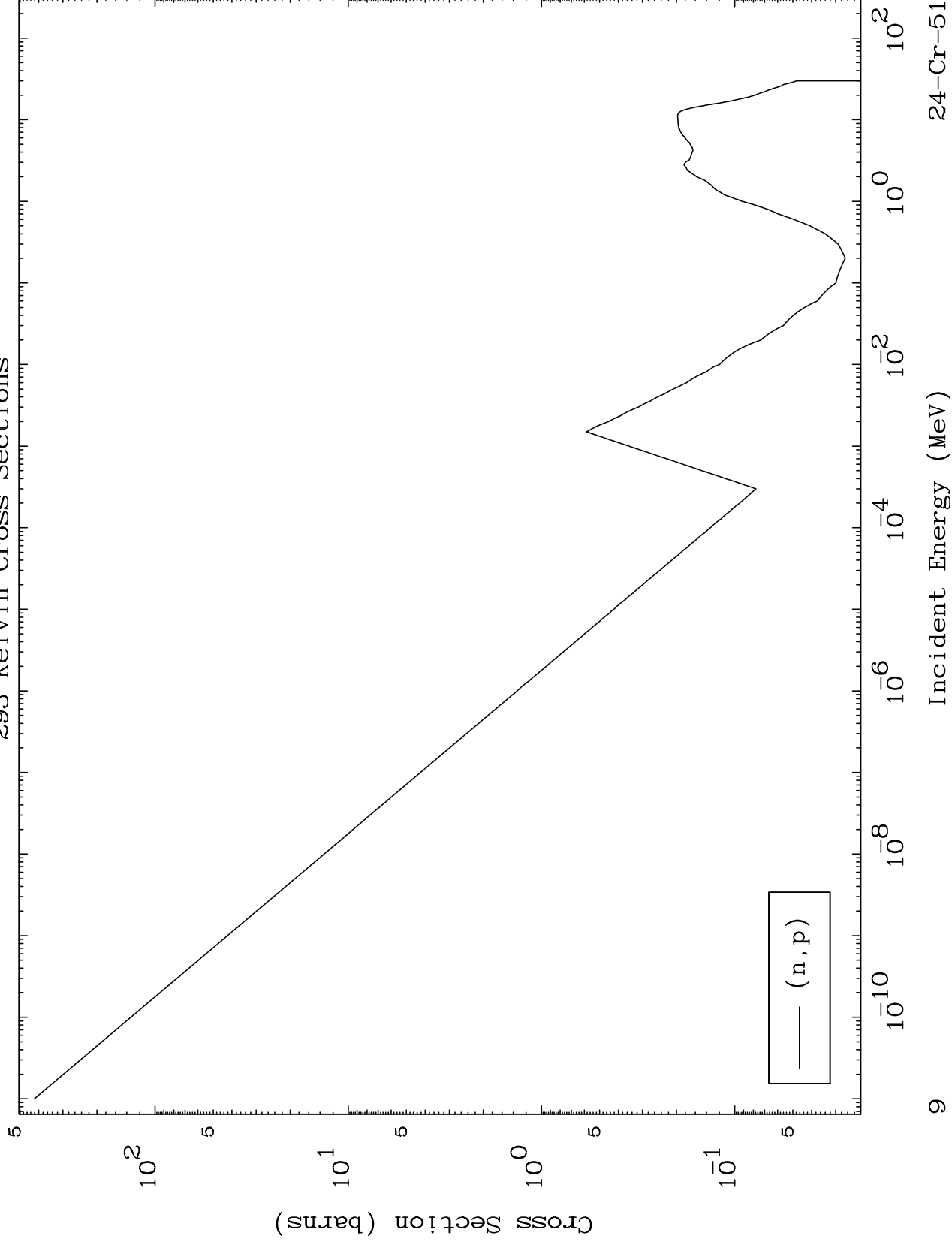
24-Cr-51

8

MAT 2428

(n,p) Levels  
293 Kelvin Cross Sections

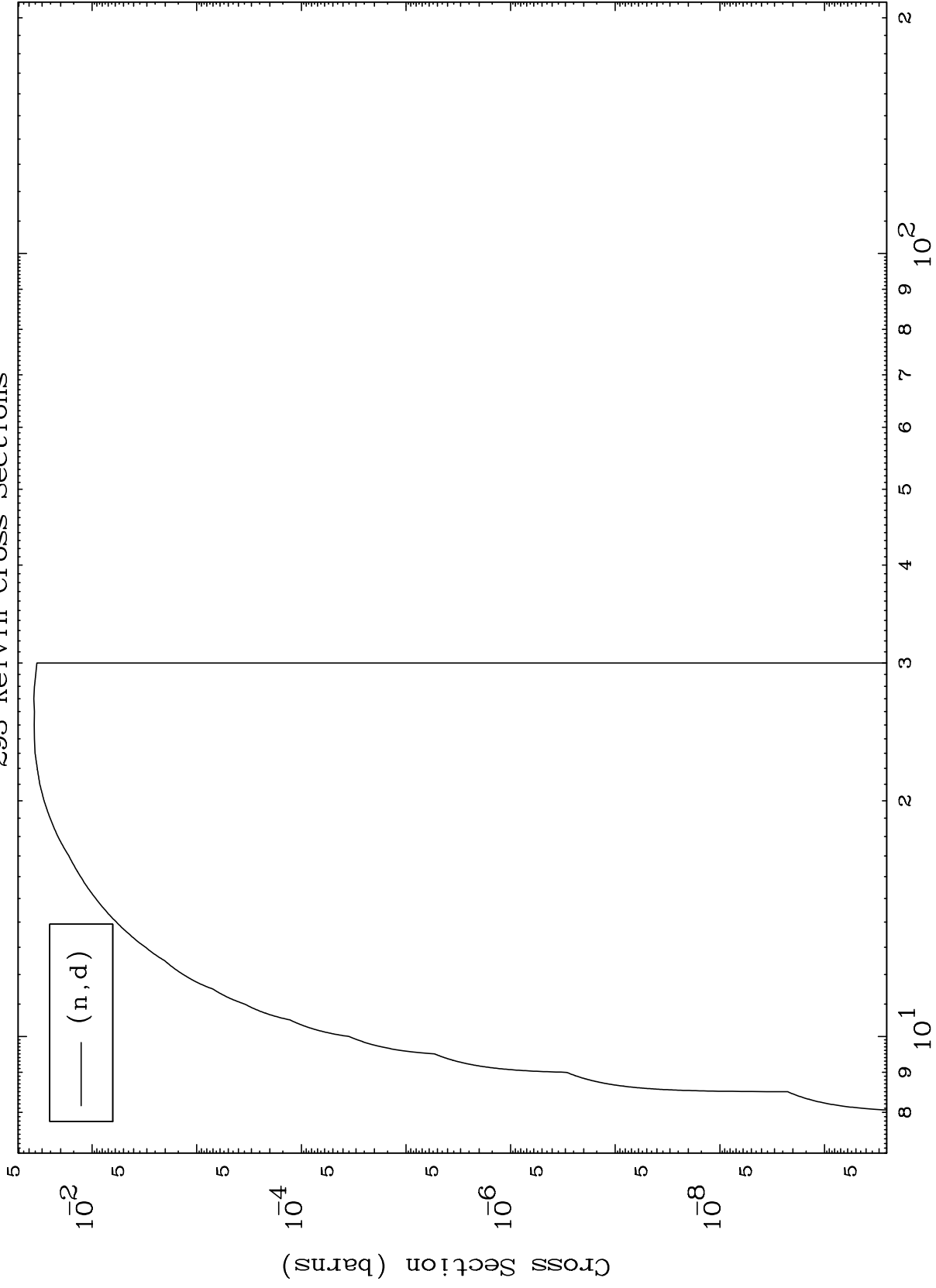
24-Cr-51



MAT 2428

(n,d) Levels  
293 Kelvin Cross Sections

24-Cr-51



10

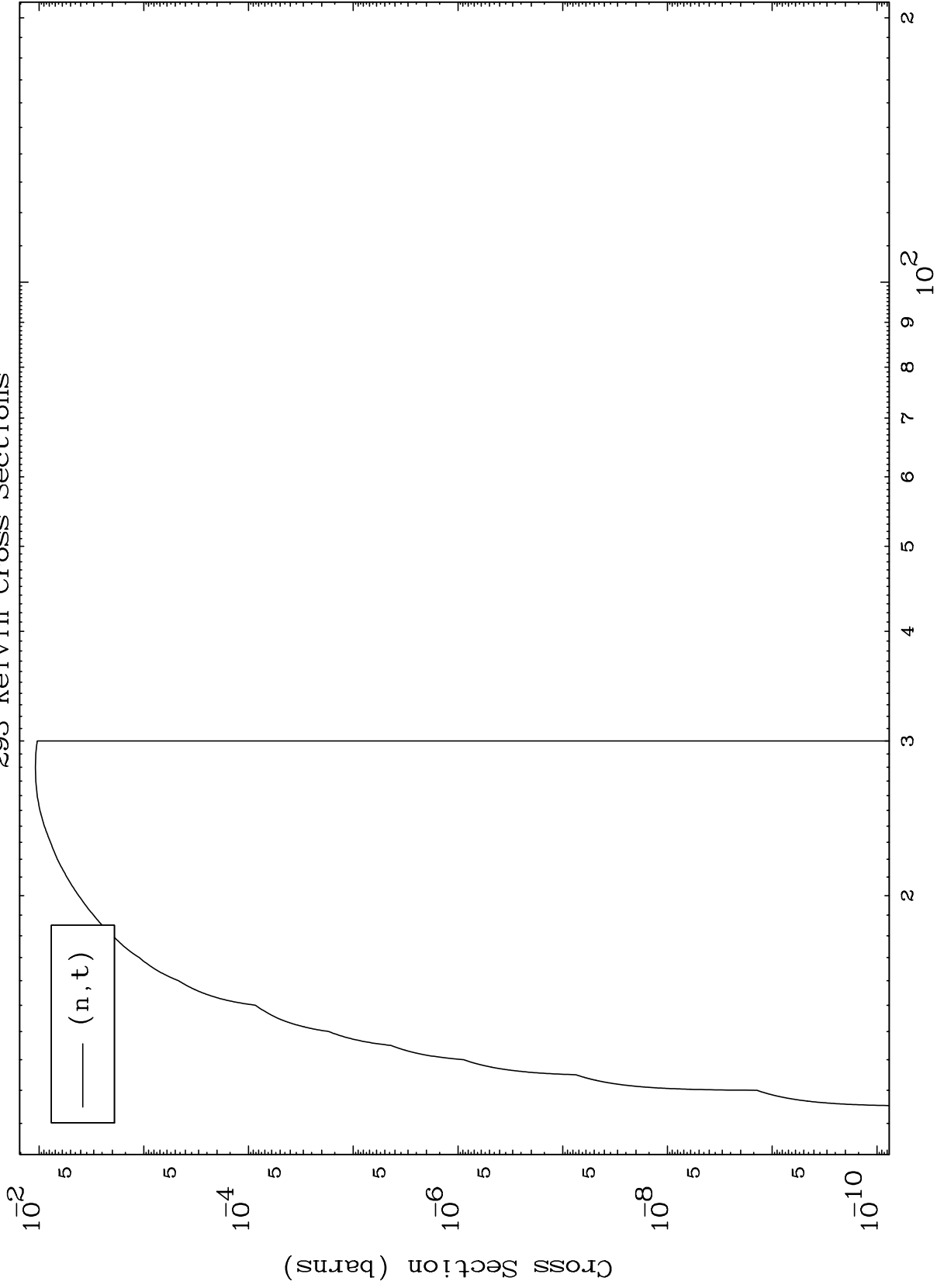
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,t) Levels  
293 Kelvin Cross Sections

24-Cr-51



11

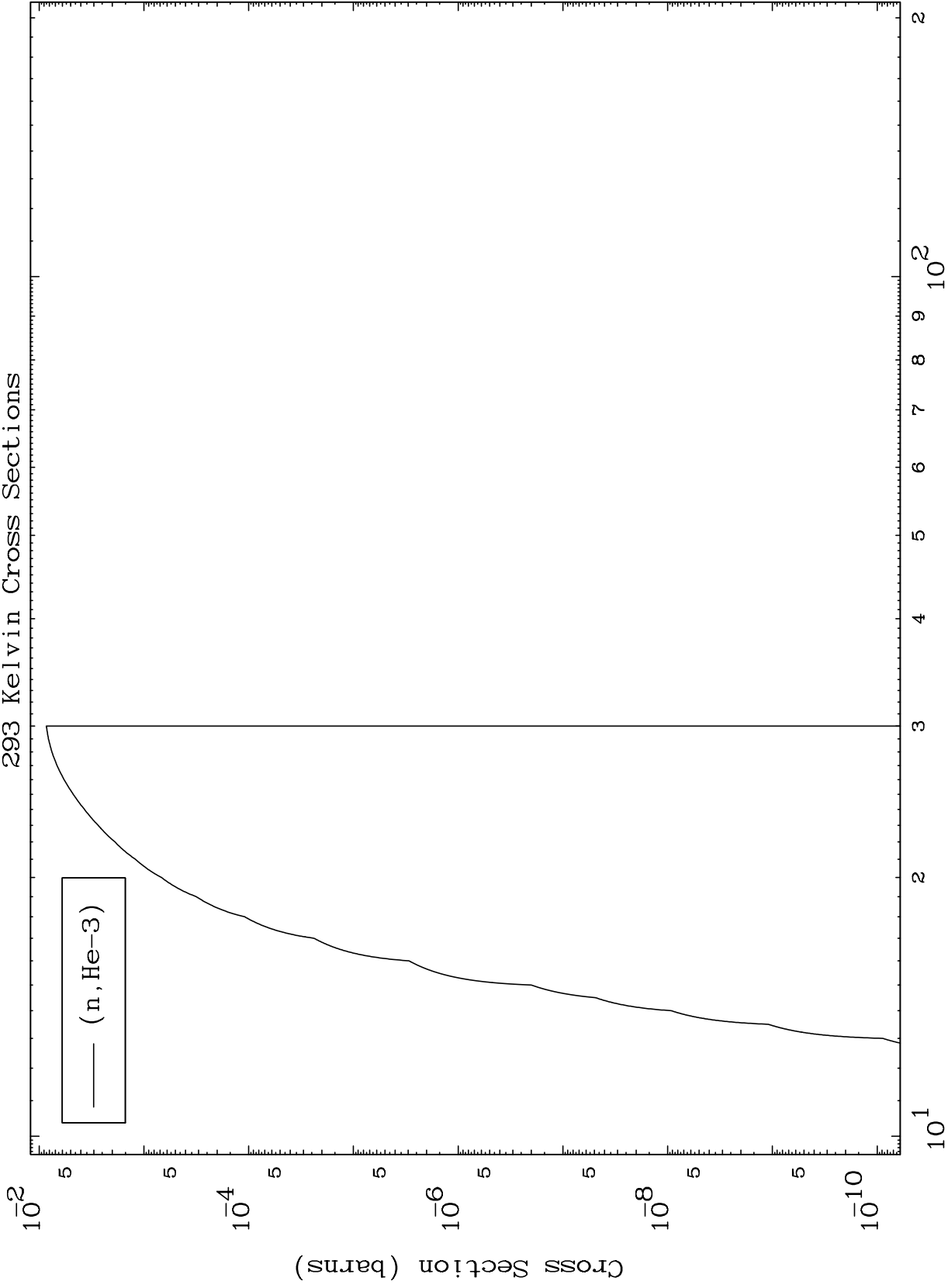
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,He3) Levels  
293 Kelvin Cross Sections

24-Cr-51



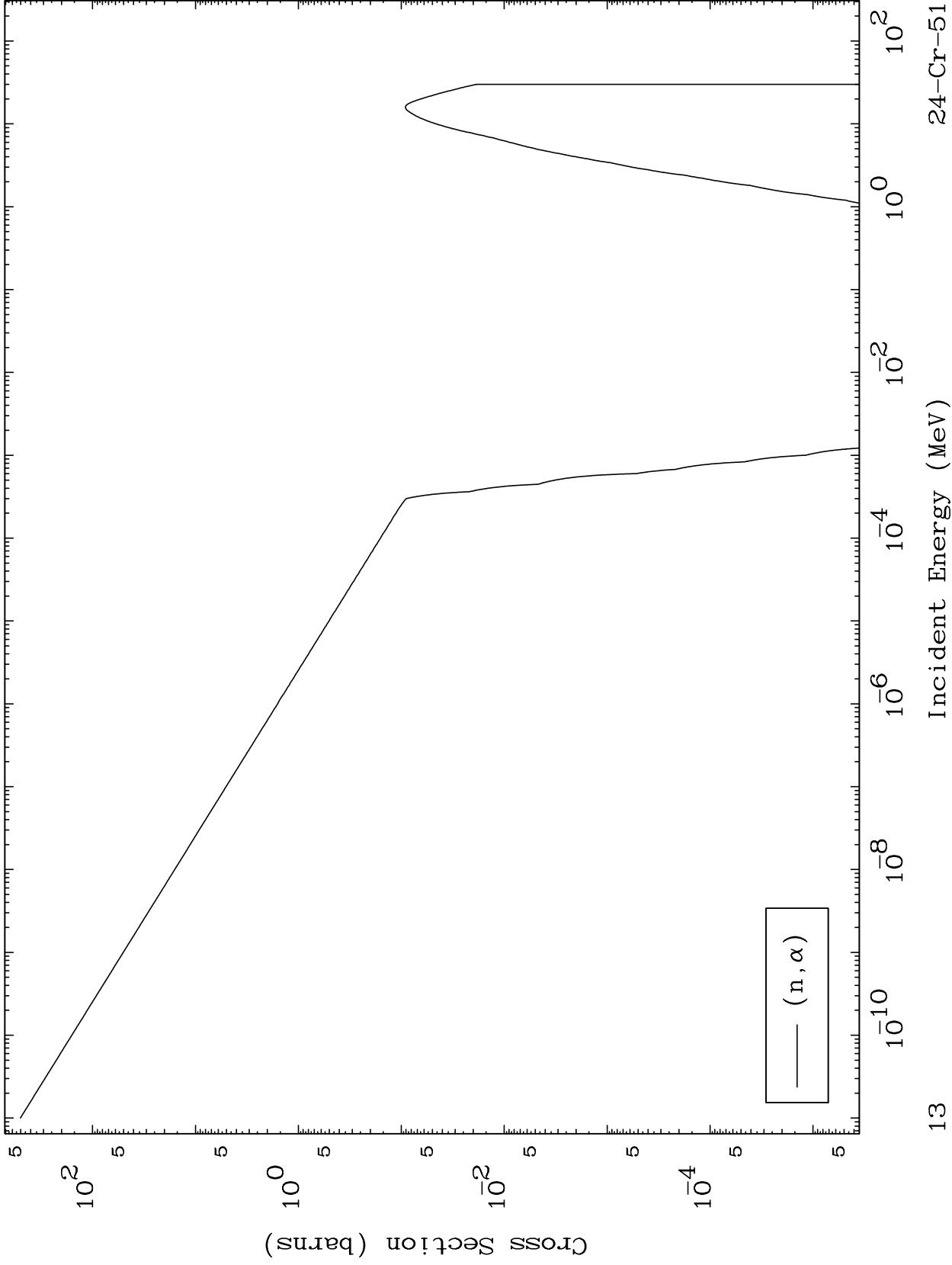
24-Cr-51

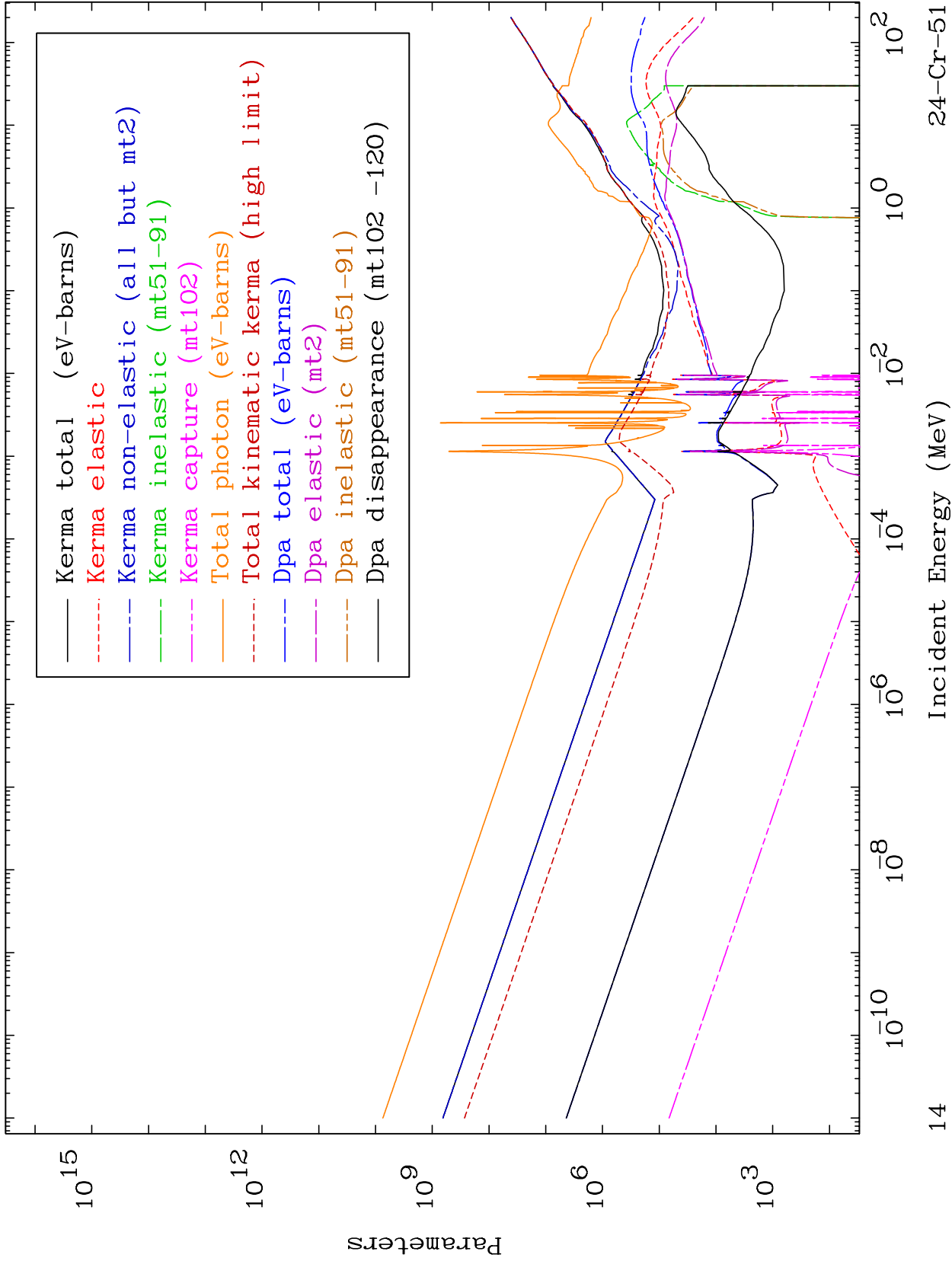
Incident Energy (MeV)

MAT 2428

(n,α) Levels  
293 Kelvin Cross Sections

24-Cr-51

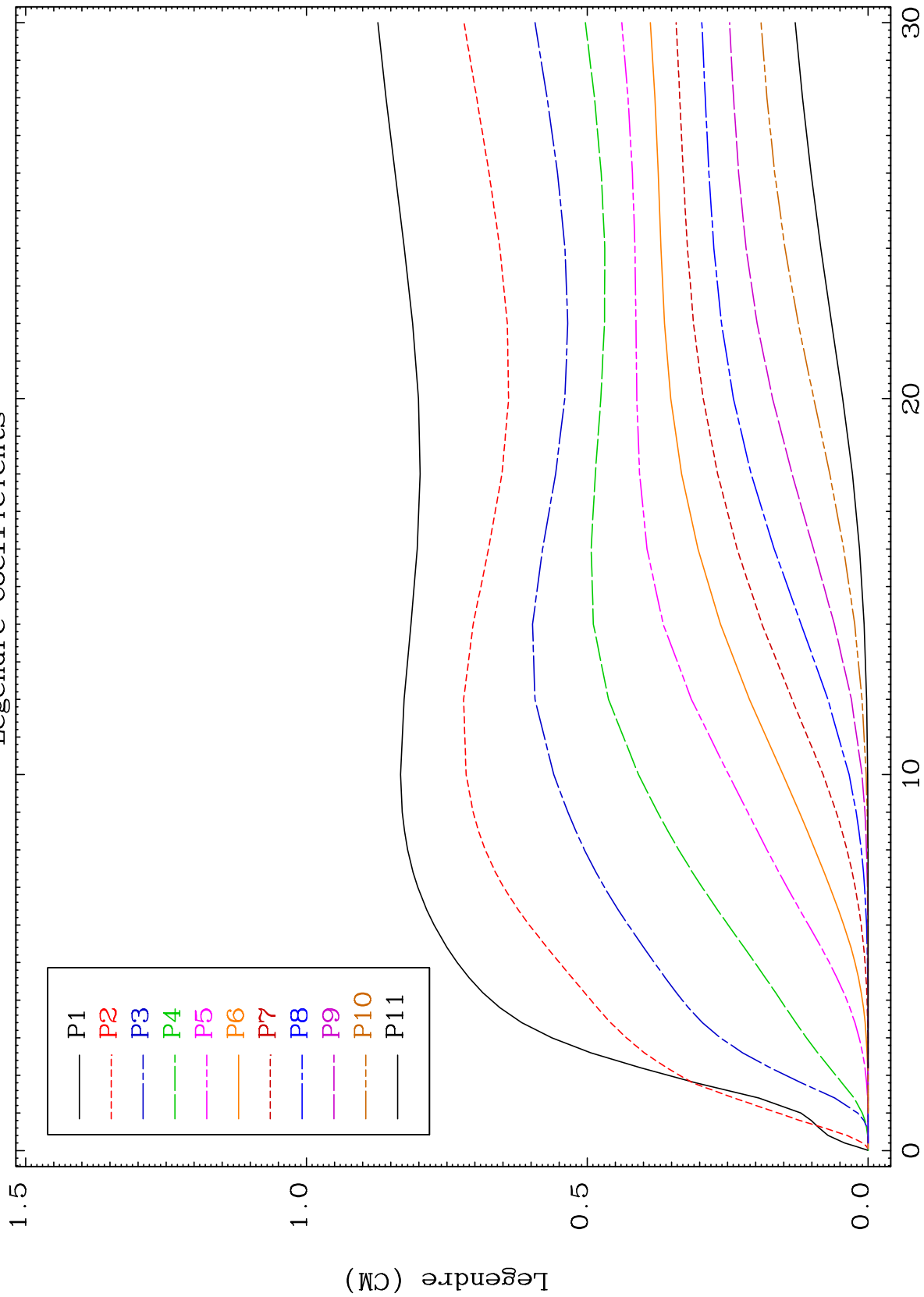




MAT 2428

Elastic Legendre Coefficients

24-Cr-51



15

Incident Energy (MeV)

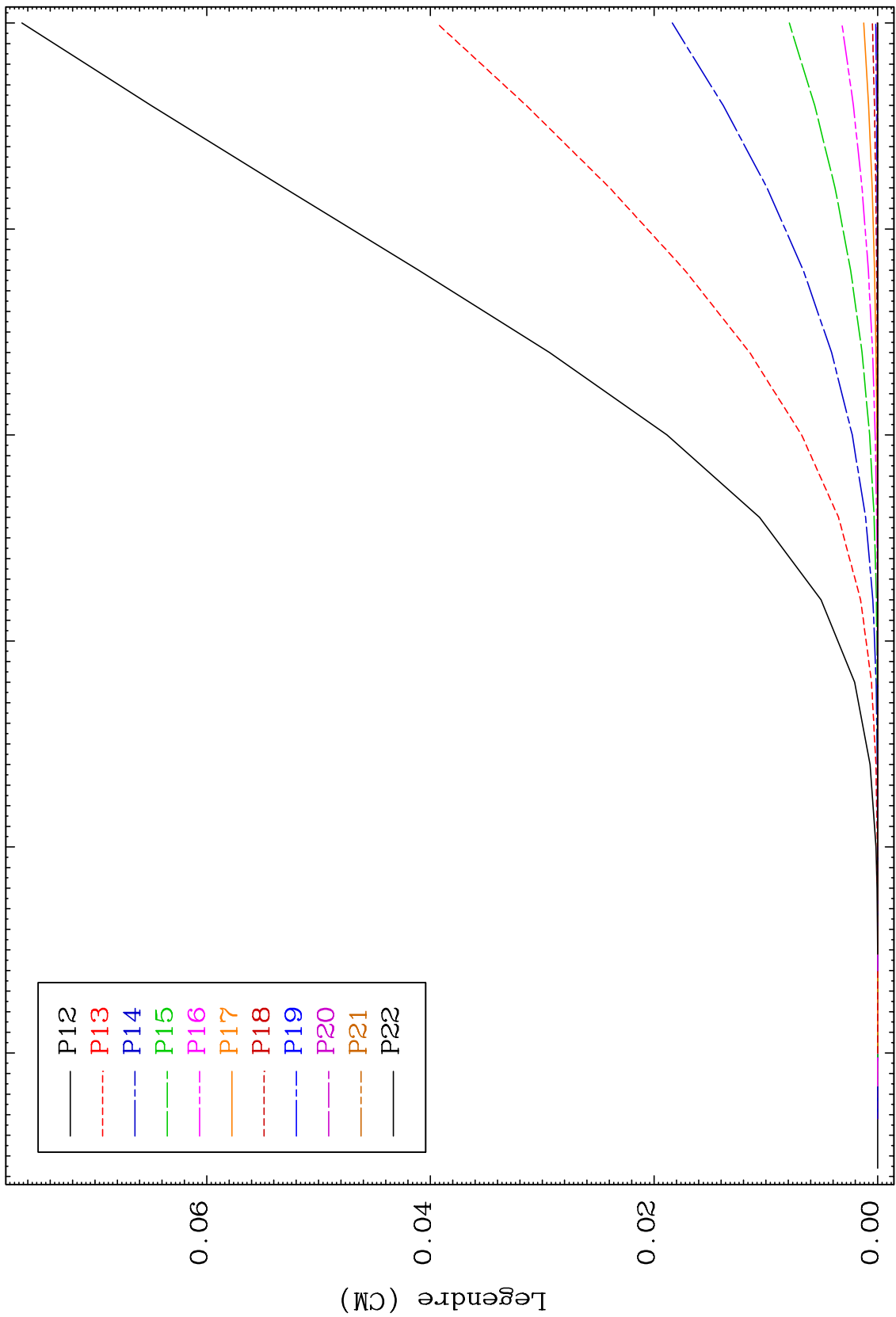
24-Cr-51



MAT 2428

Elastic Legendre Coefficients

24-Cr-51



16

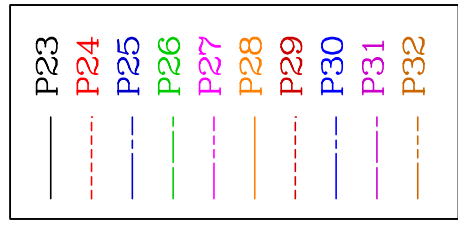
24-Cr-51

Incident Energy (MeV)

MAT 2428

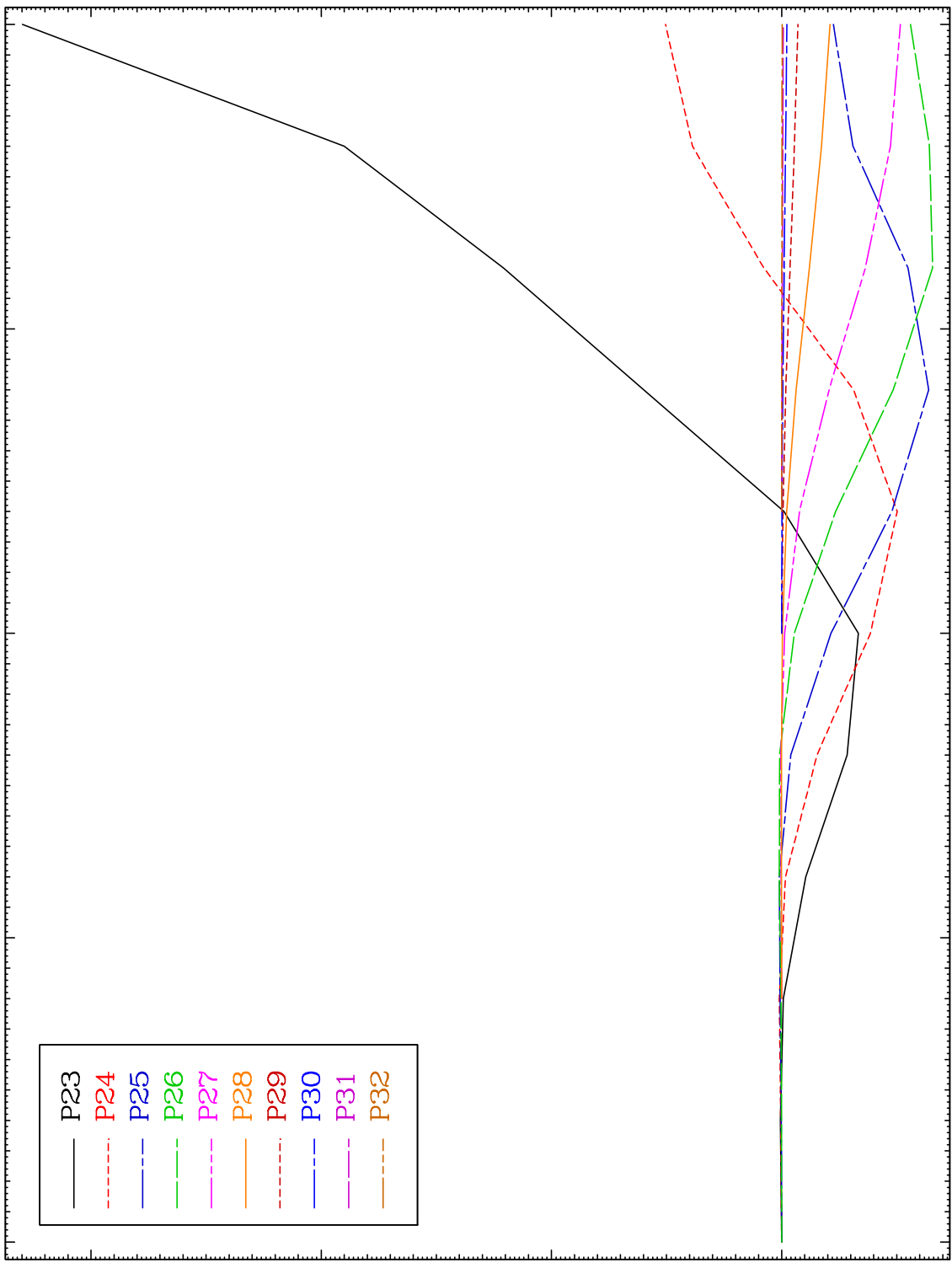
Elastic Legendre Coefficients

24-Cr-51



$\times 10^{-6}$   
1.5  
1.0  
0.5  
0.0

Legendre (CM)



30

25

20

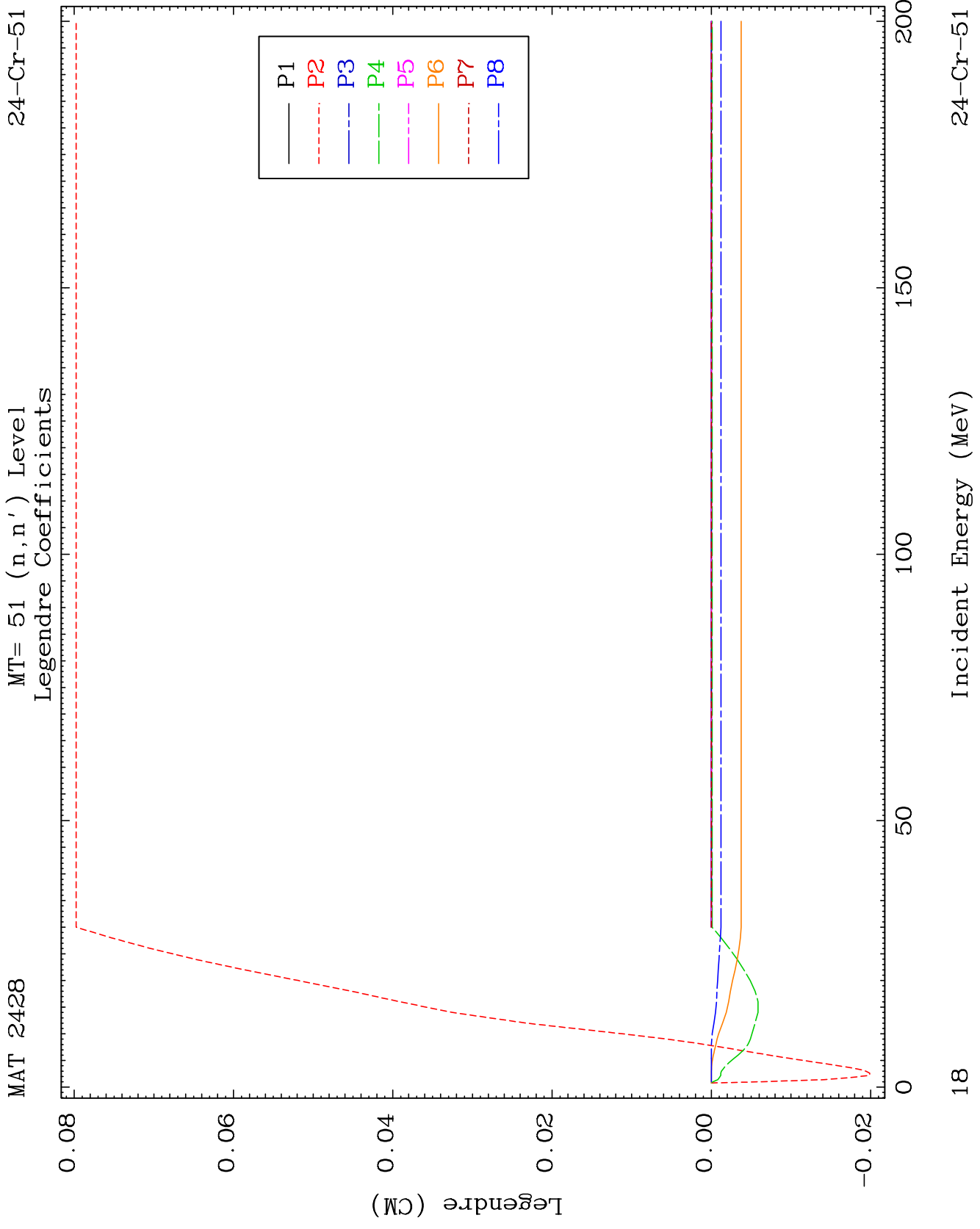
15

10

Incident Energy (MeV)

24-Cr-51

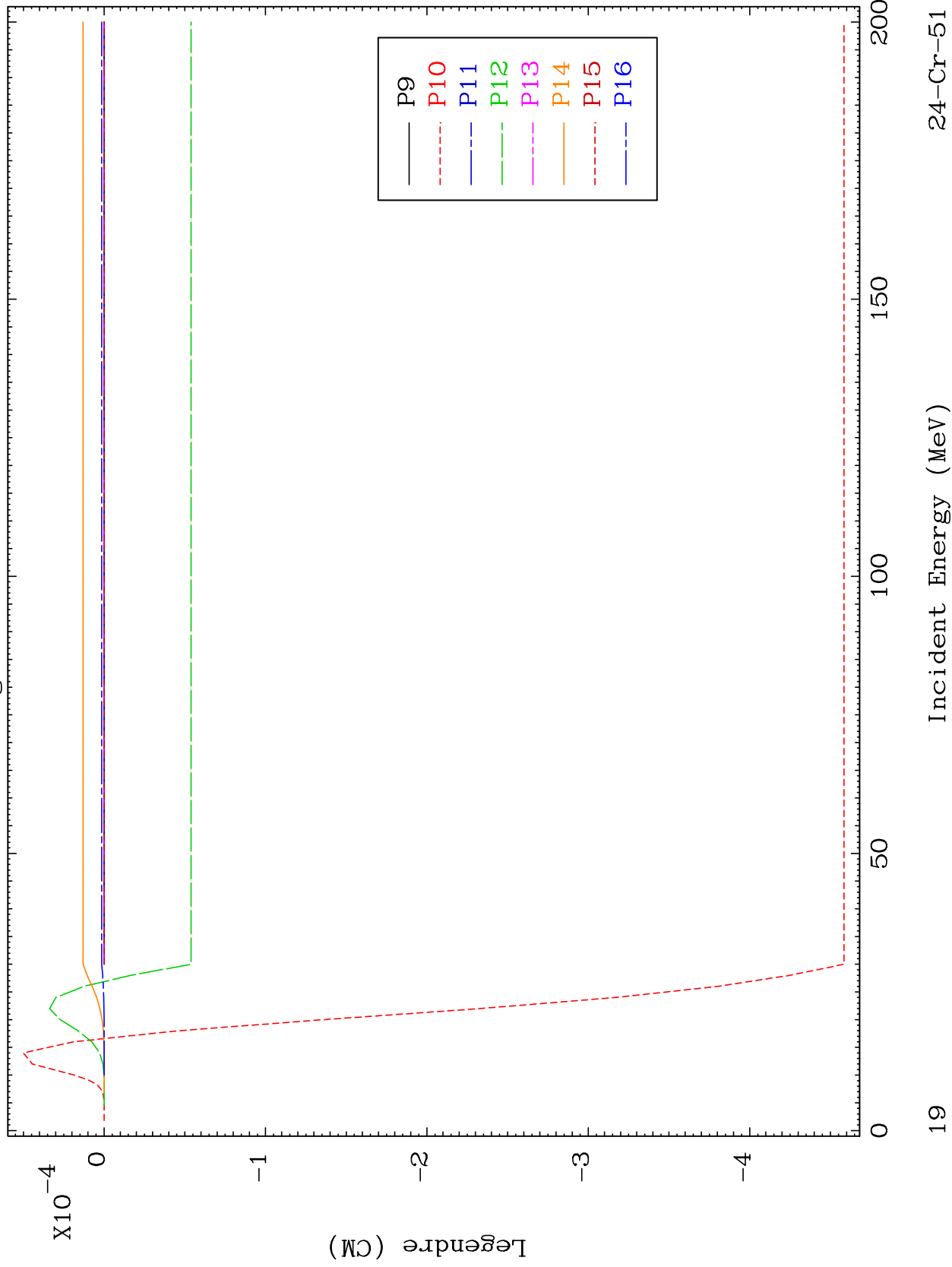
17



MAT 2428

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

24-Cr-51



24-Cr-51

Incident Energy (MeV)

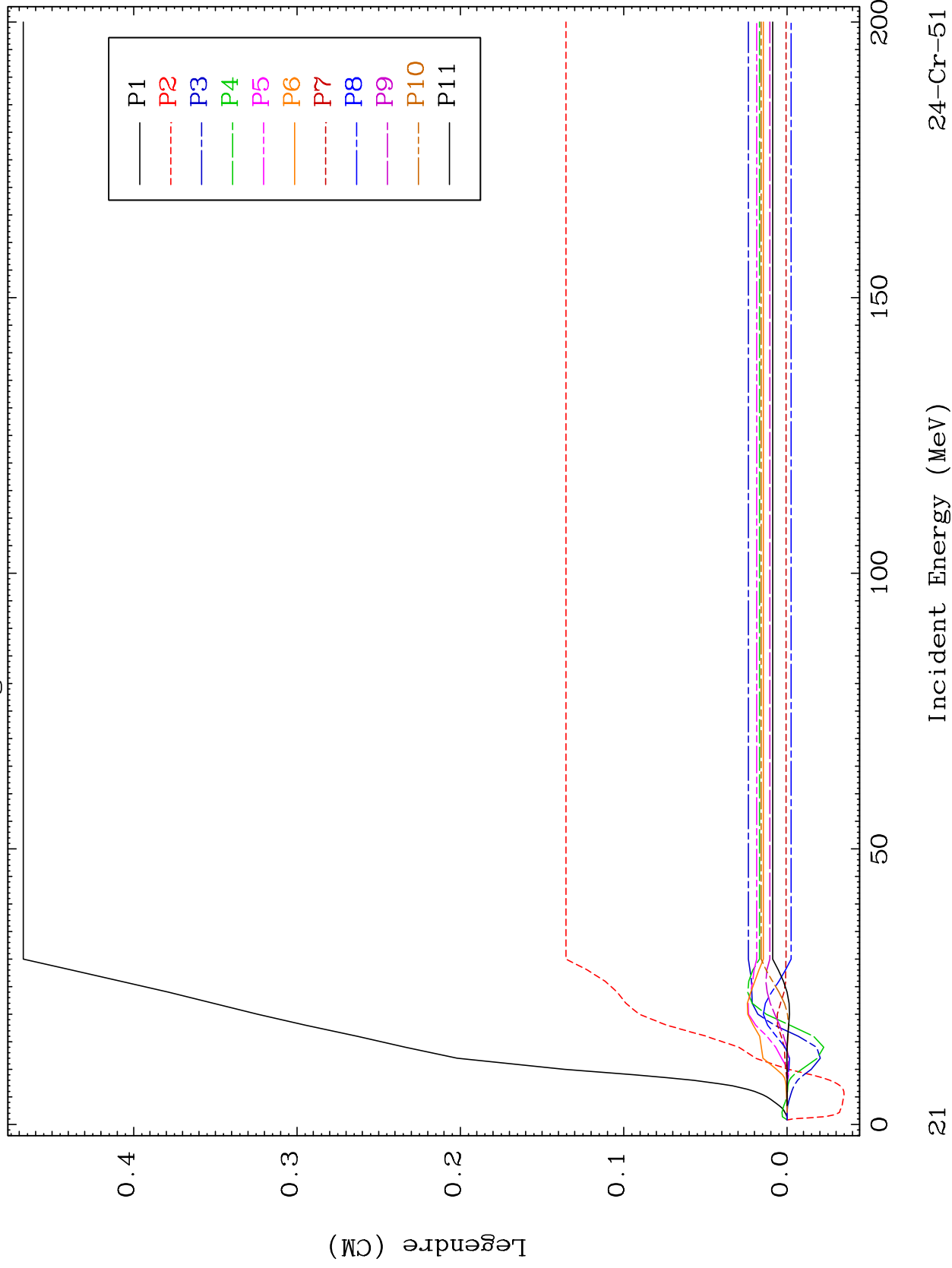
19



MAT 2428

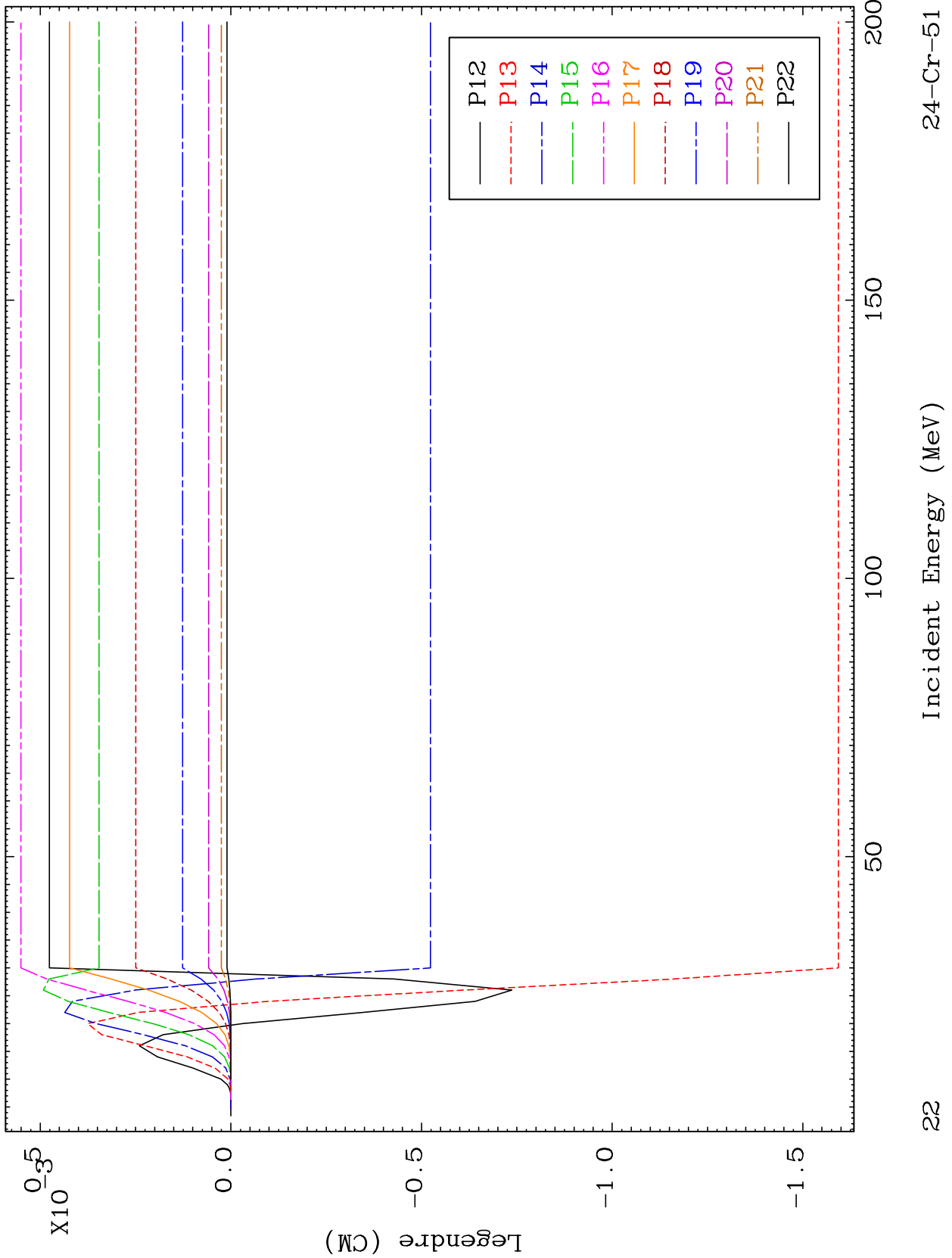
MT= 52 (n,n') Level  
Legendre Coefficients

24-Cr-51



21

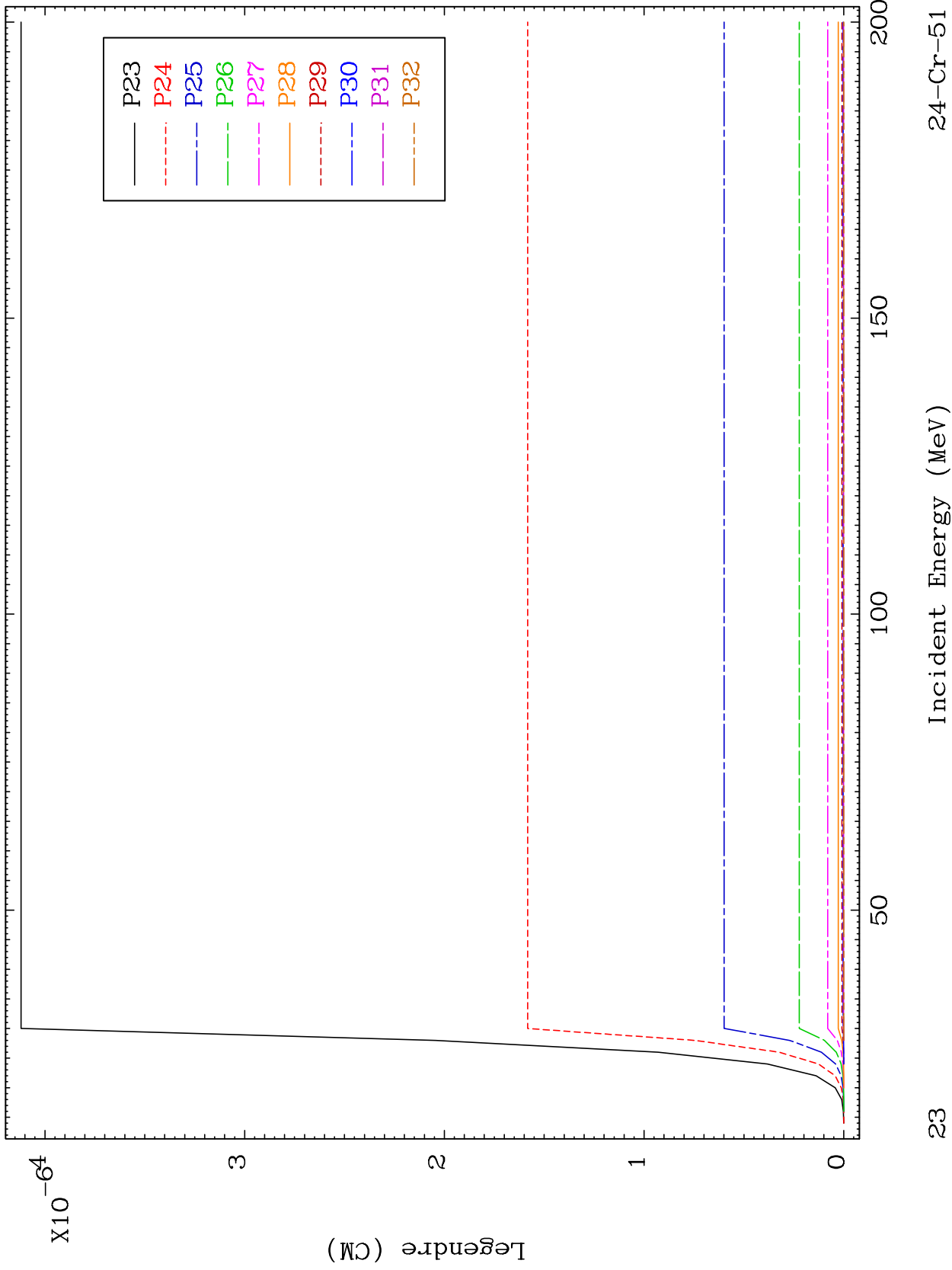
24-Cr-51



MAT 2428

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

24-Cr-51

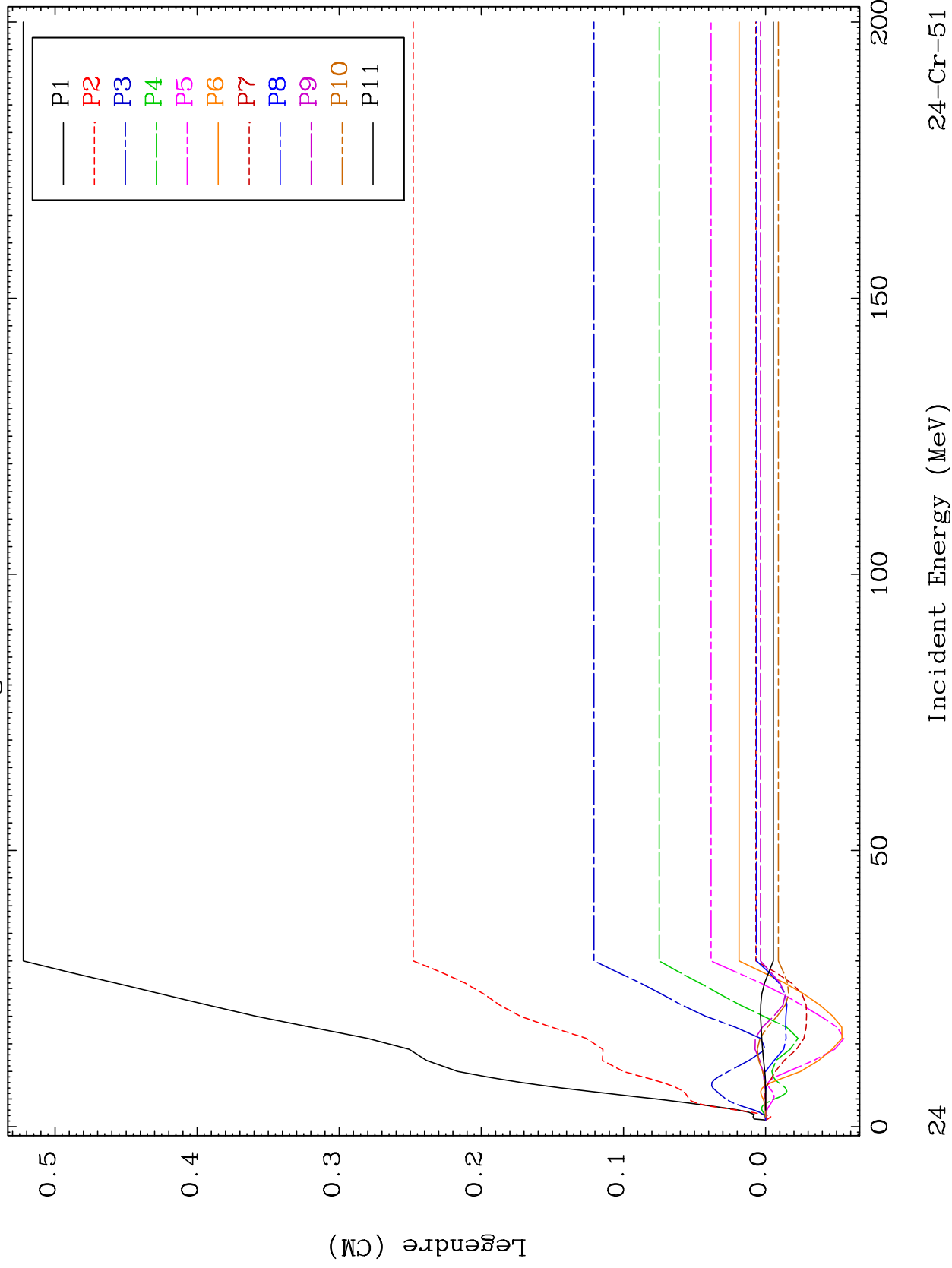




MAT 2428

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

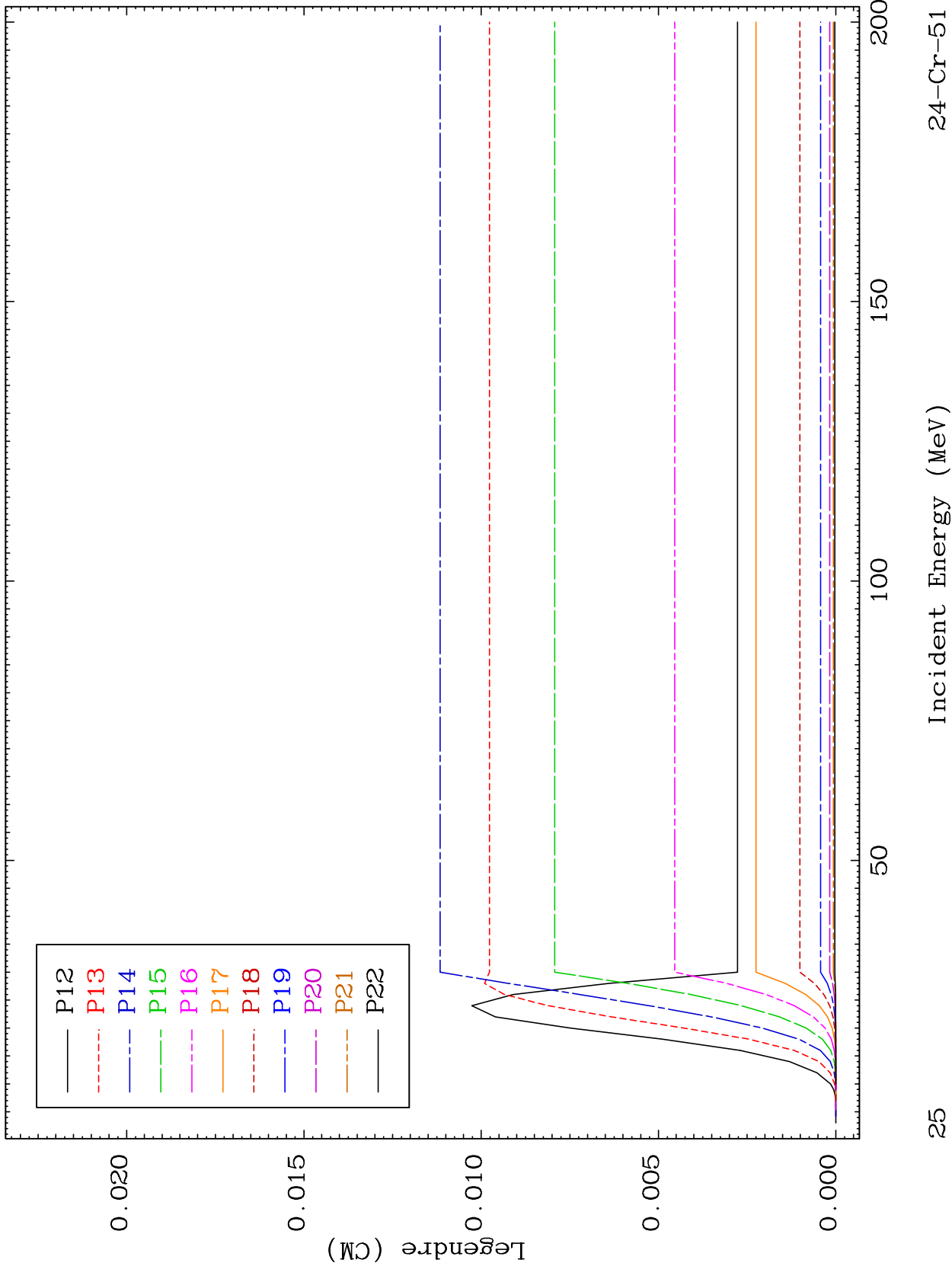
24-Cr-51



24-Cr-51

Incident Energy (MeV)

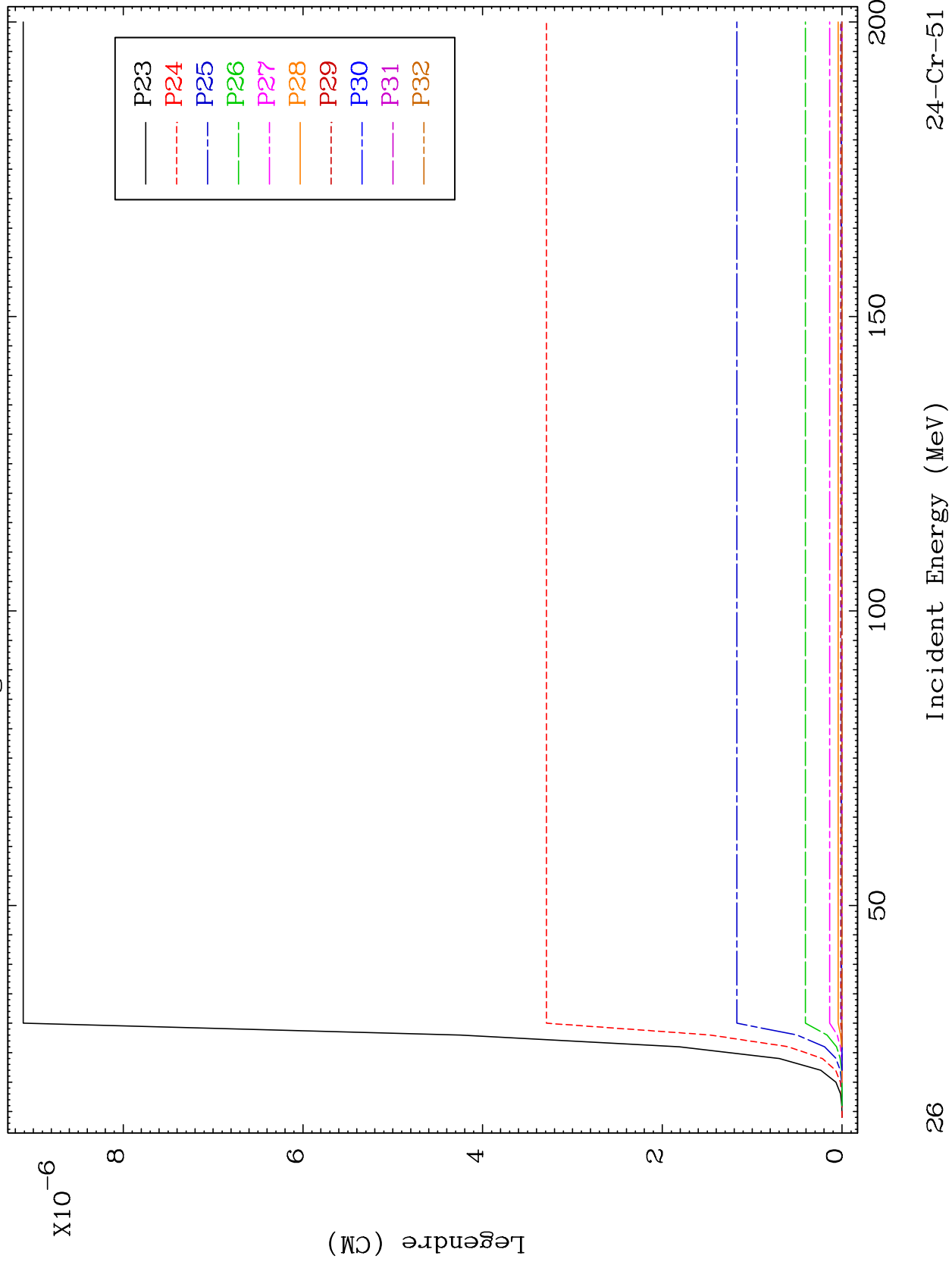
24



MAT 2428

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

24-Cr-51



26

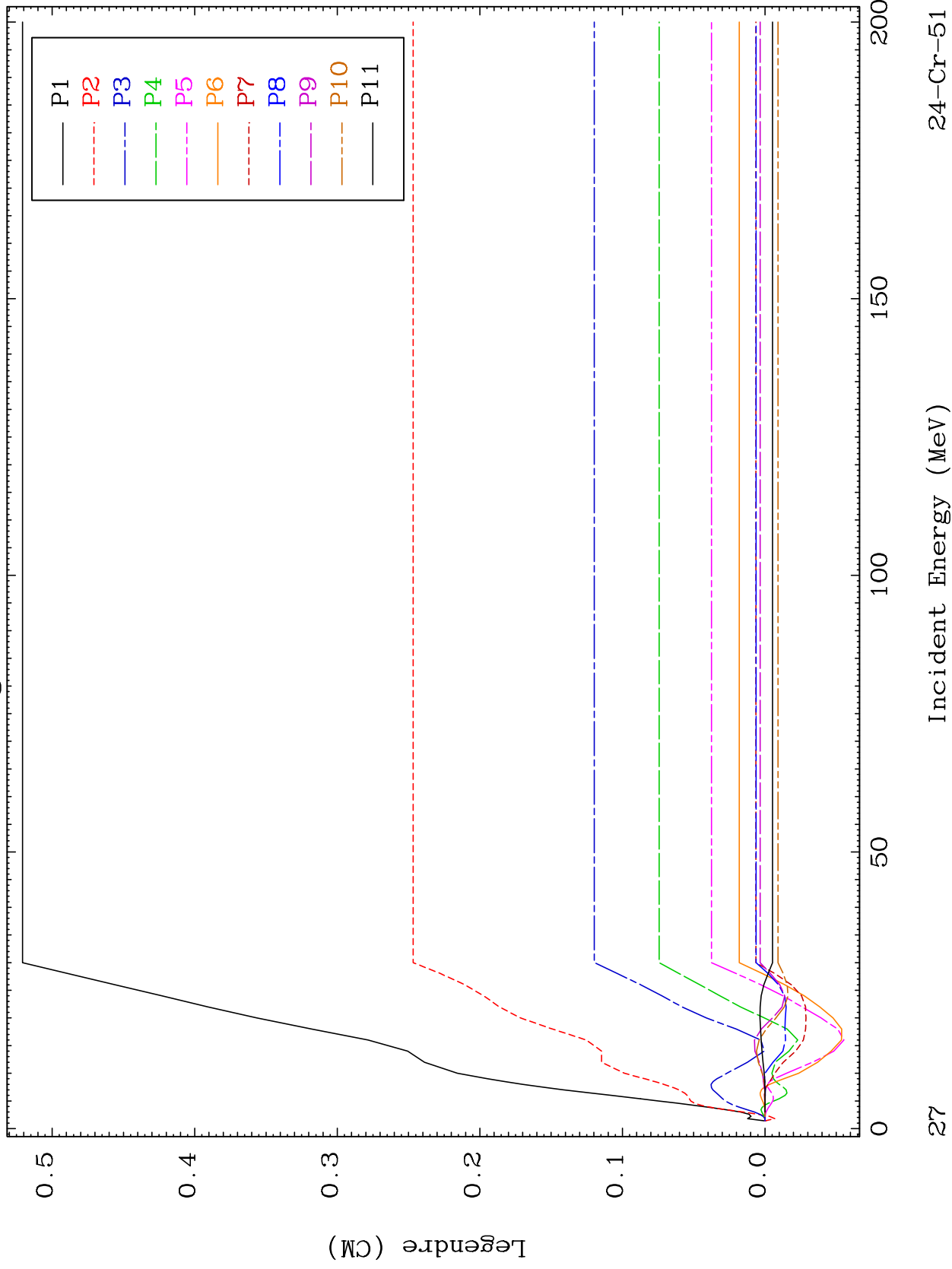
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



27

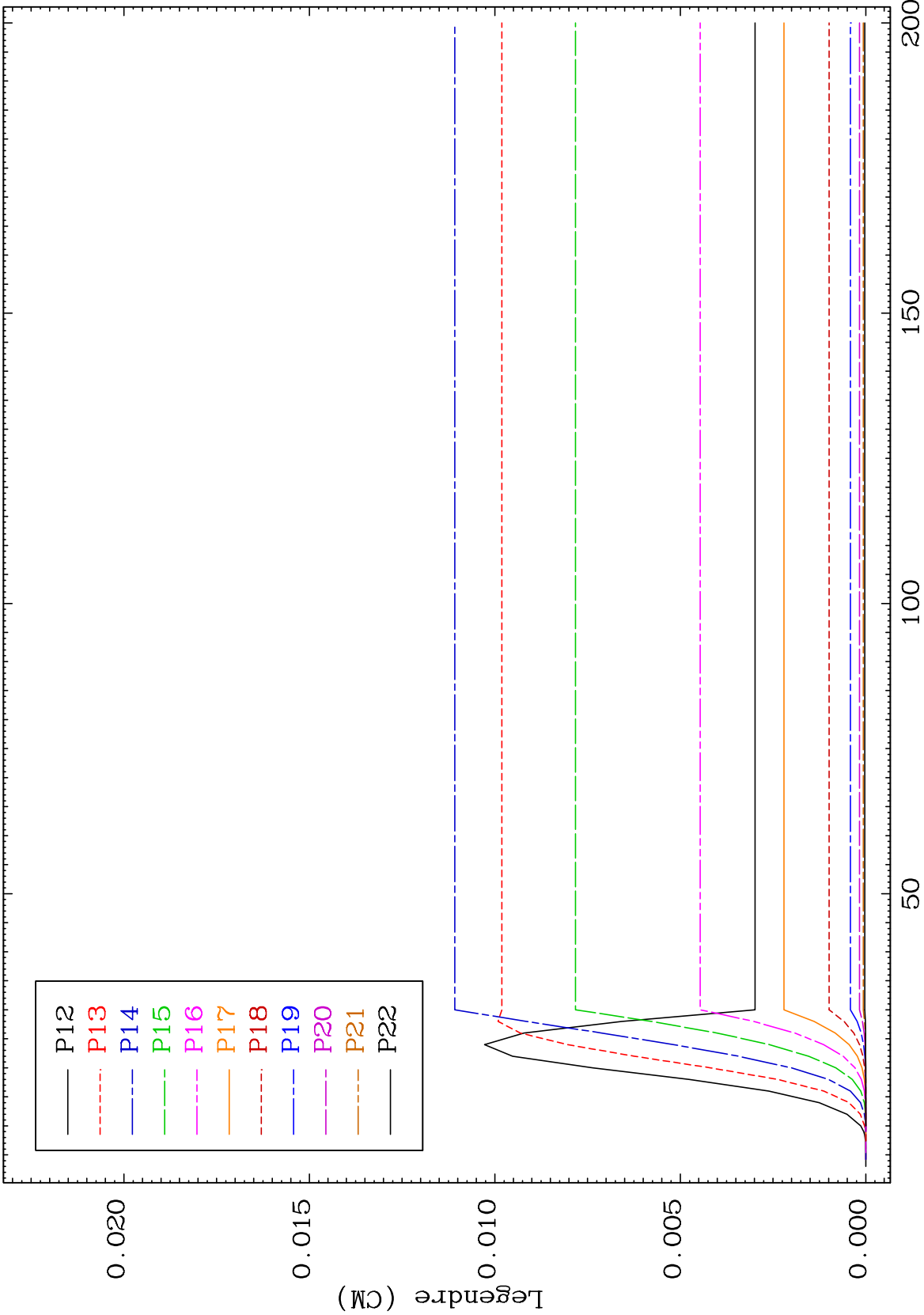
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



28

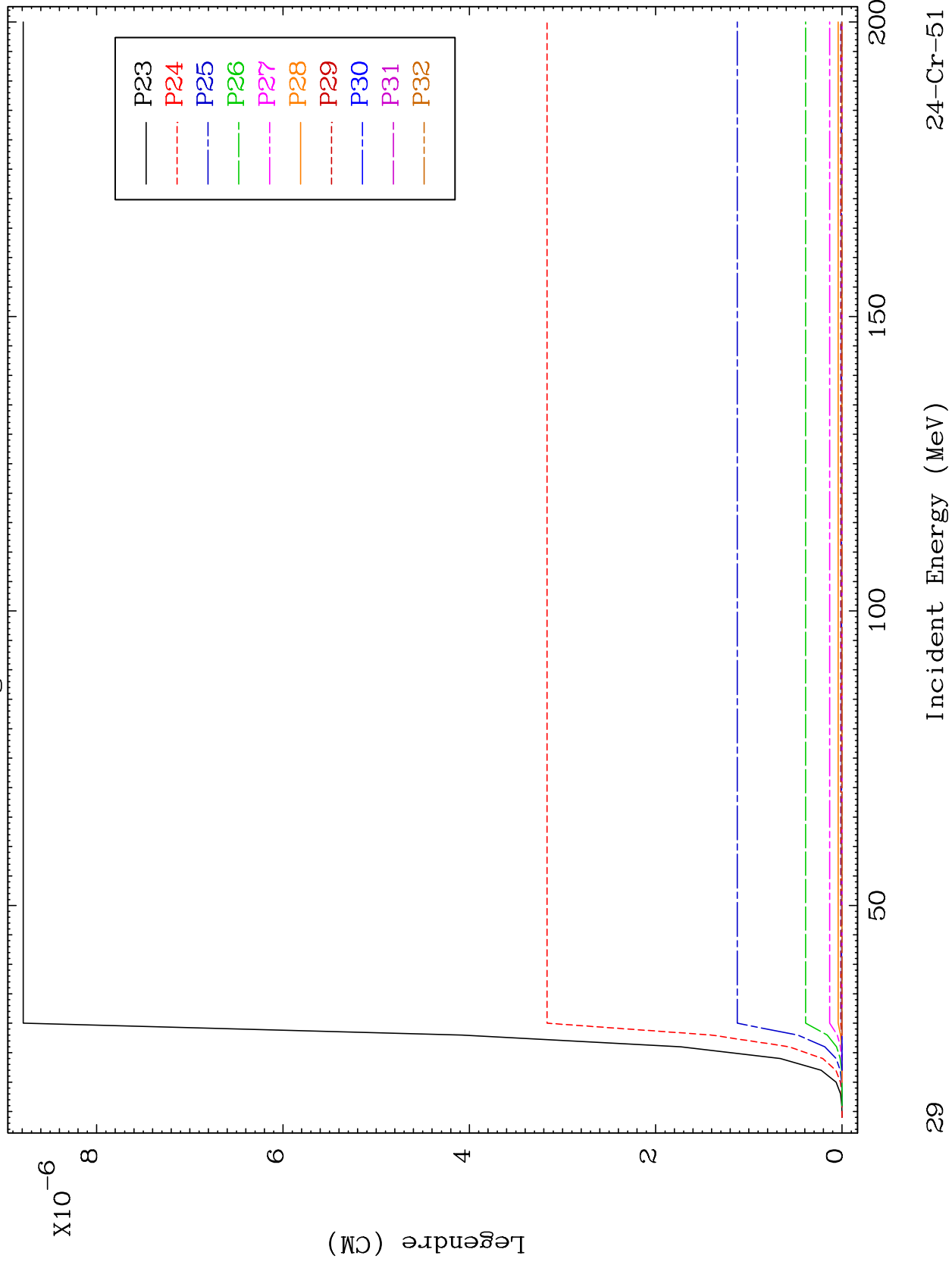
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



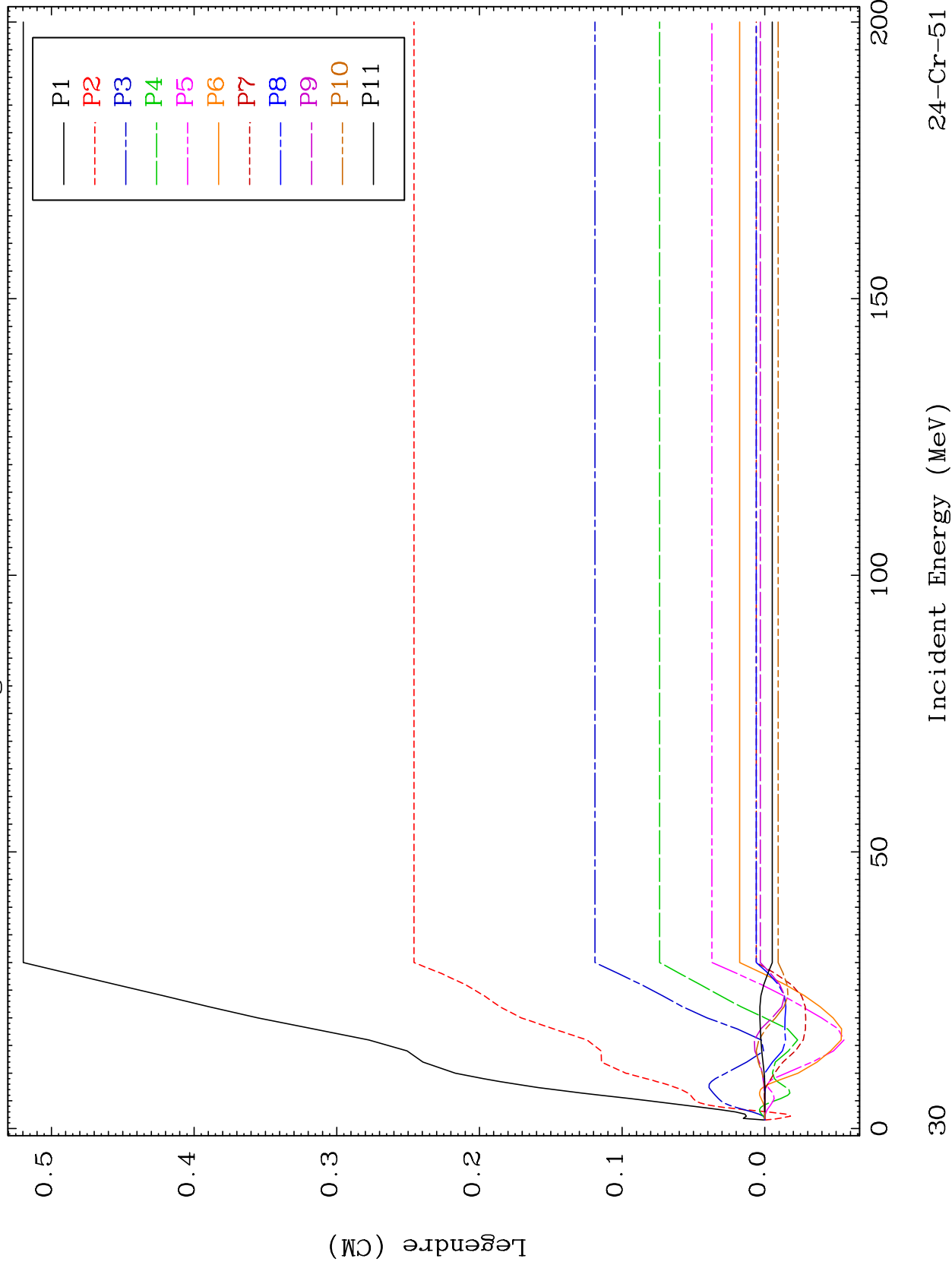
29

24-Cr-51

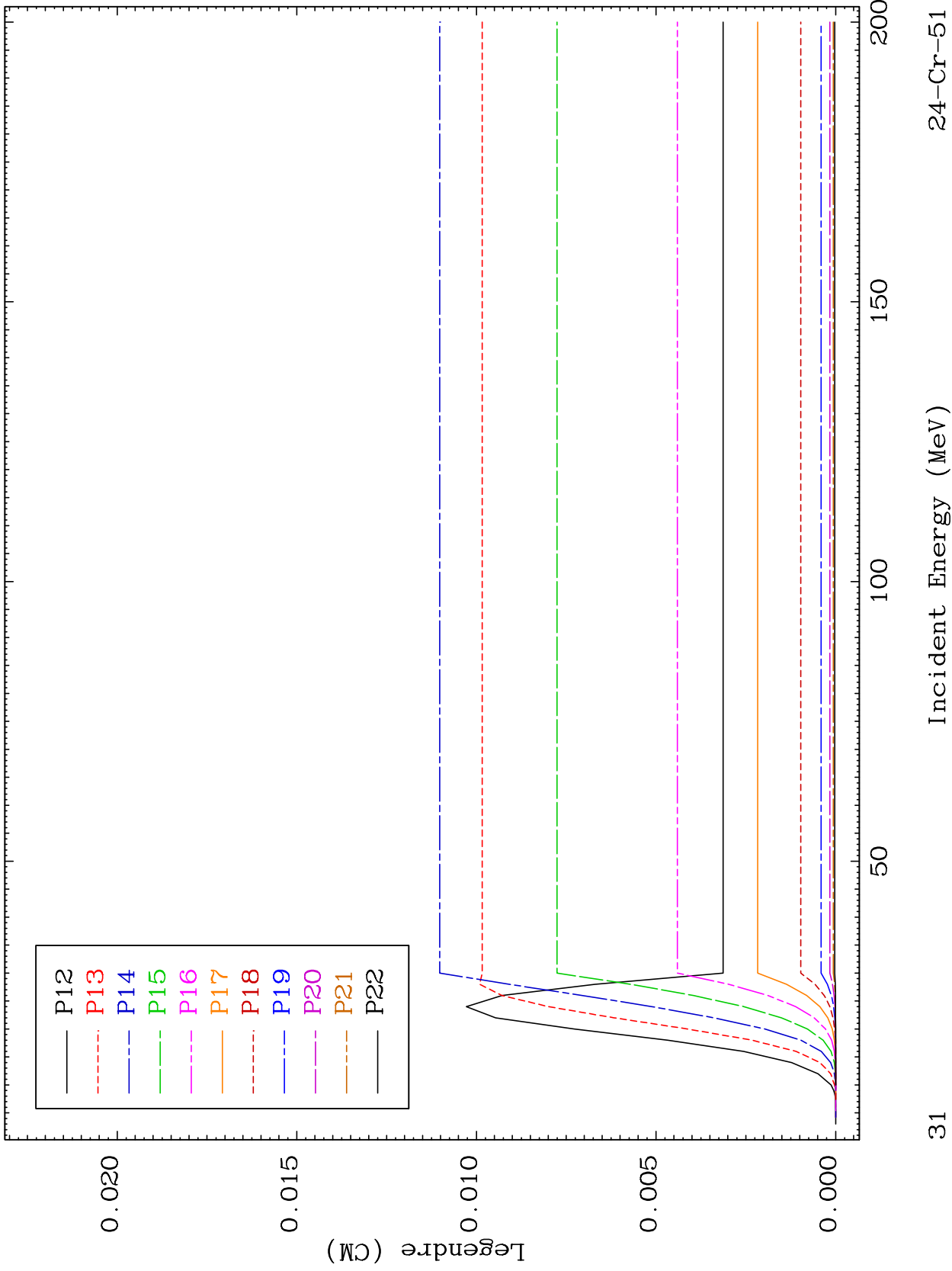
MAT 2428

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

24-Cr-51



24-Cr-51

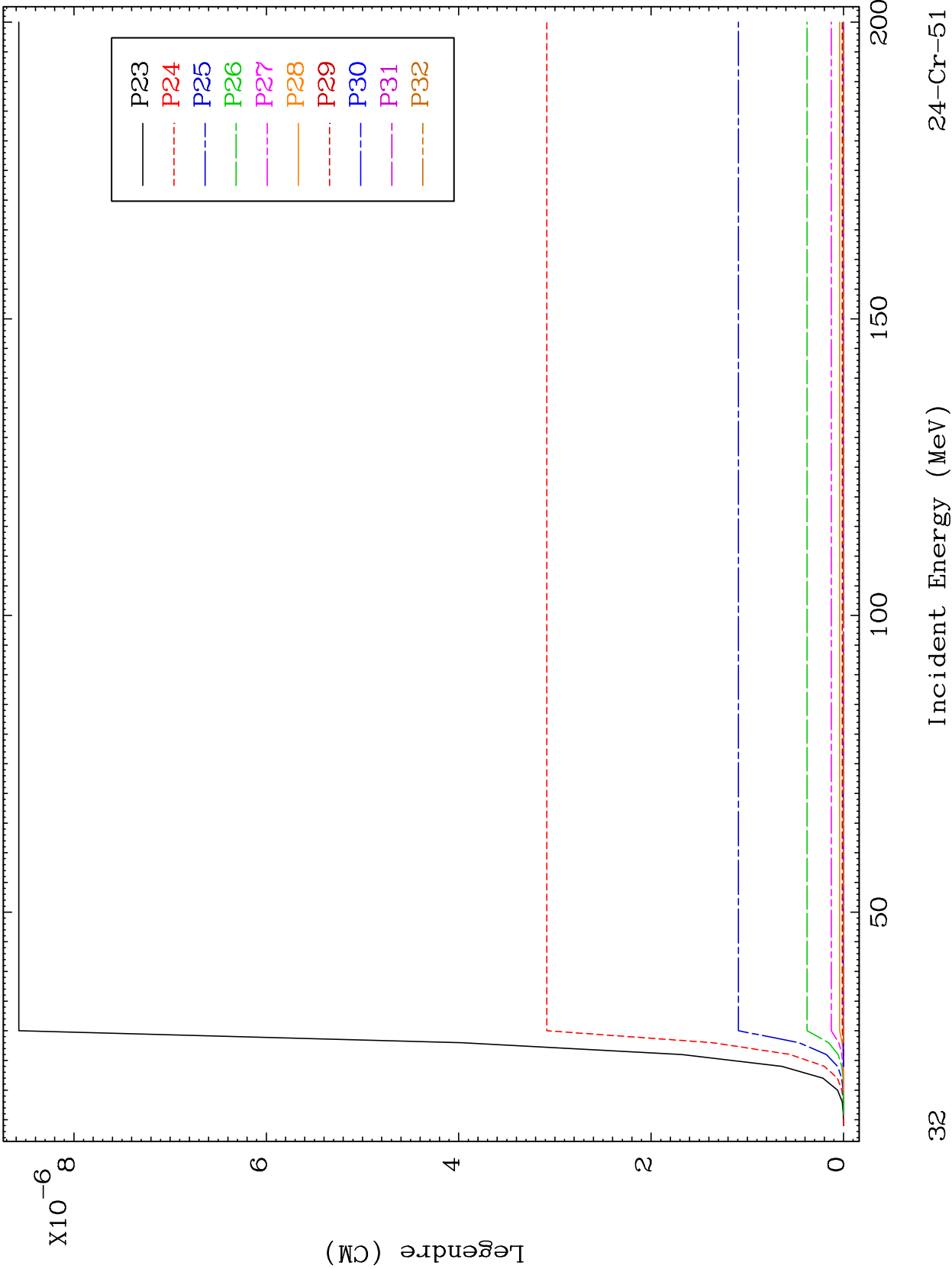




MAT 2428

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

24-Cr-51



32

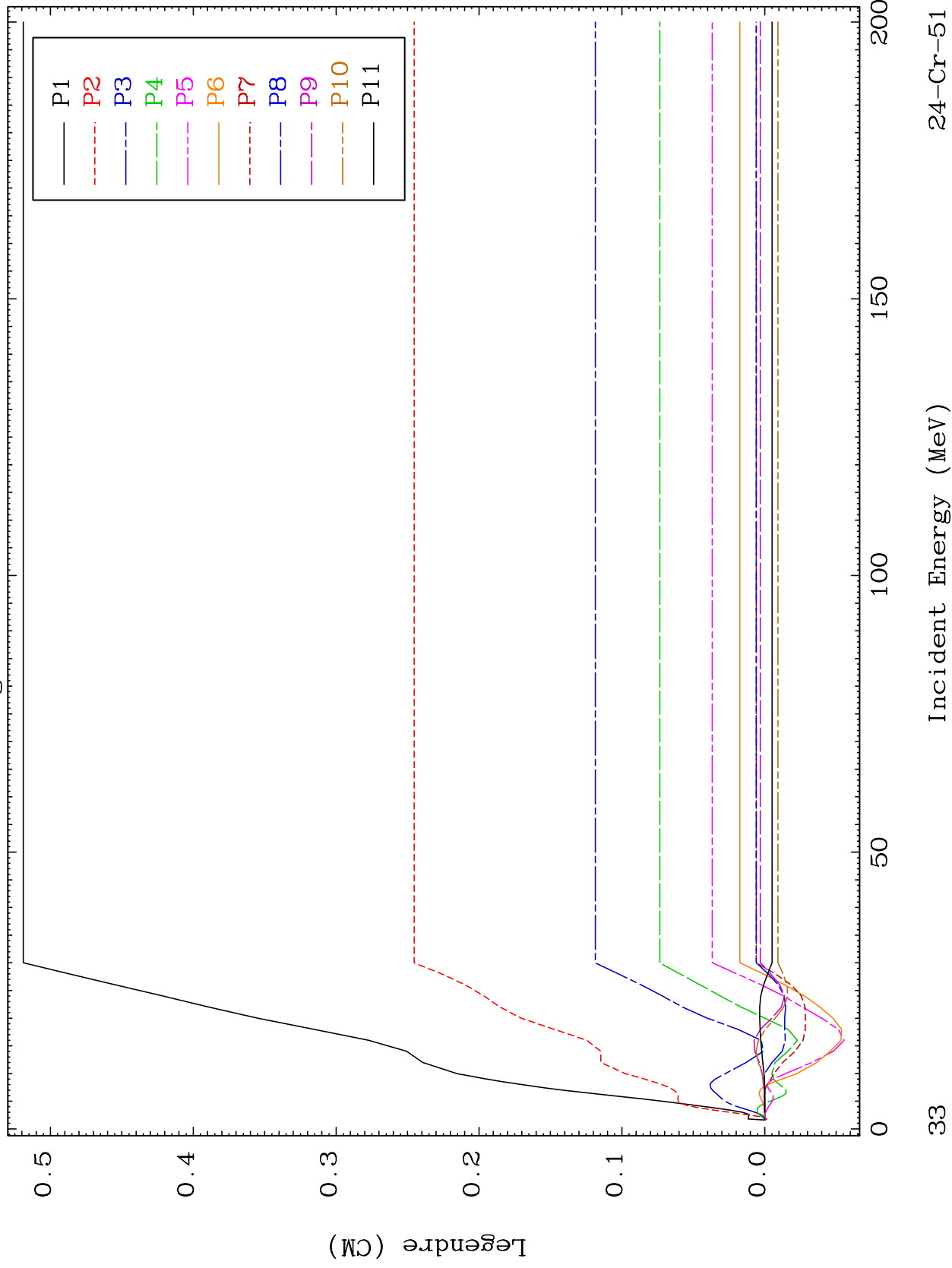
Incident Energy (MeV)

24-Cr-51

MAT 2428

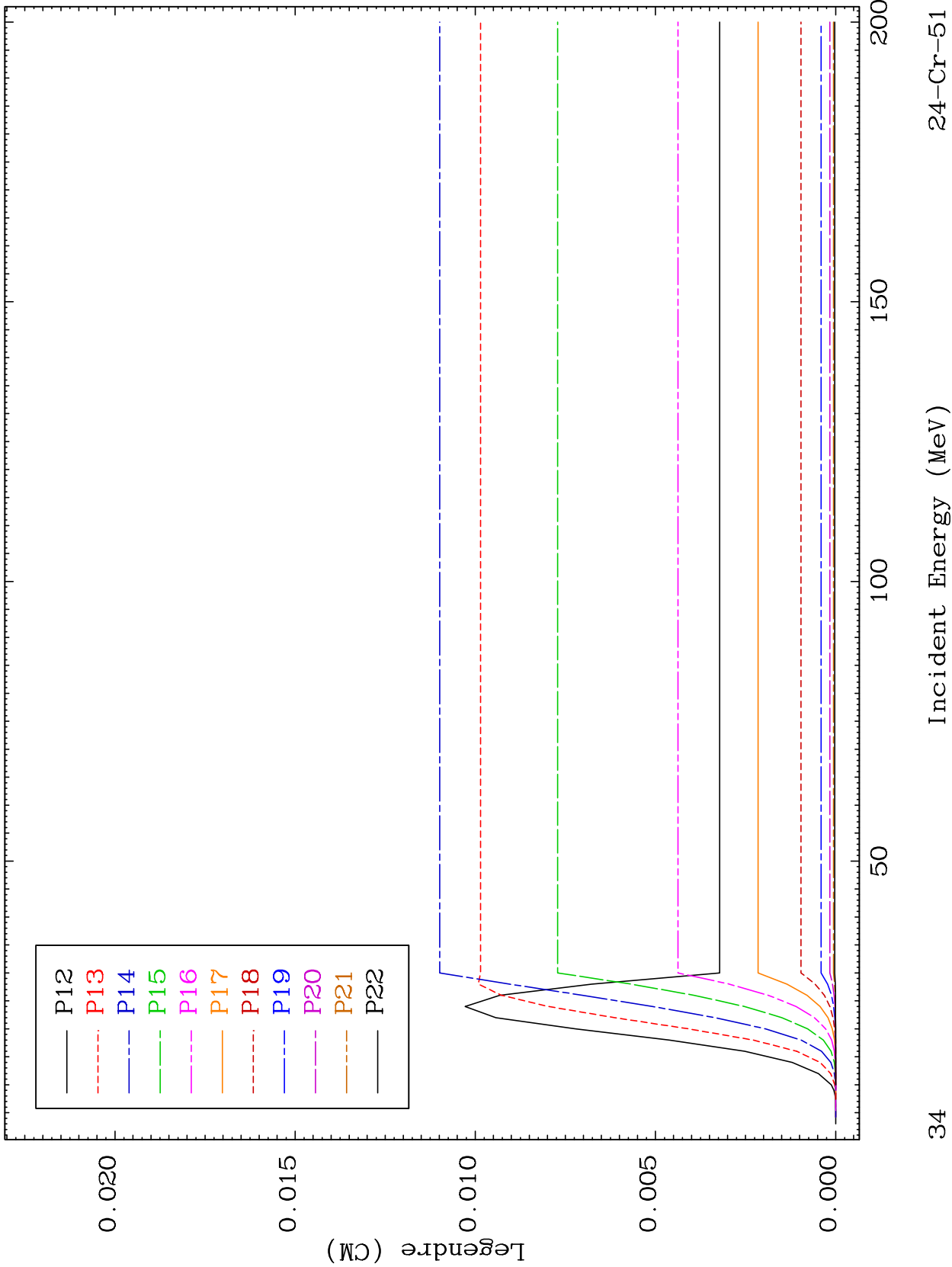
MT= 56 (n,n') Level  
Legendre Coefficients

24-Cr-51



33

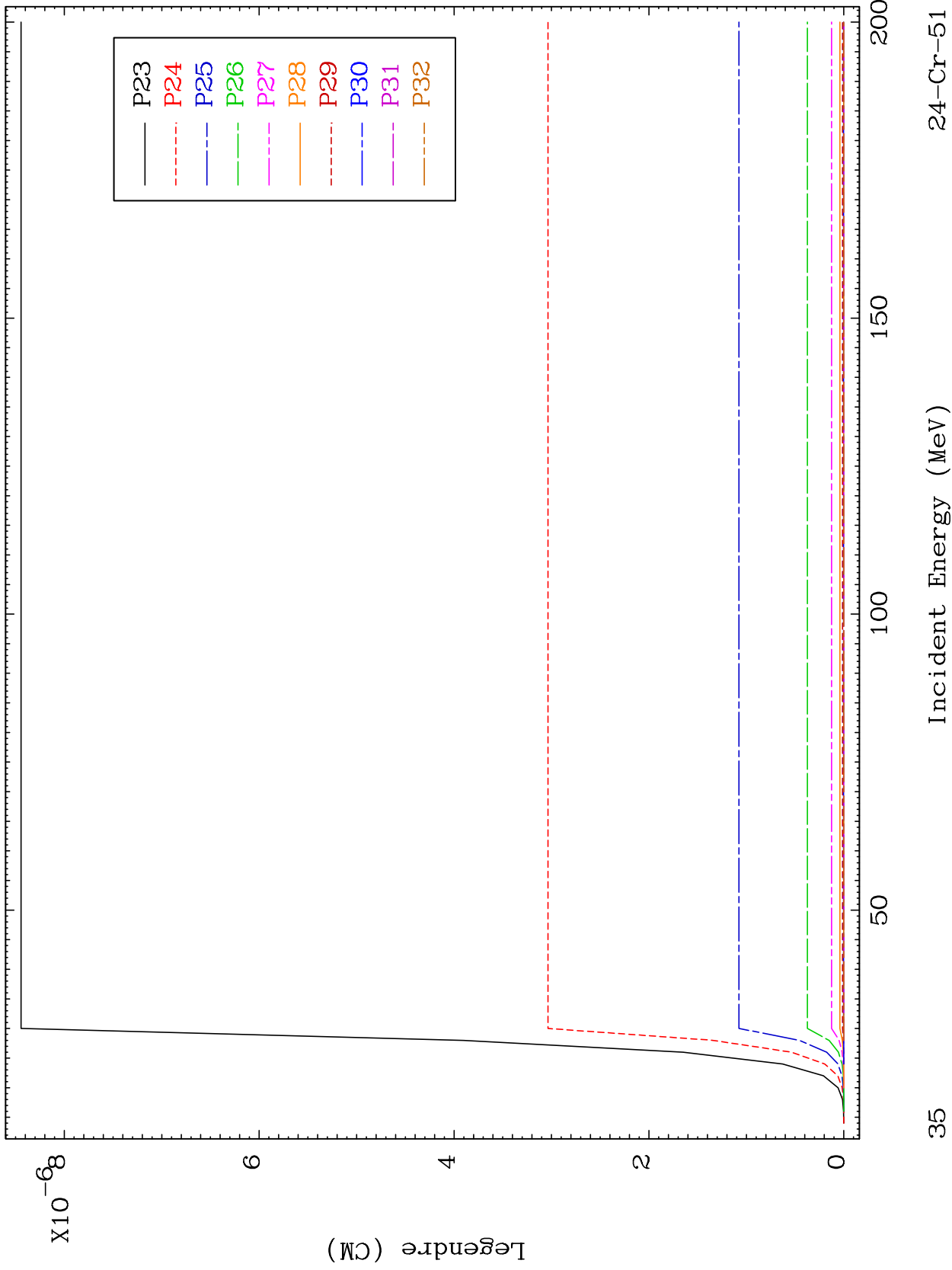
24-Cr-51



MAT 2428

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

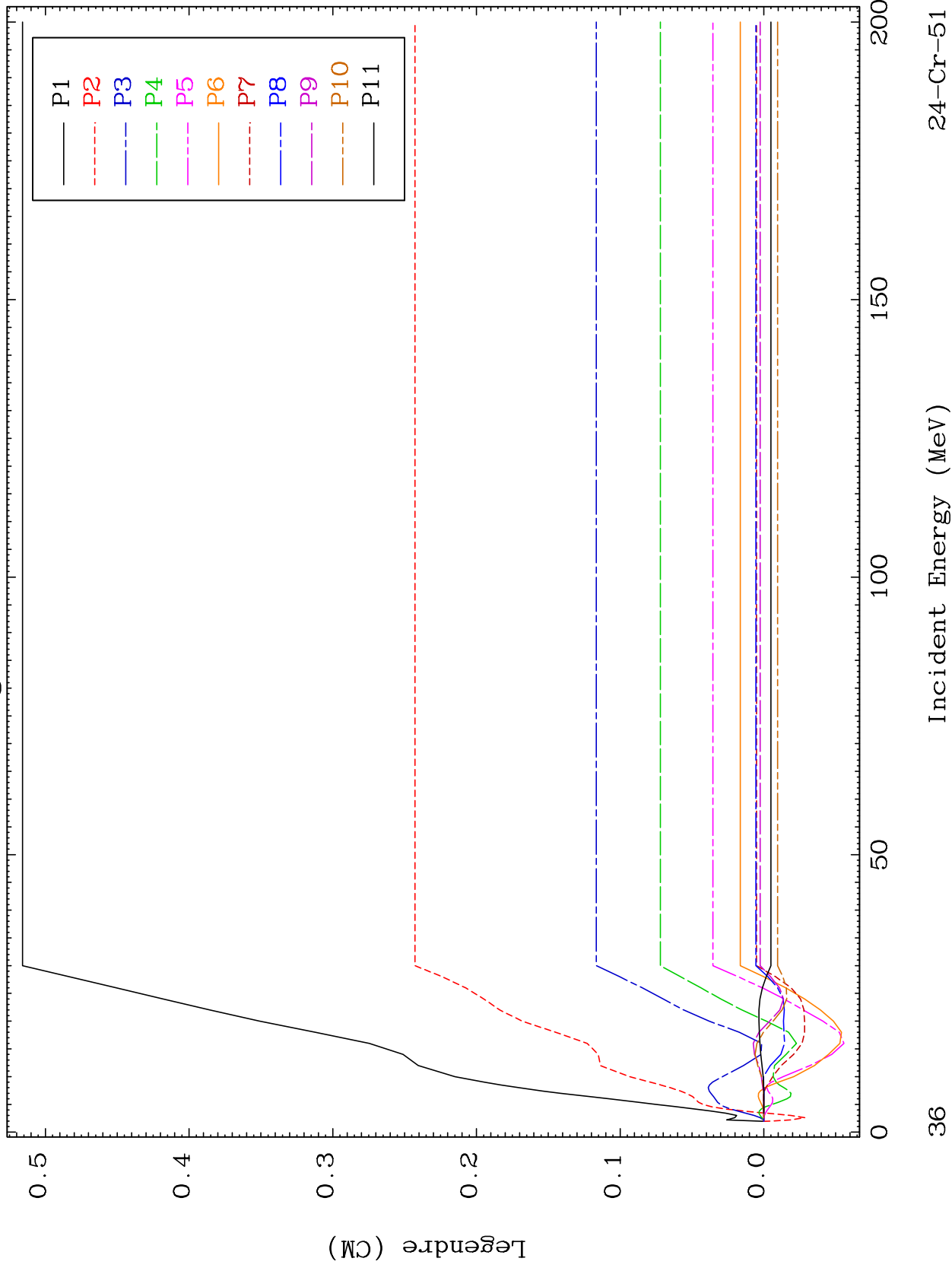
24-Cr-51

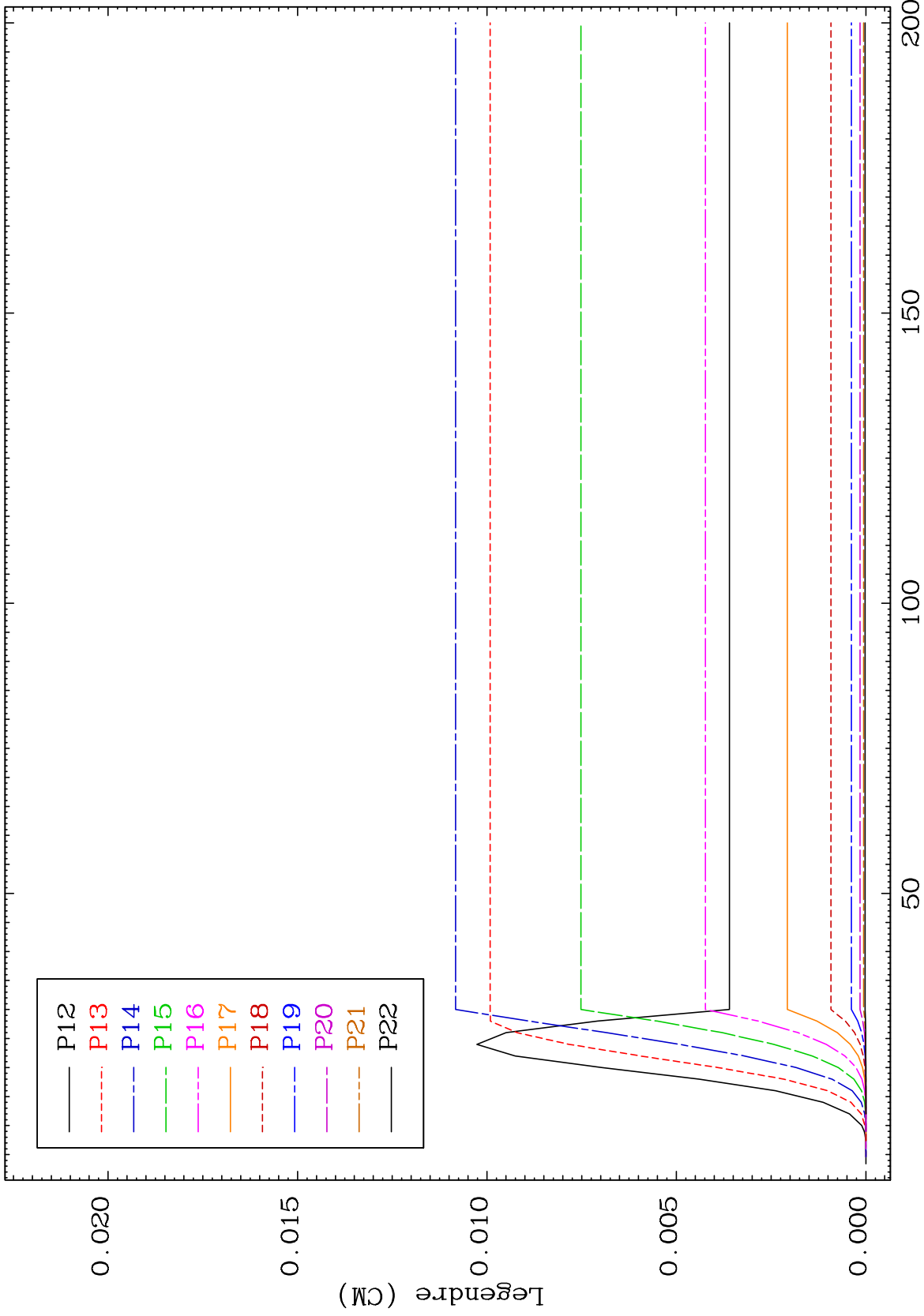


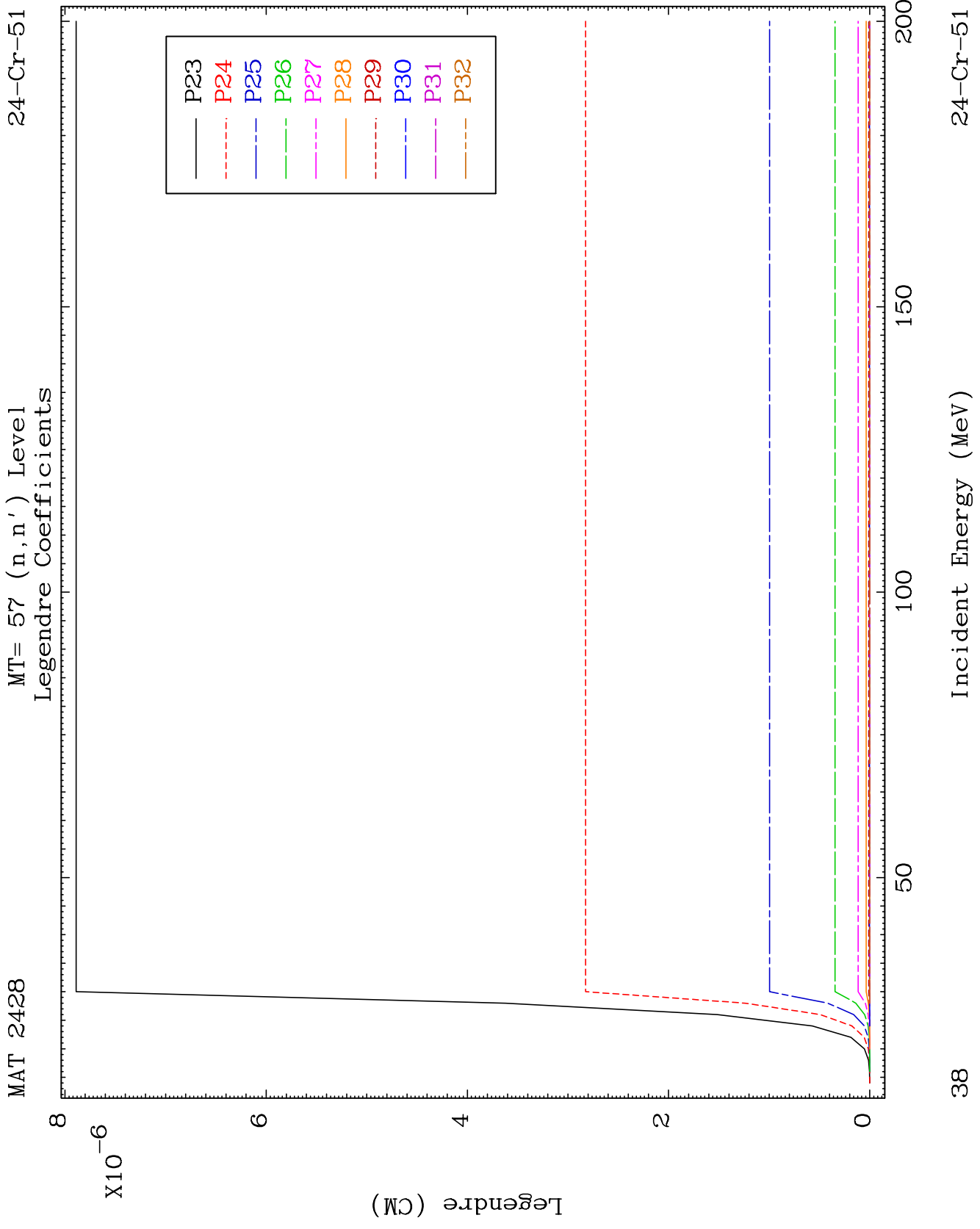
MAT 2428

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

24-Cr-51



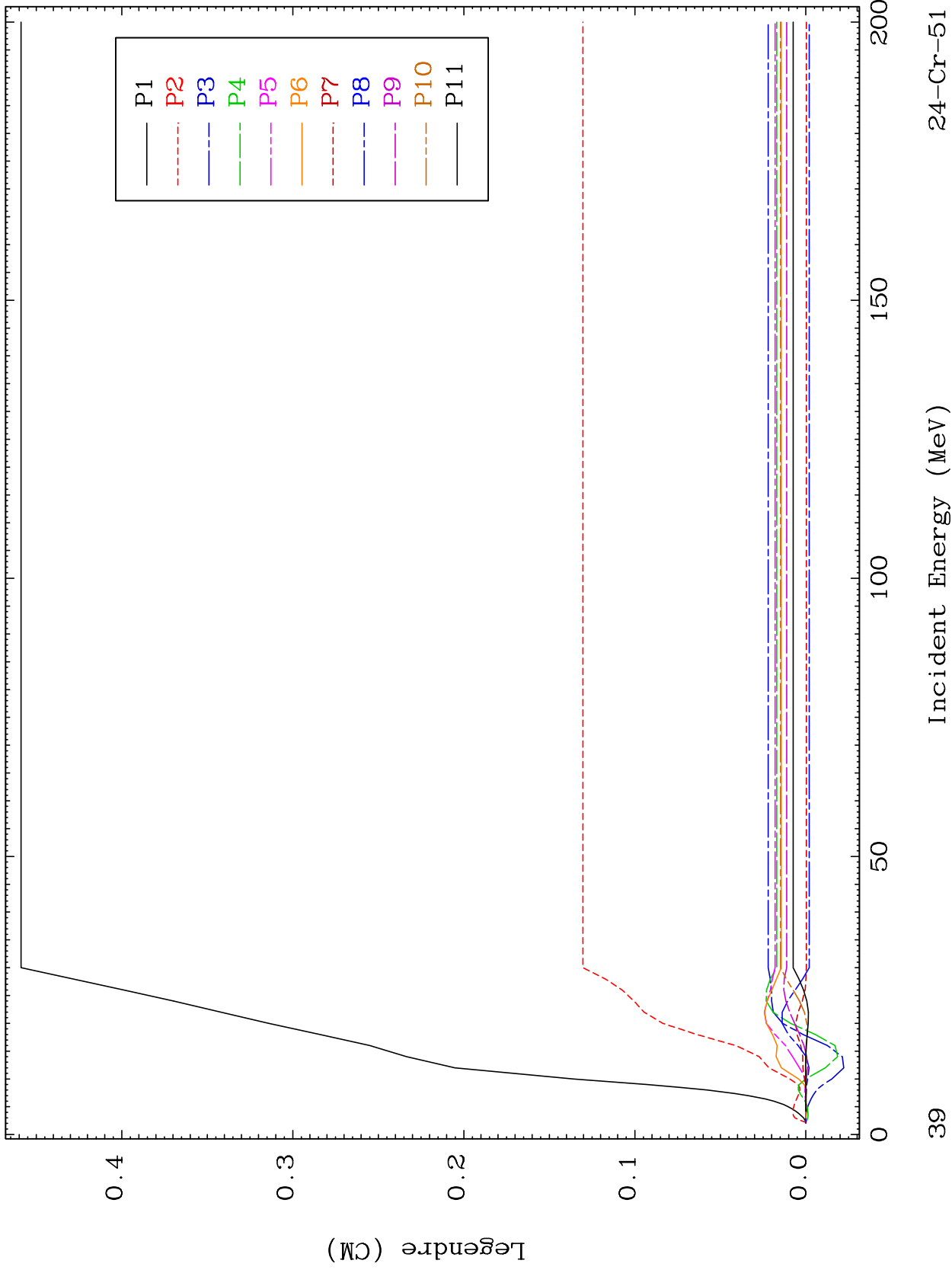




MAT 2428

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

24-Cr-51



24-Cr-51

Incident Energy (MeV)

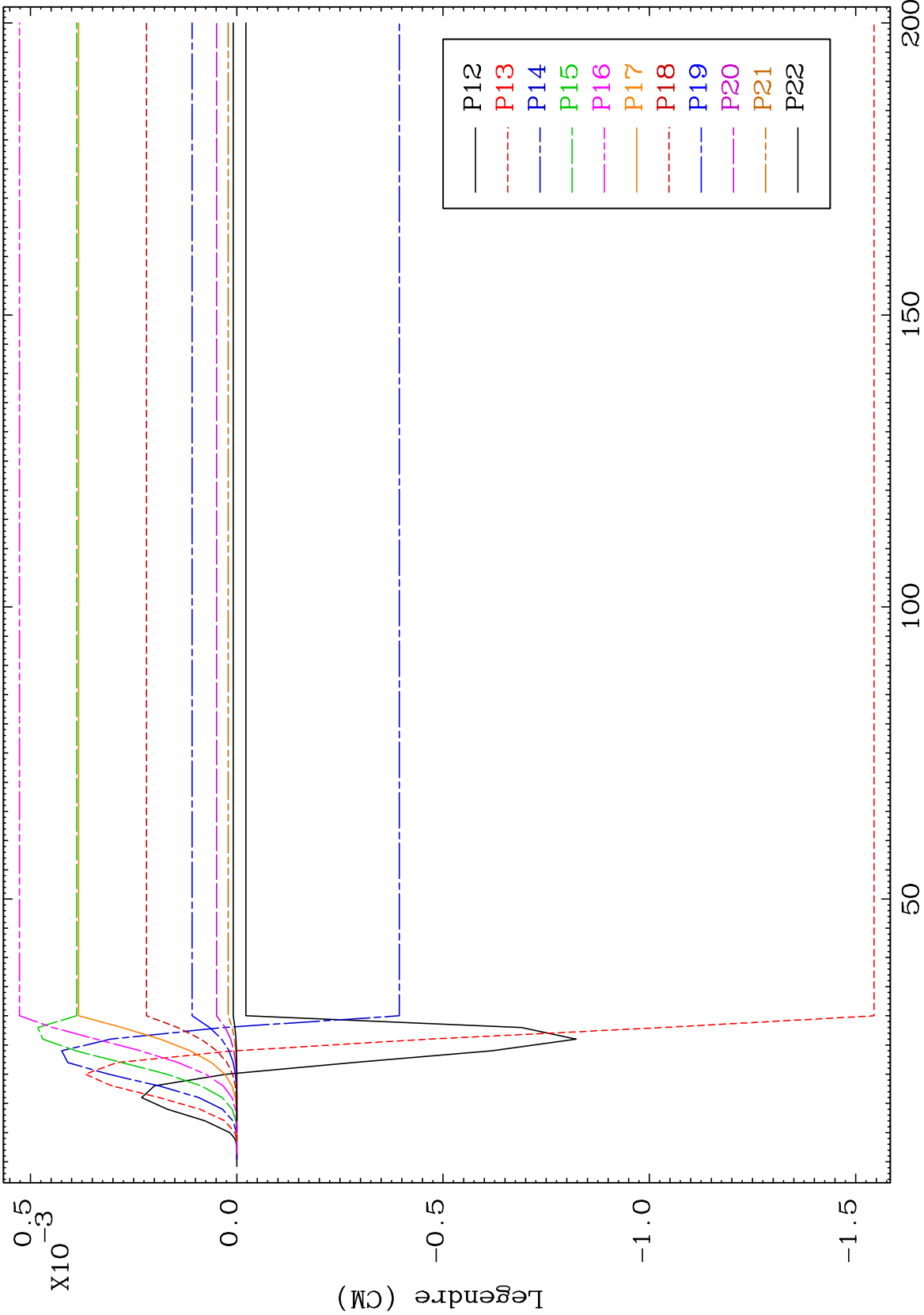
39



MAT 2428

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

24-Cr-51



40

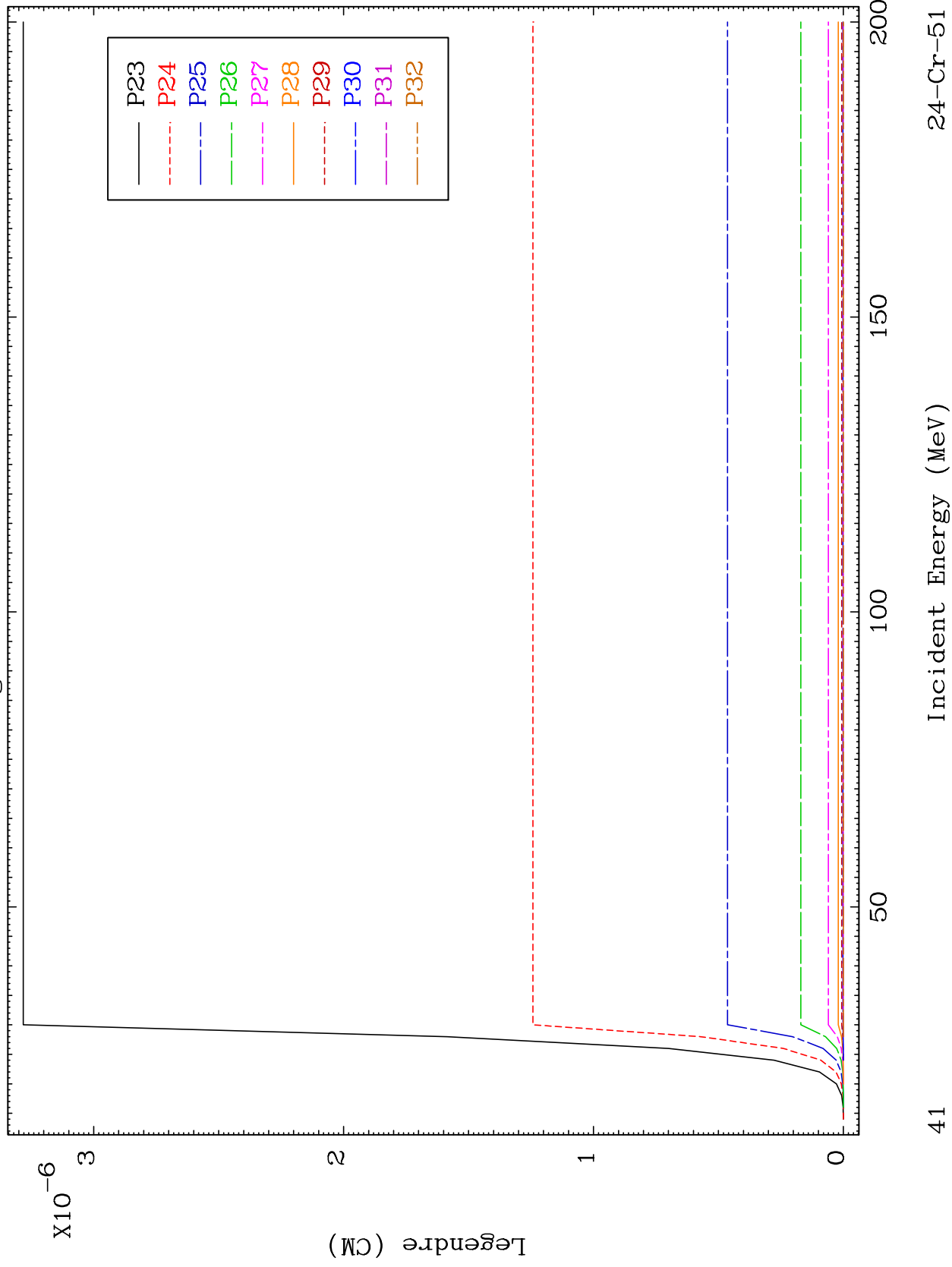
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



41

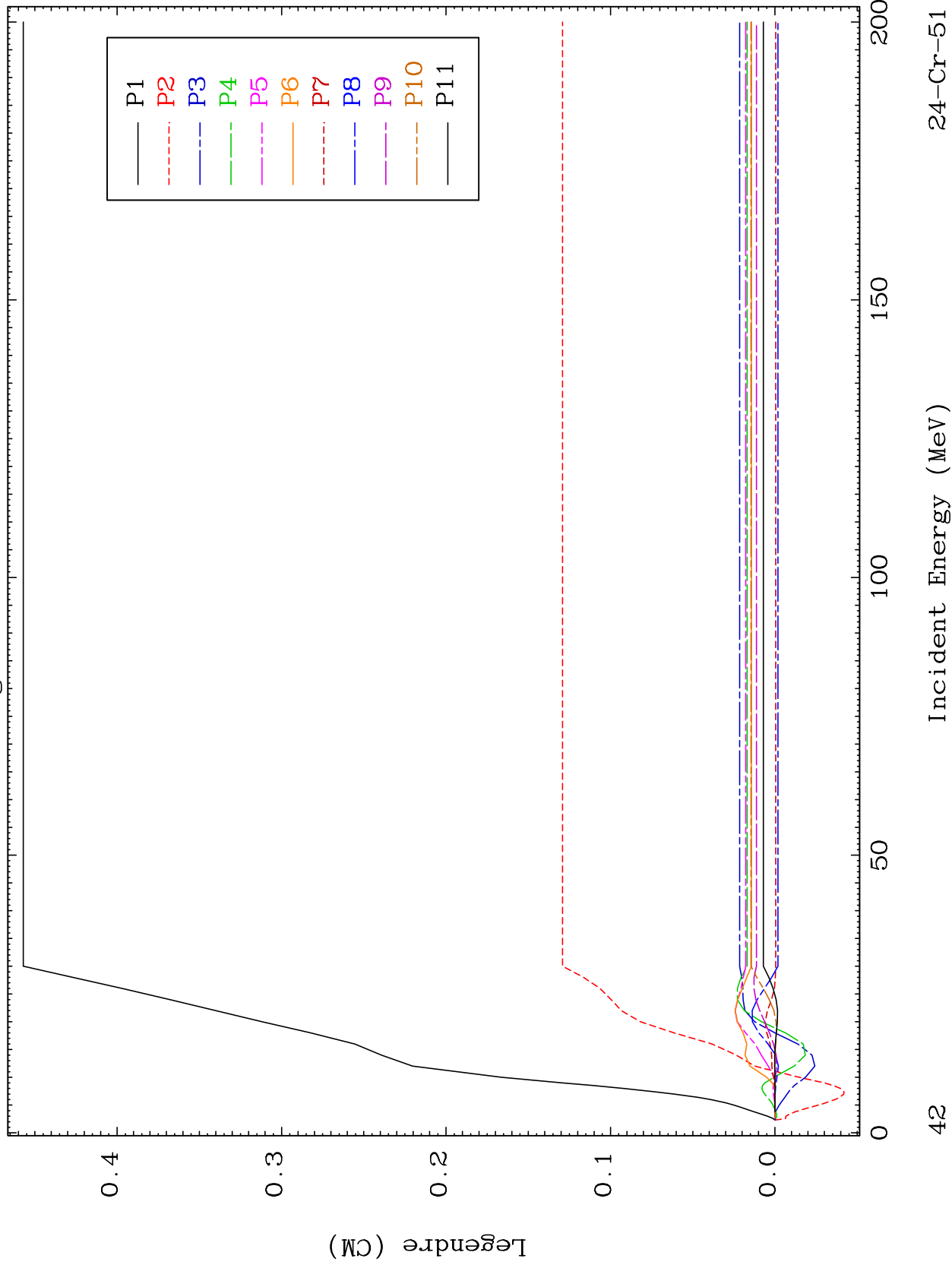
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



42

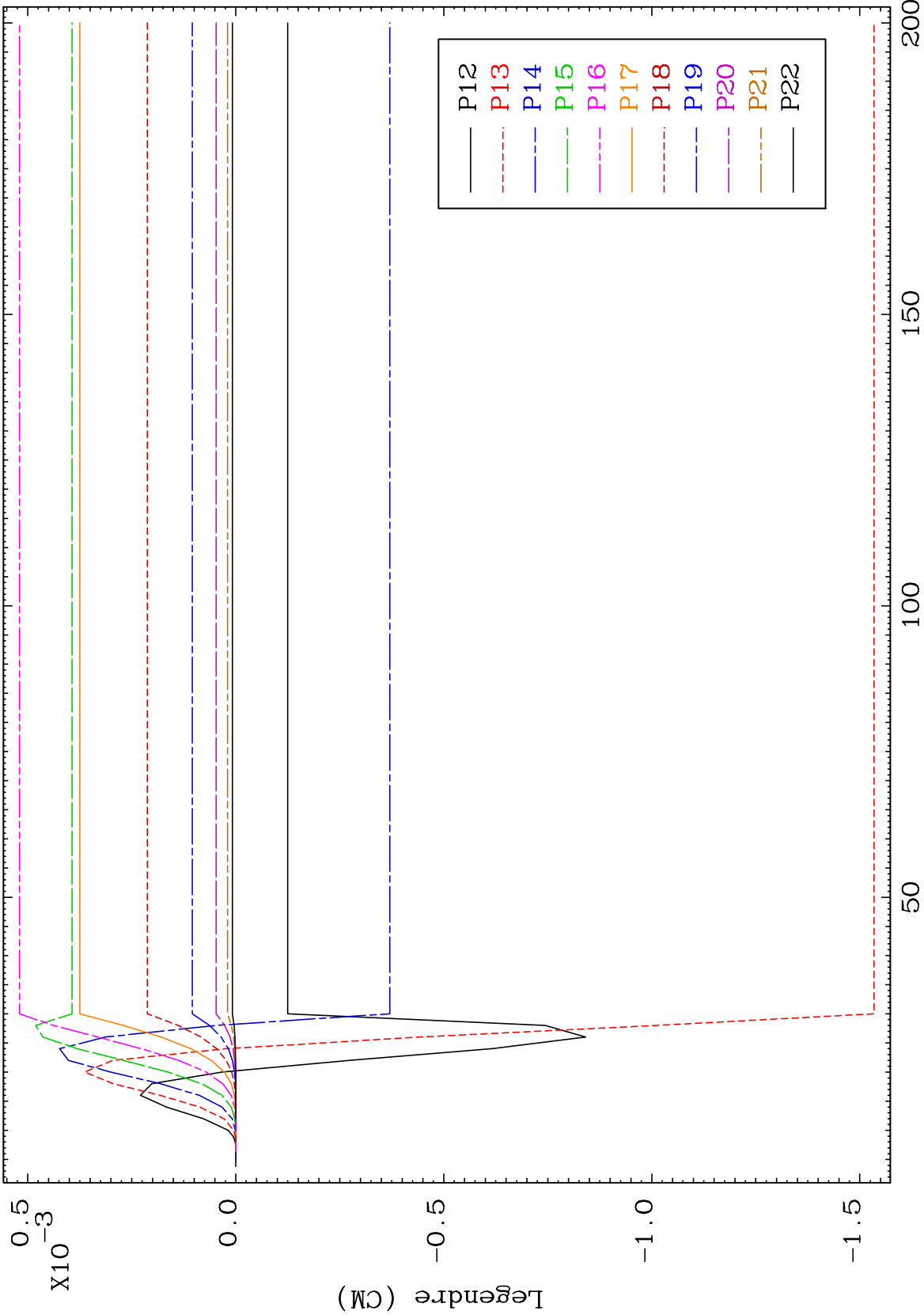
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



43

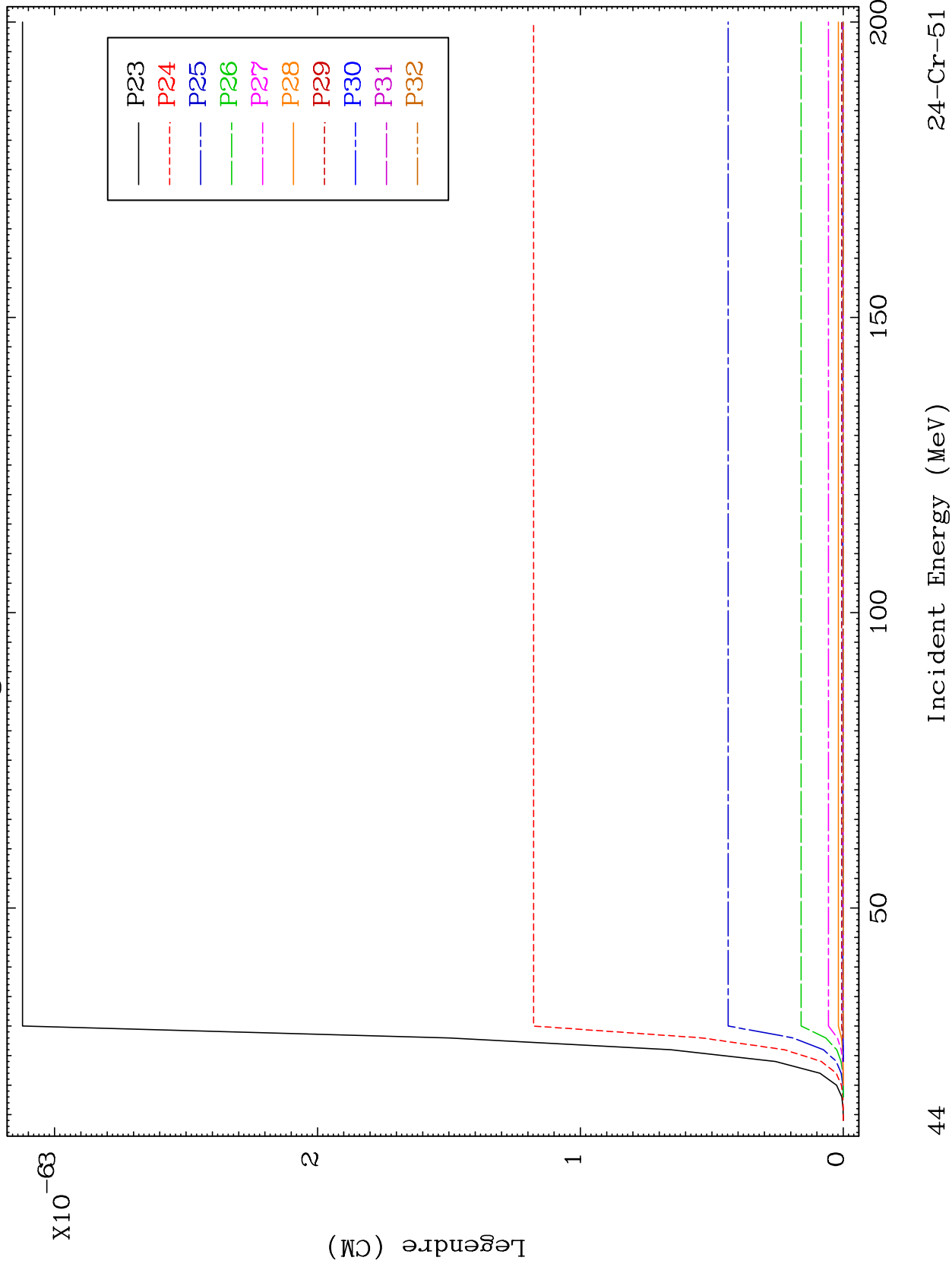
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



44

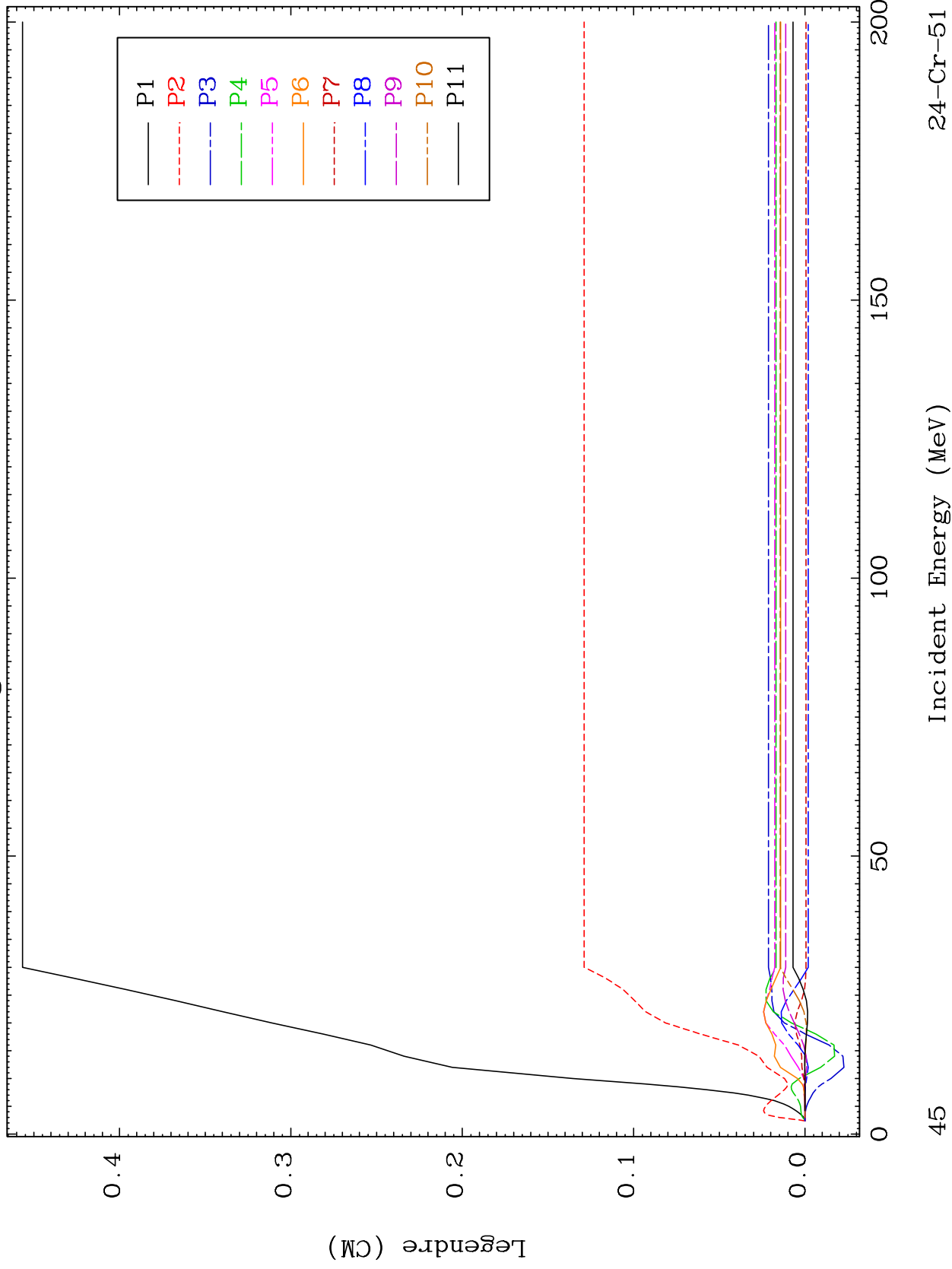
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



24-Cr-51

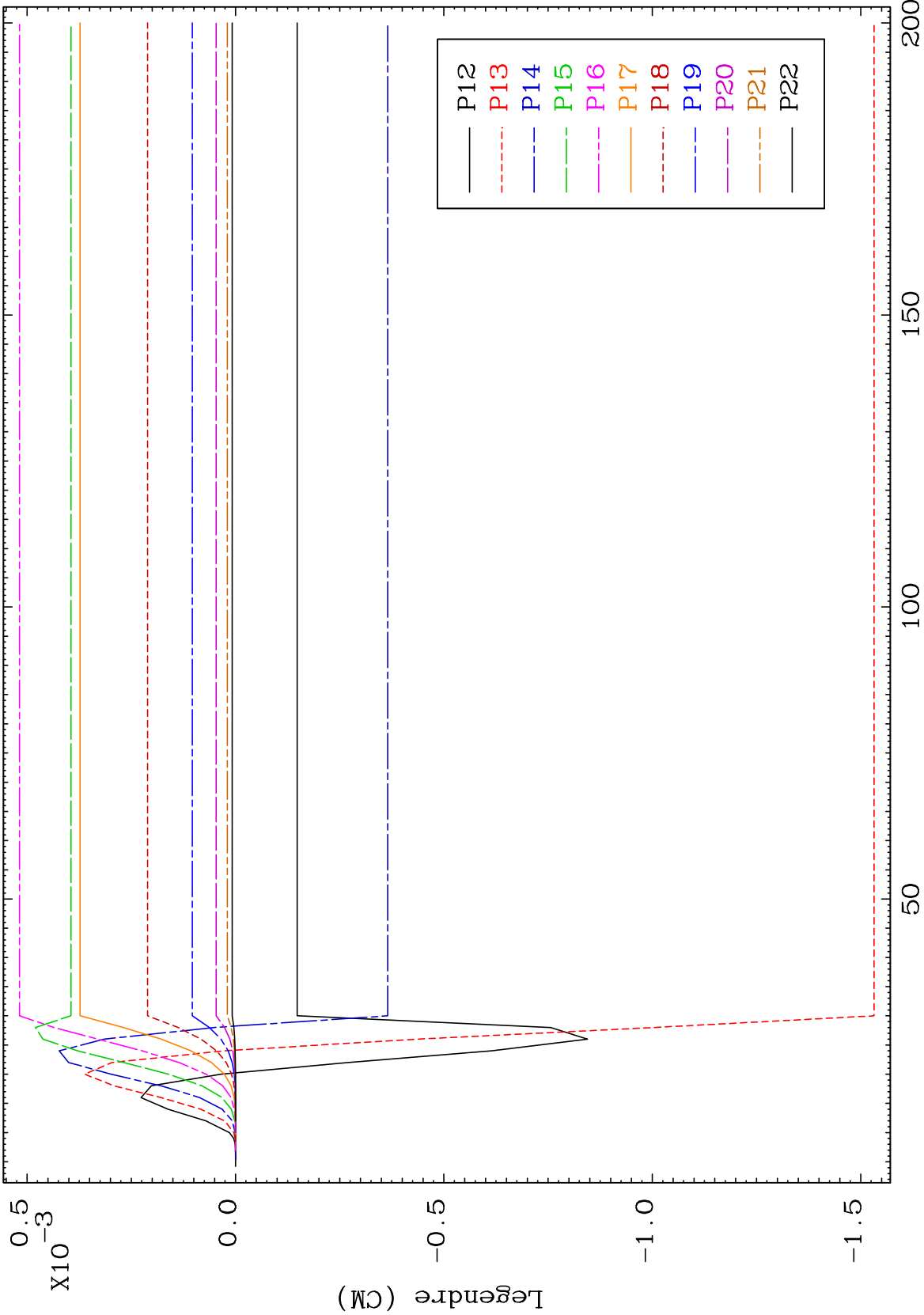
Incident Energy (MeV)

45

MAT 2428

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

24-Cr-51



46

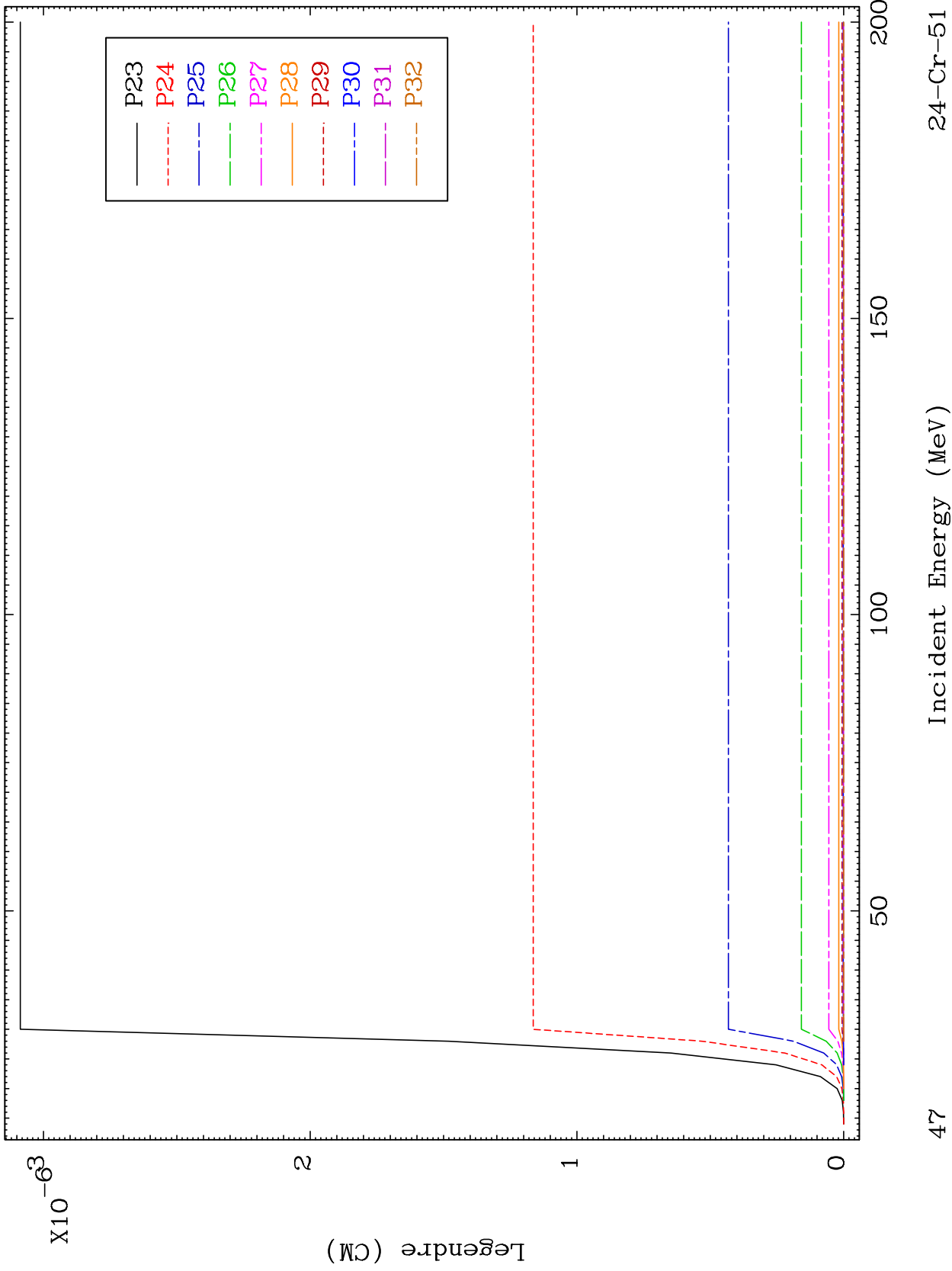
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

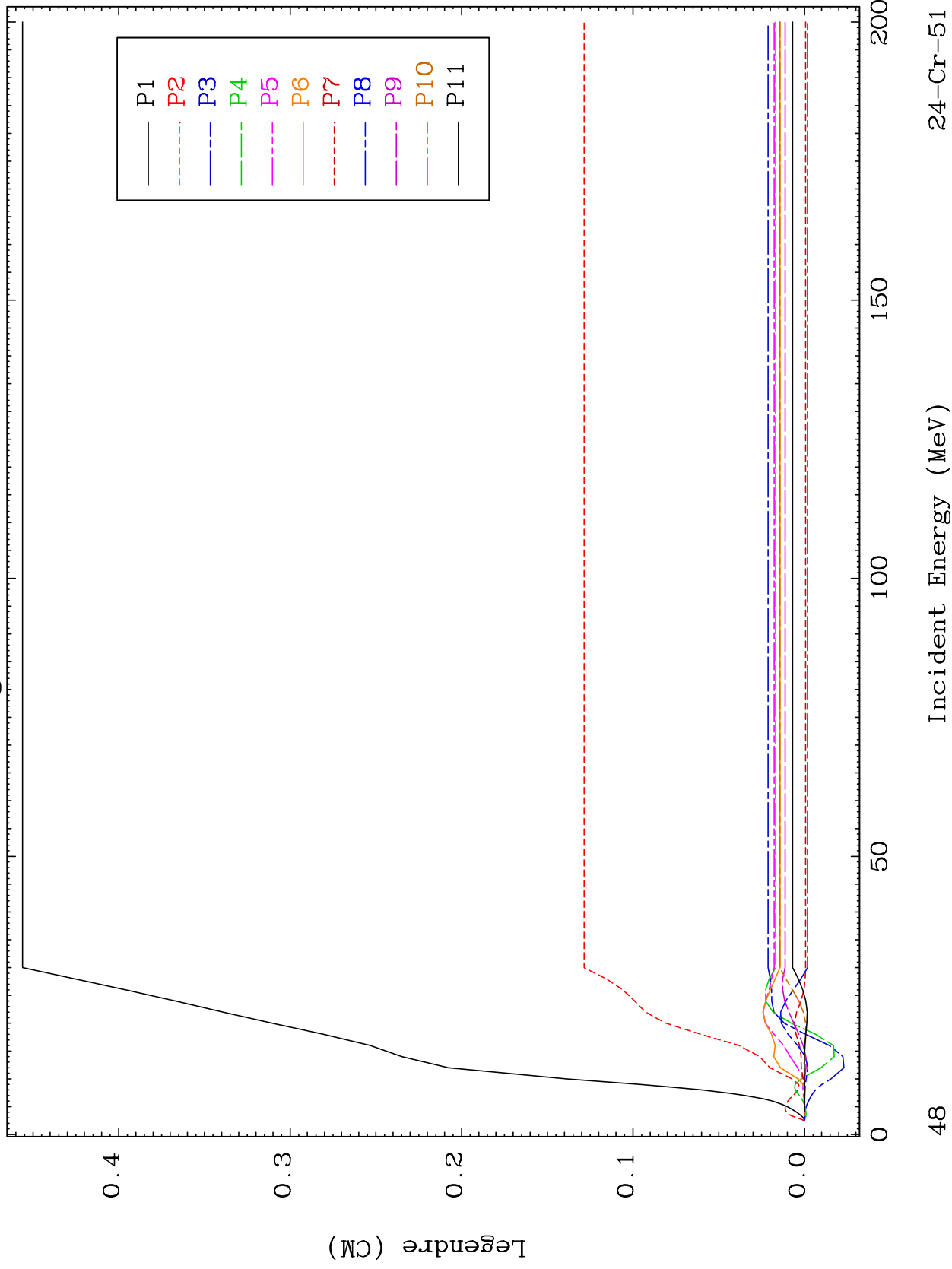




MAT 2428

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

24-Cr-51



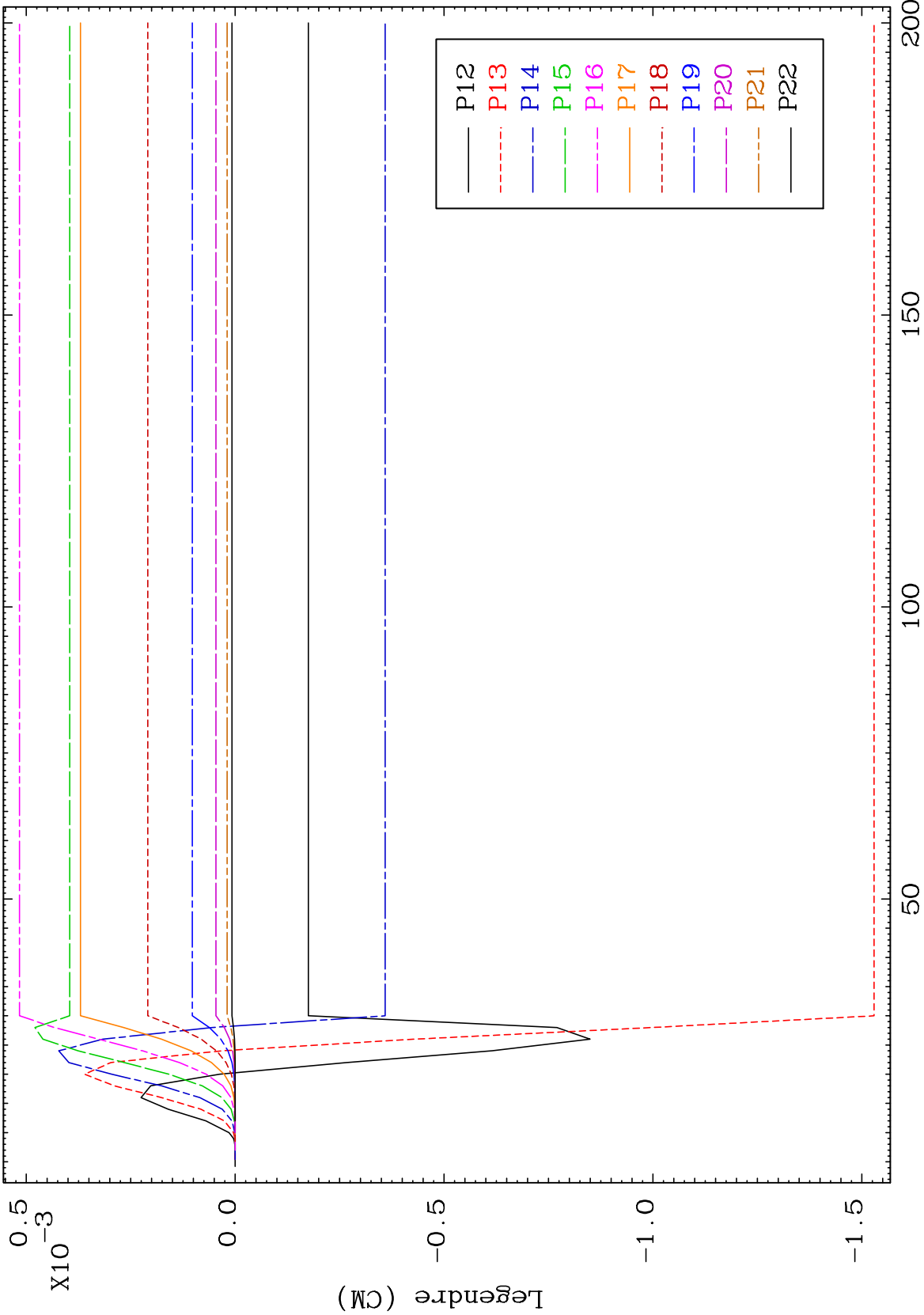
48

24-Cr-51

MAT 2428

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

24-Cr-51



49

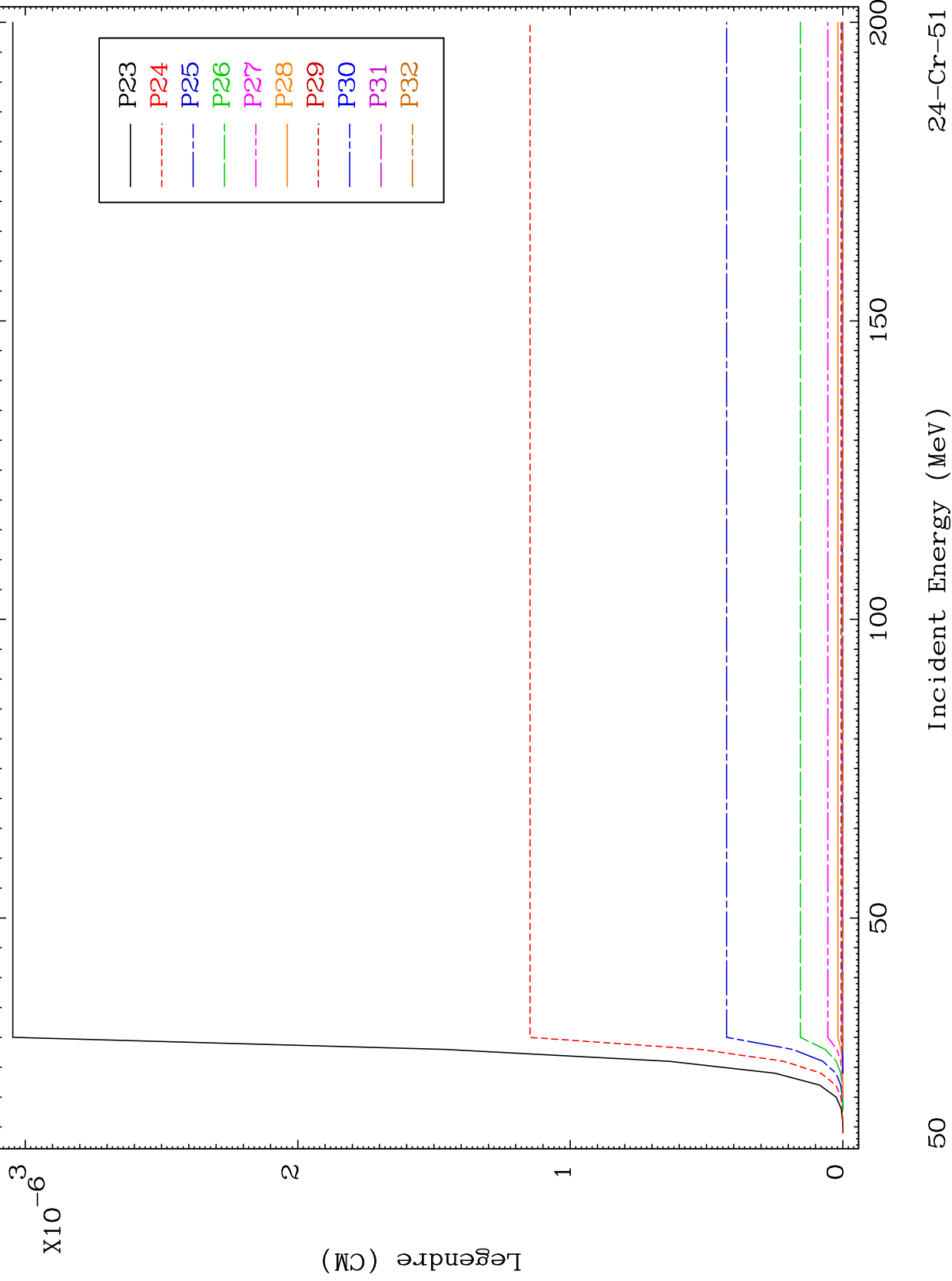
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

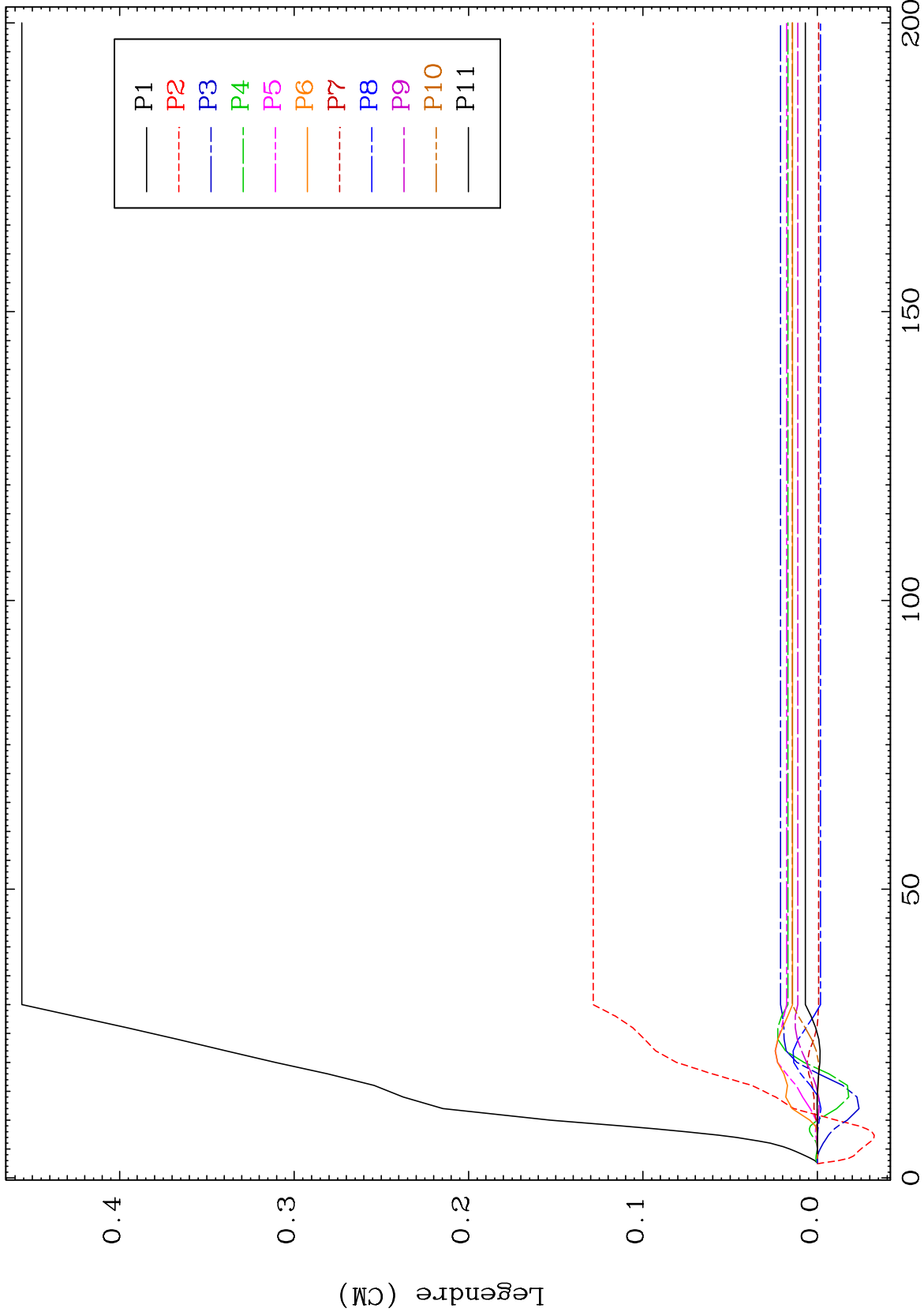
24-Cr-51



MAT 2428

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

24-Cr-51



51

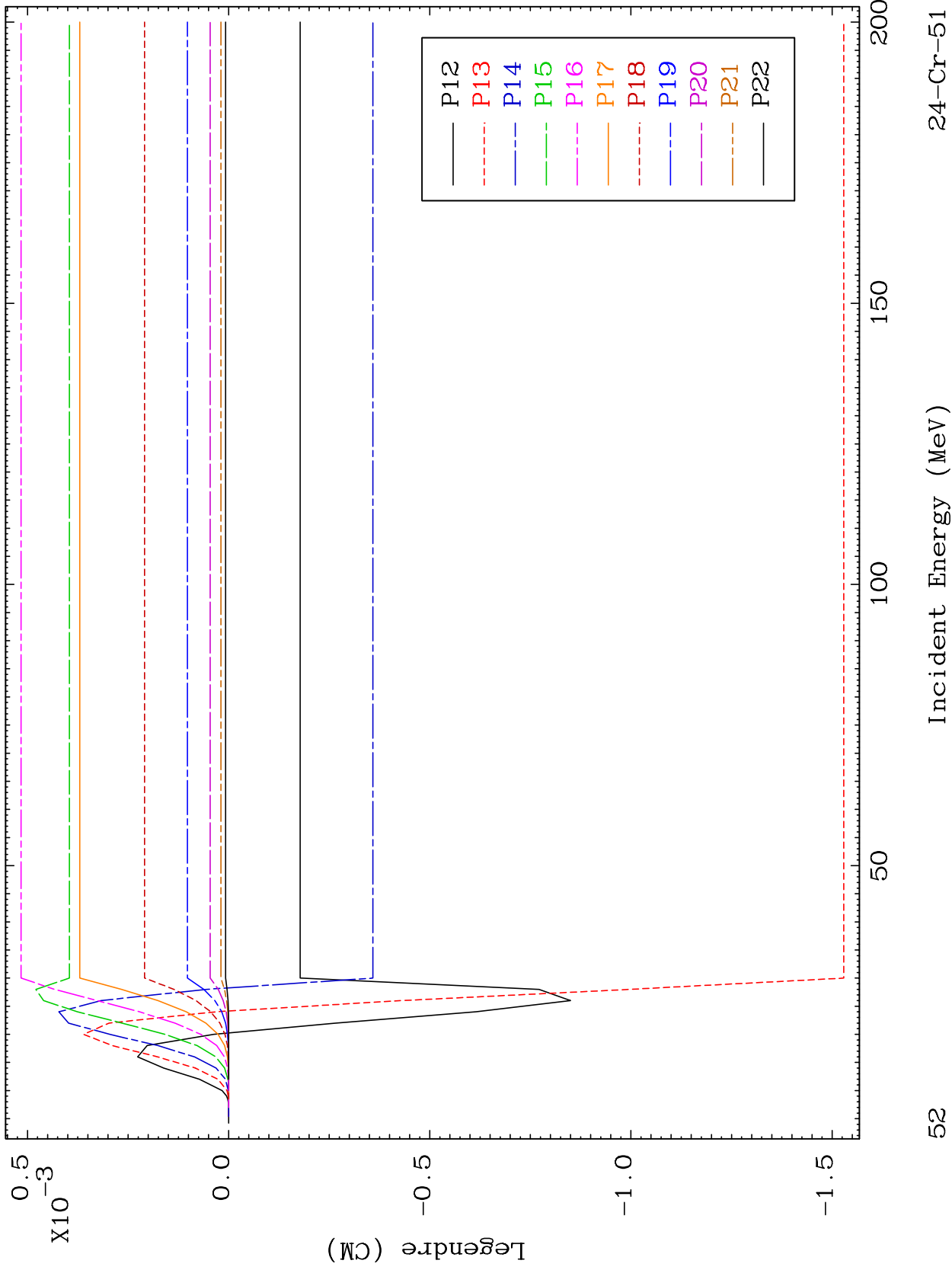
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



52

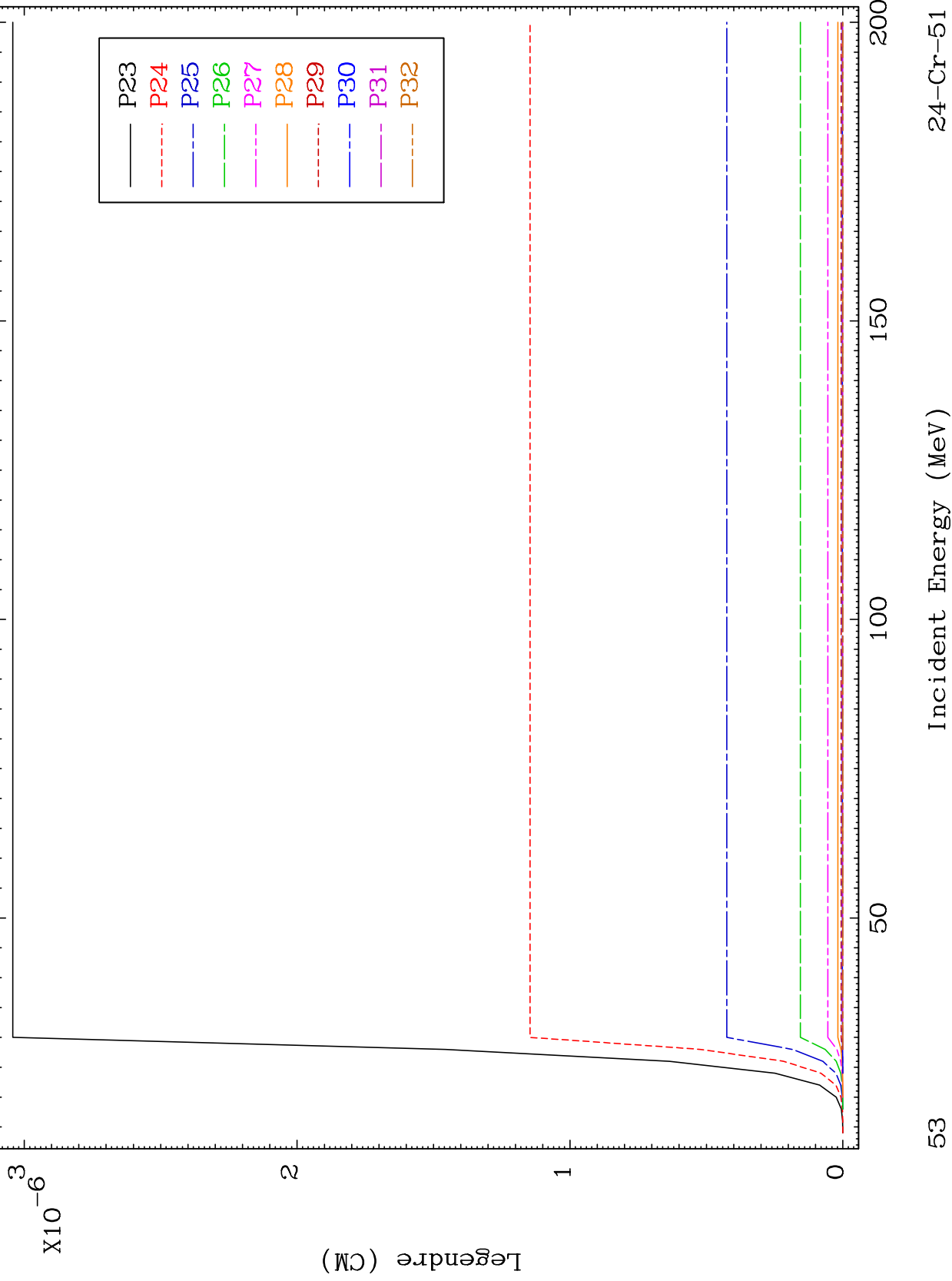
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

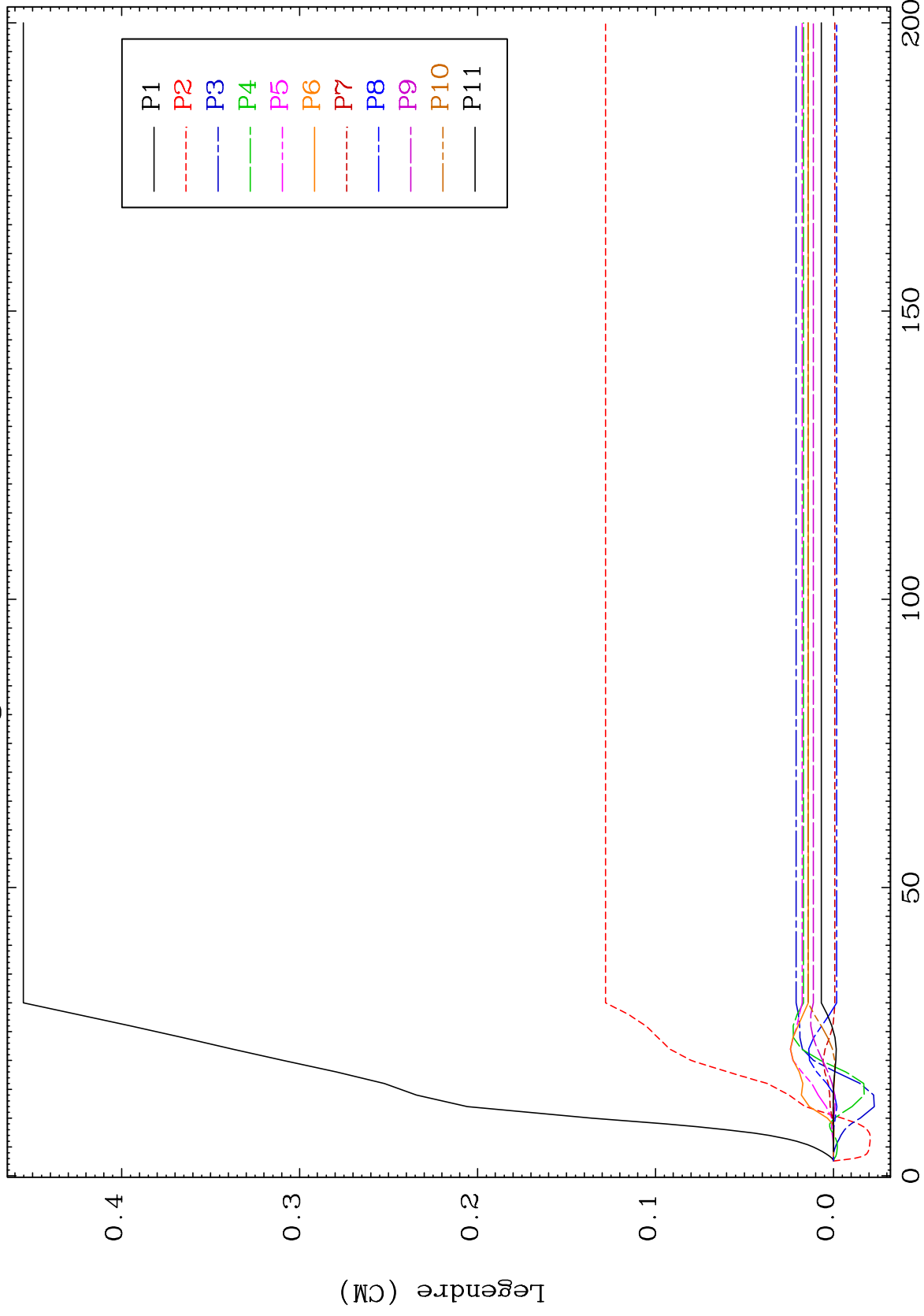
24-Cr-51



MAT 2428

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

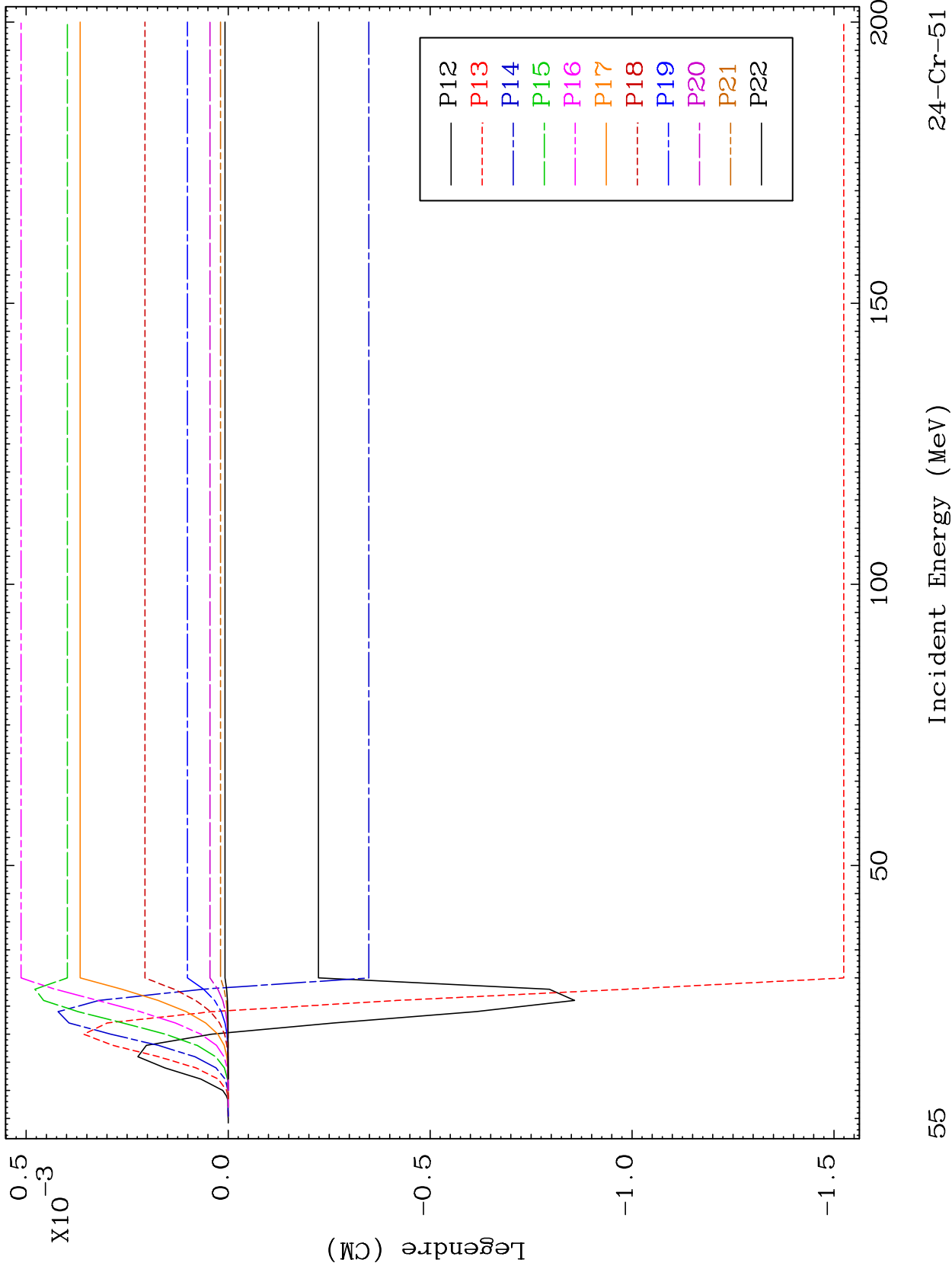
24-Cr-51



54

Incident Energy (MeV)

24-Cr-51

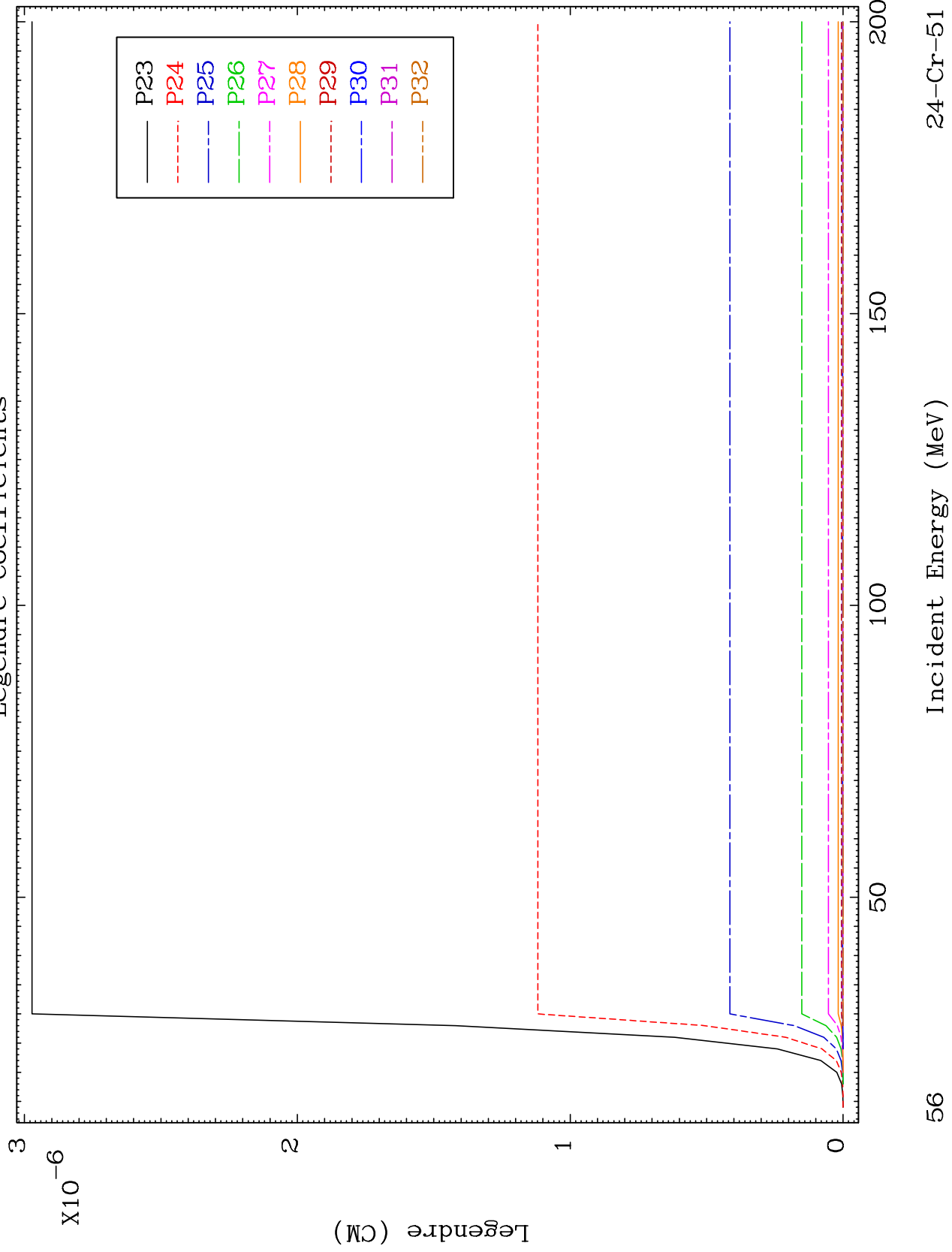




MAT 2428

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

24-Cr-51



56

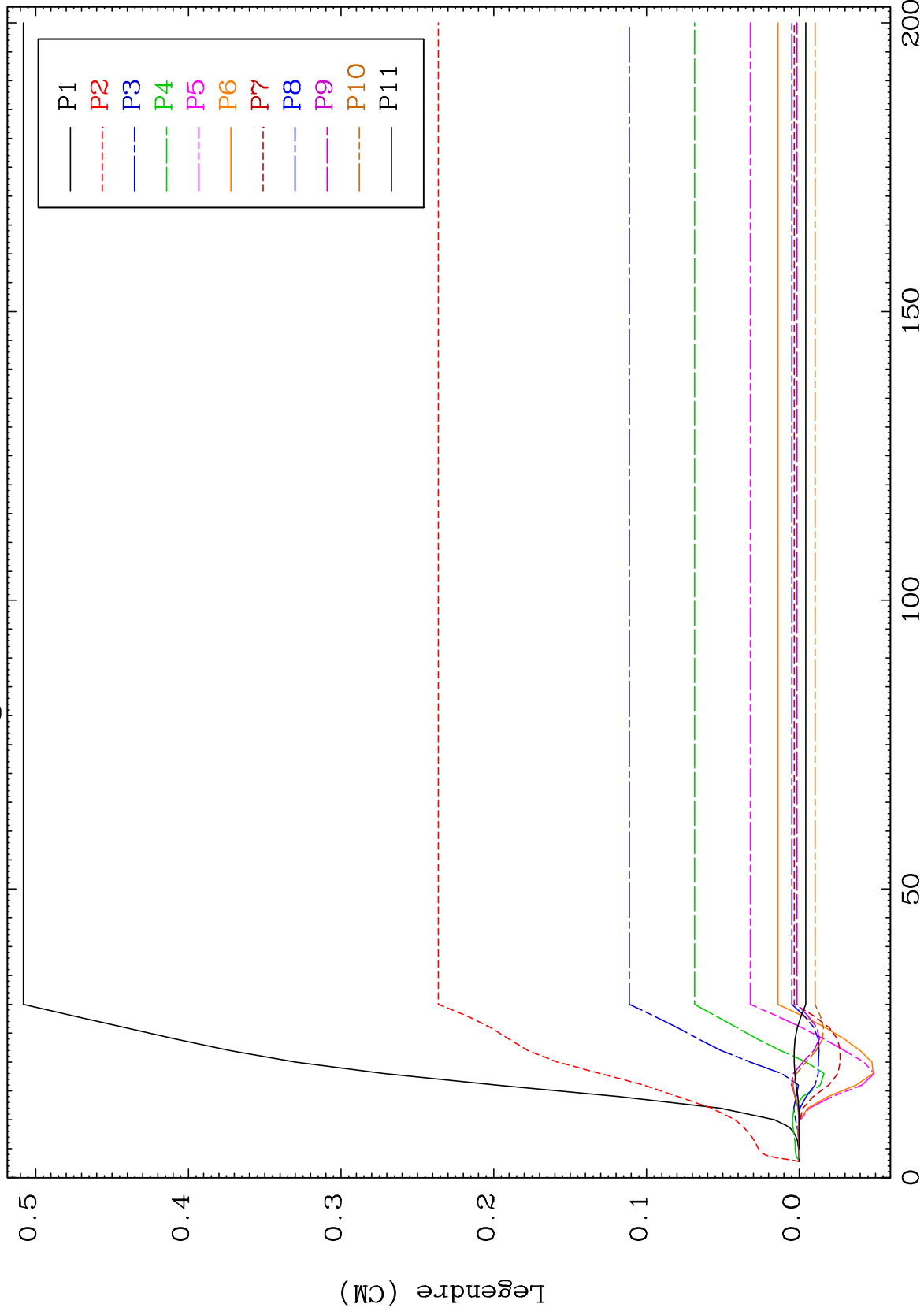
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



57

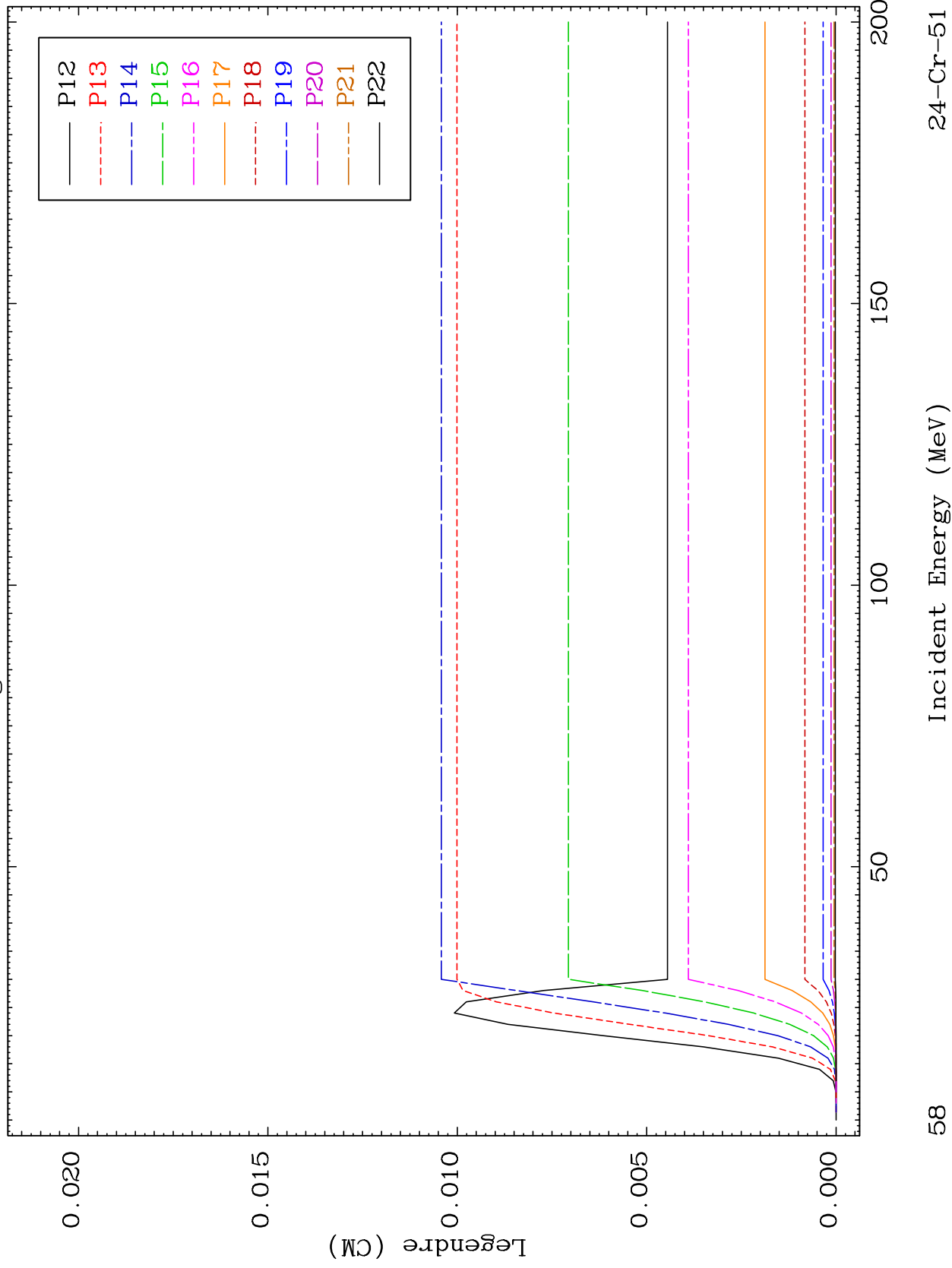
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



58

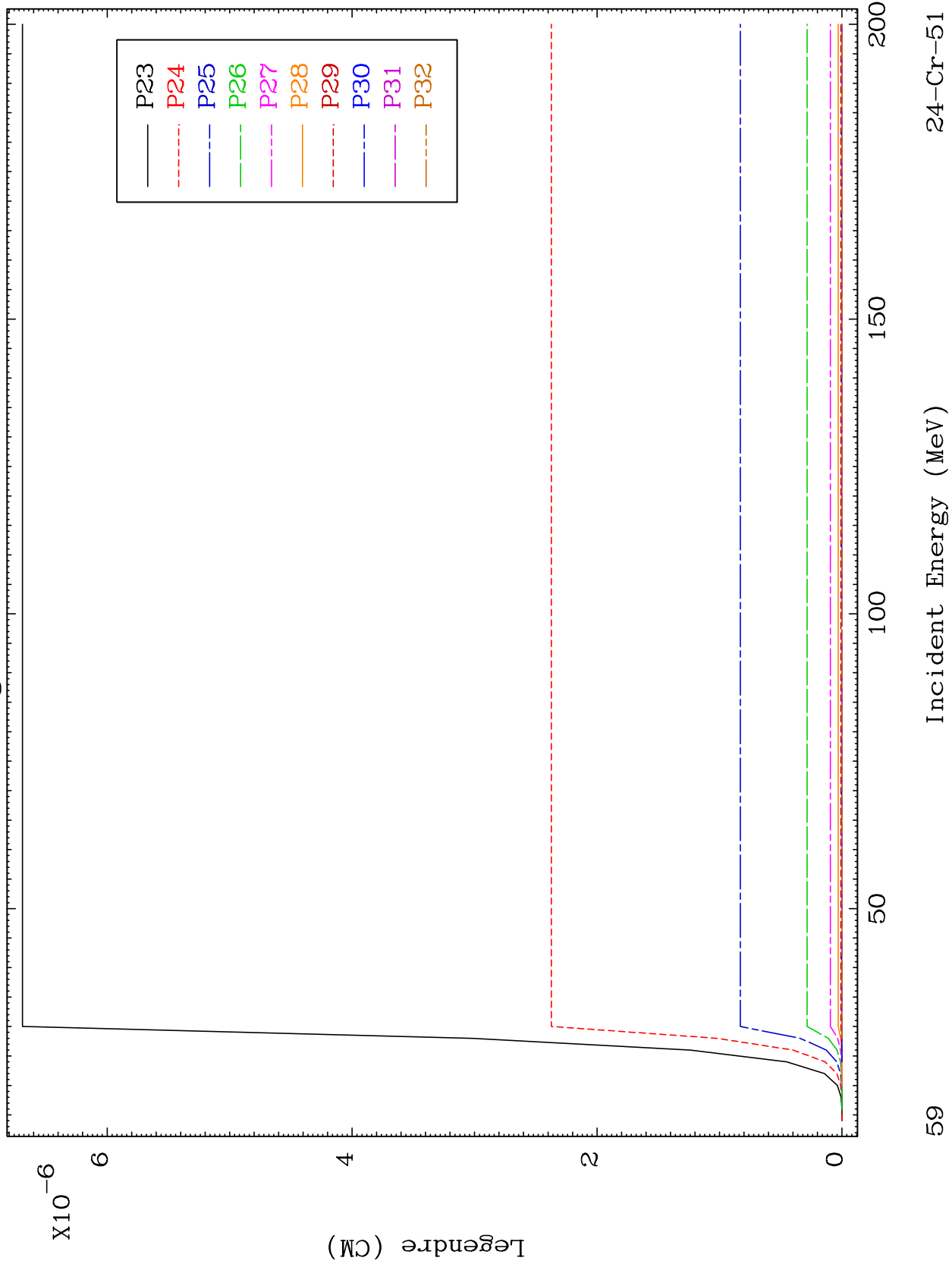
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



59

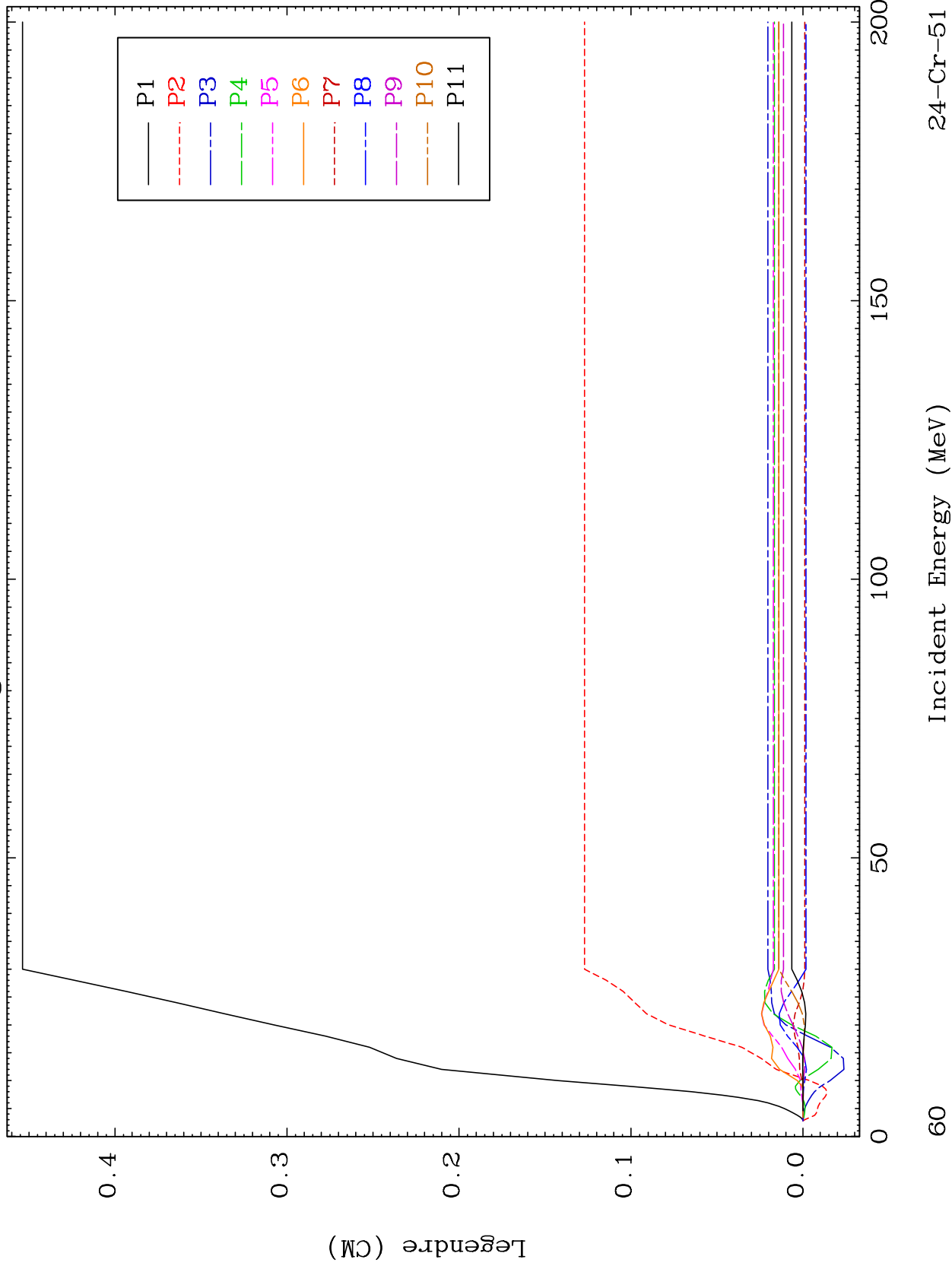
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

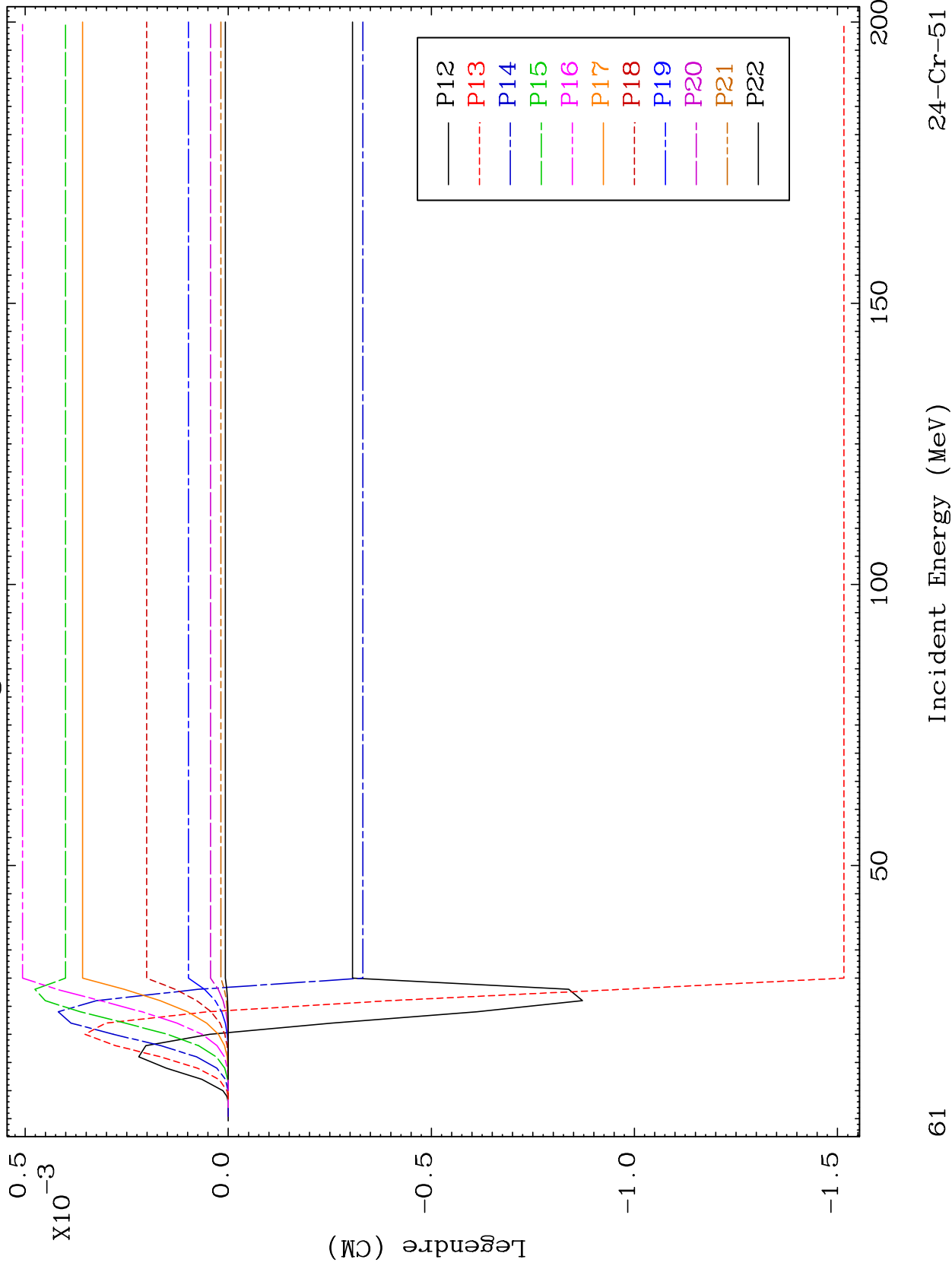


24-Cr-51

MAT 2428

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

24-Cr-51



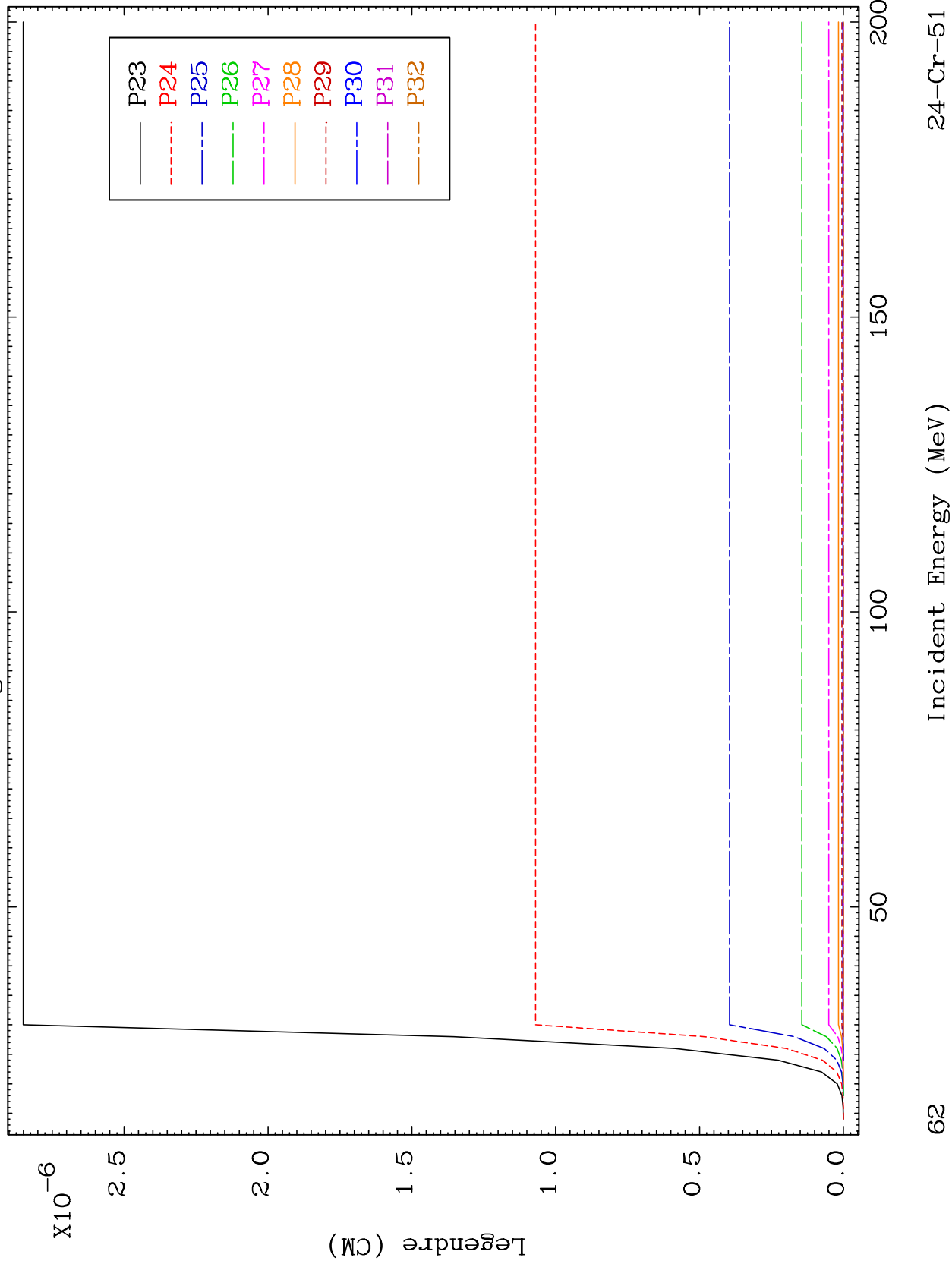
61

24-Cr-51

MAT 2428

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

24-Cr-51

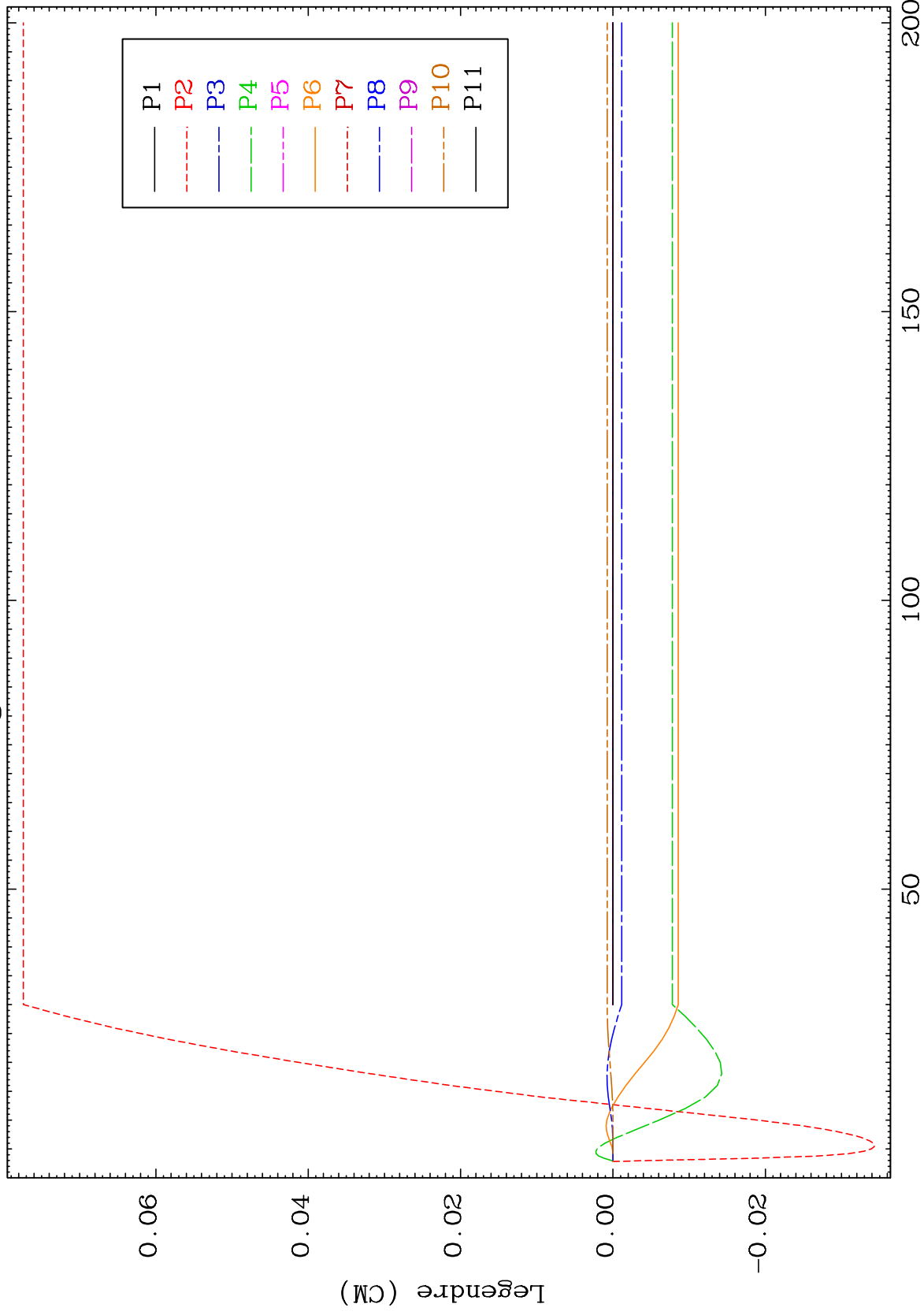


62

MAT 2428

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

24-Cr-51



63

Incident Energy (MeV)

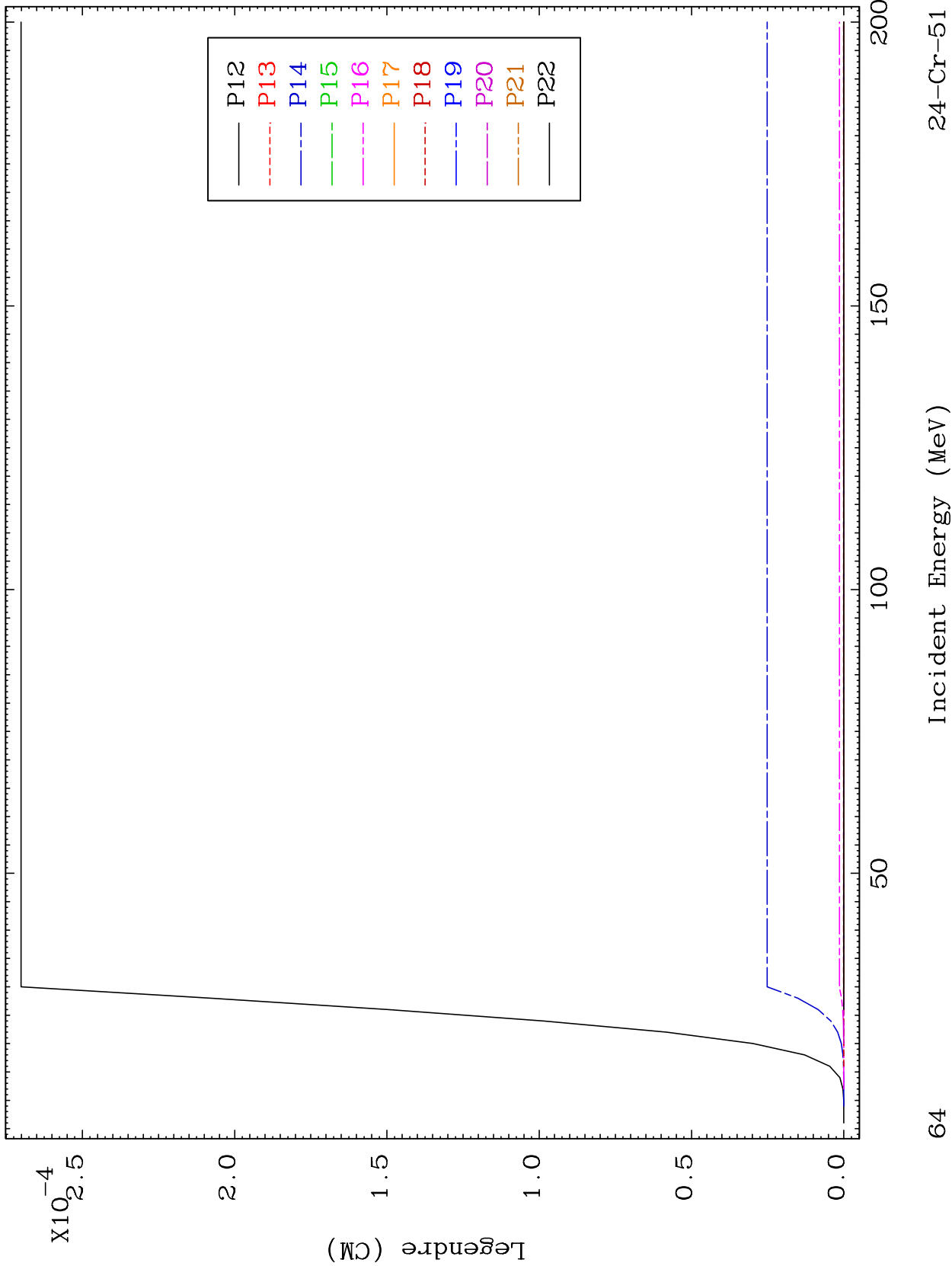
24-Cr-51



MAT 2428

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

24-Cr-51



64

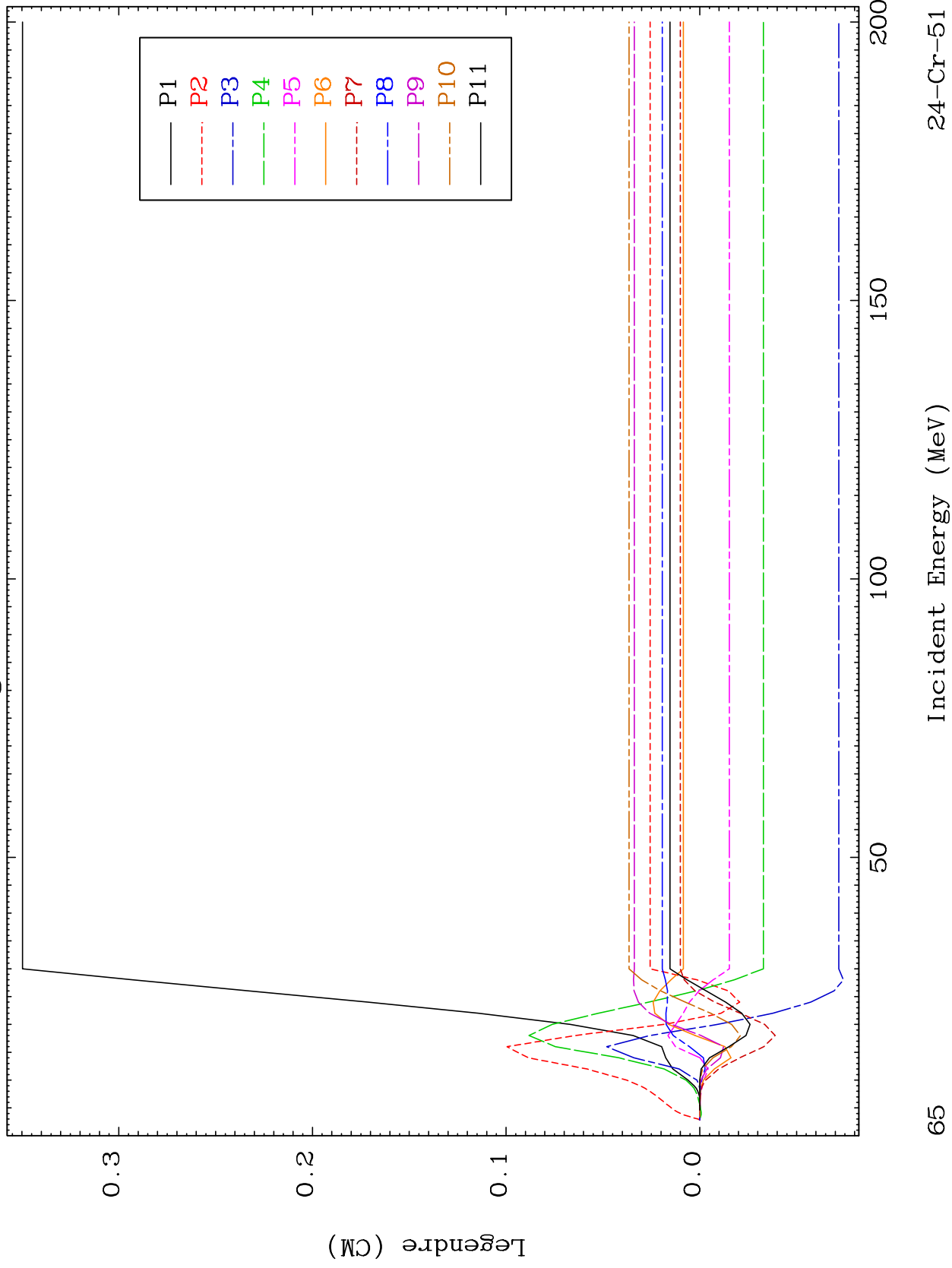
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

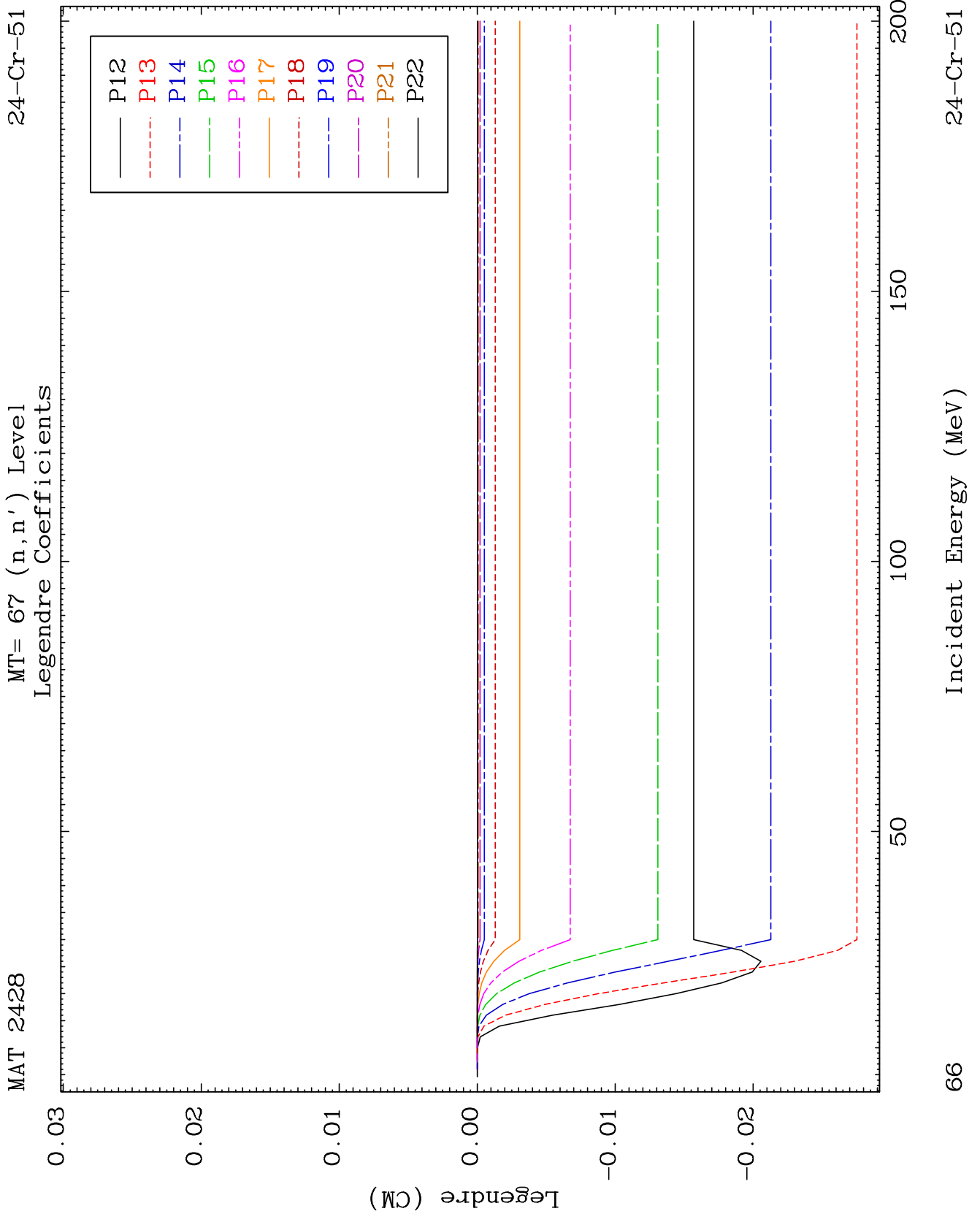
24-Cr-51

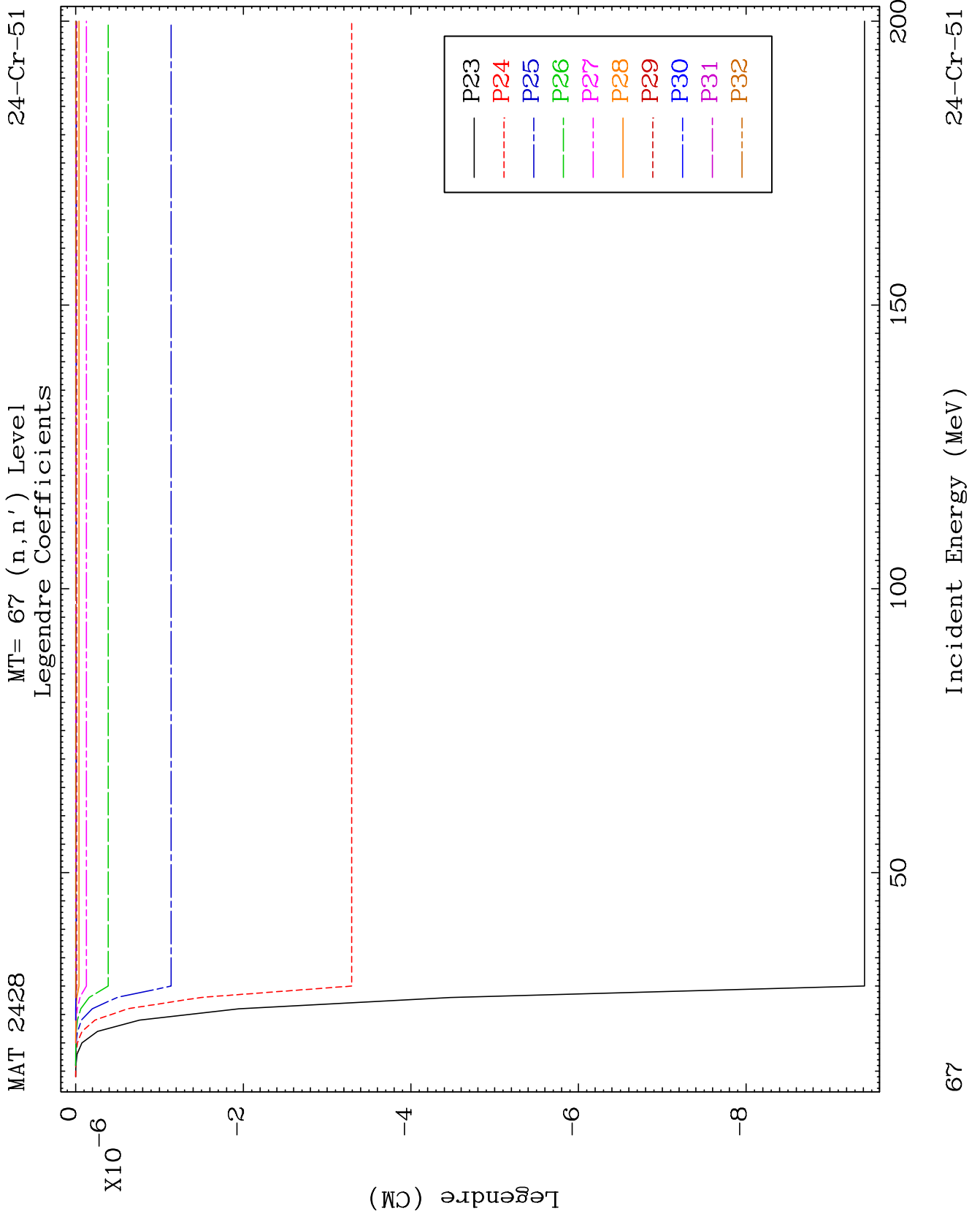


65

Incident Energy (MeV)

24-Cr-51

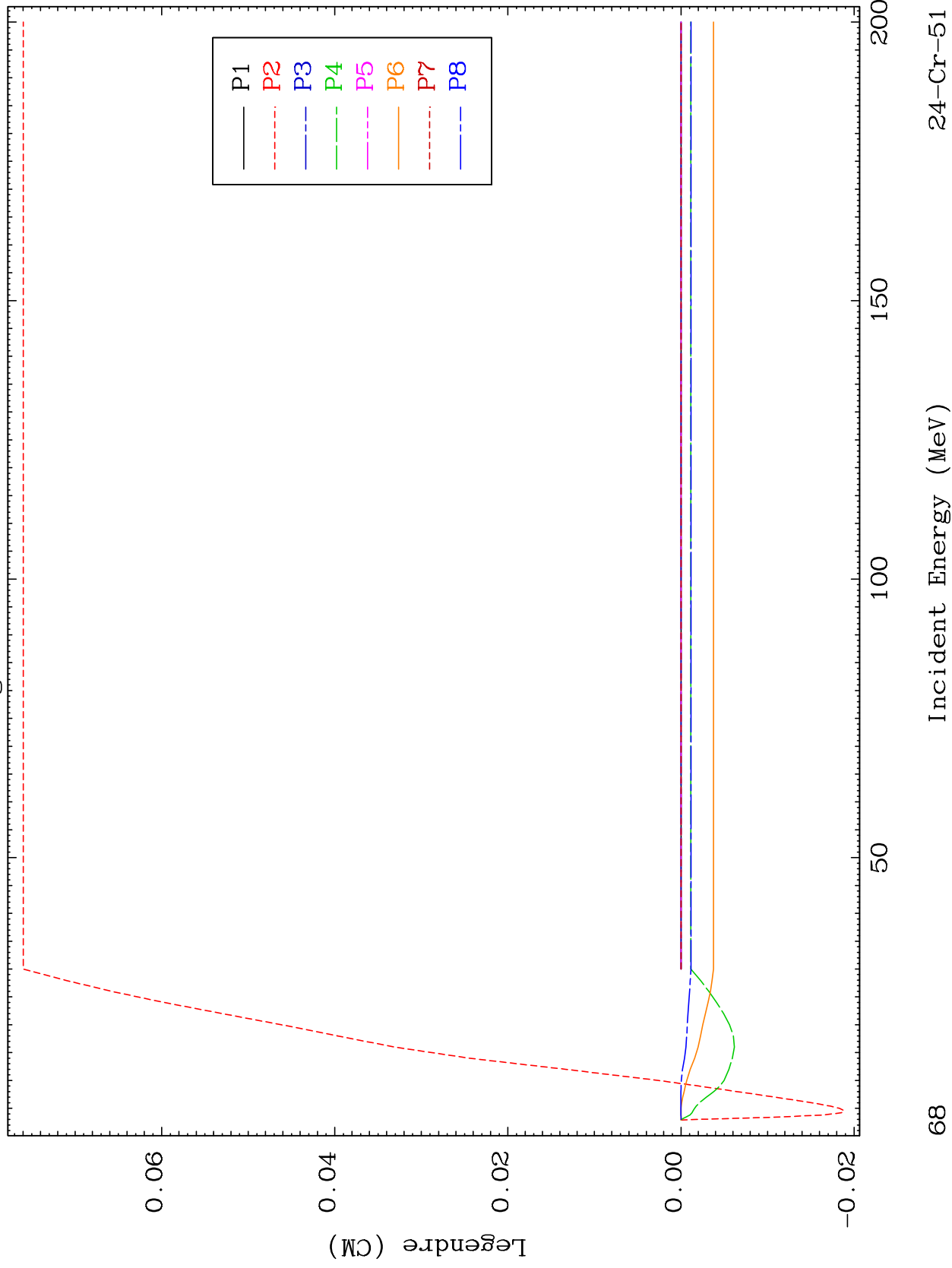




MAT 2428

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

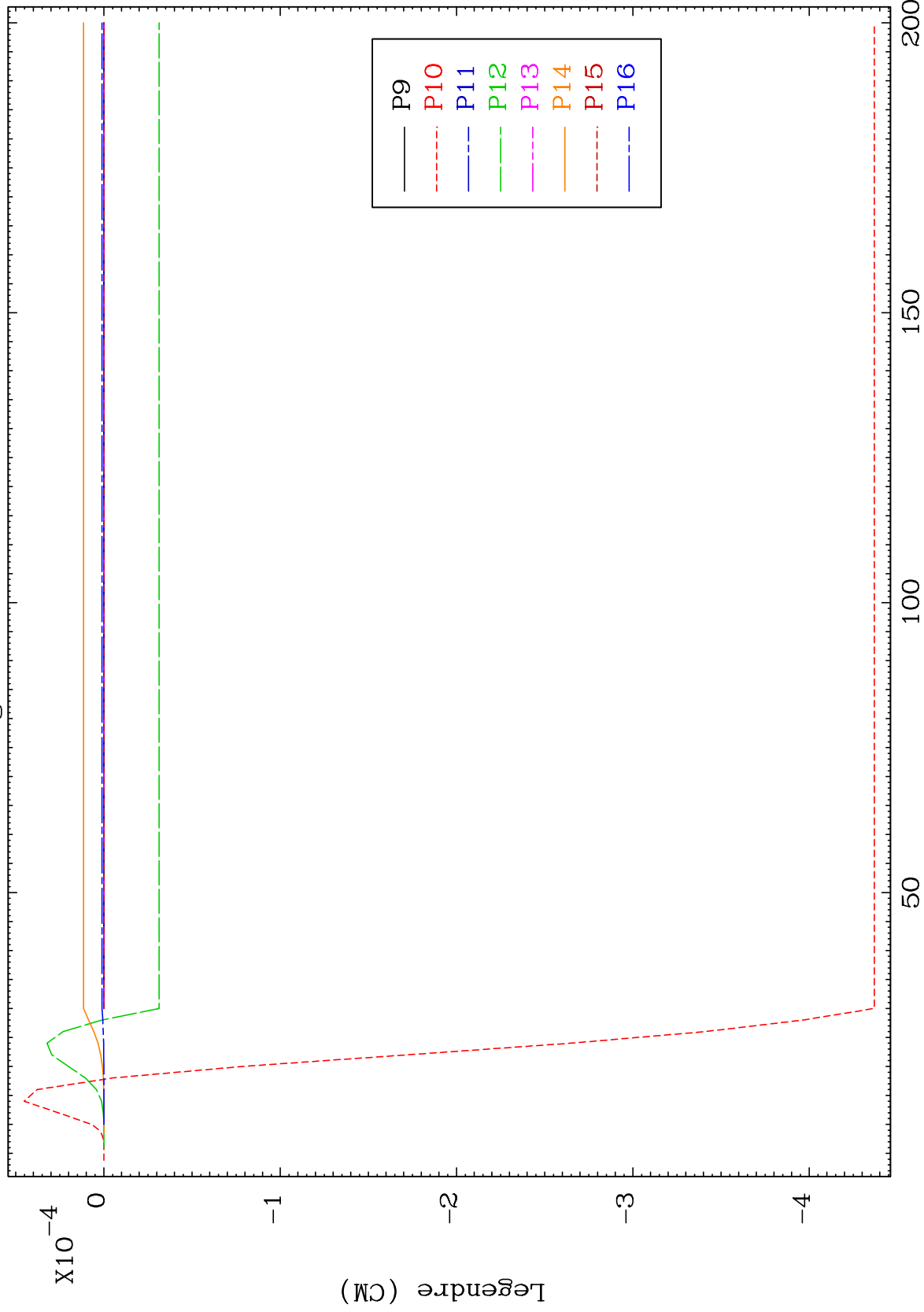
24-Cr-51



MAT 2428

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

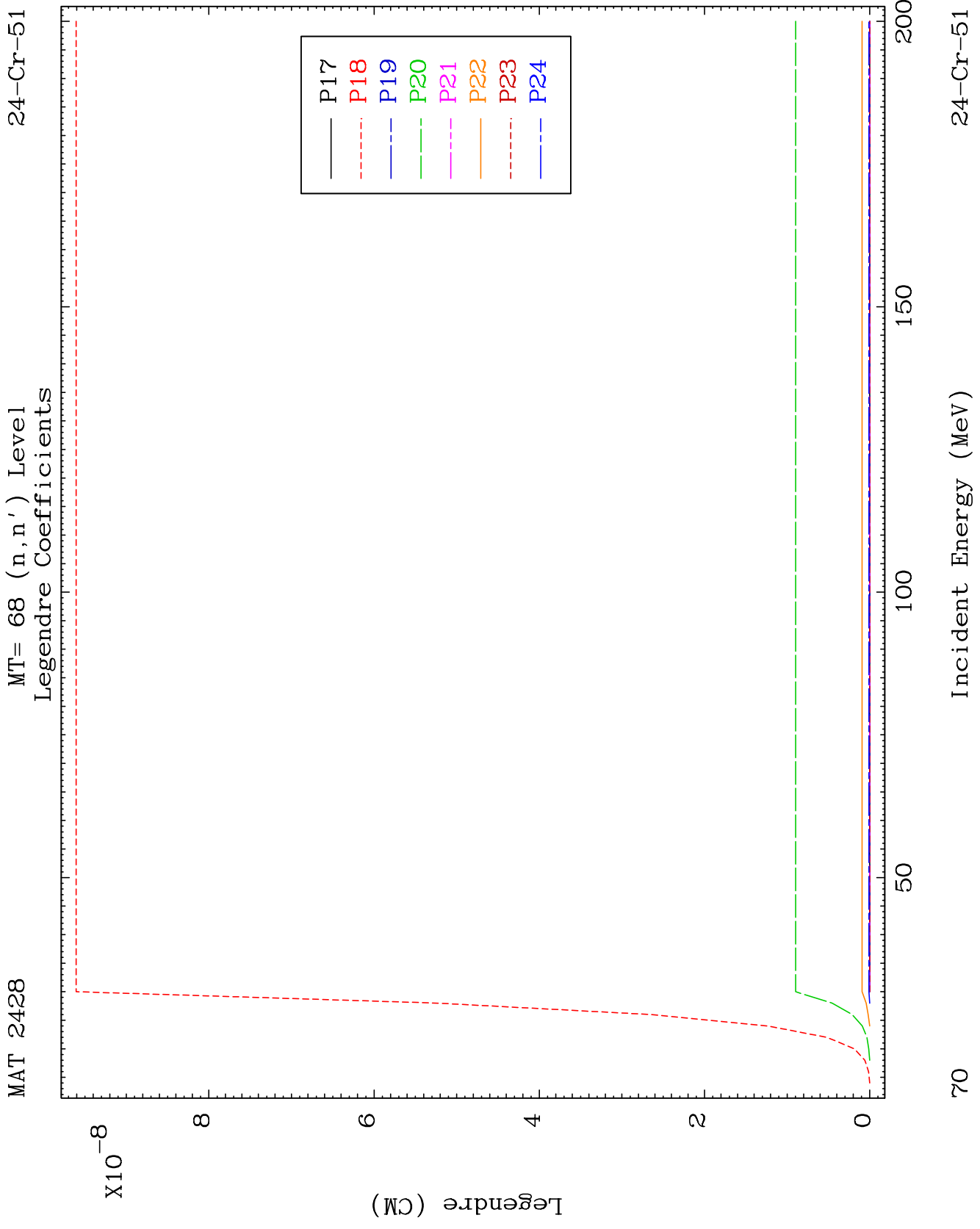
24-Cr-51



69

Incident Energy (MeV)

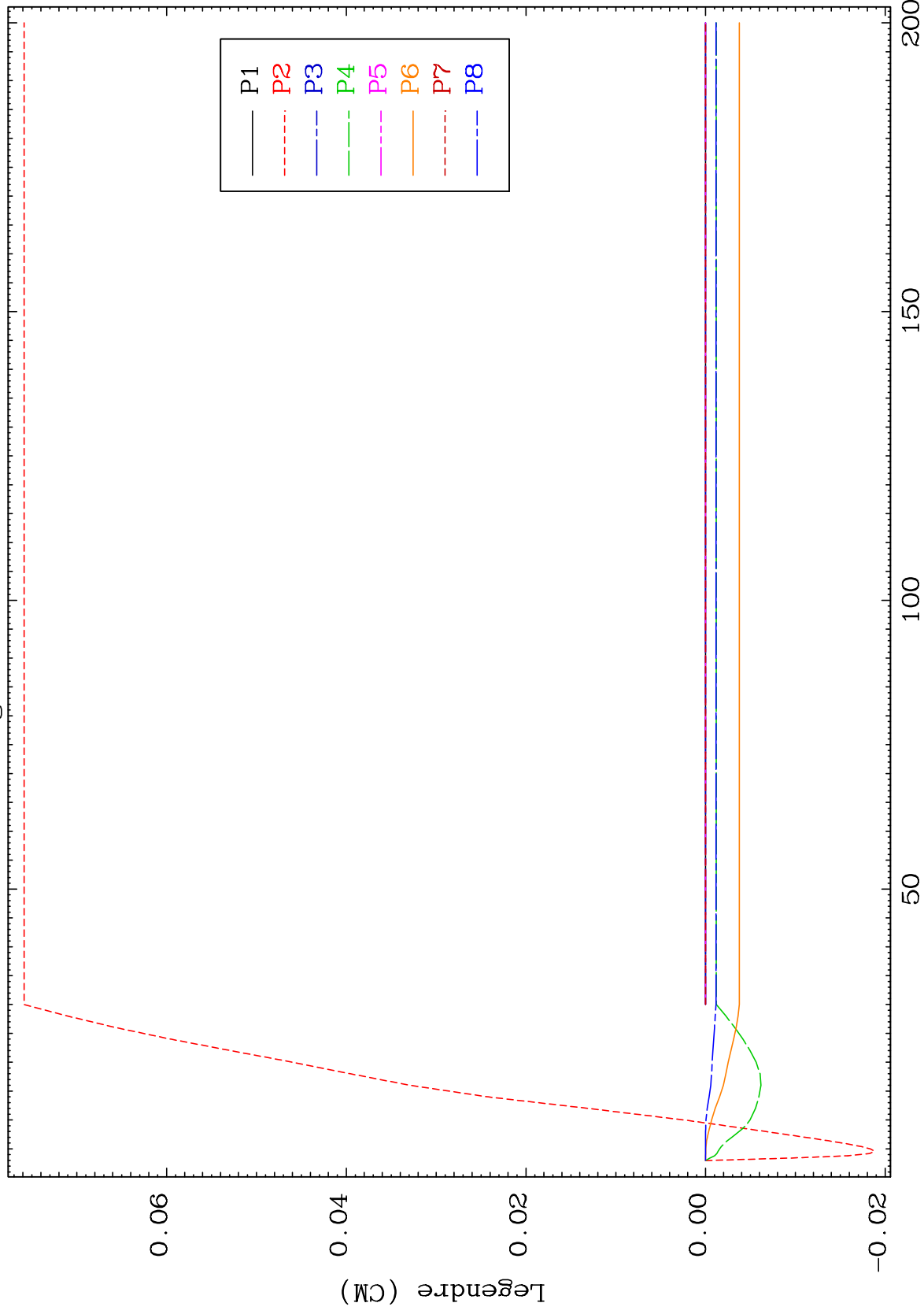
24-Cr-51



MAT 2428

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

24-Cr-51



71

Incident Energy (MeV)

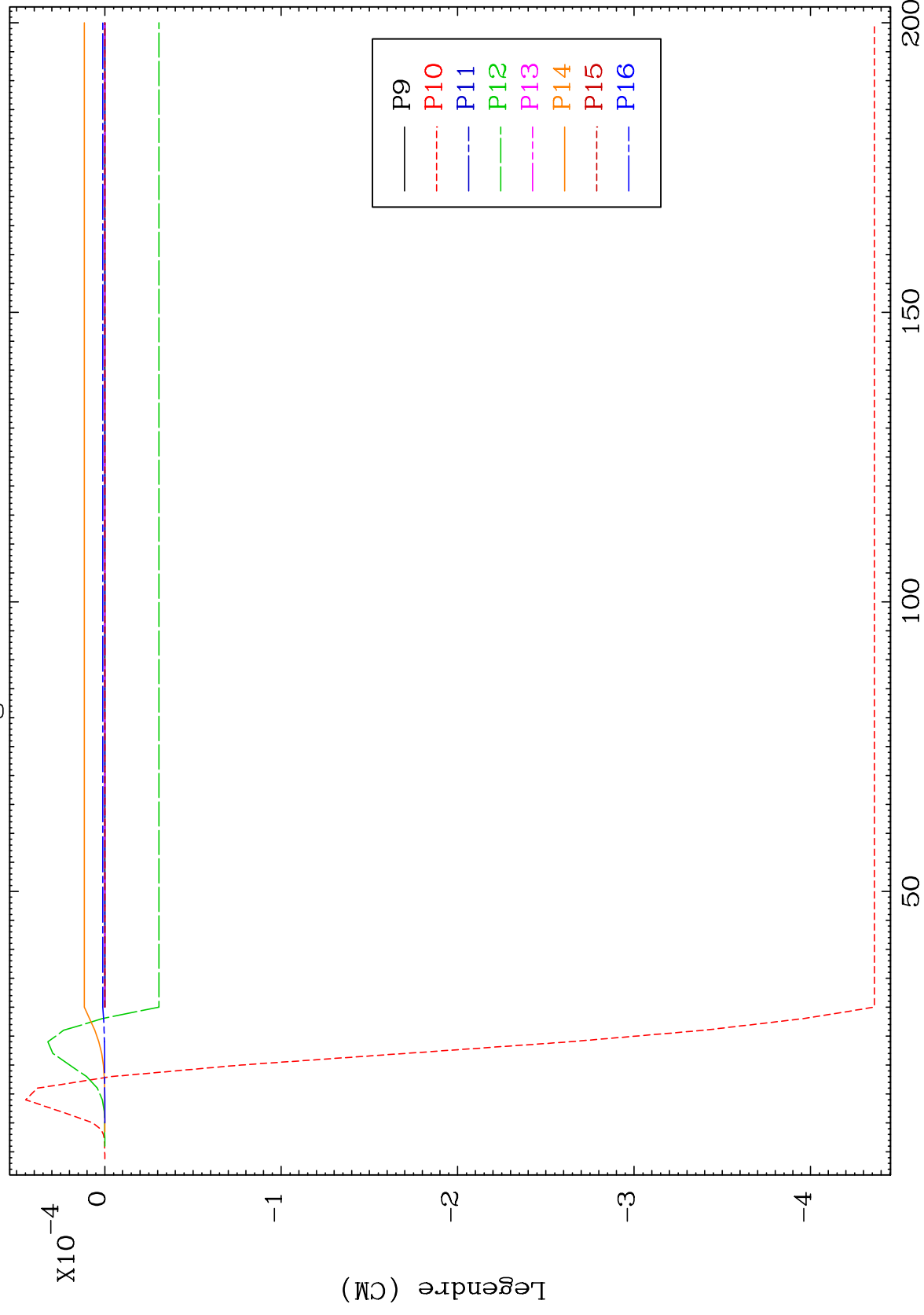
24-Cr-51



MAT 2428

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

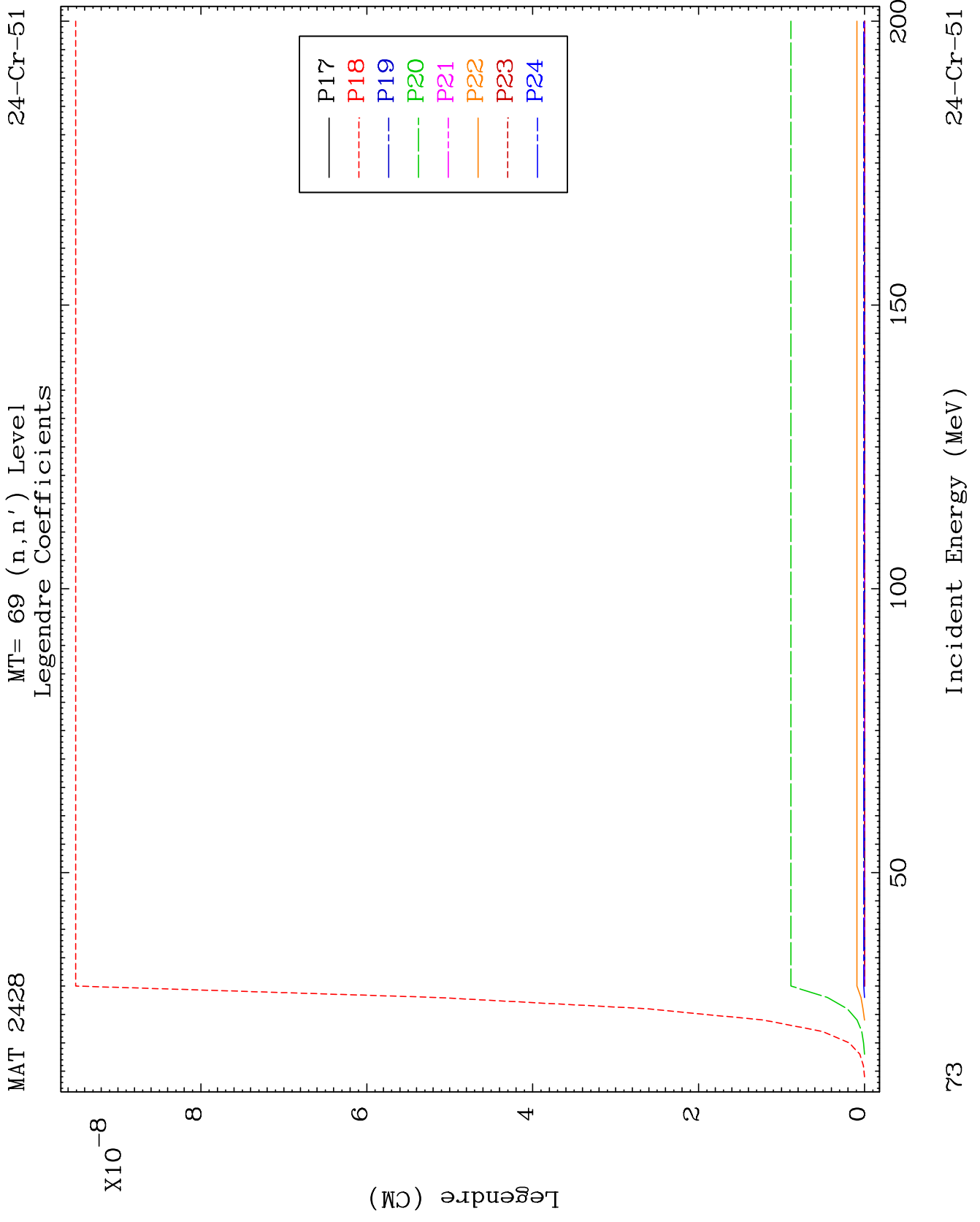
24-Cr-51



72

Incident Energy (MeV)

24-Cr-51



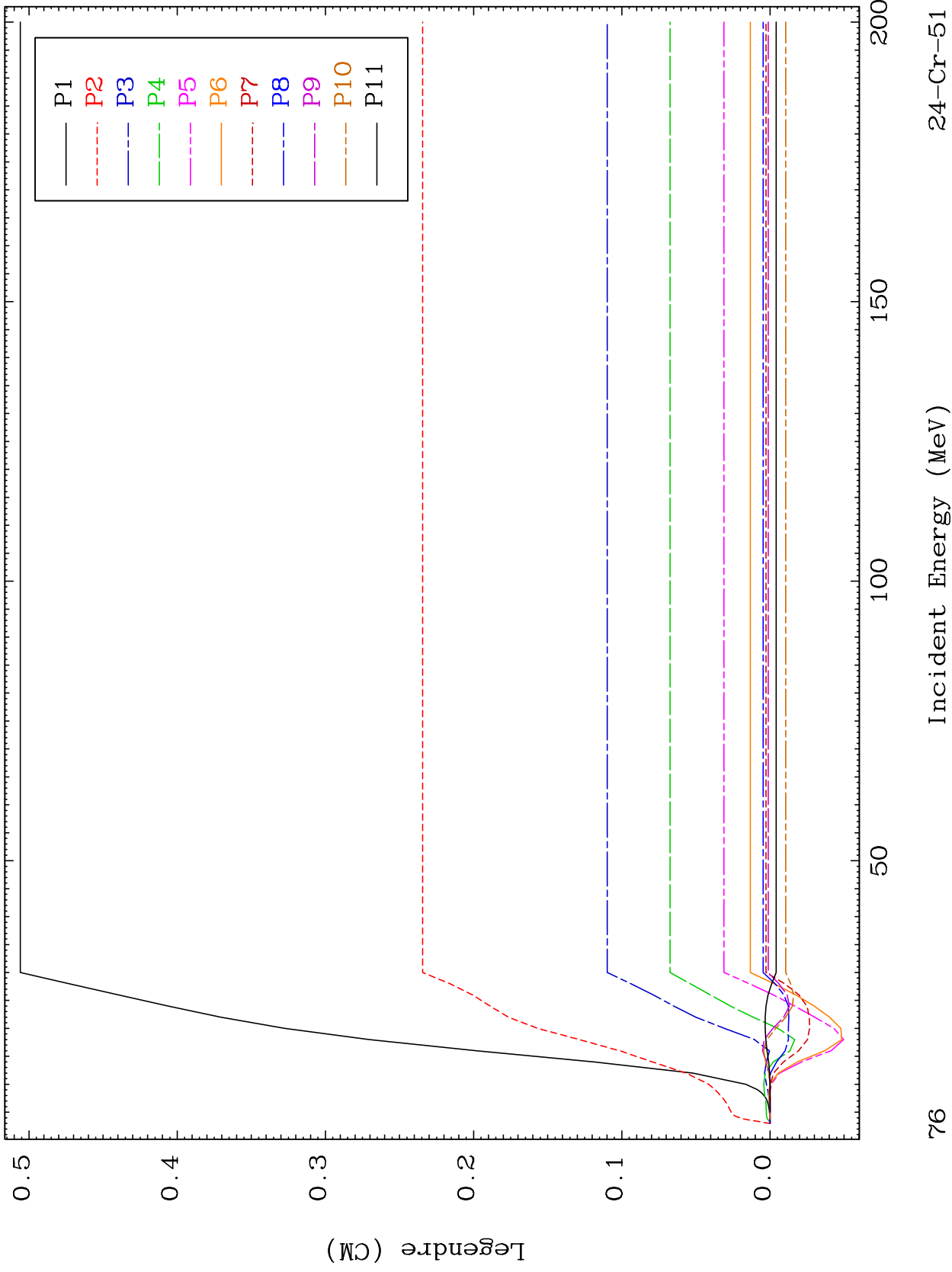




MAT 2428

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

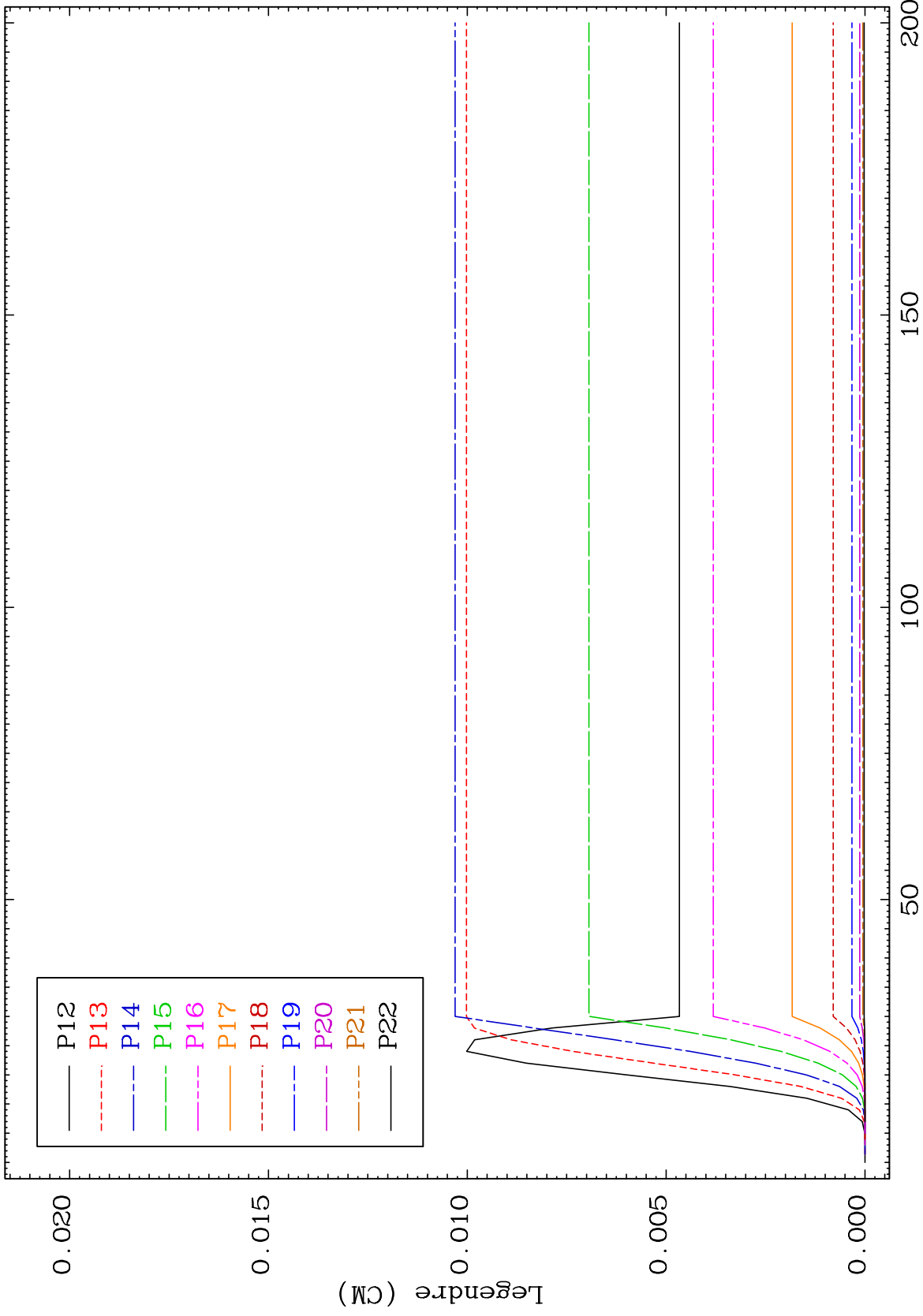
24-Cr-51



MAT 2428

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

24-Cr-51



77

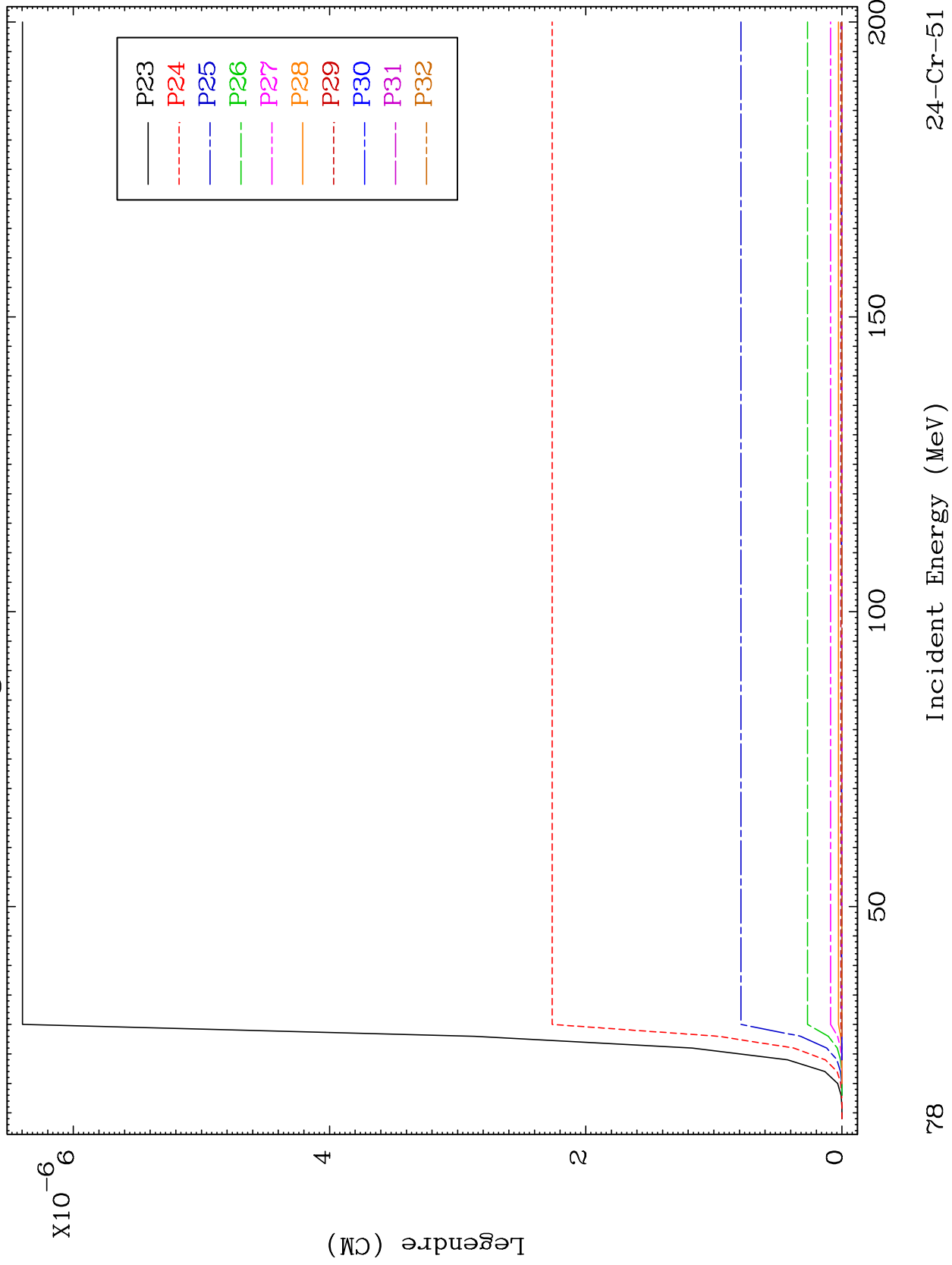
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

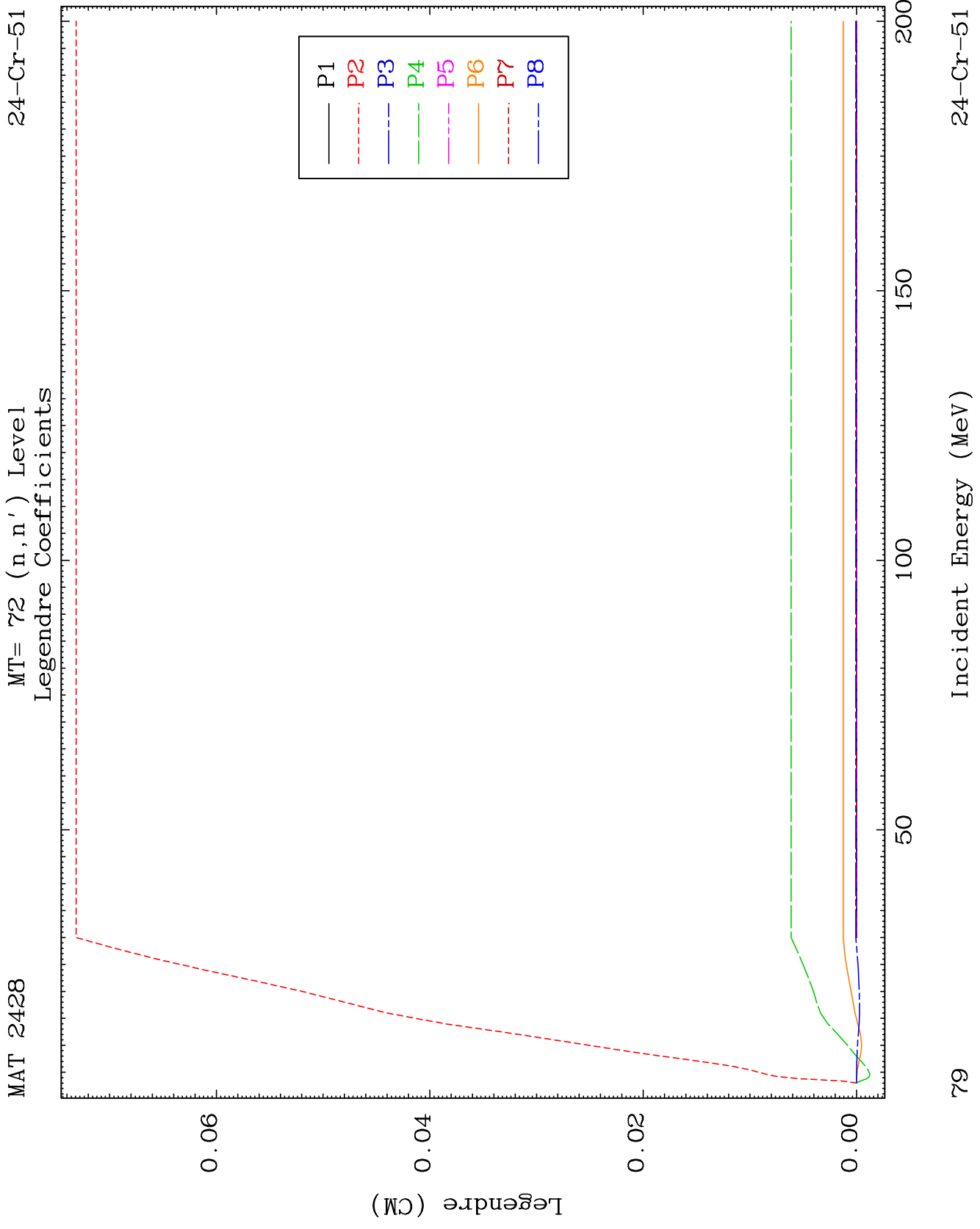
24-Cr-51



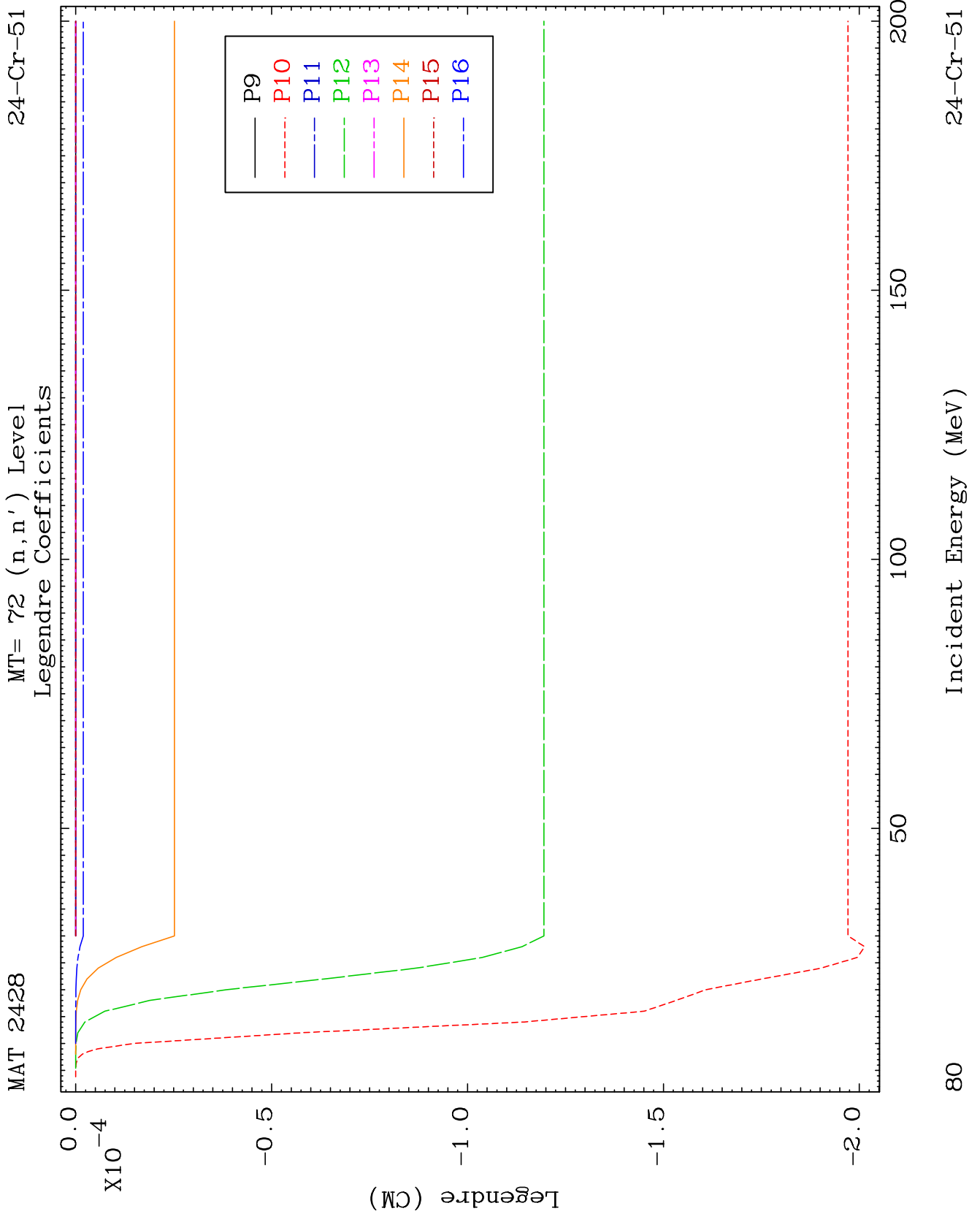
78

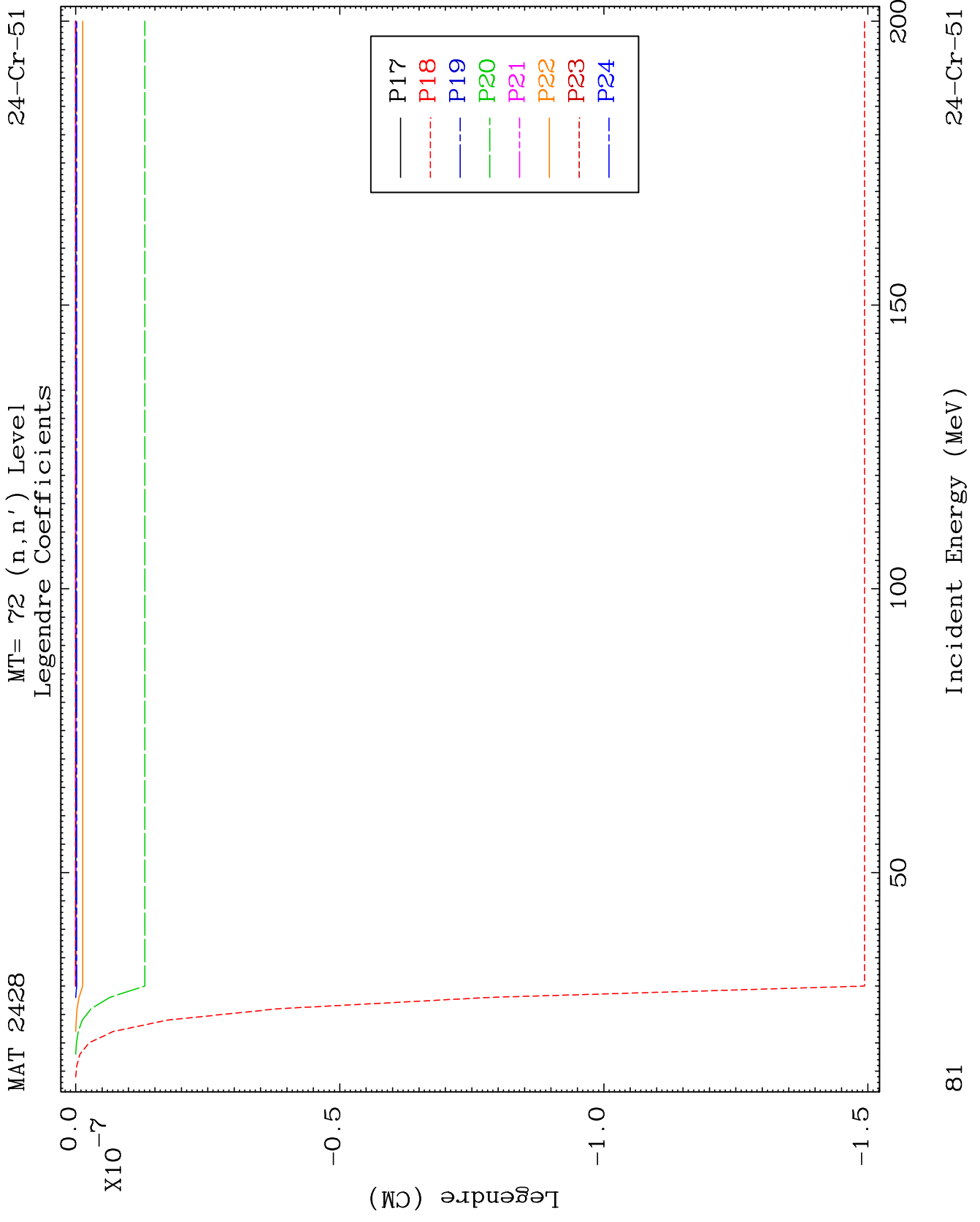
Incident Energy (MeV)

24-Cr-51





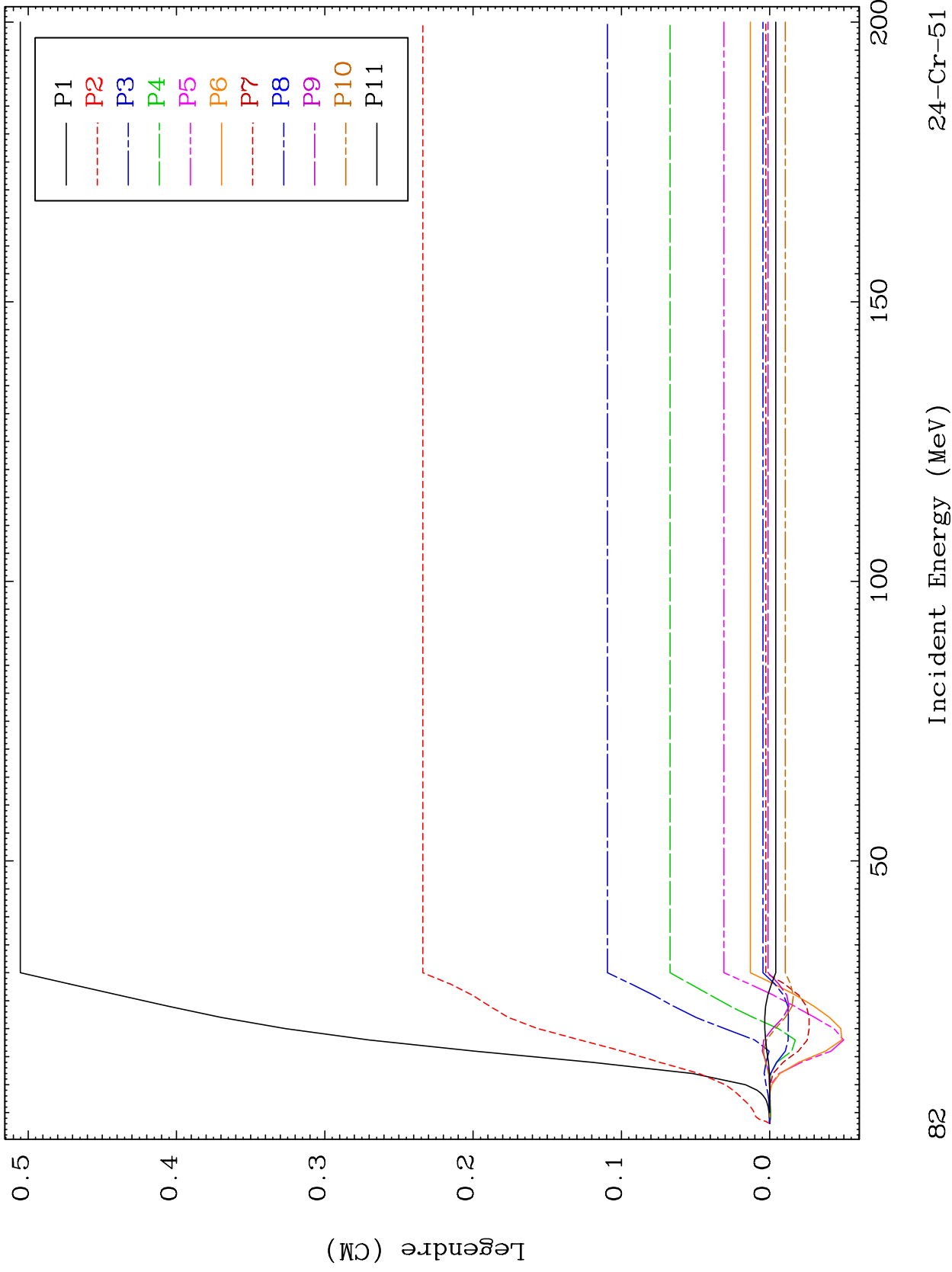




MAT 2428

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

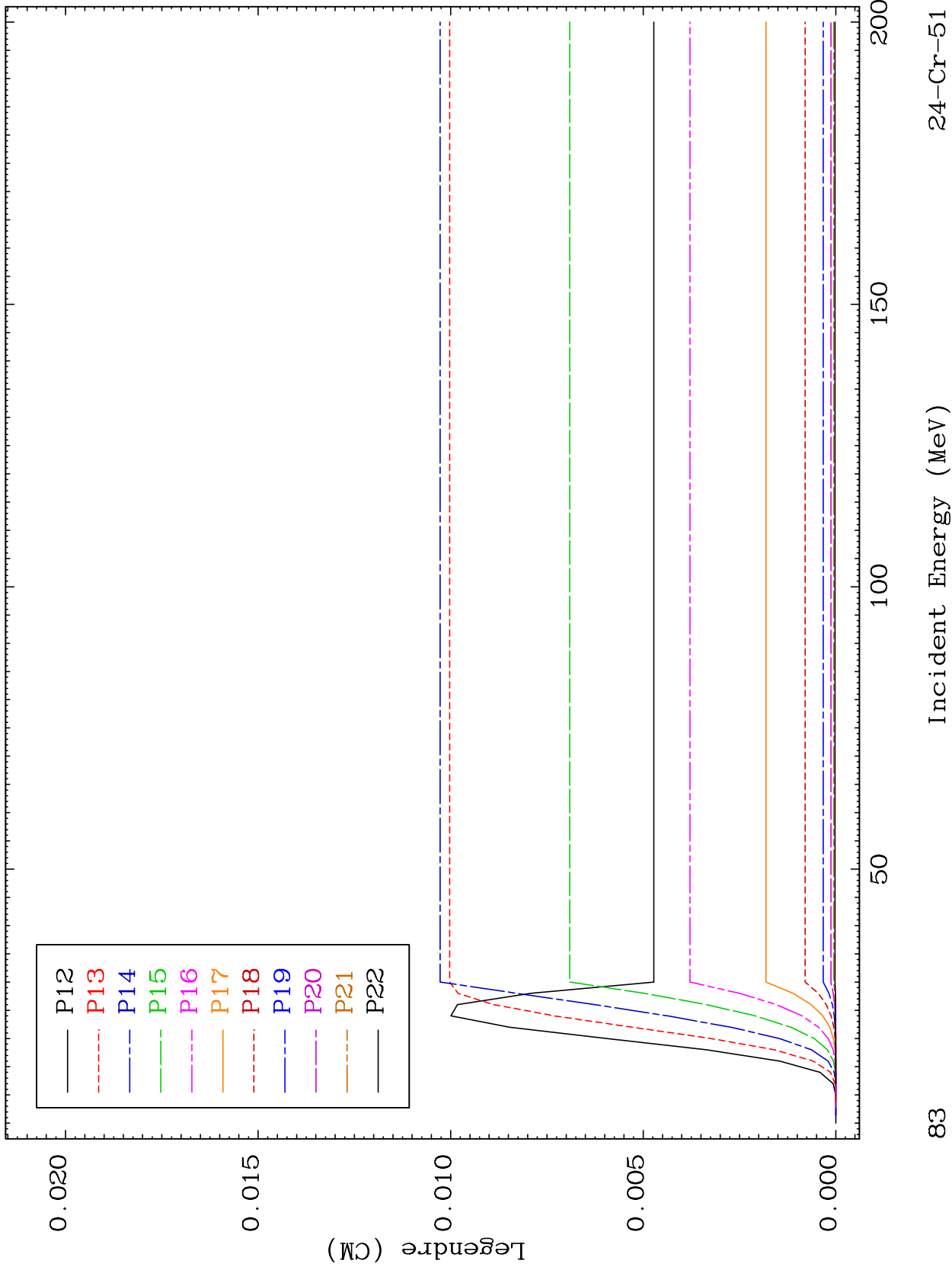
24-Cr-51



82

Incident Energy (MeV)

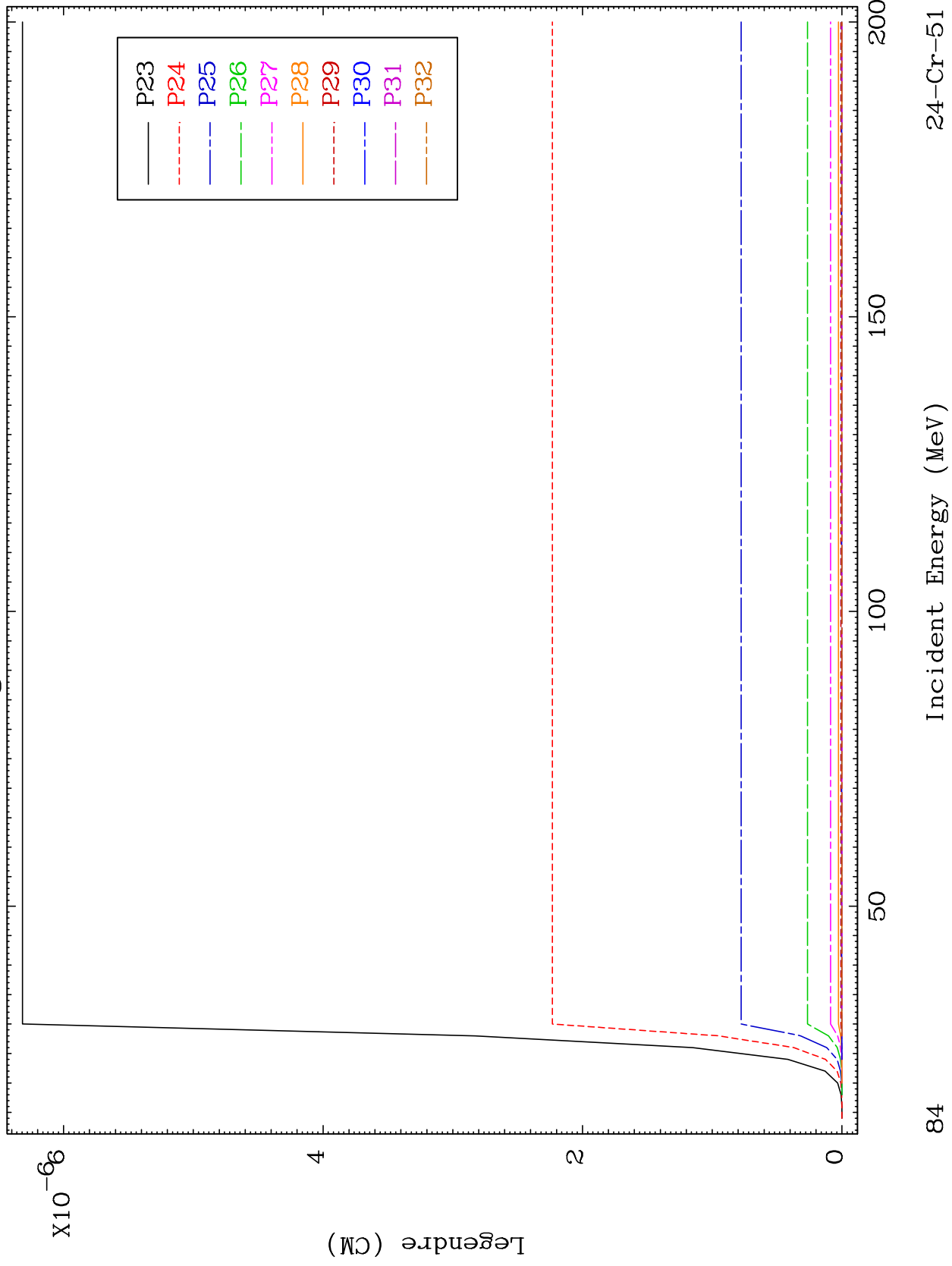
24-Cr-51



MAT 2428

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

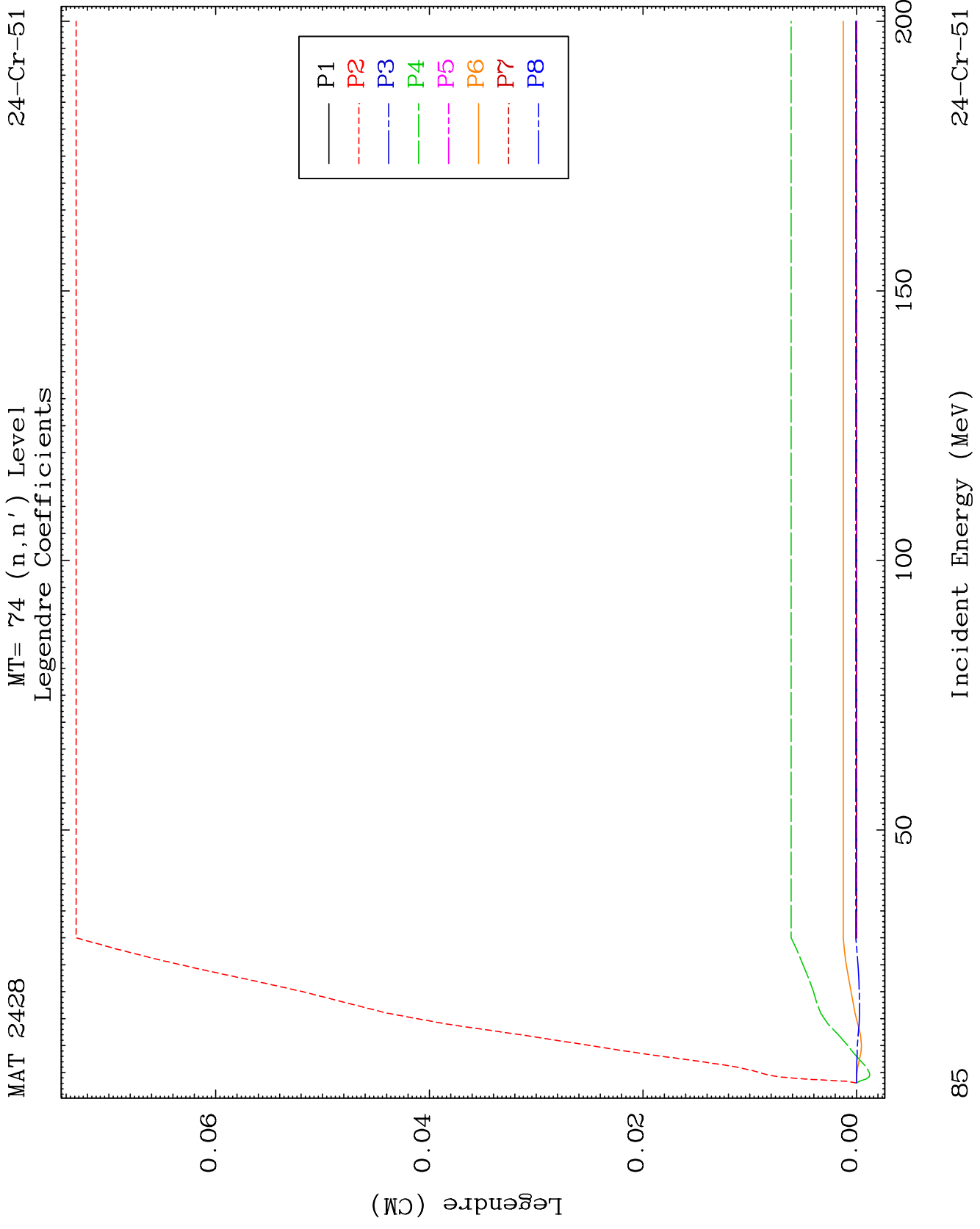
24-Cr-51



84

Incident Energy (MeV)

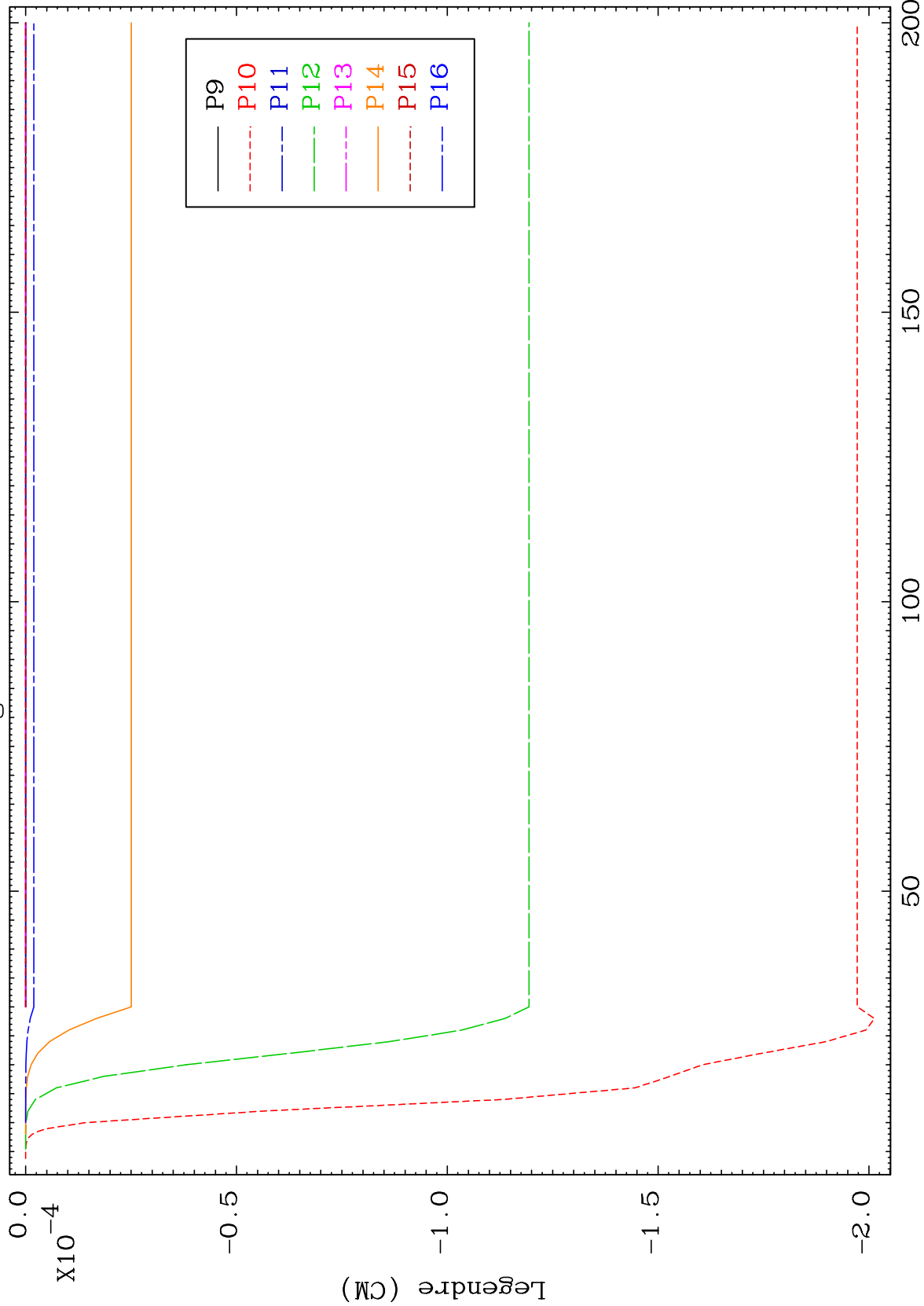
24-Cr-51



MAT 2428

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

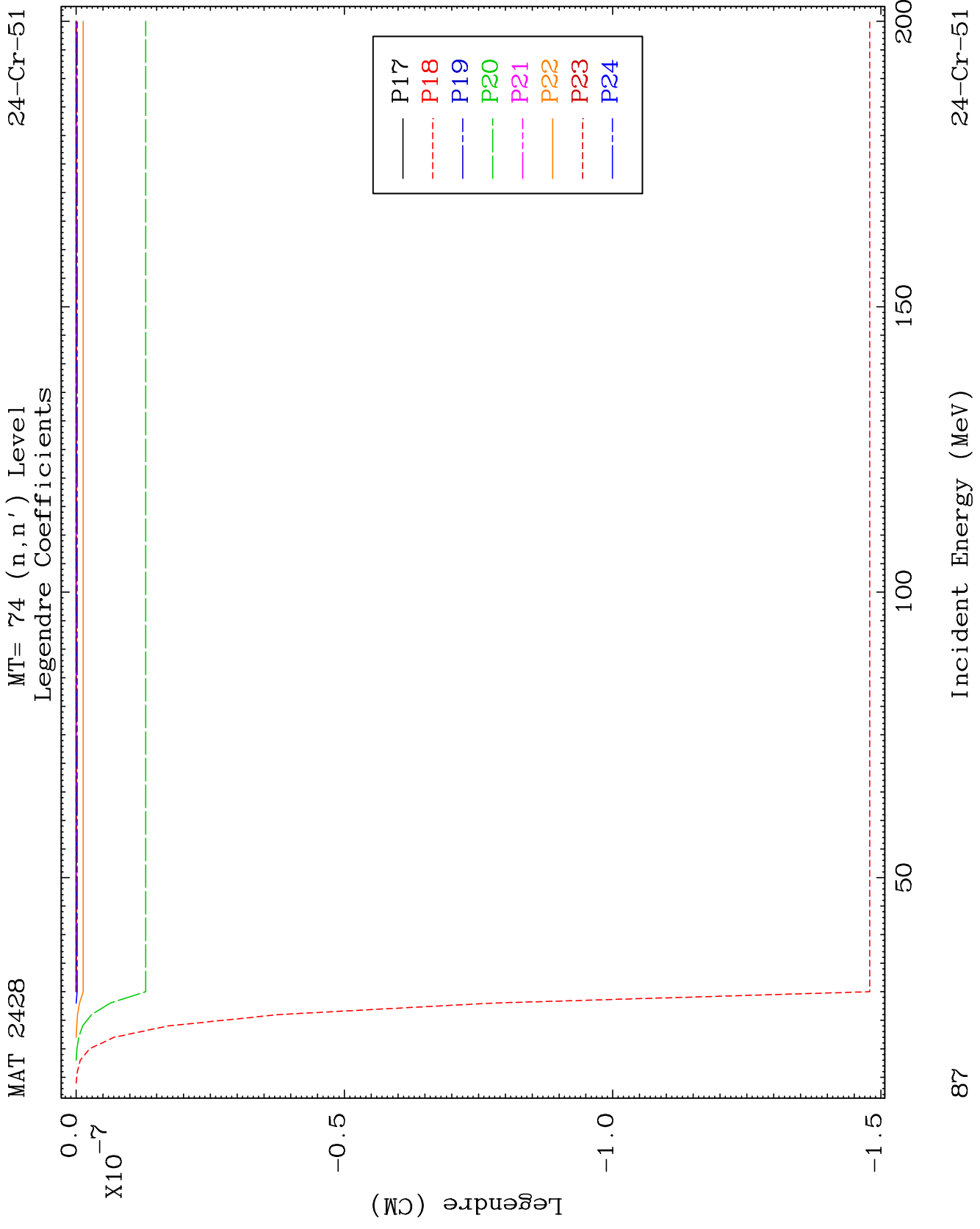
24-Cr-51



86

Incident Energy (MeV)

24-Cr-51

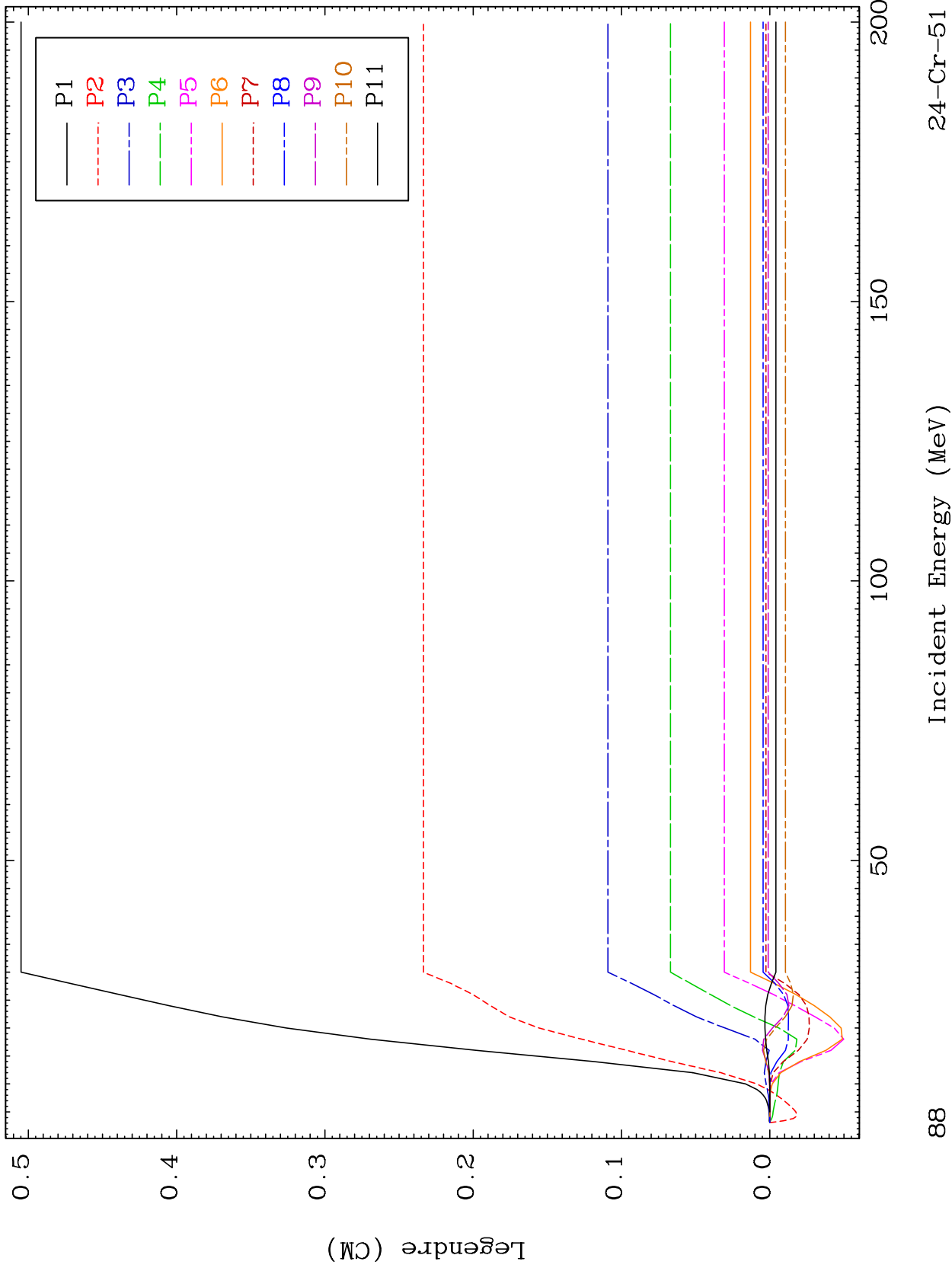




MAT 2428

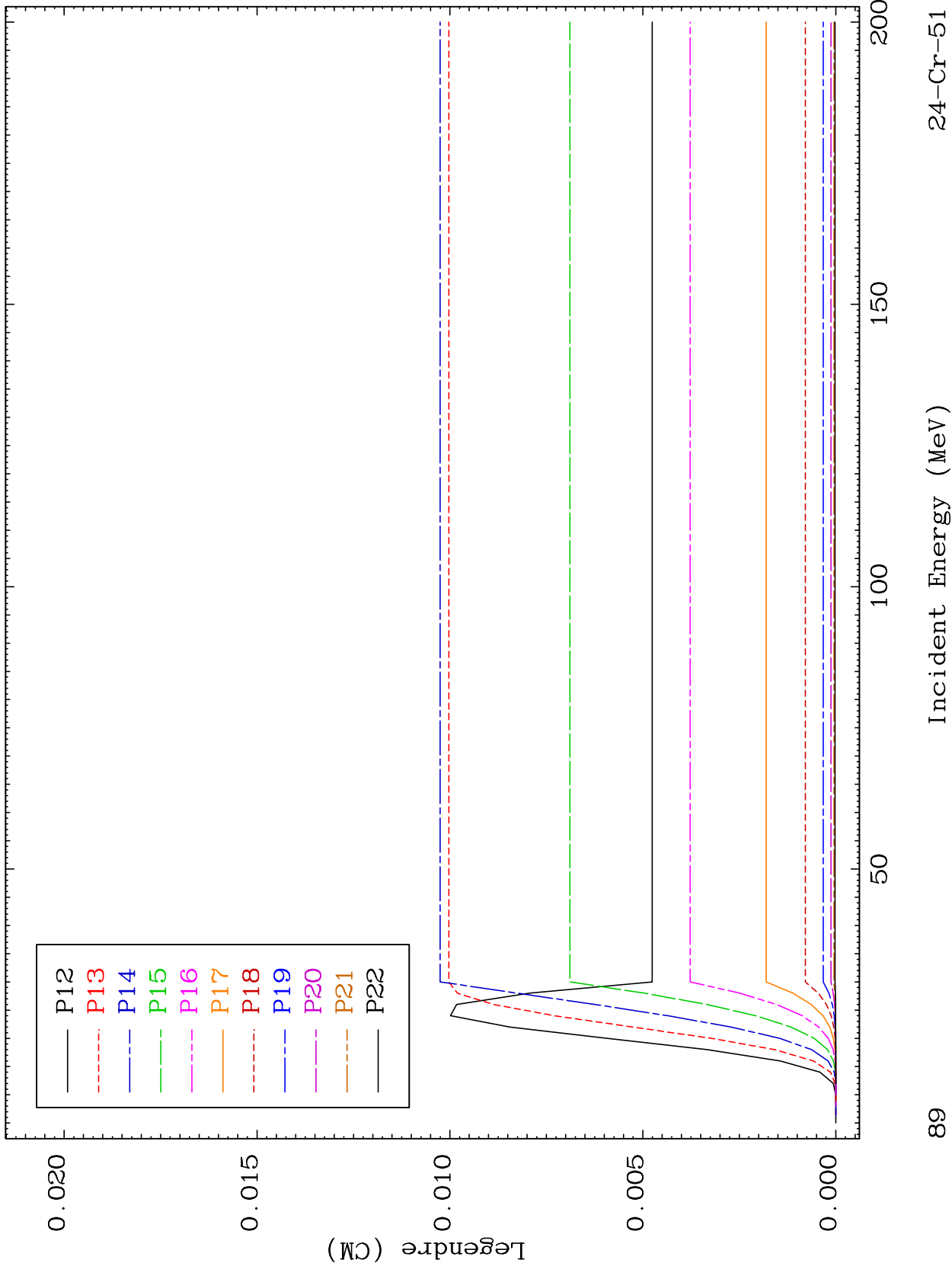
MT= 75 (n,n') Level  
Legendre Coefficients

24-Cr-51



88

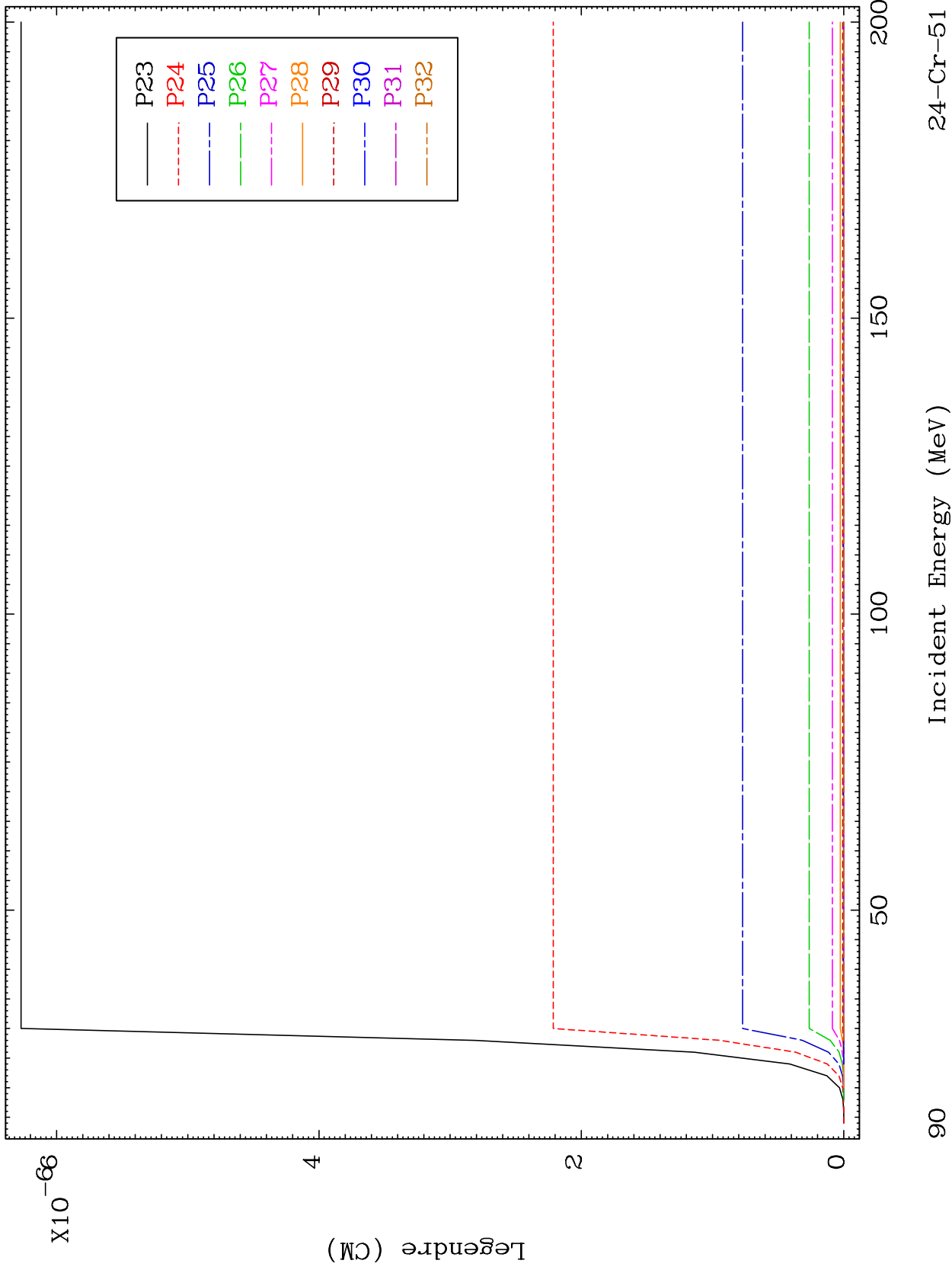
24-Cr-51



MAT 2428

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

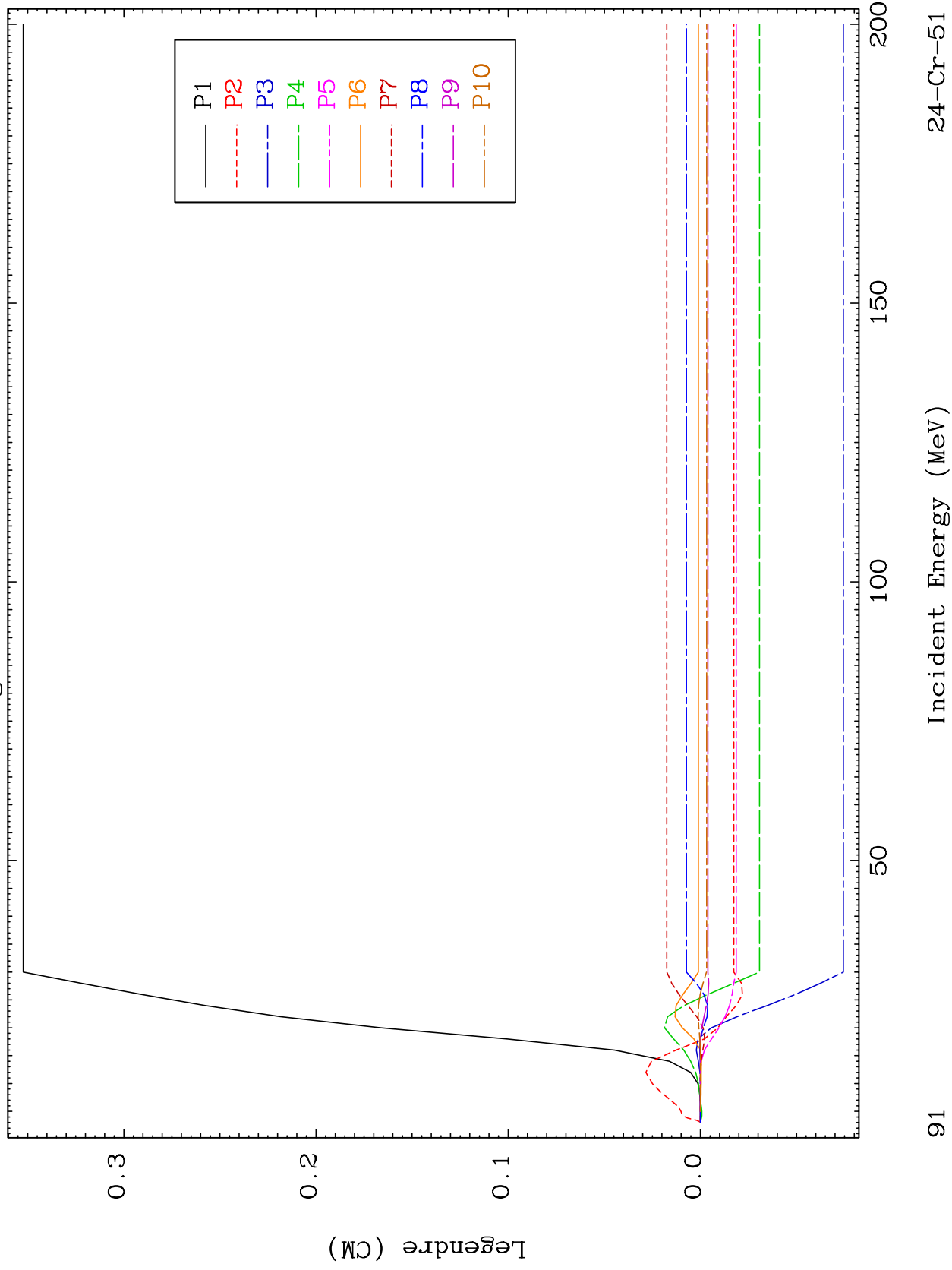
24-Cr-51



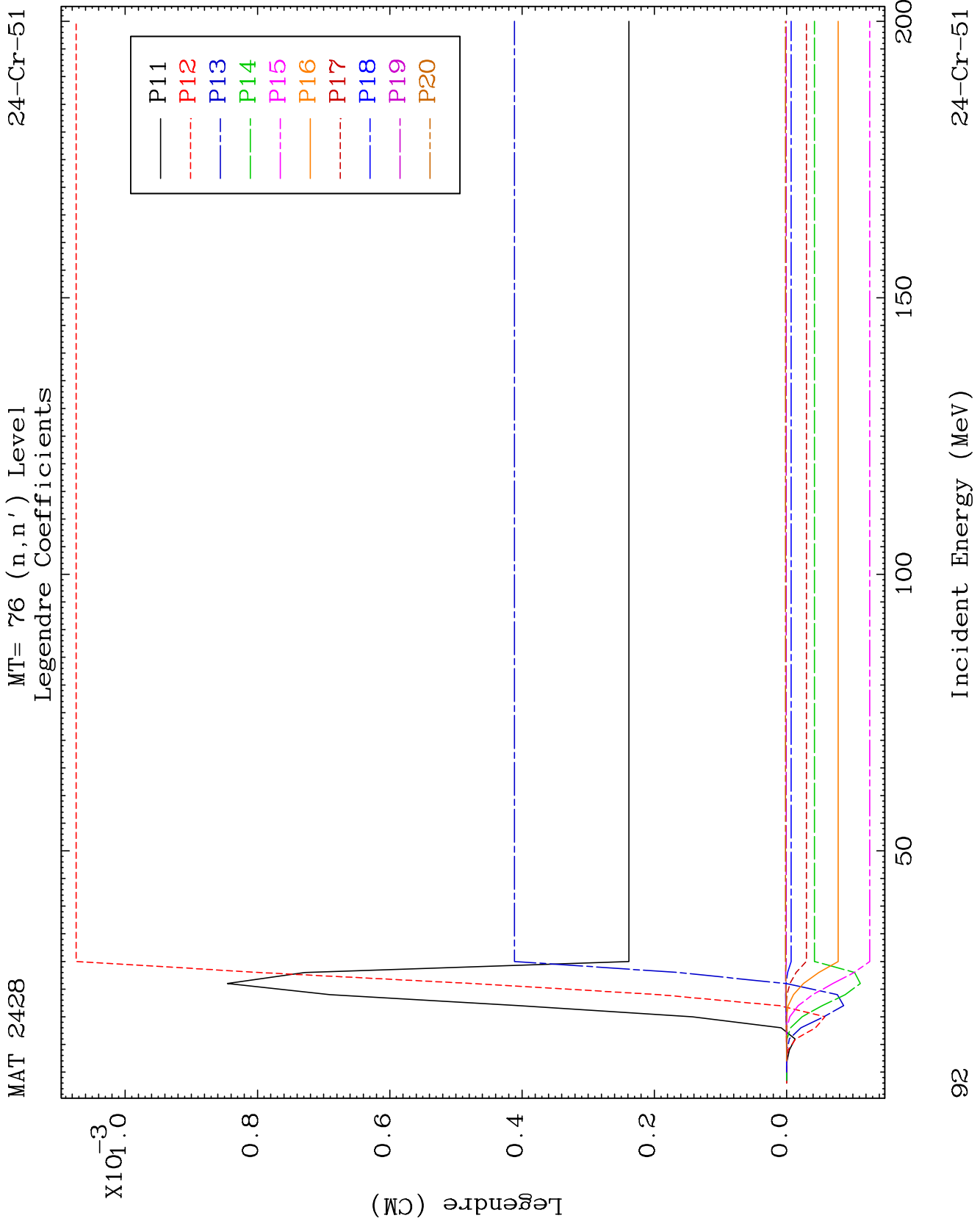
MAT 2428

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

24-Cr-51



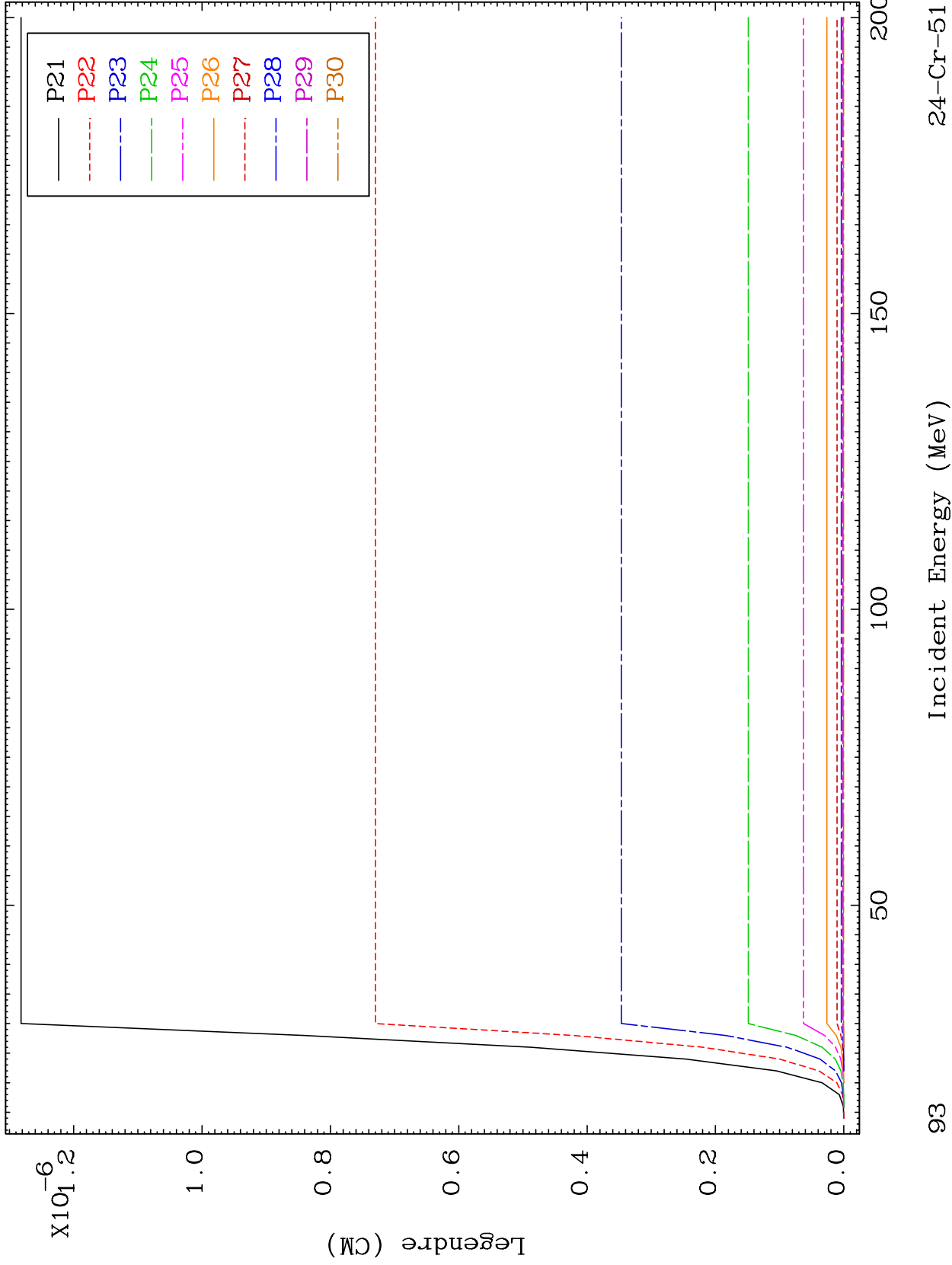
91



MAT 2428

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

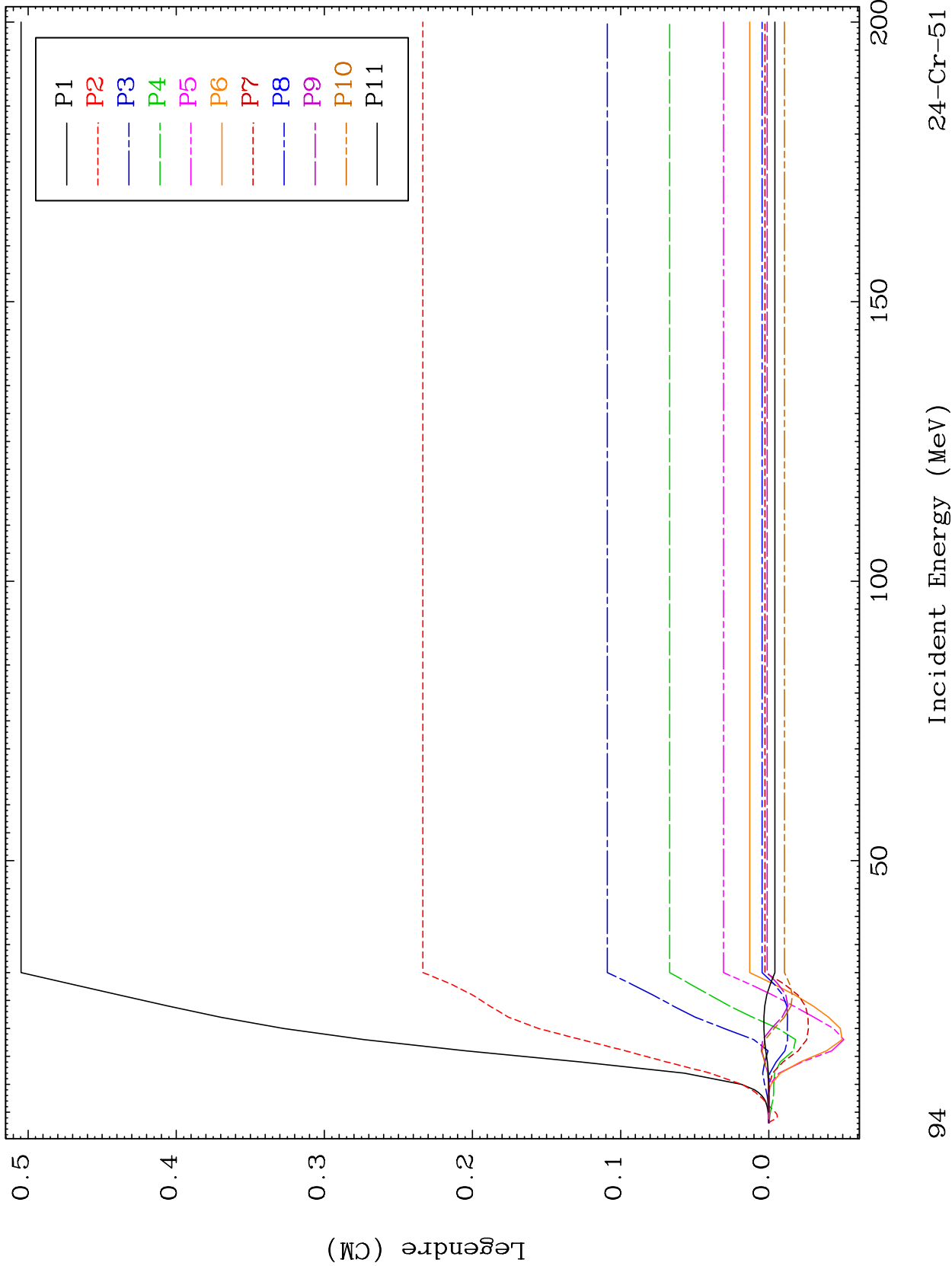
24-Cr-51



MAT 2428

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

24-Cr-51



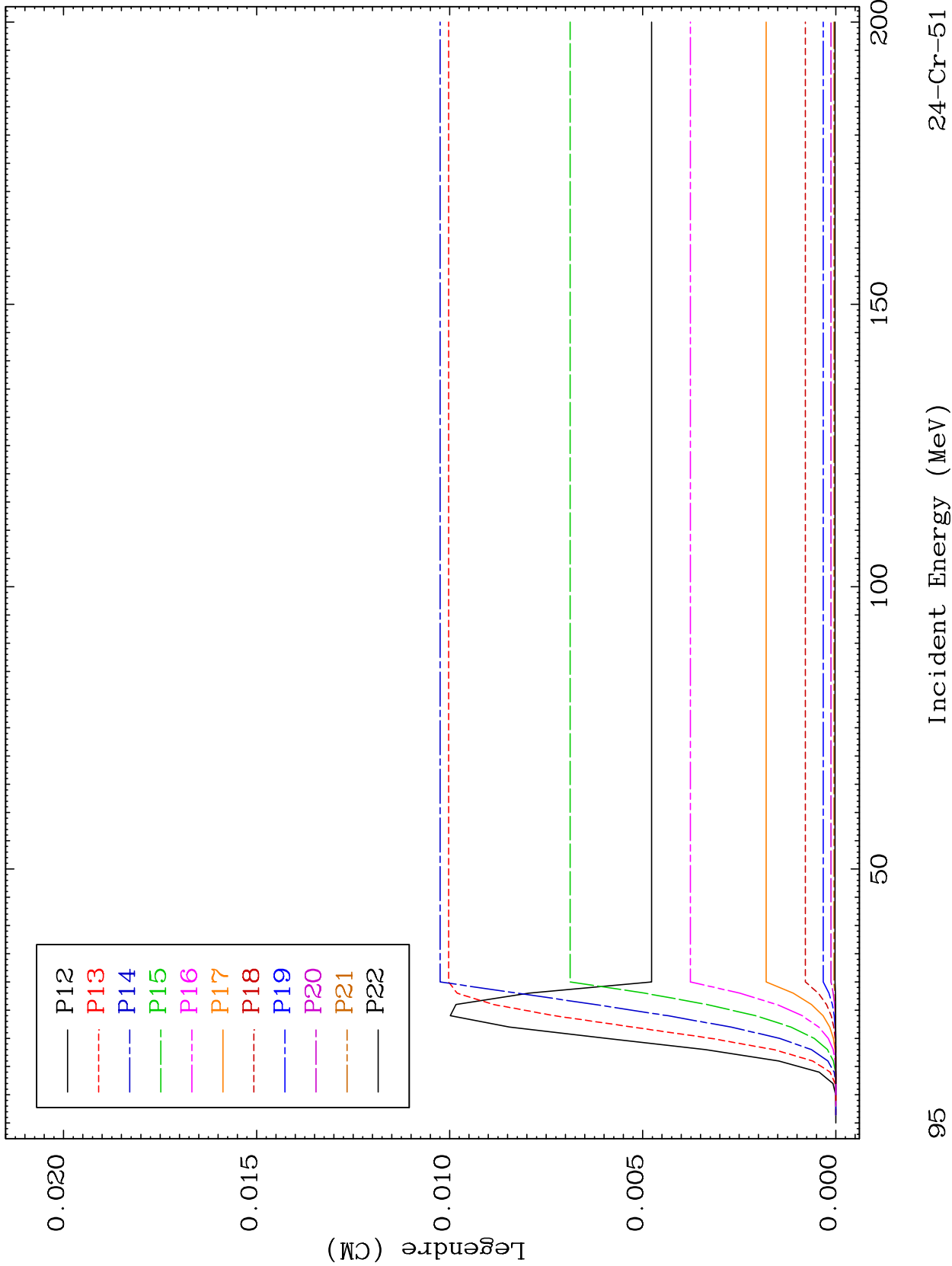
94

24-Cr-51

MAT 2428

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

24-Cr-51



95

Incident Energy (MeV)

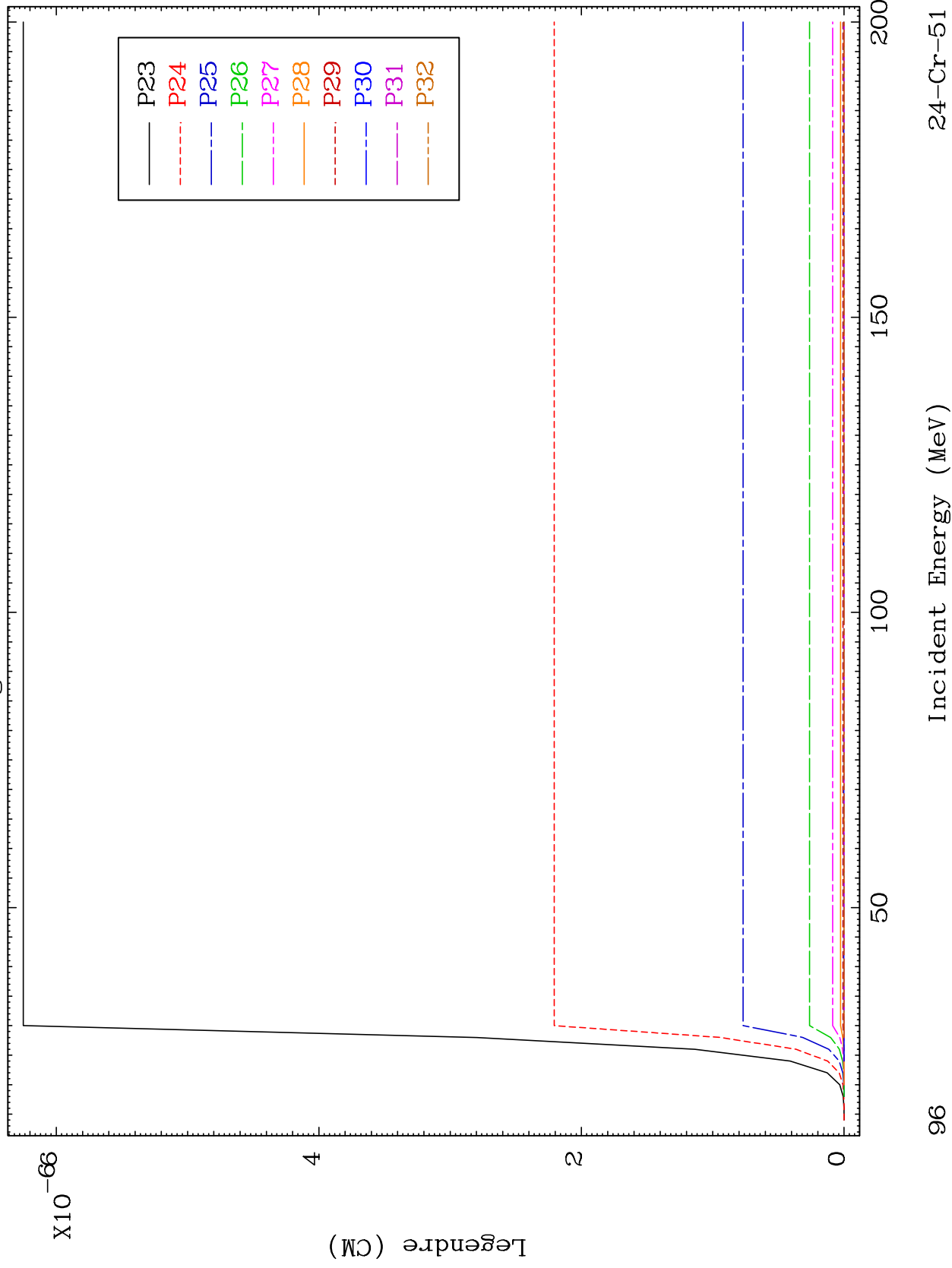
24-Cr-51



MAT 2428

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

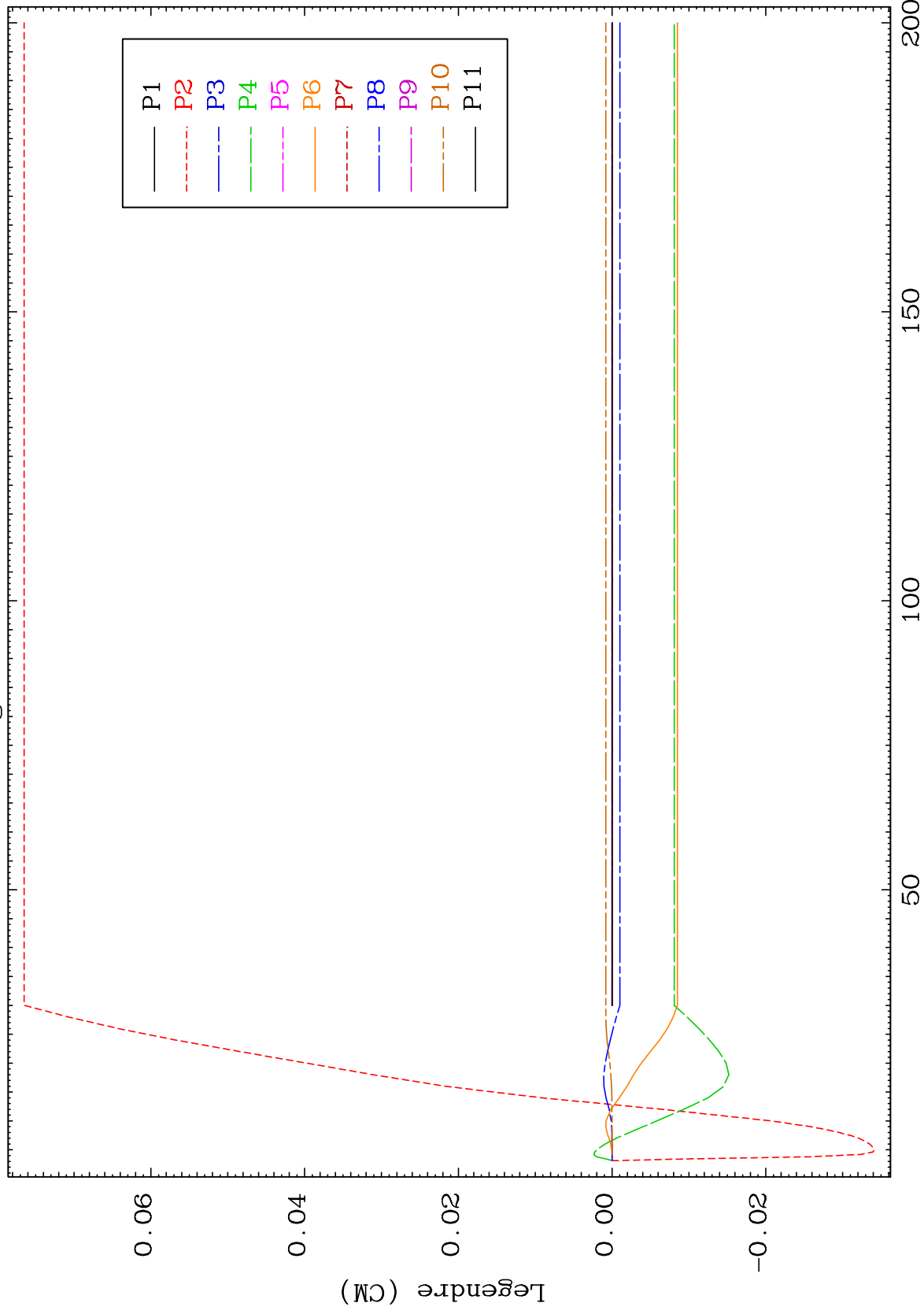
24-Cr-51



MAT 2428

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

24-Cr-51



97

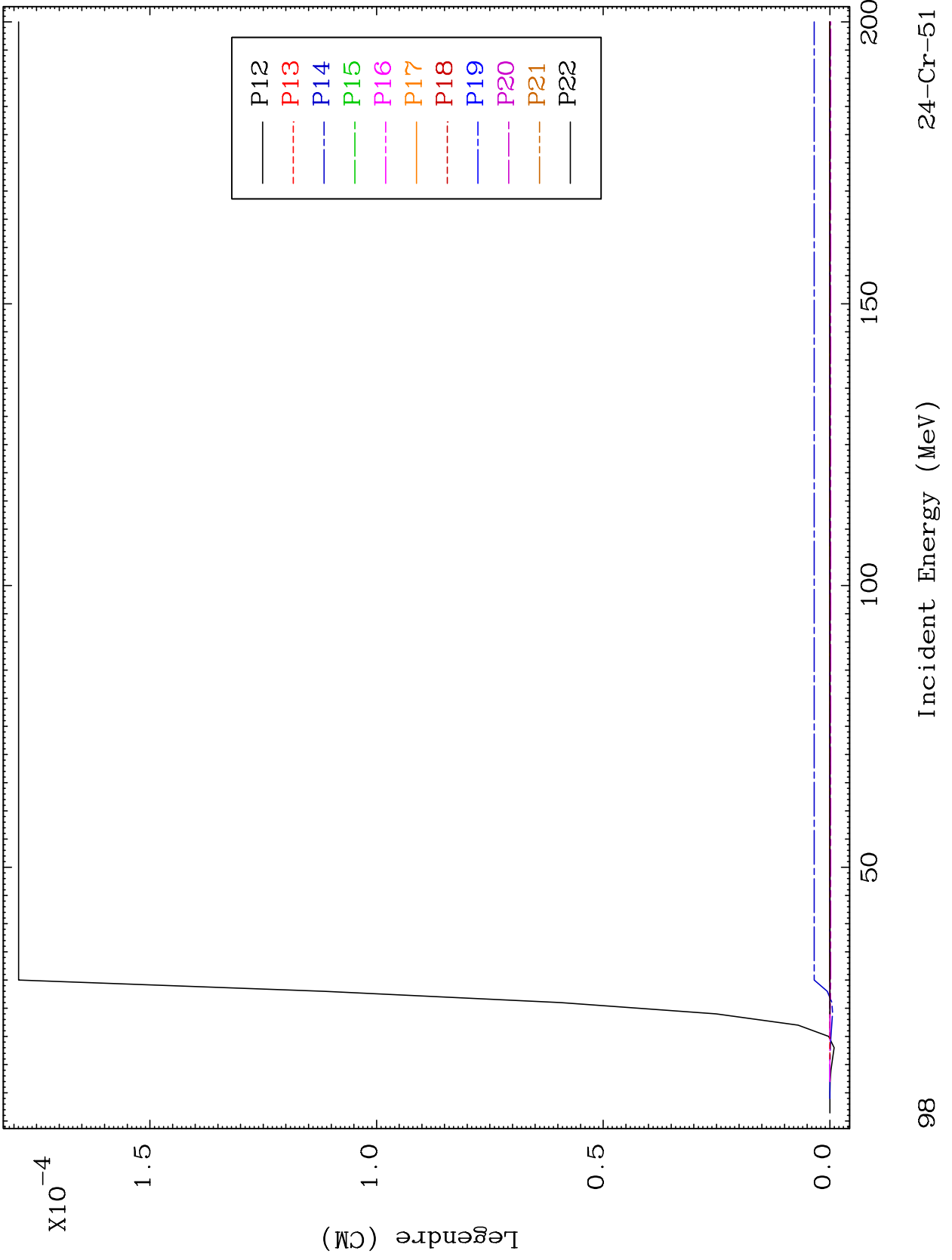
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

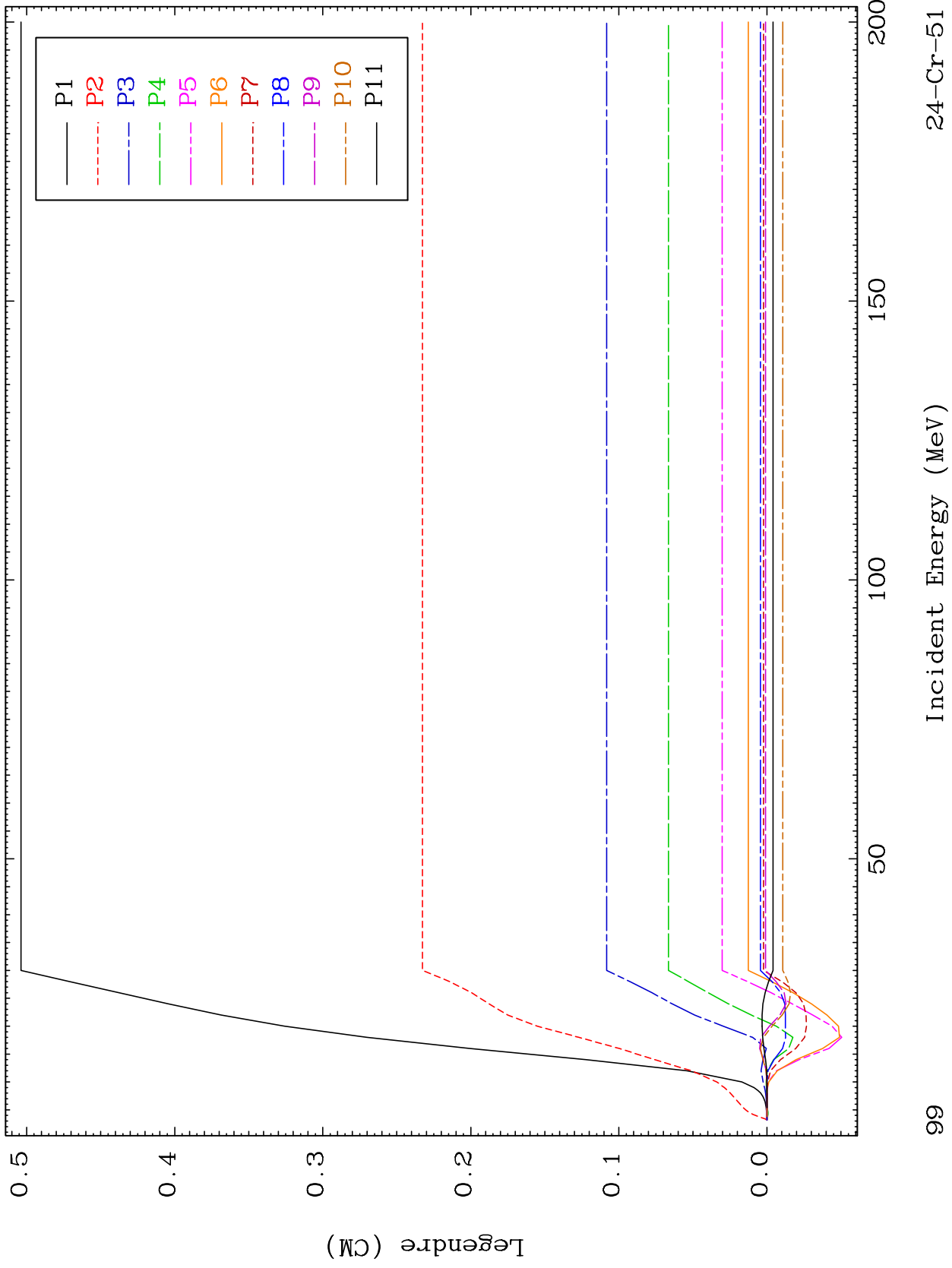
24-Cr-51



MAT 2428

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

24-Cr-51

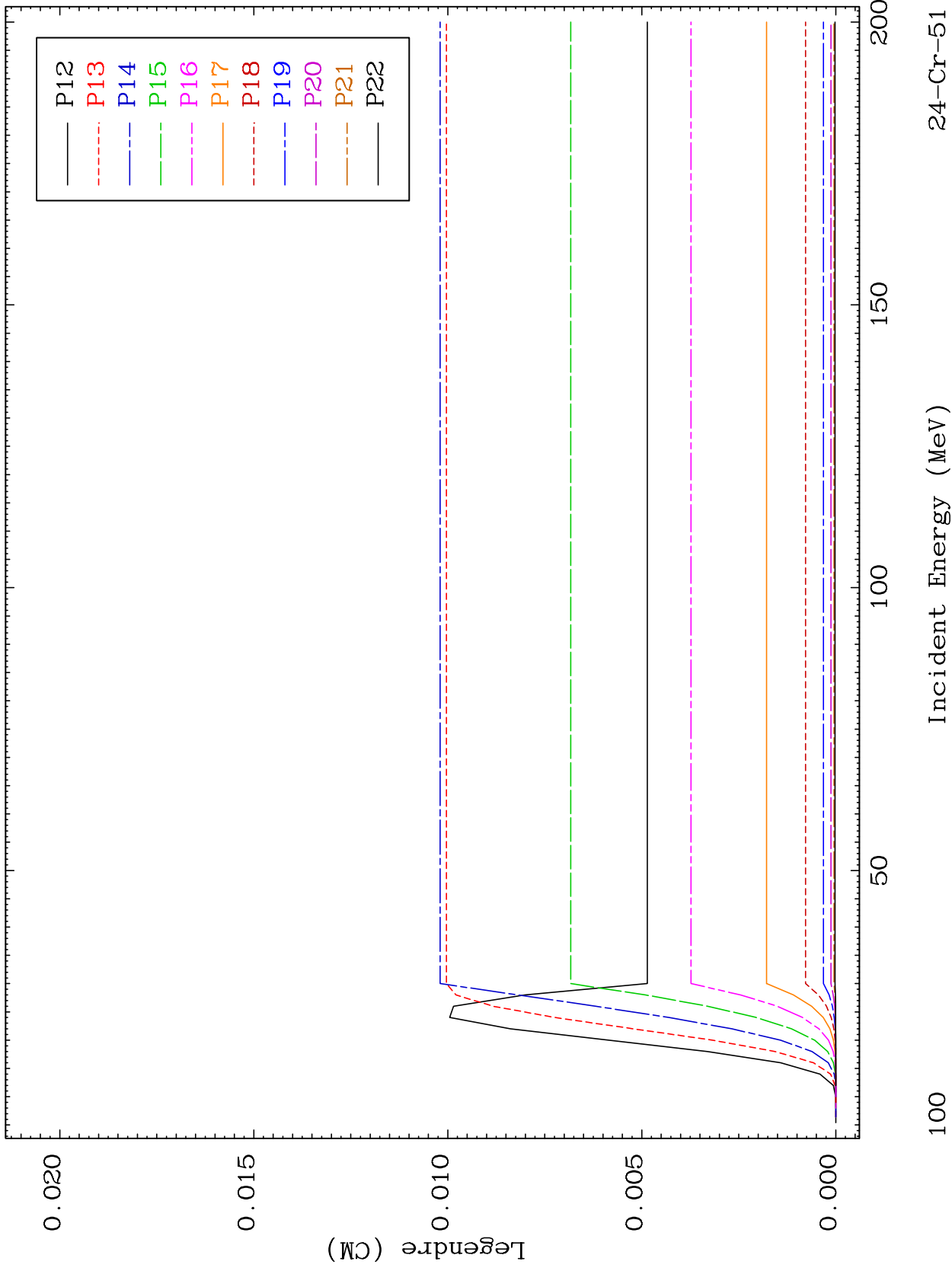


99

MAT 2428

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

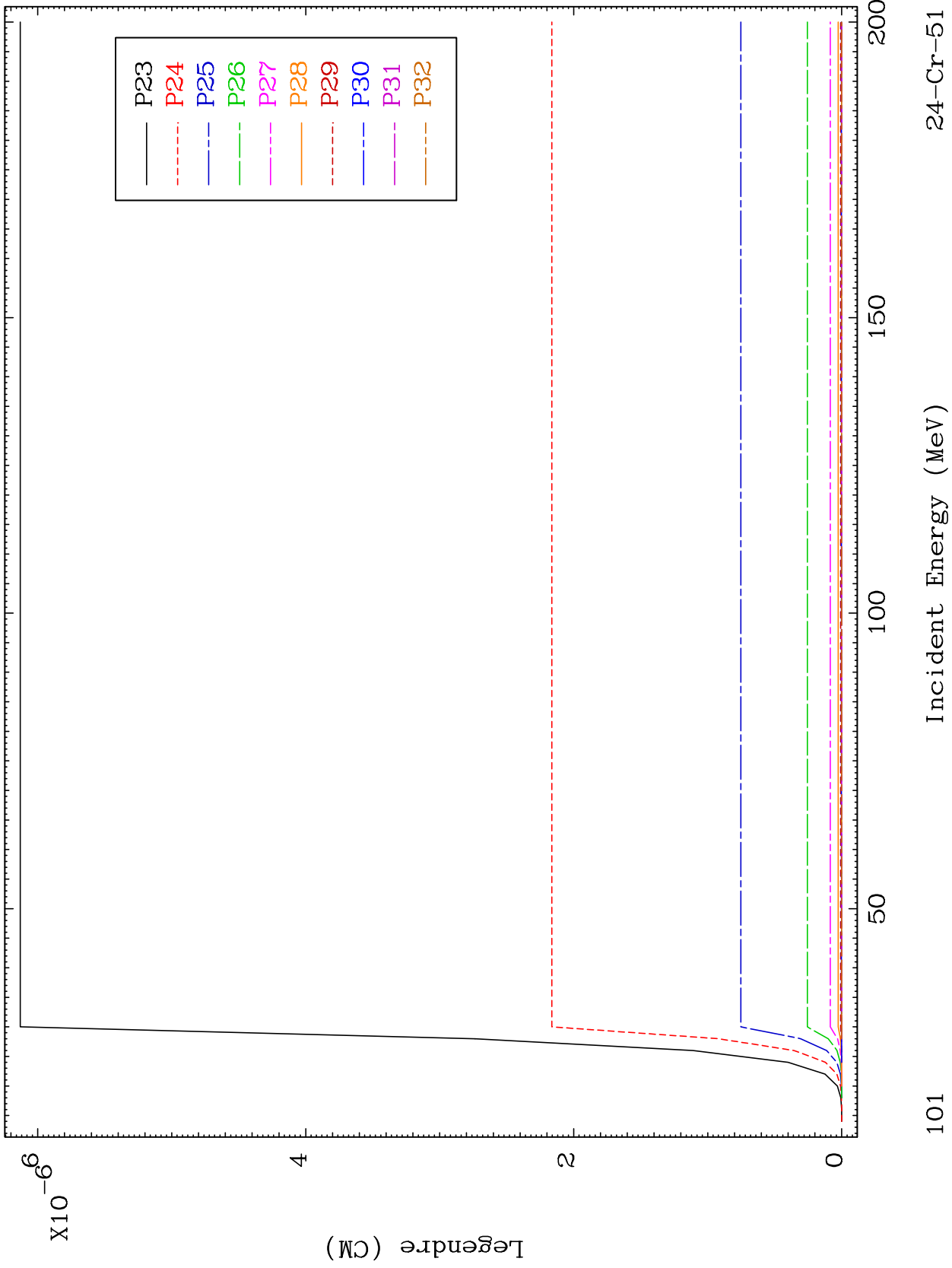
24-Cr-51



MAT 2428

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

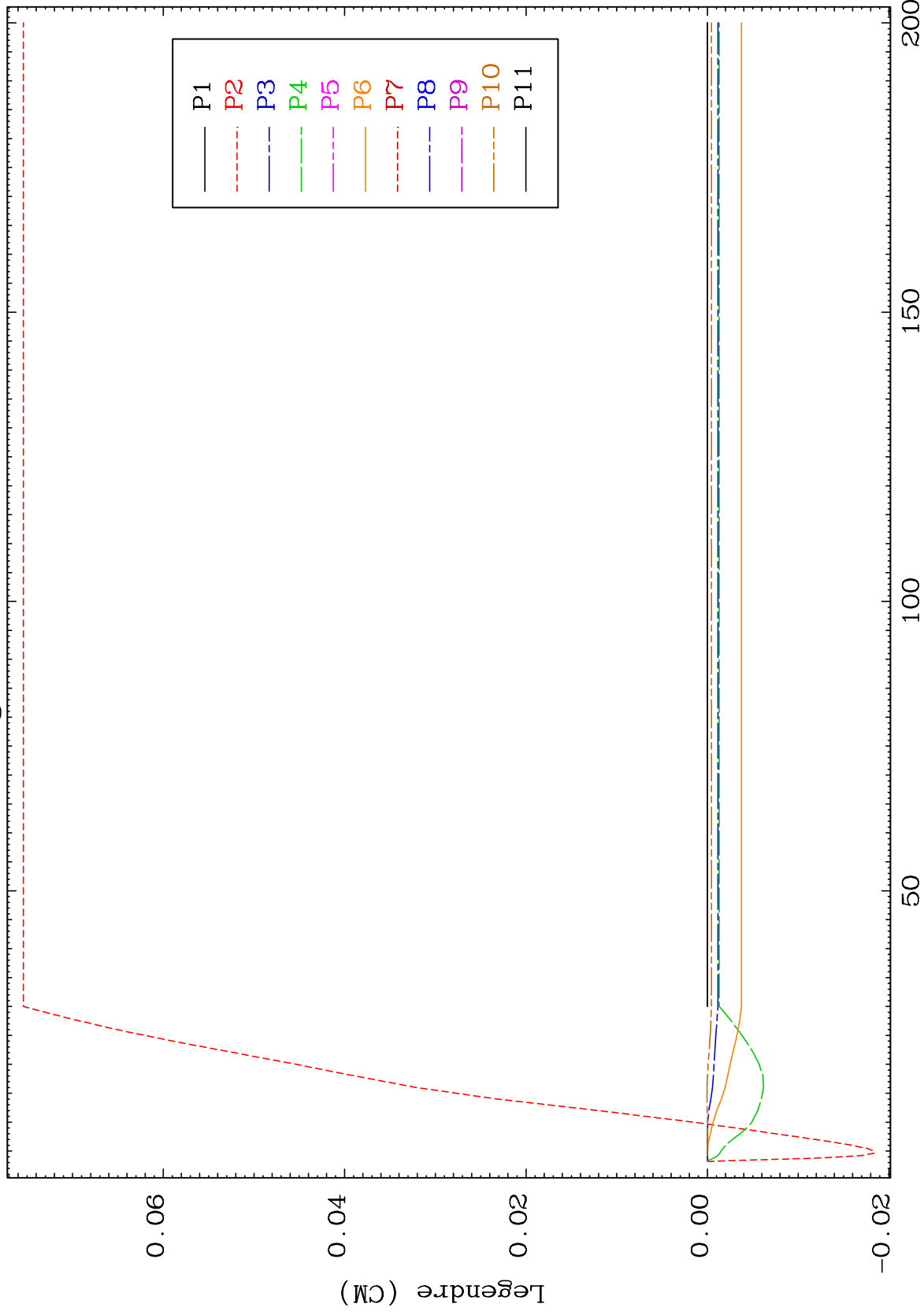
24-Cr-51



MAT 2428

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

24-Cr-51



102

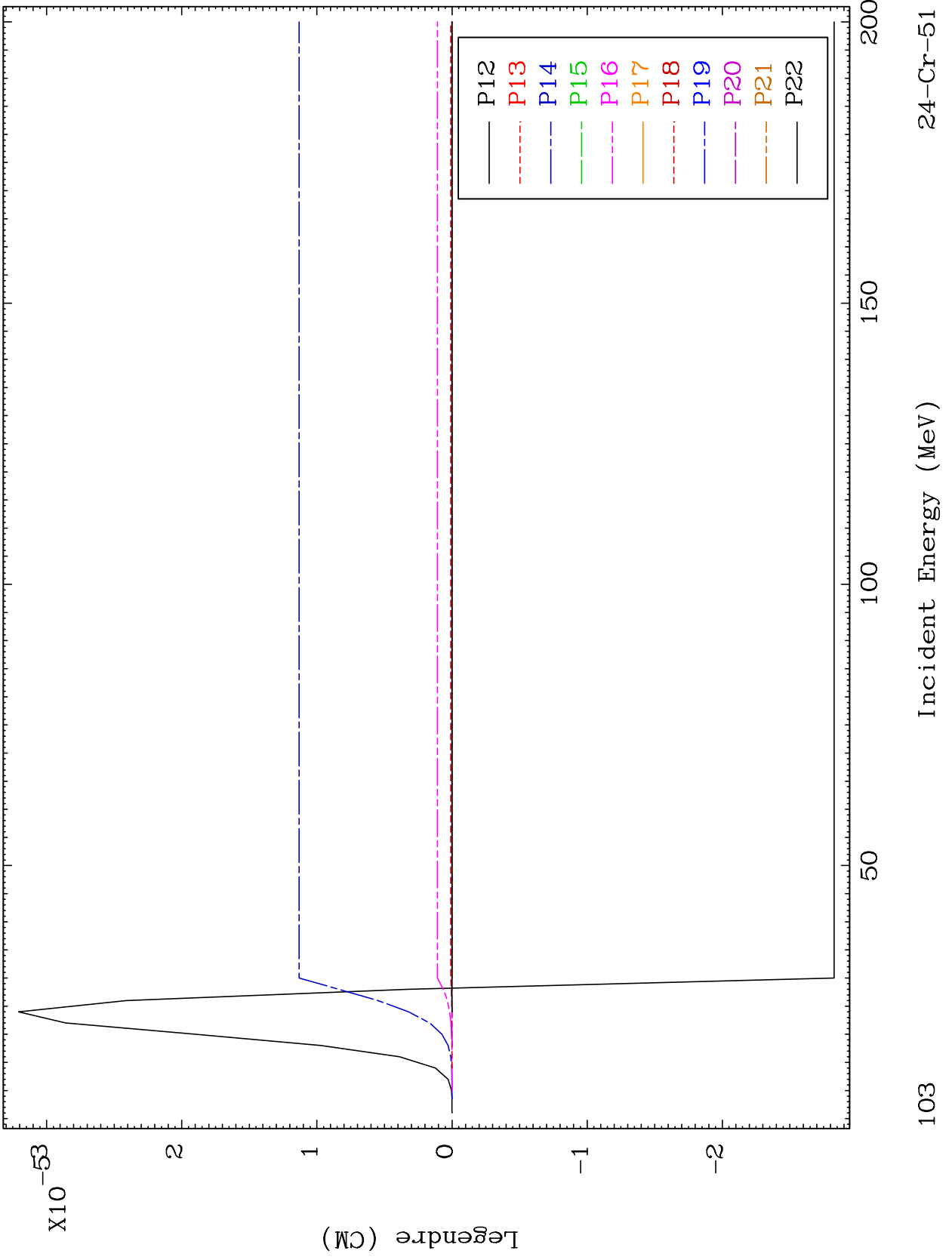
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

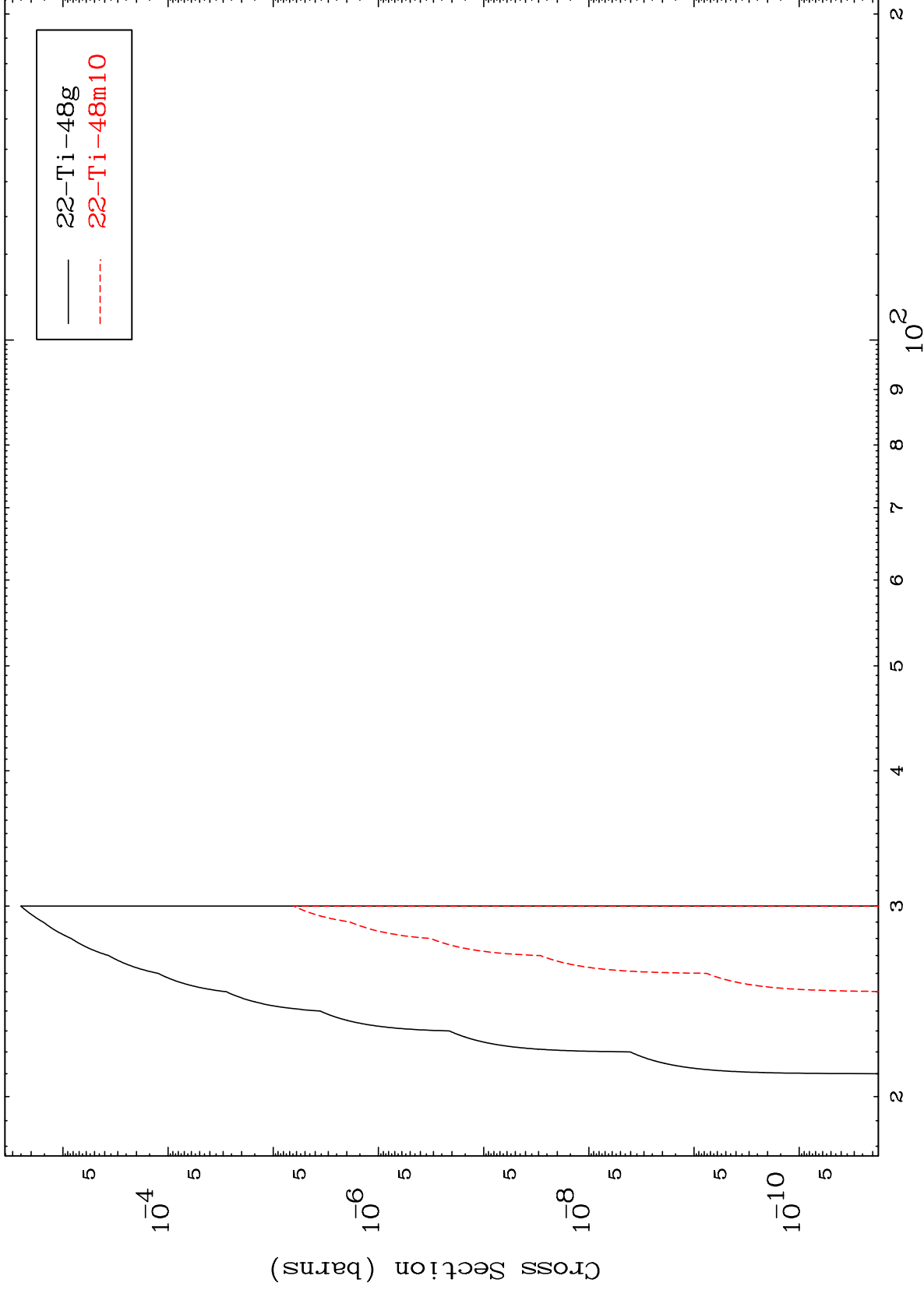


103

24-Cr-51



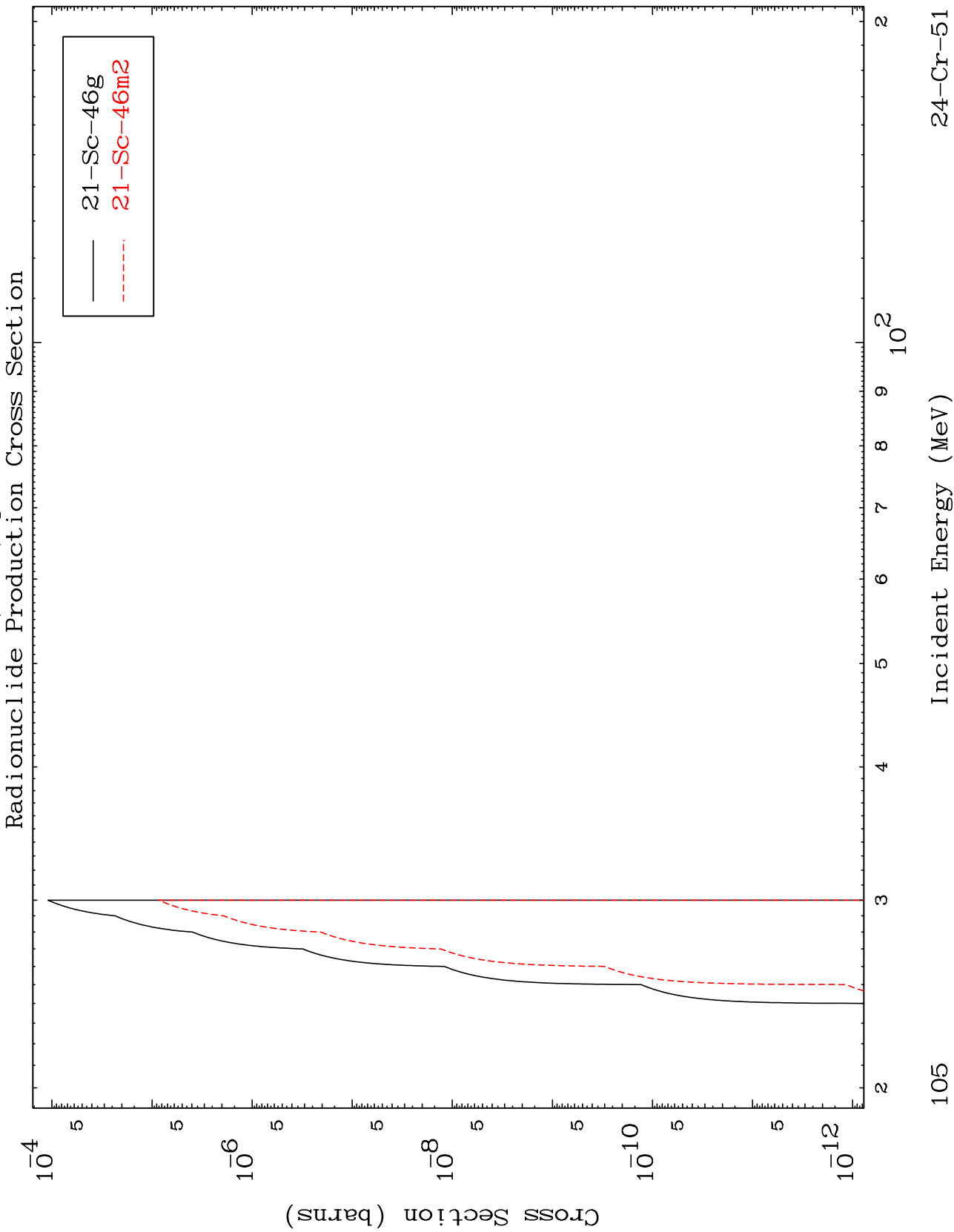
Radionuclide Production Cross Section



MAT 2428

(n,n') p  $\alpha$

24-Cr-51



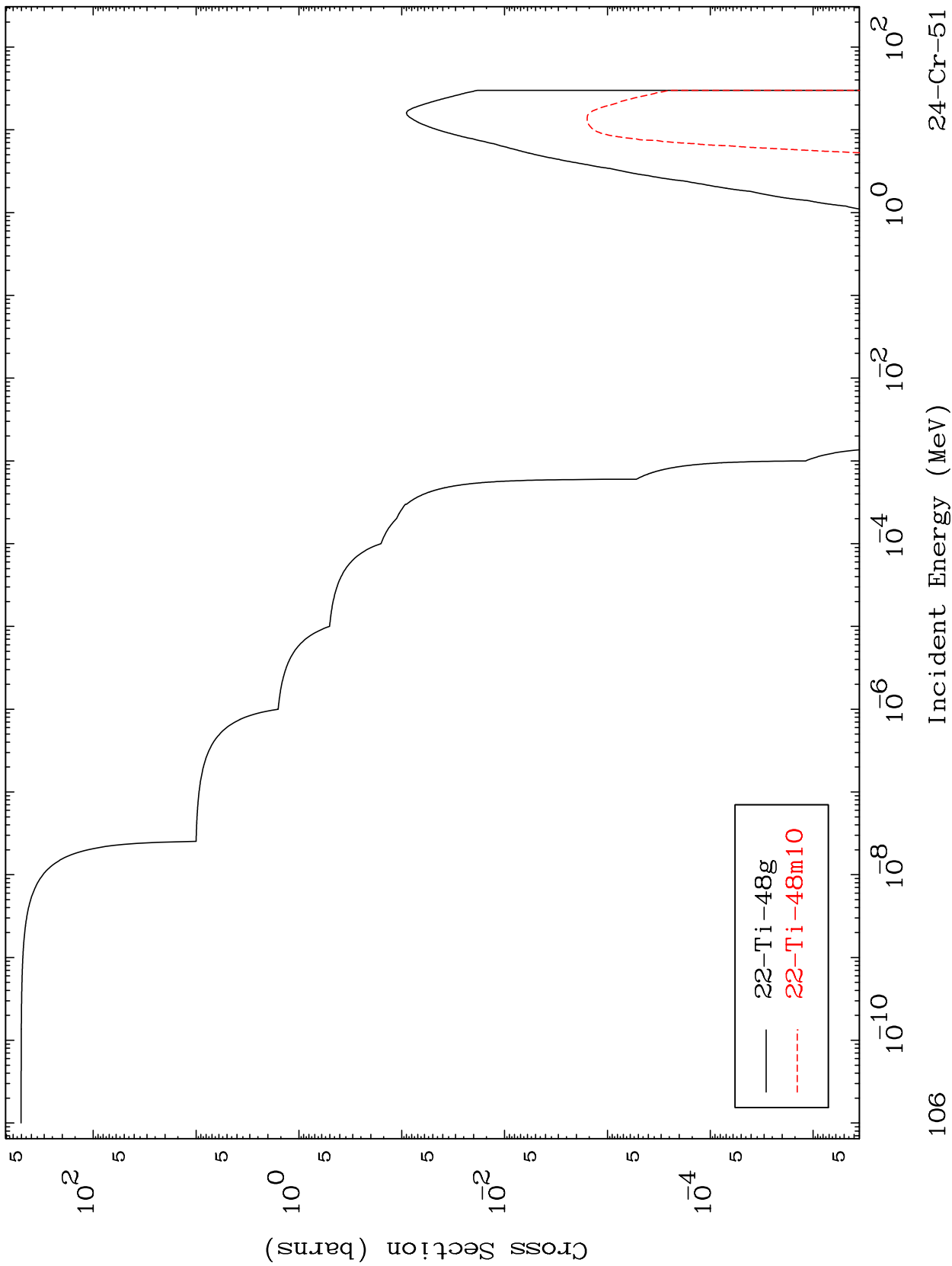
105

24-Cr-51

MAT 2428

24-Cr-51

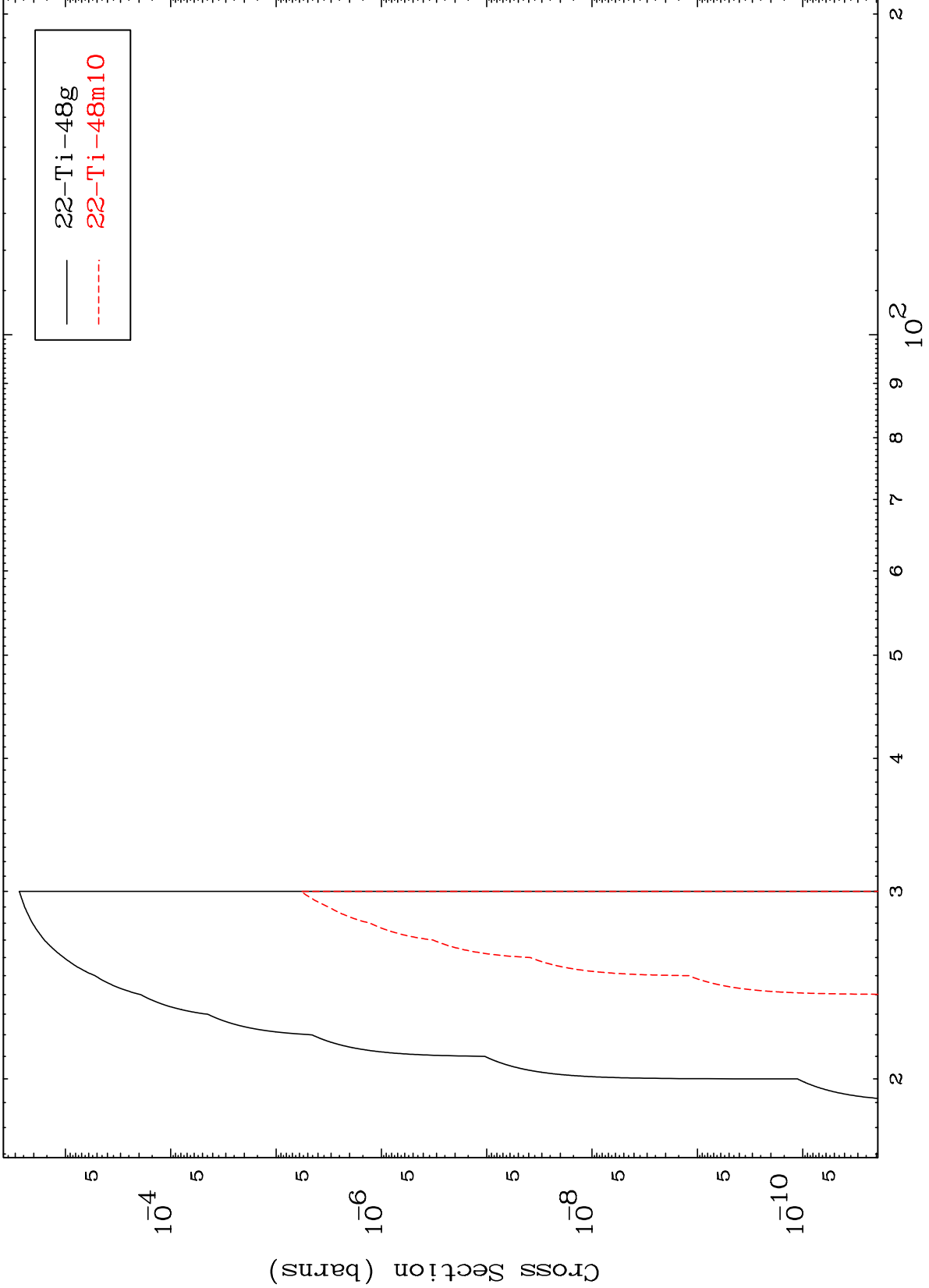
Radionuclide Production Cross Section (n,α)



106

24-Cr-51

Radionuclide Production Cross Section



— <sup>22</sup>Ti-48g  
- - - <sup>22</sup>Ti-48m10

Radionuclide Production Cross Section

