

Program EVALPLOT  
(Version 2018-1)

by

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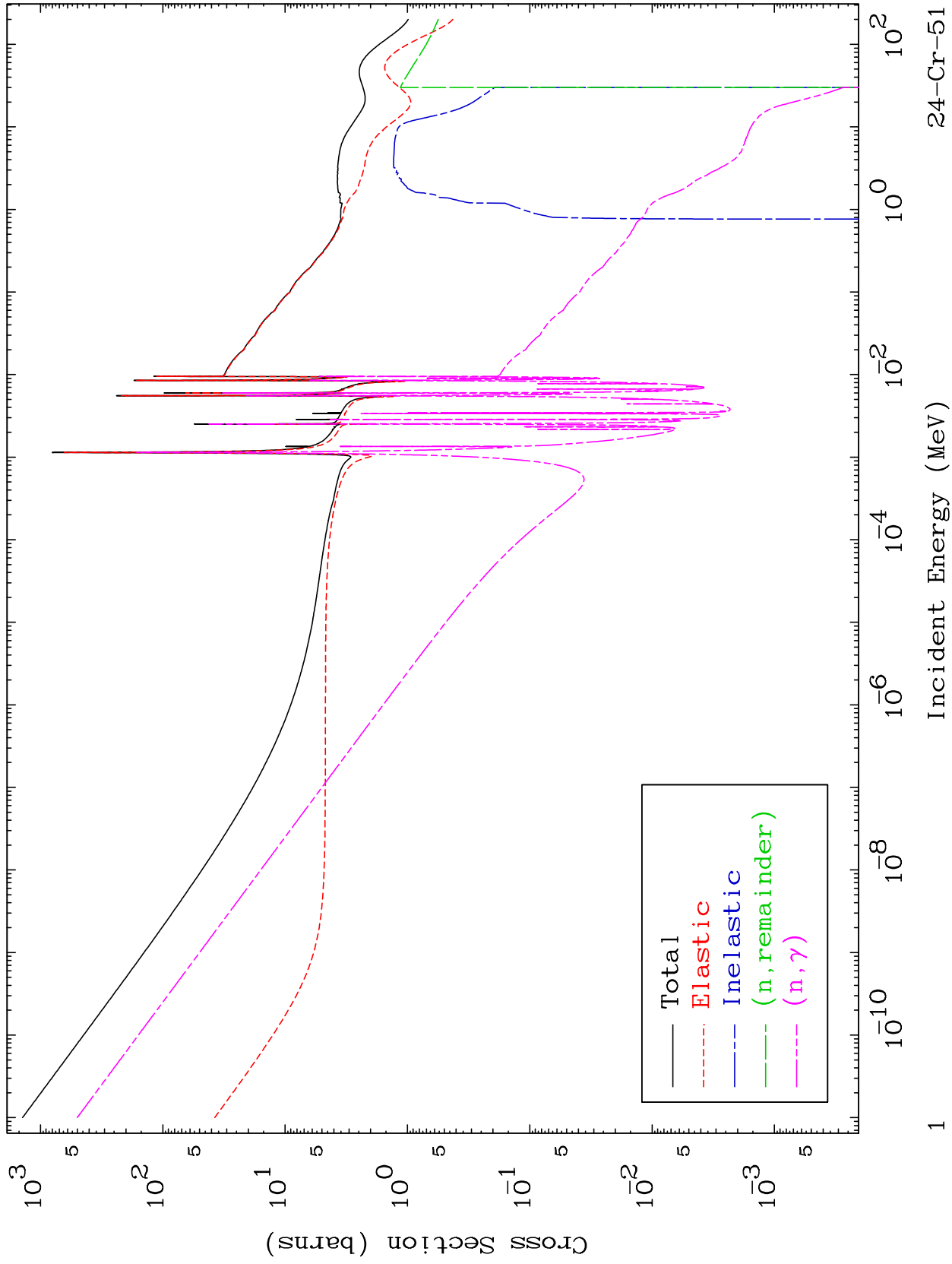
Press Mouse Button to Start

MAT 2428

Major

293 Kelvin Cross Sections

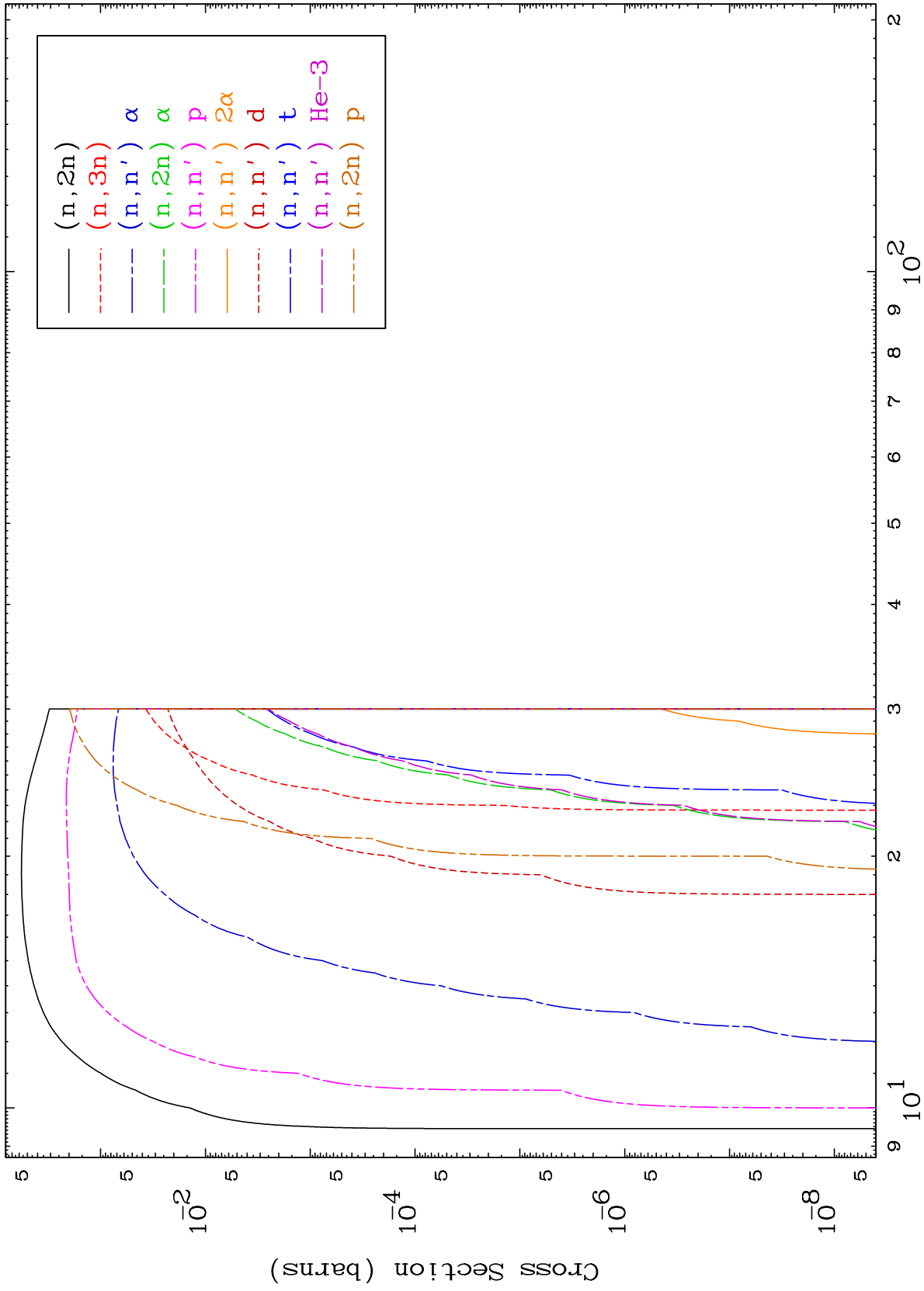
24-Cr-51



MAT 2428

Neutron Production  
293 Kelvin Cross Sections

24-Cr-51



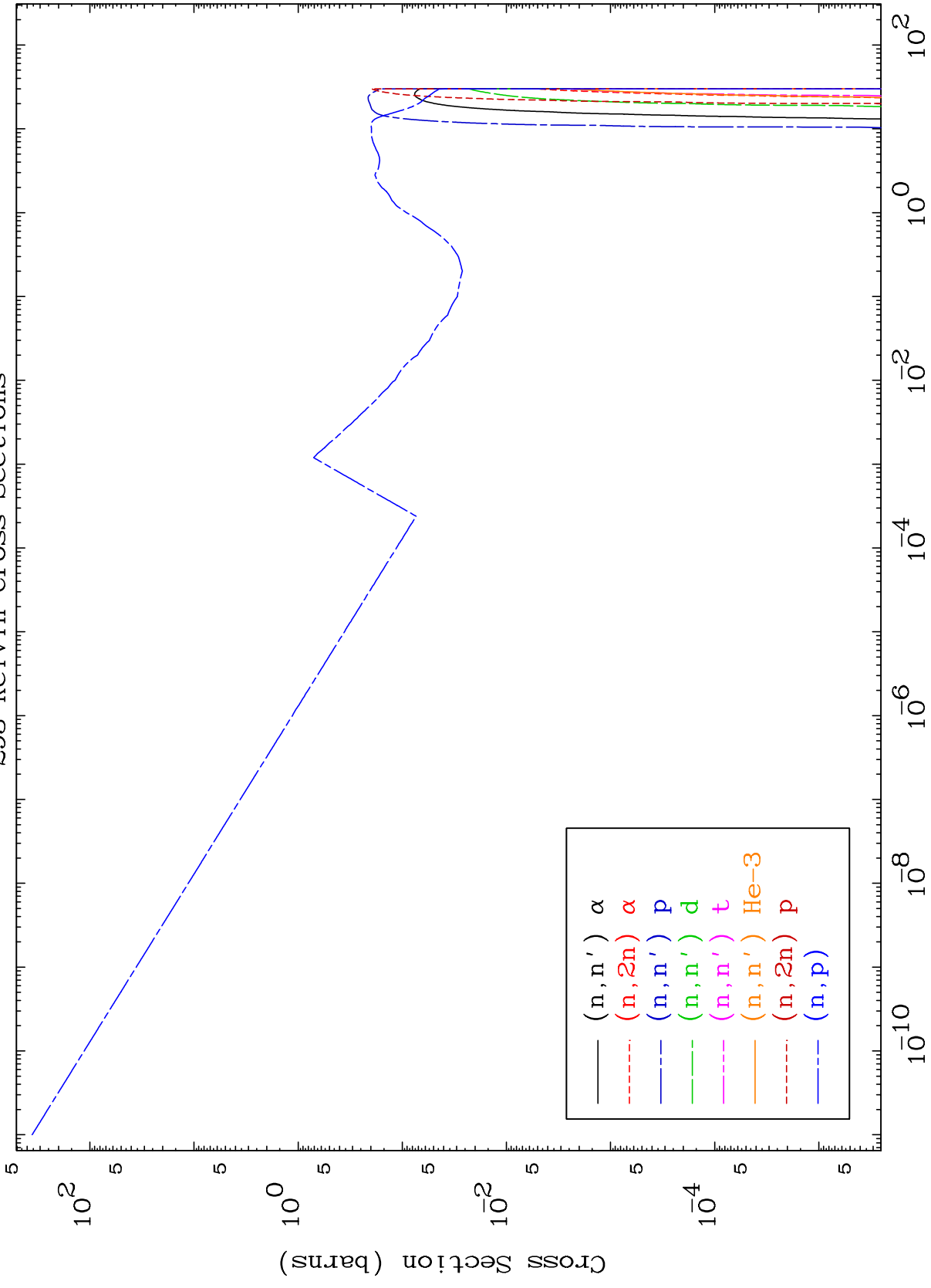
Incident Energy (MeV)

24-Cr-51

MAT 2428

293 Charged Particle  
Kelvin Cross Sections

24-Cr-51

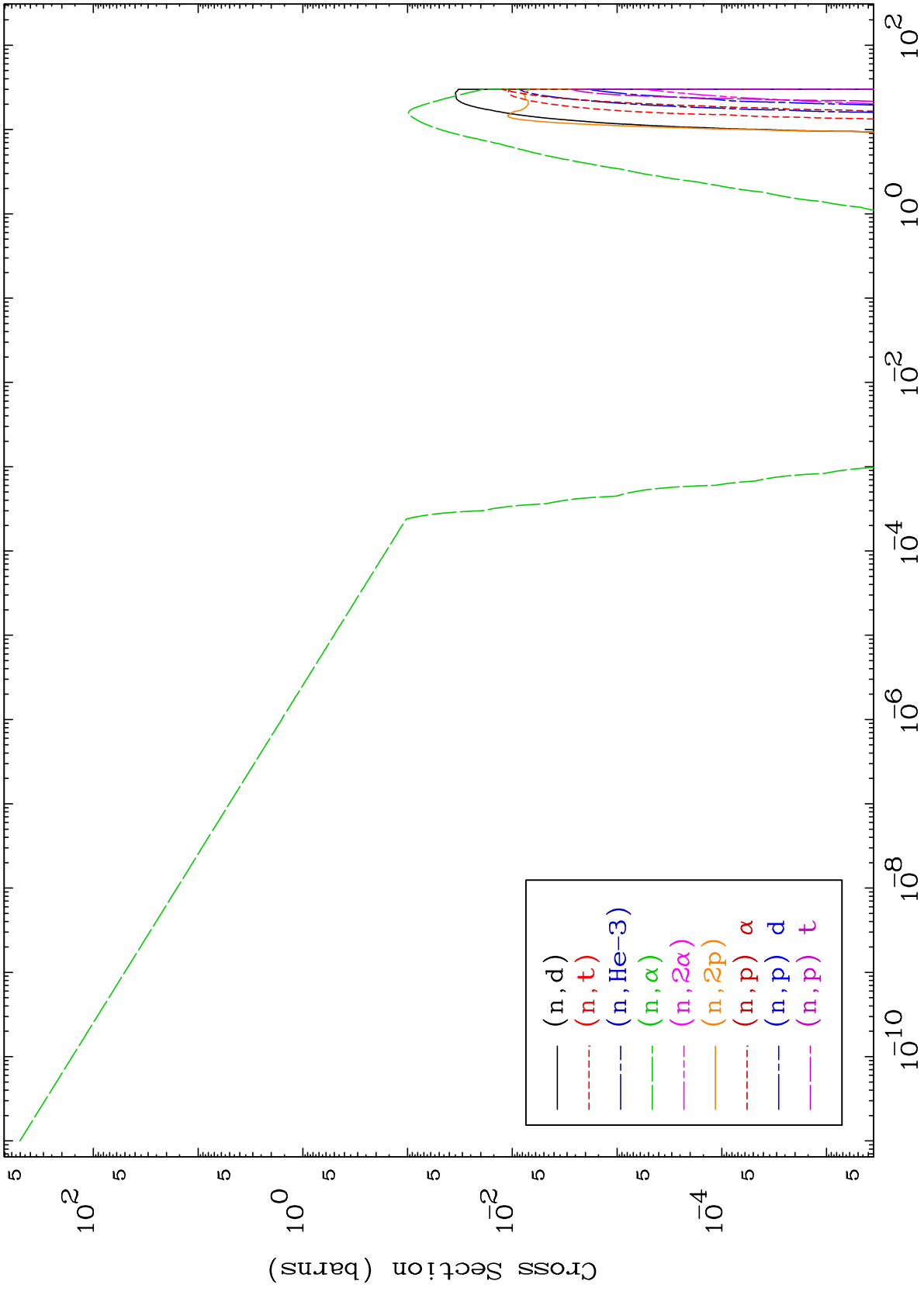


24-Cr-51

MAT 2428

293 Kelvin Cross Sections

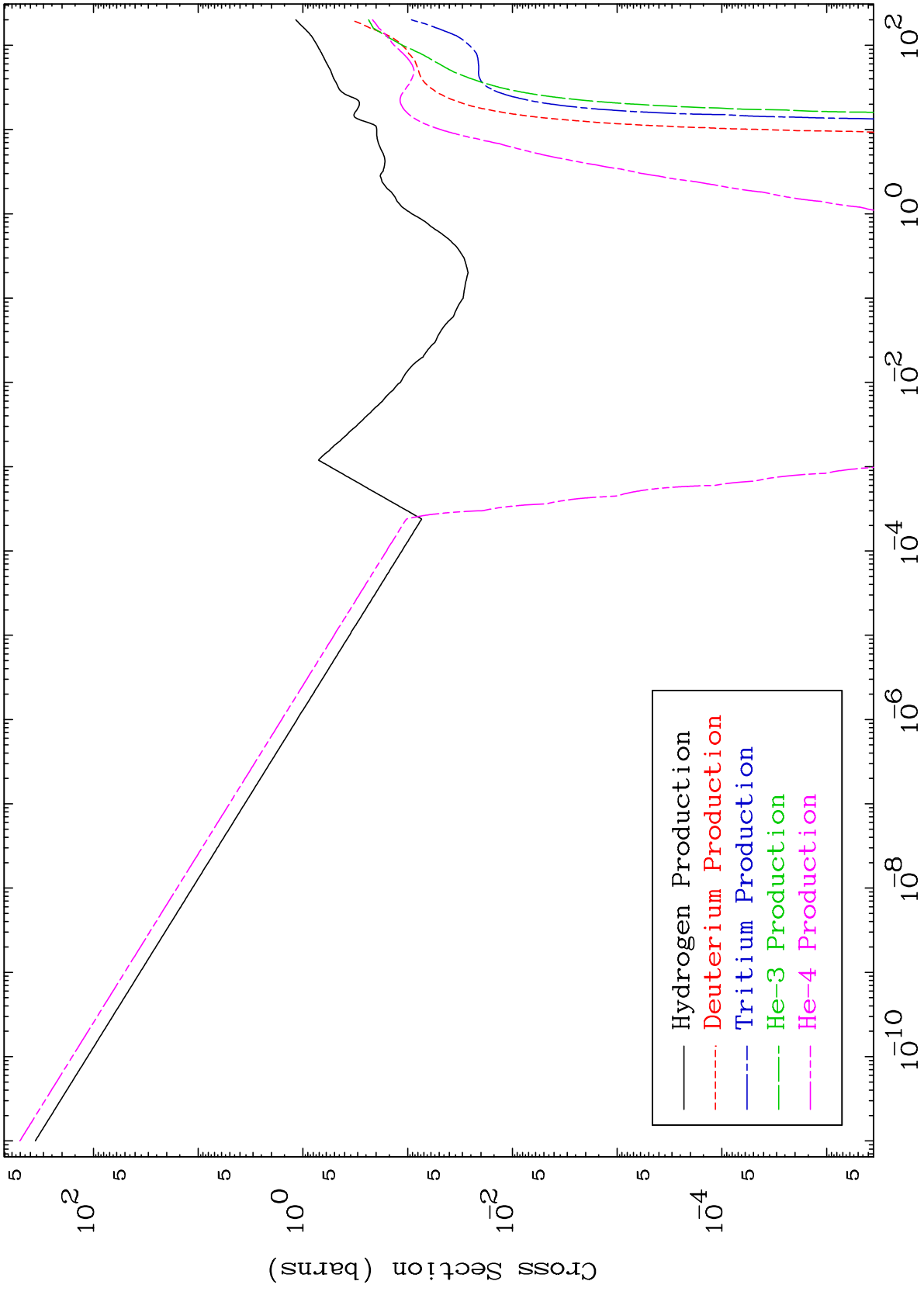
24-Cr-51



MAT 2428

Particle Production  
293 Kelvin Cross Sections

24-Cr-51



5

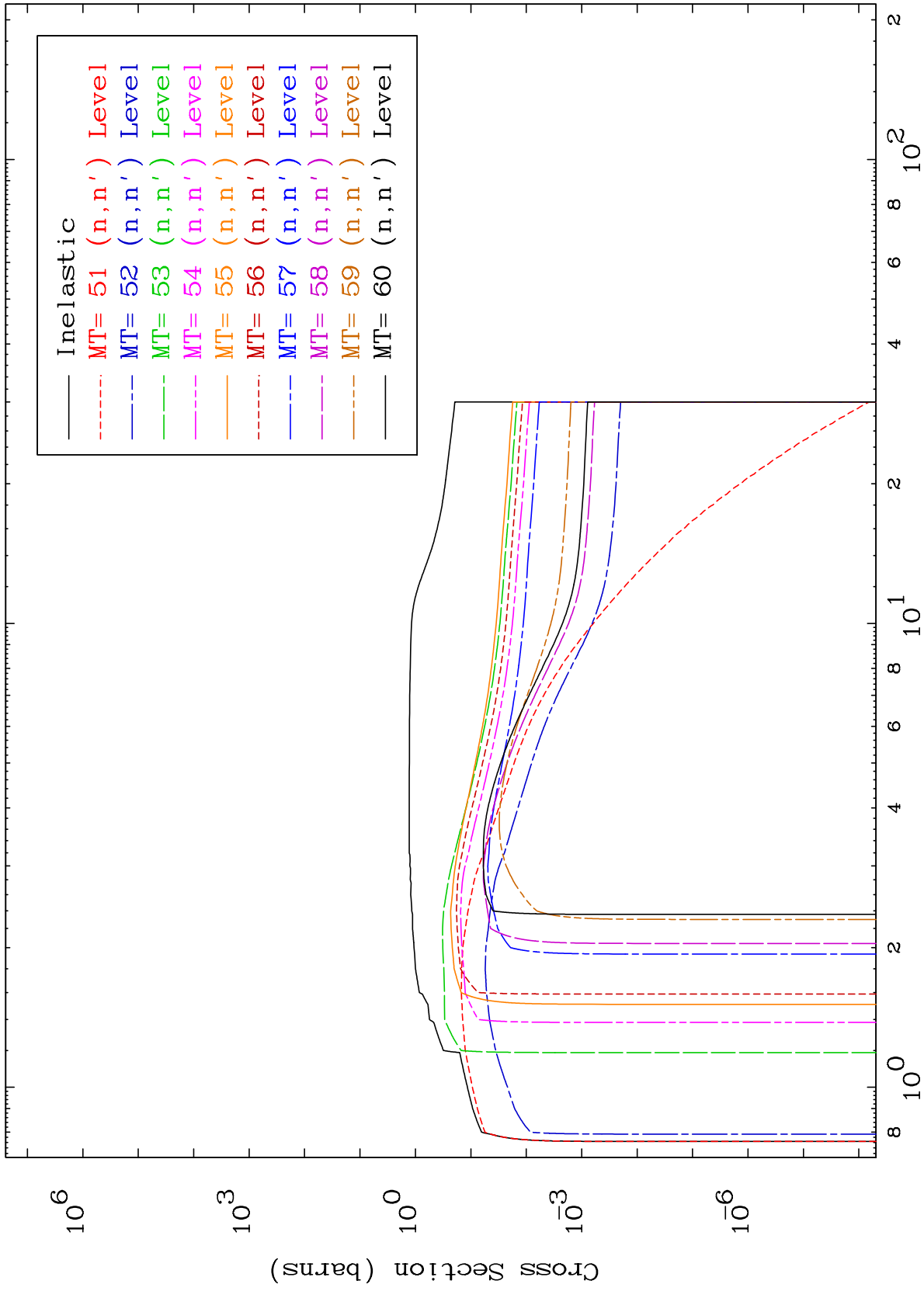
24-Cr-51

MAT 2428

(n,n') Level

24-Cr-51

293 Kelvin Cross Sections



6

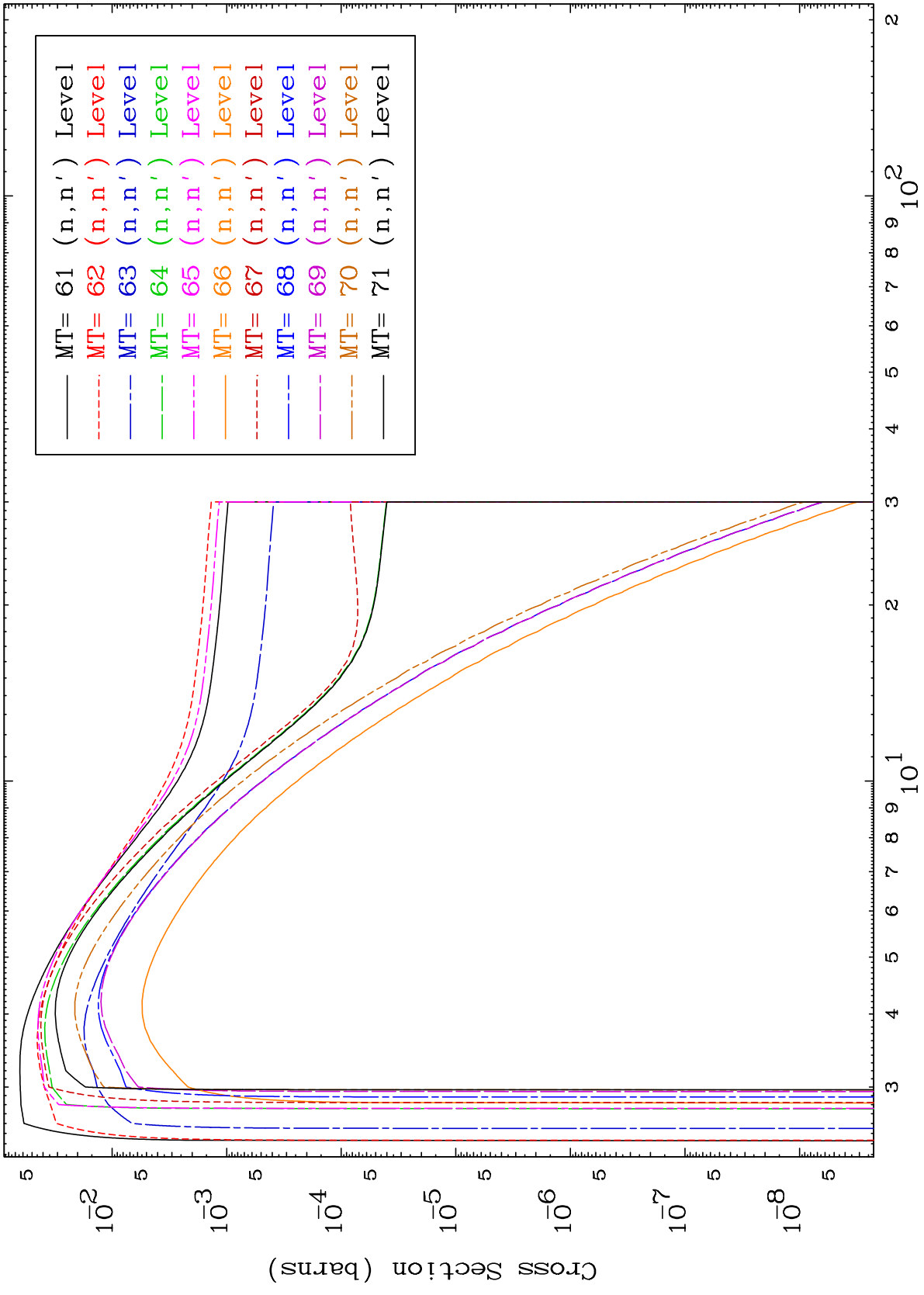
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,n') Level  
293 Kelvin Cross Sections

24-Cr-51



7

Incident Energy (MeV)

24-Cr-51

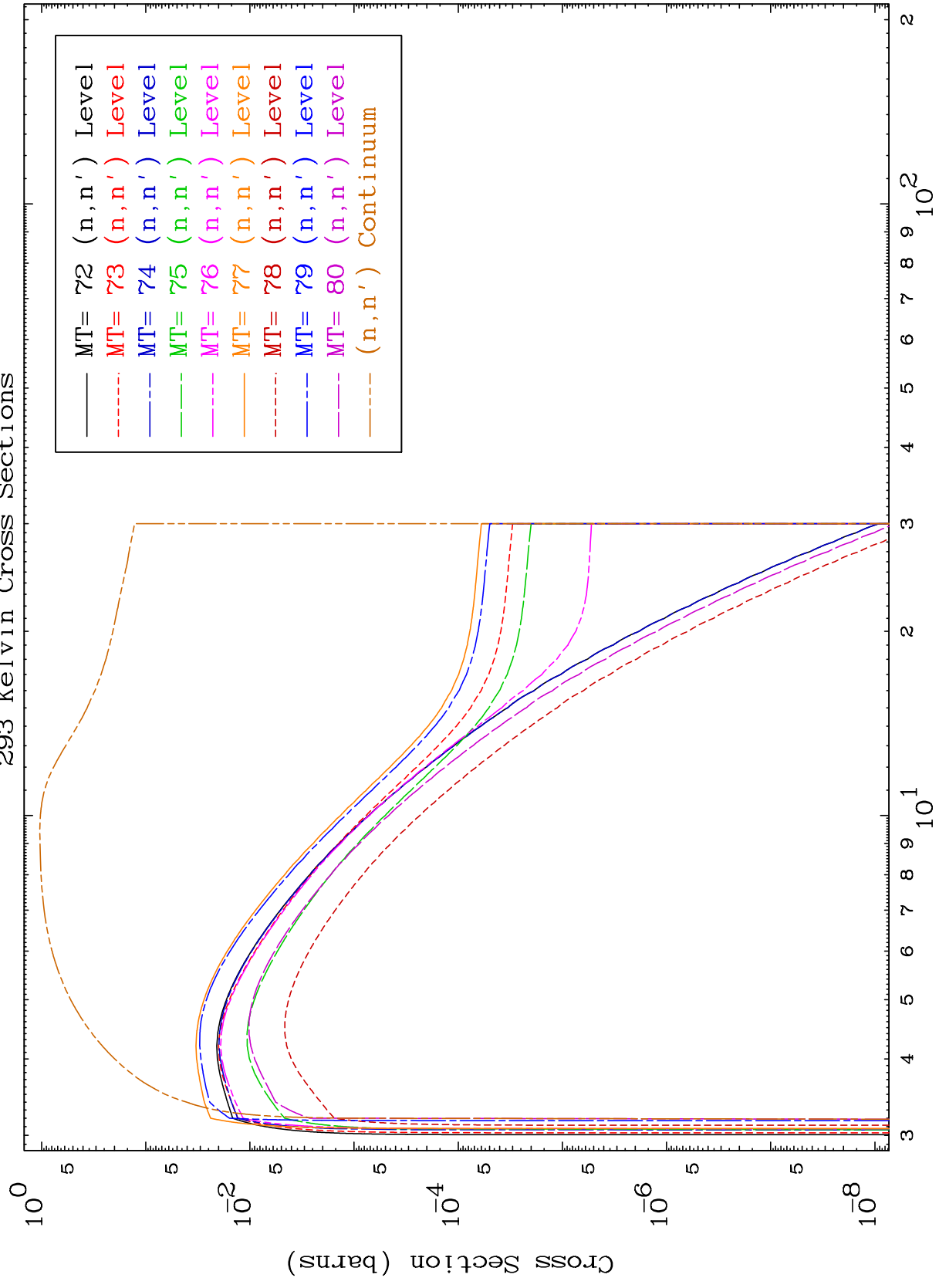


MAT 2428

(n,n') Level

24-Cr-51

293 Kelvin Cross Sections



8

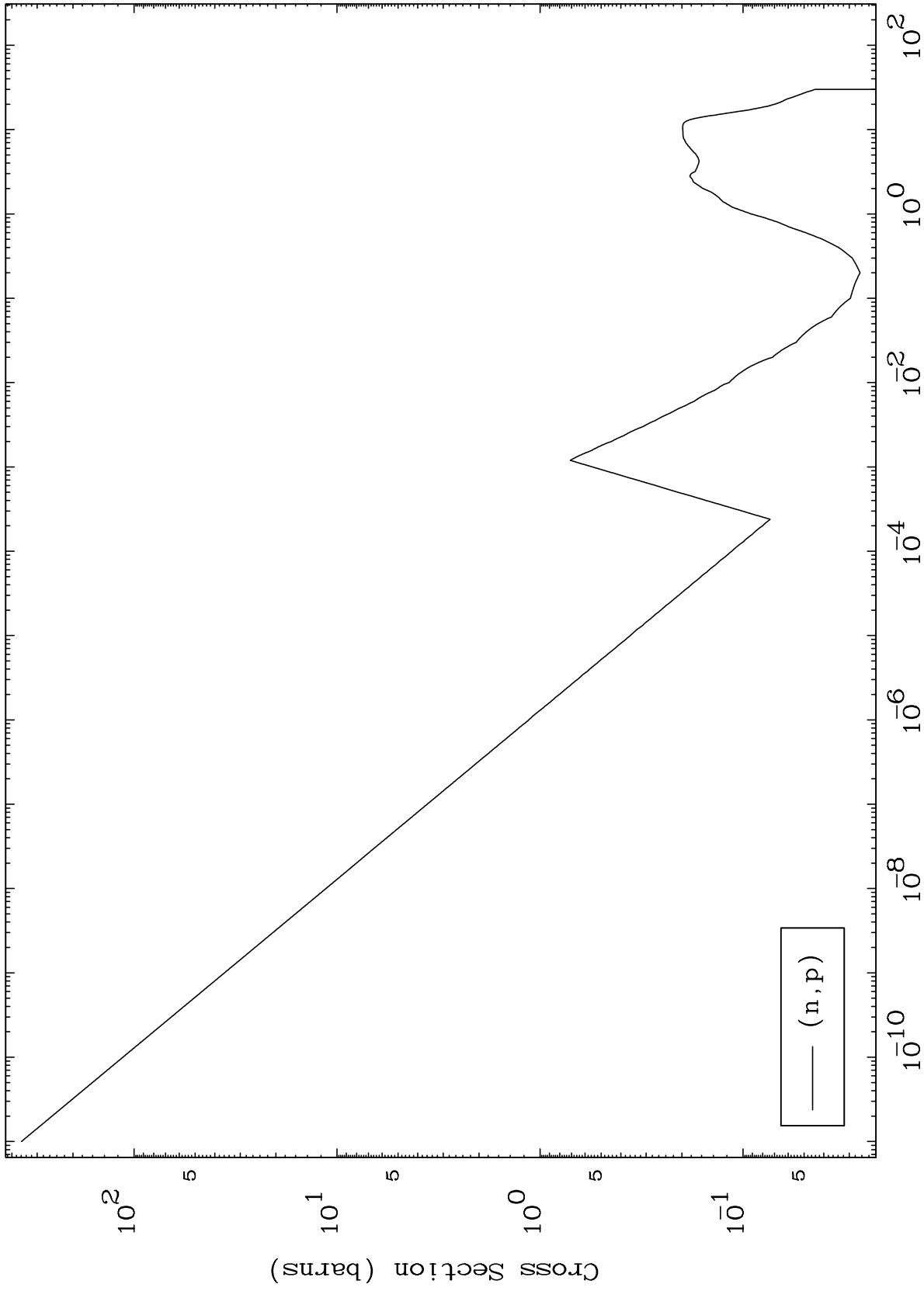
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,p) Levels  
293 Kelvin Cross Sections

24-Cr-51



9

Incident Energy (MeV)

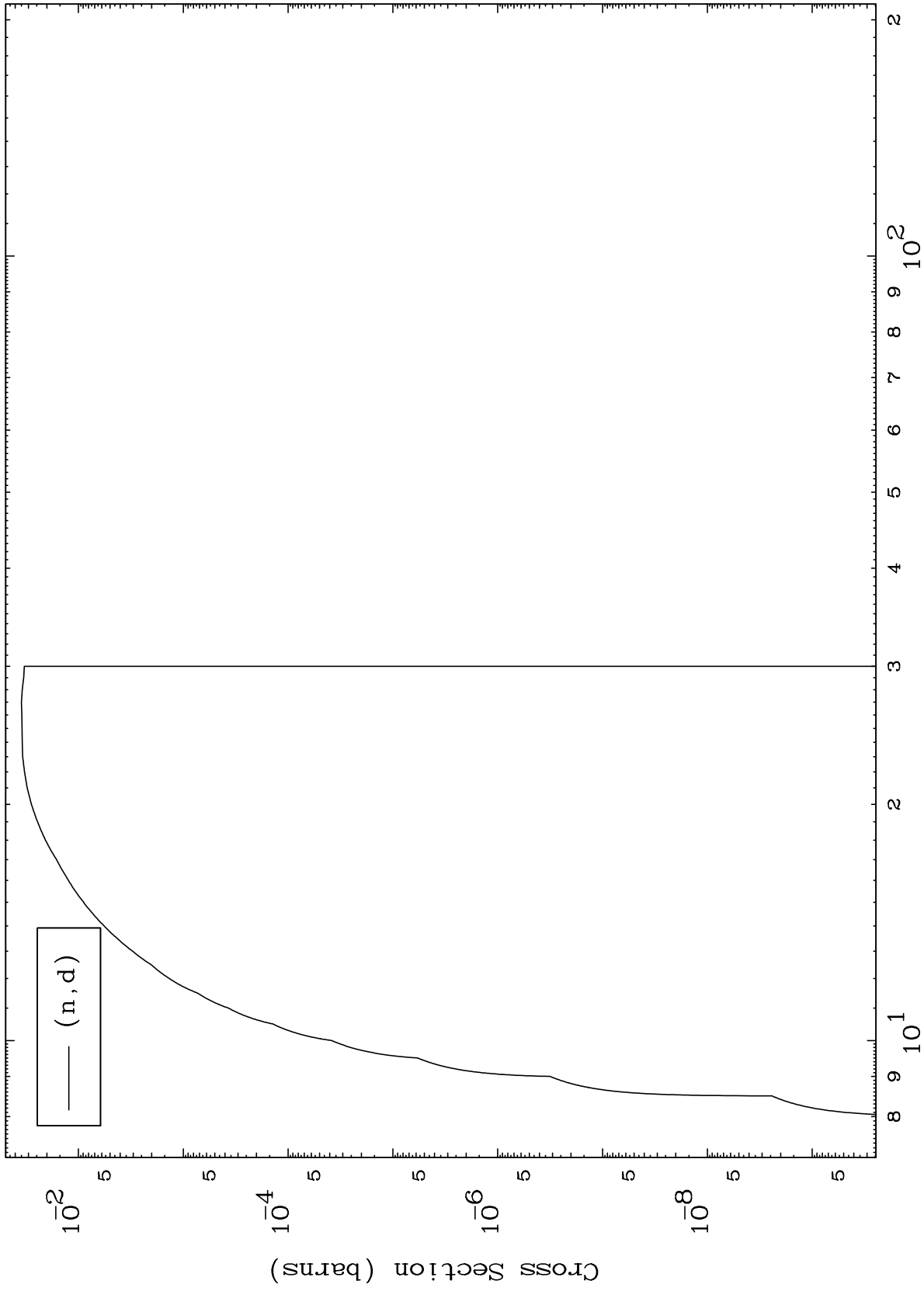
24-Cr-51

— (n, p)

MAT 2428

(n,d) Levels  
293 Kelvin Cross Sections

24-Cr-51



10

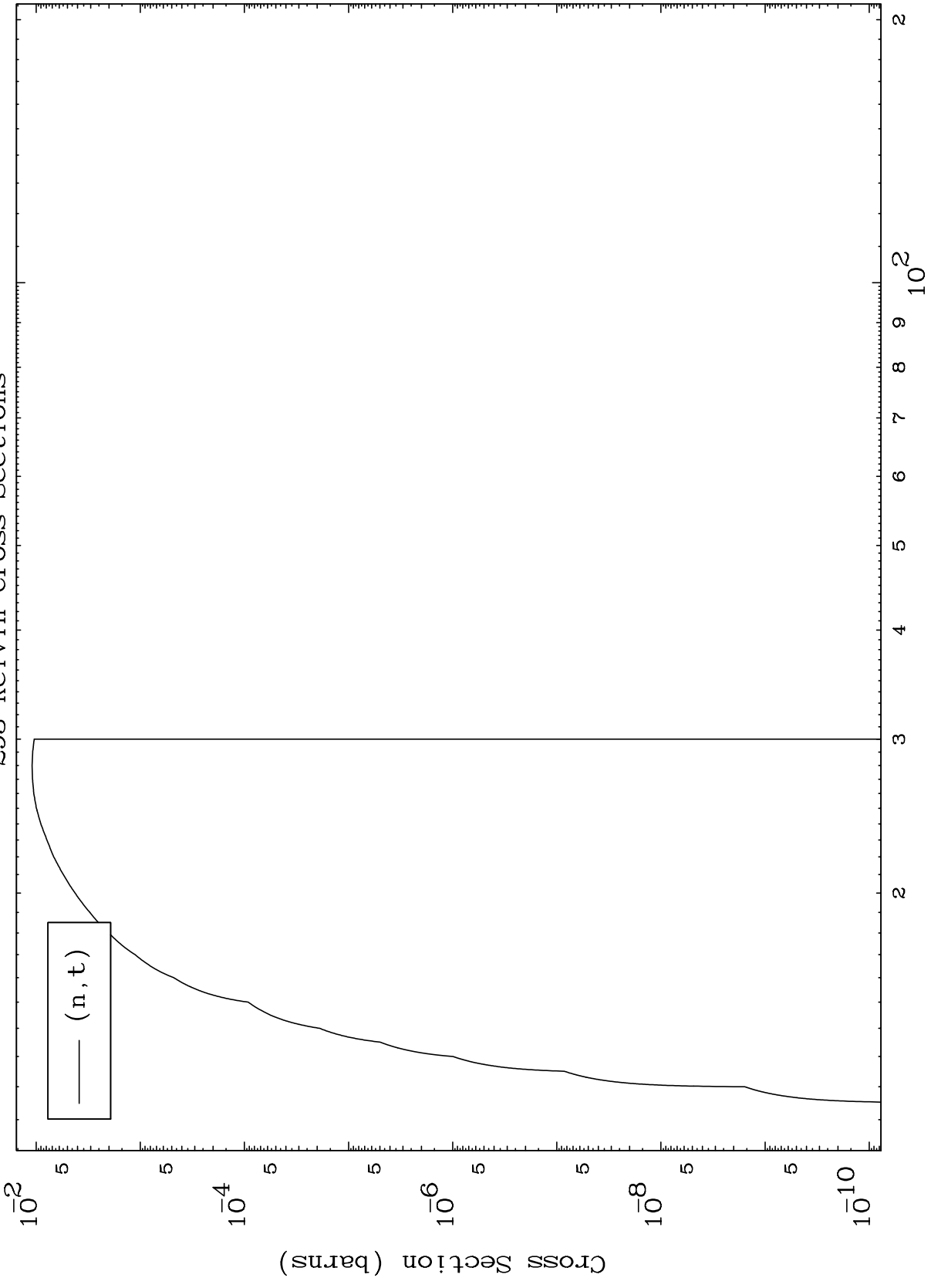
Incident Energy (MeV)

24-Cr-51

MAT 2428

24-Cr-51

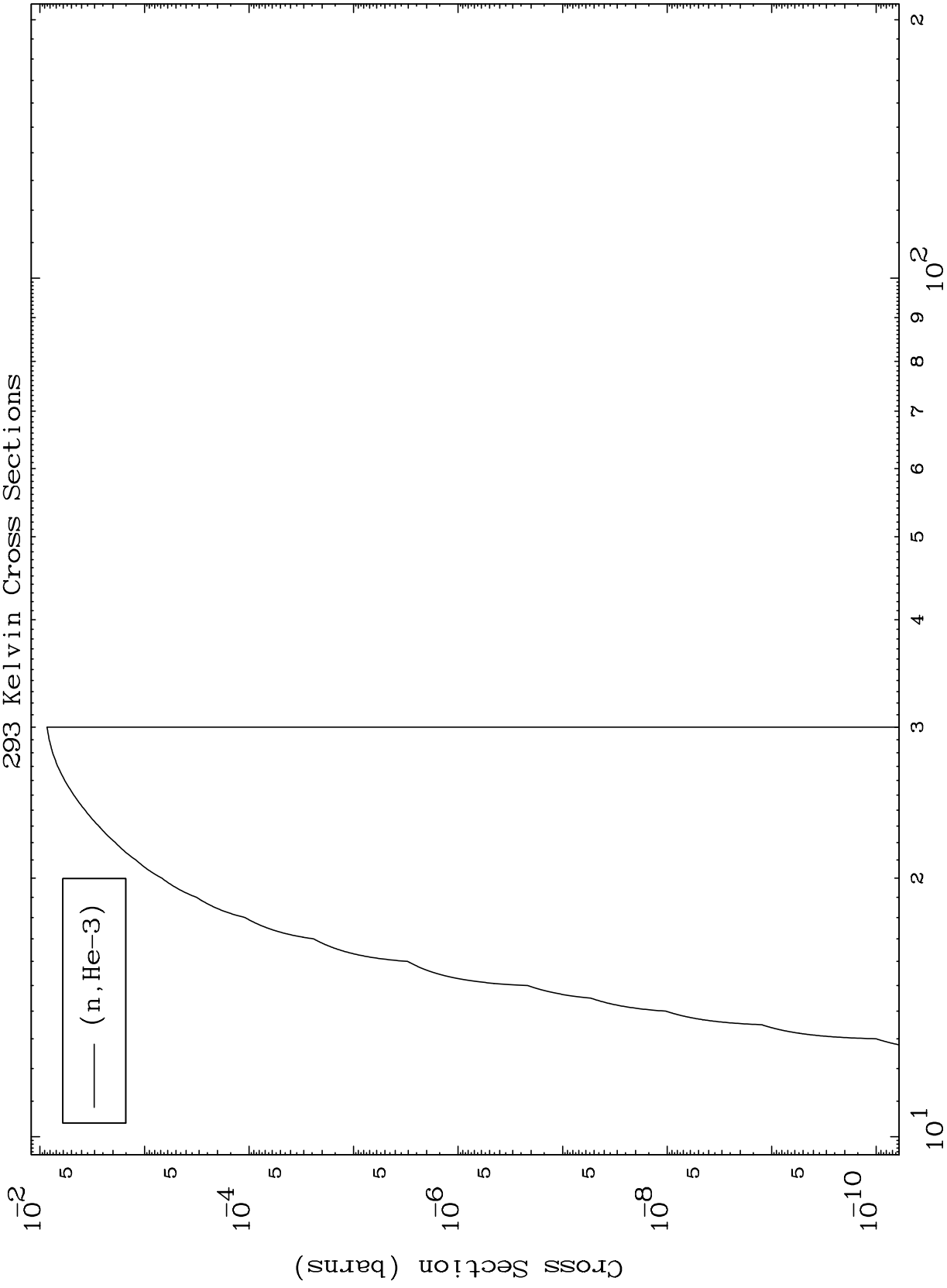
(n,t) Levels  
293 Kelvin Cross Sections



MAT 2428

(n,He3) Levels  
293 Kelvin Cross Sections

24-Cr-51



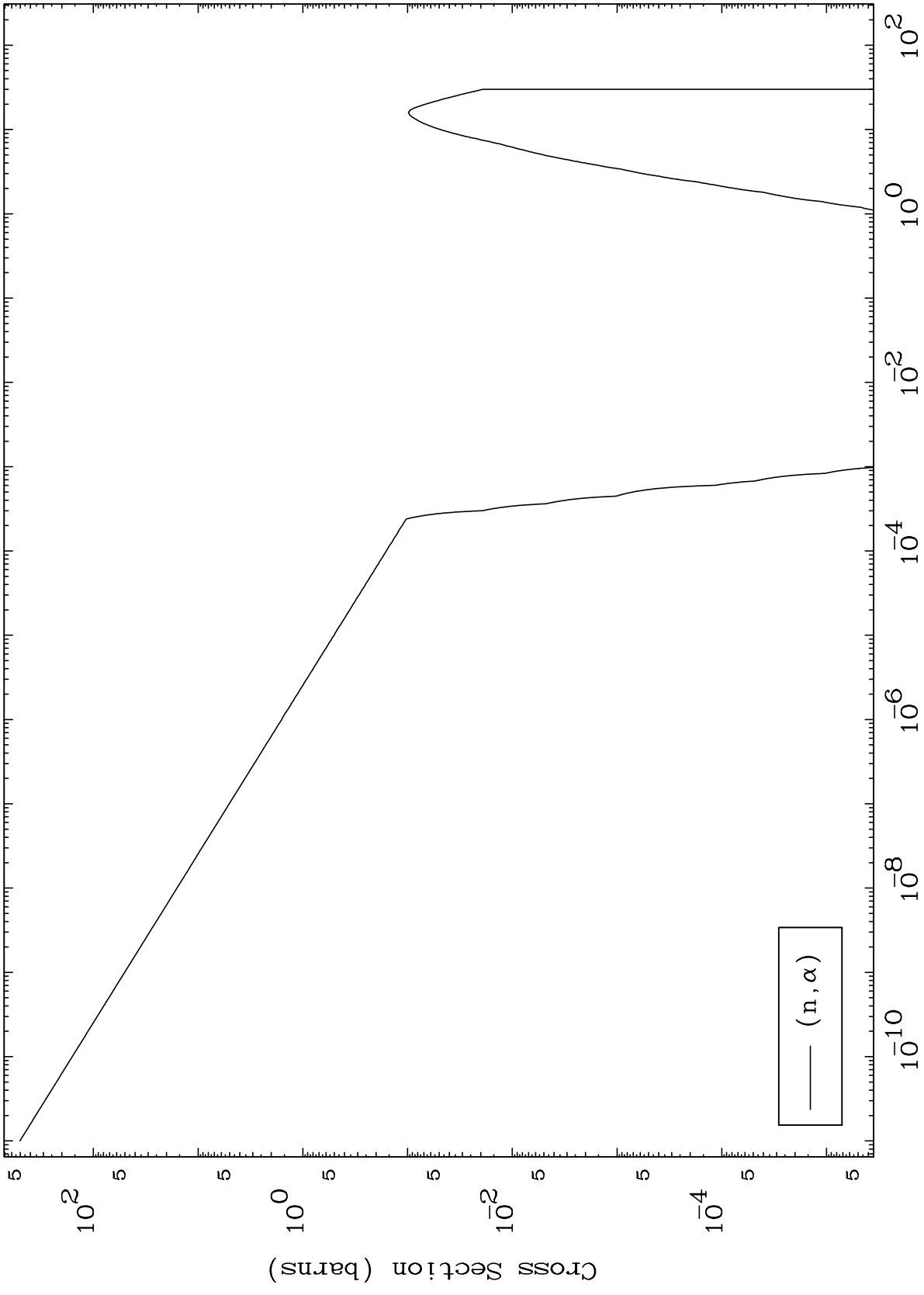
24-Cr-51

Incident Energy (MeV)

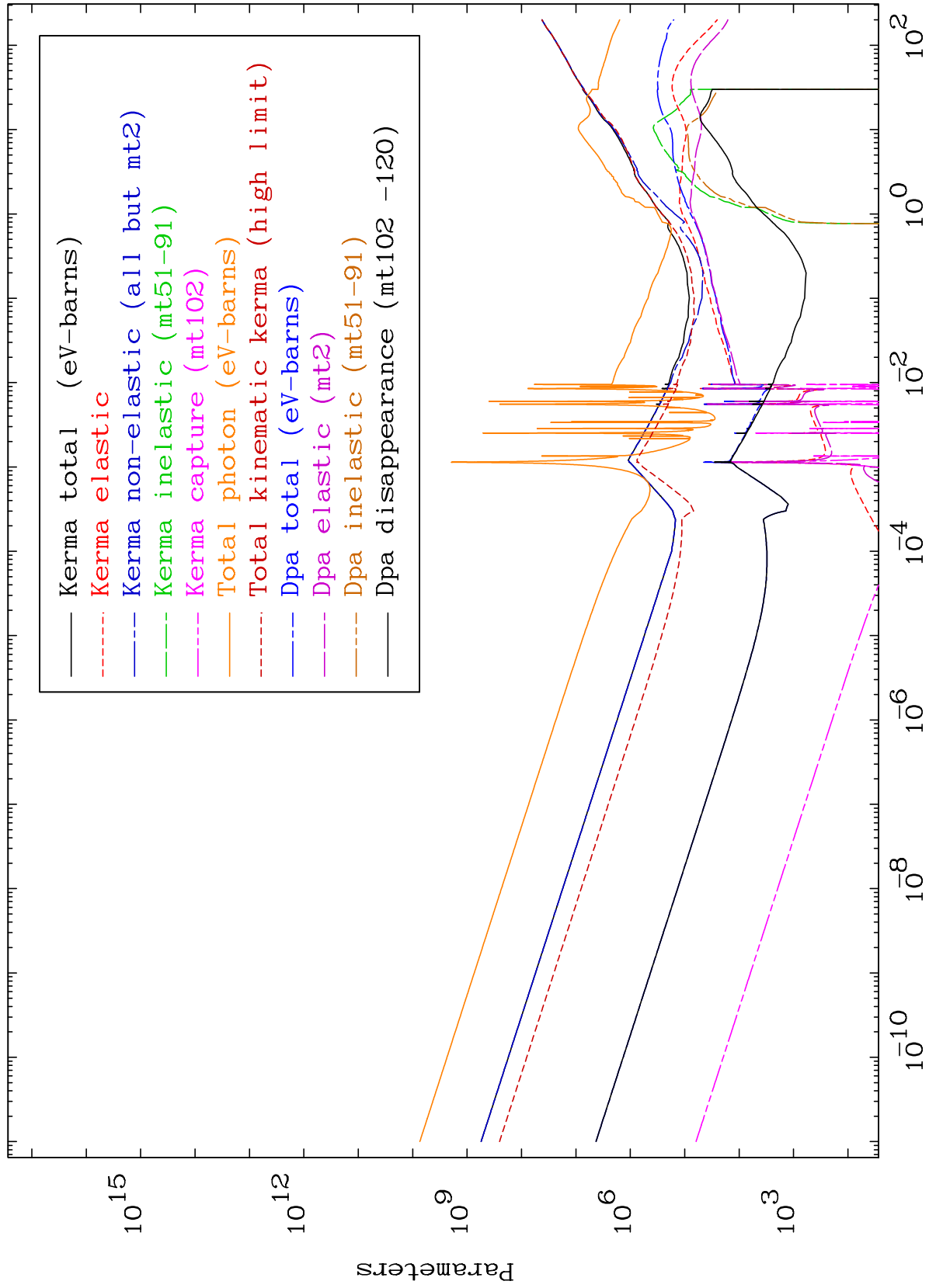
MAT 2428

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

24-Cr-51



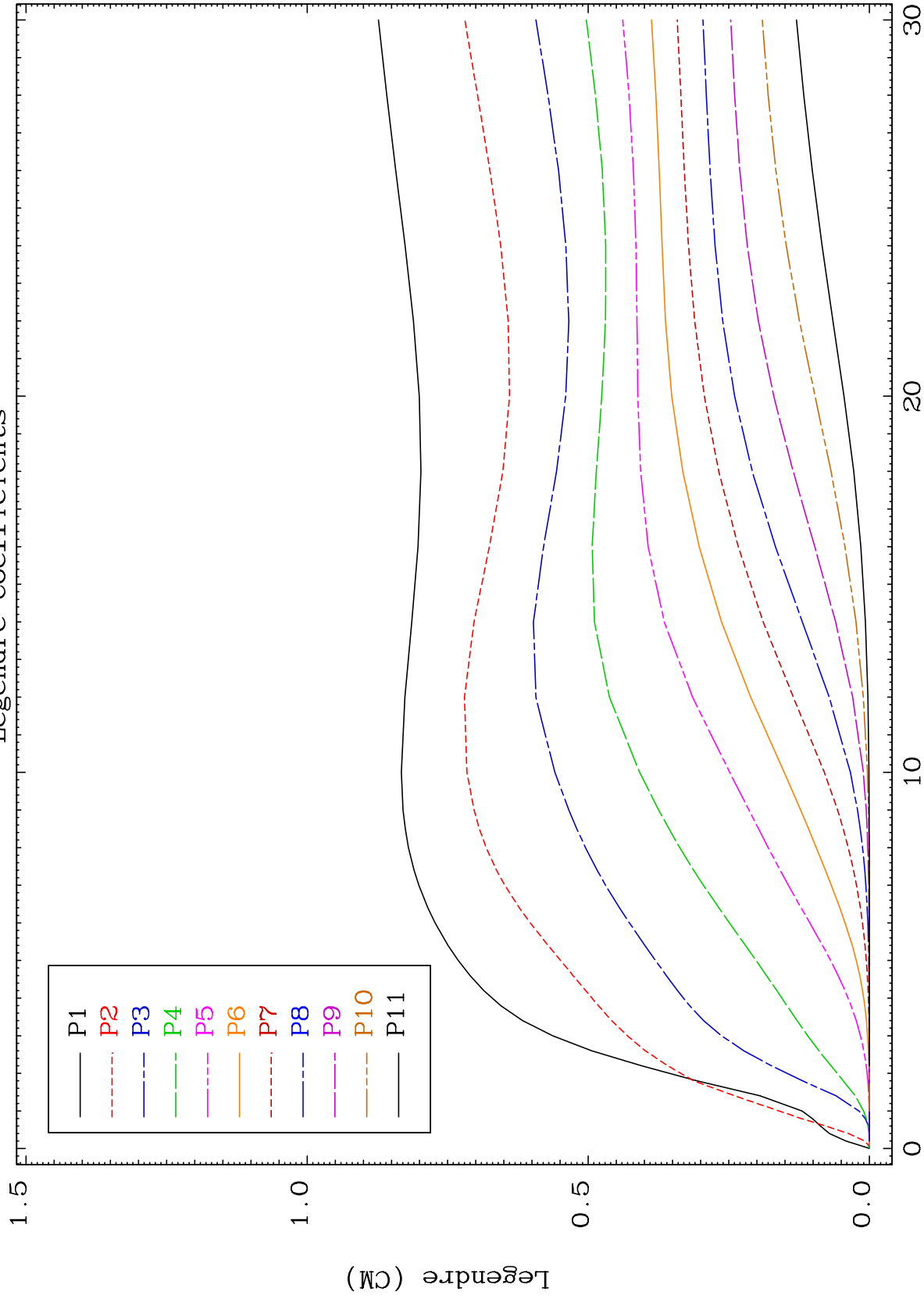
(n,  $\alpha$ )



MAT 2428

Elastic Legendre Coefficients

24-Cr-51



15

Incident Energy (MeV)

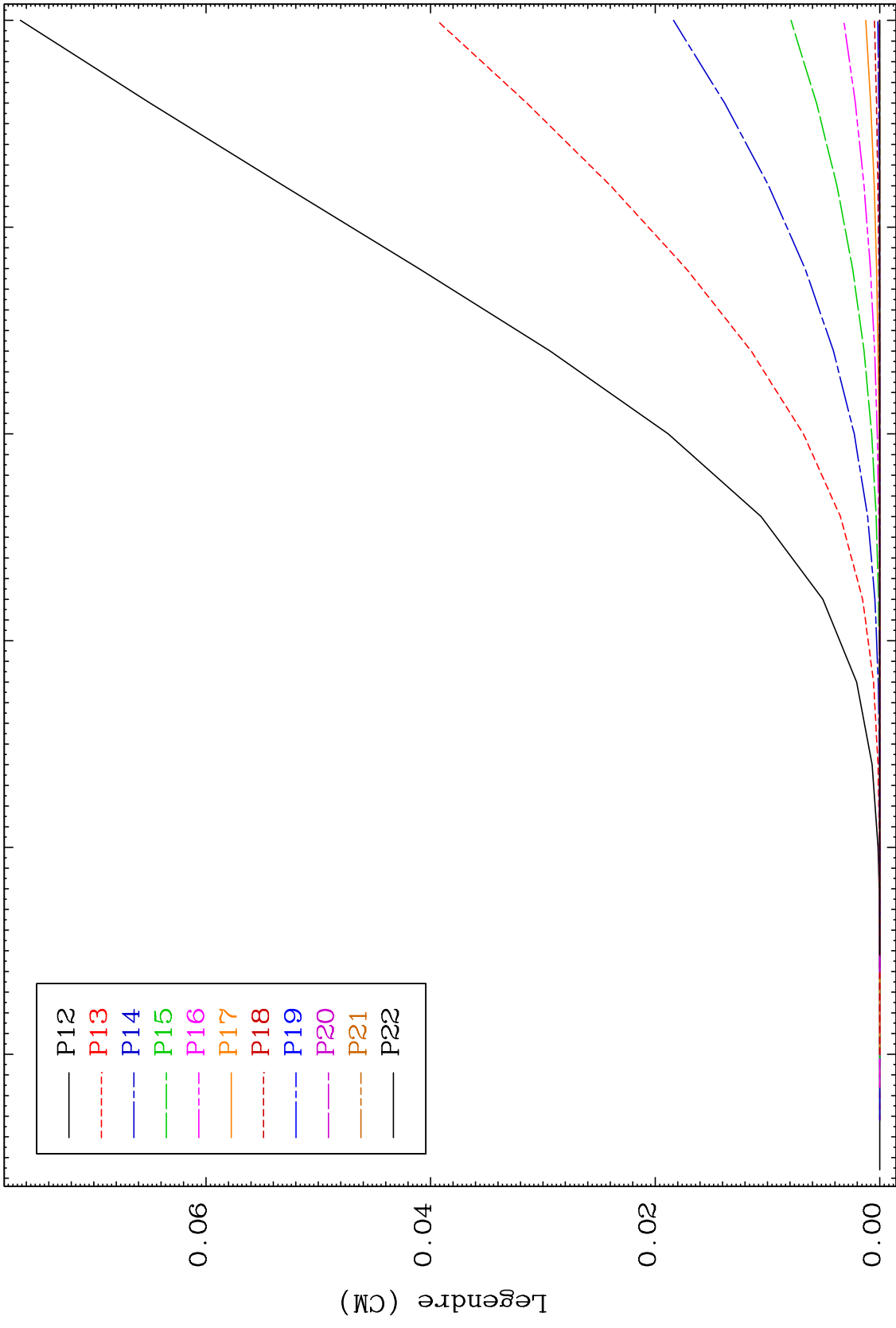
24-Cr-51



MAT 2428

Elastic Legendre Coefficients

<sup>24</sup>Cr-51



16

Incident Energy (MeV)

<sup>24</sup>Cr-51

MAT 2428

Elastic Legendre Coefficients

24-Cr-51



10

15

20

25

30

Incident Energy (MeV)

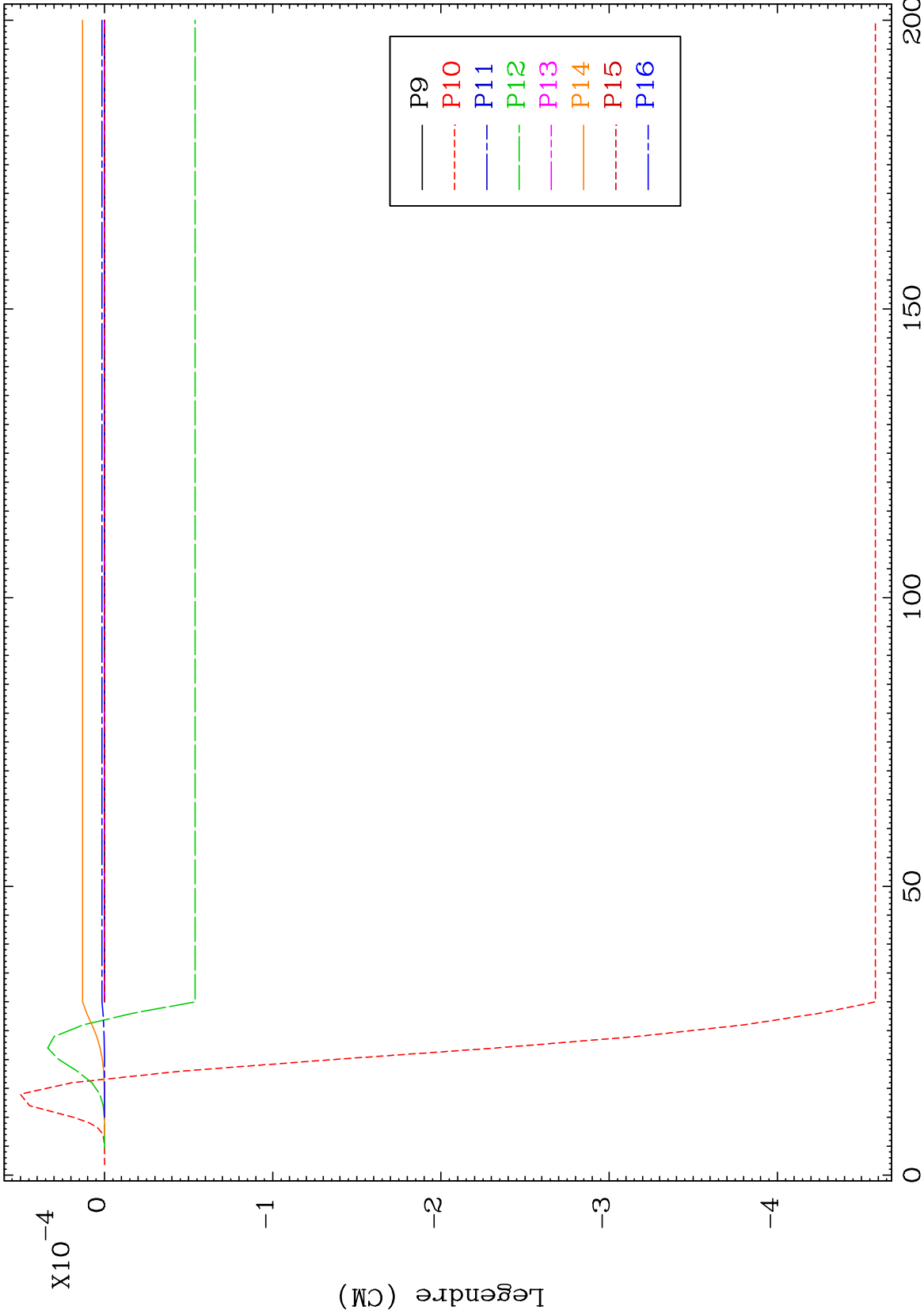
24-Cr-51



MAT 2428

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

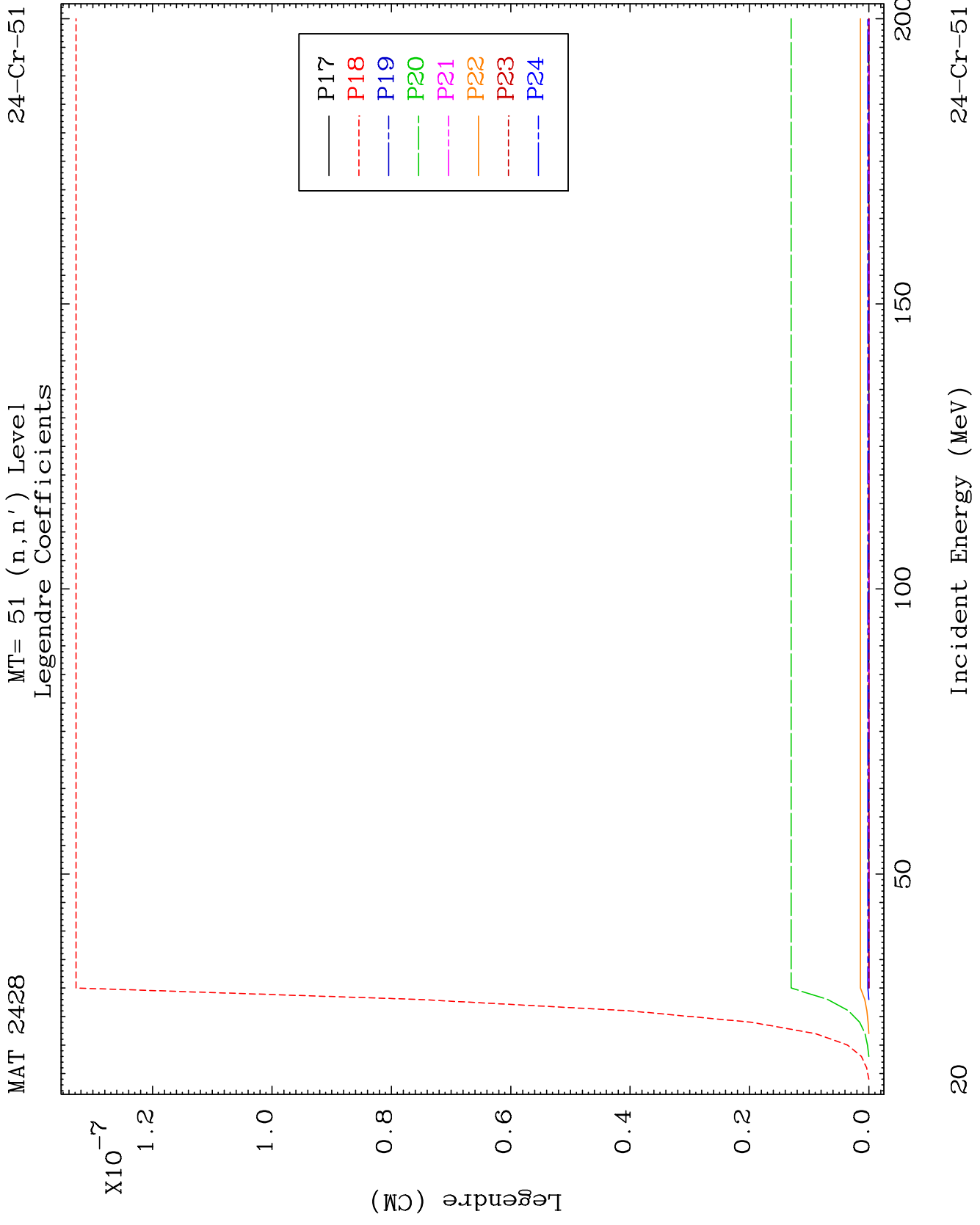
24-Cr-51



19

Incident Energy (MeV)

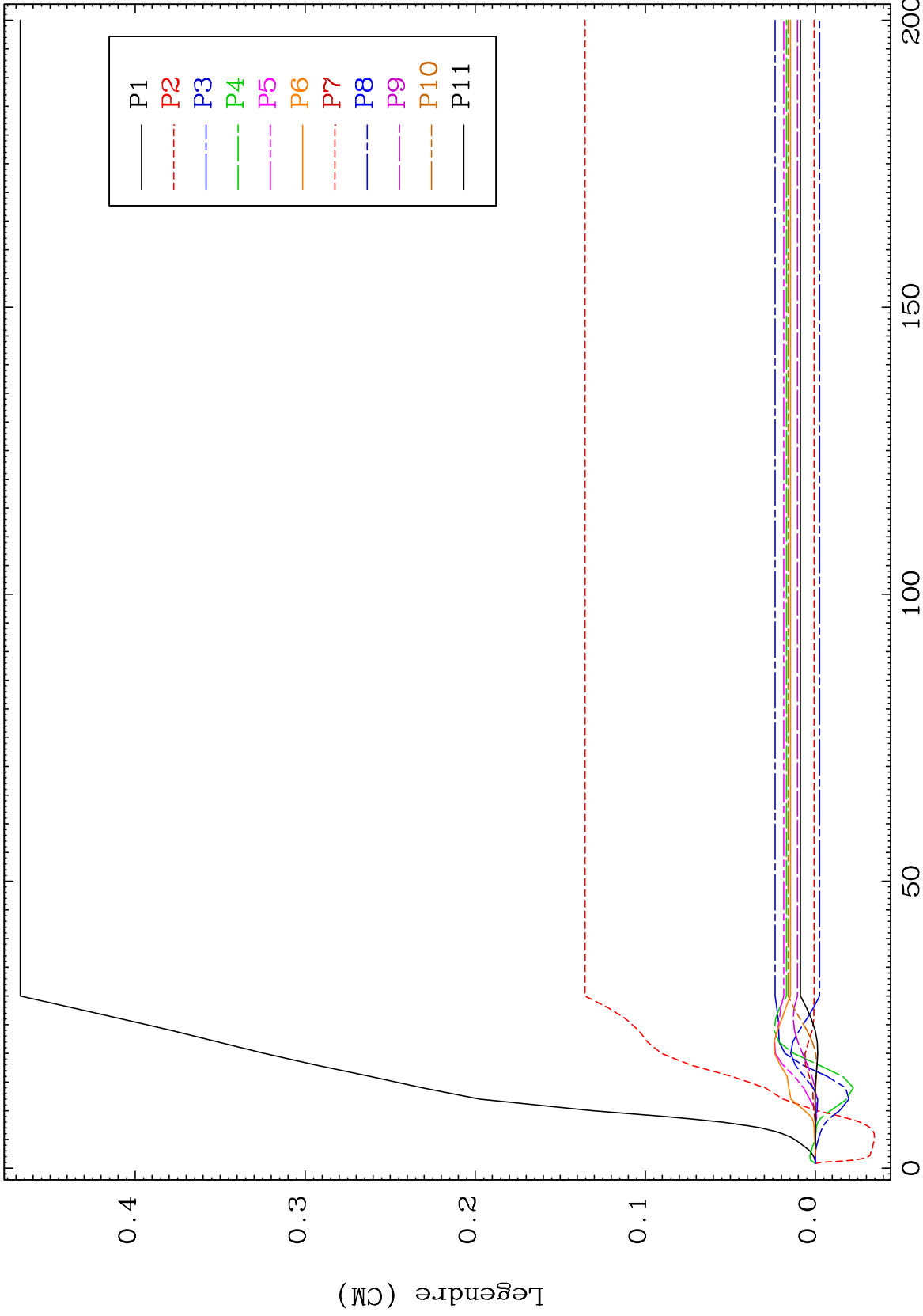
24-Cr-51



MAT 2428

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

24-Cr-51



21

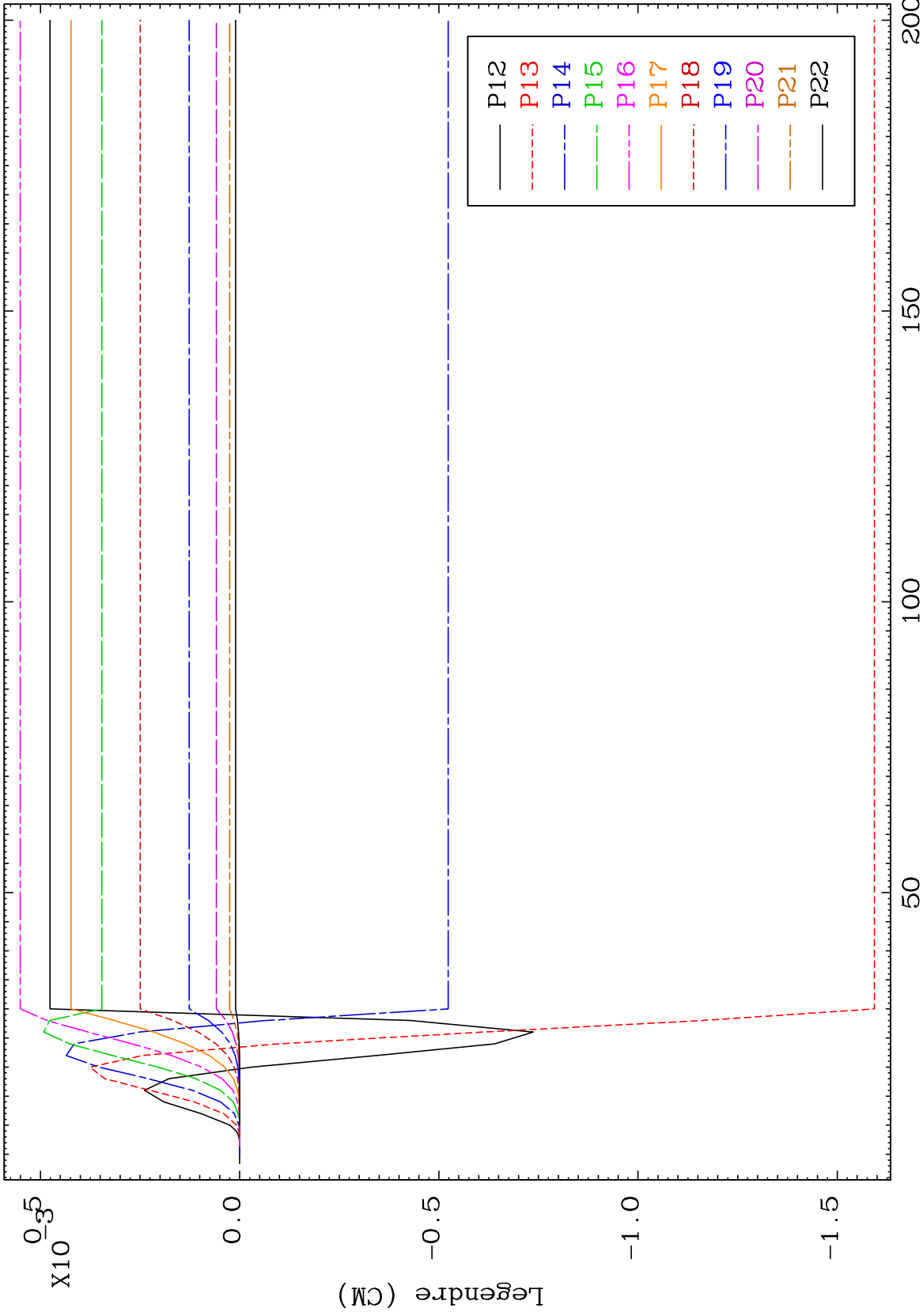
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



22

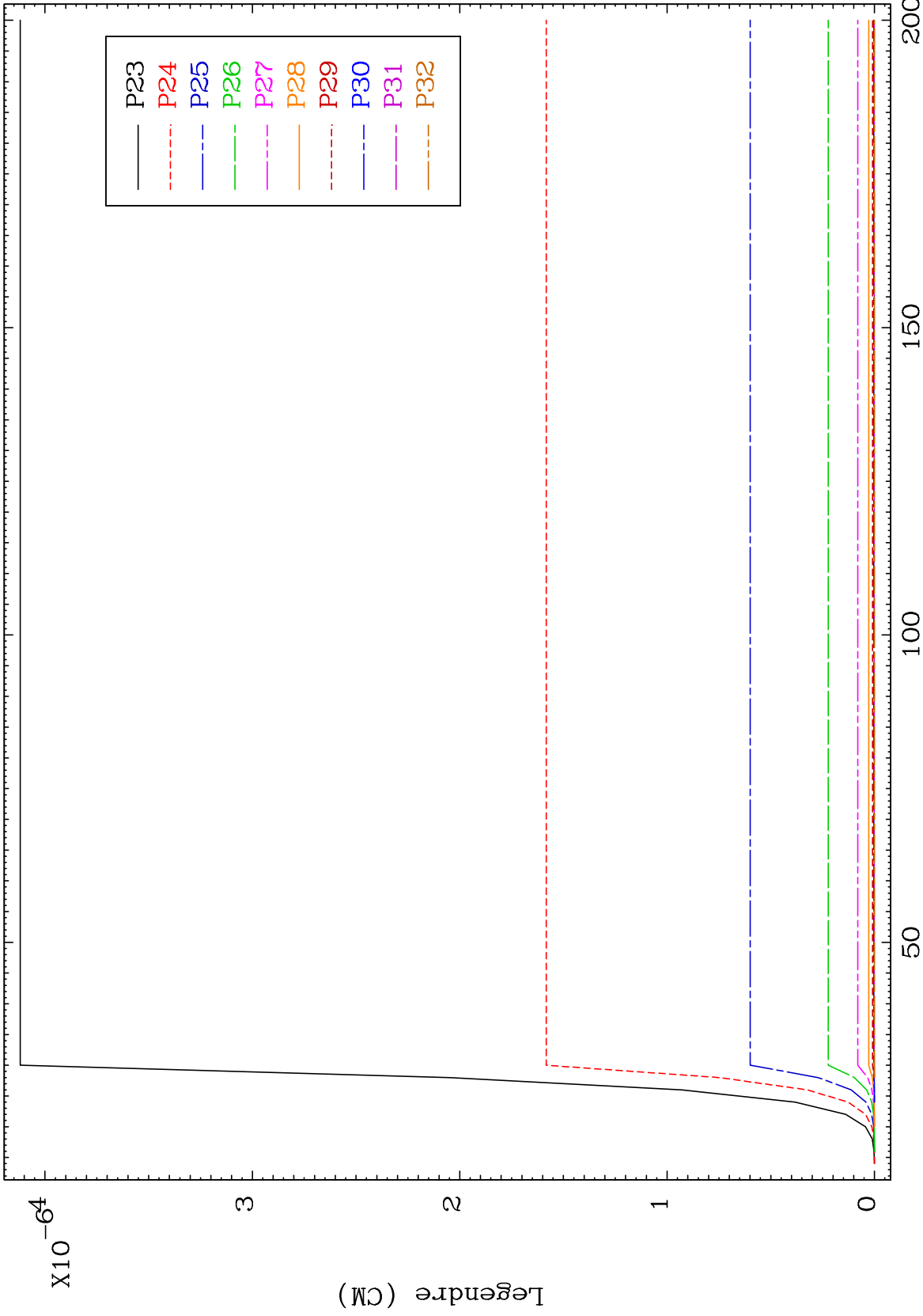
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



23

Incident Energy (MeV)

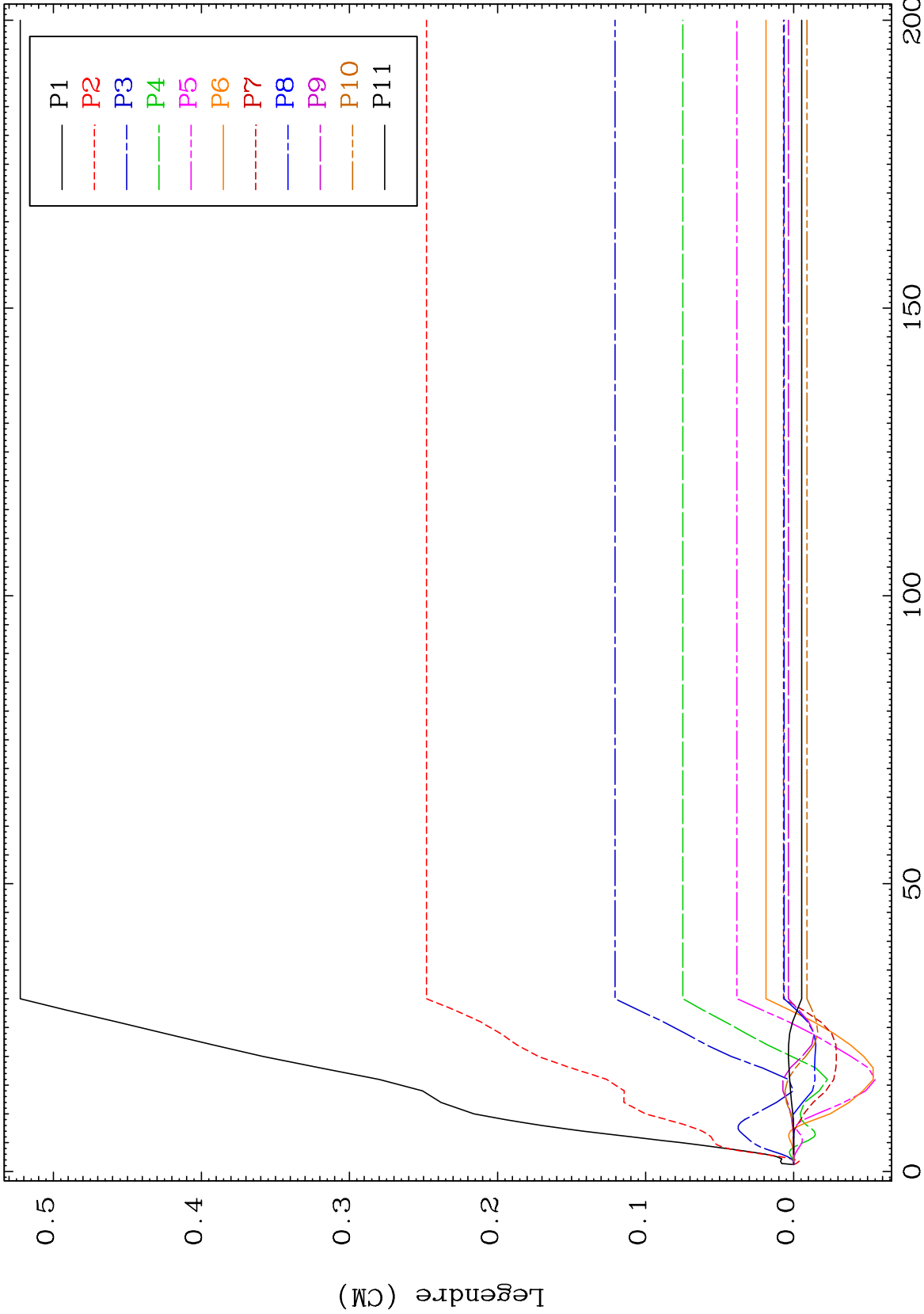
24-Cr-51



MAT 2428

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

24-Cr-51



24

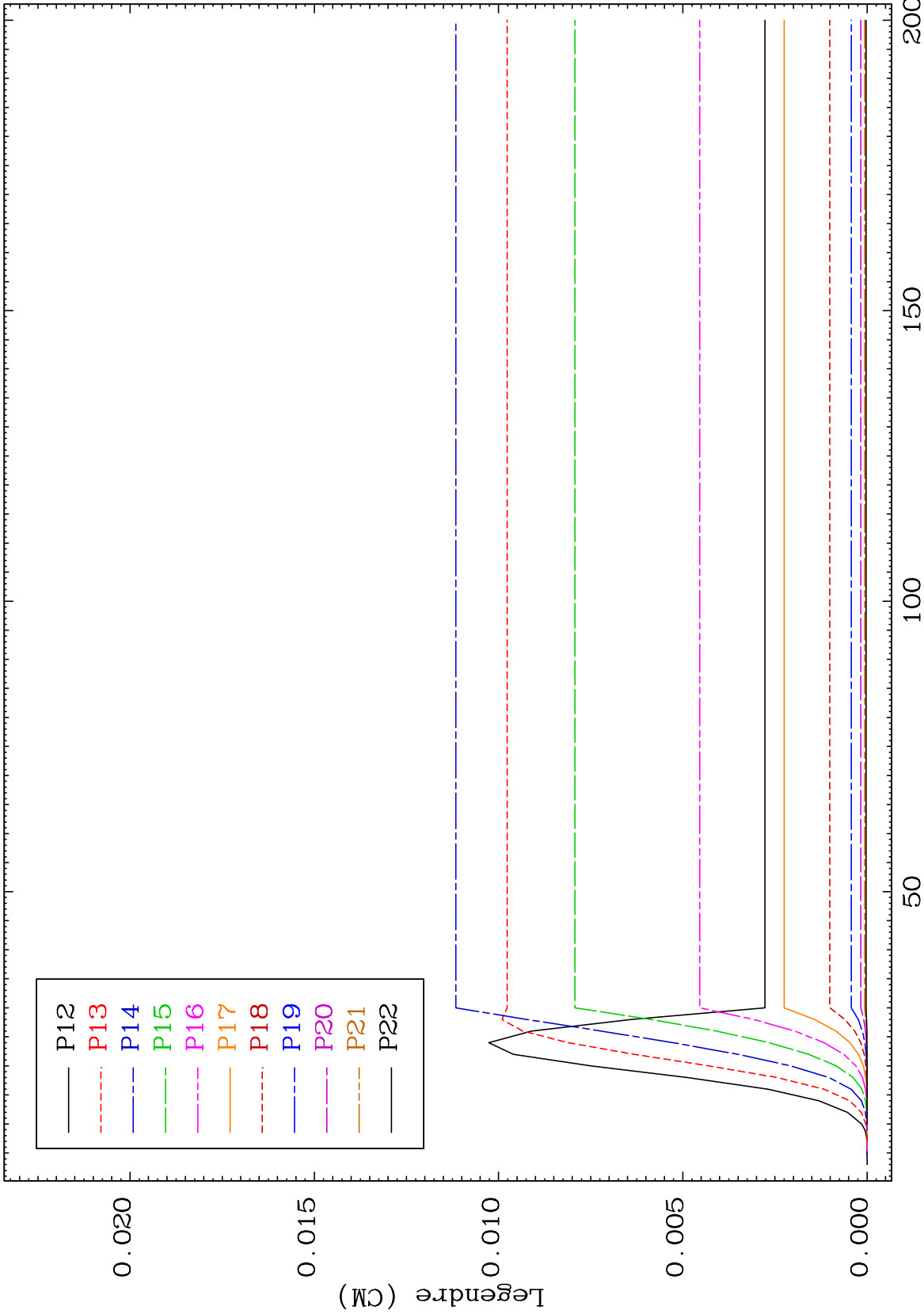
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



25

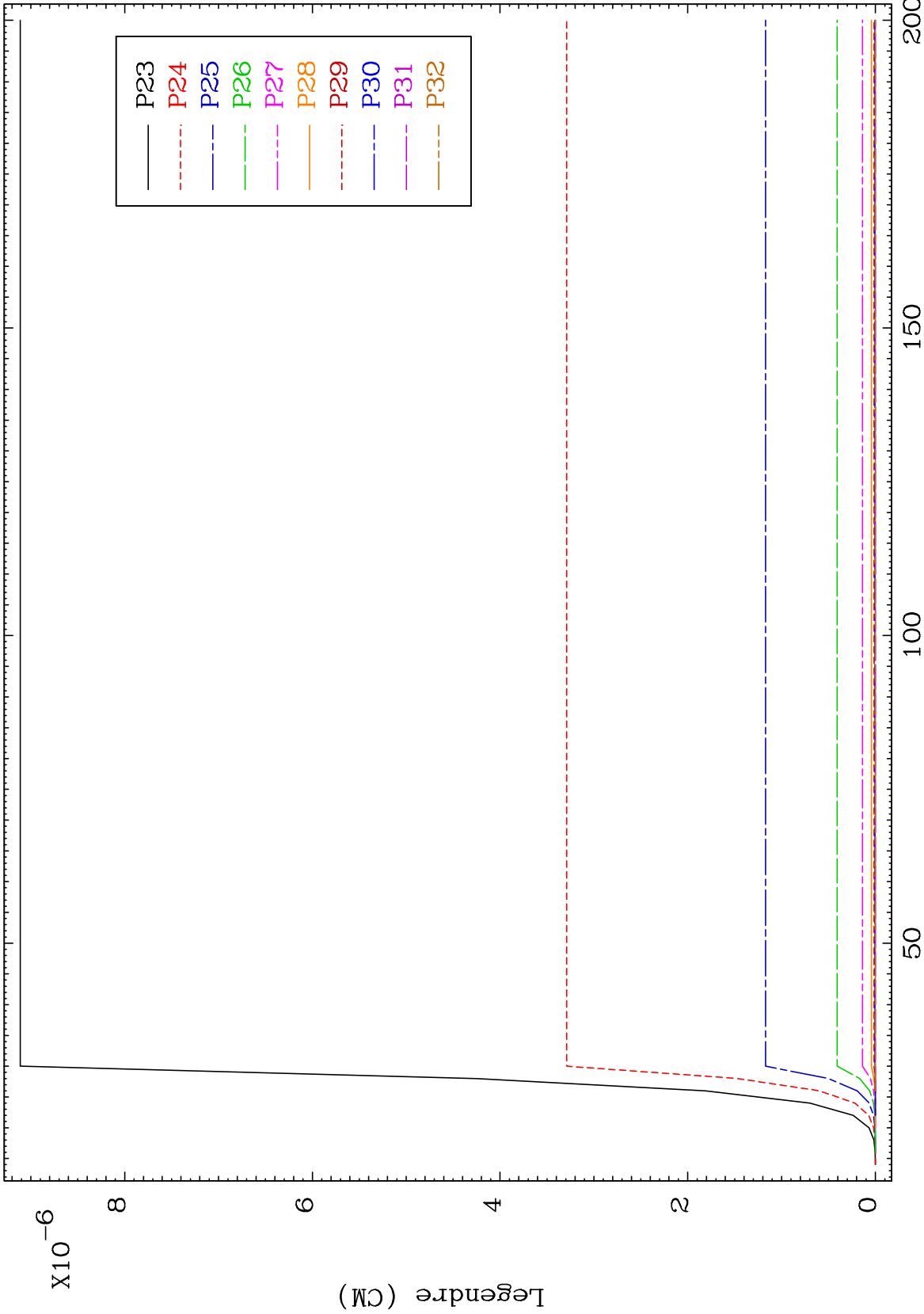
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



26

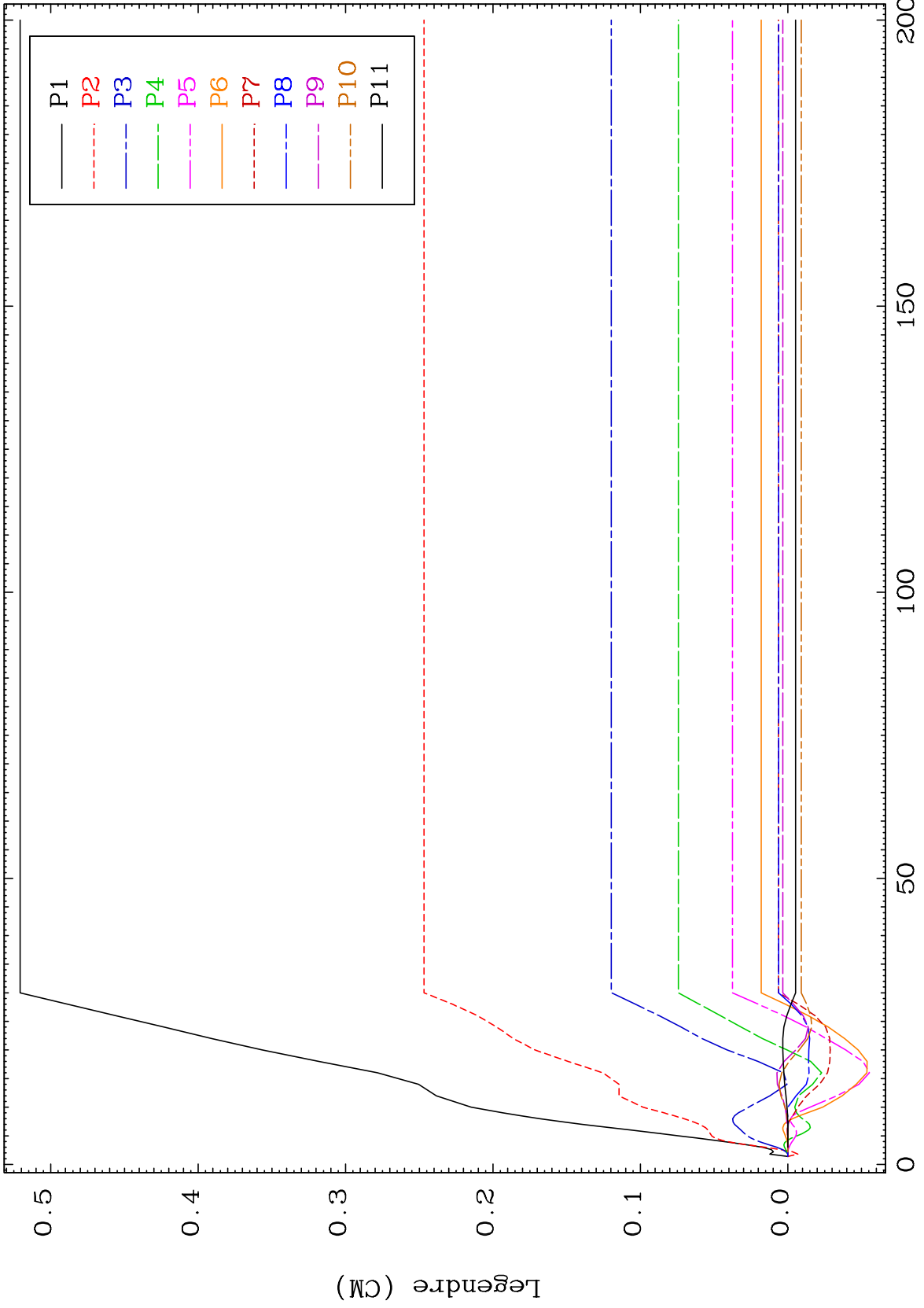
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



27

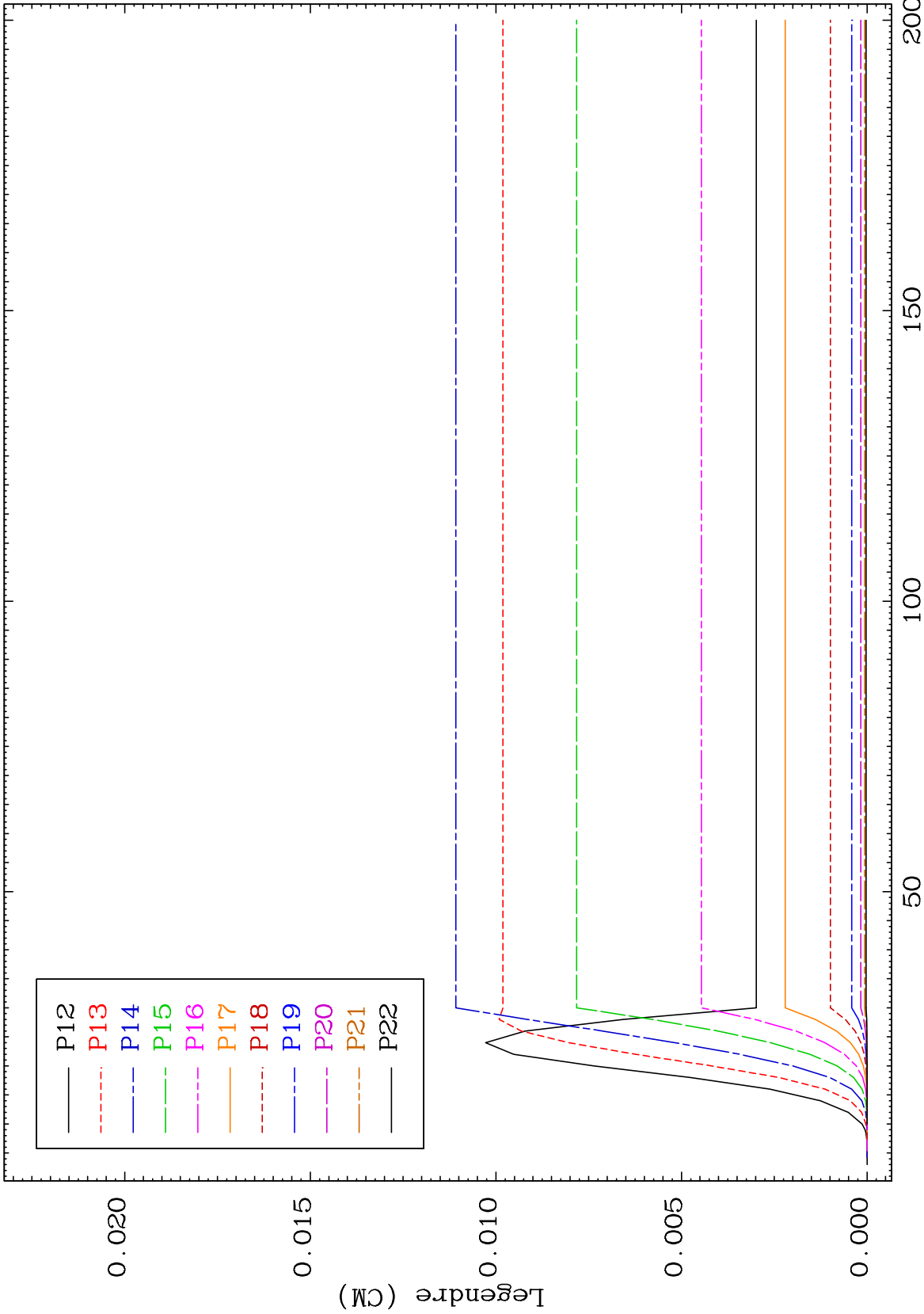
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



28

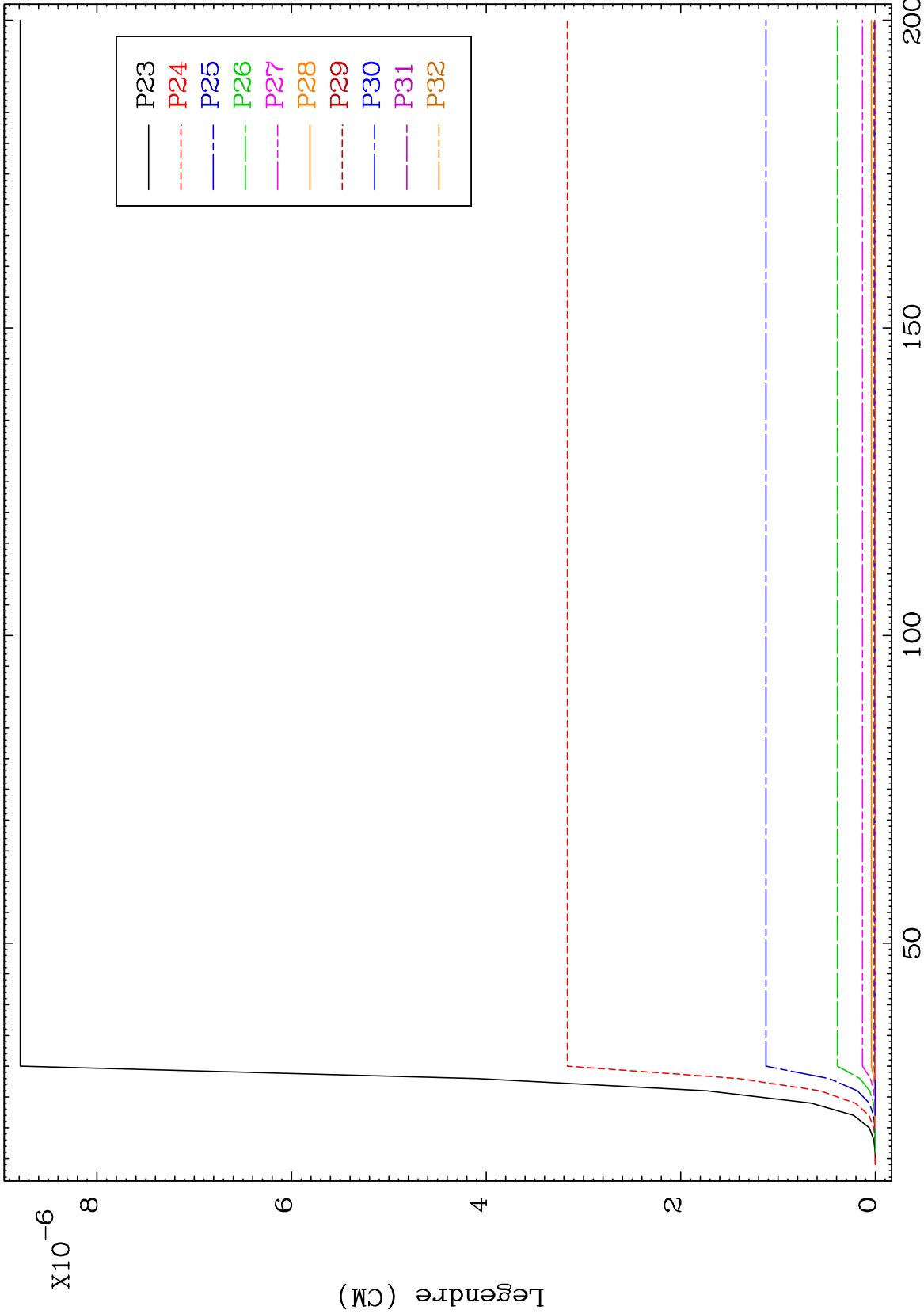
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



29

Incident Energy (MeV)

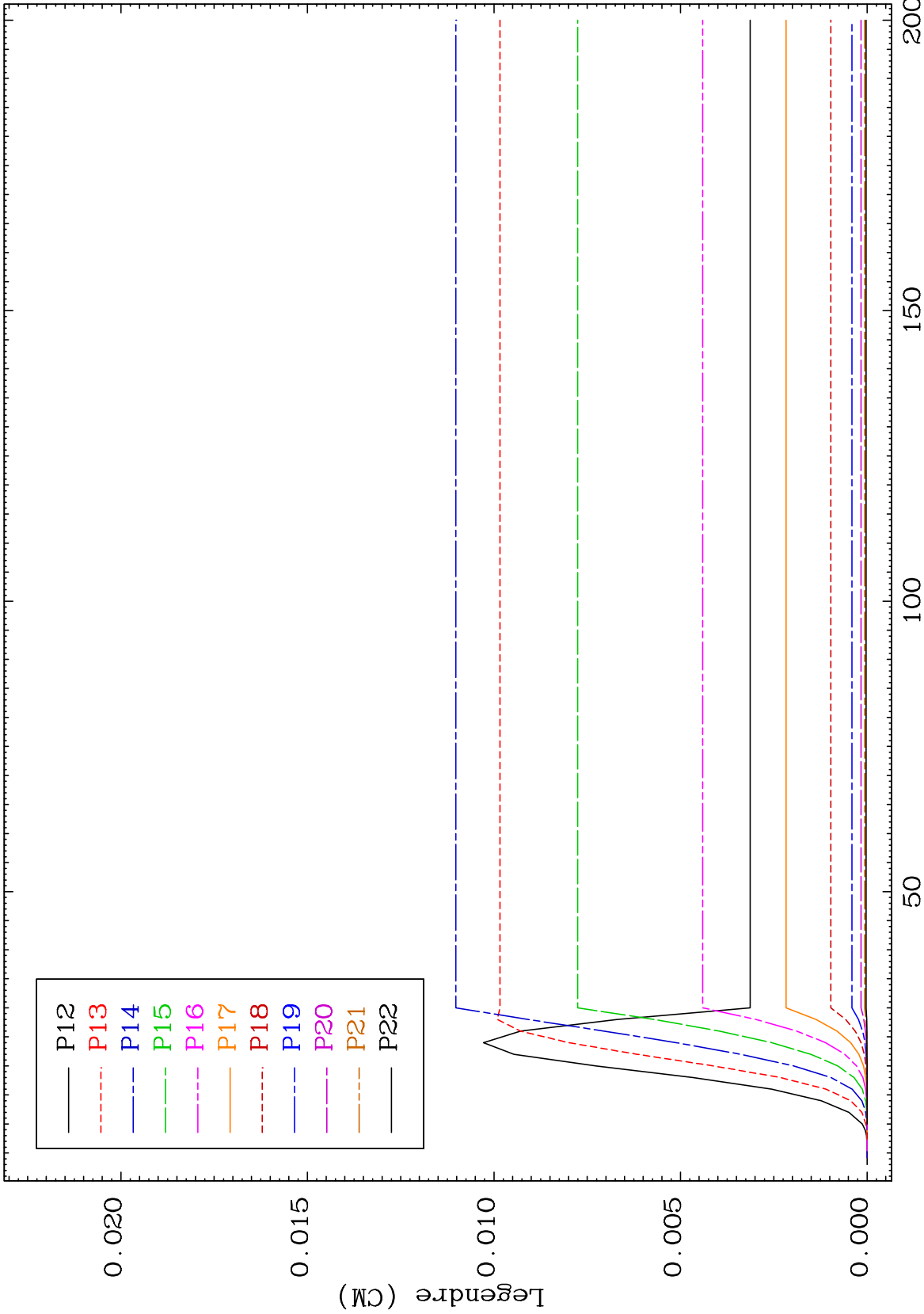
24-Cr-51



MAT 2428

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

24-Cr-51



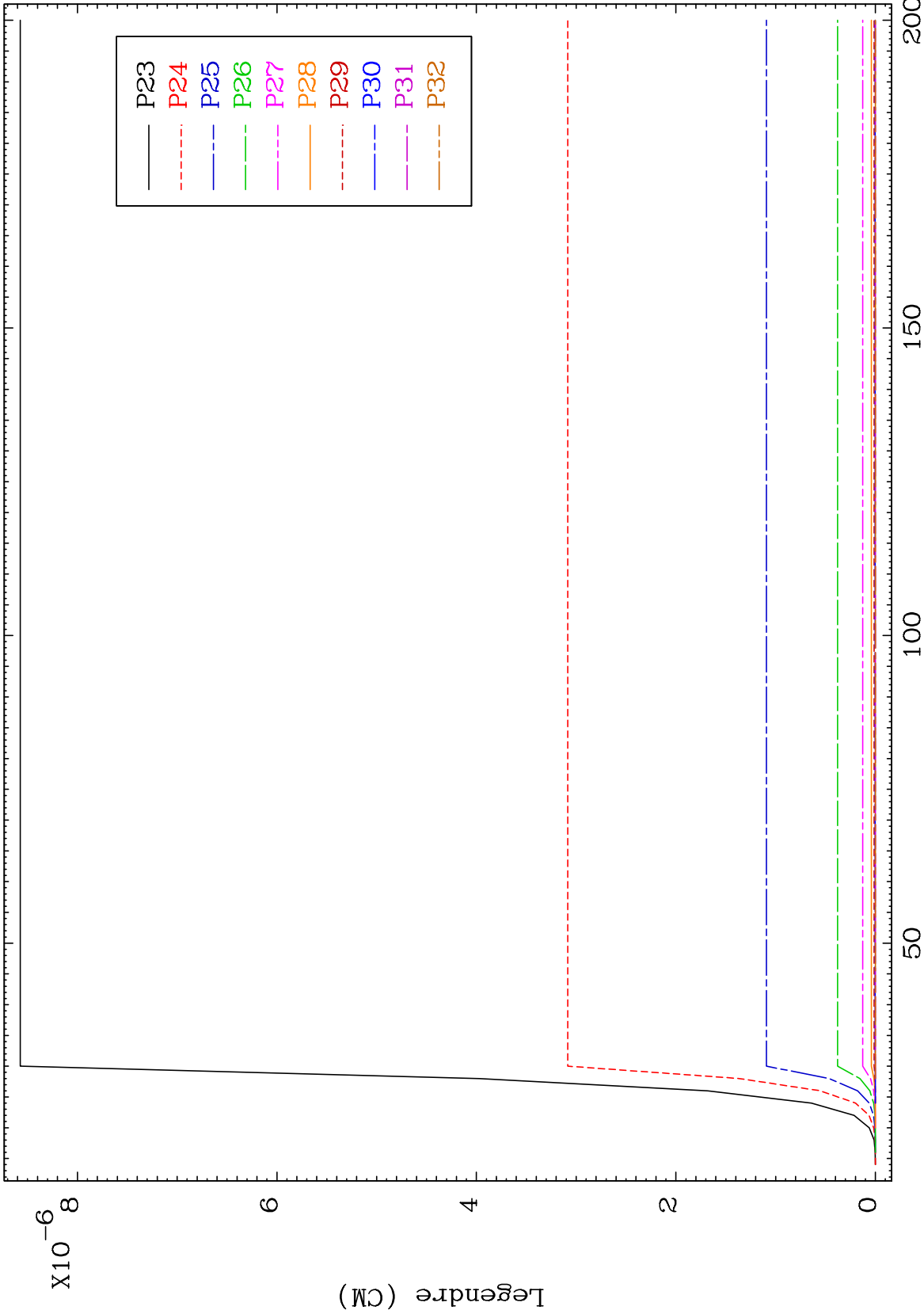
24-Cr-51



MAT 2428

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

24-Cr-51



32

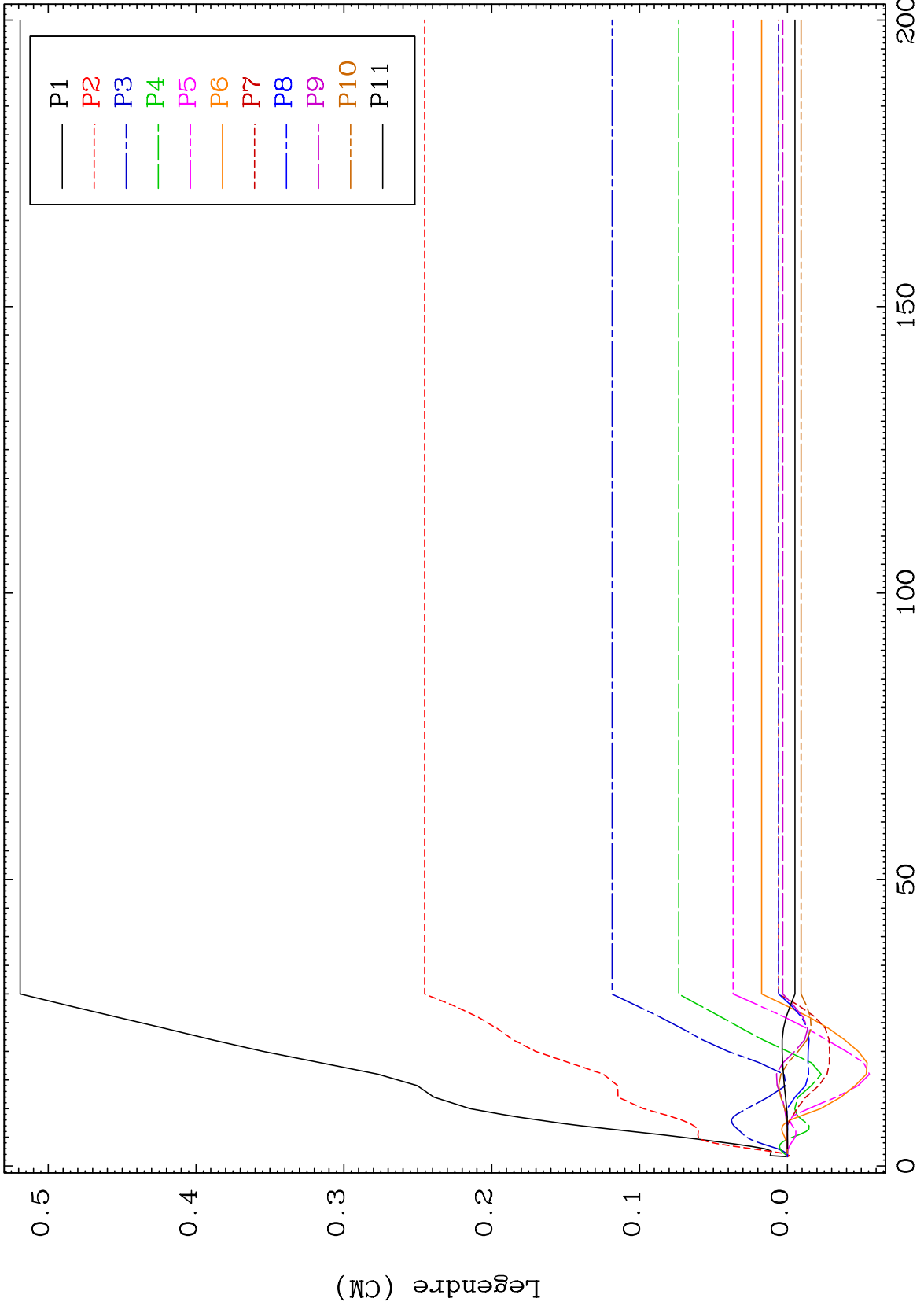
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



33

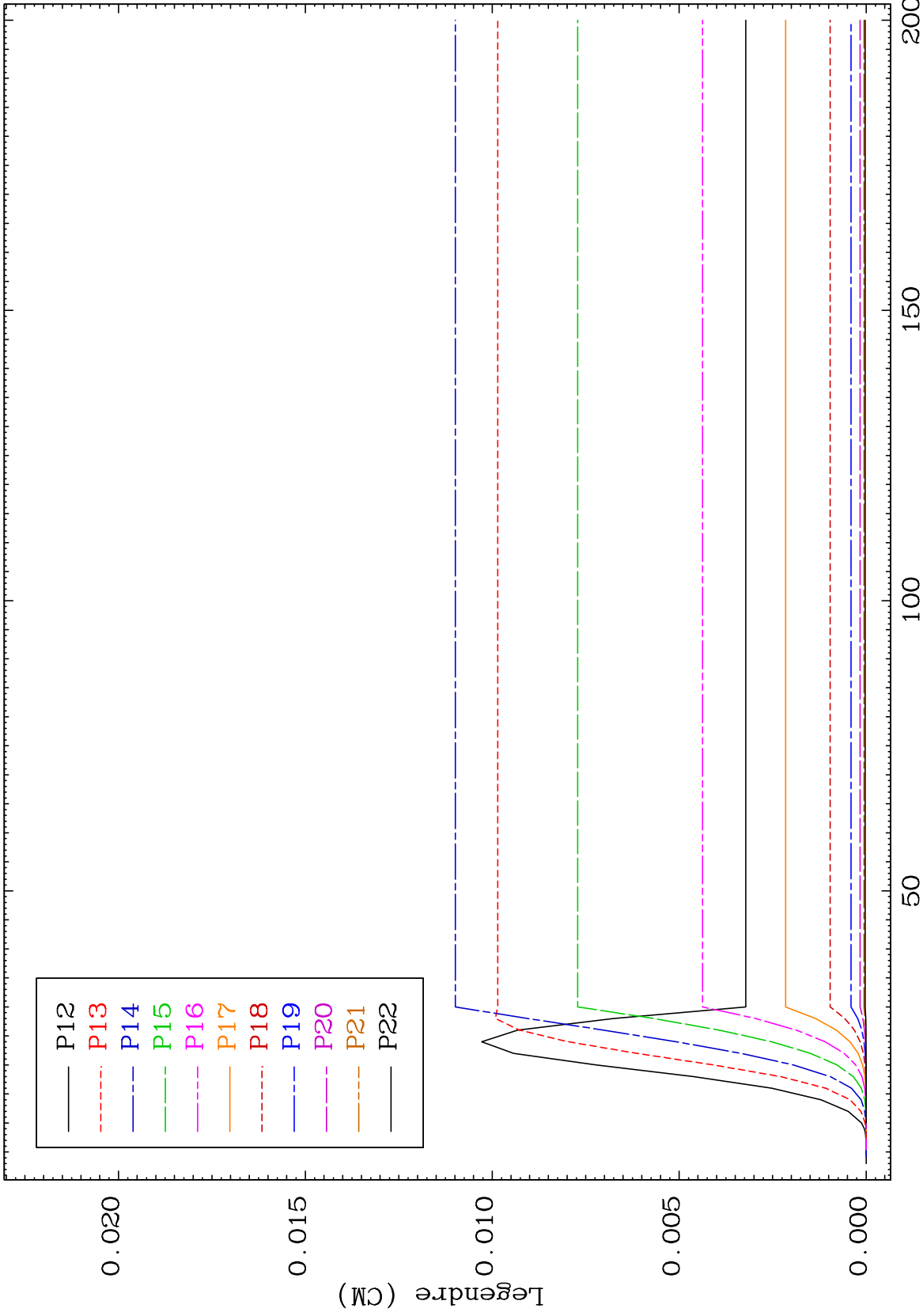
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



34

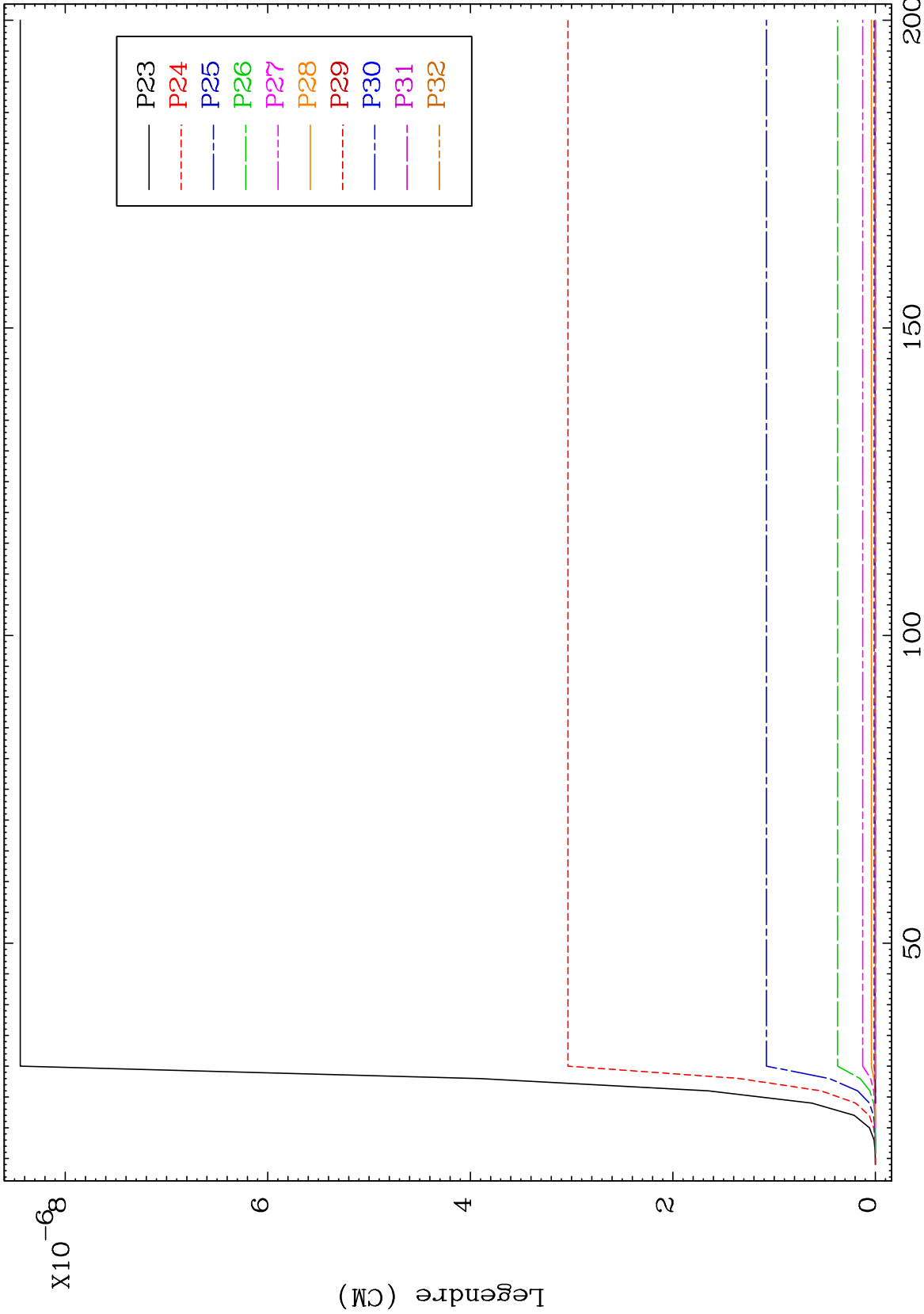
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



35

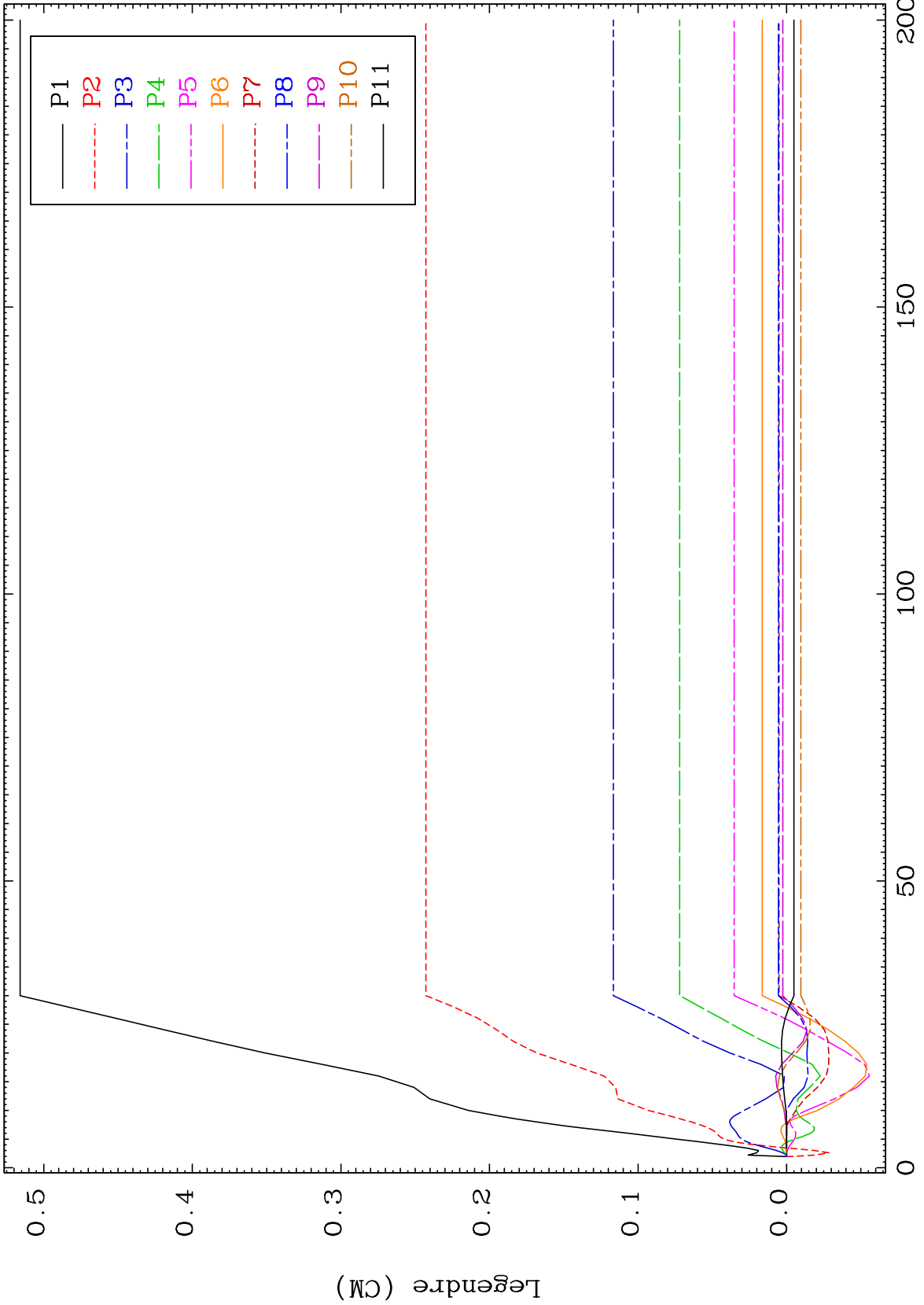
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



36

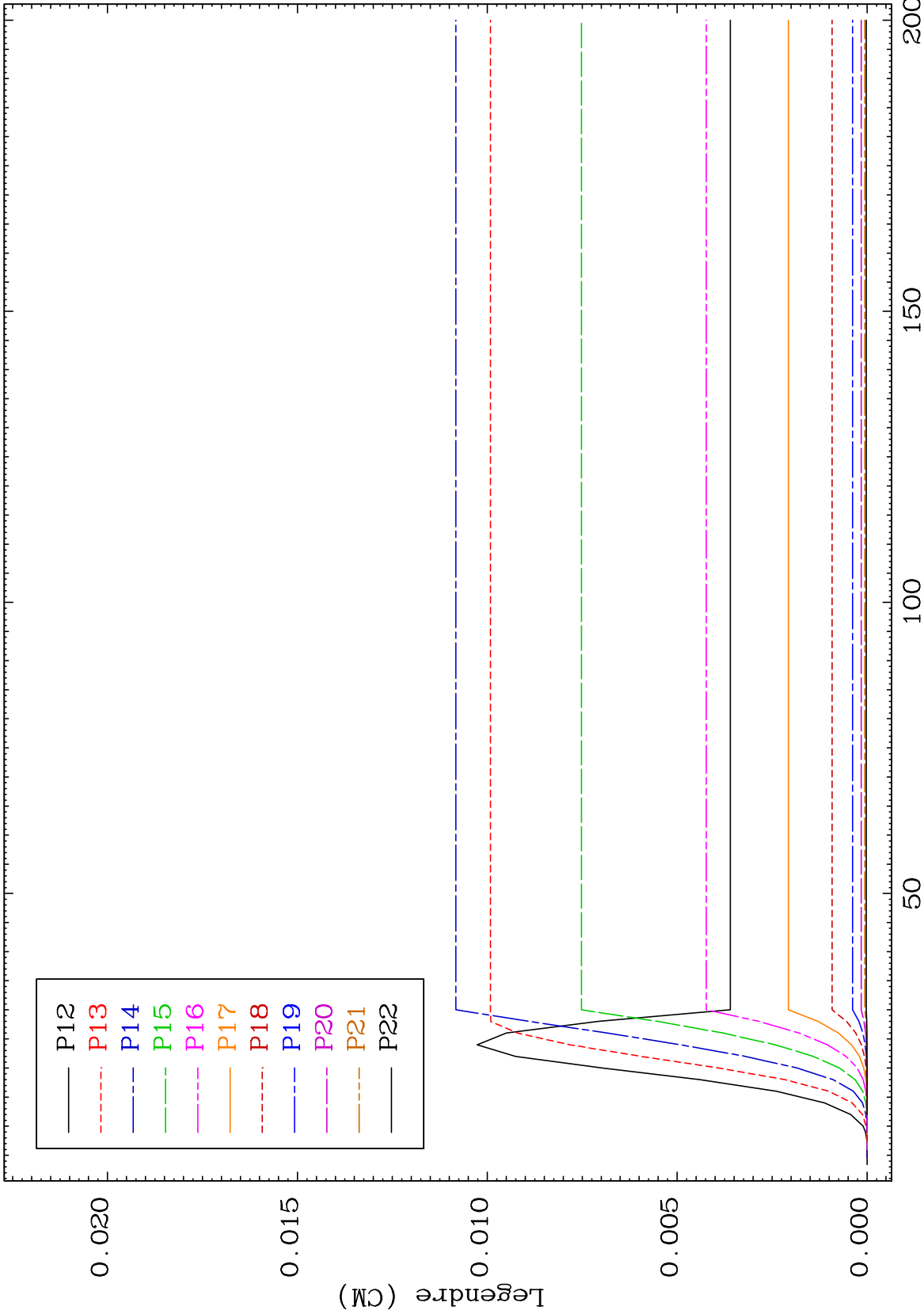
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



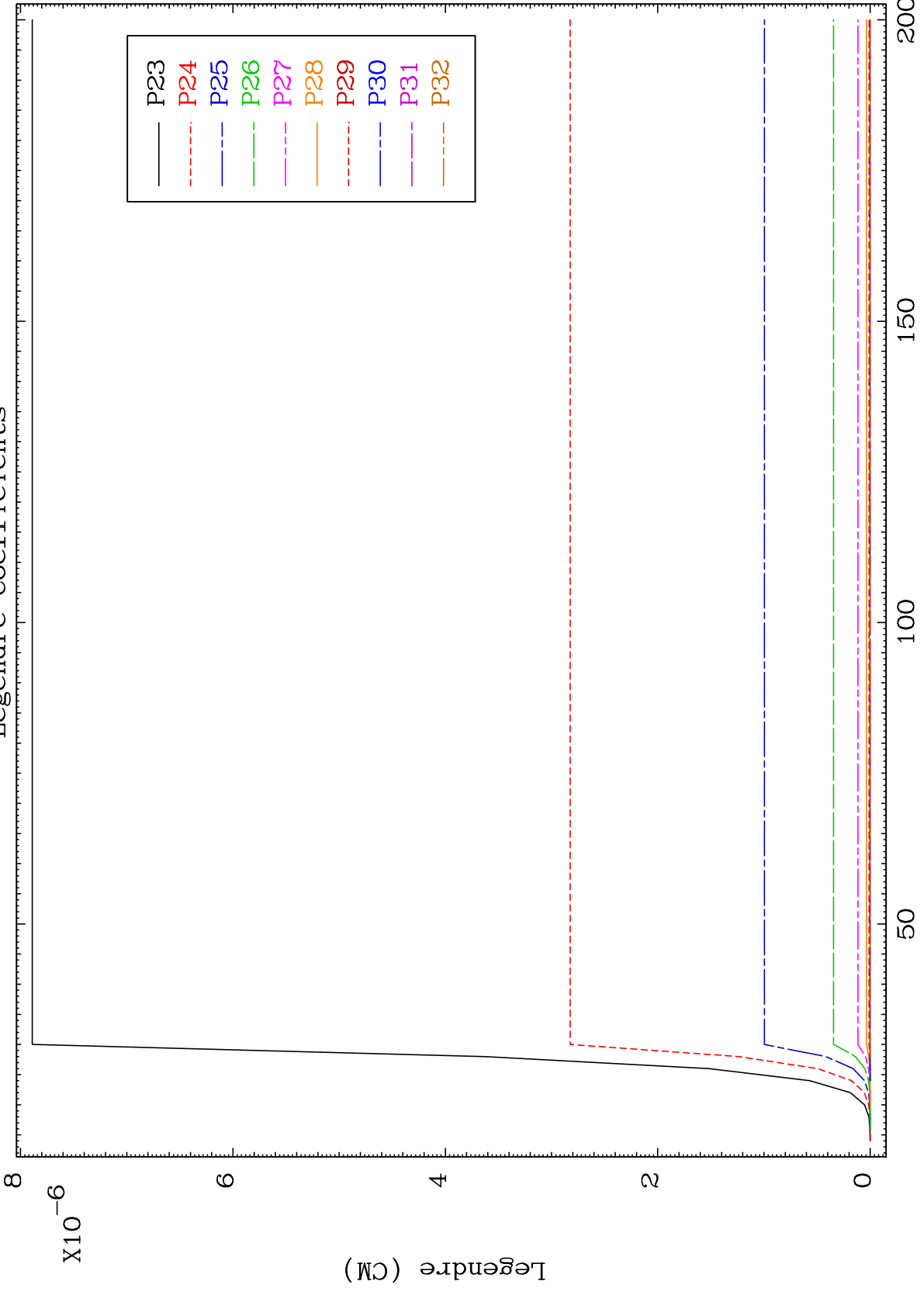
37

24-Cr-51

MAT 2428

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

24-Cr-51



38

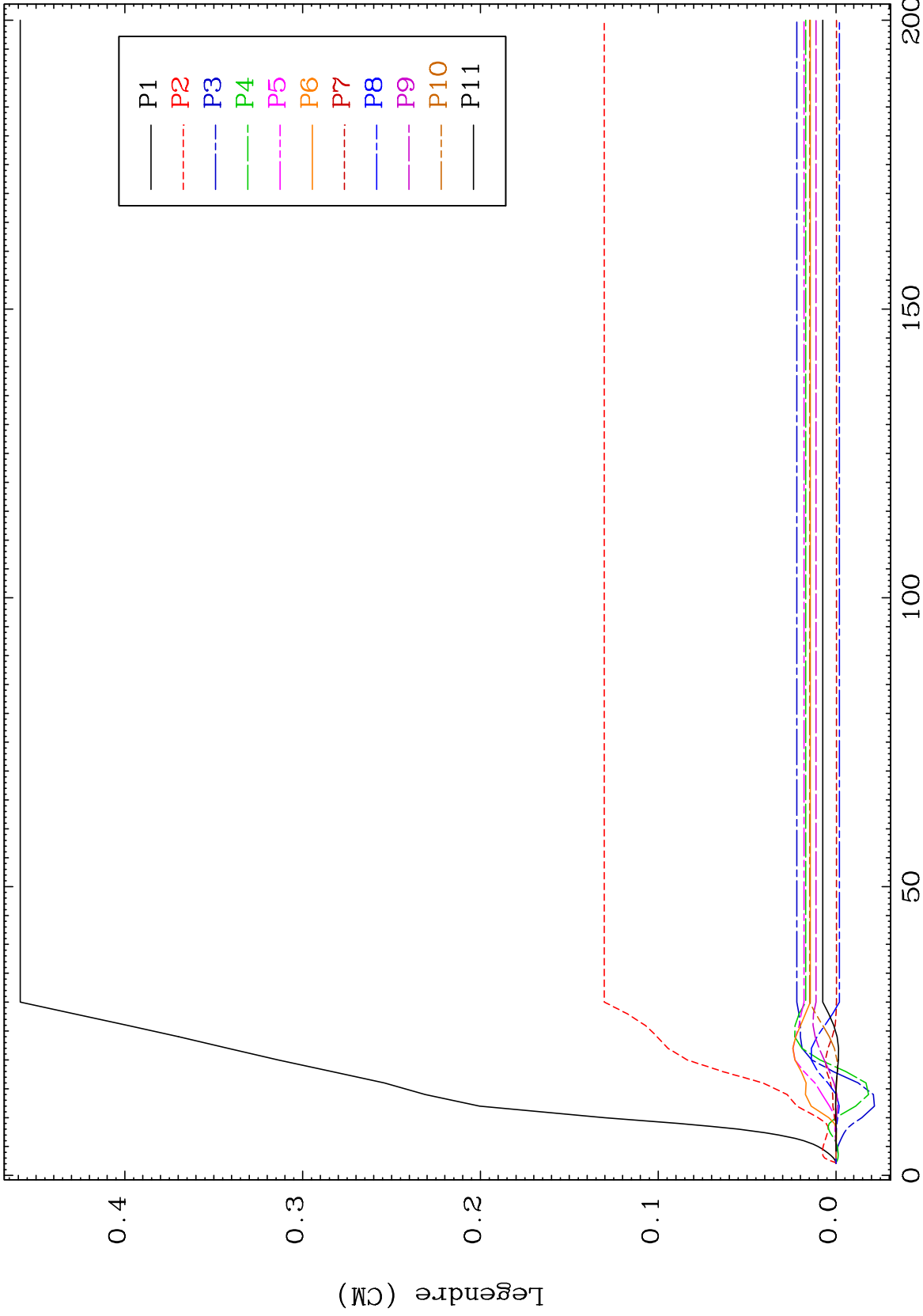
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



39

Incident Energy (MeV)

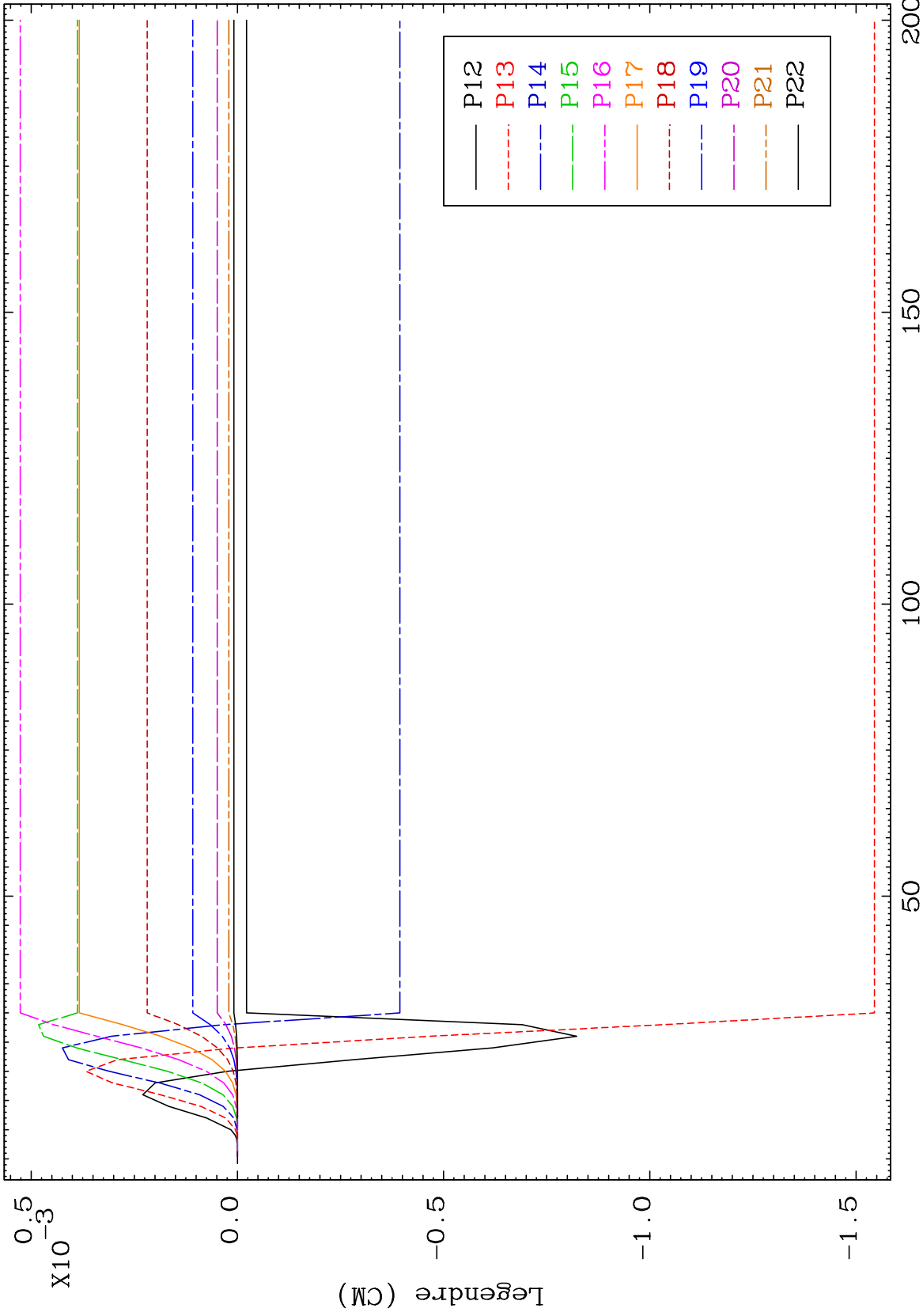
24-Cr-51



MAT 2428

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

24-Cr-51



40

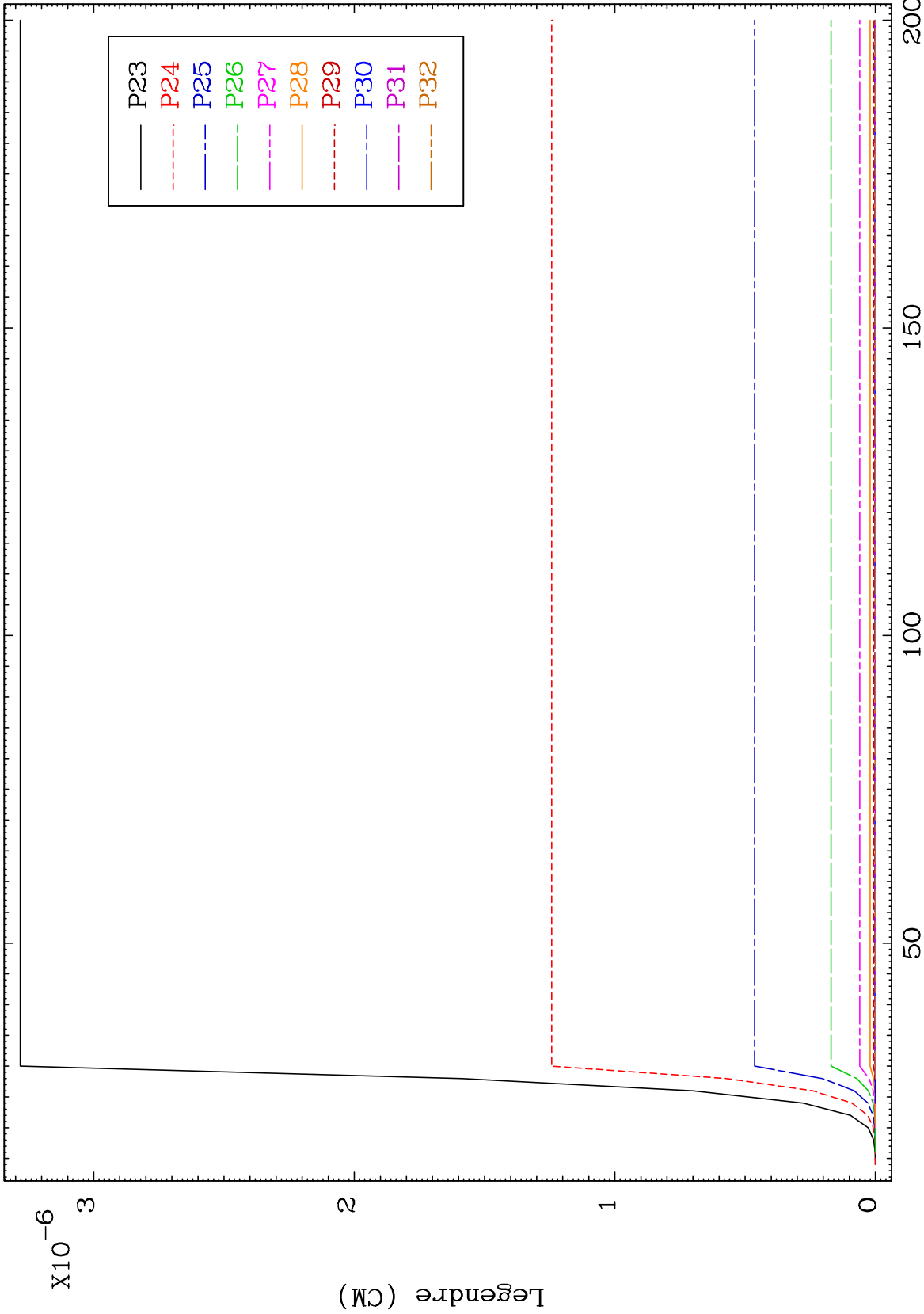
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



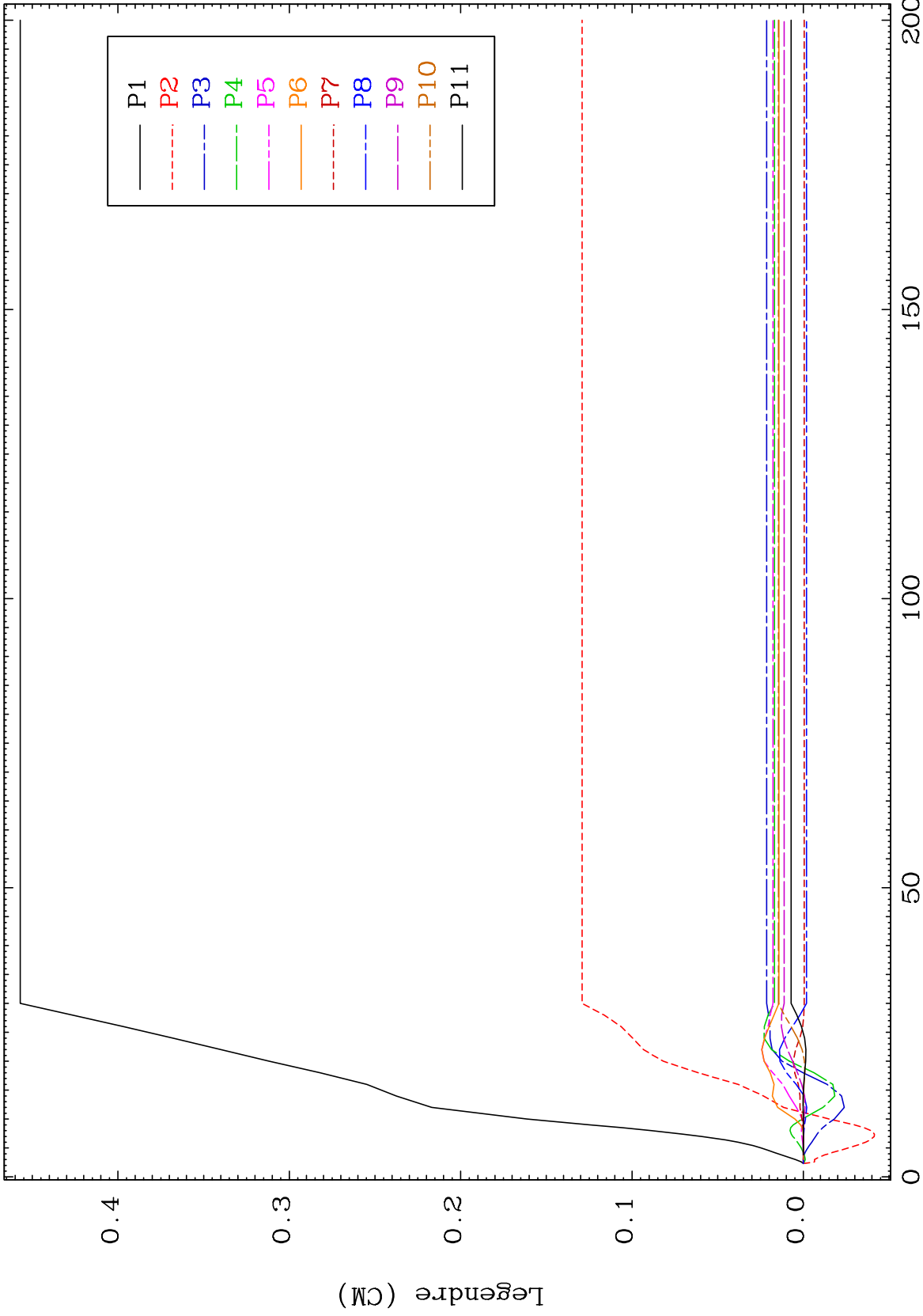
41

24-Cr-51

MAT 2428

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

24-Cr-51



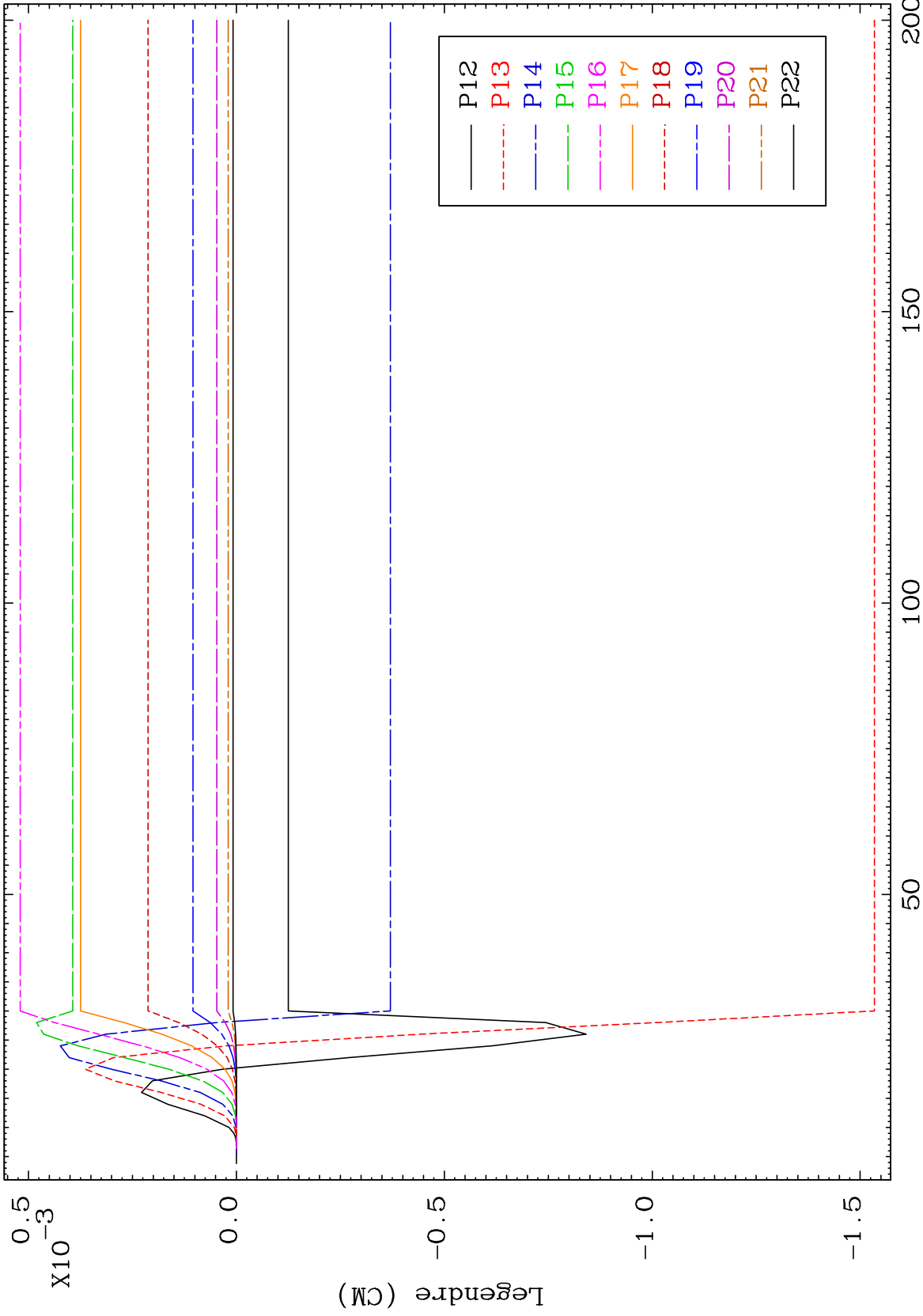
42

24-Cr-51

MAT 2428

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

24-Cr-51



43

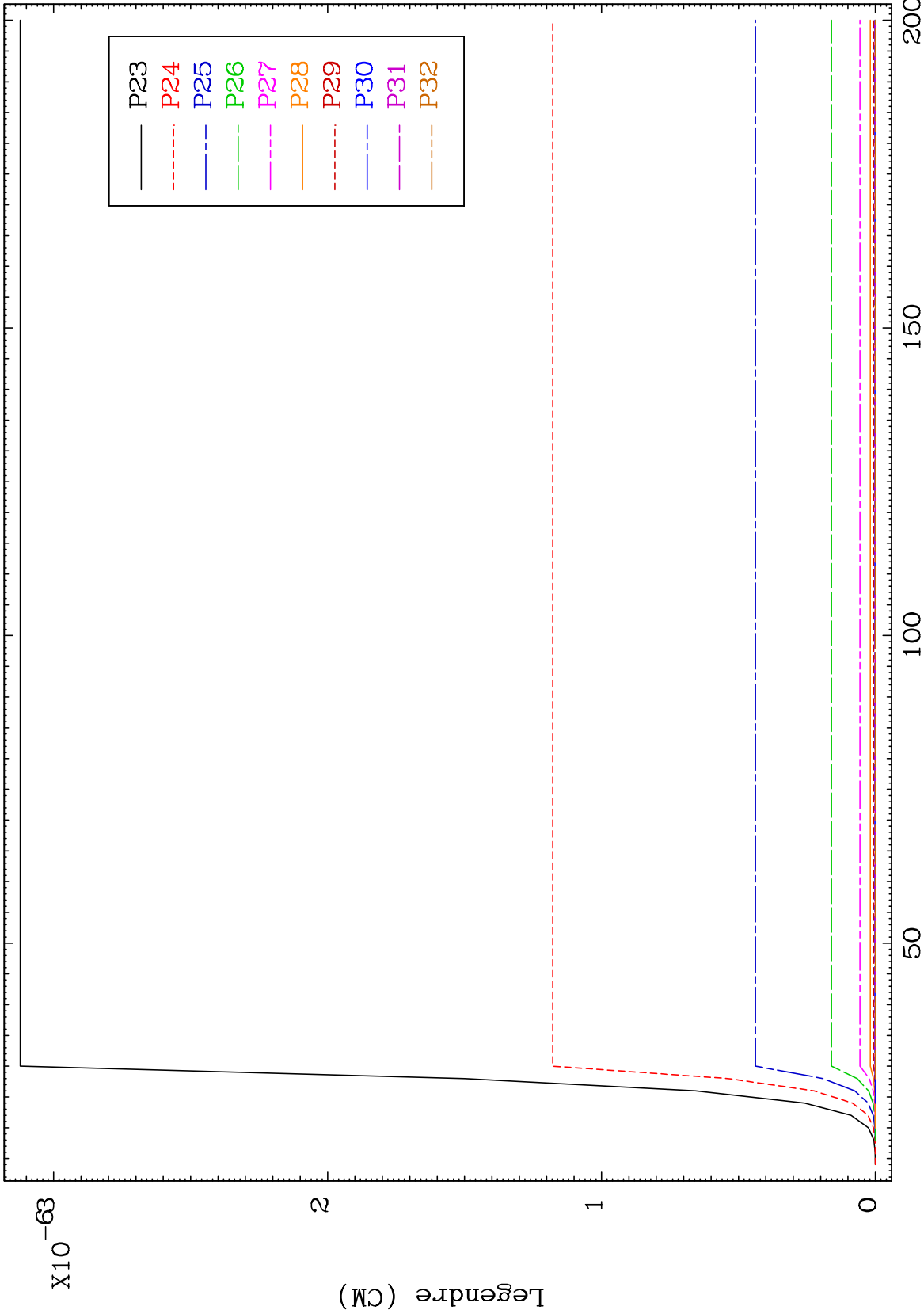
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



44

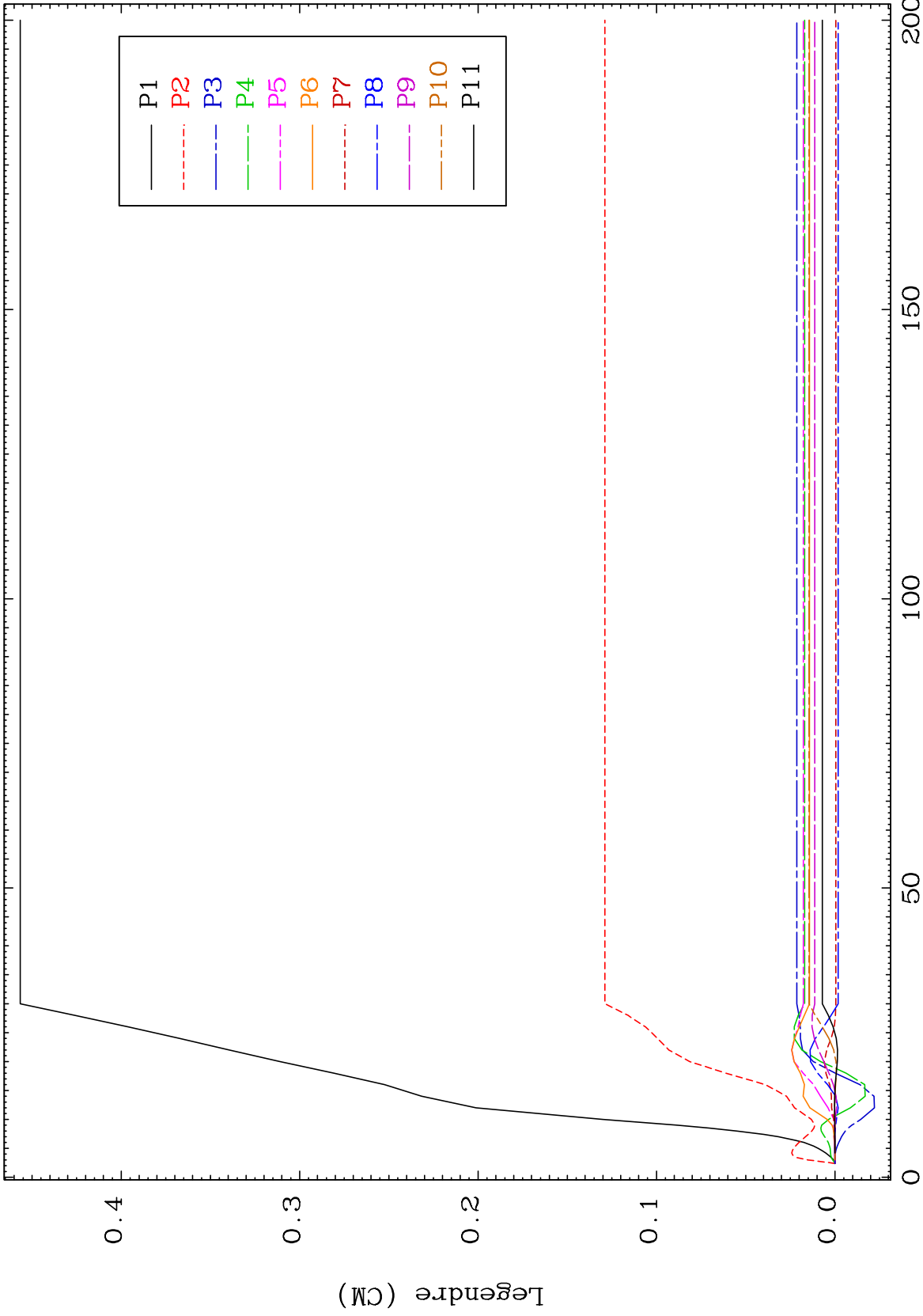
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



45

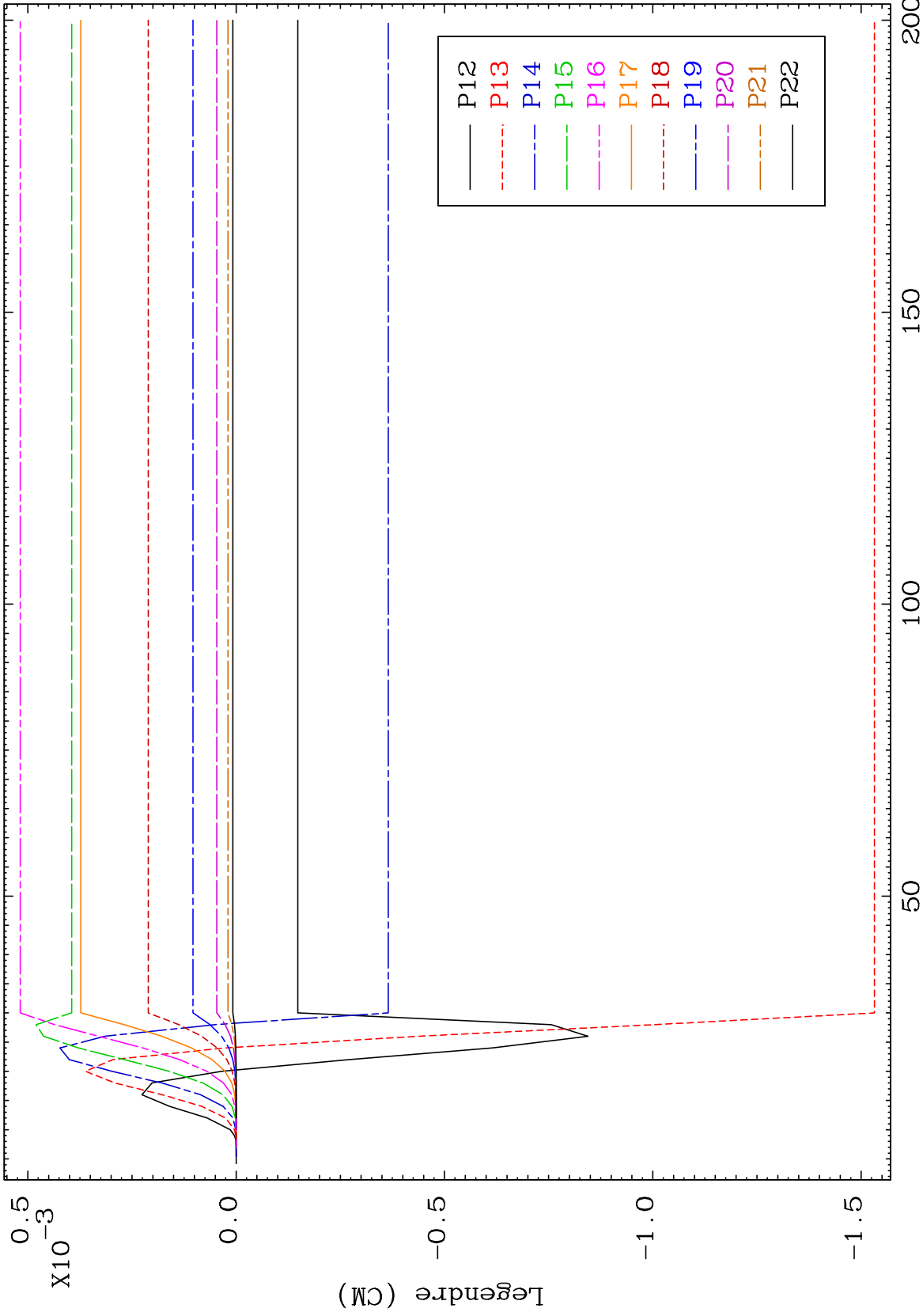
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



46

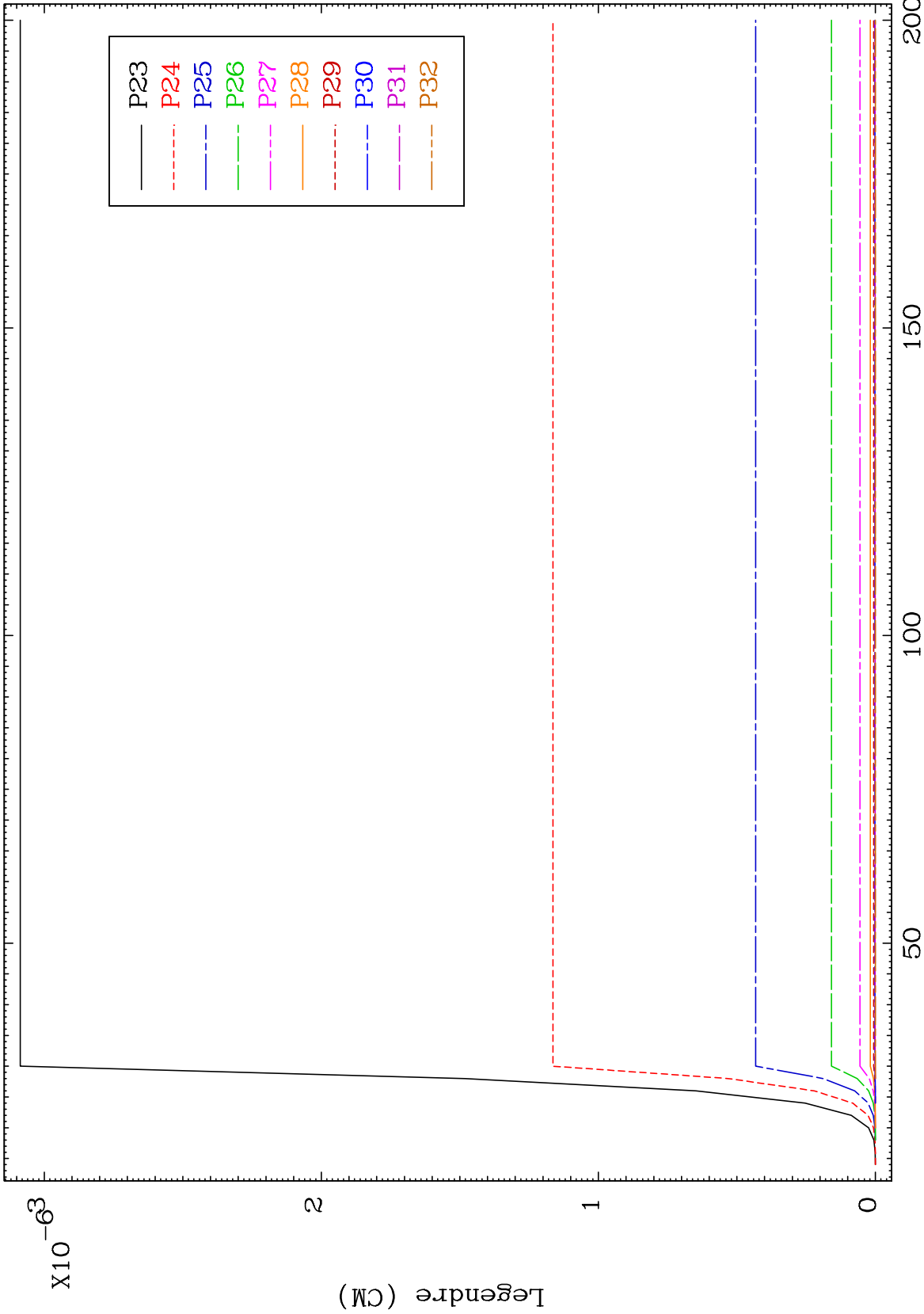
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



47

Incident Energy (MeV)

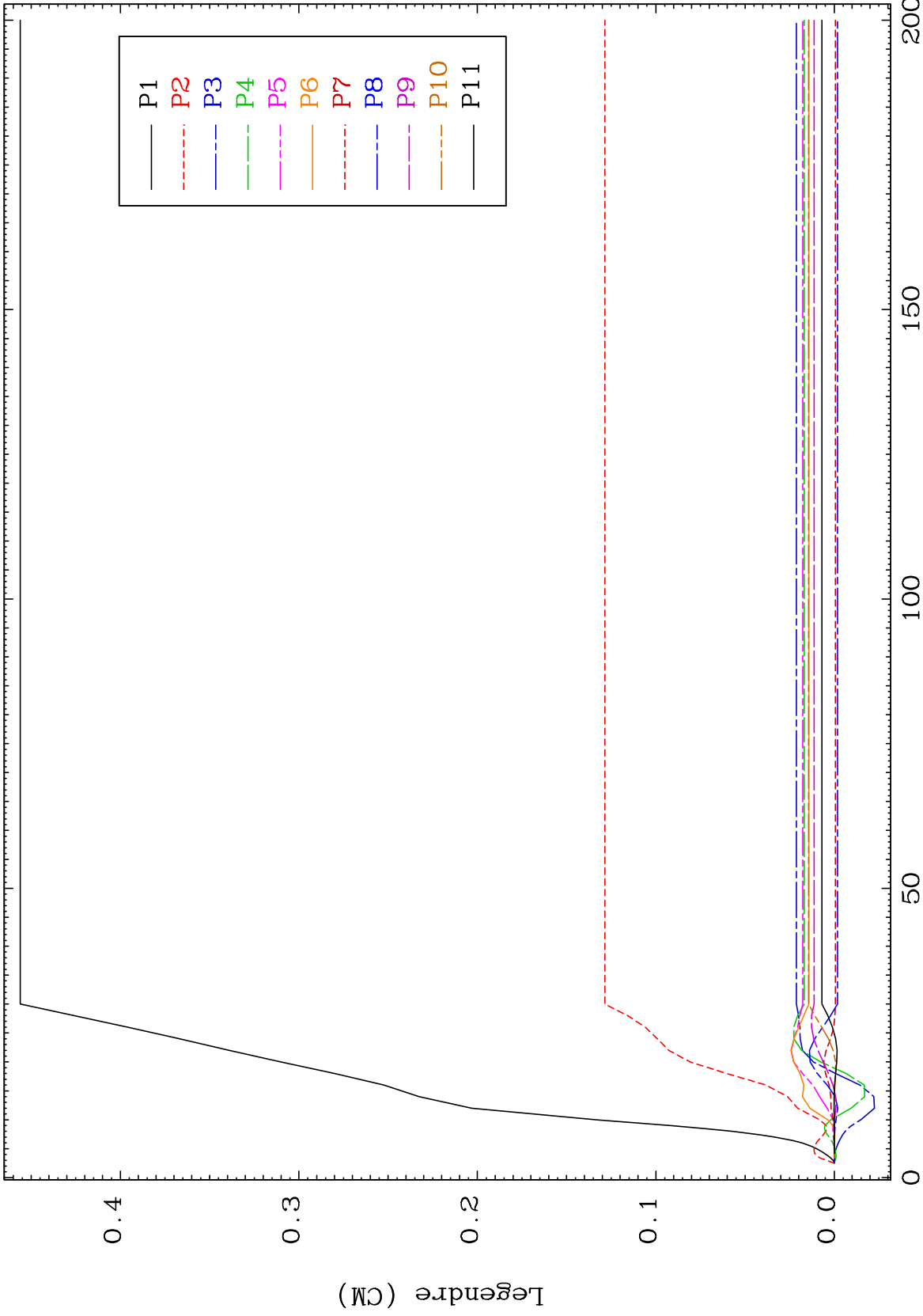
24-Cr-51



MAT 2428

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

24-Cr-51



48

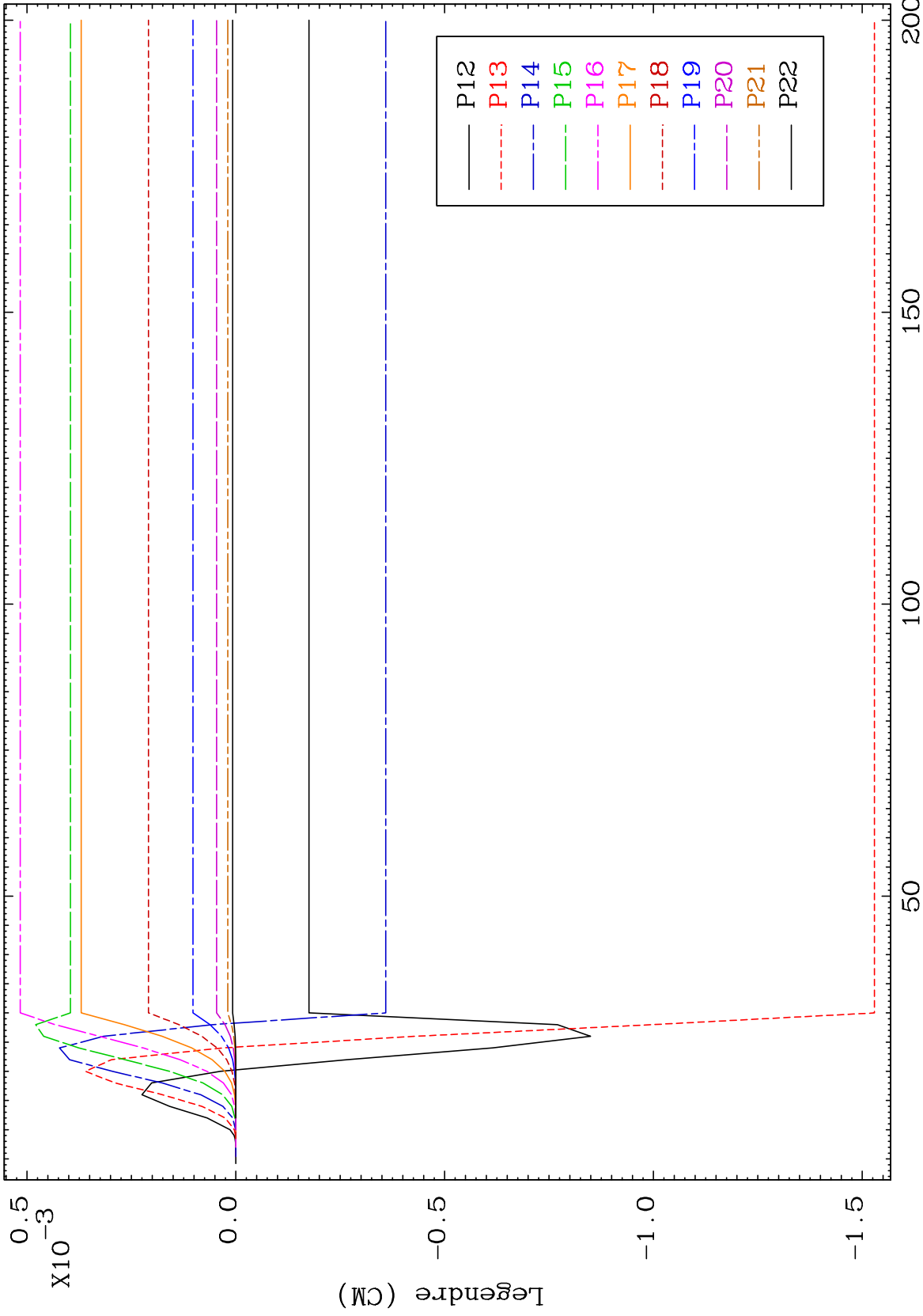
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



49

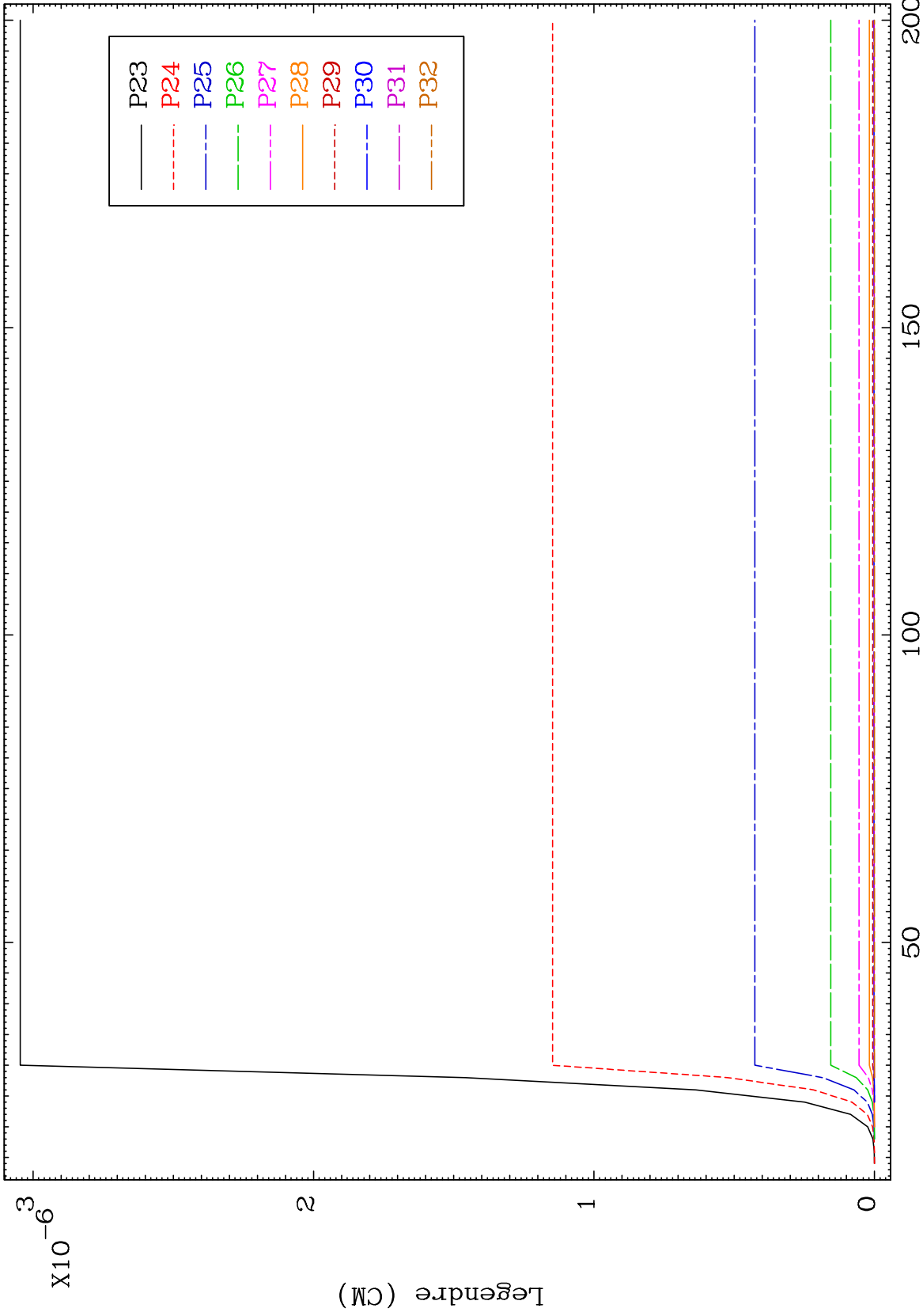
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



50

50

100

150

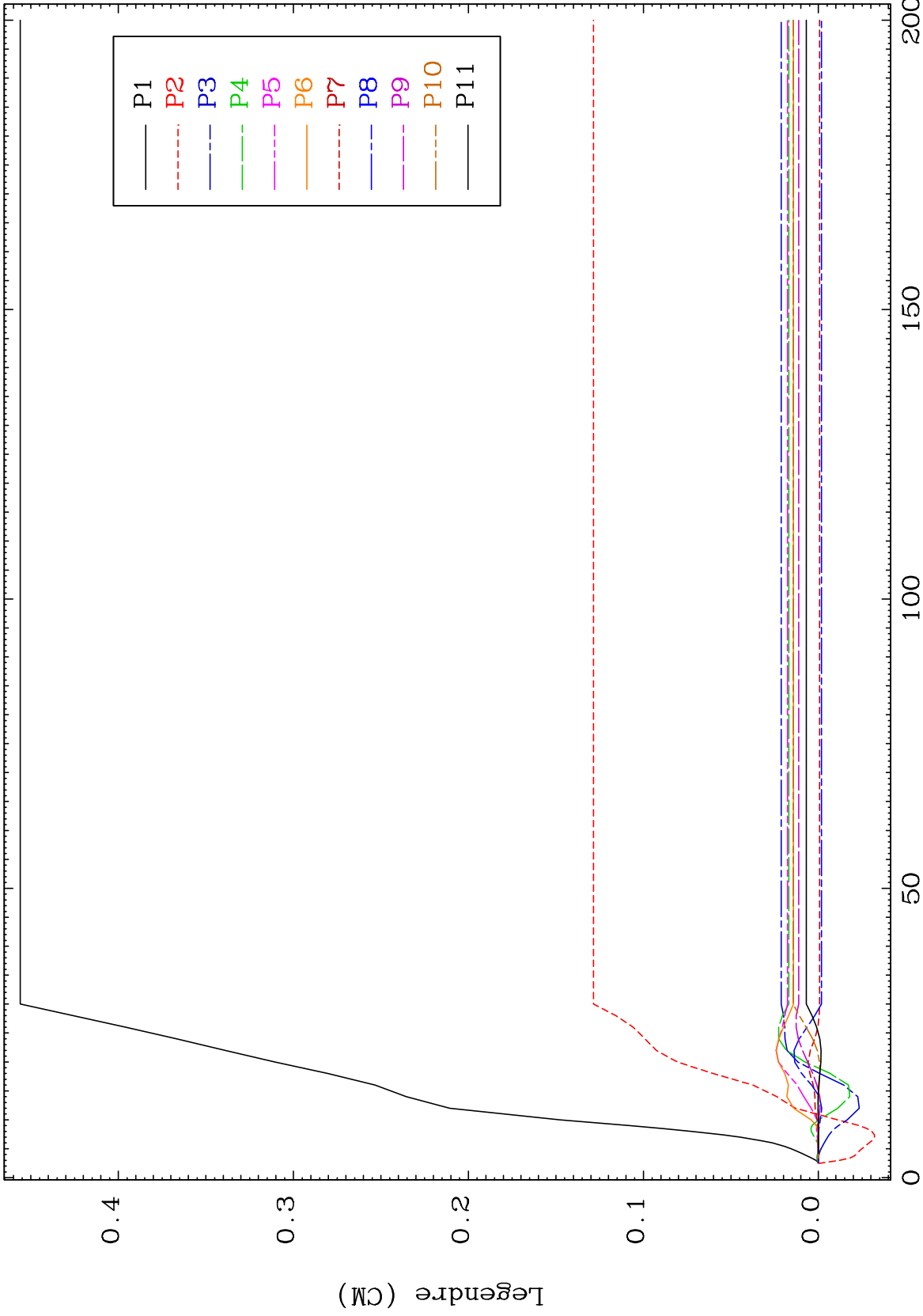
200

24-Cr-51

MAT 2428

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

24-Cr-51



51

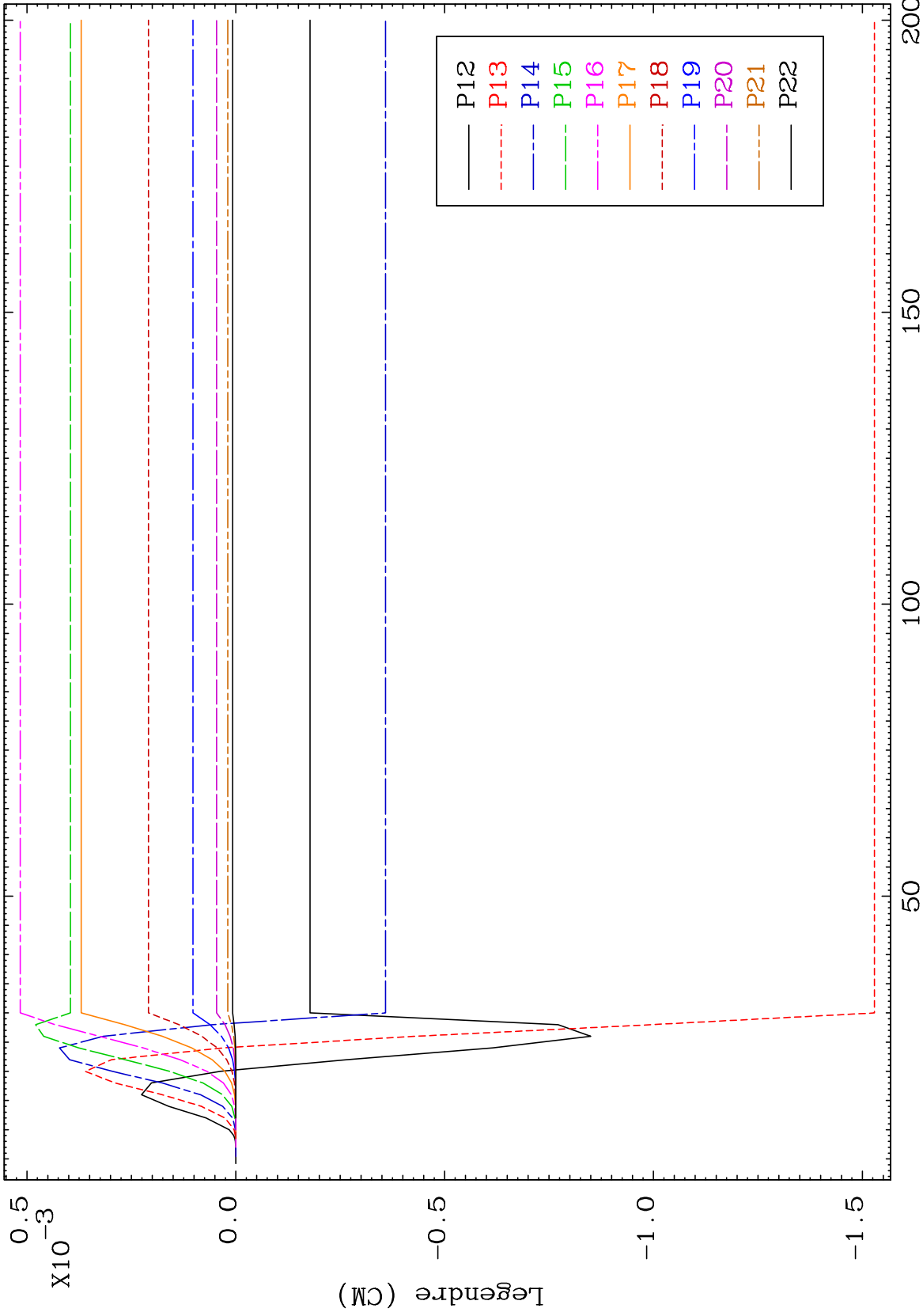
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



52

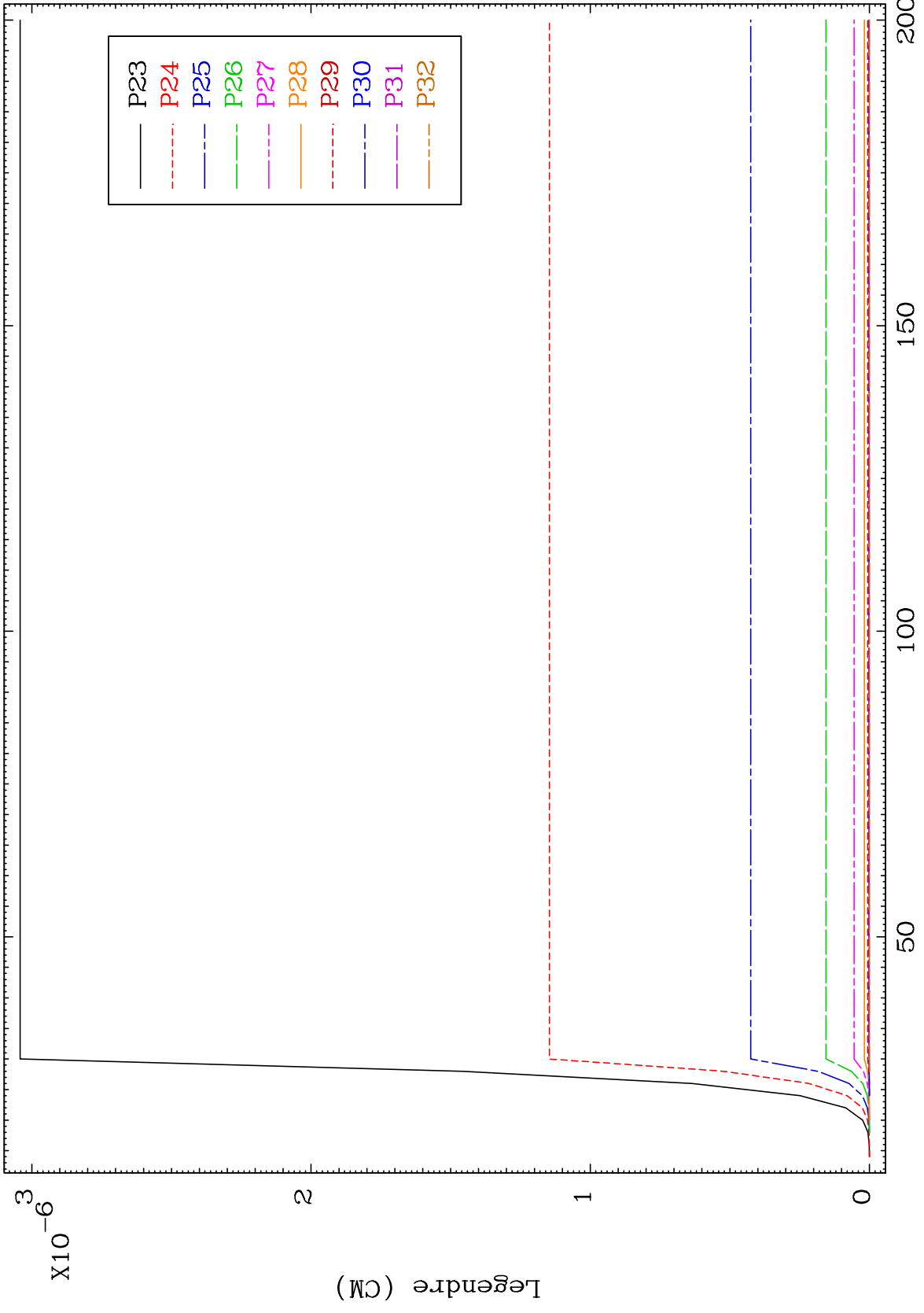
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



53

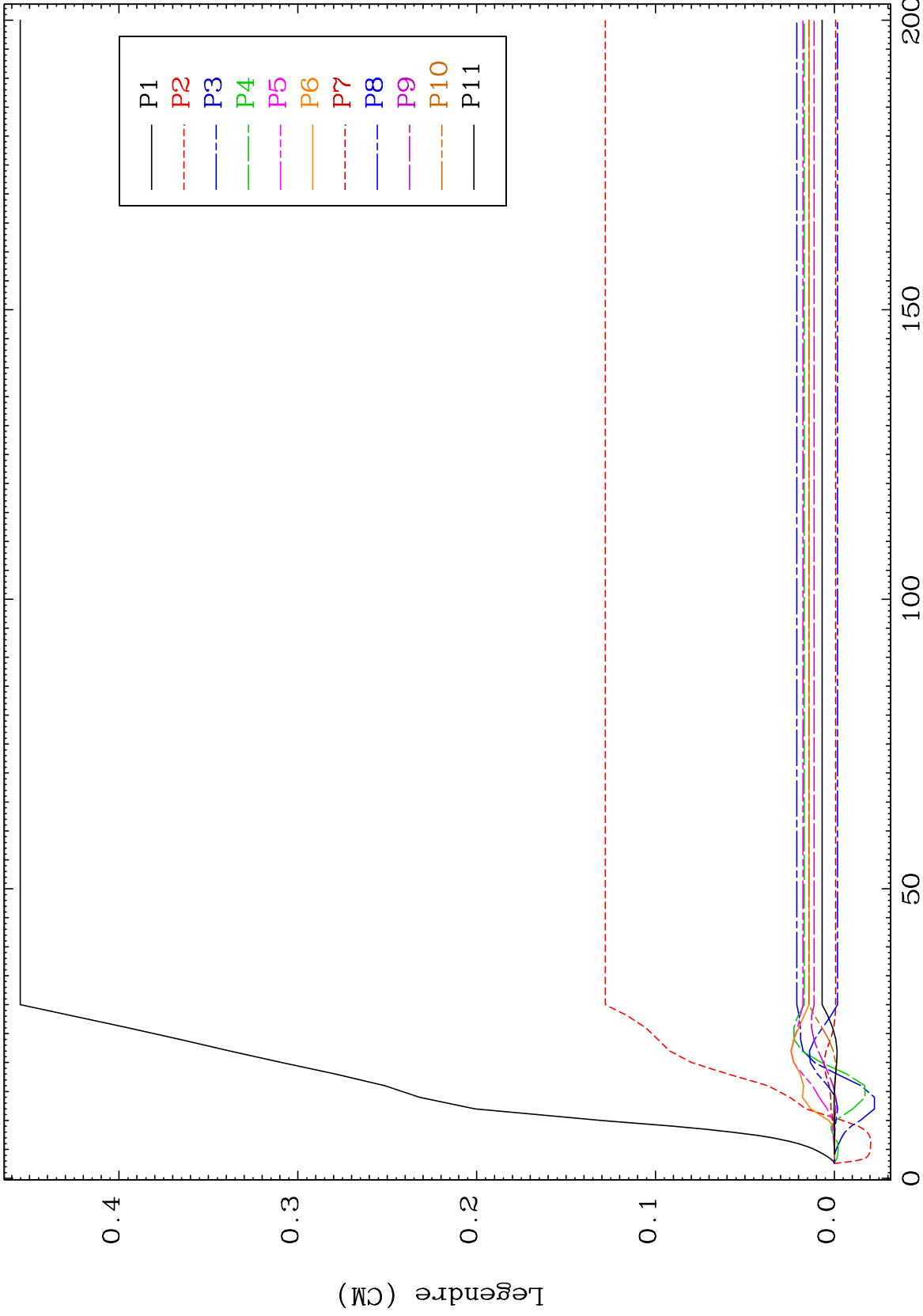
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



54

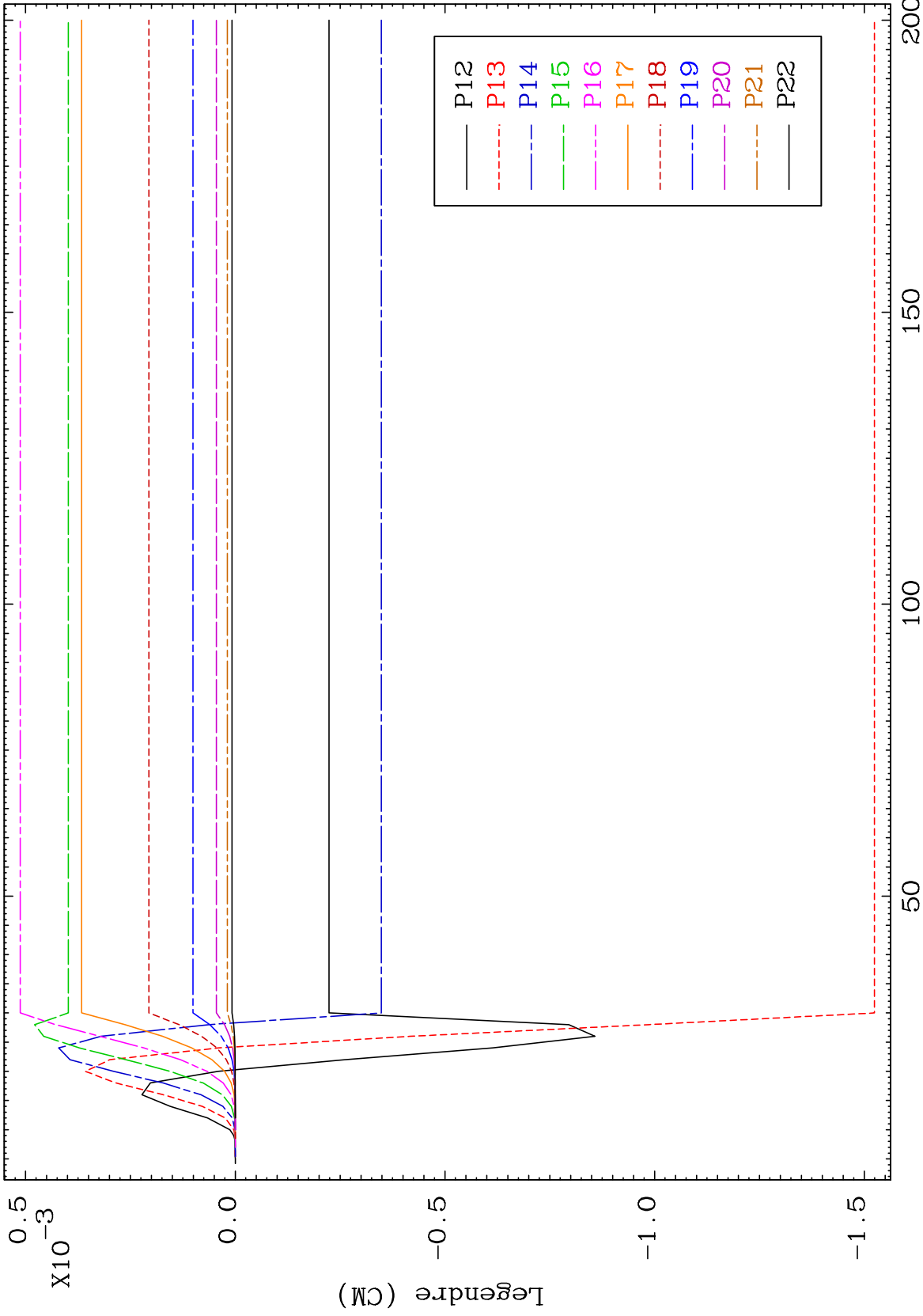
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



55

Incident Energy (MeV)

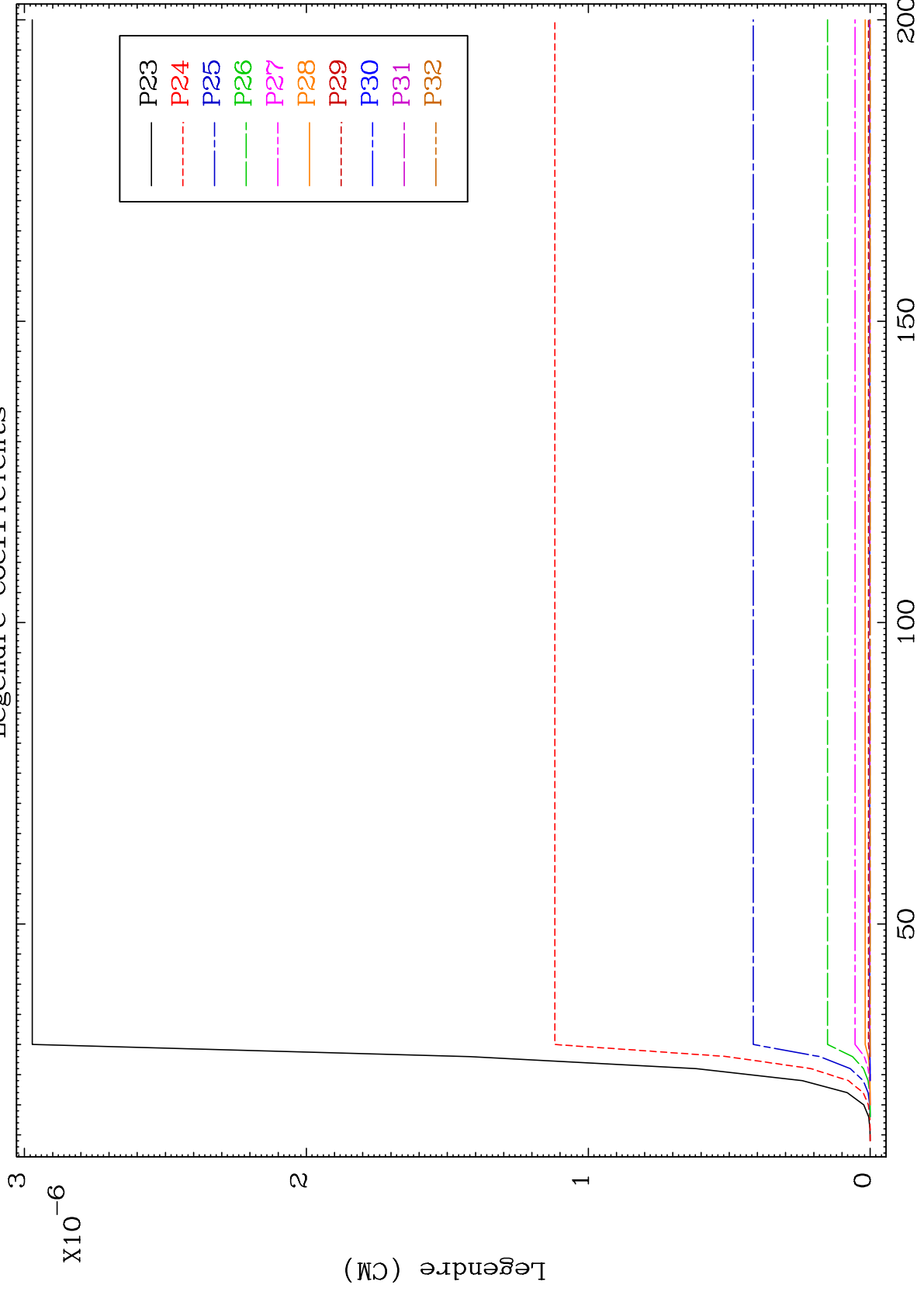
24-Cr-51



MAT 2428

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

24-Cr-51



56

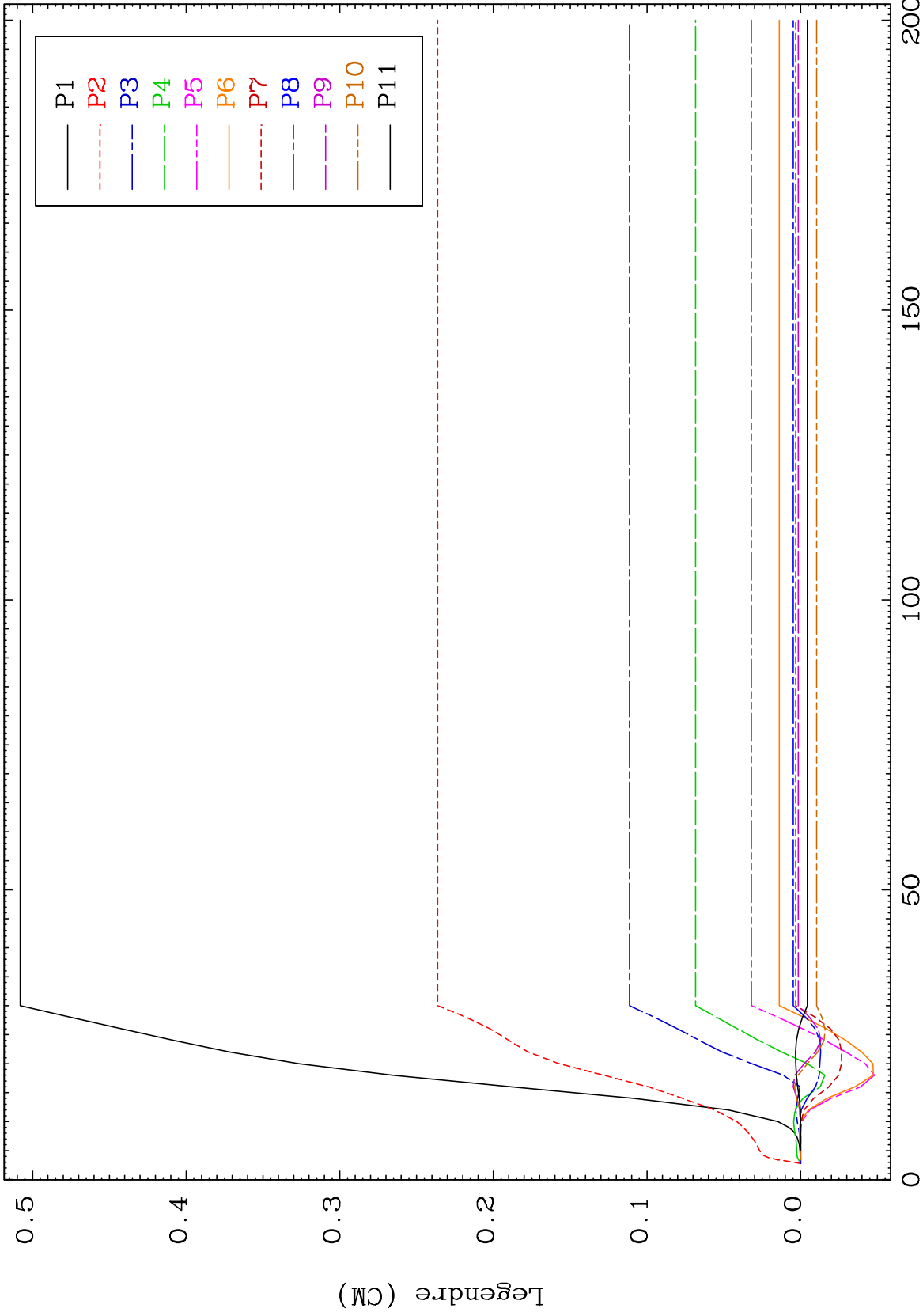
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



57

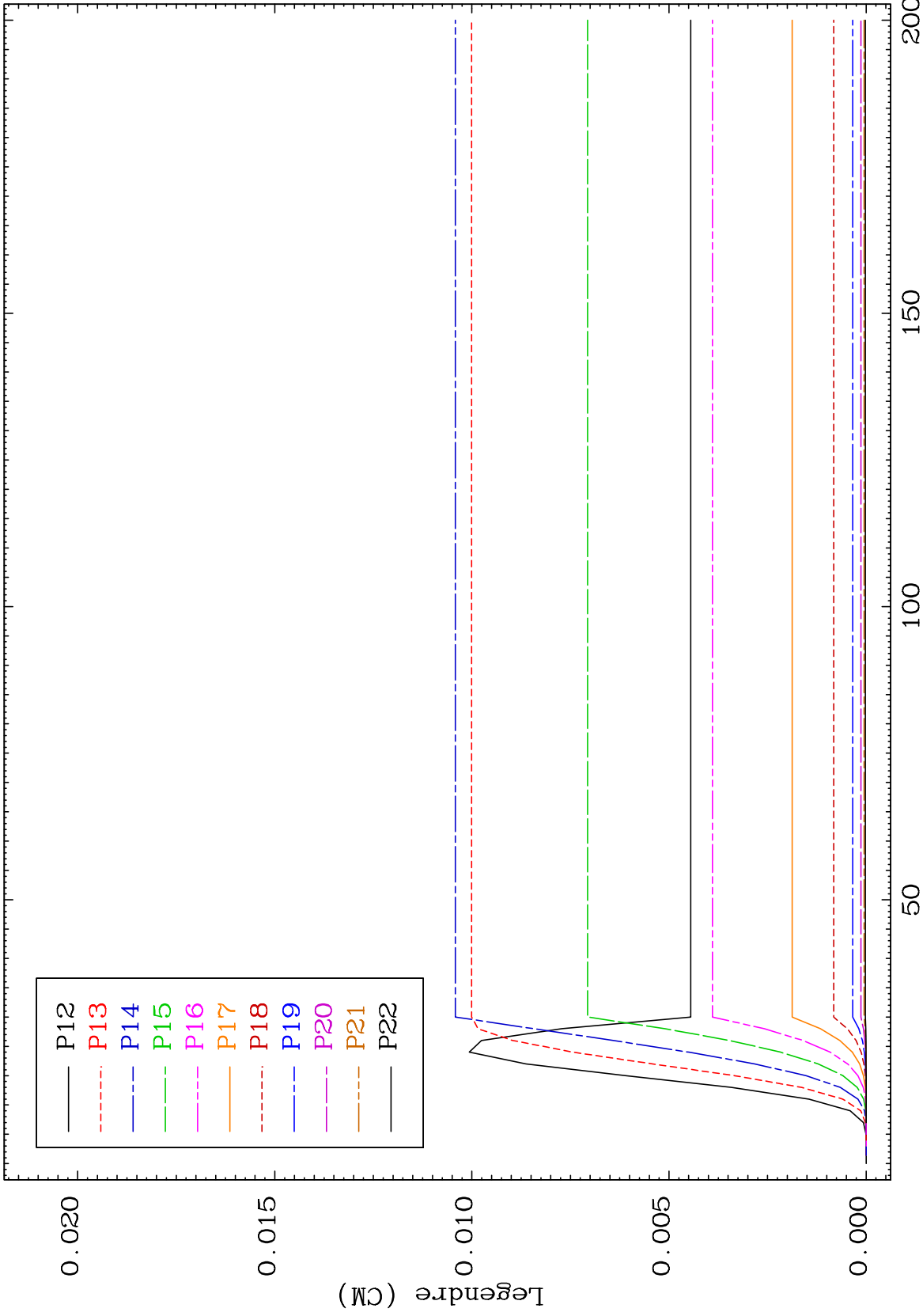
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



58

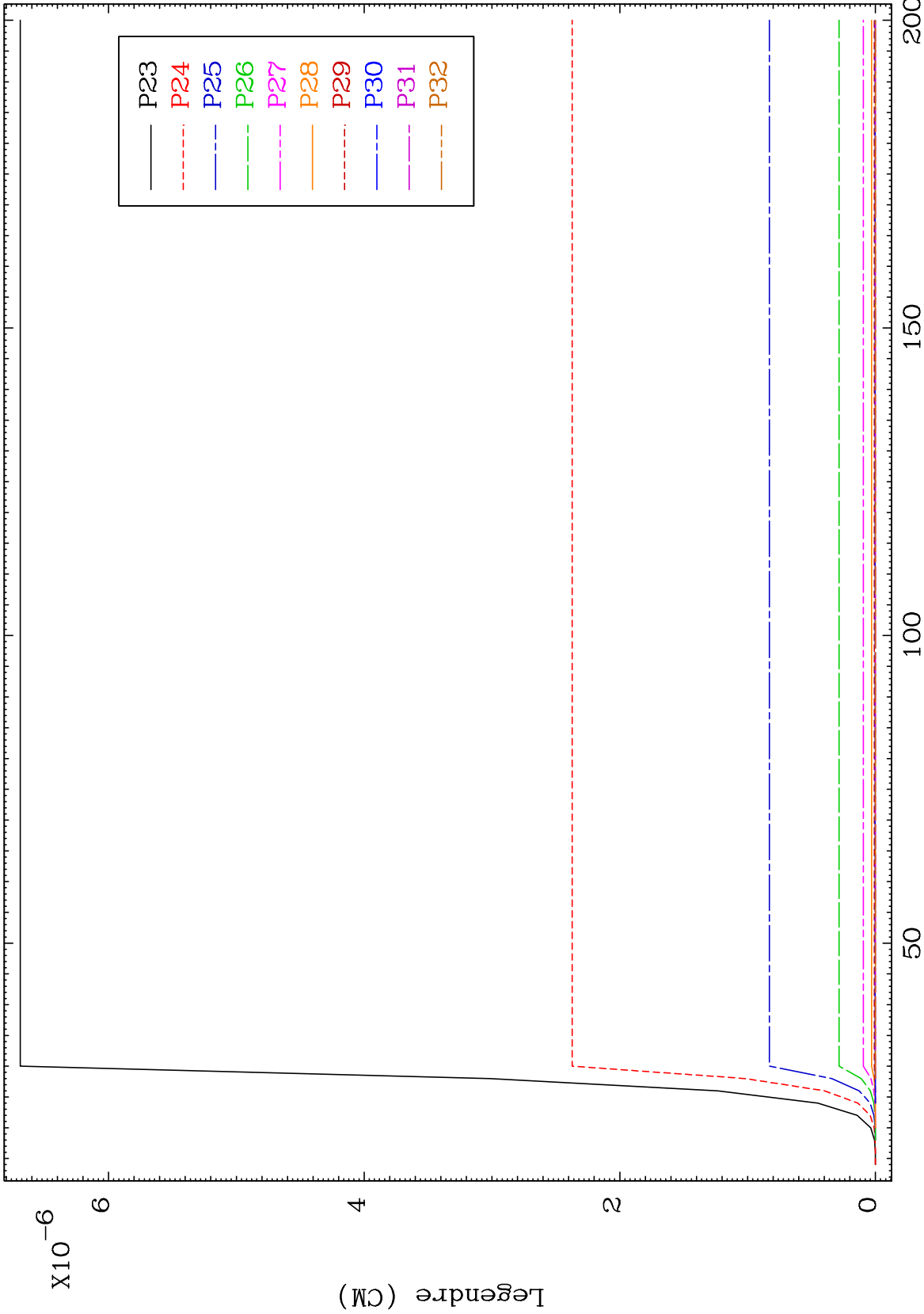
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



59

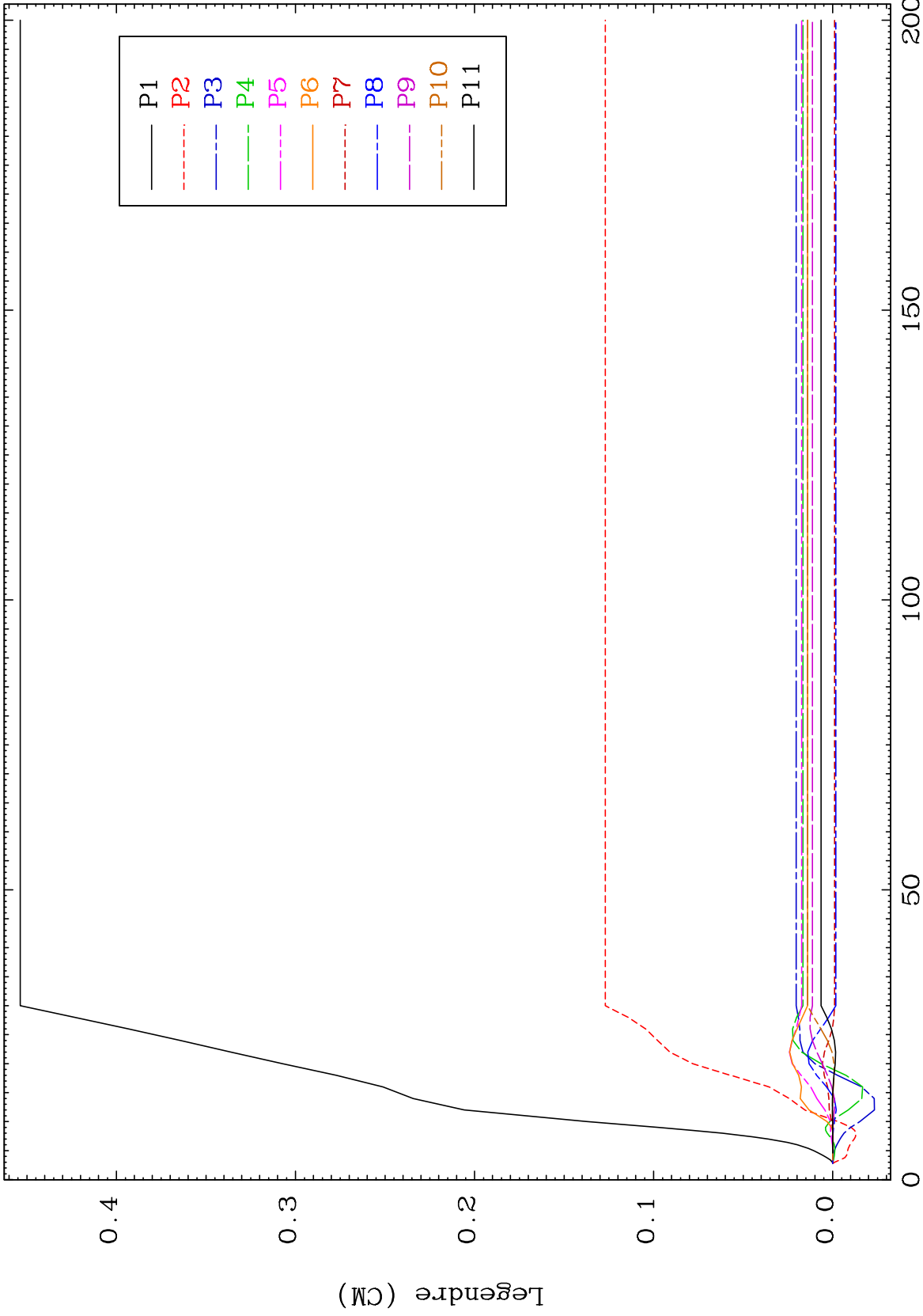
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



24-Cr-51

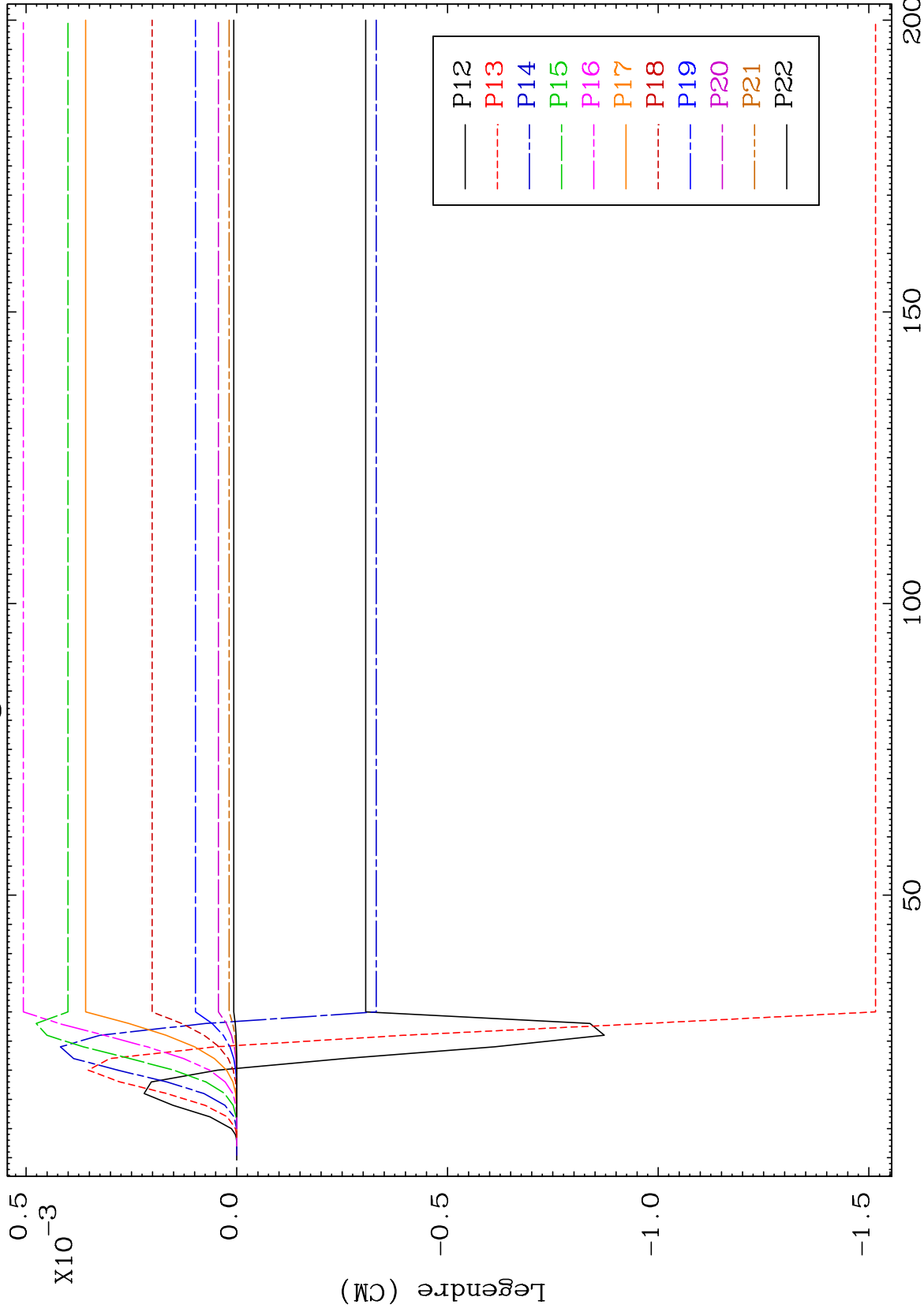
Incident Energy (MeV)

60

MAT 2428

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

24-Cr-51



61

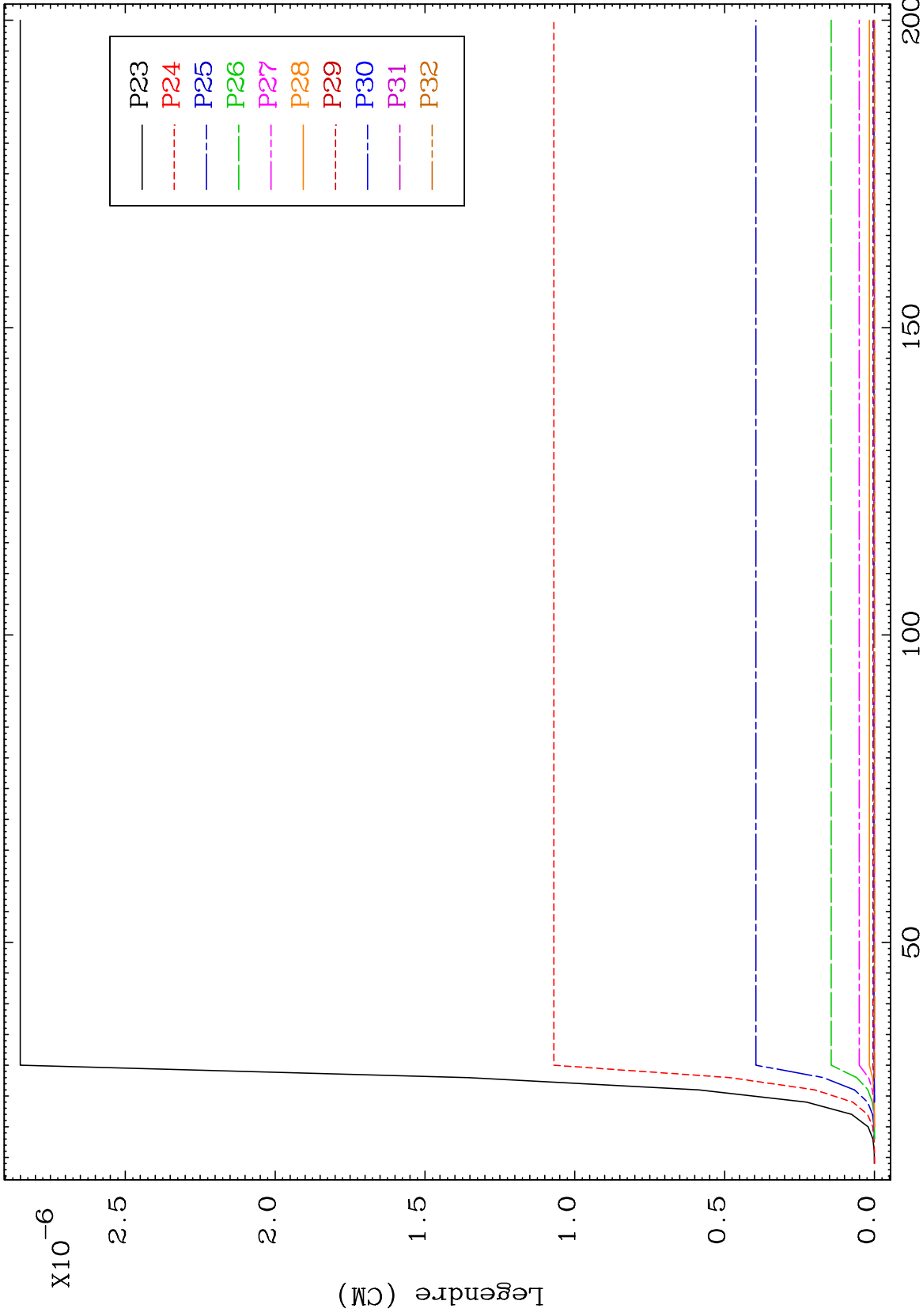
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



62

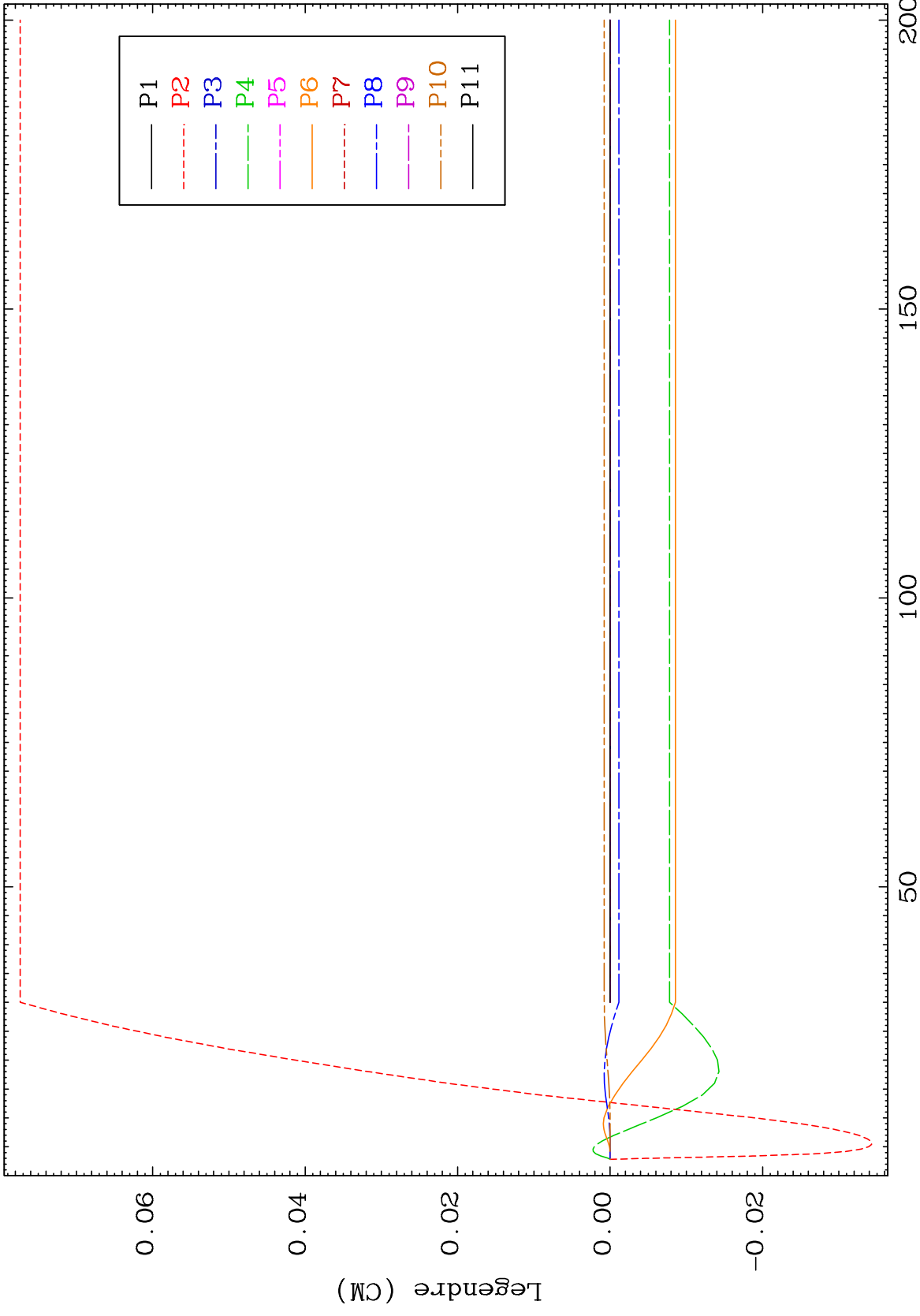
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



63

Incident Energy (MeV)

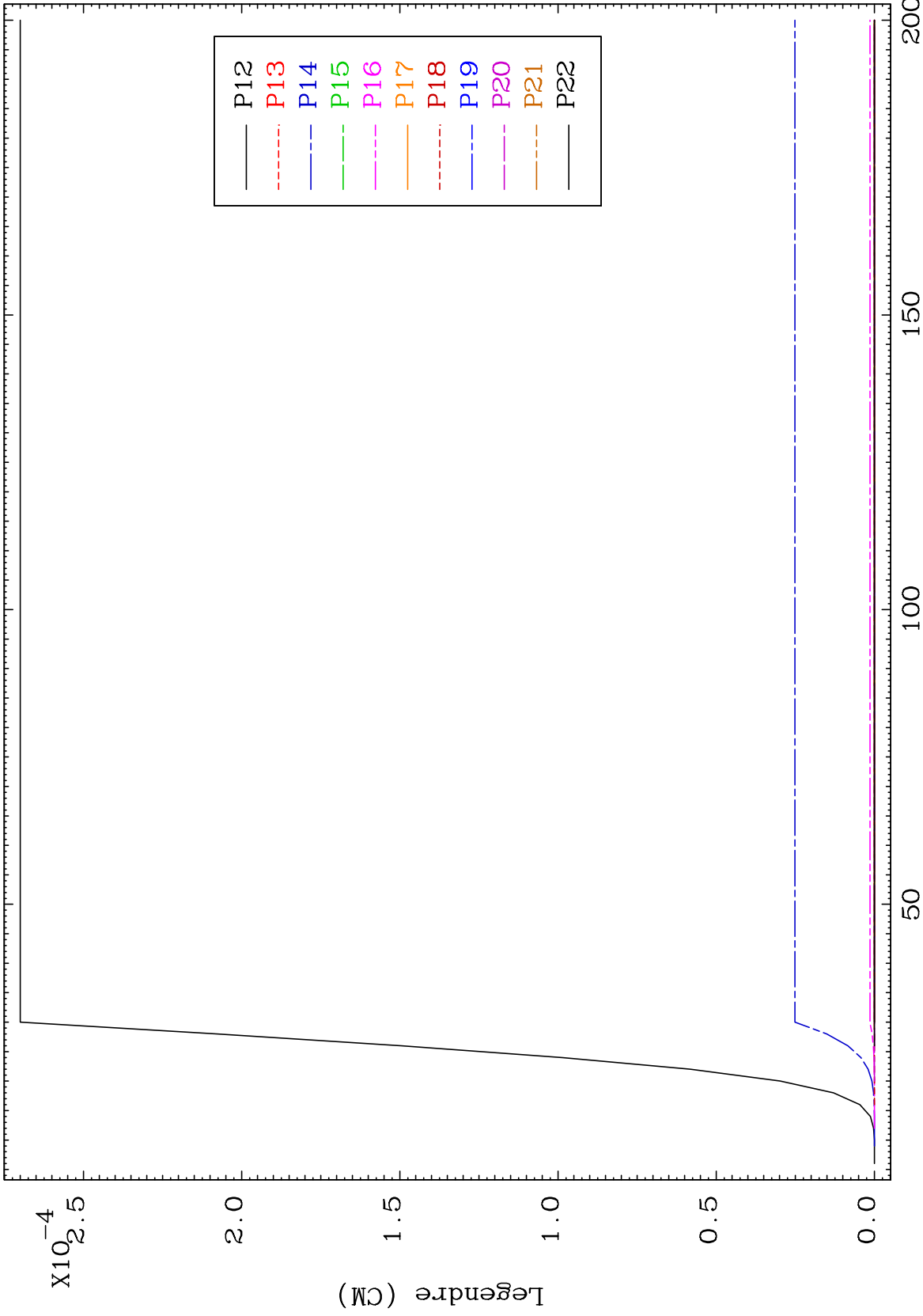
24-Cr-51



MAT 2428

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

24-Cr-51



64

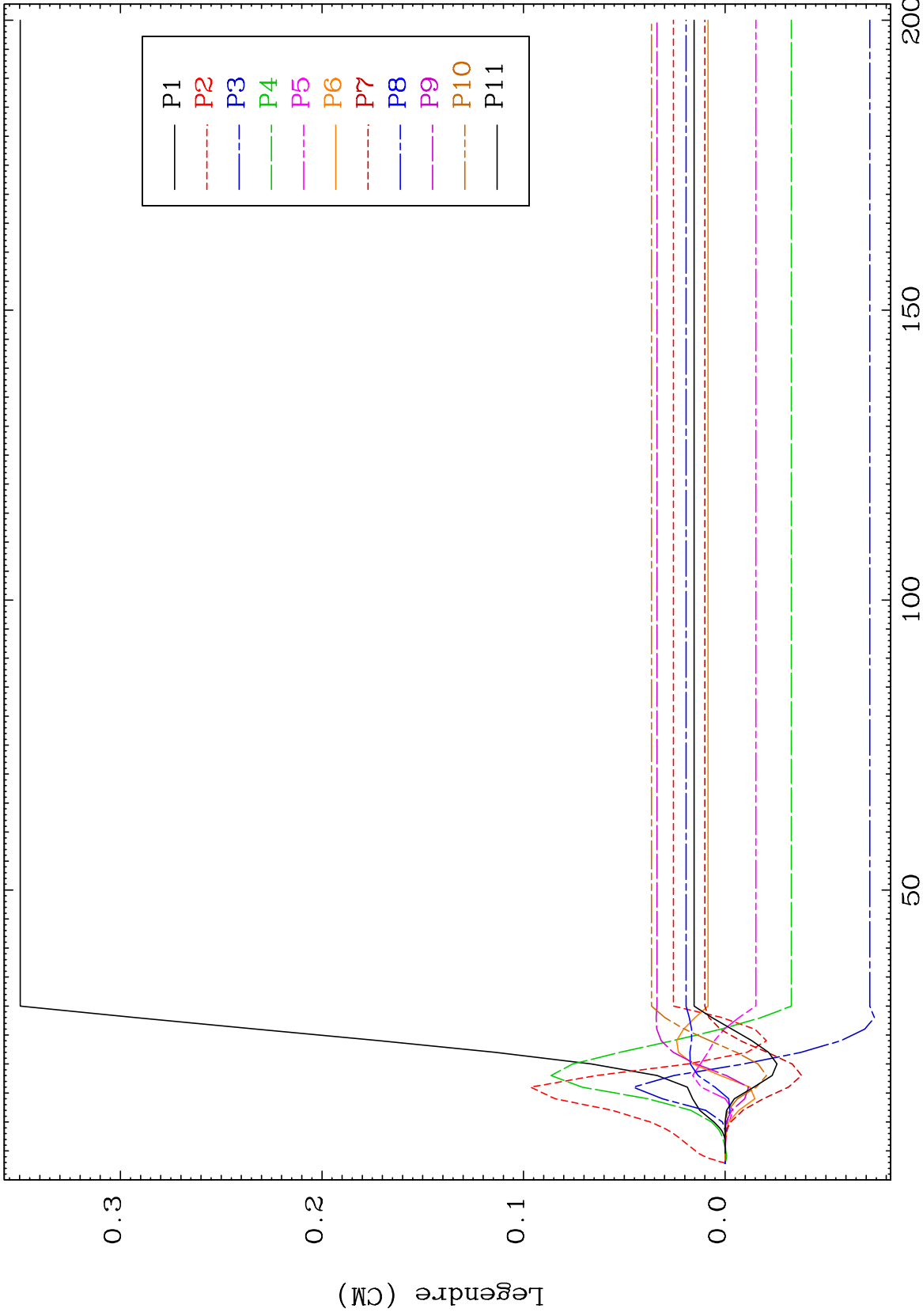
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



65

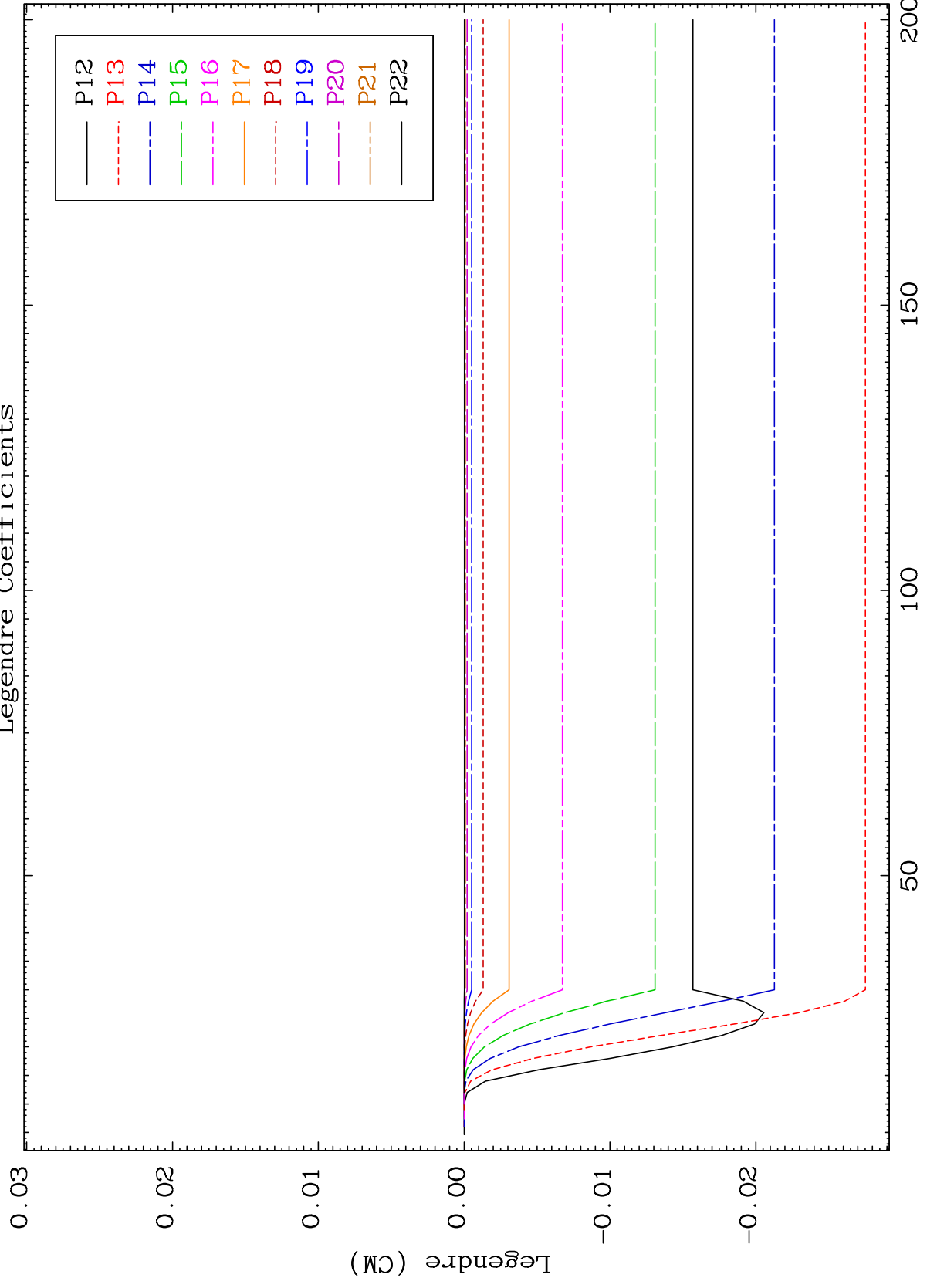
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

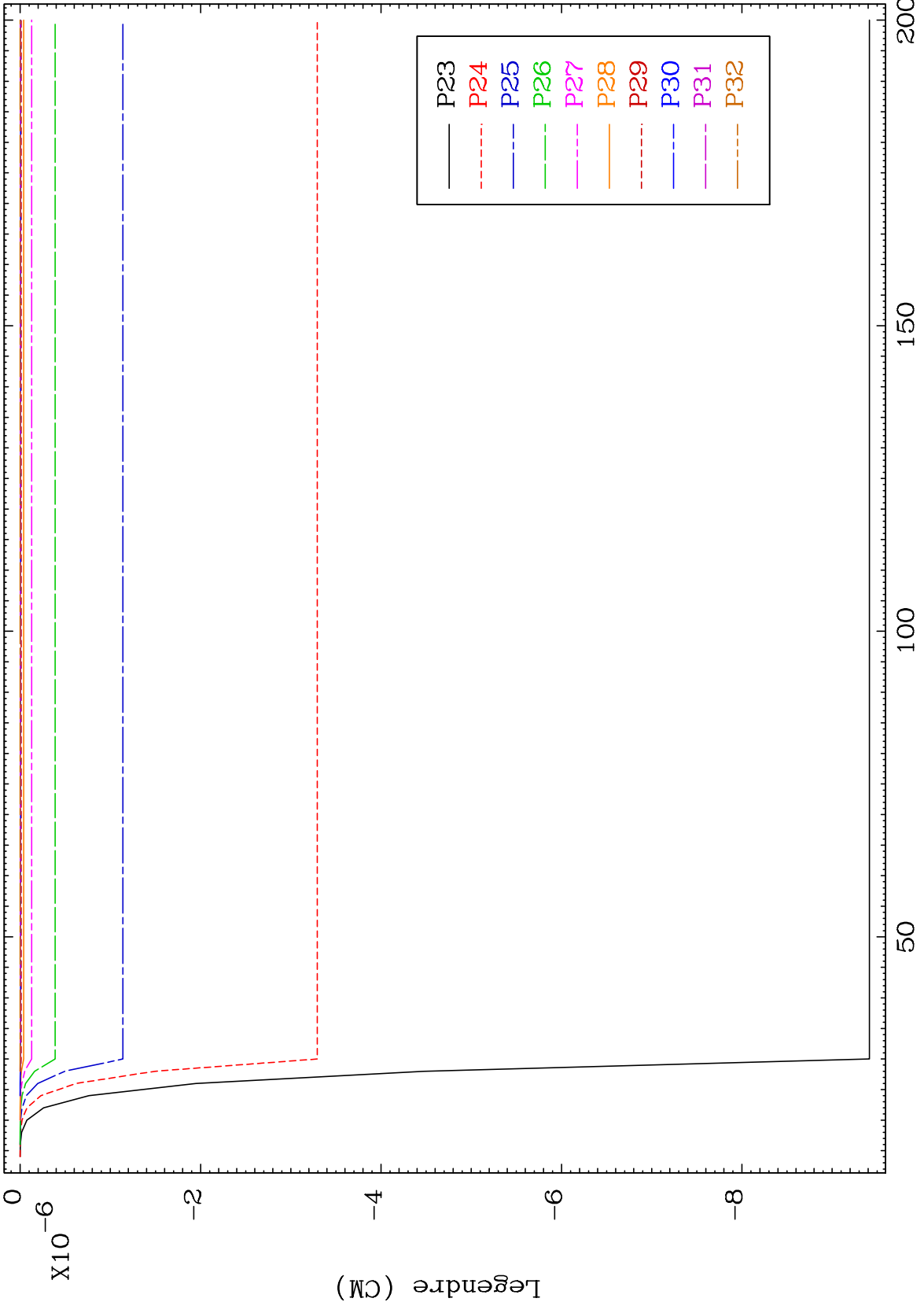
24-Cr-51



66

24-Cr-51

MAT 2428 MT= 67 (n,n') Level Legendre Coefficients 24-Cr-51

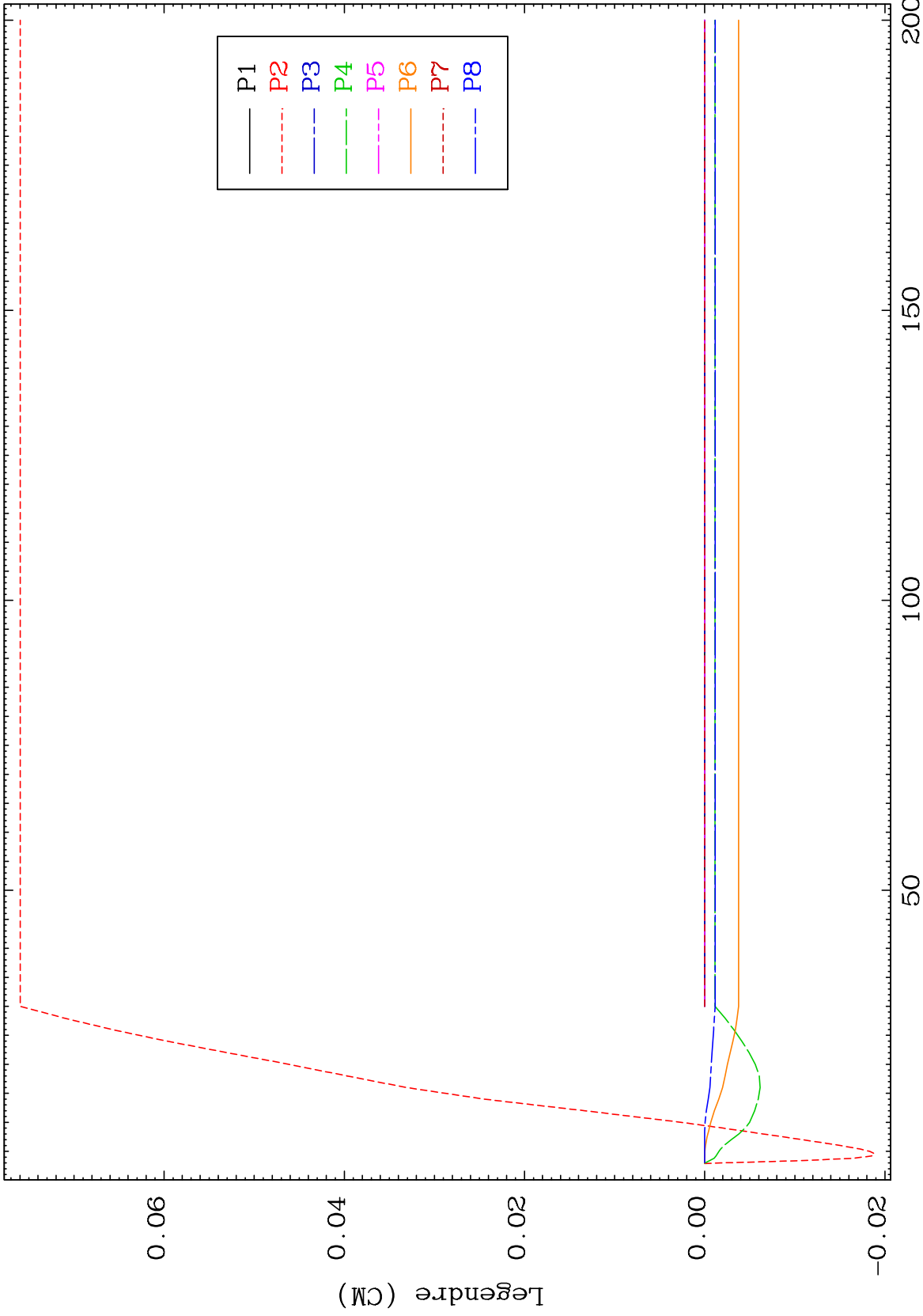


67 Incident Energy (MeV) 24-Cr-51

MAT 2428

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

24-Cr-51



68

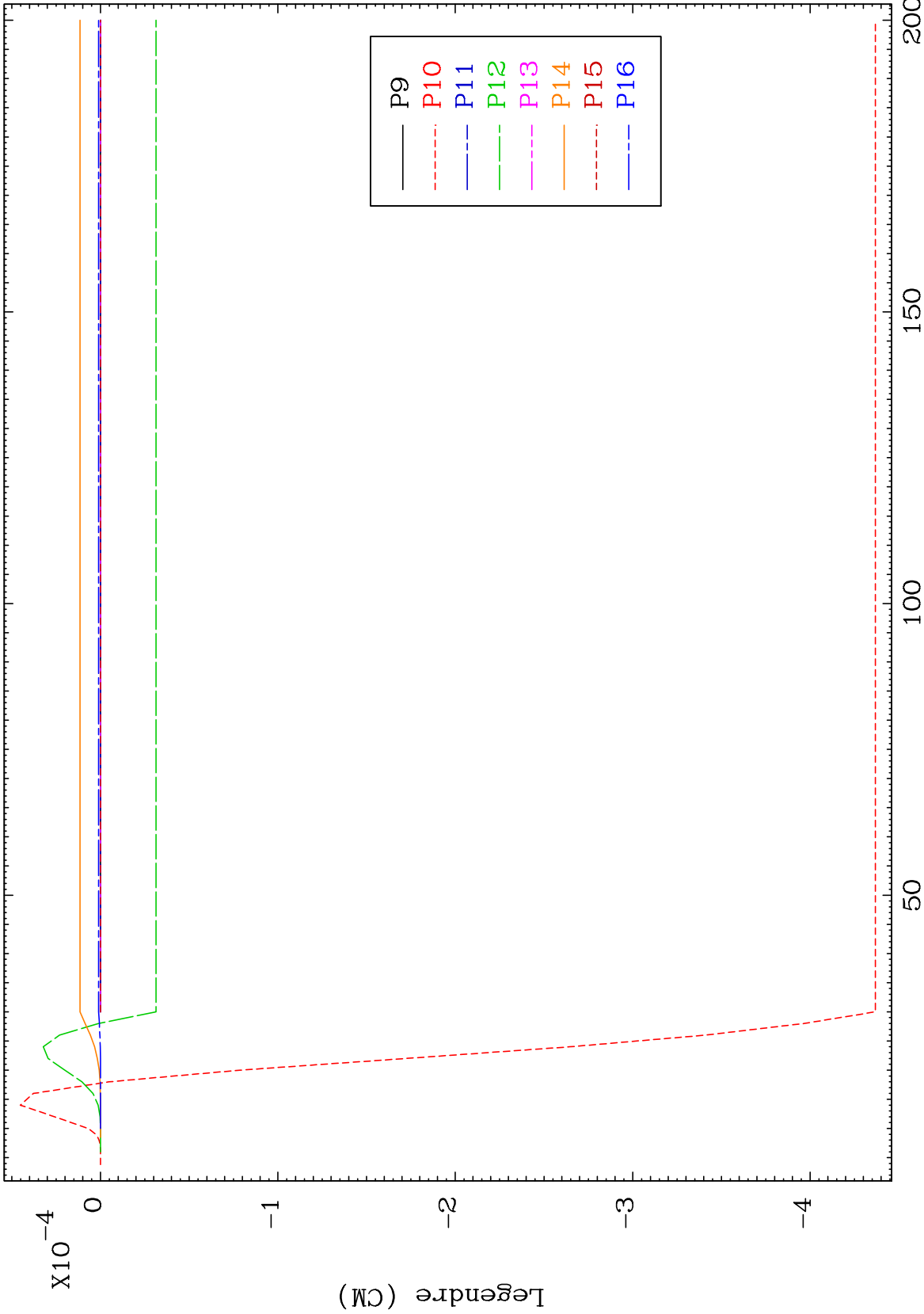
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

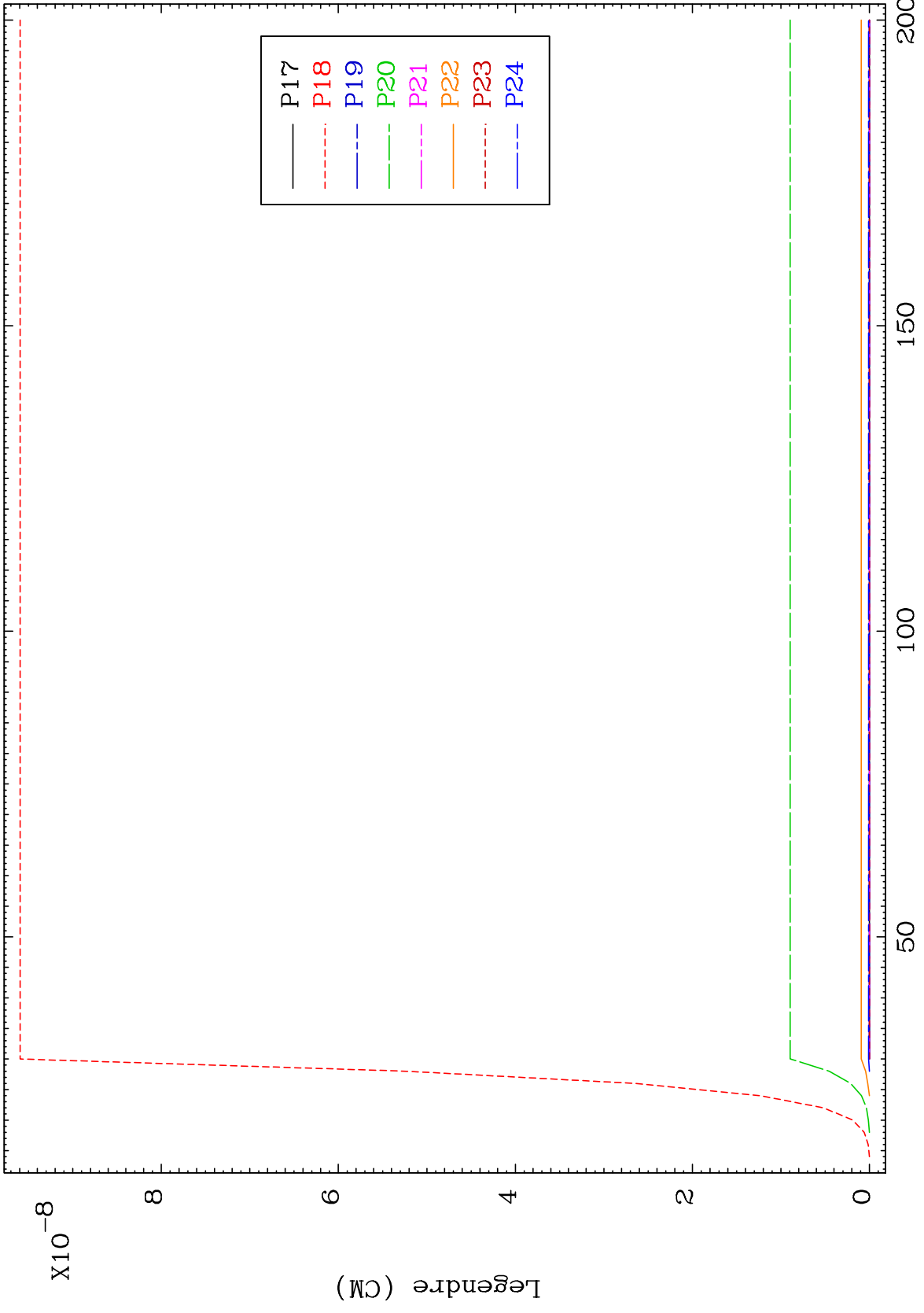


69

Incident Energy (MeV)

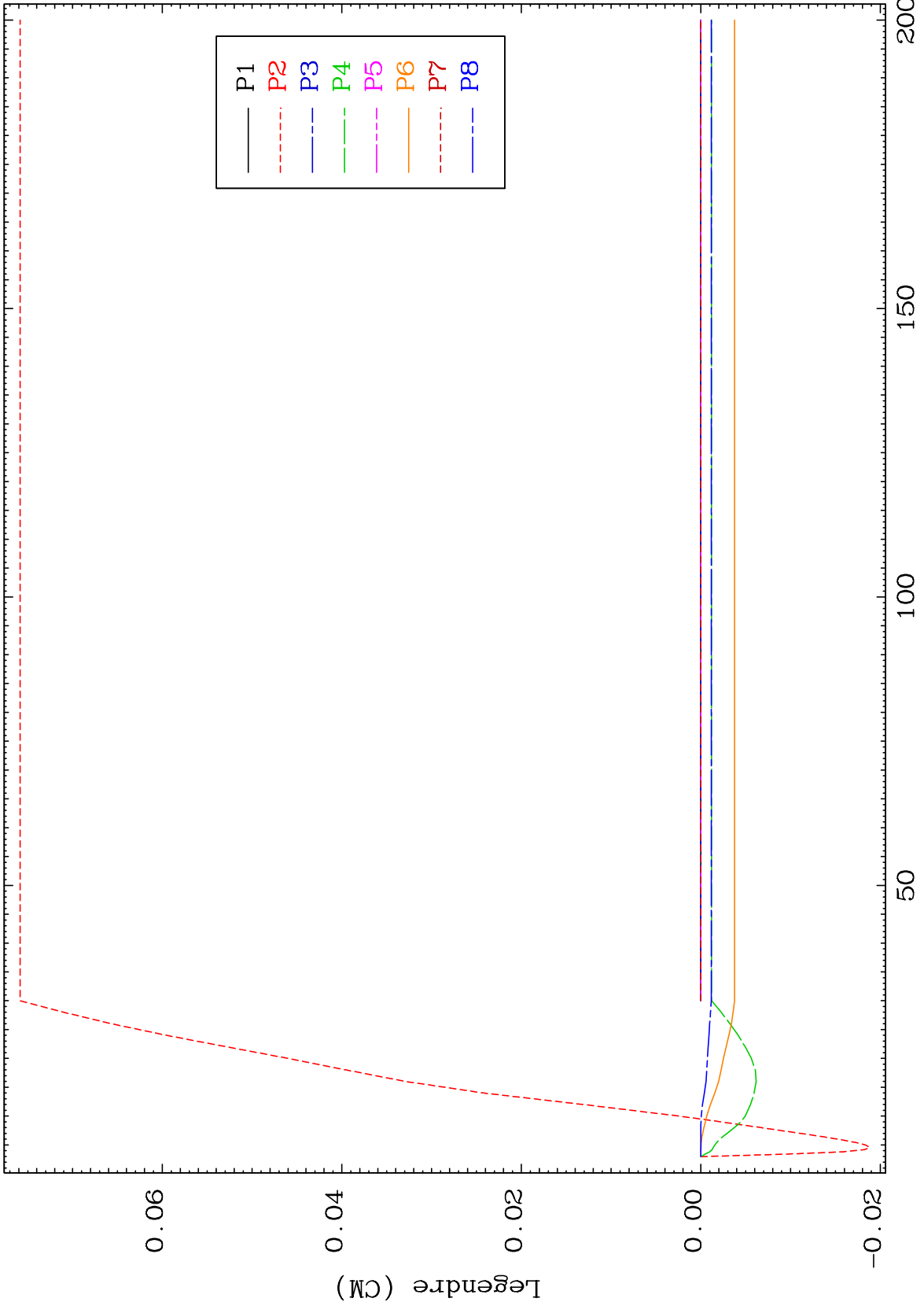
24-Cr-51

MAT 2428 MT= 68 (n,n') Level Legendre Coefficients 24-Cr-51



24-Cr-51

MAT 2428 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-51



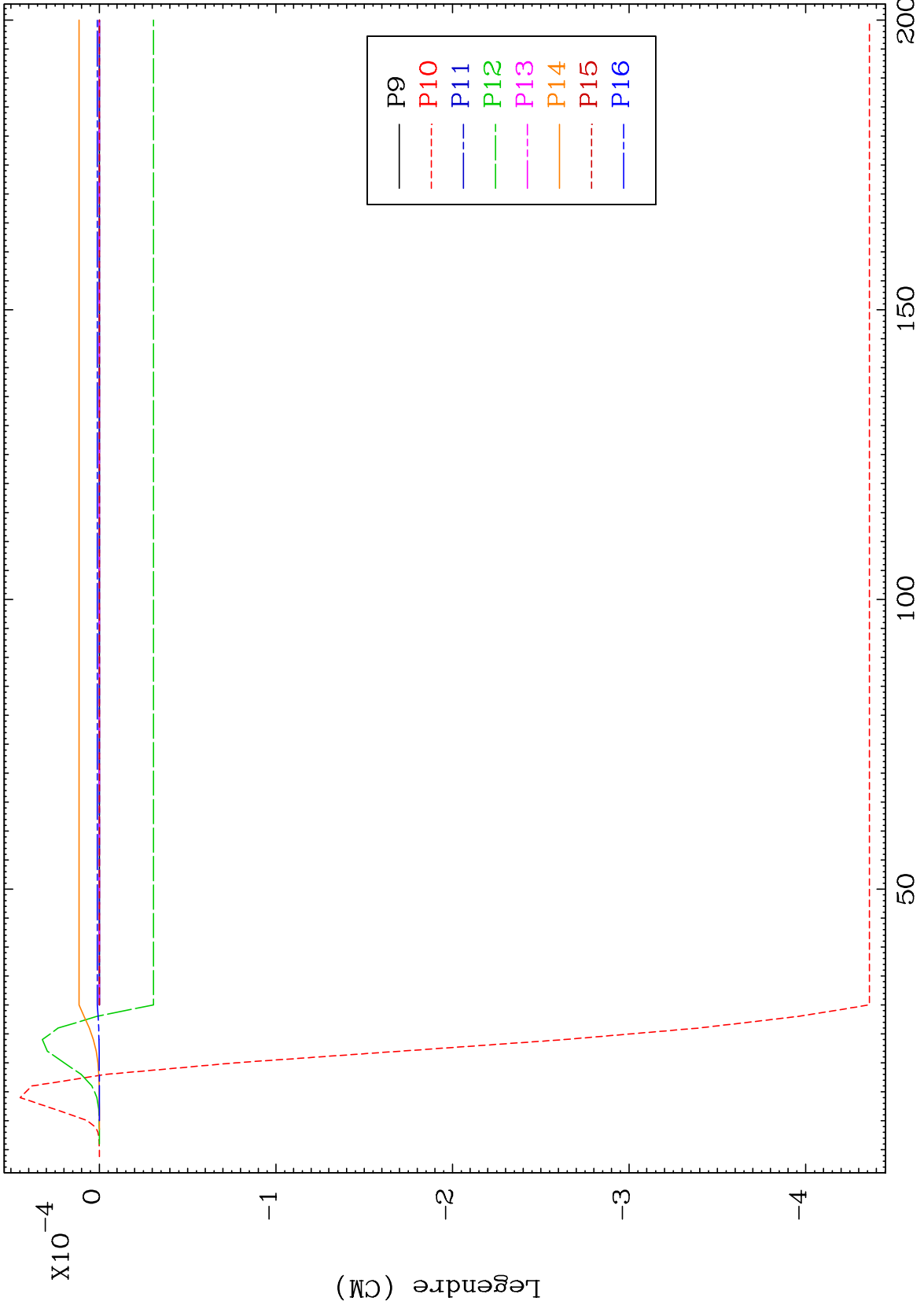
71 24-Cr-51



MAT 2428

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

24-Cr-51

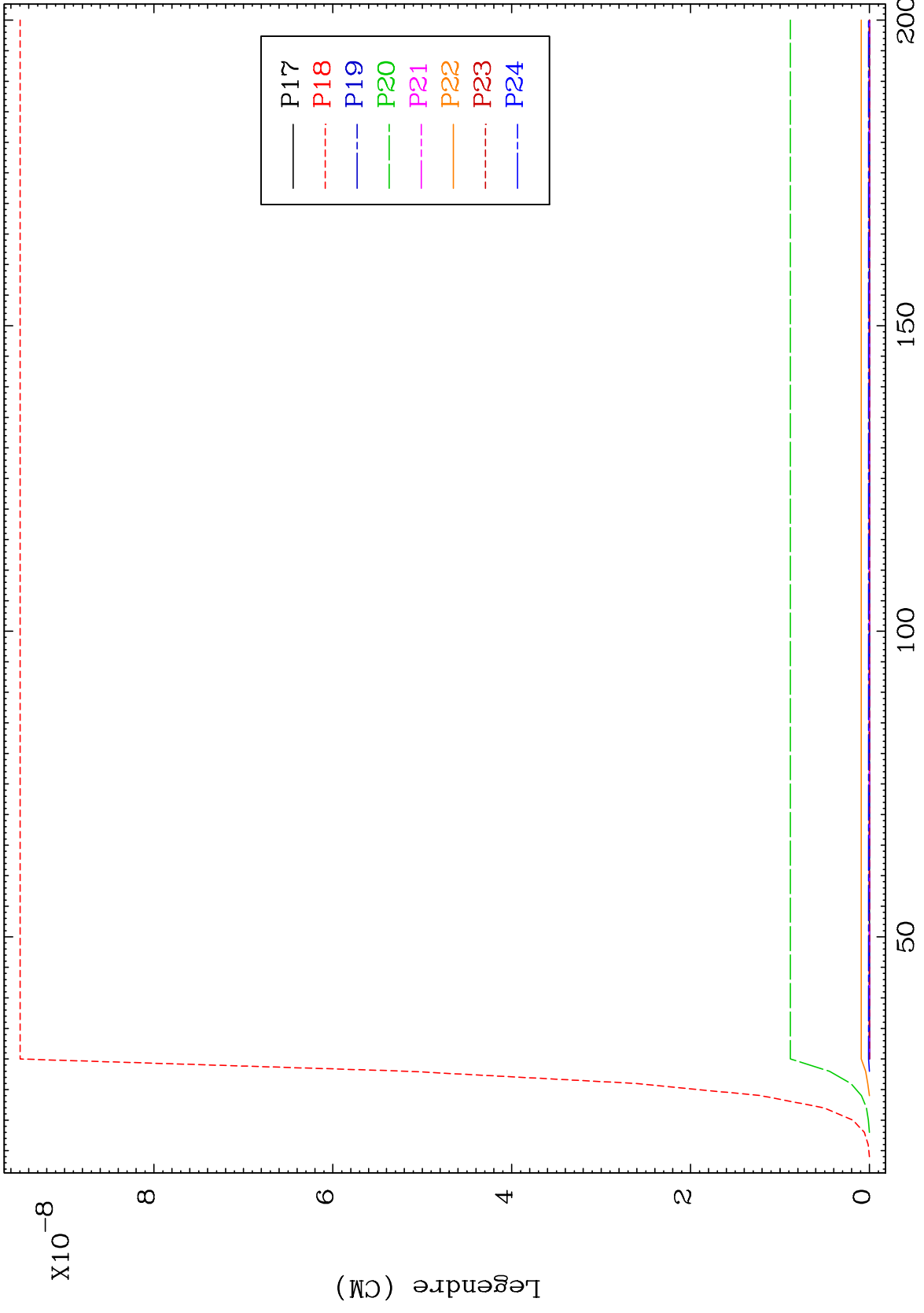


72

Incident Energy (MeV)

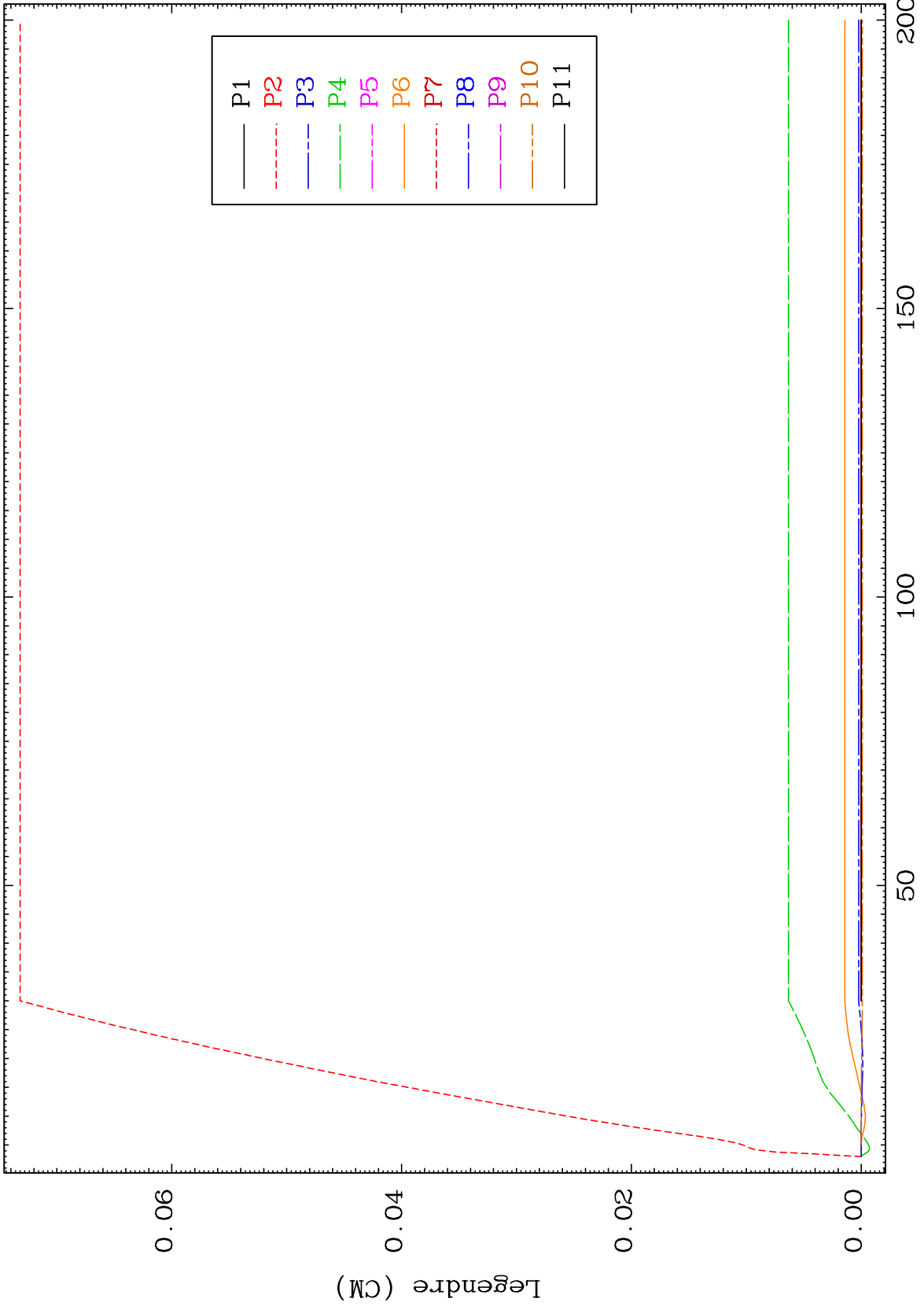
24-Cr-51

MAT 2428 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-51



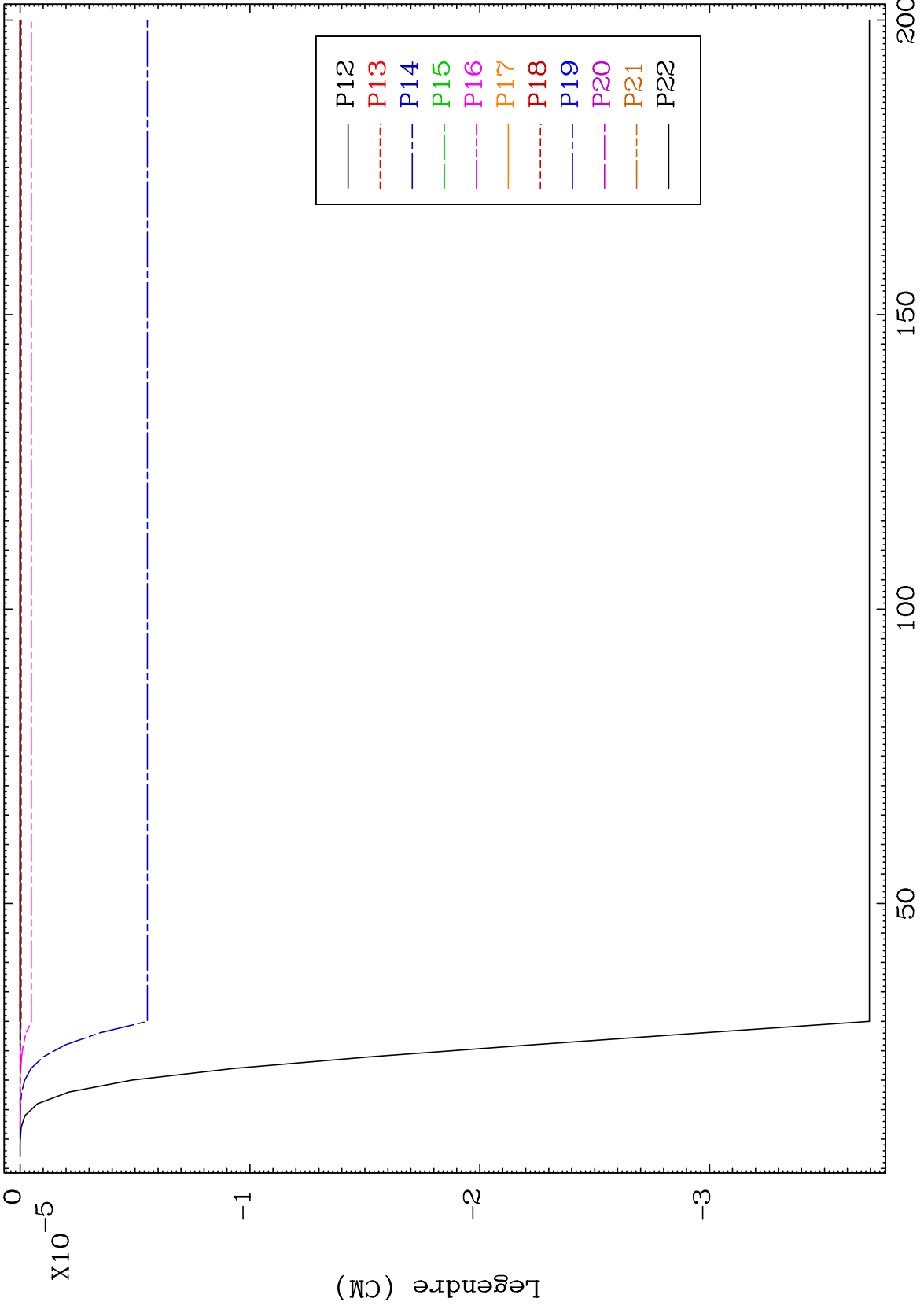
73 24-Cr-51

MAT 2428 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-51



74 Incident Energy (MeV) 24-Cr-51

MAT 2428 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-51

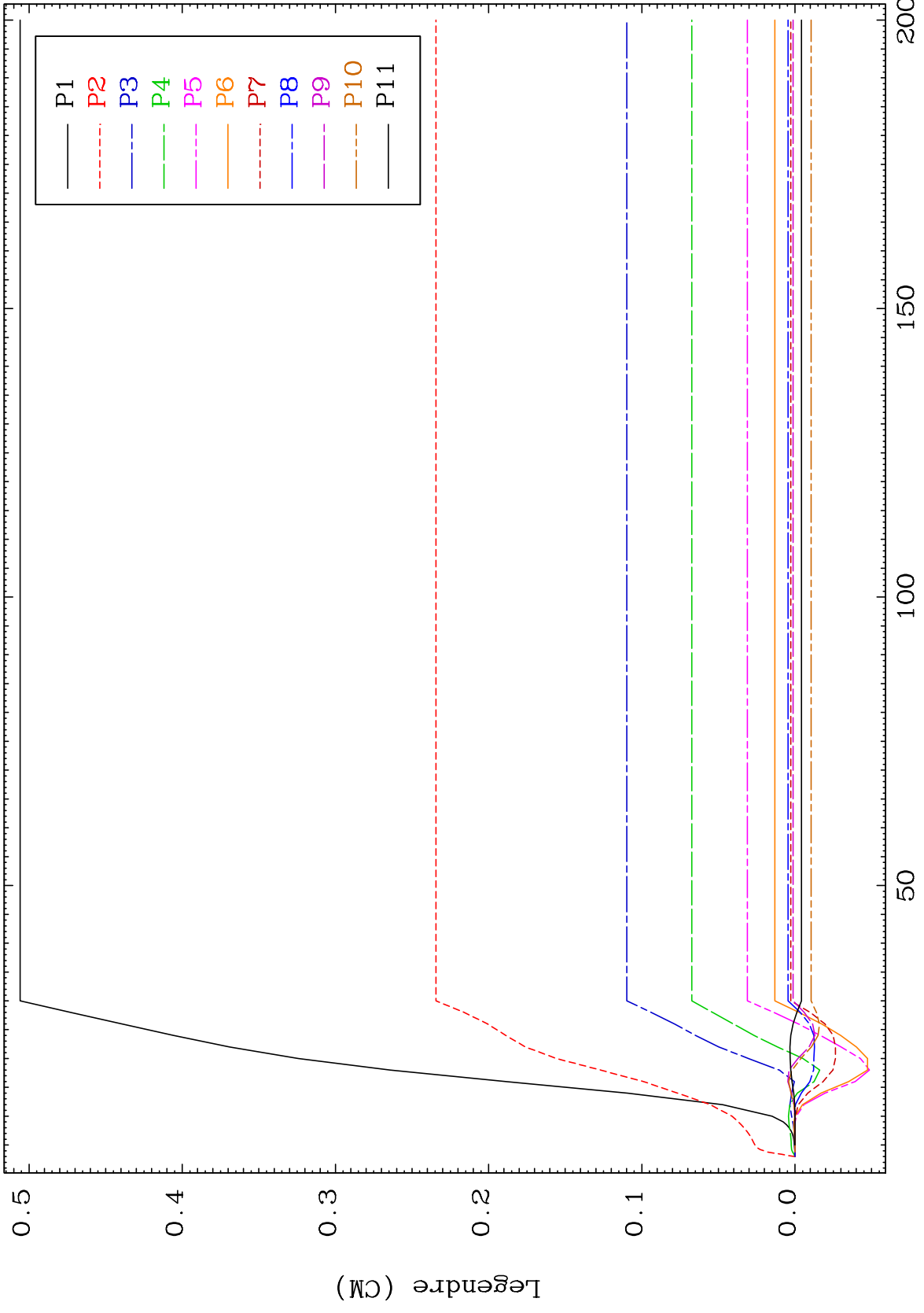


75 Incident Energy (MeV) 24-Cr-51

MAT 2428

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

24-Cr-51



76

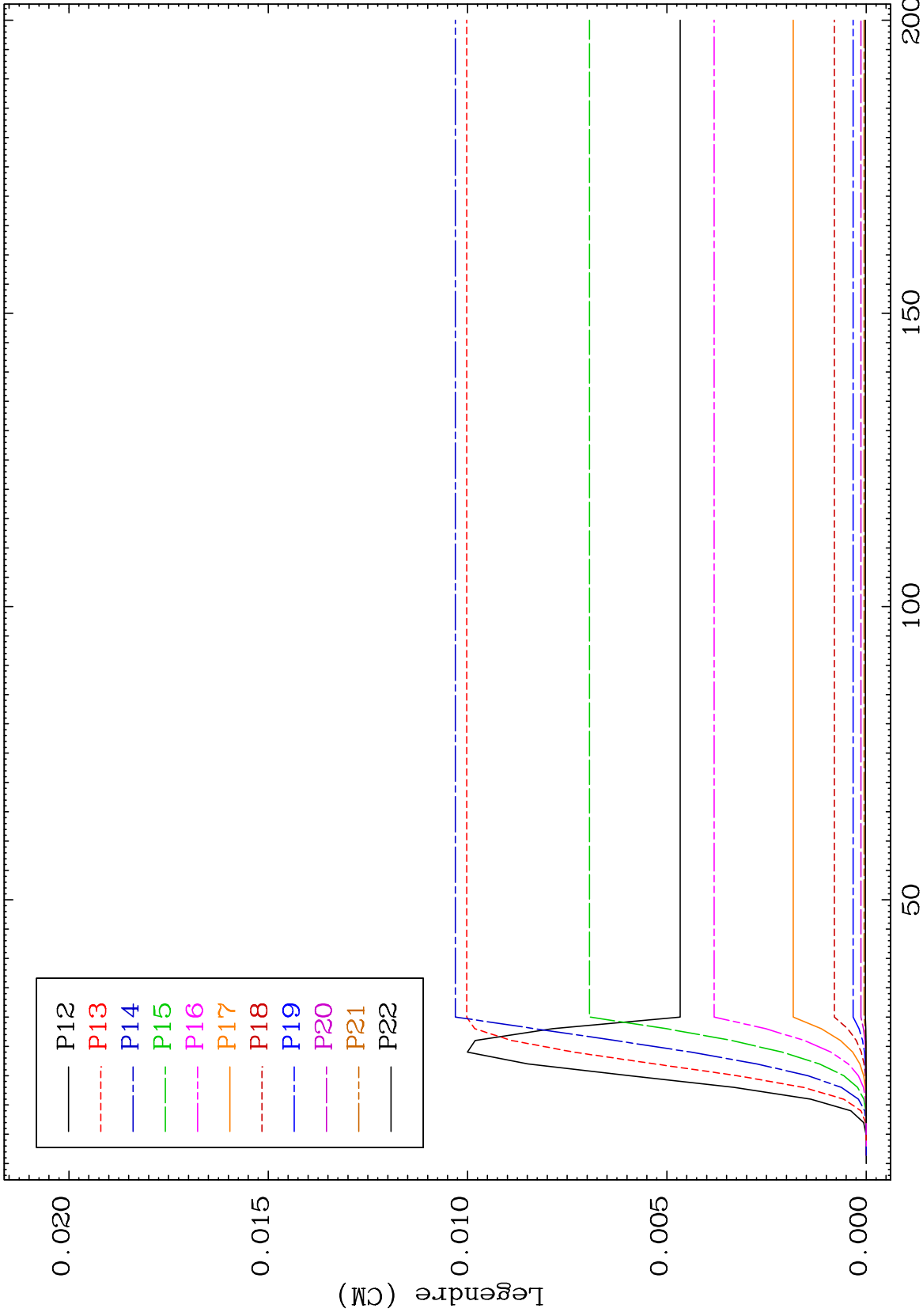
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



77

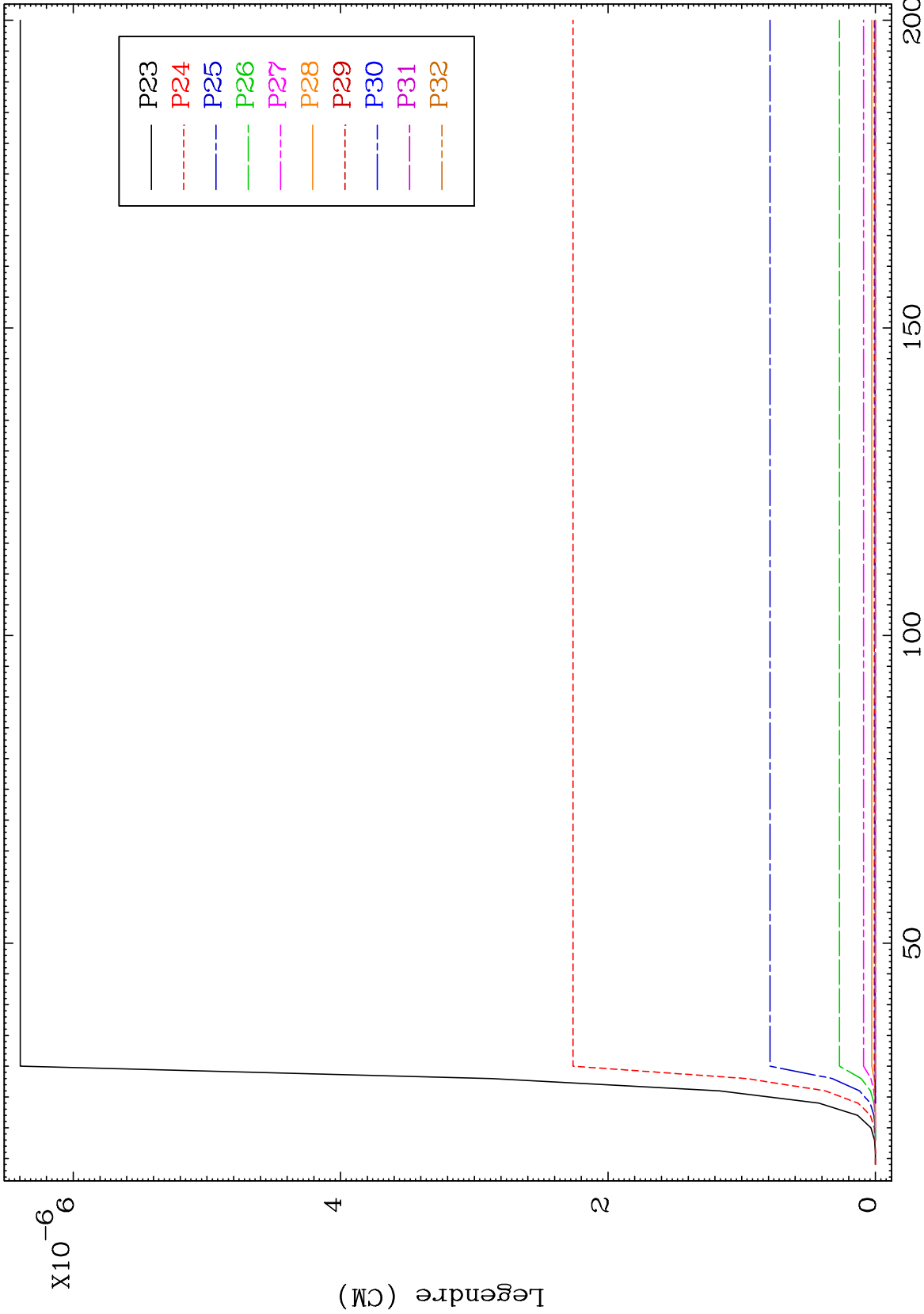
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



78

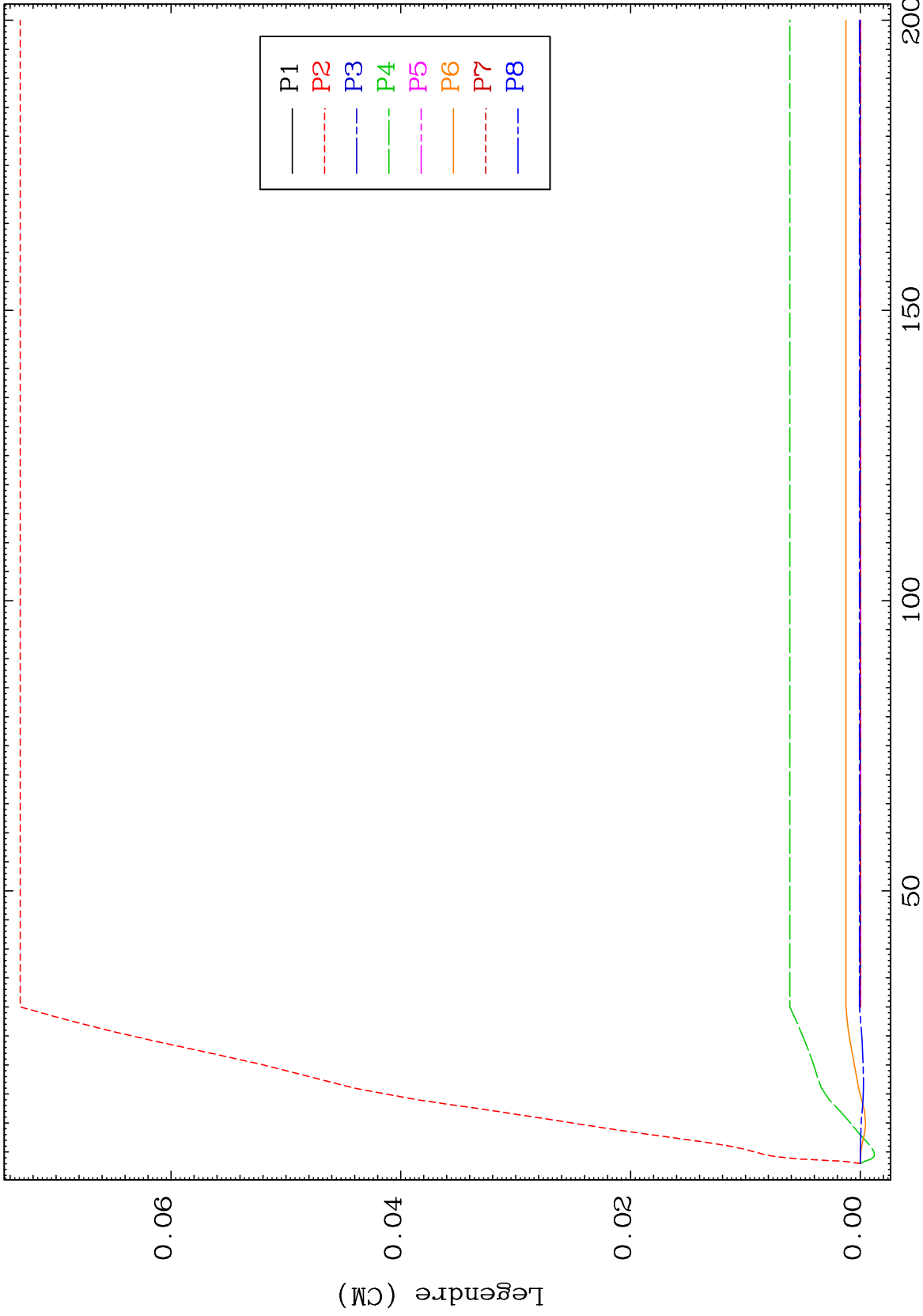
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



79

Incident Energy (MeV)

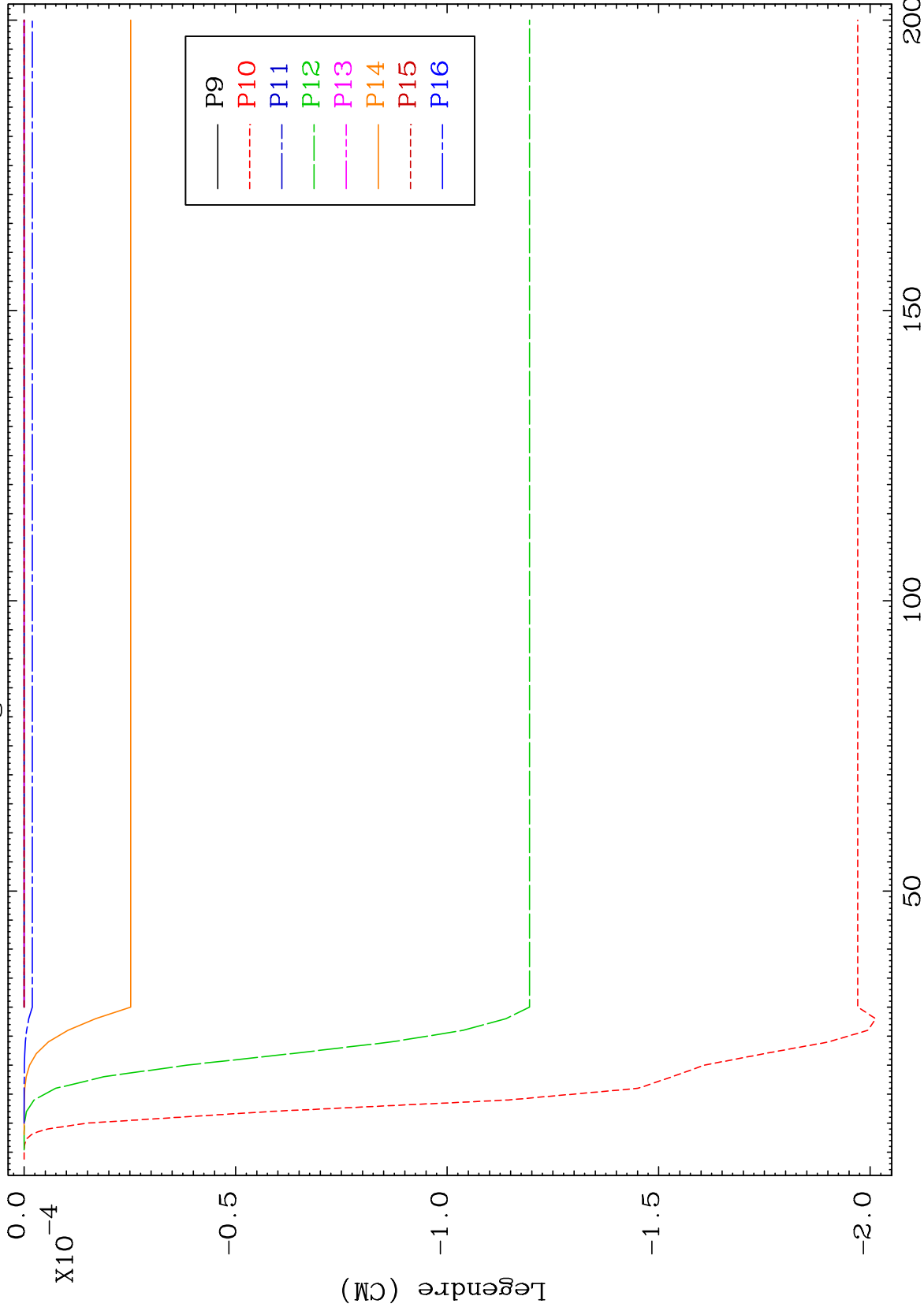
24-Cr-51



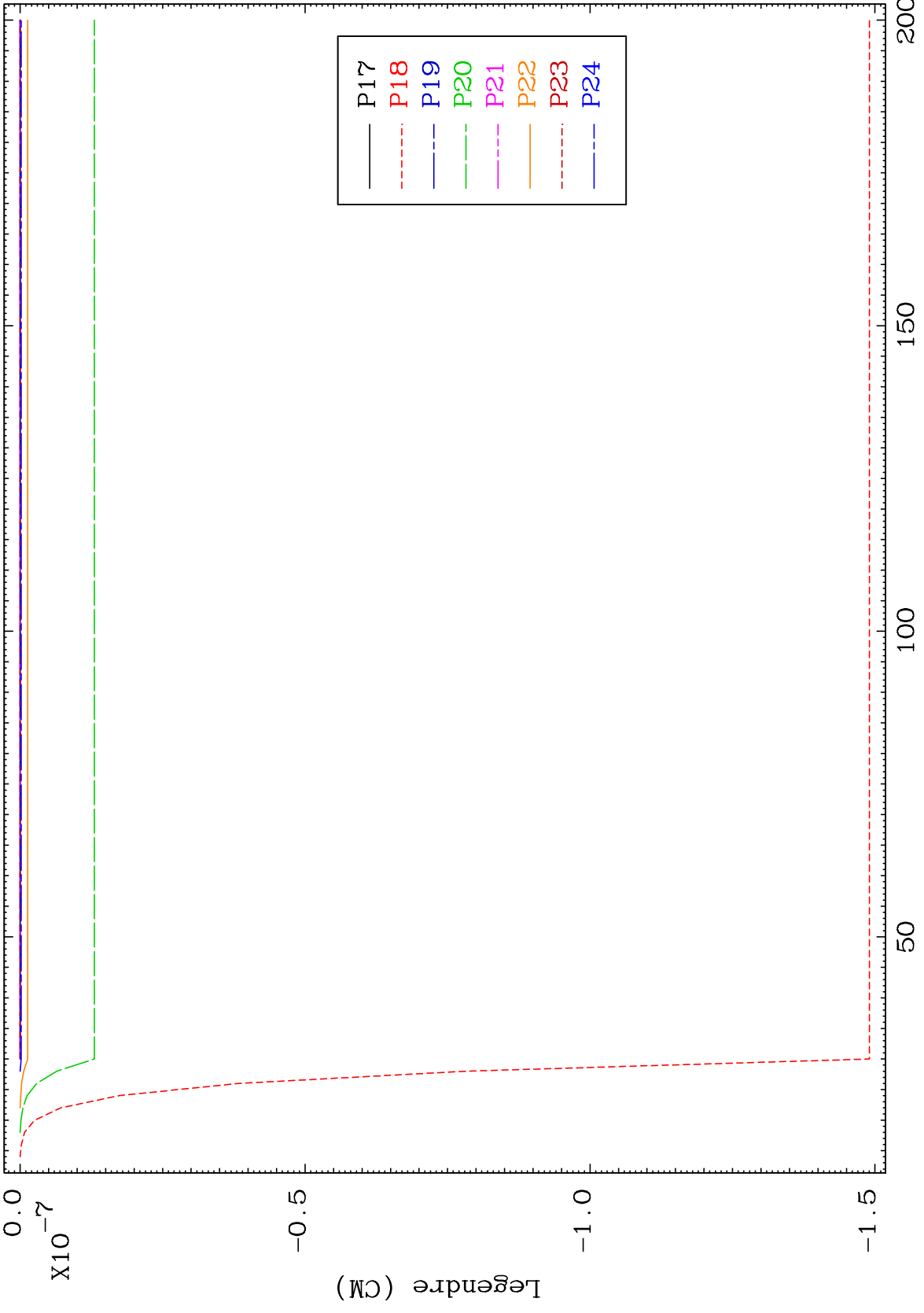
MAT 2428

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

24-Cr-51



MAT 2428 MT= 72 (n,n') Level Legendre Coefficients 24-Cr-51

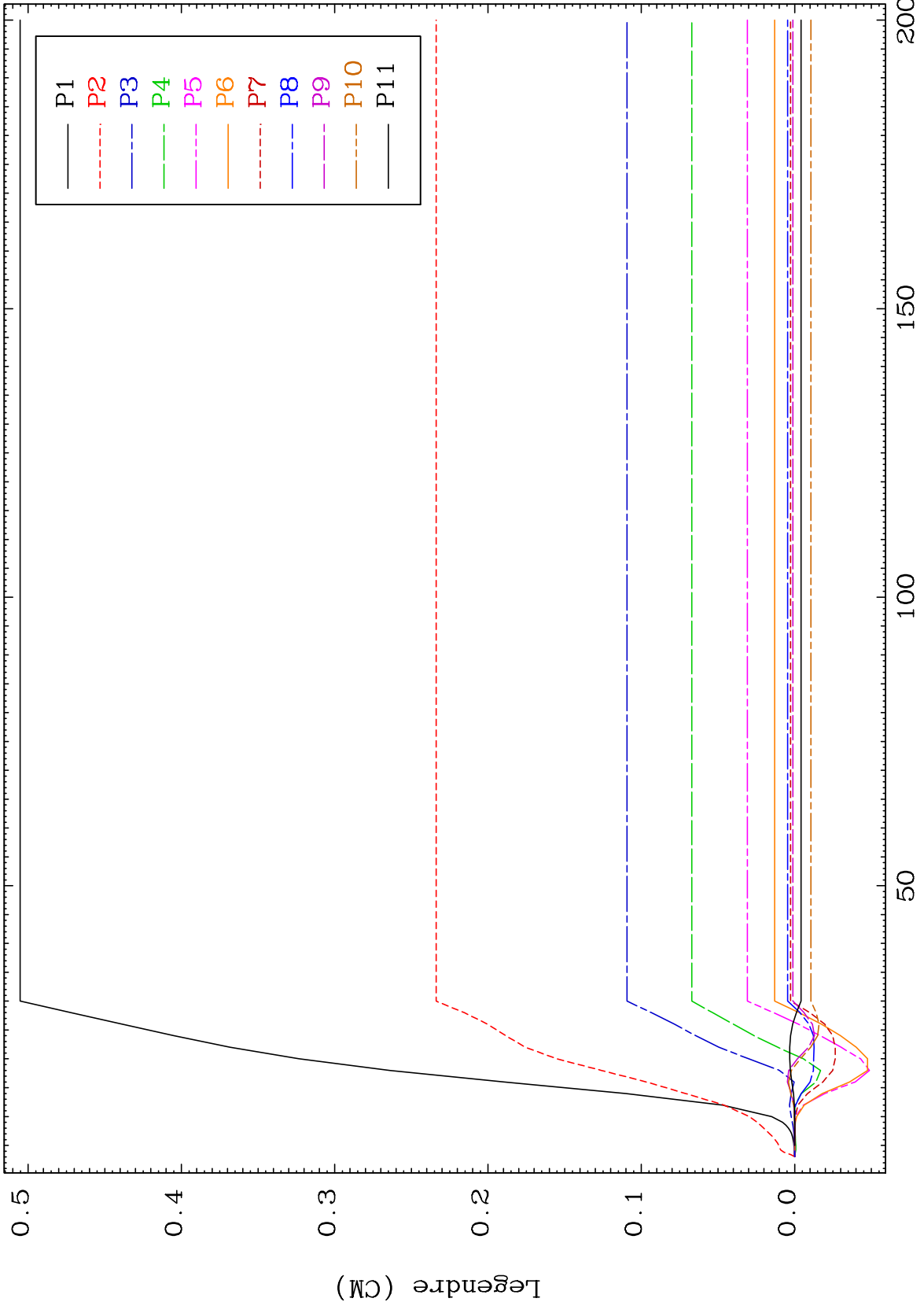


81 24-Cr-51

MAT 2428

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

24-Cr-51



82

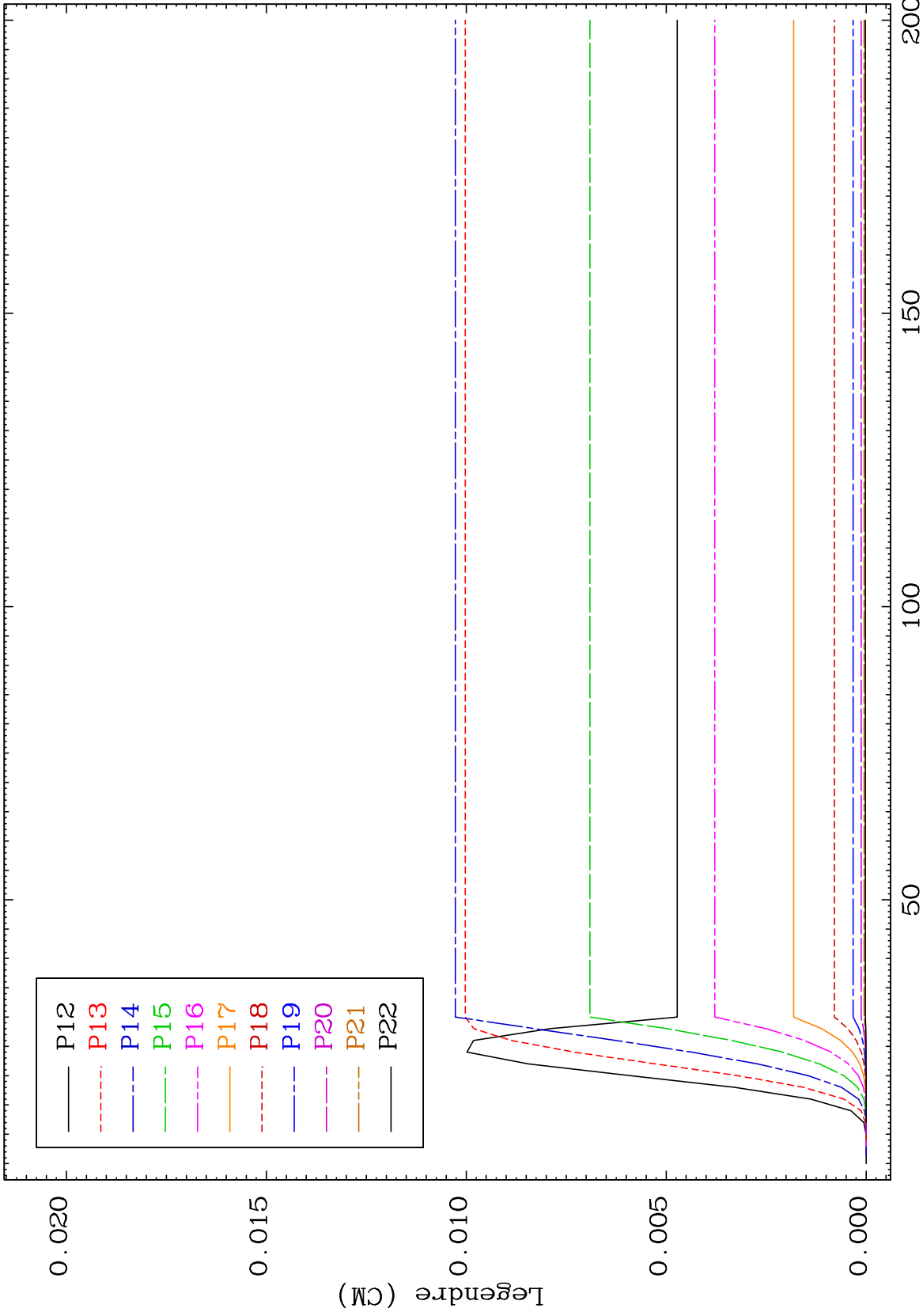
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



83

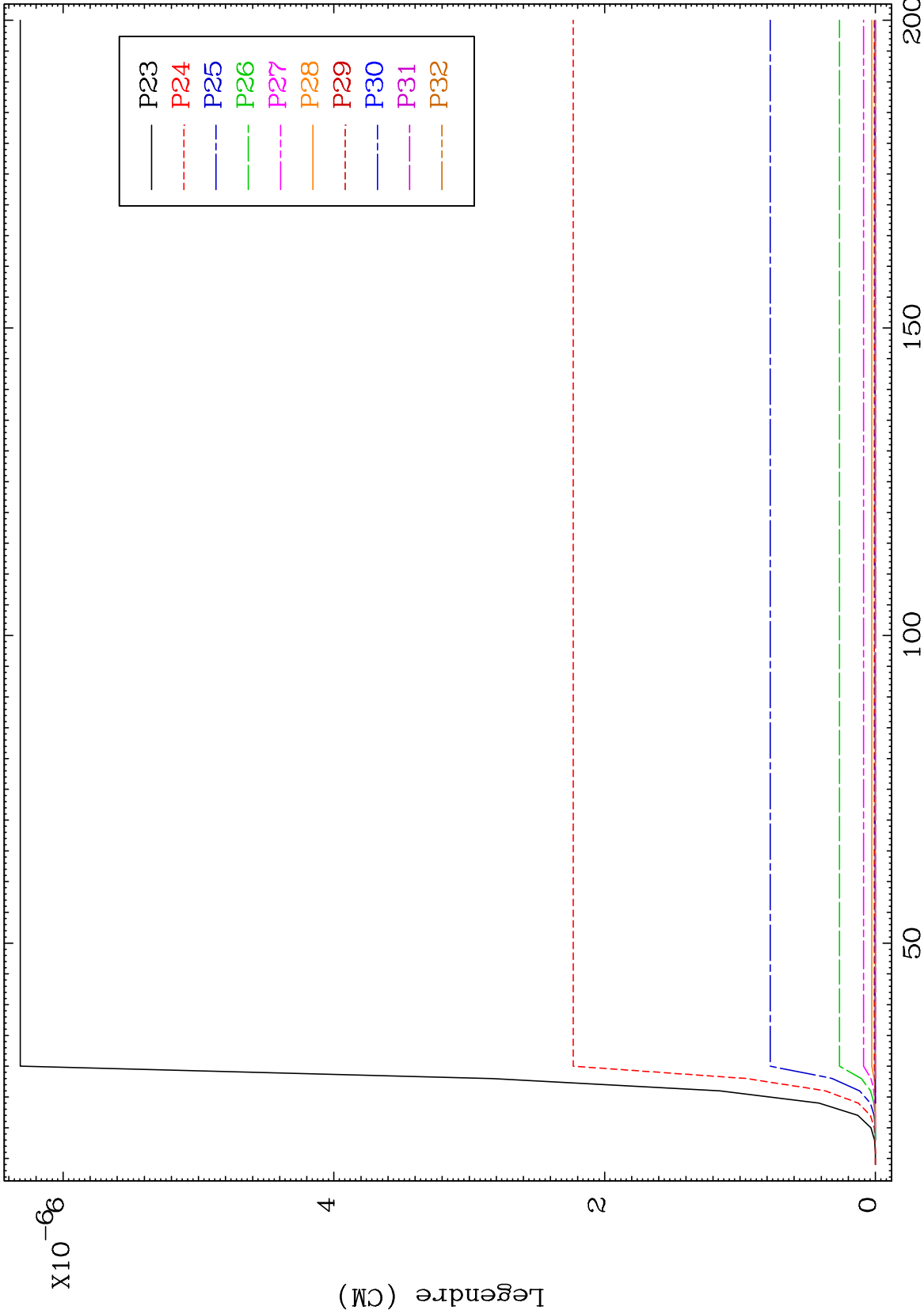
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

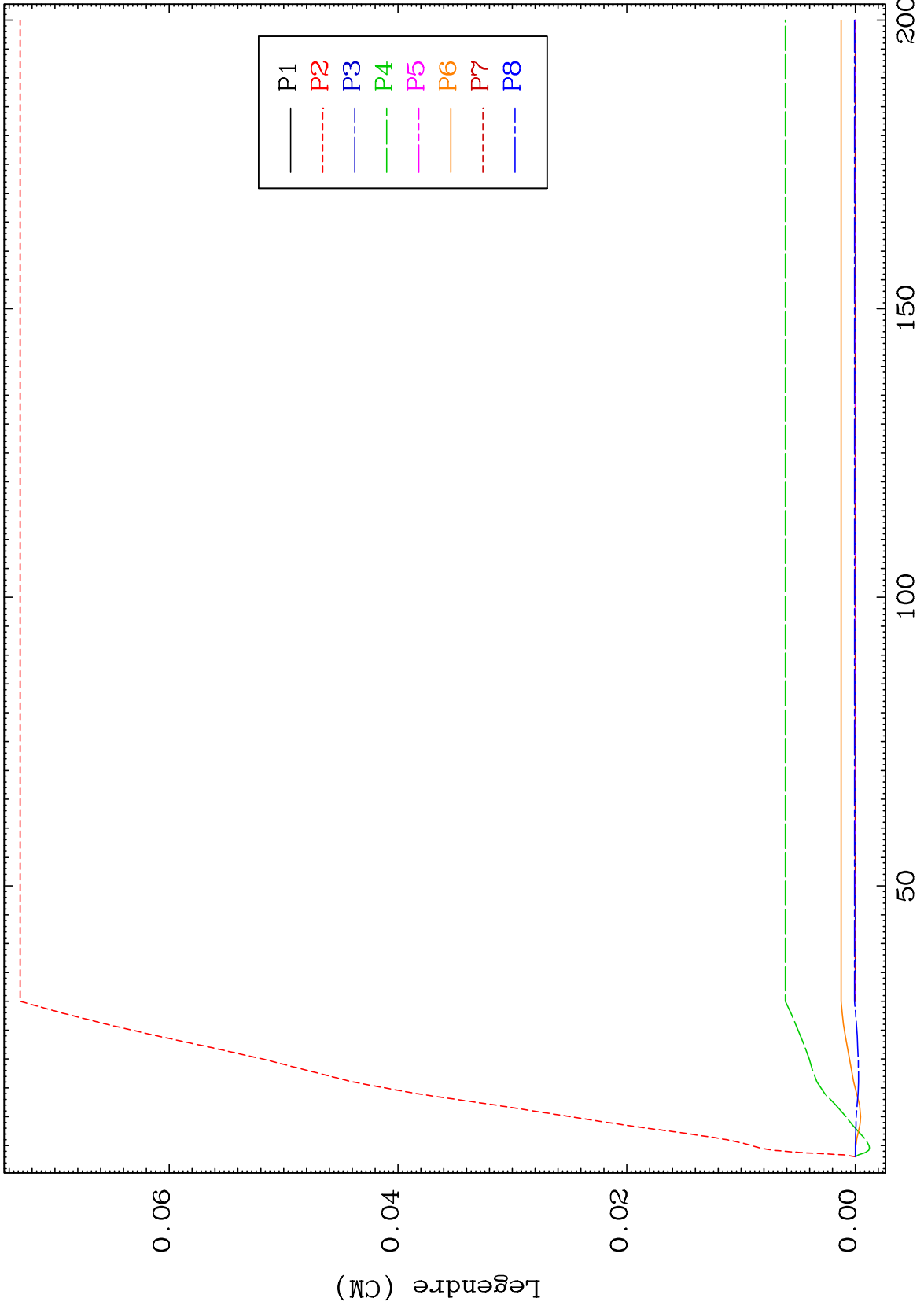


84

Incident Energy (MeV)

24-Cr-51

MAT 2428 MT= 74 (n,n') Level Legendre Coefficients 24-Cr-51

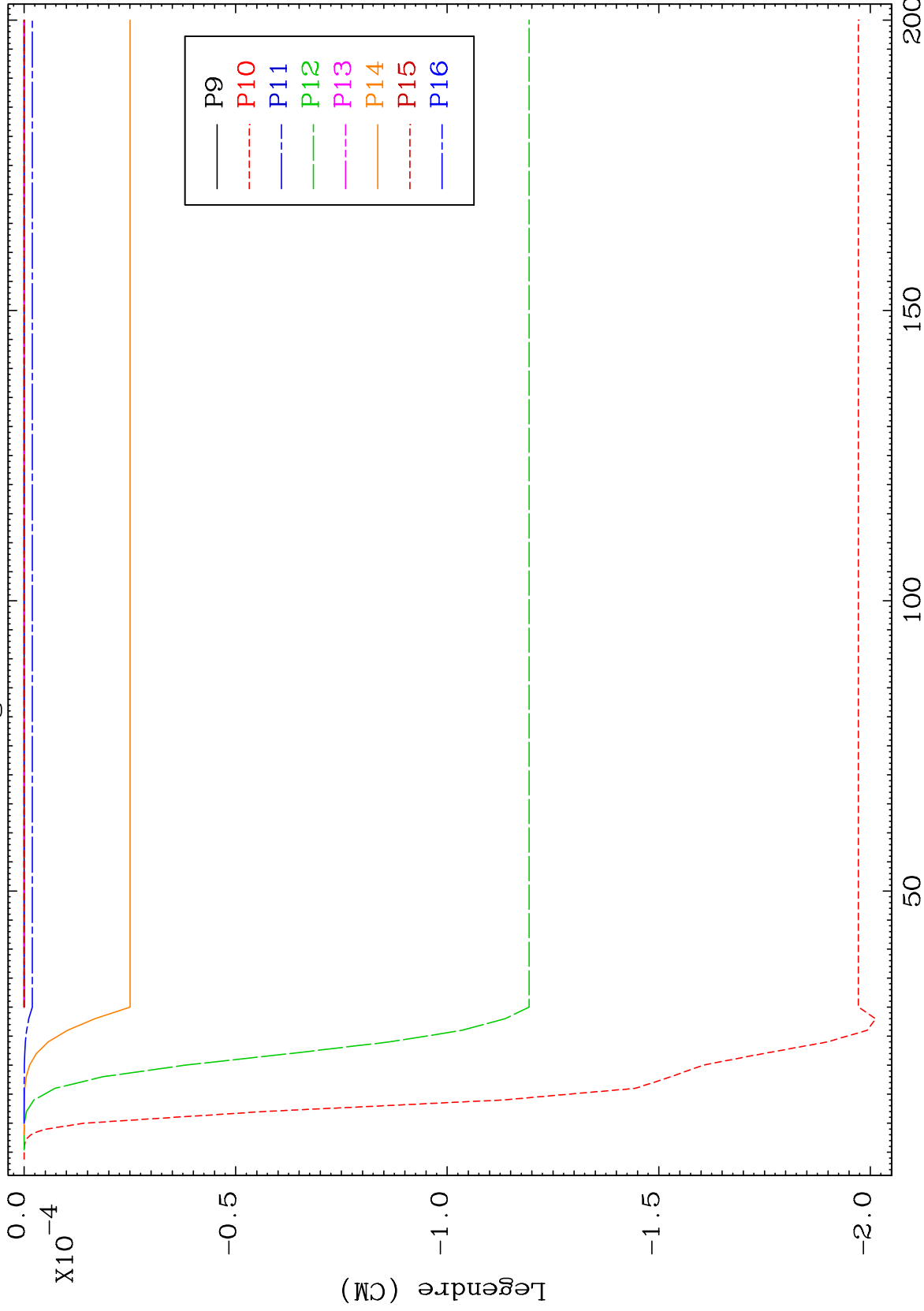


85 Incident Energy (MeV) 200 24-Cr-51

MAT 2428

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

24-Cr-51

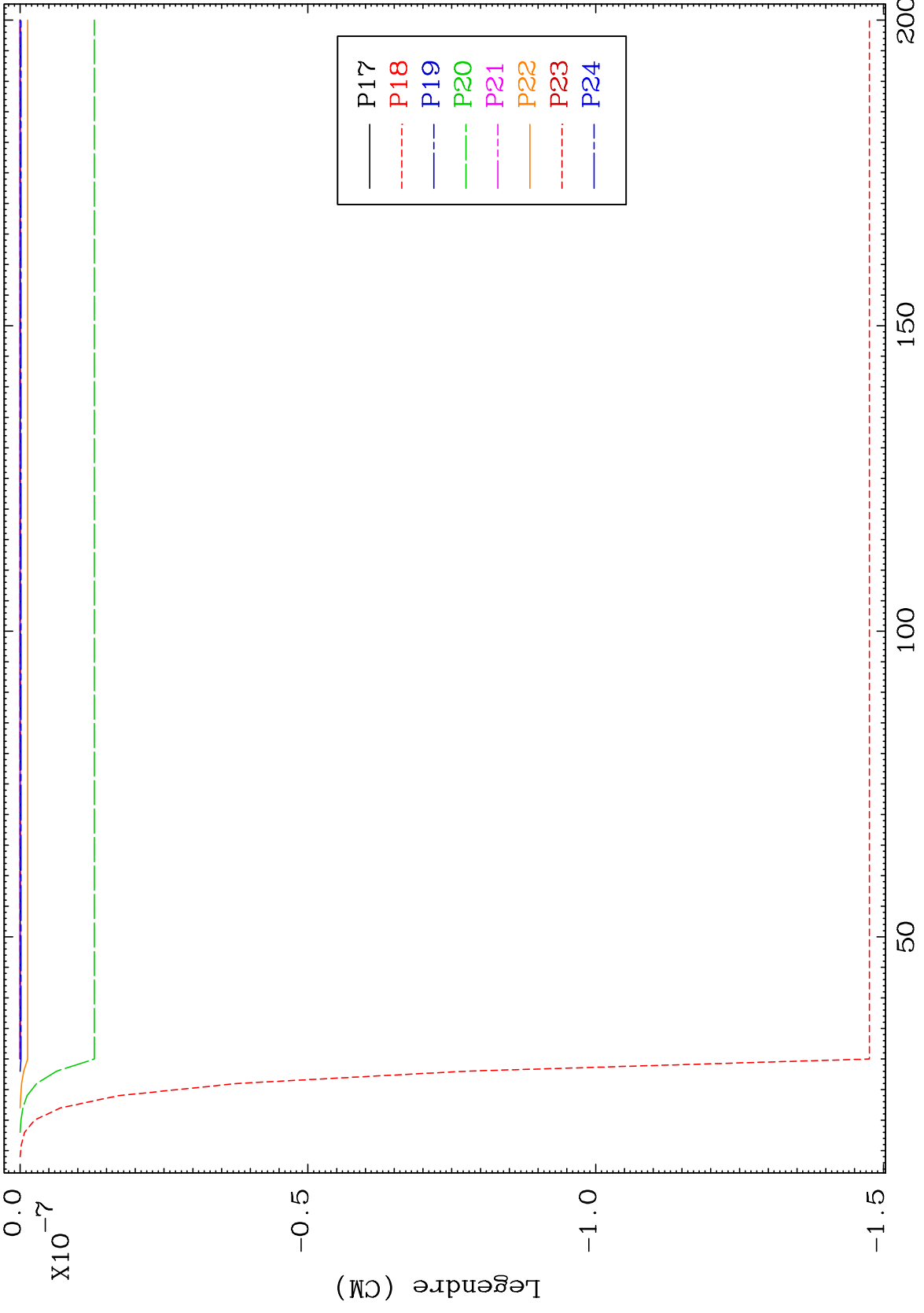


86

Incident Energy (MeV)

24-Cr-51

MAT 2428 MT= 74 (n,n') Level Legendre Coefficients 24-Cr-51



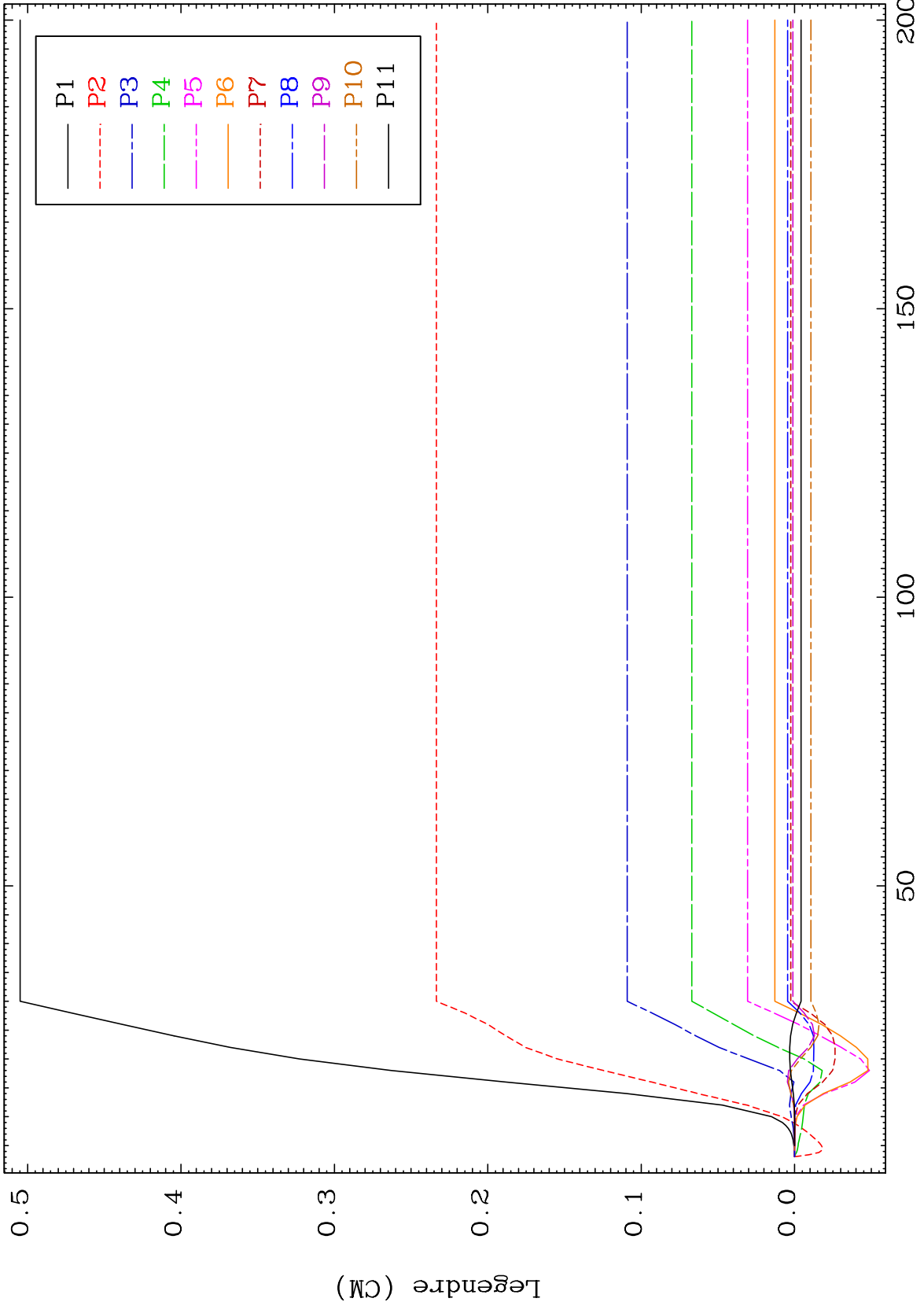
87 24-Cr-51



MAT 2428

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

24-Cr-51



88

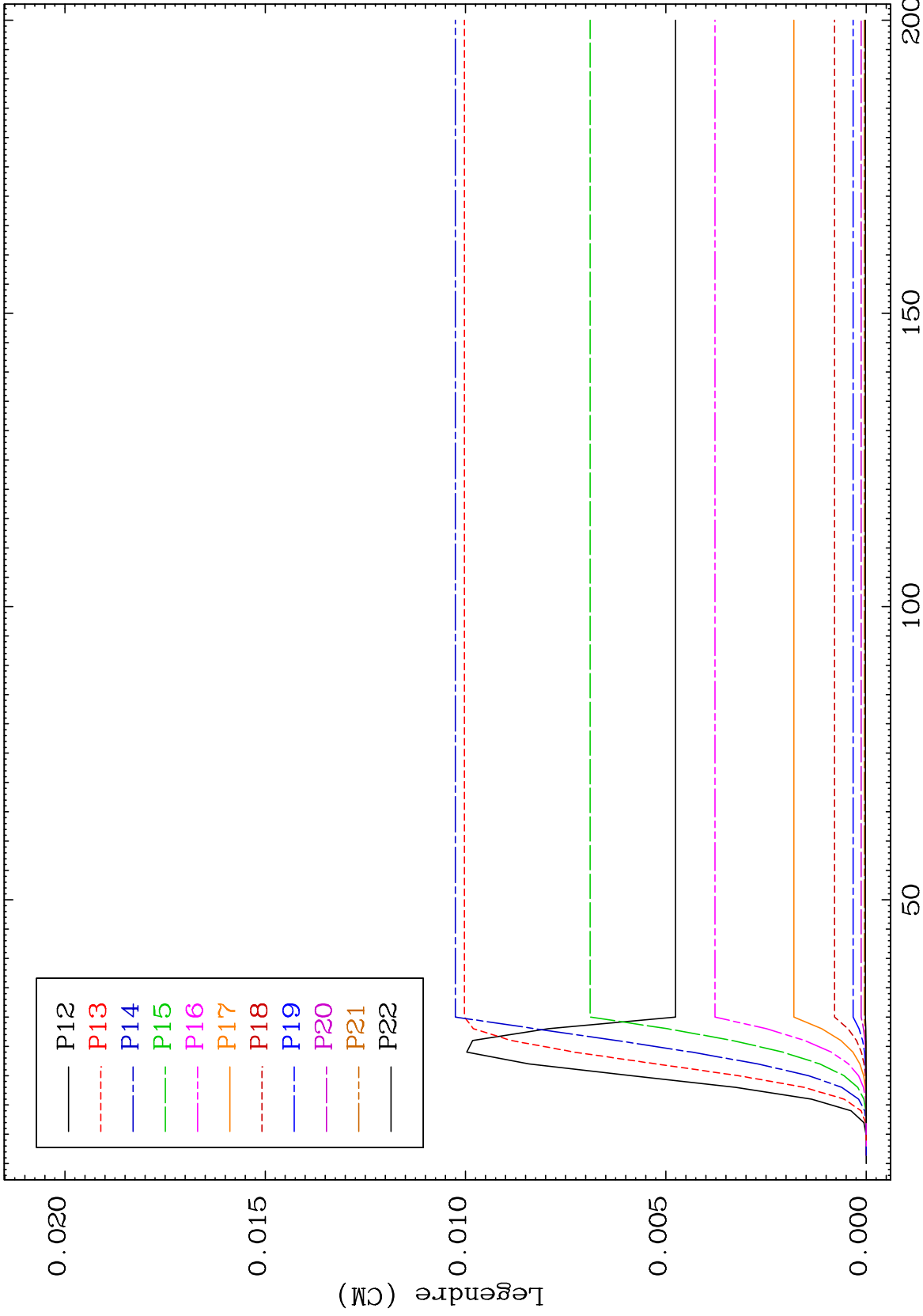
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

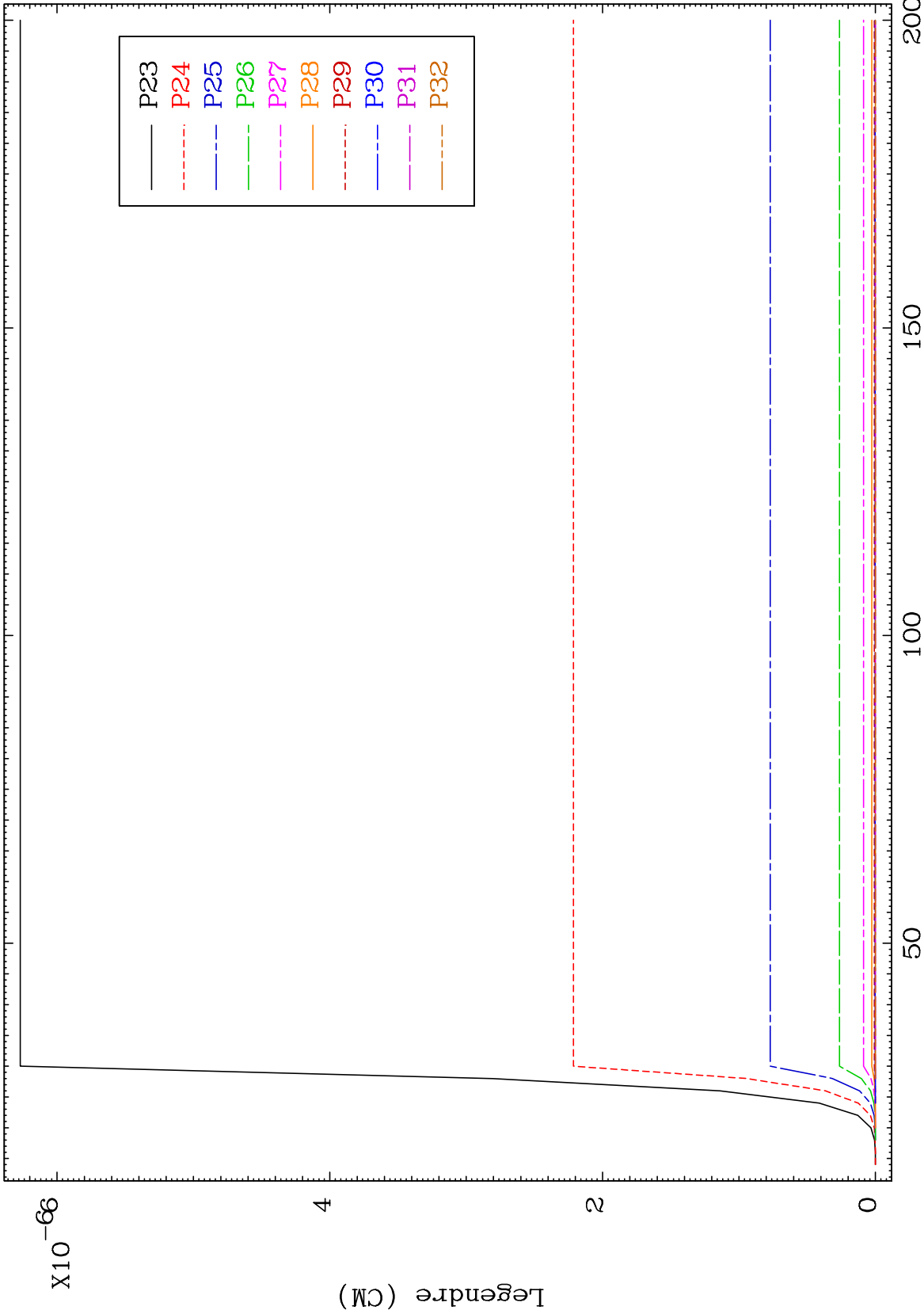
24-Cr-51



MAT 2428

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

24-Cr-51



90

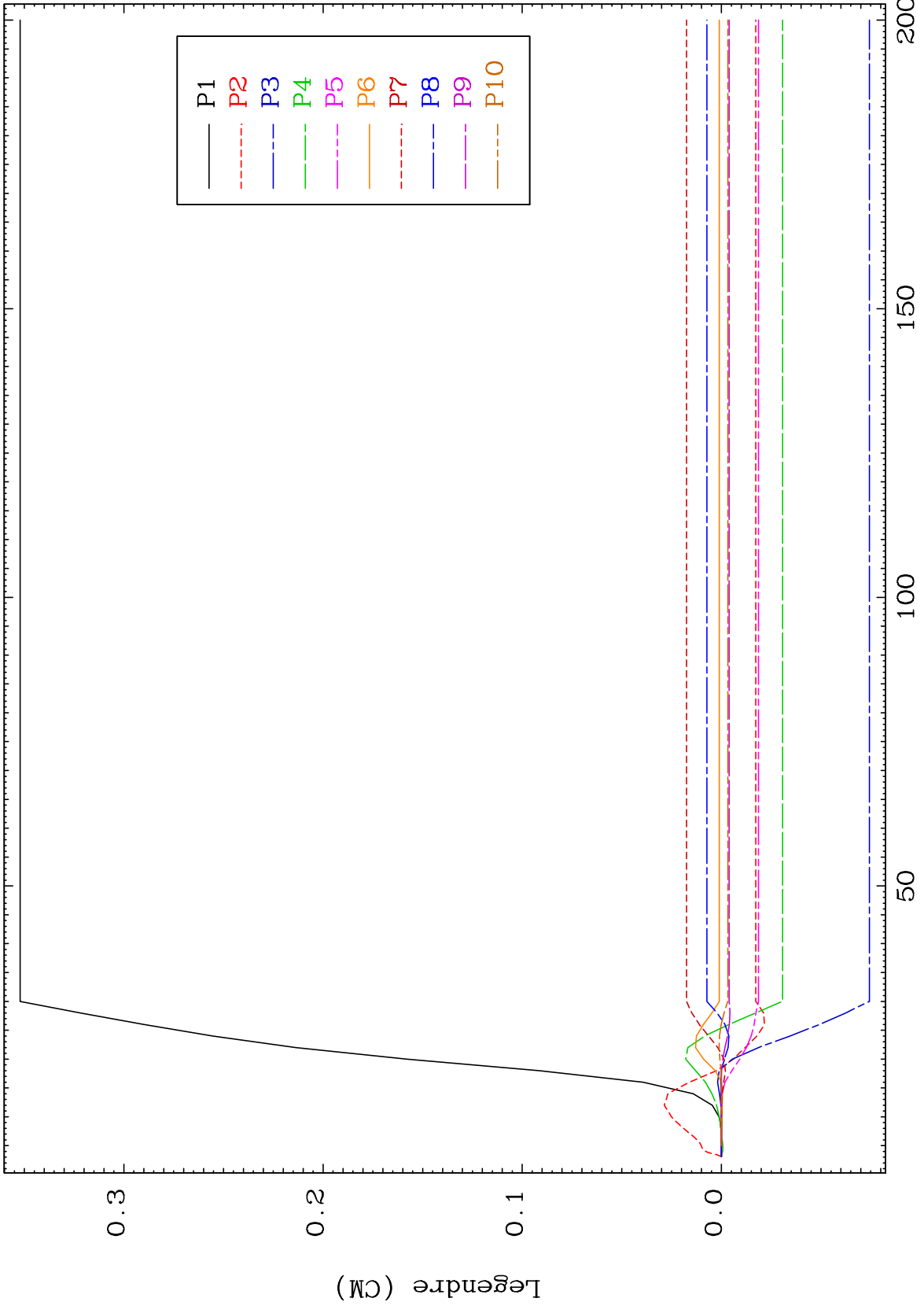
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

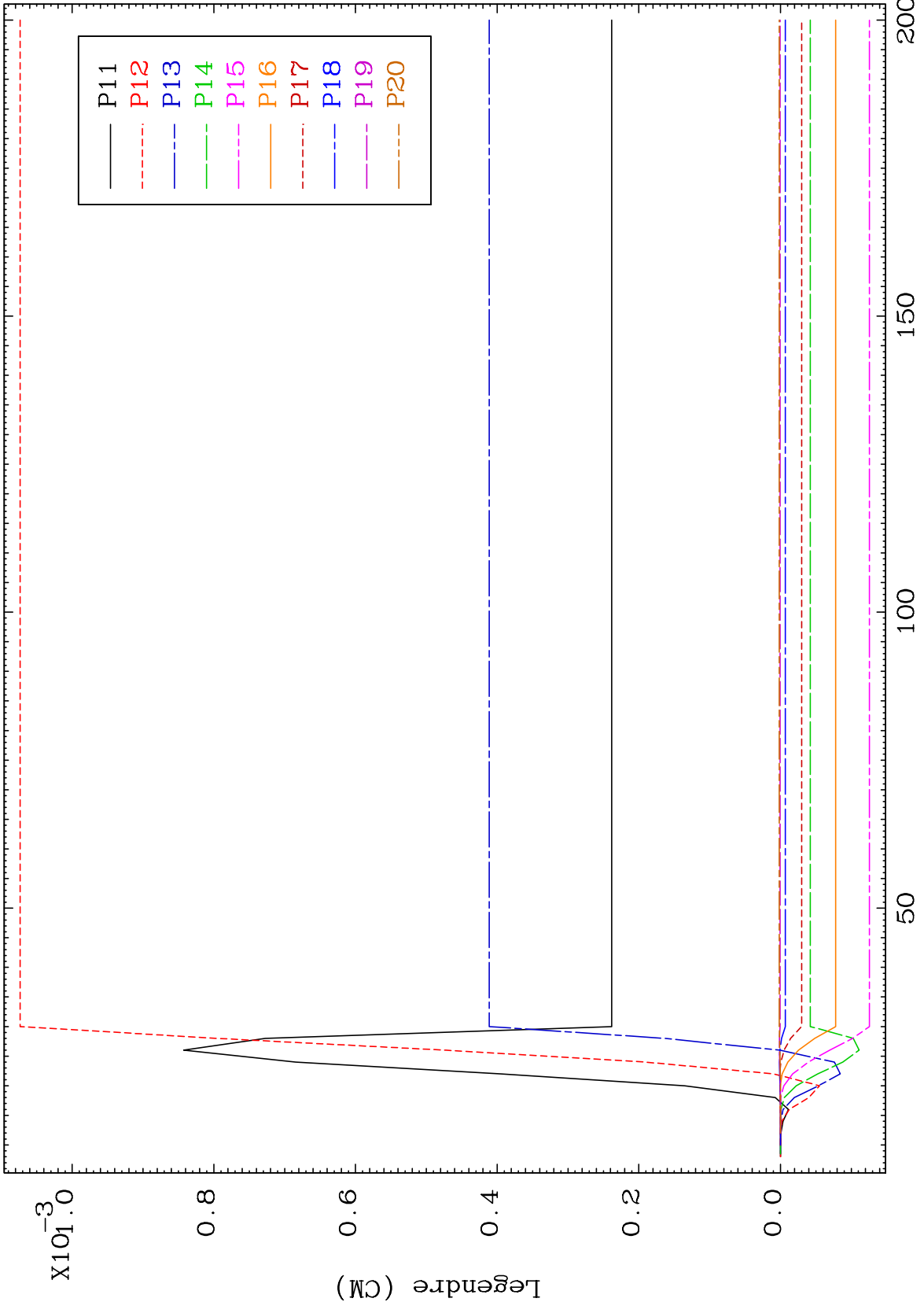


91

Incident Energy (MeV)

24-Cr-51

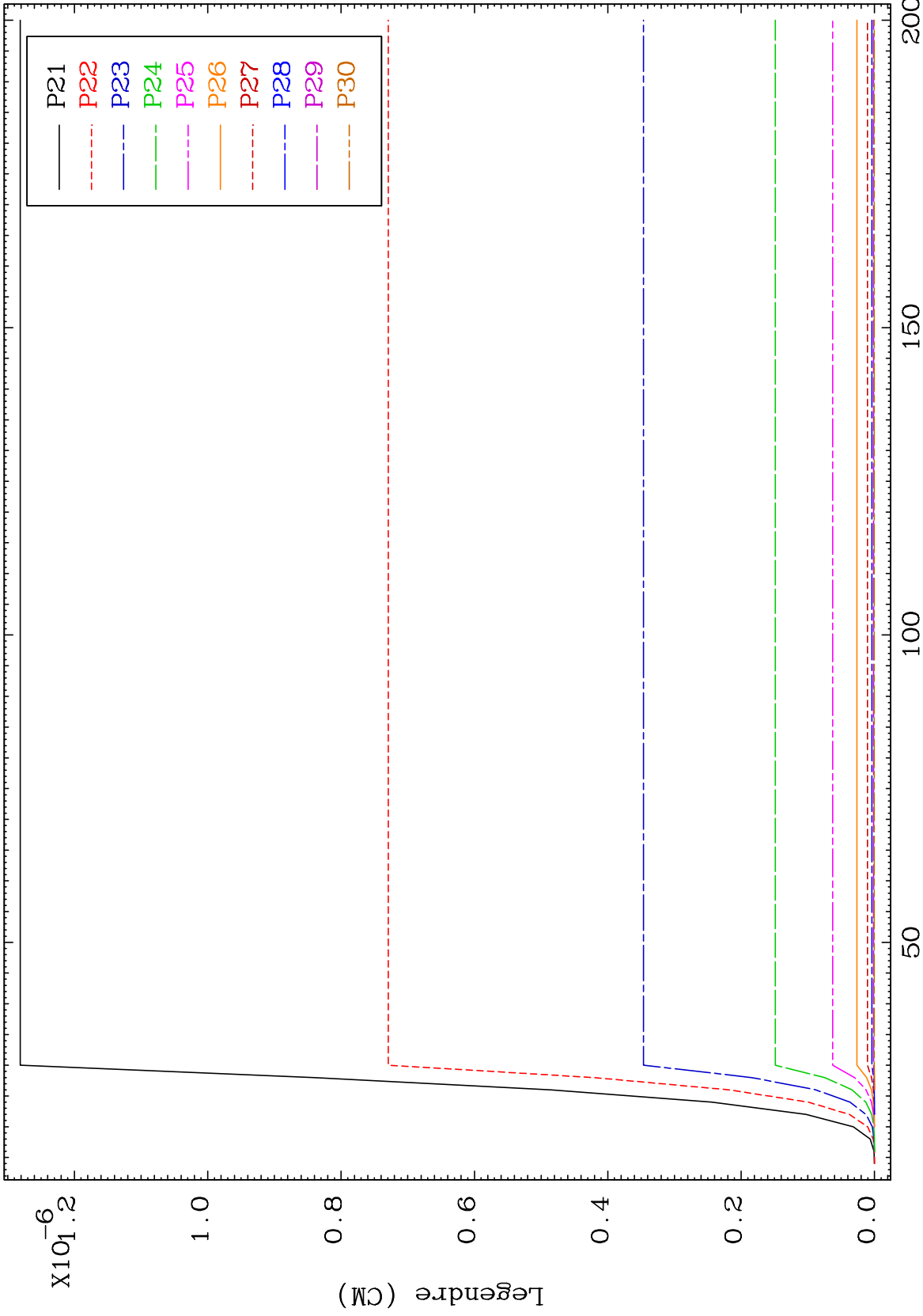
MAT 2428 MT= 76 (n,n') Level Legendre Coefficients 24-Cr-51



MAT 2428

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

24-Cr-51



93

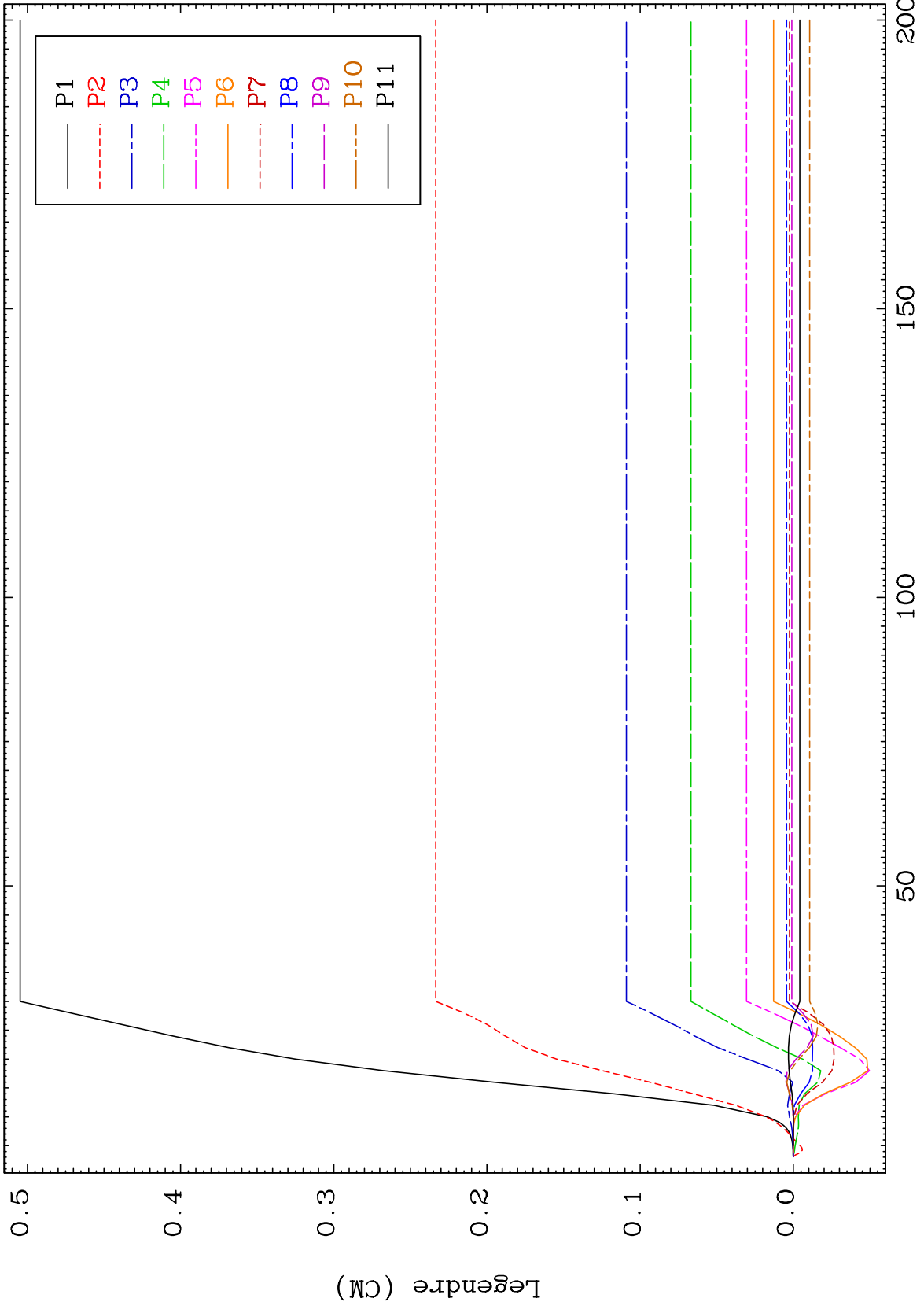
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



94

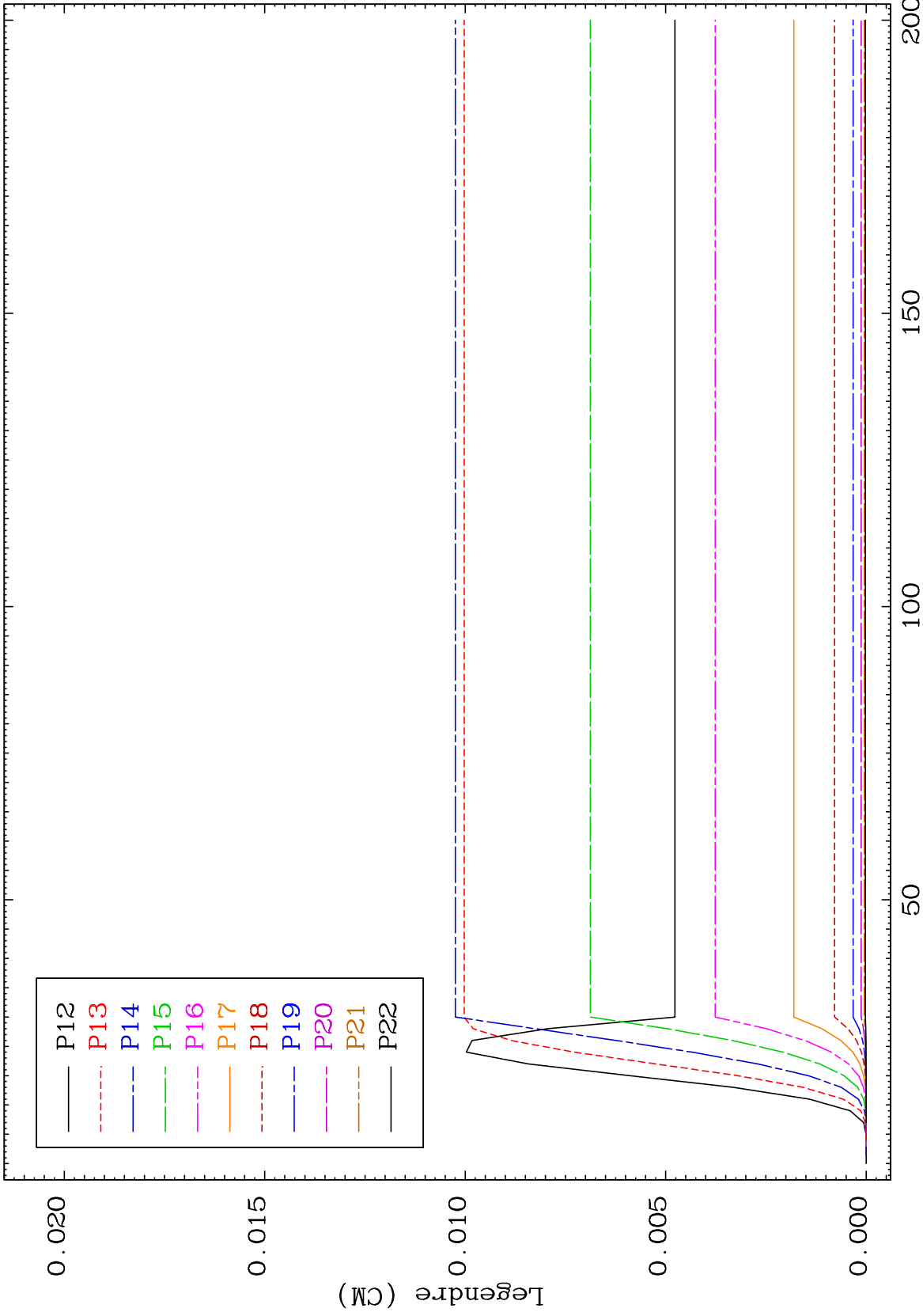
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



95

Incident Energy (MeV)

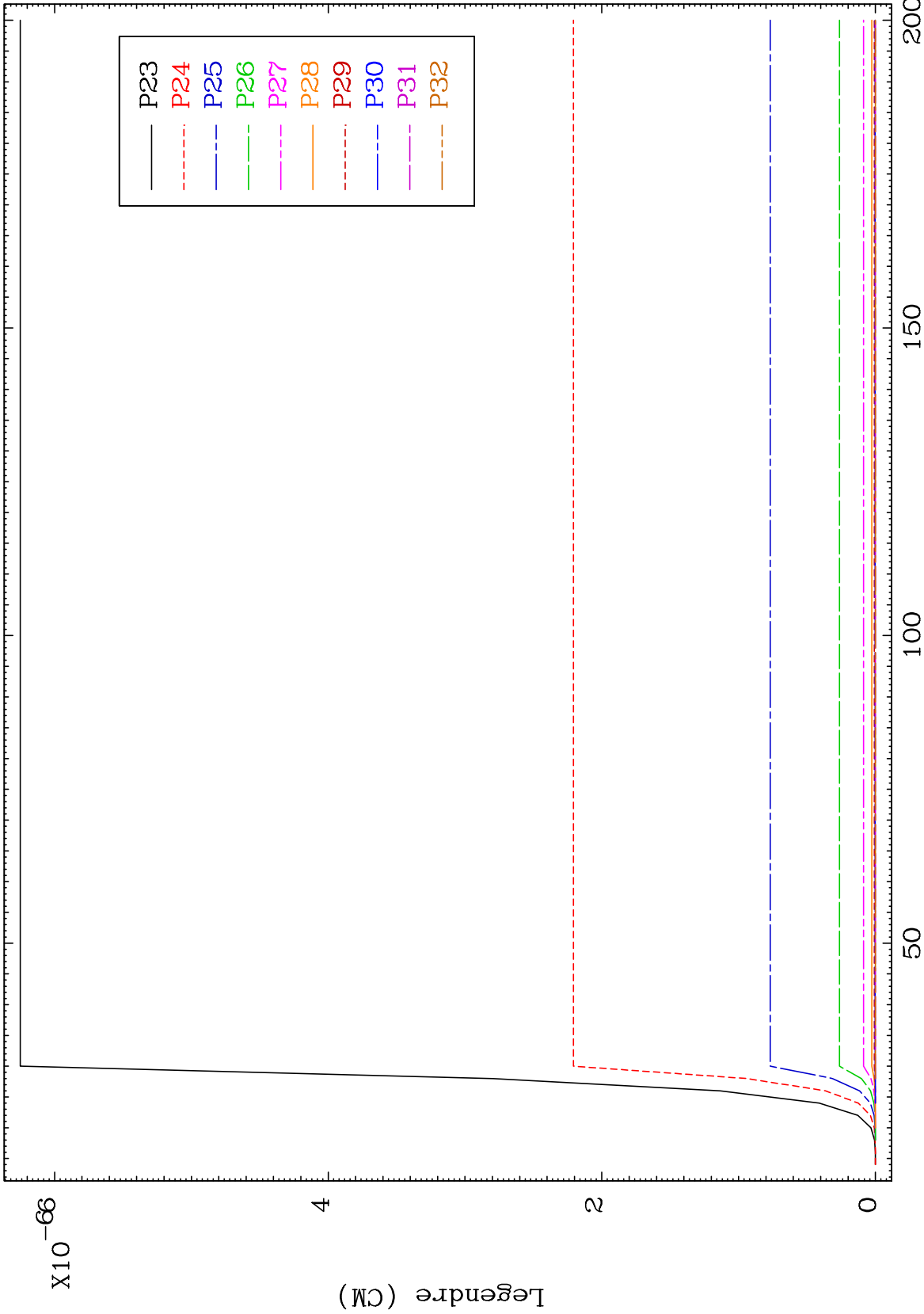
24-Cr-51



MAT 2428

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

24-Cr-51



96

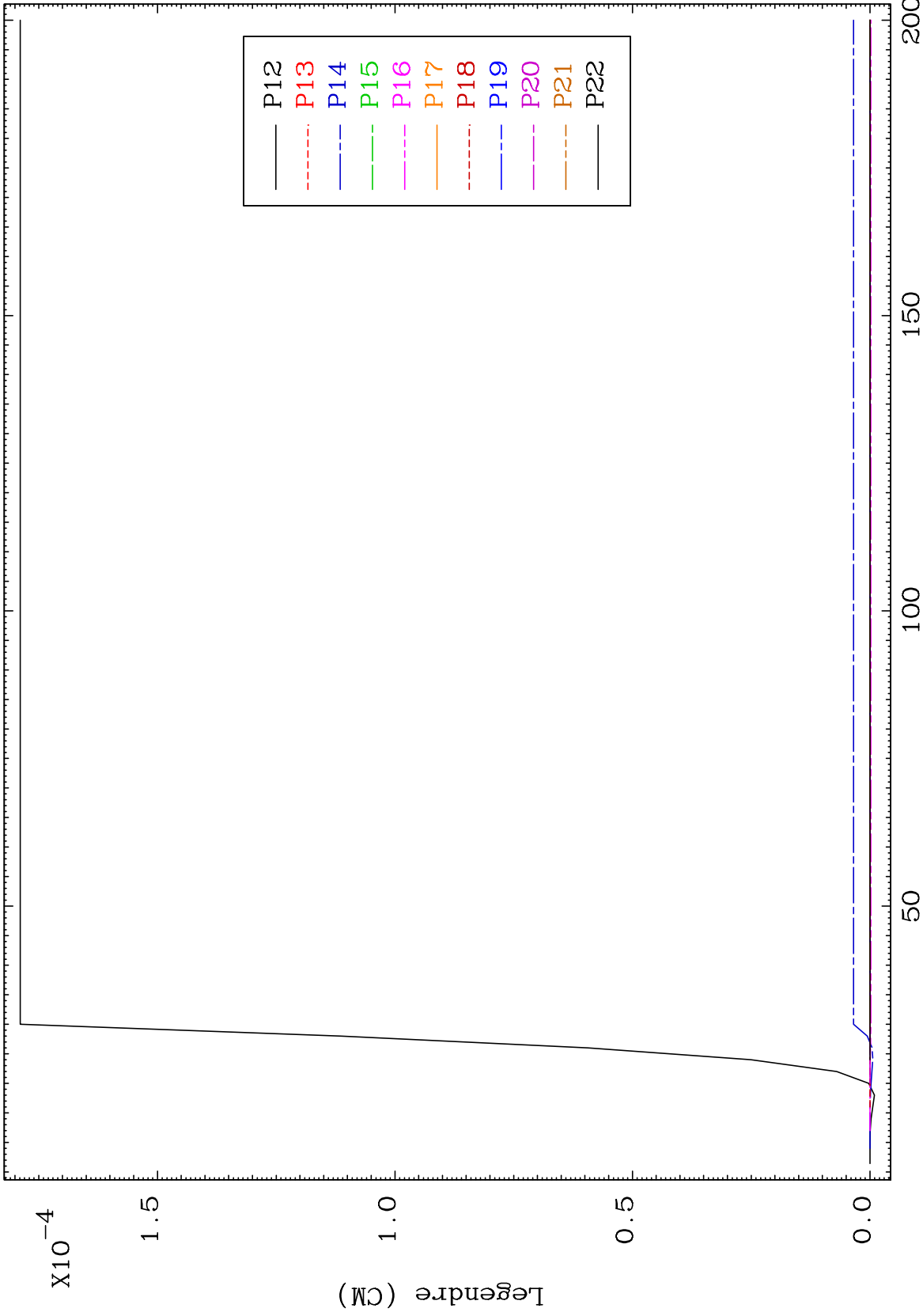
24-Cr-51



MAT 2428

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

24-Cr-51



98

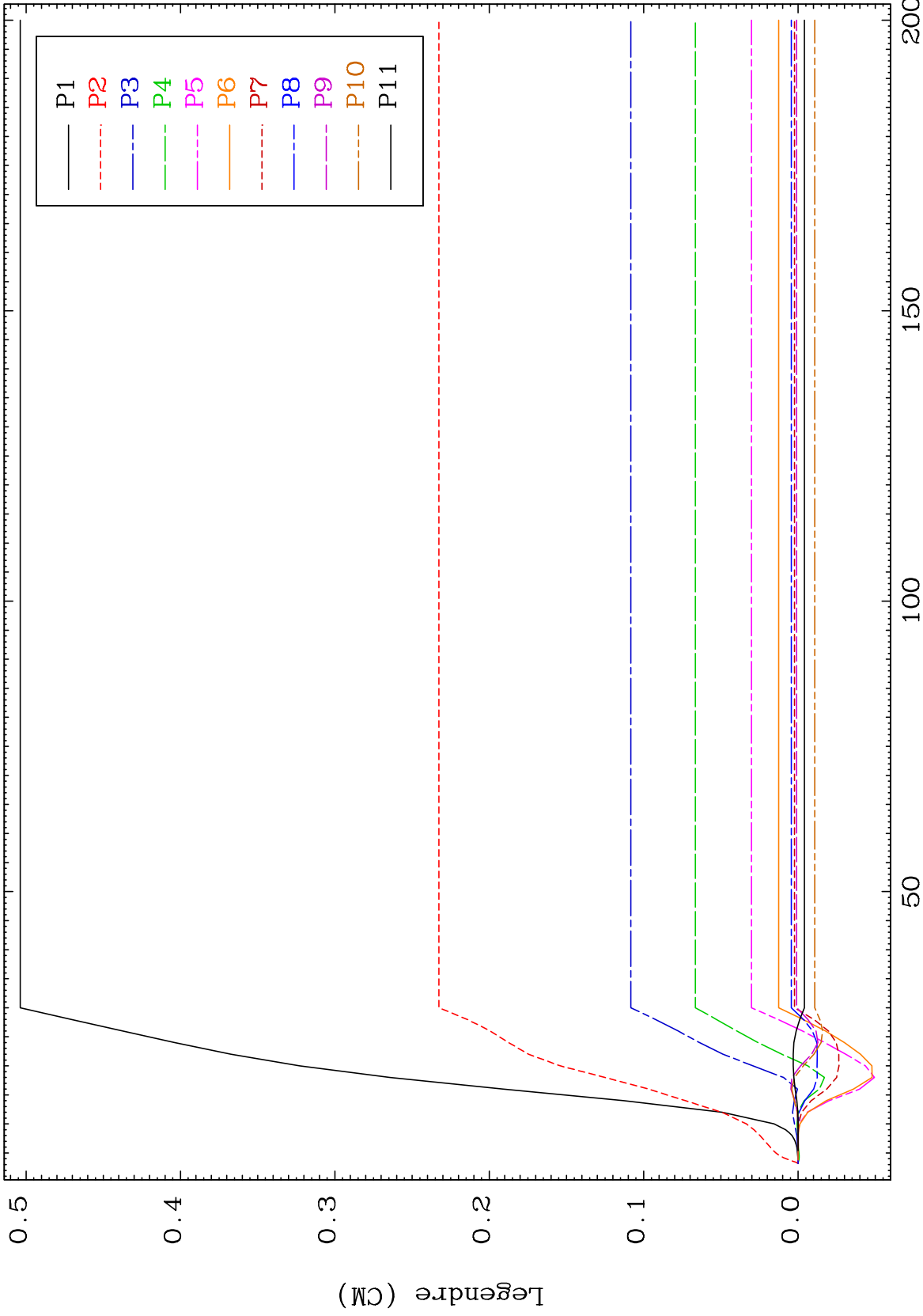
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



99

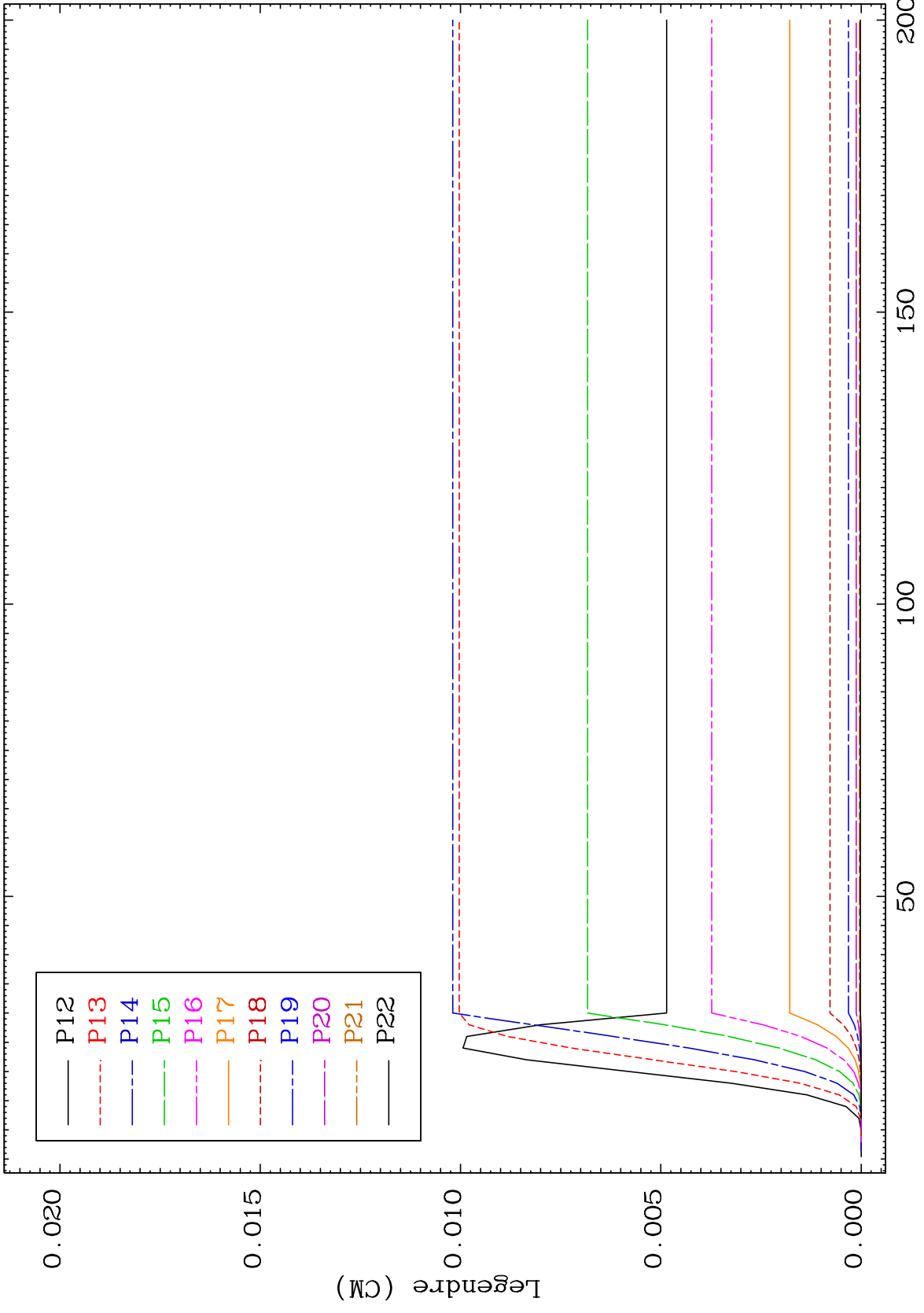
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



24-Cr-51

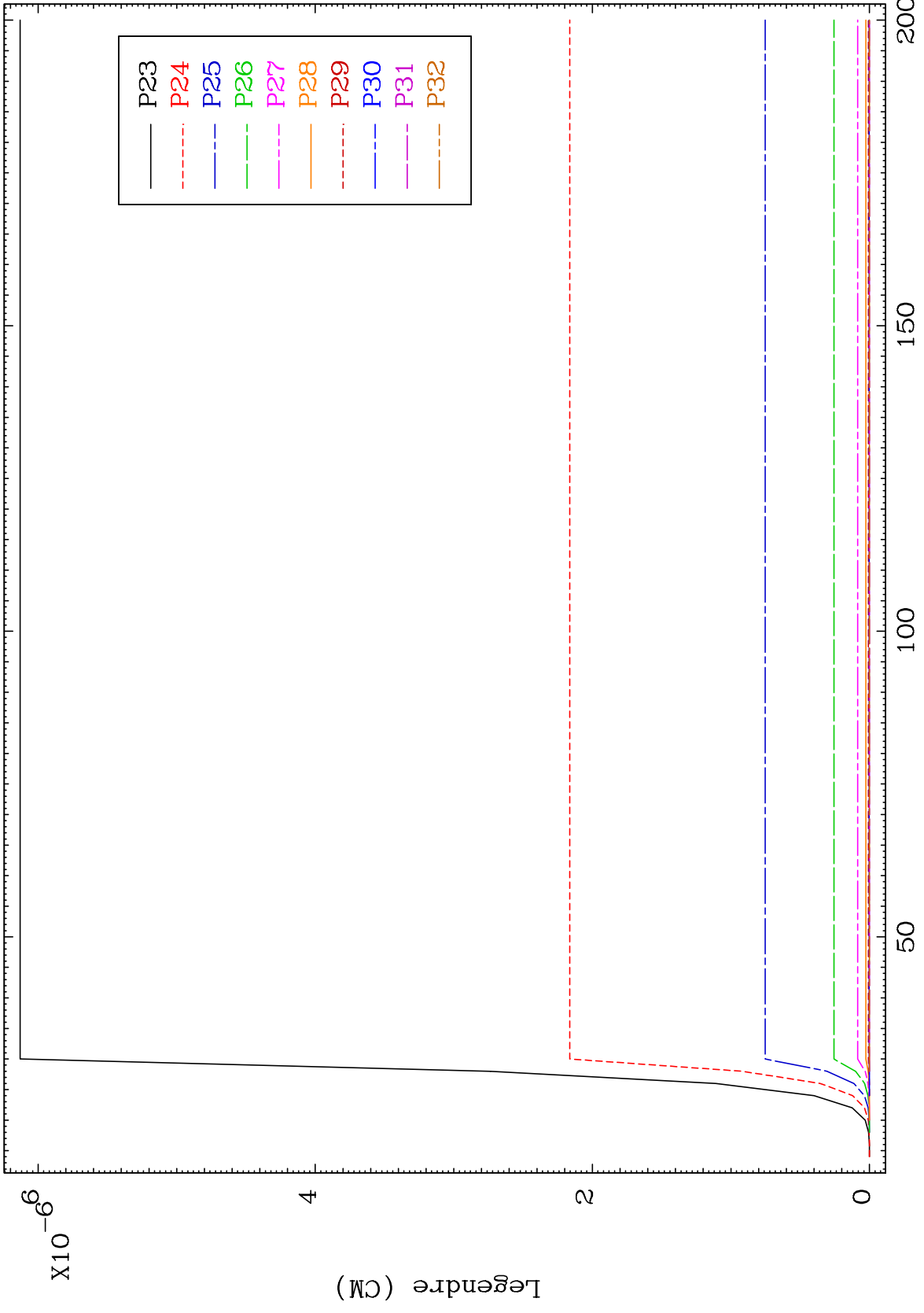
Incident Energy (MeV)

100

MAT 2428

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

24-Cr-51



101

Incident Energy (MeV)

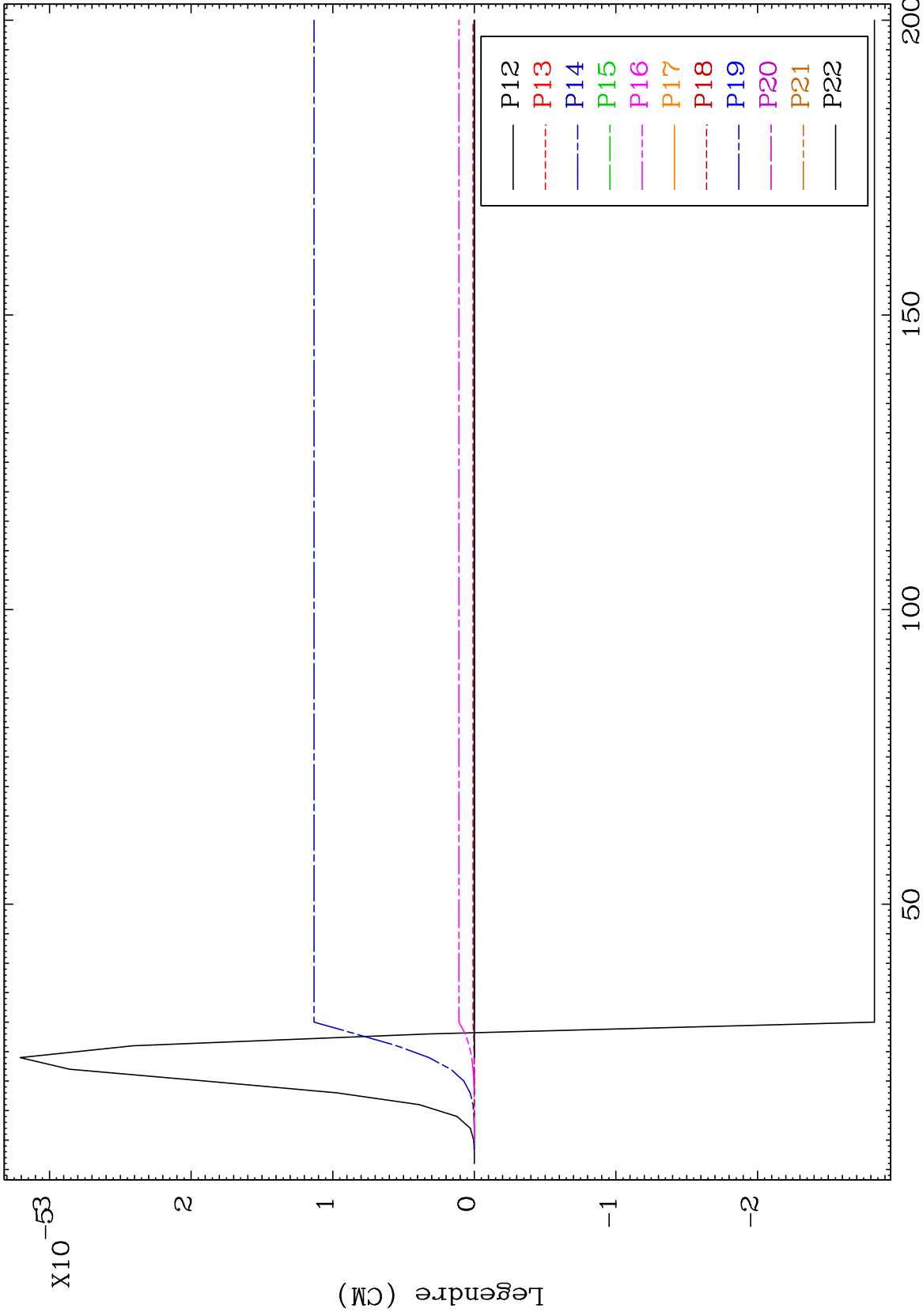
24-Cr-51



MAT 2428

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

24-Cr-51



103

24-Cr-51

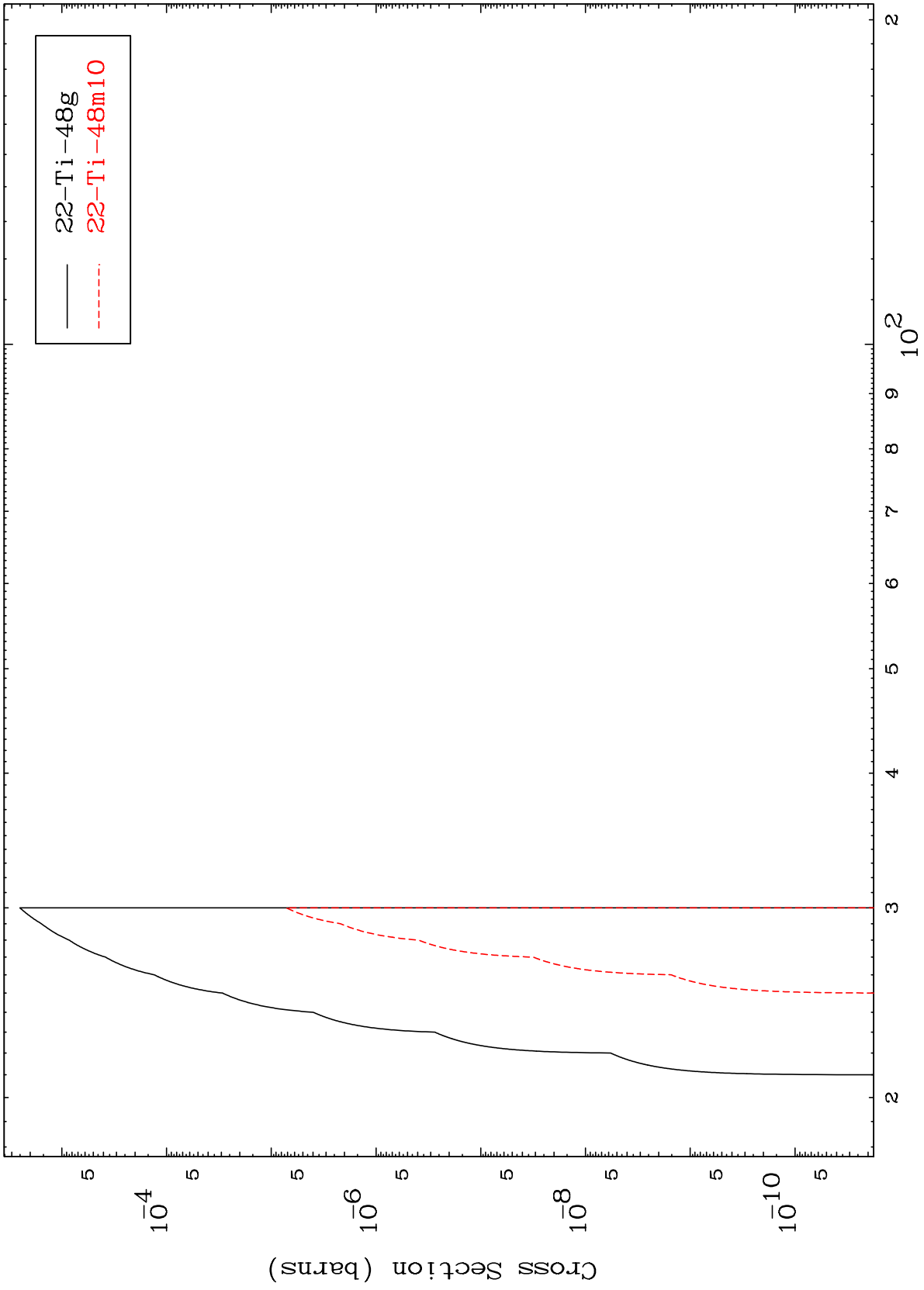


MAT 2428

(n, n') He-3

24-Cr-51

Radionuclide Production Cross Section



104

Incident Energy (MeV)

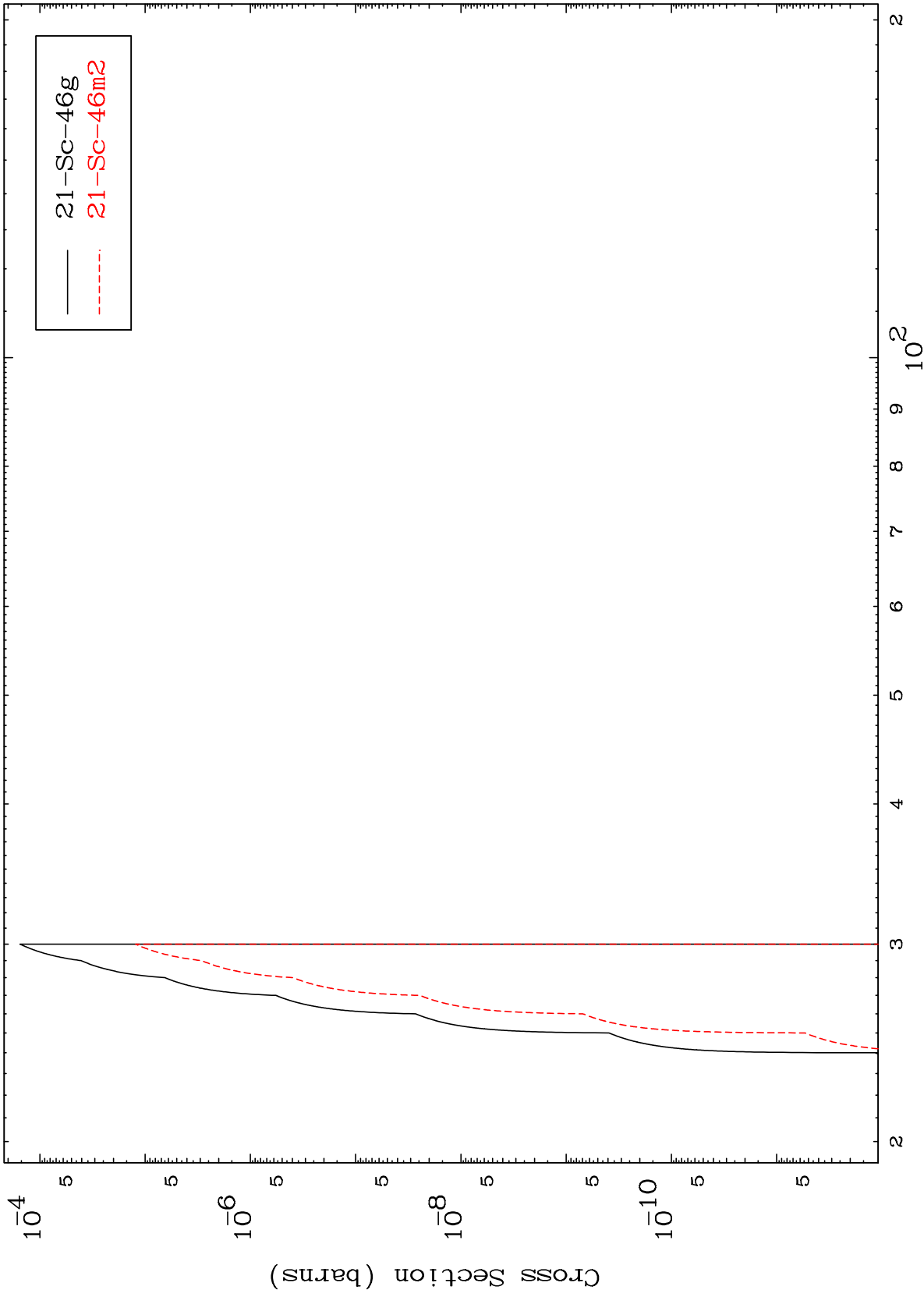
24-Cr-51

MAT 2428

(n,n') p  $\alpha$

24-Cr-51

Radionuclide Production Cross Section



105

Incident Energy (MeV)

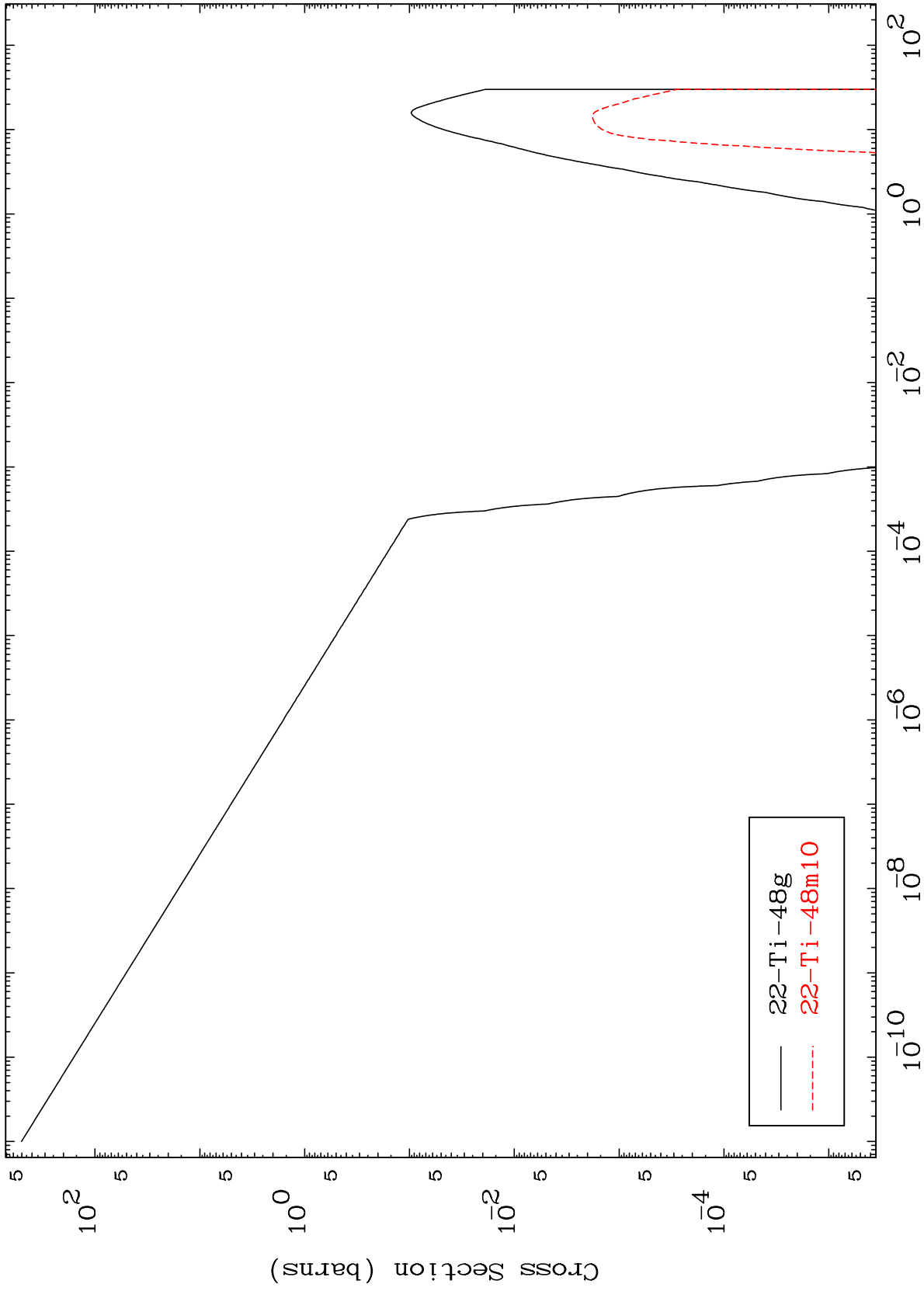
24-Cr-51

MAT 2428

(n,  $\alpha$ )

24-Cr-51

Radionuclide Production Cross Section



106

Incident Energy (MeV)

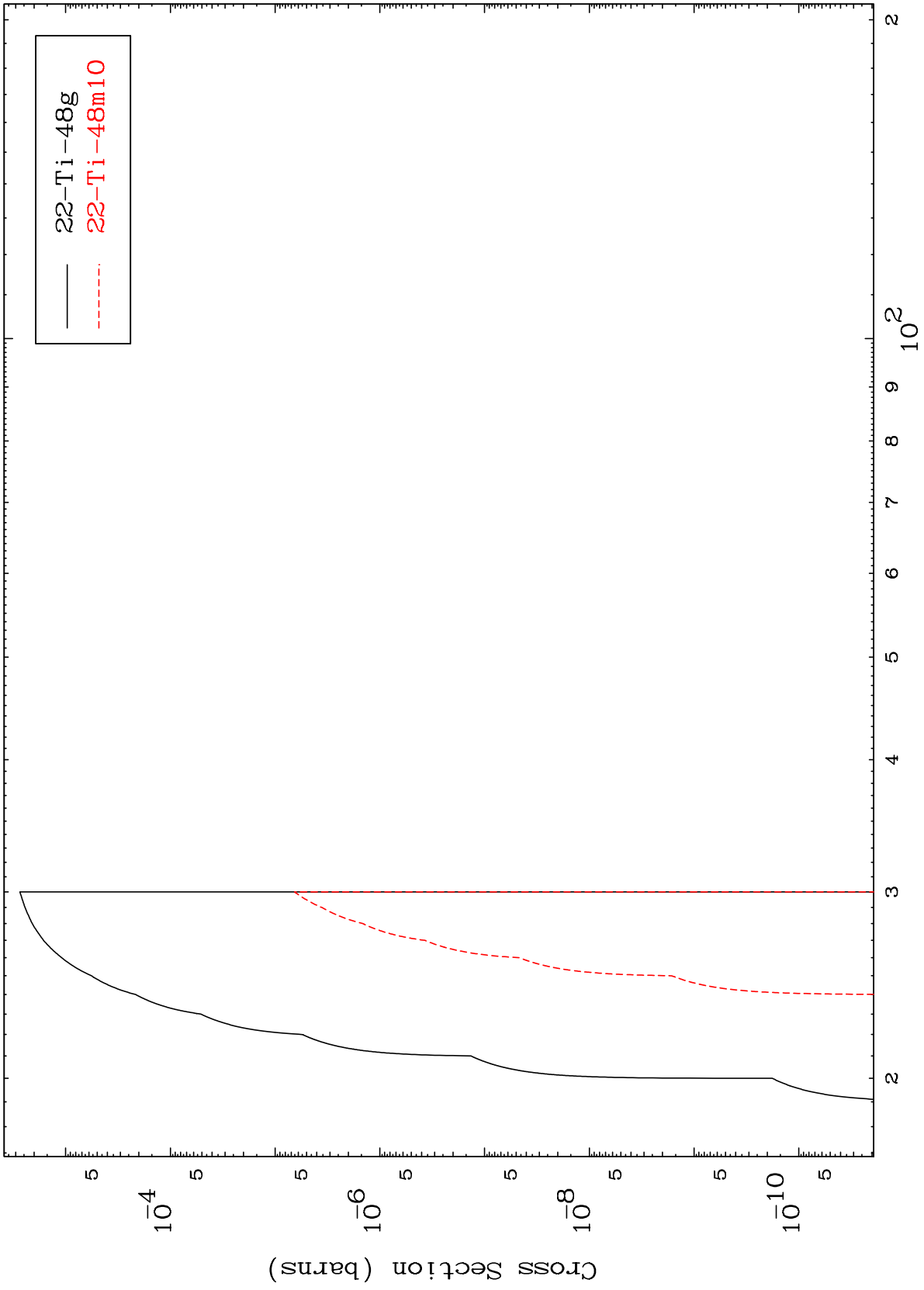
24-Cr-51

MAT 2428

(n,p) t

24-Cr-51

Radionuclide Production Cross Section



107

Incident Energy (MeV)

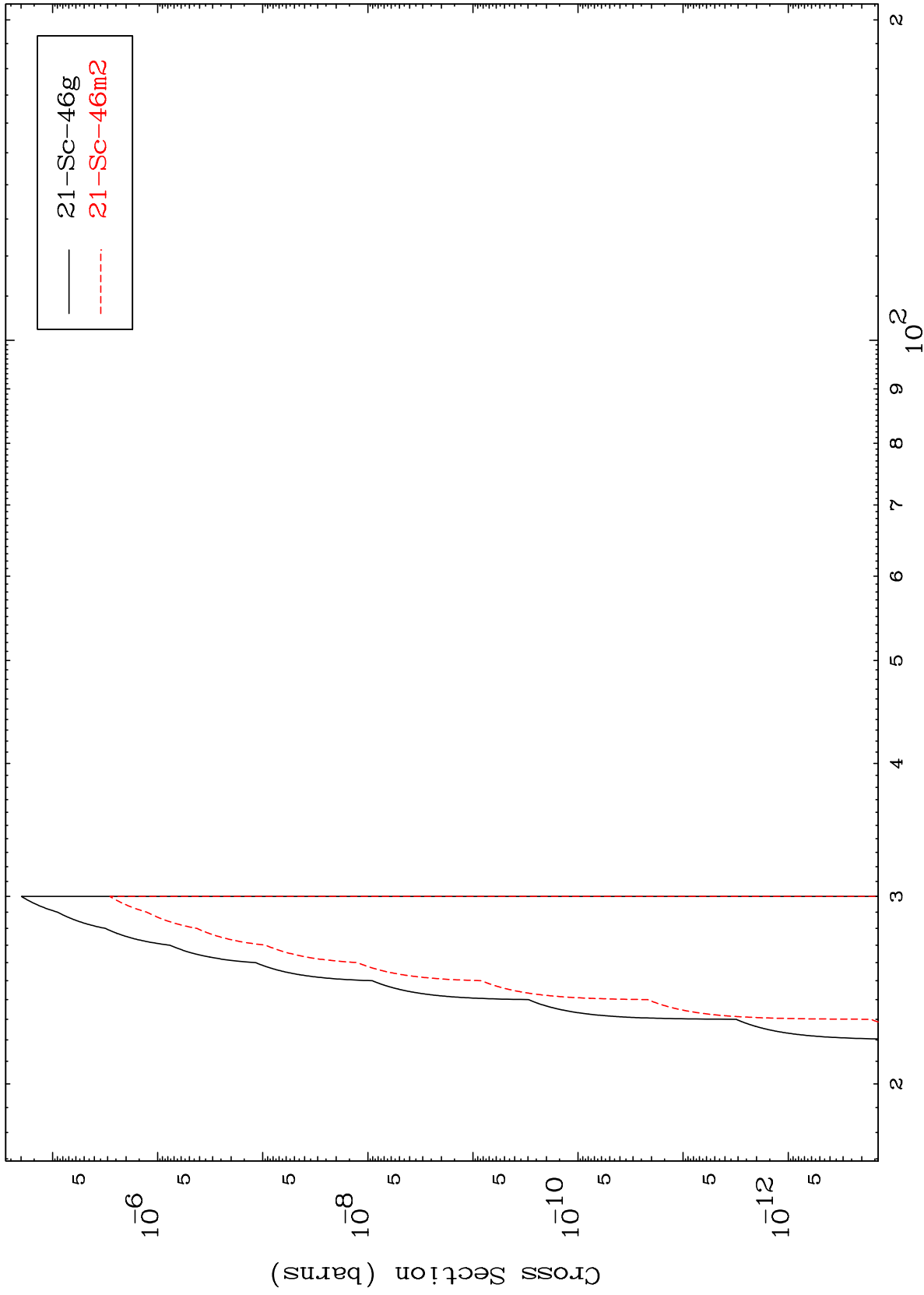
24-Cr-51

MAT 2428

(n,d)  $\alpha$

24-Cr-51

Radionuclide Production Cross Section



108

Incident Energy (MeV)

24-Cr-51