

Program EVALPLOT  
(Version 2018-1)

by

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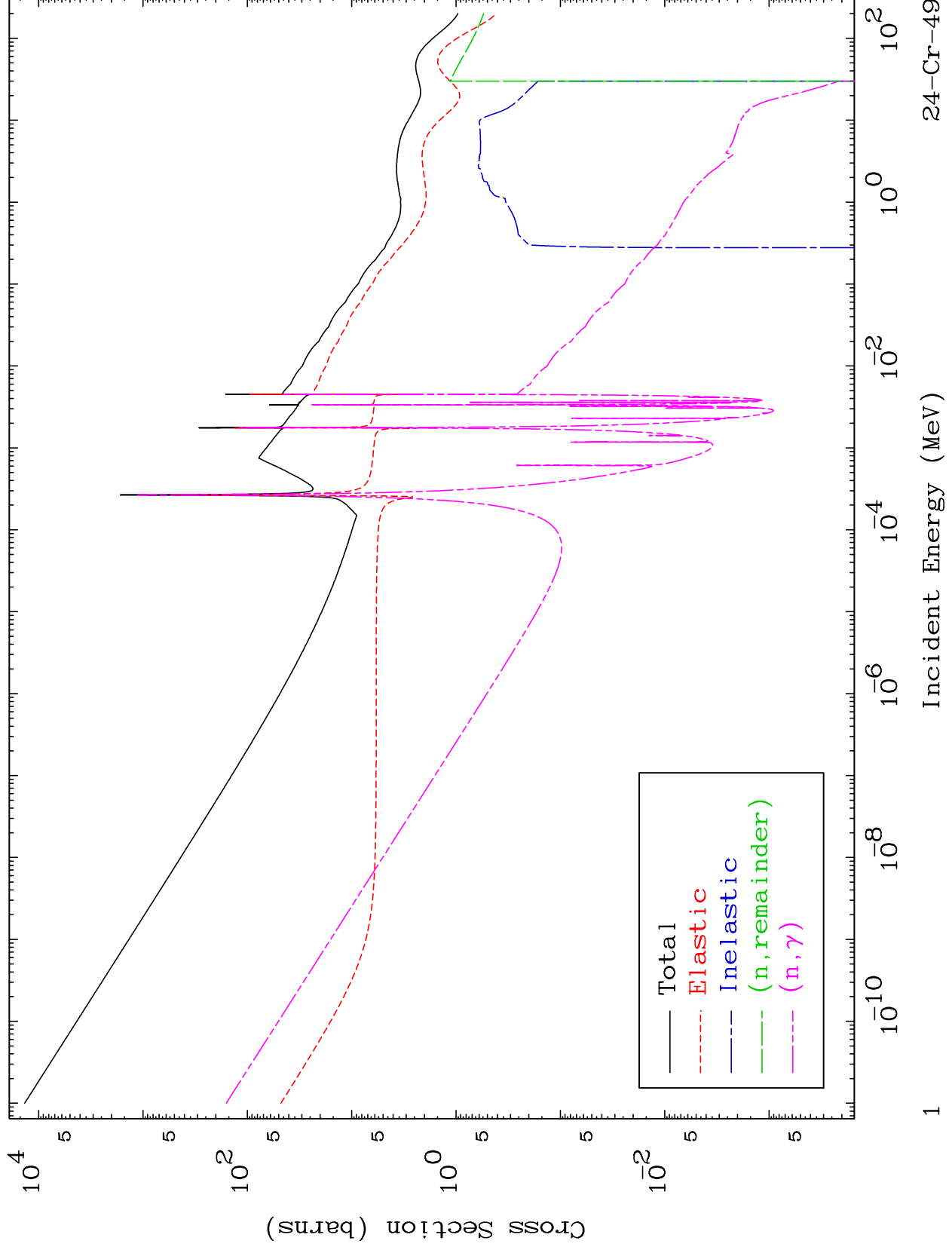
Press Mouse Button to Start

MAT 2422

Major

293 Kelvin Cross Sections

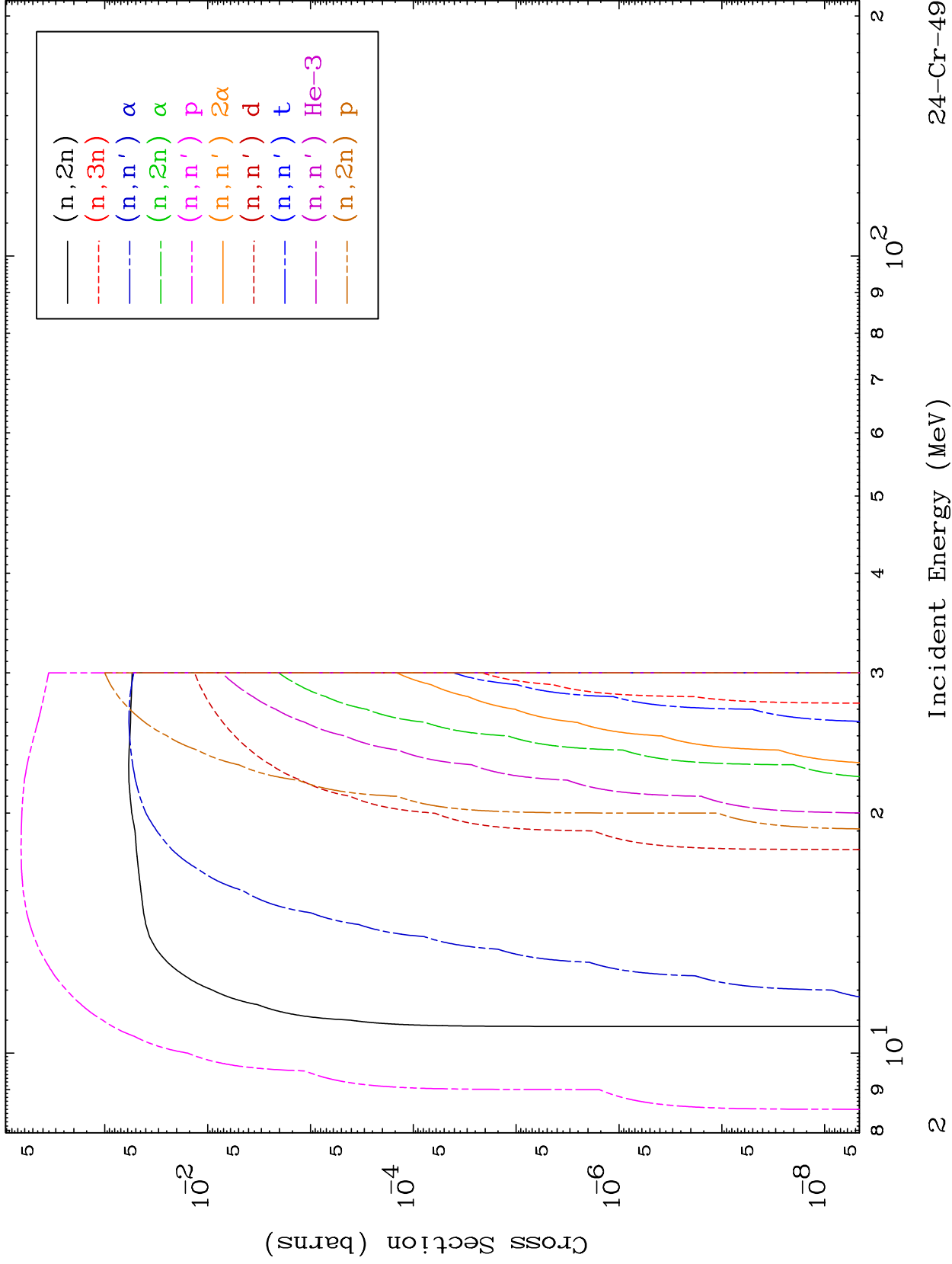
24-Cr-49



MAT 2422

Neutron Production  
293 Kelvin Cross Sections

24-Cr-49

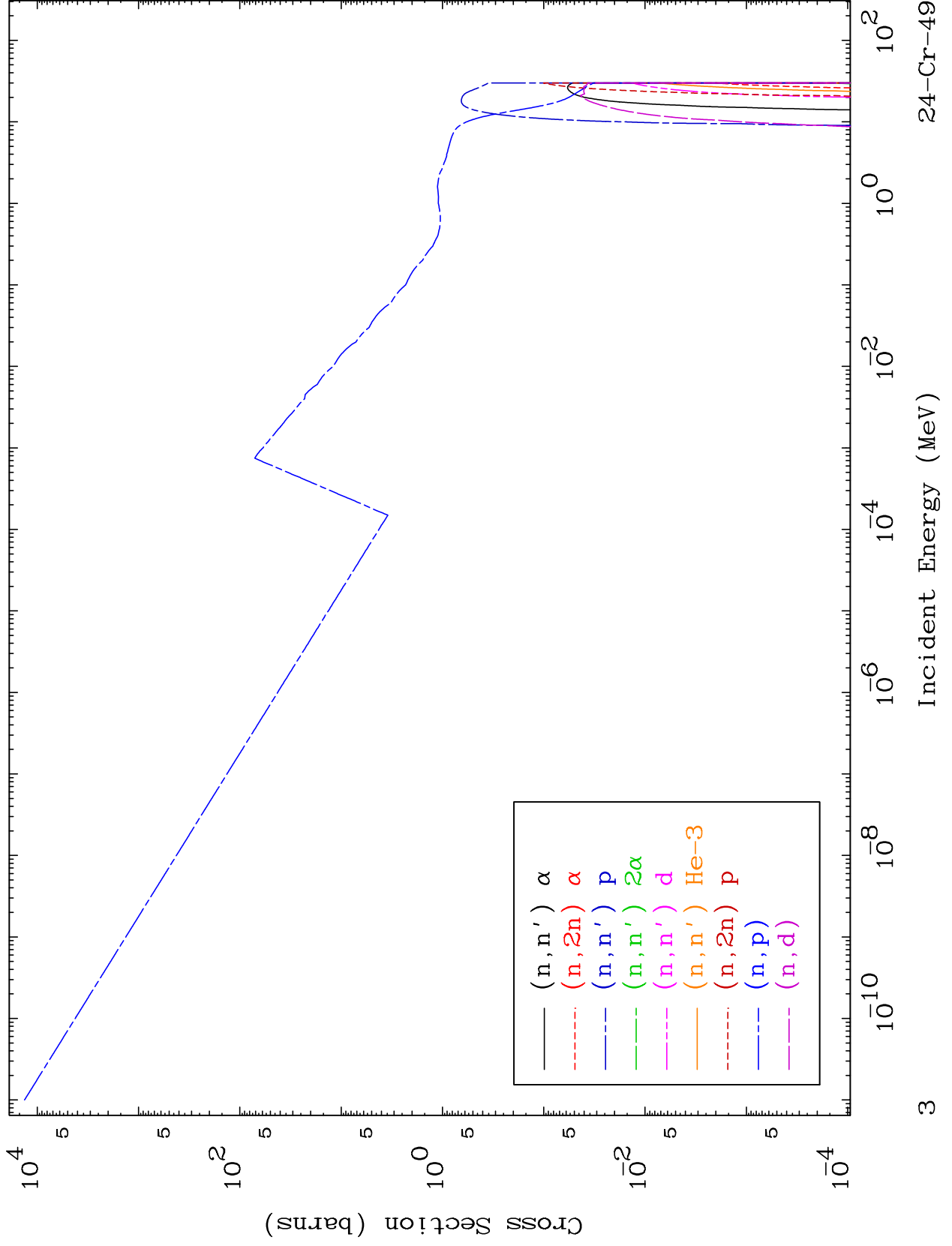


24-Cr-49

MAT 2422

Charged Particle  
293 Kelvin Cross Sections

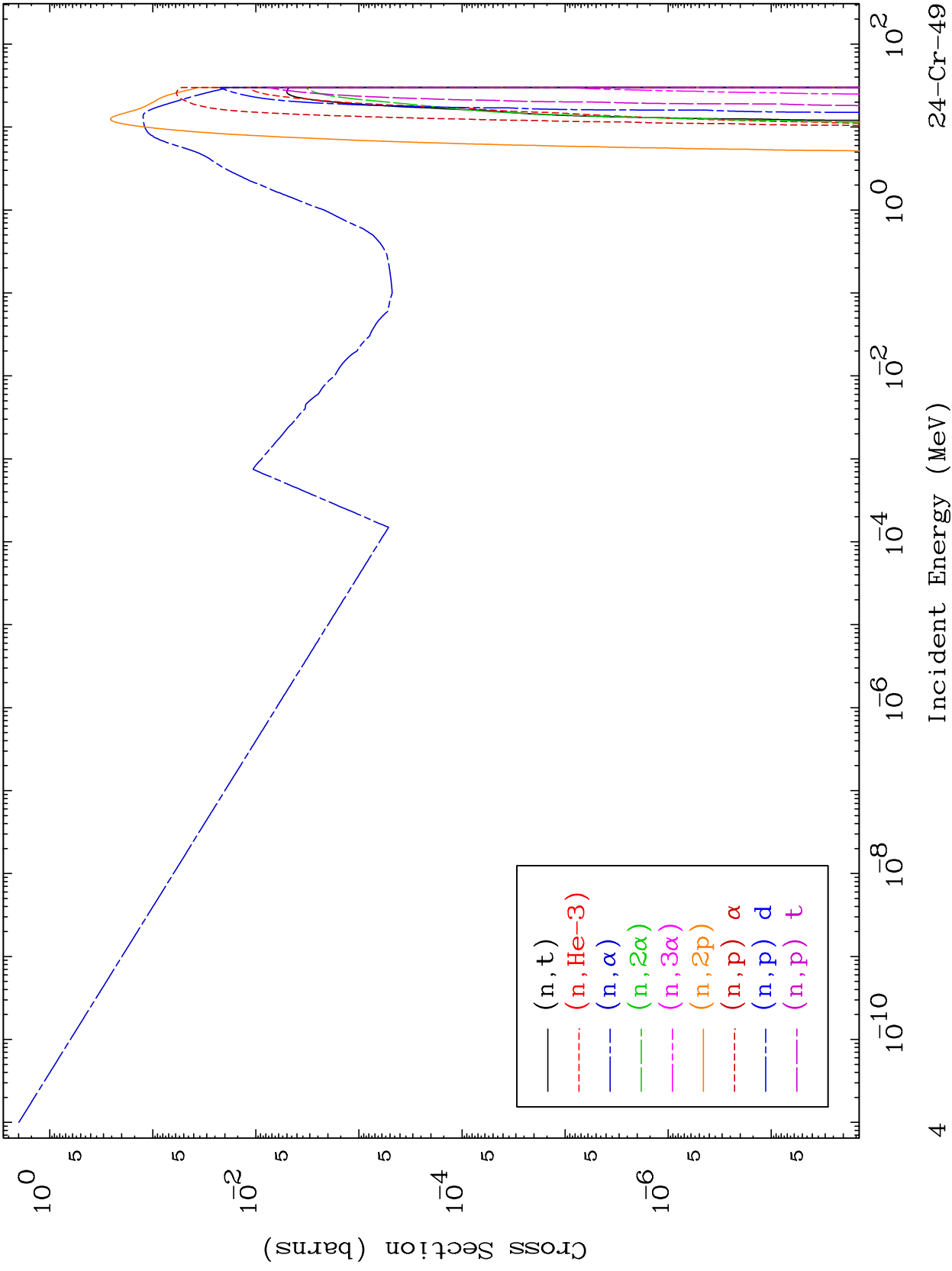
24-Cr-49

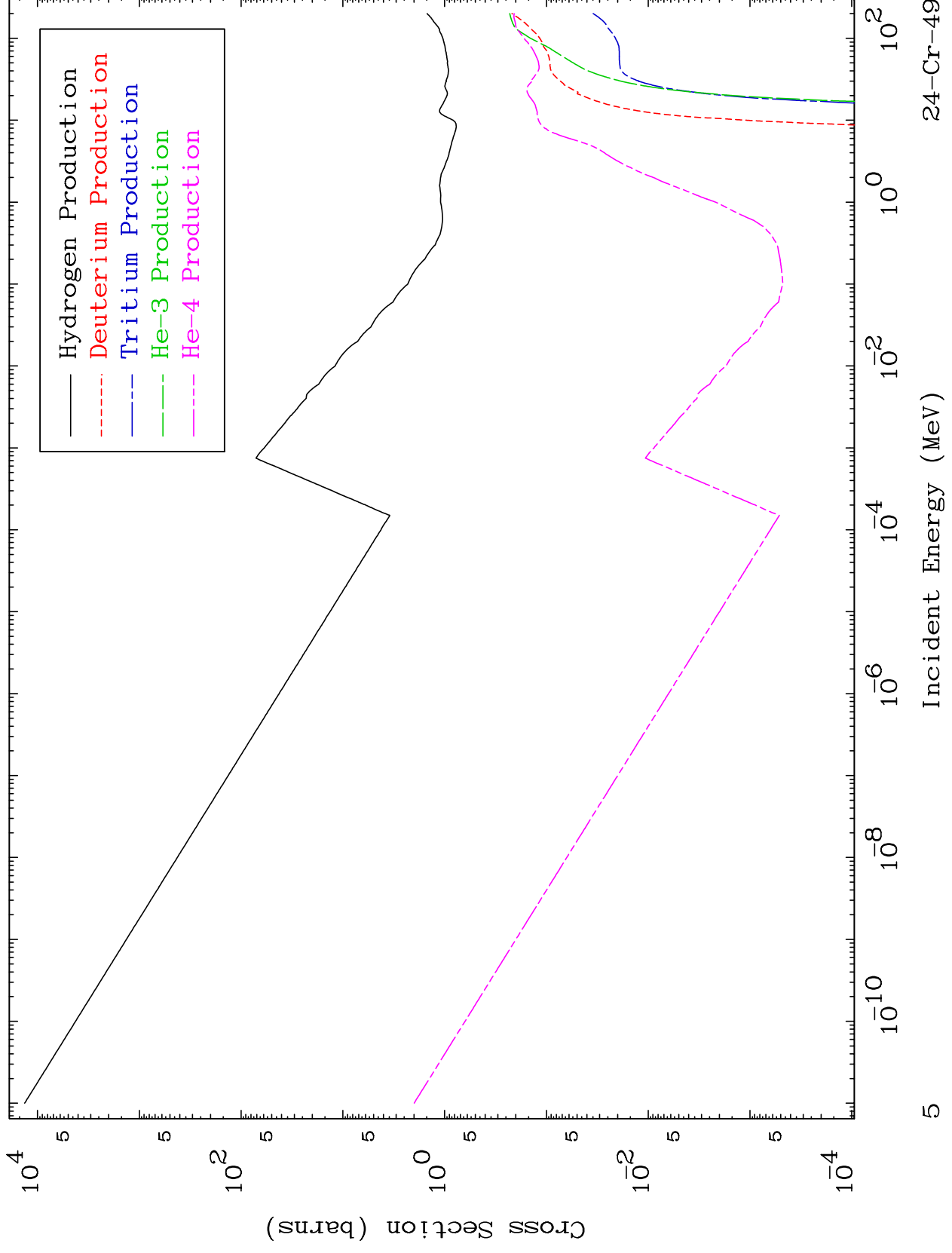


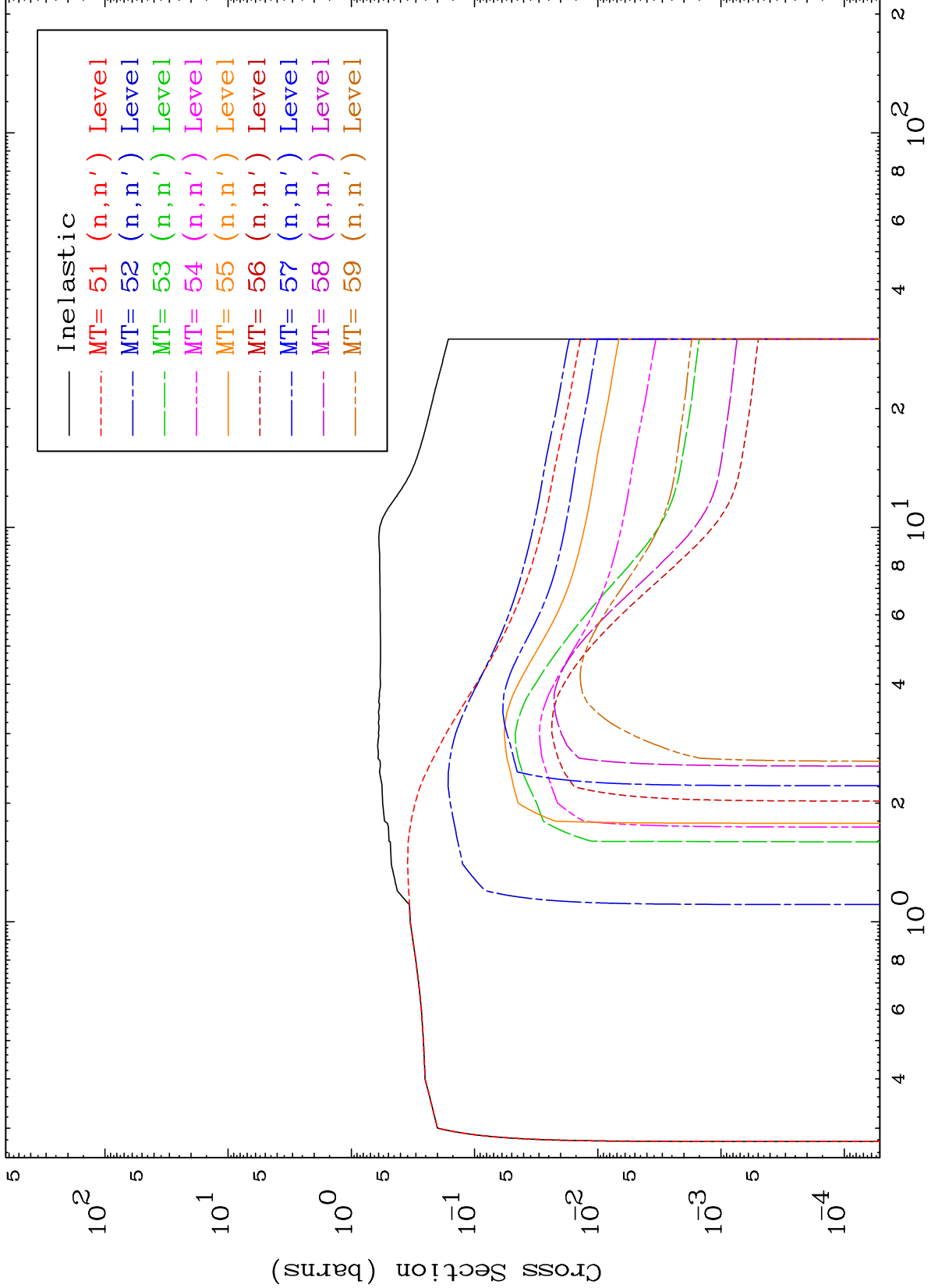
MAT 2422

Charged Particle  
293 Kelvin Cross Sections

24-Cr-49





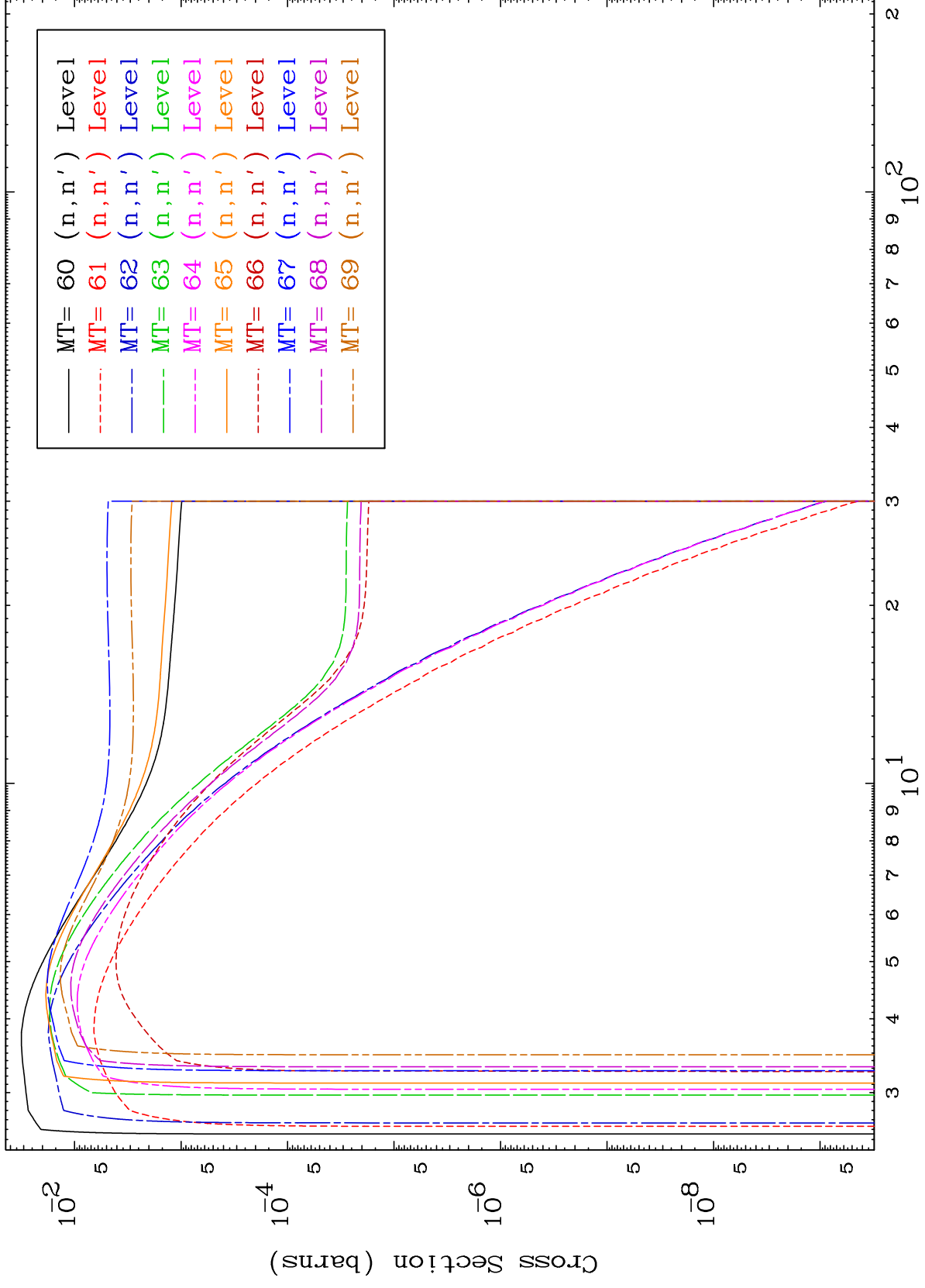


MAT 2422

(n,n') Level

24-Cr-49

293 Kelvin Cross Sections



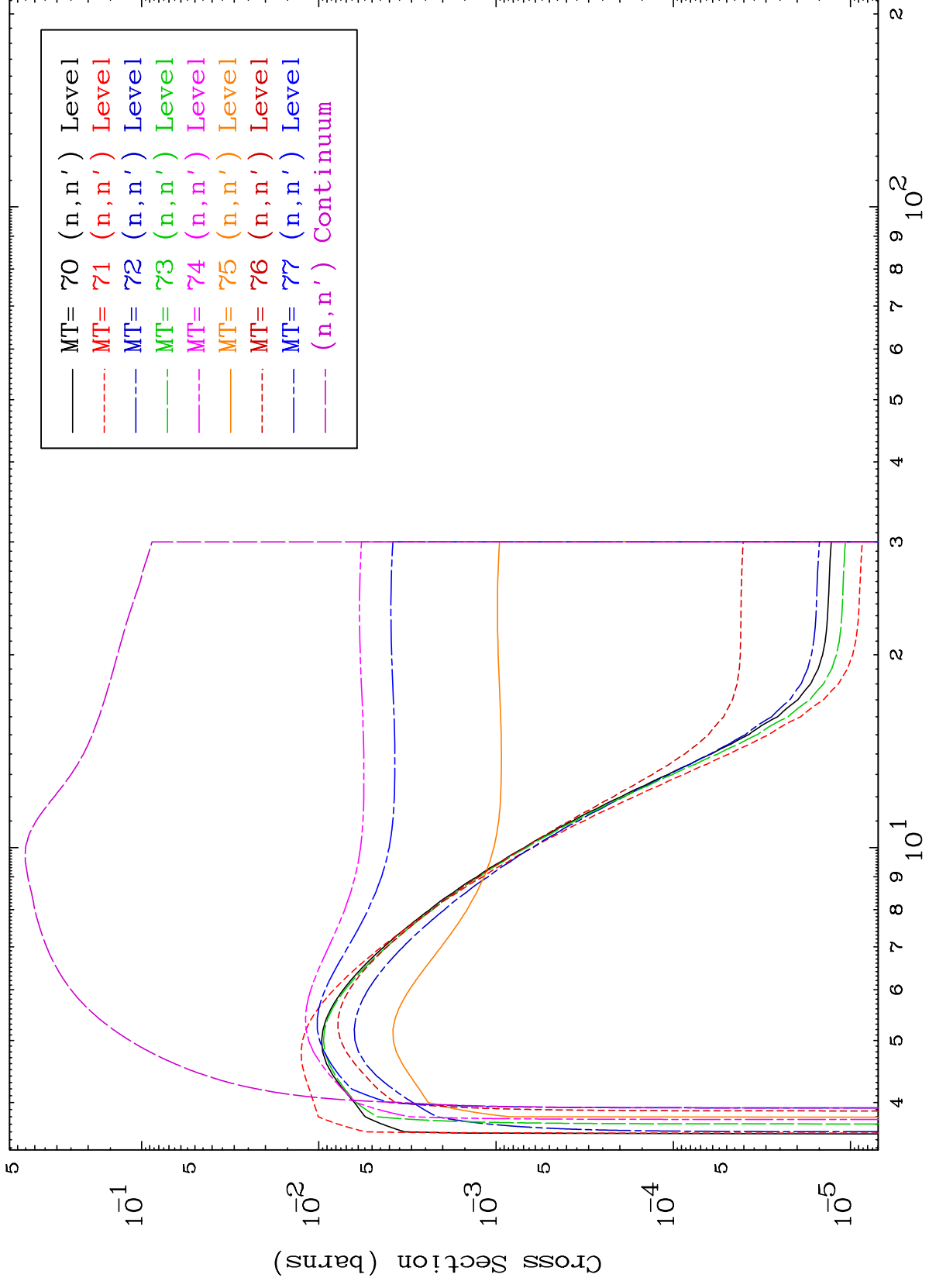


MAT 2422

(n,n') Level

24-Cr-49

293 Kelvin Cross Sections



Incident Energy (MeV)

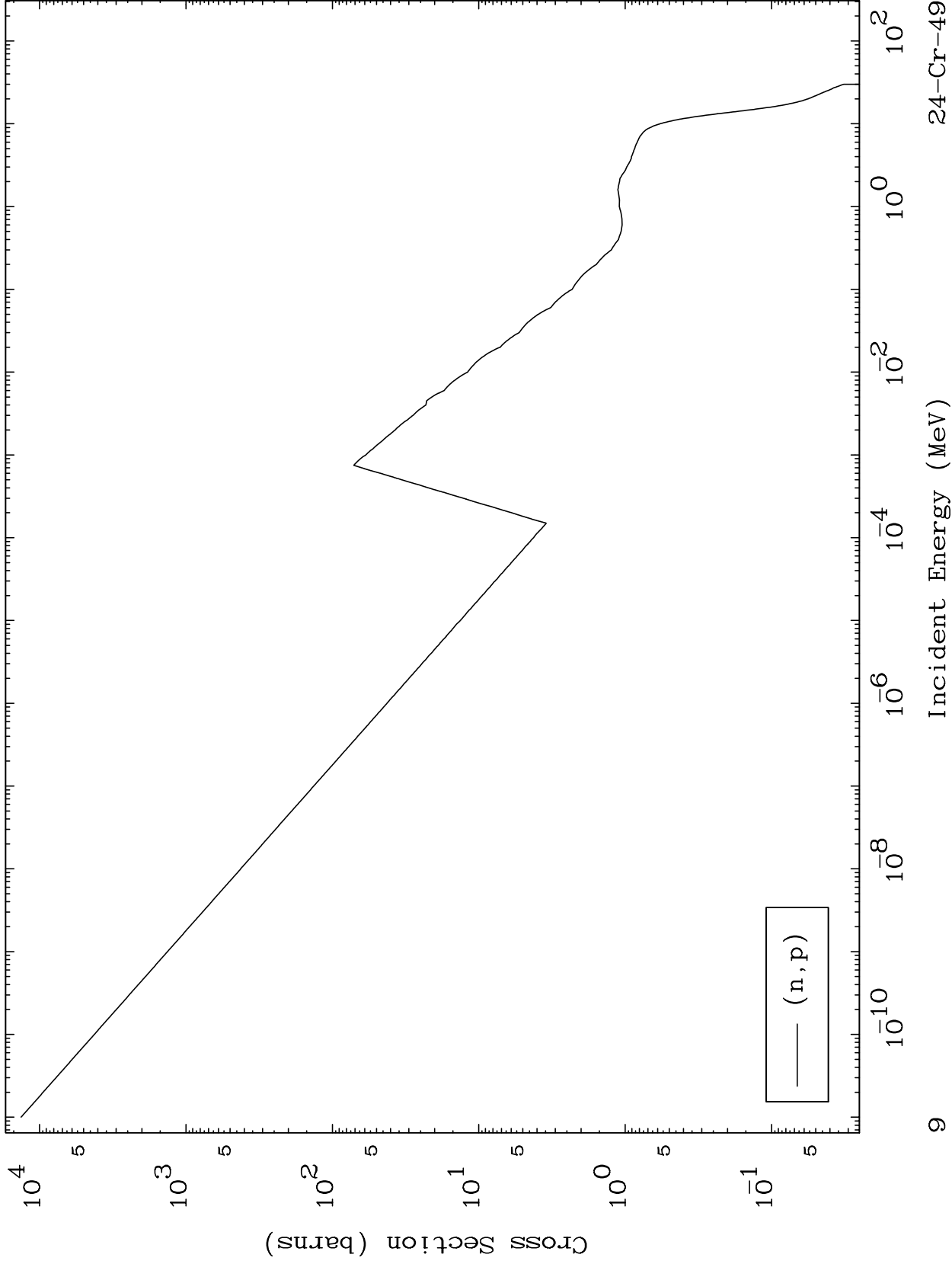
24-Cr-49

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MAT 2422

(n,p) Levels  
293 Kelvin Cross Sections

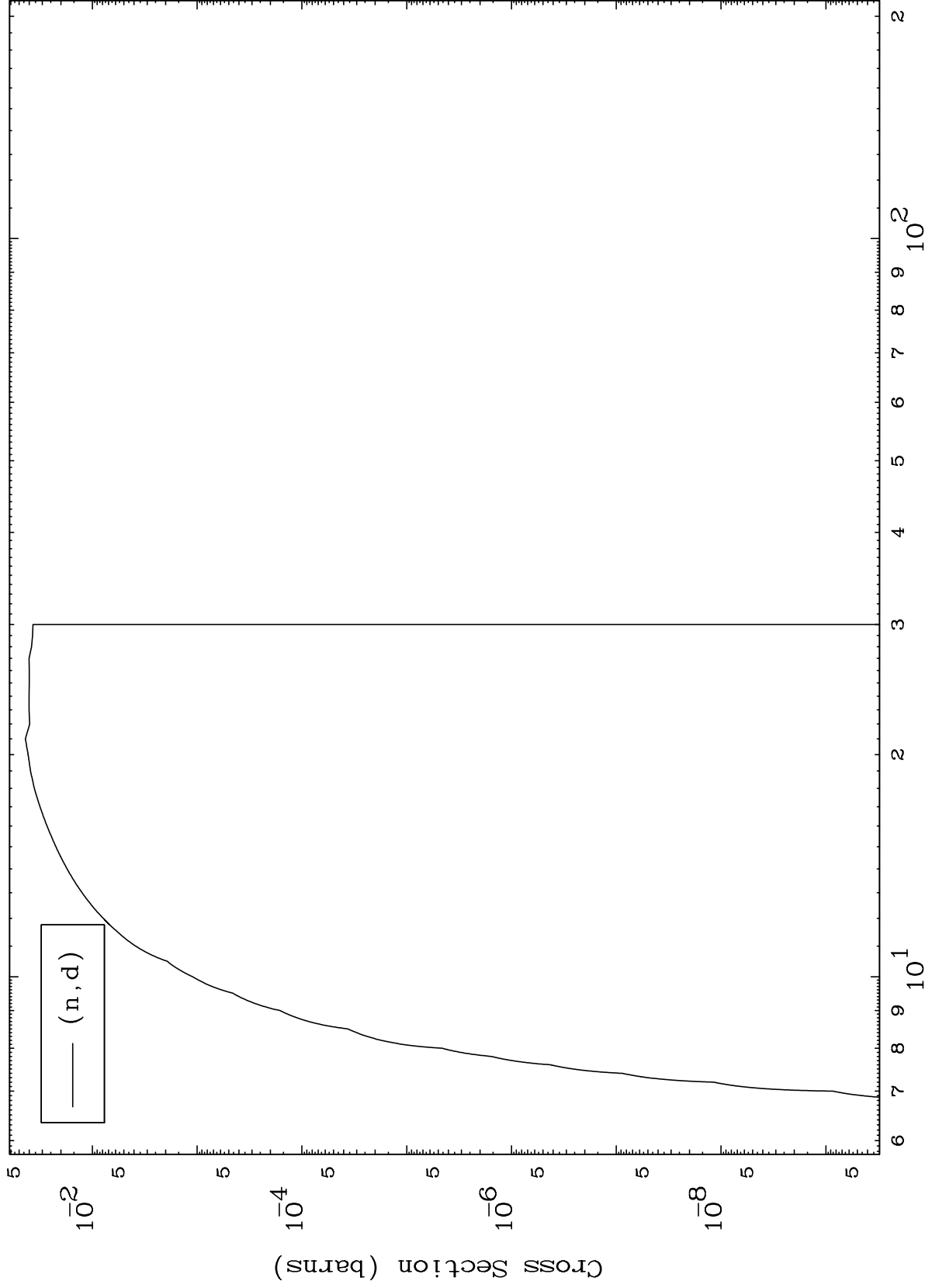
24-Cr-49



MAT 2422

(n,d) Levels  
293 Kelvin Cross Sections

24-Cr-49



10

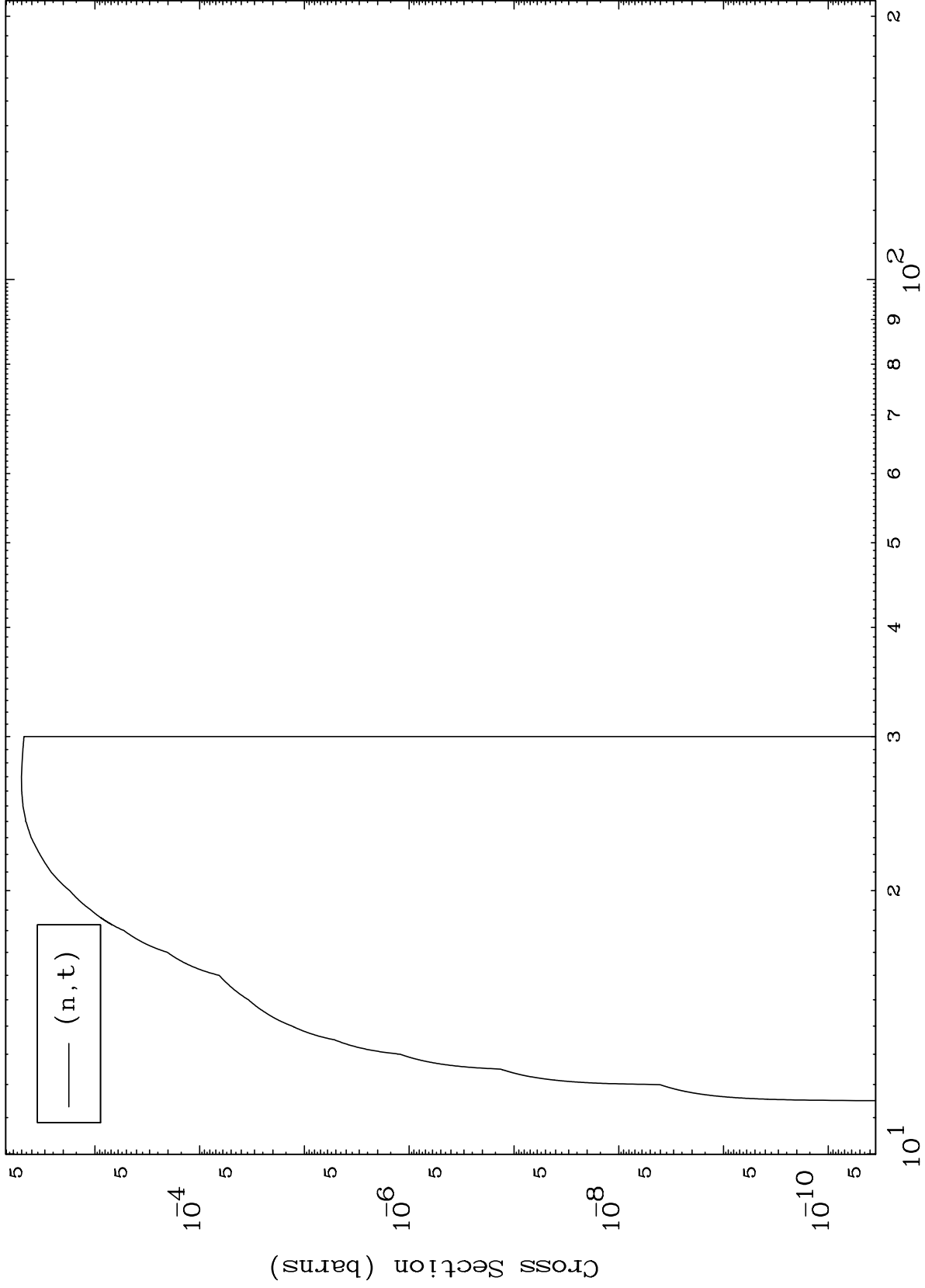
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,t) Levels  
293 Kelvin Cross Sections

24-Cr-49



11

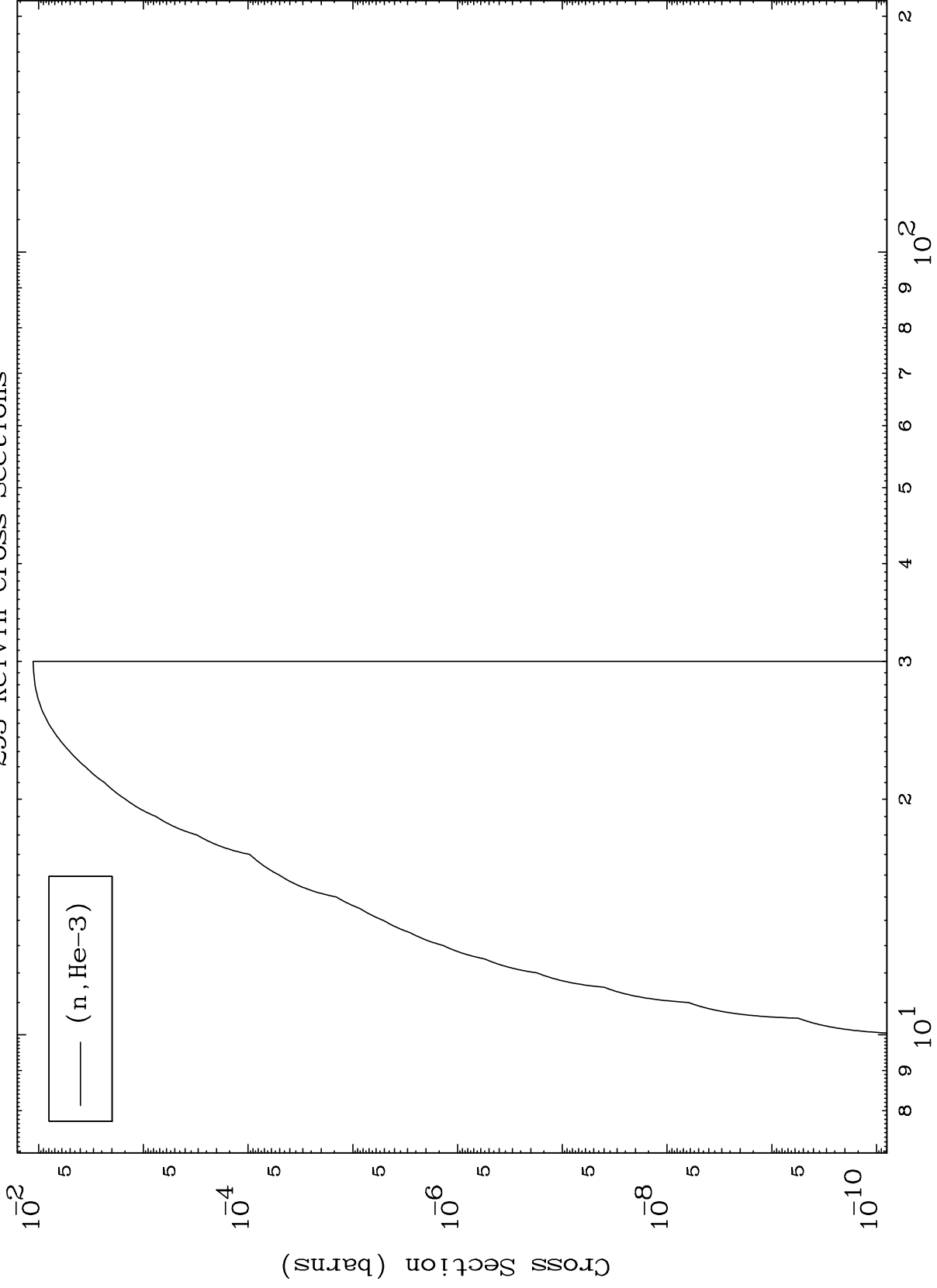
Incident Energy (MeV)

24-Cr-49

MAT 2422

(n,He3) Levels  
293 Kelvin Cross Sections

24-Cr-49



12

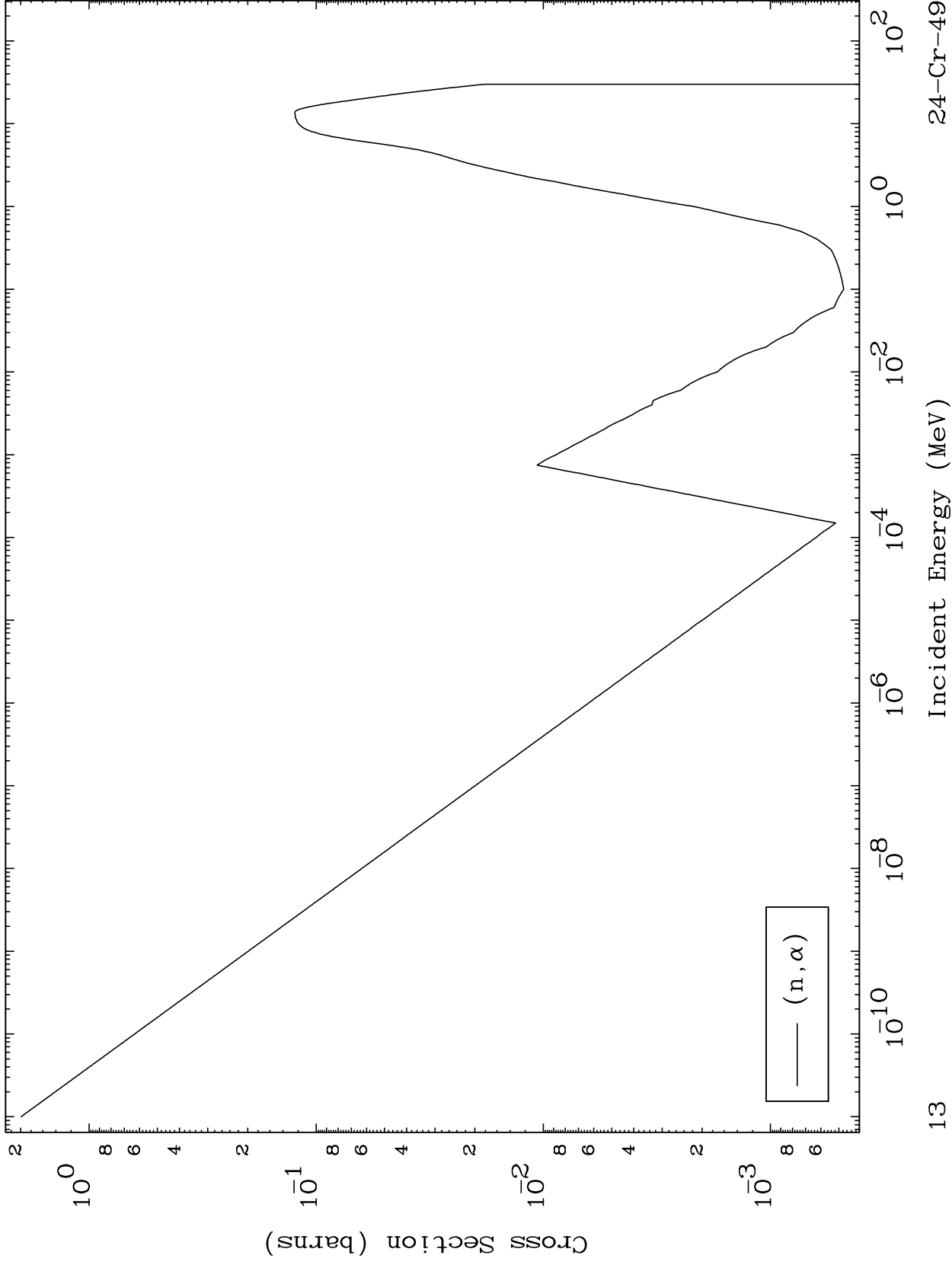
Incident Energy (MeV)

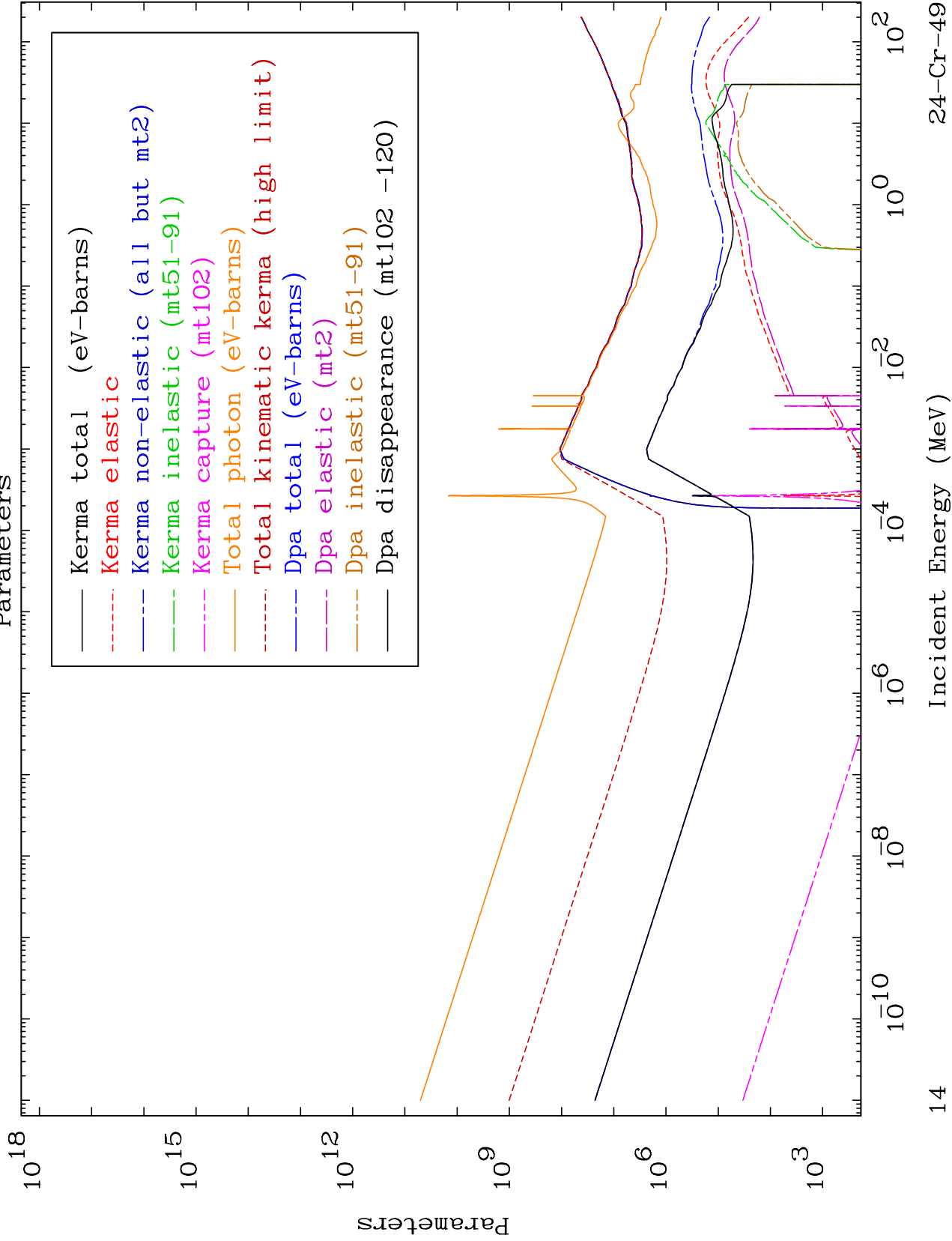
24-Cr-49

MAT 2422

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

24-Cr-49

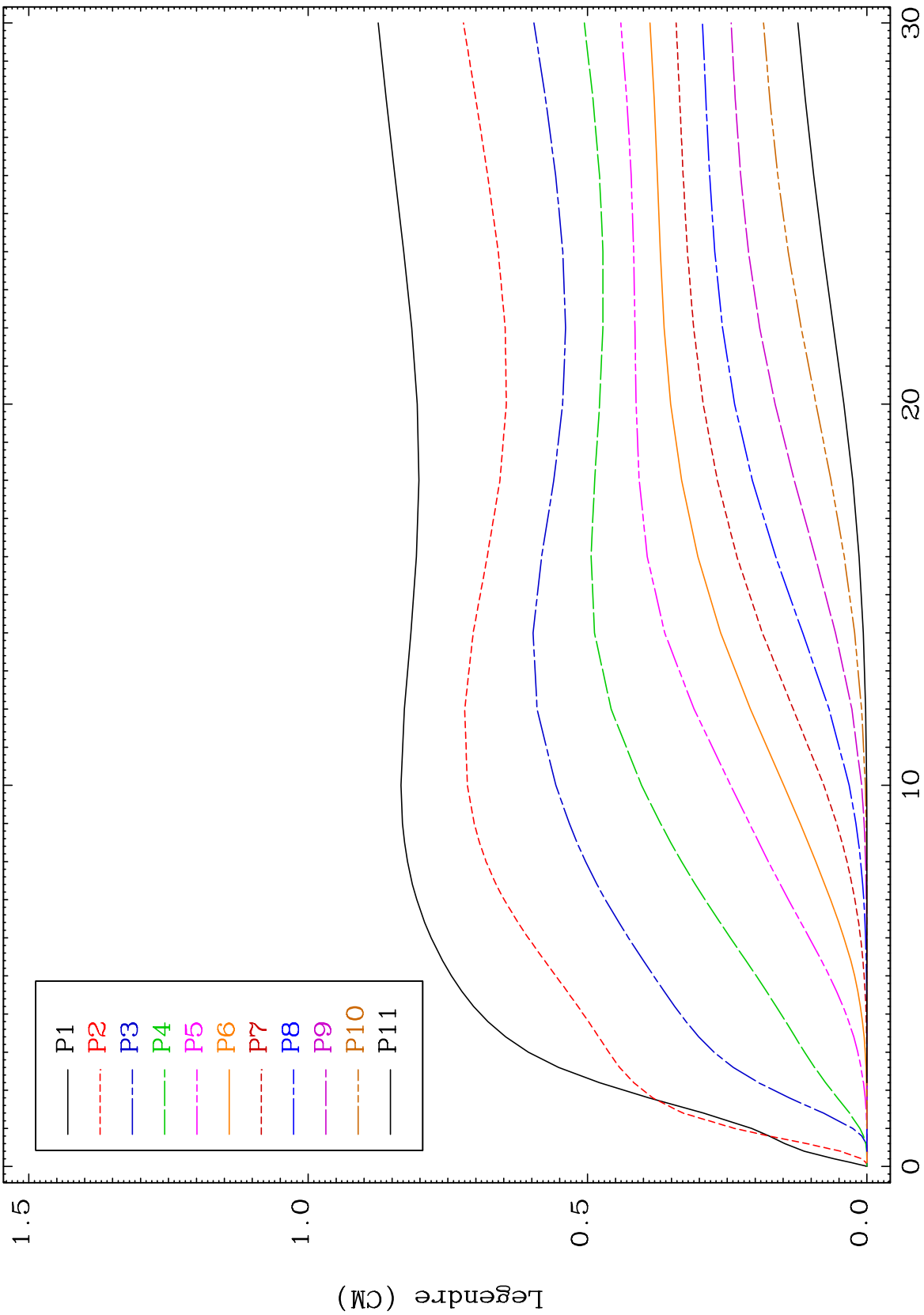




MAT 2422

Elastic Legendre Coefficients

<sup>24</sup>Cr-49



15

Incident Energy (MeV)

<sup>24</sup>Cr-49

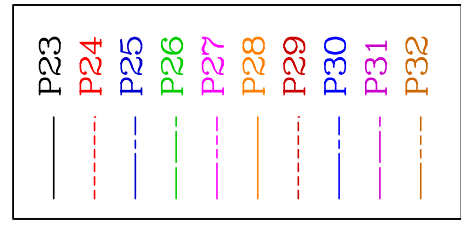




MAT 2422

Elastic Legendre Coefficients

24-Cr-49



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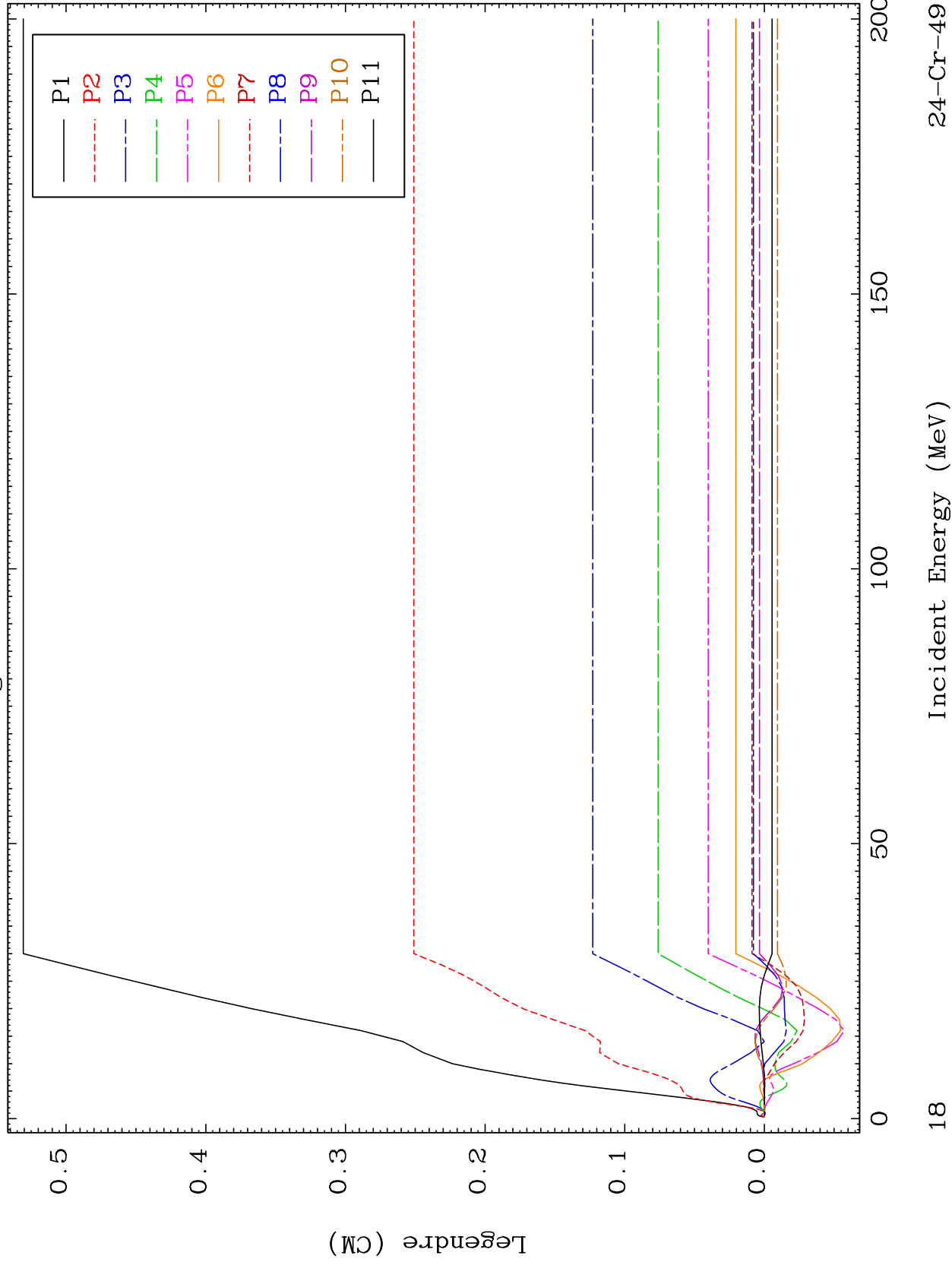
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

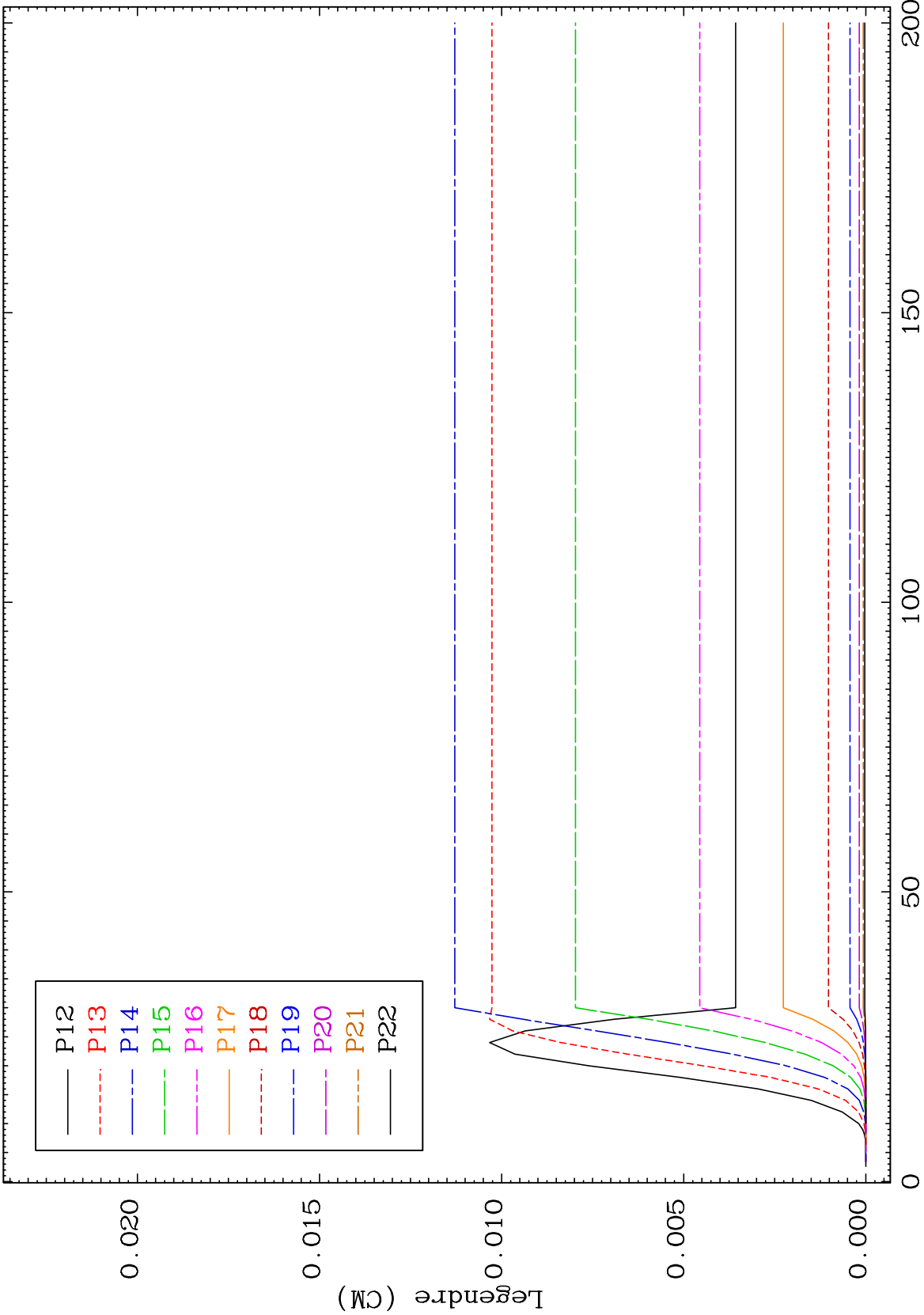
24-Cr-49



MAT 2422

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

24-Cr-49



19

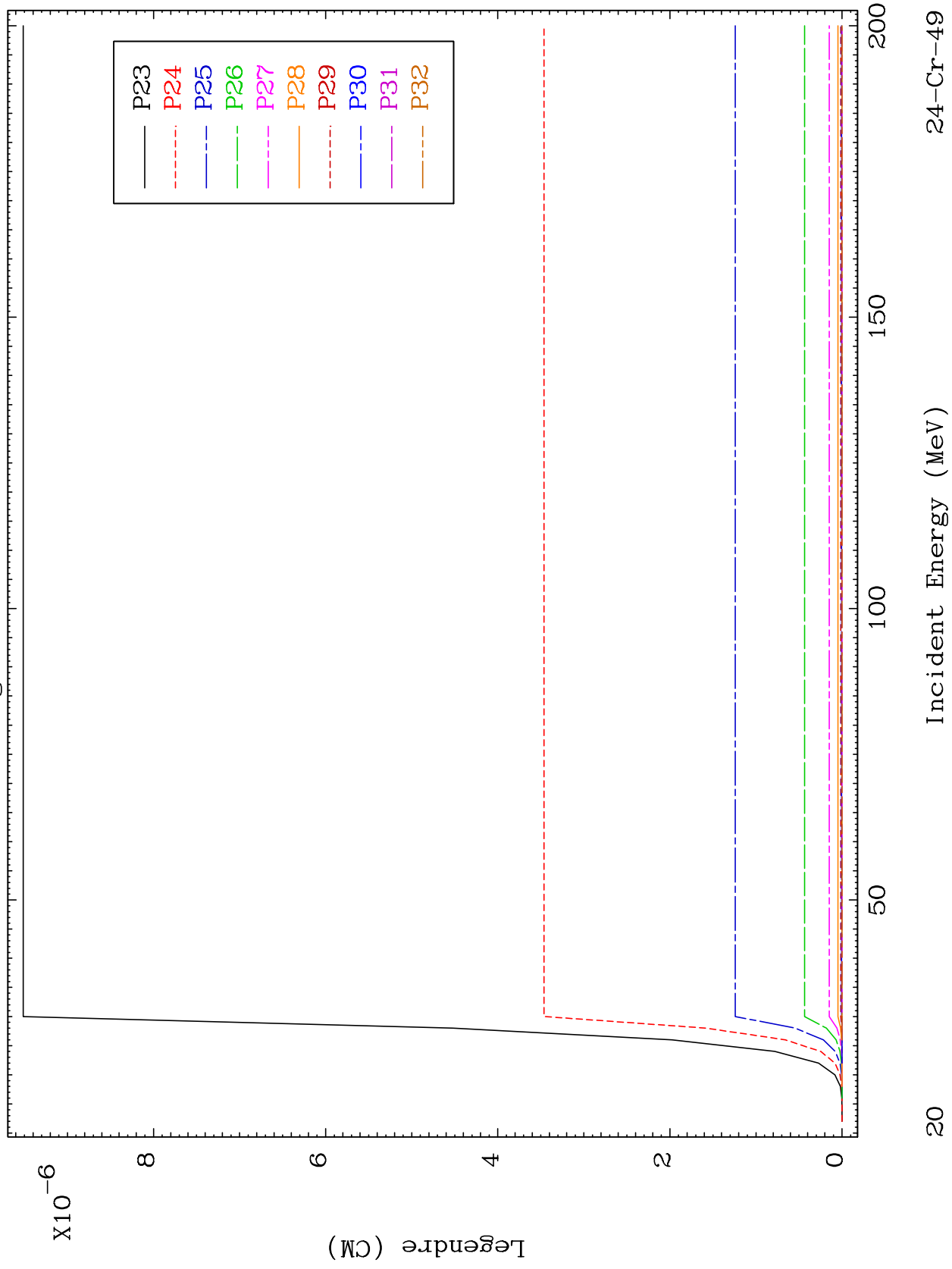
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

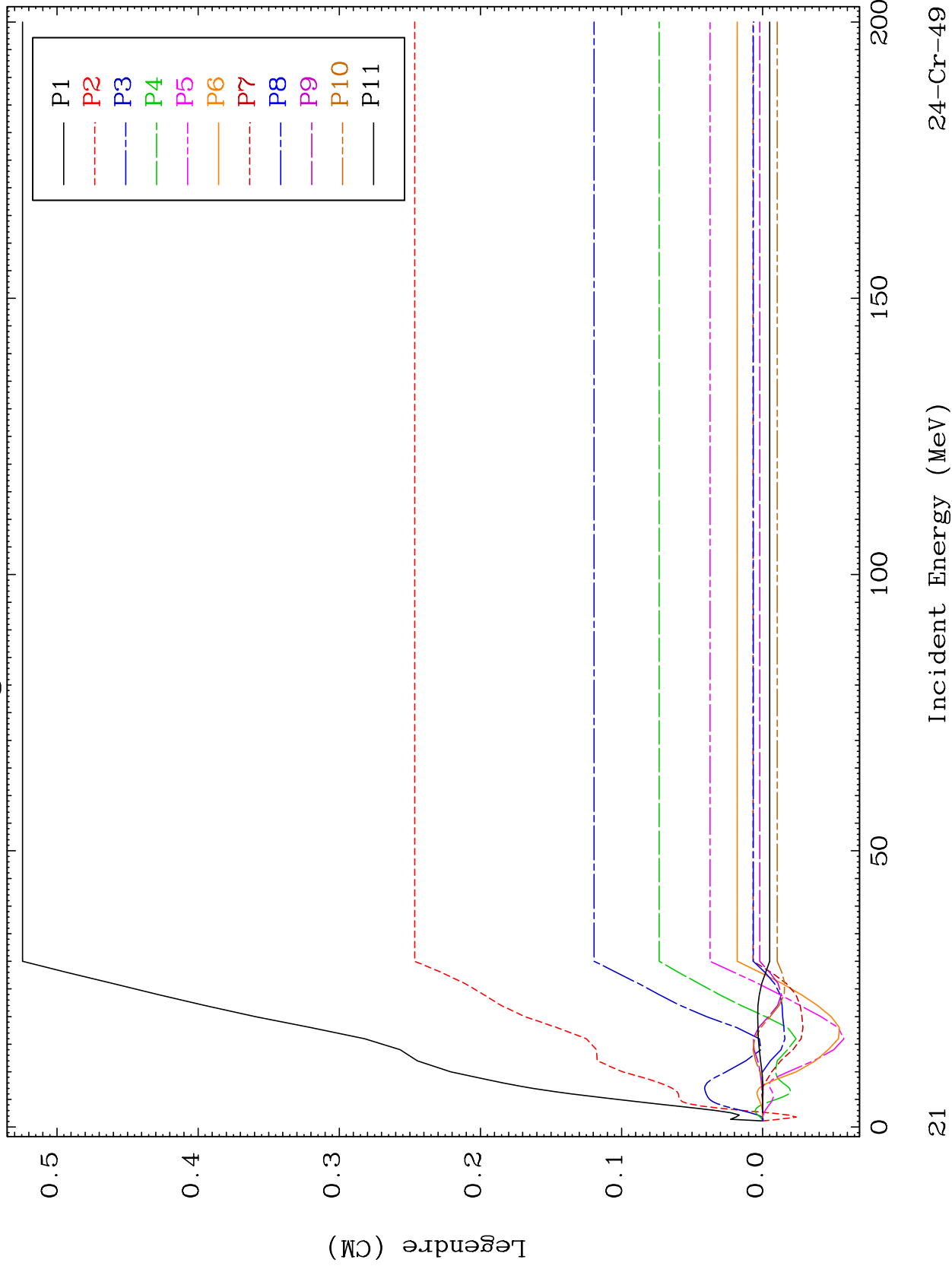
24-Cr-49



MAT 2422

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

24-Cr-49

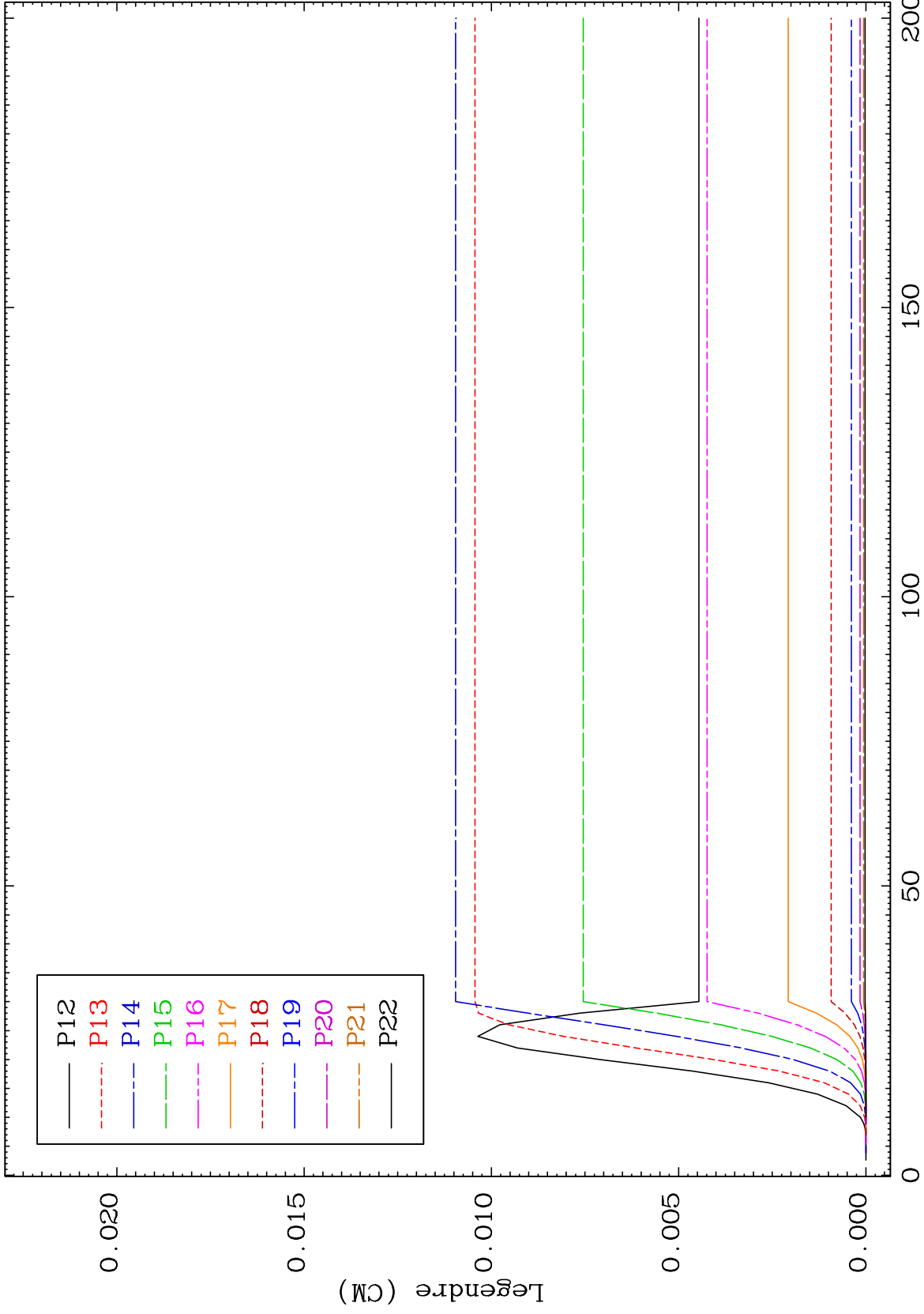


21

MAT 2422

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

24-Cr-49



22

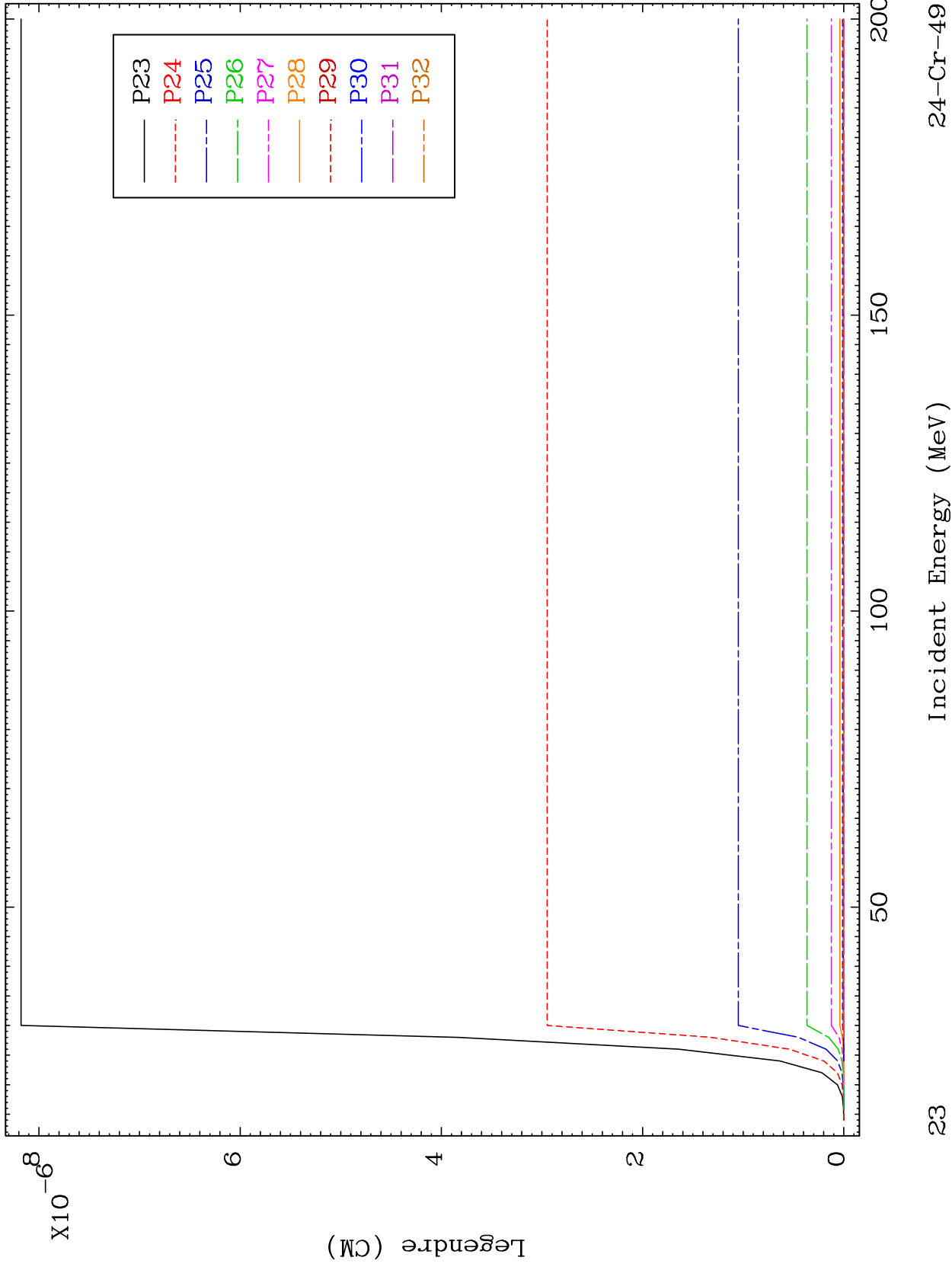
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



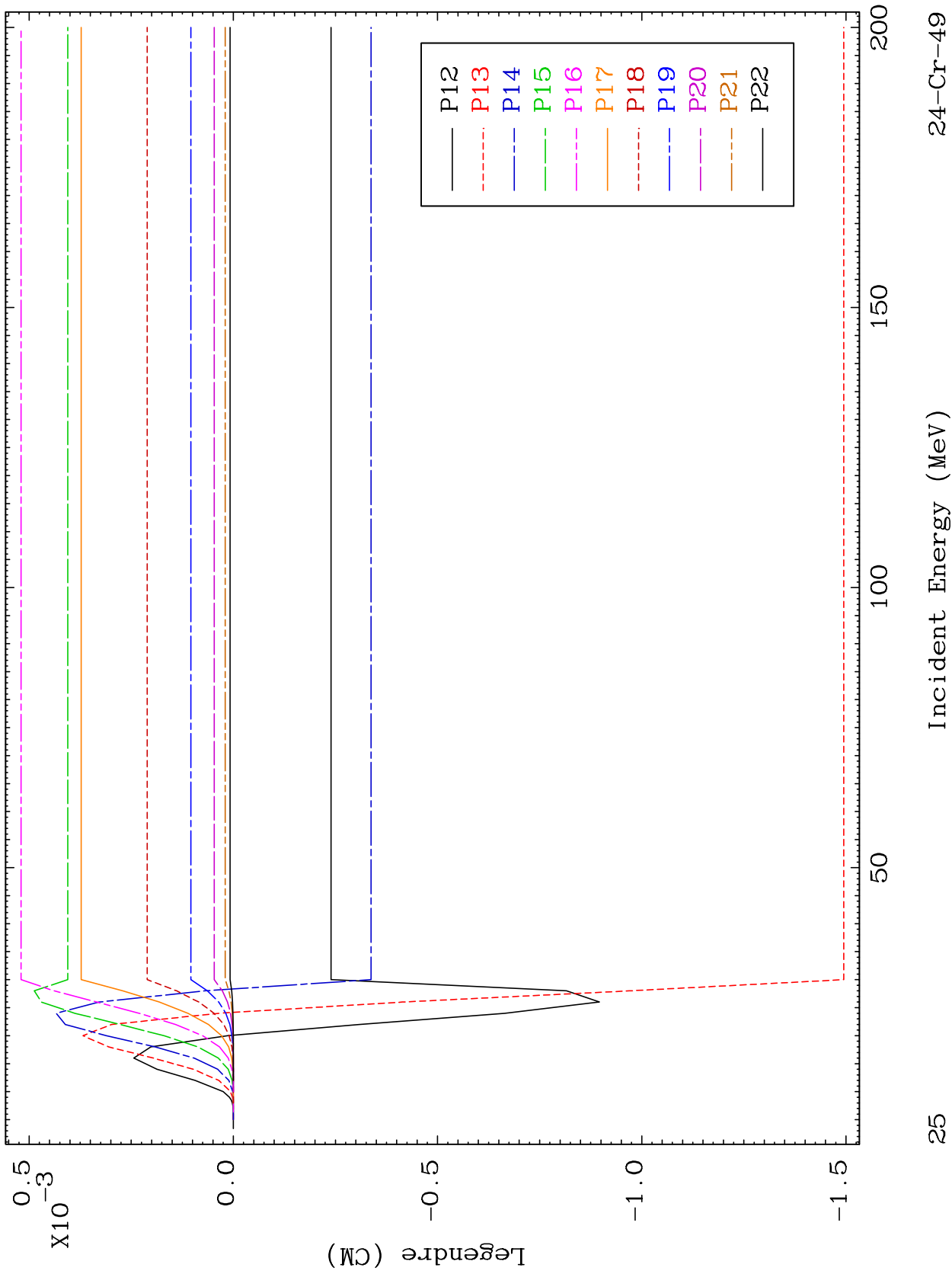




MAT 2422

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

24-Cr-49



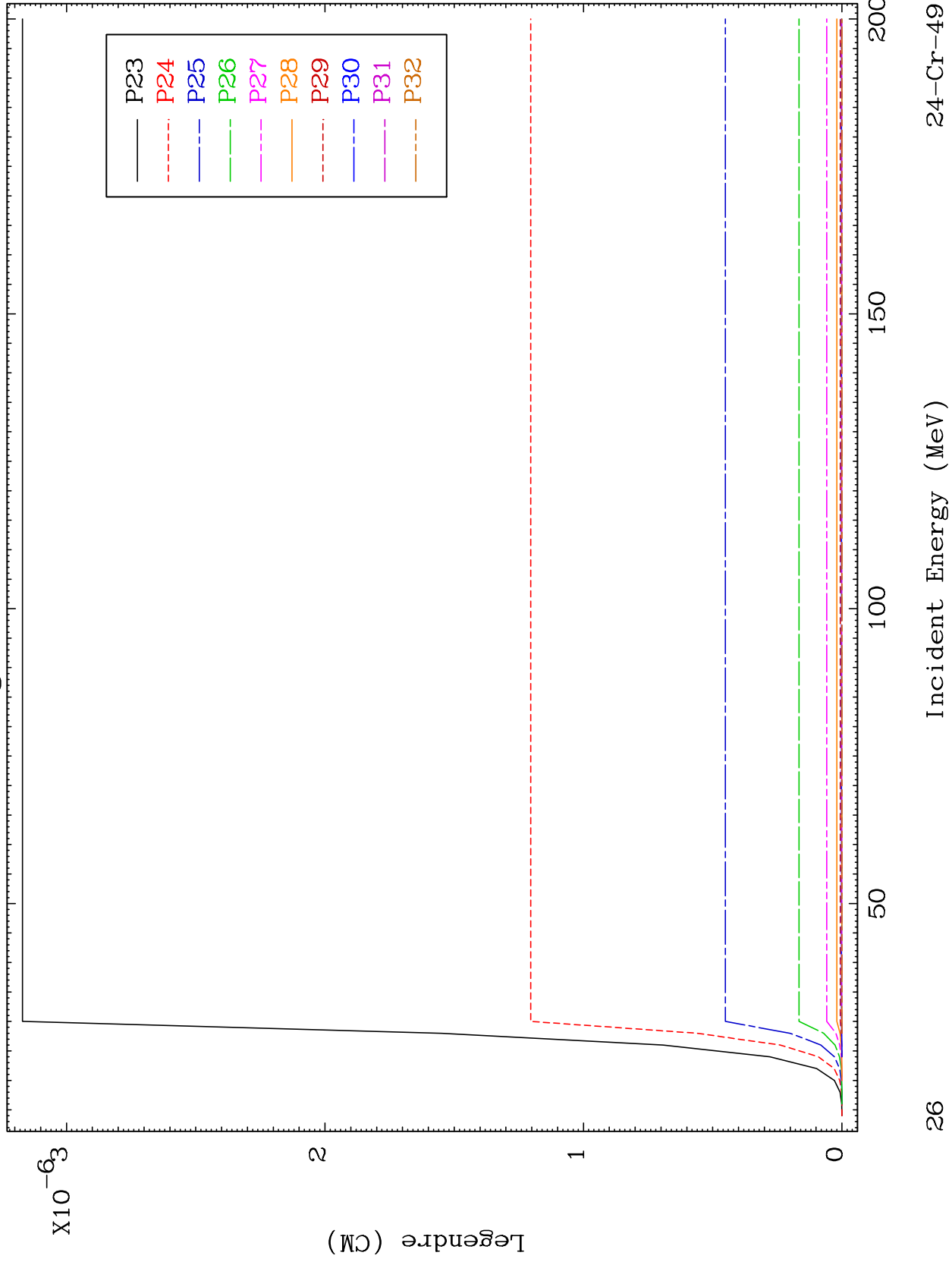
25

24-Cr-49

MAT 2422

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

24-Cr-49



26

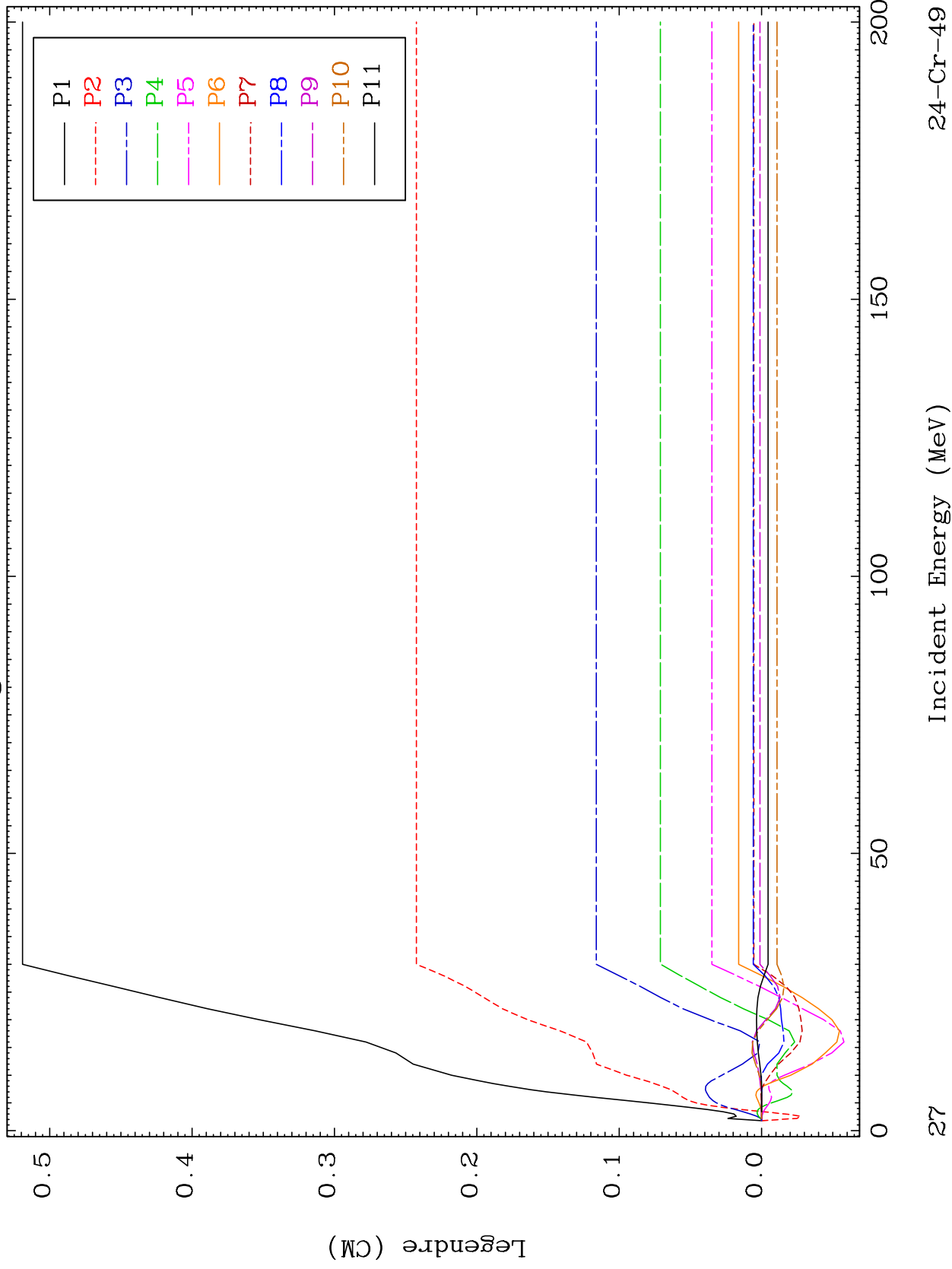
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



24-Cr-49

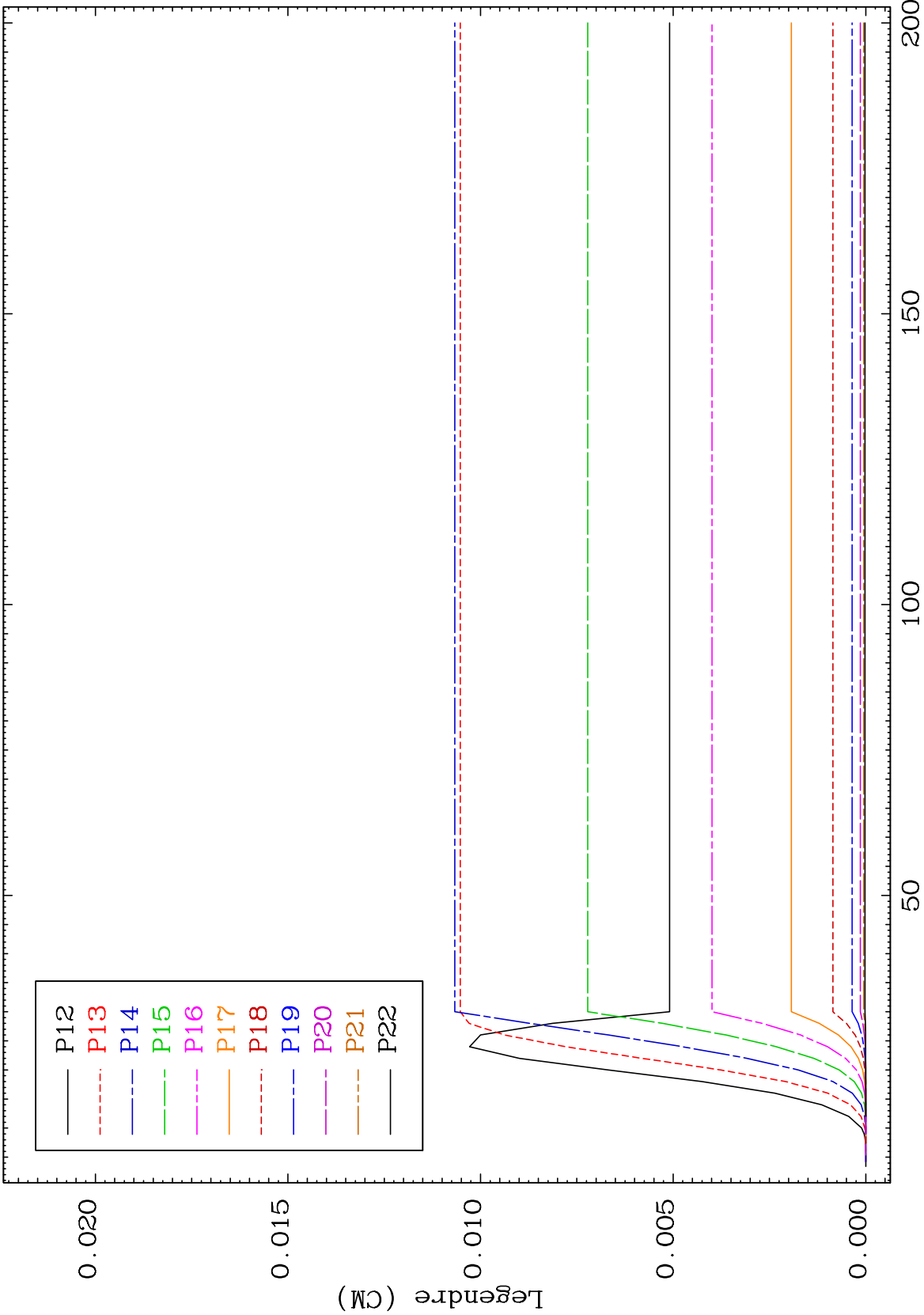
Incident Energy (MeV)

27

MAT 2422

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

24-Cr-49



28

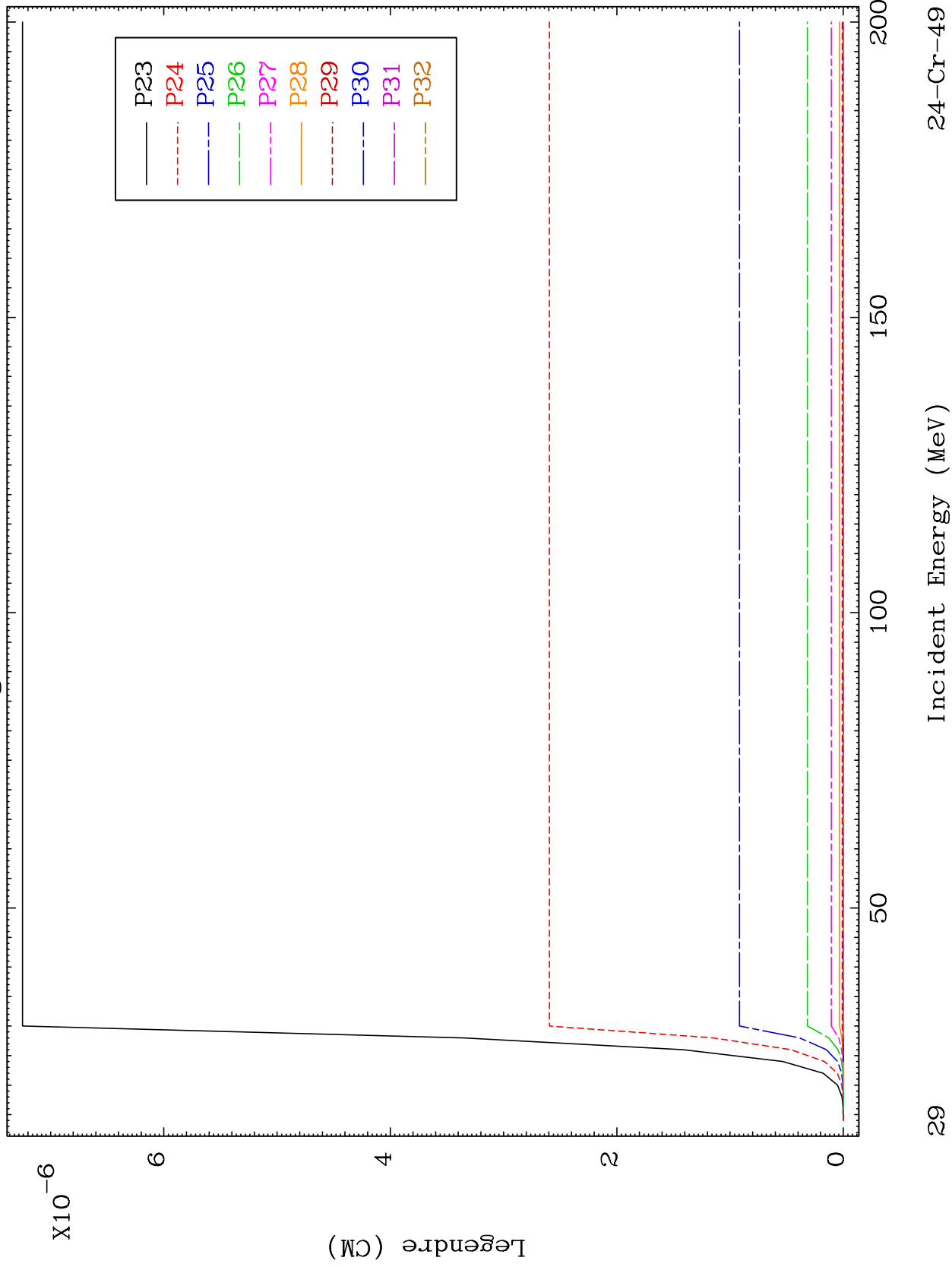
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

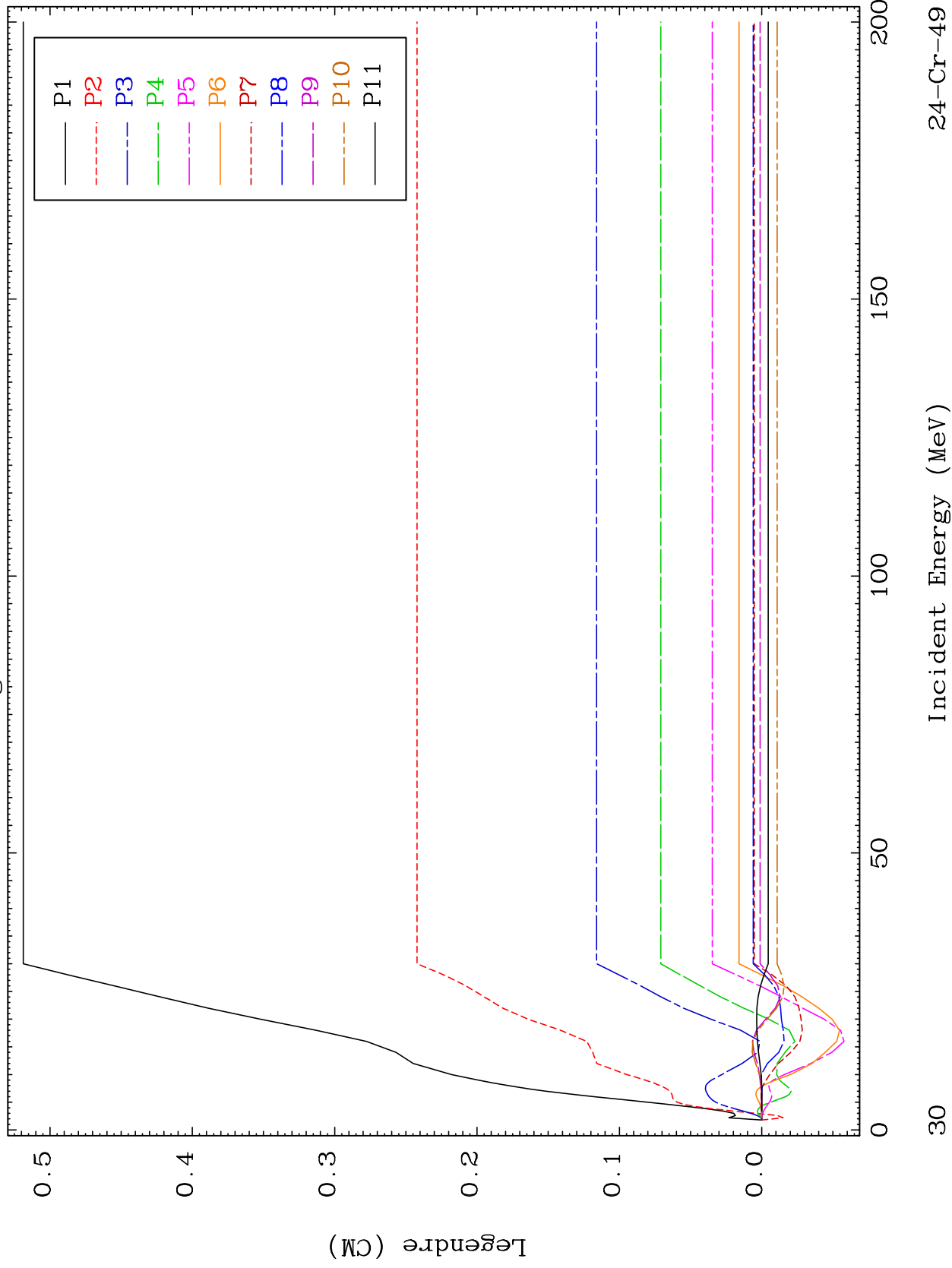
24-Cr-49



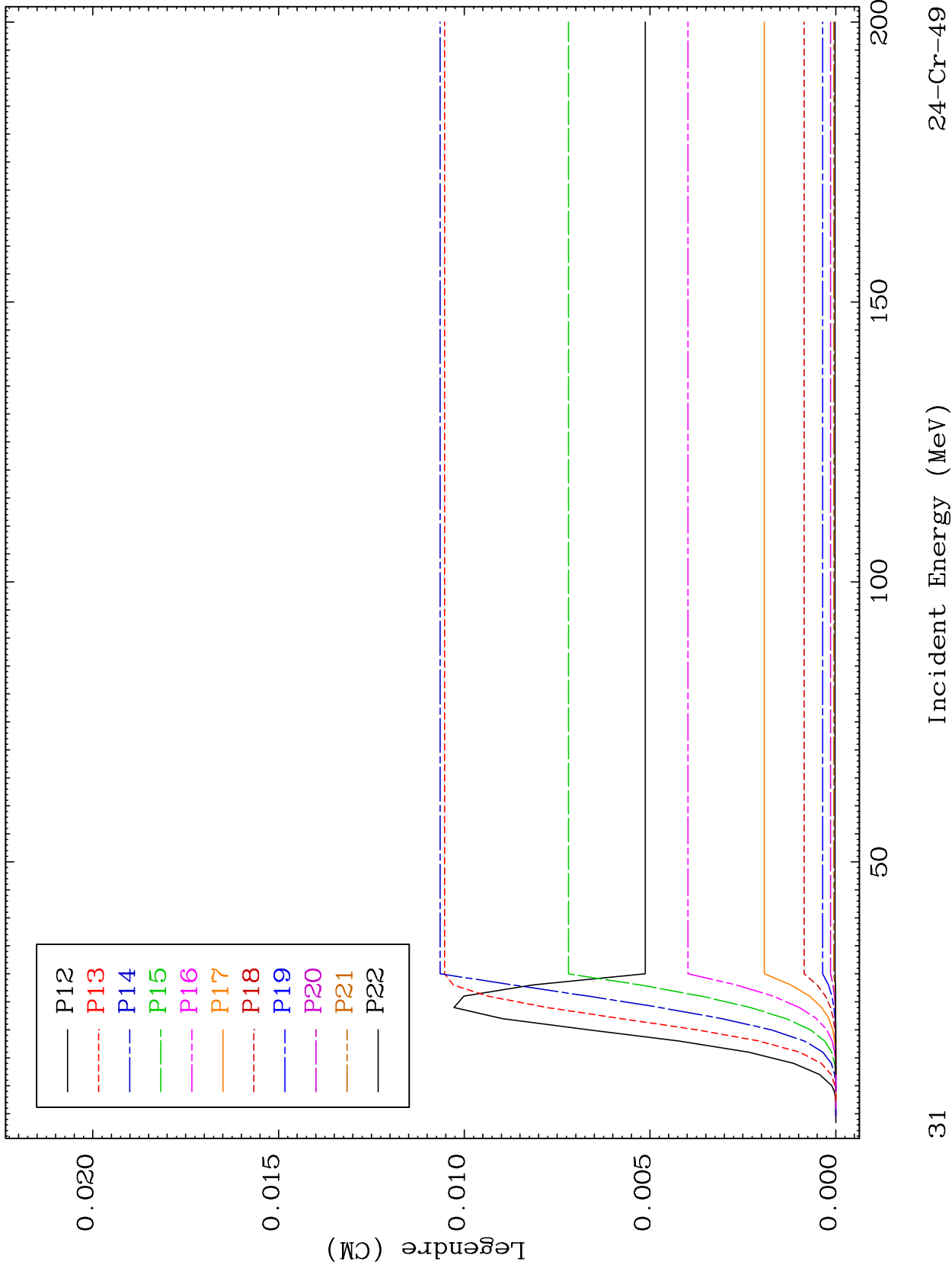
MAT 2422

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

24-Cr-49



24-Cr-49

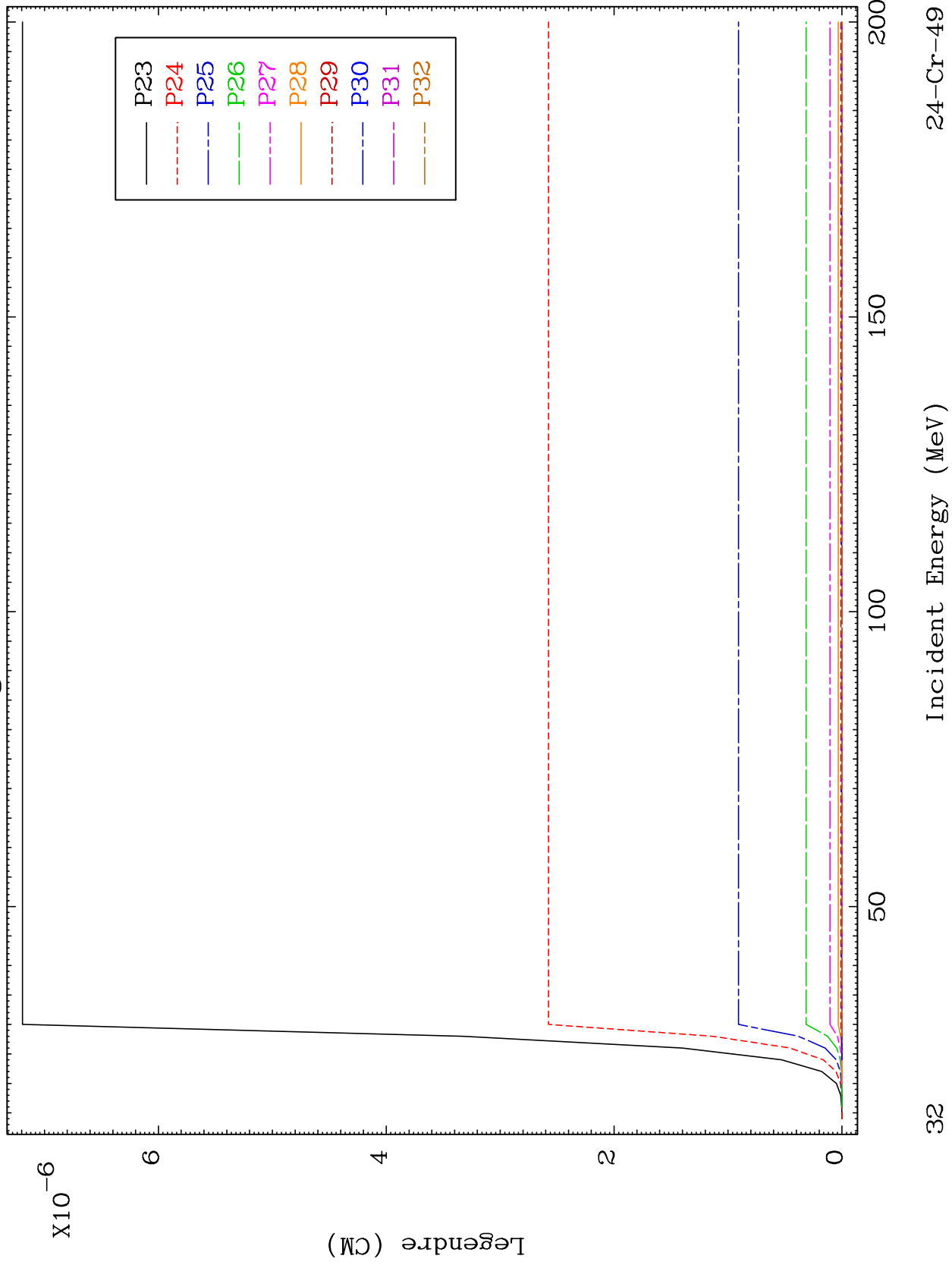




MAT 2422

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

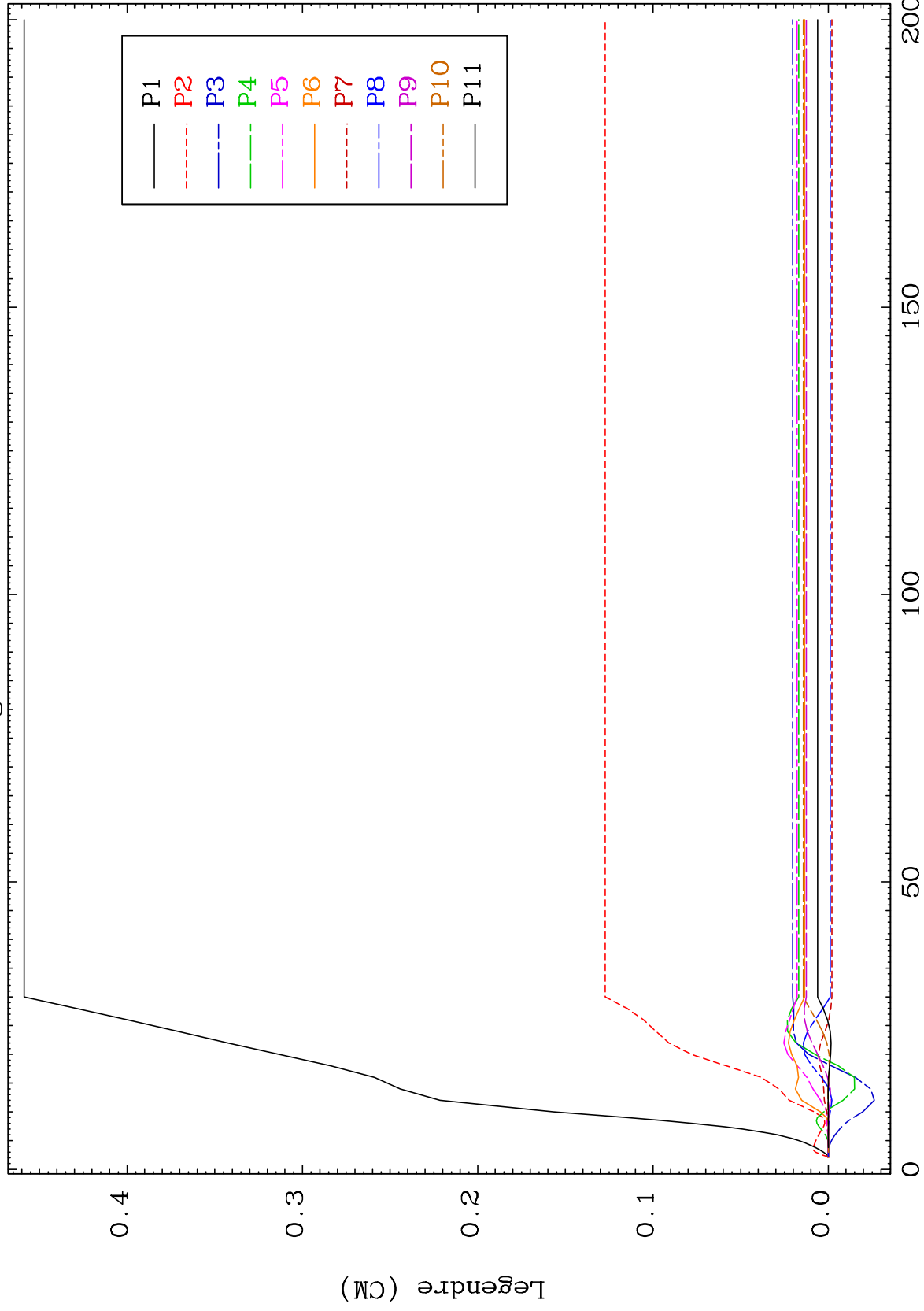
24-Cr-49



MAT 2422

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

24-Cr-49



33

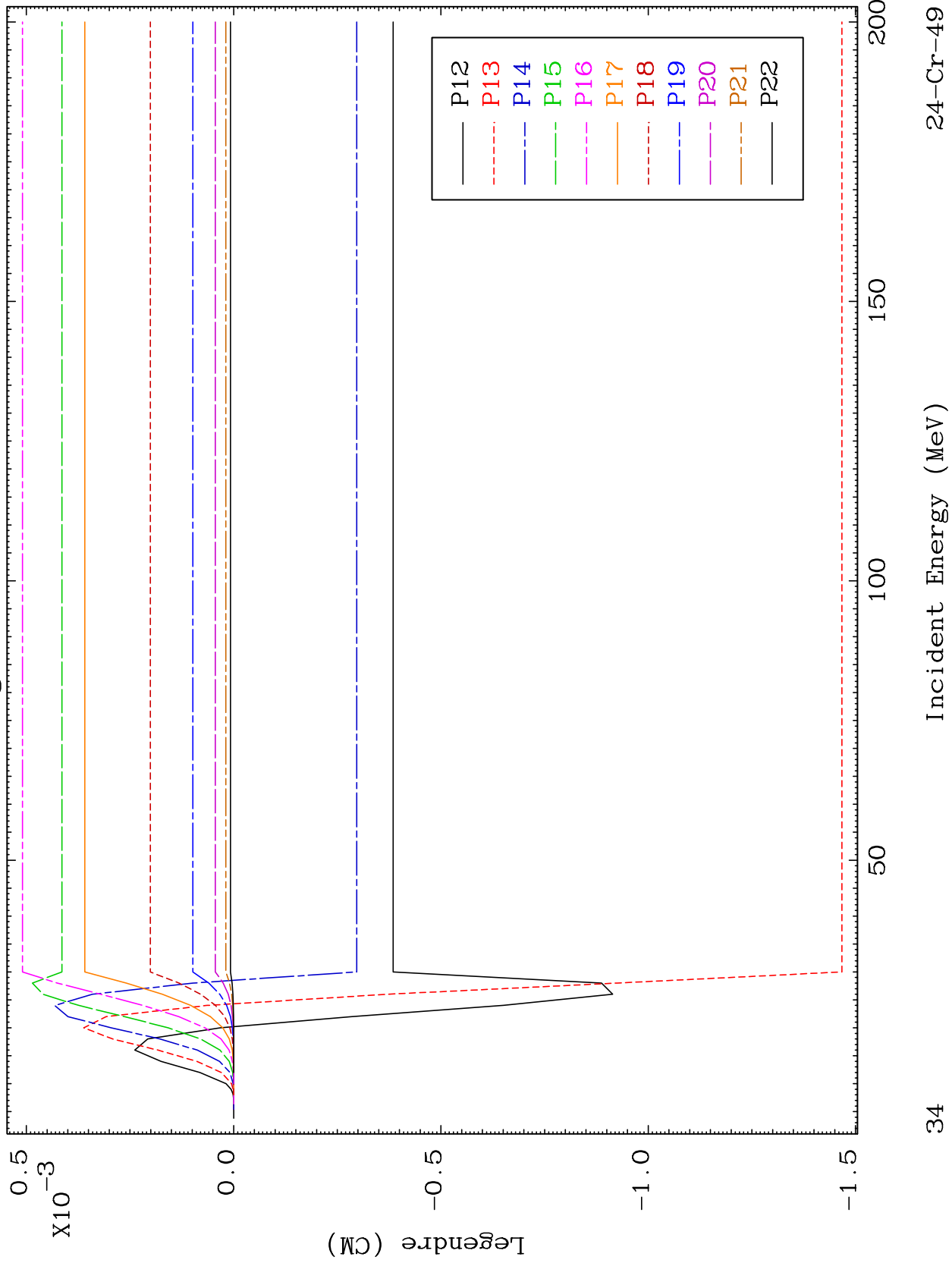
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



34

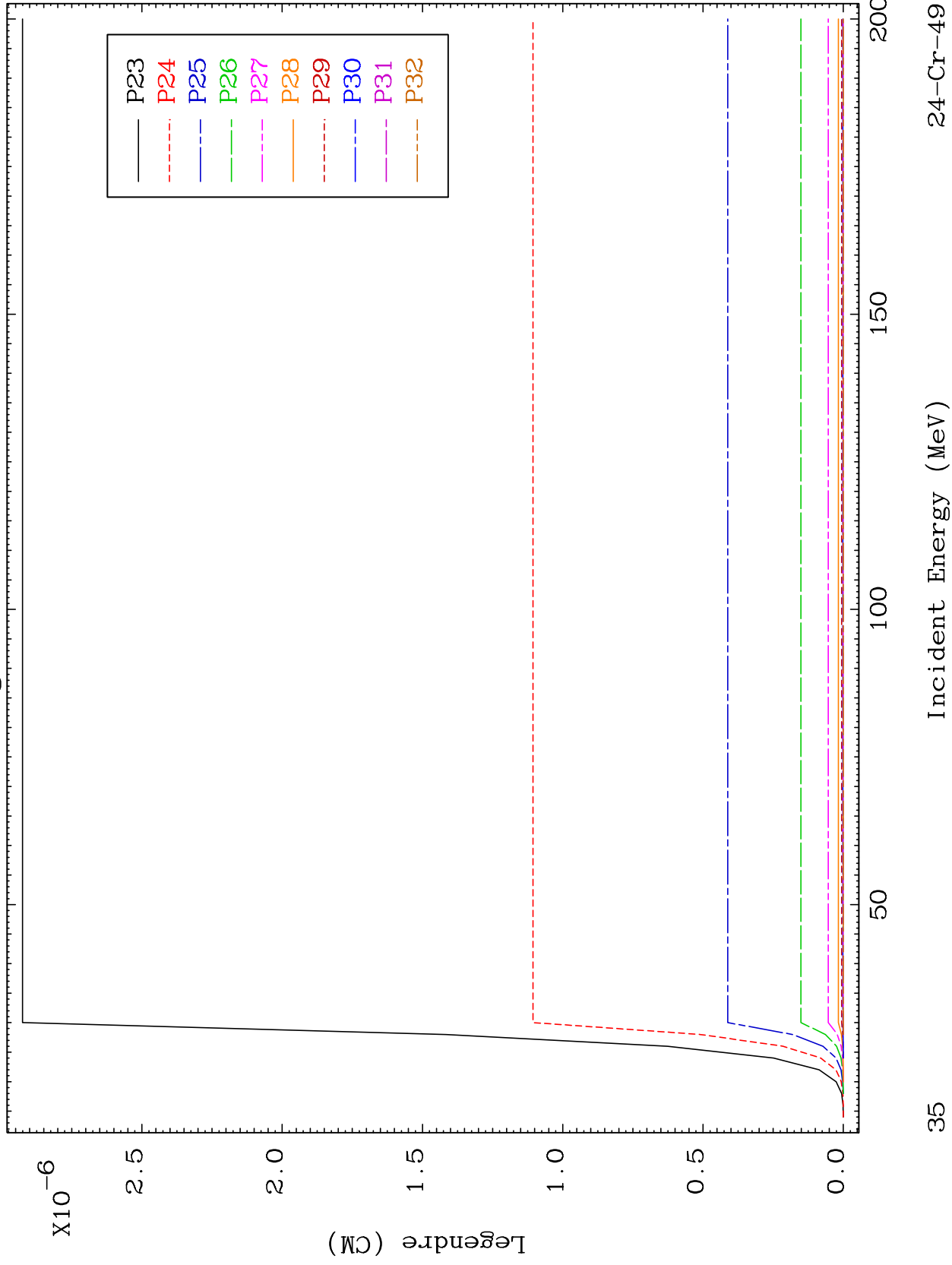
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



35

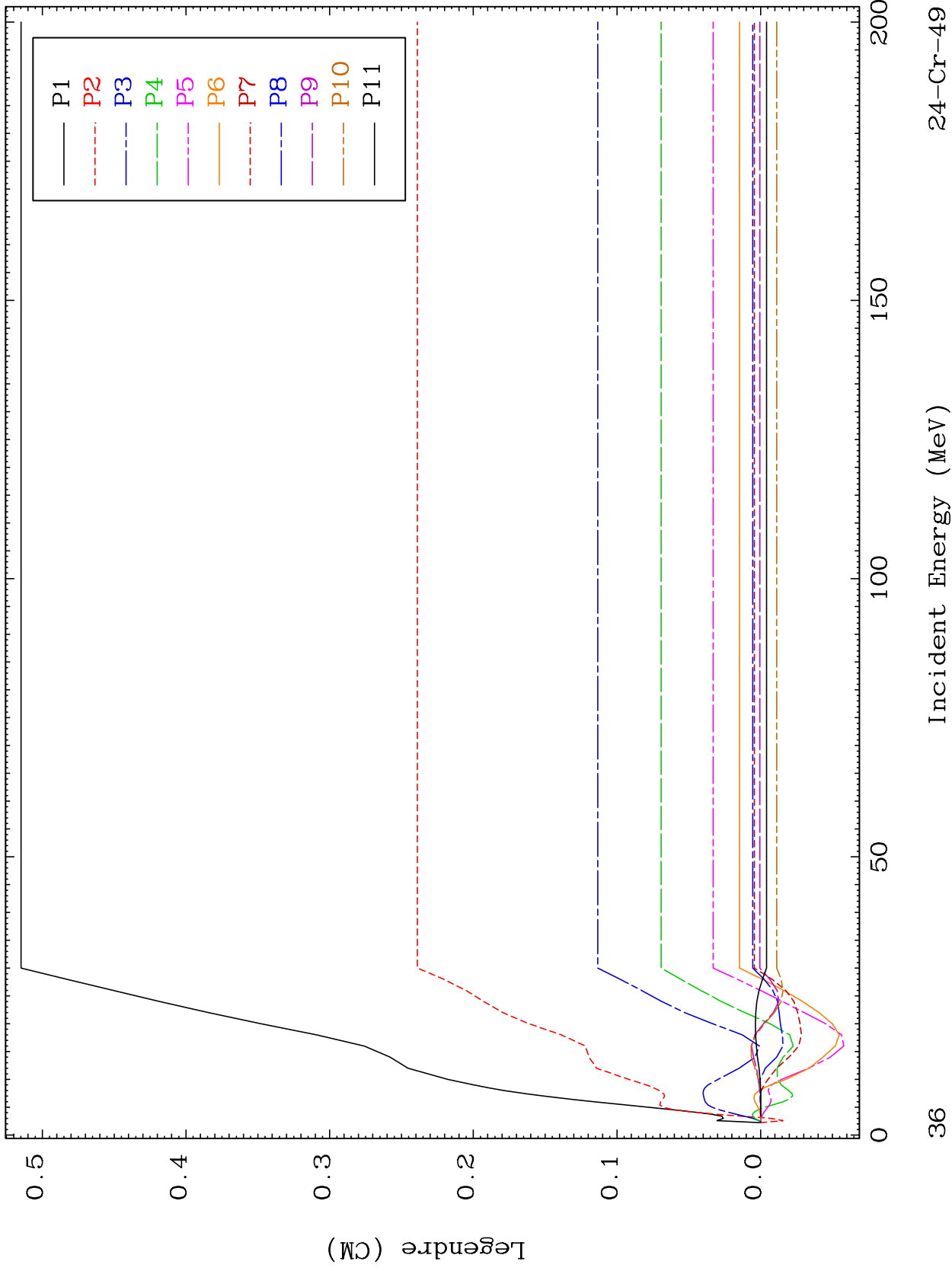
Incident Energy (MeV)

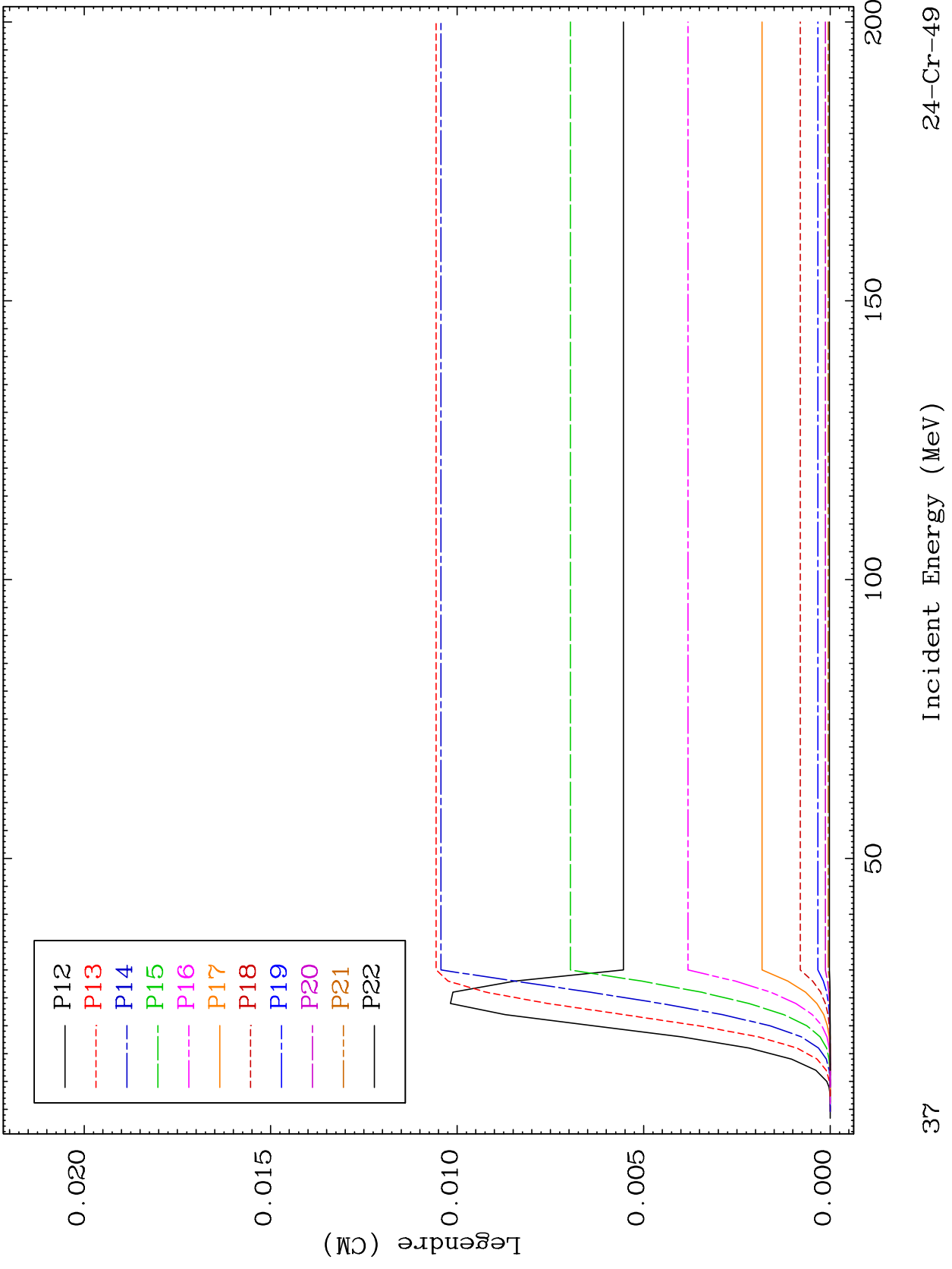
24-Cr-49

MAT 2422

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

24-Cr-49

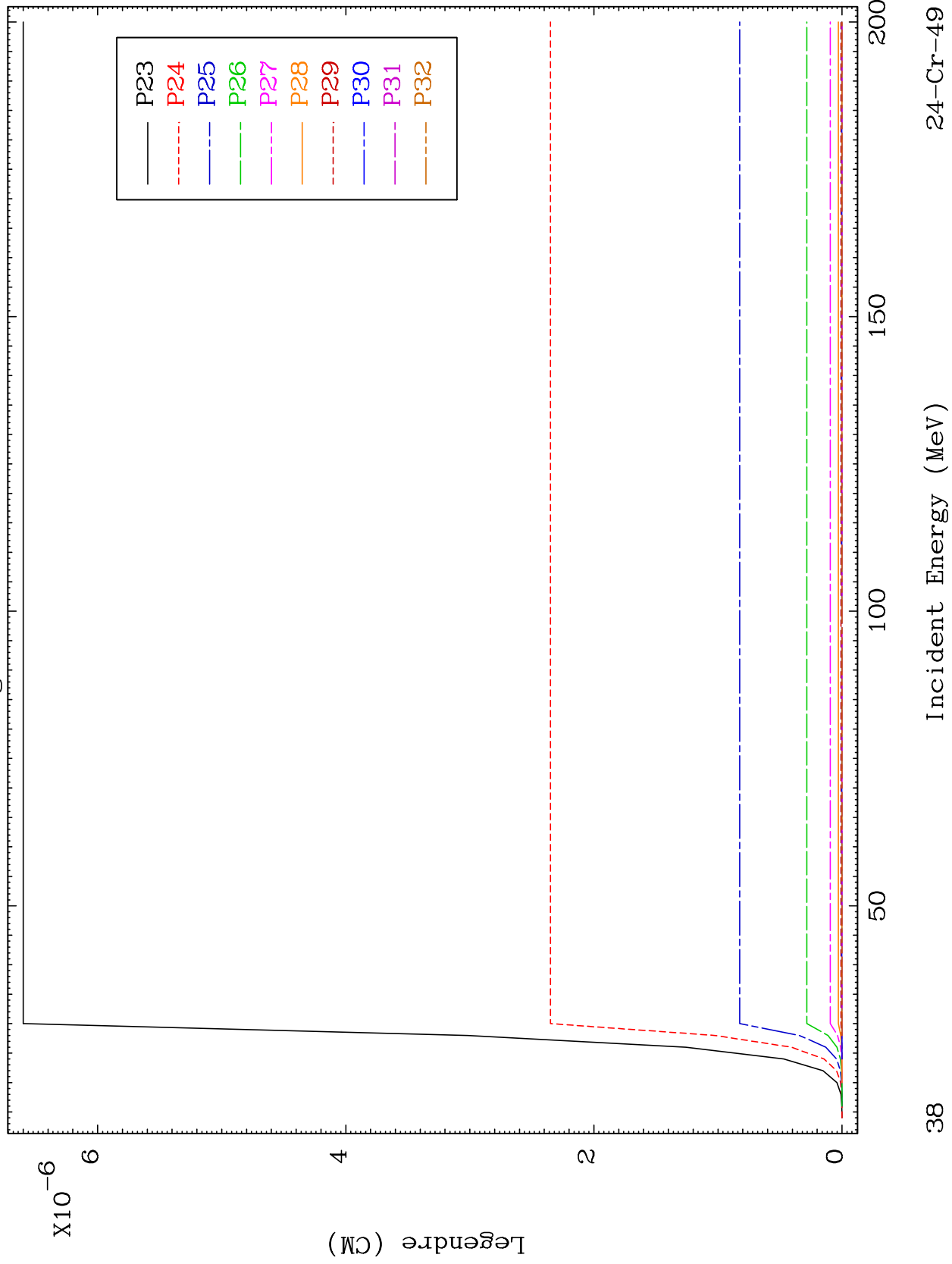




MAT 2422

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

24-Cr-49



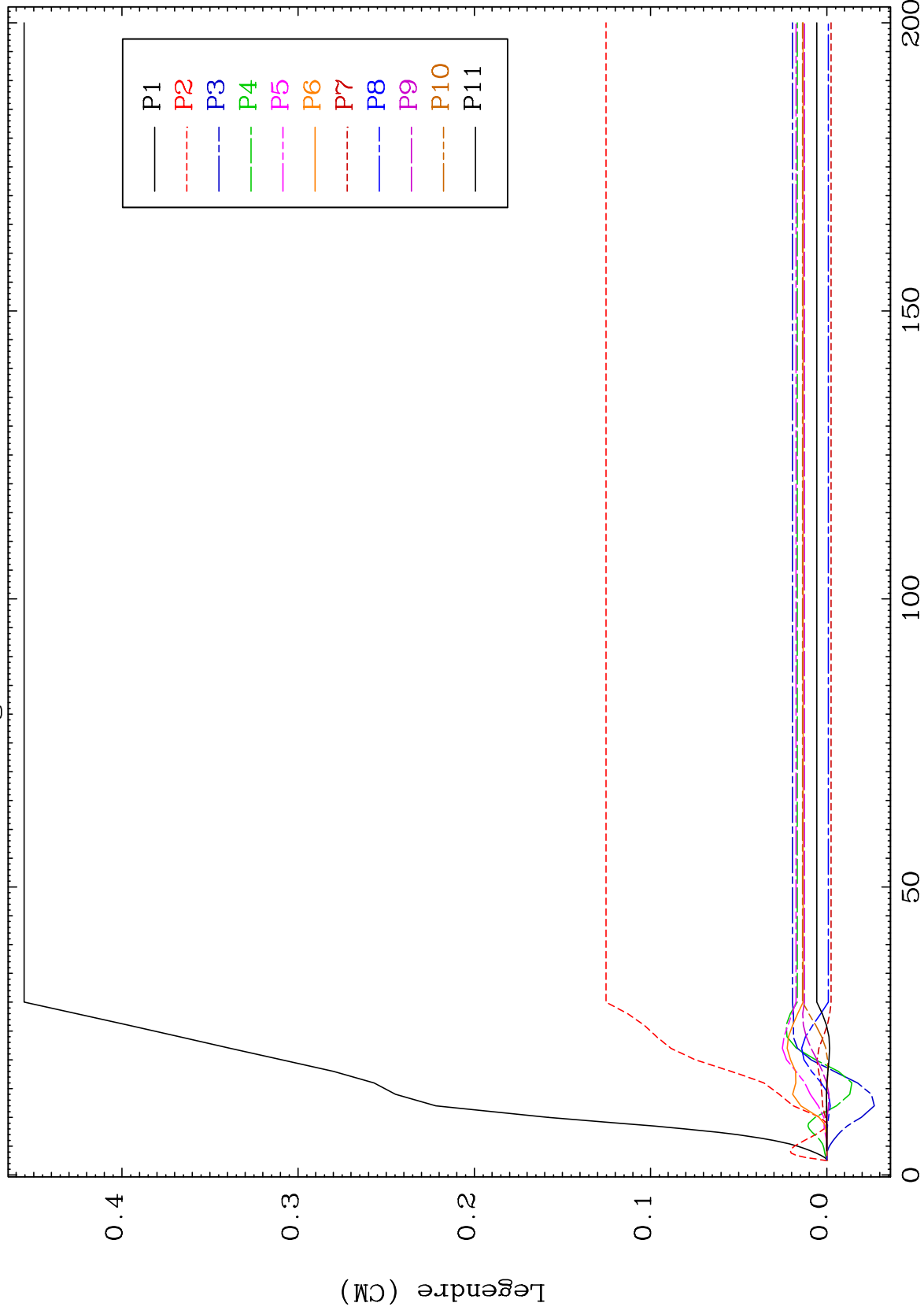
38

200

MAT 2422

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

24-Cr-49



39

Incident Energy (MeV)

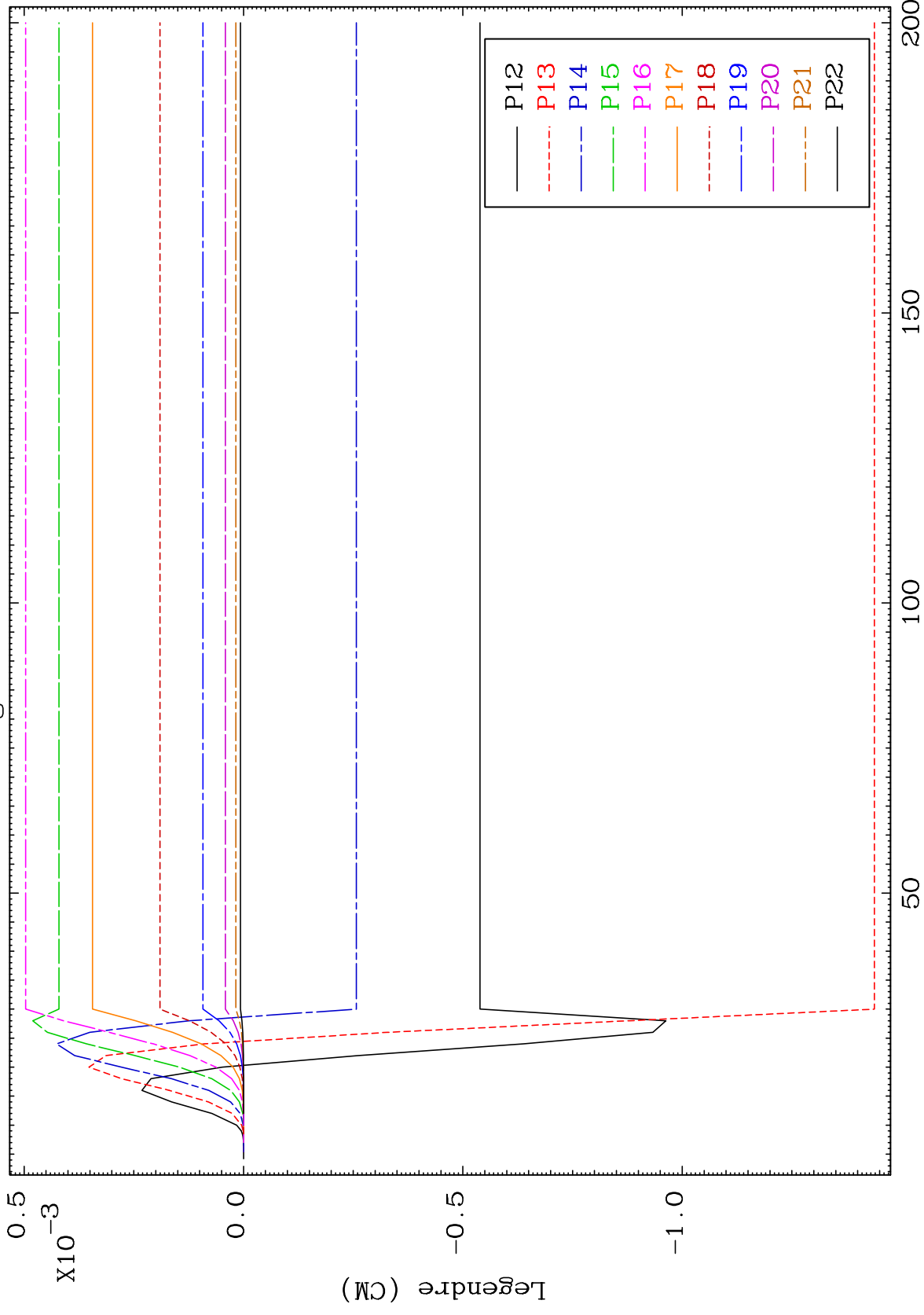
24-Cr-49



MAT 2422

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

24-Cr-49



40

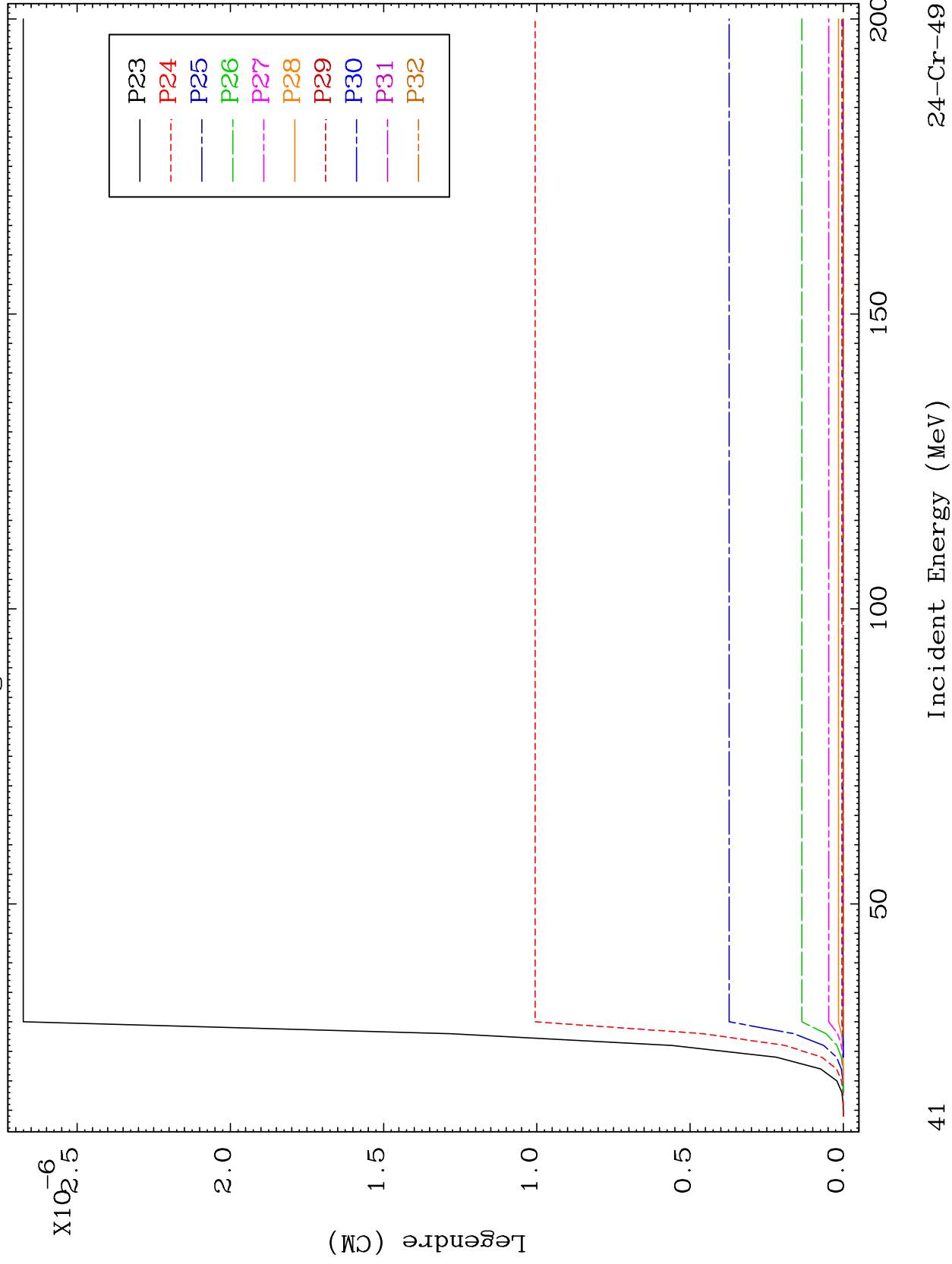
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



41

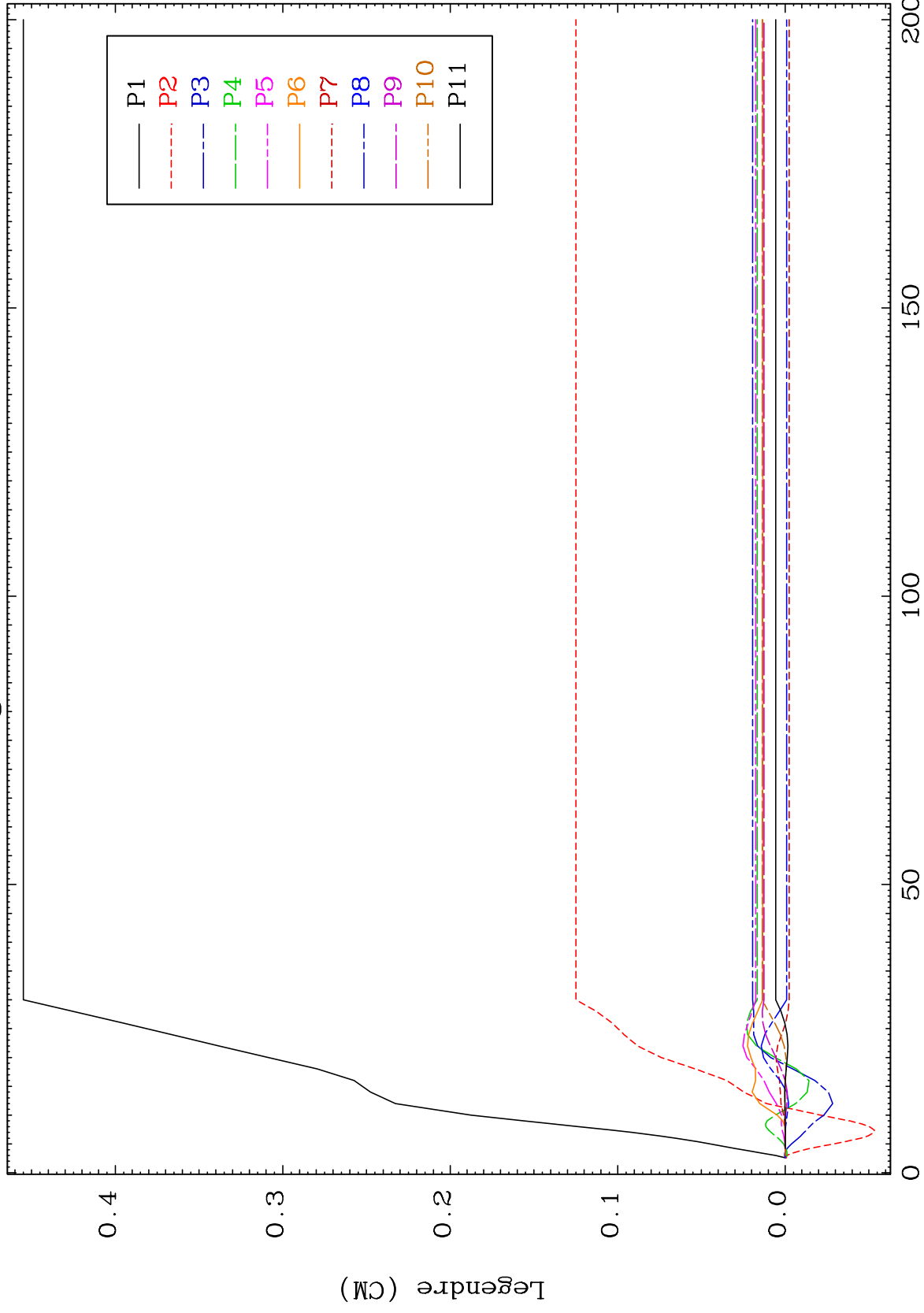
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



42

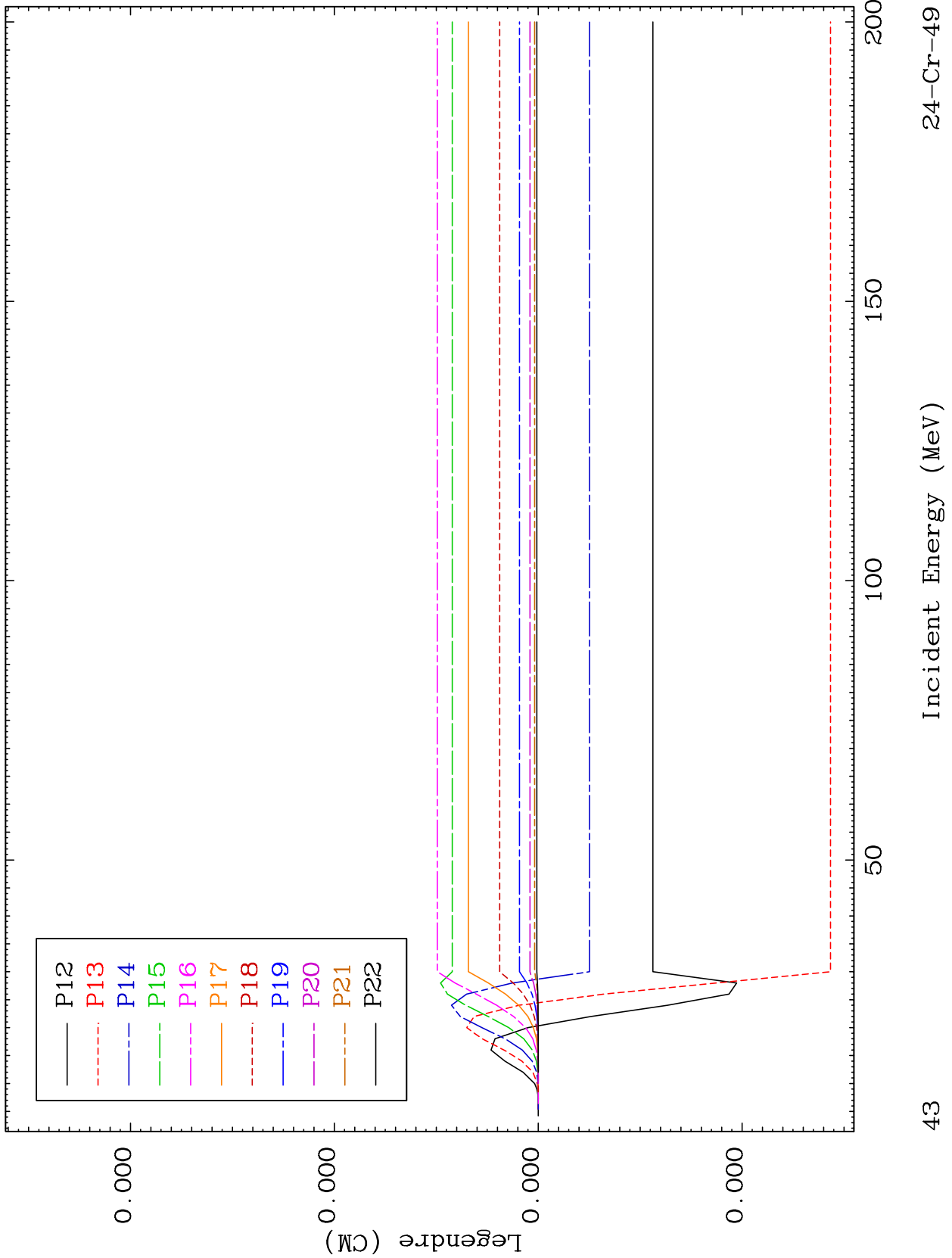
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

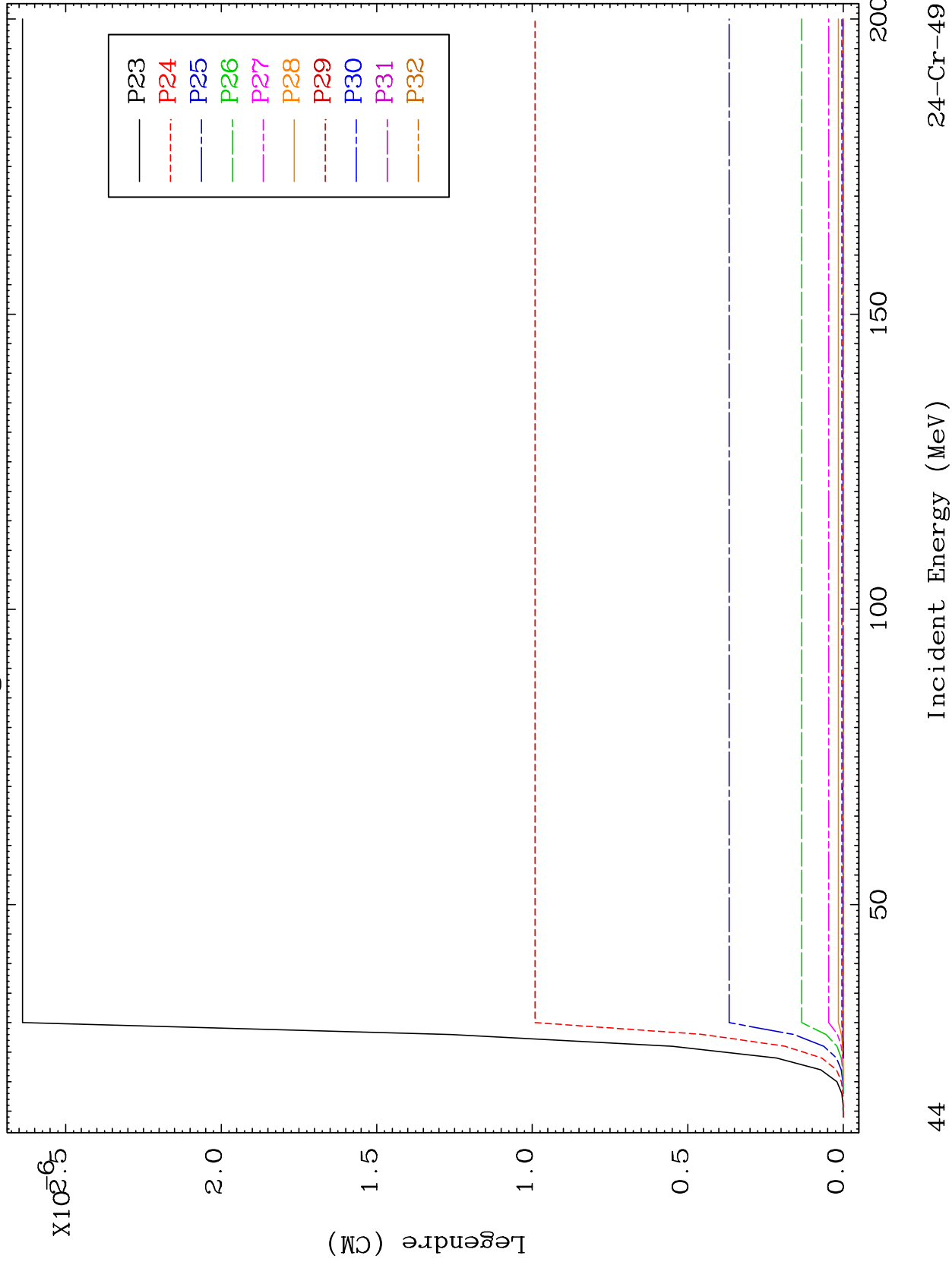
24-Cr-49



MAT 2422

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

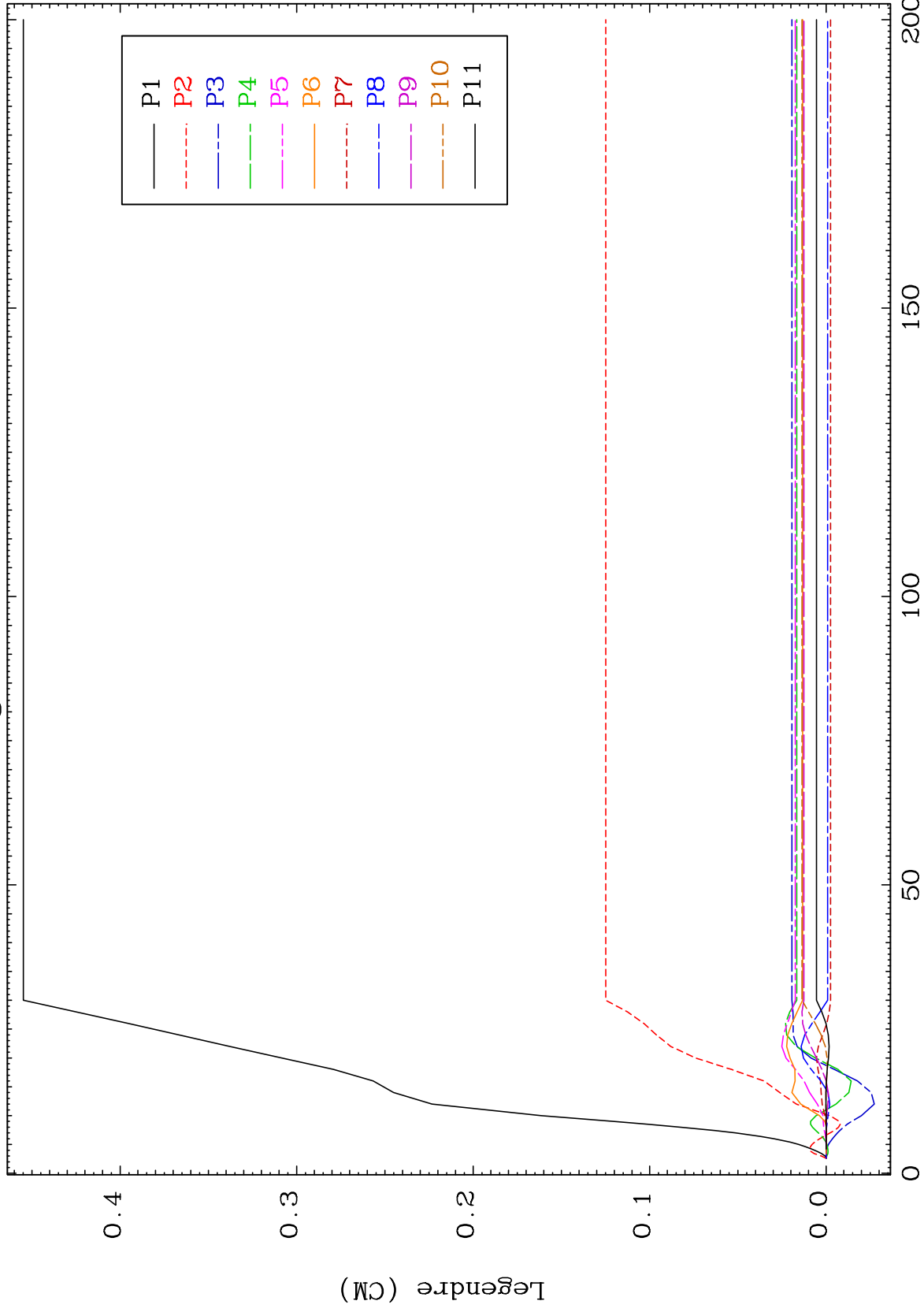
24-Cr-49



MAT 2422

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

24-Cr-49



24-Cr-49

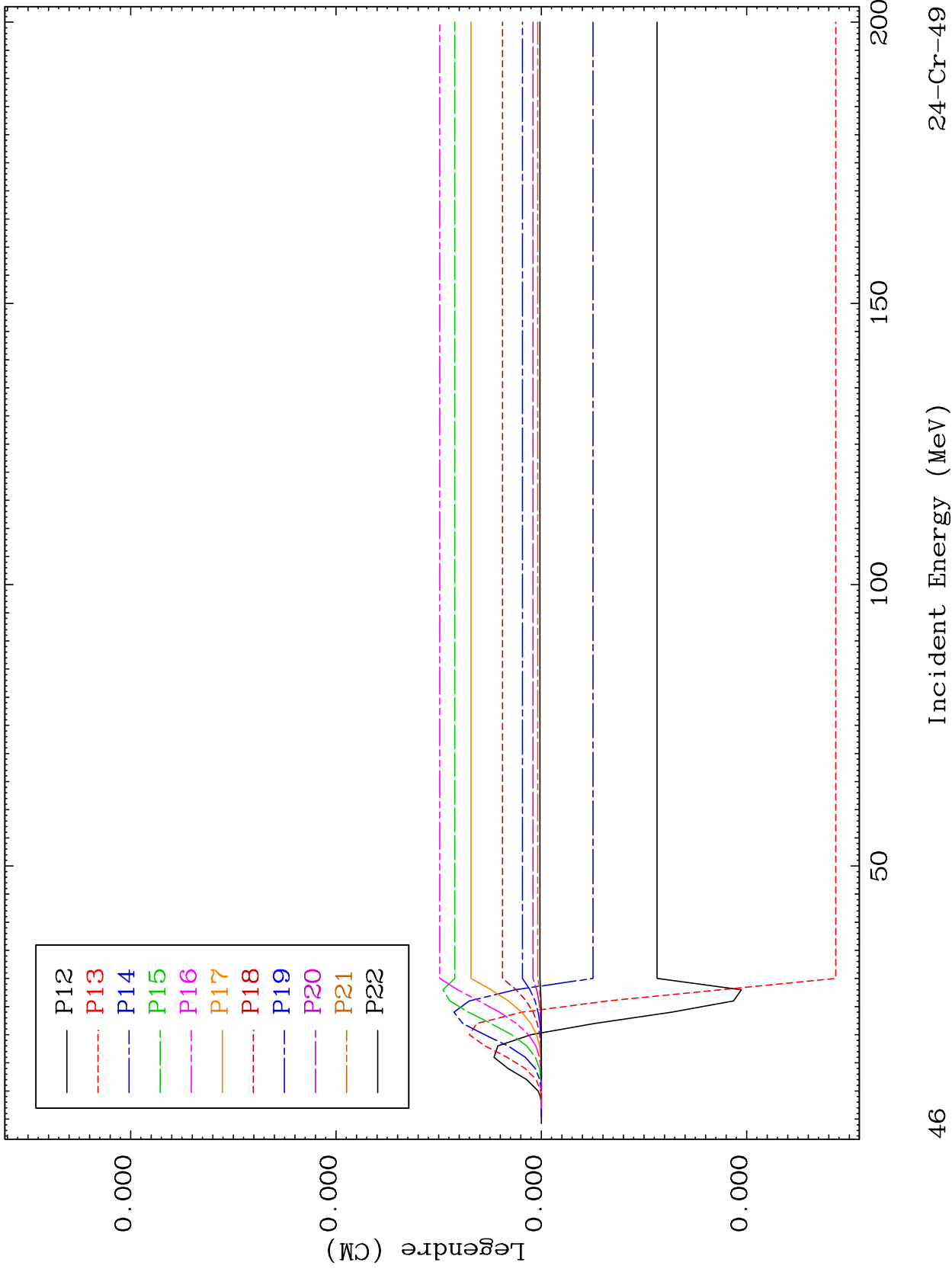
Incident Energy (MeV)

45

MAT 2422

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

24-Cr-49



46

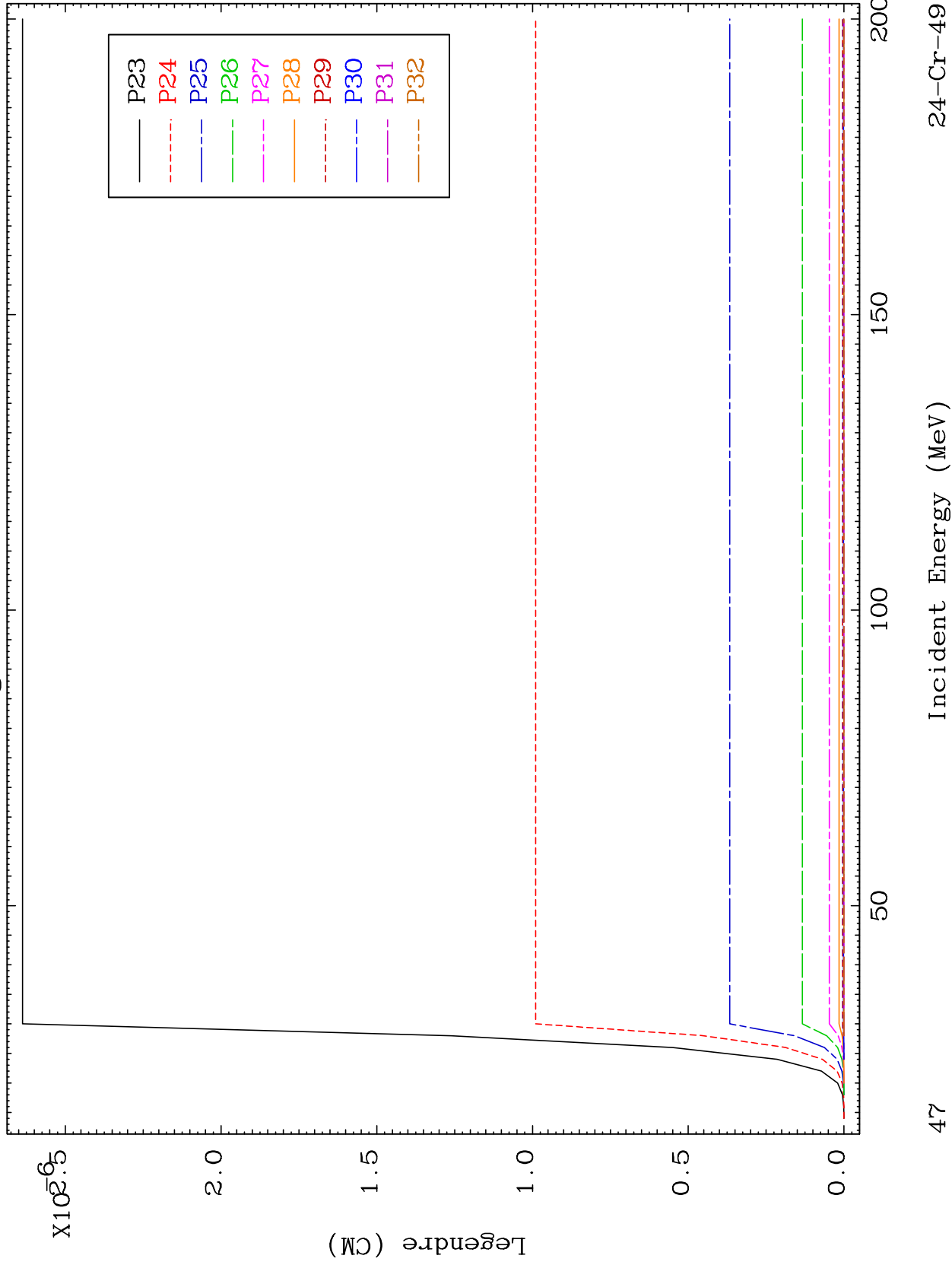
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49

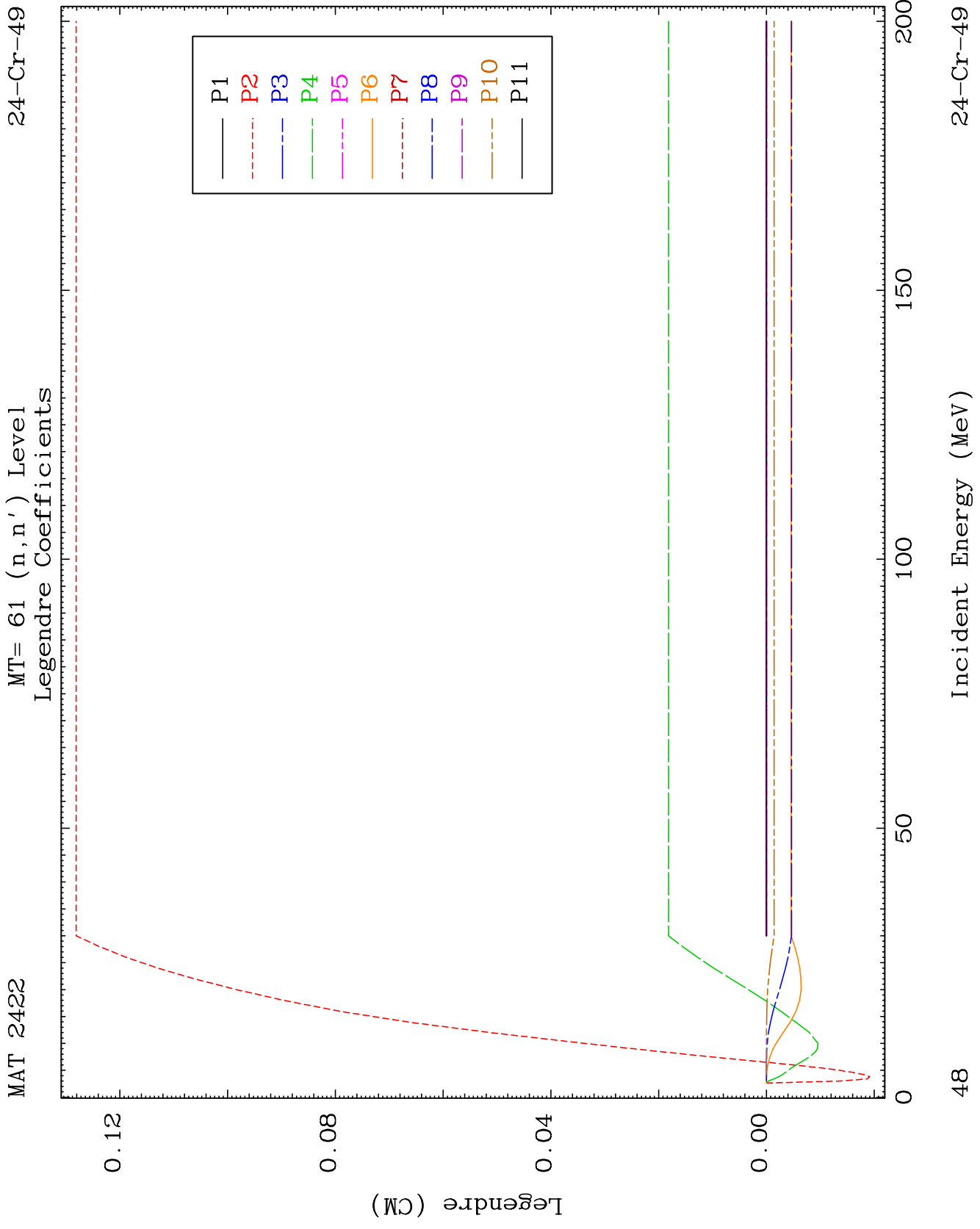


47

Incident Energy (MeV)

24-Cr-49

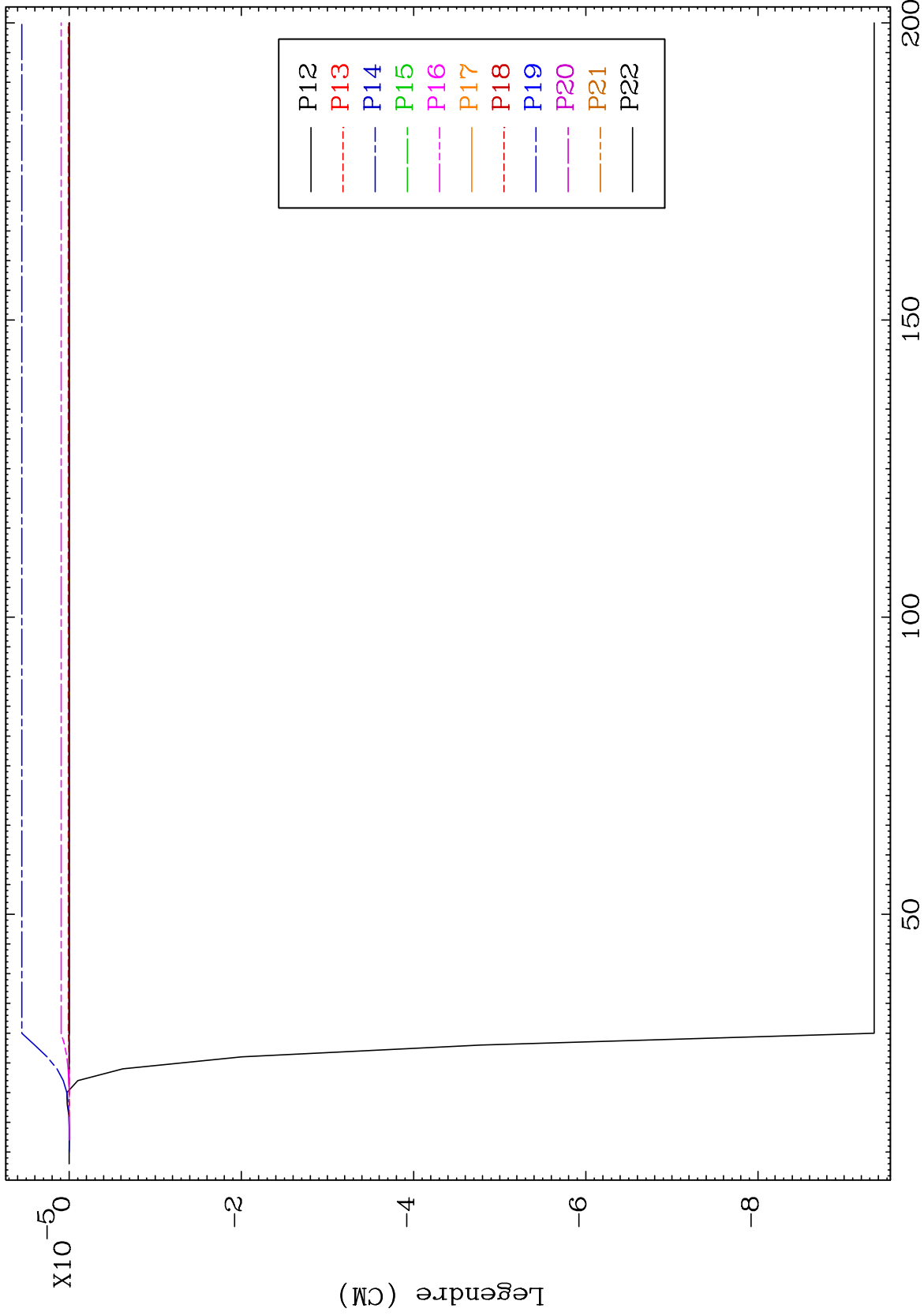




MAT 2422

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

24-Cr-49

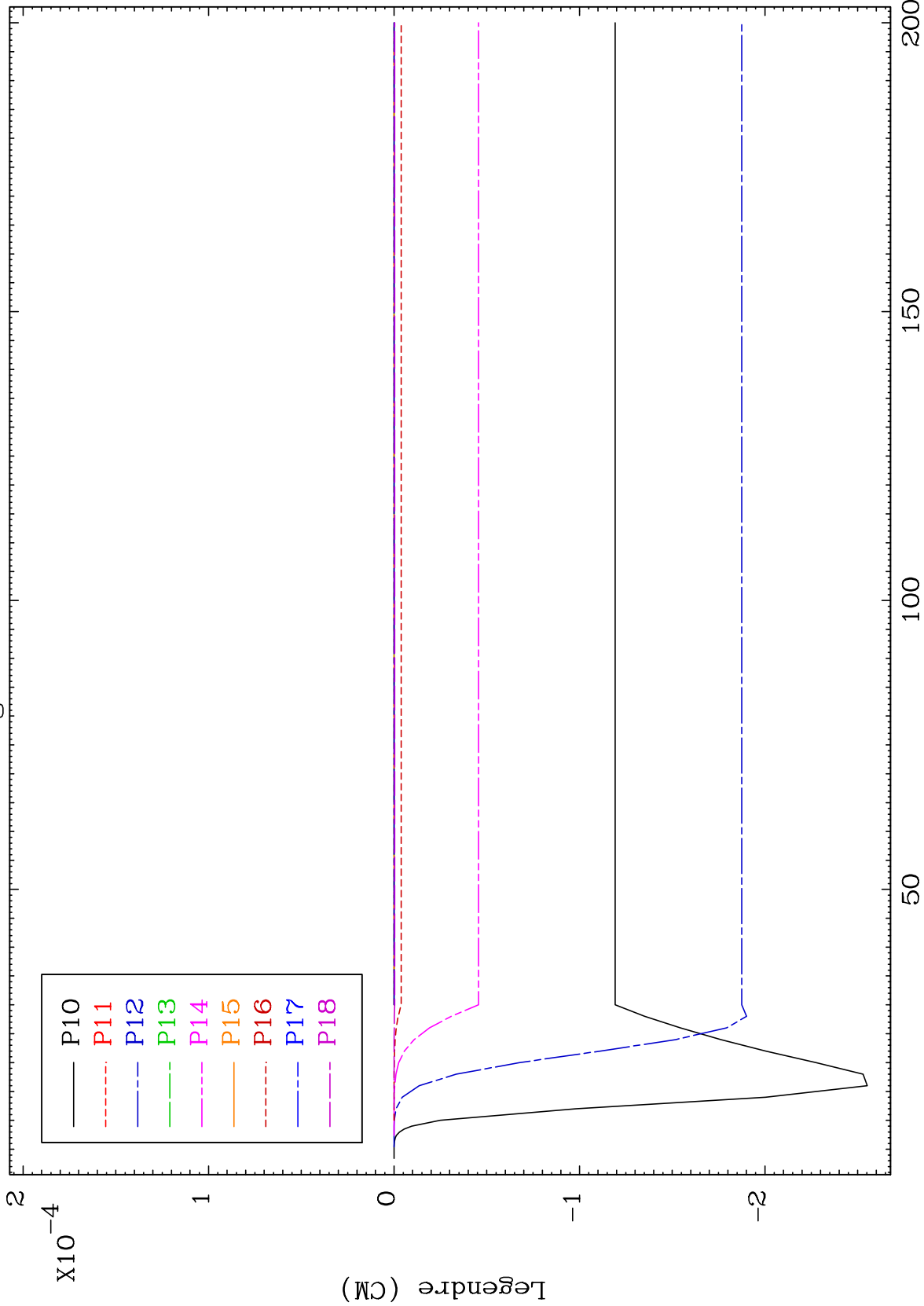


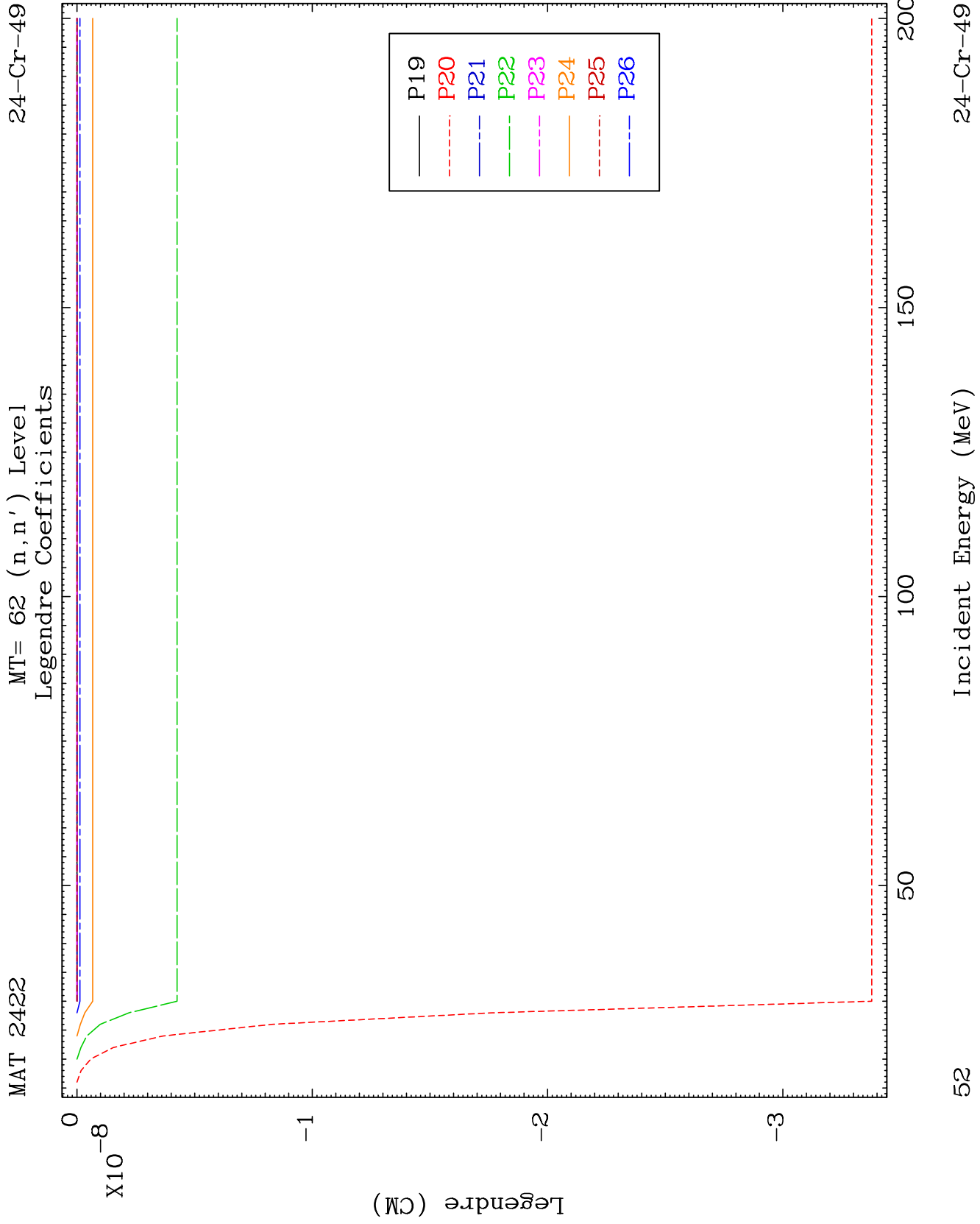
49

Incident Energy (MeV)

24-Cr-49



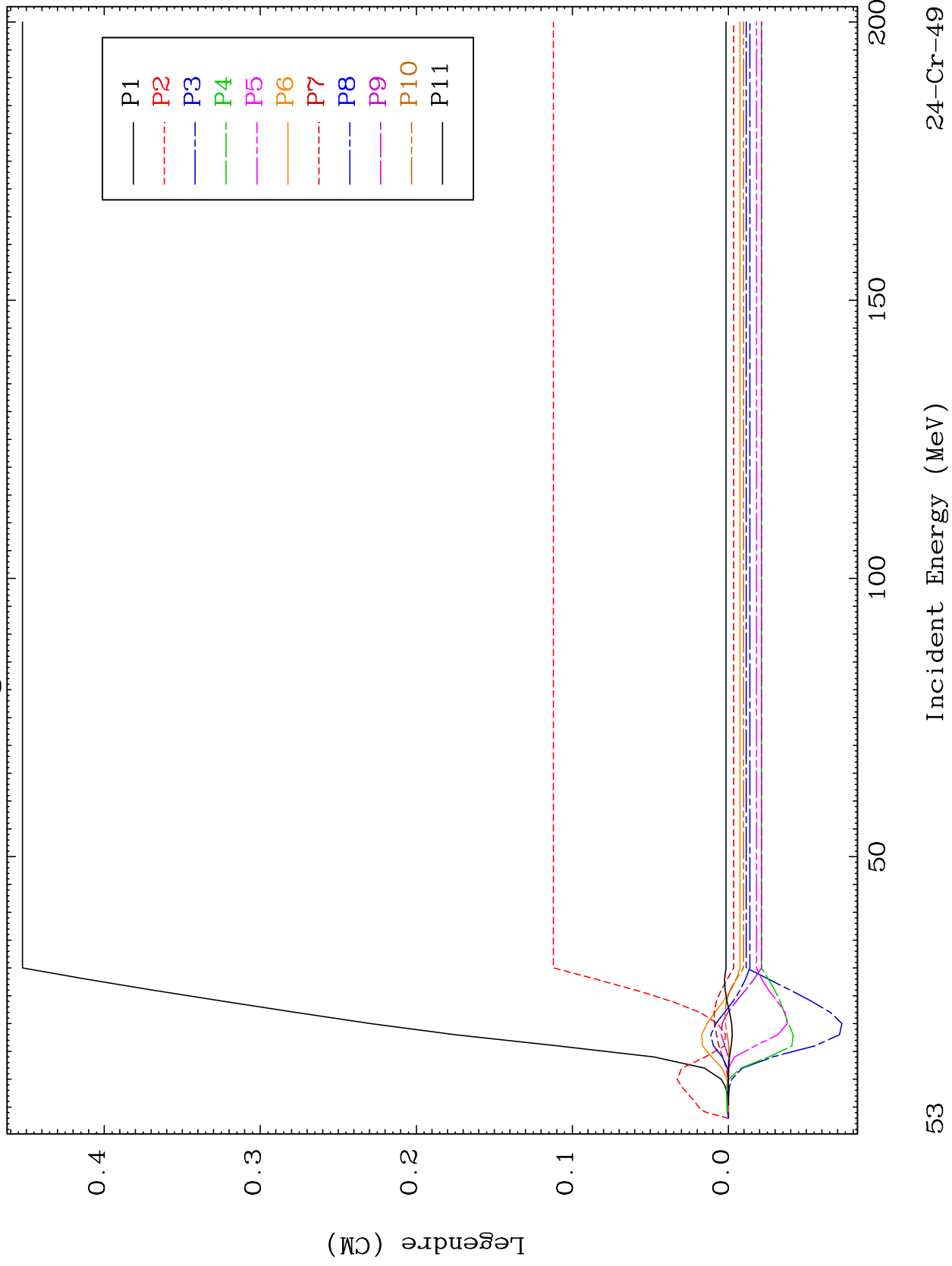




MAT 2422

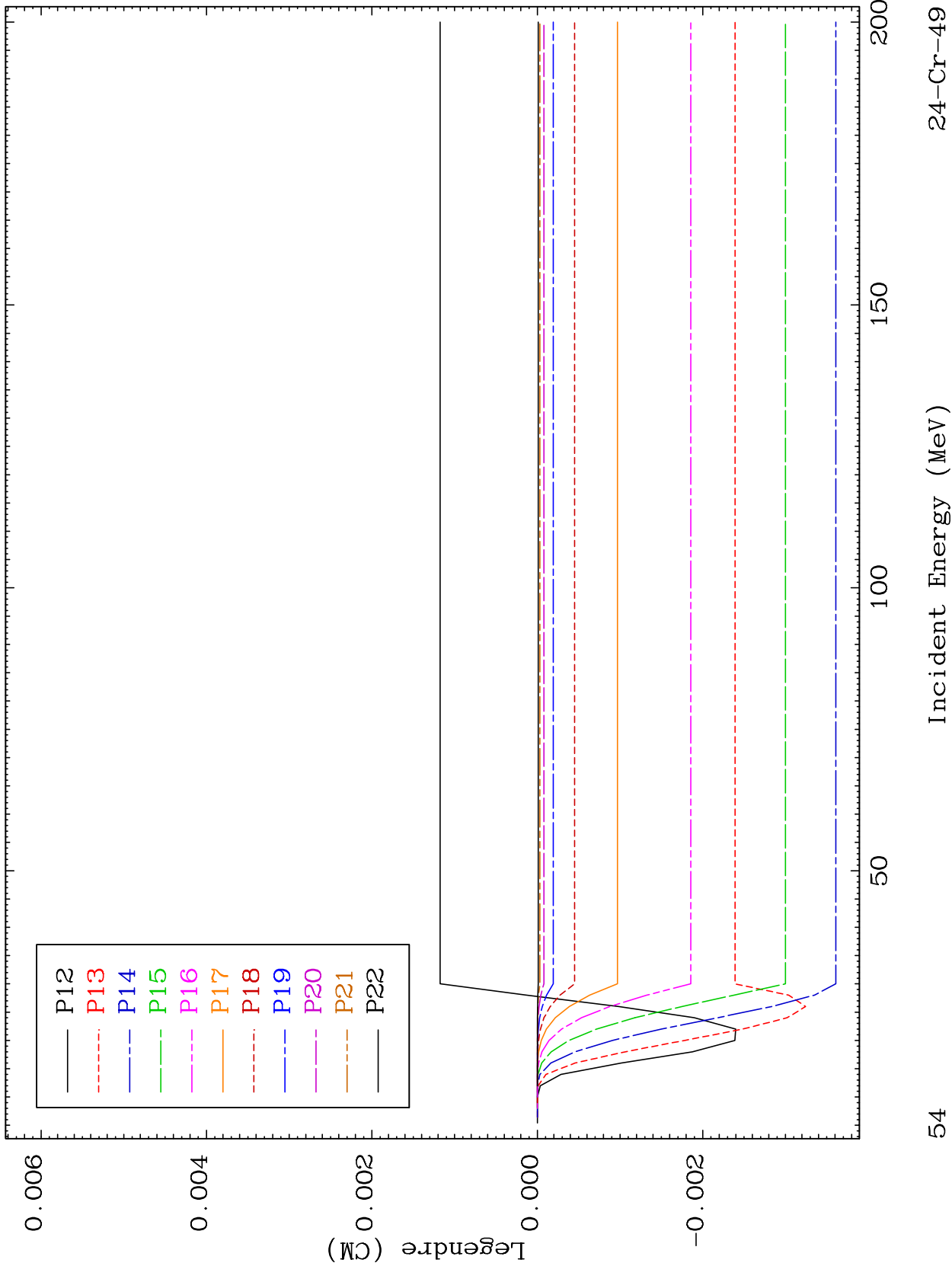
MT= 63 (n,n') Level  
Legendre Coefficients

24-Cr-49



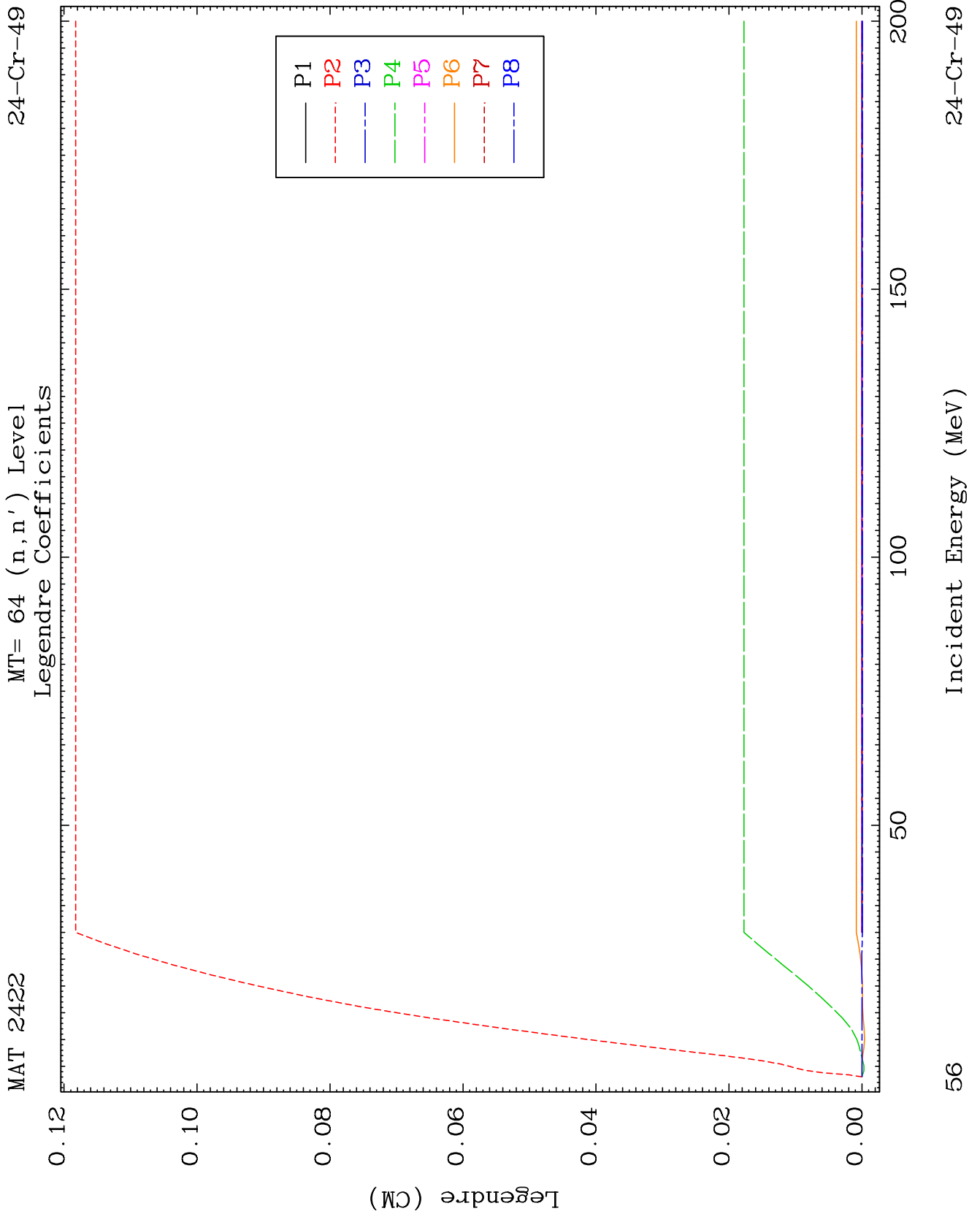
53

24-Cr-49





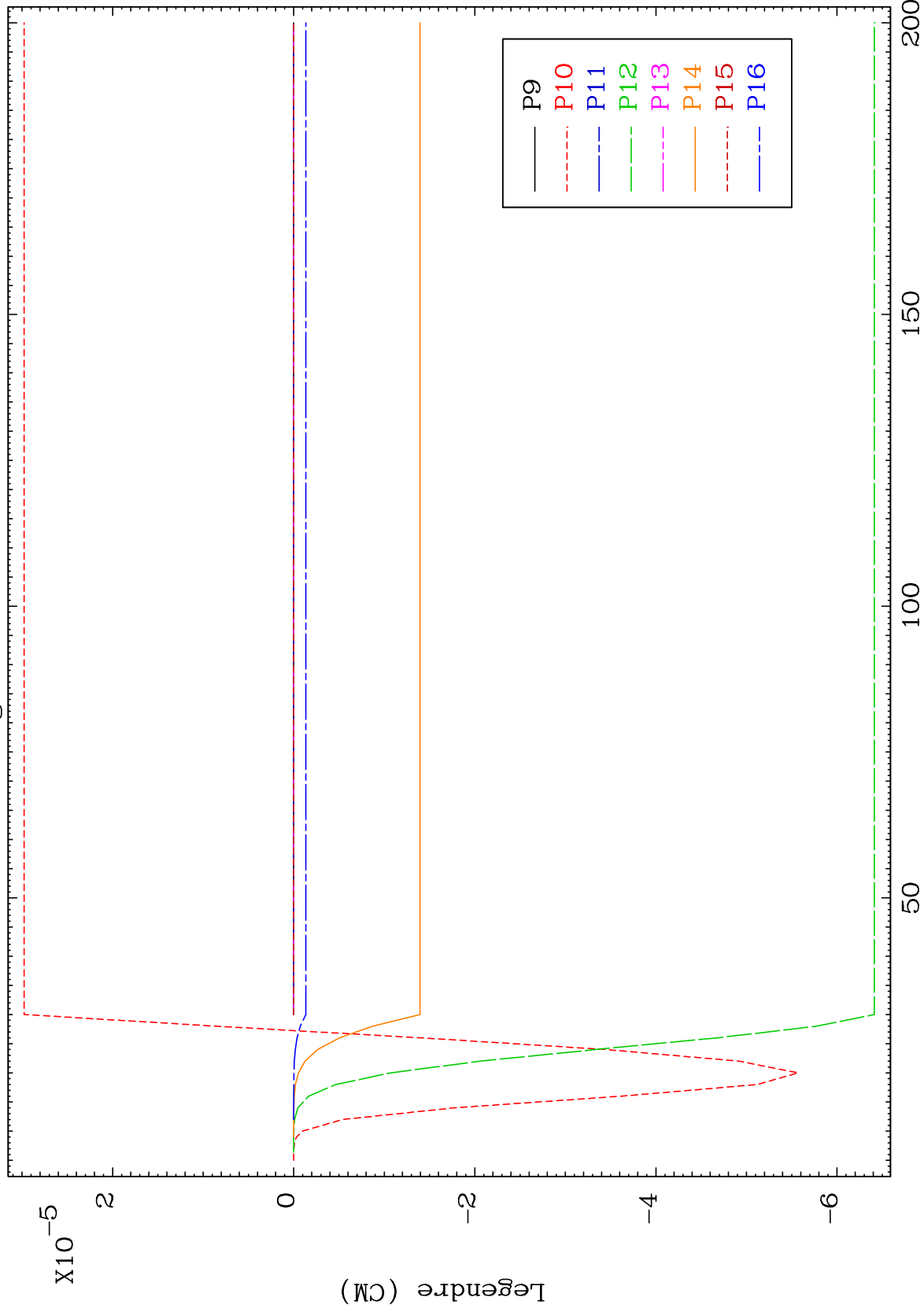




MAT 2422

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

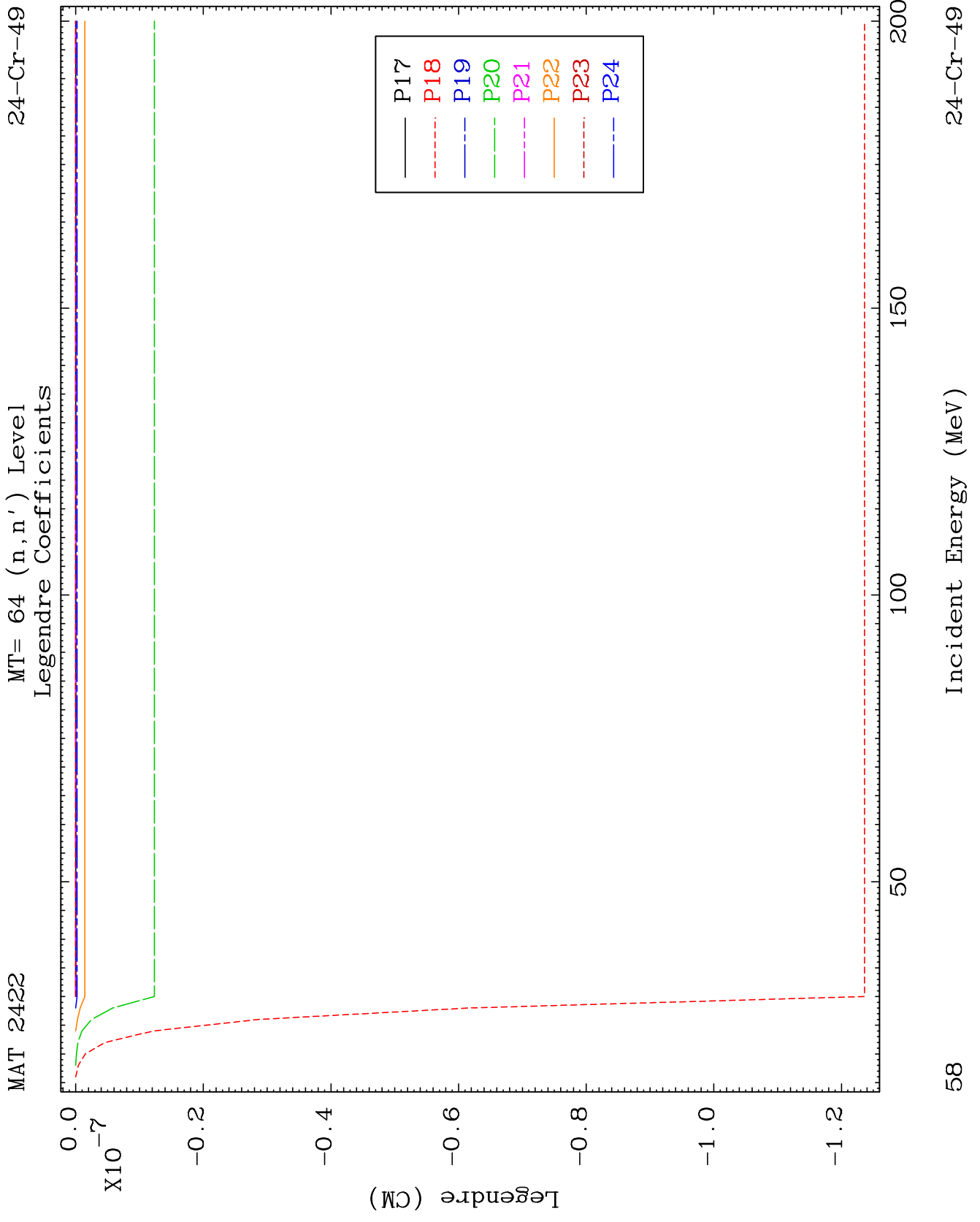
24-Cr-49



57

Incident Energy (MeV)

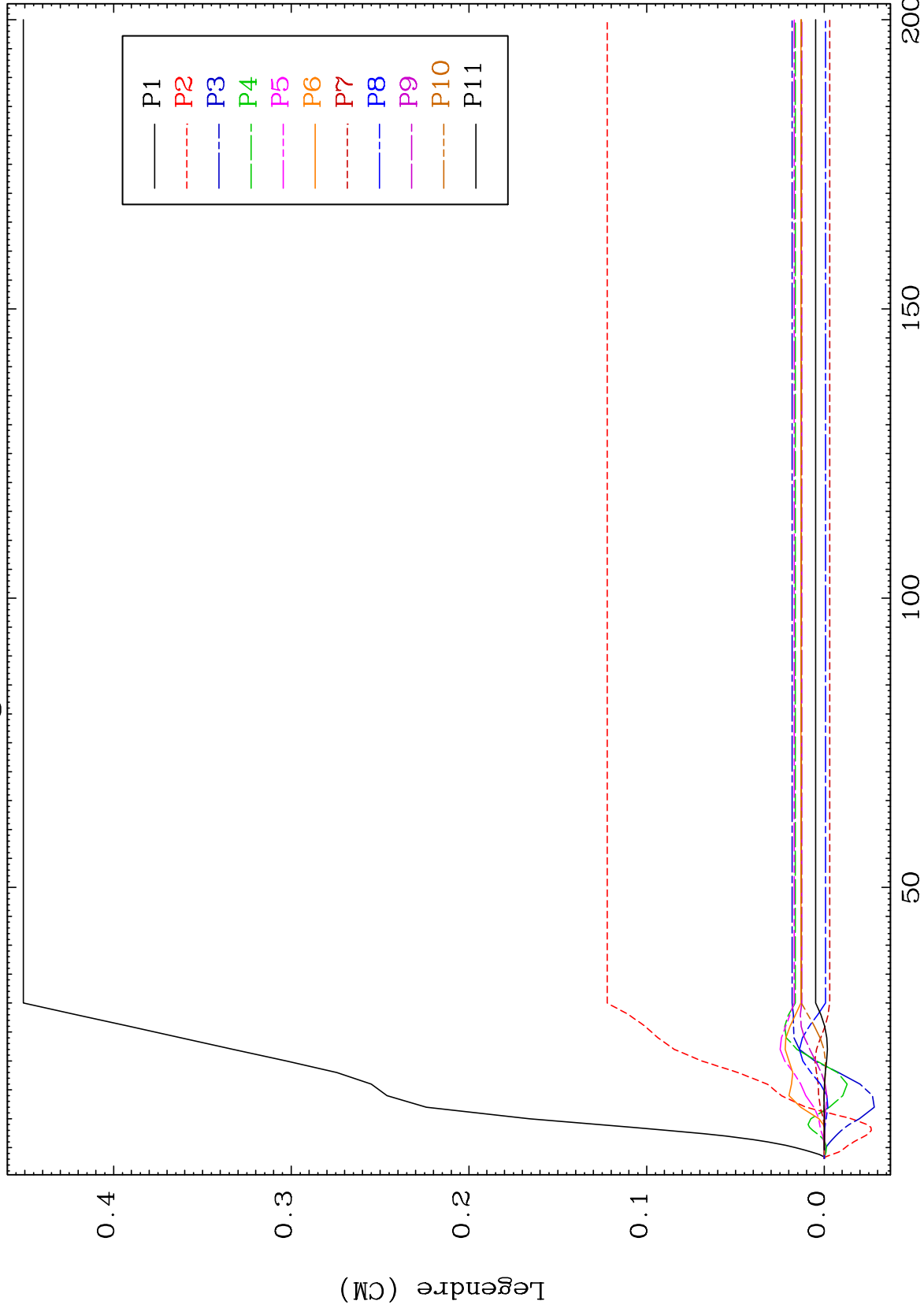
24-Cr-49



MAT 2422

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

24-Cr-49



59

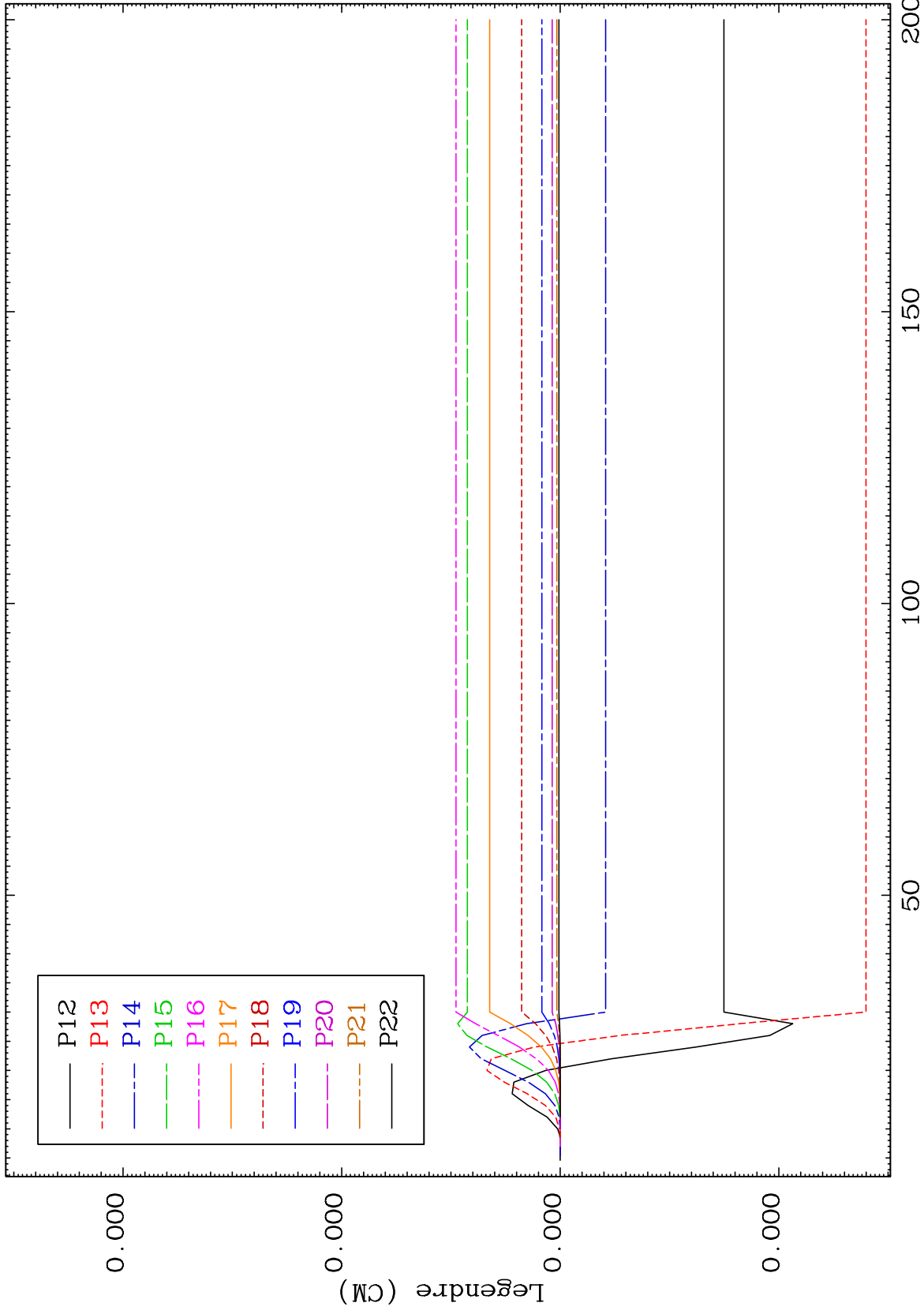
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



60

Incident Energy (MeV)

50

100

150

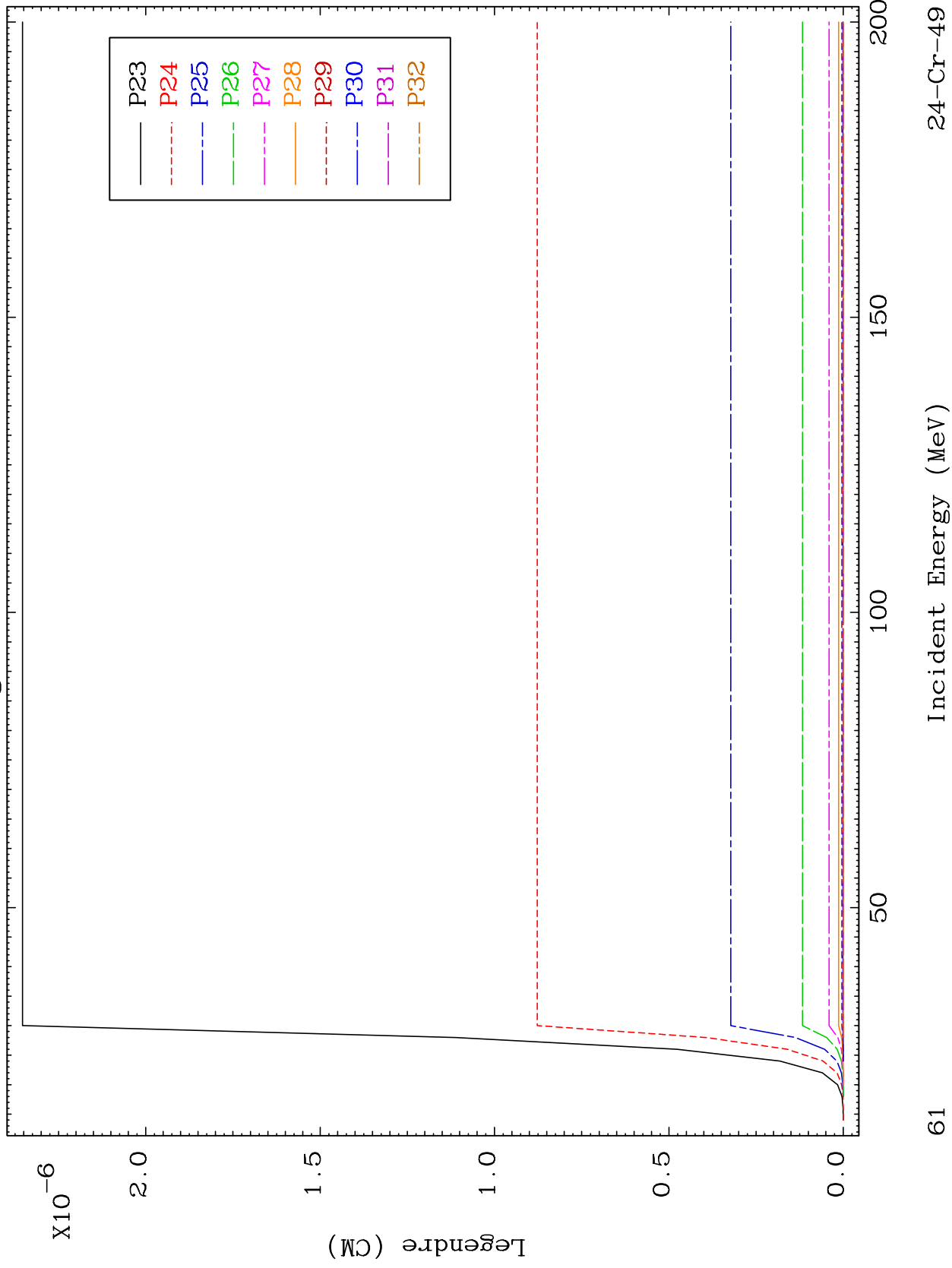
200

24-Cr-49

MAT 2422

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

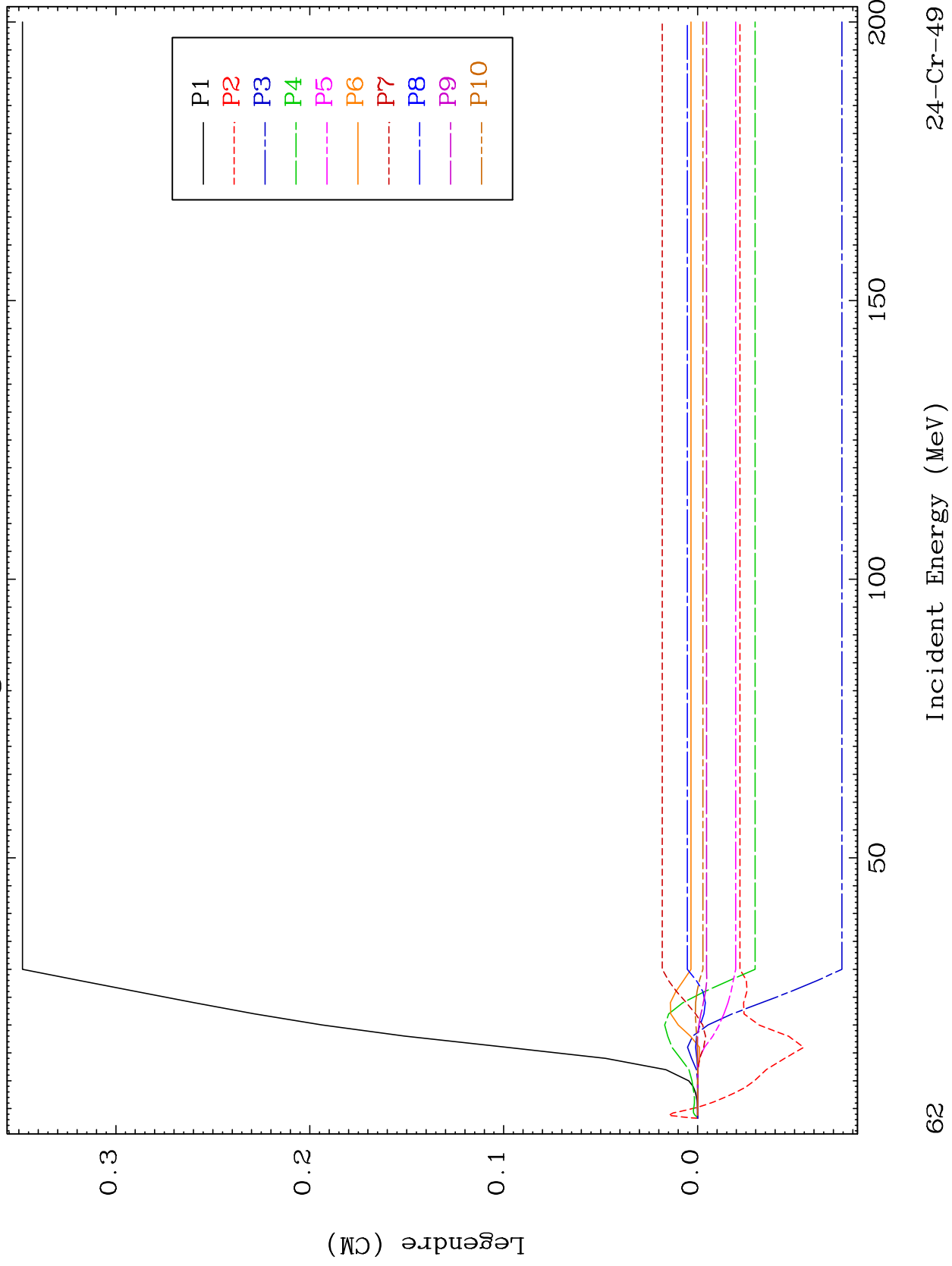
24-Cr-49



MAT 2422

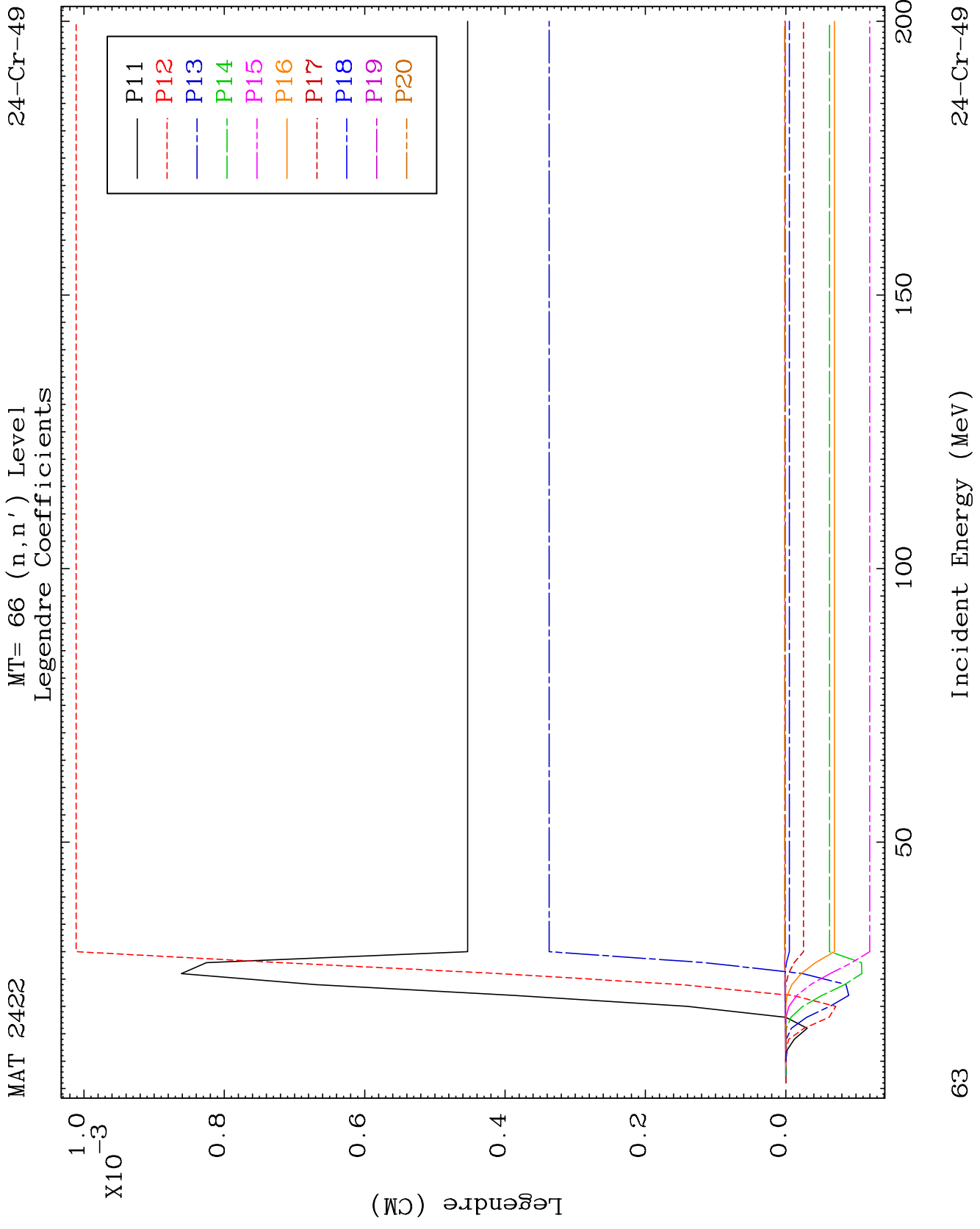
MT= 66 (n,n') Level  
Legendre Coefficients

24-Cr-49



62

24-Cr-49

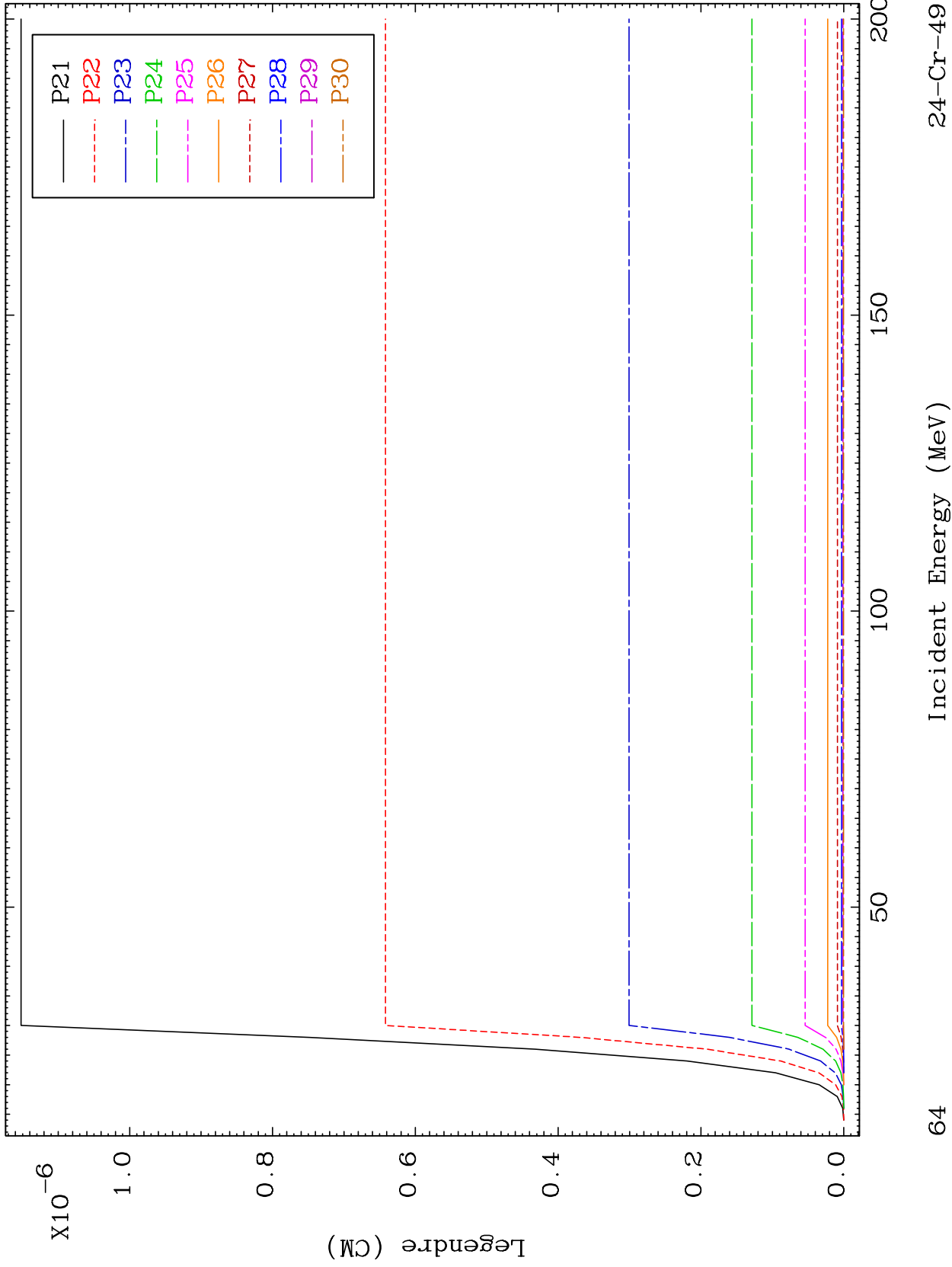




MAT 2422

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

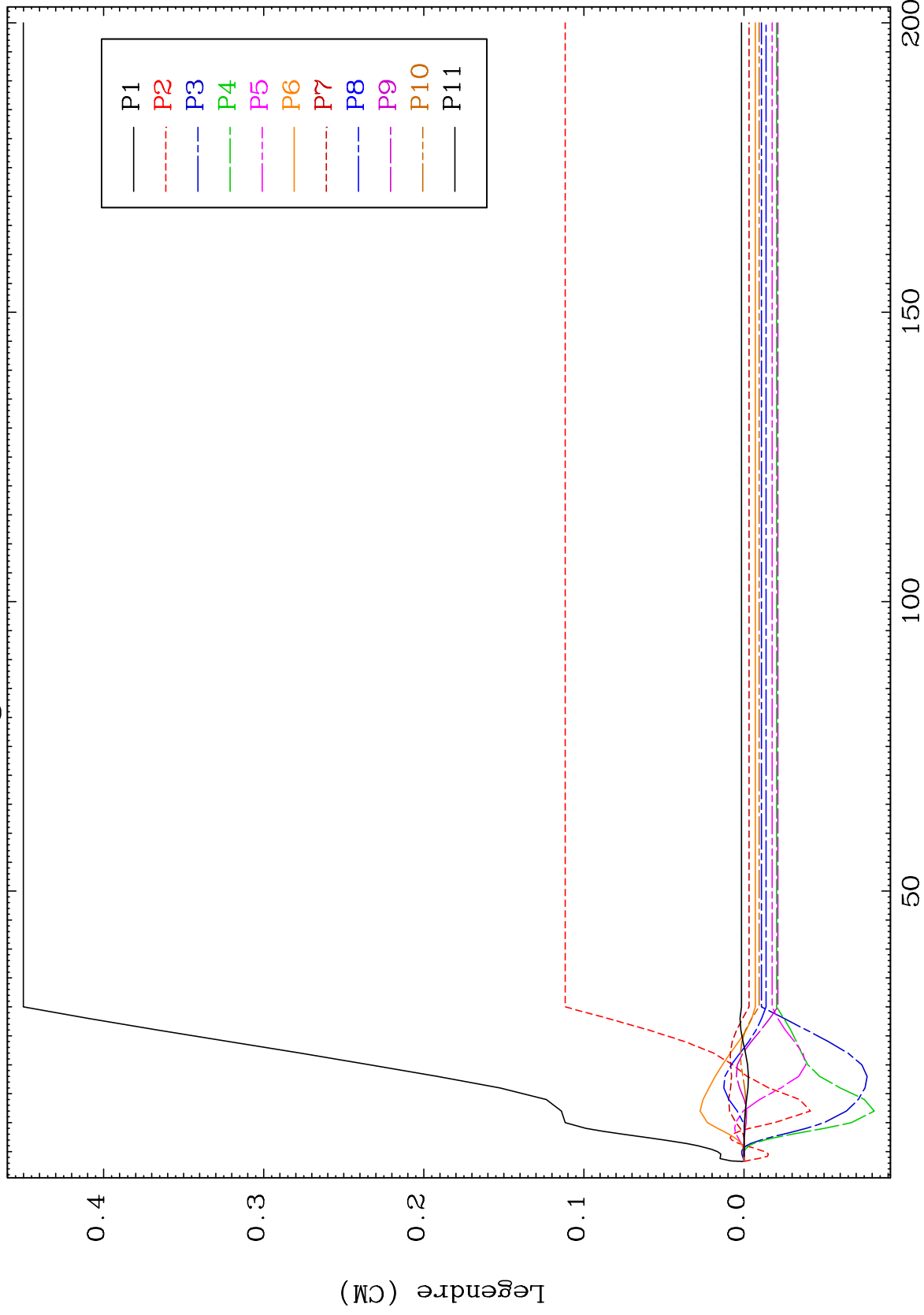
24-Cr-49



MAT 2422

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

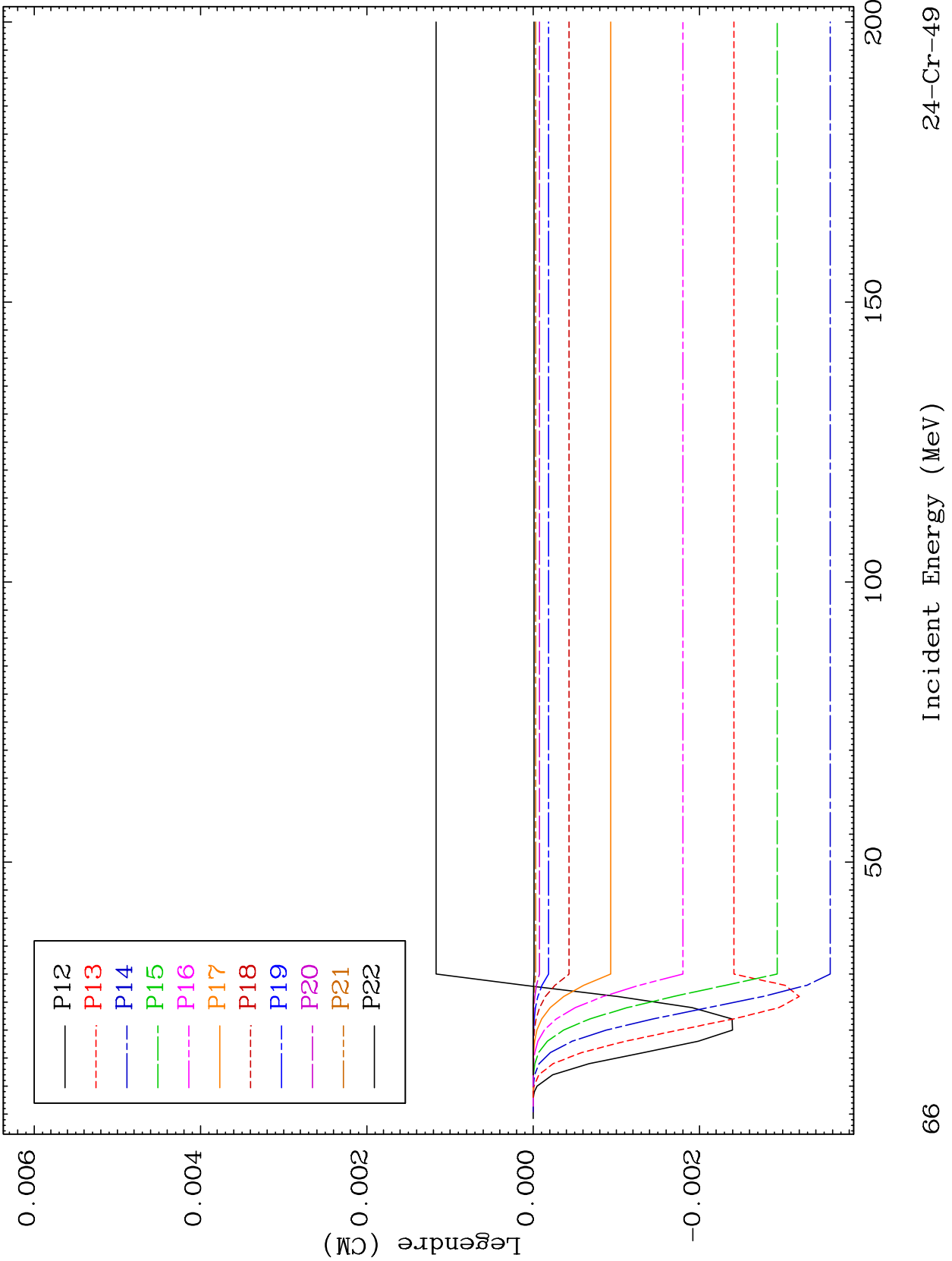
24-Cr-49

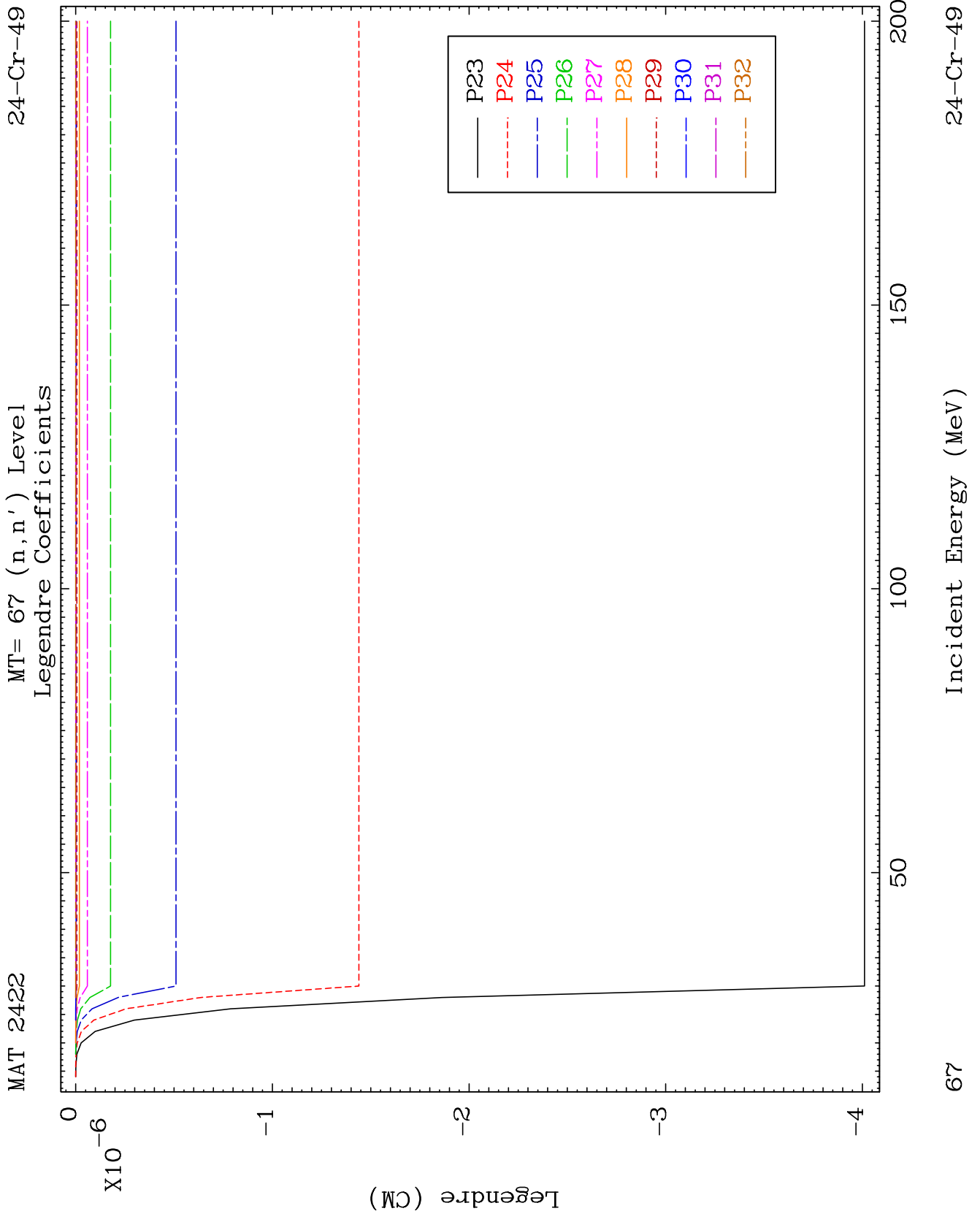


65

Incident Energy (MeV)

24-Cr-49

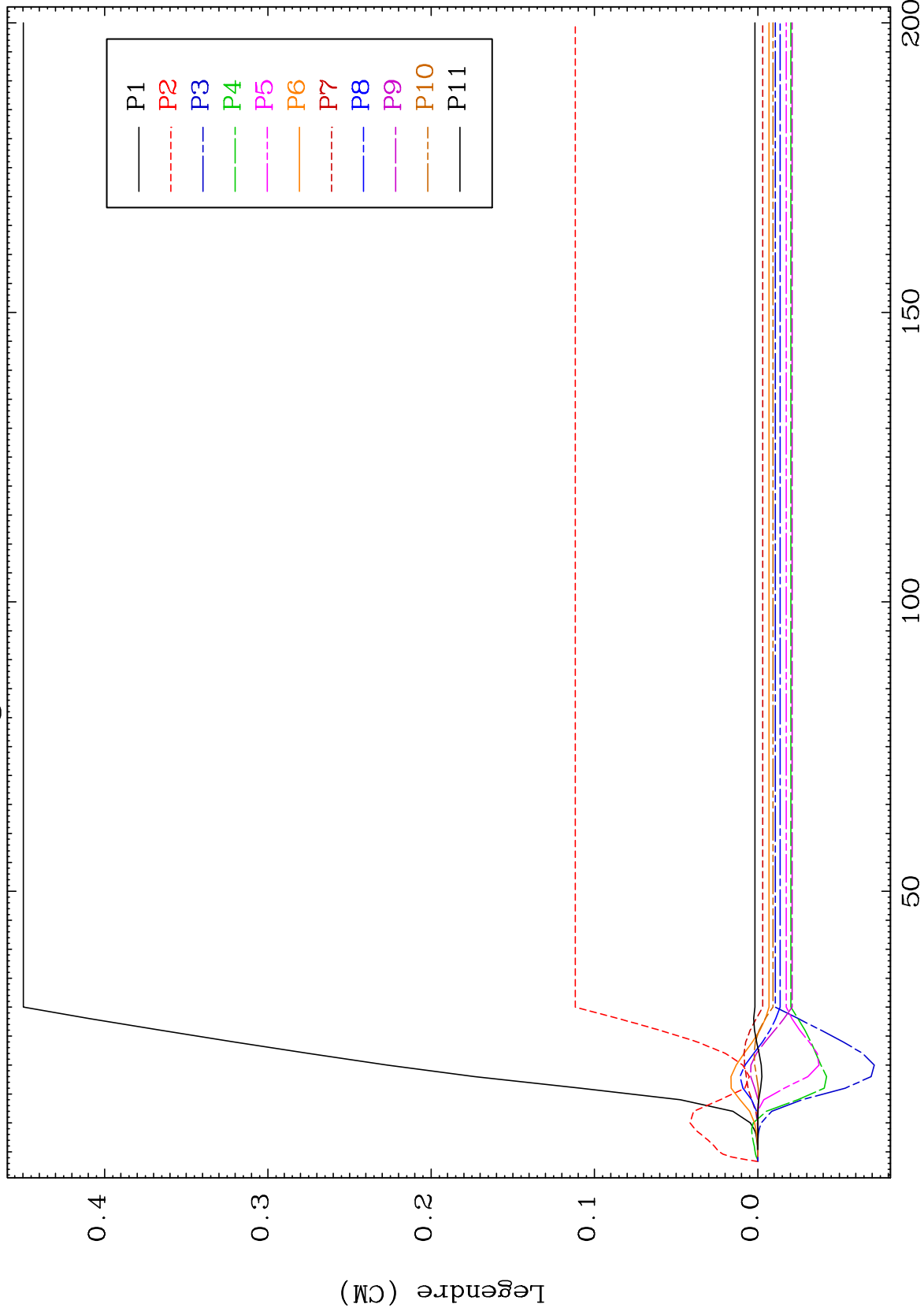




MAT 2422

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

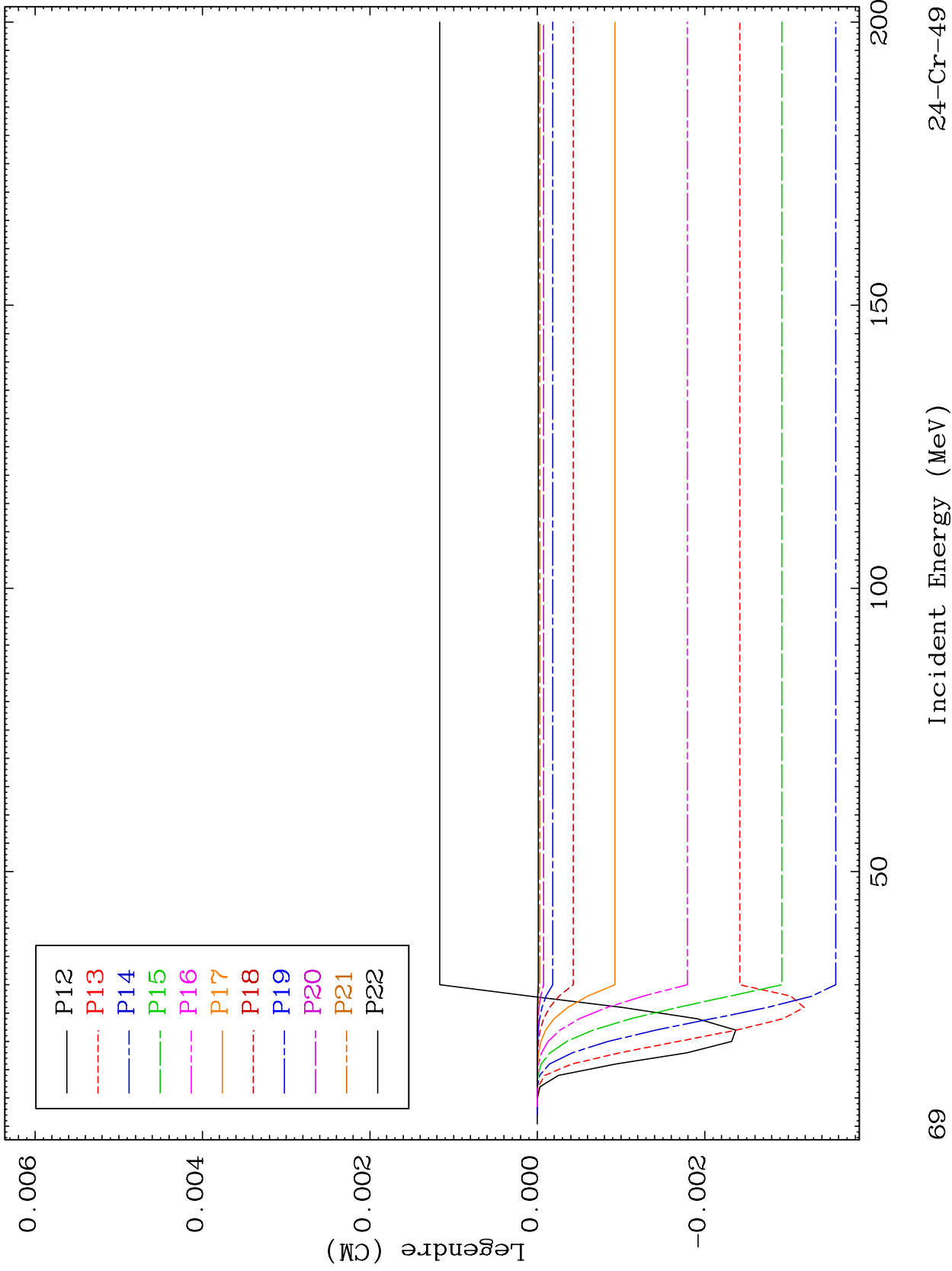
24-Cr-49



68

Incident Energy (MeV)

24-Cr-49

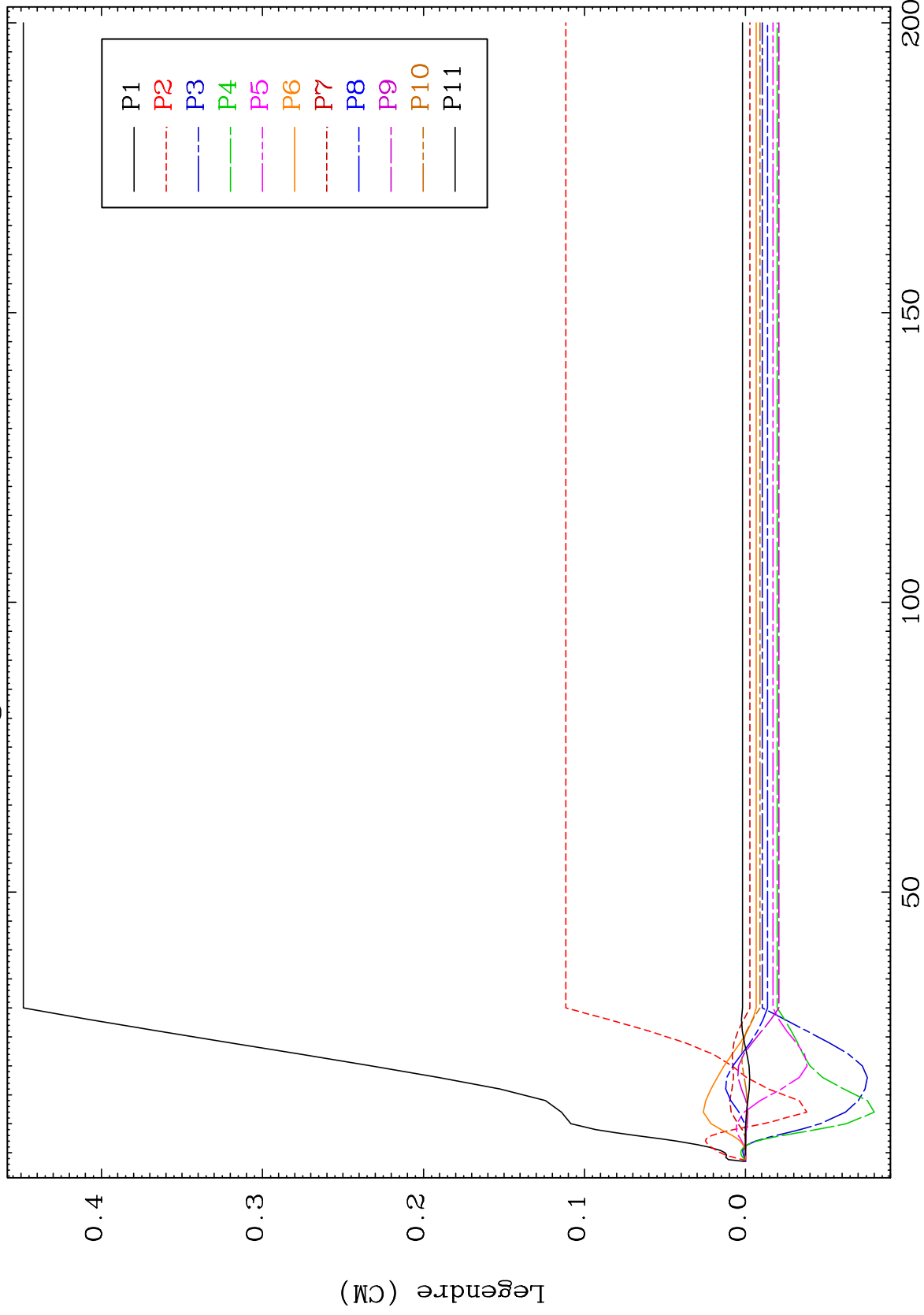




MAT 2422

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

24-Cr-49



71

Incident Energy (MeV)

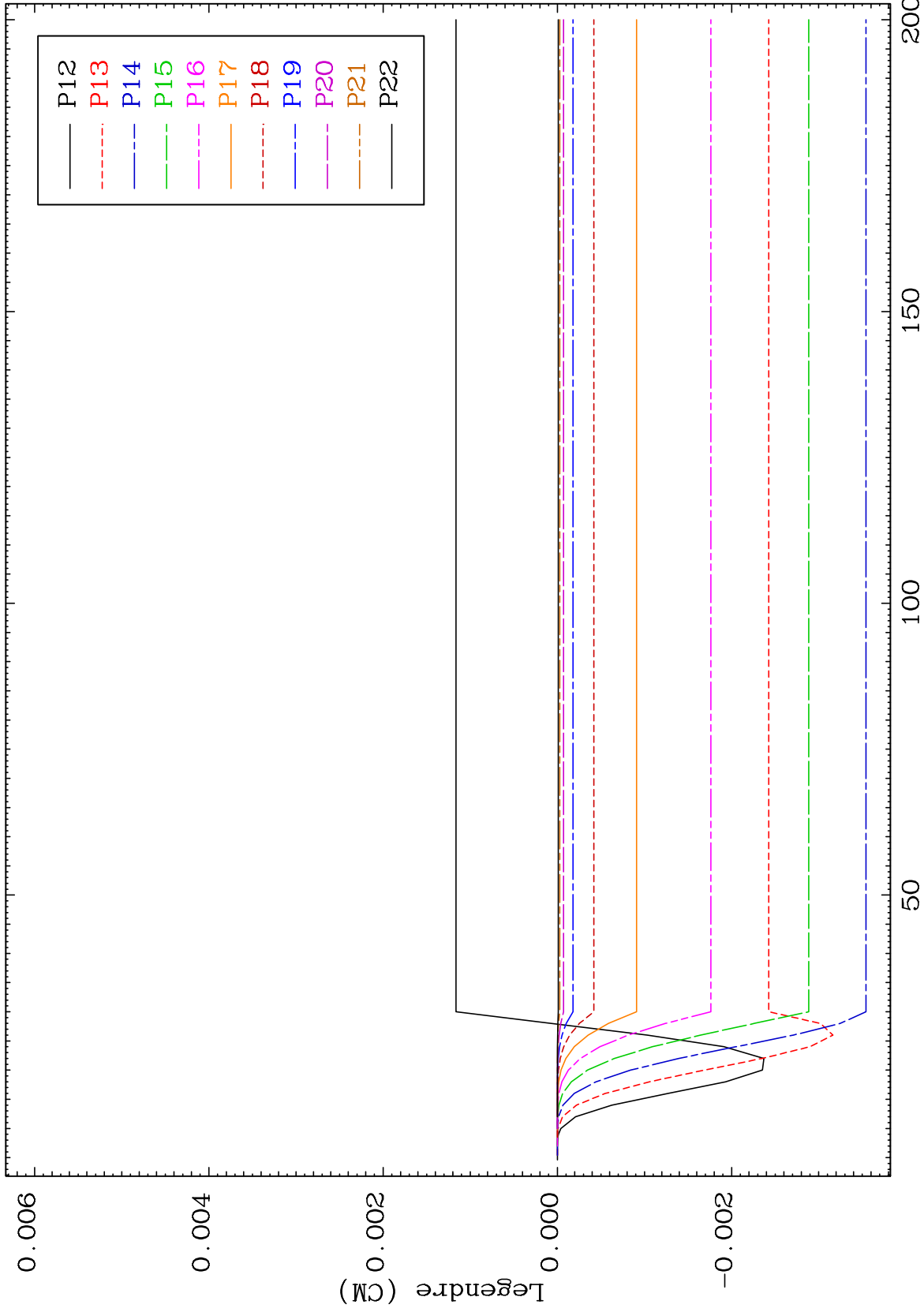
24-Cr-49



MAT 2422

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

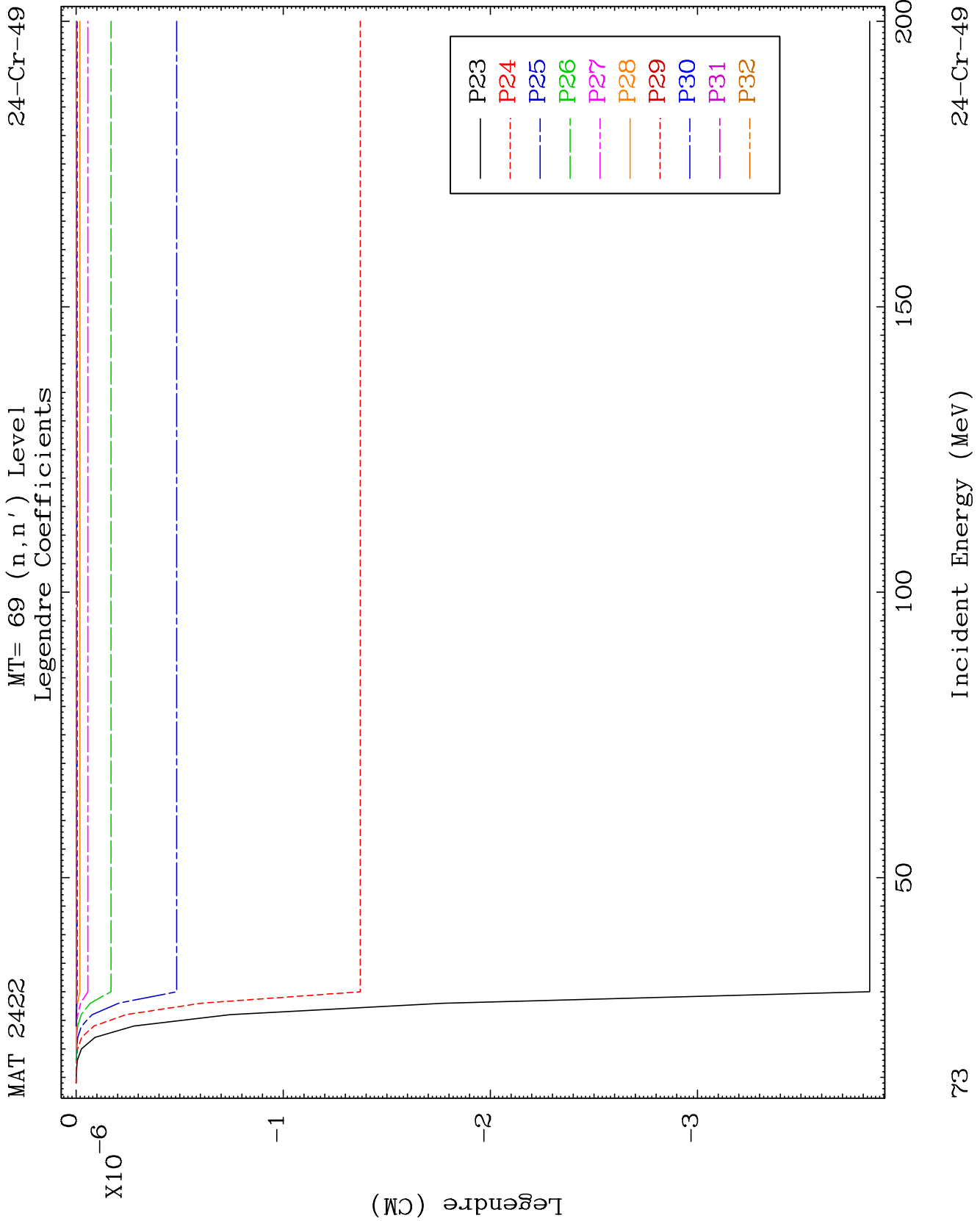
24-Cr-49



72

Incident Energy (MeV)

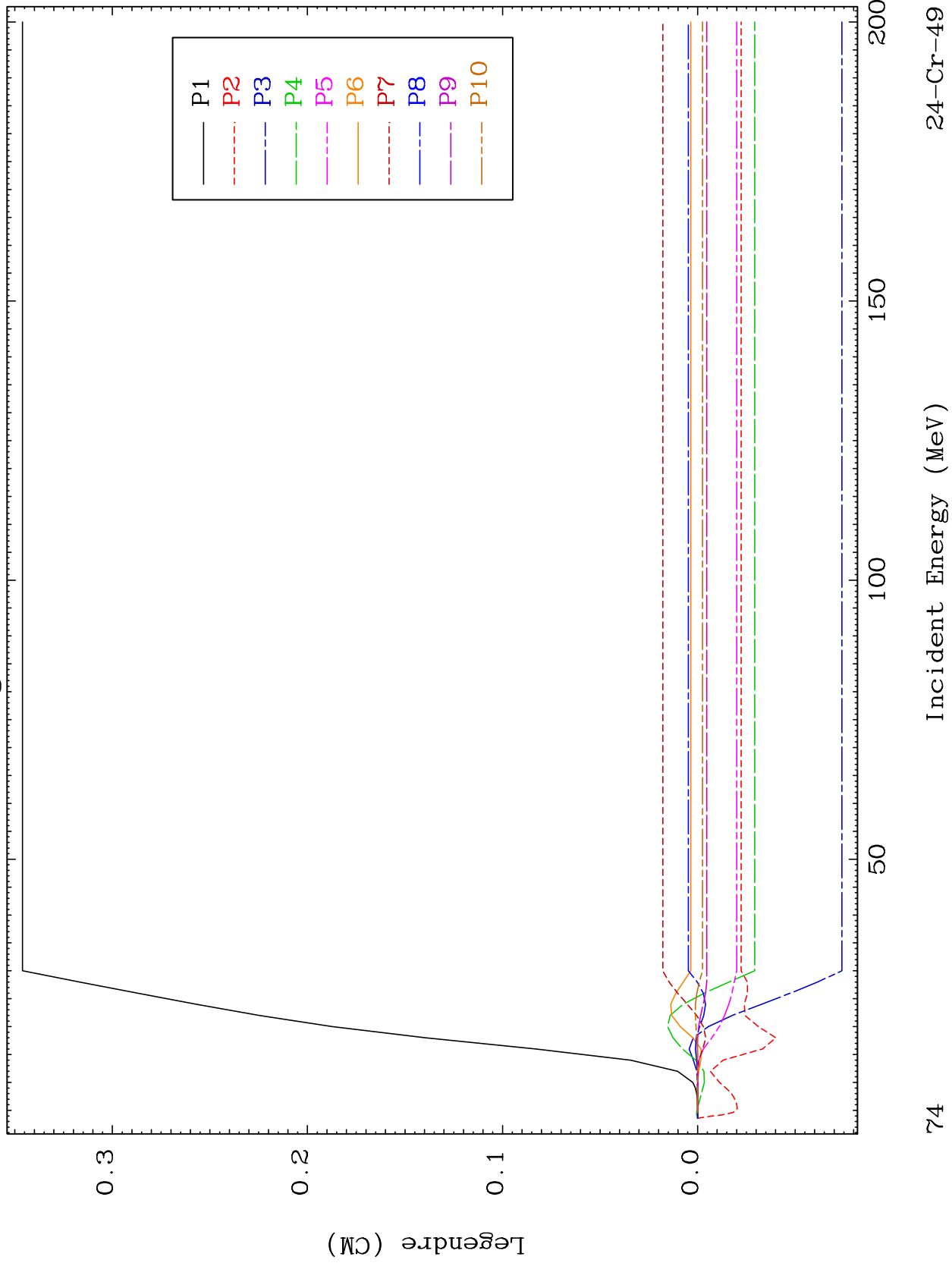
24-Cr-49



MAT 2422

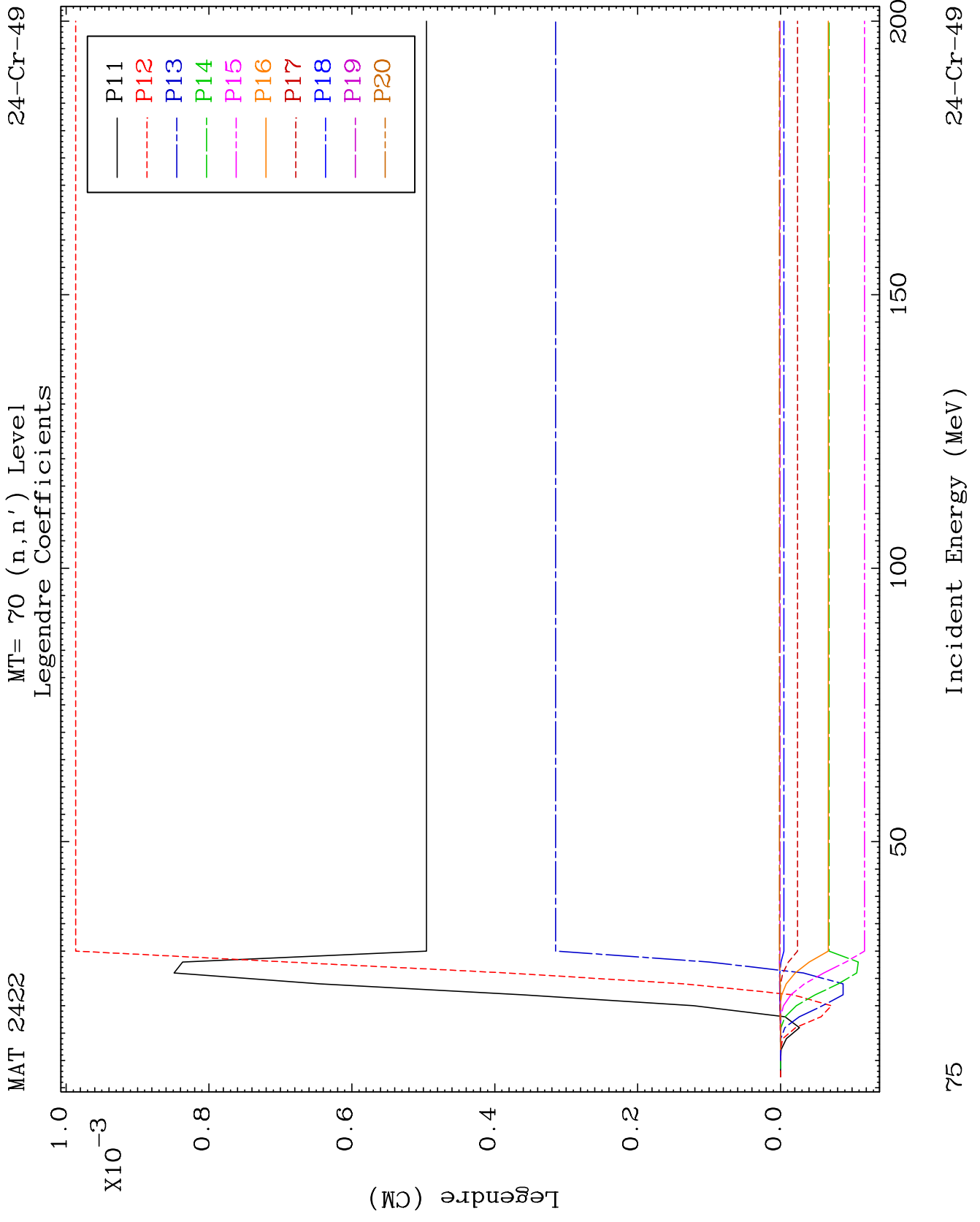
MT= 70 (n,n') Level  
Legendre Coefficients

24-Cr-49

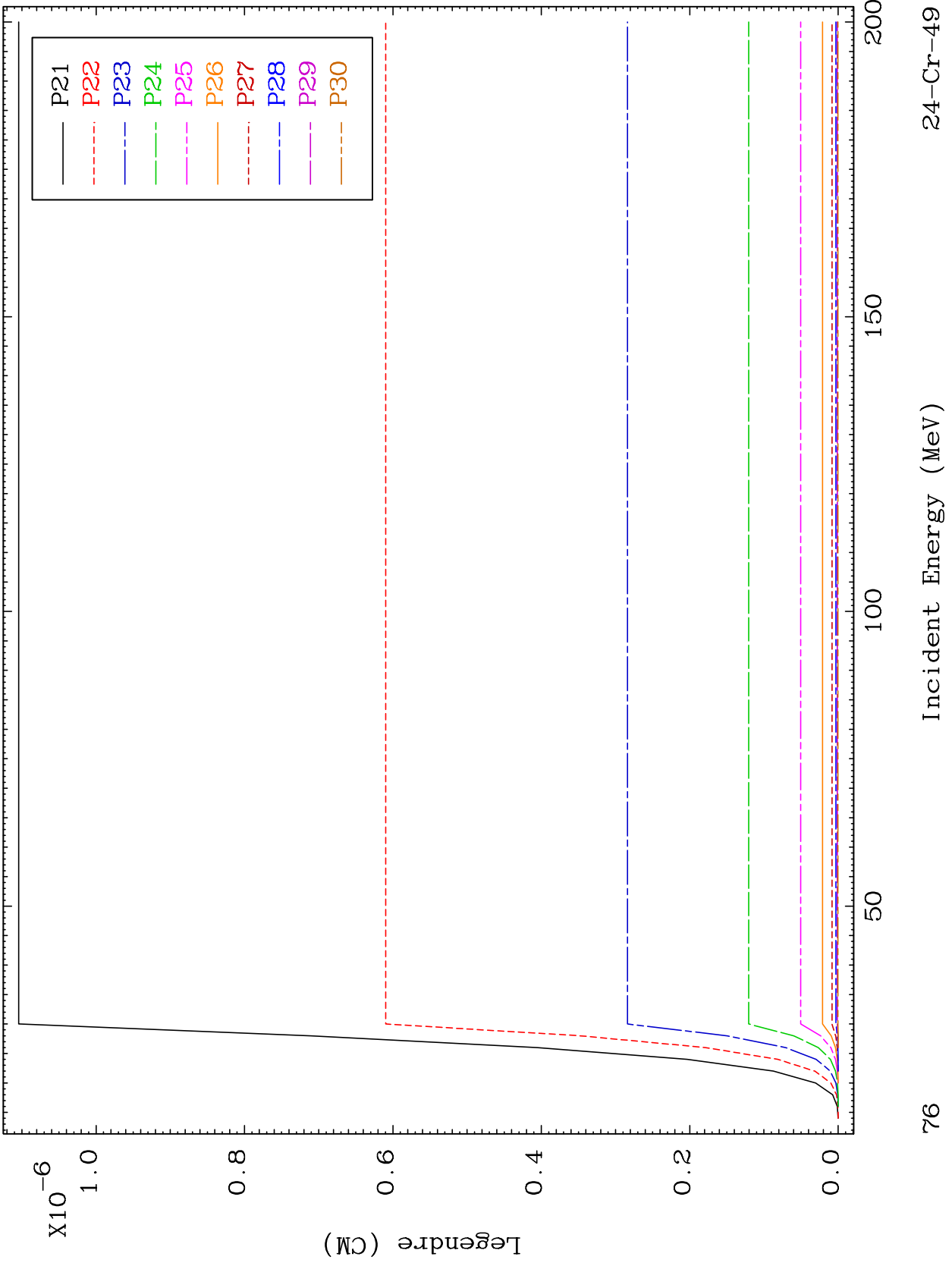


74

24-Cr-49



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

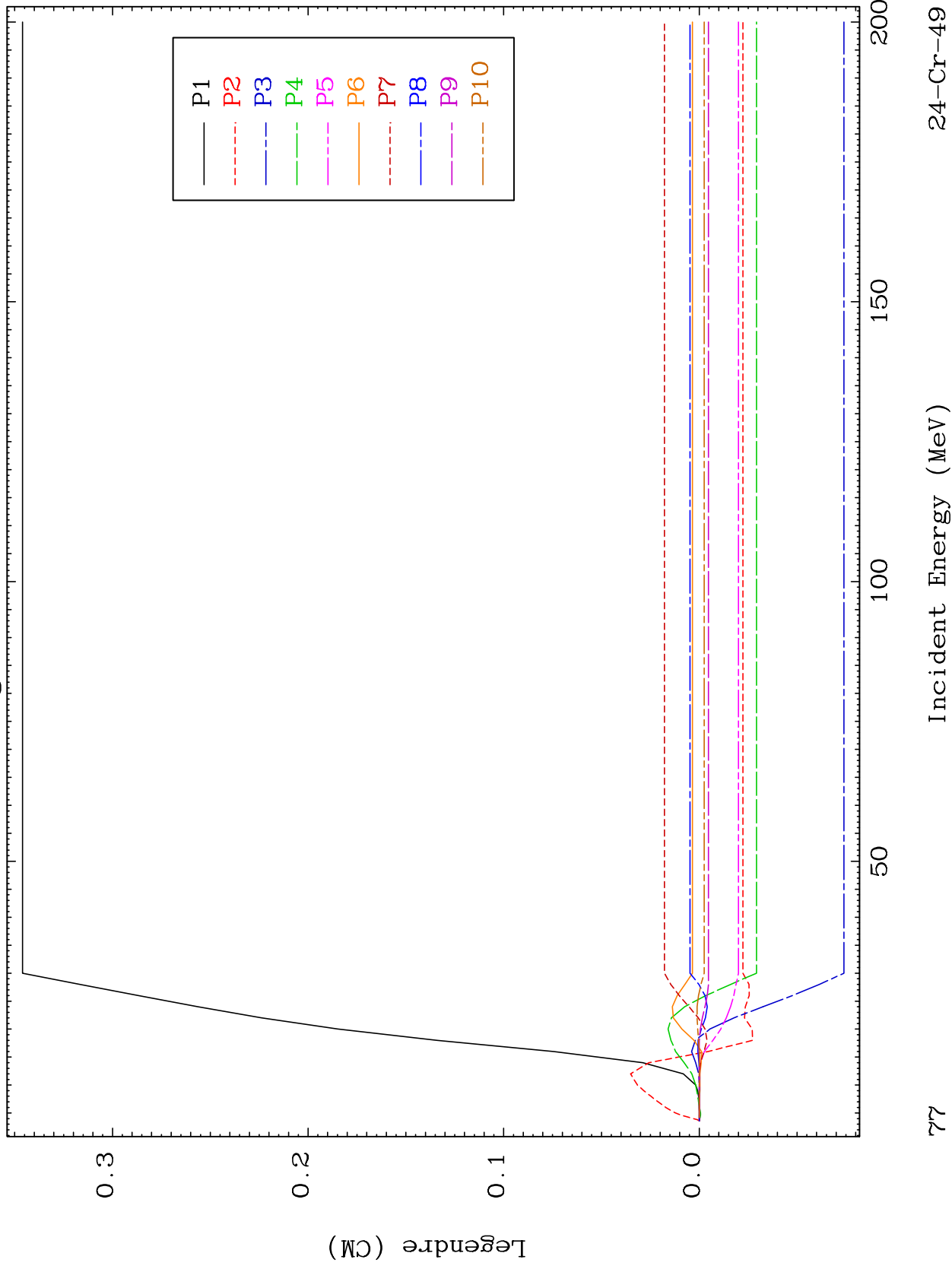


76 Incident Energy (MeV) 24-Cr-49

MAT 2422

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

24-Cr-49



77

Incident Energy (MeV)

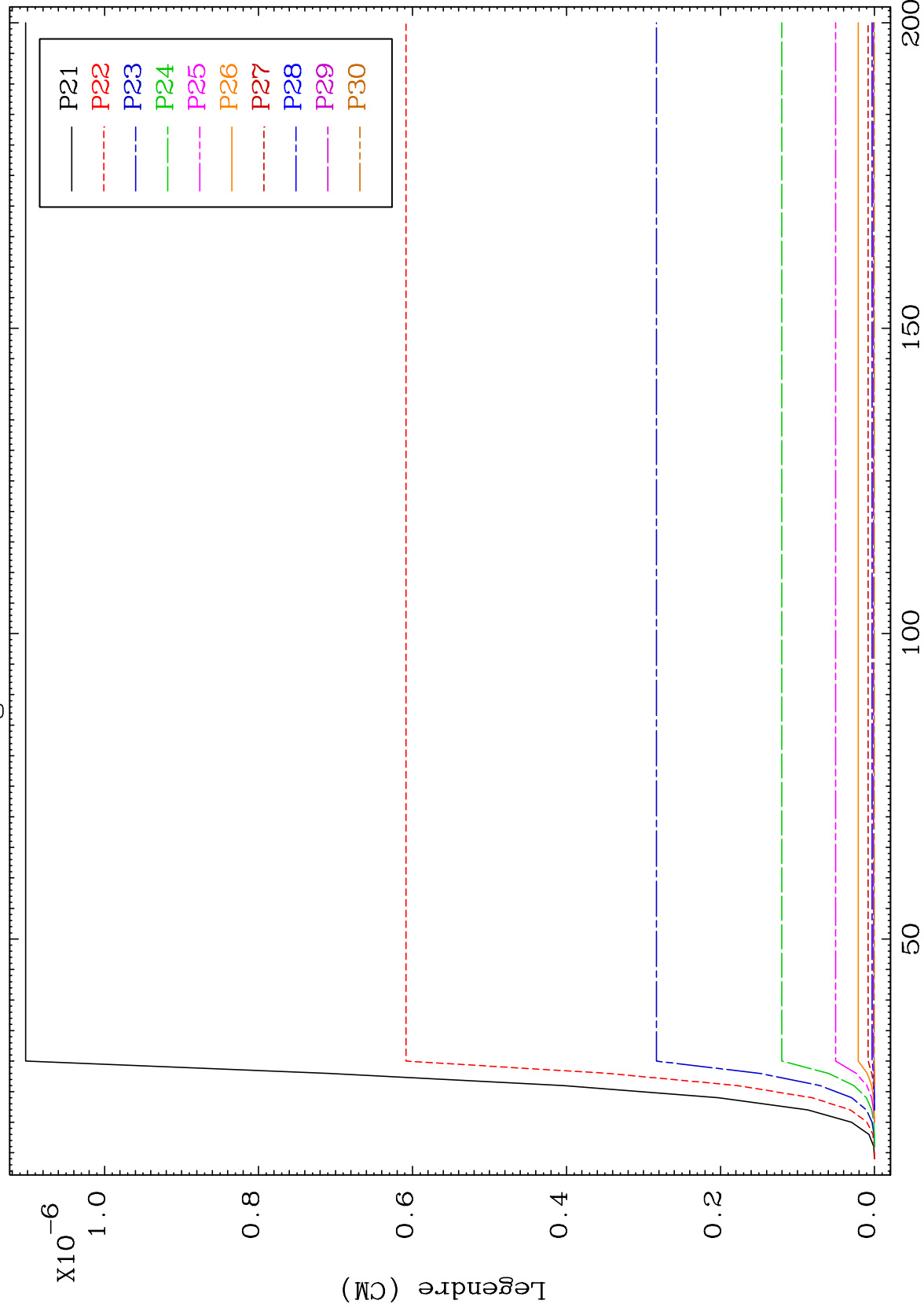
24-Cr-49



MAT 2422

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

24-Cr-49



24-Cr-49

Incident Energy (MeV)

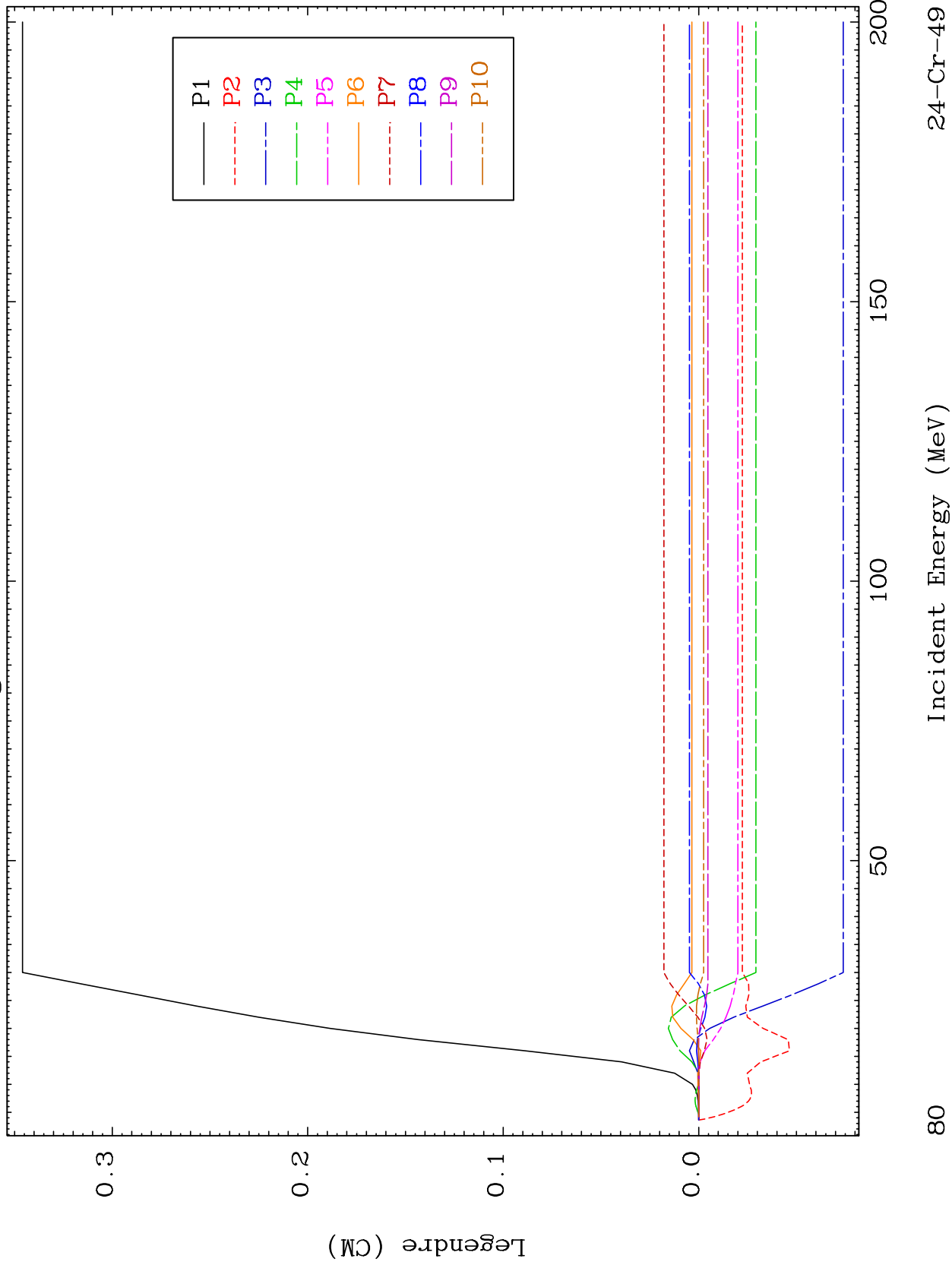
79



MAT 2422

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

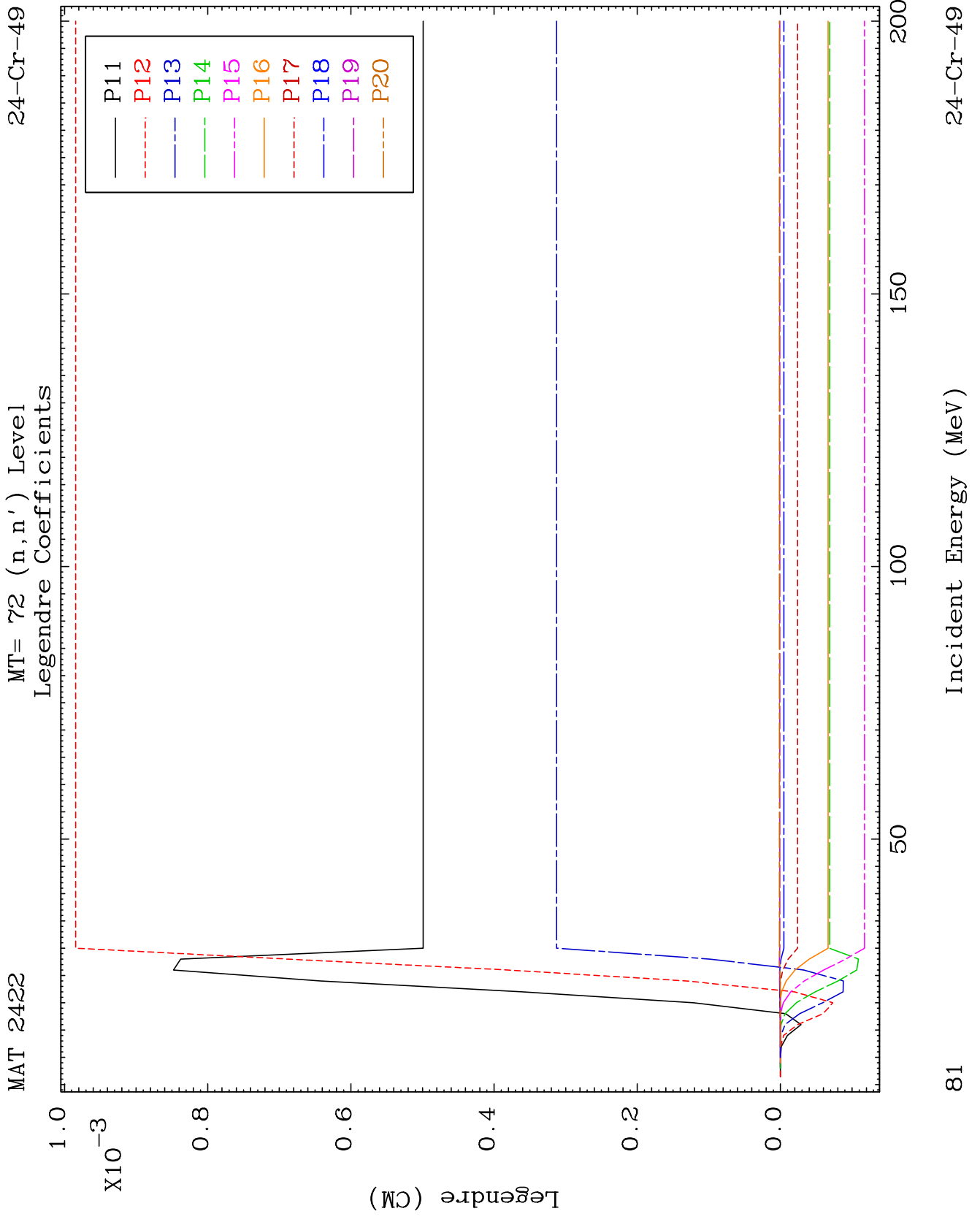
24-Cr-49

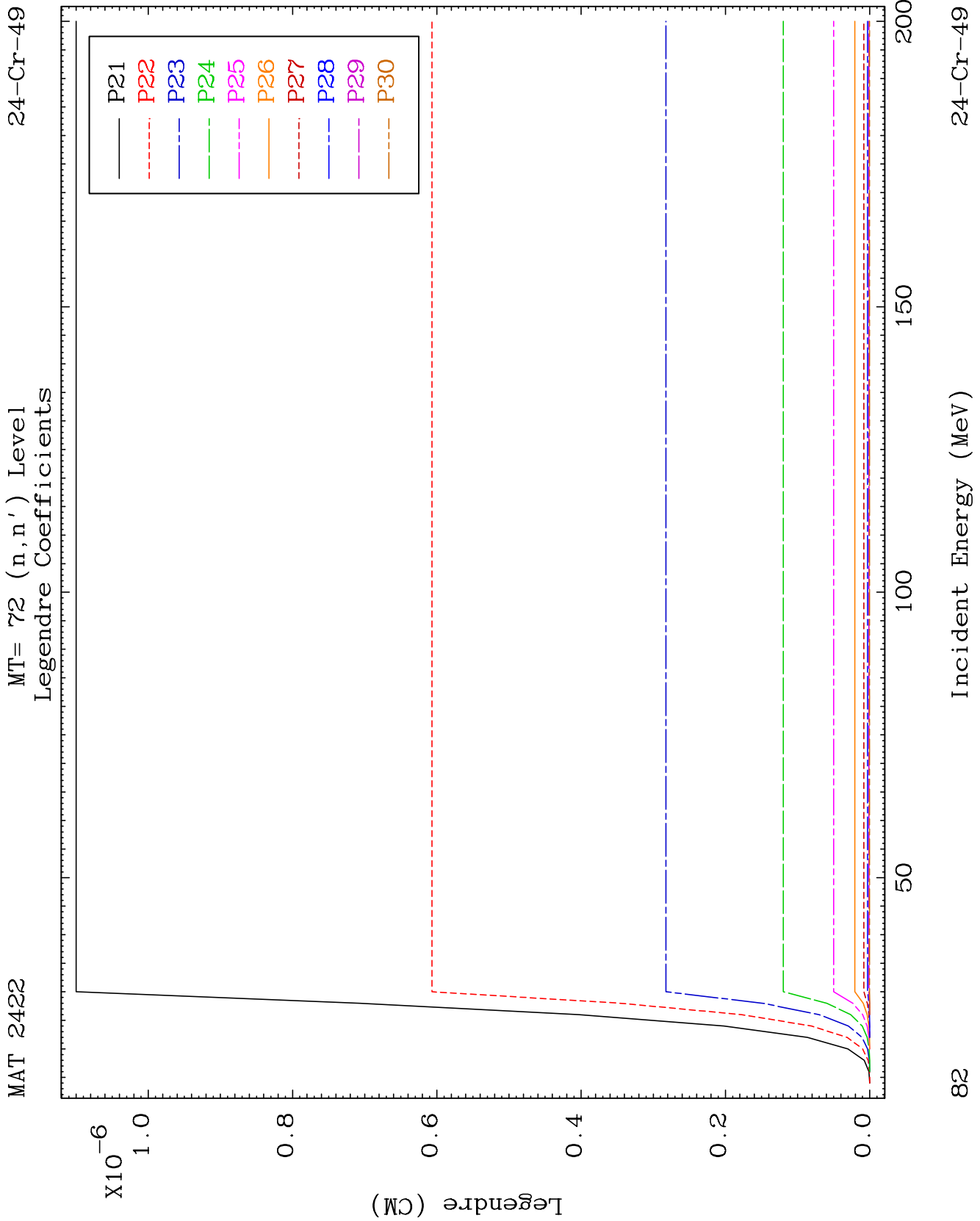


24-Cr-49

Incident Energy (MeV)

80

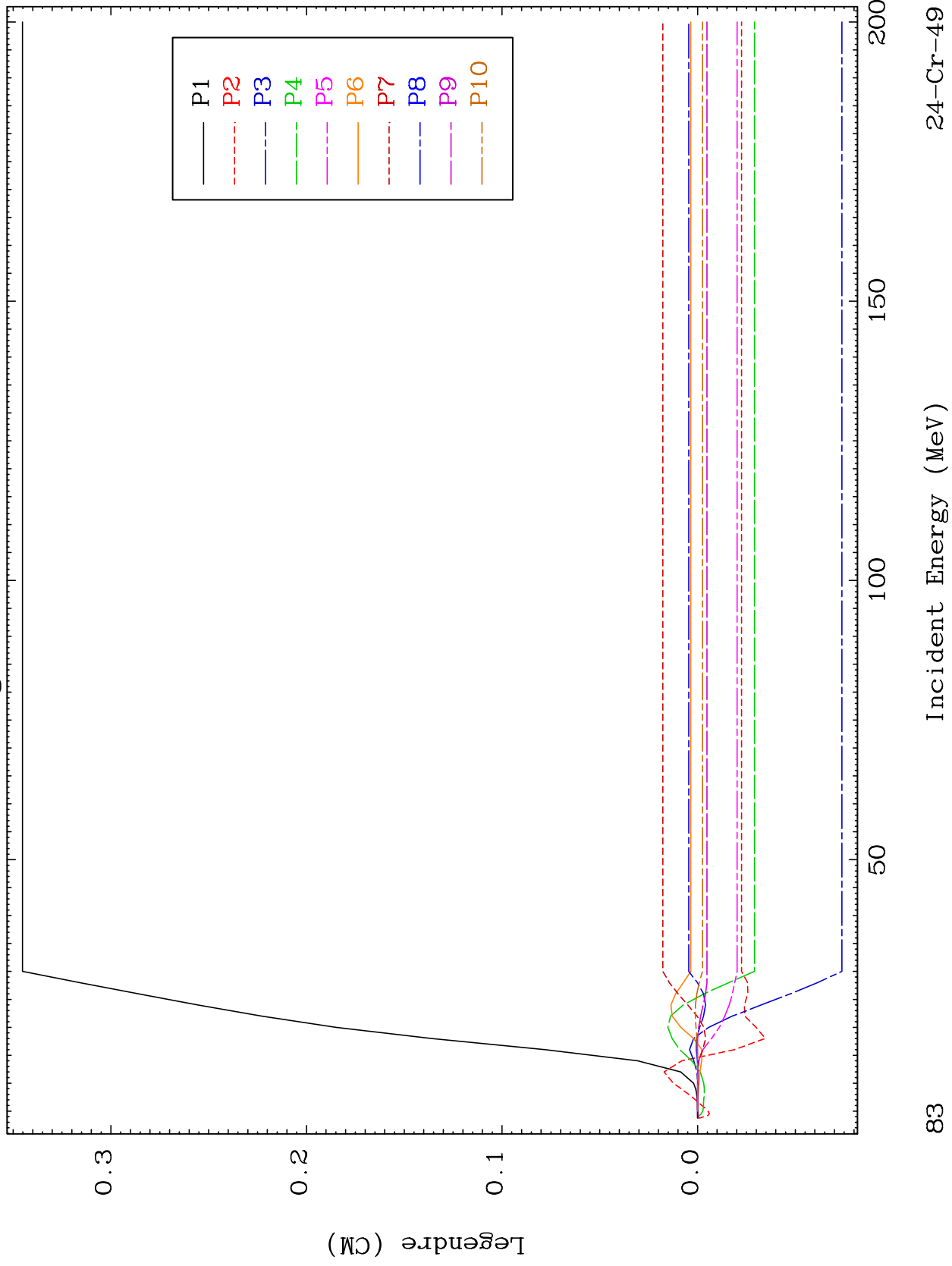




MAT 2422

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

24-Cr-49

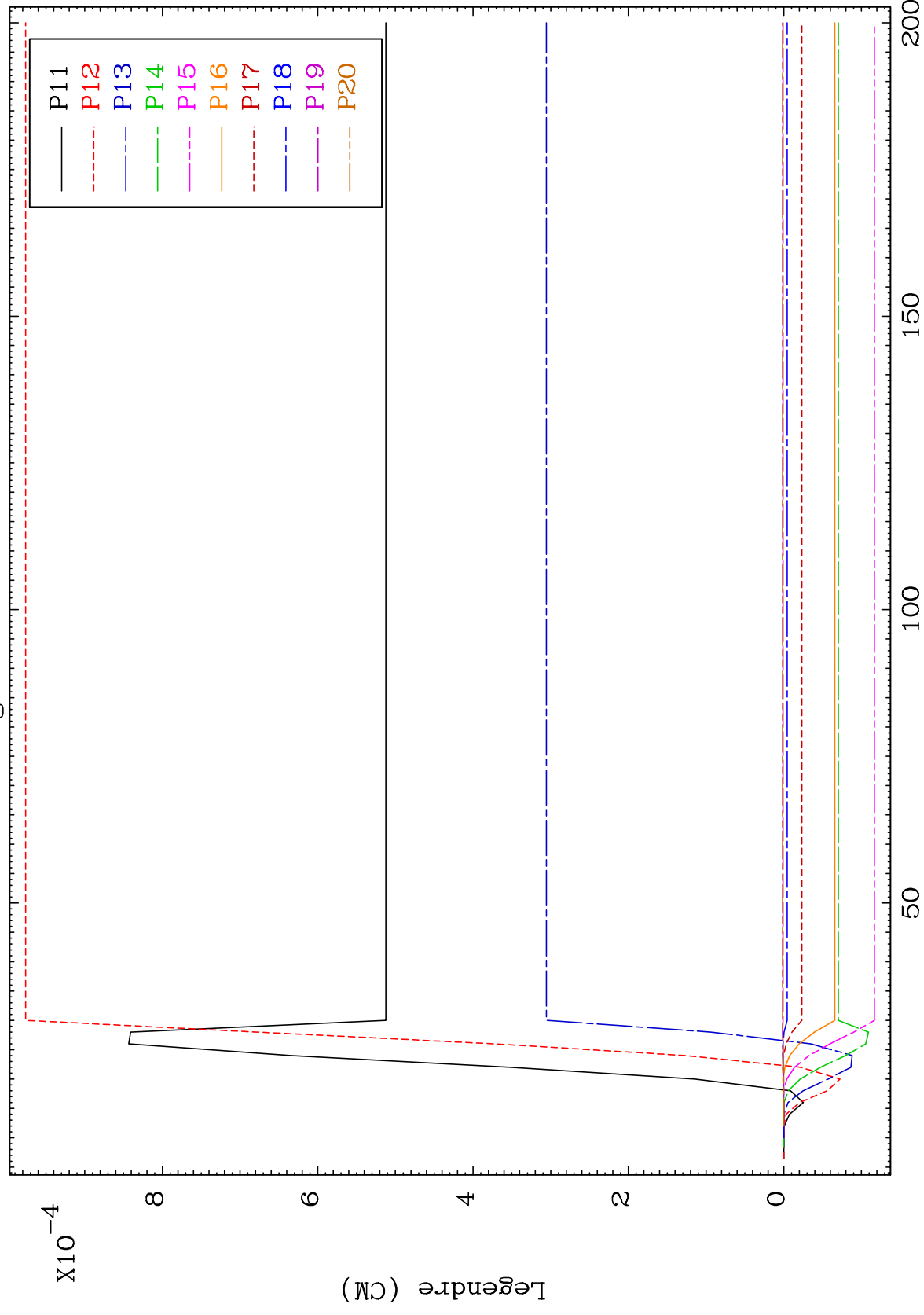


83

MAT 2422

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

24-Cr-49

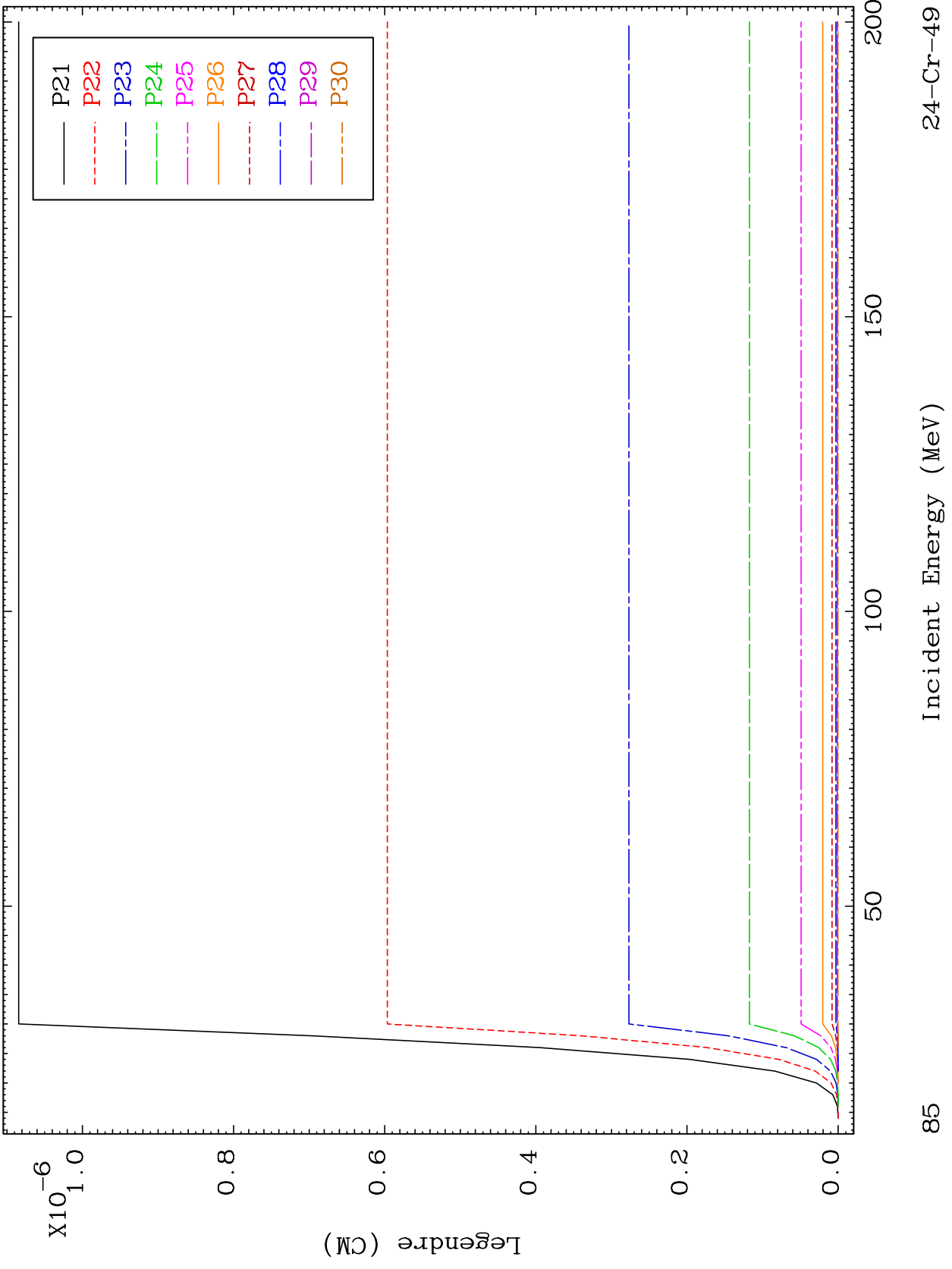


84

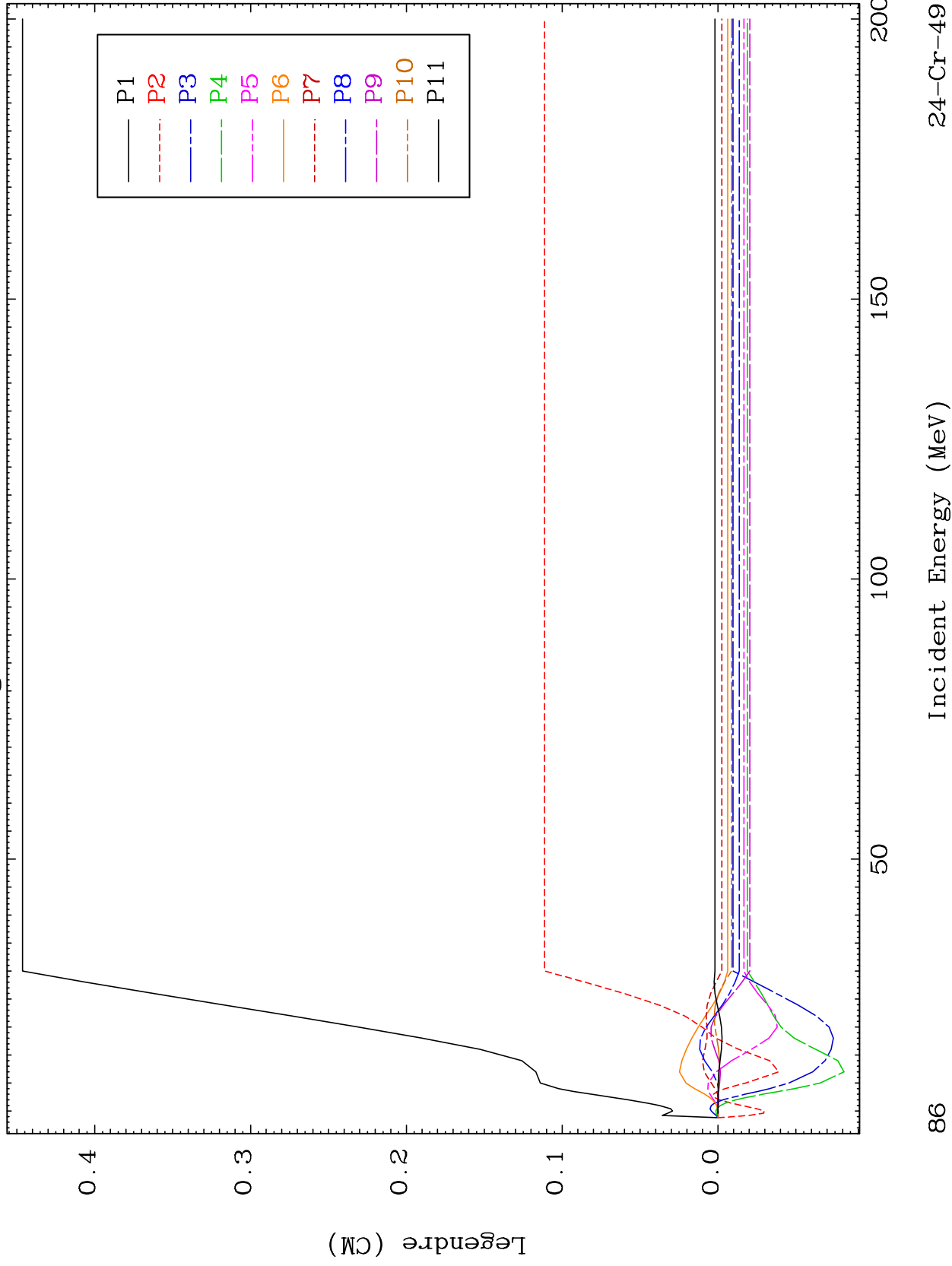
Incident Energy (MeV)

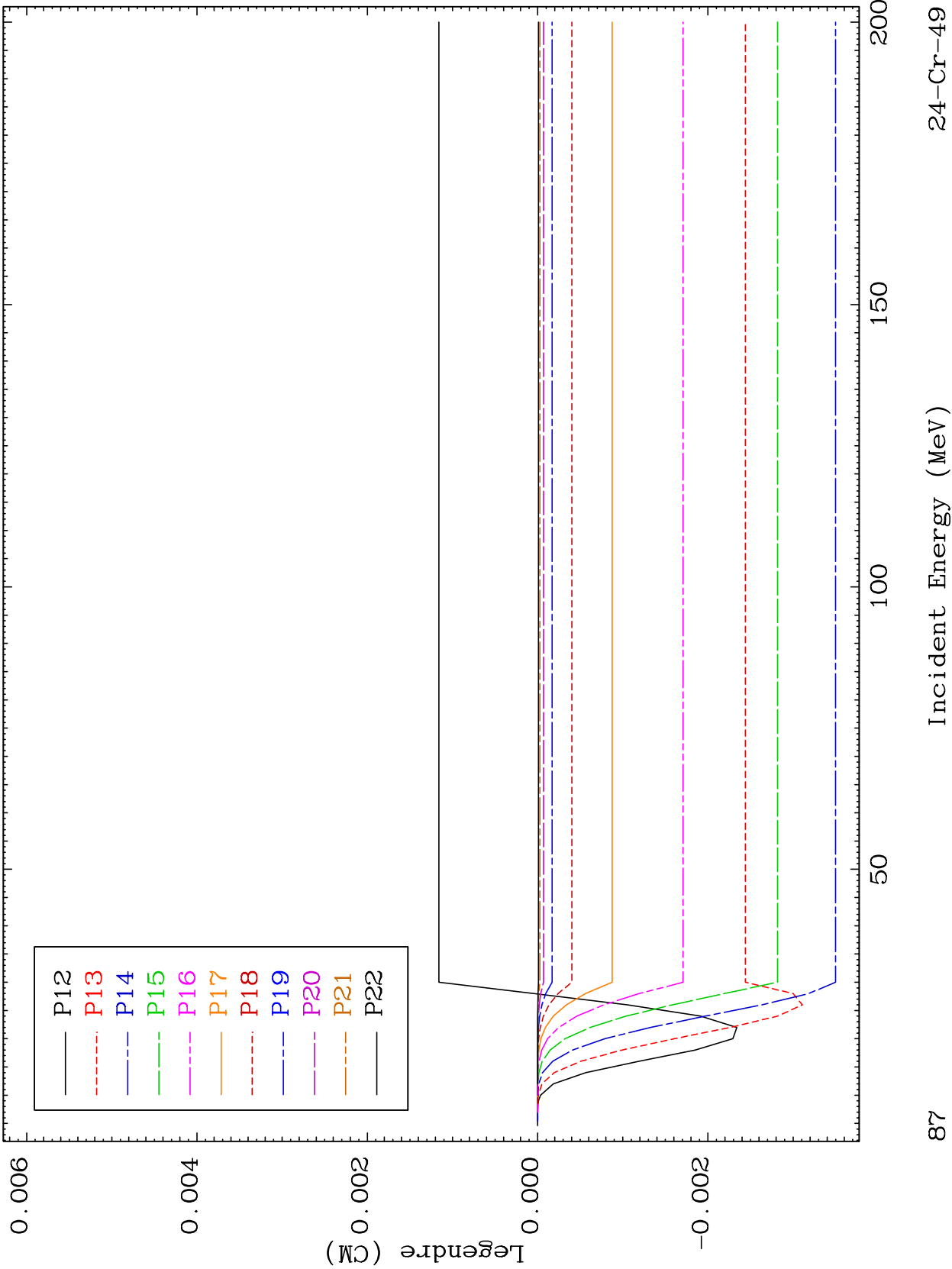
24-Cr-49

MAT 2422 MT= 73 (n,n') Level Legendre Coefficients 24-Cr-49

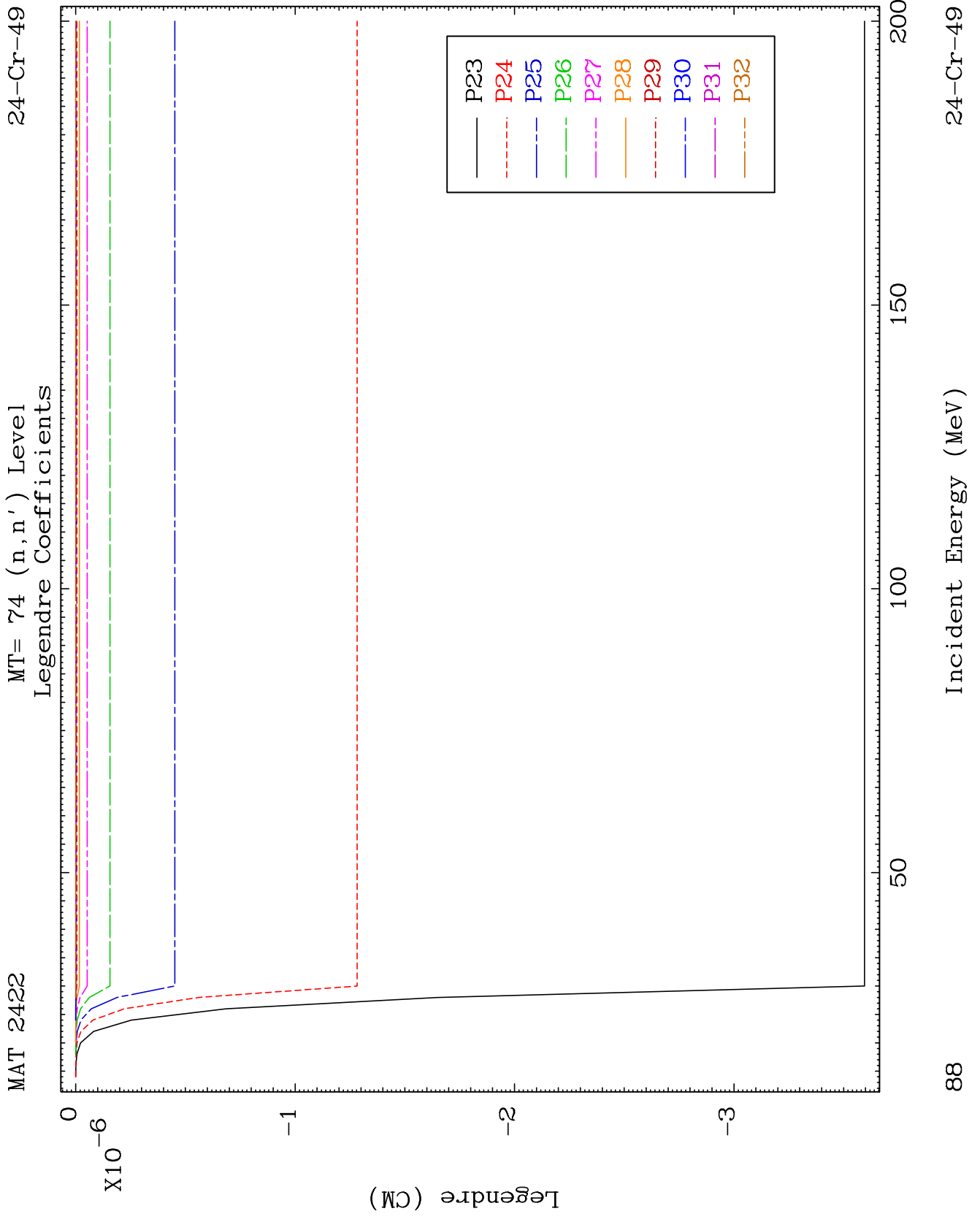


85 24-Cr-49





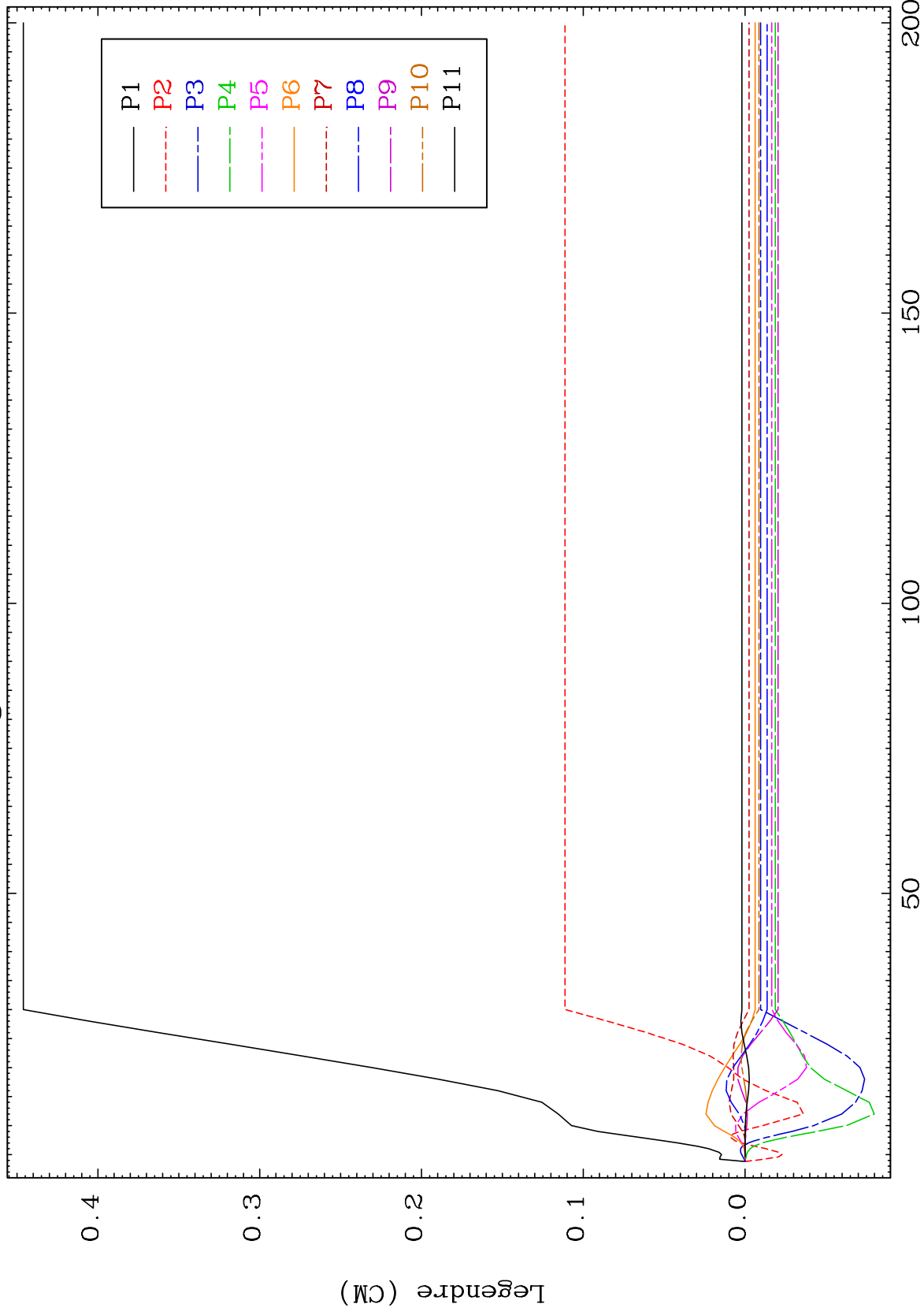




MAT 2422

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

24-Cr-49



89

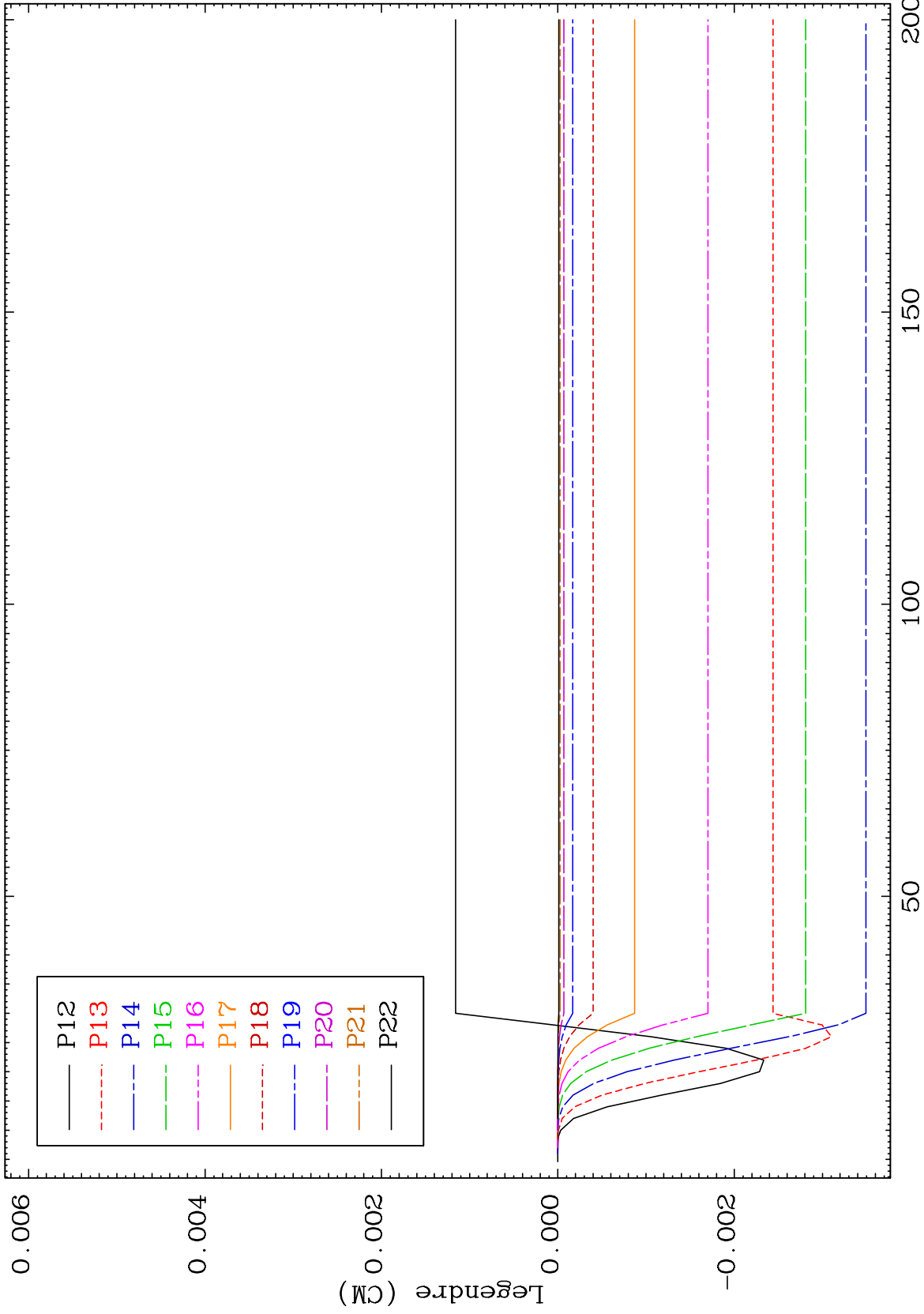
Incident Energy (MeV)

24-Cr-49

MAT 2422

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

24-Cr-49



90

Incident Energy (MeV)

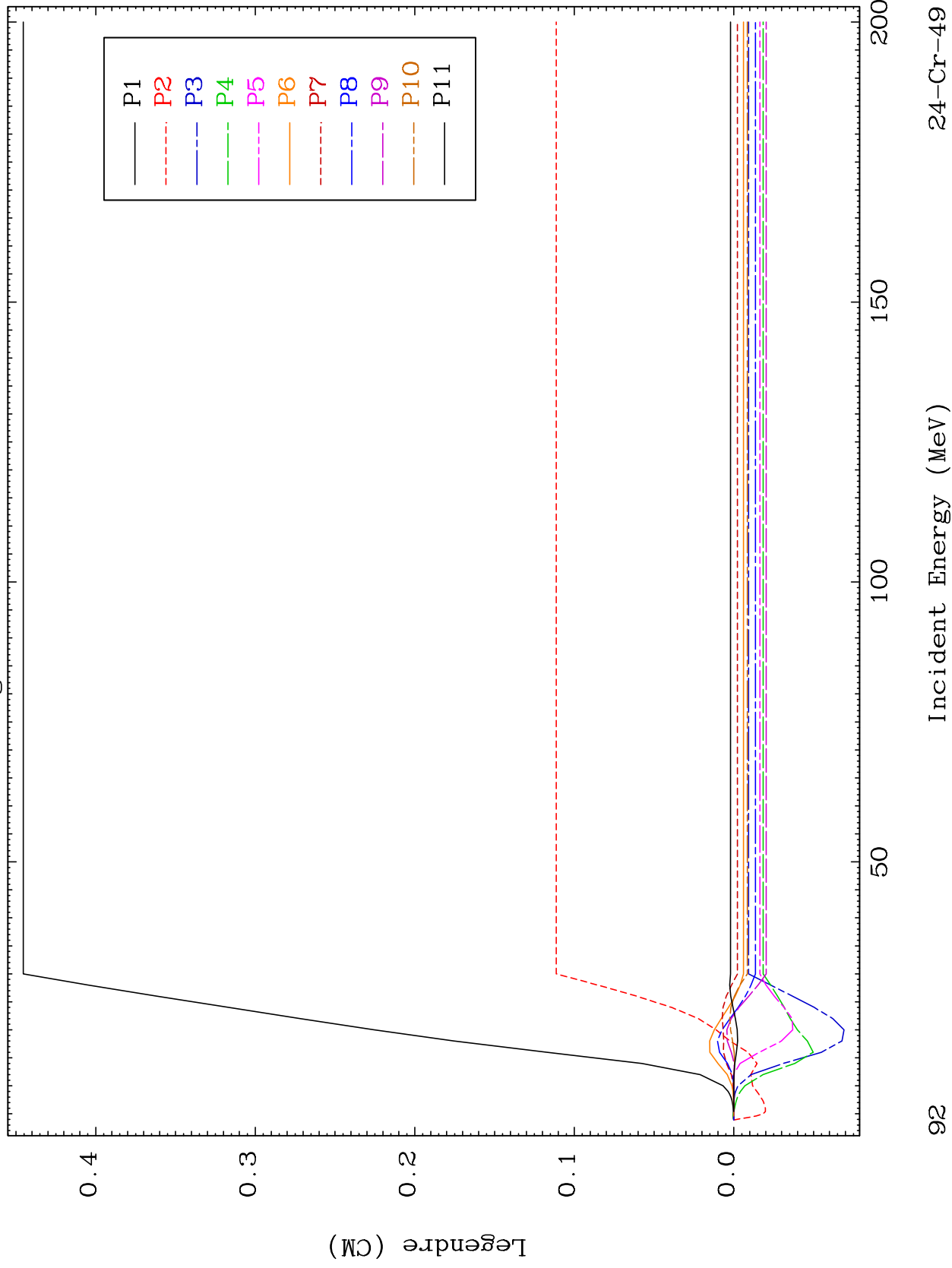
24-Cr-49



MAT 2422

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

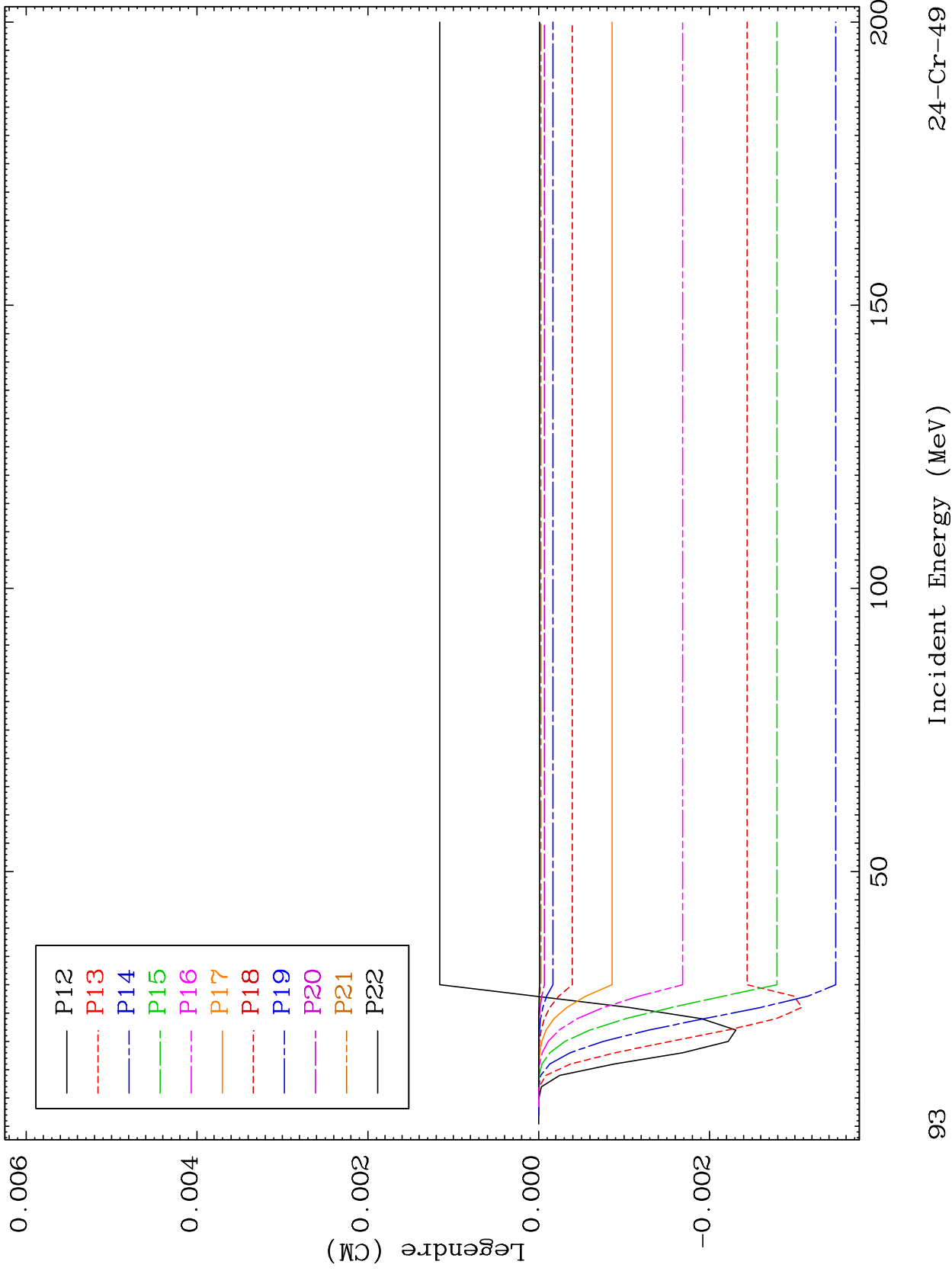
24-Cr-49

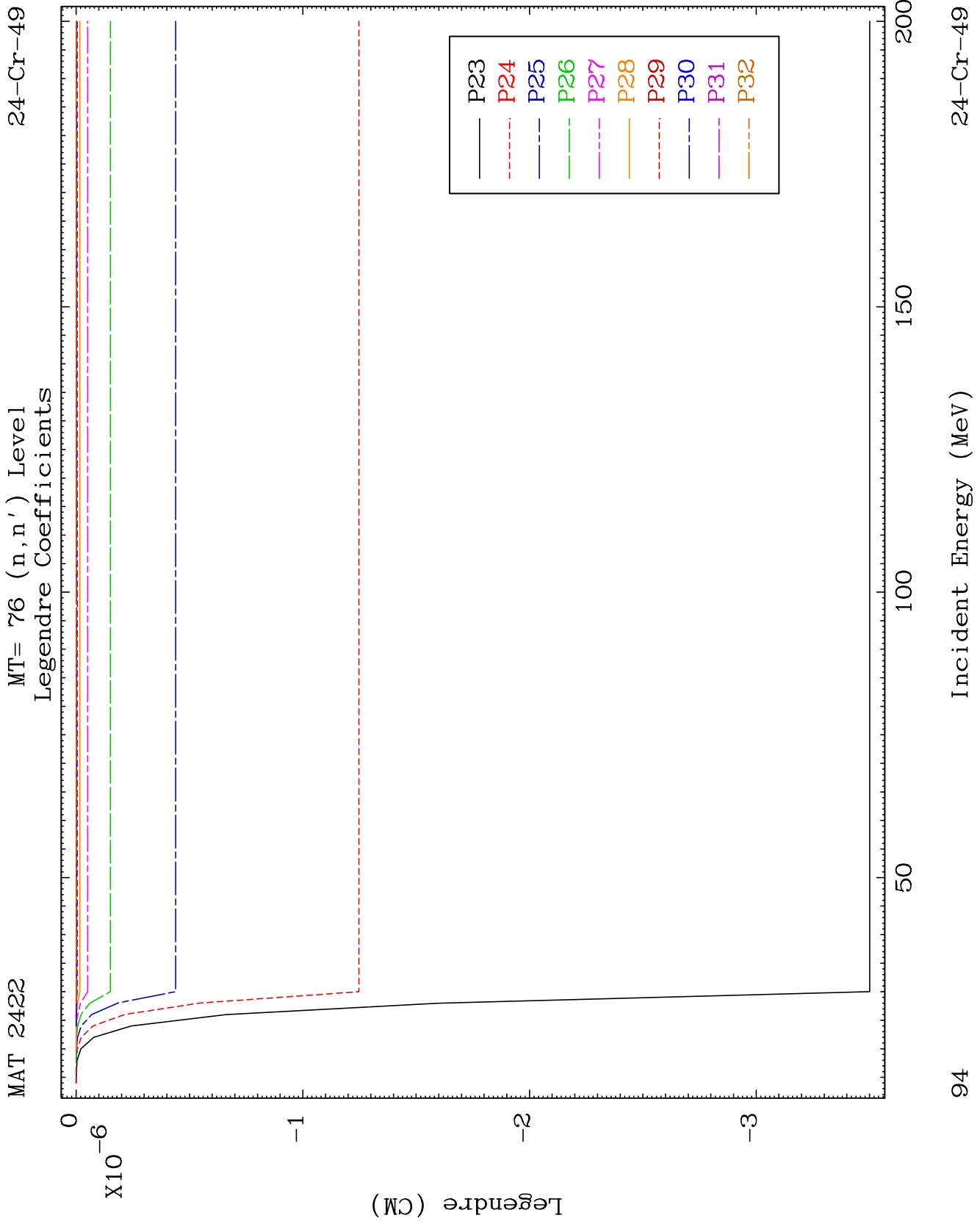


MAT 2422

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

24-Cr-49

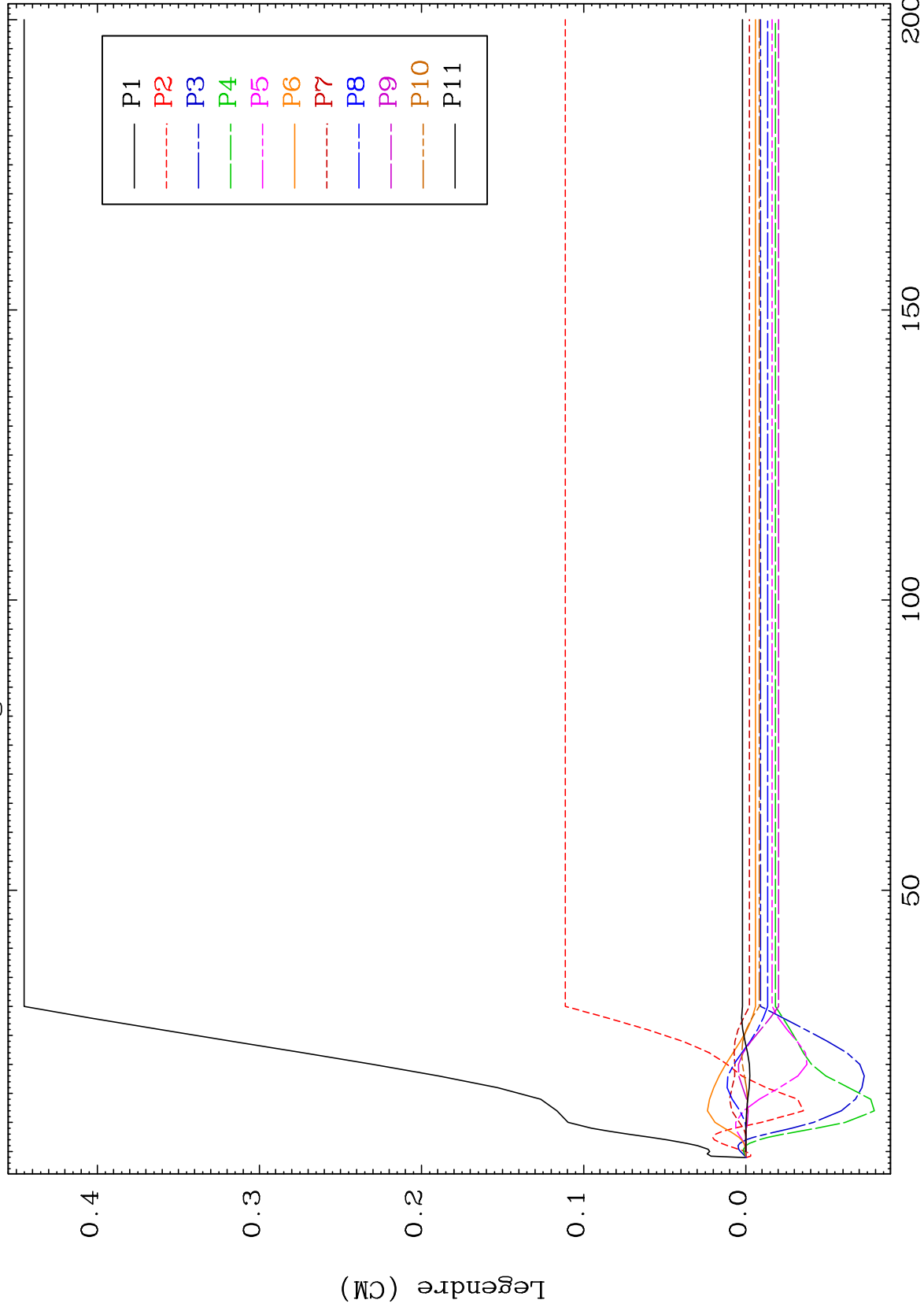




MAT 2422

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

24-Cr-49

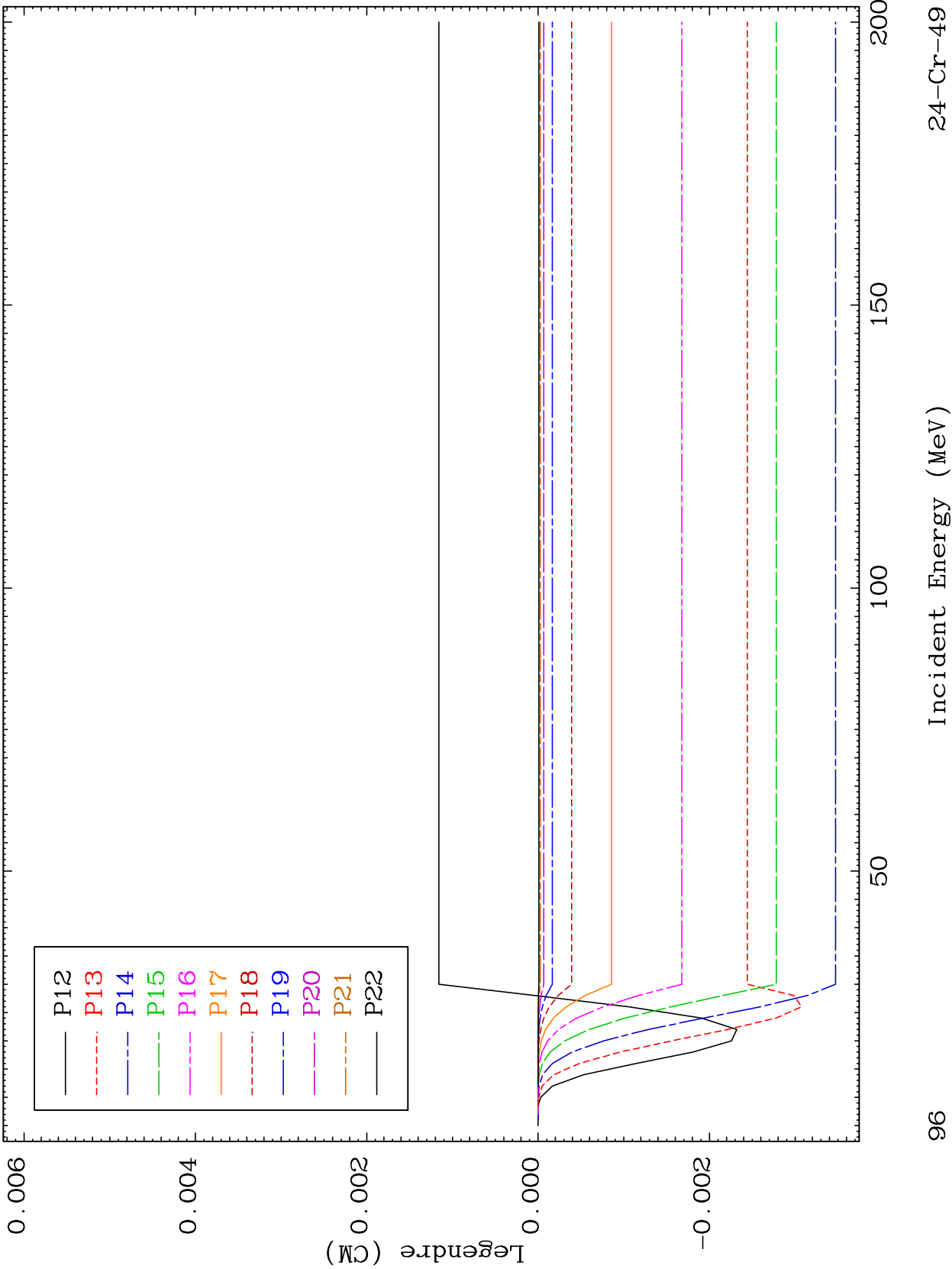


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Incident Energy (MeV)

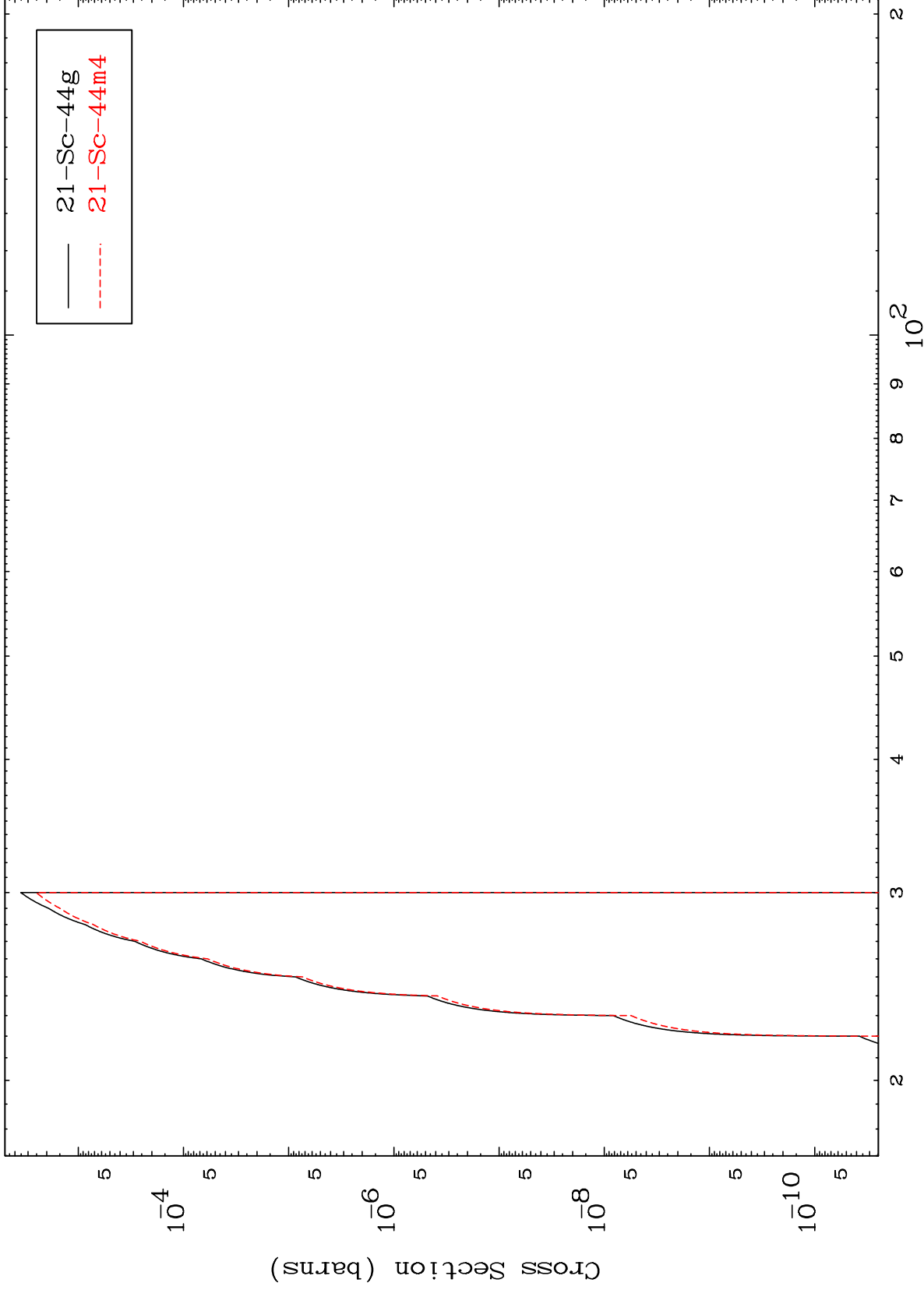
24-Cr-49







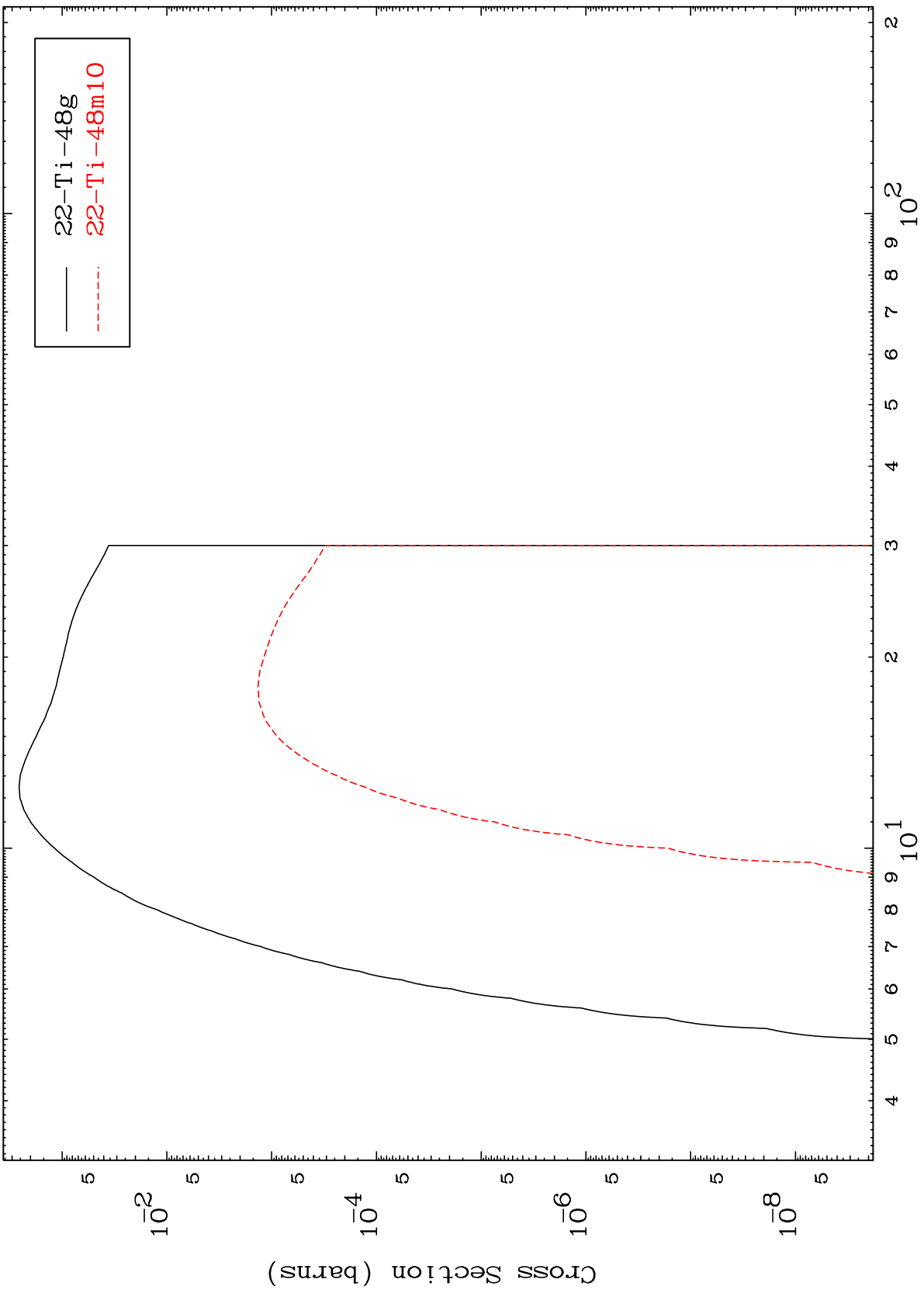
Radionuclide Production Cross Section



MAT 2422

24-Cr-49

(n,2p)  
Radionuclide Production Cross Section



99

Incident Energy (MeV)

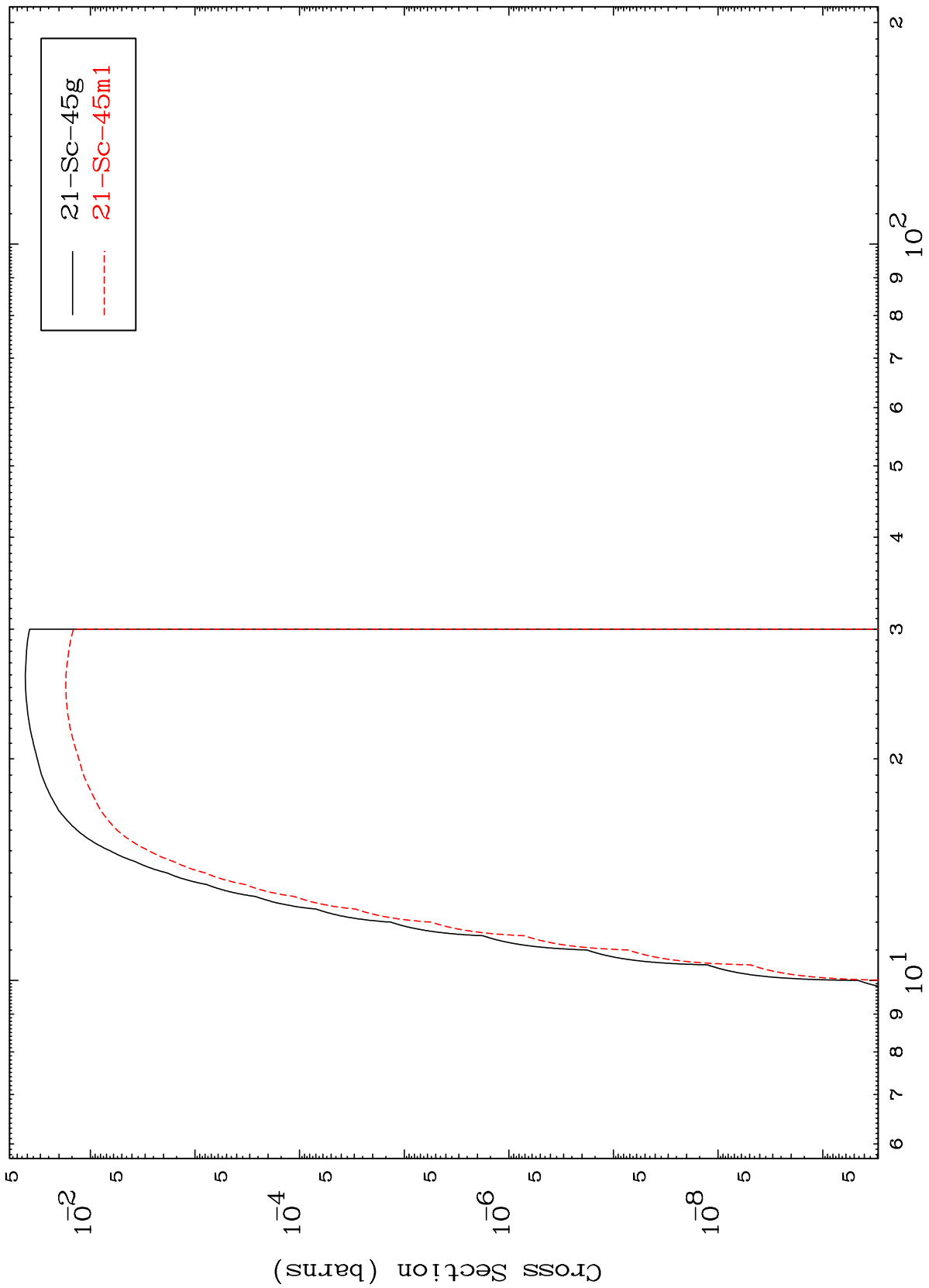
24-Cr-49

MAT 2422

(n,p)  $\alpha$

<sup>24</sup>Cr-49

Radionuclide Production Cross Section



100

Incident Energy (MeV)

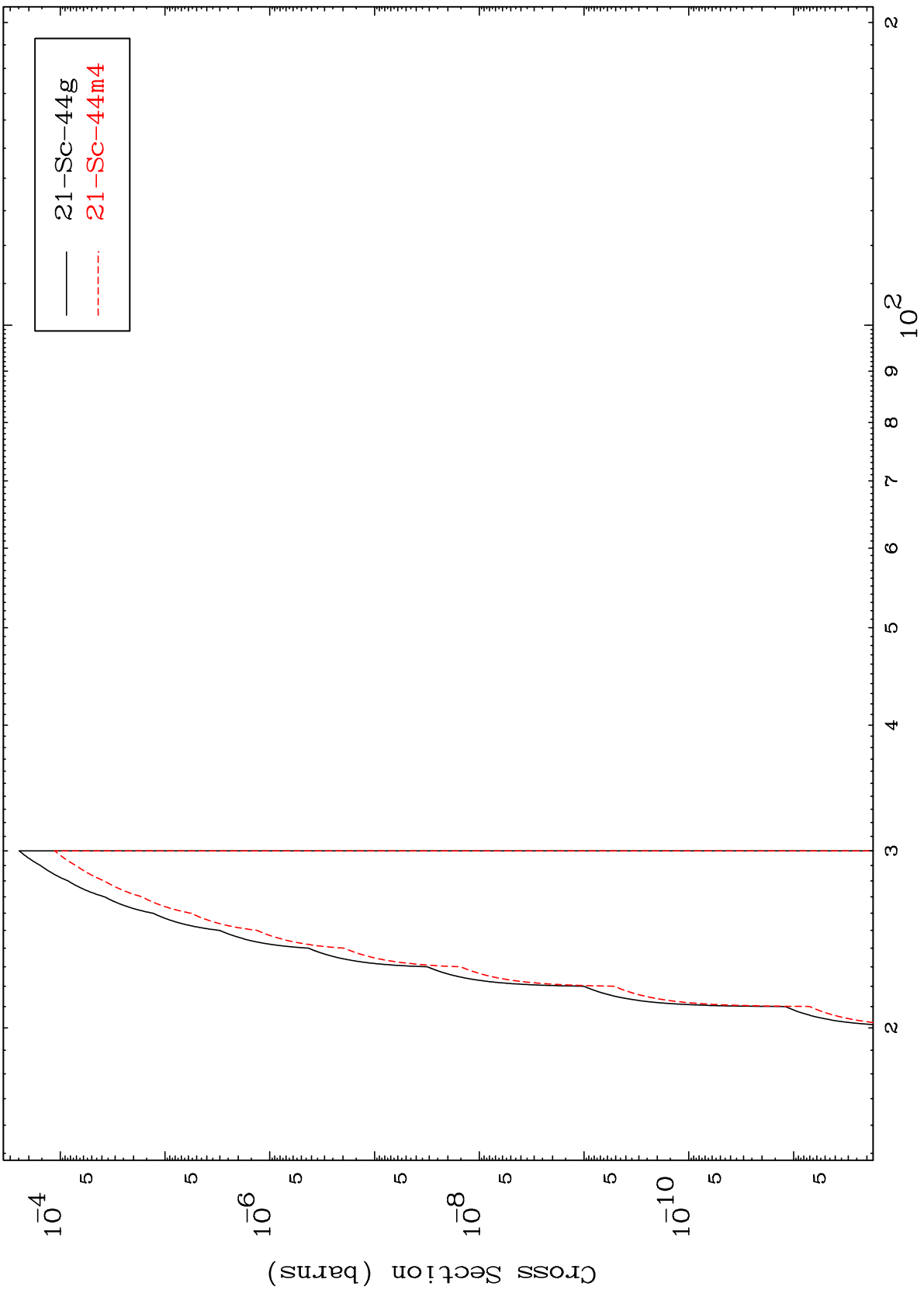
<sup>24</sup>Cr-49

MAT 2422

(n,d)  $\alpha$

24-Cr-49

Radionuclide Production Cross Section



— 21-Sc-44g  
- - - 21-Sc-44m4

101

Incident Energy (MeV)

24-Cr-49