

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

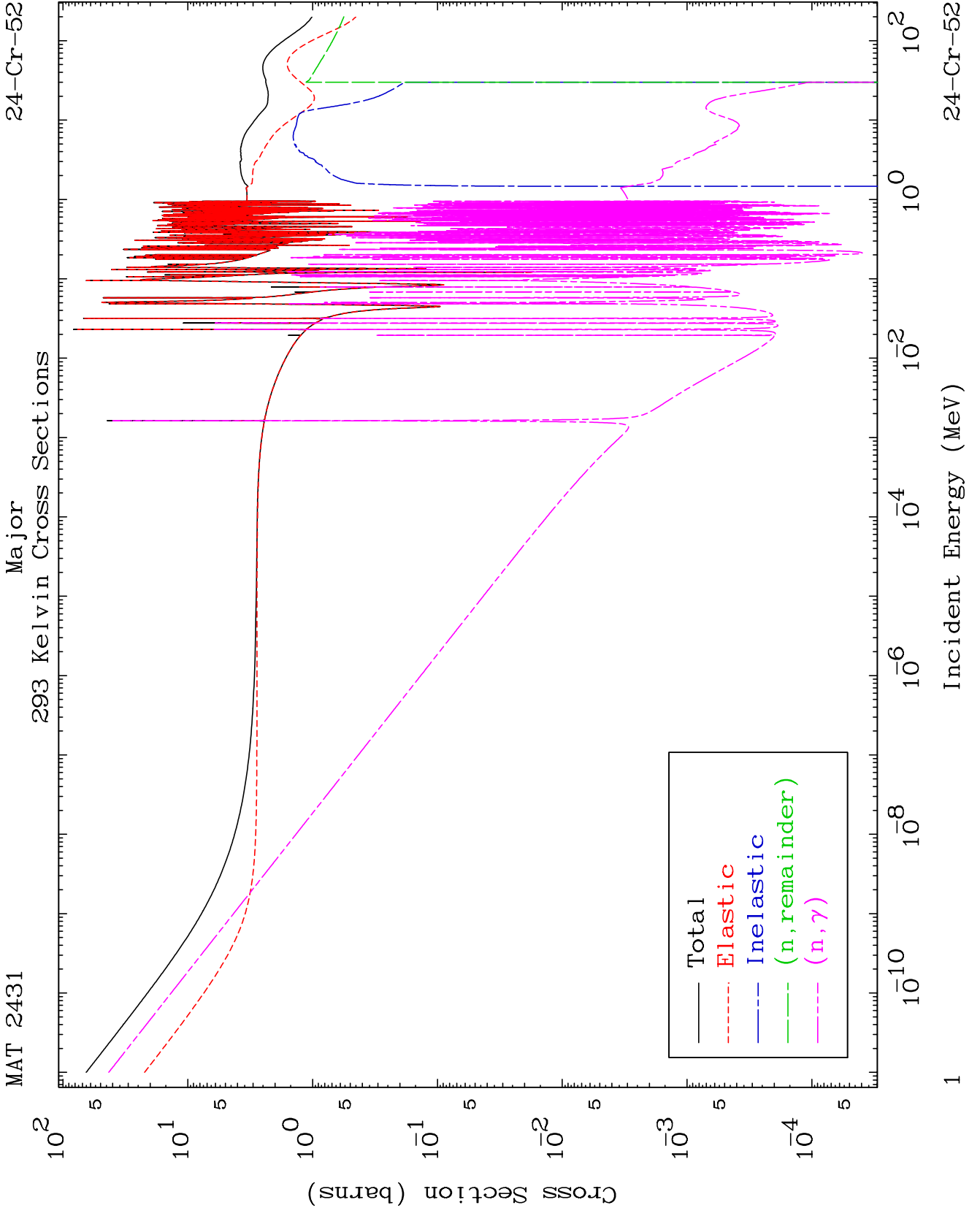
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Web:redcullen1.net/HOMEPAGE.NEW

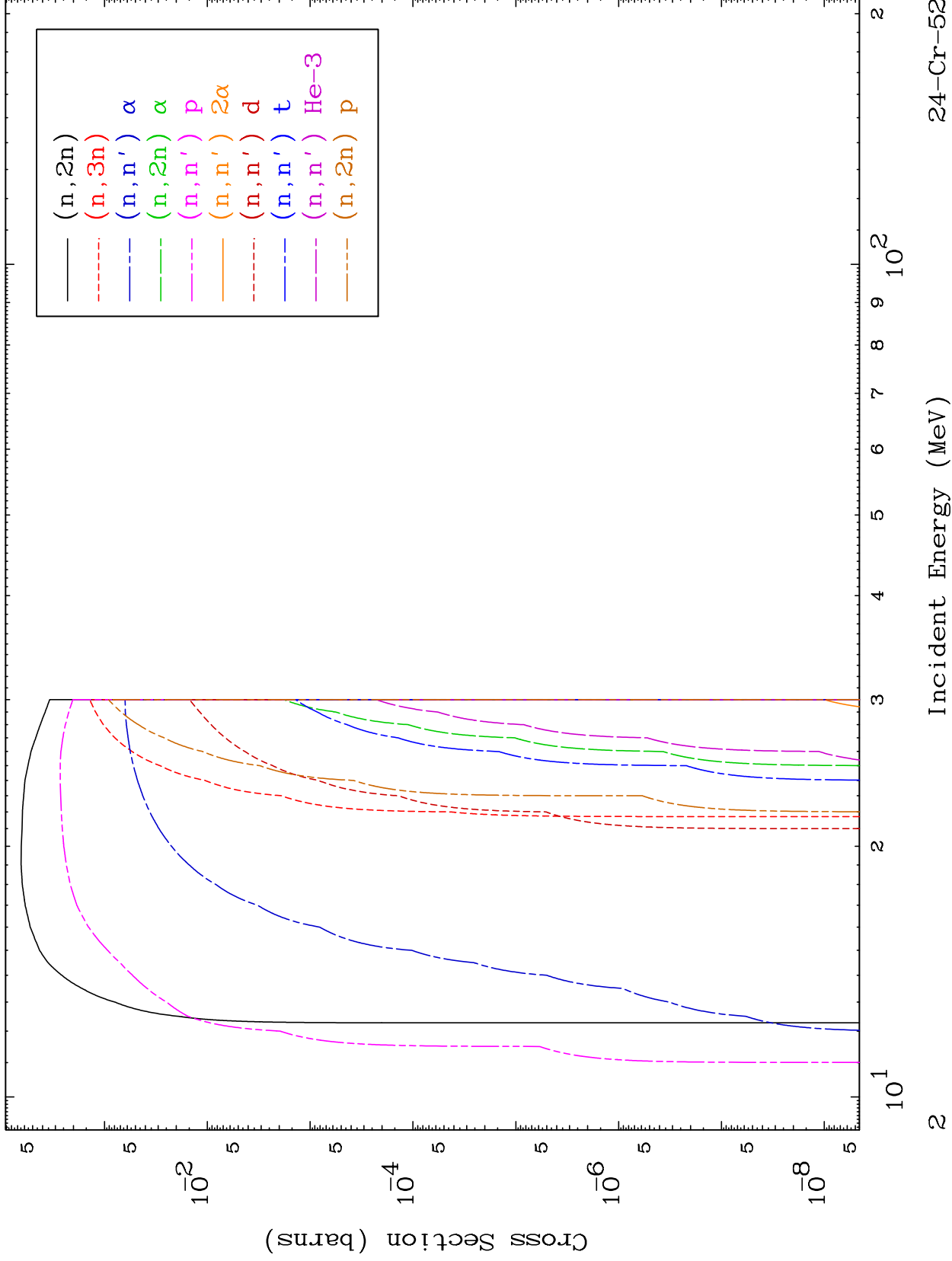
Press Mouse Button to Start



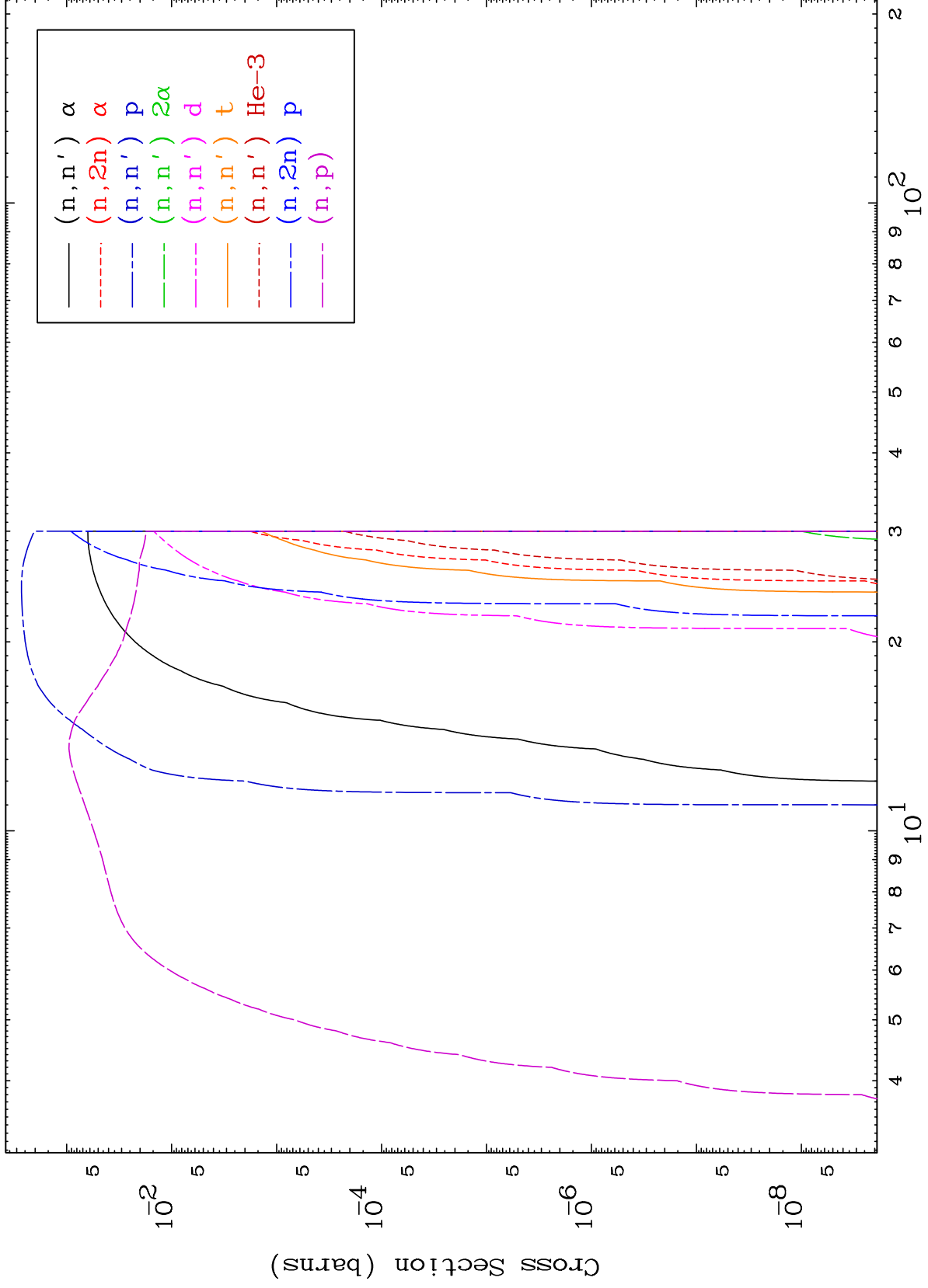
MAT 2431

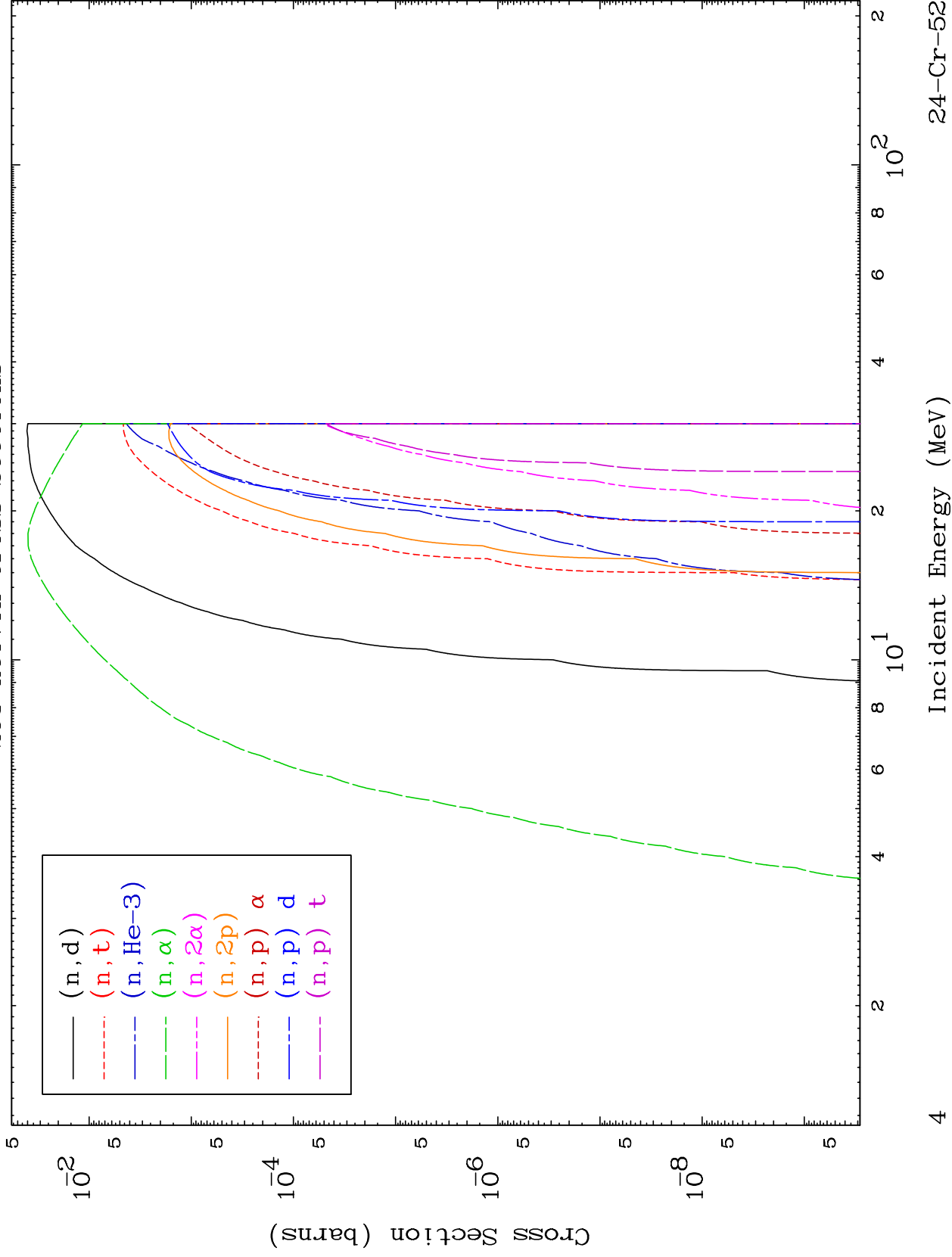
Neutron Production
293 Kelvin Cross Sections

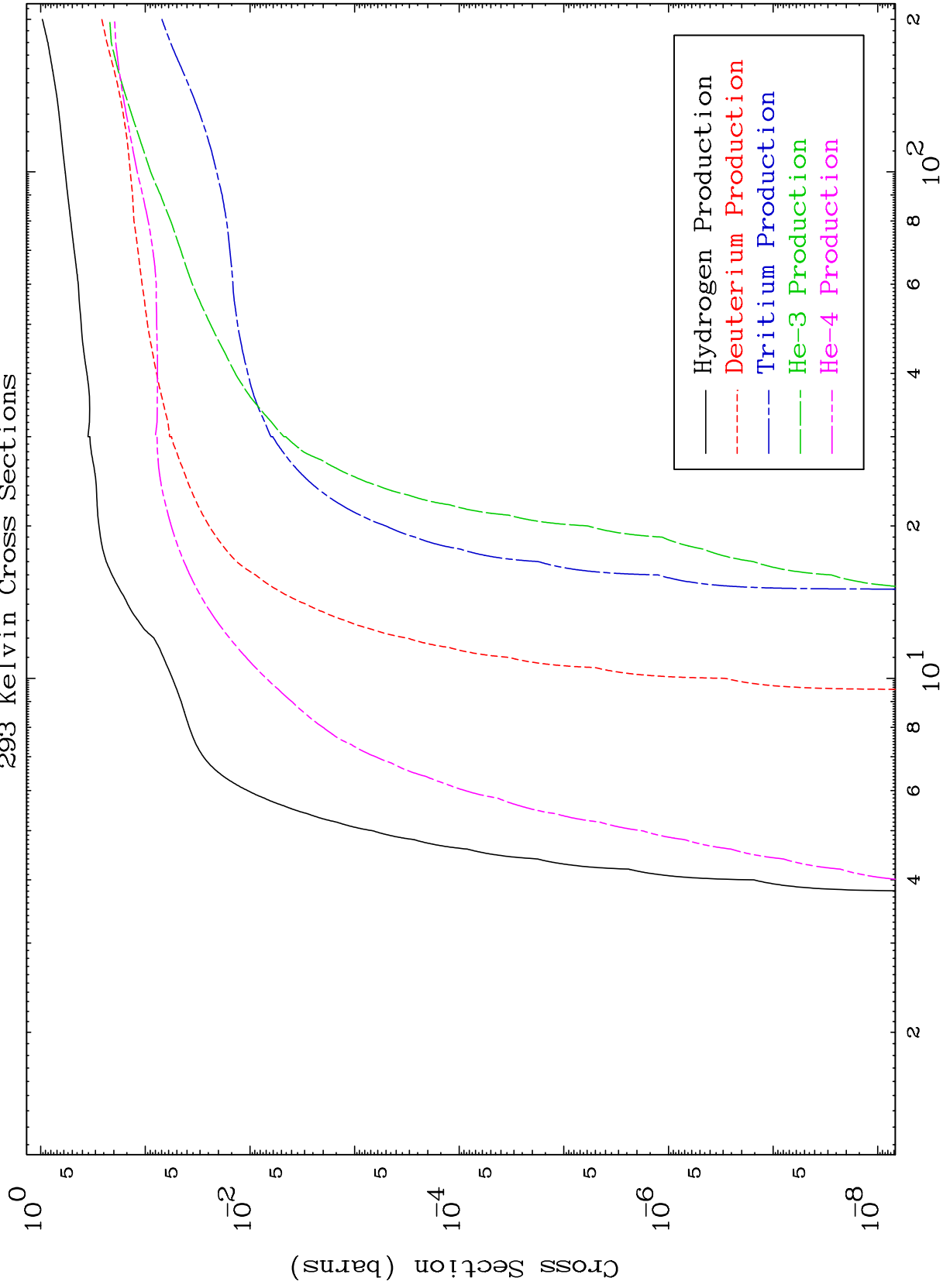
24-Cr-52



24-Cr-52





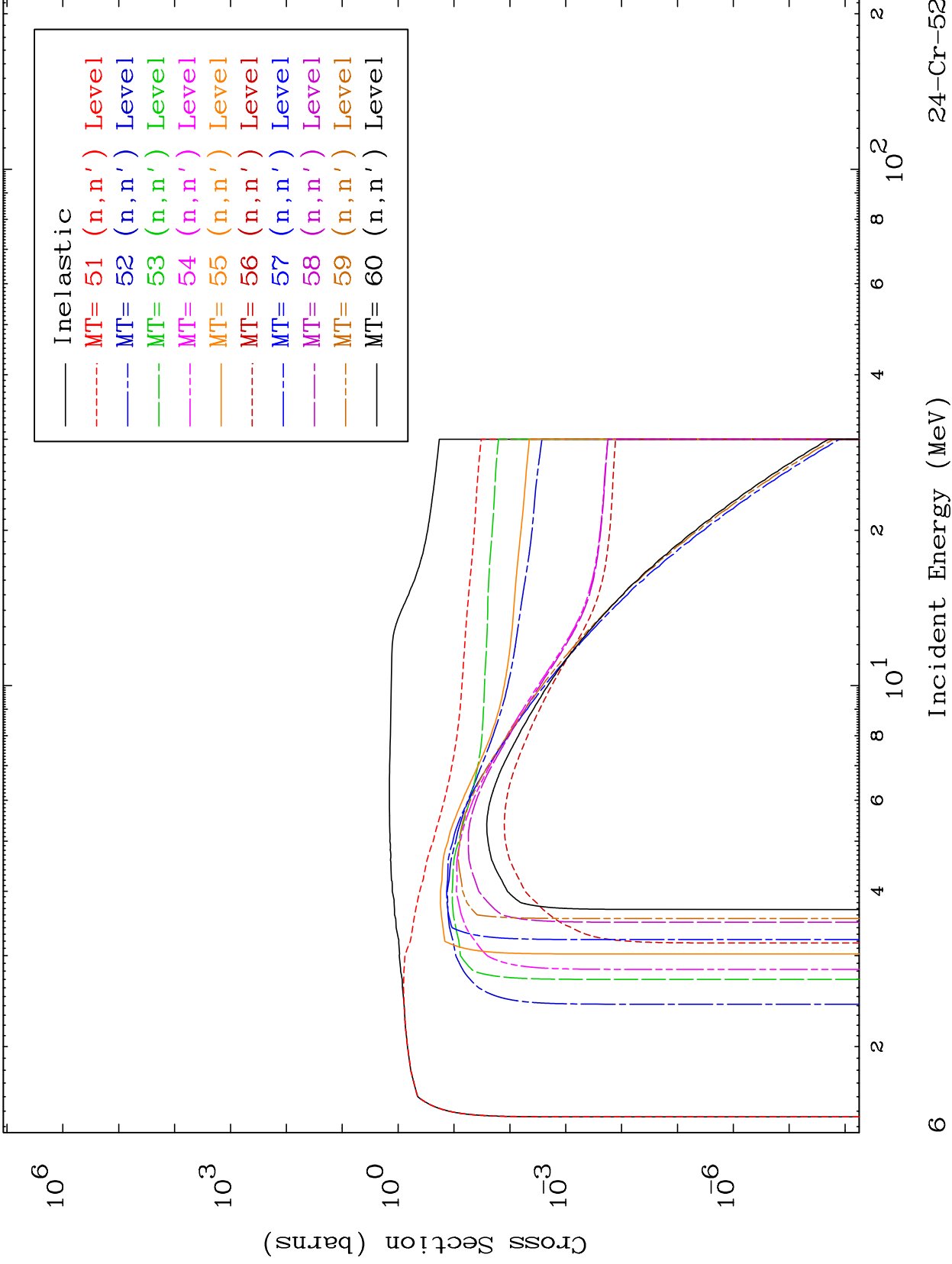


MAT 2431

(n,n') Level

24-Cr-52

293 Kelvin Cross Sections



6

Incident Energy (MeV)

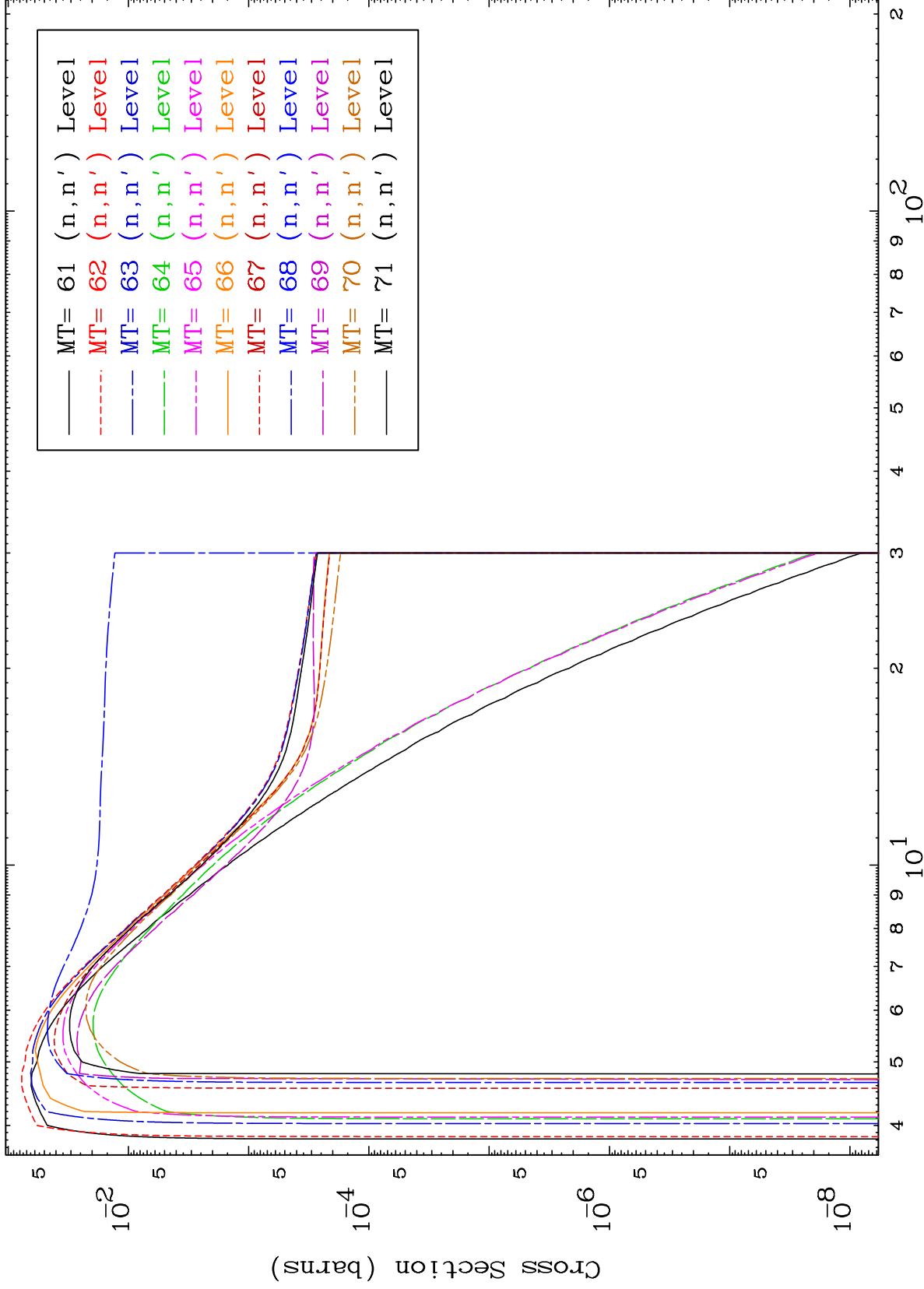
24-Cr-52

MAT 2431

(n,n') Level

24-Cr-52

293 Kelvin Cross Sections



7

Incident Energy (MeV)

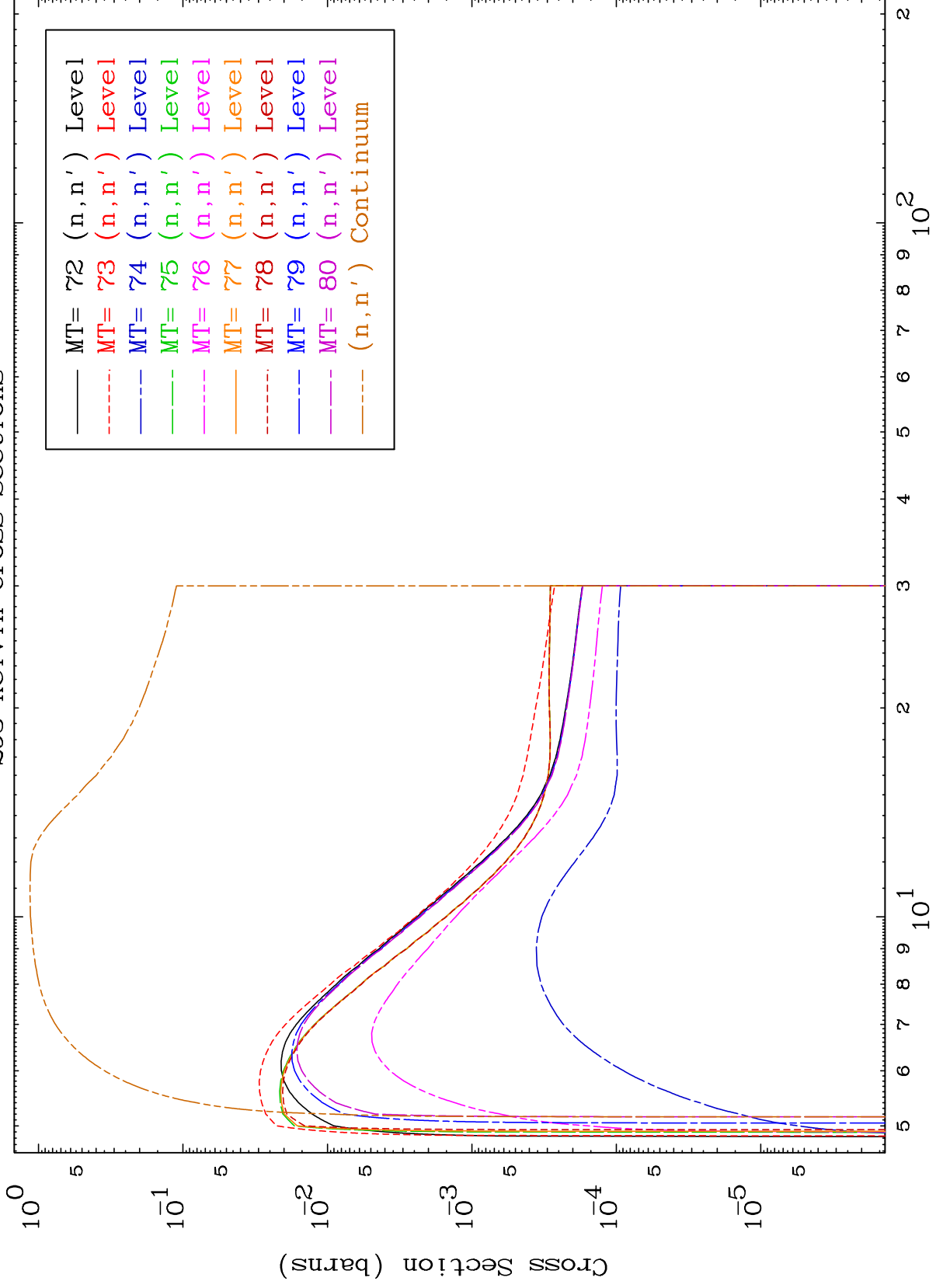
24-Cr-52

MAT 2431

(n,n') Level

293 Kelvin Cross Sections

24-Cr-52



8

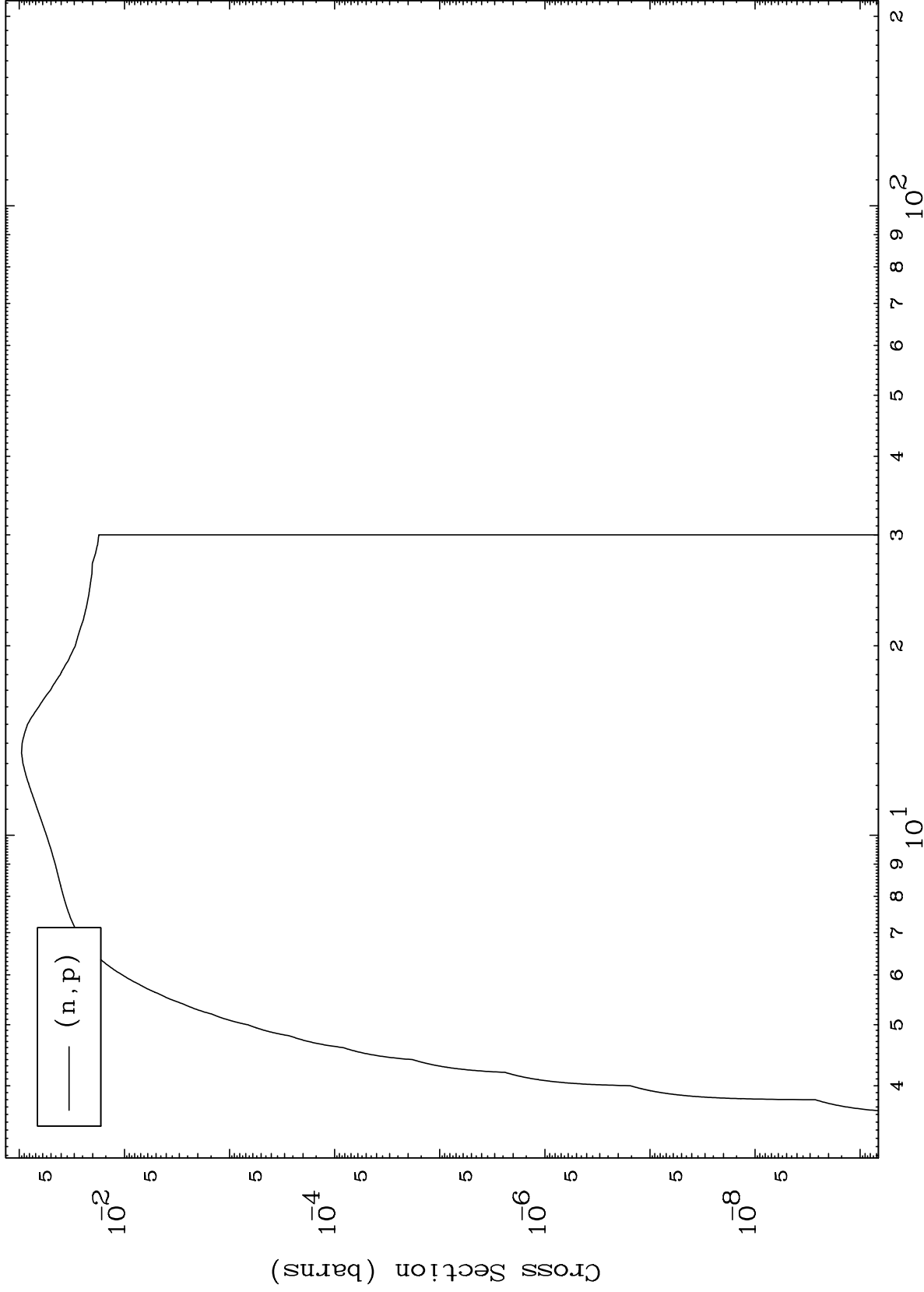
Incident Energy (MeV)

24-Cr-52

MAT 2431

(n,p) Levels
293 Kelvin Cross Sections

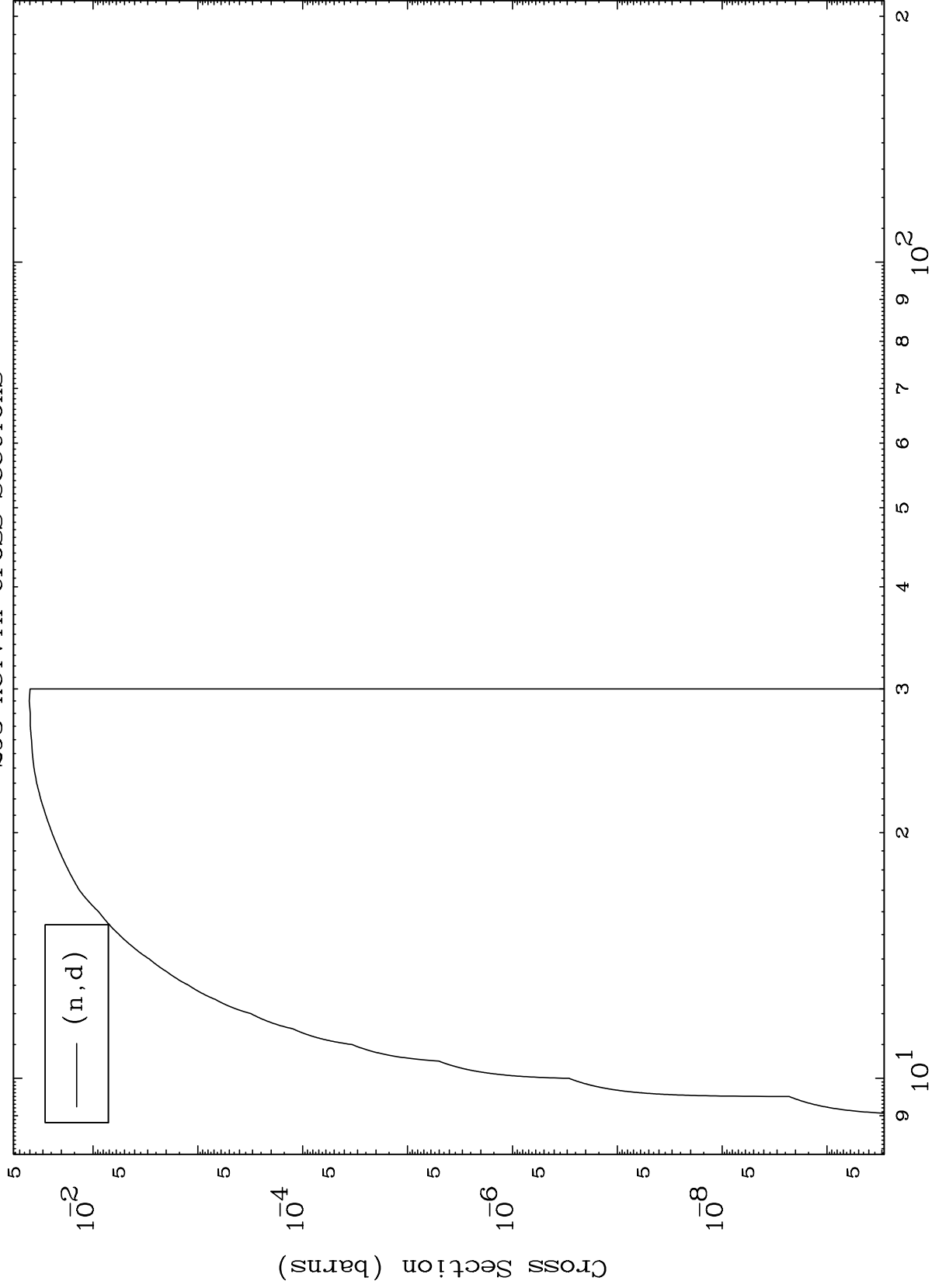
24-Cr-52



MAT 2431

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-52



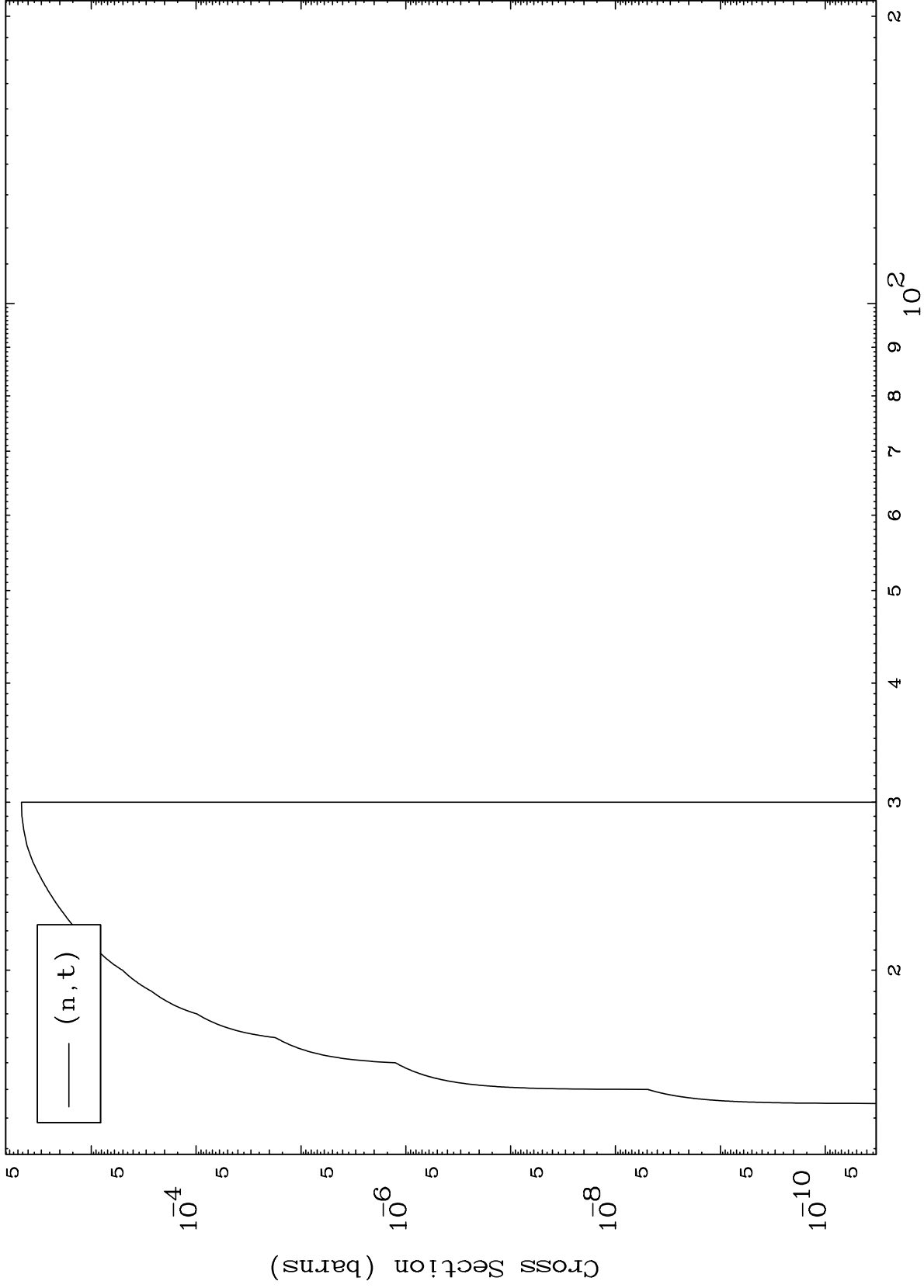
Incident Energy (MeV)

24-Cr-52

MAT 2431

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-52



11

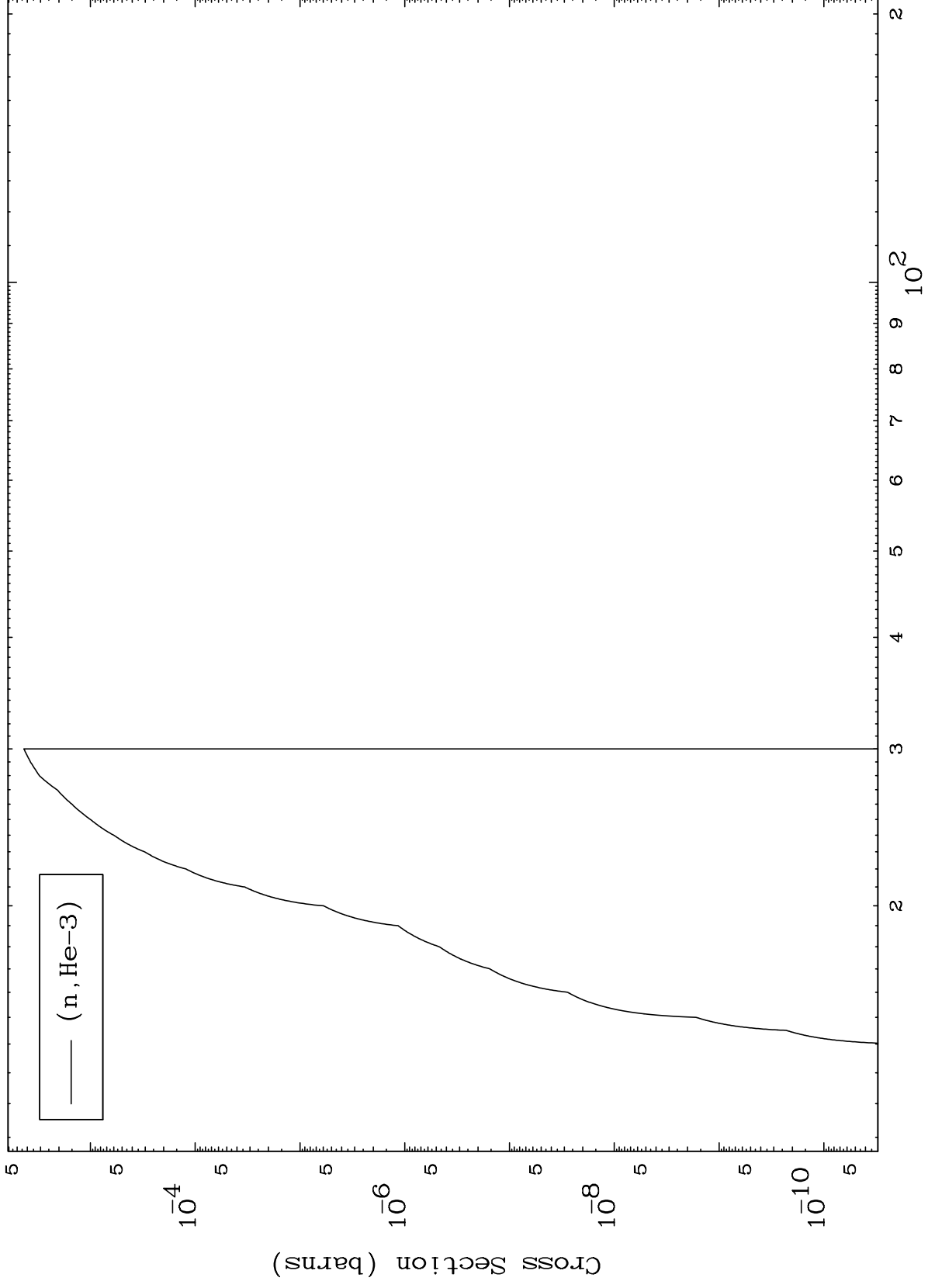
Incident Energy (MeV)

24-Cr-52

MAT 2431

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-52



12

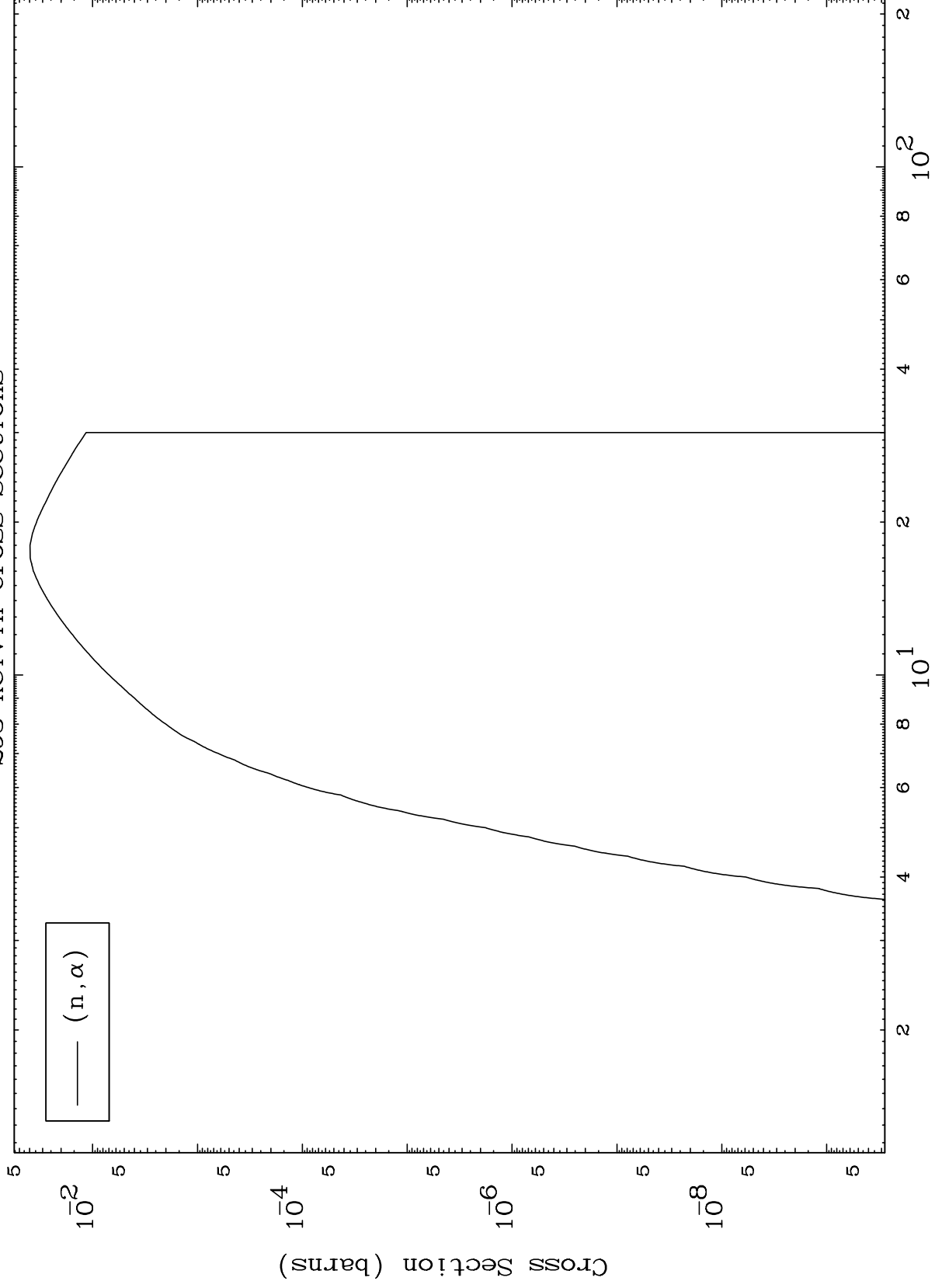
Incident Energy (MeV)

24-Cr-52

MAT 2431

(n, α) Levels
293 Kelvin Cross Sections

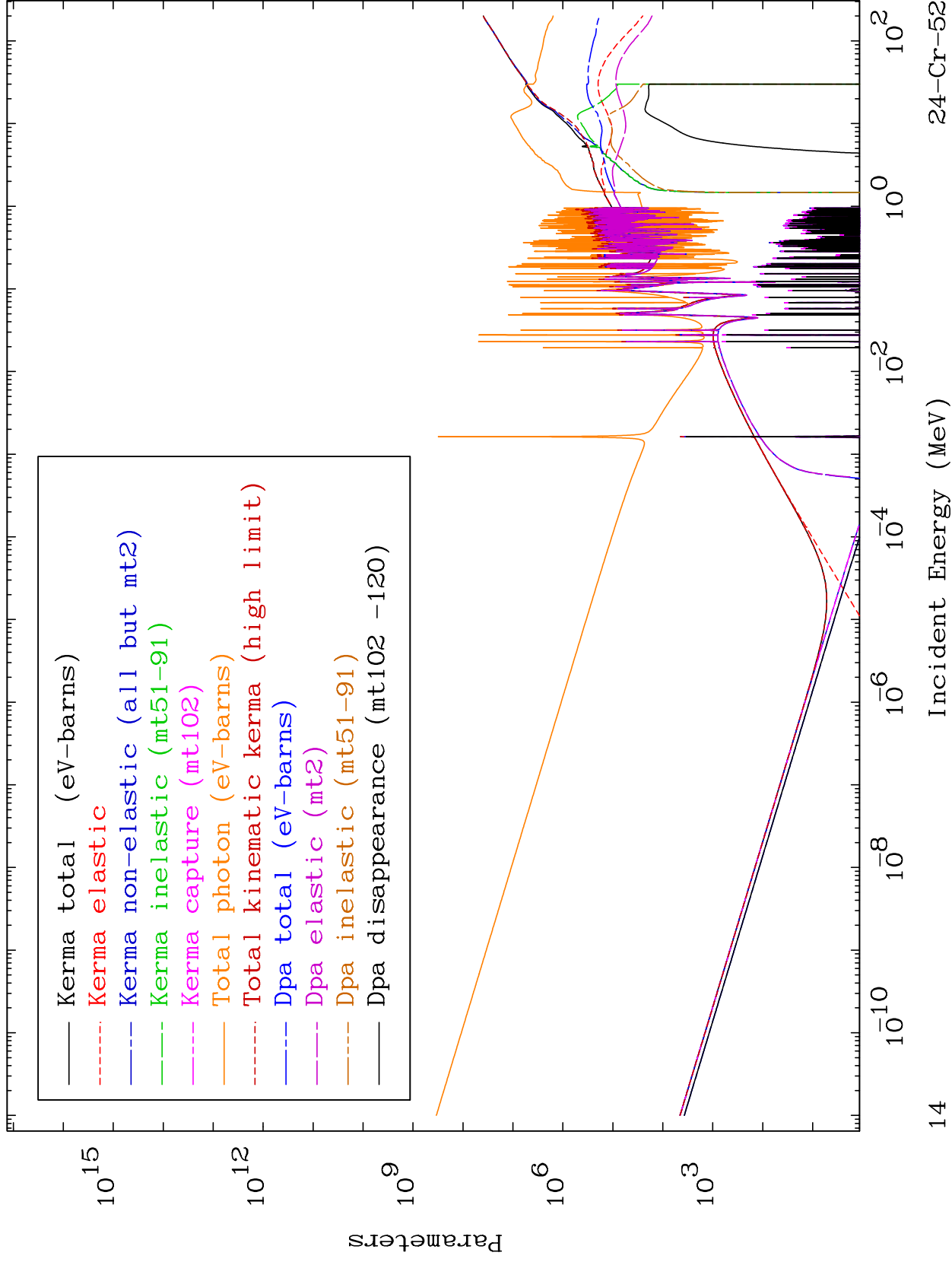
24-Cr-52

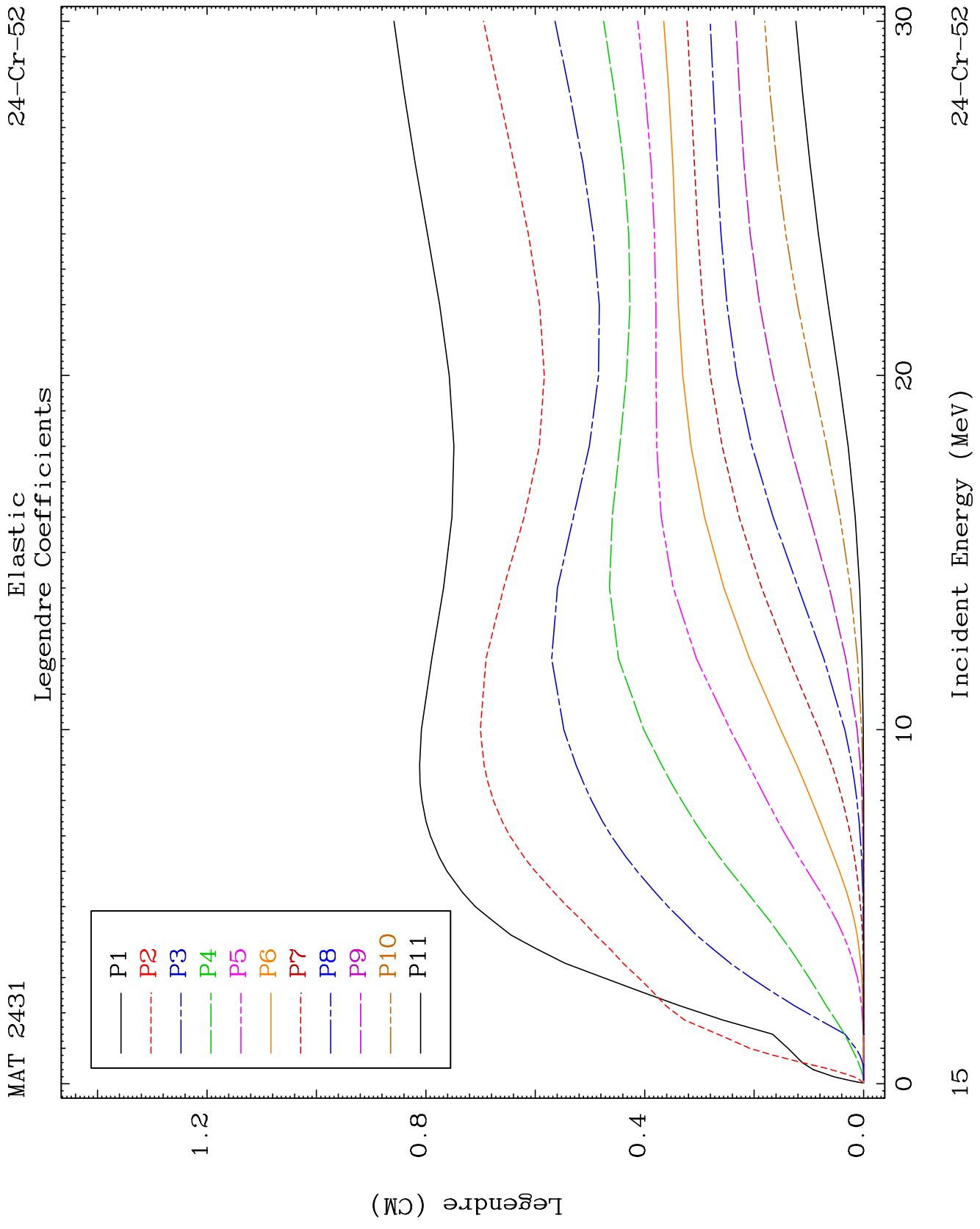


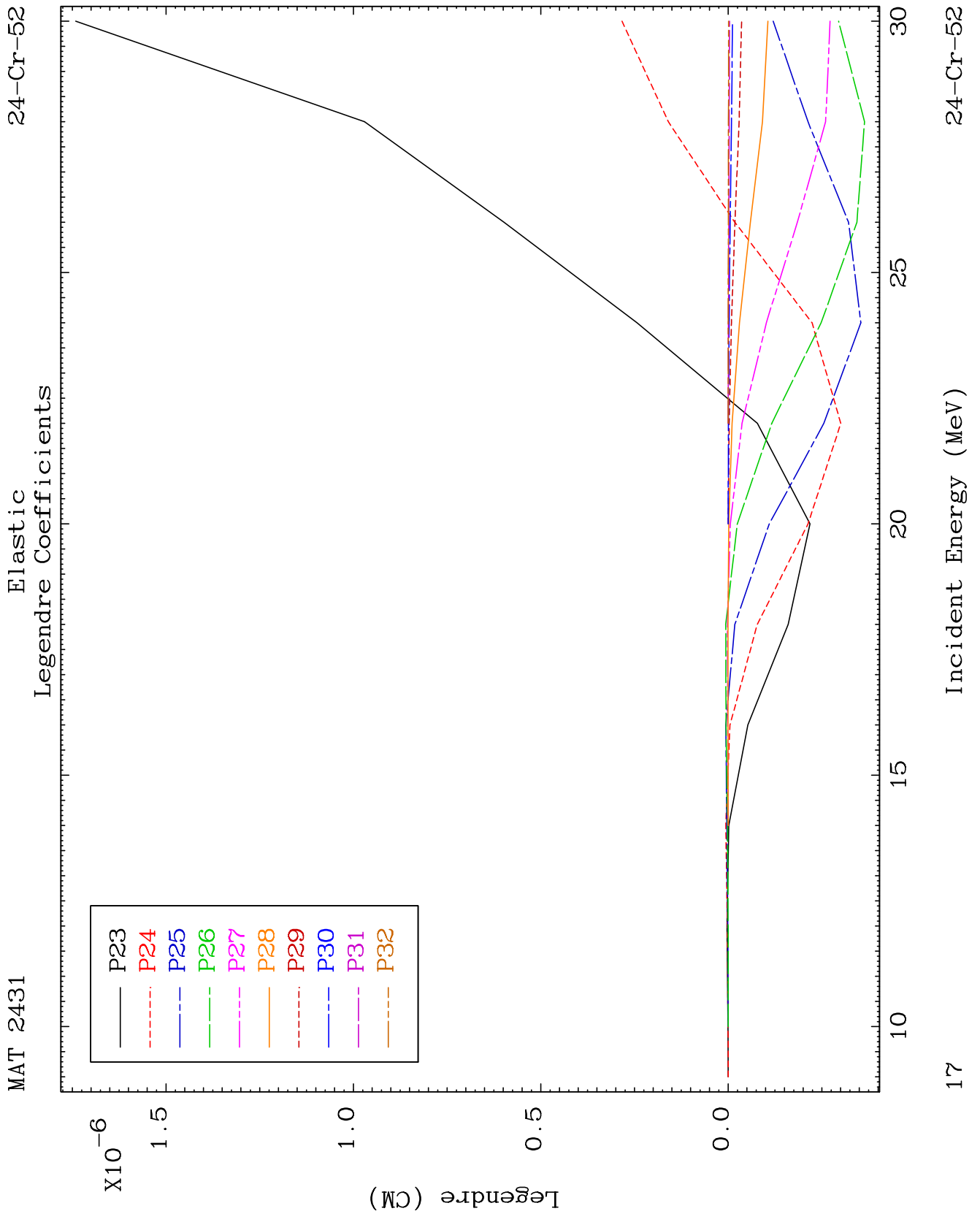
13

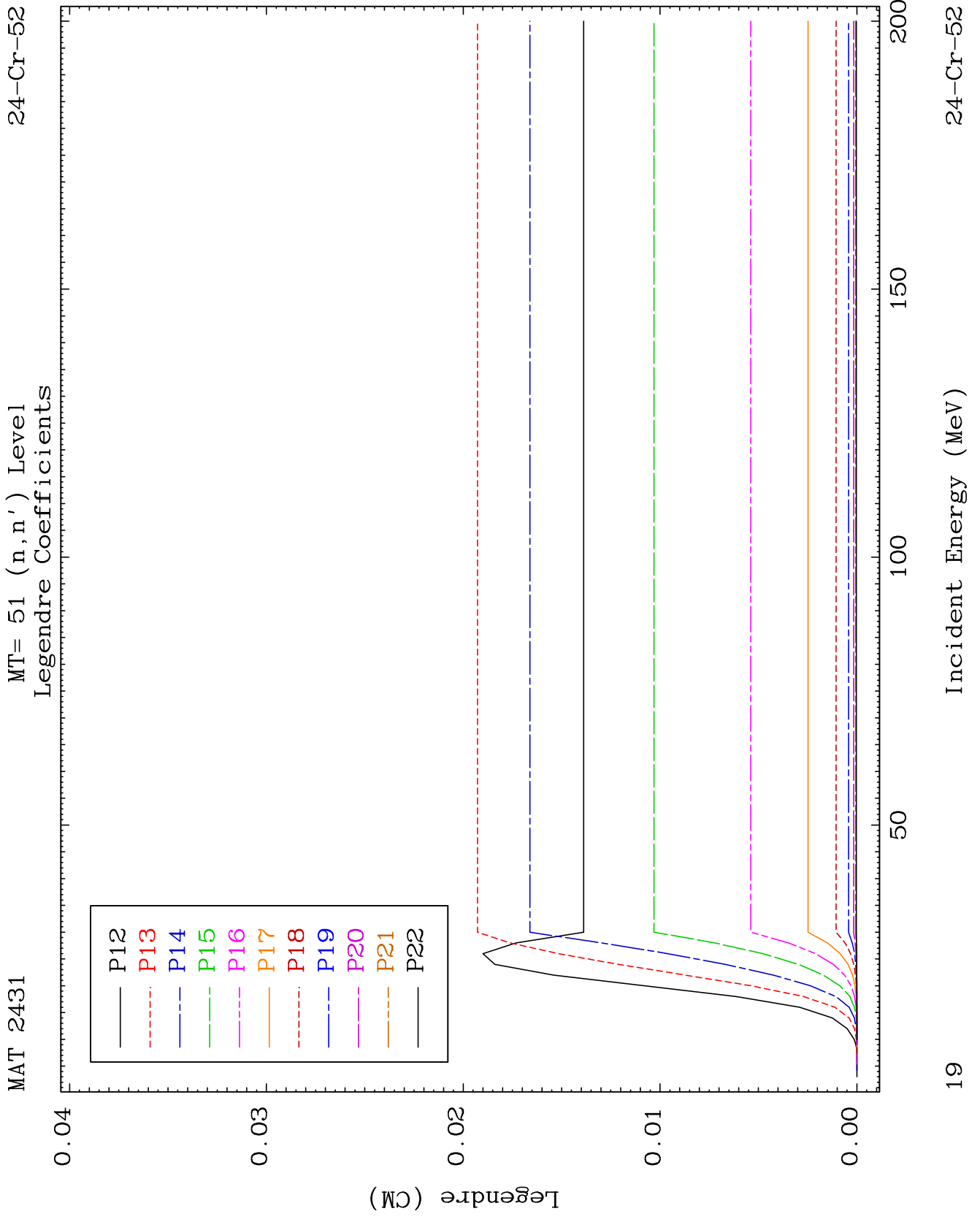
Incident Energy (MeV)

24-Cr-52





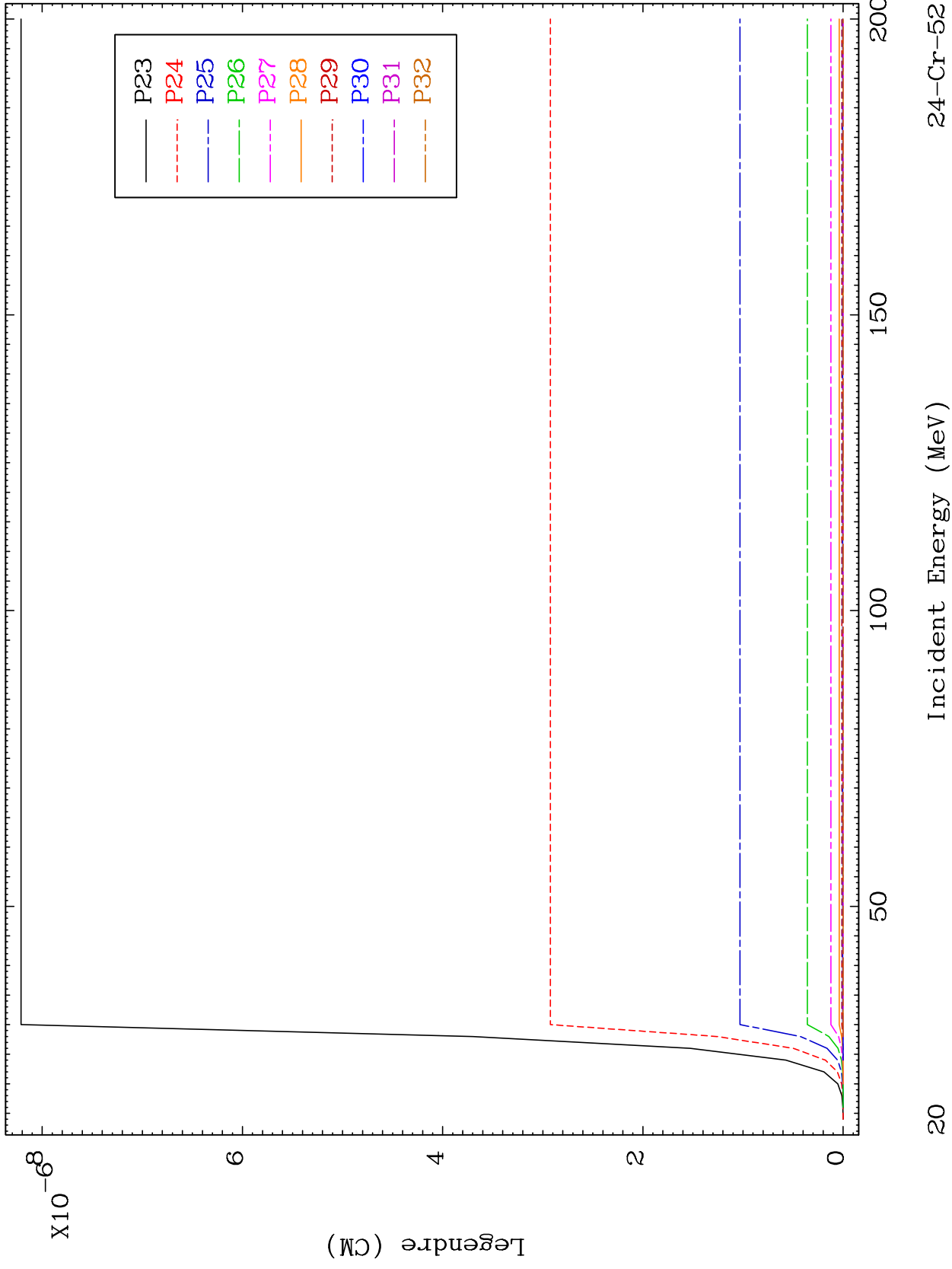




MAT 2431

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

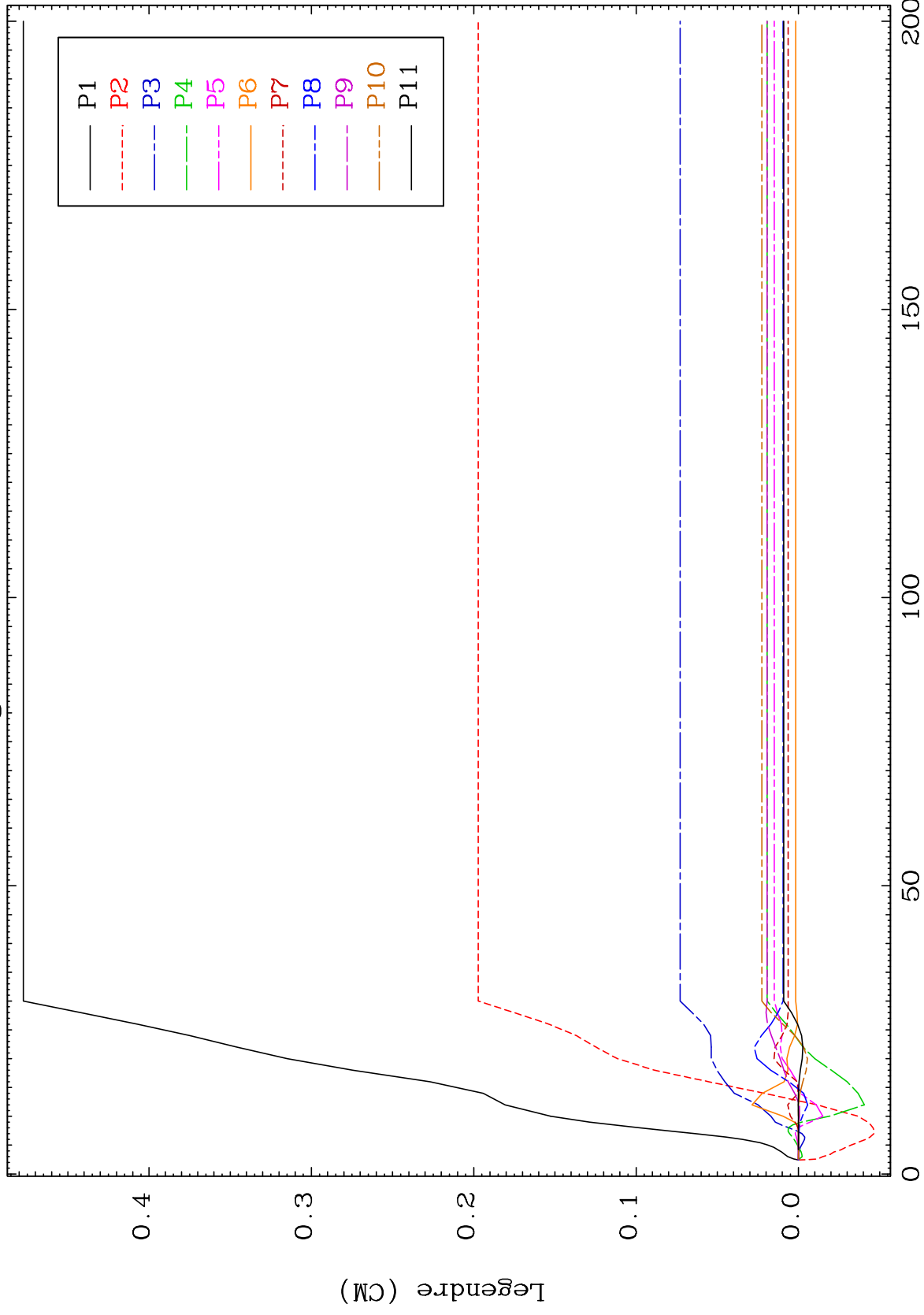
24-Cr-52



MAT 2431

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

24-Cr-52



24-Cr-52

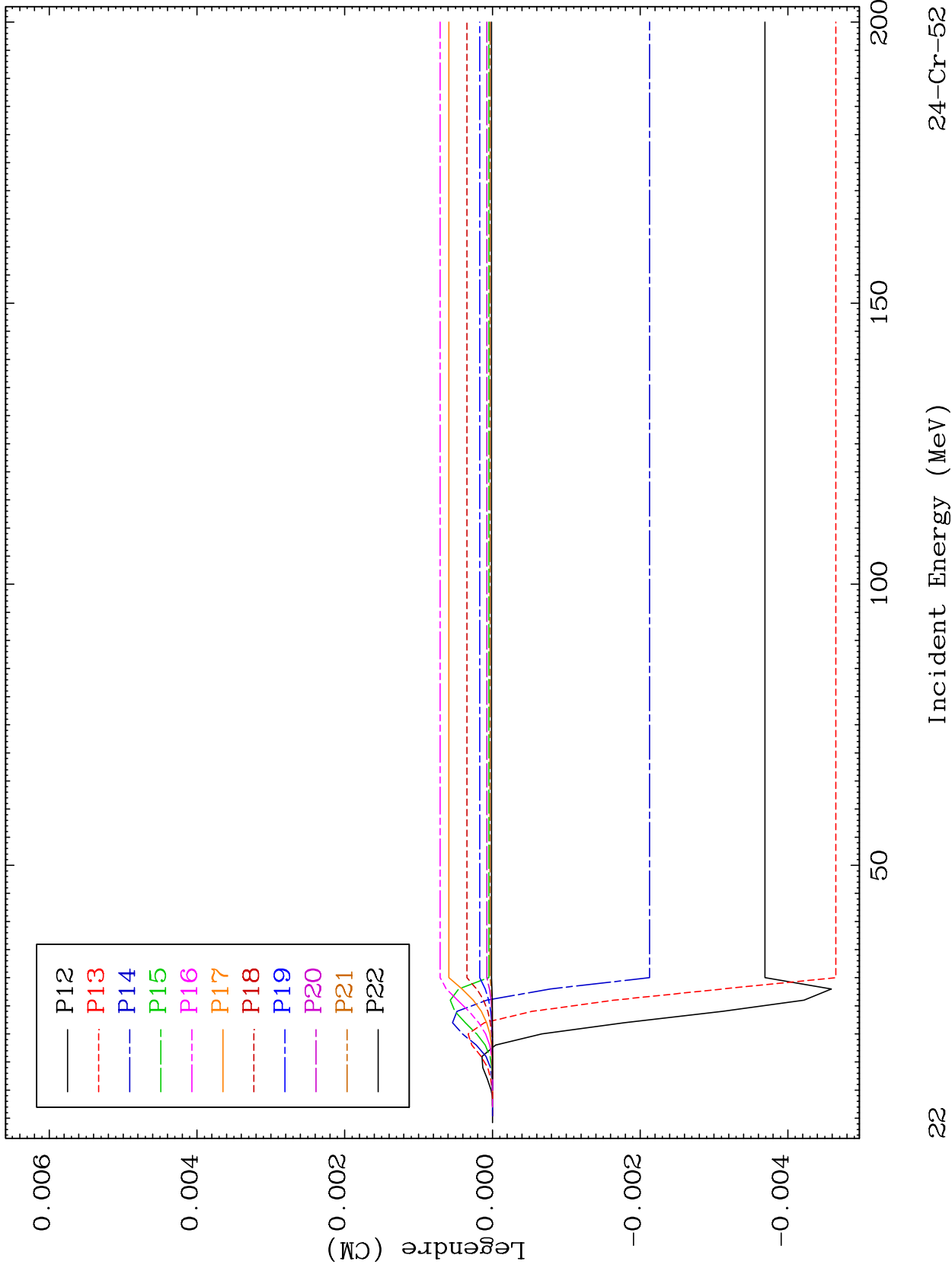
Incident Energy (MeV)

21

MAT 2431

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

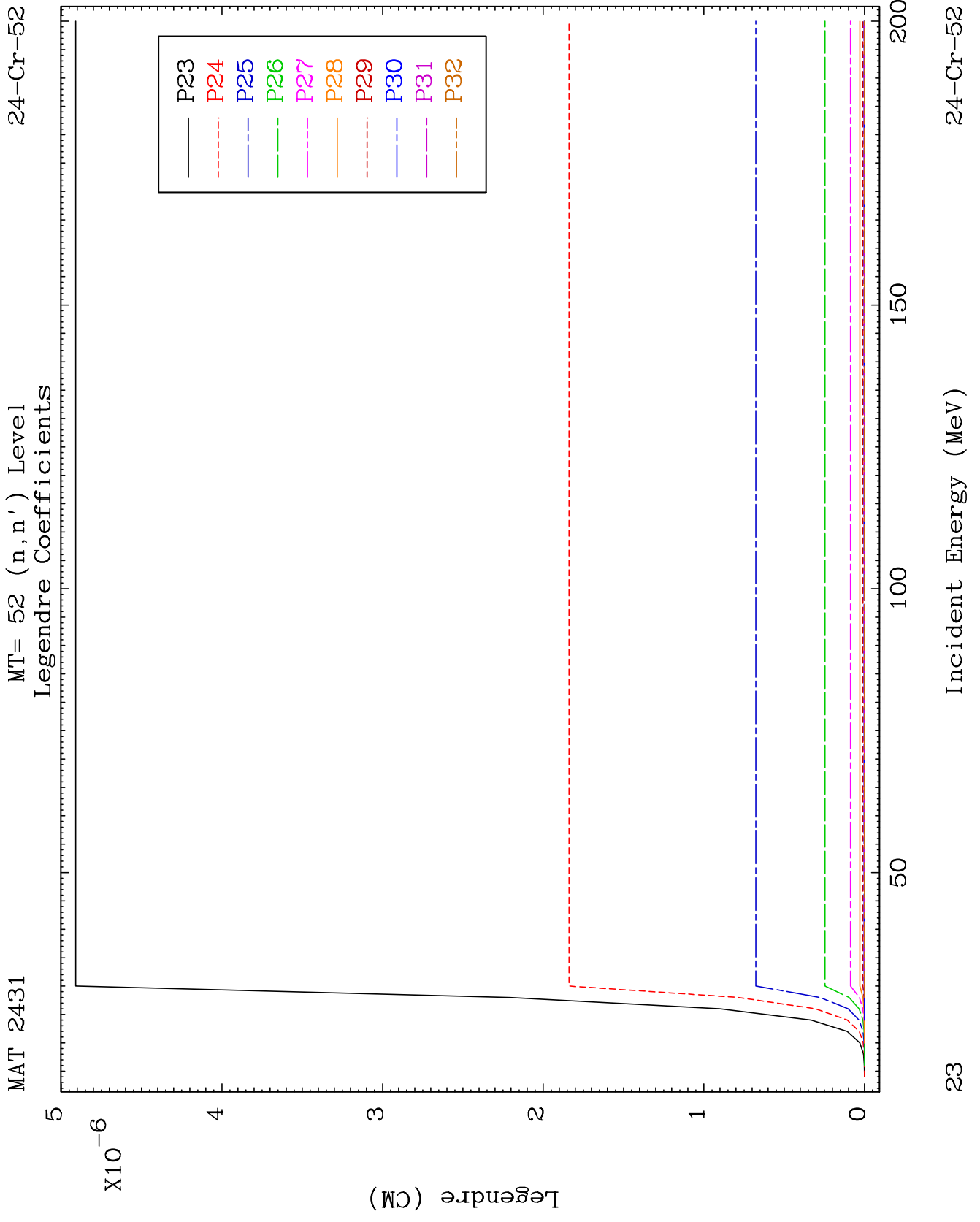
24-Cr-52



22

Incident Energy (MeV)

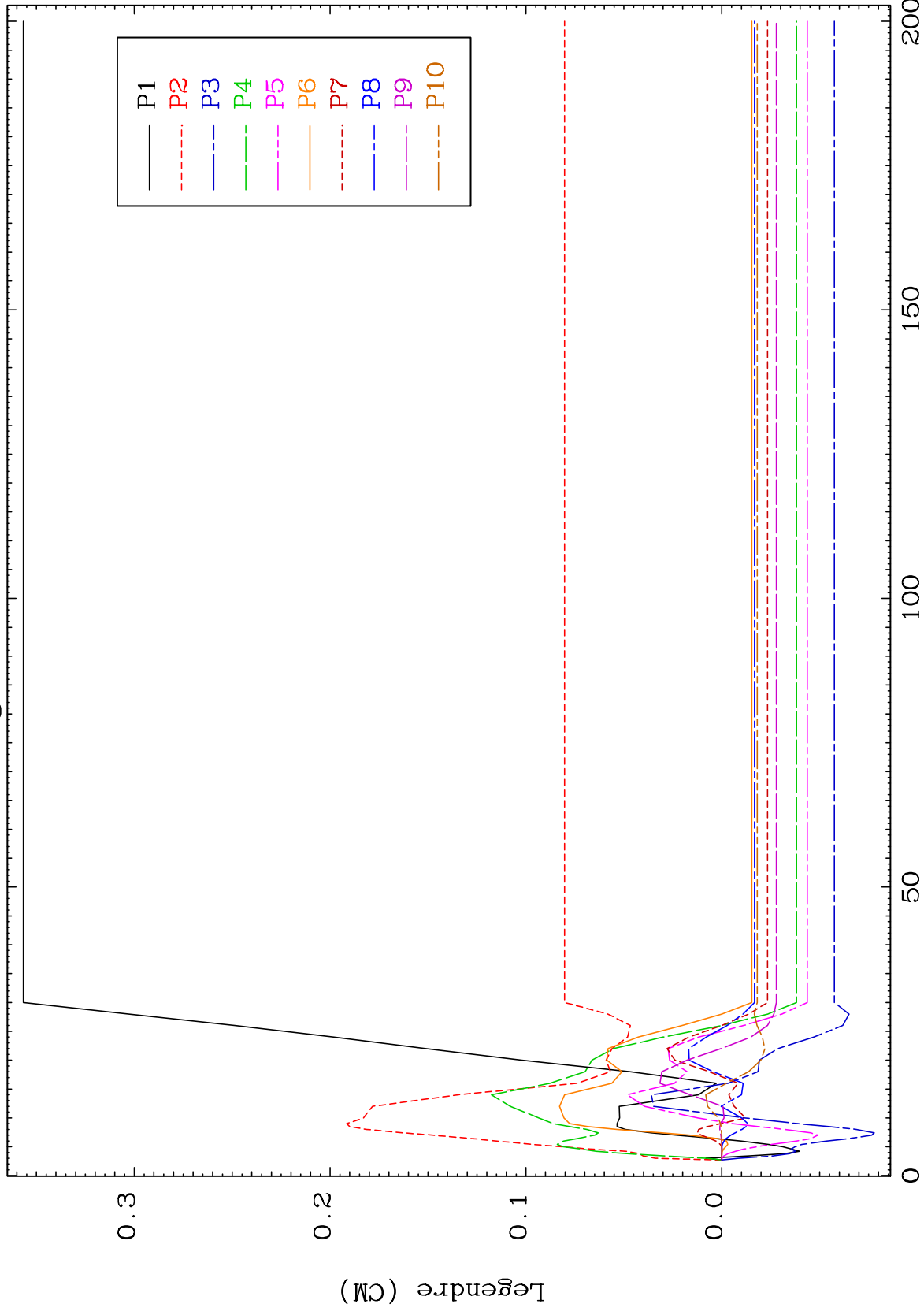
24-Cr-52



MAT 2431

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

24-Cr-52



24

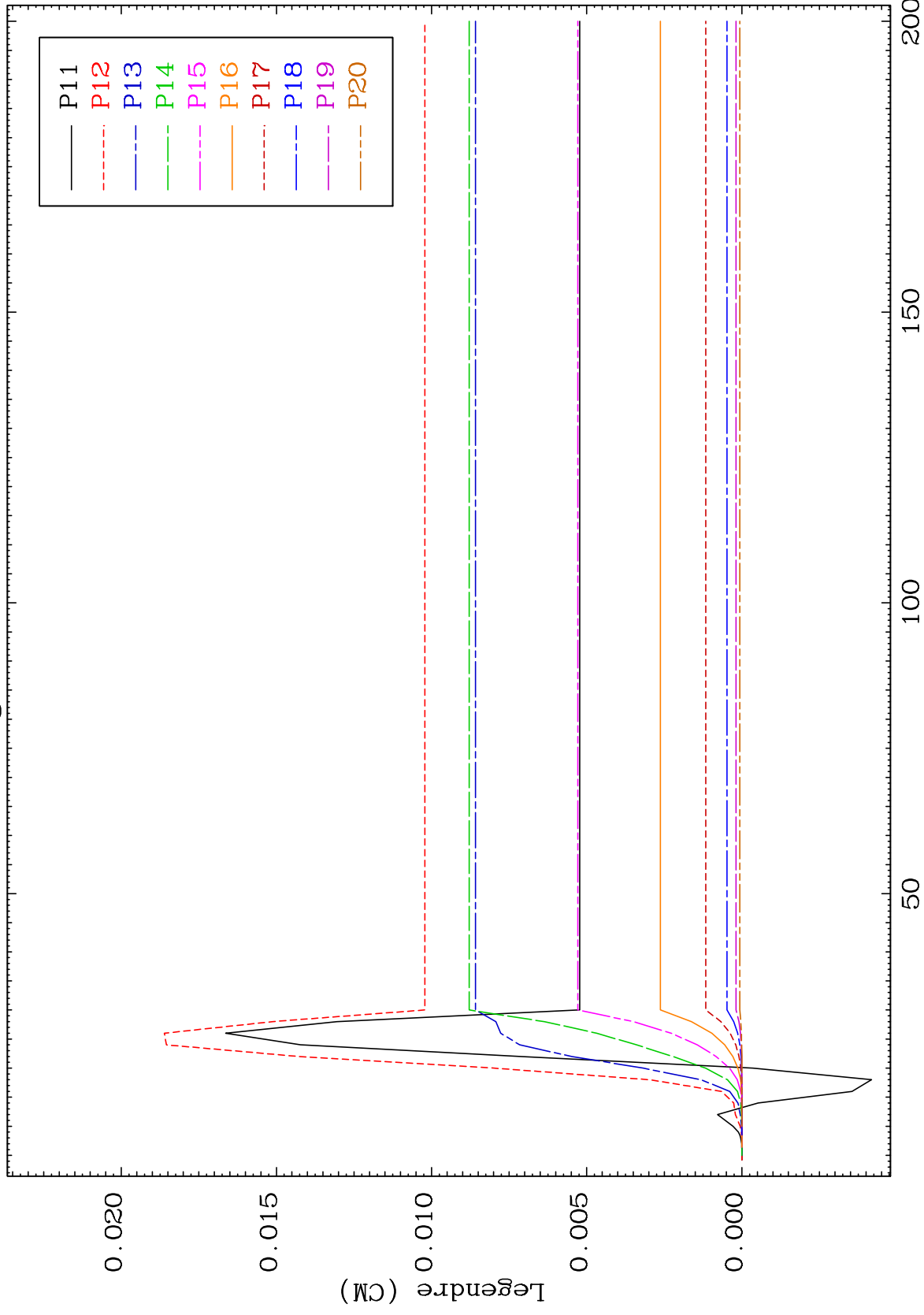
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



25

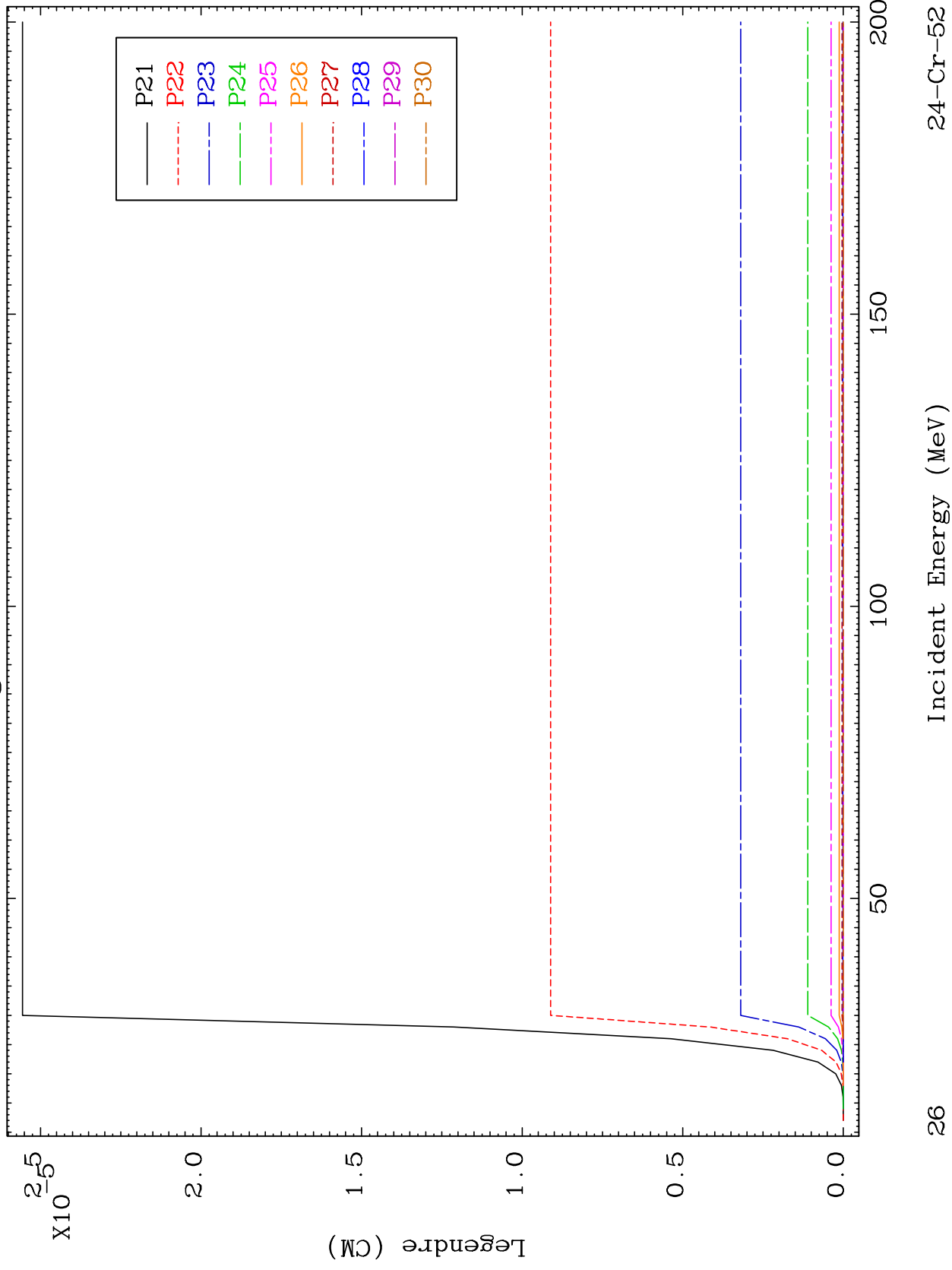
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

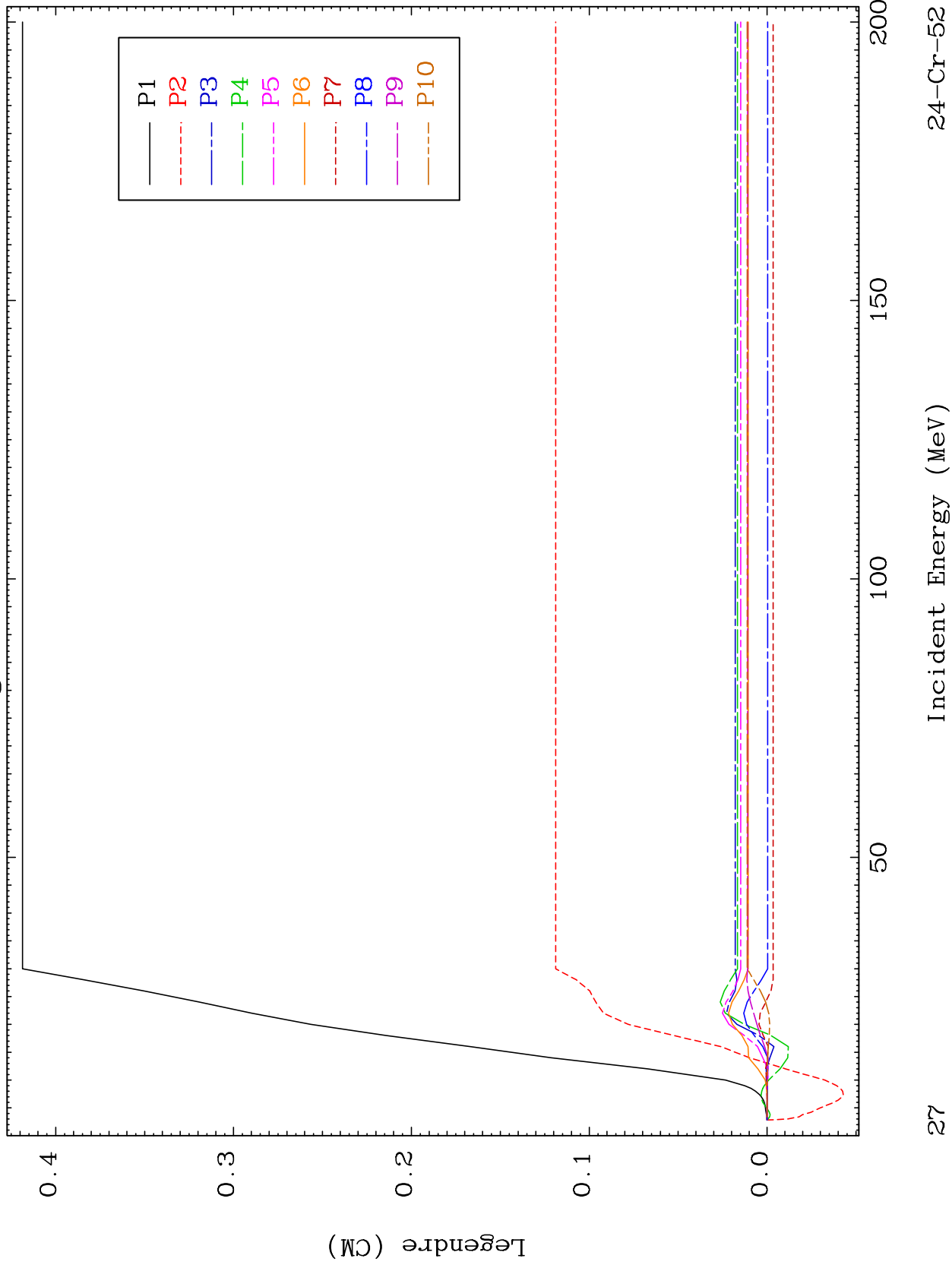
24-Cr-52



MAT 2431

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

24-Cr-52



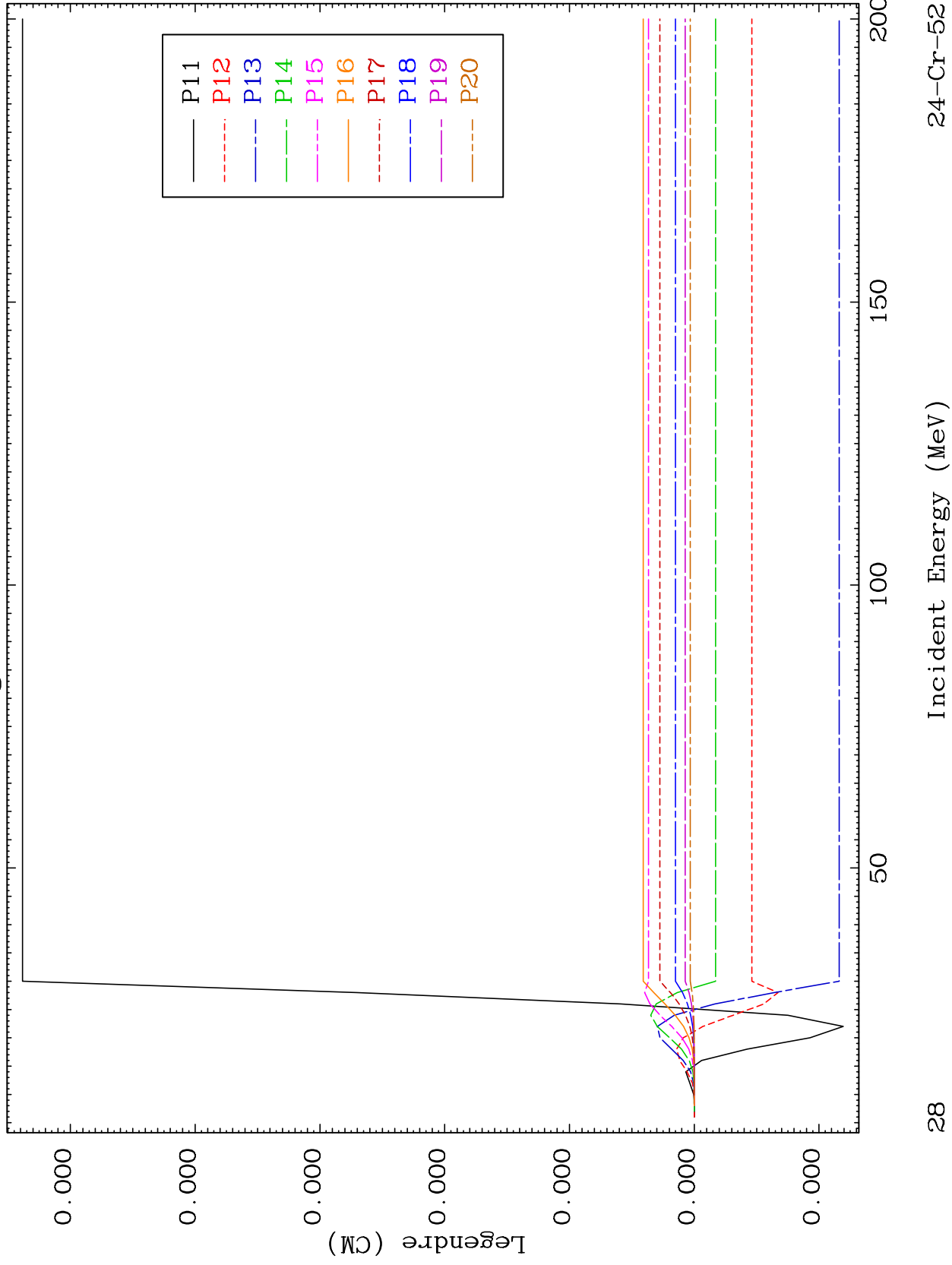
27

24-Cr-52

MAT 2431

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

24-Cr-52



28

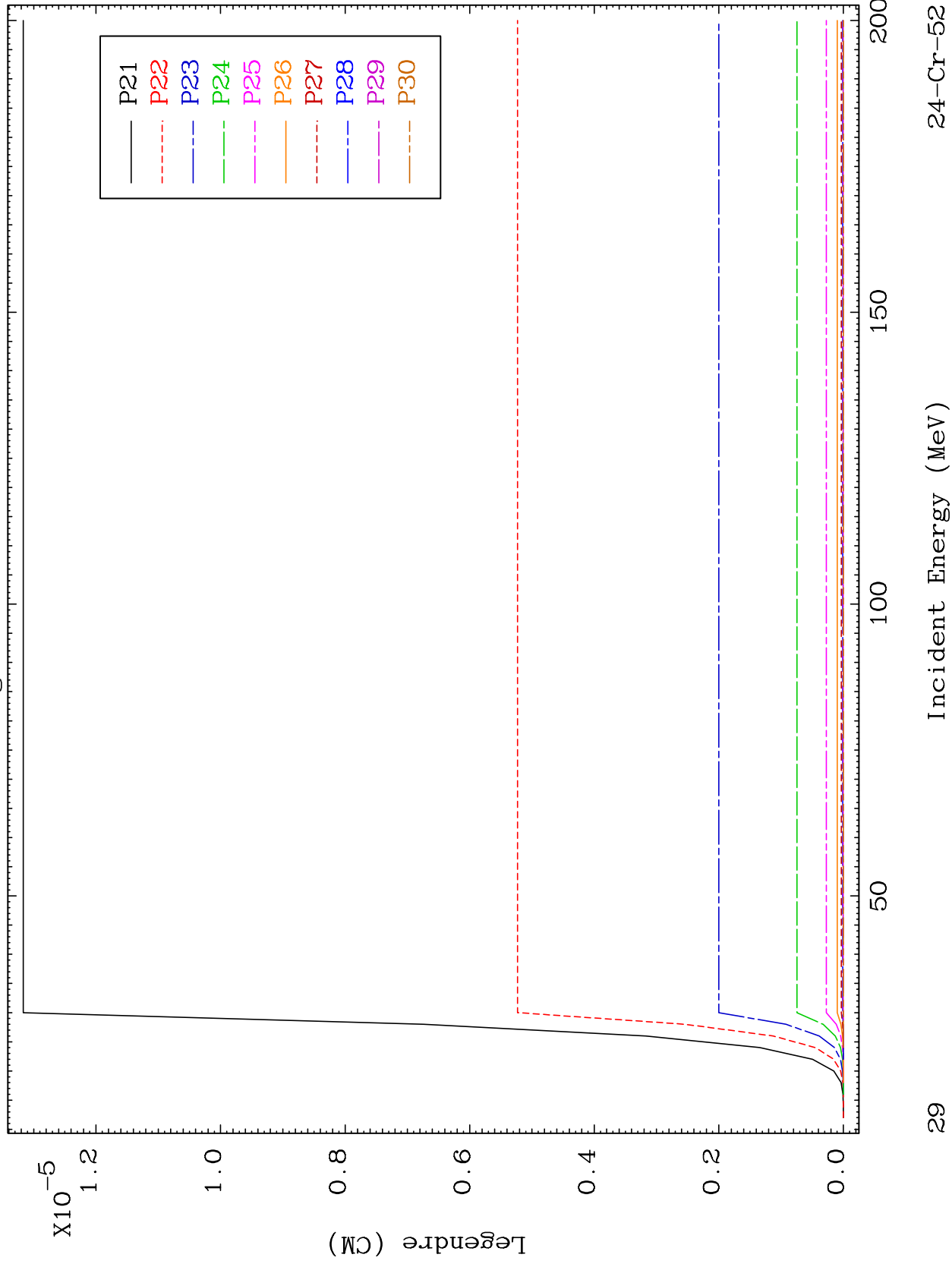
Incident Energy (MeV)

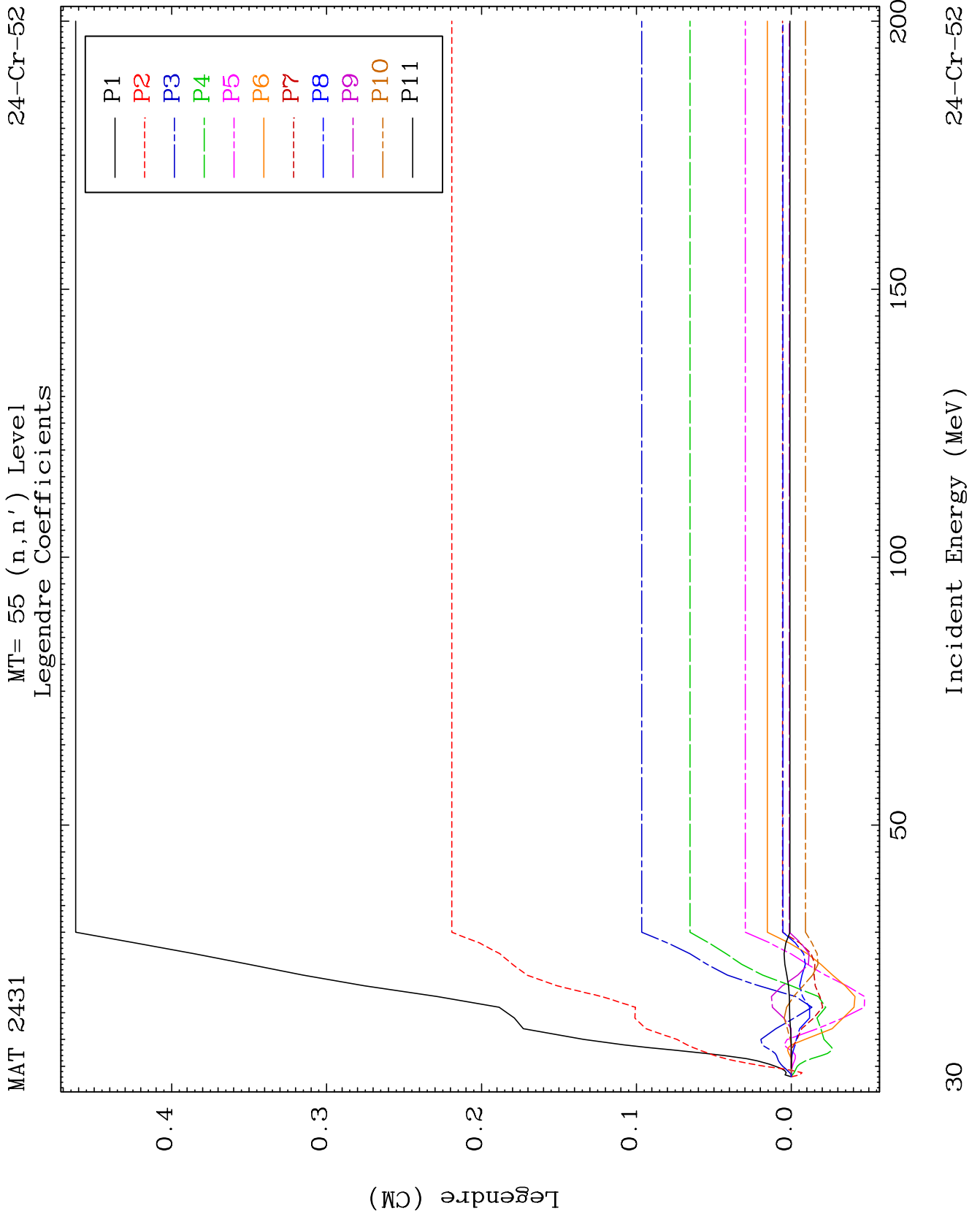
24-Cr-52

MAT 2431

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

24-Cr-52

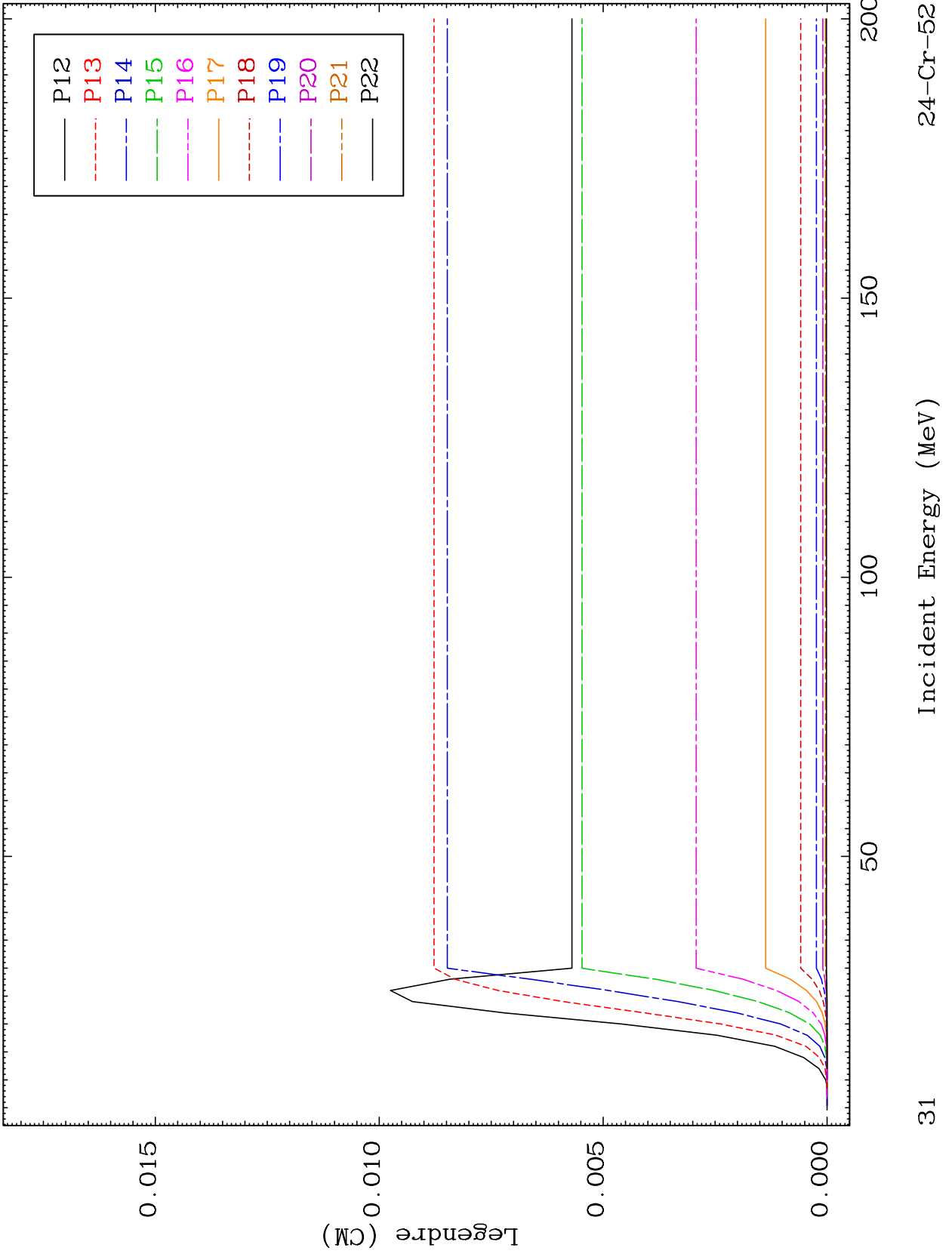




MAT 2431

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

24-Cr-52



31

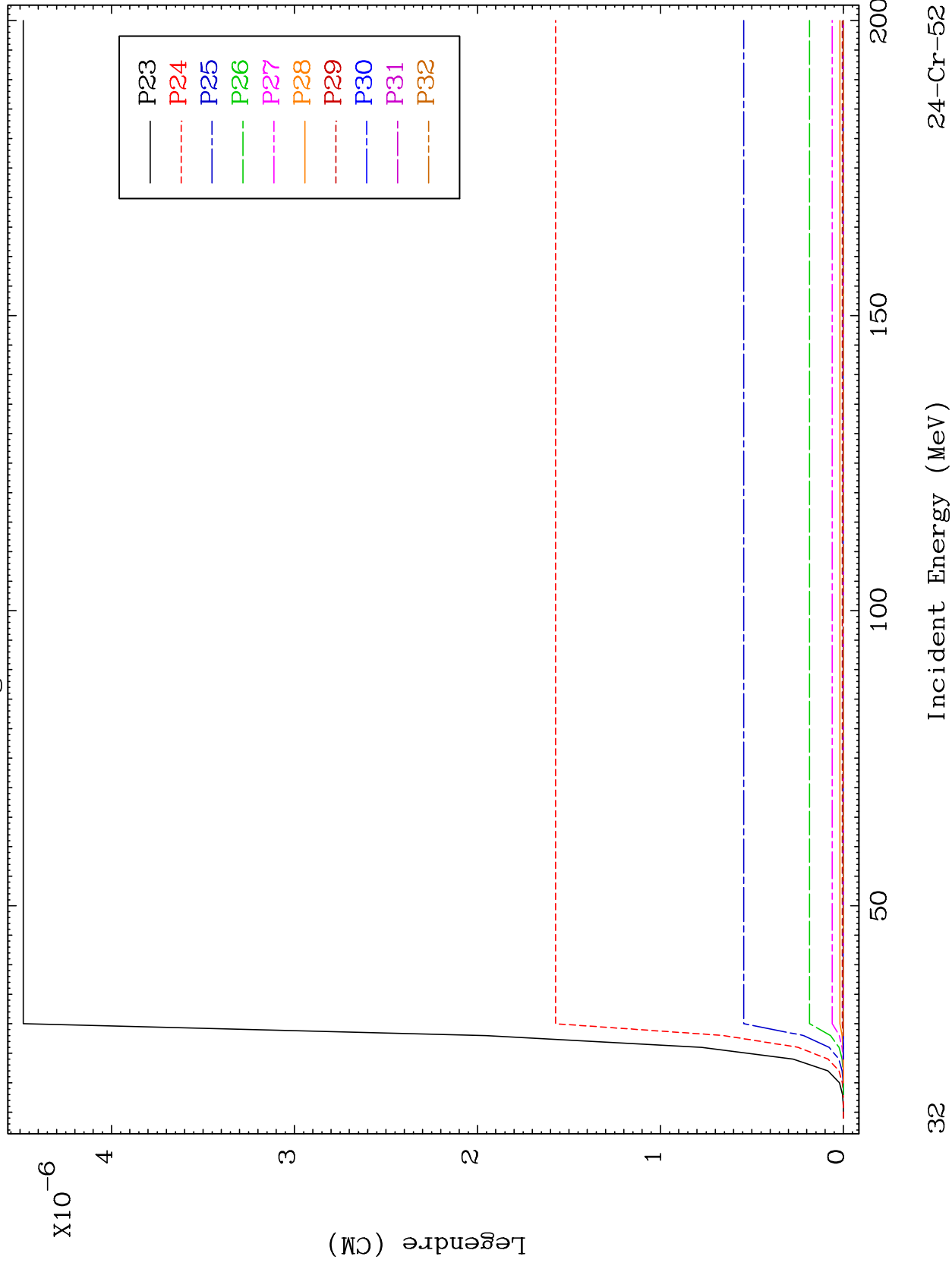
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

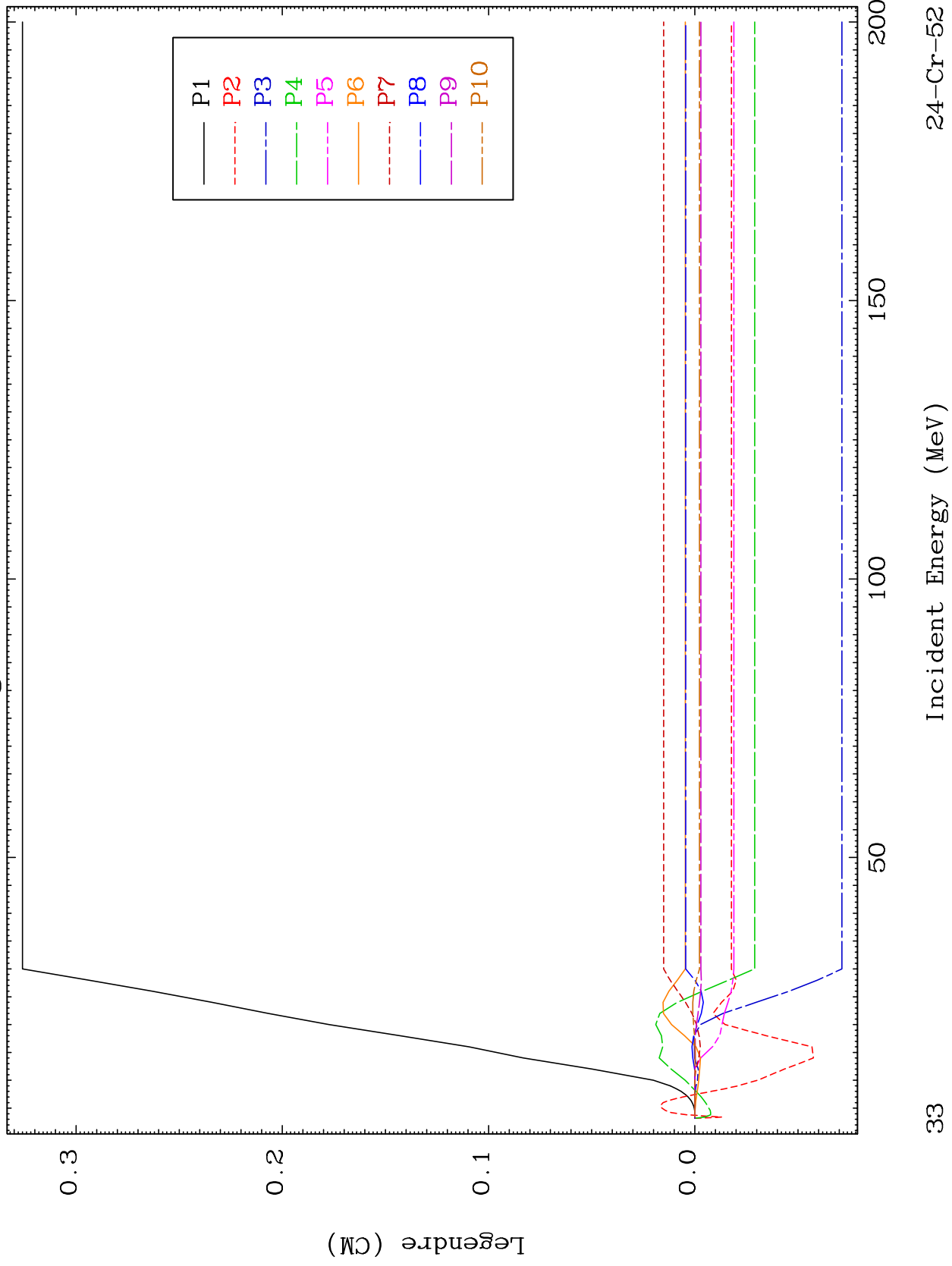
24-Cr-52



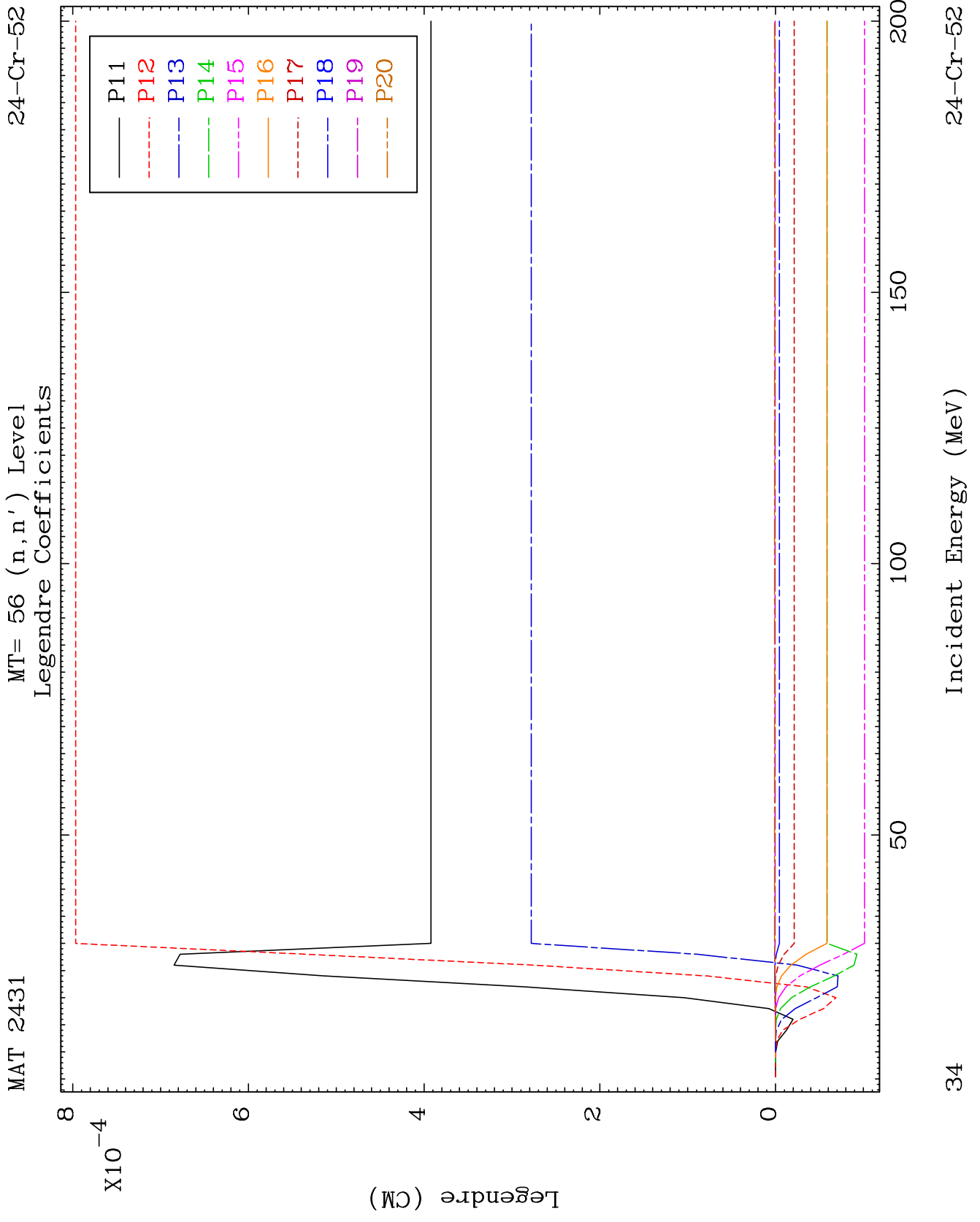
MAT 2431

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

24-Cr-52



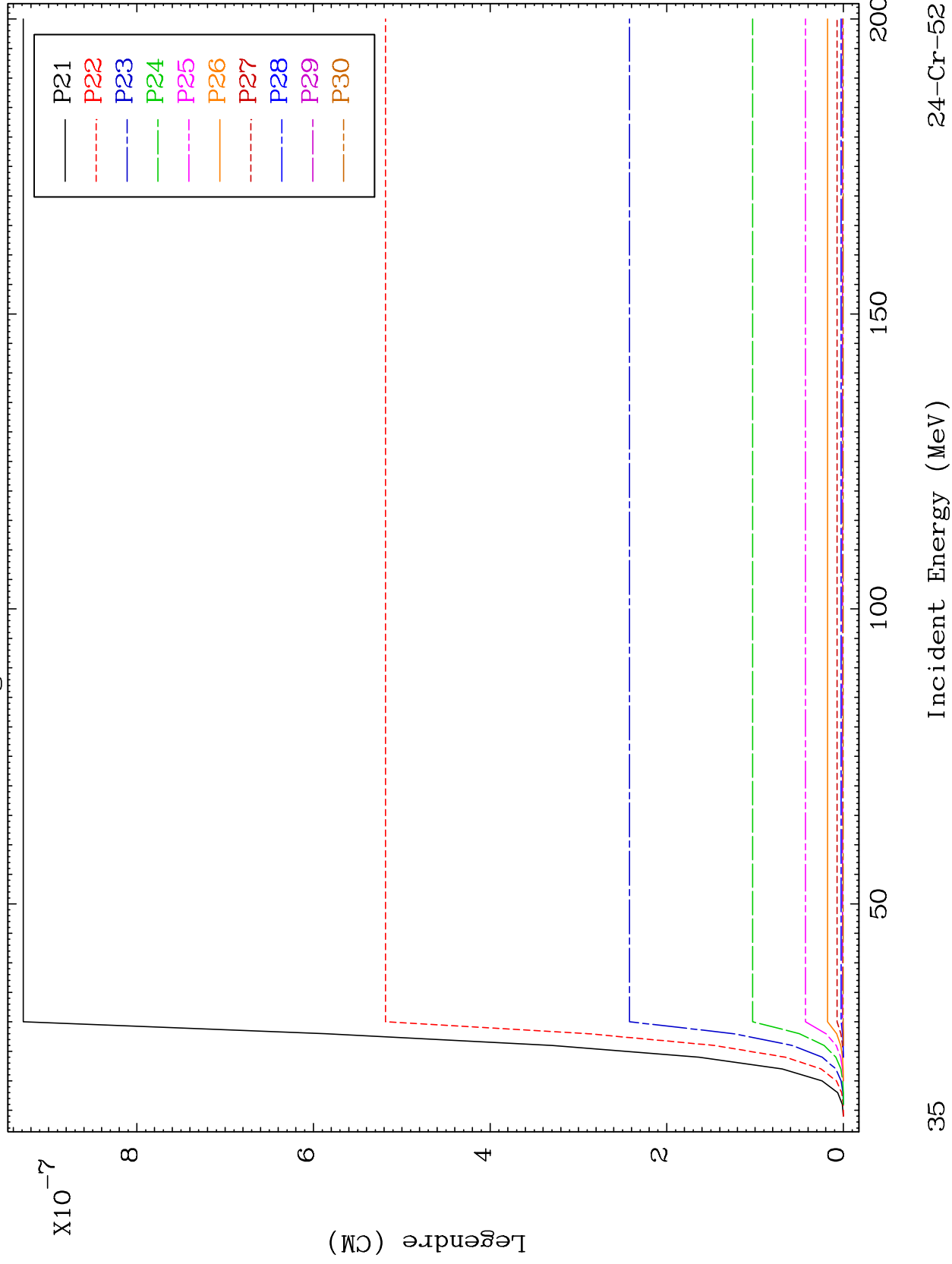
33



MAT 2431

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

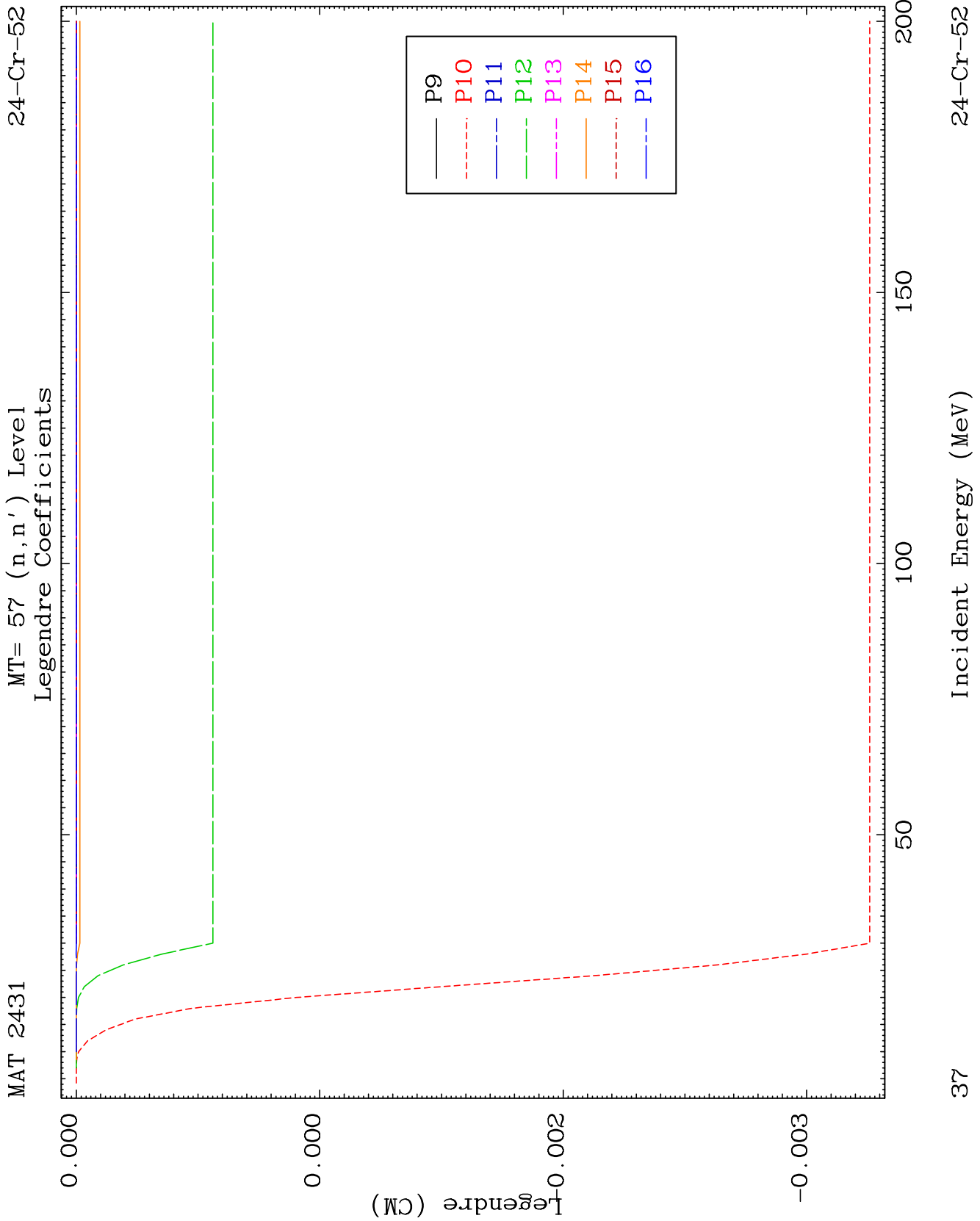
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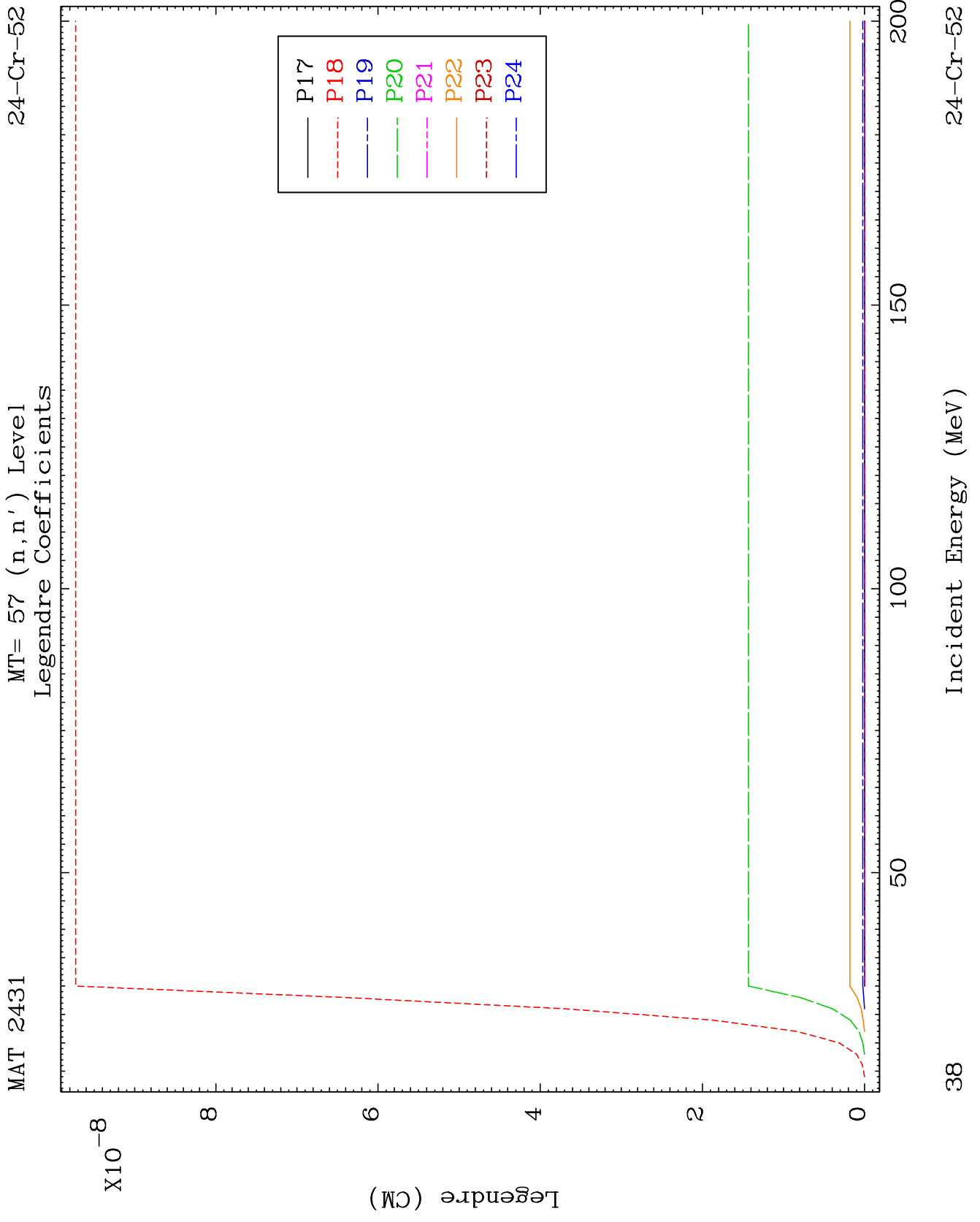


35

Incident Energy (MeV)

24-Cr-52

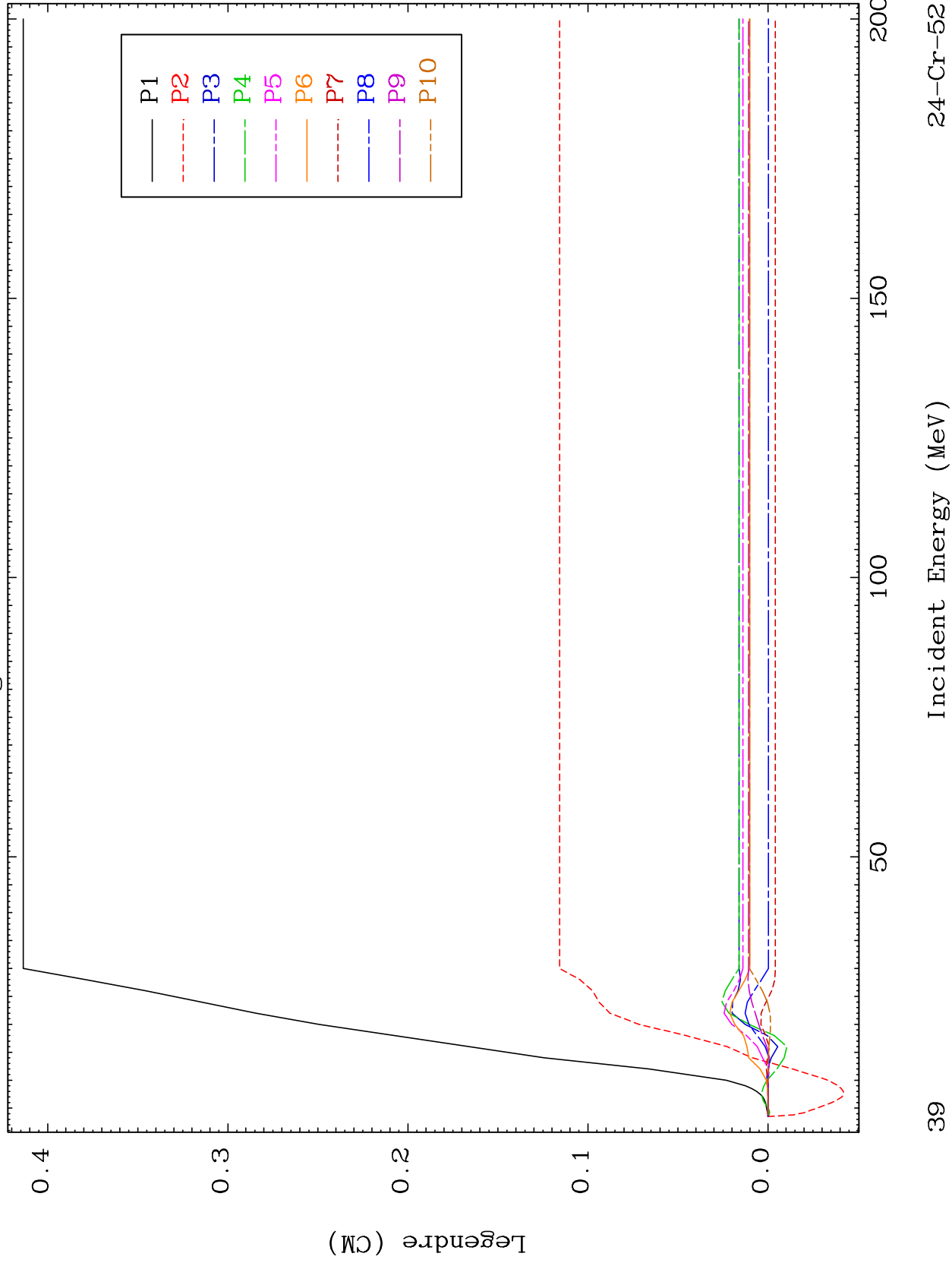




MAT 2431

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

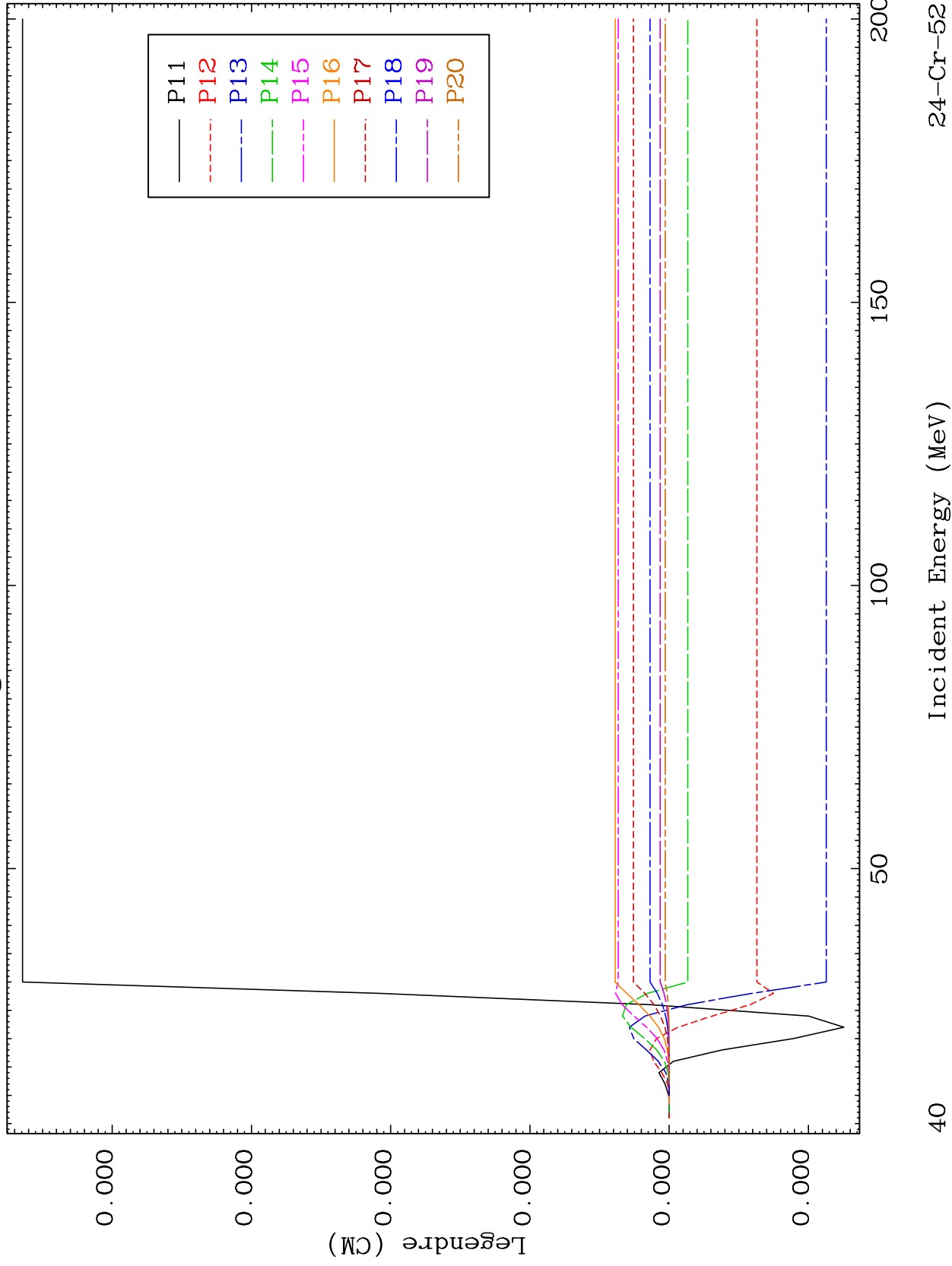
24-Cr-52



MAT 2431

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

24-Cr-52



40

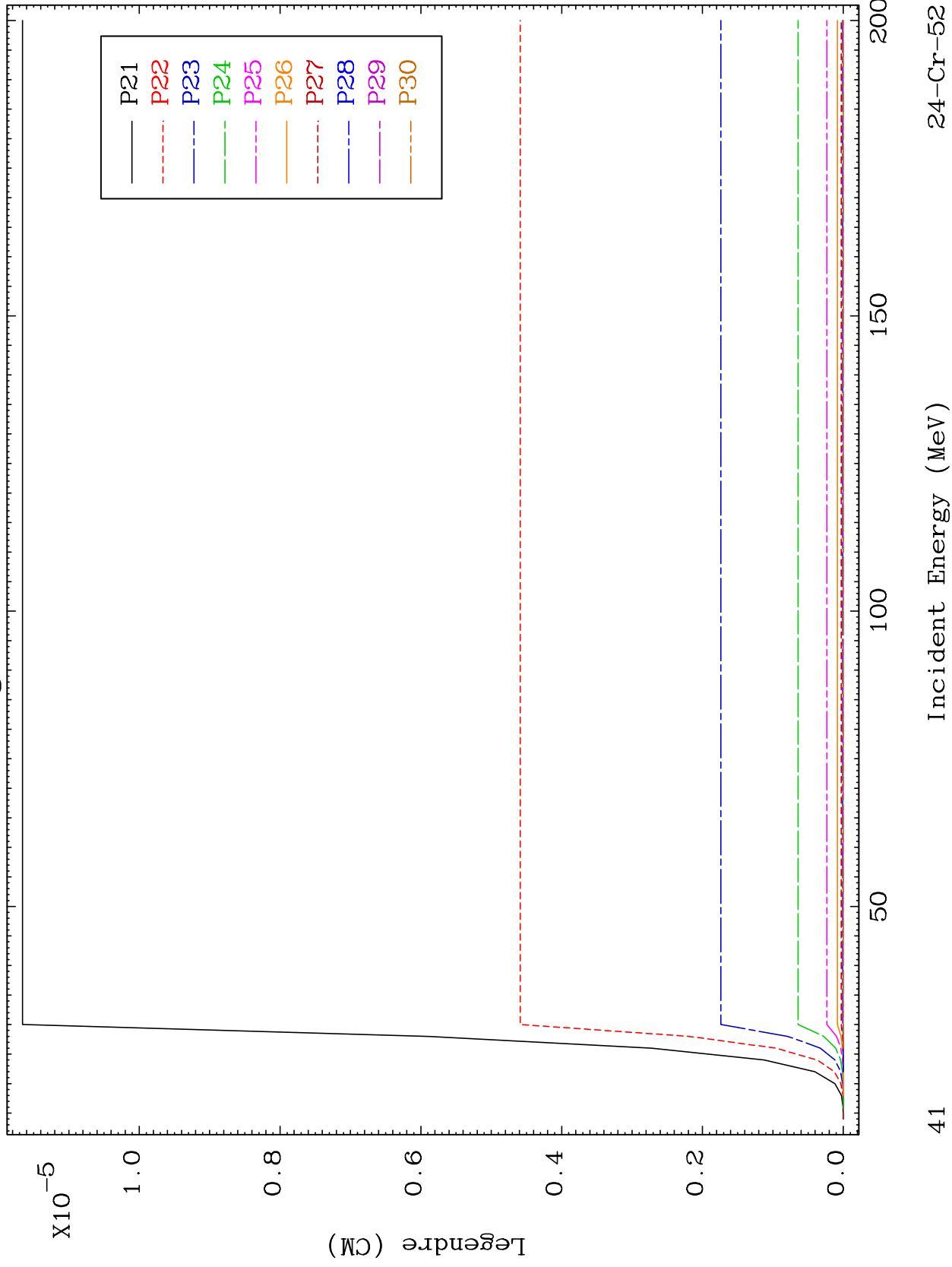
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



41

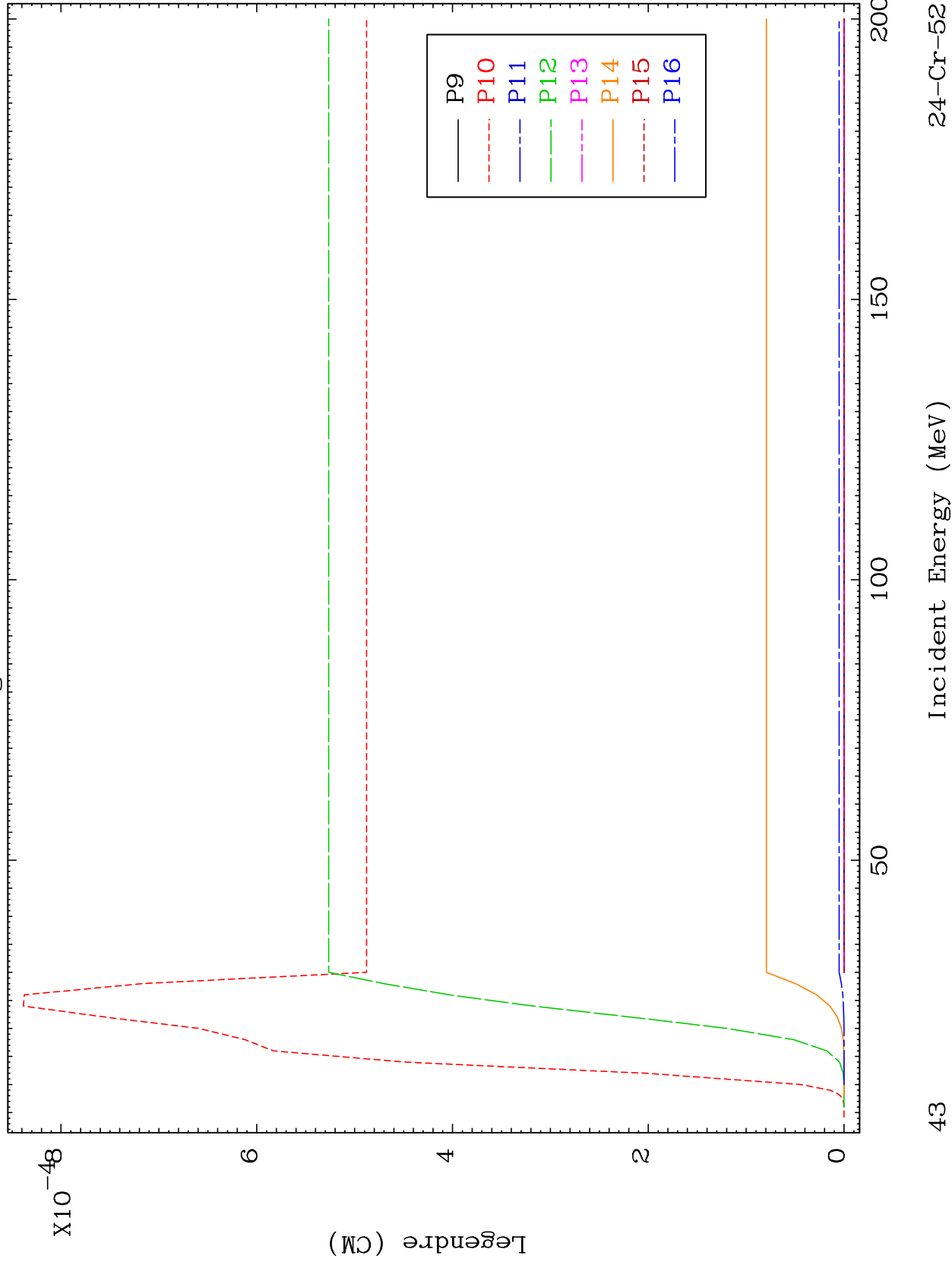
Incident Energy (MeV)

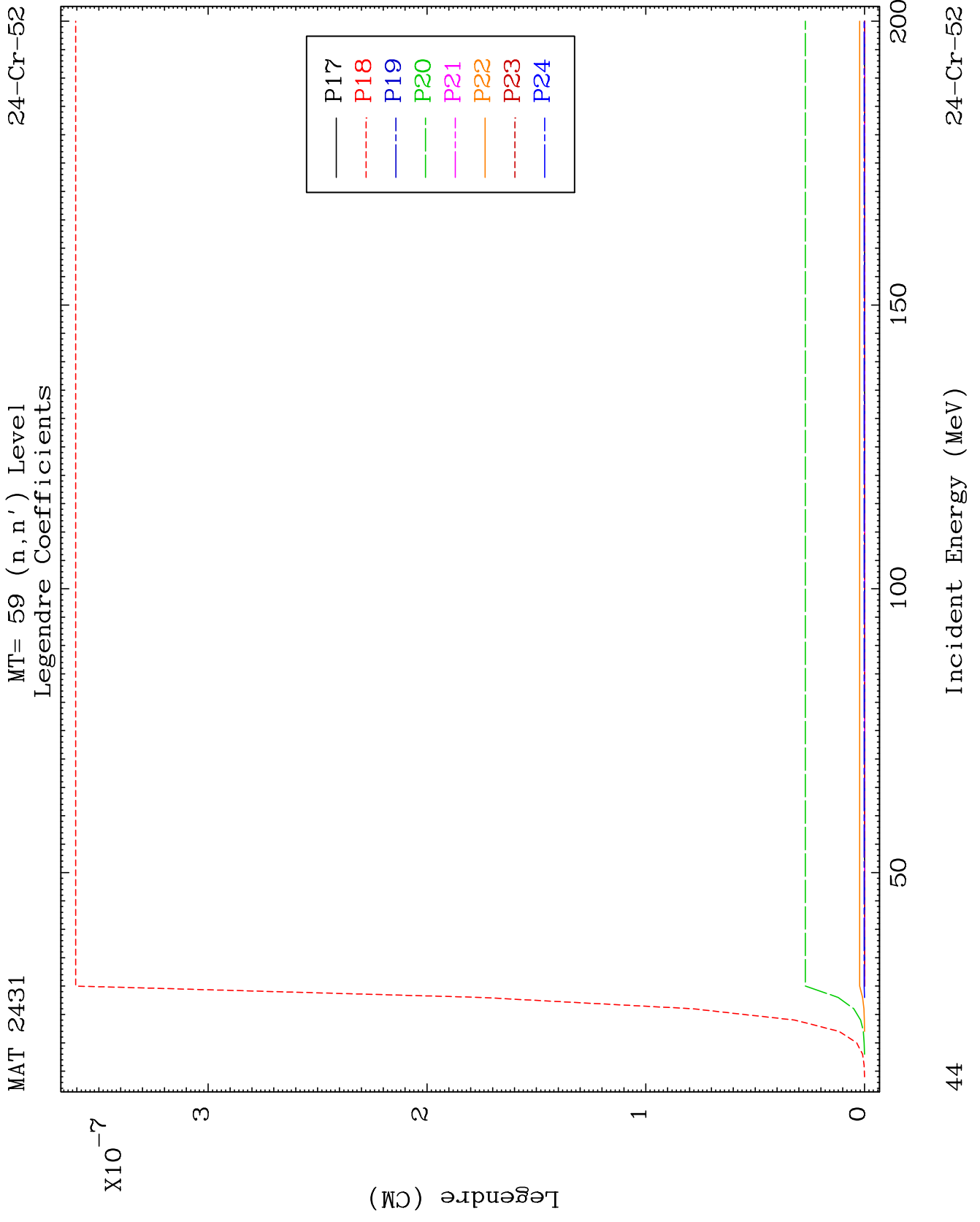
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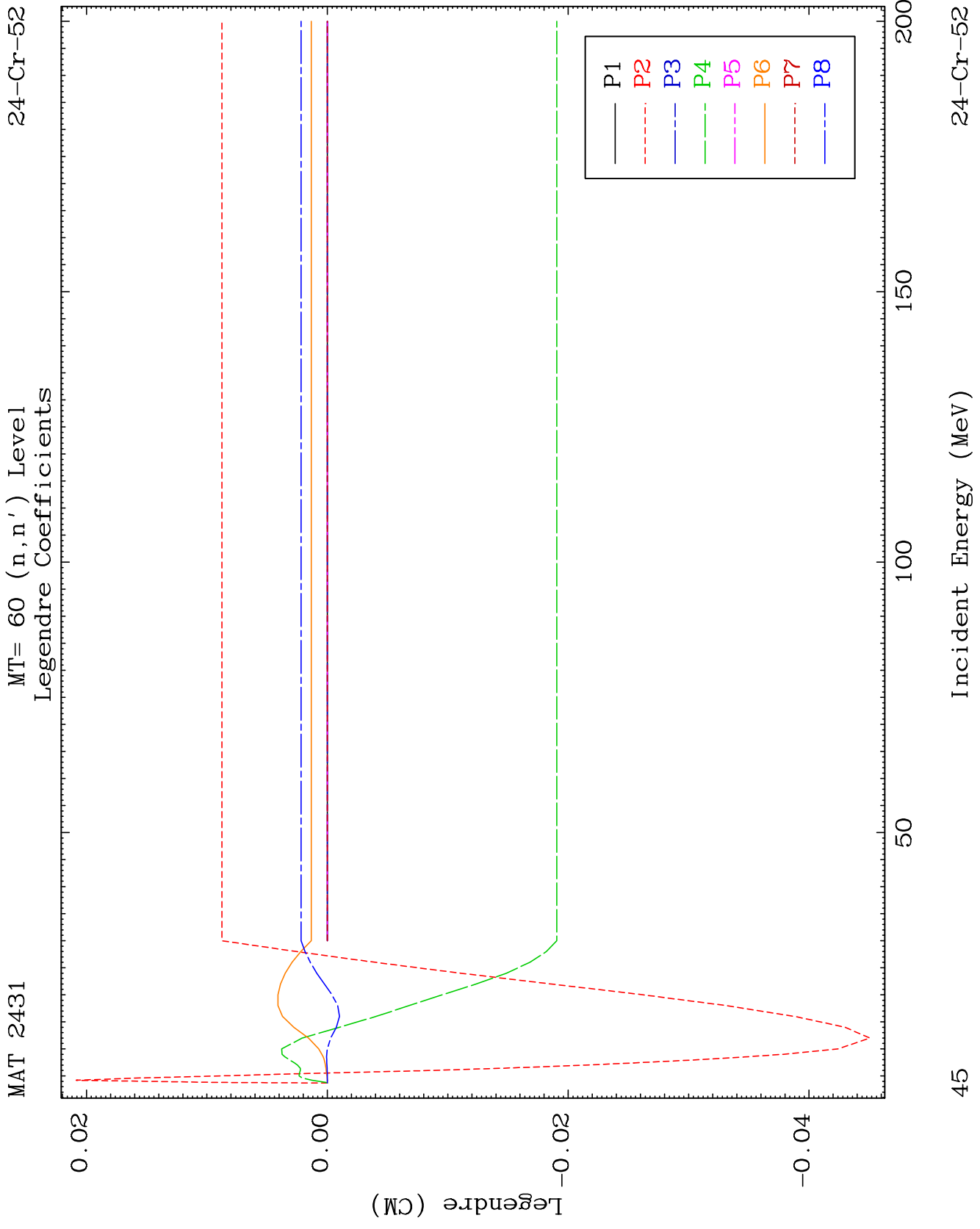
MAT 2431

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

24-Cr-52



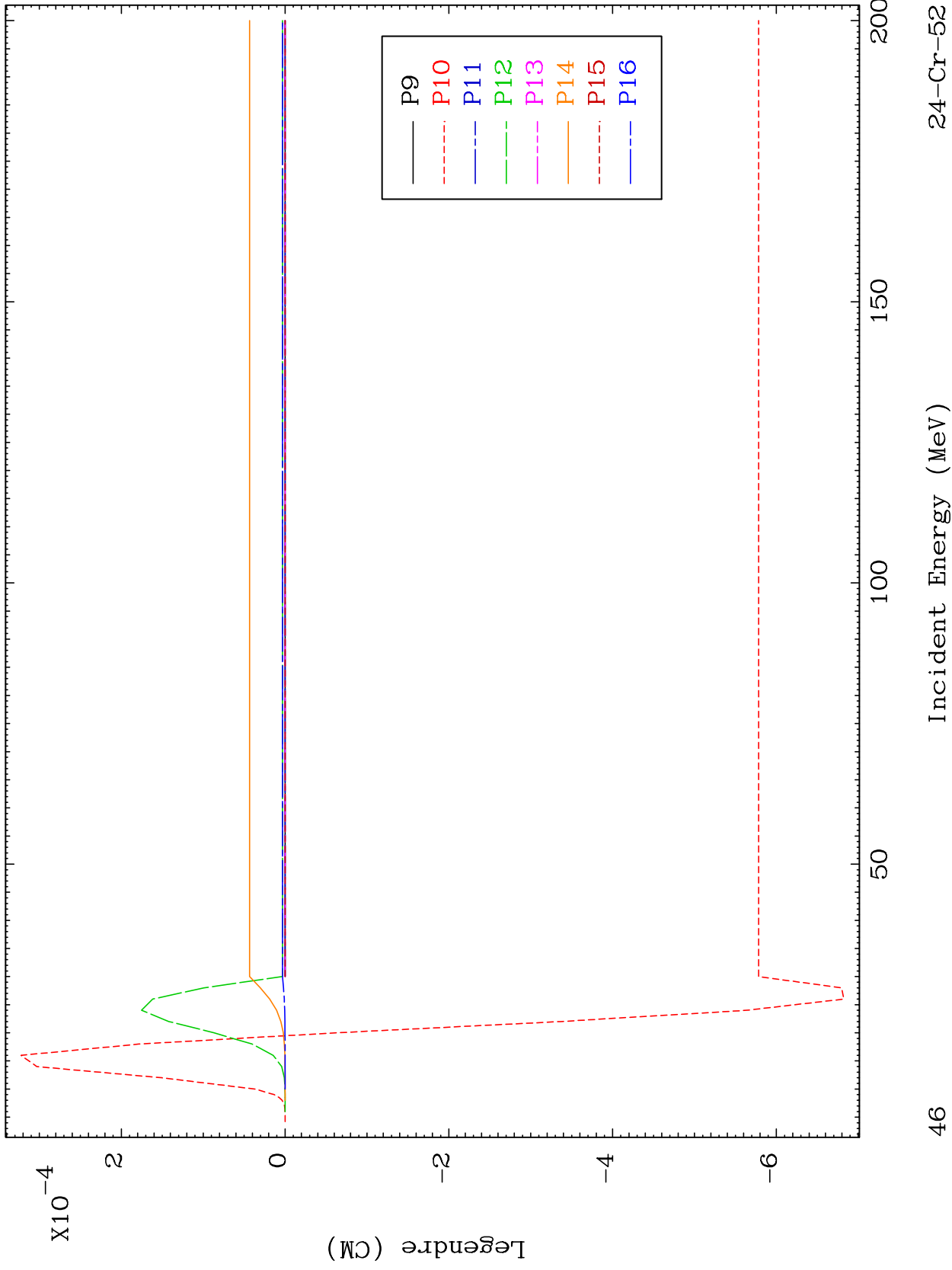




MAT 2431

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

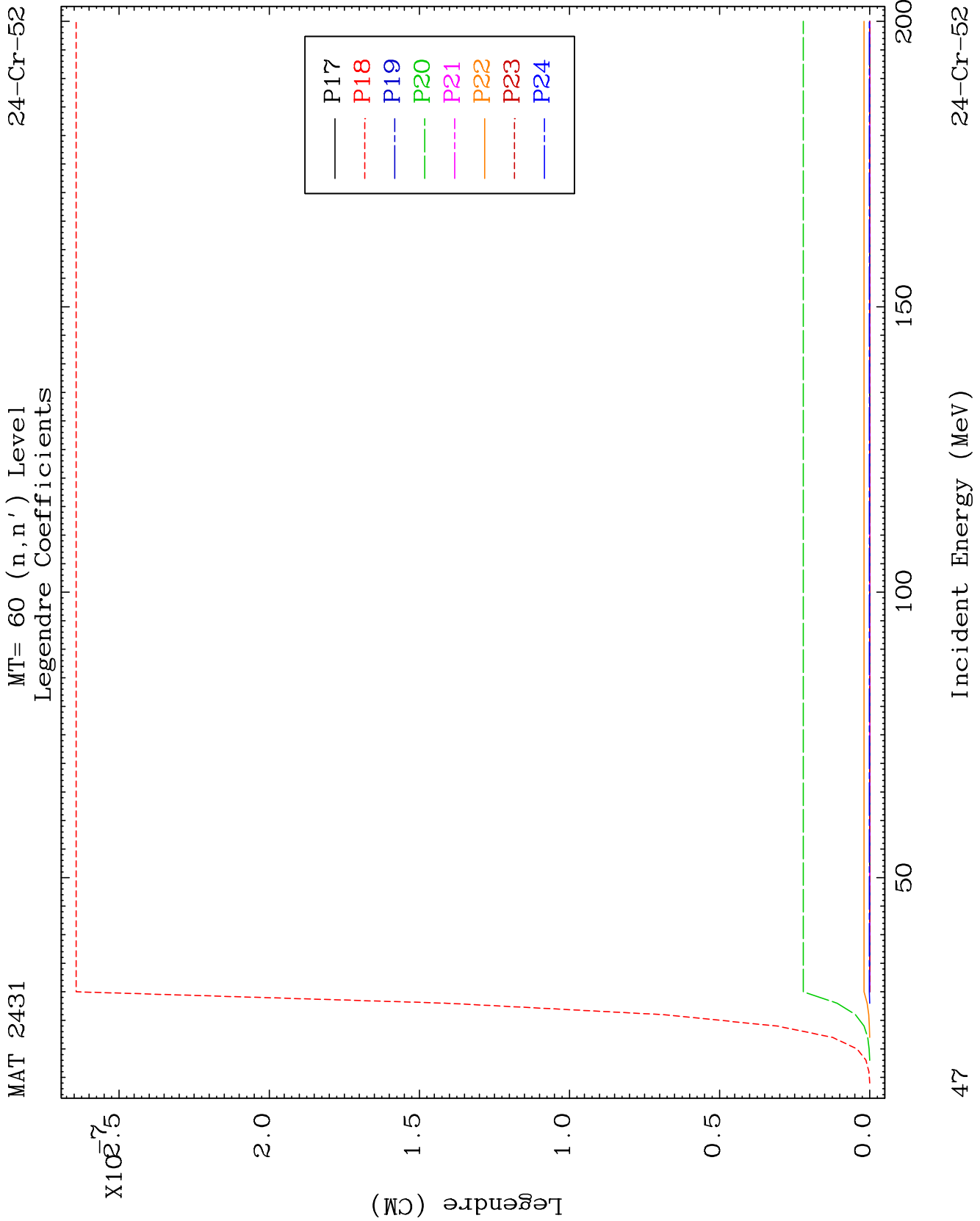
24-Cr-52



46

Incident Energy (MeV)

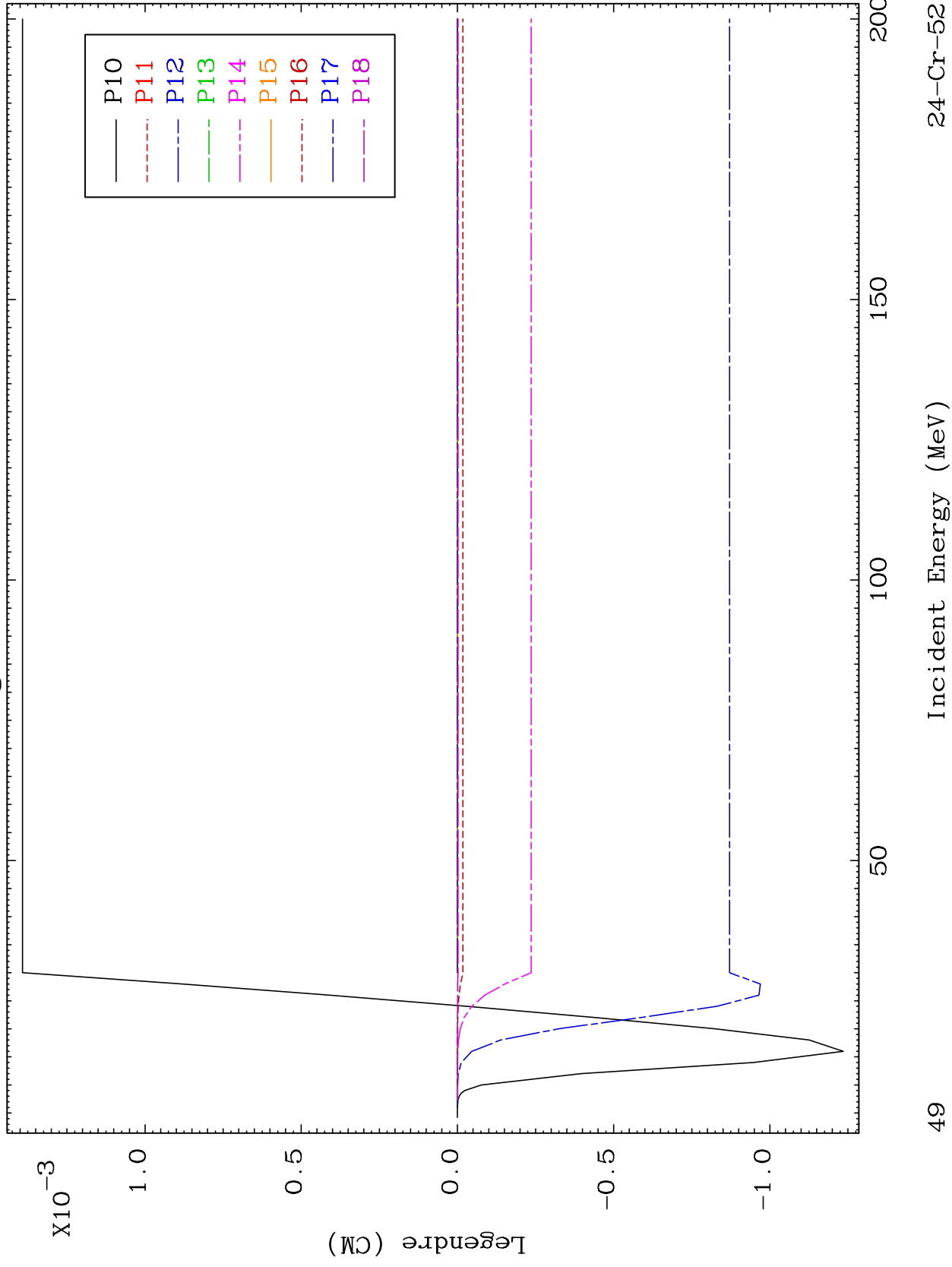
24-Cr-52



MAT 2431

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

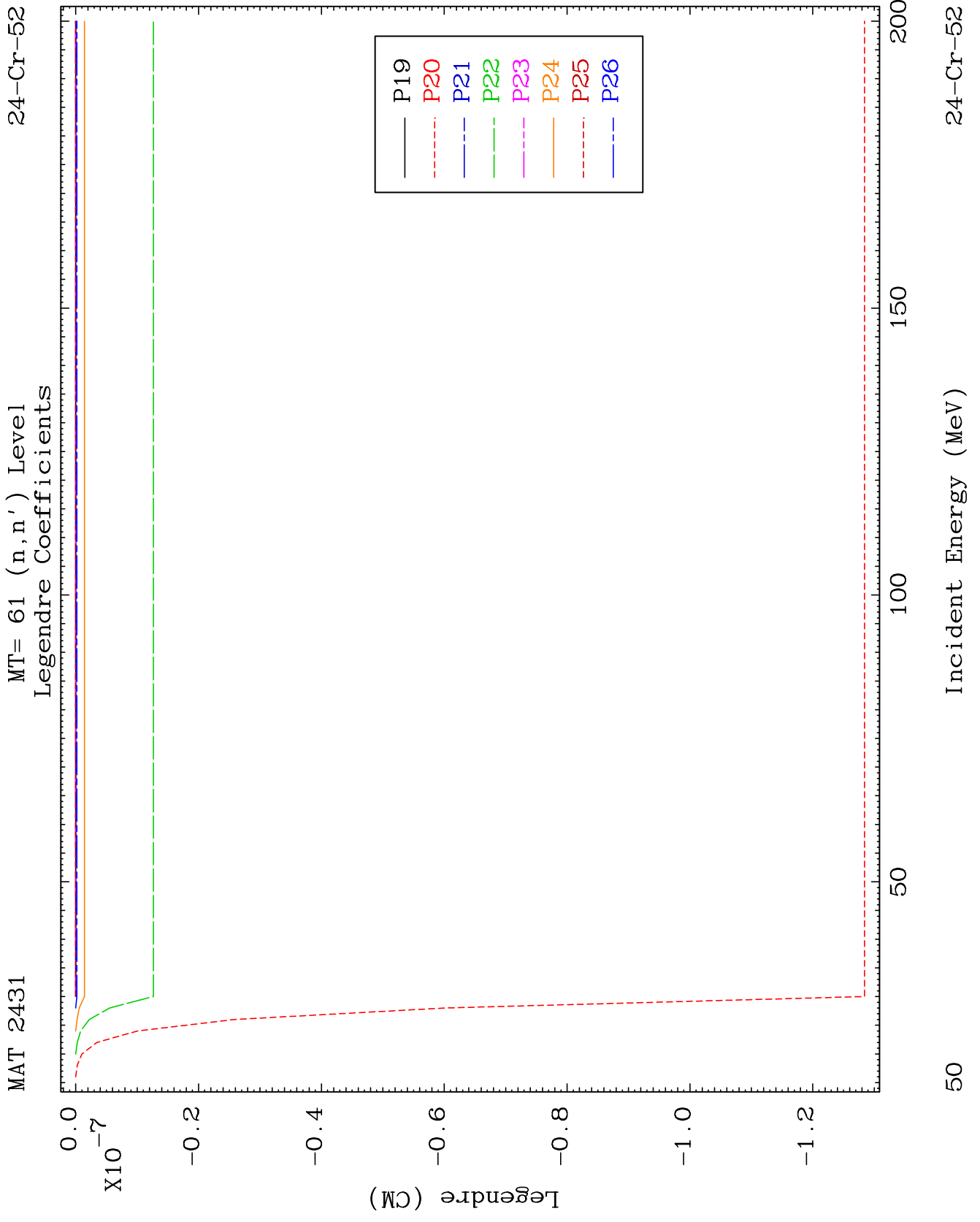
24-Cr-52



49

Incident Energy (MeV)

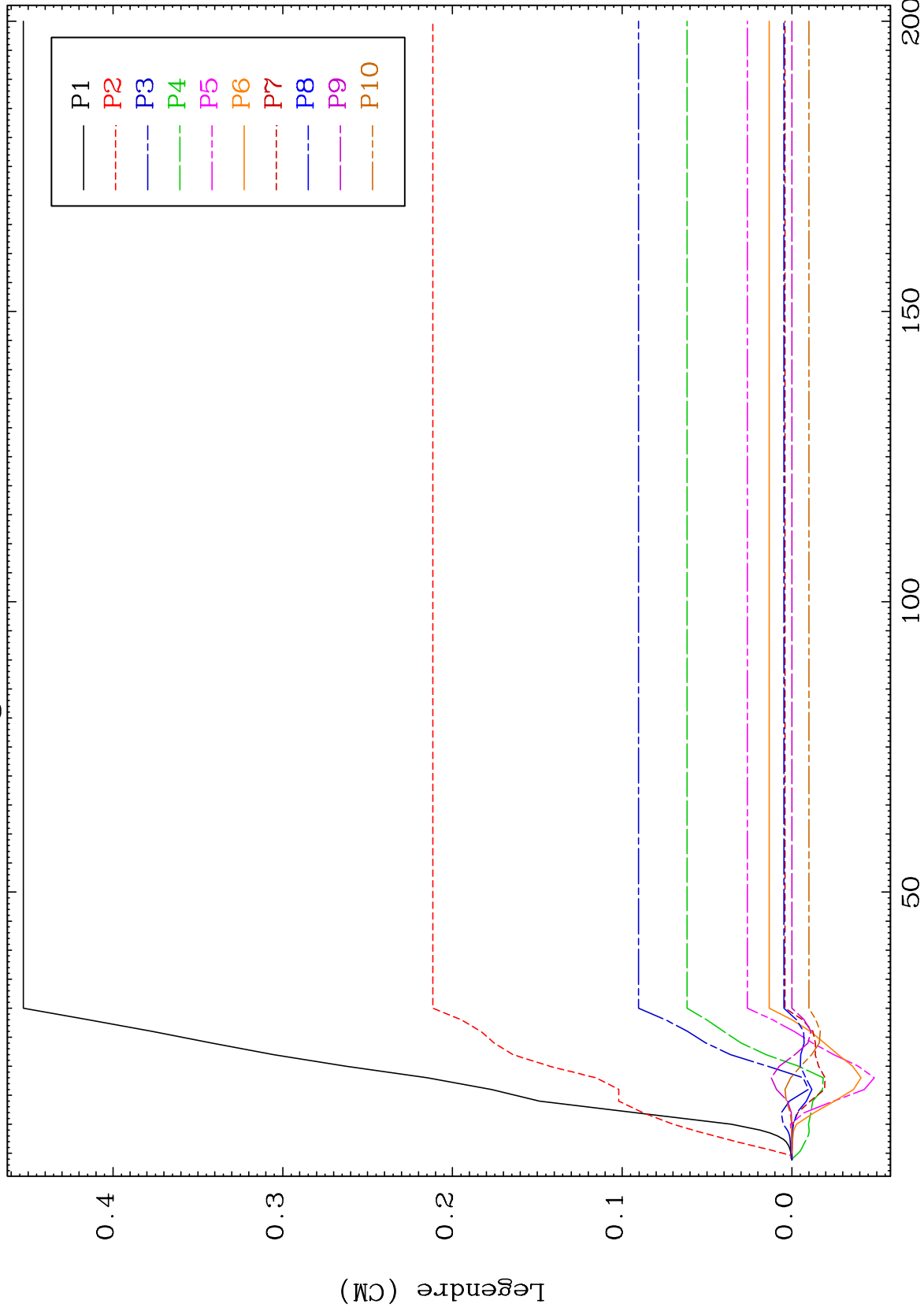
24-Cr-52



MAT 2431

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

24-Cr-52



51

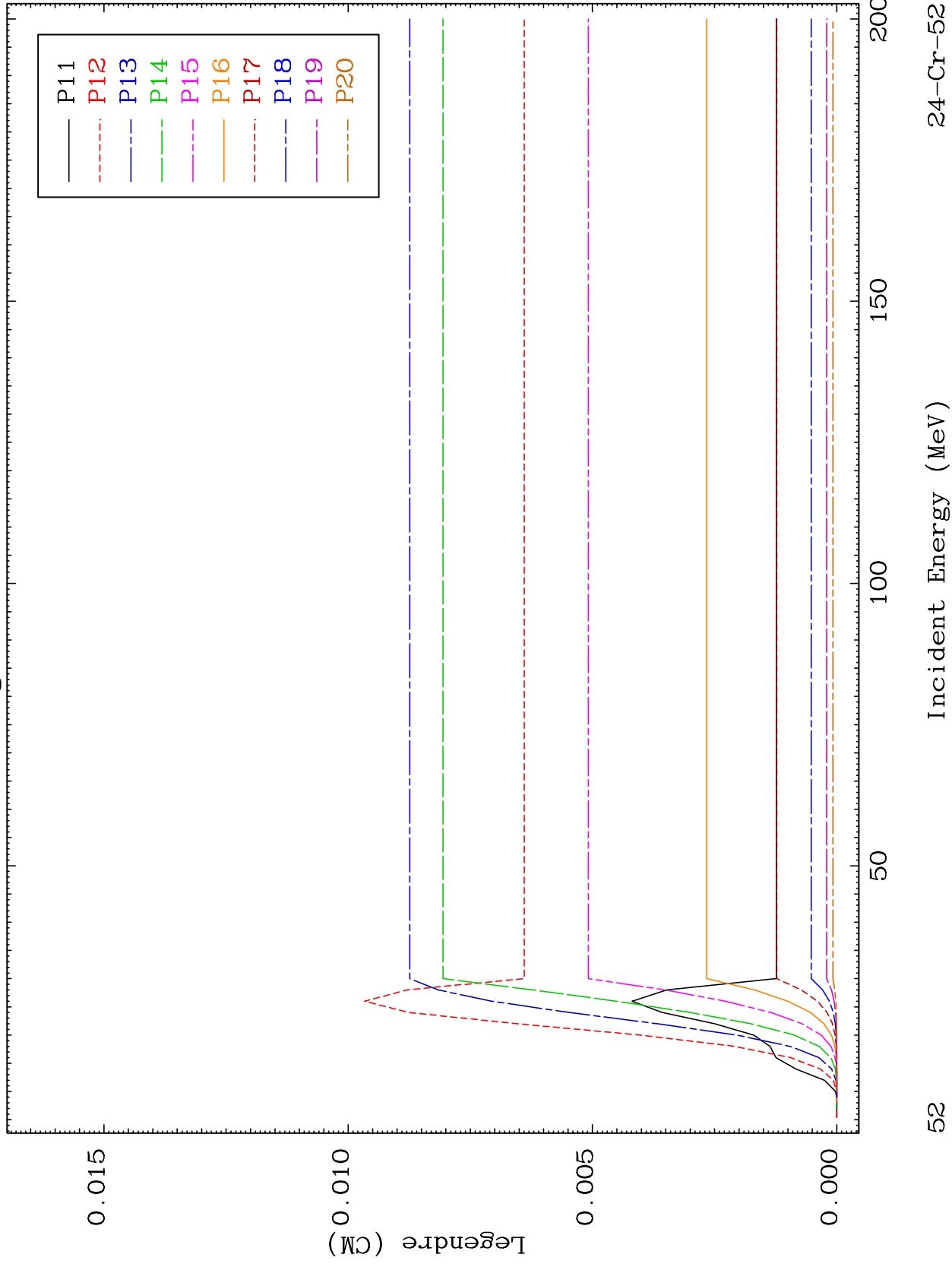
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



52

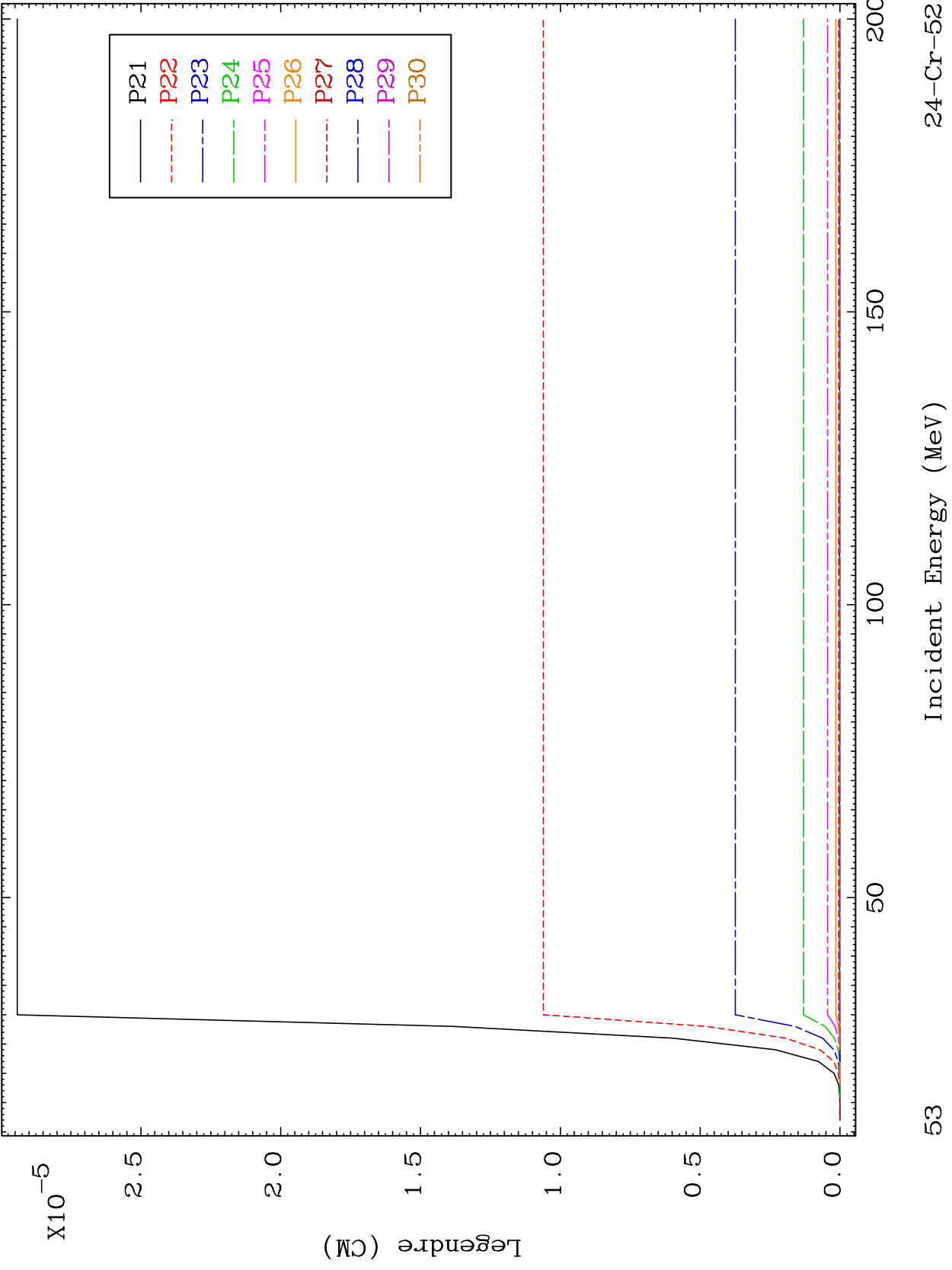
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

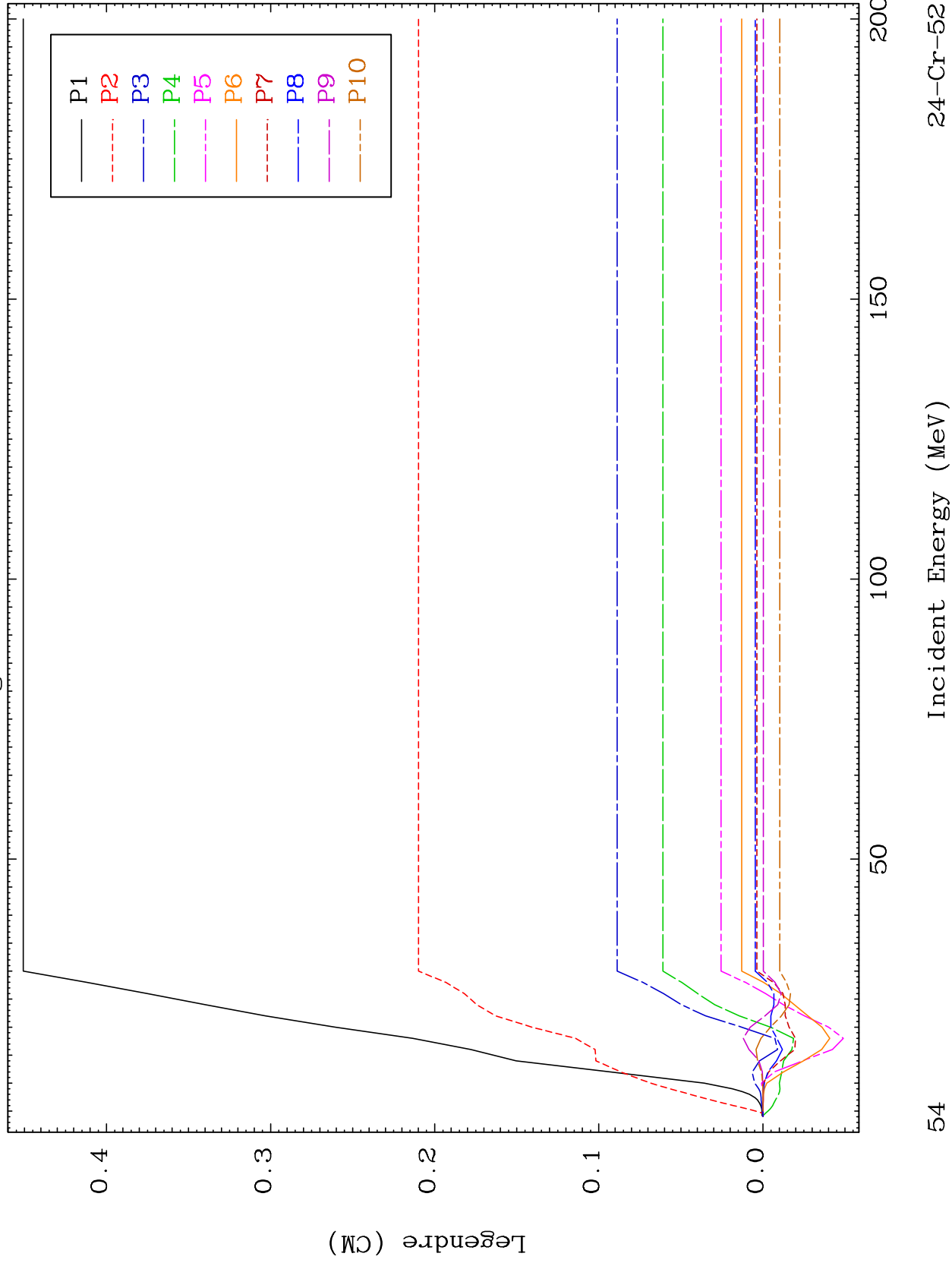
24-Cr-52



MAT 2431

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

24-Cr-52



54

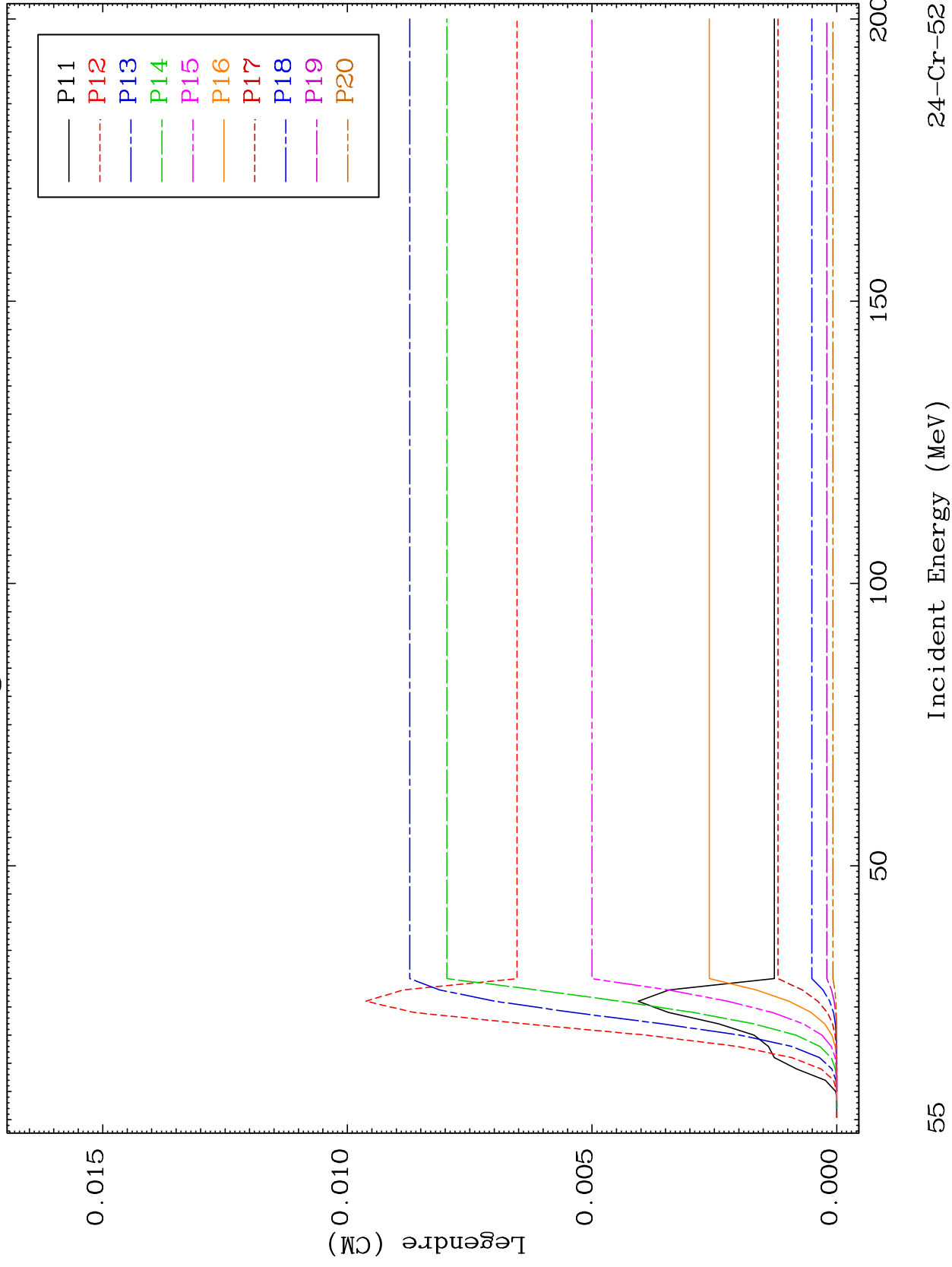
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



55

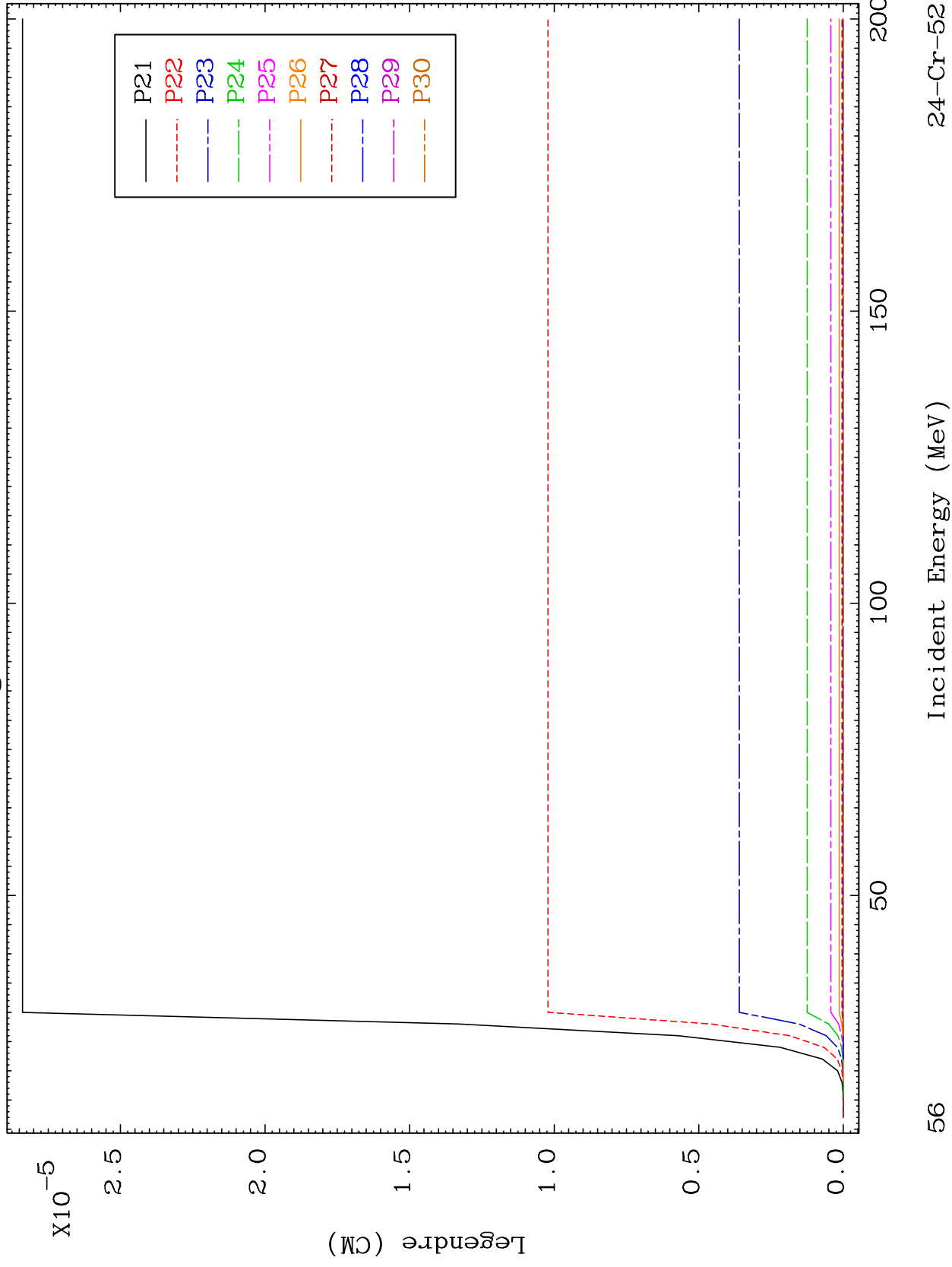
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

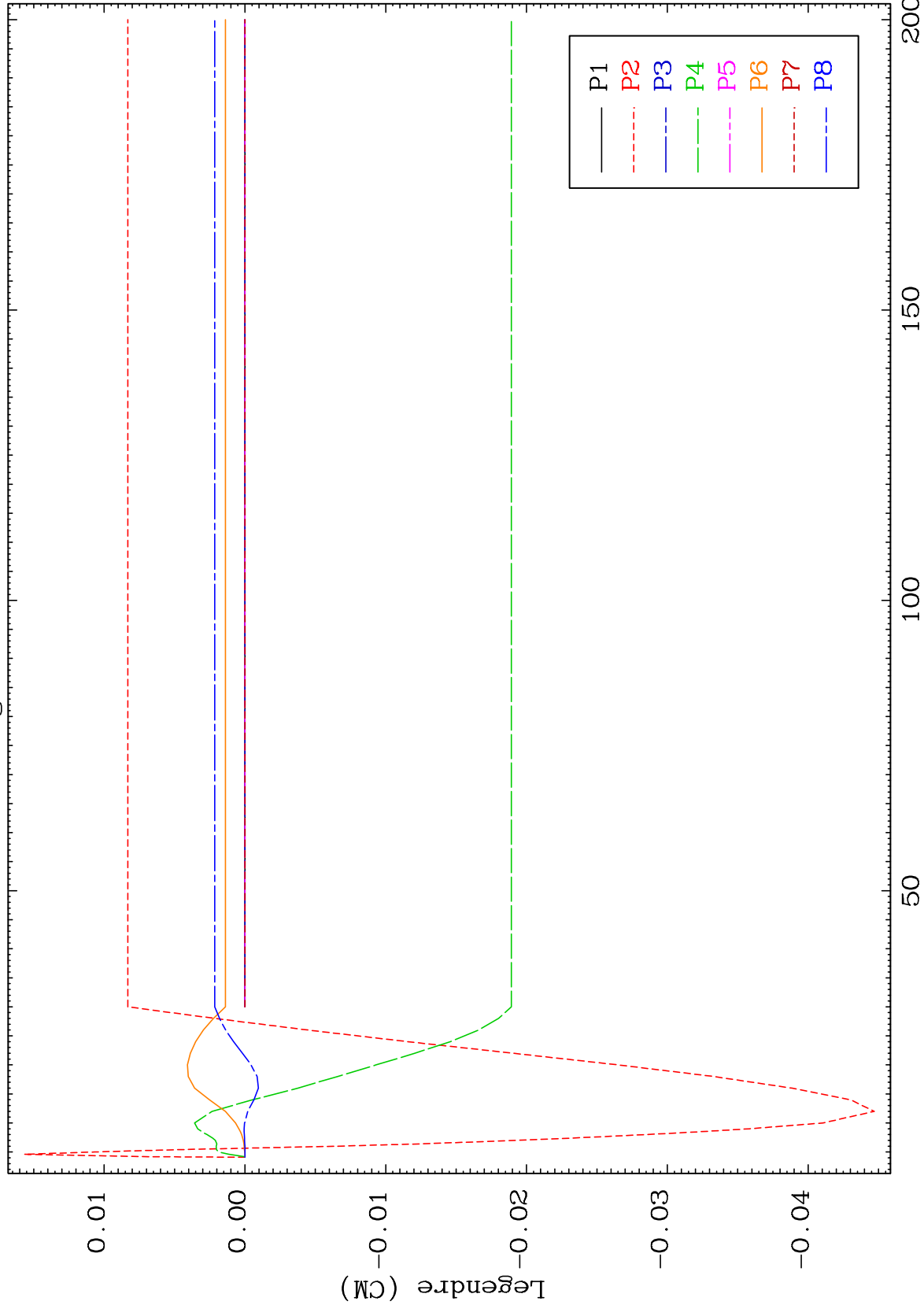
24-Cr-52



MAT 2431

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

24-Cr-52



57

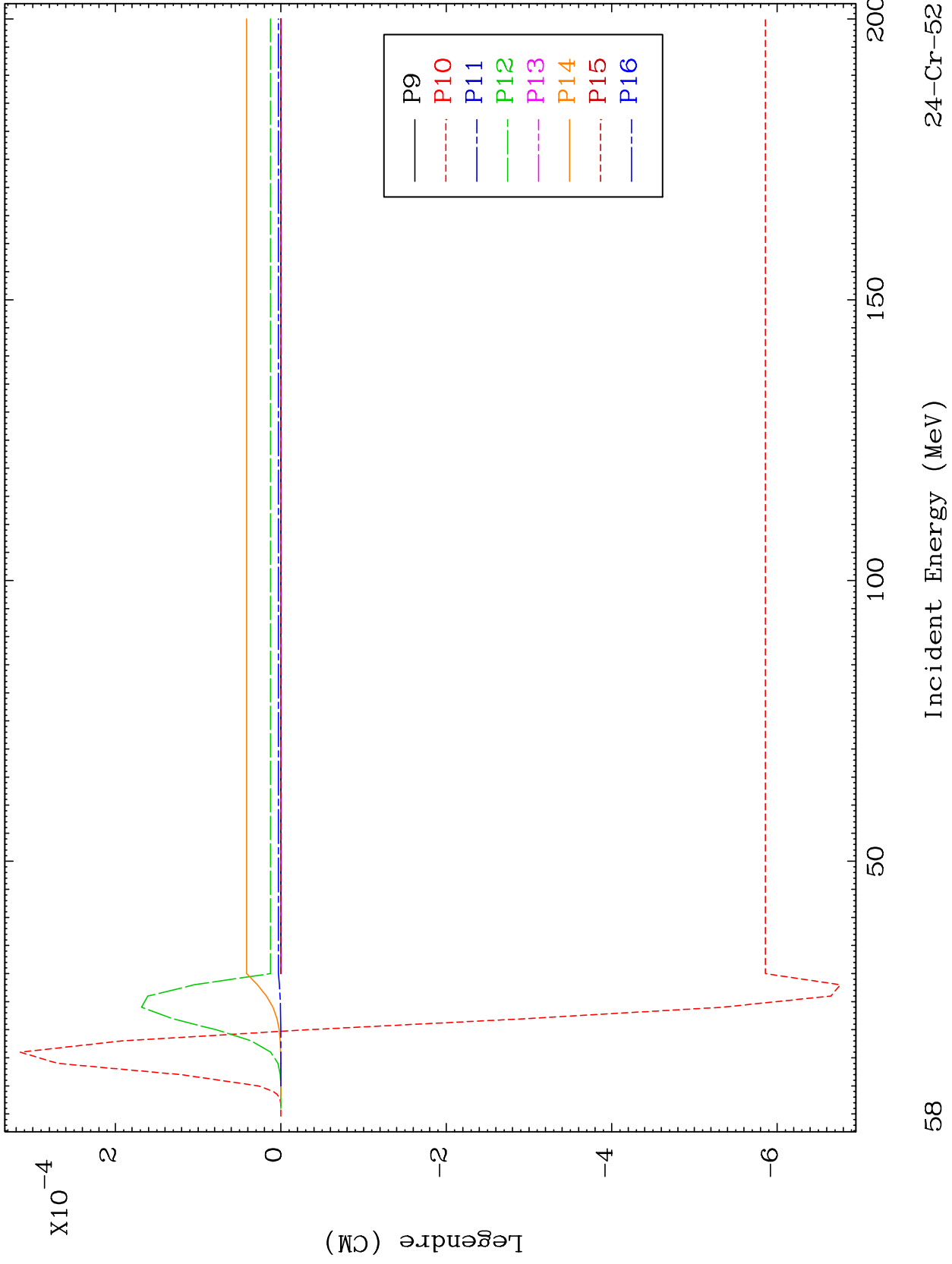
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

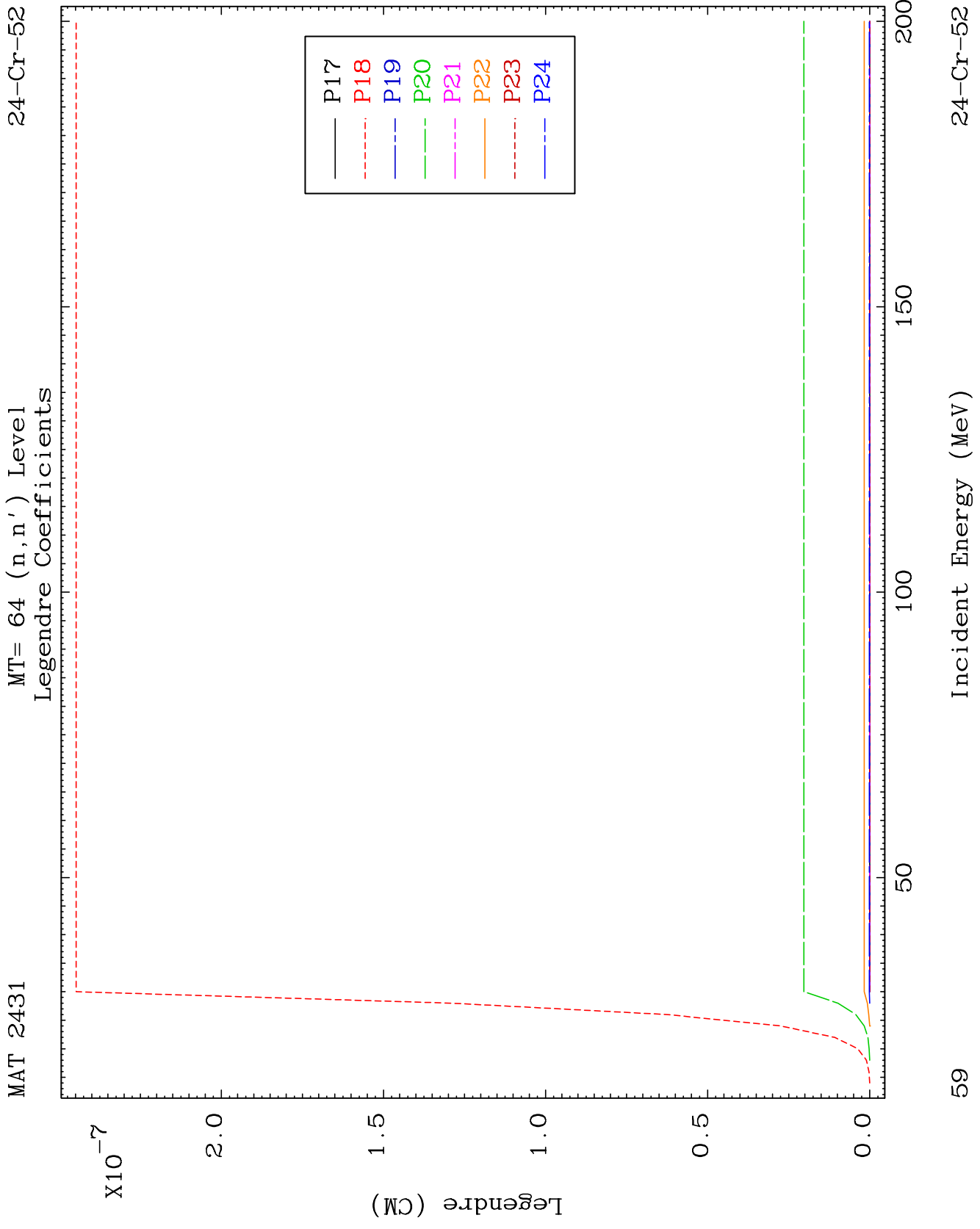
24-Cr-52



58

Incident Energy (MeV)

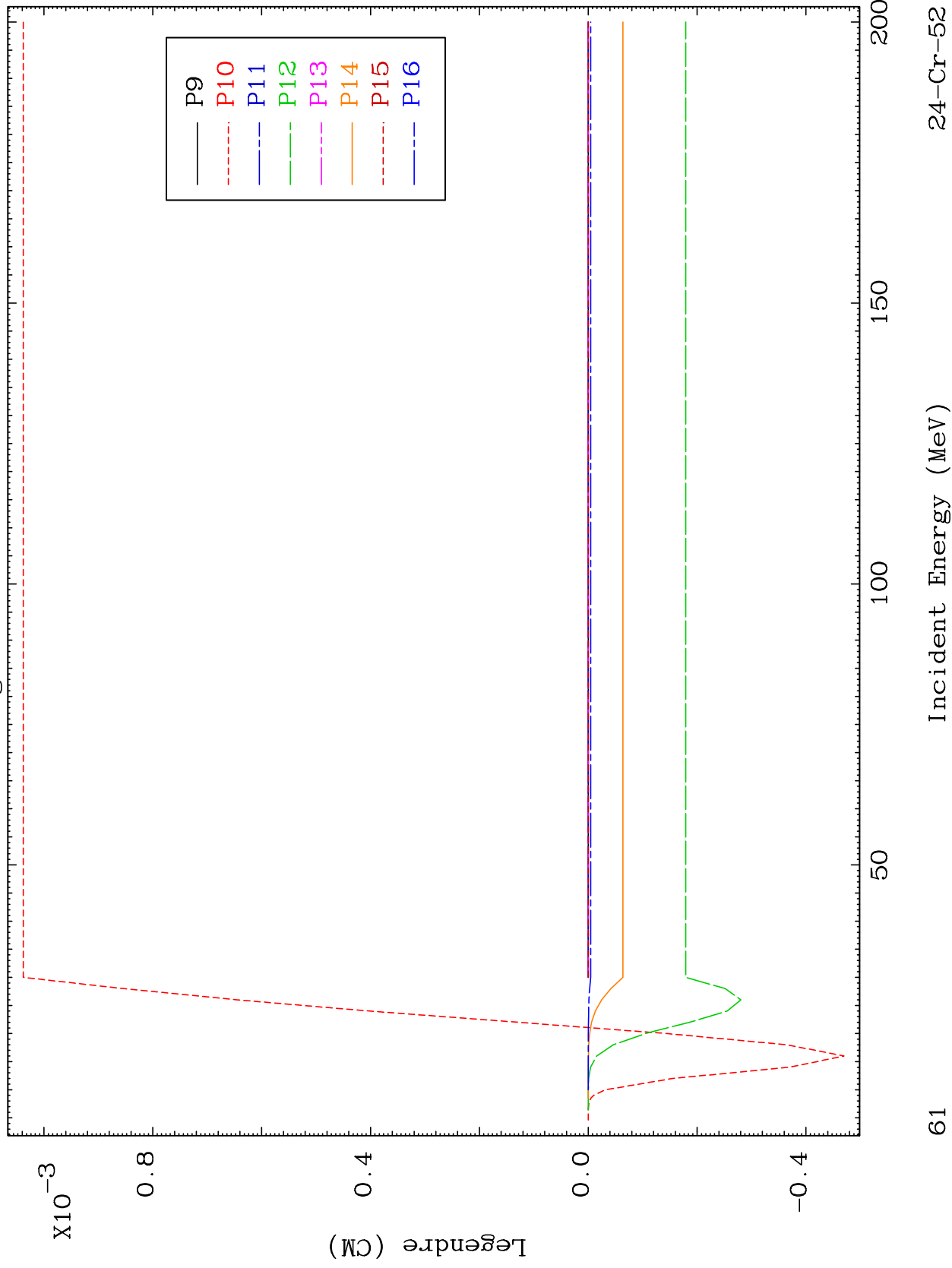
24-Cr-52



MAT 2431

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

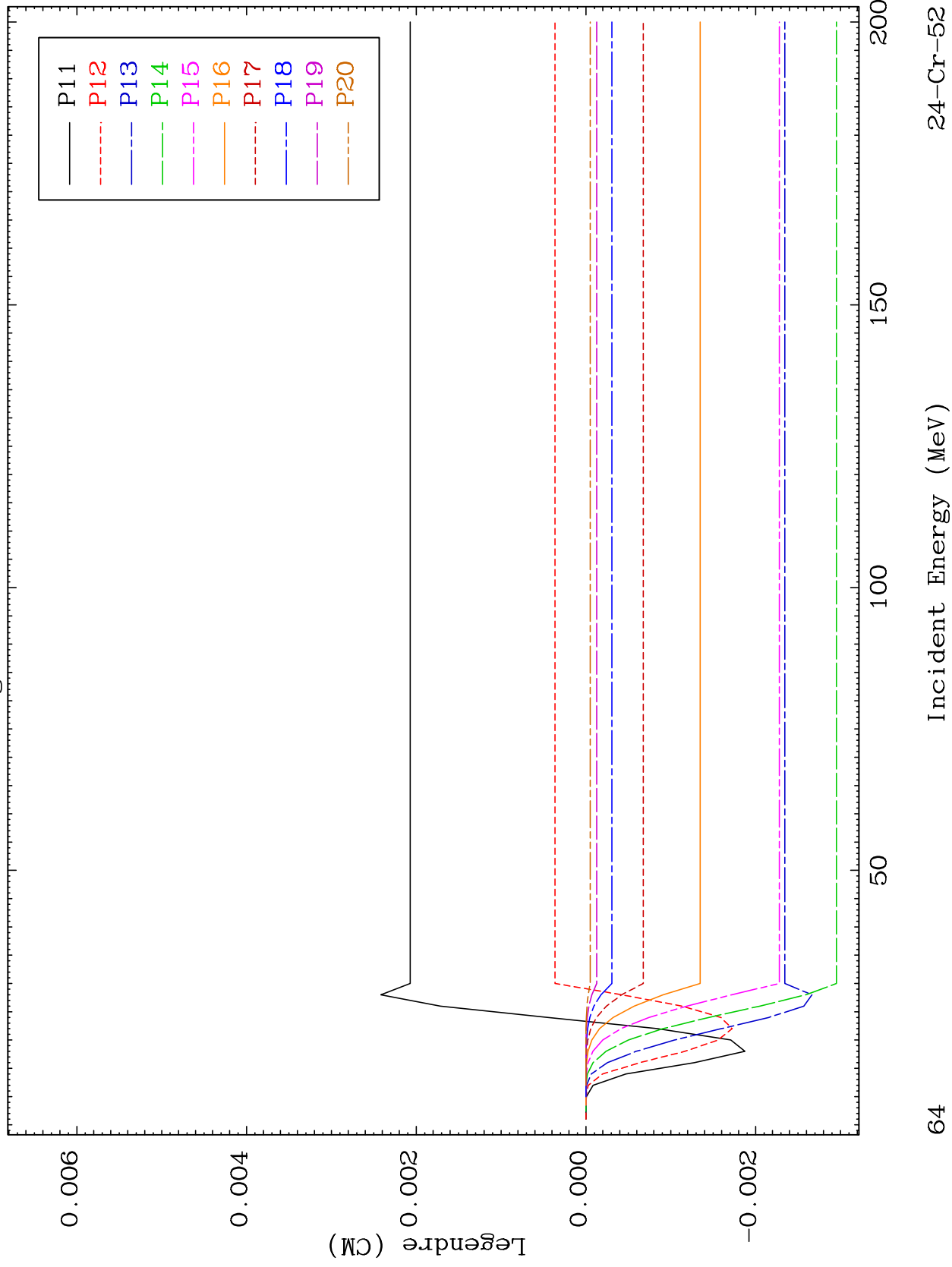
24-Cr-52



MAT 2431

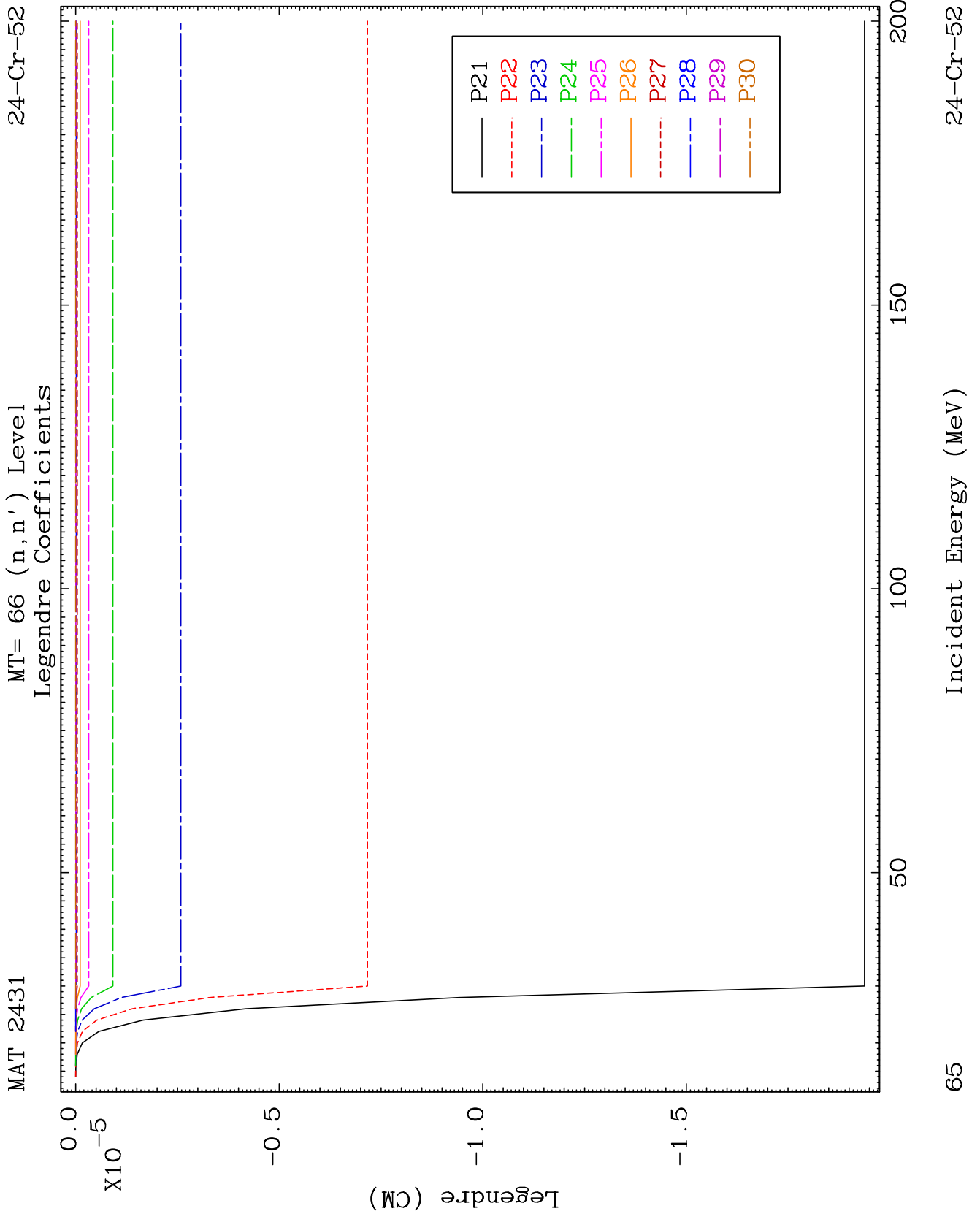
MT= 66 (n,n') Level
Legendre Coefficients

24-Cr-52



64

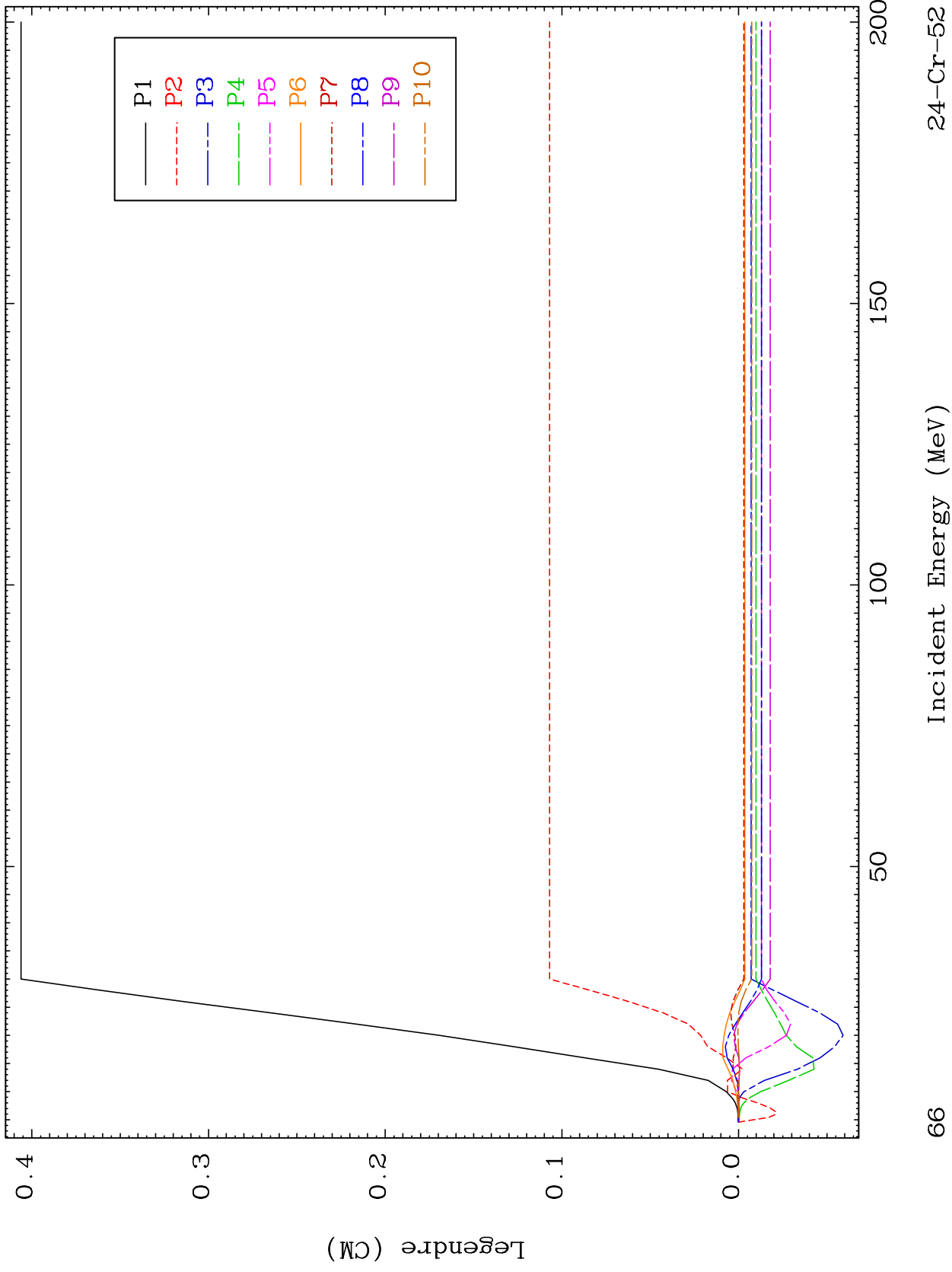
24-Cr-52



MAT 2431

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

24-Cr-52



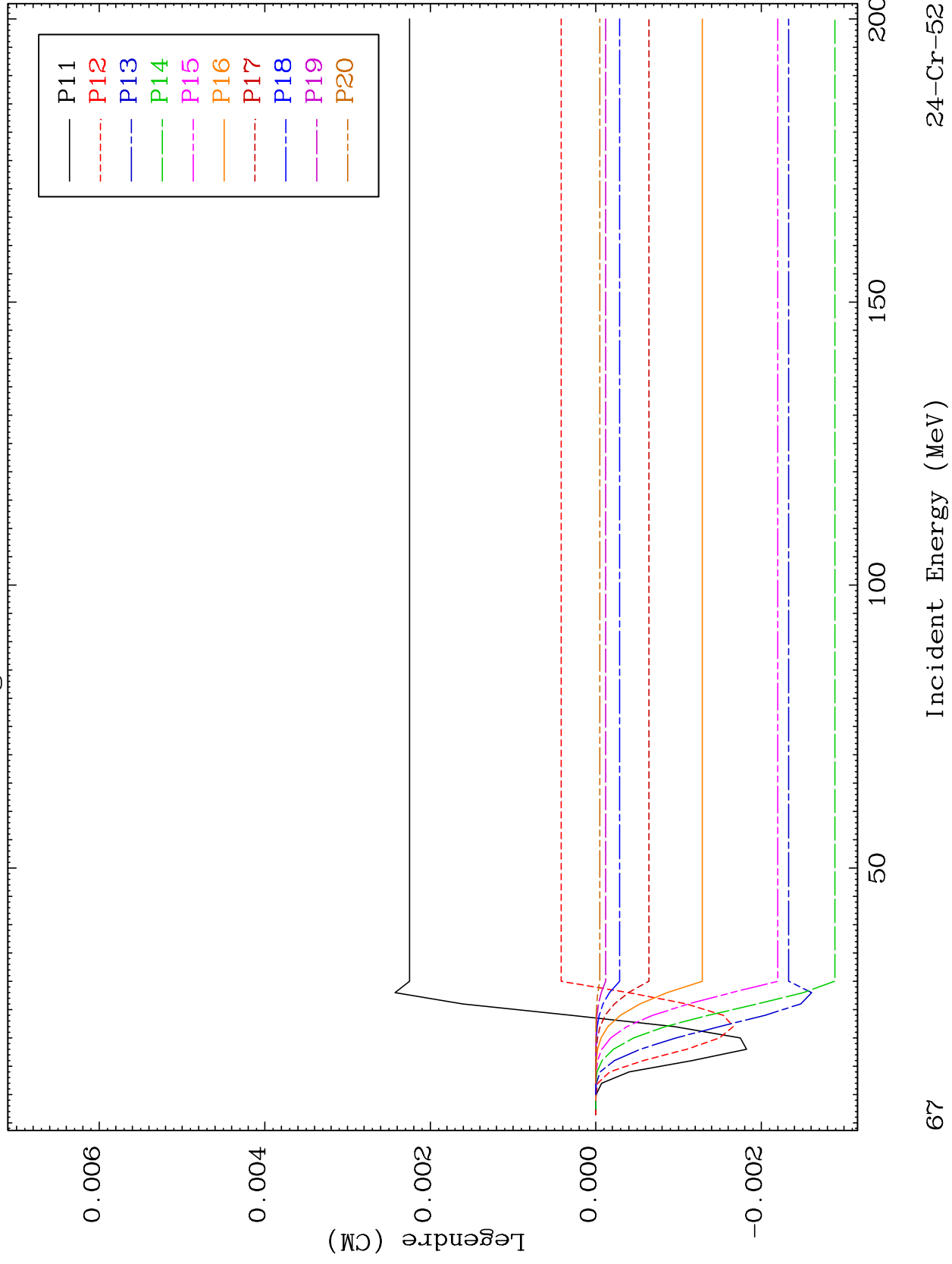
66

24-Cr-52

MAT 2431

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

24-Cr-52



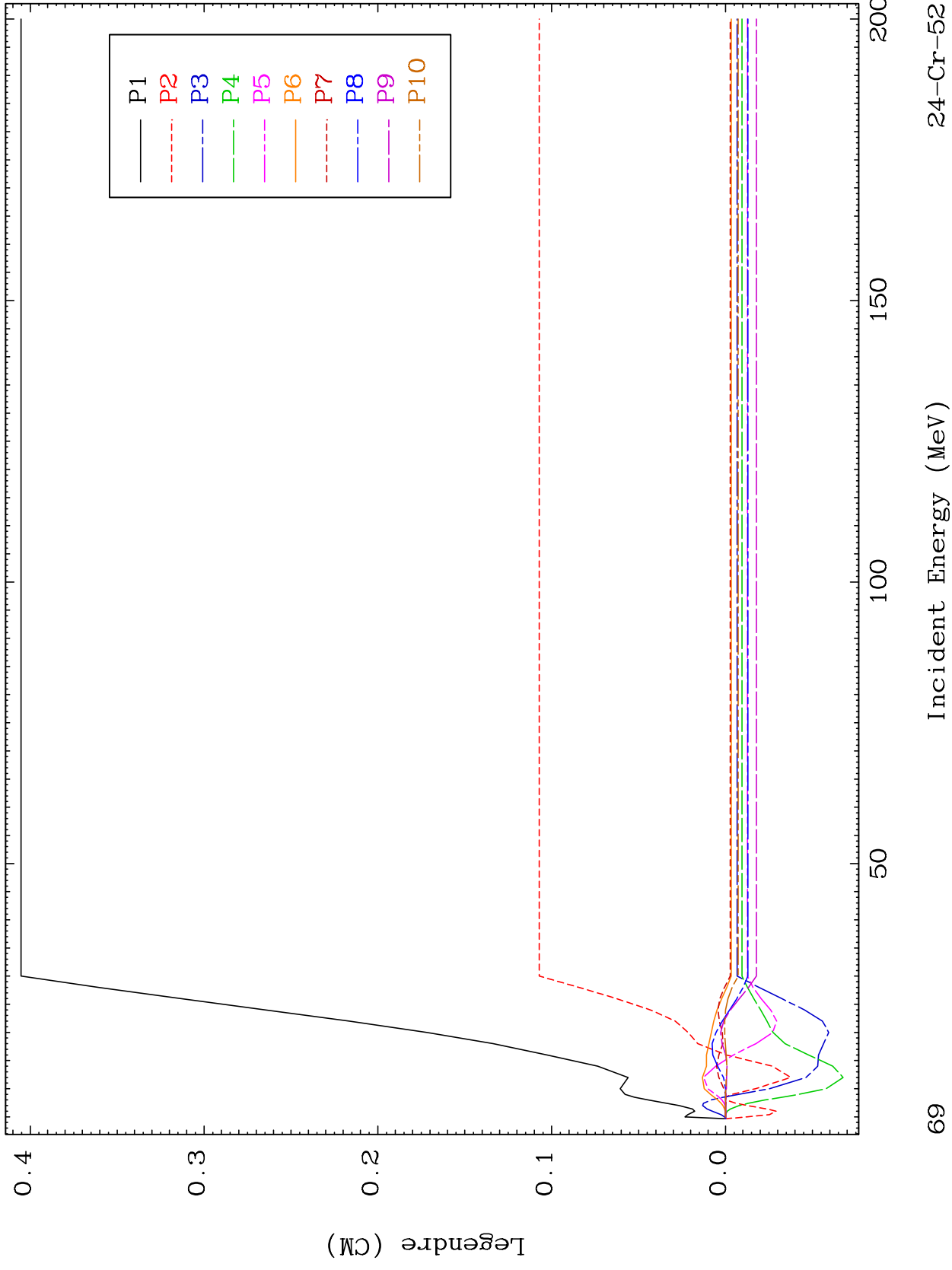
67

24-Cr-52

MAT 2431

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

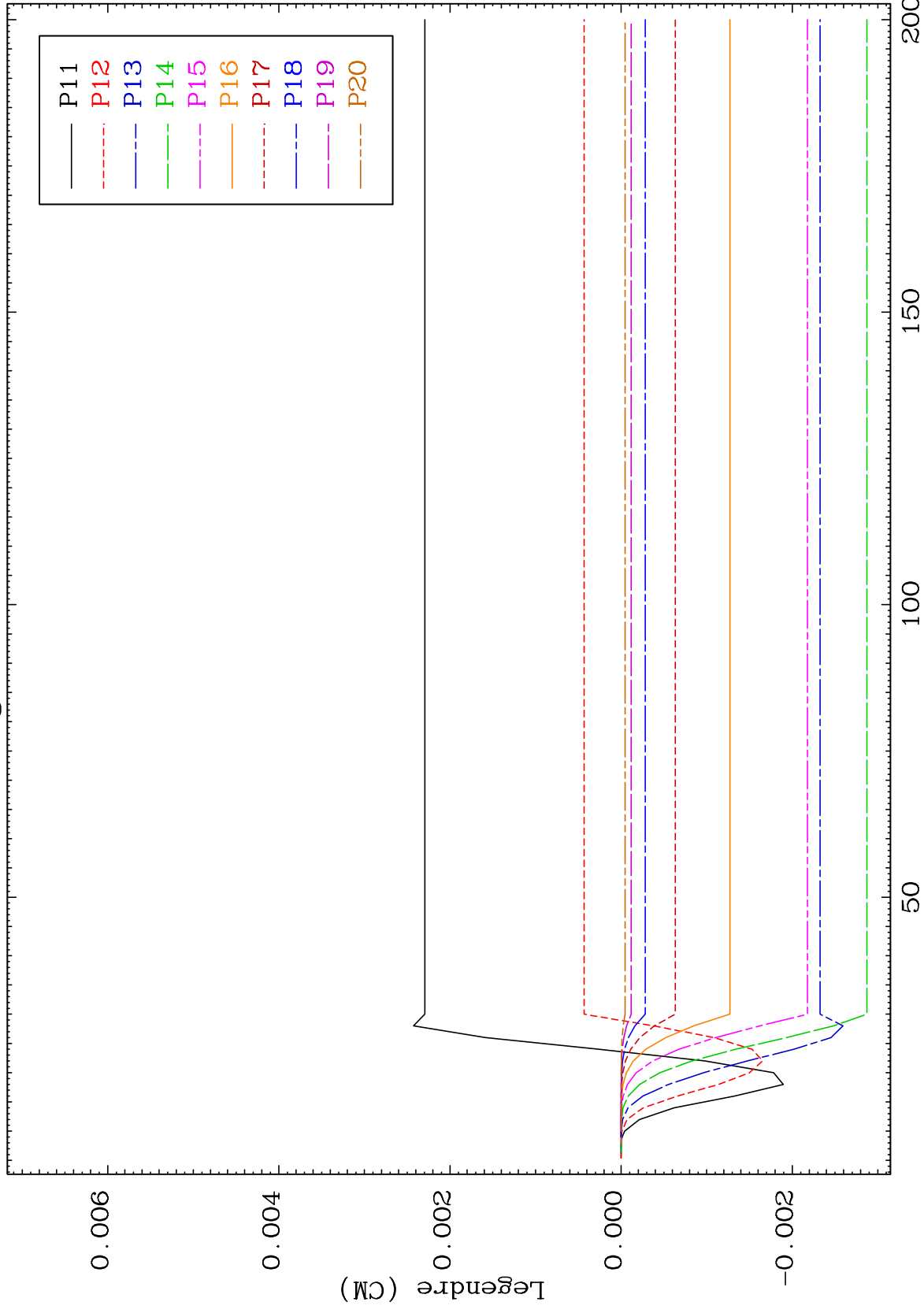
24-Cr-52



MAT 2431

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

24-Cr-52



70

Incident Energy (MeV)

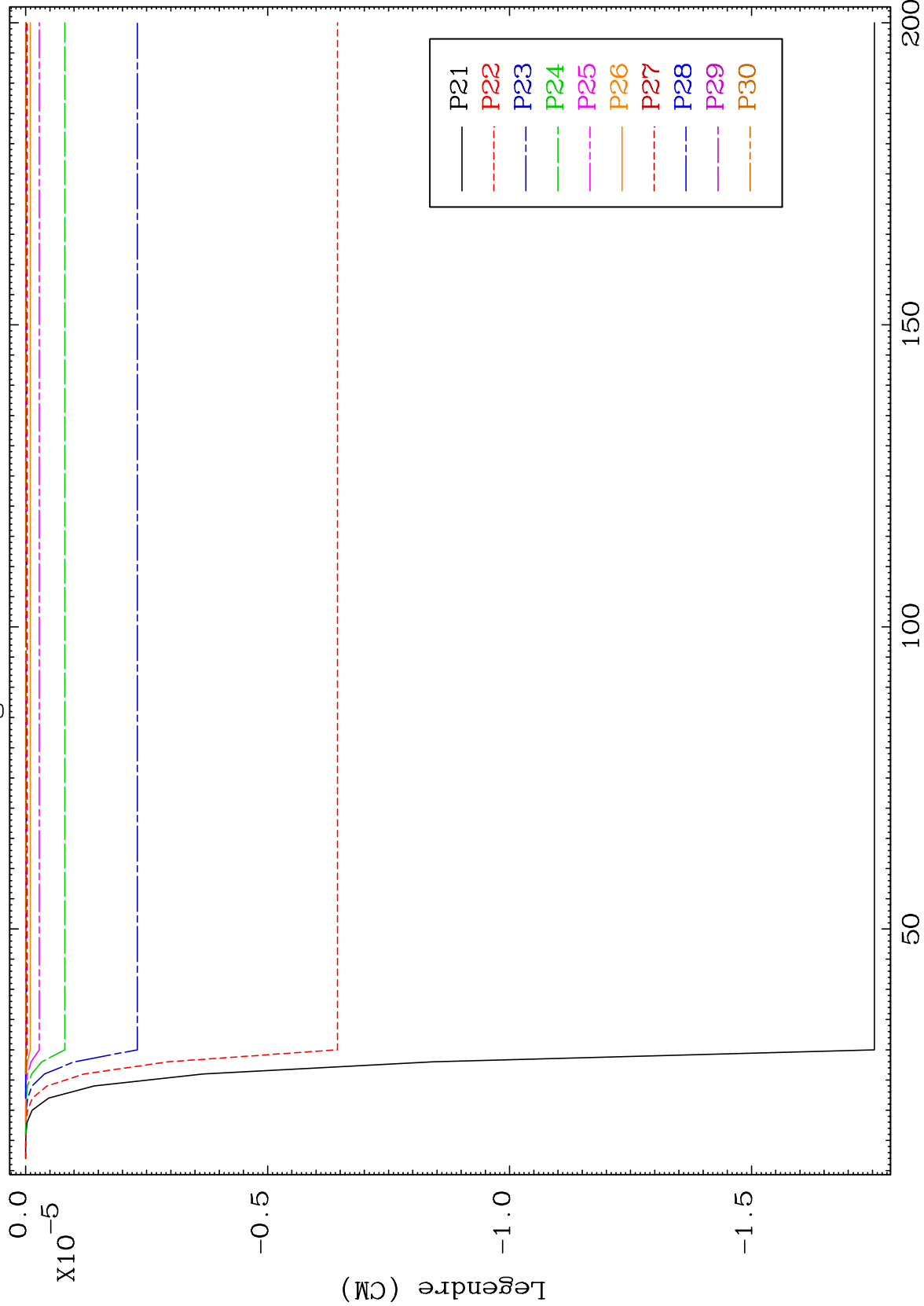
24-Cr-52

MAT 2431

MT= 68 (n,n') Level

24-Cr-52

Legendre Coefficients



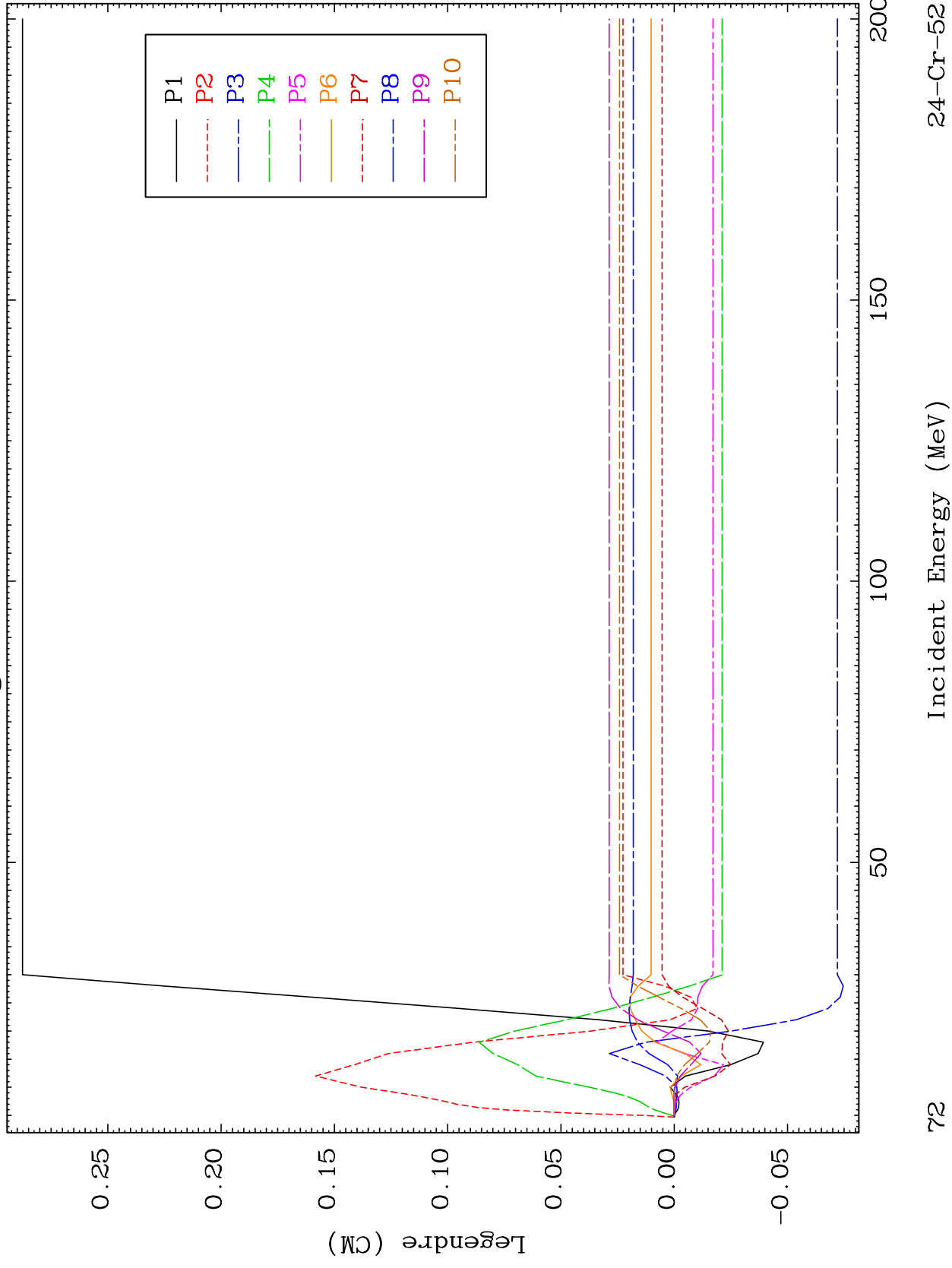
71

24-Cr-52

MAT 2431

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

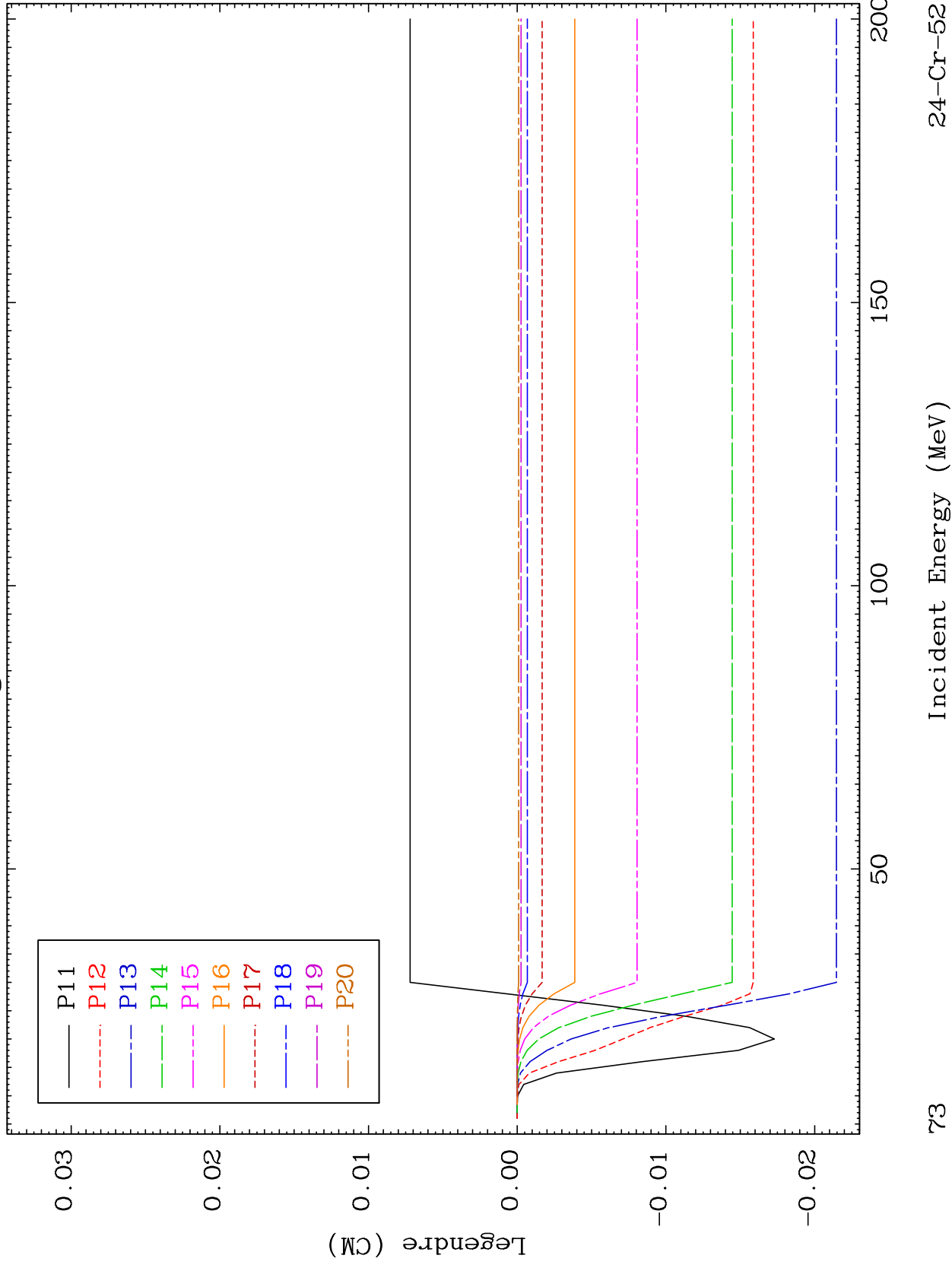
24-Cr-52



MAT 2431

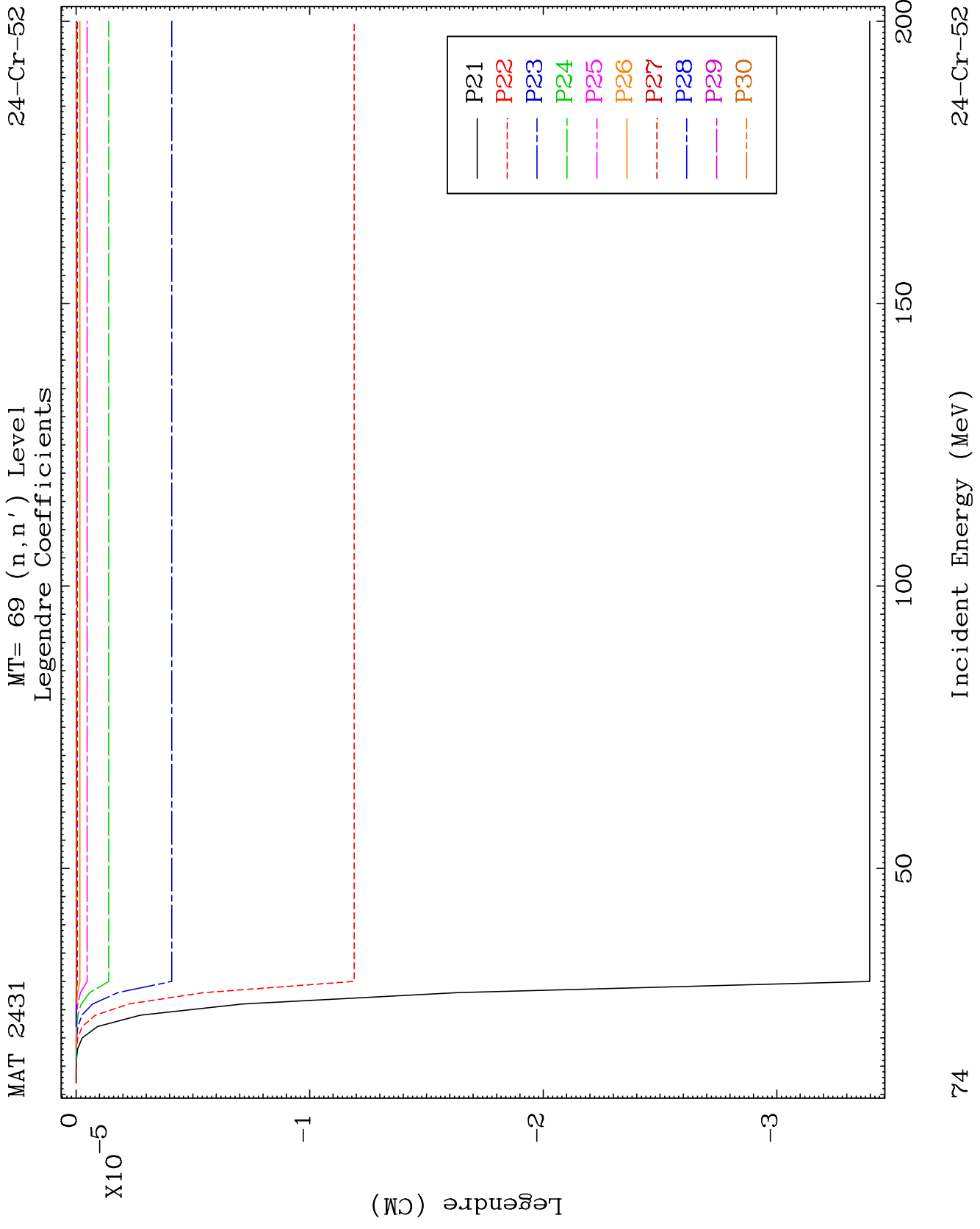
MT= 69 (n,n') Level
Legendre Coefficients

24-Cr-52



73

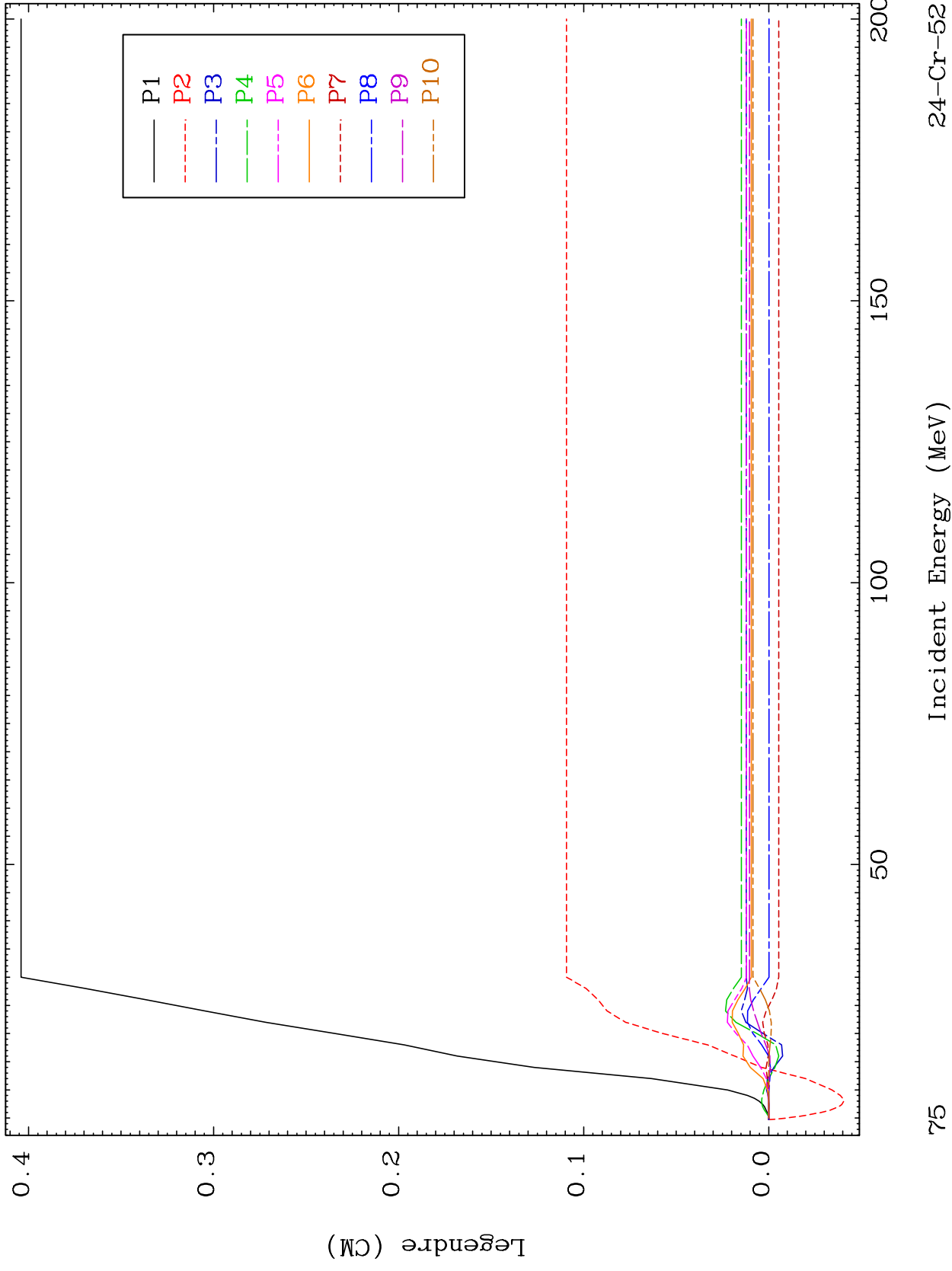
24-Cr-52



MAT 2431

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

24-Cr-52



75

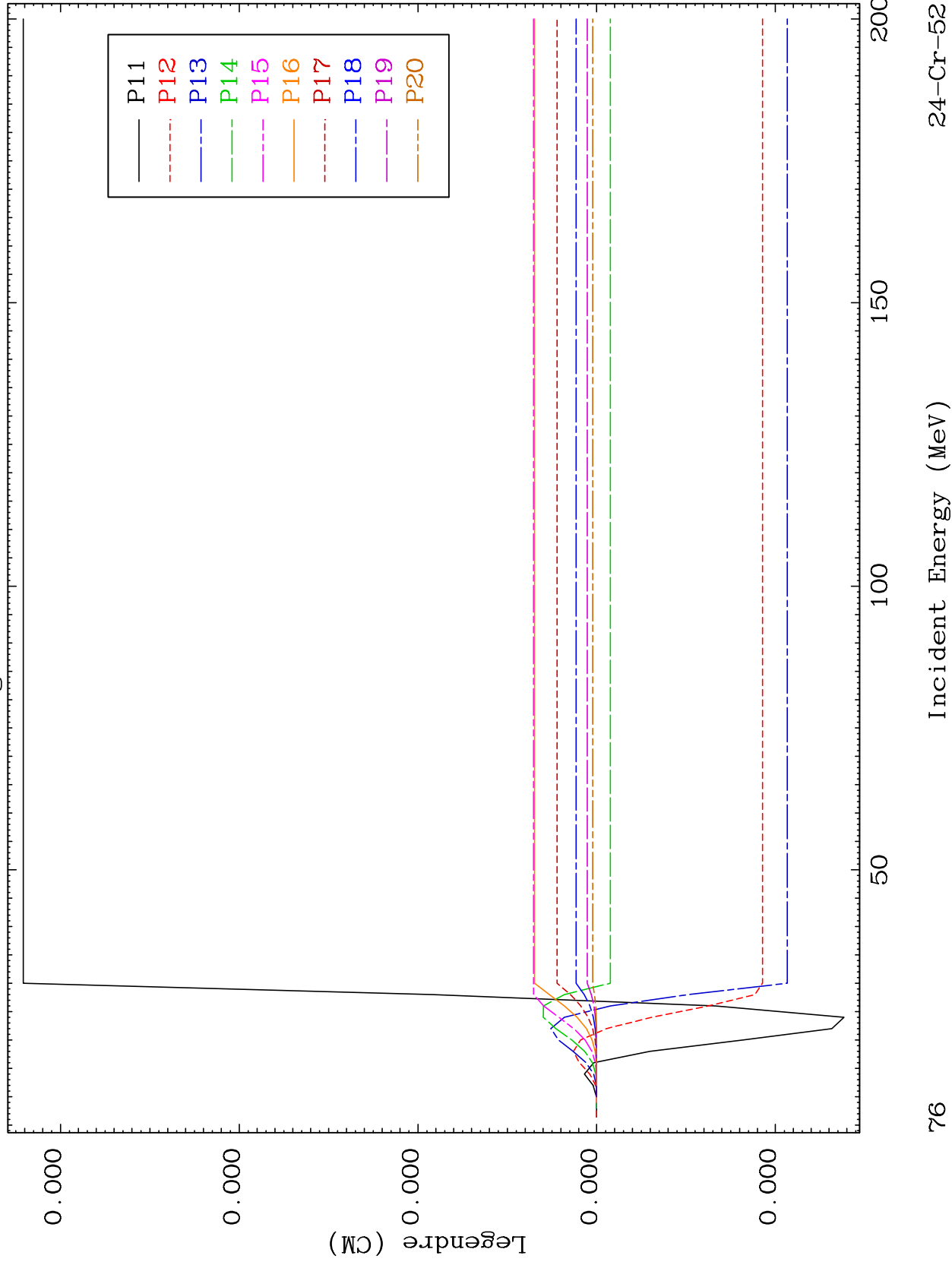
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



76

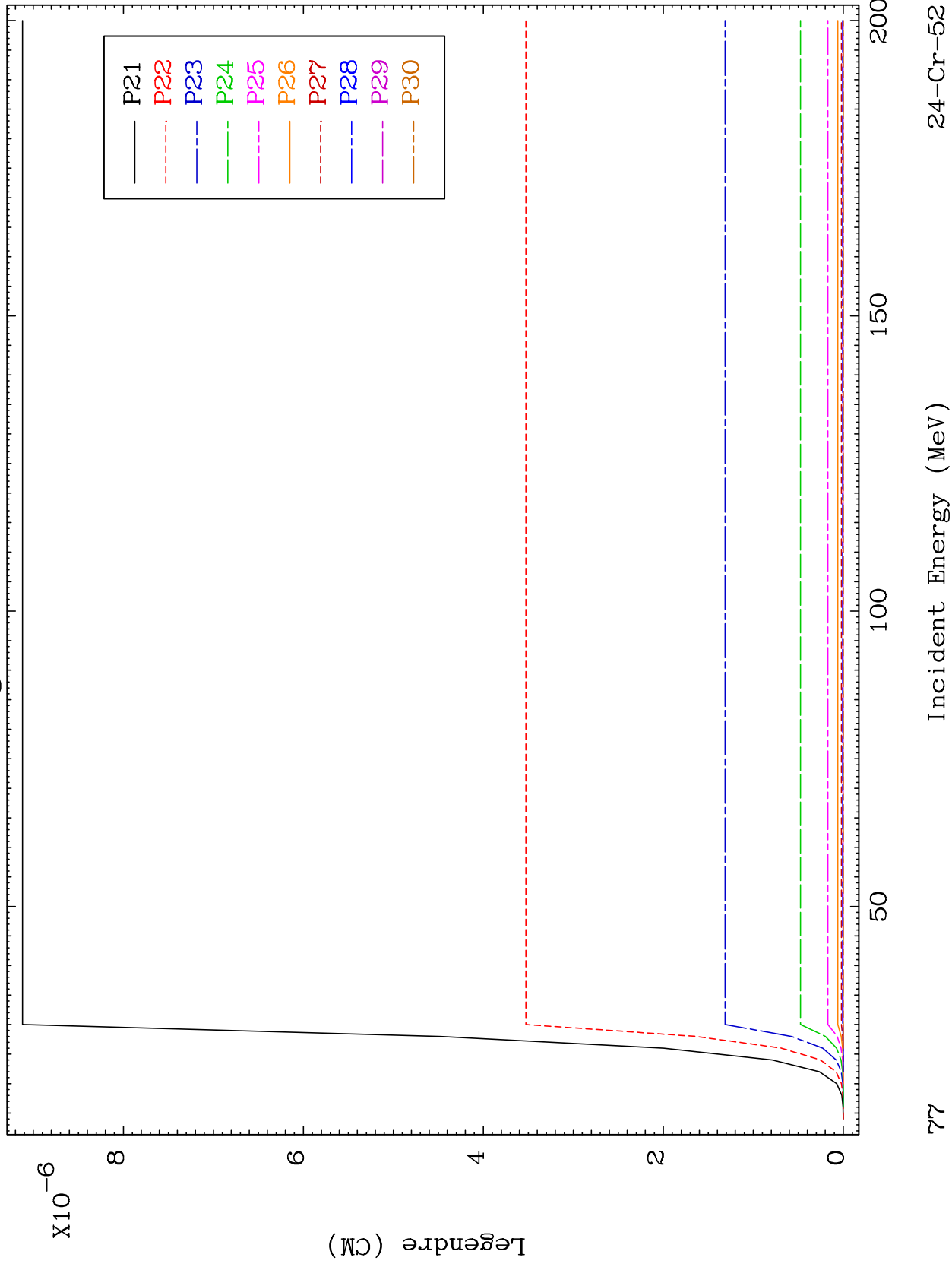
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

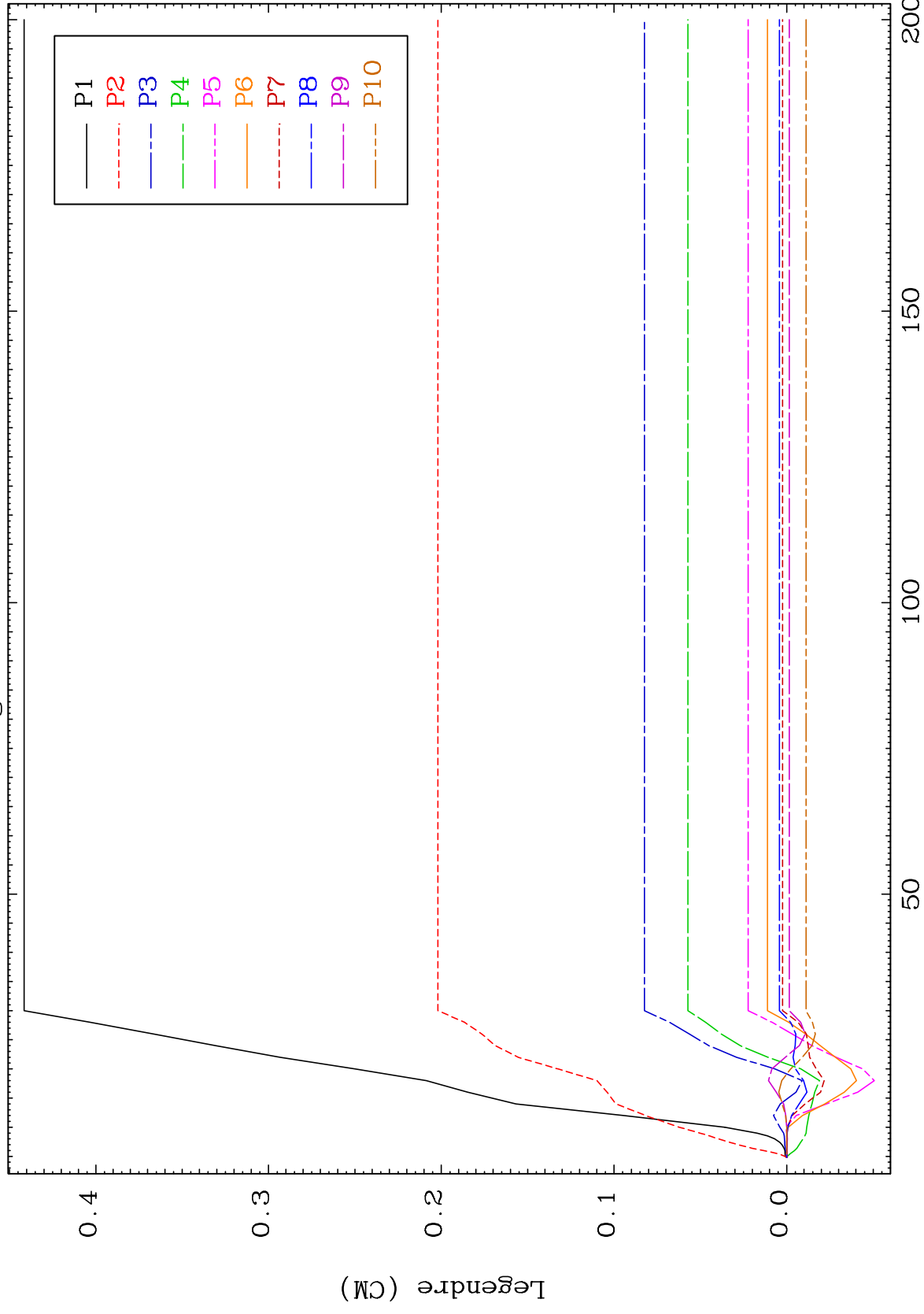
24-Cr-52



MAT 2431

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

24-Cr-52



78

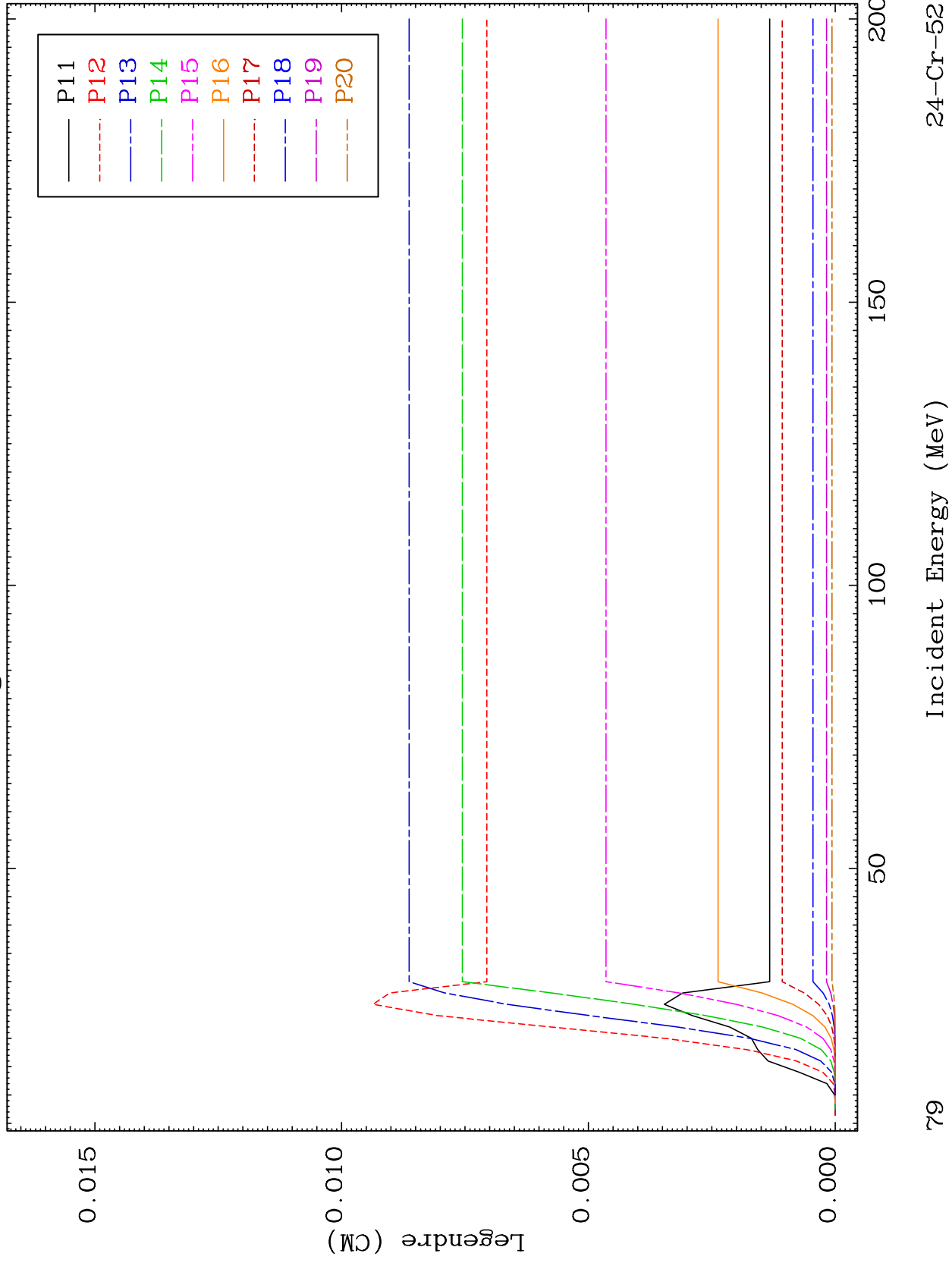
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



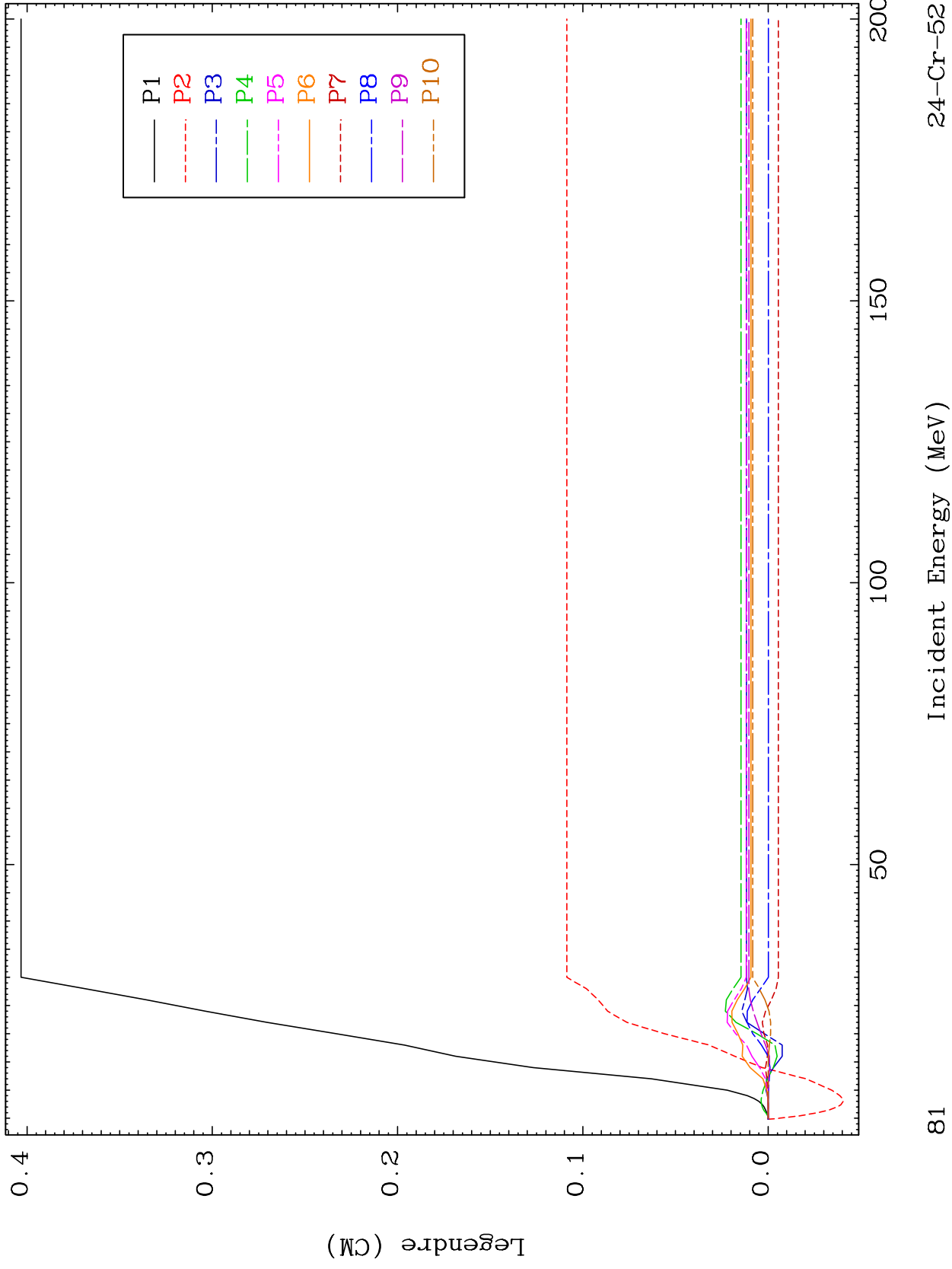
79

24-Cr-52

MAT 2431

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

24-Cr-52



81

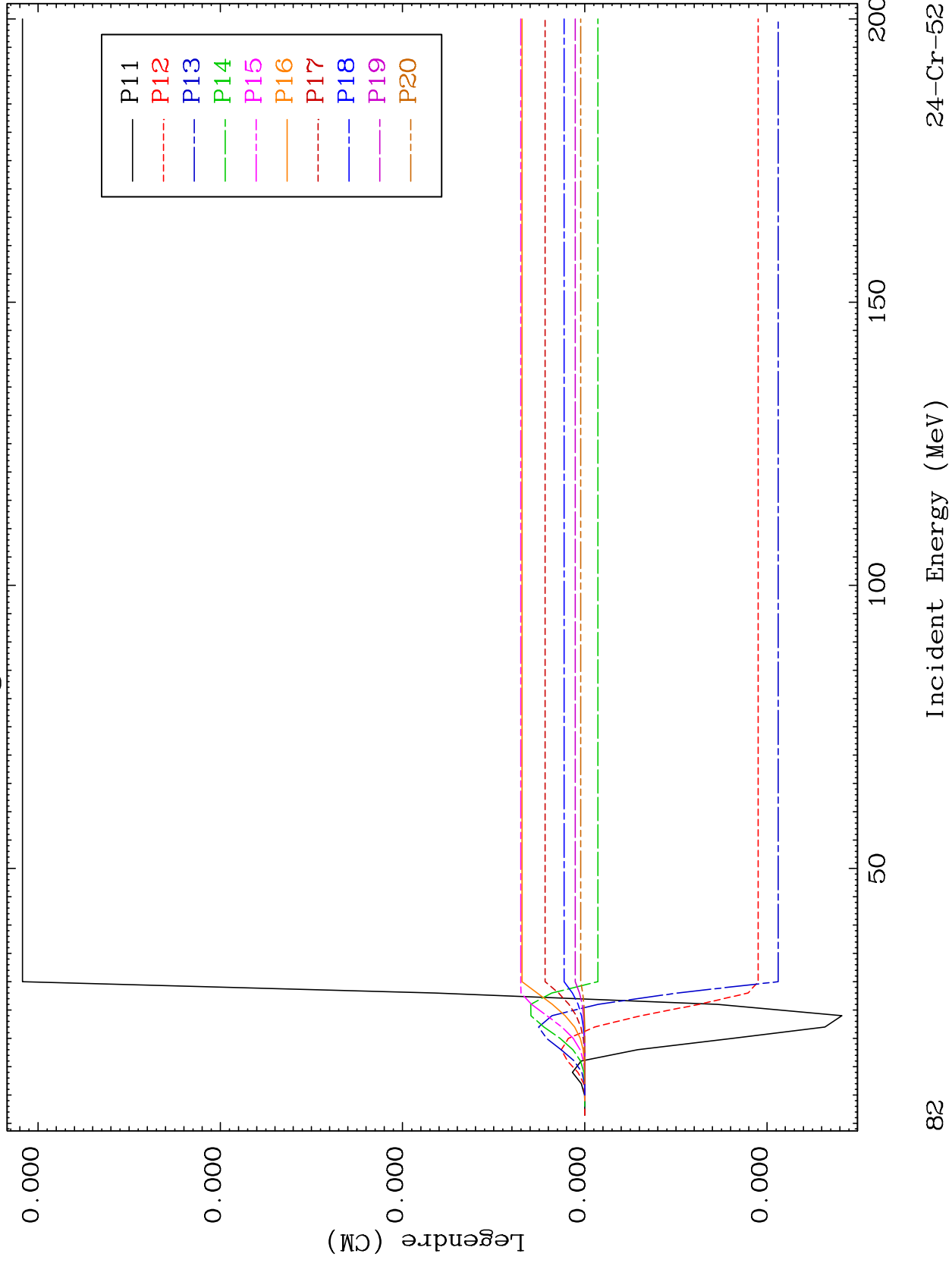
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



82

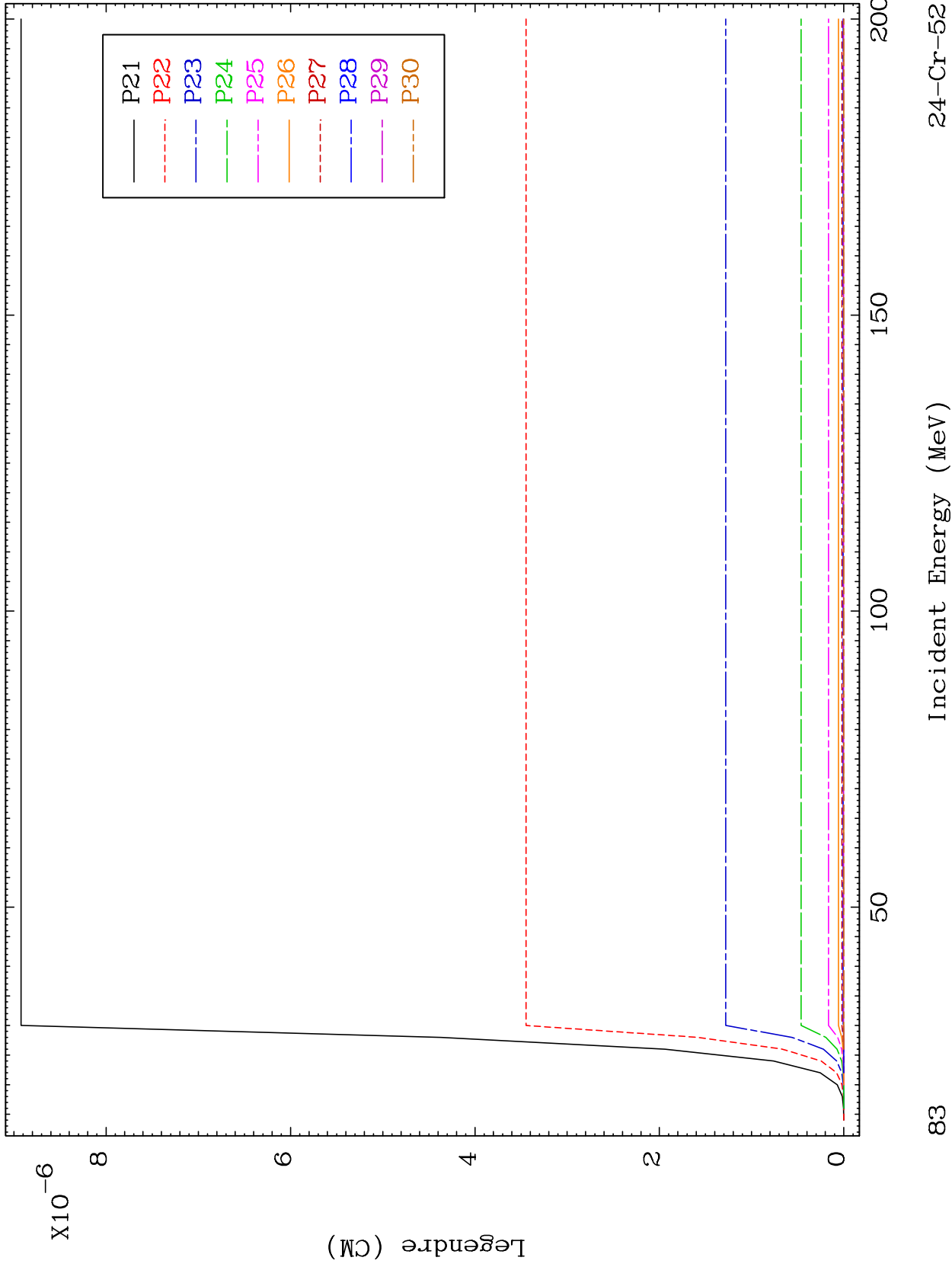
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

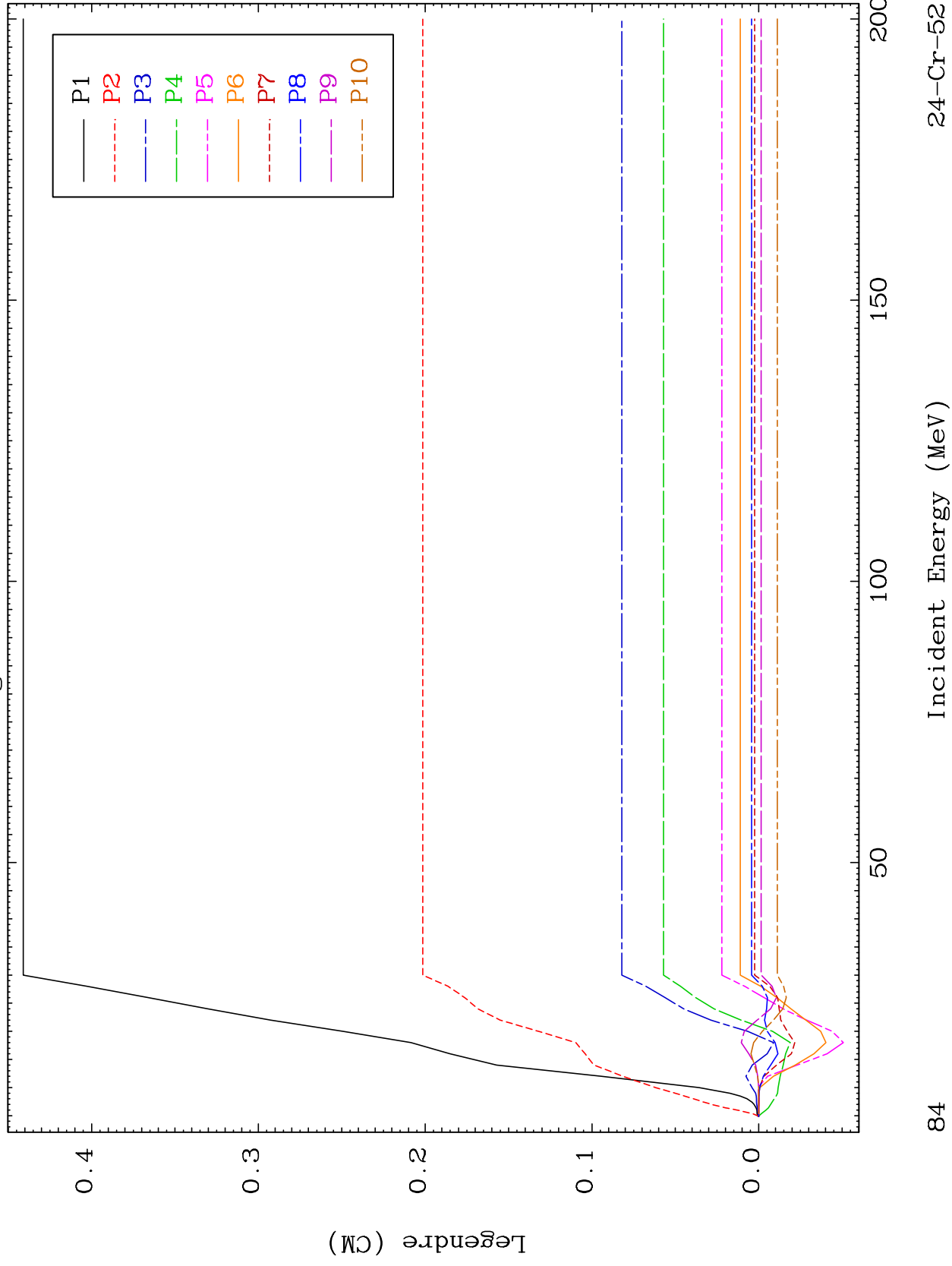
24-Cr-52



MAT 2431

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

24-Cr-52



84

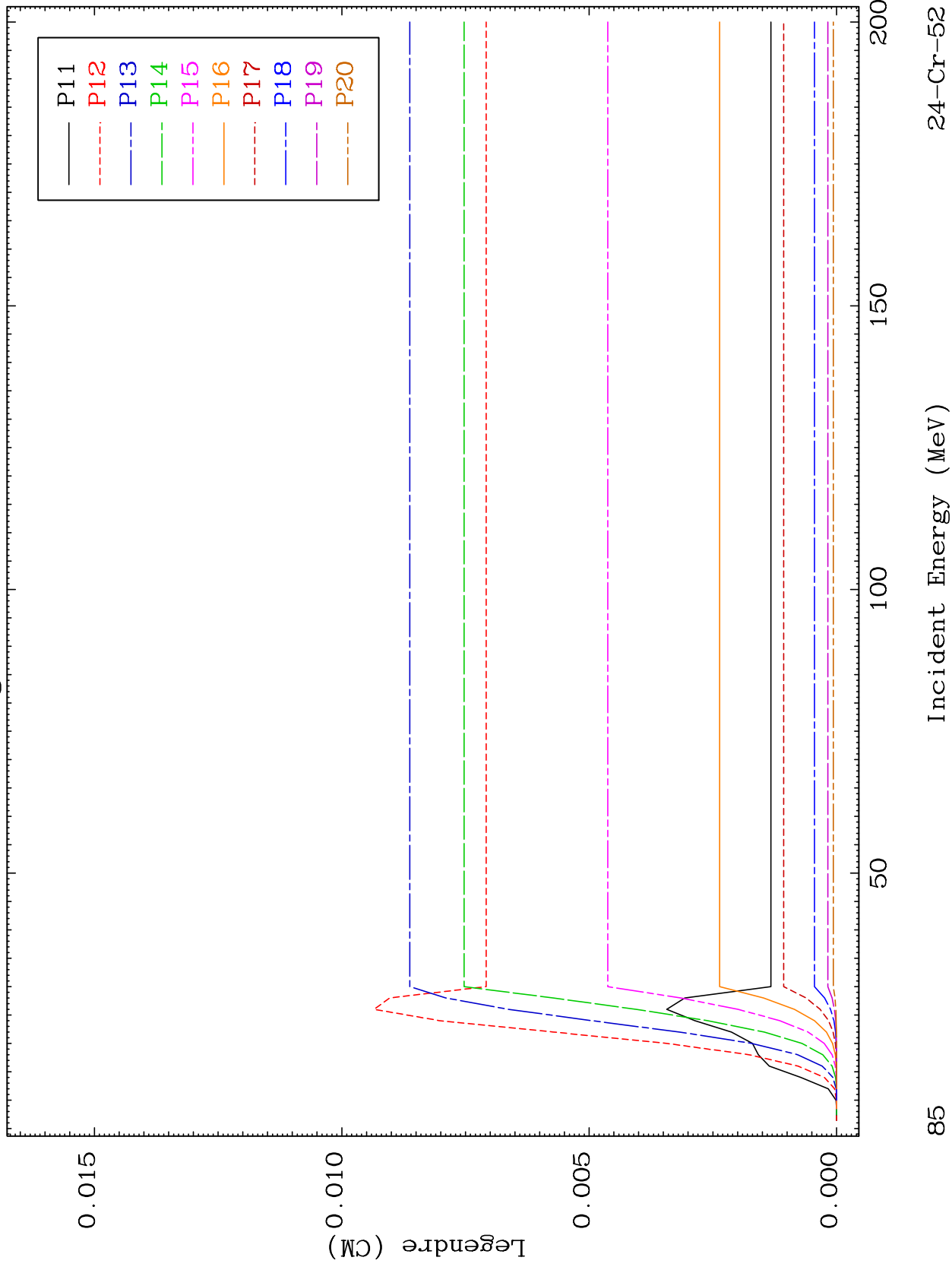
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

24-Cr-52



85

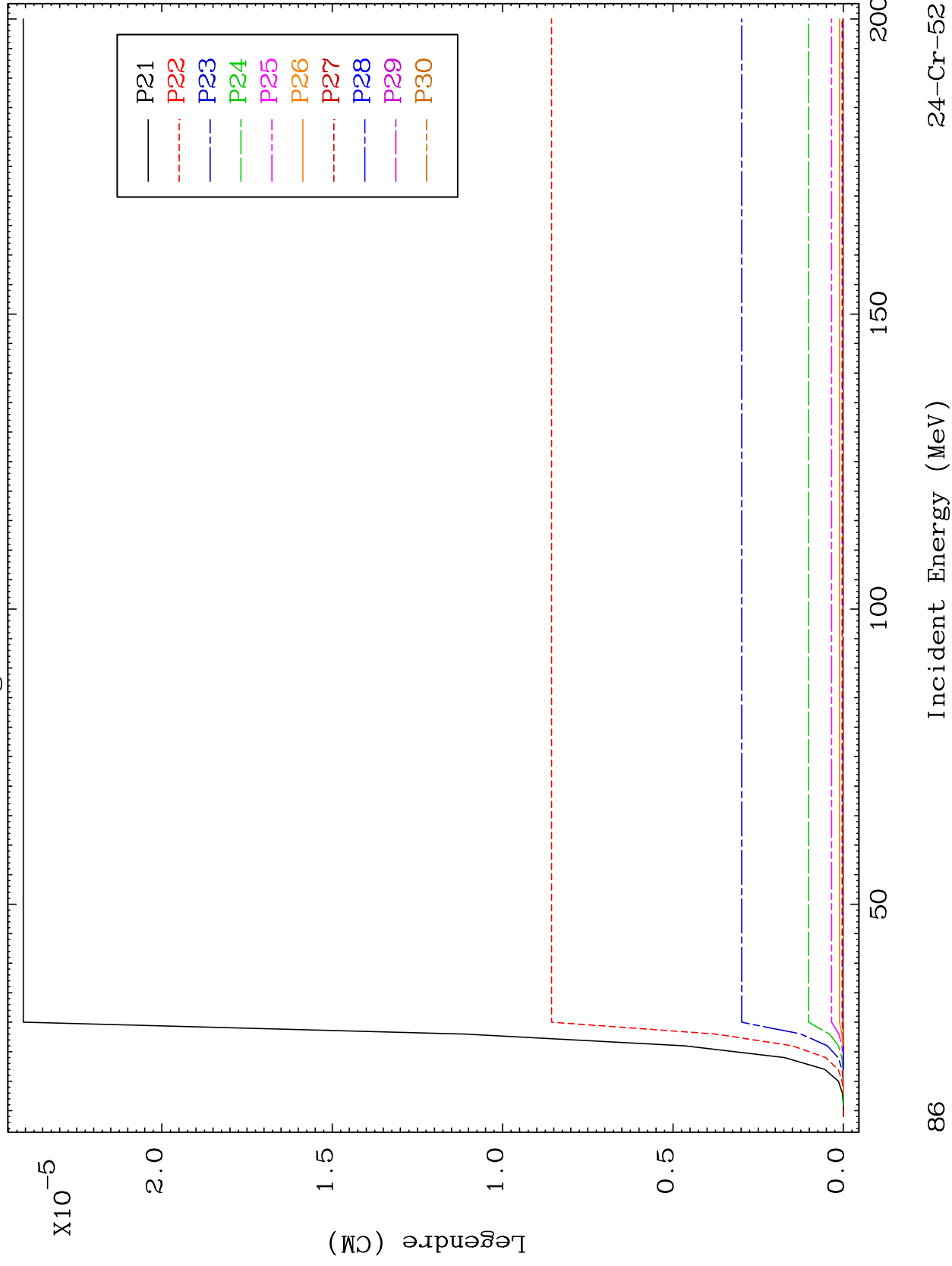
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

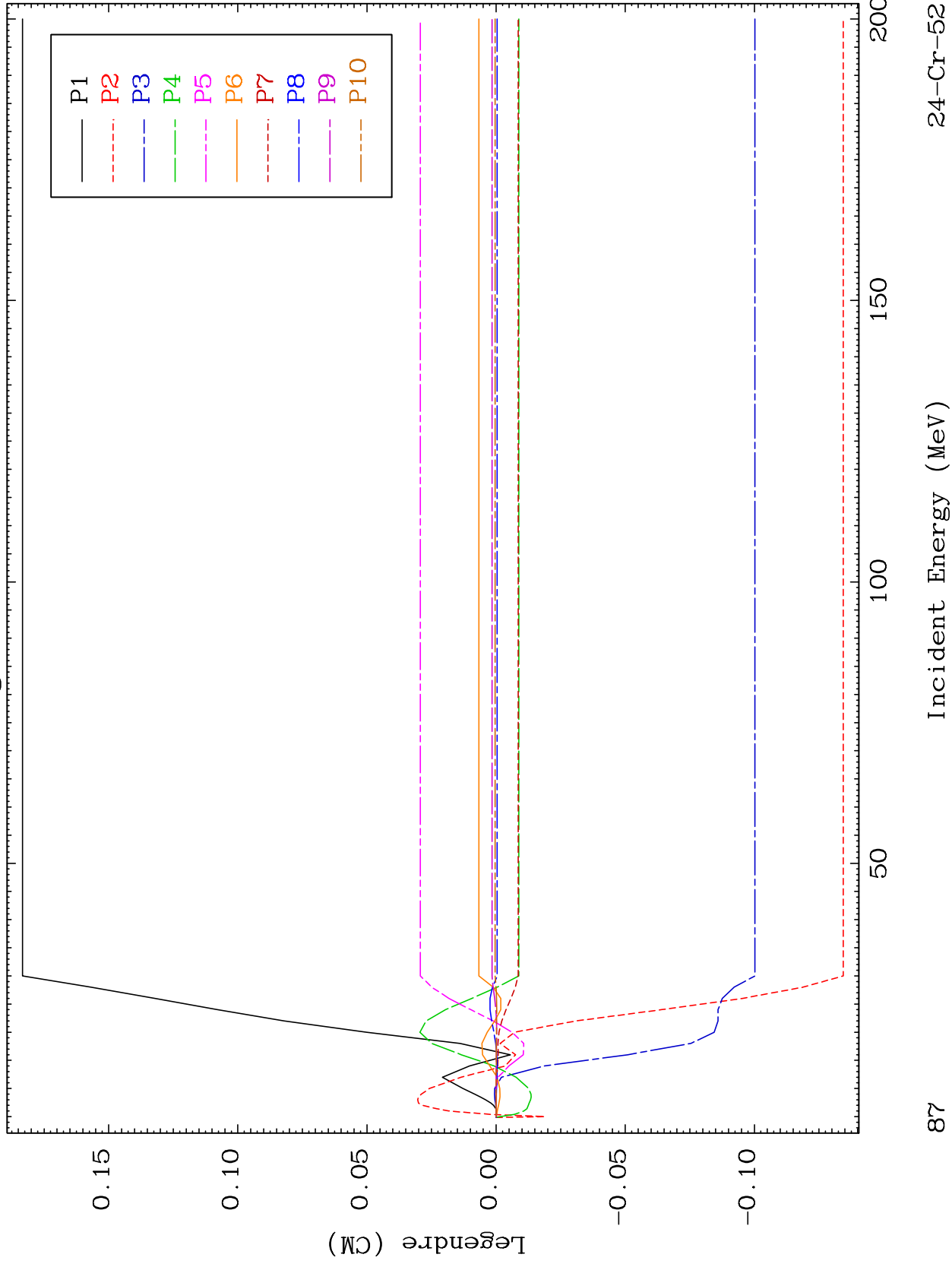
24-Cr-52



MAT 2431

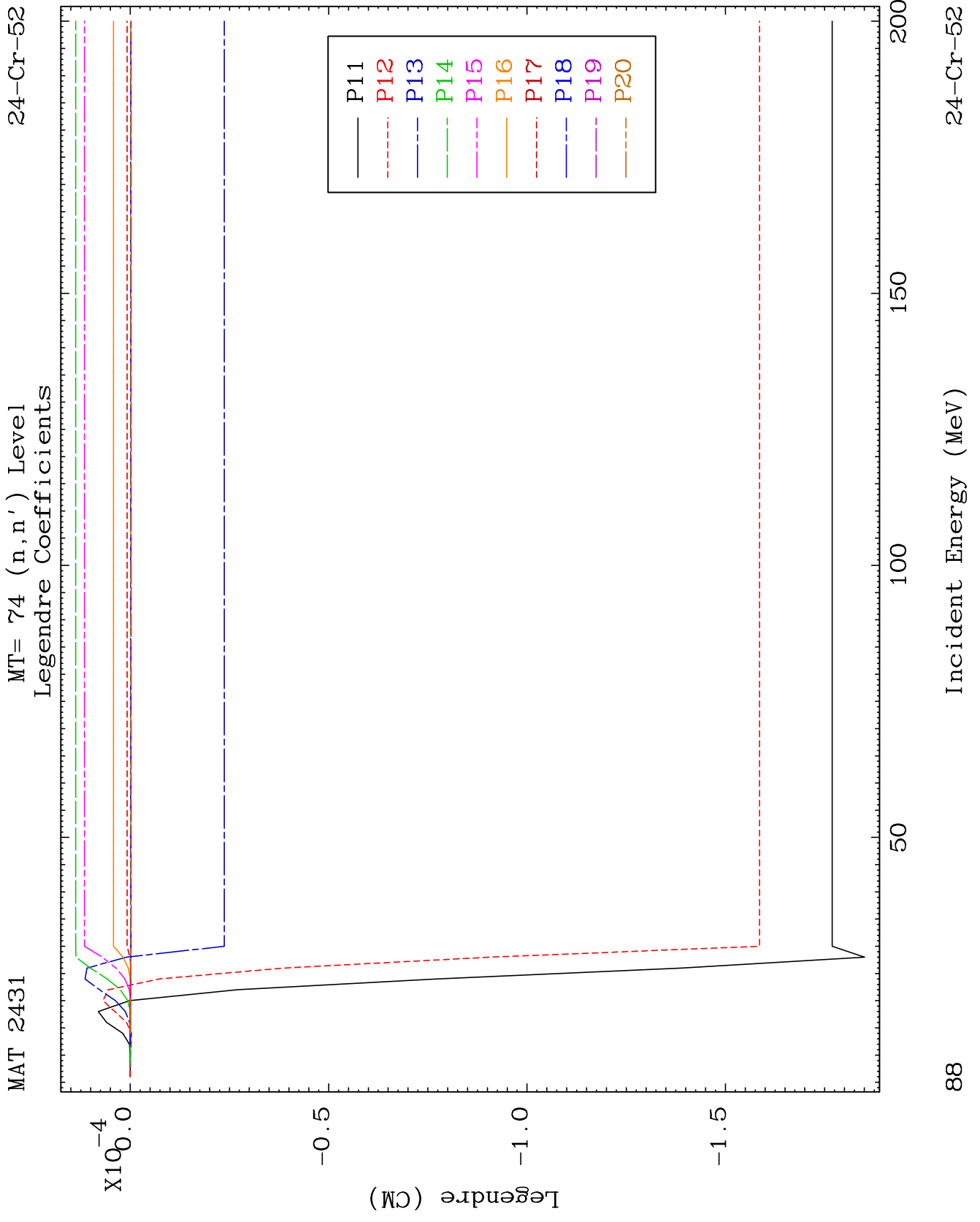
MT= 74 (n,n') Level
Legendre Coefficients

24-Cr-52



87

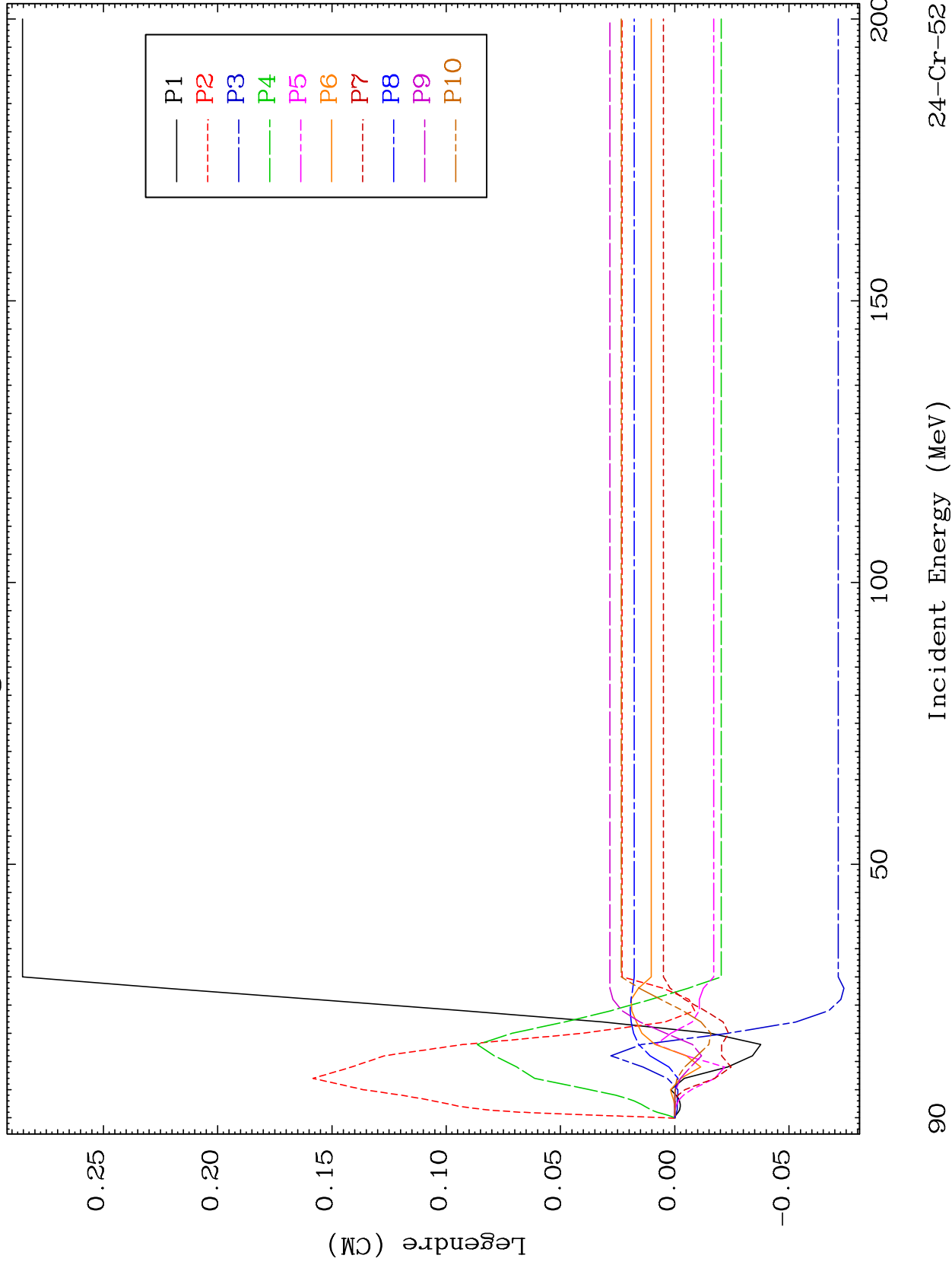
24-Cr-52



MAT 2431

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

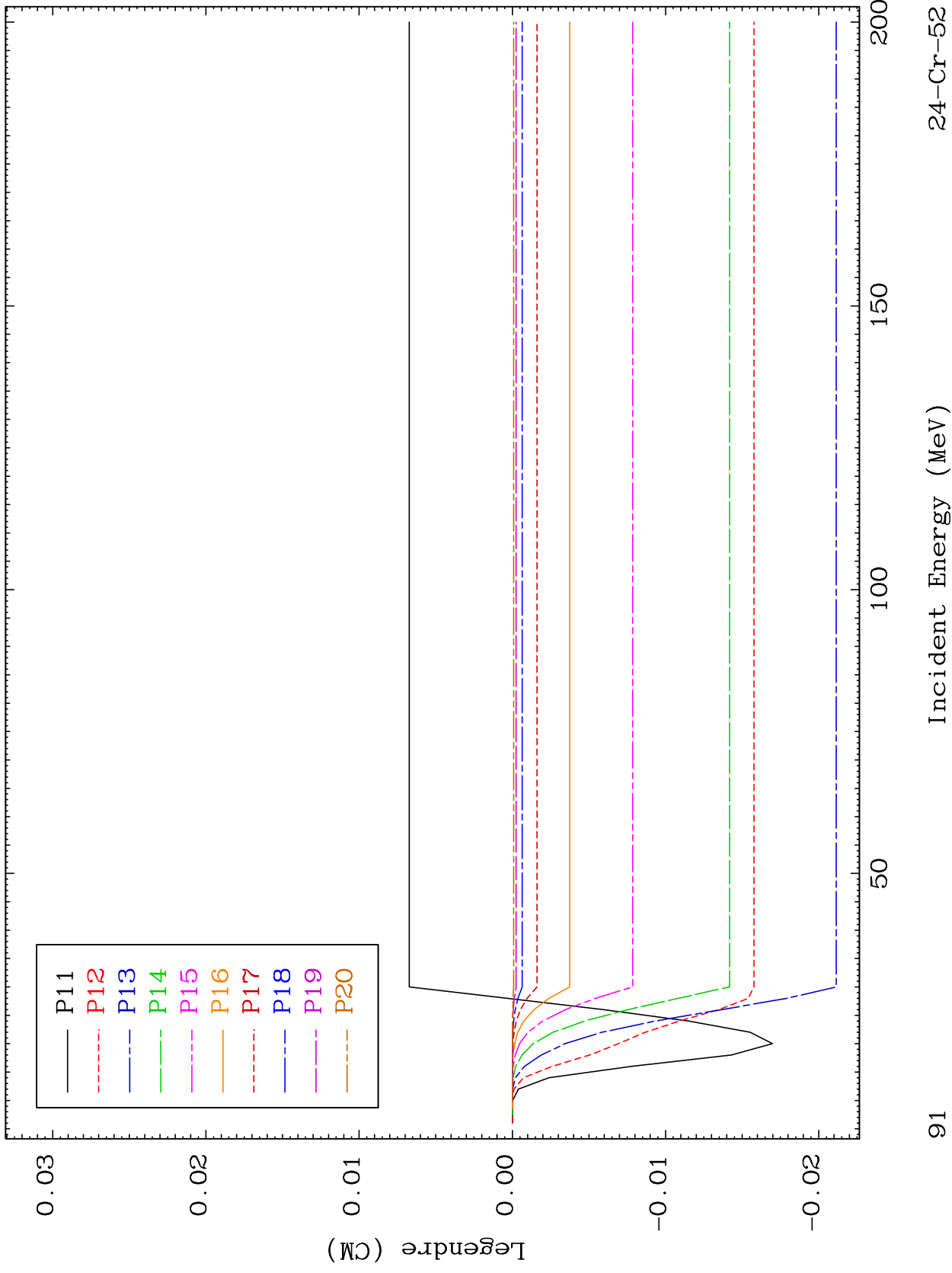
24-Cr-52

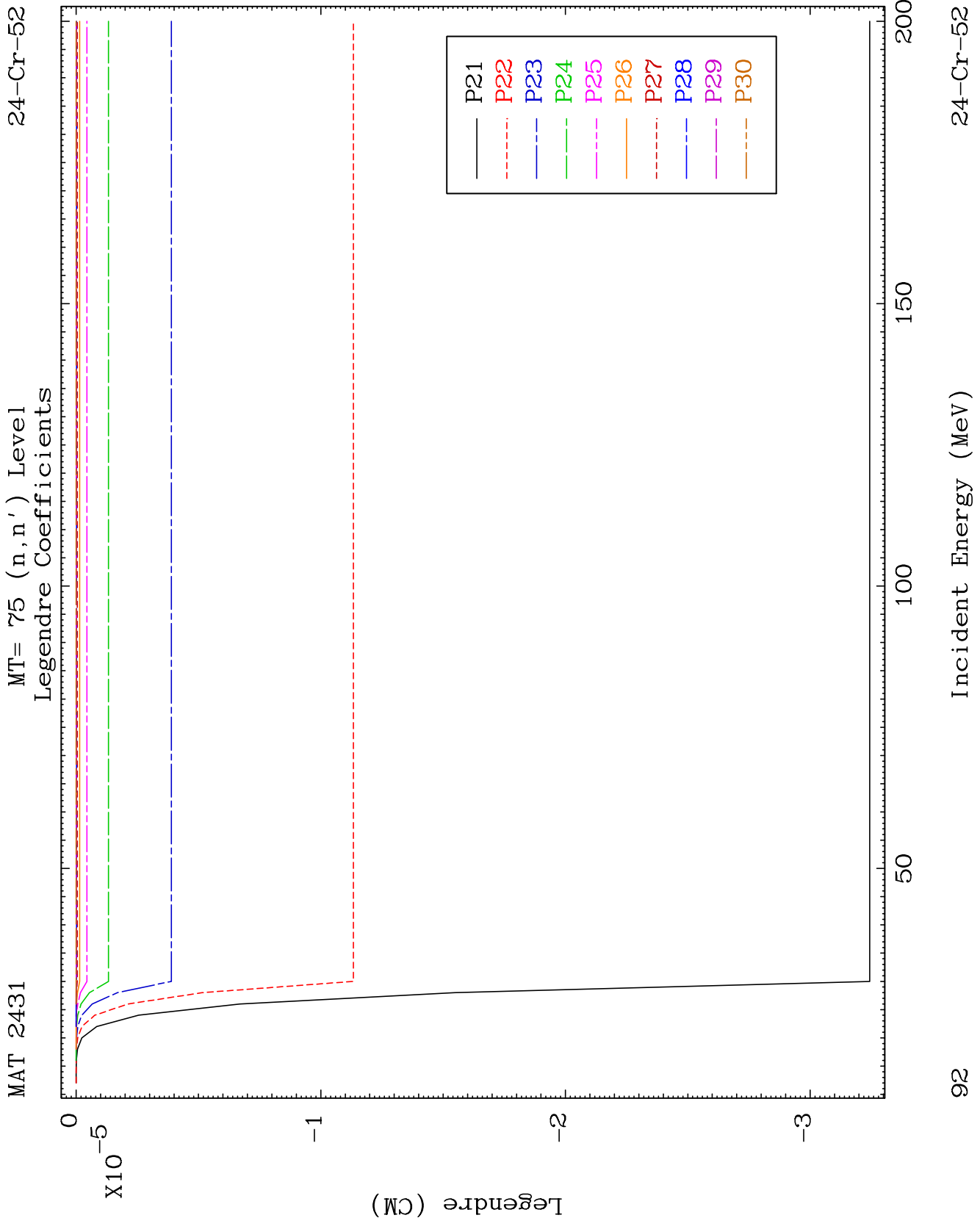


MAT 2431

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

24-Cr-52

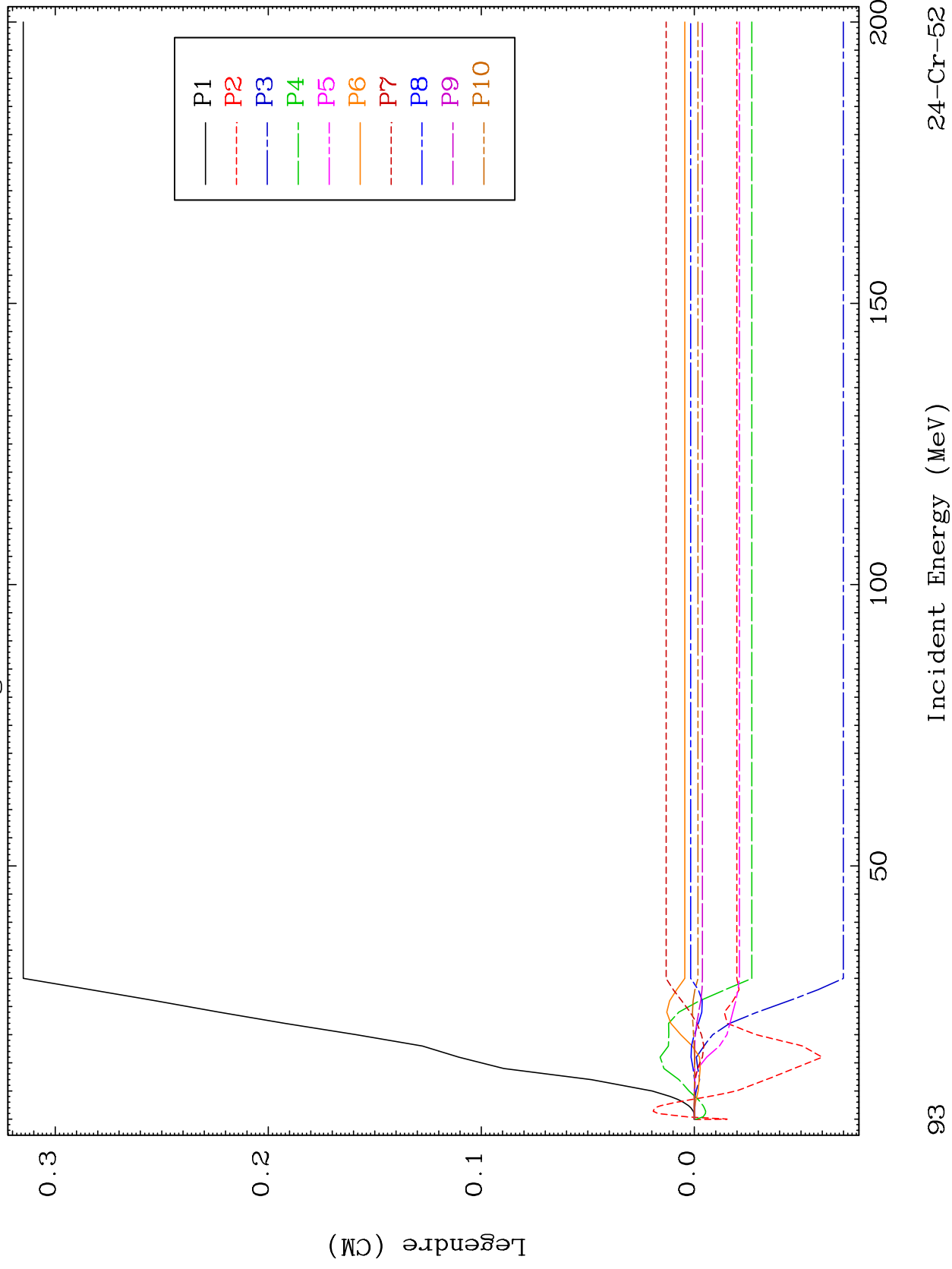




MAT 2431

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

24-Cr-52



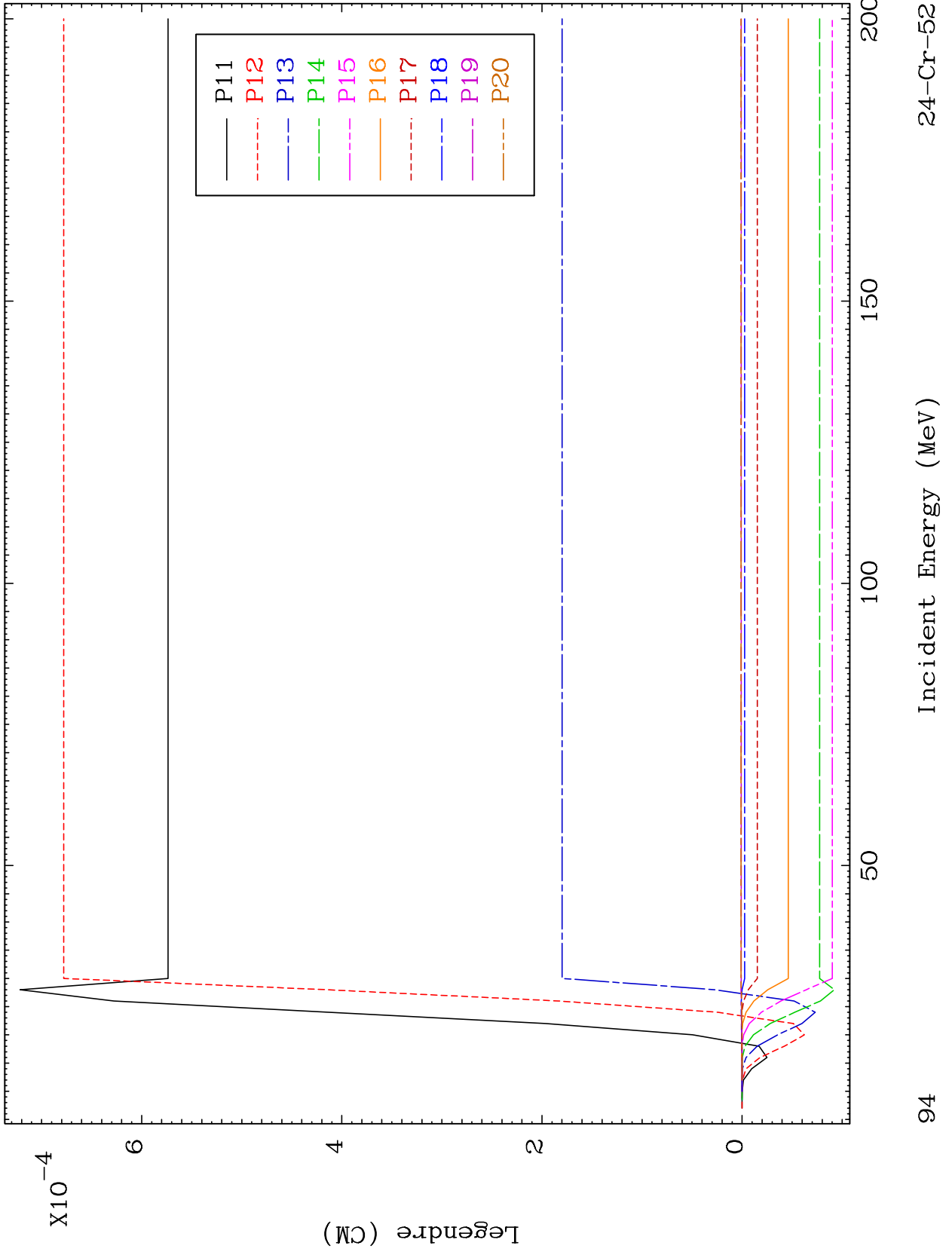
93

24-Cr-52

MAT 2431

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

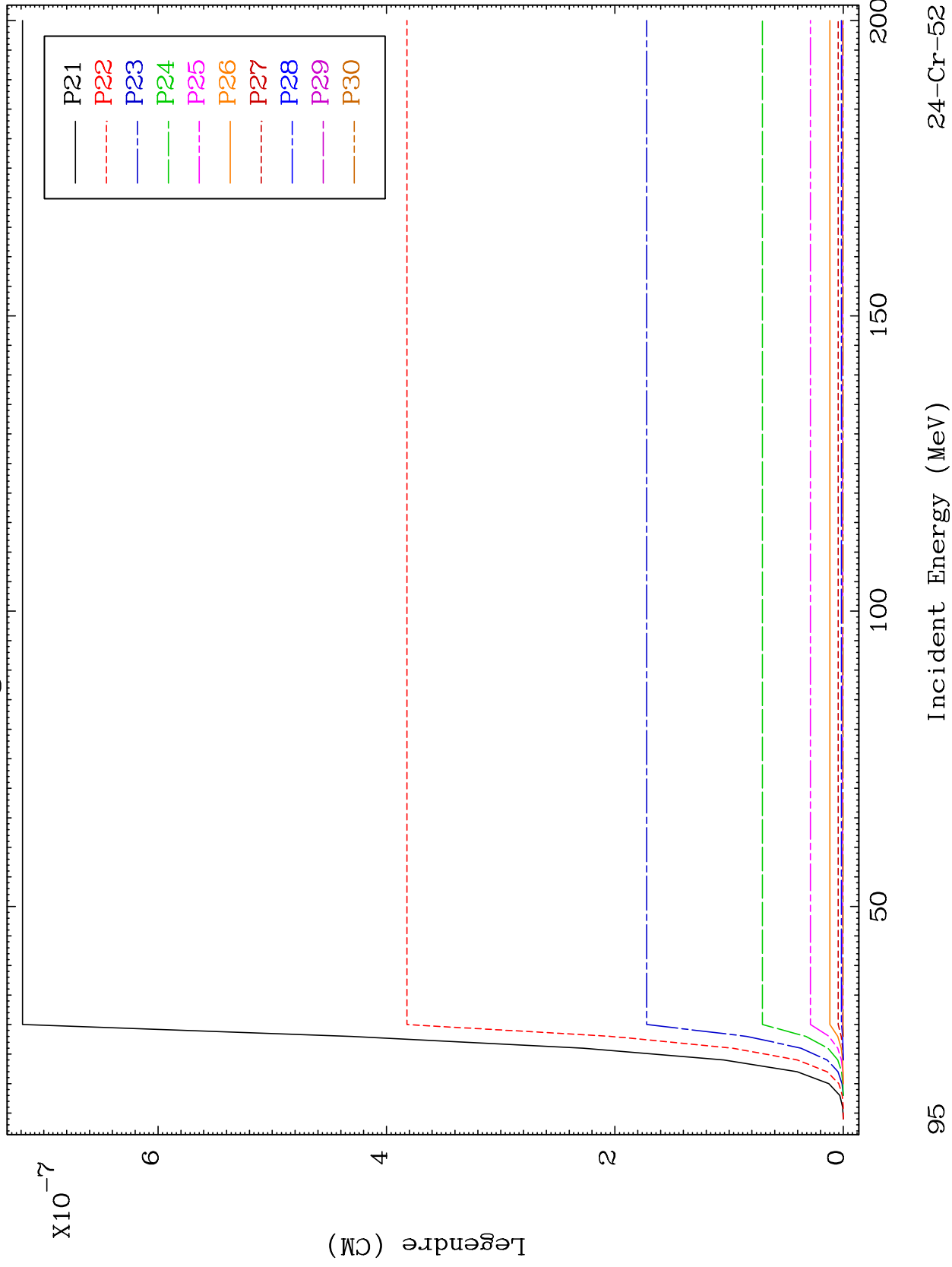
24-Cr-52

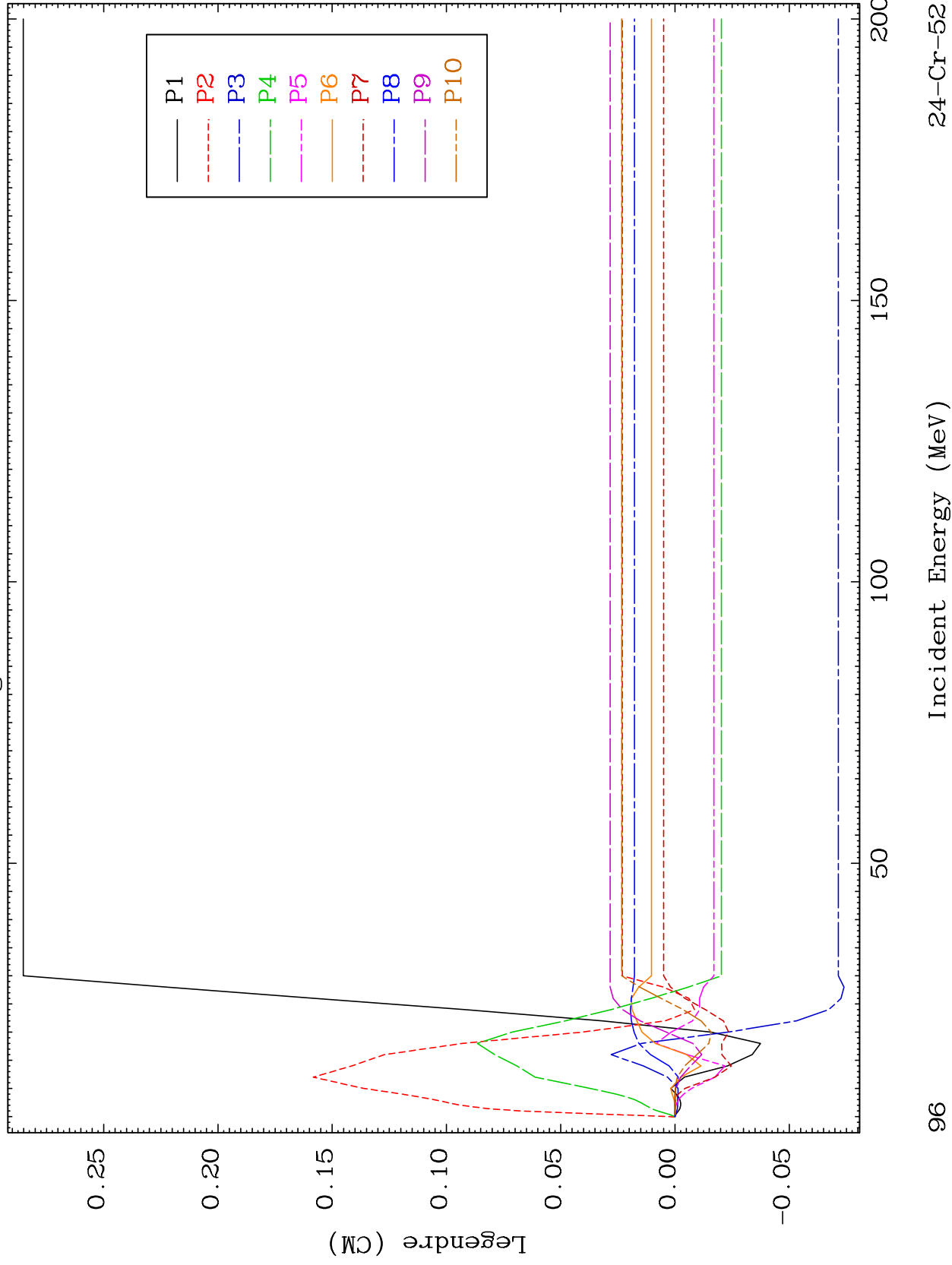


MAT 2431

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

24-Cr-52

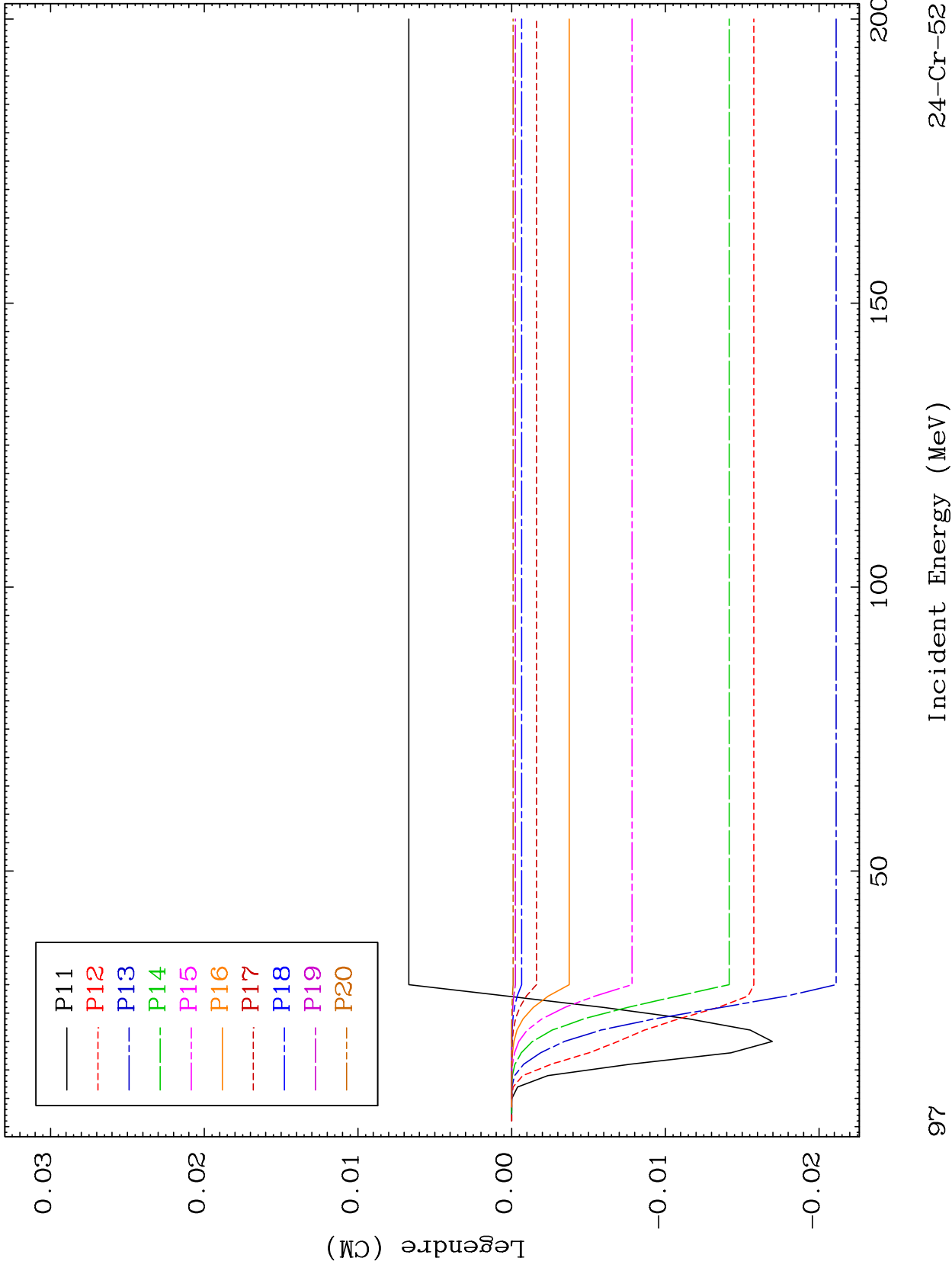




MAT 2431

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

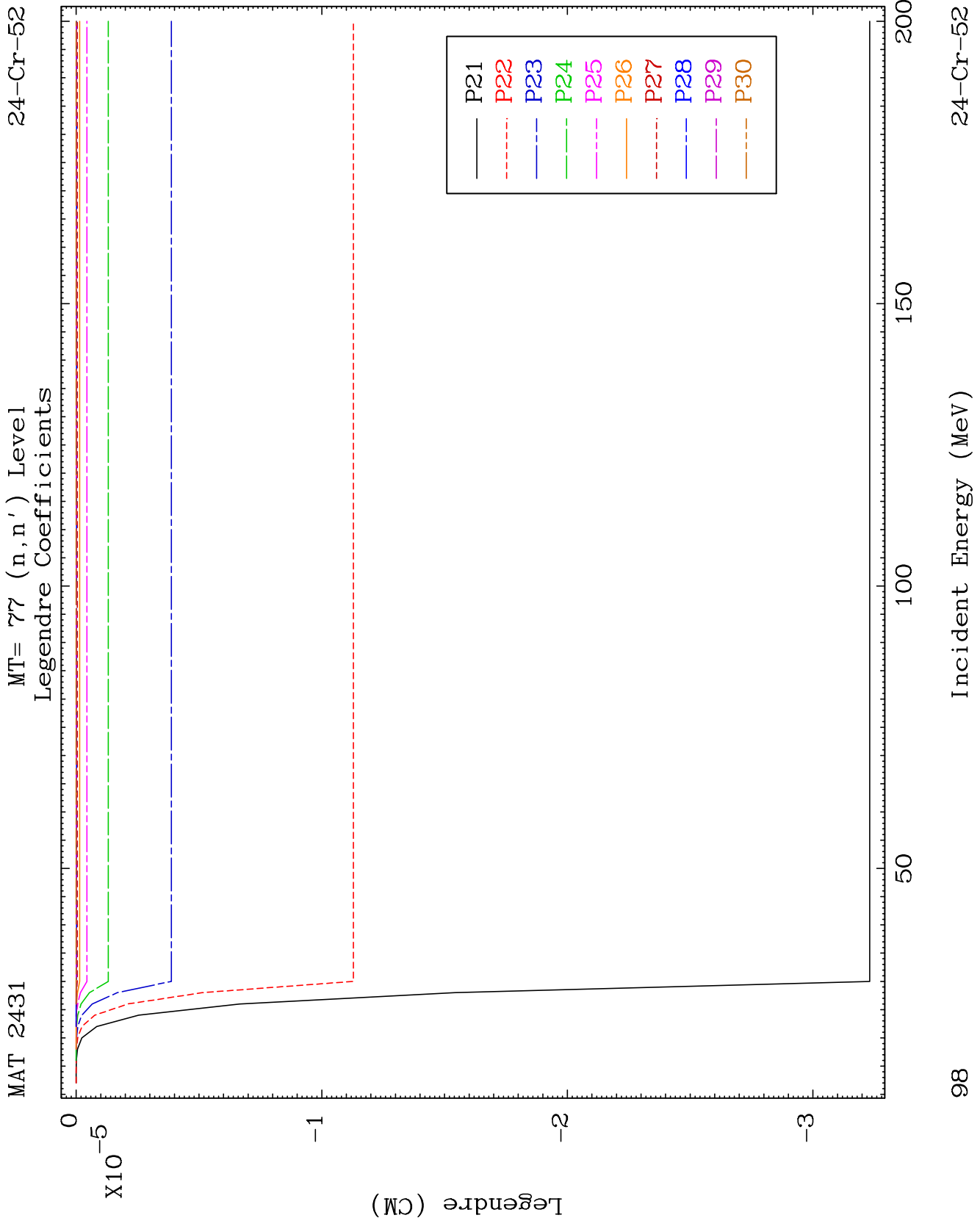
24-Cr-52



97

Incident Energy (MeV)

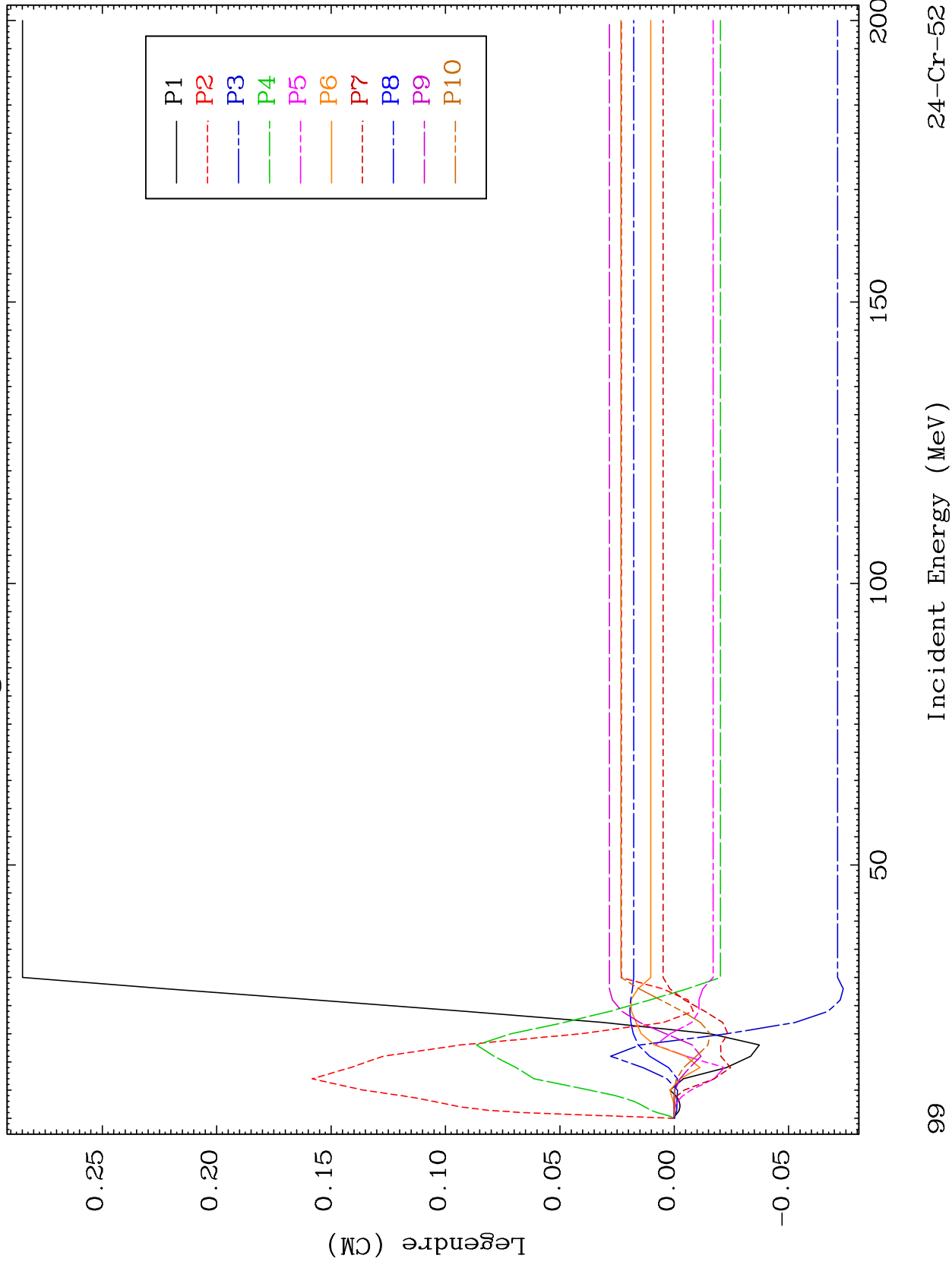
24-Cr-52



MAT 2431

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

24-Cr-52



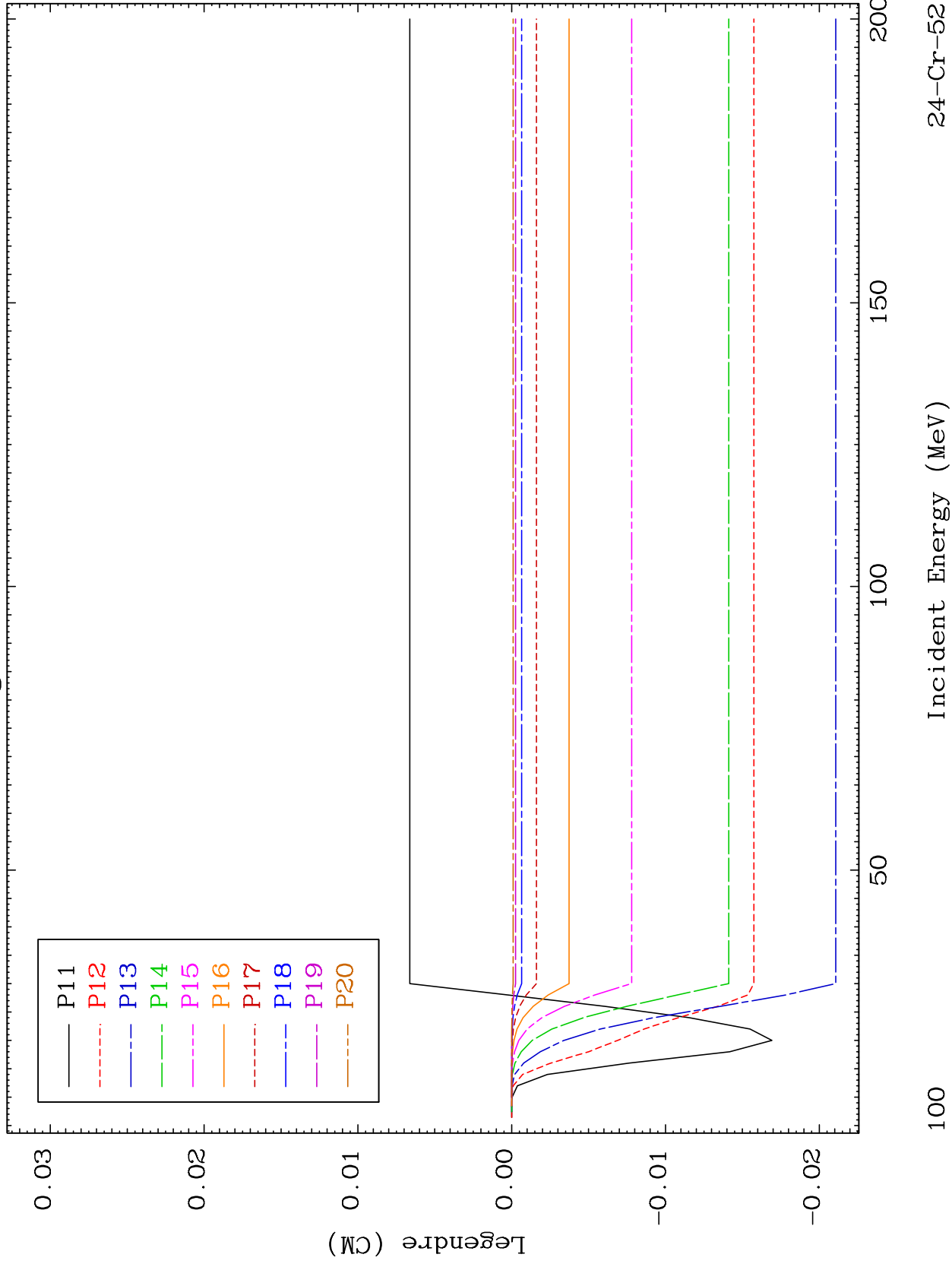
99

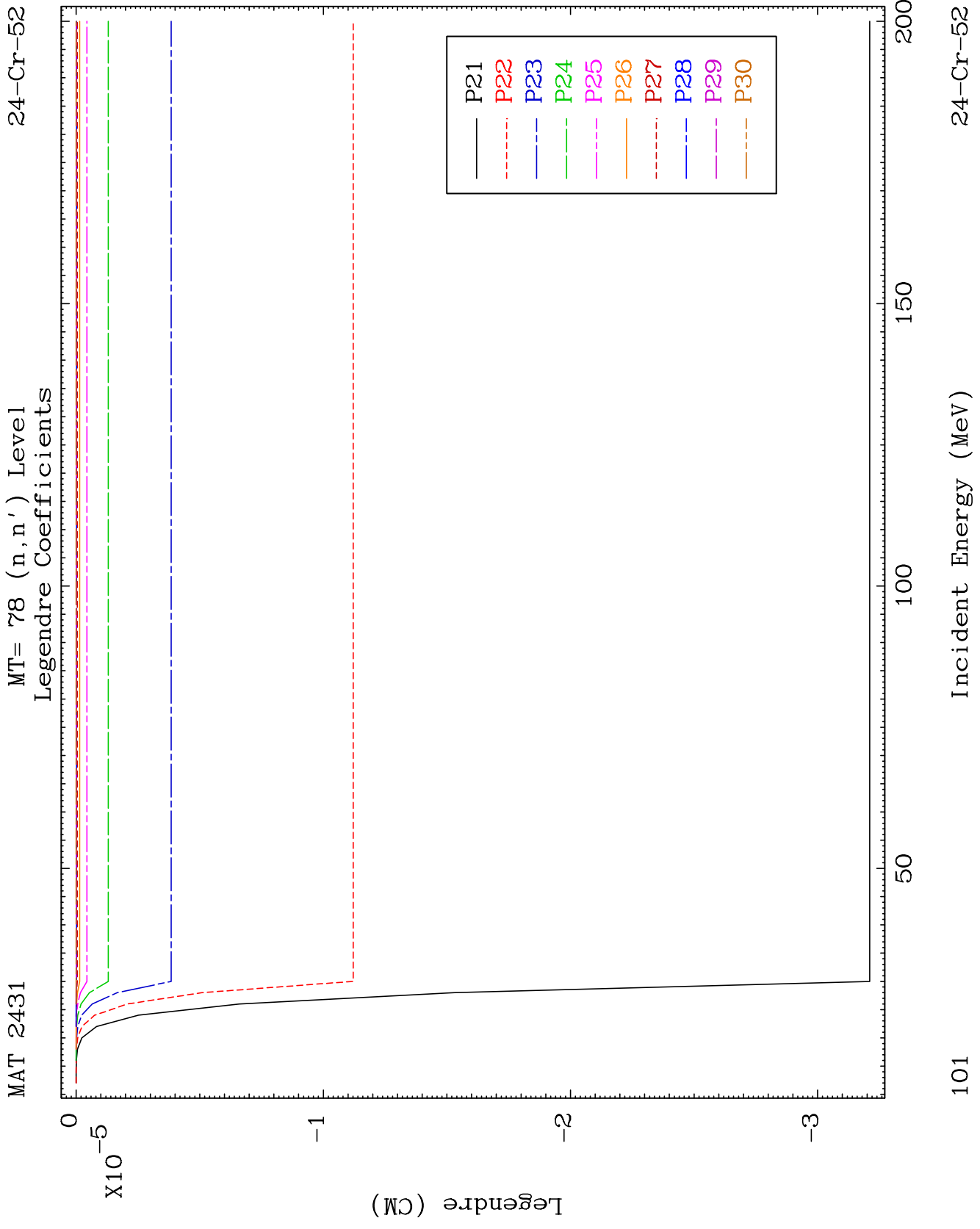
24-Cr-52

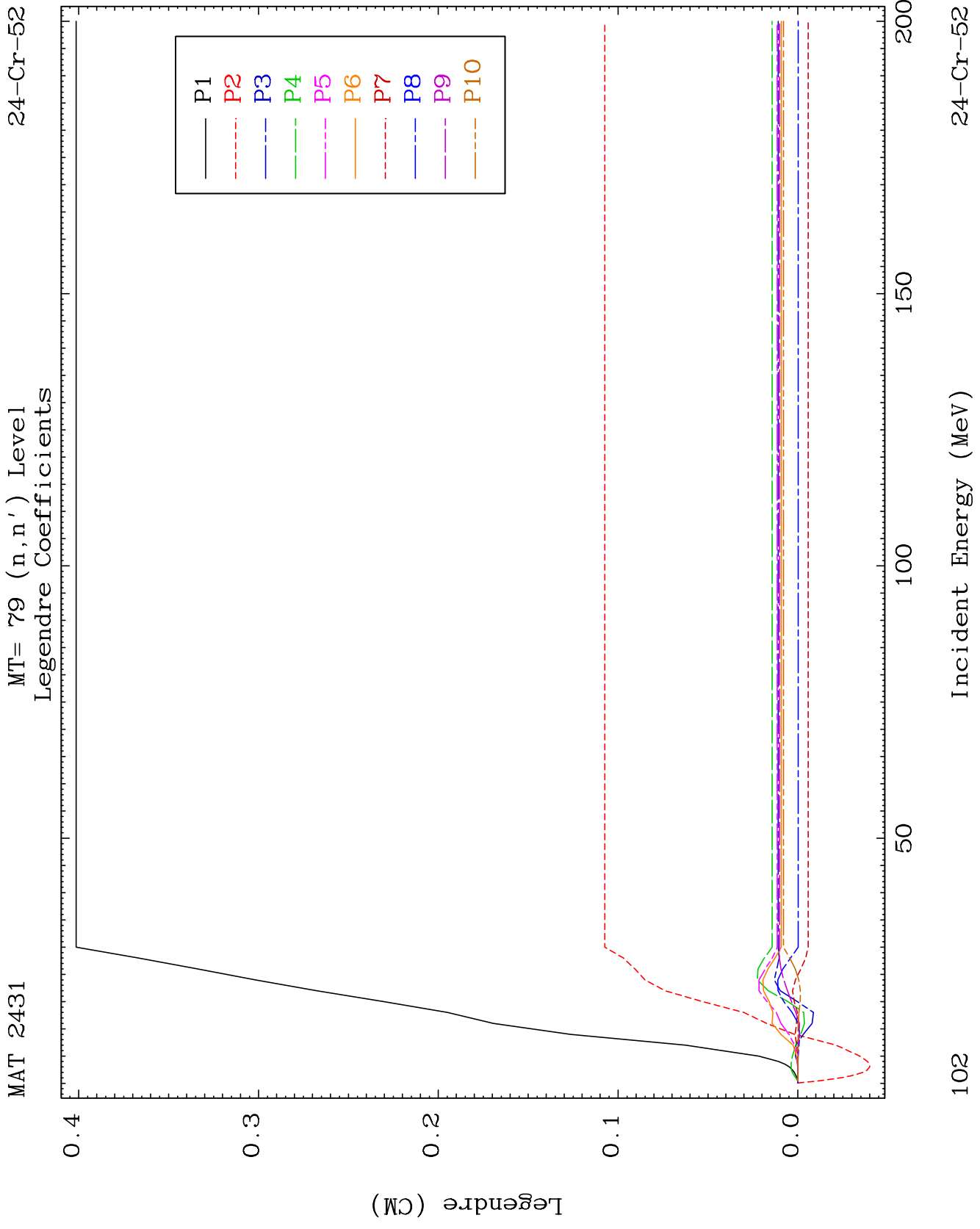
MAT 2431

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

24-Cr-52



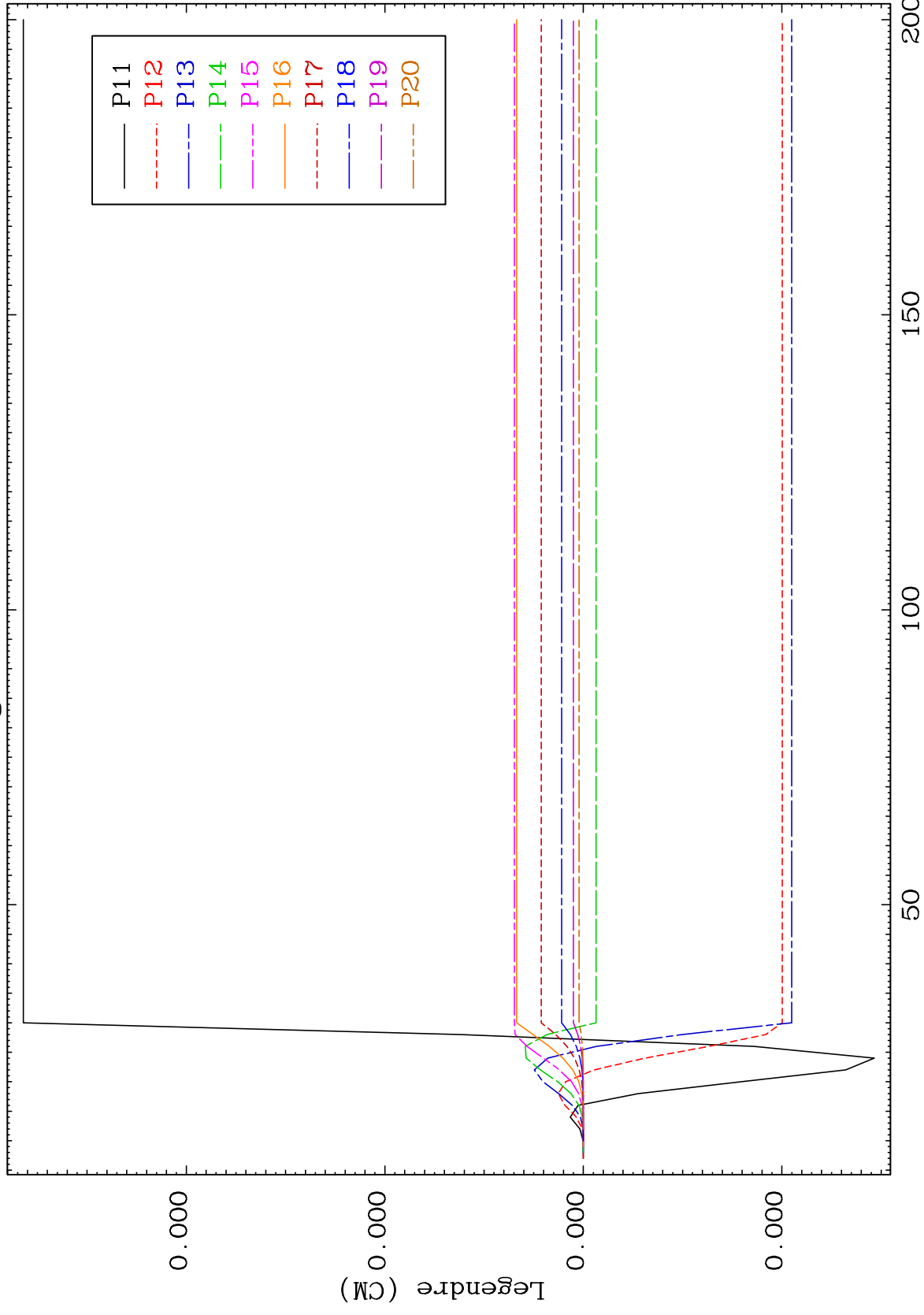




MAT 2431

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

24-Cr-52



103

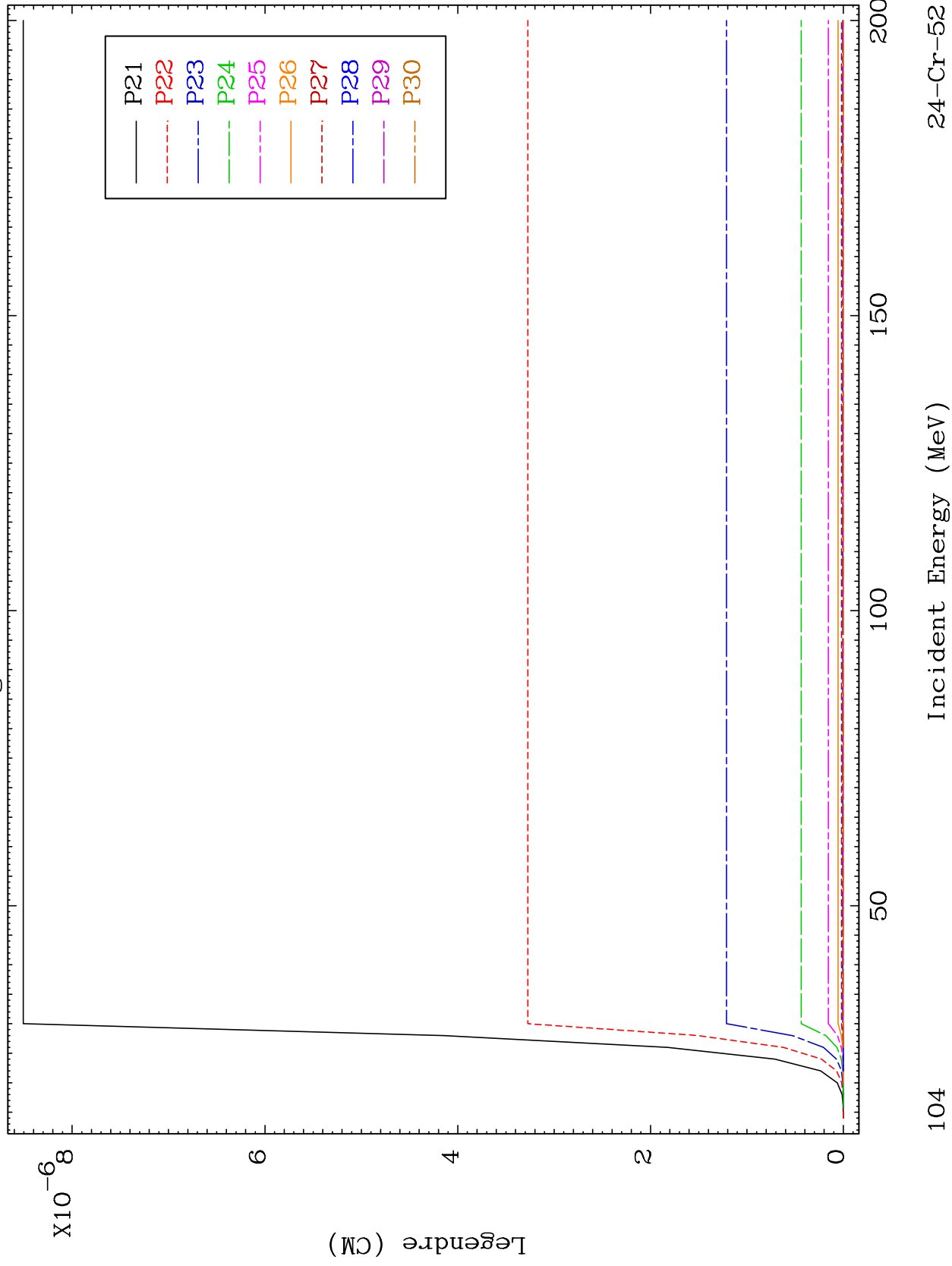
Incident Energy (MeV)

24-Cr-52

MAT 2431

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

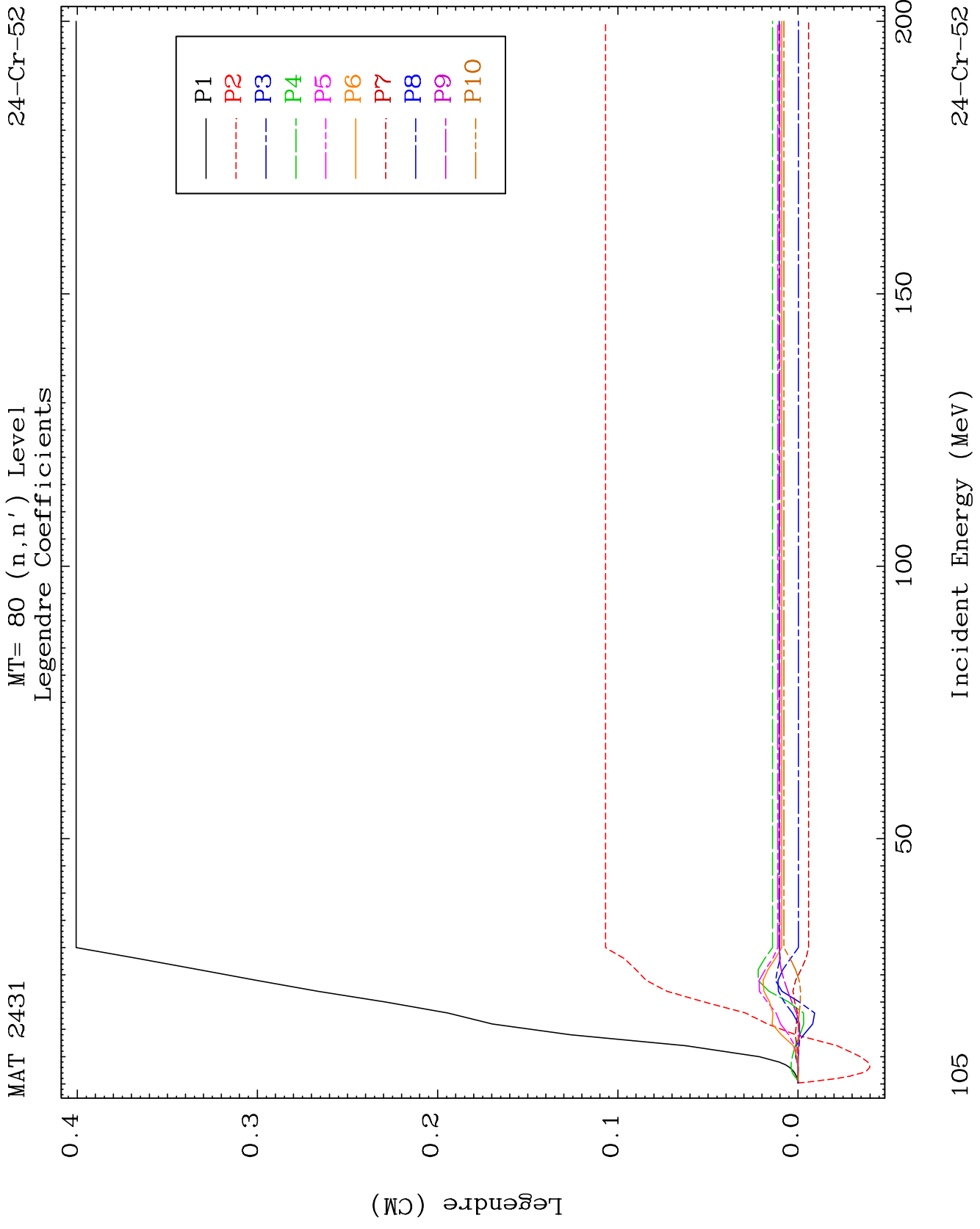
24-Cr-52



104

Incident Energy (MeV)

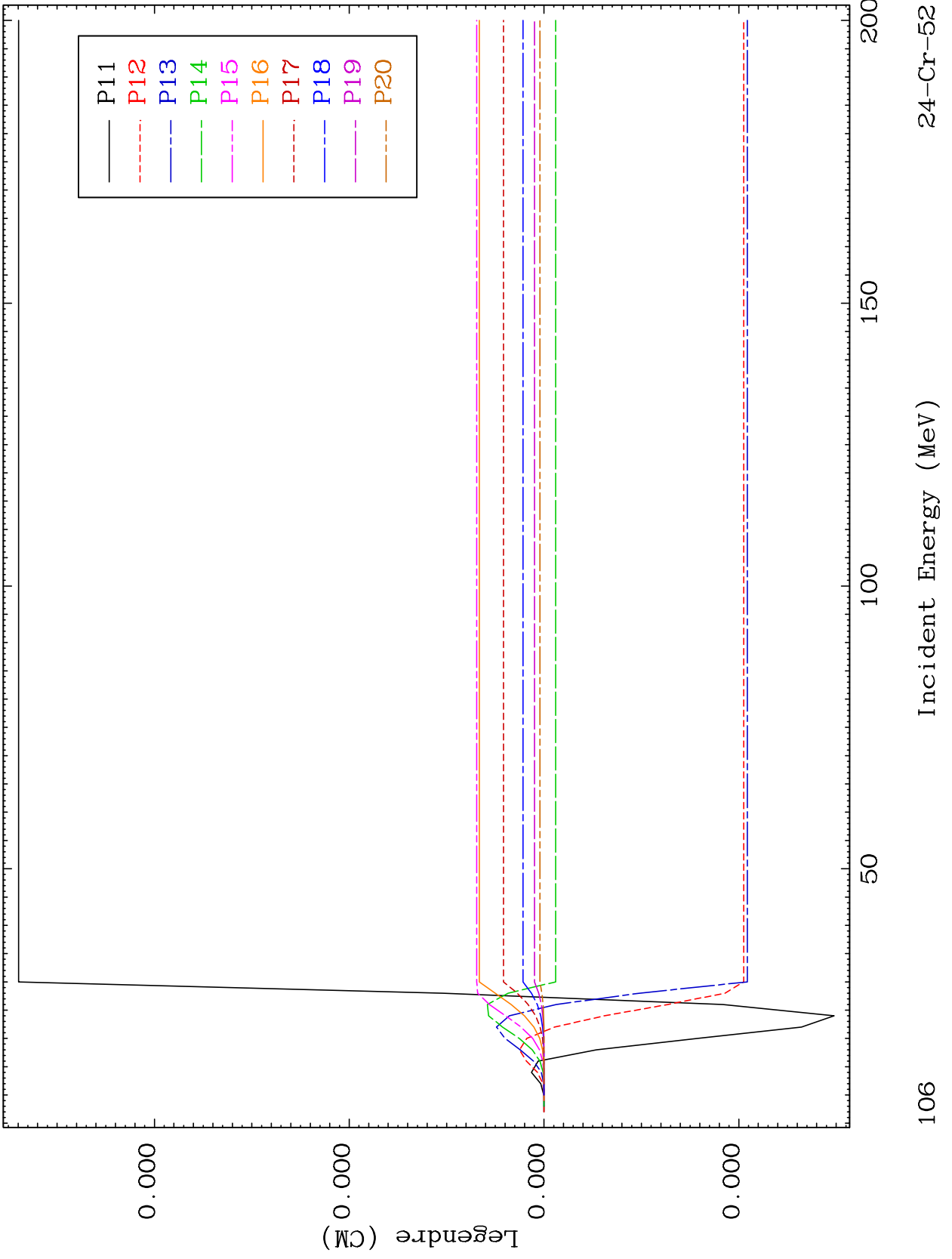
24-Cr-52



MAT 2431

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

24-Cr-52



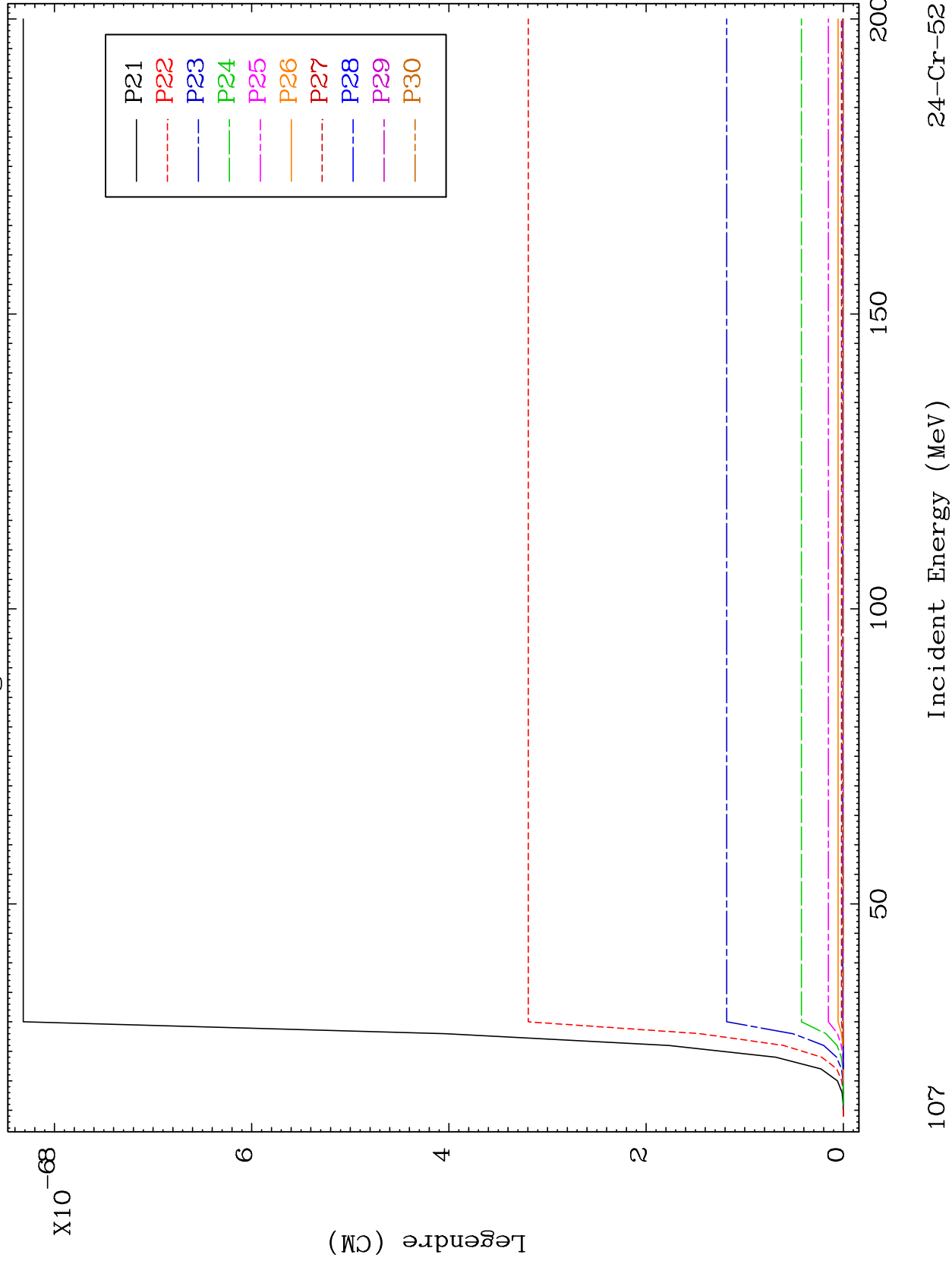
106

24-Cr-52

MAT 2431

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

24-Cr-52

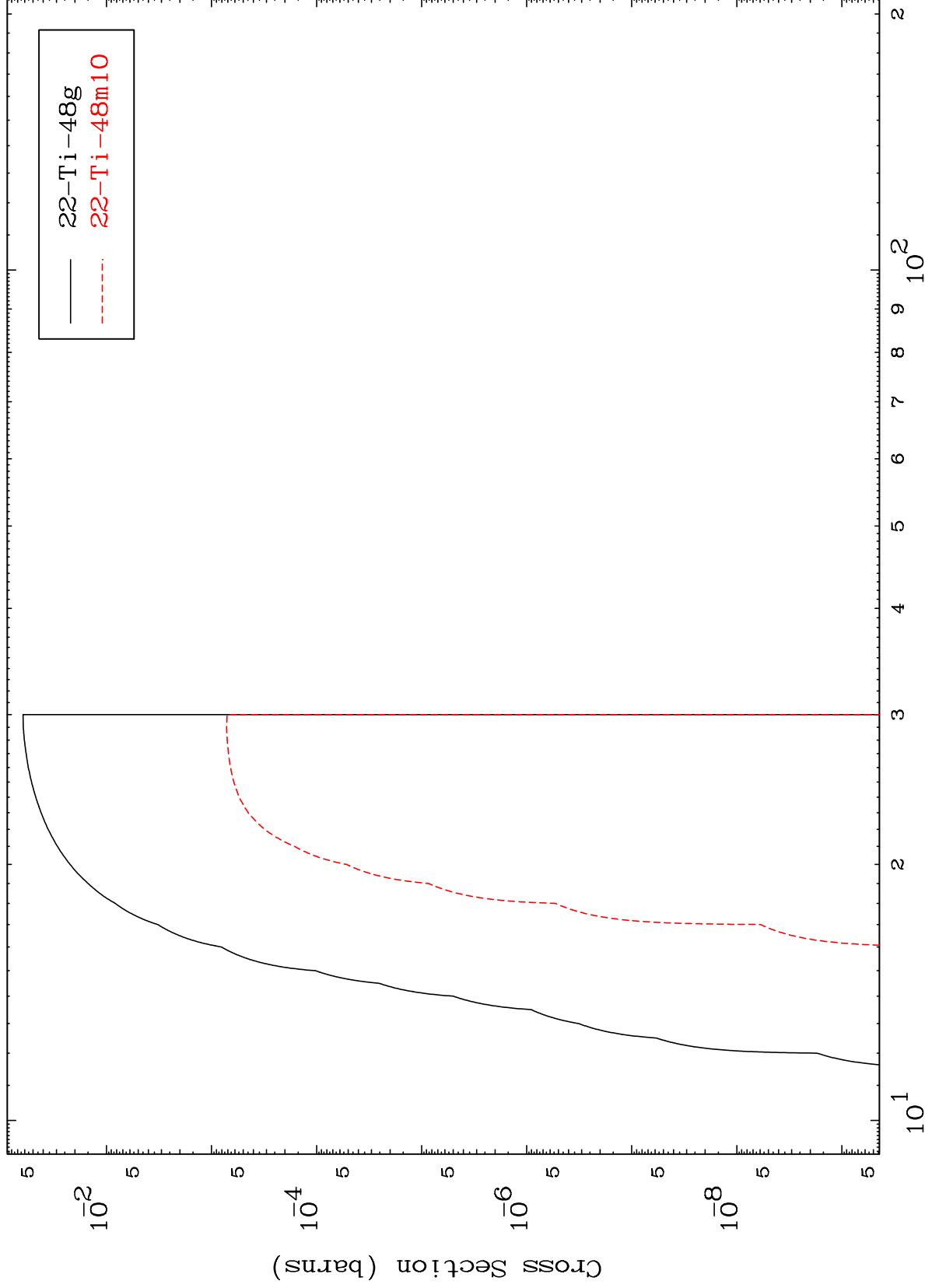


MAT 2431

$(n, n') \alpha$

24-Cr-52

Radionuclide Production Cross Section



Incident Energy (MeV)

24-Cr-52