

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

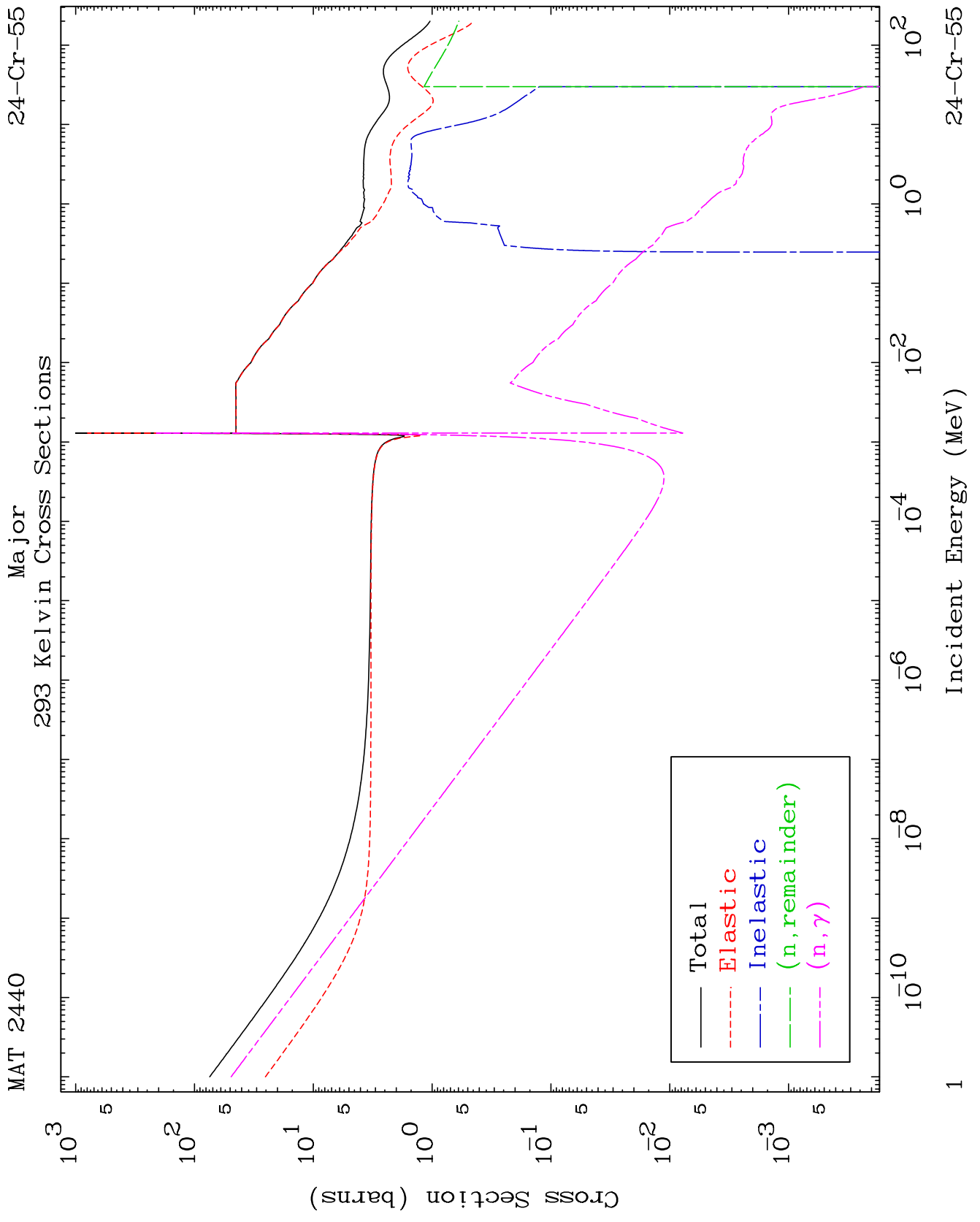
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

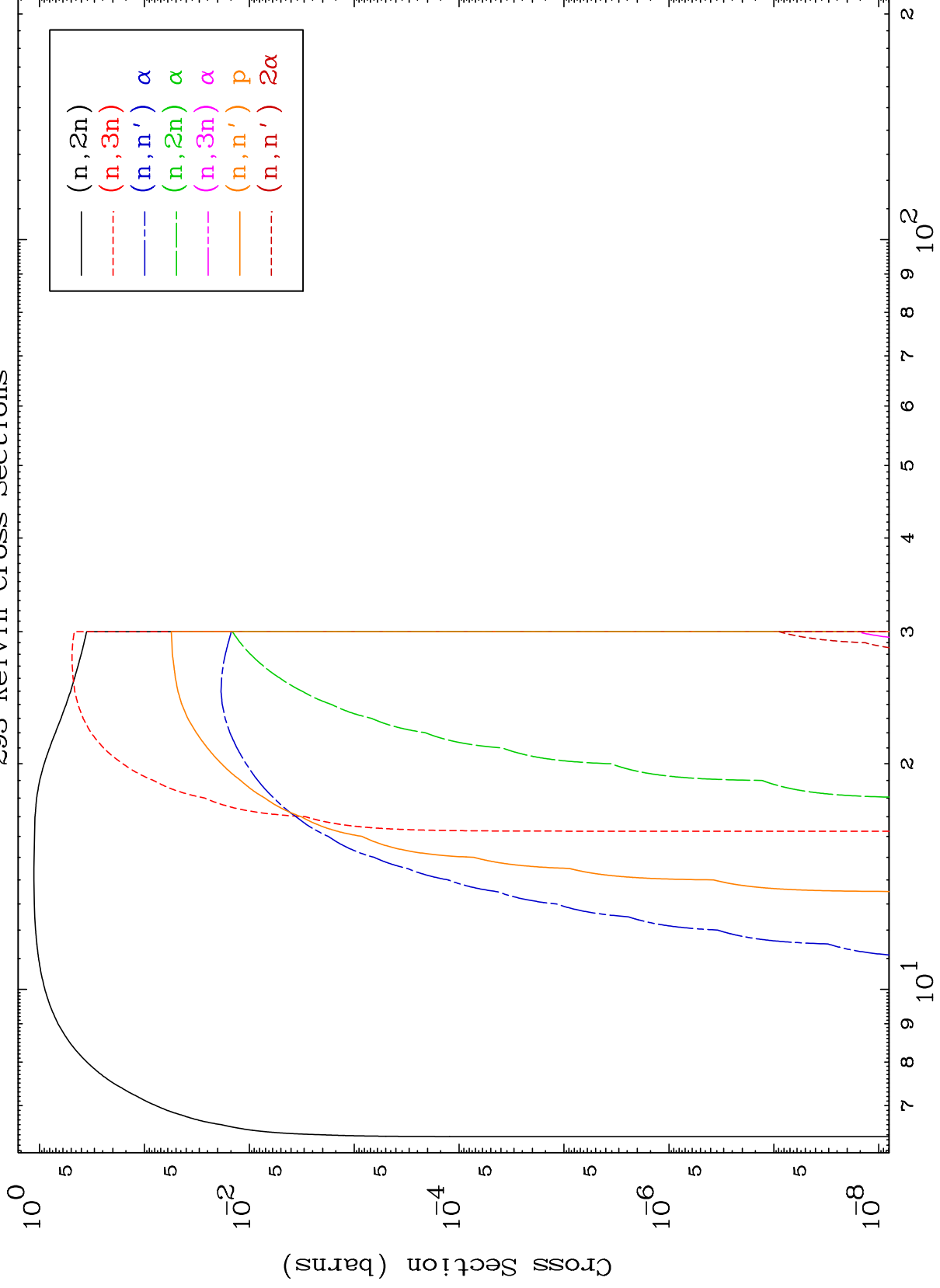
Press Mouse Button to Start

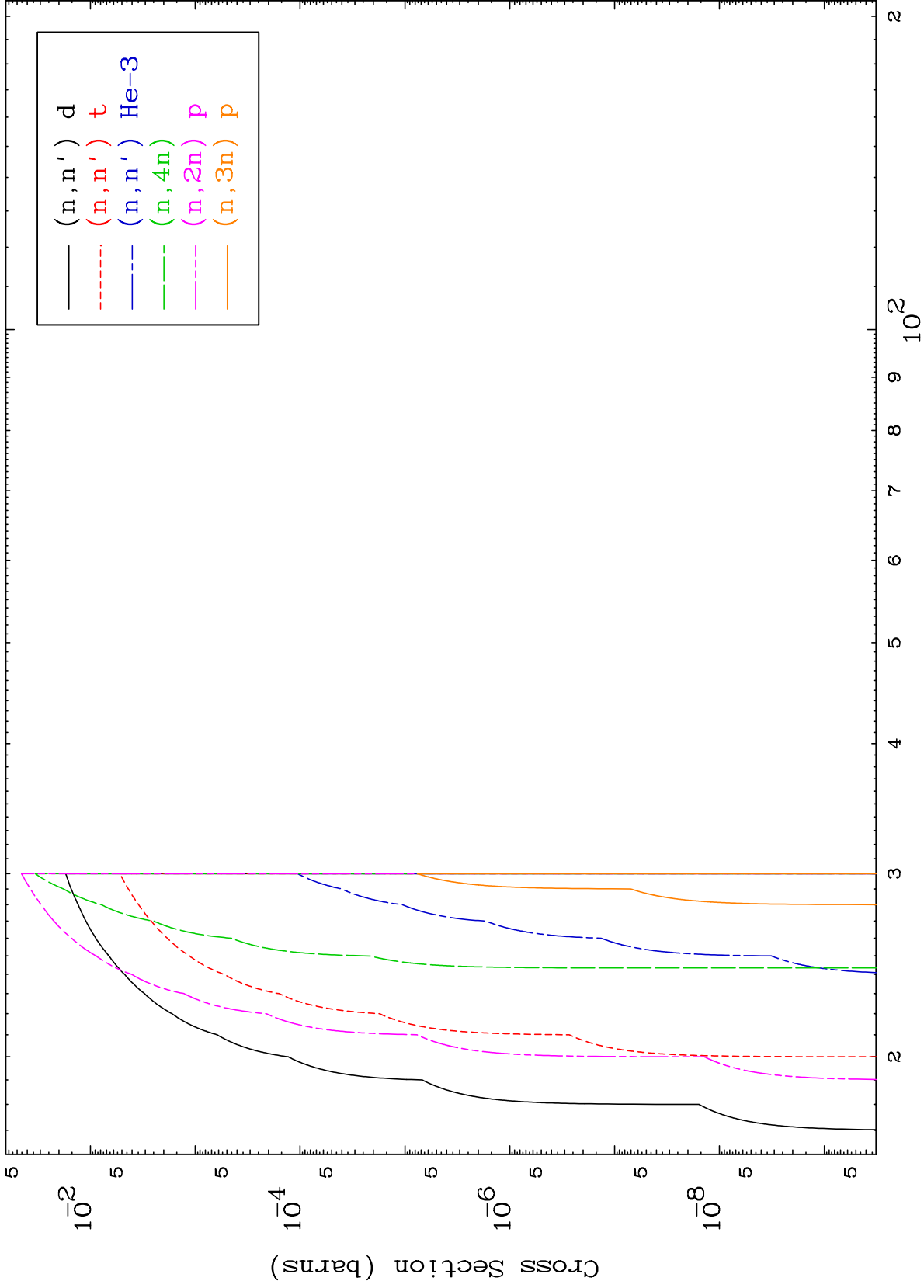


MAT 2440

Neutron Production
293 Kelvin Cross Sections

24-Cr-55

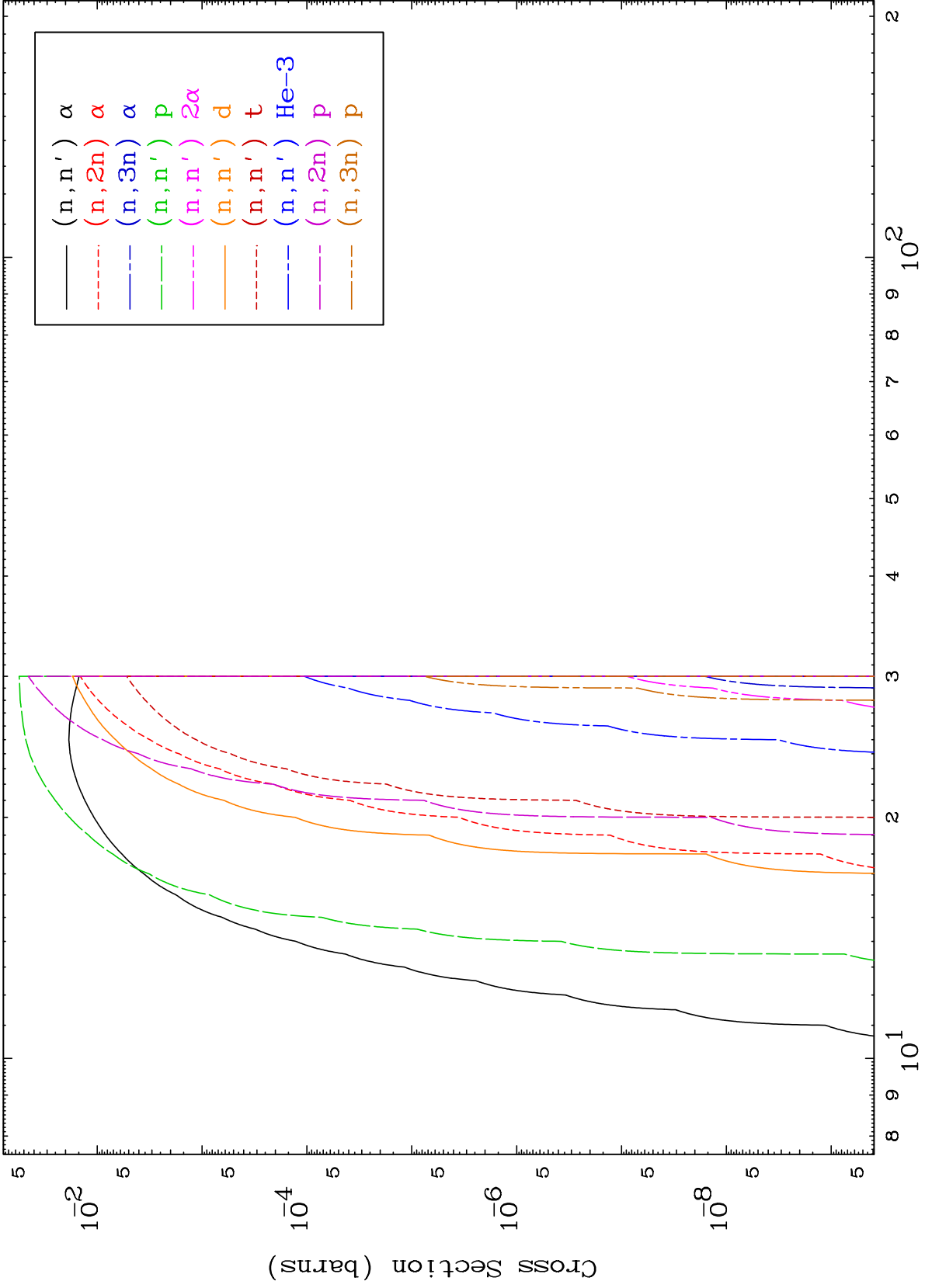




MAT 2440

Charged Particle
293 Kelvin Cross Sections

24-Cr-55



4

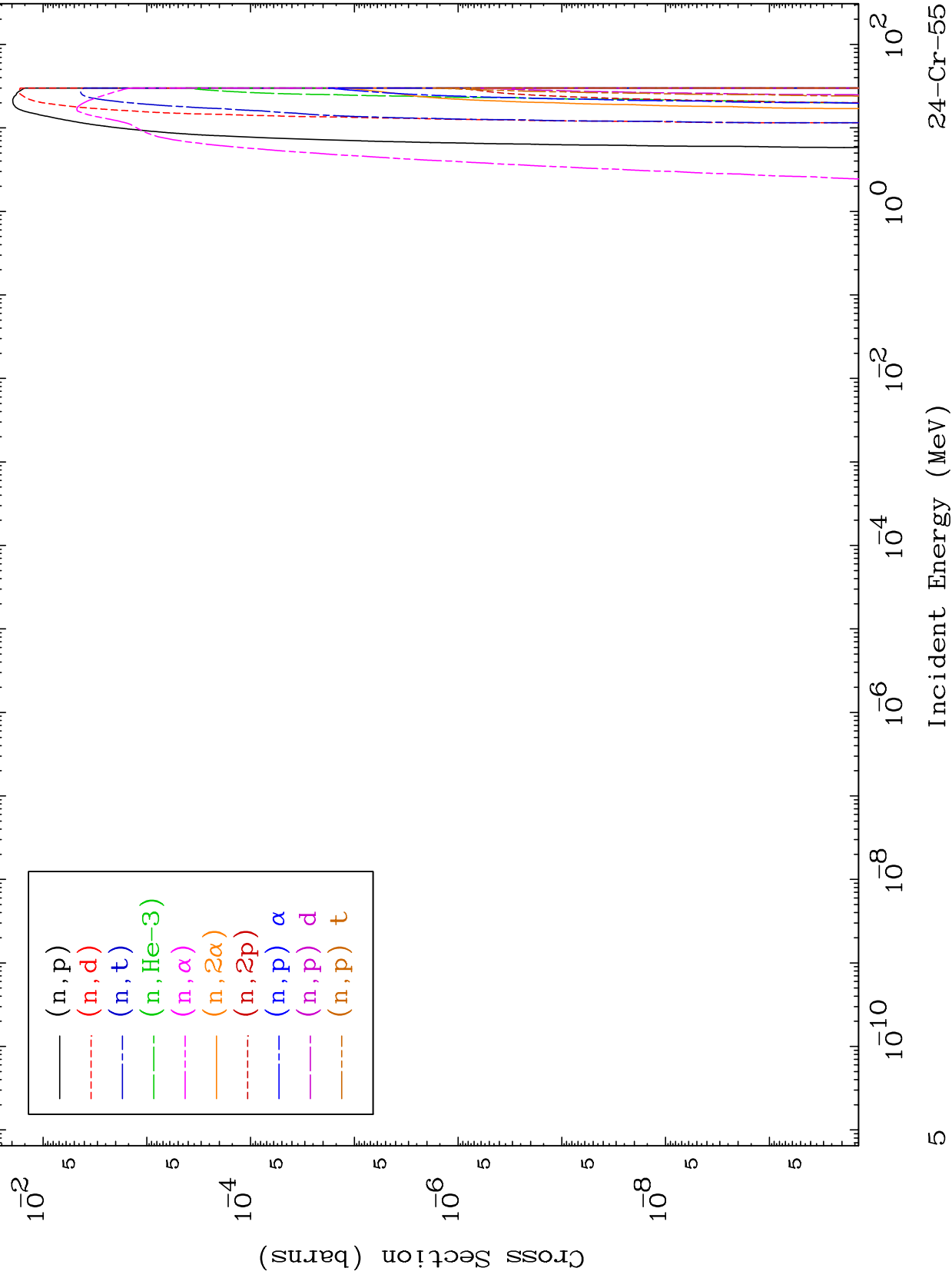
Incident Energy (MeV)

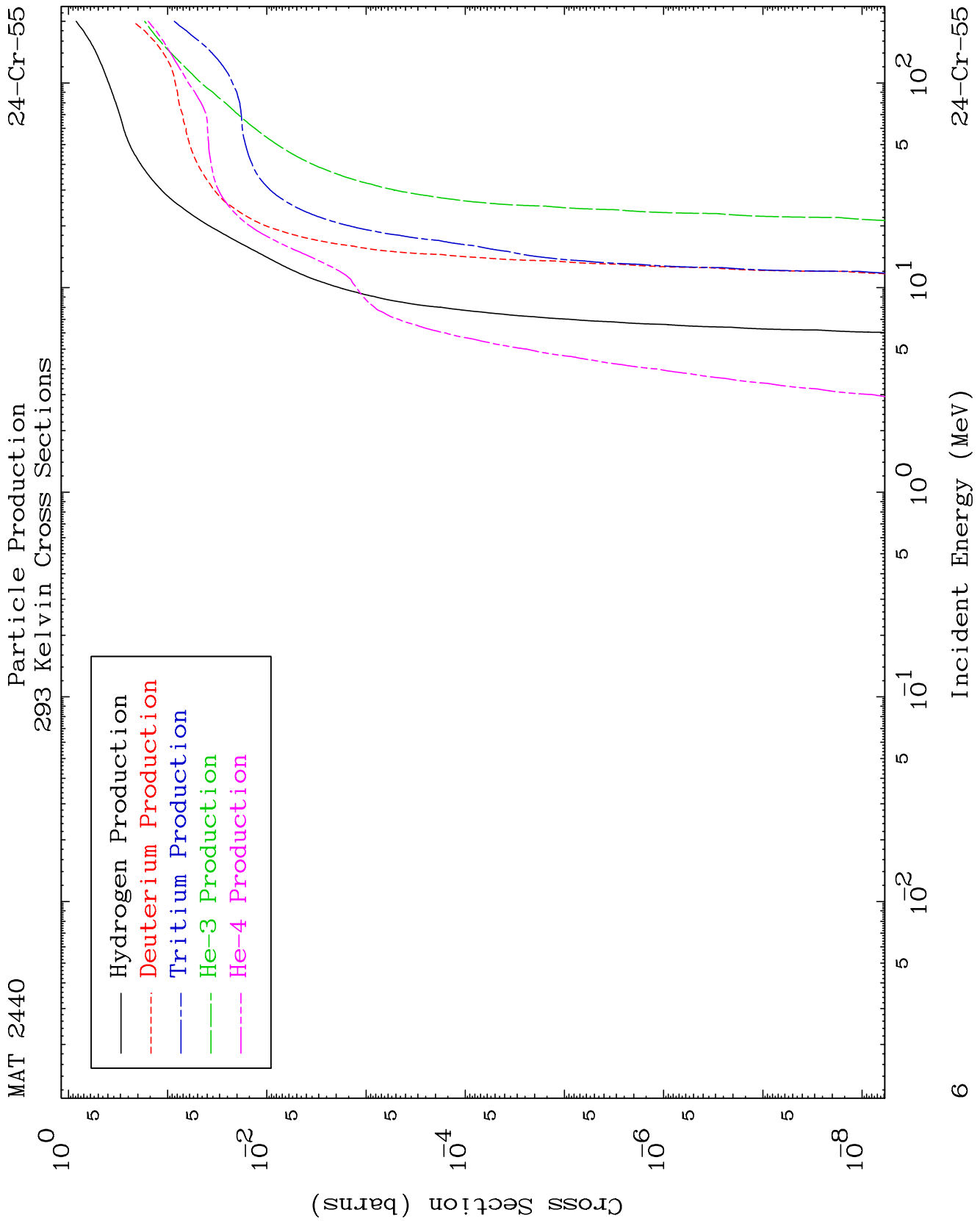
24-Cr-55

MAT 2440

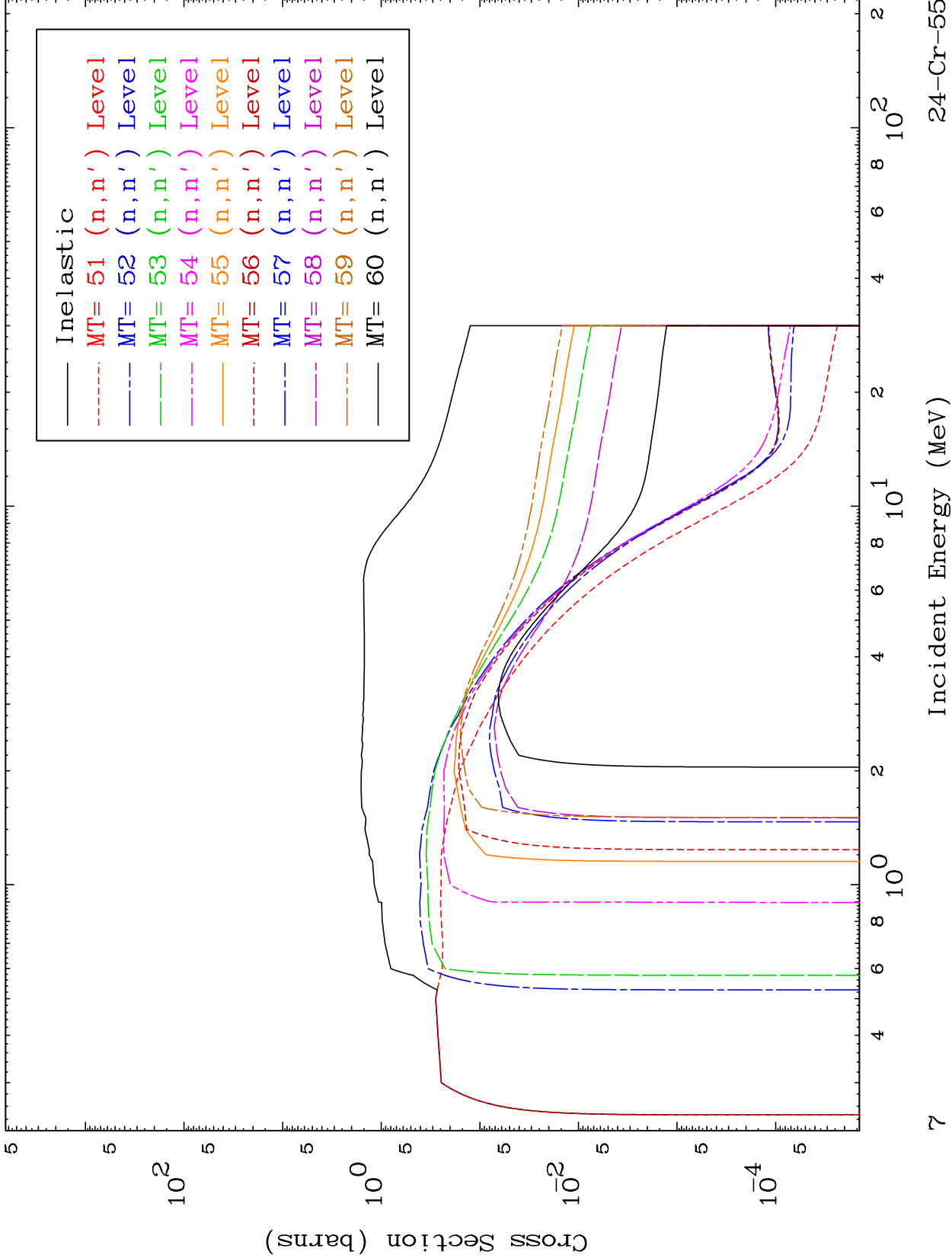
Charged Particle
293 Kelvin Cross Sections

24-Cr-55





293 Kelvin Cross Sections

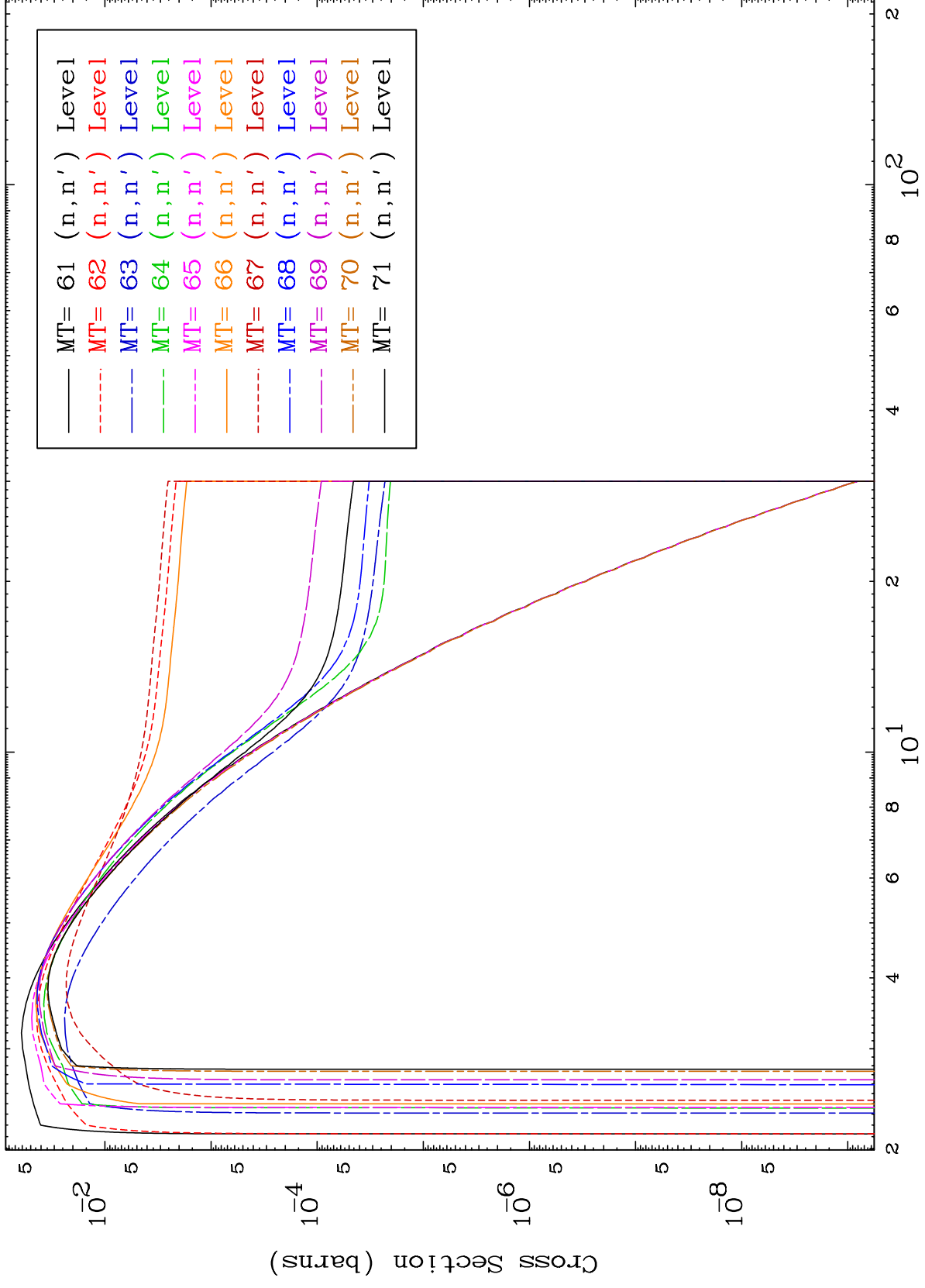


MAT 2440

(n,n') Level

293 Kelvin Cross Sections

24-Cr-55



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Incident Energy (MeV)

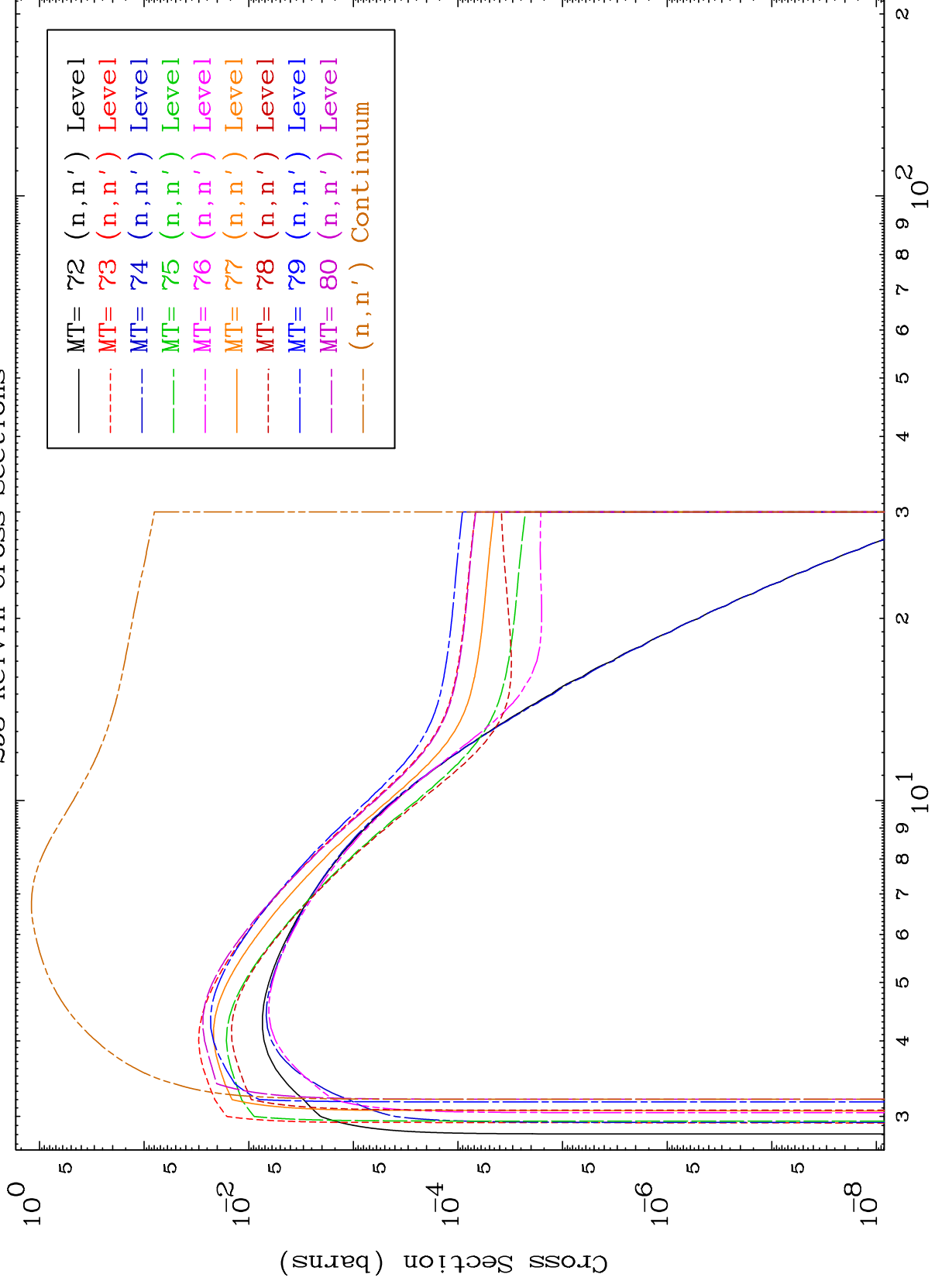
24-Cr-55

MAT 2440

(n,n') Level

293 Kelvin Cross Sections

24-Cr-55



9

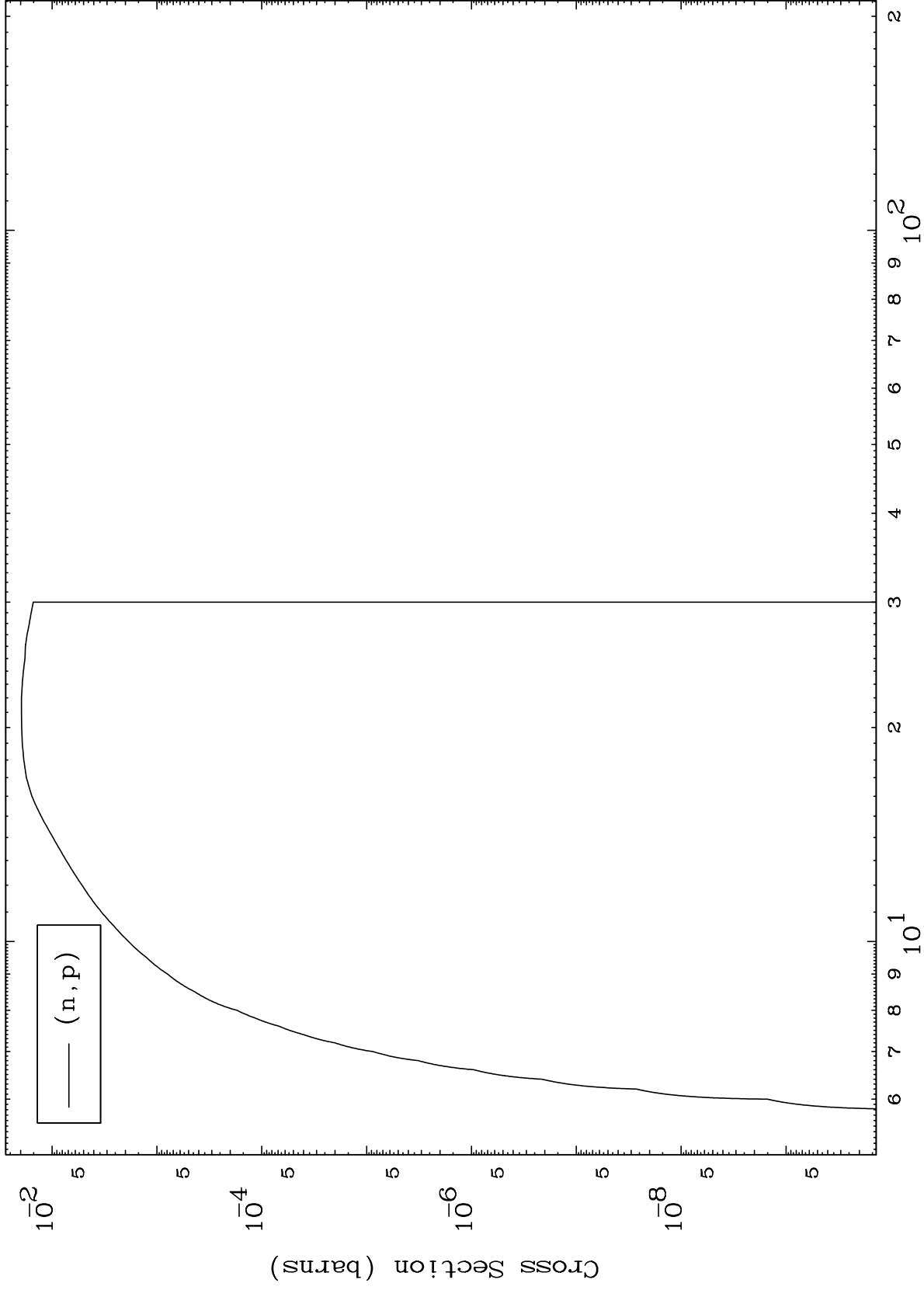
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,p) Levels
293 Kelvin Cross Sections

24-Cr-55



10

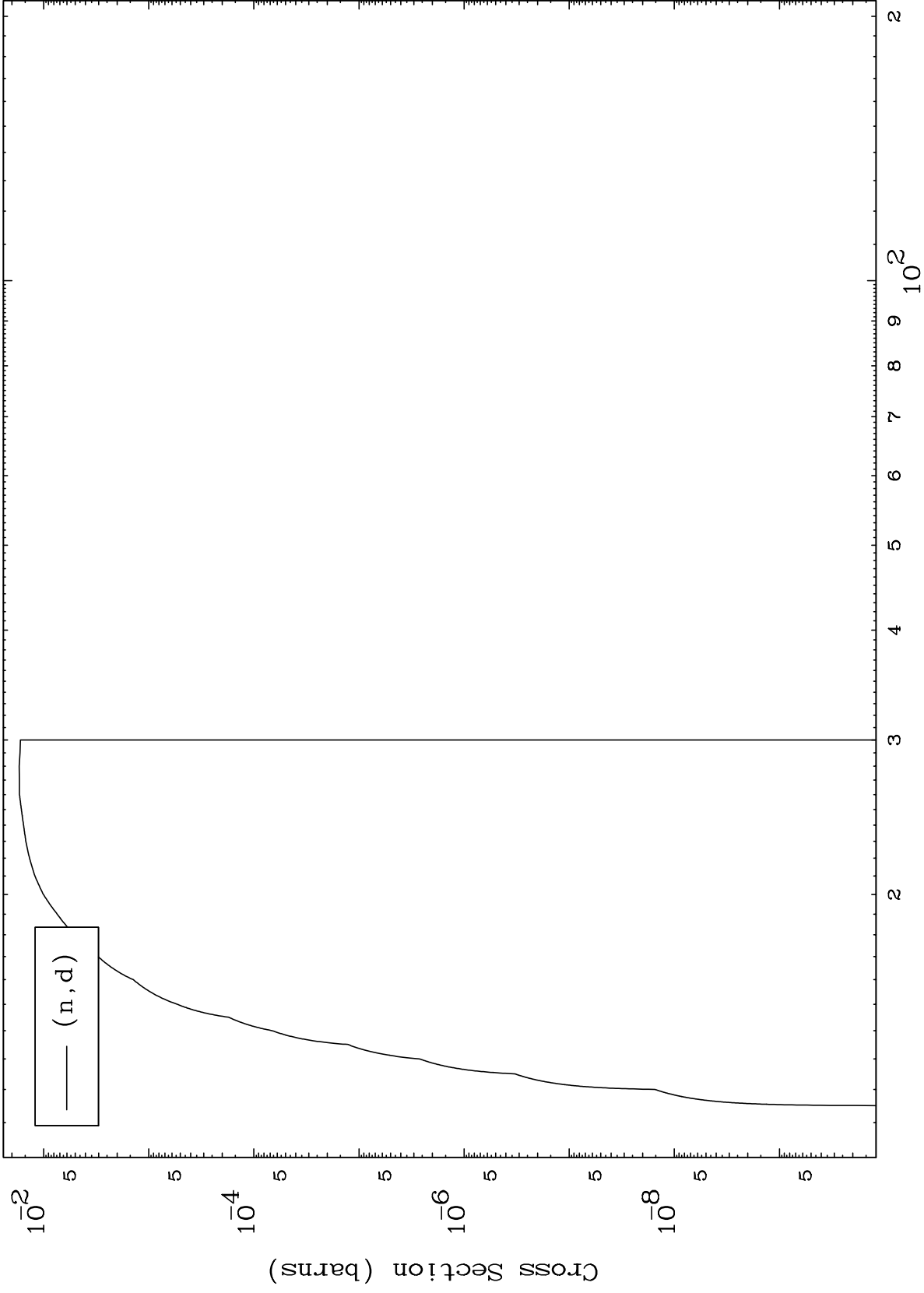
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-55



11

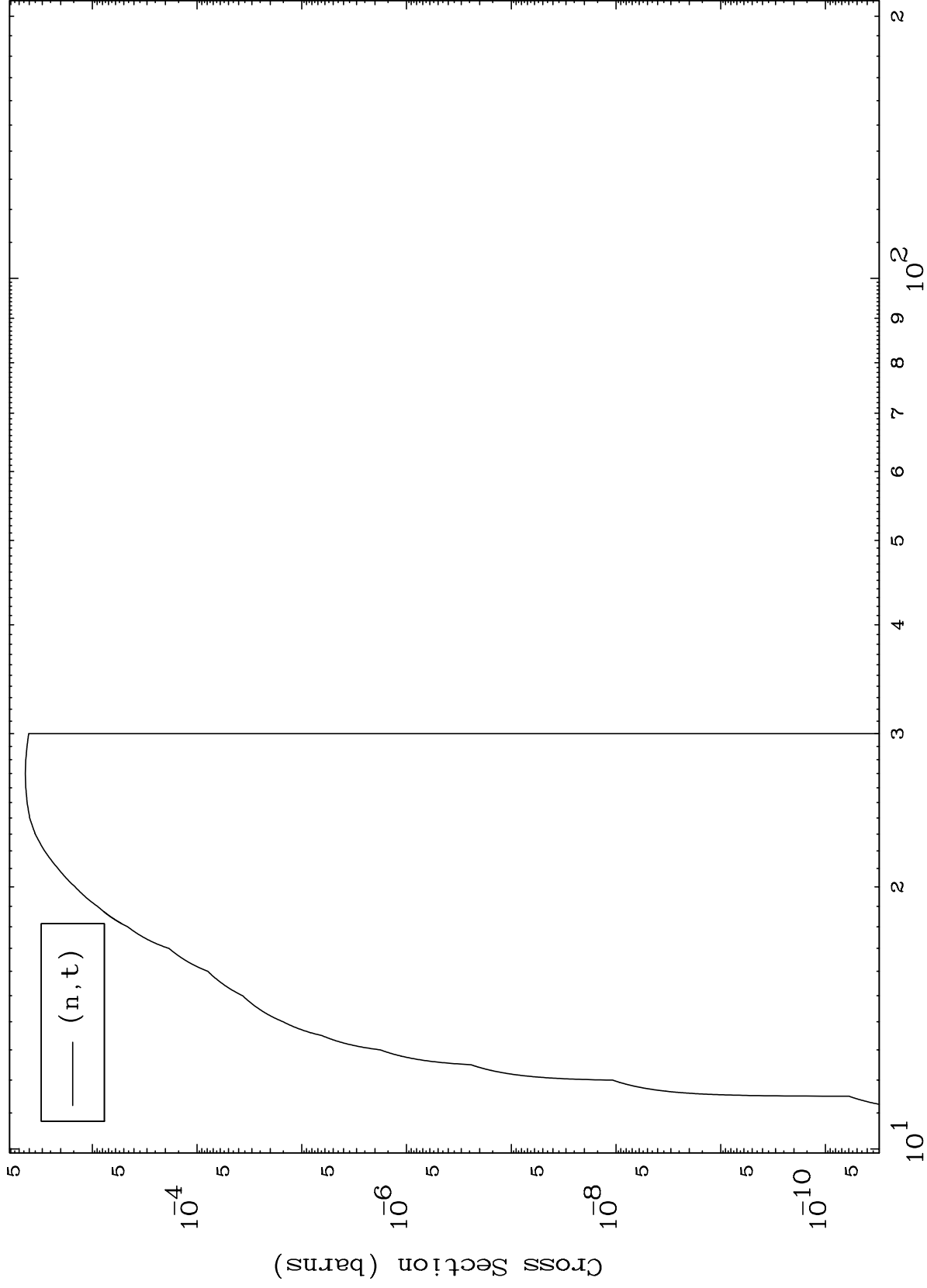
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-55



12

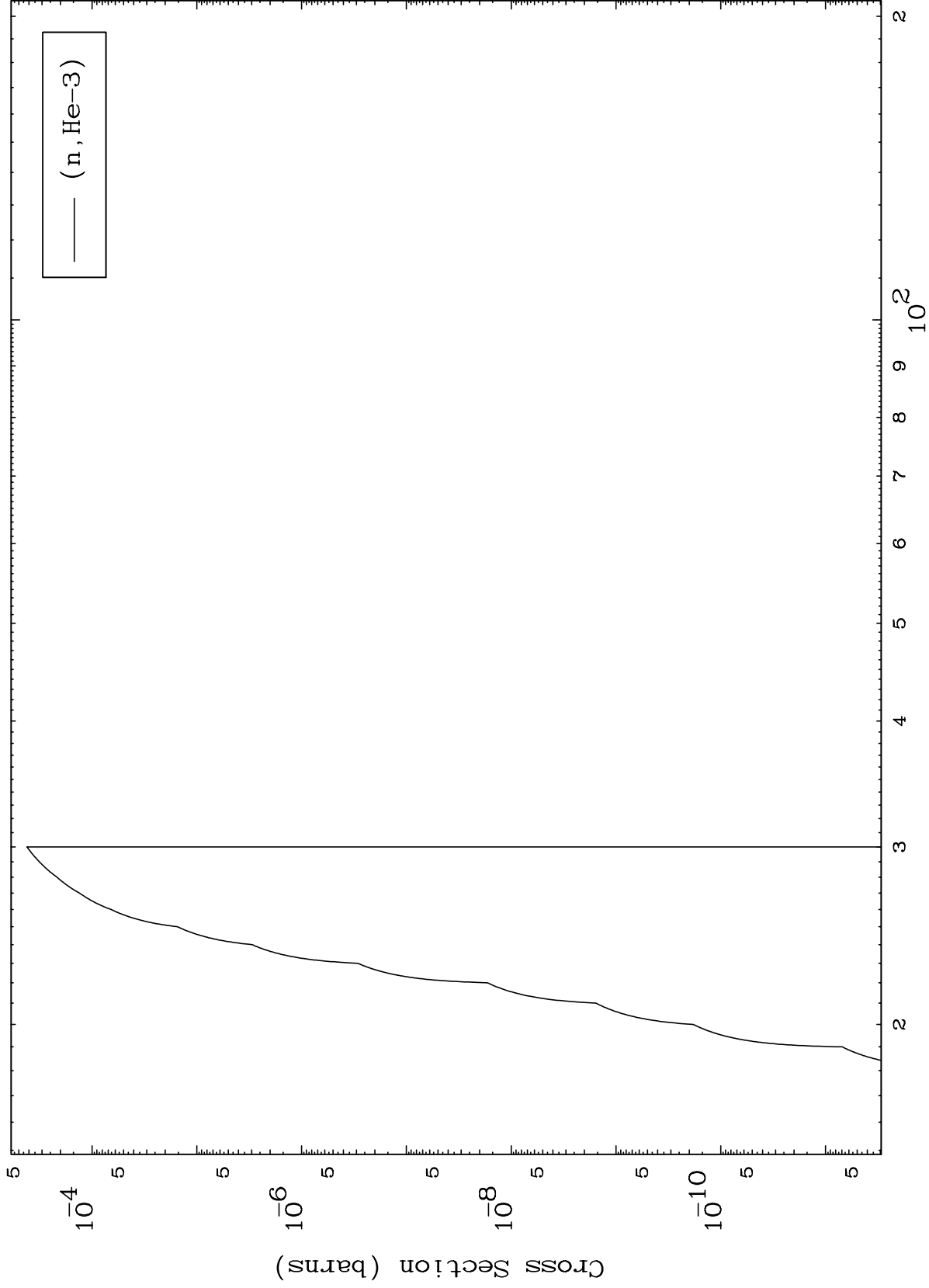
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-55



13

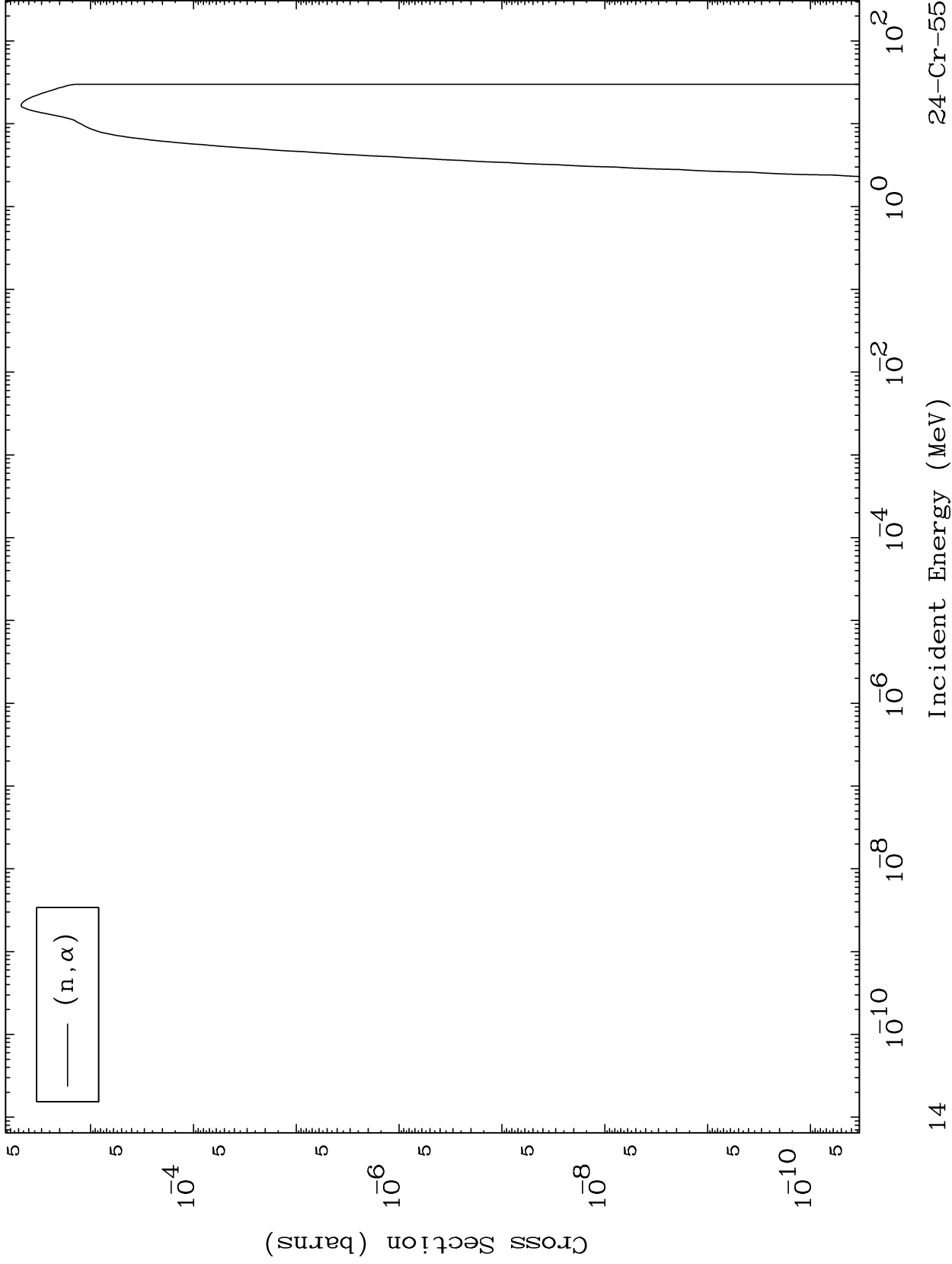
Incident Energy (MeV)

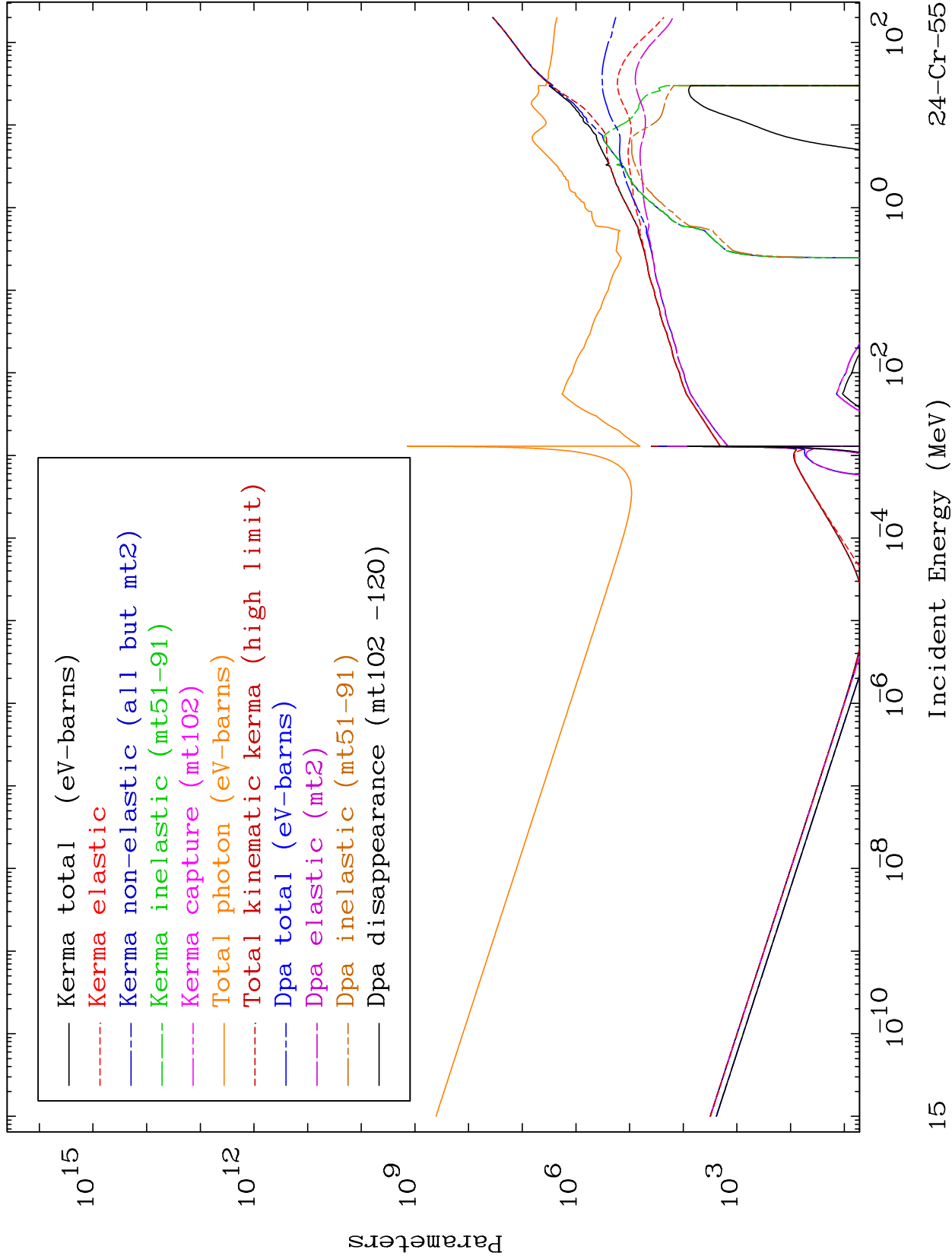
24-Cr-55

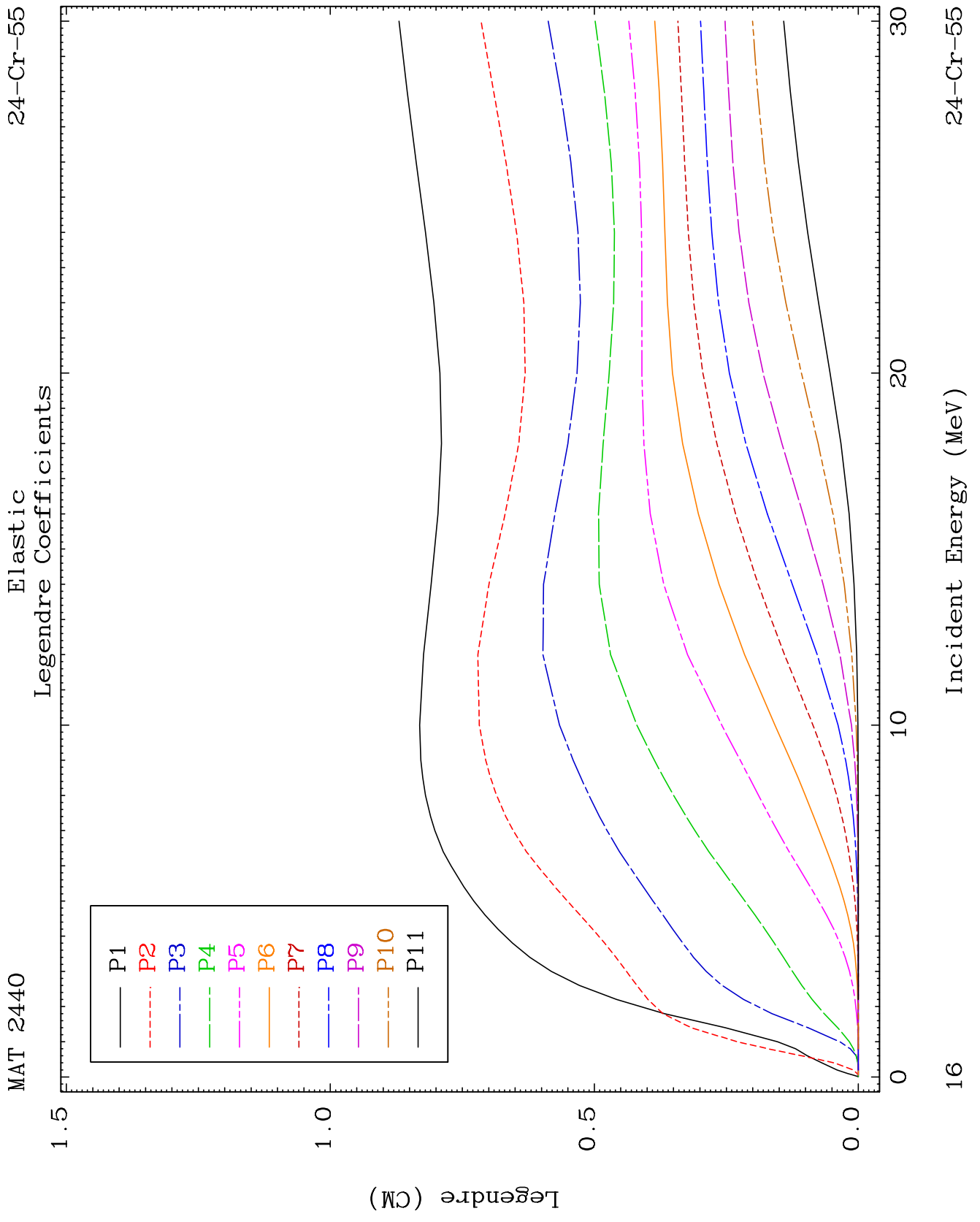
MAT 2440

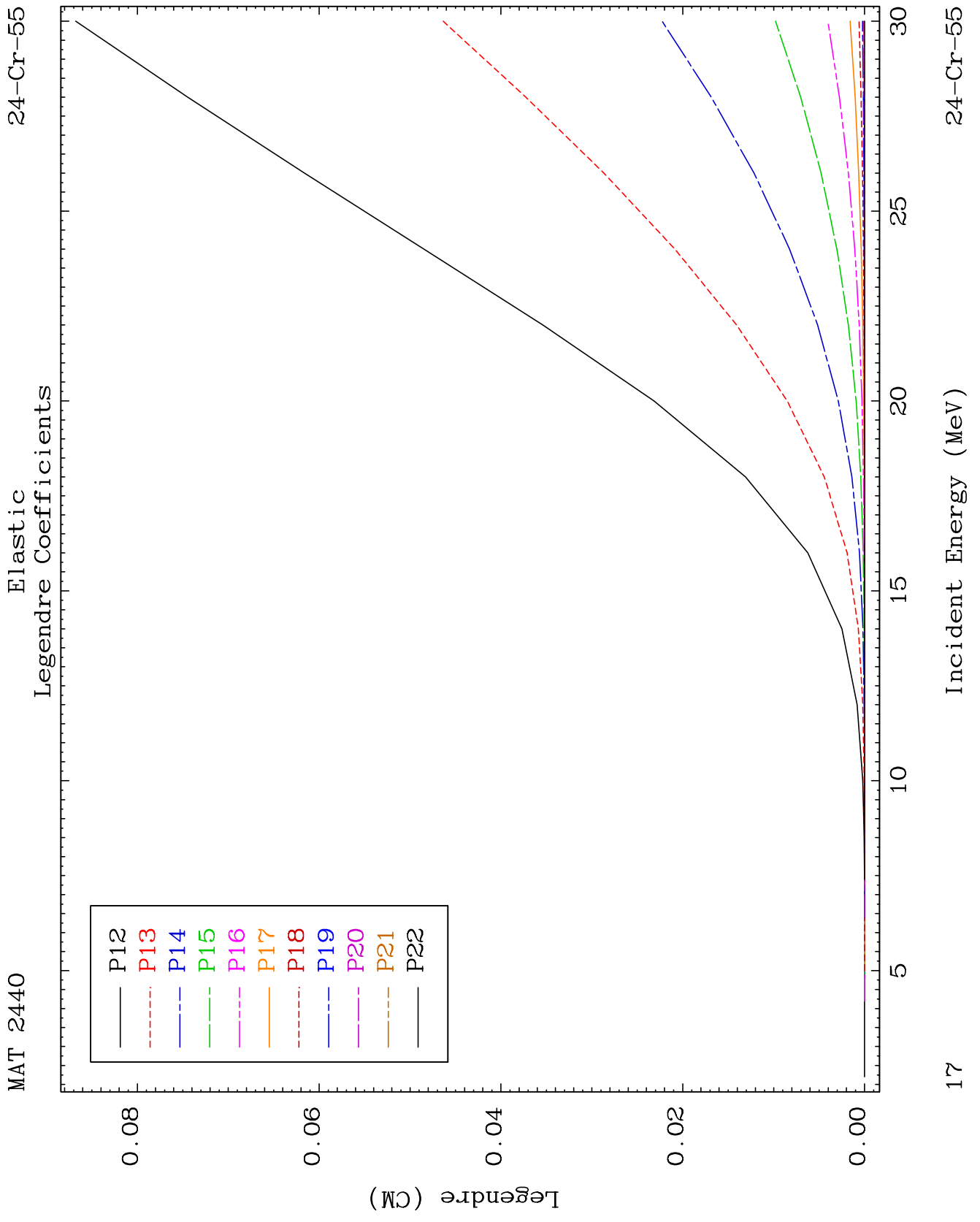
(n, α) Levels
293 Kelvin Cross Sections

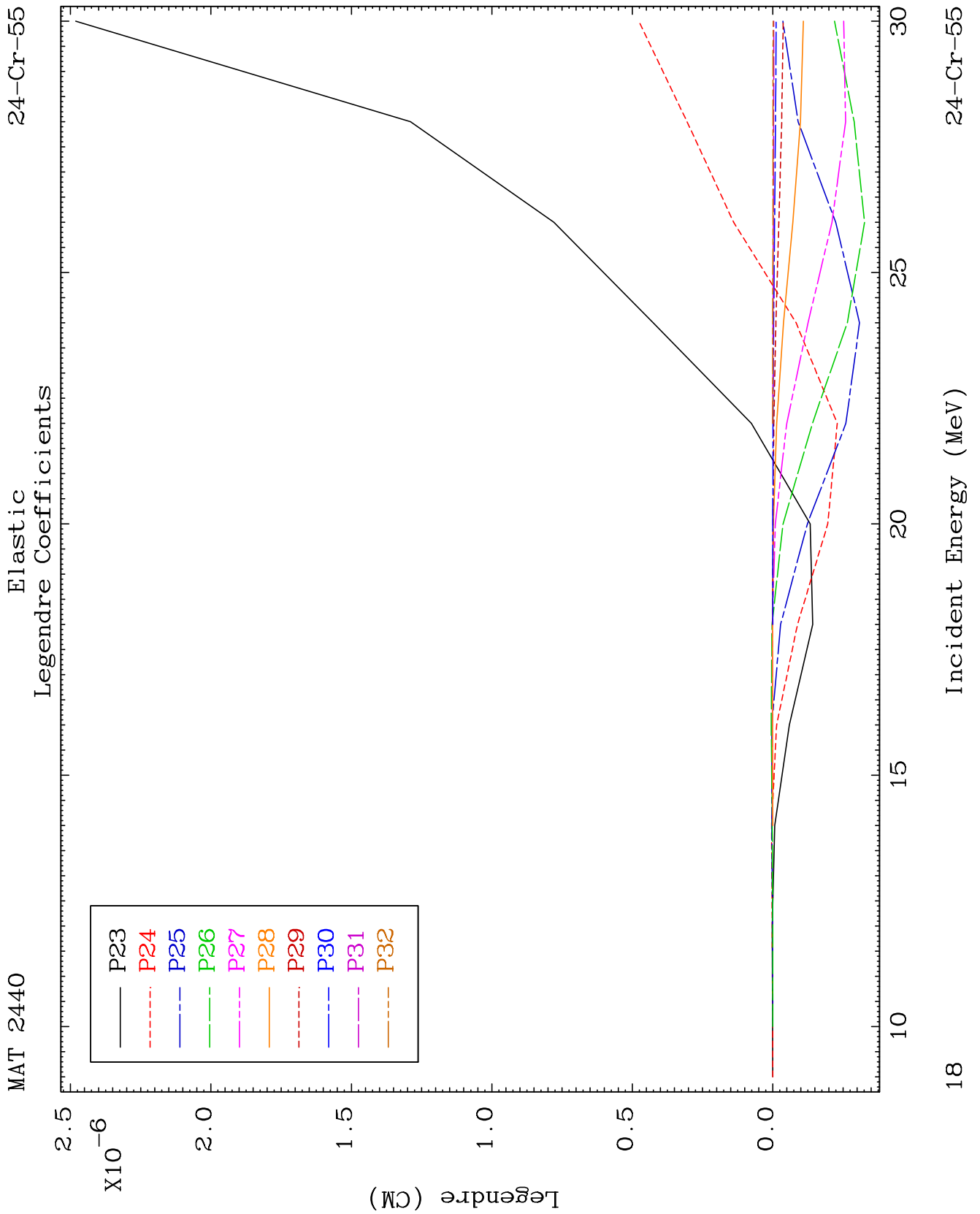
24-Cr-55

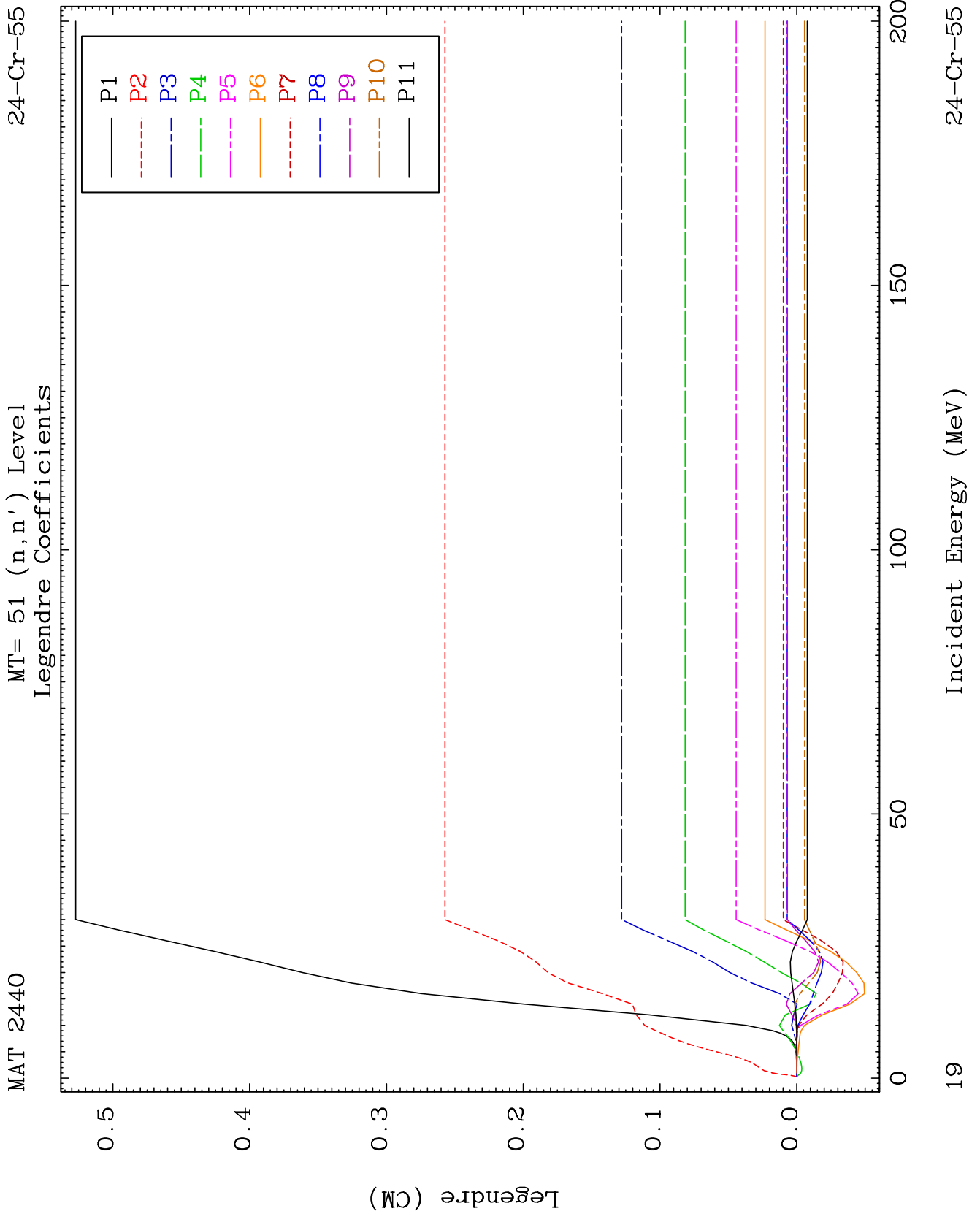








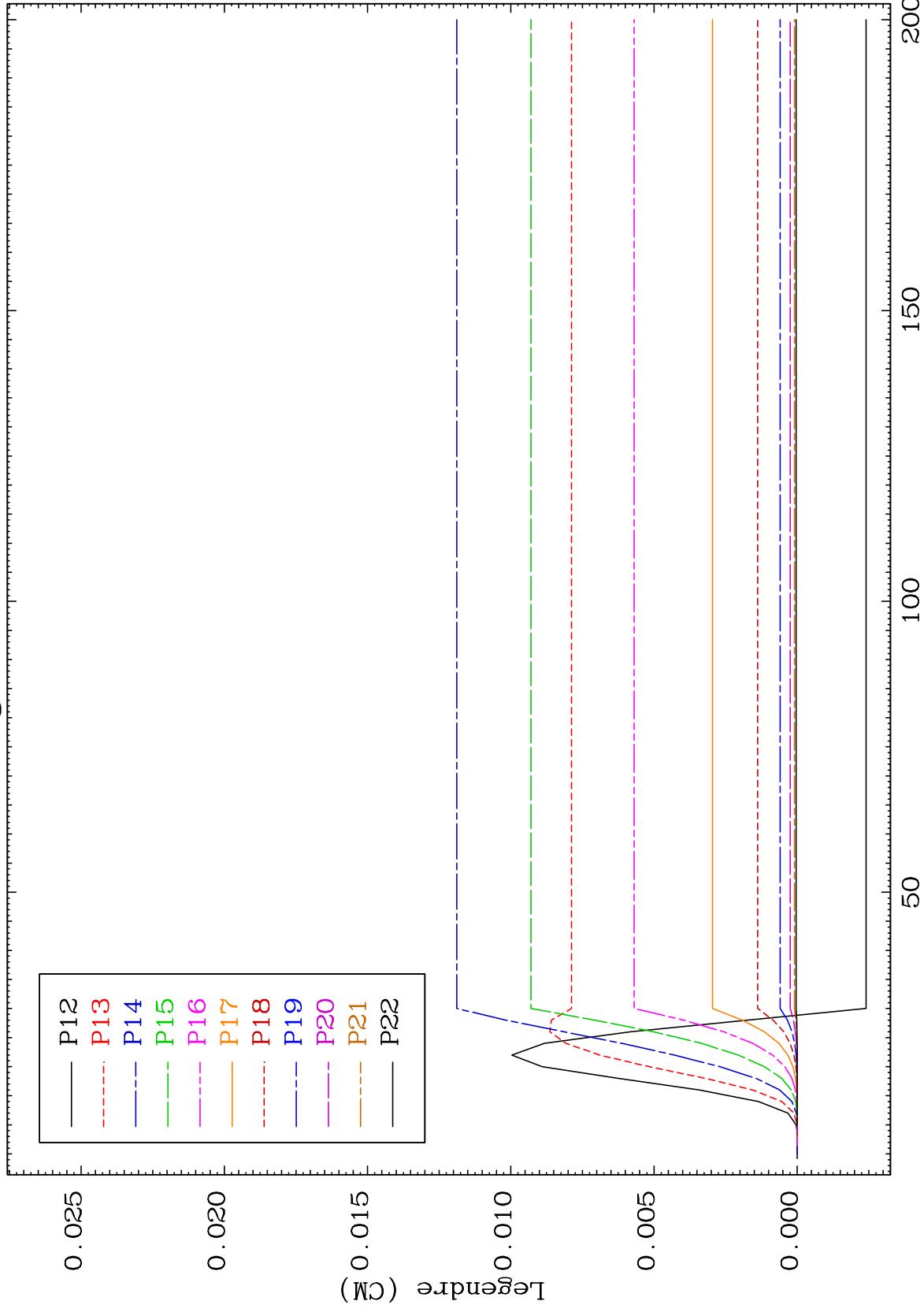




MAT 2440

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

24-Cr-55



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Incident Energy (MeV)

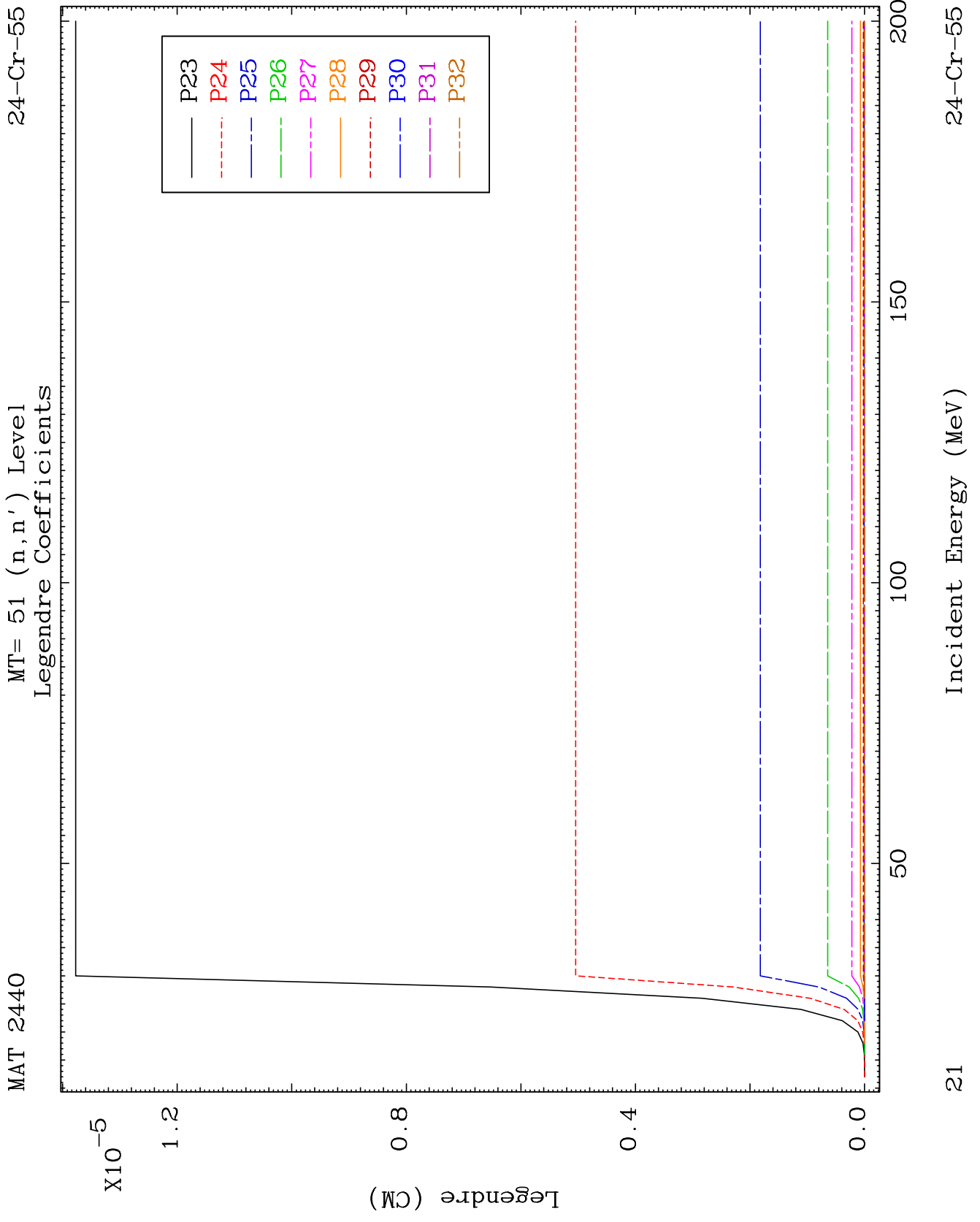
50

100

150

200

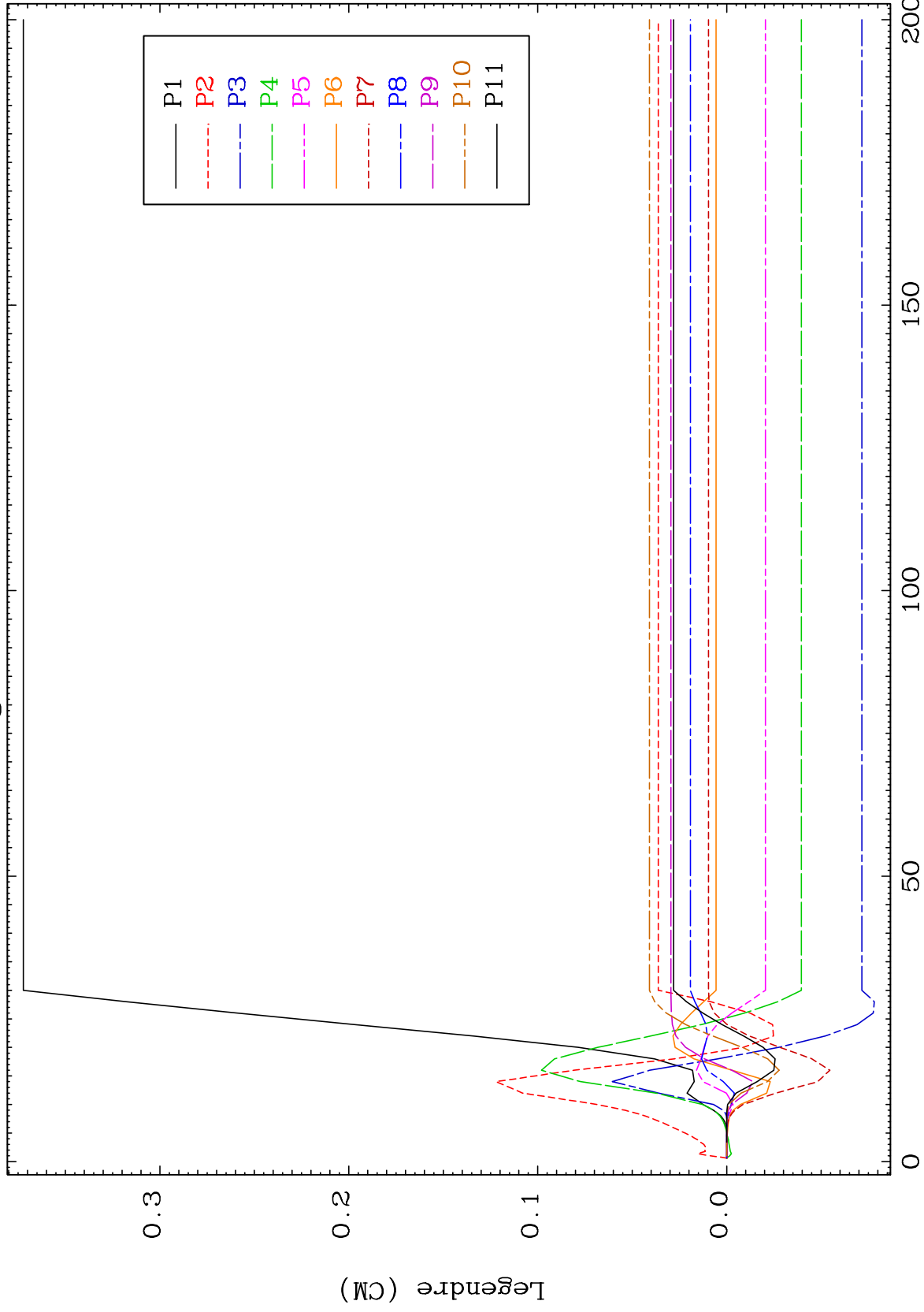
24-Cr-55



MAT 2440

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

24-Cr-55



22

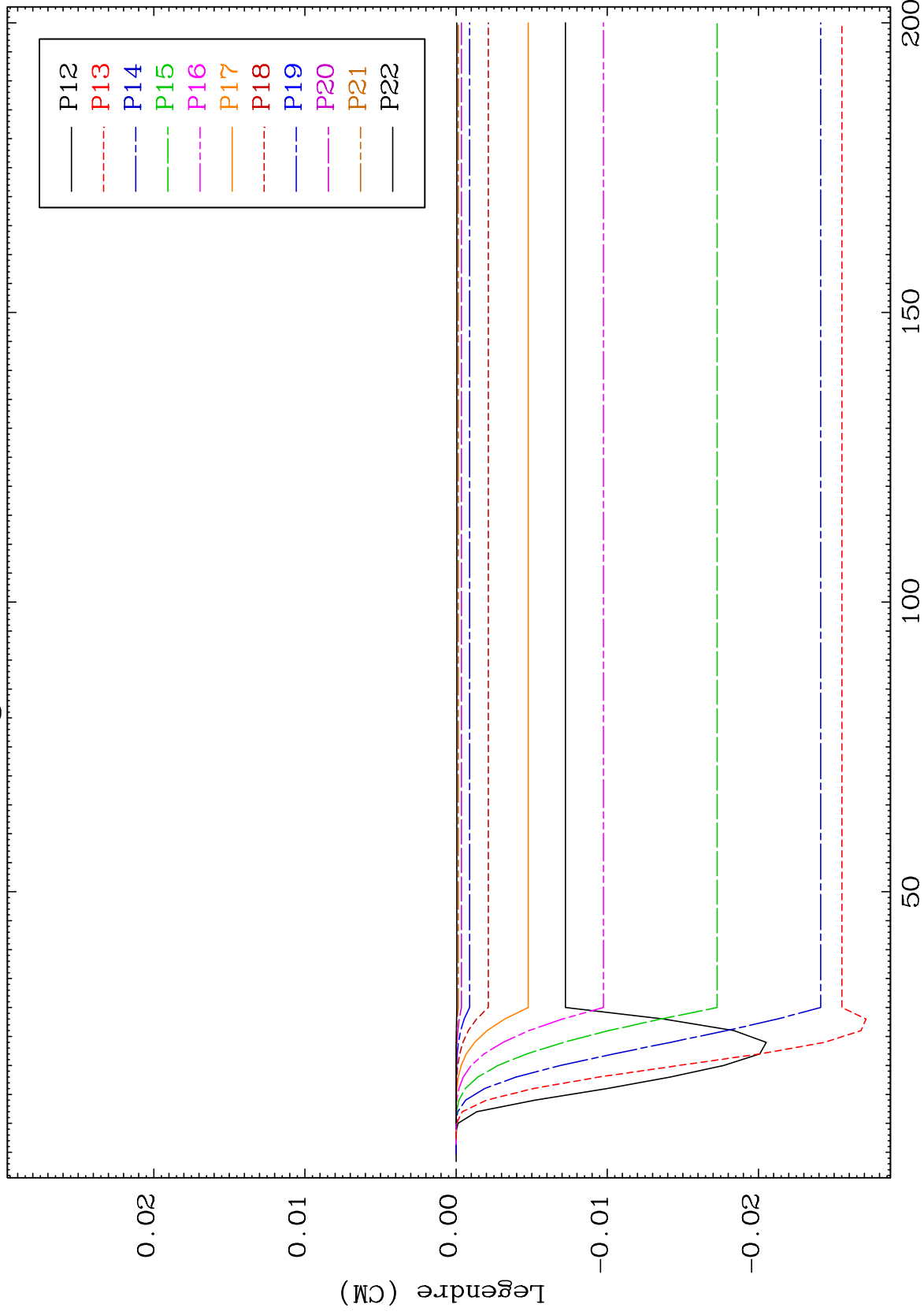
24-Cr-55

24-Cr-55

MAT 2440

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

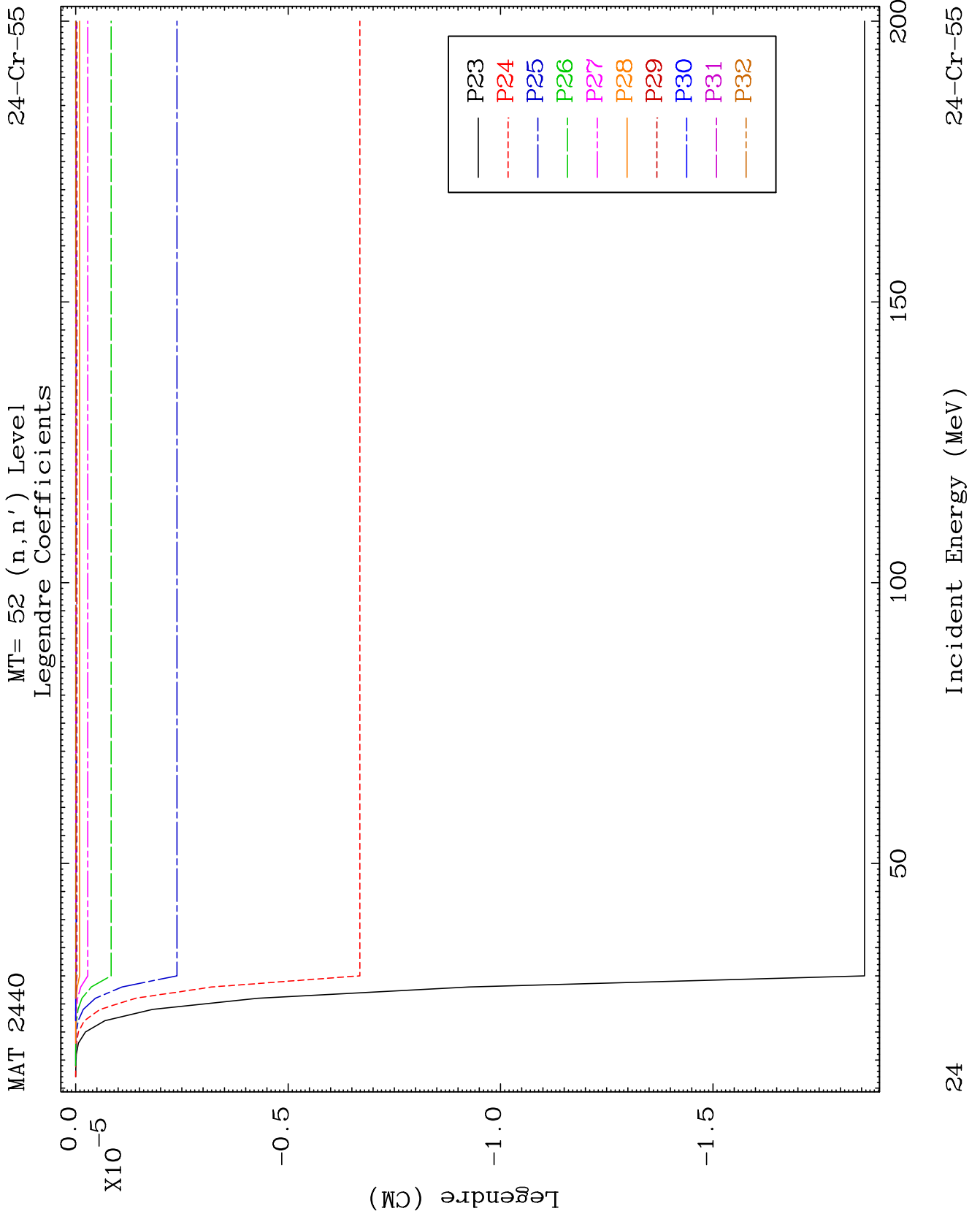
24-Cr-55

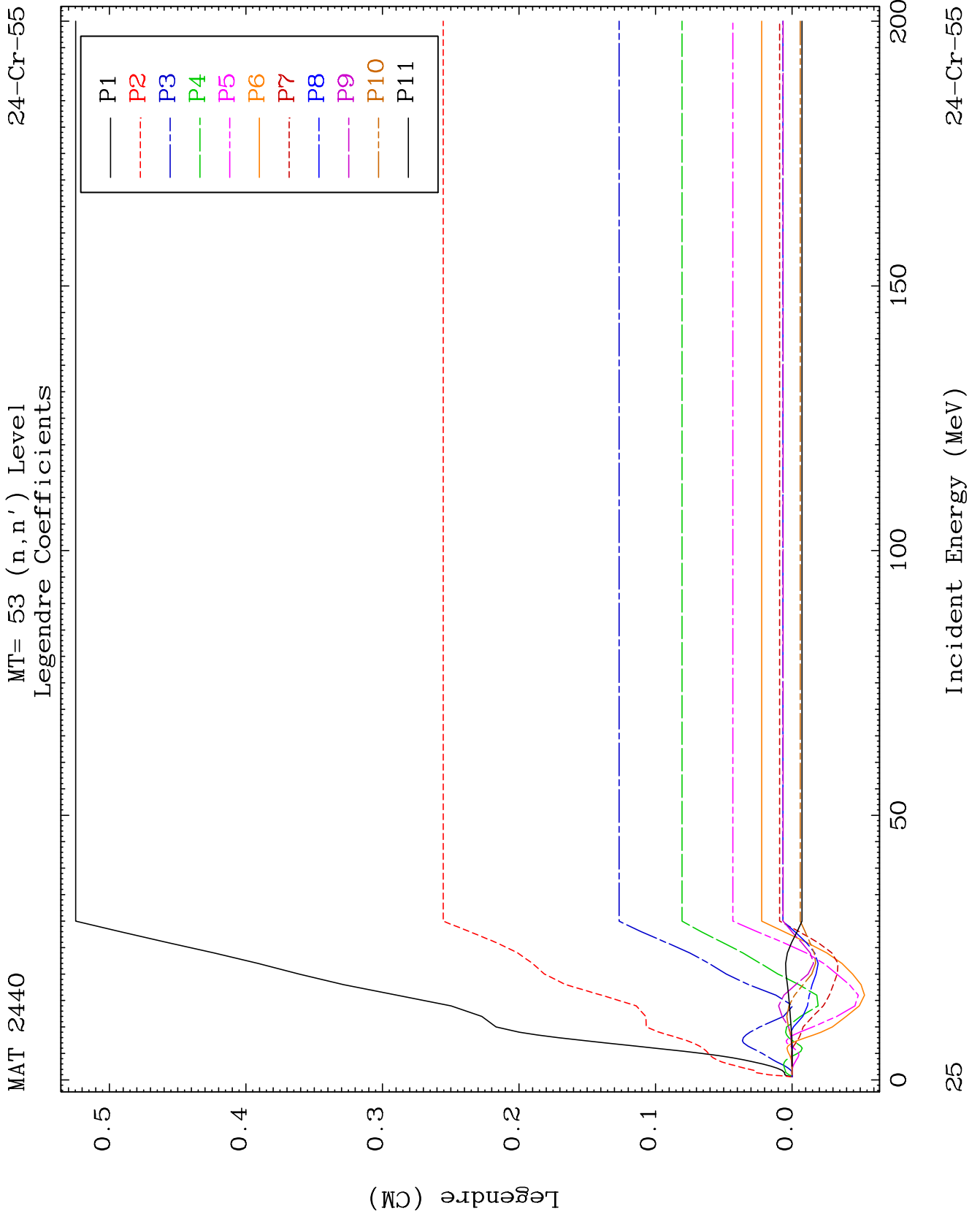


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Incident Energy (MeV)

24-Cr-55

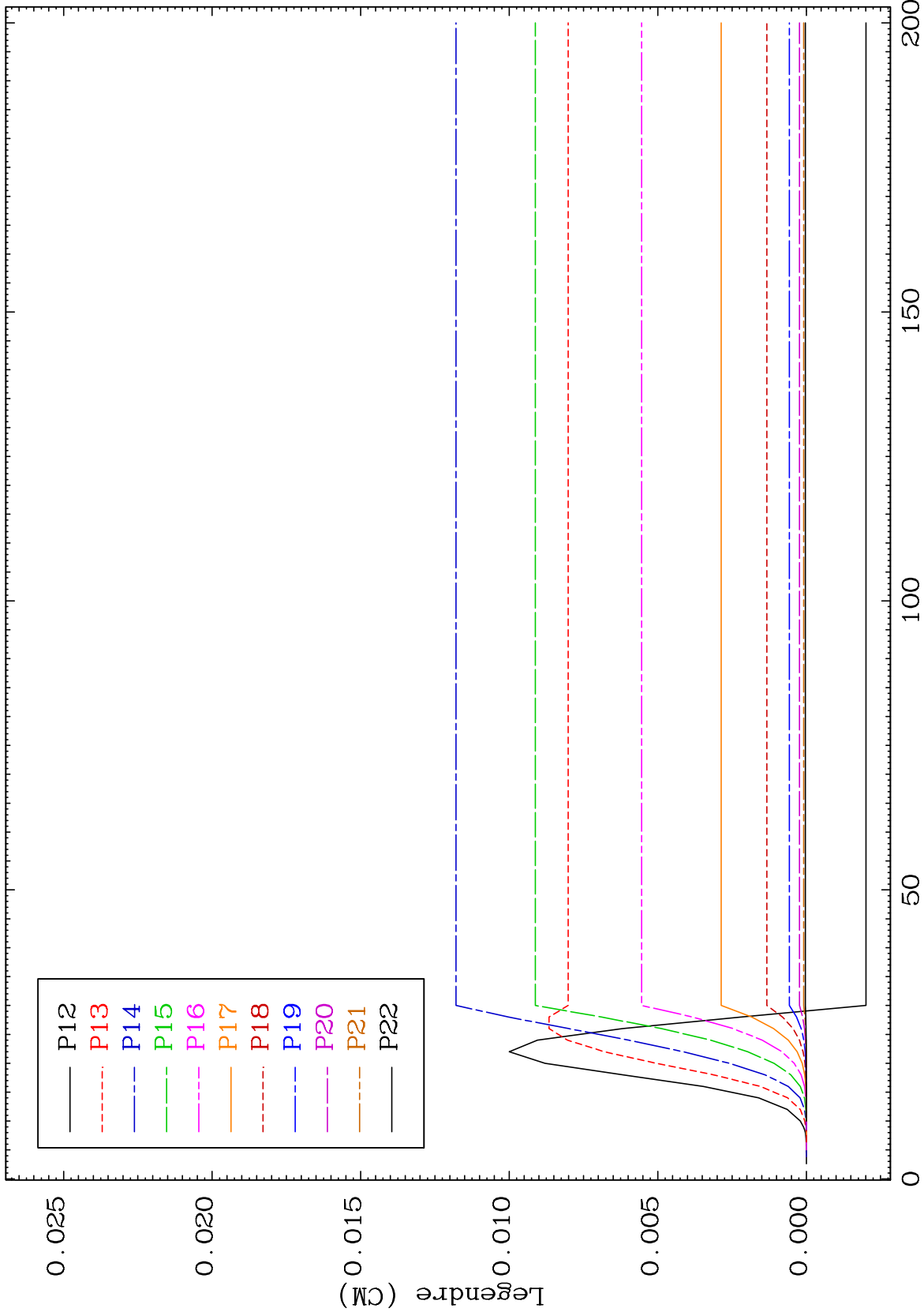




MAT 2440

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

24-Cr-55



26

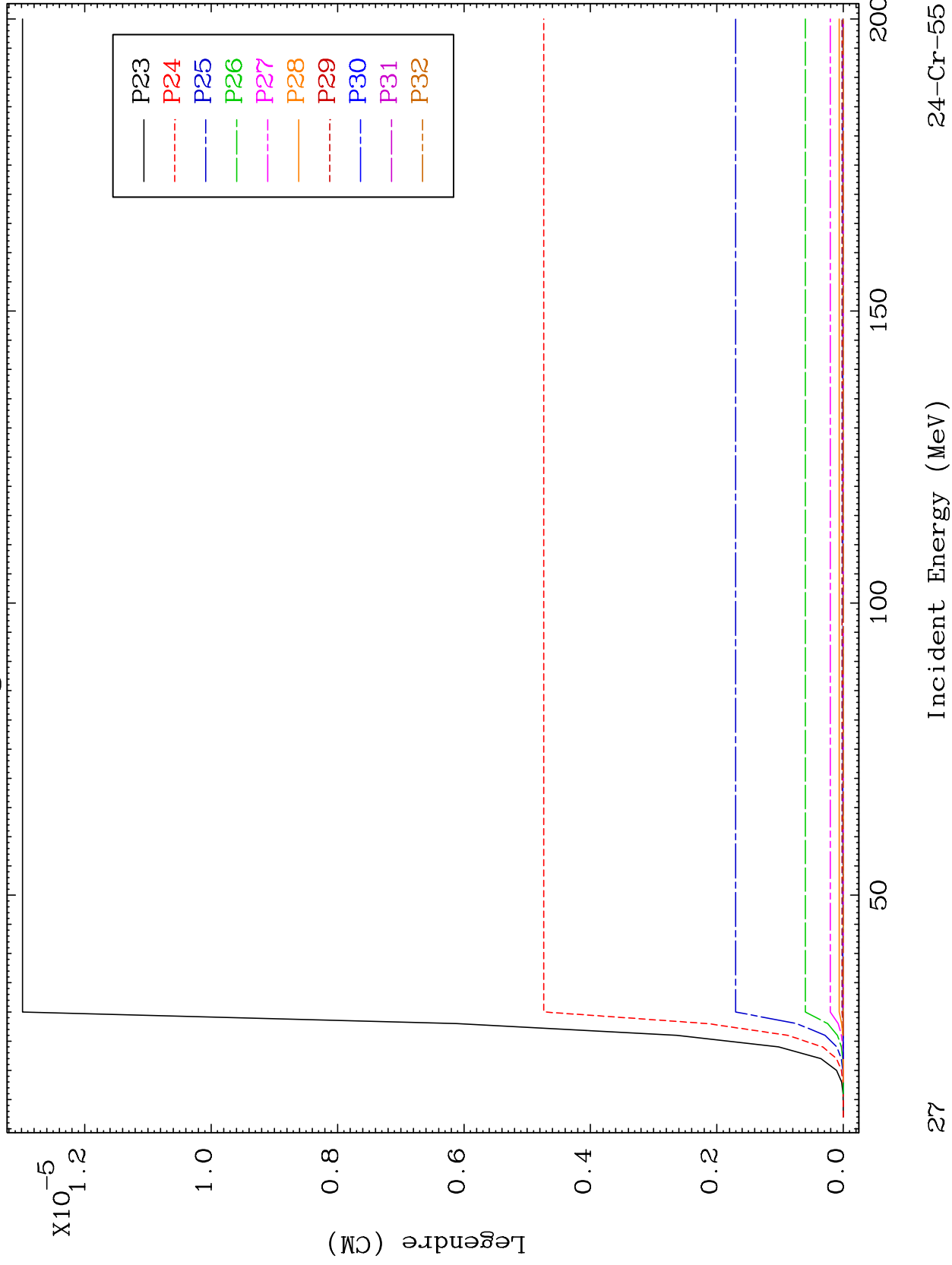
Incident Energy (MeV)

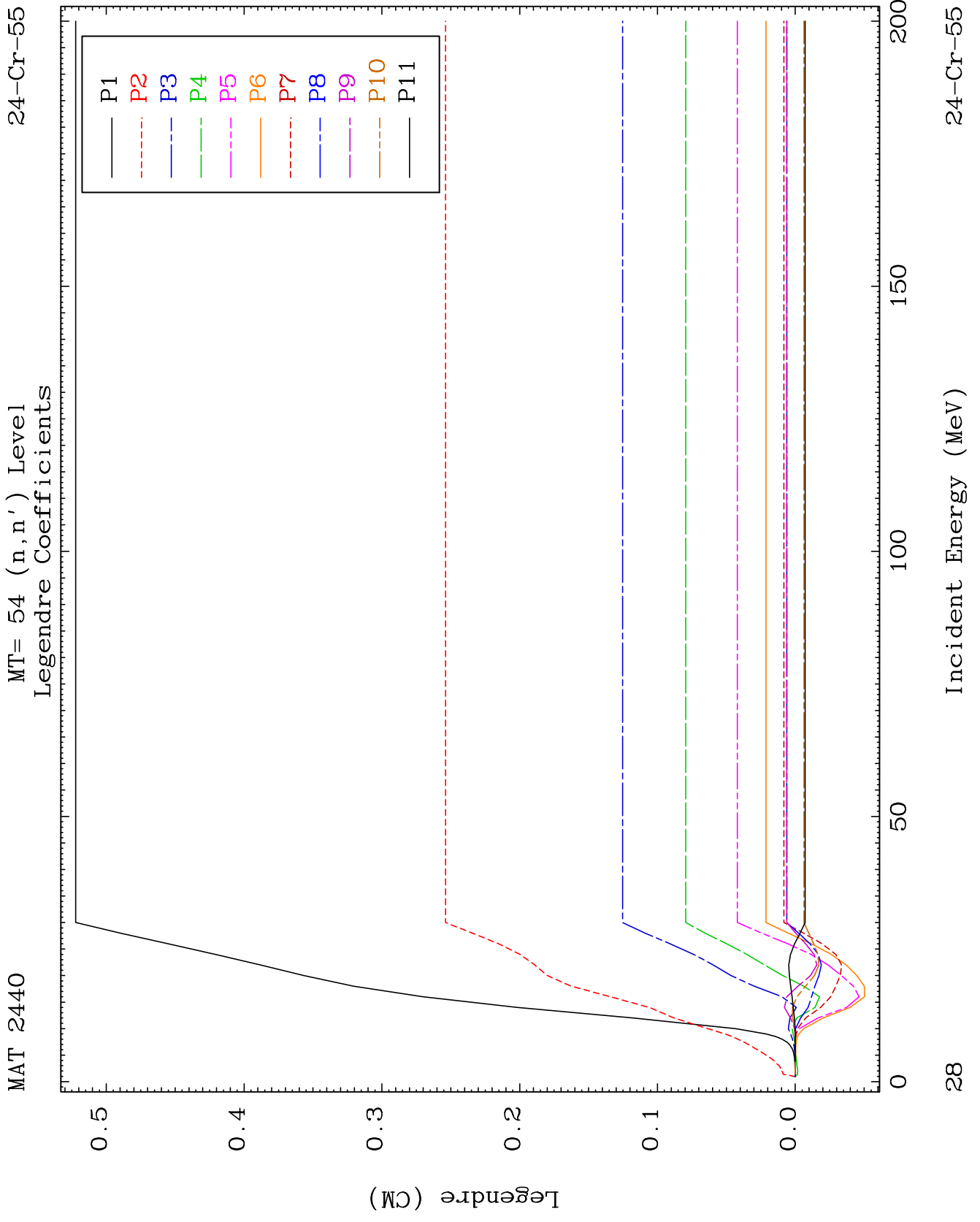
24-Cr-55

MAT 2440

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

24-Cr-55

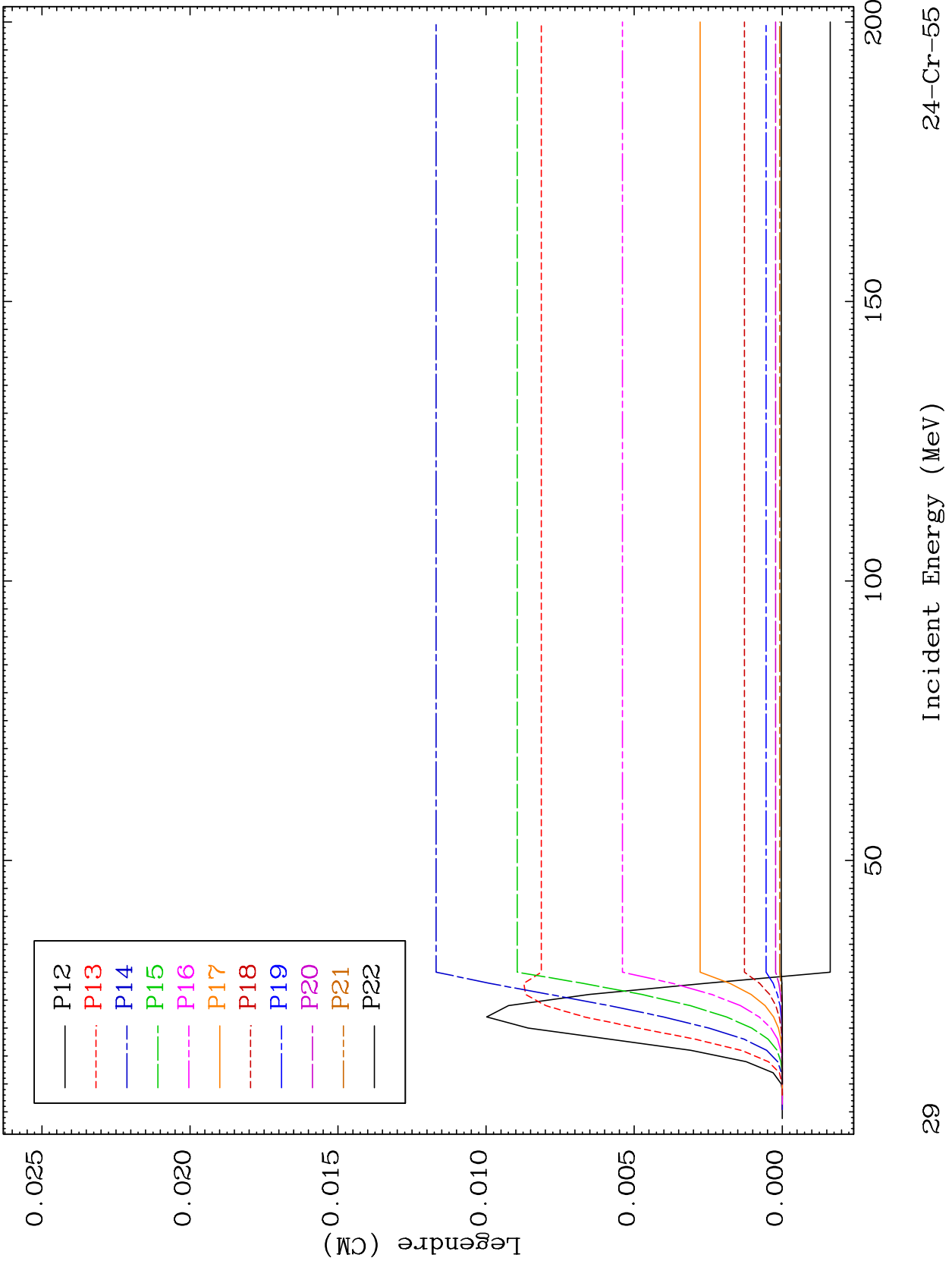




MAT 2440

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

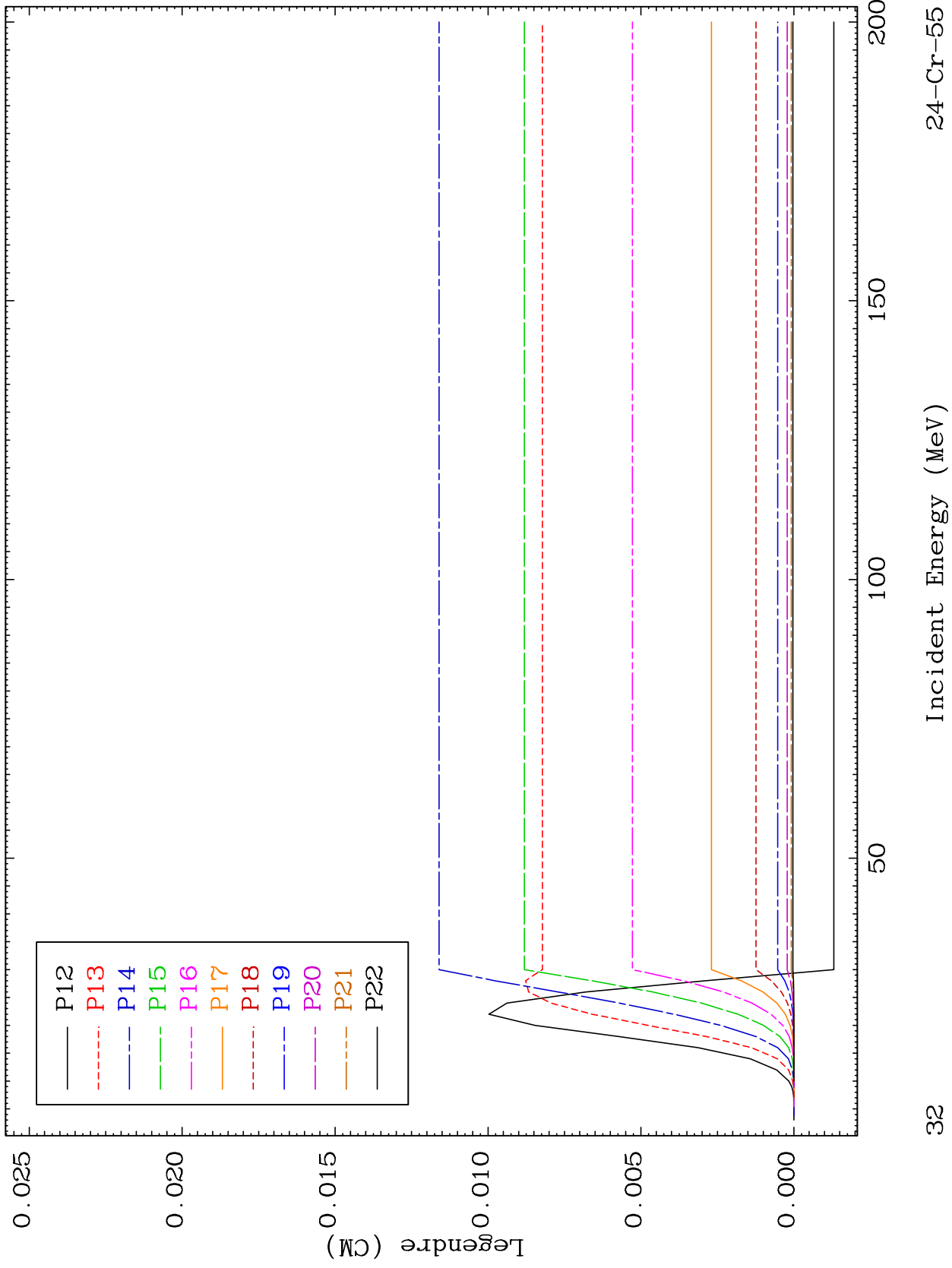
24-Cr-55



MAT 2440

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

24-Cr-55



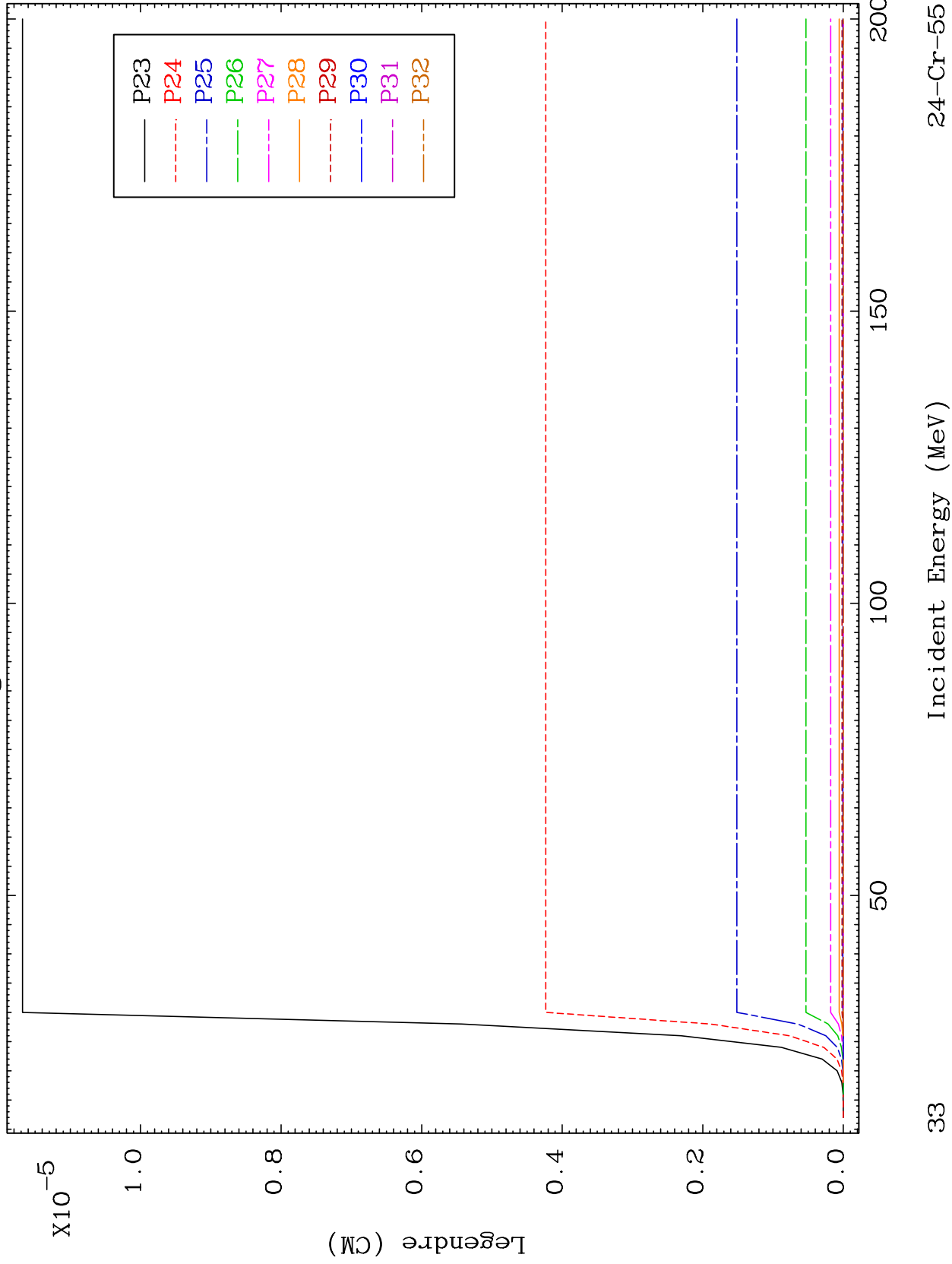
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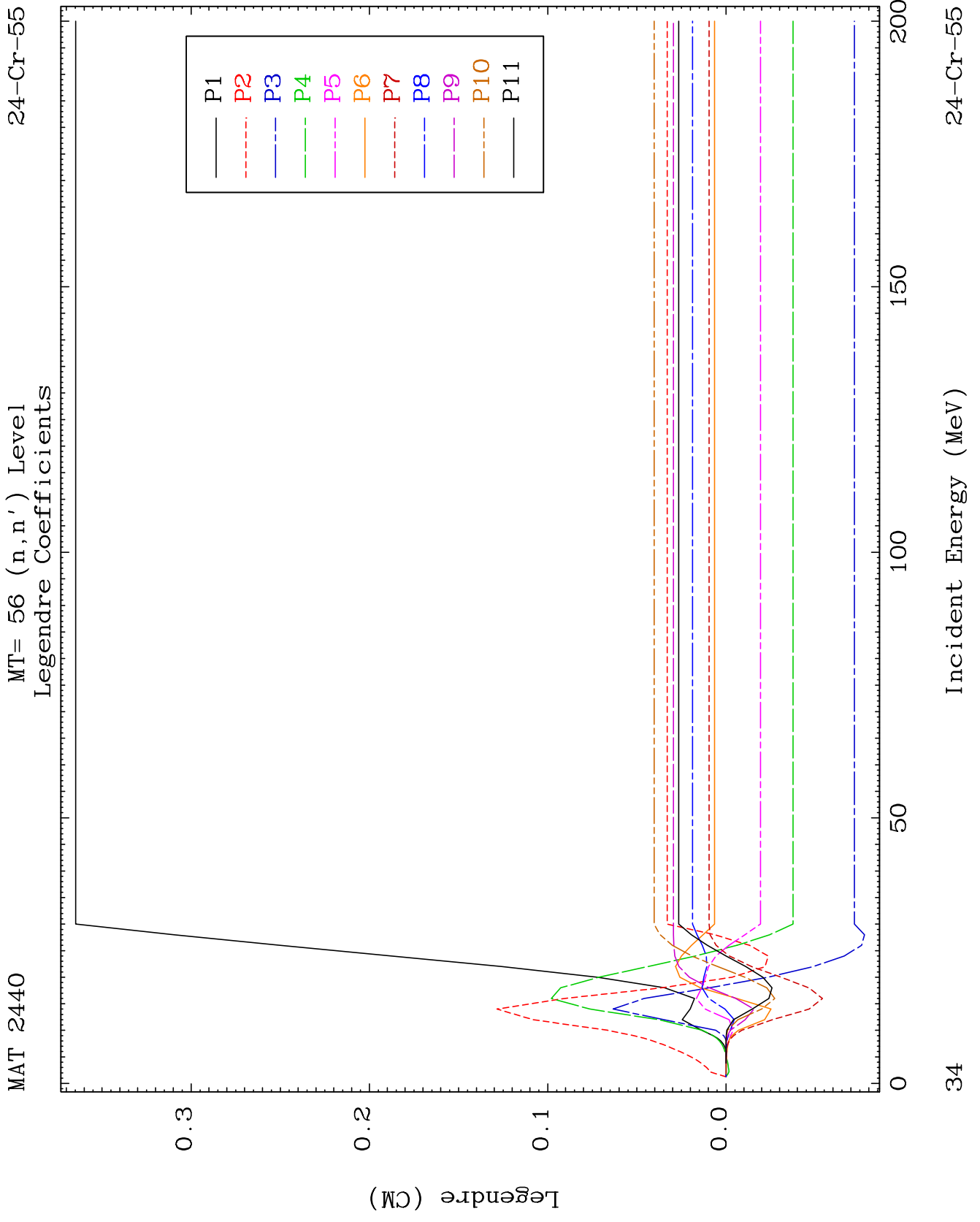
24-Cr-55

MAT 2440

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

24-Cr-55

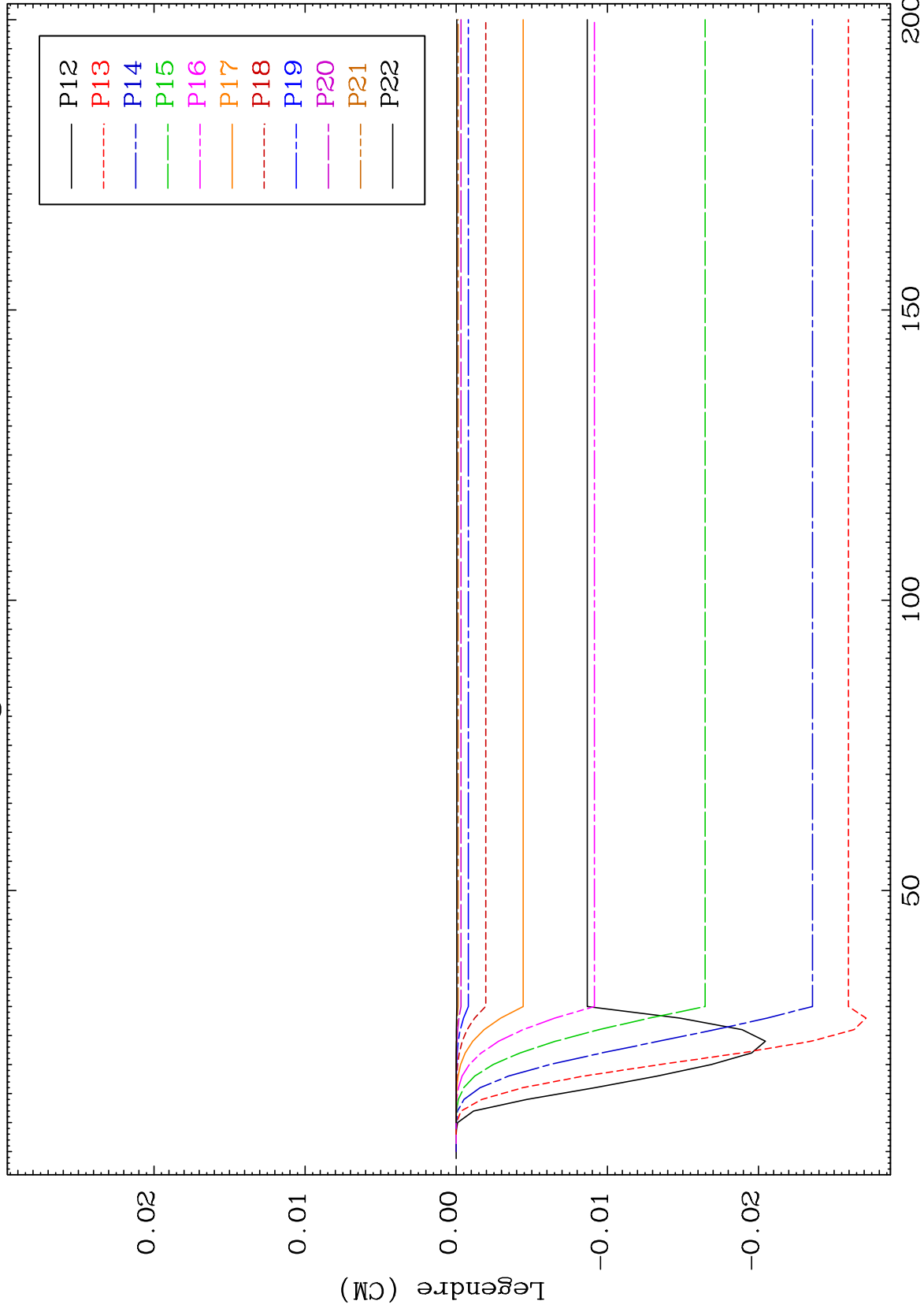




MAT 2440

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

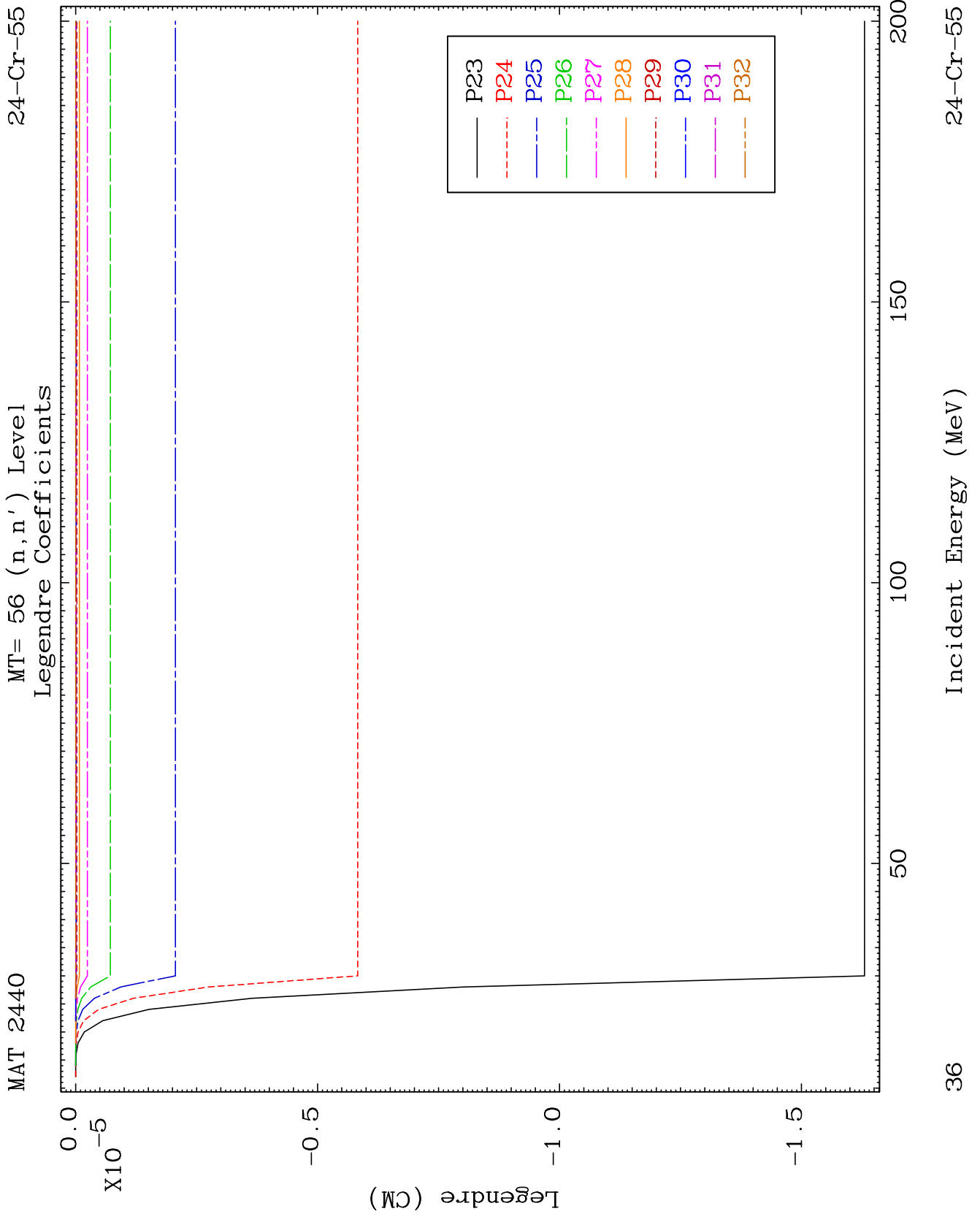
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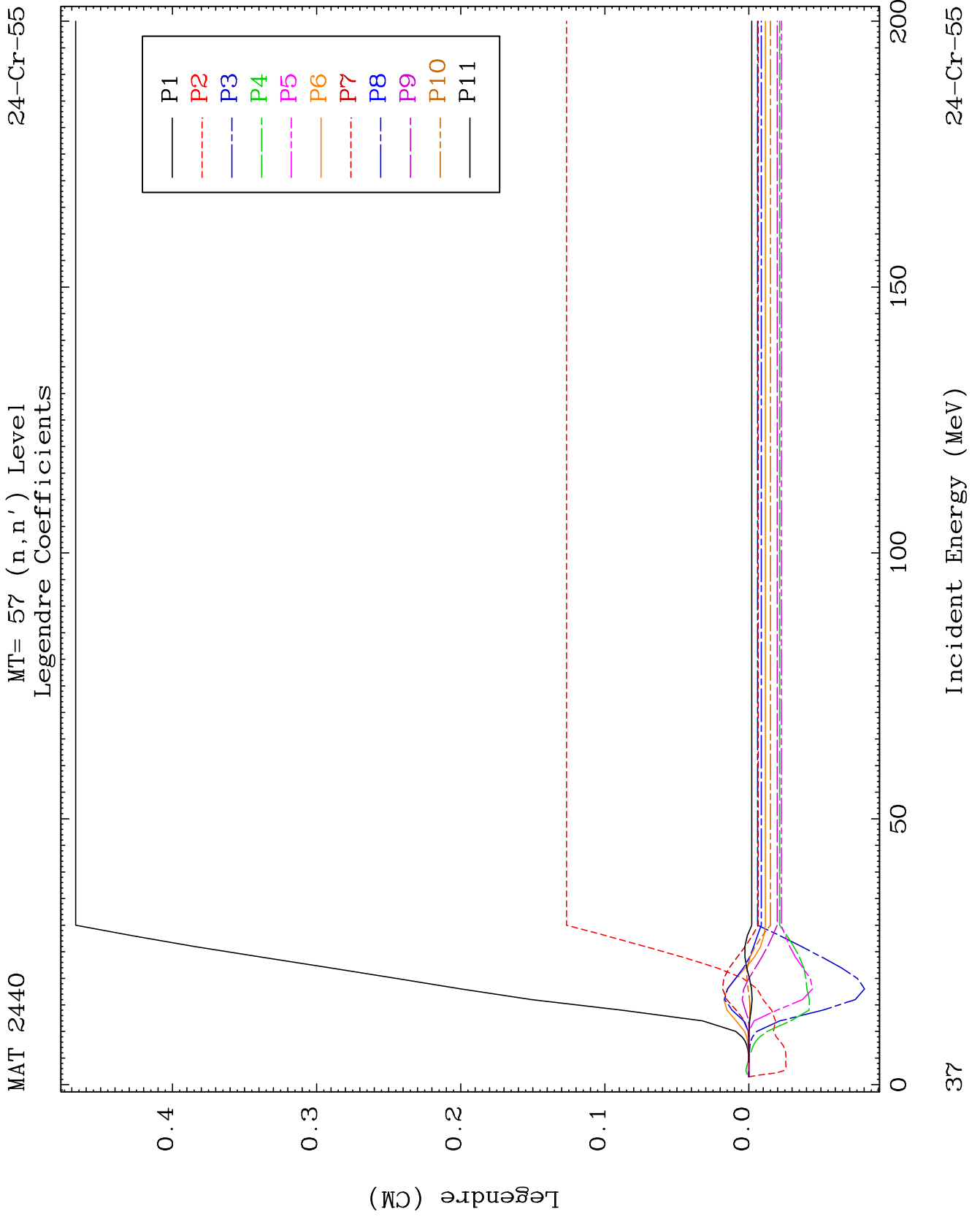


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Incident Energy (MeV)

24-Cr-55

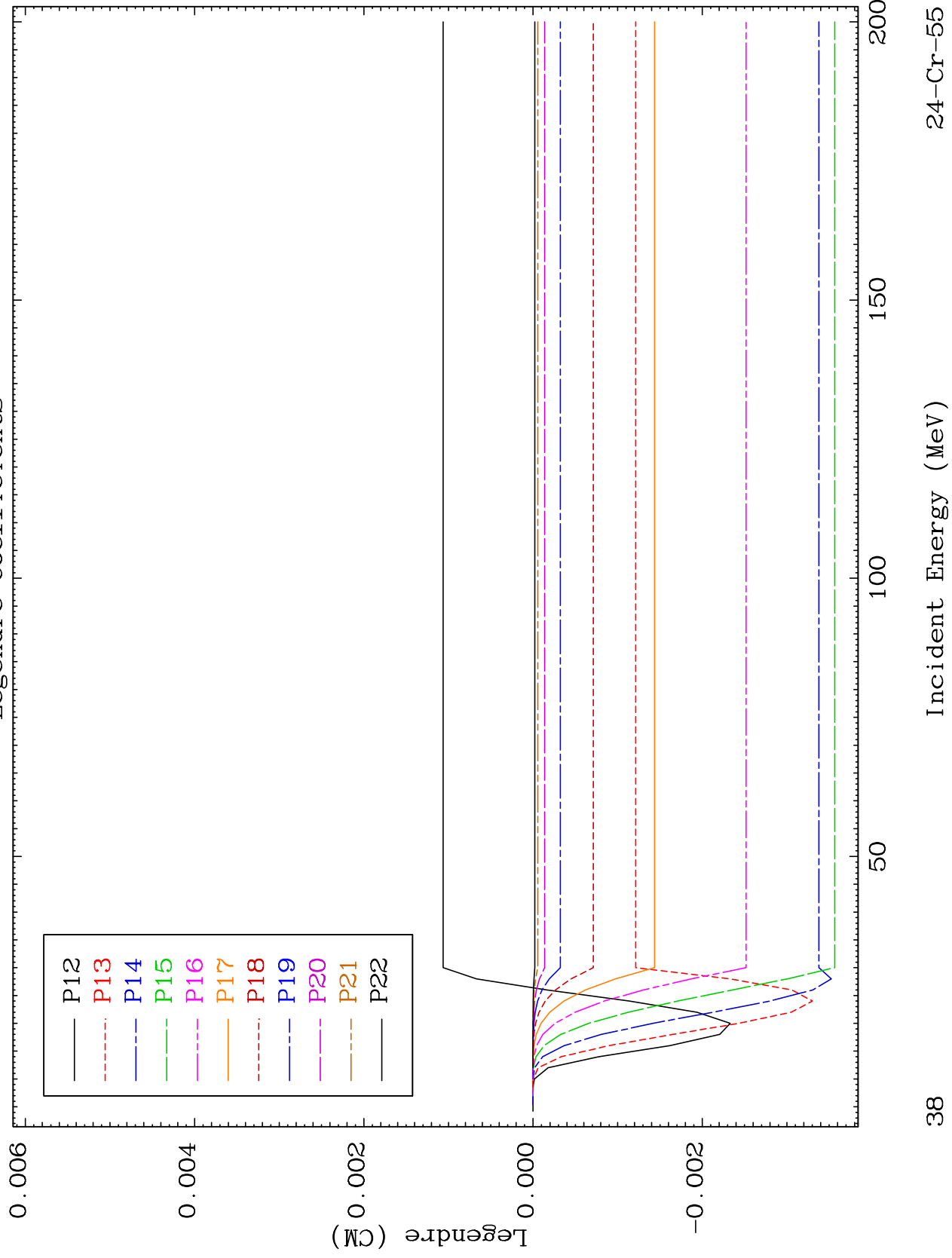


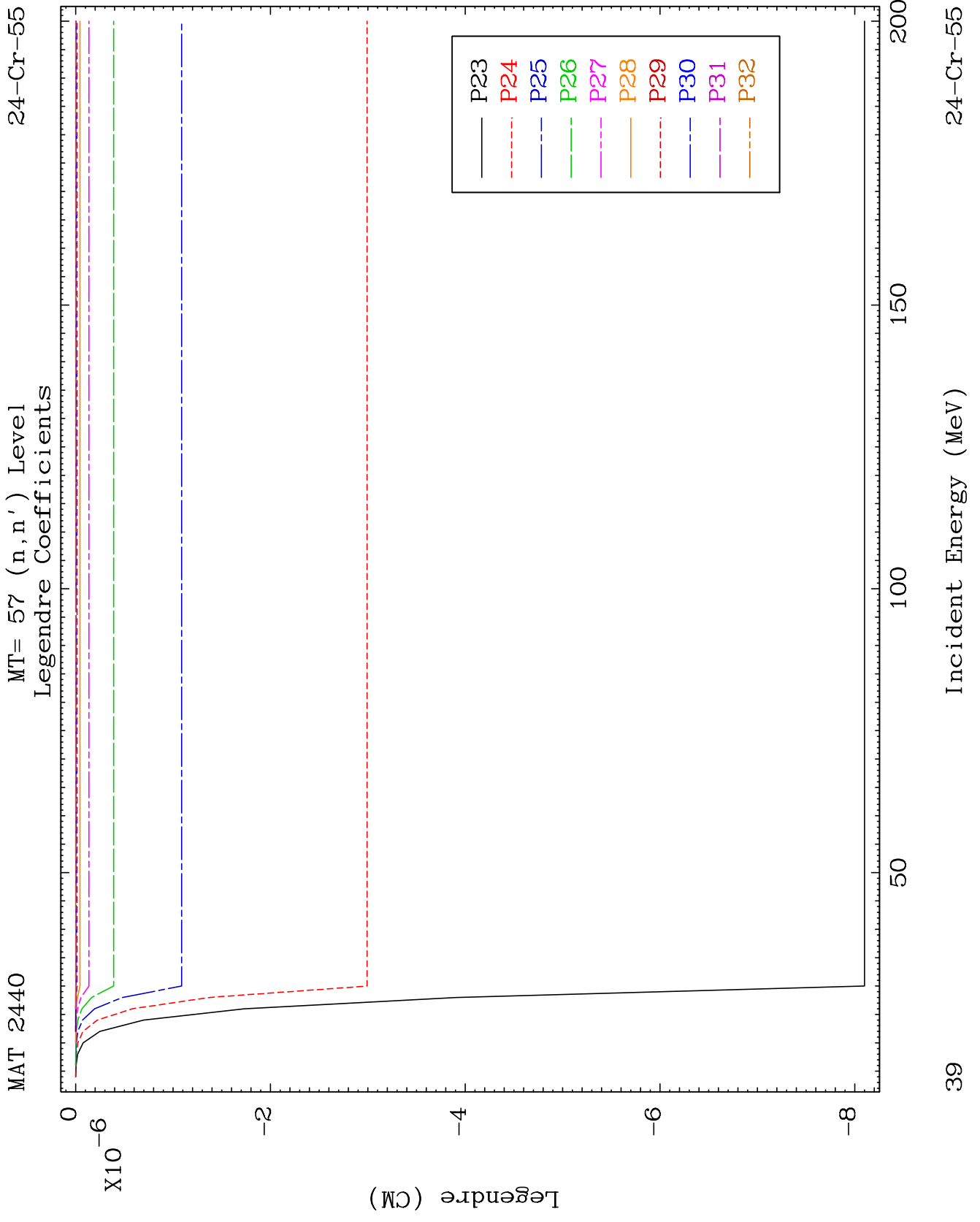


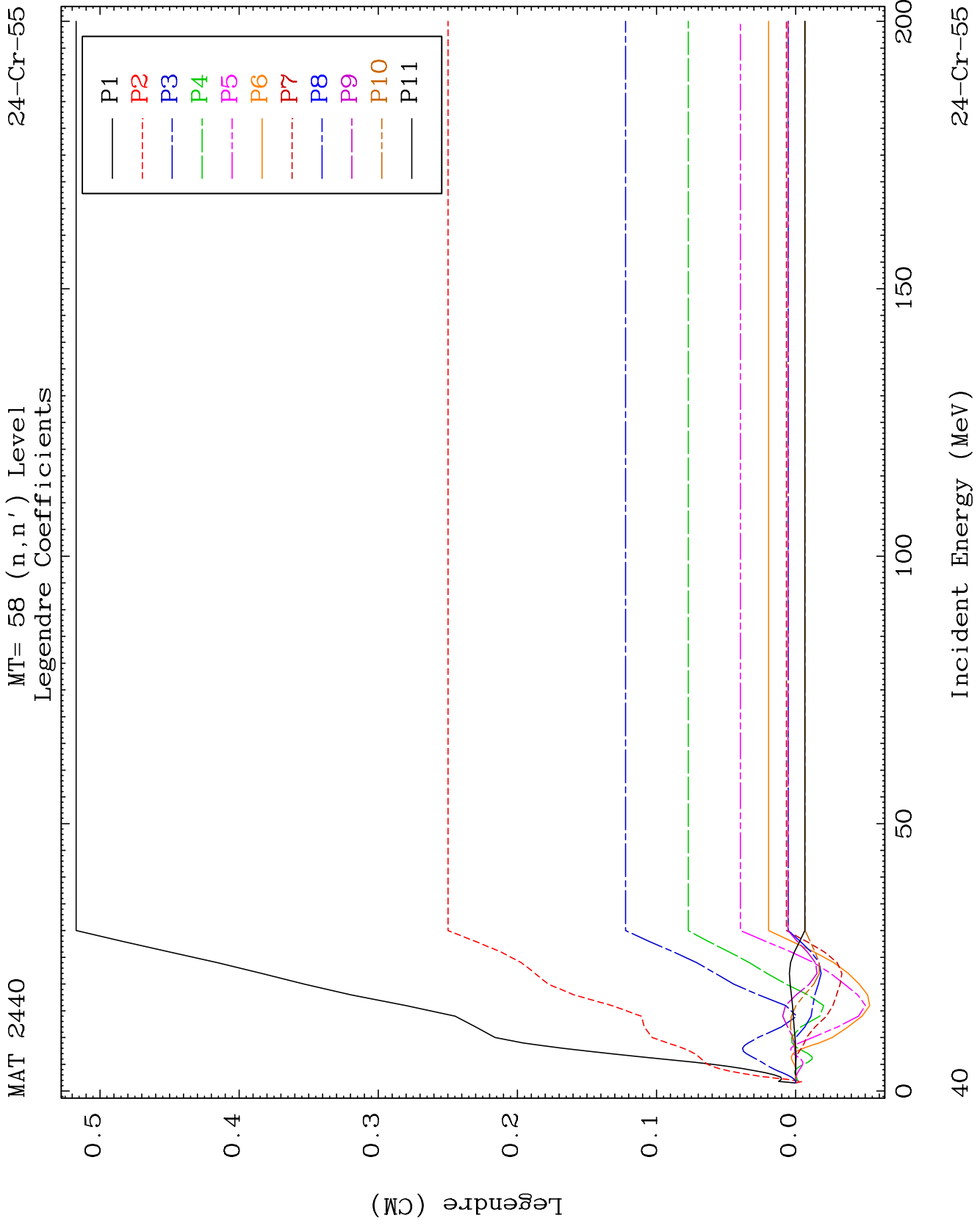
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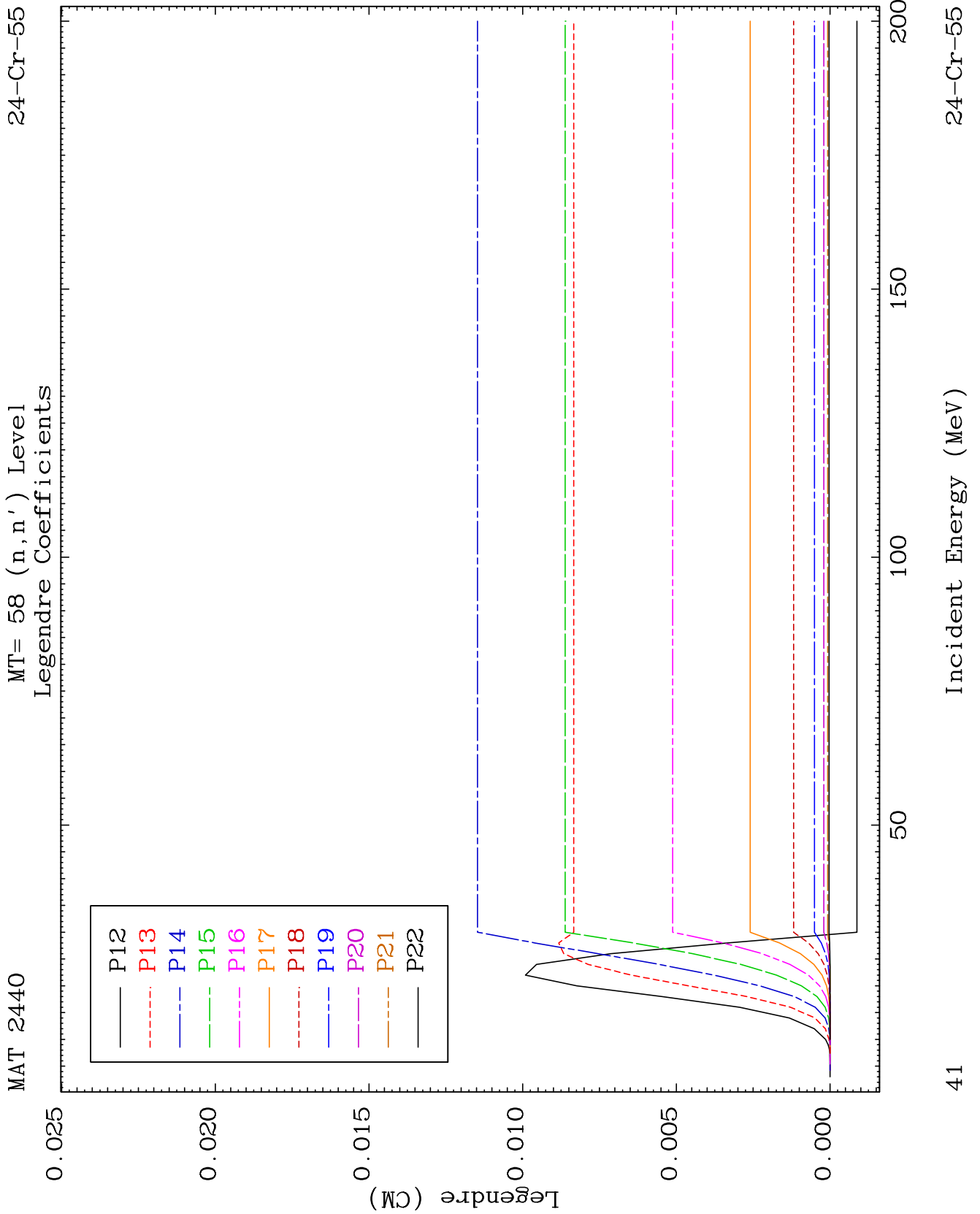
MT= 57 (n,n') Level
Legendre Coefficients

24-Cr-55





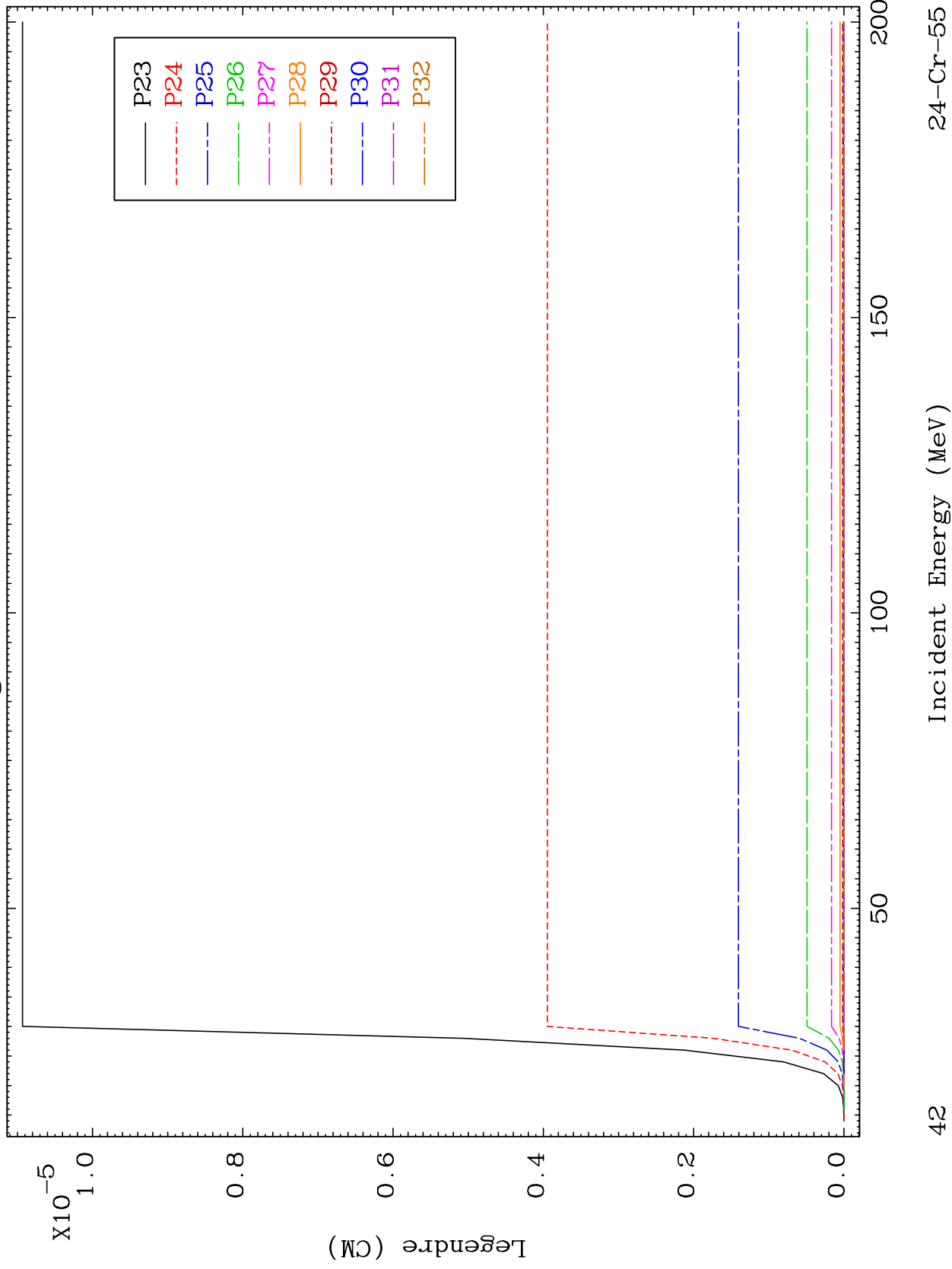




MAT 2440

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

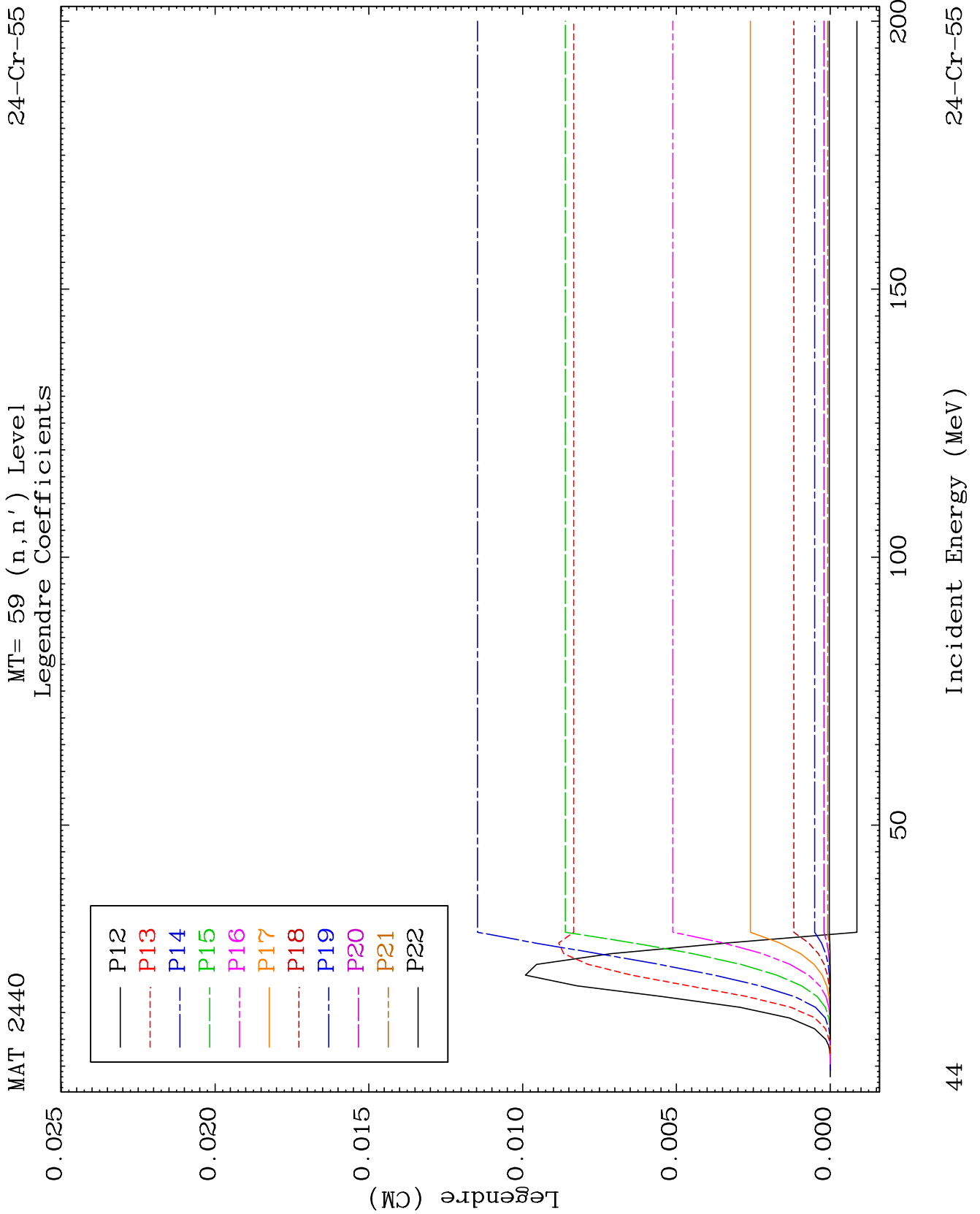
24-Cr-55



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Incident Energy (MeV)

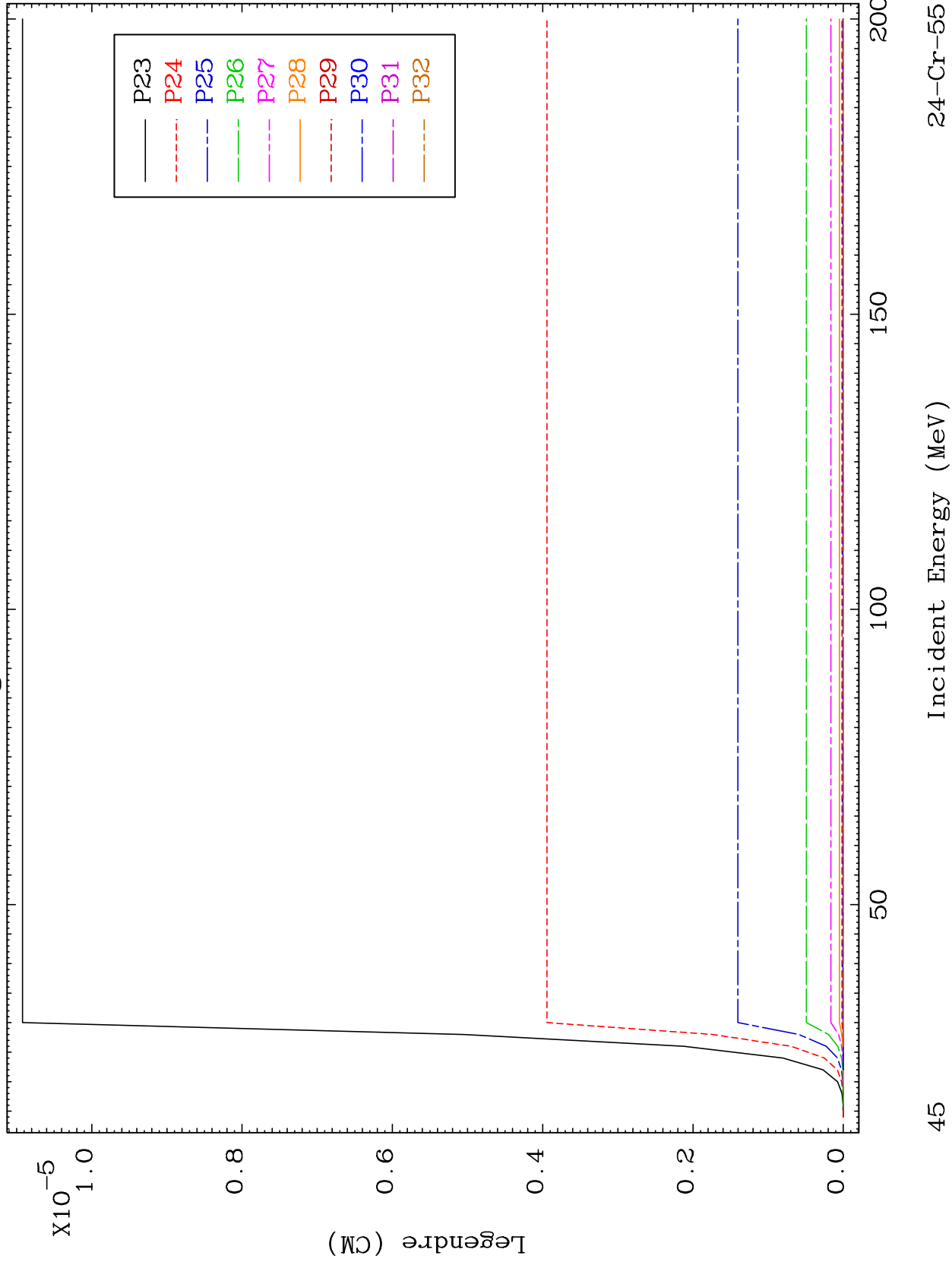
24-Cr-55

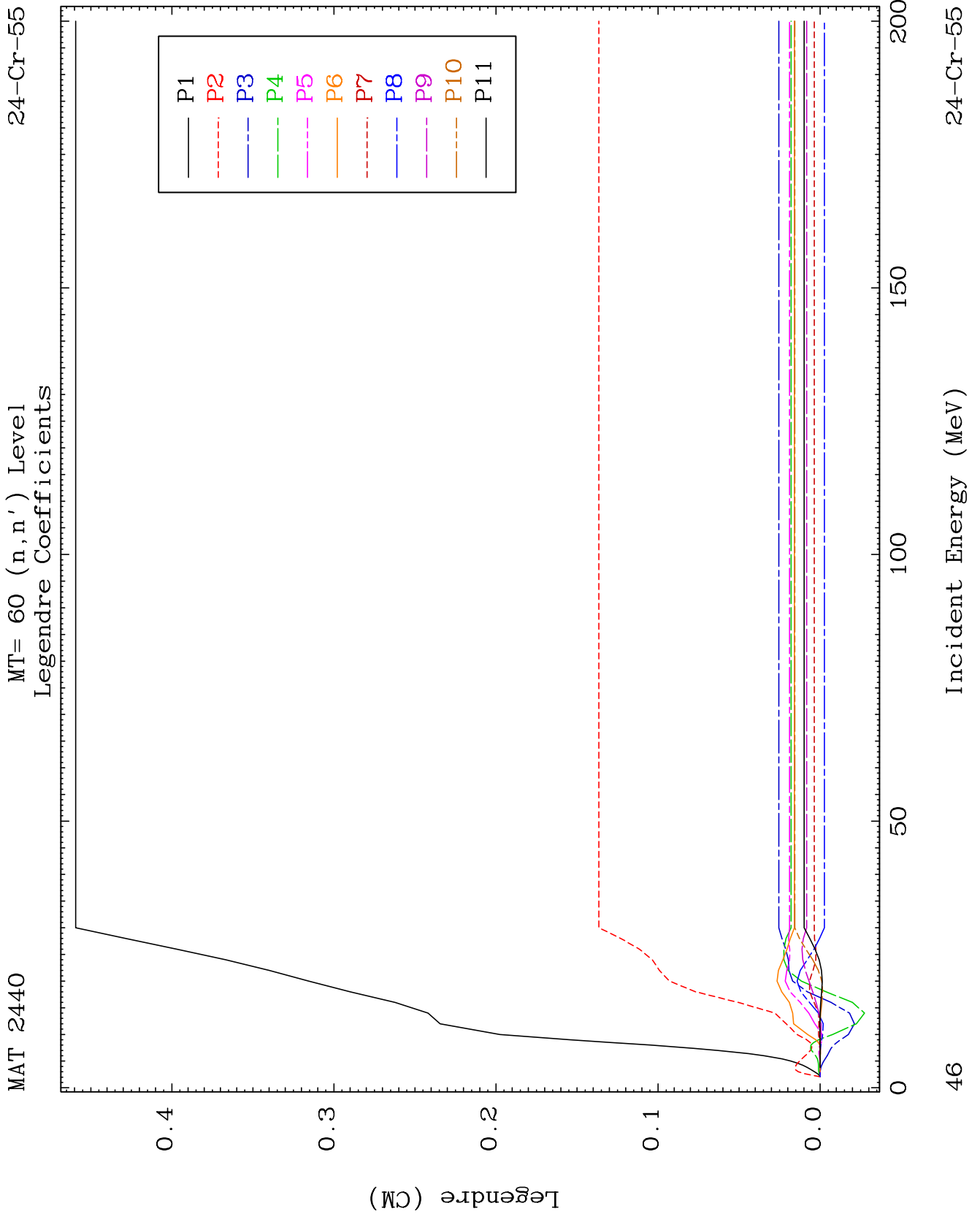


MAT 2440

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

24-Cr-55

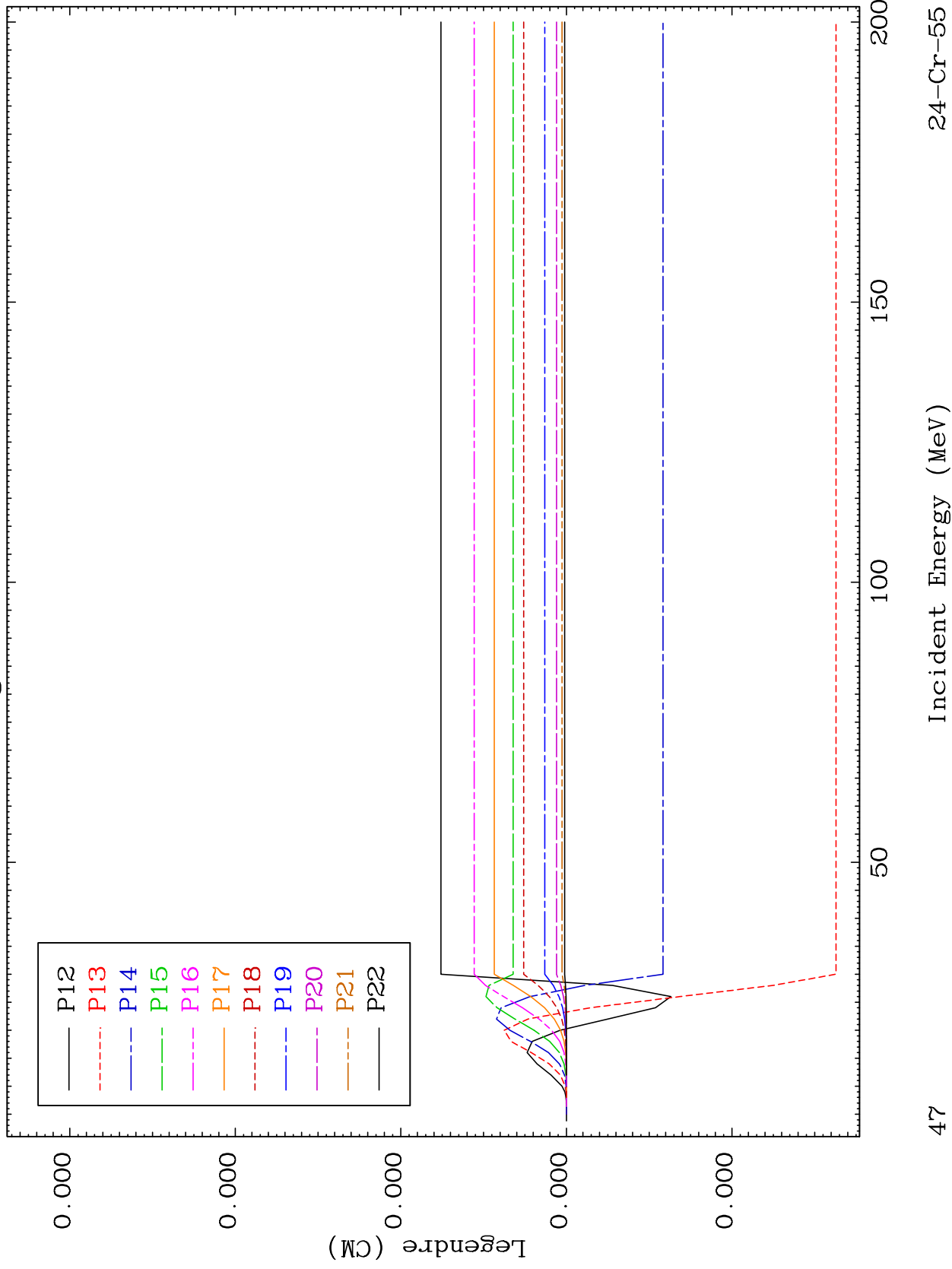


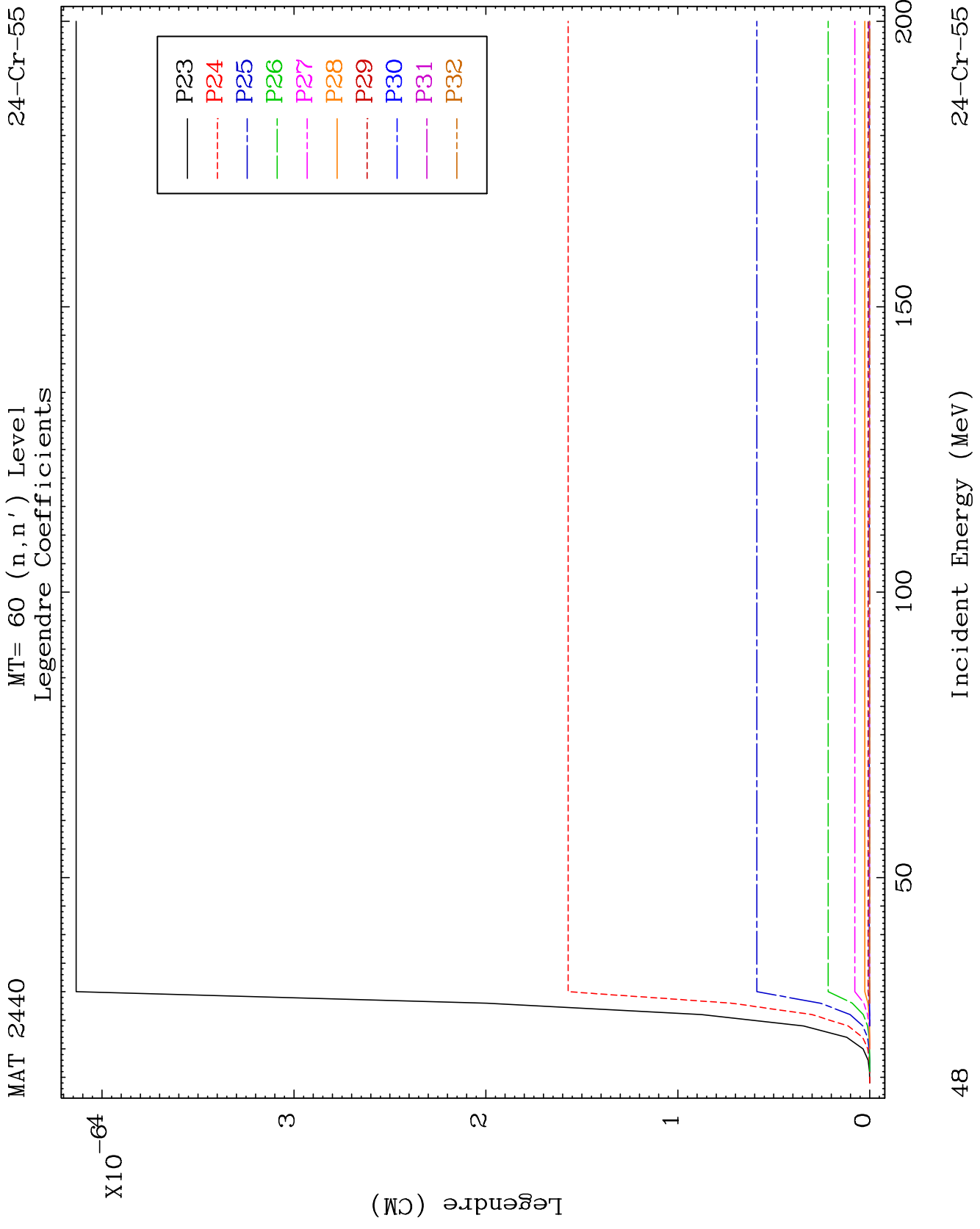


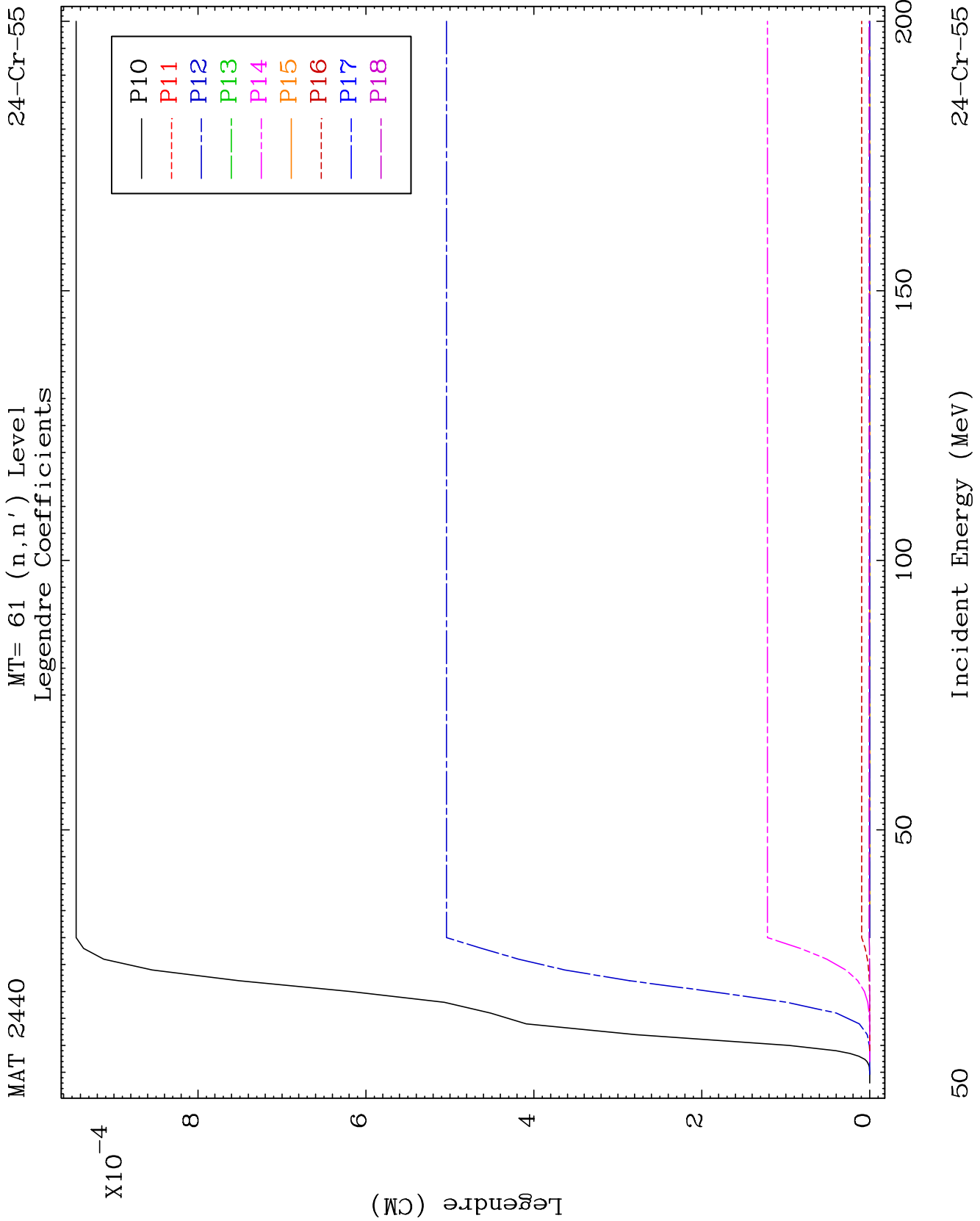
MAT 2440

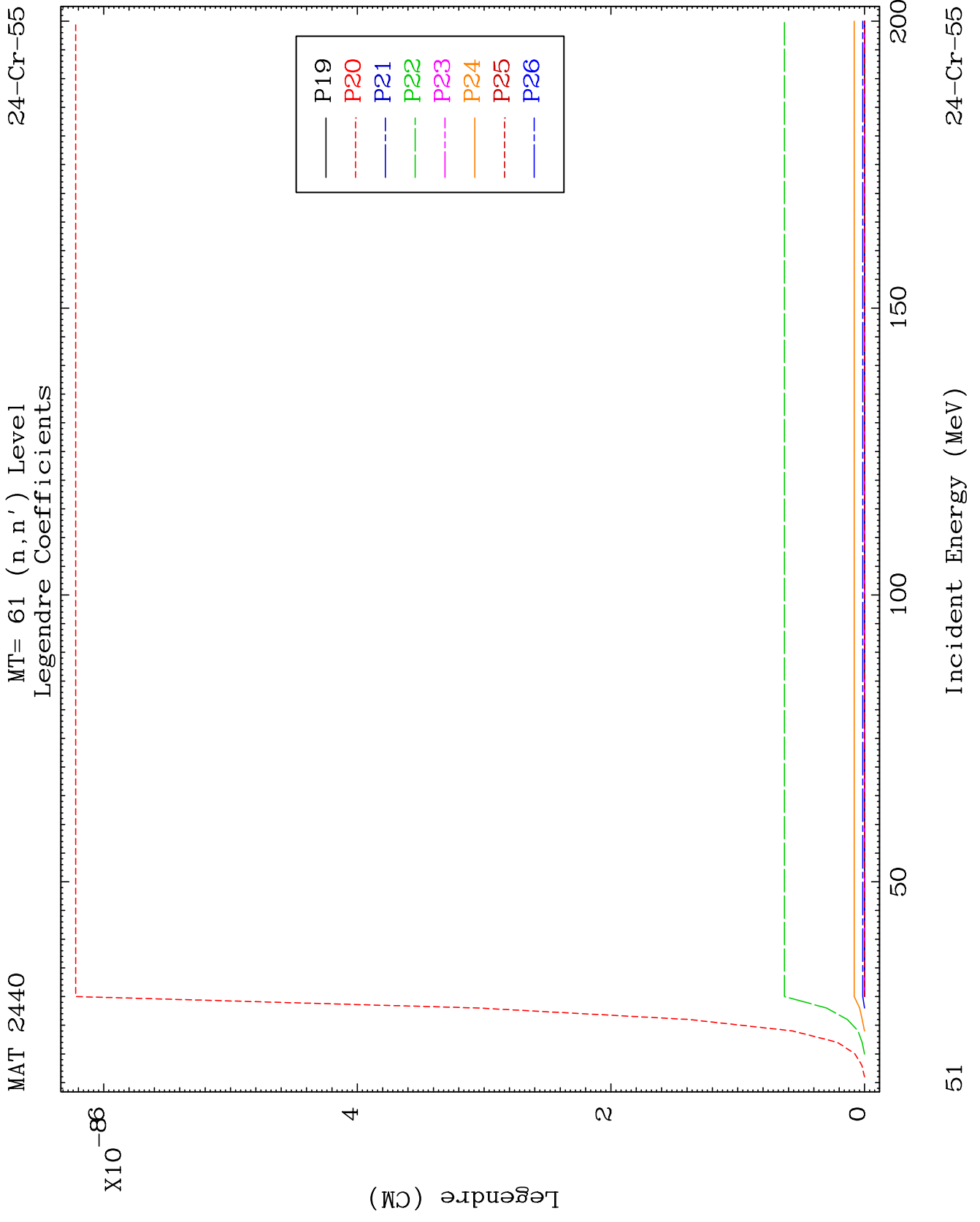
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Legendre Coefficients

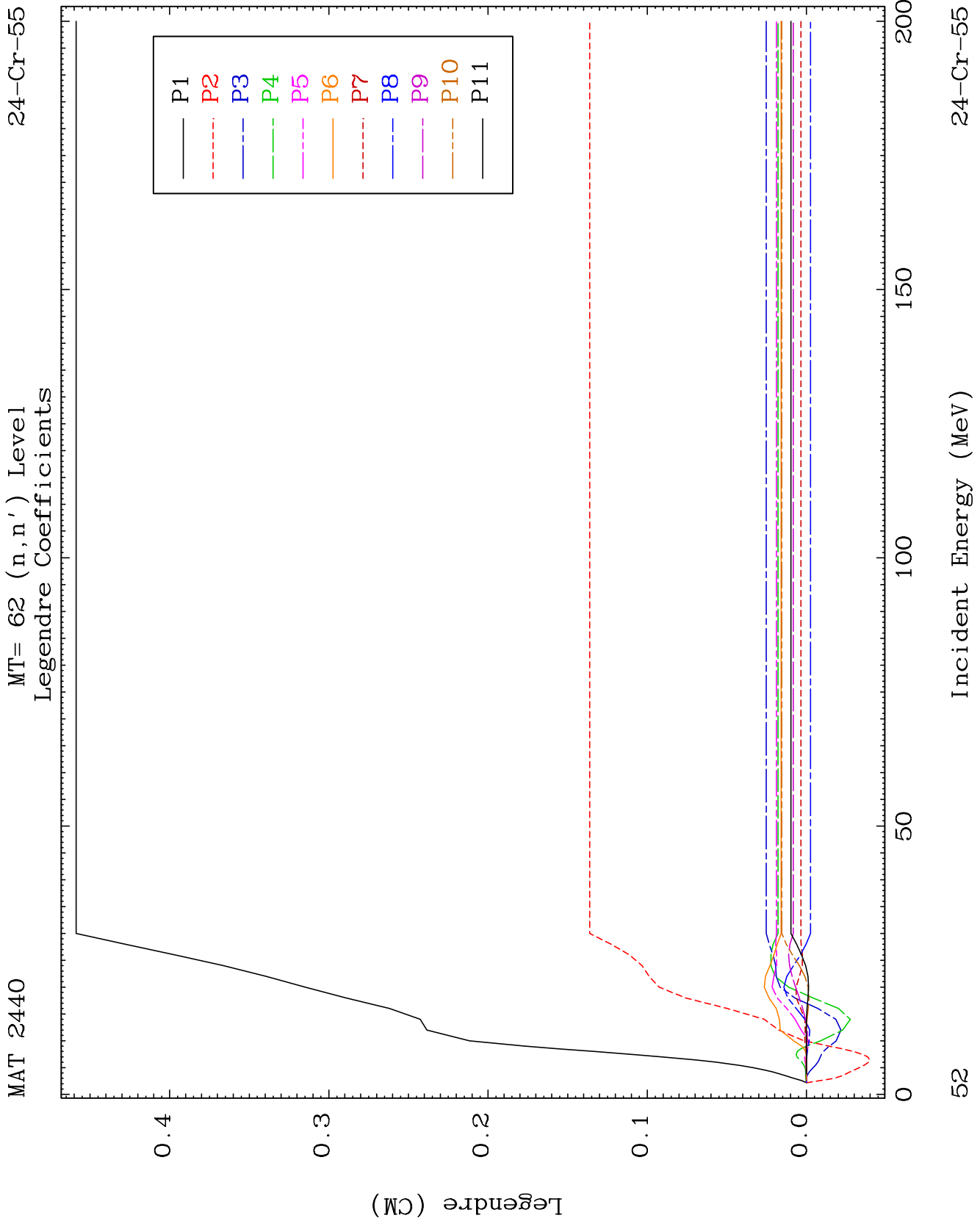
24-Cr-55







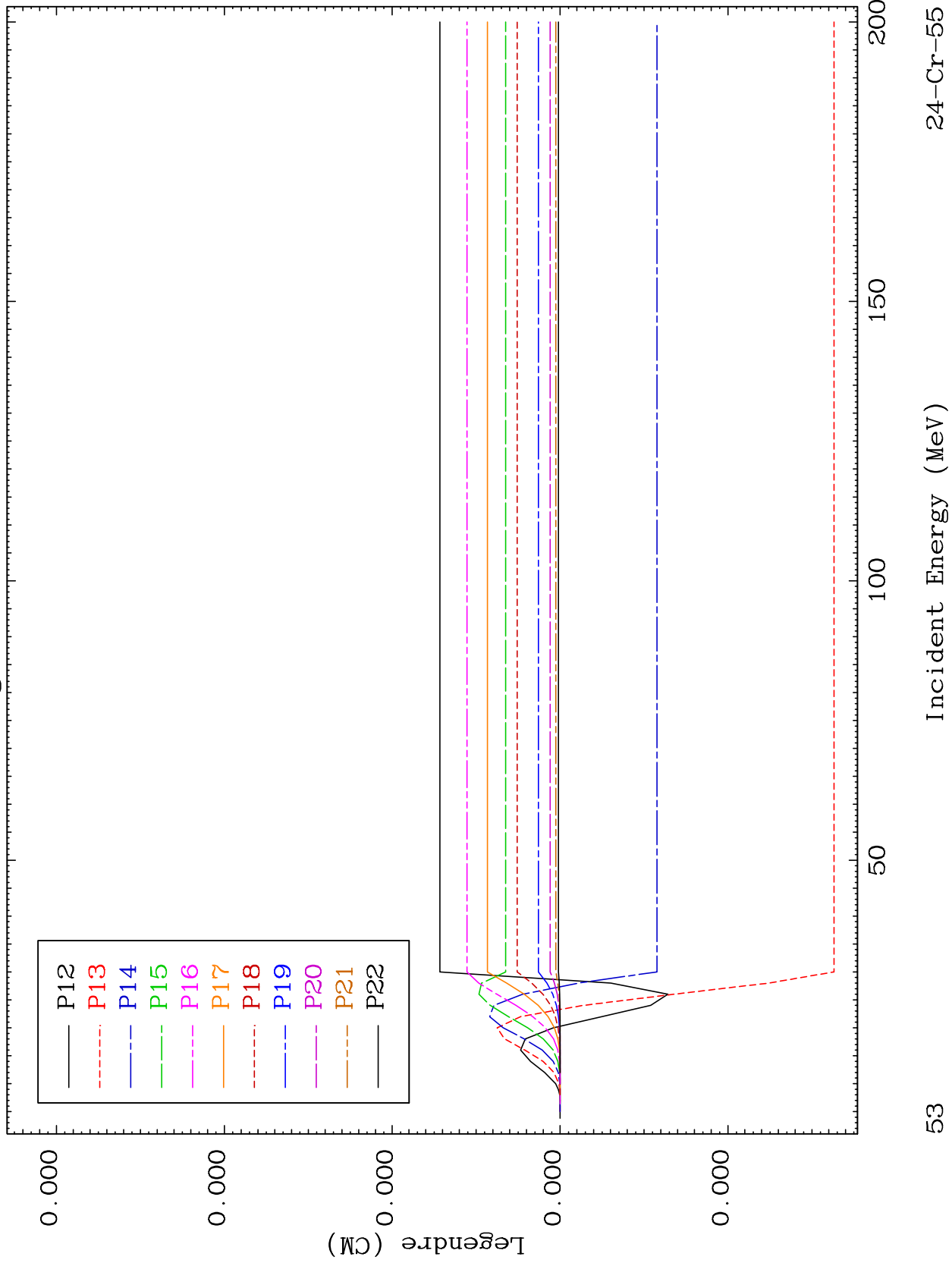




MAT 2440

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

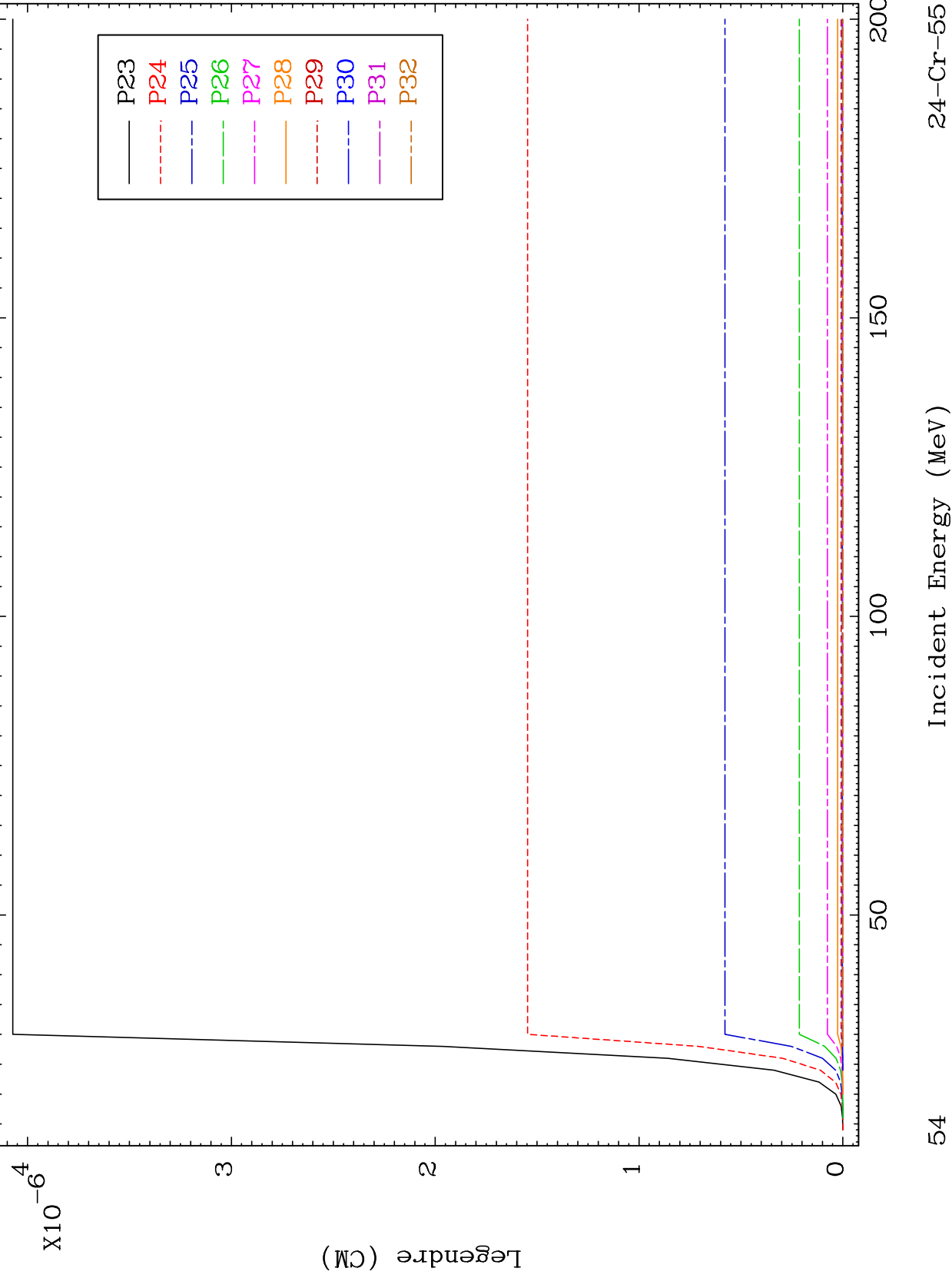
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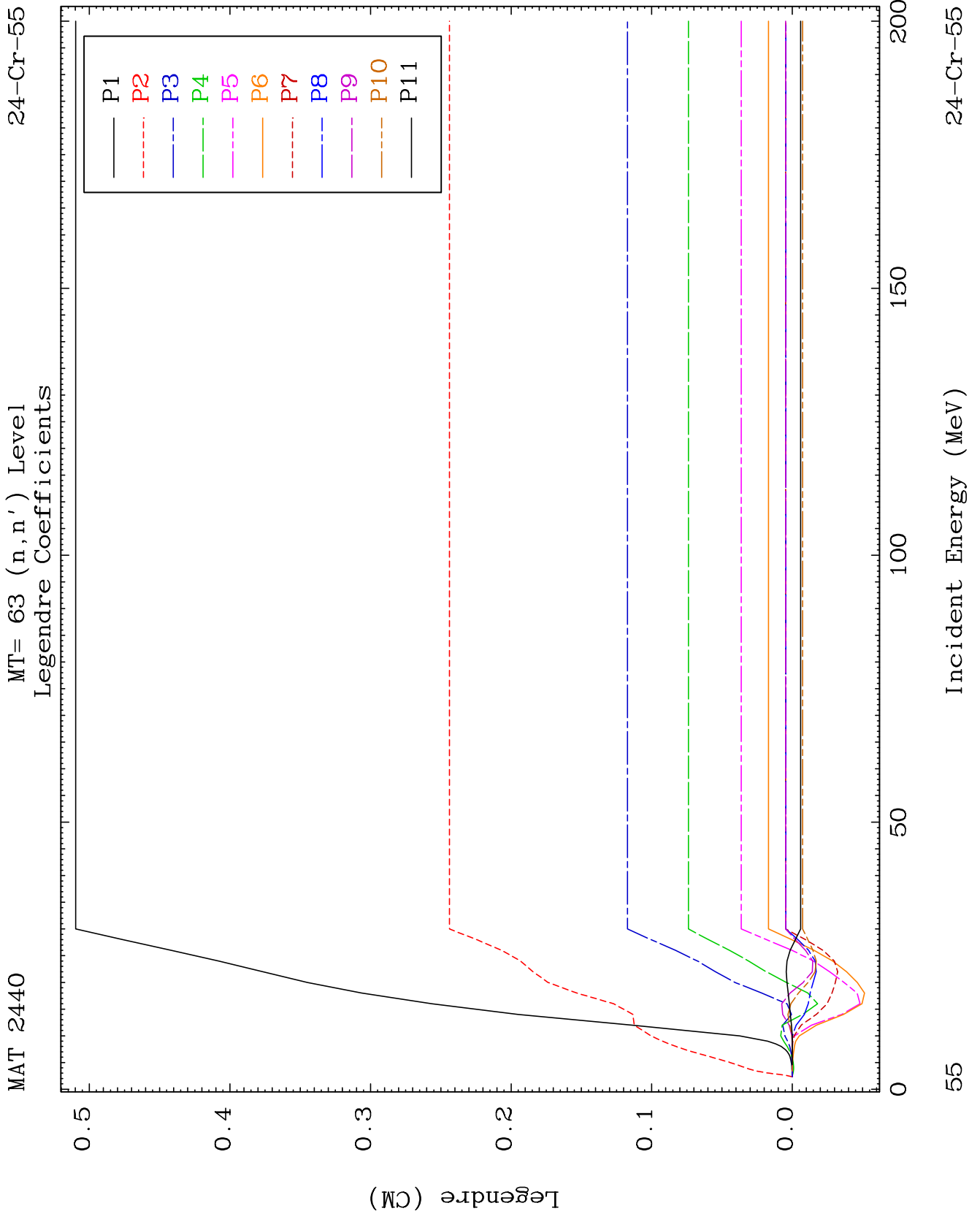


MAT 2440

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

24-Cr-55

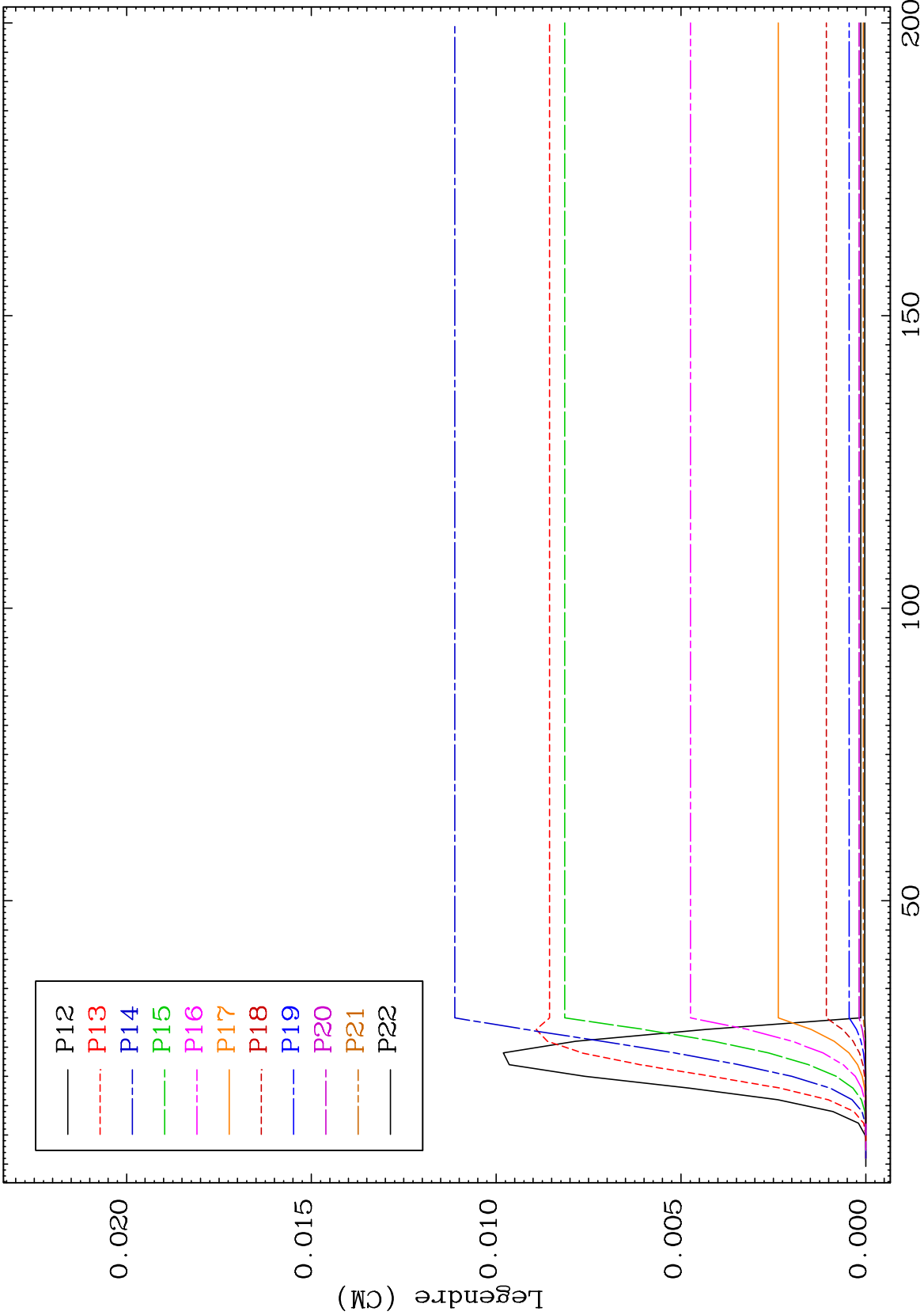




MAT 2440

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

24-Cr-55



56

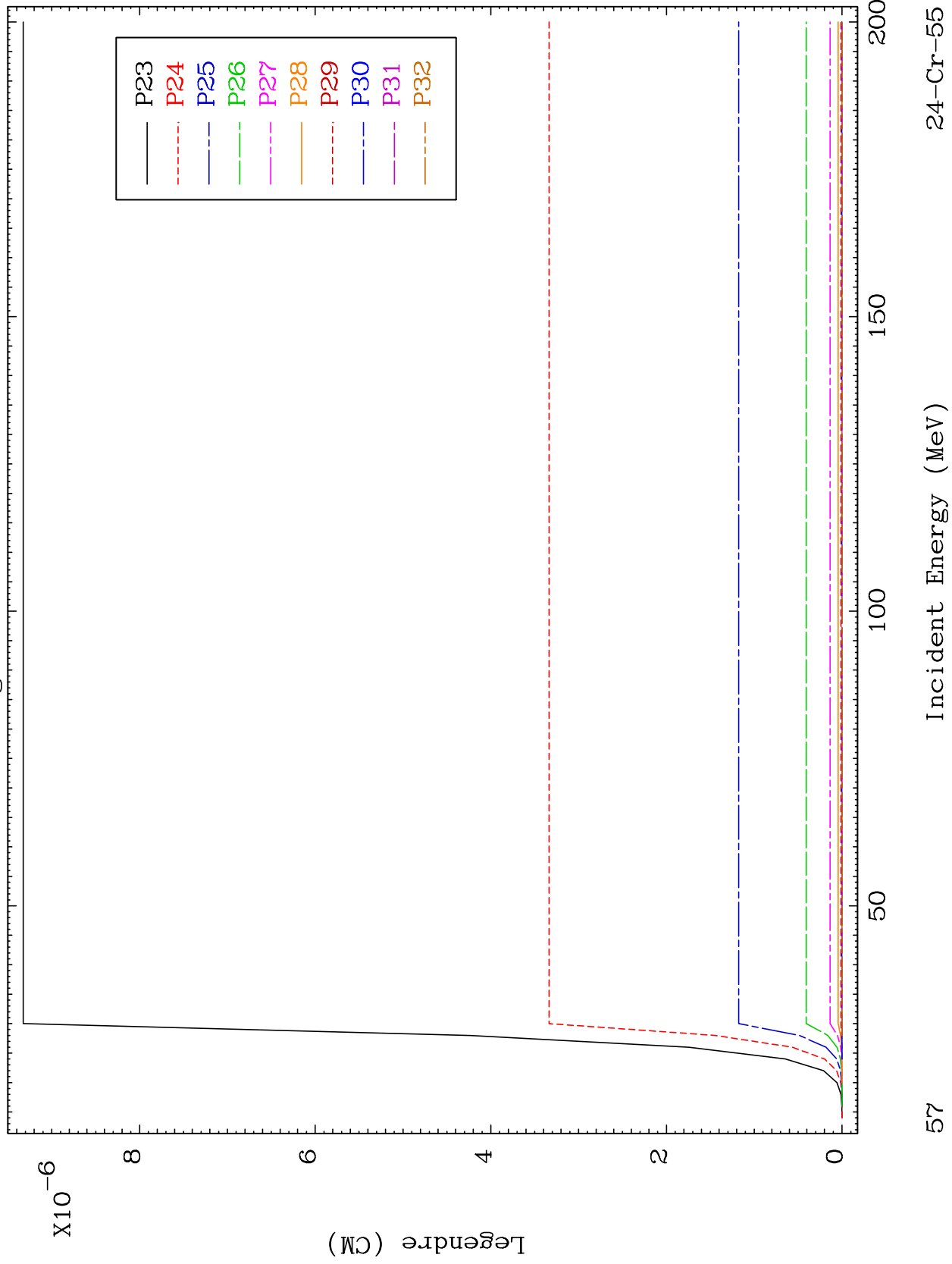
Incident Energy (MeV)

24-Cr-55

MAT 2440

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

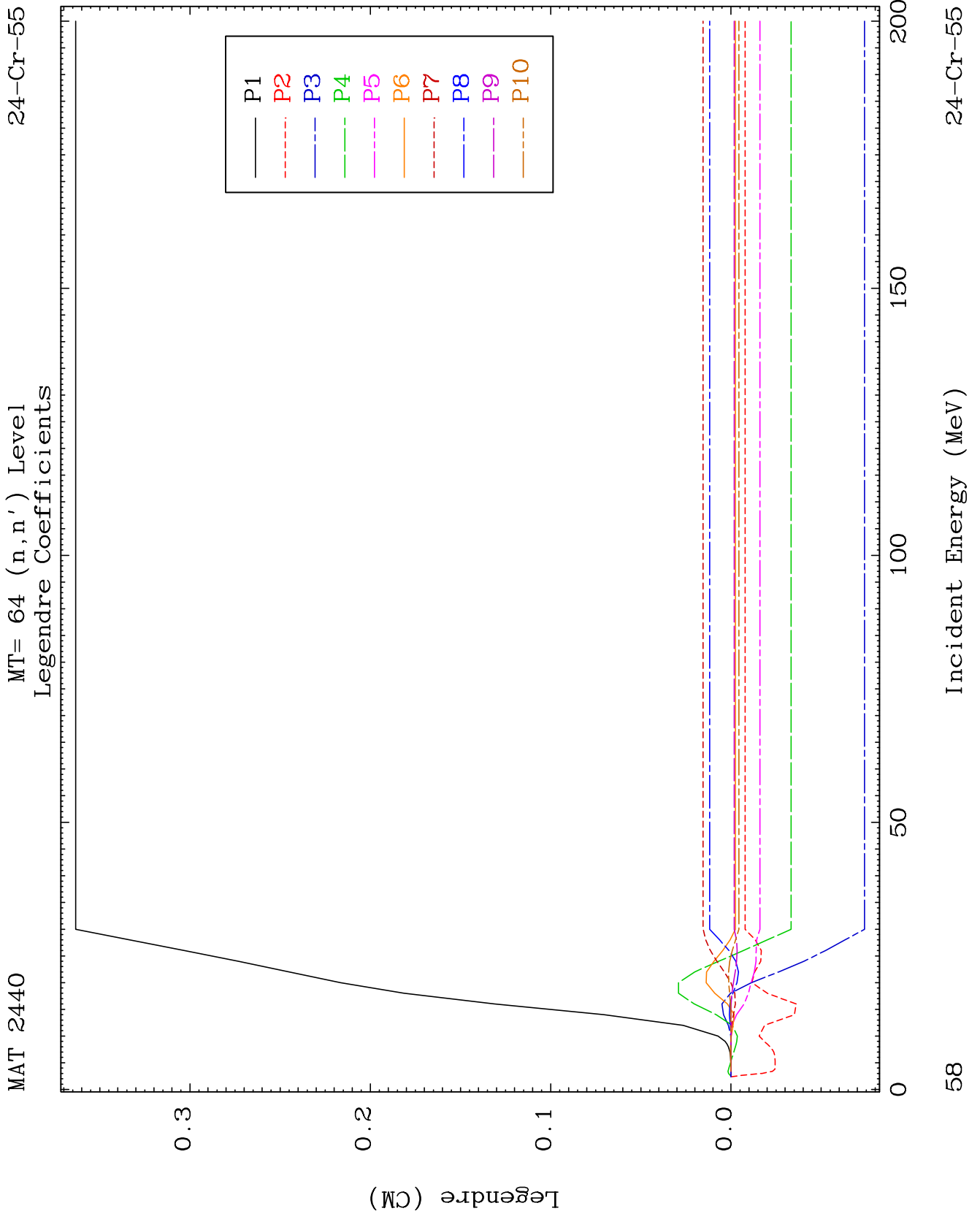
24-Cr-55



57

Incident Energy (MeV)

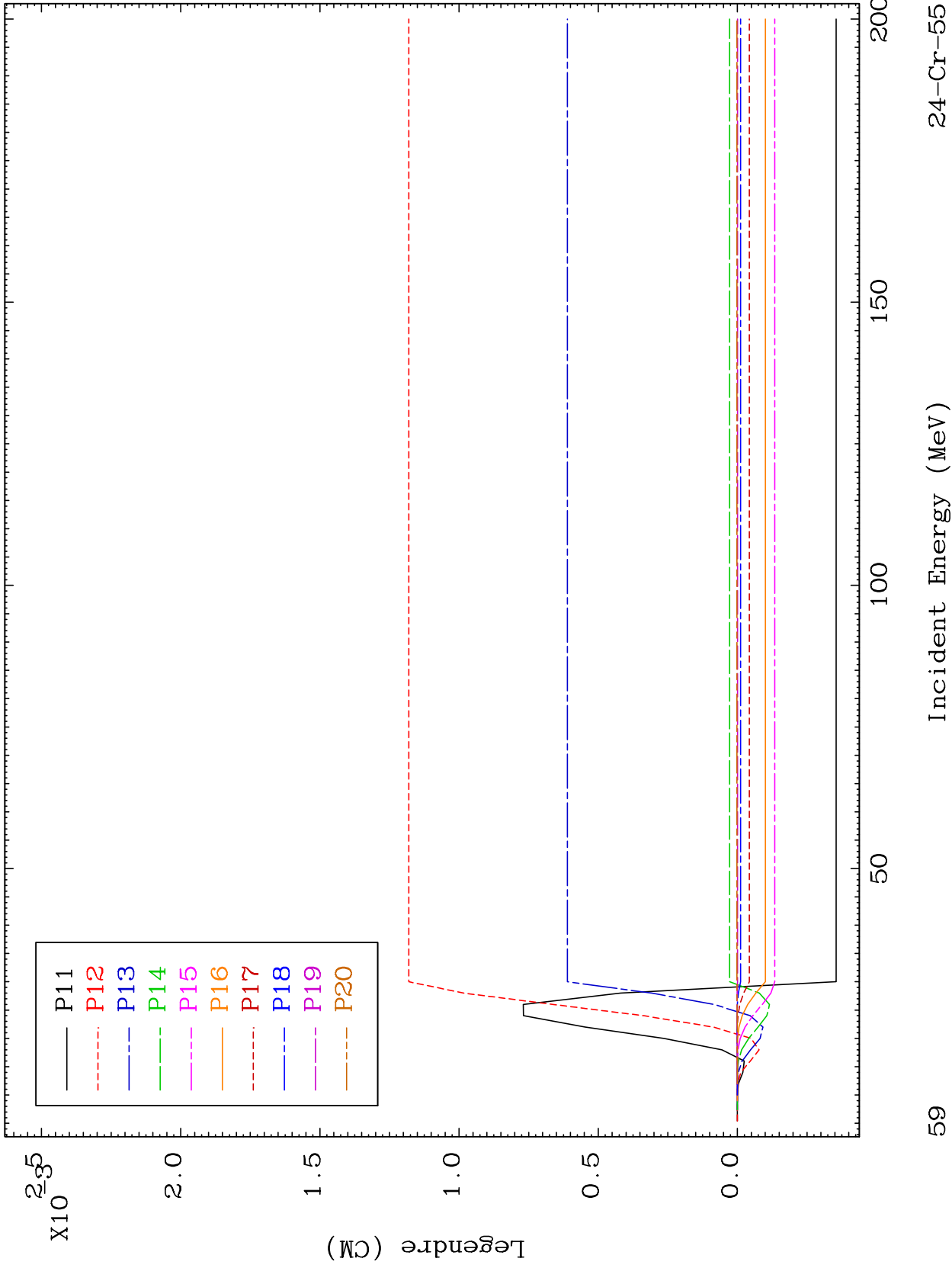
24-Cr-55



MAT 2440

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

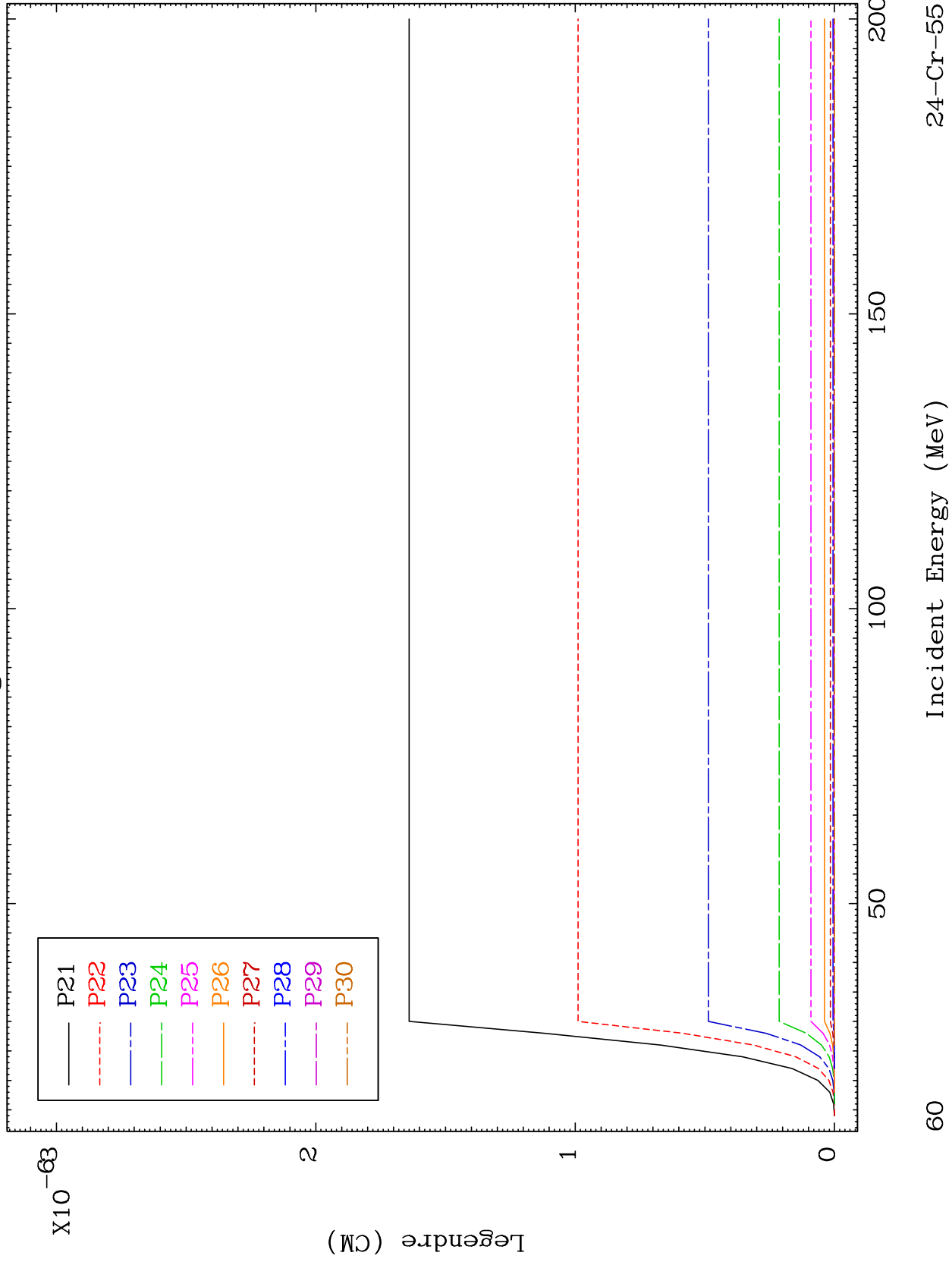
24-Cr-55

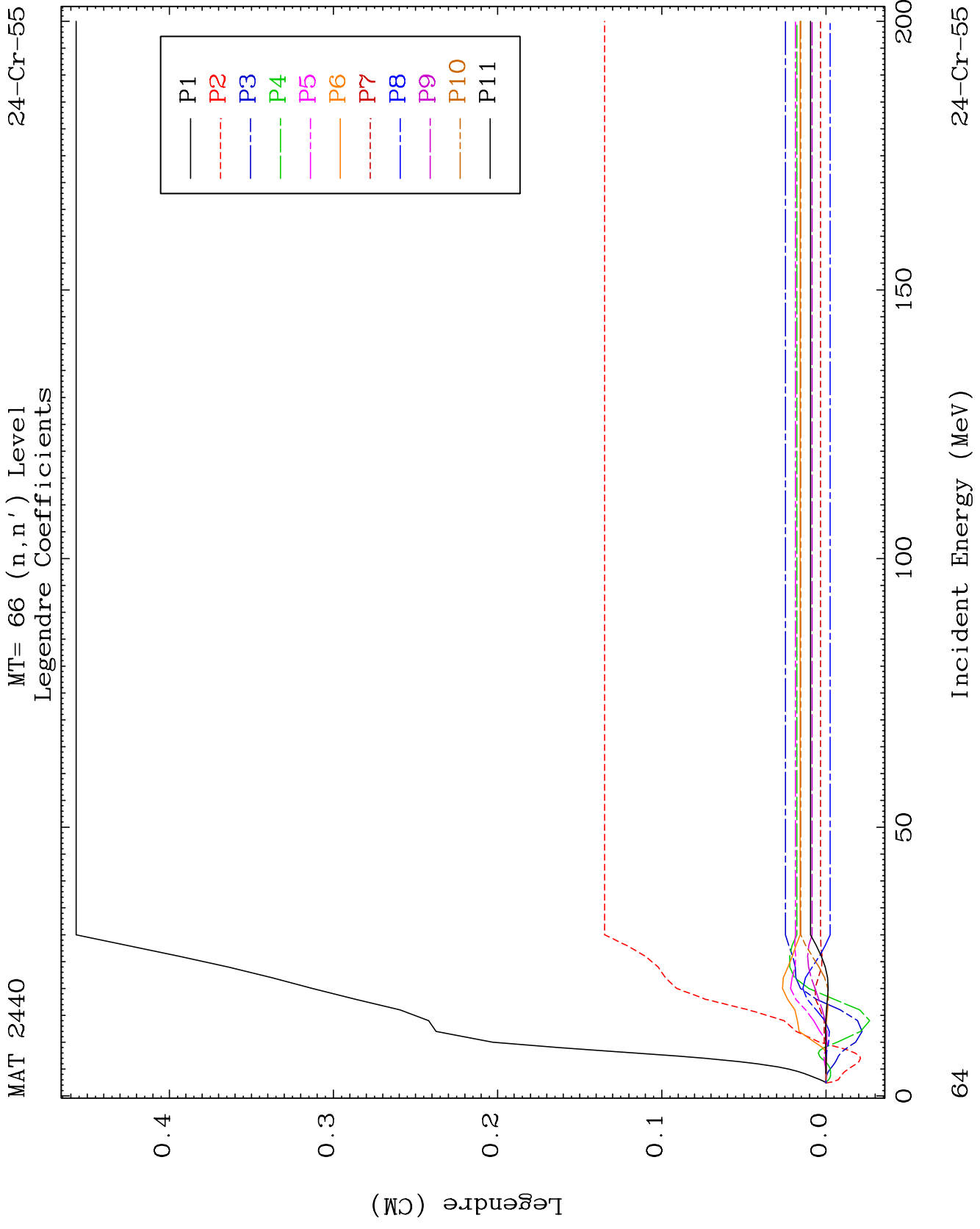


MAT 2440

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

24-Cr-55

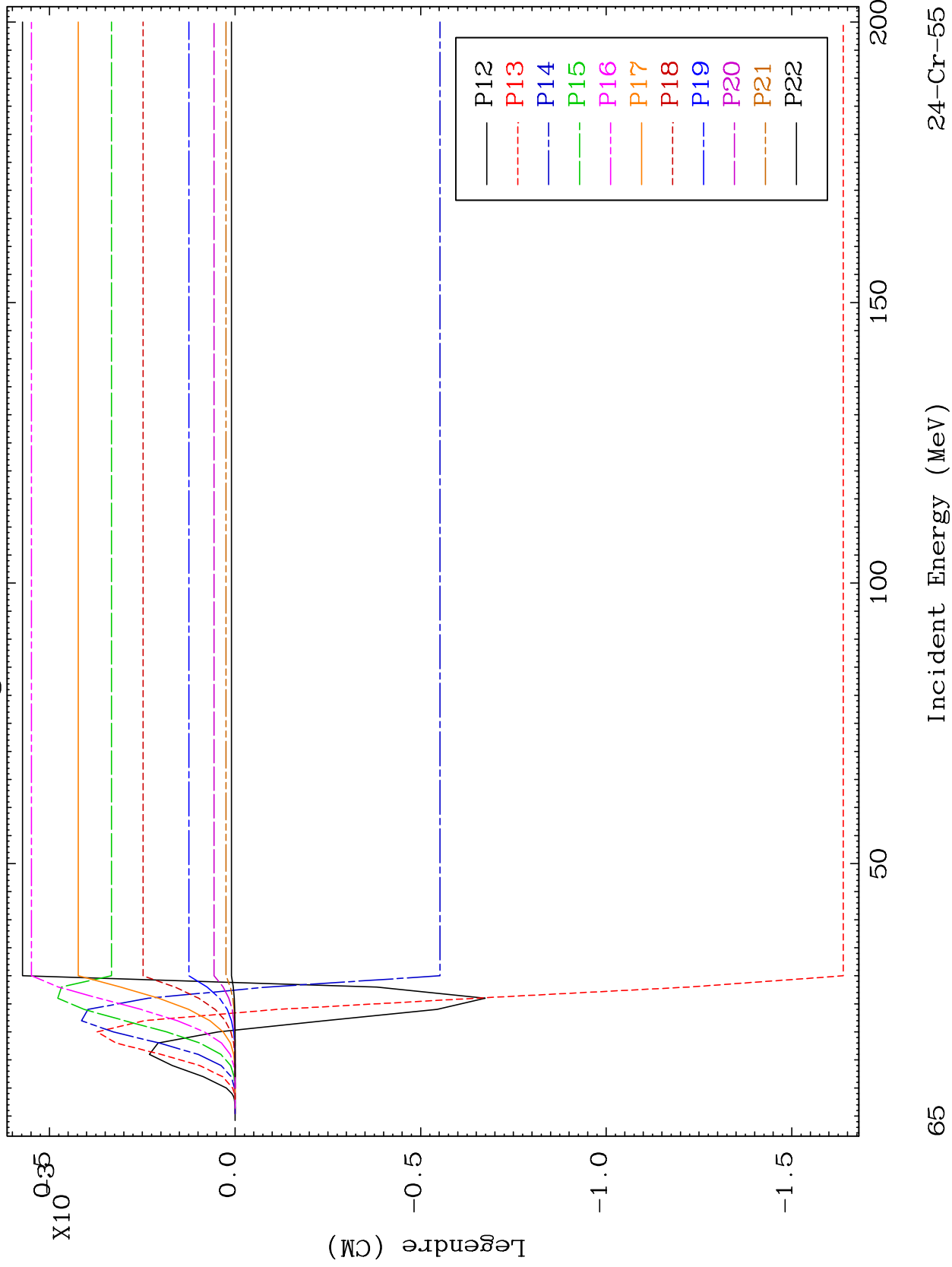




MAT 2440

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

24-Cr-55



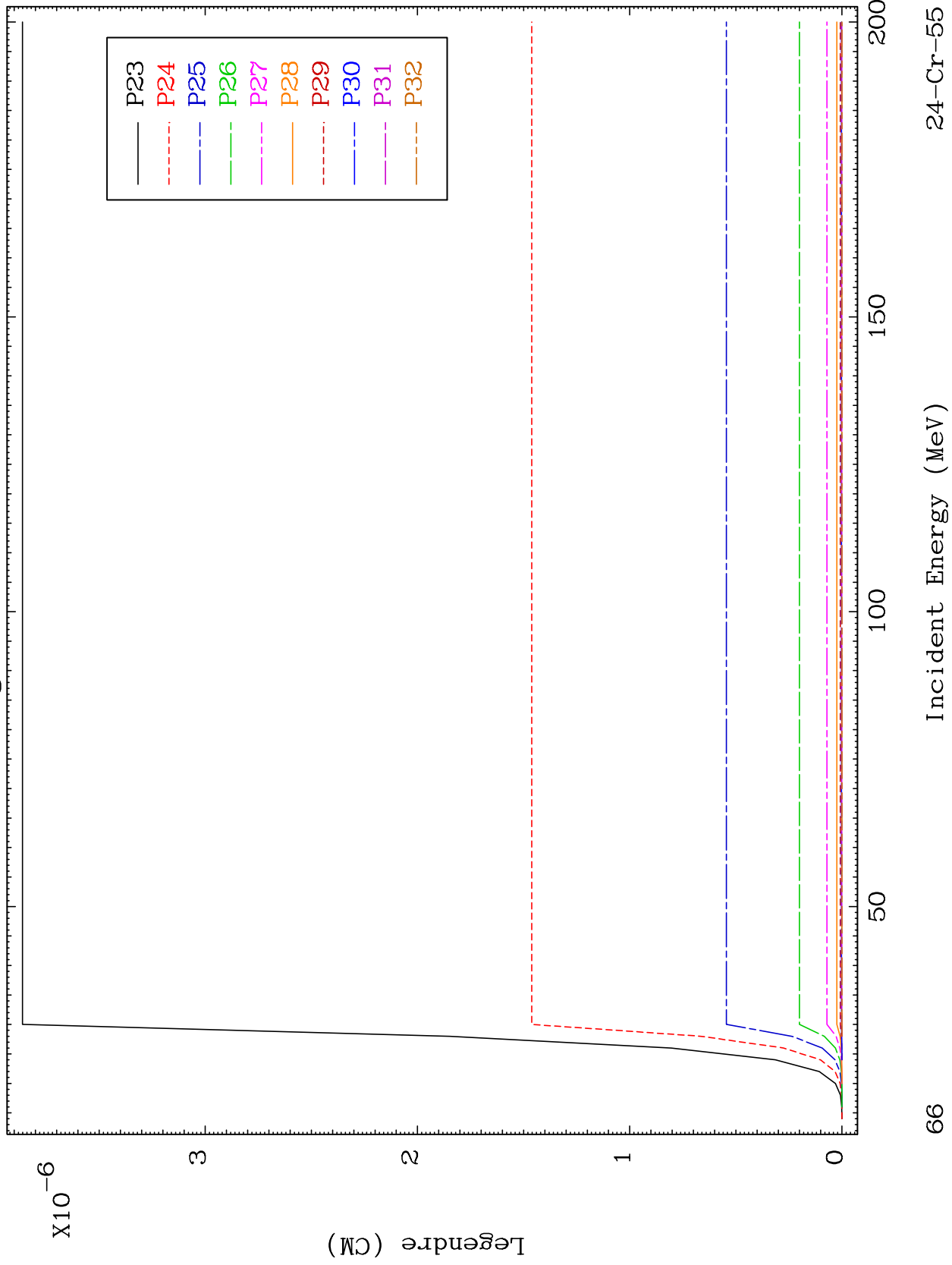
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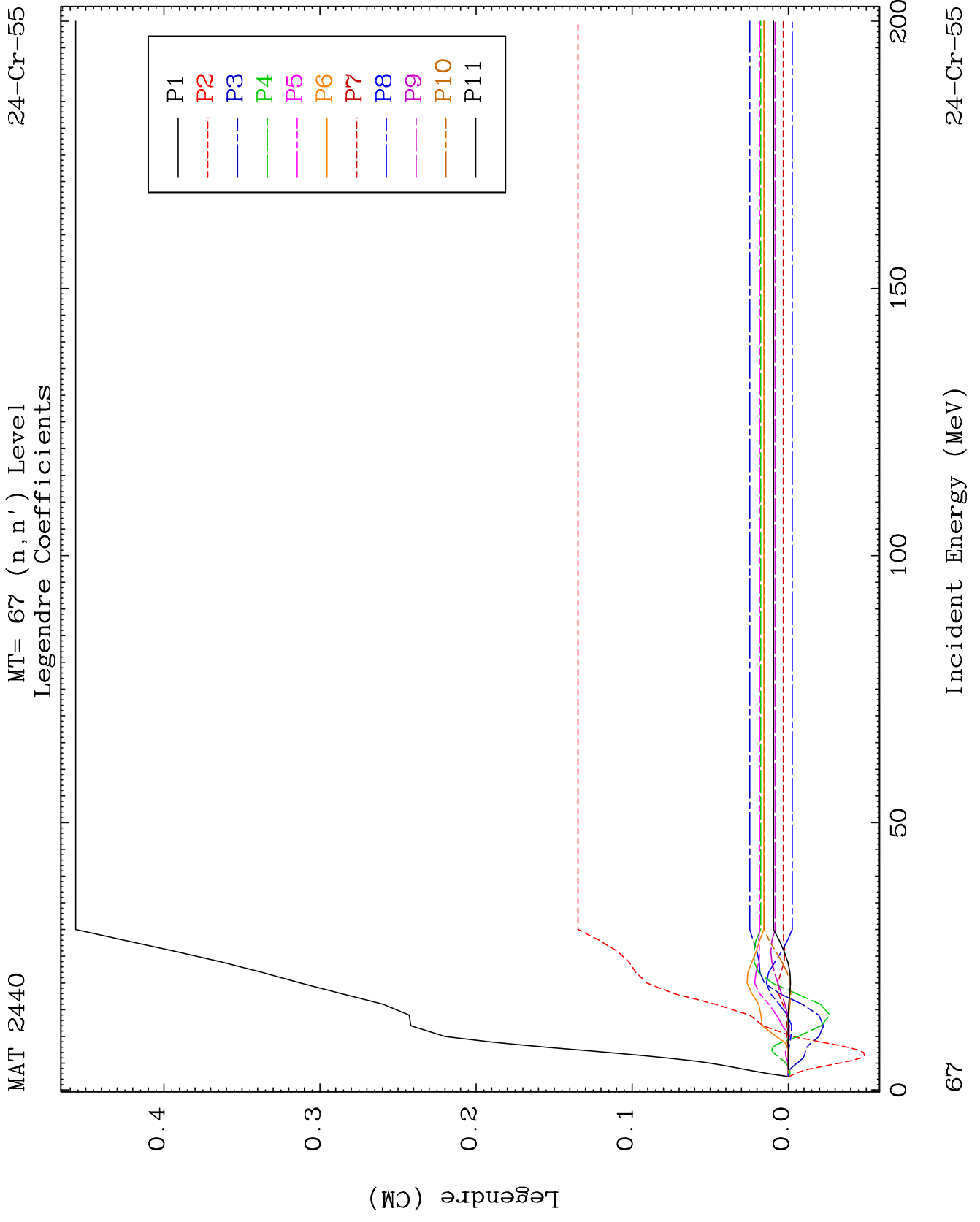
24-Cr-55

MAT 2440

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

24-Cr-55

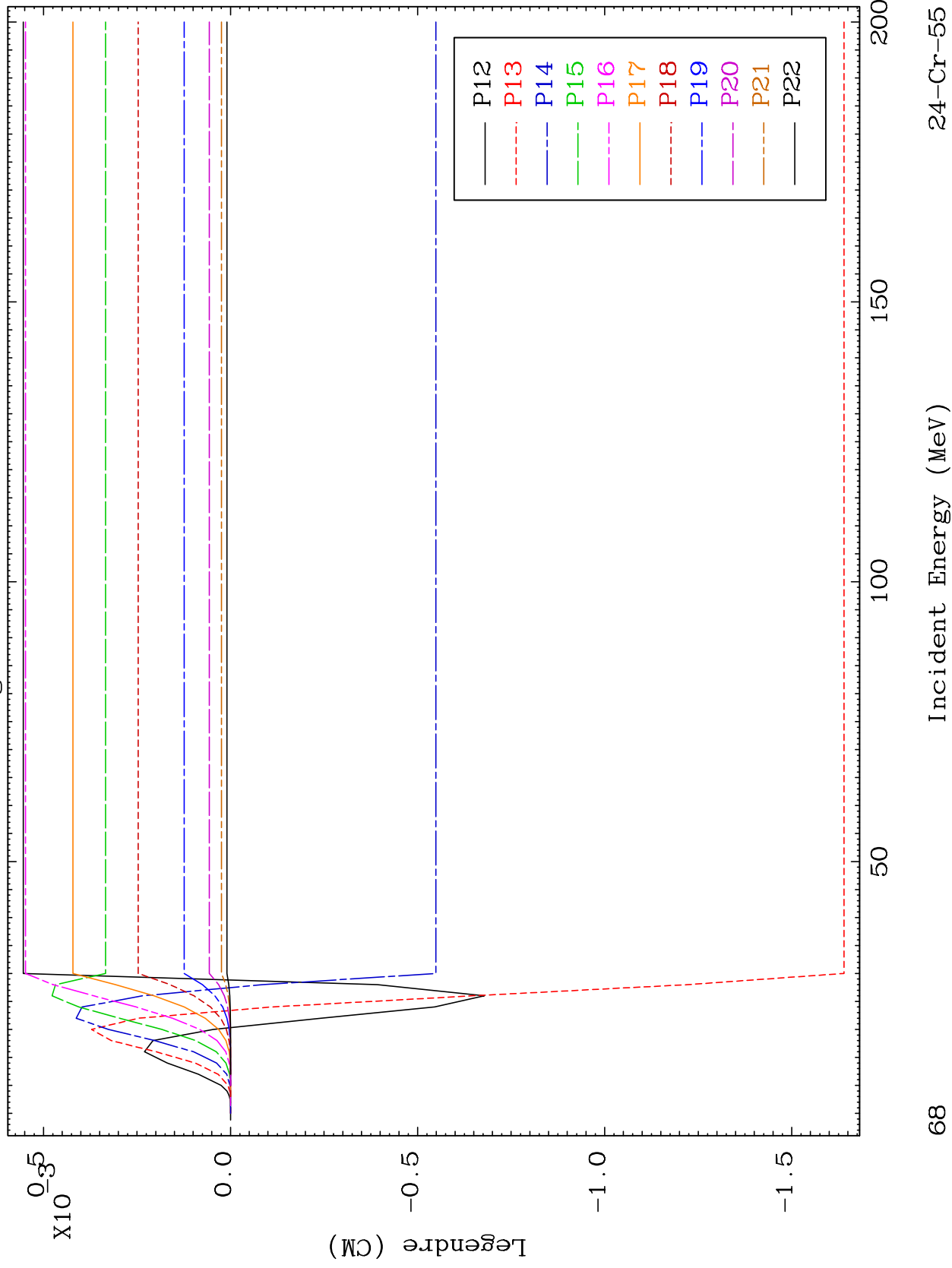




MAT 2440

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

24-Cr-55

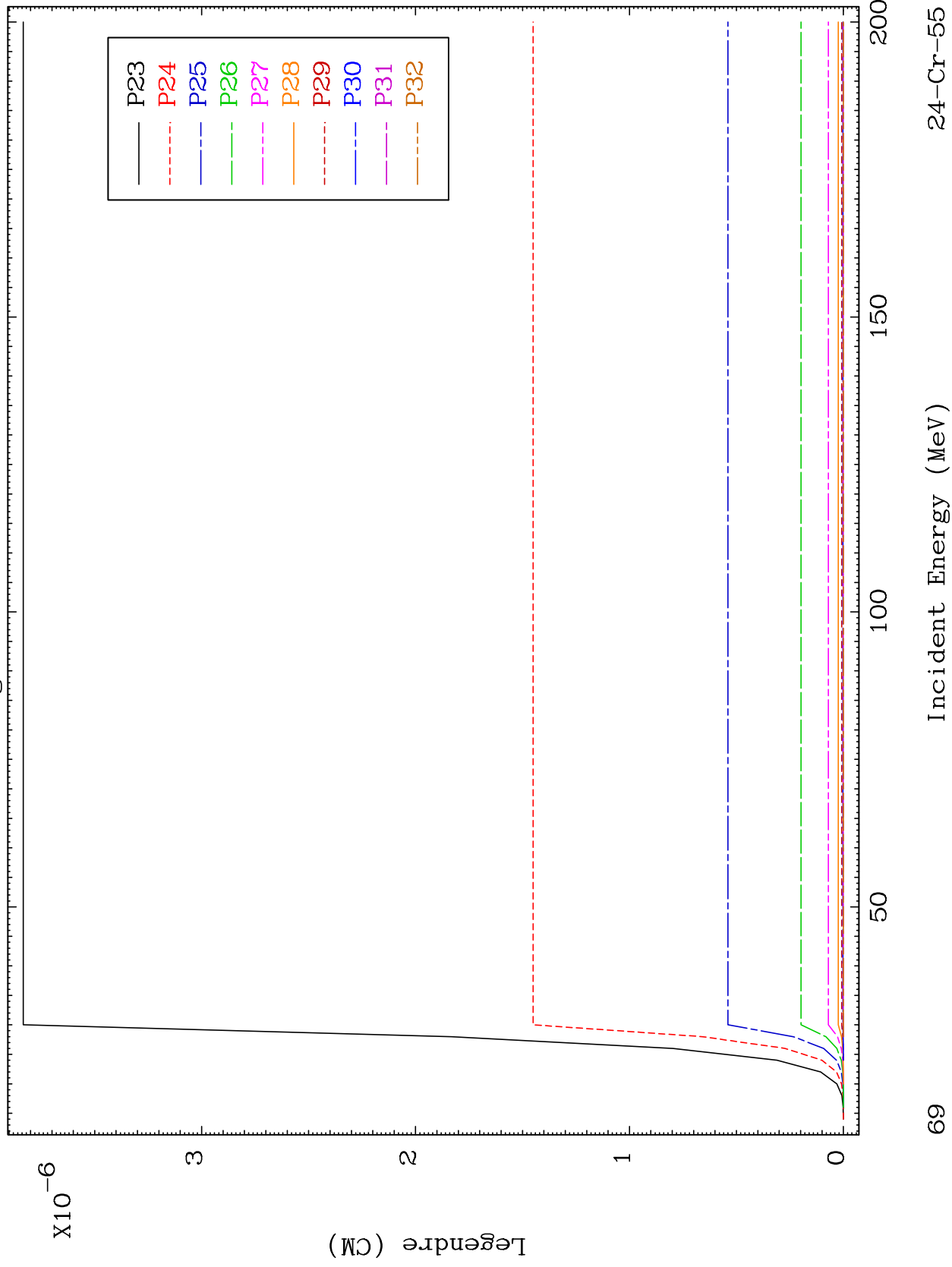


68

MAT 2440

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

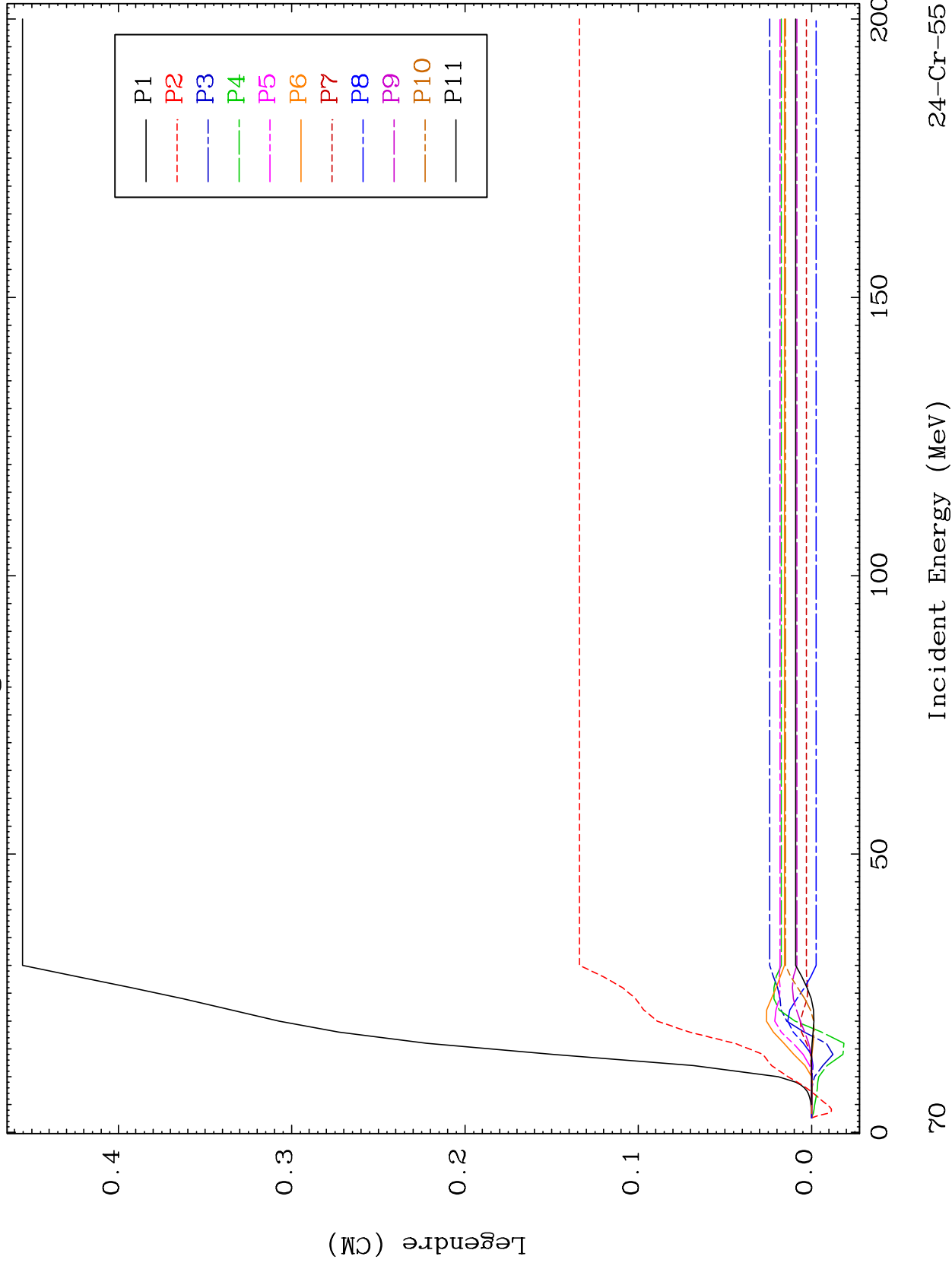
24-Cr-55



MAT 2440

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

24-Cr-55



24-Cr-55

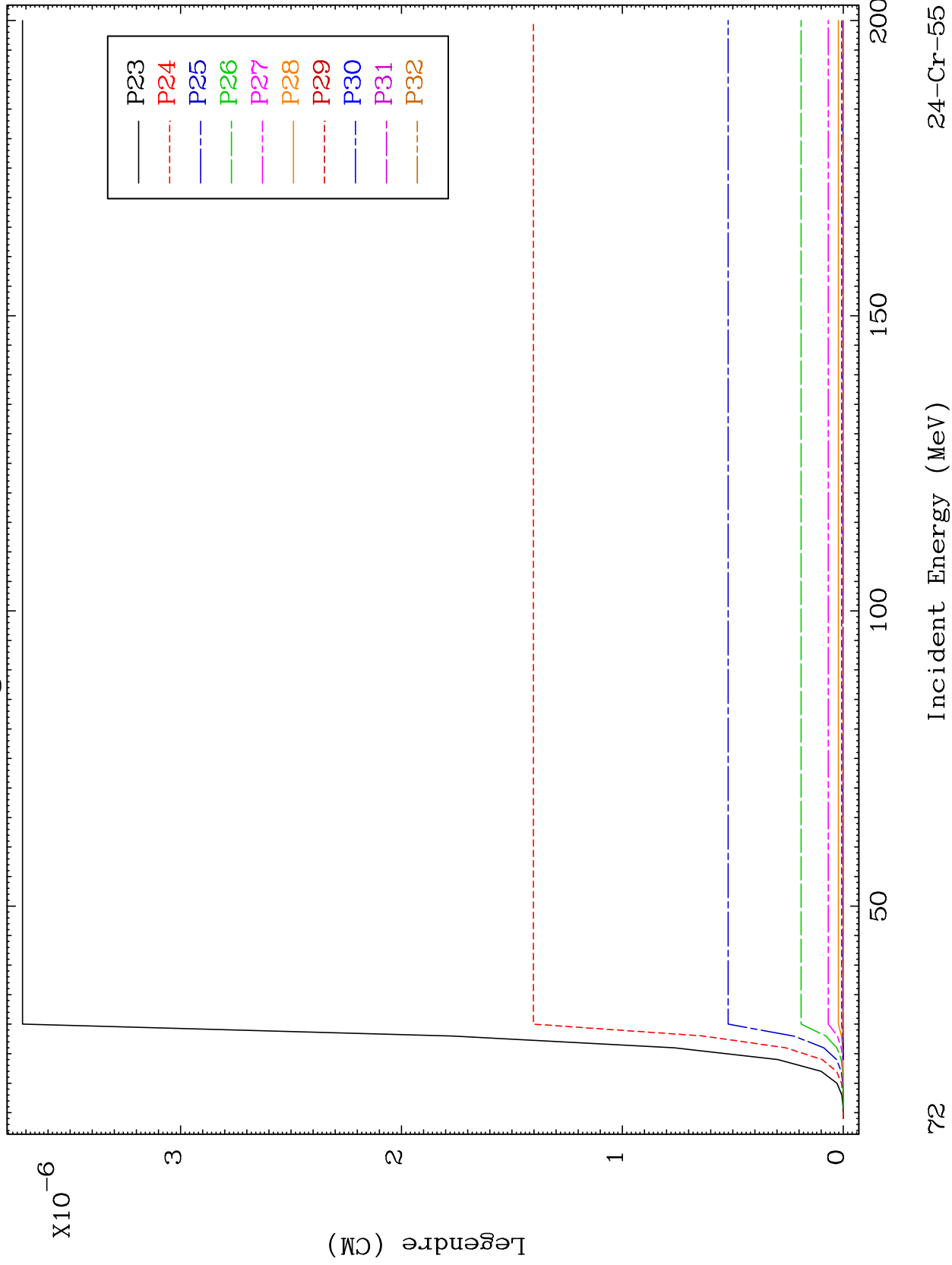
Incident Energy (MeV)

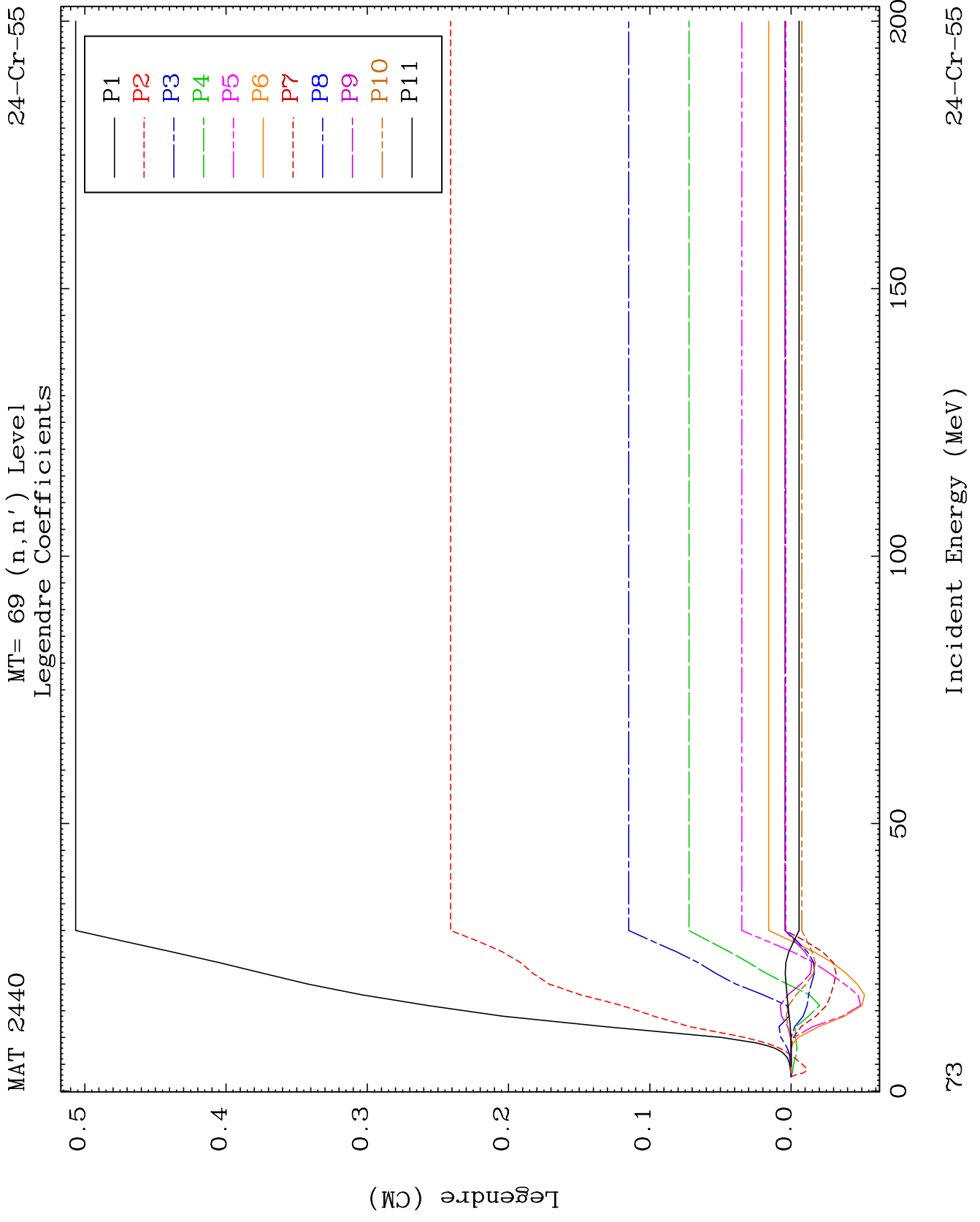
70

MAT 2440

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

24-Cr-55

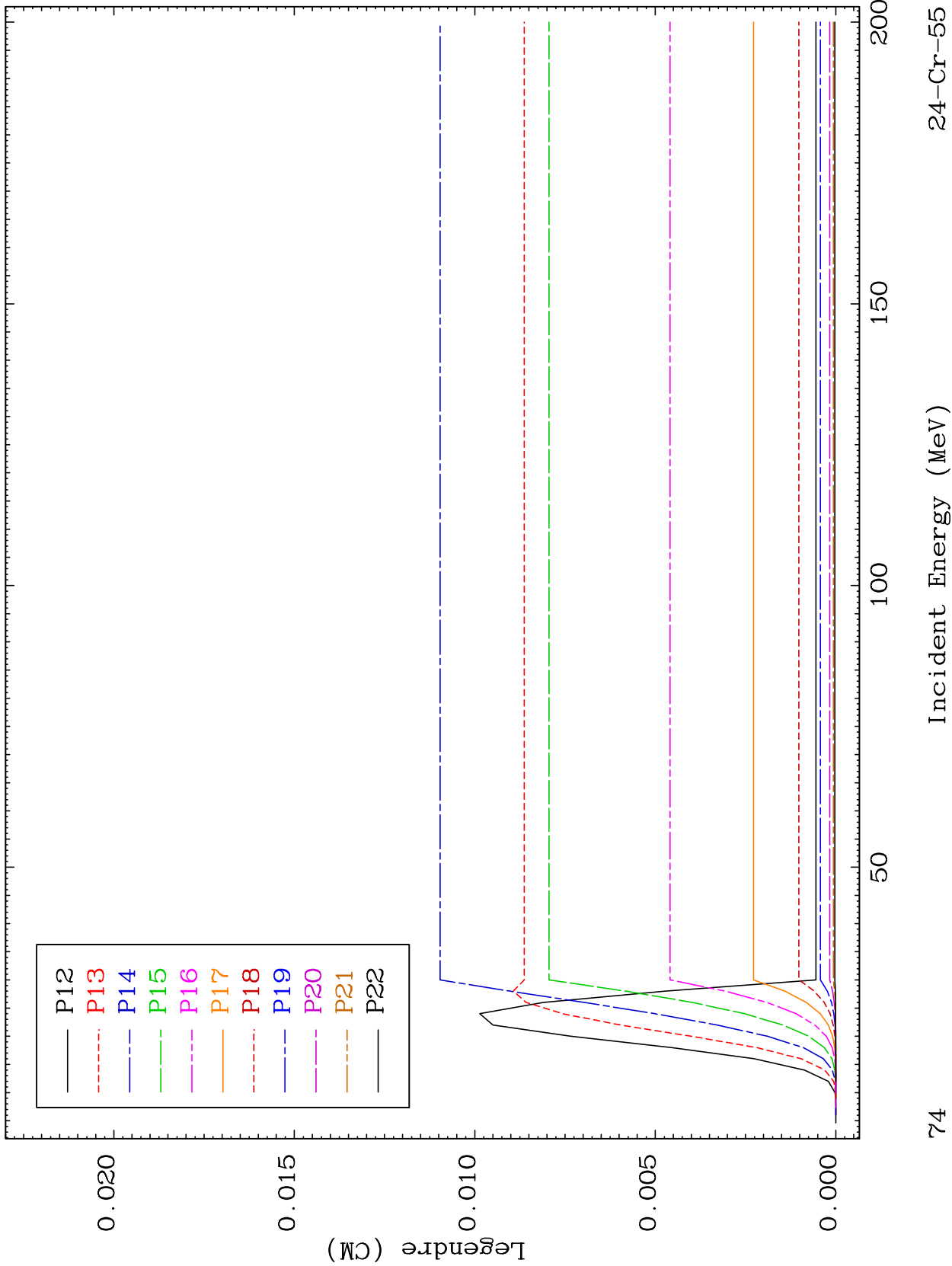


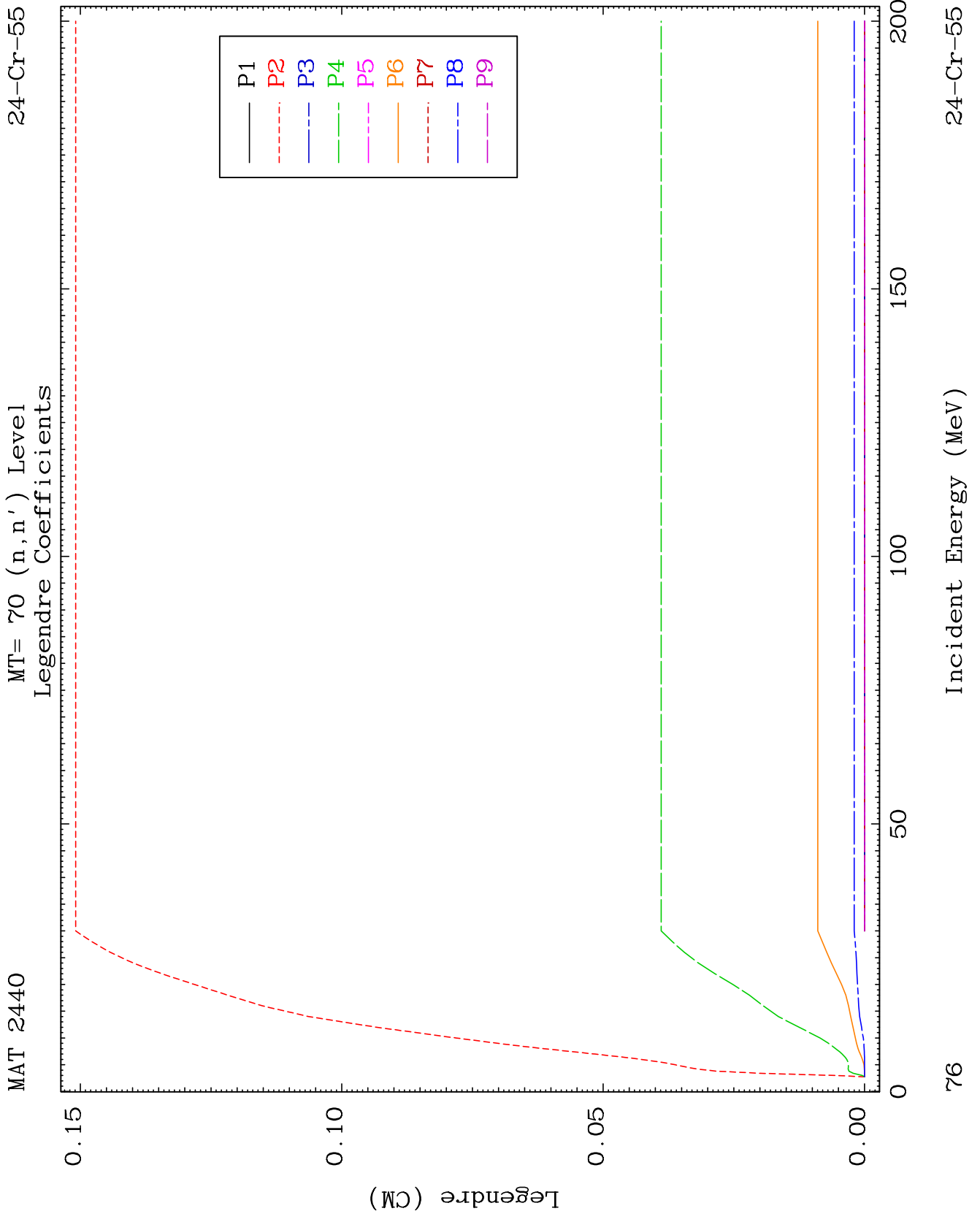


MAT 2440

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

24-Cr-55

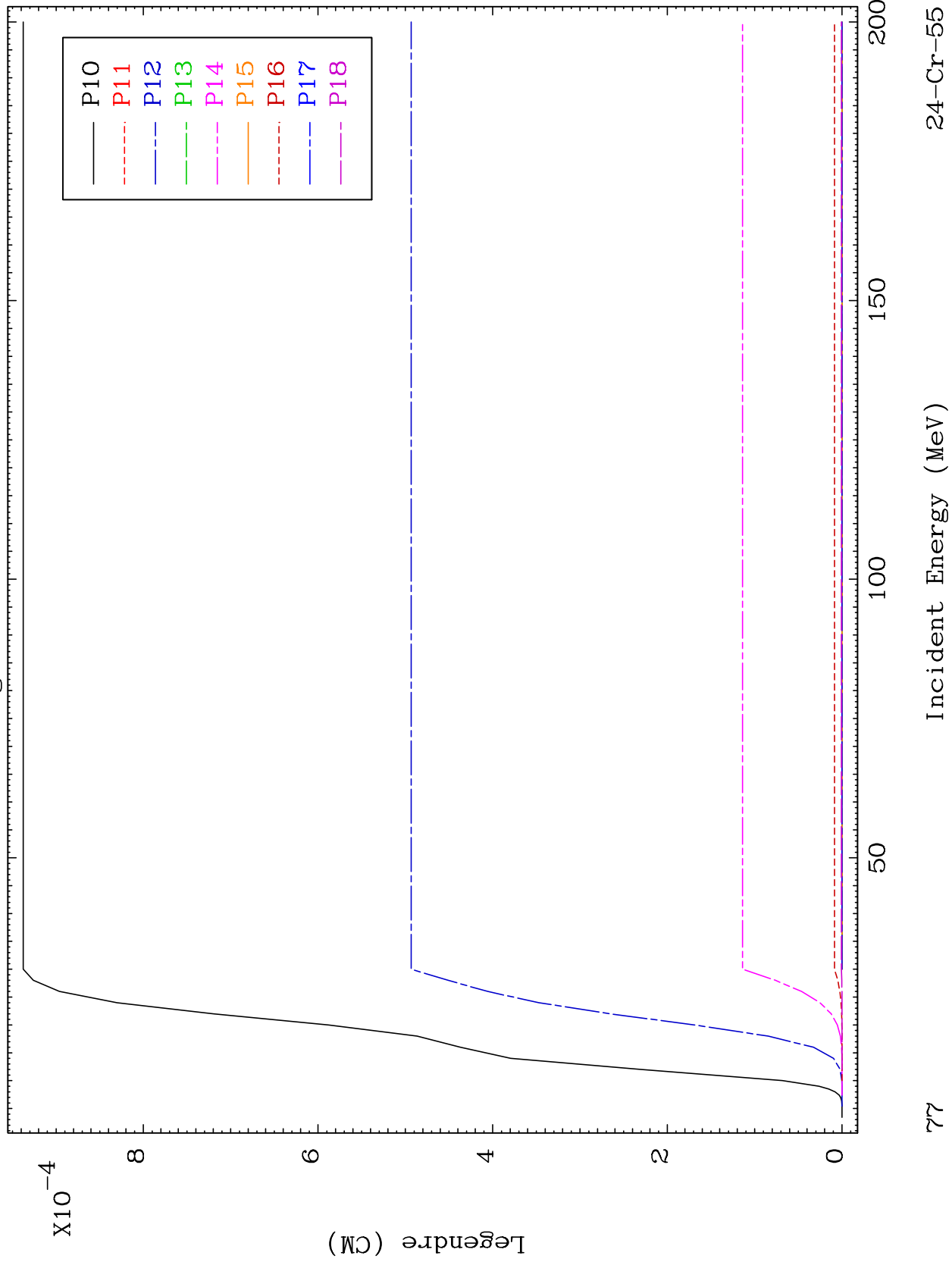




MAT 2440

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

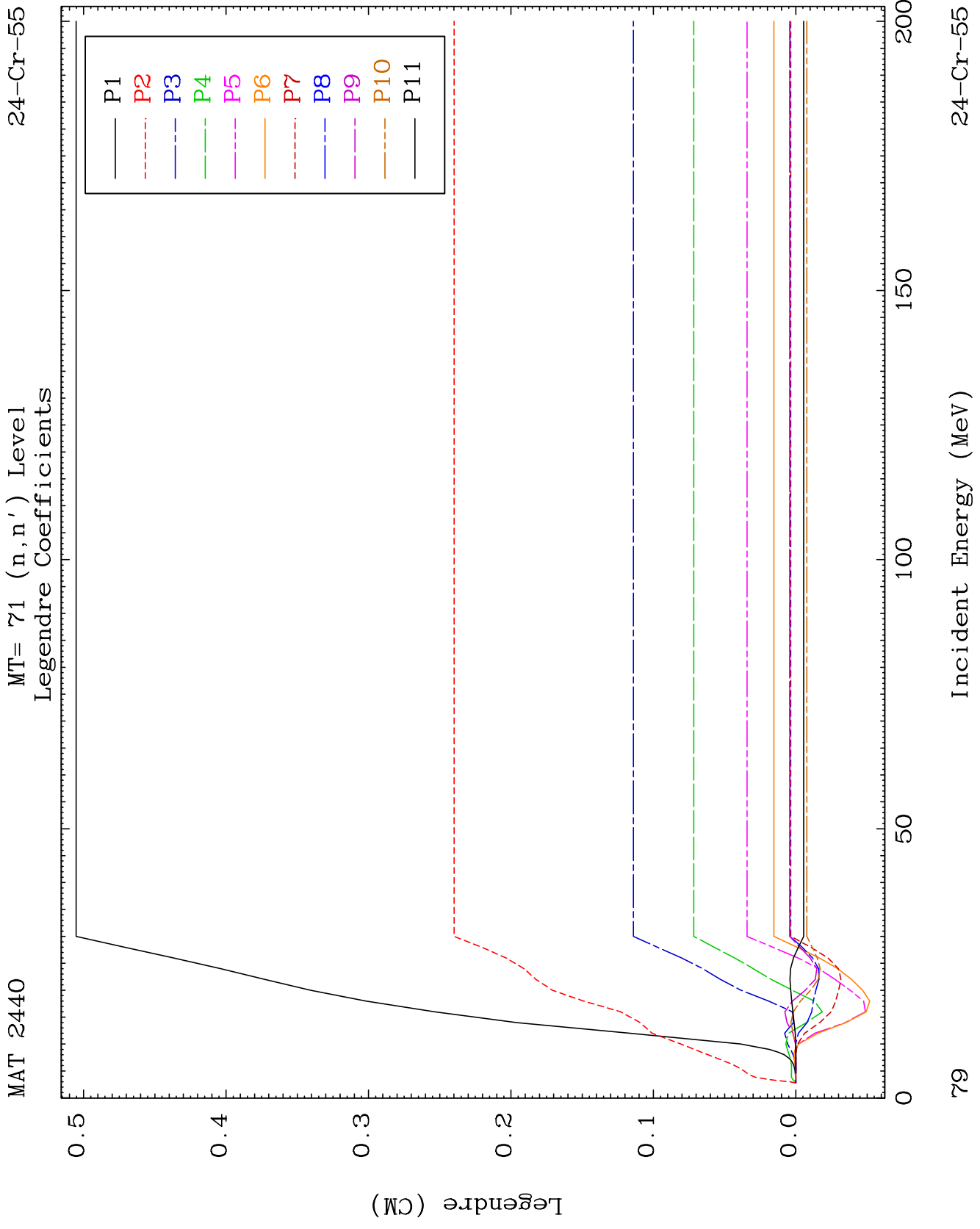
24-Cr-55



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Incident Energy (MeV)

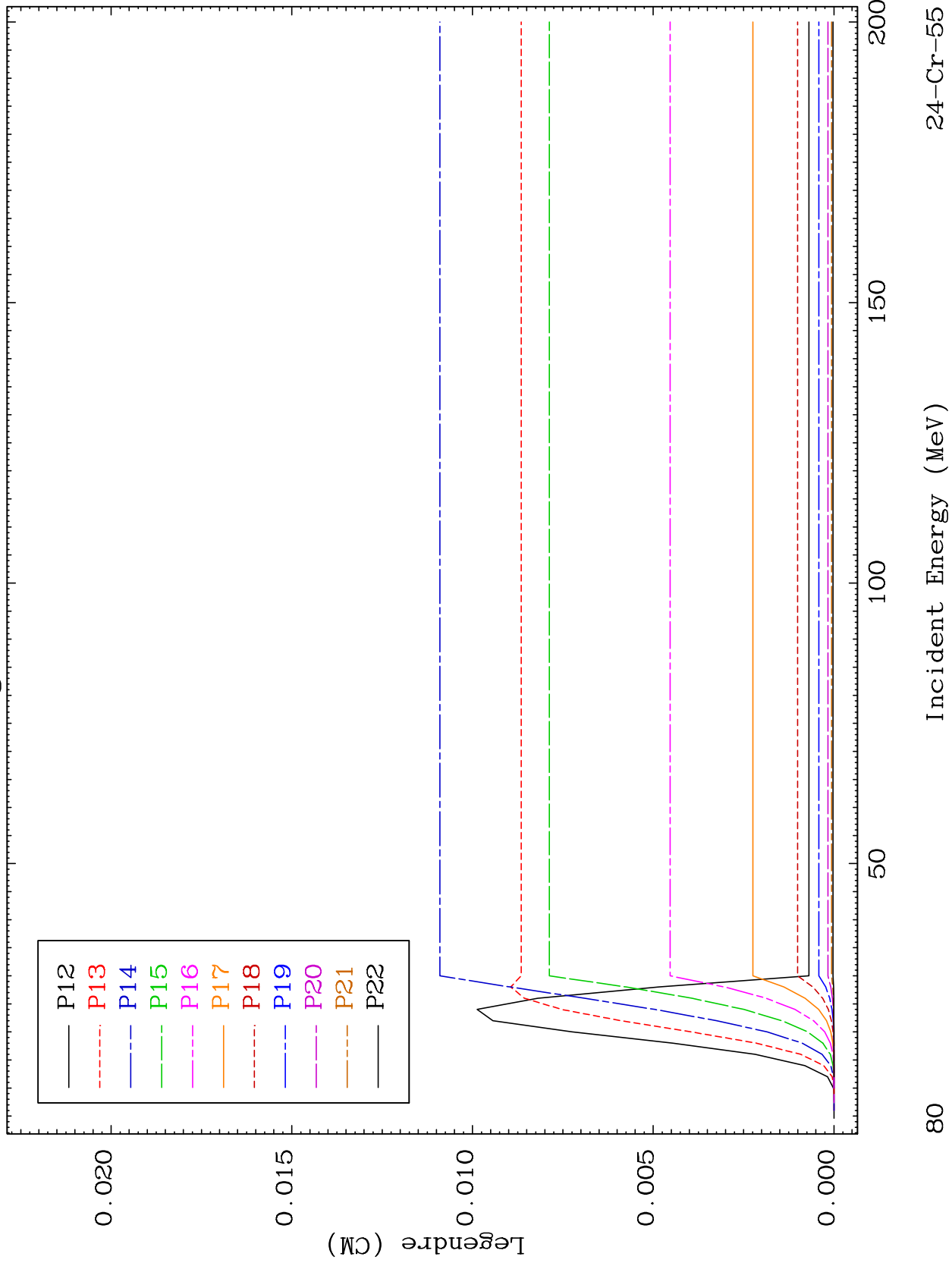
24-Cr-55

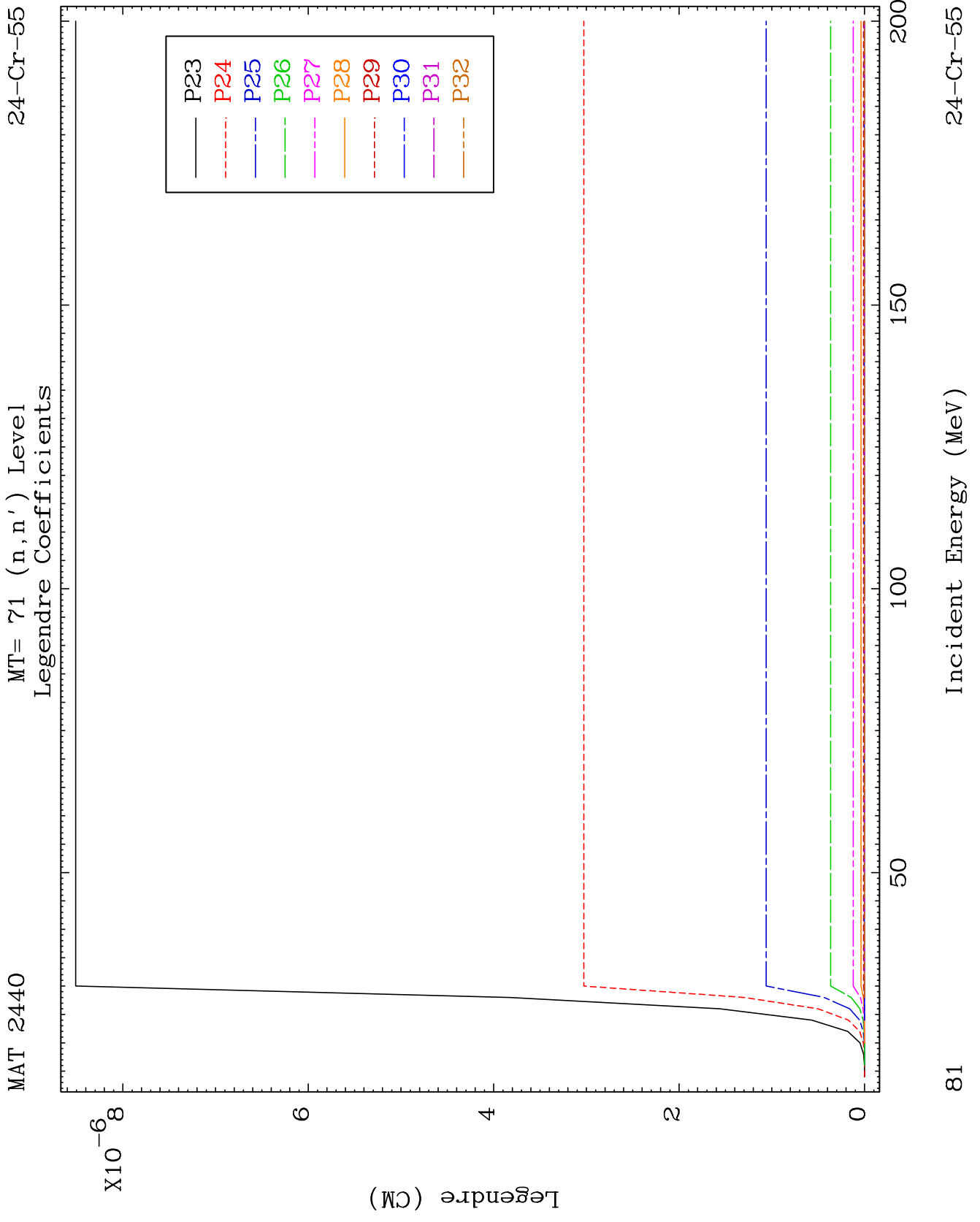


MAT 2440

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

24-Cr-55

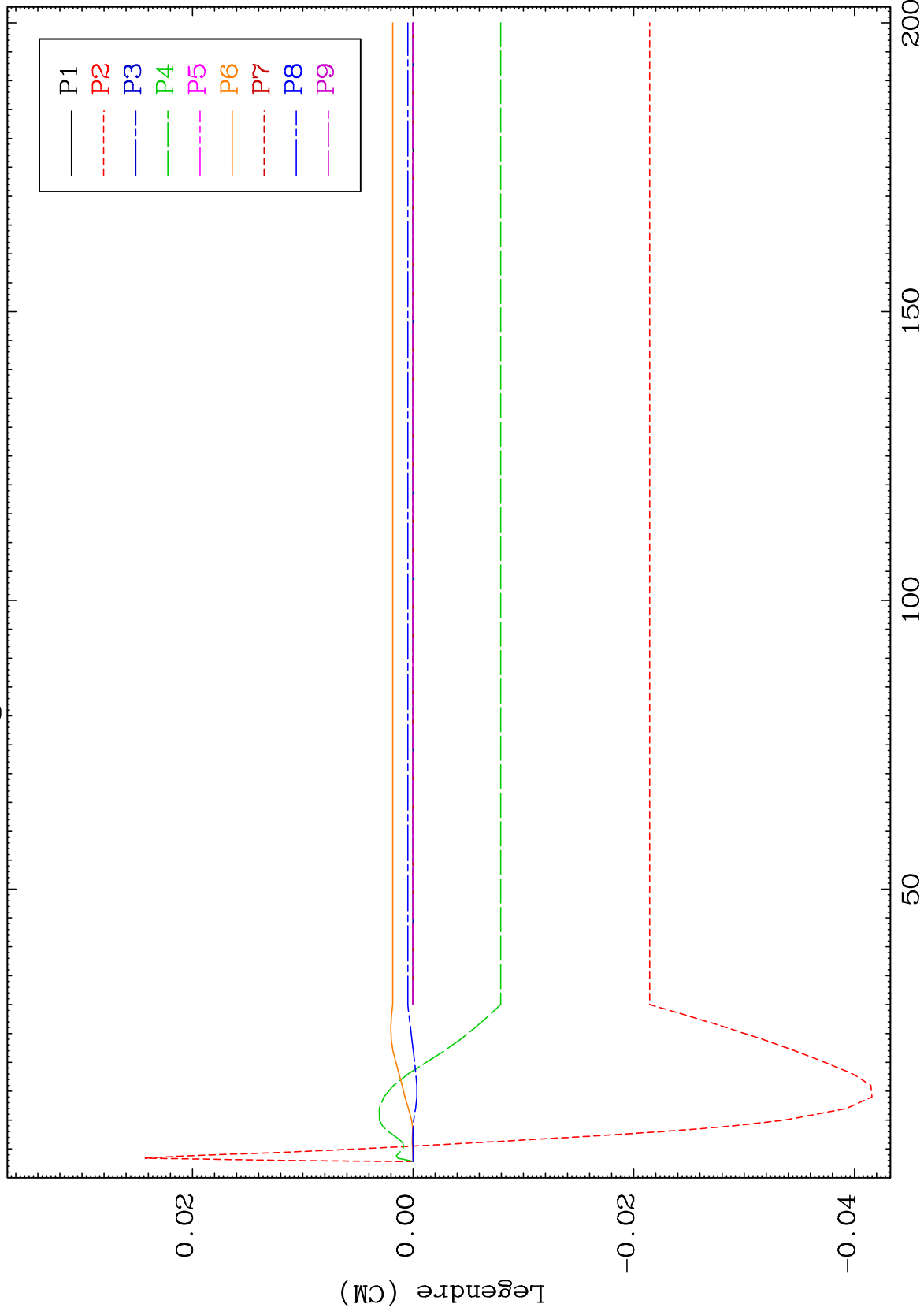




MAT 2440

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

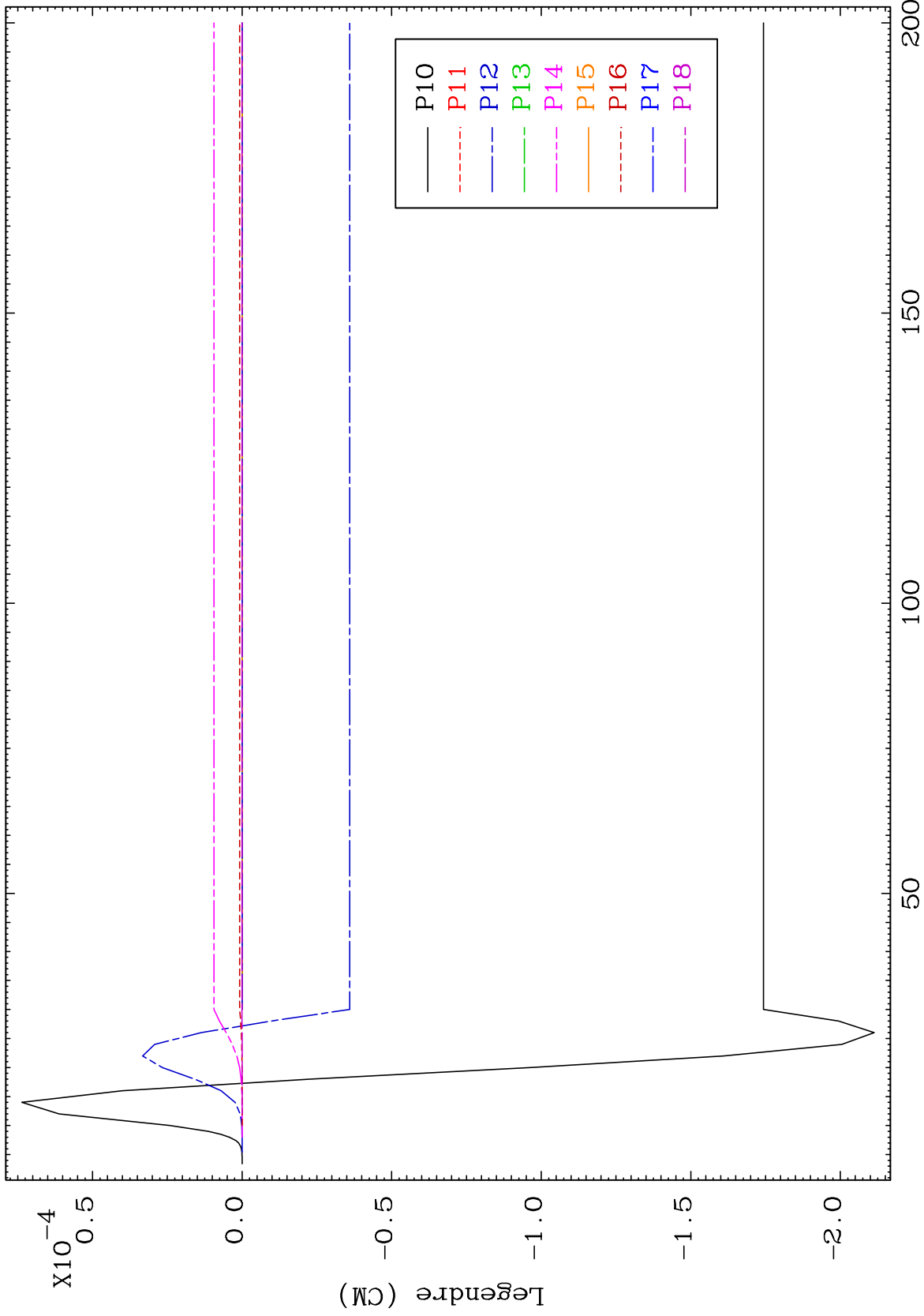
24-Cr-55

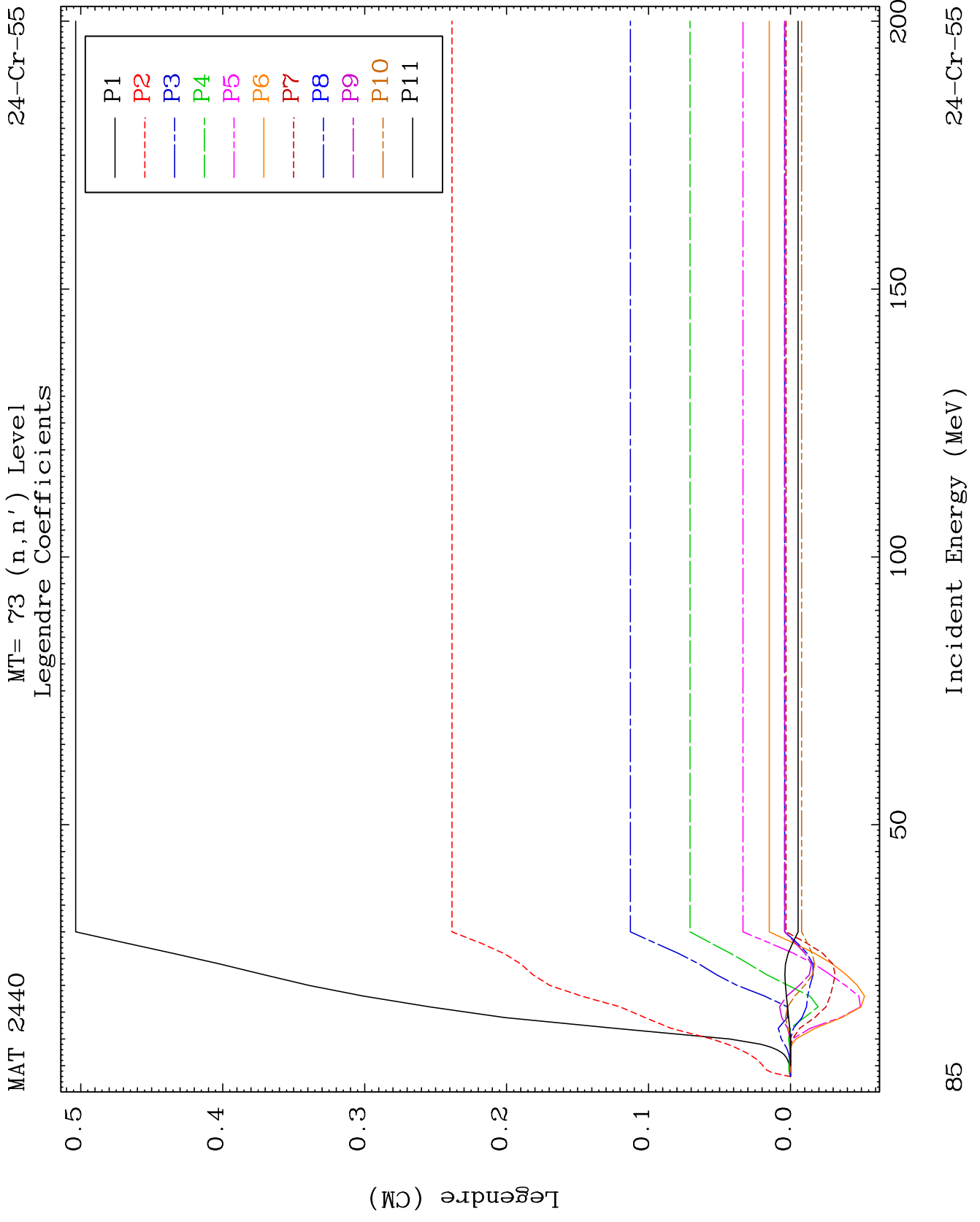


82

Incident Energy (MeV)

24-Cr-55

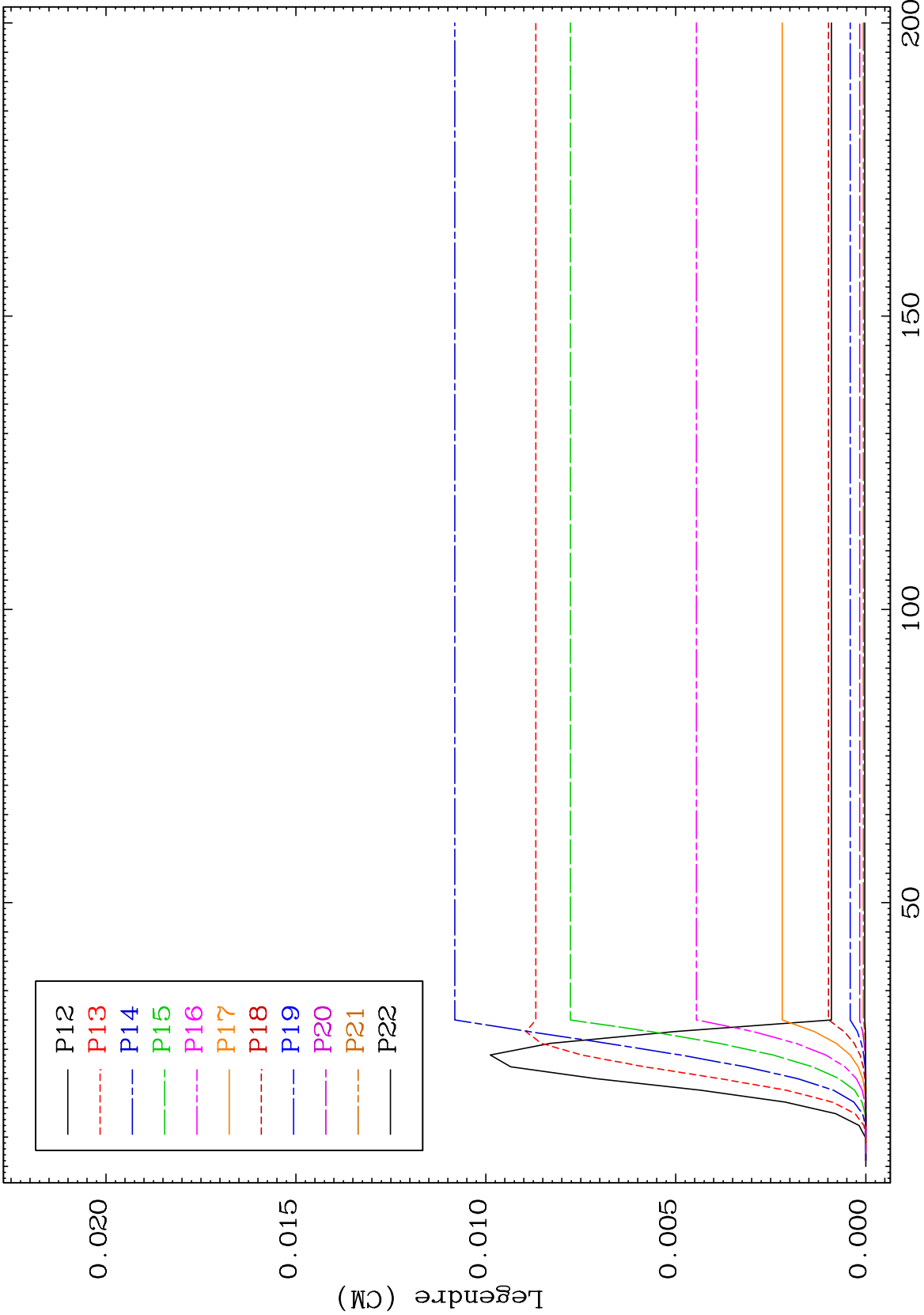




MAT 2440

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

24-Cr-55



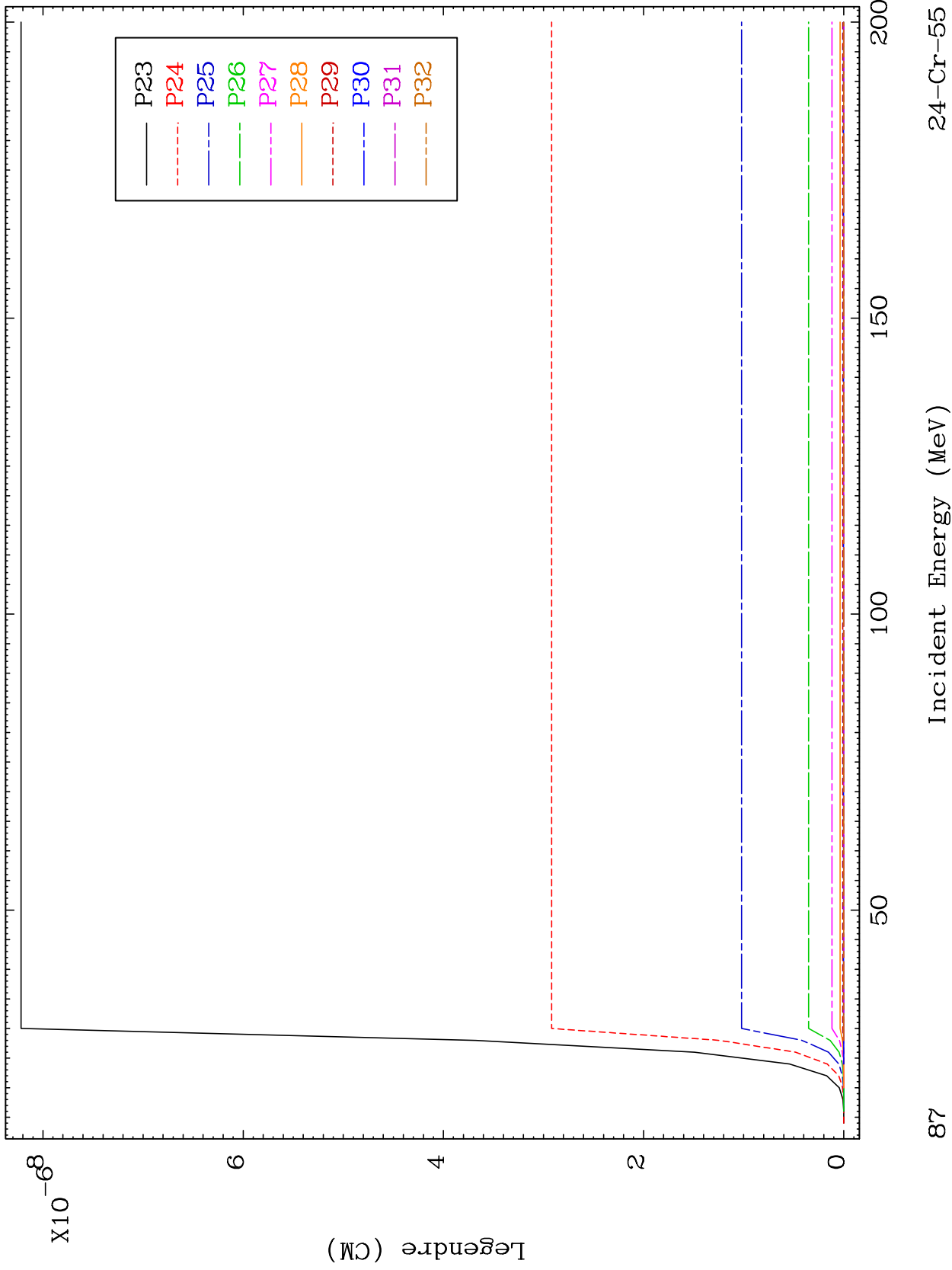
86

24-Cr-55

MAT 2440

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

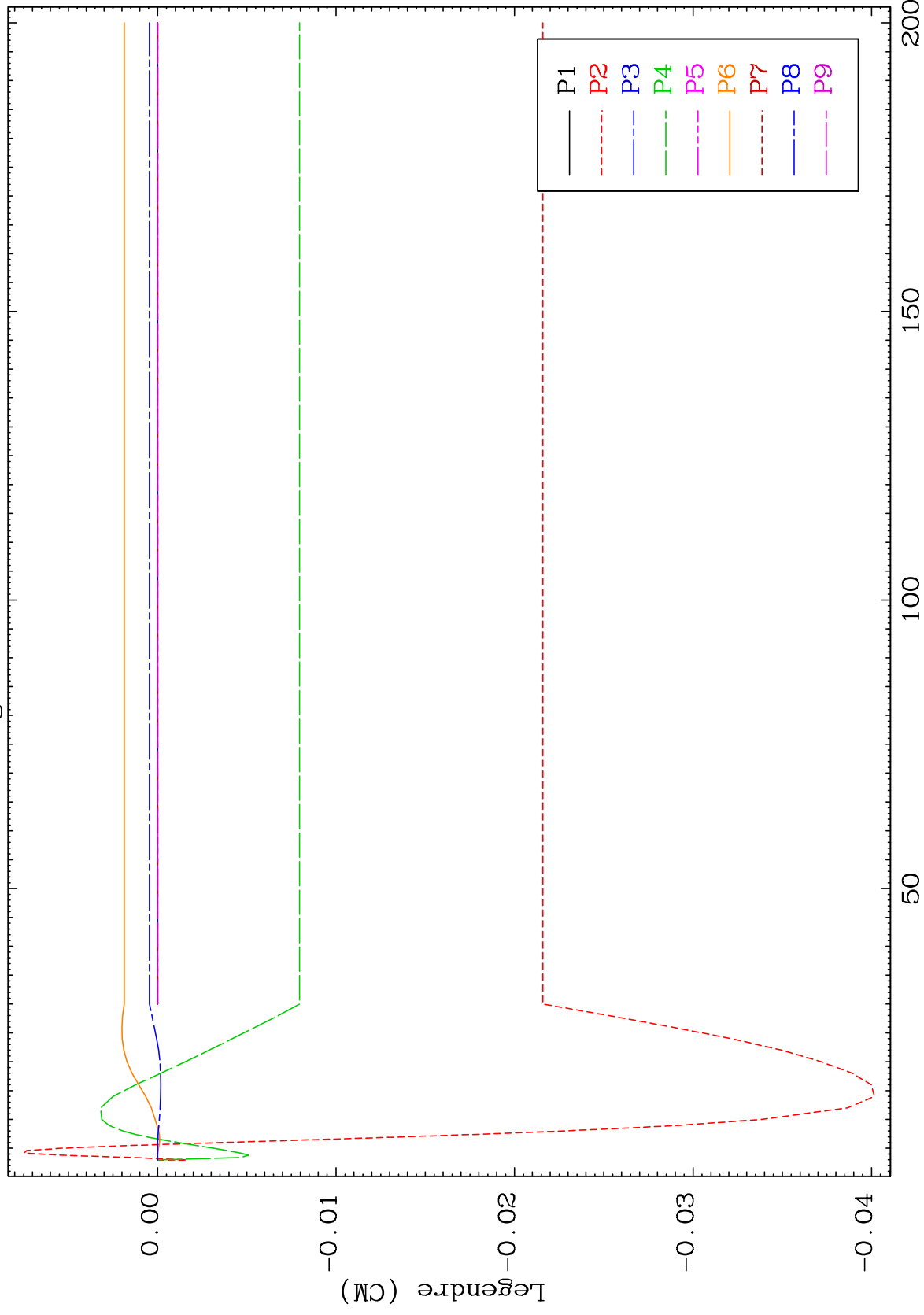
24-Cr-55



MAT 2440

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

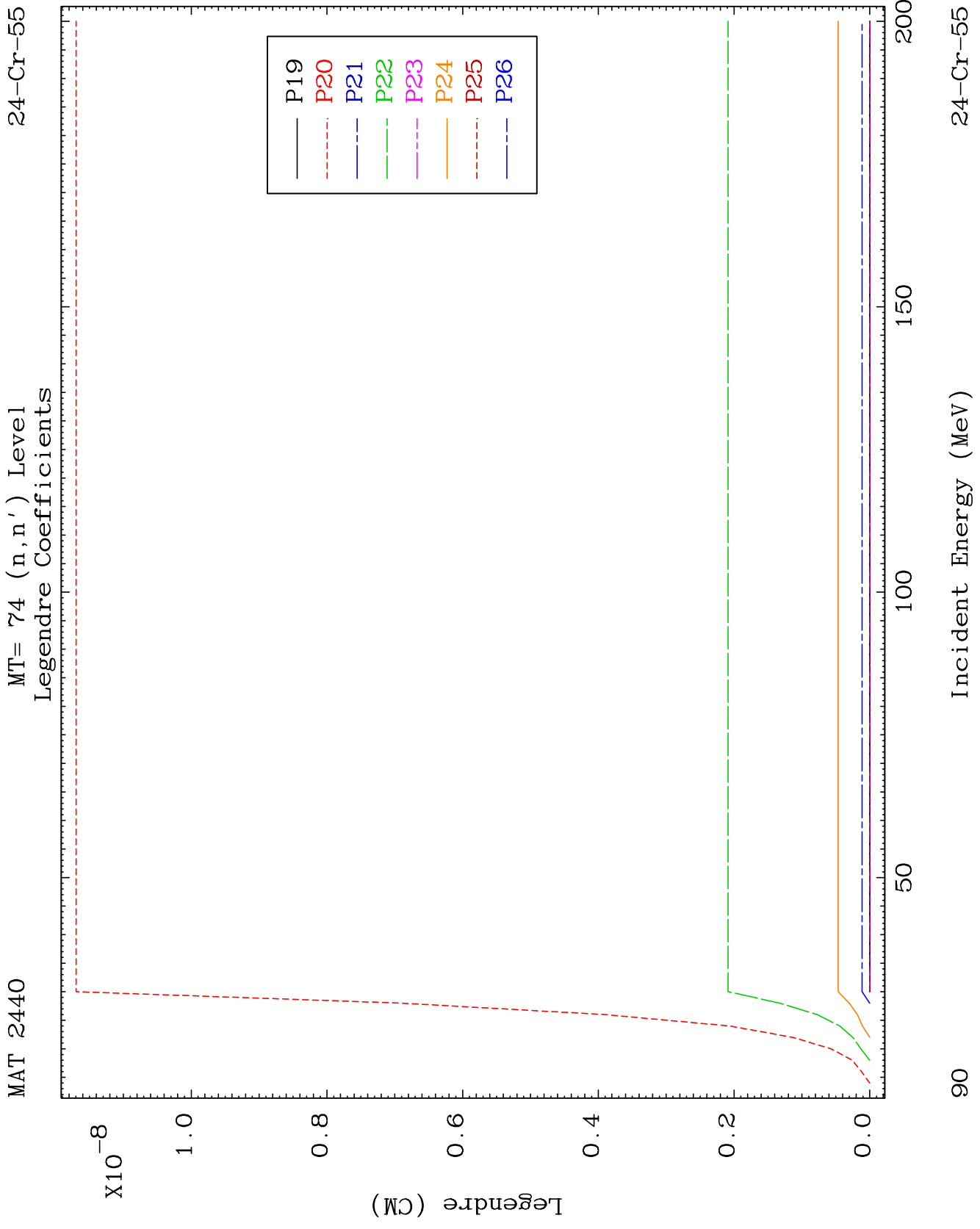
24-Cr-55

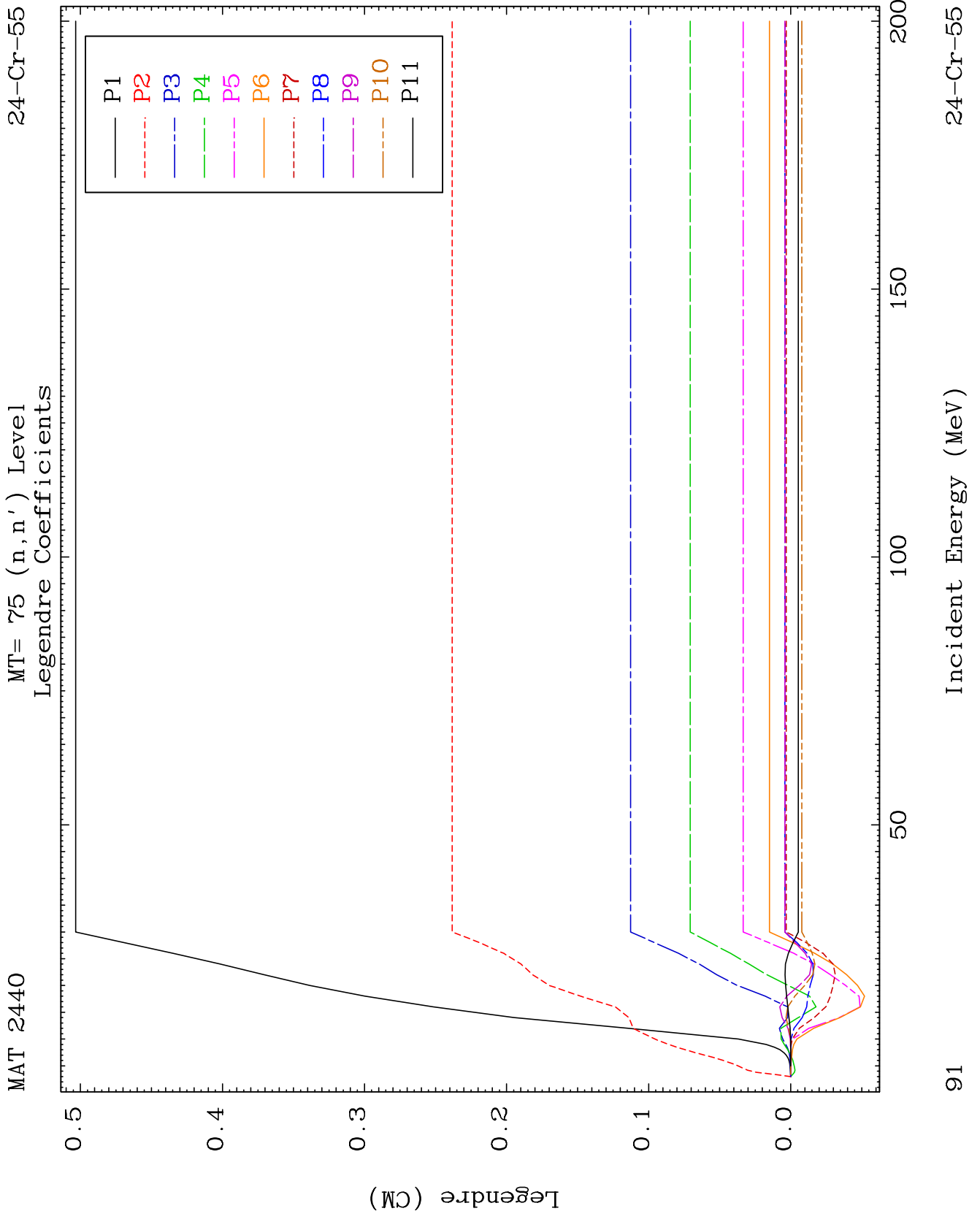


88

Incident Energy (MeV)

24-Cr-55

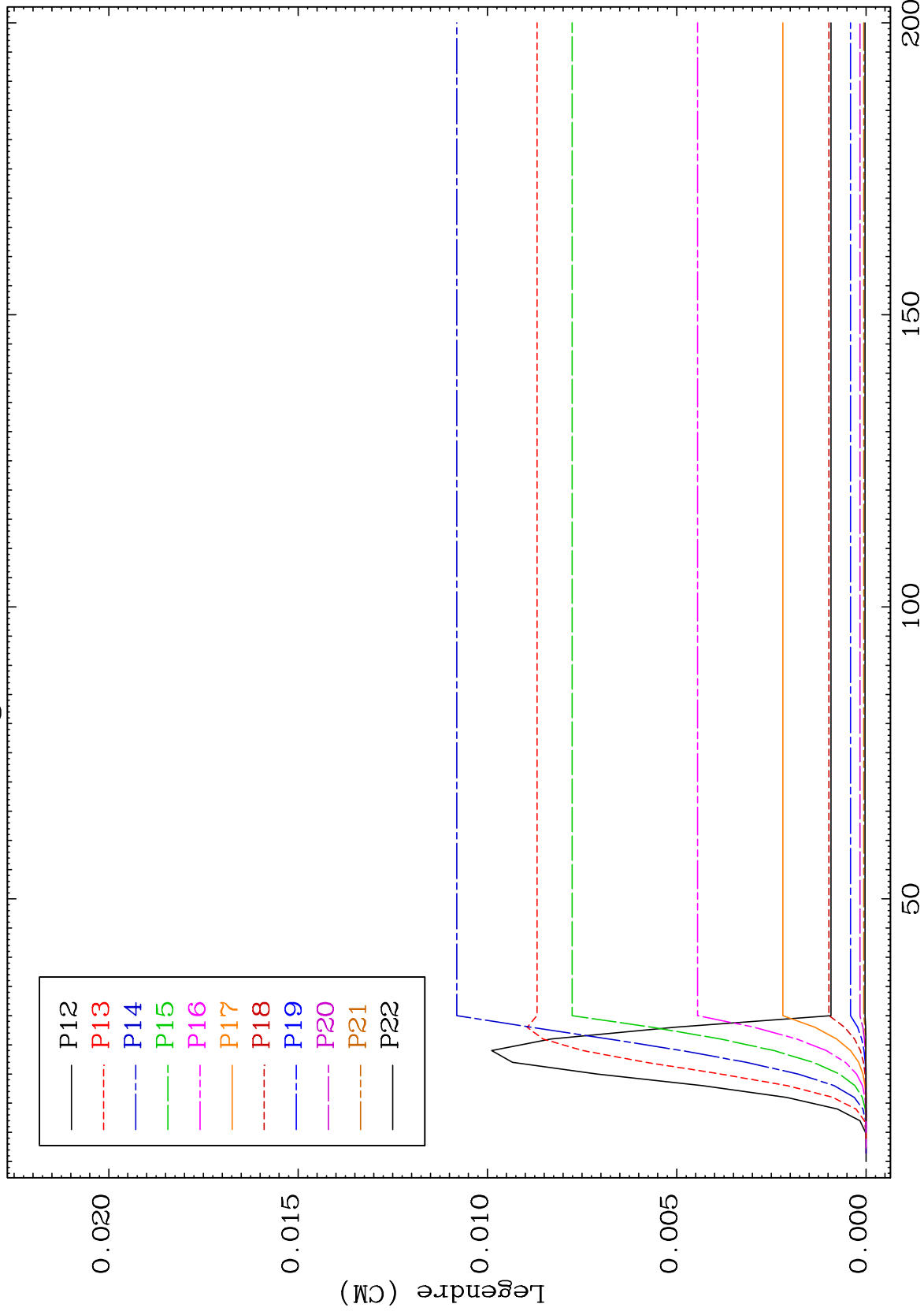




MAT 2440

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

24-Cr-55



92

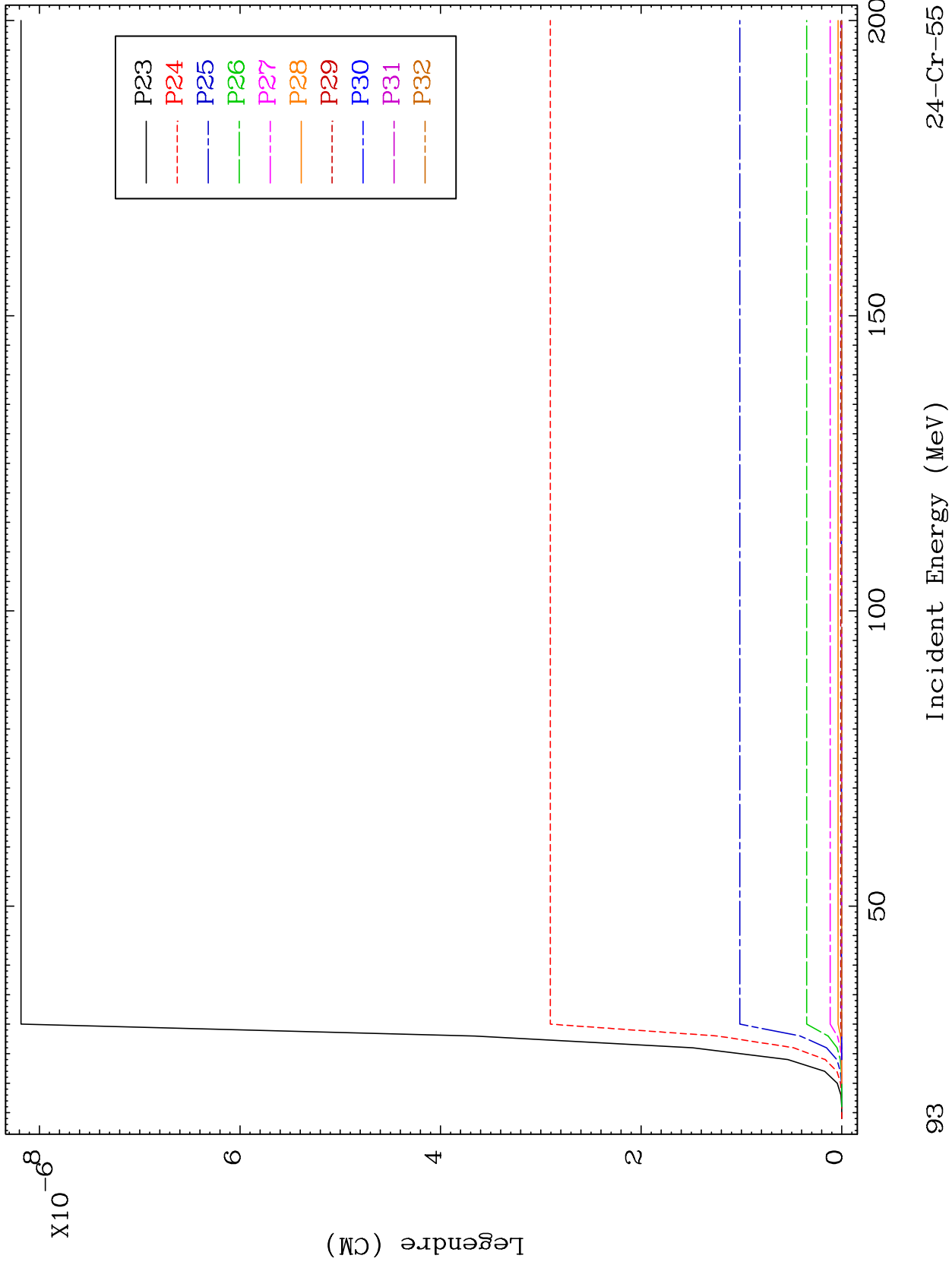
Incident Energy (MeV)

24-Cr-55

MAT 2440

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

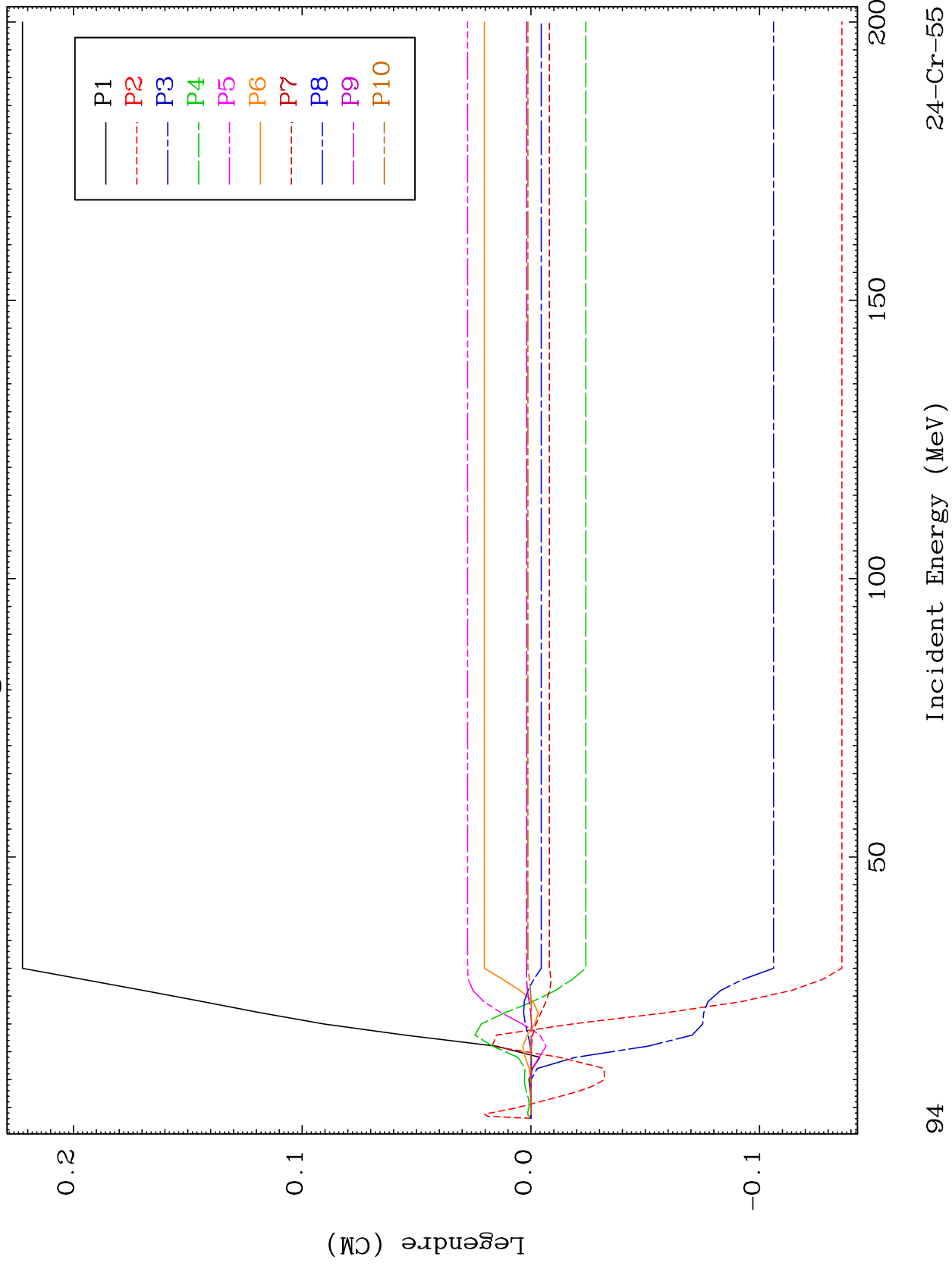
24-Cr-55



MAT 2440

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

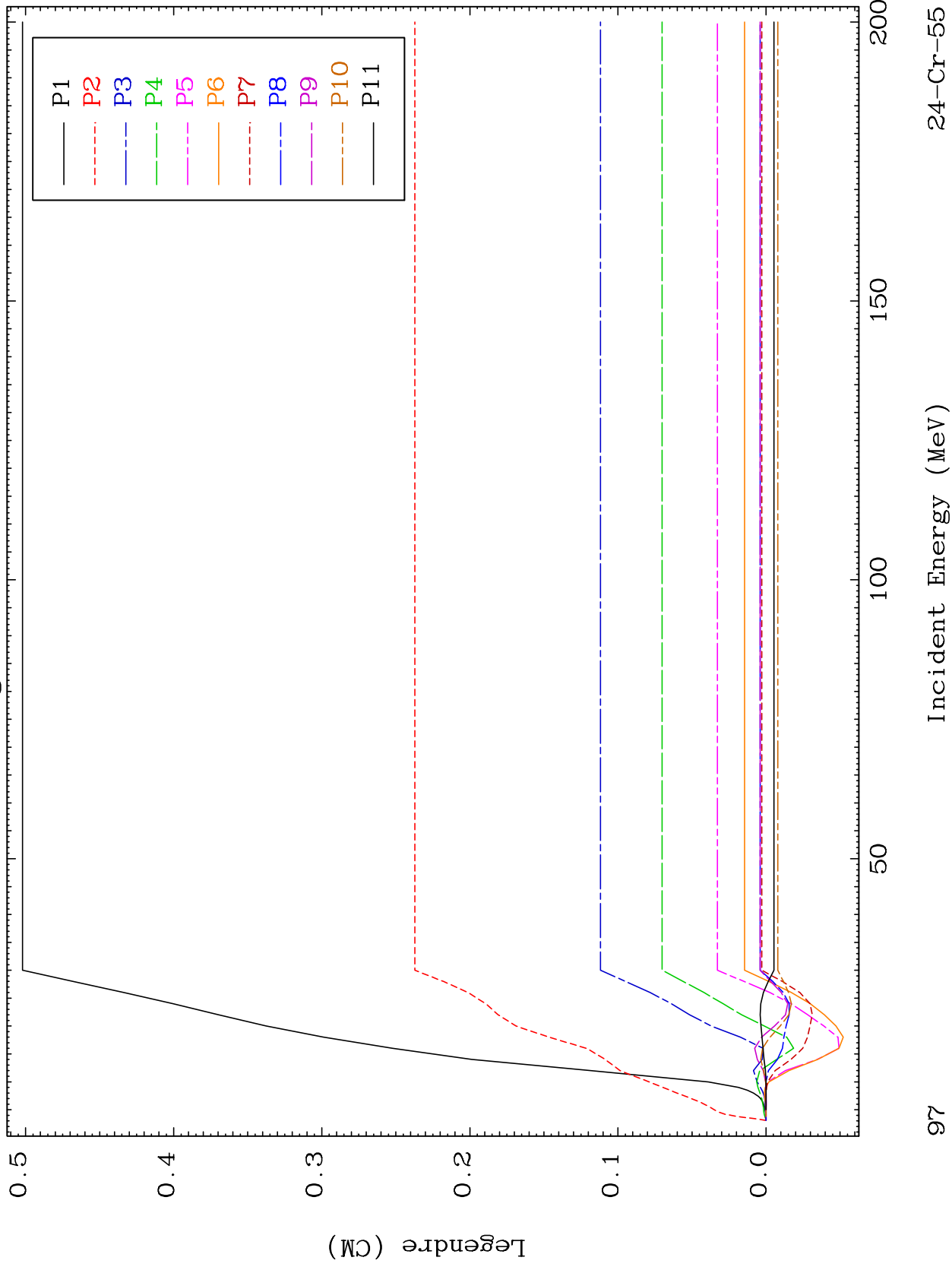
24-Cr-55



MAT 2440

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

24-Cr-55



97

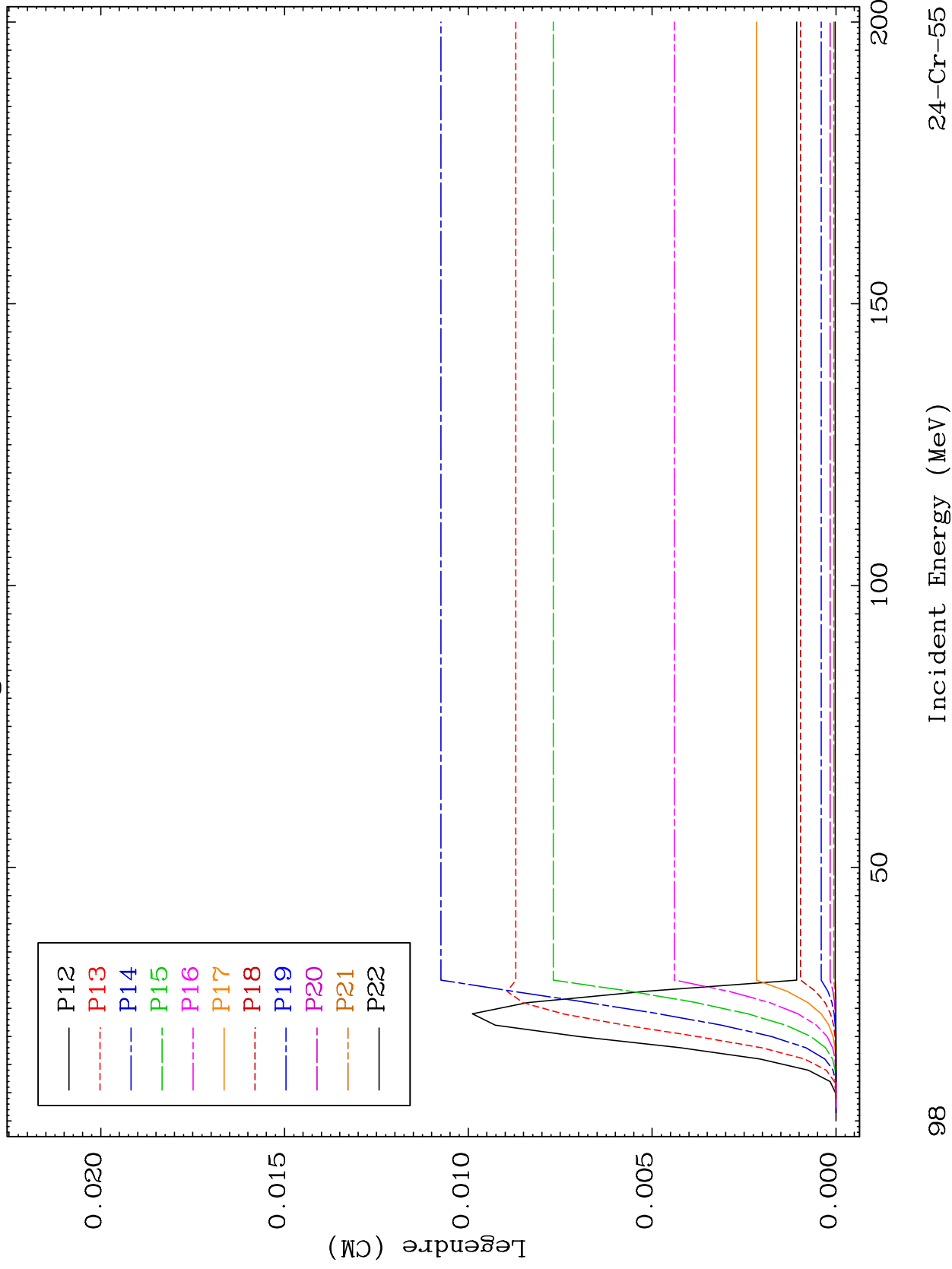
Incident Energy (MeV)

24-Cr-55

MAT 2440

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

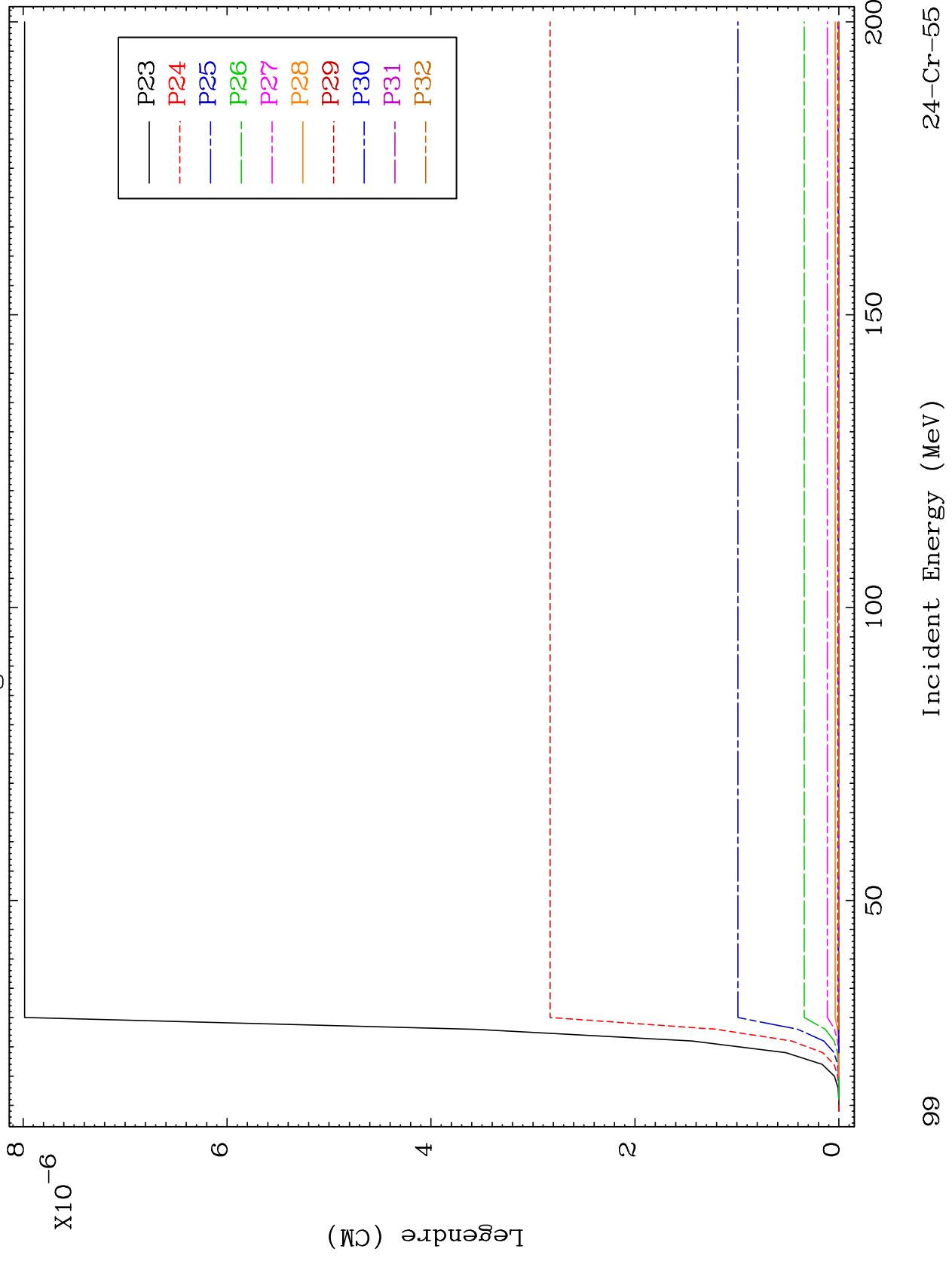
24-Cr-55



MAT 2440

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

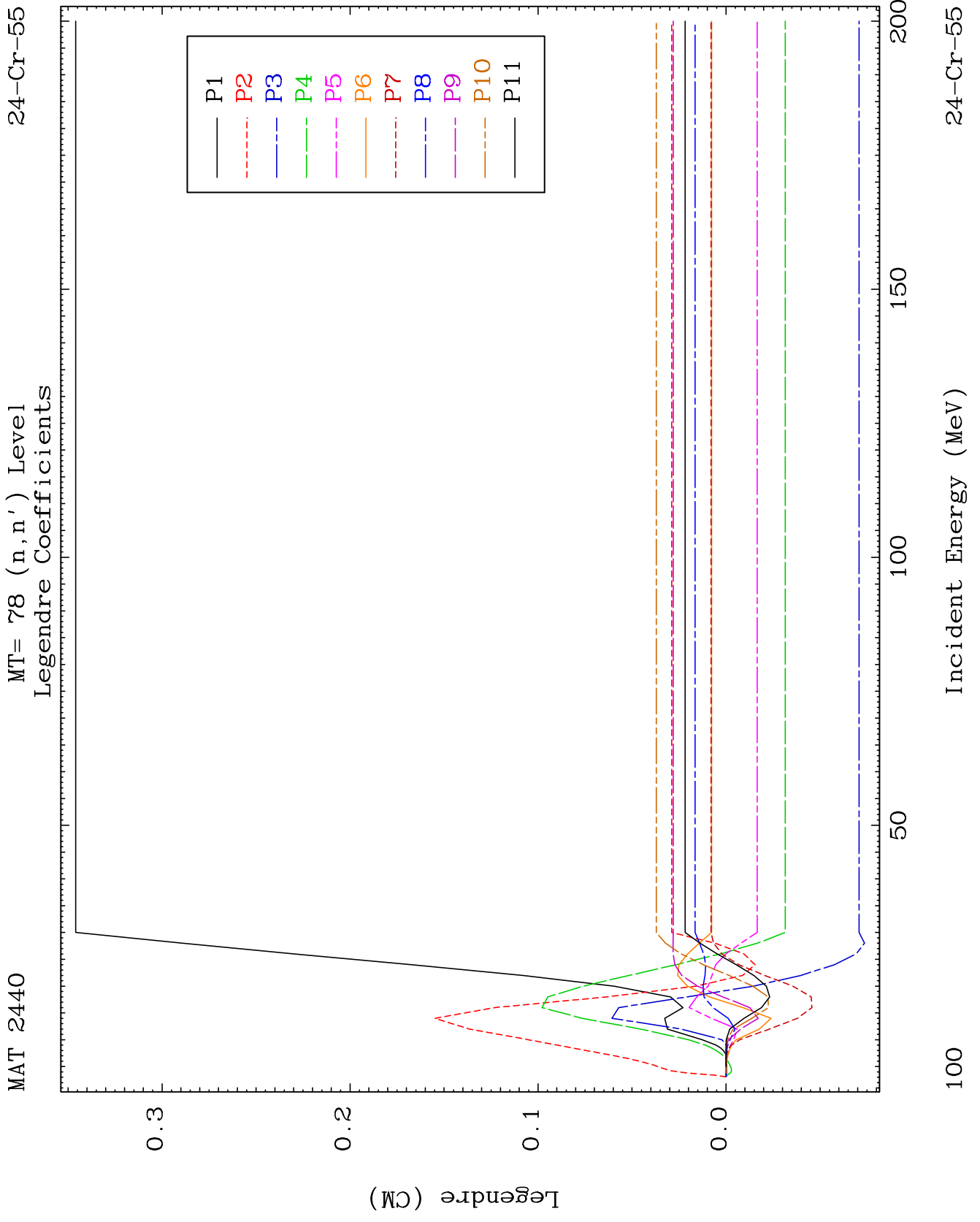
24-Cr-55

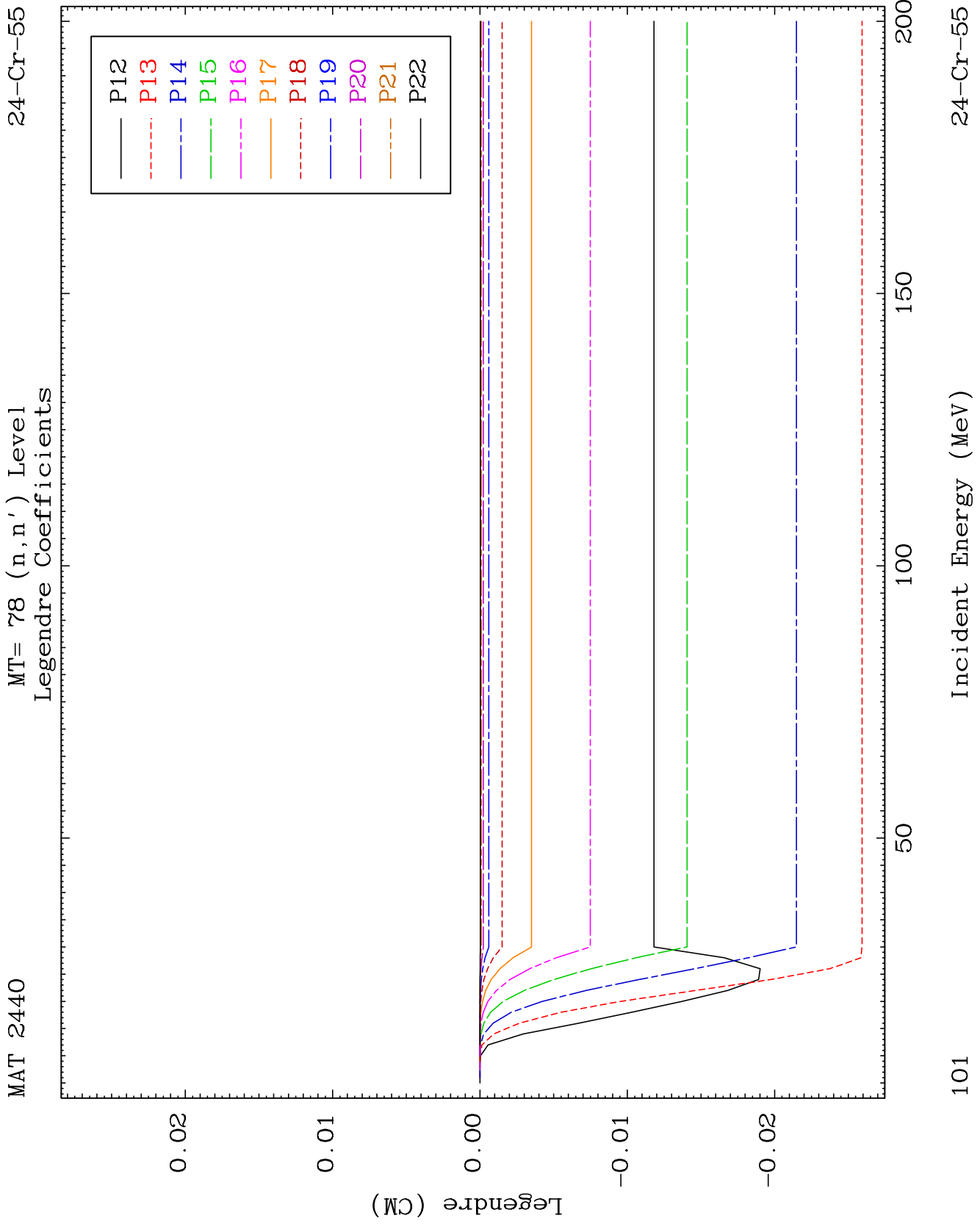


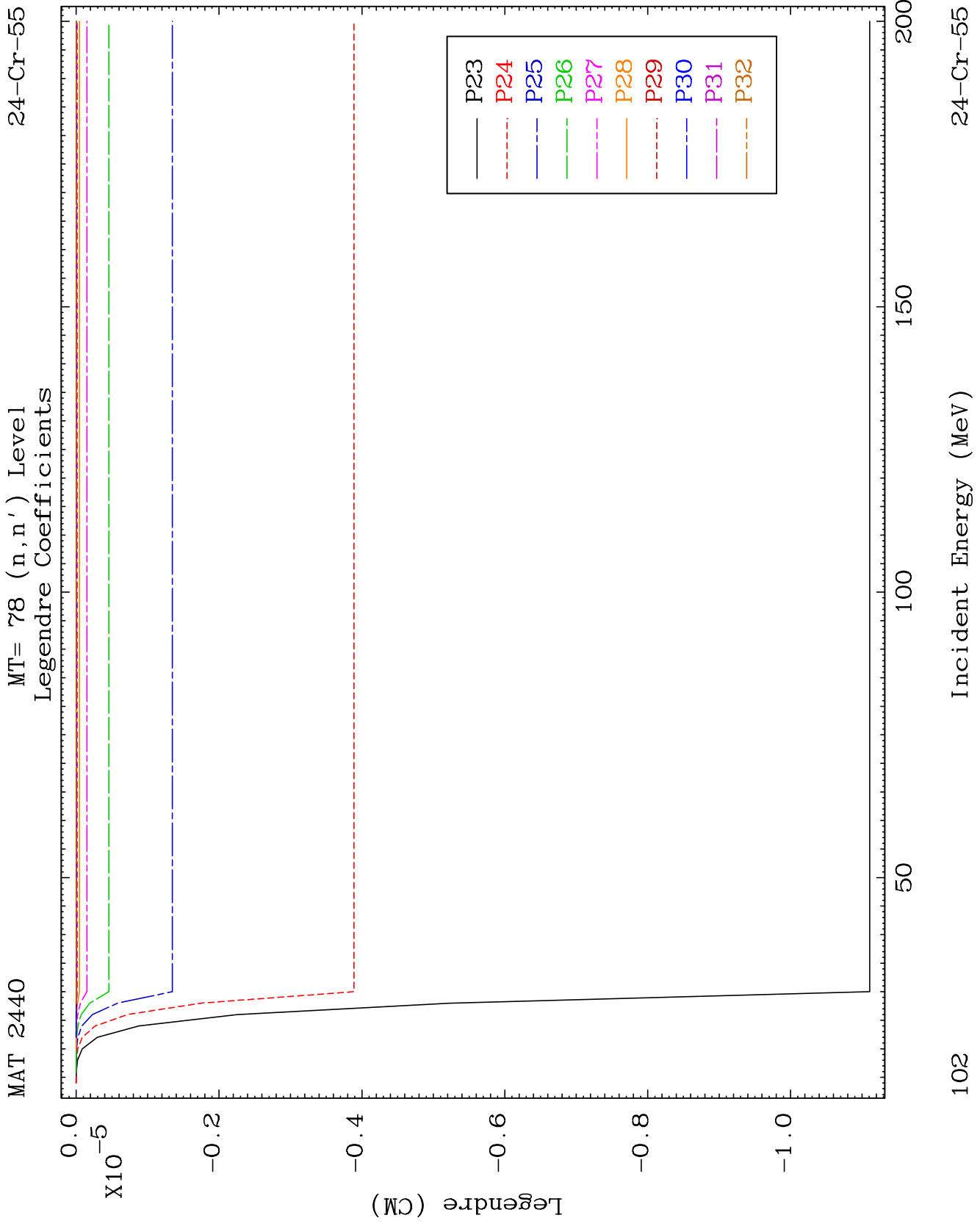
24-Cr-55

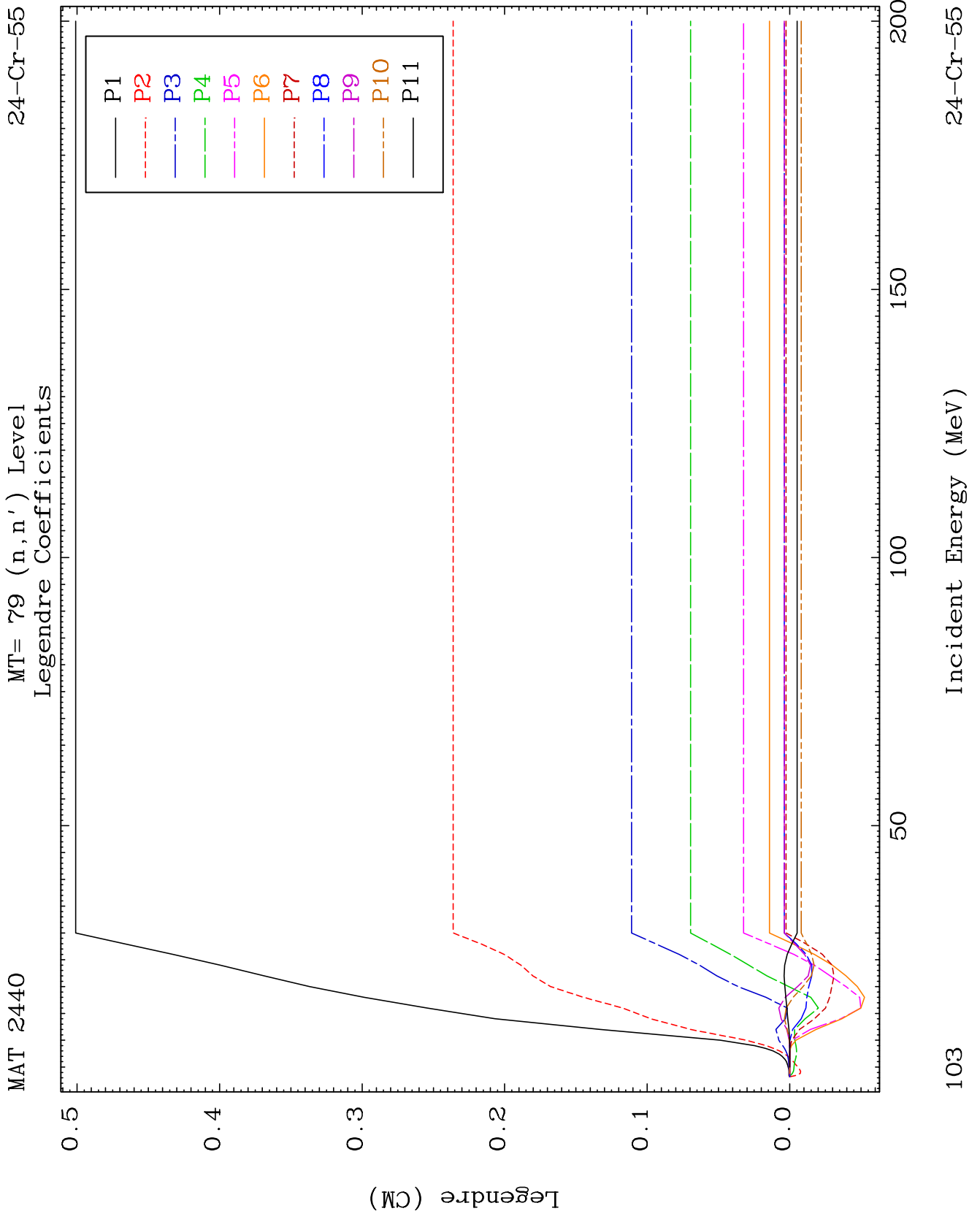
Incident Energy (MeV)

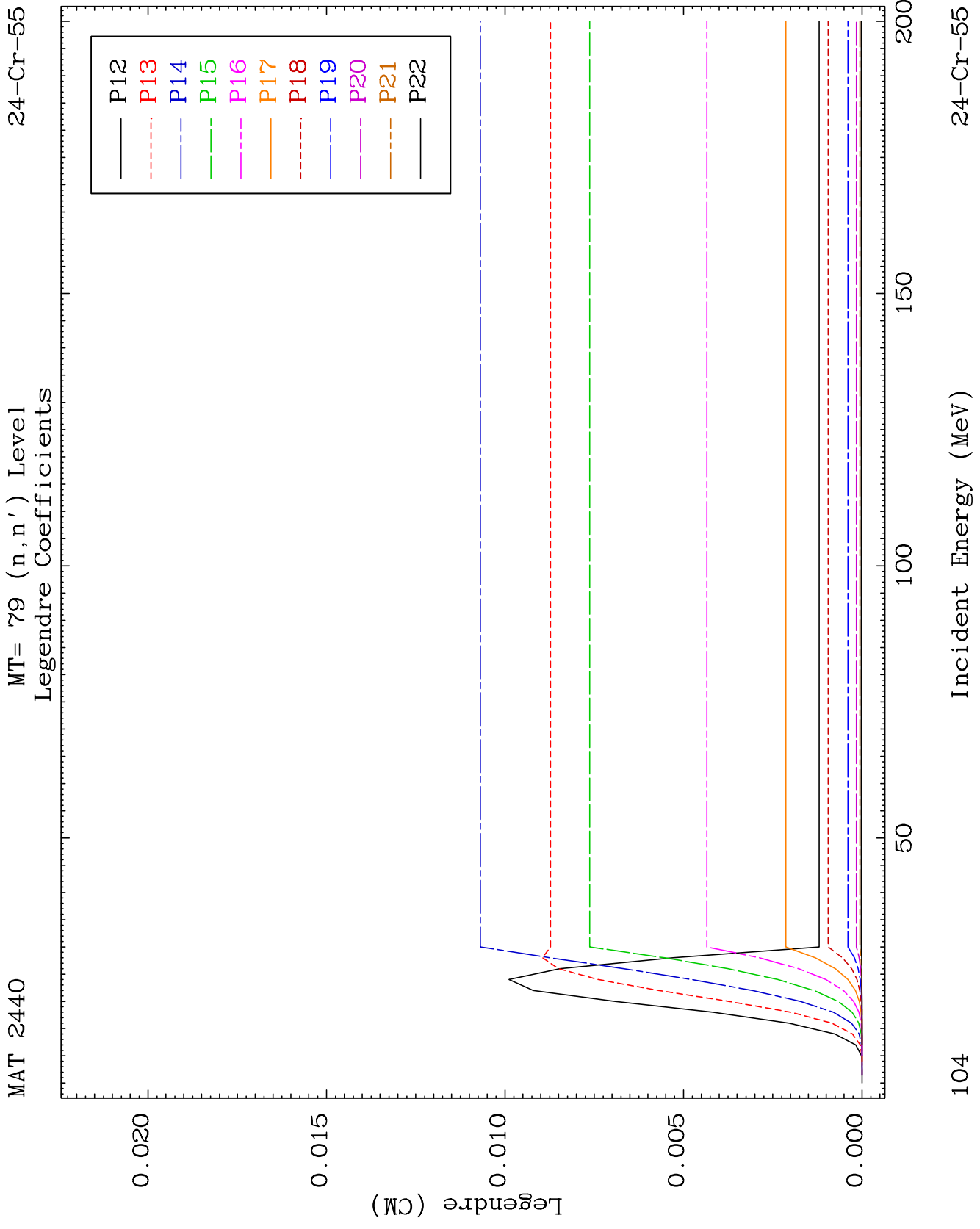
99

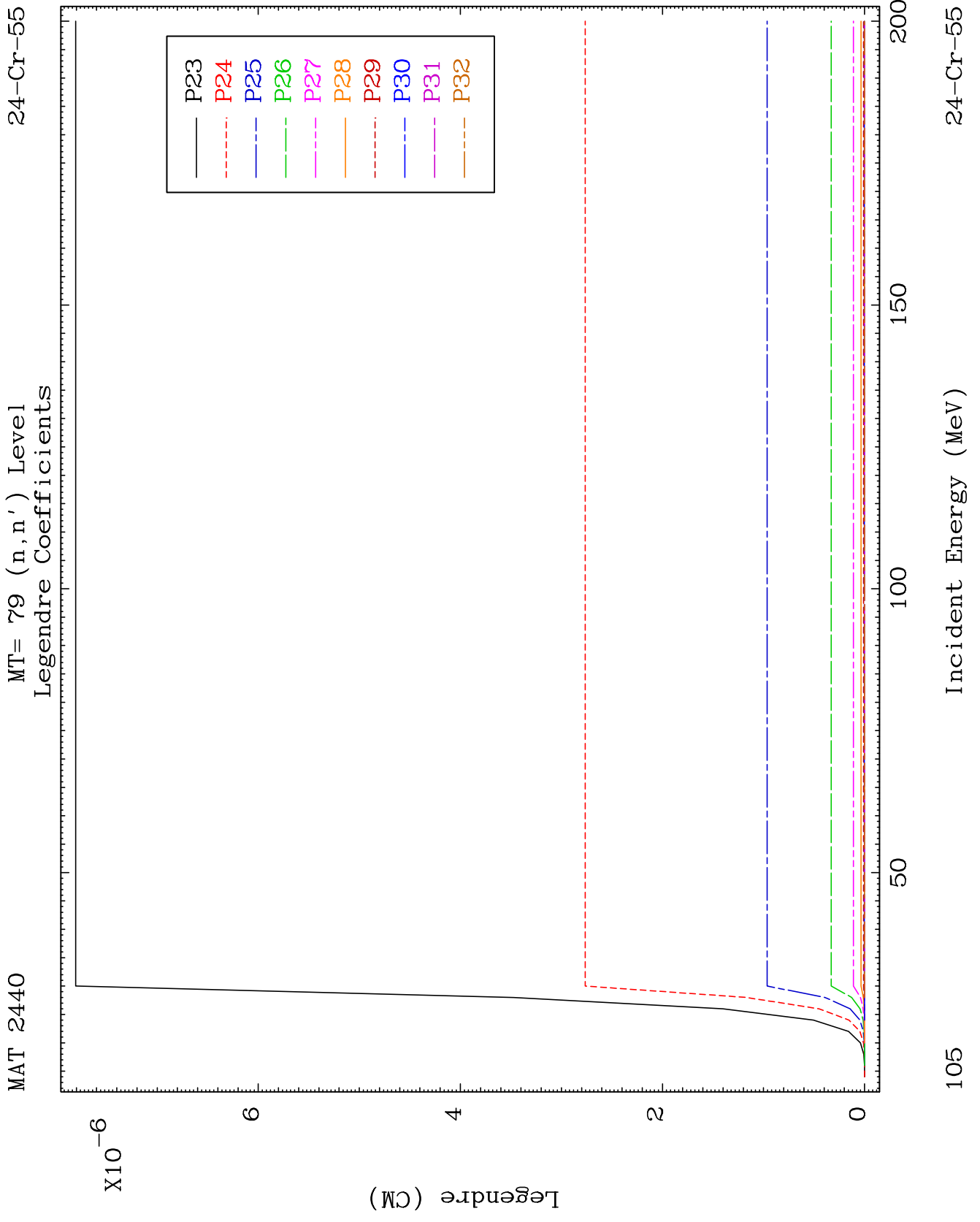


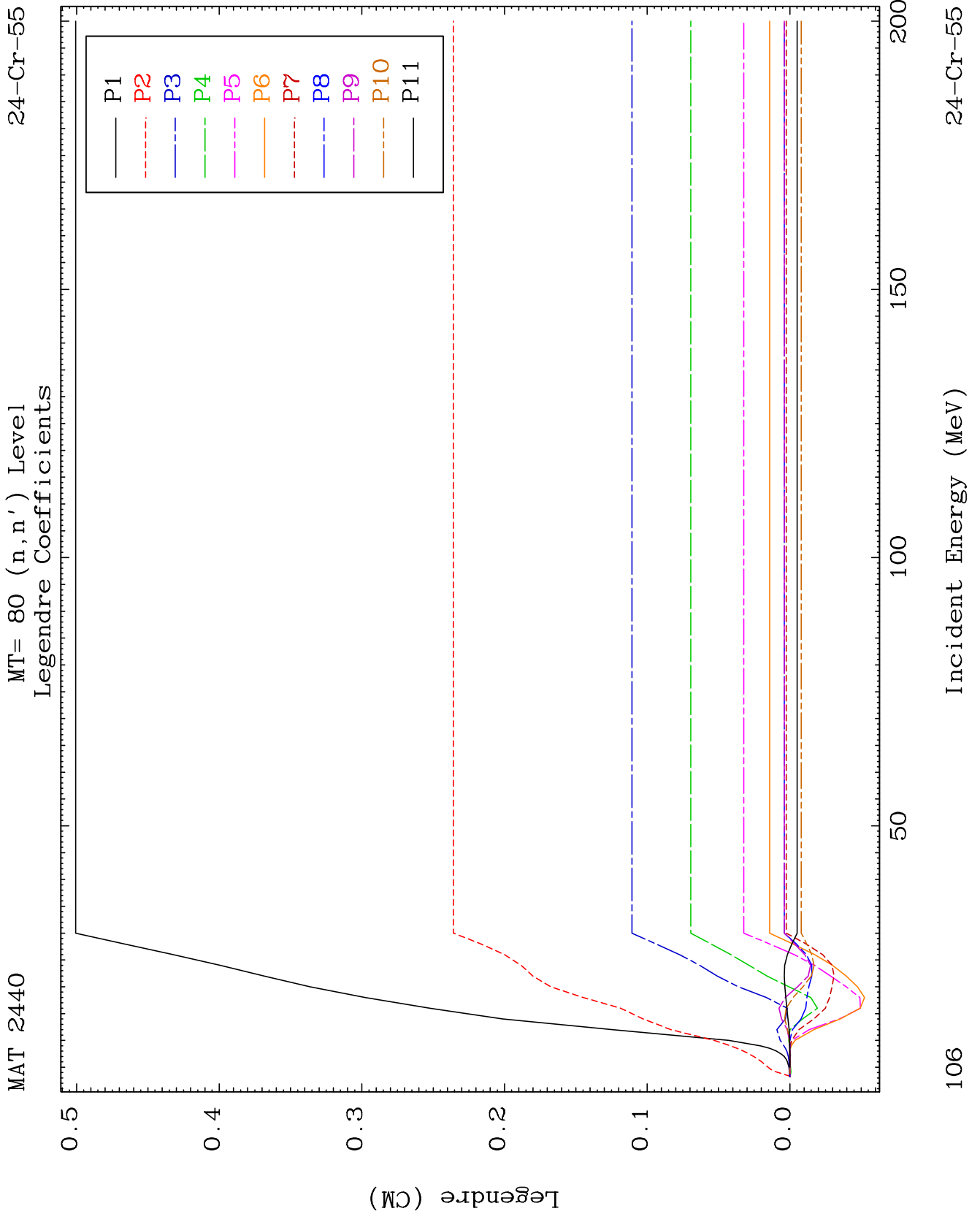


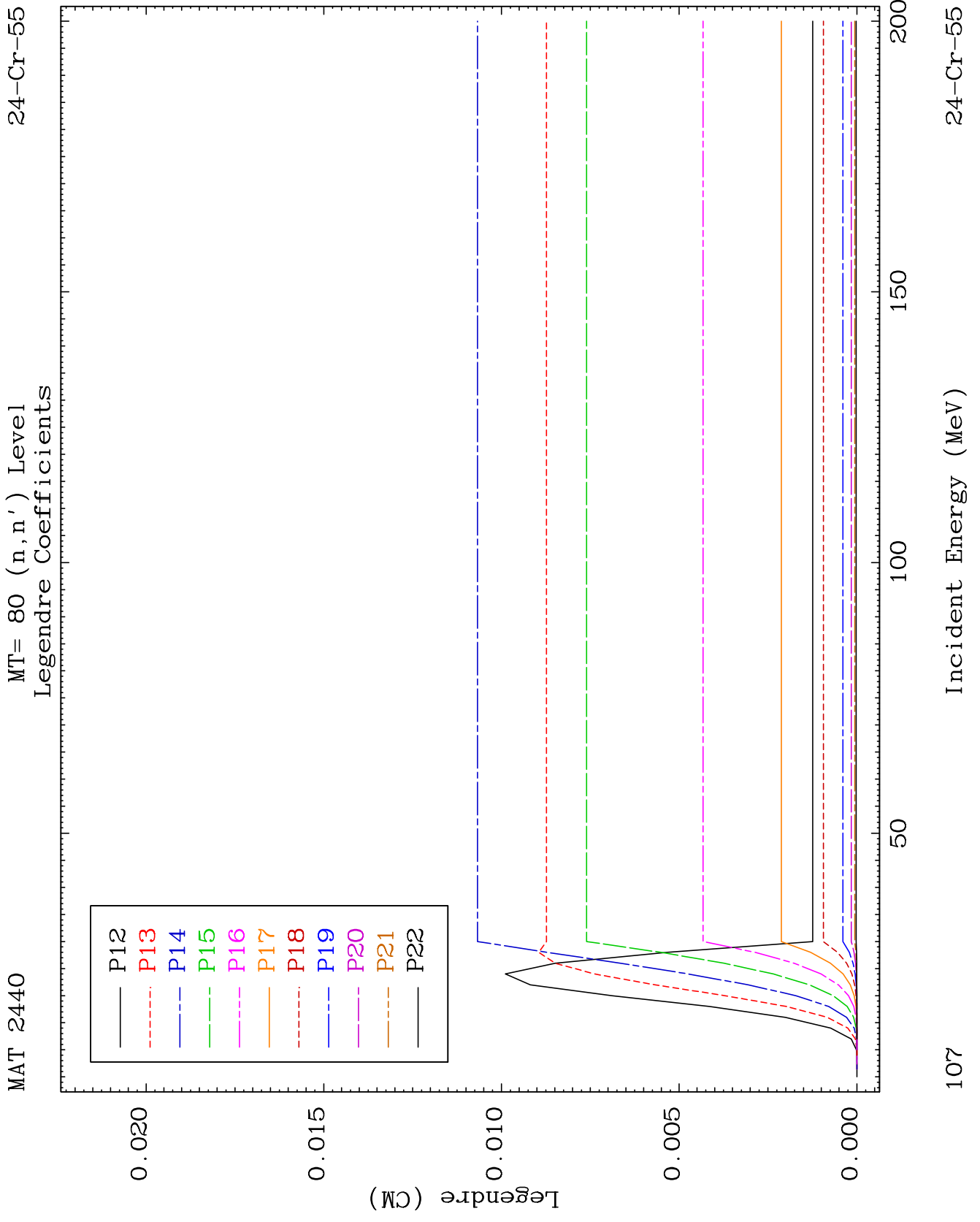


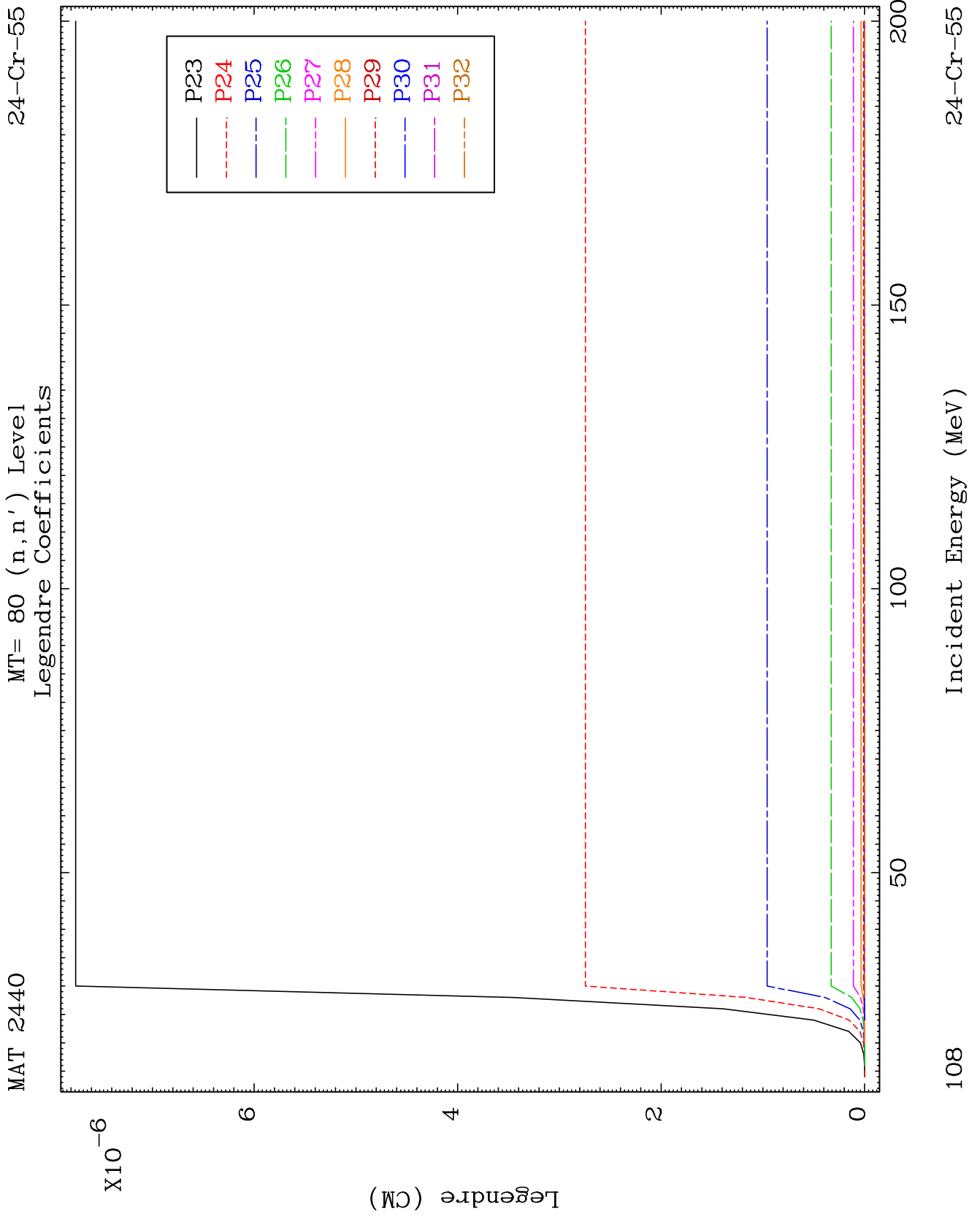










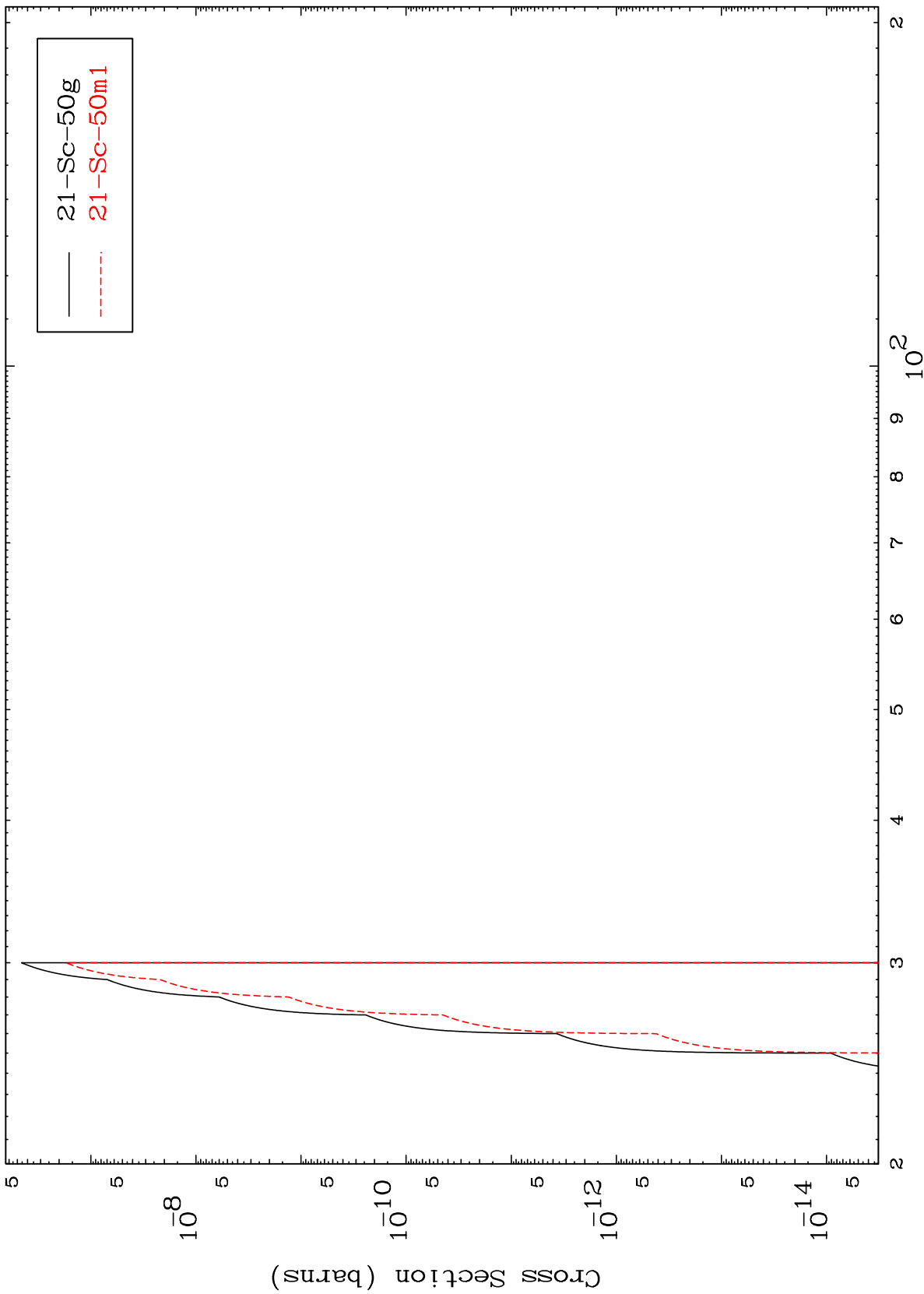


MAT 2440

(n,n') p α

24-Cr-55

Radionuclide Production Cross Section



109

Incident Energy (MeV)

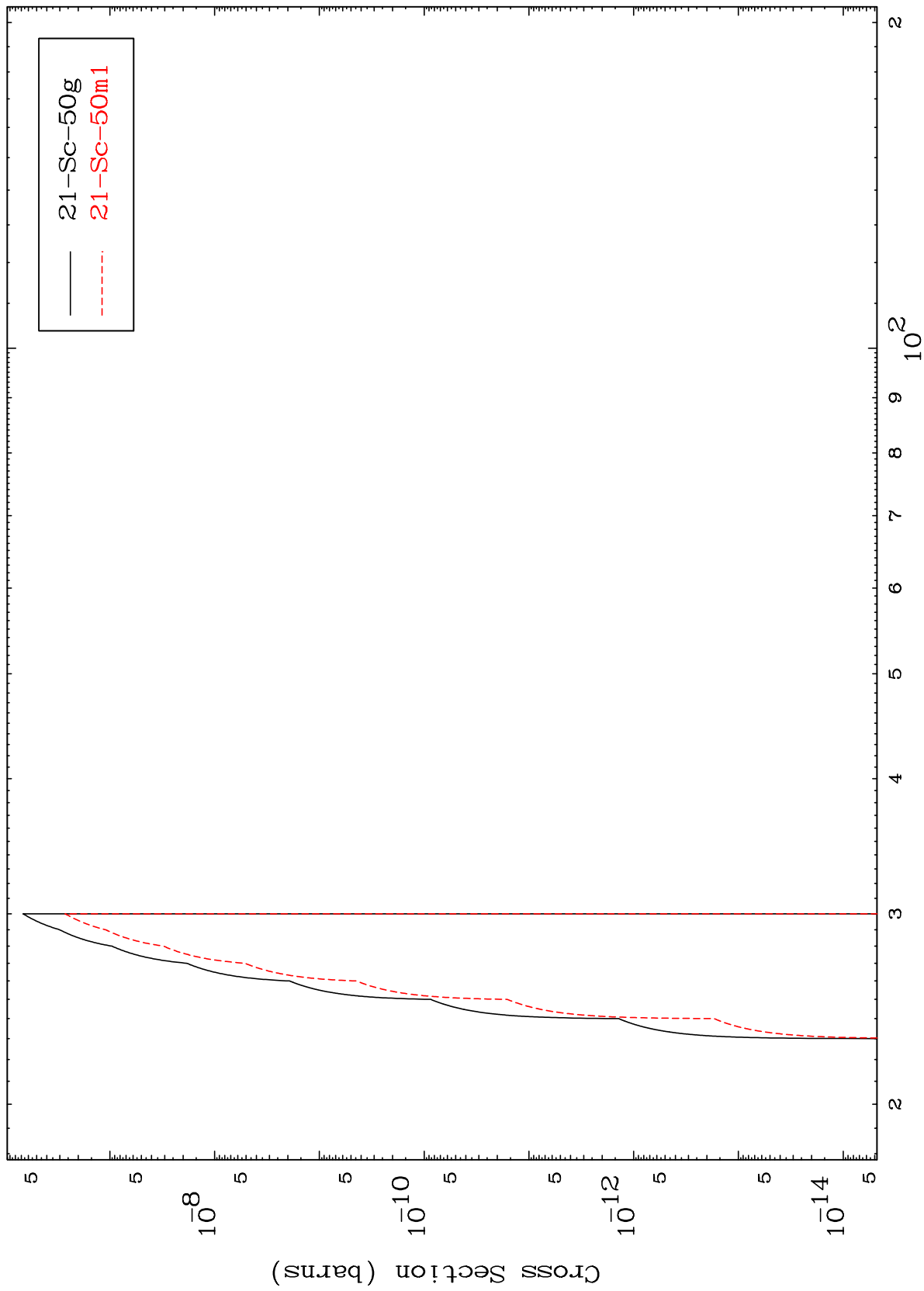
24-Cr-55

MAT 2440

24-Cr-55

(n,d) α

Radionuclide Production Cross Section



110

Incident Energy (MeV)

24-Cr-55