

Program EVALPLOT
(Version 2018-1)

by

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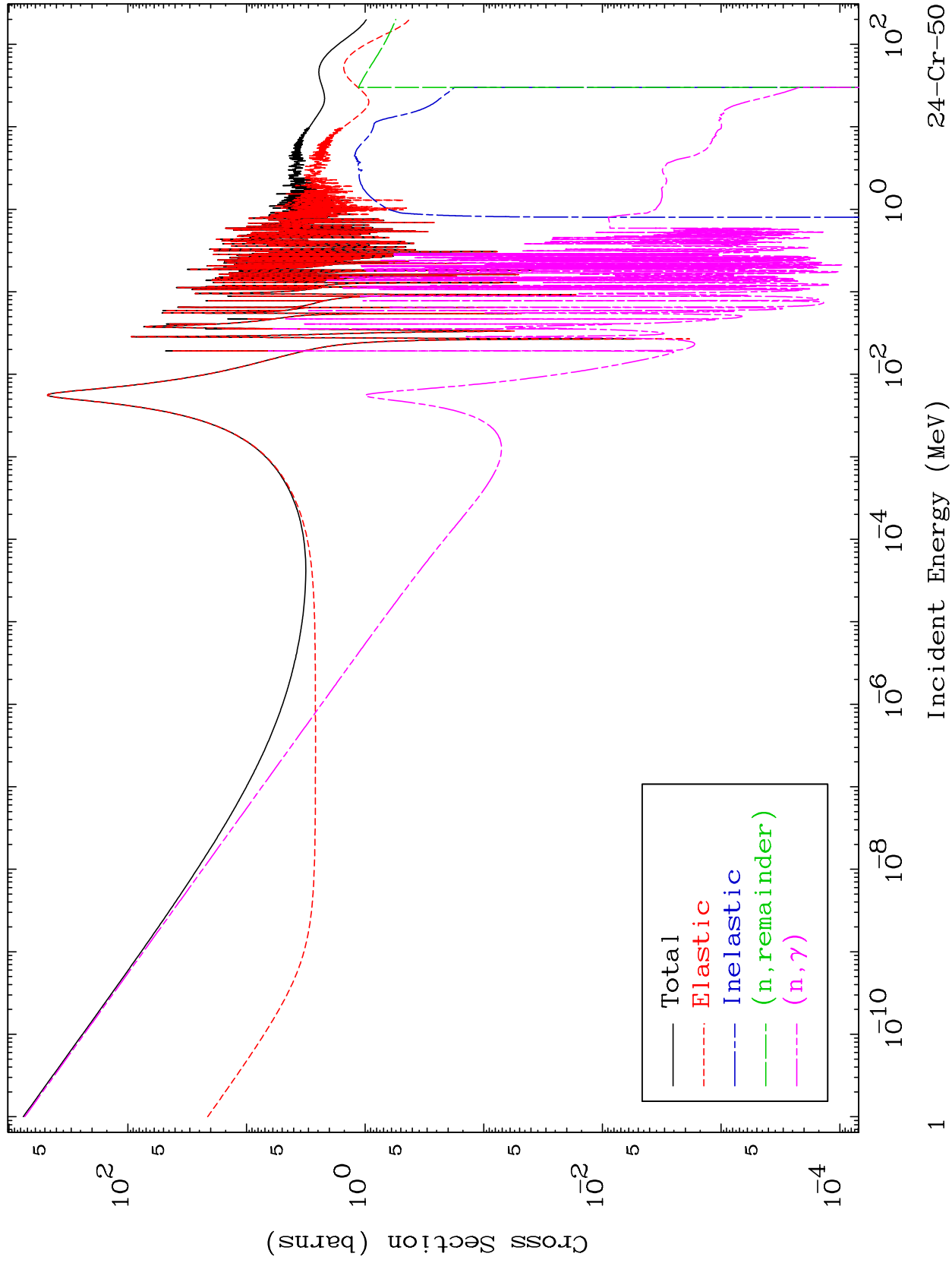
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2425

Major
293 Kelvin Cross Sections

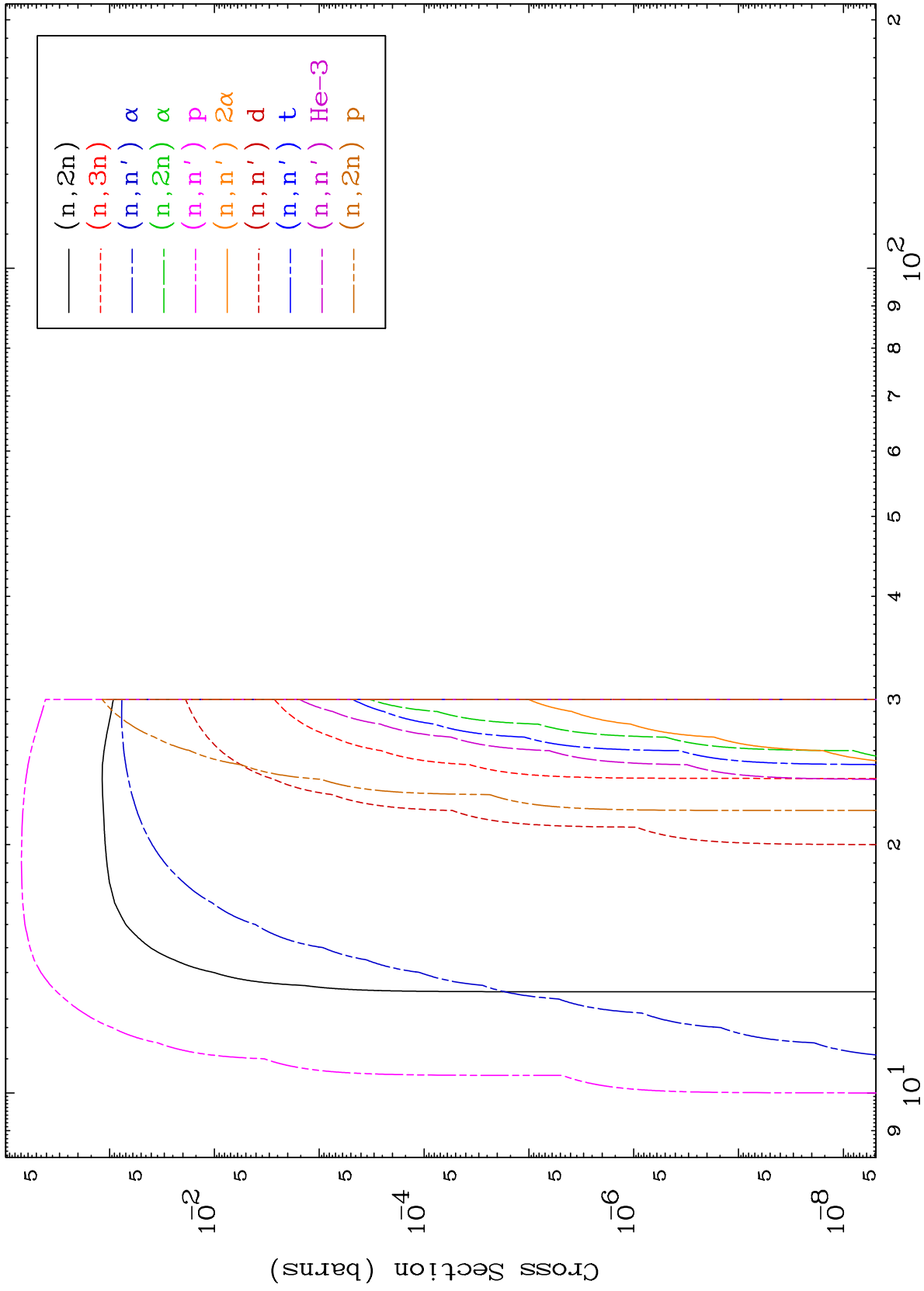
24-Cr-50



MAT 2425

Neutron Production
293 Kelvin Cross Sections

24-Cr-50



2

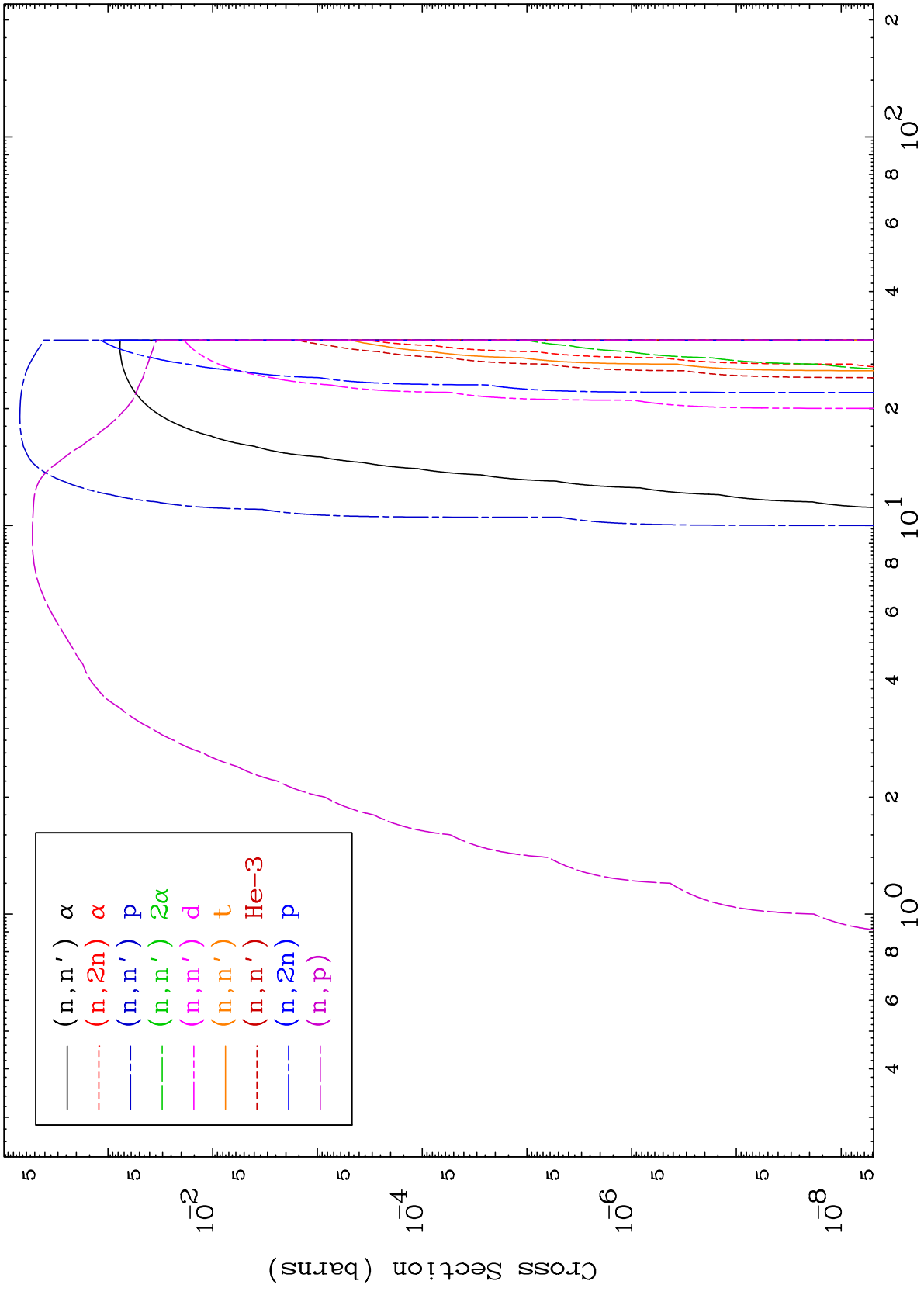
Incident Energy (MeV)

24-Cr-50

MAT 2425

293 Kelvin Cross Sections

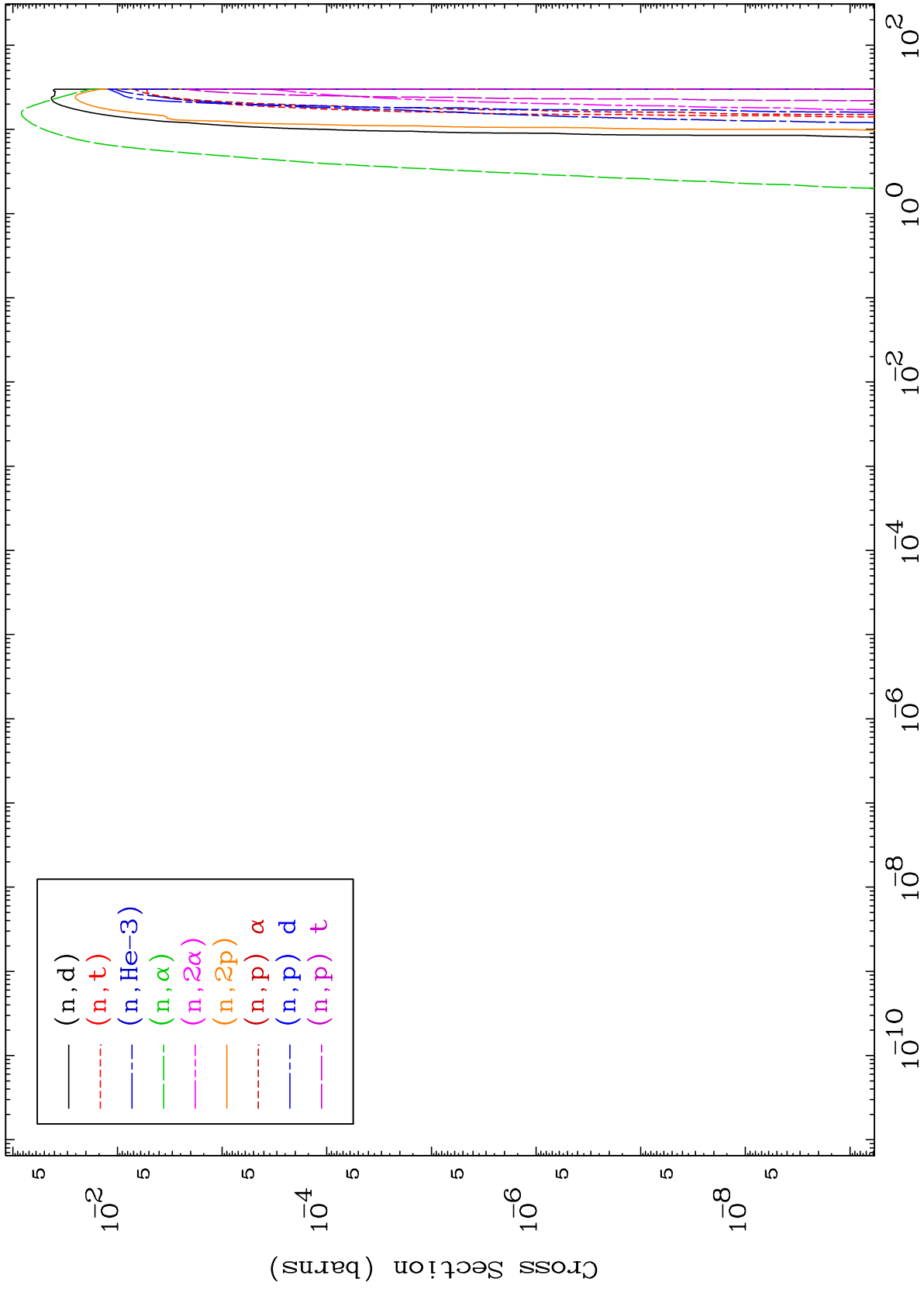
24-Cr-50



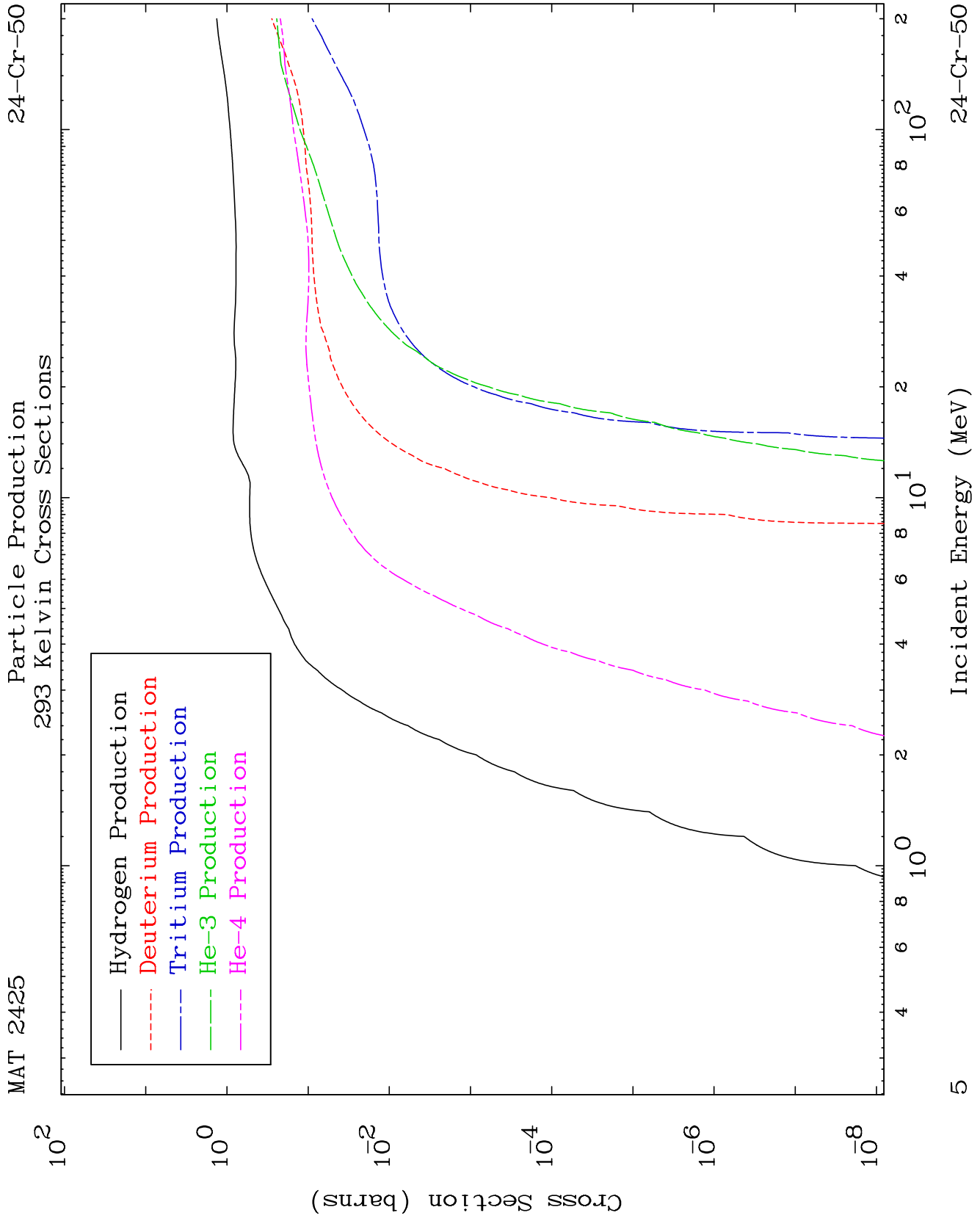
MAT 2425

Charged Particle
293 Kelvin Cross Sections

24-Cr-50



24-Cr-50

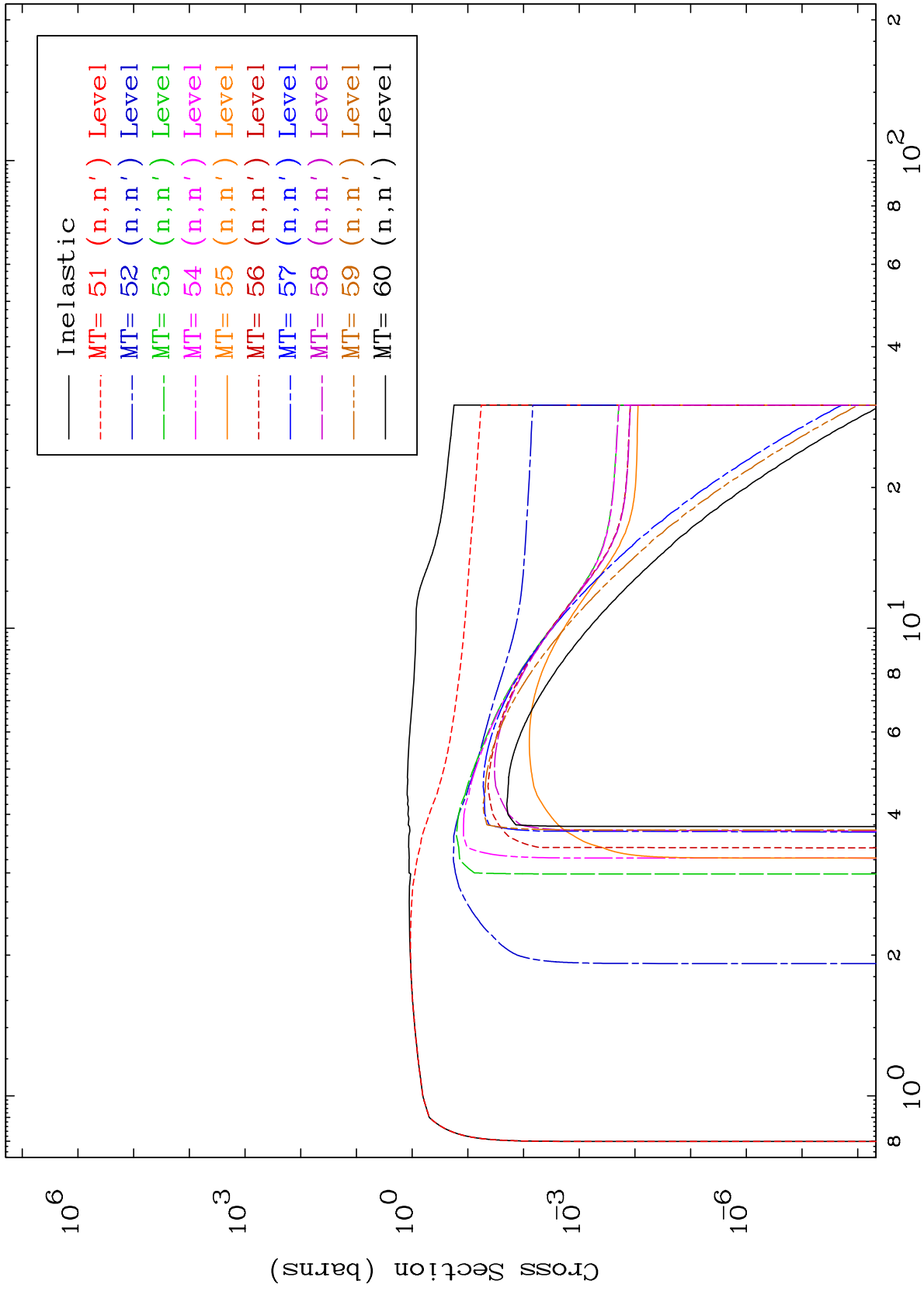


MAT 2425

(n,n') Level

24-Cr-50

293 Kelvin Cross Sections



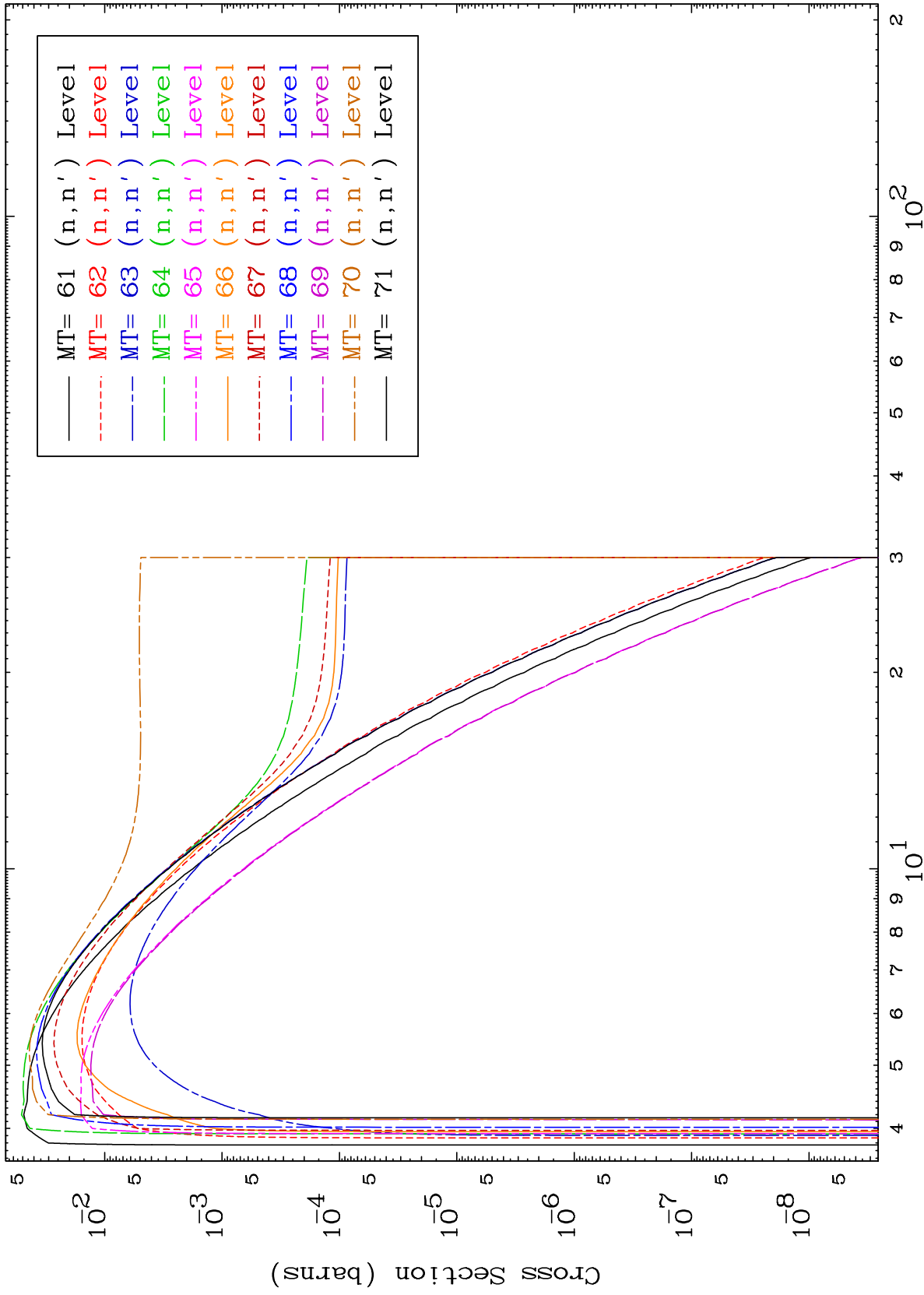
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,n') Level
293 Kelvin Cross Sections

24-Cr-50



7

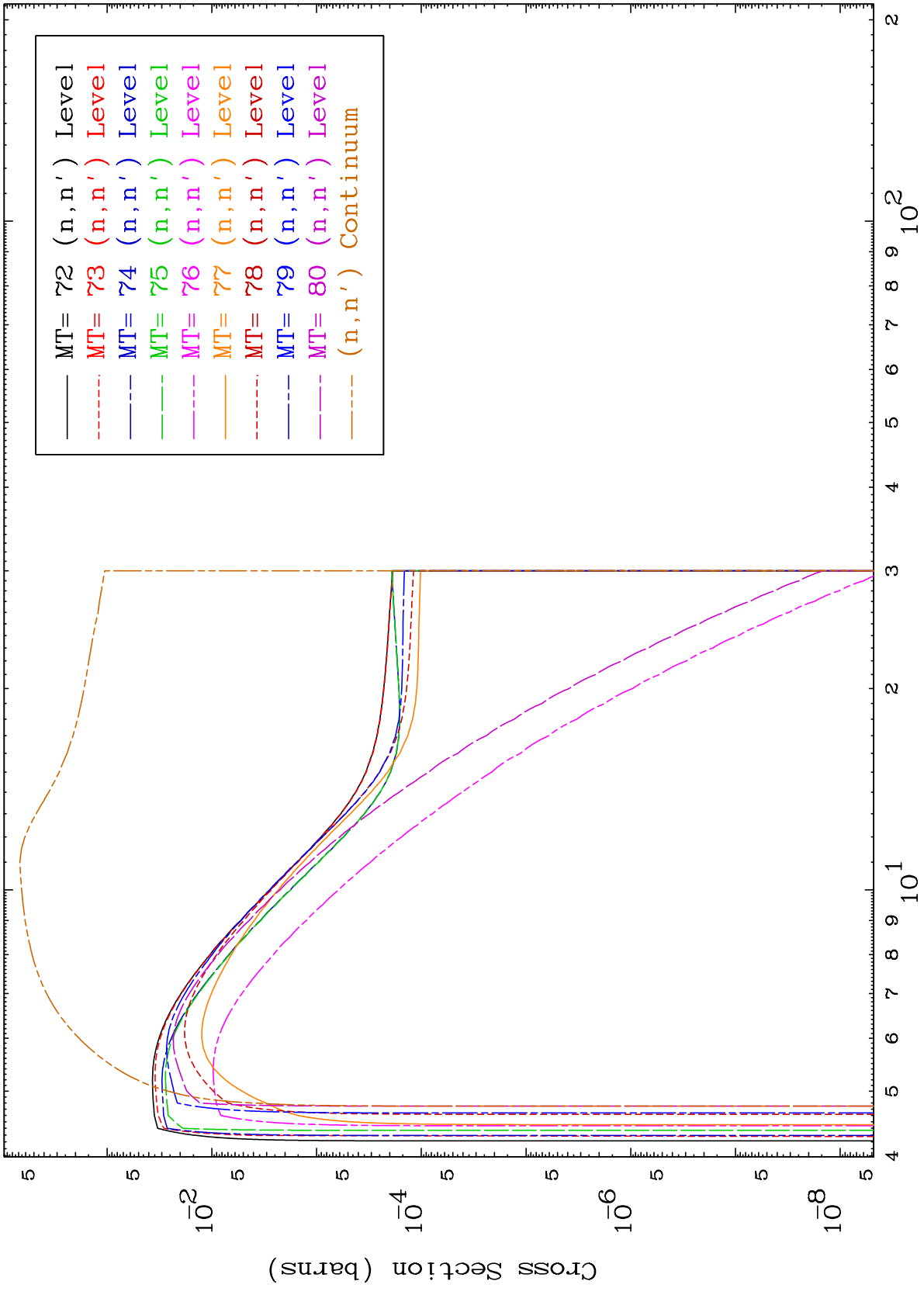
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,n') Level
293 Kelvin Cross Sections

24-Cr-50



8

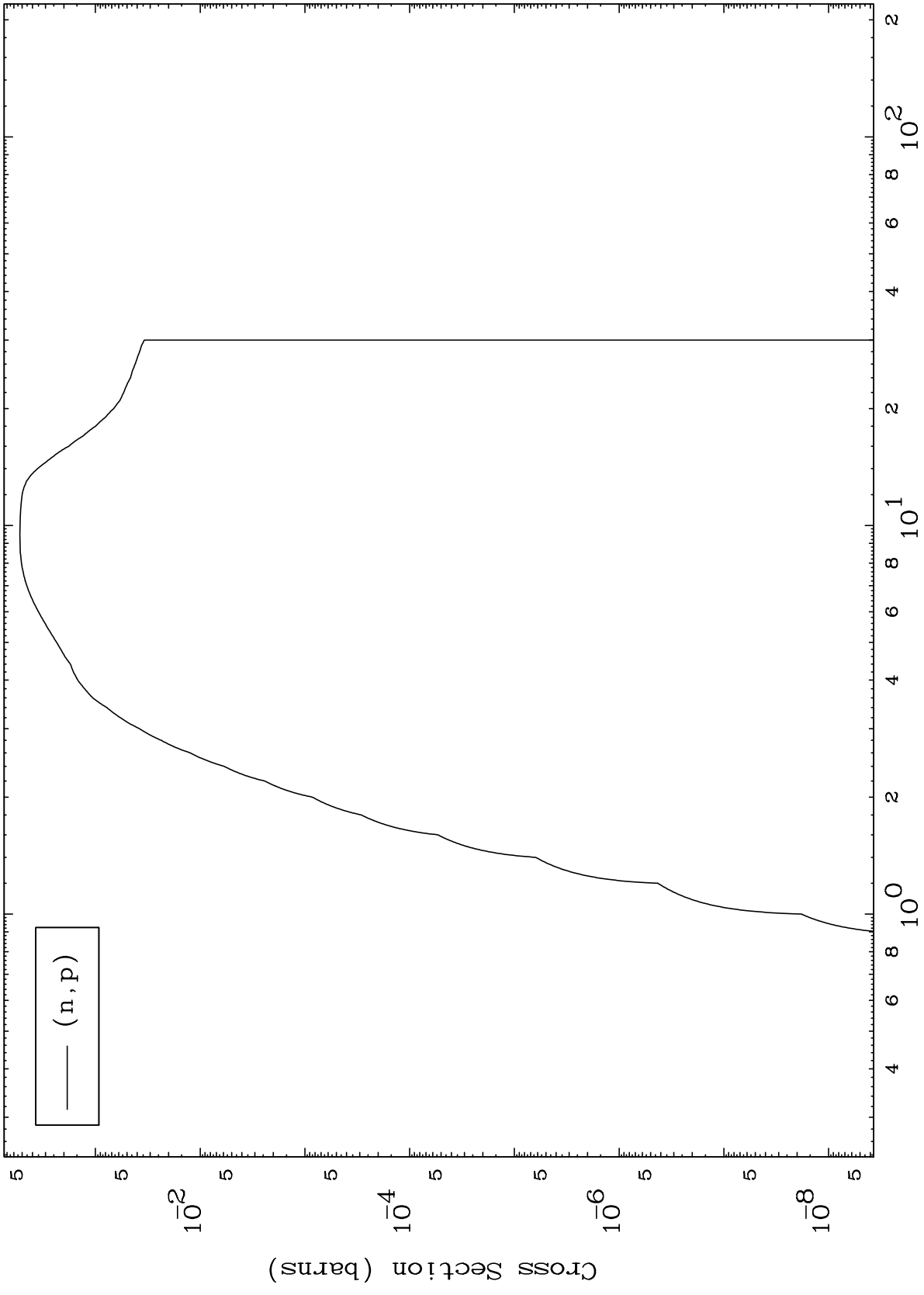
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,p) Levels
293 Kelvin Cross Sections

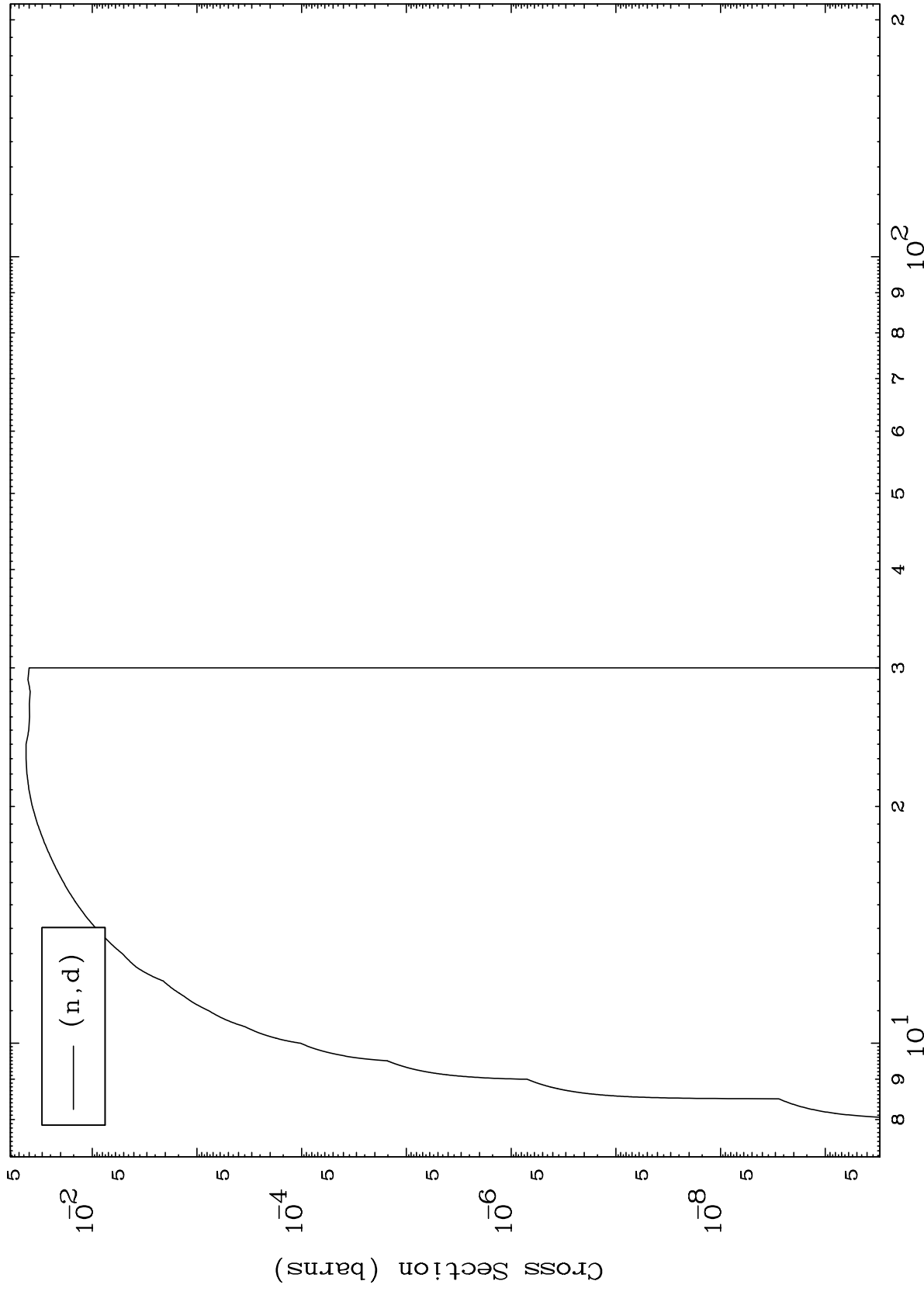
24-Cr-50



MAT 2425

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-50



10

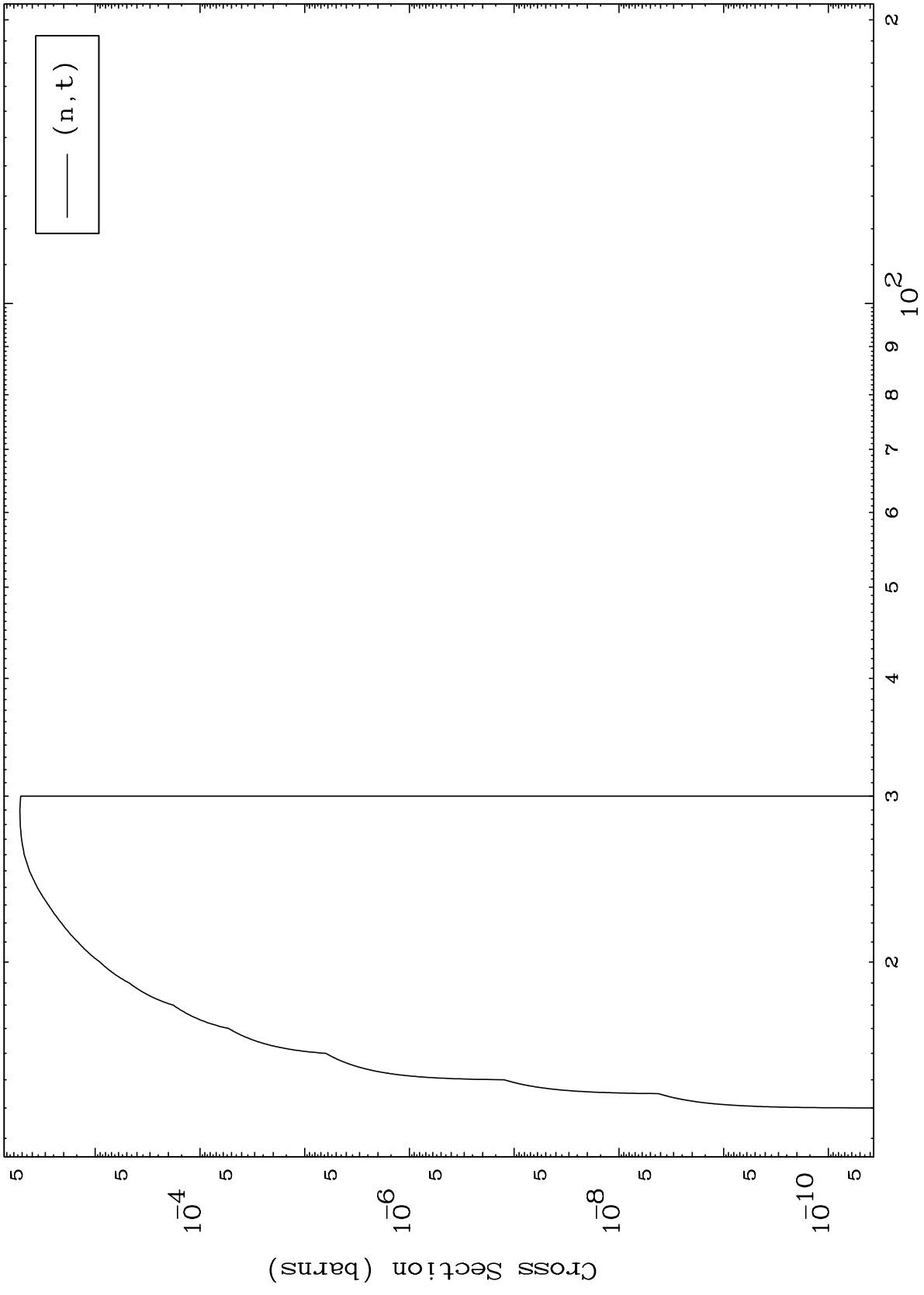
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-50

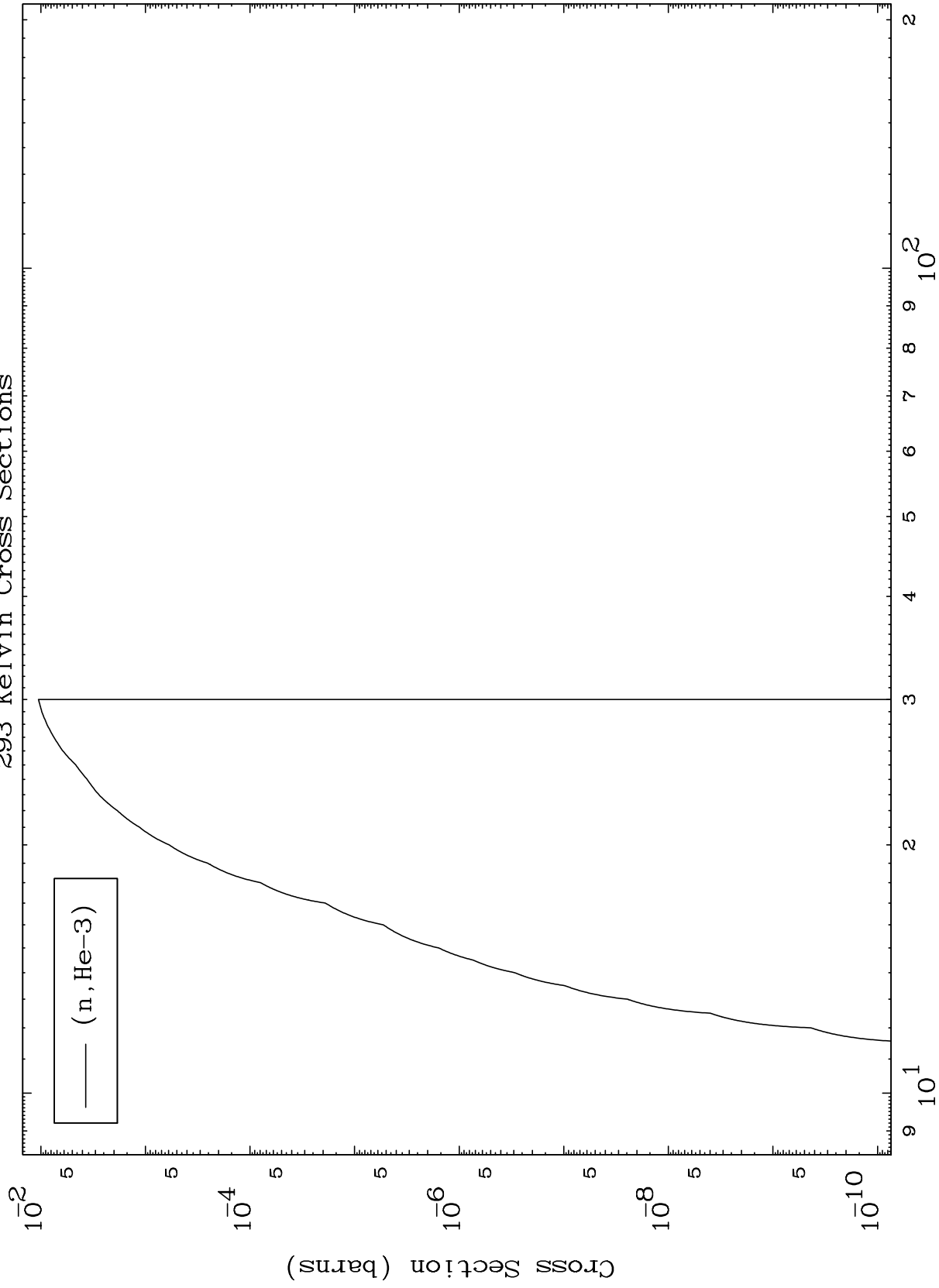


24-Cr-50

MAT 2425

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-50



12

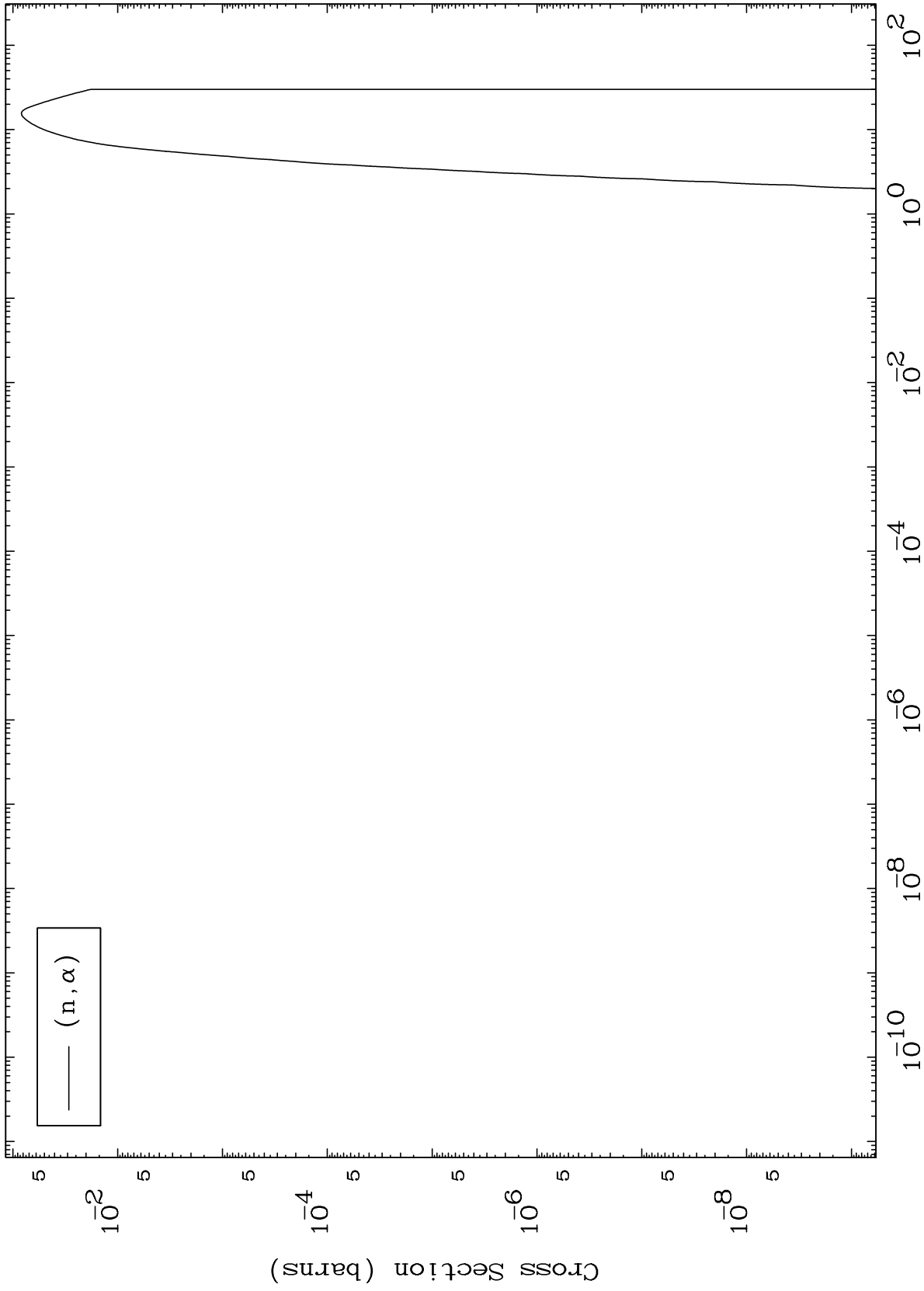
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,α) Levels
293 Kelvin Cross Sections

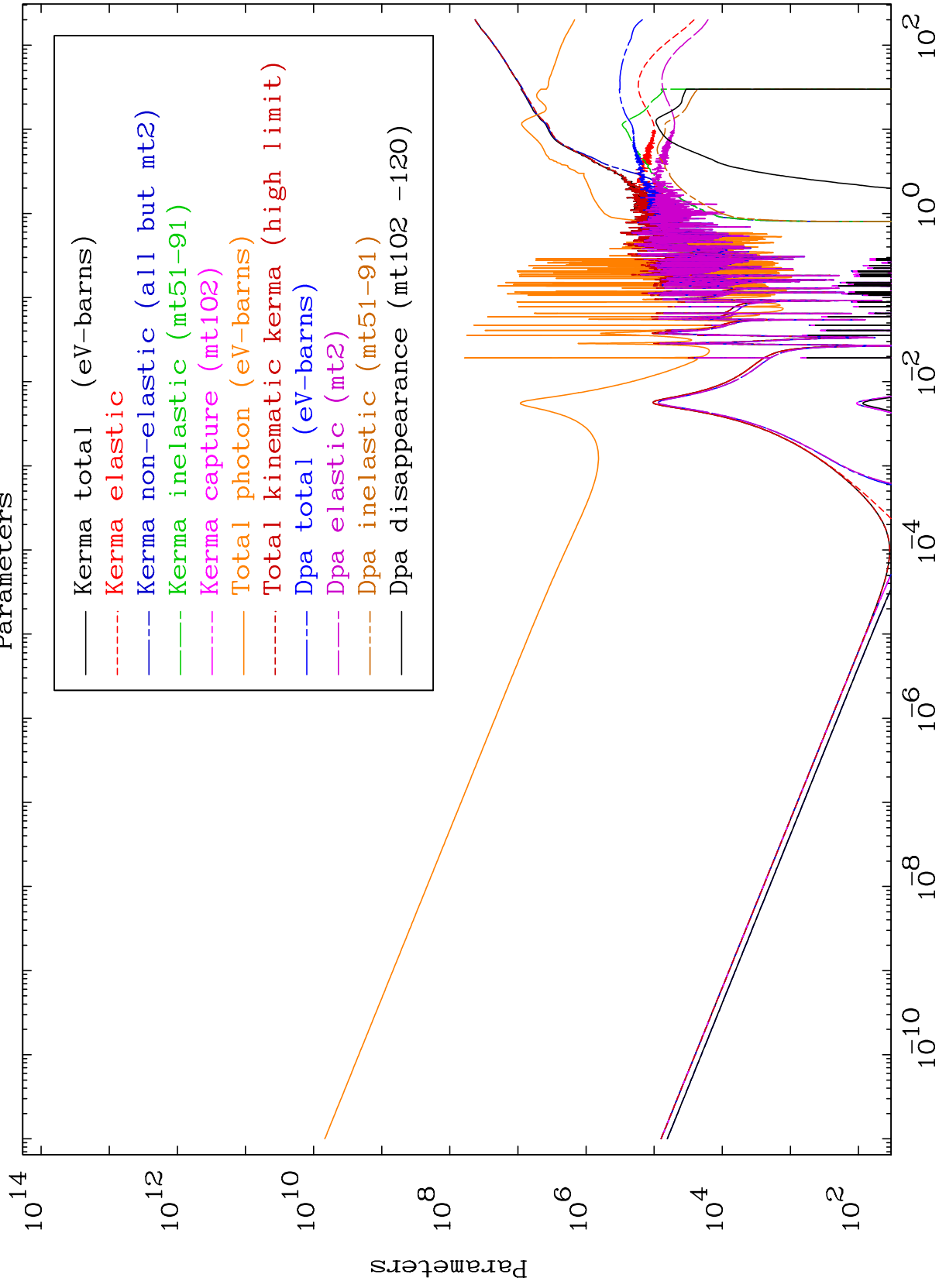
24-Cr-50



13

Incident Energy (MeV)

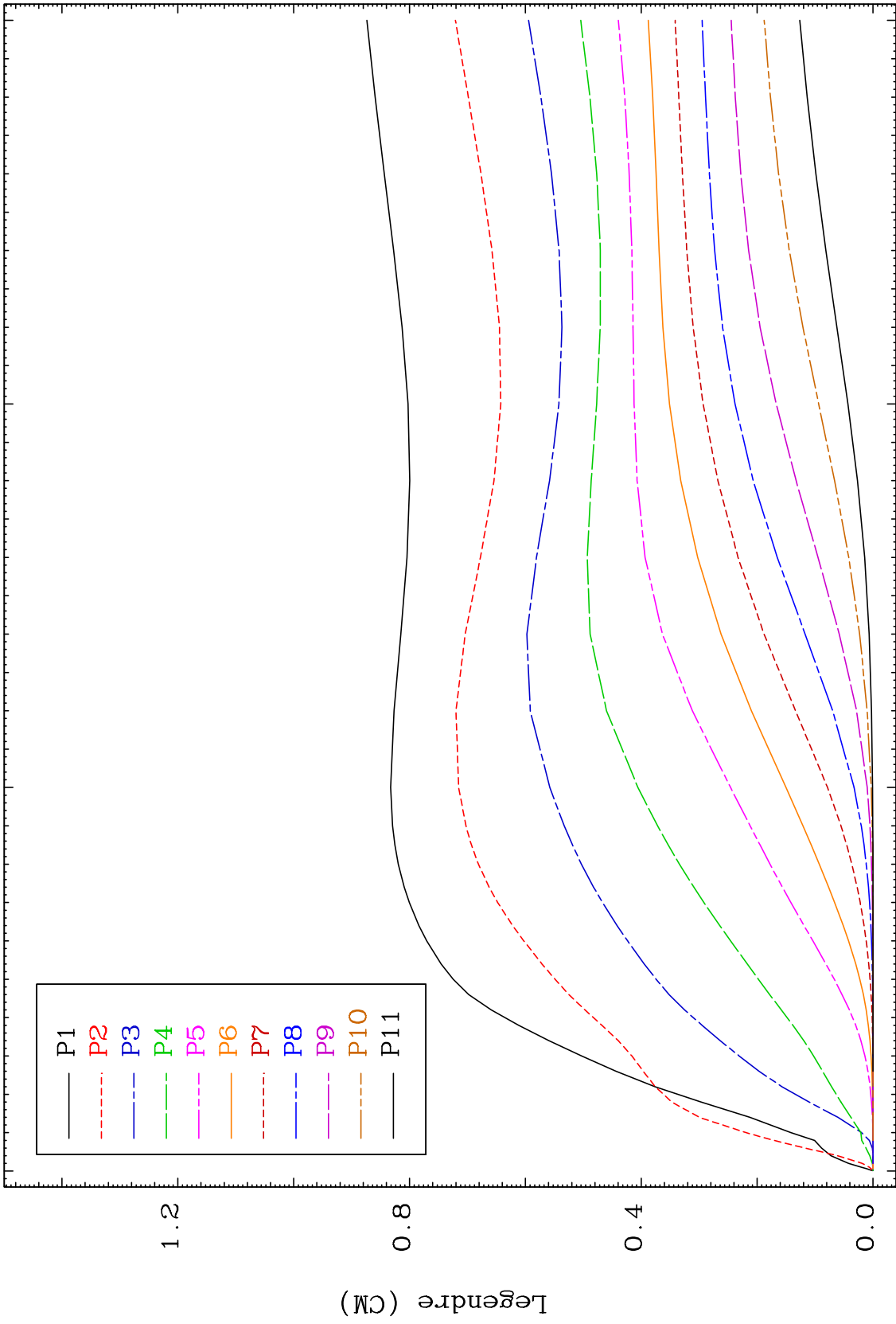
24-Cr-50



MAT 2425

Elastic Legendre Coefficients

24-Cr-50



15

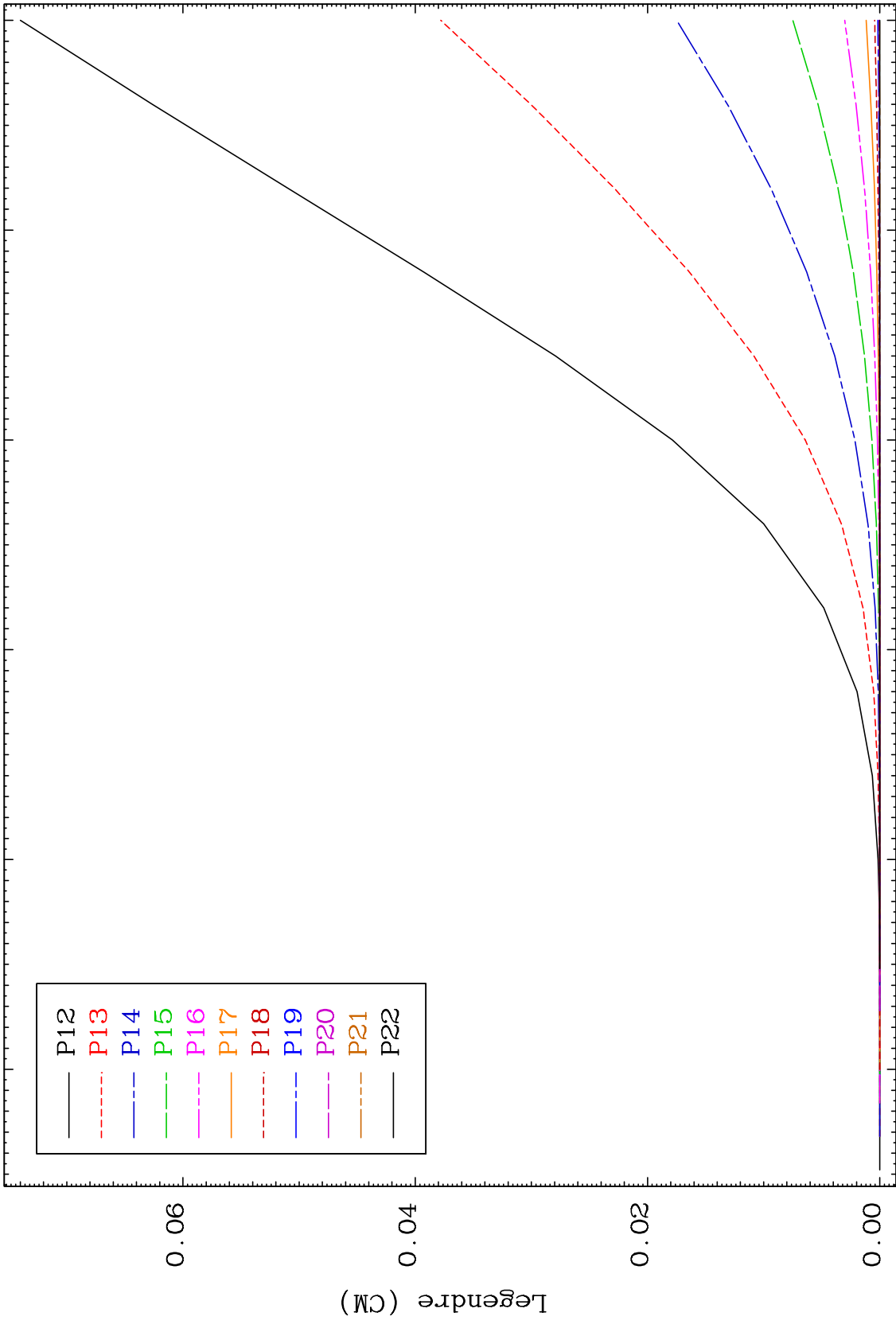
Incident Energy (MeV)

24-Cr-50

MAT 2425

Elastic Legendre Coefficients

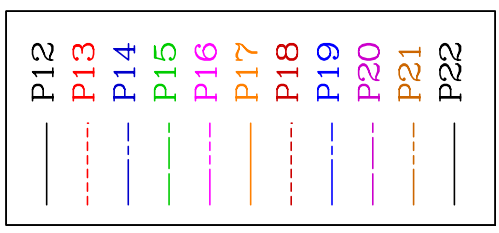
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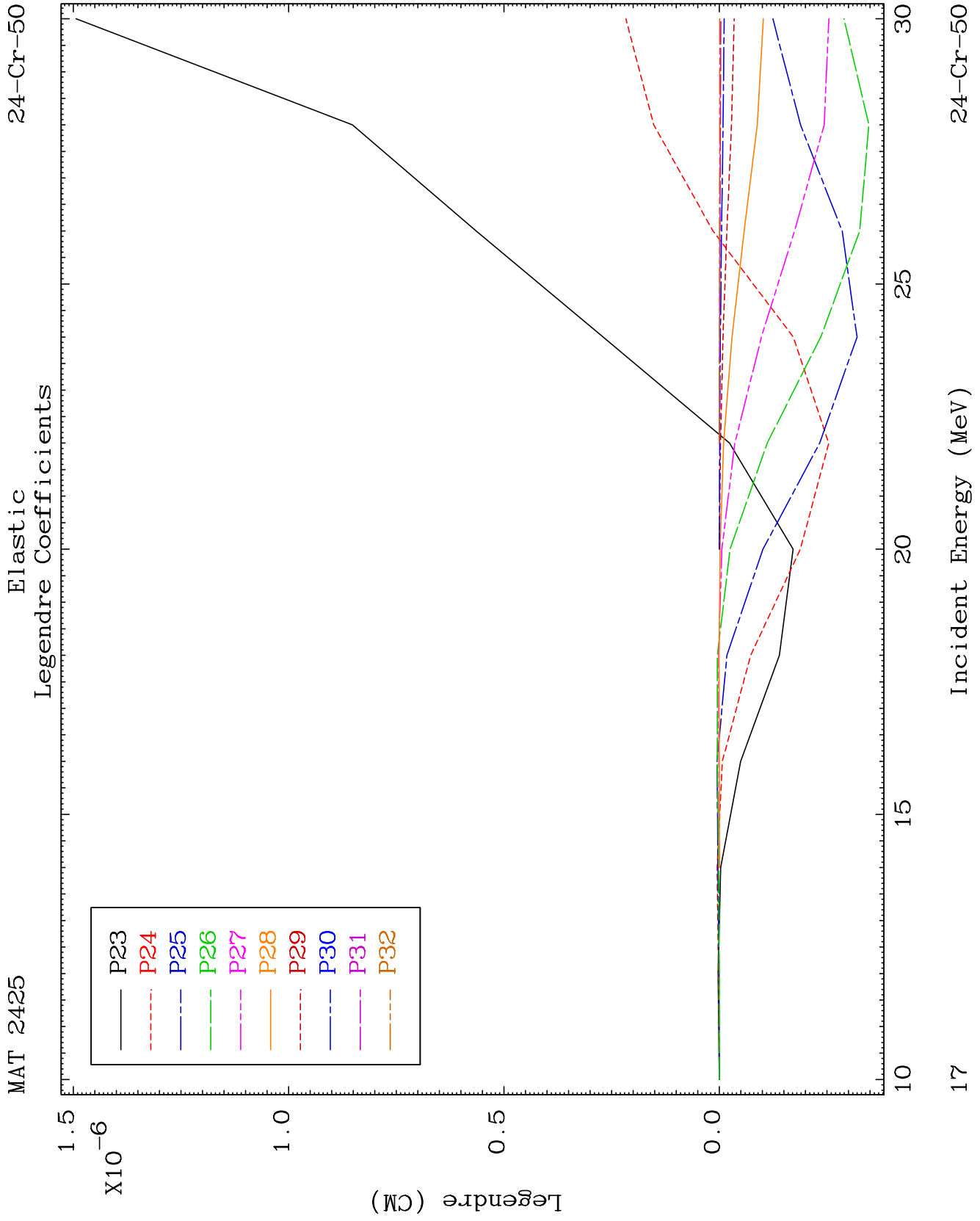


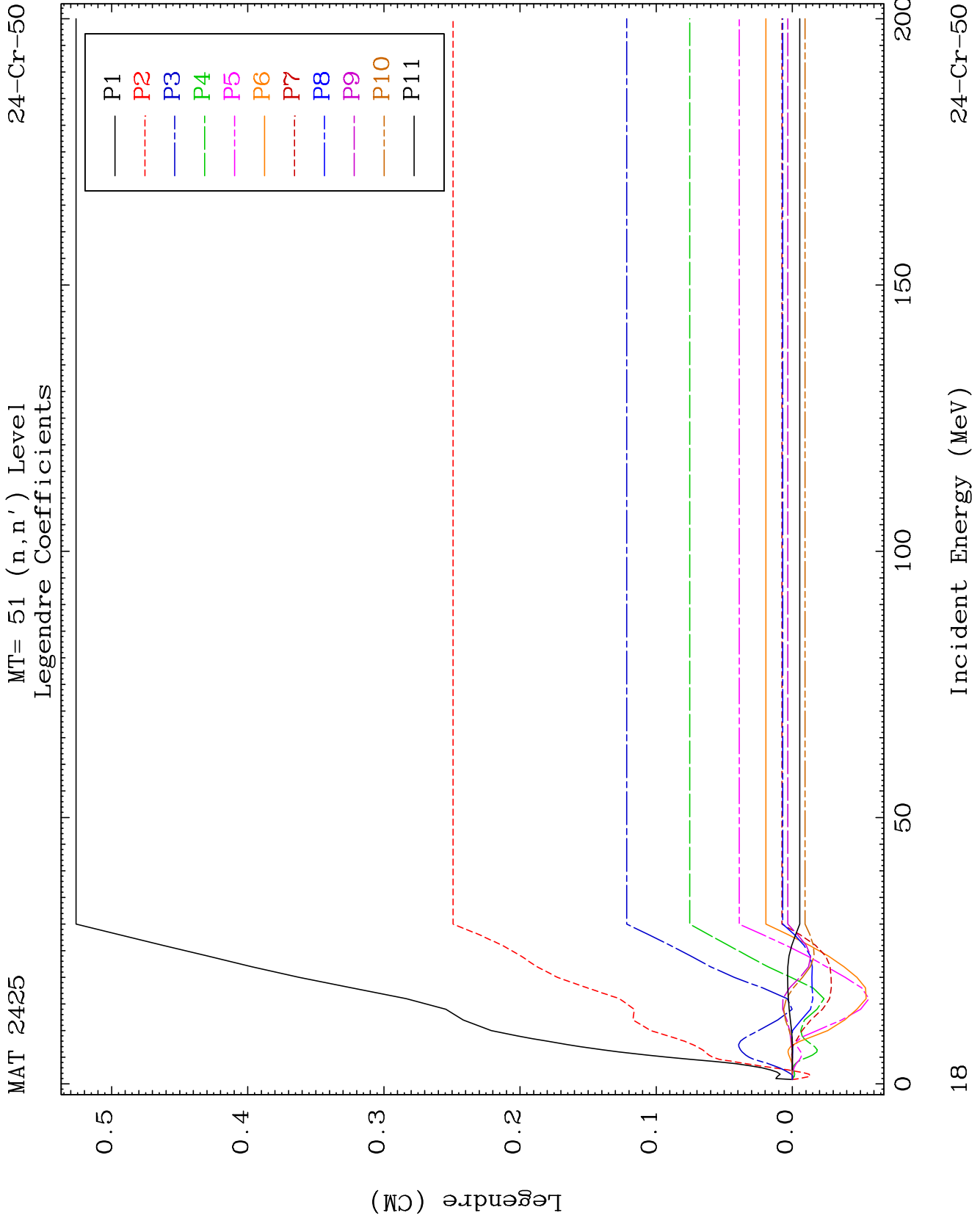
16

Incident Energy (MeV)

24-Cr-50



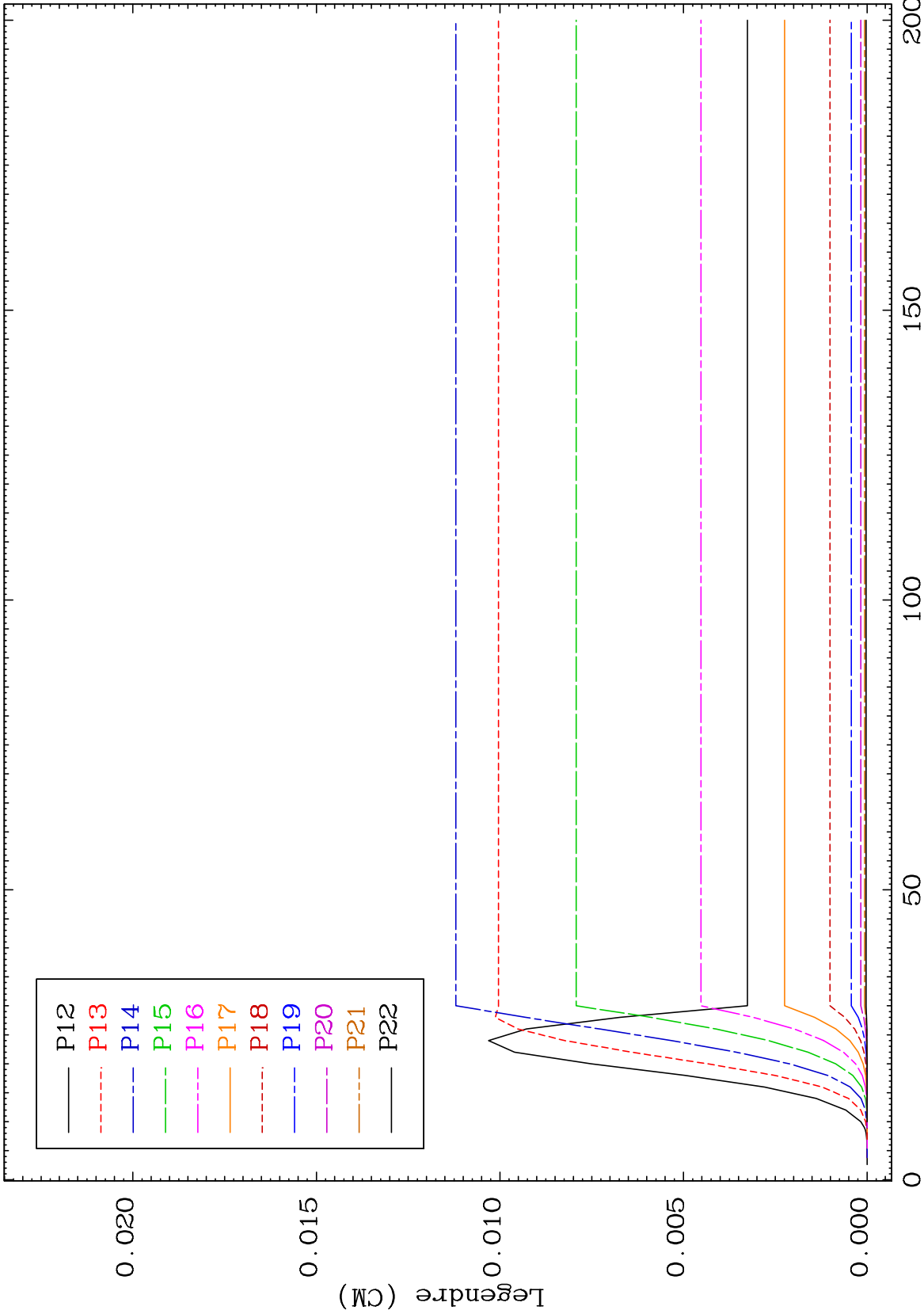




MAT 2425

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

24-Cr-50

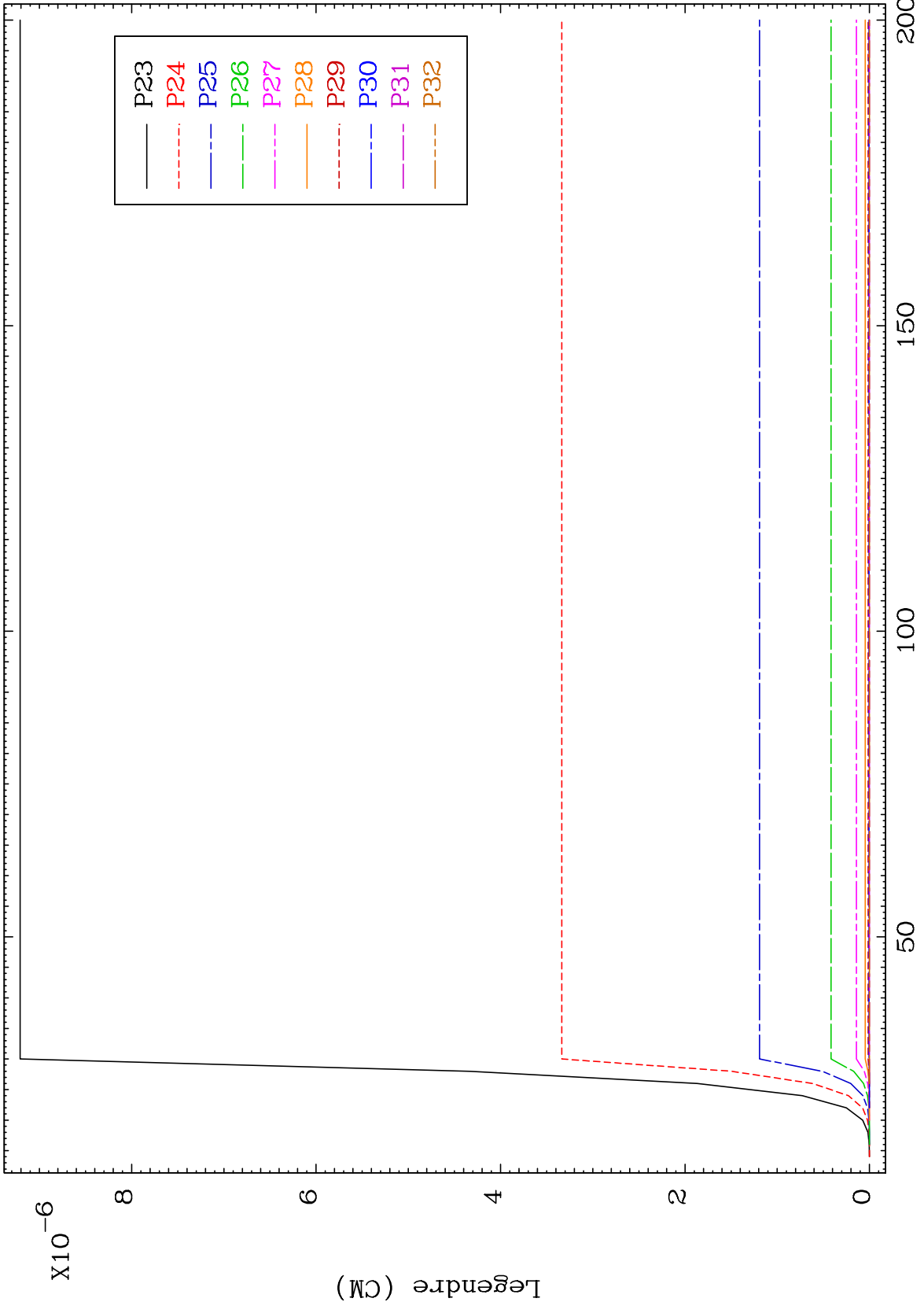


19

Incident Energy (MeV)

24-Cr-50

MAT 2425 MT= 51 (n,n') Level Legendre Coefficients 24-Cr-50

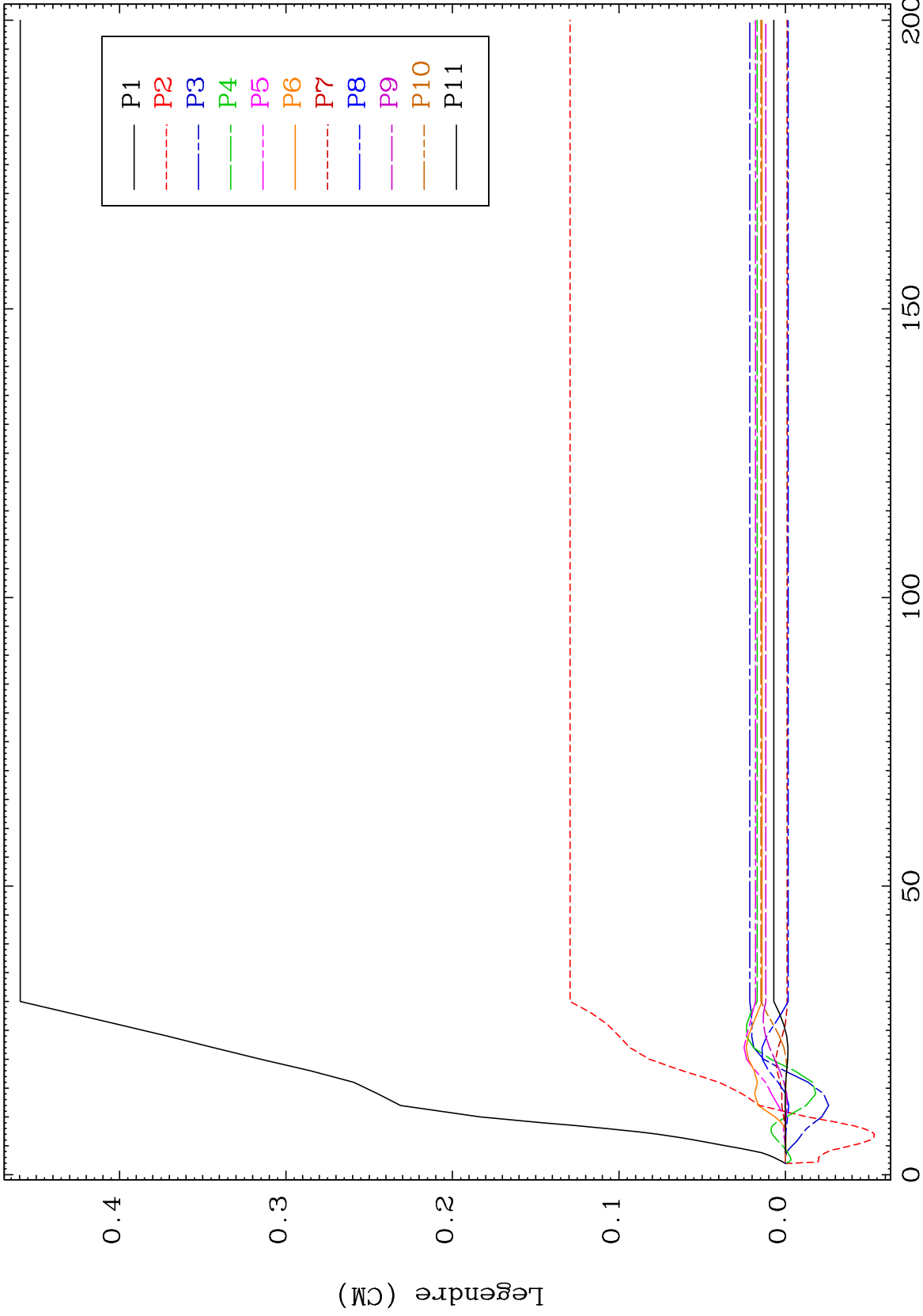


24-Cr-50

MAT 2425

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

24-Cr-50

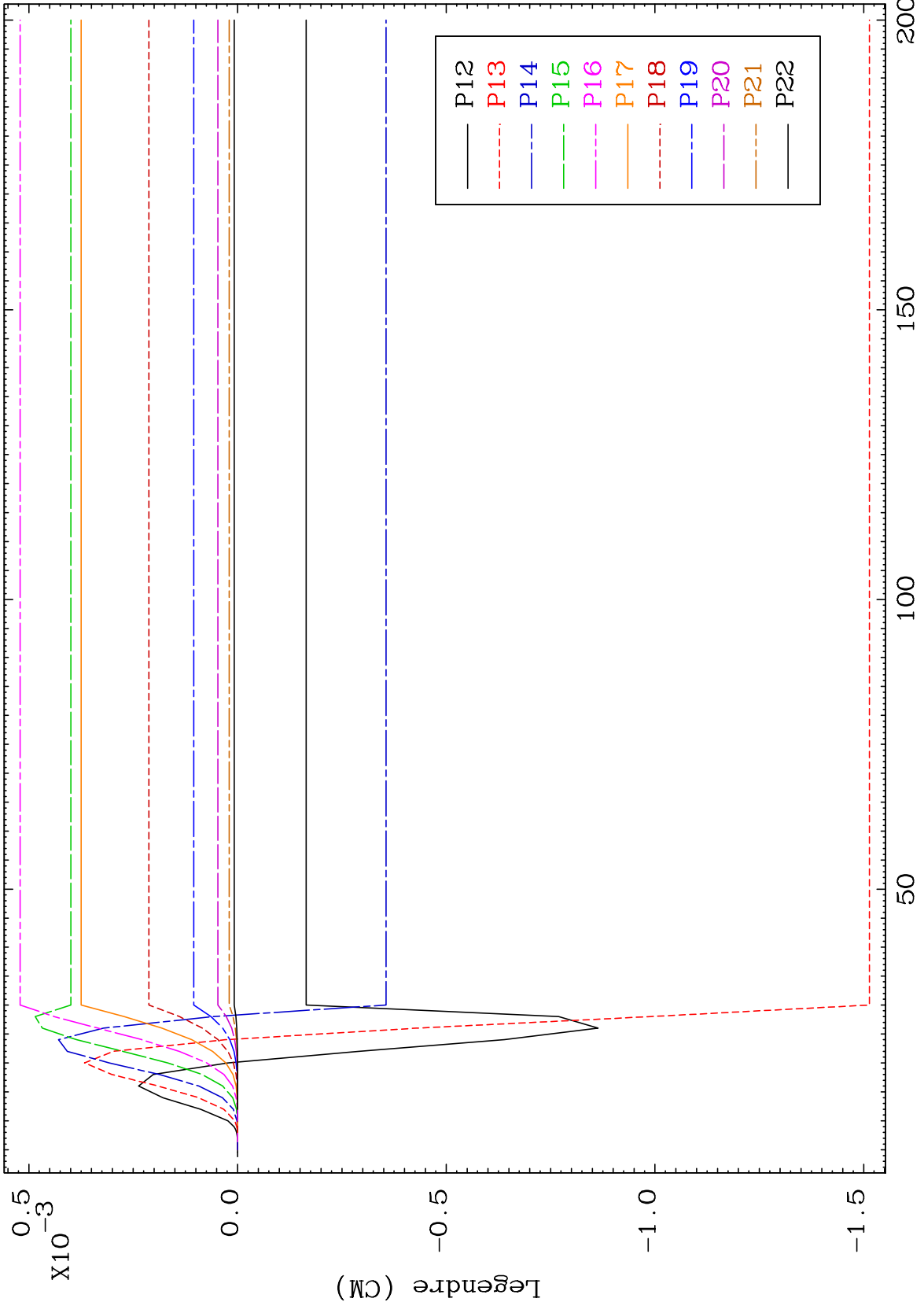


21

Incident Energy (MeV)

24-Cr-50

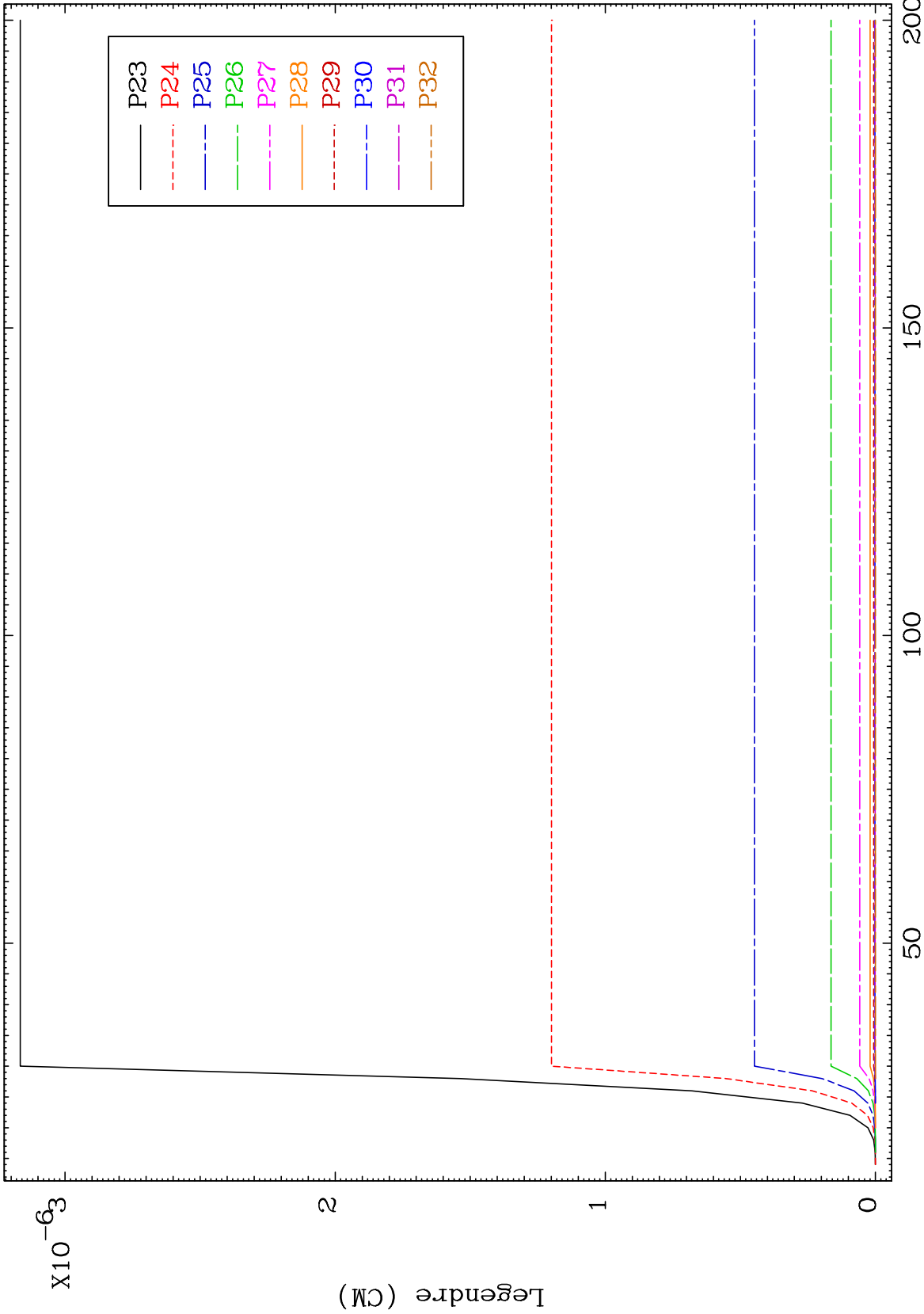
MAT 2425 MT= 52 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50

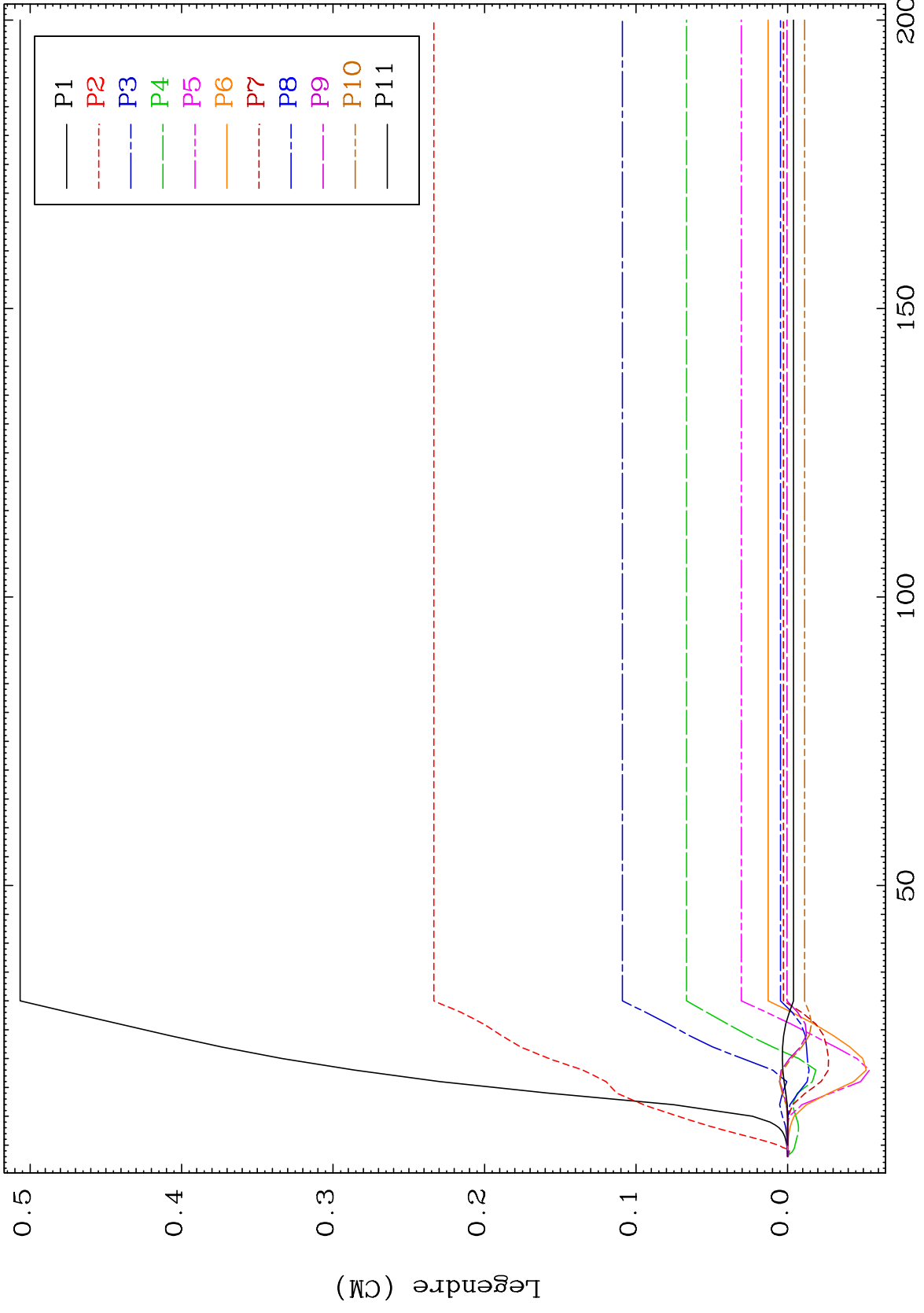


23

Incident Energy (MeV)

24-Cr-50

MAT 2425 MT= 53 (n,n') Level Legendre Coefficients 24-Cr-50

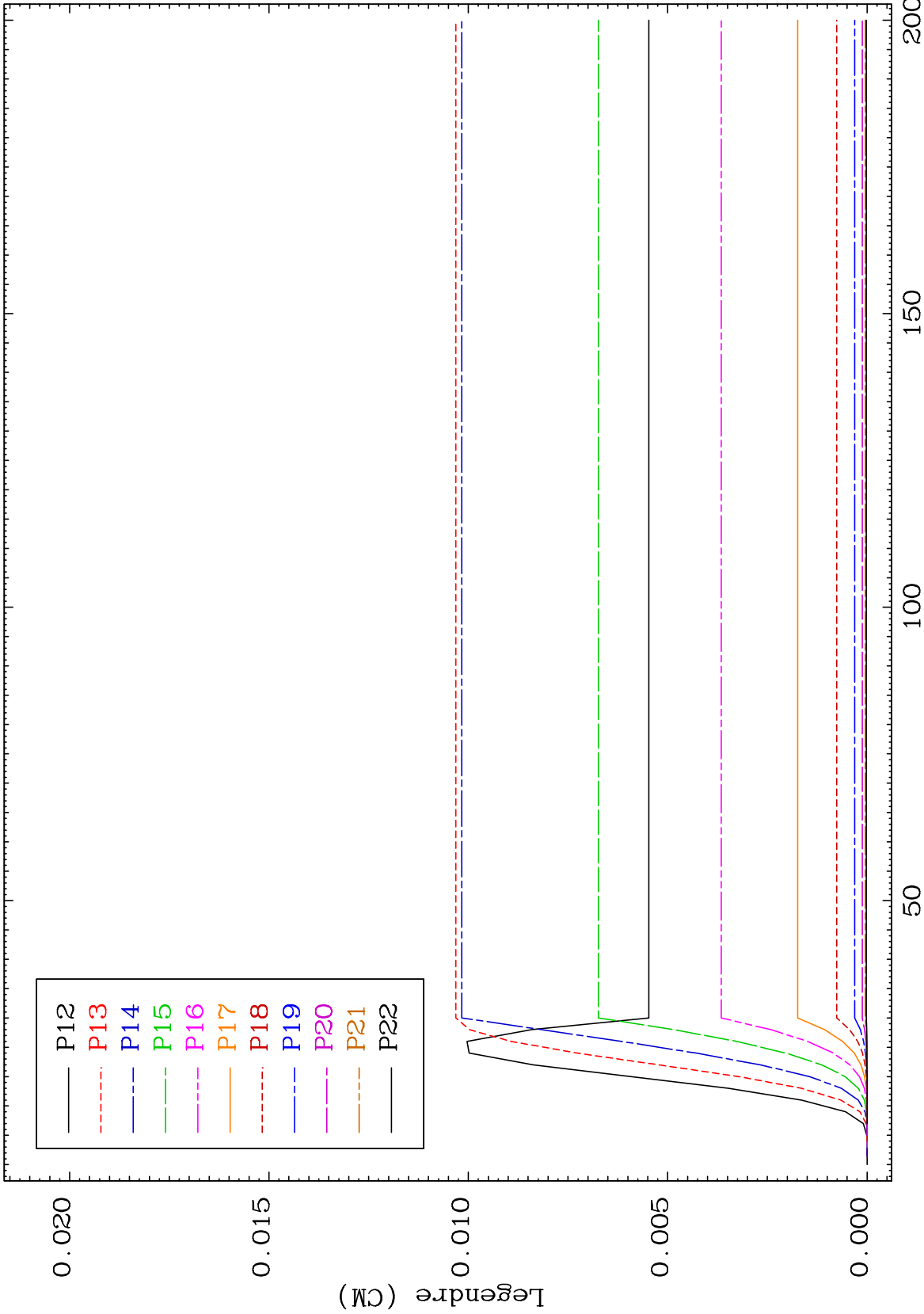


24 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50



25

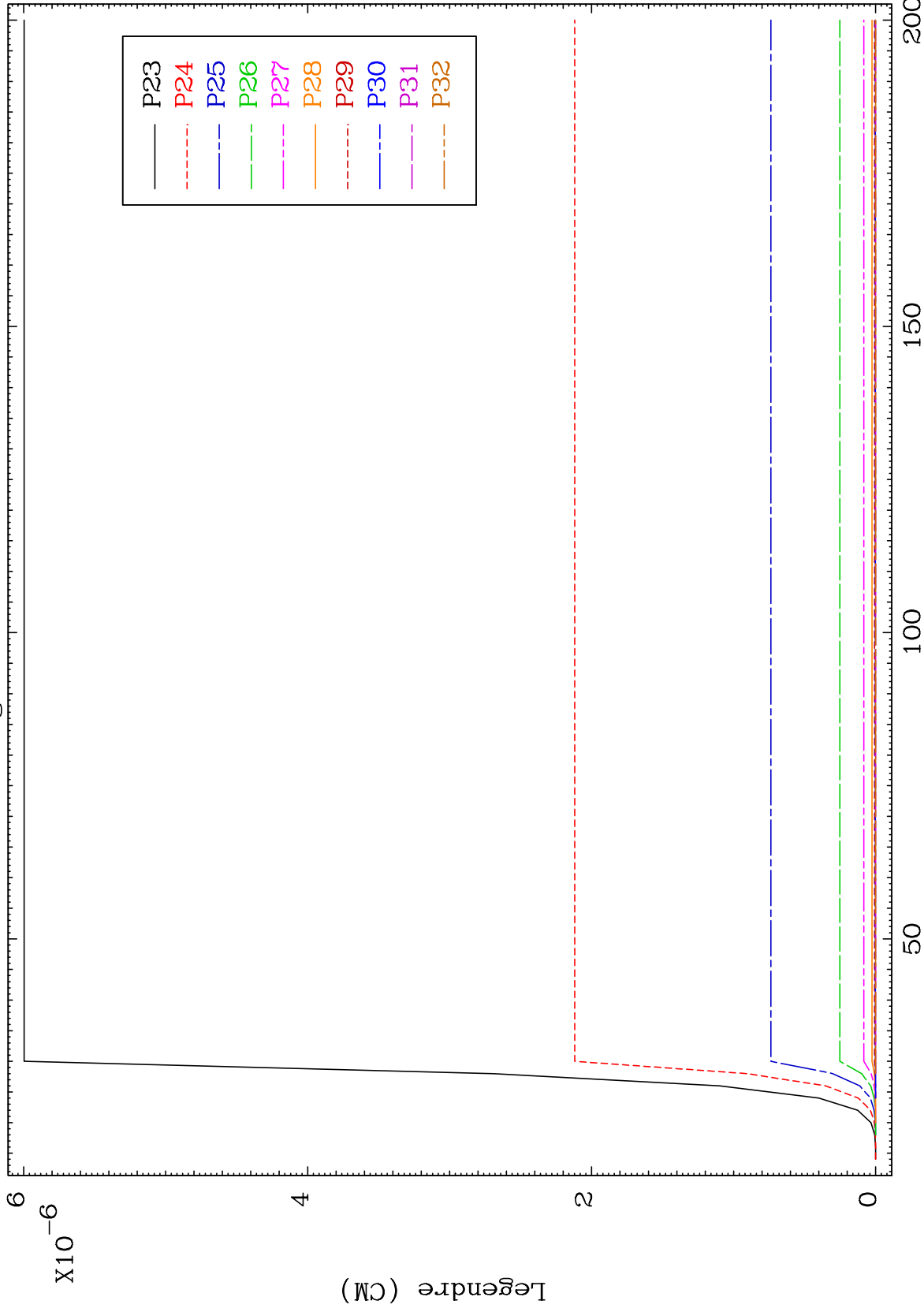
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

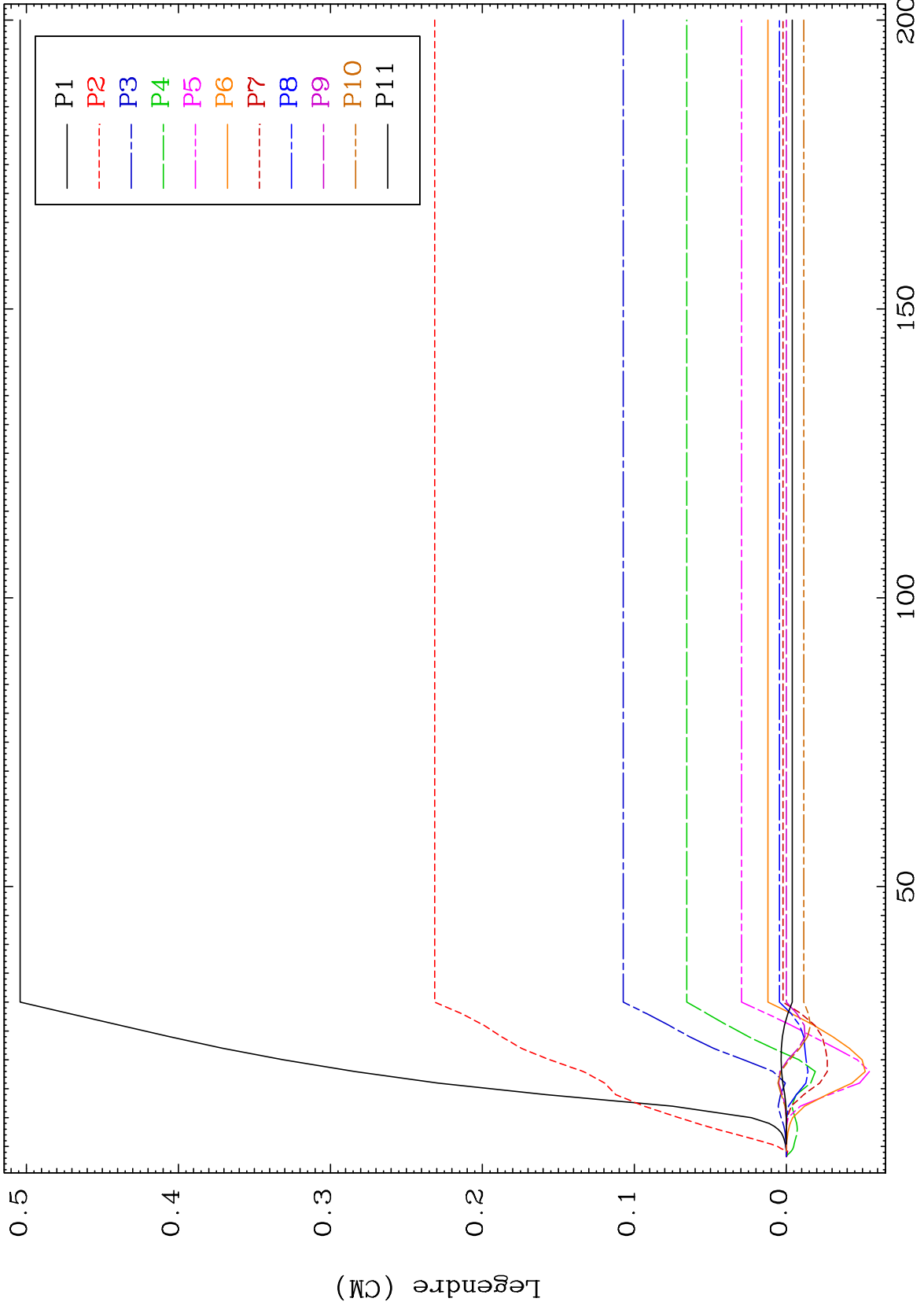


26

Incident Energy (MeV)

24-Cr-50

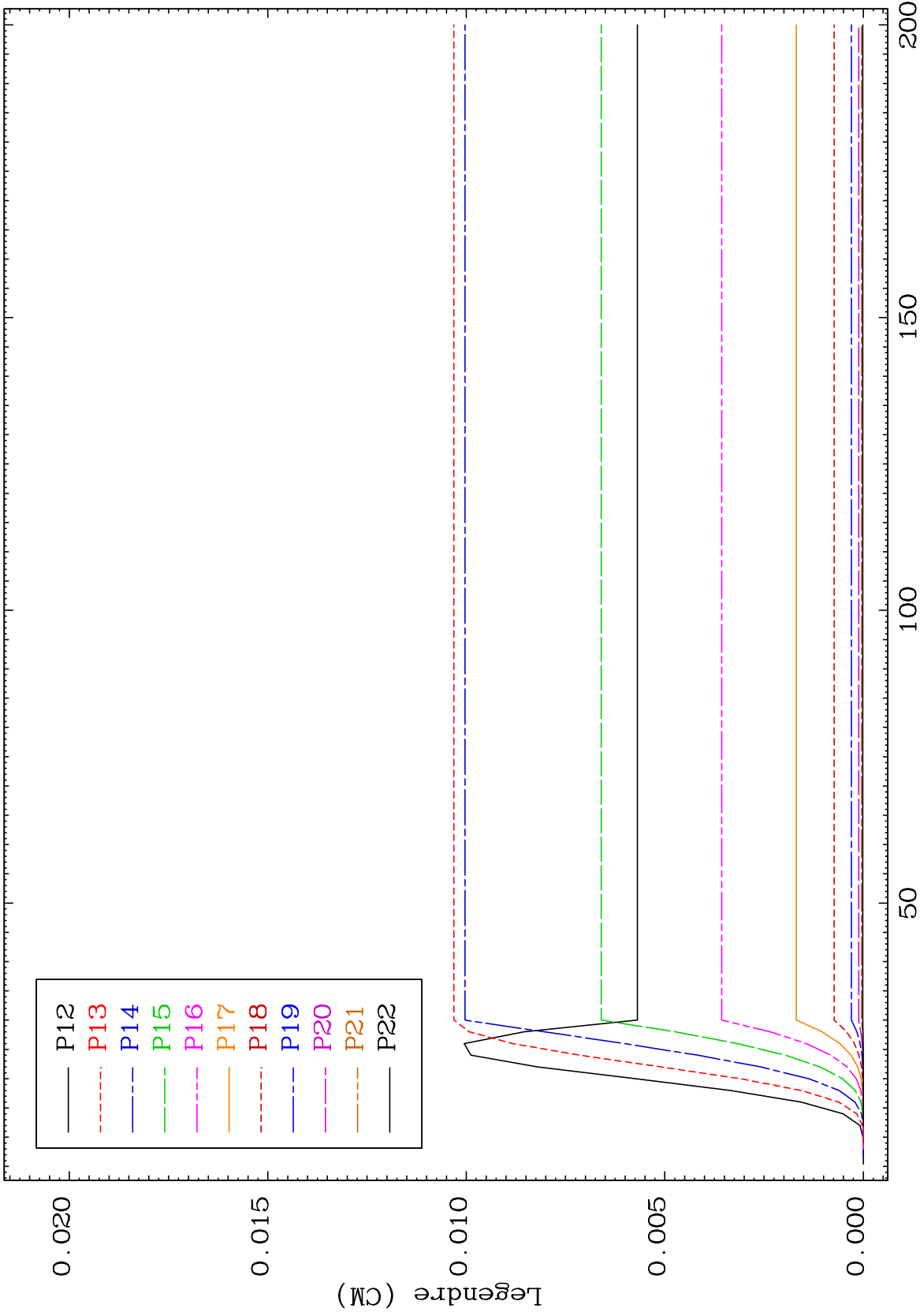
MAT 2425 MT= 54 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50



28

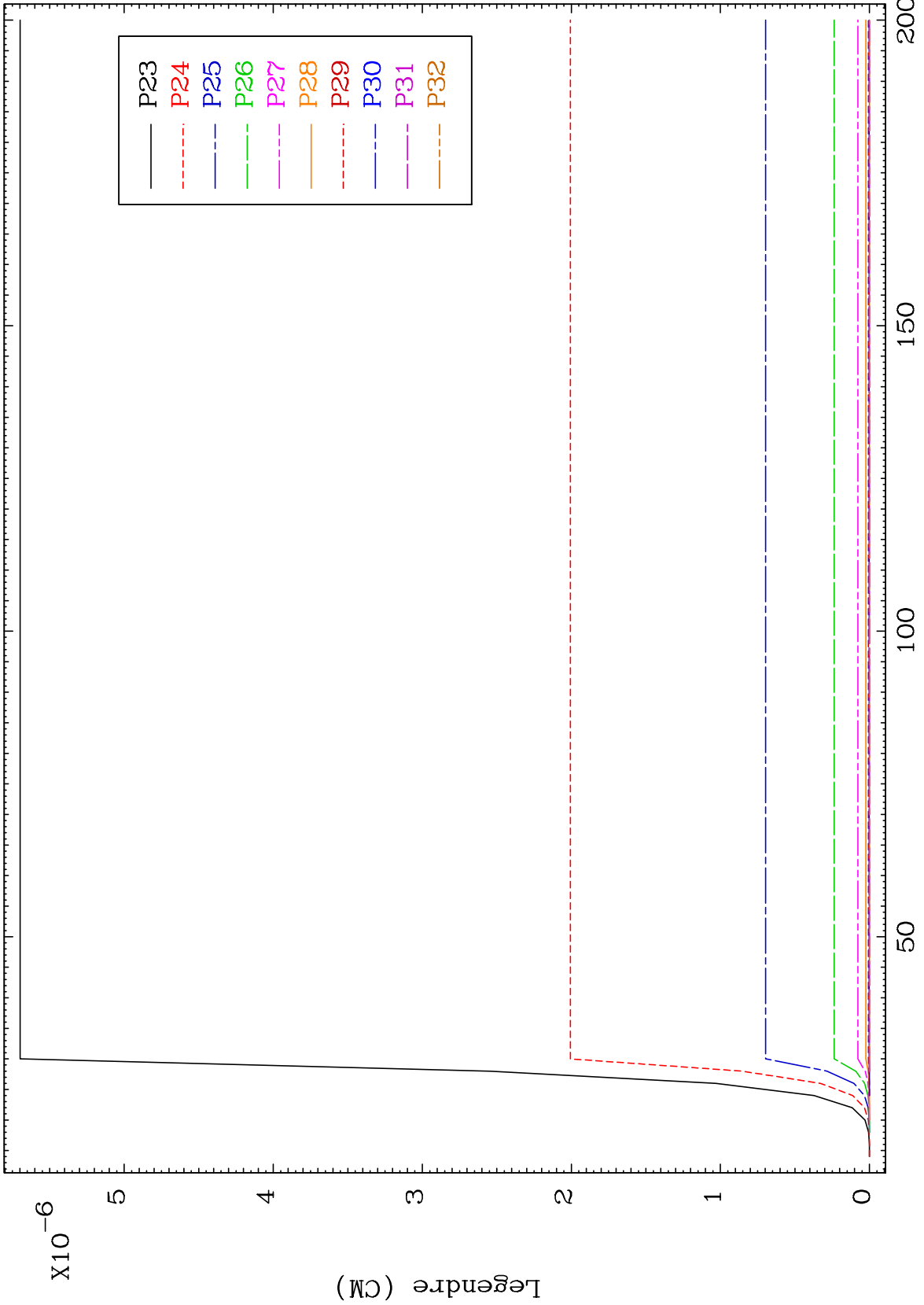
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

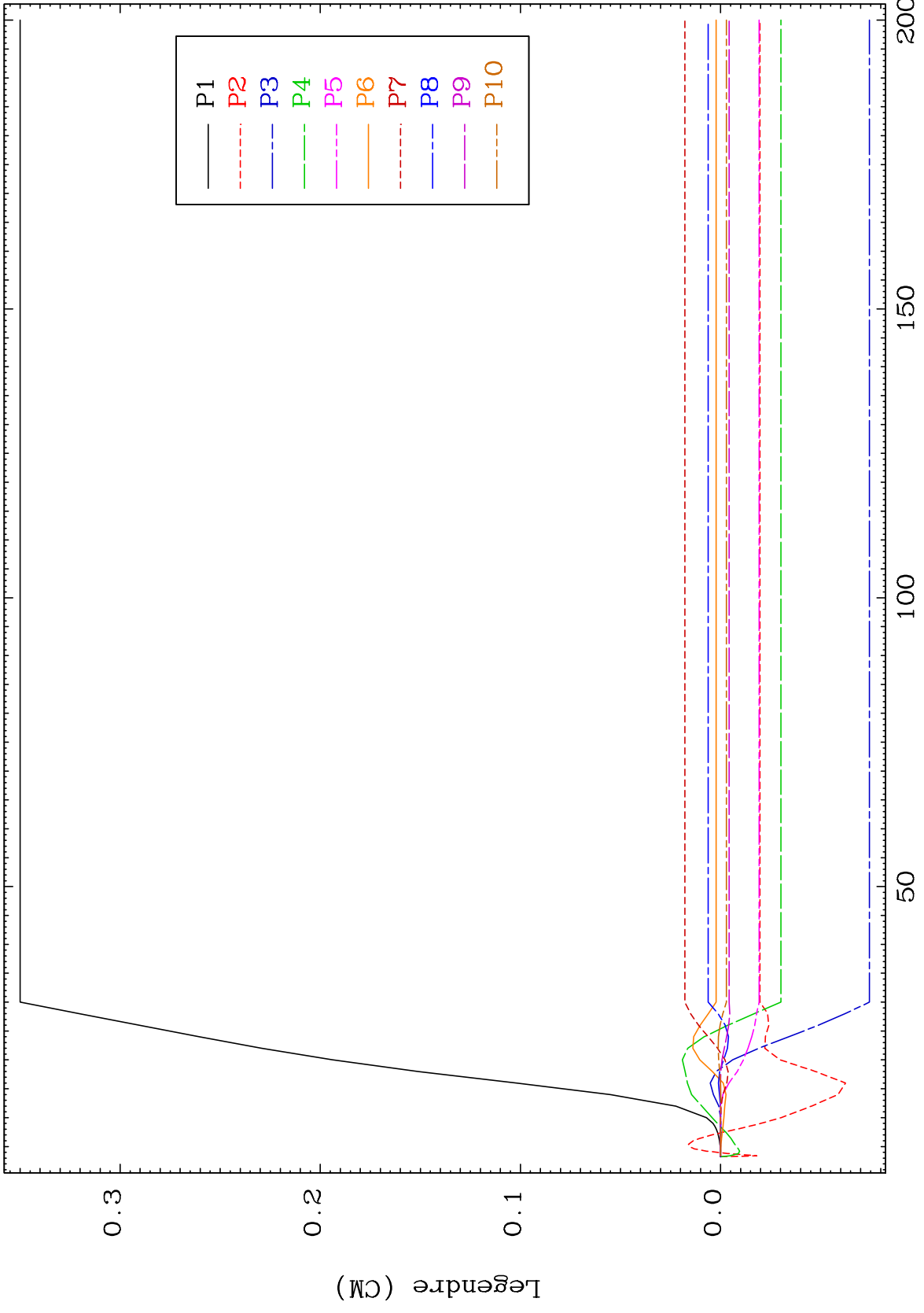


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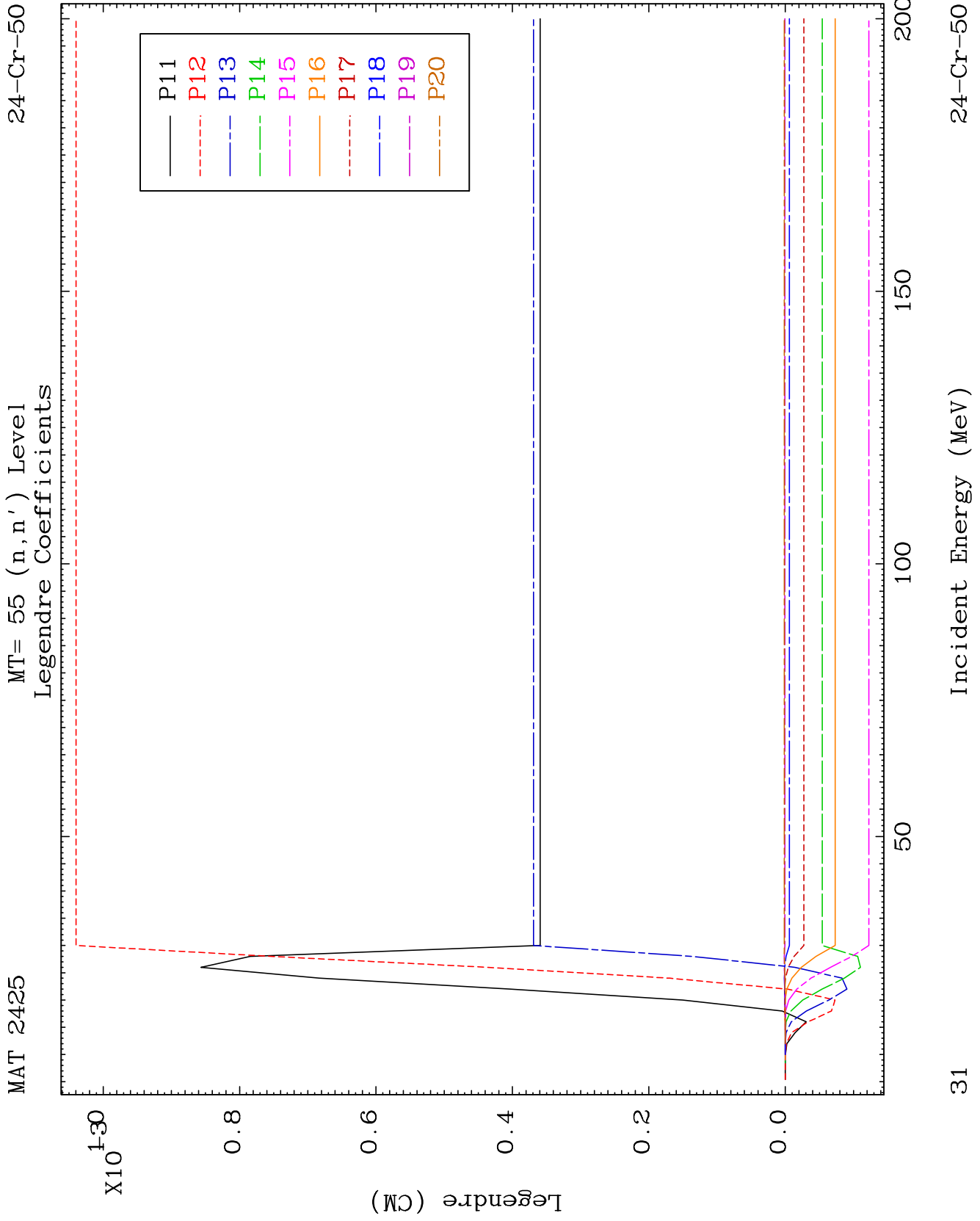
Incident Energy (MeV)

24-Cr-50

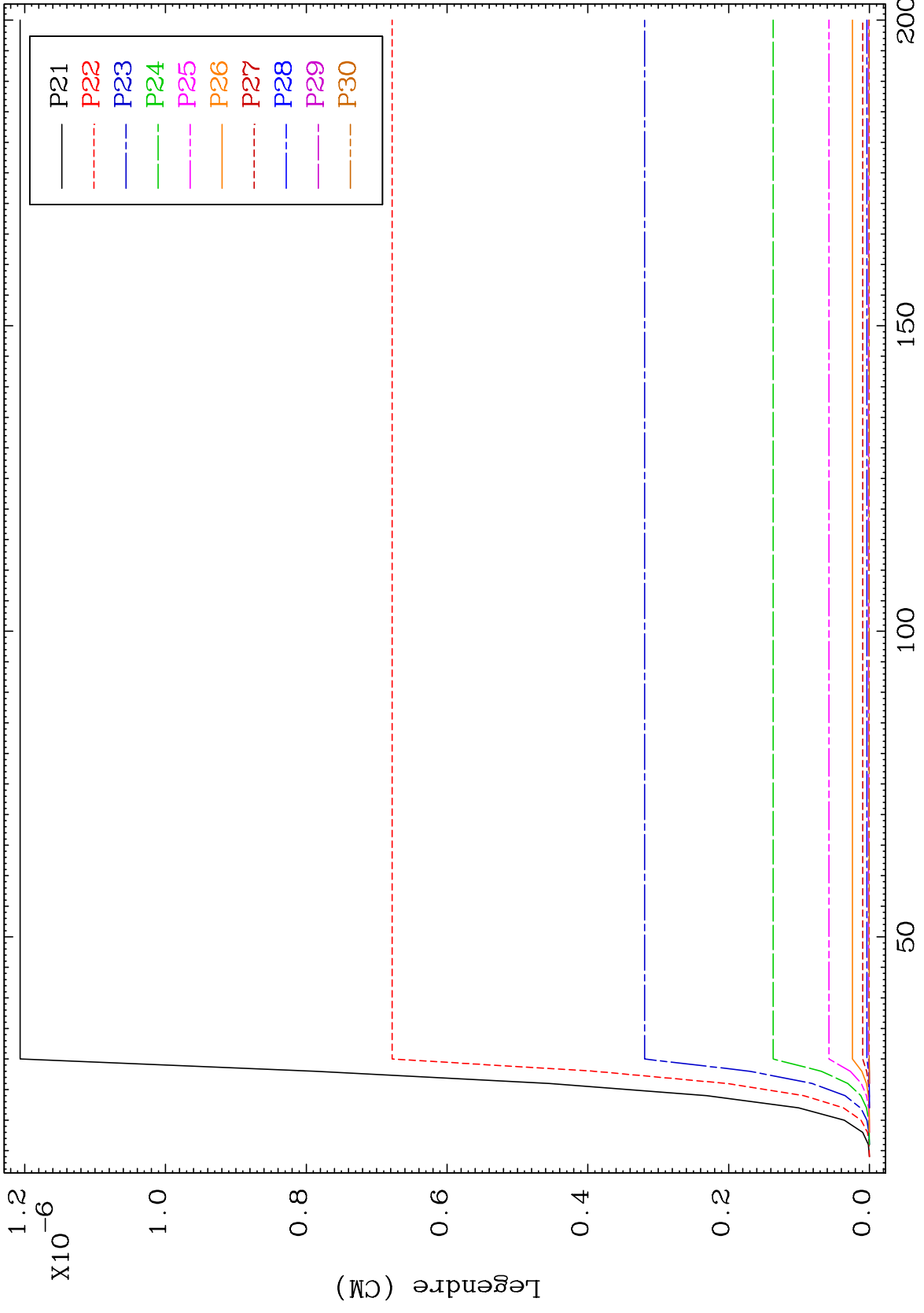
MAT 2425 MT= 55 (n,n') Level Legendre Coefficients 24-Cr-50



30 Incident Energy (MeV) 24-Cr-50



MAT 2425 MT= 55 (n,n') Level Legendre Coefficients 24-Cr-50

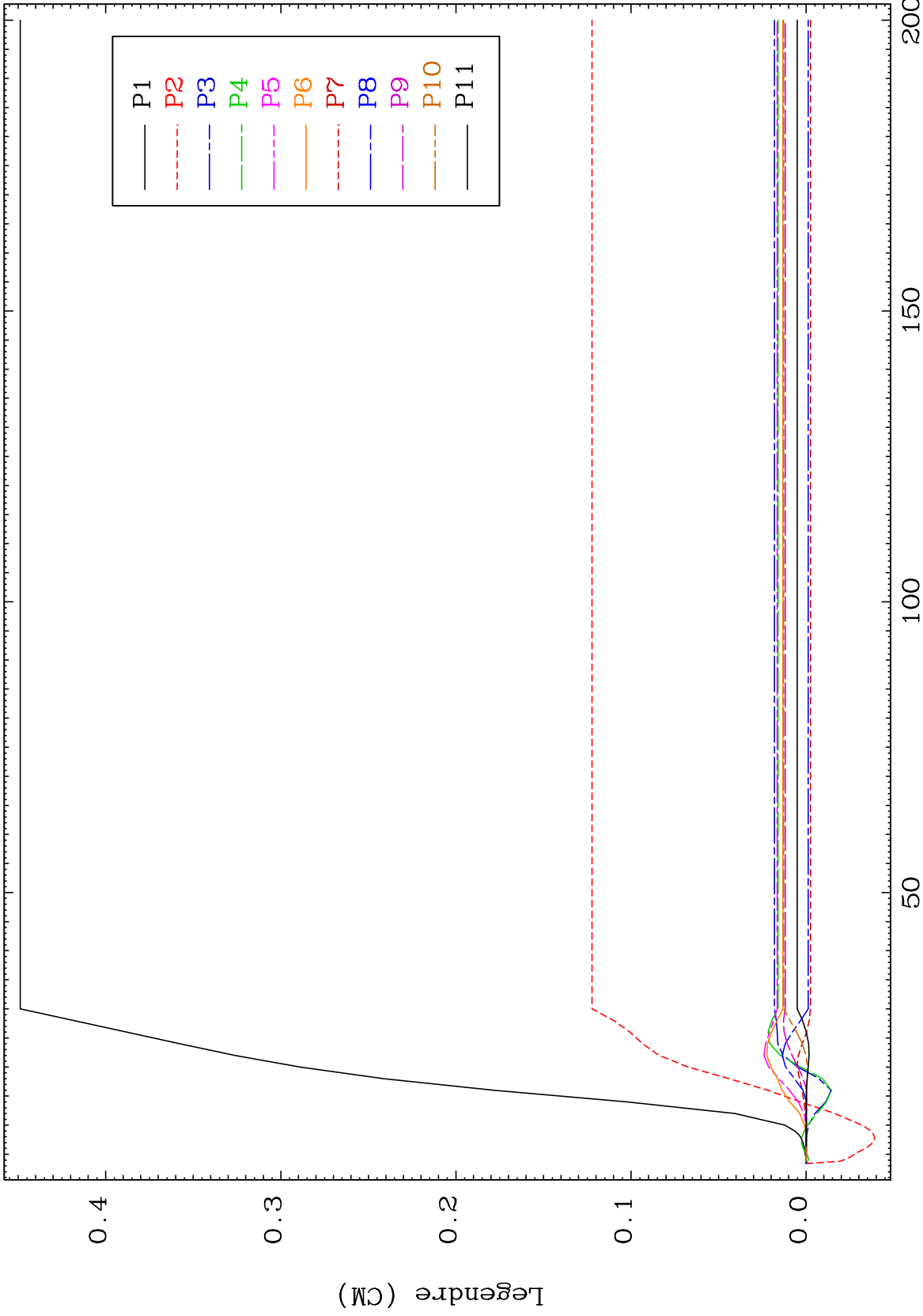


32 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50



33

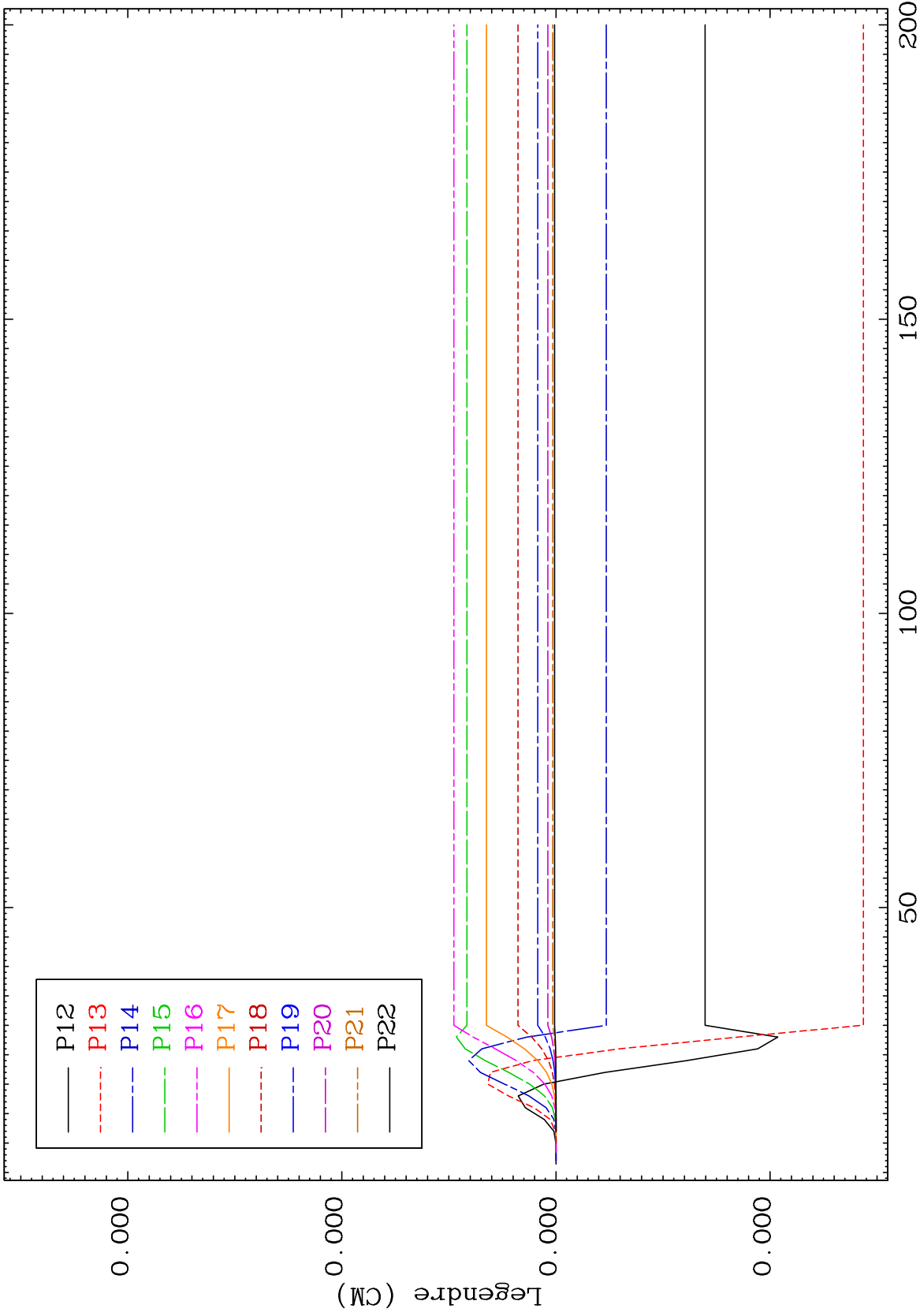
Incident Energy (MeV)

24-Cr-50

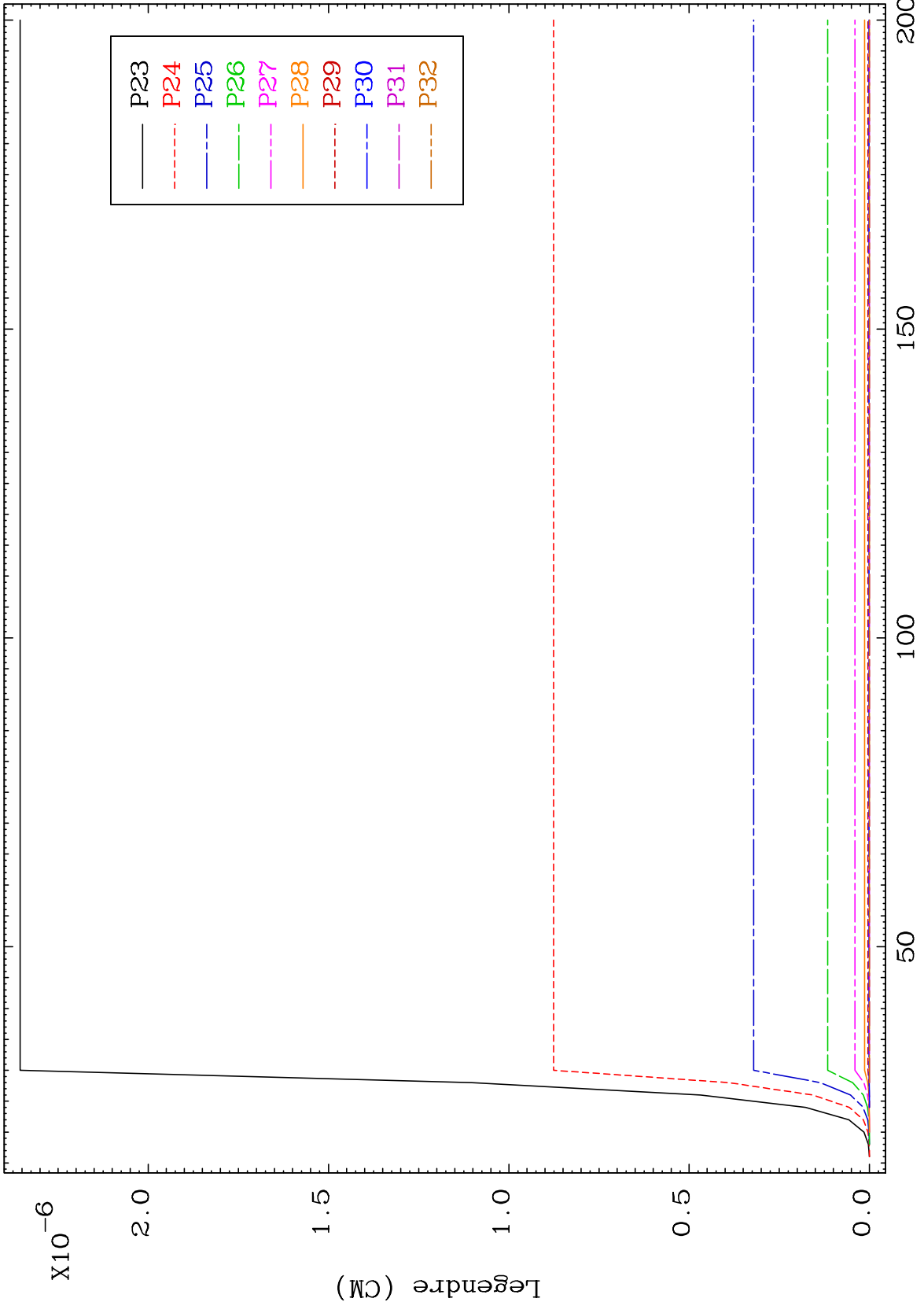
MAT 2425

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

24-Cr-50

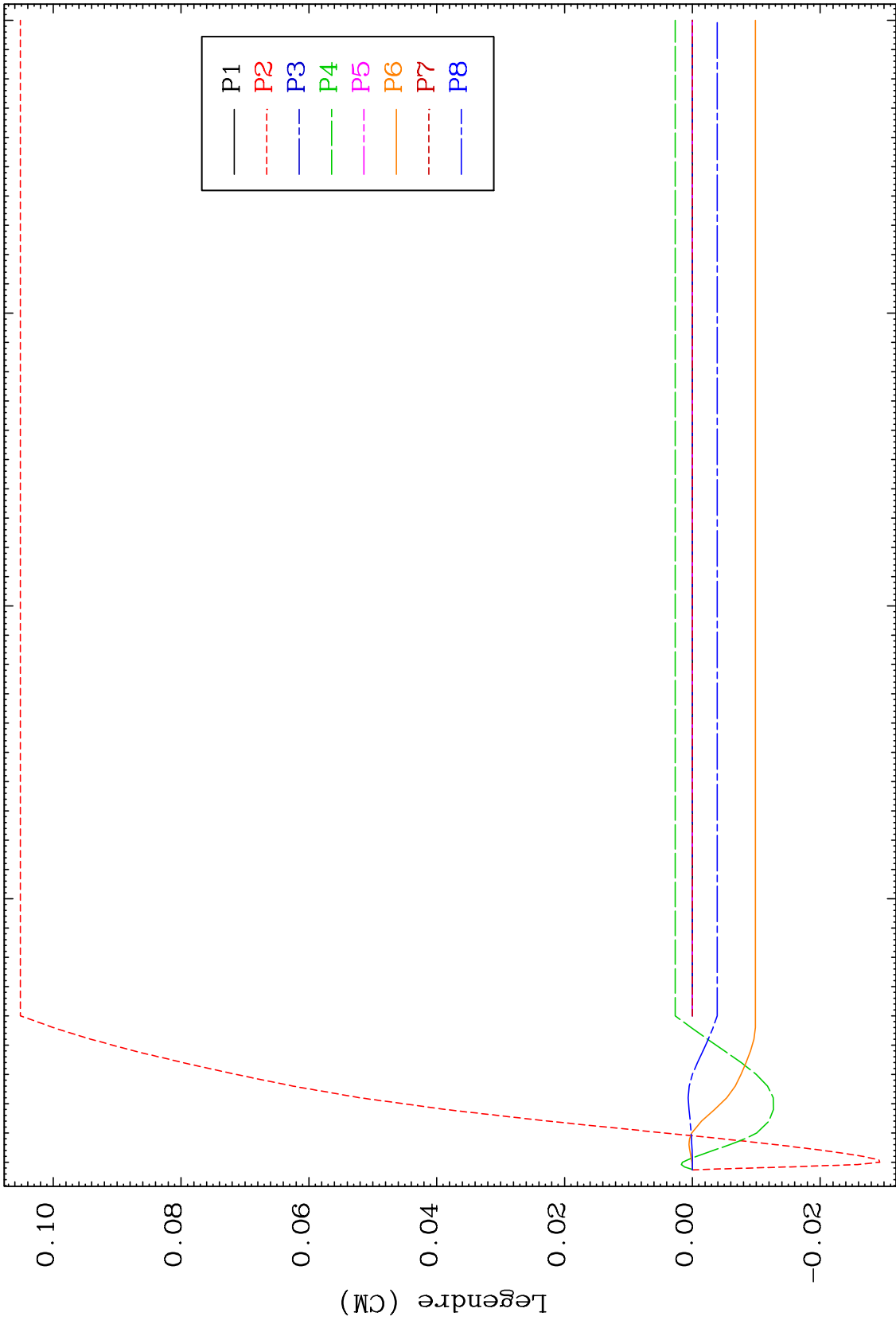


MAT 2425 MT= 56 (n,n') Level Legendre Coefficients 24-Cr-50



35 Incident Energy (MeV) 24-Cr-50

MAT 2425 MT= 57 (n,n') Level Legendre Coefficients 24-Cr-50

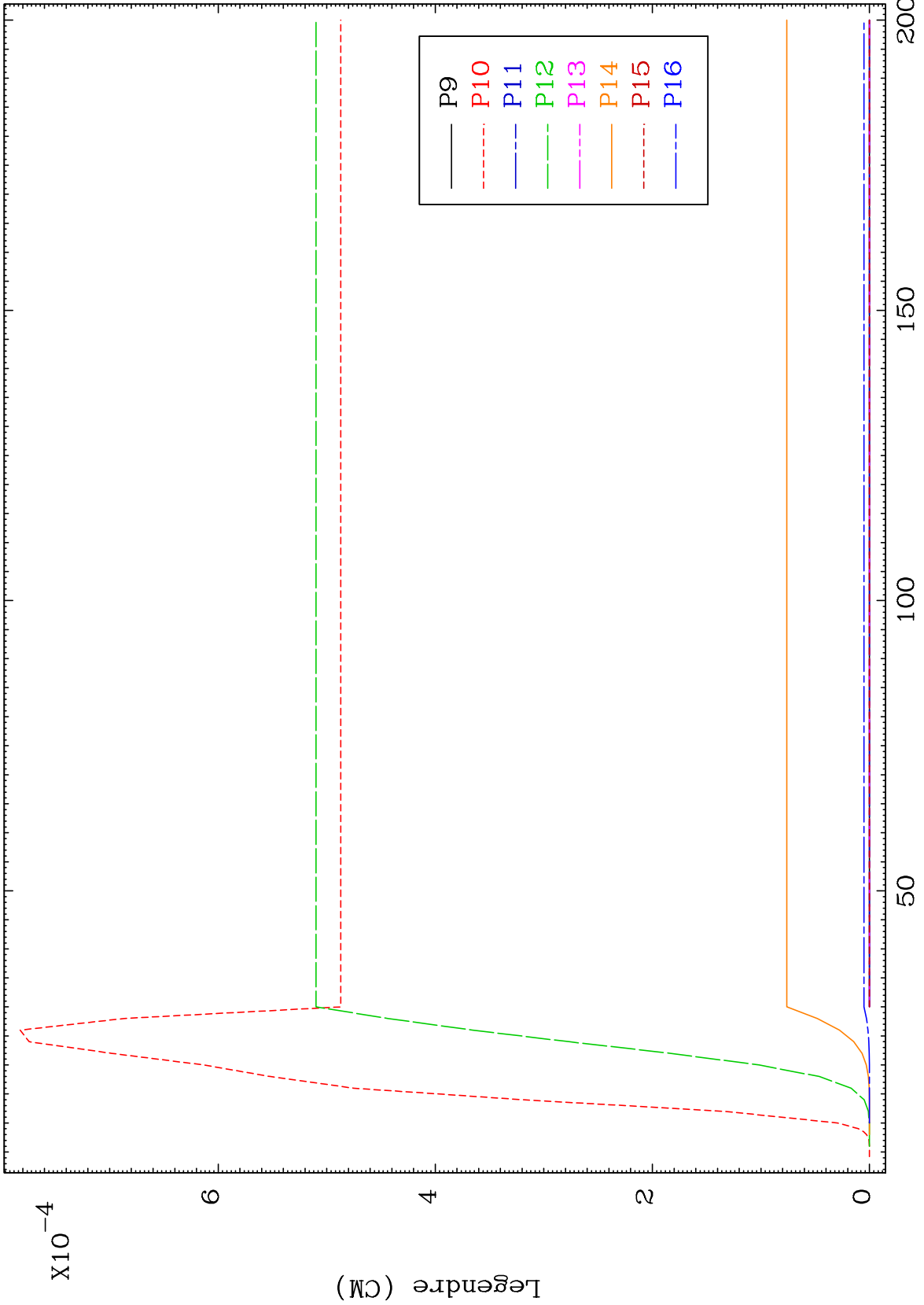


36 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

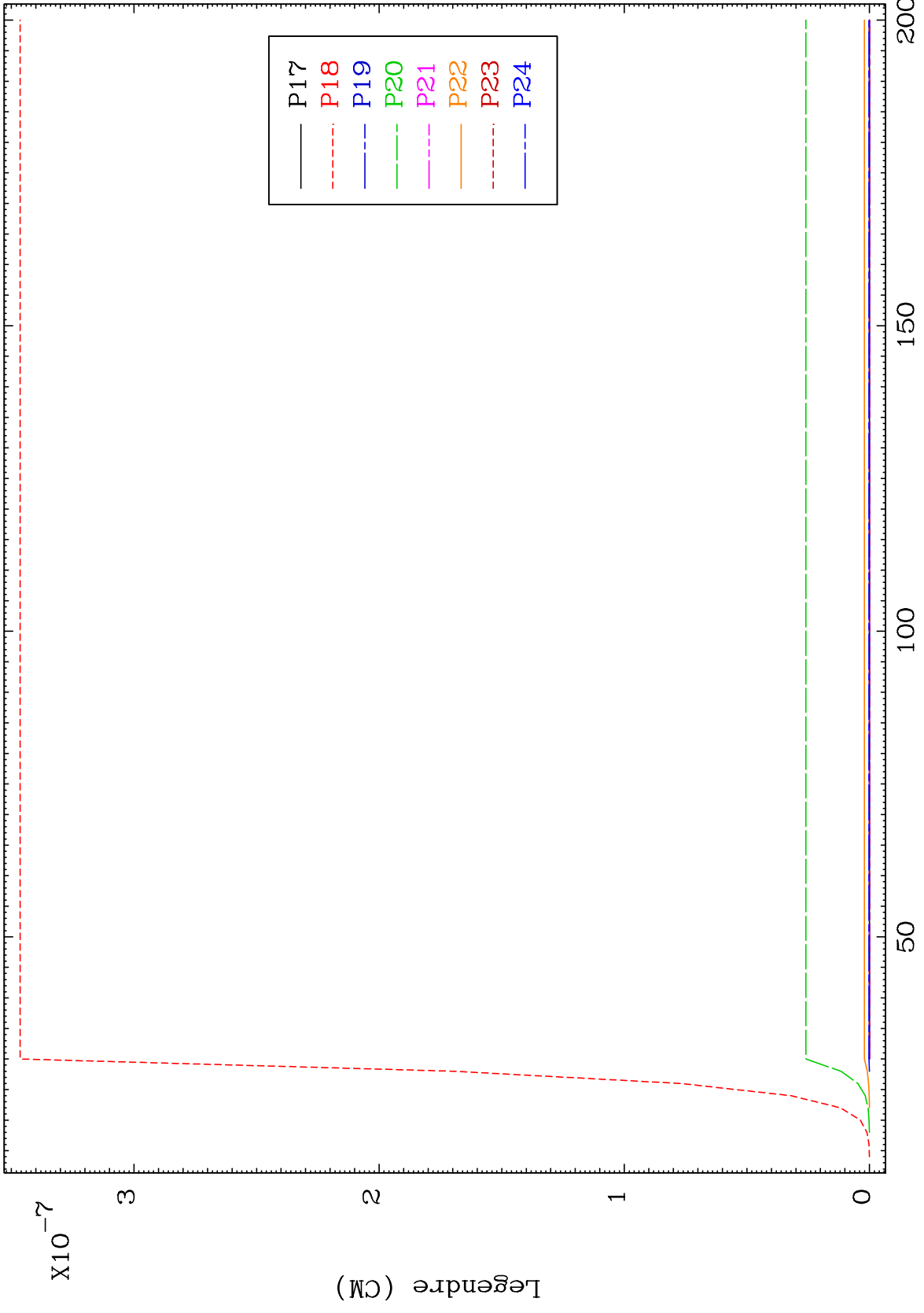


37

Incident Energy (MeV)

24-Cr-50

MAT 2425 MT= 57 (n,n') Level Legendre Coefficients 24-Cr-50

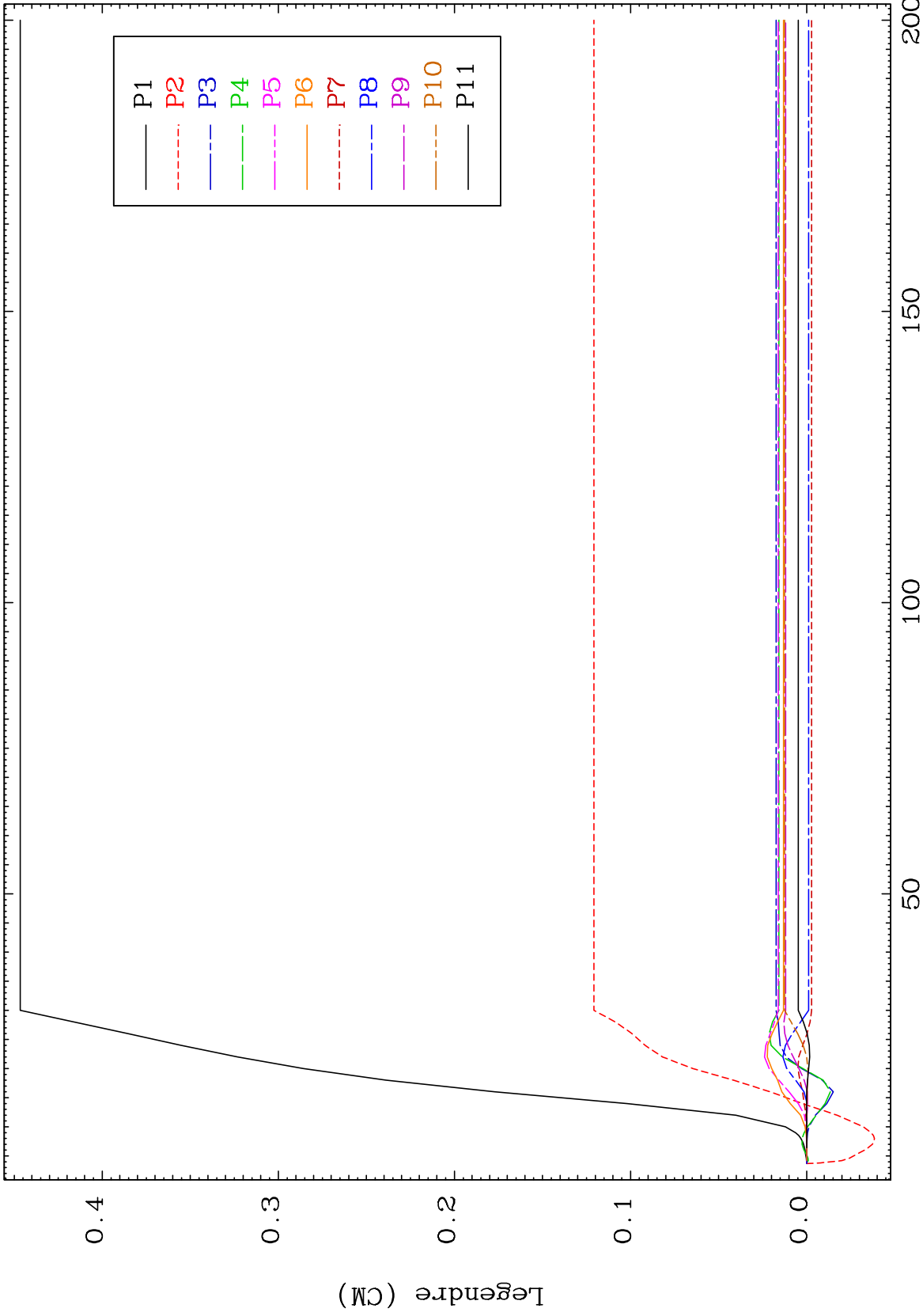


38 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50



39

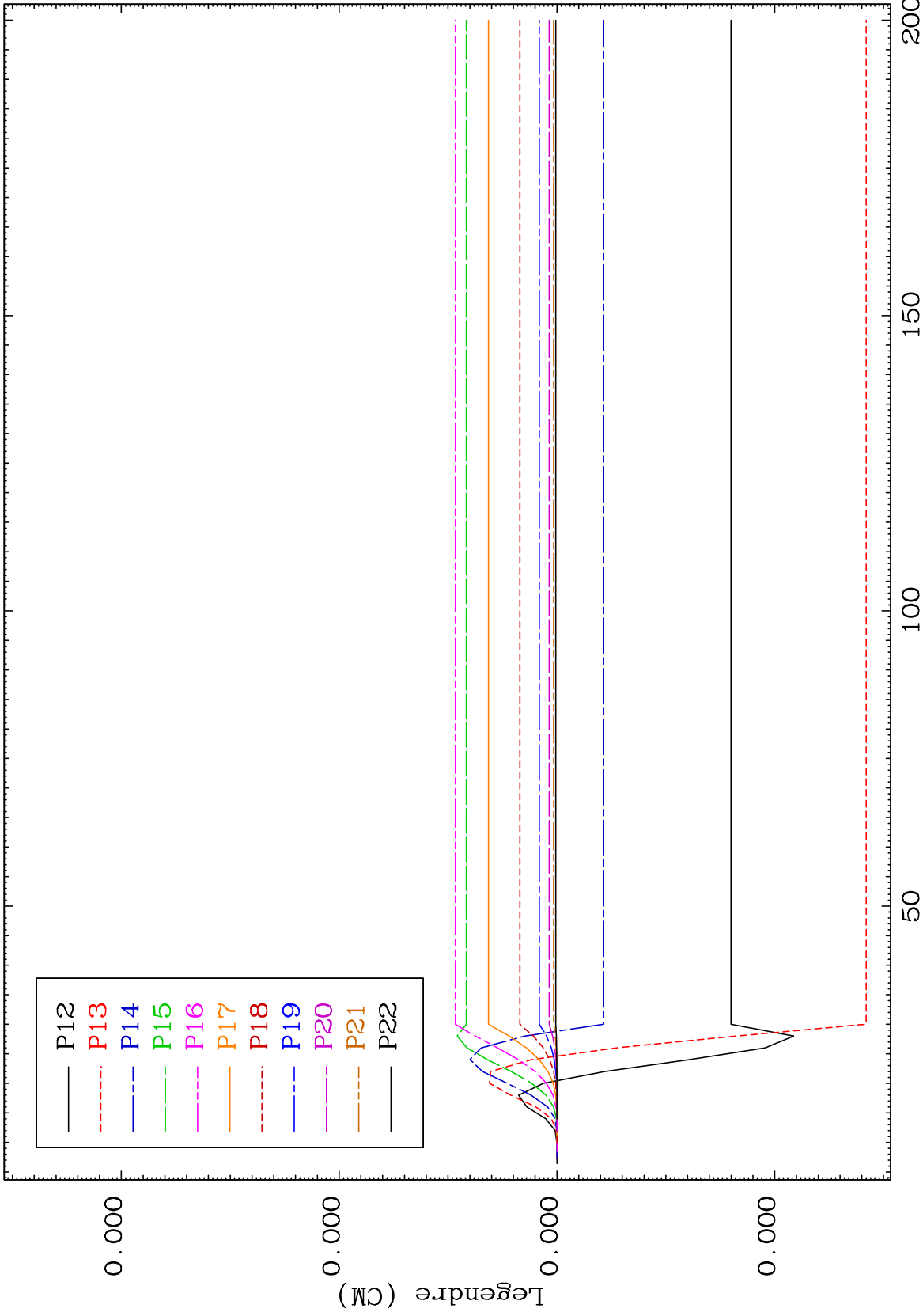
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50



40

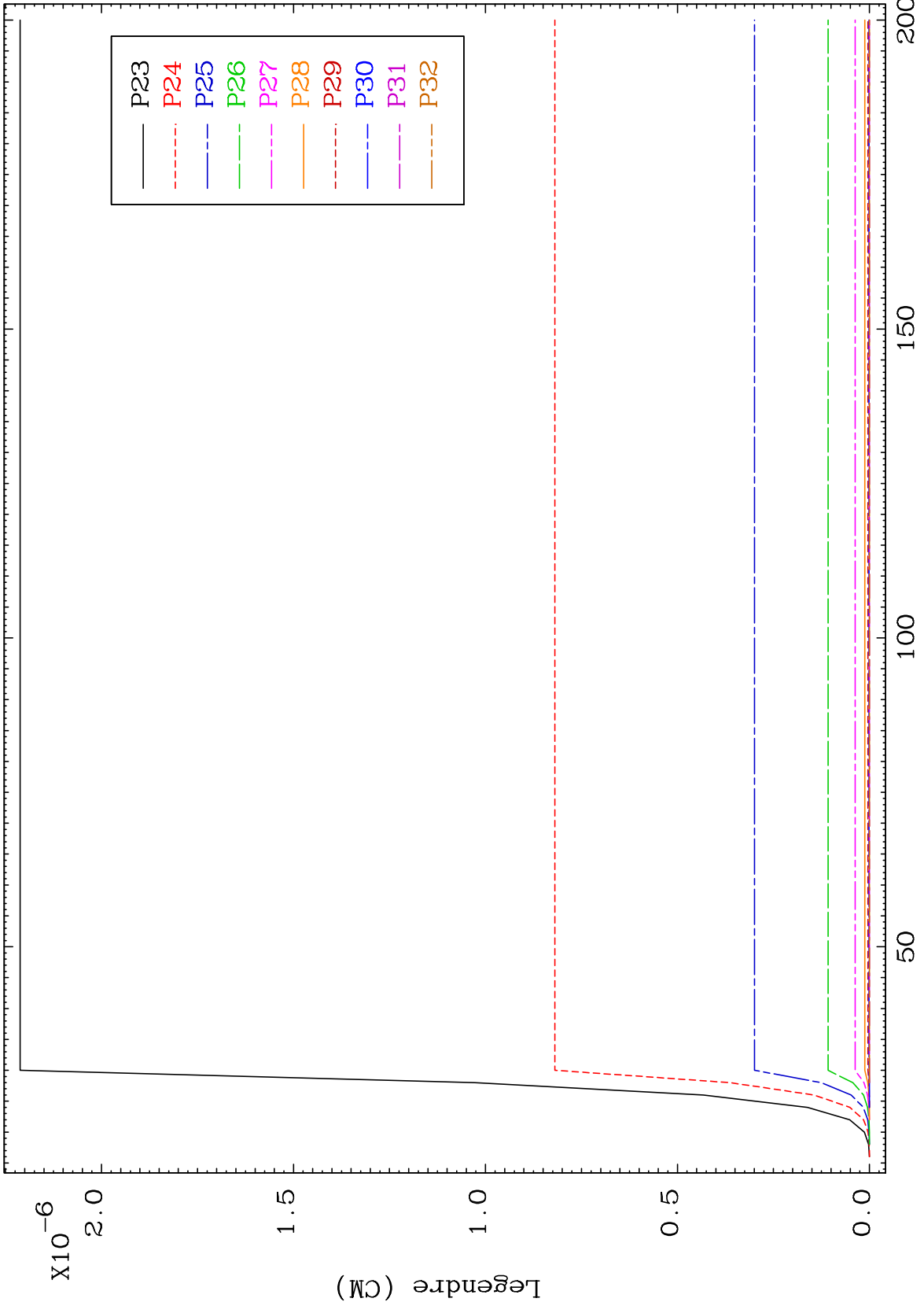
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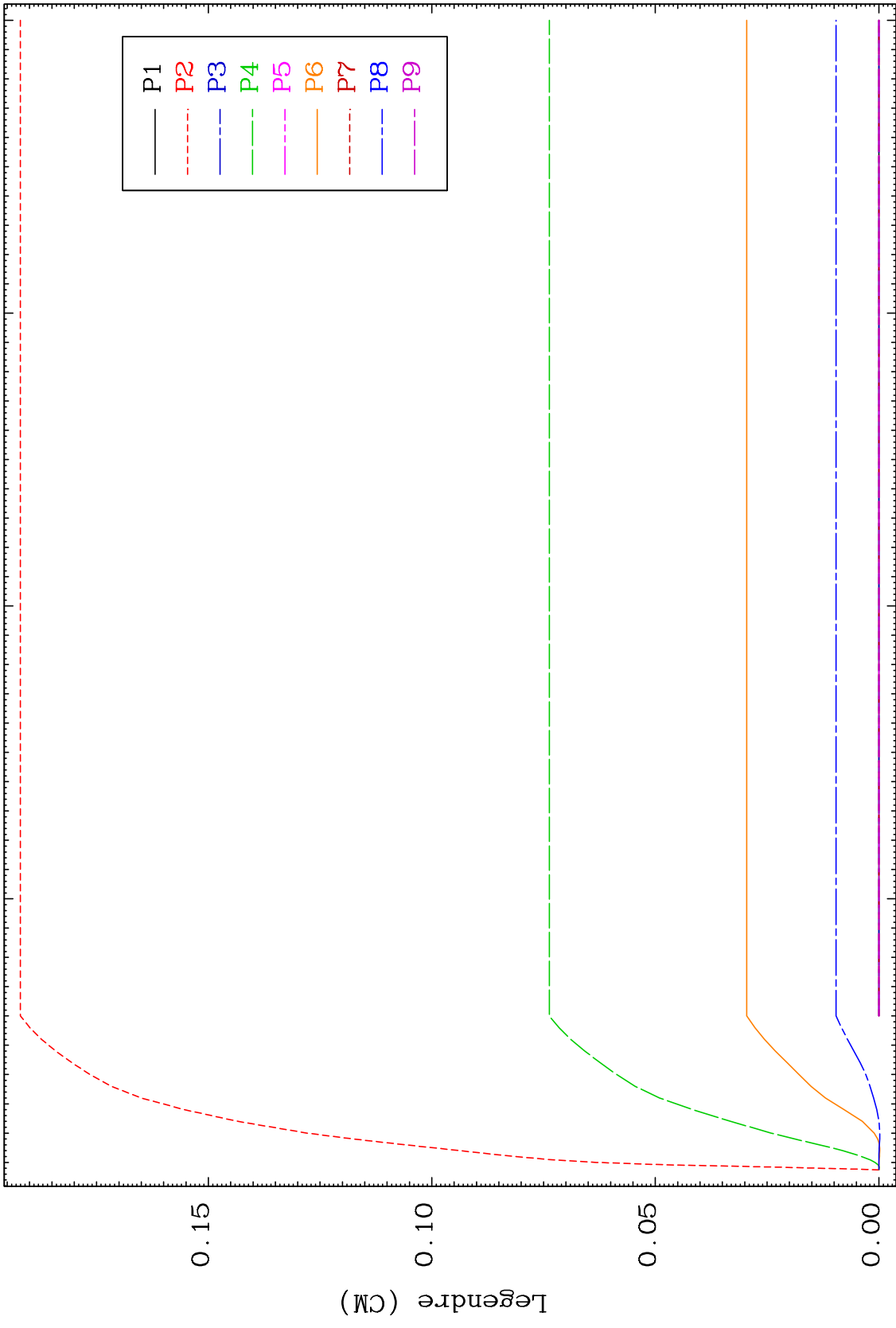
150

200

24-Cr-50



MAT 2425 MT= 59 (n,n') Level Legendre Coefficients 24-Cr-50

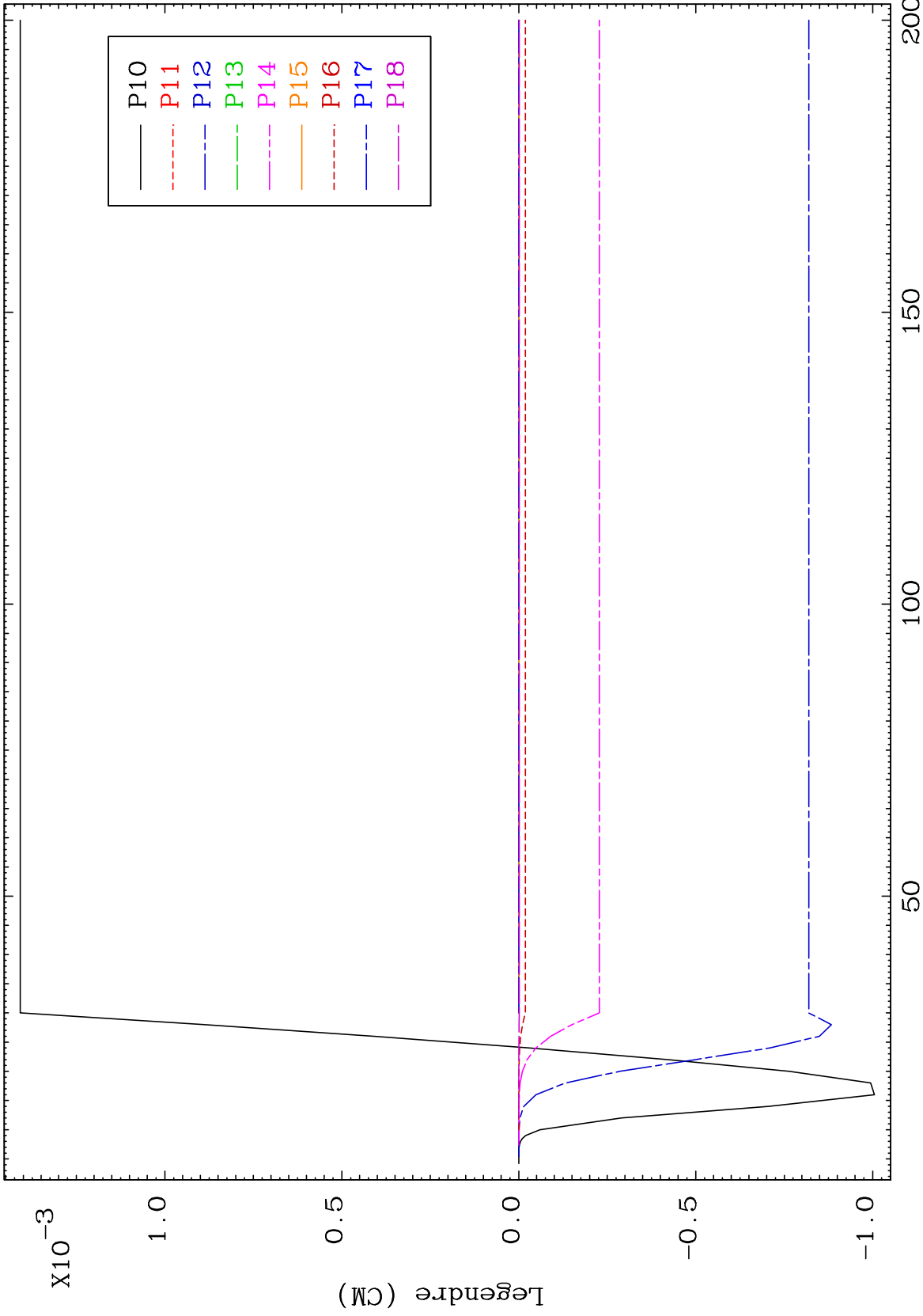


42 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

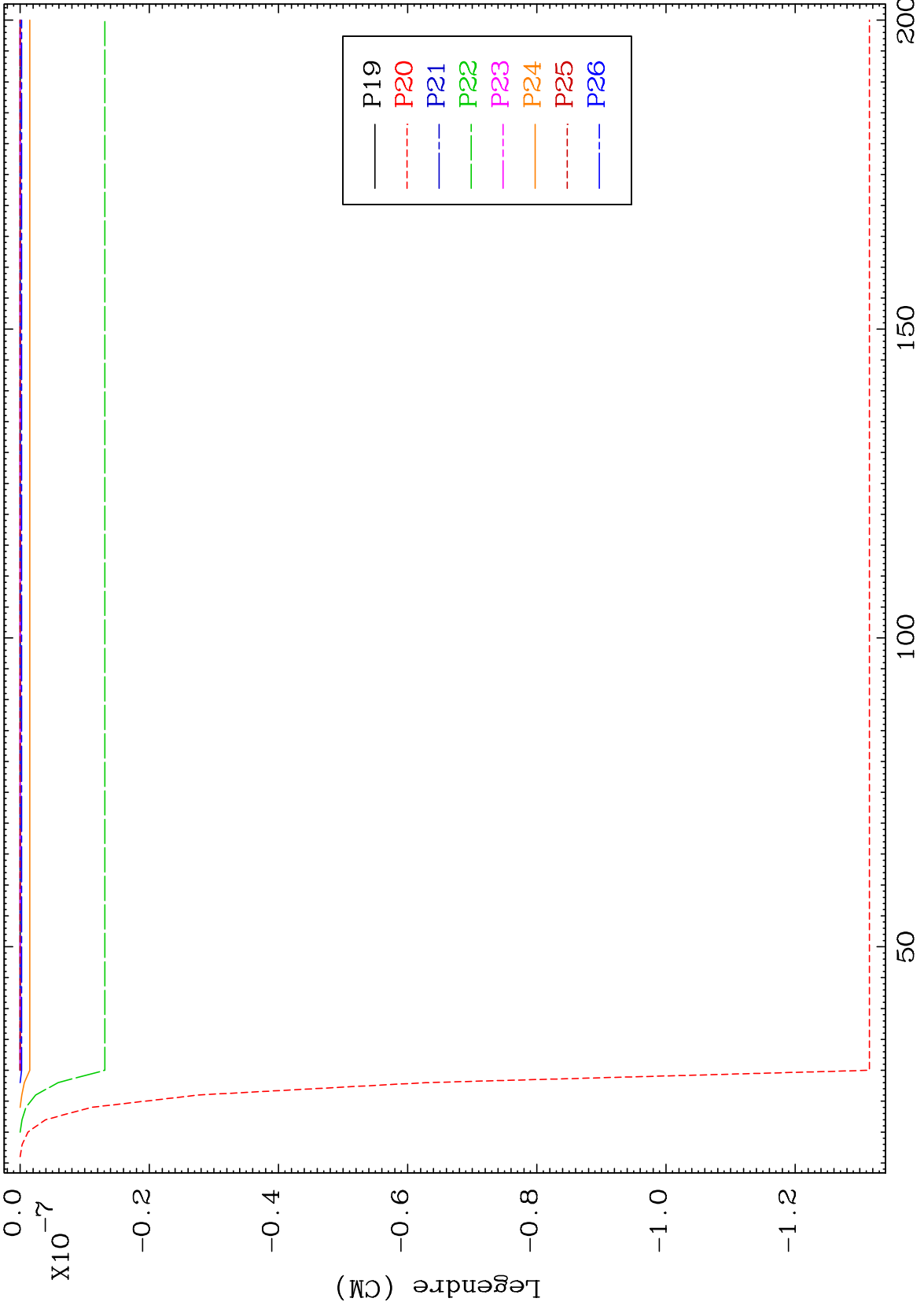


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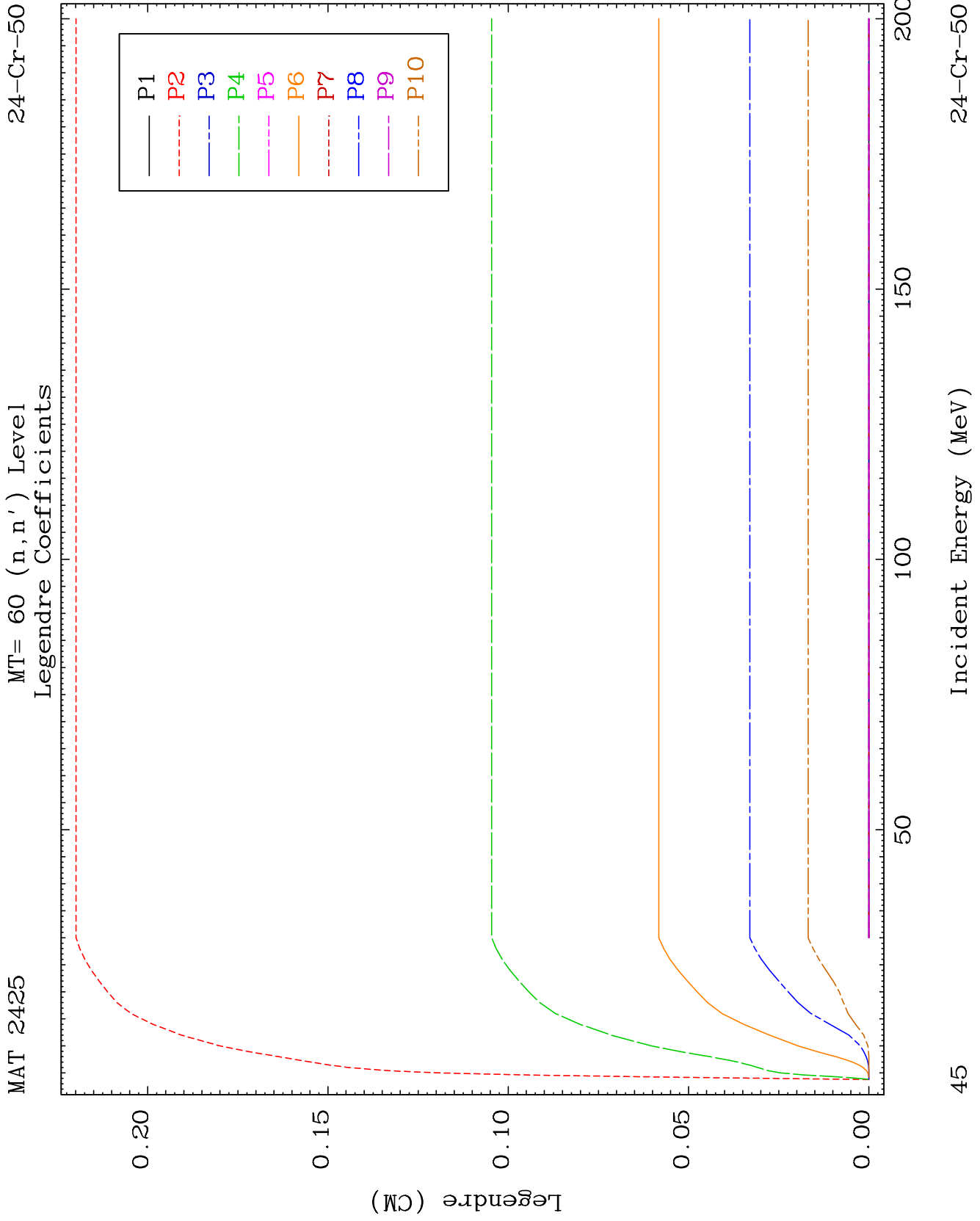
Incident Energy (MeV)

24-Cr-50

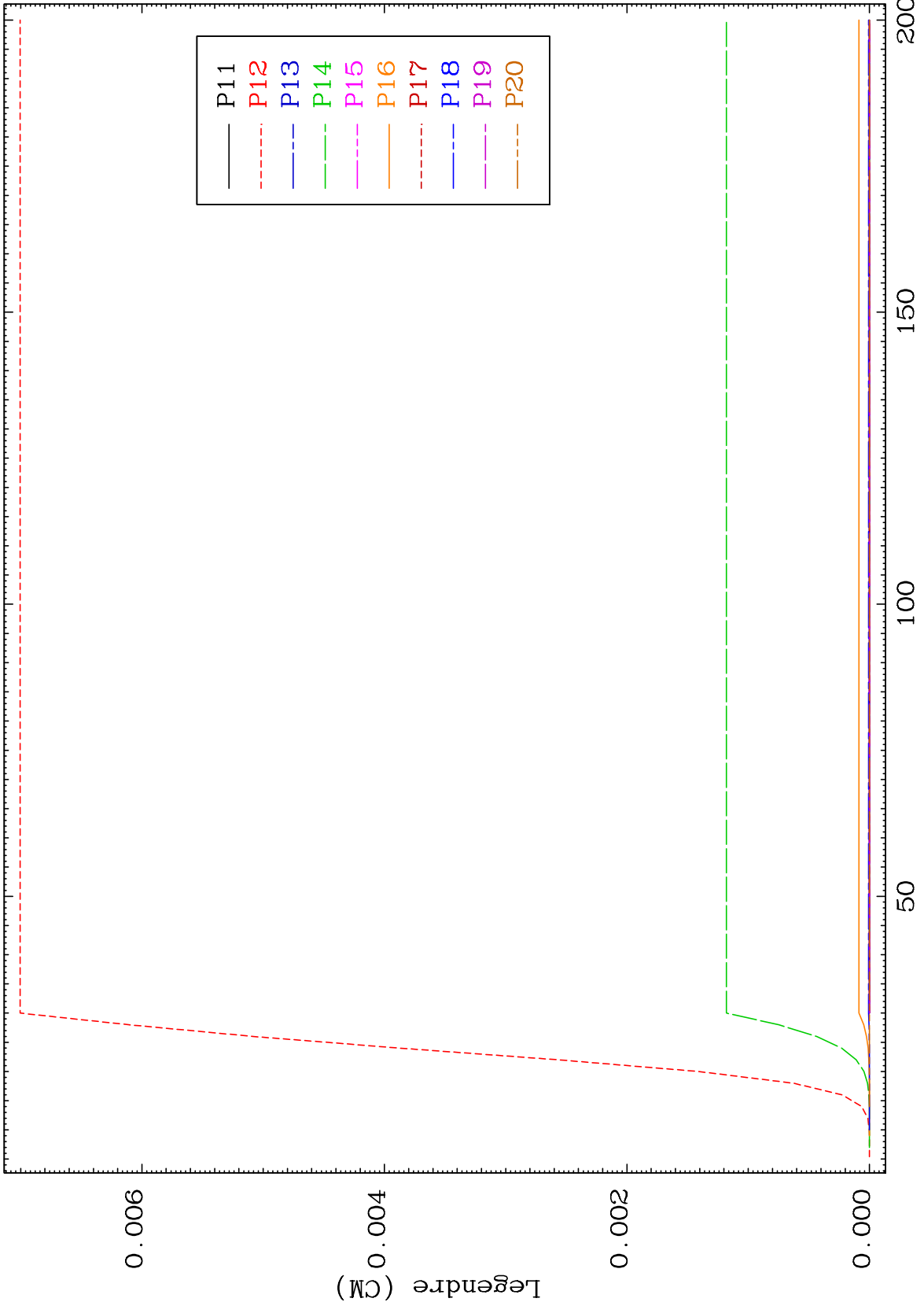
MAT 2425 MT= 59 (n,n') Level Legendre Coefficients 24-Cr-50



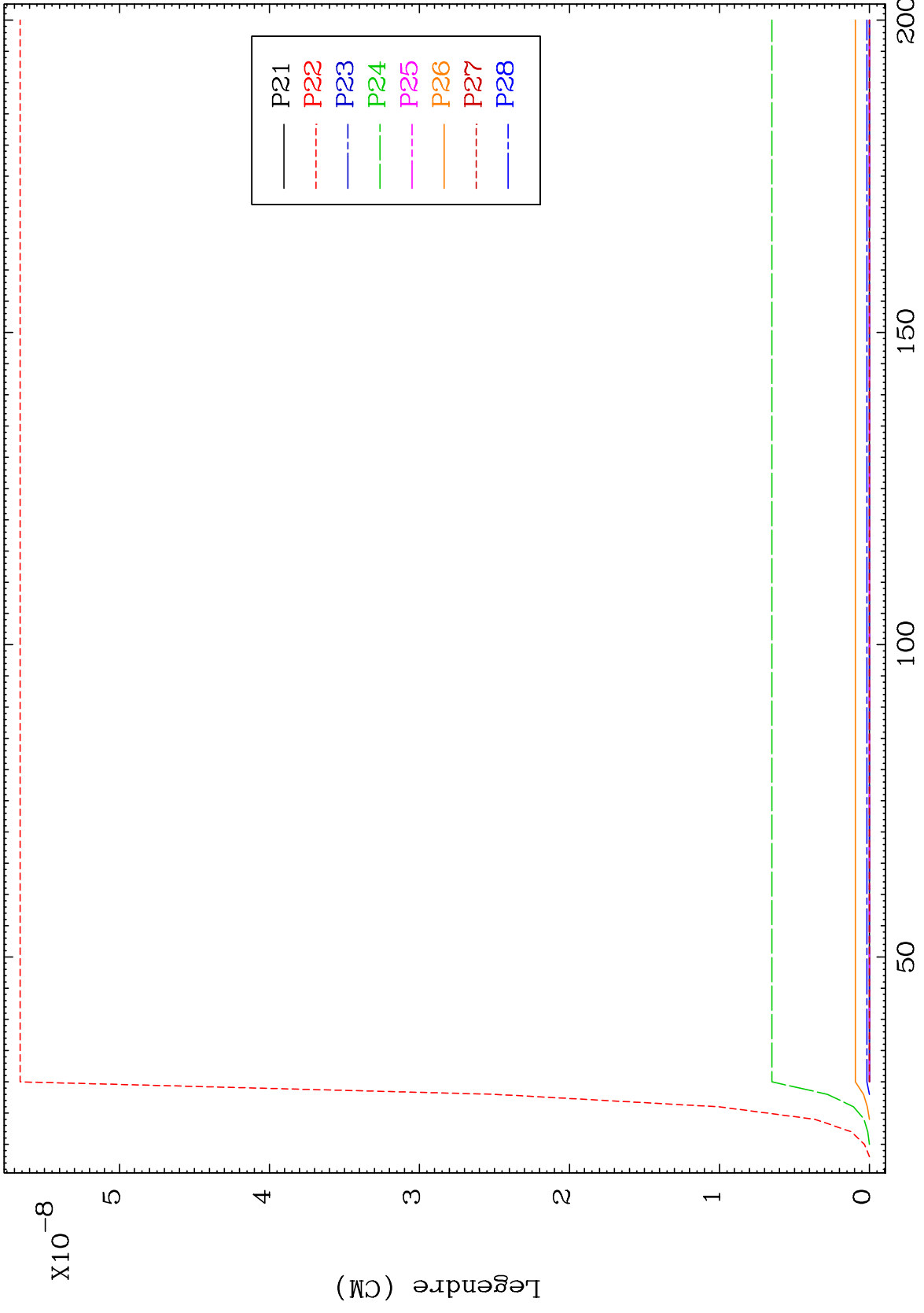
44 Incident Energy (MeV) 24-Cr-50



MAT 2425 MT= 60 (n,n') Level Legendre Coefficients 24-Cr-50

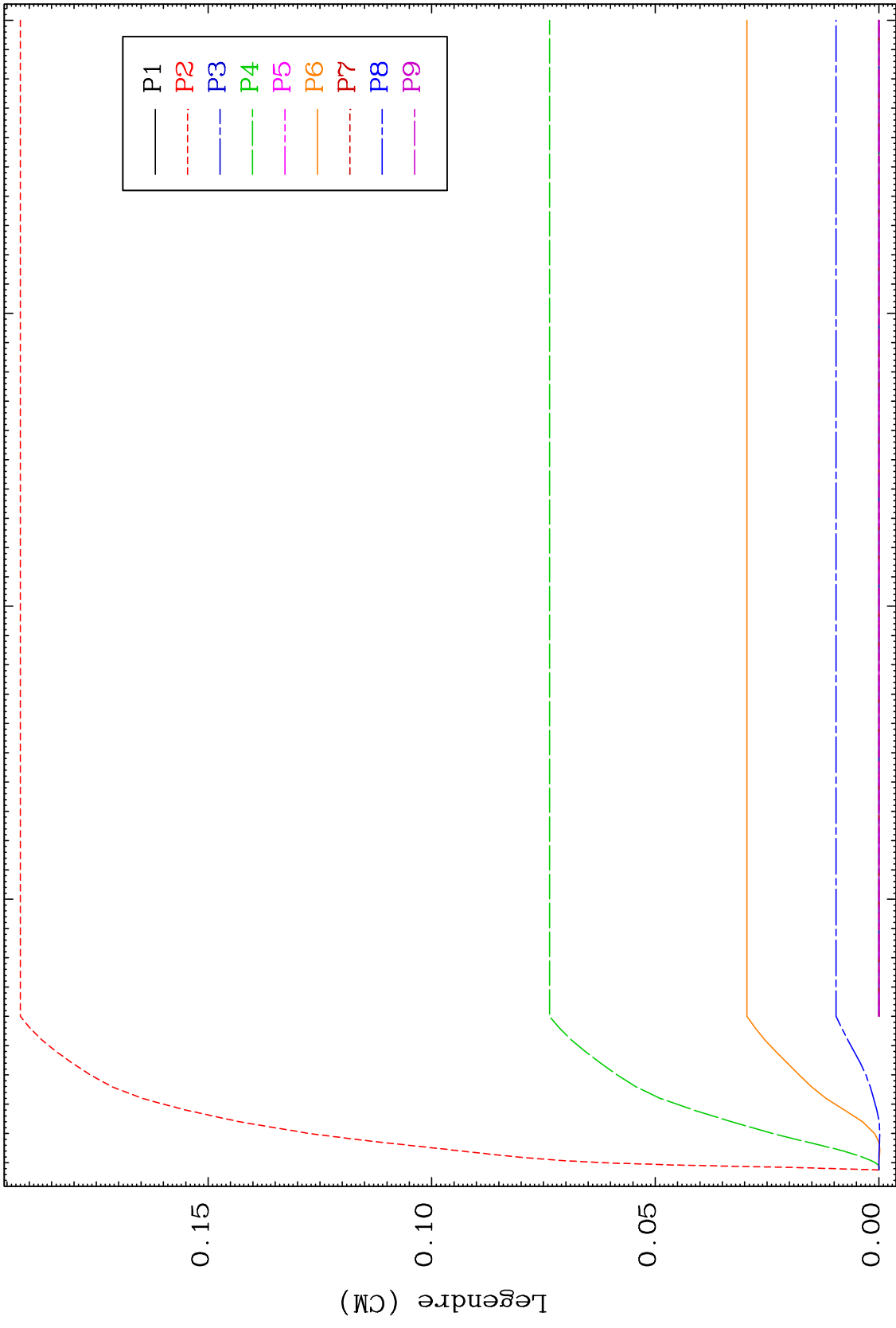


MAT 2425 MT= 60 (n,n') Level Legendre Coefficients 24-Cr-50



47 50 100 150 200 24-Cr-50

MAT 2425 MT= 61 (n,n') Level Legendre Coefficients 24-Cr-50

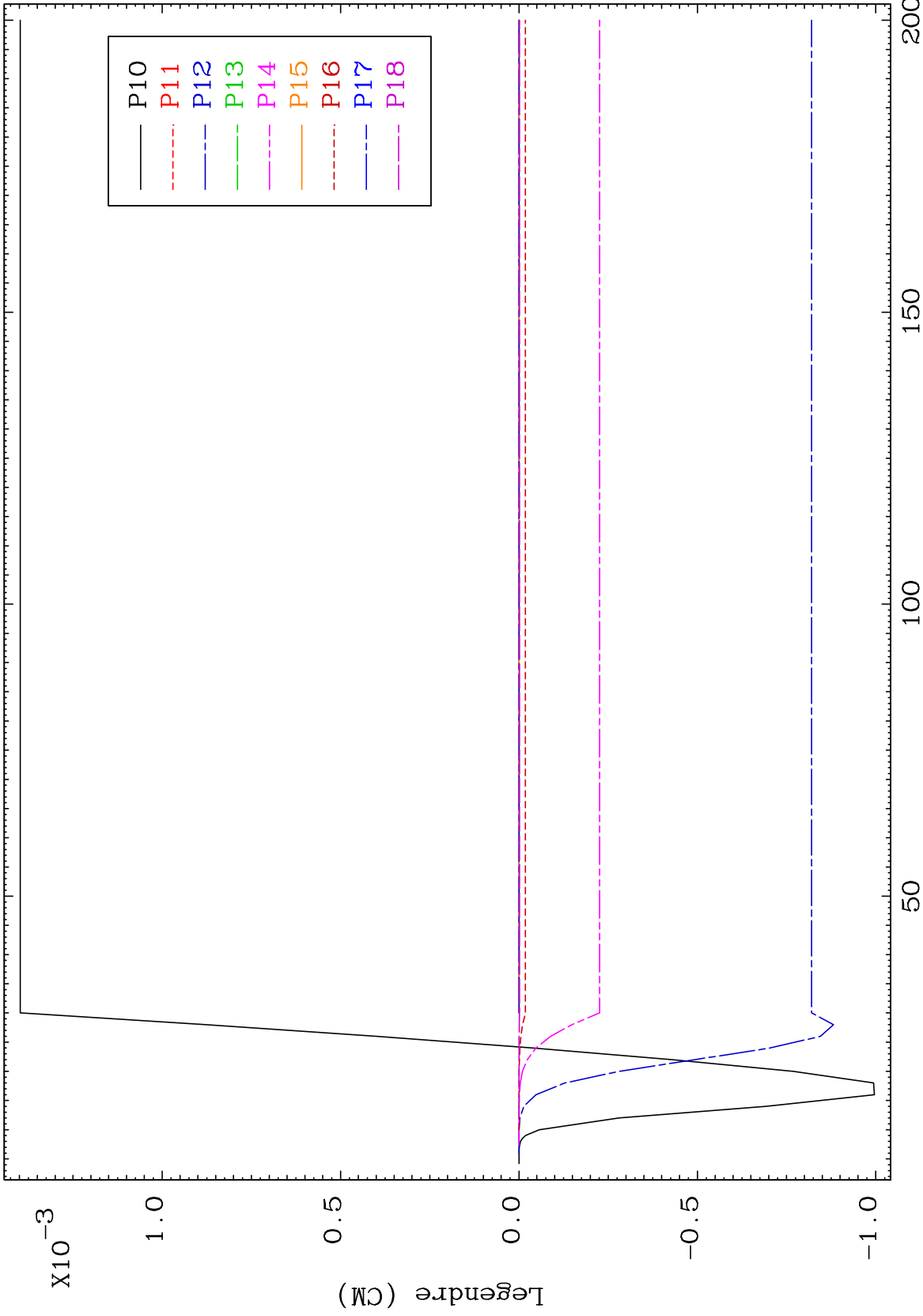


48 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

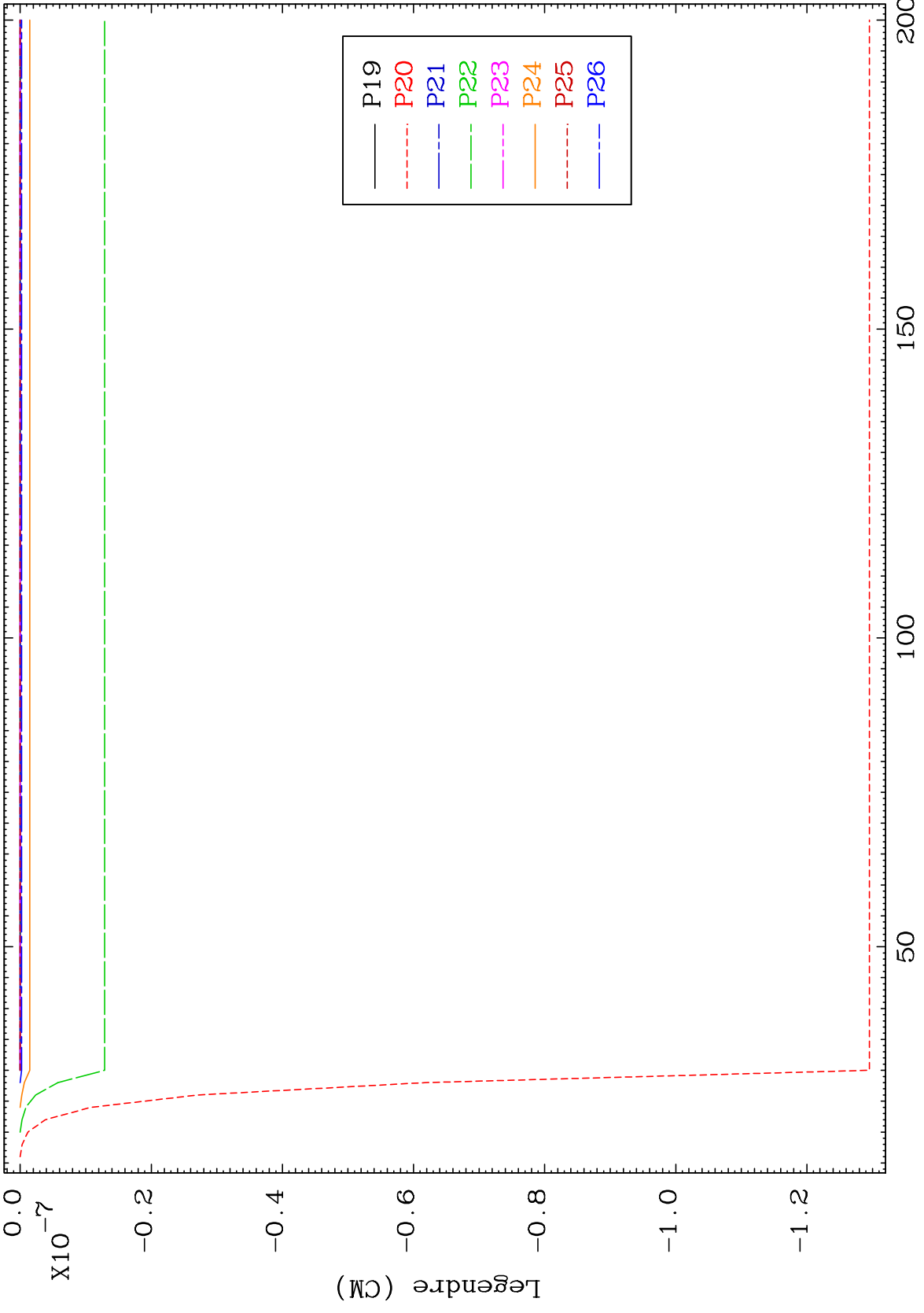


49

Incident Energy (MeV)

24-Cr-50

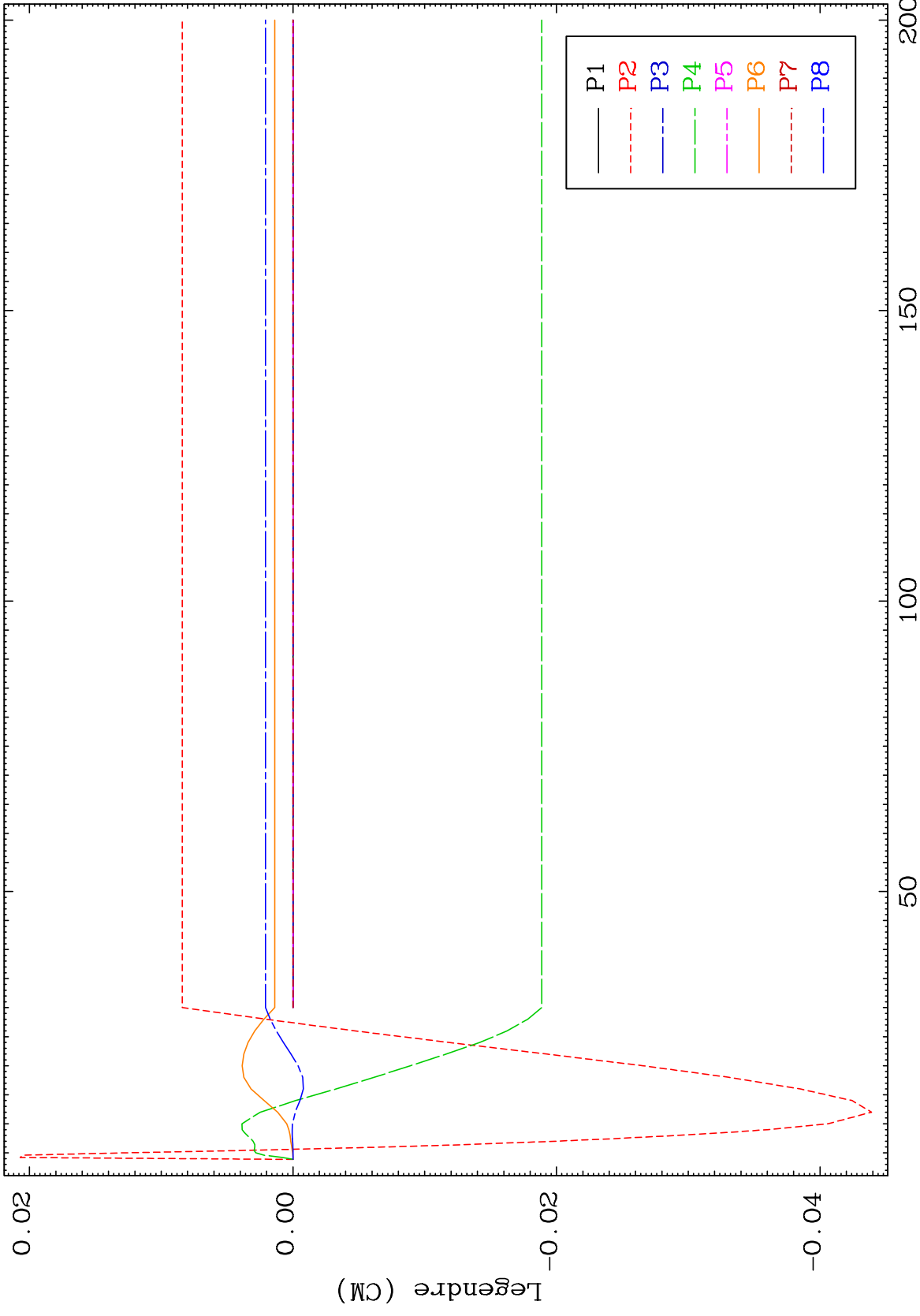
MAT 2425 MT= 61 (n,n') Level Legendre Coefficients 24-Cr-50



50 Incident Energy (MeV) 200 24-Cr-50

MAT 2425 MT= 62 (n,n') Level Legendre Coefficients

24-Cr-50

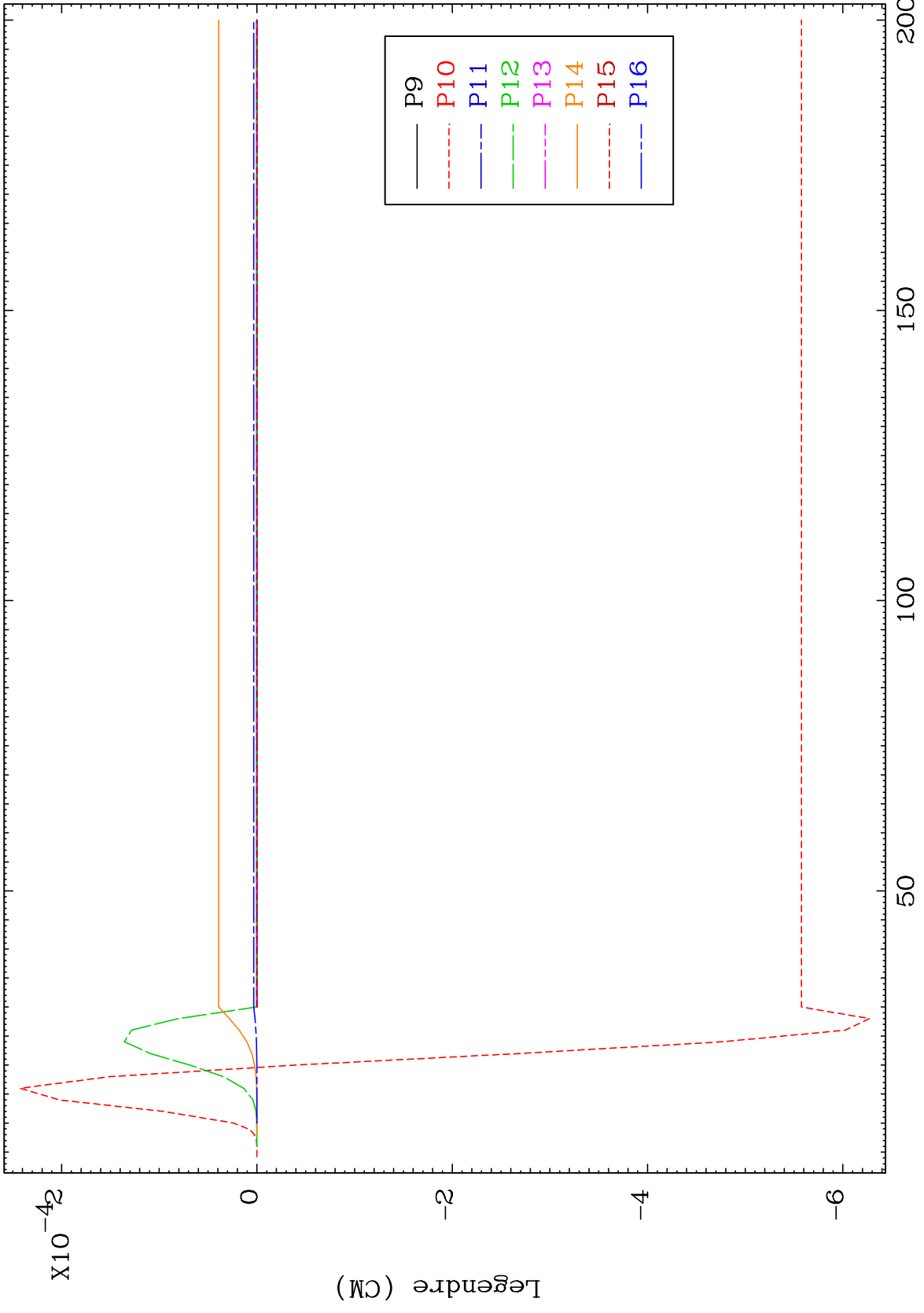


24-Cr-50

Incident Energy (MeV)

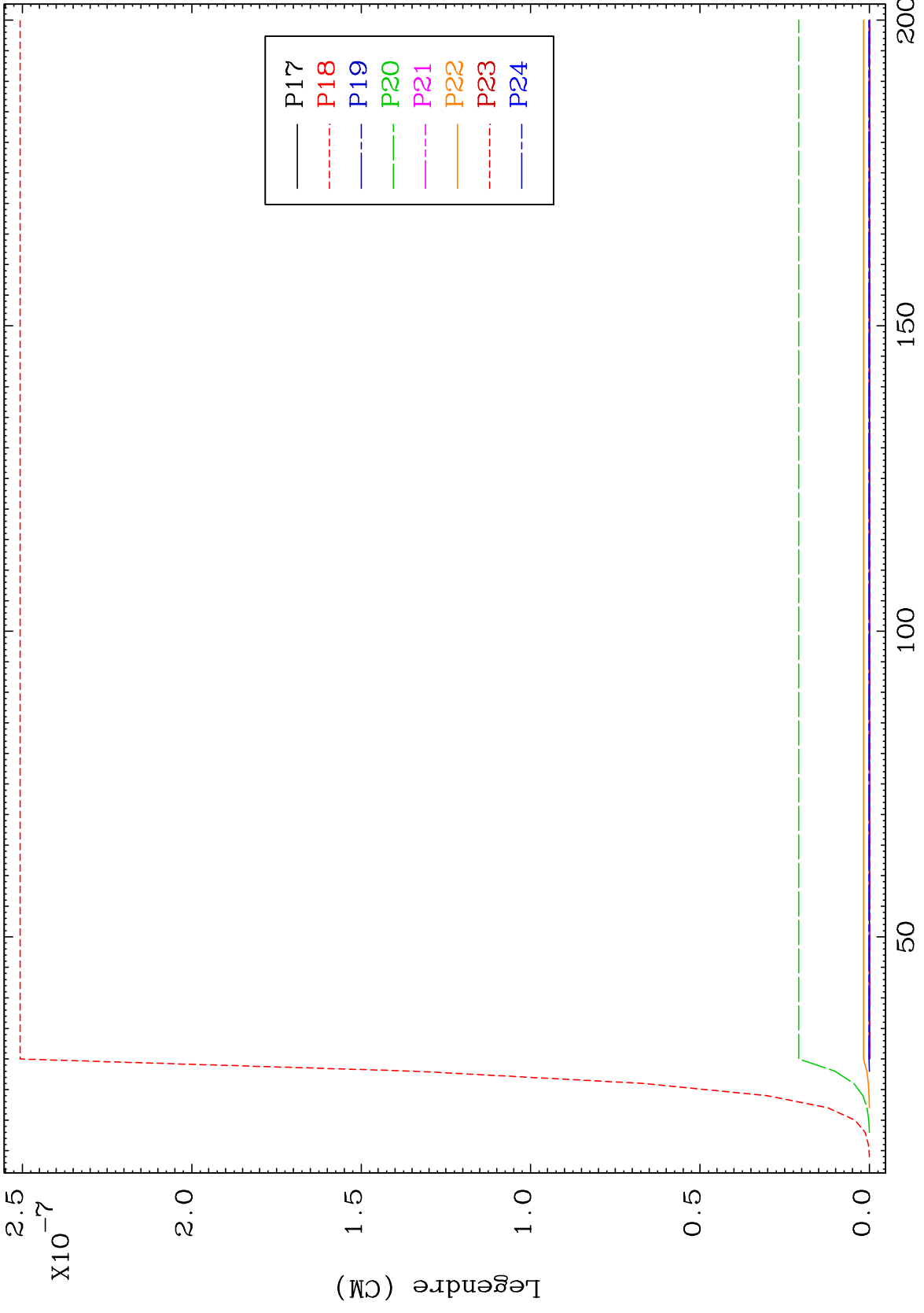
51

MAT 2425 MT= 62 (n,n') Level Legendre Coefficients 24-Cr-50



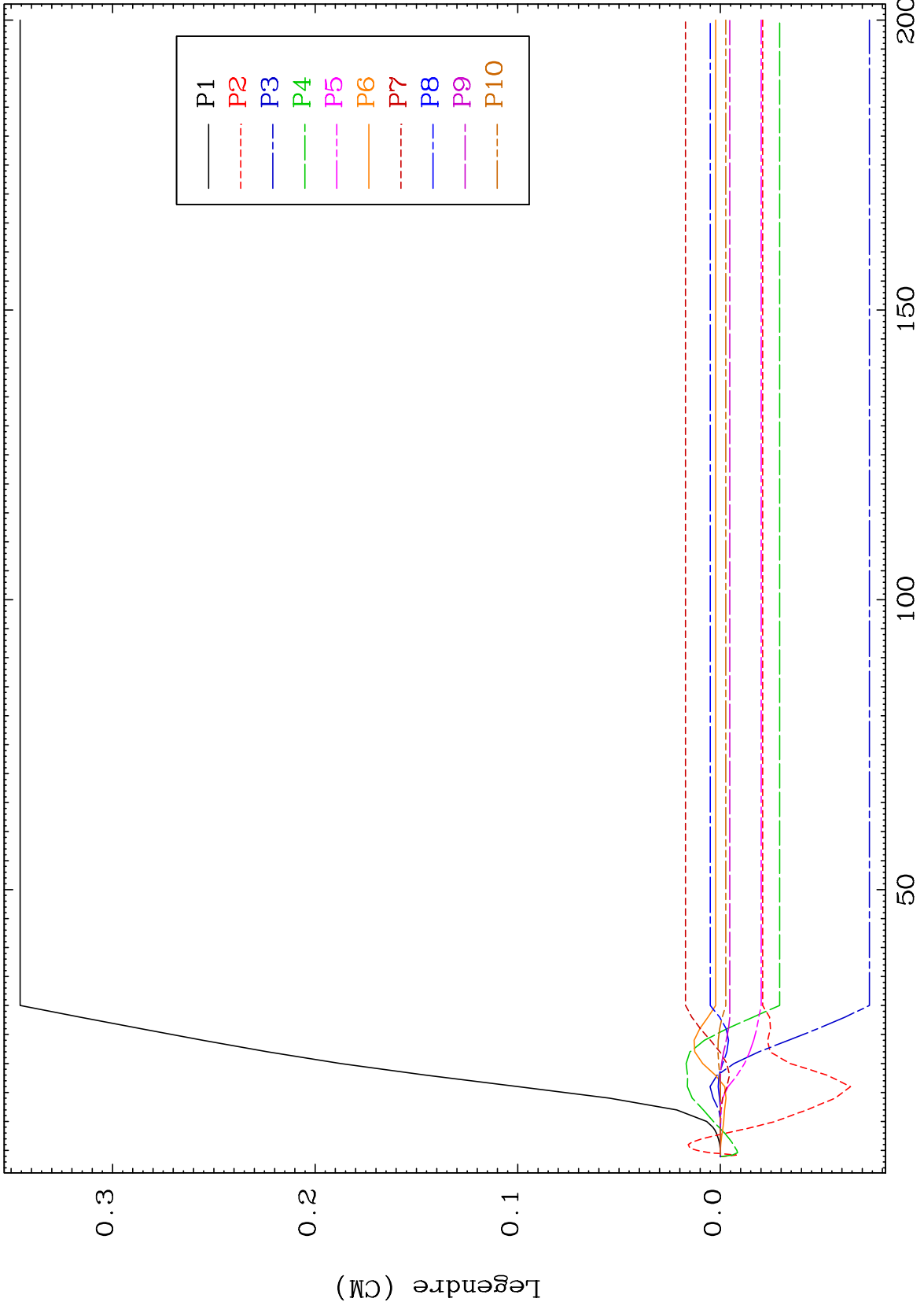
52 Incident Energy (MeV) 24-Cr-50

MAT 2425 MT= 62 (n,n') Level Legendre Coefficients 24-Cr-50



53 Incident Energy (MeV) 24-Cr-50

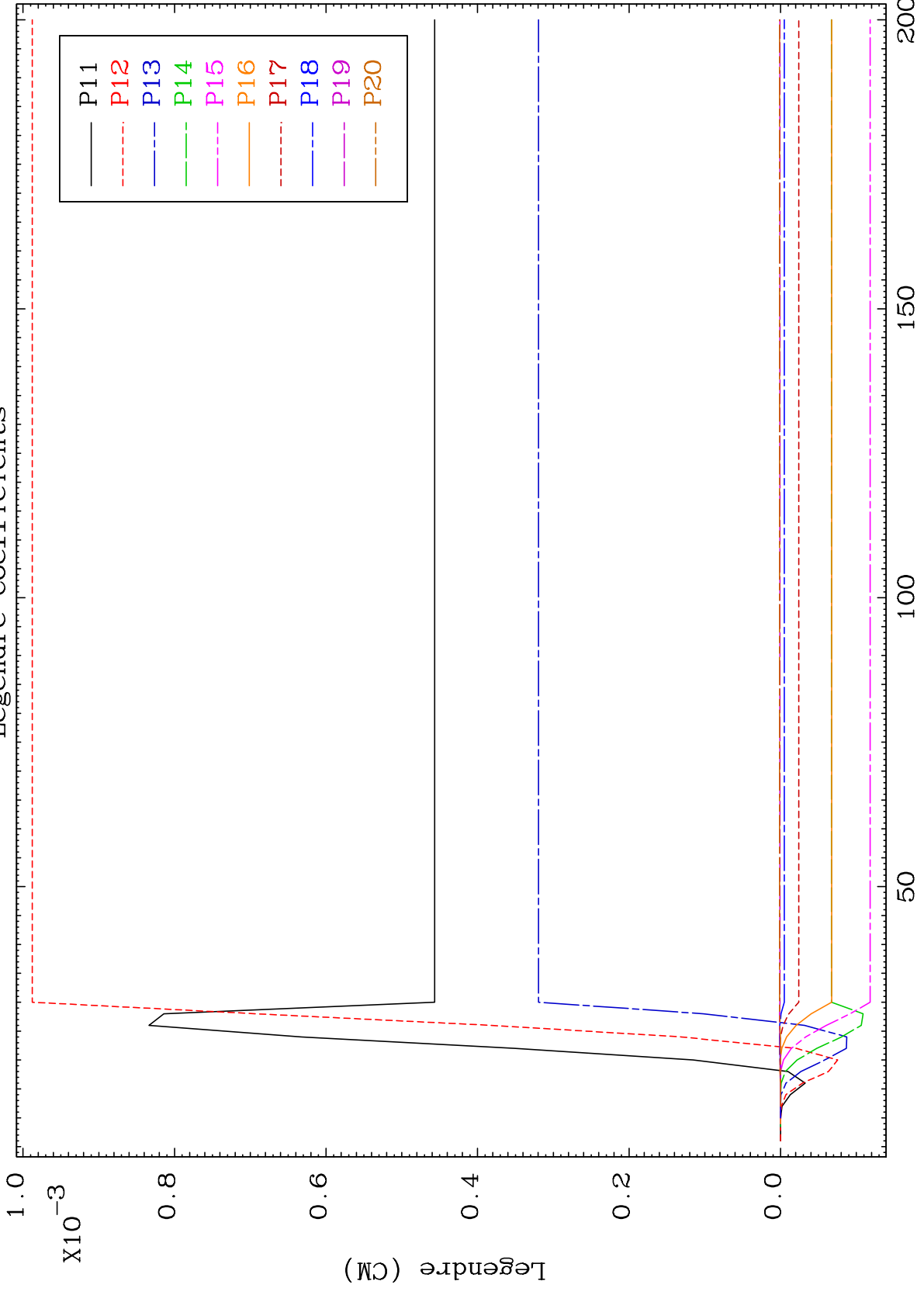
MAT 2425 MT= 63 (n,n') Level Legendre Coefficients 24-Cr-50



24-Cr-50

Incident Energy (MeV)

MAT 2425 MT= 63 (n,n') Level Legendre Coefficients 24-Cr-50



55

Incident Energy (MeV)

50

100

150

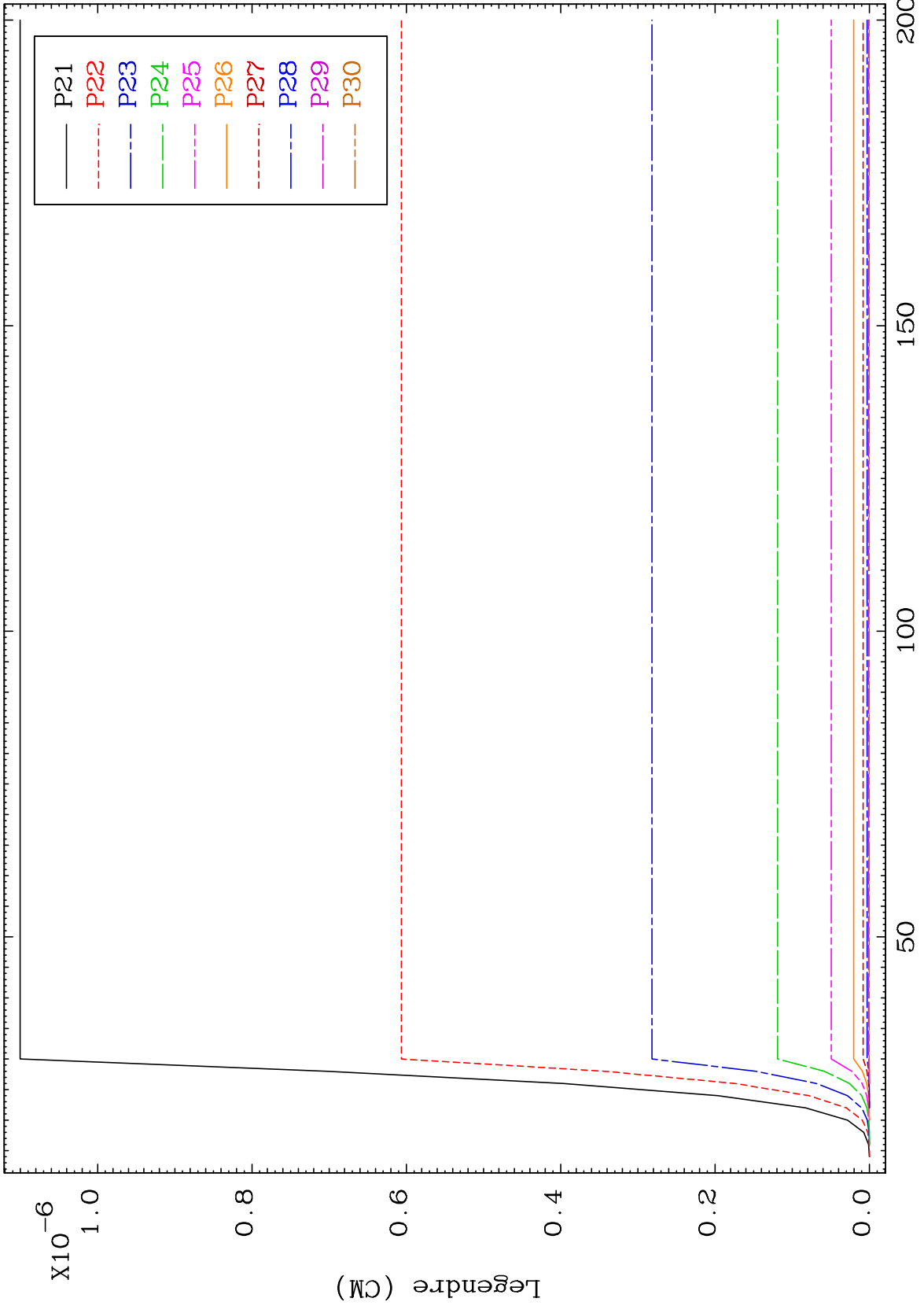
200

24-Cr-50

MAT 2425

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

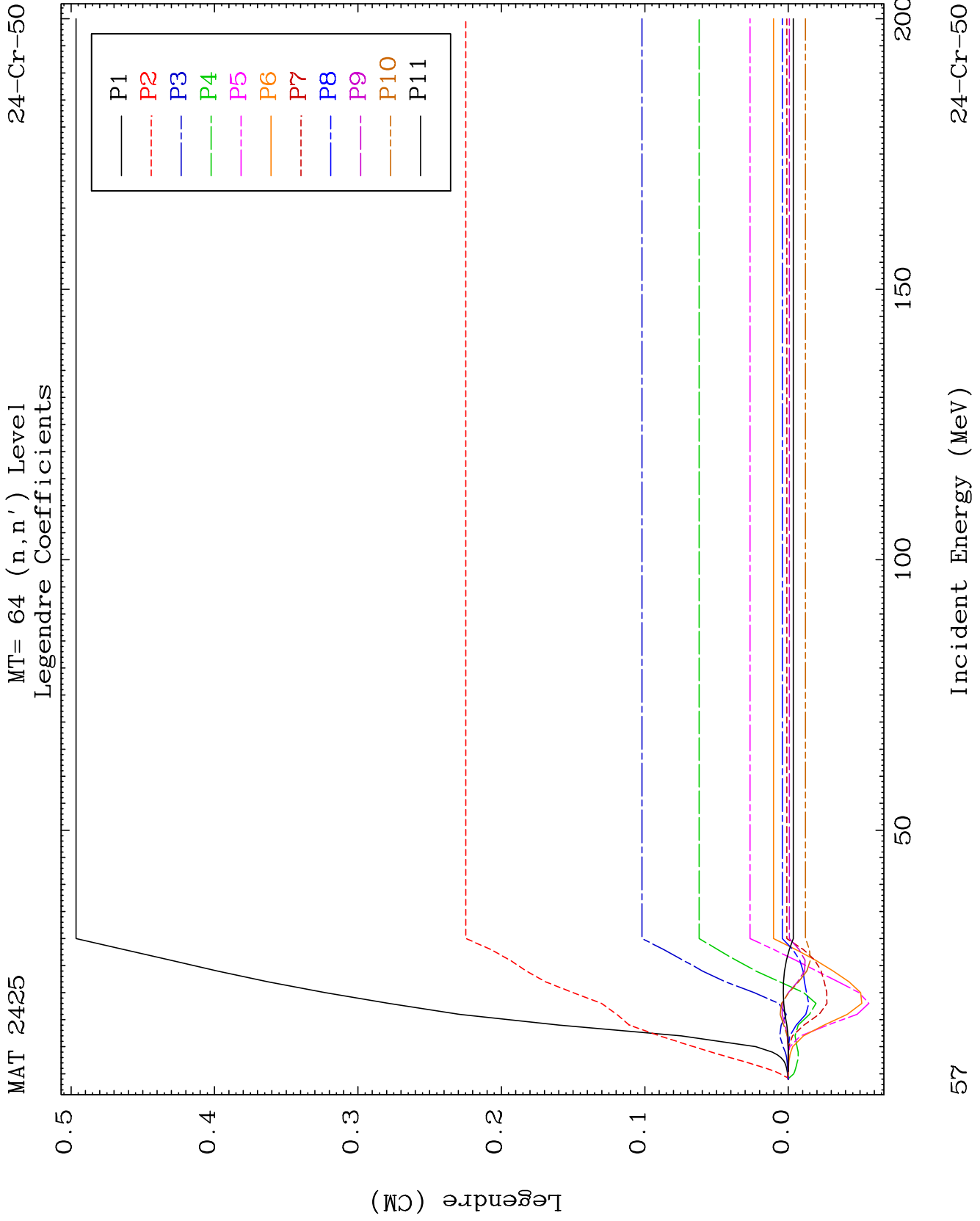
24-Cr-50



56

Incident Energy (MeV)

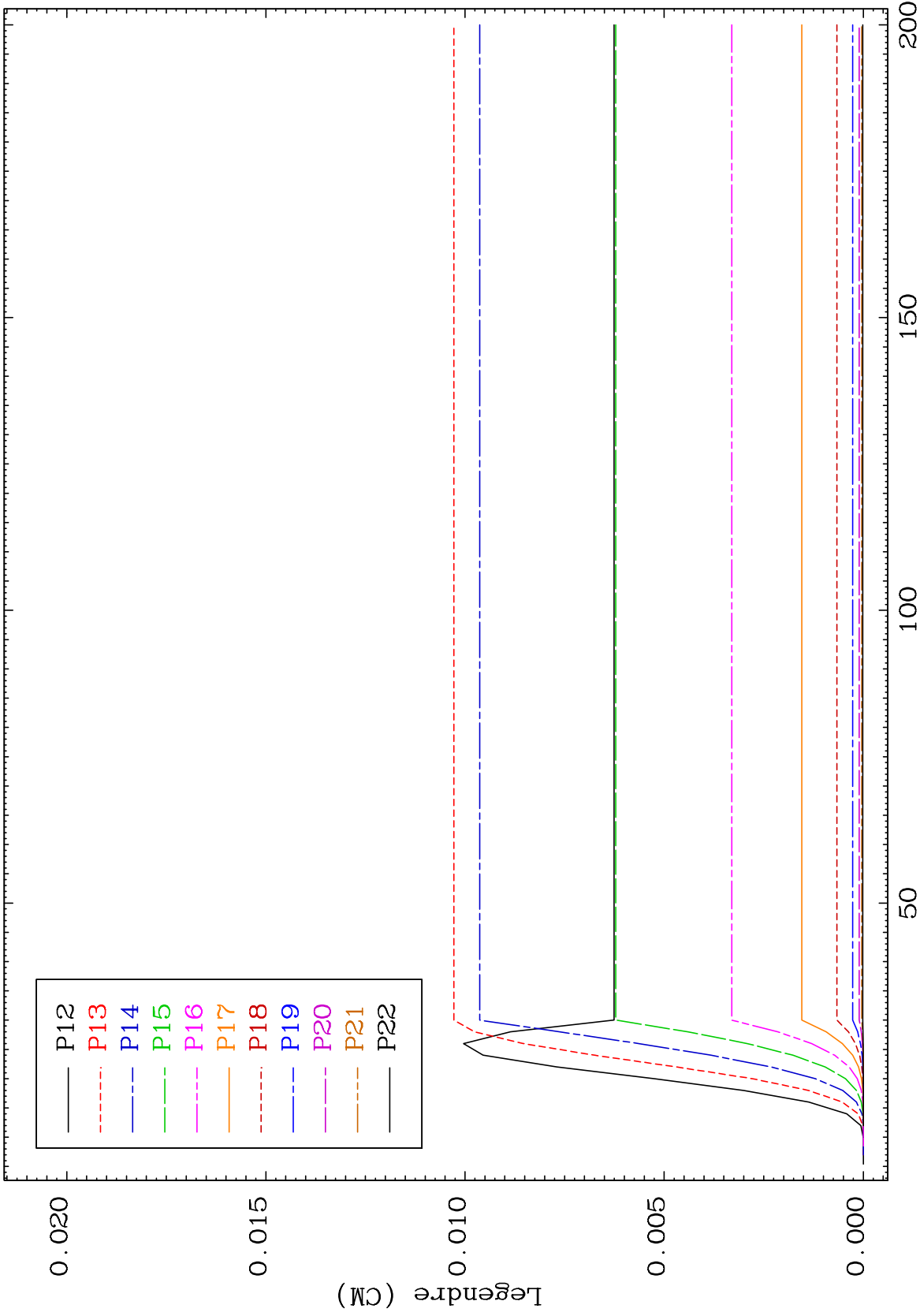
24-Cr-50



MAT 2425

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

24-Cr-50



58

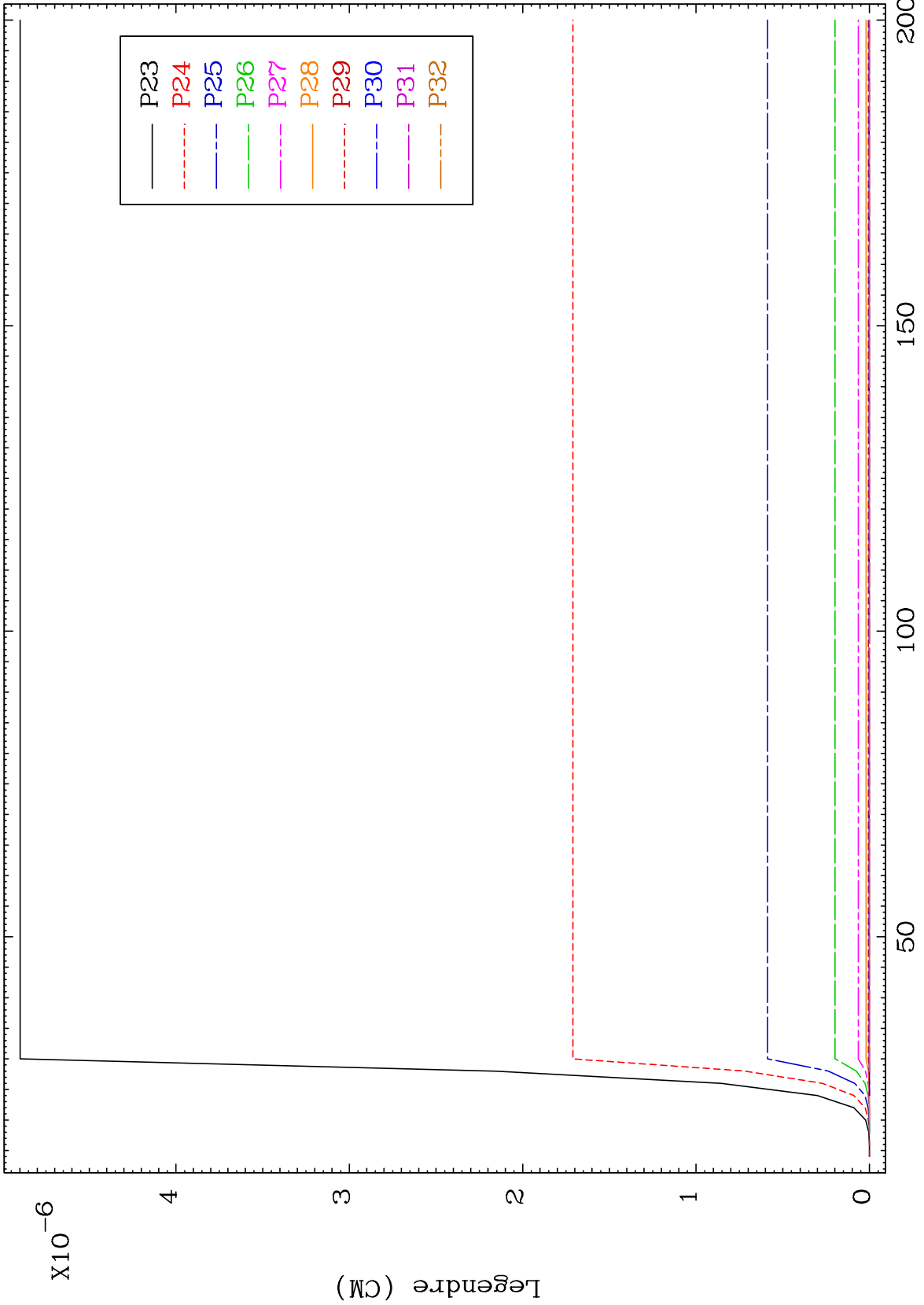
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

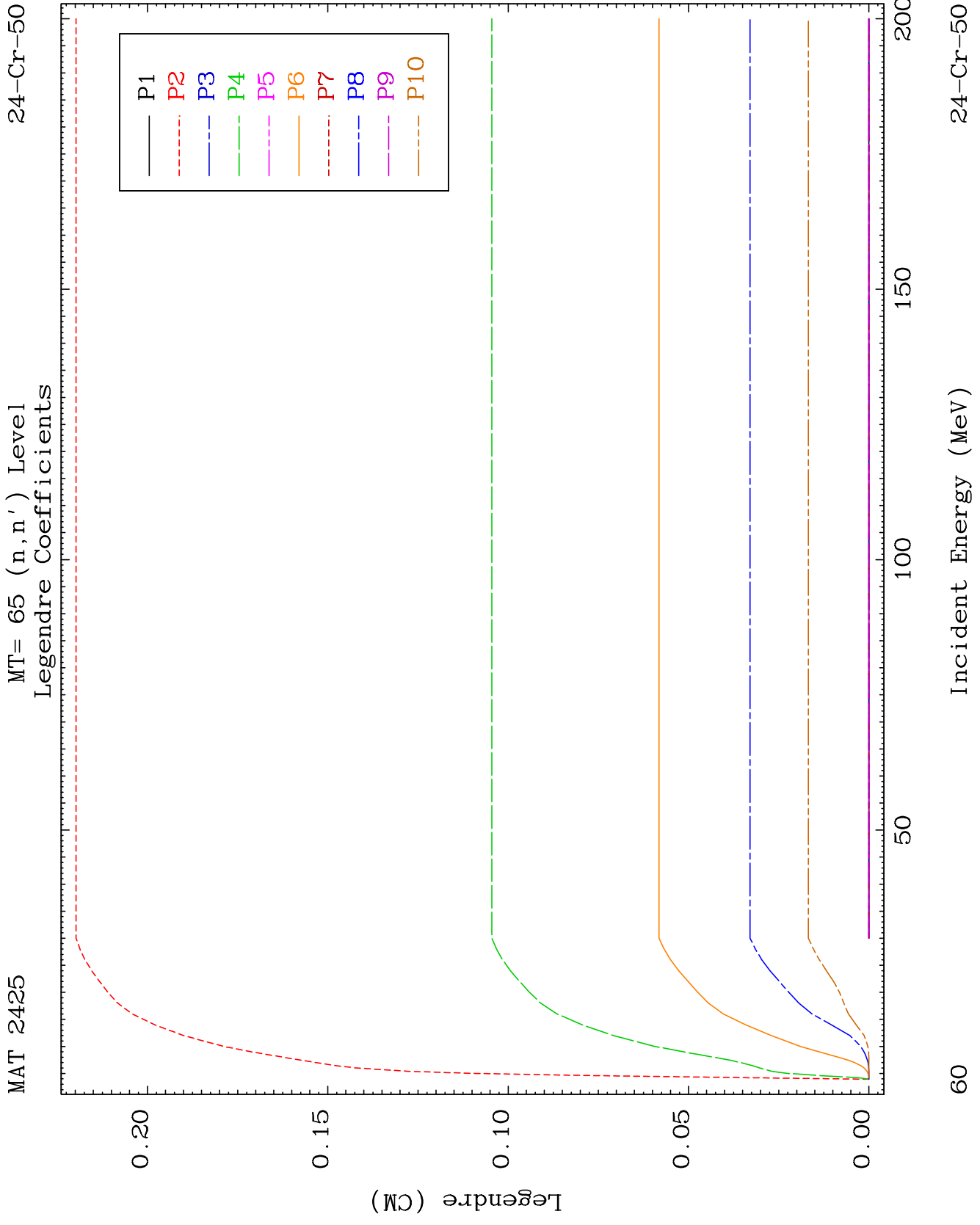
24-Cr-50



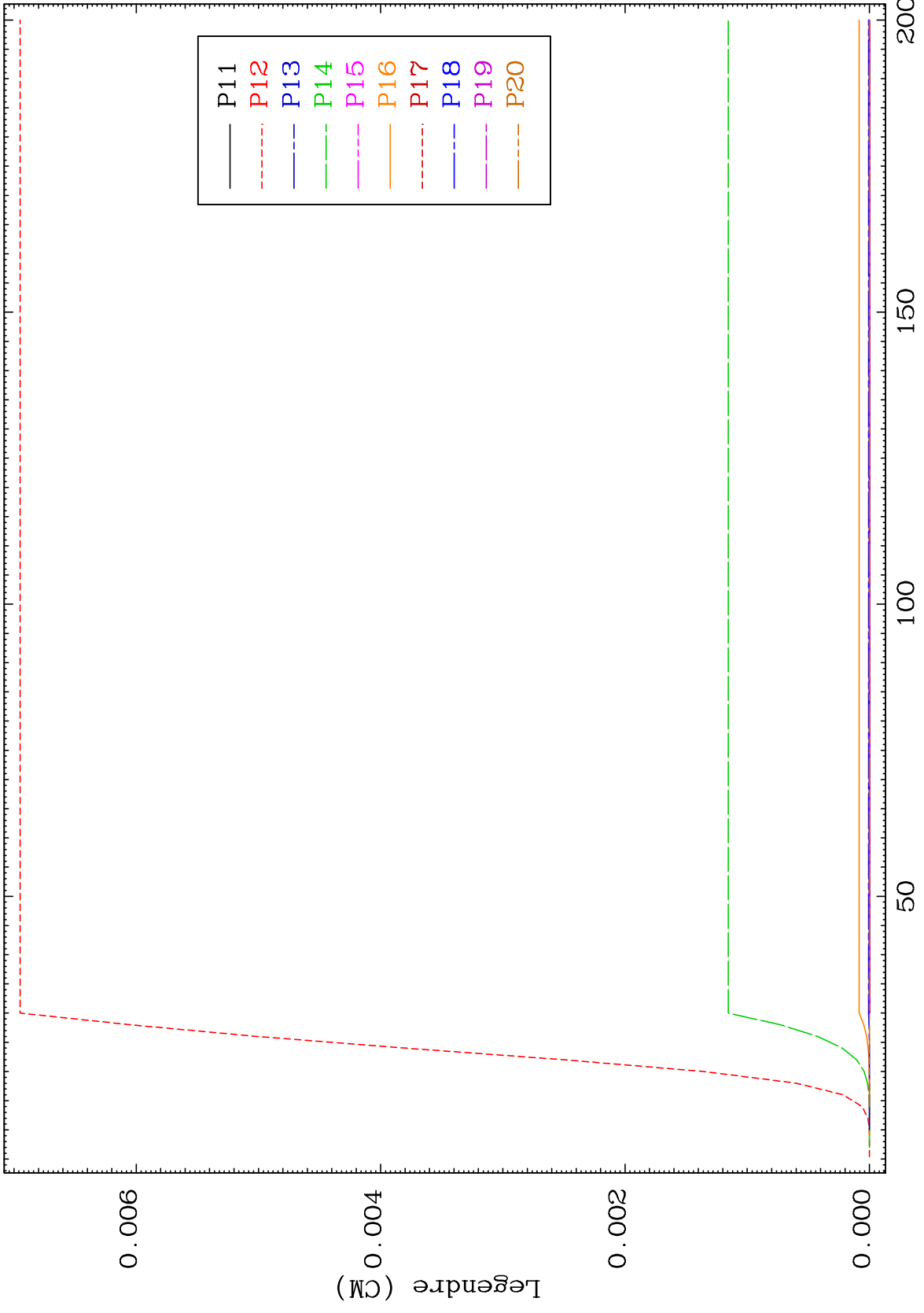
59

Incident Energy (MeV)

24-Cr-50

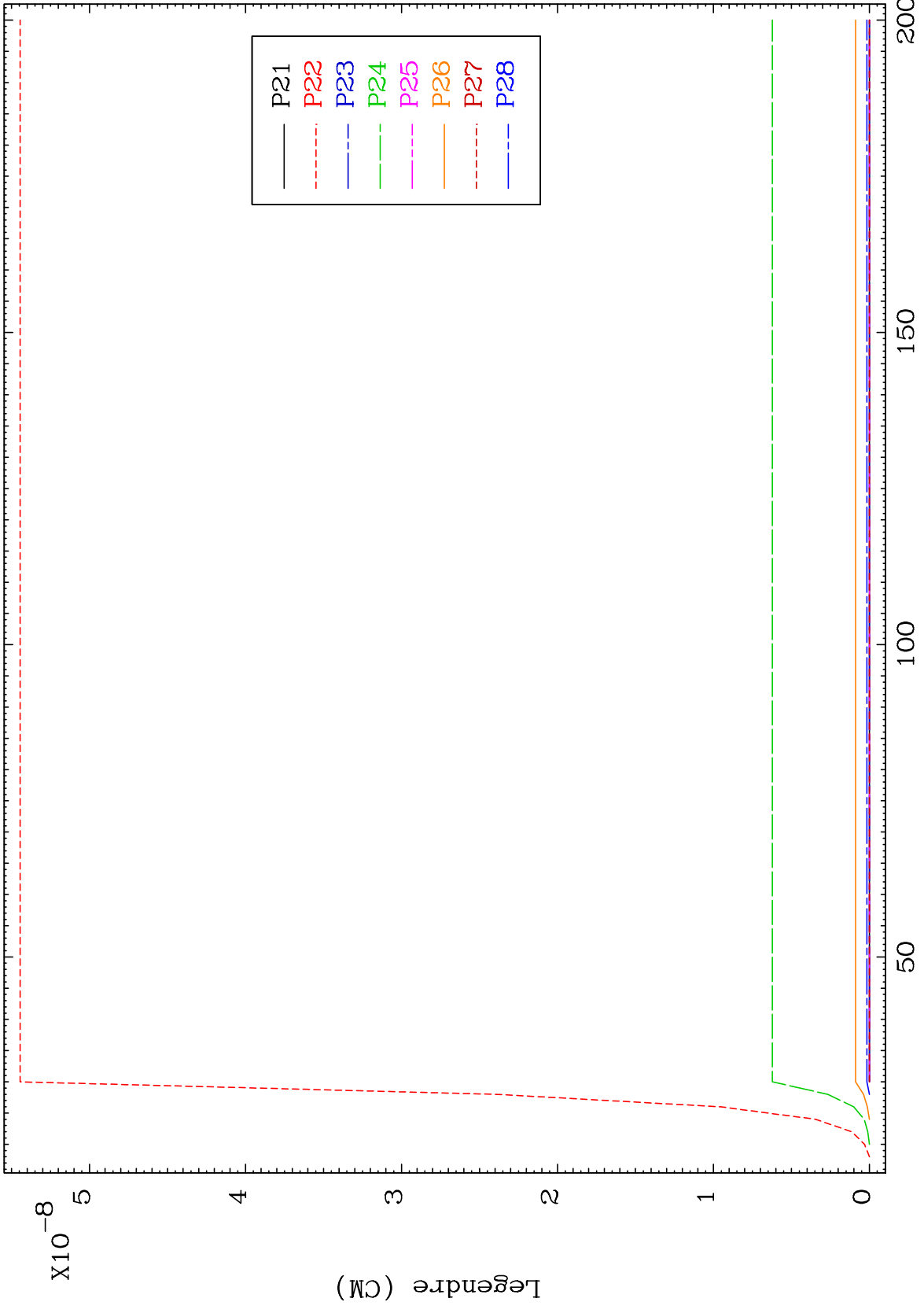


MAT 2425 MT= 65 (n,n') Level Legendre Coefficients 24-Cr-50



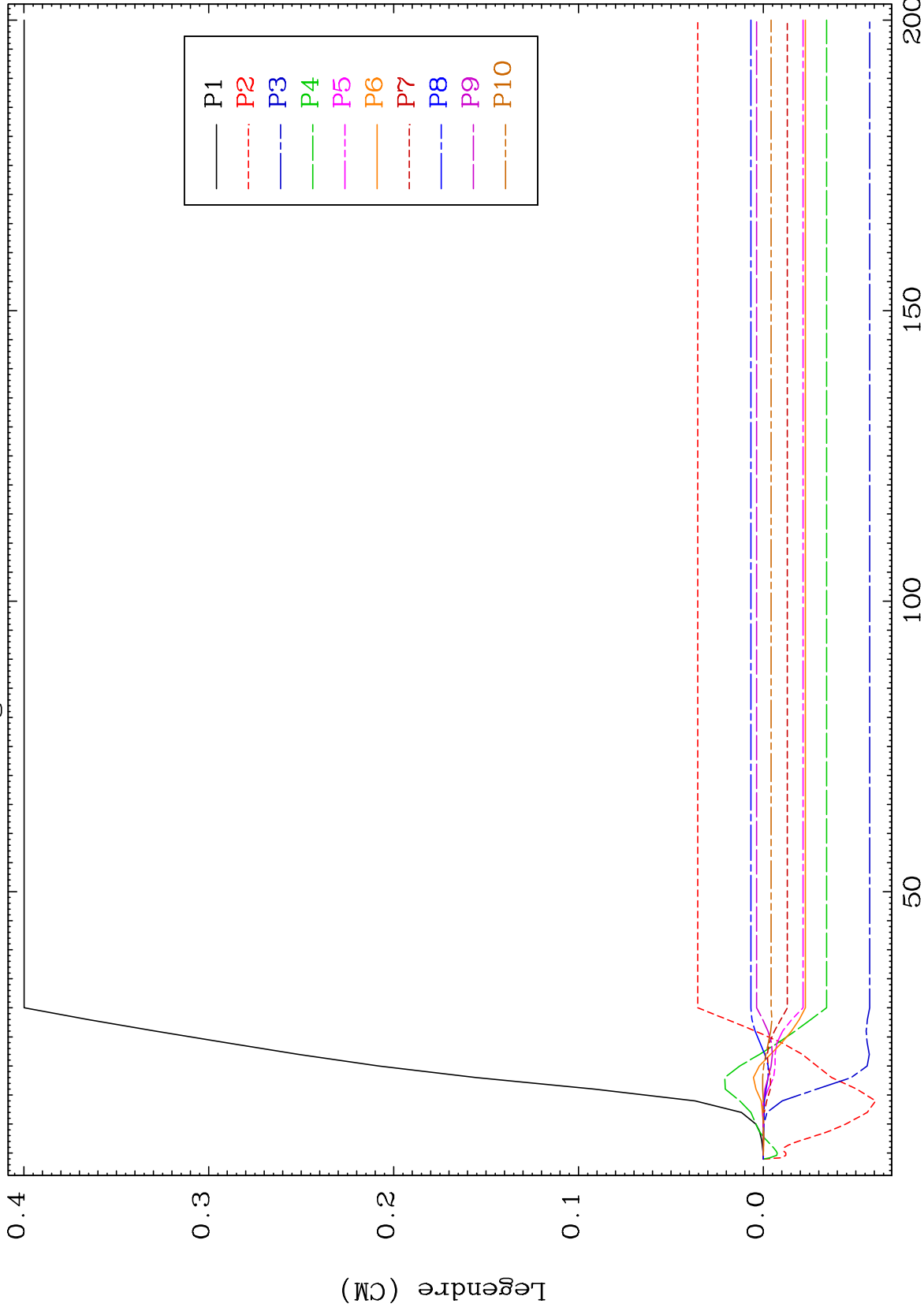
61 24-Cr-50

MAT 2425 MT= 65 (n,n') Level Legendre Coefficients 24-Cr-50



62 200 24-Cr-50

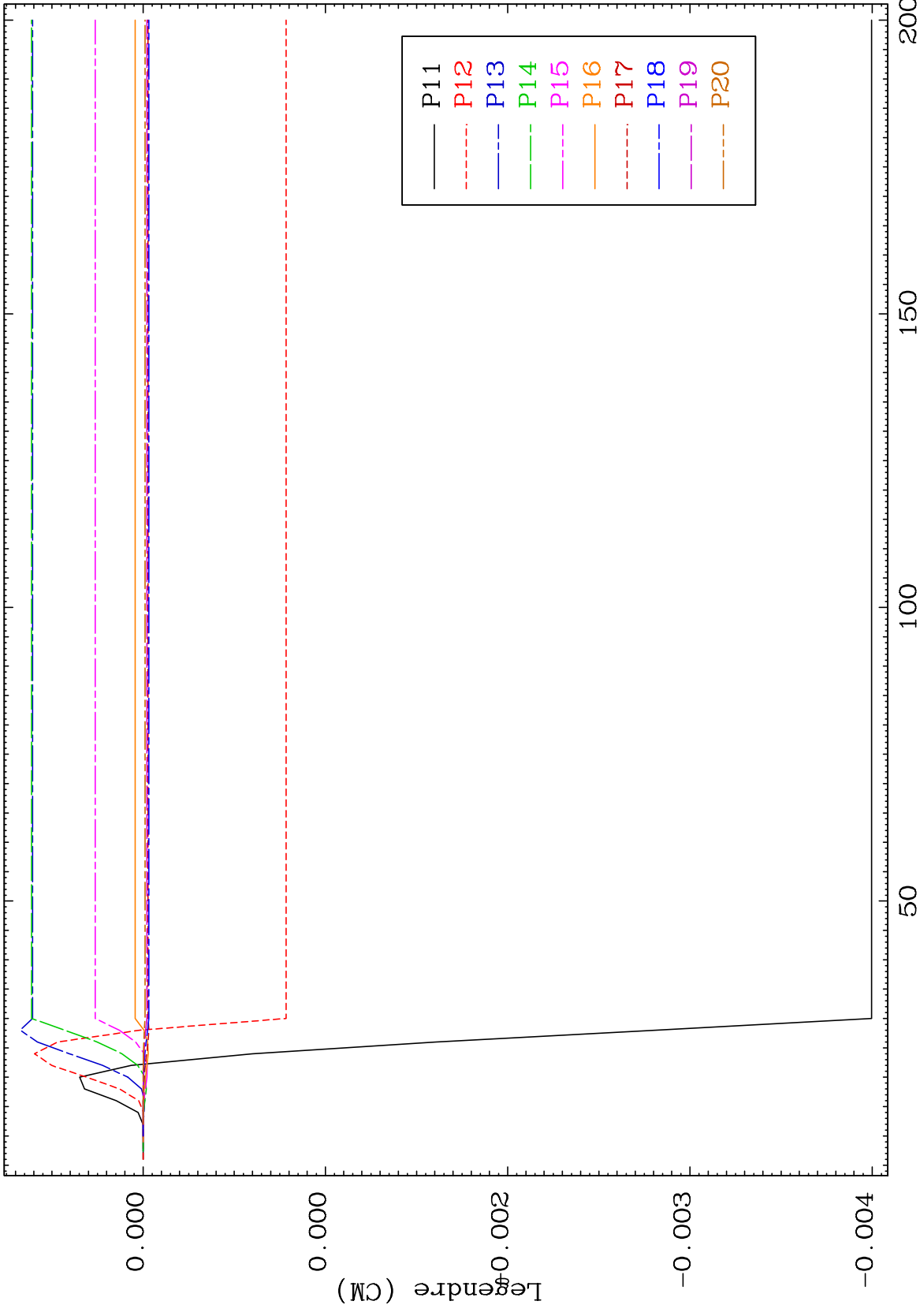
MAT 2425 MT= 66 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50

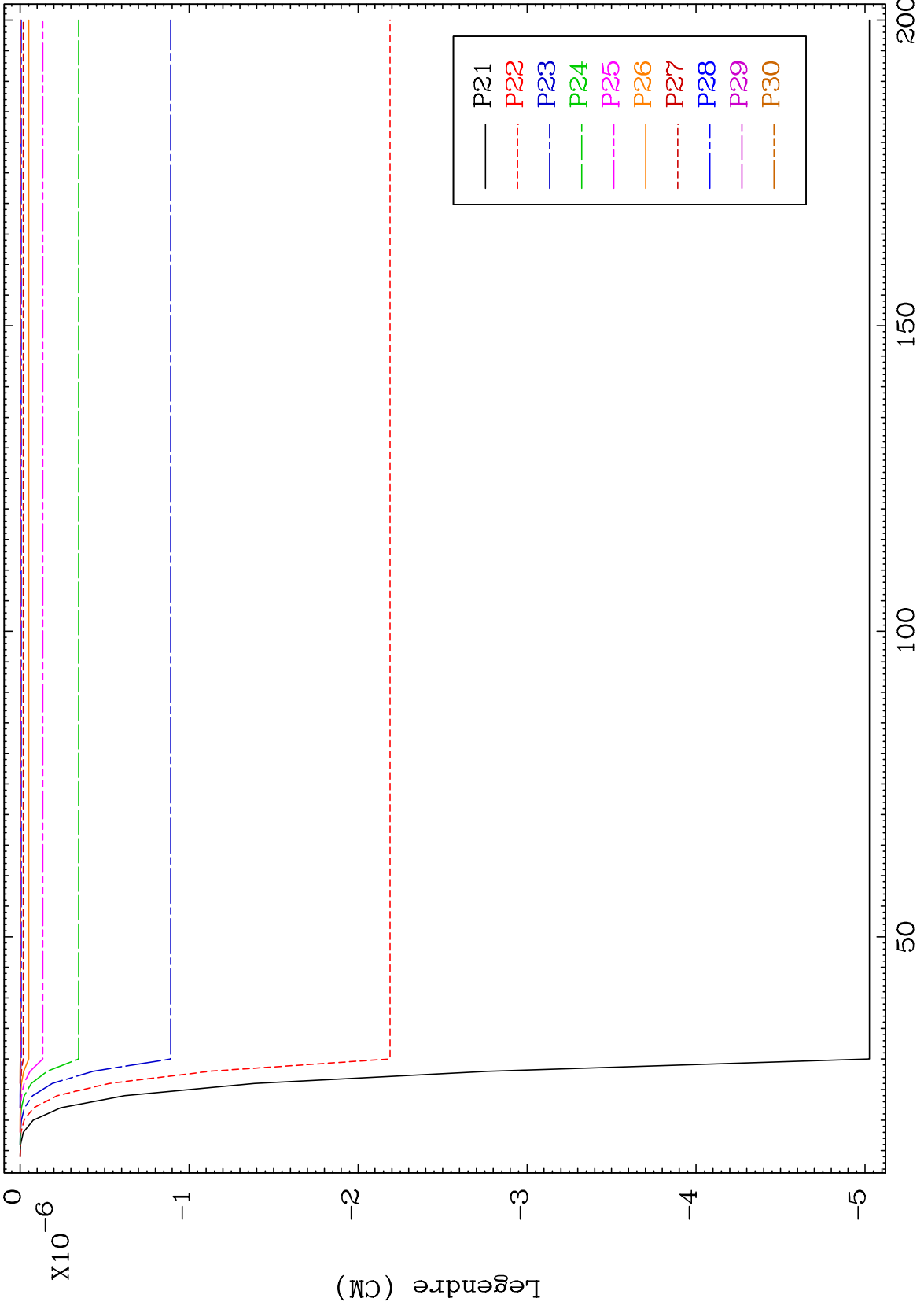


64

Incident Energy (MeV)

24-Cr-50

MAT 2425 MT= 66 (n,n') Level Legendre Coefficients 24-Cr-50

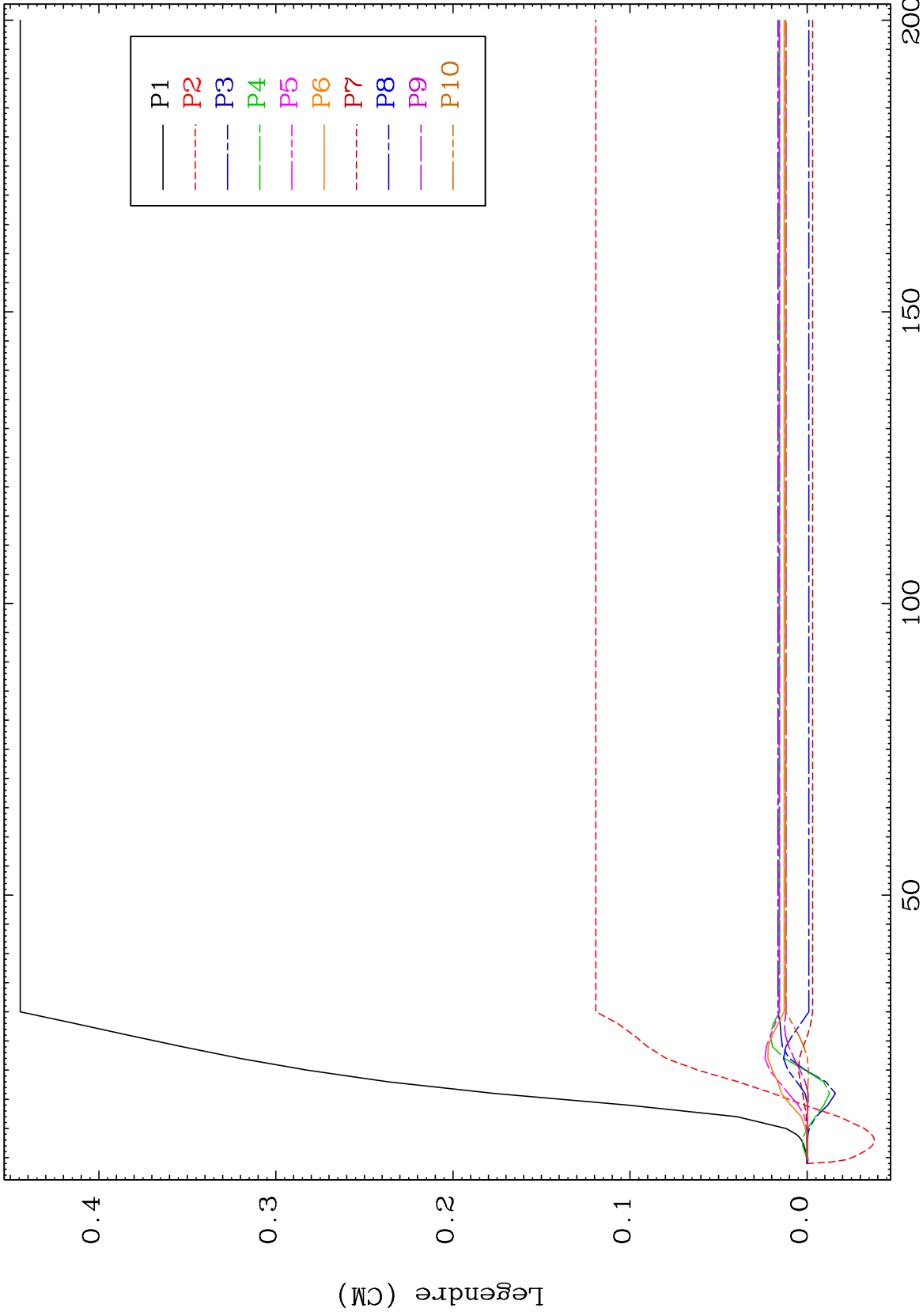


65 24-Cr-50

MAT 2425

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

24-Cr-50



66

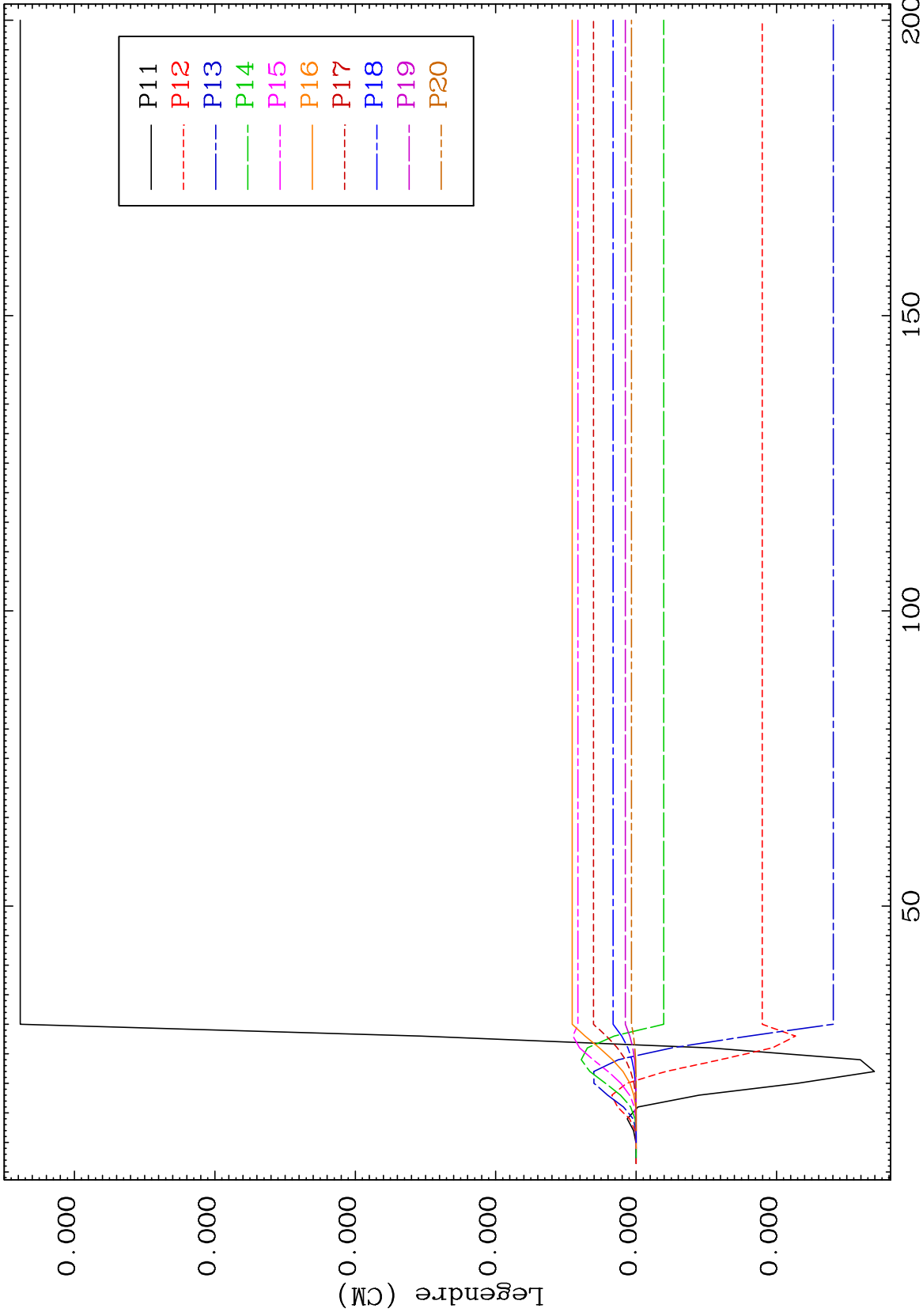
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50



67

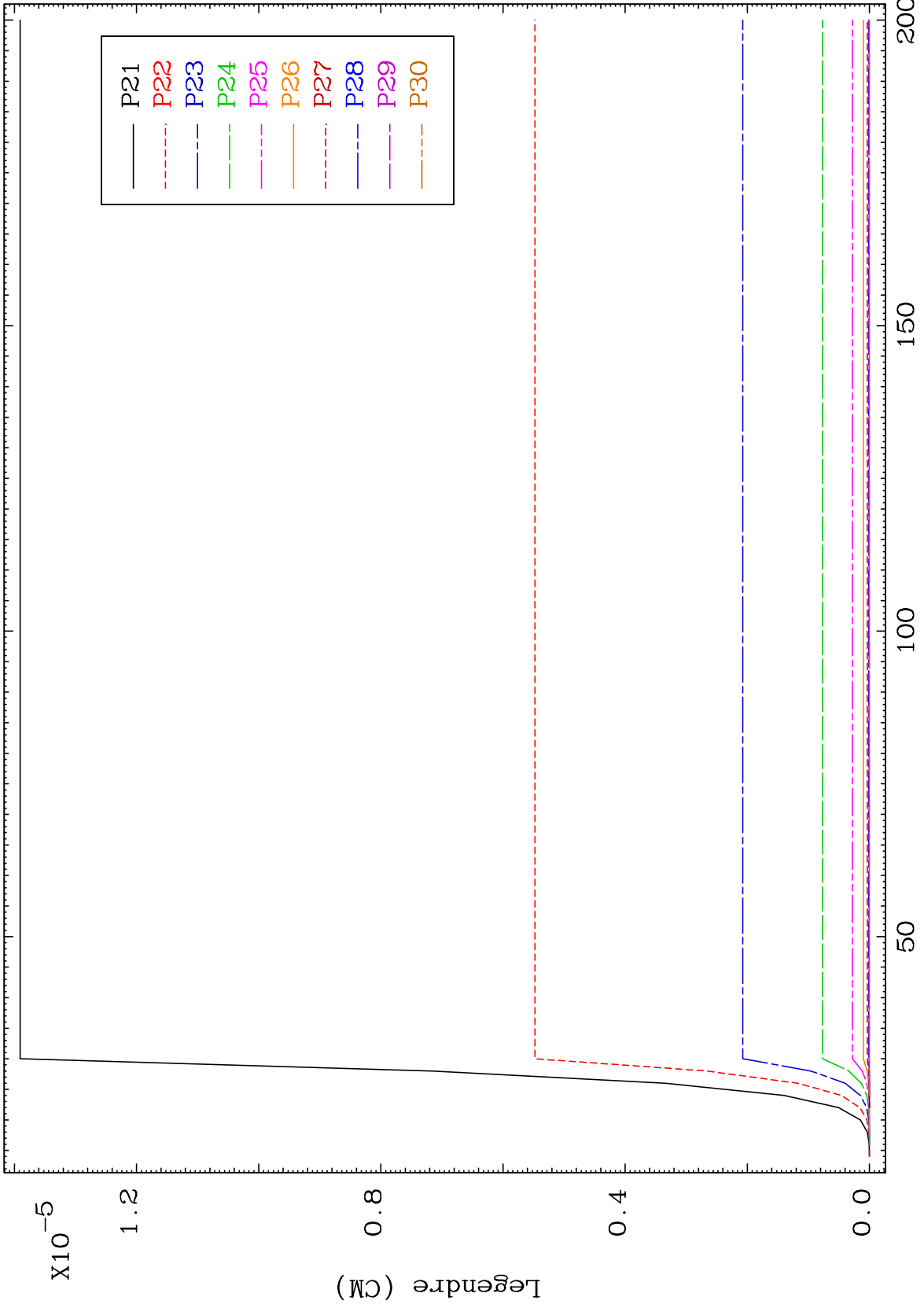
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

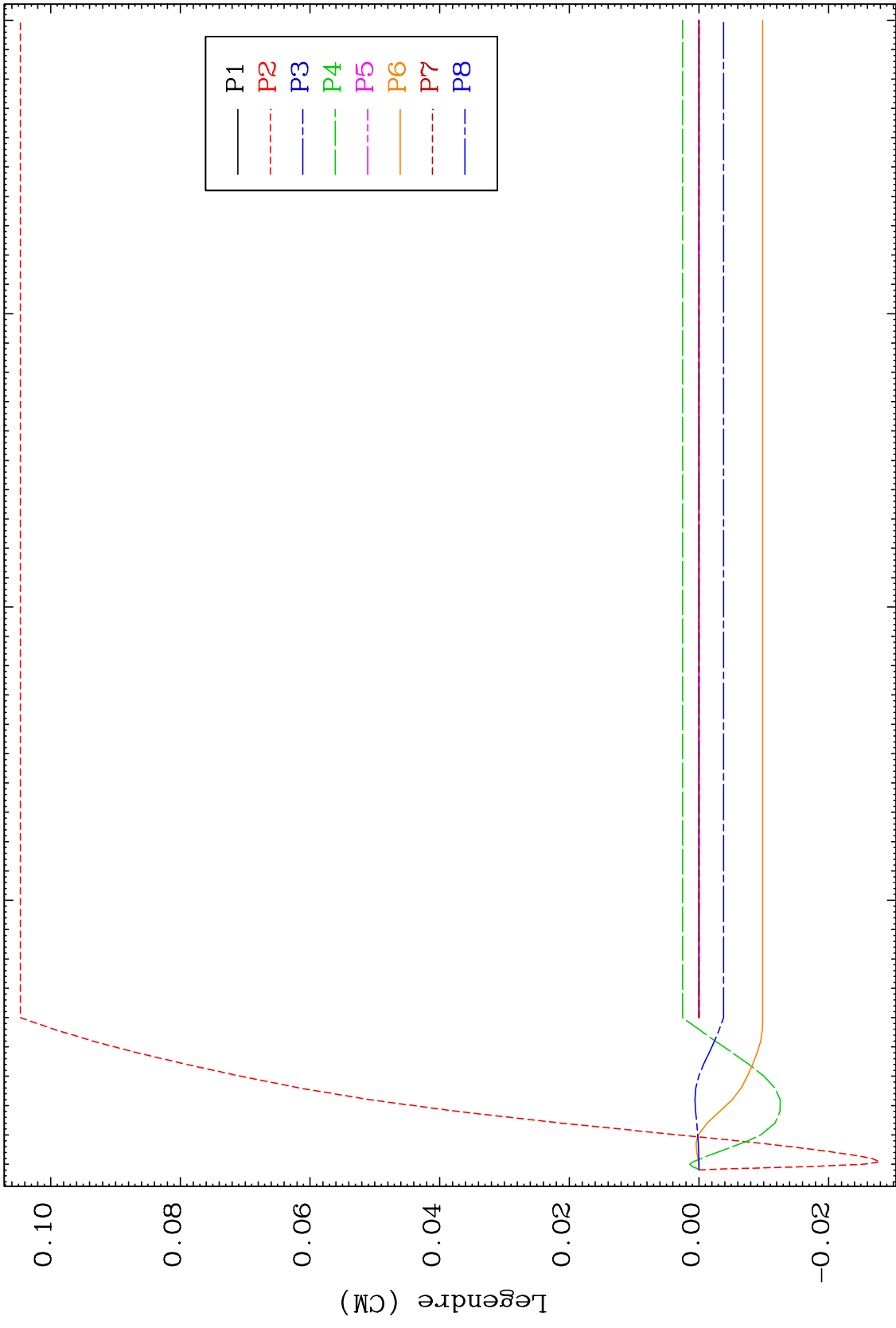


68

Incident Energy (MeV)

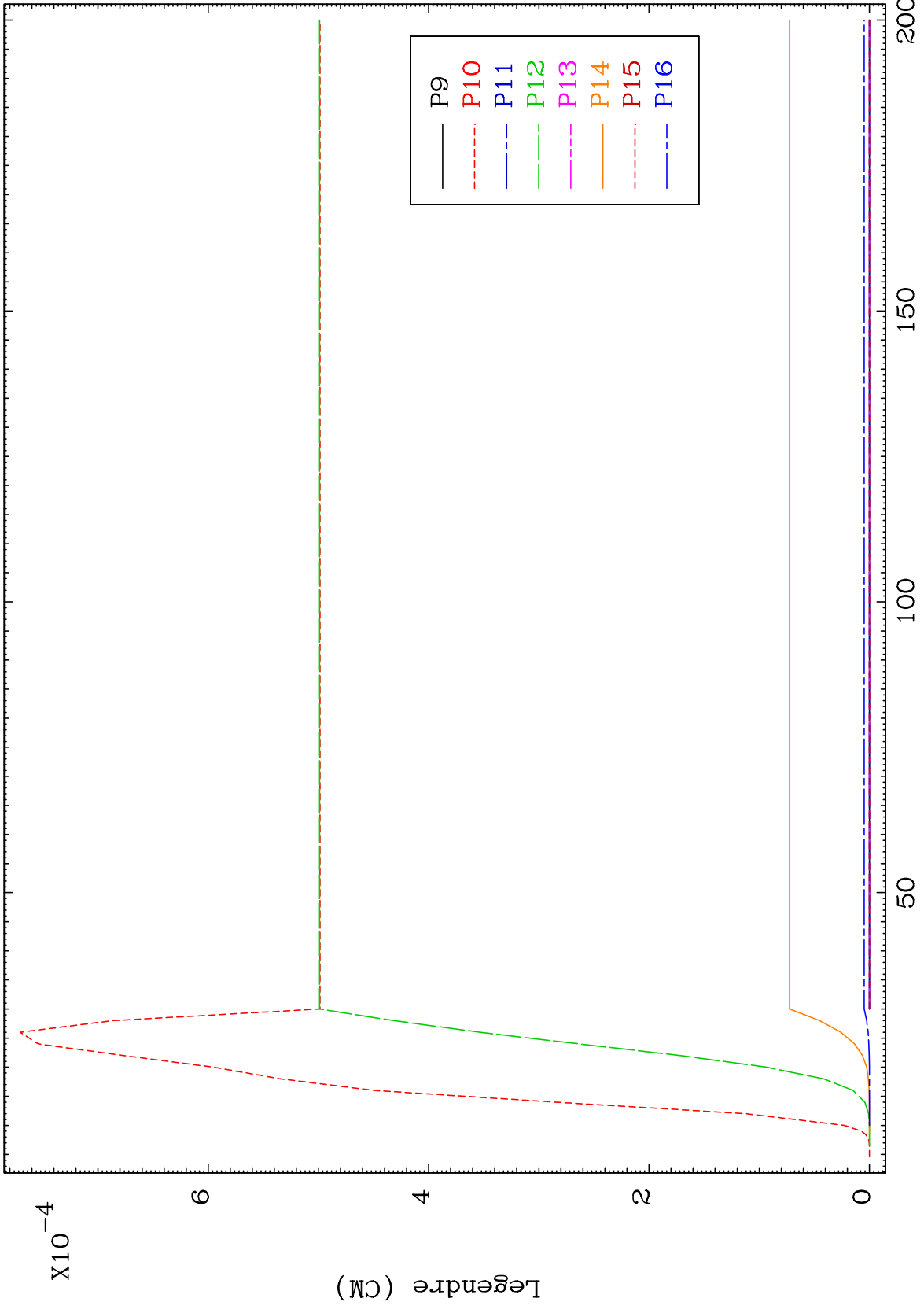
24-Cr-50

MAT 2425 MT= 68 (n,n') Level Legendre Coefficients 24-Cr-50



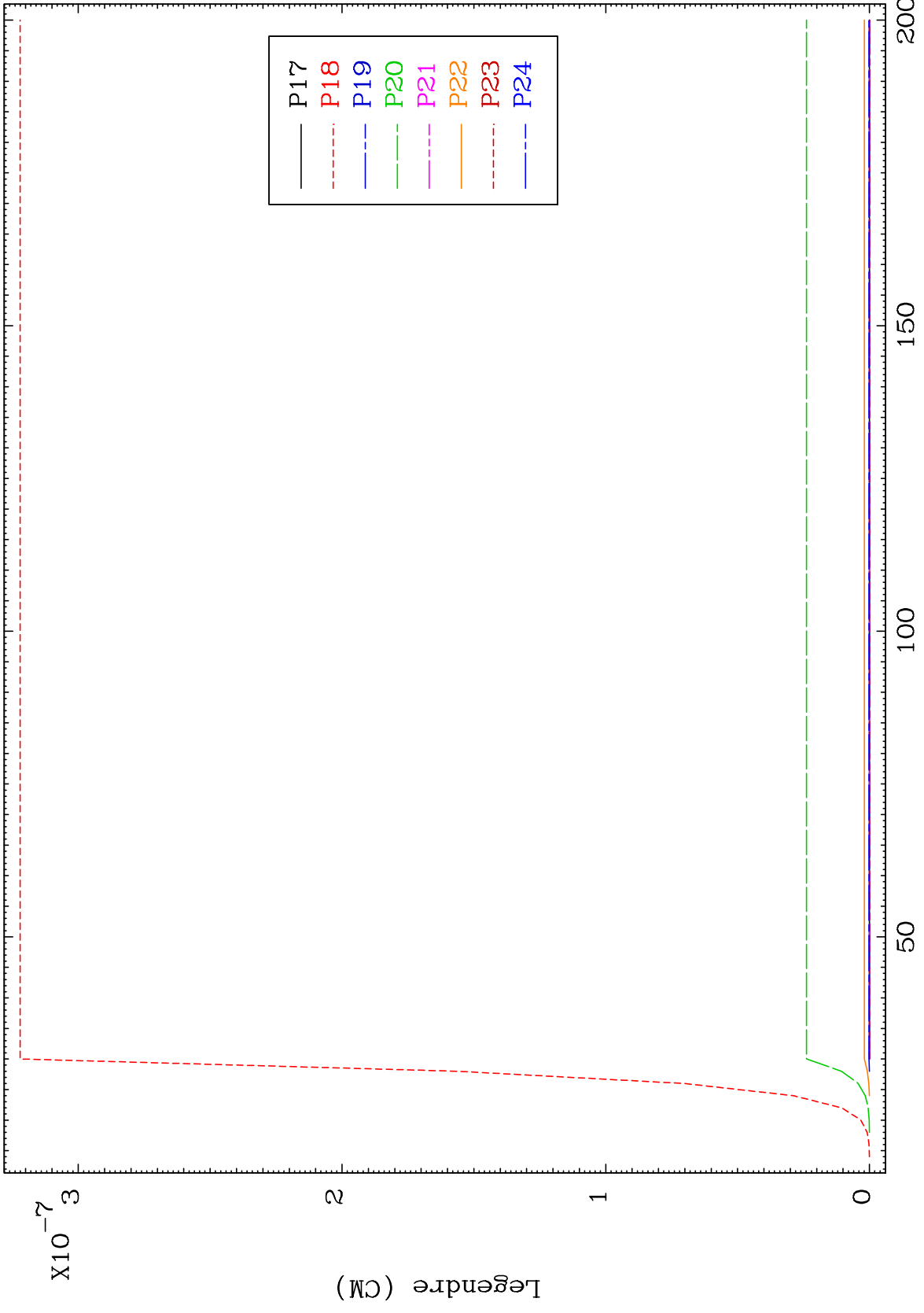
69 Incident Energy (MeV) 24-Cr-50

MAT 2425 MT= 68 (n,n') Level Legendre Coefficients 24-Cr-50



70 Incident Energy (MeV) 24-Cr-50

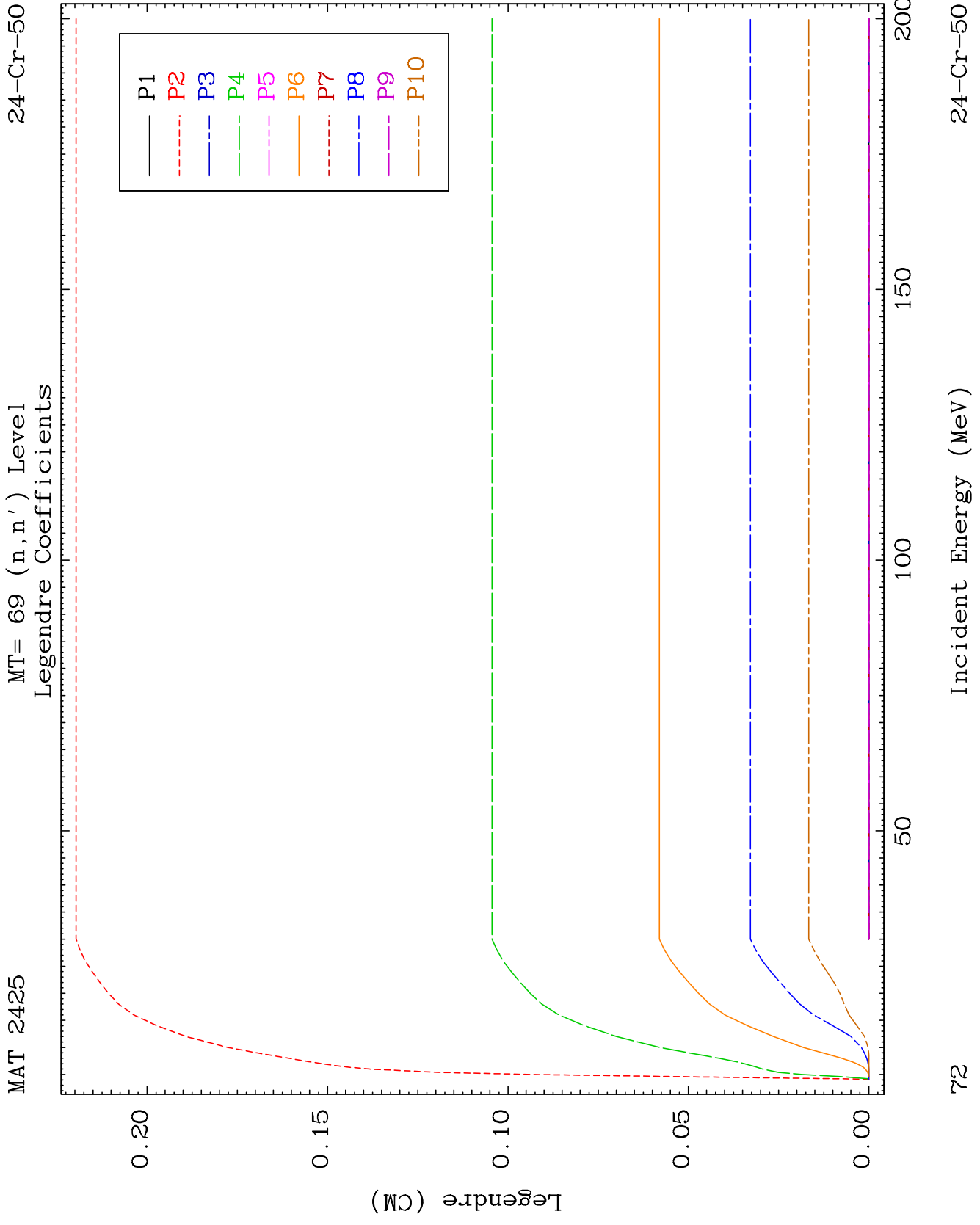
MAT 2425 MT= 68 (n,n') Level Legendre Coefficients 24-Cr-50



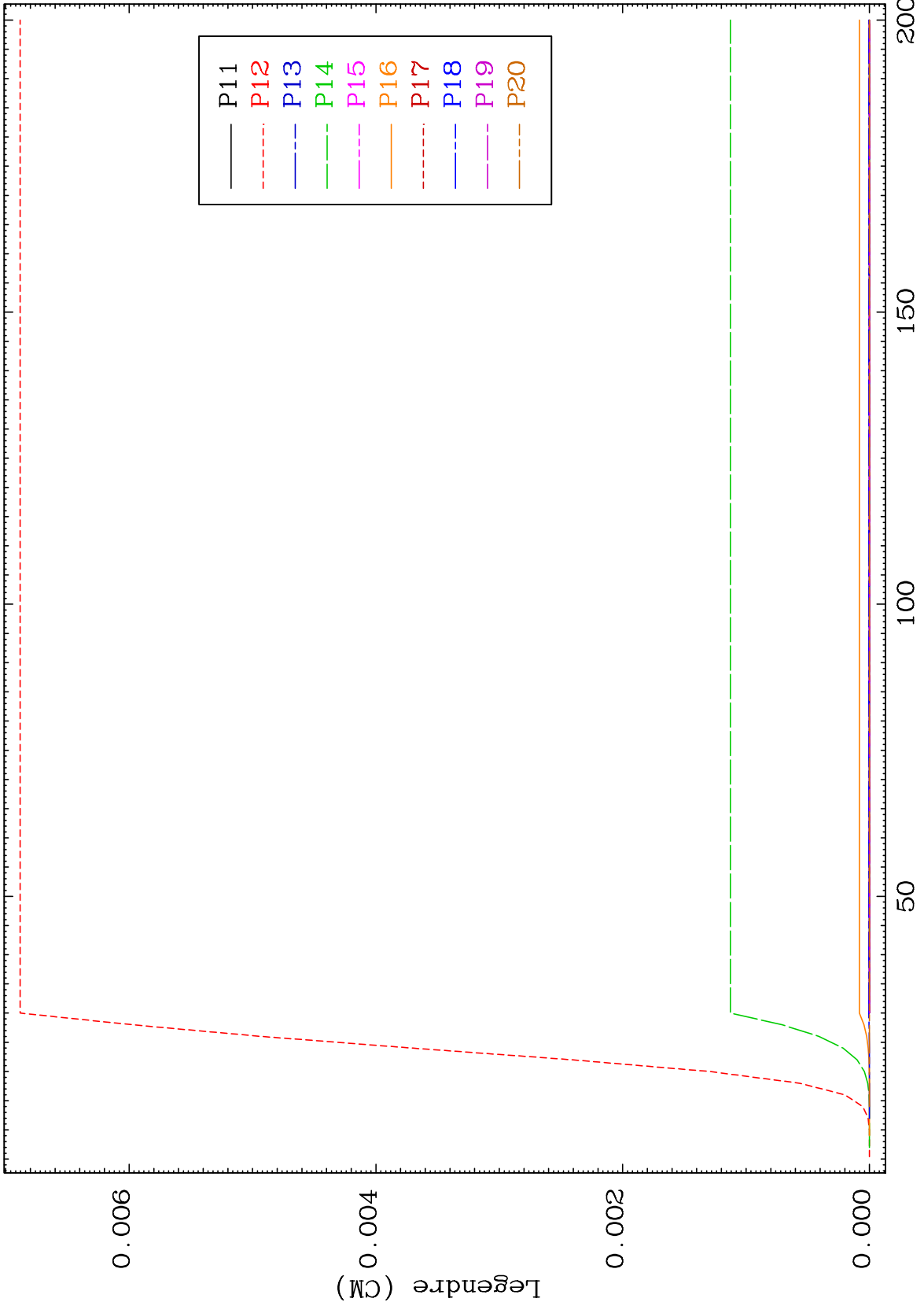
71

Incident Energy (MeV)

24-Cr-50

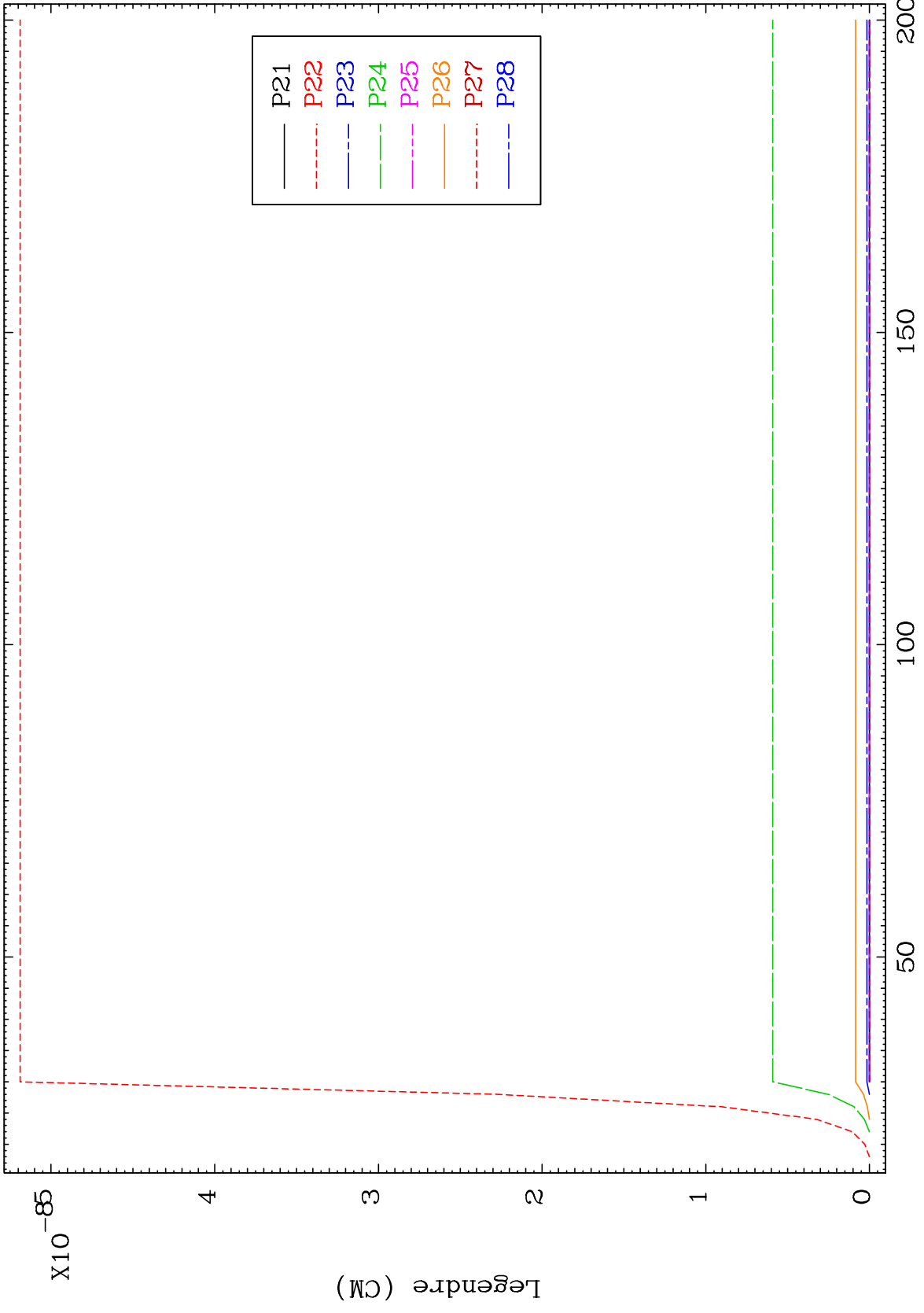


MAT 2425 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-50



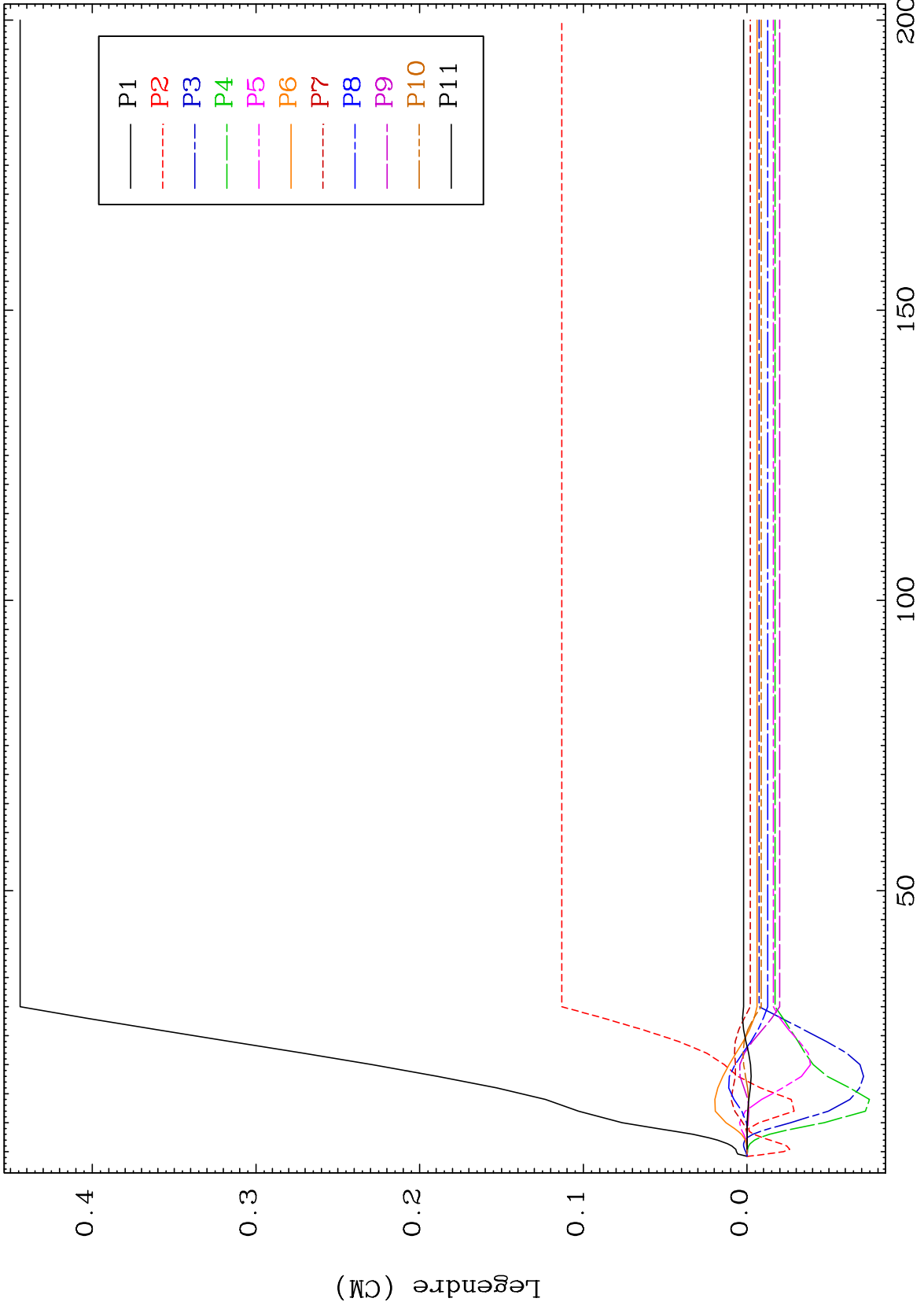
73 24-Cr-50

MAT 2425 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-50



74 24-Cr-50

MAT 2425 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-50

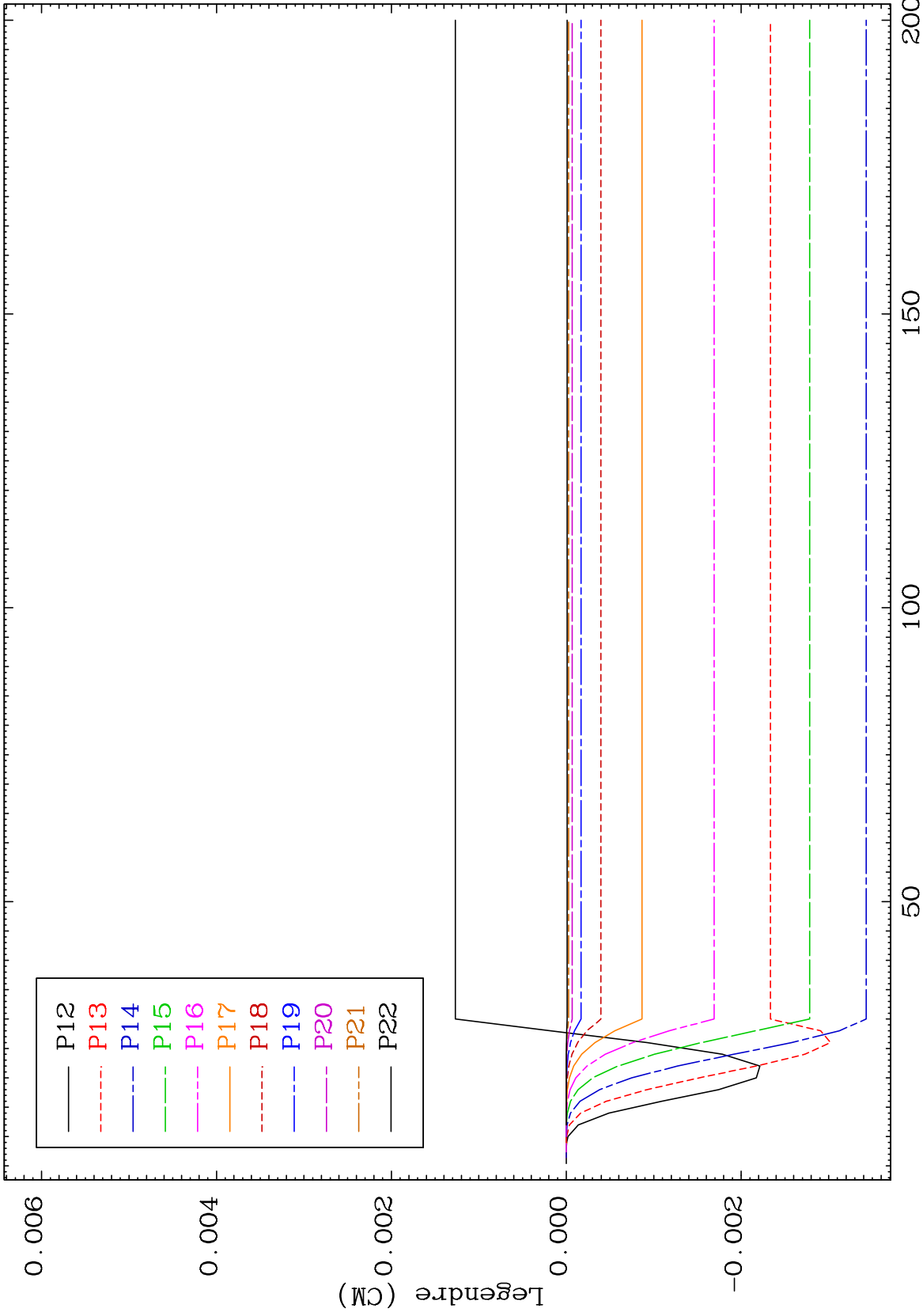


75 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

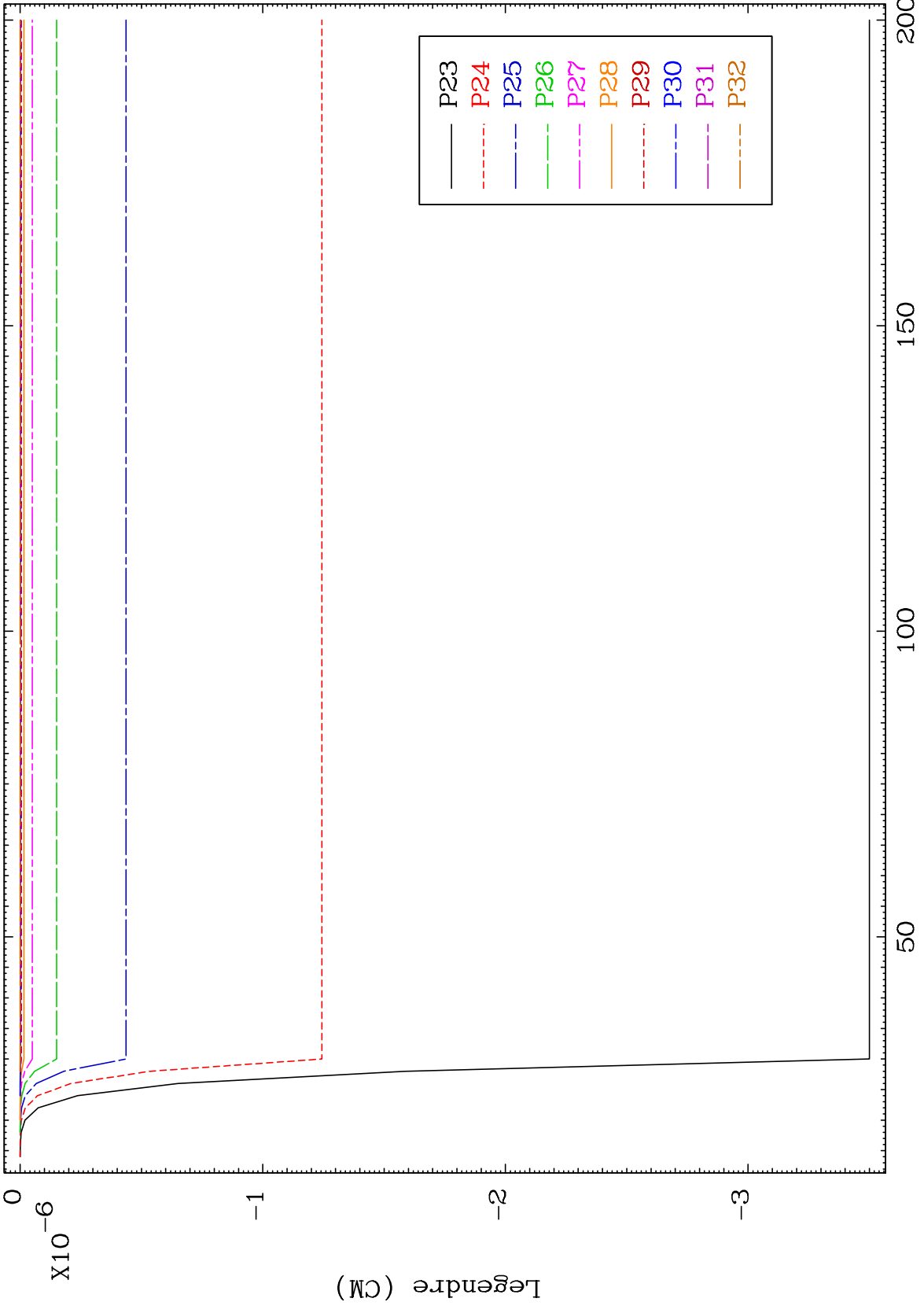


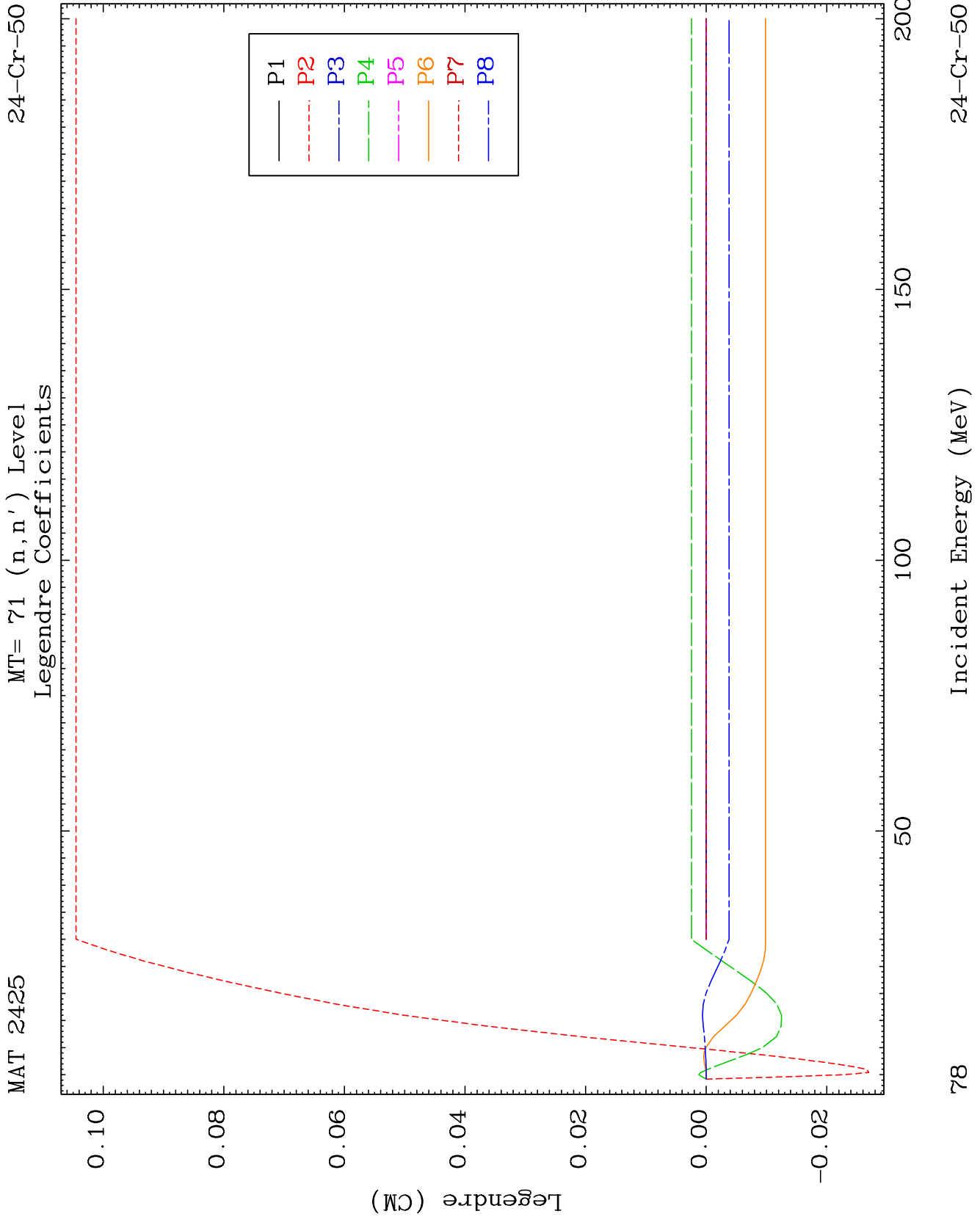
76

Incident Energy (MeV)

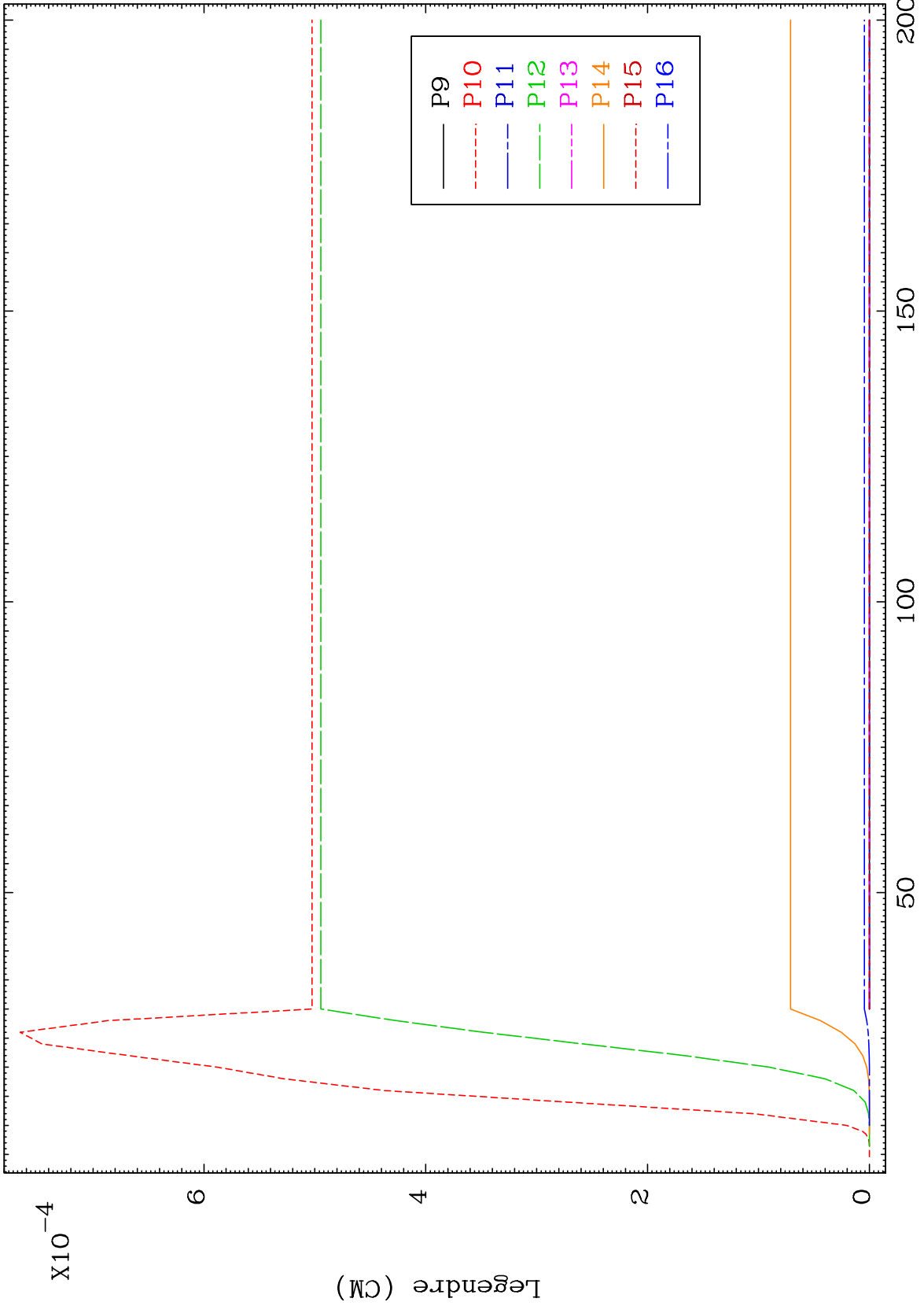
24-Cr-50

MAT 2425 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-50





MAT 2425 MT= 71 (n,n') Level Legendre Coefficients 24-Cr-50

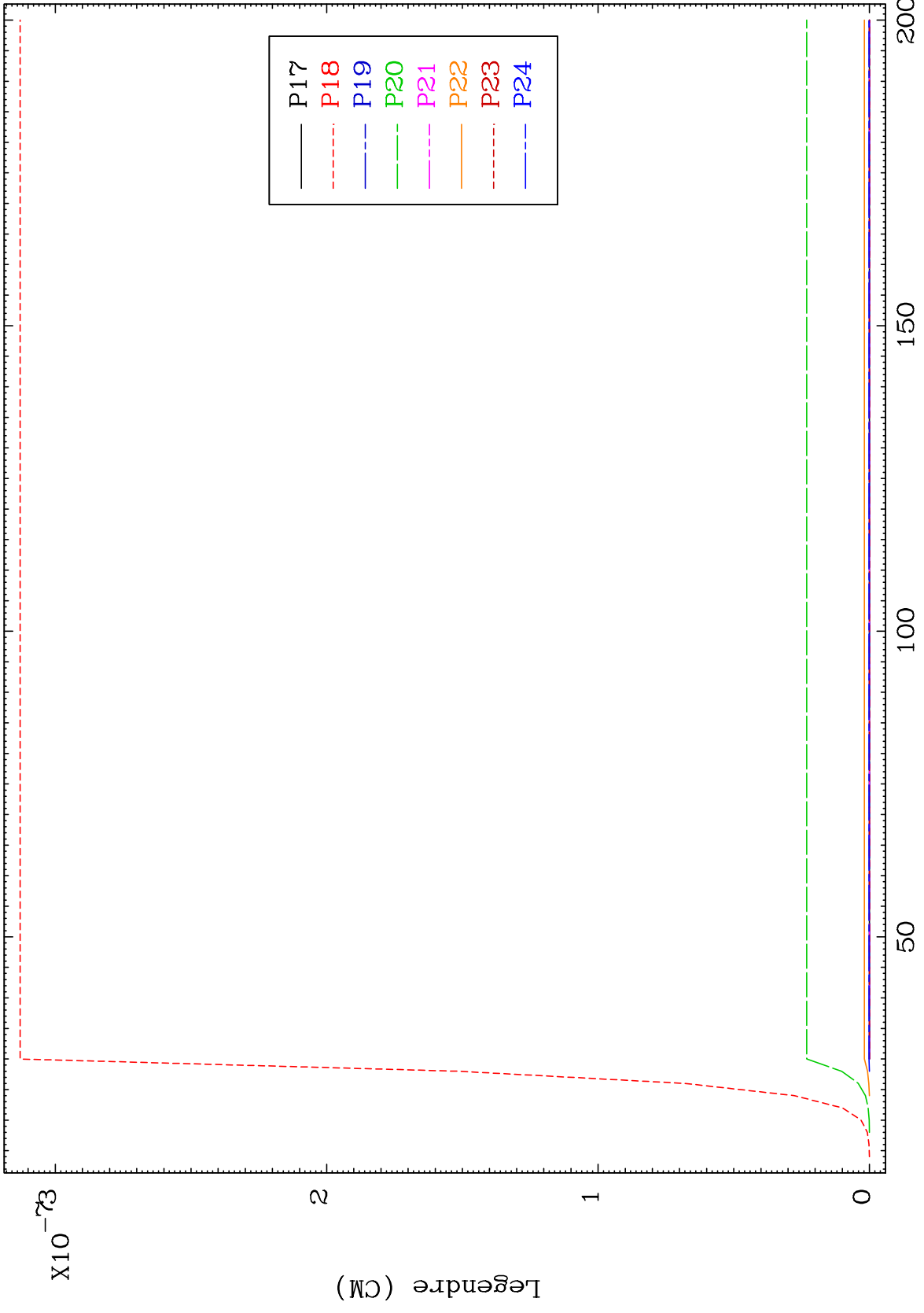


79

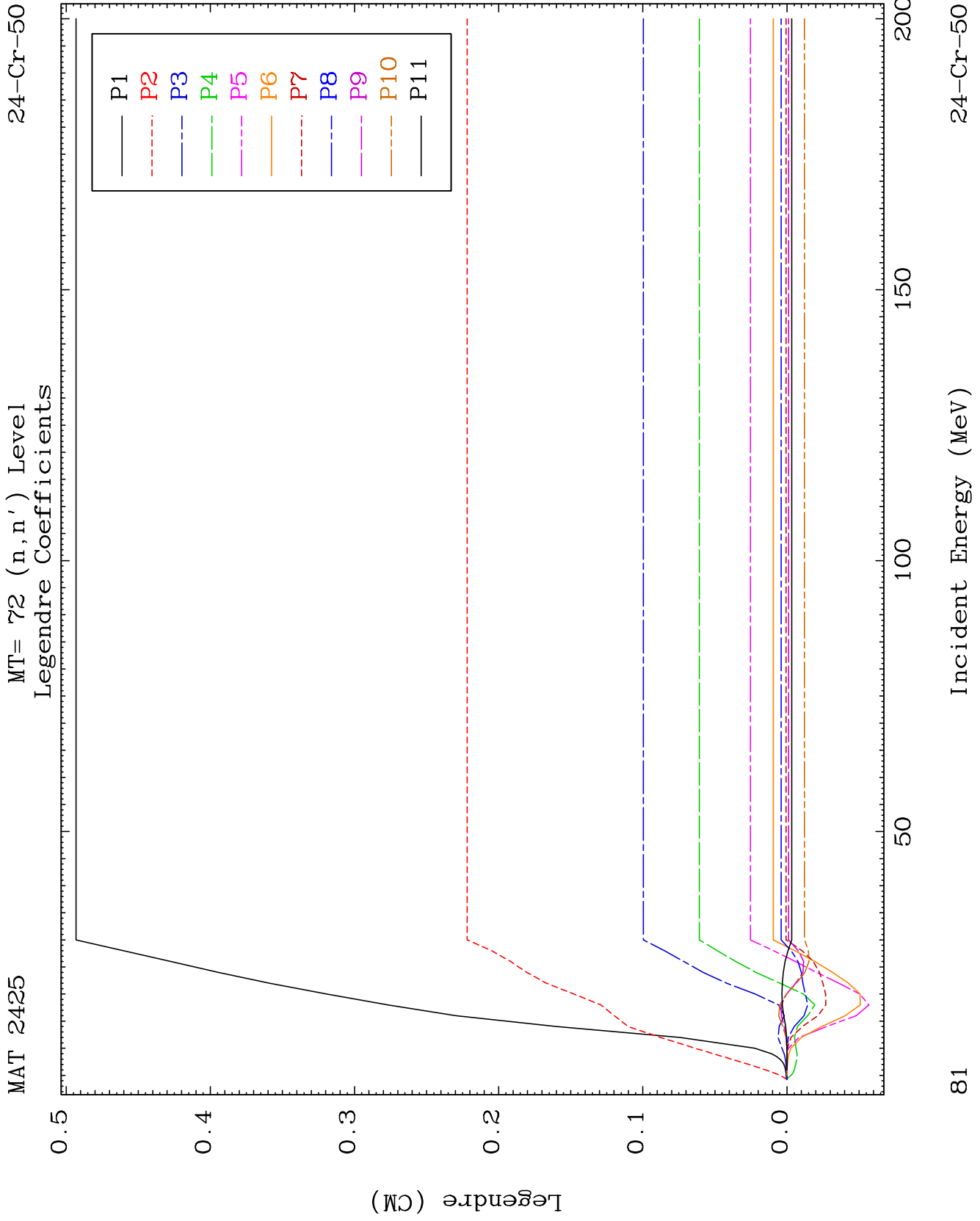
Incident Energy (MeV)

24-Cr-50

MAT 2425 MT= 71 (n,n') Level Legendre Coefficients 24-Cr-50



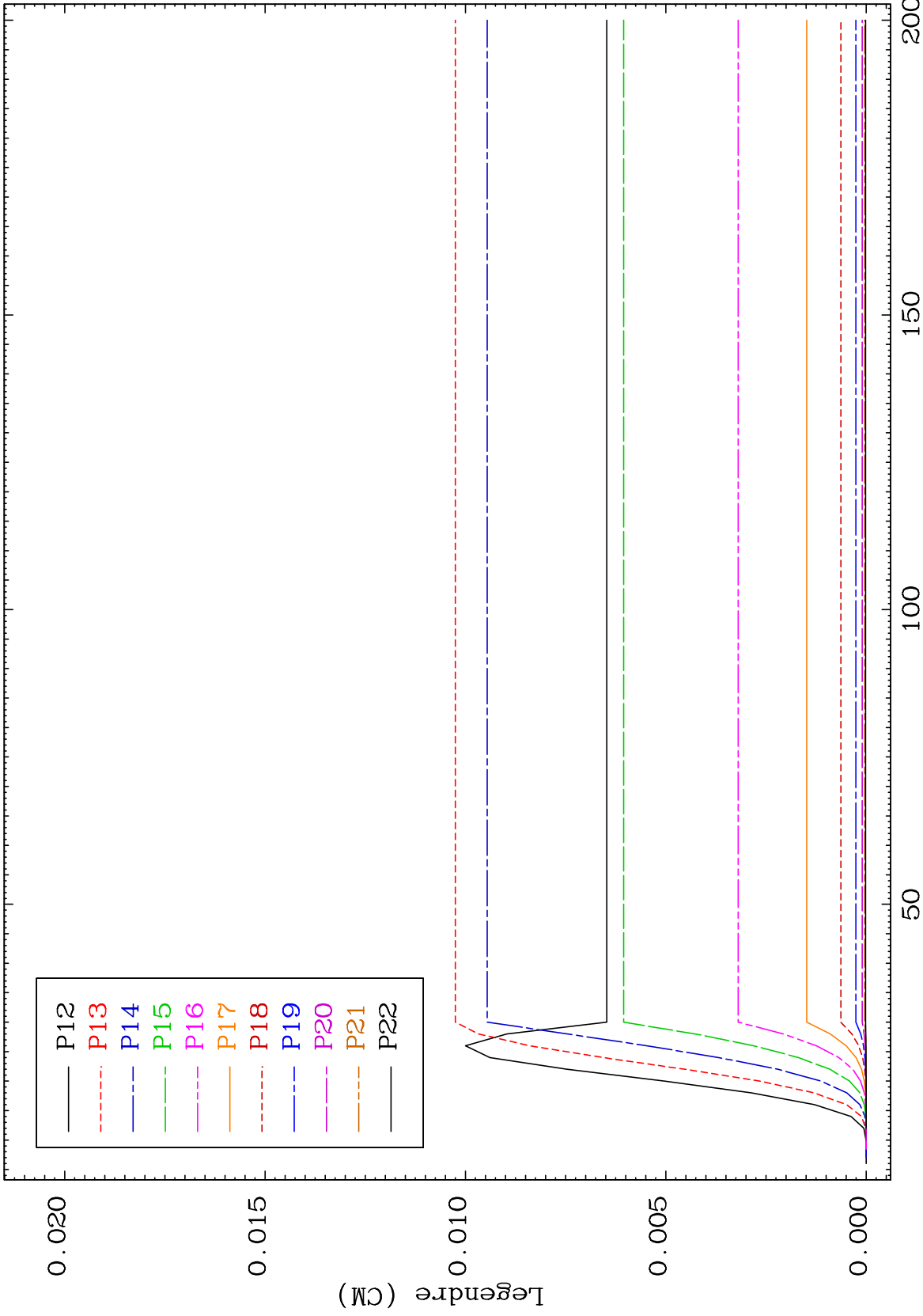
80 50 100 150 200 Incident Energy (MeV) 24-Cr-50



MAT 2425

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

24-Cr-50



82

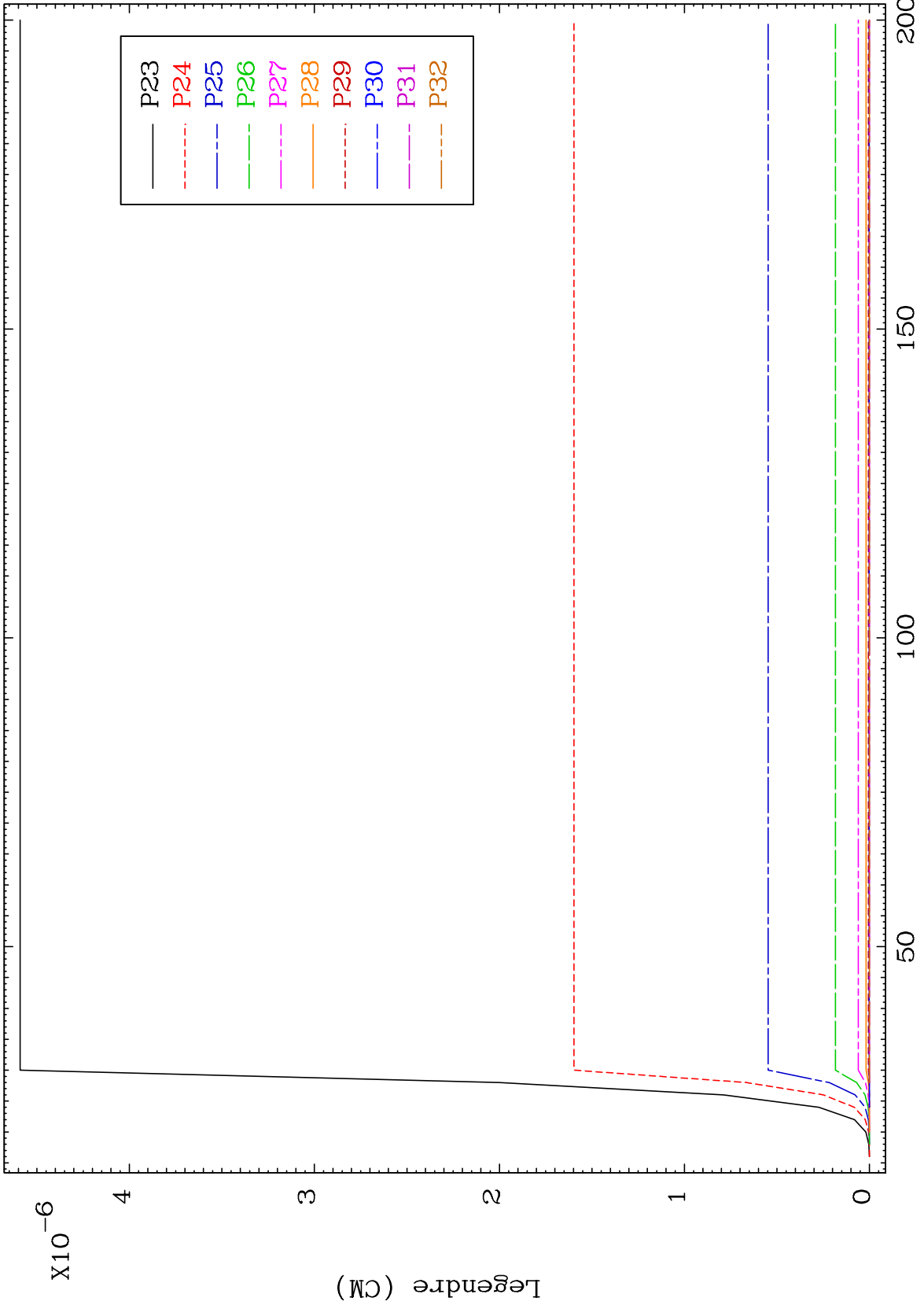
Incident Energy (MeV)

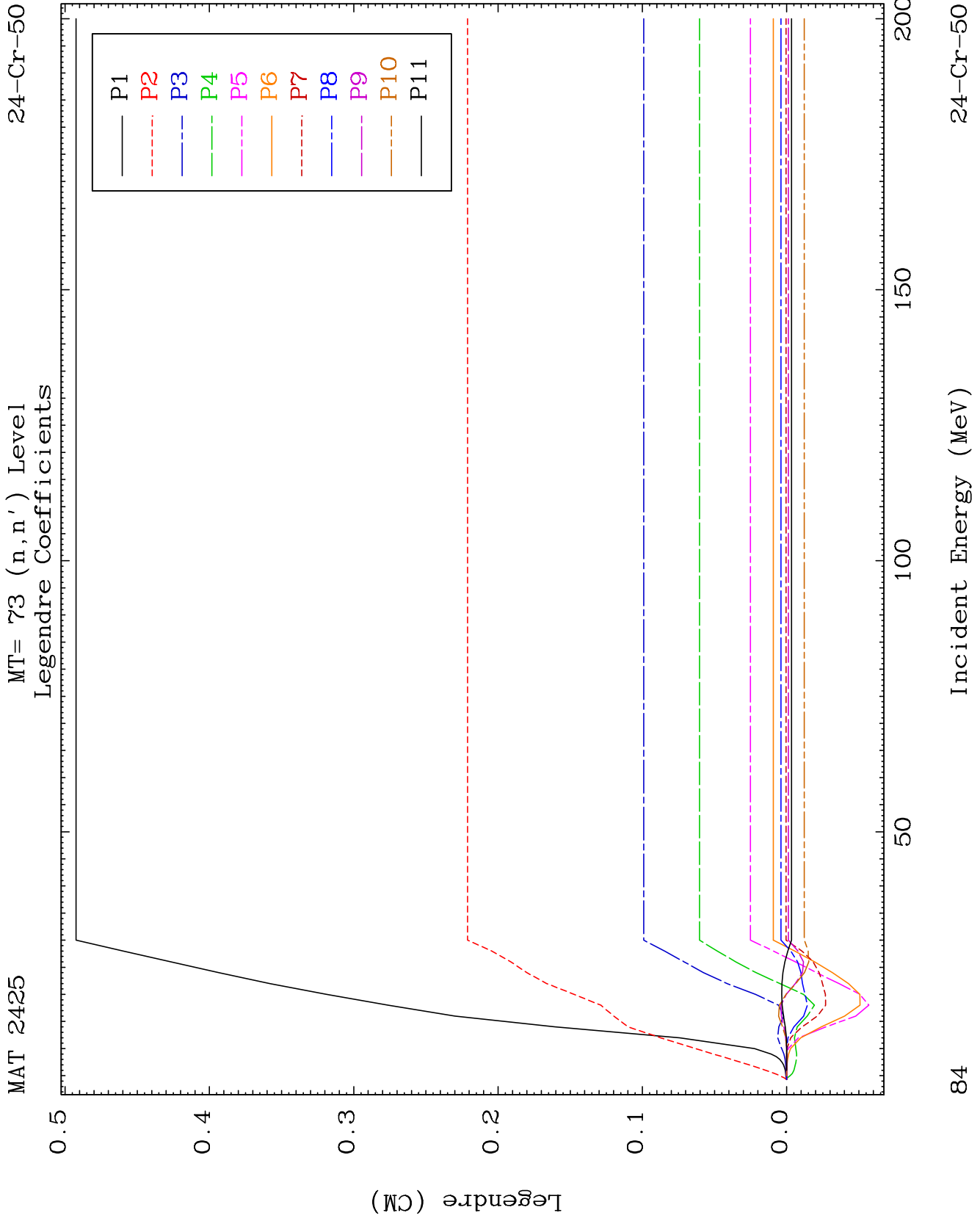
24-Cr-50

MAT 2425

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

24-Cr-50

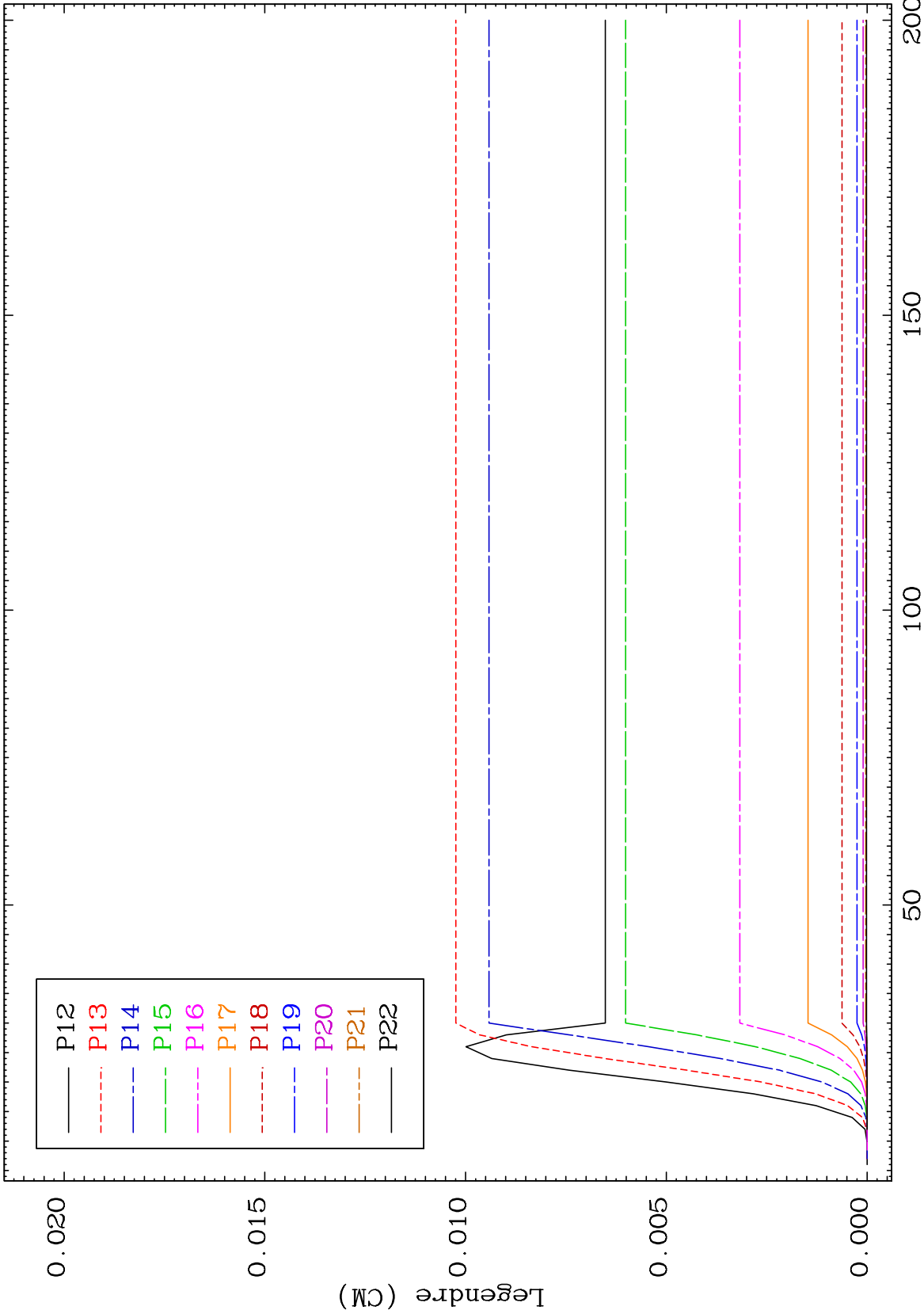




MAT 2425

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

24-Cr-50



85

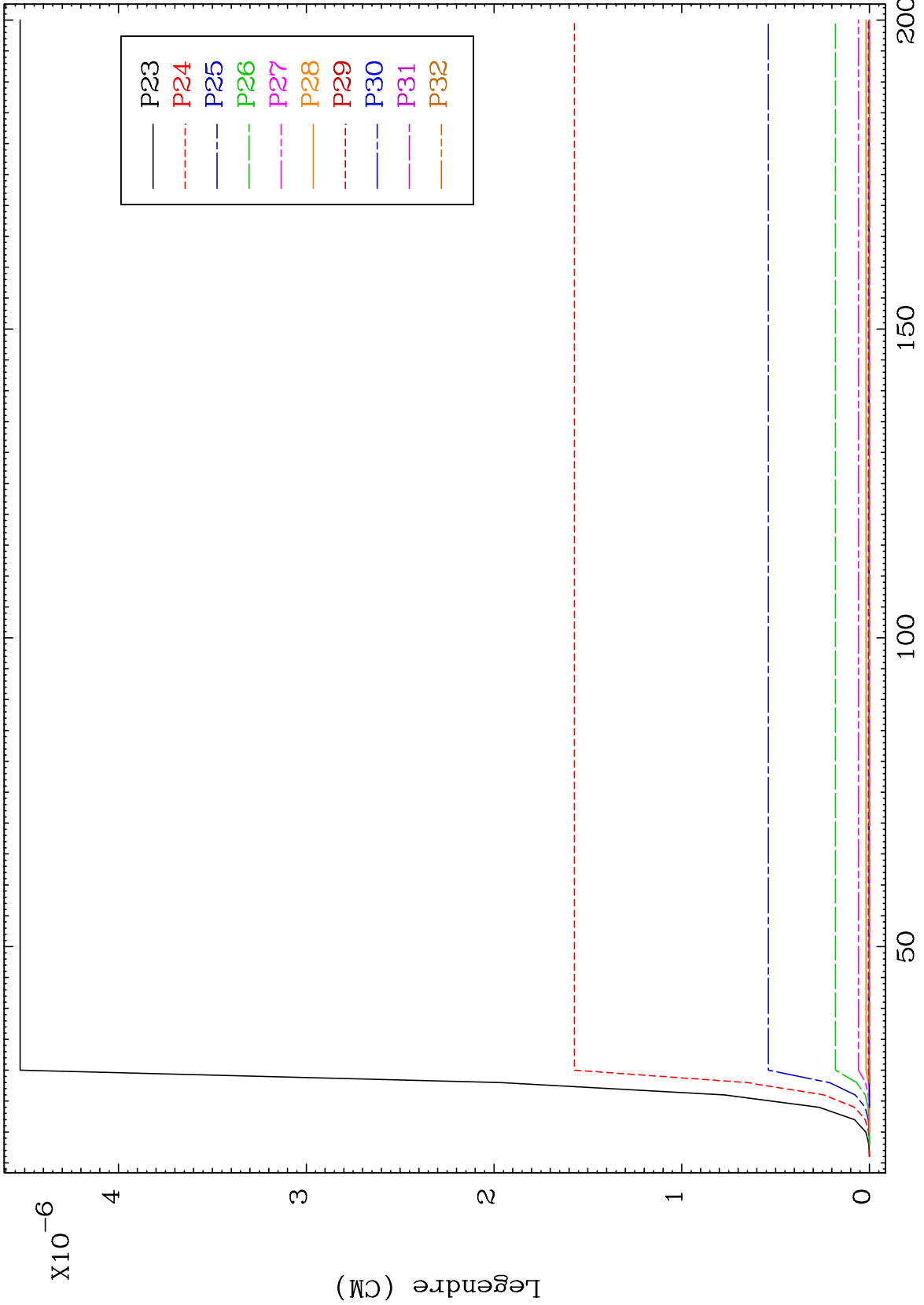
Incident Energy (MeV)

24-Cr-50

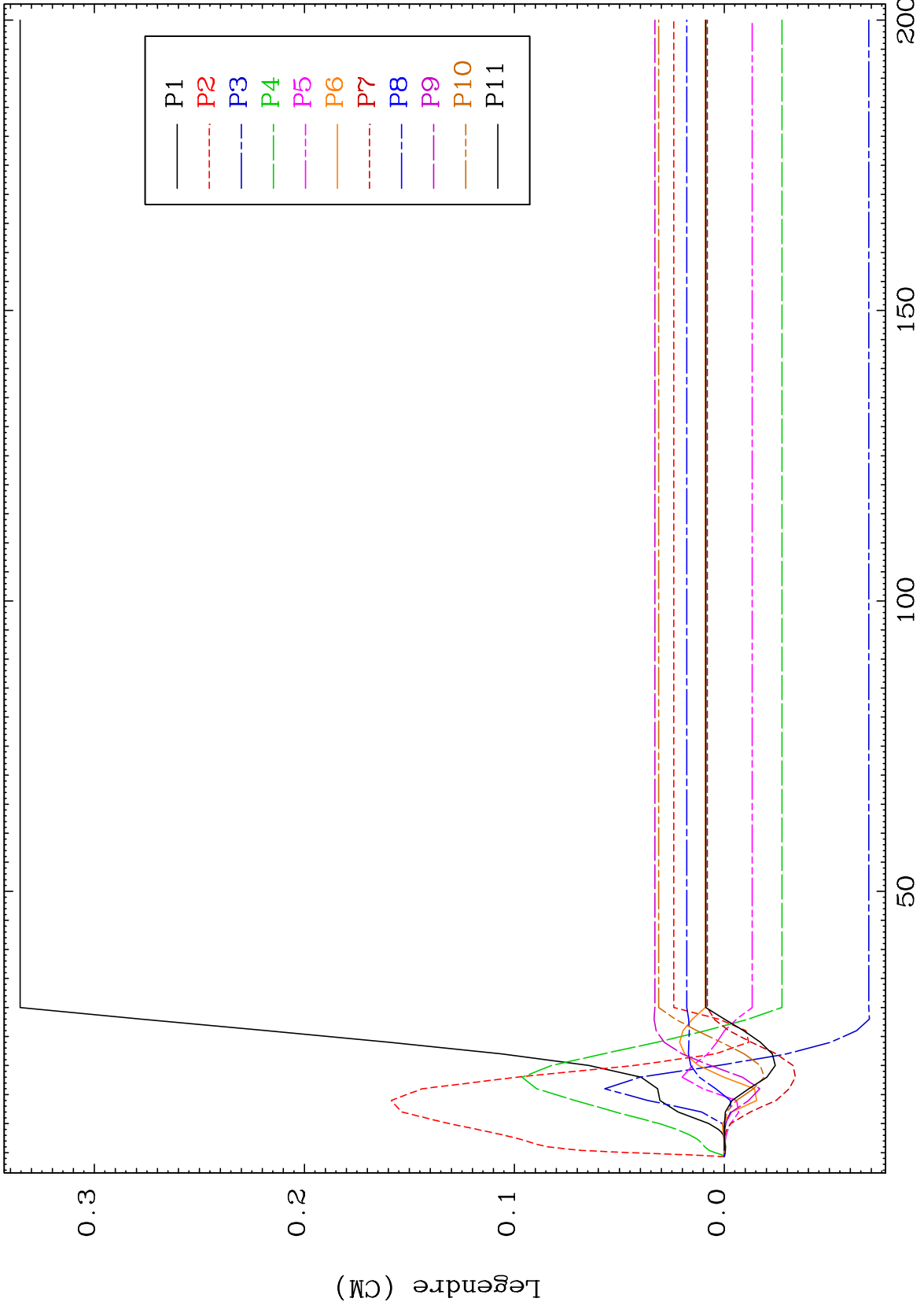
MAT 2425

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

24-Cr-50



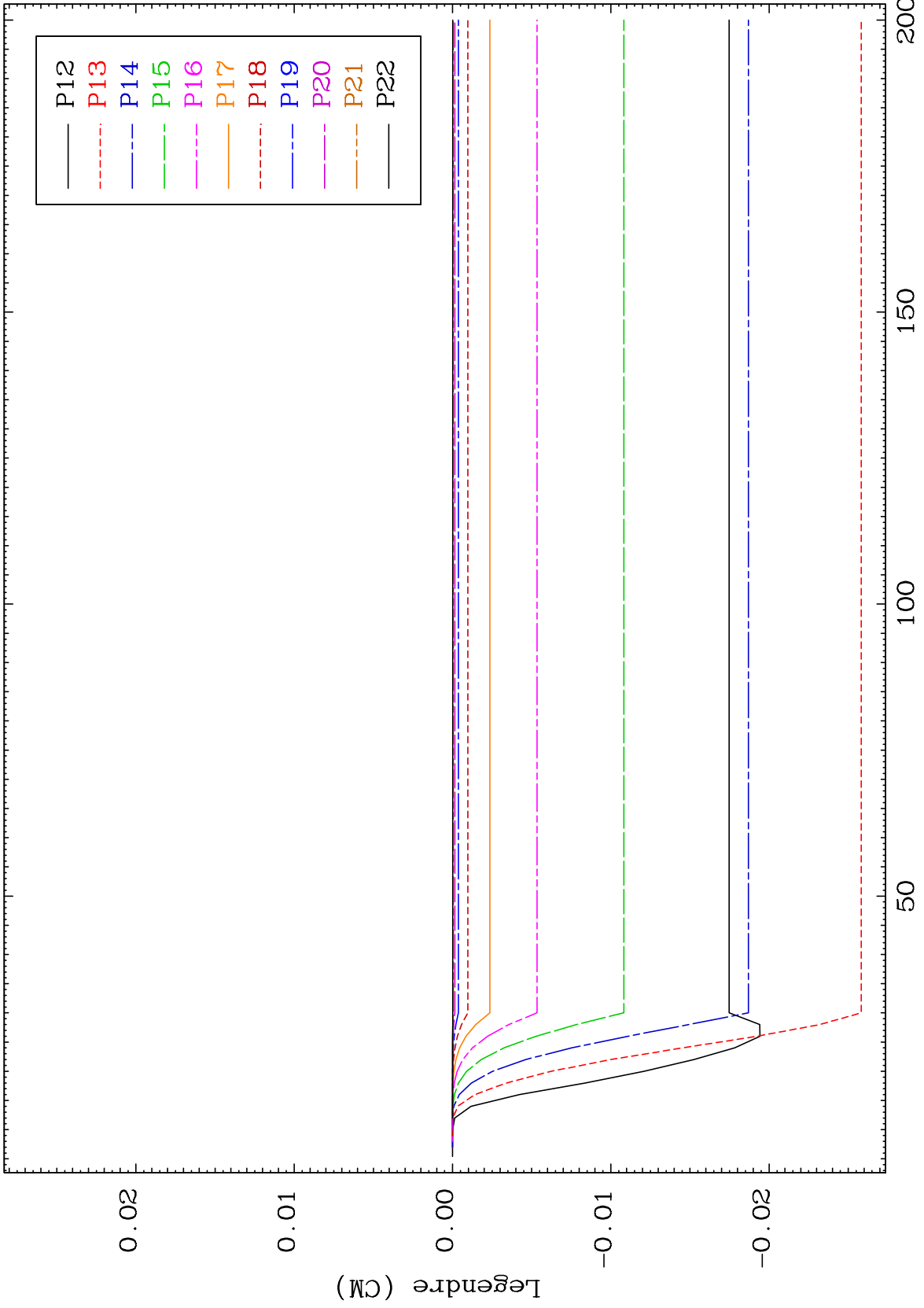
MAT 2425 MT= 74 (n,n') Level Legendre Coefficients 24-Cr-50



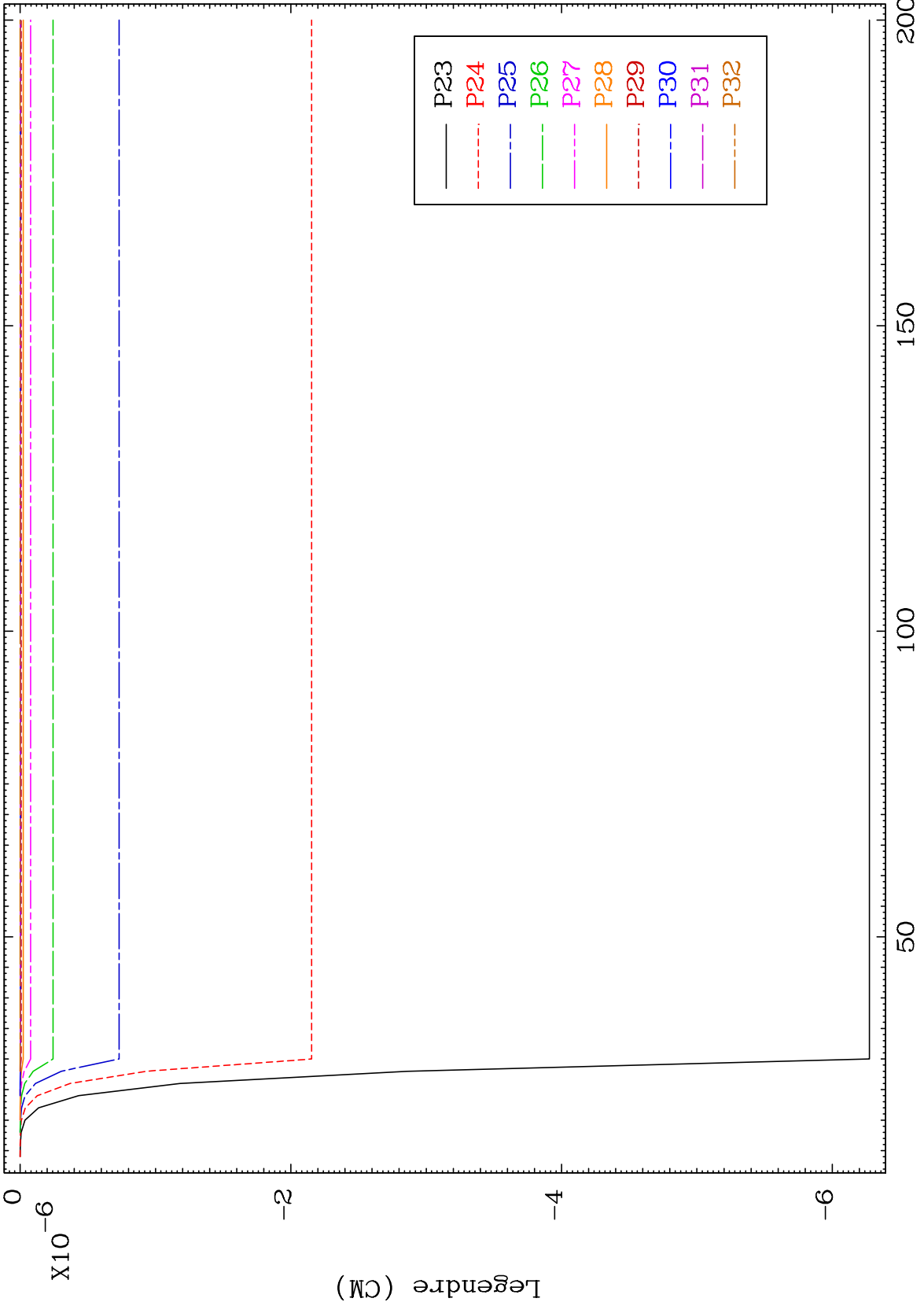
MAT 2425

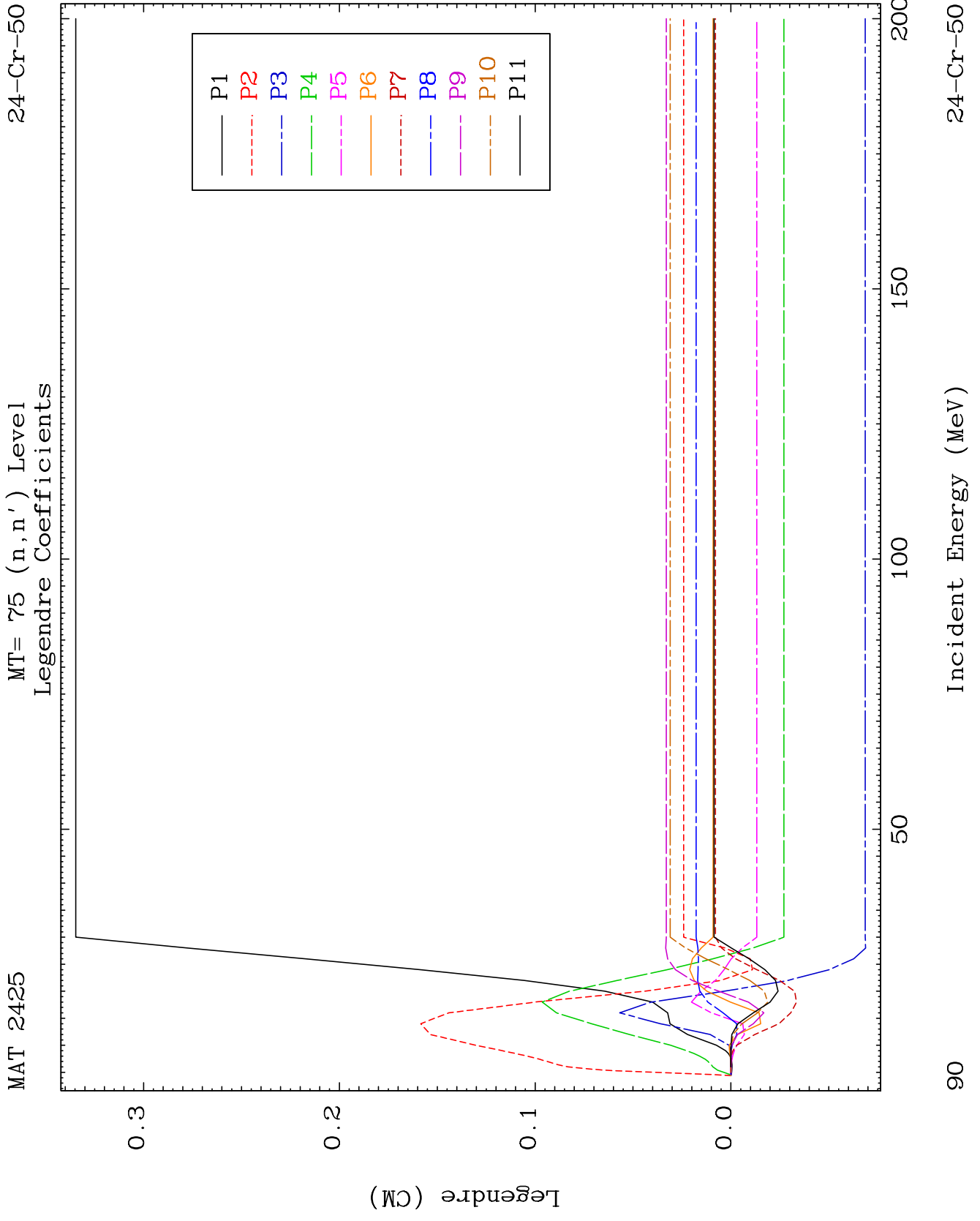
MT= 74 (n,n') Level
Legendre Coefficients

24-Cr-50



MAT 2425 MT= 74 (n,n') Level Legendre Coefficients 24-Cr-50

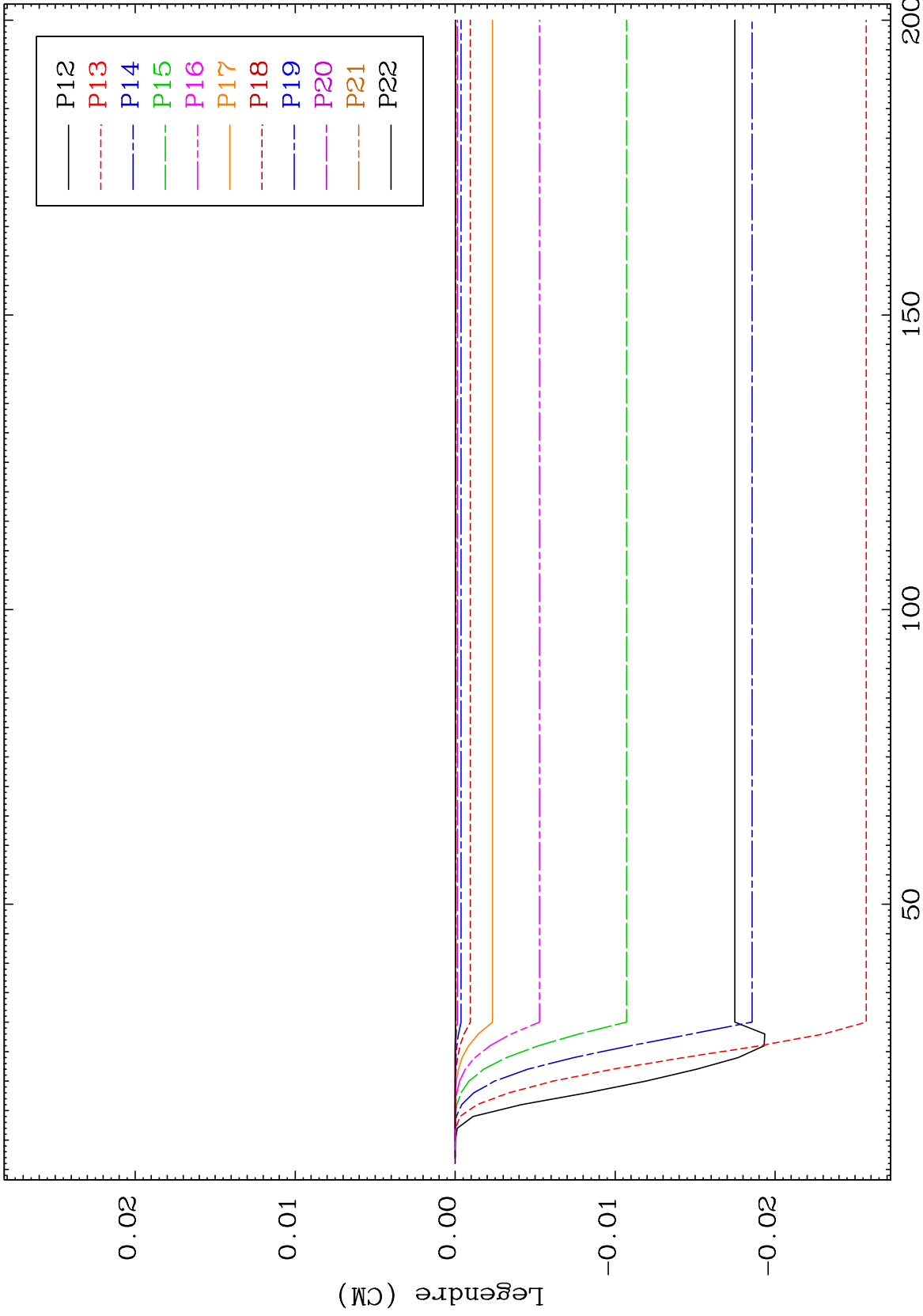




MAT 2425

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

24-Cr-50

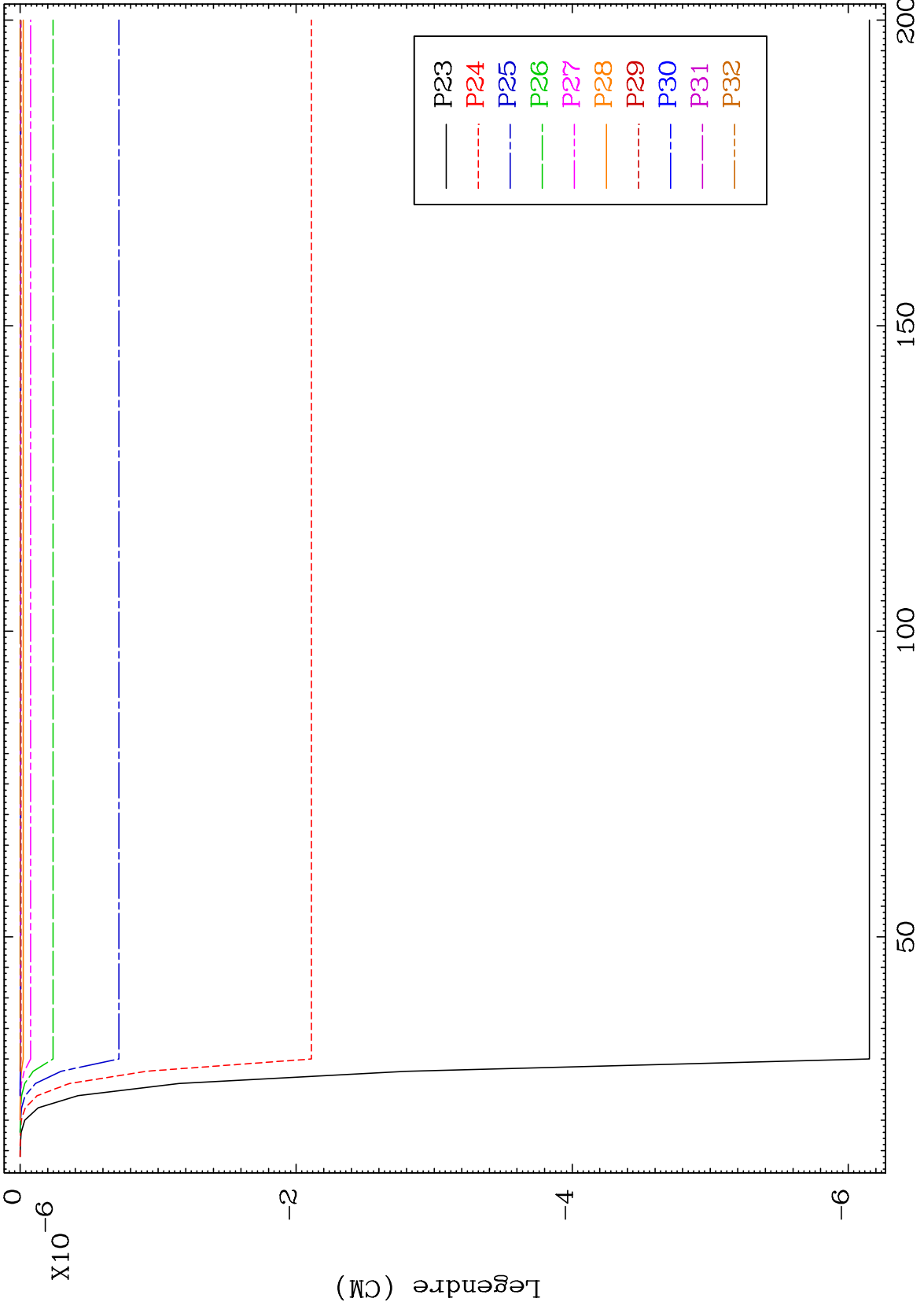


91

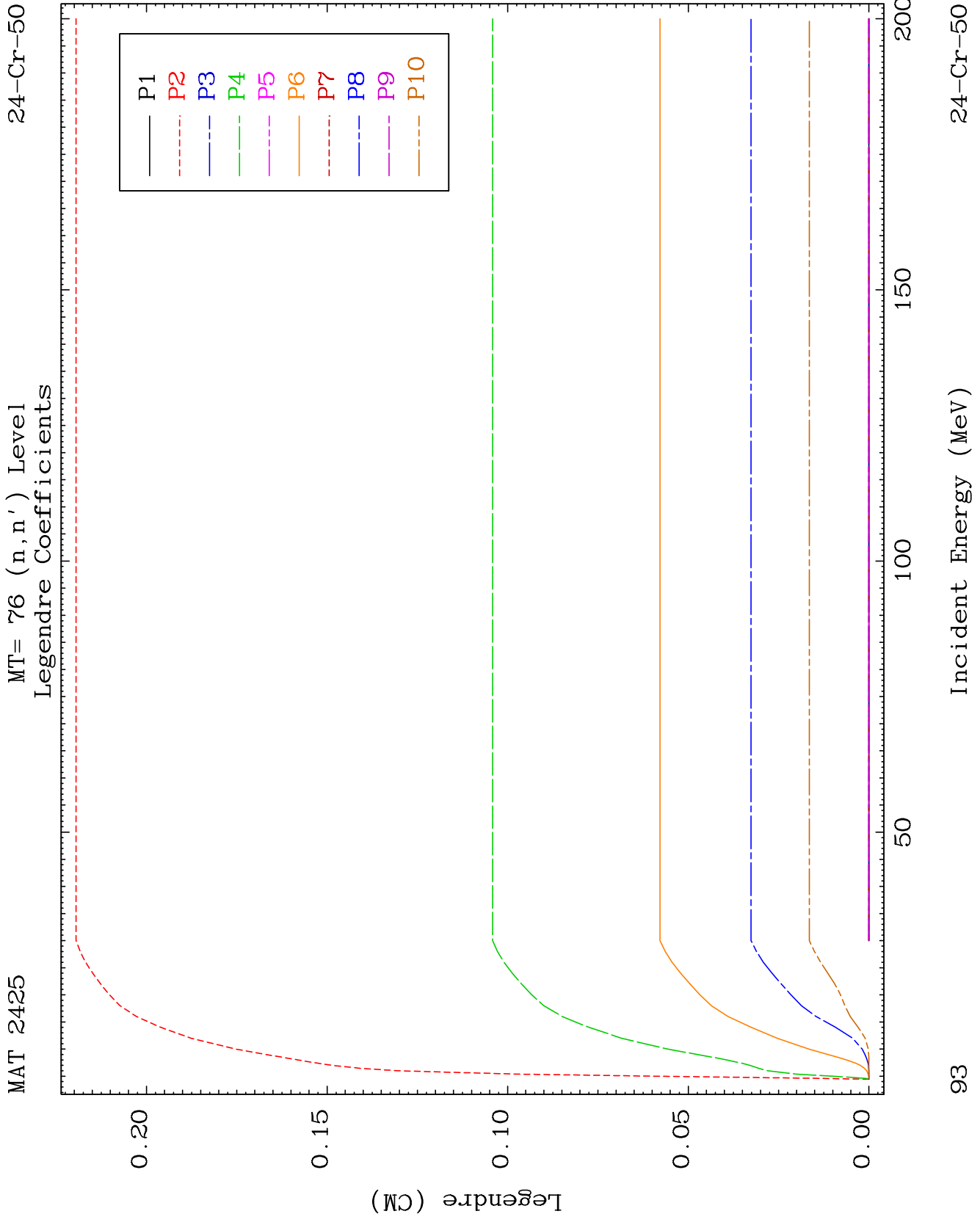
Incident Energy (MeV)

24-Cr-50

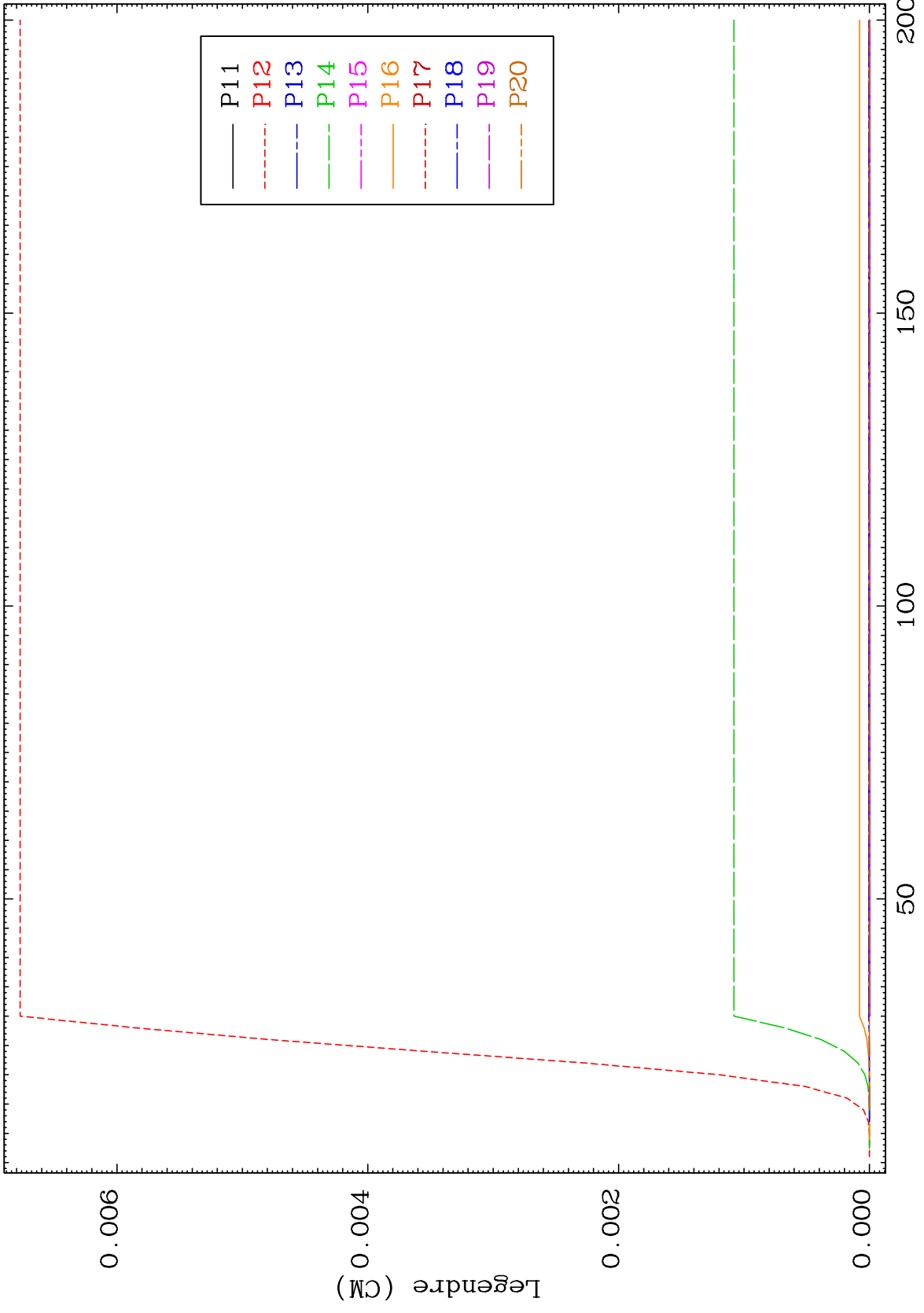
MAT 2425 MT= 75 (n,n') Level Legendre Coefficients 24-Cr-50



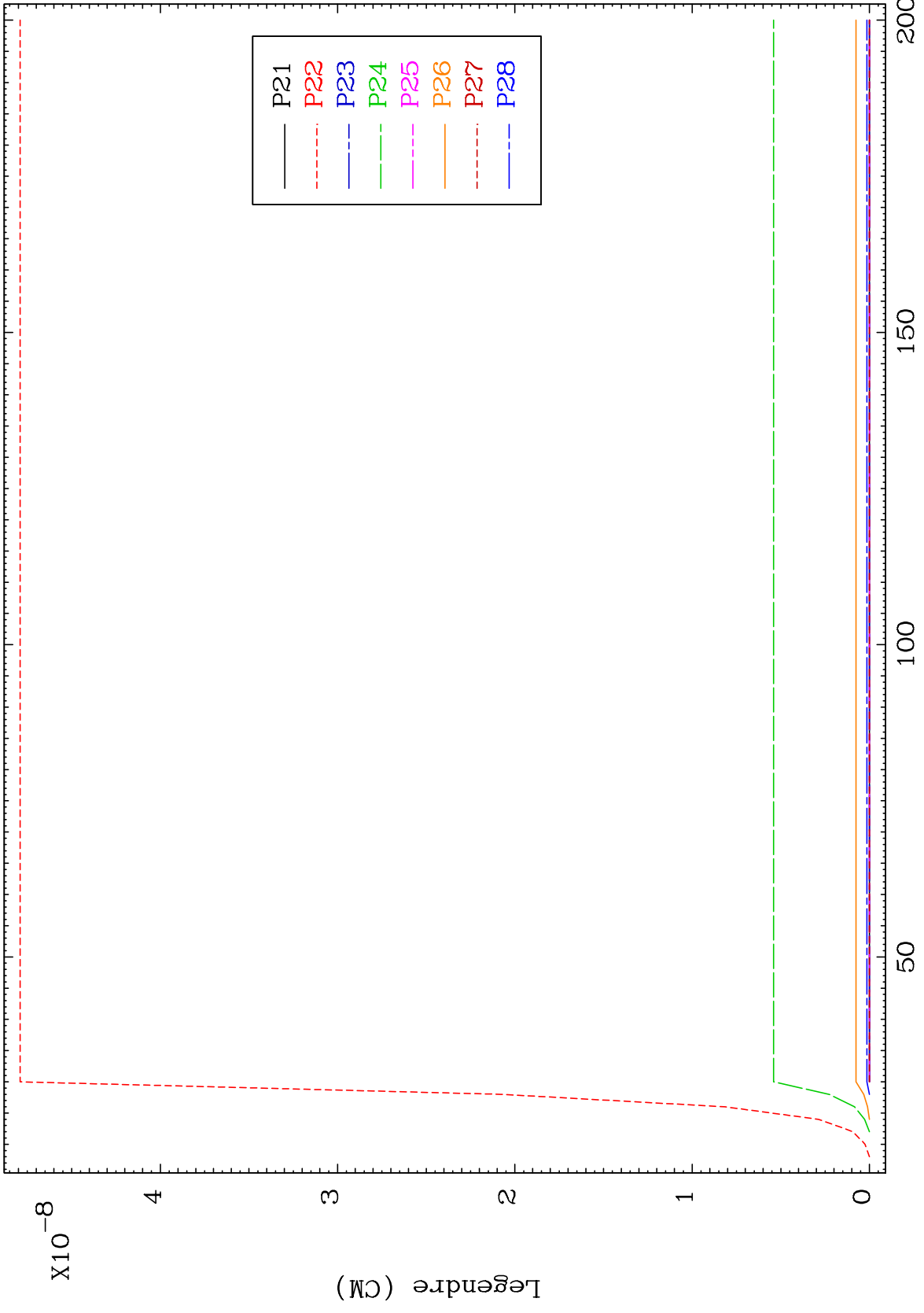
92 Incident Energy (MeV) 24-Cr-50



MAT 2425 MT= 76 (n,n') Level Legendre Coefficients 24-Cr-50

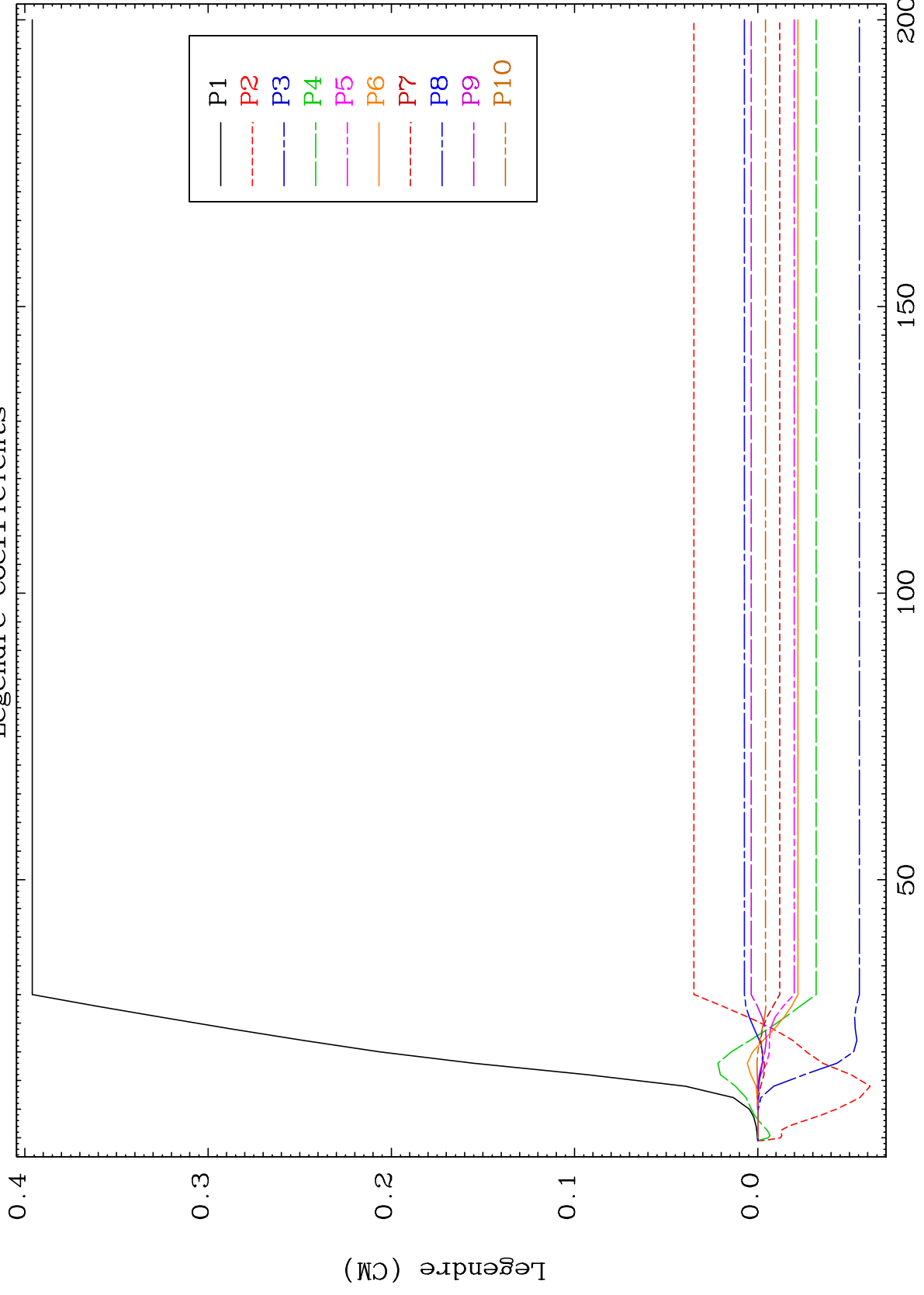


MAT 2425 MT= 76 (n,n') Level Legendre Coefficients 24-Cr-50

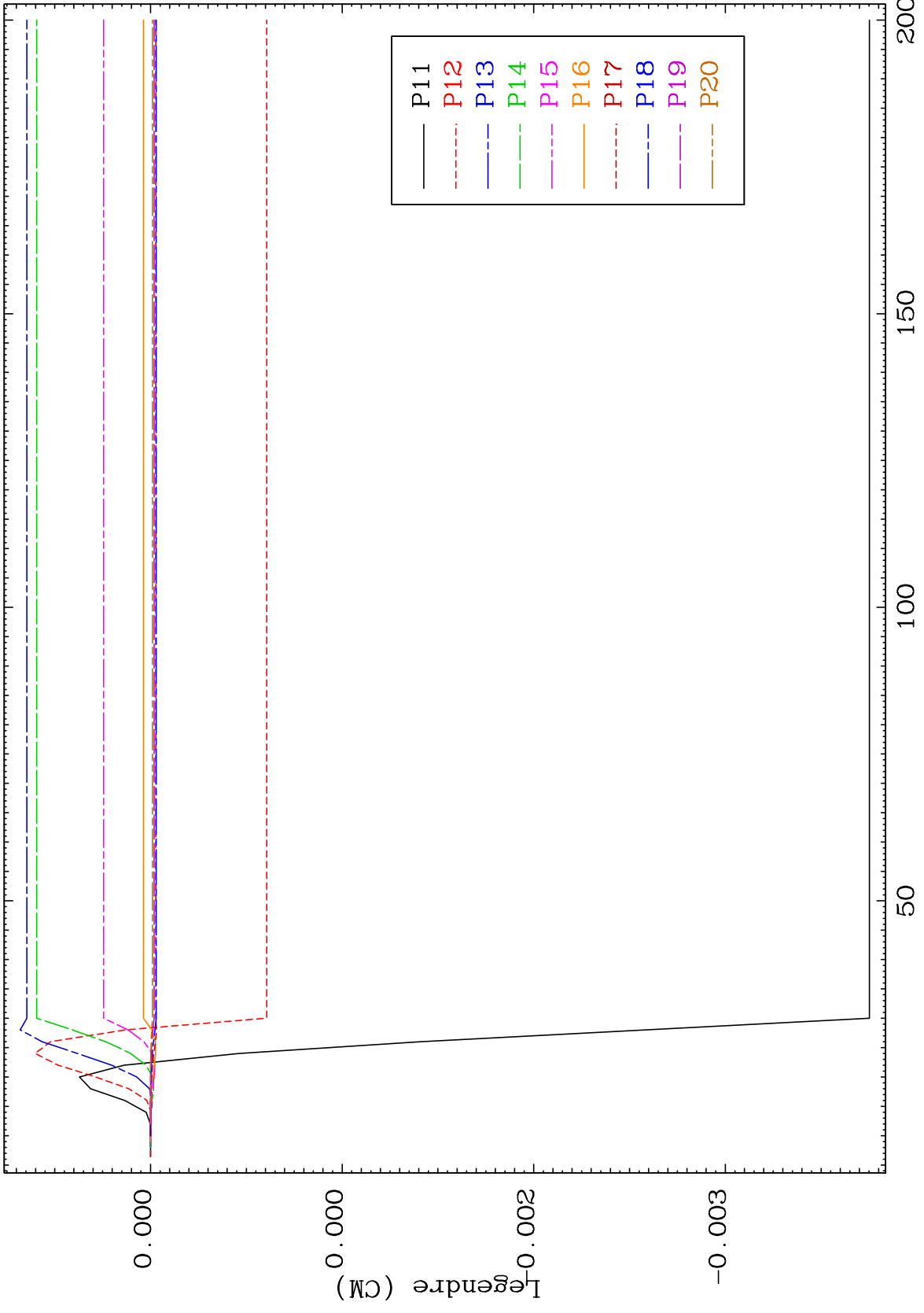


24-Cr-50

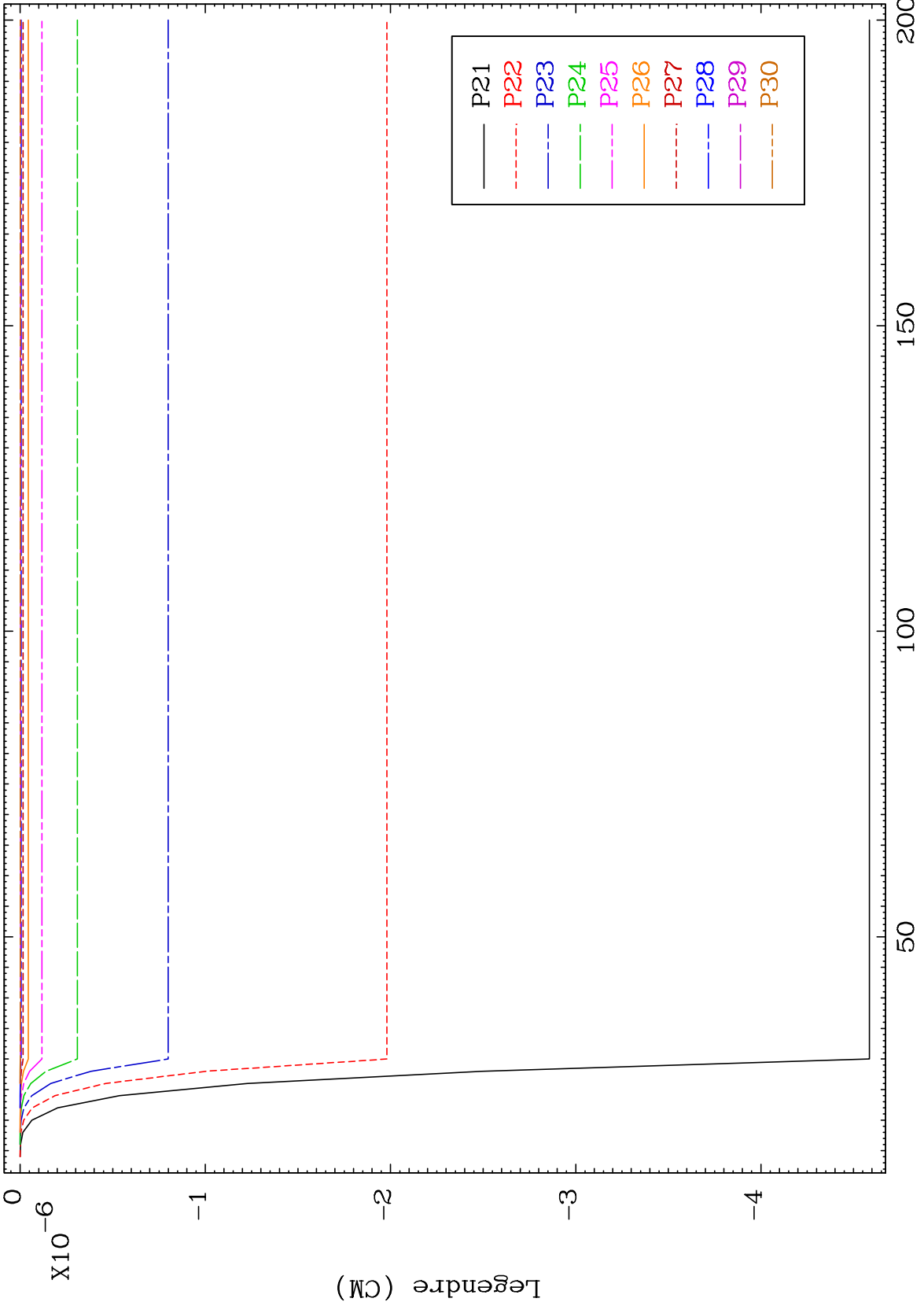
MAT 2425 MT= 77 (n,n') Level Legendre Coefficients 24-Cr-50



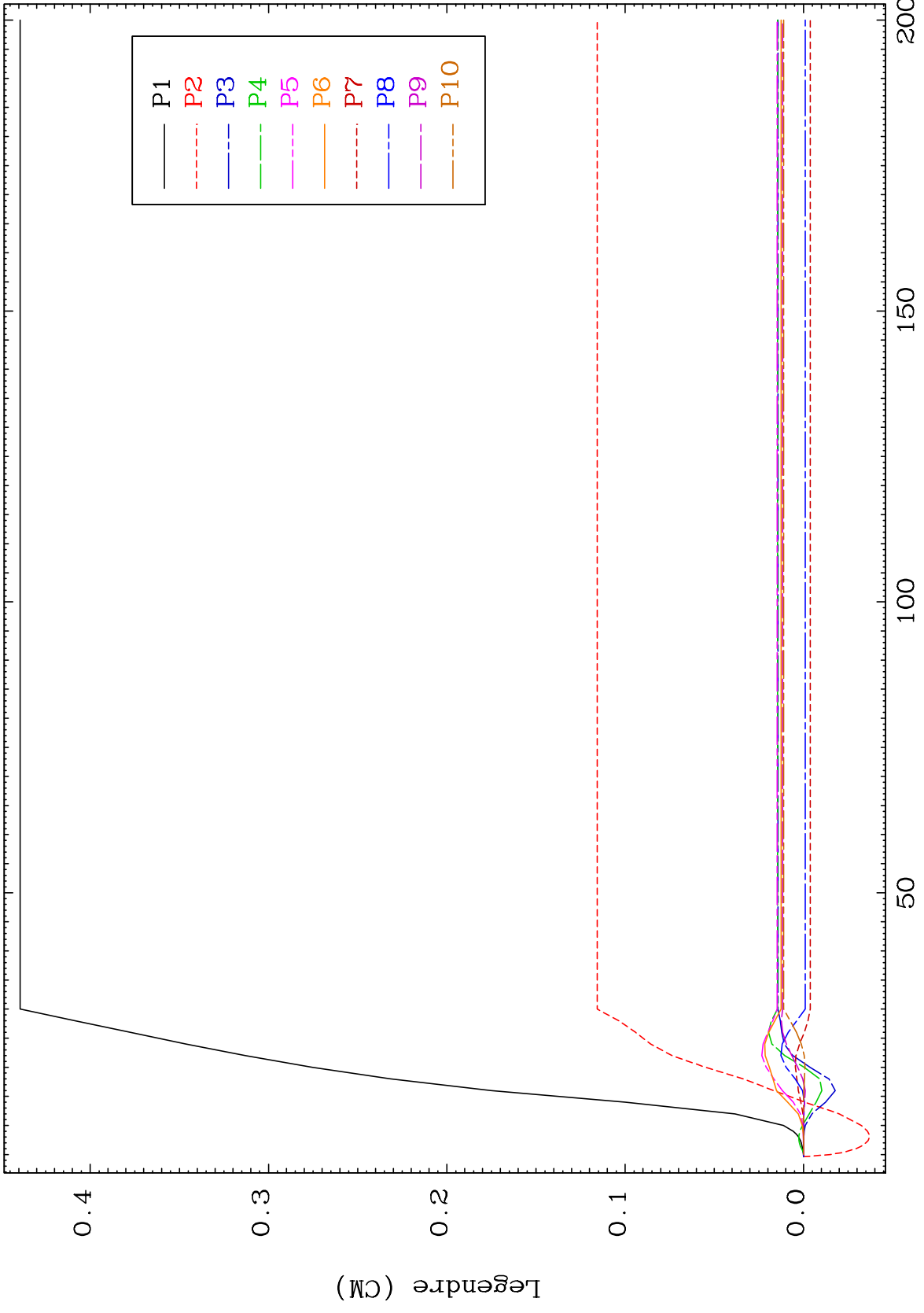
MAT 2425 MT= 77 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425 MT= 77 (n,n') Level Legendre Coefficients 24-Cr-50

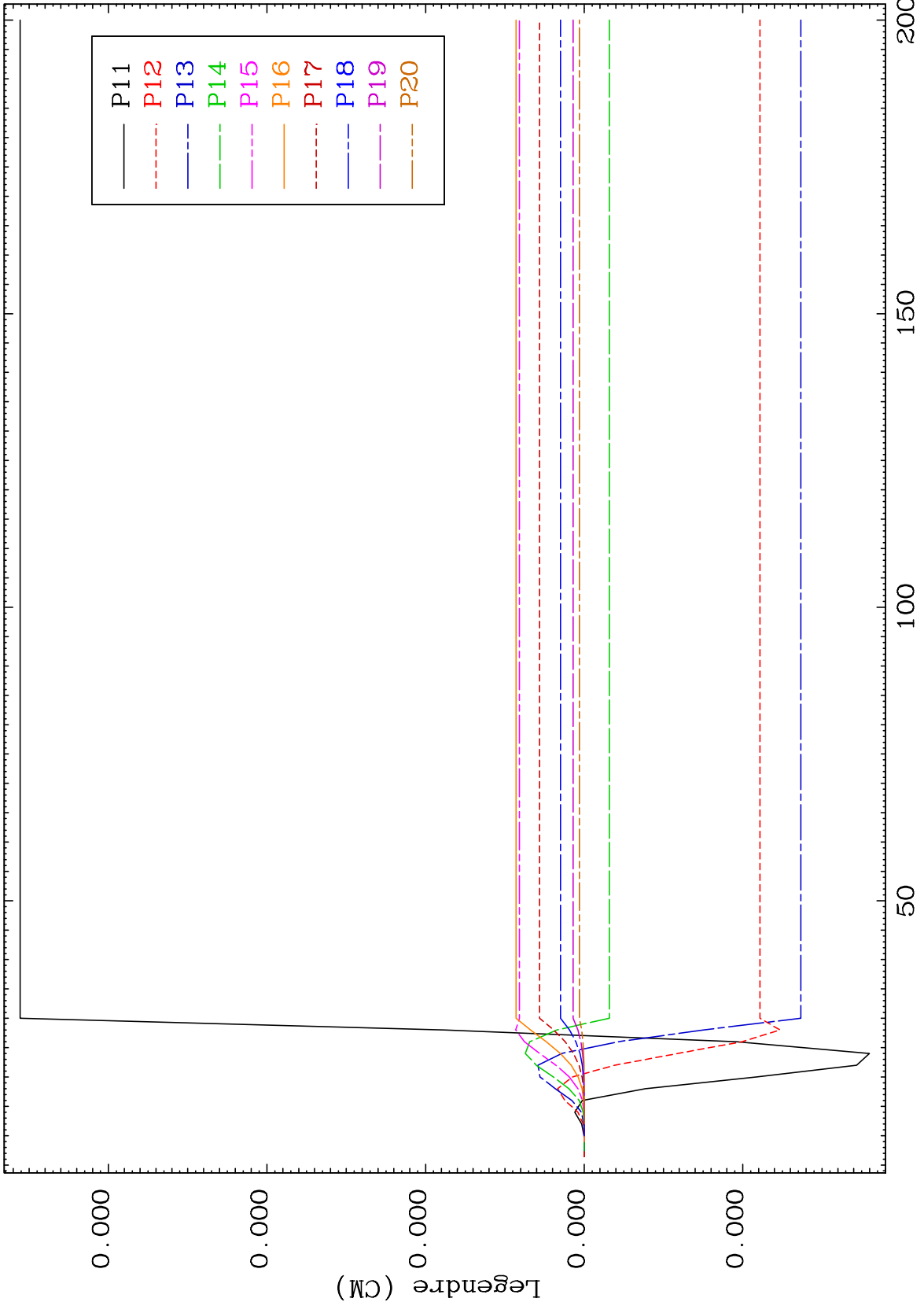


MAT 2425 MT= 78 (n,n') Level Legendre Coefficients 24-Cr-50



99 24-Cr-50

MAT 2425 MT= 78 (n,n') Level Legendre Coefficients 24-Cr-50

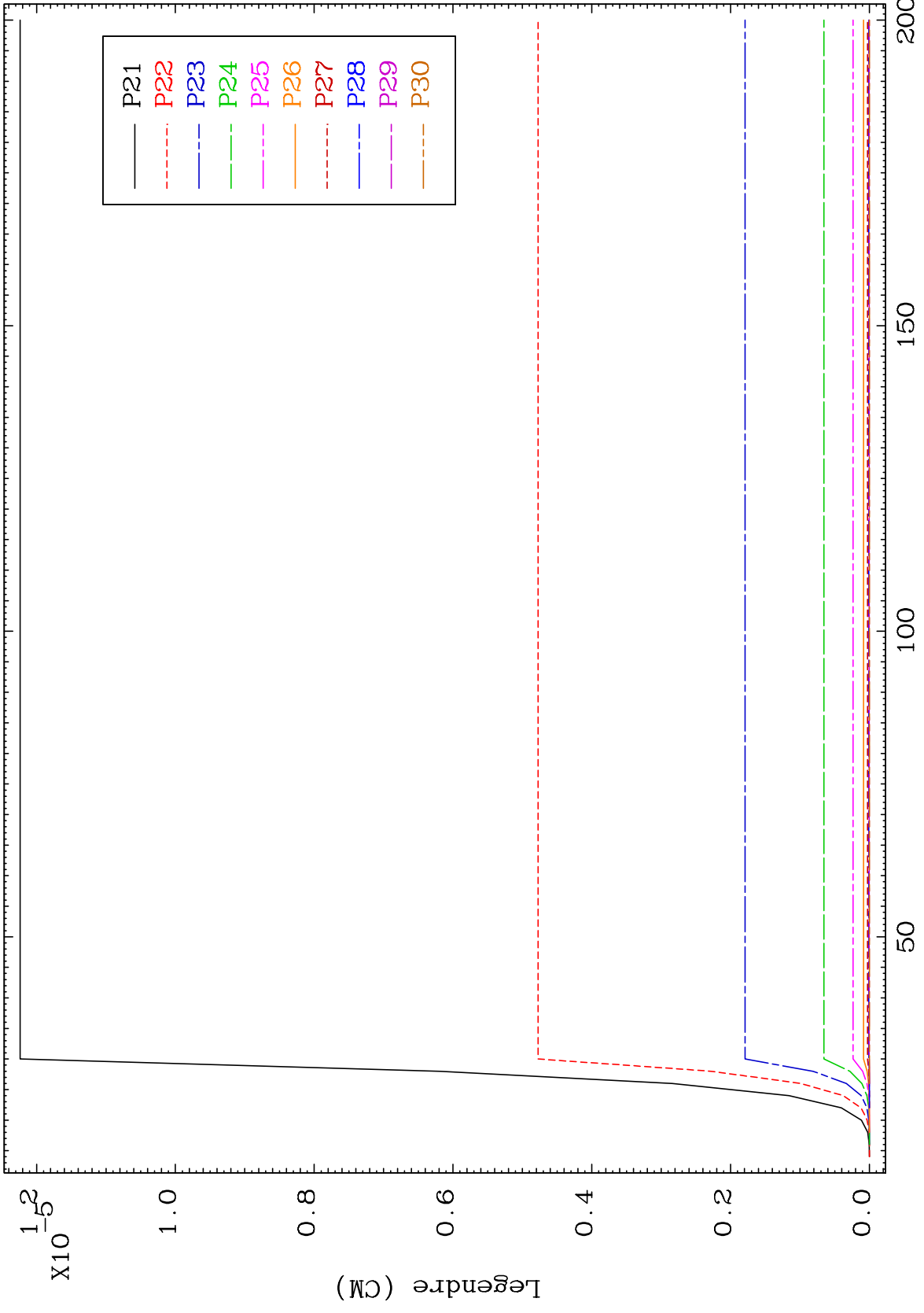


24-Cr-50

MAT 2425

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

24-Cr-50



101

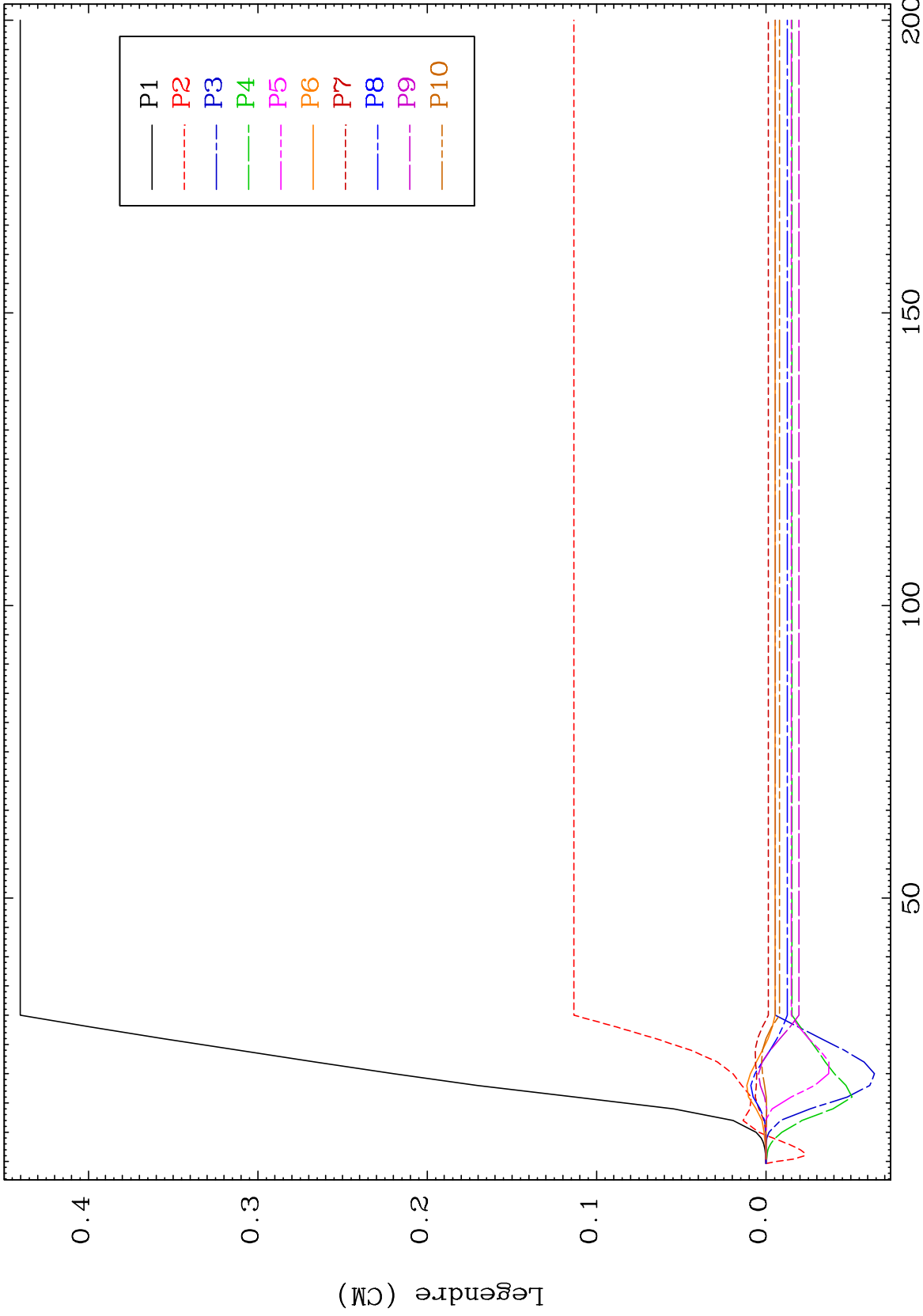
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50



102

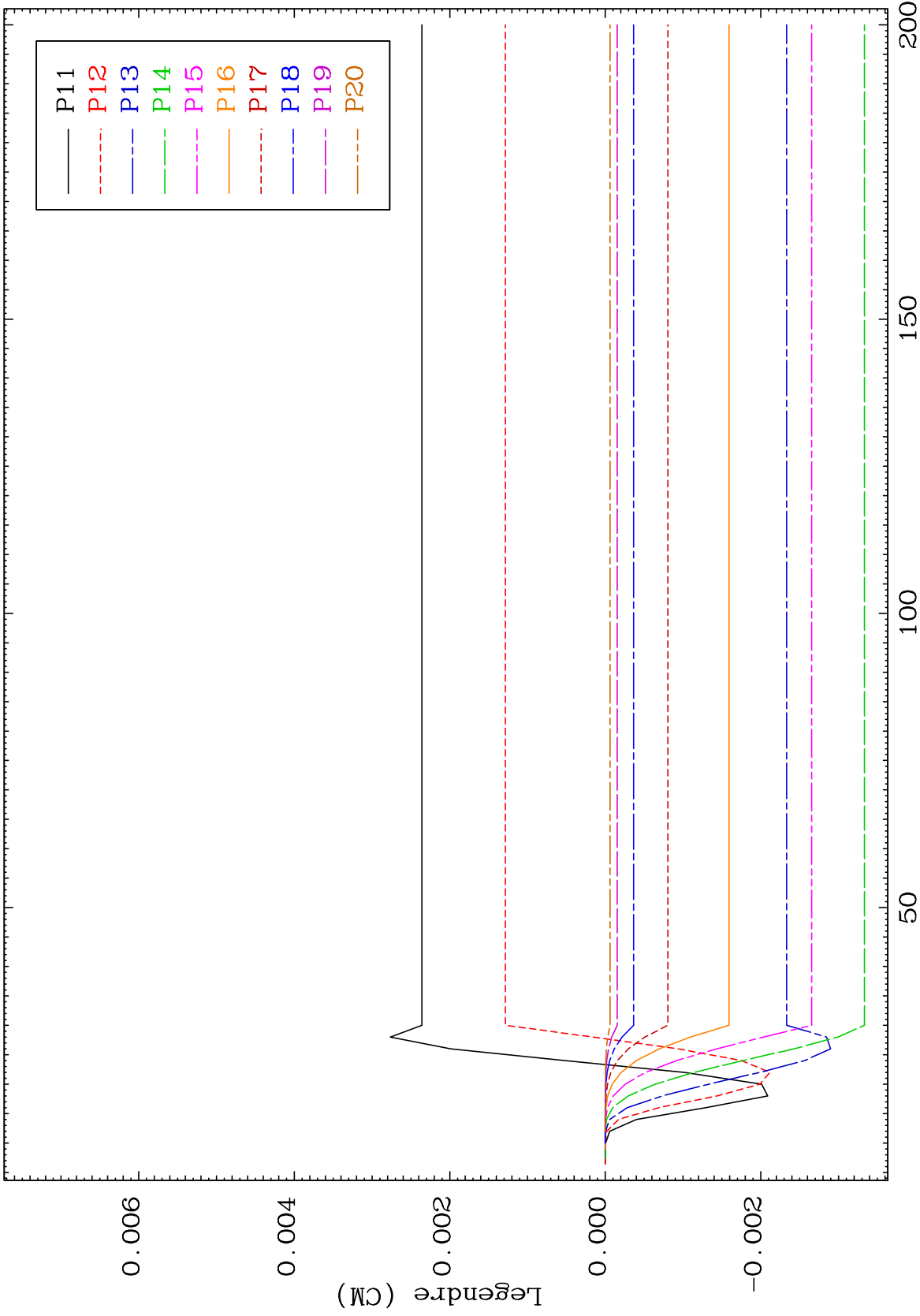
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

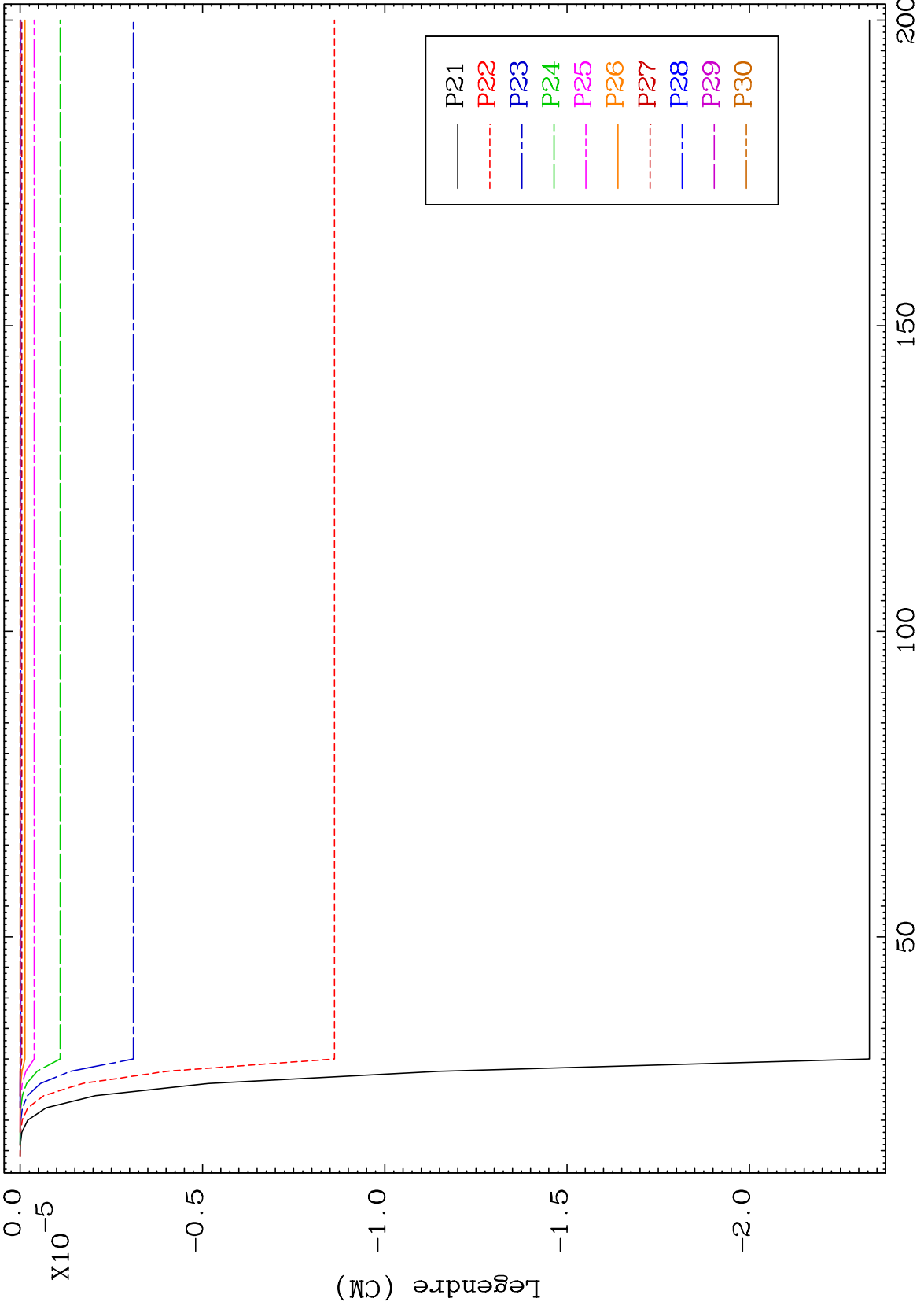


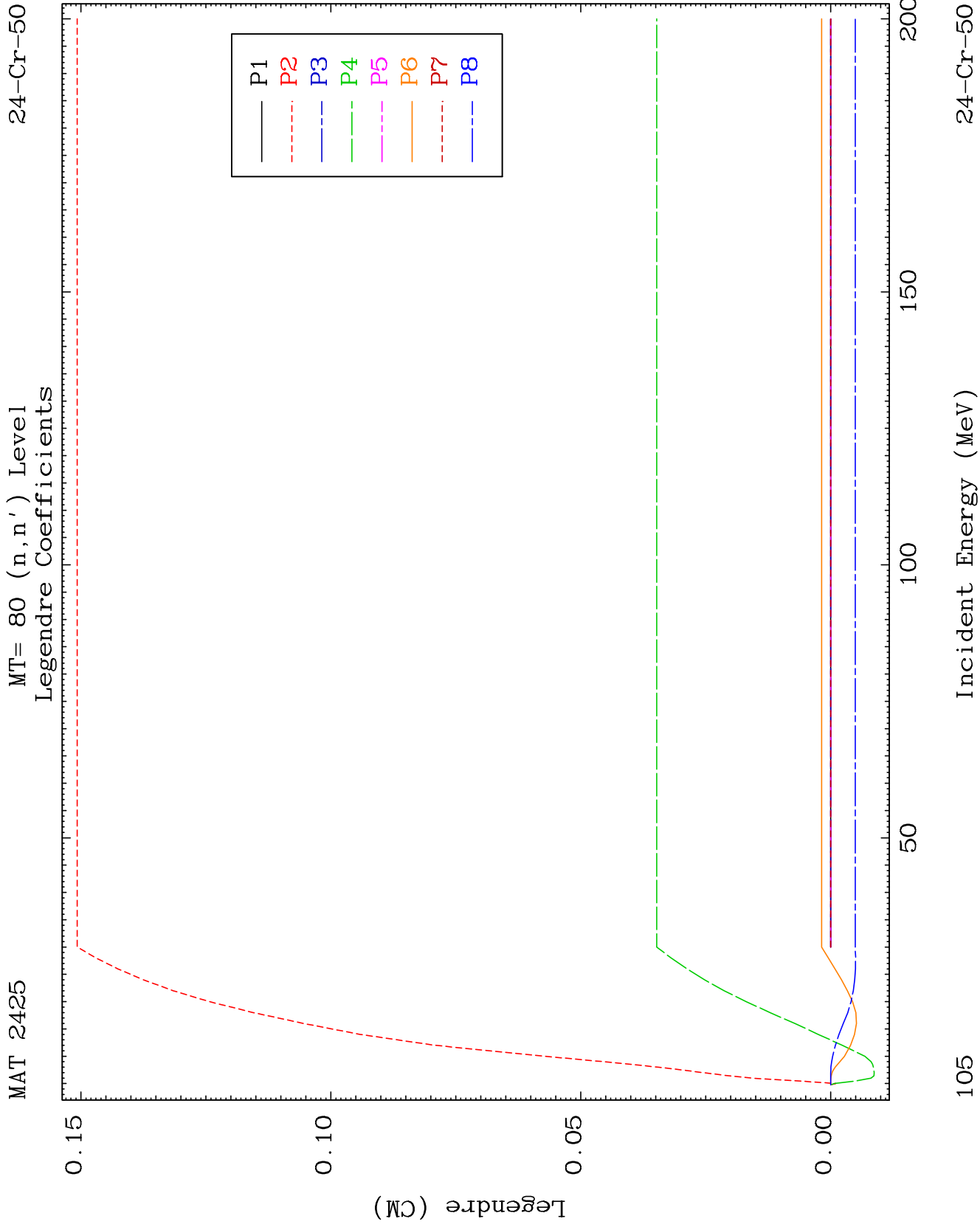
103

Incident Energy (MeV)

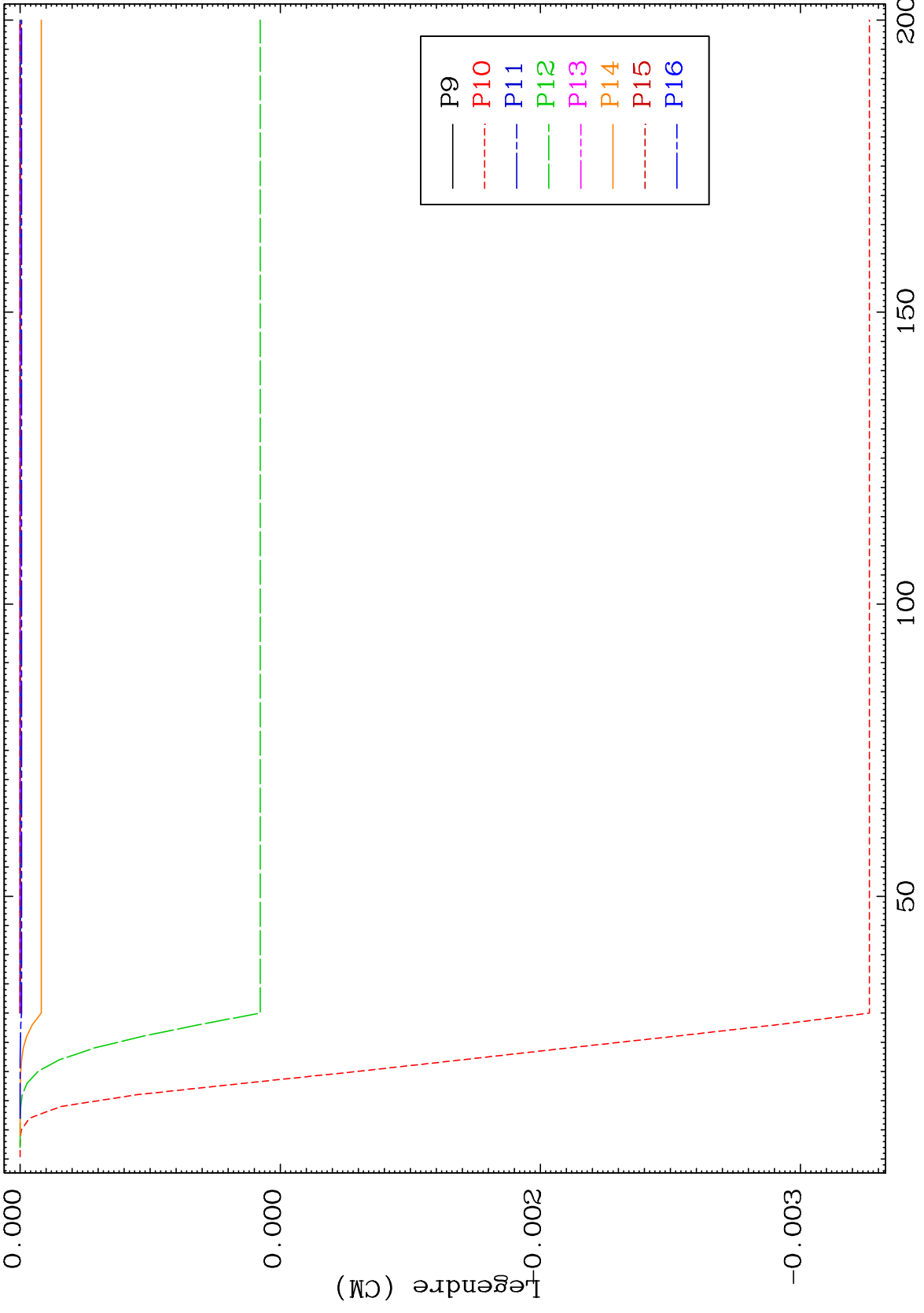
24-Cr-50

MAT 2425 MT= 79 (n,n') Level Legendre Coefficients 24-Cr-50



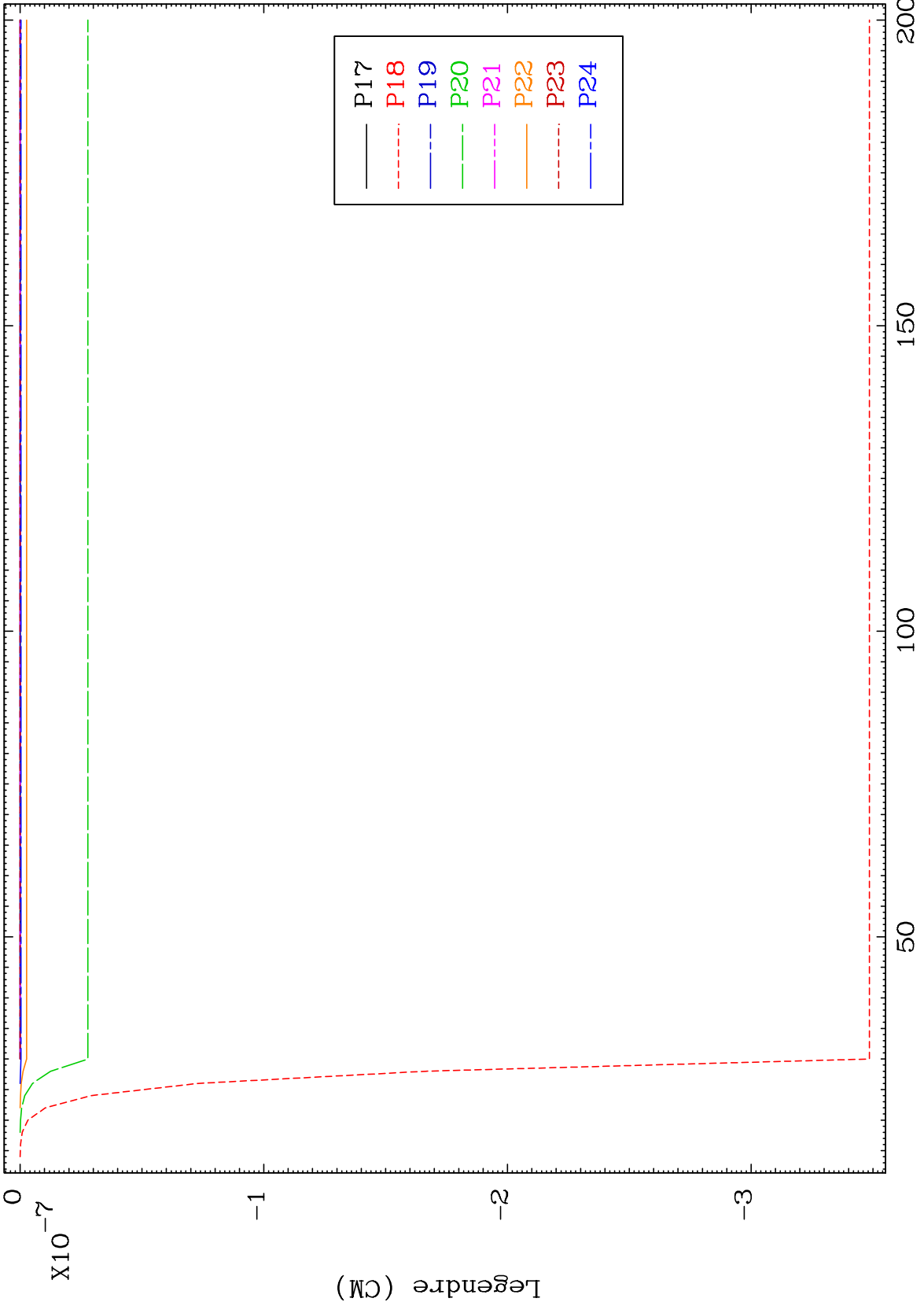


MAT 2425 MT= 80 (n,n') Level Legendre Coefficients 24-Cr-50



106 24-Cr-50

MAT 2425 MT= 80 (n,n') Level Legendre Coefficients 24-Cr-50



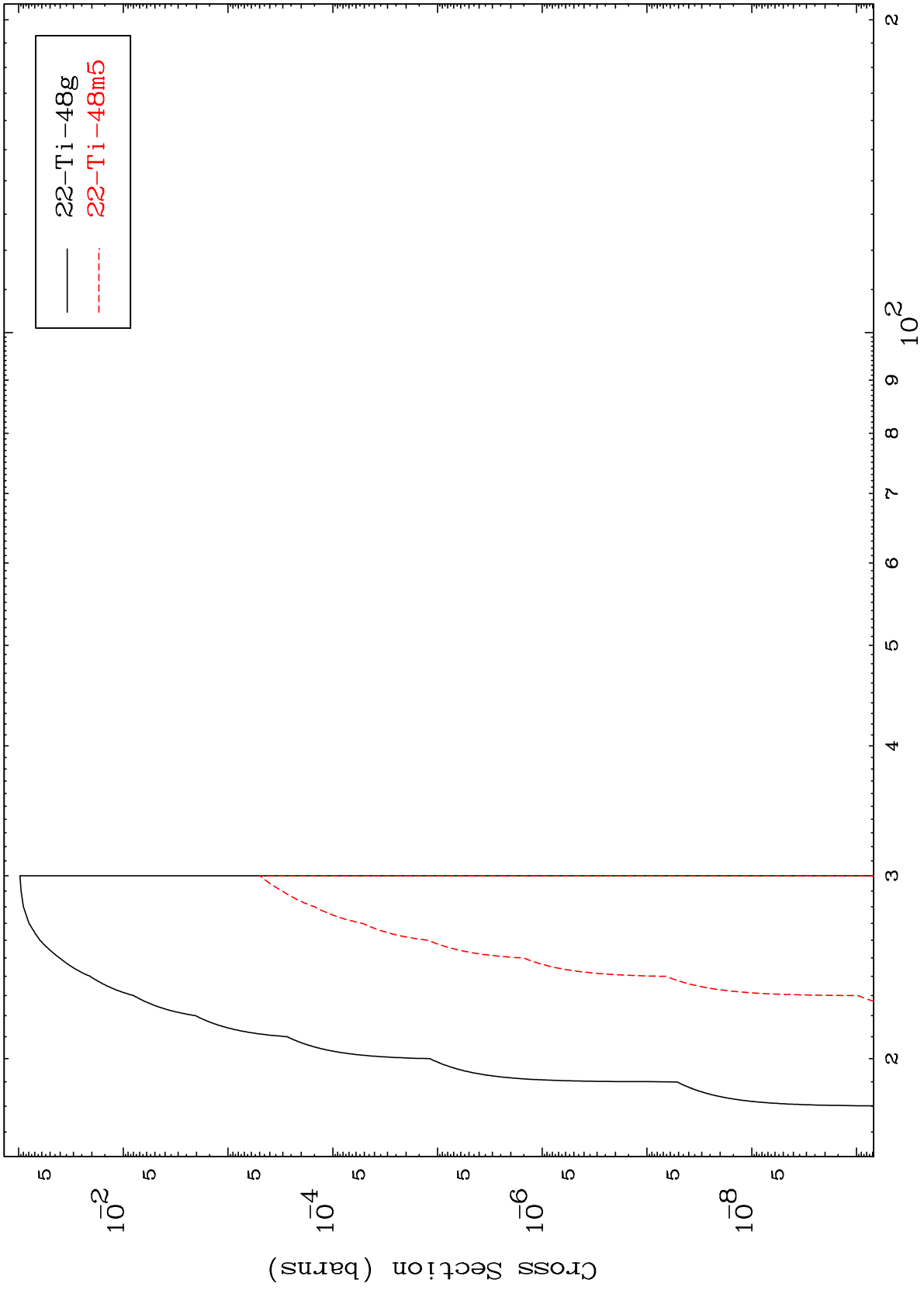
107 24-Cr-50

MAT 2425

(n,2n) p

²⁴Cr-50

Radionuclide Production Cross Section



108

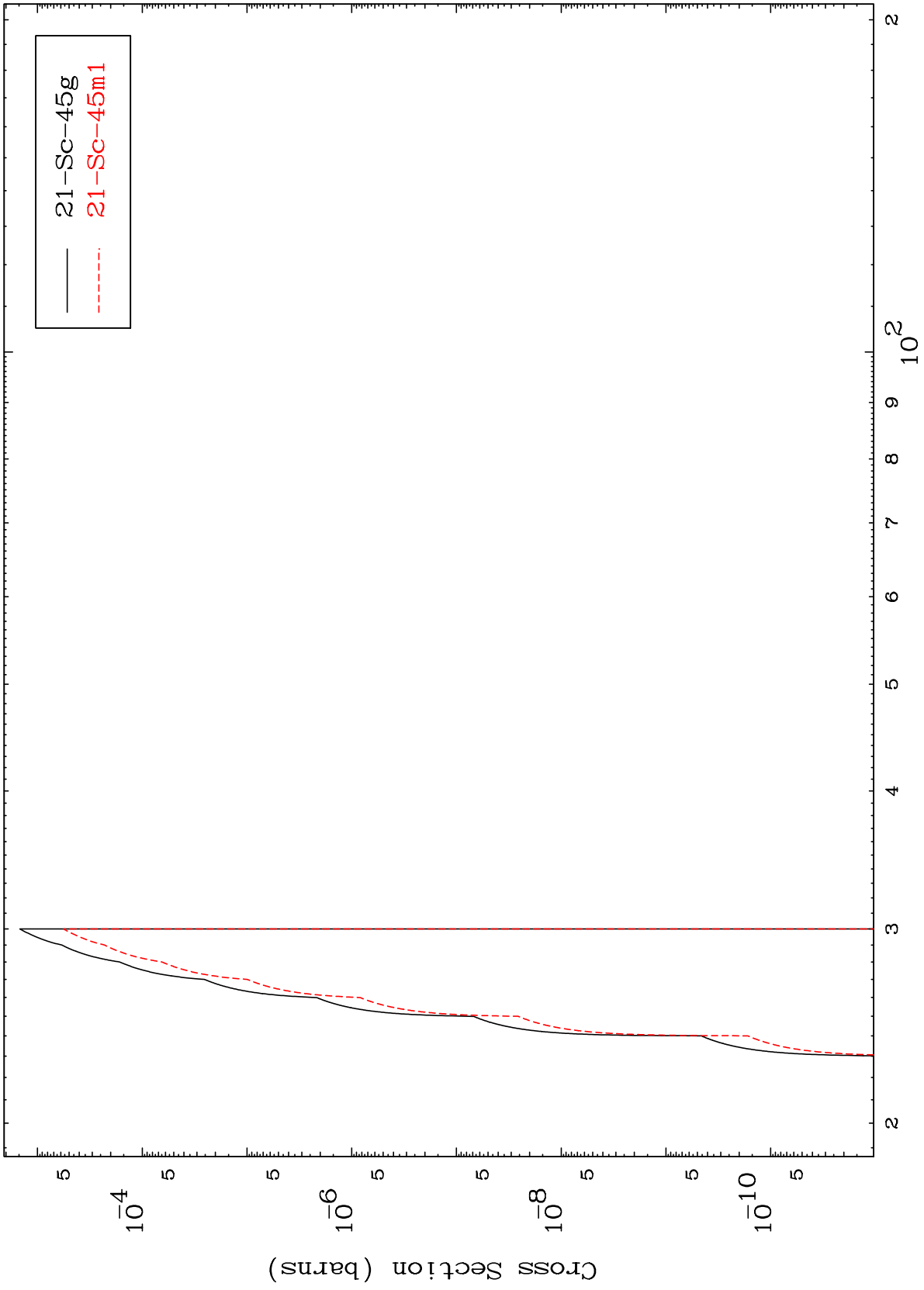
Incident Energy (MeV)

²⁴Cr-50

MAT 2425

24-Cr-50

(n,n') p α
Radionuclide Production Cross Section



109

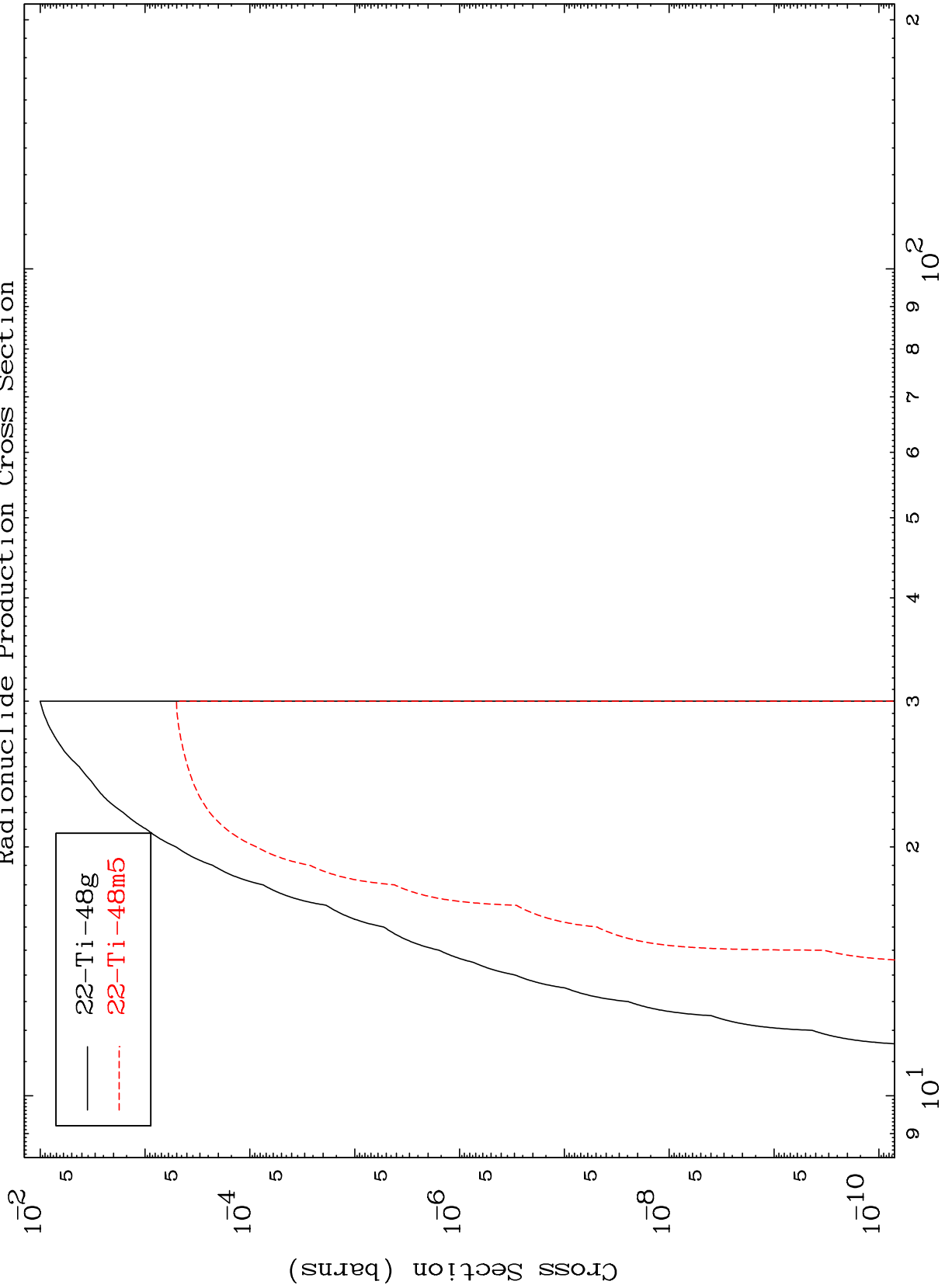
24-Cr-50

MAT 2425

(n, He-3)

24-Cr-50

Radionuclide Production Cross Section



110

Incident Energy (MeV)

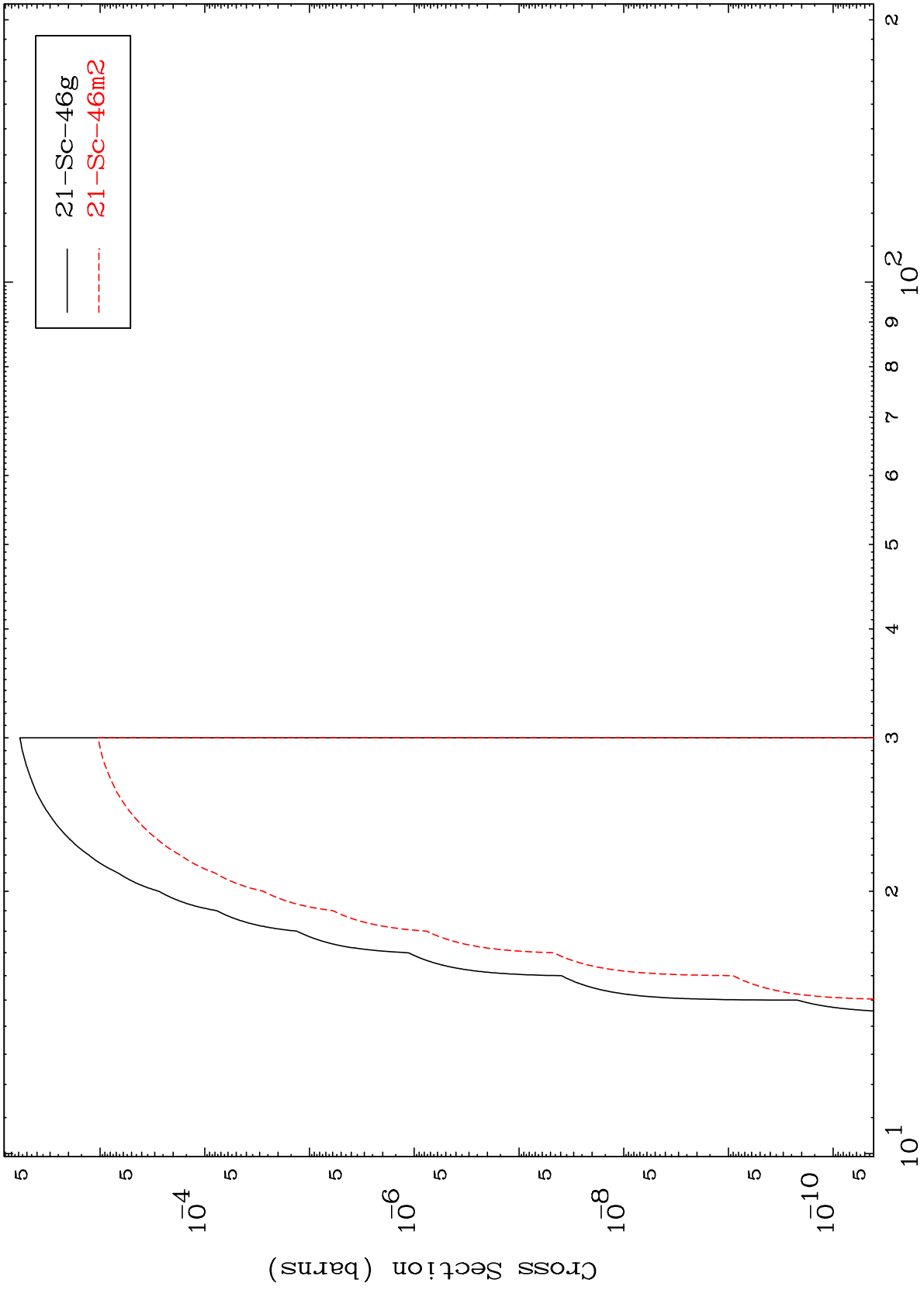
24-Cr-50

MAT 2425

(n,p) α

²⁴Cr-50

Radionuclide Production Cross Section

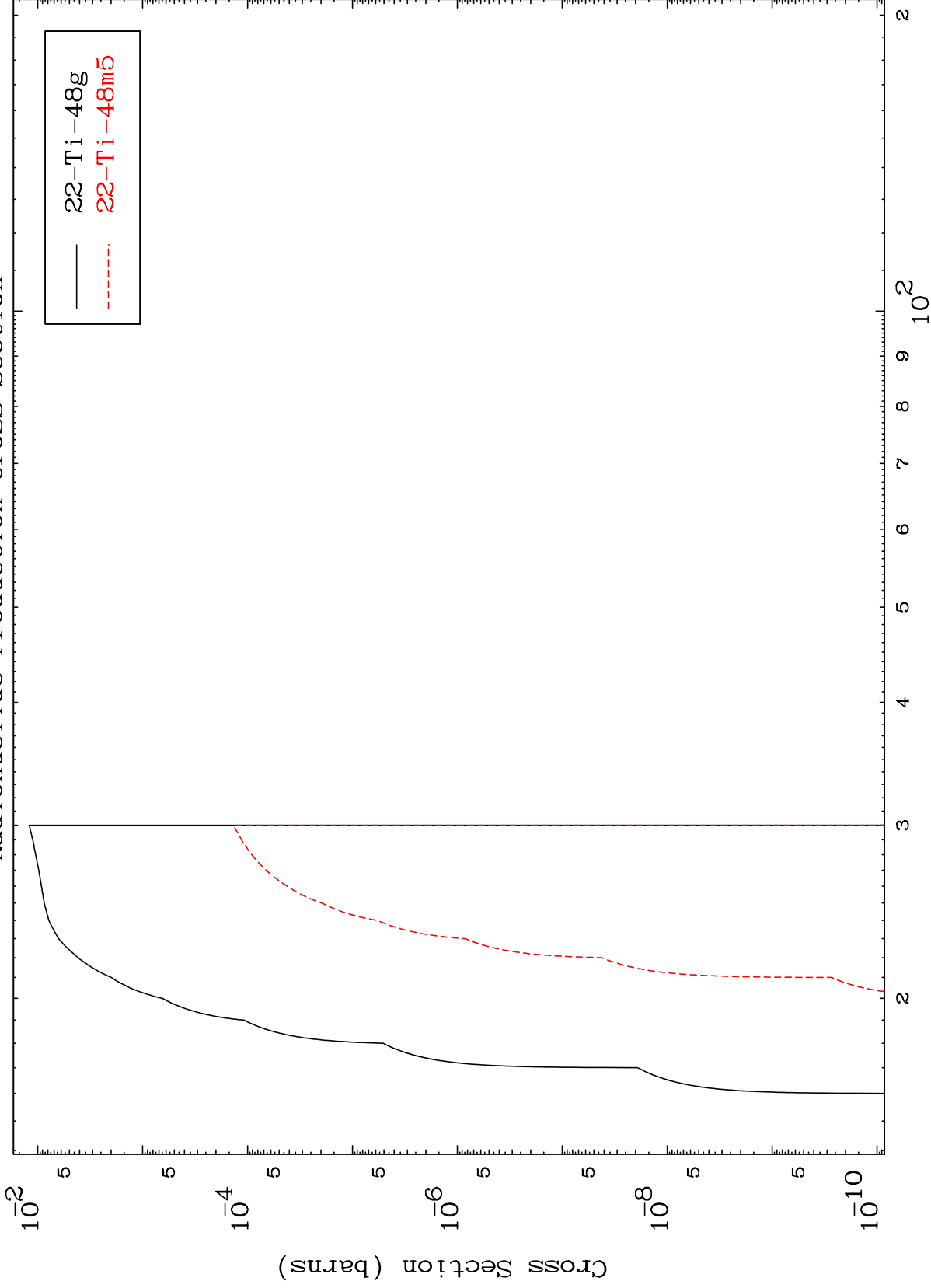


111

Incident Energy (MeV)

²⁴Cr-50

Radionuclide Production Cross Section



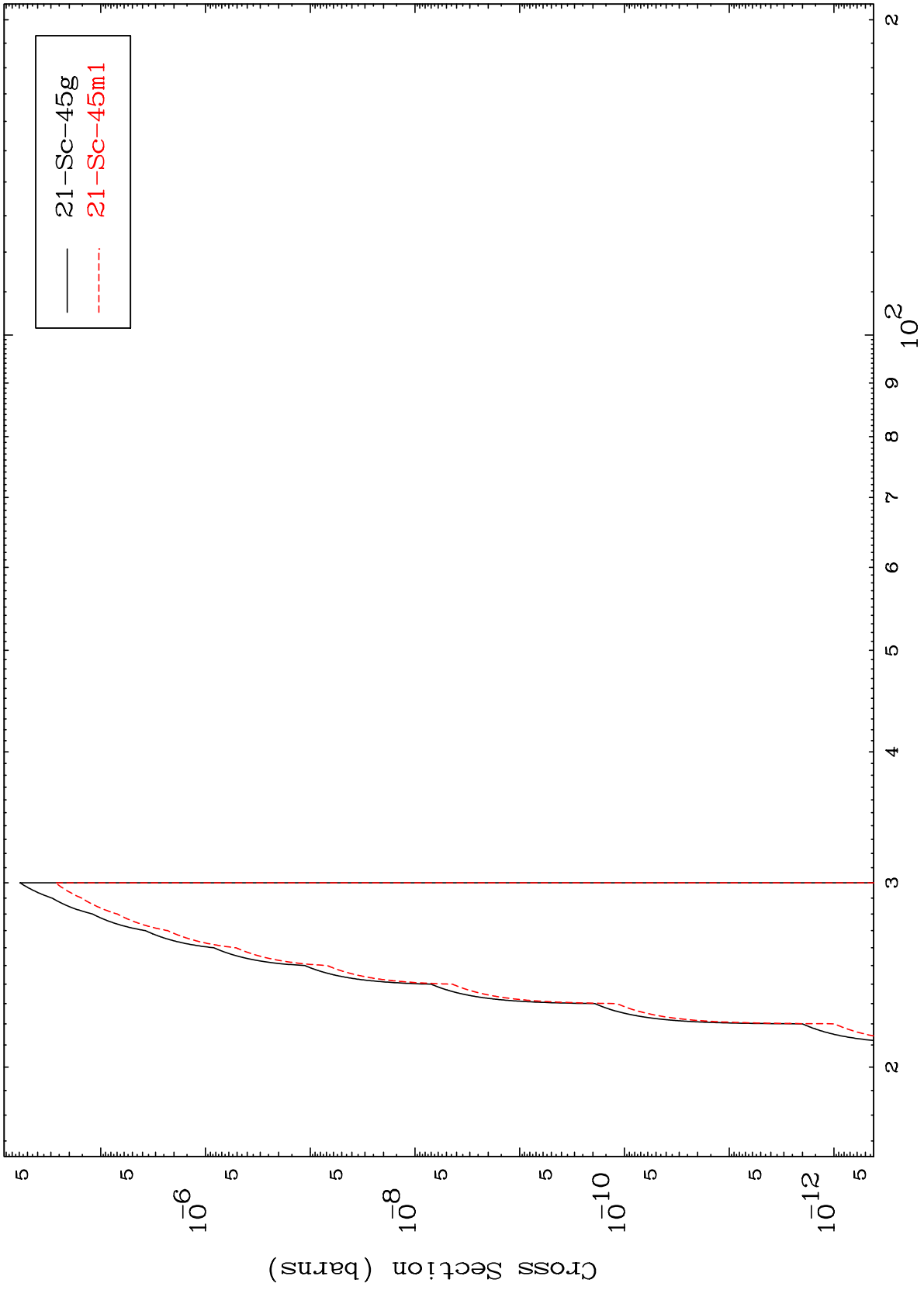
— 22-Ti-48g
- - - 22-Ti-48m5

MAT 2425

(n,d) α

²⁴Cr-50

Radionuclide Production Cross Section



113

Incident Energy (MeV)

²⁴Cr-50