

Program EVALPLOT
(Version 2021-1)

by

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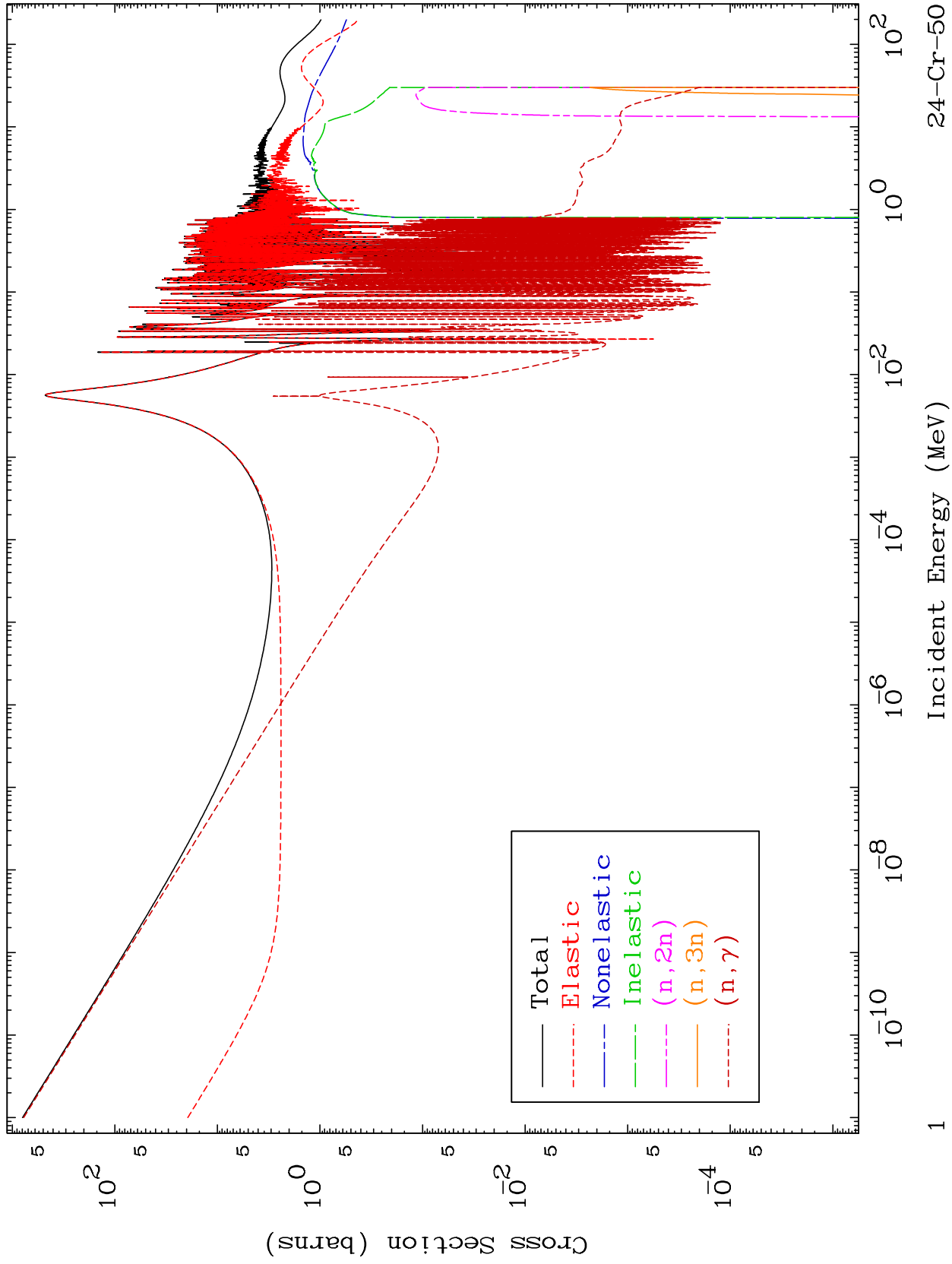
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2425

Neutron Major
293 Kelvin Cross Sections

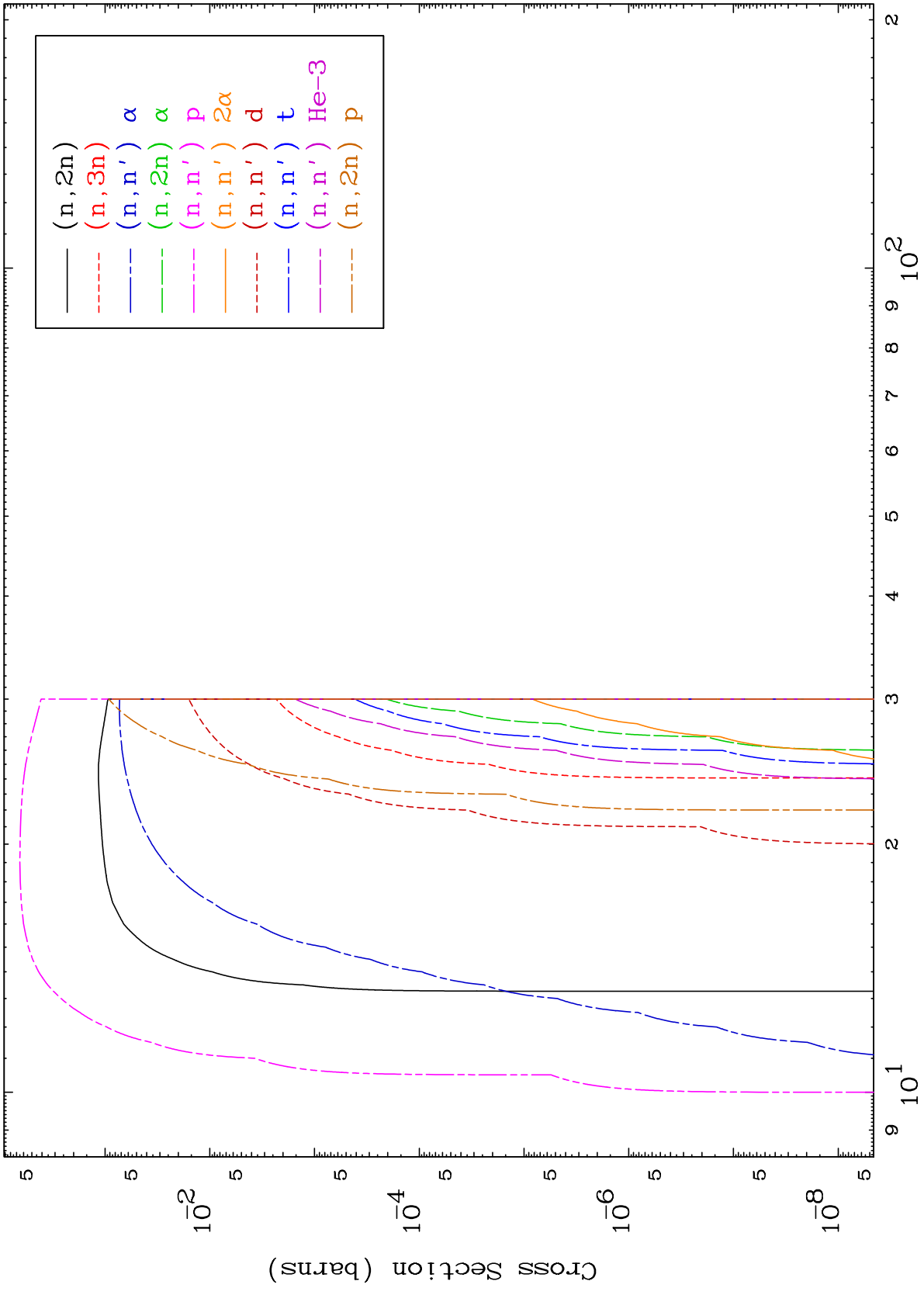
24-Cr-50



MAT 2425

Neutron Absorption
293 Kelvin Cross Sections

24-Cr-50



2

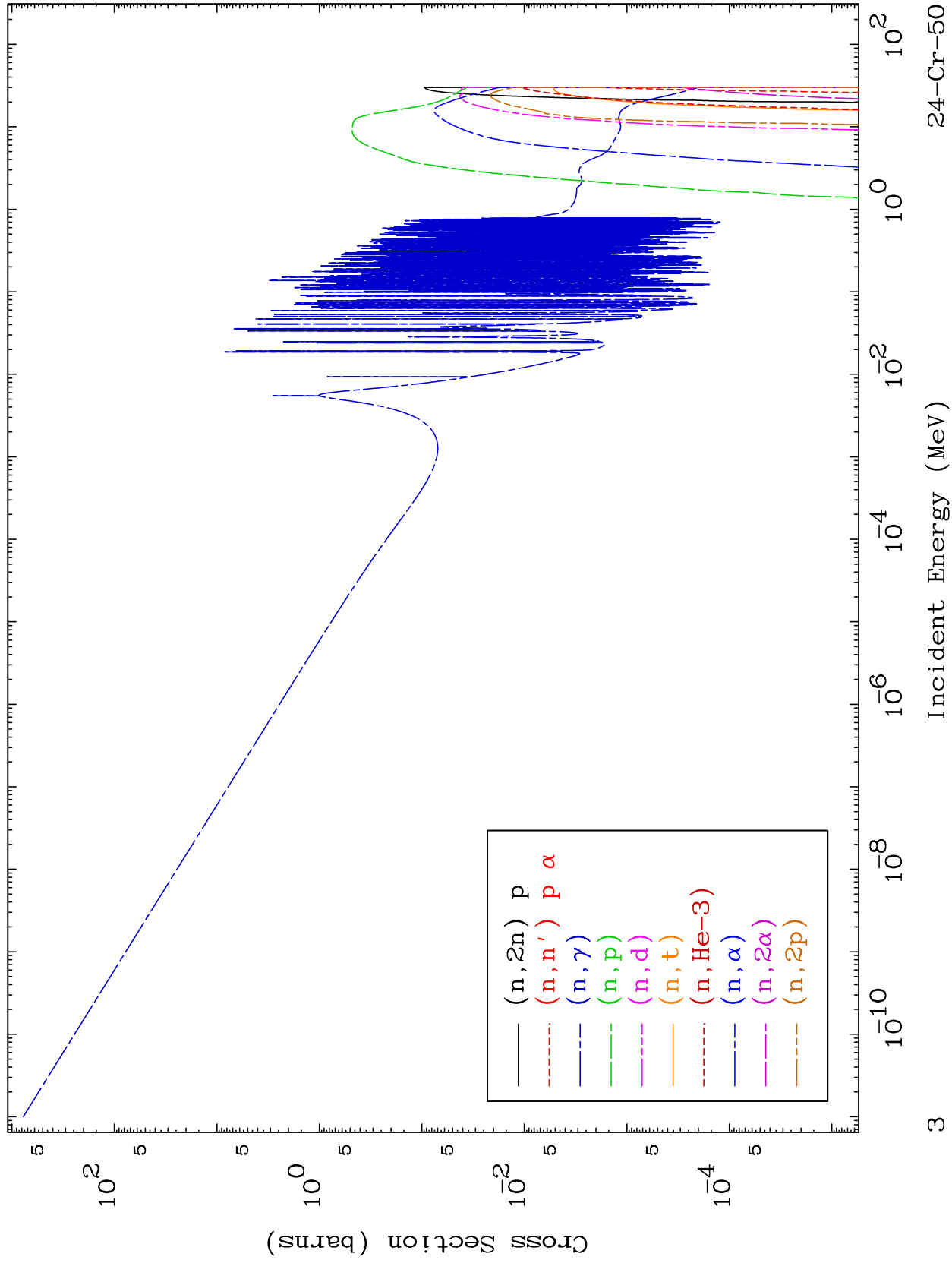
Incident Energy (MeV)

24-Cr-50

MAT 2425

Neutron Absorption
293 Kelvin Cross Sections

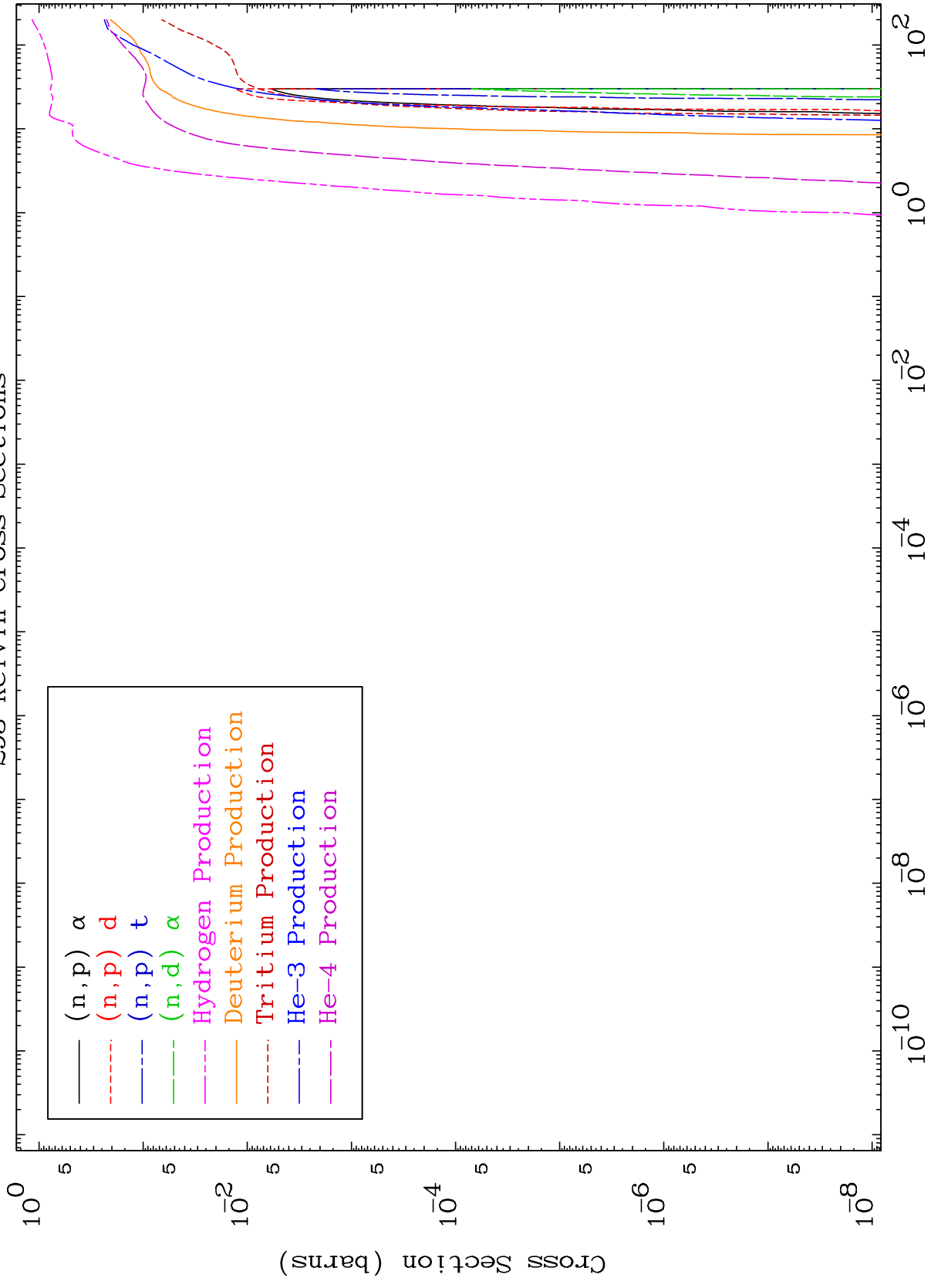
24-Cr-50



MAT 2425

Neutron Absorption
293 Kelvin Cross Sections

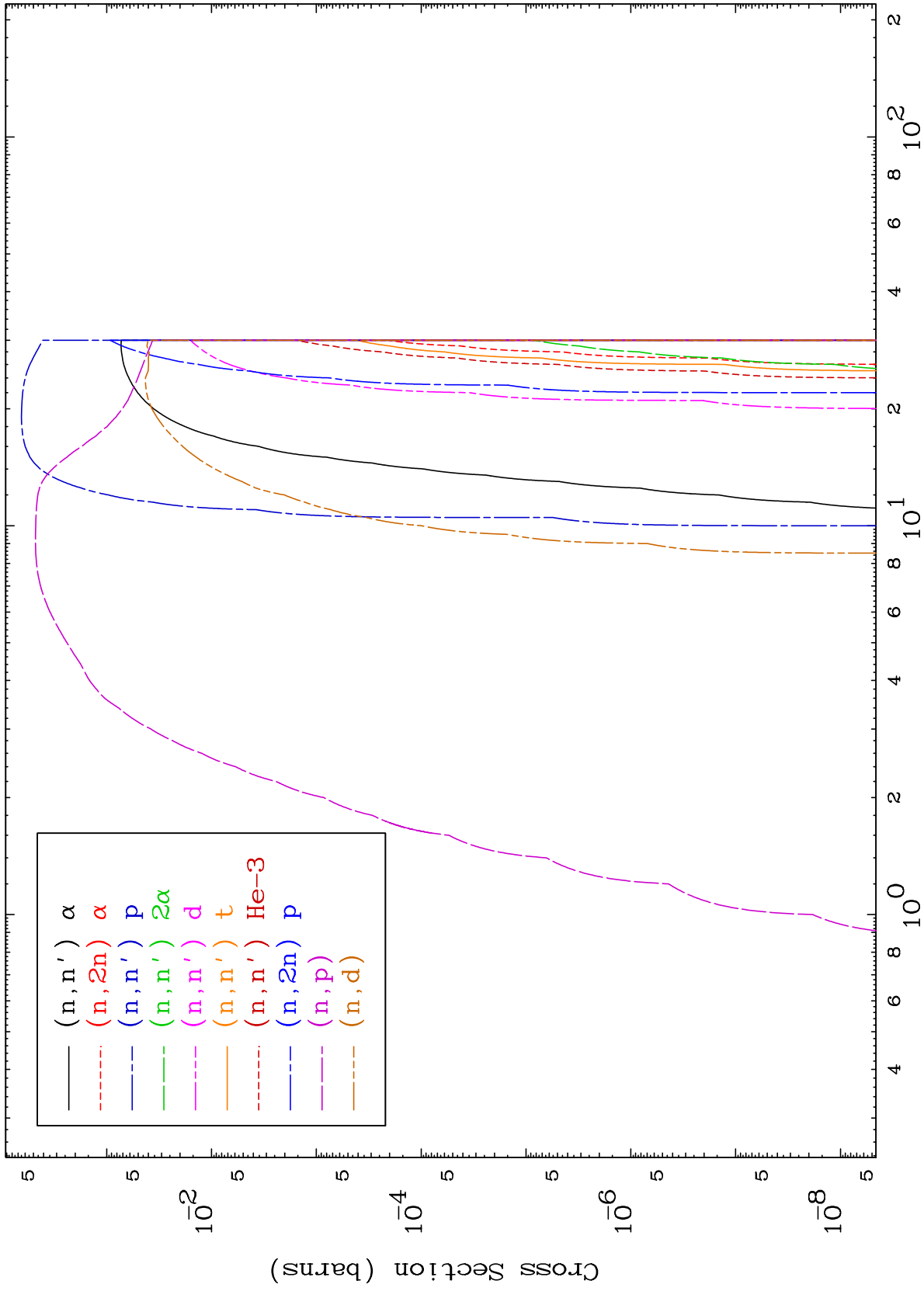
24-Cr-50



MAT 2425

293 Kelvin Cross Sections

24-Cr-50



5

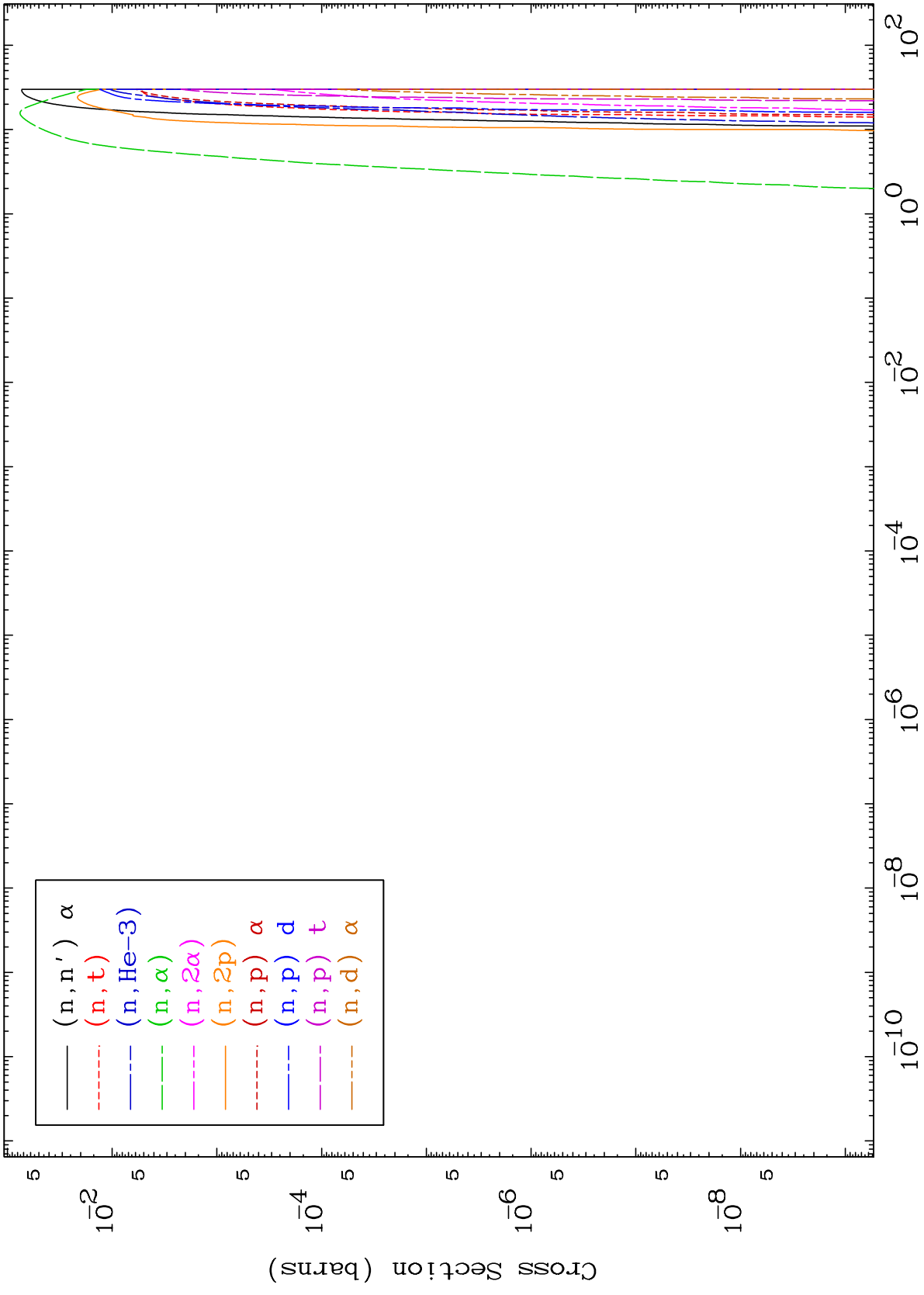
Incident Energy (MeV)

24-Cr-50

MAT 2425

293 Kelvin Cross Sections

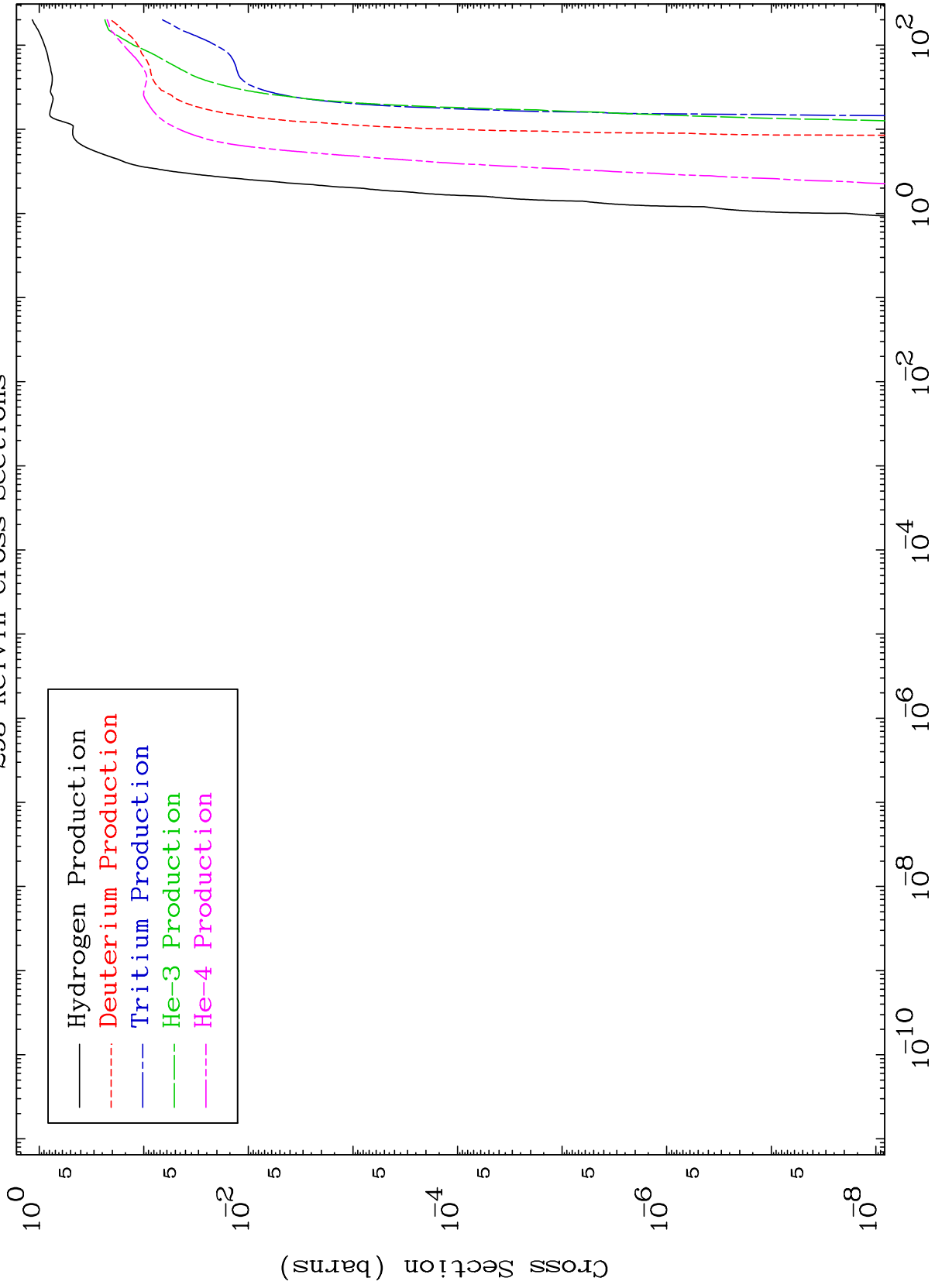
24-Cr-50



MAT 2425

Particle Production
293 Kelvin Cross Sections

24-Cr-50



7

Incident Energy (MeV)

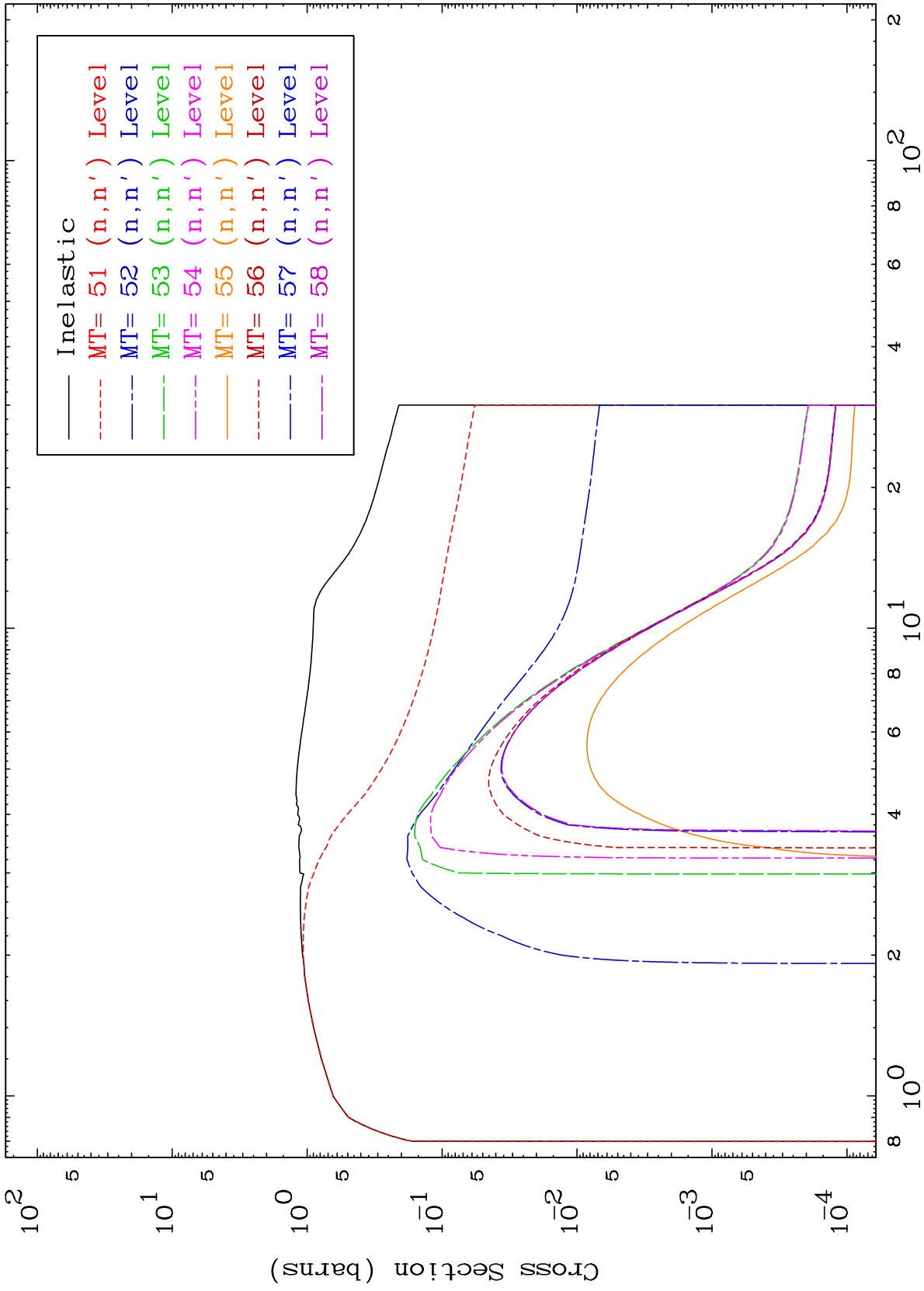
24-Cr-50

MAT 2425

(n,n') Levels

24-Cr-50

293 Kelvin Cross Sections



Incident Energy (MeV)

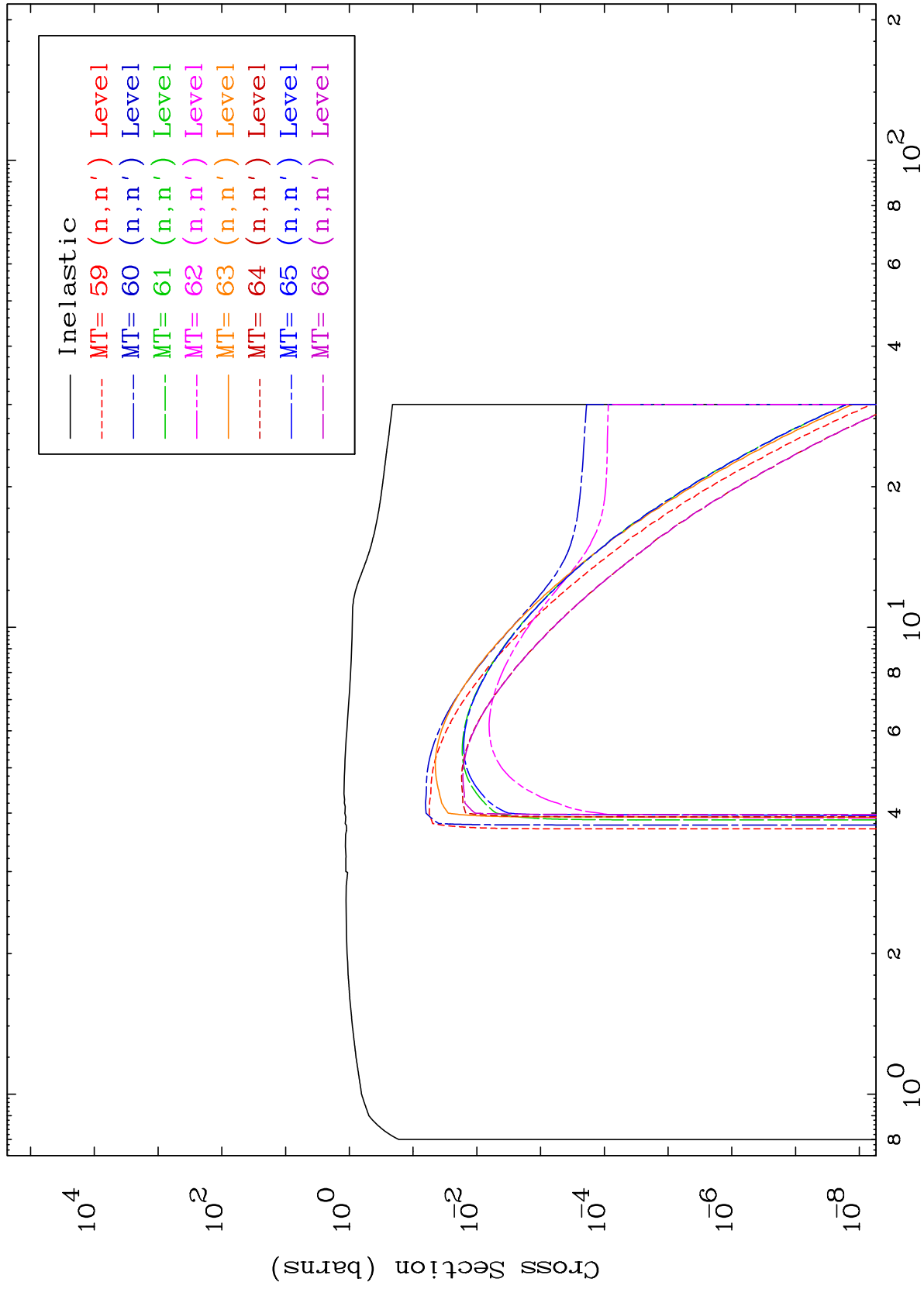
24-Cr-50

MAT 2425

(n,n') Levels

24-Cr-50

293 Kelvin Cross Sections



Incident Energy (MeV)

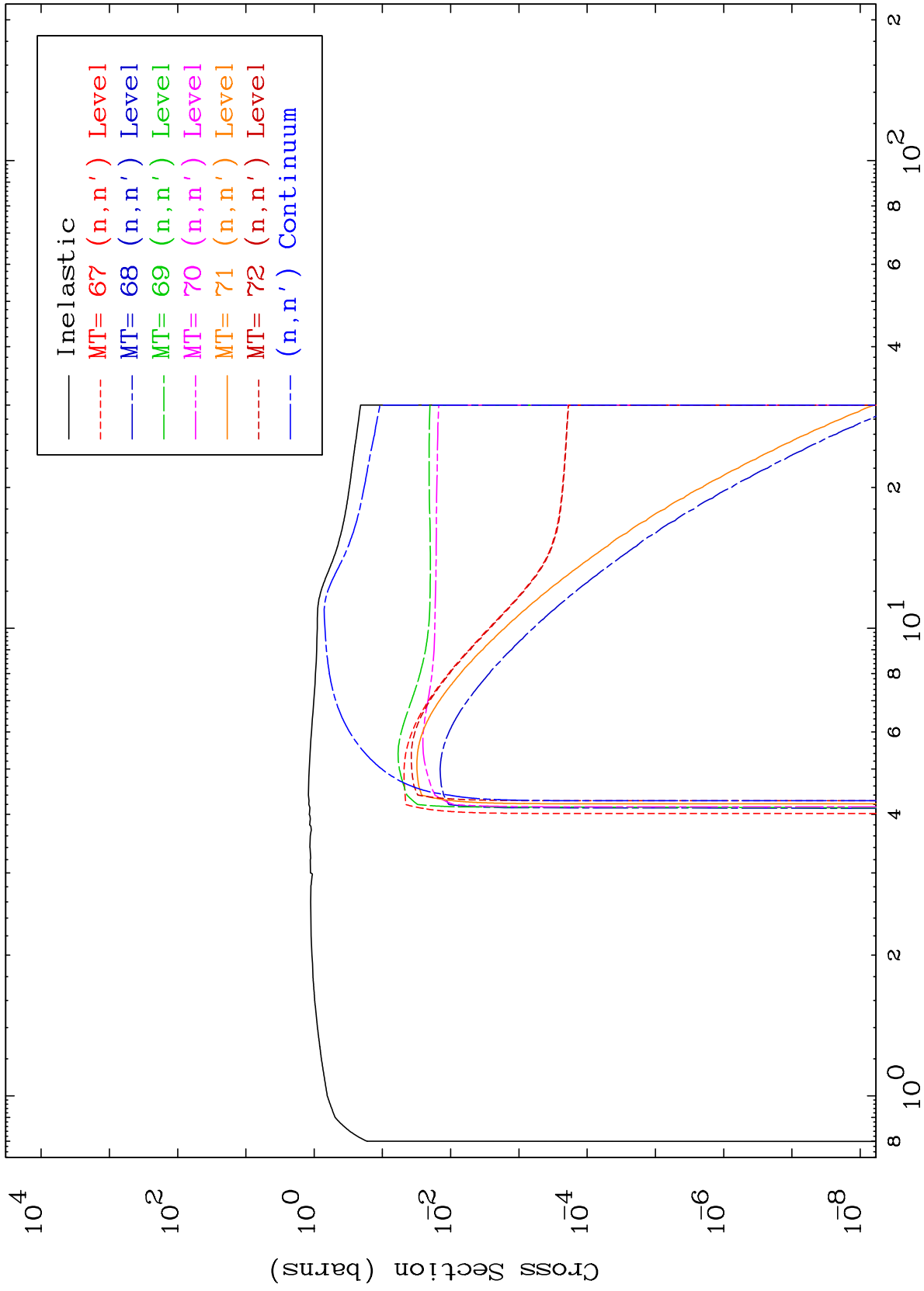
24-Cr-50

9

MAT 2425

(n,n') Levels
293 Kelvin Cross Sections

24-Cr-50



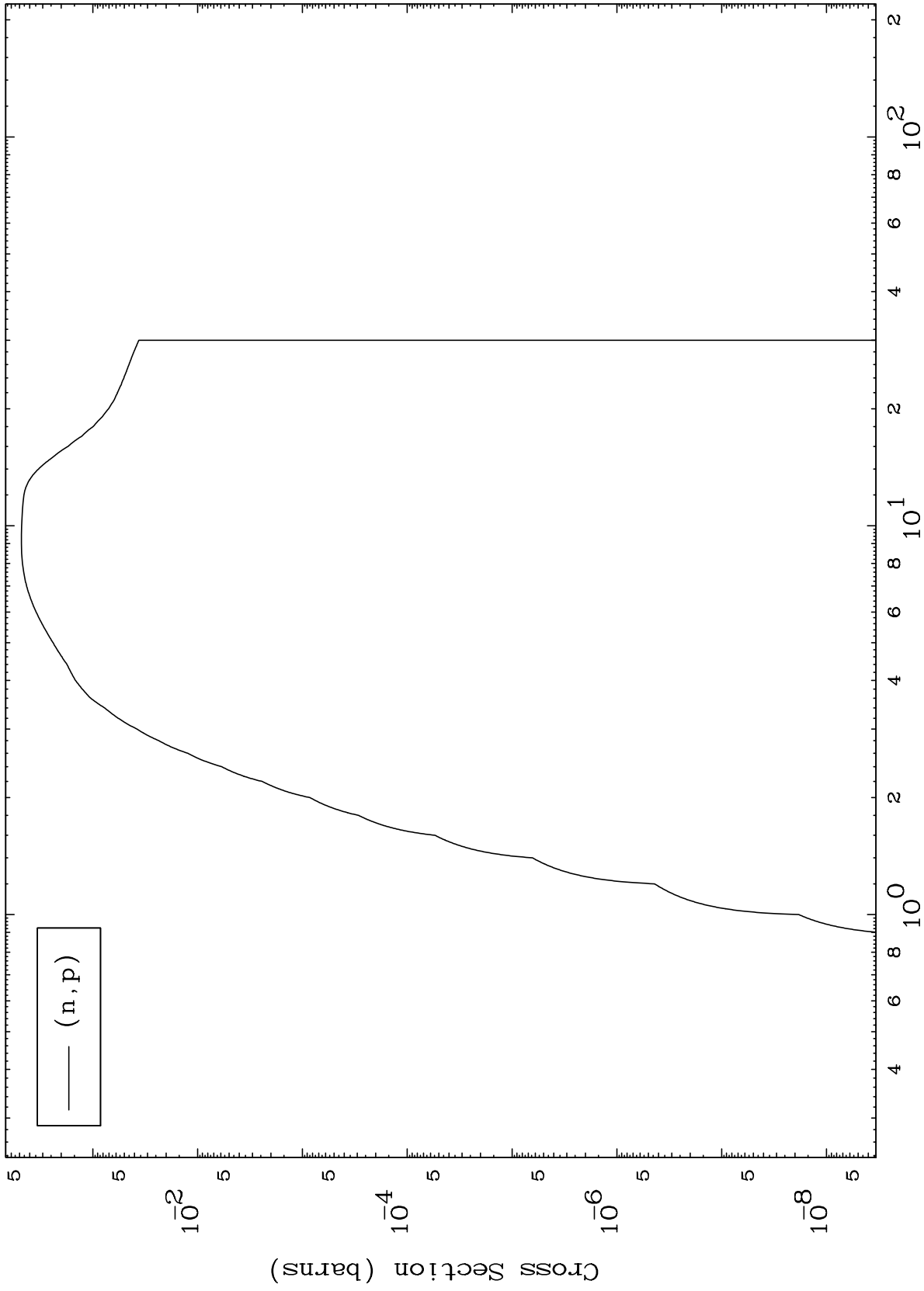
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,p) Levels
293 Kelvin Cross Sections

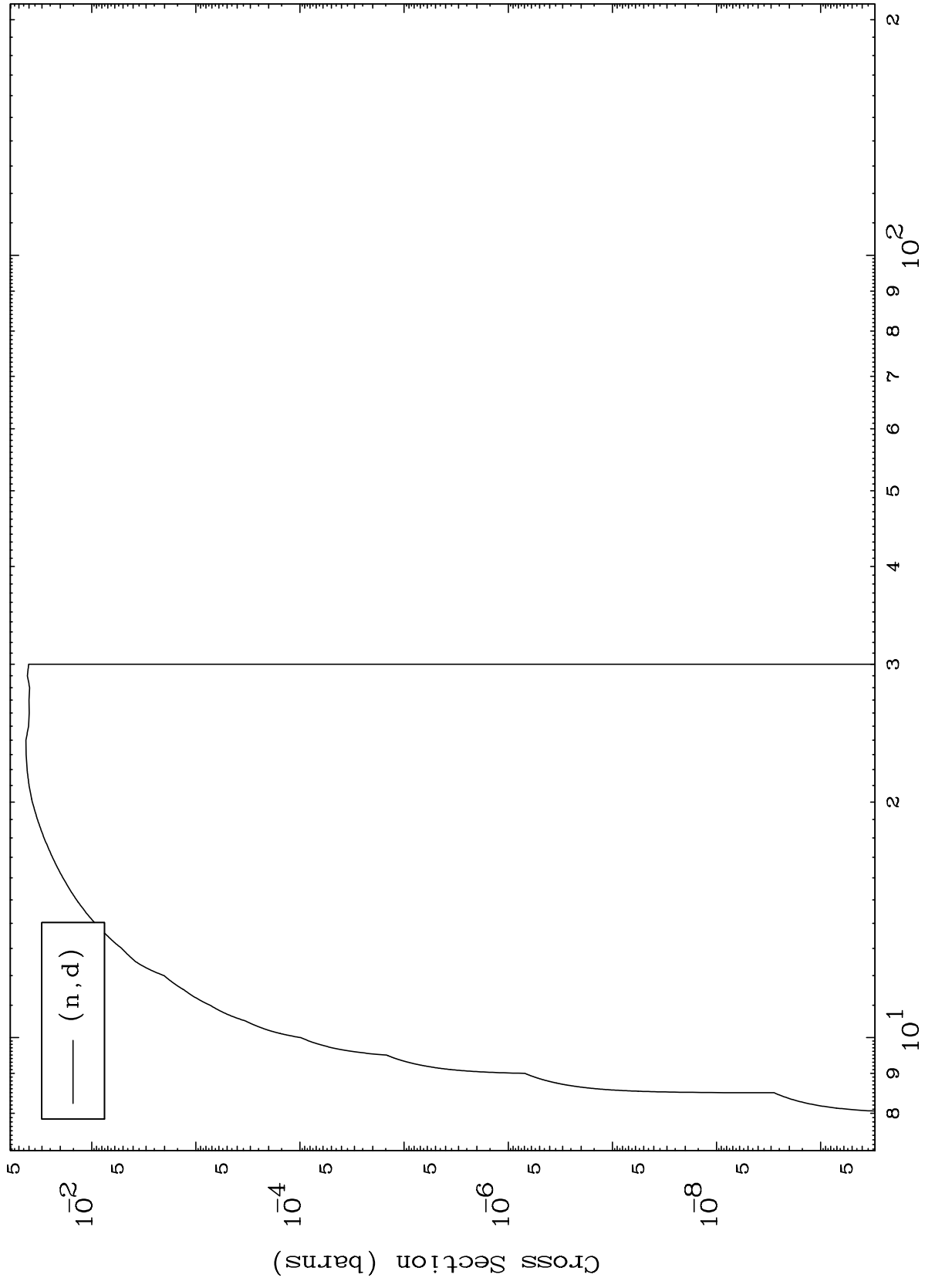
24-Cr-50



MAT 2425

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-50



12

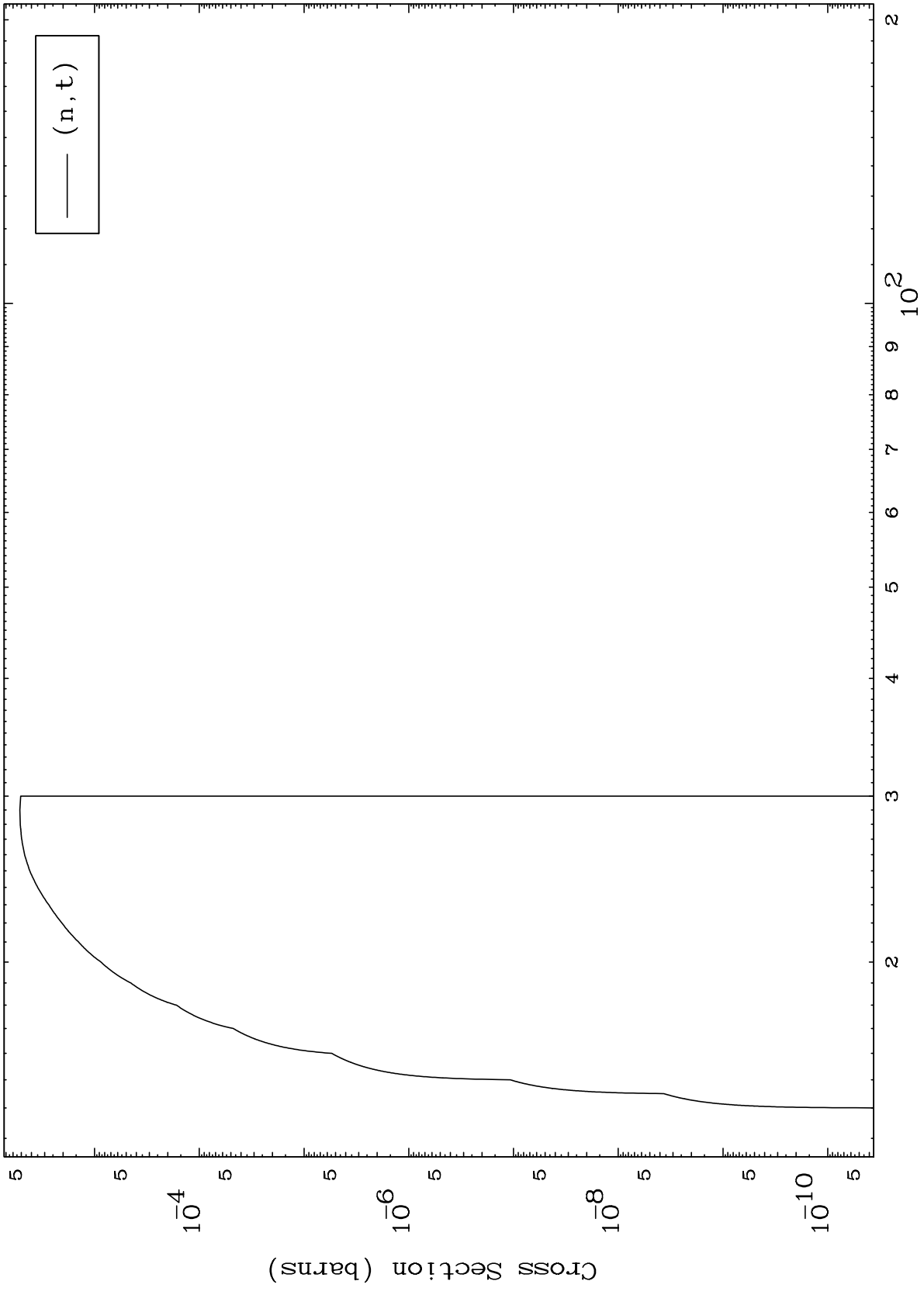
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-50

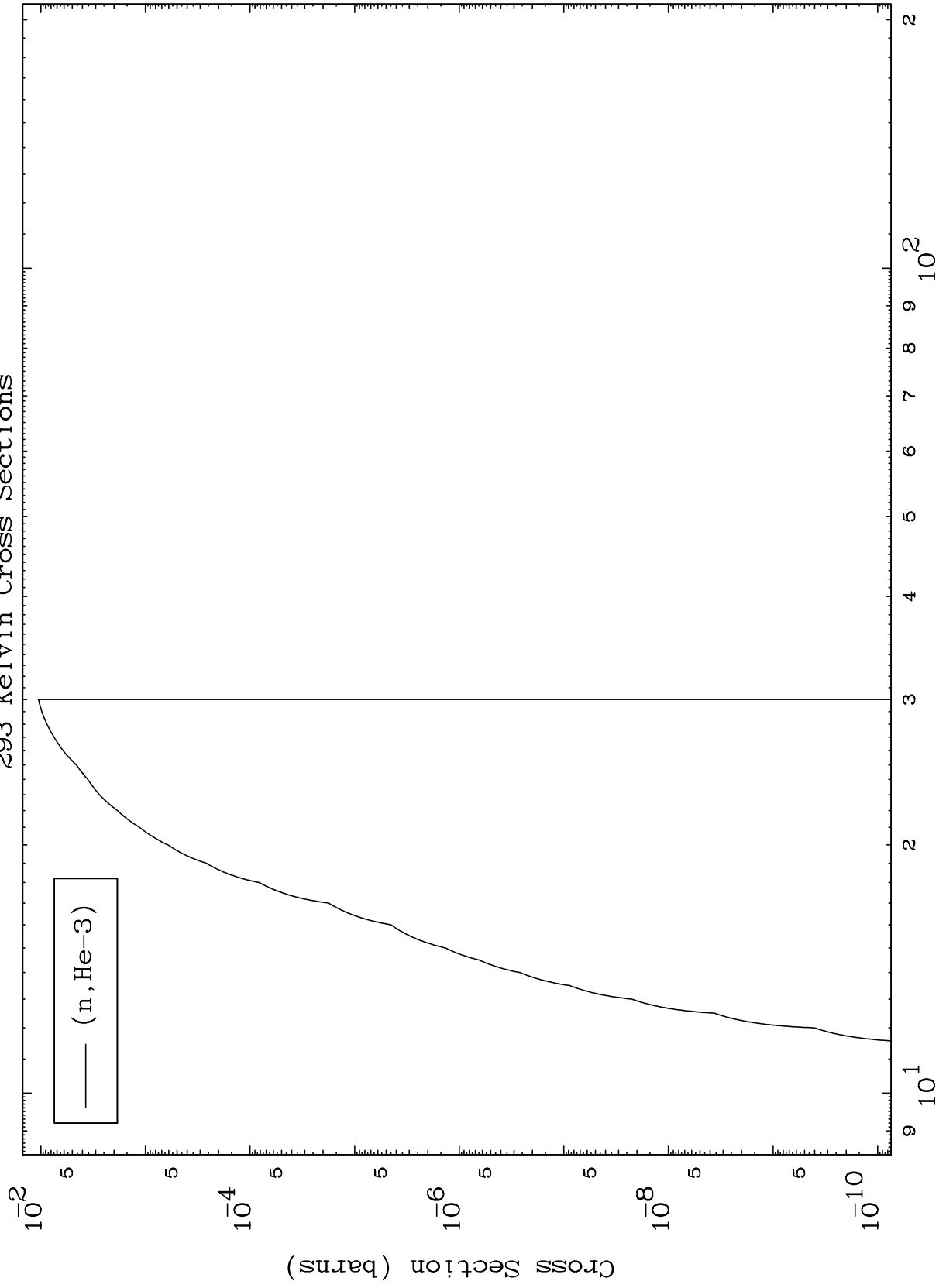


24-Cr-50

MAT 2425

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-50



14

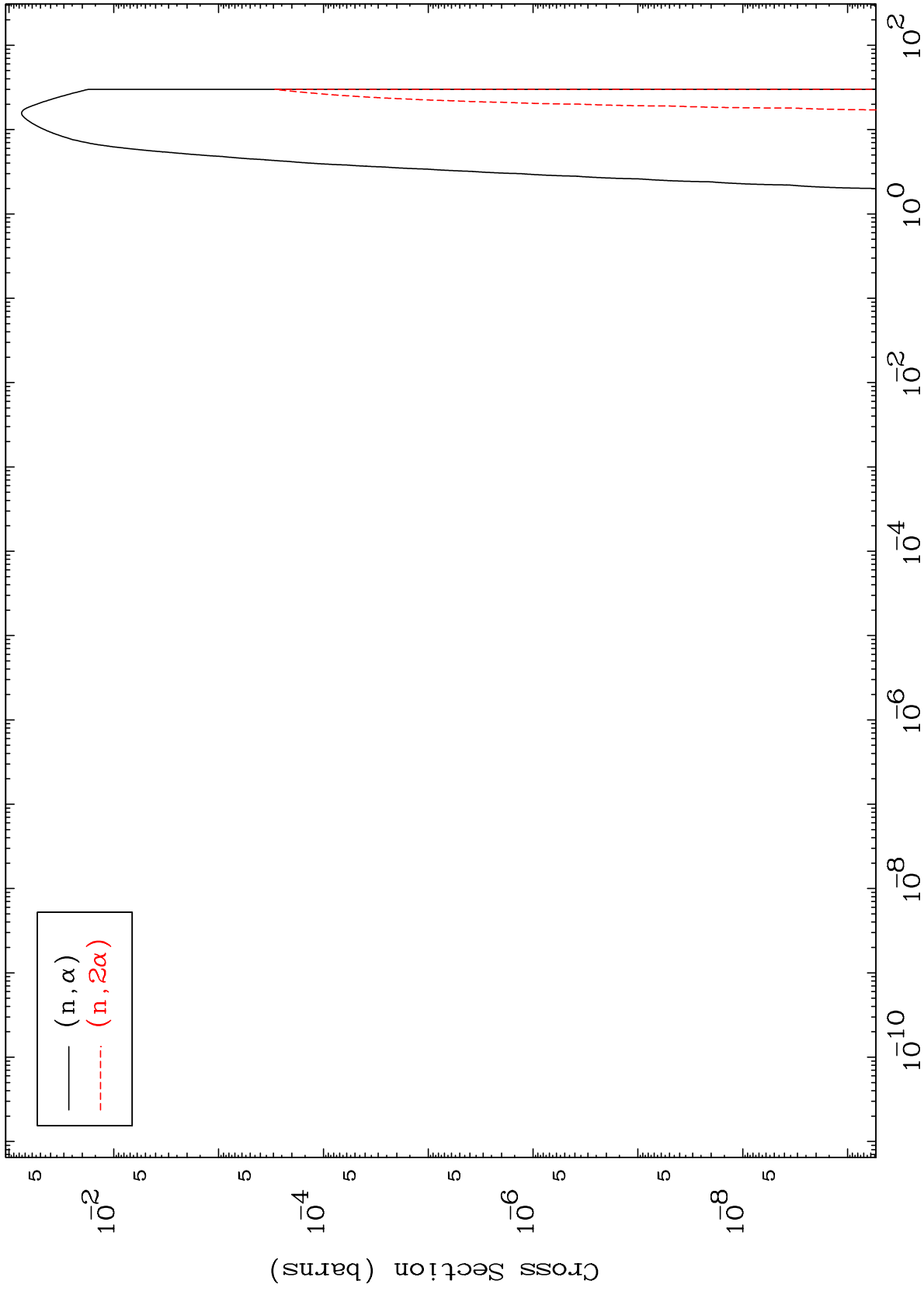
Incident Energy (MeV)

24-Cr-50

MAT 2425

(n,α) Levels
293 Kelvin Cross Sections

24-Cr-50



15

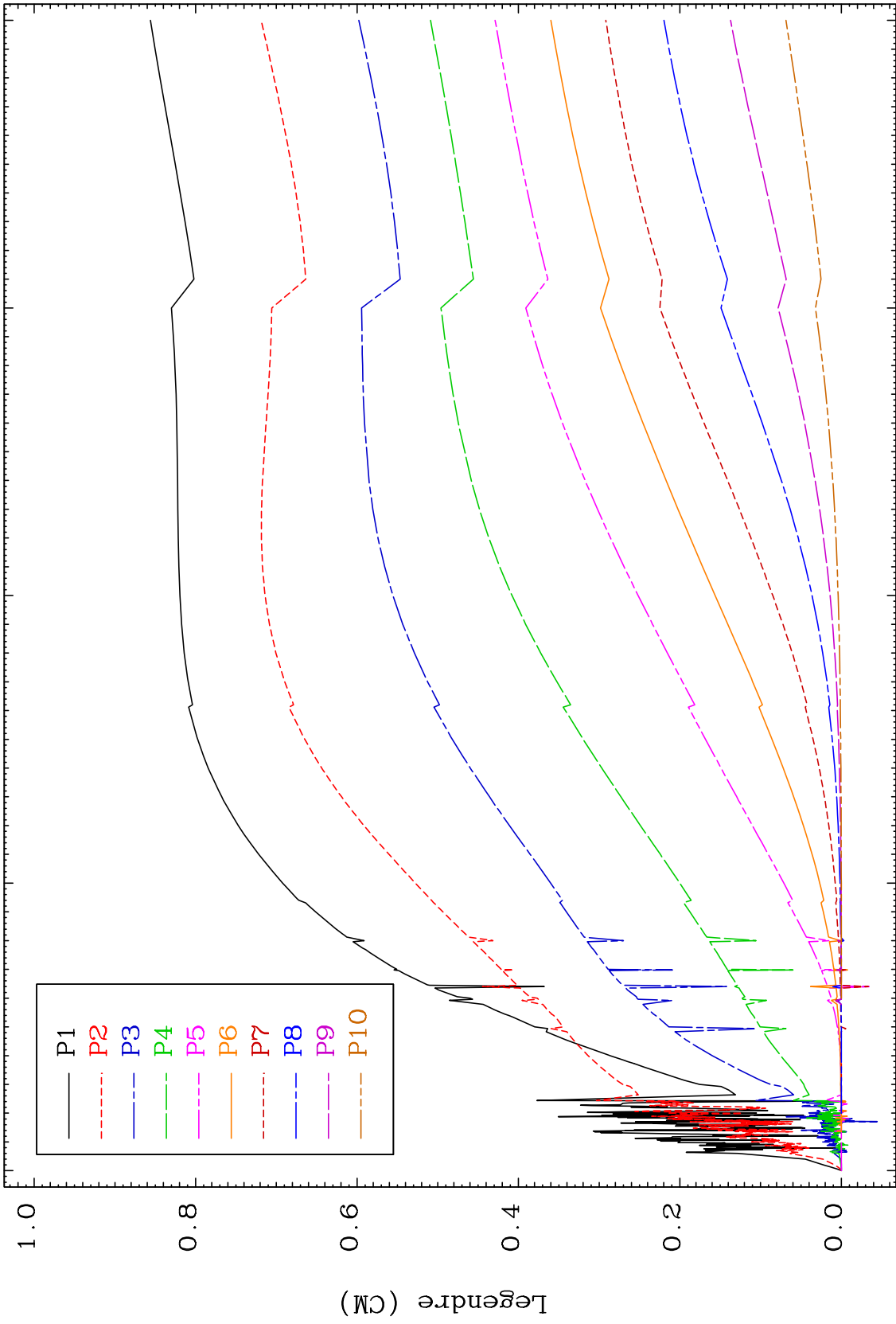
Incident Energy (MeV)

24-Cr-50

MAT 2425

Elastic Legendre Coefficients

24-Cr-50



16

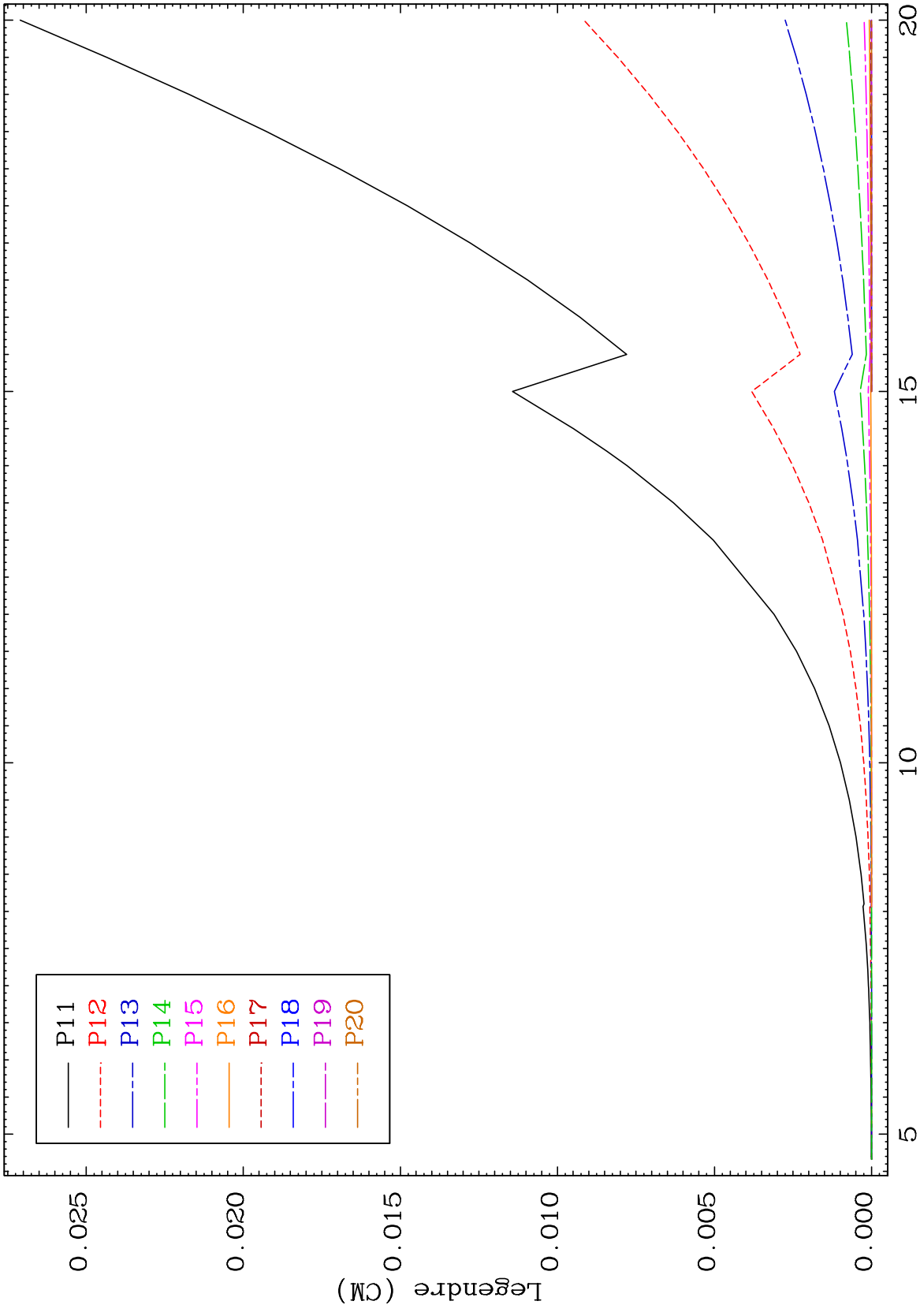
Incident Energy (MeV)

24-Cr-50

MAT 2425

Elastic Legendre Coefficients

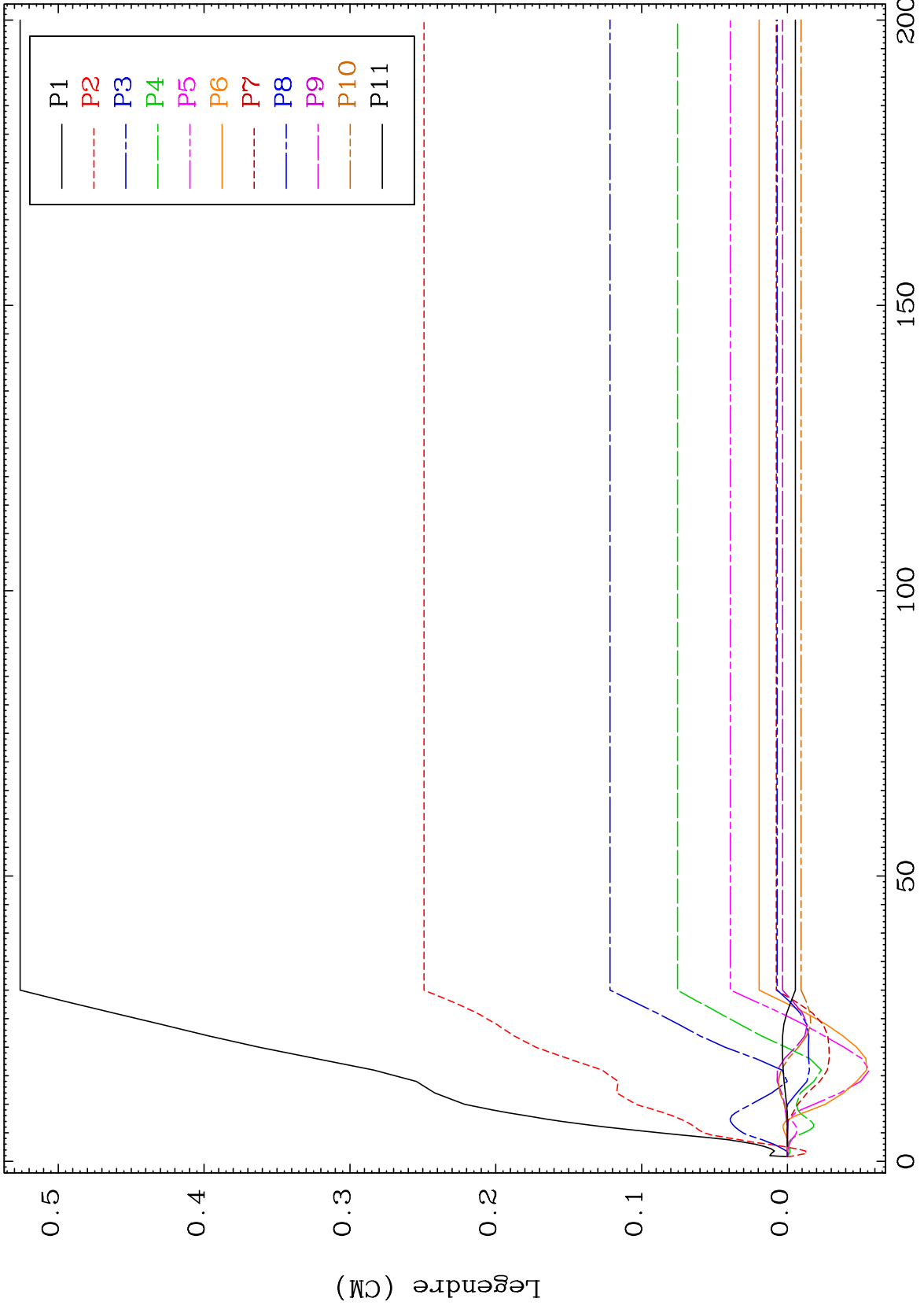
24-Cr-50



17

24-Cr-50

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

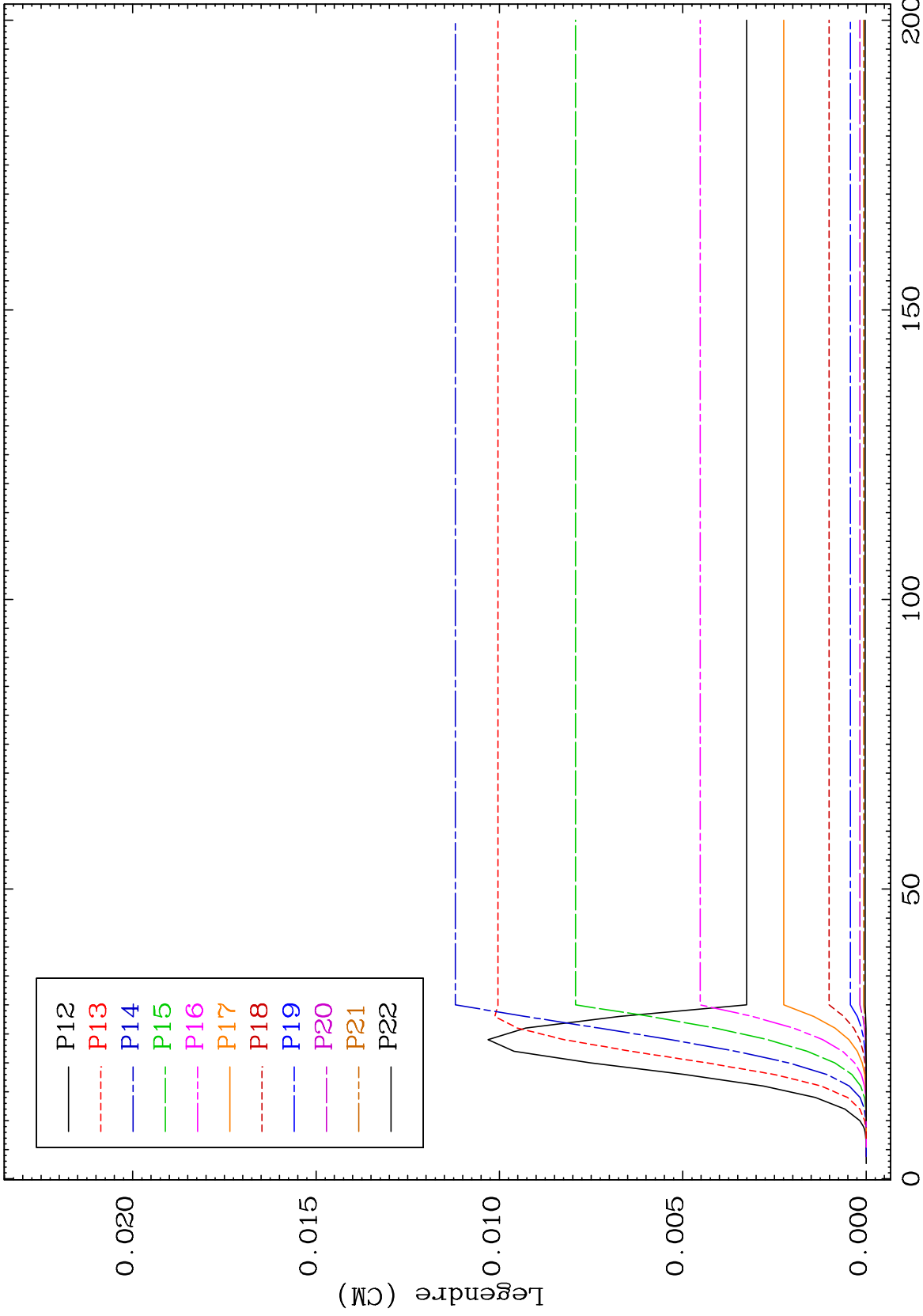


18 24-Cr-50

MAT 2425

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

24-Cr-50

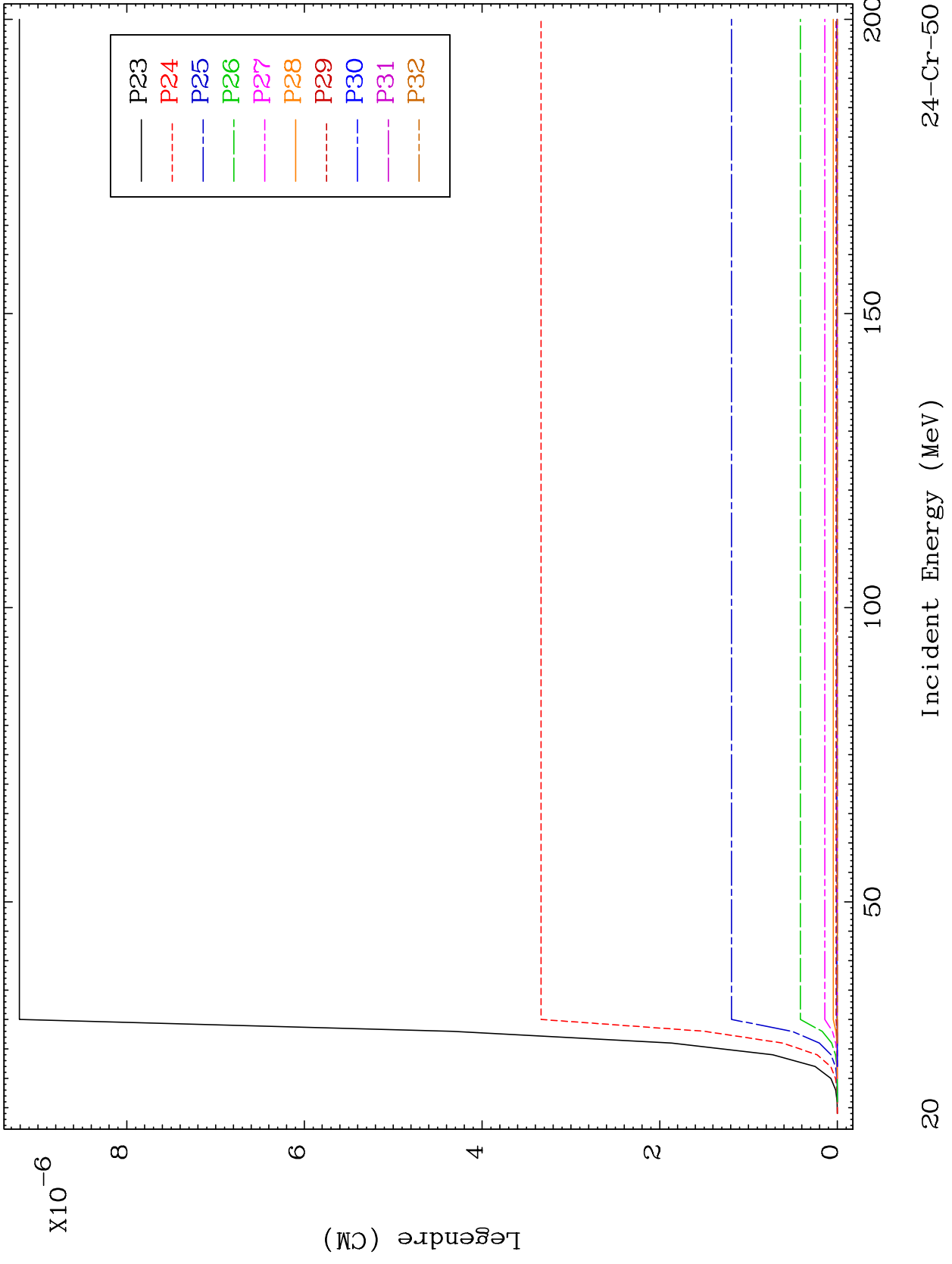


19

Incident Energy (MeV)

24-Cr-50

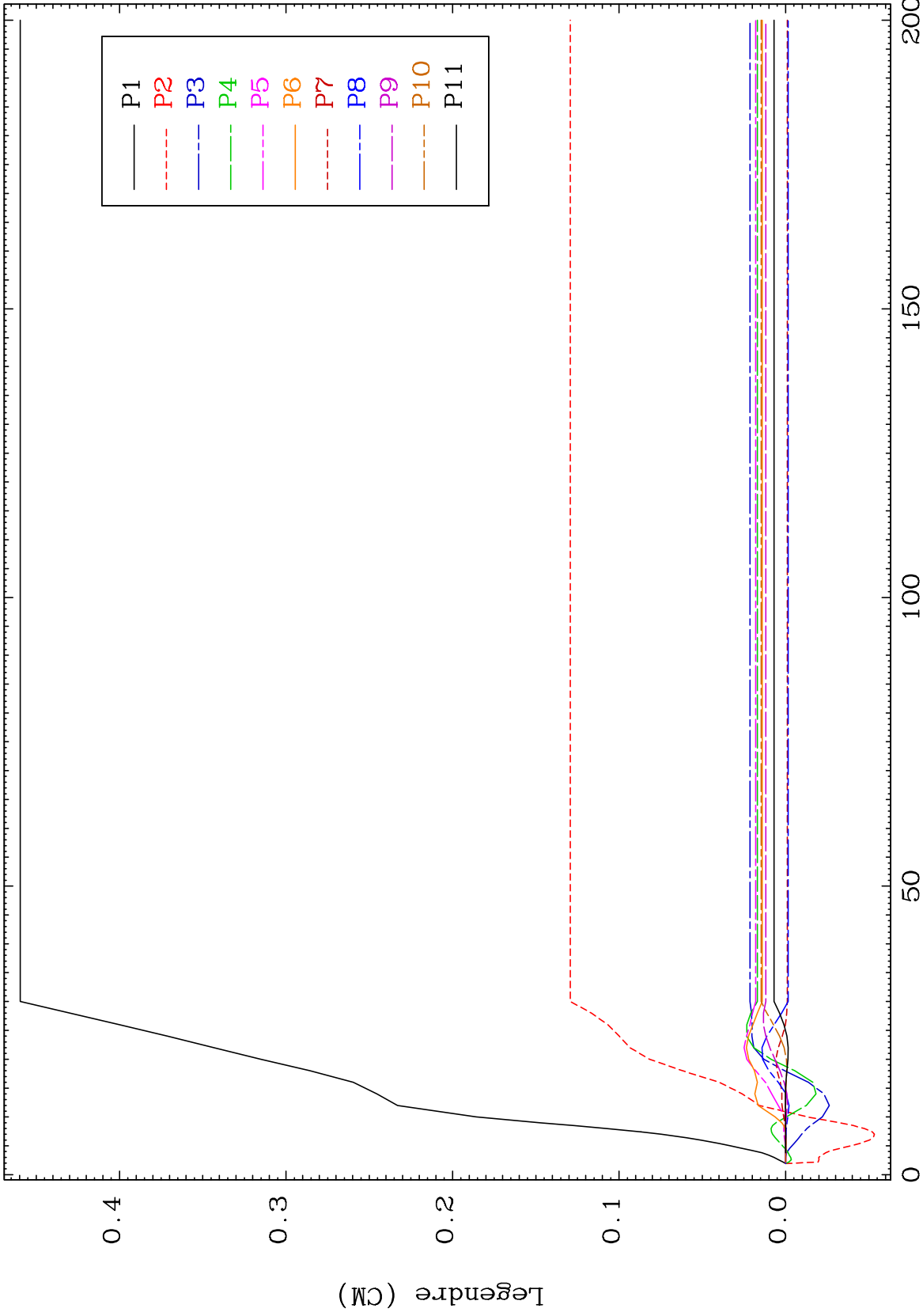
MAT 2425 MT= 51 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50

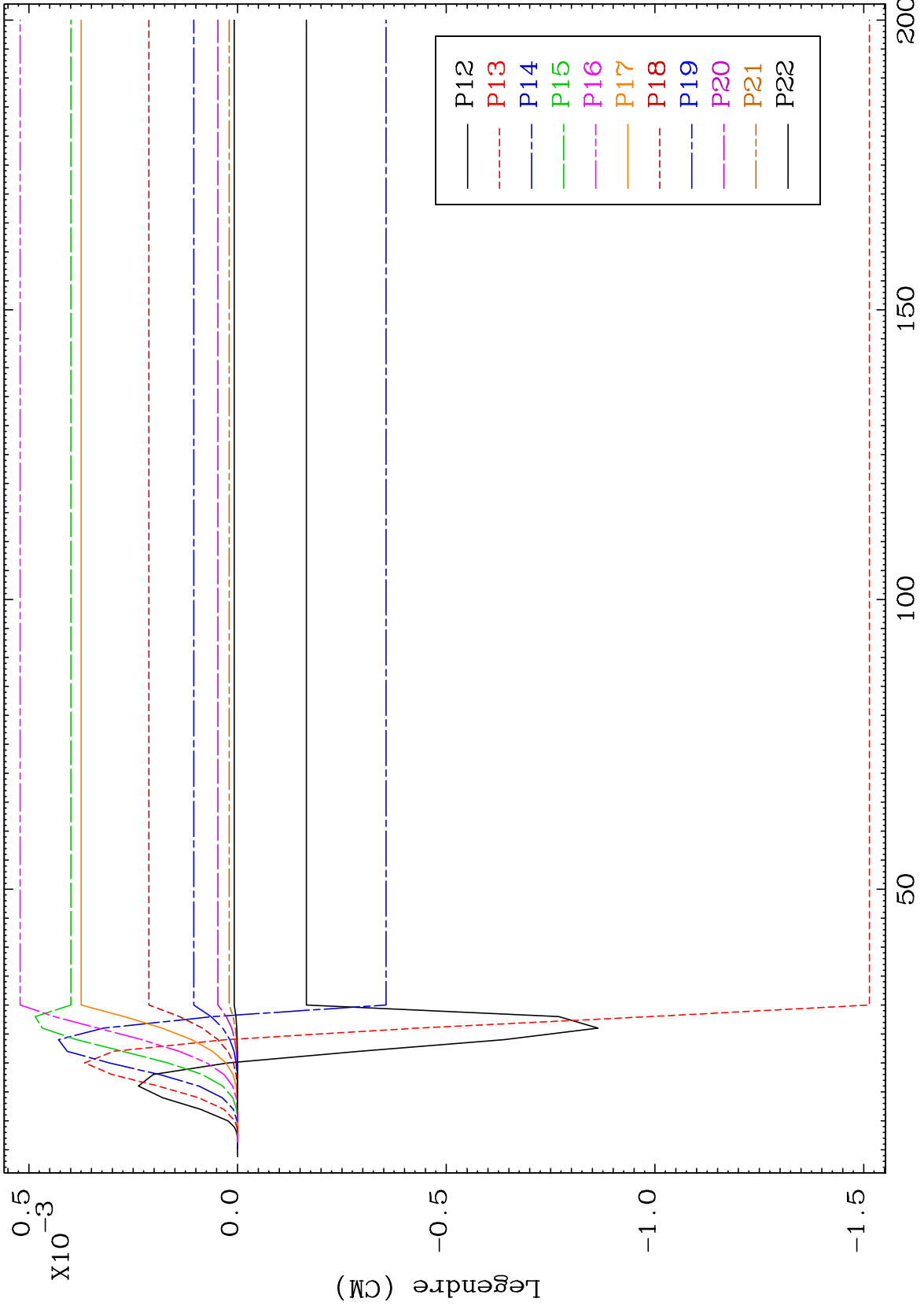


21

Incident Energy (MeV)

24-Cr-50

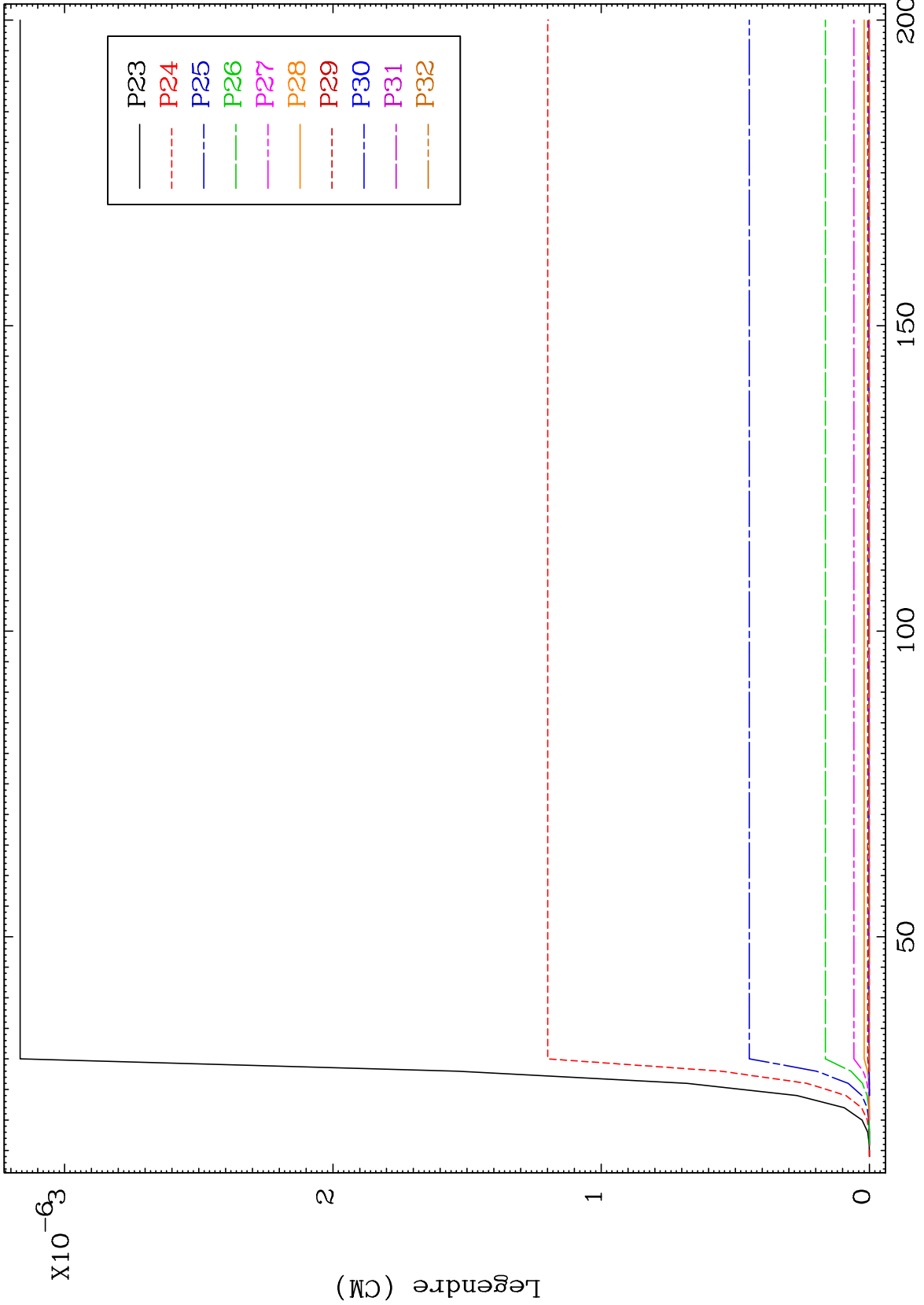
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MAT 2425

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

24-Cr-50

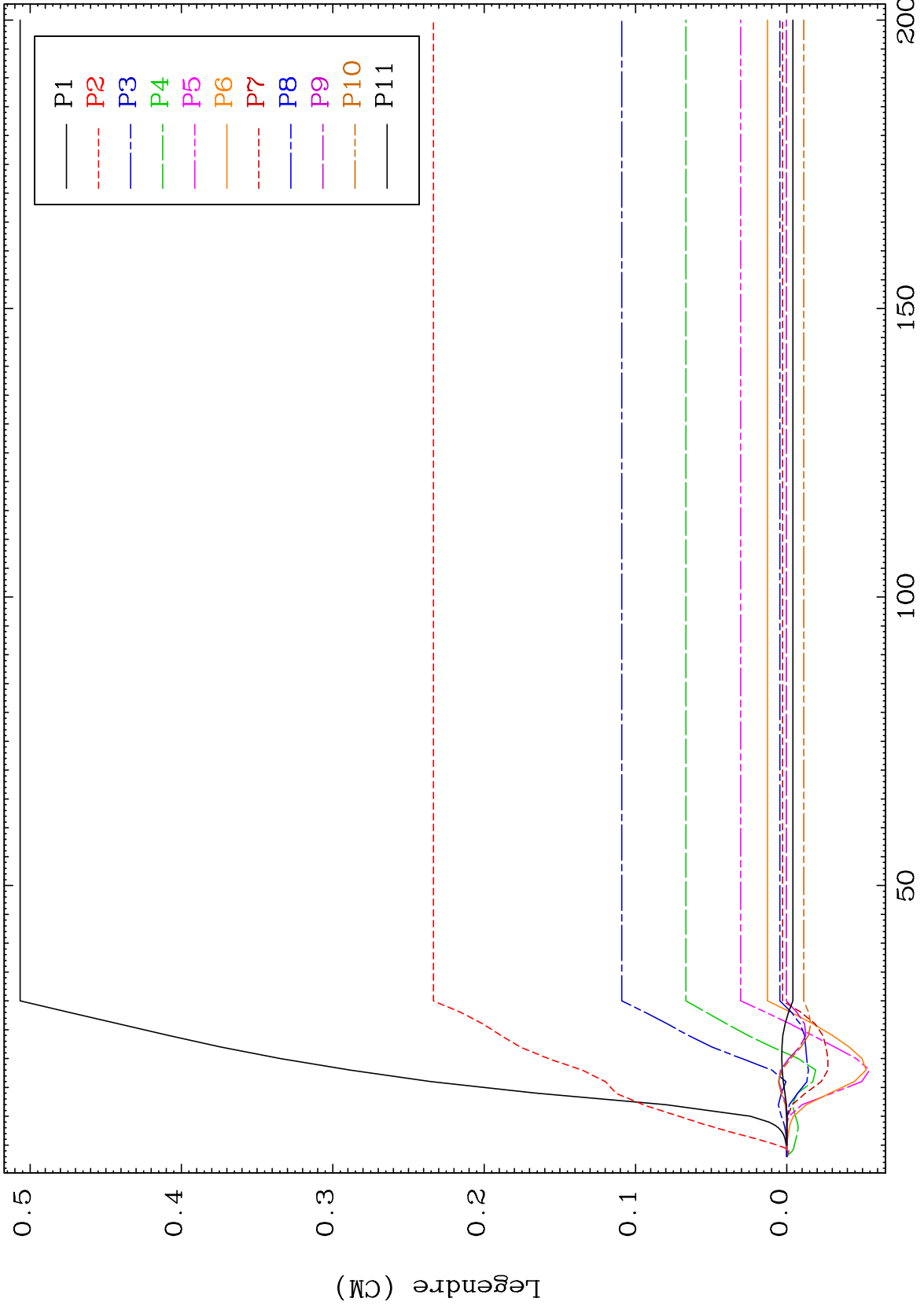


23

Incident Energy (MeV)

24-Cr-50

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

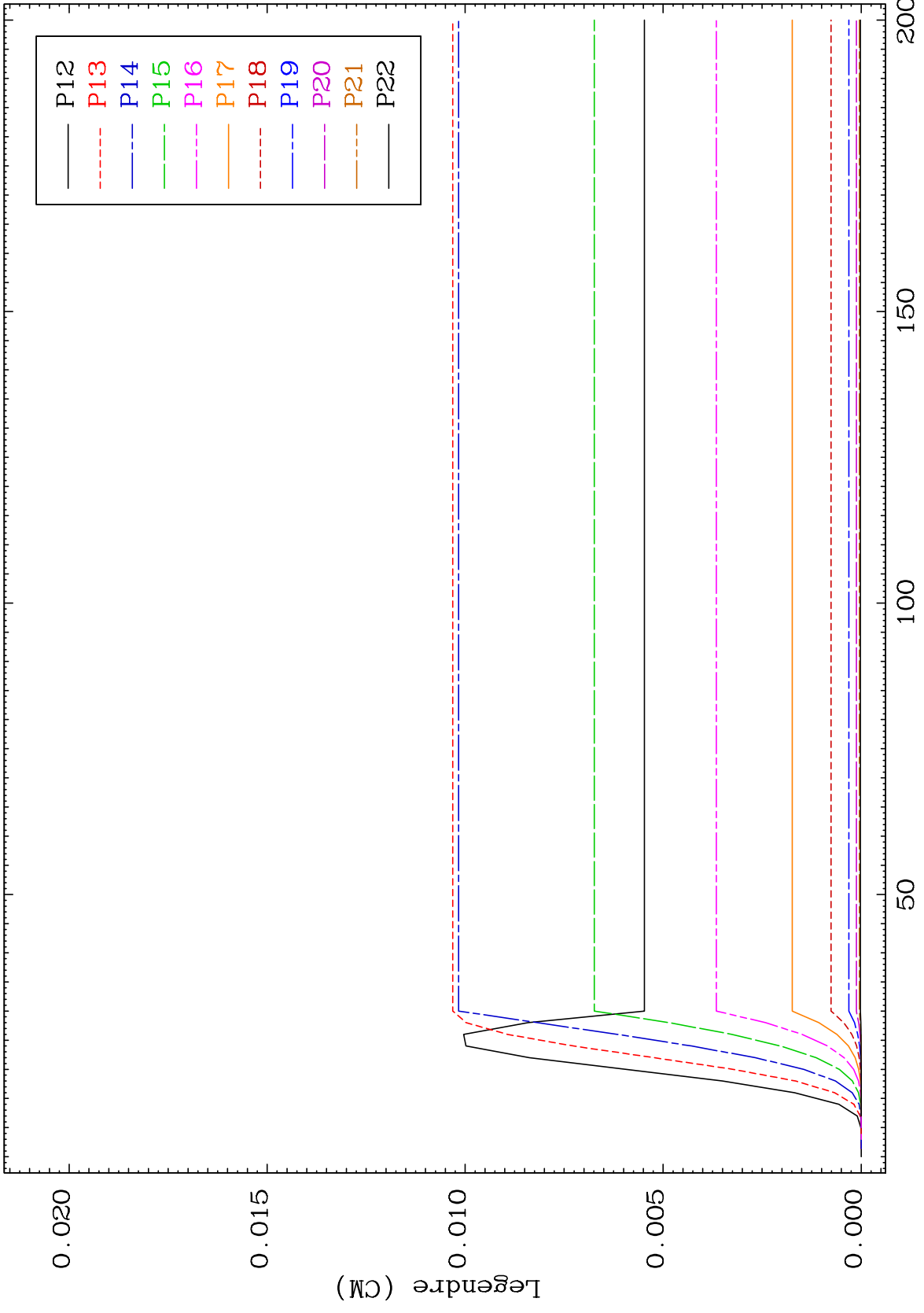


24 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50



25

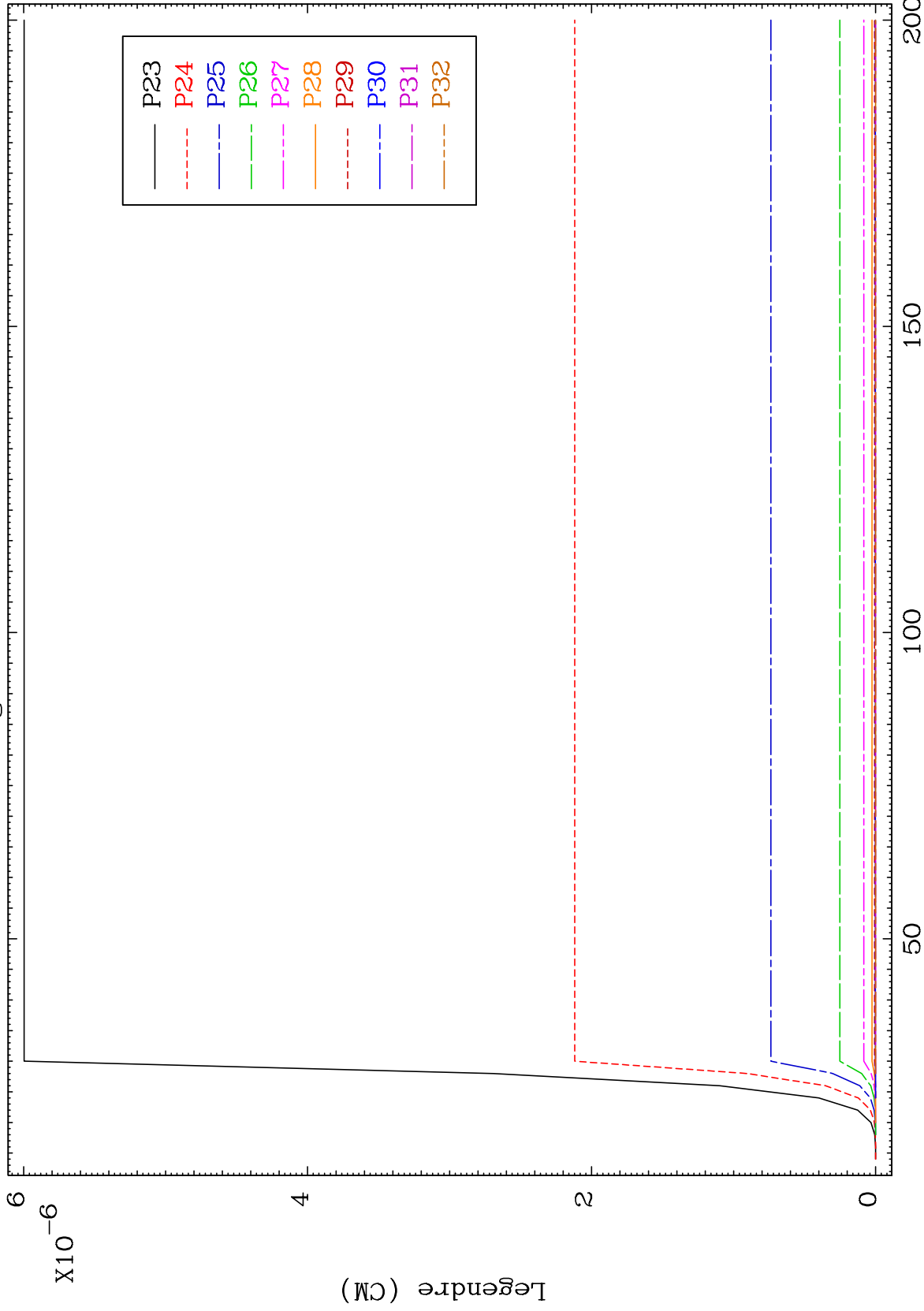
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

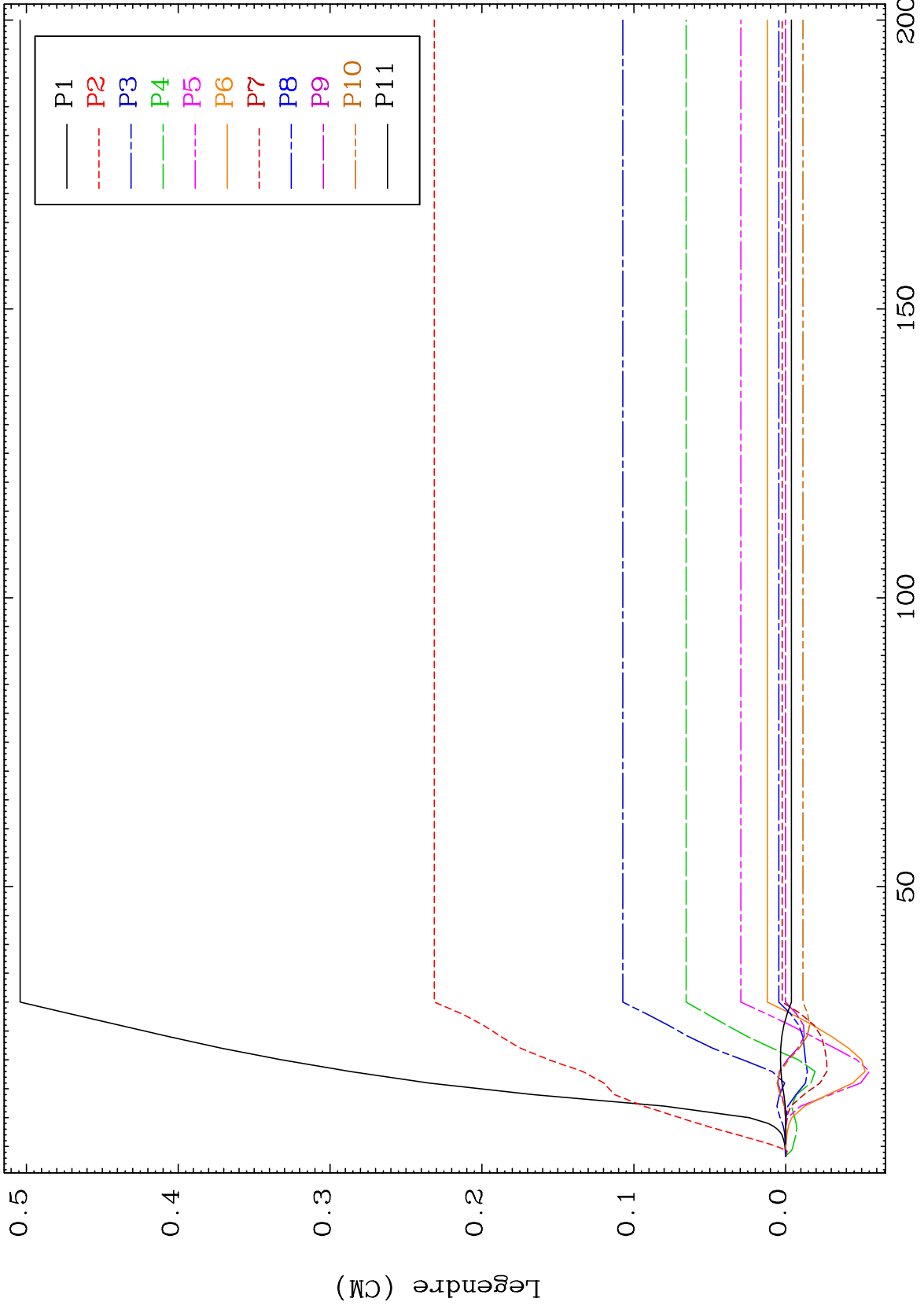


26

Incident Energy (MeV)

24-Cr-50

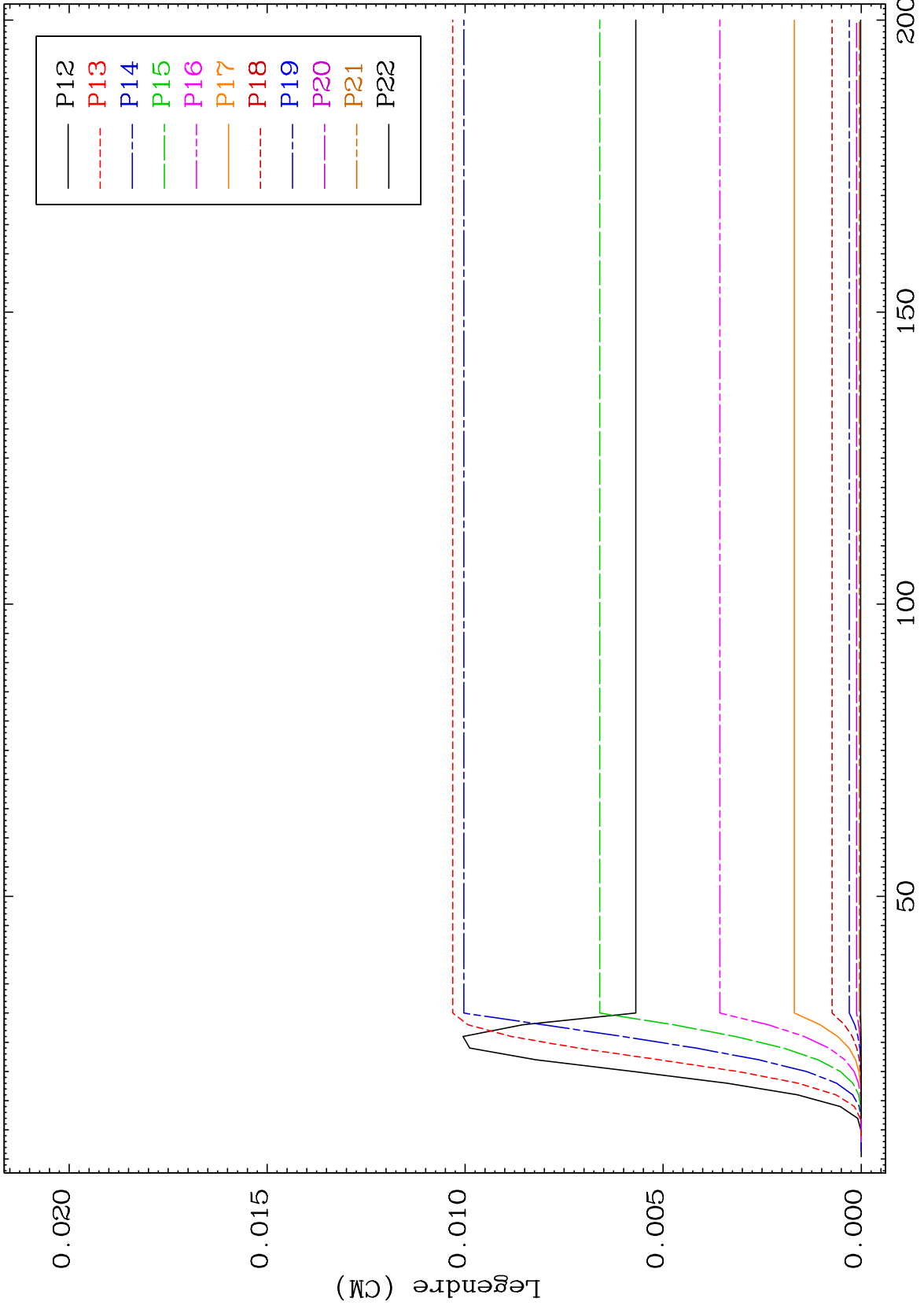
MAT 2425 MT= 54 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50



28

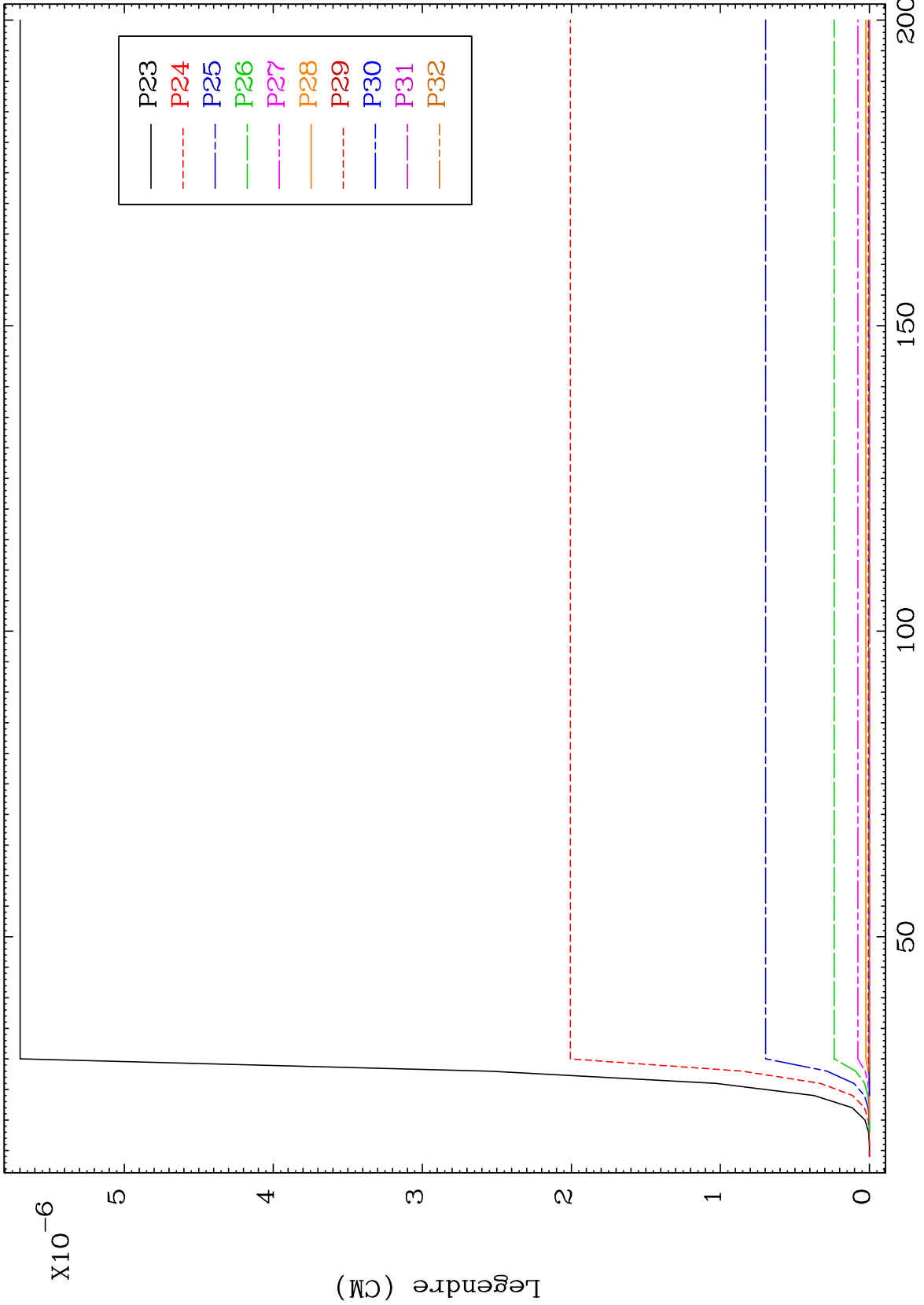
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

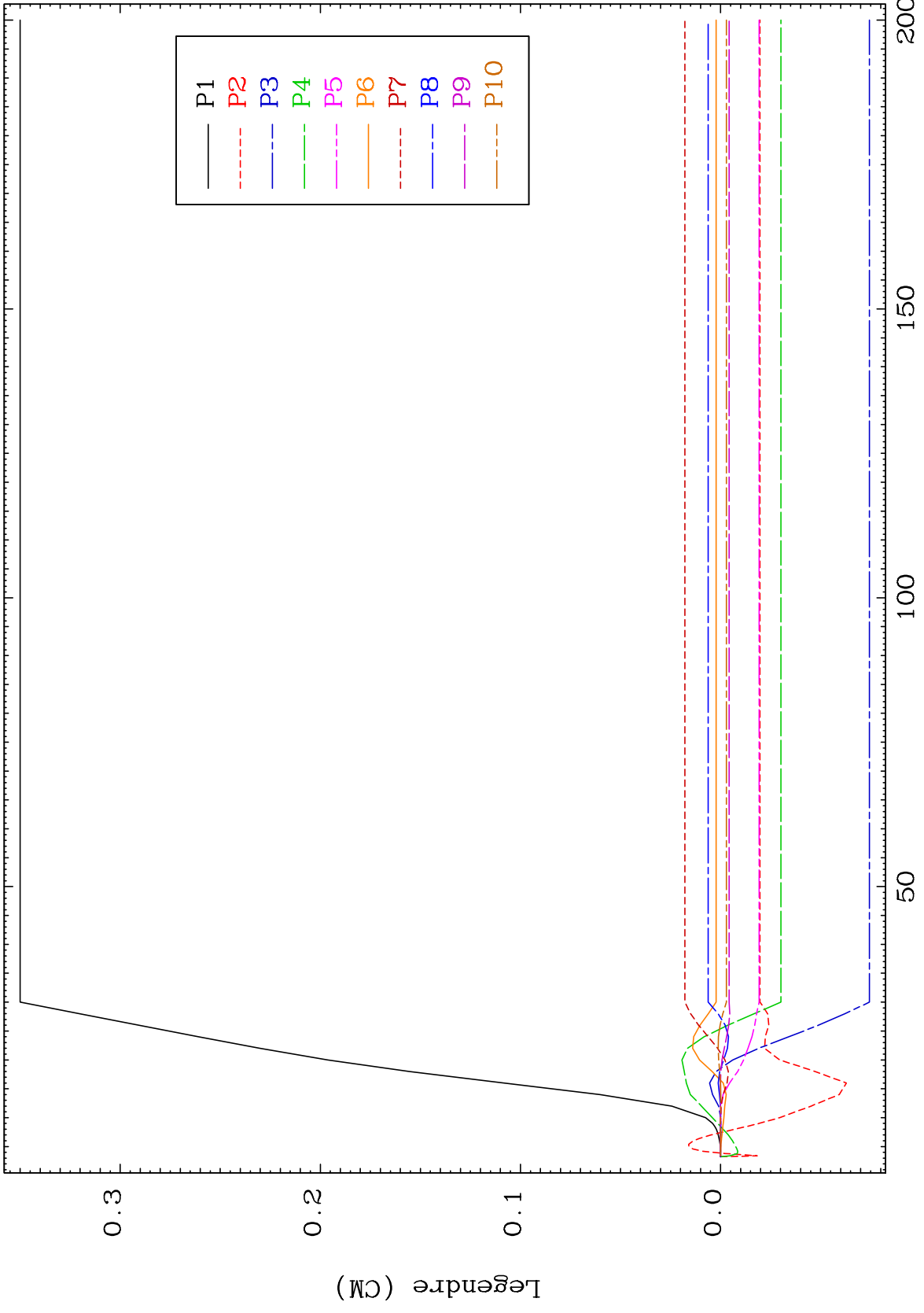


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Incident Energy (MeV)

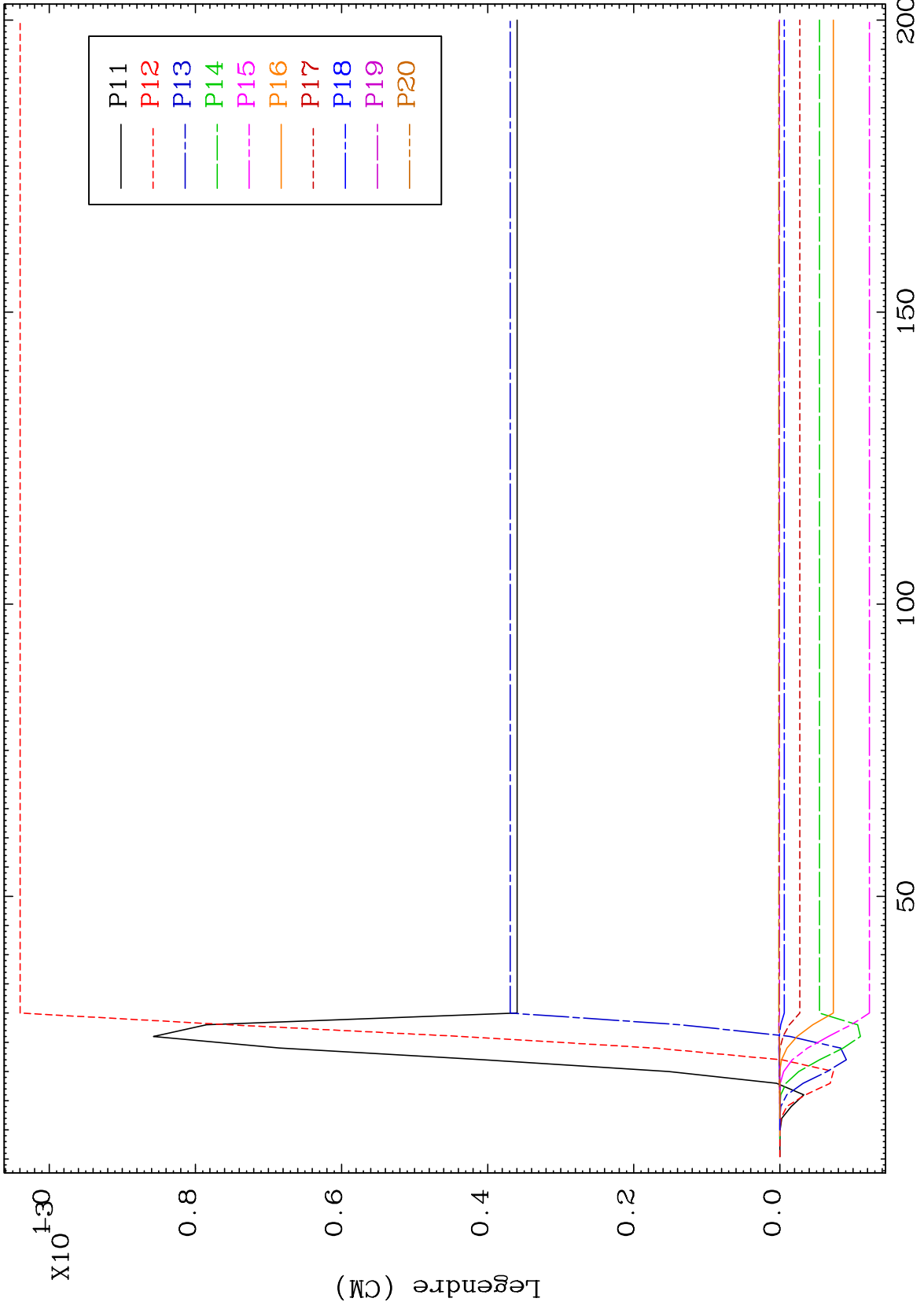
24-Cr-50

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

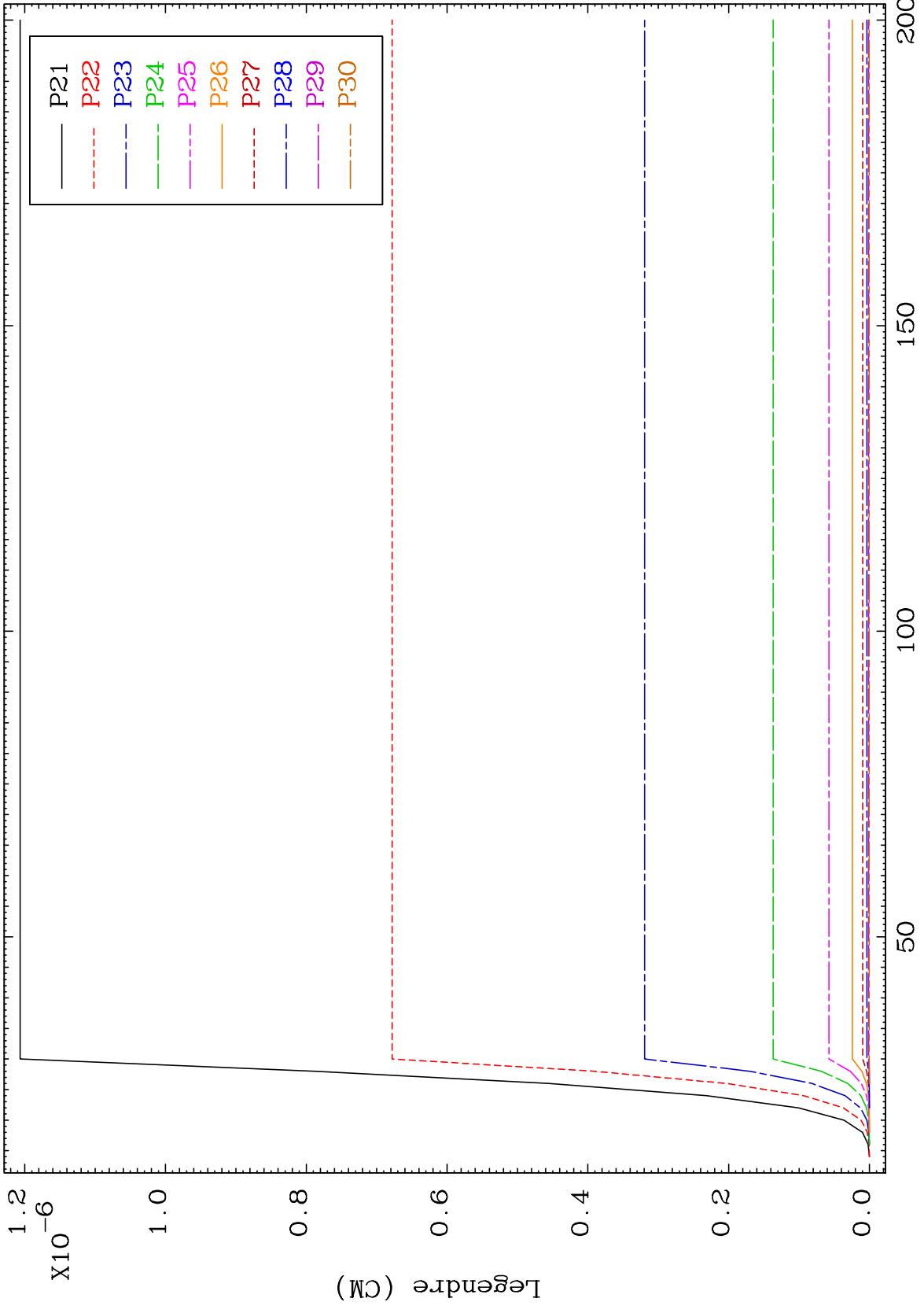


30 Incident Energy (MeV) 24-Cr-50

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



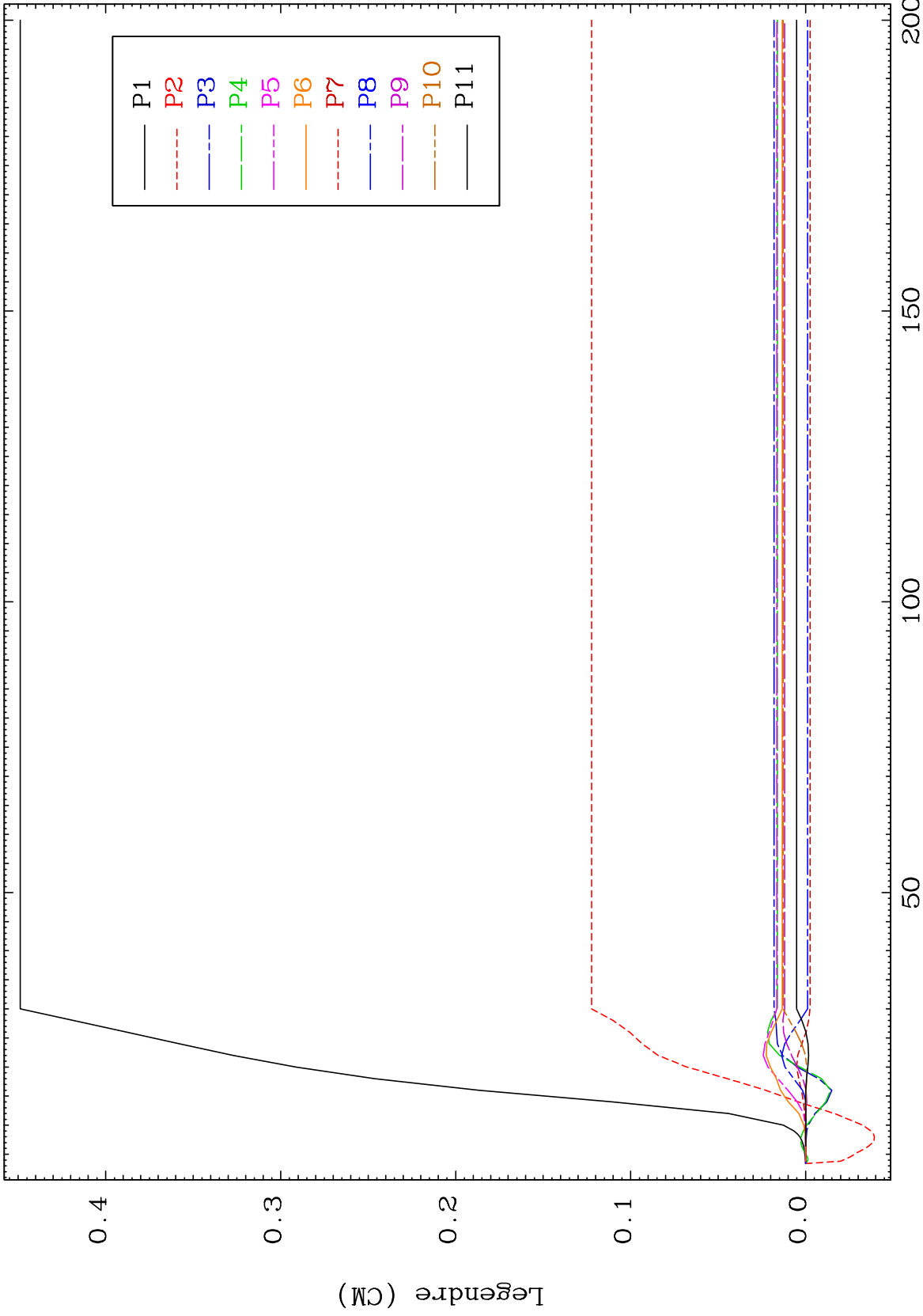
MAT 2425 MT= 55 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50



33

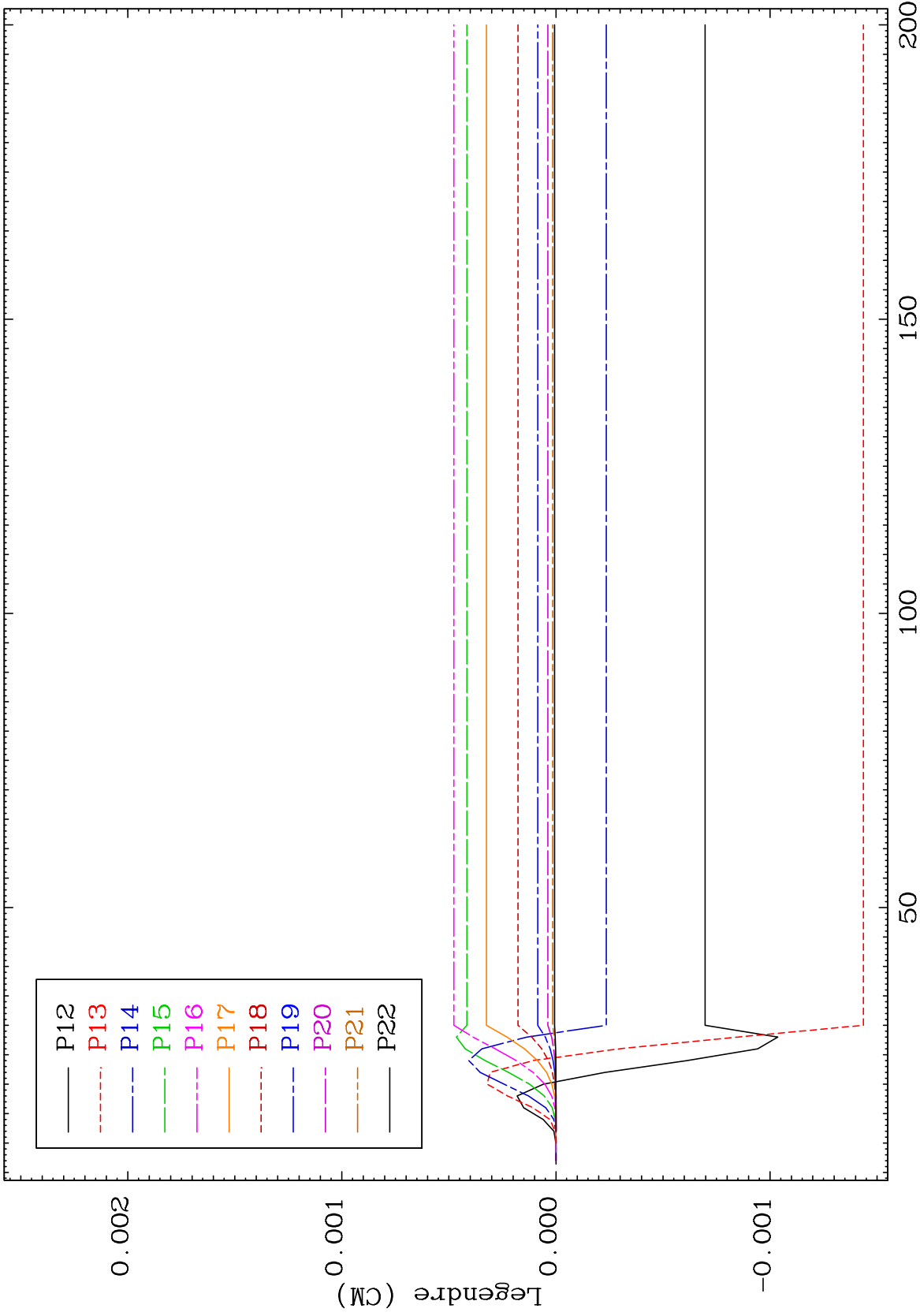
Incident Energy (MeV)

24-Cr-50

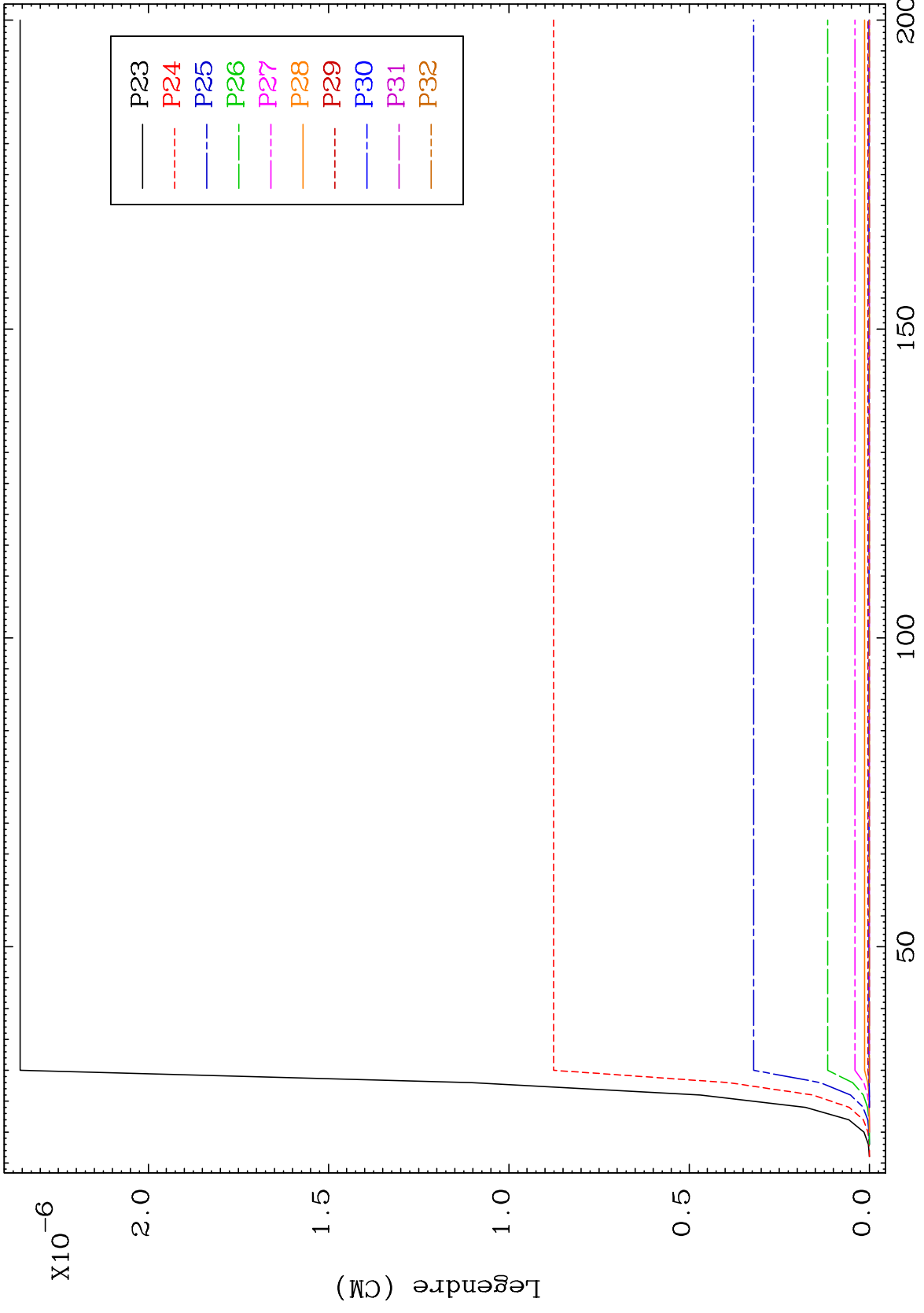
MAT 2425

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

24-Cr-50



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

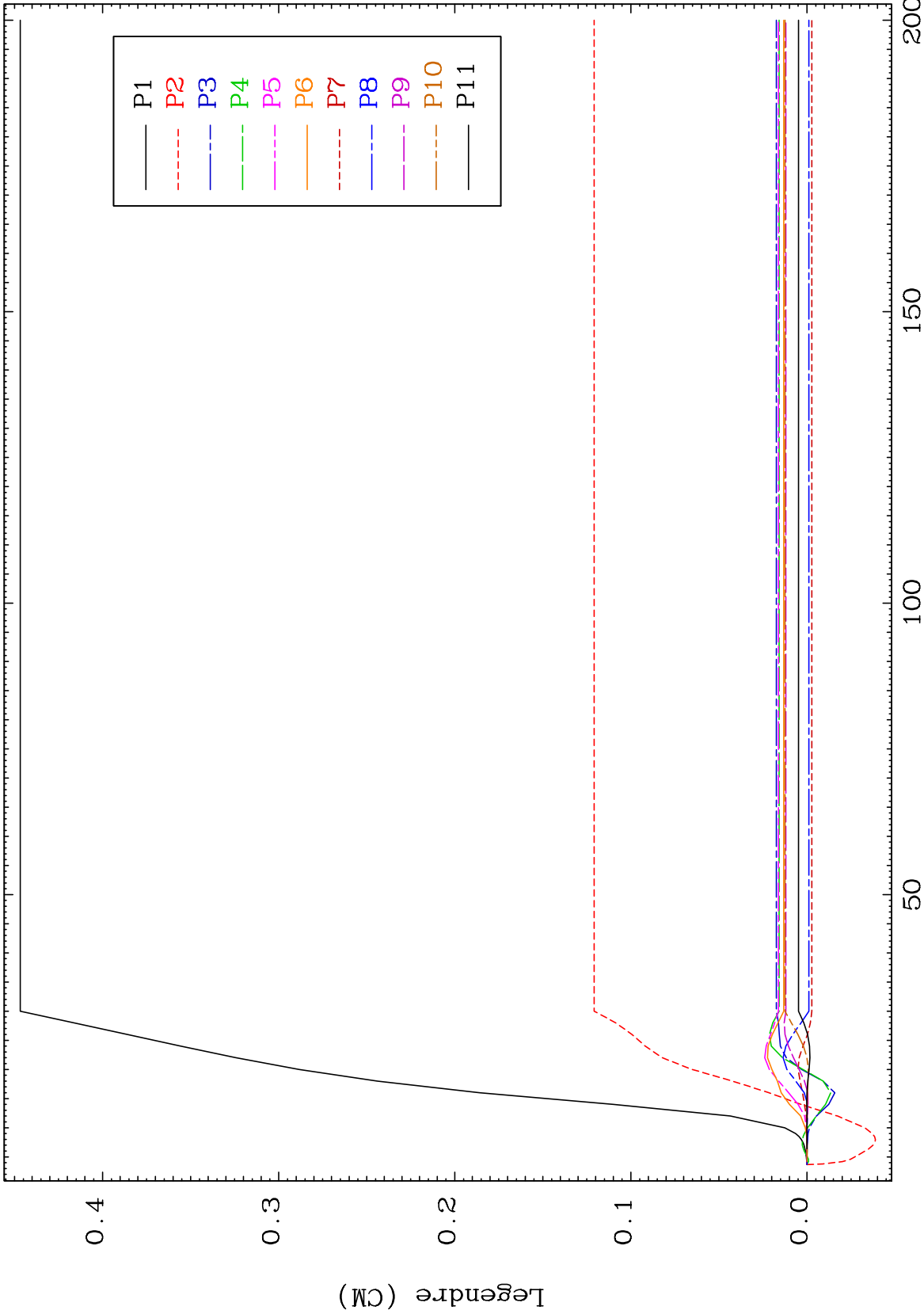


35 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50



36

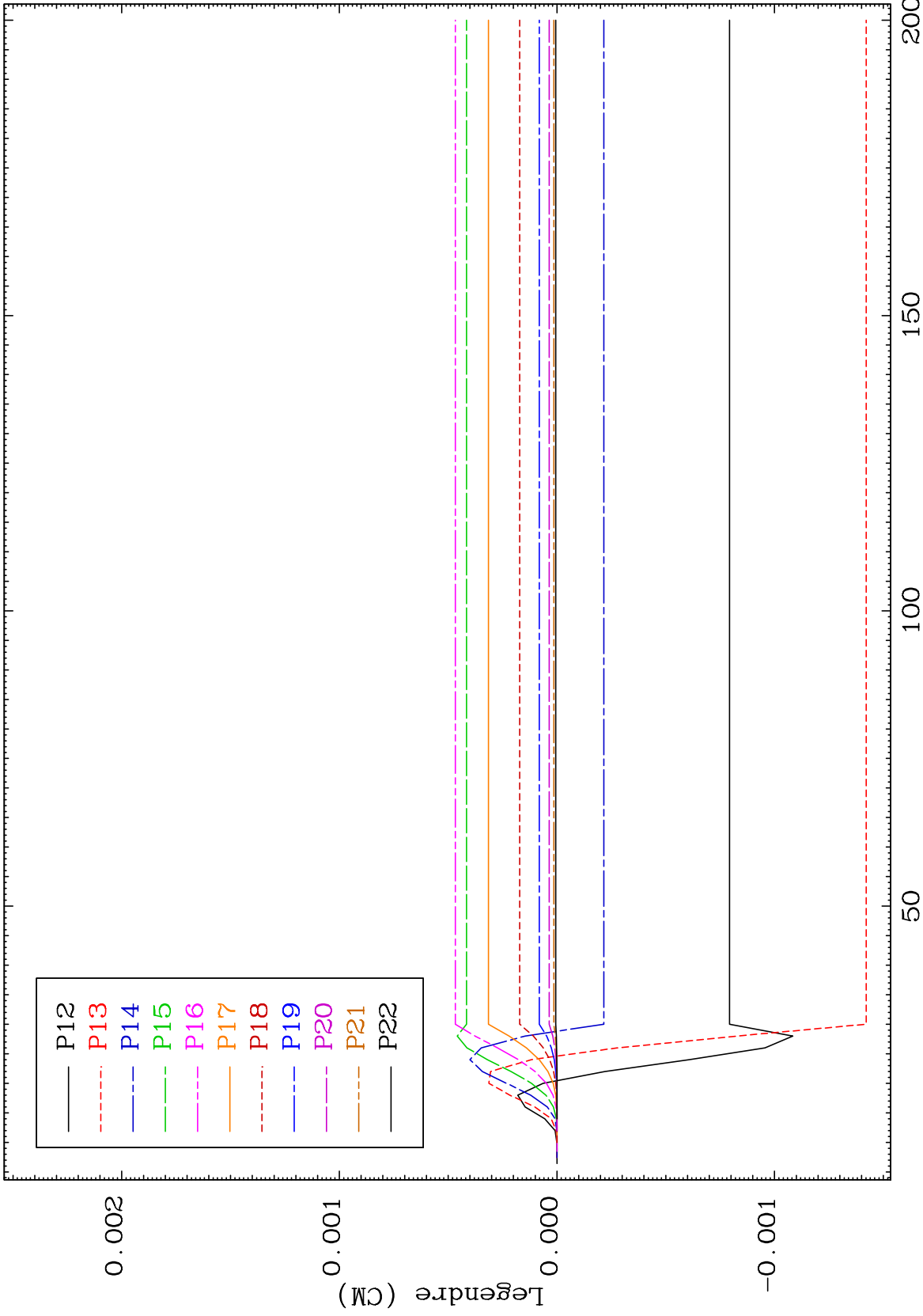
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50



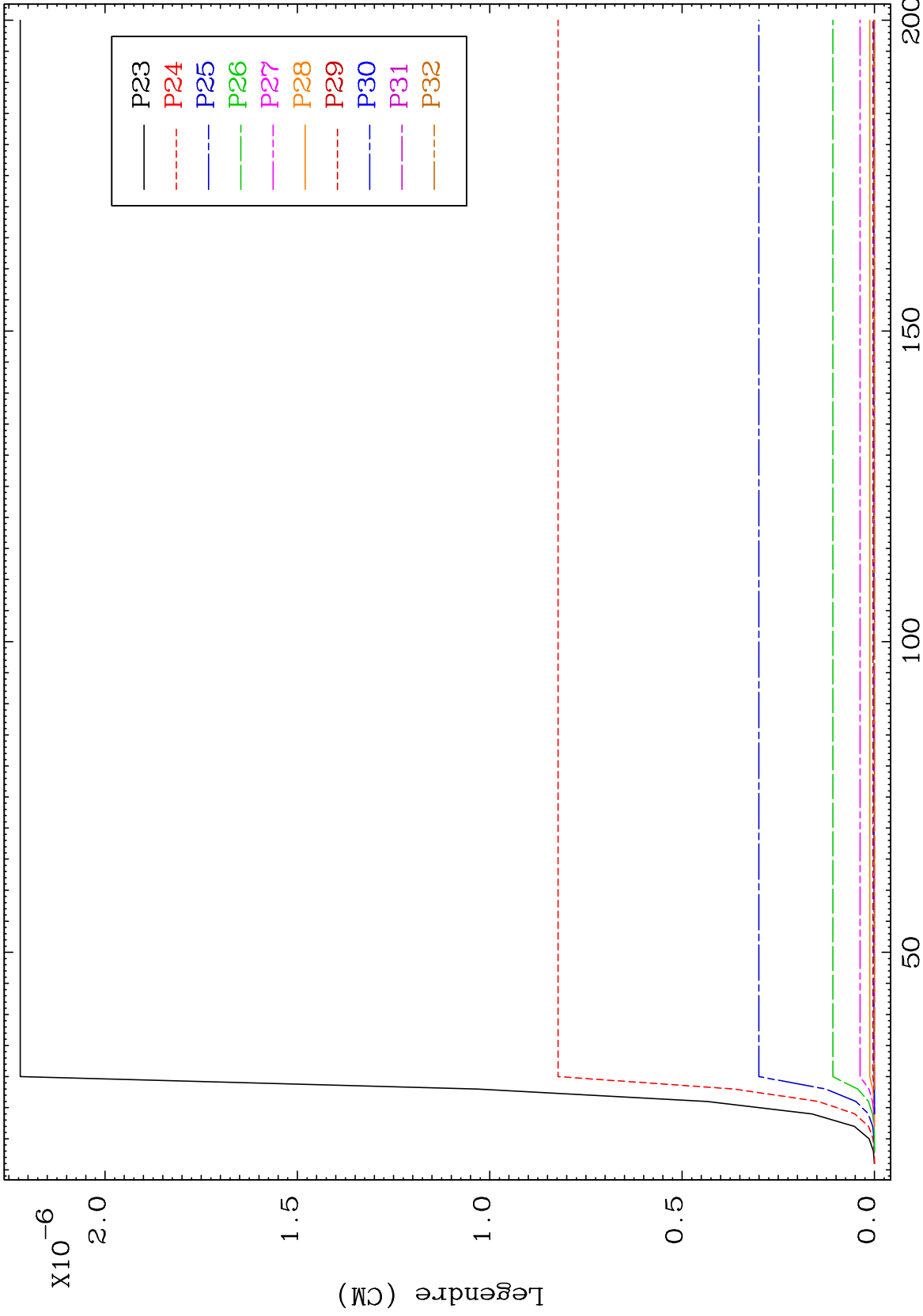
37

24-Cr-50

MAT 2425

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

24-Cr-50



38

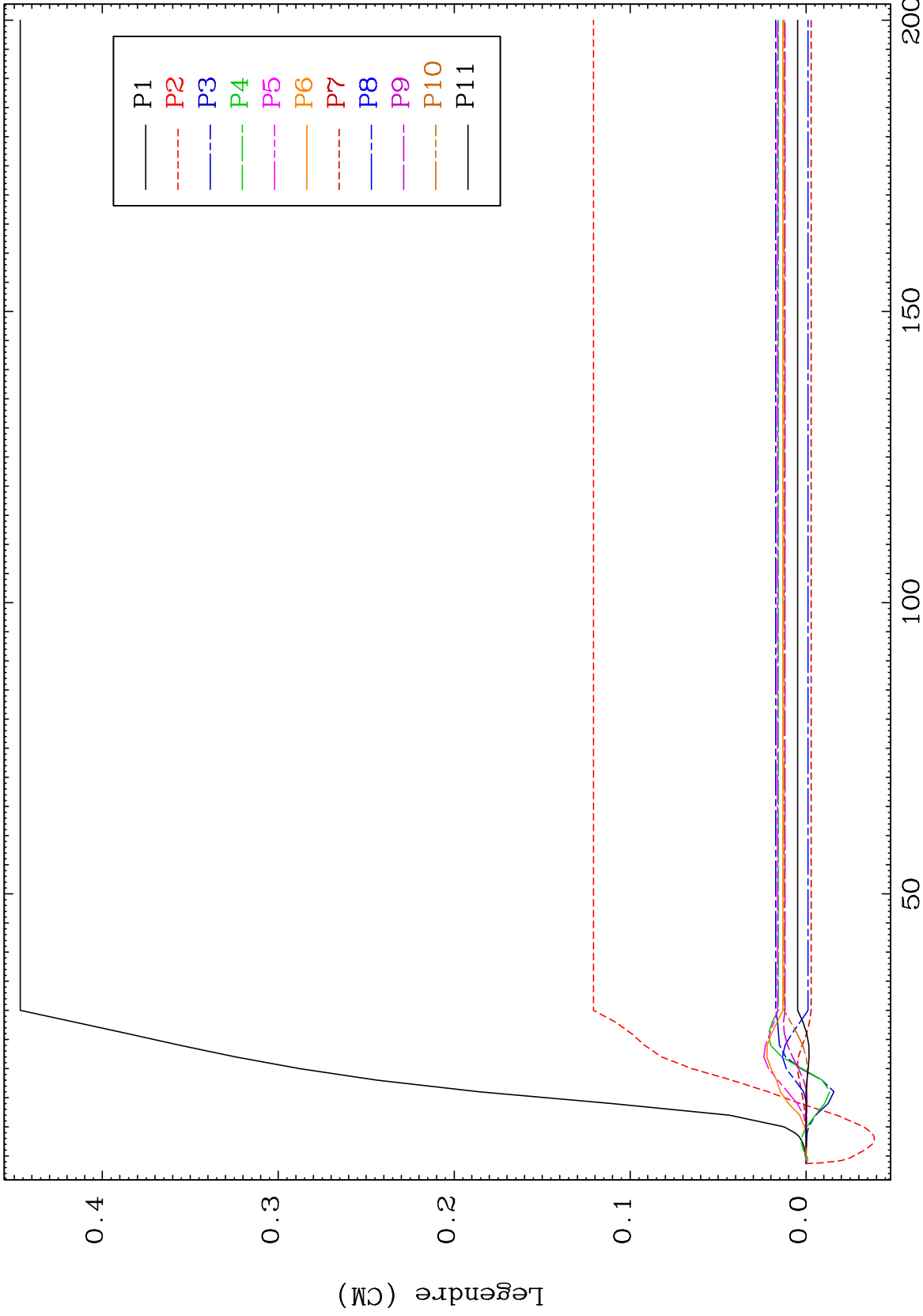
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50



39

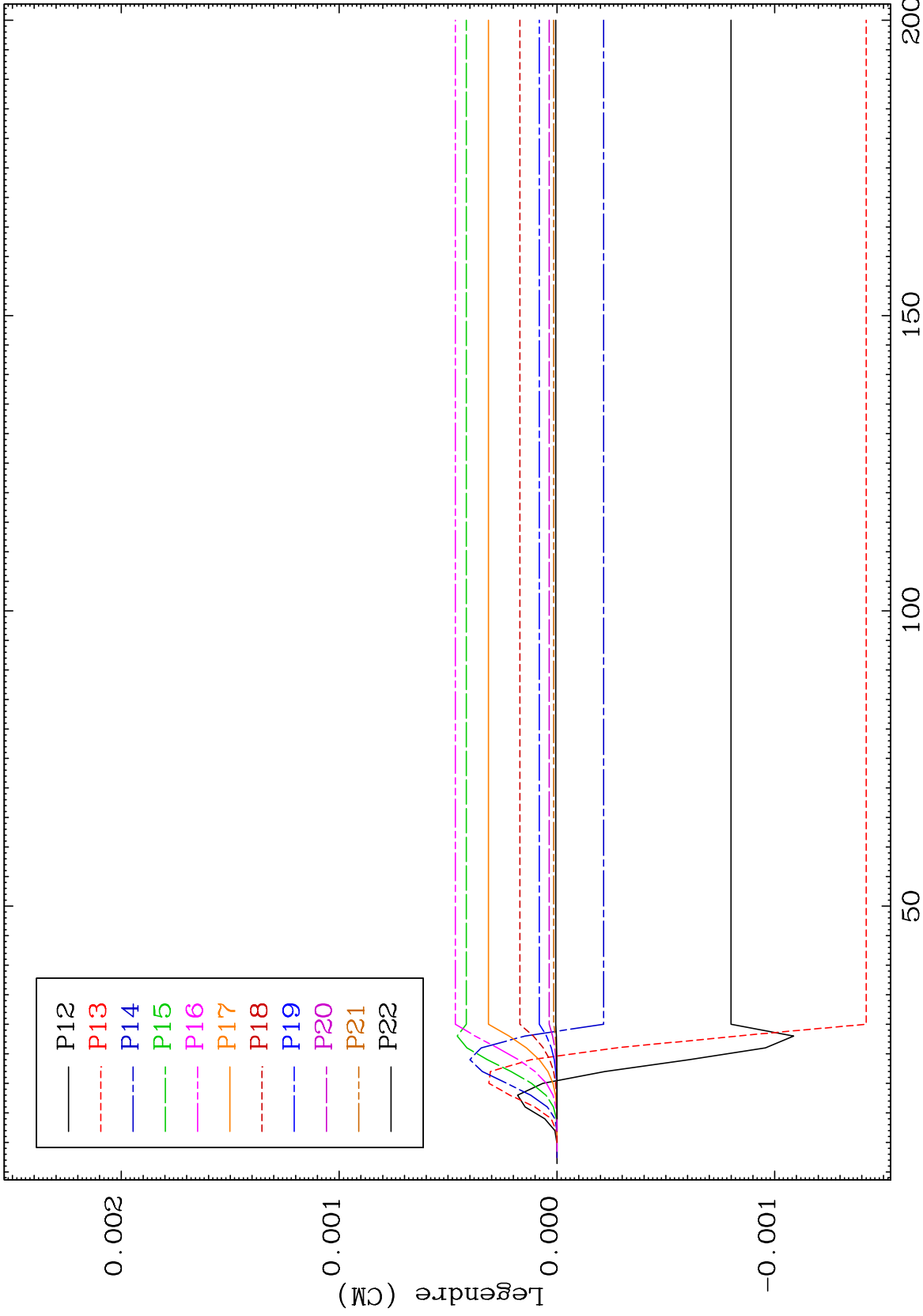
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

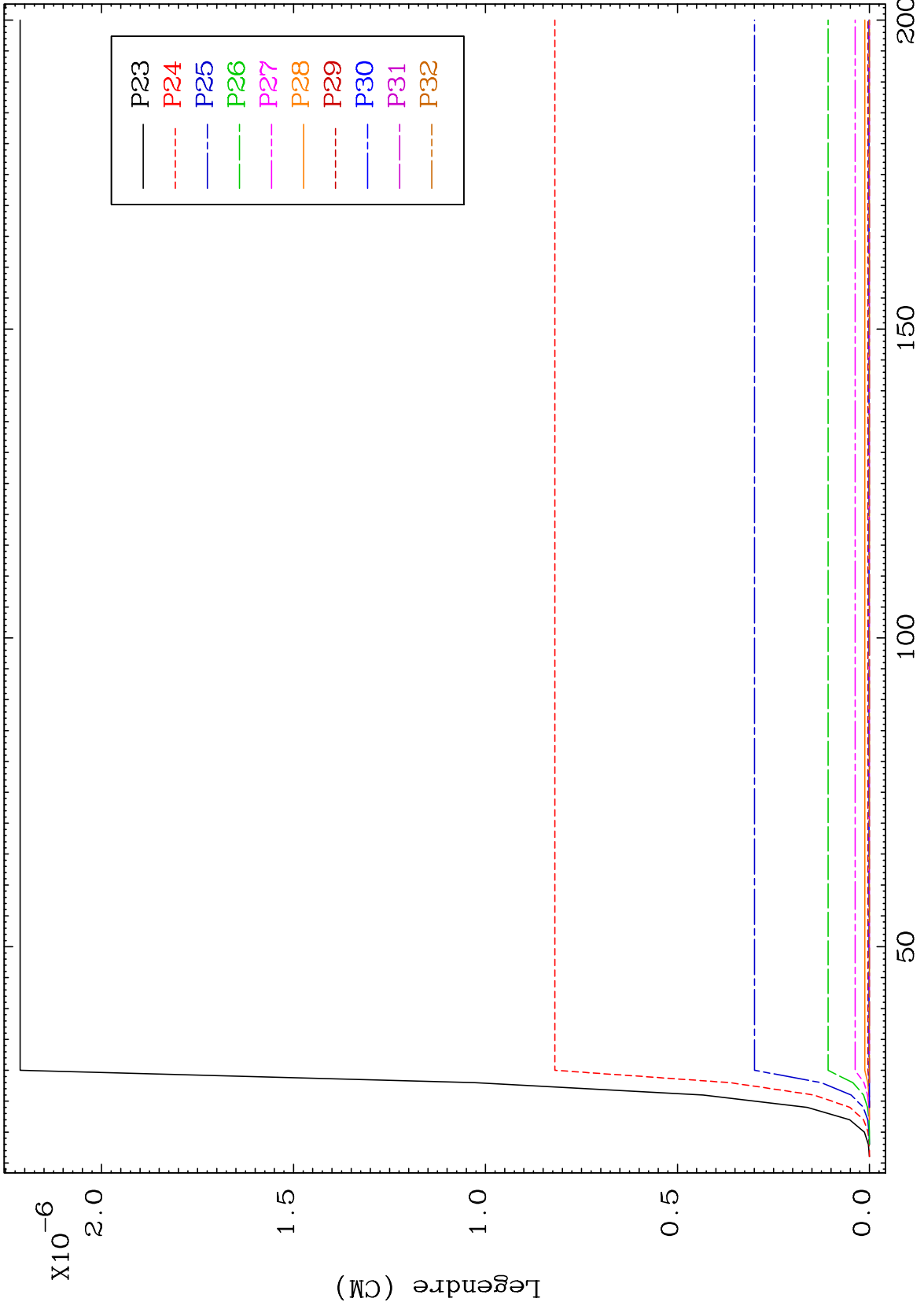
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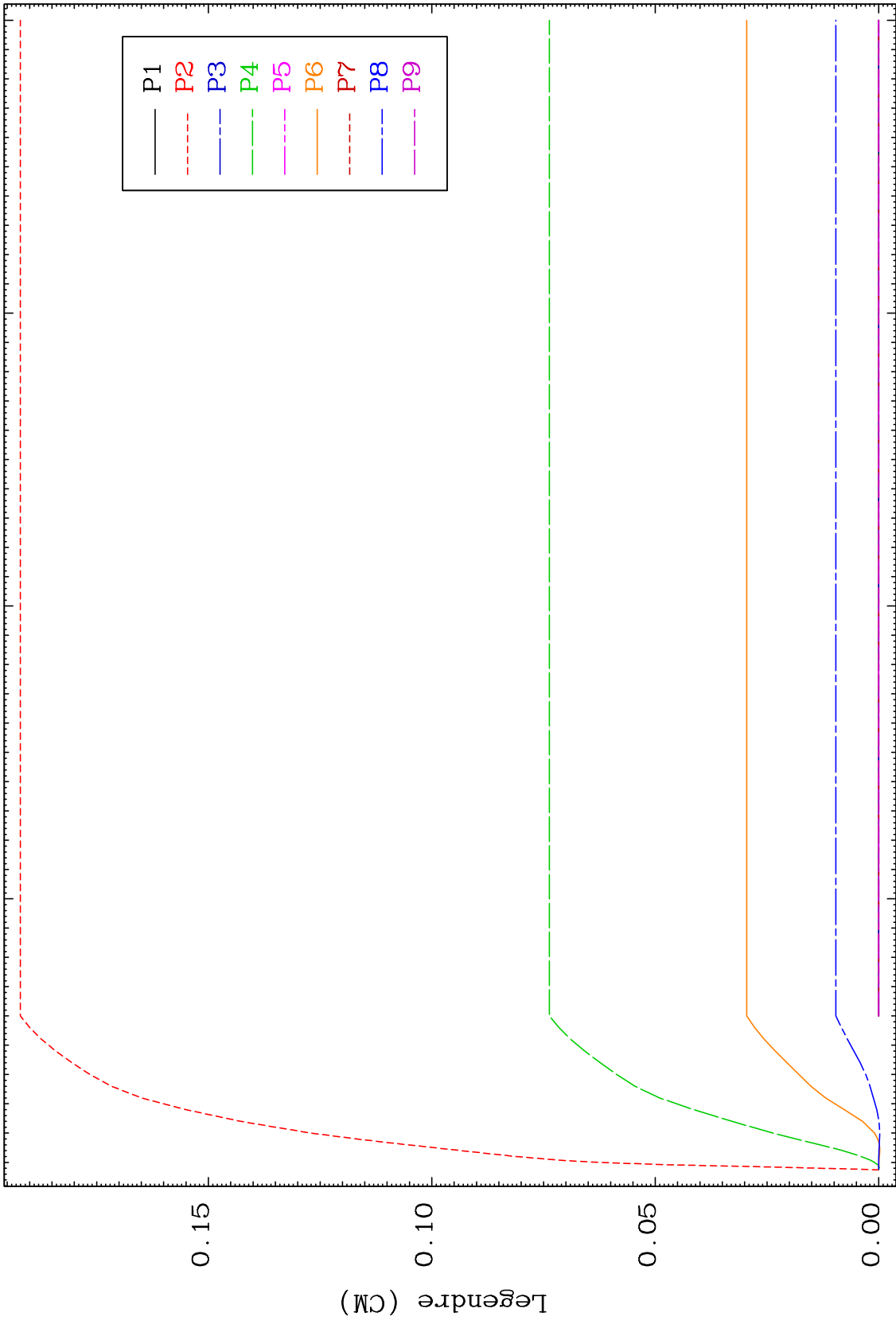
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Incident Energy (MeV)

24-Cr-50



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

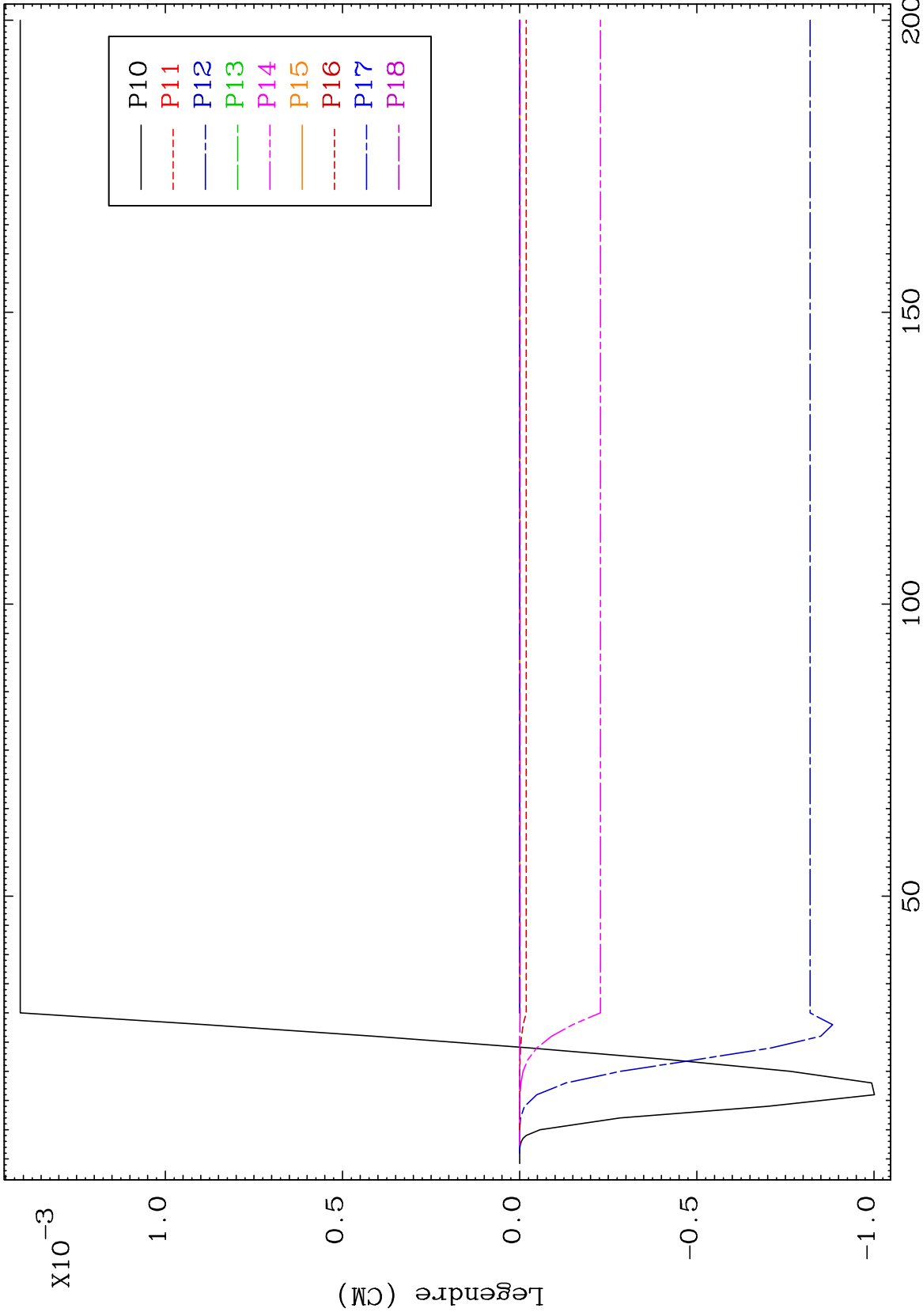


42 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

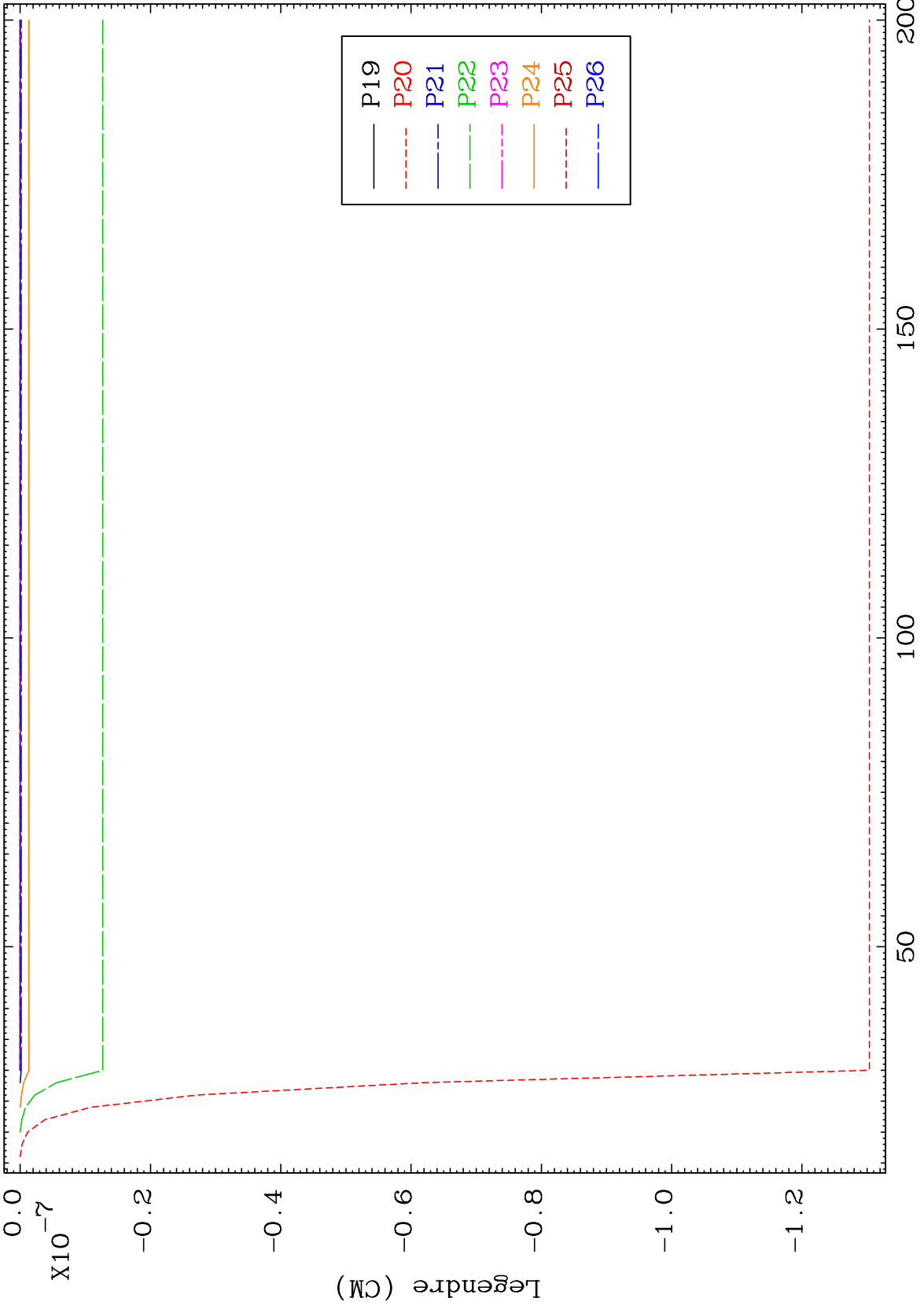


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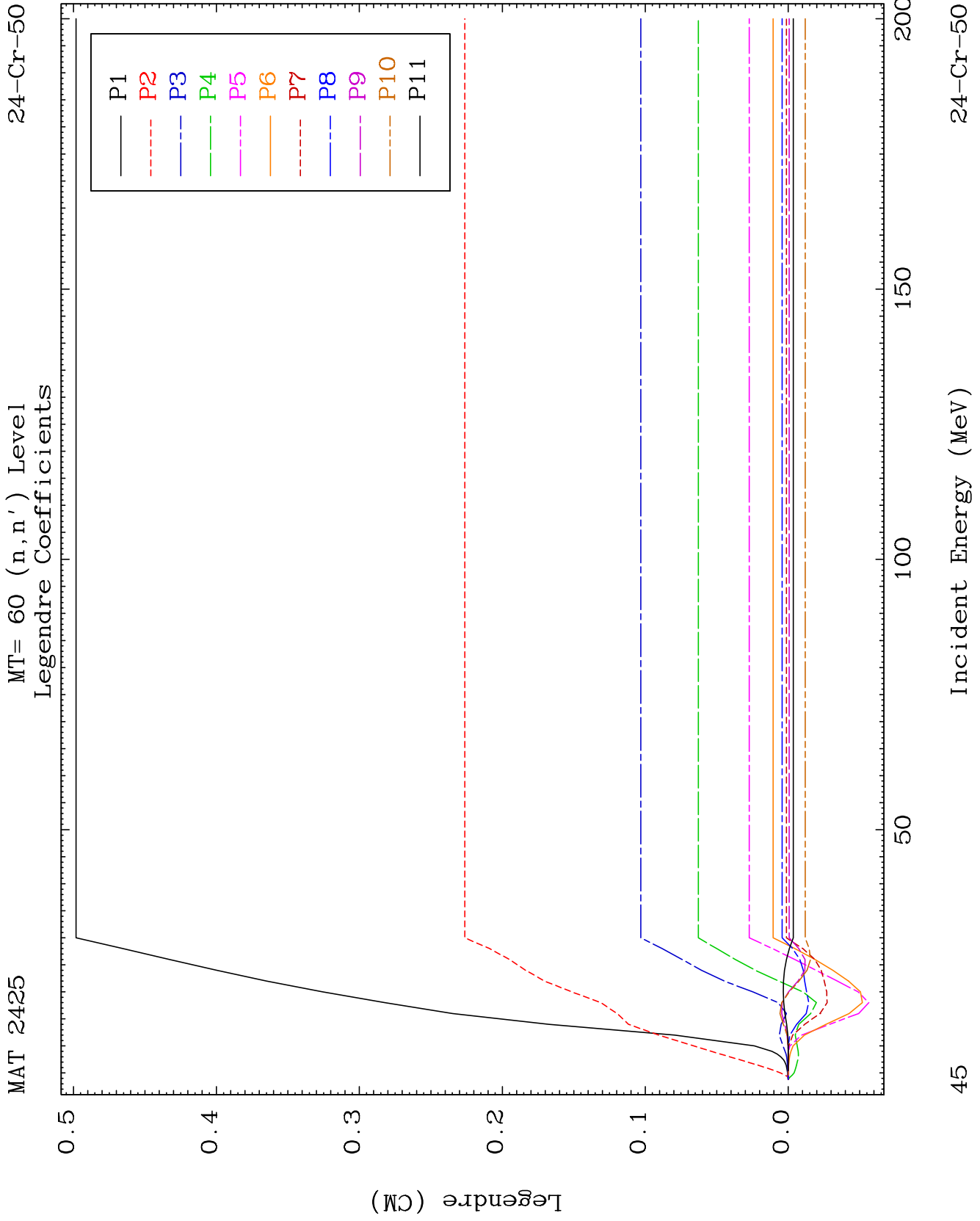
Incident Energy (MeV)

24-Cr-50

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



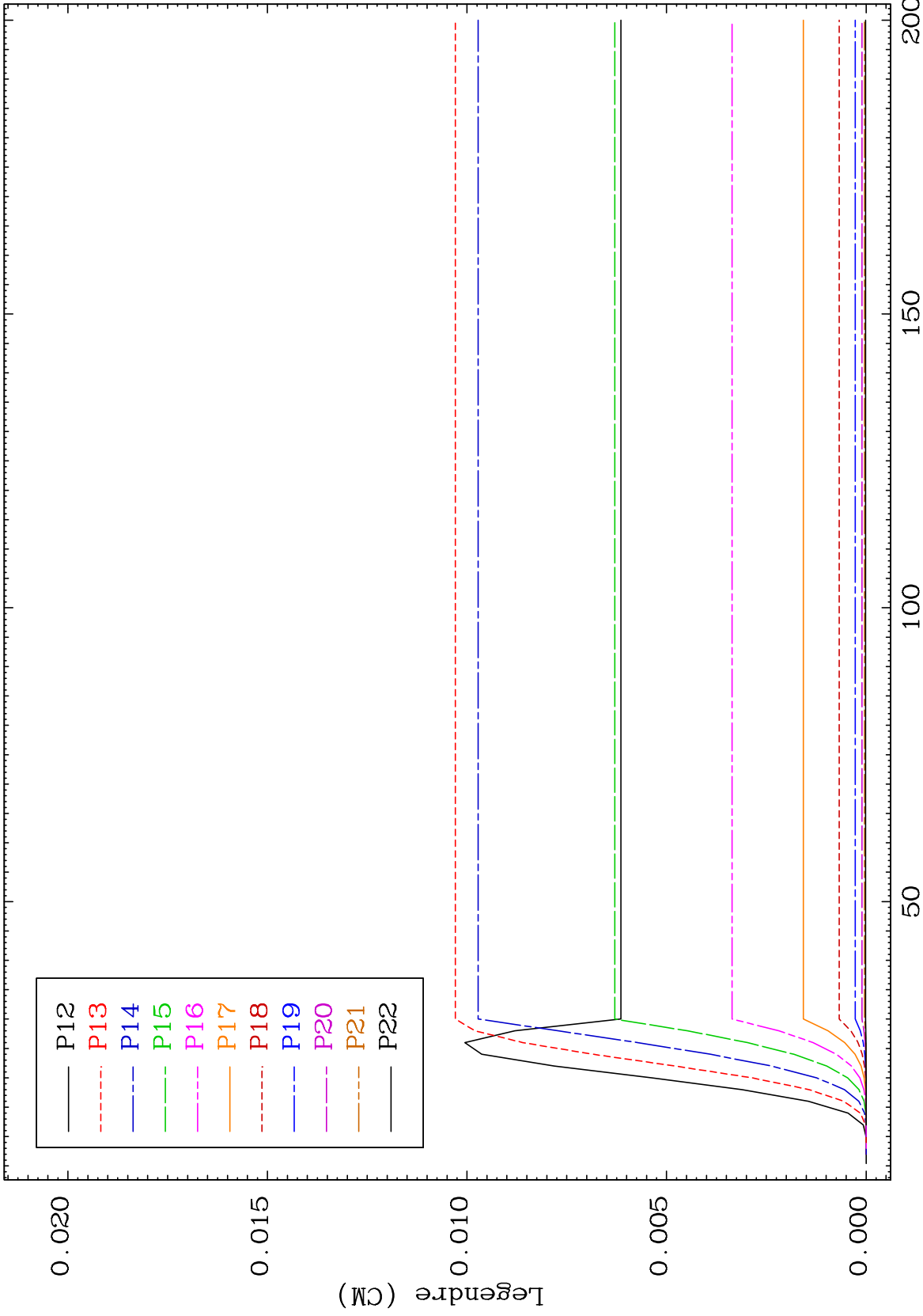
44 Incident Energy (MeV) 24-Cr-50



MAT 2425

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

24-Cr-50



46

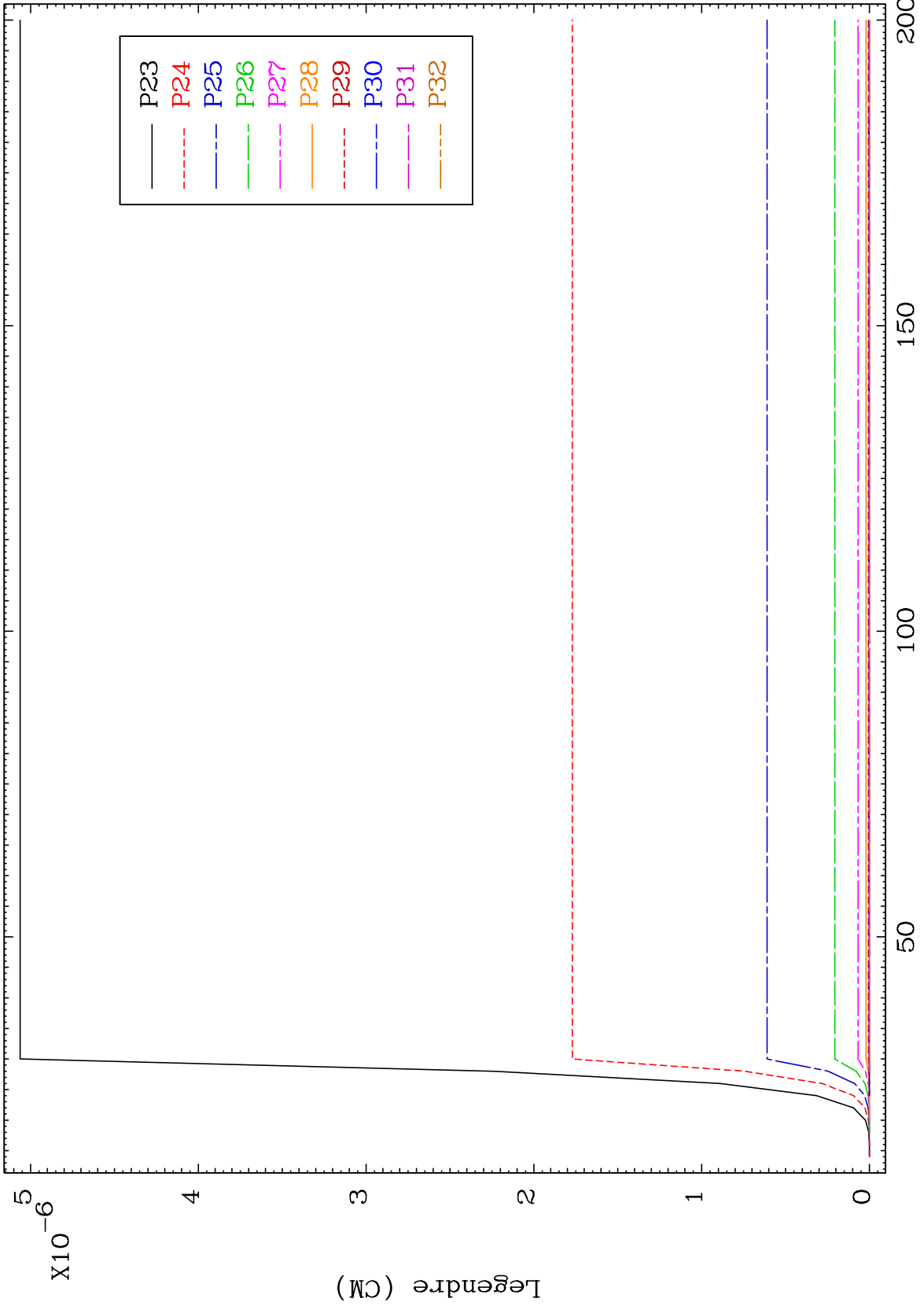
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50



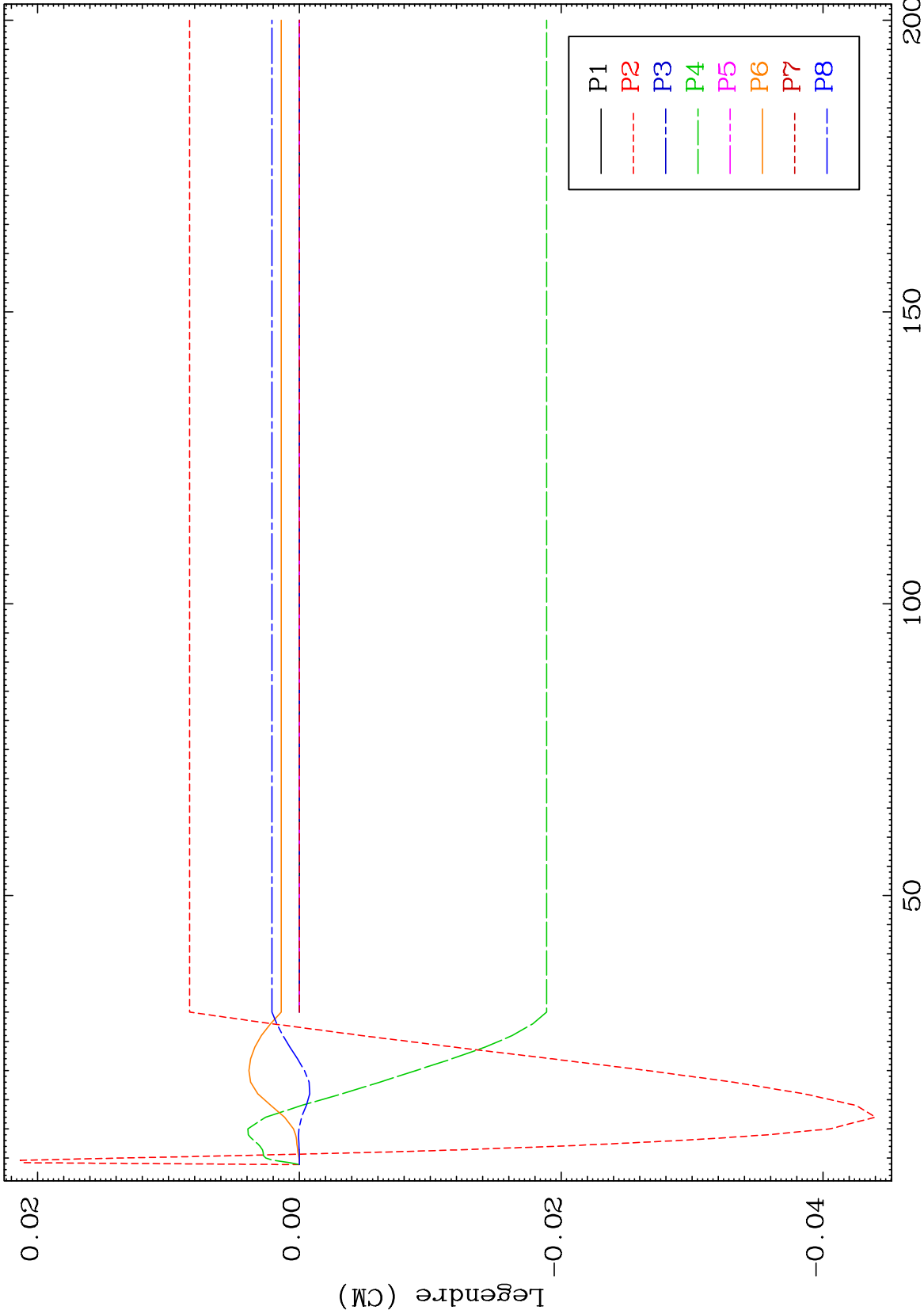
47

Incident Energy (MeV)

24-Cr-50

MAT 2425 MT= 61 (n,n') Level Legendre Coefficients

24-Cr-50



24-Cr-50

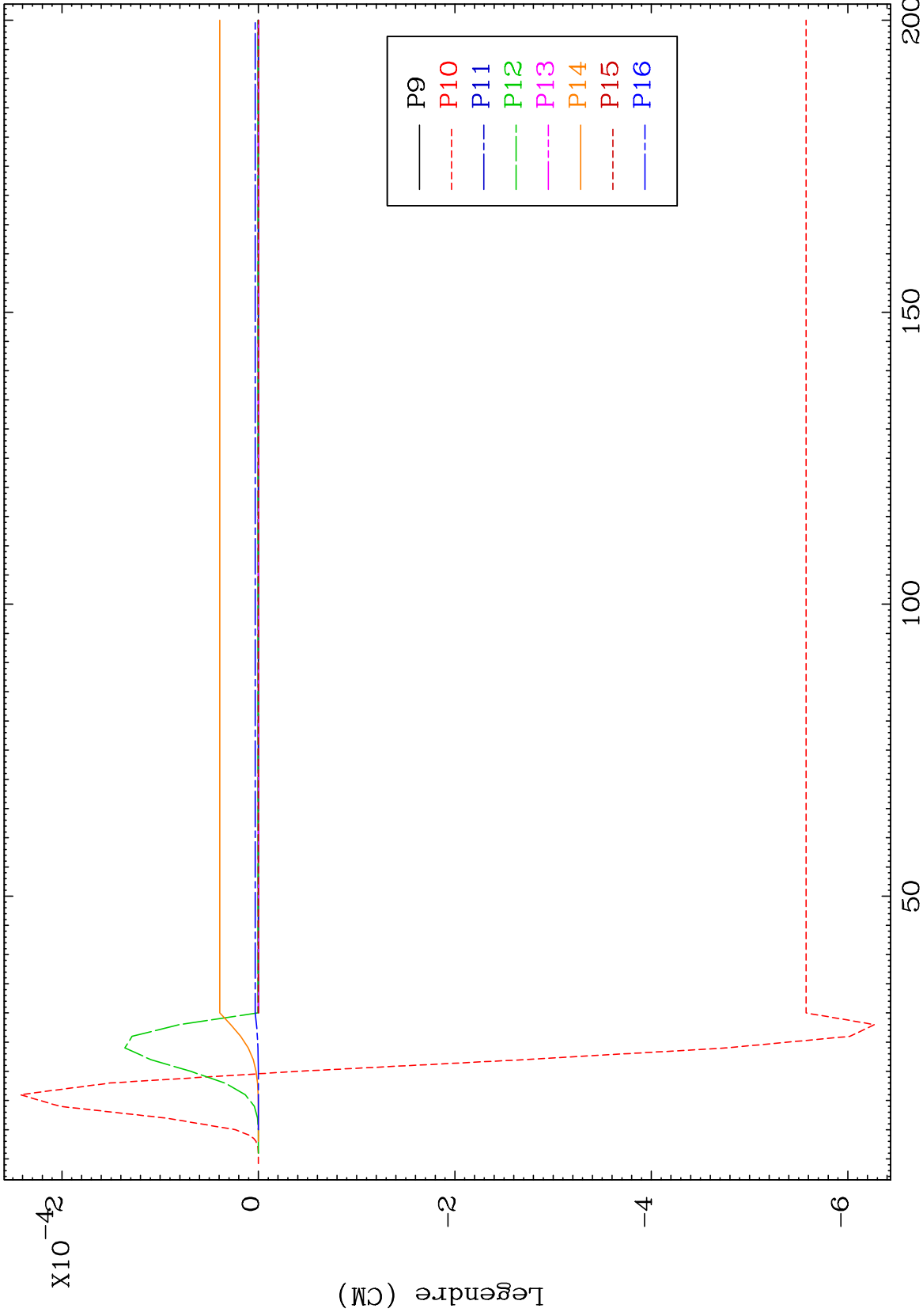
Incident Energy (MeV)

48

MAT 2425

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

24-Cr-50



49

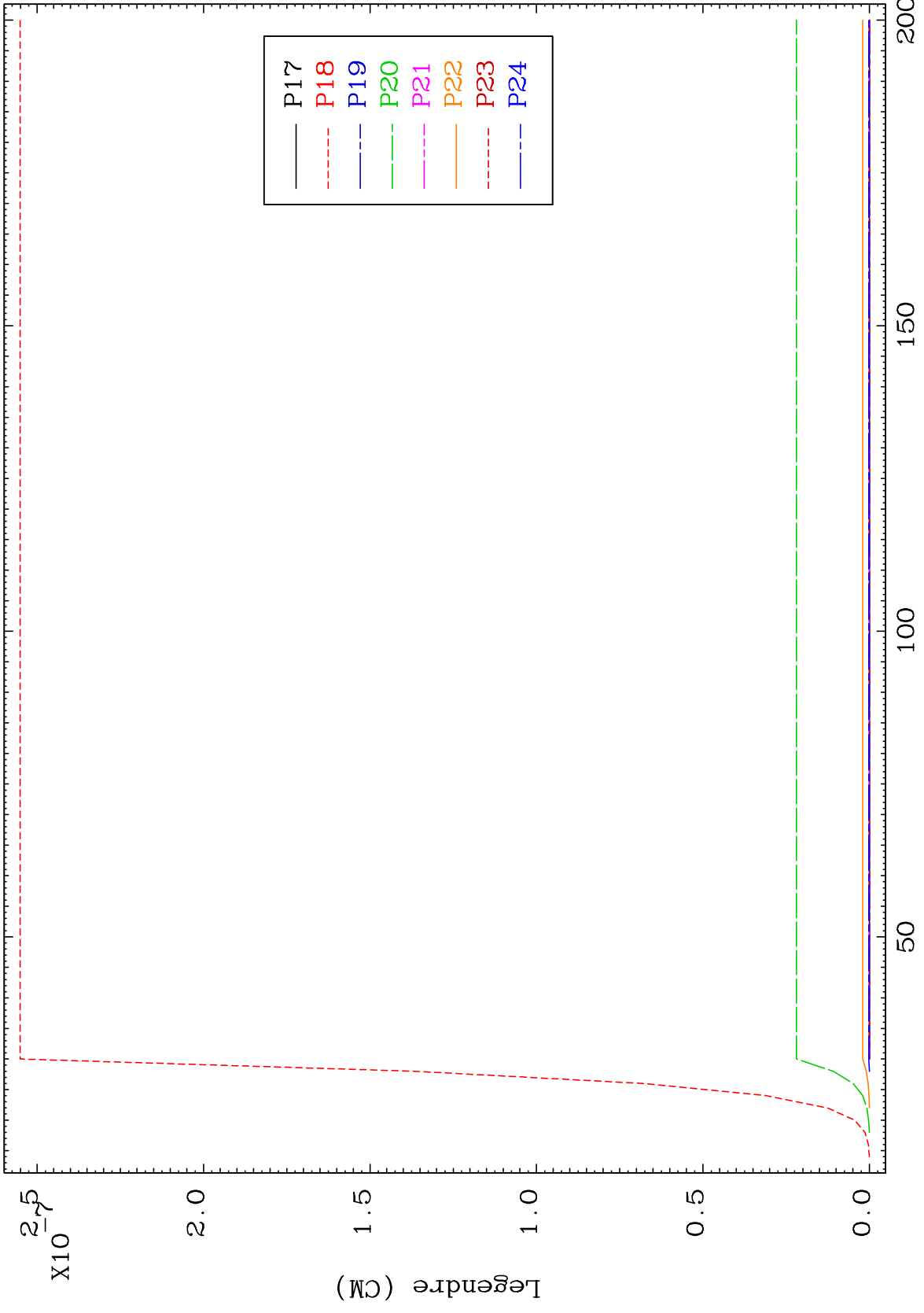
Incident Energy (MeV)

24-Cr-50

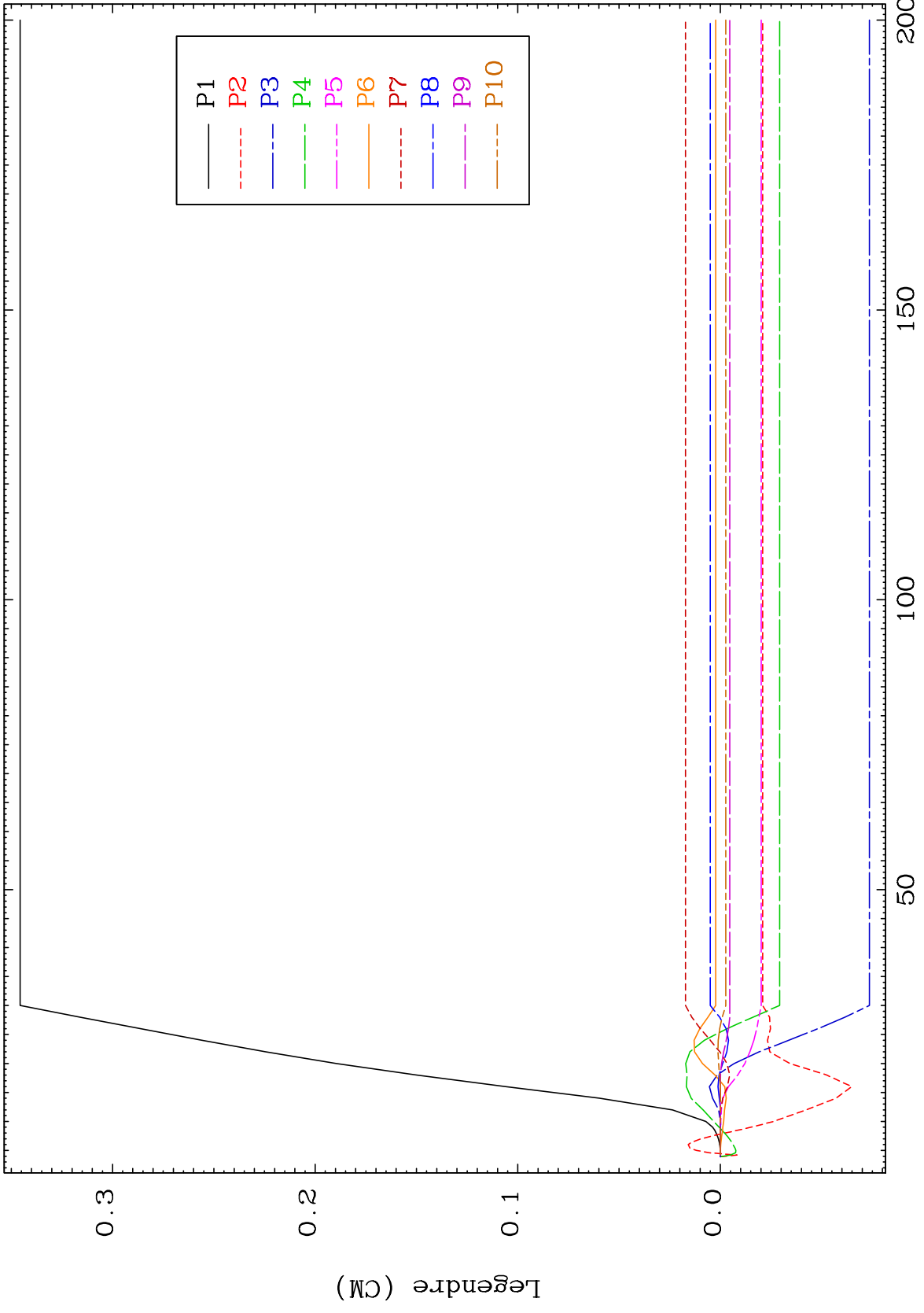
MAT 2425 MT= 61 (n,n') Level Legendre Coefficients

24-Cr-50

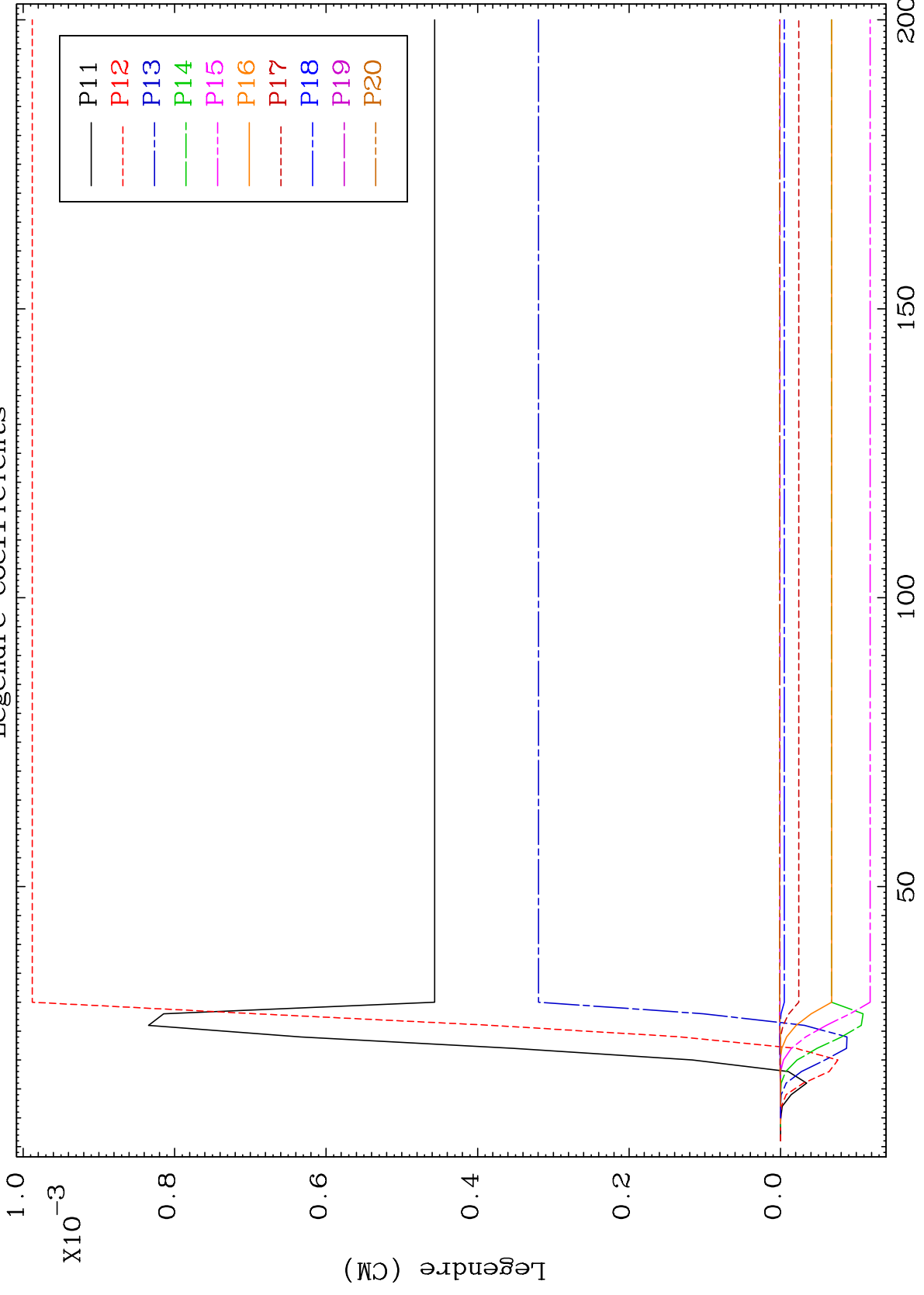
24-Cr-50



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



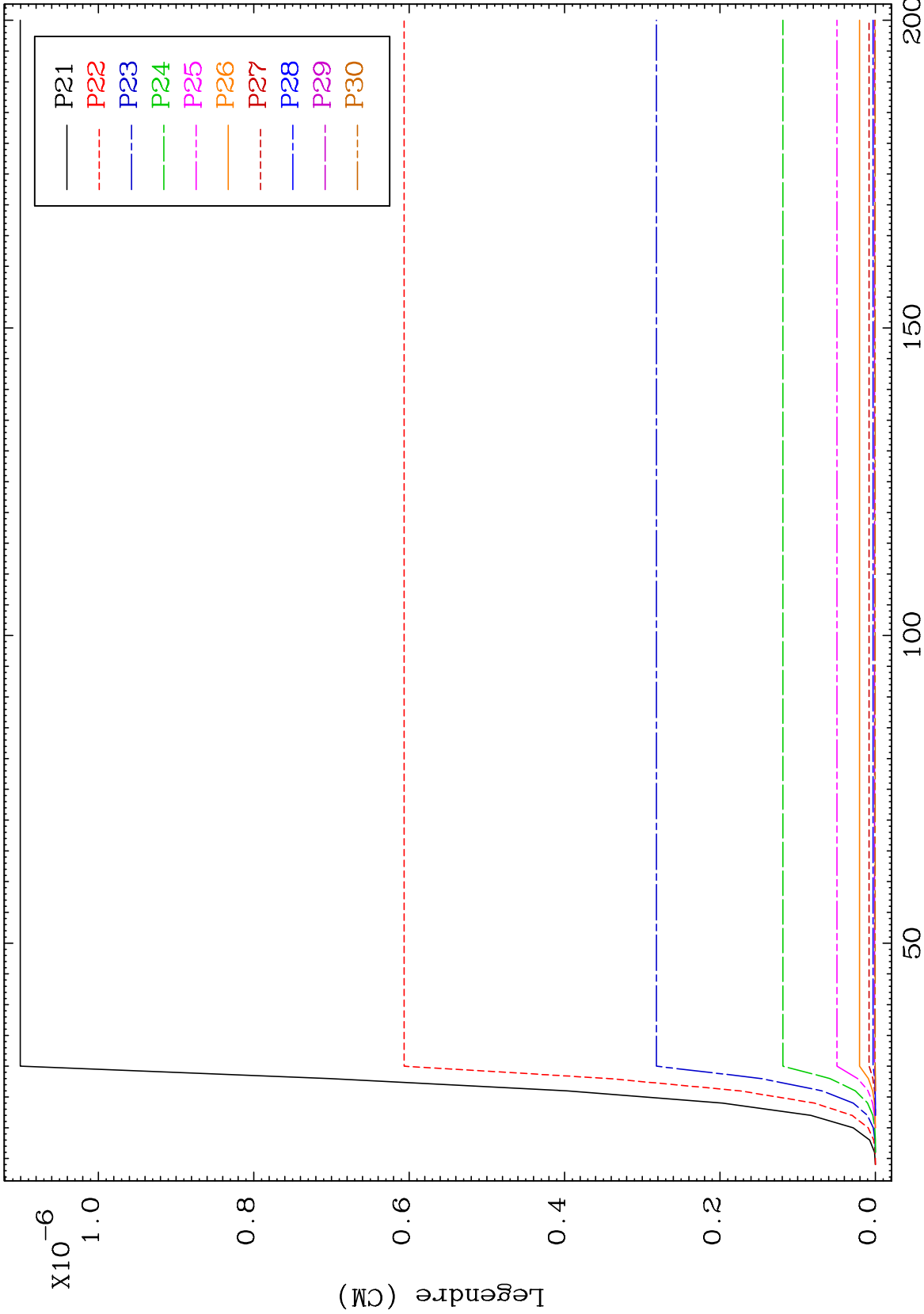
MAT 2425 MT= 62 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

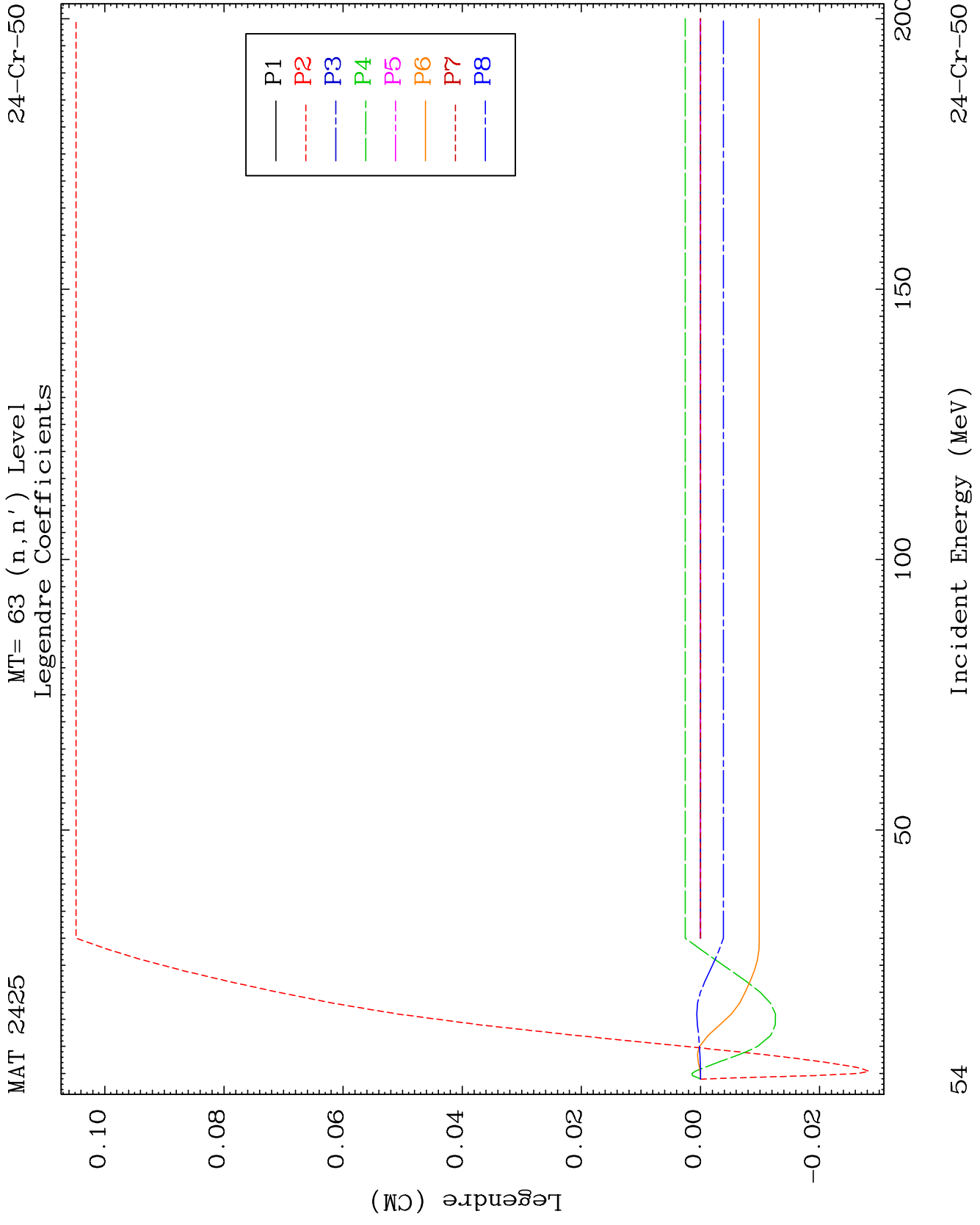
24-Cr-50



53

Incident Energy (MeV)

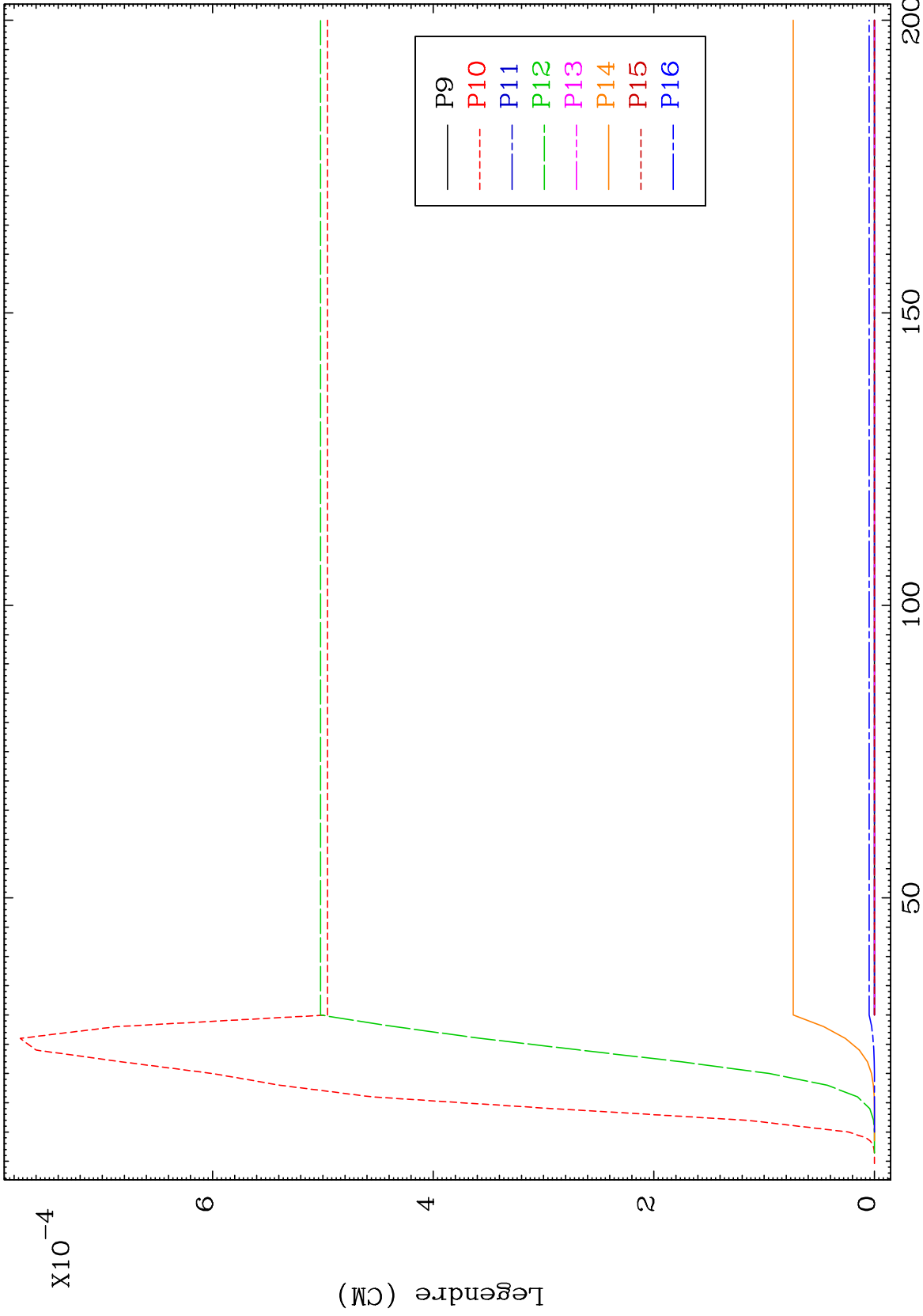
24-Cr-50



MAT 2425

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

24-Cr-50

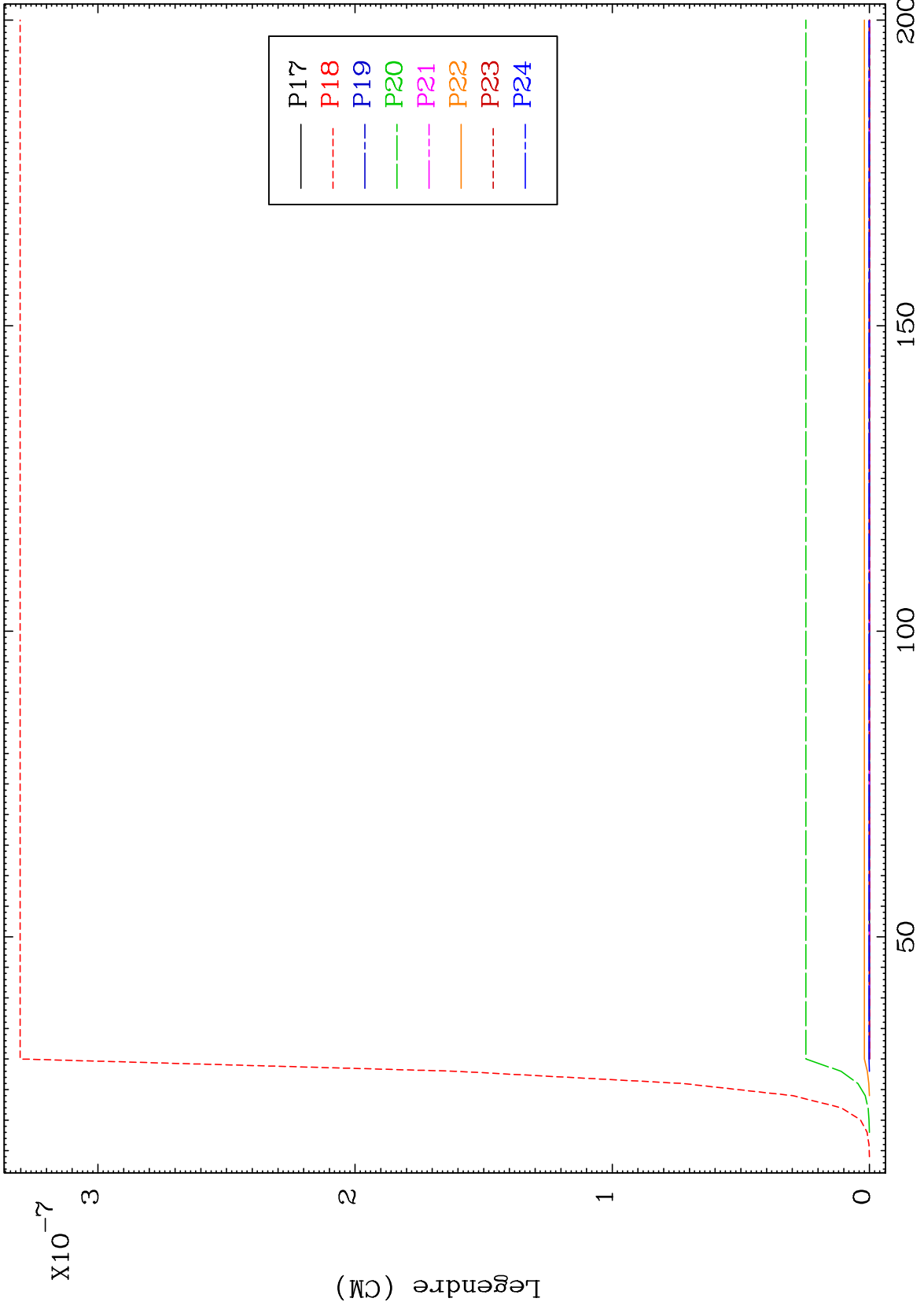


55

Incident Energy (MeV)

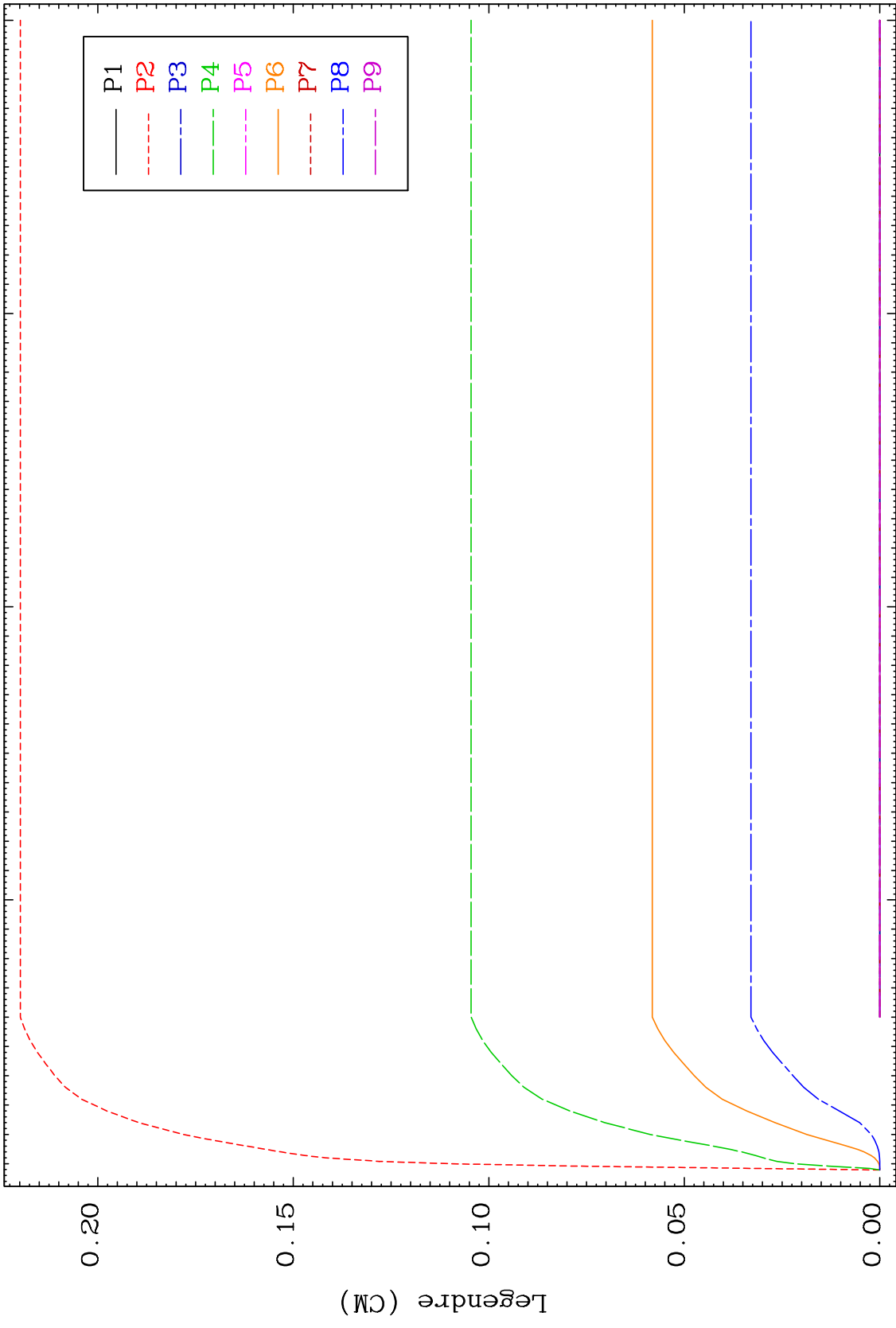
24-Cr-50

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



56 200 24-Cr-50

MAT 2425 MT= 64 (n,n') Level Legendre Coefficients 24-Cr-50

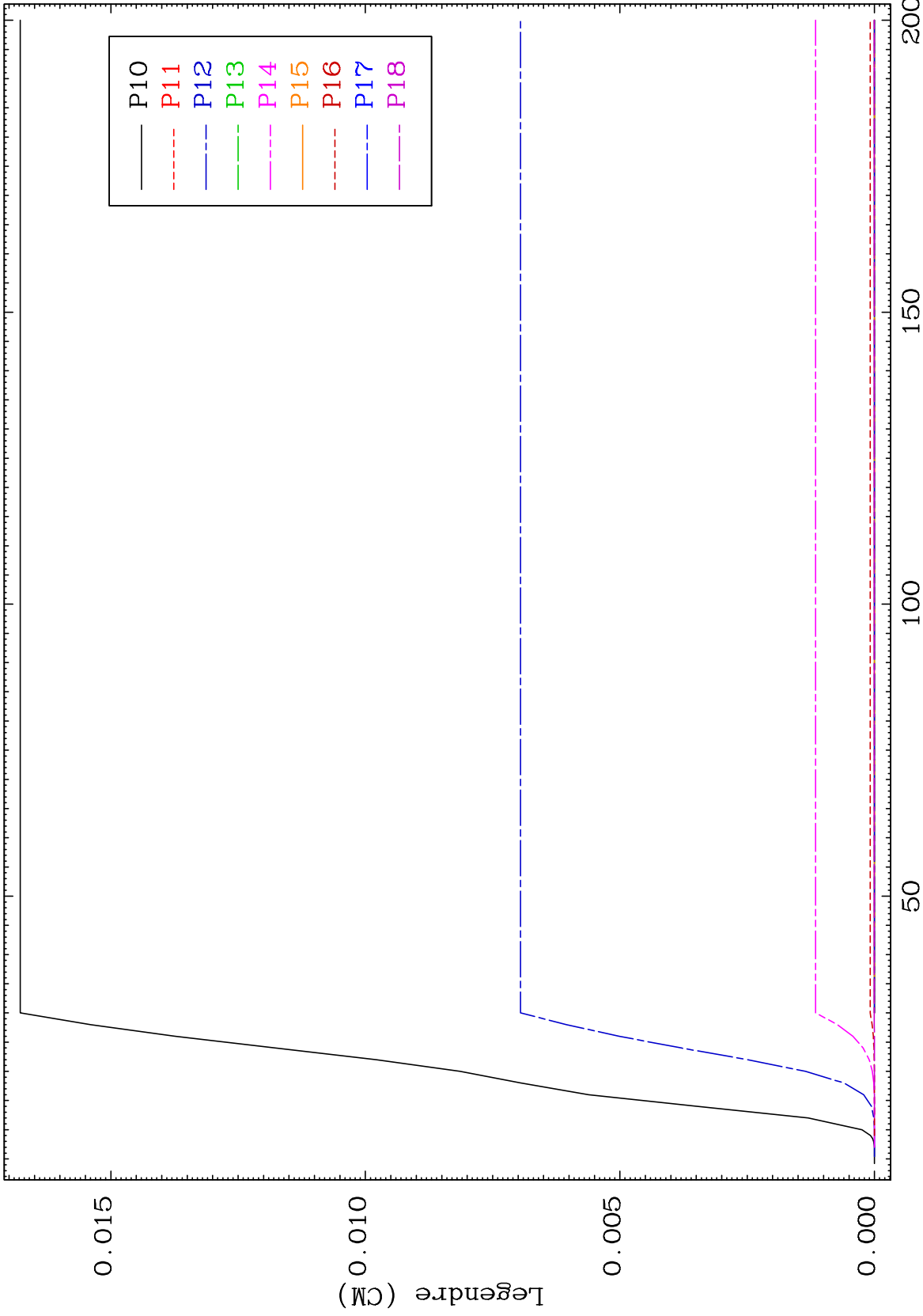


57 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

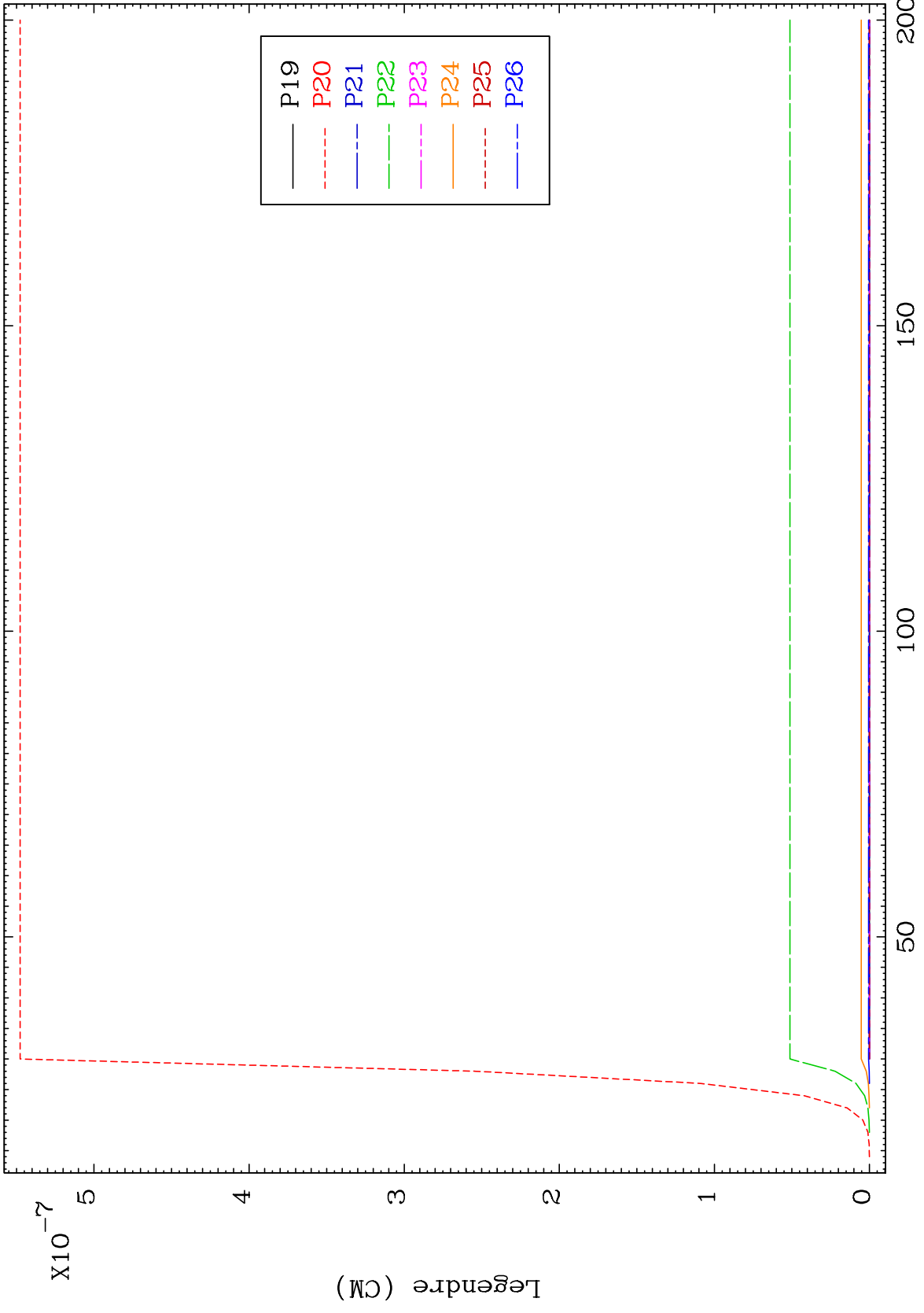


58

Incident Energy (MeV)

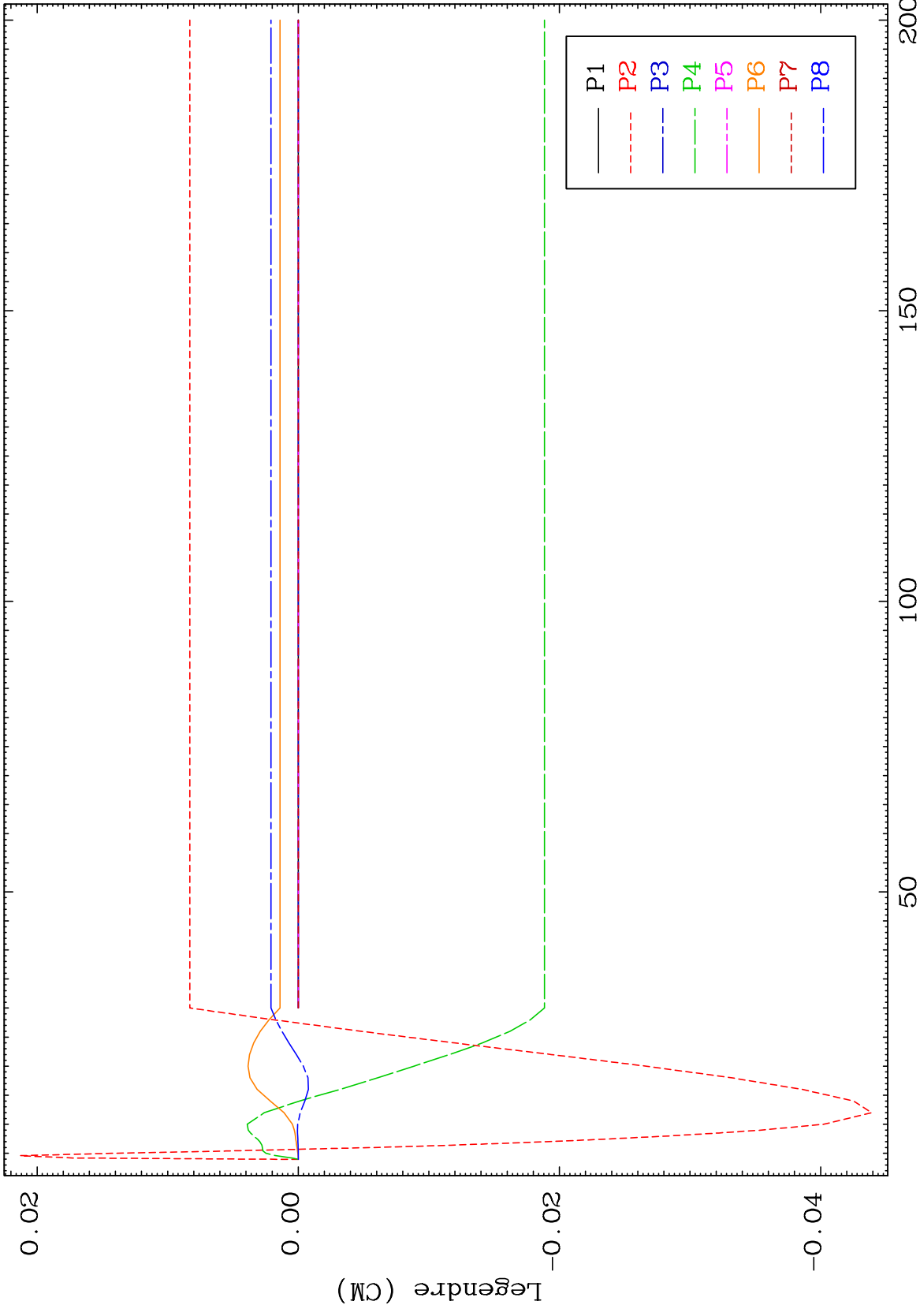
24-Cr-50

MAT 2425 MT= 64 (n,n') Level Legendre Coefficients 24-Cr-50



59 200 24-Cr-50

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



24-Cr-50

Incident Energy (MeV)

60

50

100

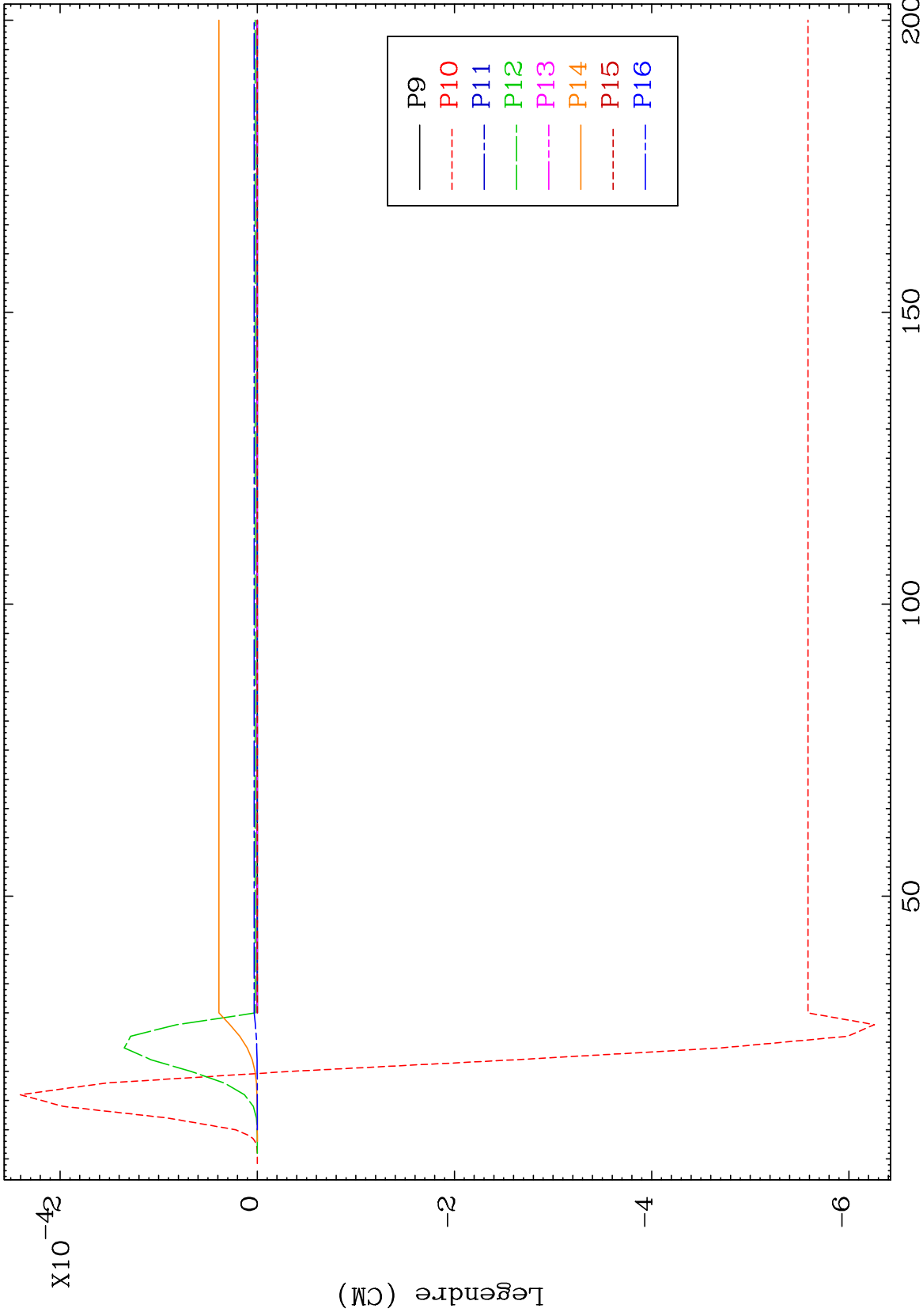
150

200

MAT 2425

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

24-Cr-50

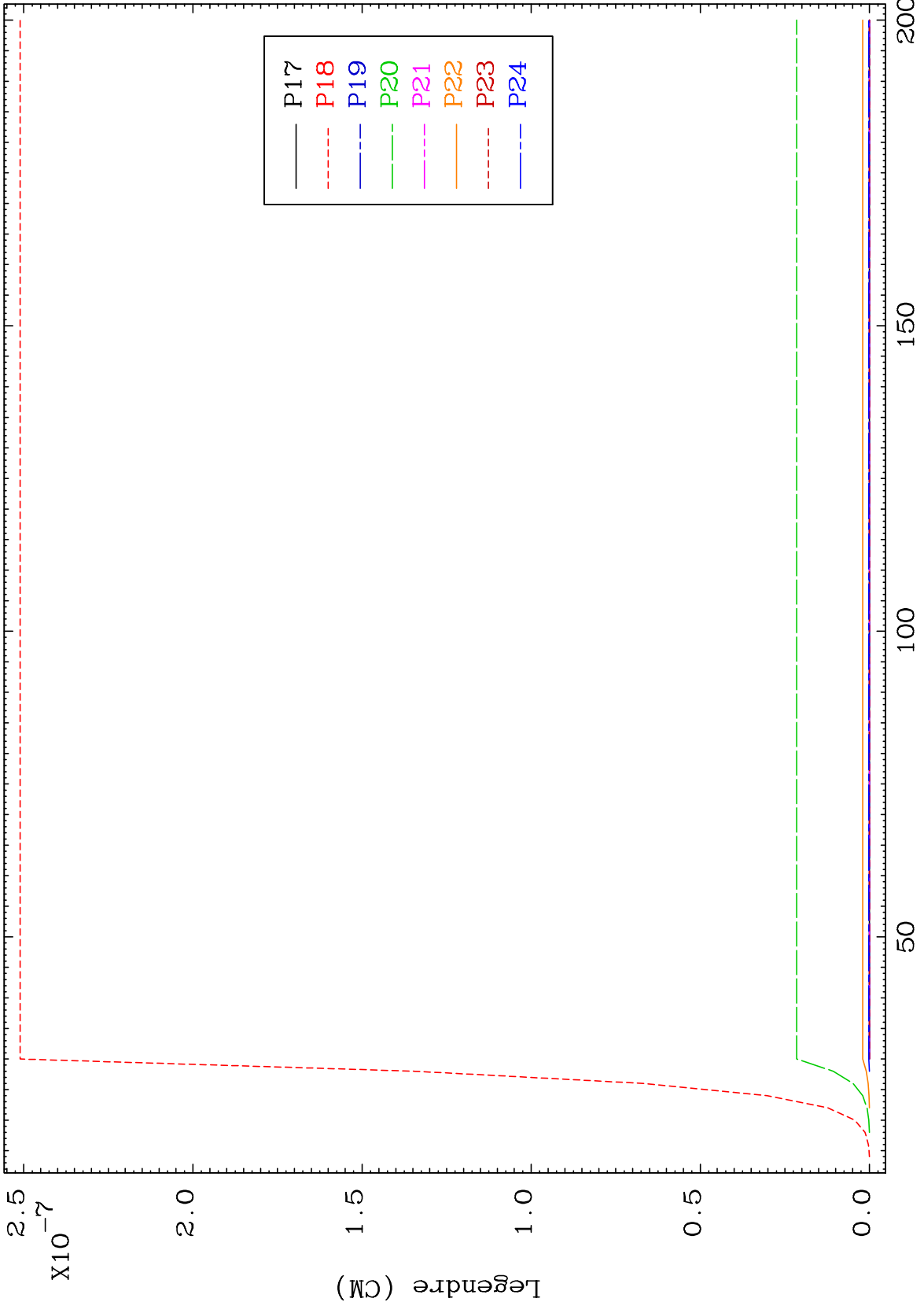


61

Incident Energy (MeV)

24-Cr-50

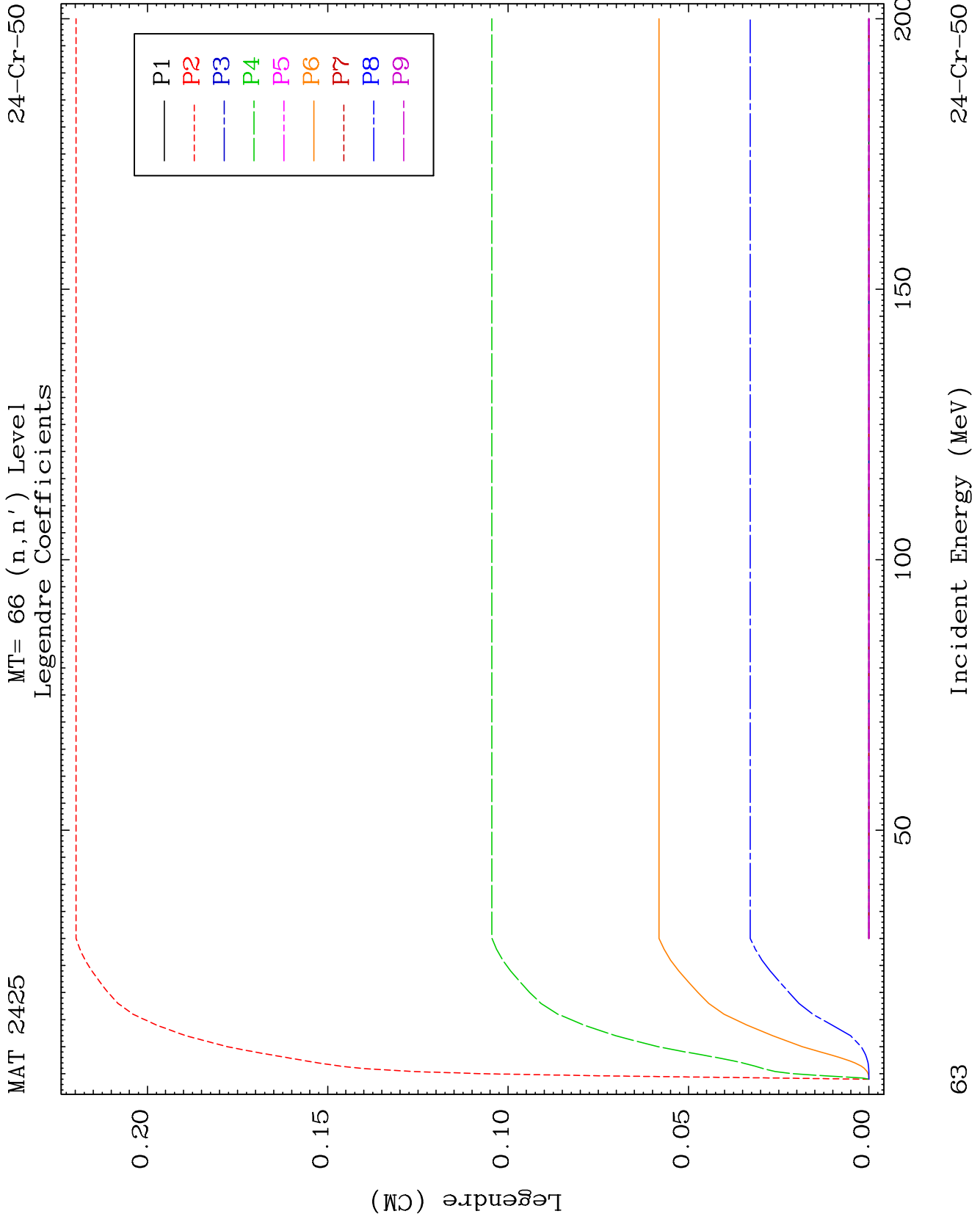
MAT 2425 MT= 65 (n,n') Level Legendre Coefficients 24-Cr-50



24-Cr-50

Incident Energy (MeV)

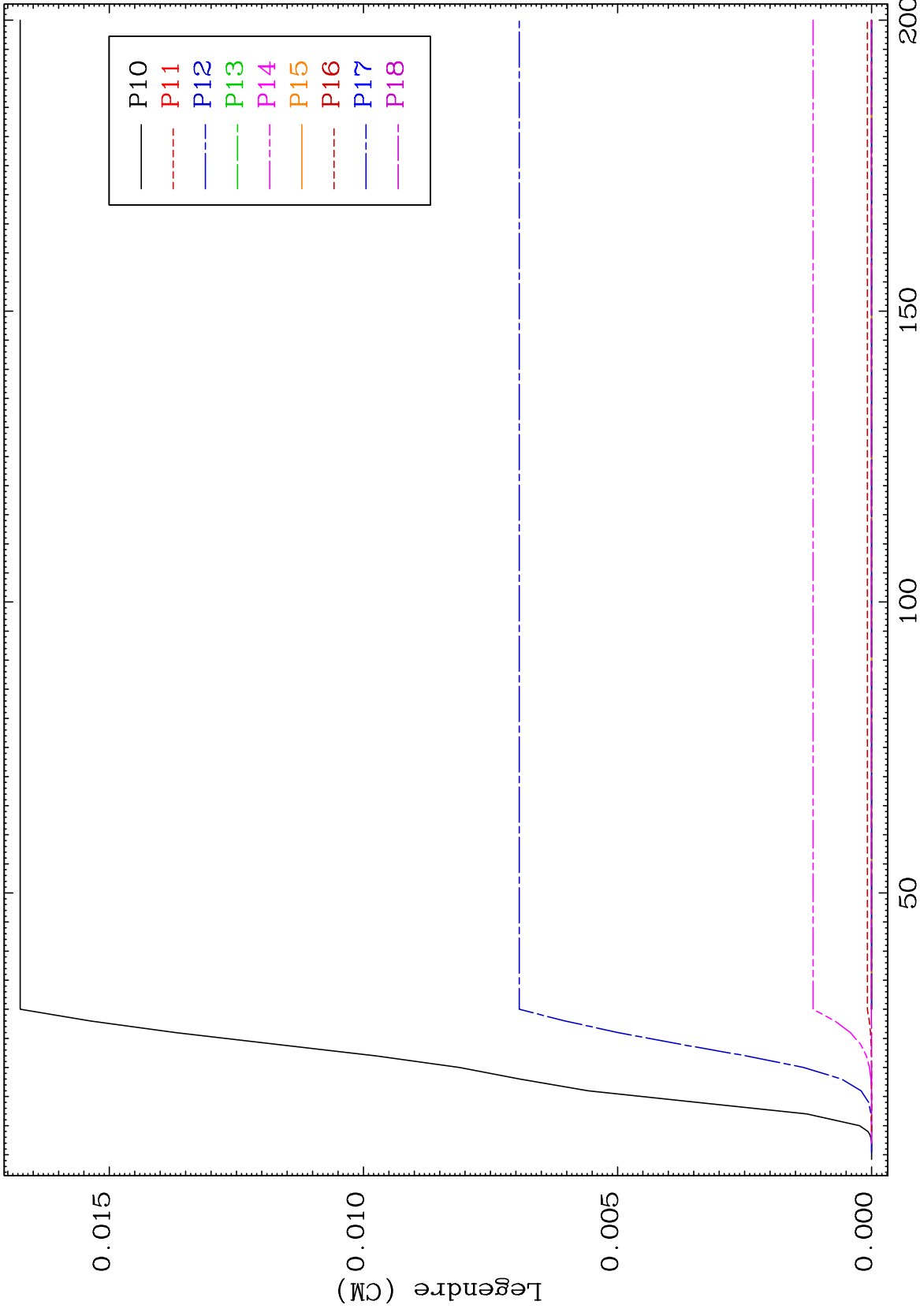
62



MAT 2425

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

24-Cr-50

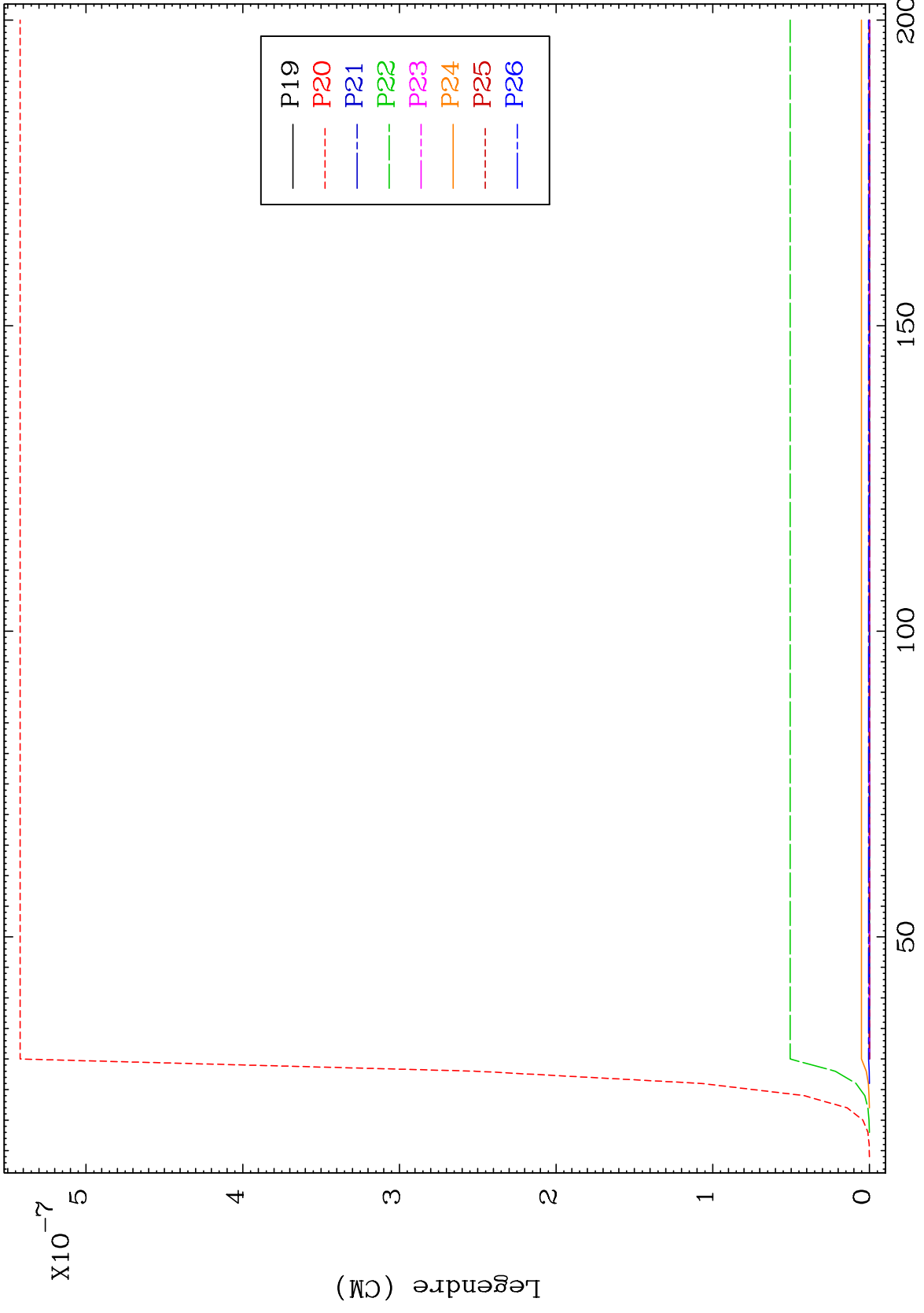


64

Incident Energy (MeV)

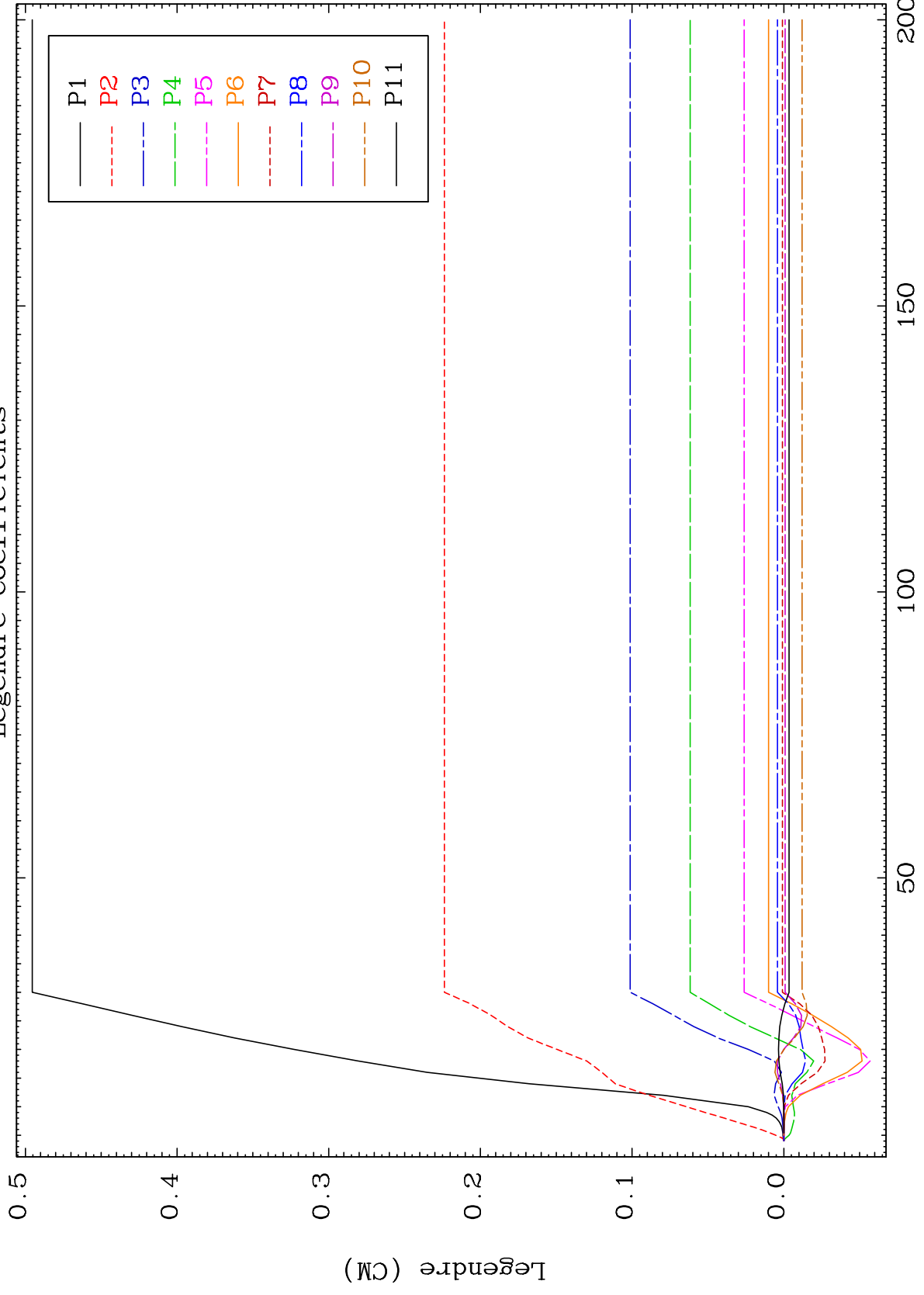
24-Cr-50

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



65 50 100 150 200 24-Cr-50

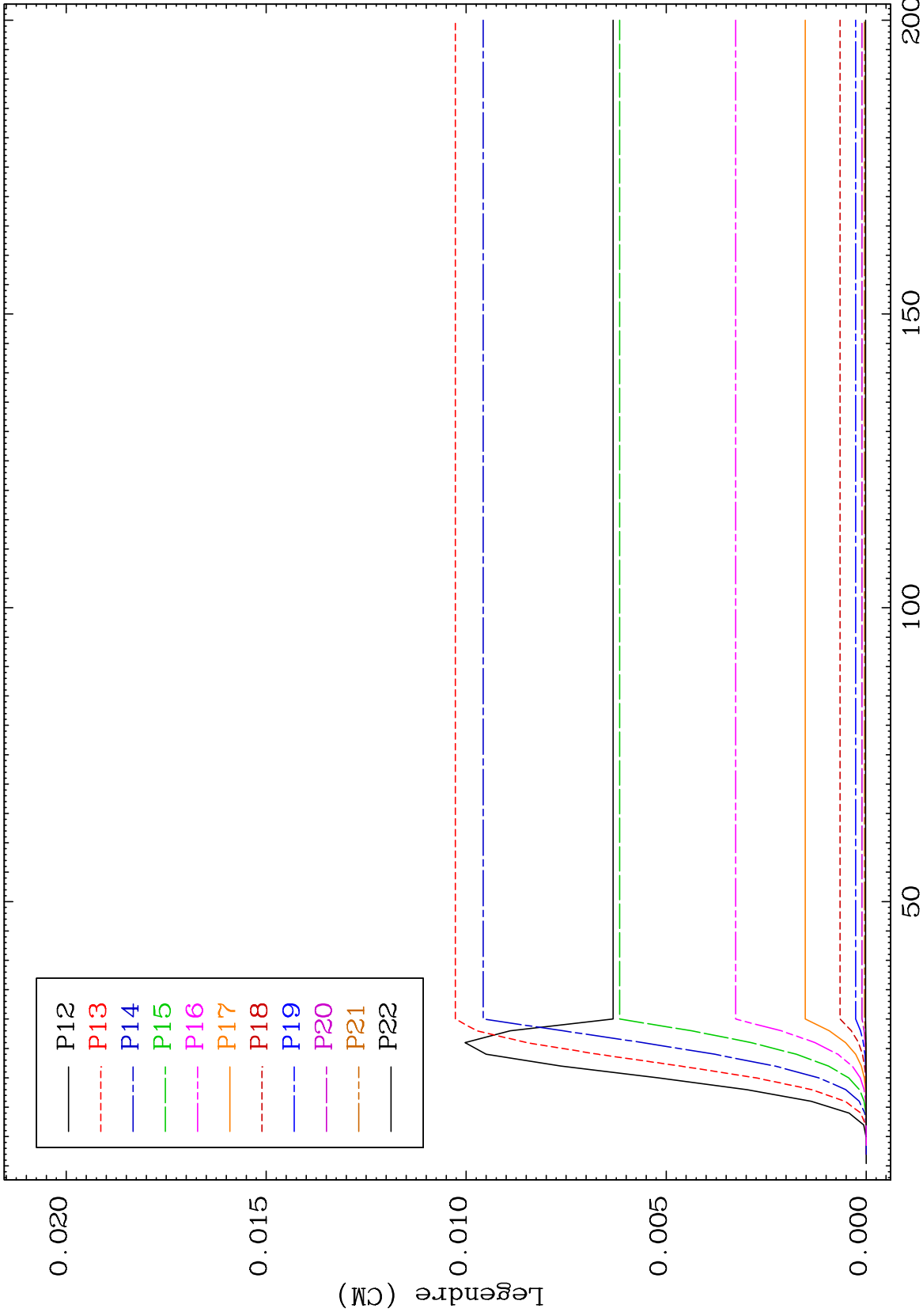
MAT 2425 MT= 67 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50



67

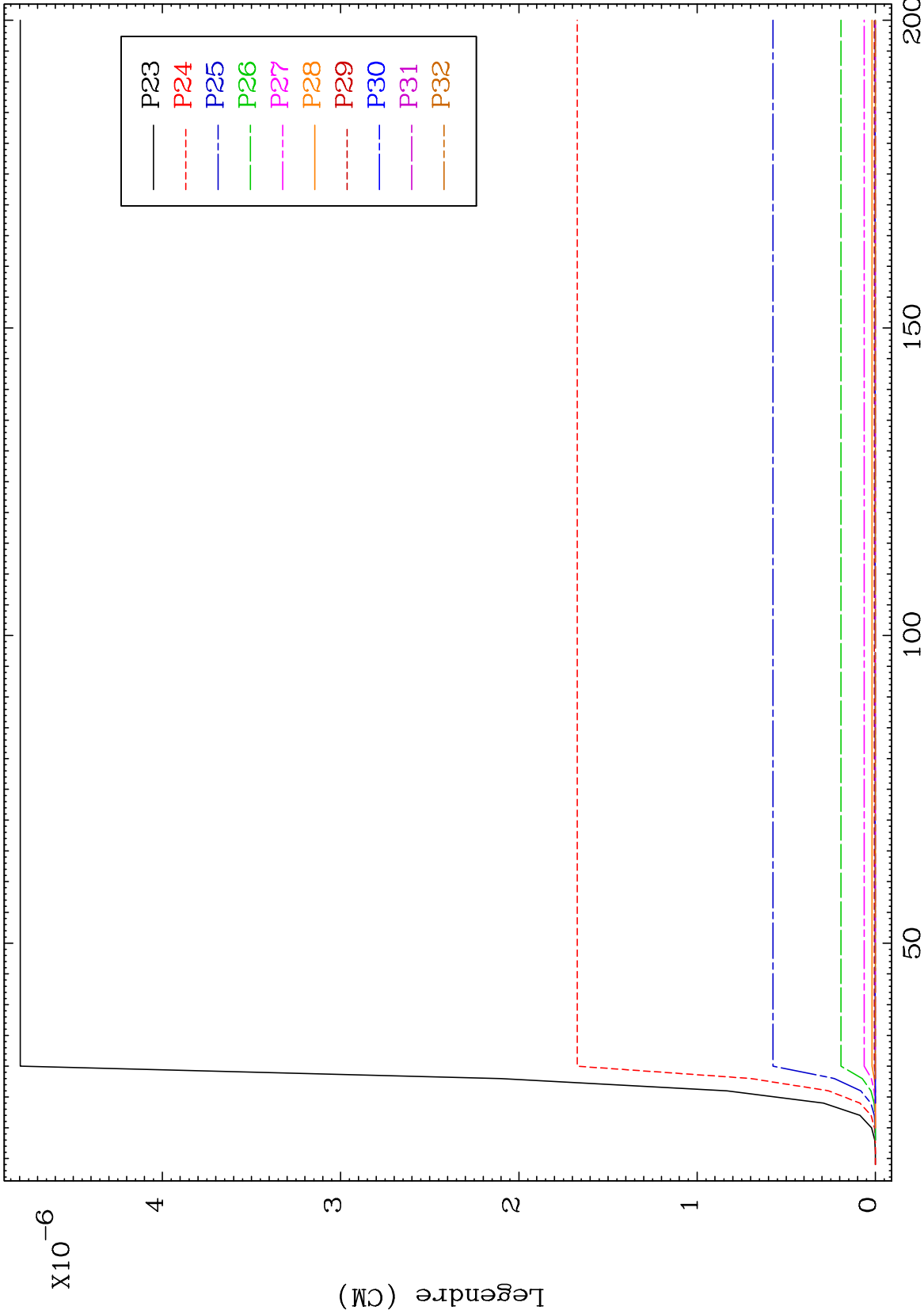
Incident Energy (MeV)

24-Cr-50

MAT 2425

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

24-Cr-50

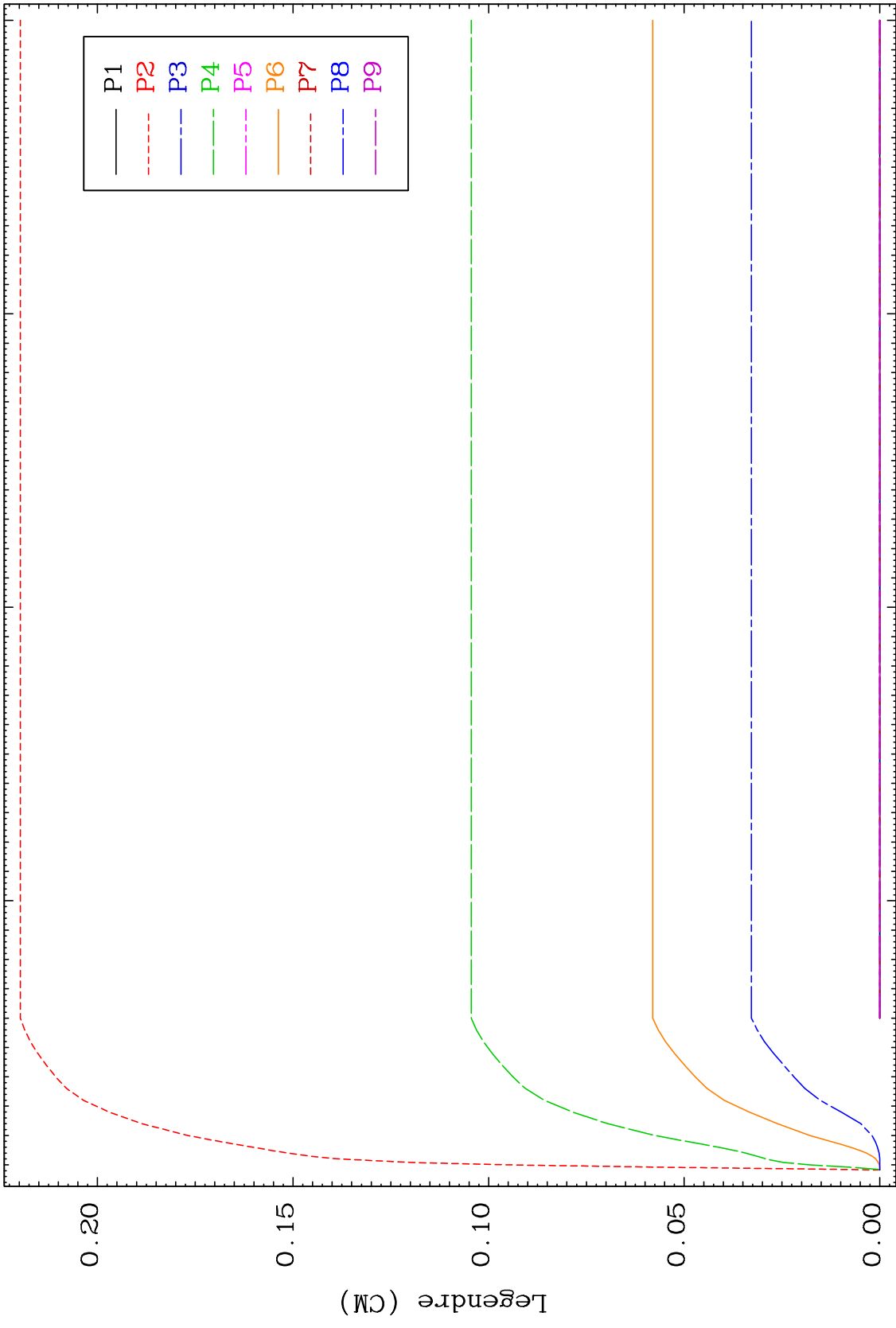


68

Incident Energy (MeV)

24-Cr-50

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

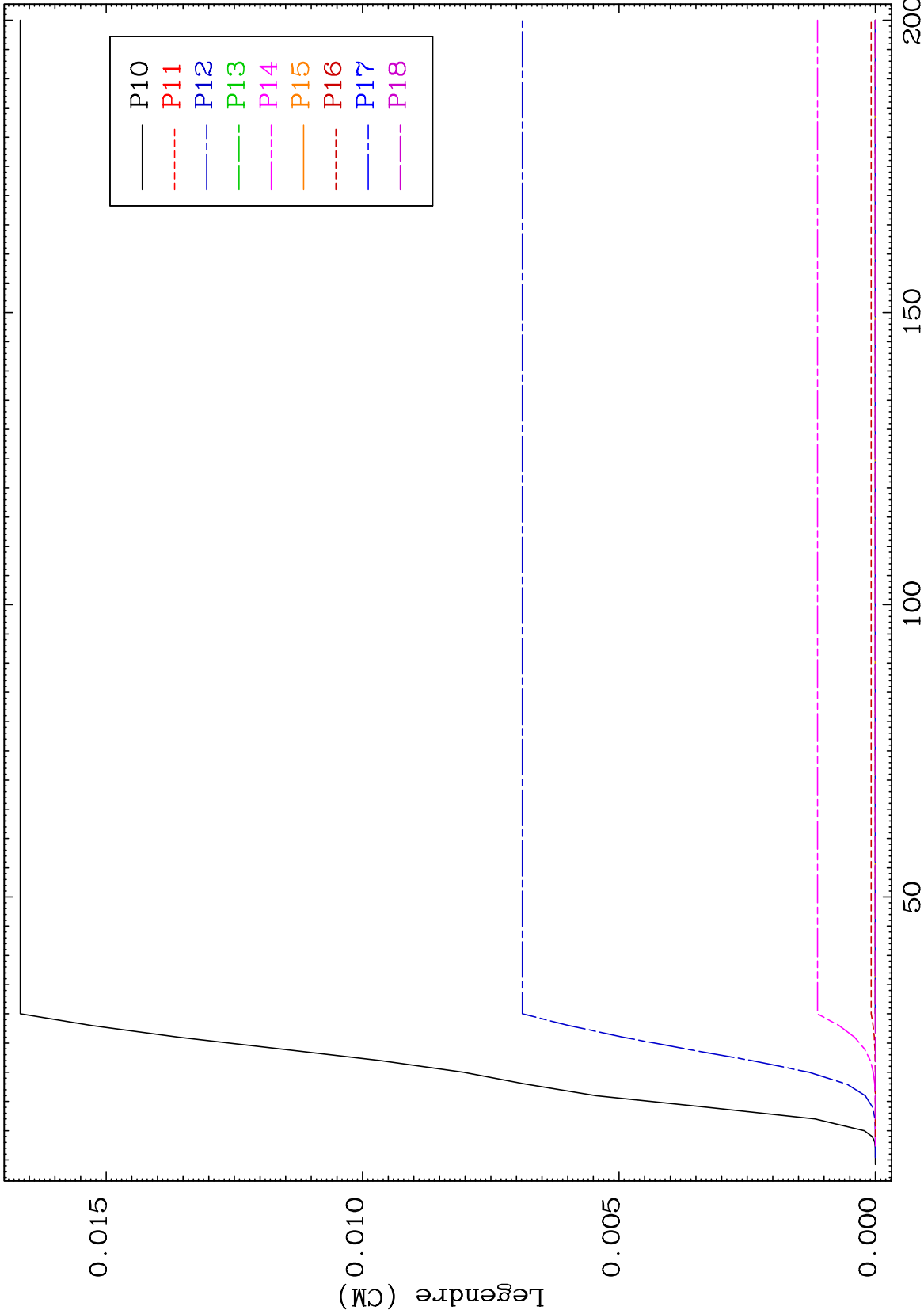


69 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

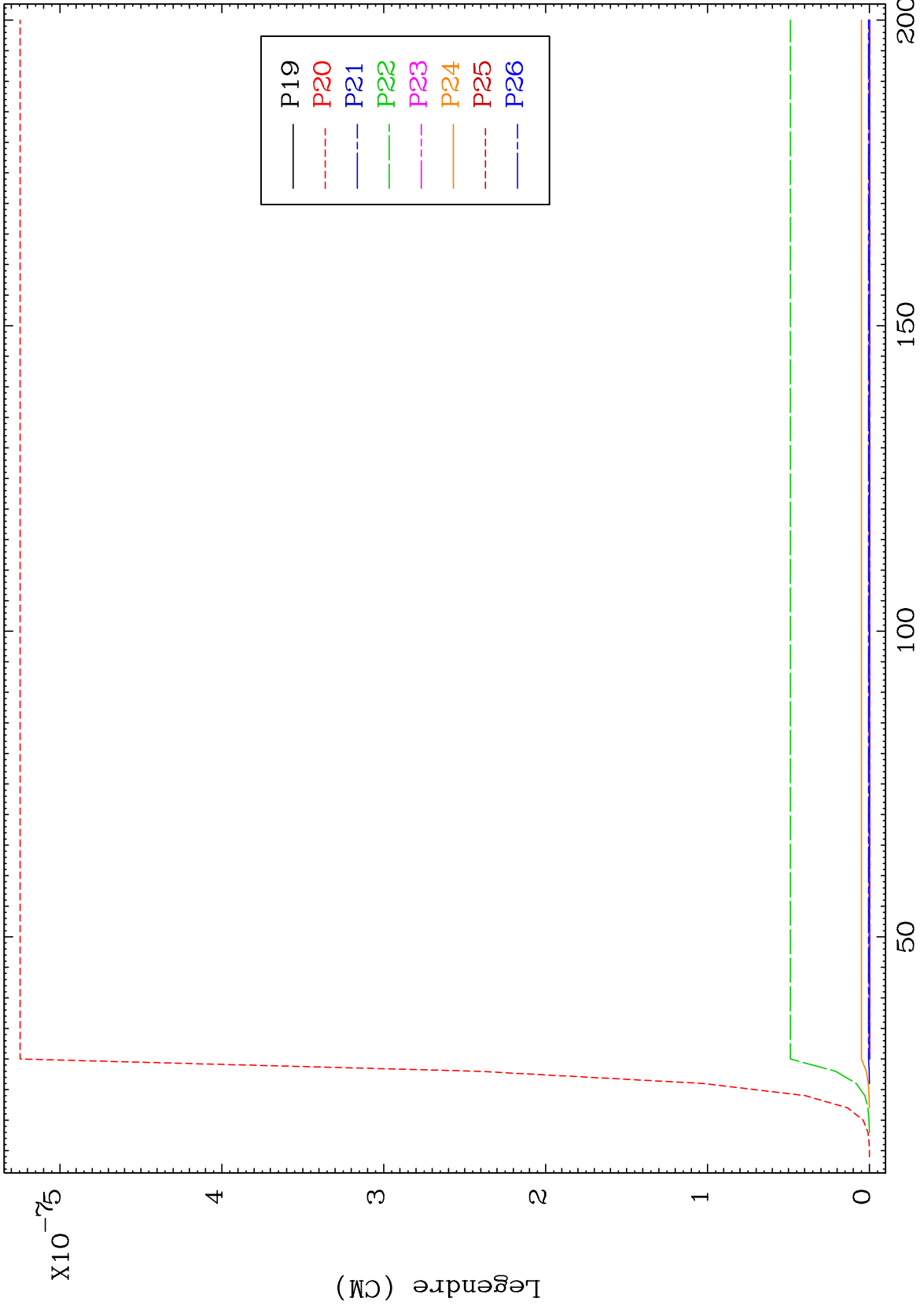


70

Incident Energy (MeV)

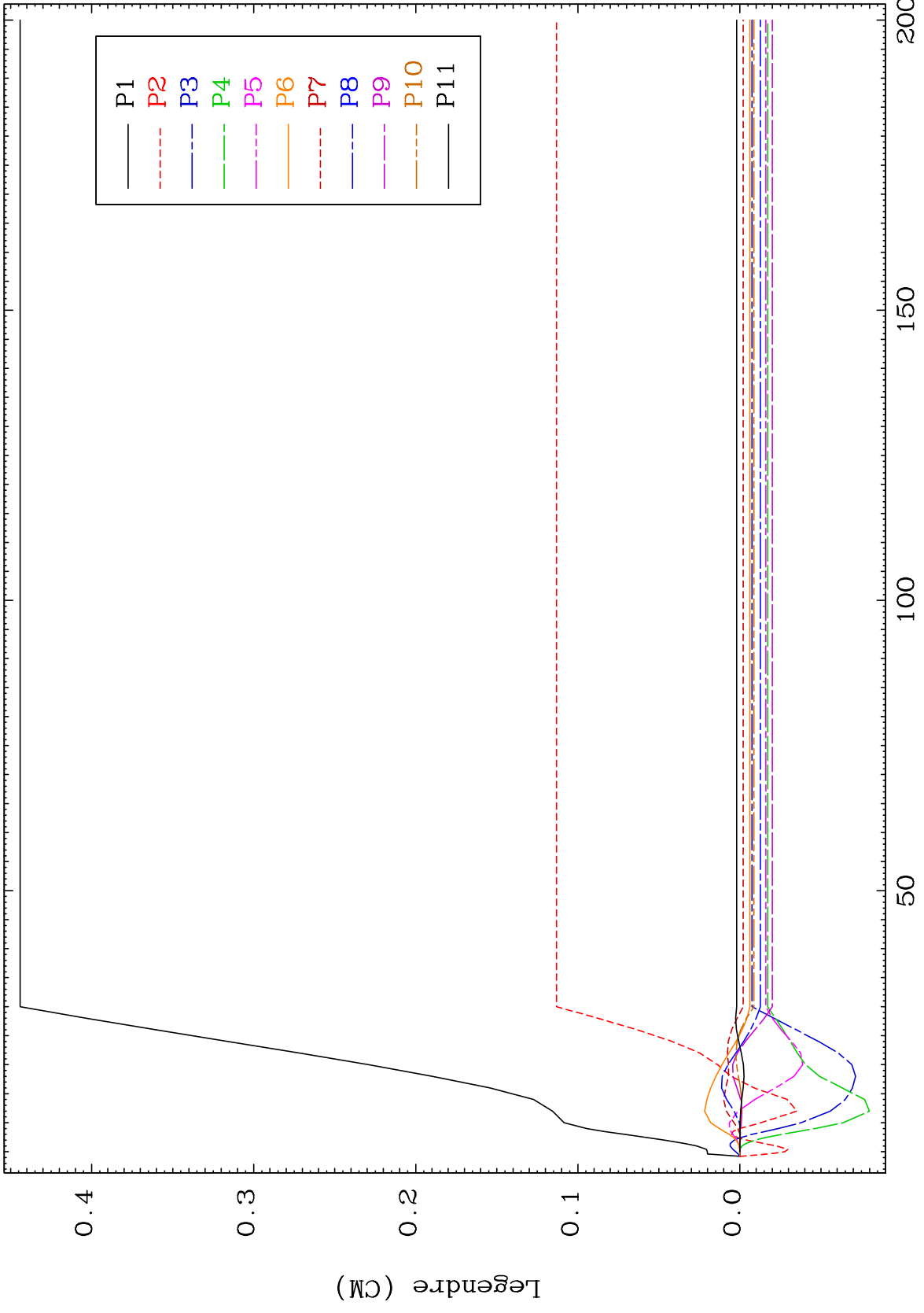
24-Cr-50

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



71 24-Cr-50

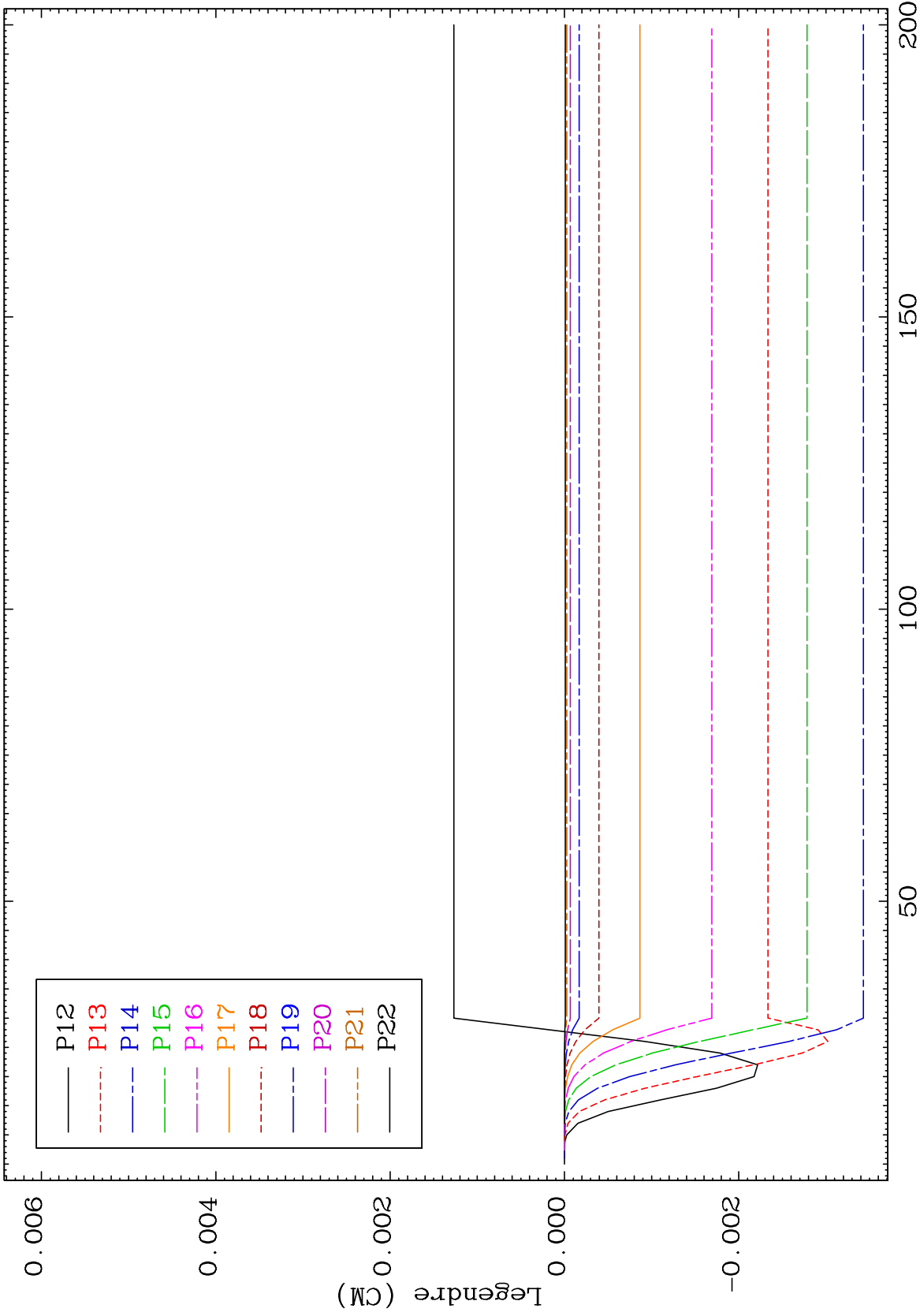
MAT 2425 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-50



MAT 2425

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

24-Cr-50

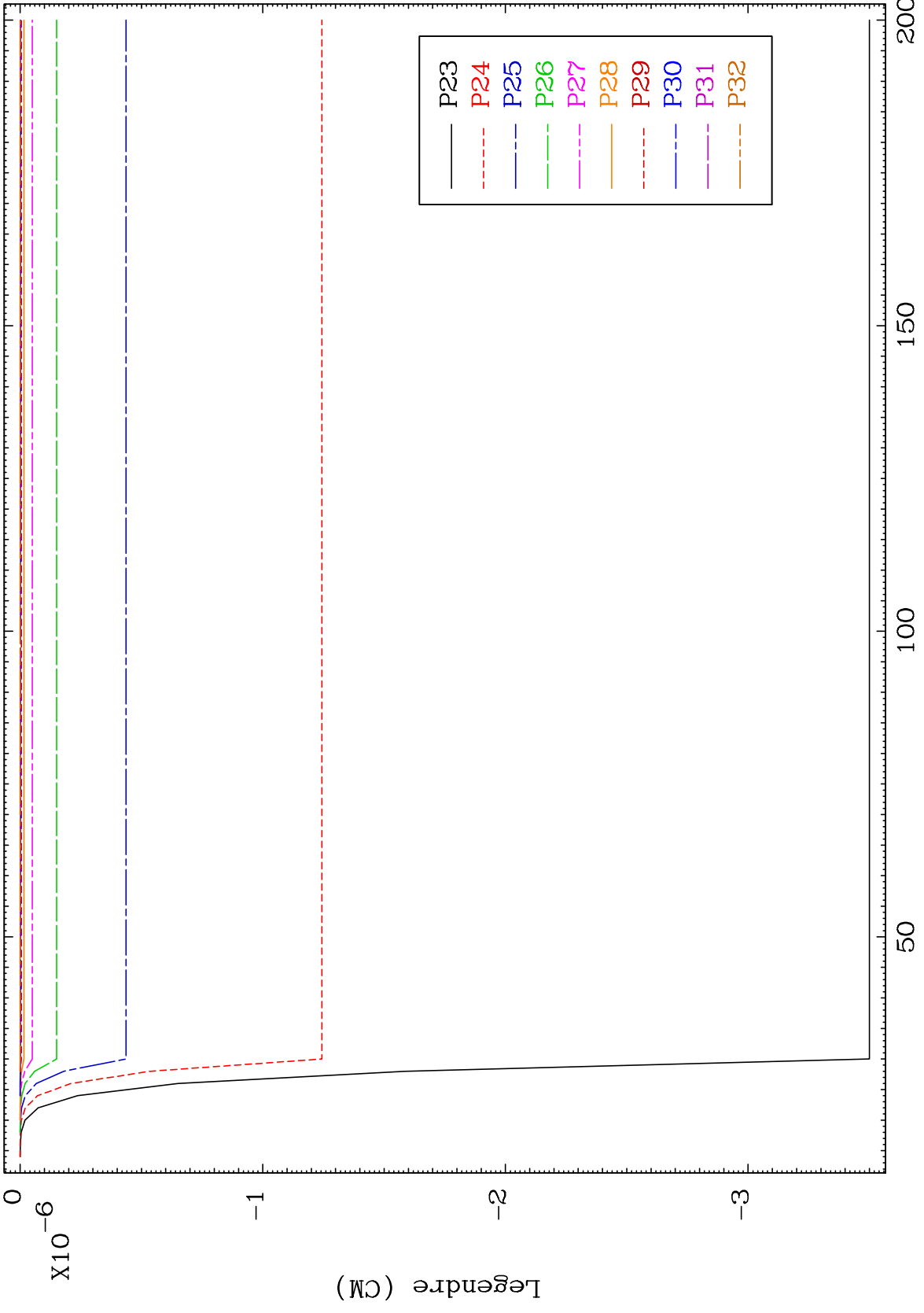


73

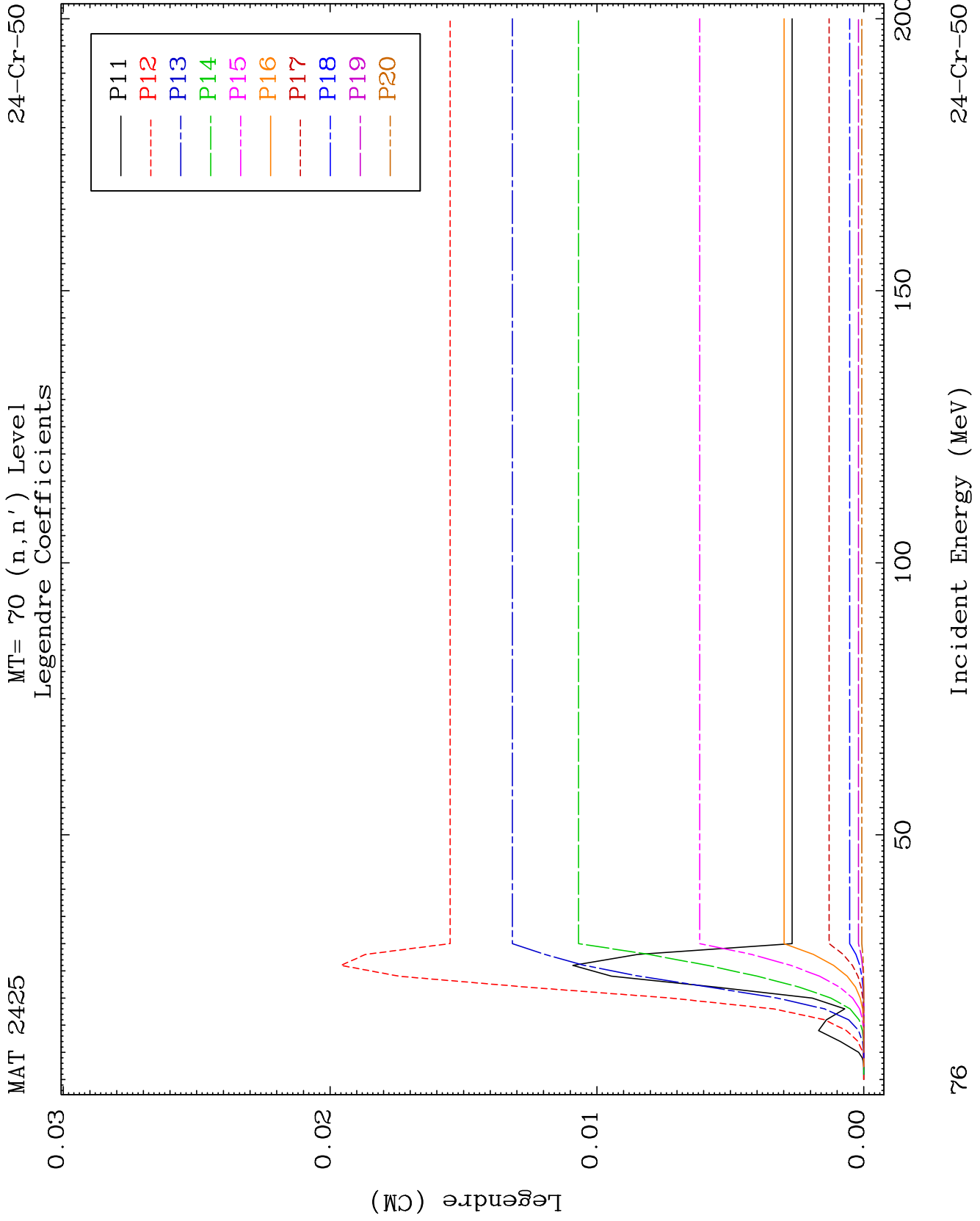
Incident Energy (MeV)

24-Cr-50

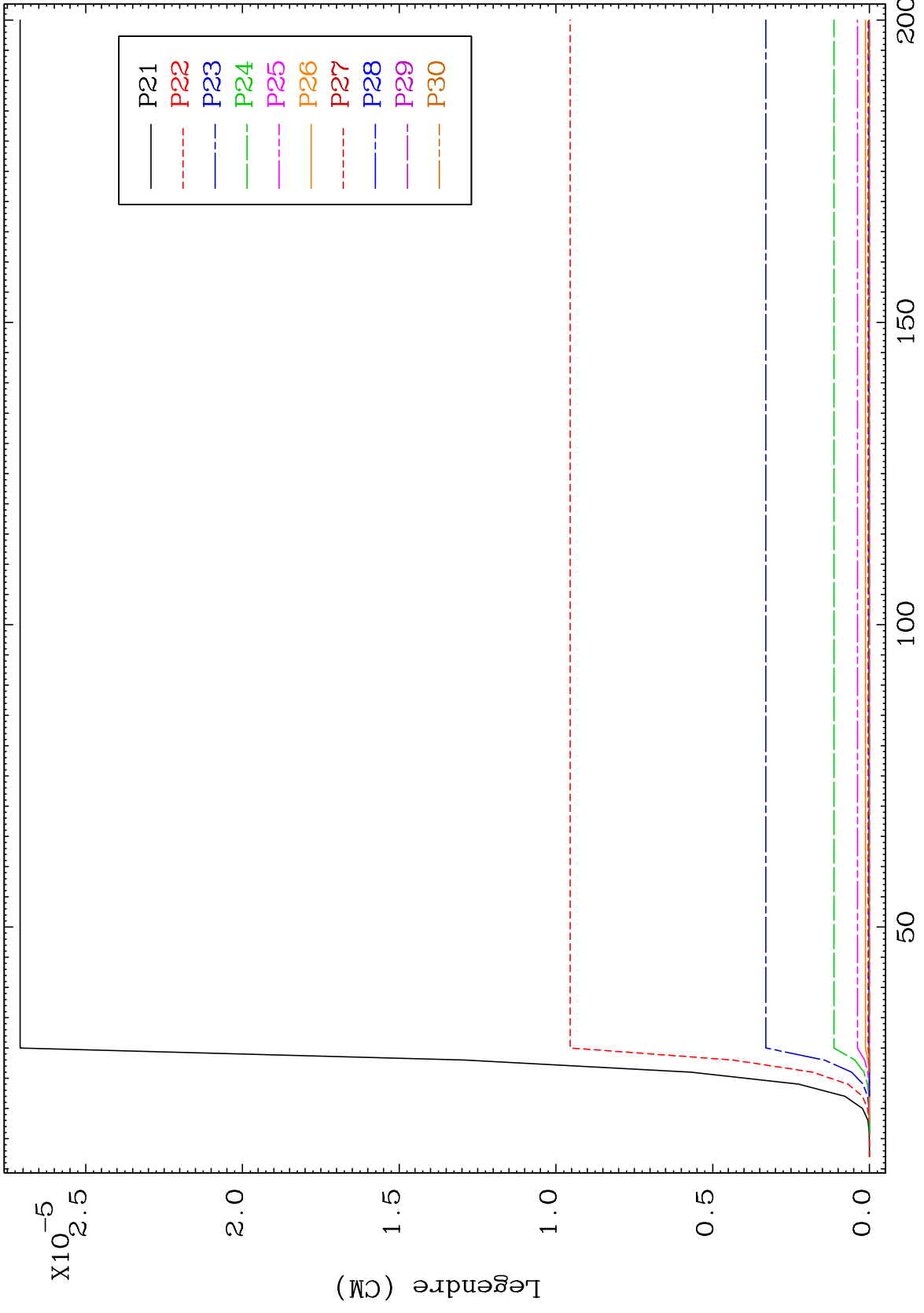
MAT 2425 MT= 69 (n,n') Level Legendre Coefficients 24-Cr-50



74 Incident Energy (MeV) 24-Cr-50

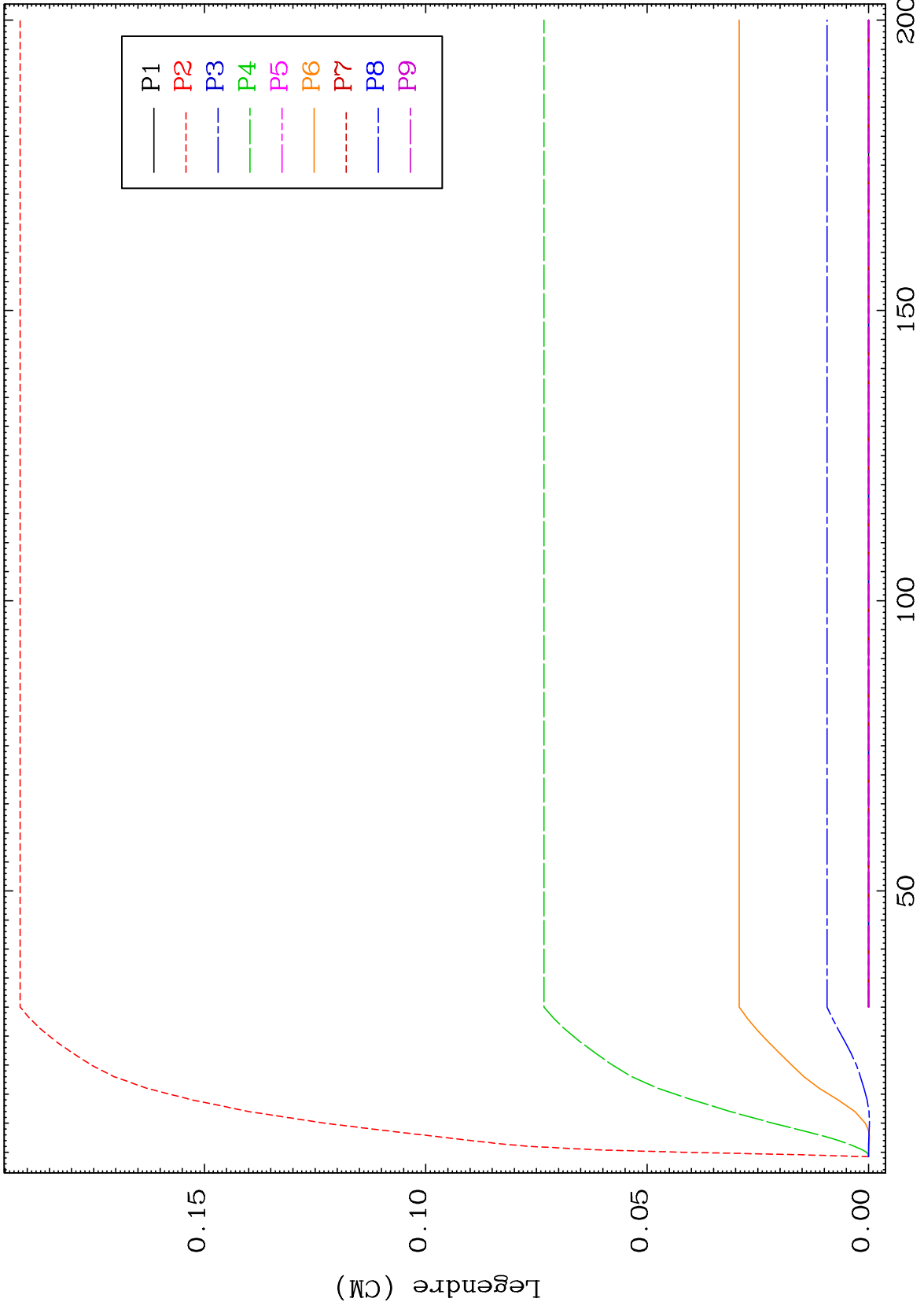


MAT 2425 MT= 70 (n,n') Level Legendre Coefficients 24-Cr-50



77 24-Cr-50

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

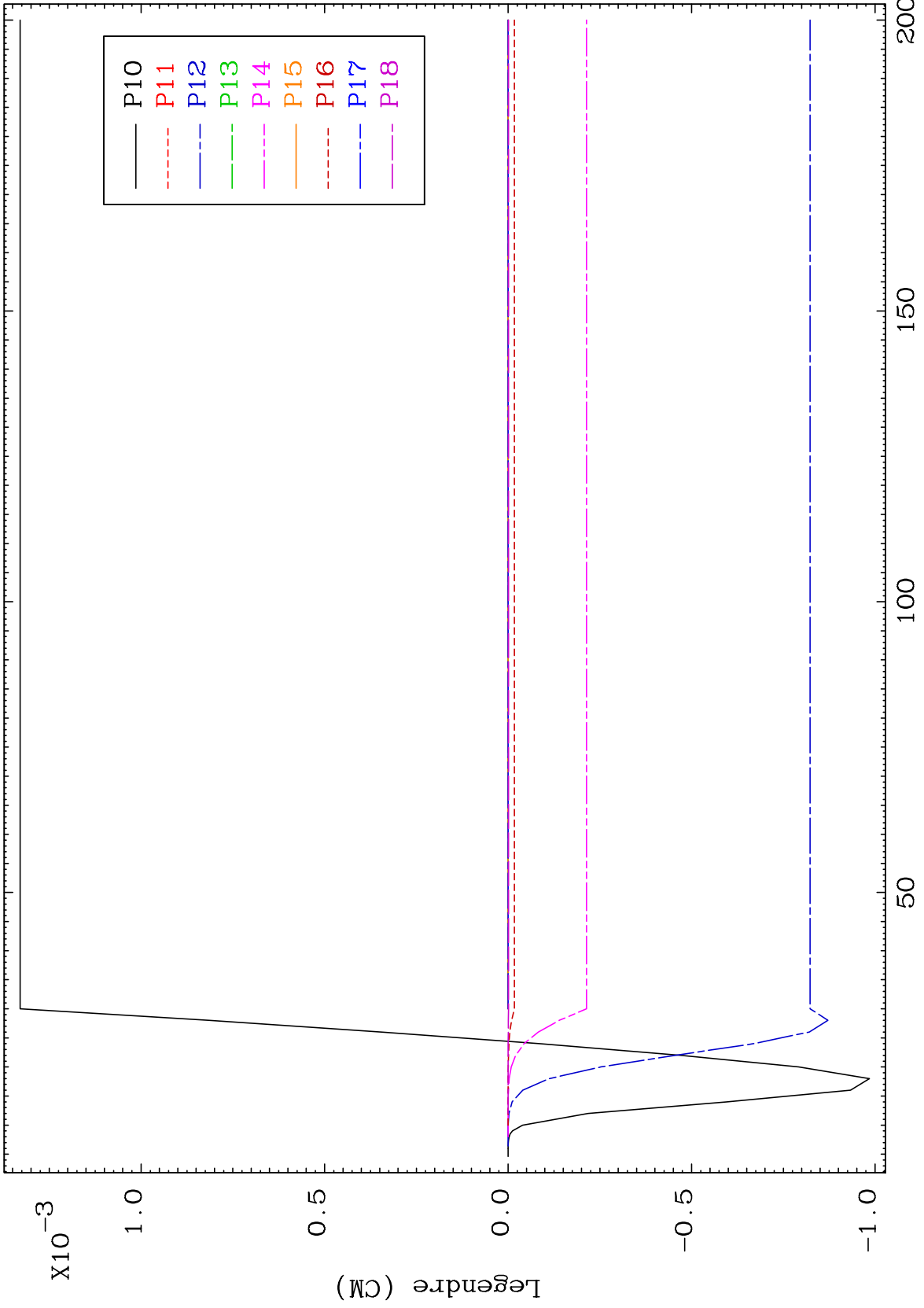


78 Incident Energy (MeV) 24-Cr-50

MAT 2425

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

24-Cr-50

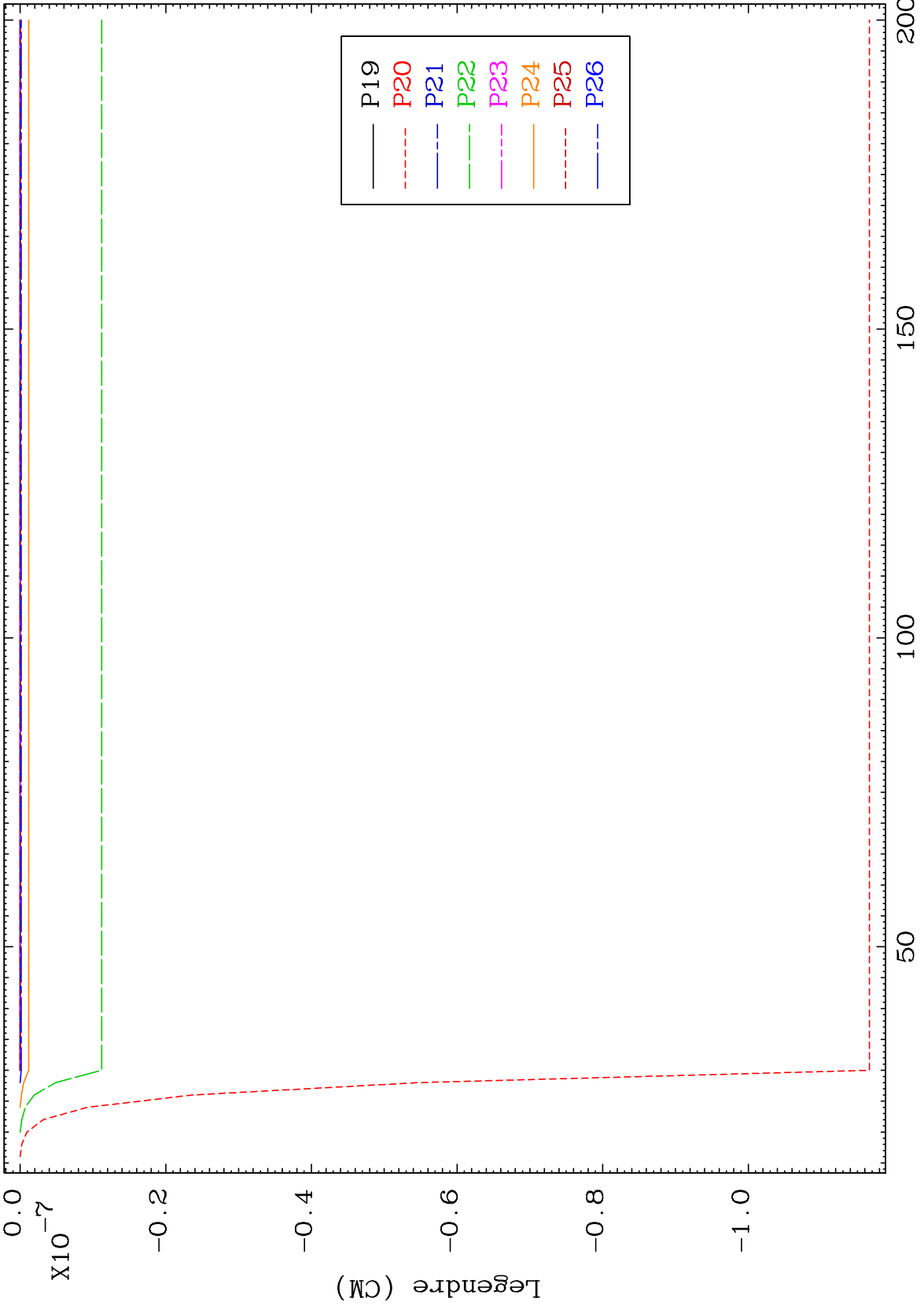


79

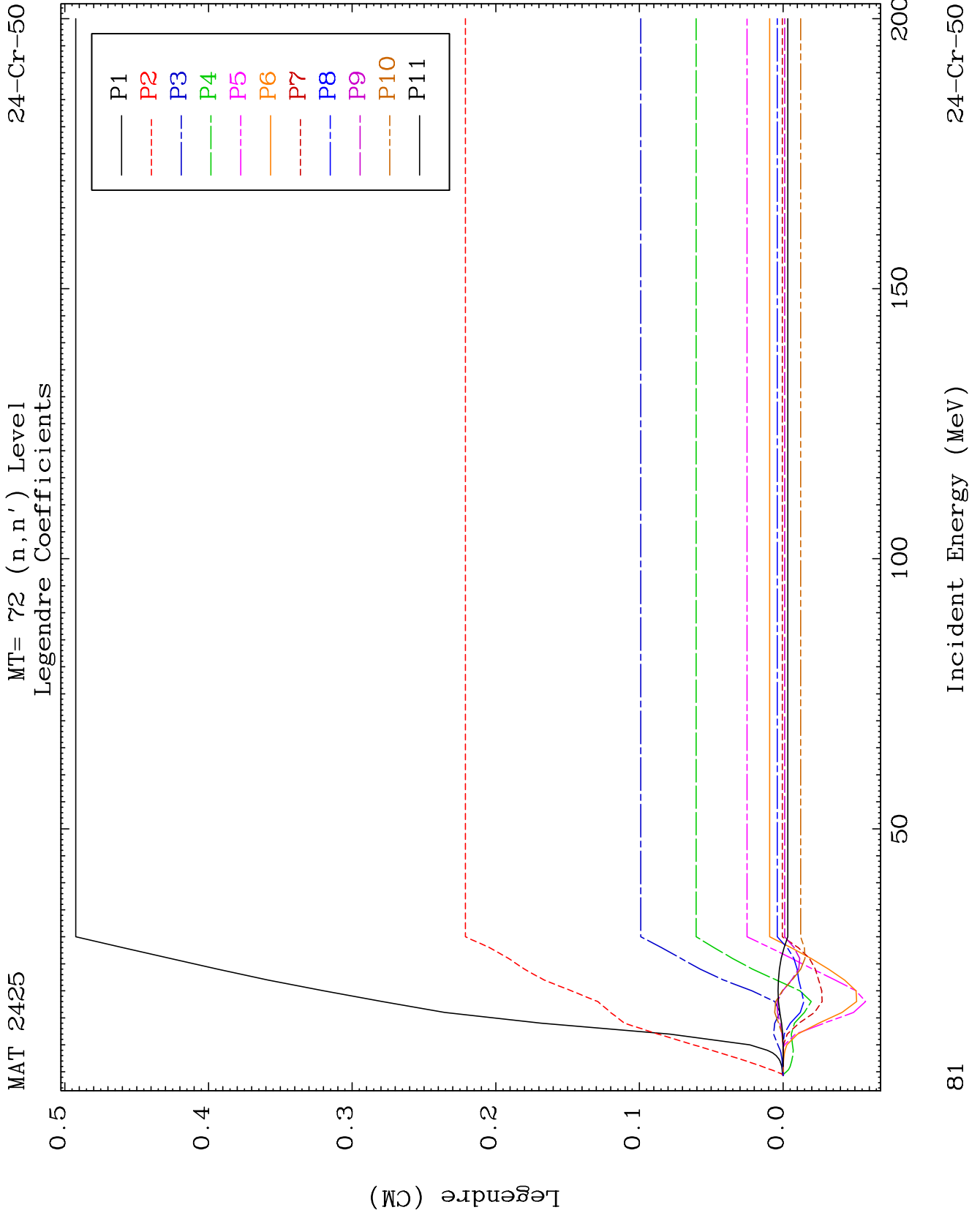
Incident Energy (MeV)

24-Cr-50

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



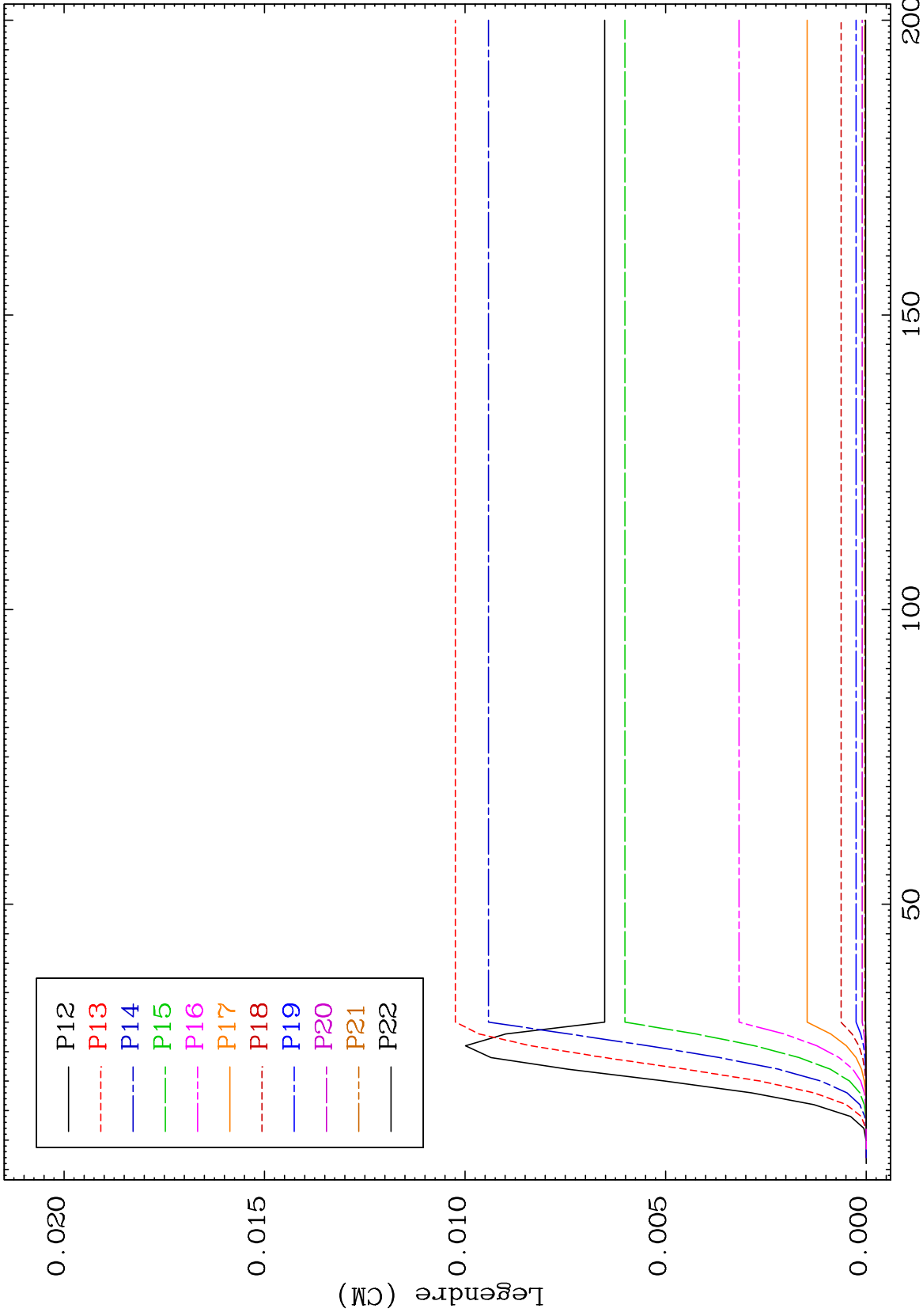
80 Incident Energy (MeV) 24-Cr-50



MAT 2425

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

24-Cr-50

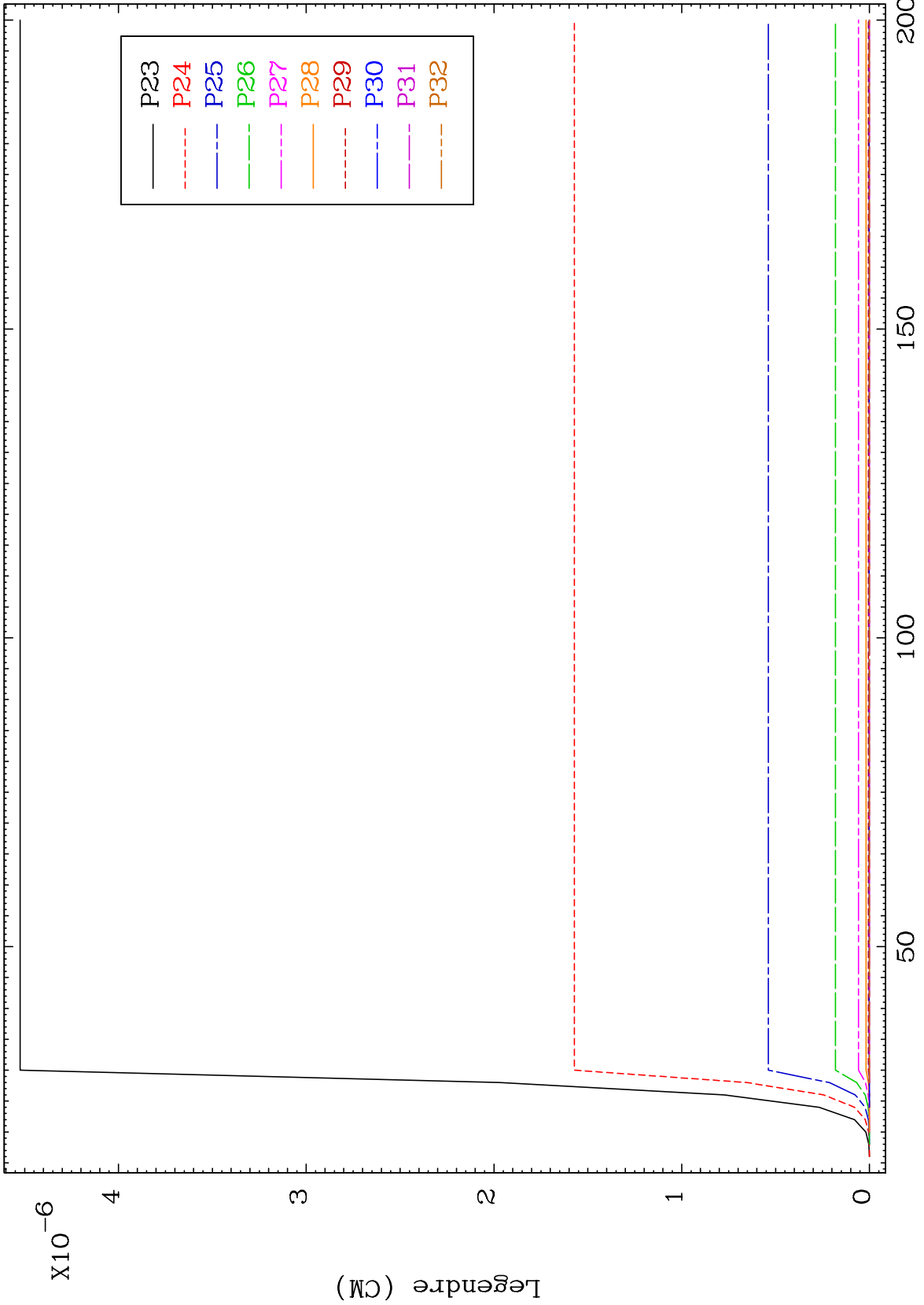


82

MAT 2425

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

24-Cr-50

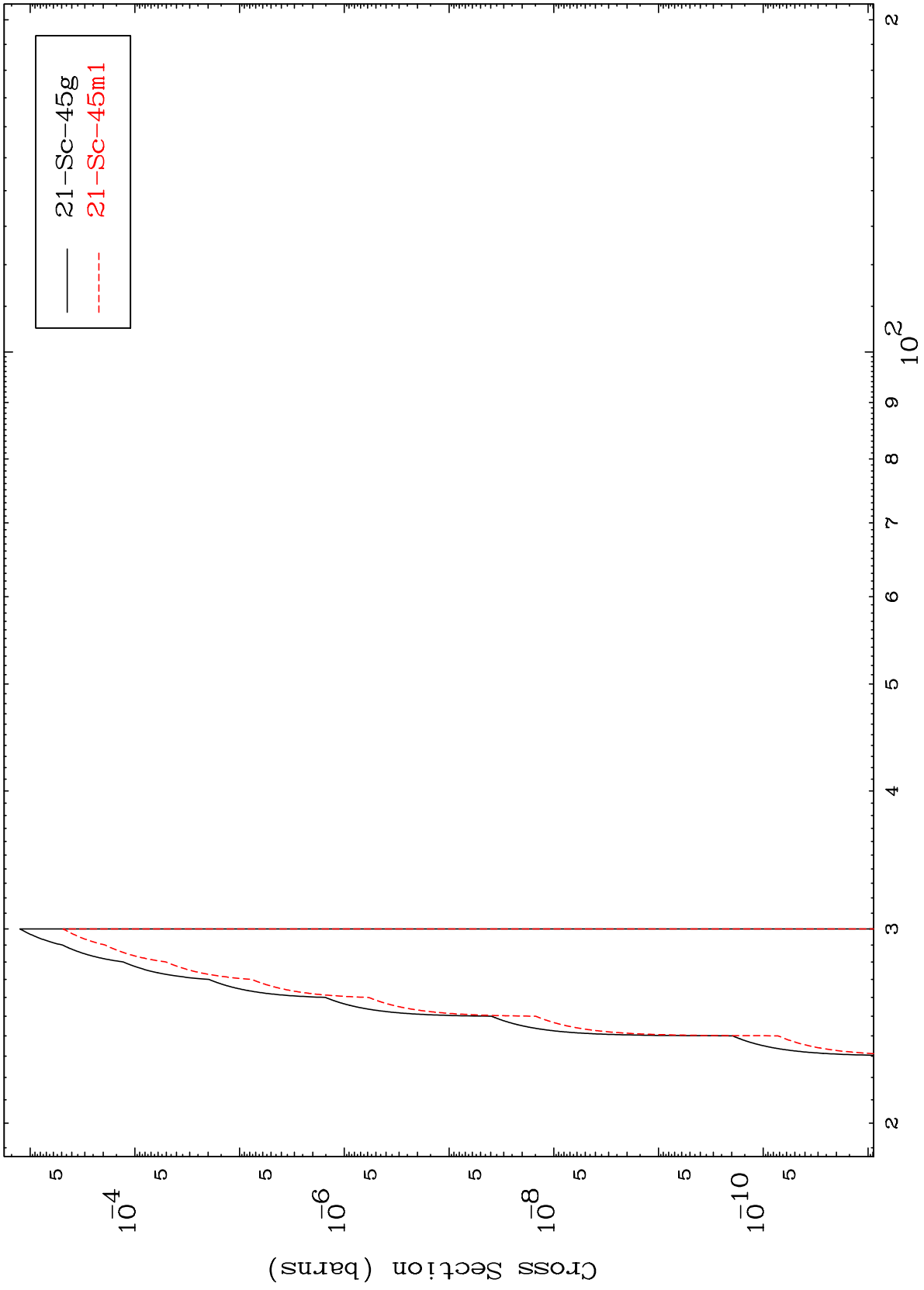


MAT 2425

(n,n') p α

24-Cr-50

Radionuclide Production Cross Section



84

Incident Energy (MeV)

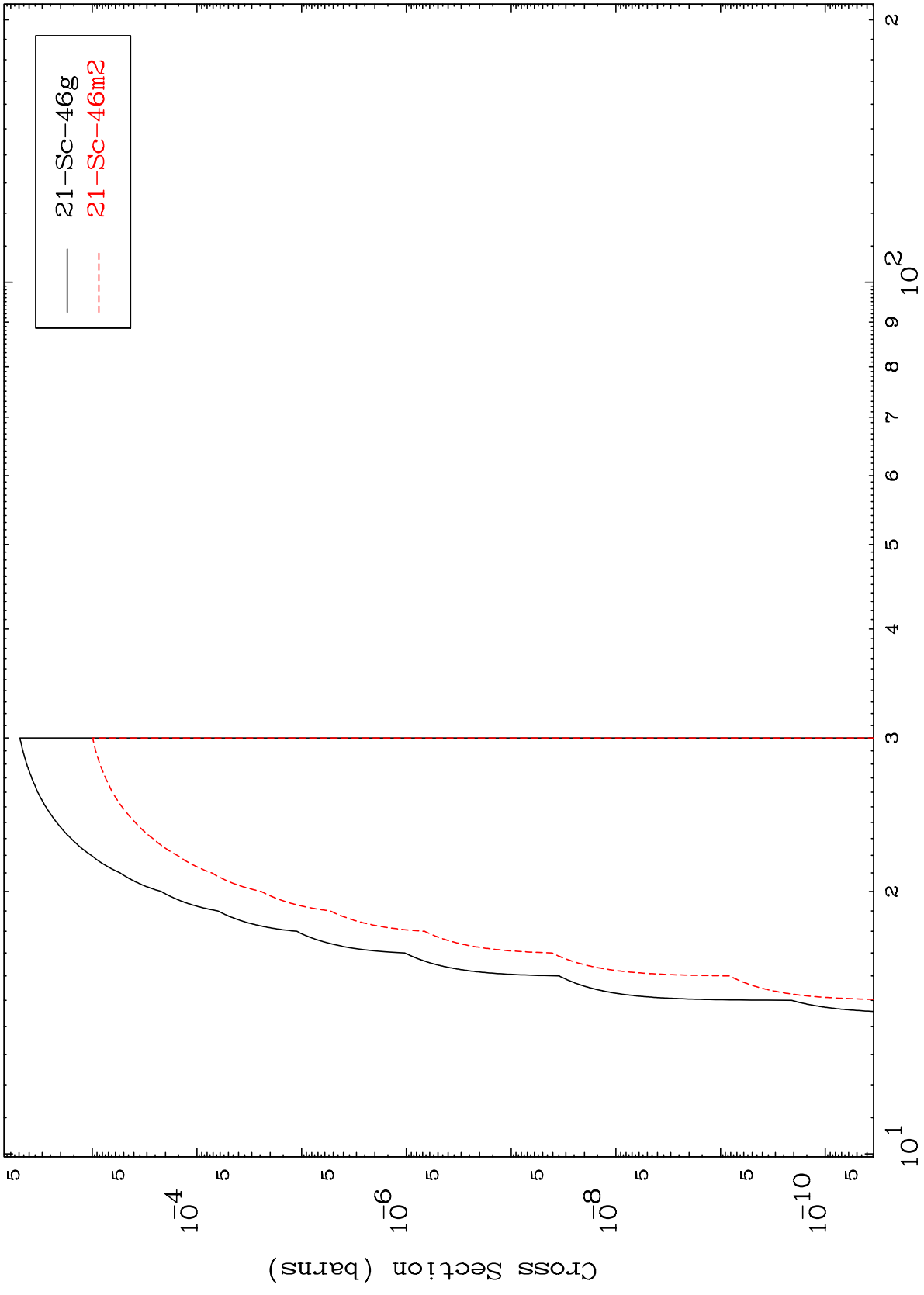
24-Cr-50

MAT 2425

(n,p) α

²⁴Cr-50

Radionuclide Production Cross Section



85

Incident Energy (MeV)

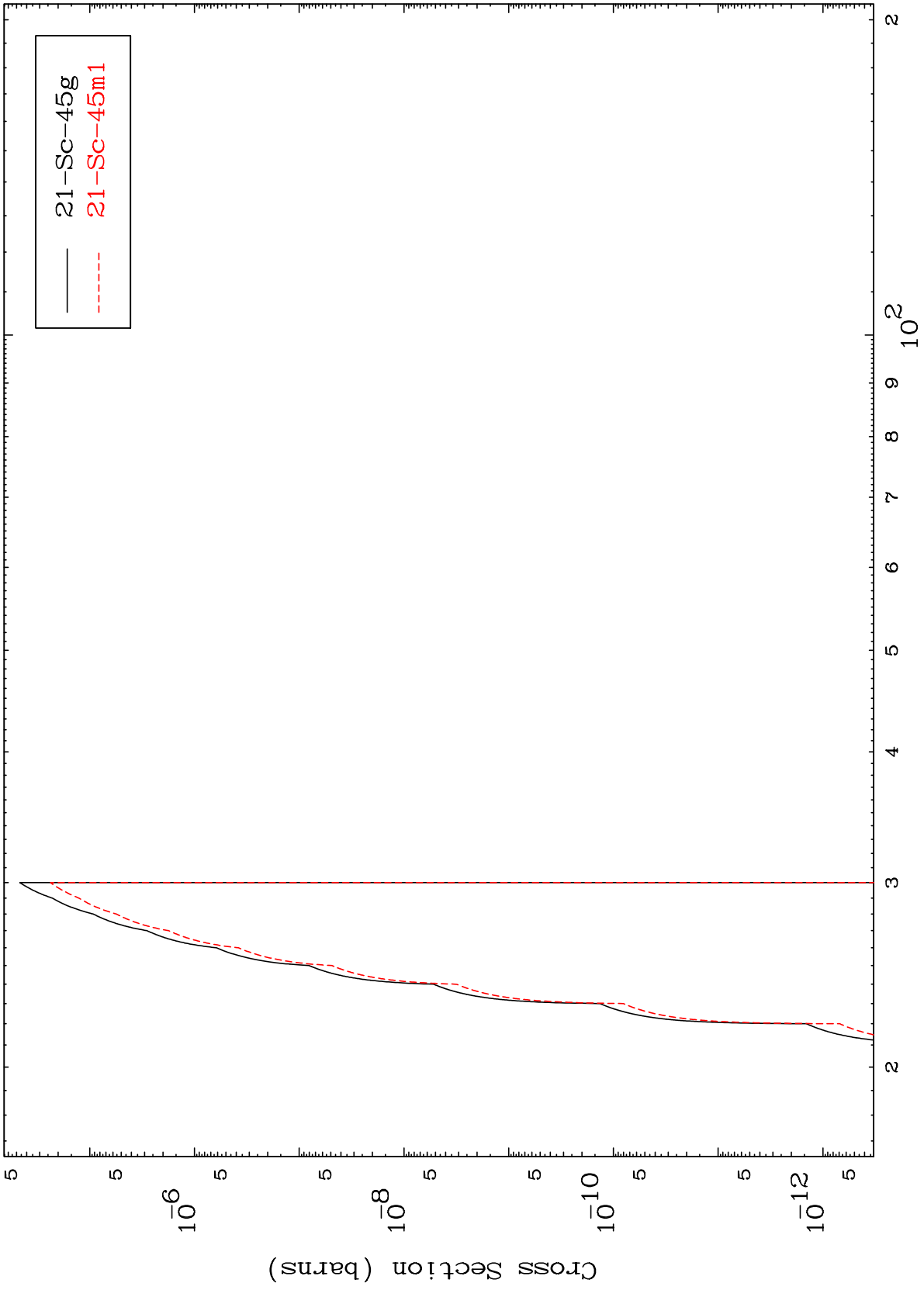
²⁴Cr-50

MAT 2425

(n,d) α

²⁴Cr-50

Radionuclide Production Cross Section



86

Incident Energy (MeV)

²⁴Cr-50