

Program EVALPLOT
(Version 2018-1)

by

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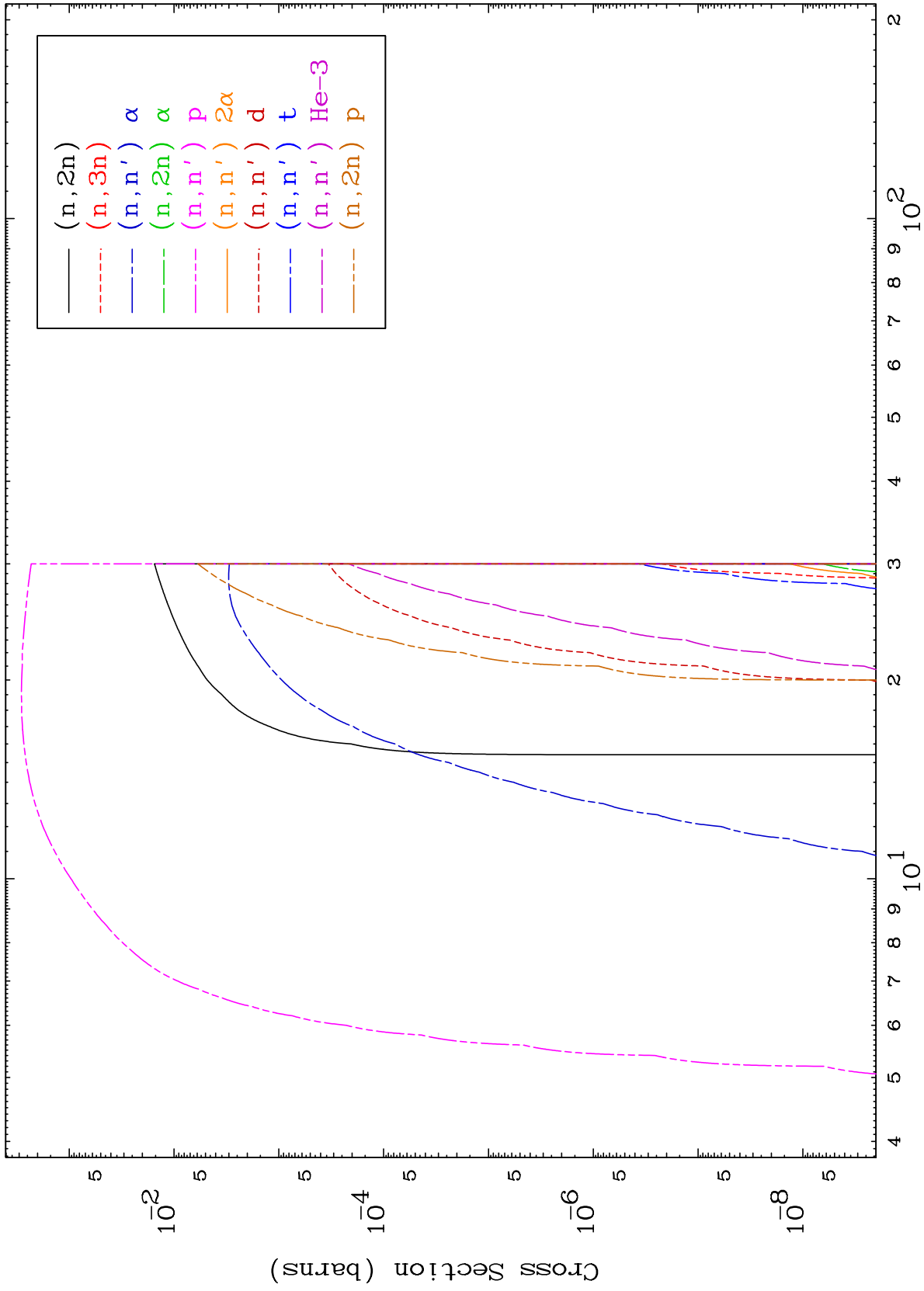
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4801

Neutron Production
293 Kelvin Cross Sections

48-Cd-98



2

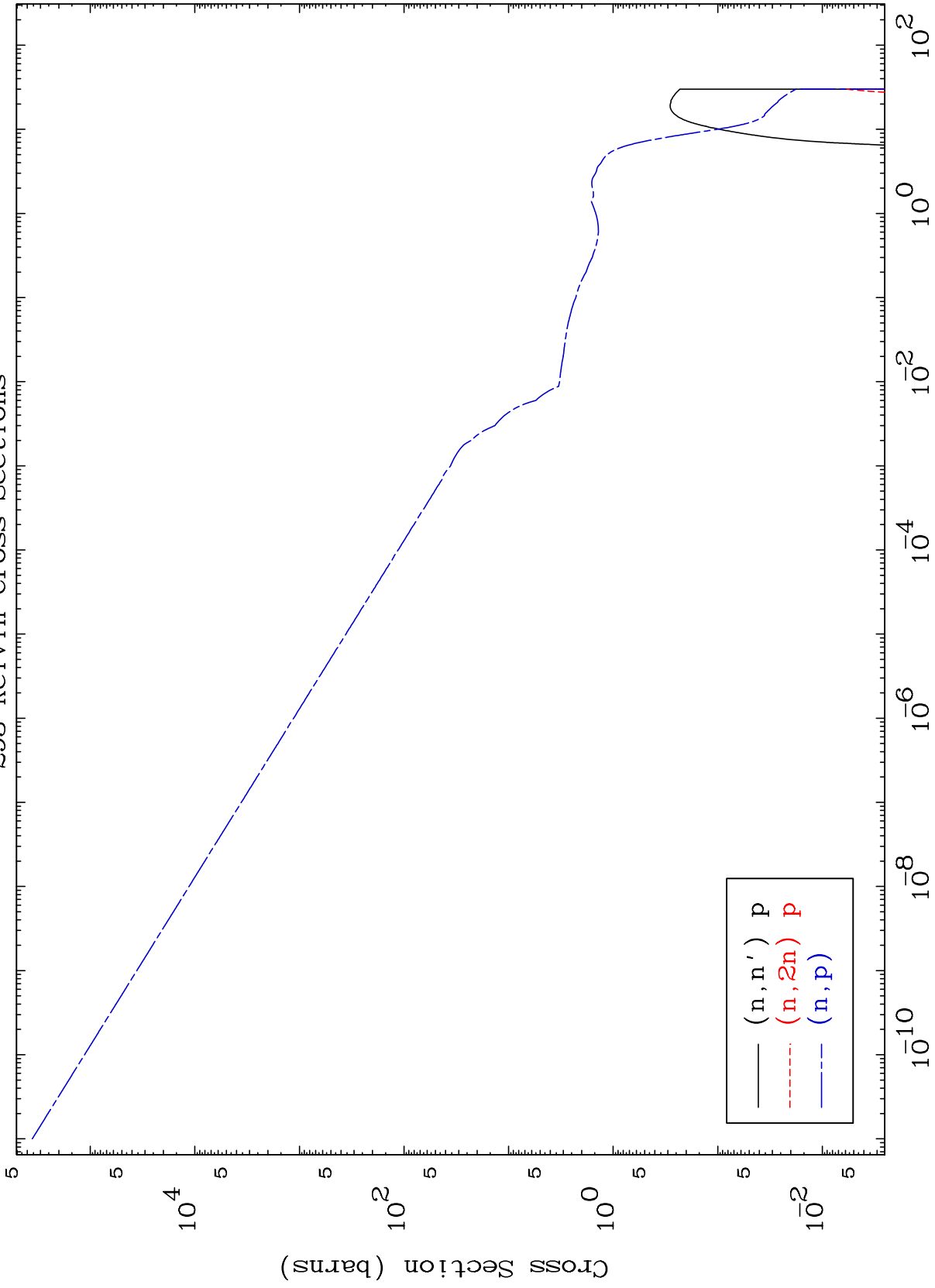
Incident Energy (MeV)

48-Cd-98

MAT 4801

293 Kelvin Cross Sections

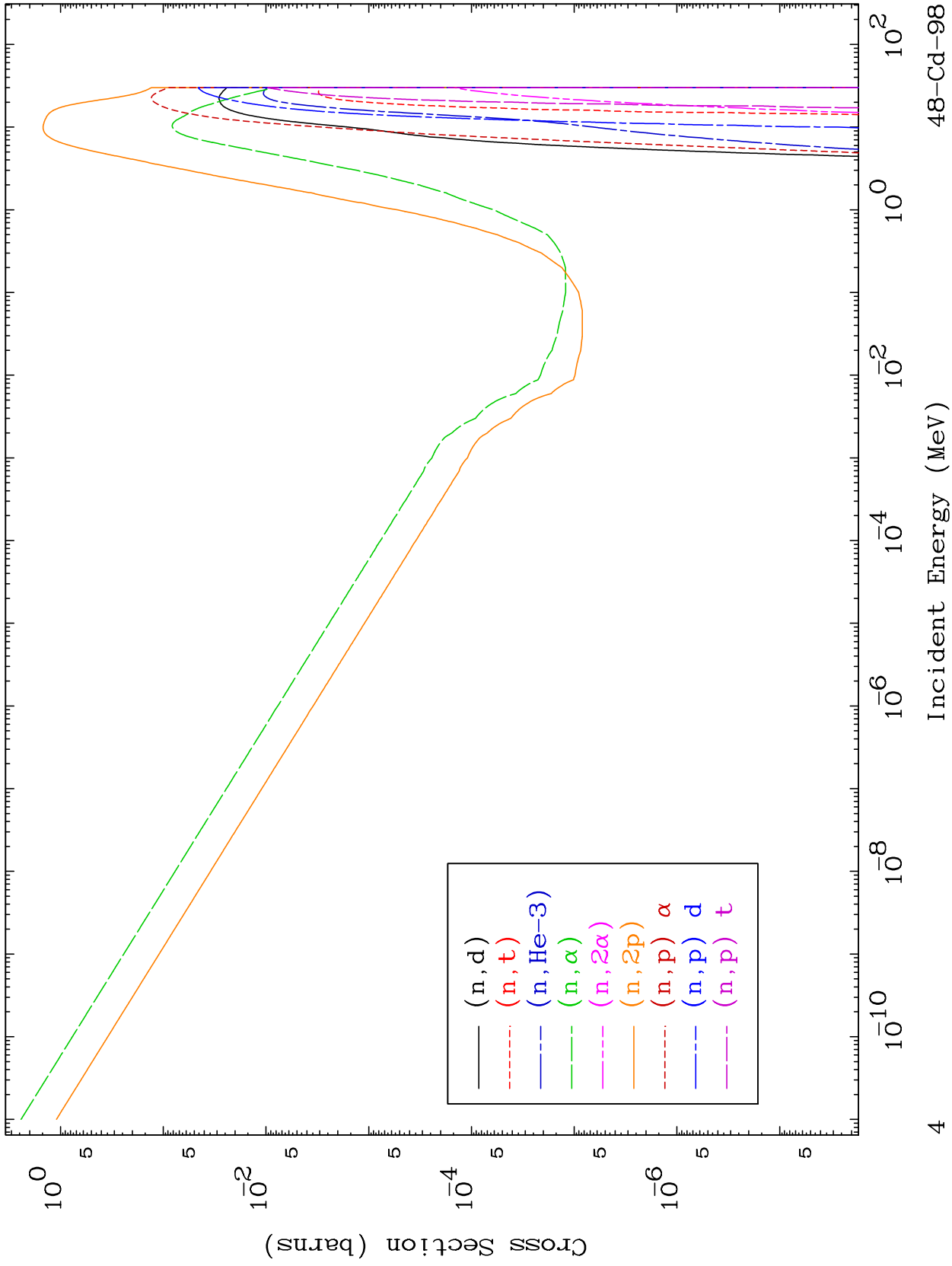
48-Cd-98



MAT 4801

Charged Particle
293 Kelvin Cross Sections

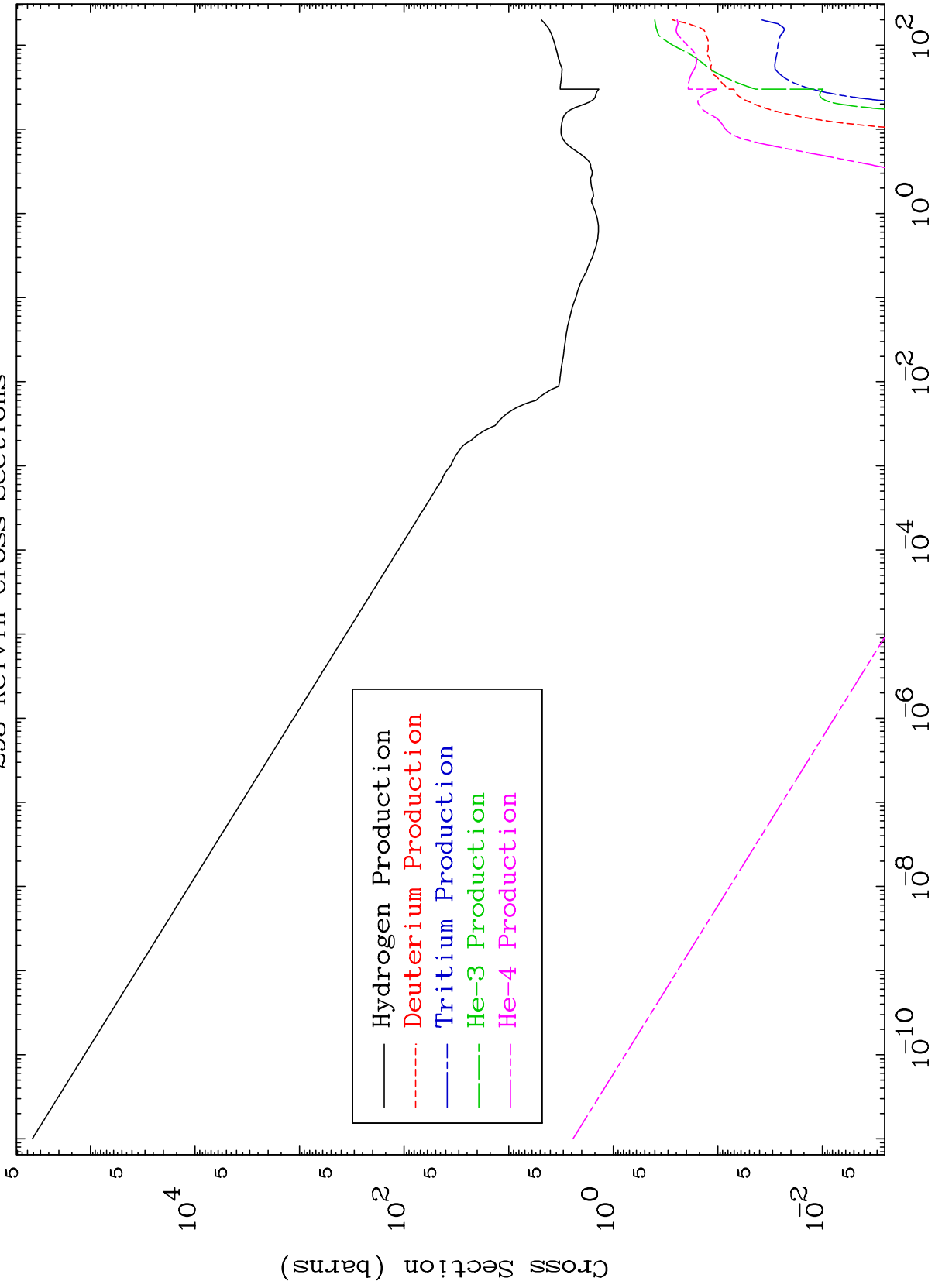
48-Cd-98



MAT 4801

Particle Production
293 Kelvin Cross Sections

48-Cd-98



5

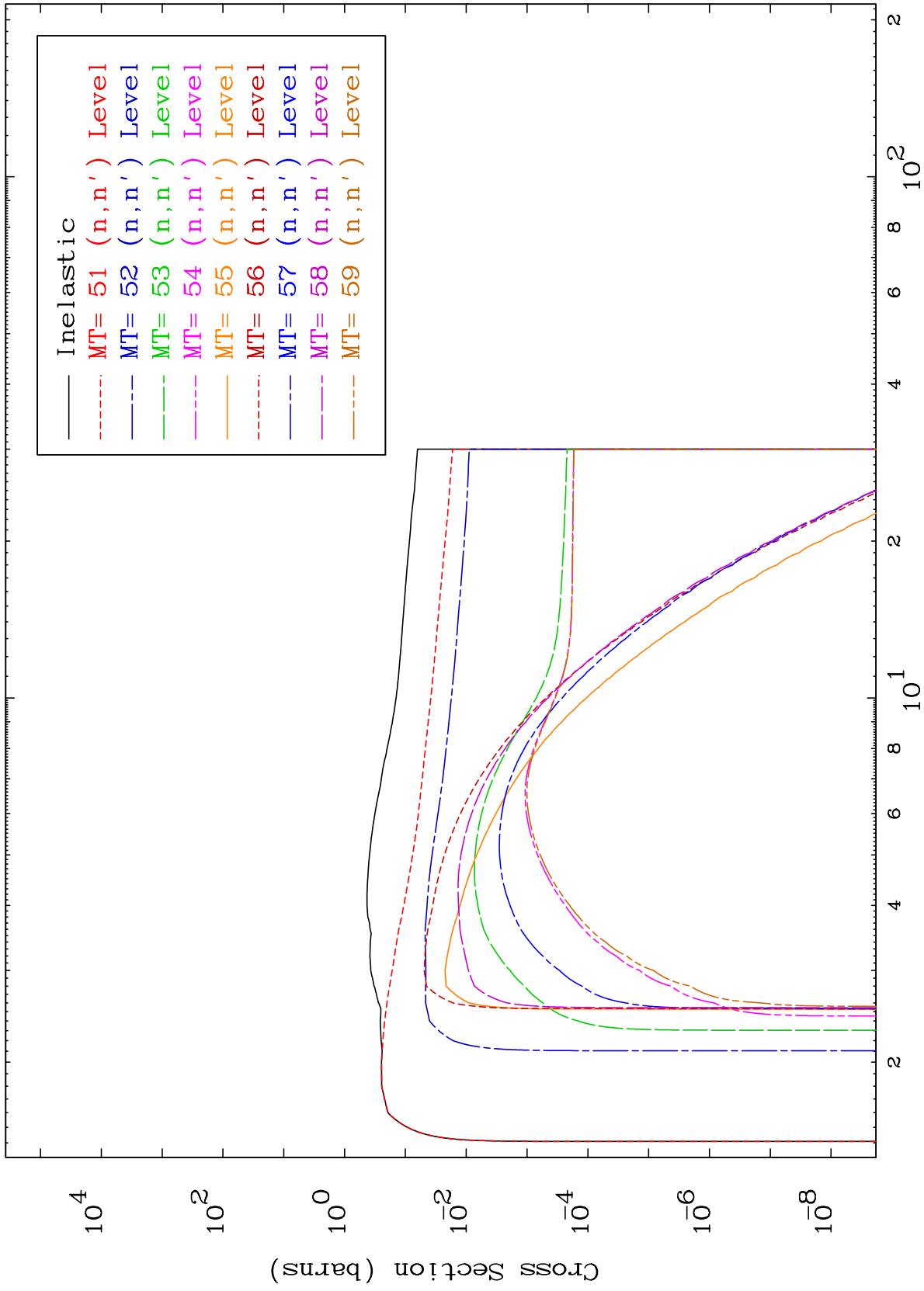
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n,n') Level
293 Kelvin Cross Sections

48-Cd-98



6

Incident Energy (MeV)

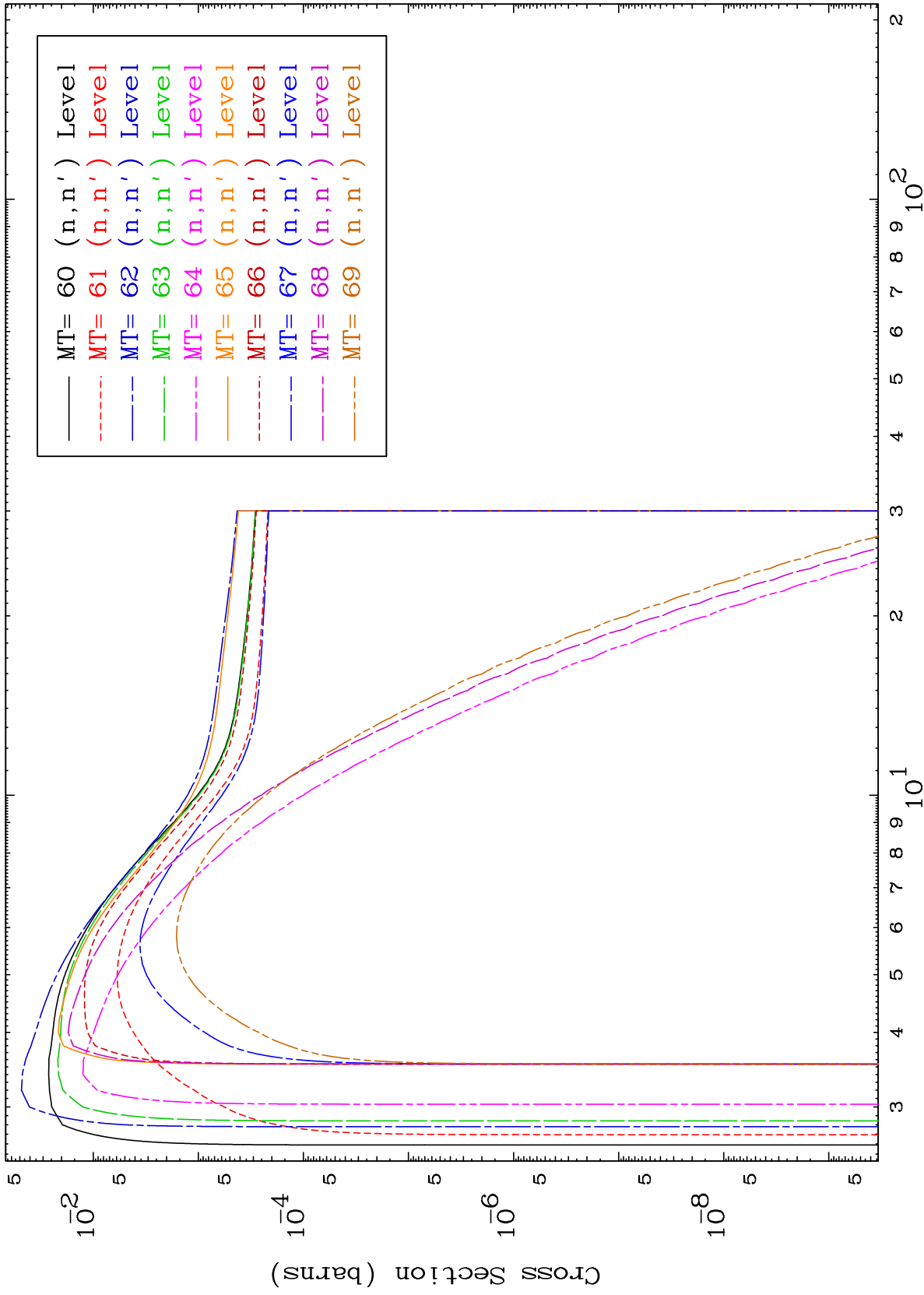
48-Cd-98

MAT 4801

(n,n') Level

48-Cd-98

293 Kelvin Cross Sections



7

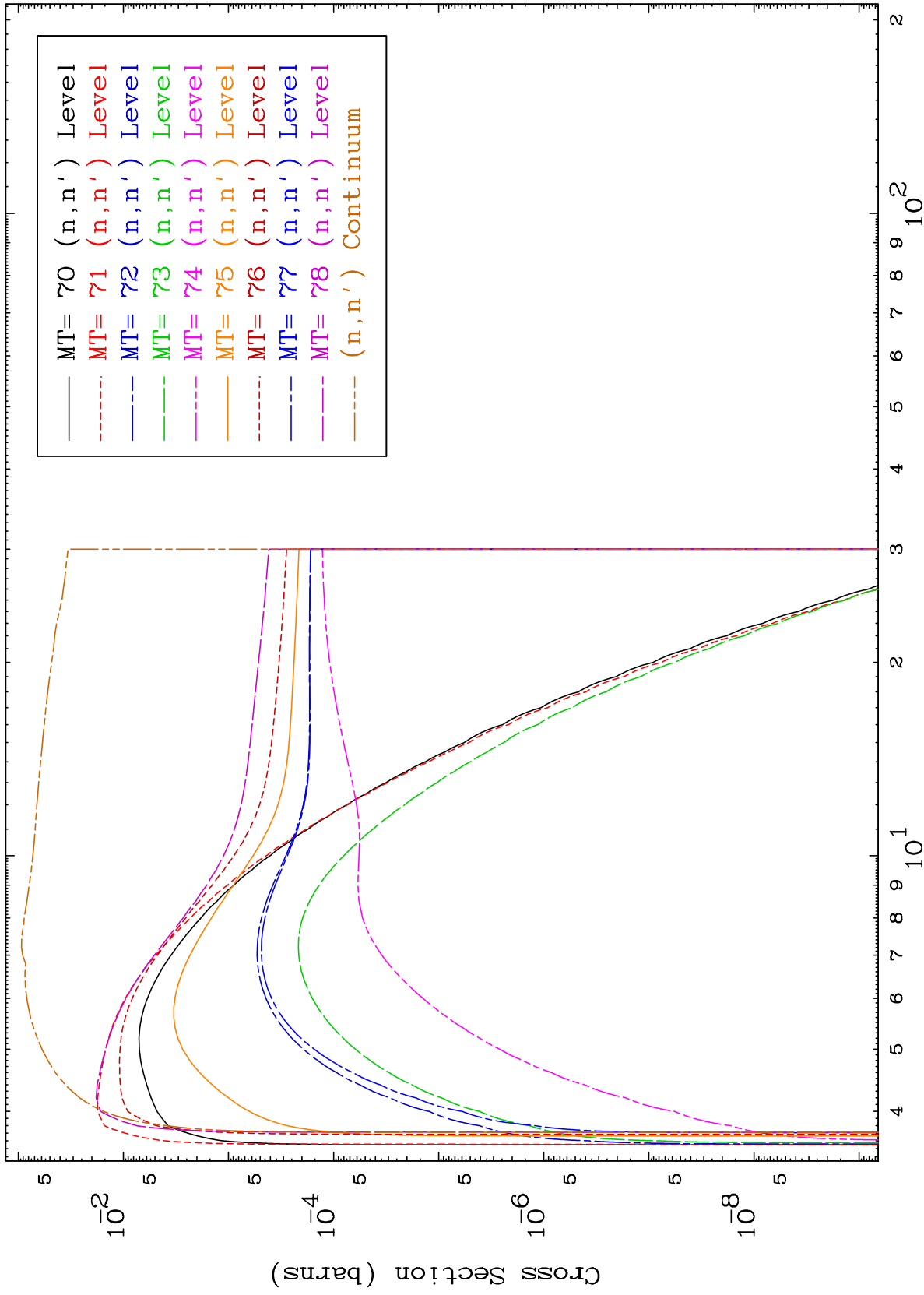
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n,n') Level
293 Kelvin Cross Sections

48-Cd-98



8

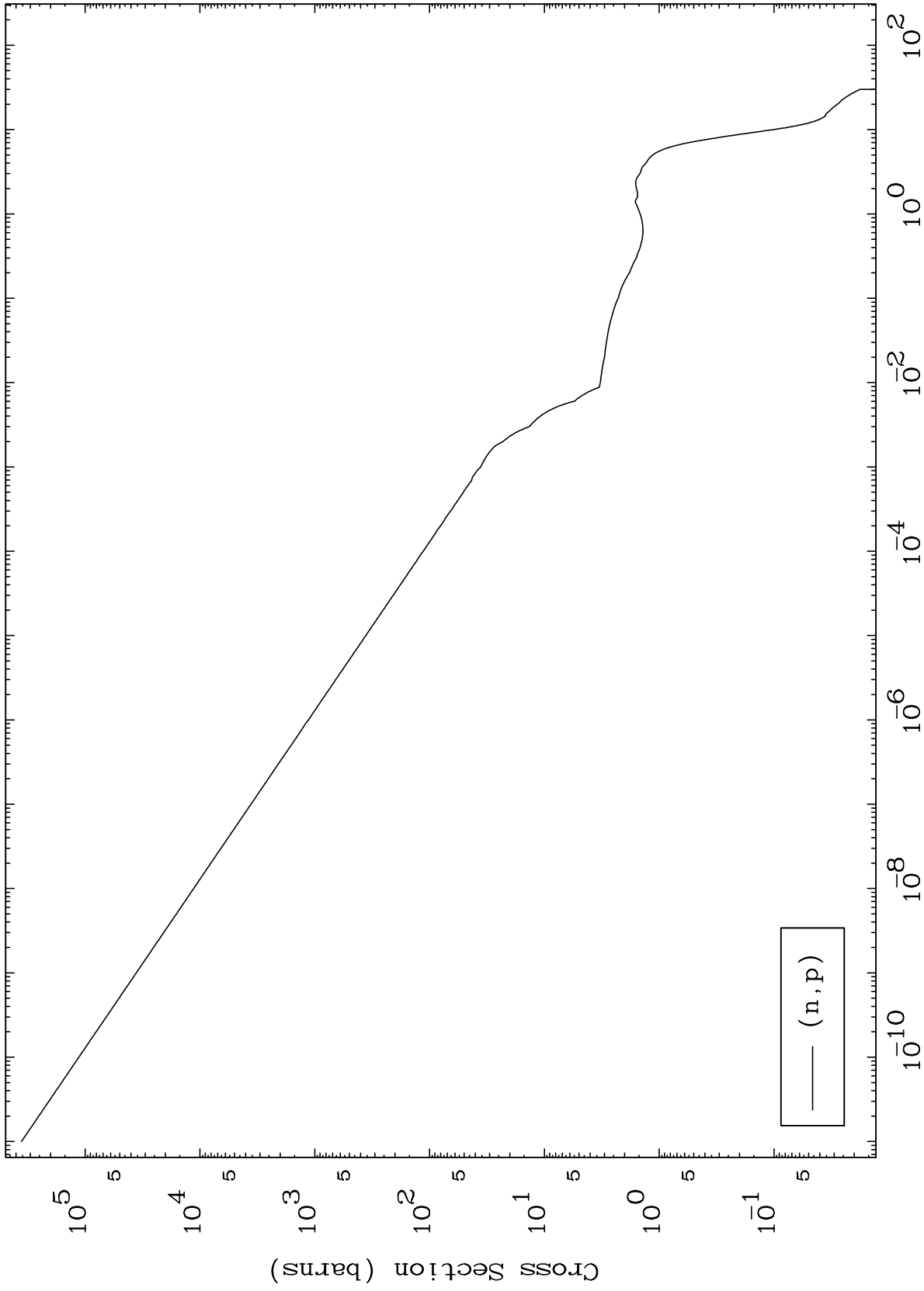
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-98



9

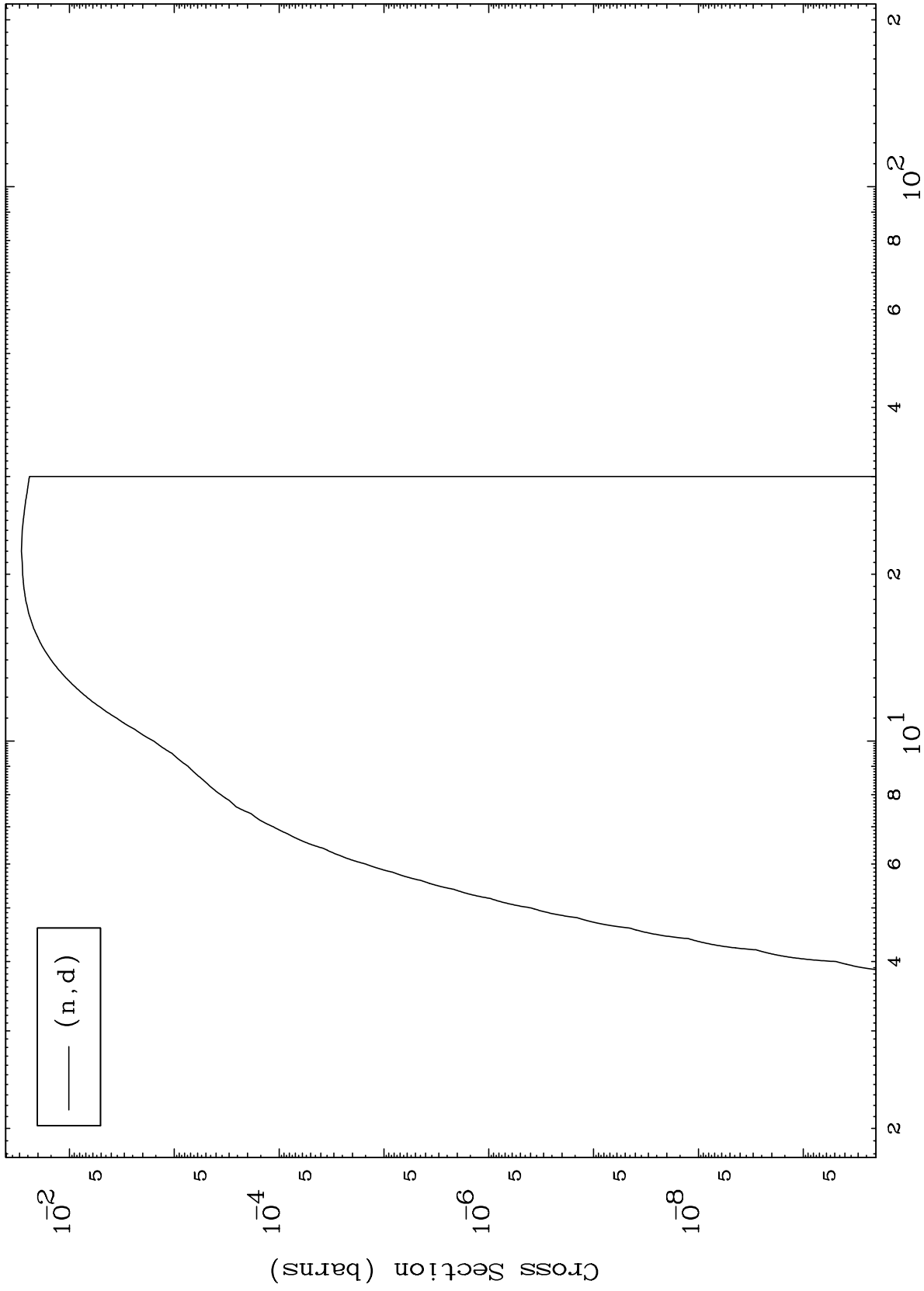
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-98



10

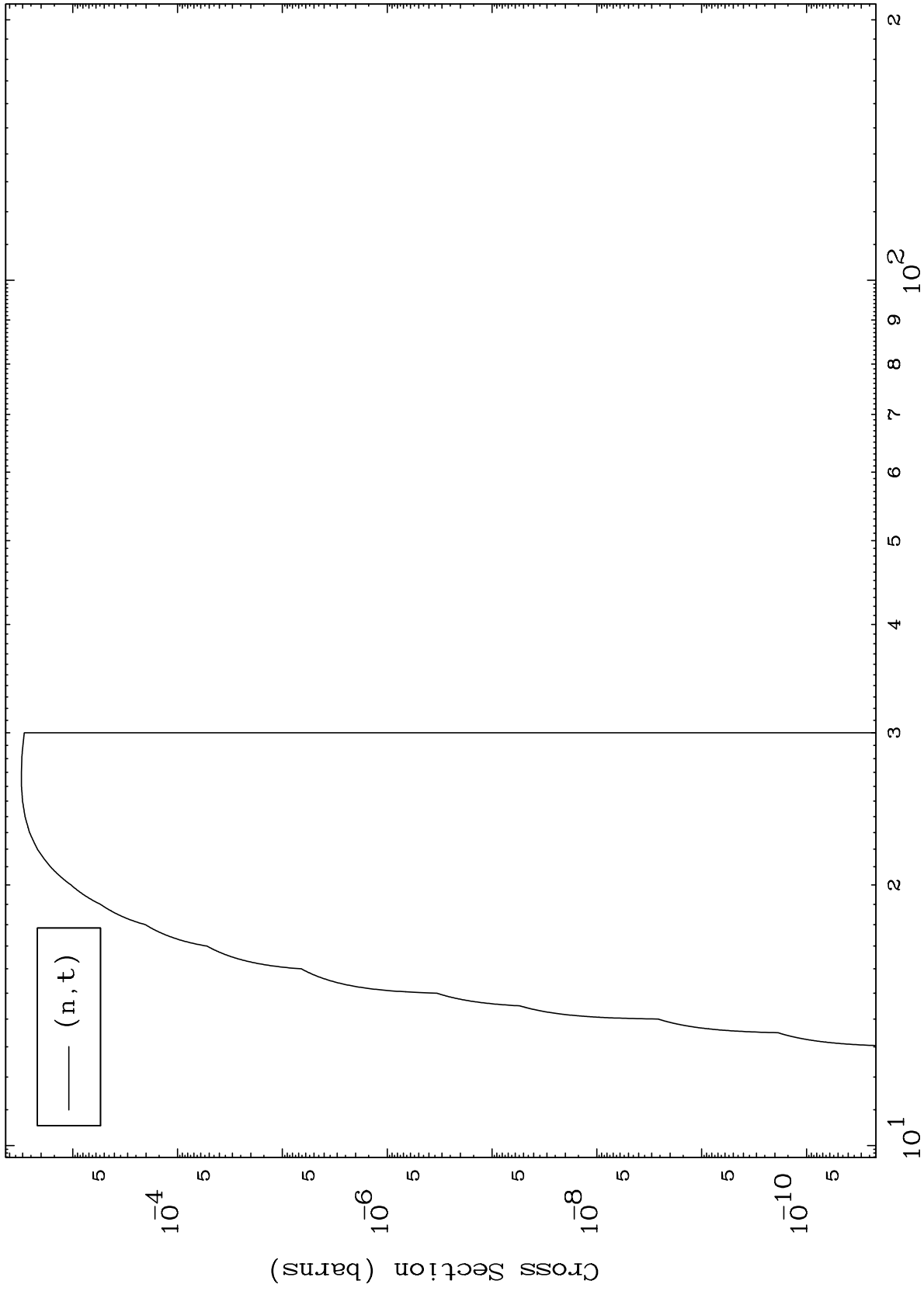
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-98



11

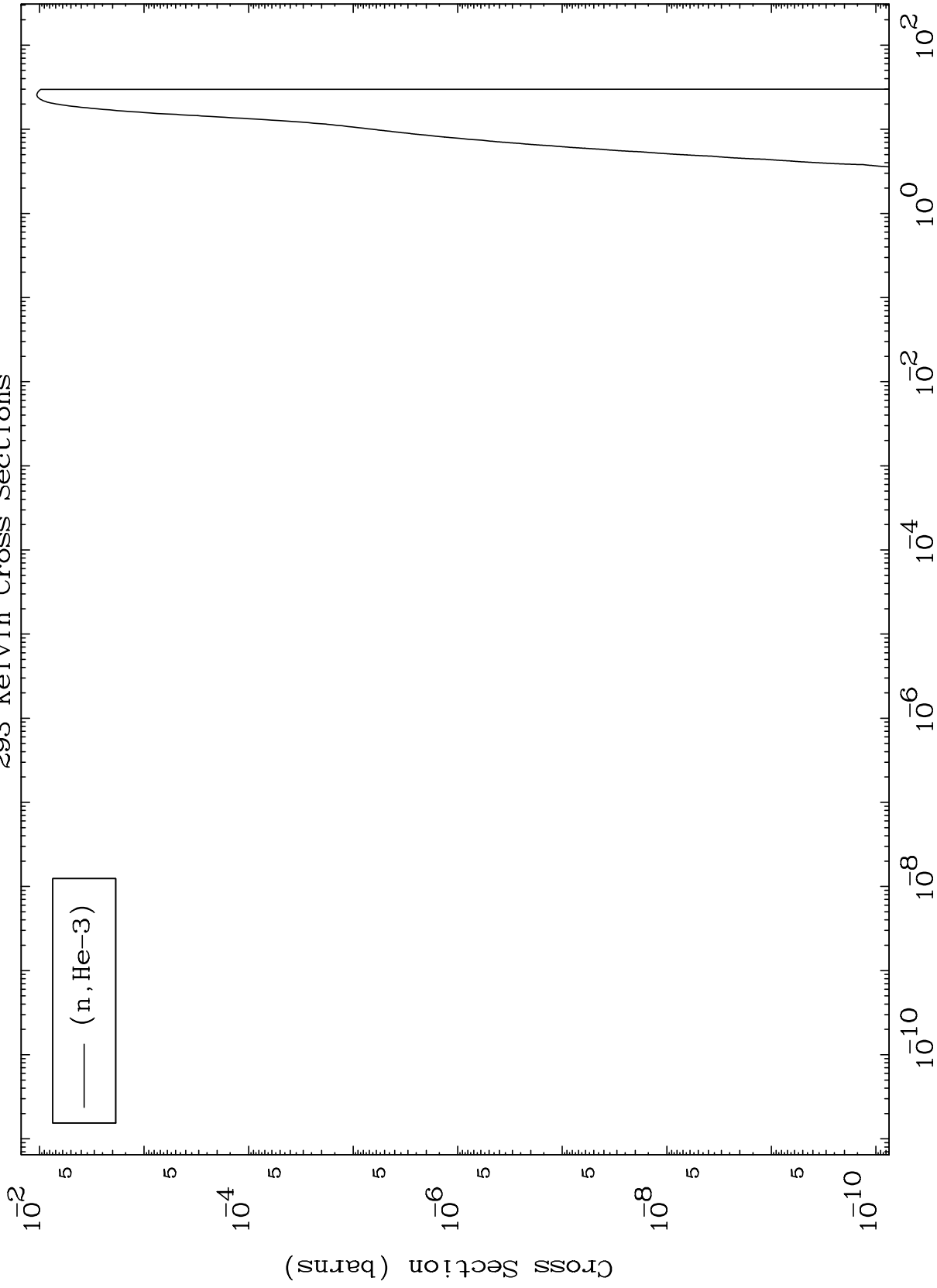
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-98



12

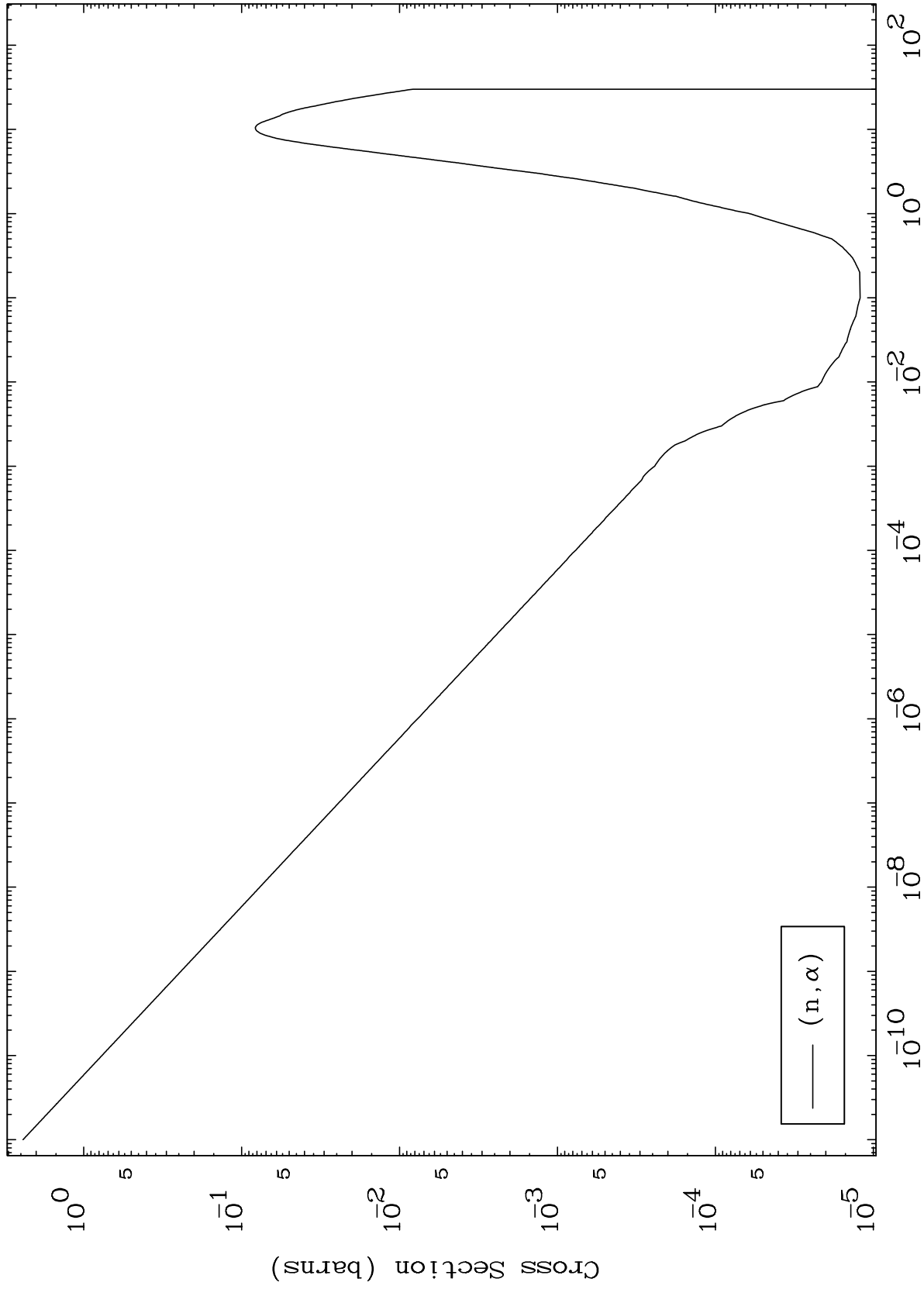
Incident Energy (MeV)

48-Cd-98

MAT 4801

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-98

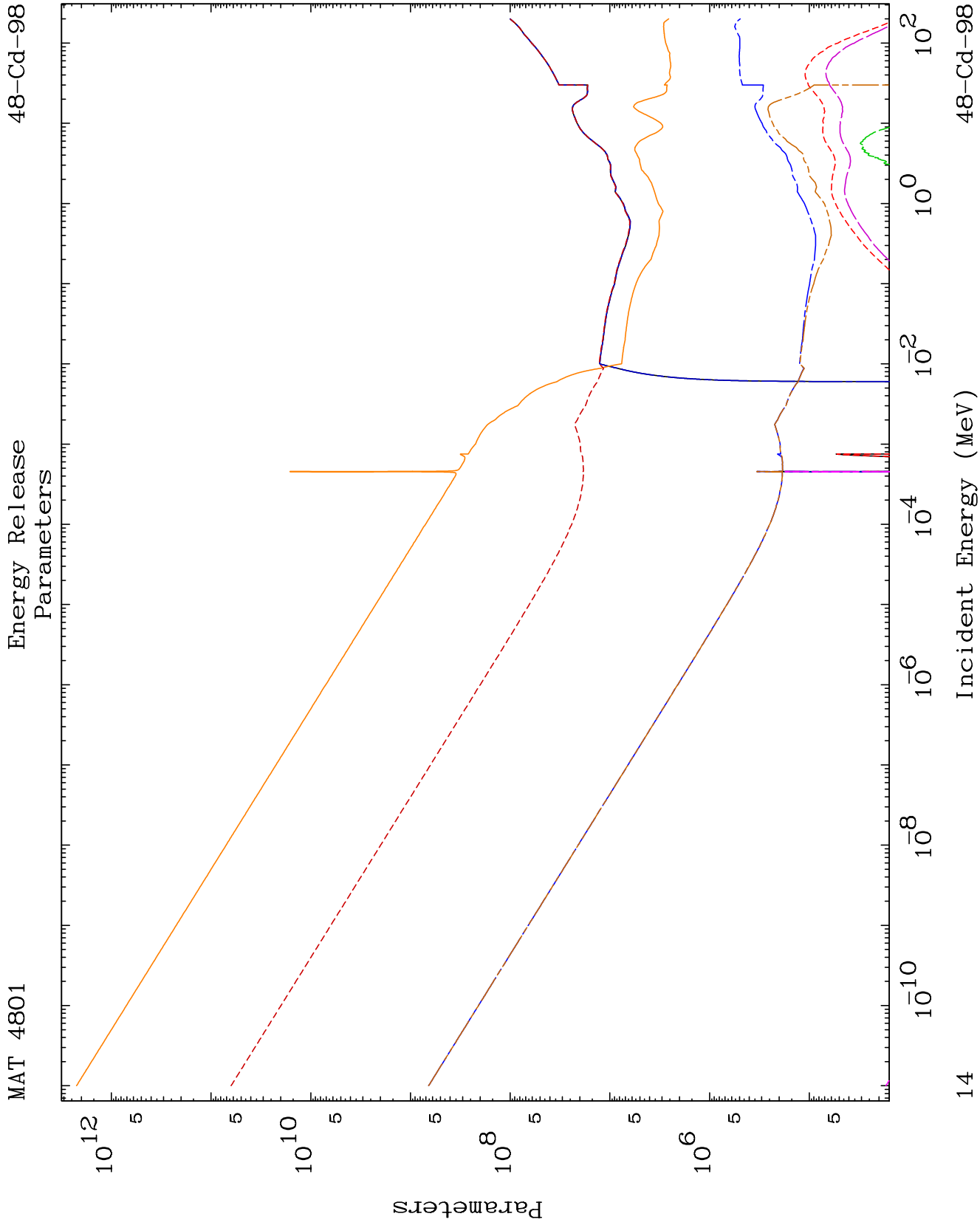


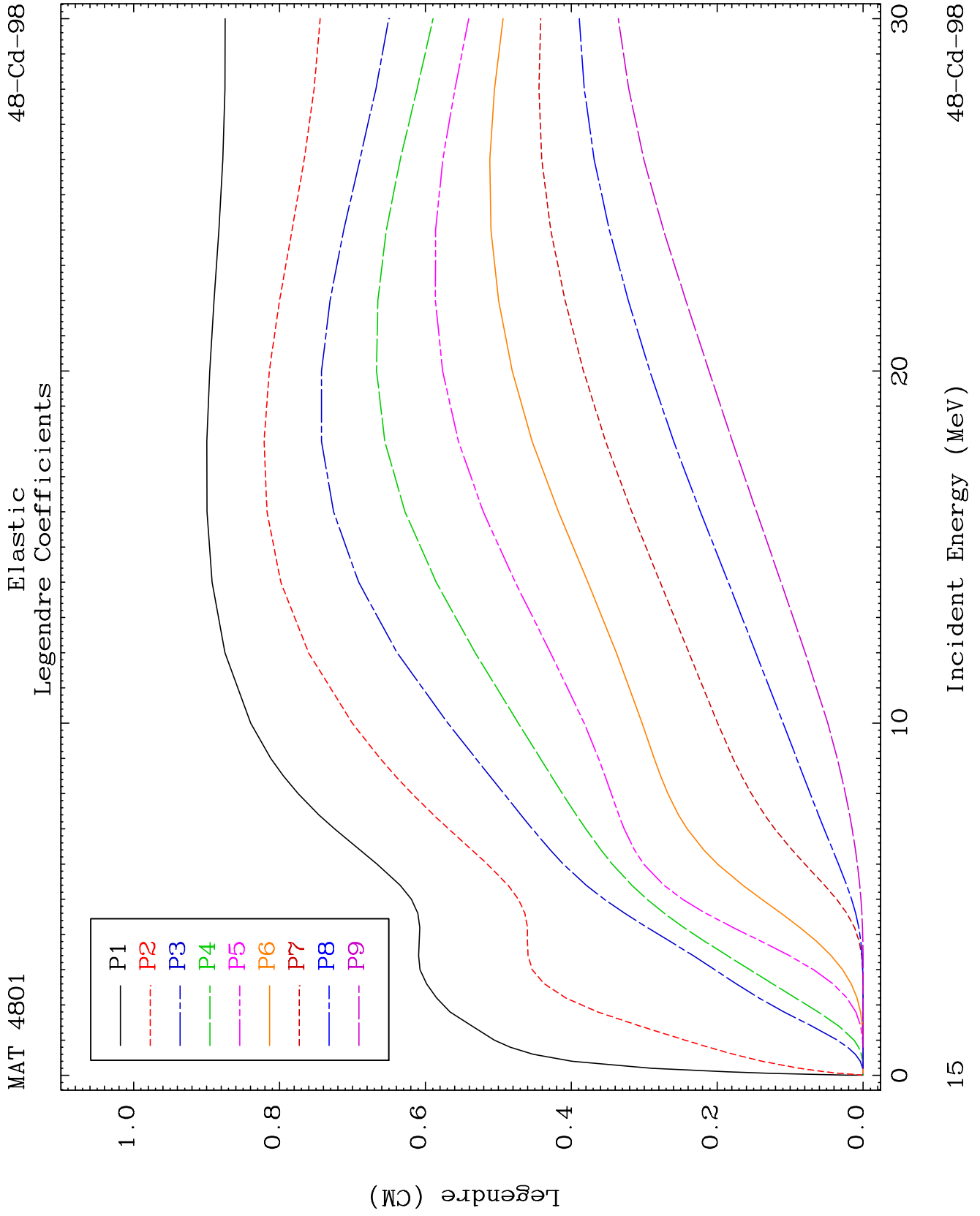
13

Incident Energy (MeV)

48-Cd-98

--- Dpa elastic (mt2)
--- Dpa disappearance (mt102 -120)

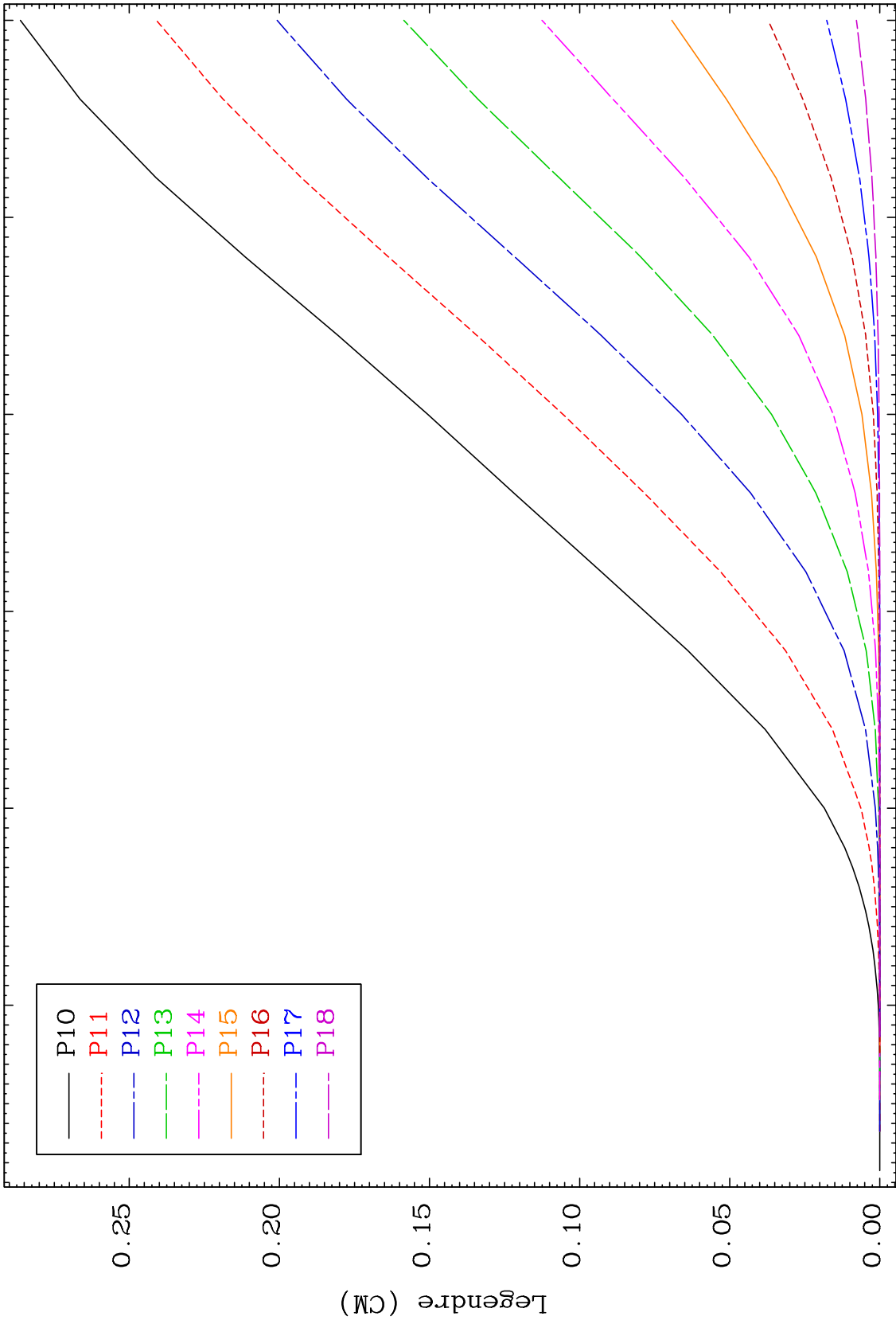




MAT 4801

Elastic Legendre Coefficients

48-Cd-98



16

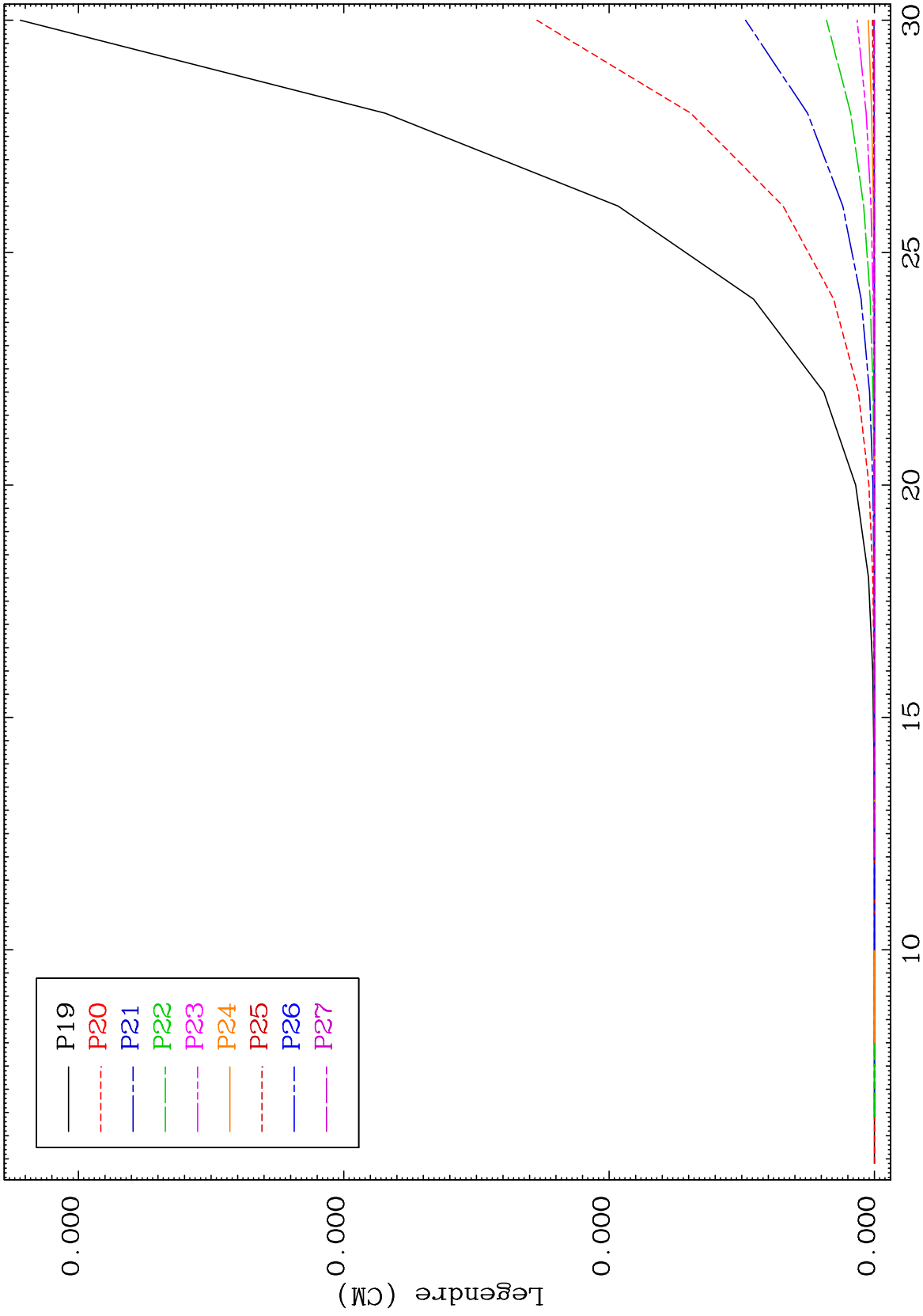
Incident Energy (MeV)

48-Cd-98

MAT 4801

Elastic Legendre Coefficients

48-Cd-98



17

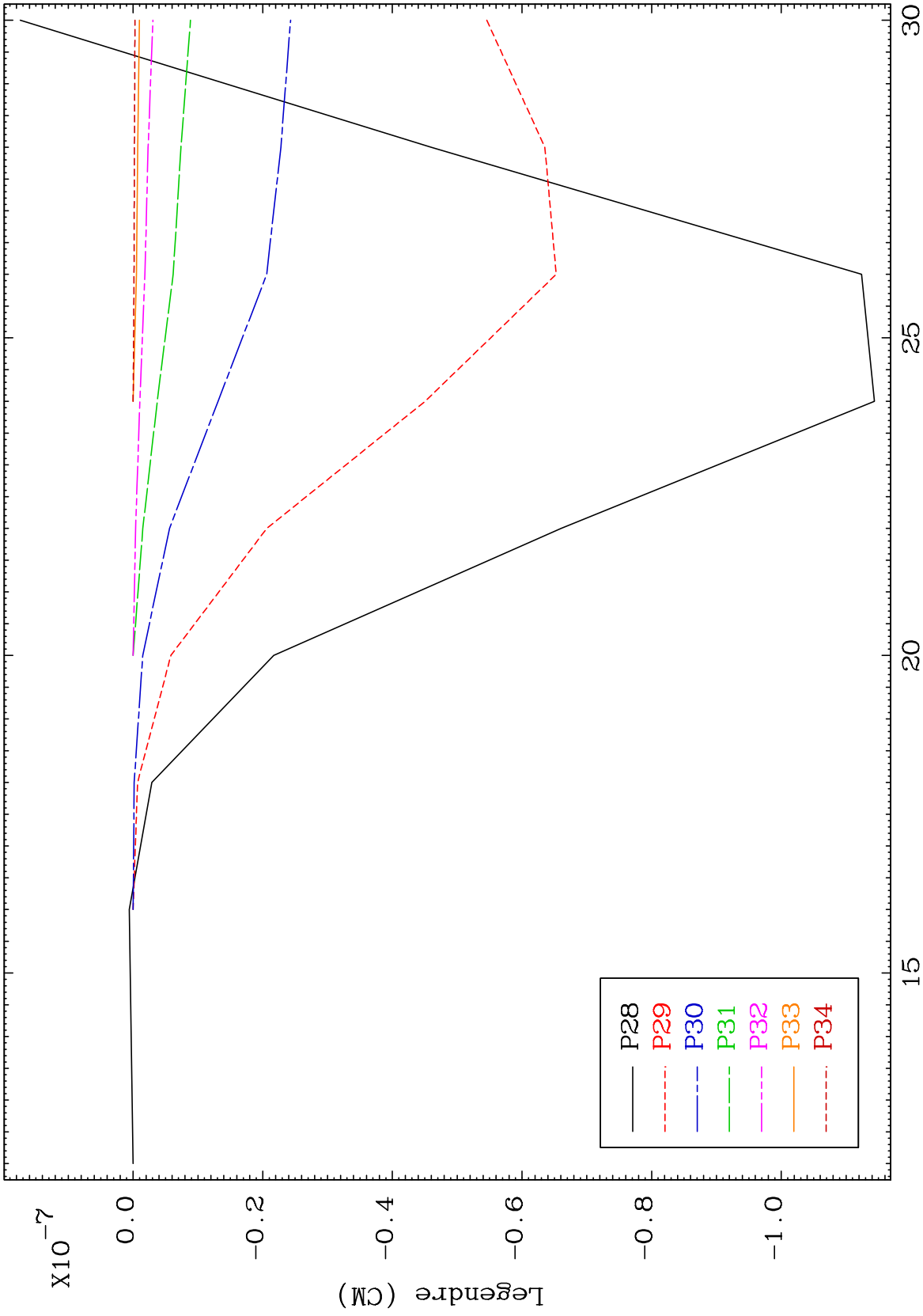
Incident Energy (MeV)

48-Cd-98

MAT 4801

Elastic Legendre Coefficients

48-Cd-98

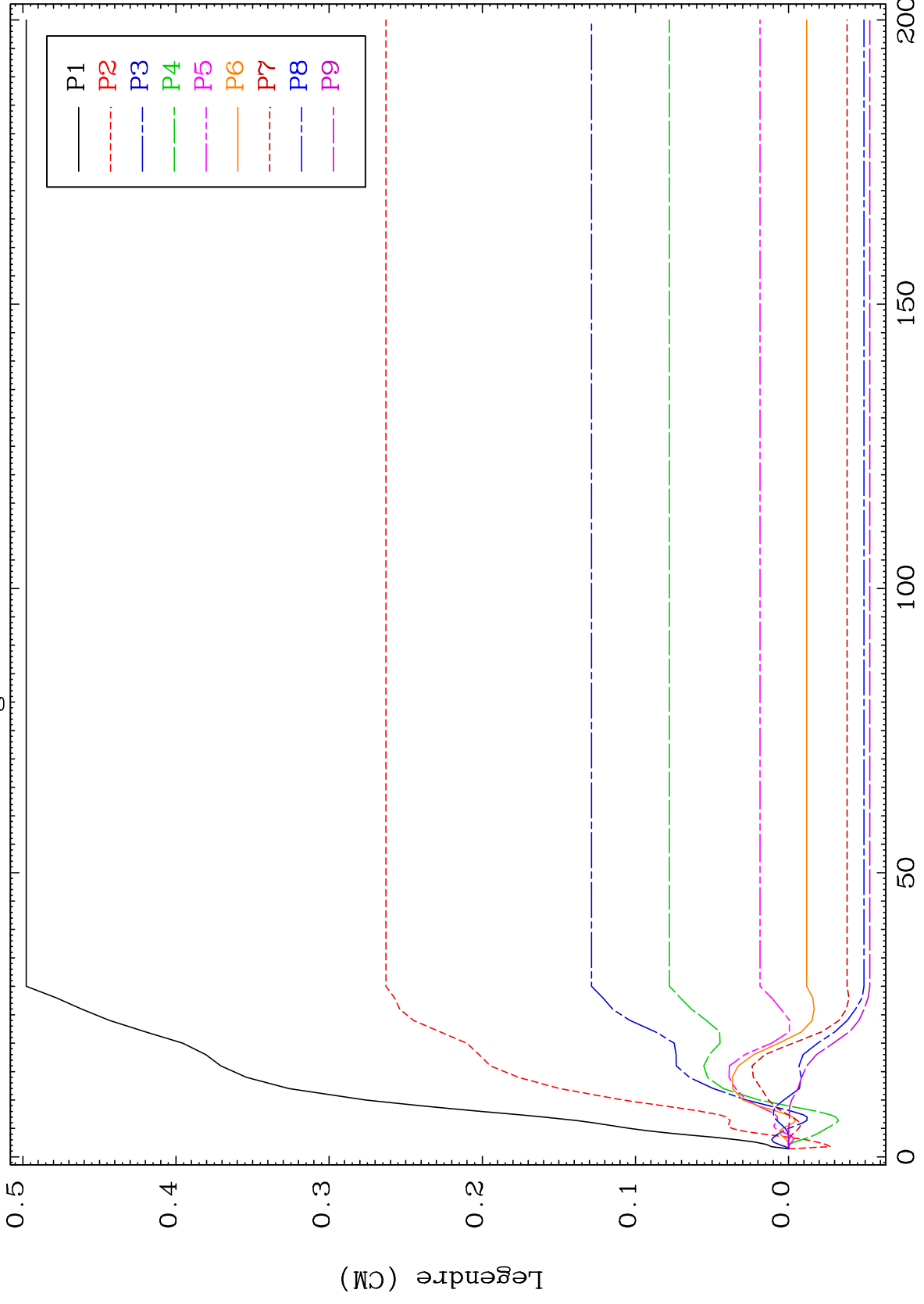


18

Incident Energy (MeV)

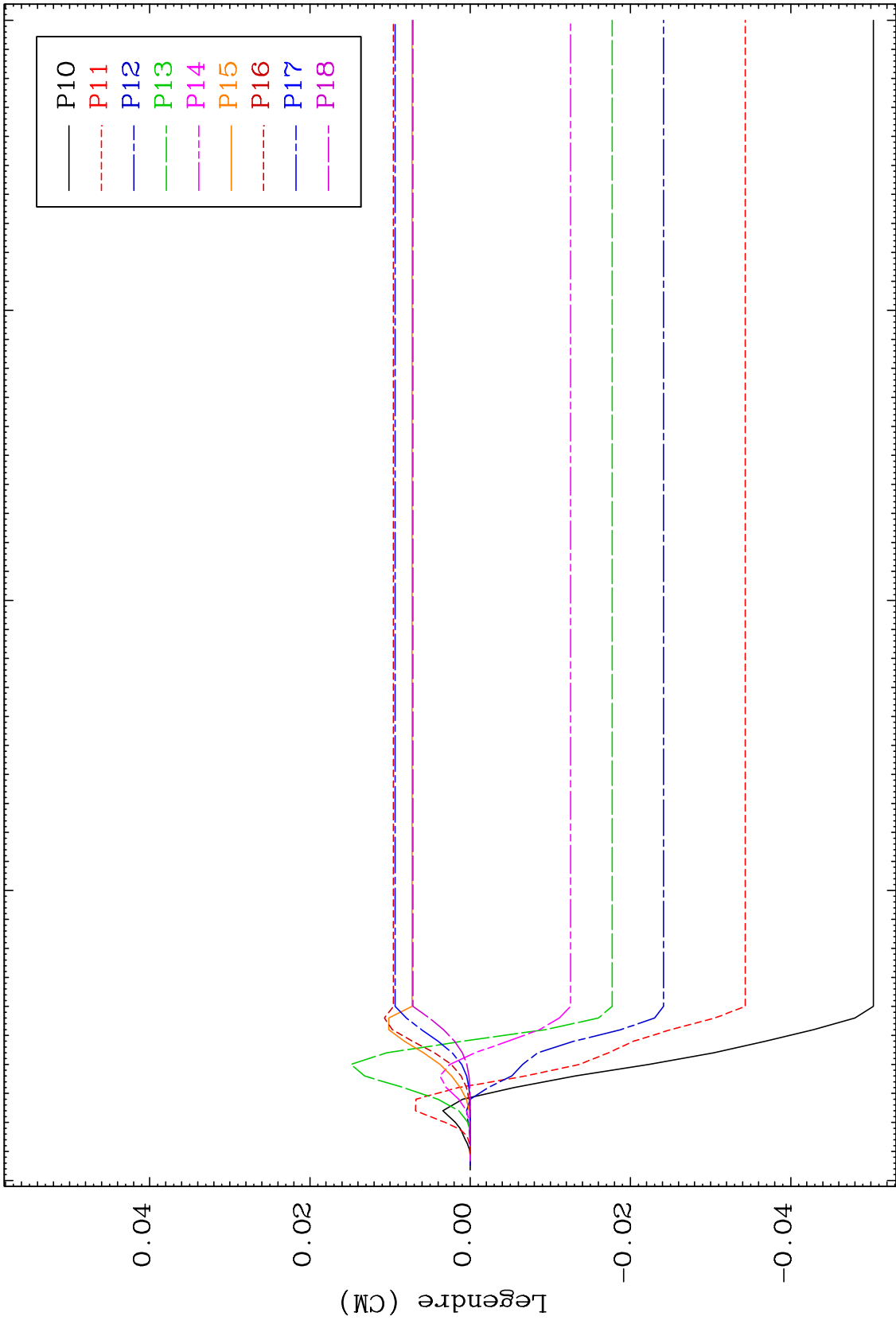
48-Cd-98

MAT 4801 MT= 51 (n,n') Level Legendre Coefficients 48-Cd-98



19 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 51 (n,n') Level Legendre Coefficients 48-Cd-98

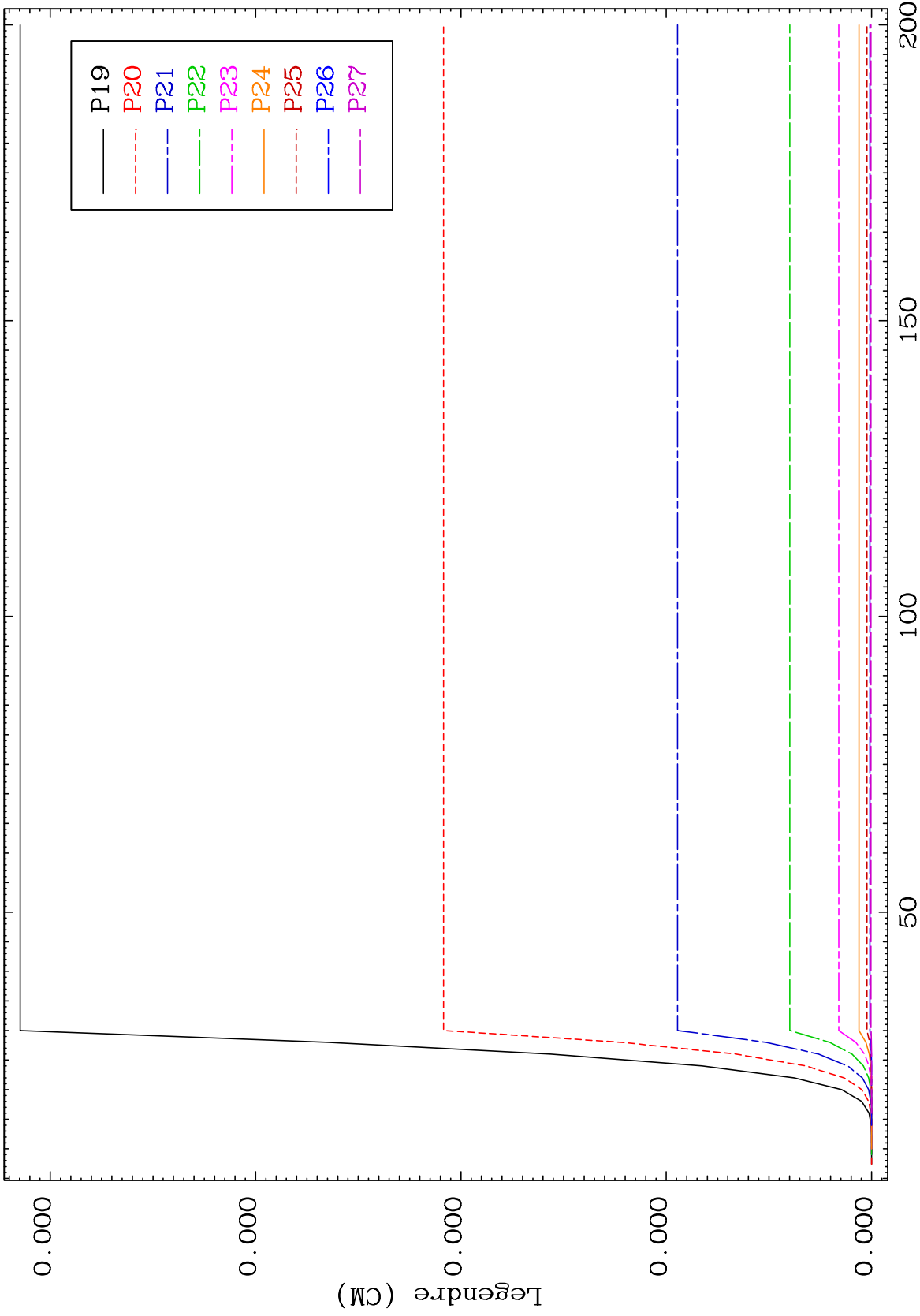


48-Cd-98

MAT 4801

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

48-Cd-98



21

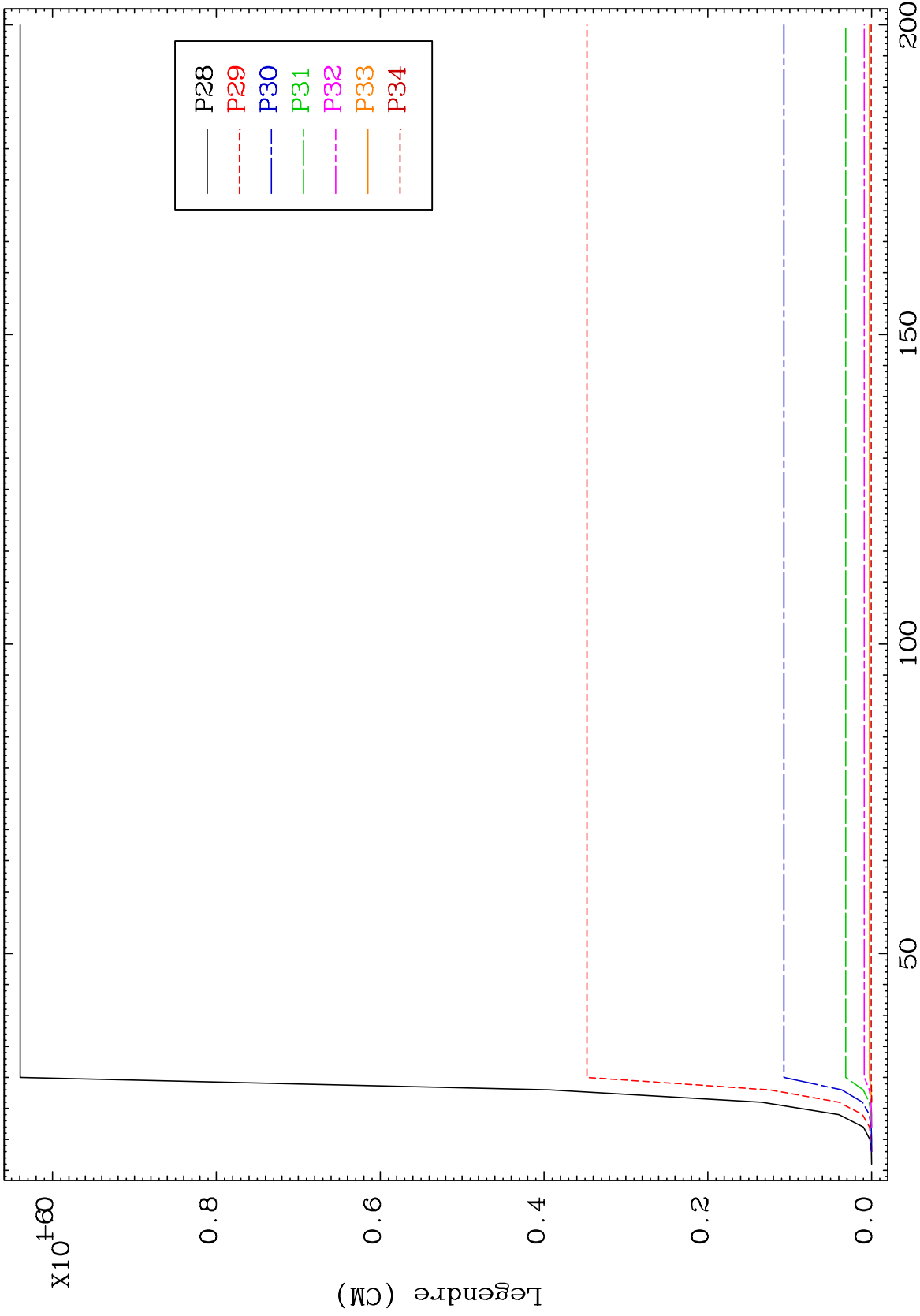
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



22

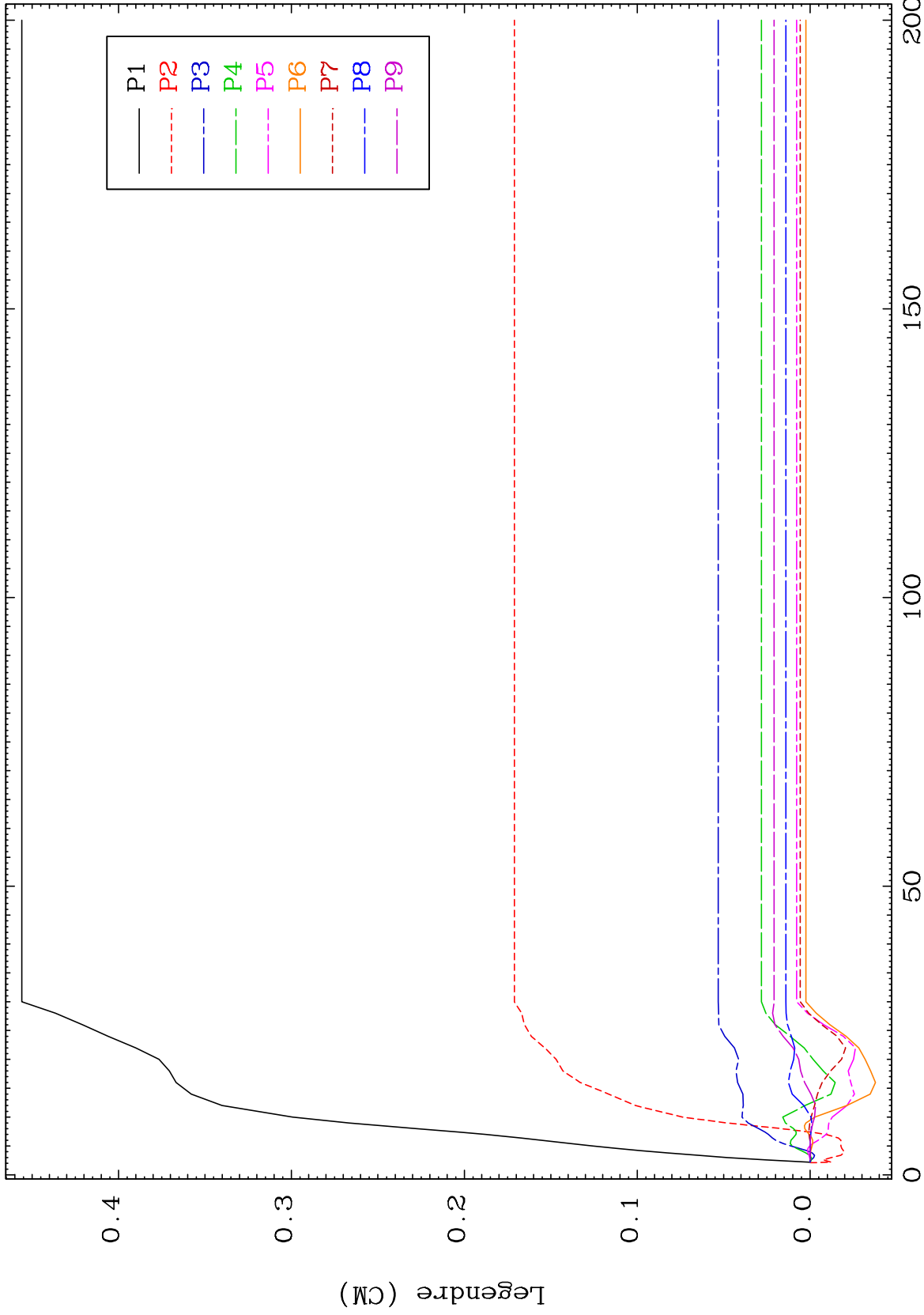
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



23

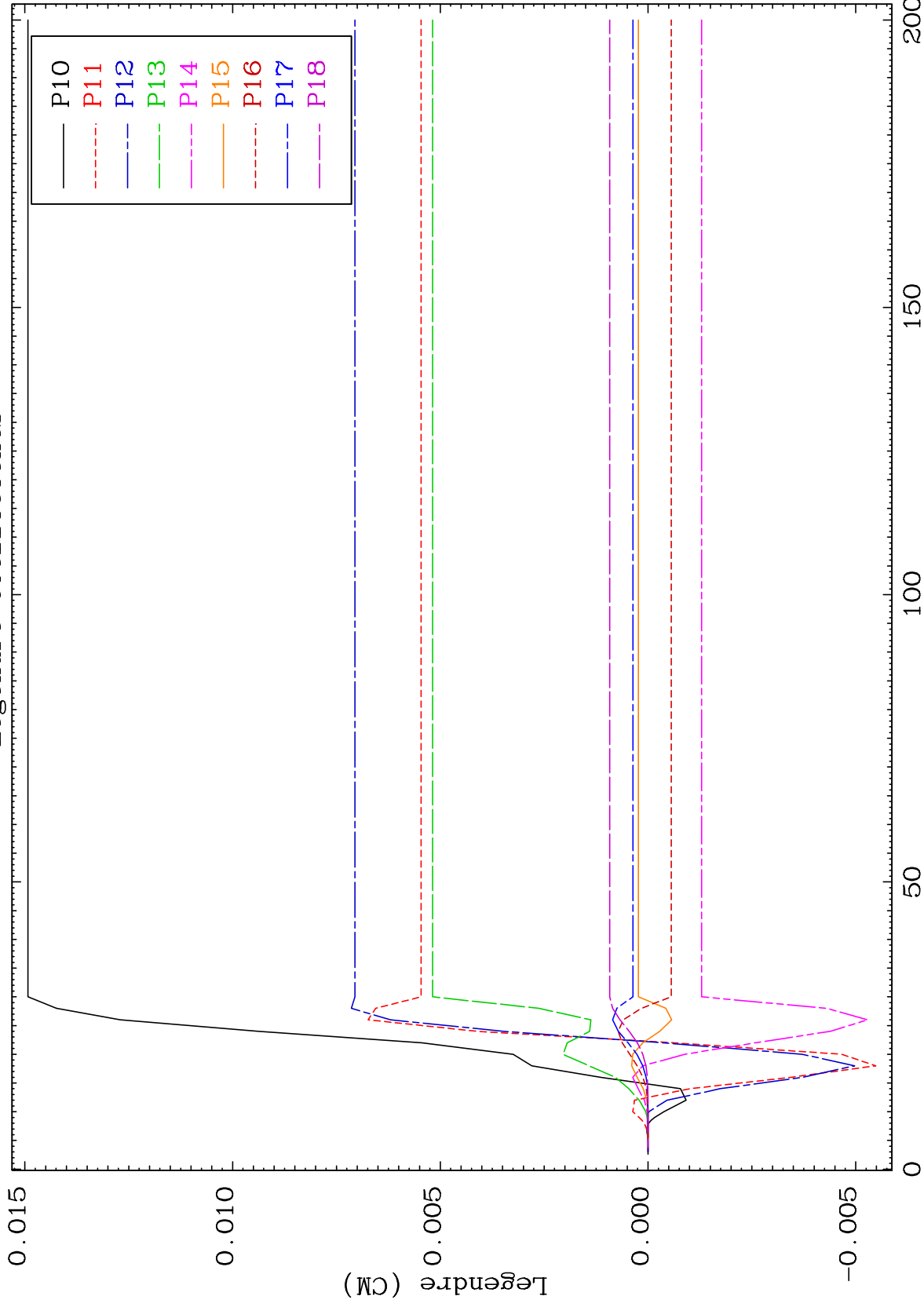
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



48-Cd-98

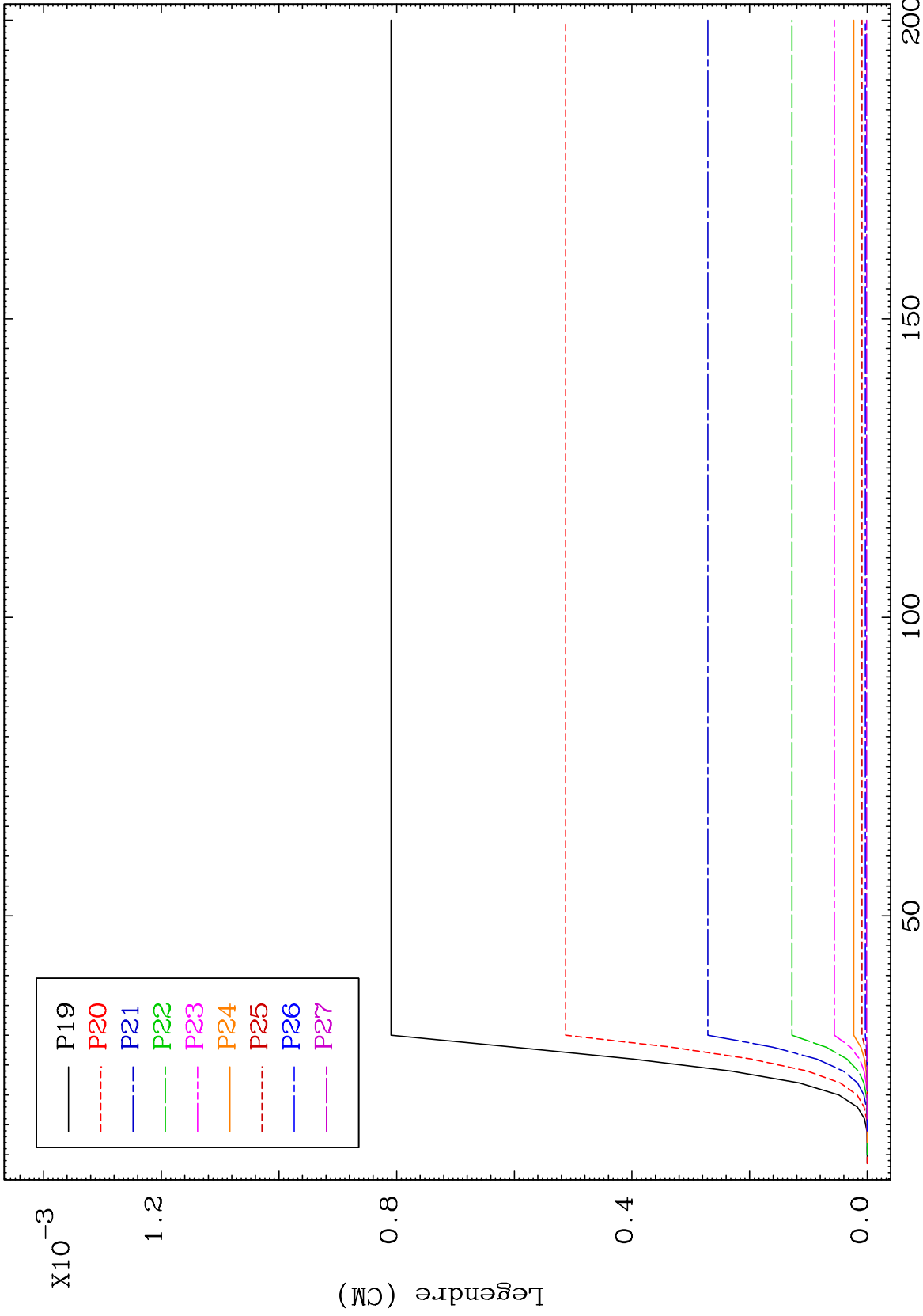
Incident Energy (MeV)

24

MAT 4801

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

48-Cd-98



25

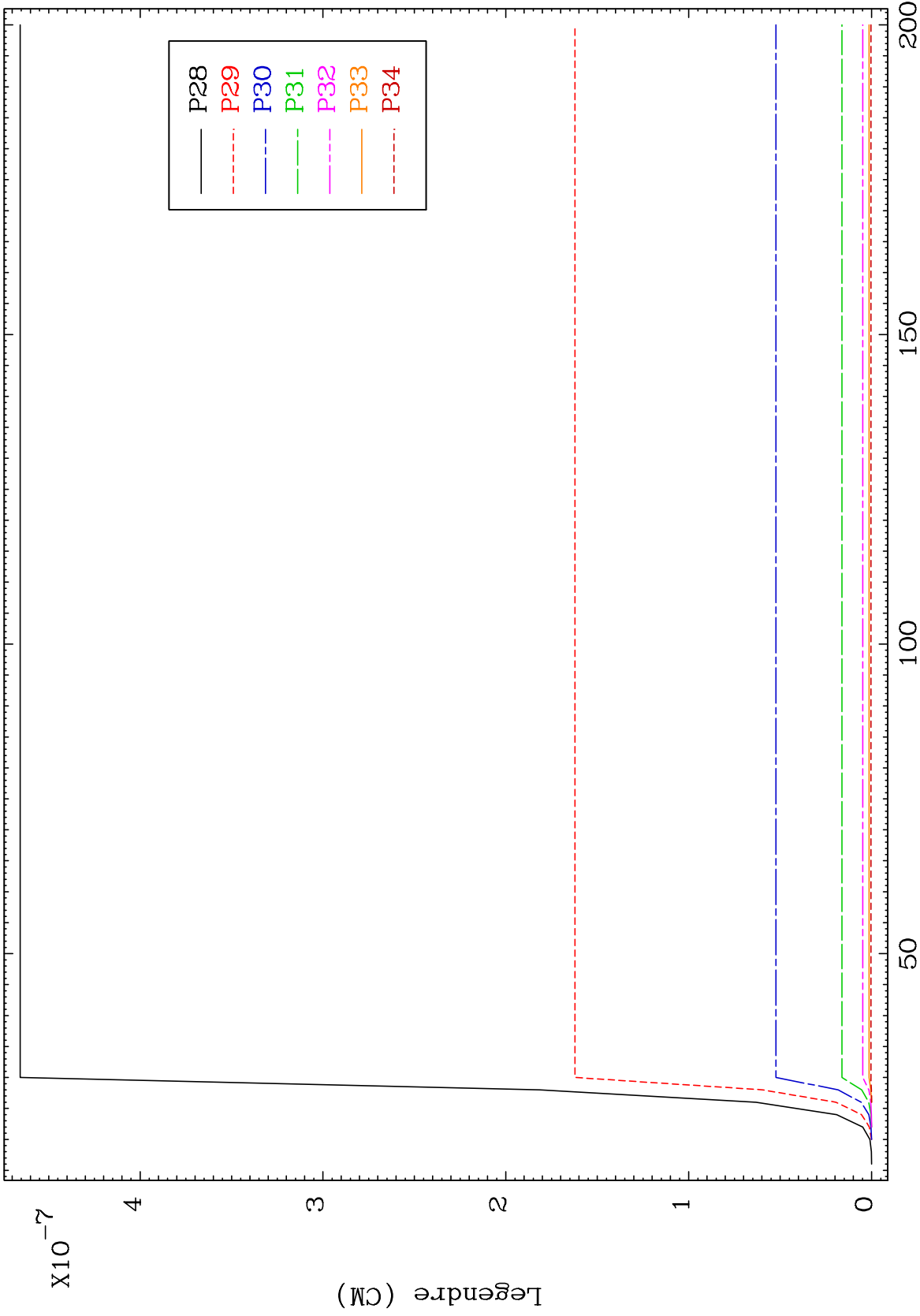
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

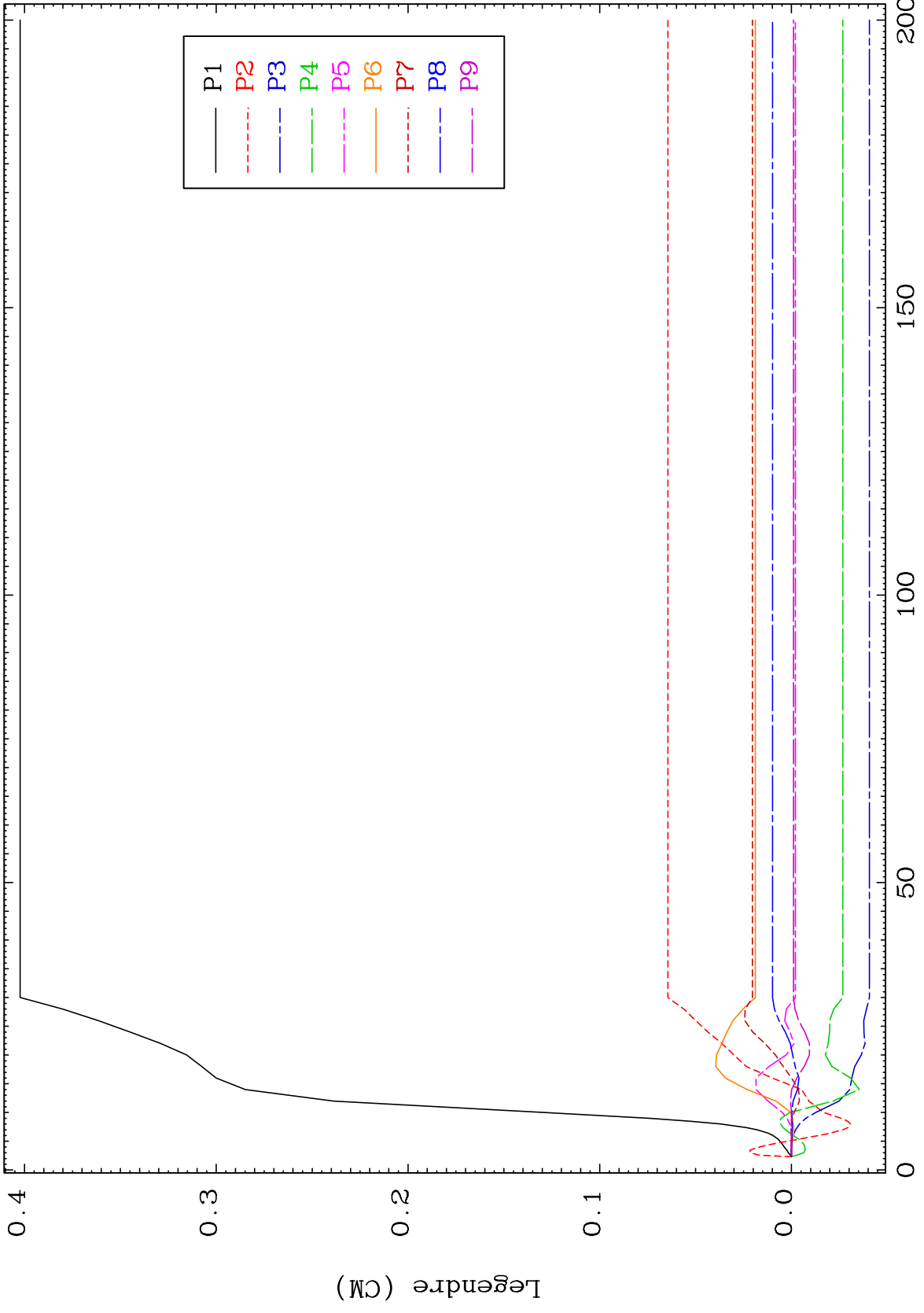
48-Cd-98



26

48-Cd-98

MAT 4801 MT= 53 (n,n') Level Legendre Coefficients 48-Cd-98



48-Cd-98

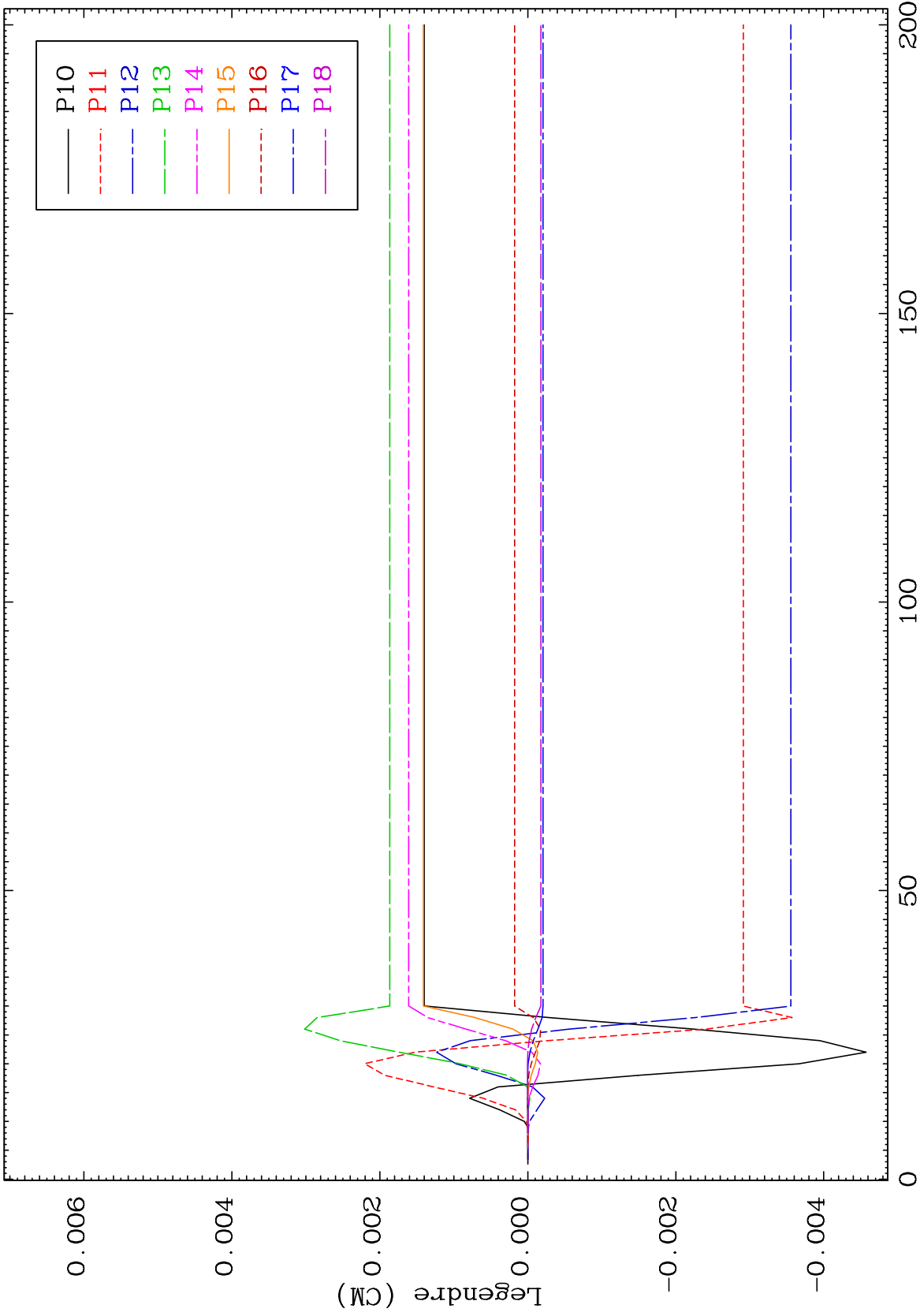
Incident Energy (MeV)

27

MAT 4801

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

48-Cd-98

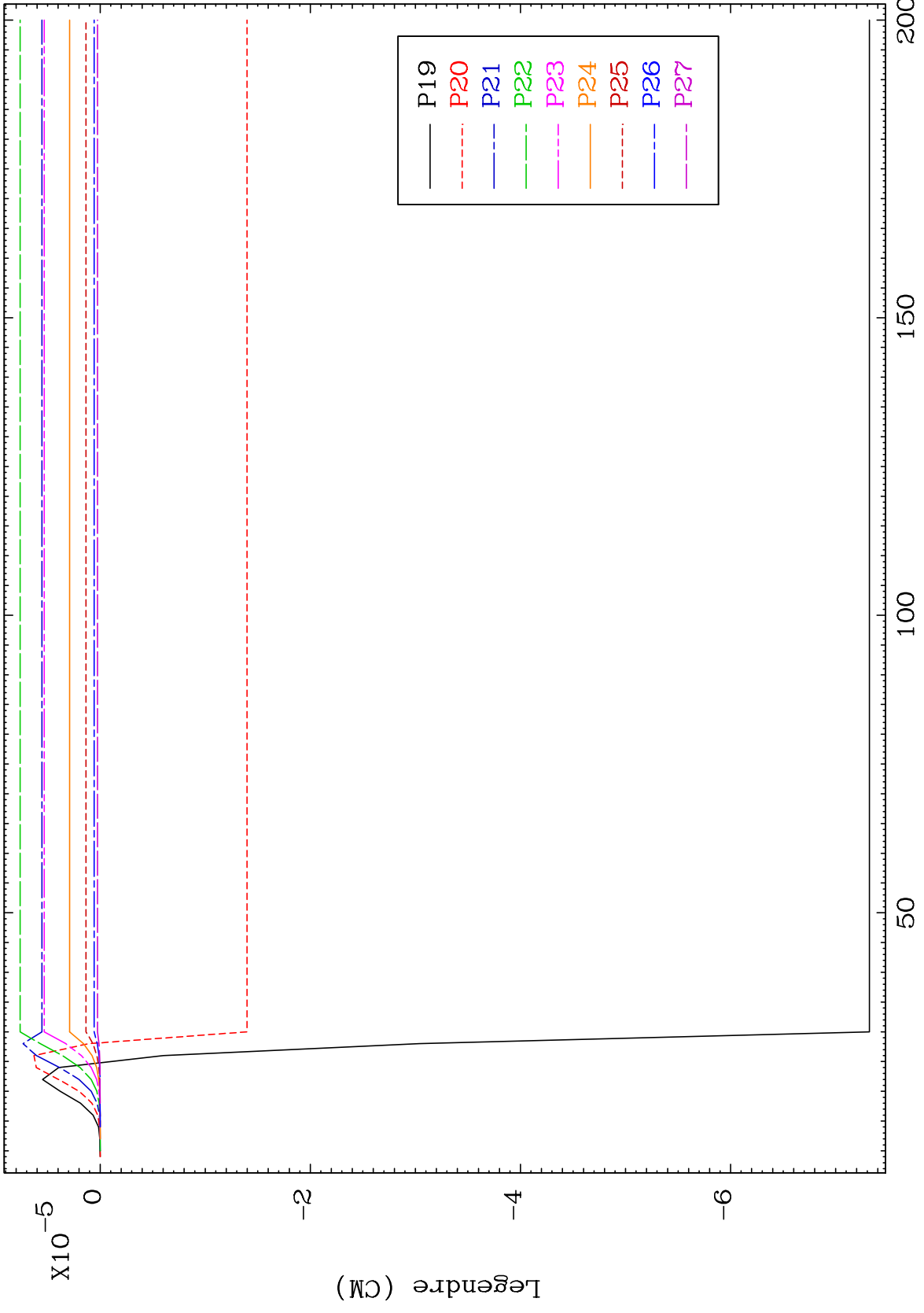


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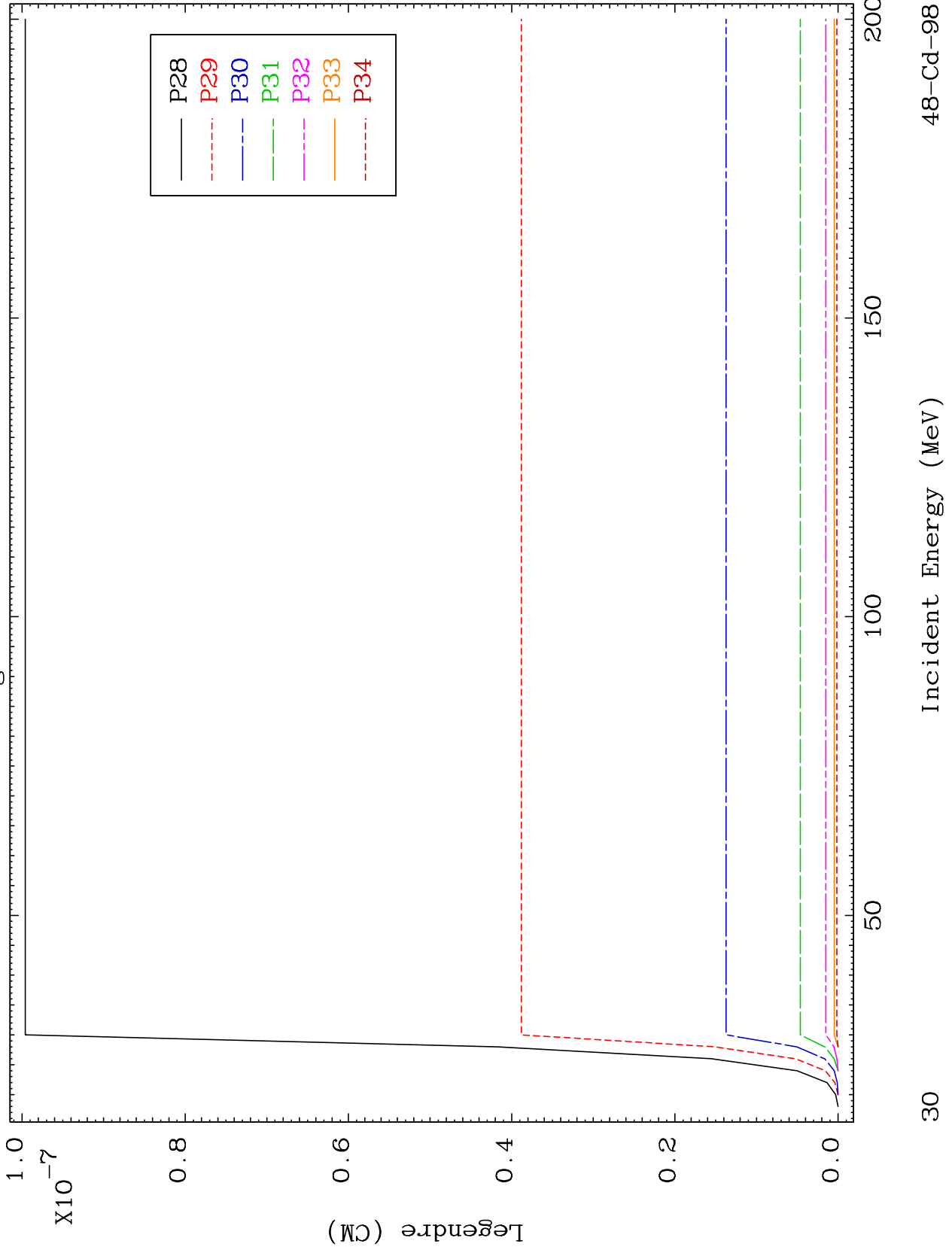
Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 53 (n,n') Level Legendre Coefficients 48-Cd-98



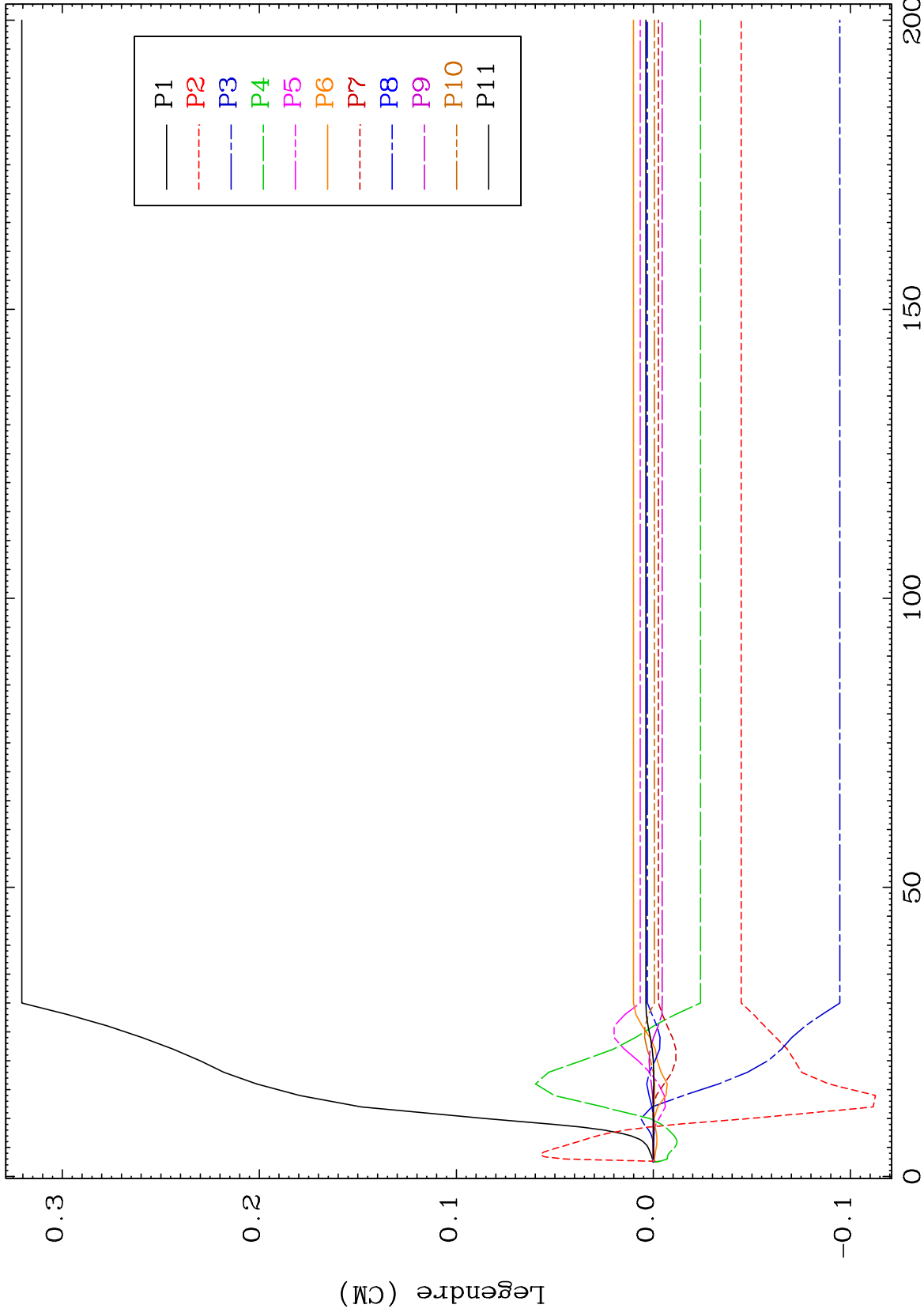
MAT 4801 MT= 53 (n,n') Level Legendre Coefficients 48-Cd-98



MAT 4801

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

48-Cd-98



31

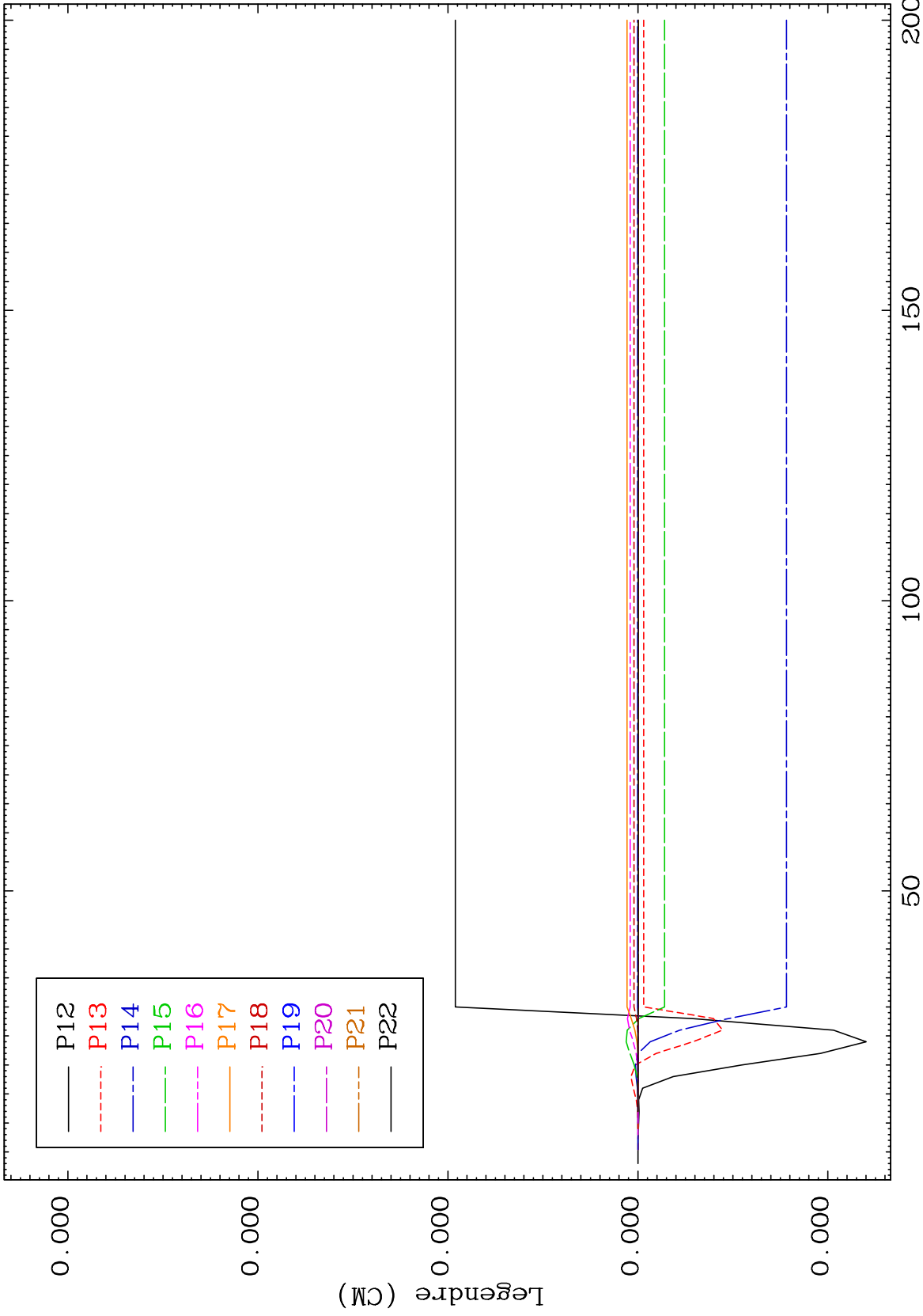
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



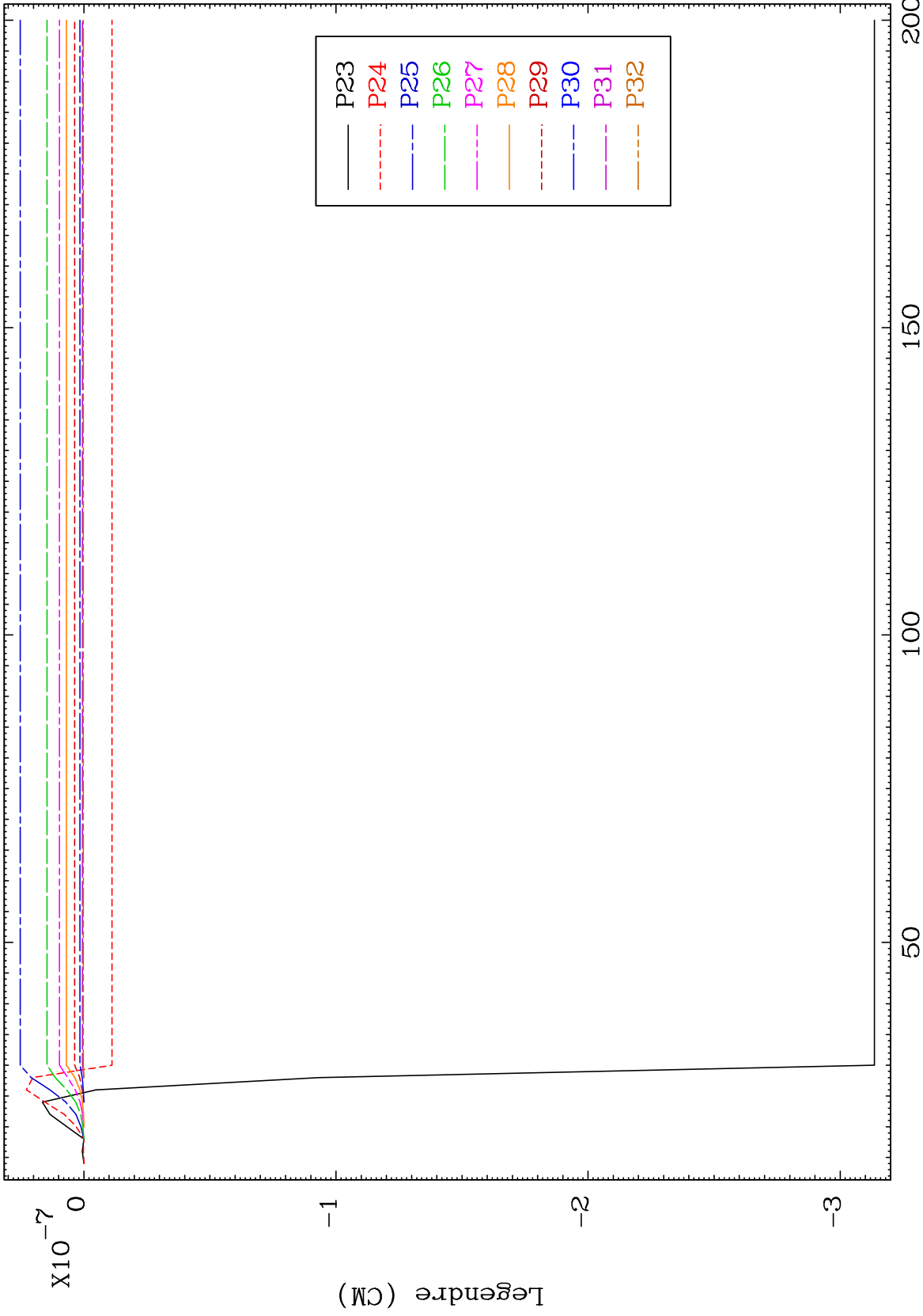
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48-Cd-98

MAT 4801

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

48-Cd-98

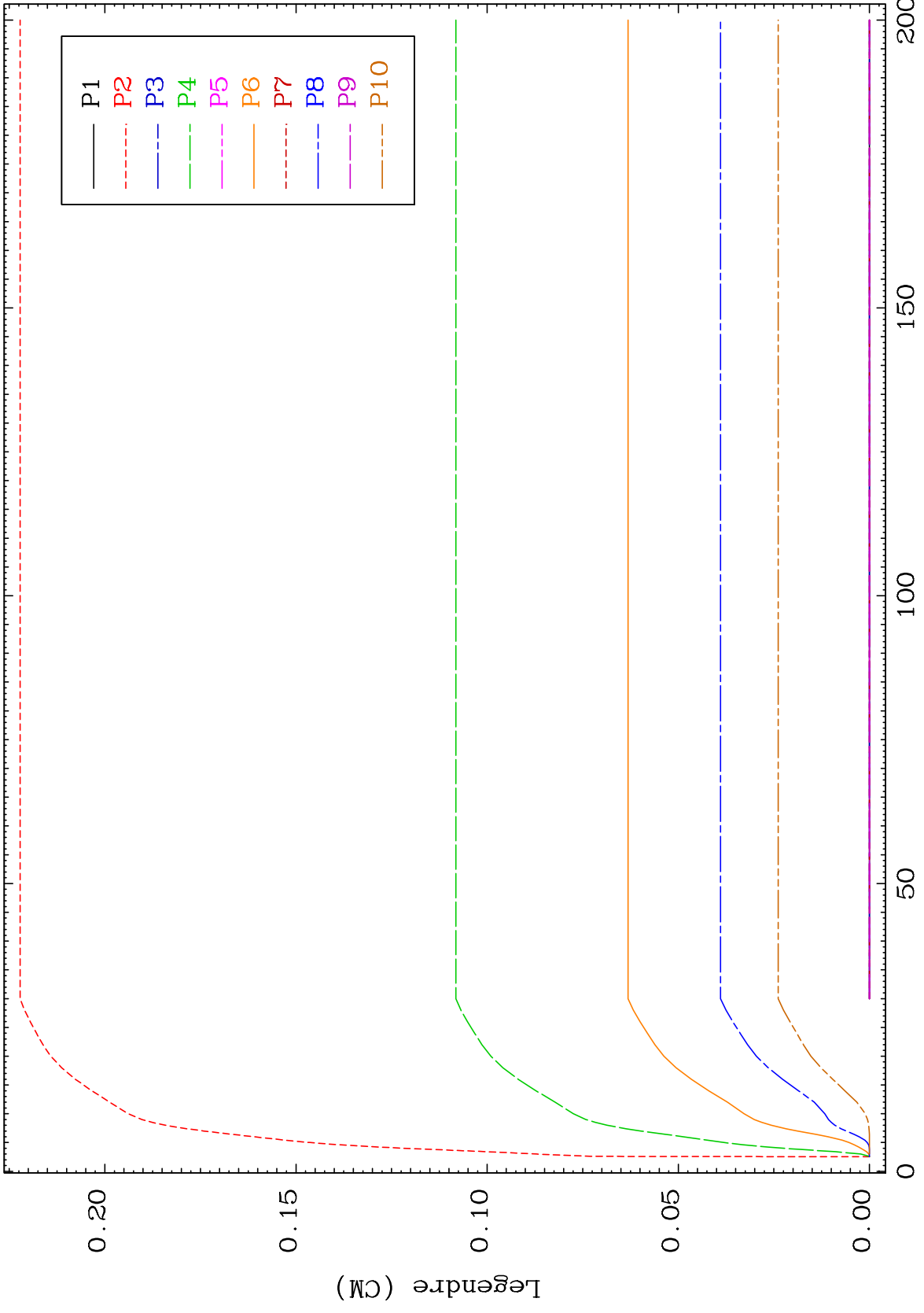


48-Cd-98

Incident Energy (MeV)

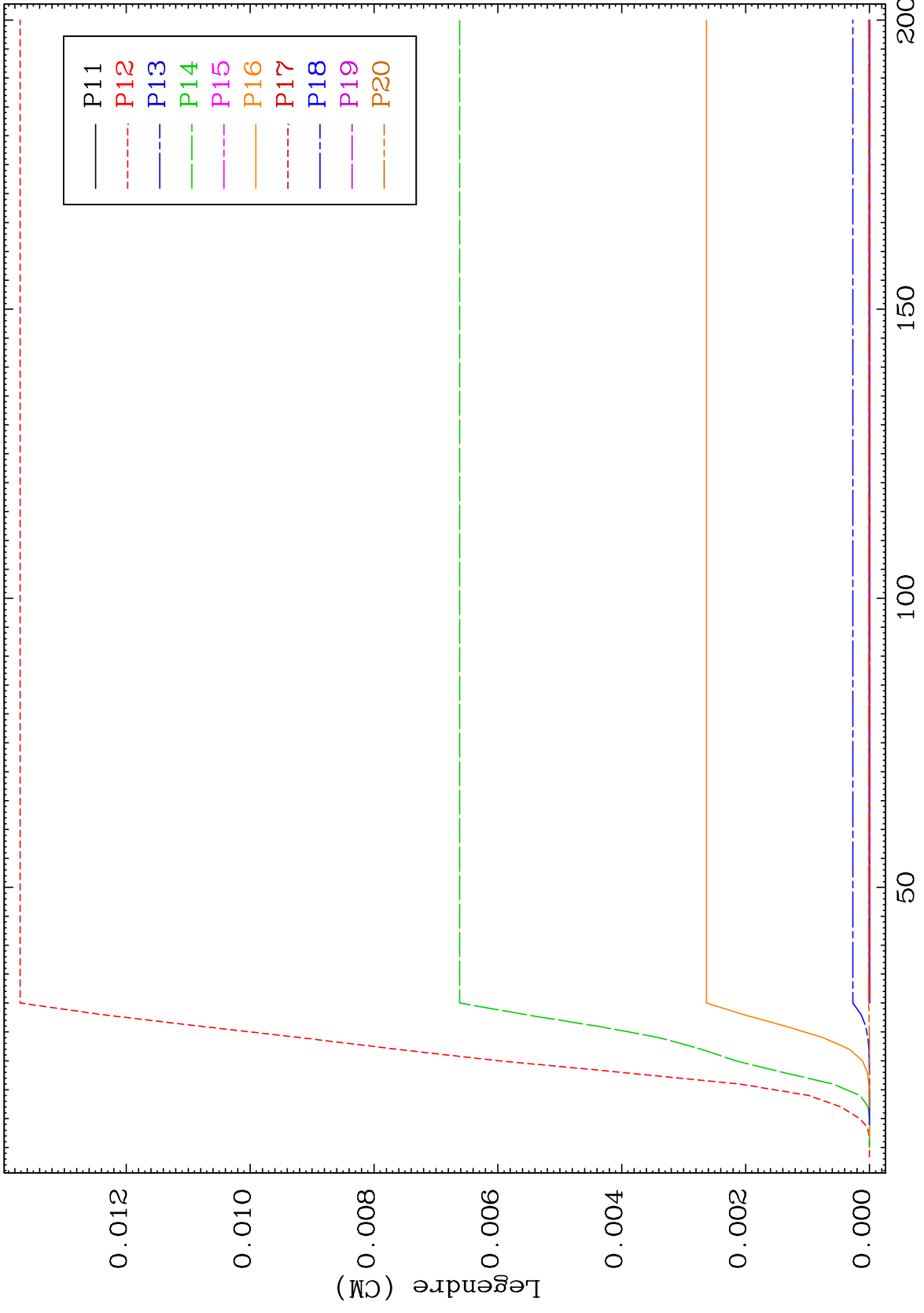
33

MAT 4801 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-98



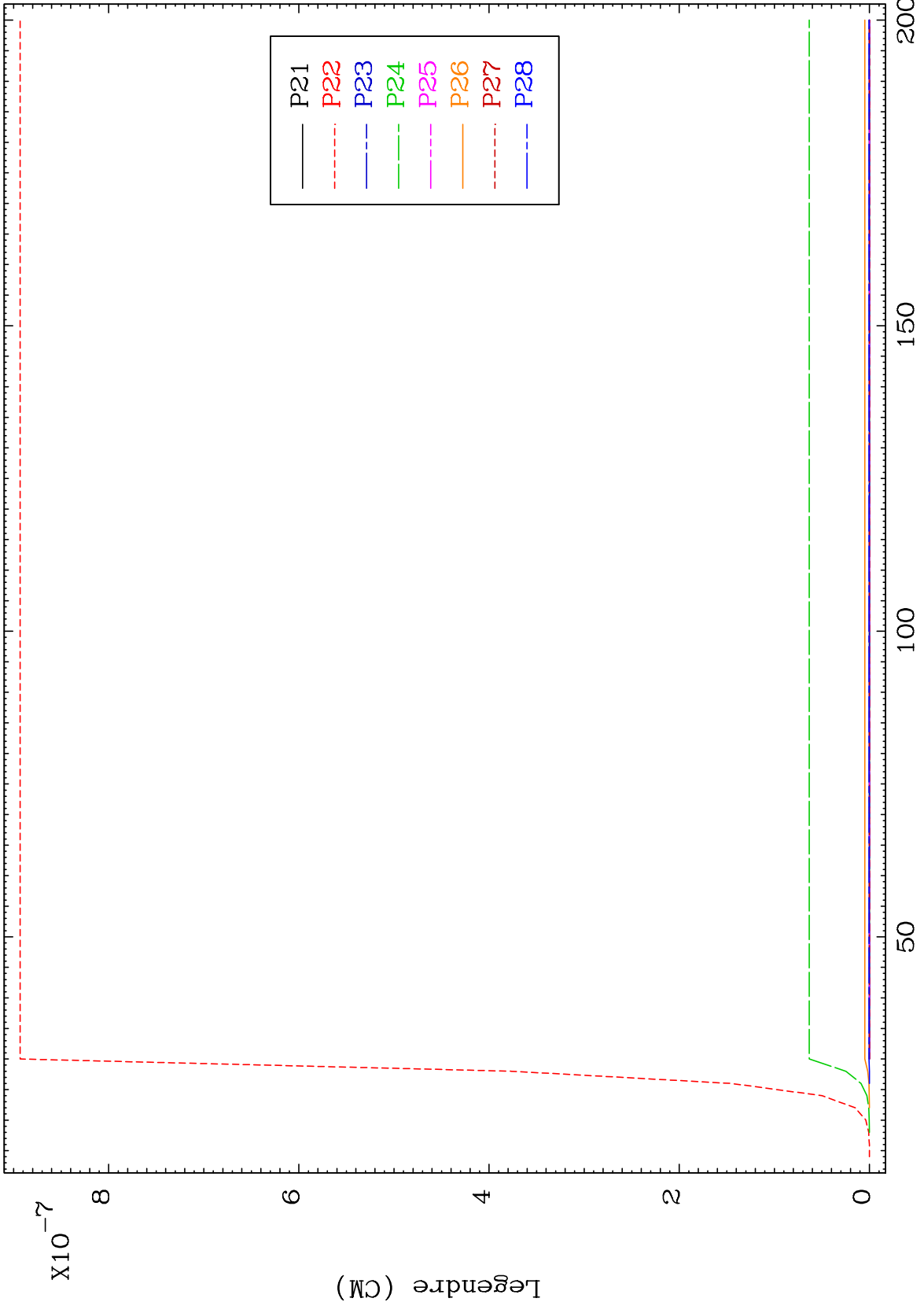
34 48-Cd-98

MAT 4801 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-98



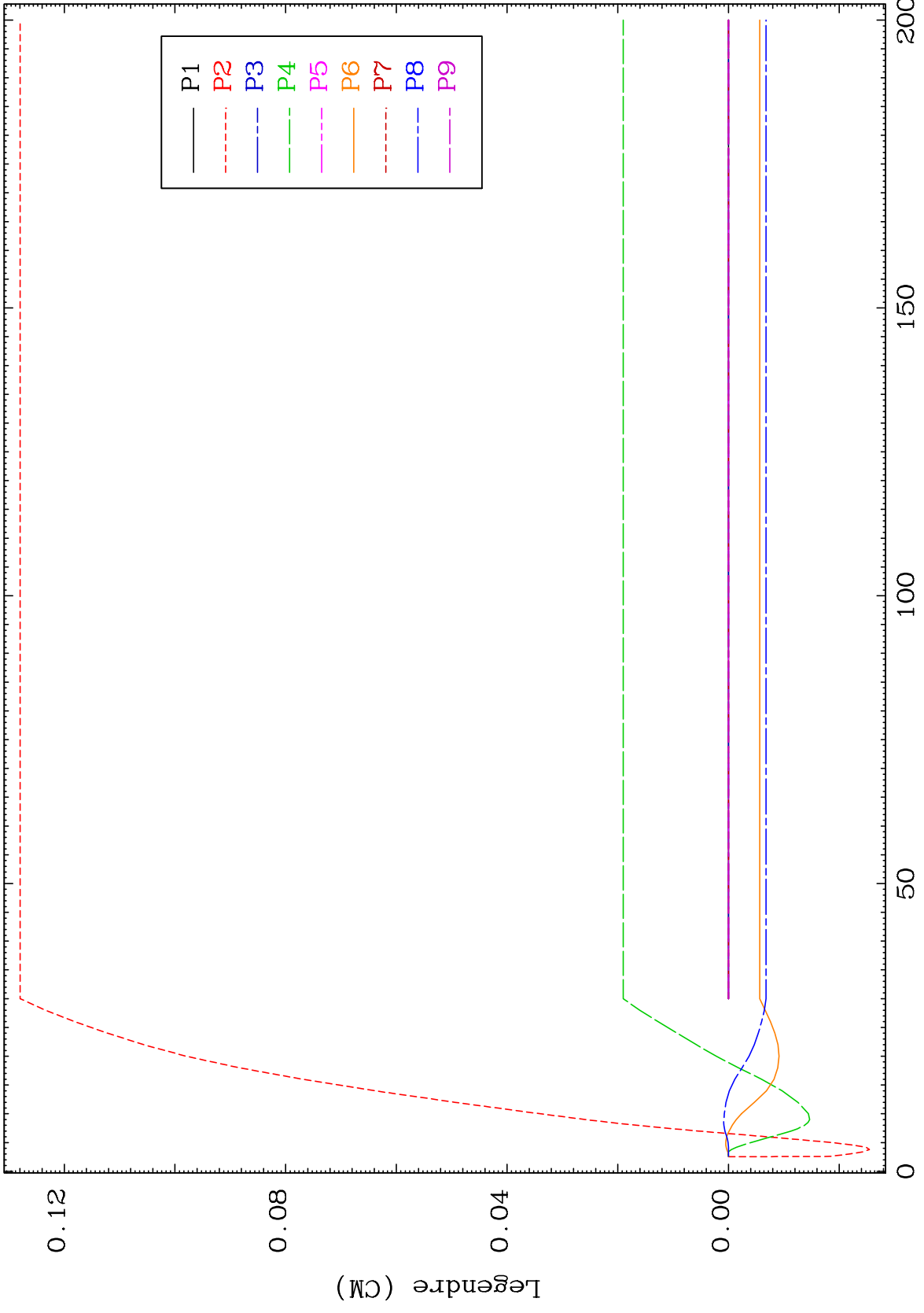
35 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-98



36 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 56 (n,n') Level Legendre Coefficients 48-Cd-98

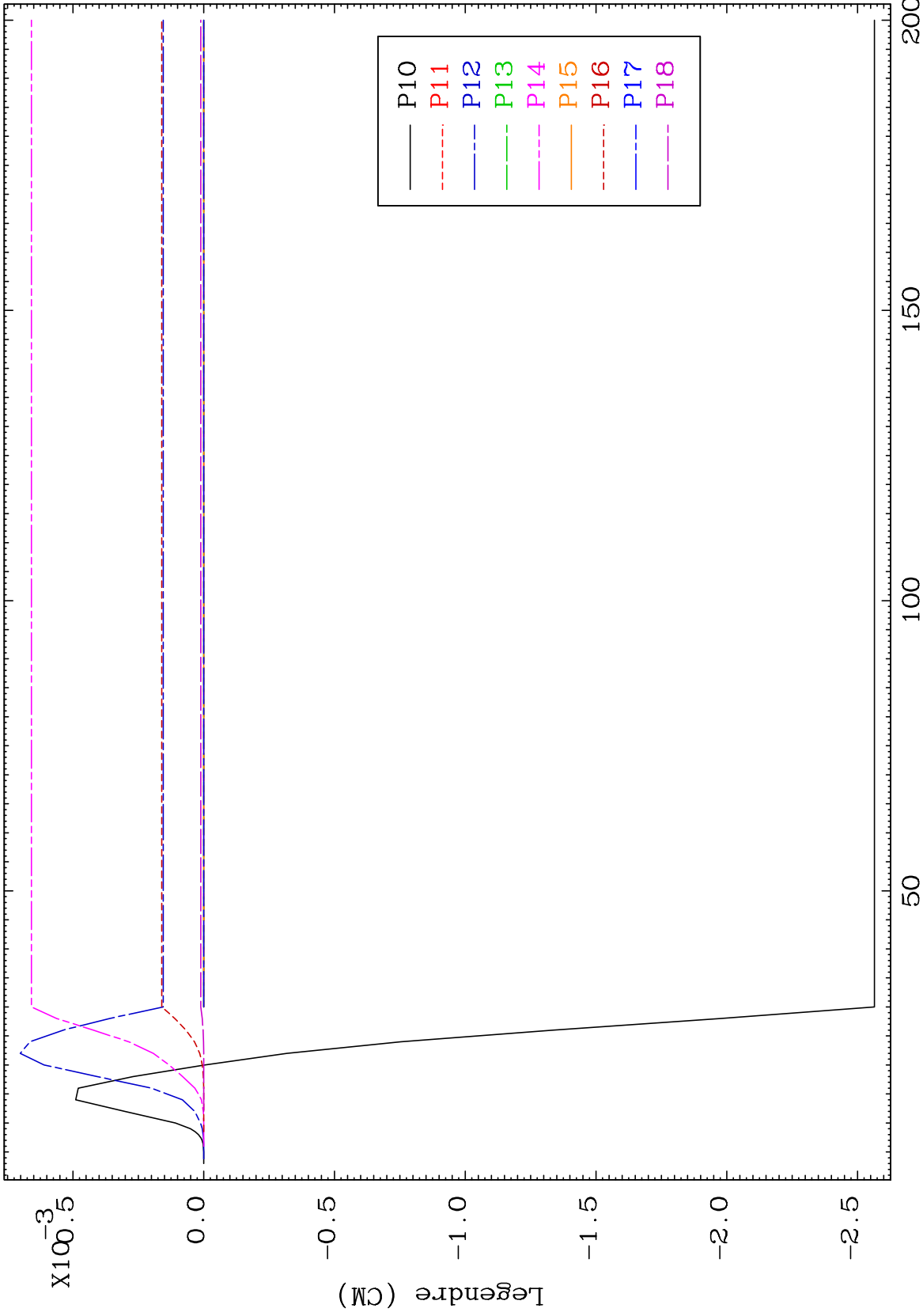


37 Incident Energy (MeV) 48-Cd-98

MAT 4801

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

48-Cd-98

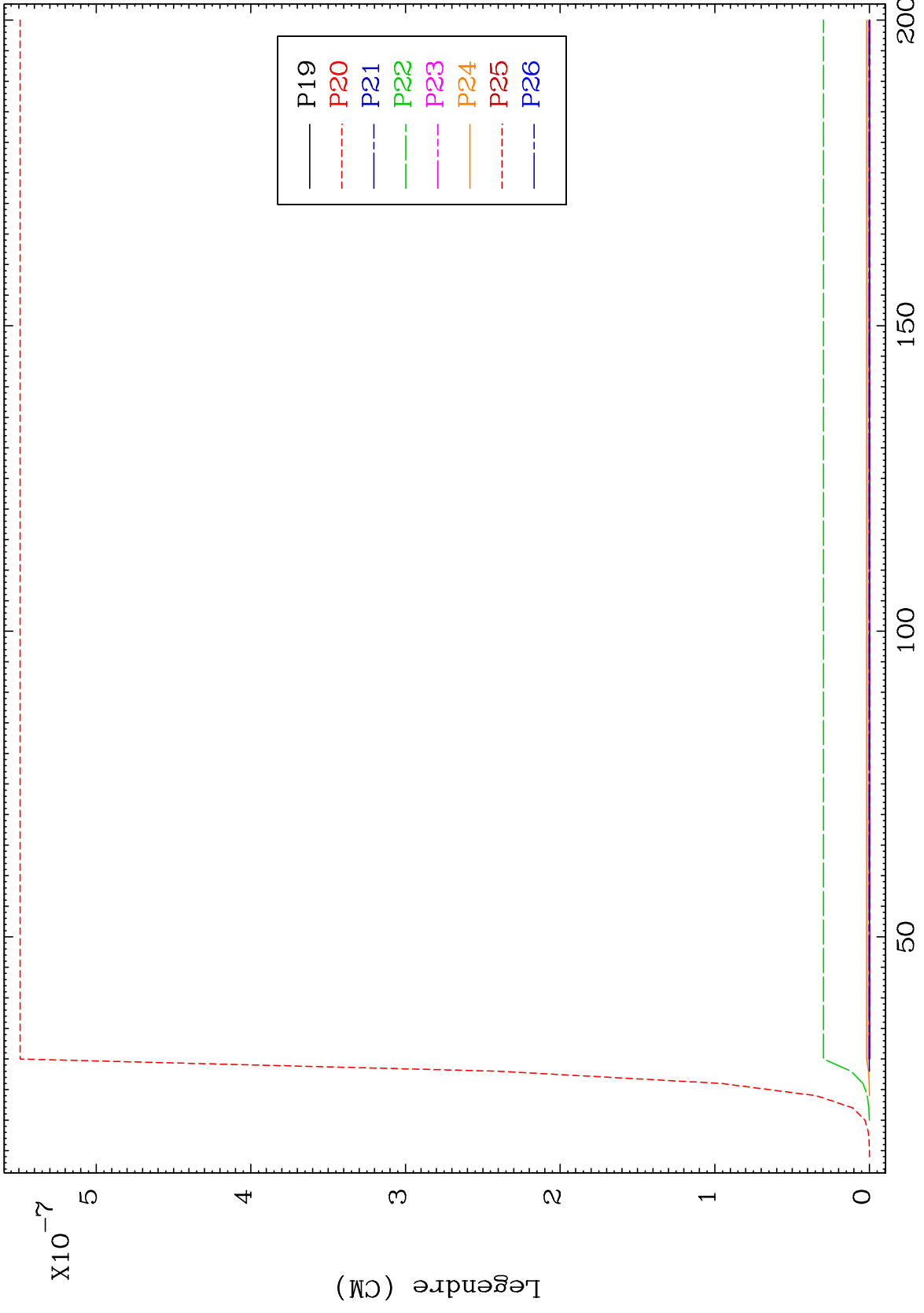


38

Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 56 (n,n') Level Legendre Coefficients 48-Cd-98

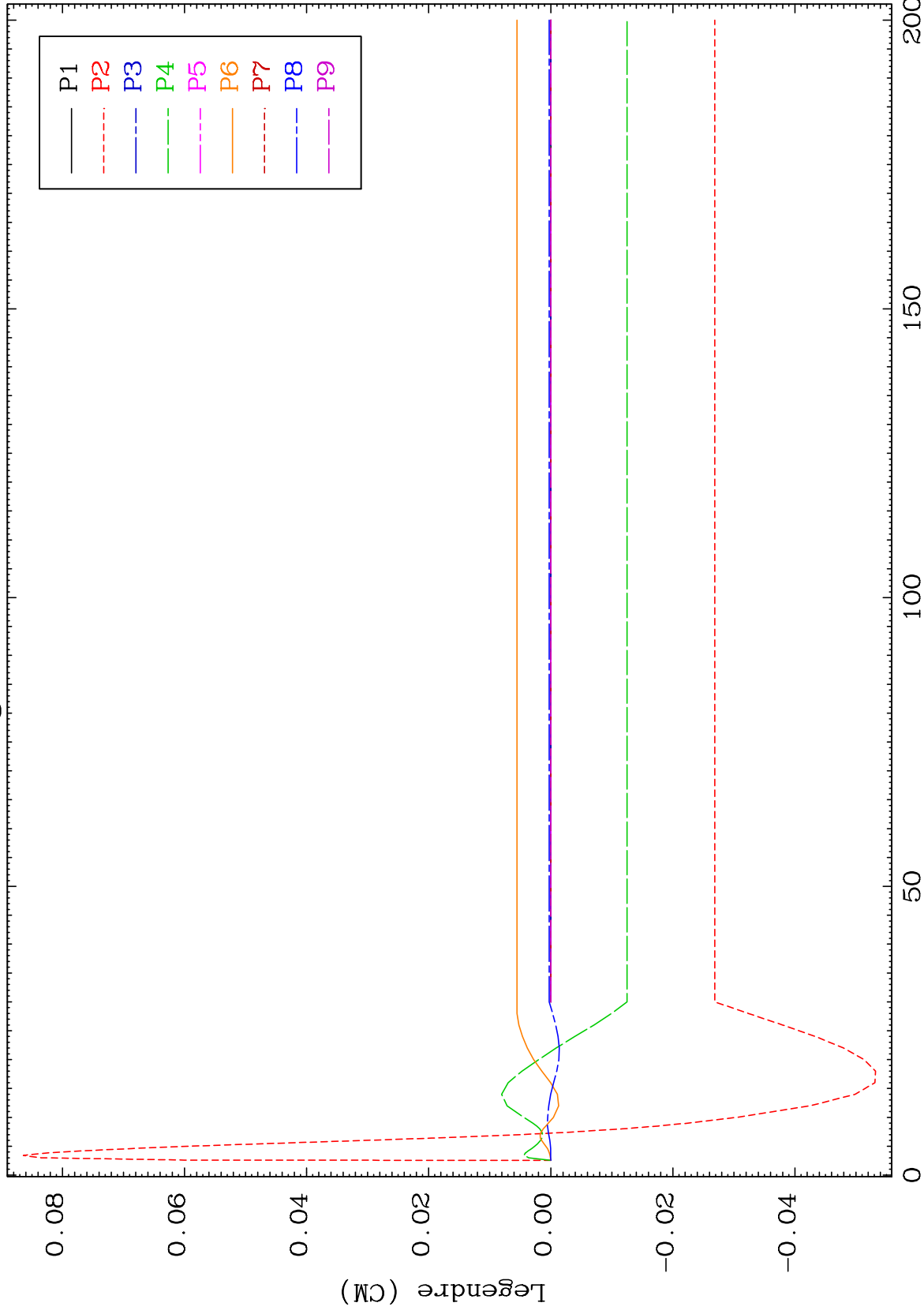


39 Incident Energy (MeV) 48-Cd-98

MAT 4801

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

48-Cd-98



48-Cd-98

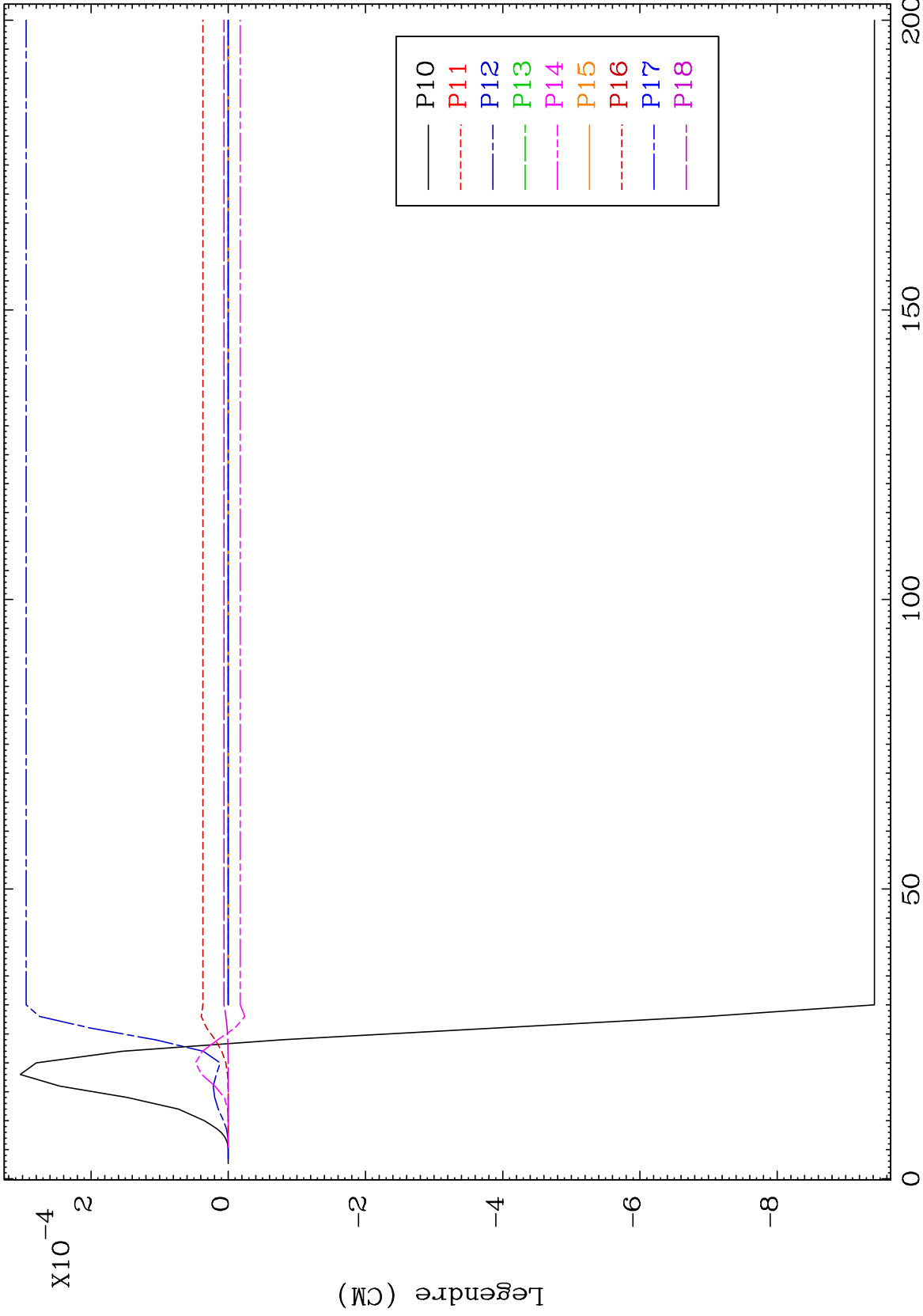
Incident Energy (MeV)

40

MAT 4801

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

48-Cd-98

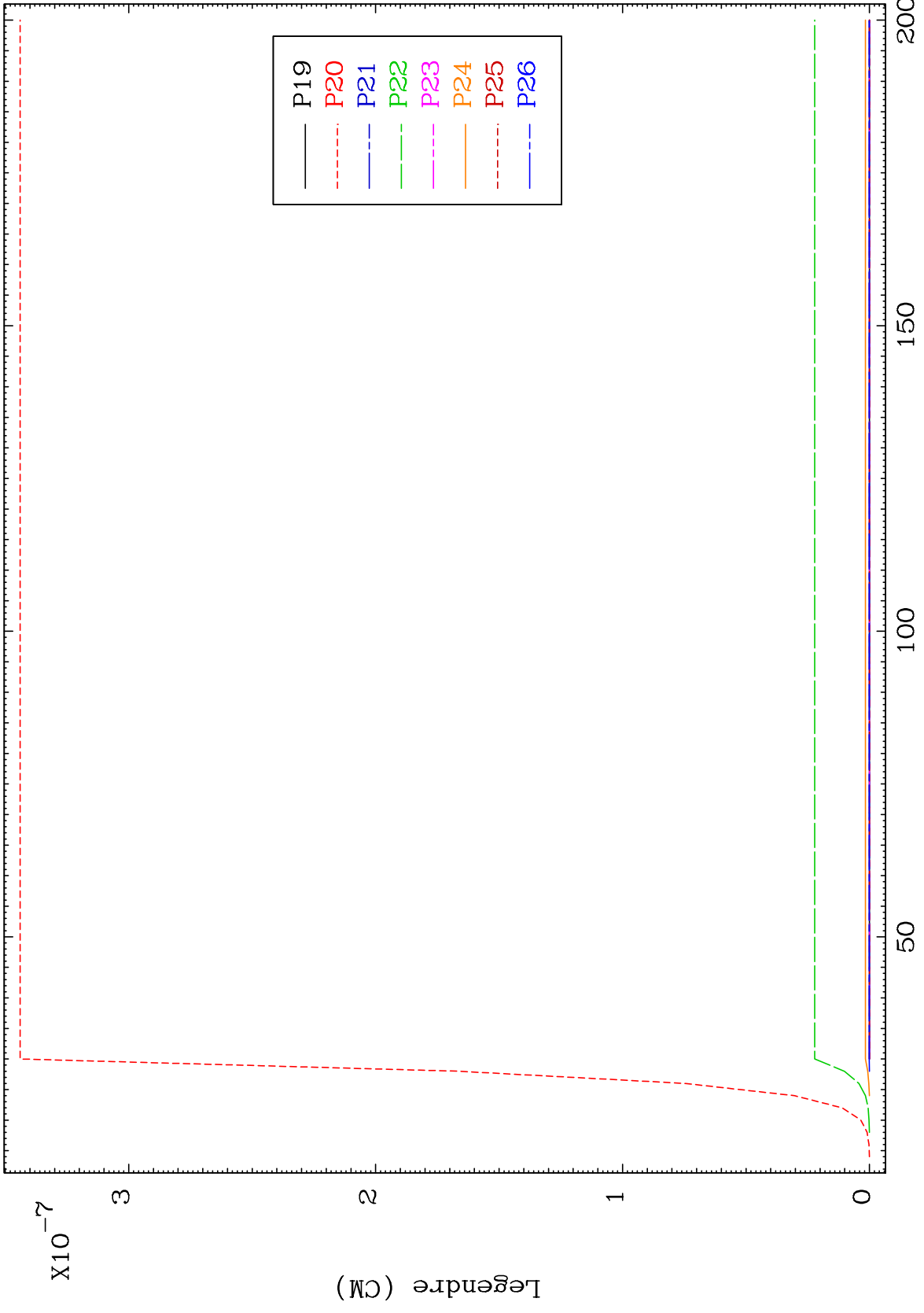


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Incident Energy (MeV)

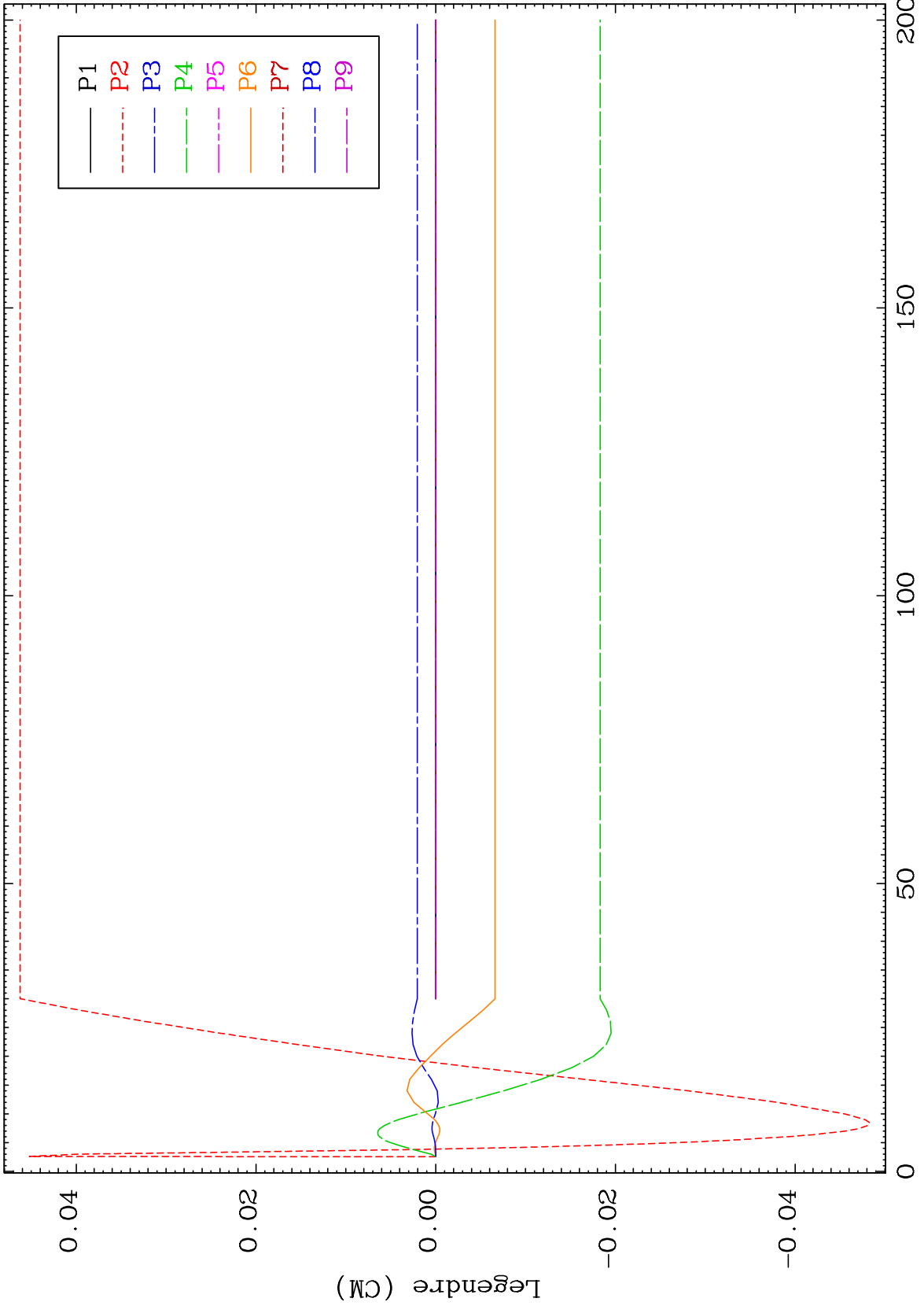
48-Cd-98

MAT 4801 MT= 57 (n,n') Level Legendre Coefficients 48-Cd-98



42 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-98

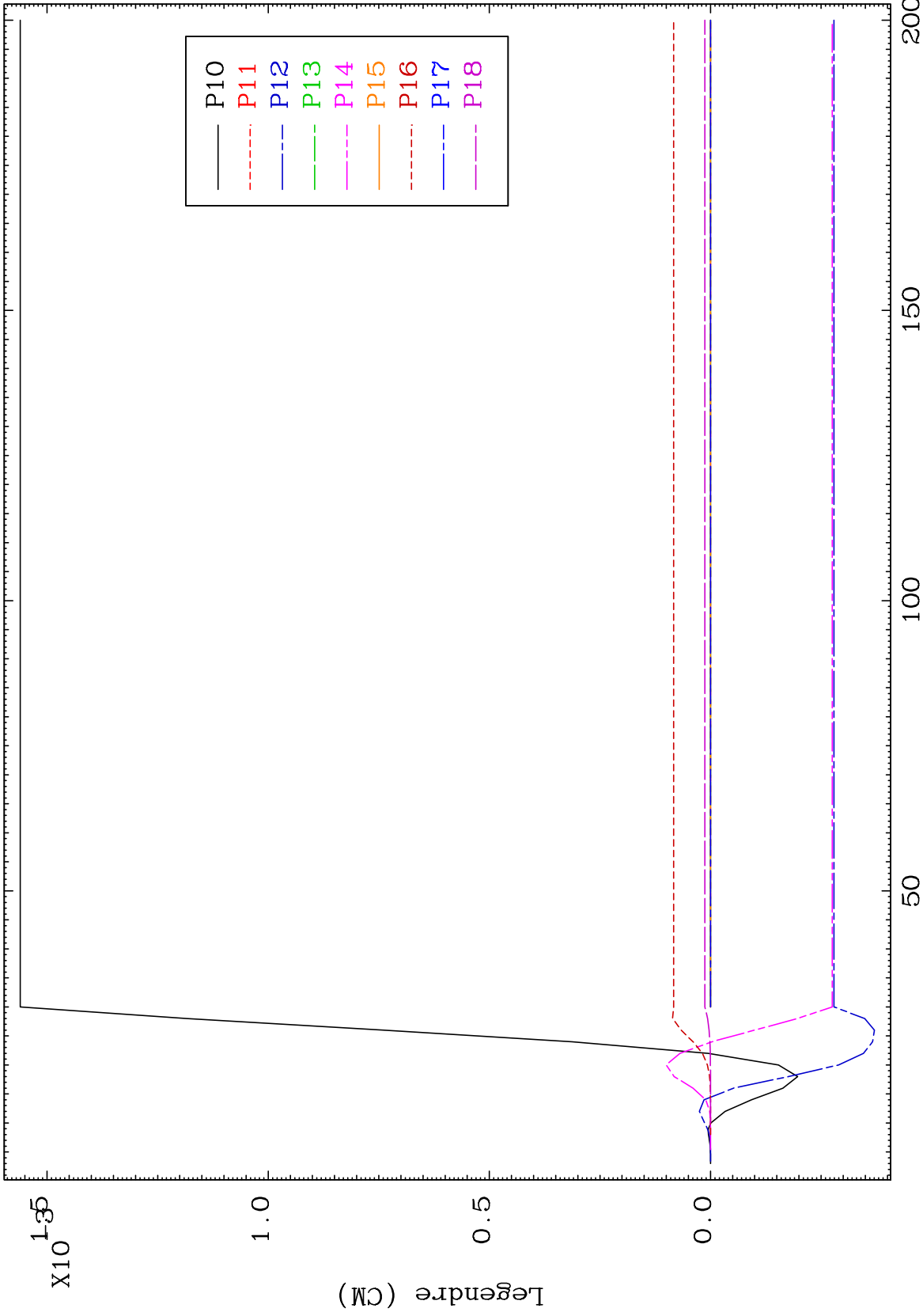


43 48-Cd-98

MAT 4801

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

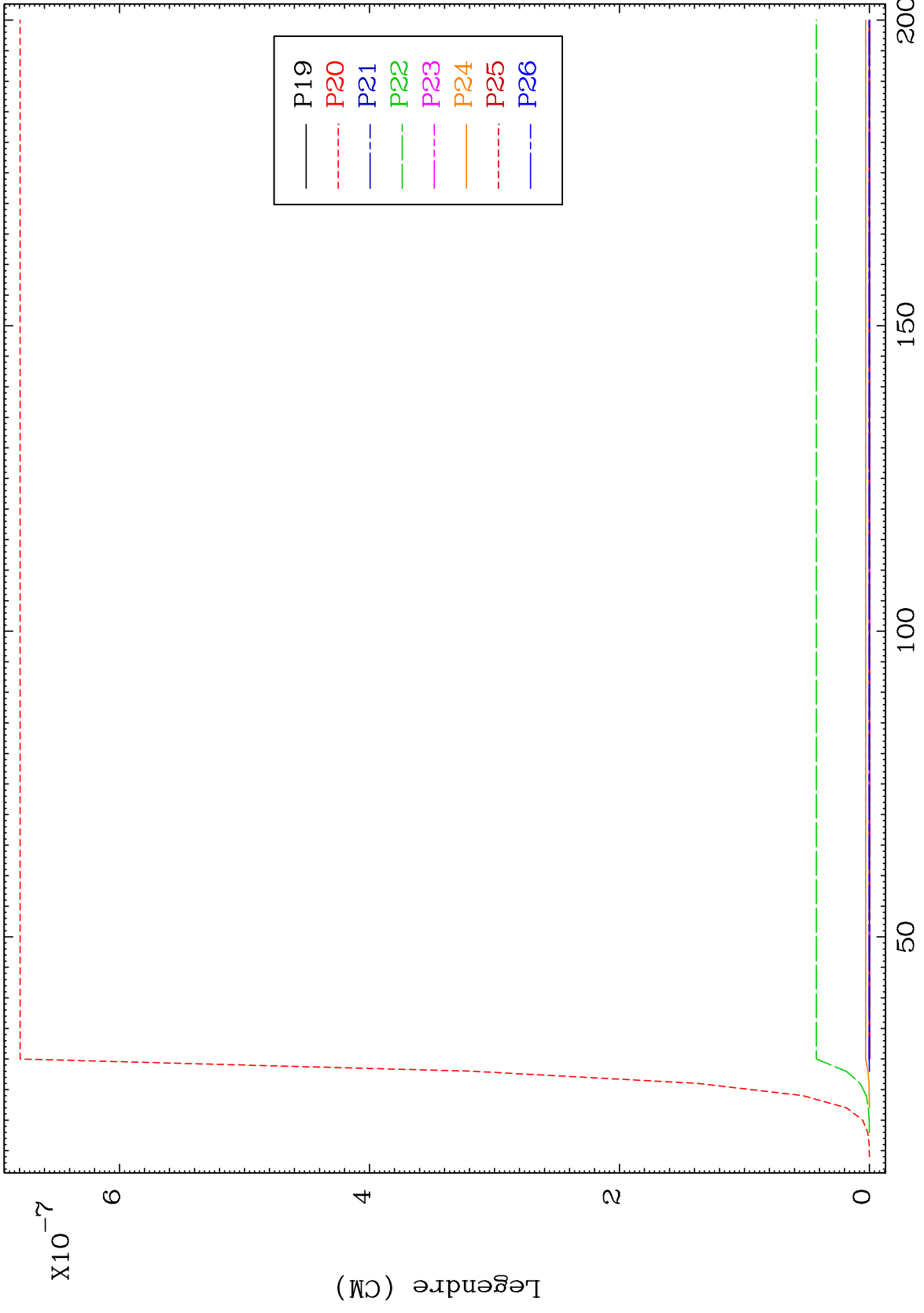
48-Cd-98



44

48-Cd-98

MAT 4801 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-98

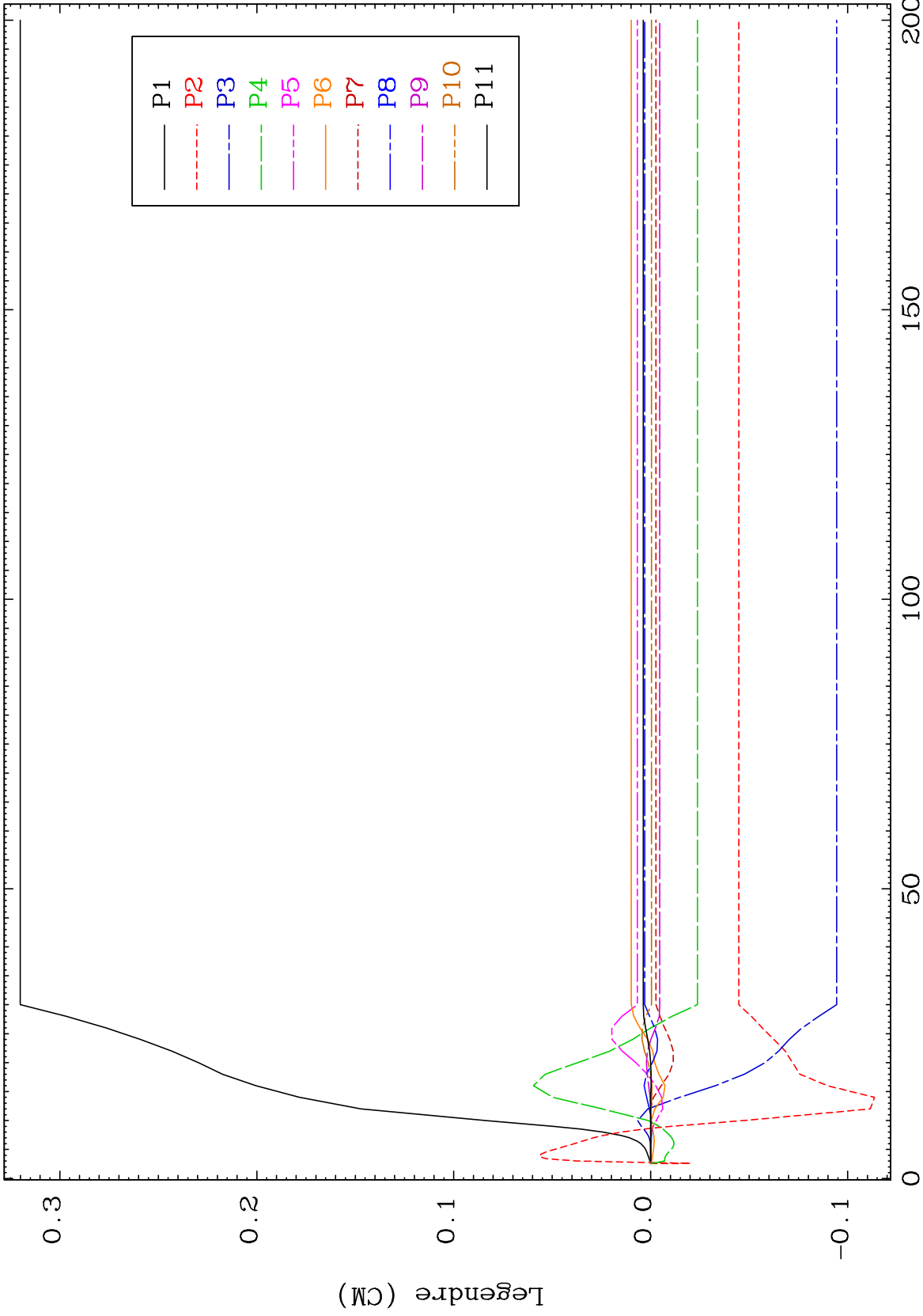


48-Cd-98

MAT 4801

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

48-Cd-98



46

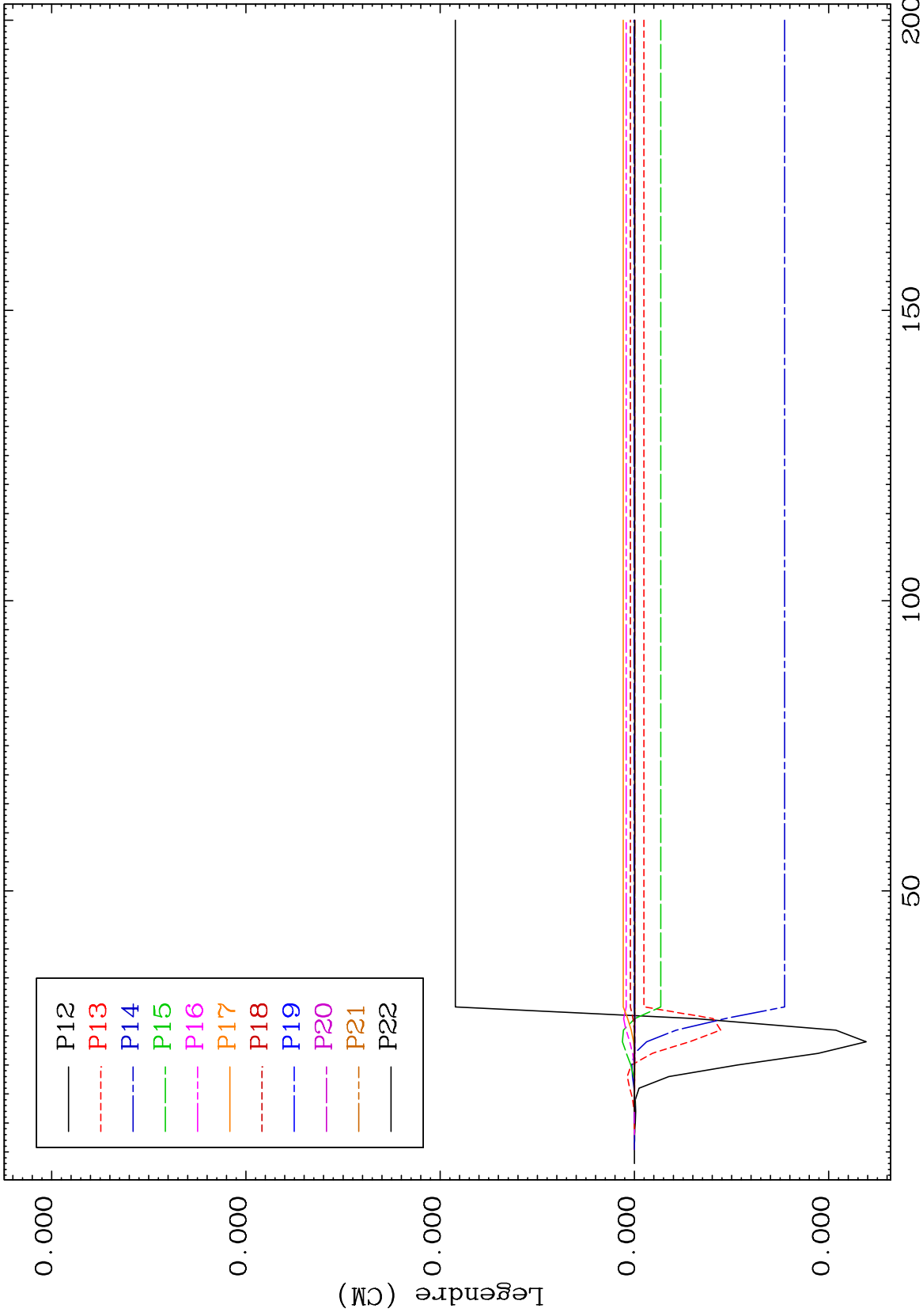
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98

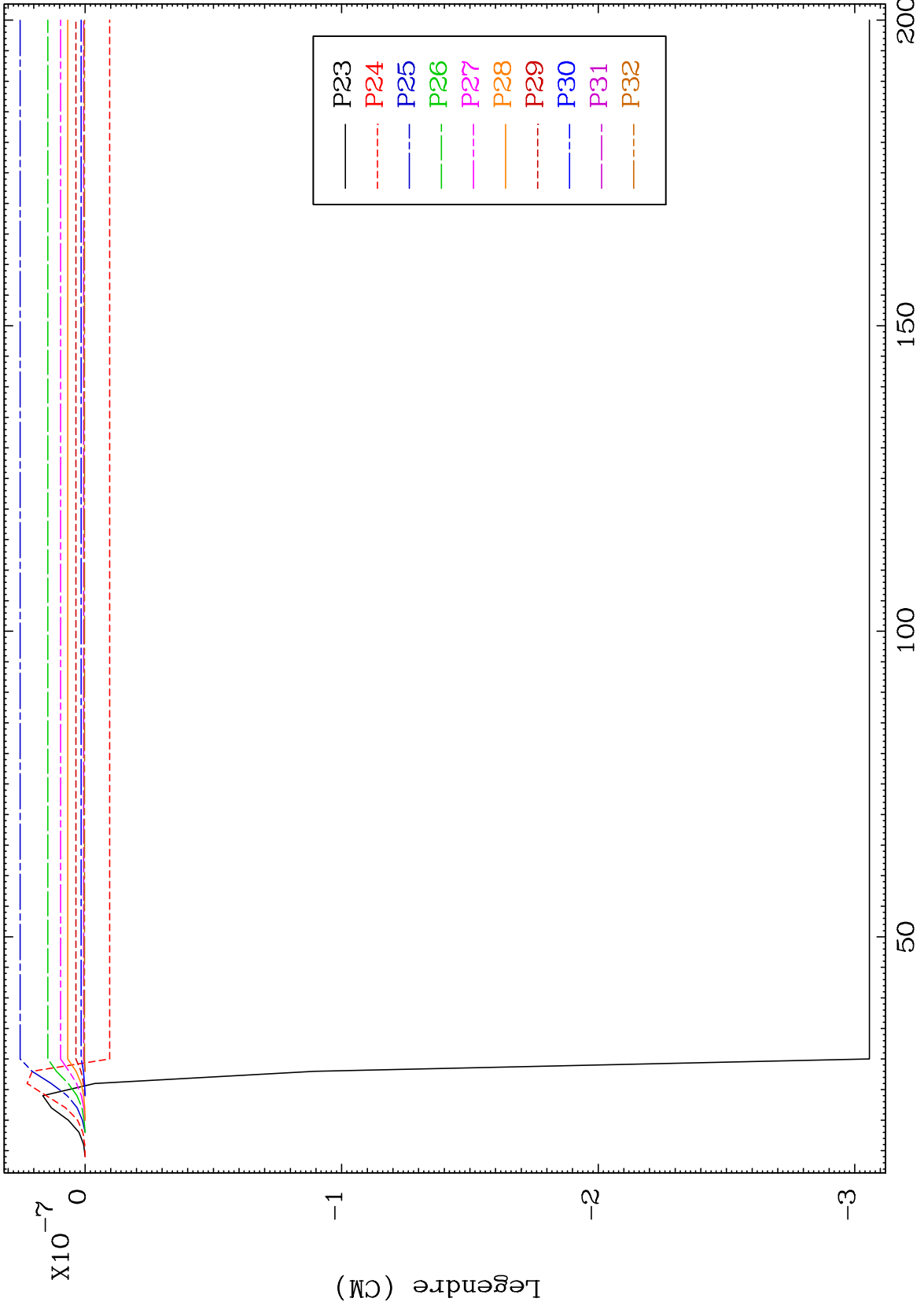


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Incident Energy (MeV)

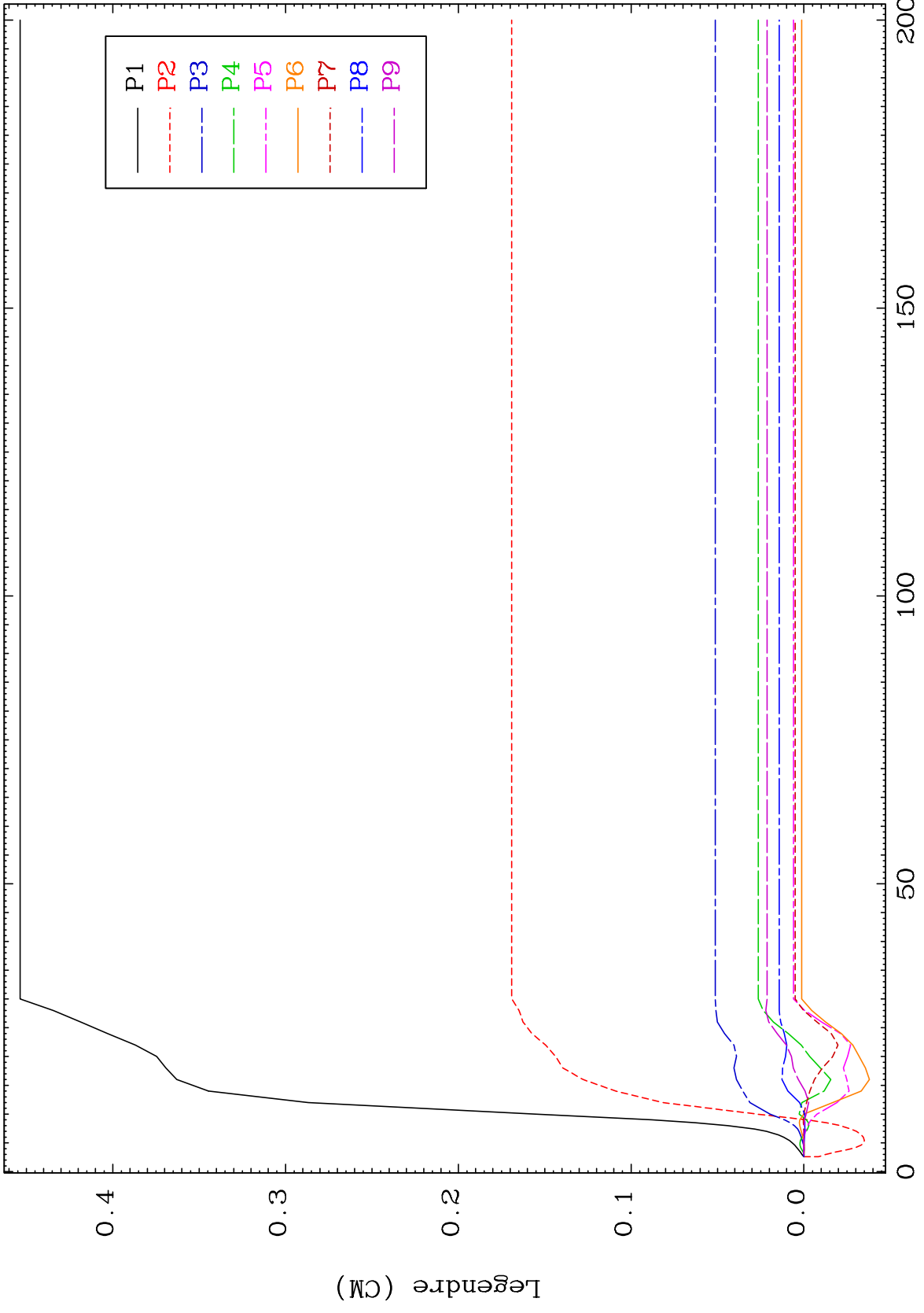
48-Cd-98

MAT 4801 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-98



48 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-98

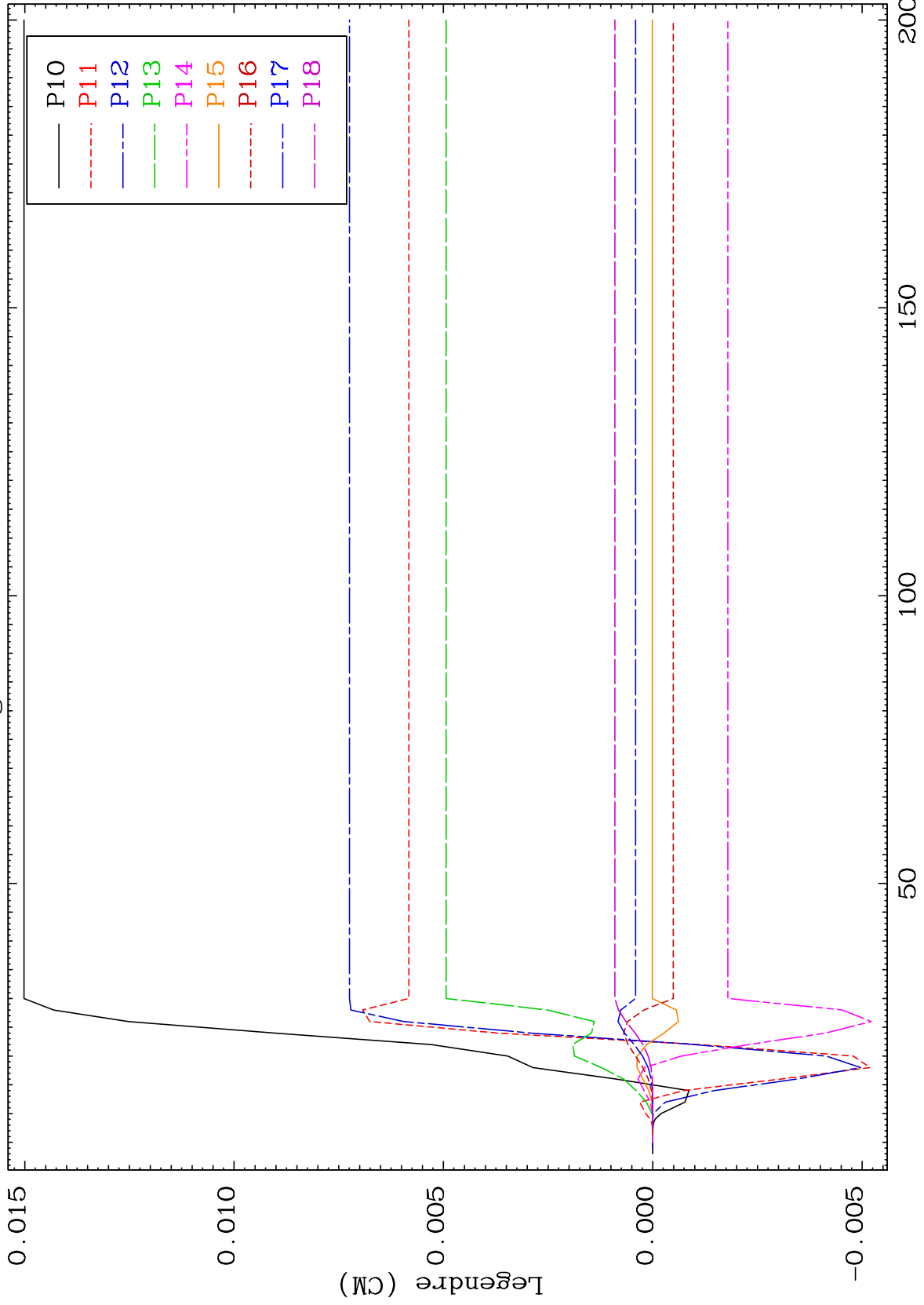


49 48-Cd-98

MAT 4801

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

48-Cd-98



48-Cd-98

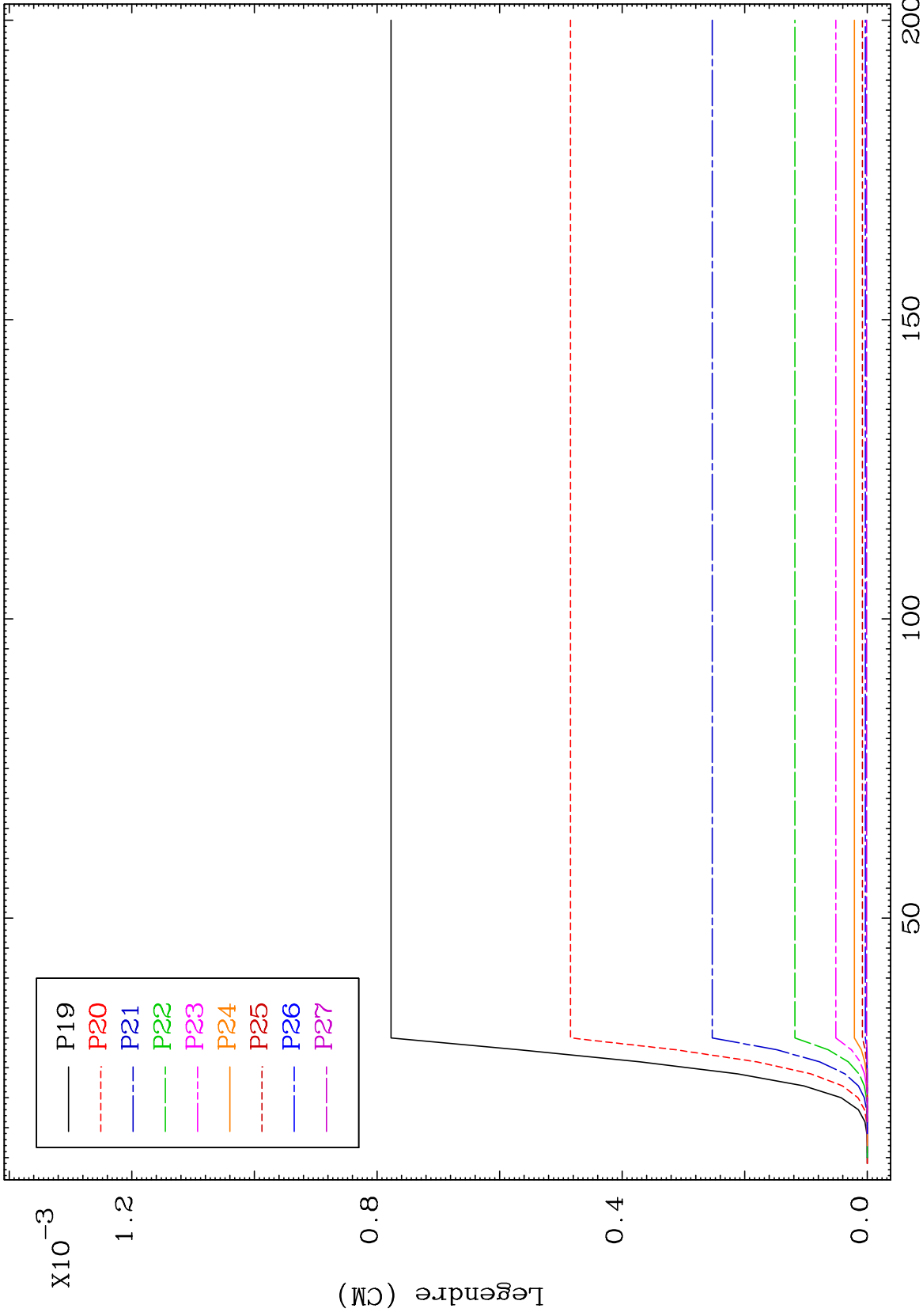
Incident Energy (MeV)

Legendre (CM)

MAT 4801

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

48-Cd-98



51

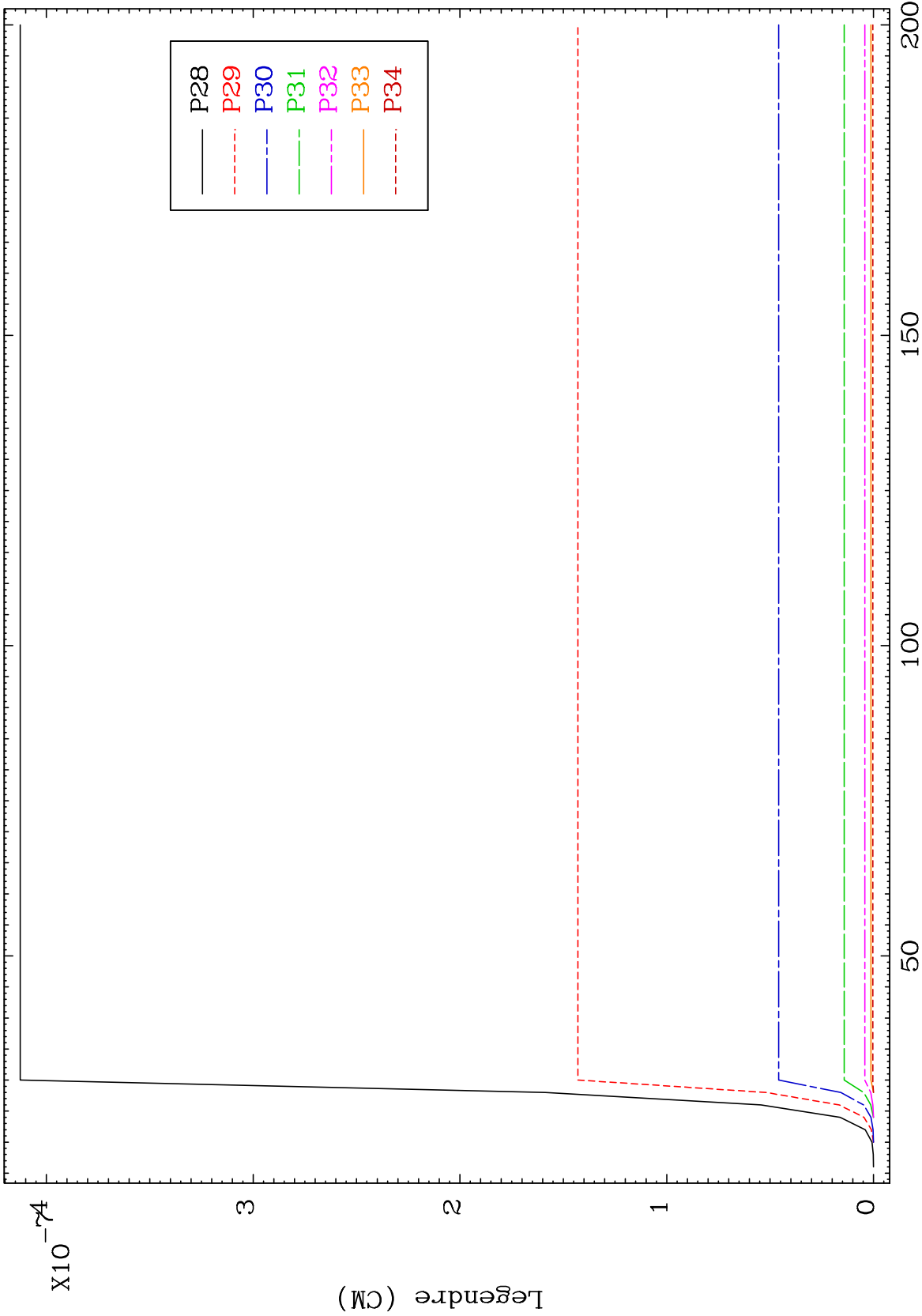
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98

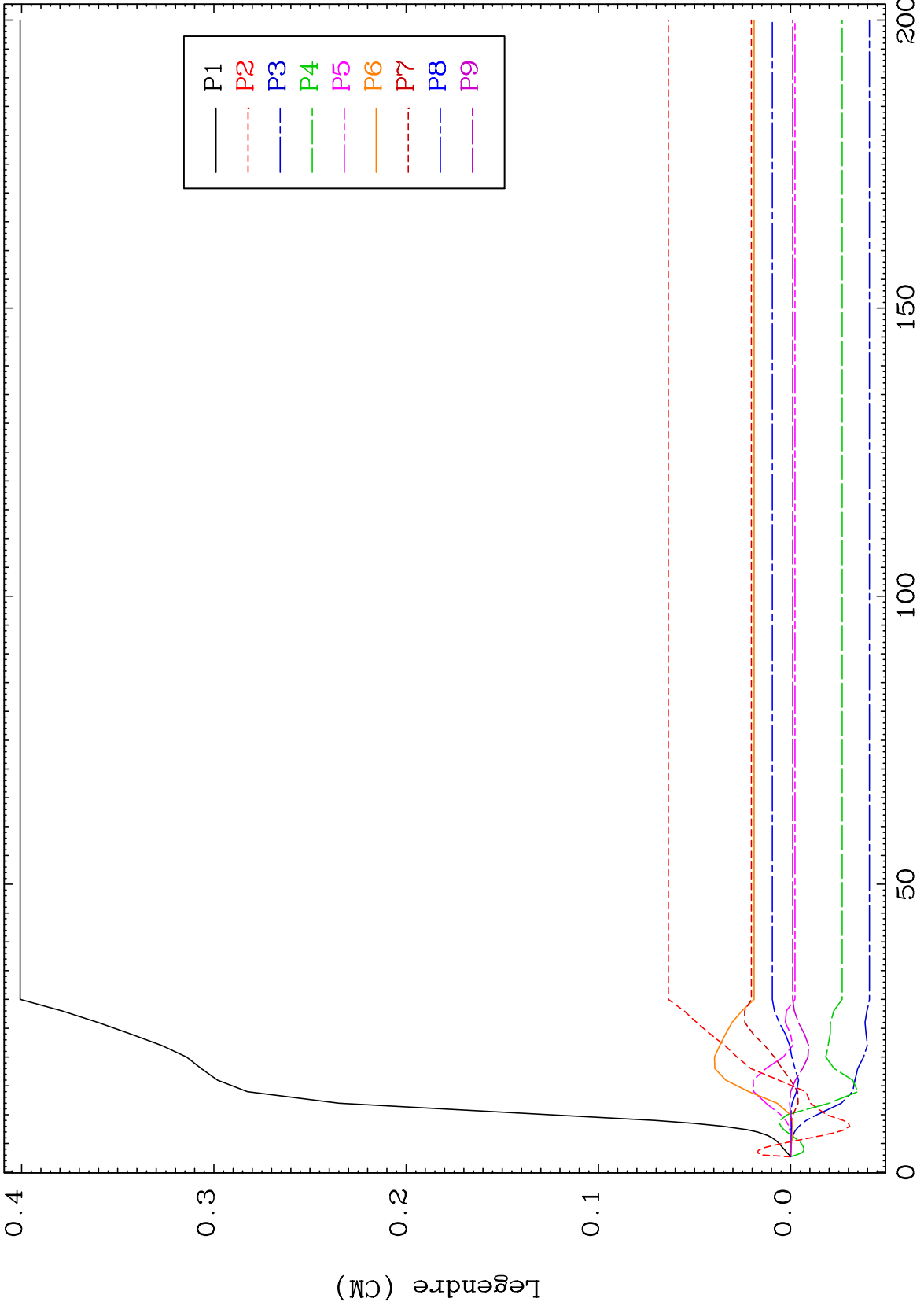


52

Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 61 (n,n') Level Legendre Coefficients 48-Cd-98

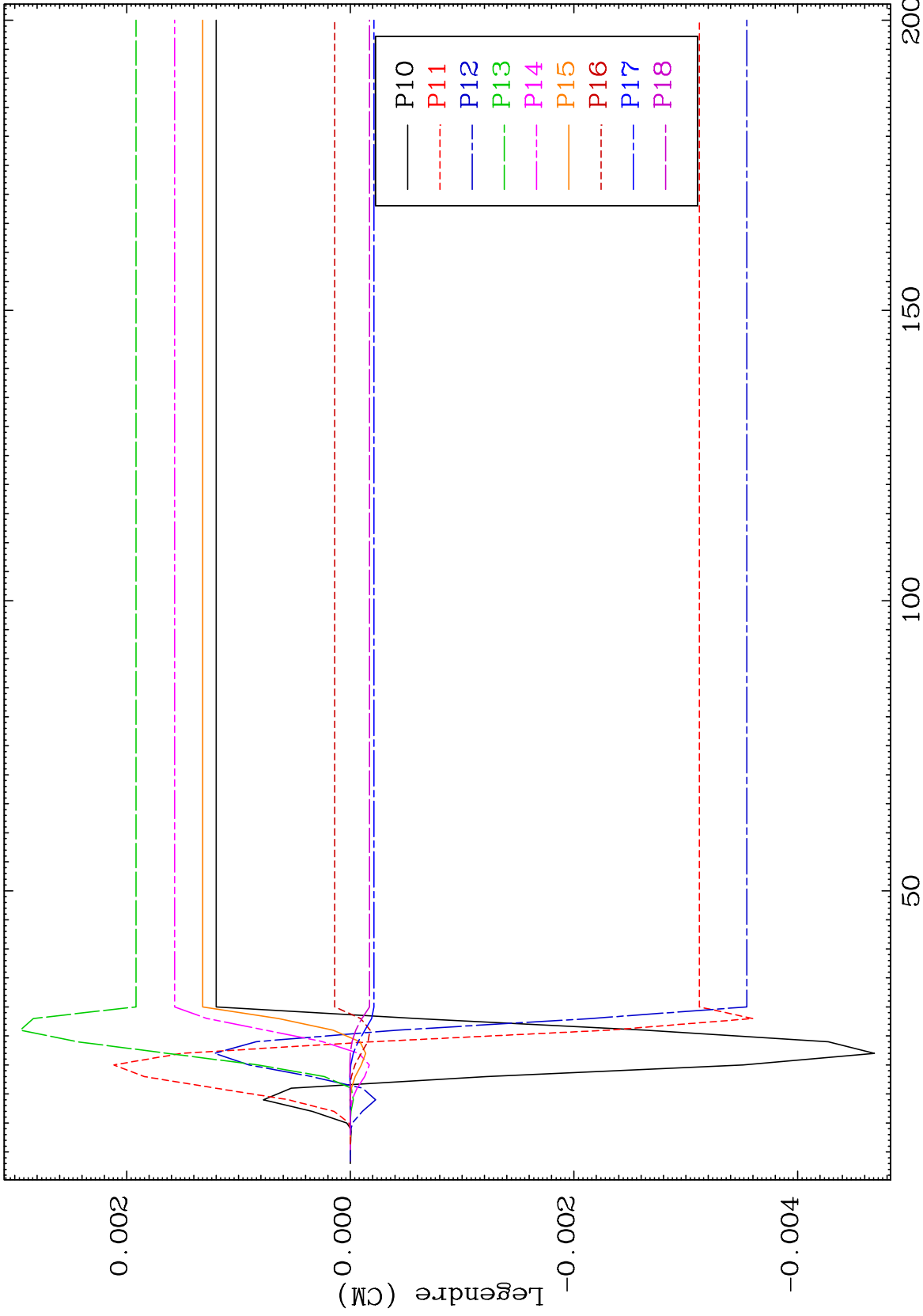


53 48-Cd-98

MAT 4801

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

48-Cd-98



54

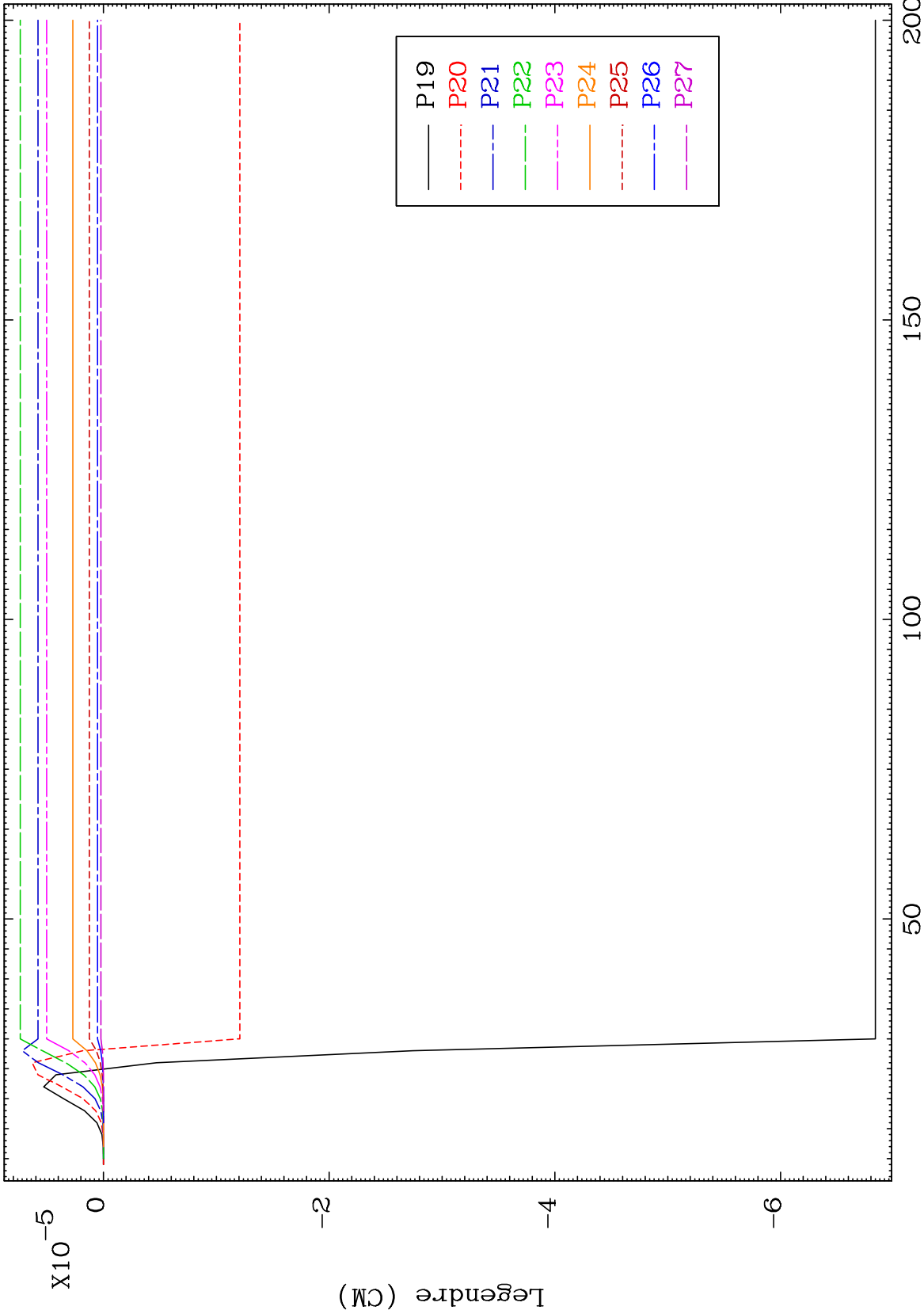
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



48-Cd-98

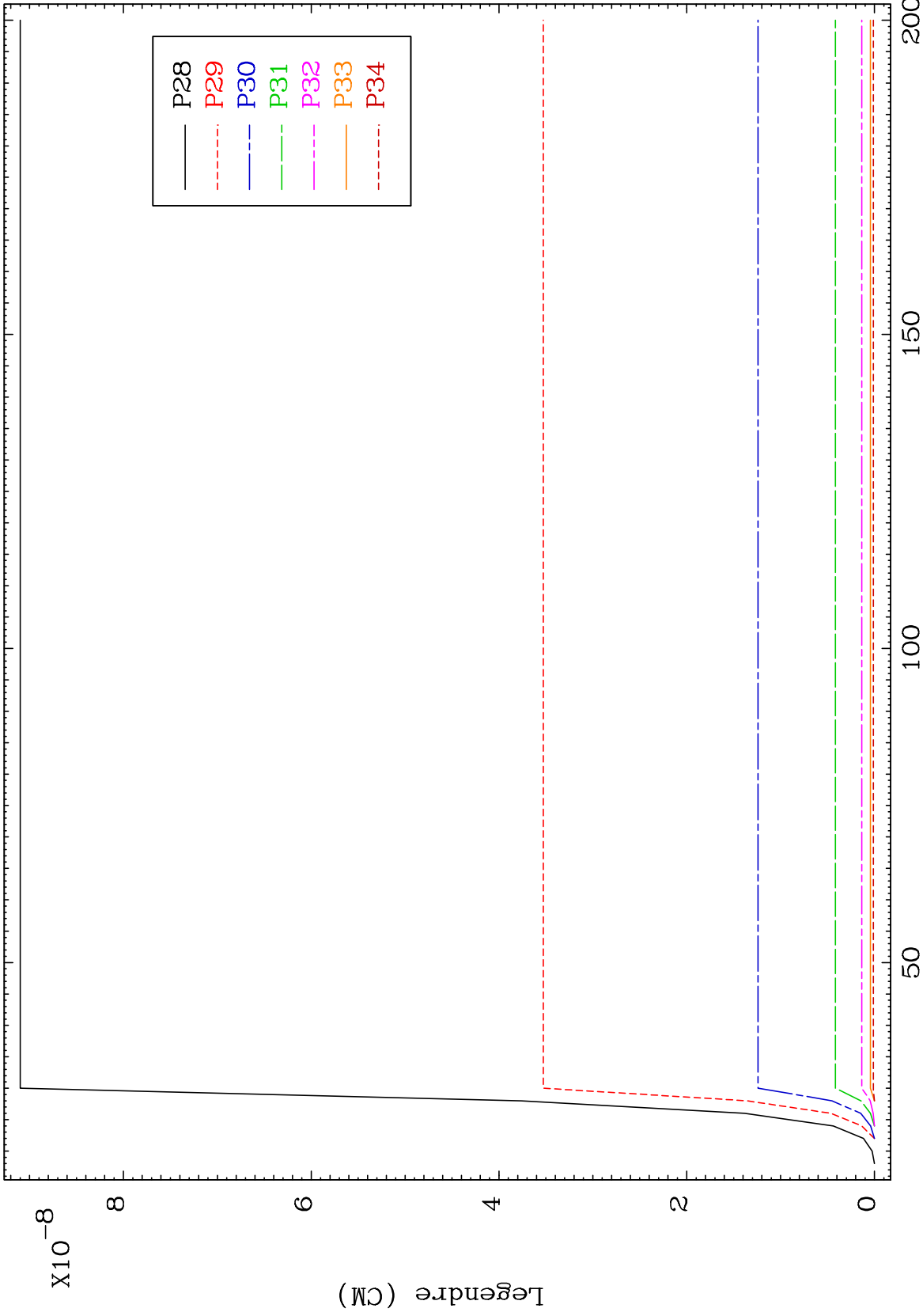
Incident Energy (MeV)

55

MAT 4801

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

48-Cd-98

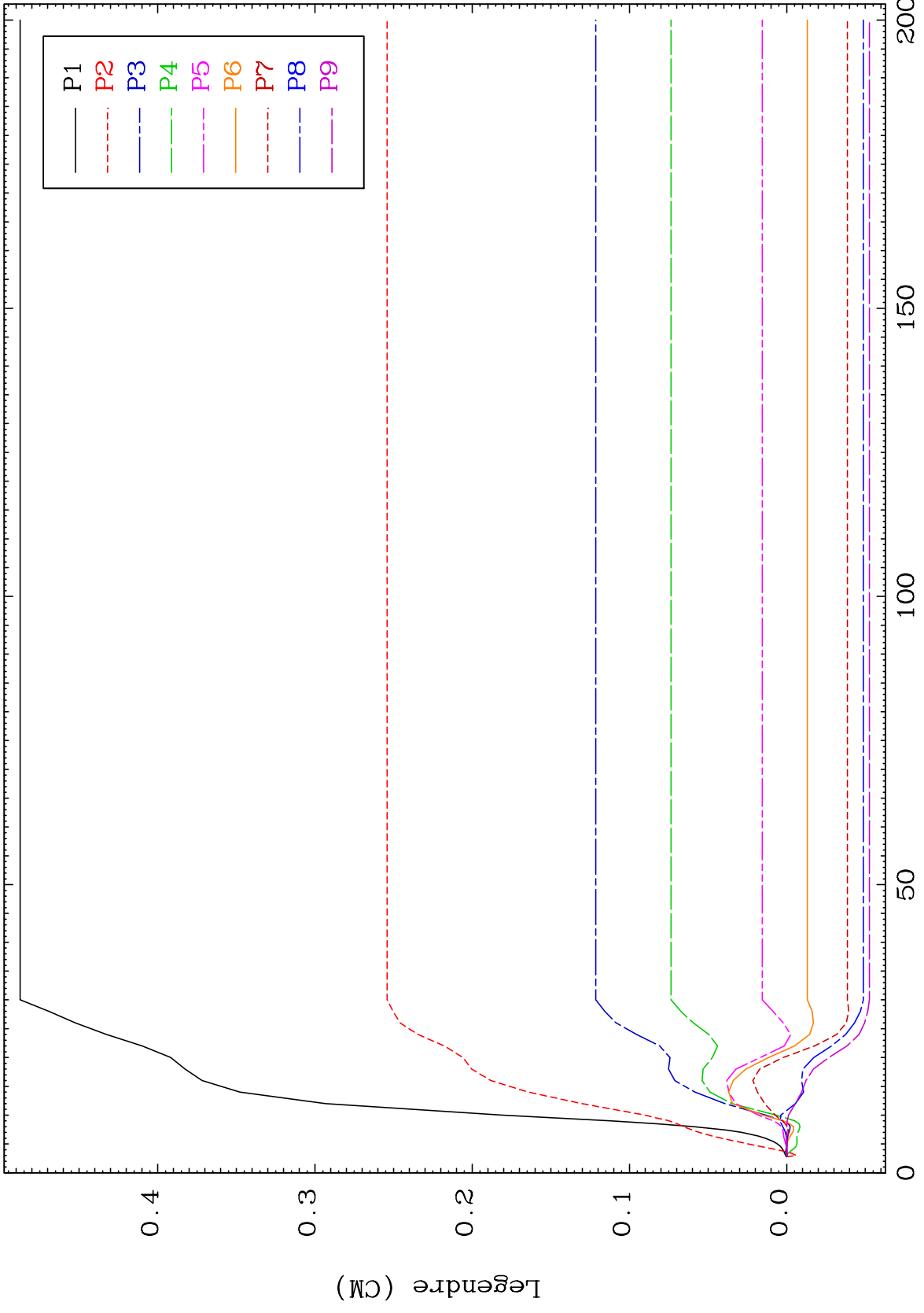


56

Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 62 (n,n') Level Legendre Coefficients 48-Cd-98

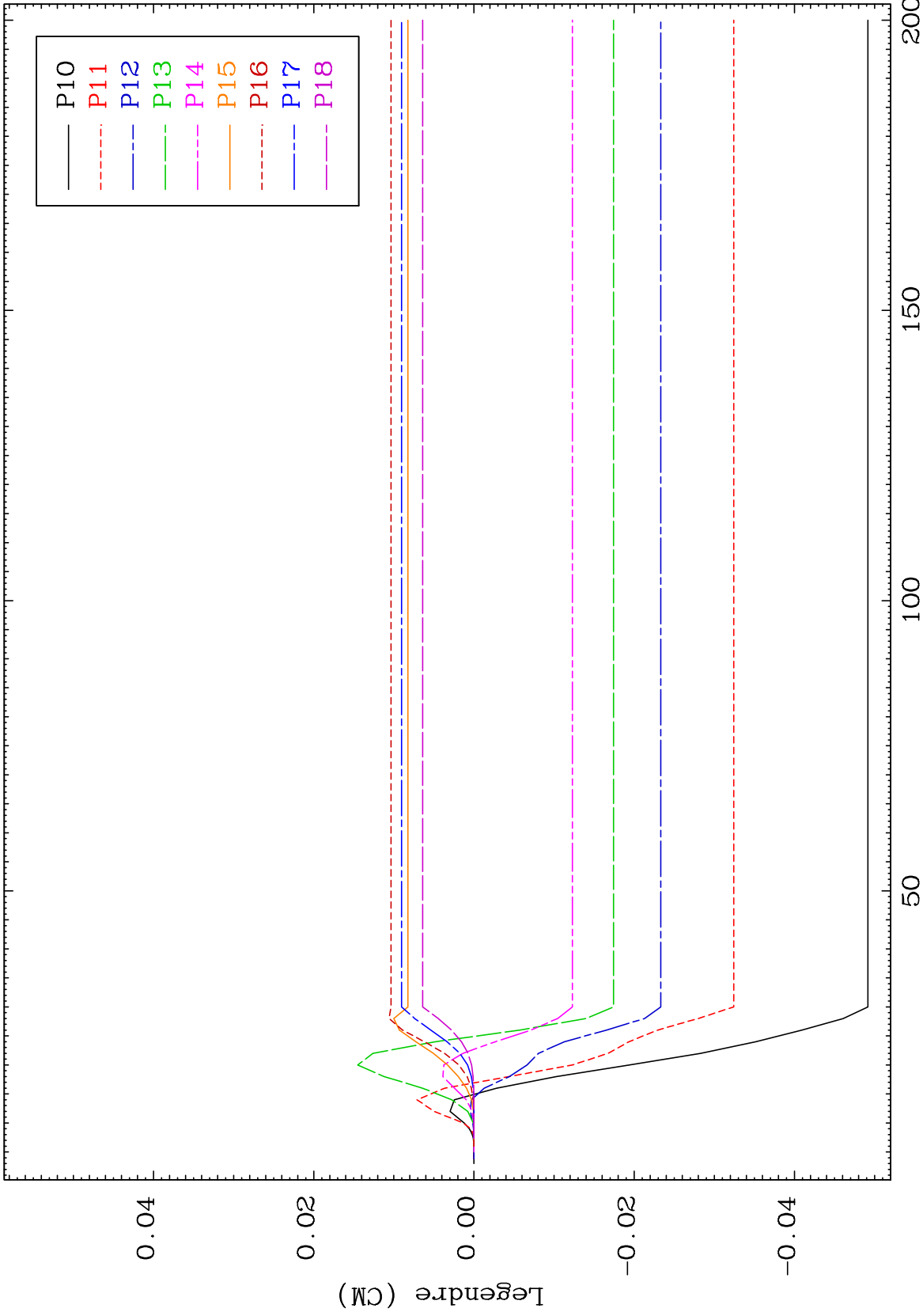


57 48-Cd-98

MAT 4801

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

48-Cd-98



58

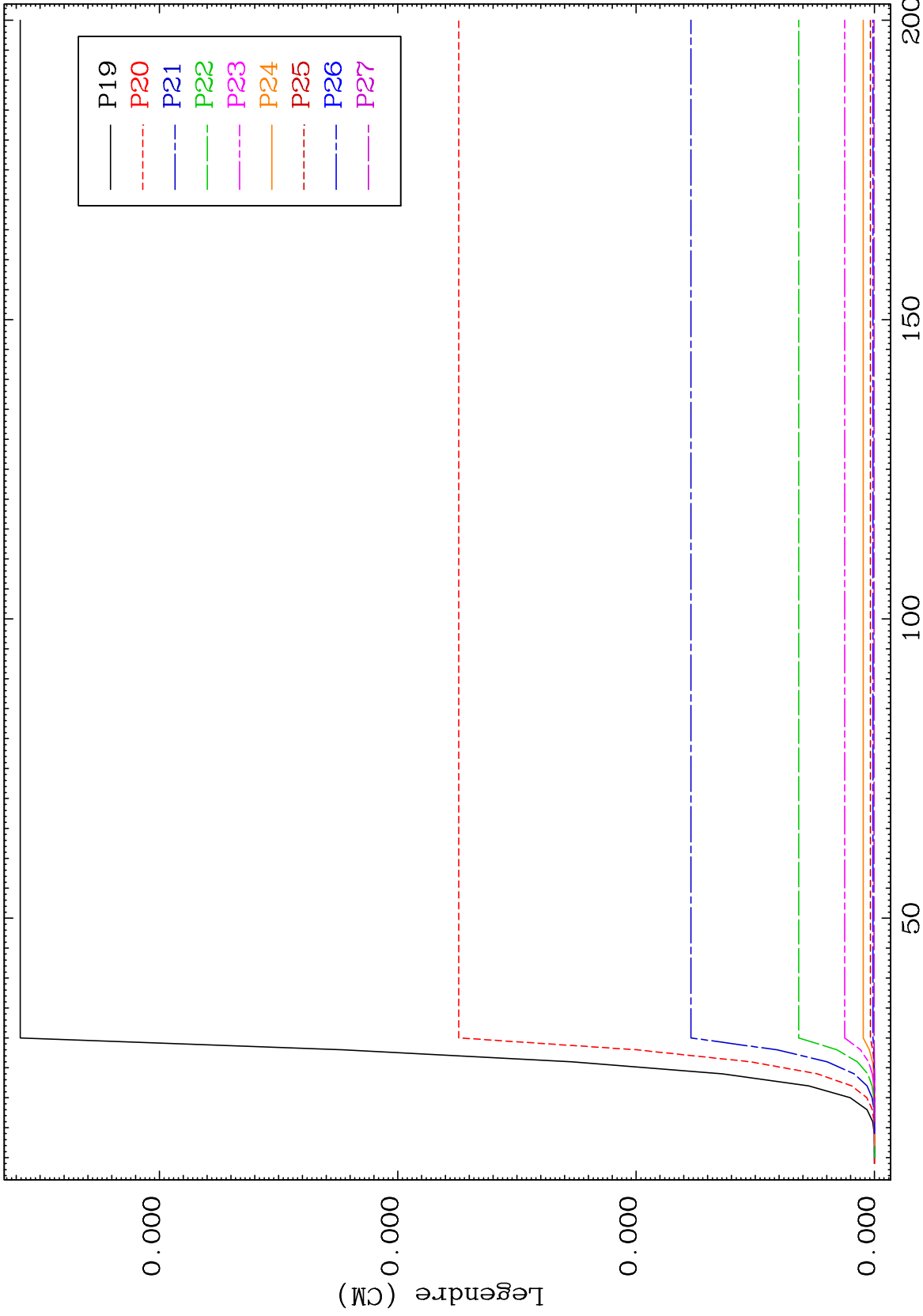
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



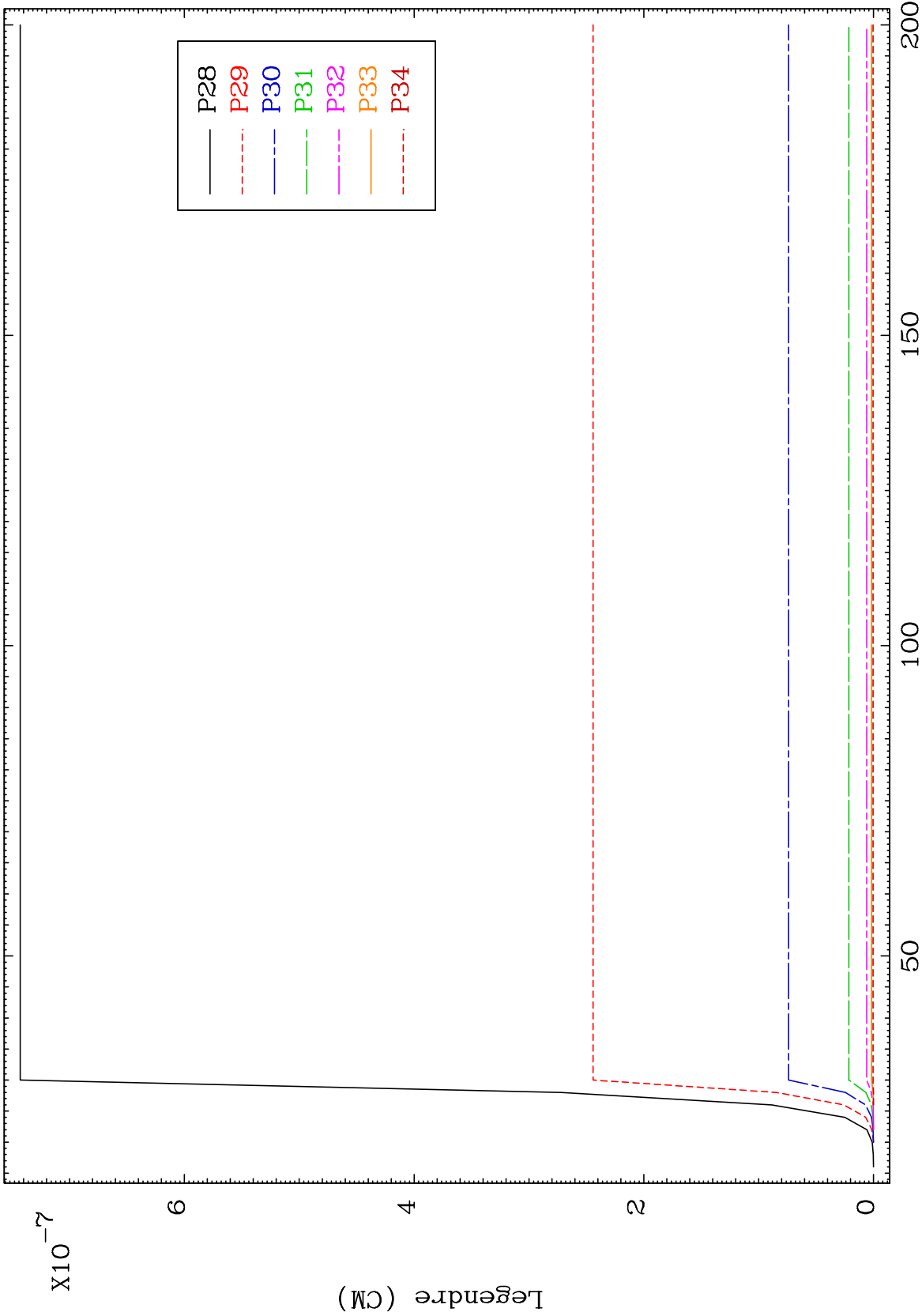
59

48-Cd-98

MAT 4801

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

48-Cd-98



60

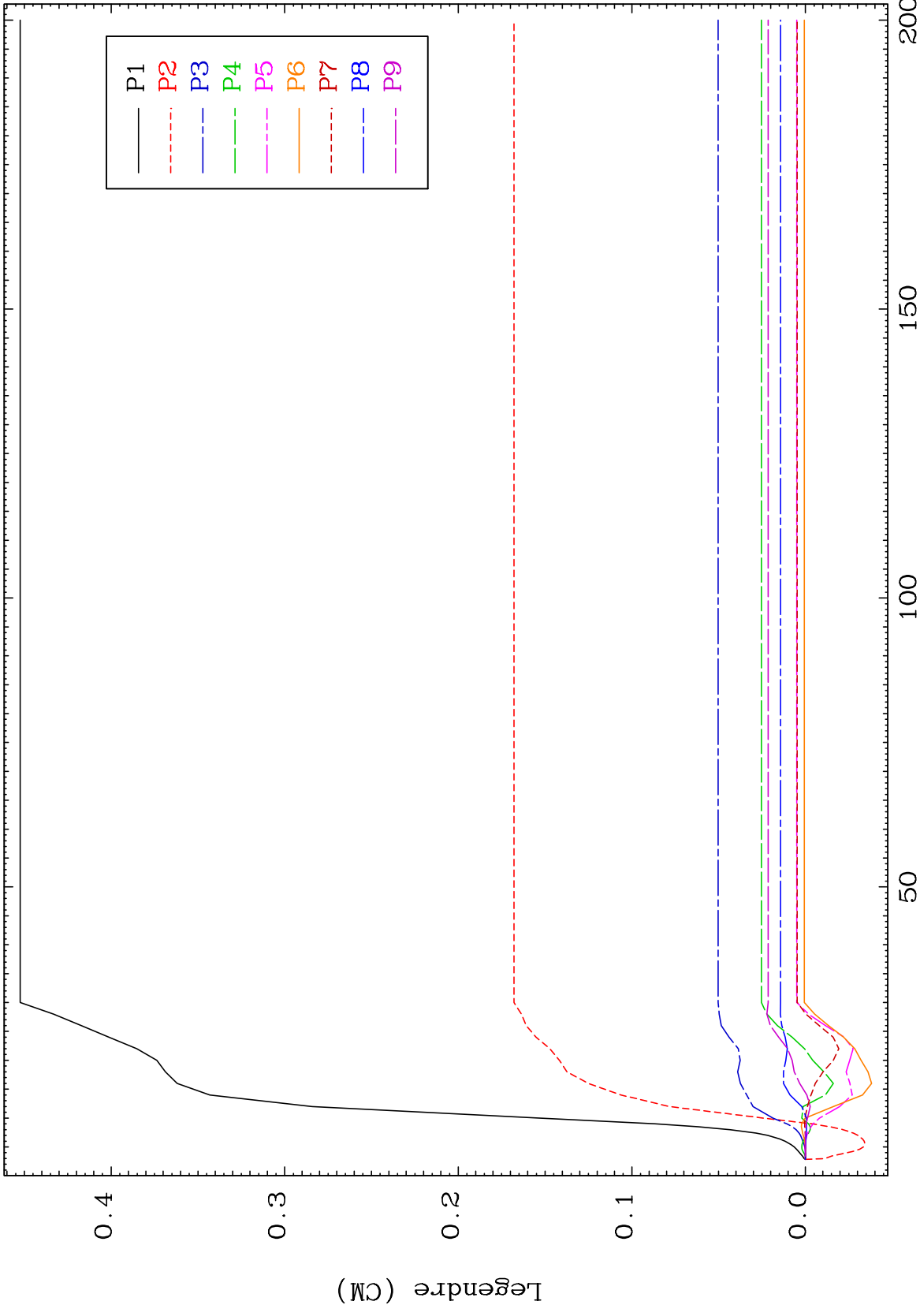
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

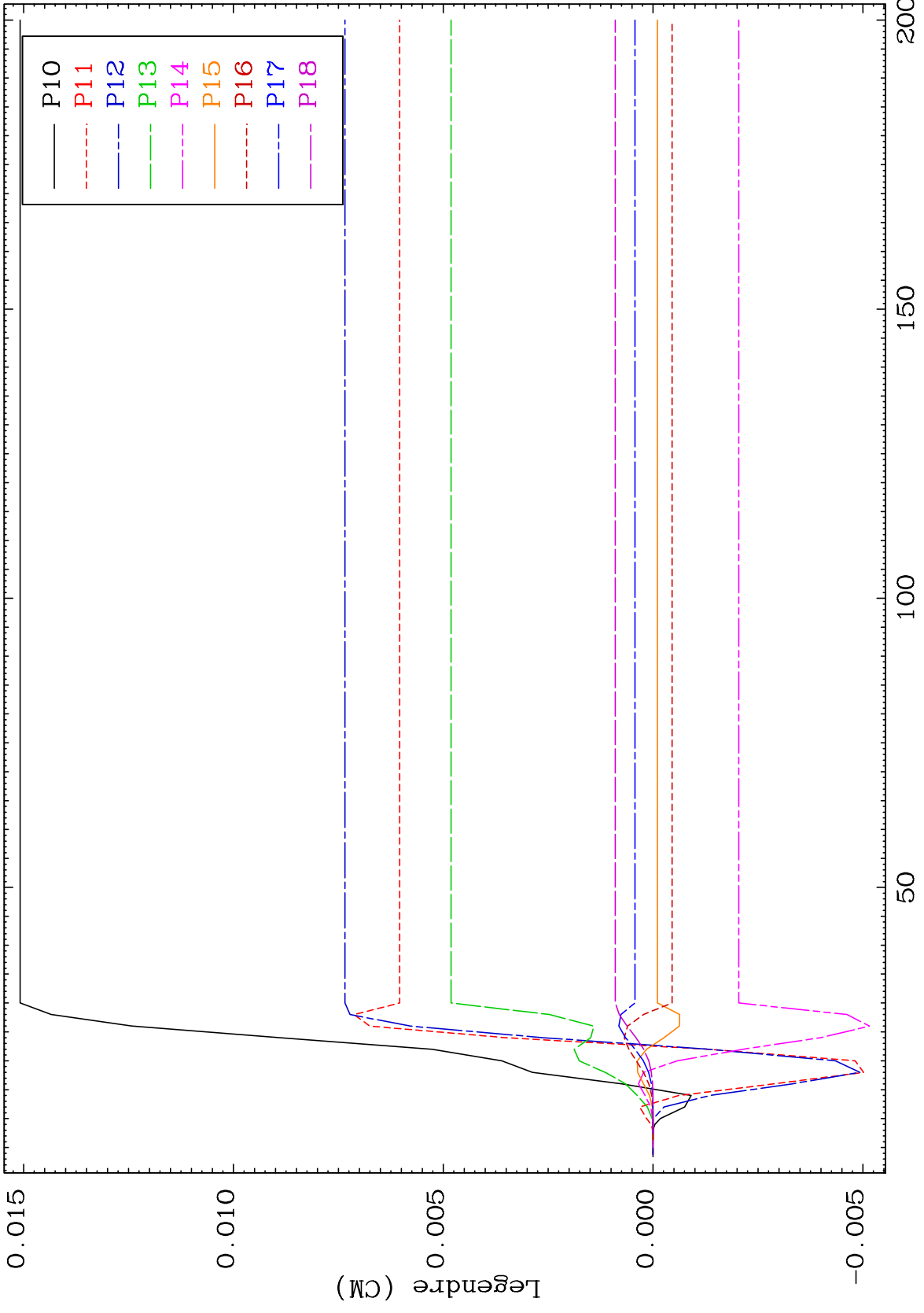
48-Cd-98



61

48-Cd-98

MAT 4801 MT= 63 (n,n') Level Legendre Coefficients 48-Cd-98

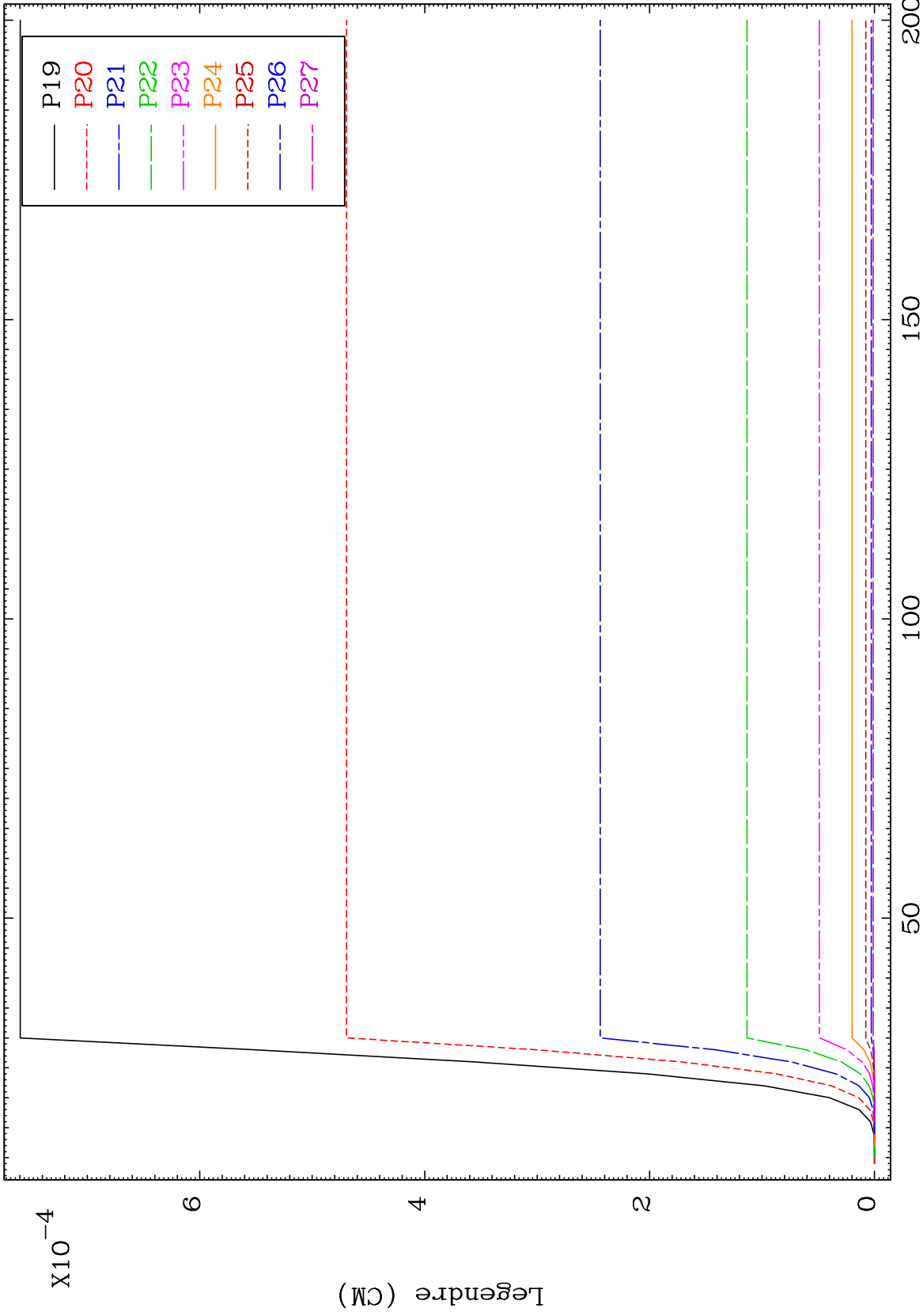


62 48-Cd-98

MAT 4801

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

48-Cd-98



63

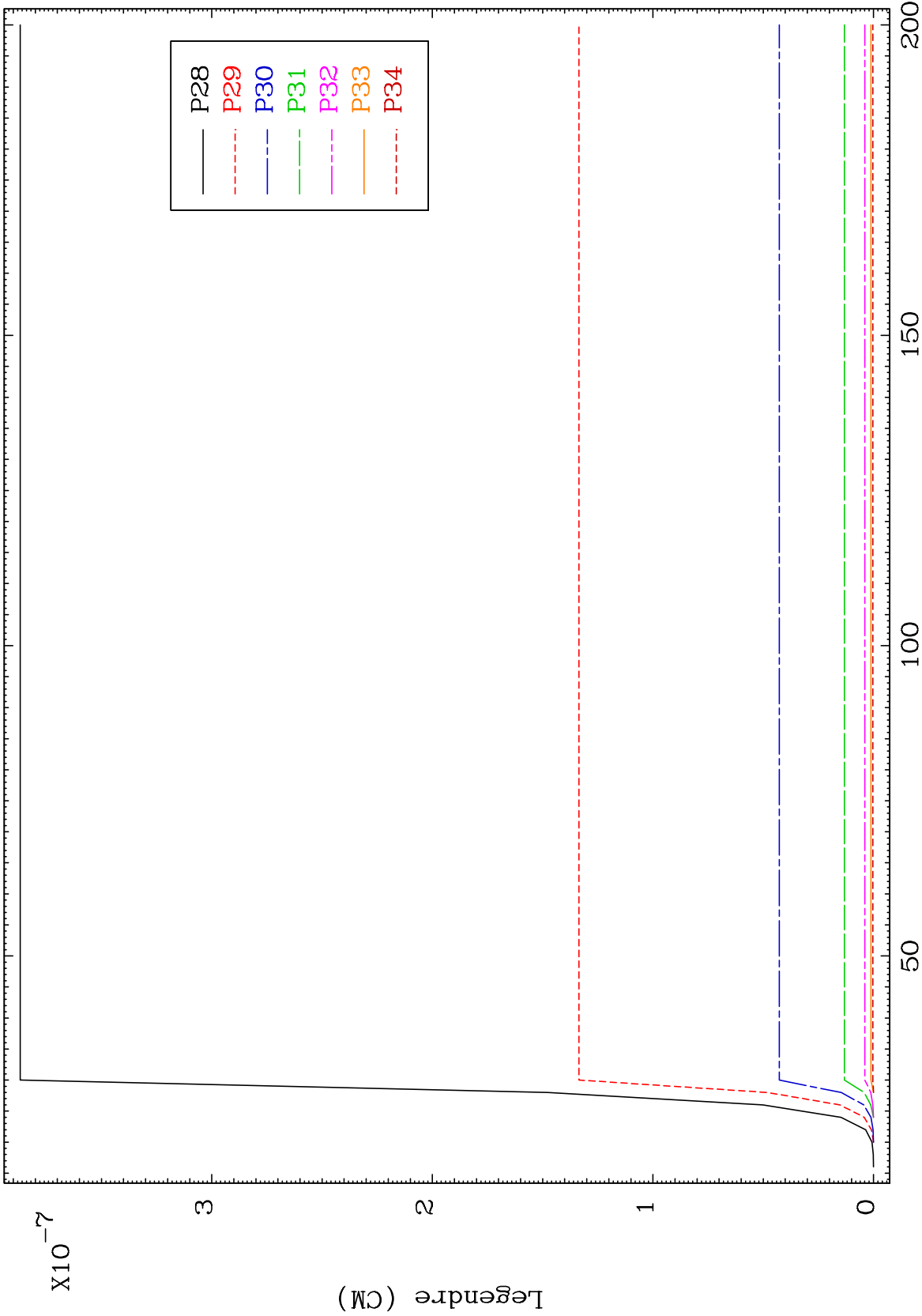
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

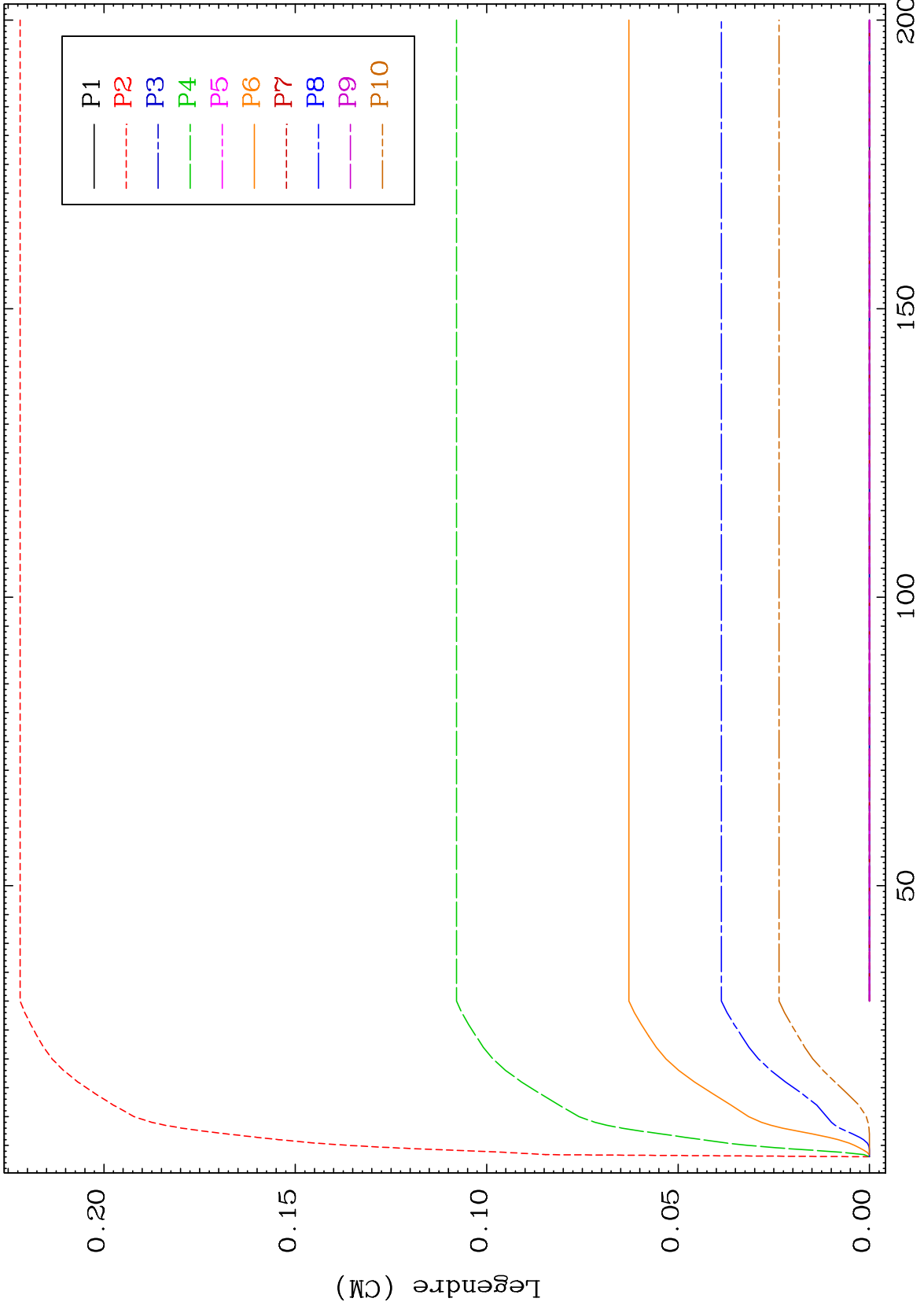
48-Cd-98



64

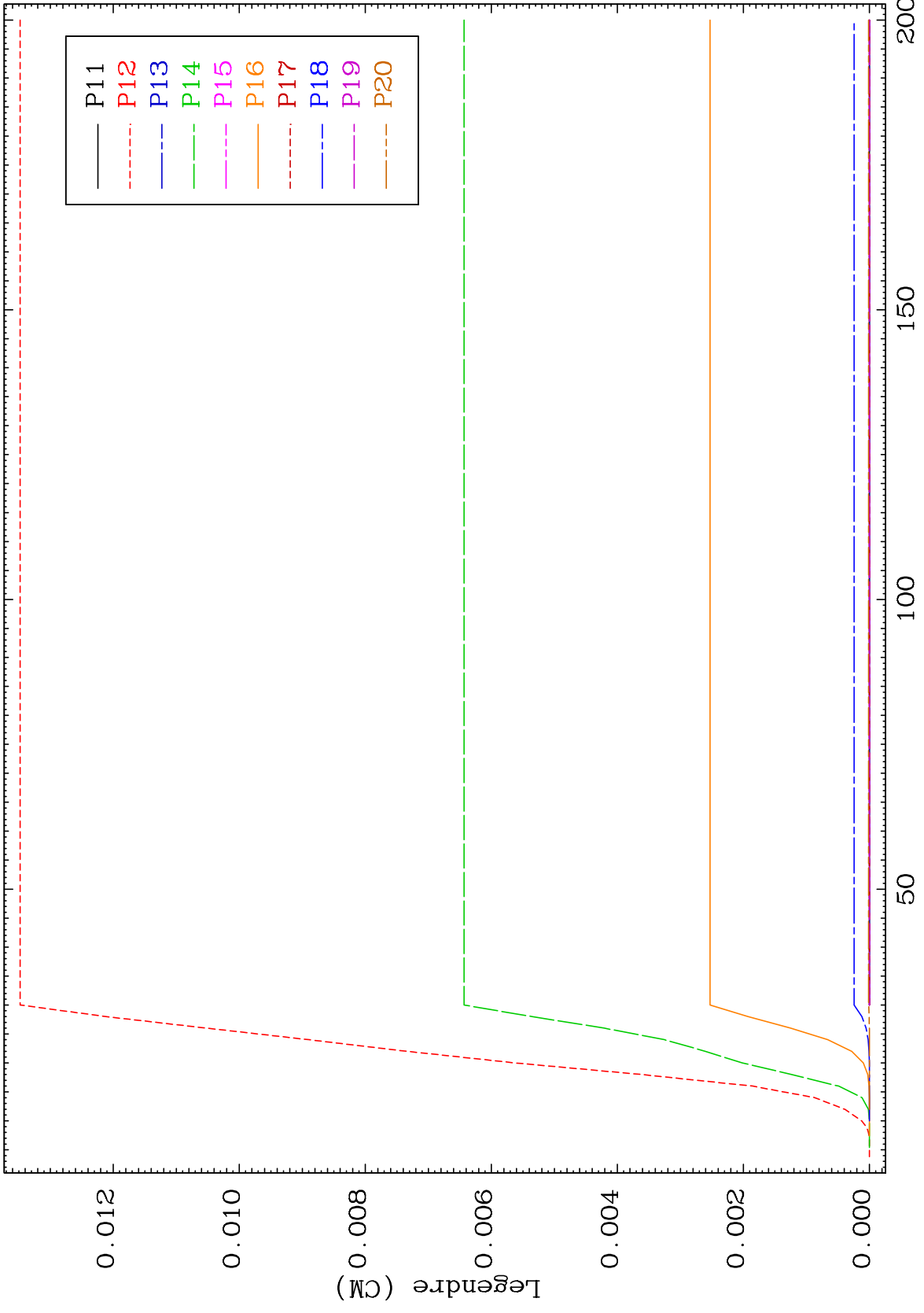
48-Cd-98

MAT 4801 MT= 64 (n,n') Level Legendre Coefficients 48-Cd-98



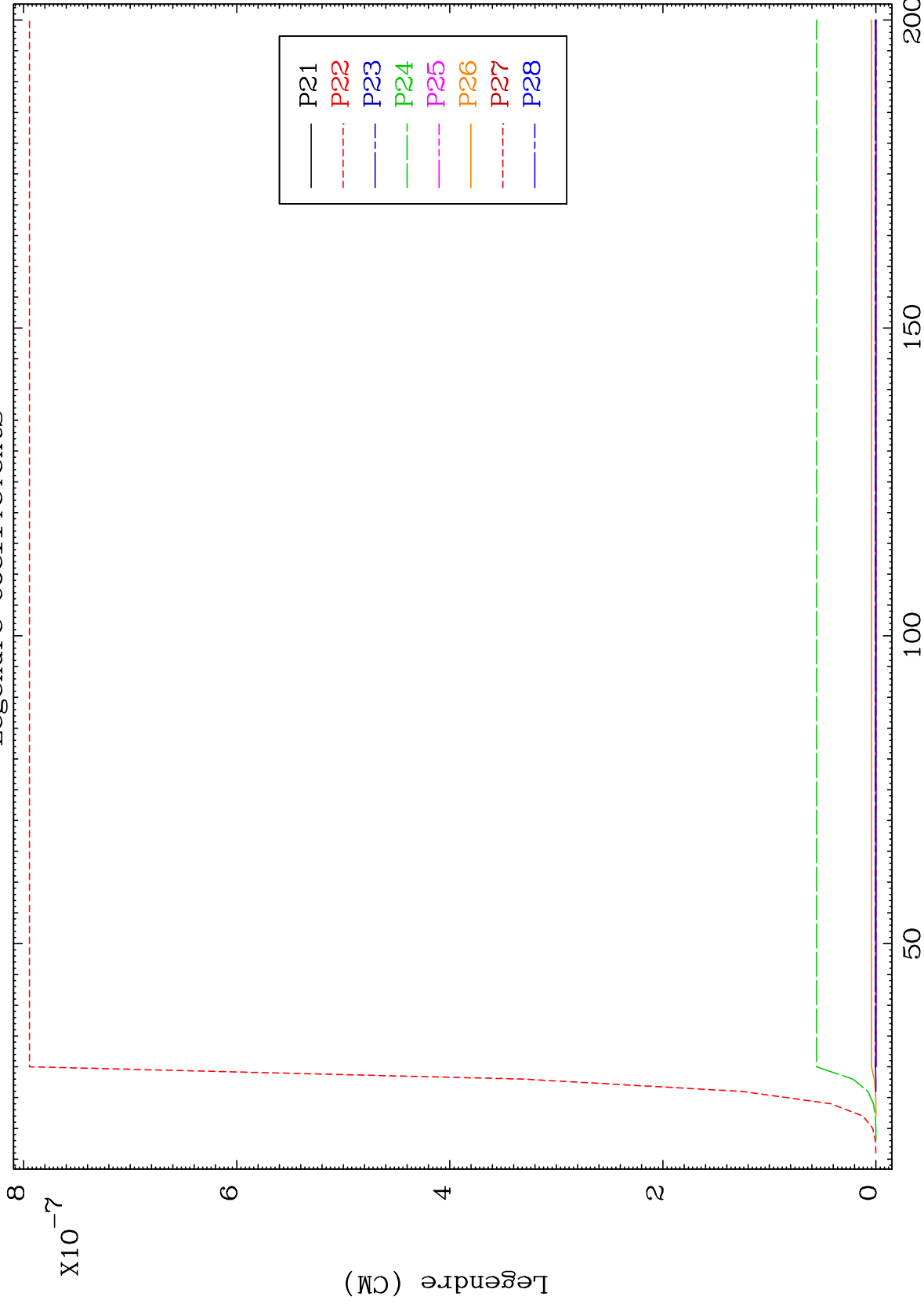
65 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 64 (n,n') Level Legendre Coefficients 48-Cd-98



66 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 64 (n,n') Level Legendre Coefficients 48-Cd-98

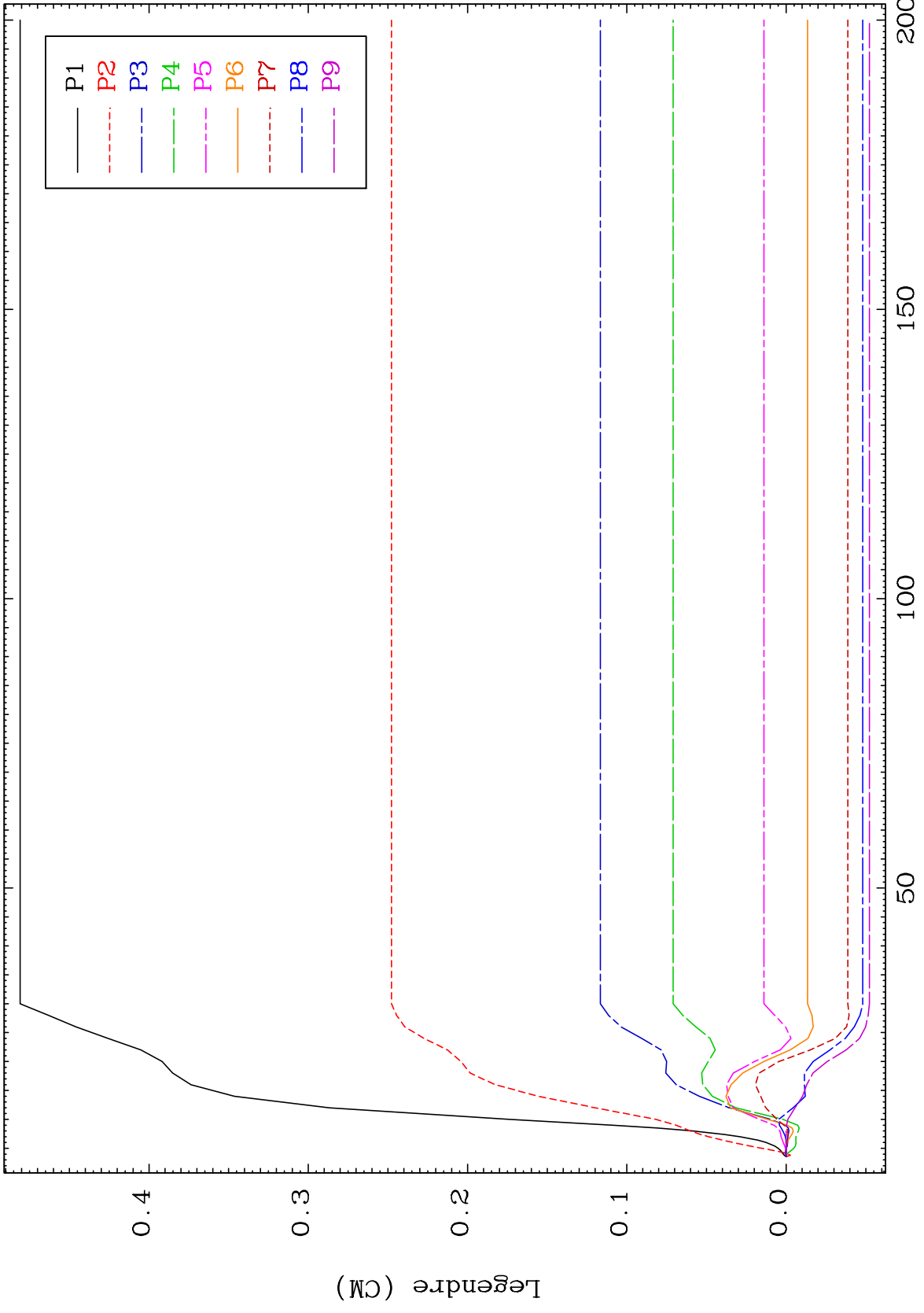


67

Incident Energy (MeV)

48-Cd-98

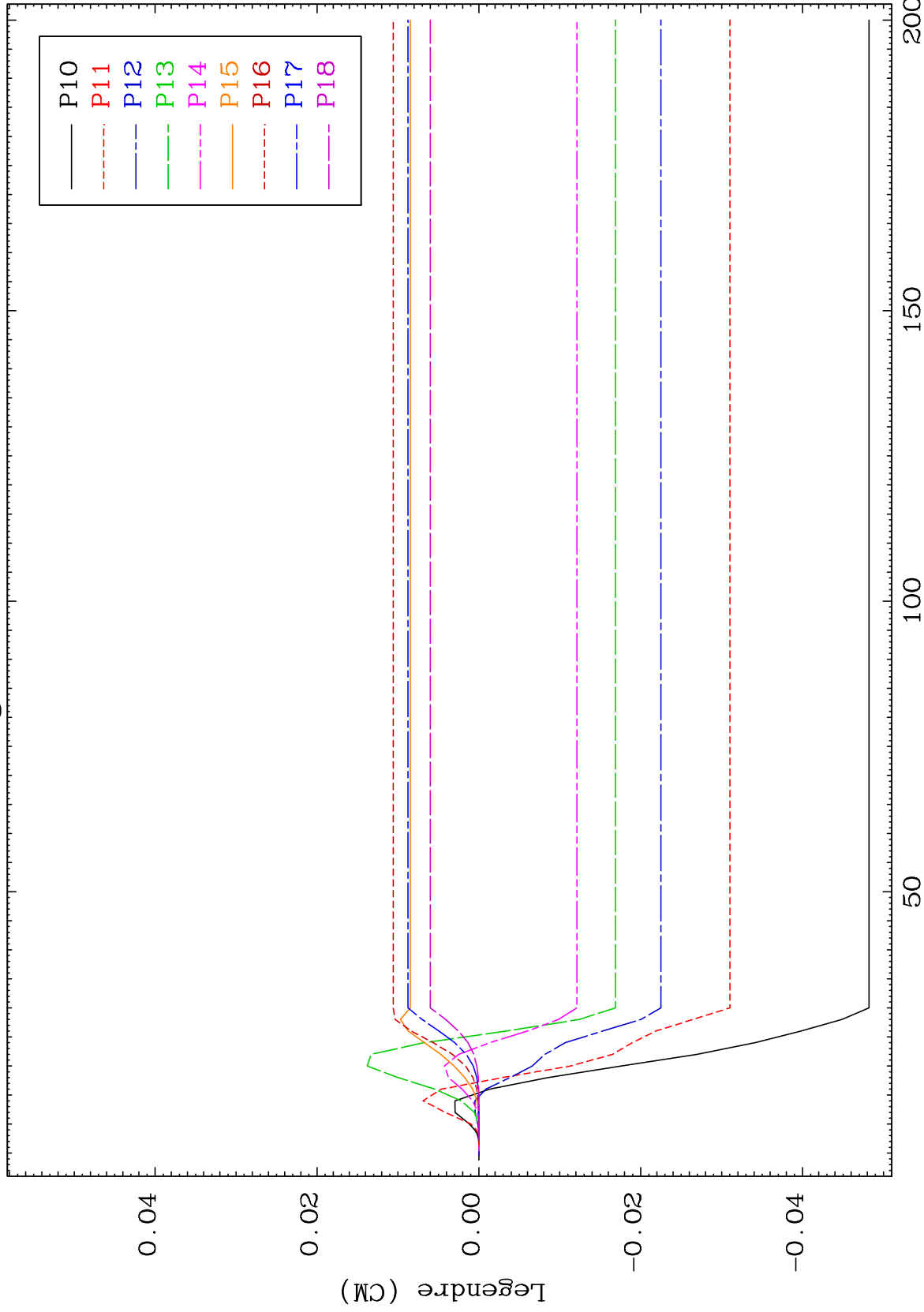
MAT 4801 MT= 65 (n,n') Level Legendre Coefficients 48-Cd-98



MAT 4801

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

48-Cd-98

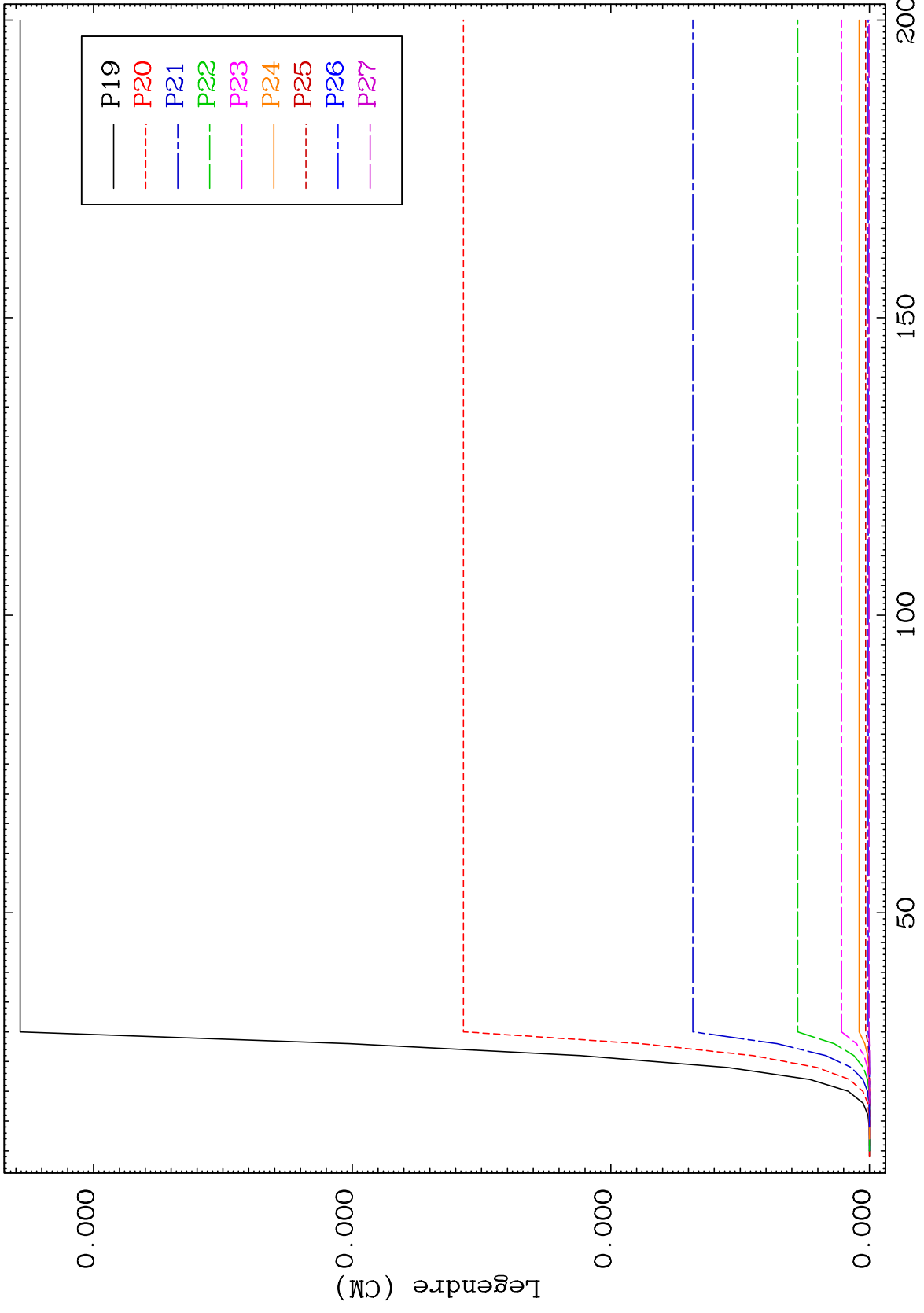


69

Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 65 (n,n') Level Legendre Coefficients 48-Cd-98

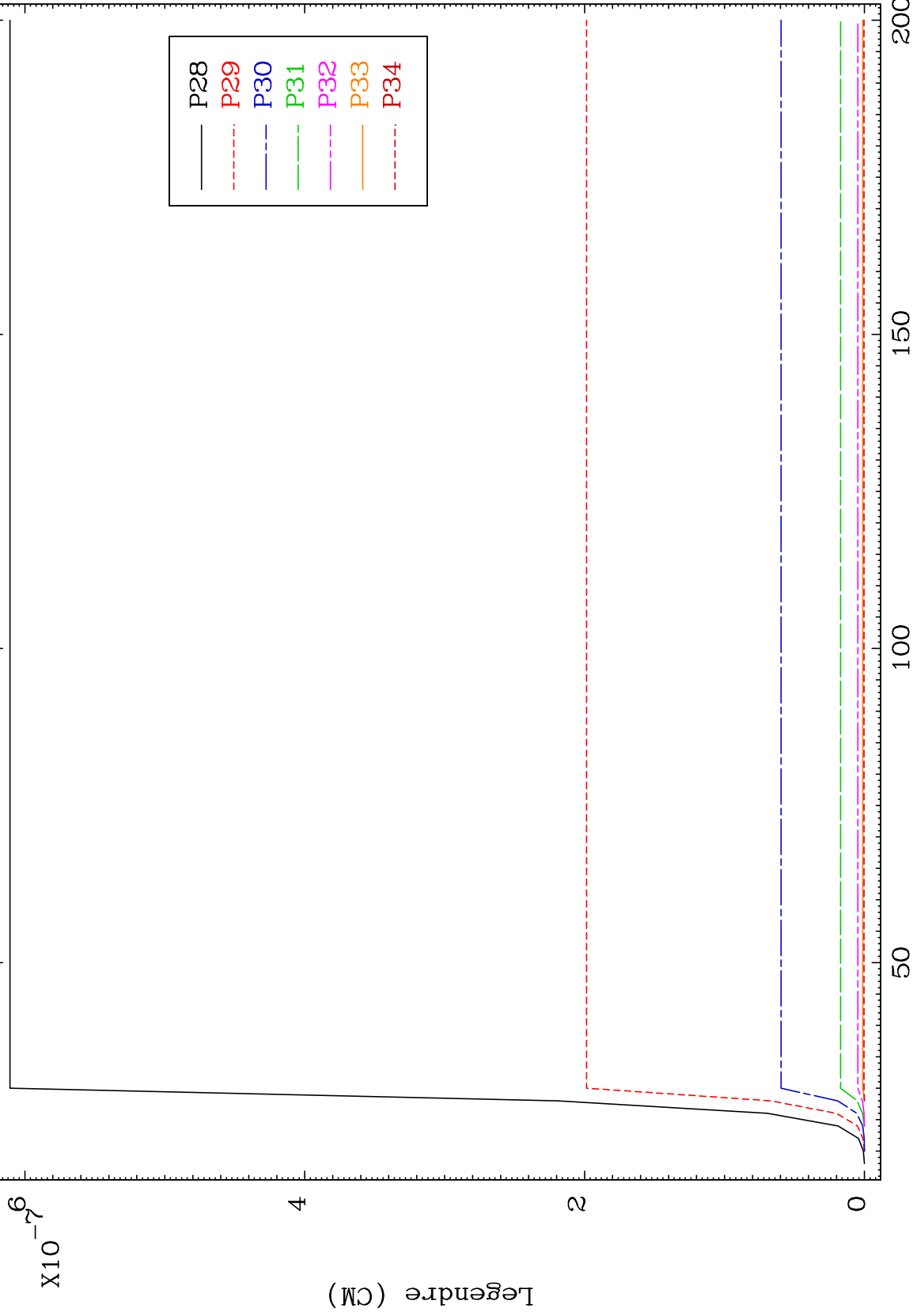


70 100 150 200 48-Cd-98

MAT 4801

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

48-Cd-98

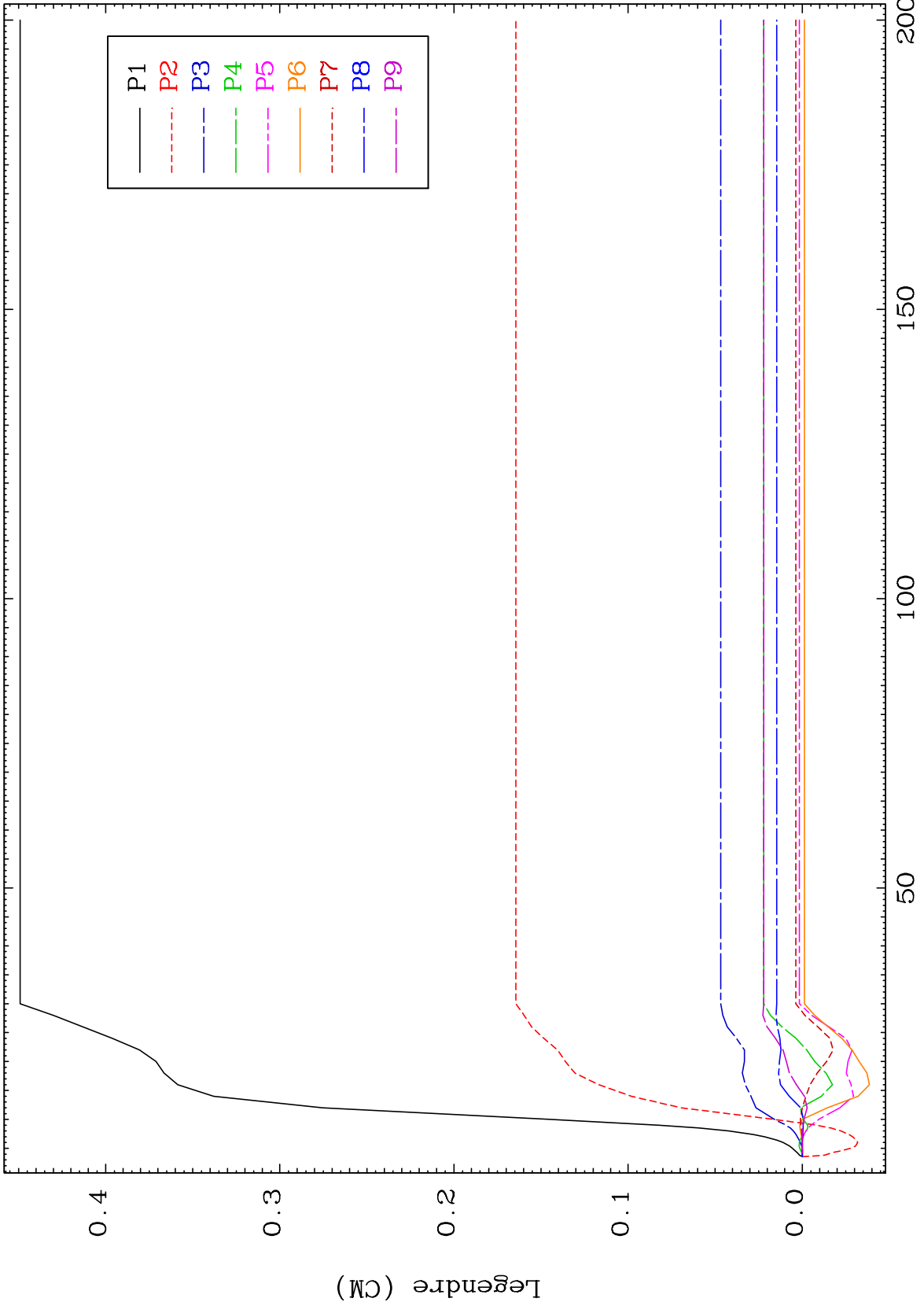


71

Incident Energy (MeV)

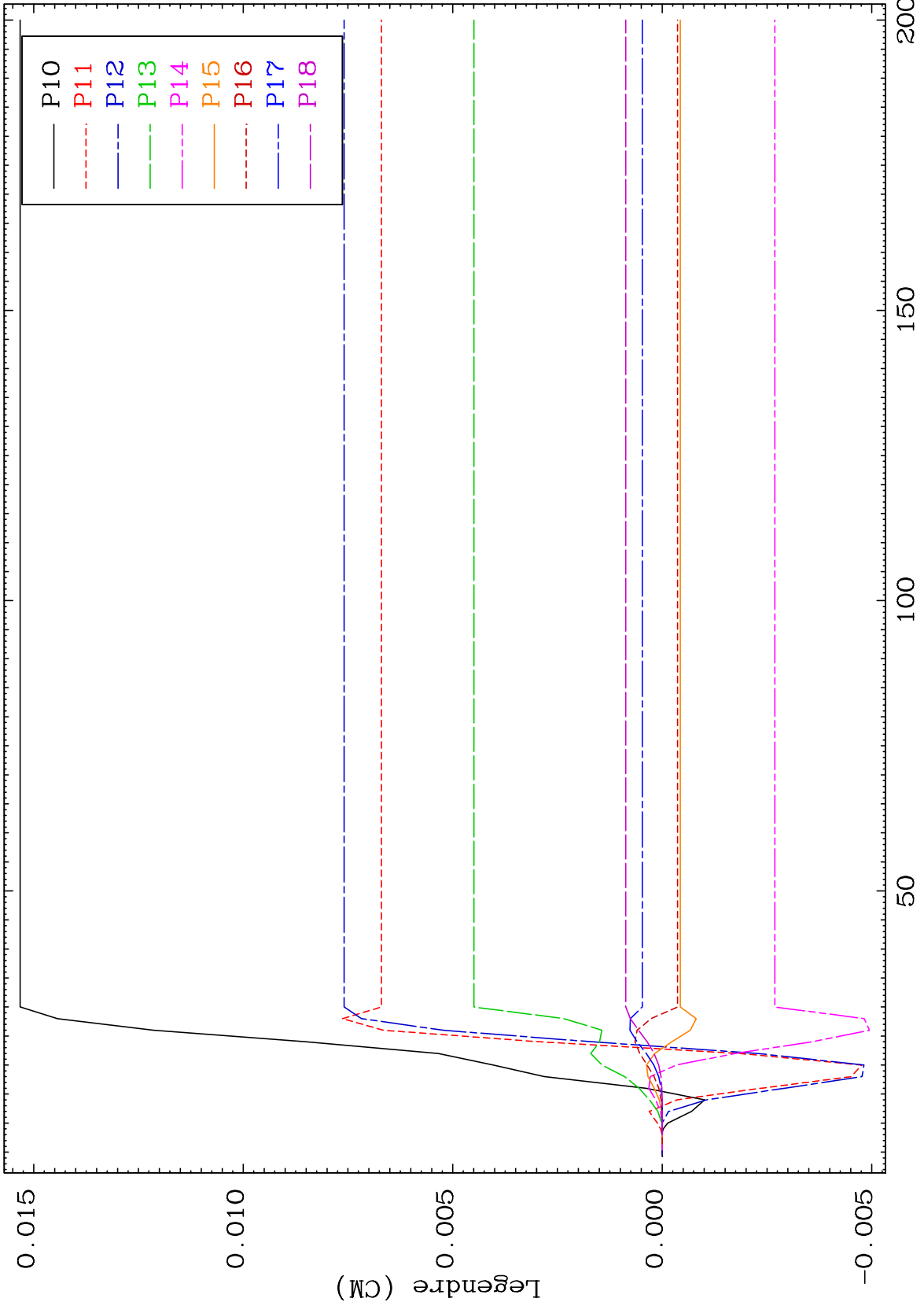
48-Cd-98

MAT 4801 MT= 66 (n,n') Level Legendre Coefficients 48-Cd-98



72 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 66 (n,n') Level Legendre Coefficients 48-Cd-98

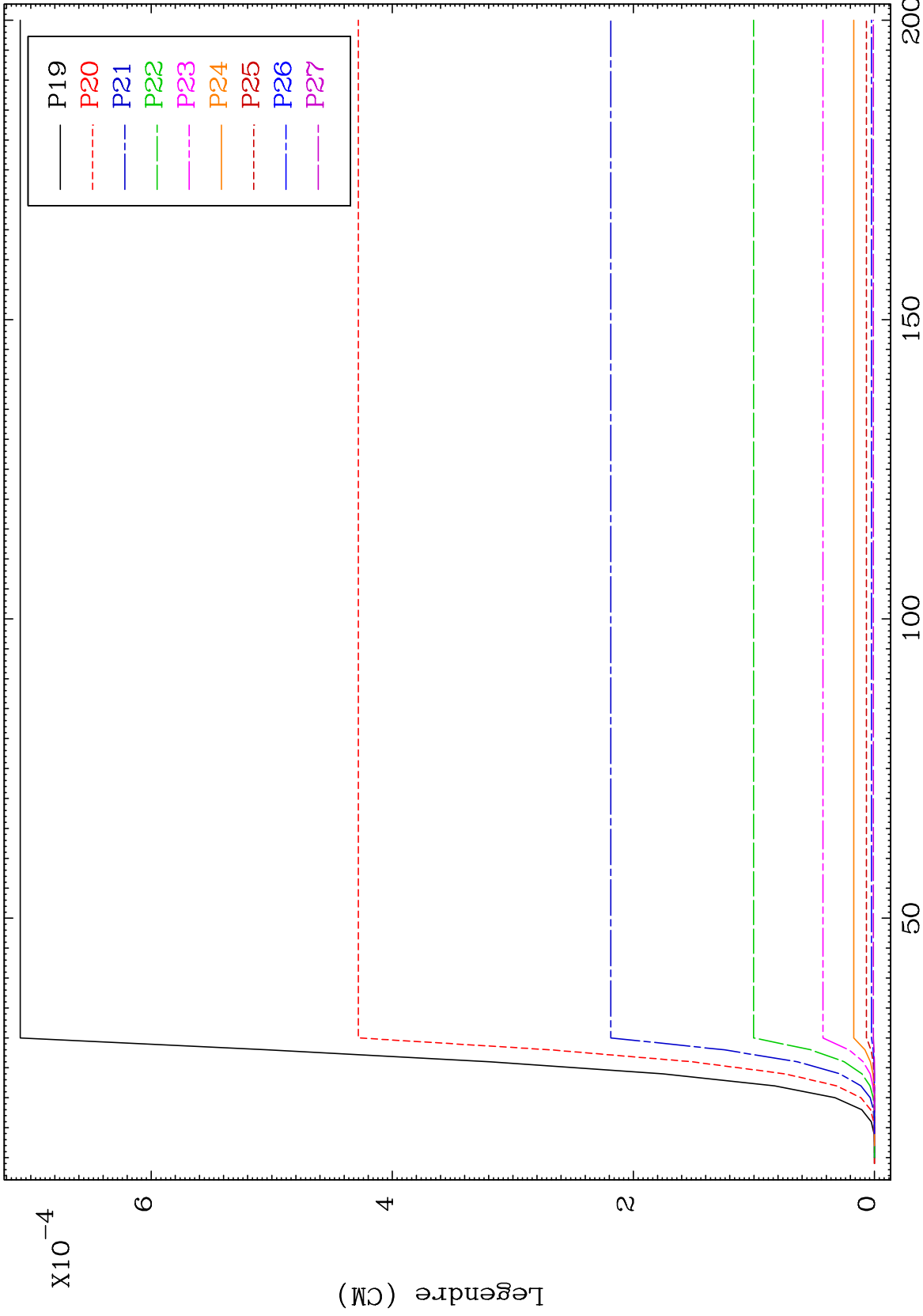


73 48-Cd-98

MAT 4801

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

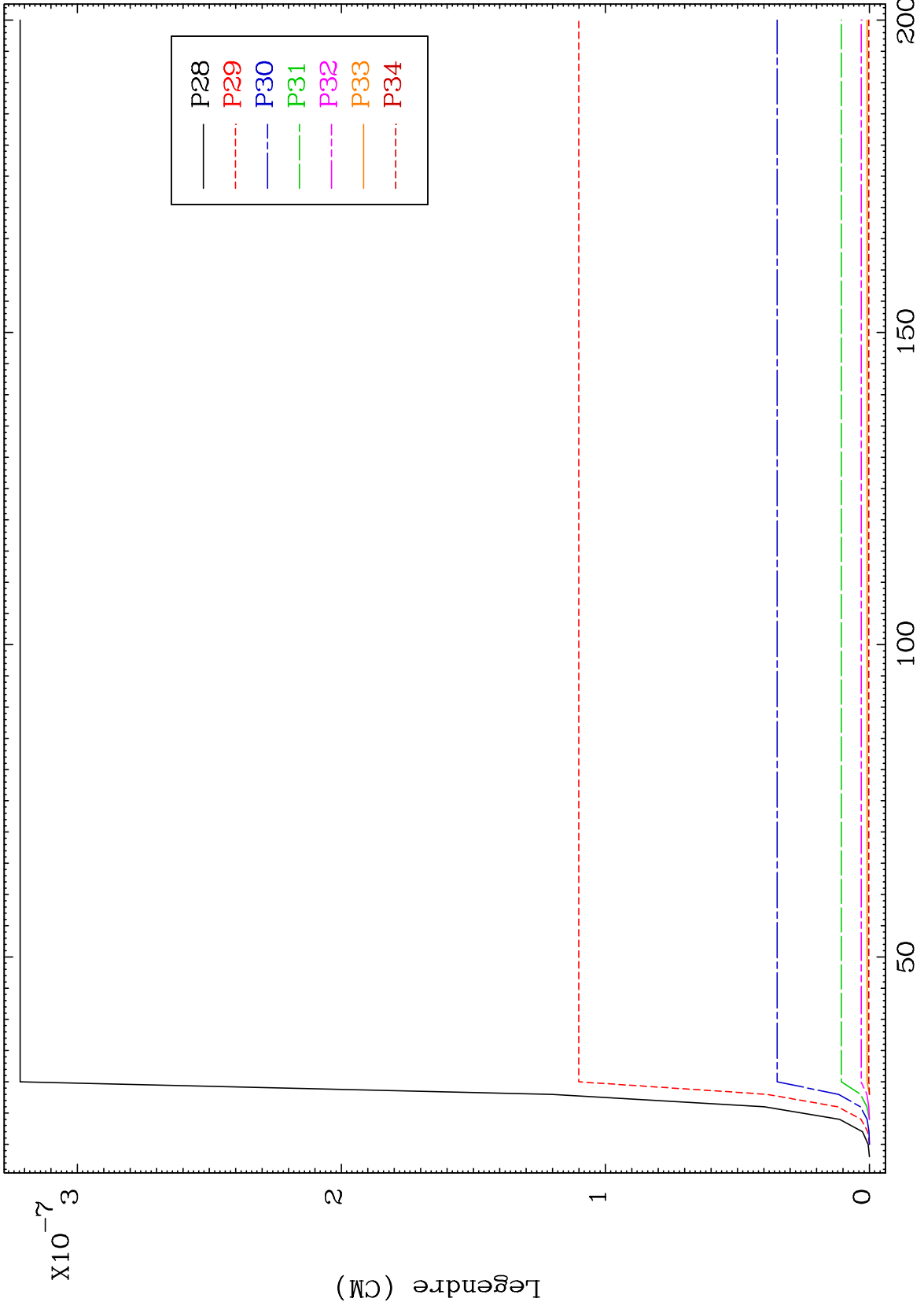
48-Cd-98



74

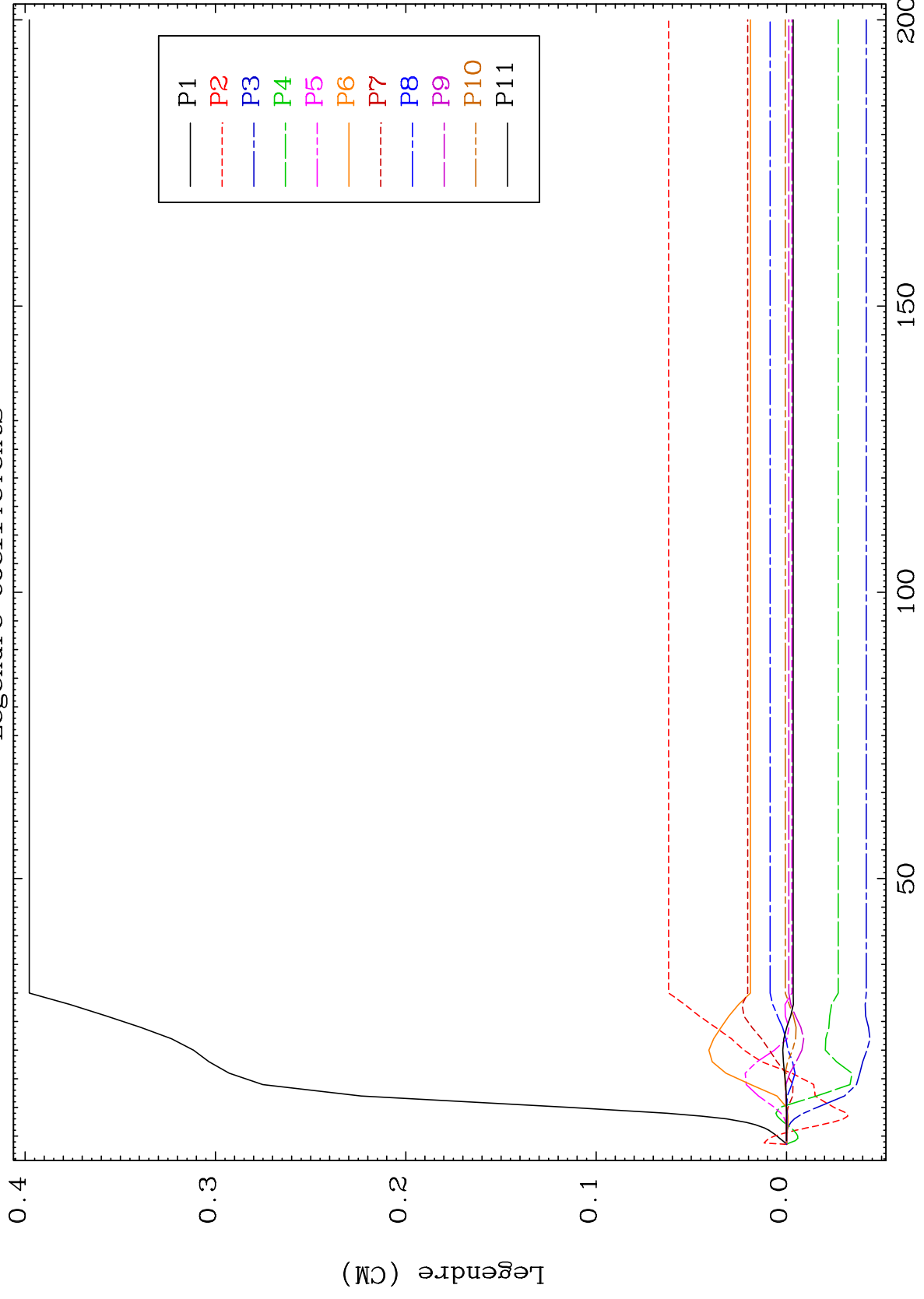
48-Cd-98

MAT 4801 MT= 66 (n,n') Level Legendre Coefficients 48-Cd-98



75 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 67 (n,n') Level Legendre Coefficients 48-Cd-98



48-Cd-98

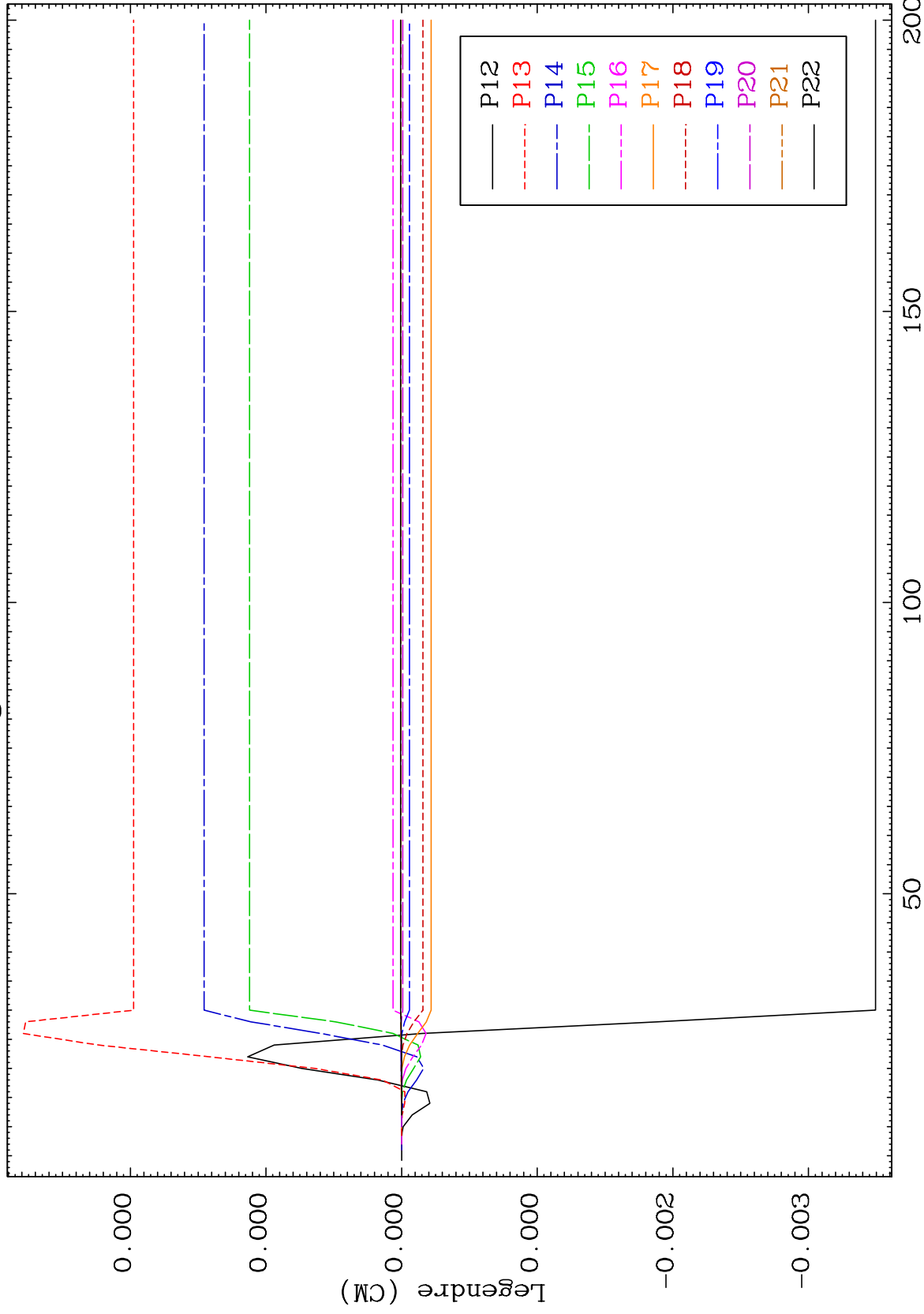
Incident Energy (MeV)

76

MAT 4801

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

48-Cd-98

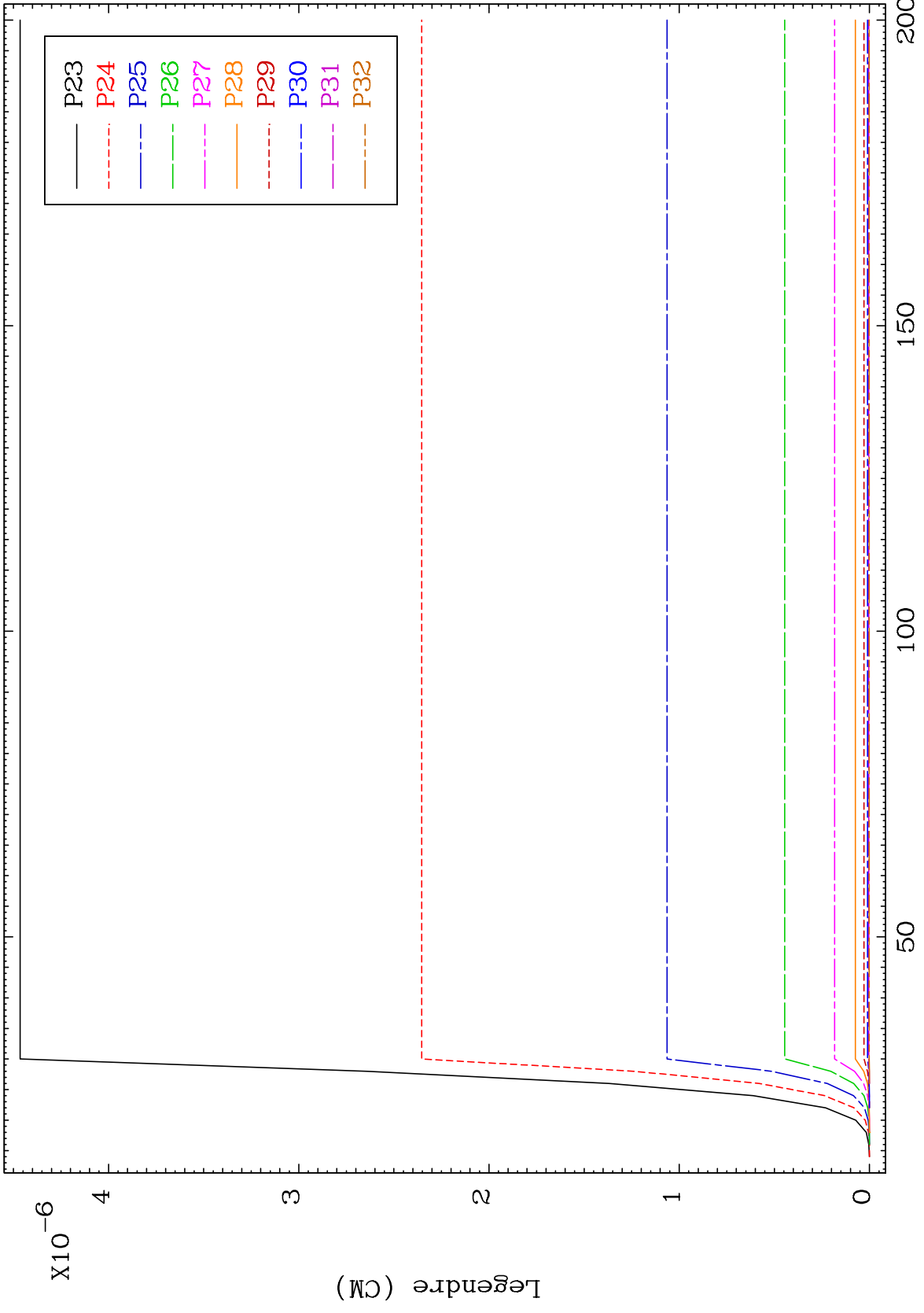


77

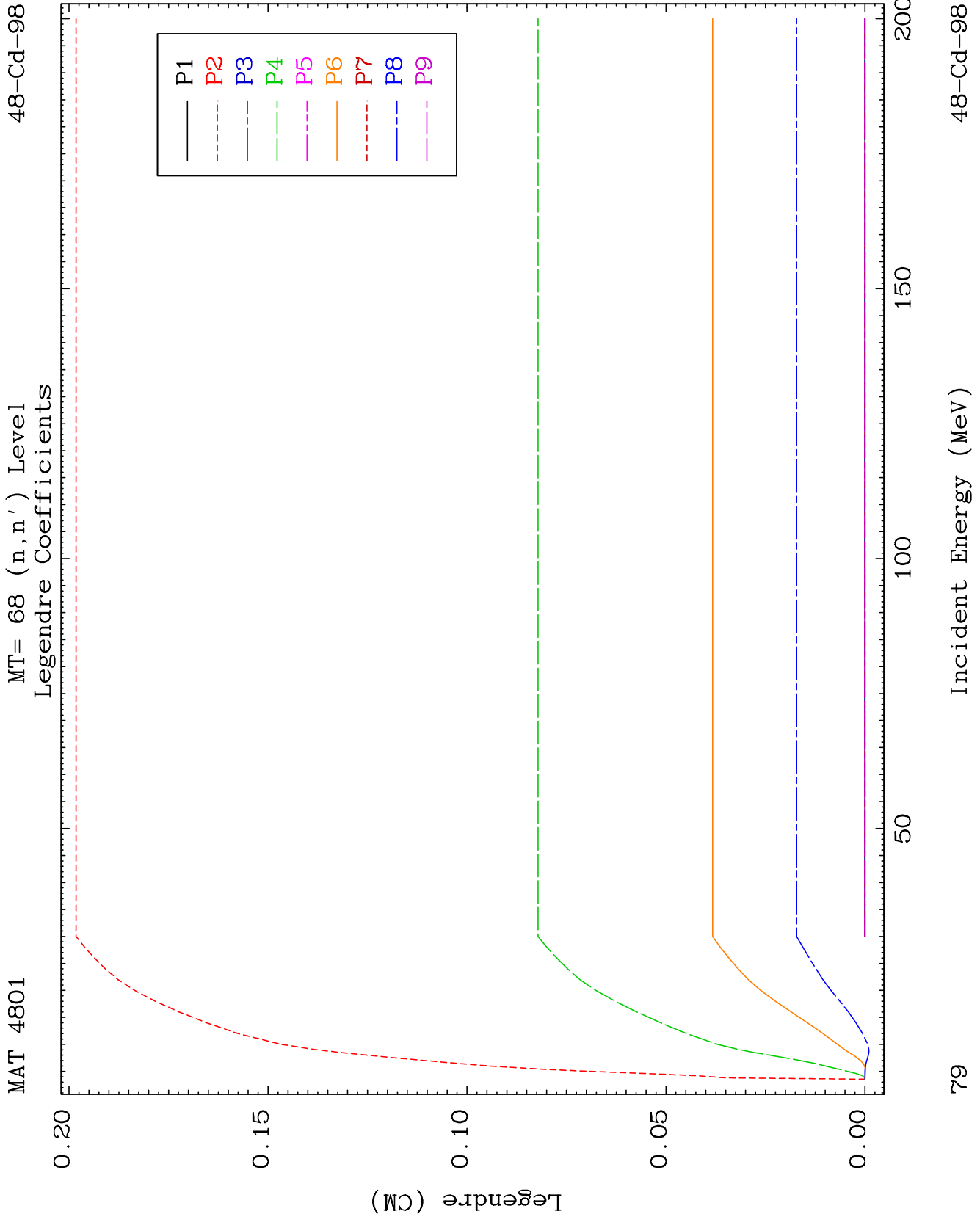
Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 67 (n,n') Level Legendre Coefficients 48-Cd-98



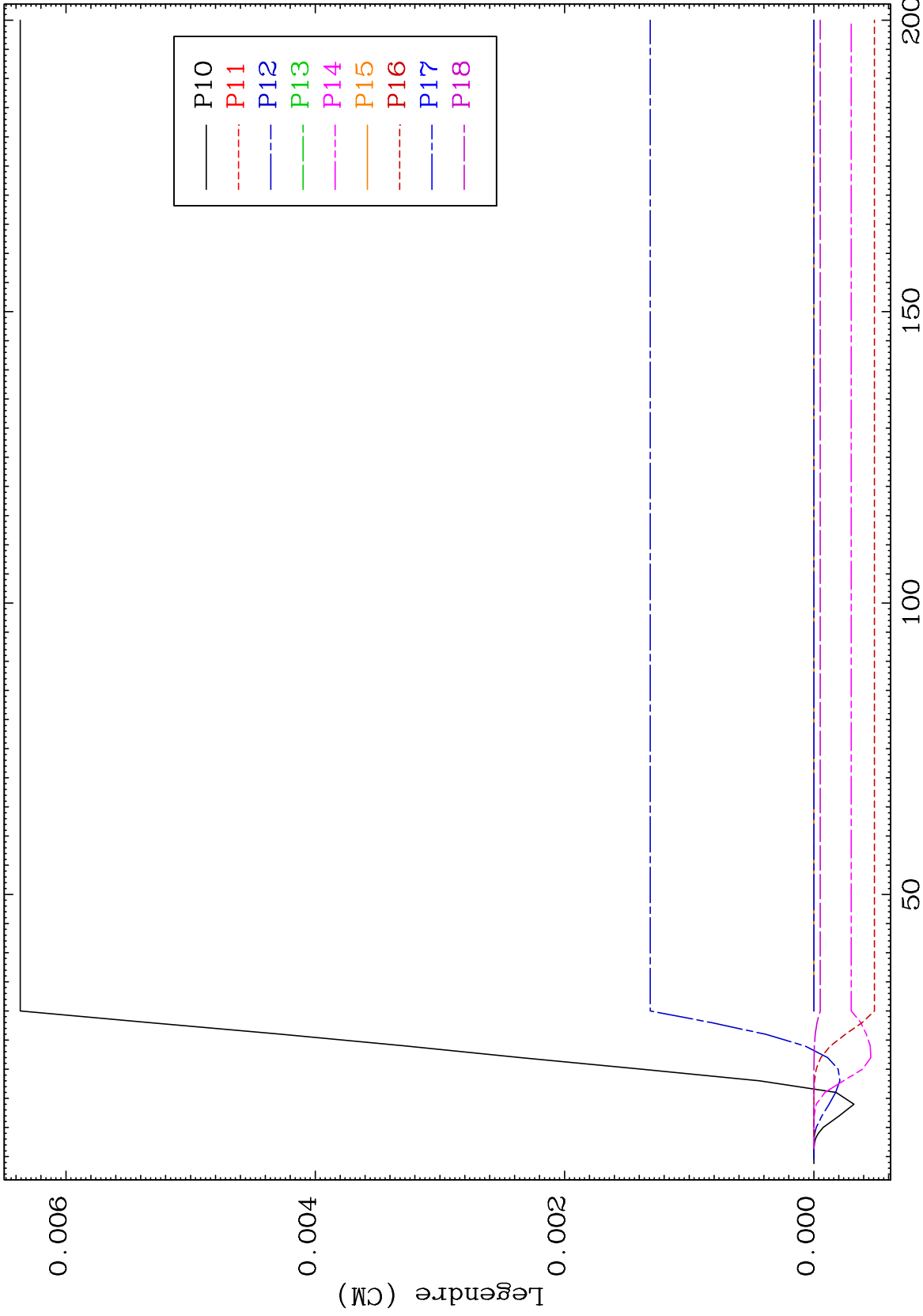
78 50 100 150 200 48-Cd-98



MAT 4801

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

48-Cd-98

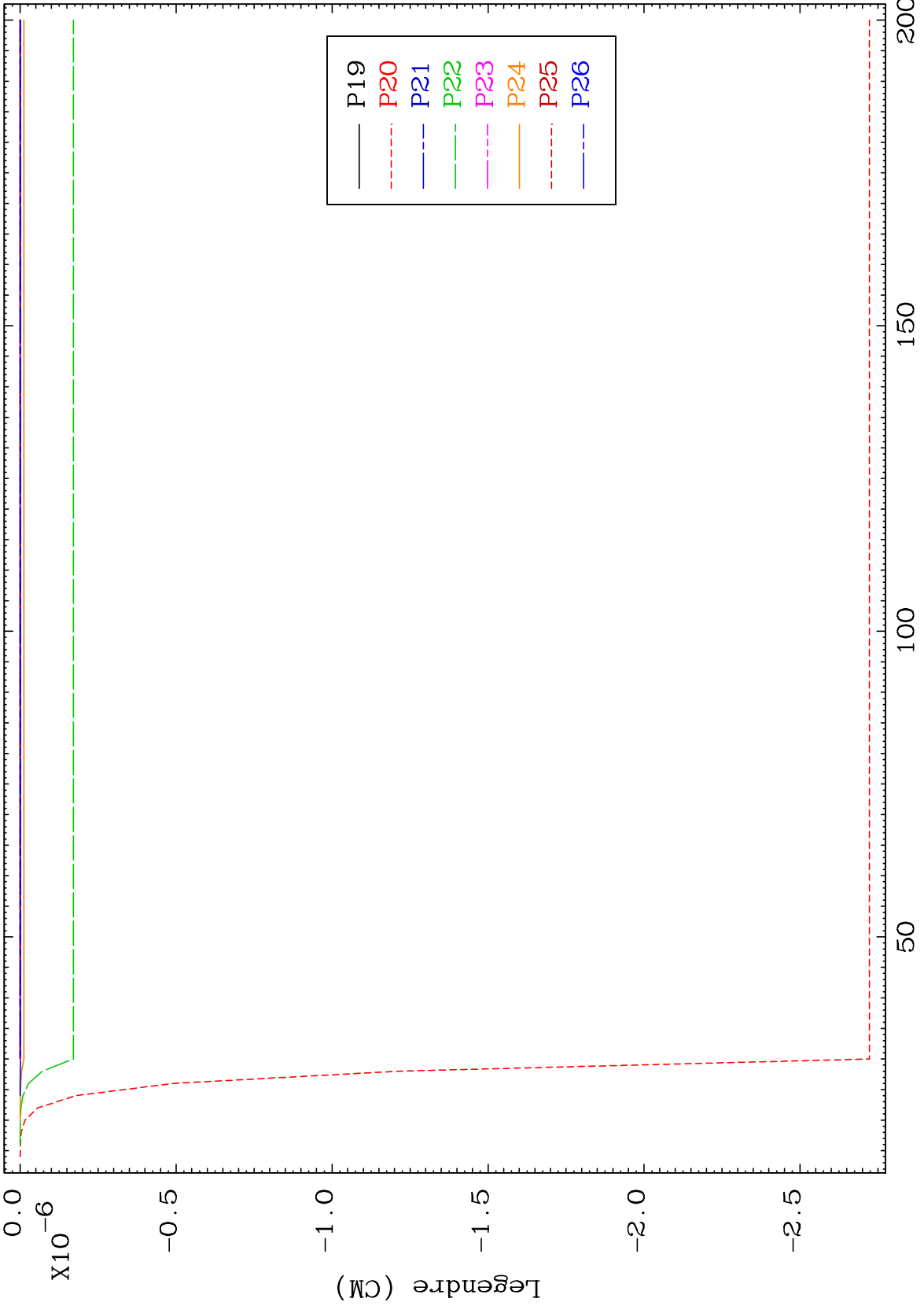


80

Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 68 (n,n') Level Legendre Coefficients 48-Cd-98

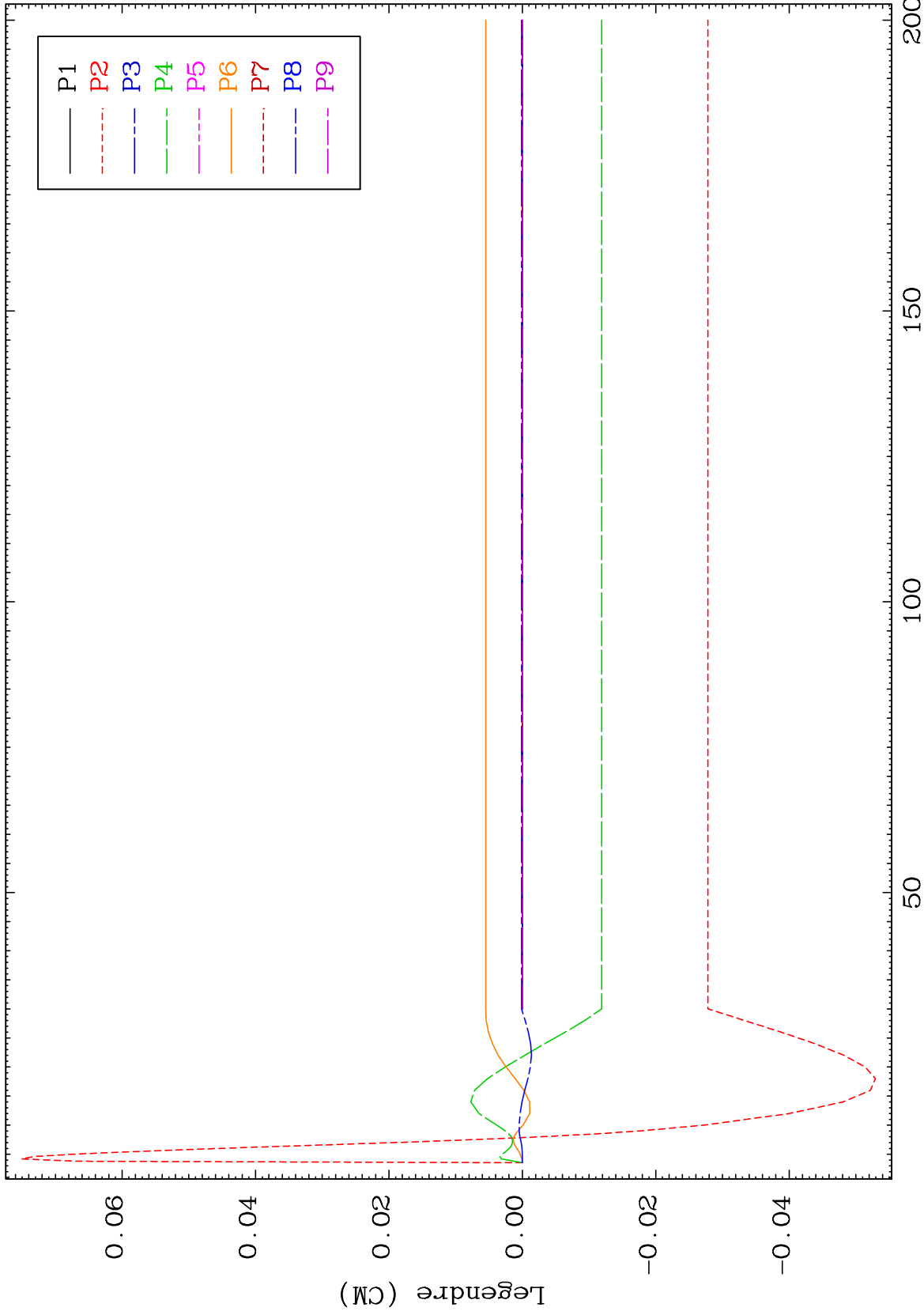


81 48-Cd-98

MAT 4801

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

48-Cd-98



82

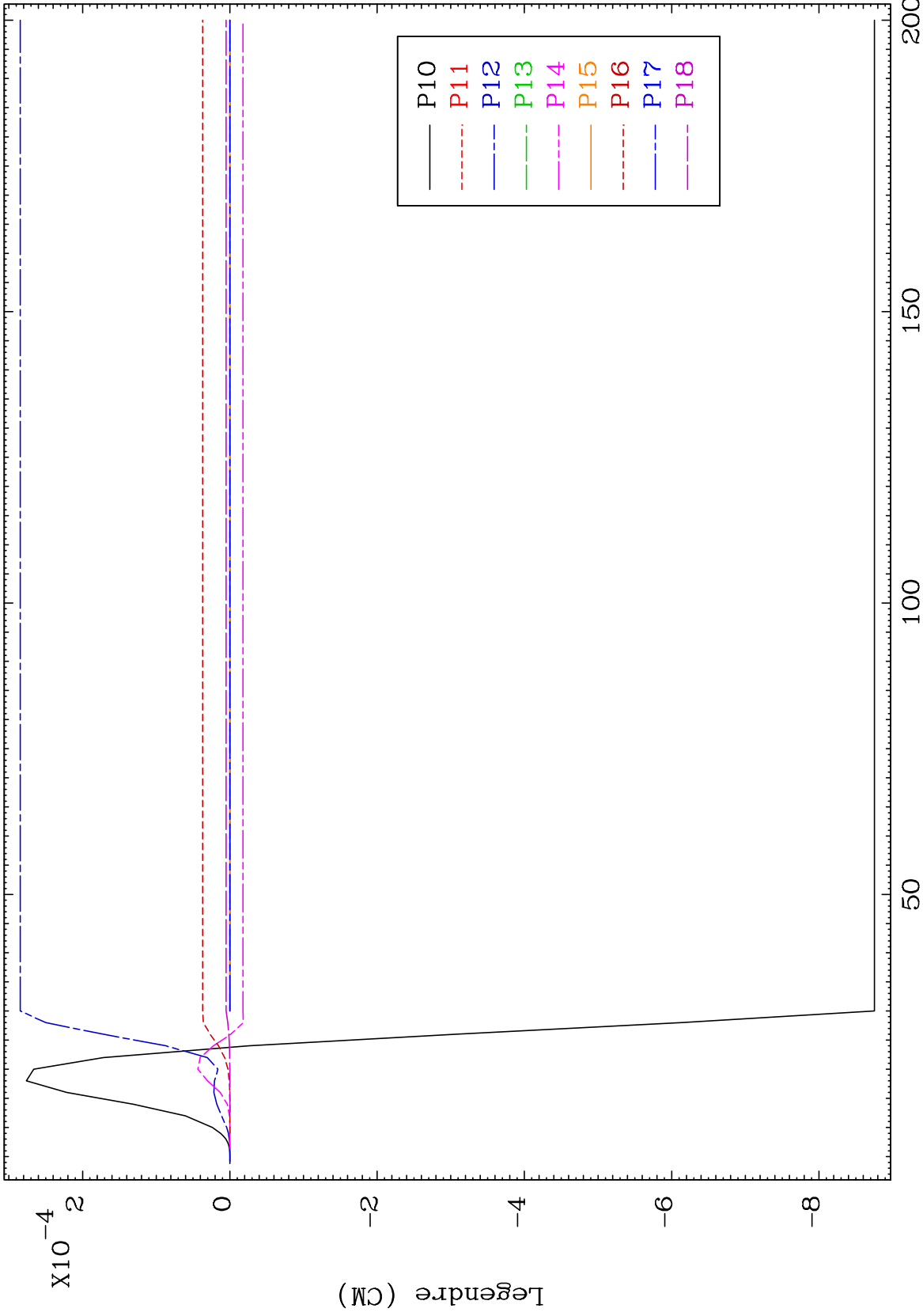
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98

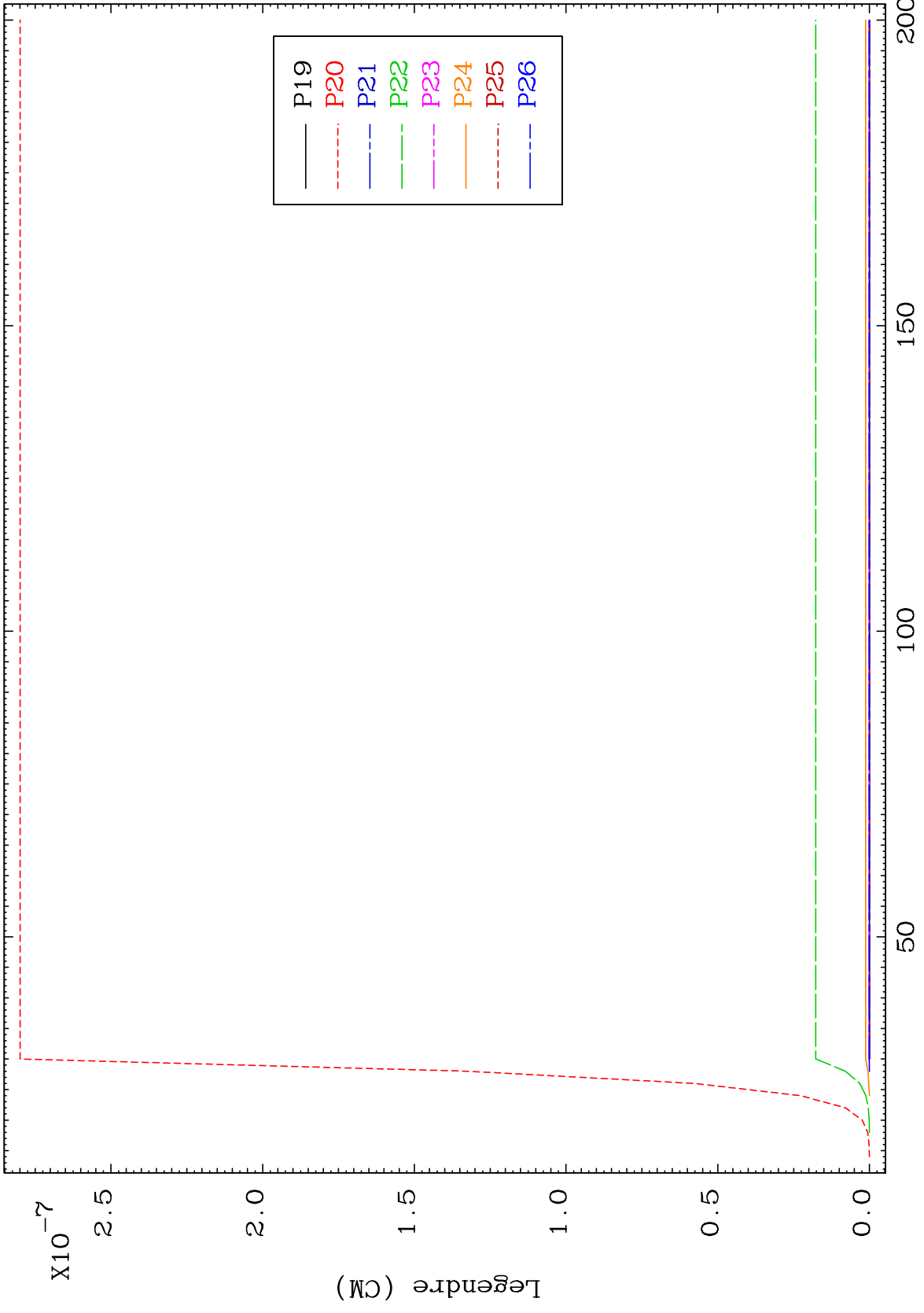


83

Incident Energy (MeV)

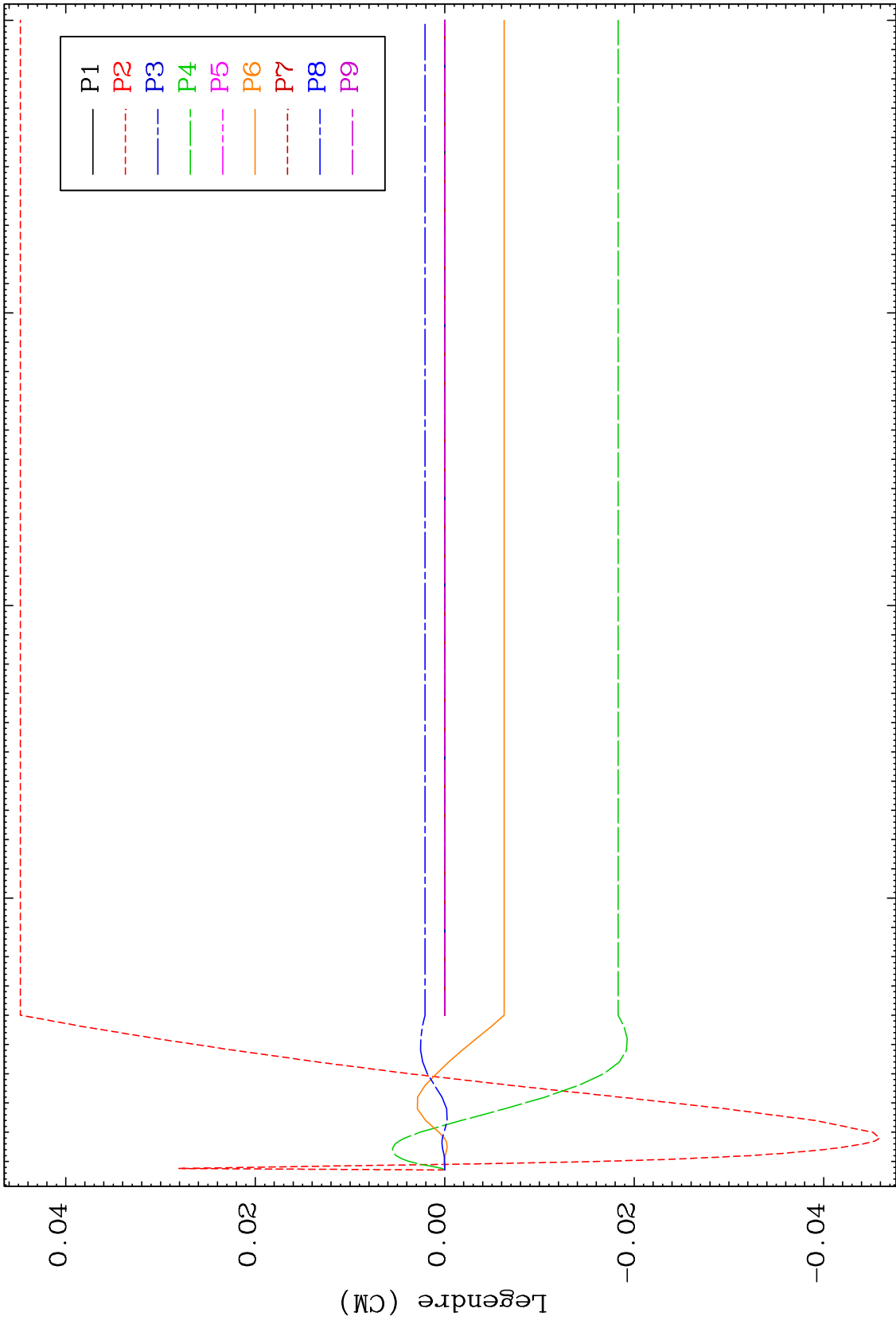
48-Cd-98

MAT 4801 MT= 69 (n,n') Level Legendre Coefficients 48-Cd-98



84 50 100 150 200 48-Cd-98

MAT 4801 MT= 70 (n,n') Level Legendre Coefficients 48-Cd-98

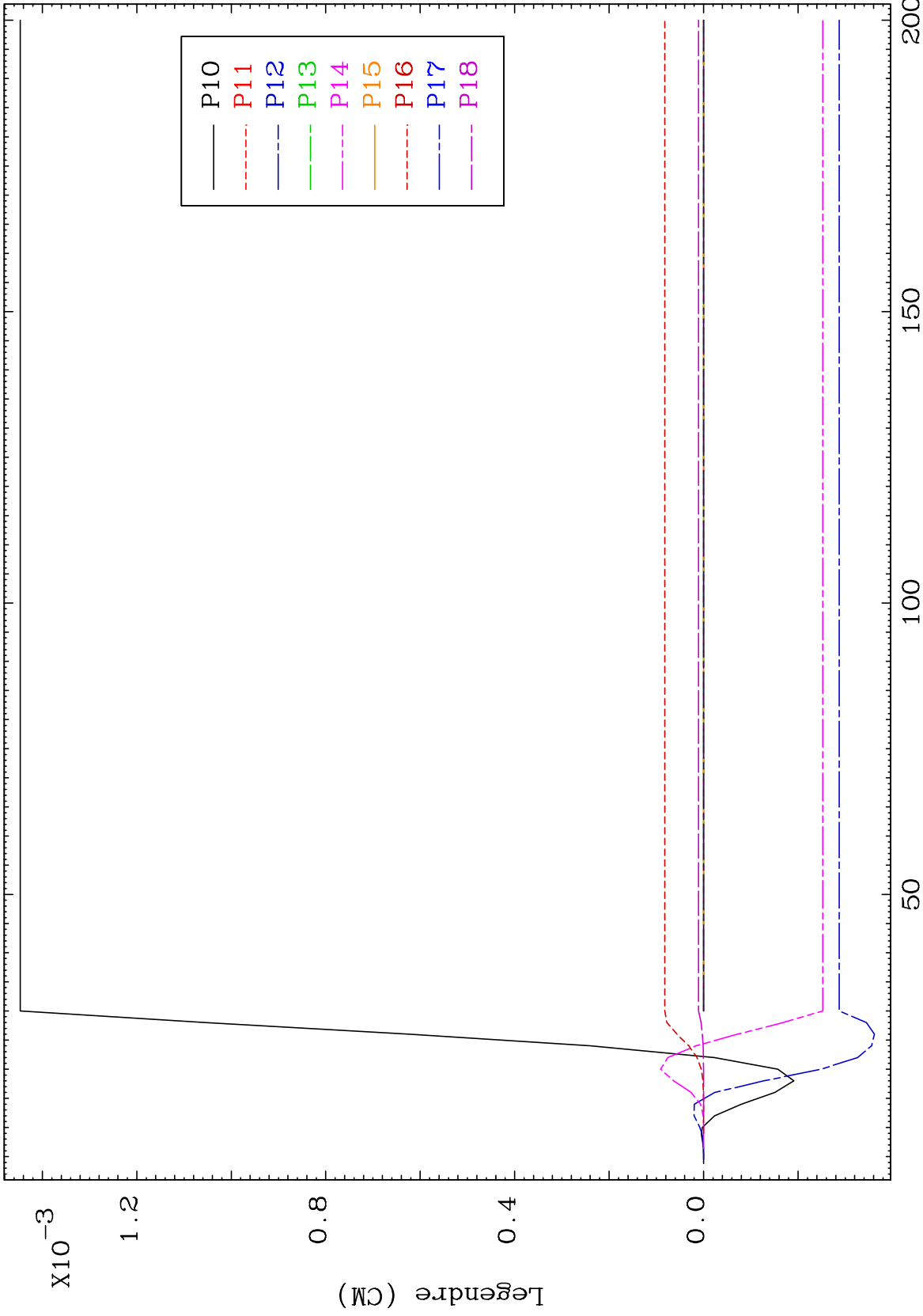


85 Incident Energy (MeV) 48-Cd-98

MAT 4801

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

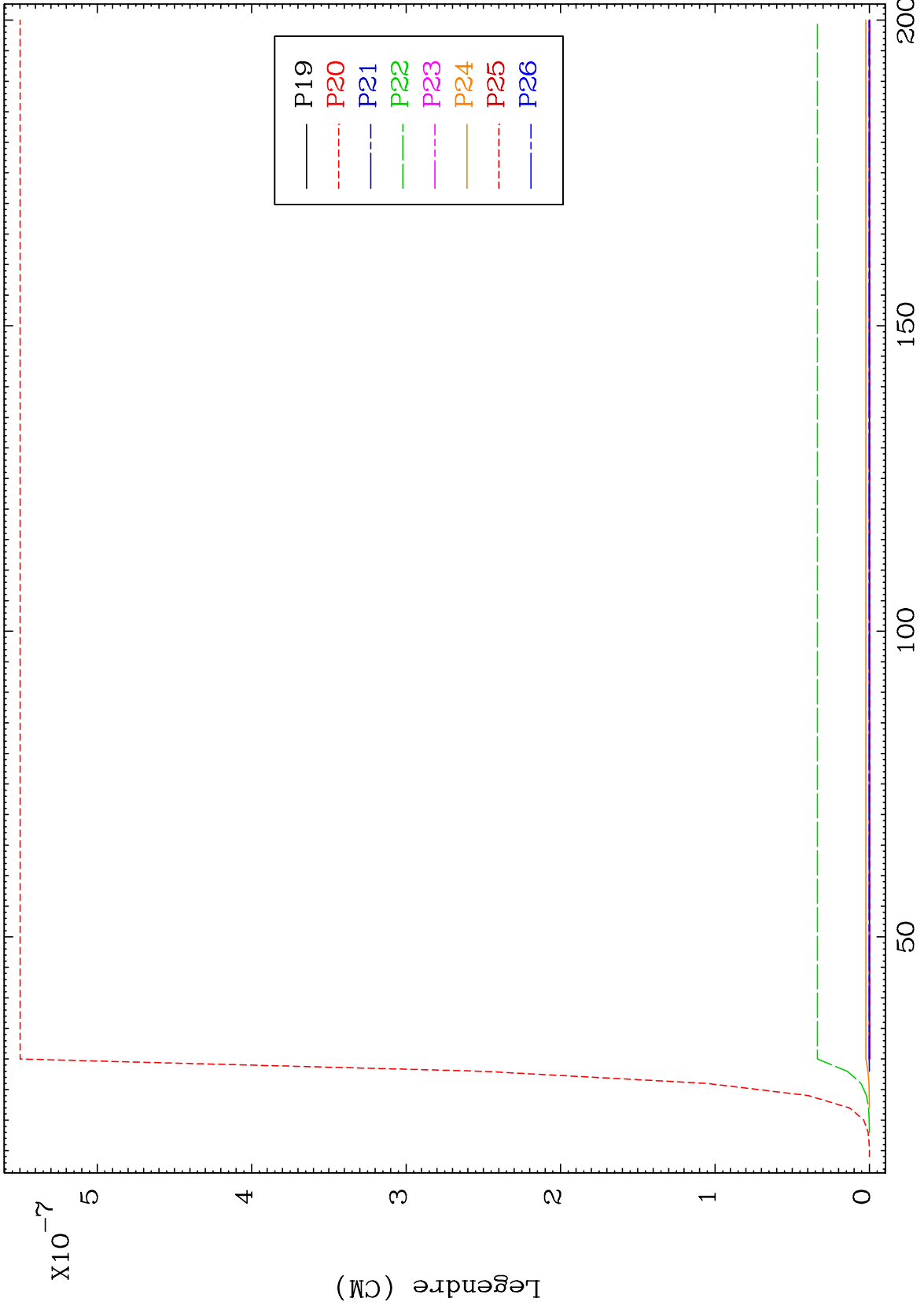
48-Cd-98



86

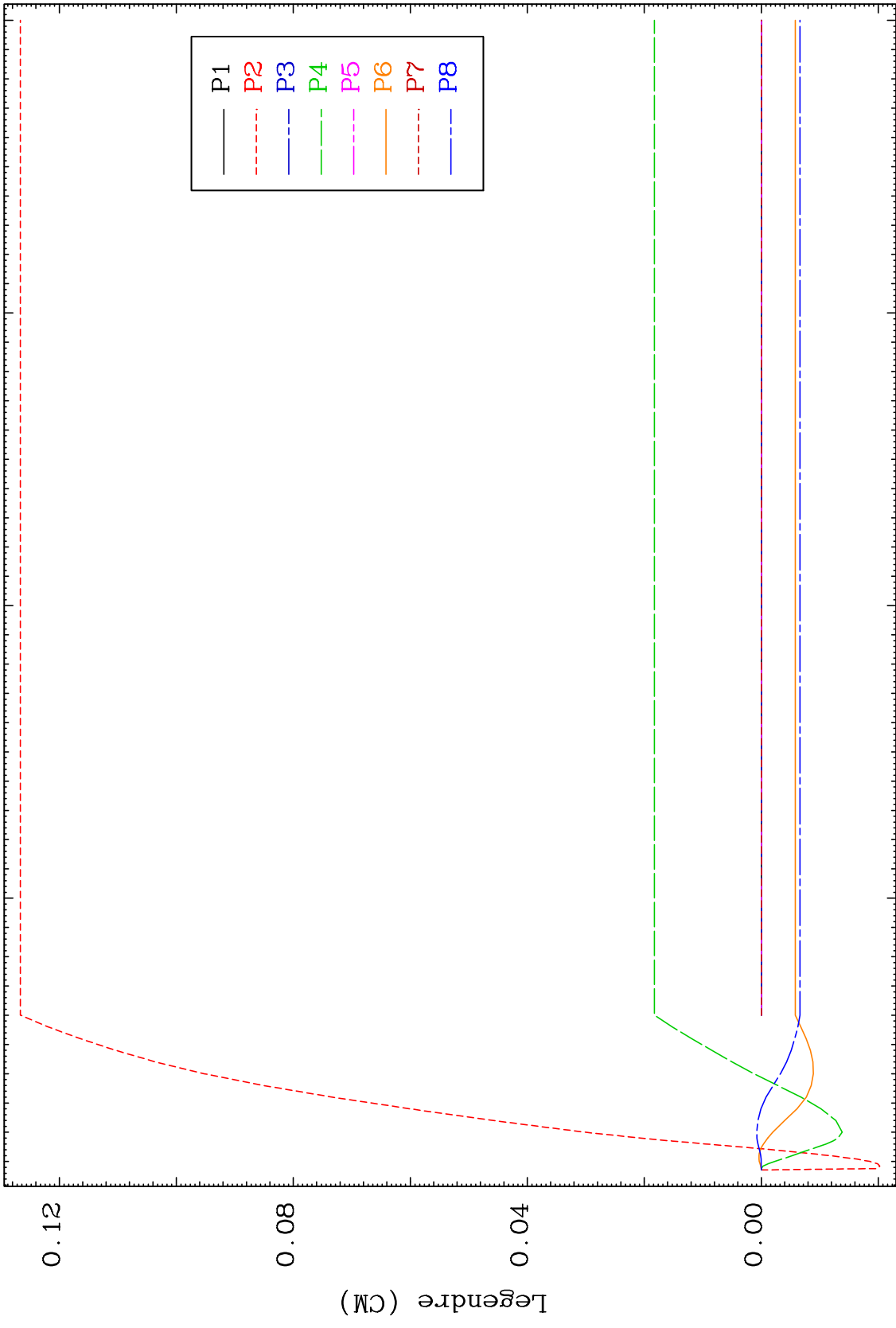
48-Cd-98

MAT 4801 MT= 70 (n,n') Level Legendre Coefficients 48-Cd-98

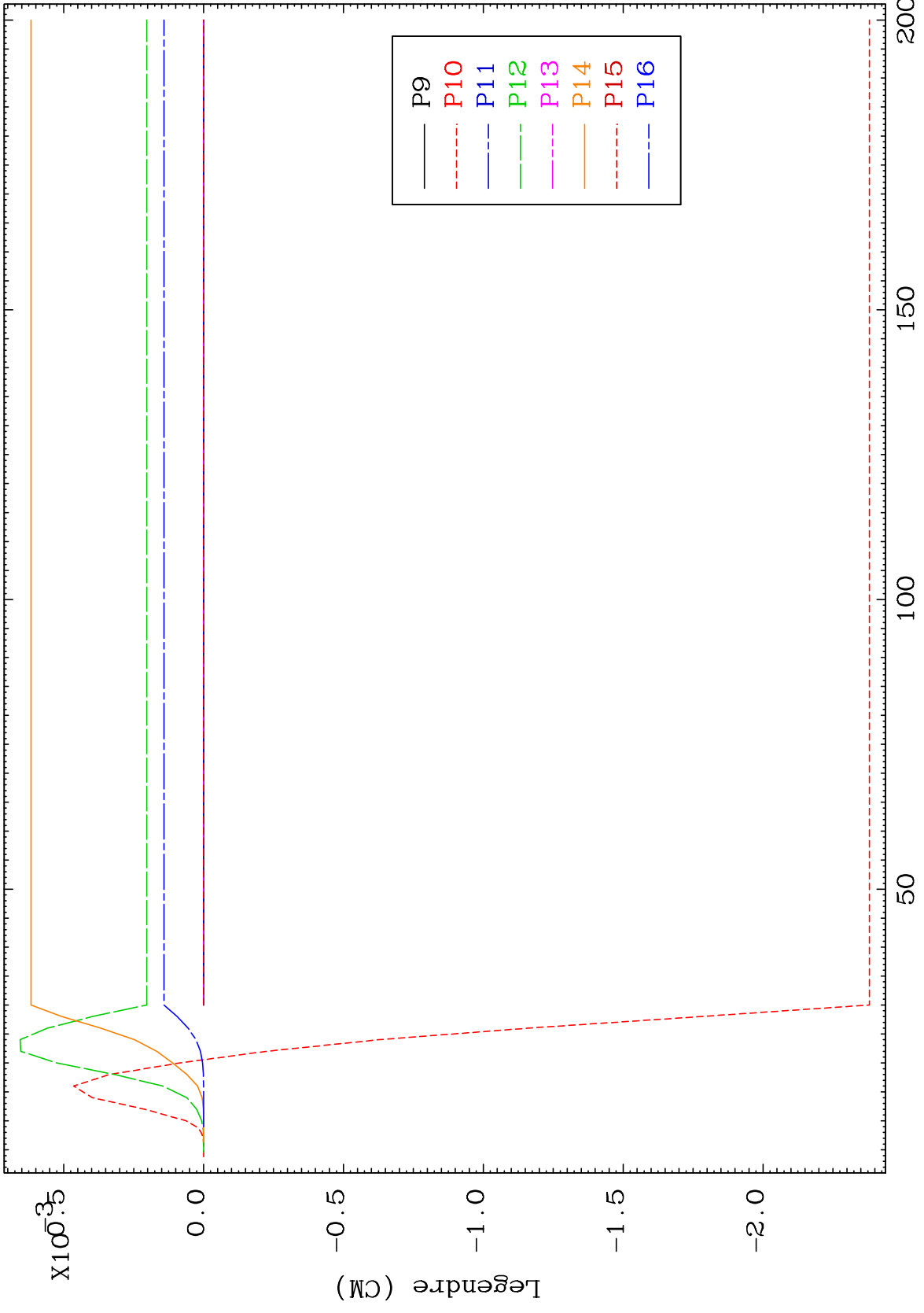


87 48-Cd-98

MAT 4801 MT= 71 (n,n') Level Legendre Coefficients 48-Cd-98



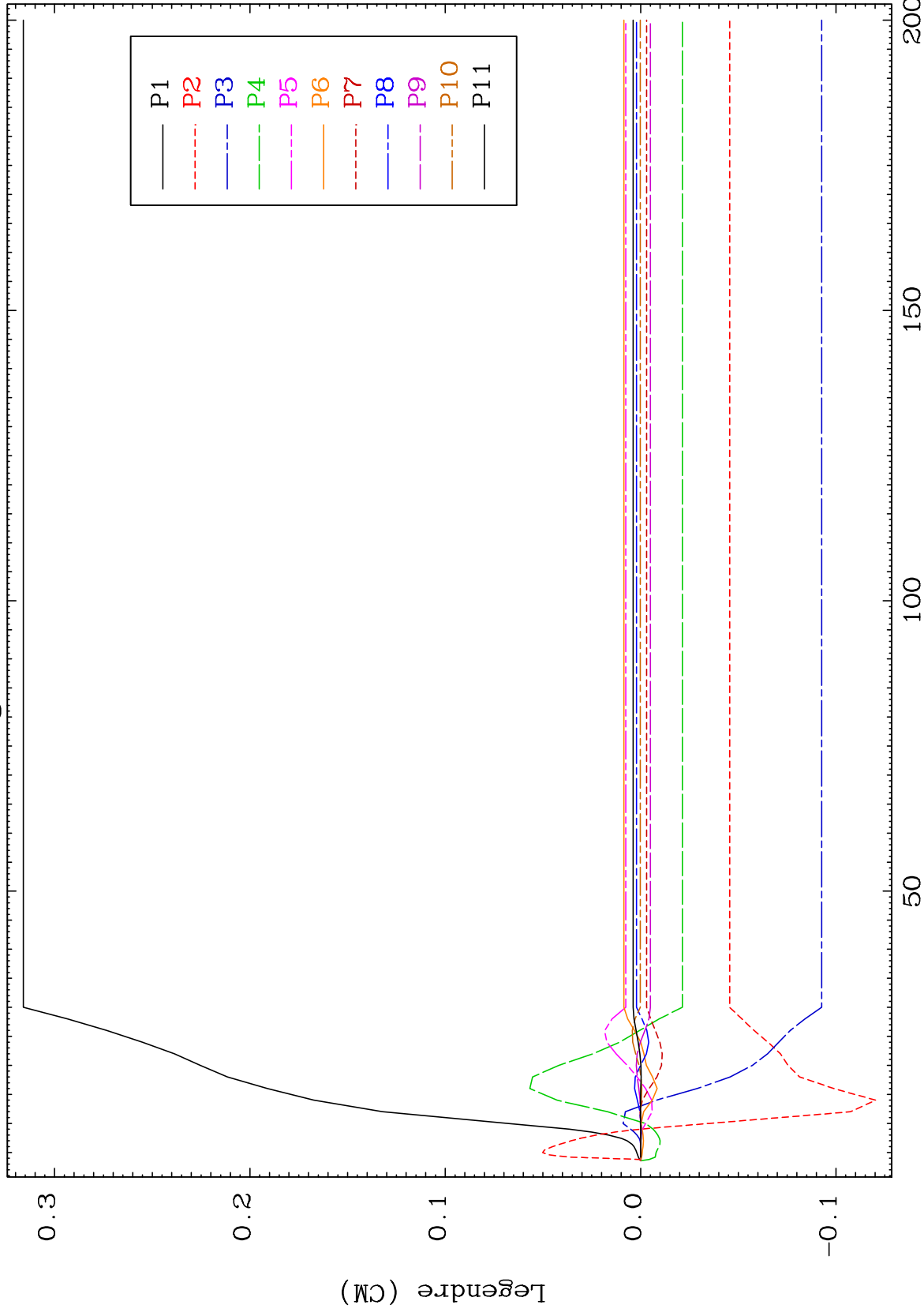
88 48-Cd-98



MAT 4801

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

48-Cd-98



91

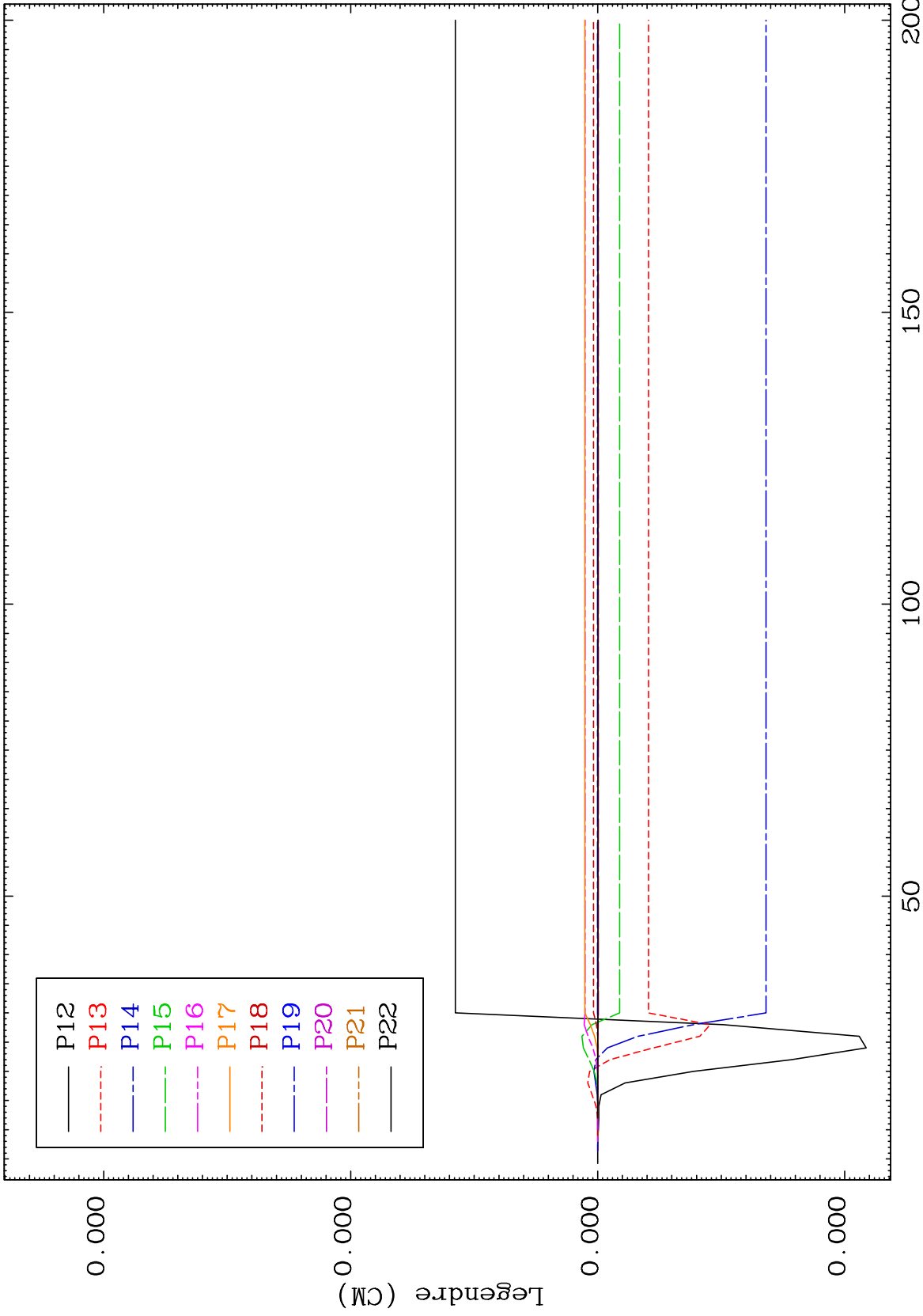
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98

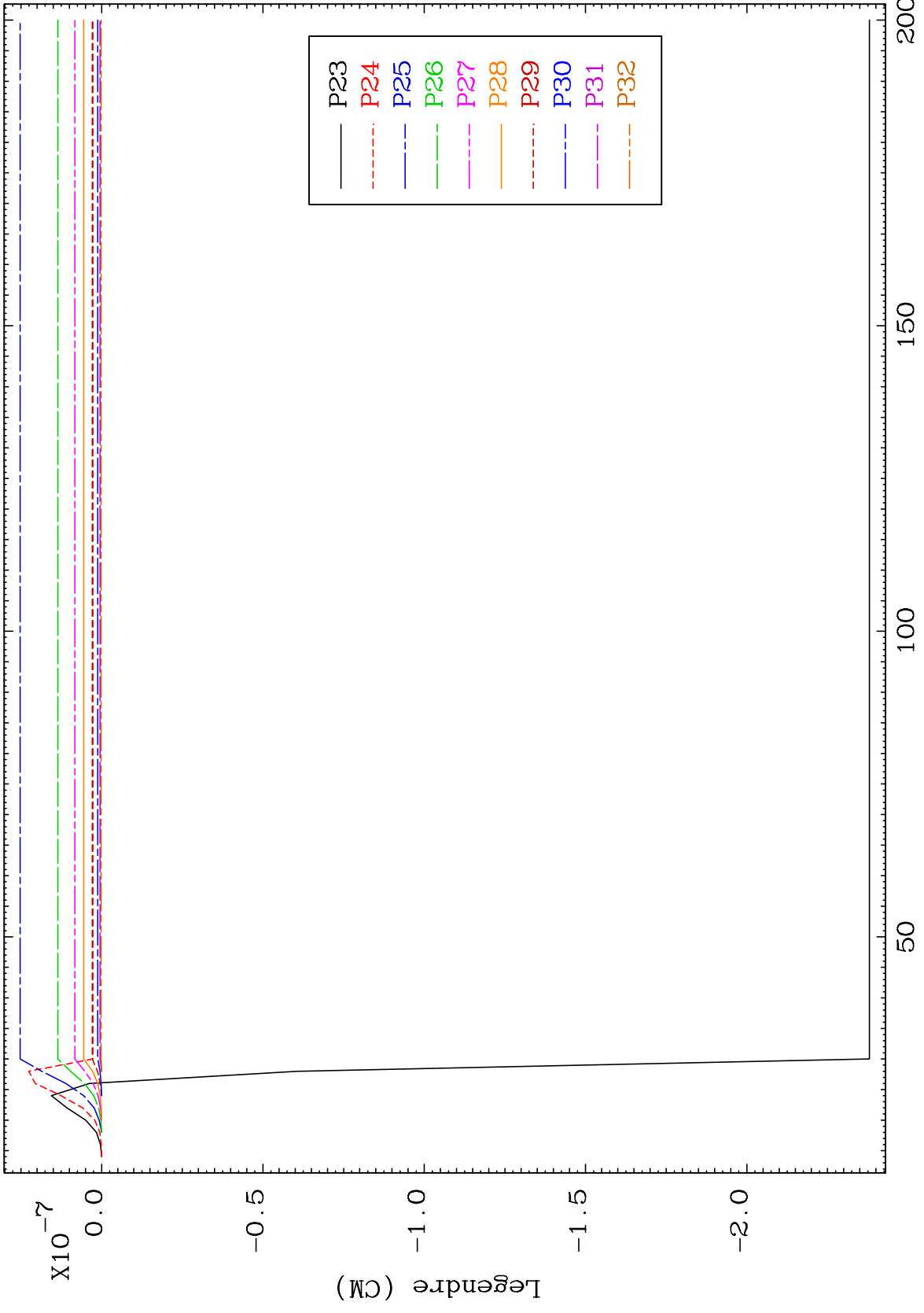


92

Incident Energy (MeV)

48-Cd-98

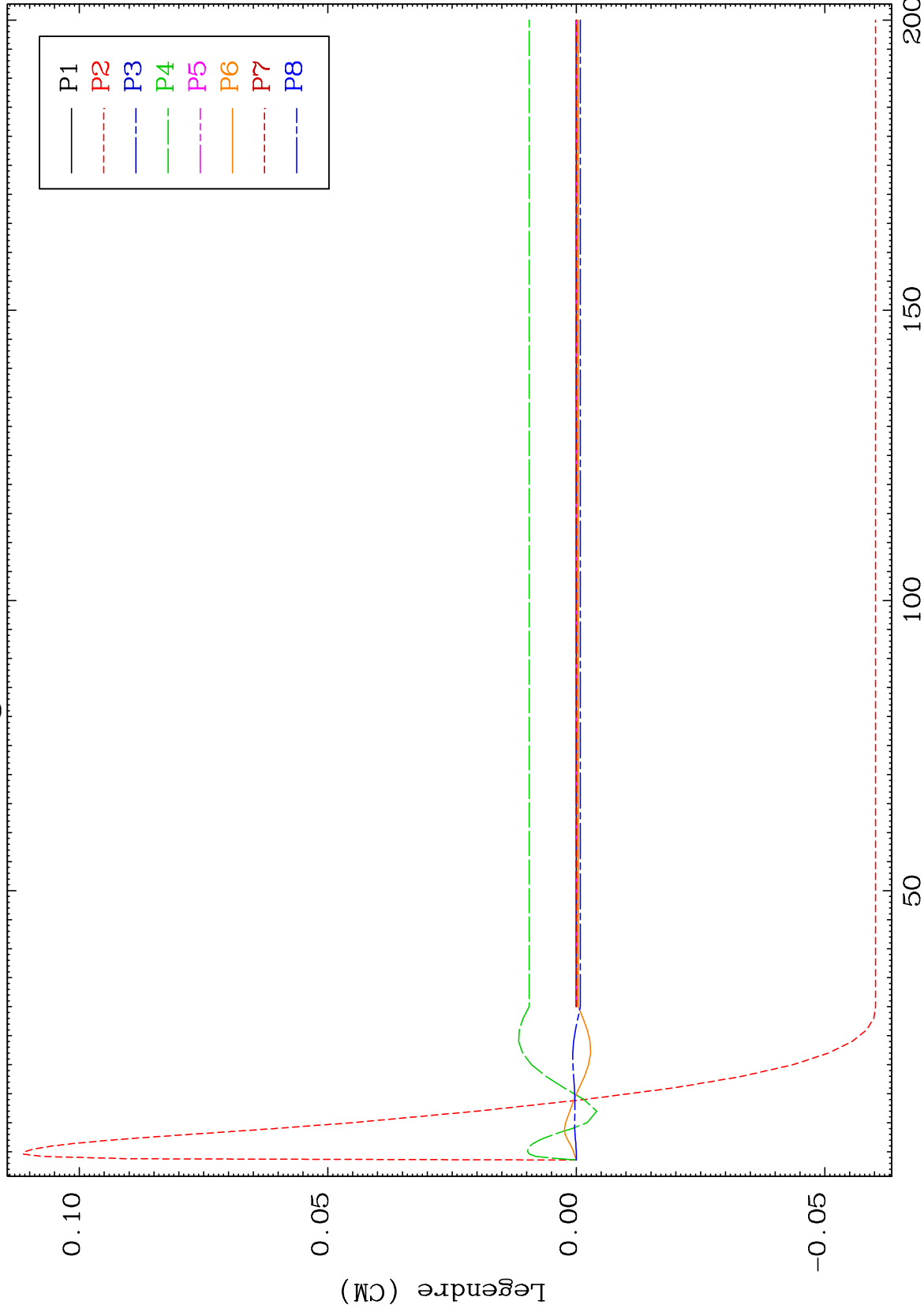
MAT 4801 MT= 72 (n,n') Level Legendre Coefficients 48-Cd-98



MAT 4801

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

48-Cd-98



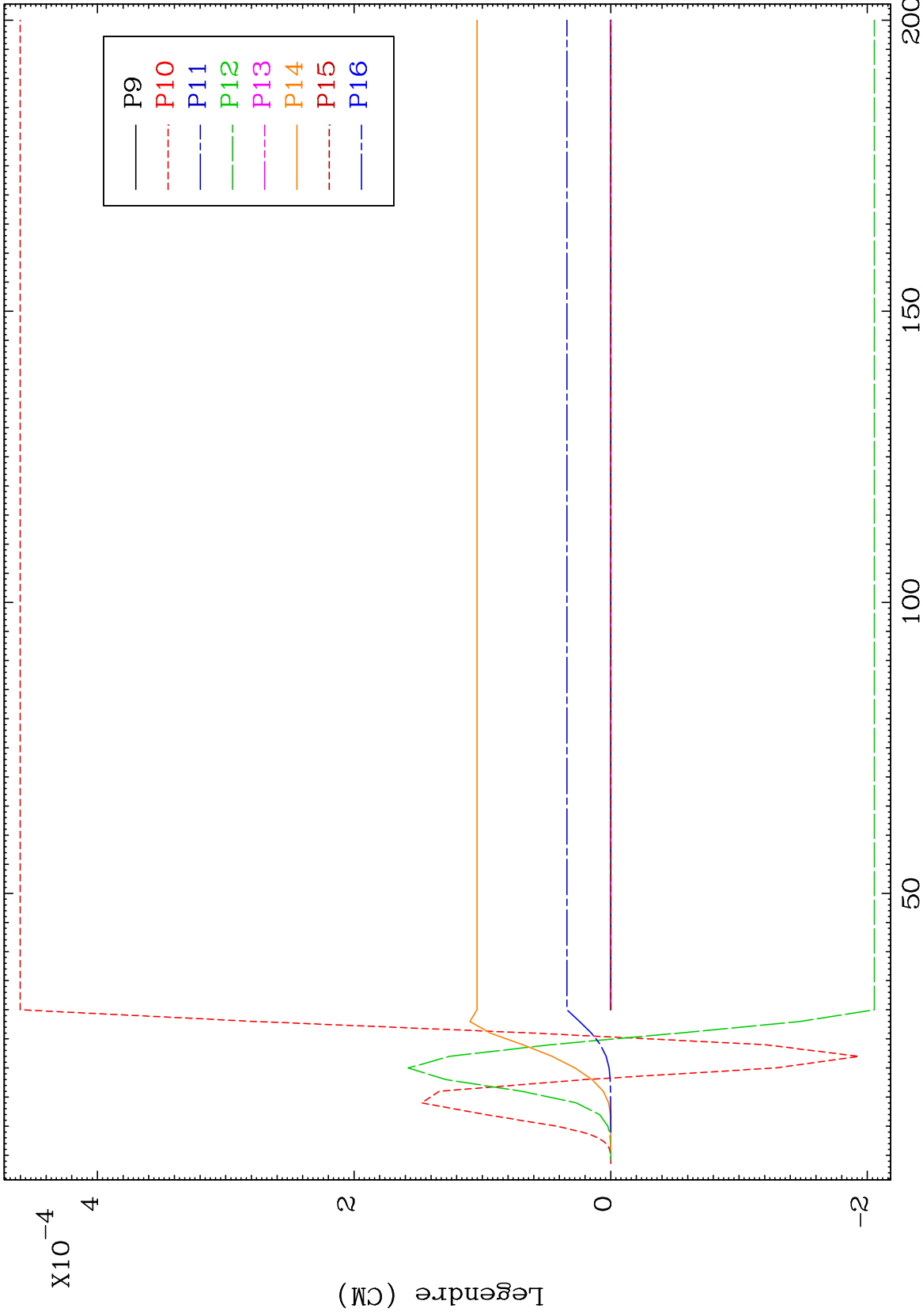
94

48-Cd-98

MAT 4801

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

48-Cd-98

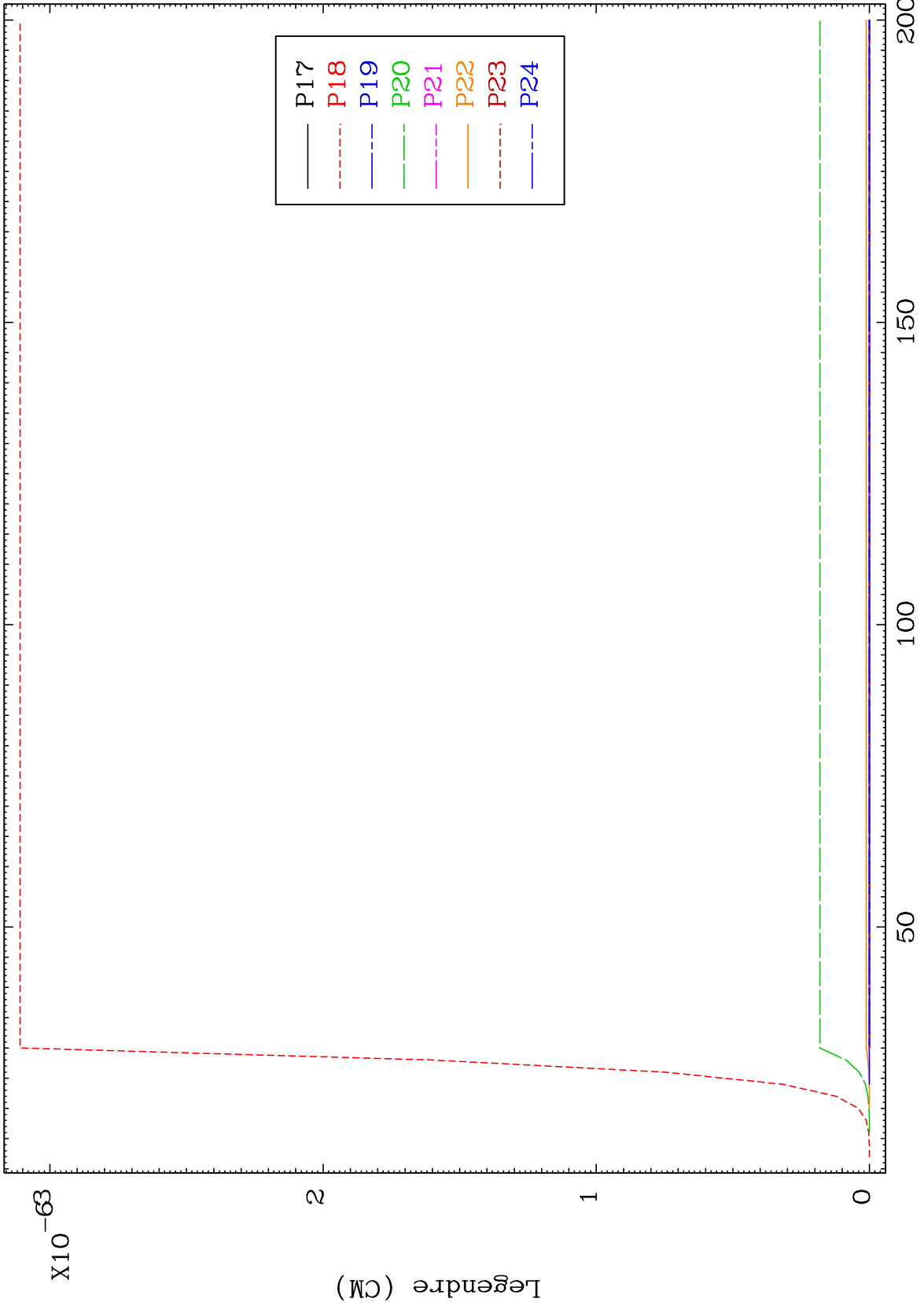


95

Incident Energy (MeV)

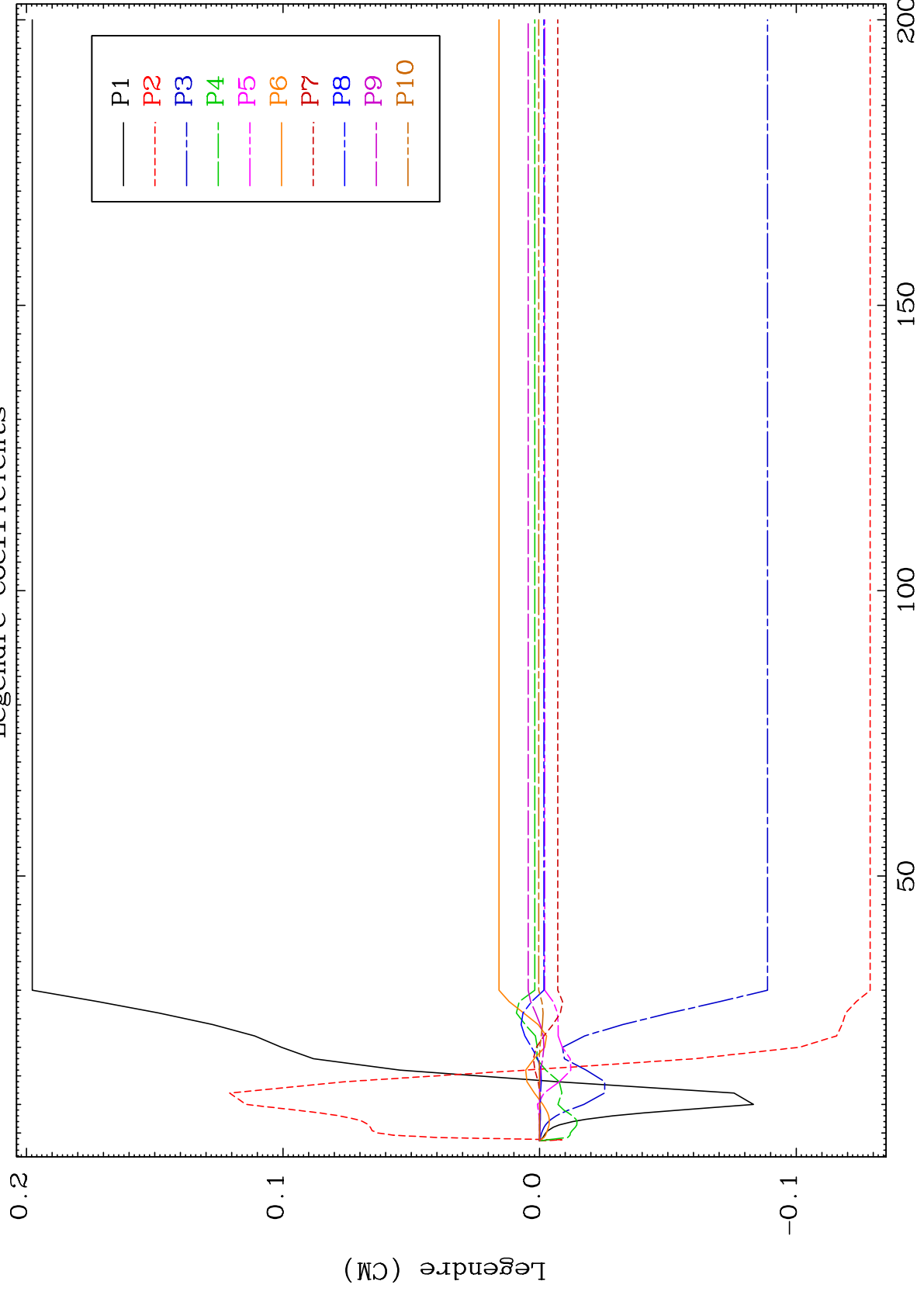
48-Cd-98

MAT 4801 MT= 73 (n,n') Level Legendre Coefficients 48-Cd-98



96 Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 74 (n,n') Level Legendre Coefficients 48-Cd-98

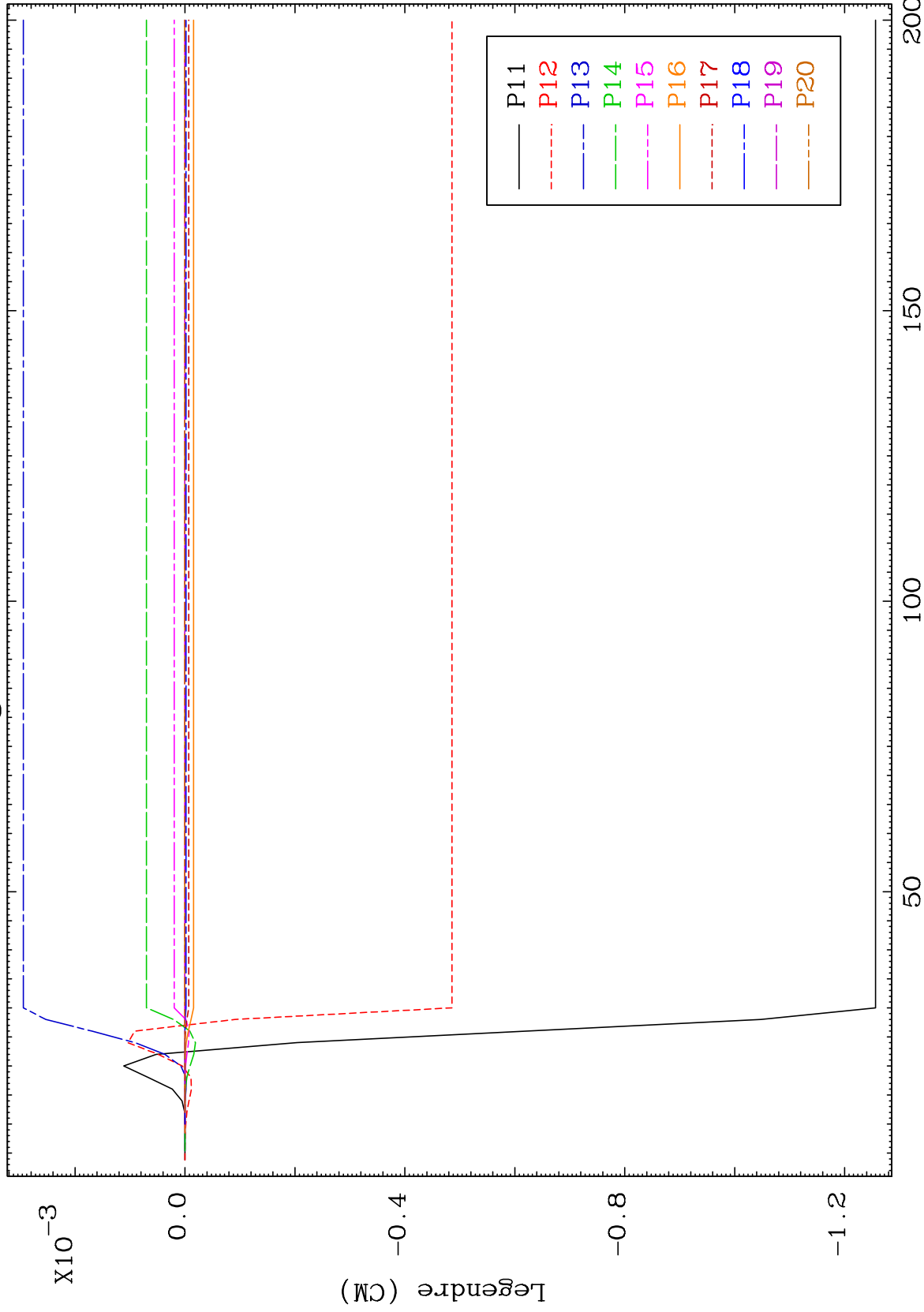


97 48-Cd-98

MAT 4801

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

48-Cd-98

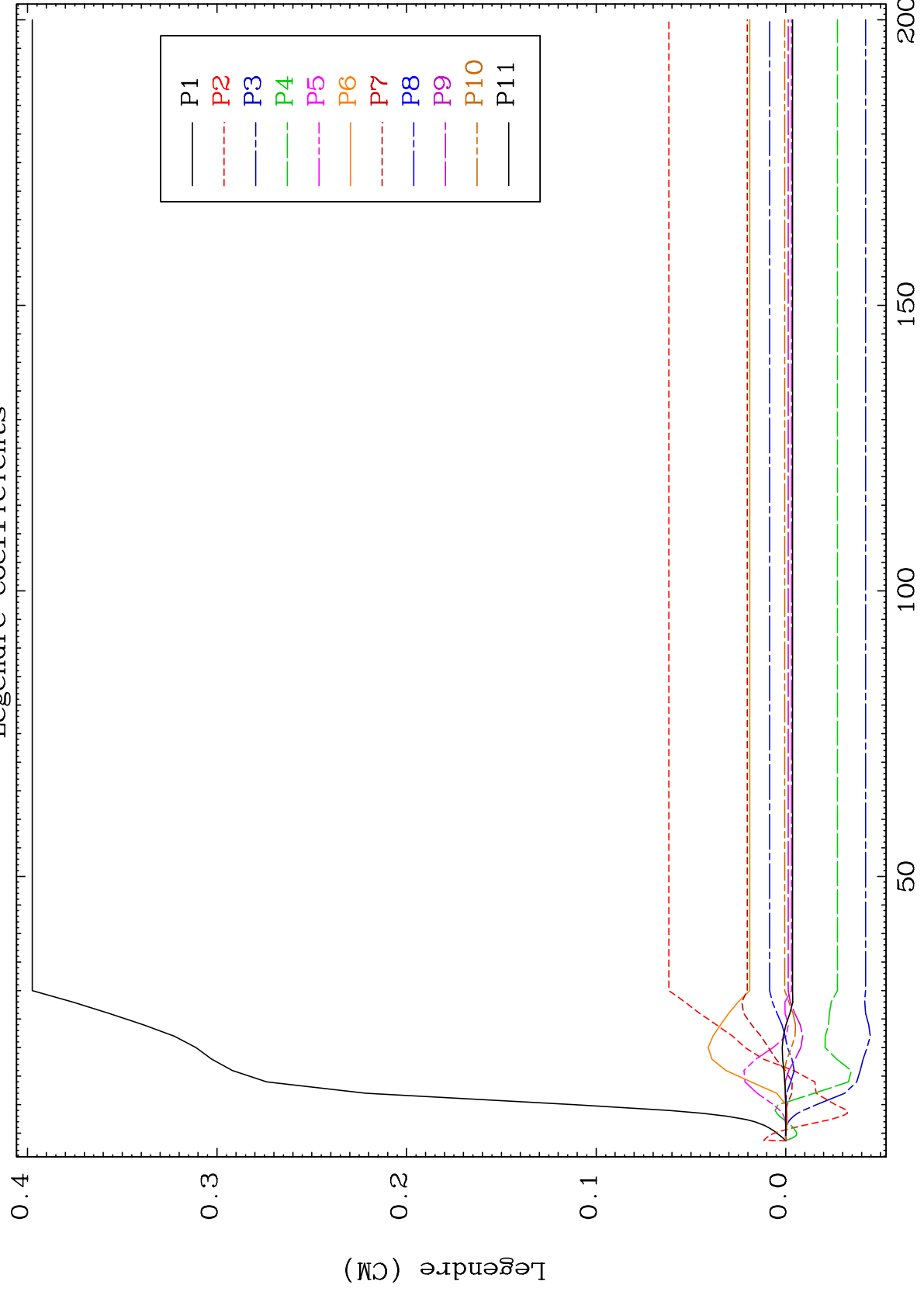


98

Incident Energy (MeV)

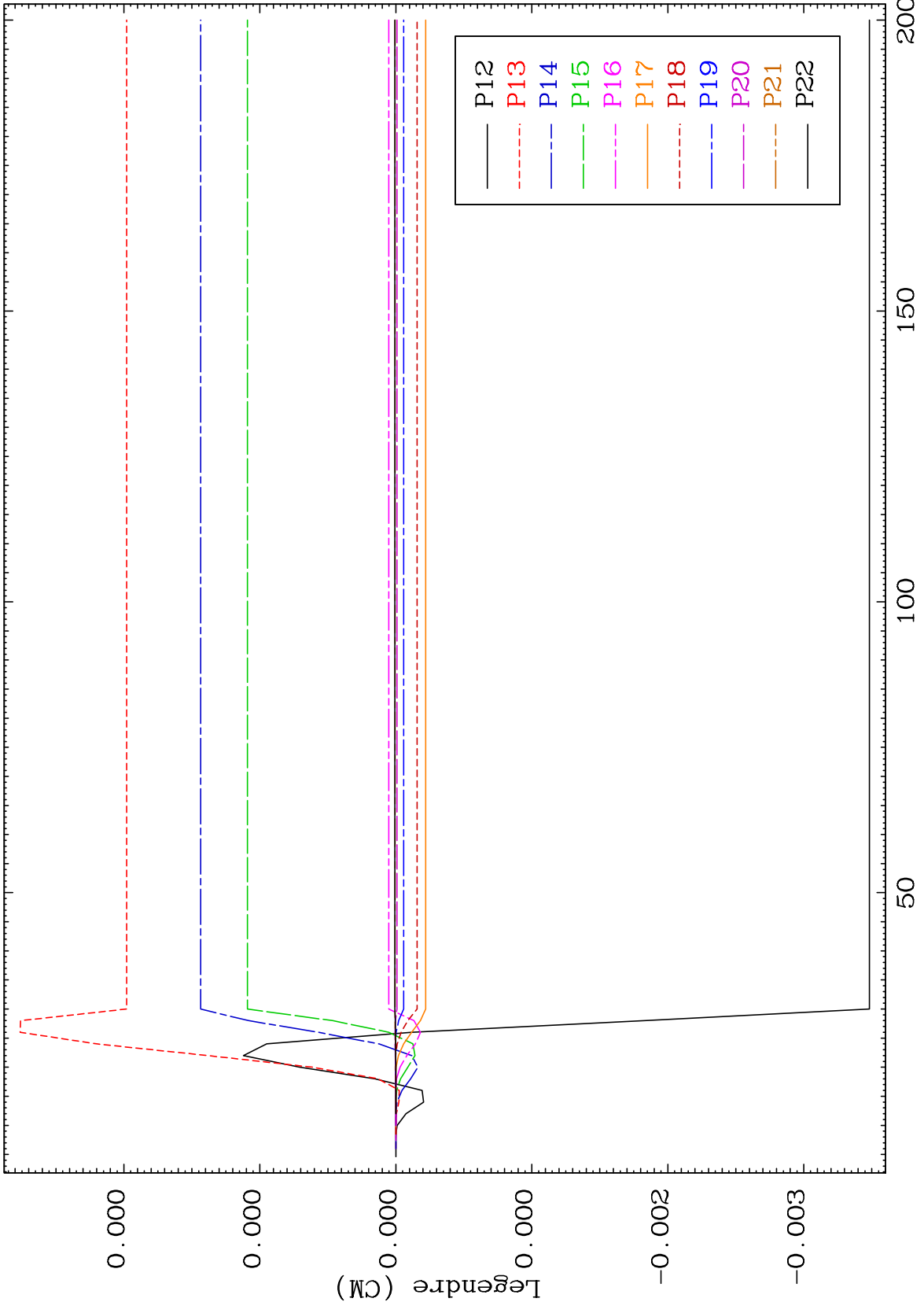
48-Cd-98

MAT 4801 MT= 75 (n,n') Level Legendre Coefficients 48-Cd-98



48-Cd-98

MAT 4801 MT= 75 (n,n') Level Legendre Coefficients 48-Cd-98

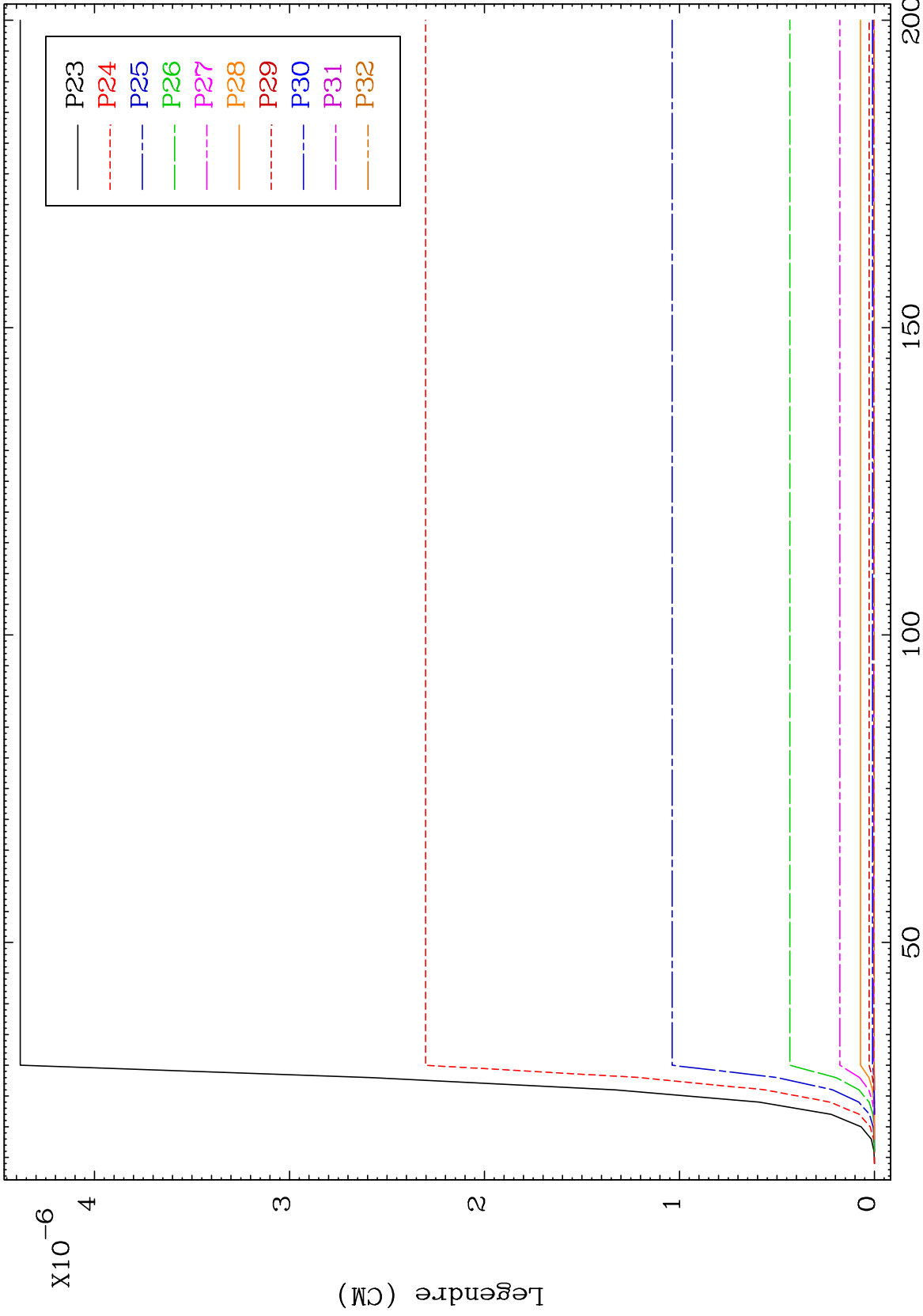


101 48-Cd-98

MAT 4801

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

48-Cd-98

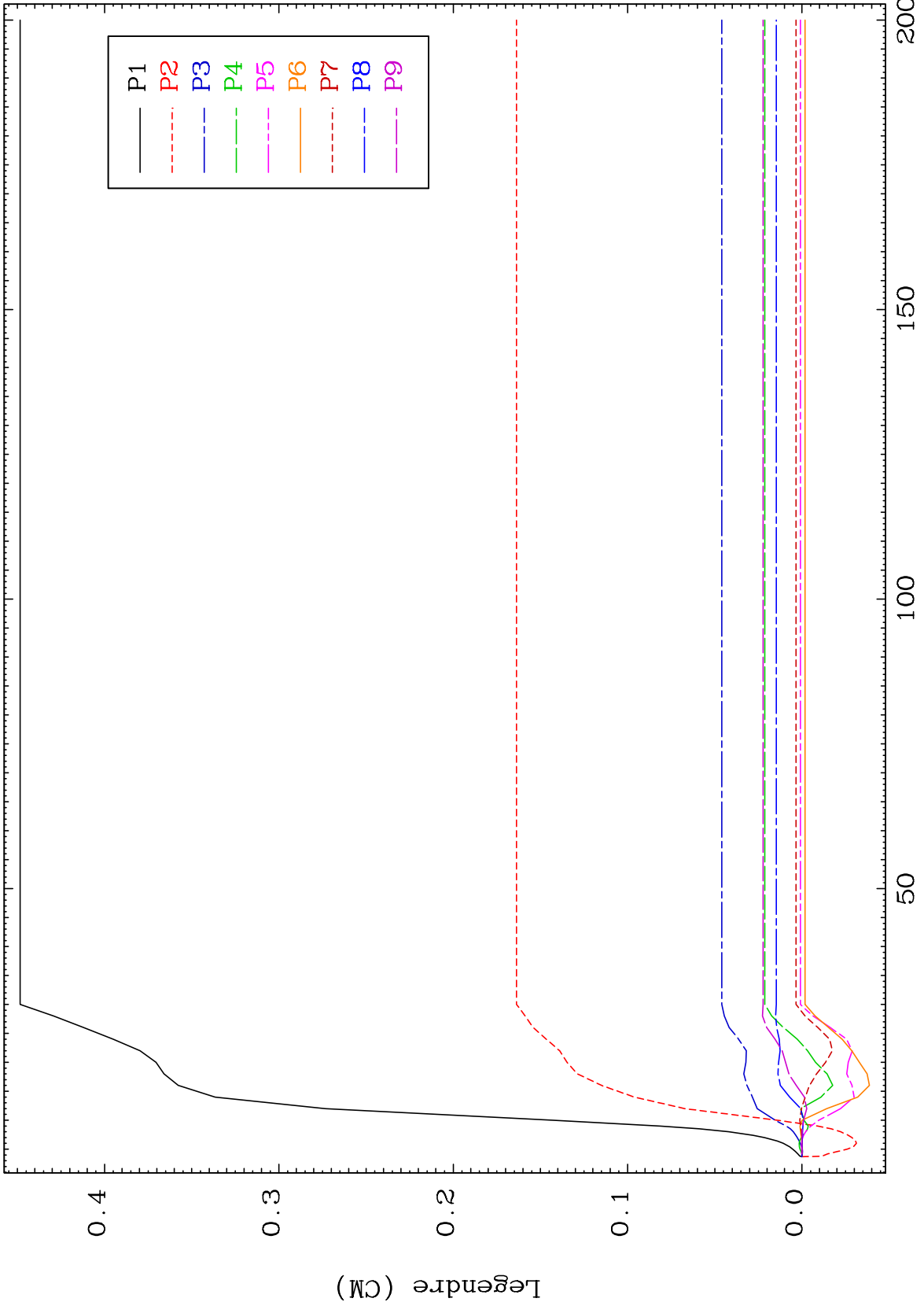


102

Incident Energy (MeV)

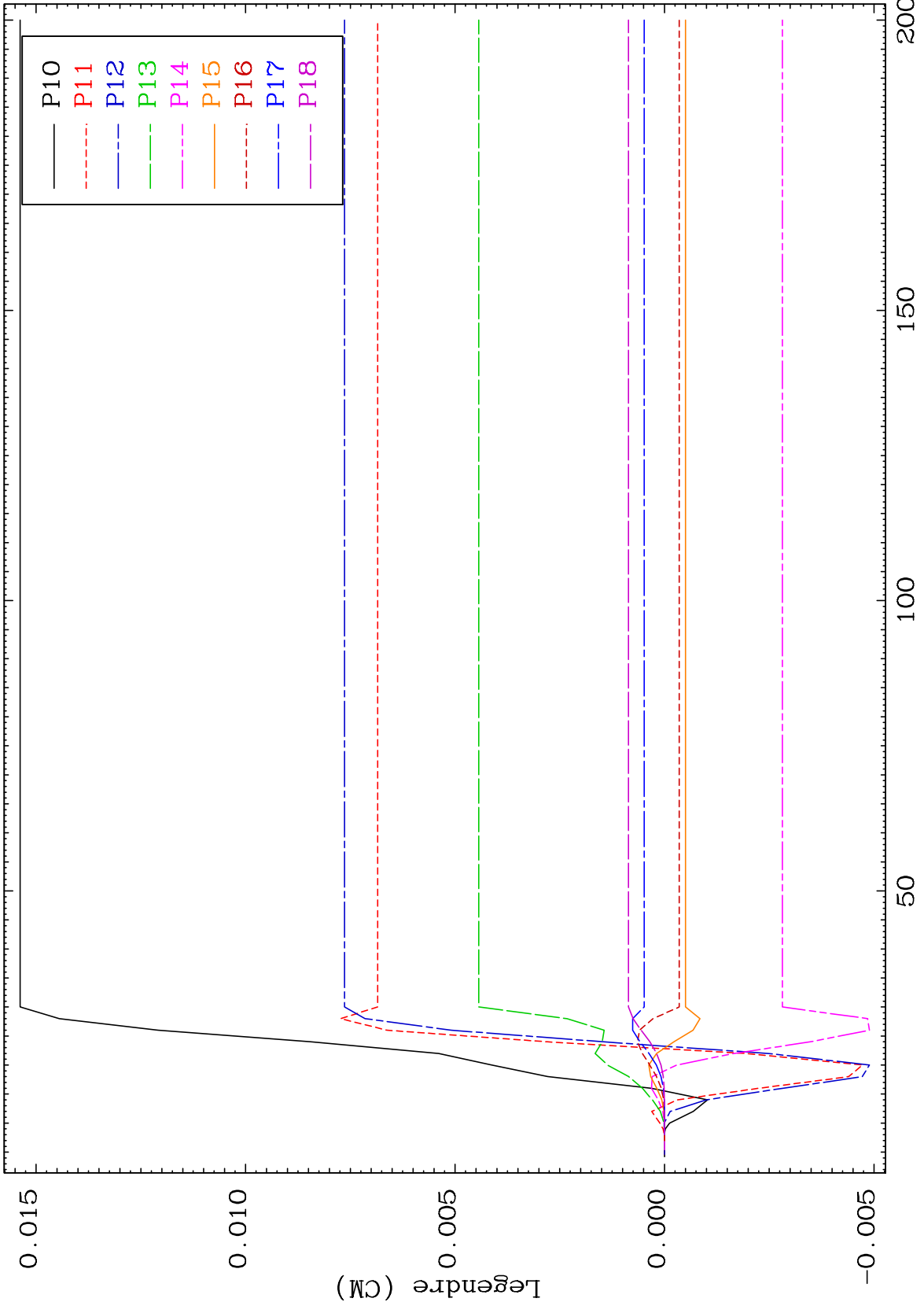
48-Cd-98

MAT 4801 MT= 76 (n,n') Level Legendre Coefficients 48-Cd-98



Legendre (CM) Incident Energy (MeV) 48-Cd-98

MAT 4801 MT= 76 (n,n') Level Legendre Coefficients 48-Cd-98

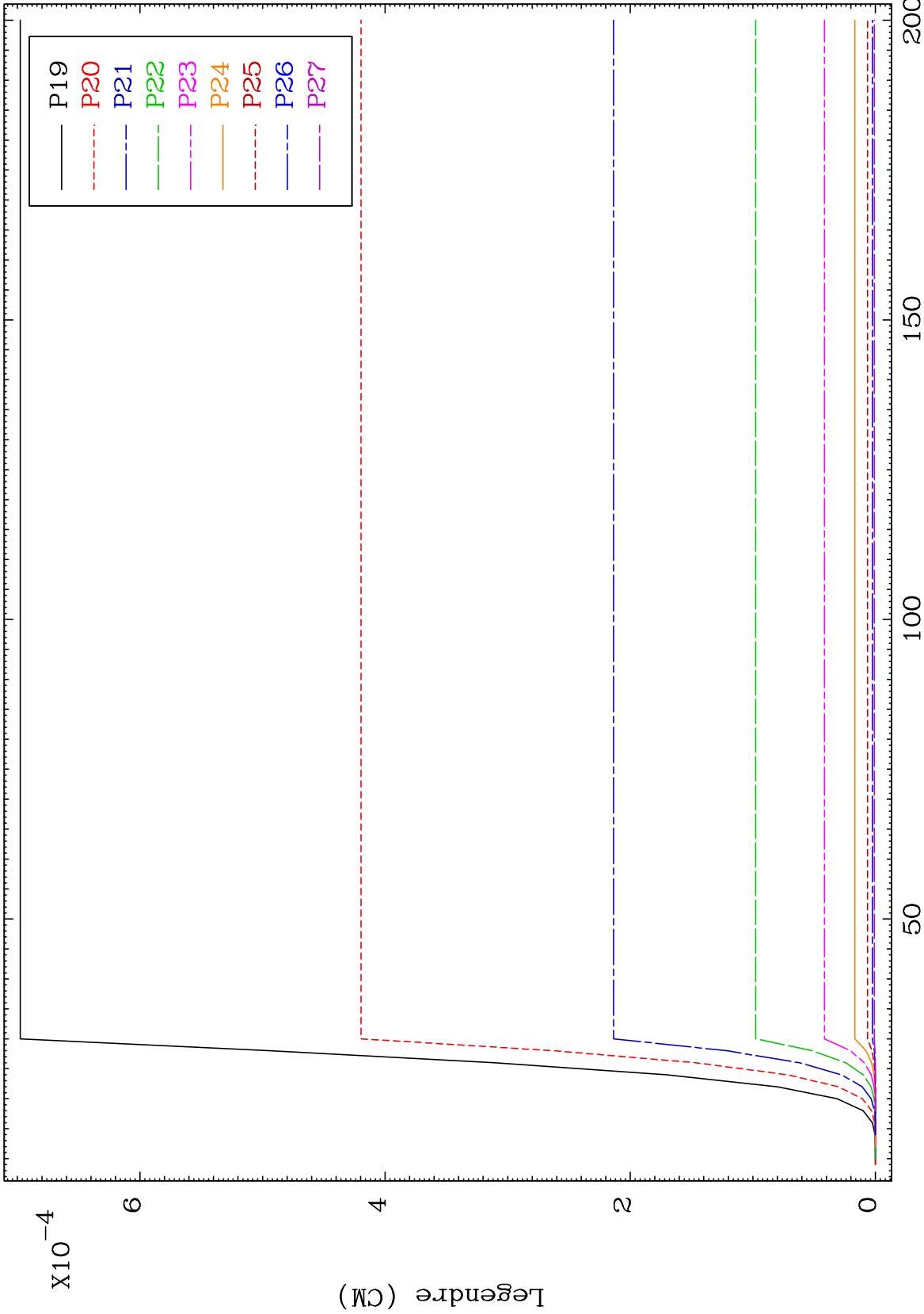


104 48-Cd-98

MAT 4801

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

48-Cd-98



105

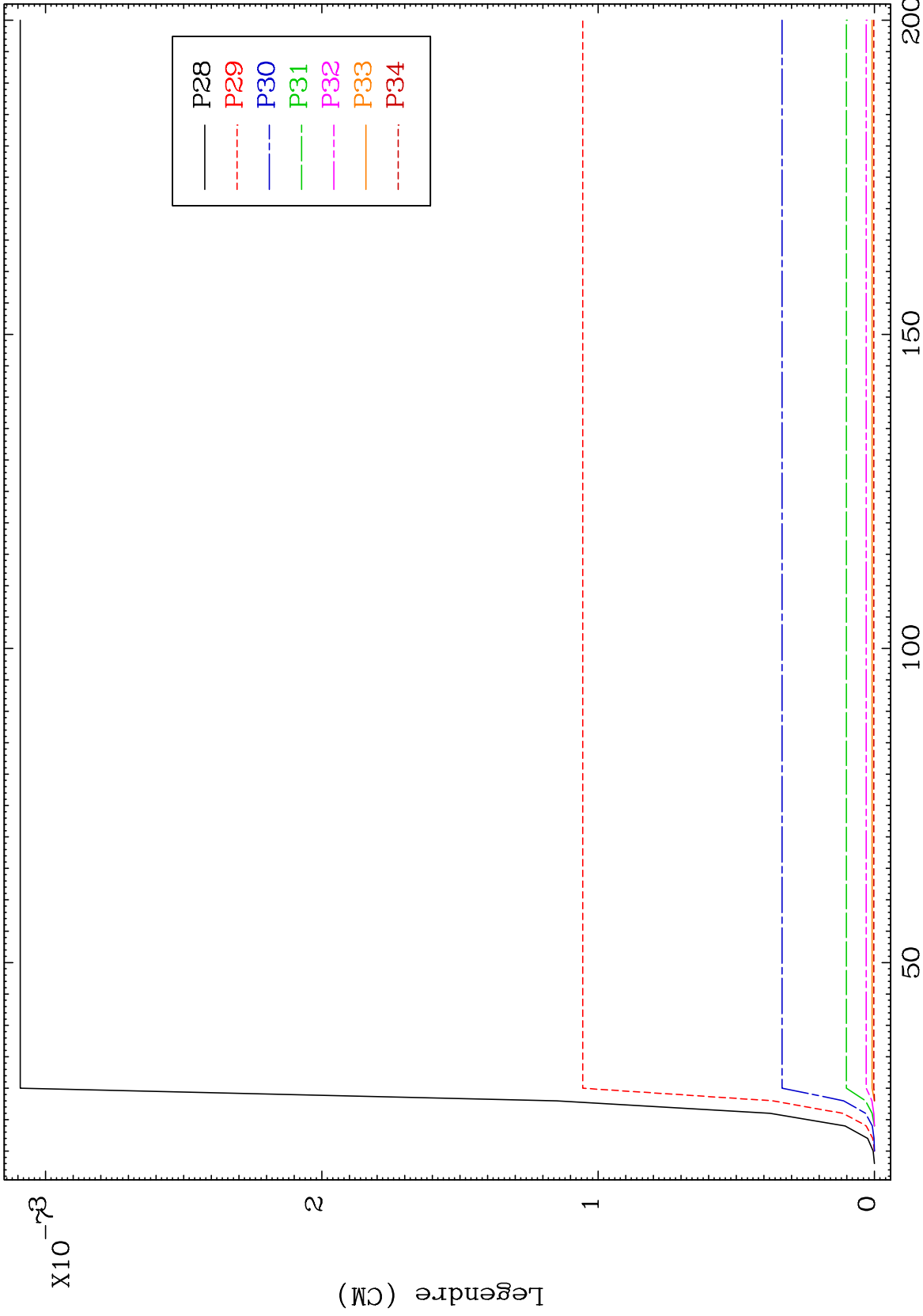
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



106

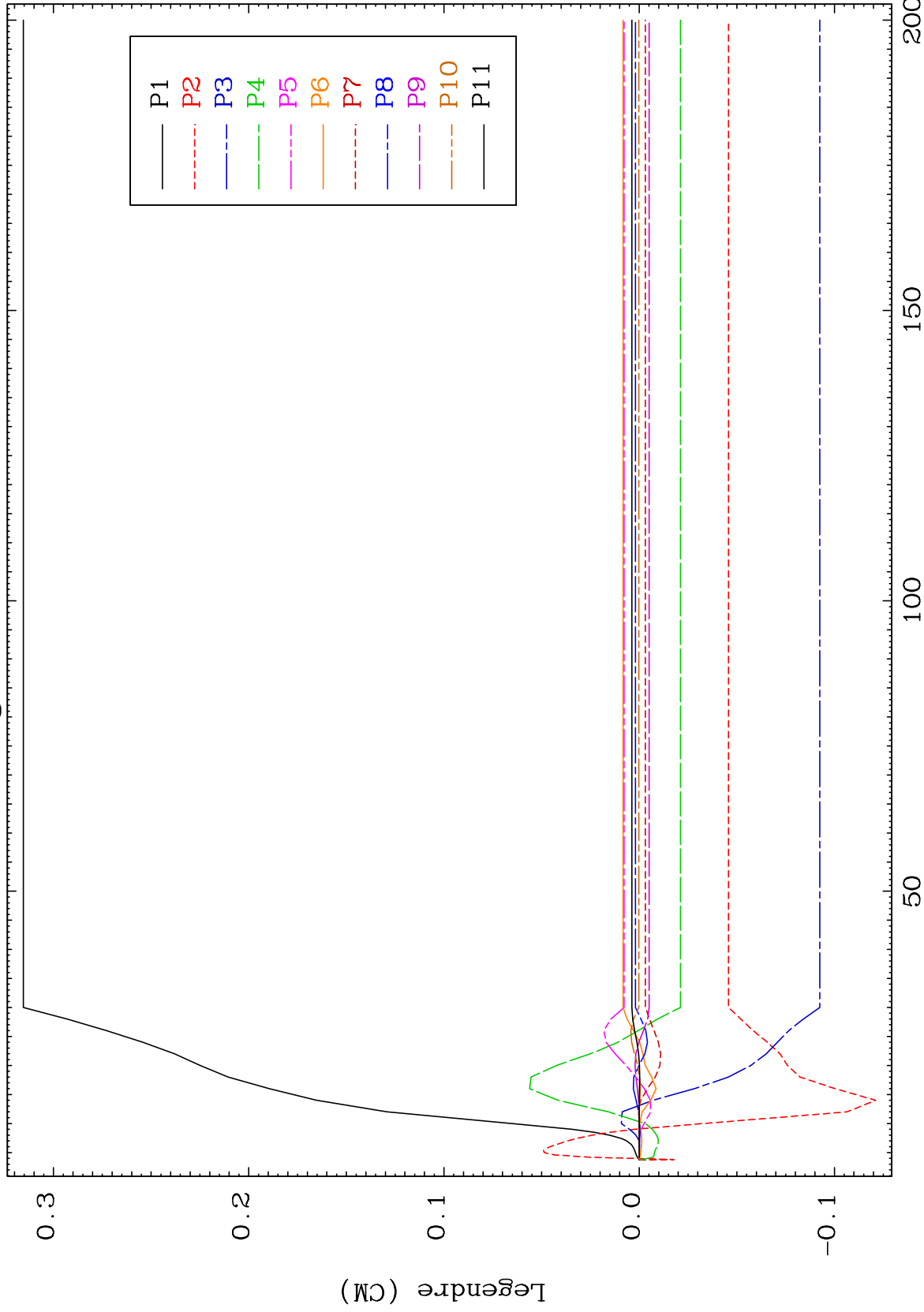
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

48-Cd-98



107

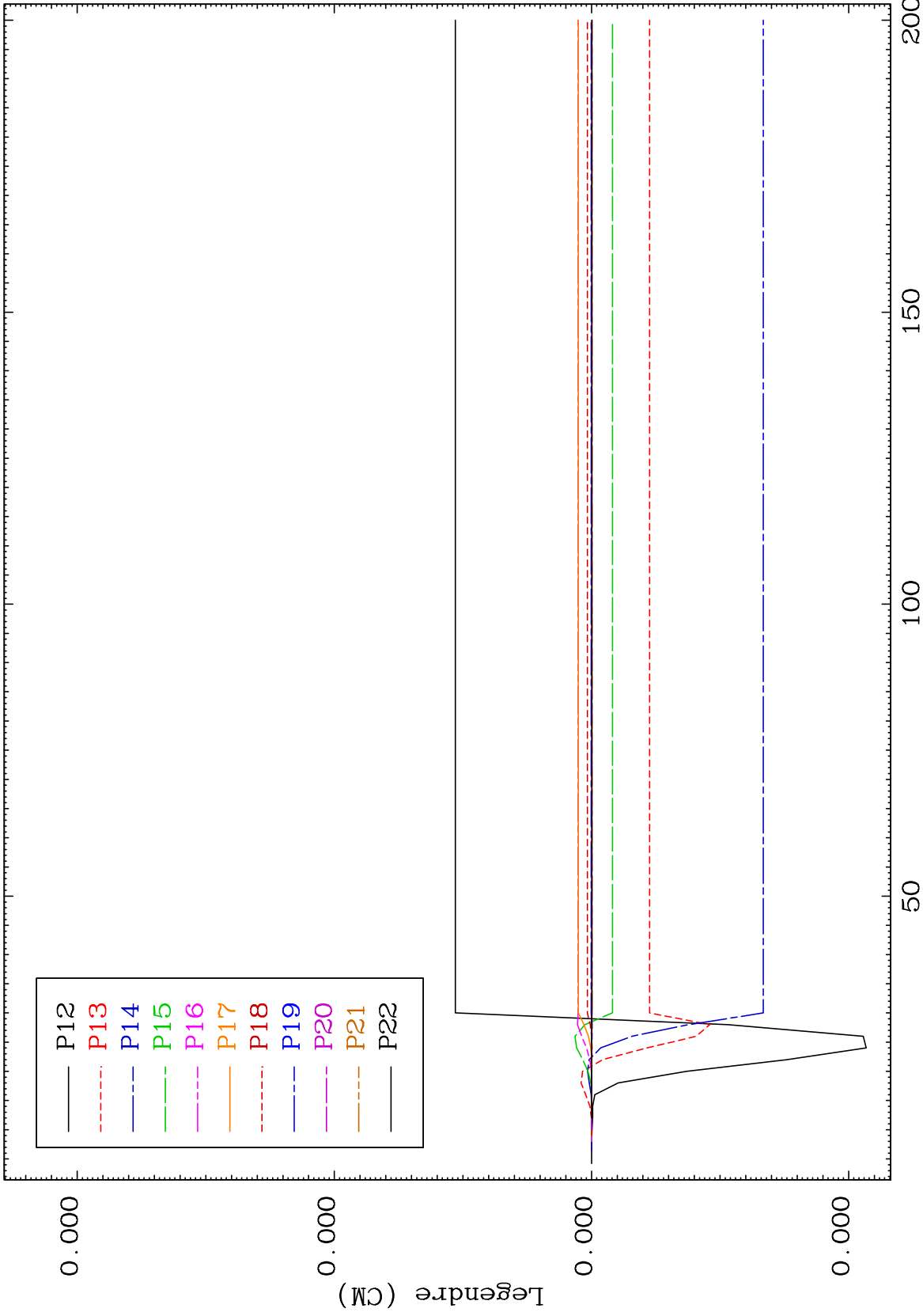
Incident Energy (MeV)

48-Cd-98

MAT 4801

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

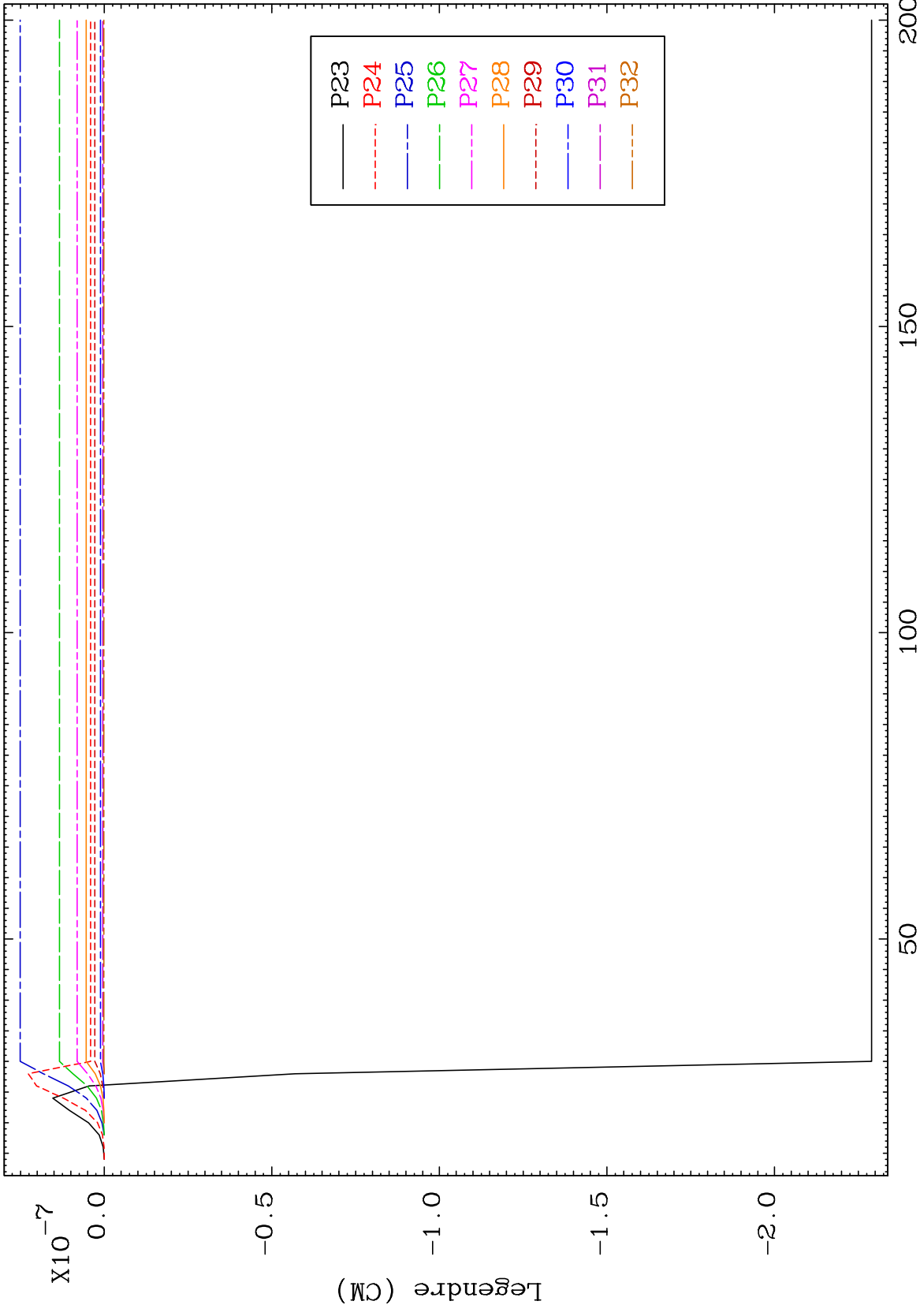
48-Cd-98



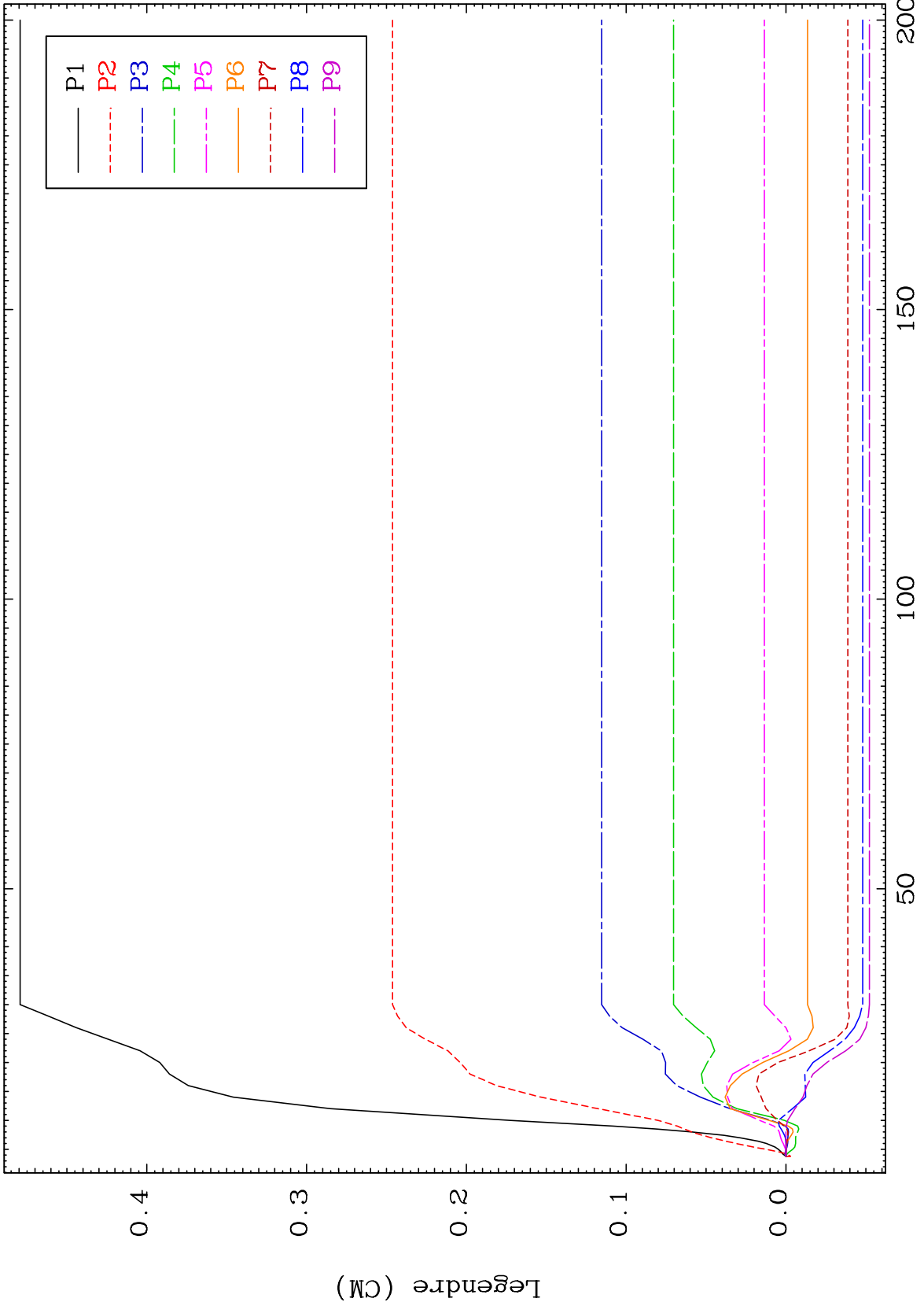
108

48-Cd-98

MAT 4801 MT= 77 (n,n') Level Legendre Coefficients 48-Cd-98



MAT 4801 MT= 78 (n,n') Level Legendre Coefficients 48-Cd-98

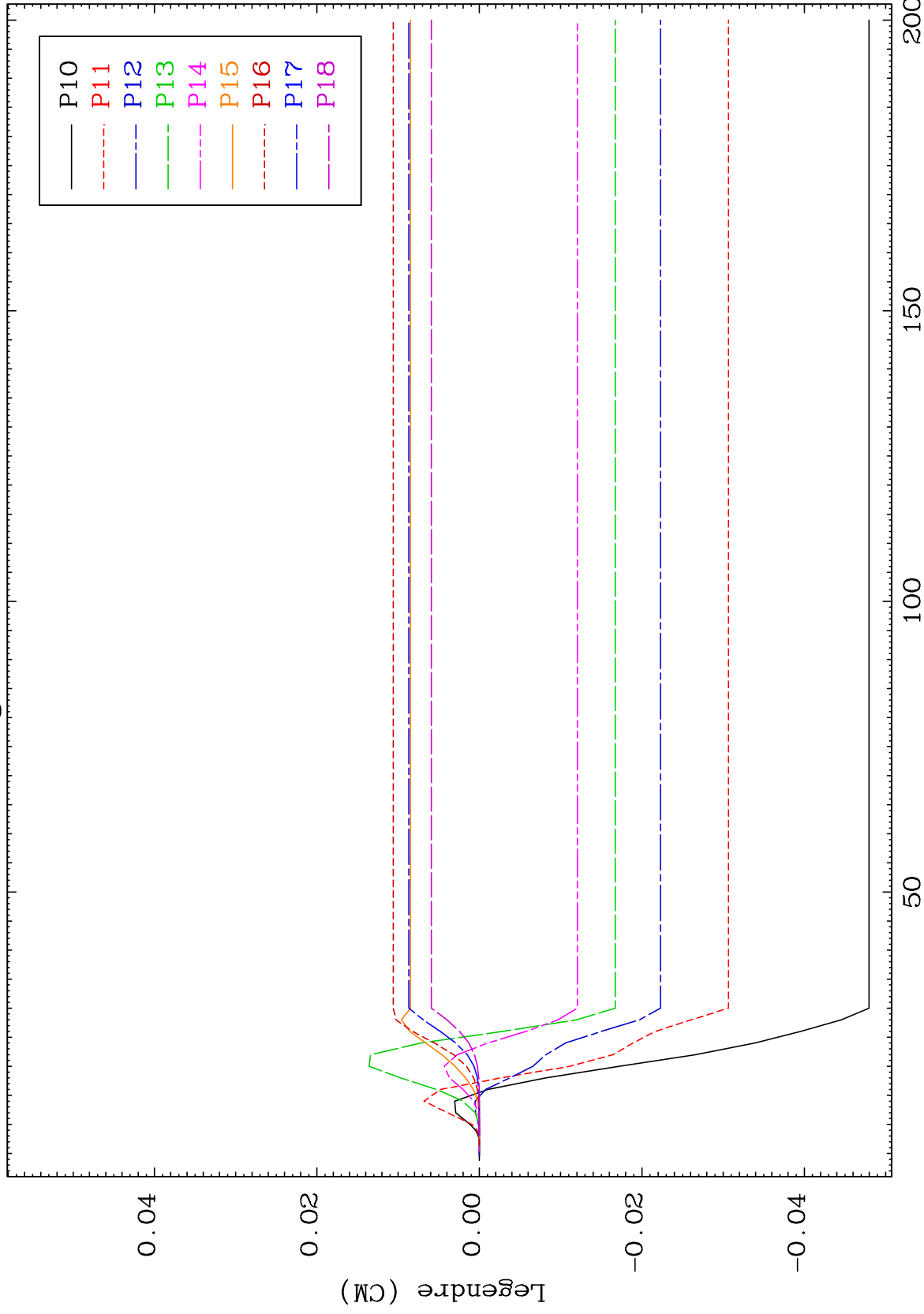


110 Incident Energy (MeV) 48-Cd-98

MAT 4801

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

48-Cd-98

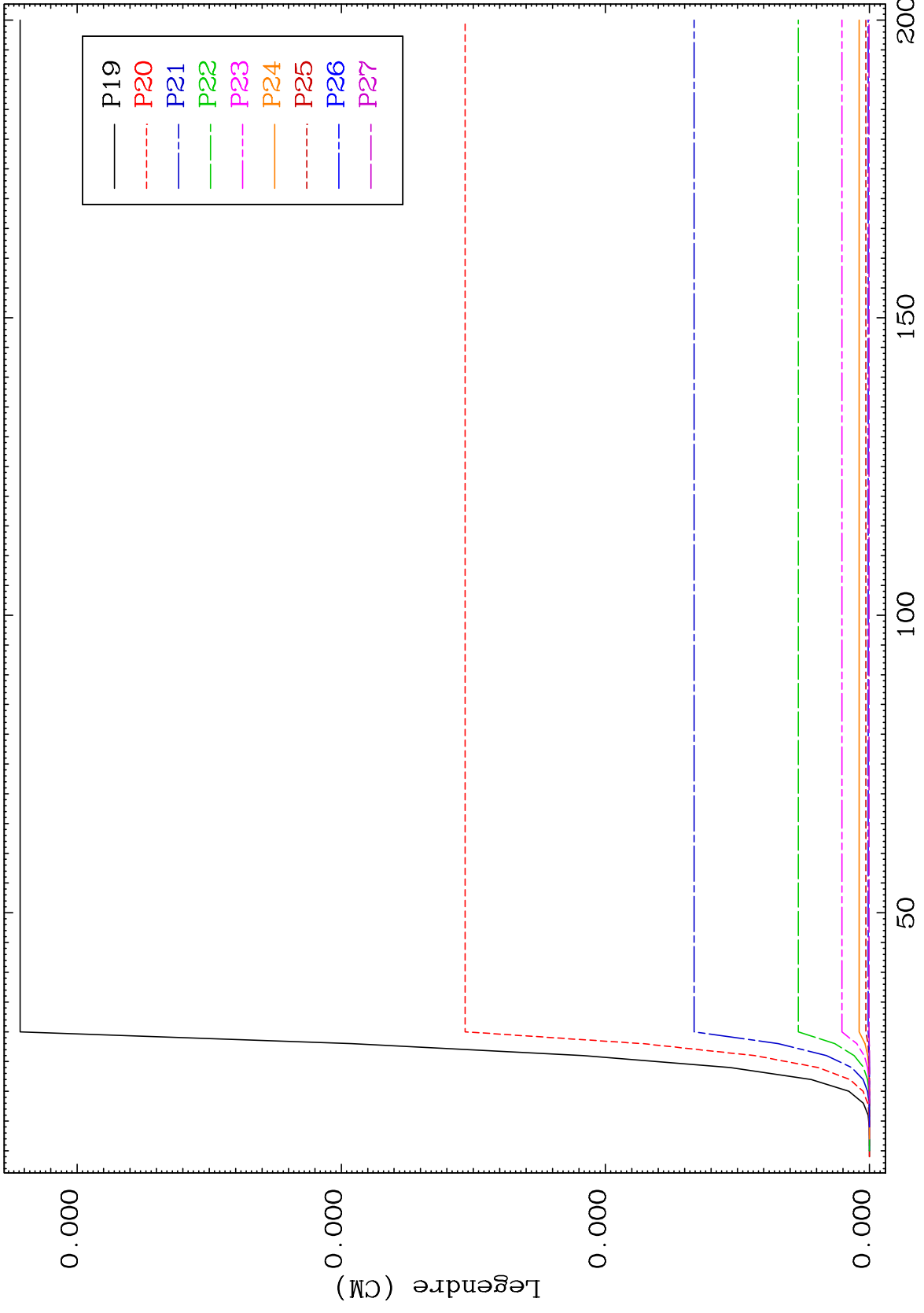


111

Incident Energy (MeV)

48-Cd-98

MAT 4801 MT= 78 (n,n') Level Legendre Coefficients 48-Cd-98

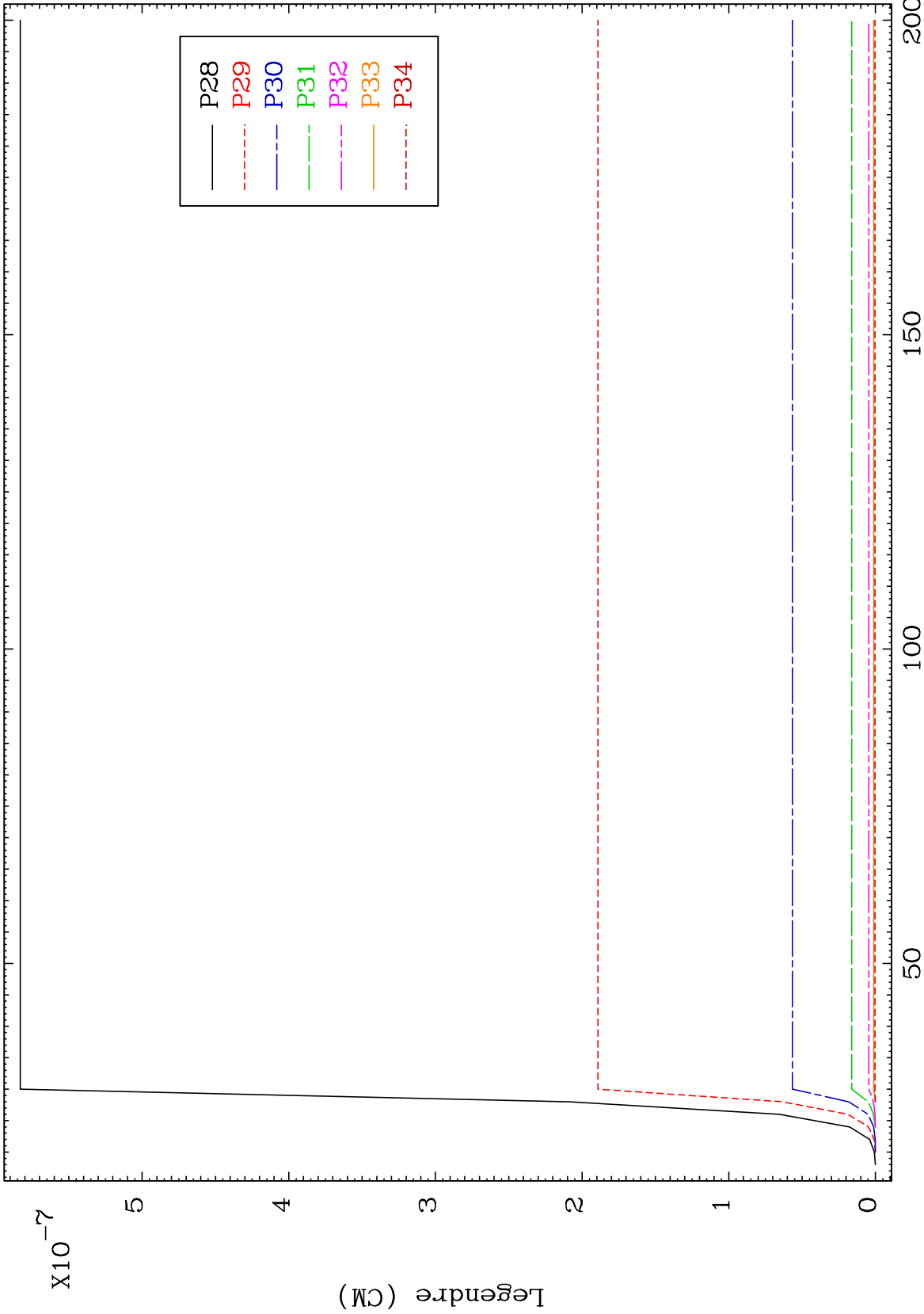


112 Incident Energy (MeV) 48-Cd-98

MAT 4801

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

48-Cd-98



113

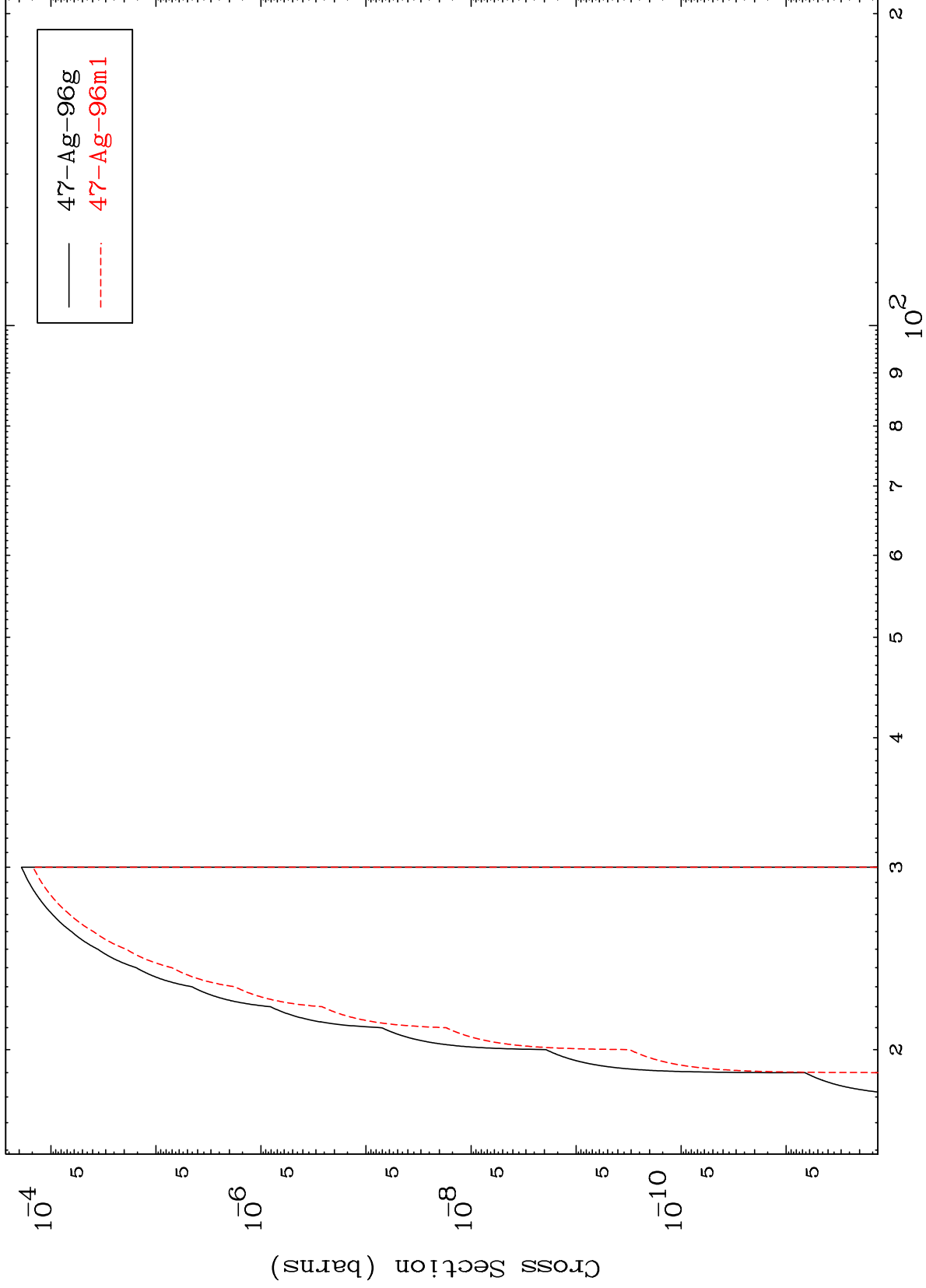
48-Cd-98

MAT 4801

(n,n') d

48-Cd-98

Radionuclide Production Cross Section



47-Ag-96g
47-Ag-96m1

114

Incident Energy (MeV)

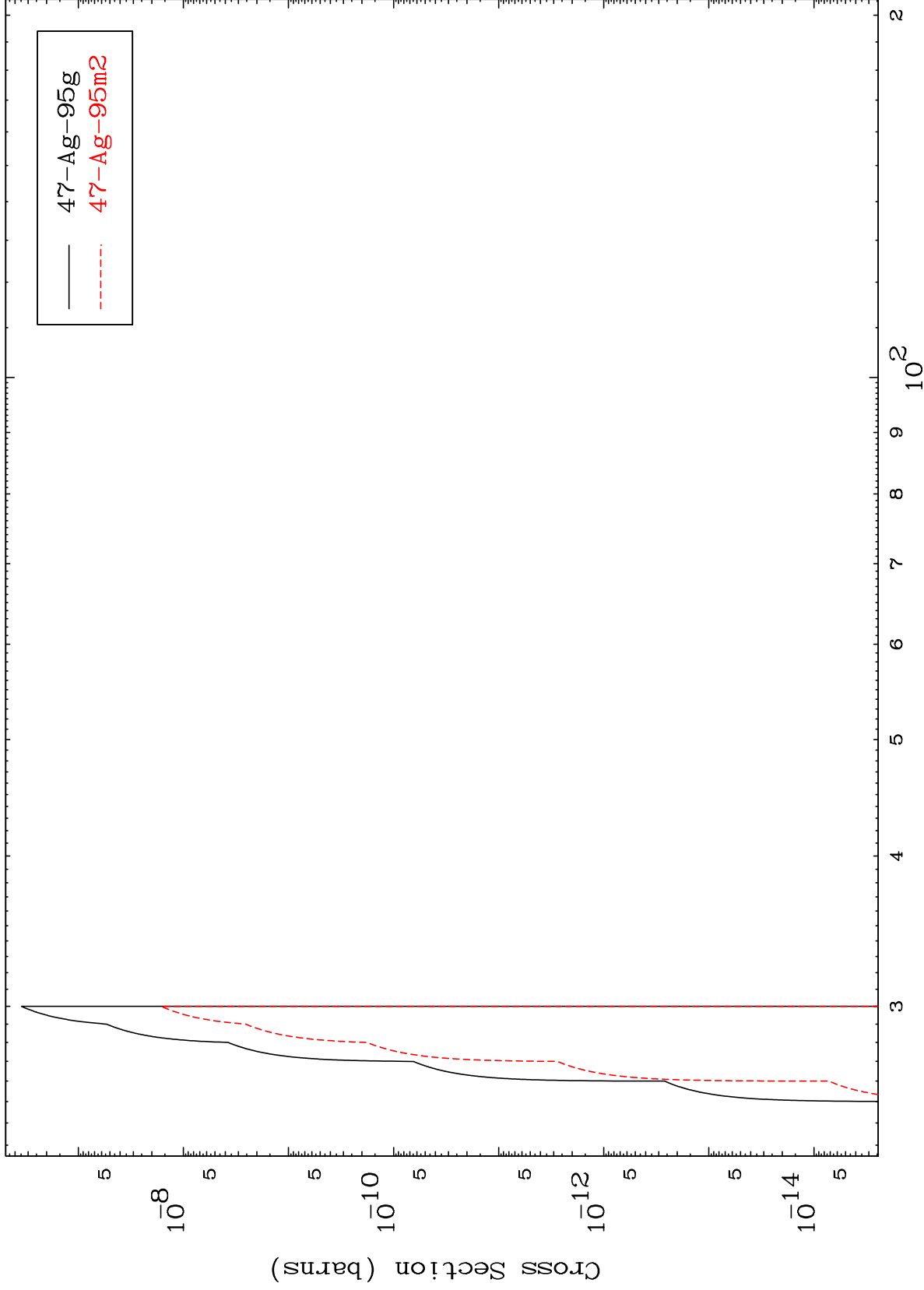
48-Cd-98

MAT 4801

(n,n') t

48-Cd-98

Radionuclide Production Cross Section



115

Incident Energy (MeV)

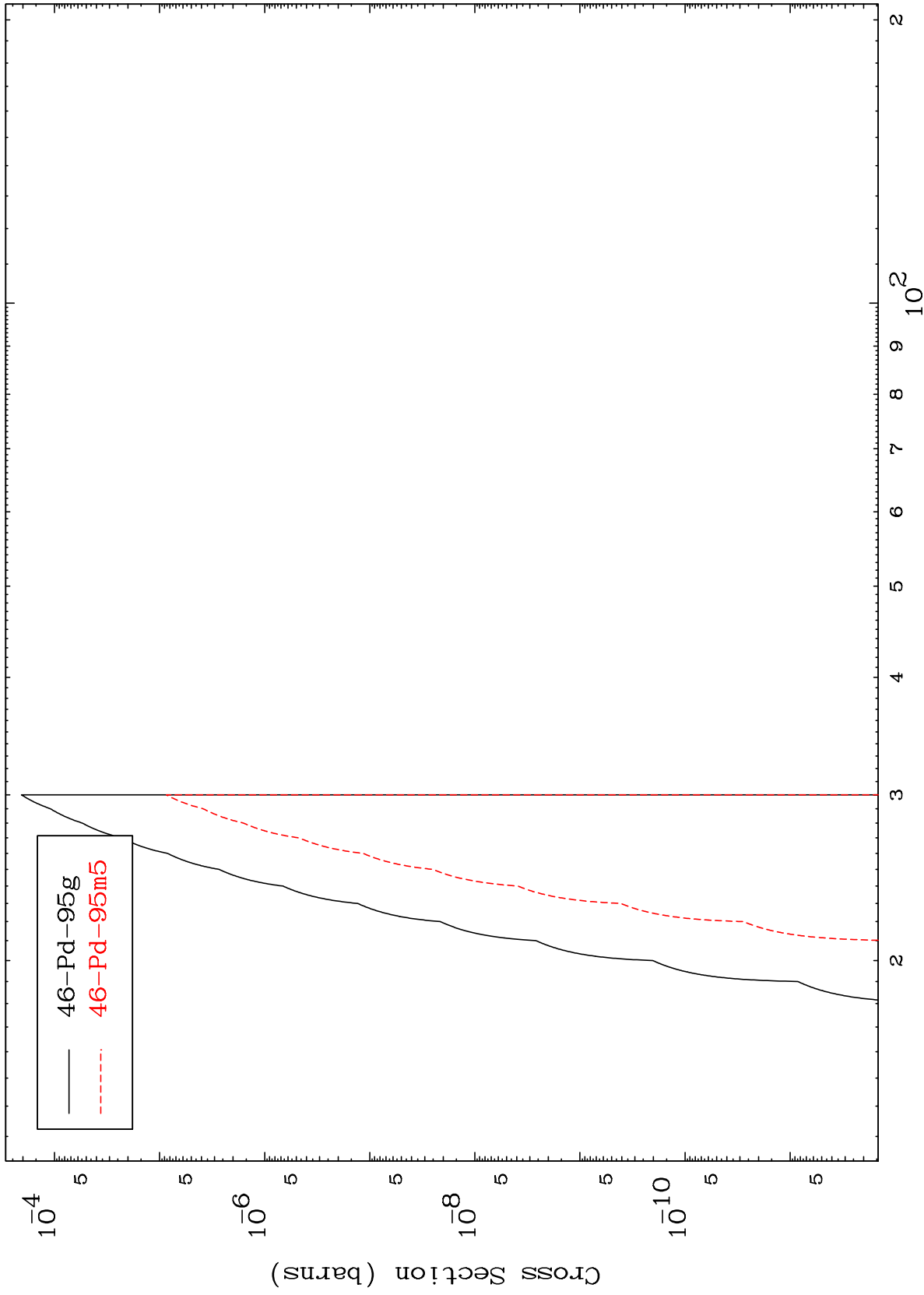
48-Cd-98

MAT 4801

(n, n') He-3

48-Cd-98

Radionuclide Production Cross Section



116

Incident Energy (MeV)

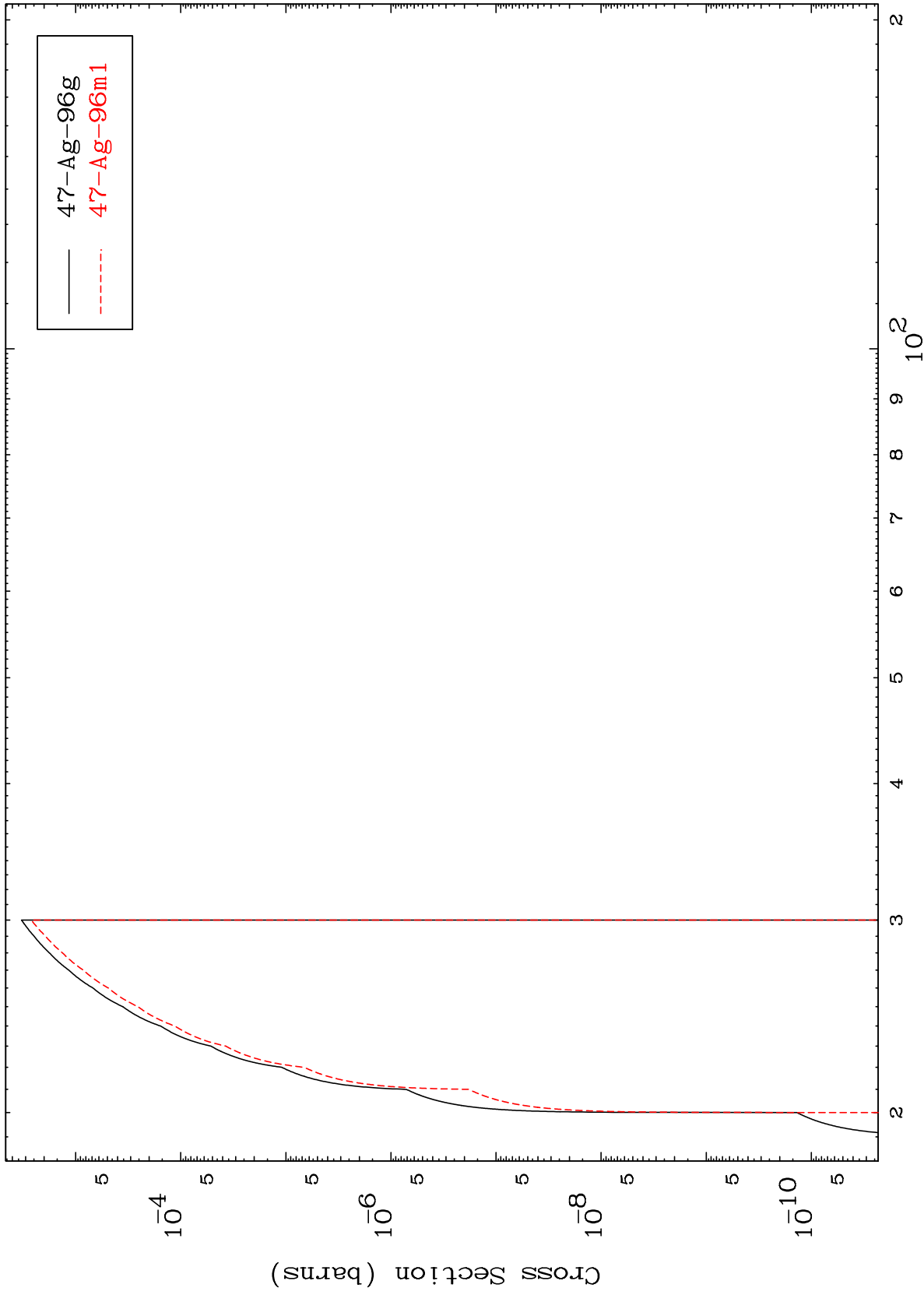
48-Cd-98

MAT 4801

(n,2n) p

48-Cd-98

Radionuclide Production Cross Section



117

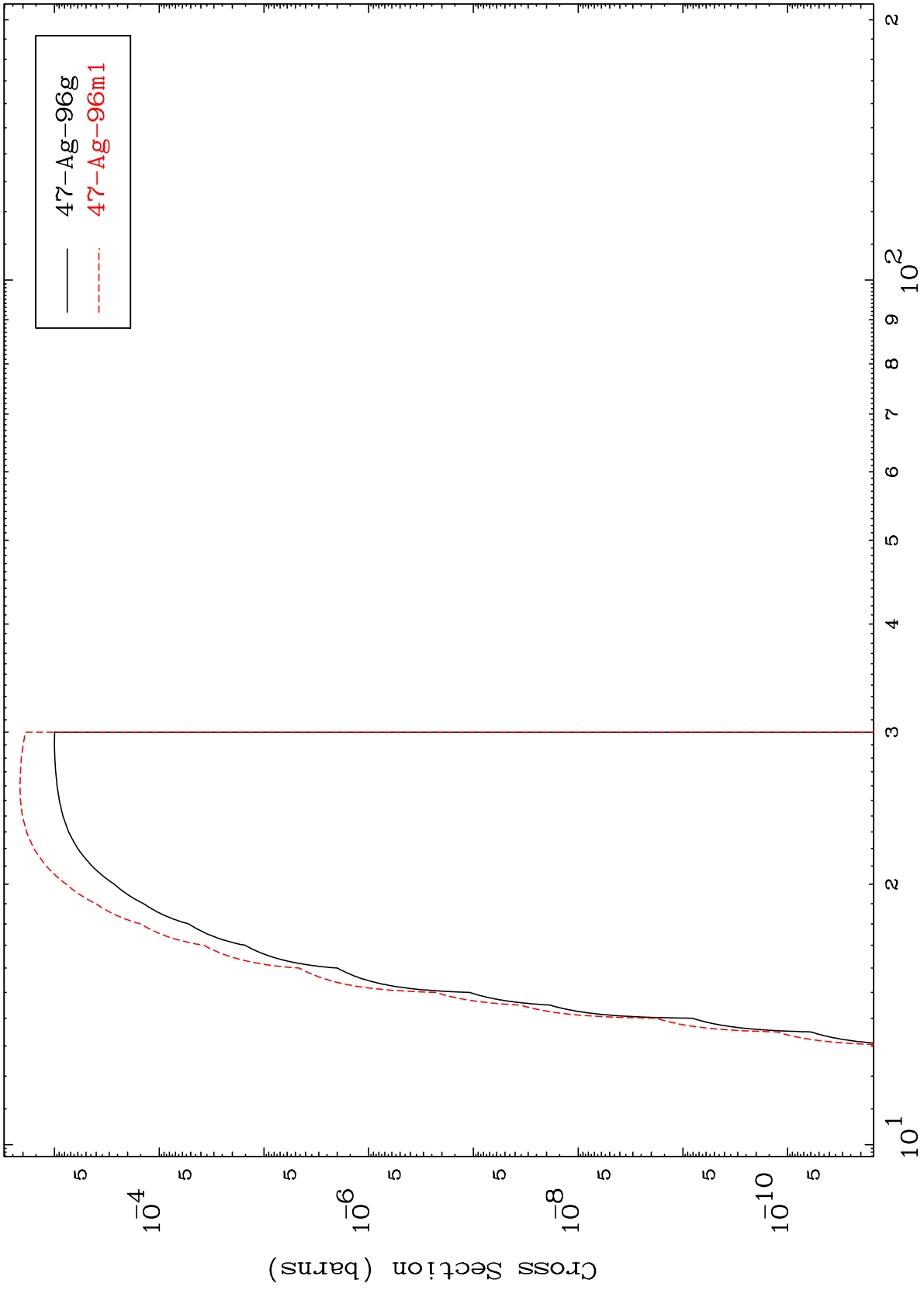
Incident Energy (MeV)

48-Cd-98

MAT 4801

48-Cd-98

(n, t)
Radionuclide Production Cross Section



118

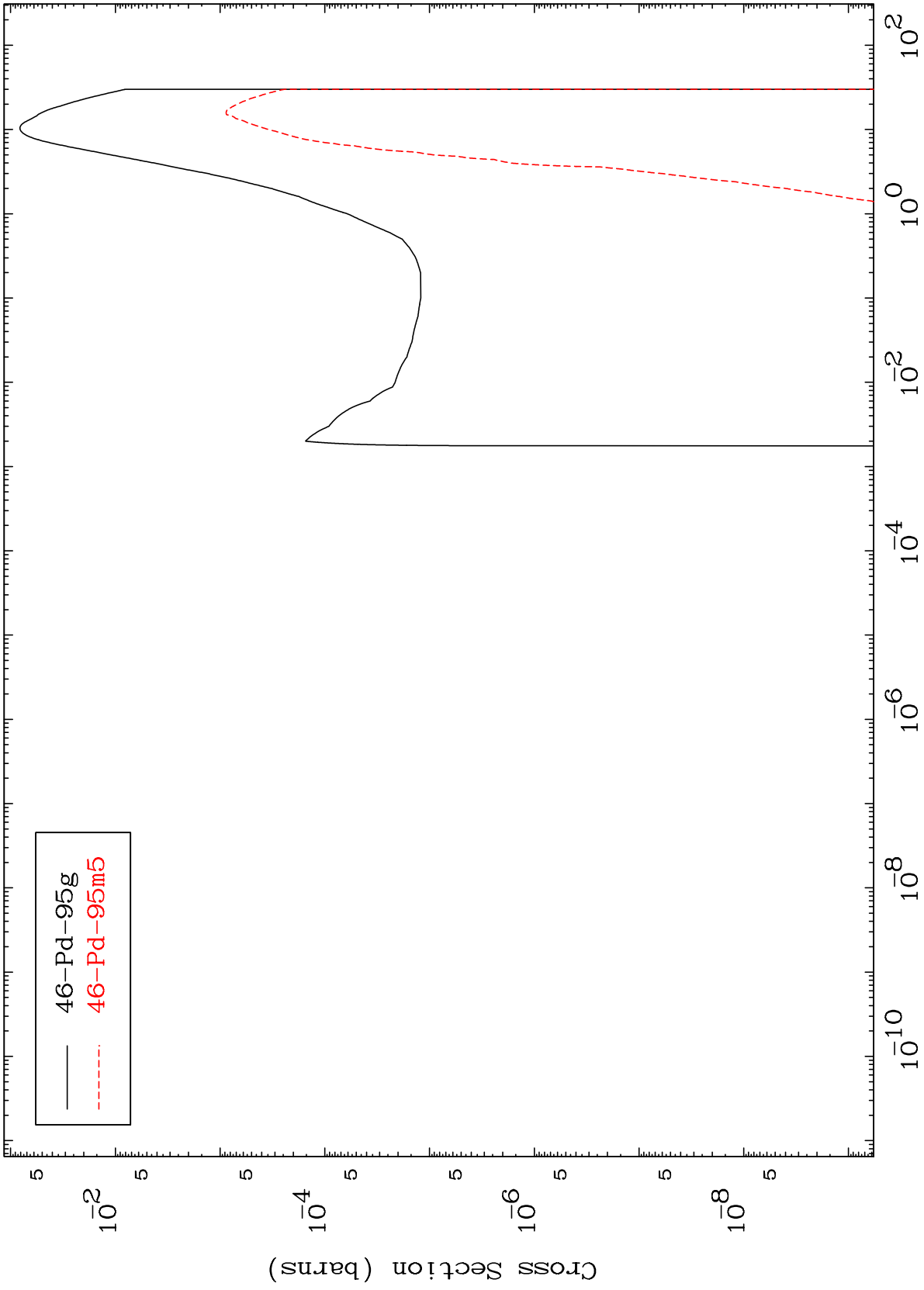
Incident Energy (MeV)

48-Cd-98

MAT 4801

Radionuclide Production Cross Section
(n, α)

48-Cd-98



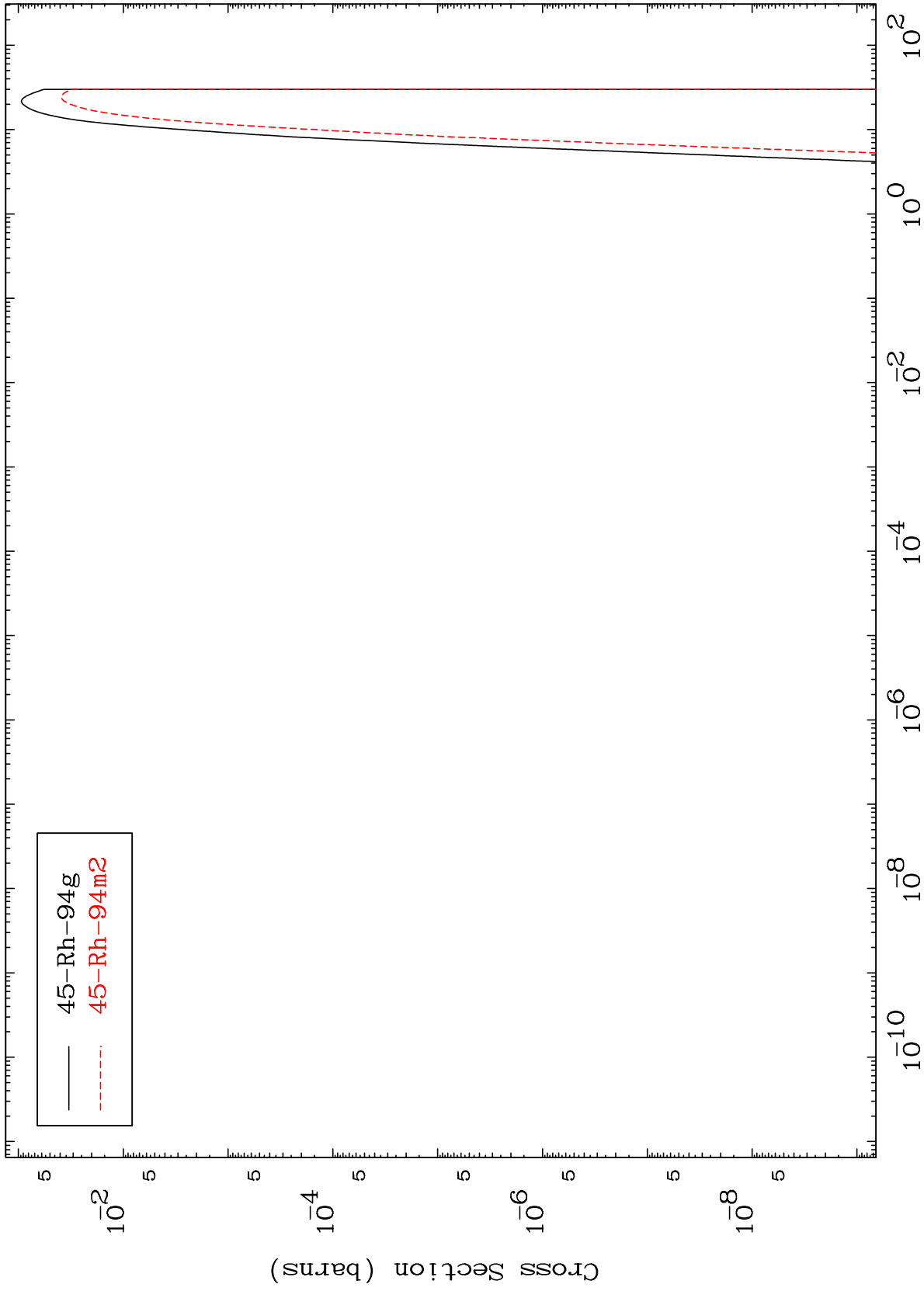
— 46-Pd-95g
- - - 46-Pd-95m5

MAT 4801

(n,p) α

48-Cd-98

Radionuclide Production Cross Section



45-Rh-94g
45-Rh-94m2

120

Incident Energy (MeV)

48-Cd-98

