

Program EVALPLOT
(Version 2018-1)

by

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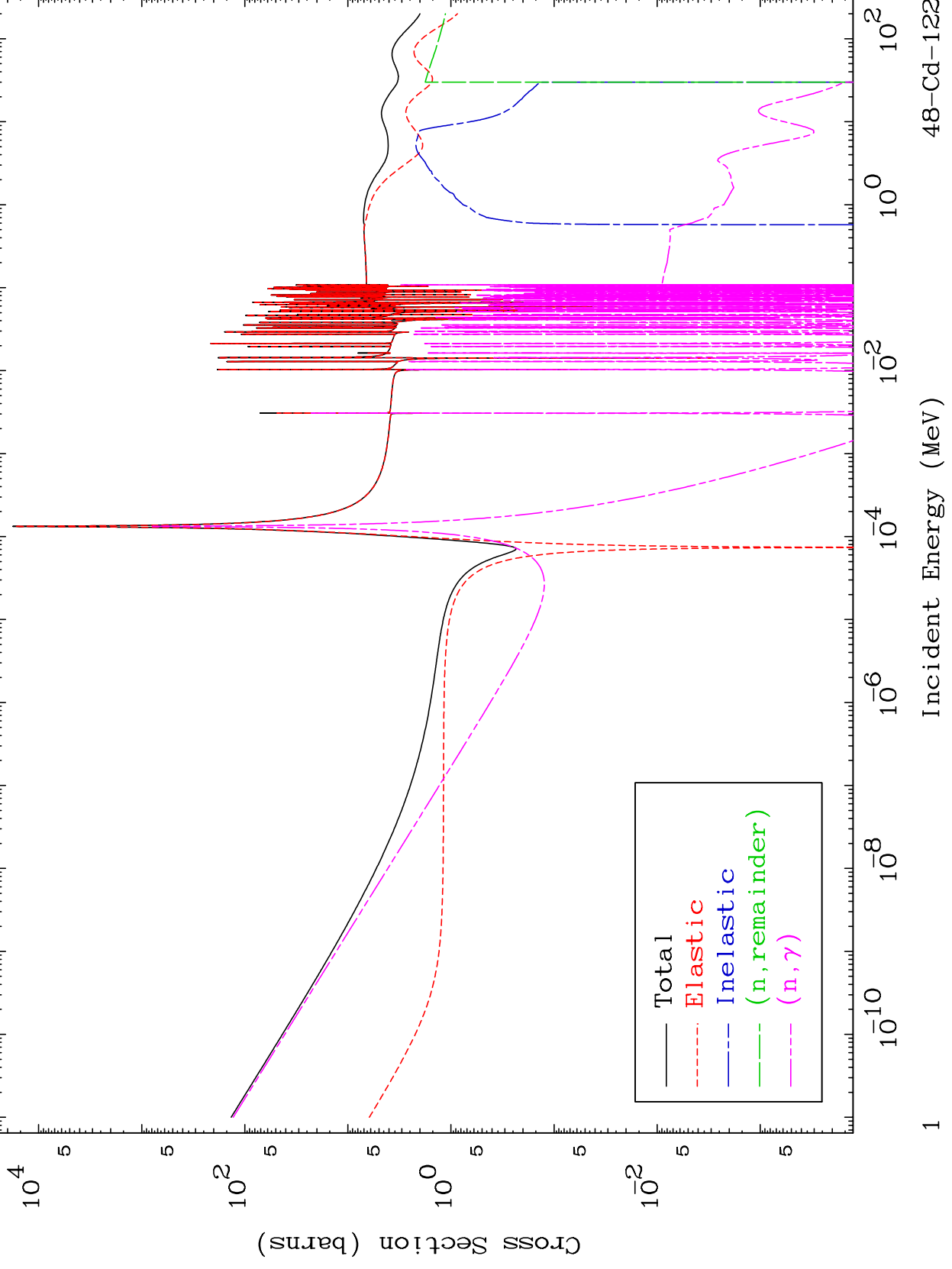
Press Mouse Button to Start

MAT 4873

Major

293 Kelvin Cross Sections

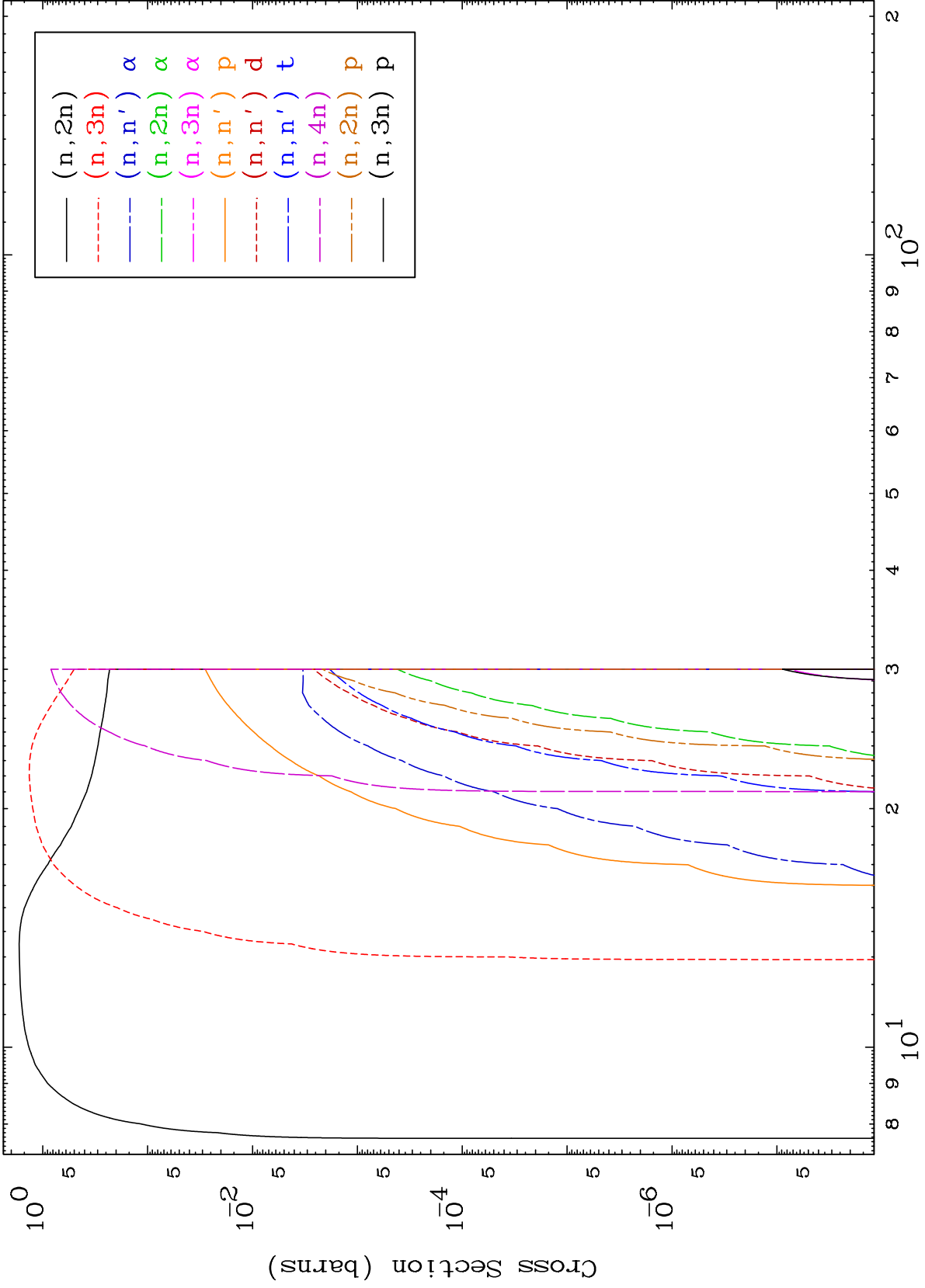
48-Cd-122



MAT 4873

Neutron Production
293 Kelvin Cross Sections

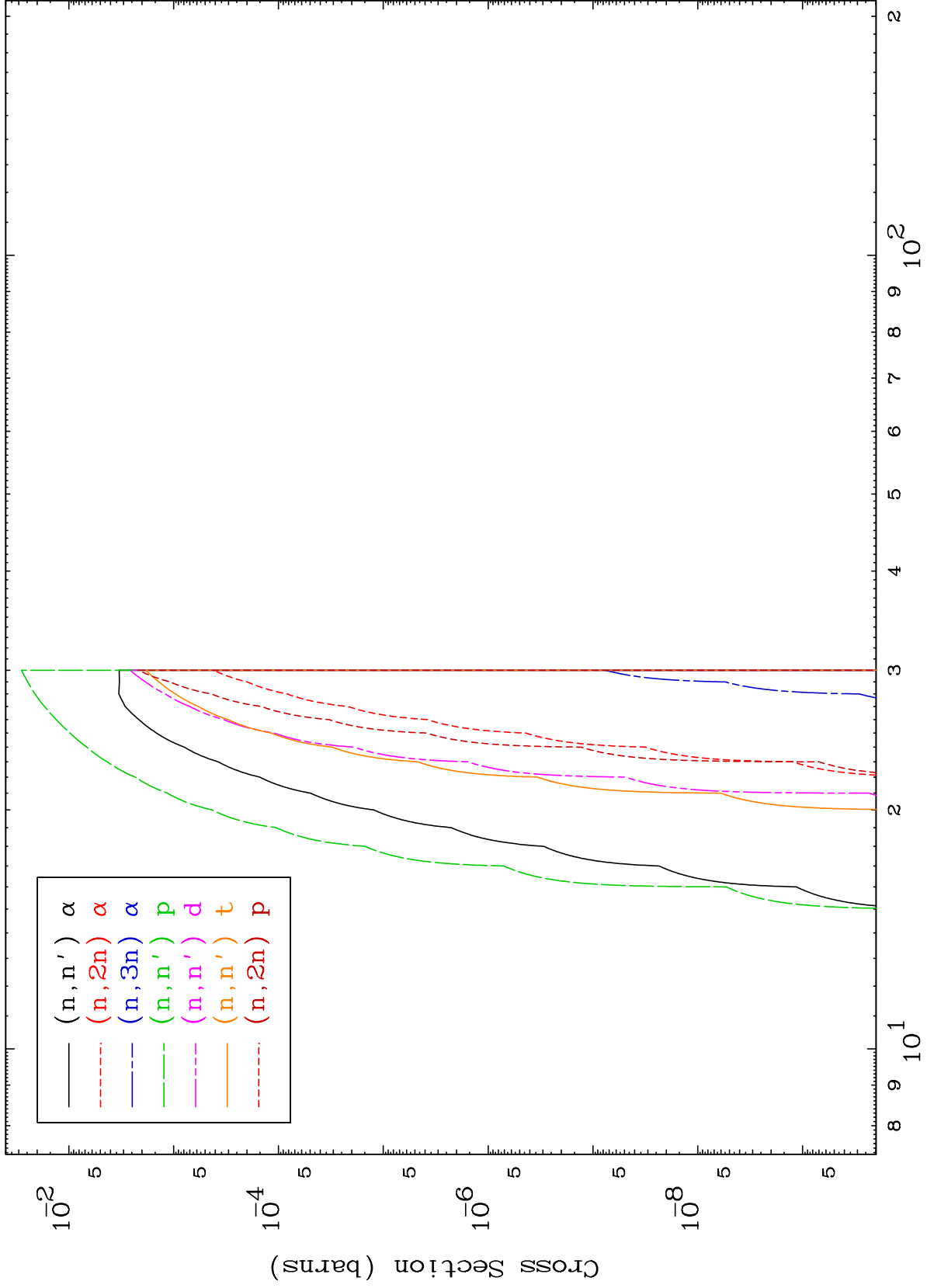
48-Cd-122



2

Incident Energy (MeV)

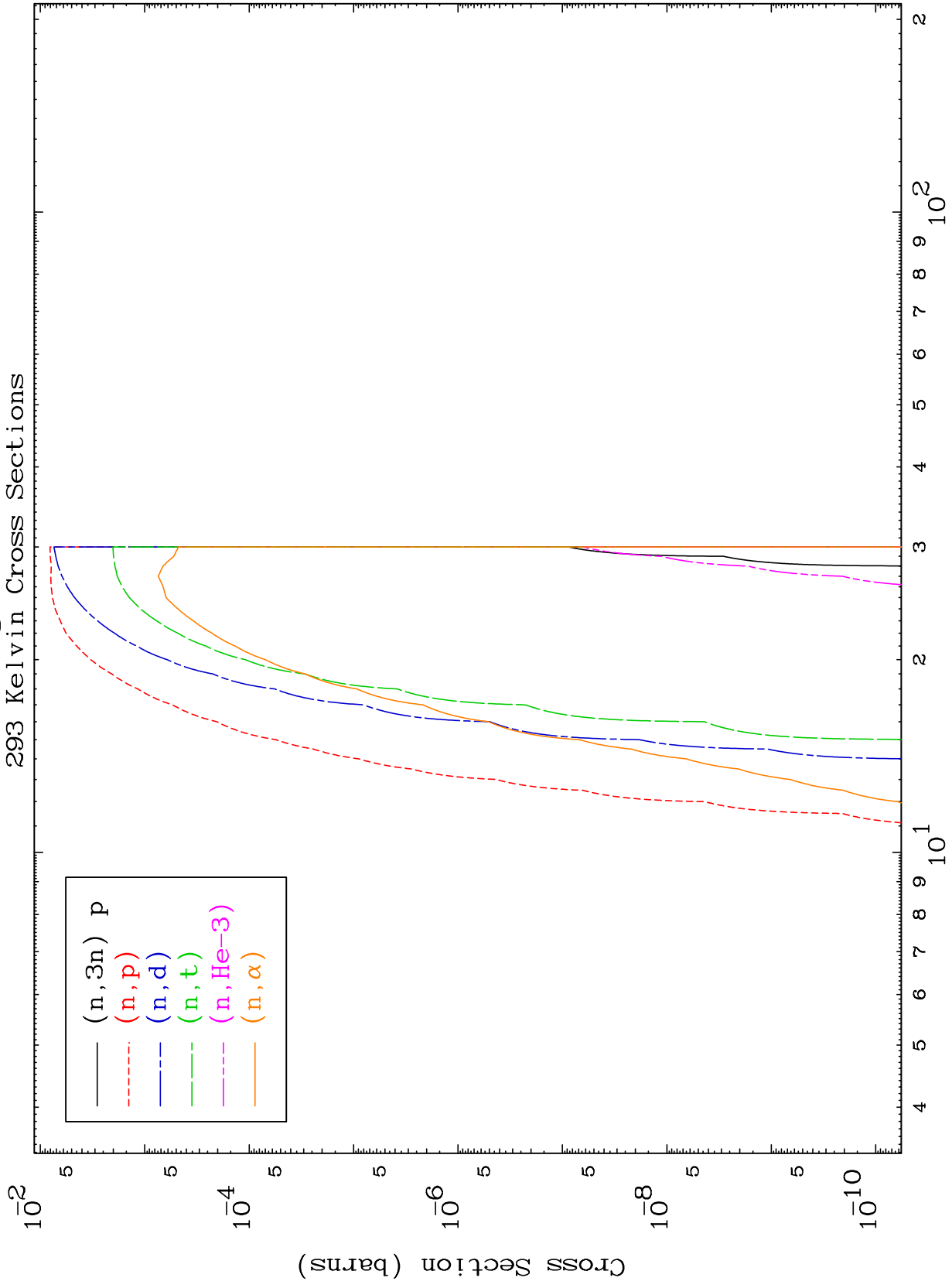
48-Cd-122



MAT 4873

Charged Particle
293 Kelvin Cross Sections

48-Cd-122



4

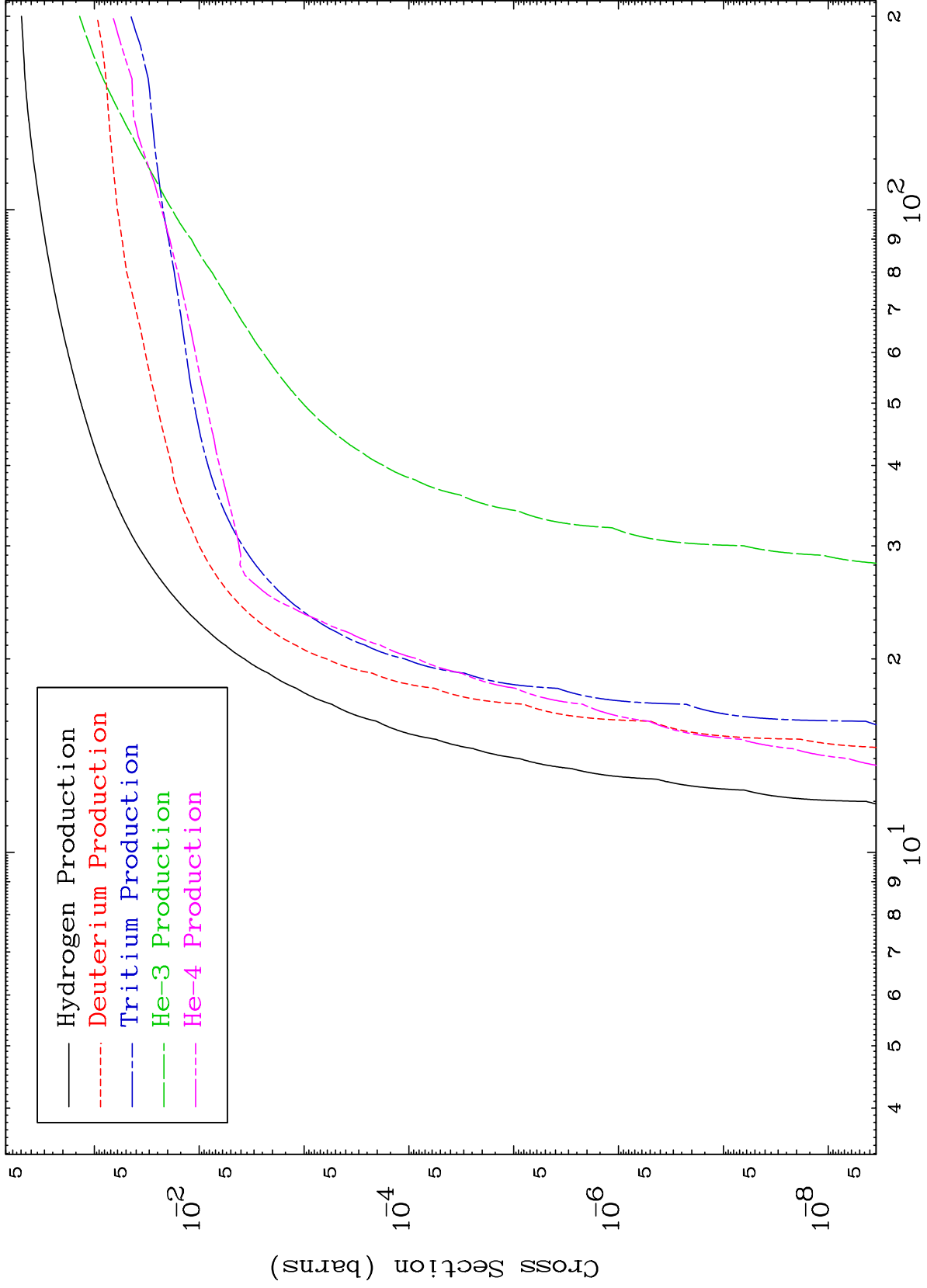
Incident Energy (MeV)

48-Cd-122

MAT 4873

Particle Production
293 Kelvin Cross Sections

48-Cd-122



5

Incident Energy (MeV)

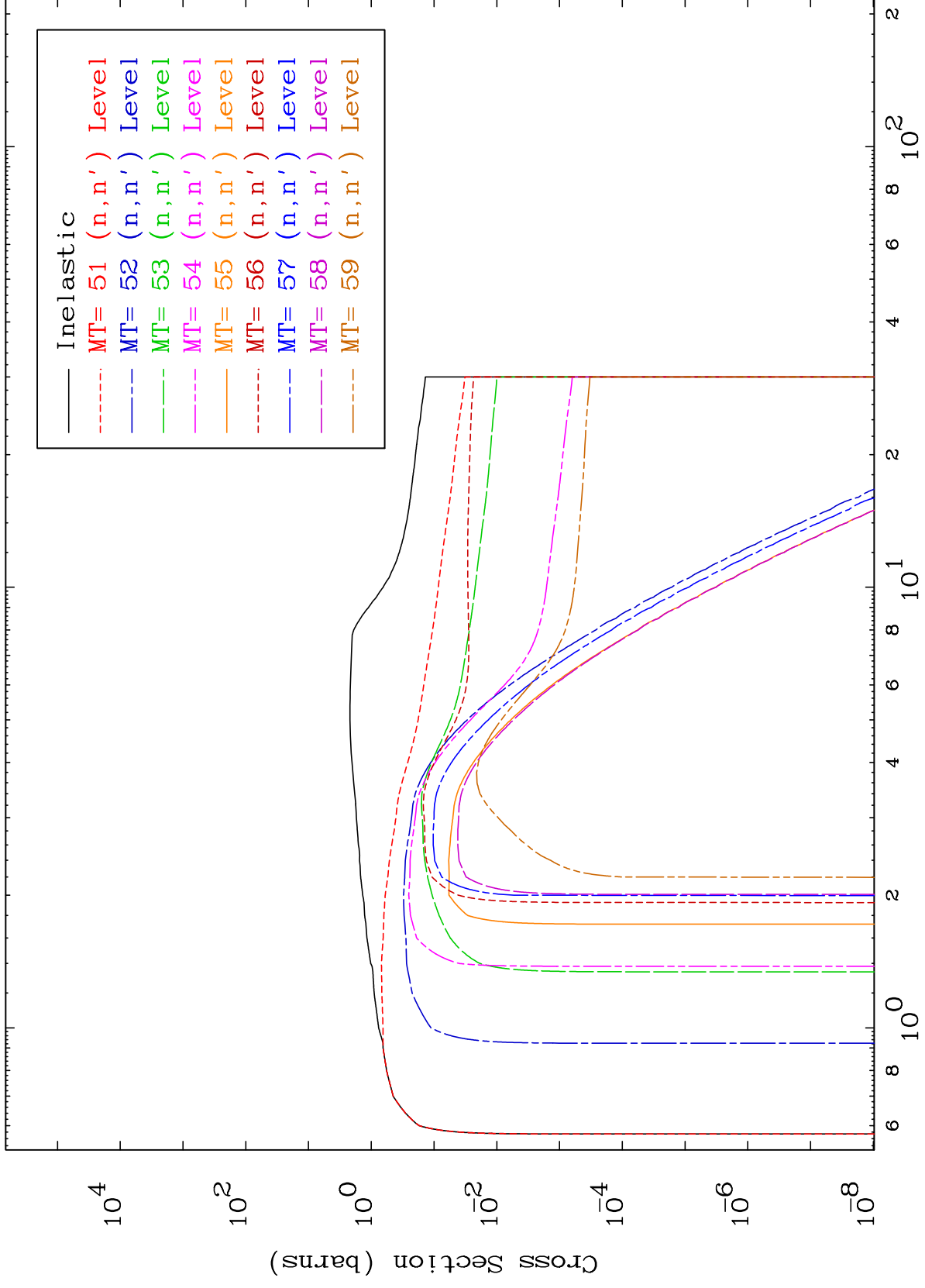
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



6

Incident Energy (MeV)

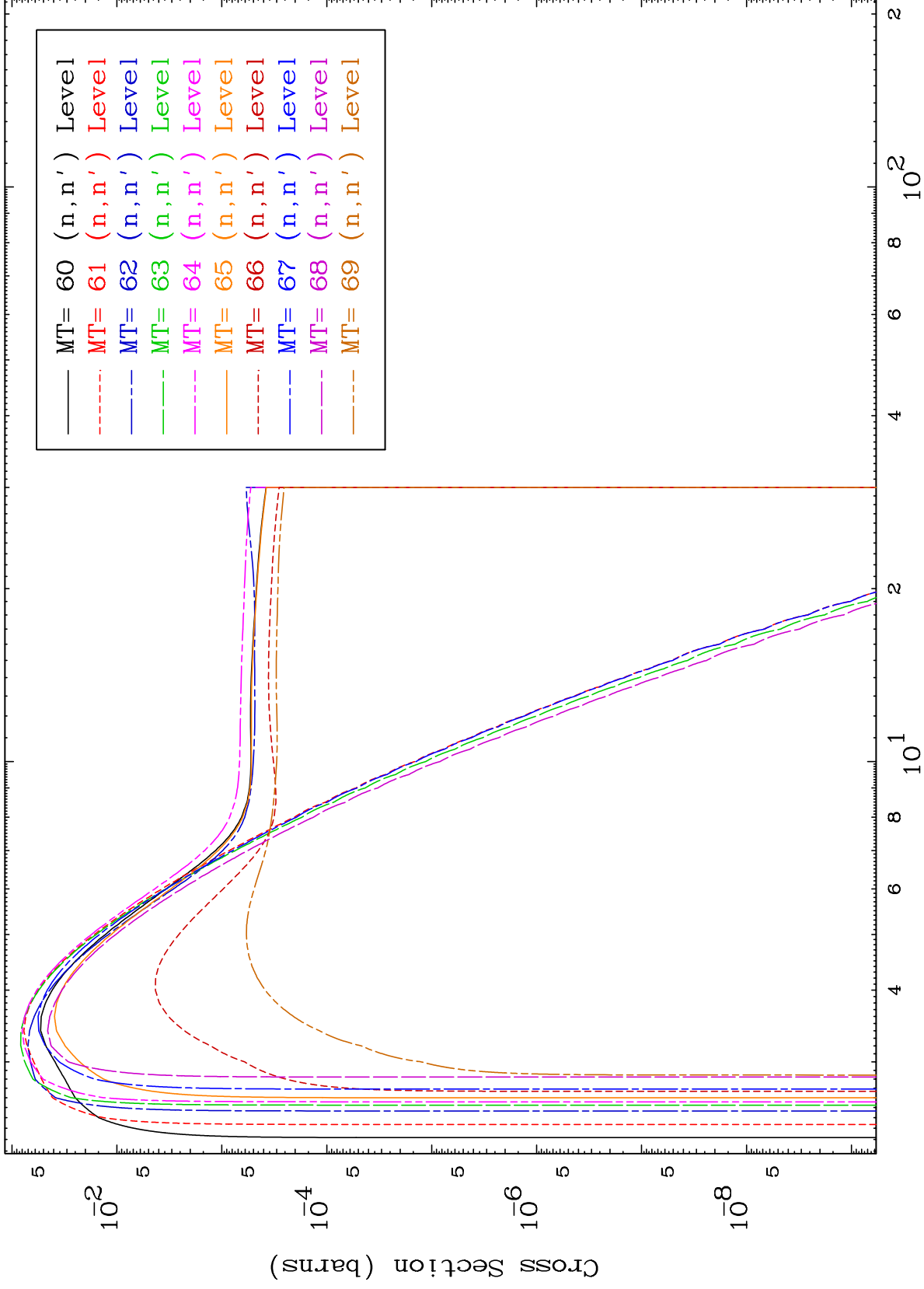
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



7

Incident Energy (MeV)

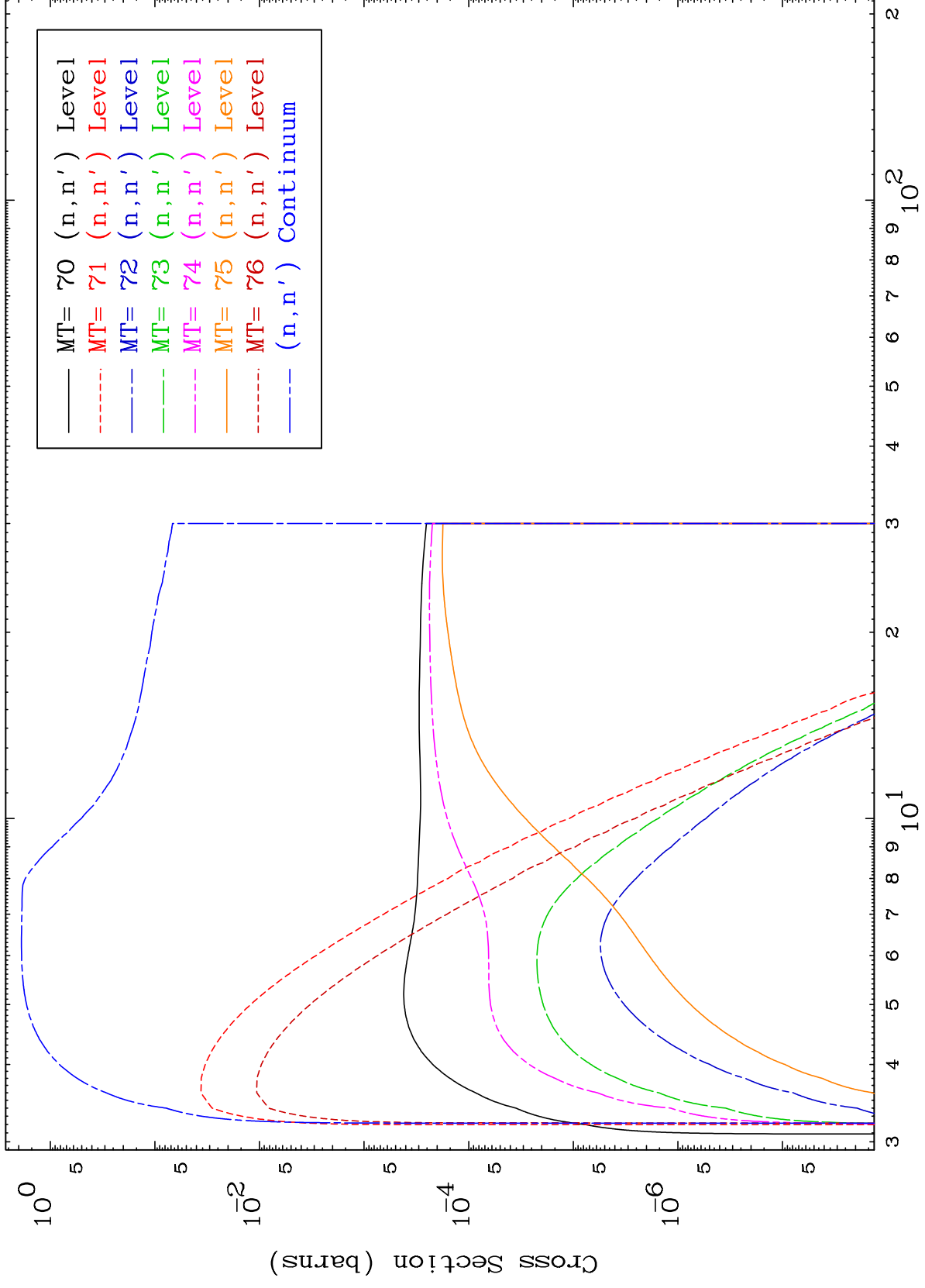
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



Incident Energy (MeV)

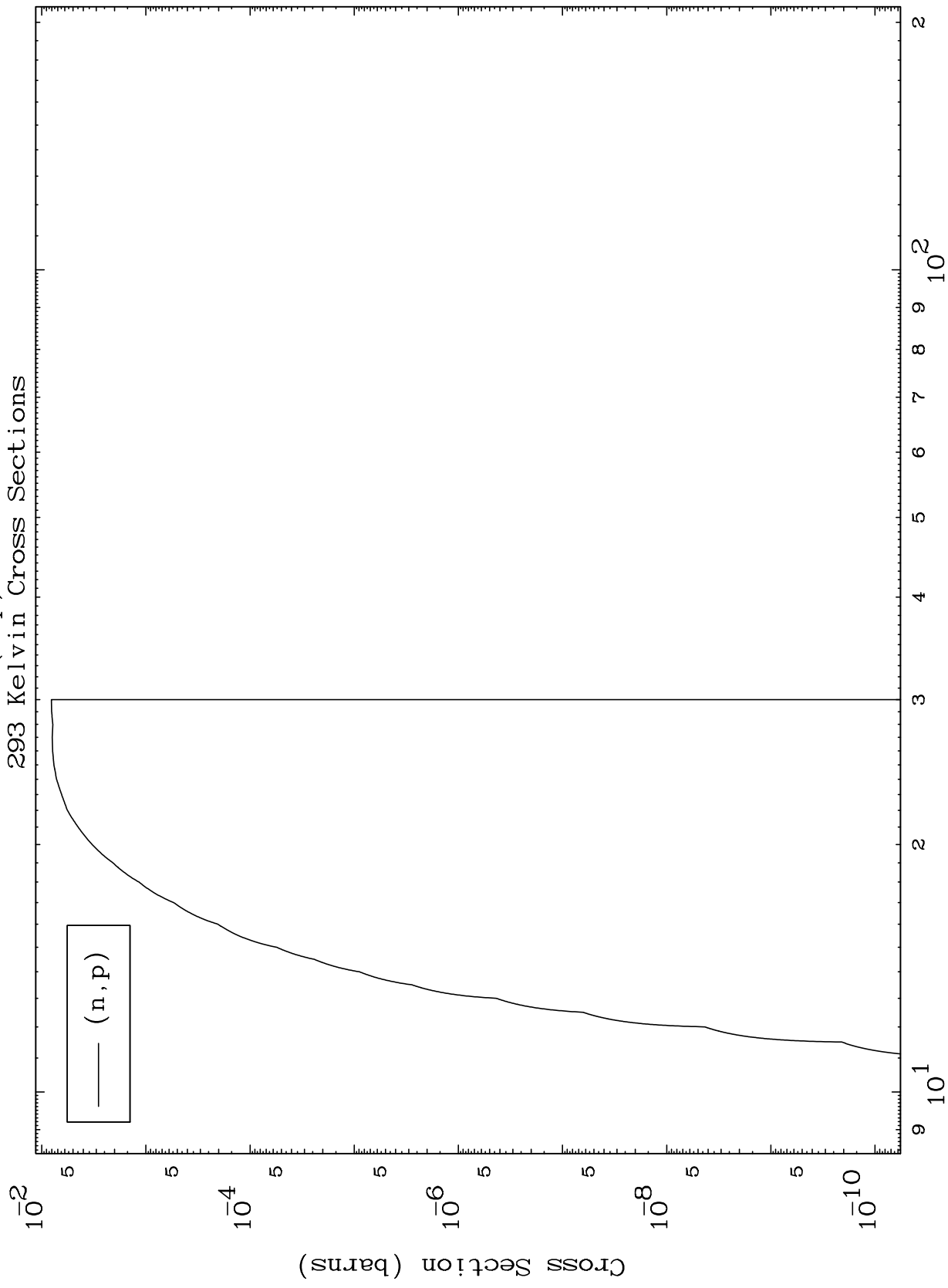
48-Cd-122

8

MAT 4873

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-122



9

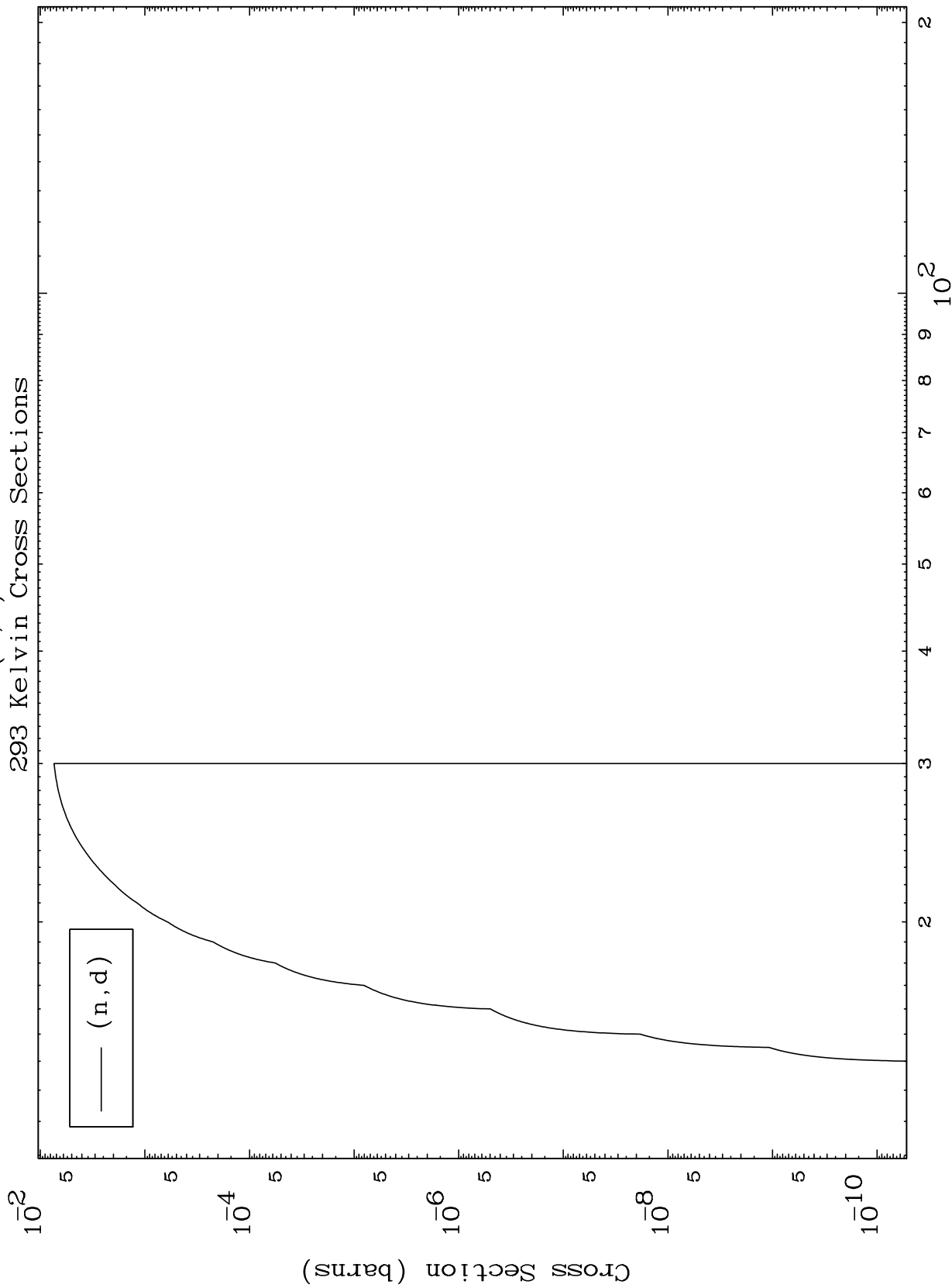
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-122



10

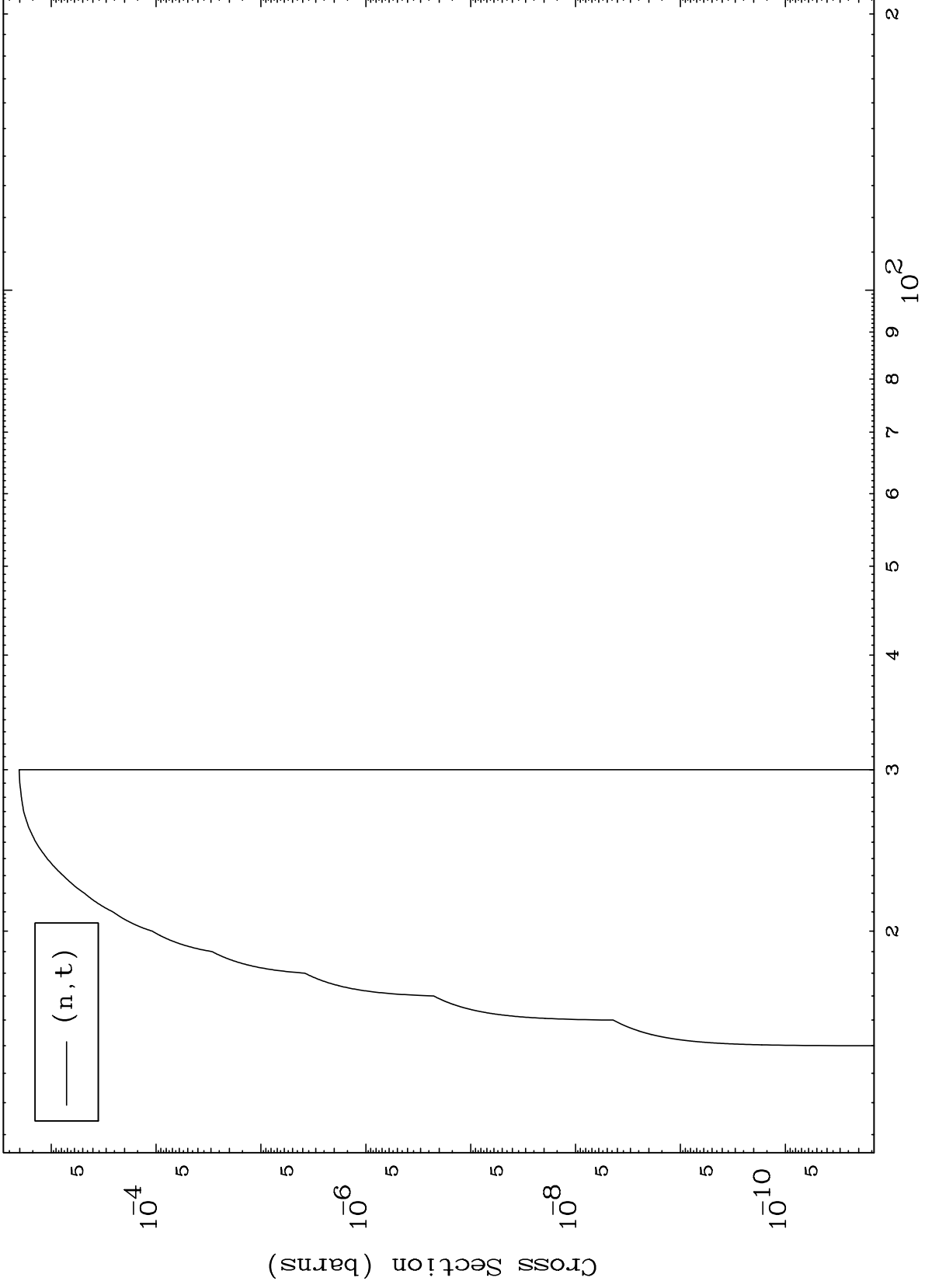
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,t) Levels
293 Kelvin Cross Sections

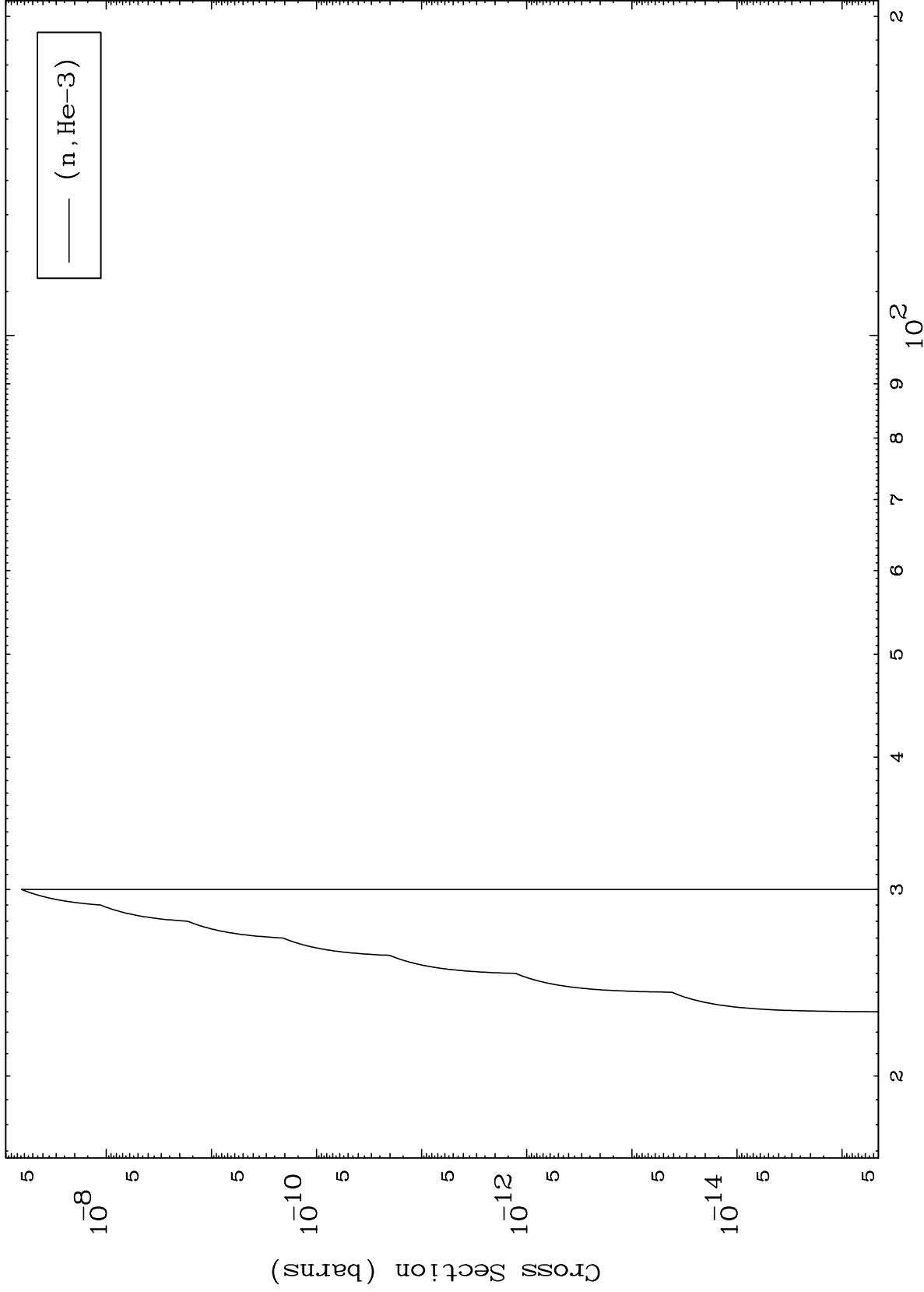
48-Cd-122



MAT 4873

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-122



12

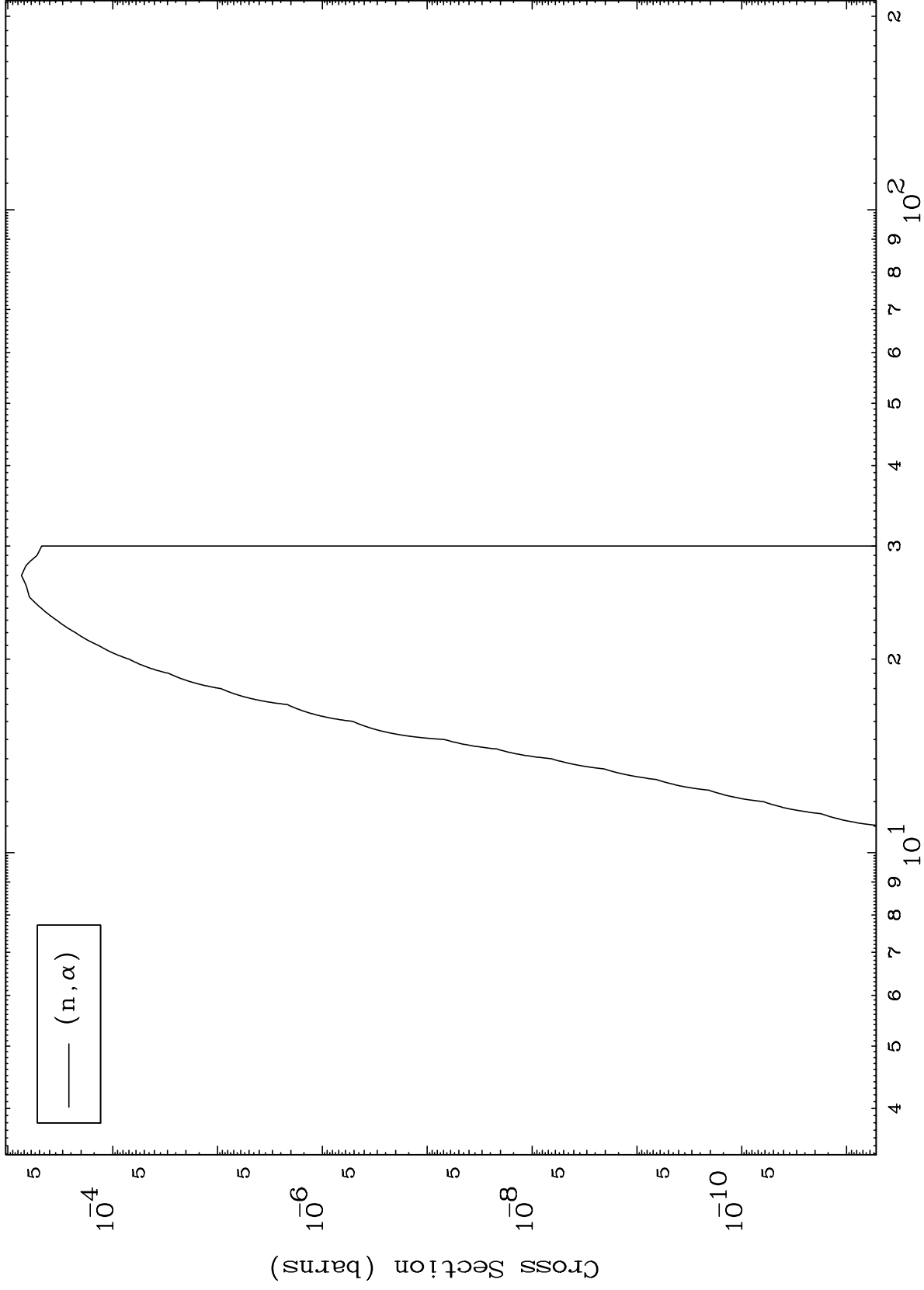
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n, α) Levels
293 Kelvin Cross Sections

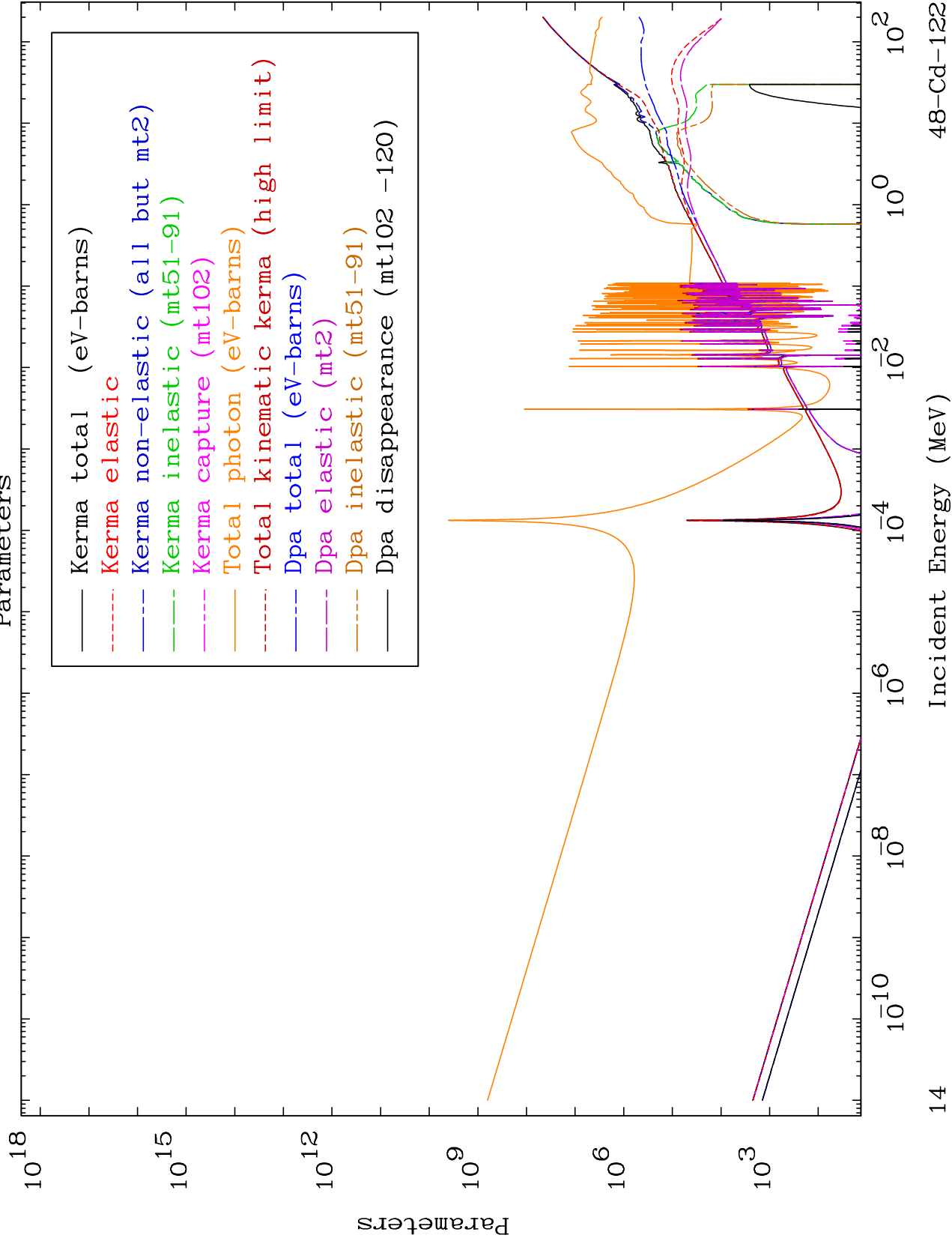
48-Cd-122



13

Incident Energy (MeV)

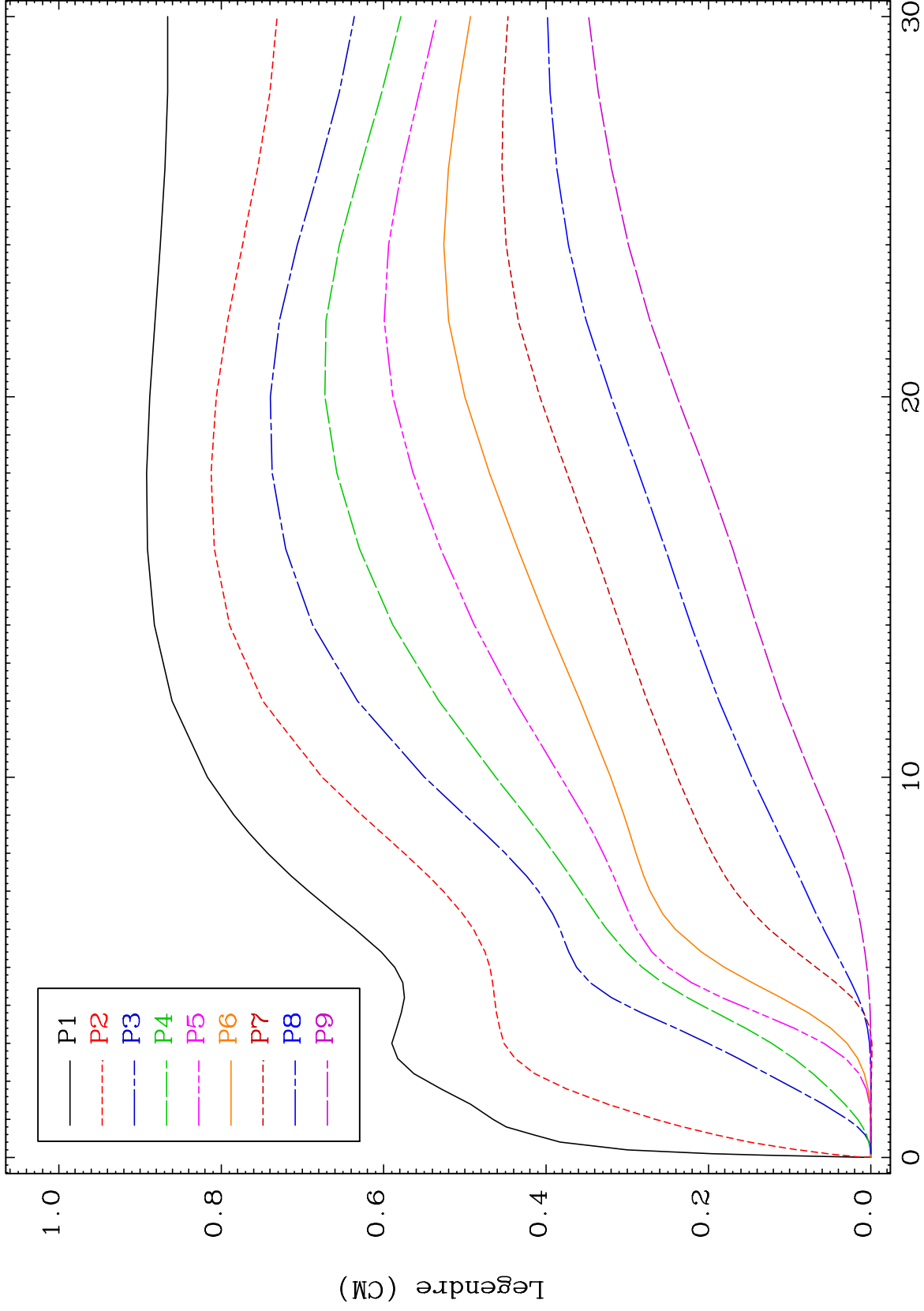
48-Cd-122



MAT 4873

Elastic Legendre Coefficients

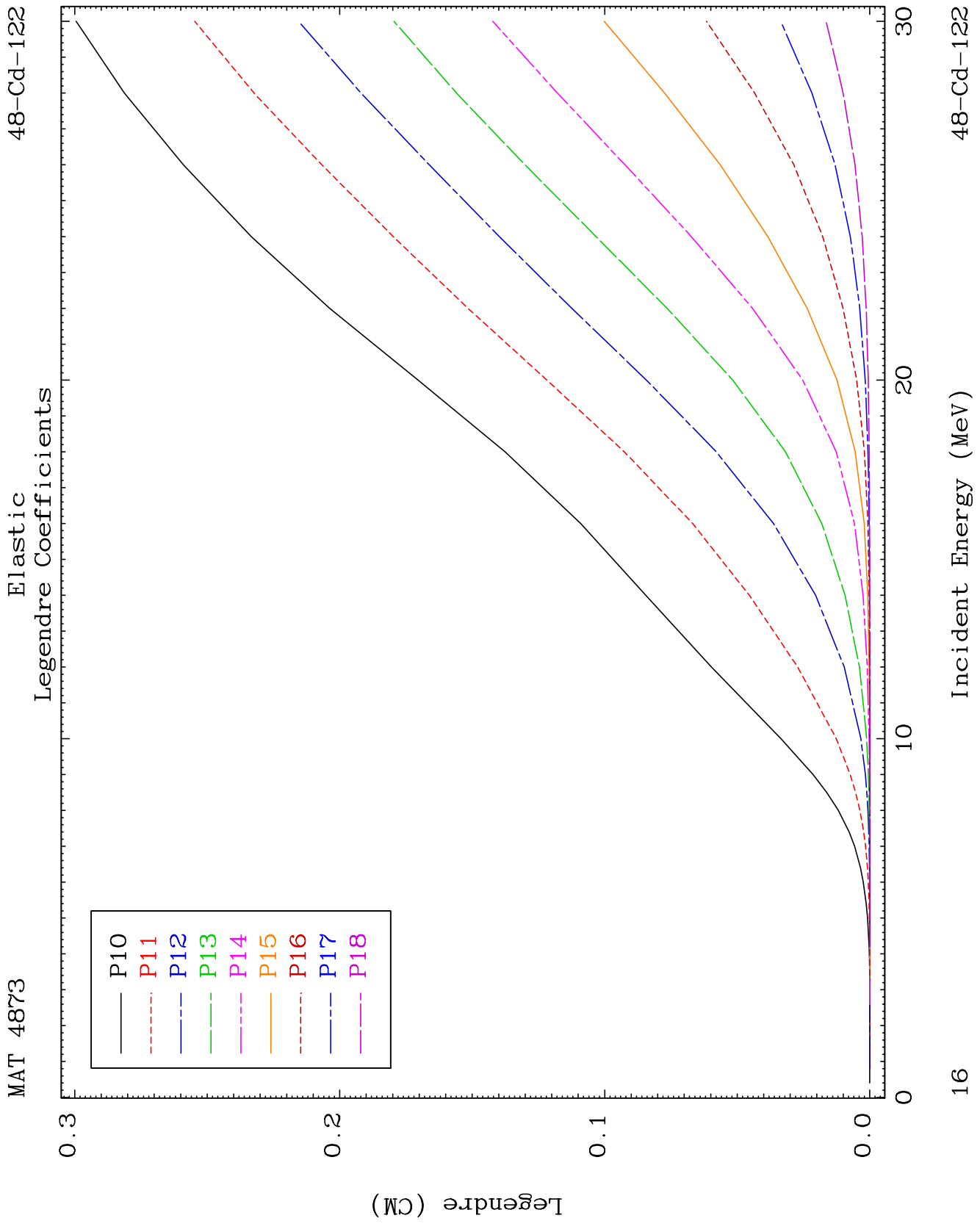
48-Cd-122



15

Incident Energy (MeV)

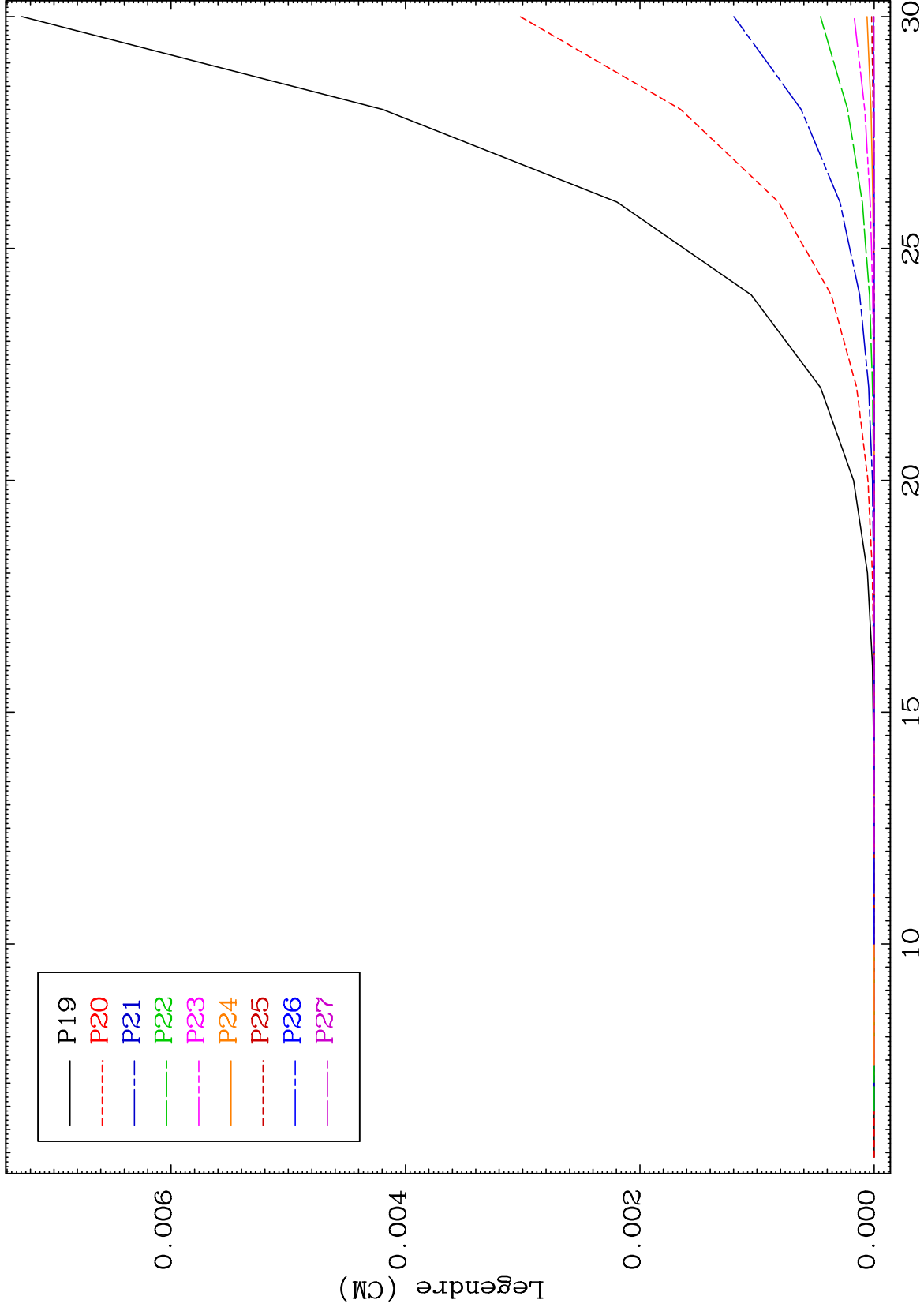
48-Cd-122



MAT 4873

Elastic Legendre Coefficients

48-Cd-122



17

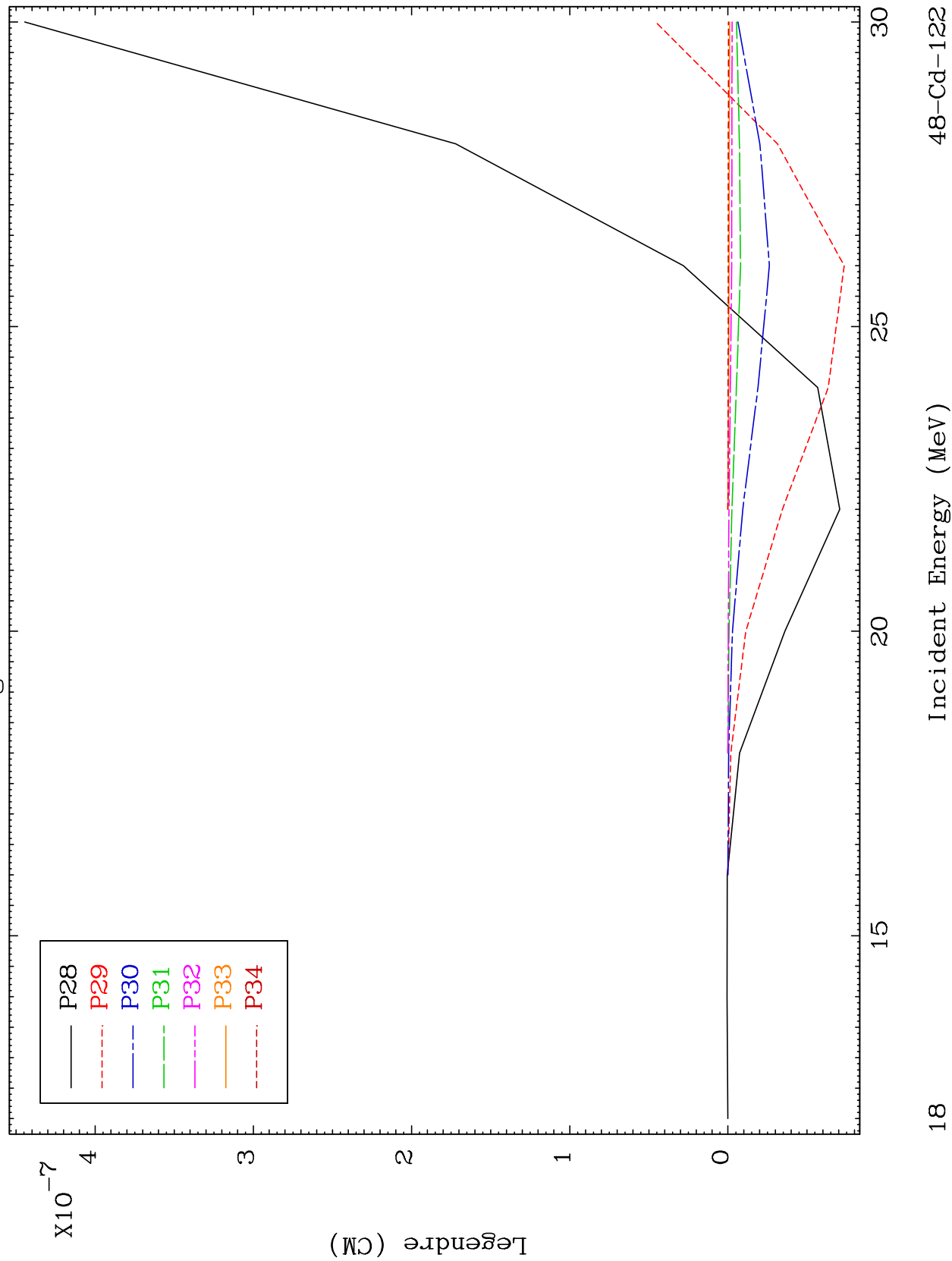
Incident Energy (MeV)

48-Cd-122

MAT 4873

Elastic Legendre Coefficients

48-Cd-122



18

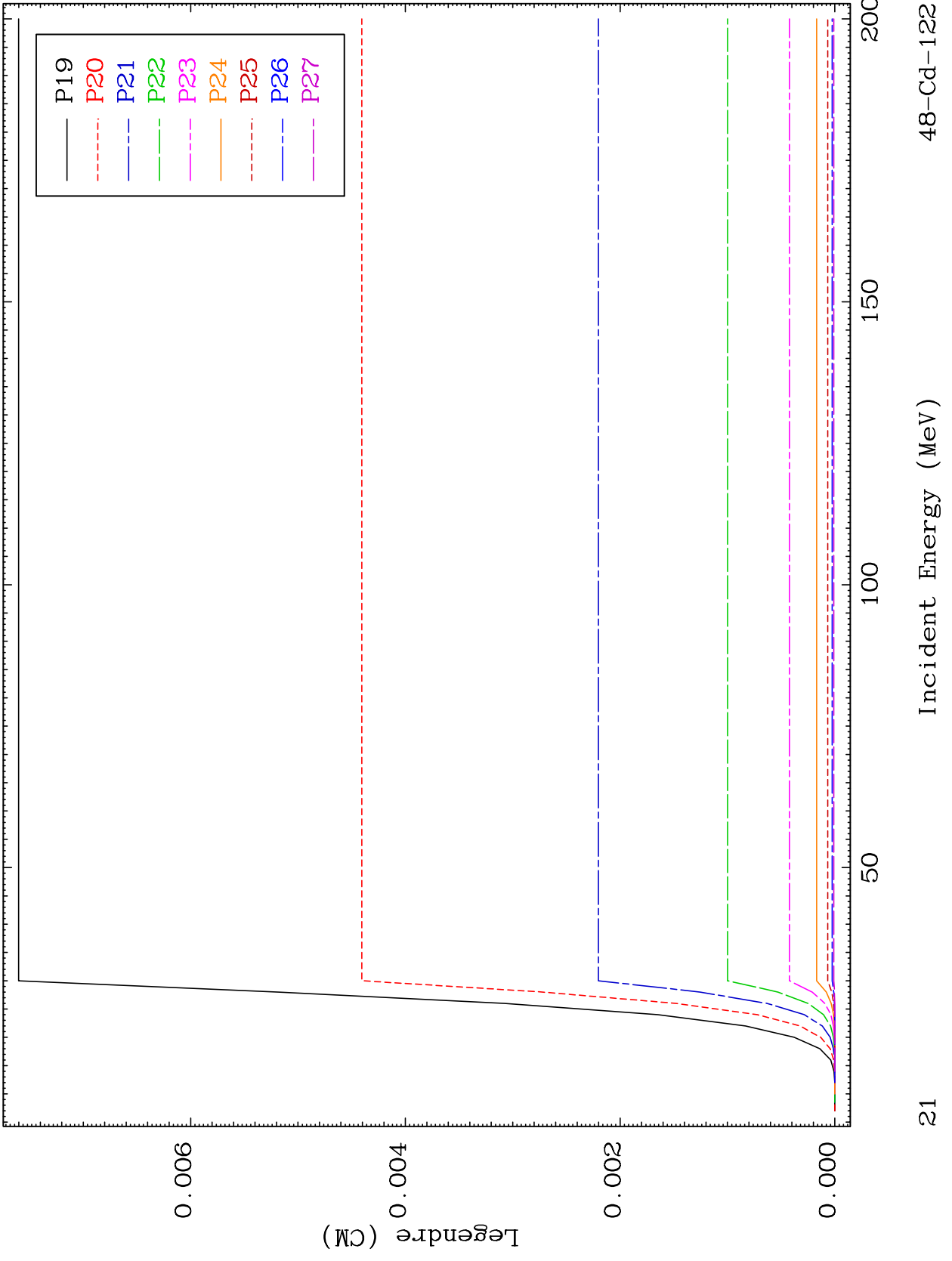
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



21

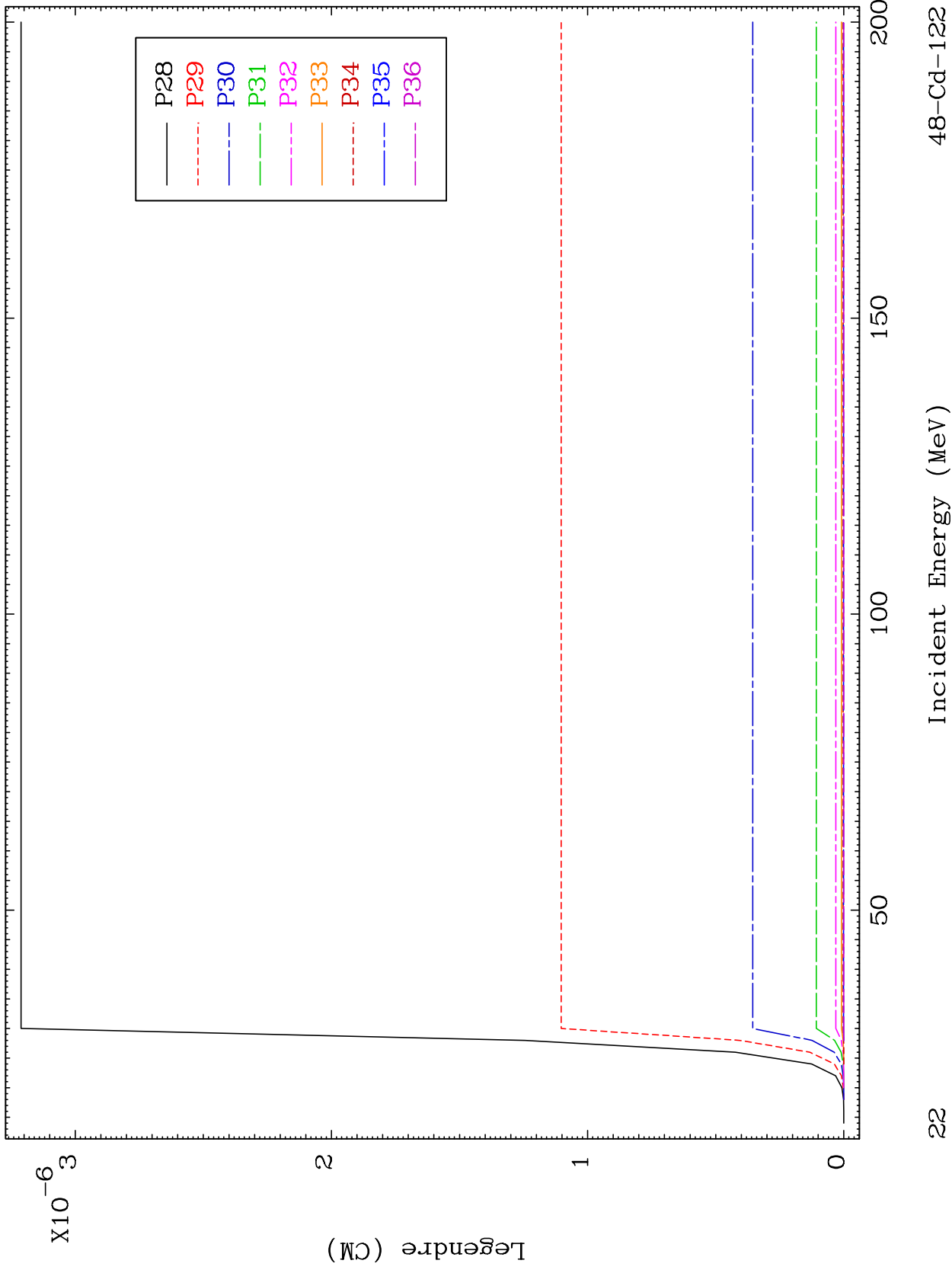
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



22

Incident Energy (MeV)

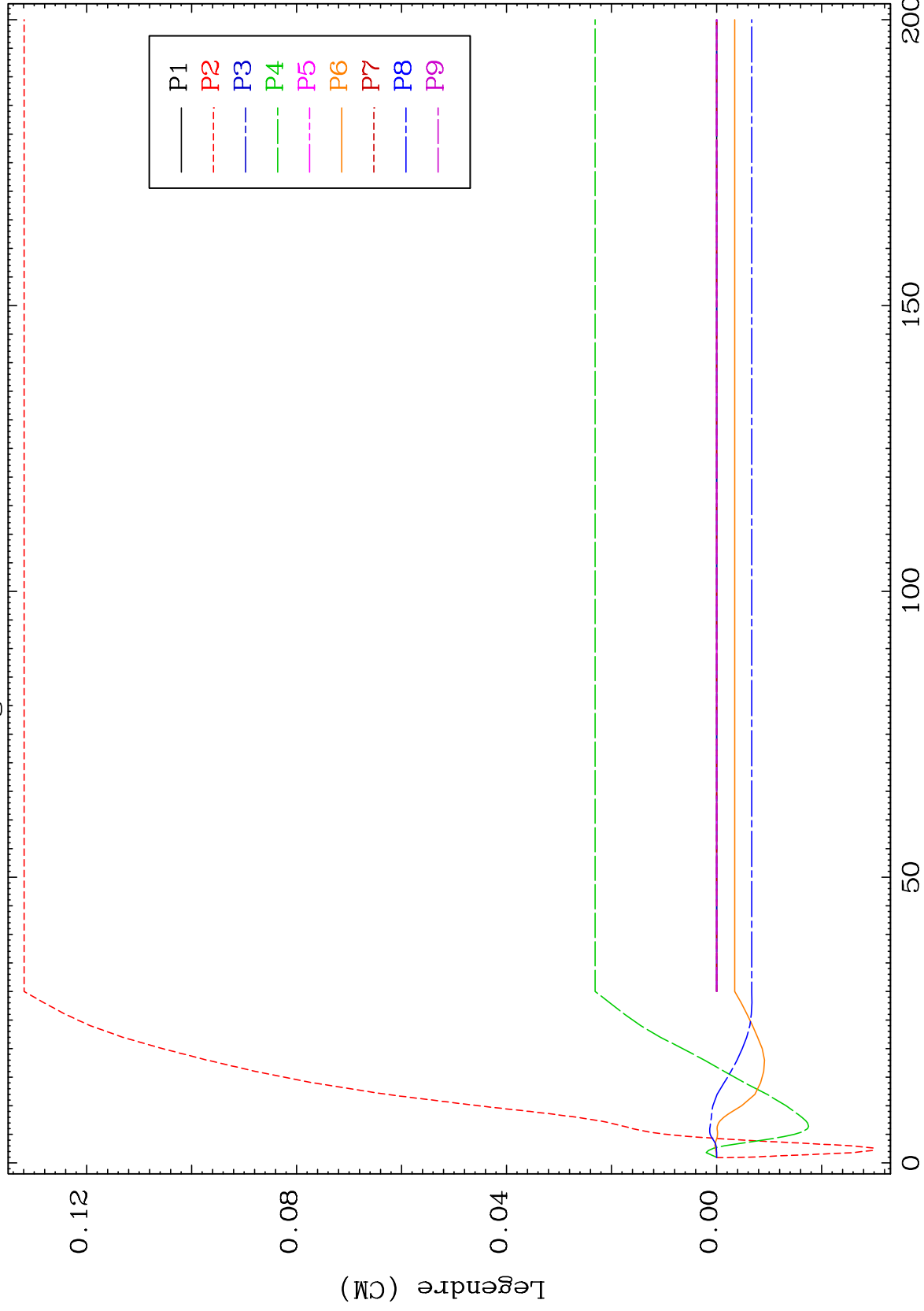
48-Cd-122

MAT 4873

MT= 52 (n,n') Level

48-Cd-122

Legendre Coefficients



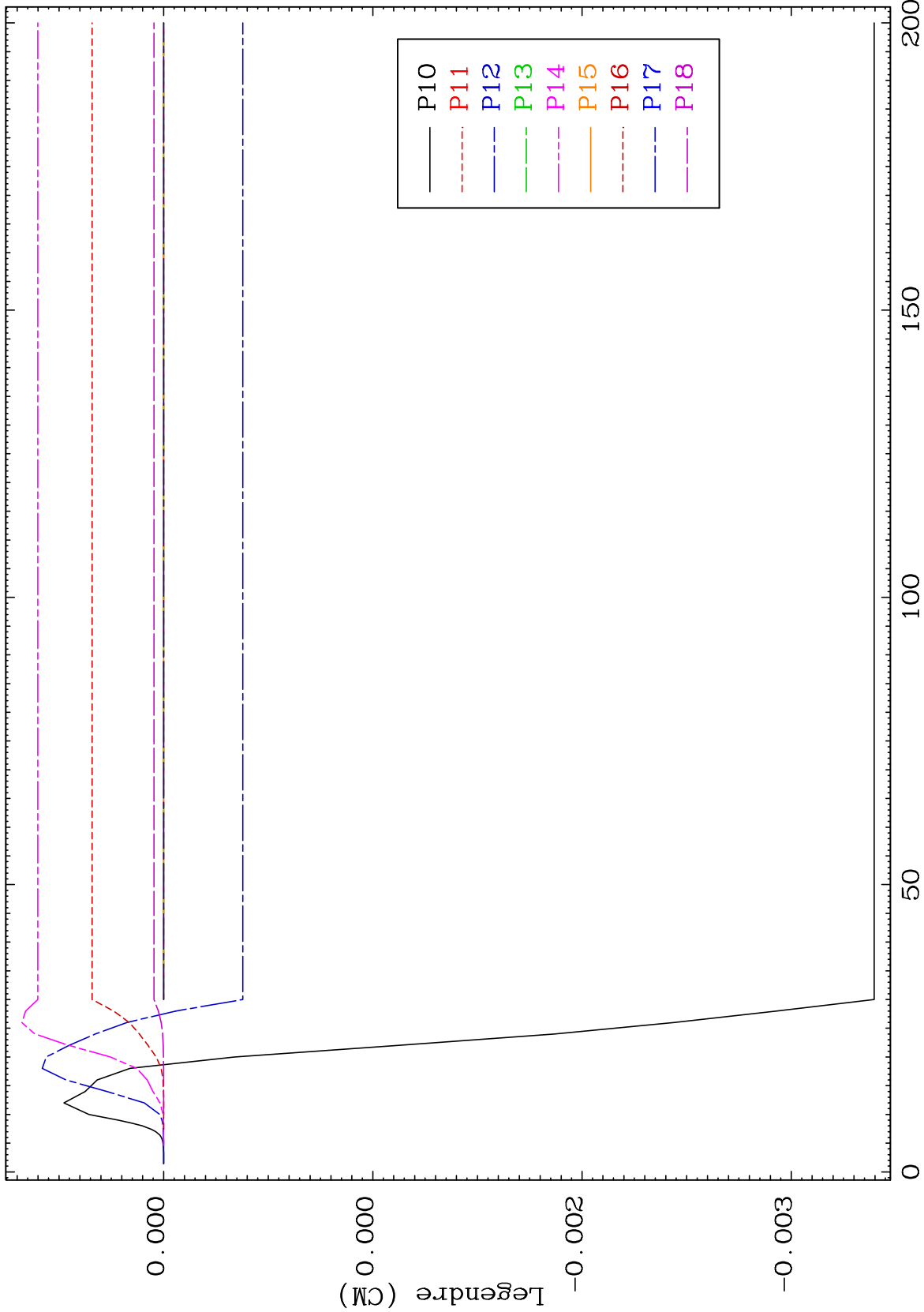
23

48-Cd-122

MAT 4873

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

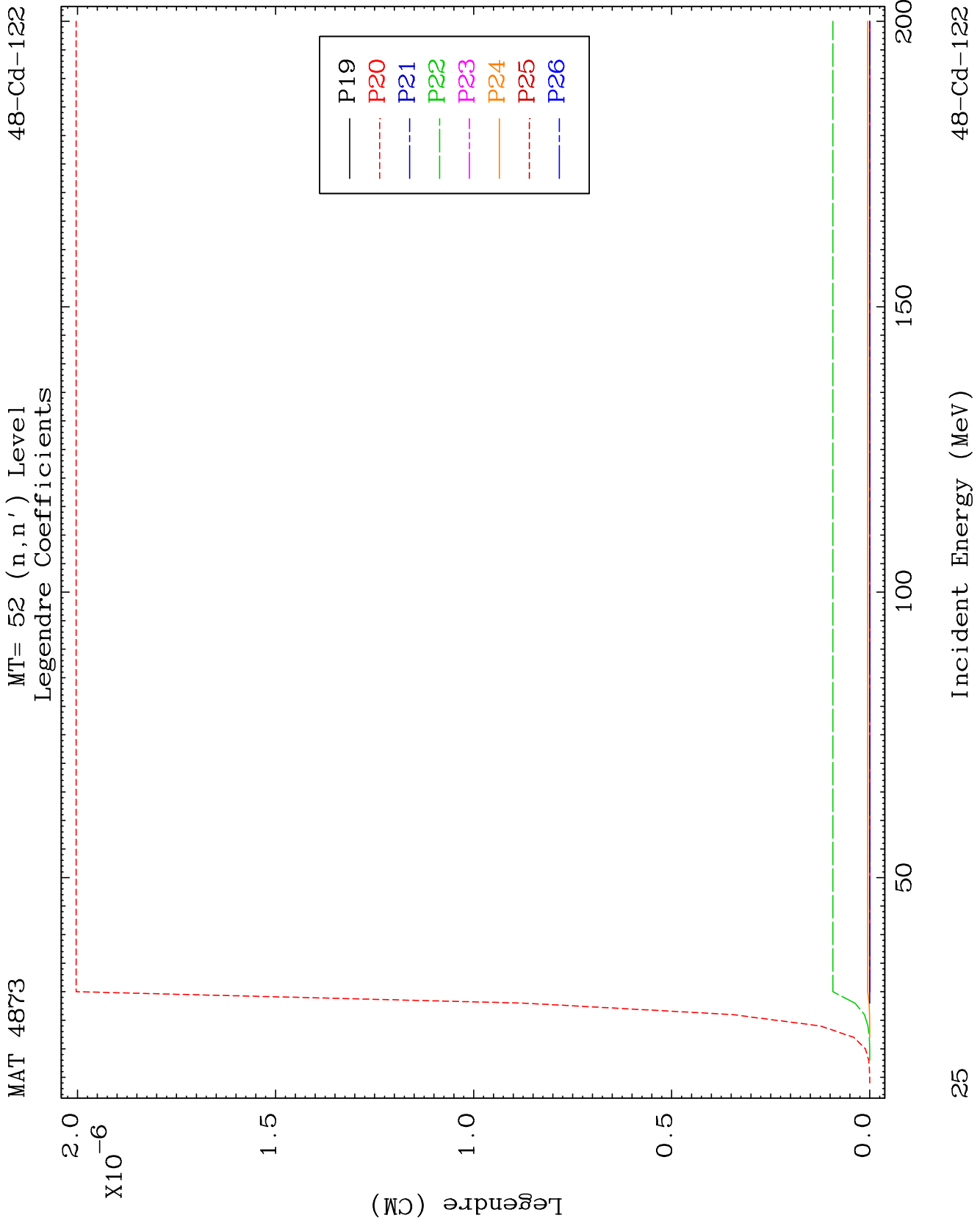
48-Cd-122



24

Incident Energy (MeV)

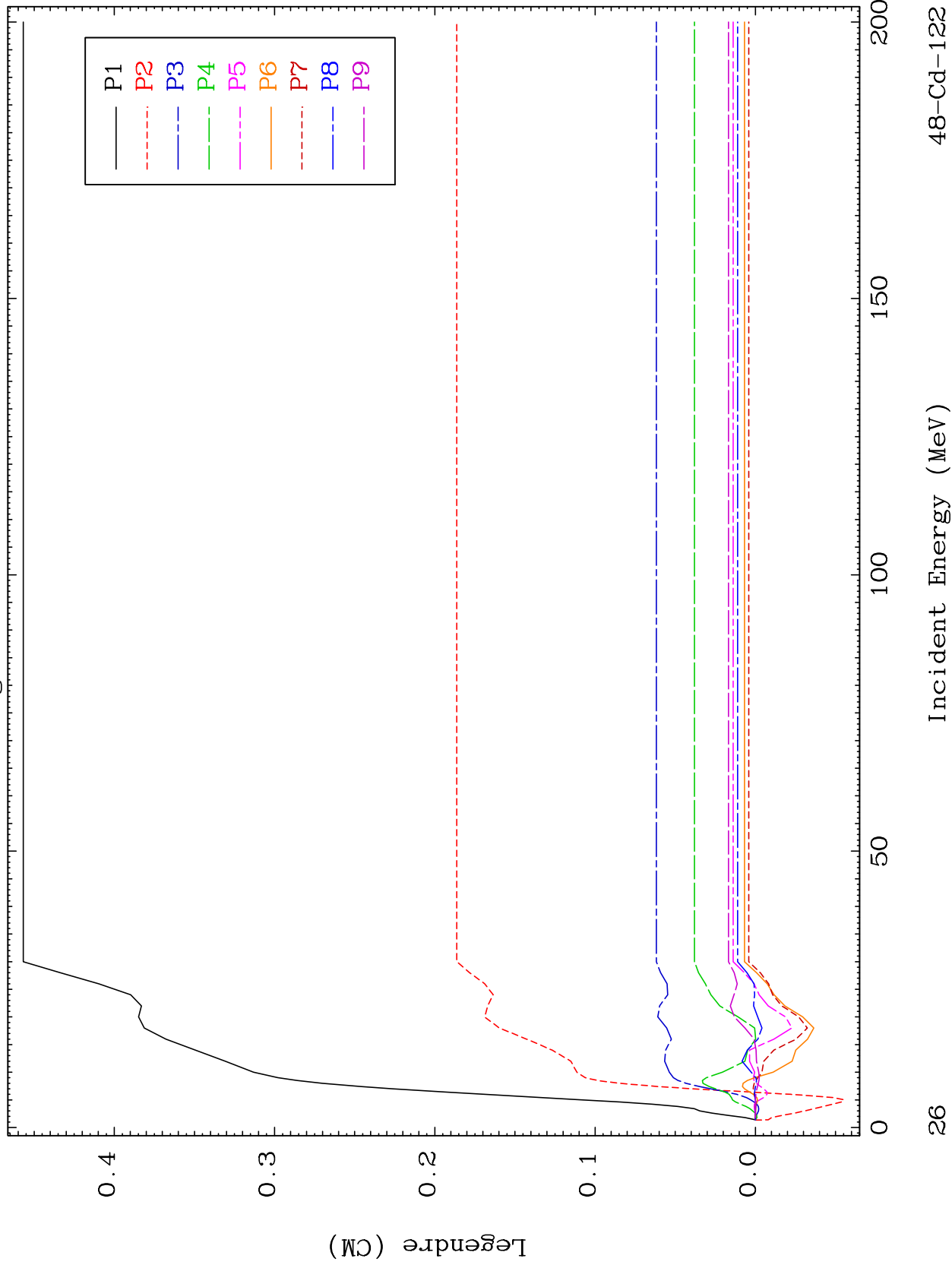
48-Cd-122



MAT 4873

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

48-Cd-122



48-Cd-122

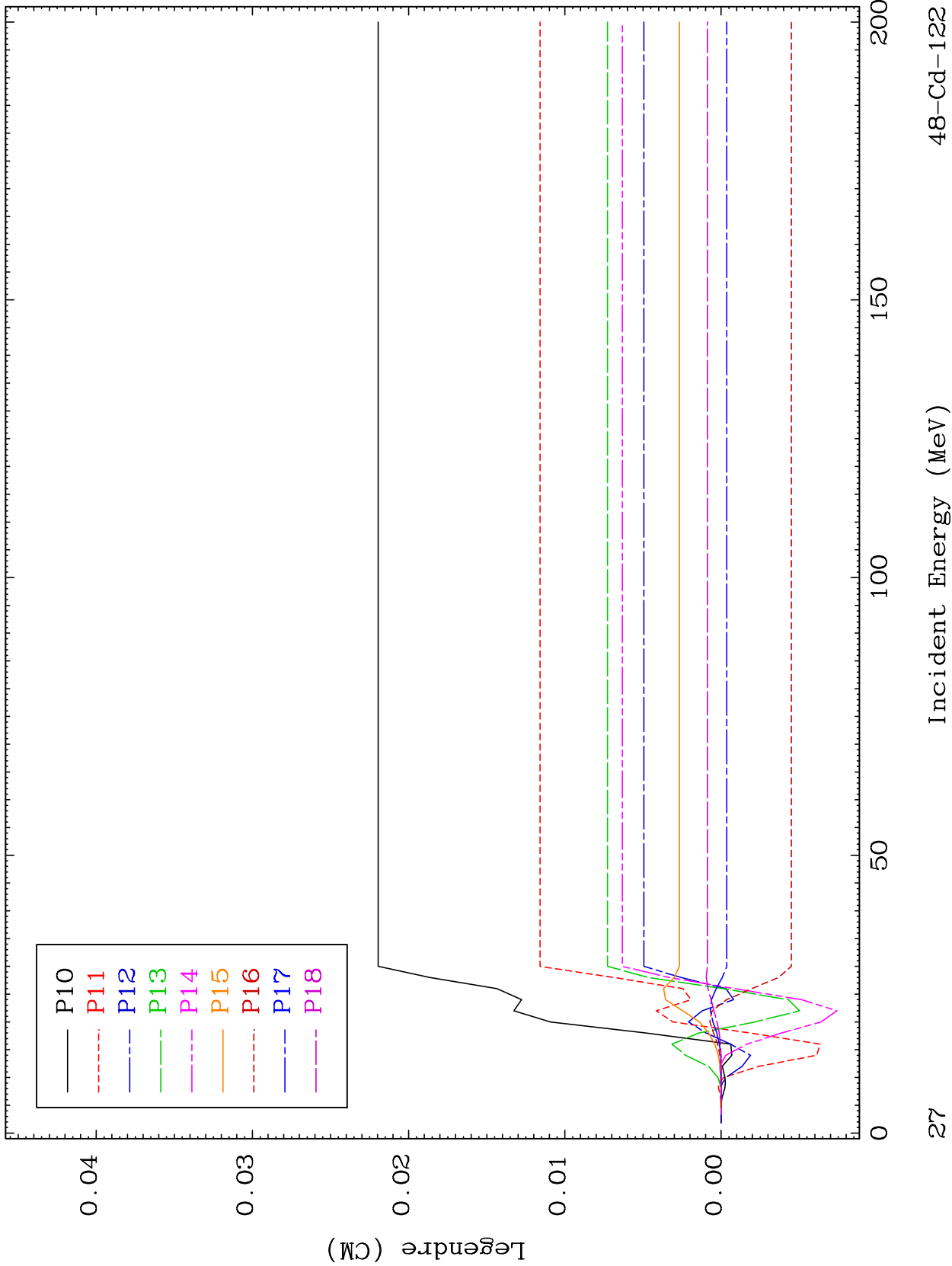
Incident Energy (MeV)

26

MAT 4873

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

48-Cd-122



27

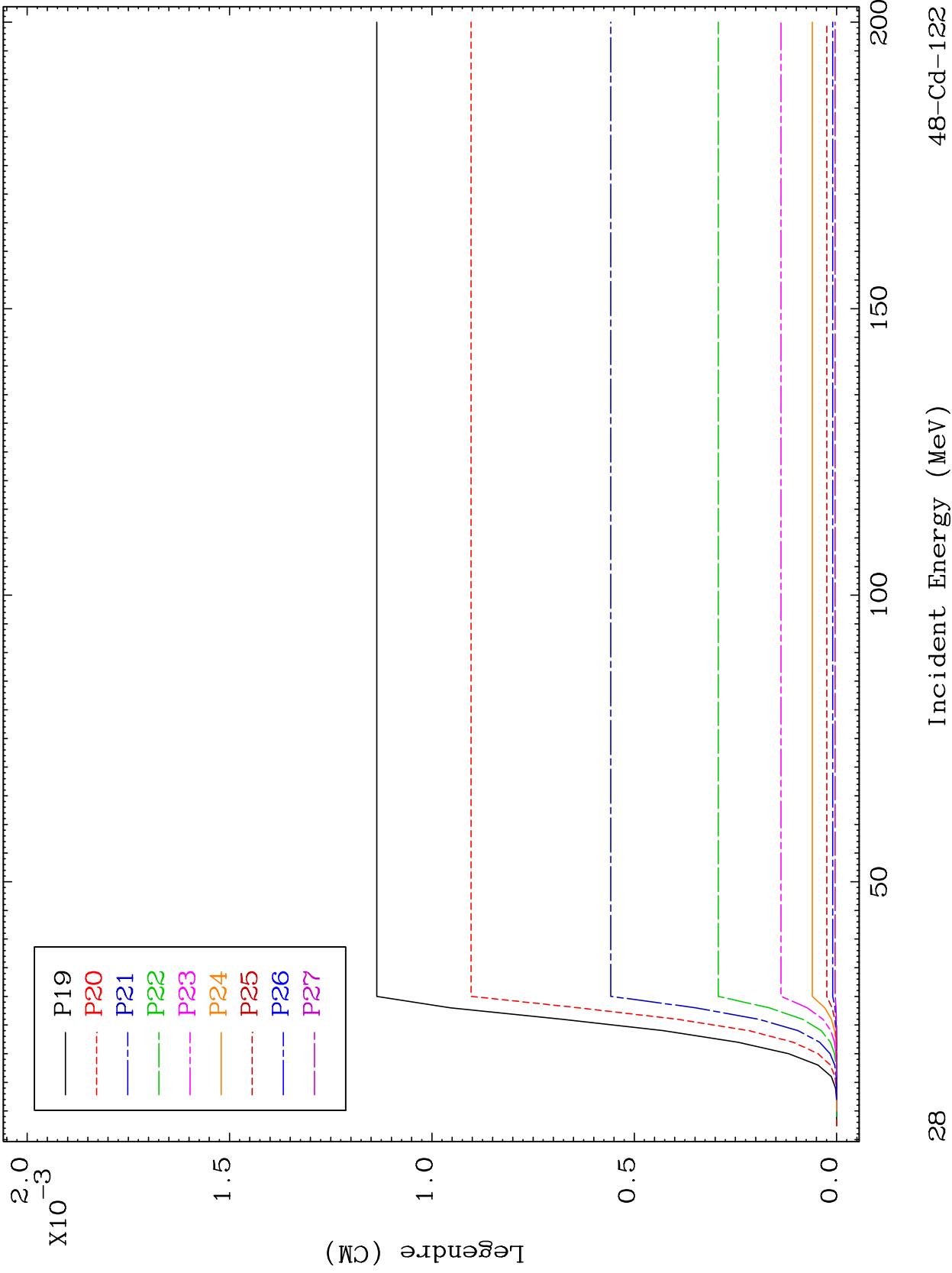
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



28

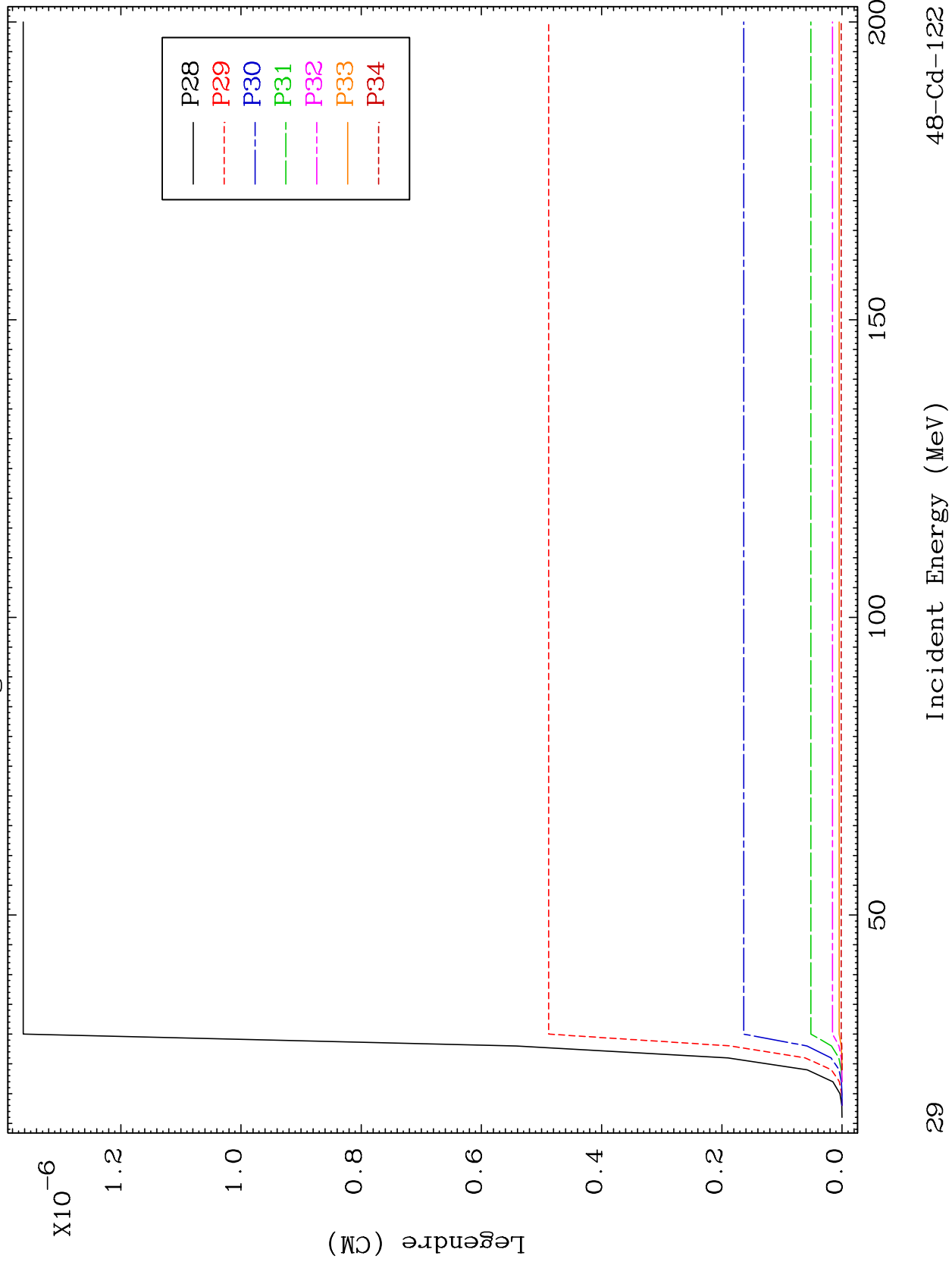
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

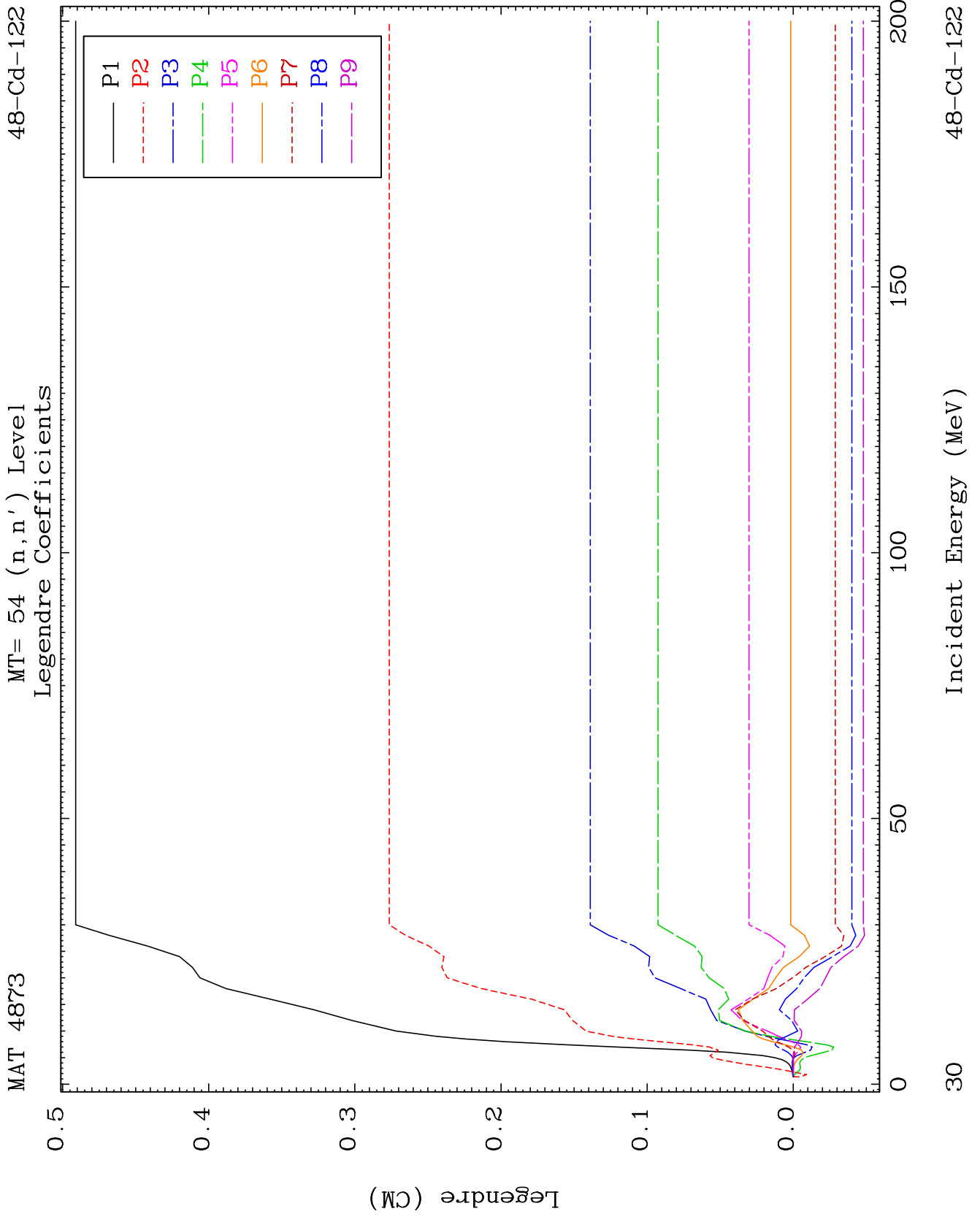
48-Cd-122



29

Incident Energy (MeV)

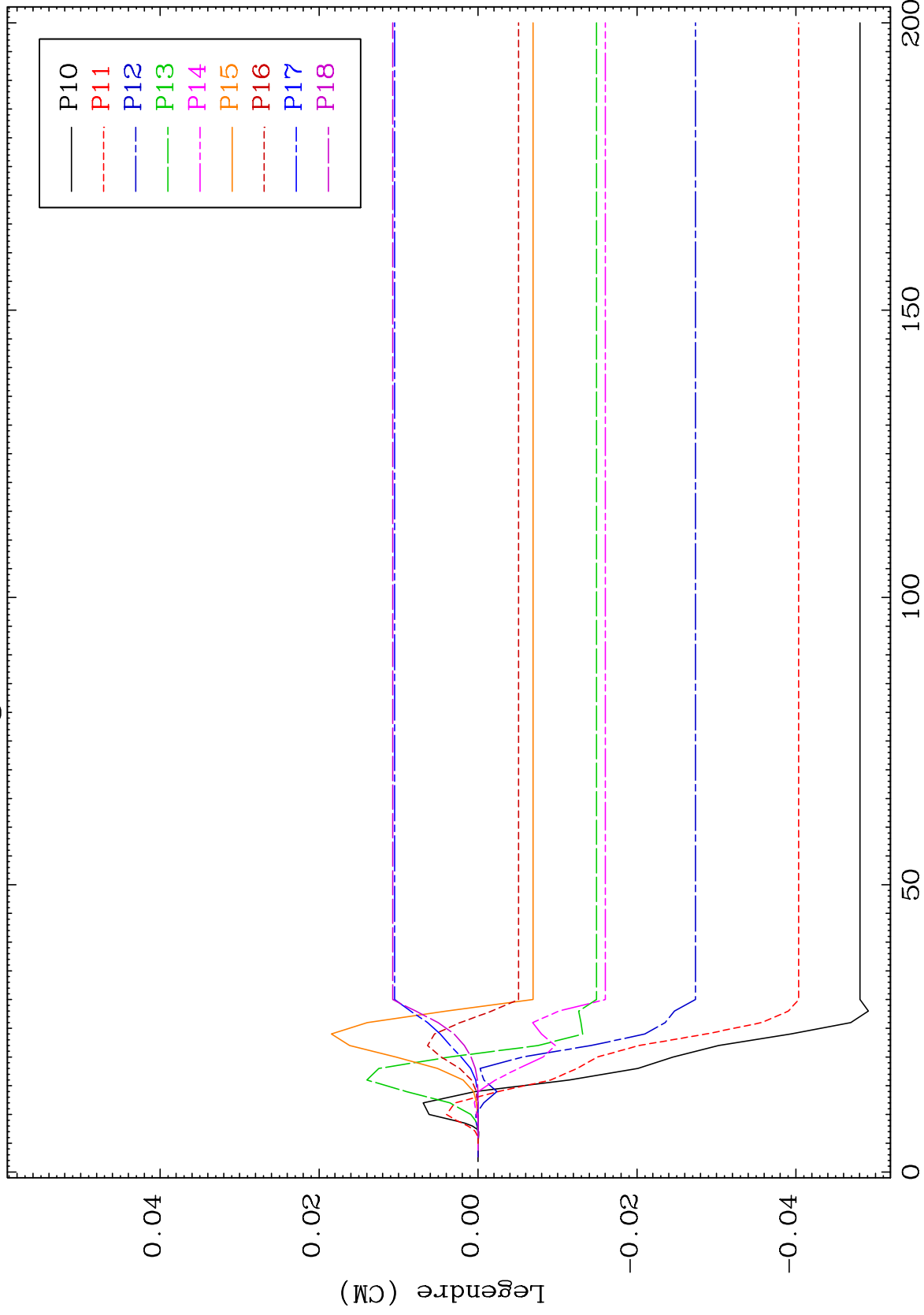
48-Cd-122



MAT 4873

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

48-Cd-122



31

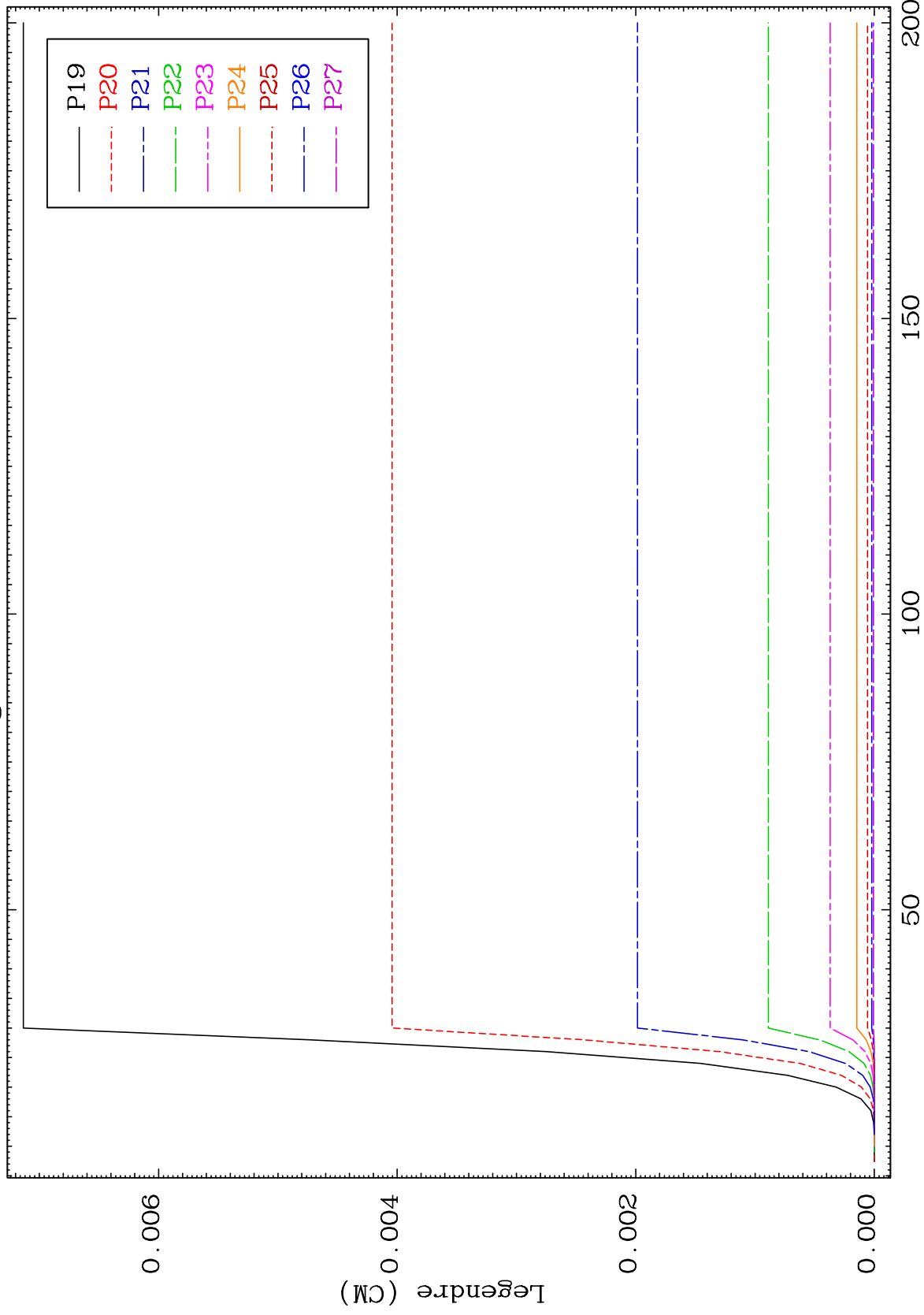
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



32

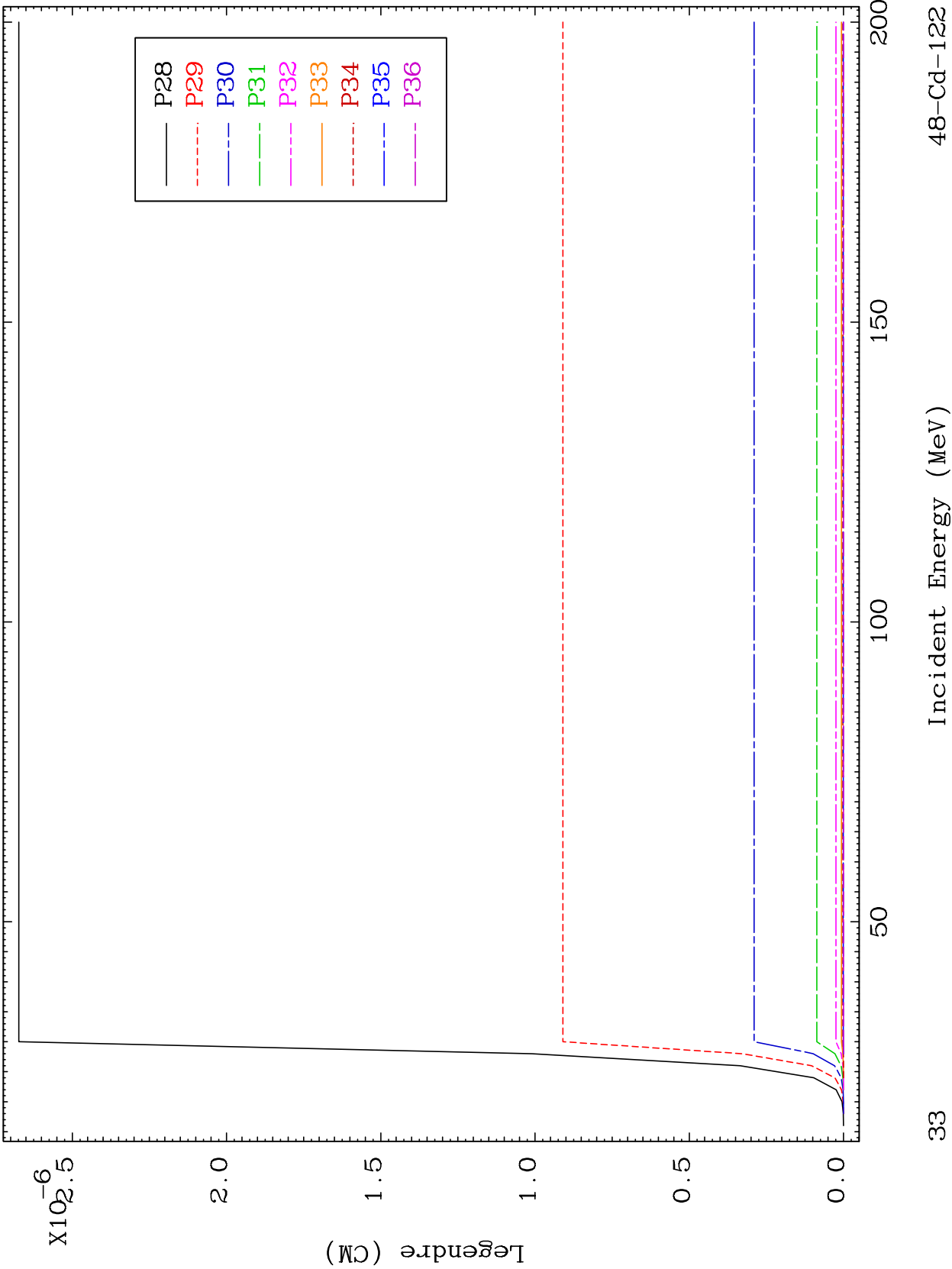
Incident Energy (MeV)

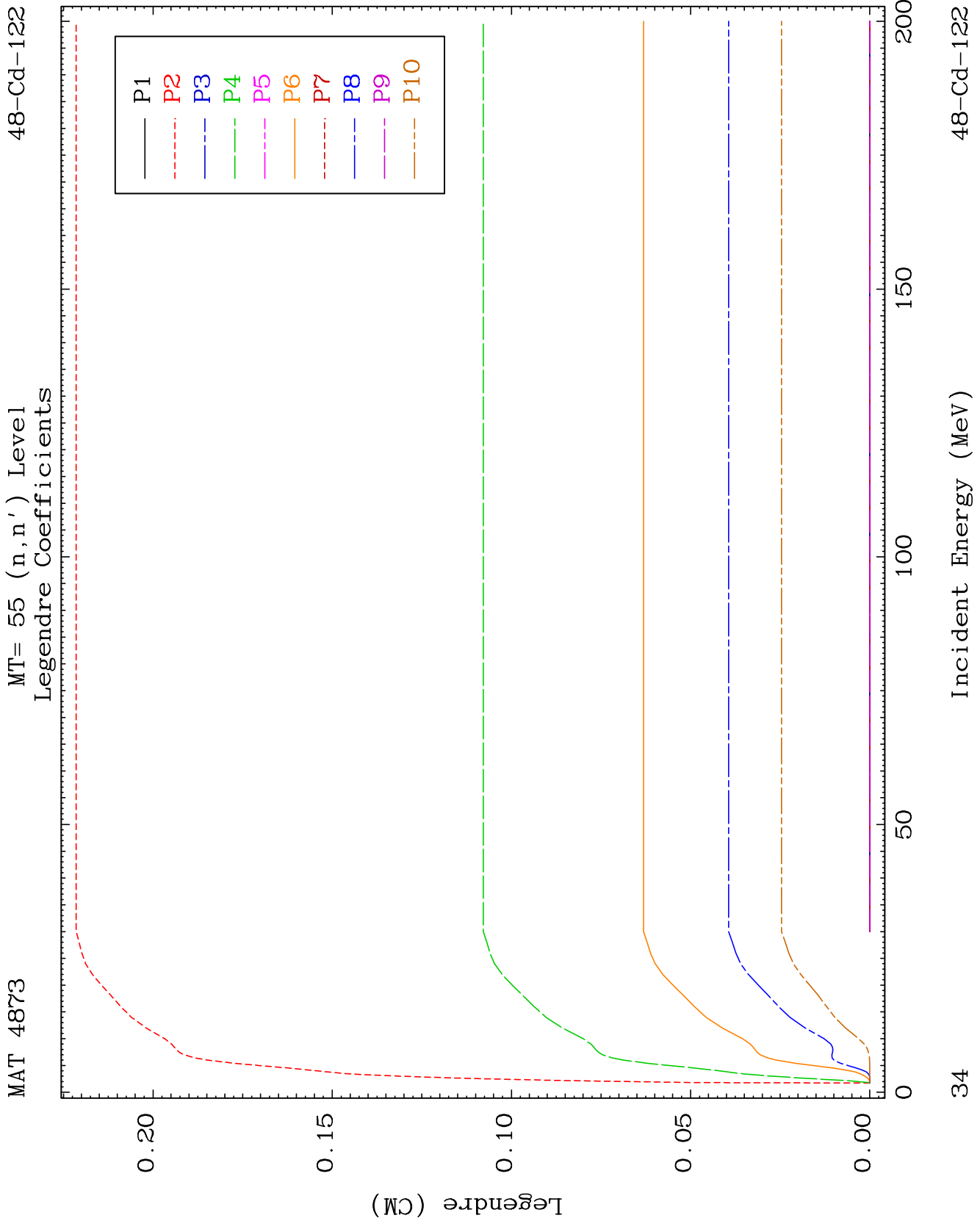
48-Cd-122

MAT 4873

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

48-Cd-122

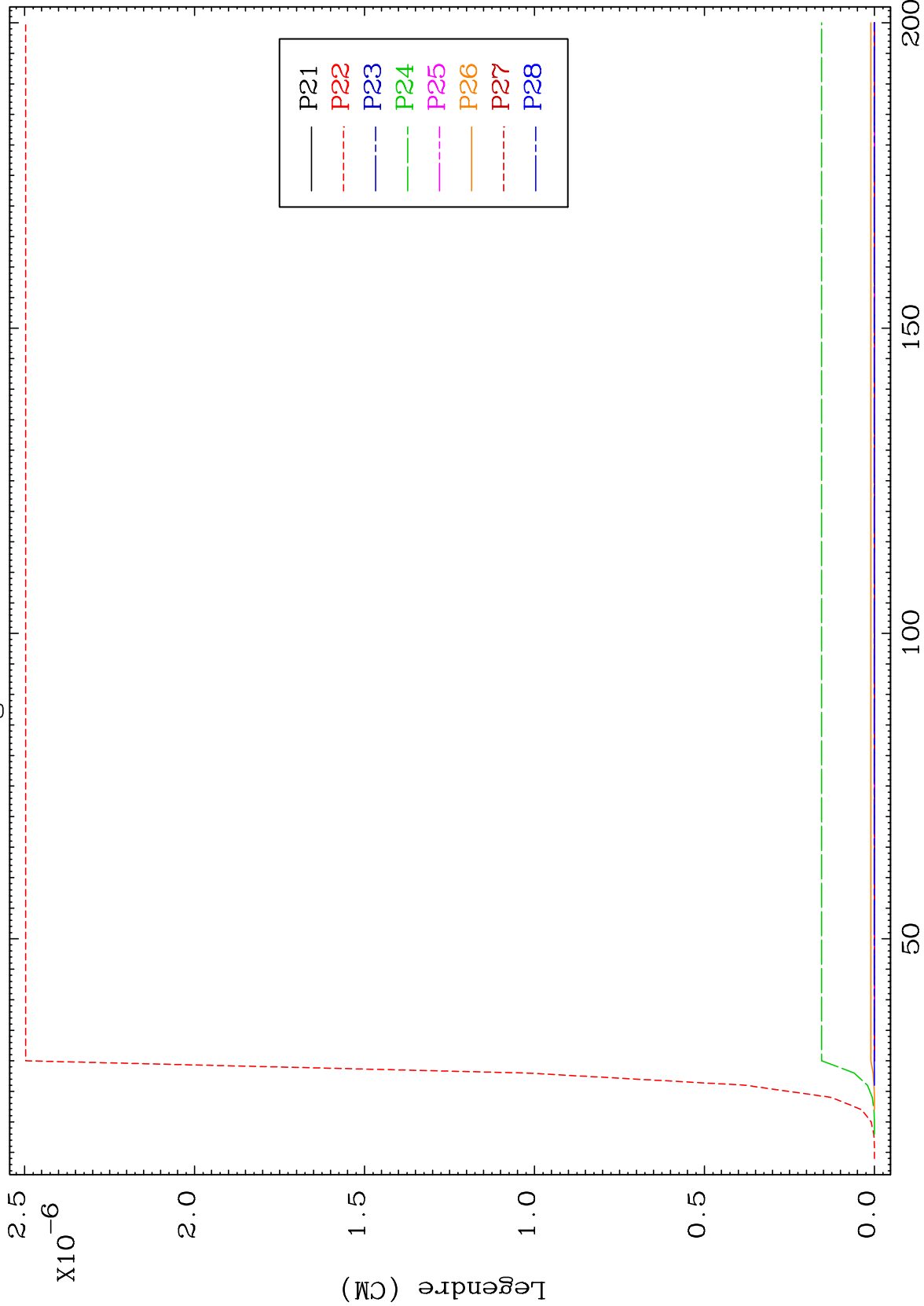




MAT 4873

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

48-Cd-122



36

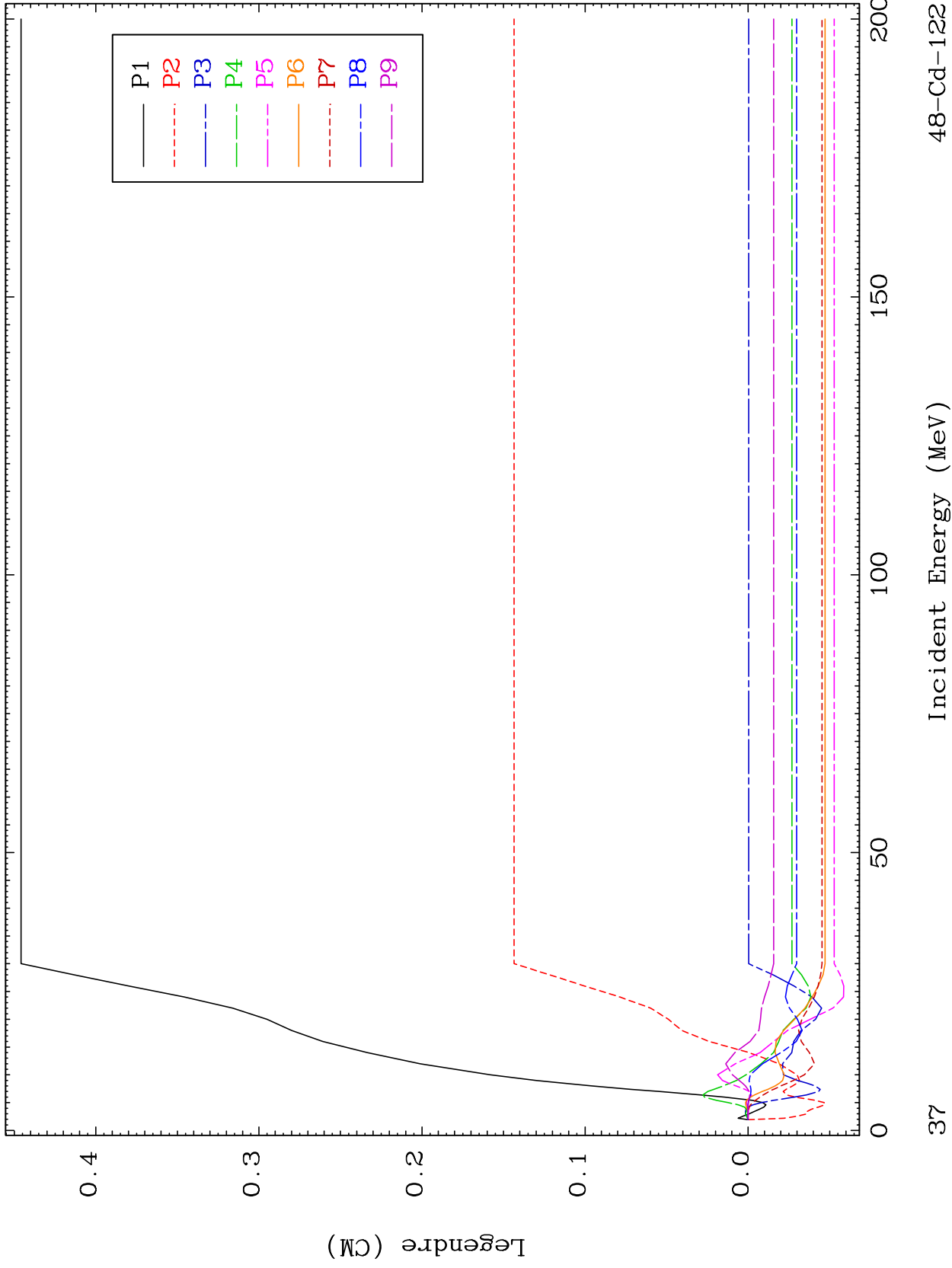
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



37

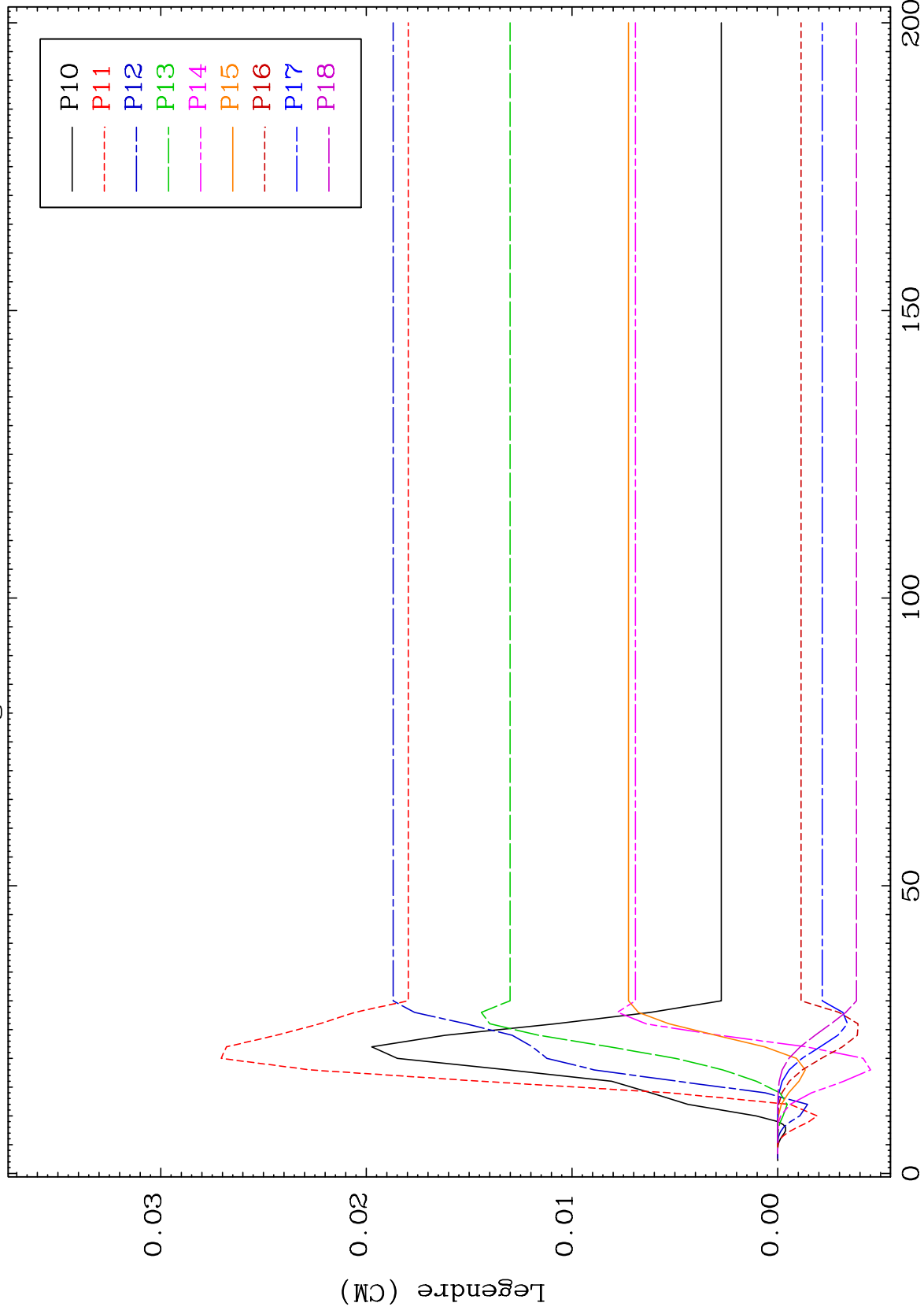
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



38

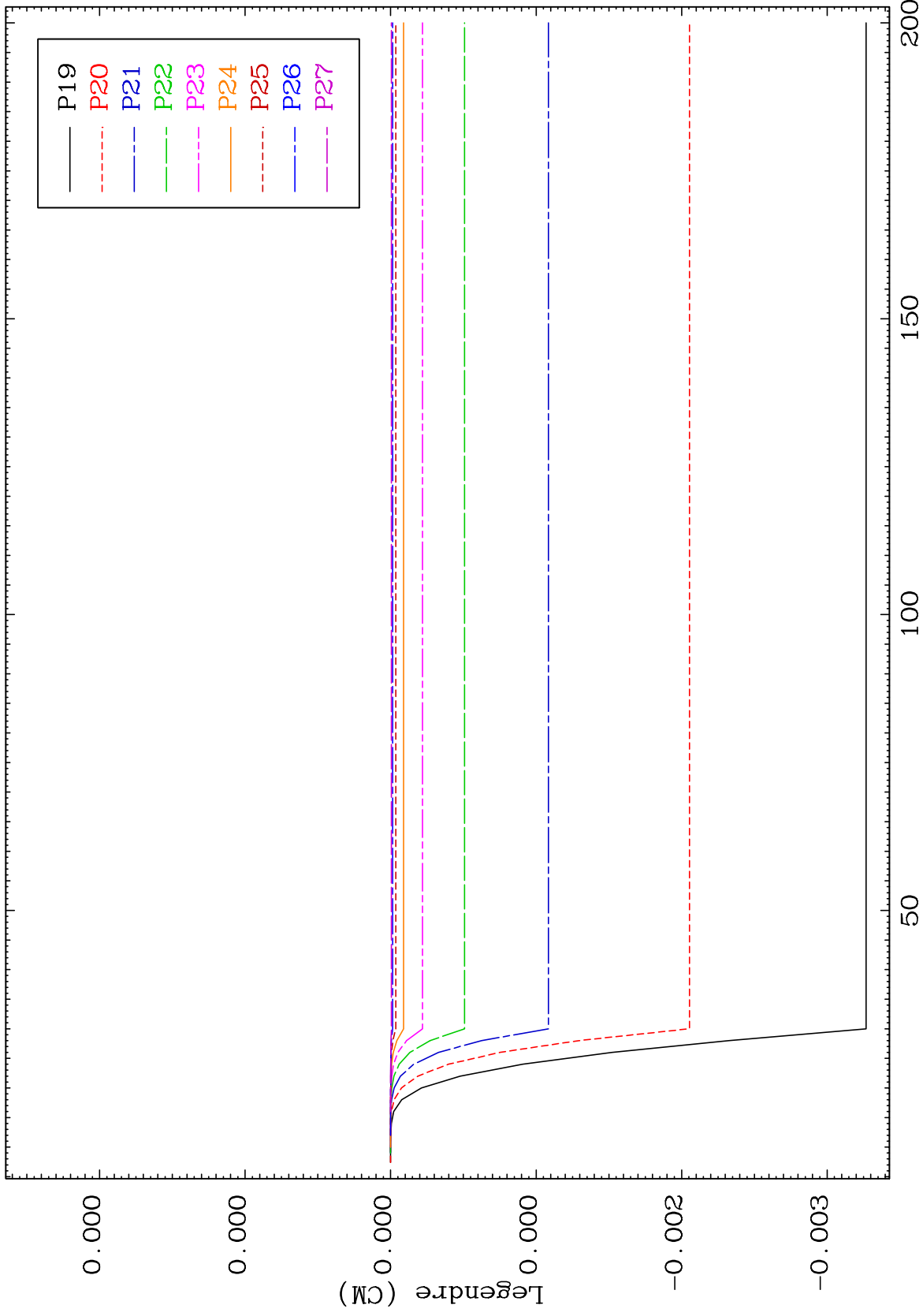
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

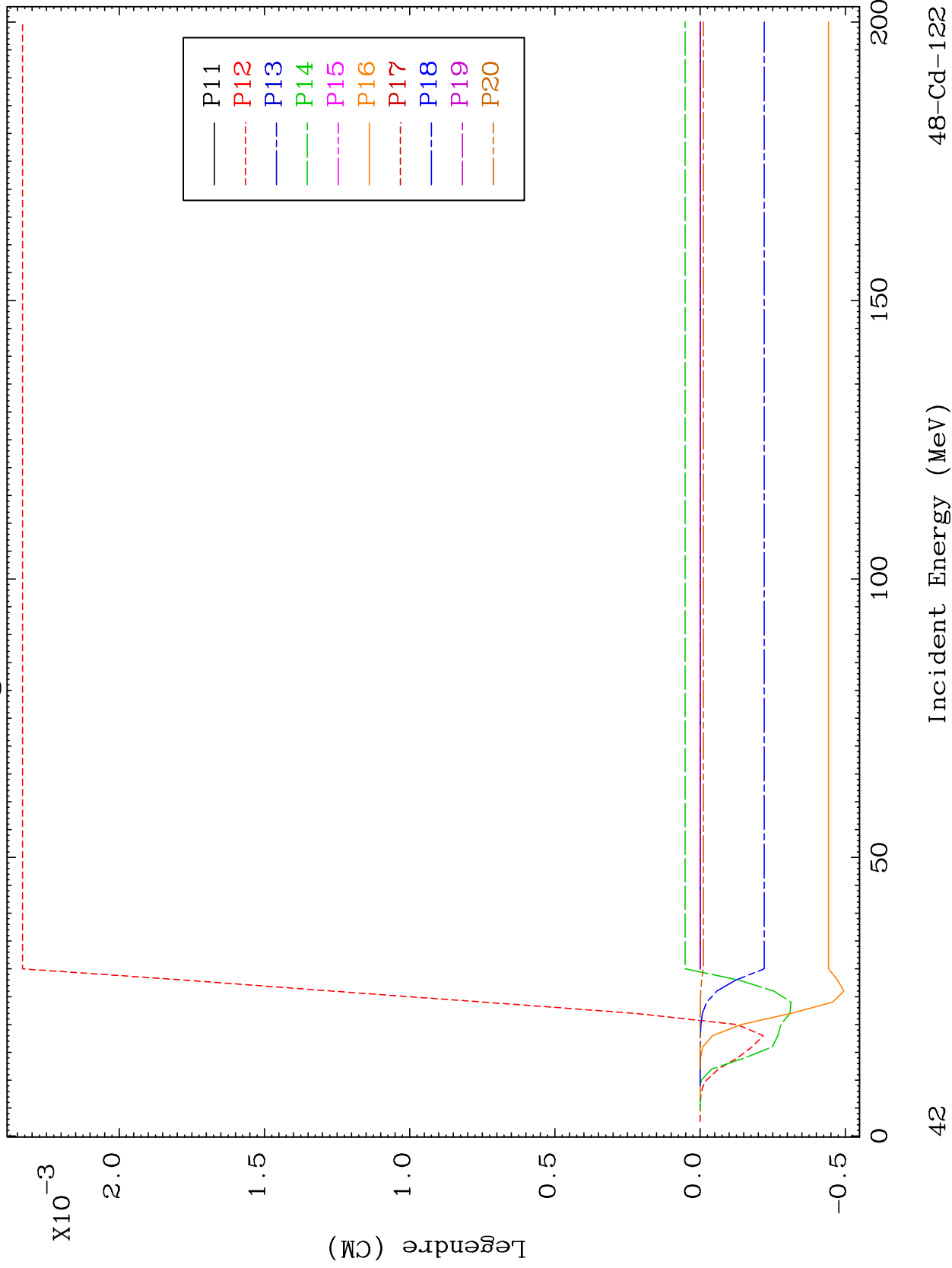


MAT 4873

MT= 57 (n,n') Level

48-Cd-122

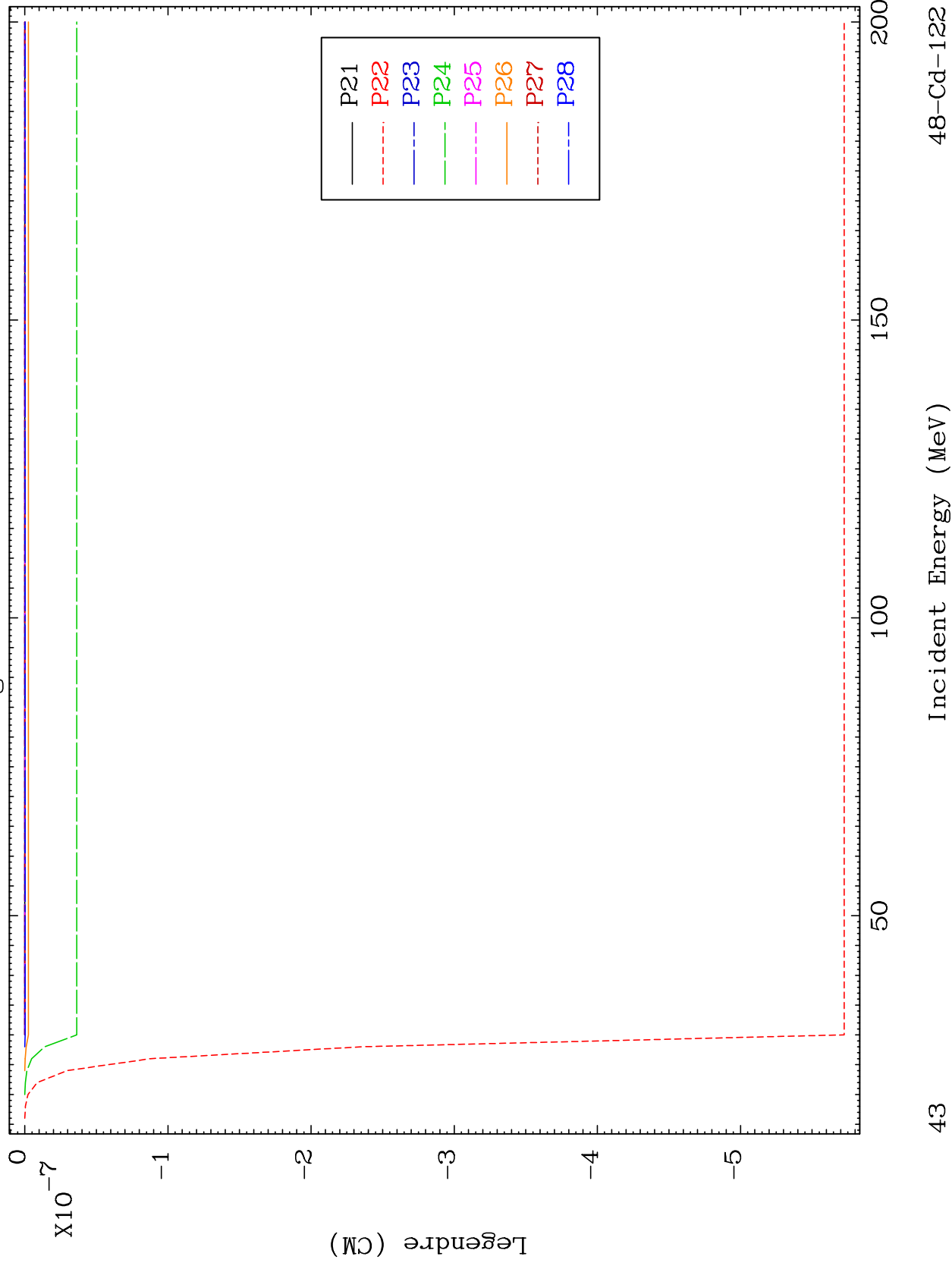
Legendre Coefficients



MAT 4873

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

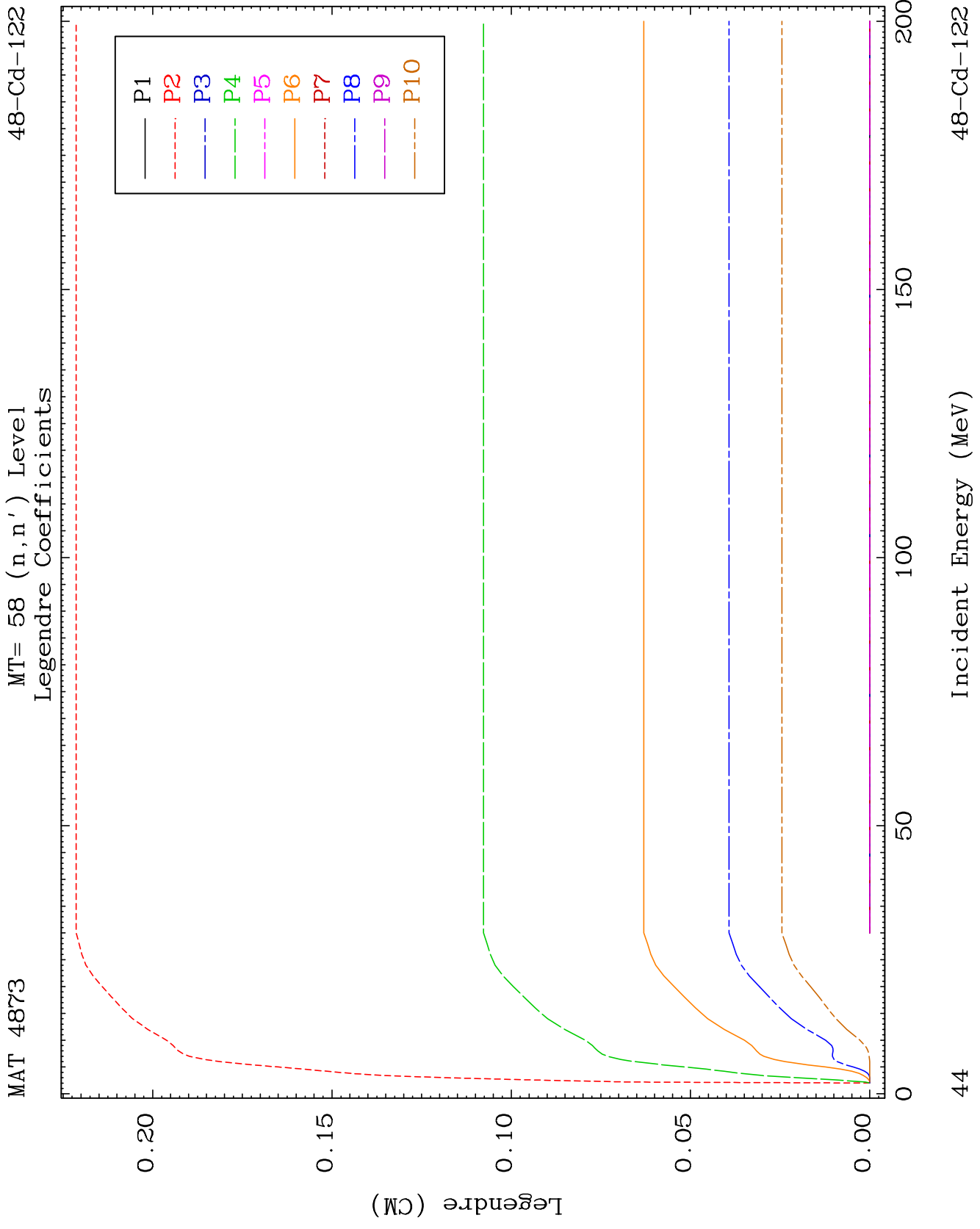
48-Cd-122

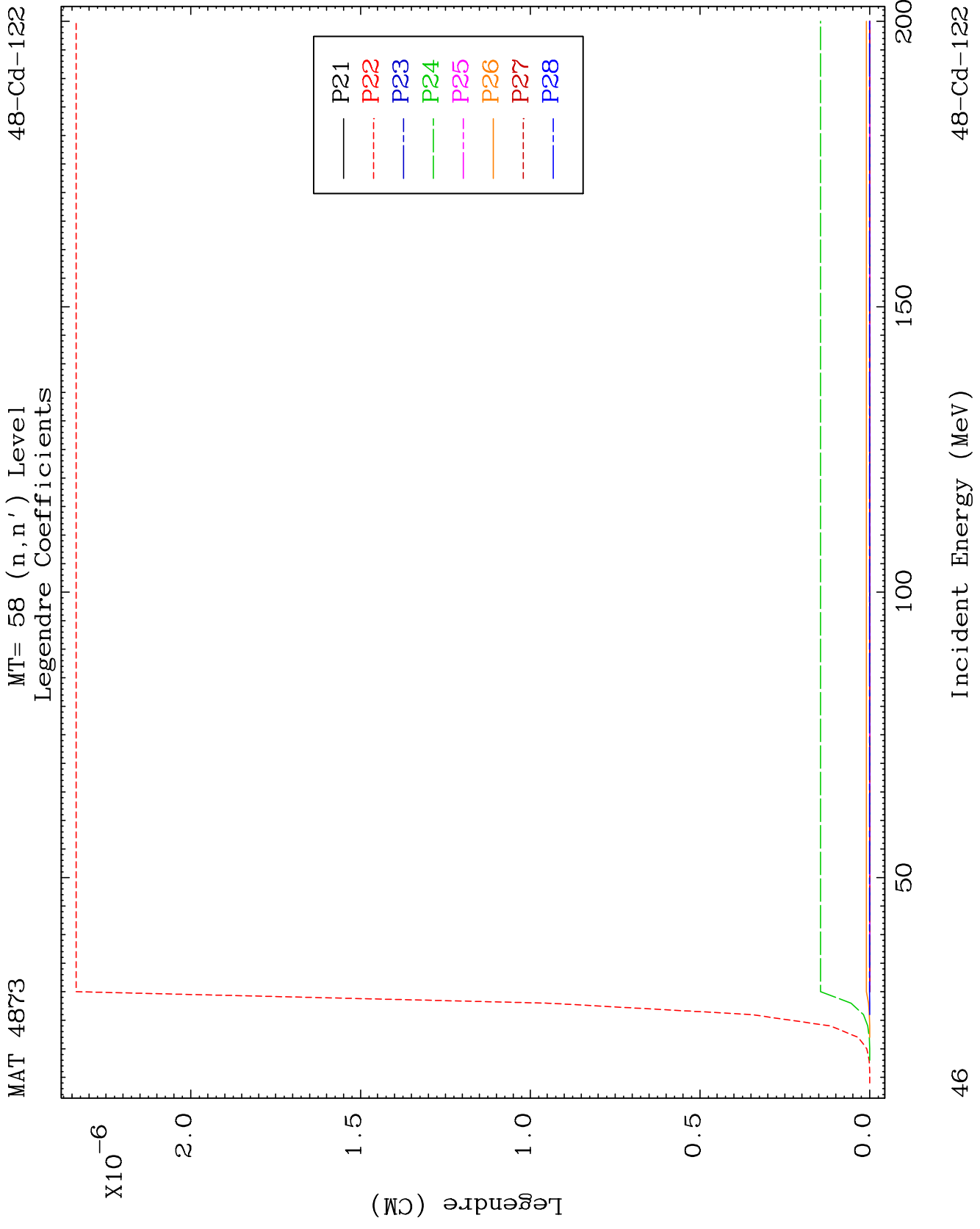


43

Incident Energy (MeV)

48-Cd-122

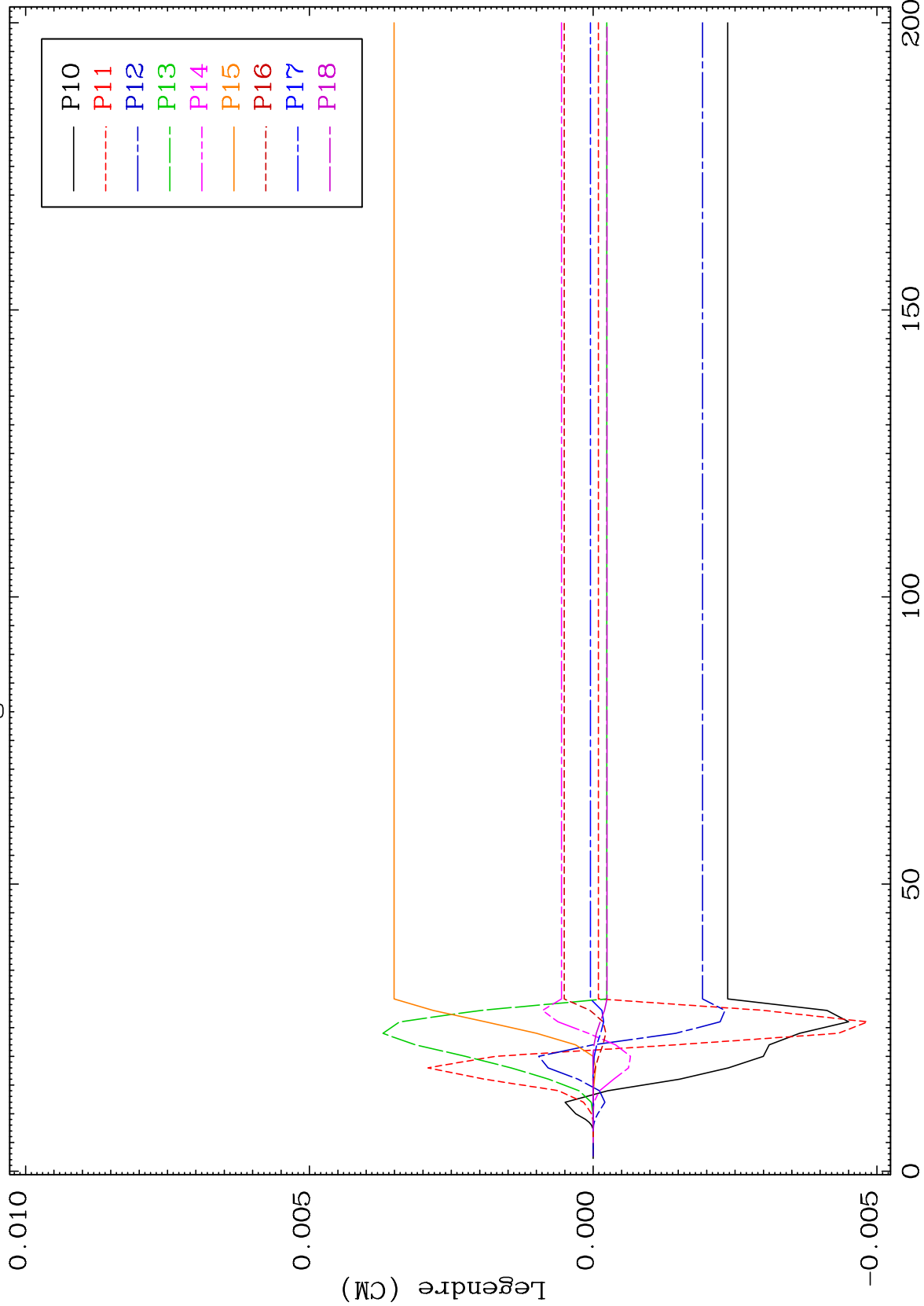




MAT 4873

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

48-Cd-122



48

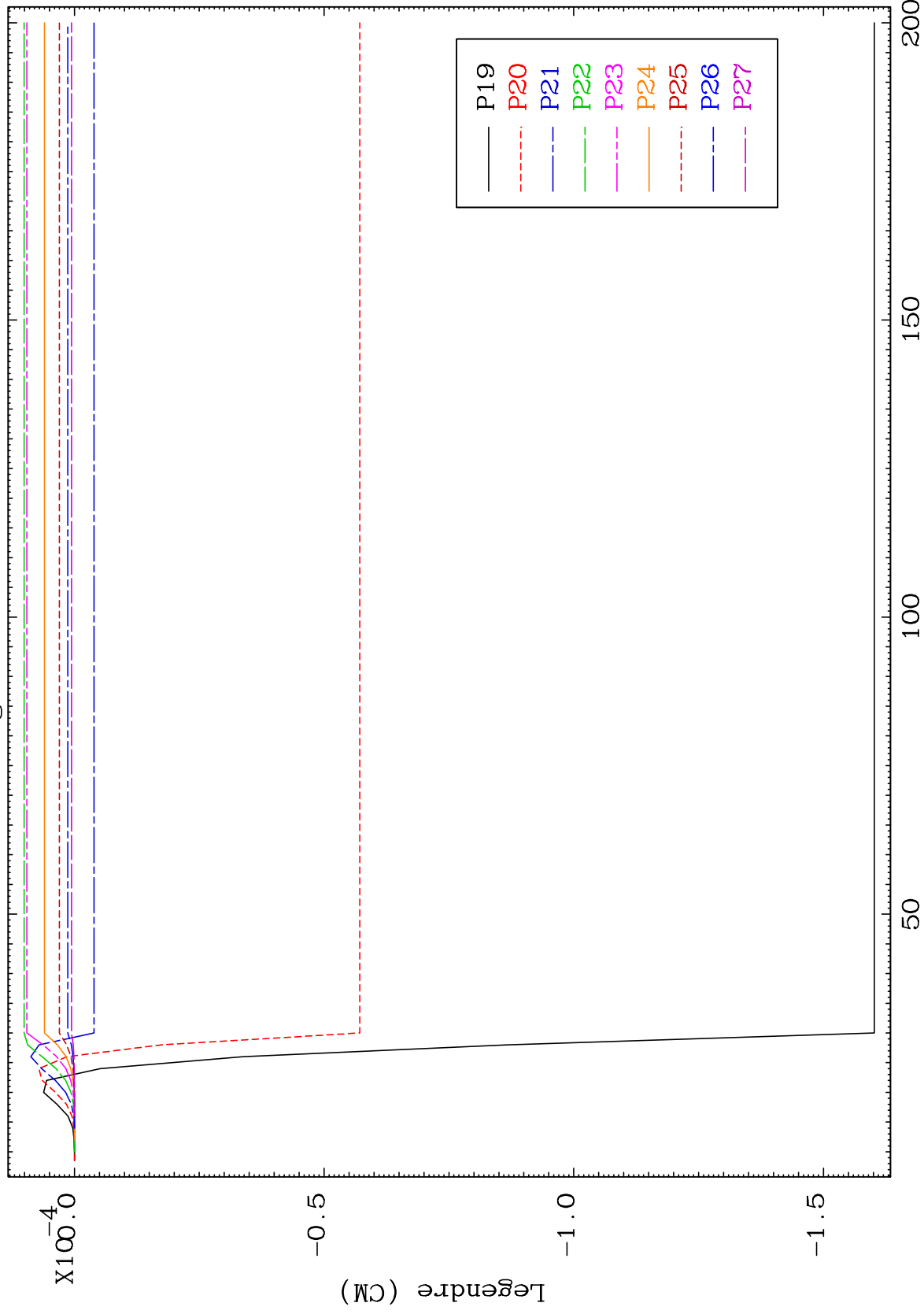
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

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



49

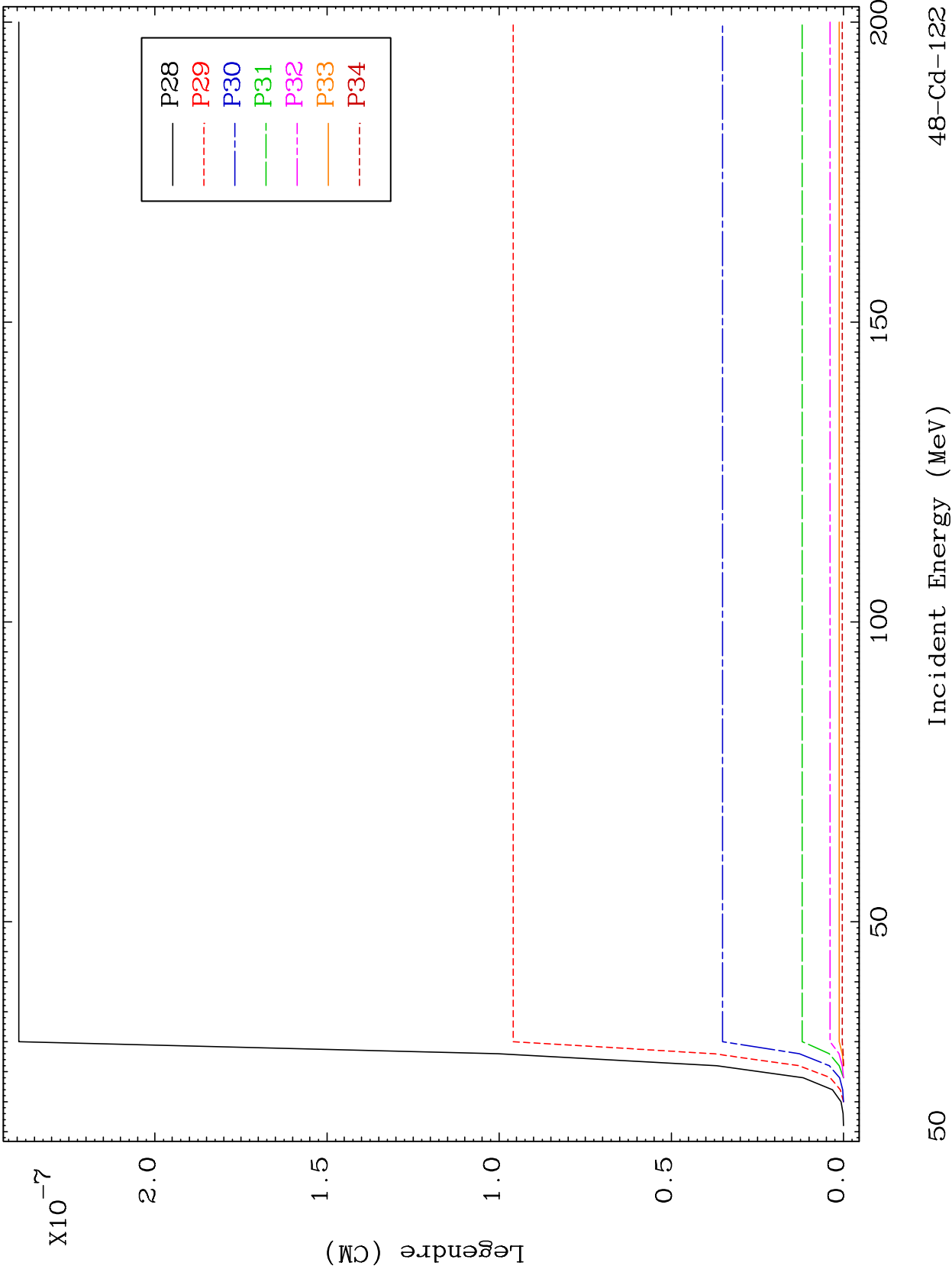
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

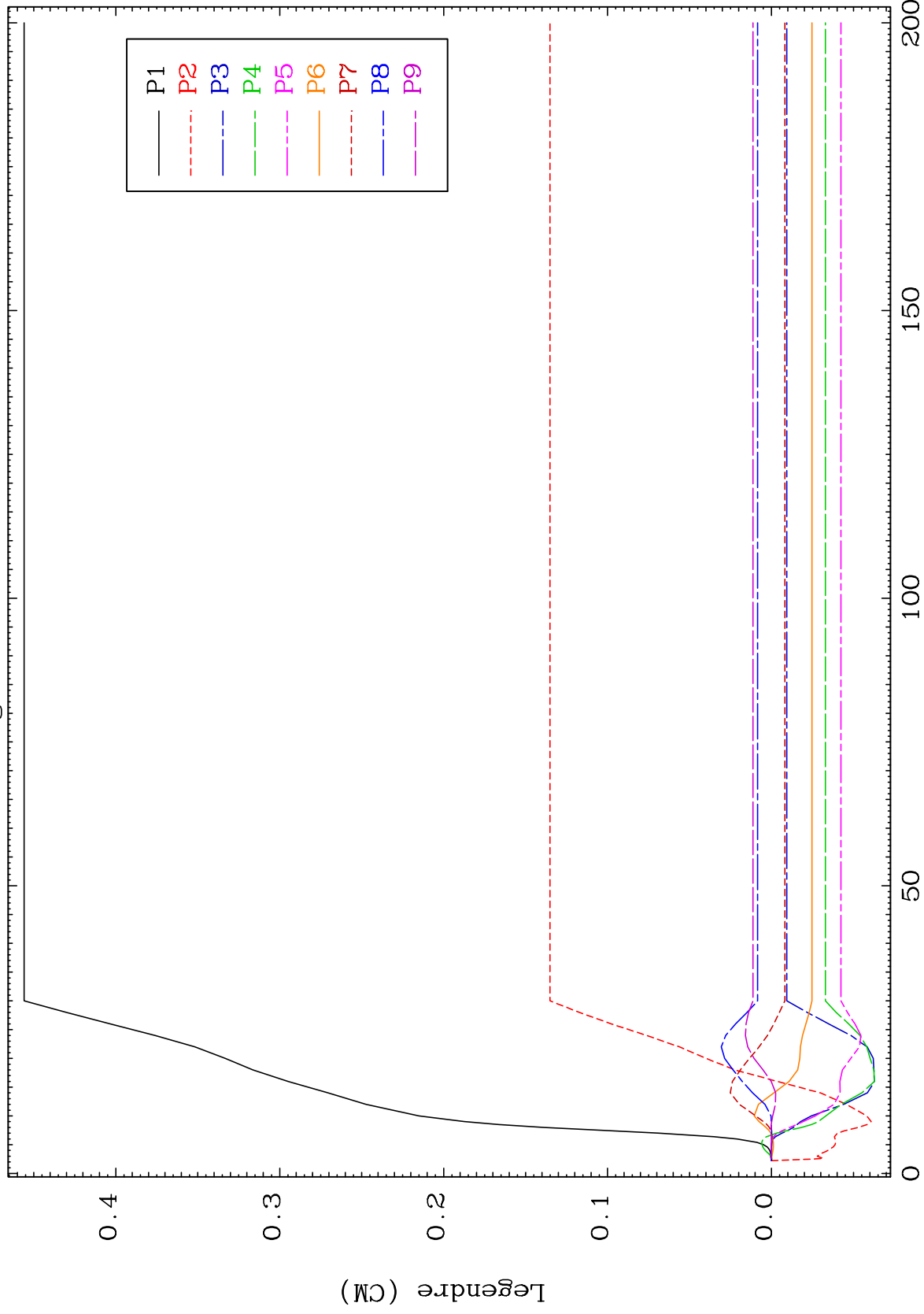
48-Cd-122



MAT 4873

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

48-Cd-122



51

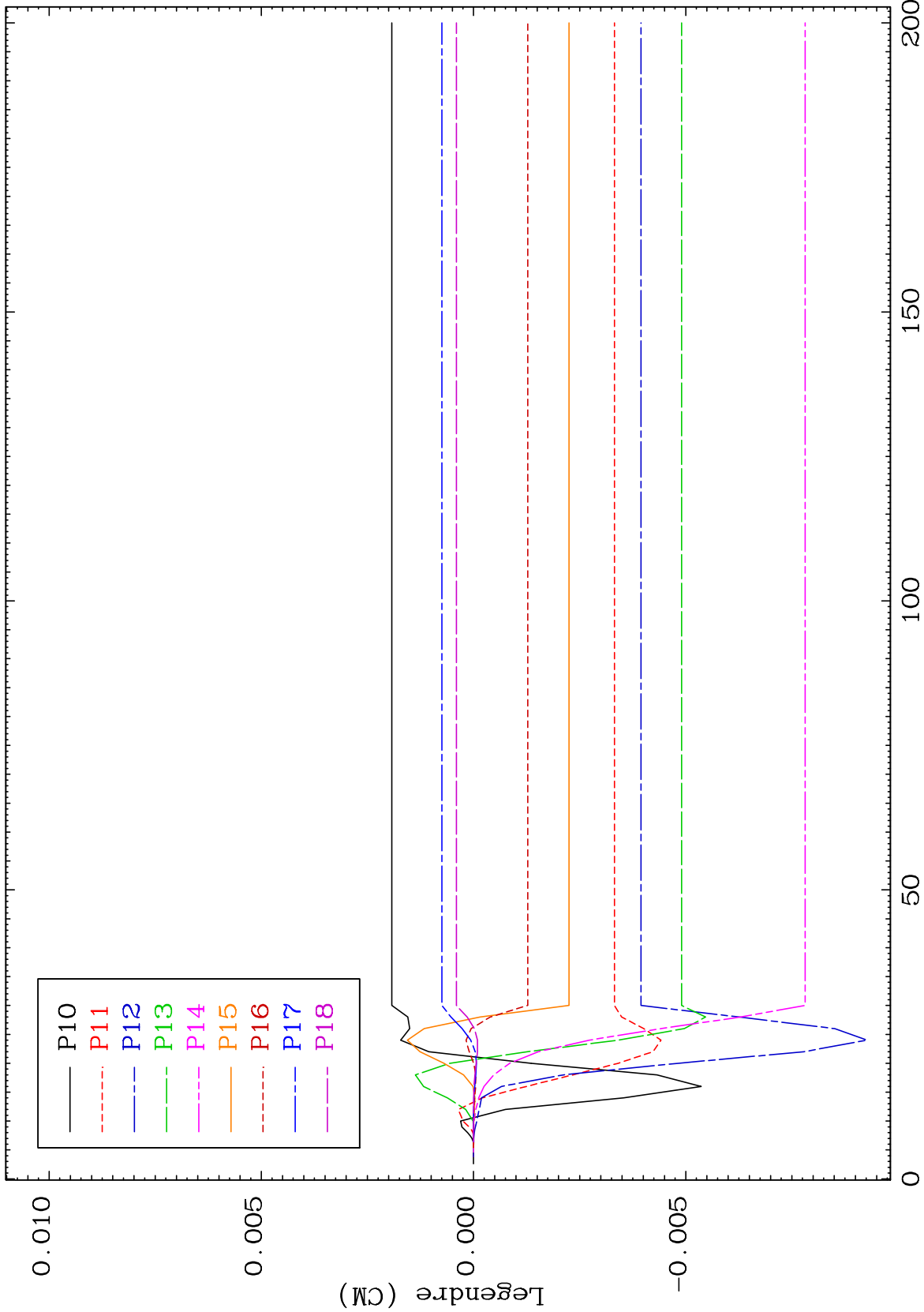
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



52

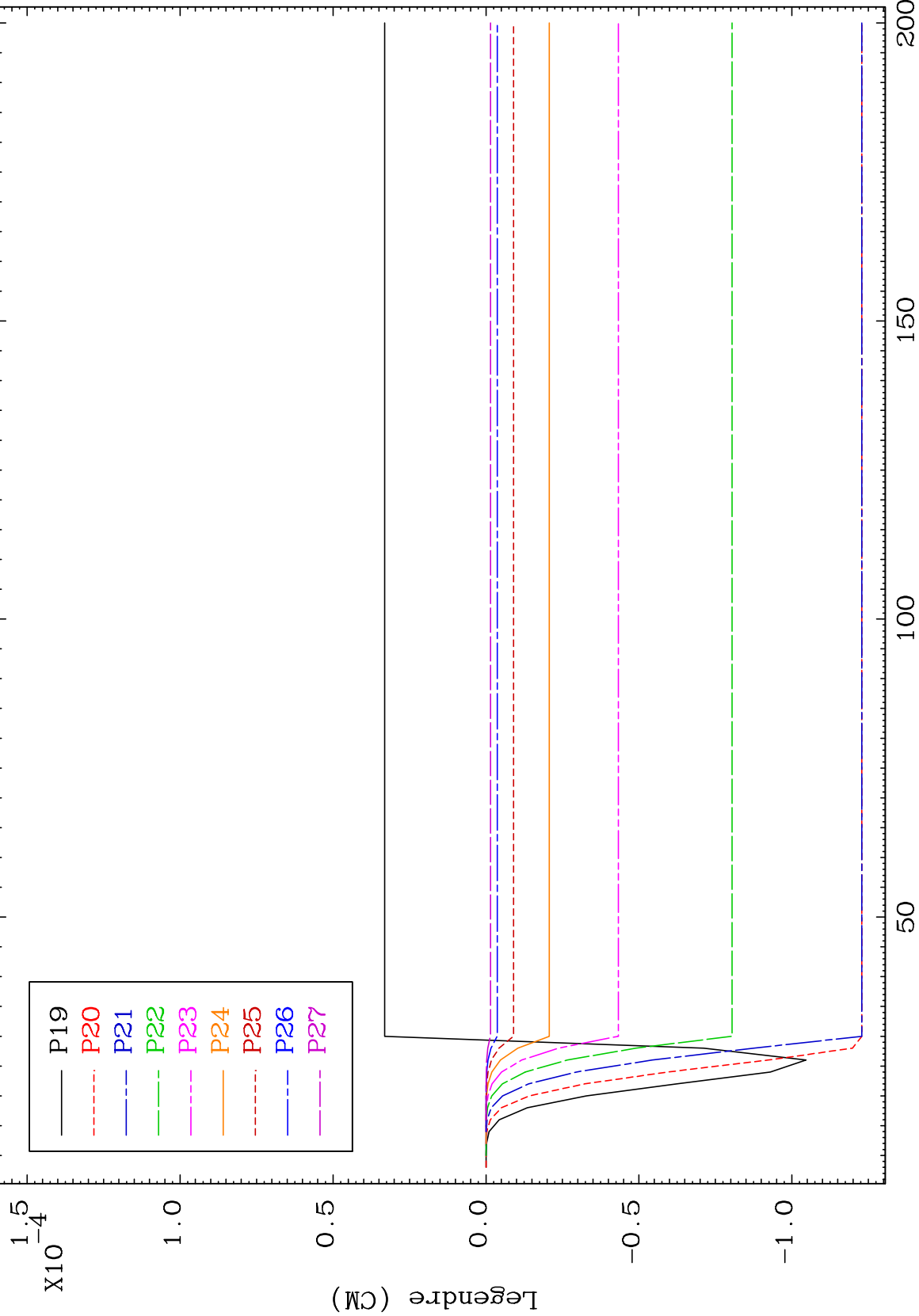
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



53

Incident Energy (MeV)

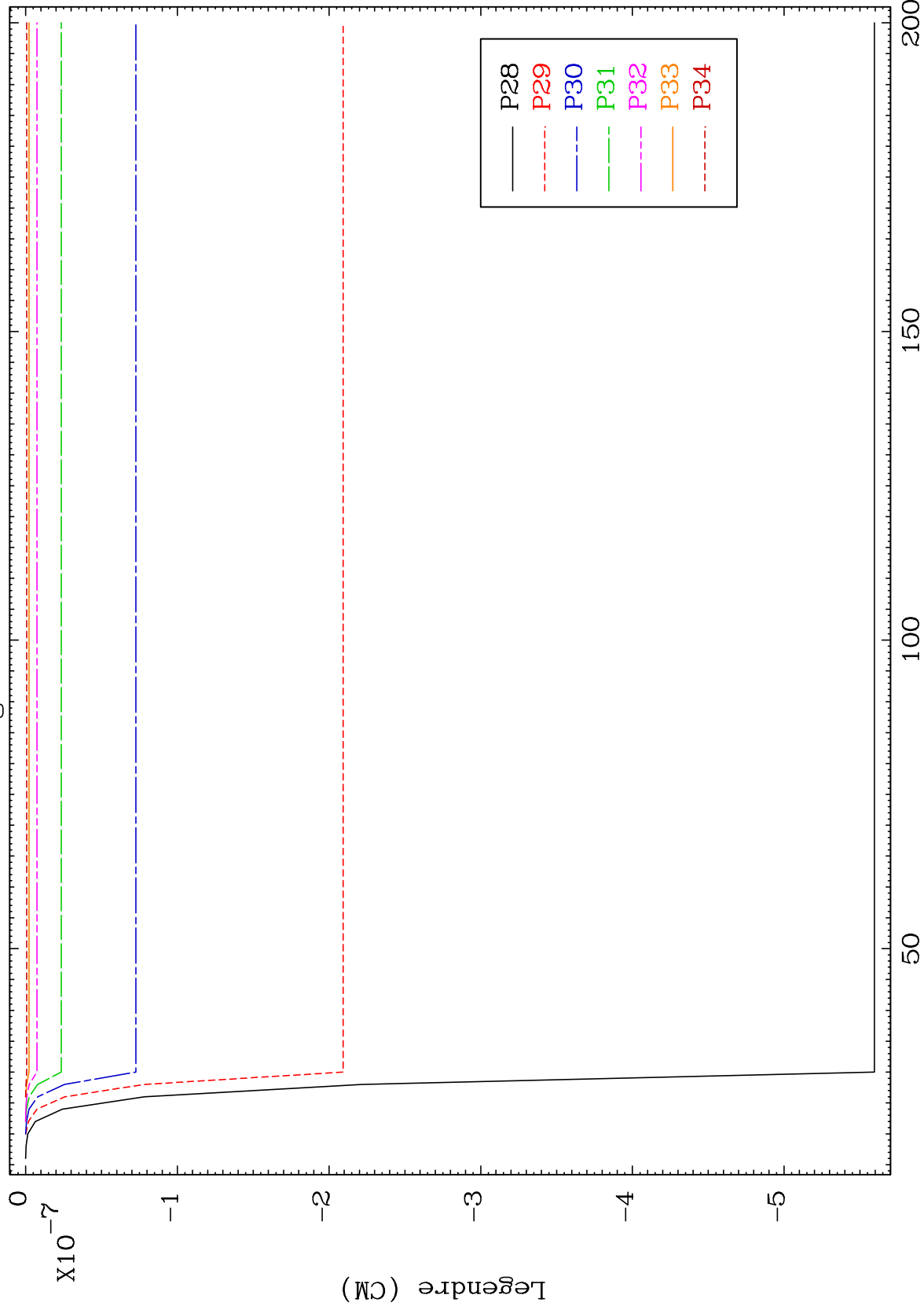
48-Cd-122

MAT 4873

MT= 60 (n,n') Level

48-Cd-122

Legendre Coefficients



54

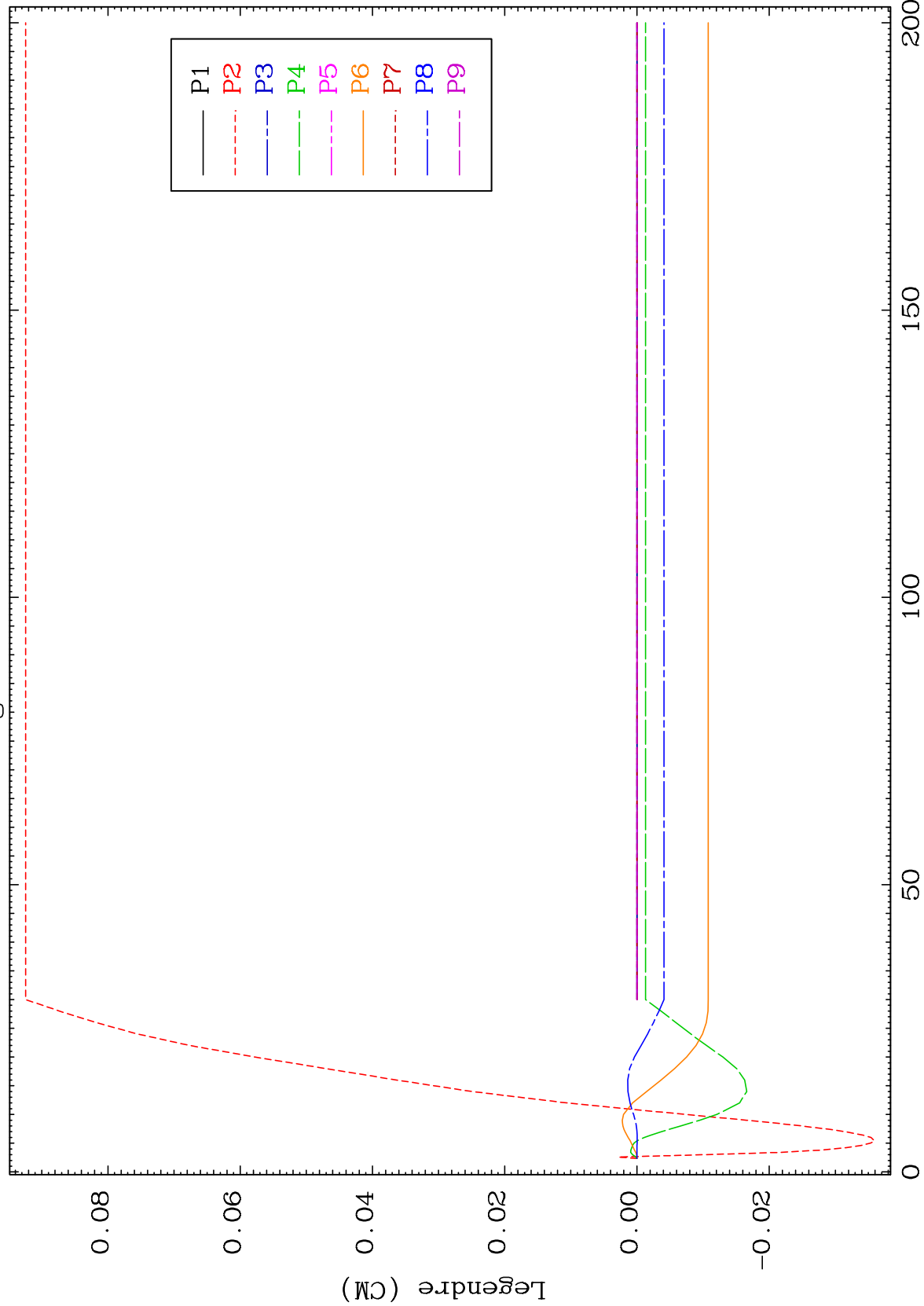
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



55

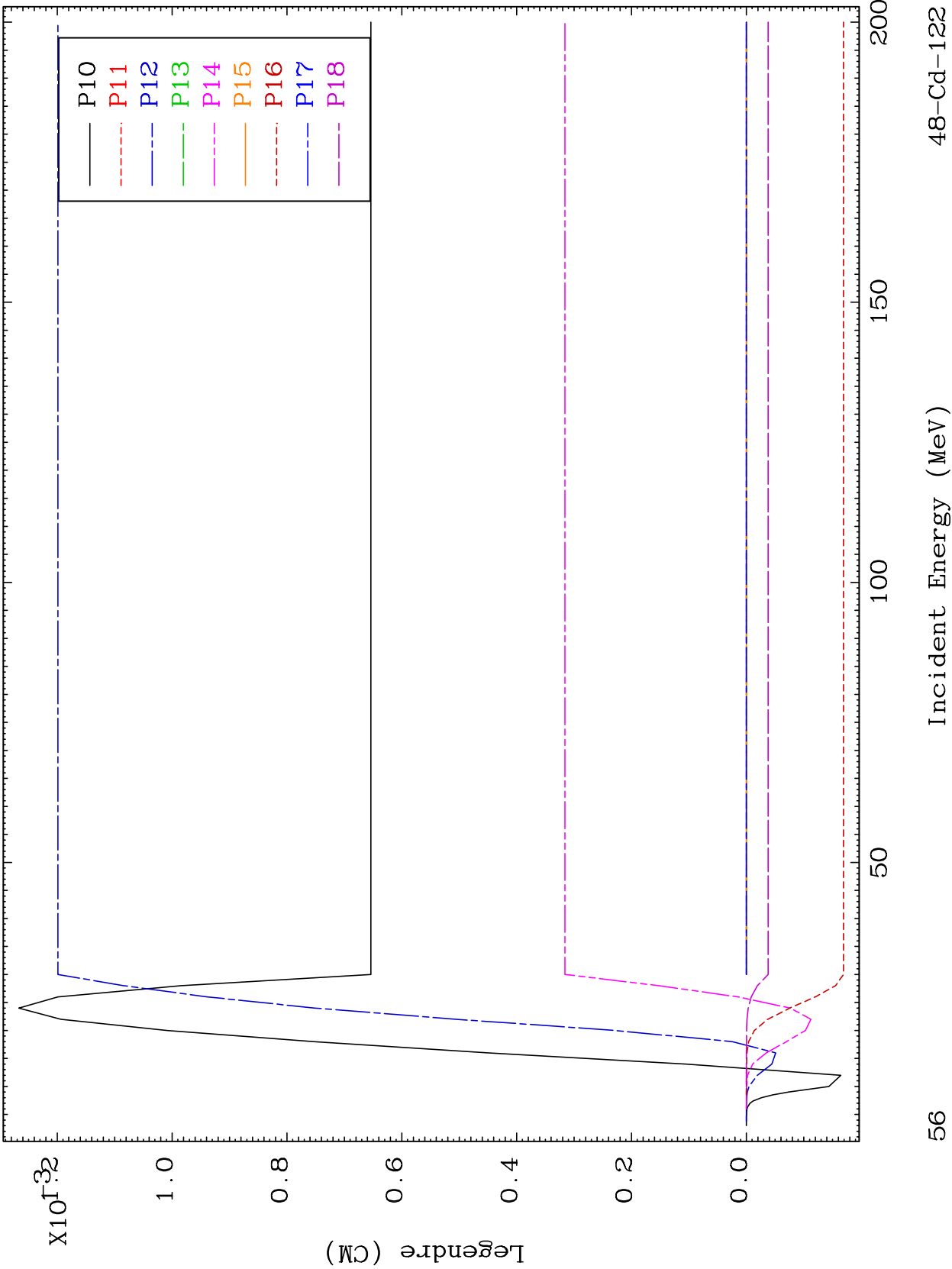
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



56

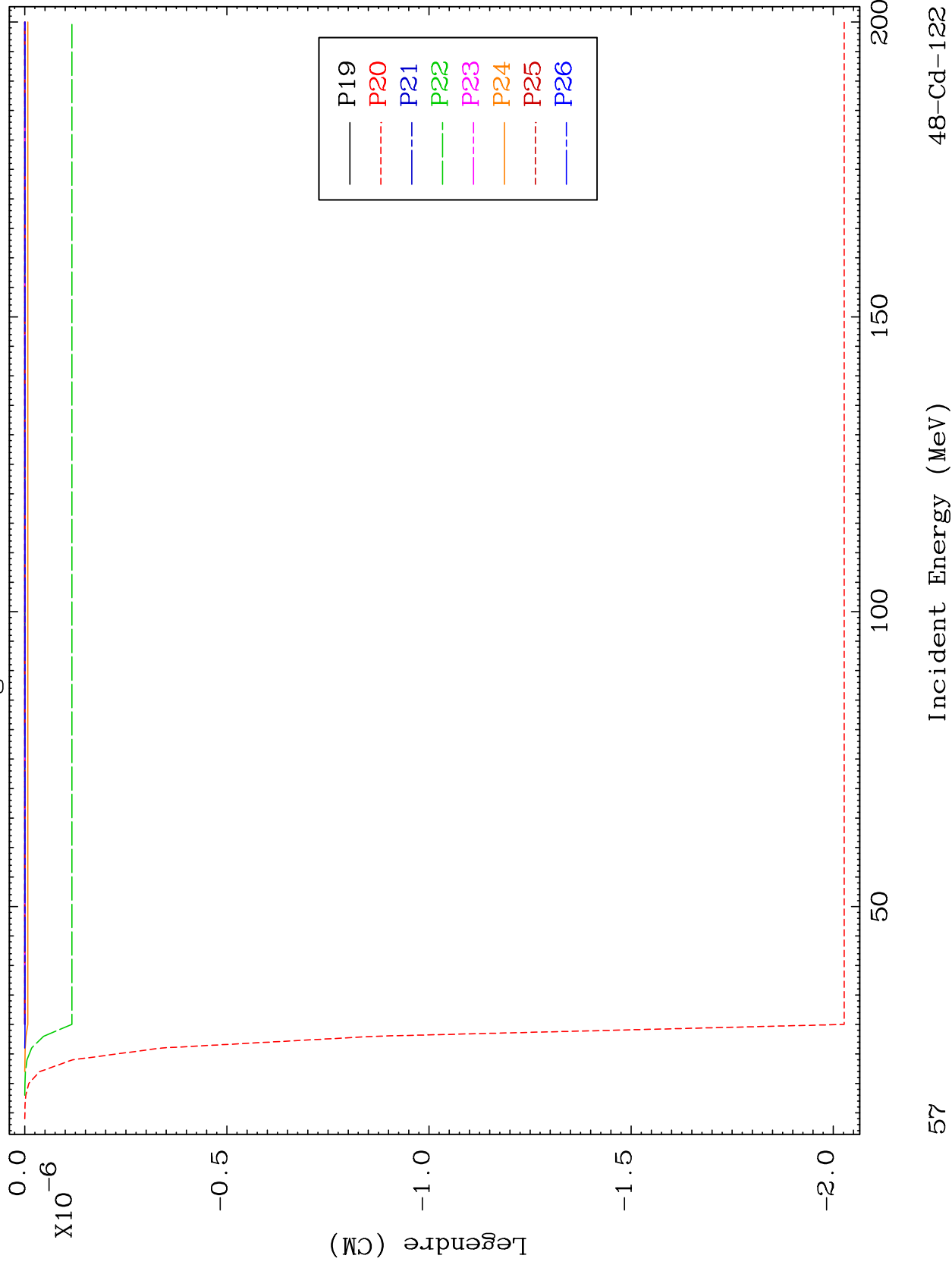
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



57

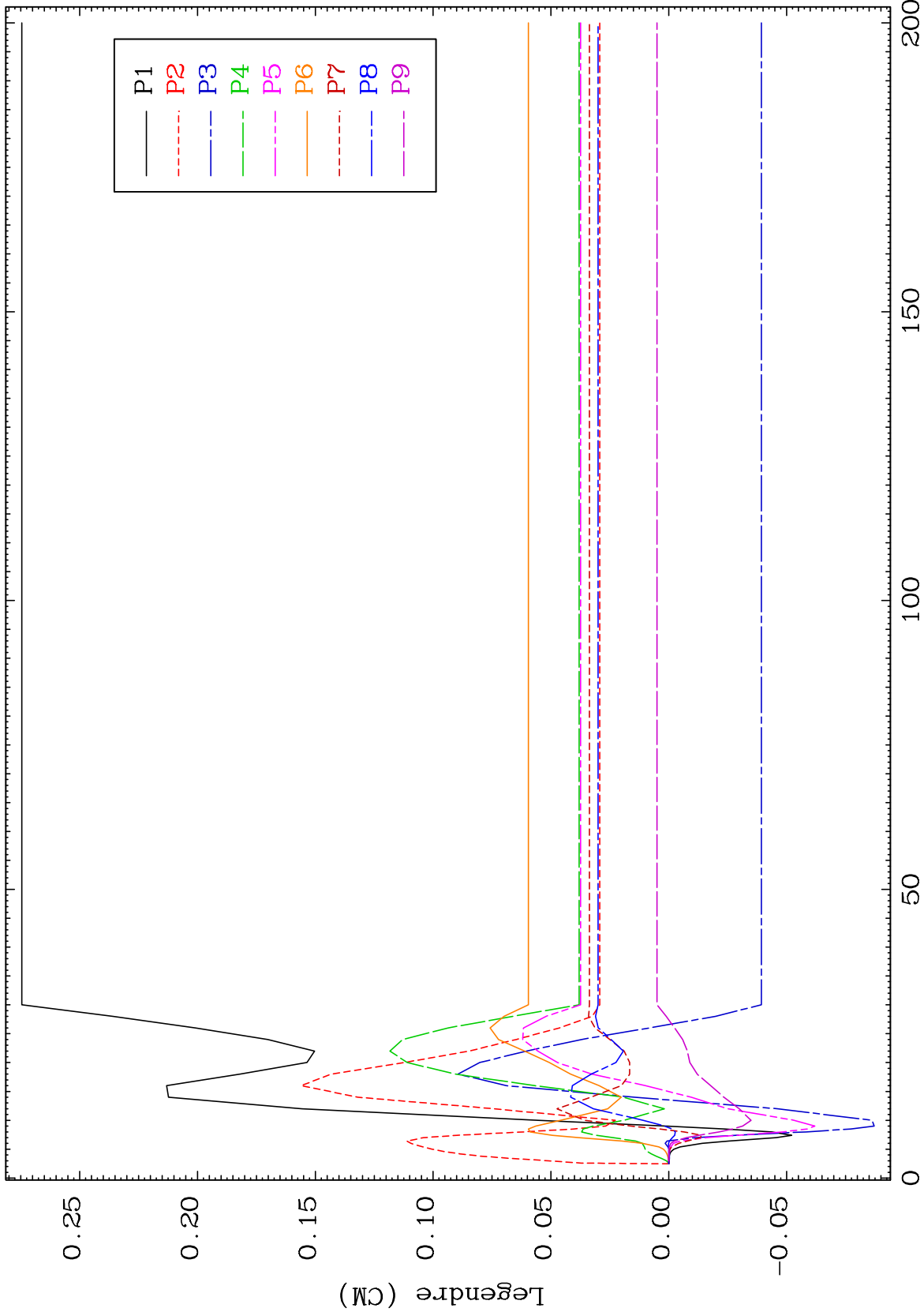
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



58

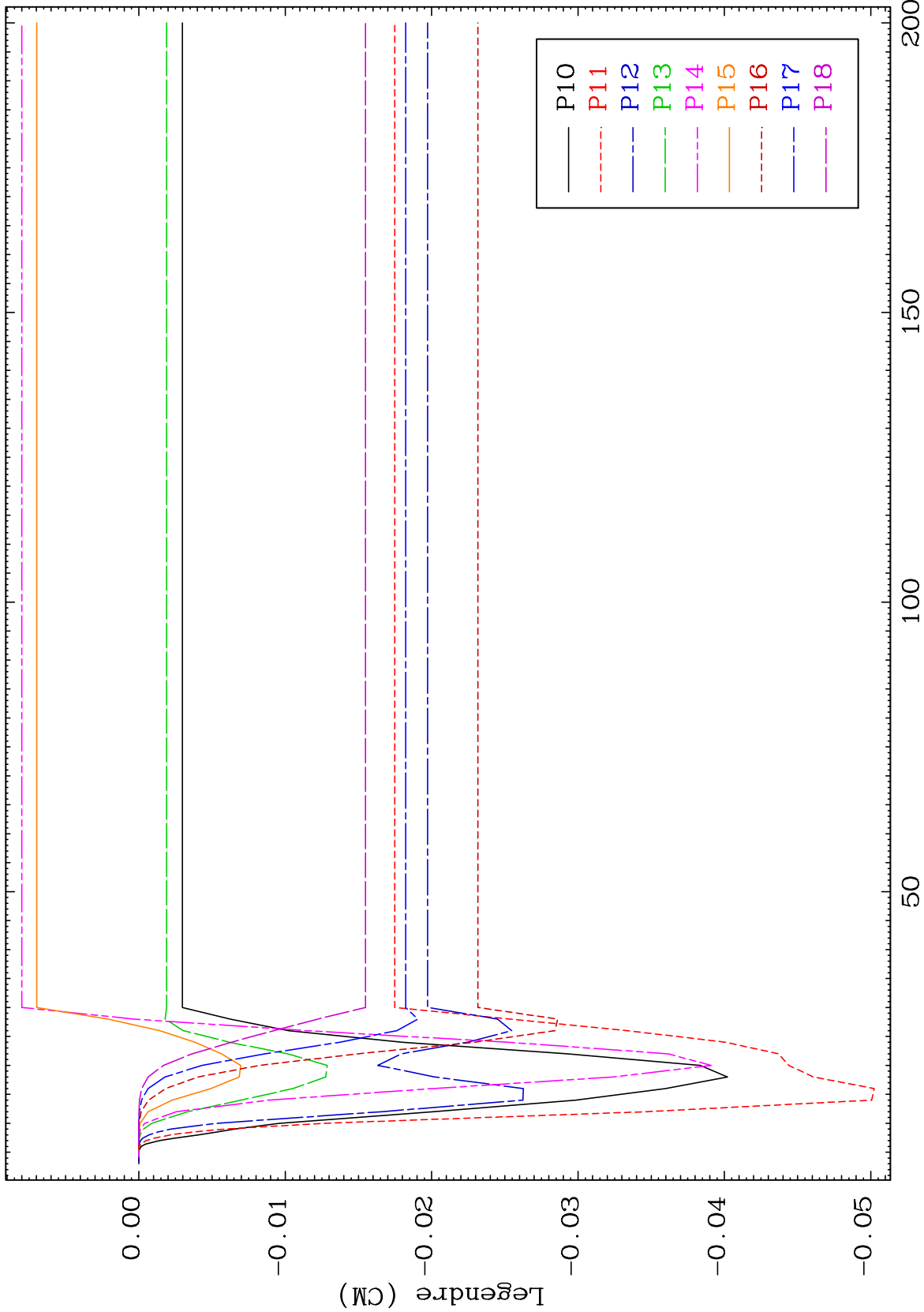
Incident Energy (MeV)

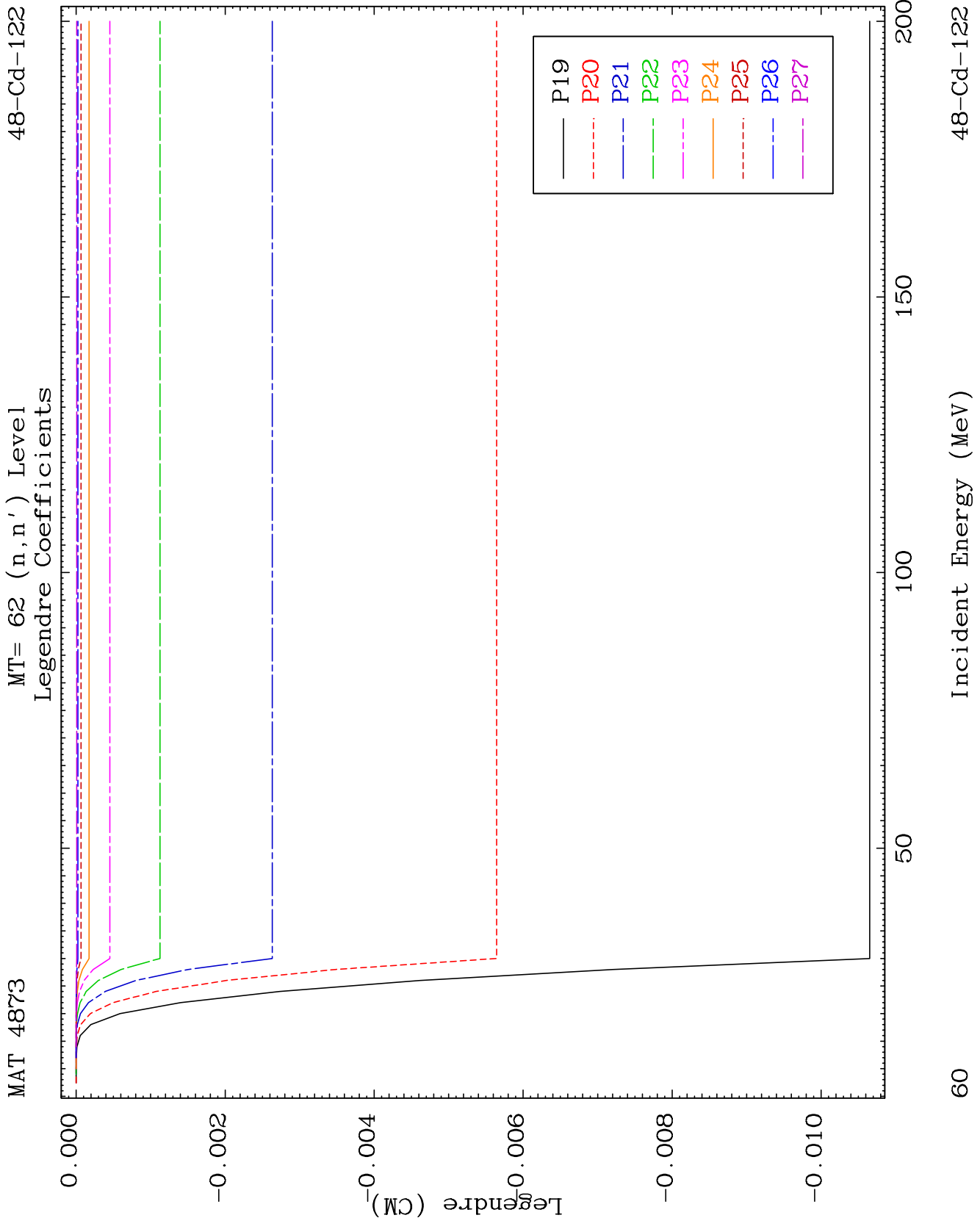
48-Cd-122

MAT 4873

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

48-Cd-122

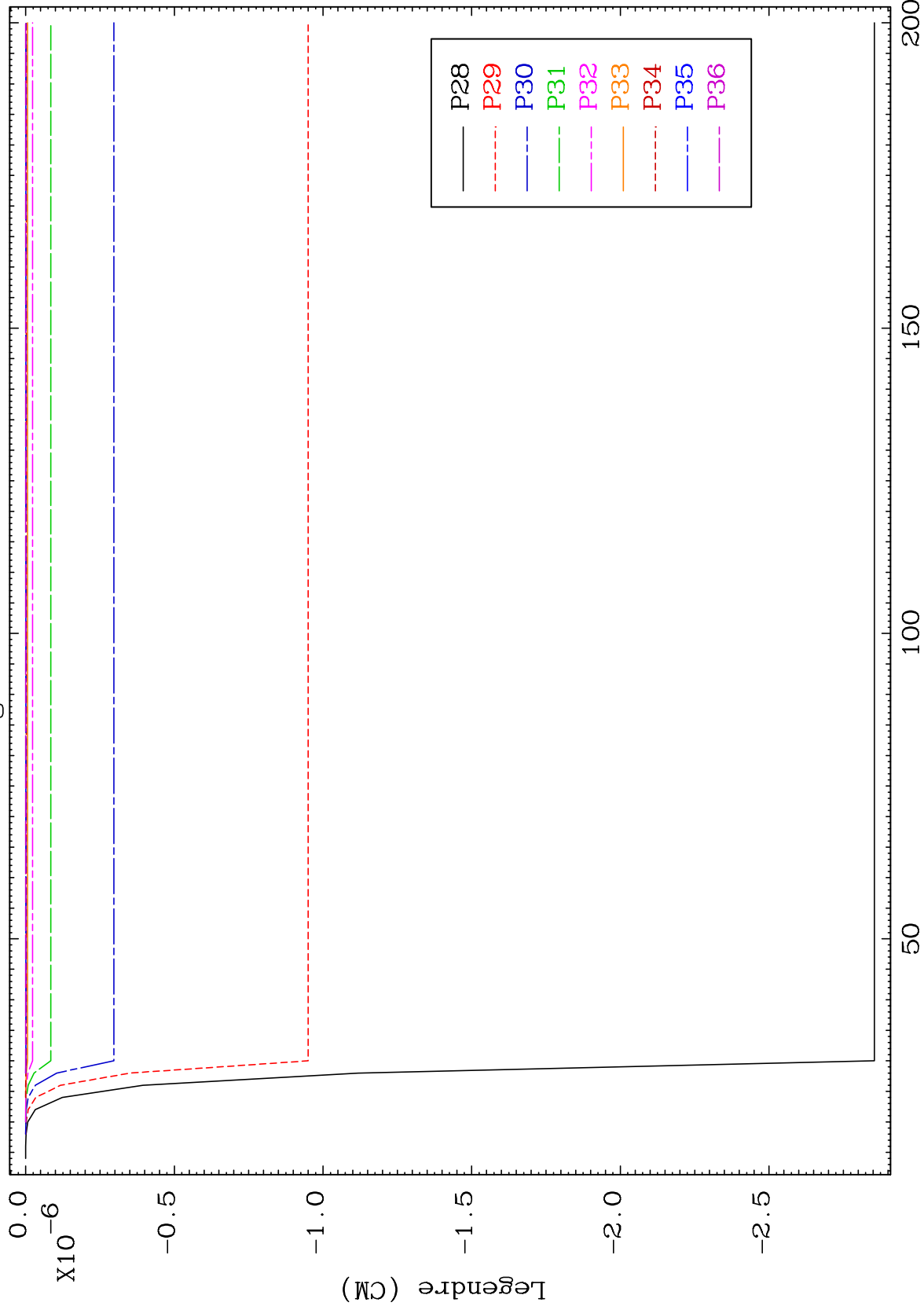




MAT 4873

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

48-Cd-122



61

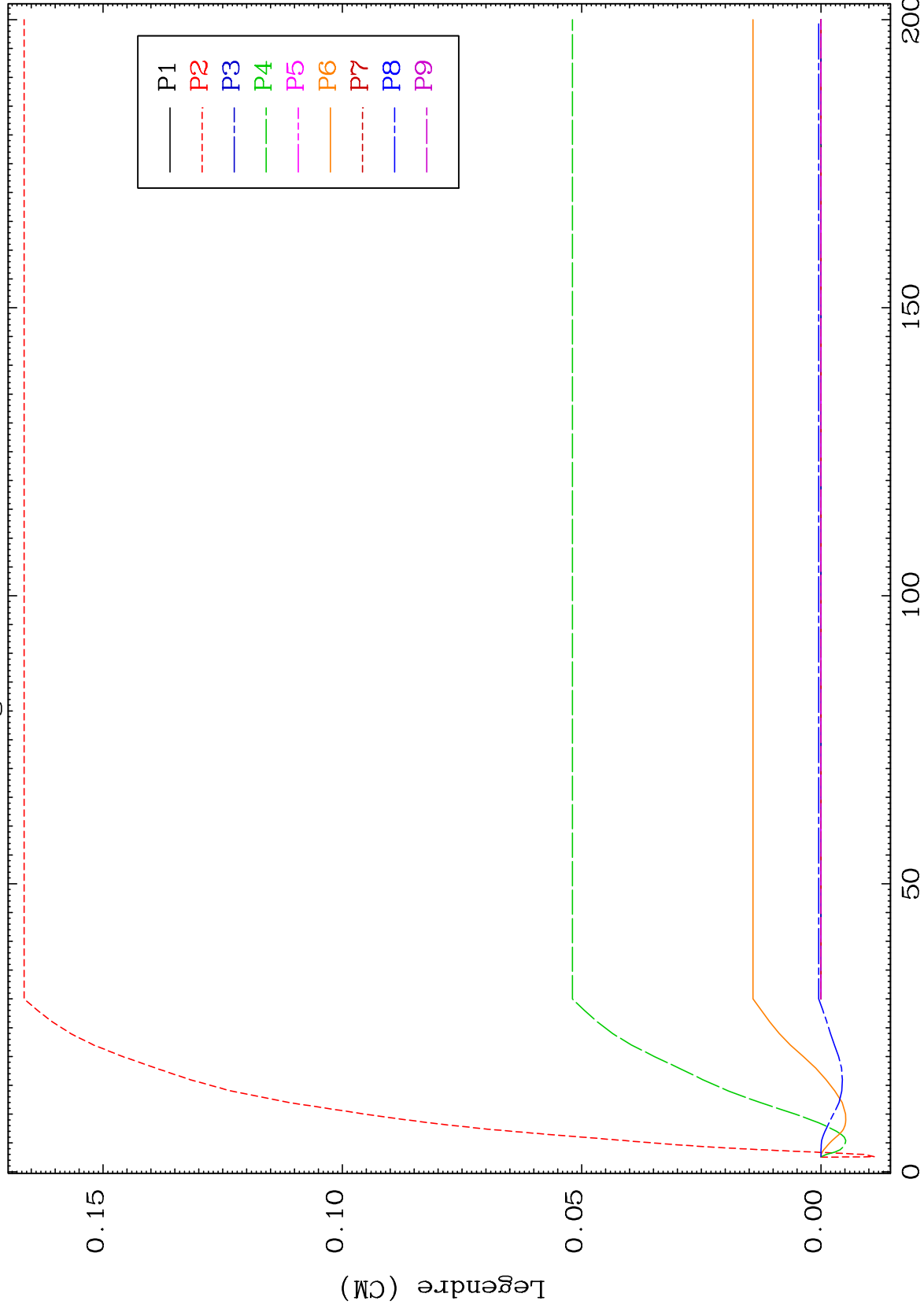
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

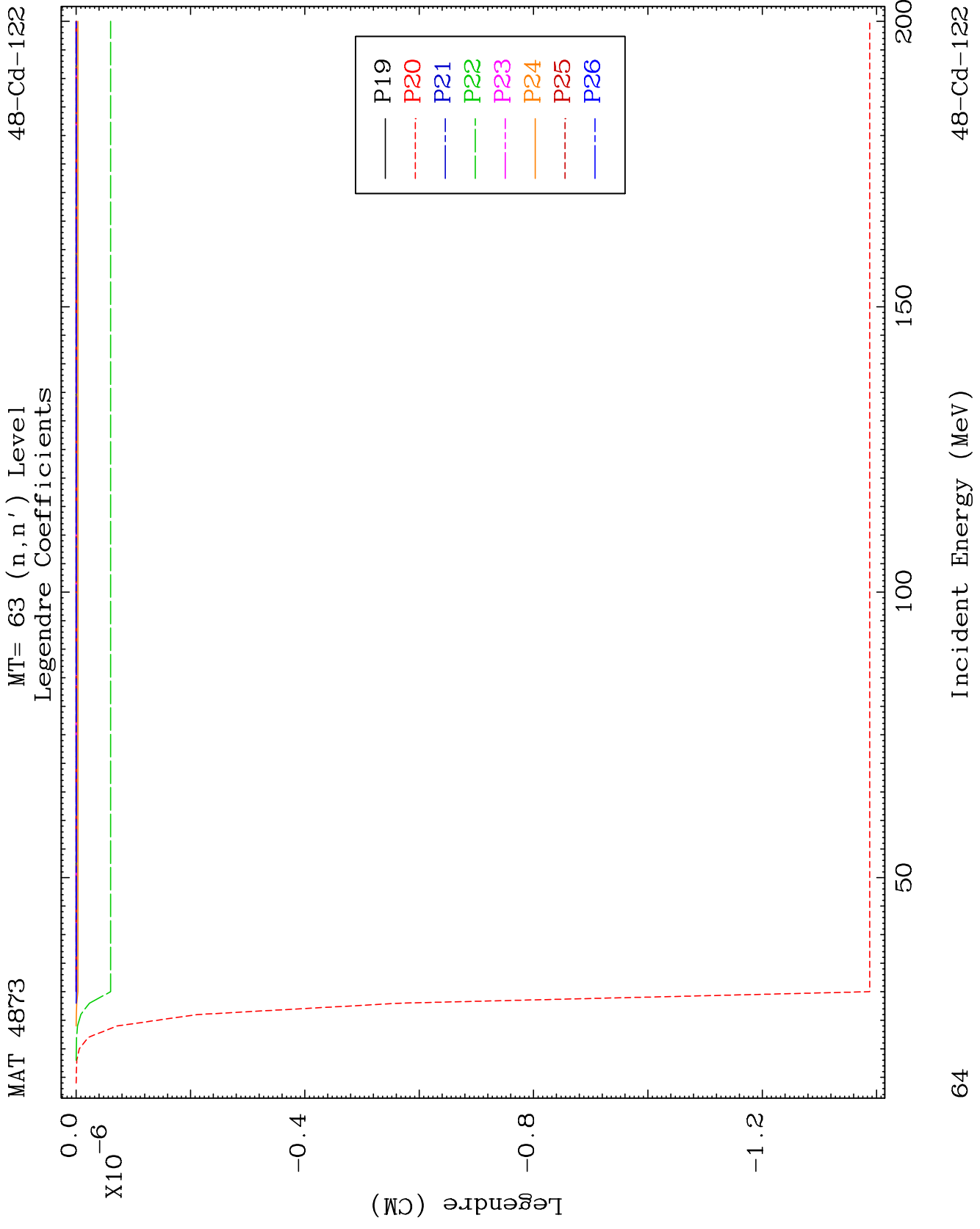
48-Cd-122



62

Incident Energy (MeV)

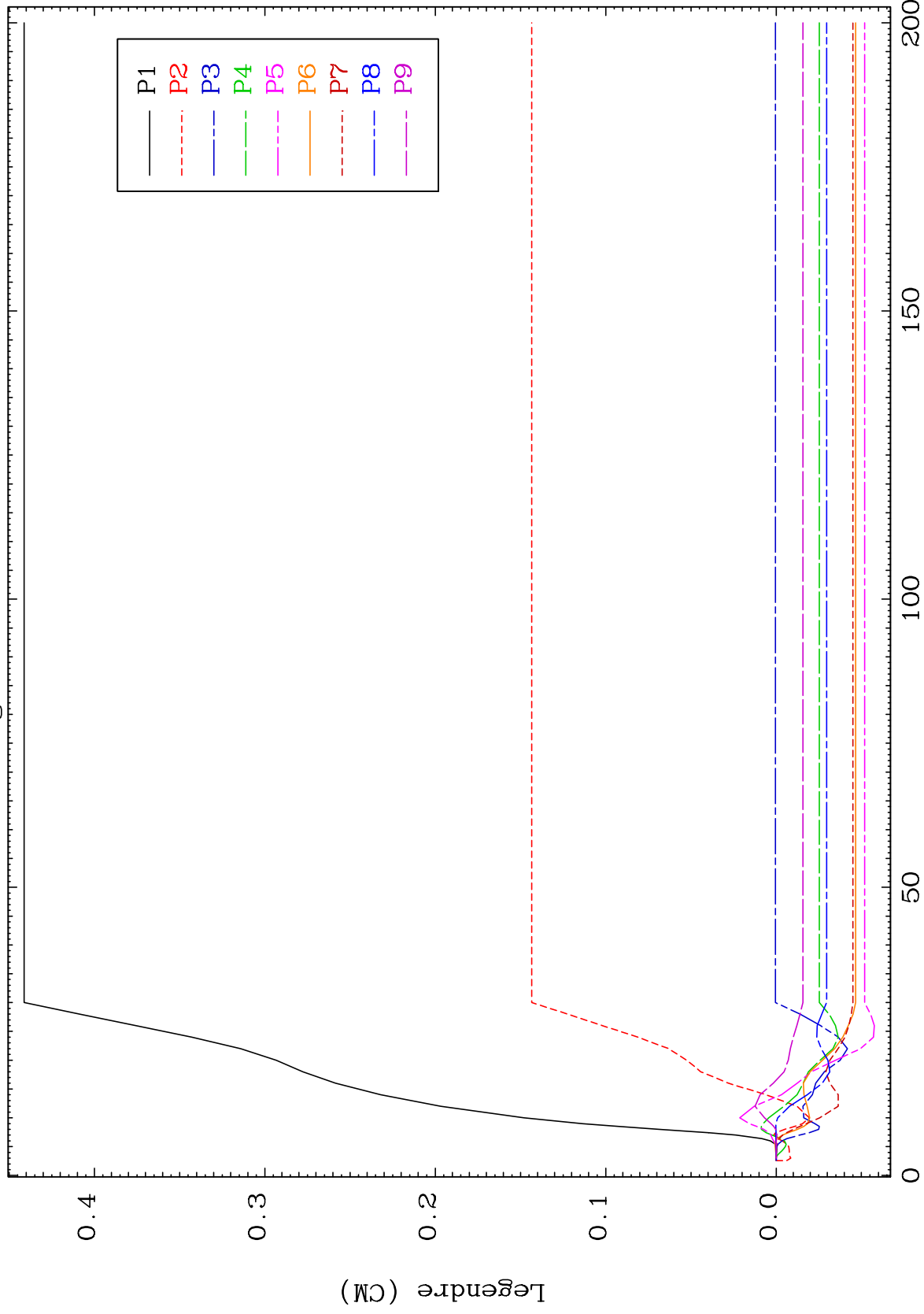
48-Cd-122



MAT 4873

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

48-Cd-122



65

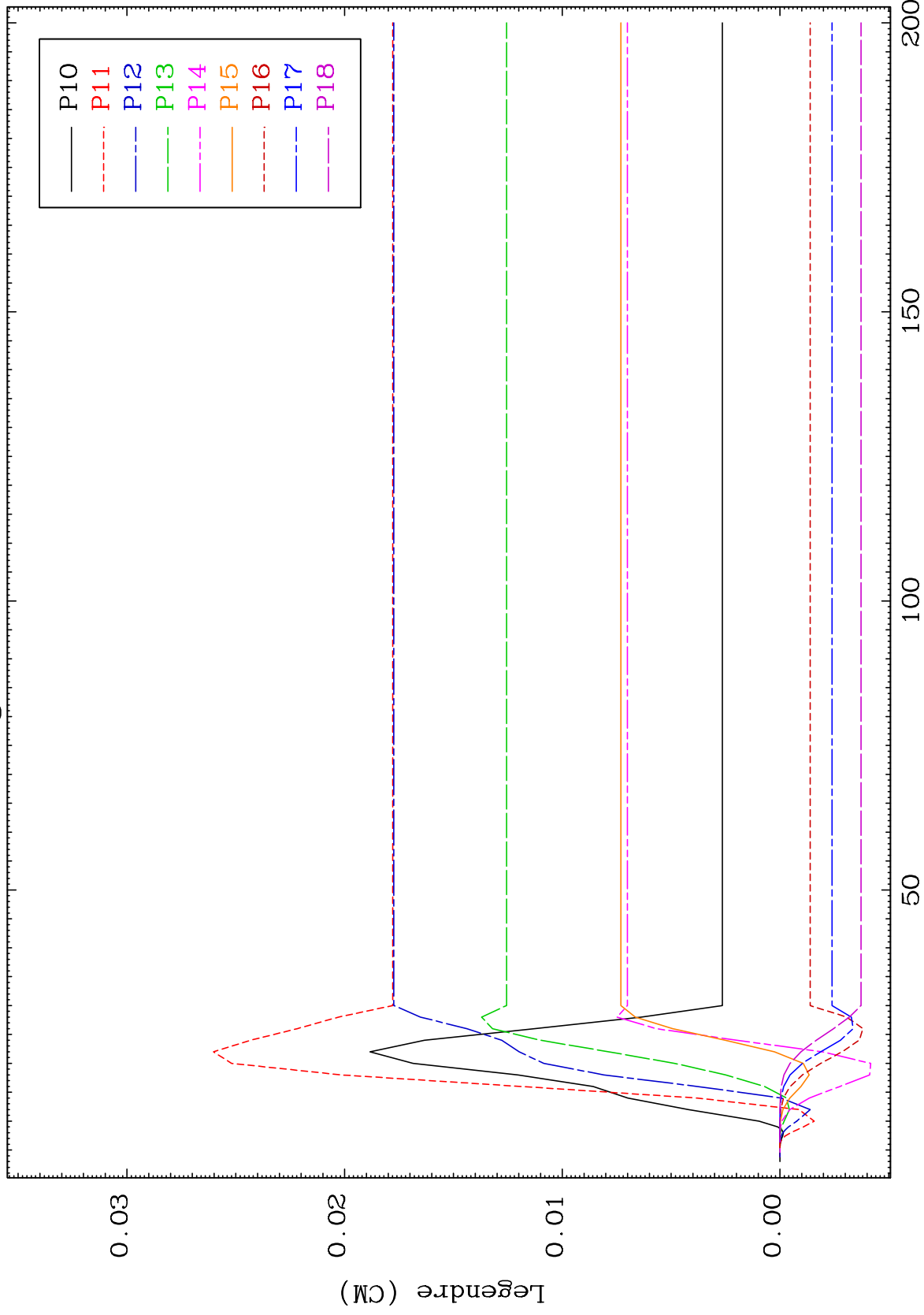
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

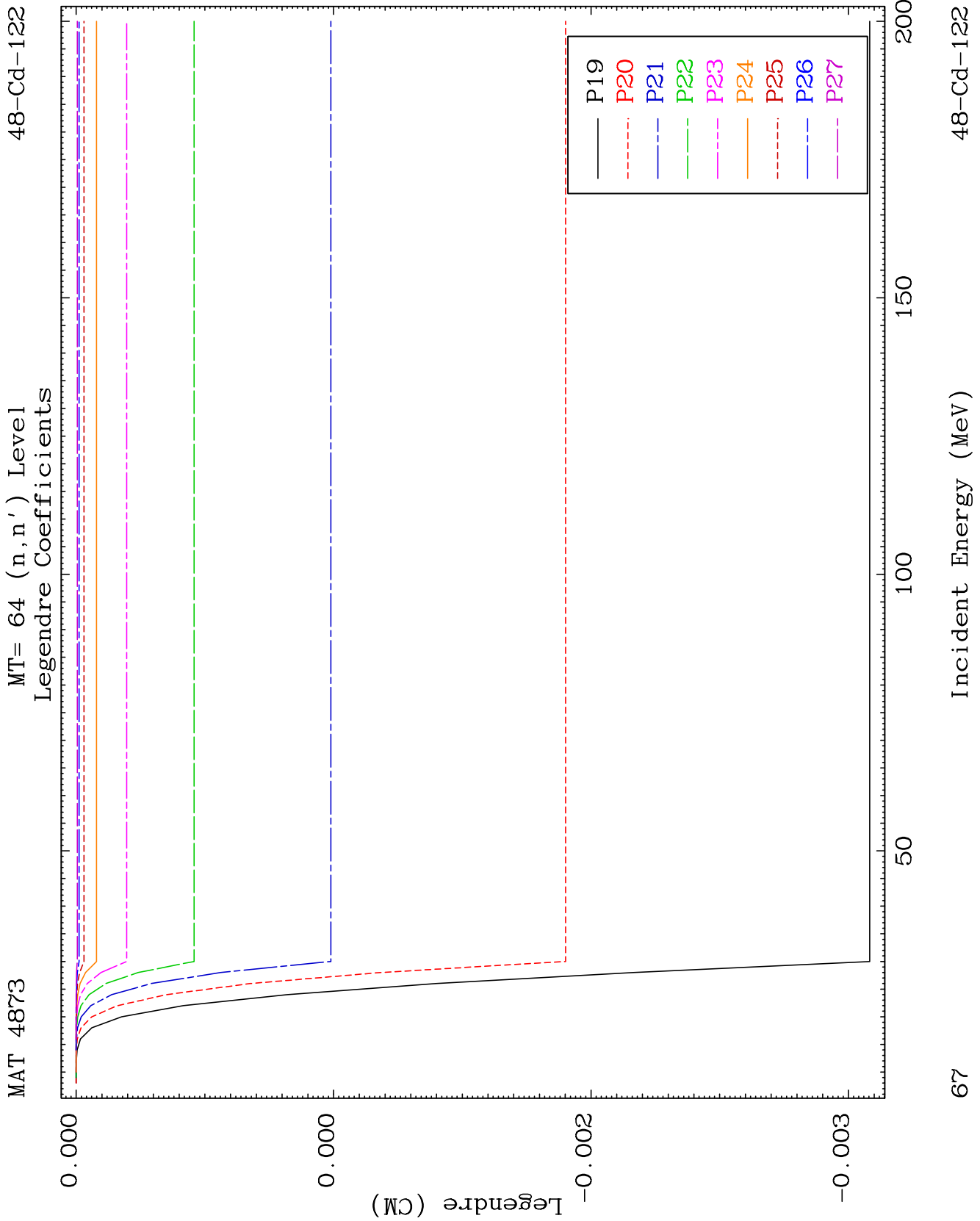
48-Cd-122

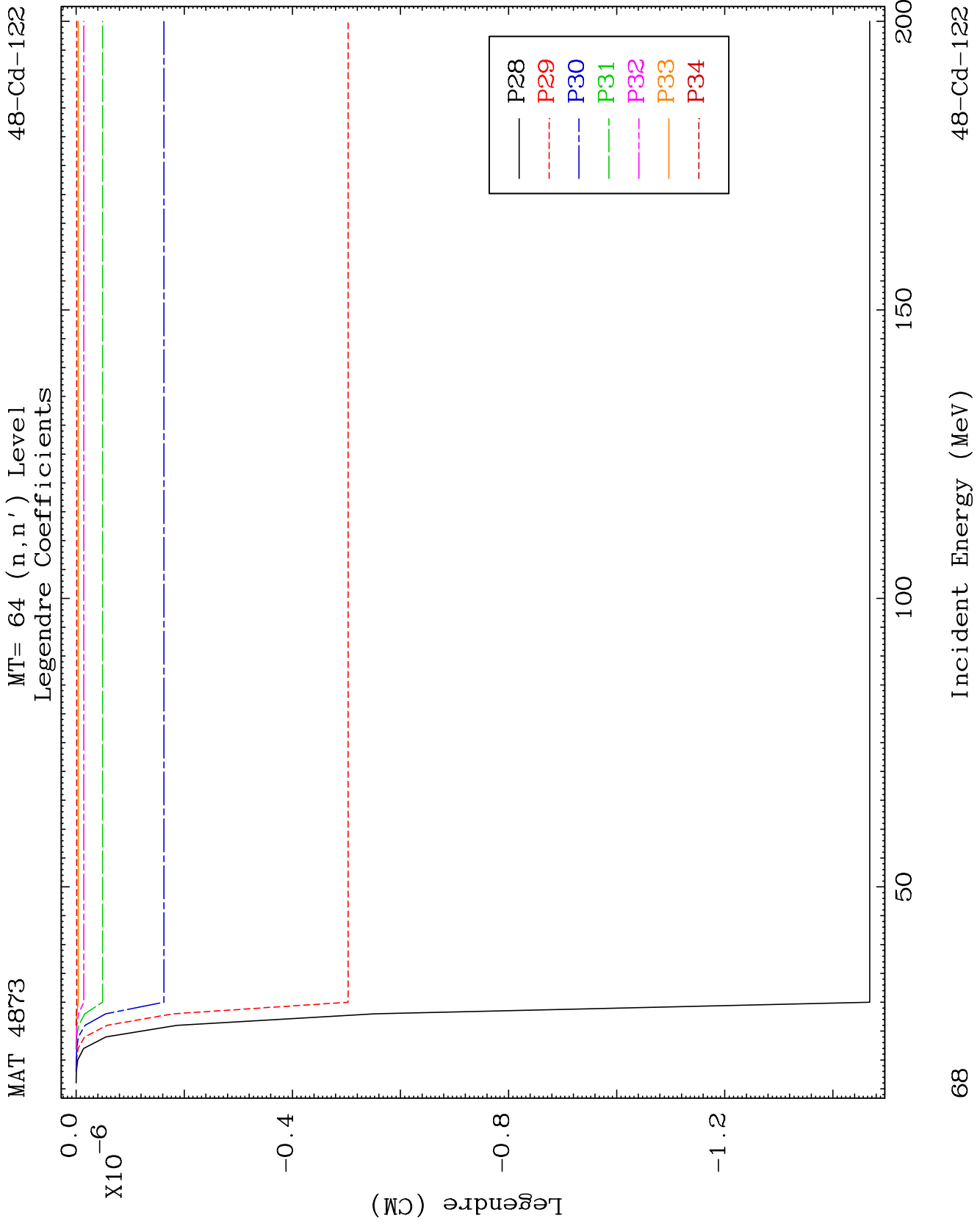


66

Incident Energy (MeV)

48-Cd-122

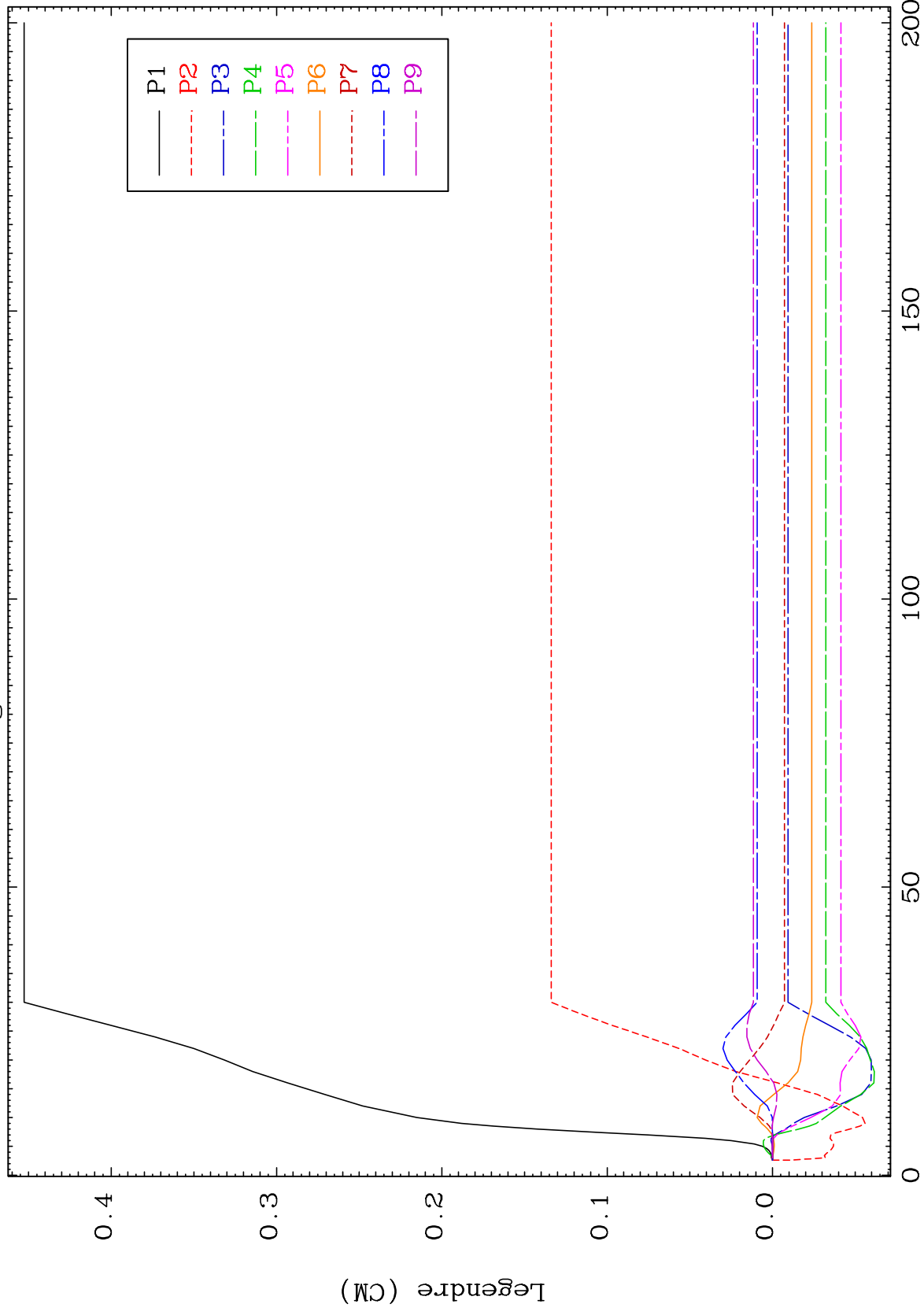




MAT 4873

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

48-Cd-122



69

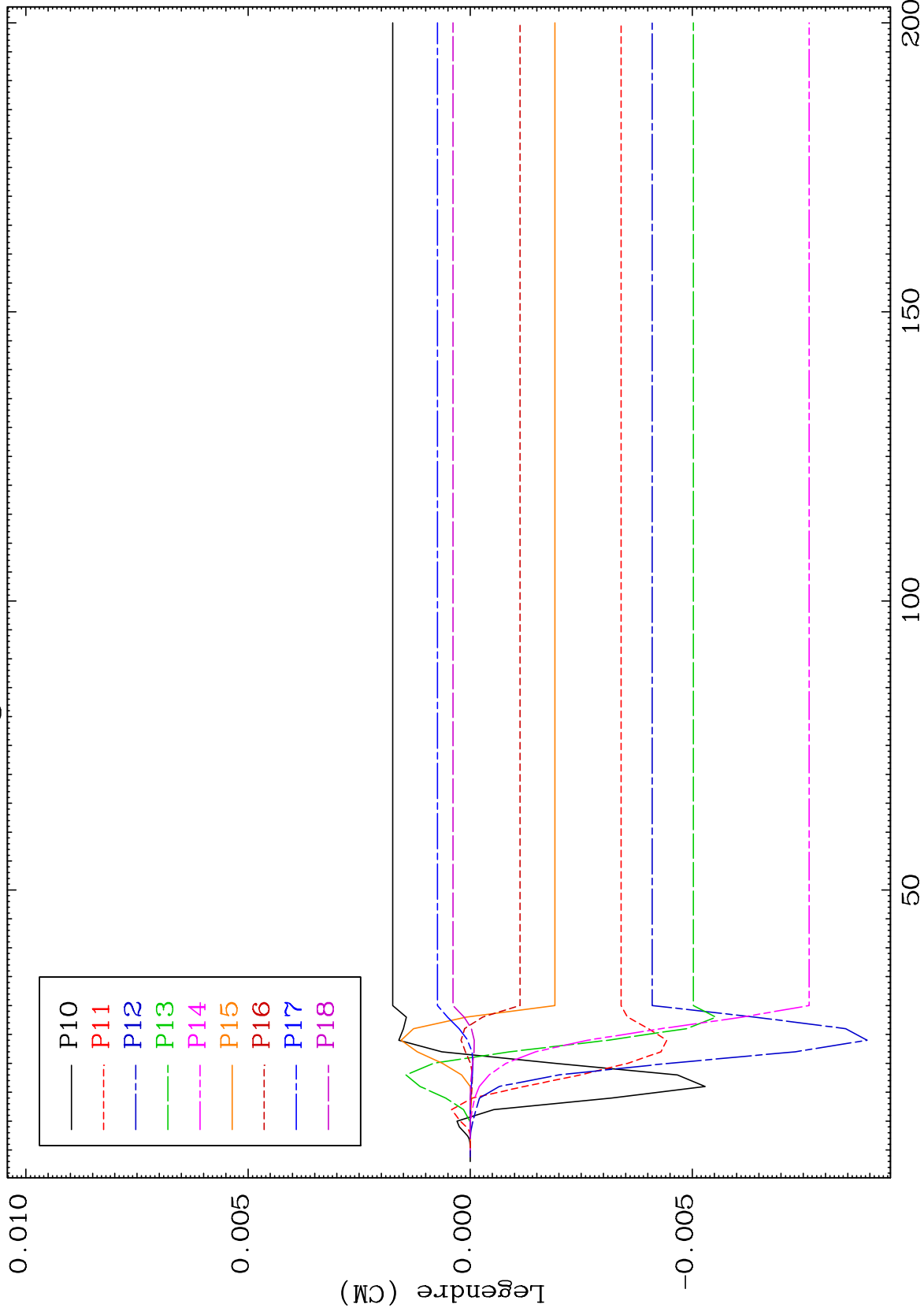
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



70

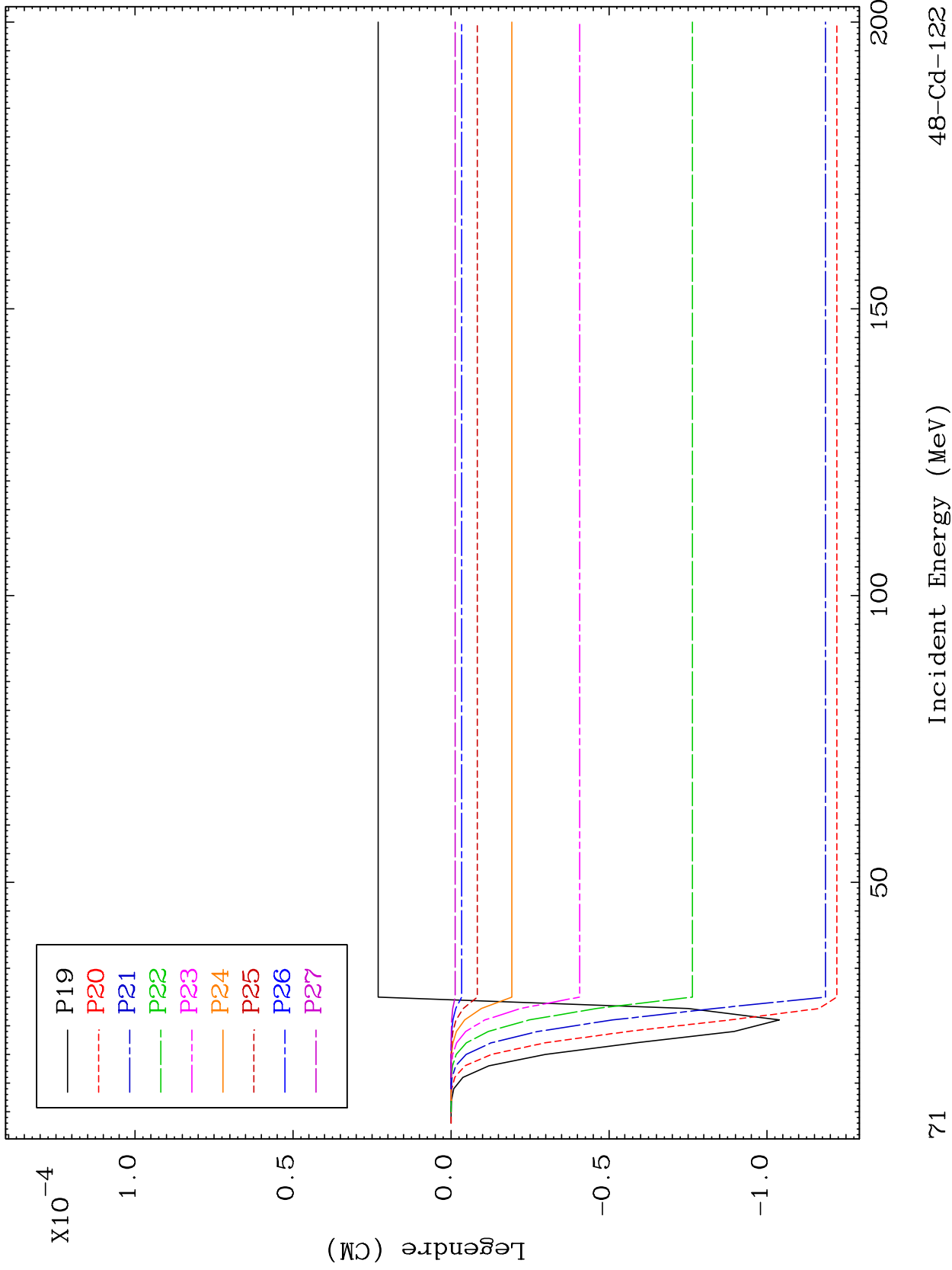
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

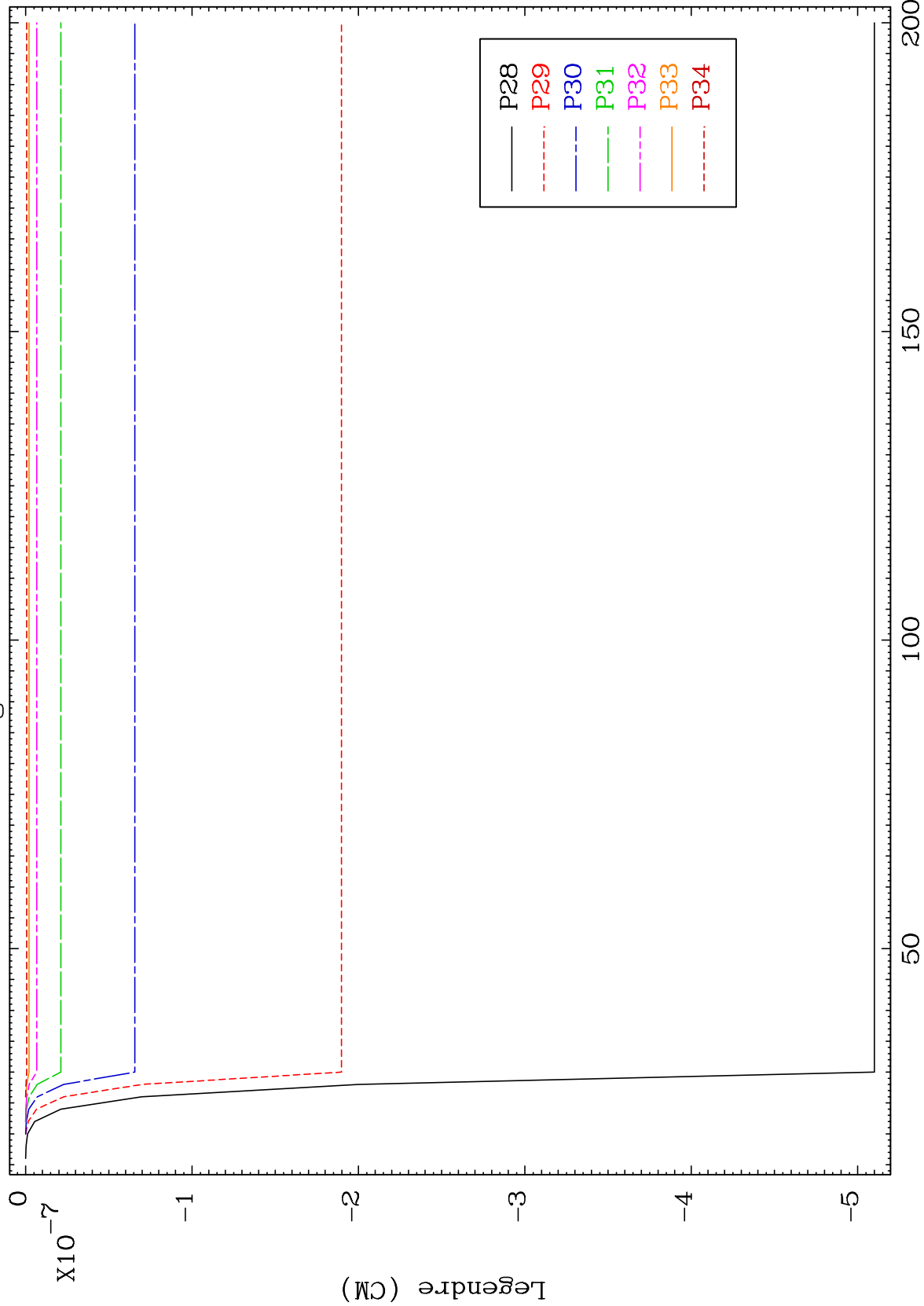


MAT 4873

MT= 65 (n,n') Level

48-Cd-122

Legendre Coefficients



72

Incident Energy (MeV)

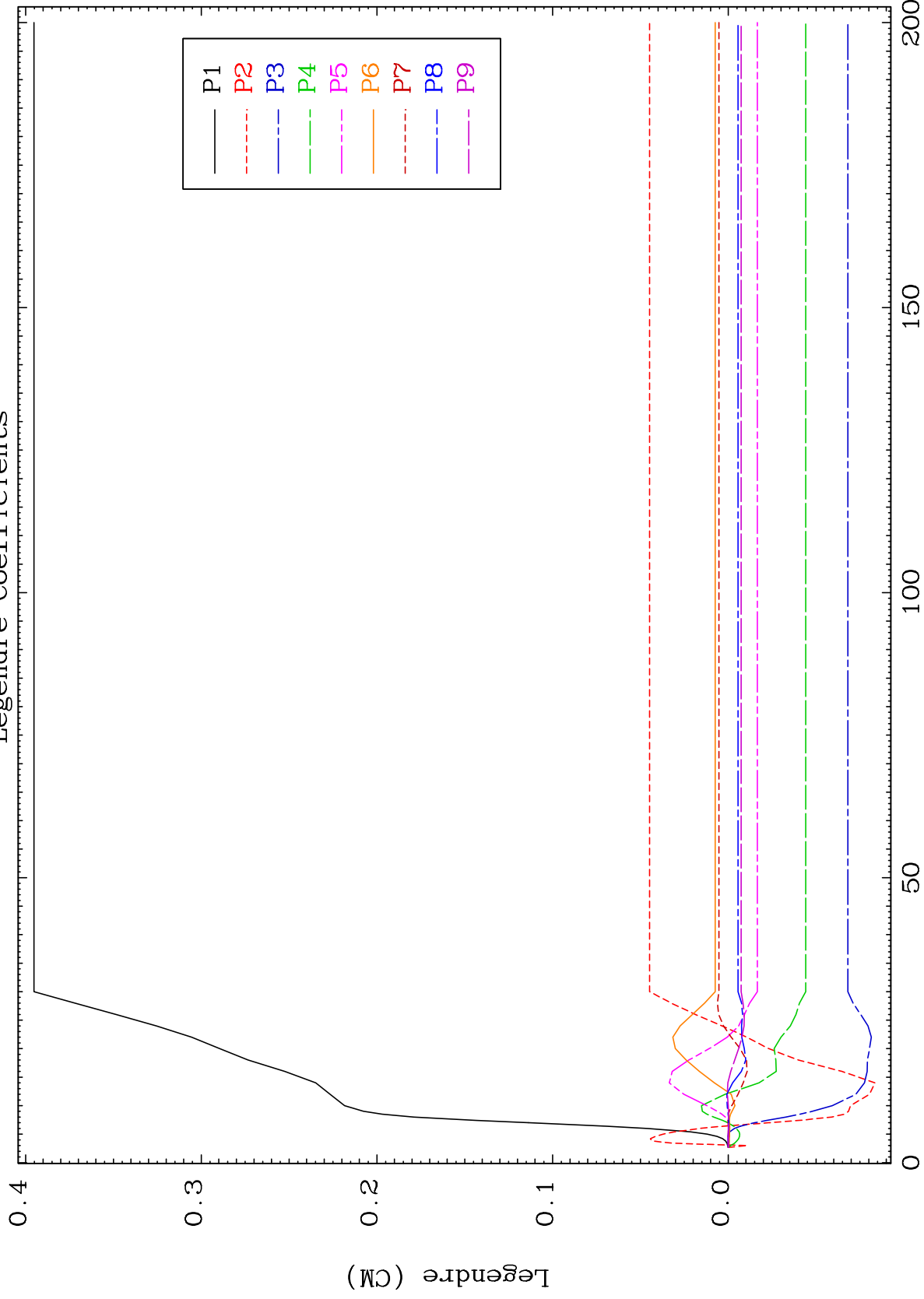
48-Cd-122

MAT 4873

MT= 66 (n,n') Level

48-Cd-122

Legendre Coefficients



73

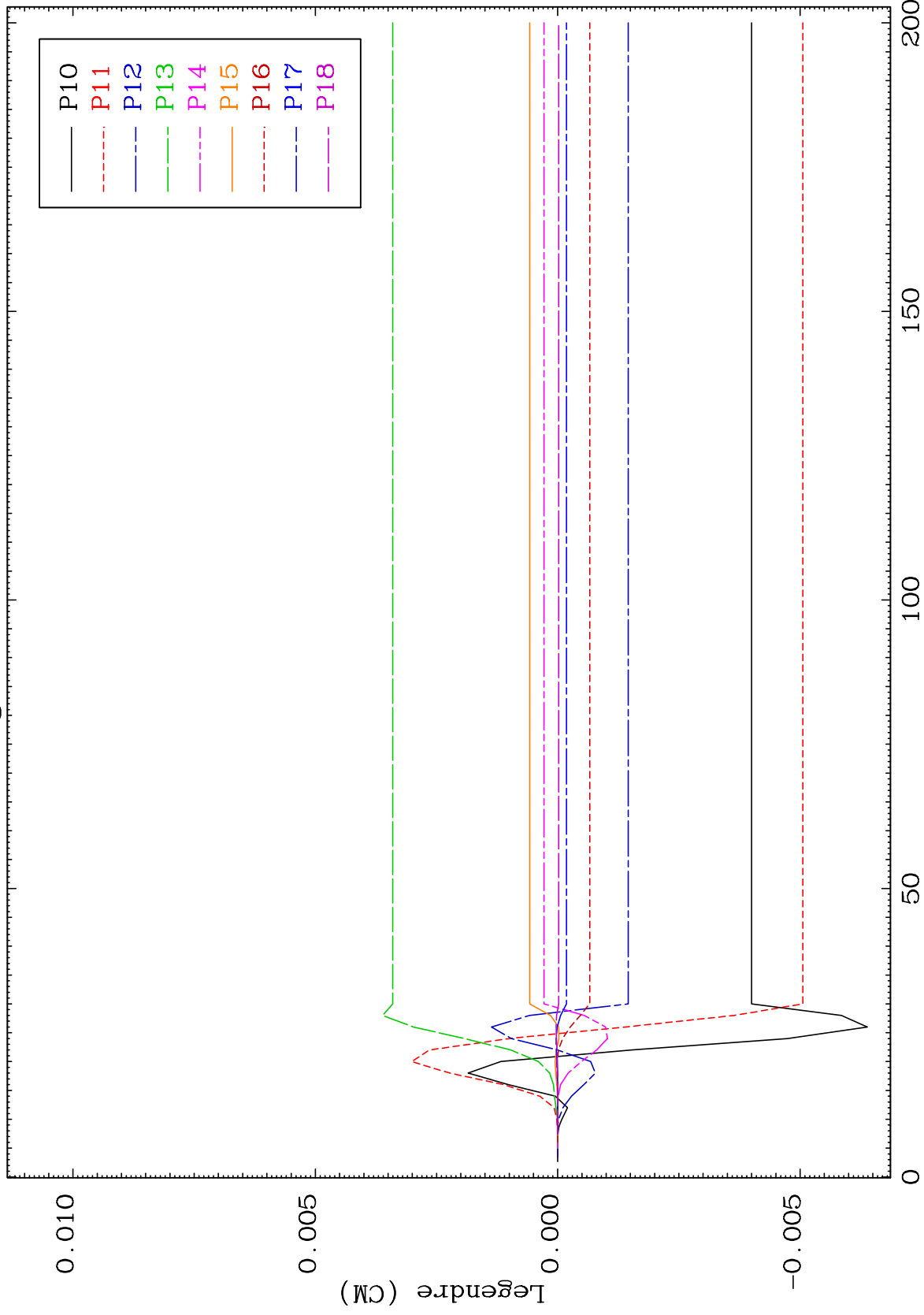
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



74

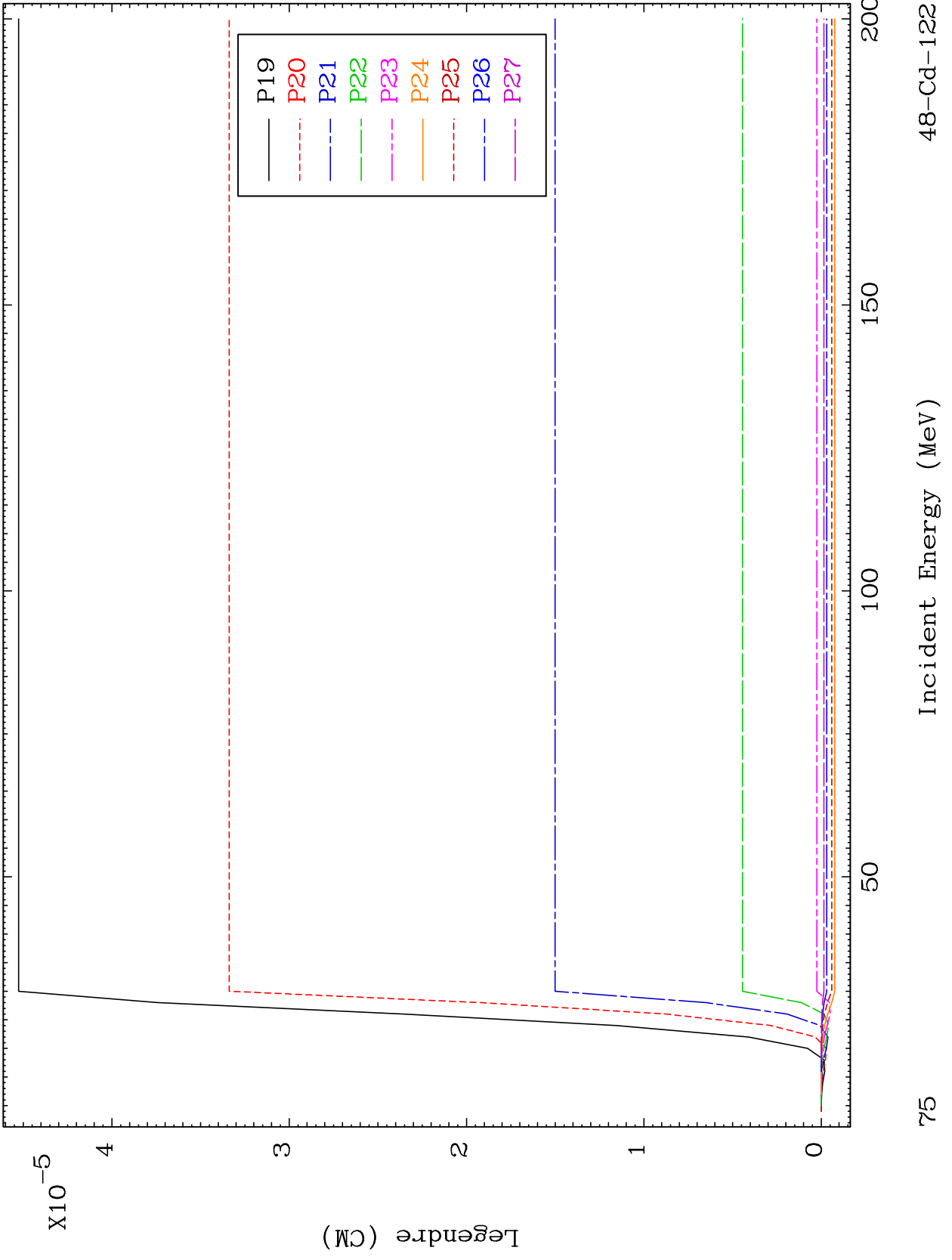
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

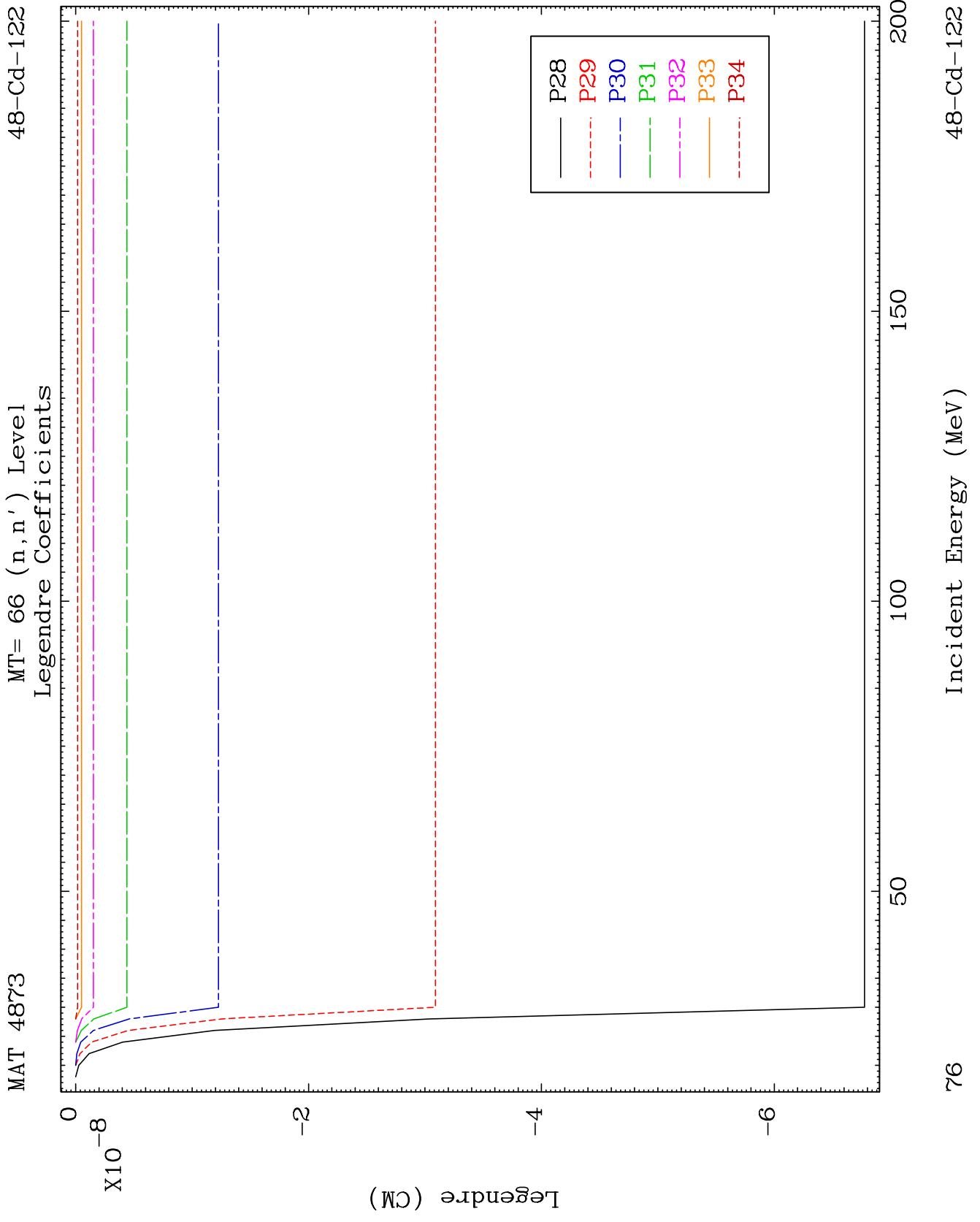
48-Cd-122



75

Incident Energy (MeV)

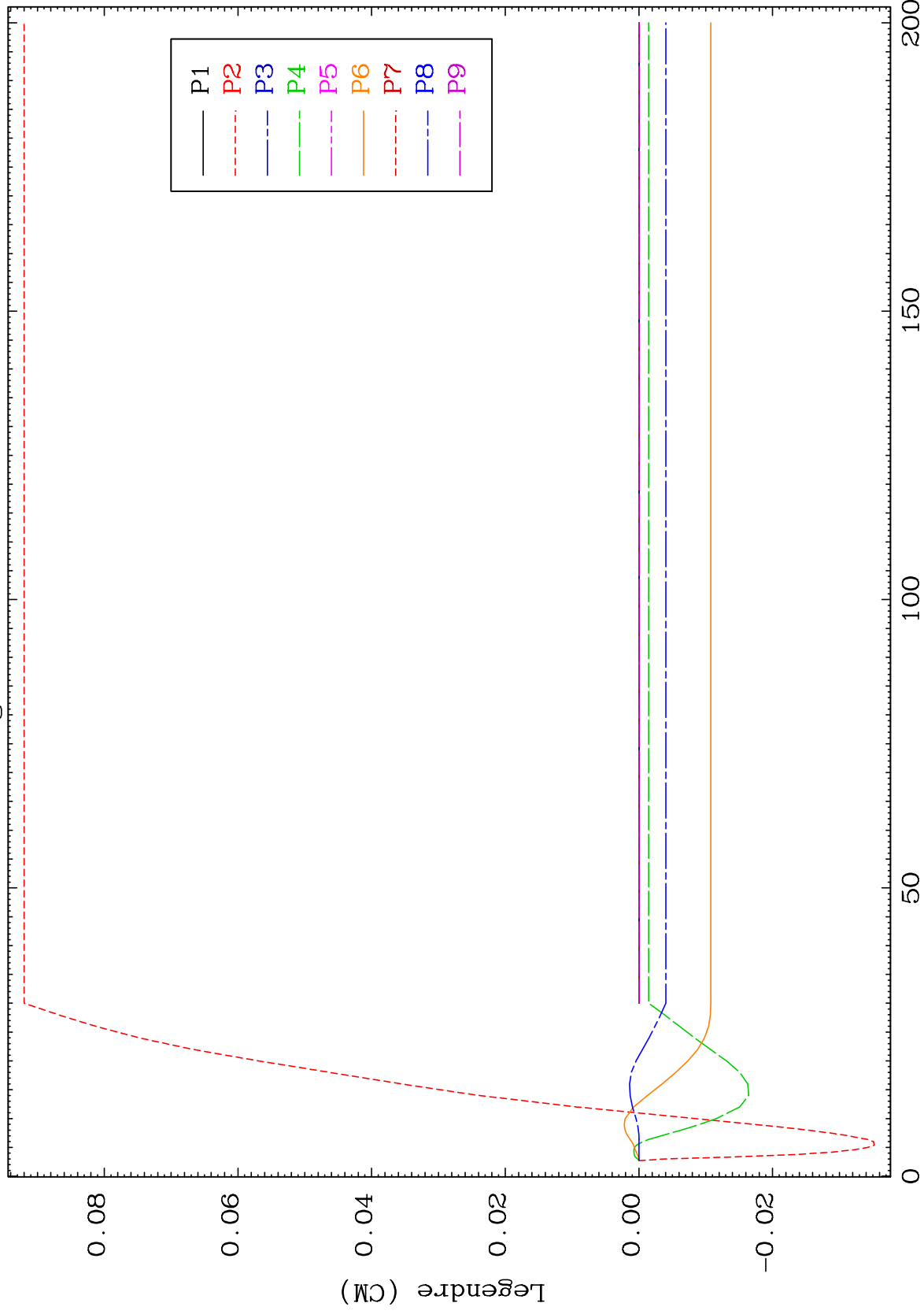
48-Cd-122



MAT 4873

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

48-Cd-122



77

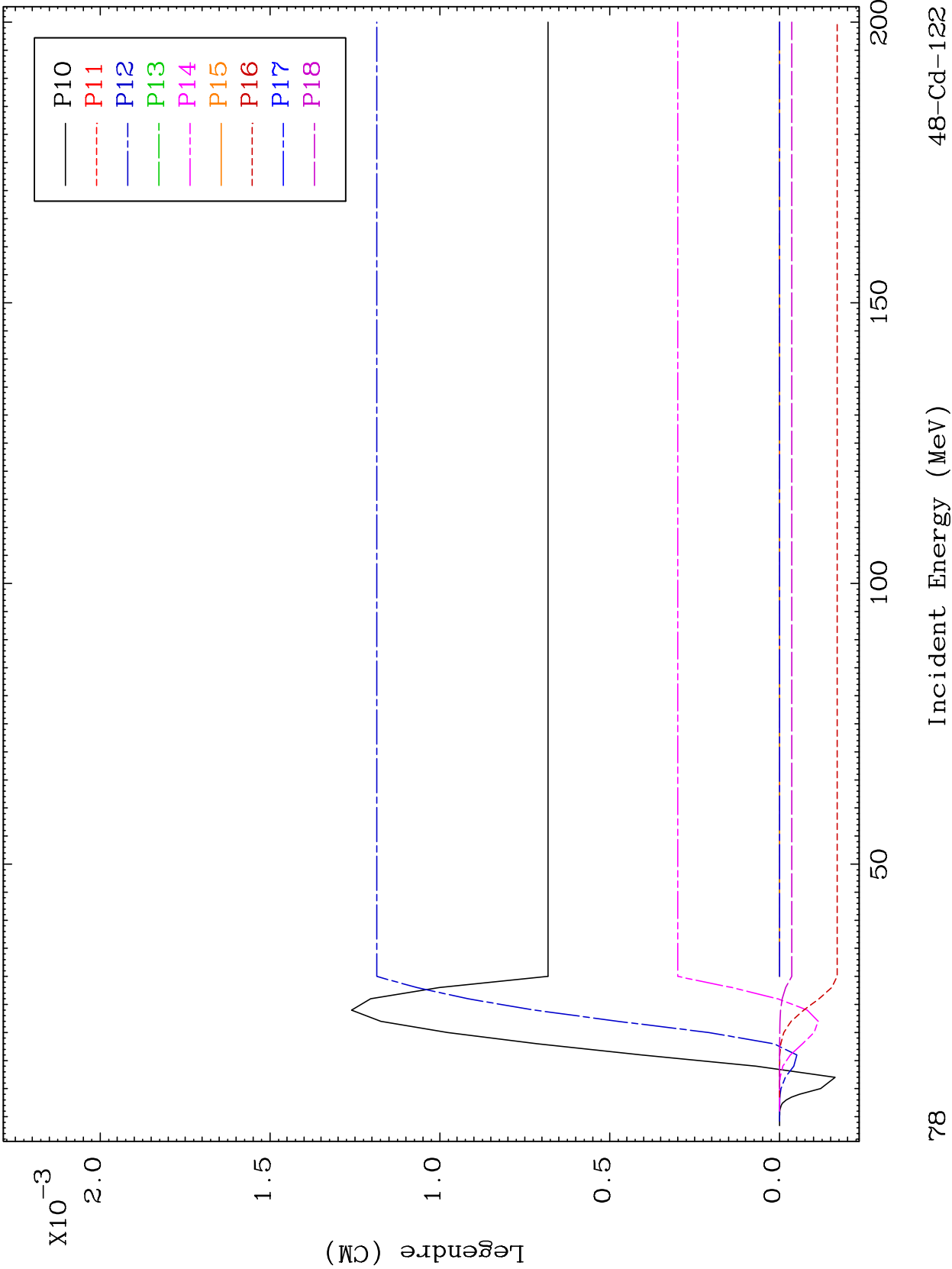
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



78

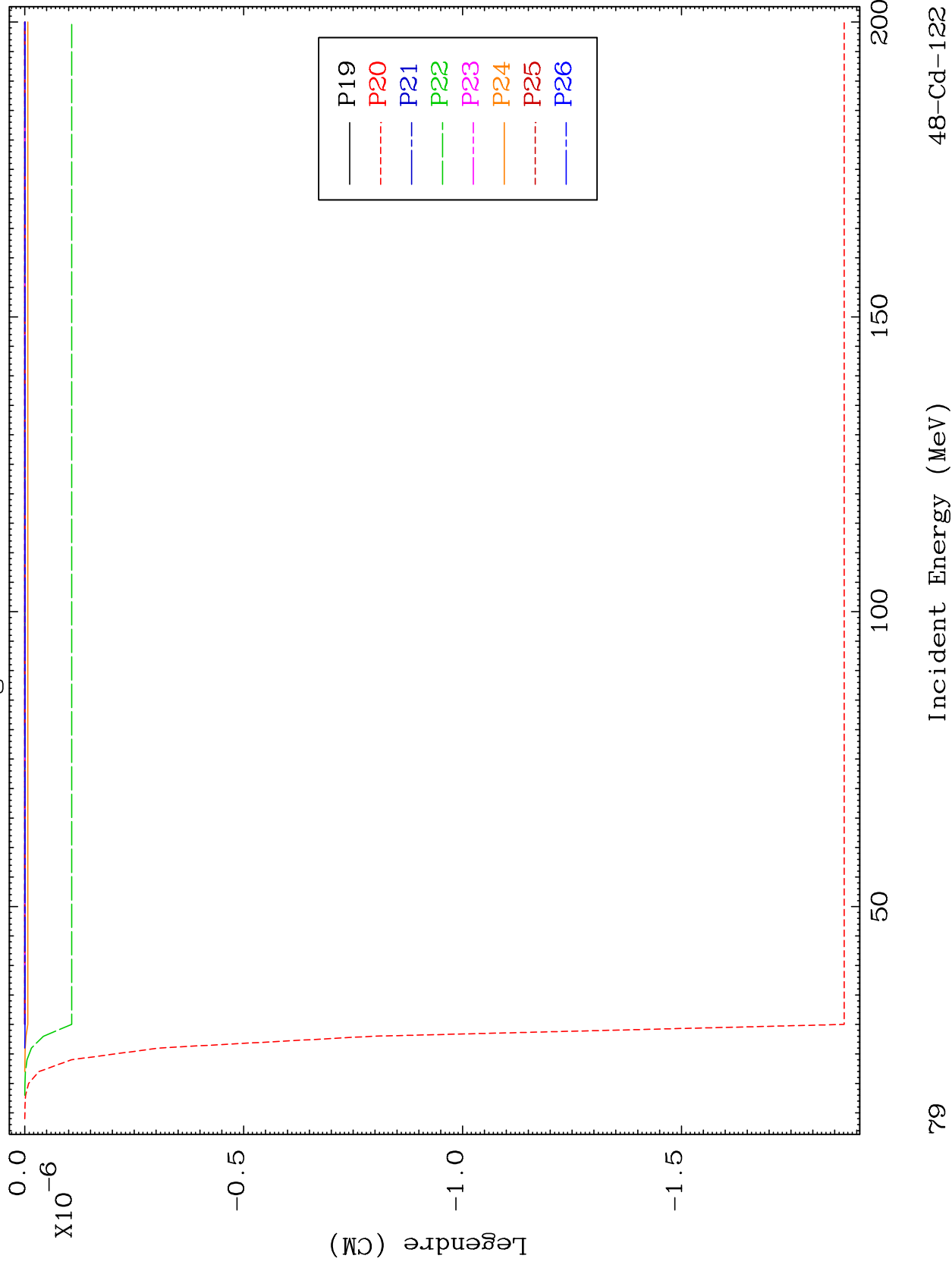
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

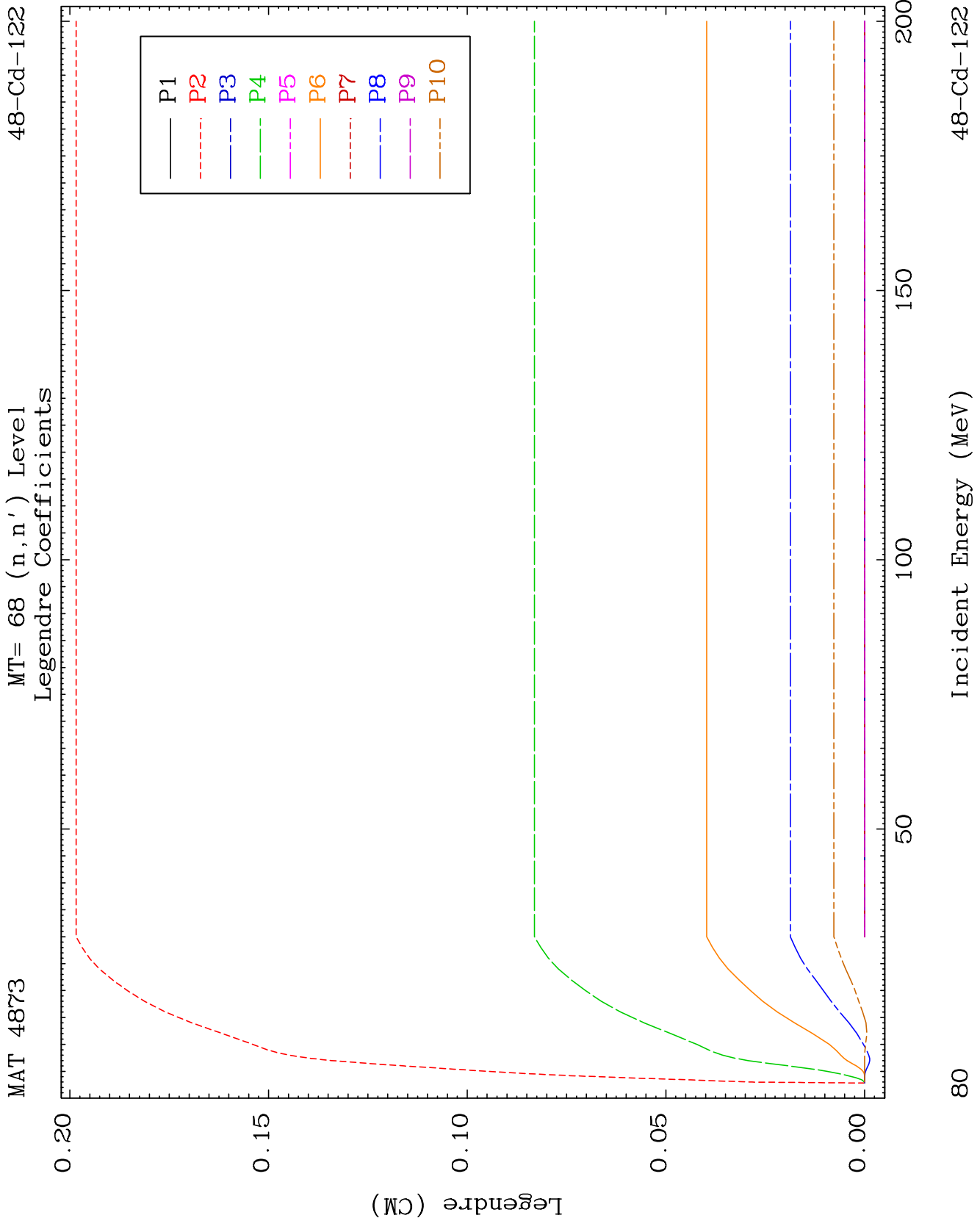
48-Cd-122



79

Incident Energy (MeV)

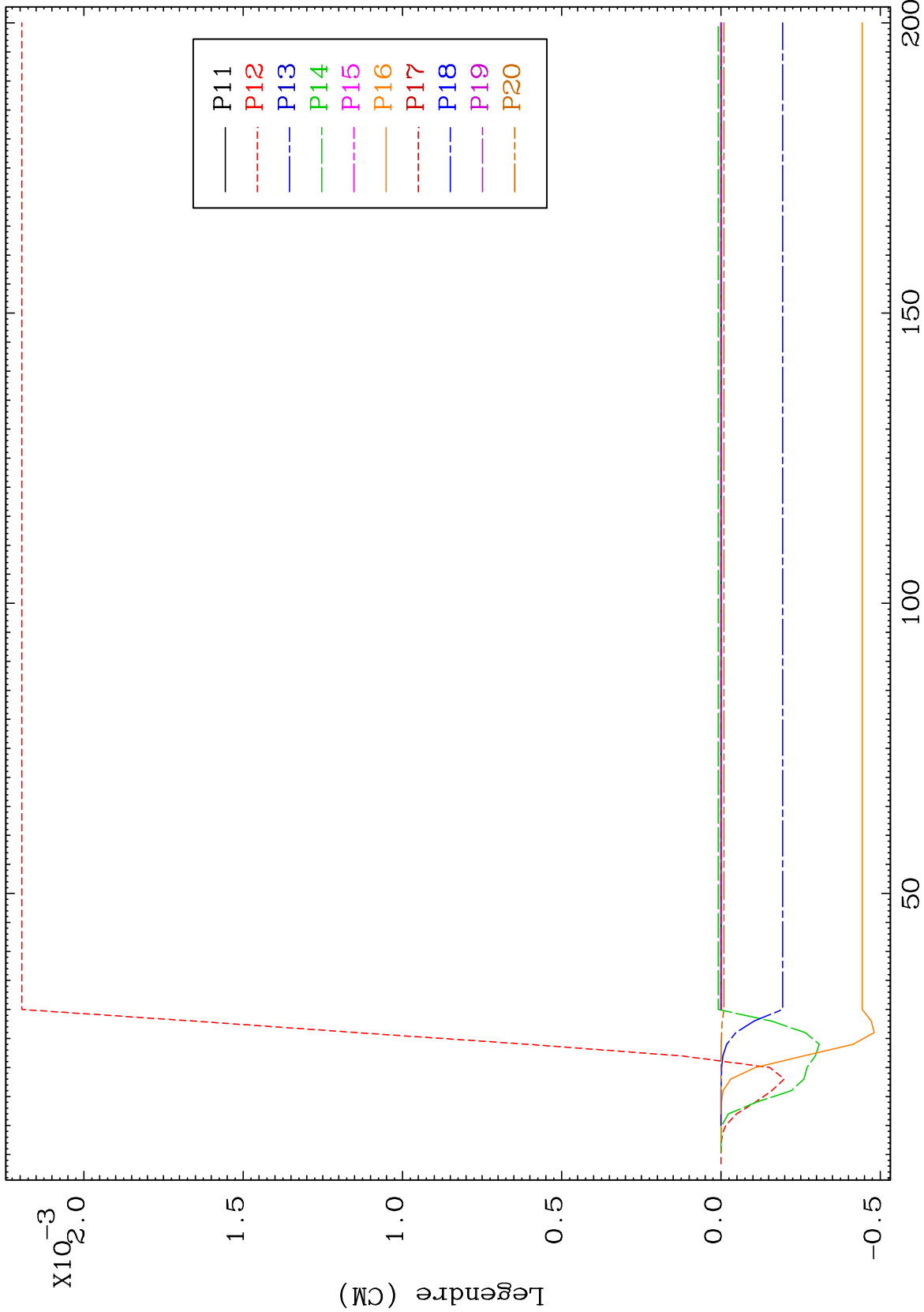
48-Cd-122



MAT 4873

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

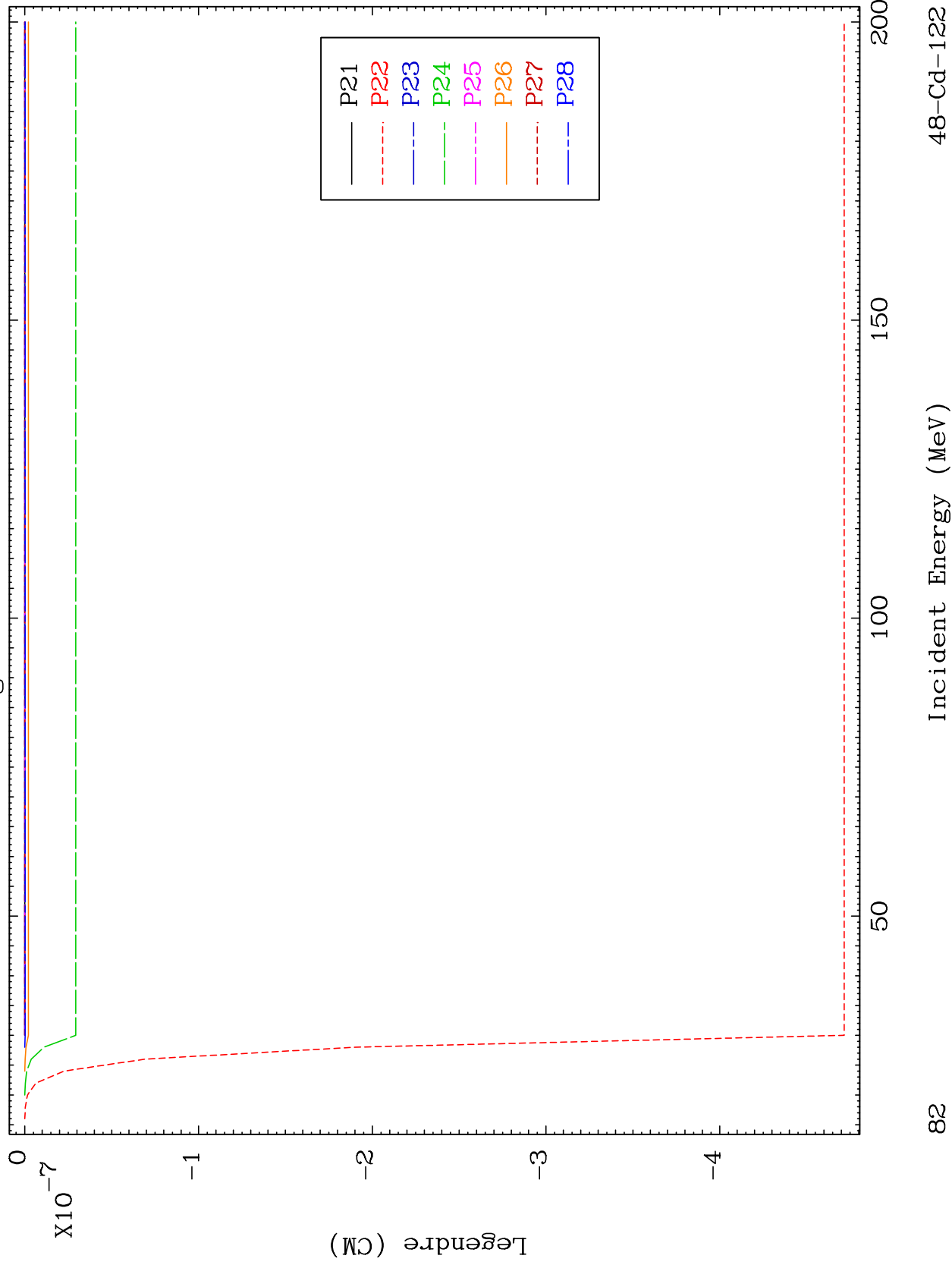
48-Cd-122



MAT 4873

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

48-Cd-122



82

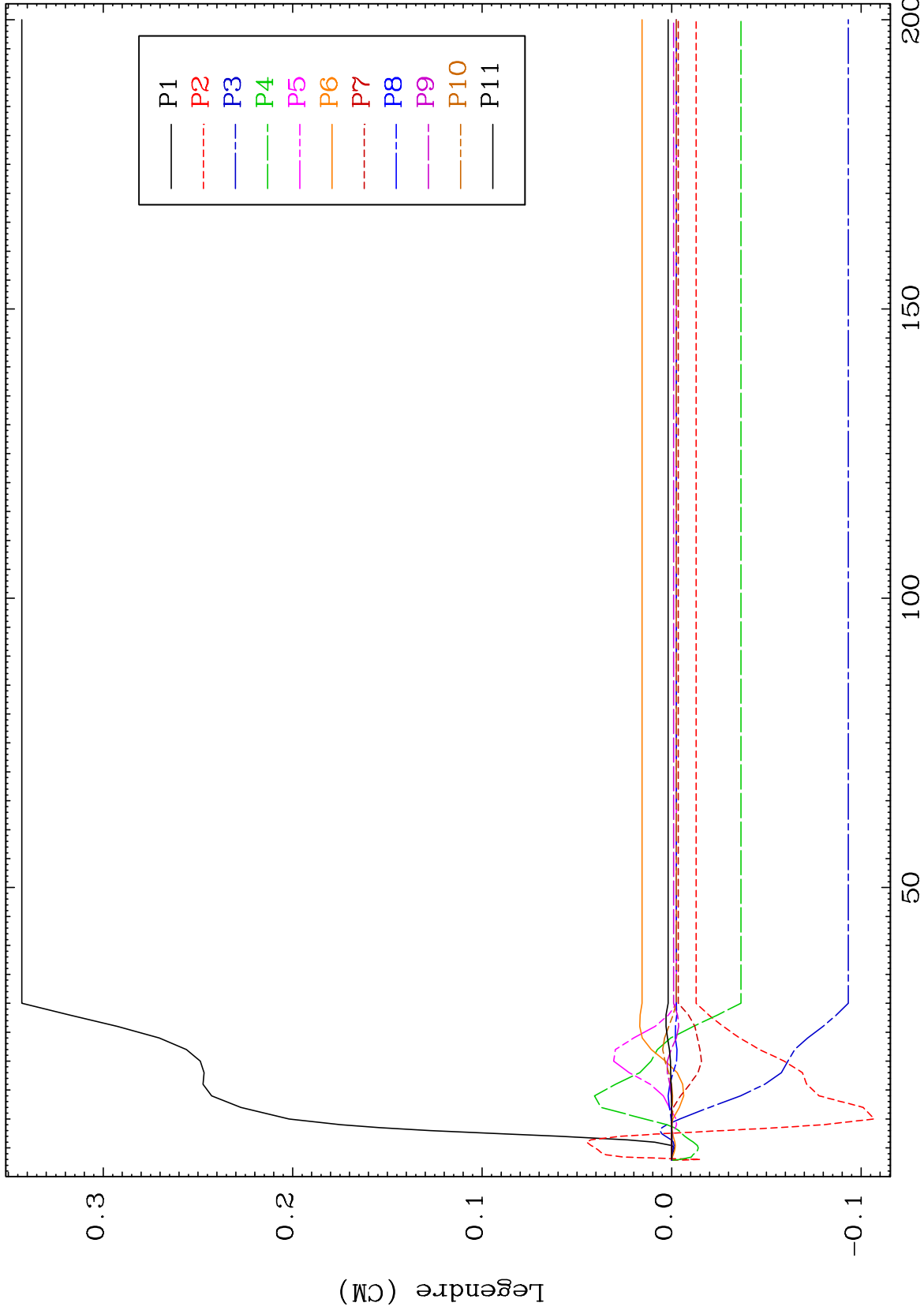
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

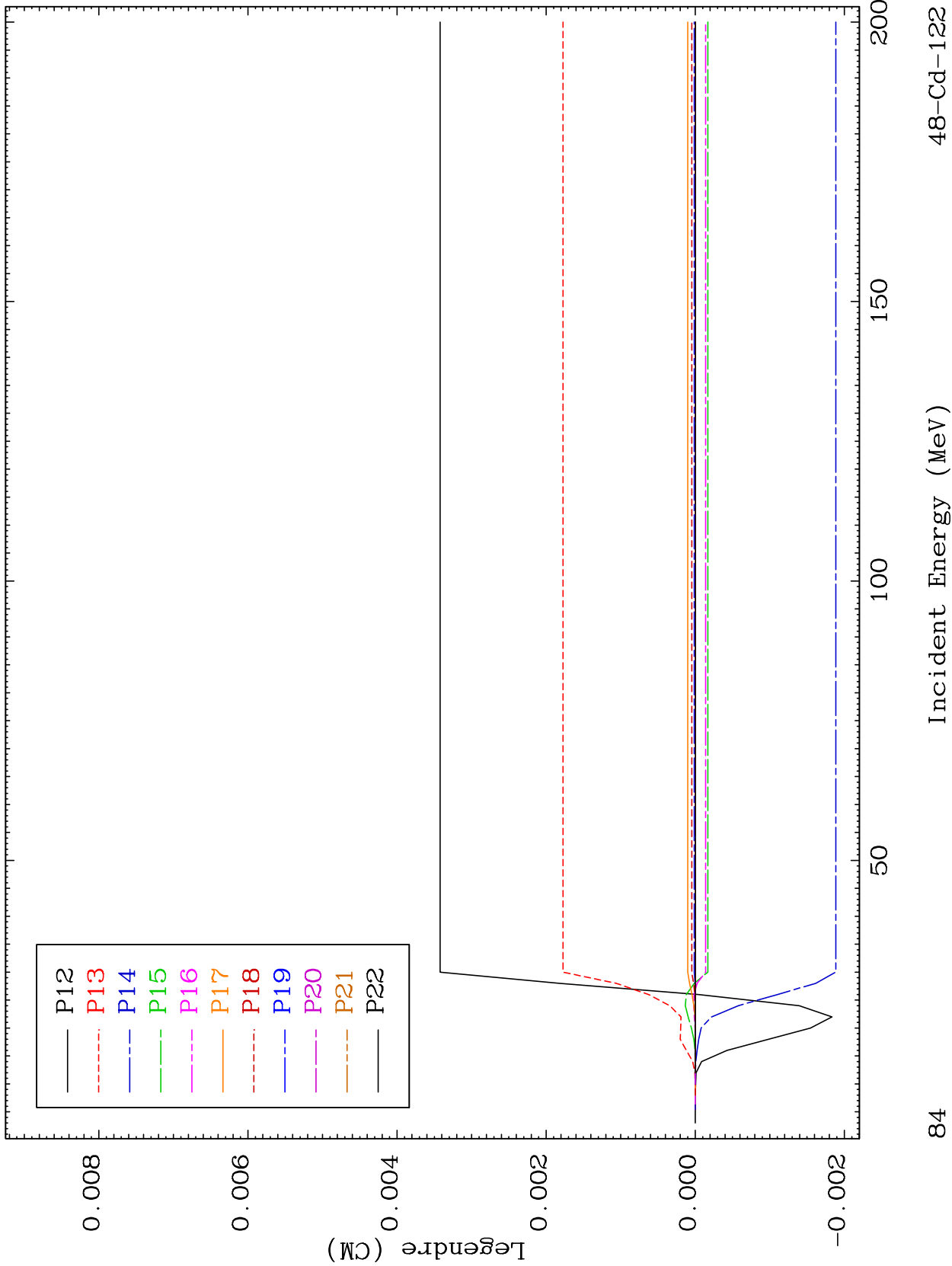
48-Cd-122



83

Incident Energy (MeV)

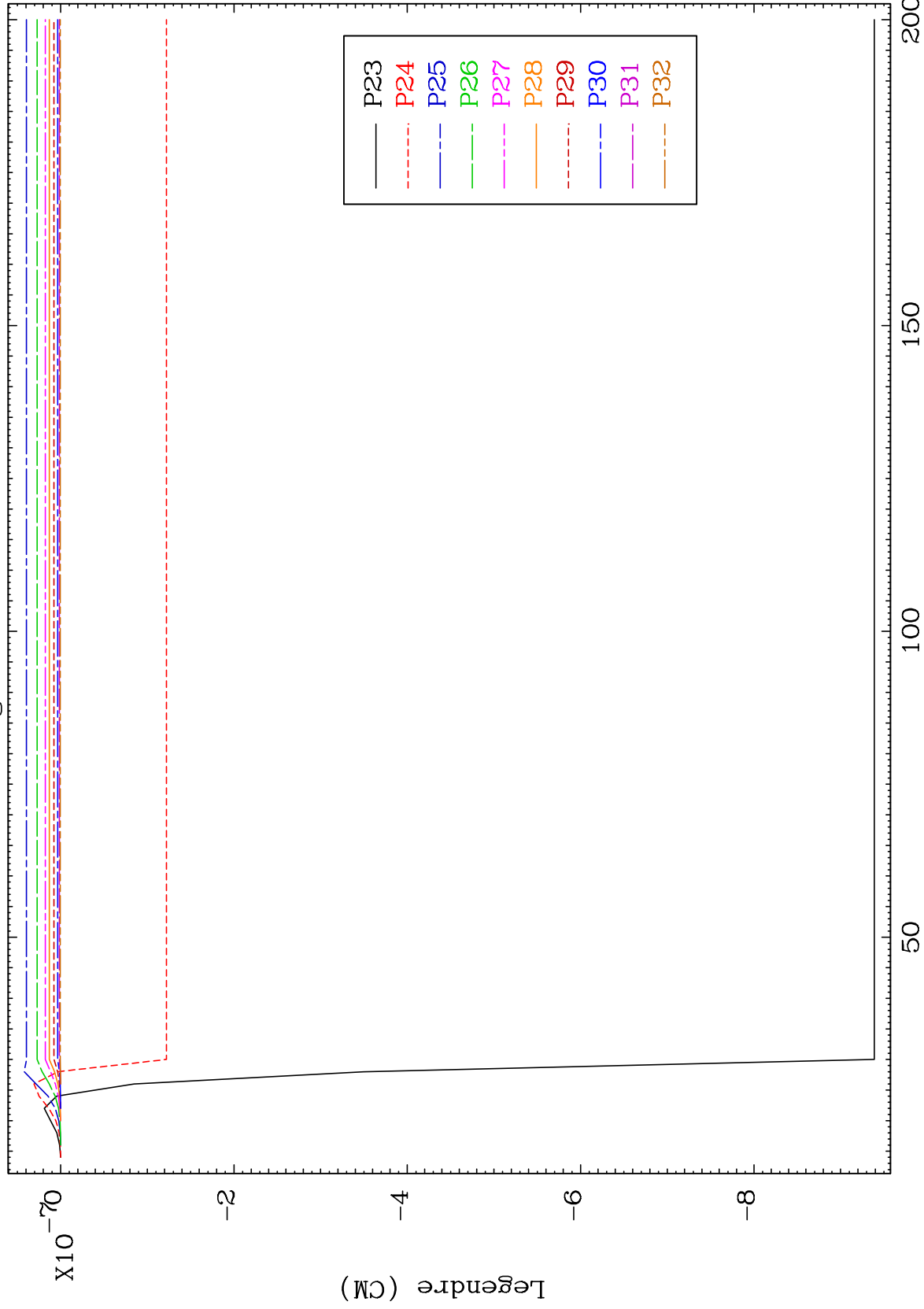
48-Cd-122



MAT 4873

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

48-Cd-122



85

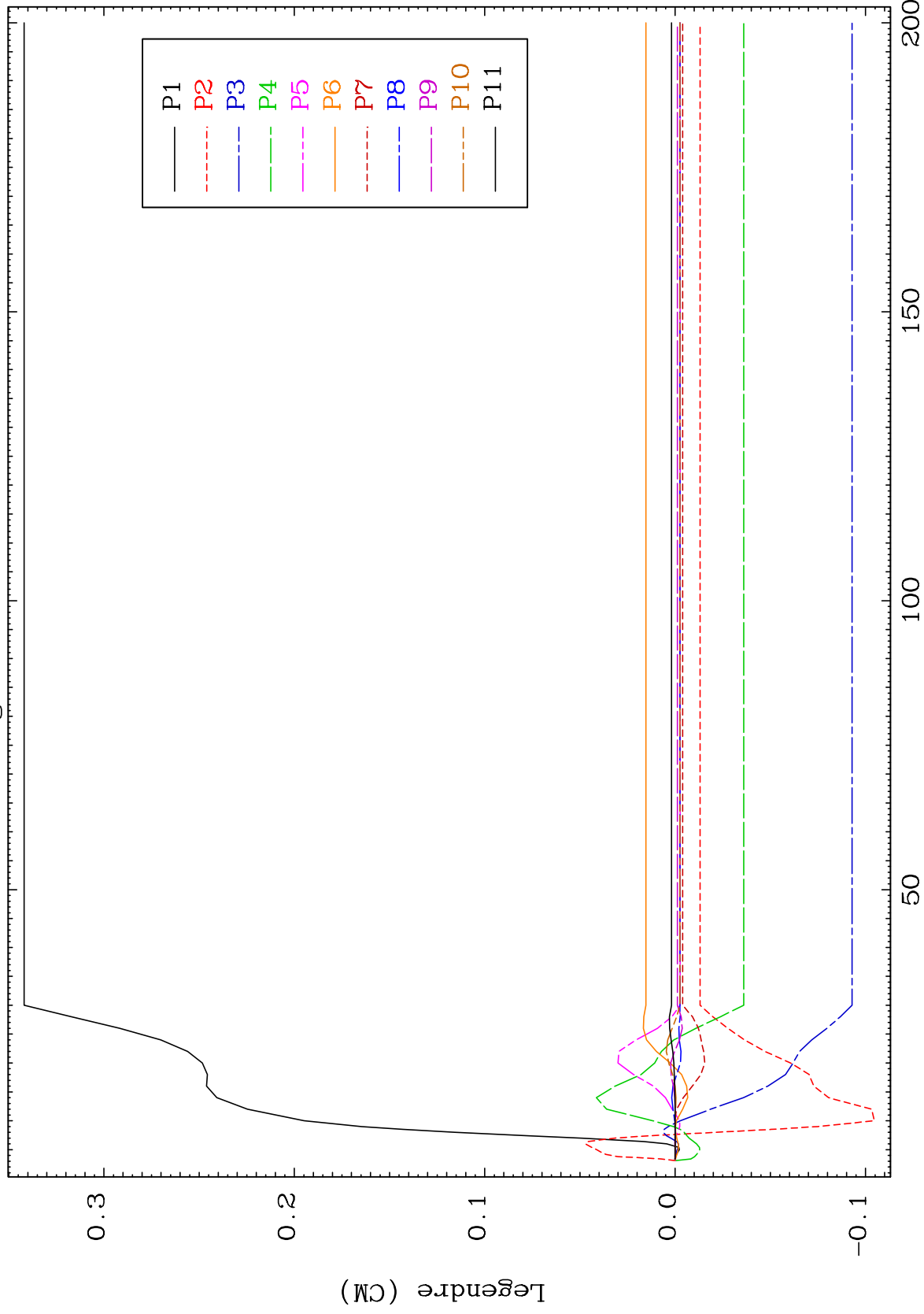
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



86

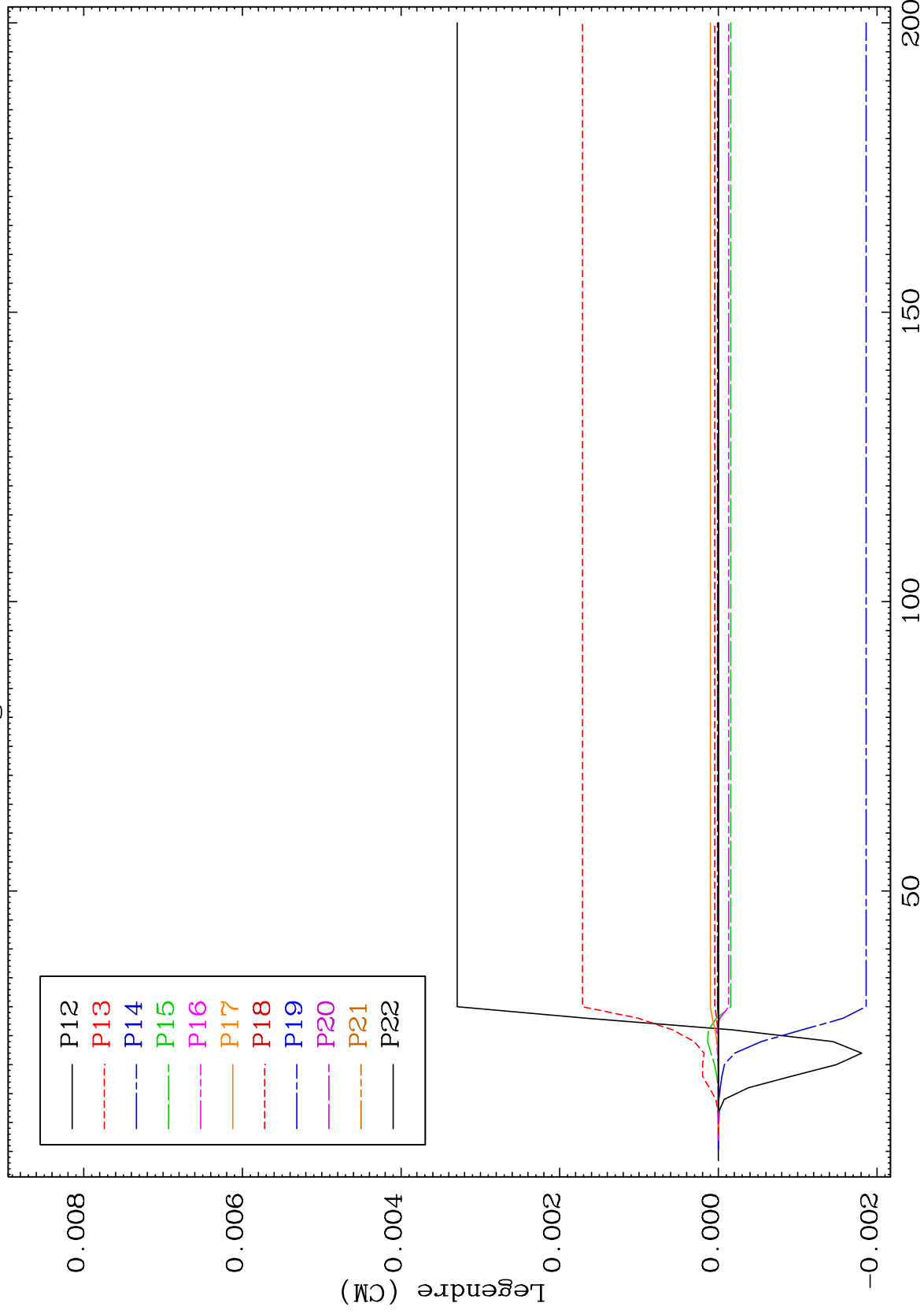
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

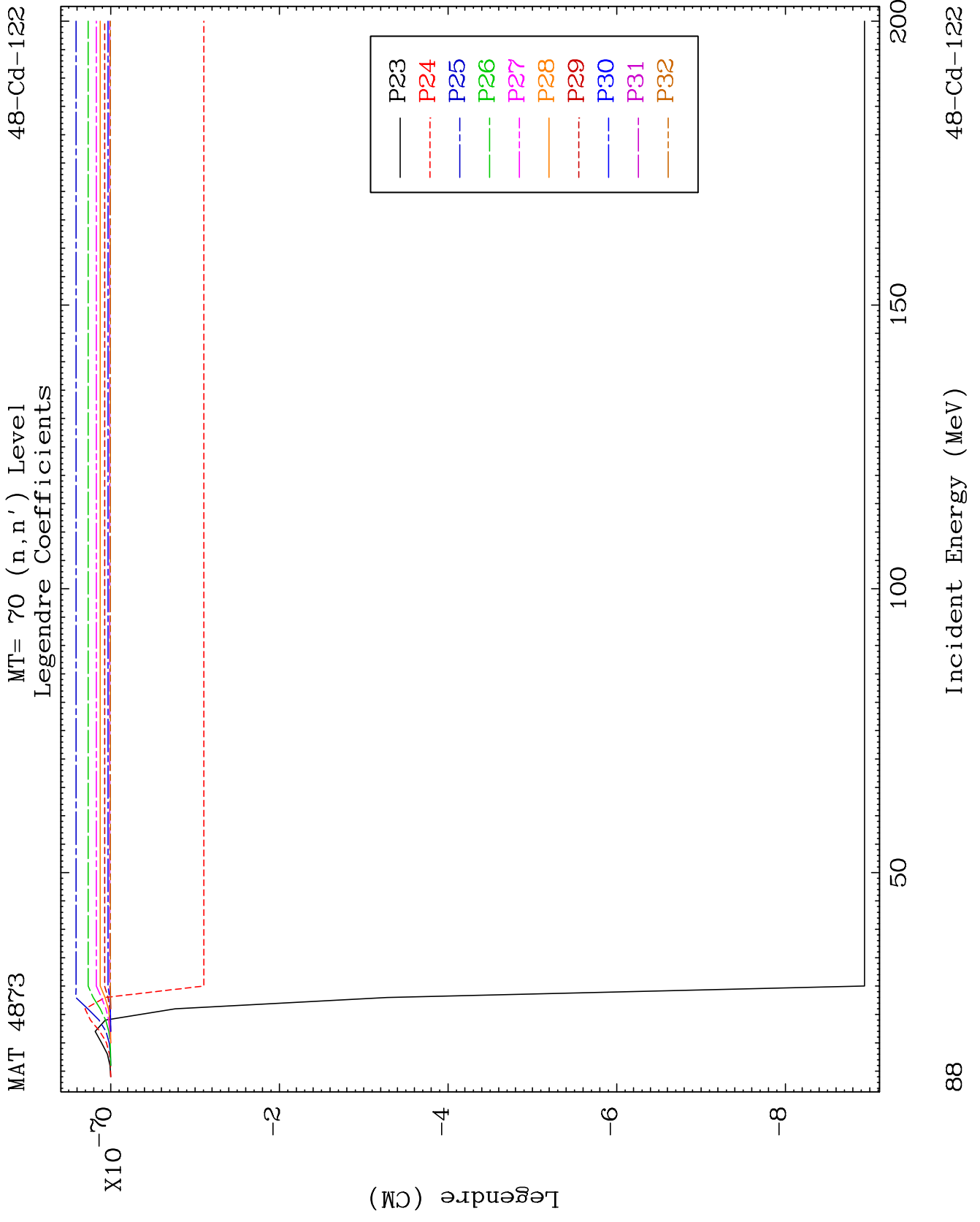
48-Cd-122



87

Incident Energy (MeV)

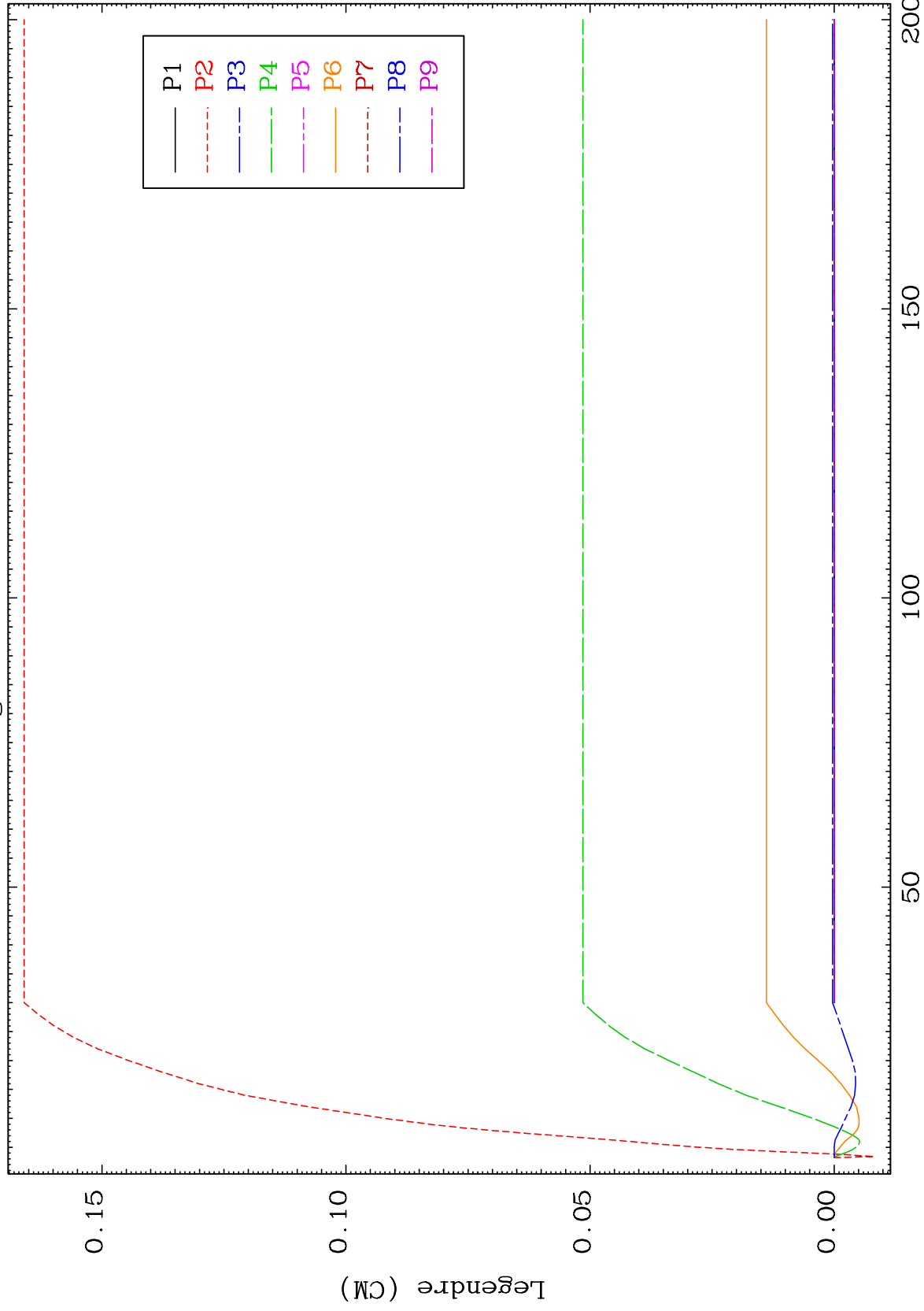
48-Cd-122



MAT 4873

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

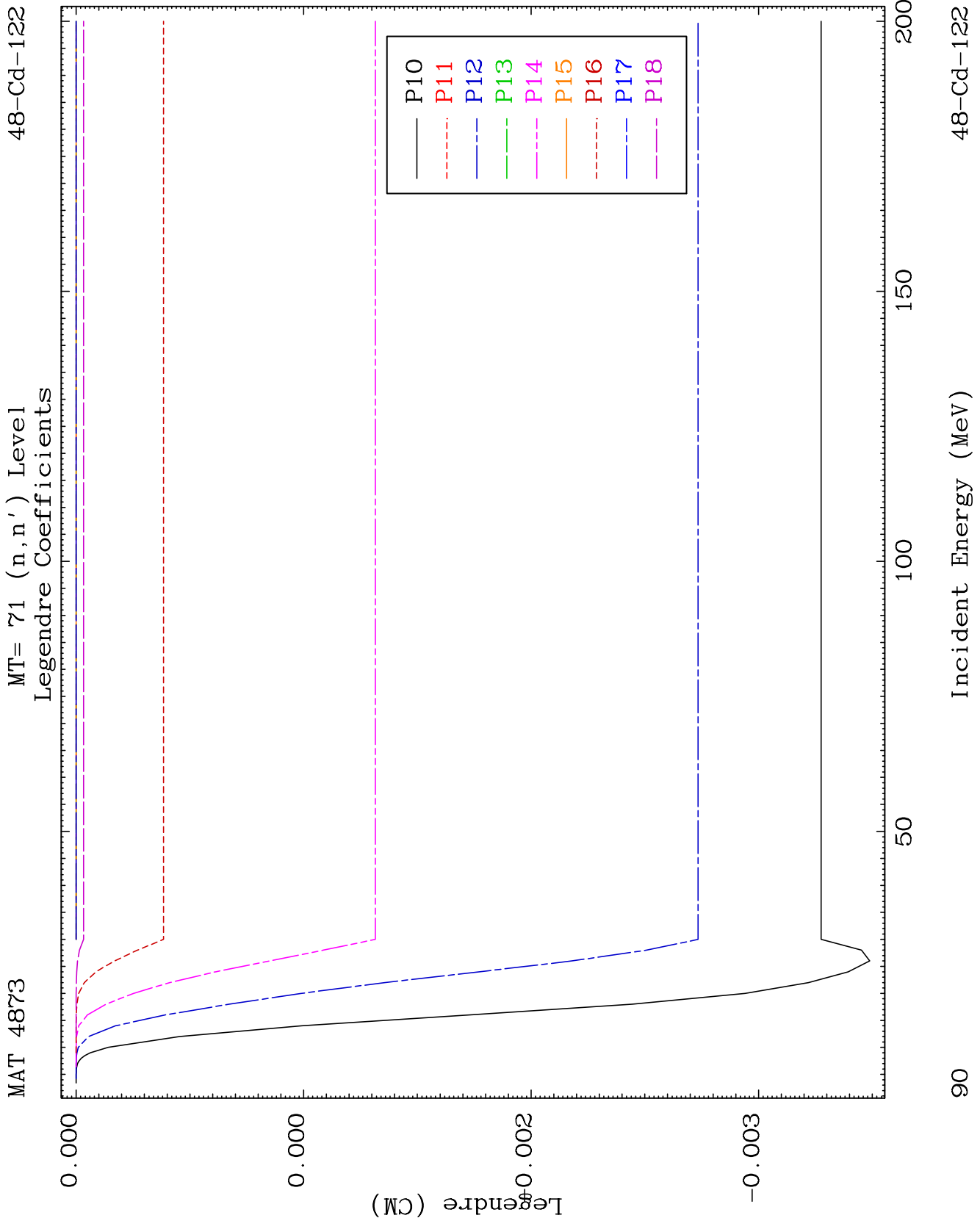
48-Cd-122

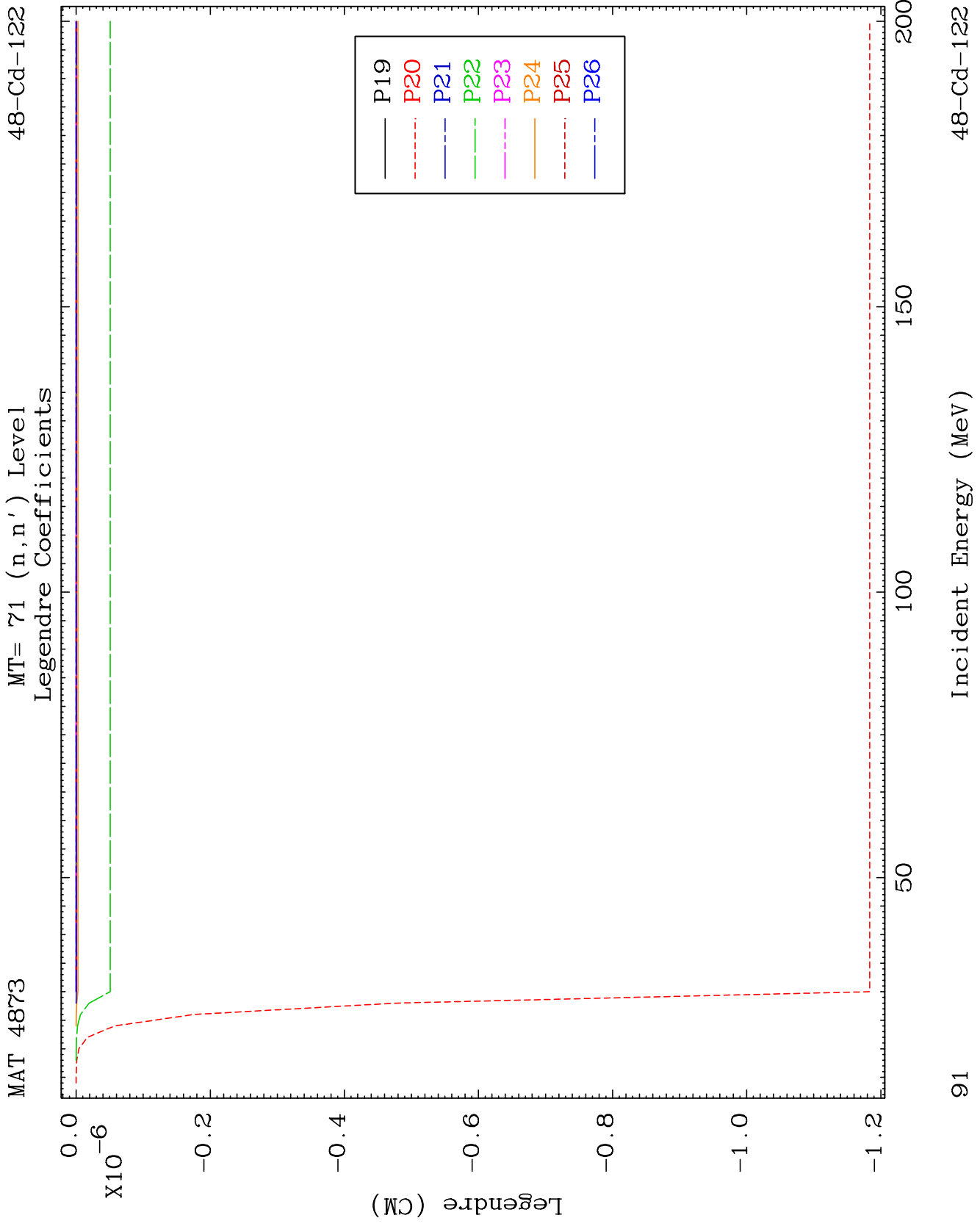


89

Incident Energy (MeV)

48-Cd-122

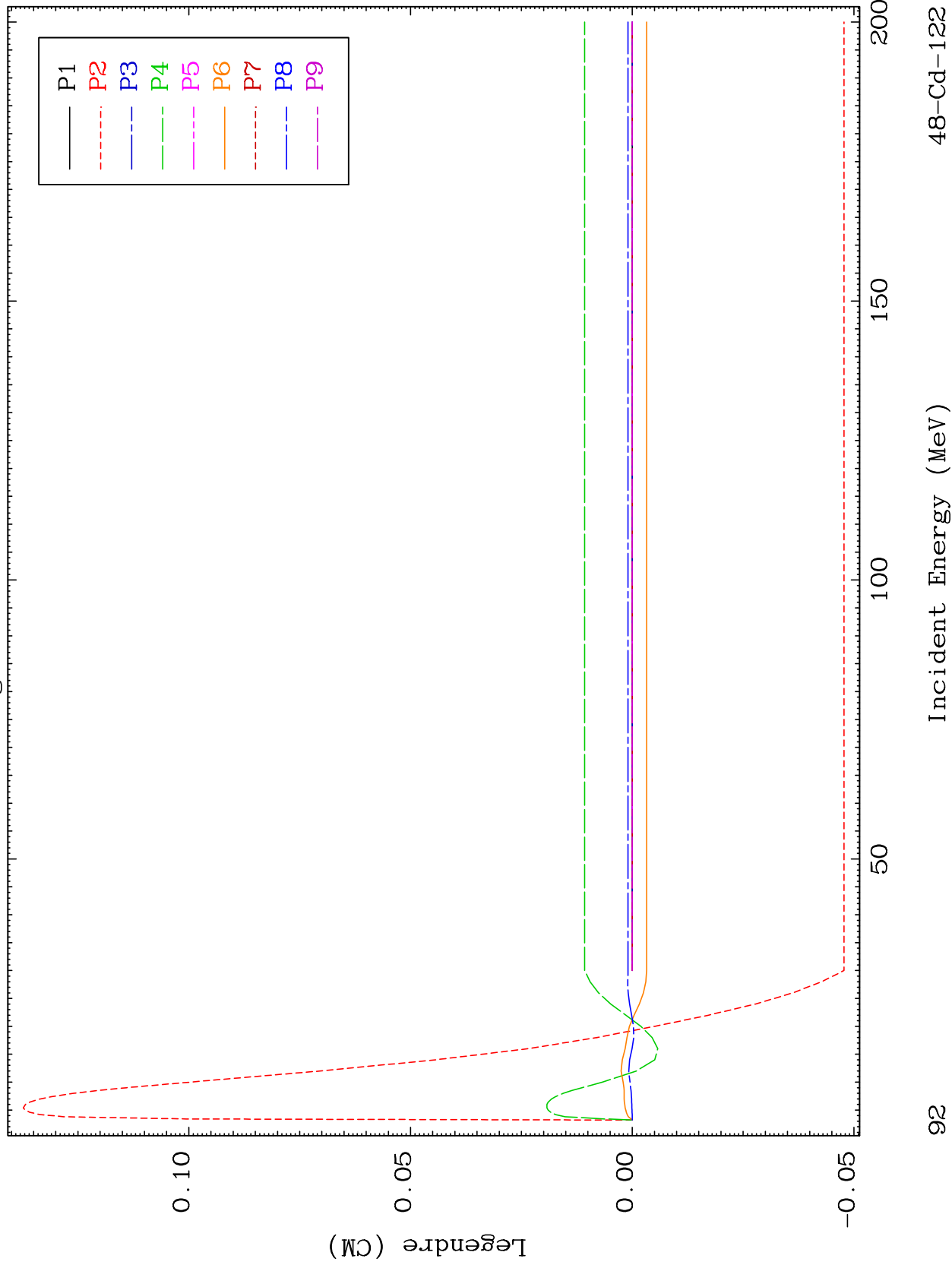




MAT 4873

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

48-Cd-122



92

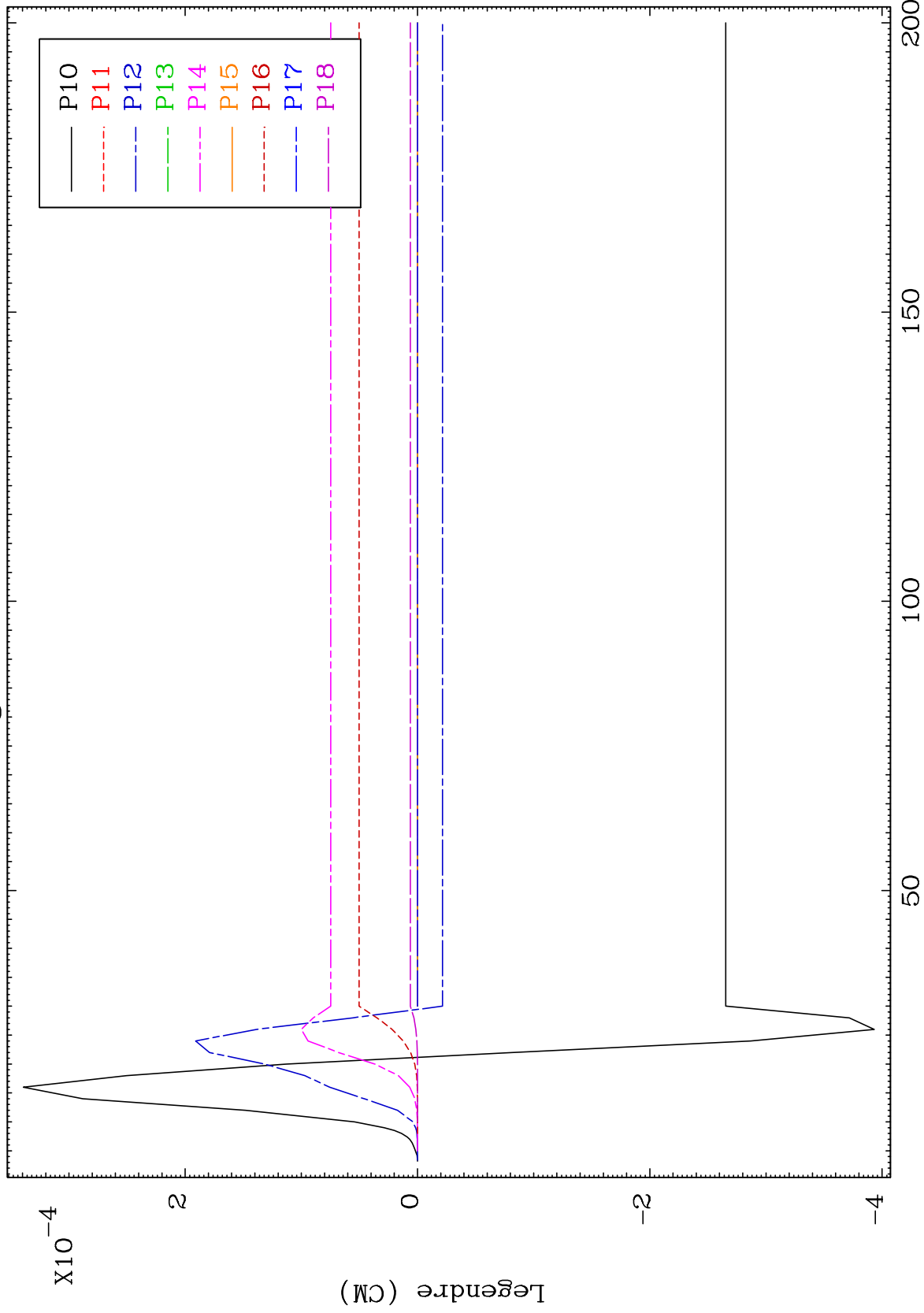
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



93

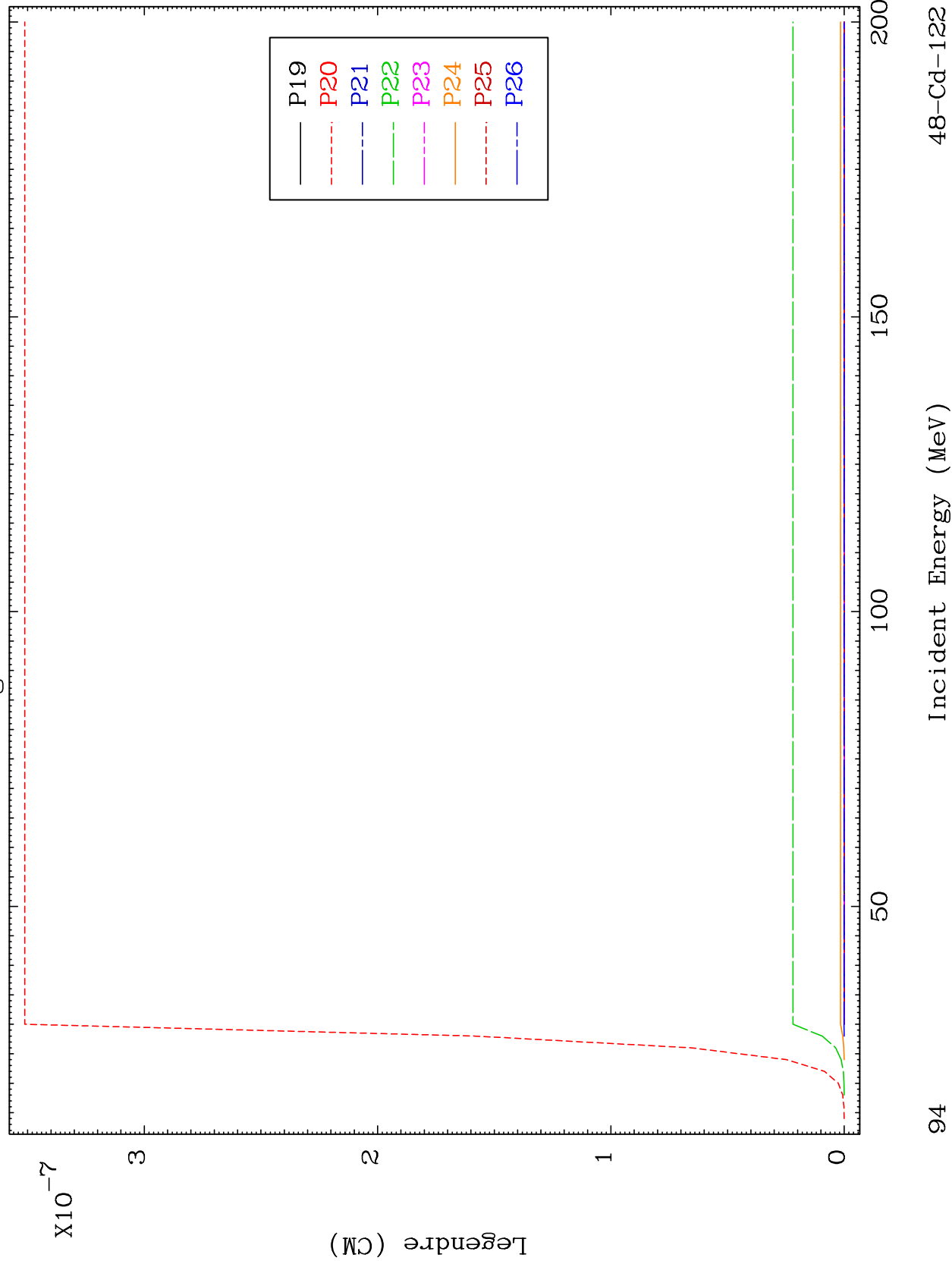
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



94

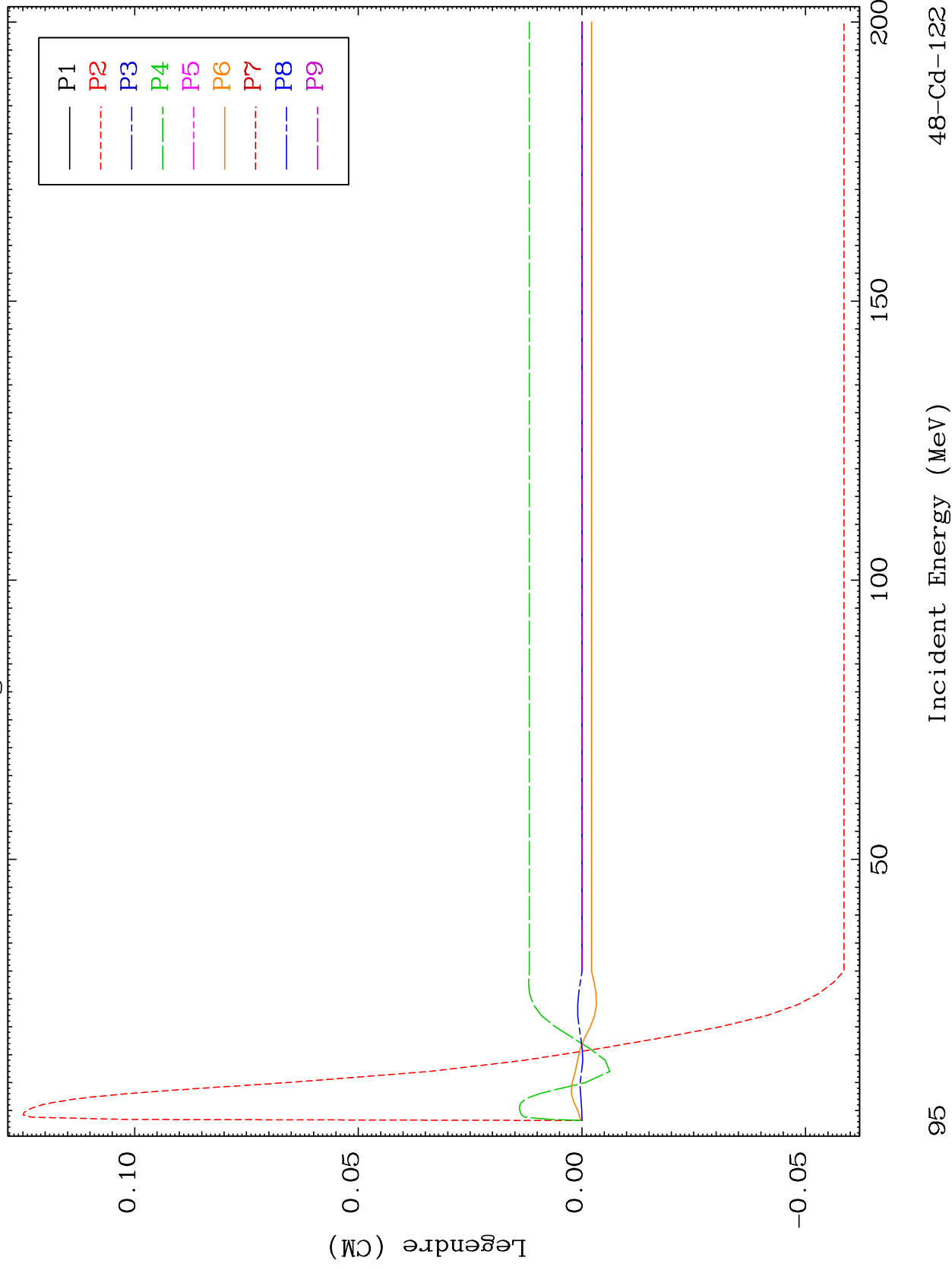
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

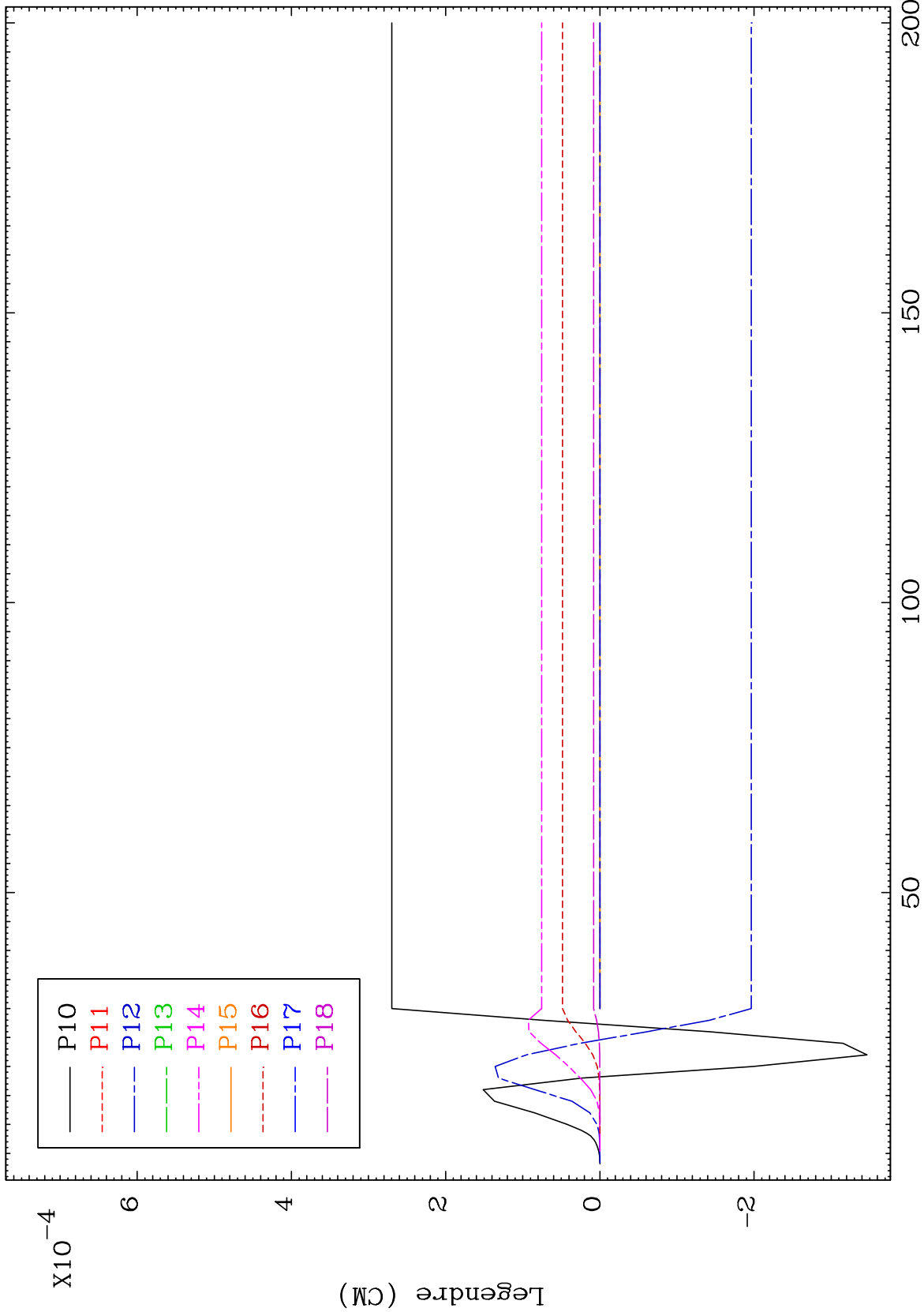
Incident Energy (MeV)

95

MAT 4873

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

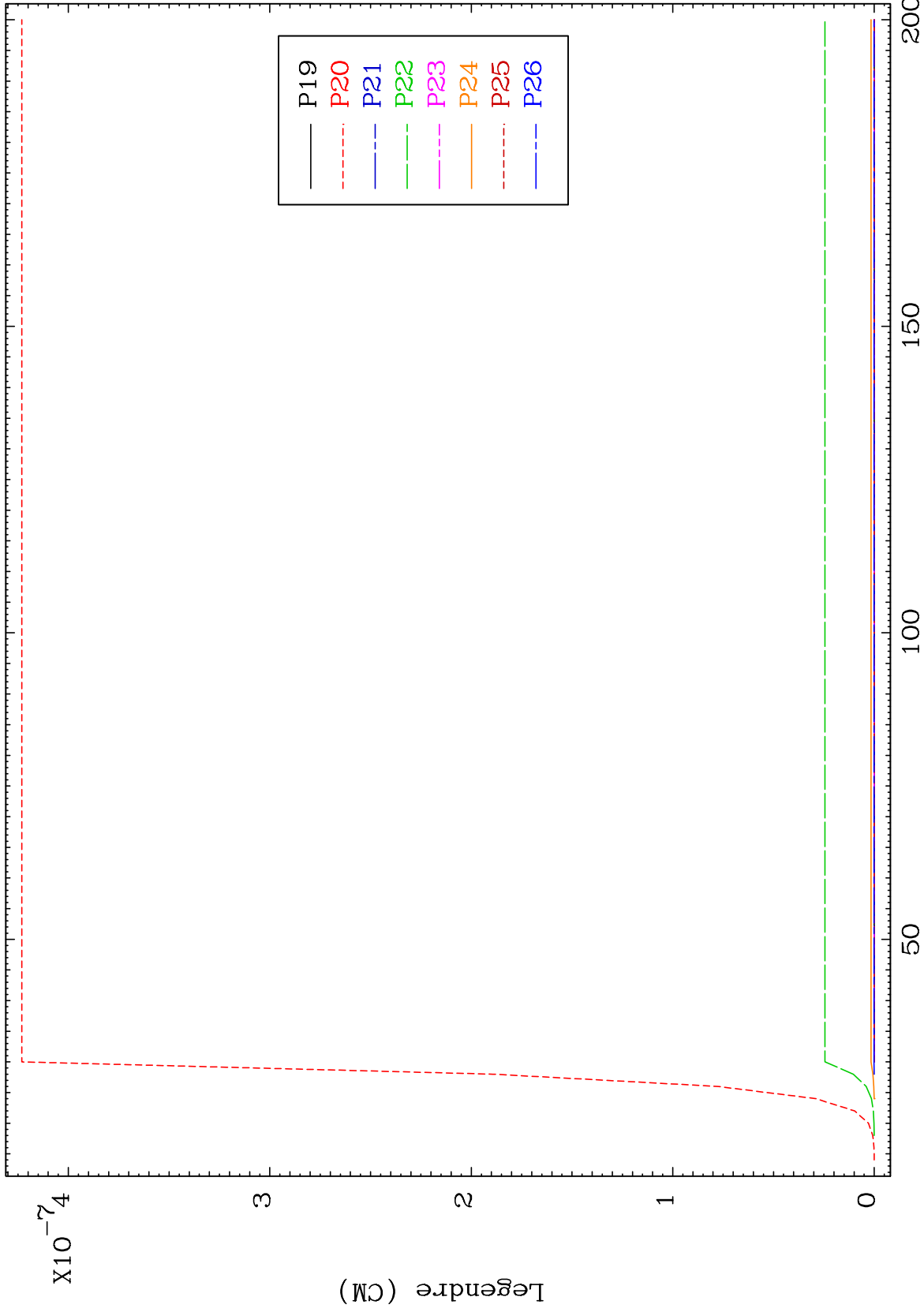
48-Cd-122



MAT 4873

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

48-Cd-122



97

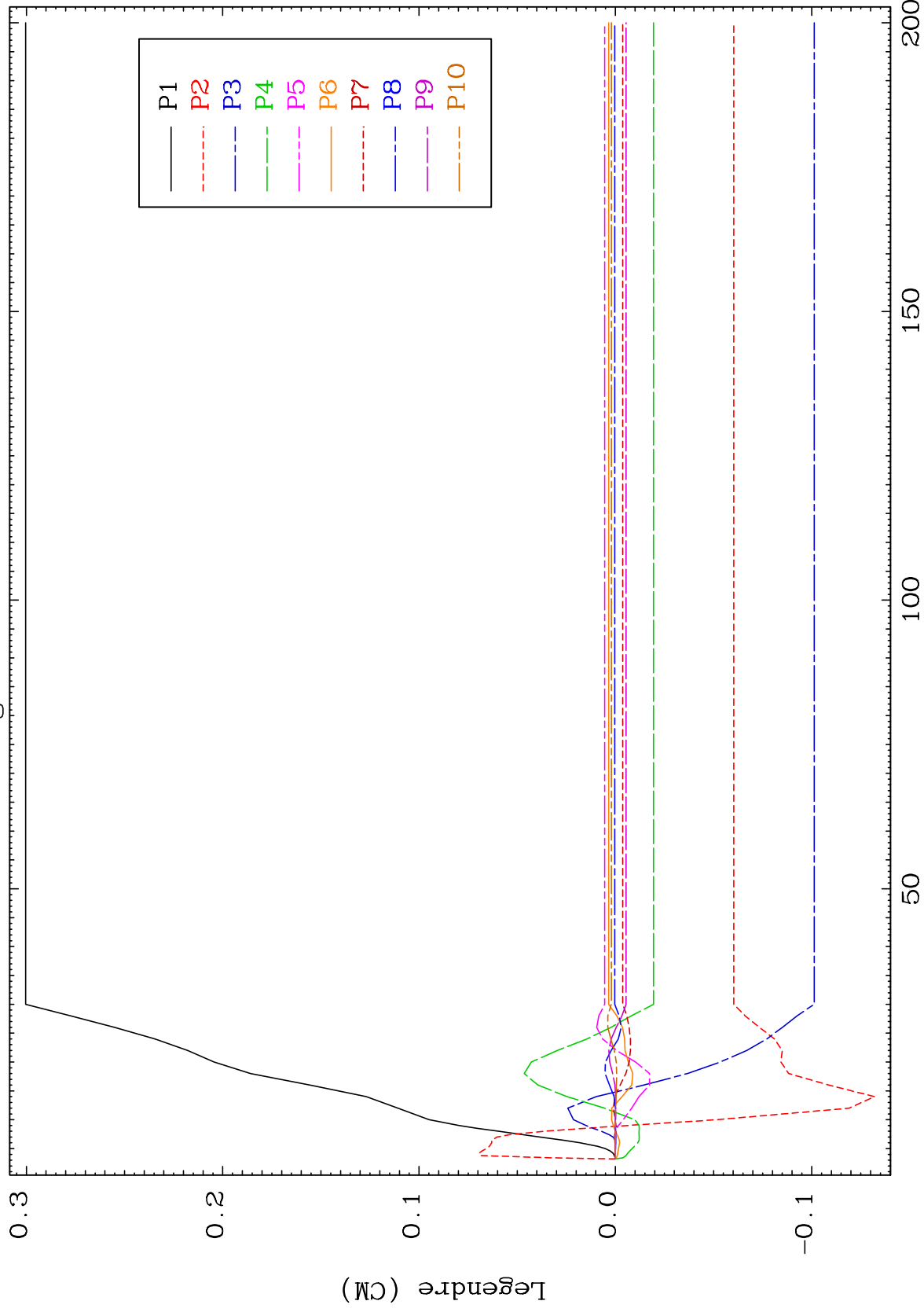
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



98

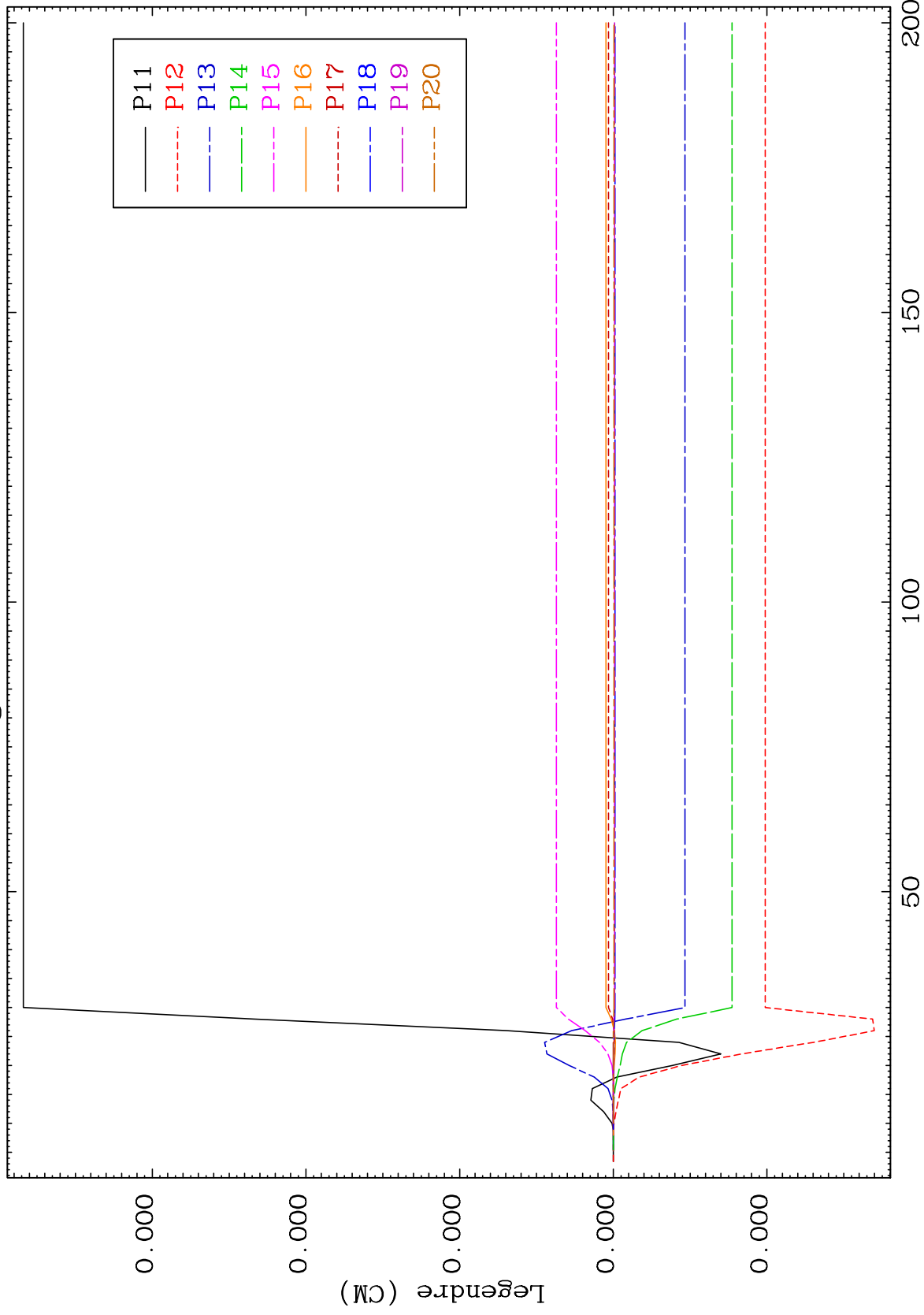
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



99

Incident Energy (MeV)

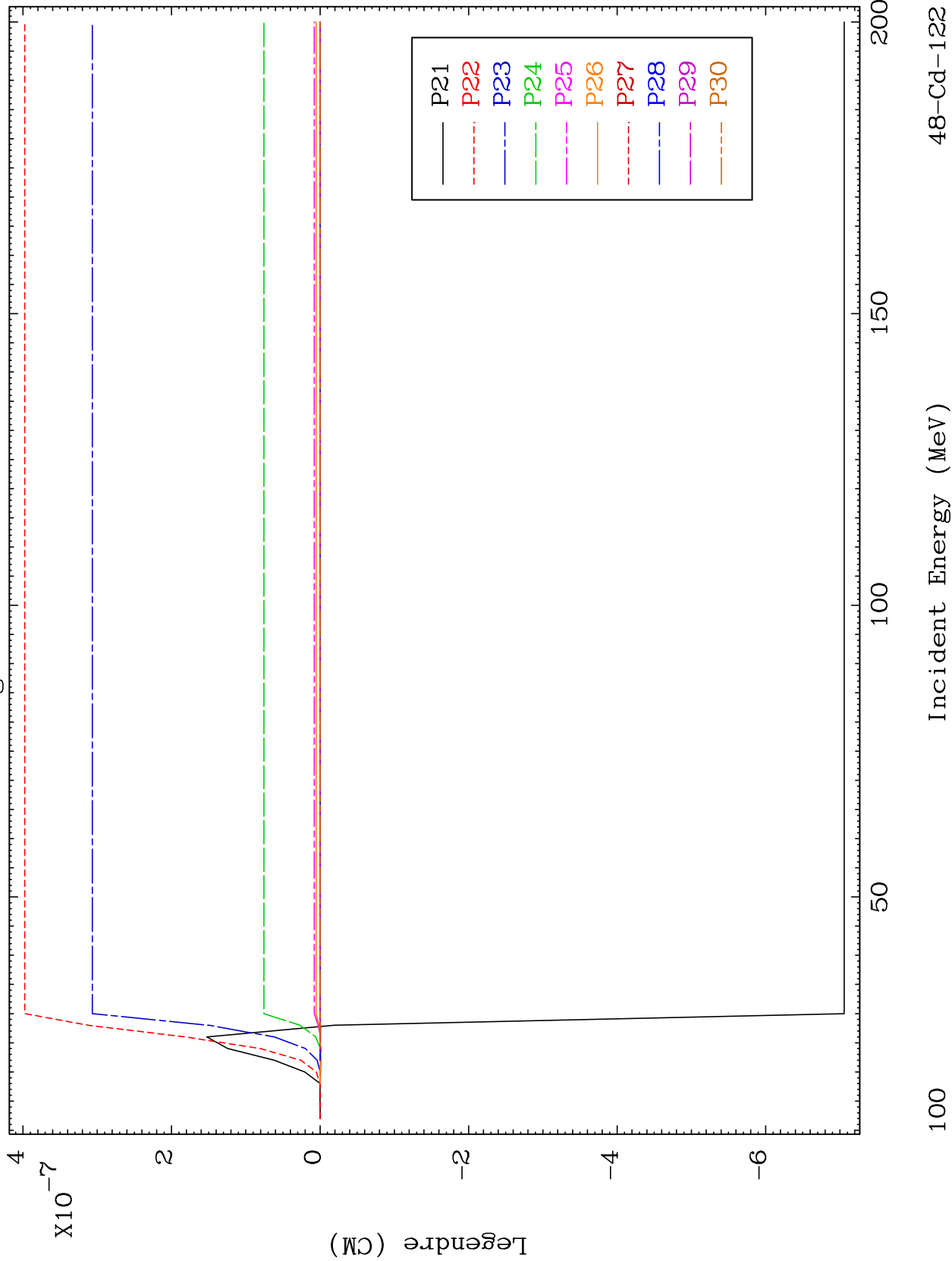
48-Cd-122

MAT 4873

MT= 74 (n,n') Level

48-Cd-122

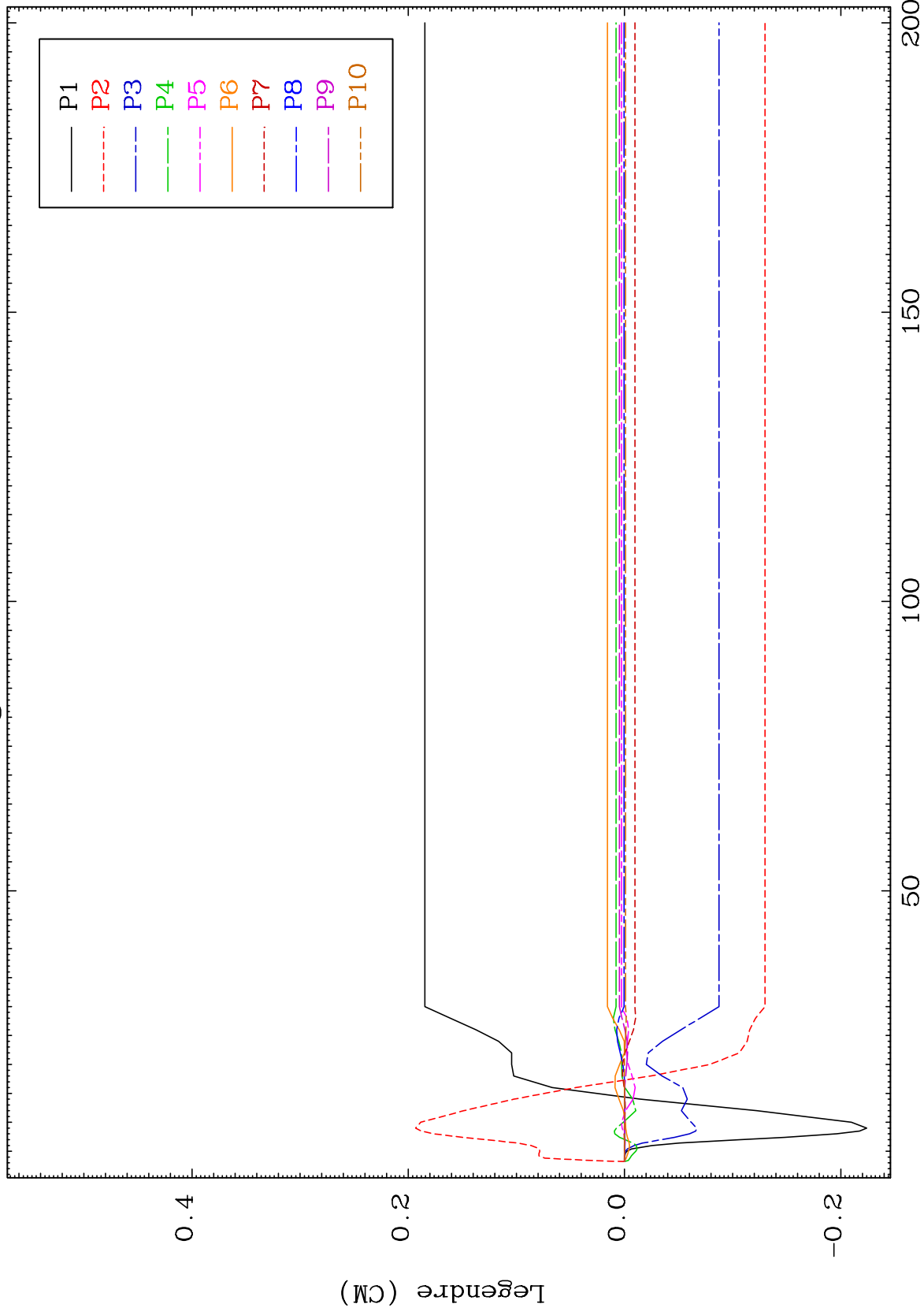
Legendre Coefficients



MAT 4873

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

48-Cd-122



101

Incident Energy (MeV)

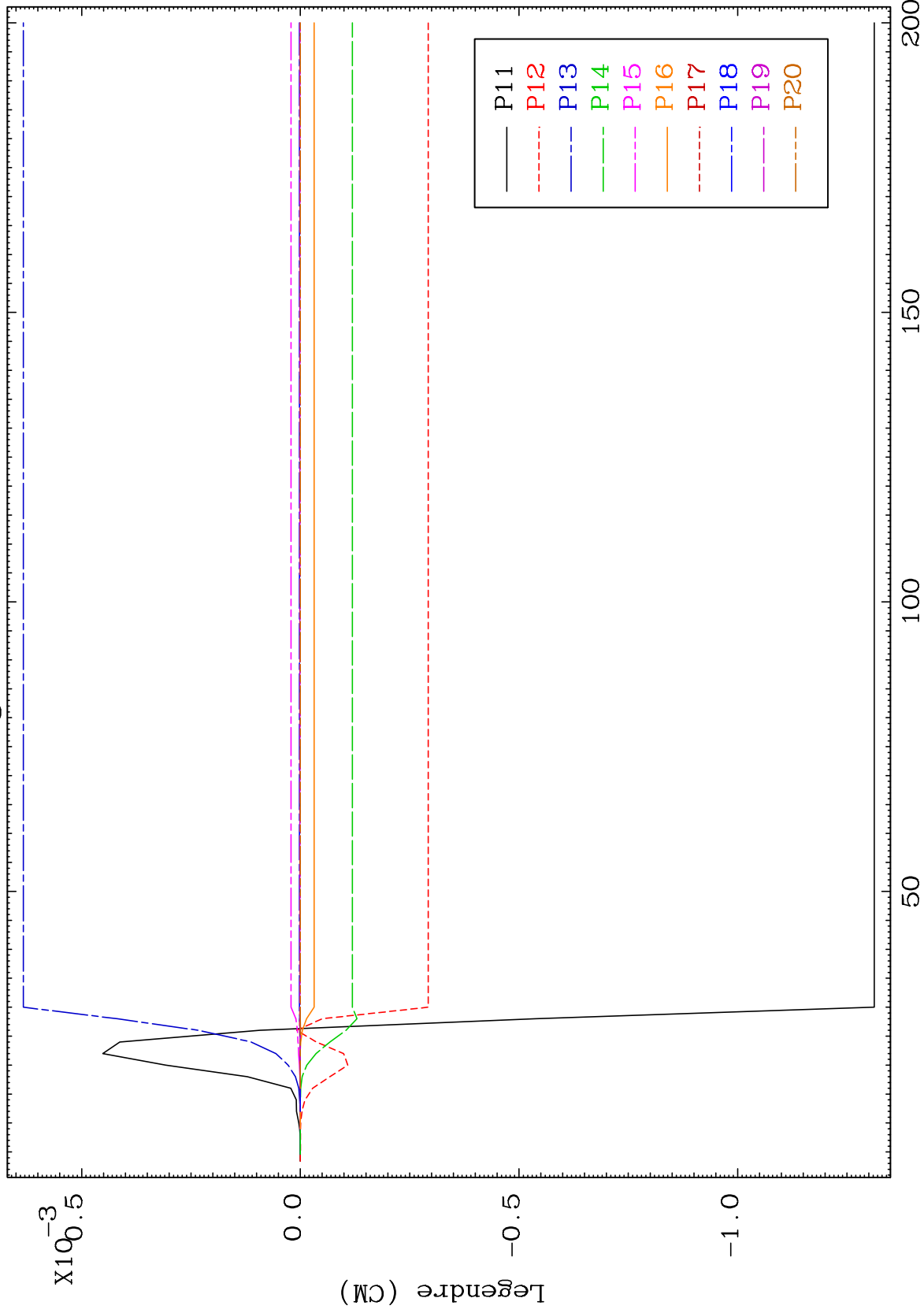
48-Cd-122

MAT 4873

MT= 75 (n,n') Level

48-Cd-122

Legendre Coefficients



102

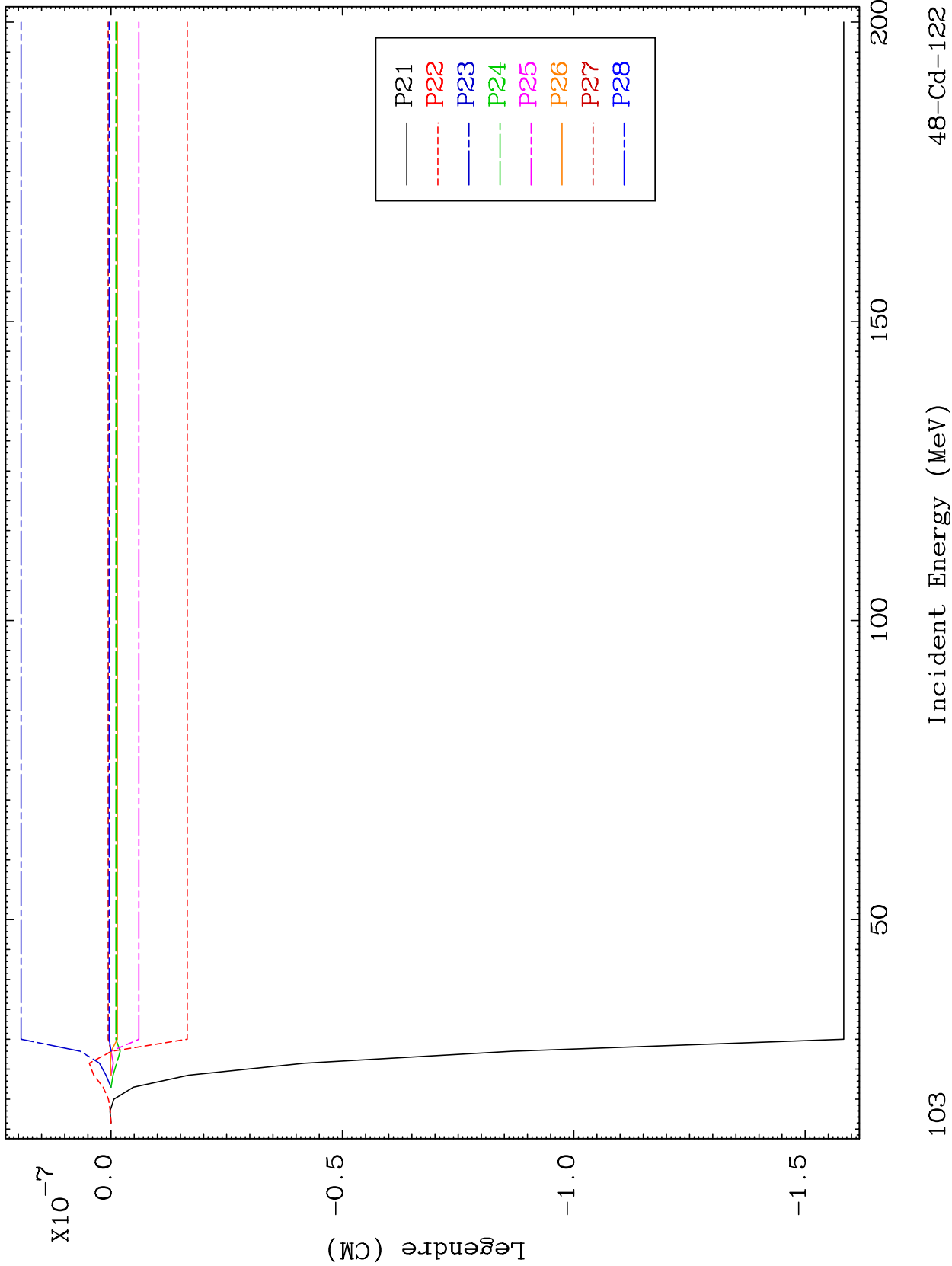
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

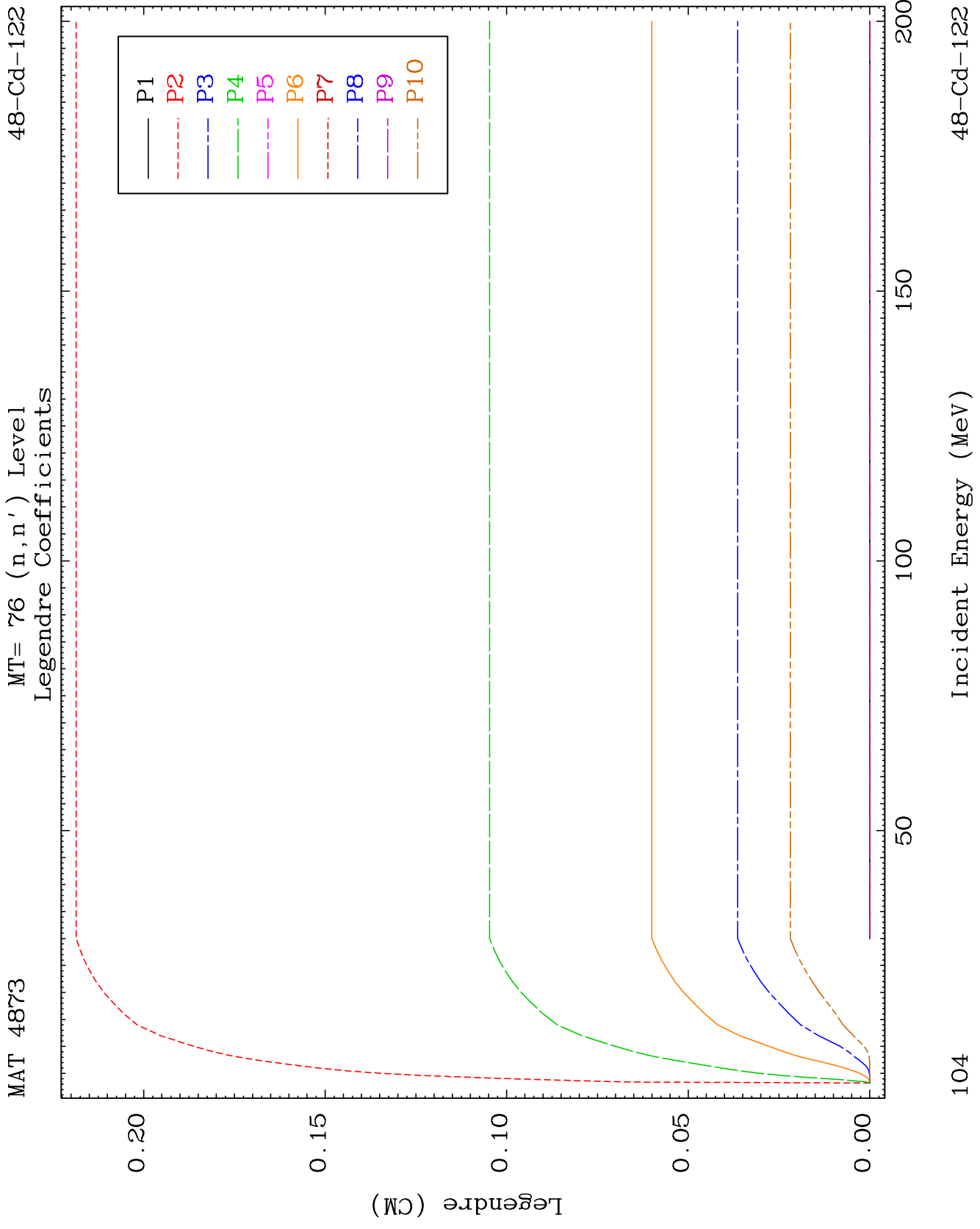
48-Cd-122



103

Incident Energy (MeV)

48-Cd-122

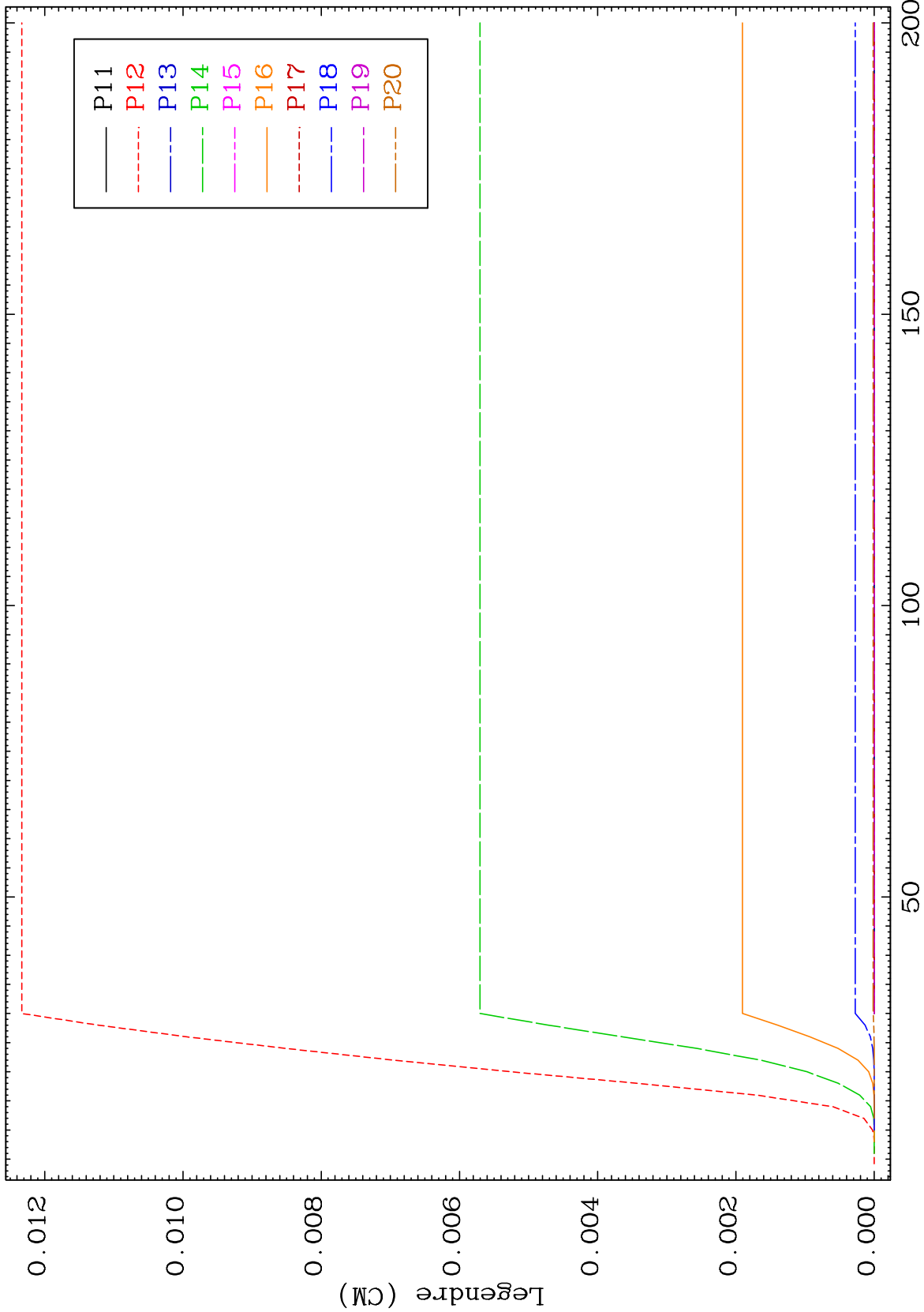


MAT 4873

MT= 76 (n,n') Level

48-Cd-122

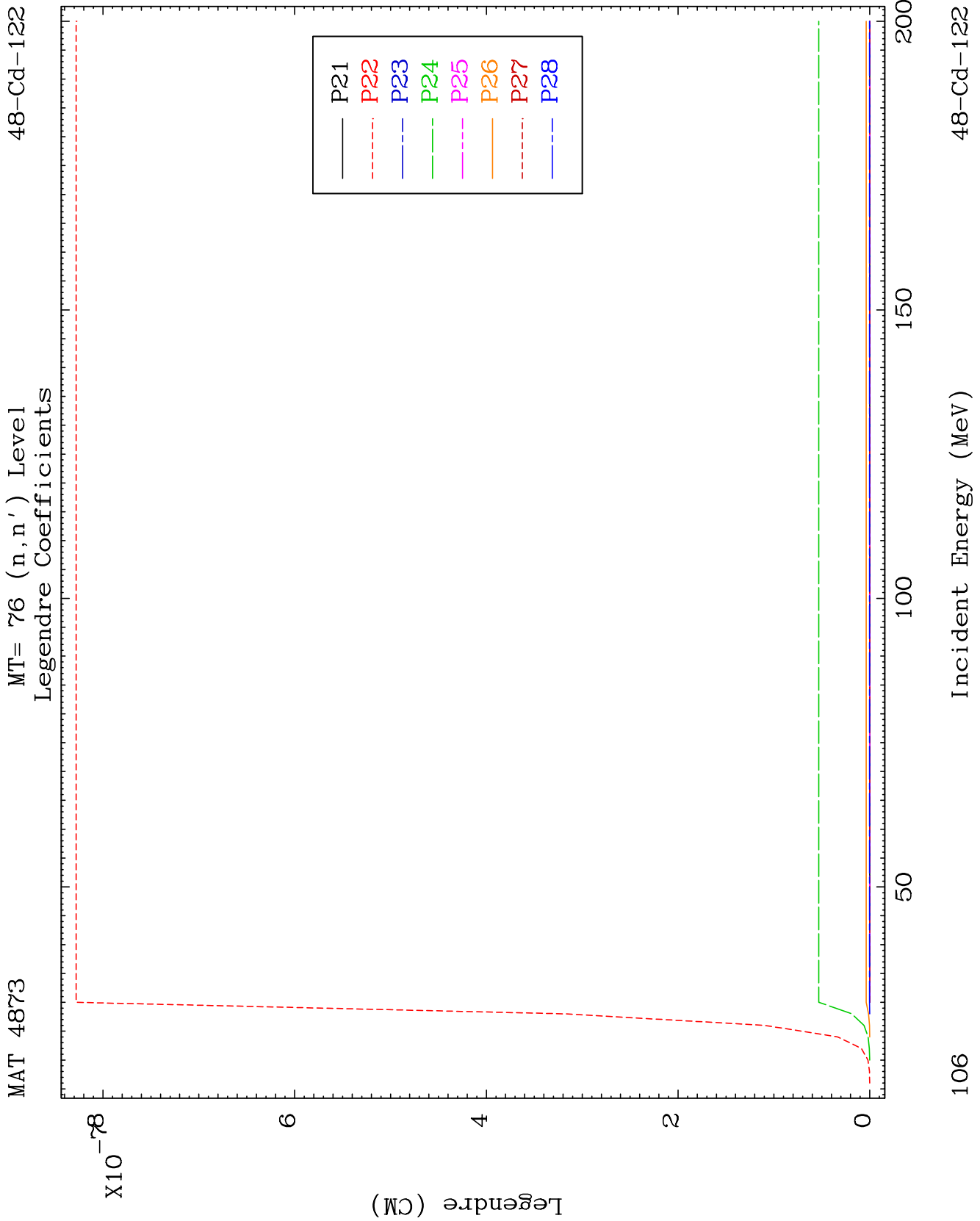
Legendre Coefficients



105

Incident Energy (MeV)

48-Cd-122

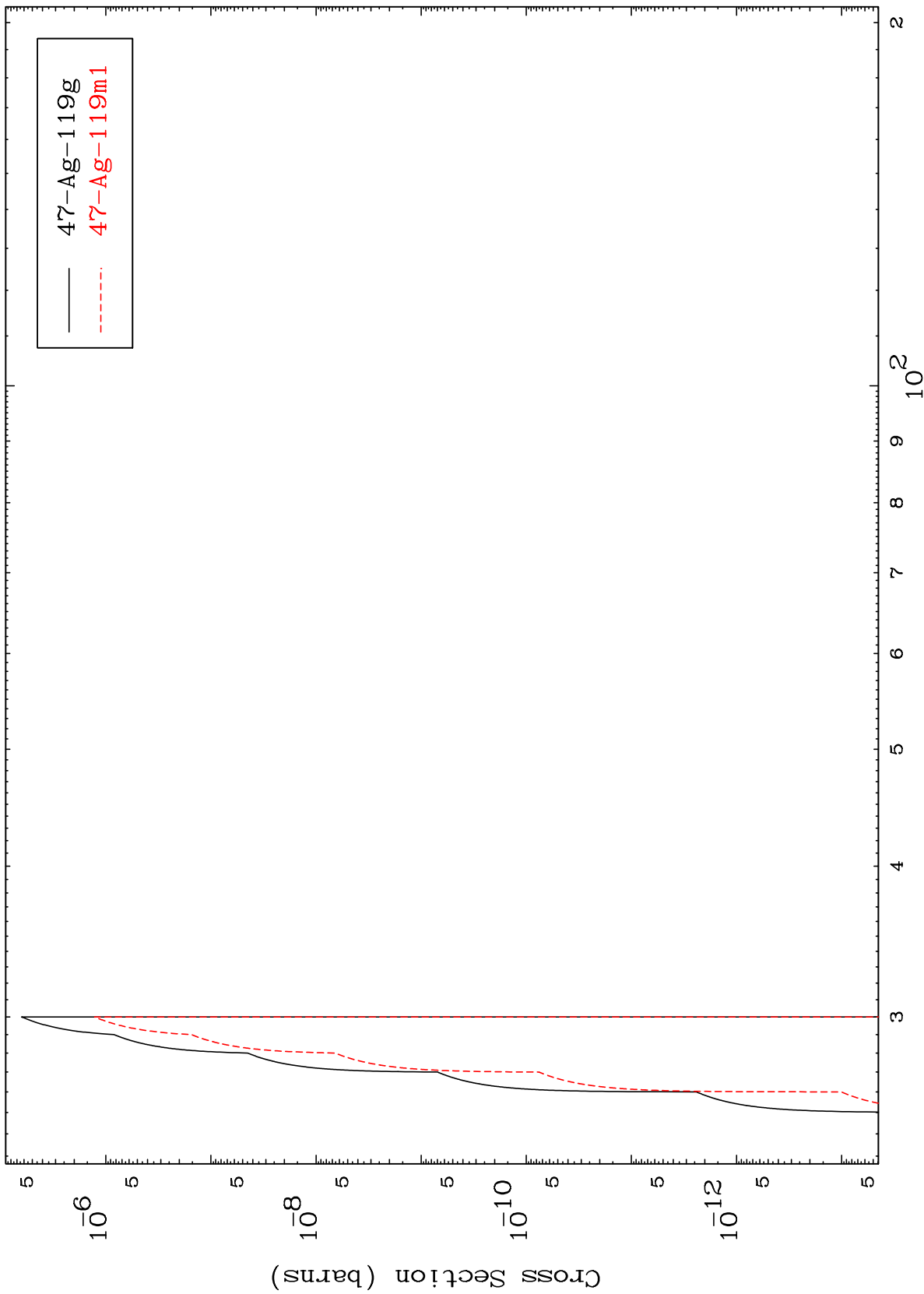


MAT 4873

(n,2n) d

48-Cd-122

Radionuclide Production Cross Section



107

Incident Energy (MeV)

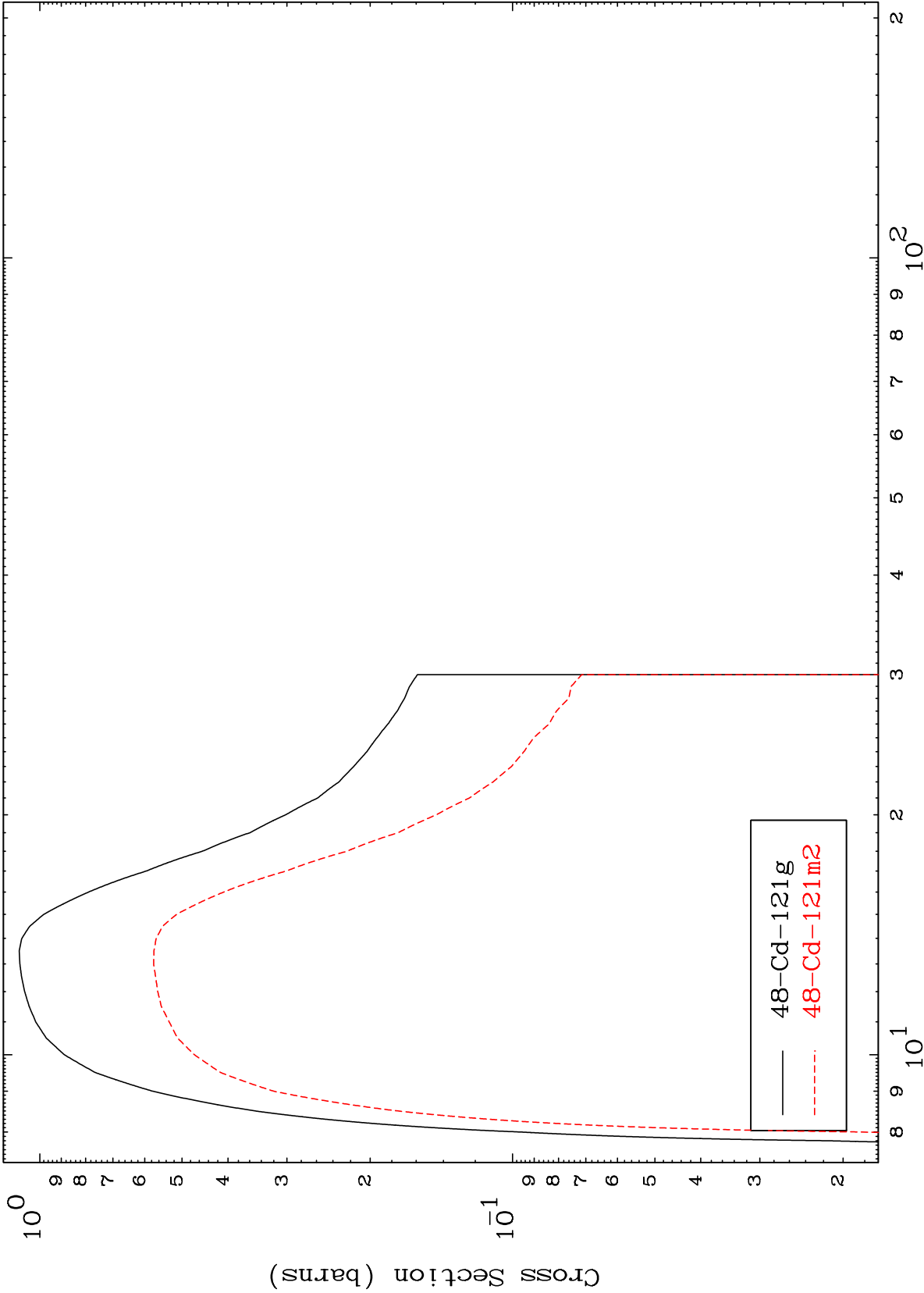
48-Cd-122

MAT 4873

(n,2n)

48-Cd-122

Radionuclide Production Cross Section



108

Incident Energy (MeV)

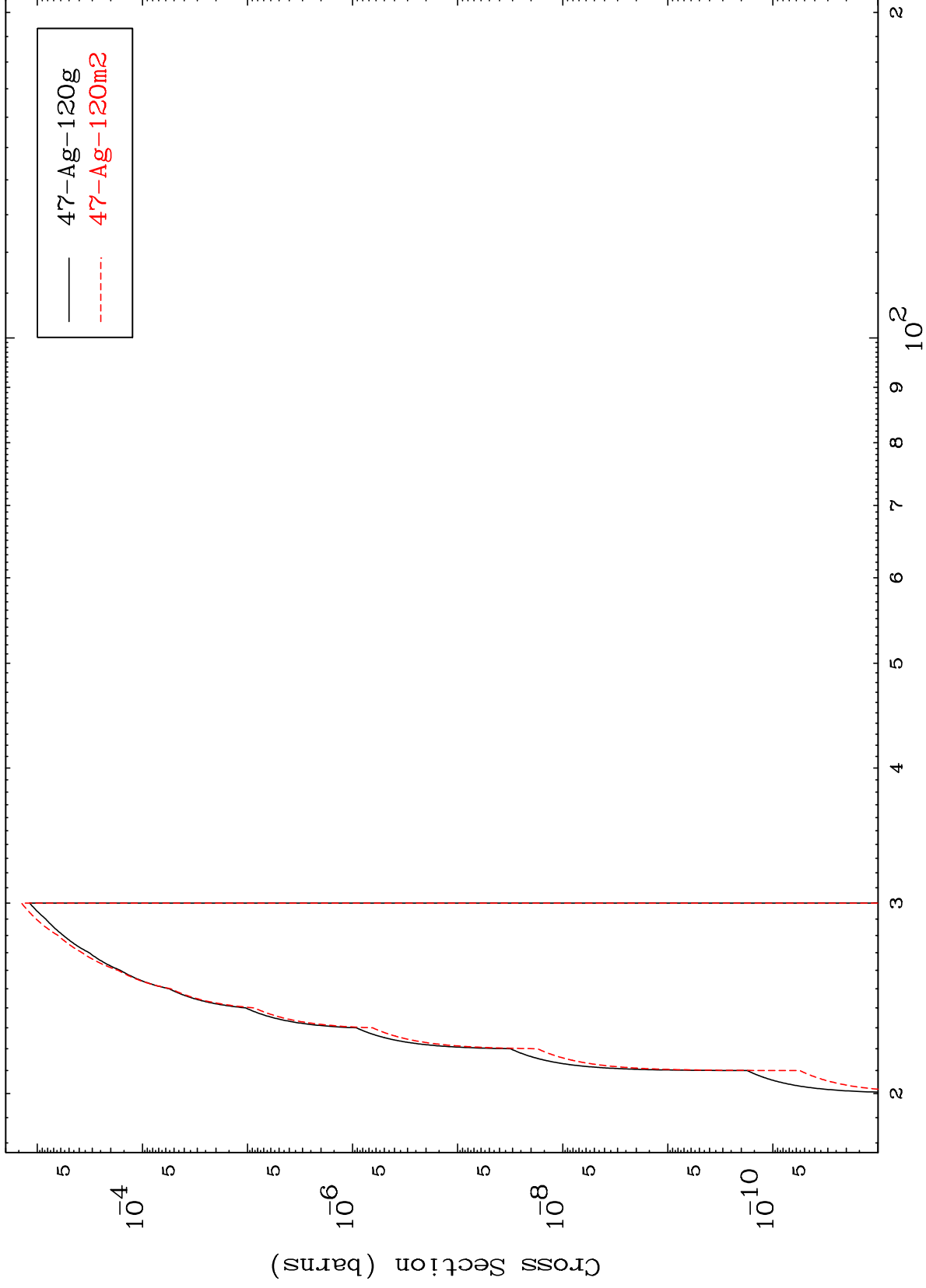
48-Cd-122

MAT 4873

(n,n') d

48-Cd-122

Radionuclide Production Cross Section



109

Incident Energy (MeV)

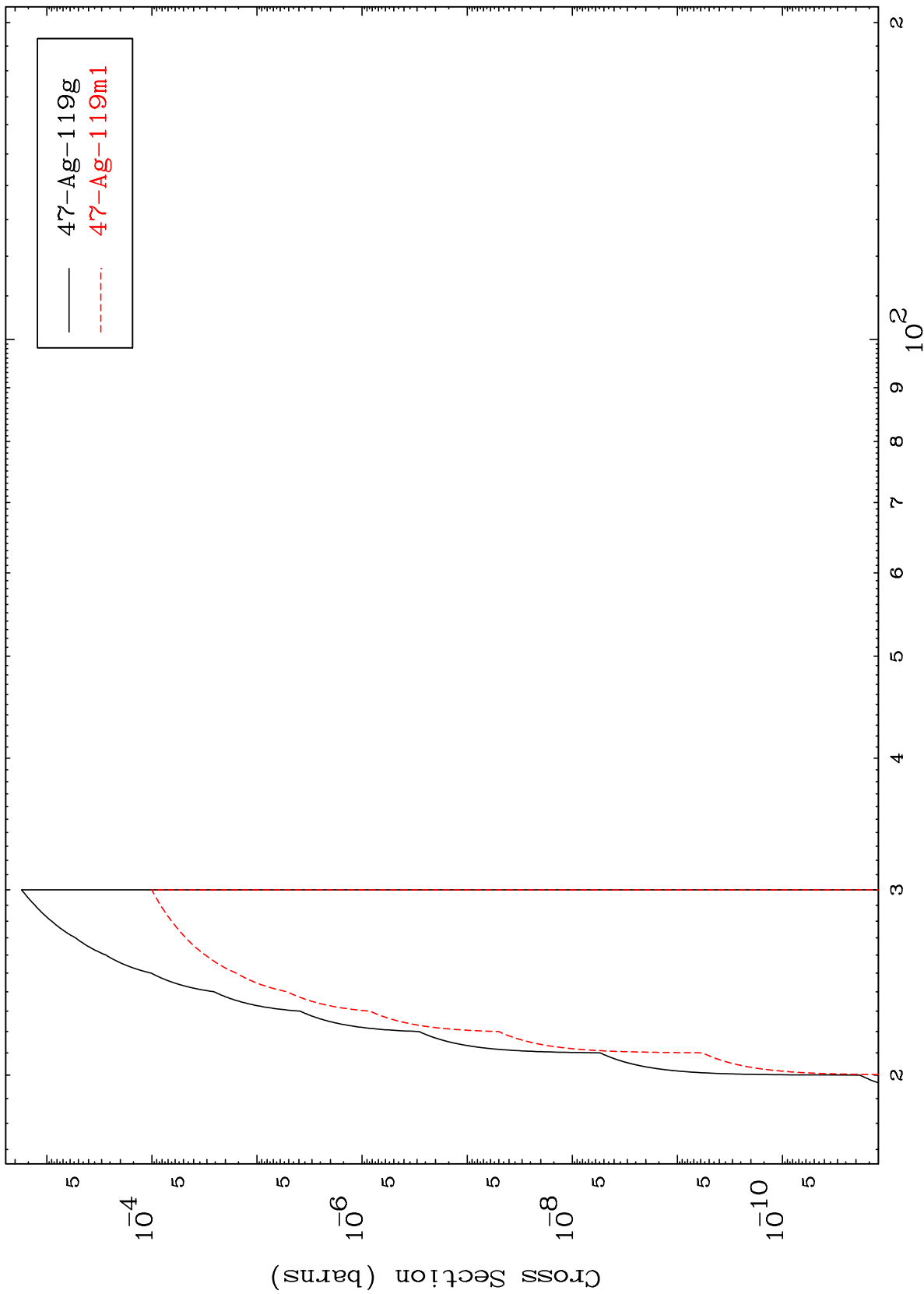
48-Cd-122

MAT 4873

(n,n') t

48-Cd-122

Radionuclide Production Cross Section



110

Incident Energy (MeV)

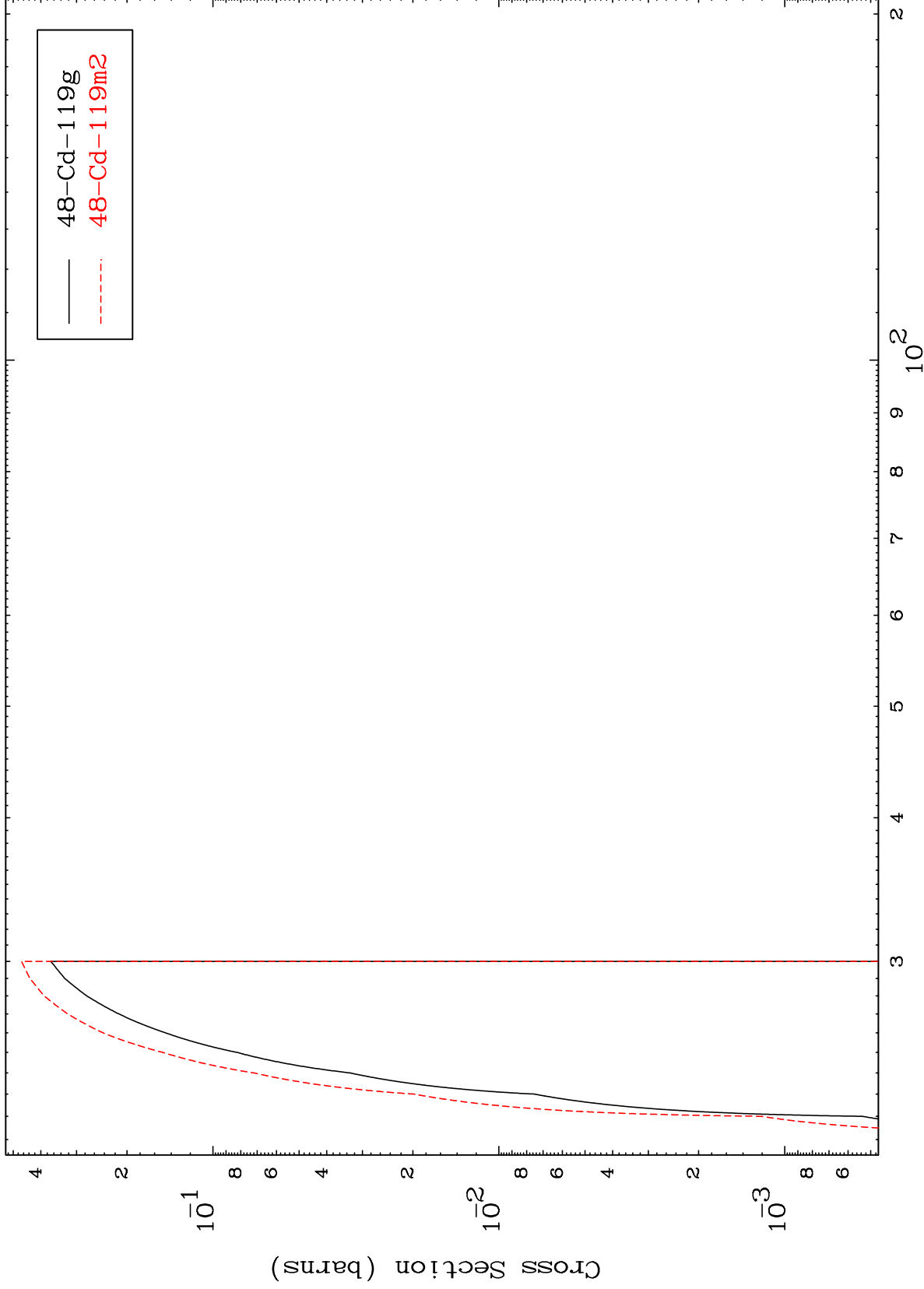
48-Cd-122

MAT 4873

(n,4n)

48-Cd-122

Radionuclide Production Cross Section



111

Incident Energy (MeV)

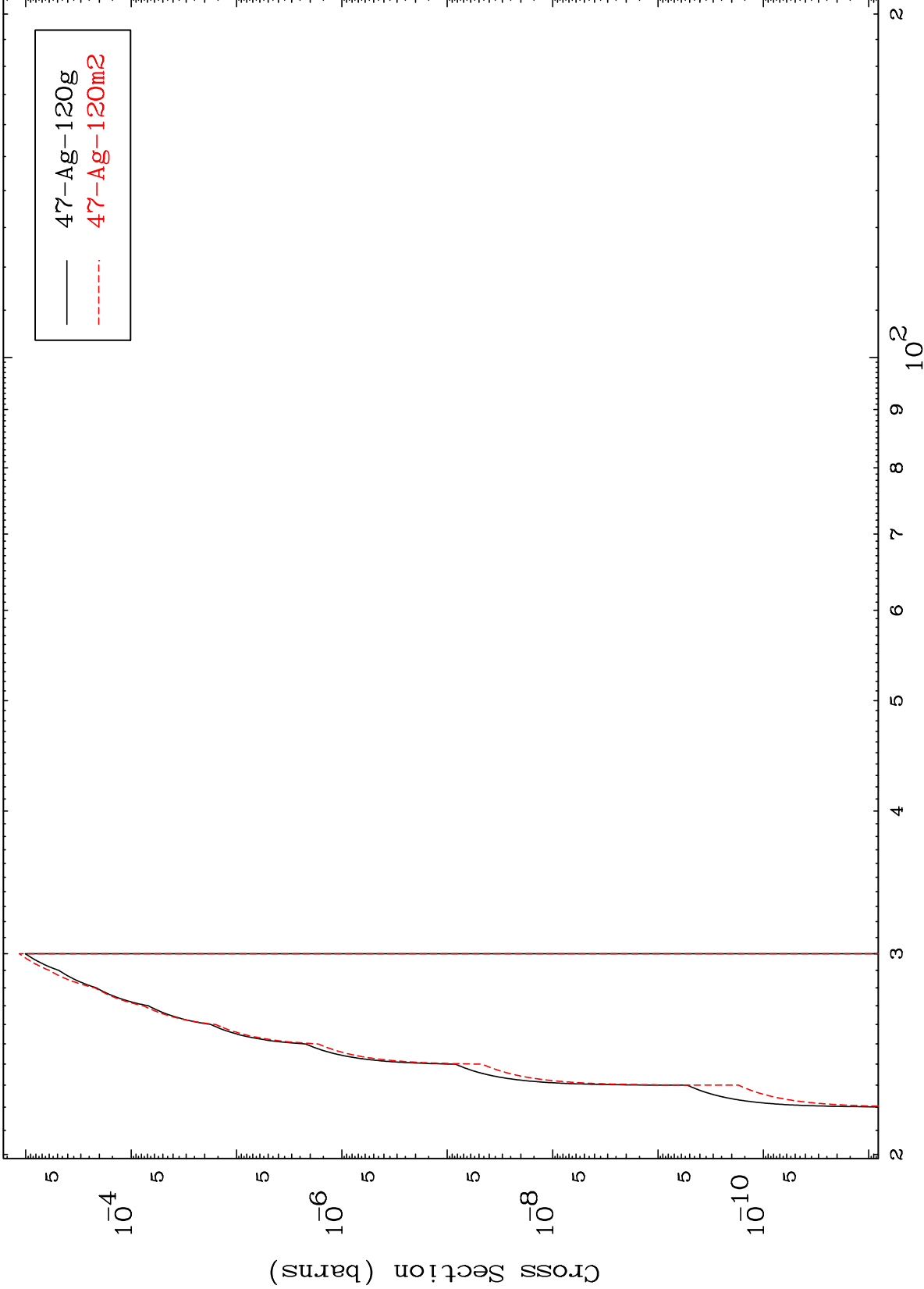
48-Cd-122

MAT 4873

(n,2n) p

48-Cd-122

Radionuclide Production Cross Section



47-Ag-120g
47-Ag-120m2

112

Incident Energy (MeV)

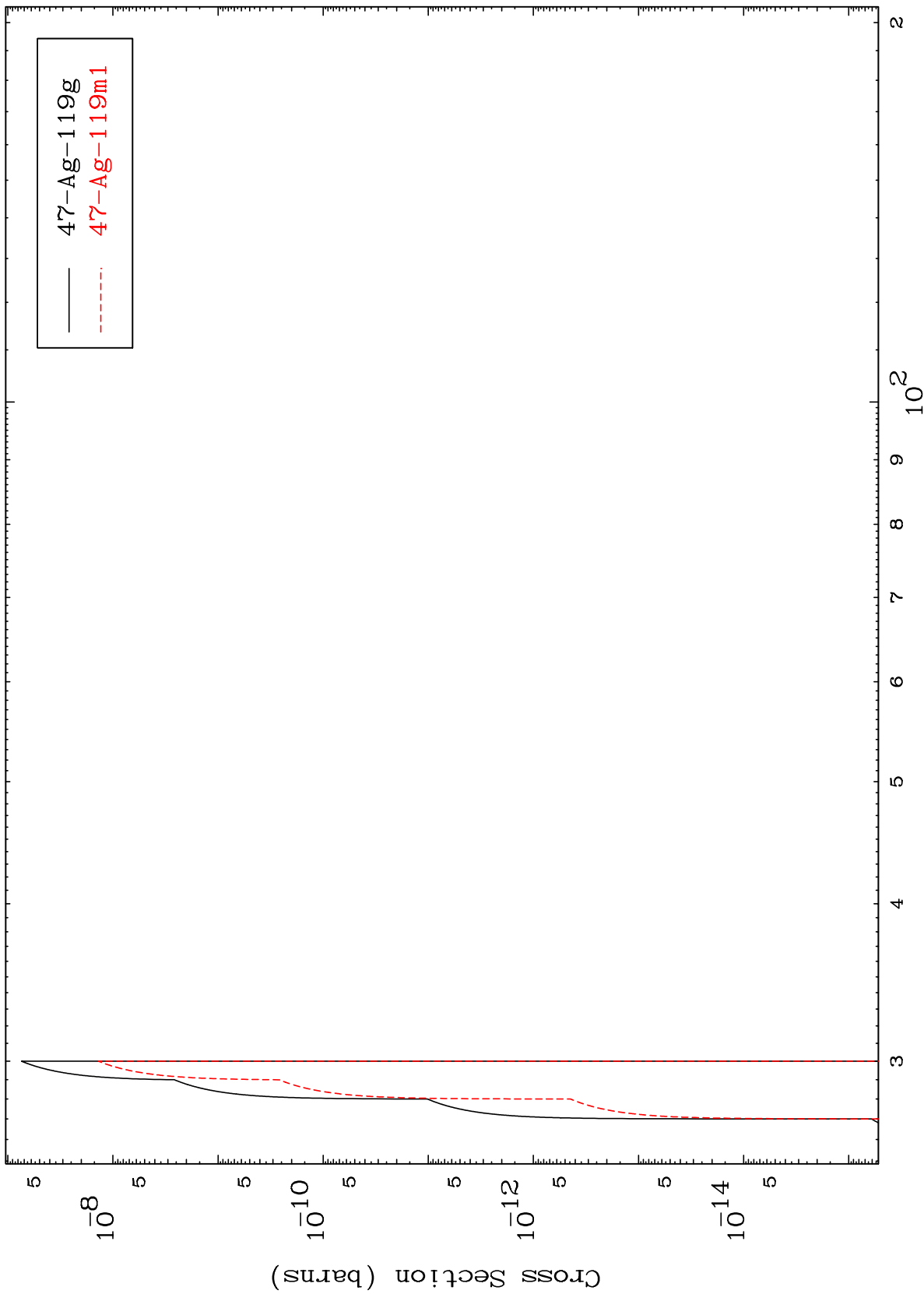
48-Cd-122

MAT 4873

(n,3n) p

48-Cd-122

Radionuclide Production Cross Section



113

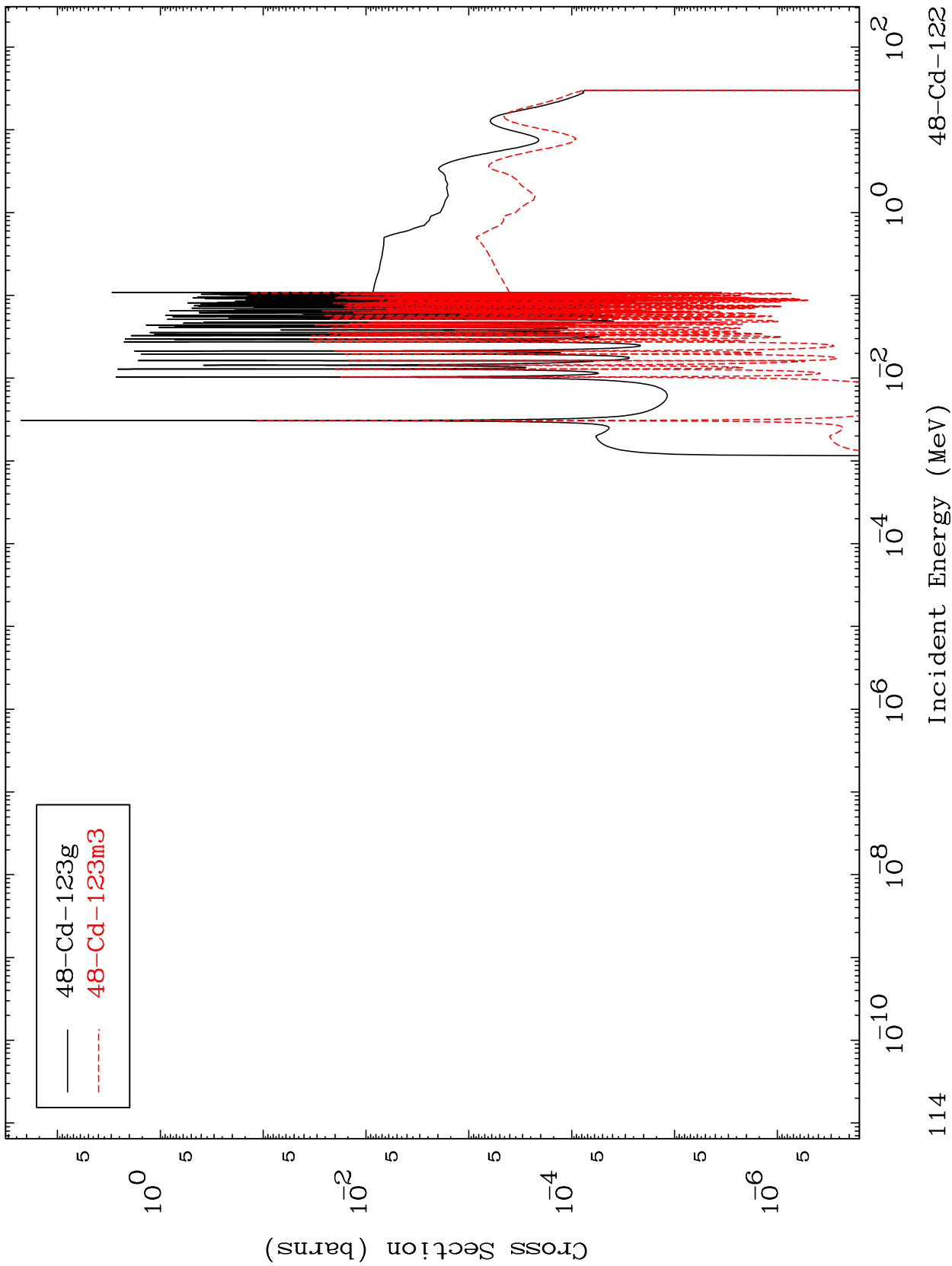
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

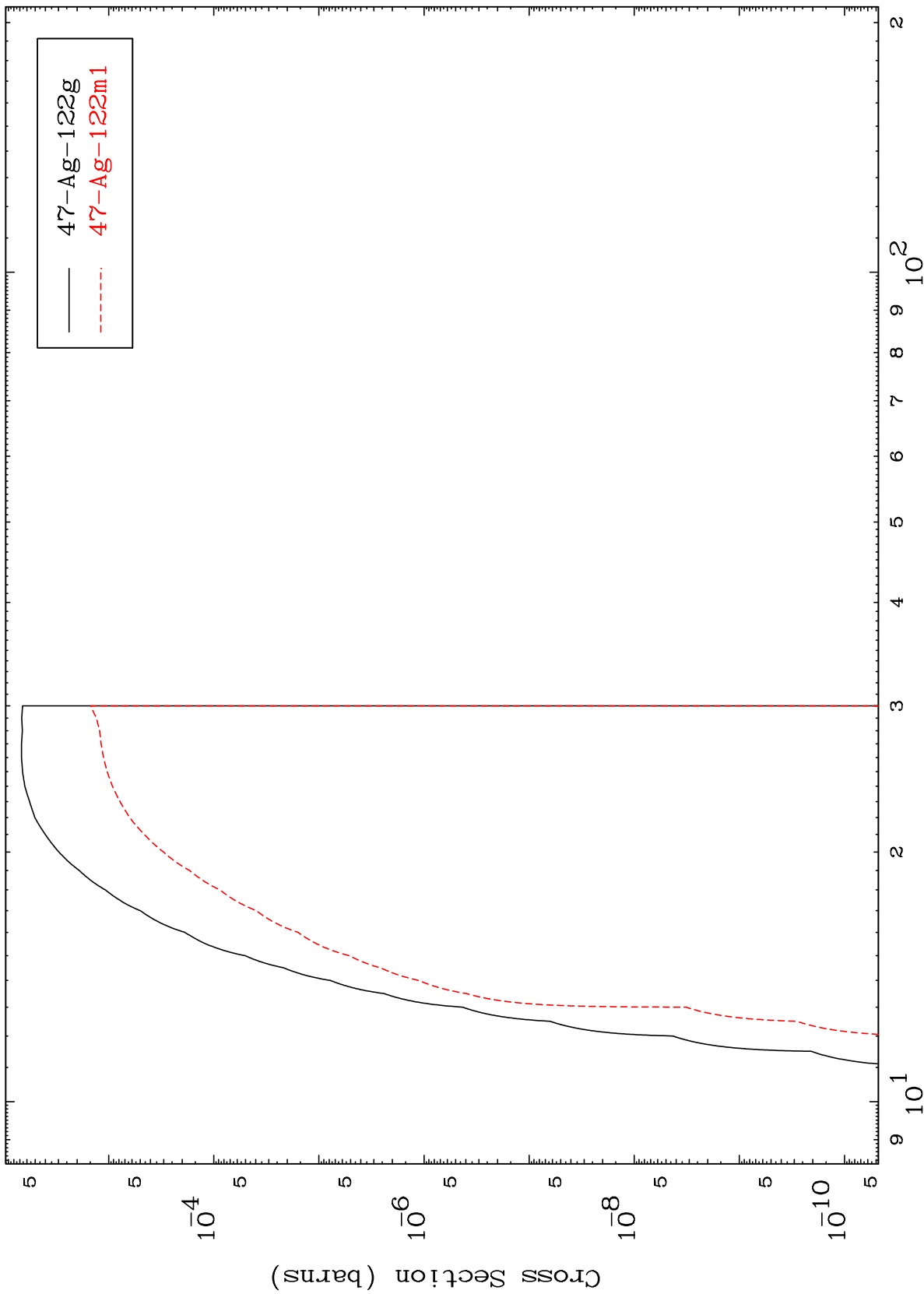
(n, γ)
Radionuclide Production Cross Section



MAT 4873

48-Cd-122

(n,p)
Radionuclide Production Cross Section



48-Cd-122

Incident Energy (MeV)

115

(n,t)
Radionuclide Production Cross Section

