

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

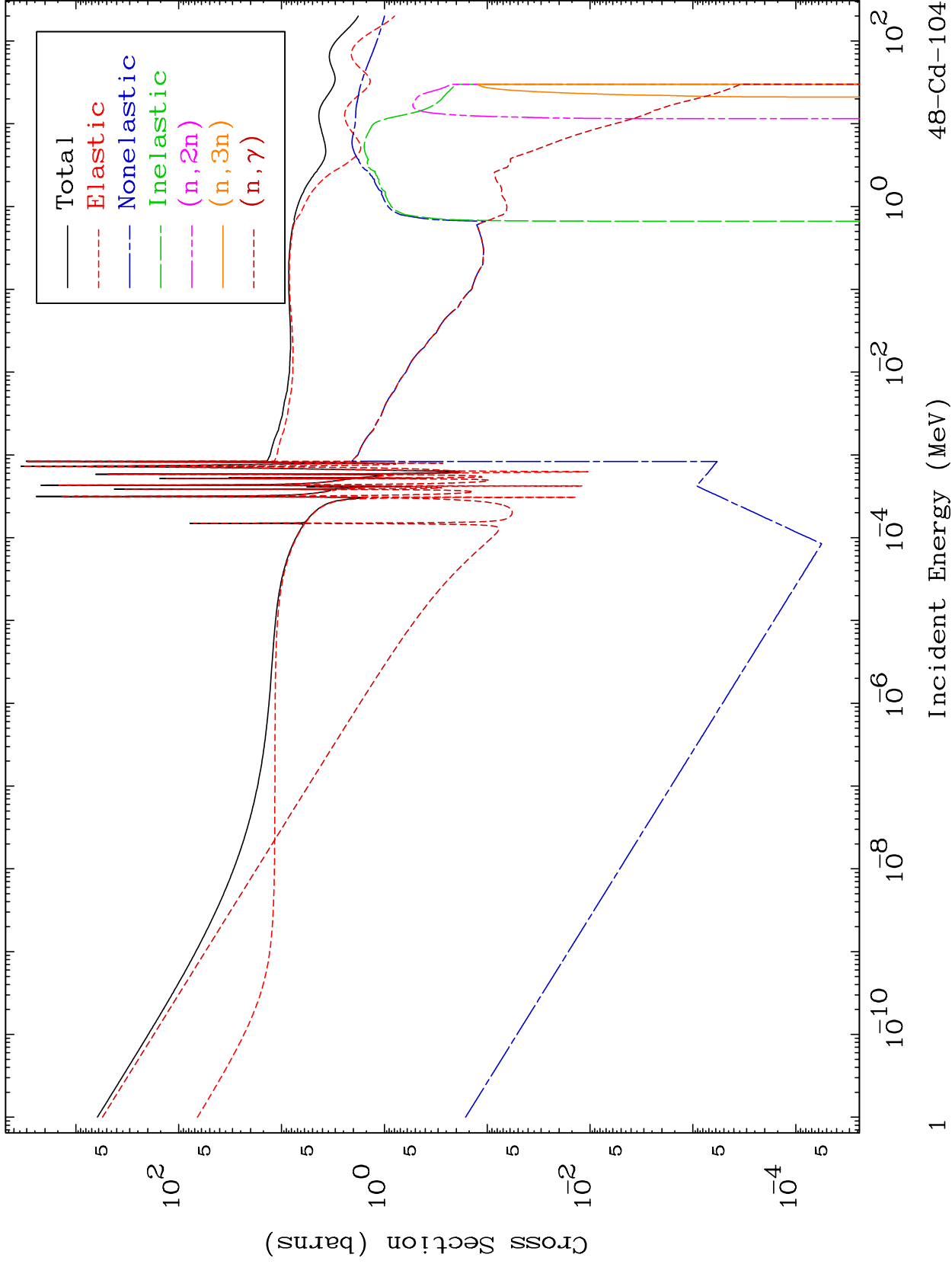
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4819

Neutron Major
293 Kelvin Cross Sections

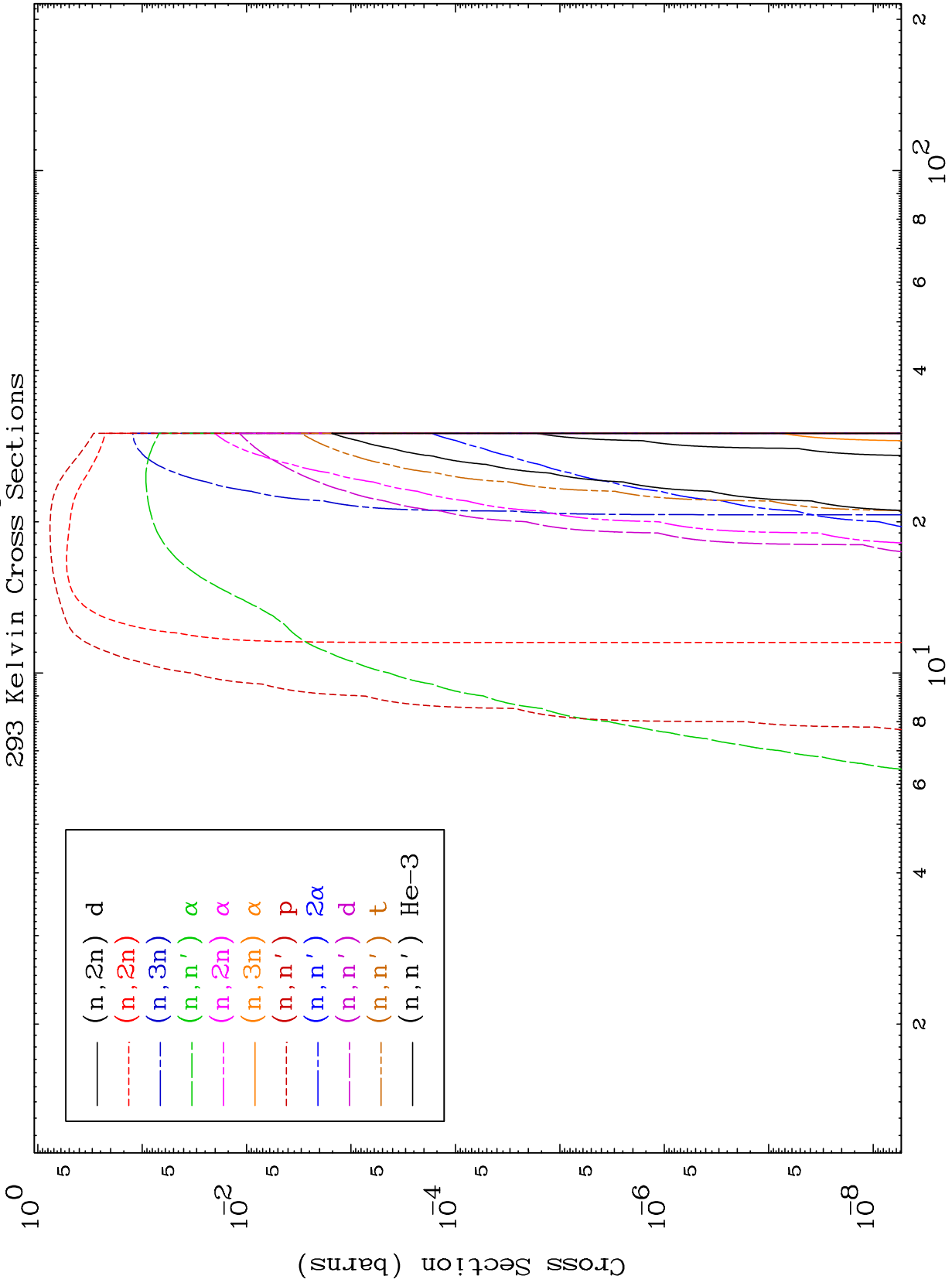
48-Cd-104



MAT 4819

Neutron Absorption
293 Kelvin Cross Sections

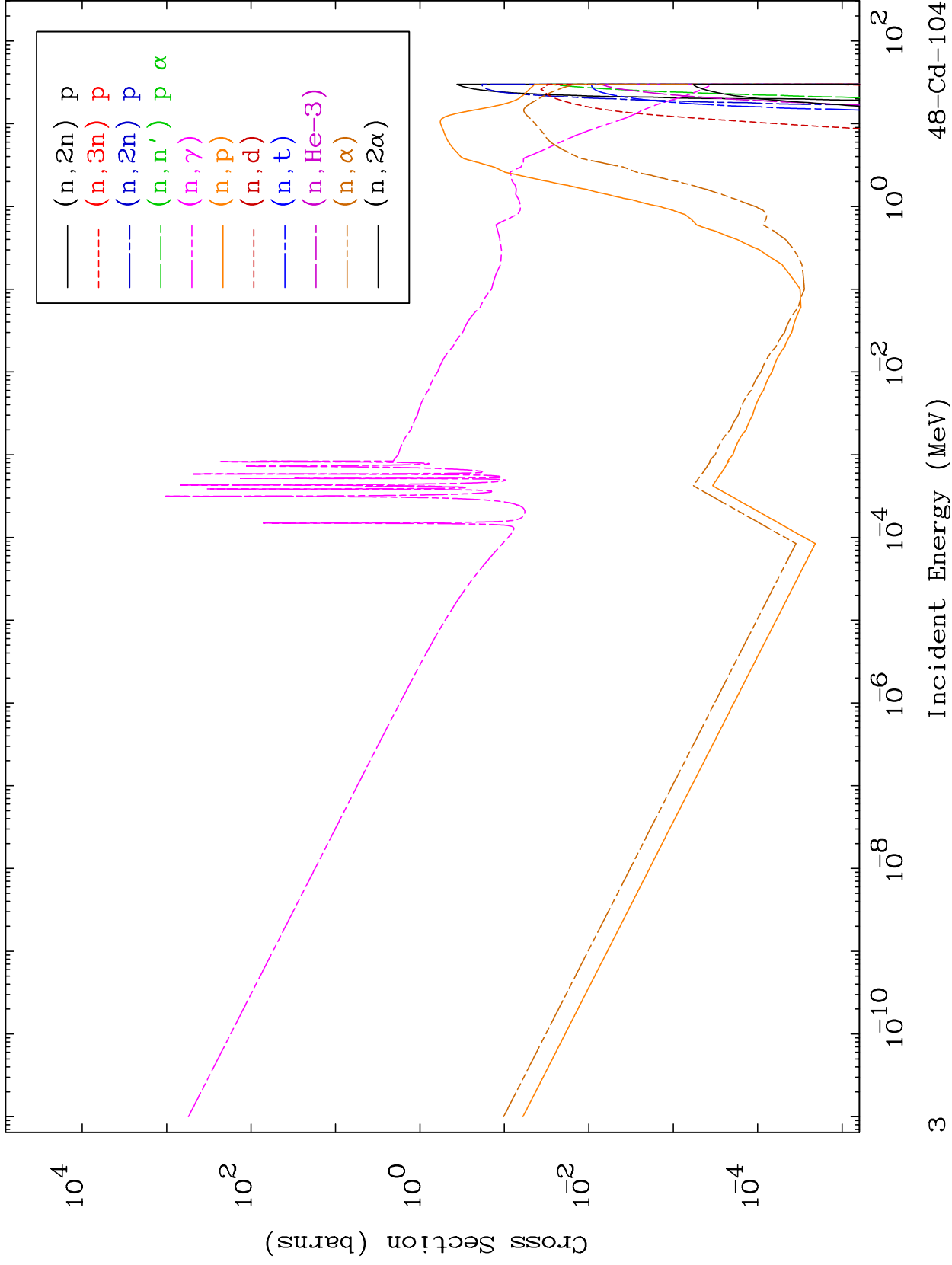
48-Cd-104



MAT 4819

Neutron Absorption
293 Kelvin Cross Sections

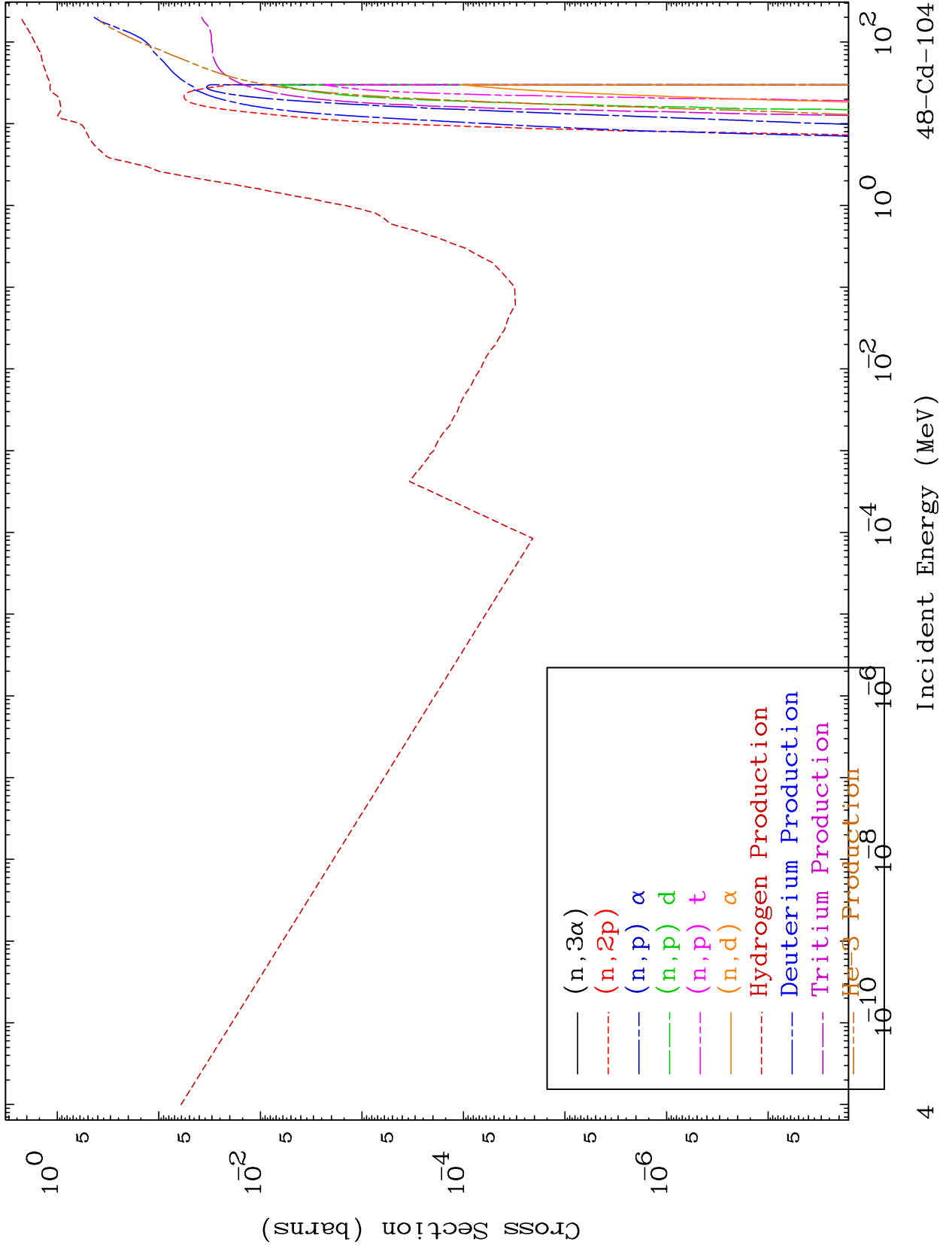
48-Cd-104



MAT 4819

Neutron Absorption
293 Kelvin Cross Sections

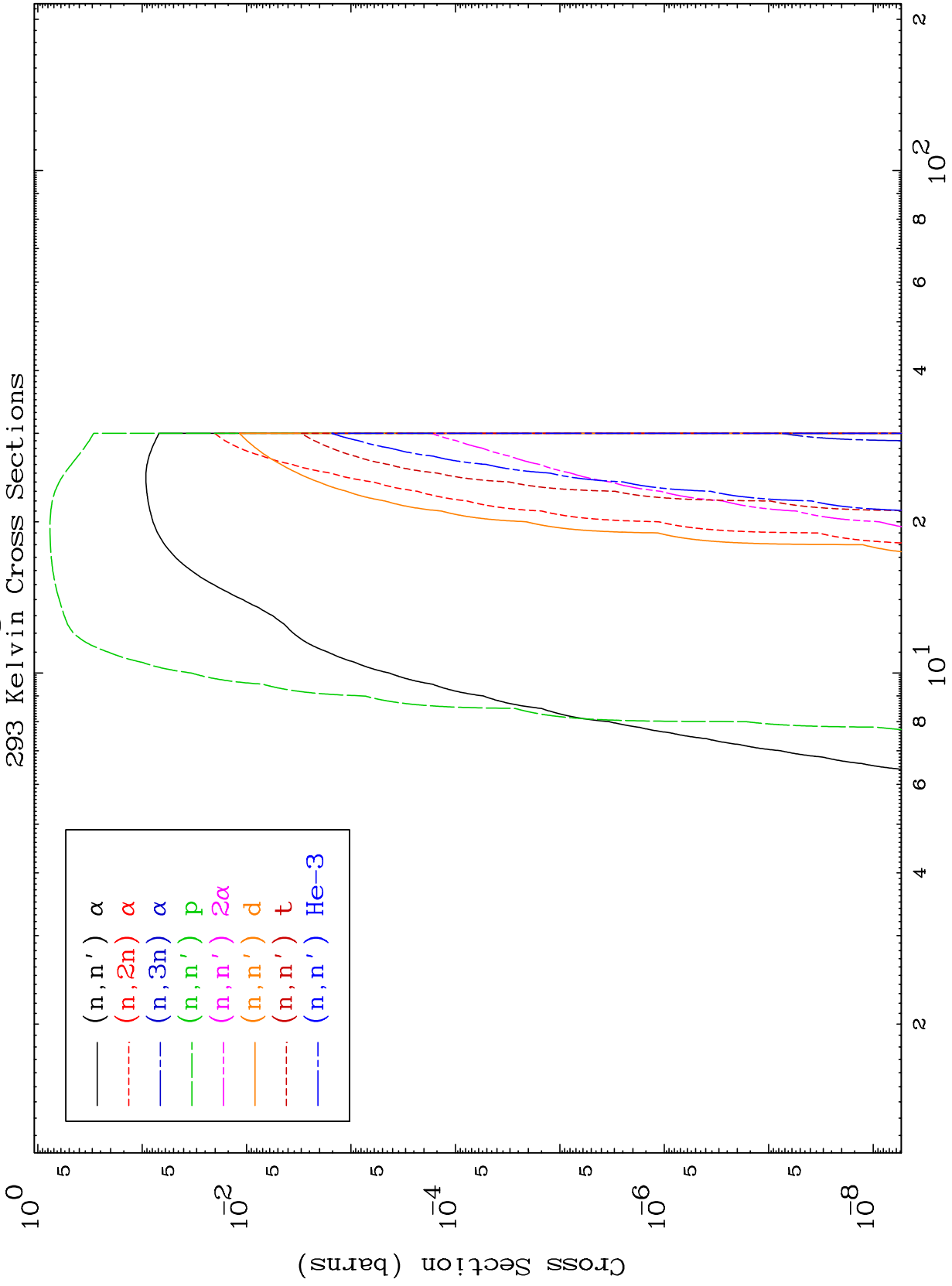
48-Cd-104



MAT 4819

Charged Particle
293 Kelvin Cross Sections

48-Cd-104



5

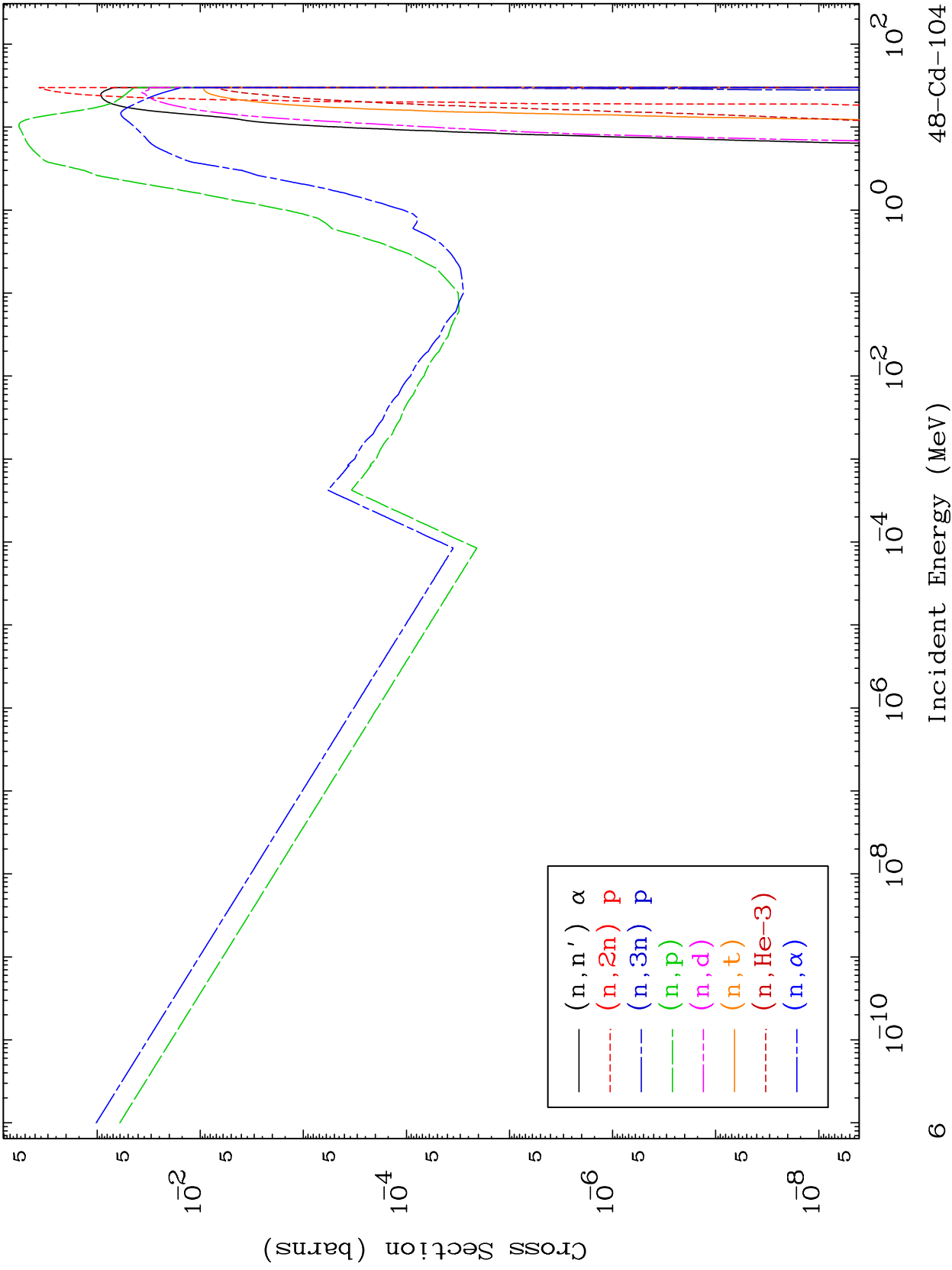
Incident Energy (MeV)

48-Cd-104

MAT 4819

Charged Particle
293 Kelvin Cross Sections

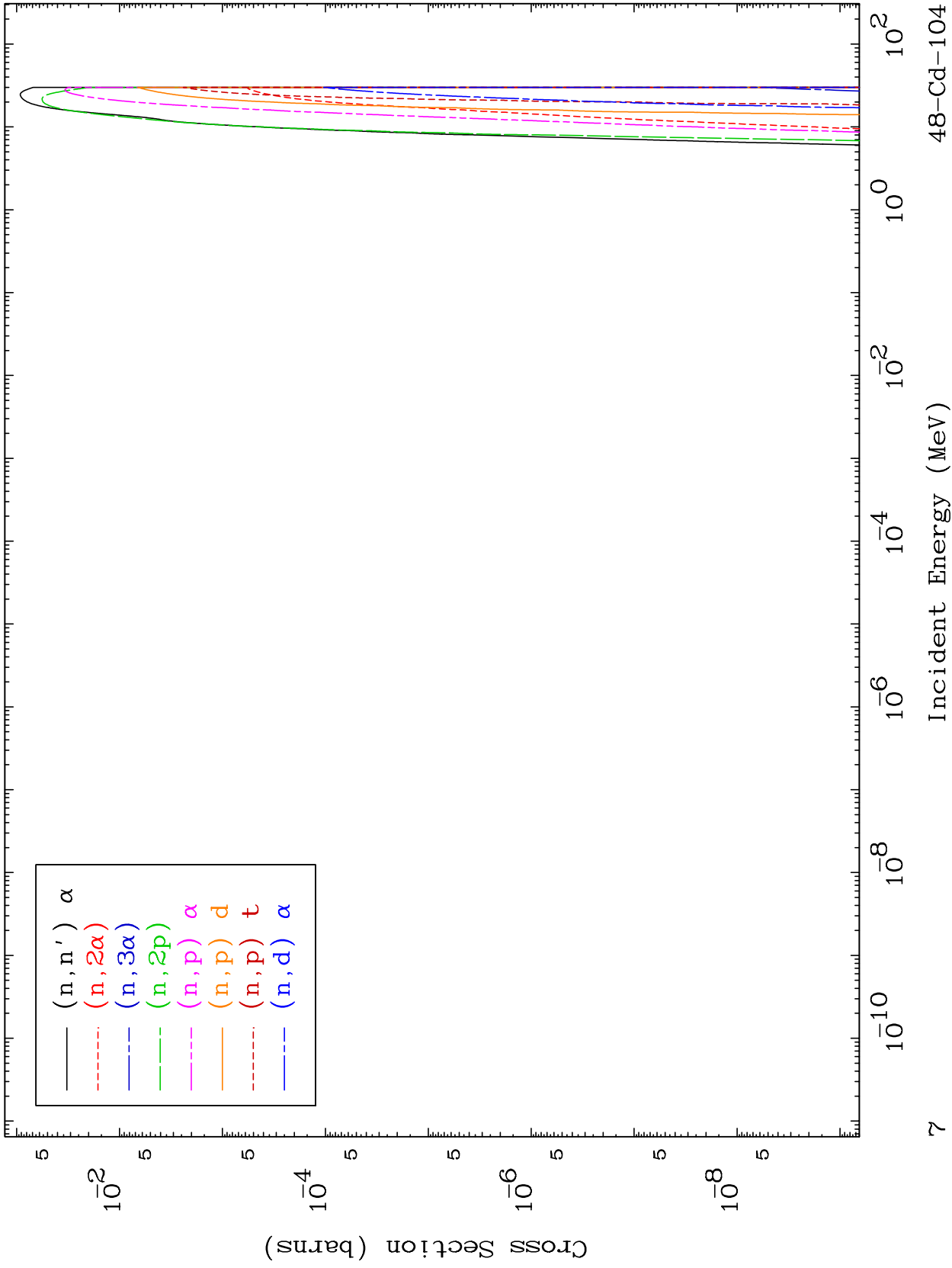
48-Cd-104



MAT 4819

Charged Particle
293 Kelvin Cross Sections

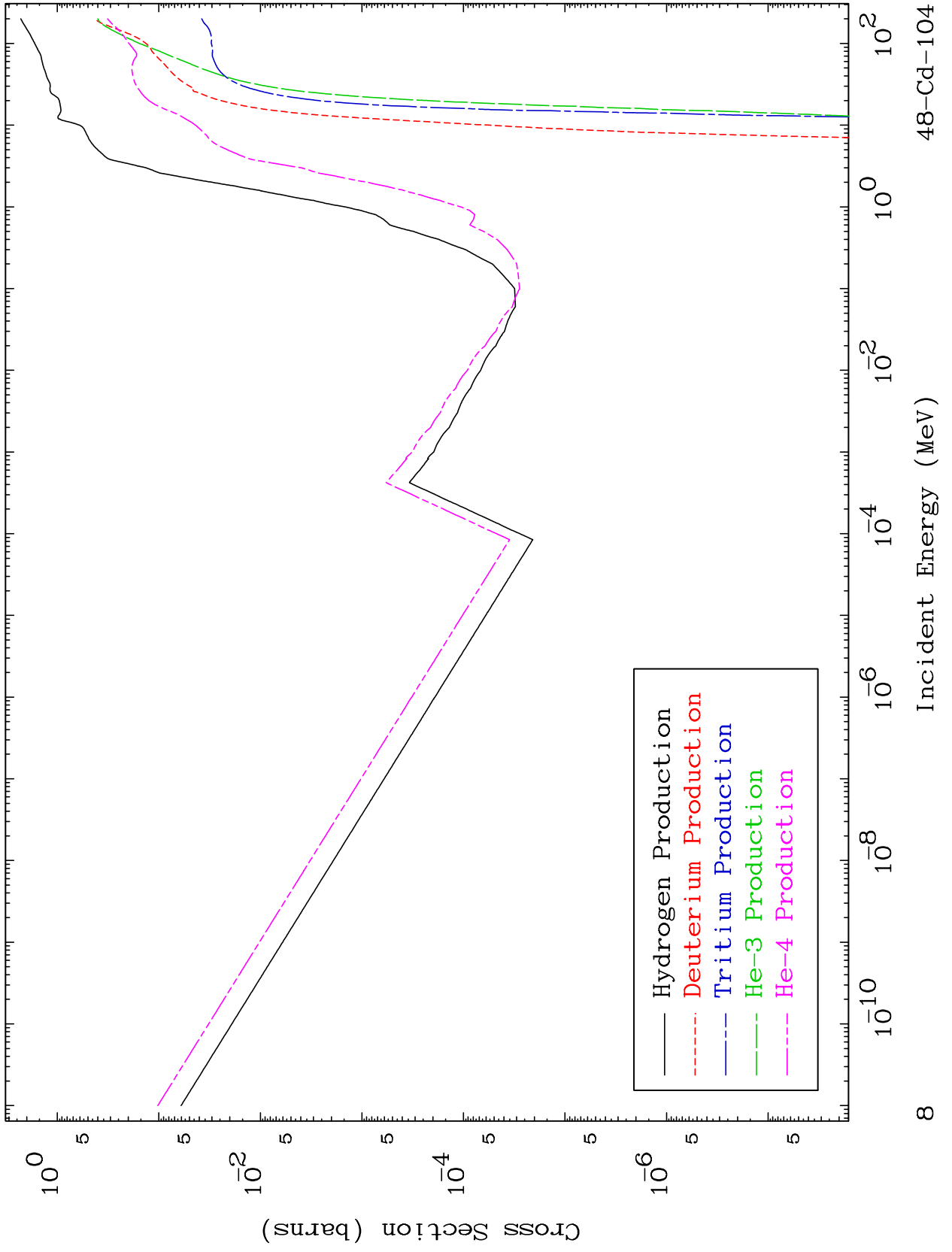
48-Cd-104



MAT 4819

Particle Production
293 Kelvin Cross Sections

48-Cd-104

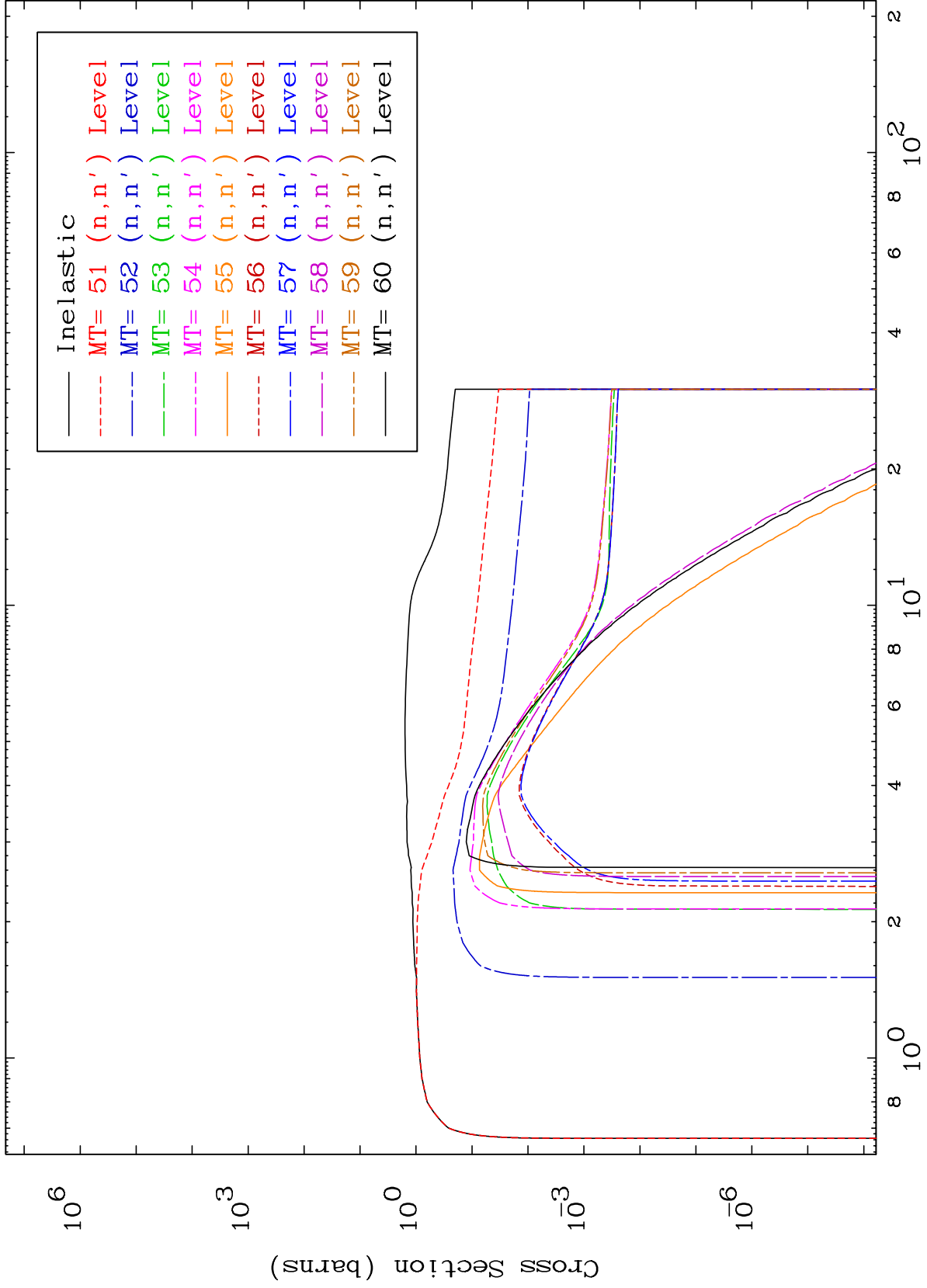


MAT 4819

(n,n') Levels

48-Cd-104

293 Kelvin Cross Sections

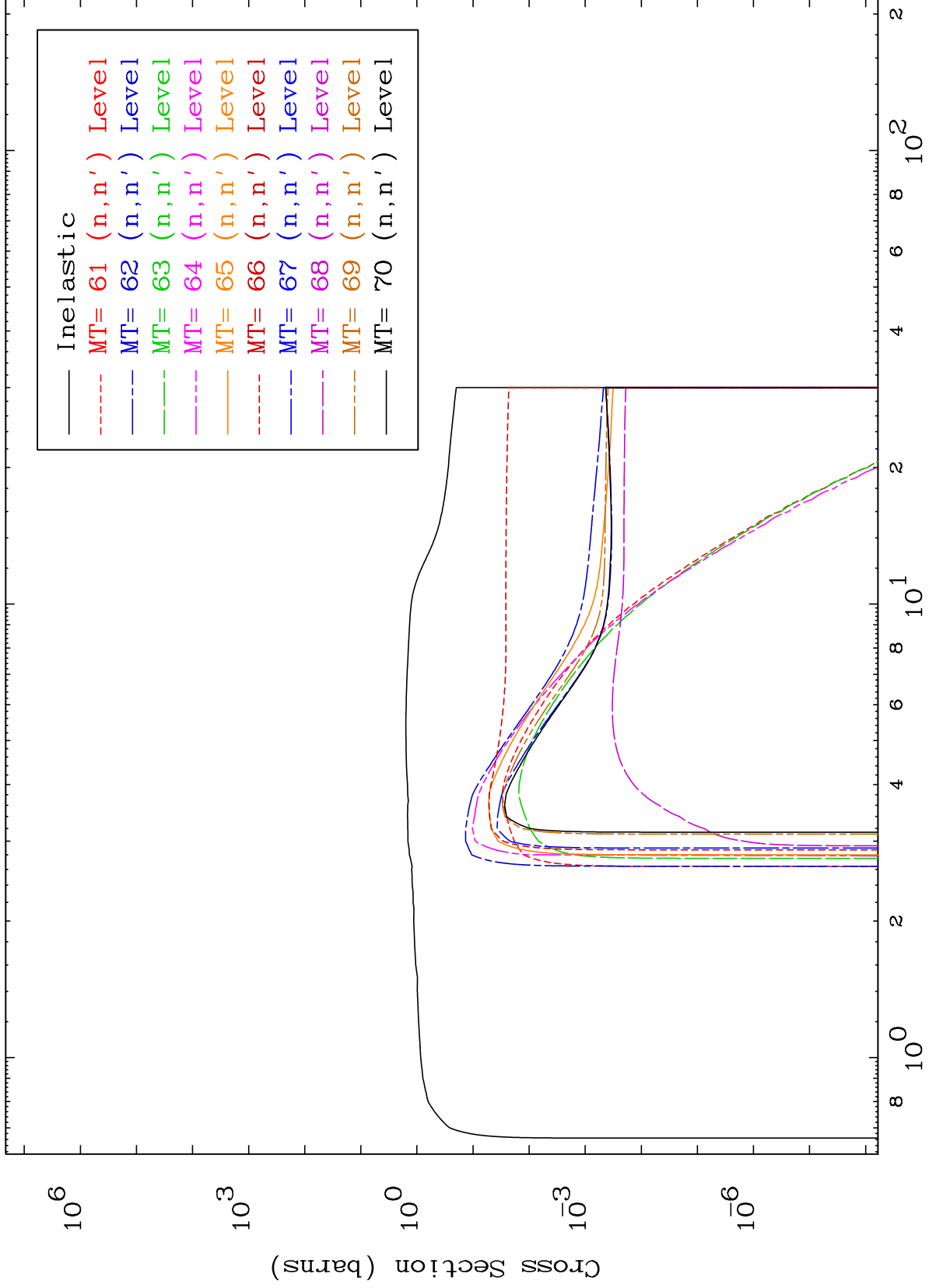


MAT 4819

(n,n') Levels

48-Cd-104

293 Kelvin Cross Sections



10

Incident Energy (MeV)

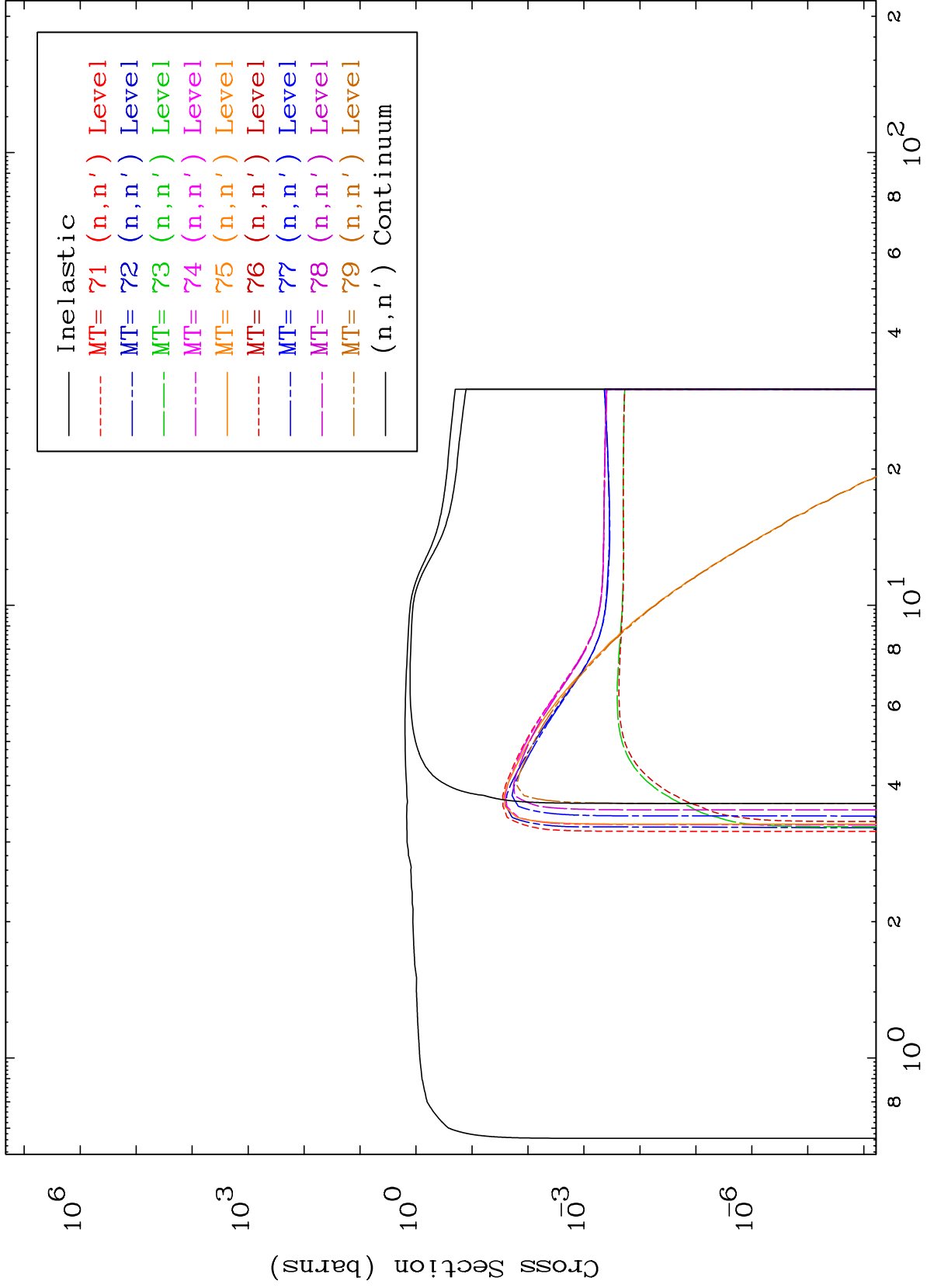
48-Cd-104

MAT 4819

(n,n') Levels

48-Cd-104

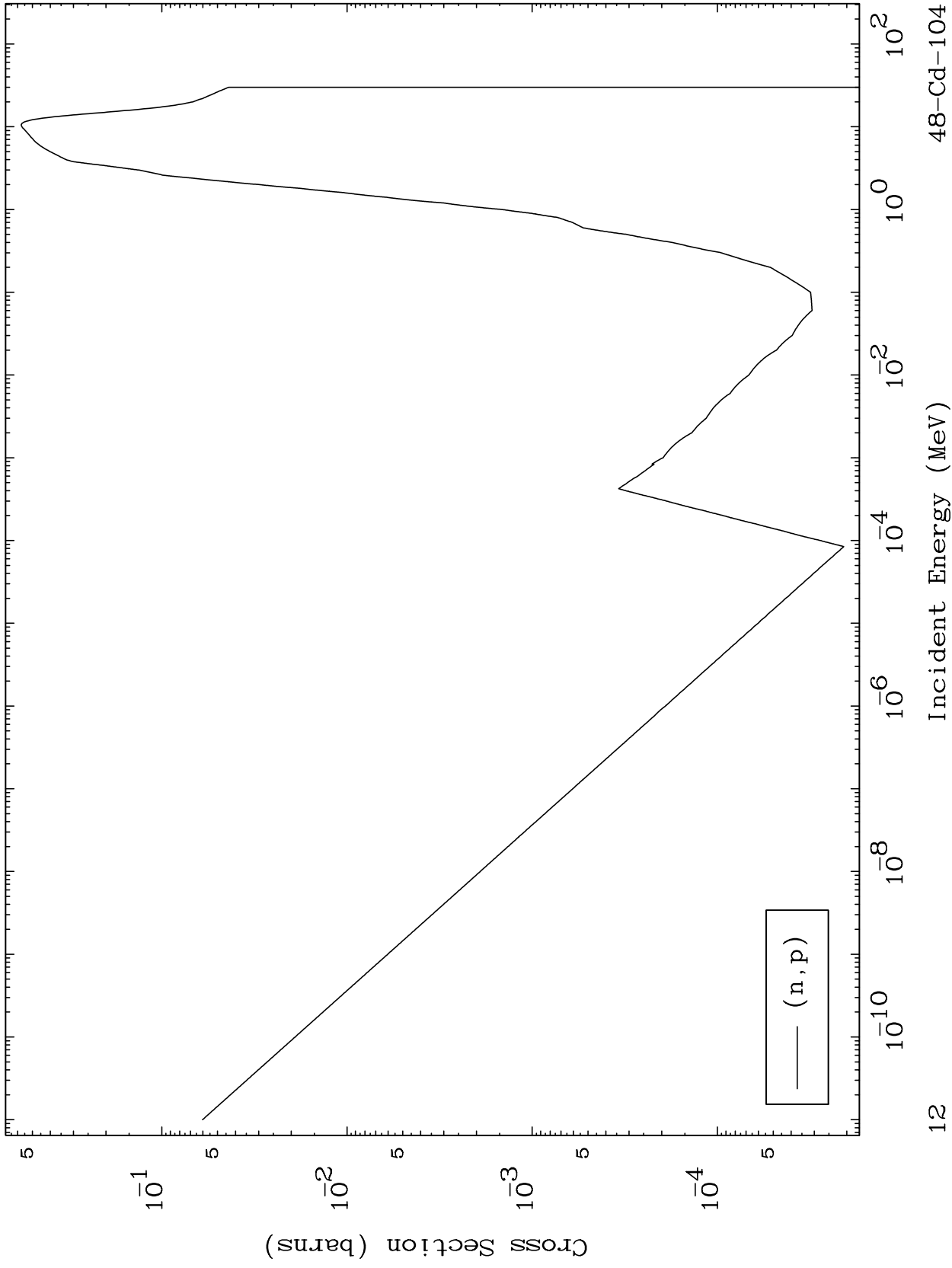
293 Kelvin Cross Sections



MAT 4819

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-104



12

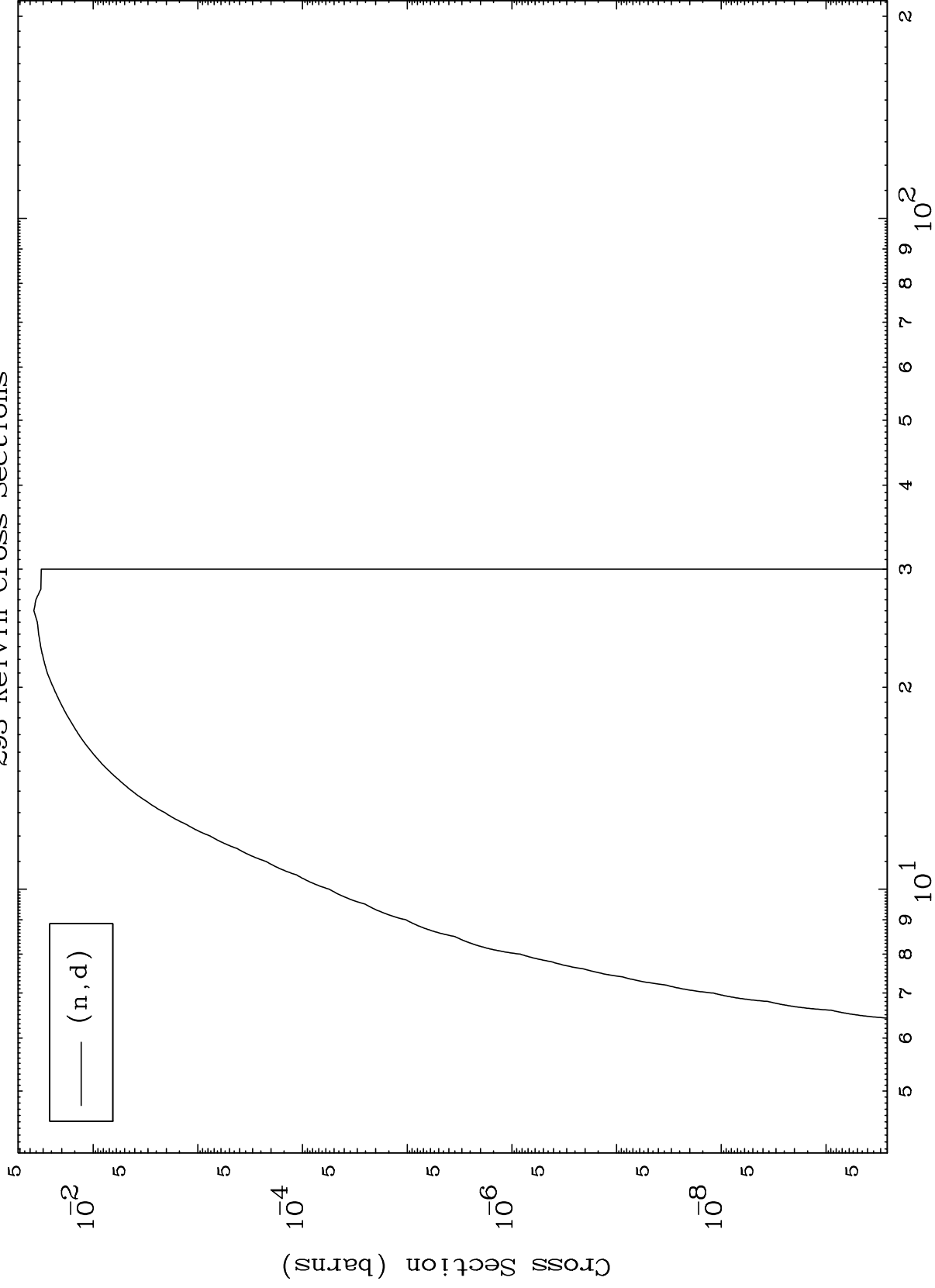
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-104



13

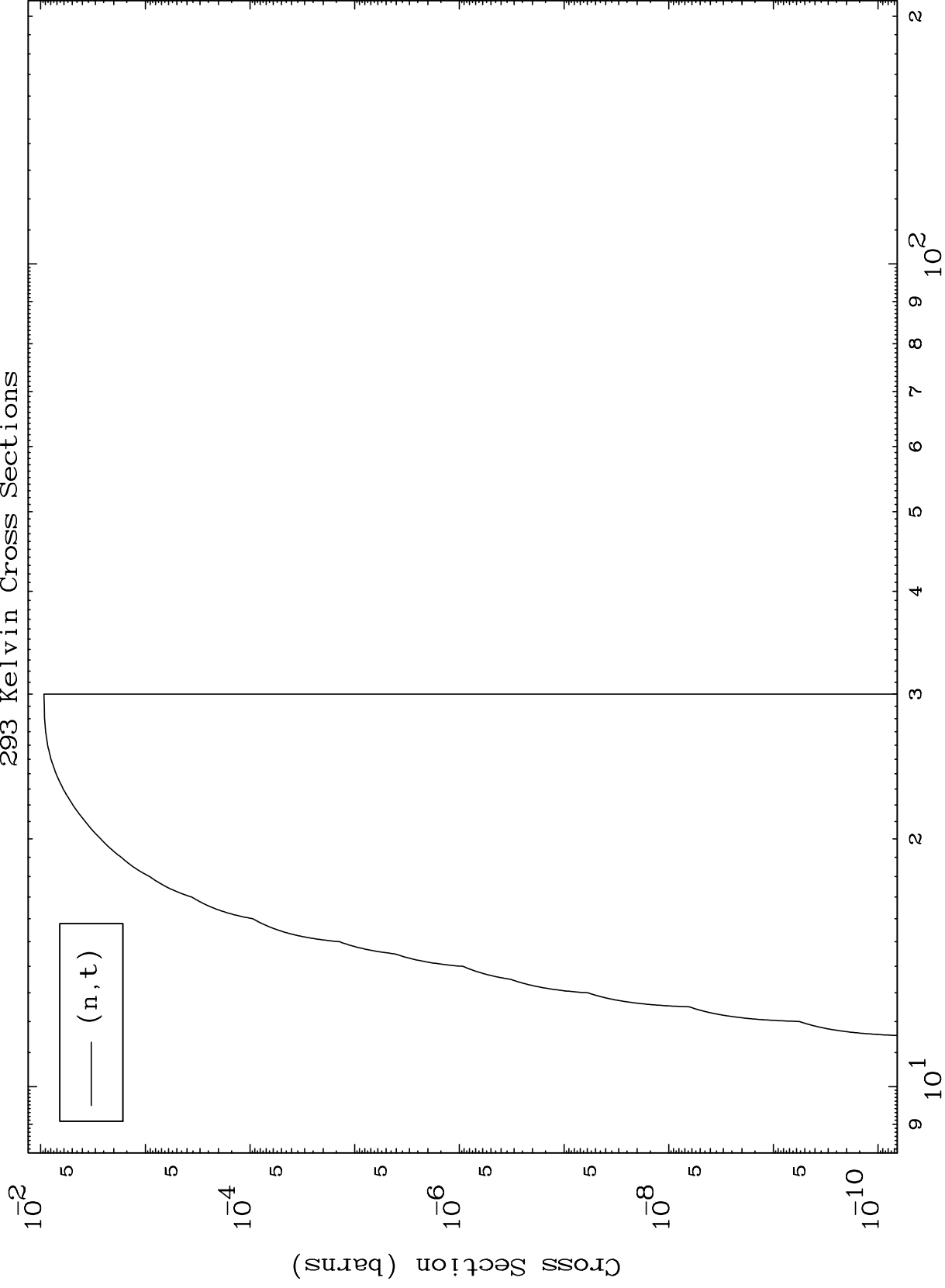
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-104



14

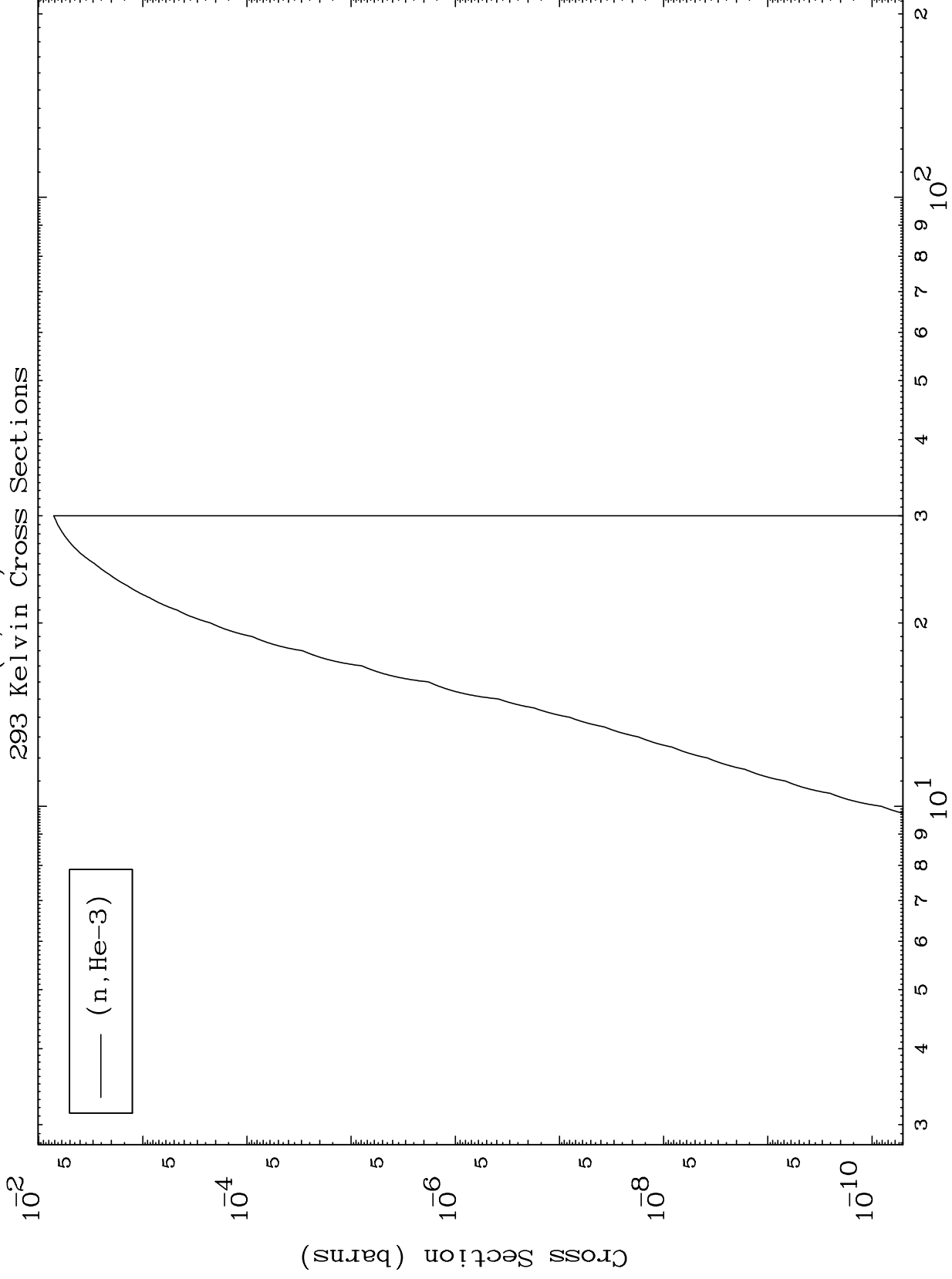
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-104



15

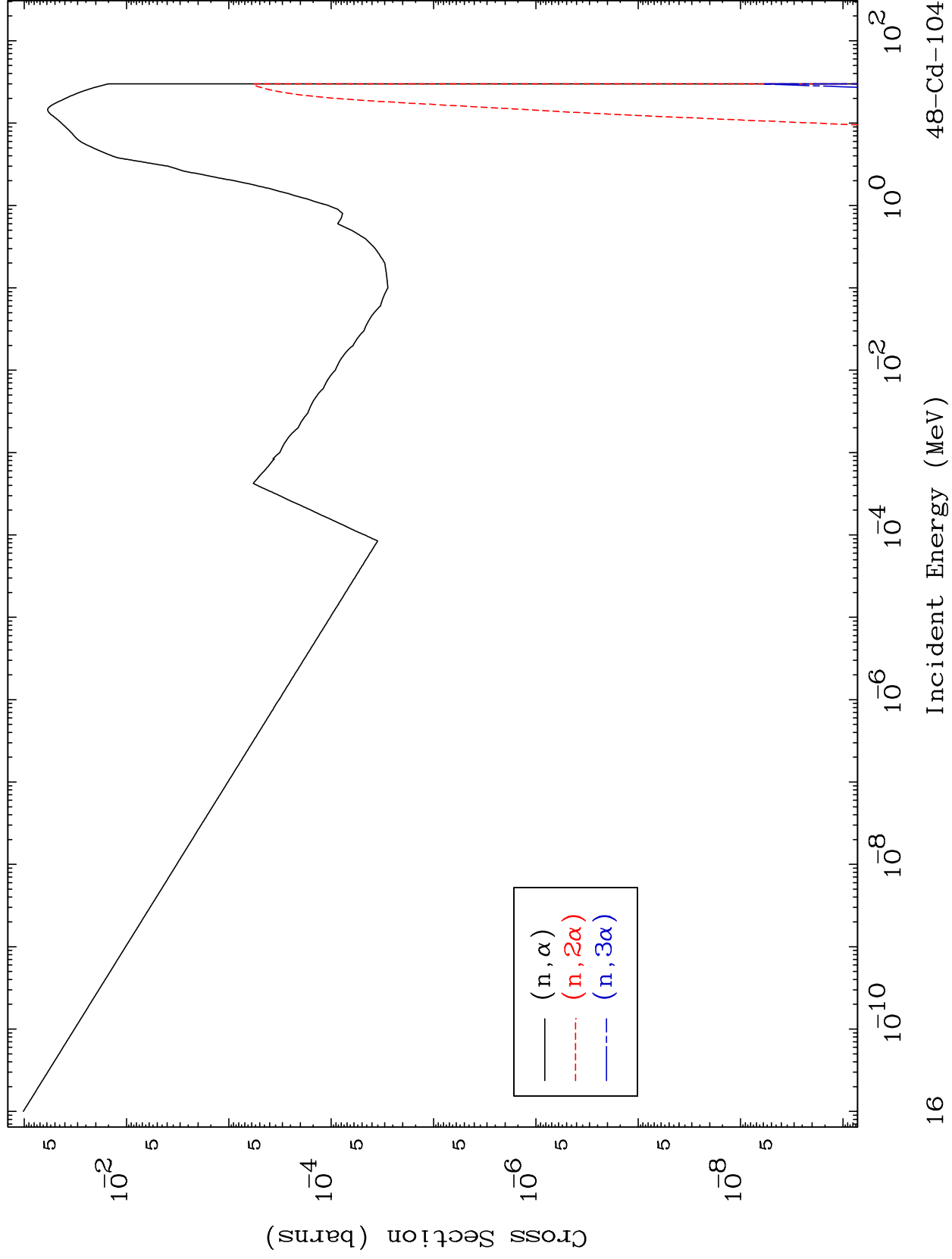
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,α) Levels
293 Kelvin Cross Sections

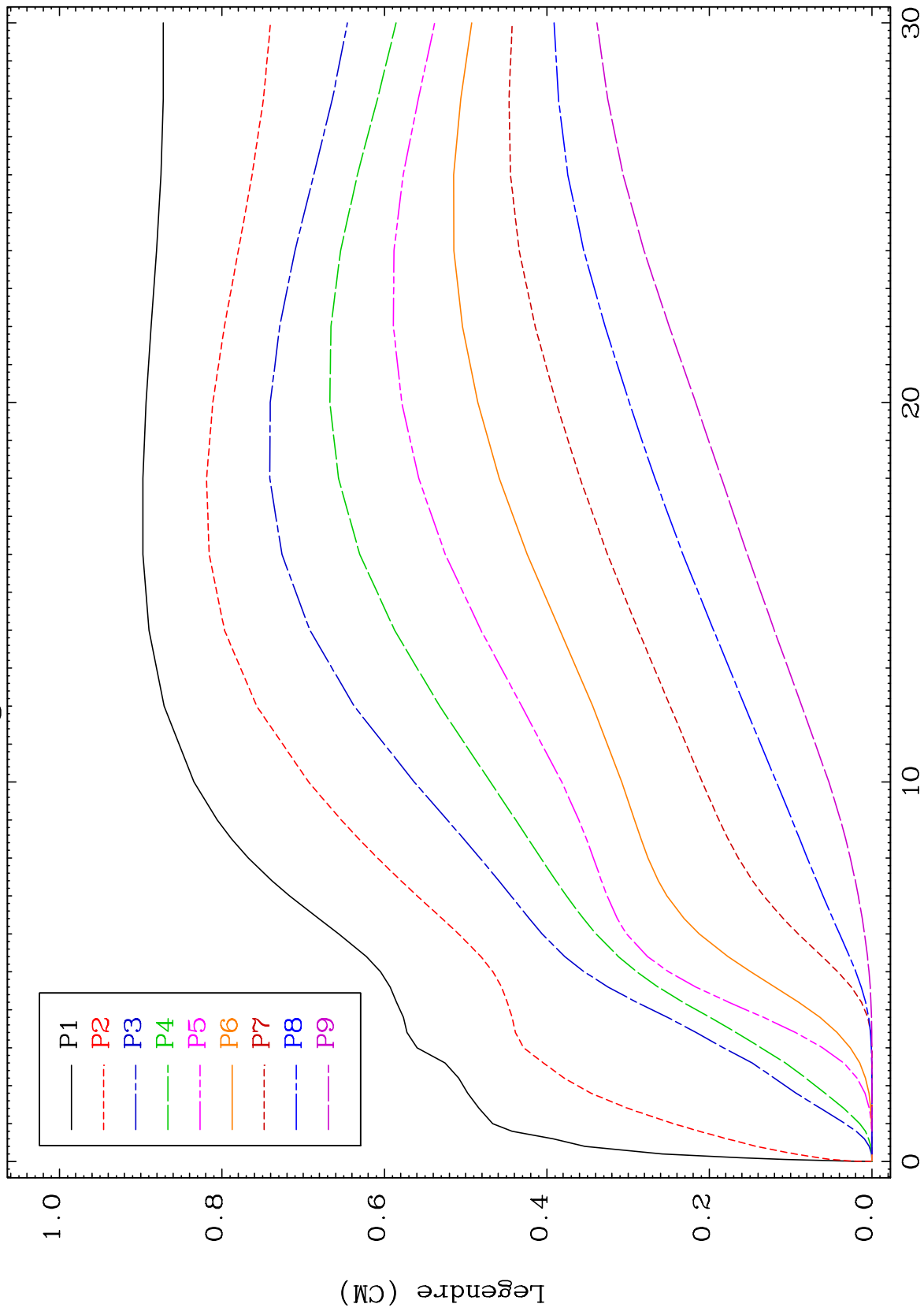
48-Cd-104



MAT 4819

Elastic Legendre Coefficients

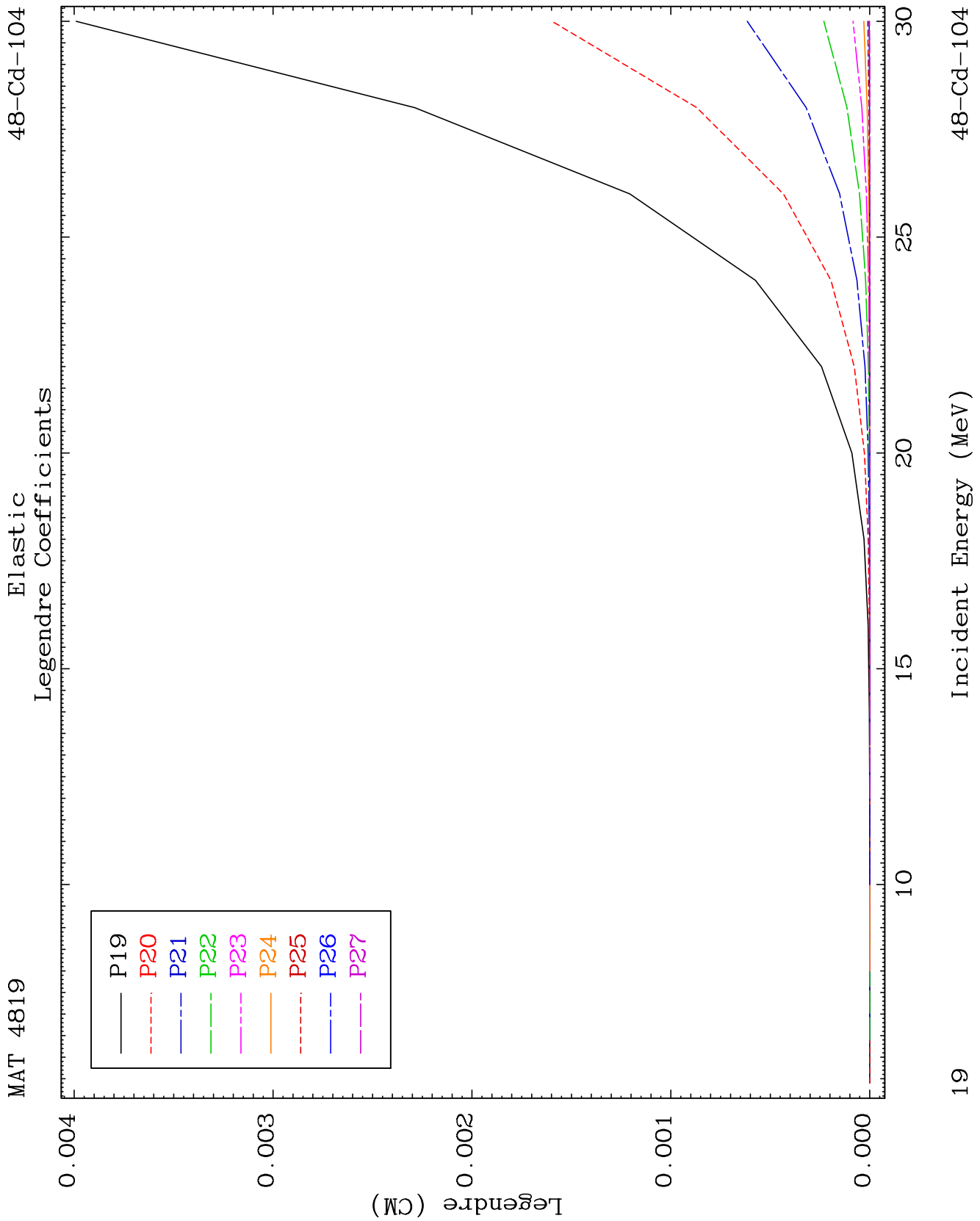
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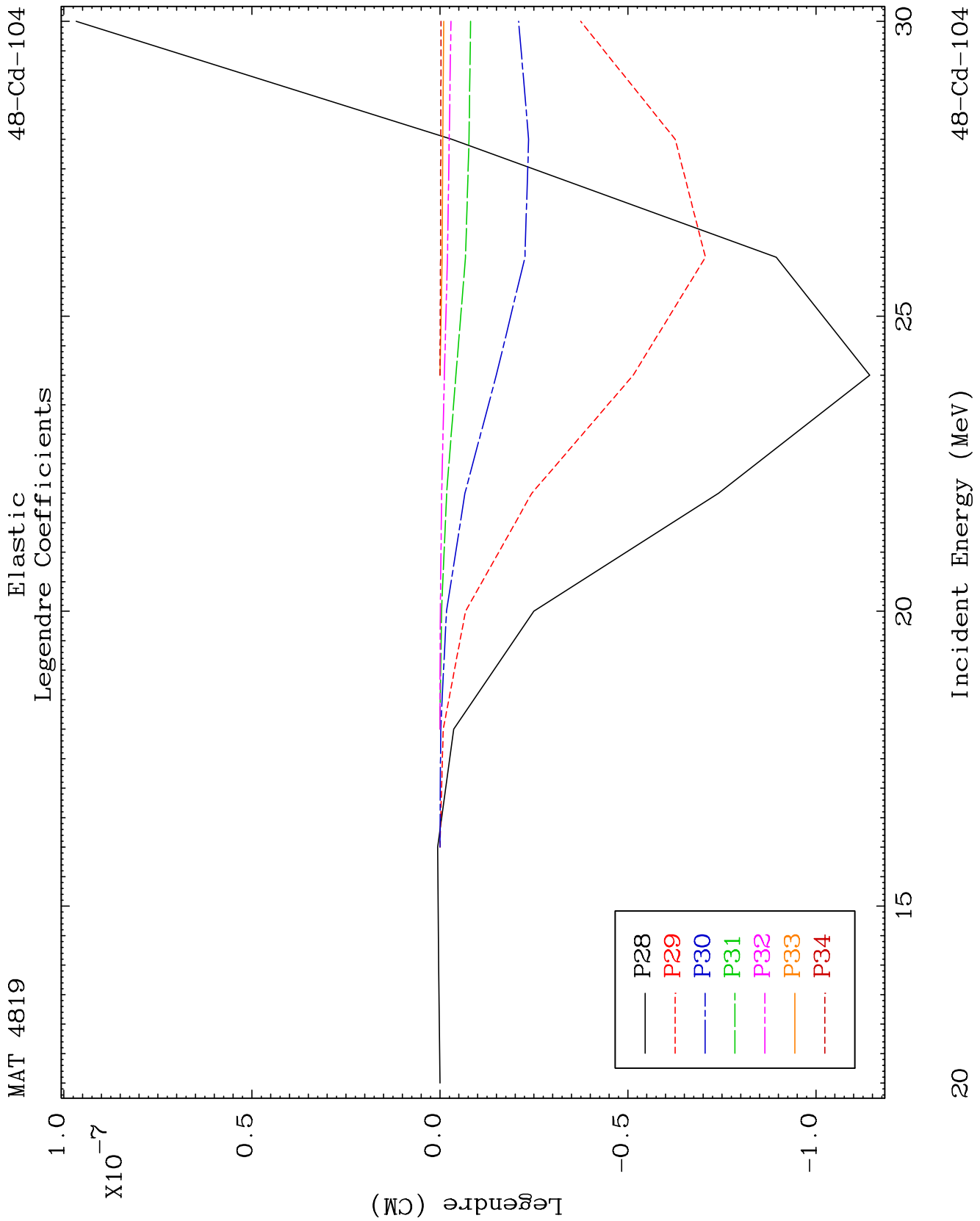


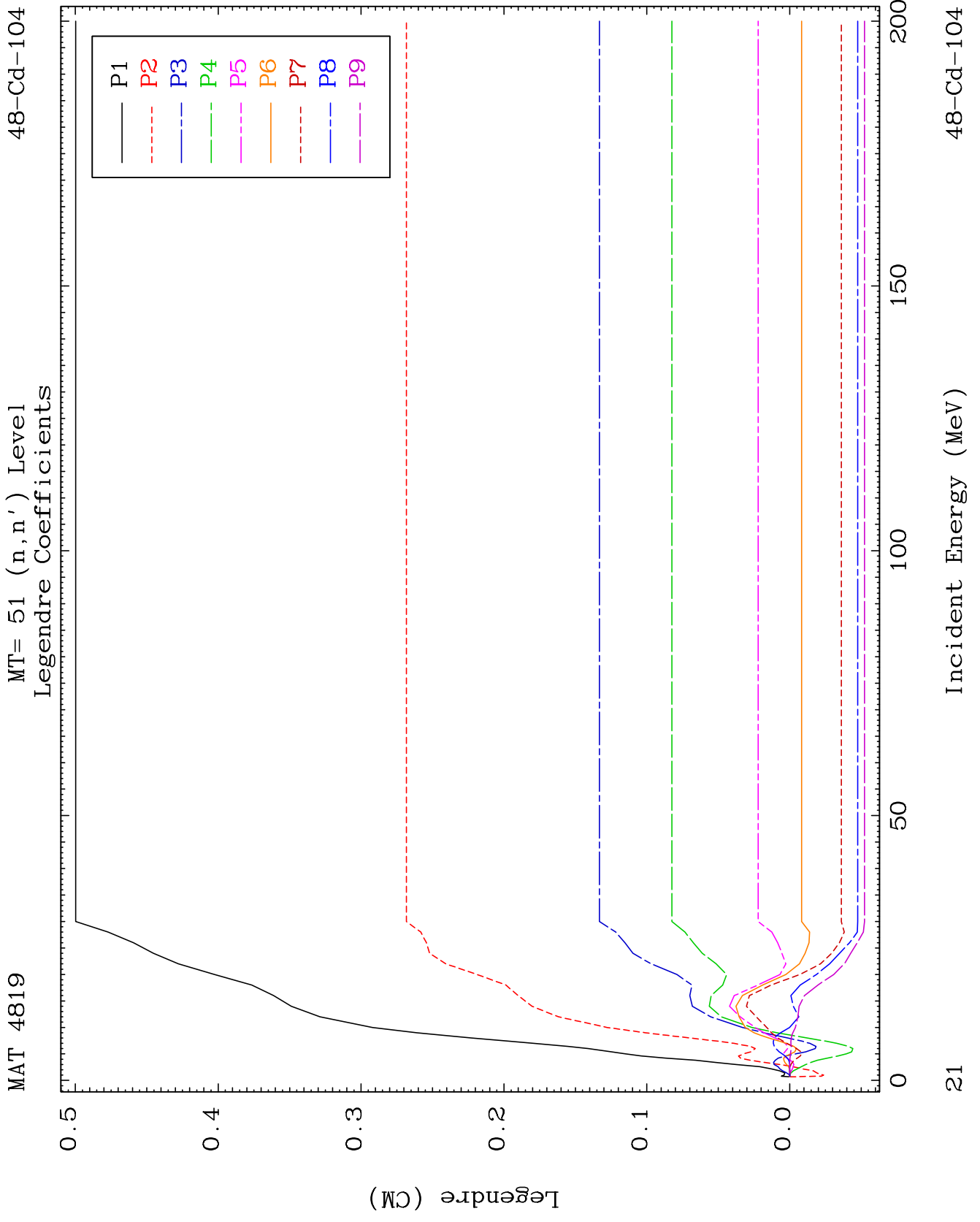
17

Incident Energy (MeV)

48-Cd-104



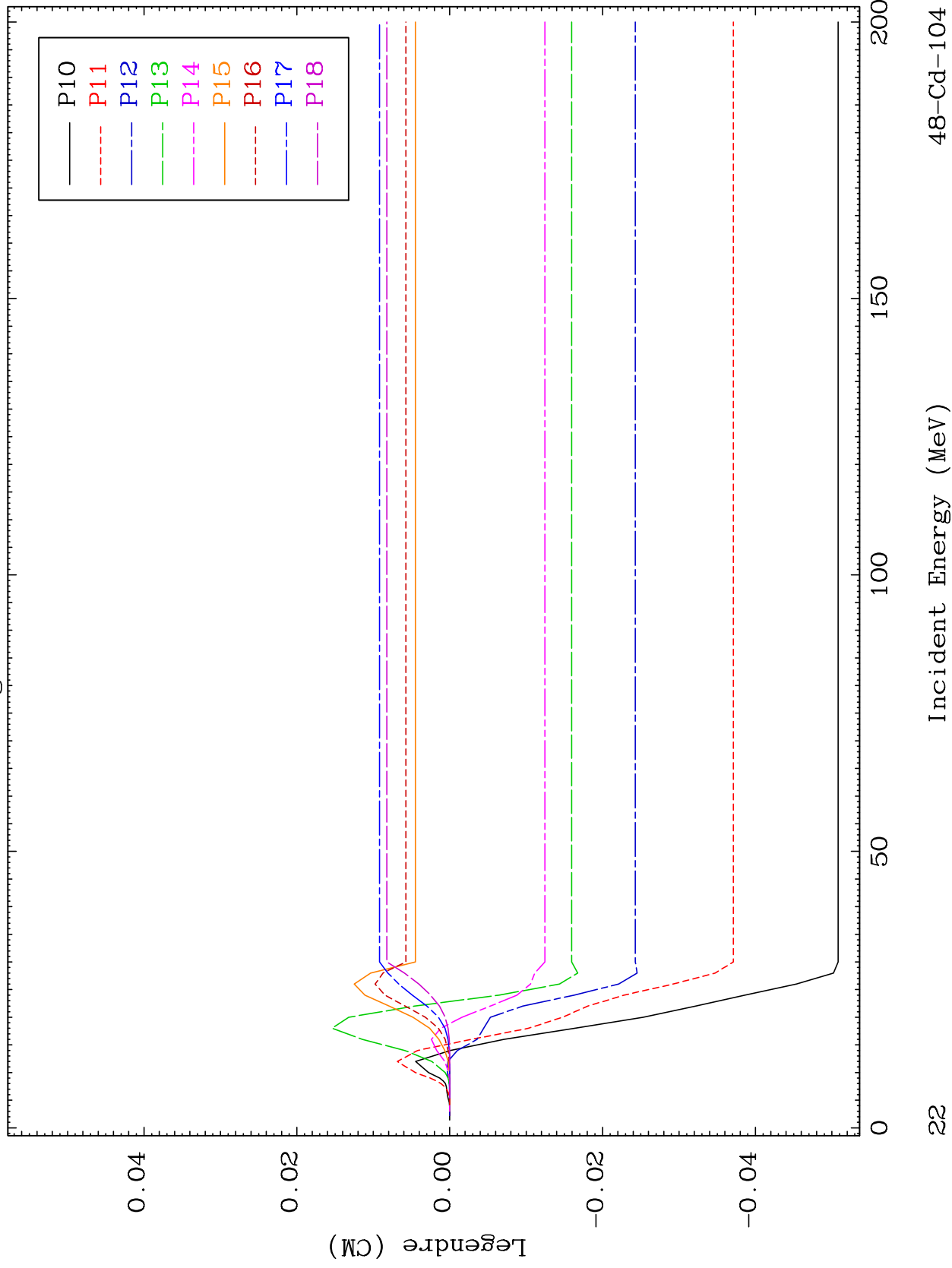




MAT 4819

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

48-Cd-104



22

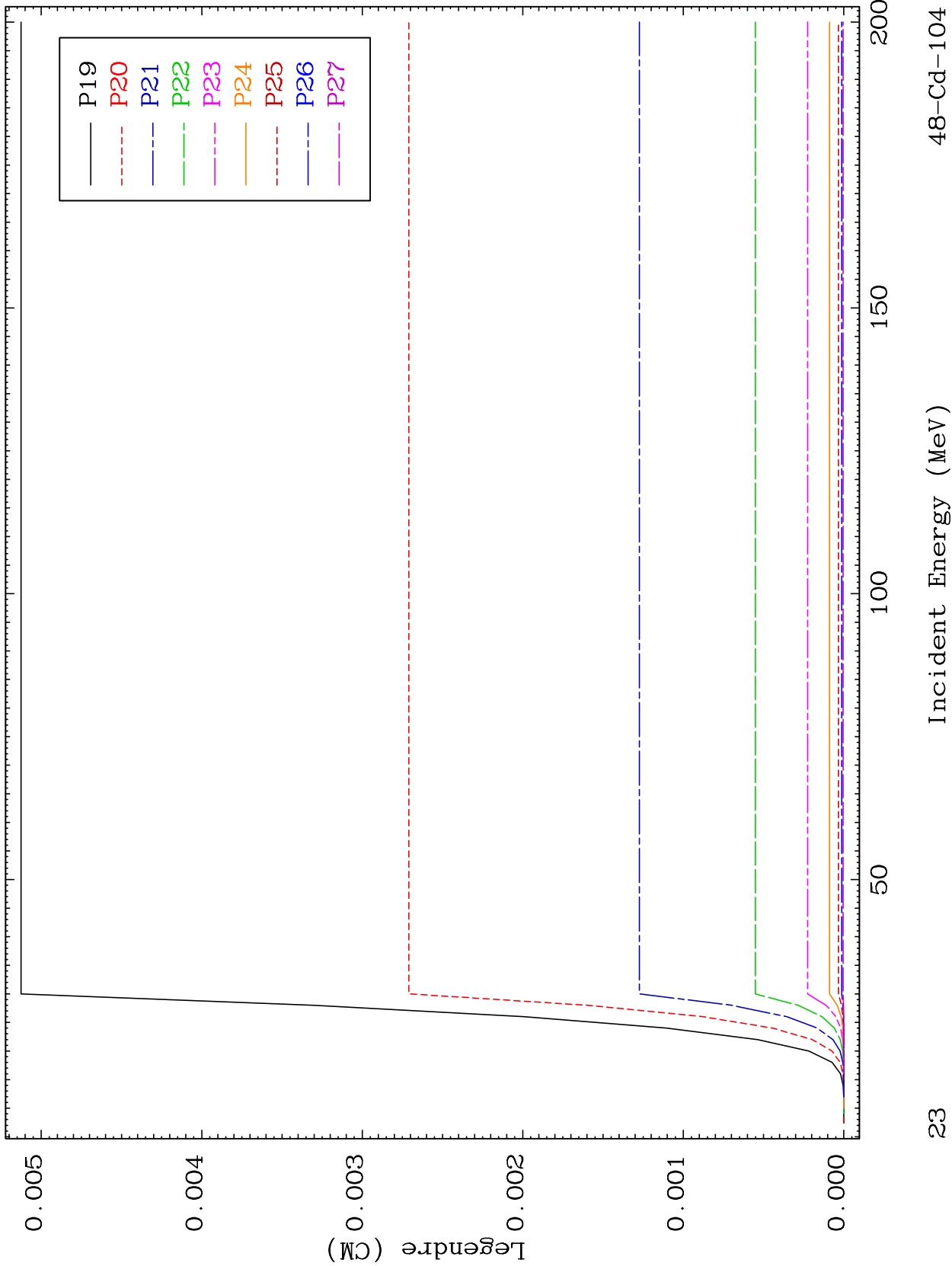
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



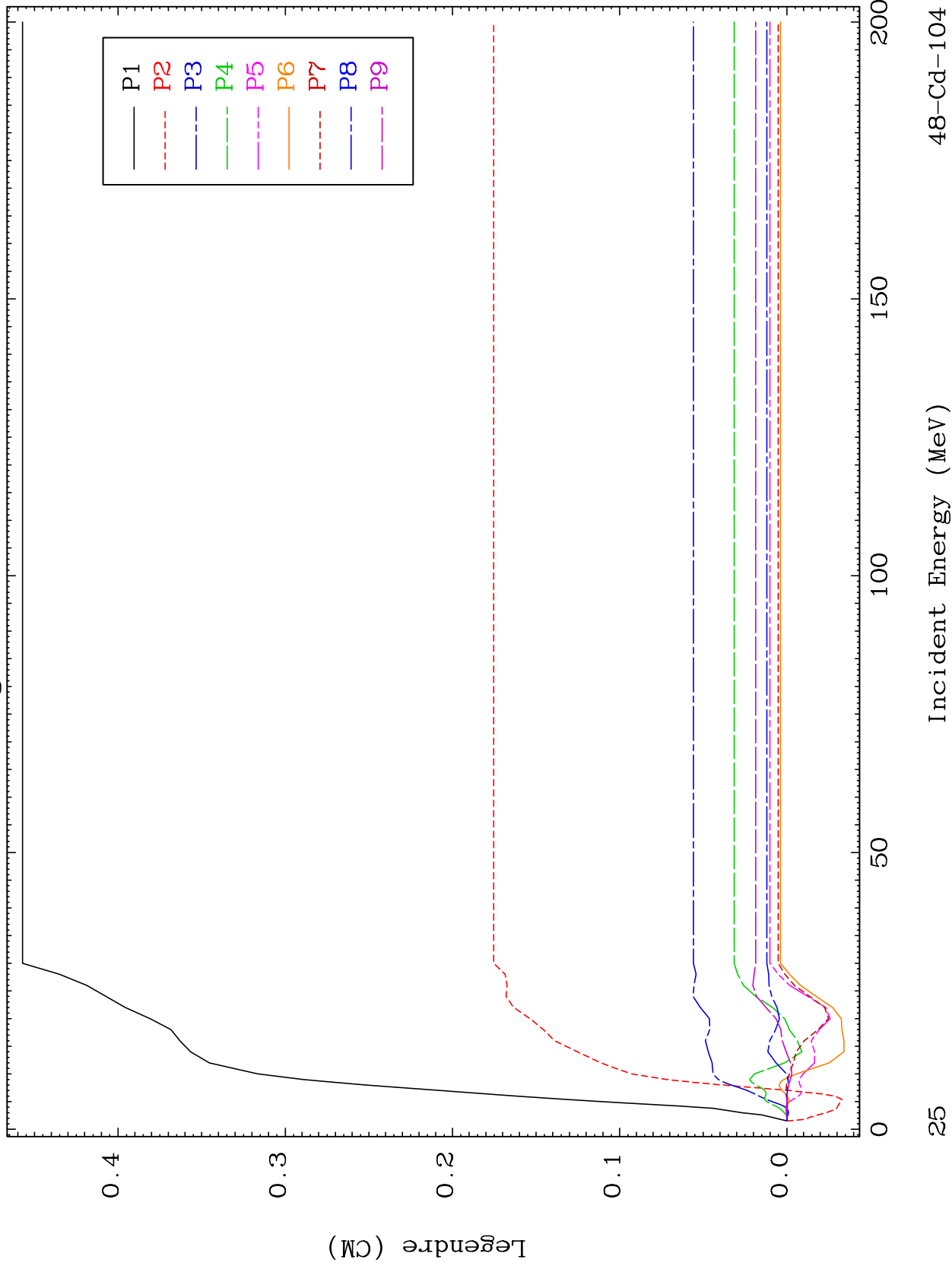
23

48-Cd-104

MAT 4819

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

48-Cd-104



48-Cd-104

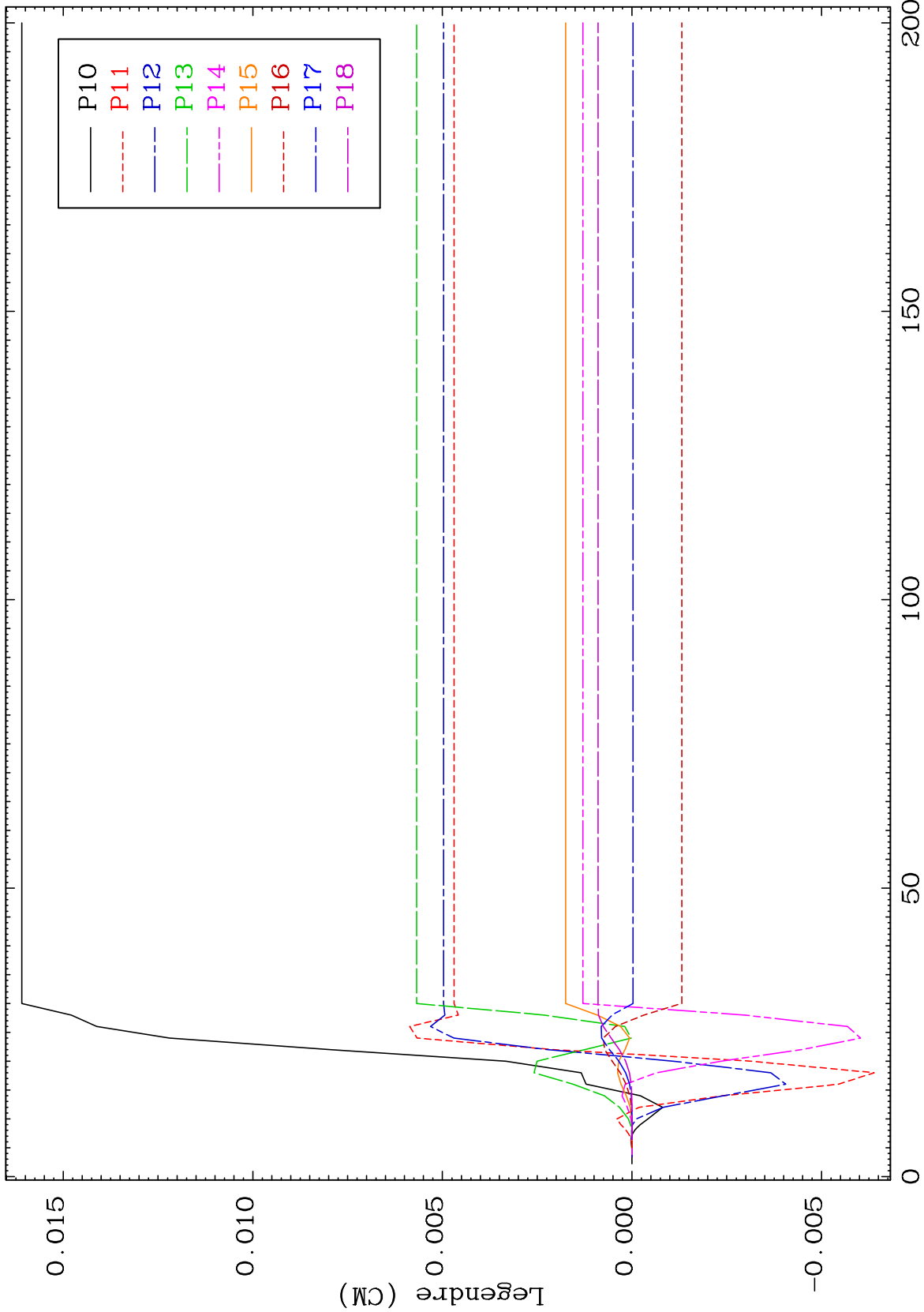
Incident Energy (MeV)

25

MAT 4819

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

48-Cd-104



26

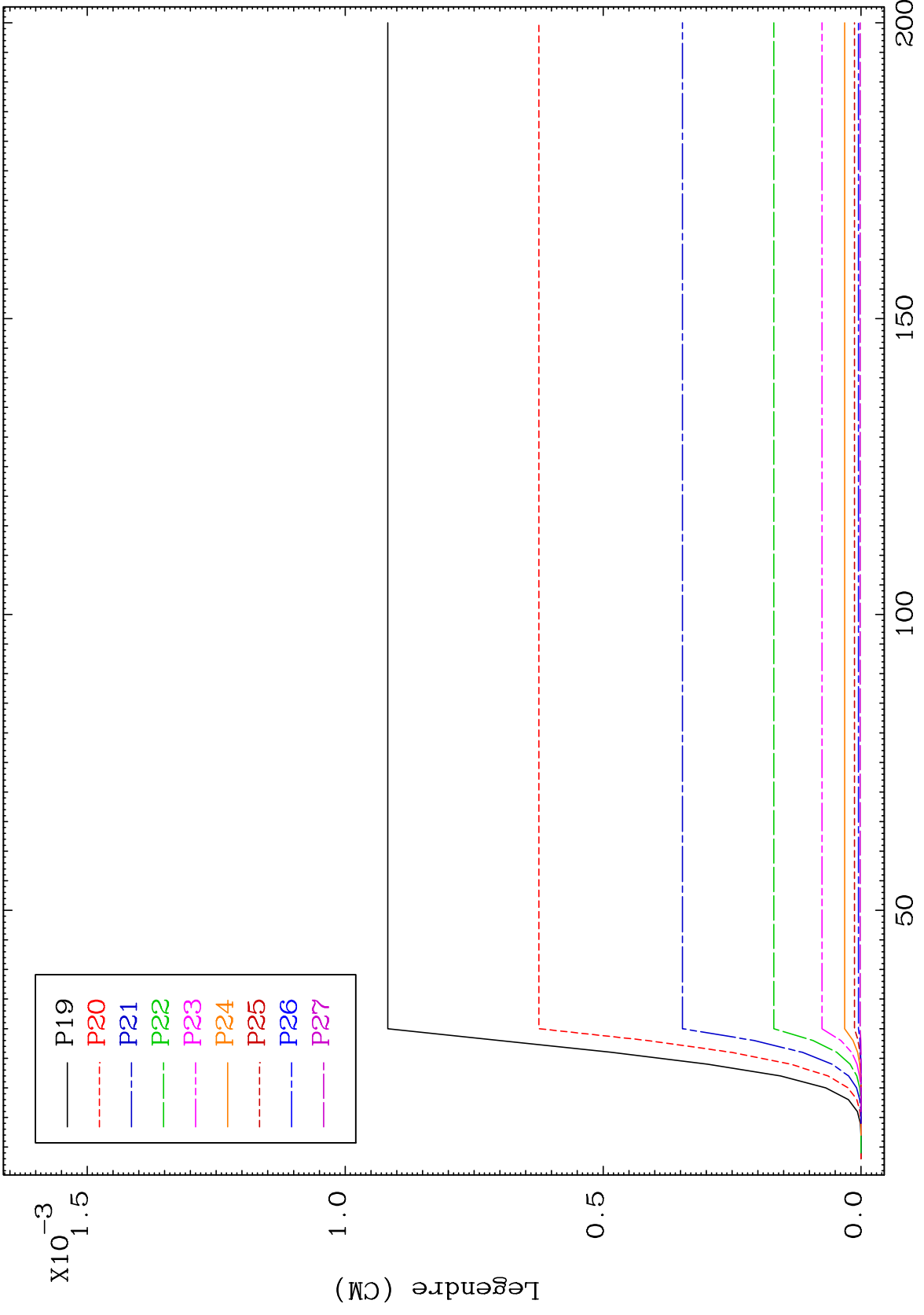
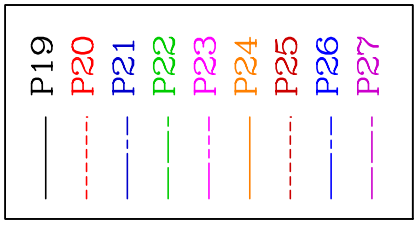
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

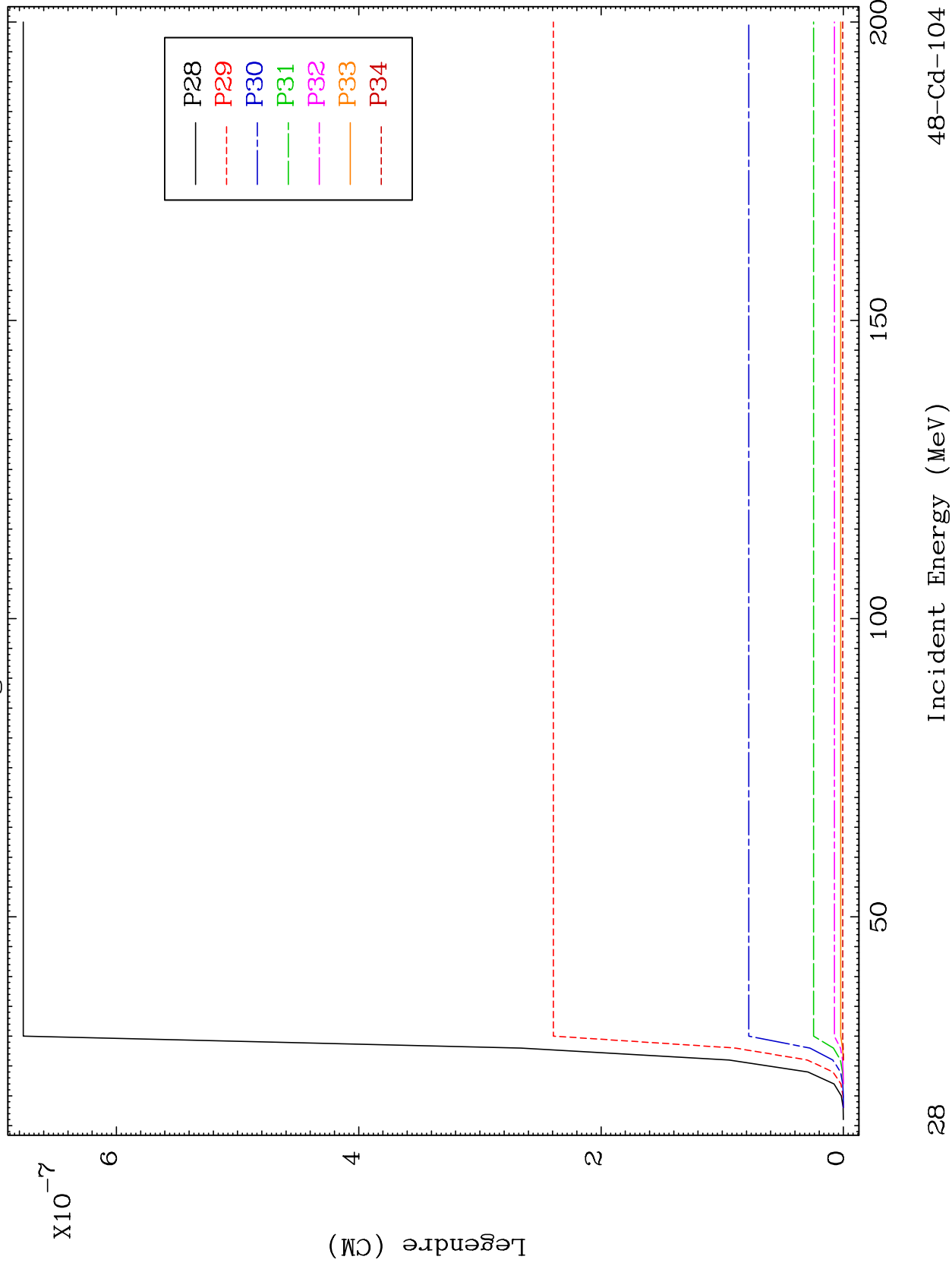
48-Cd-104



MAT 4819

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

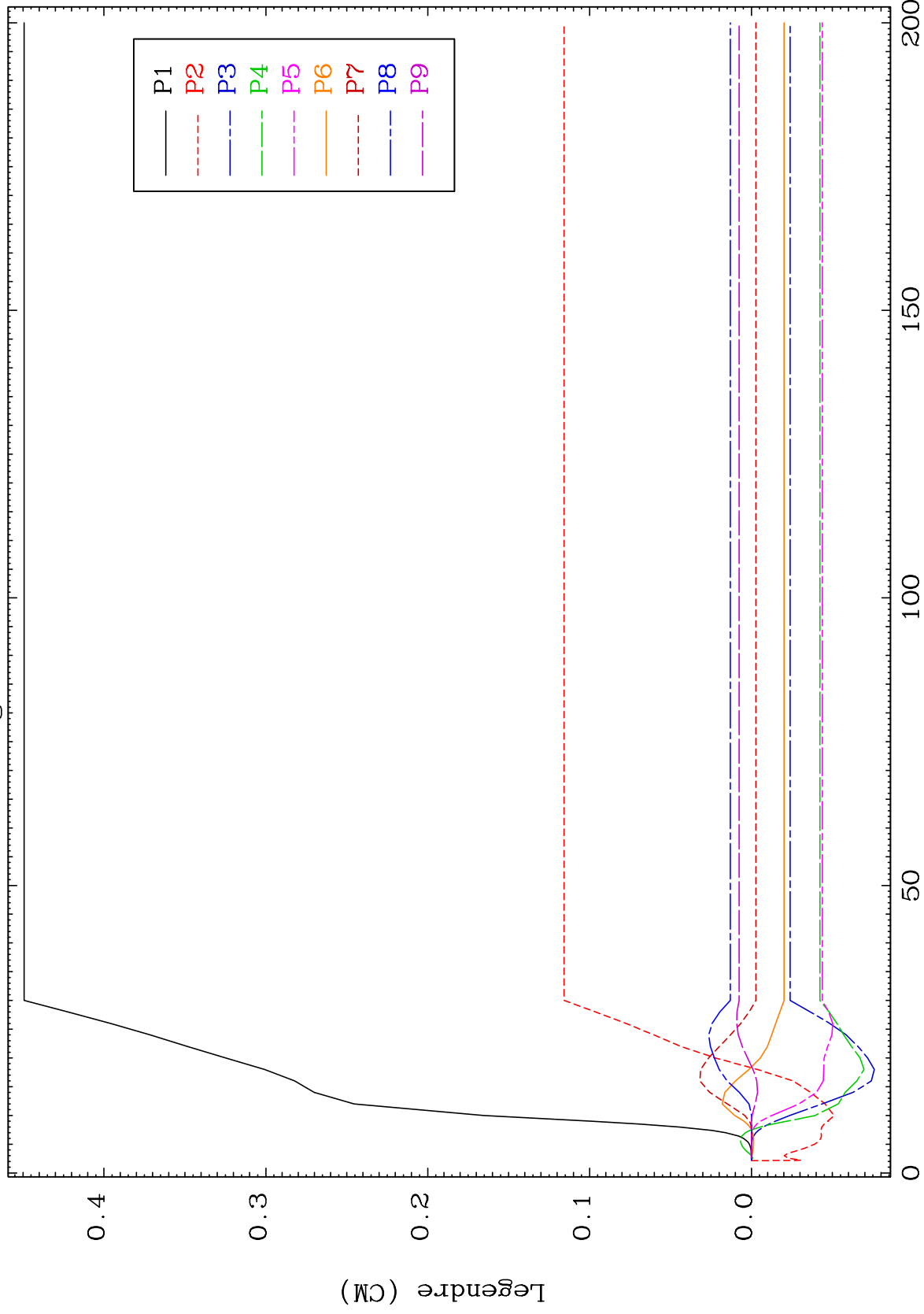
48-Cd-104



MAT 4819

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

48-Cd-104



29

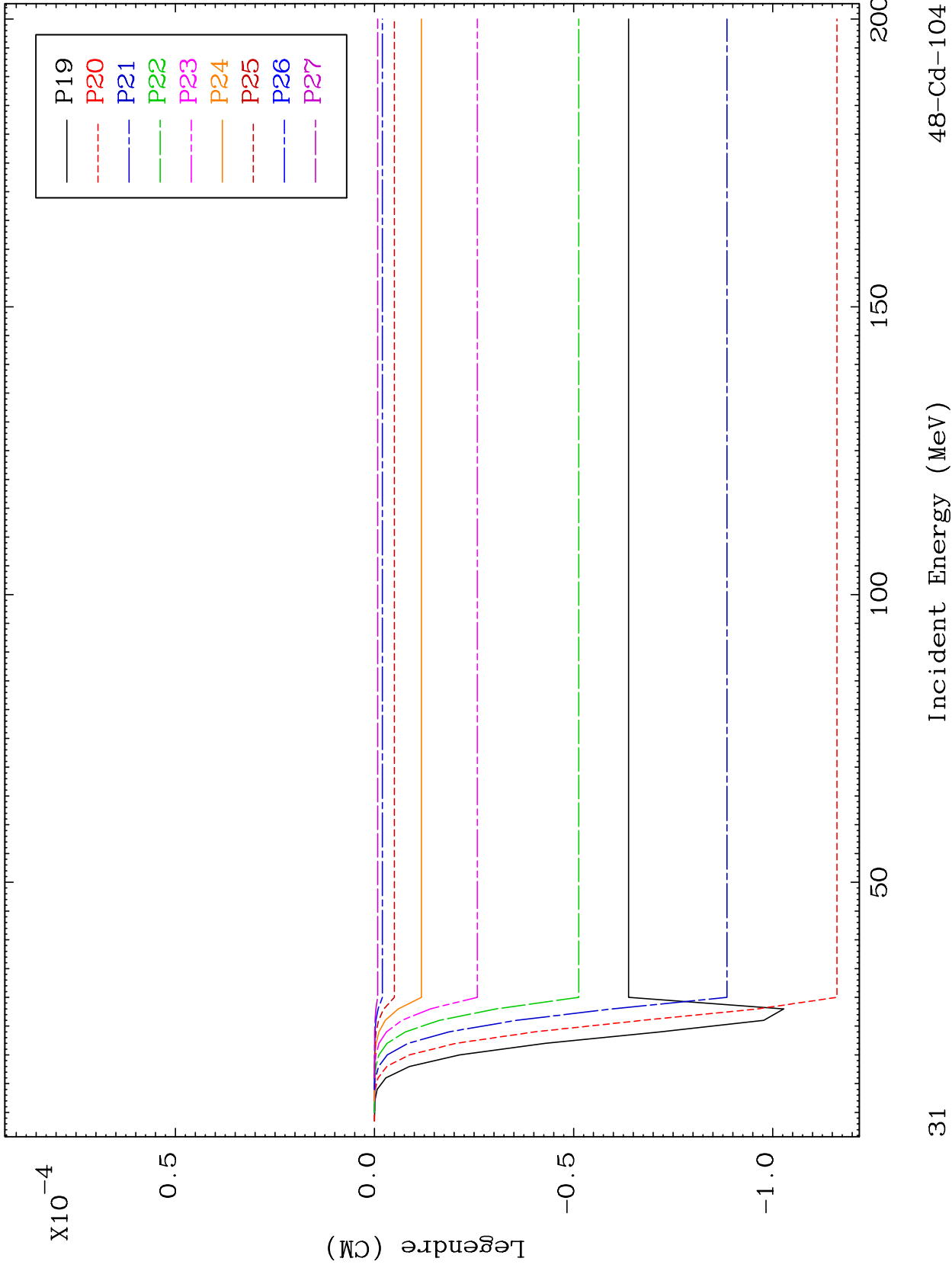
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

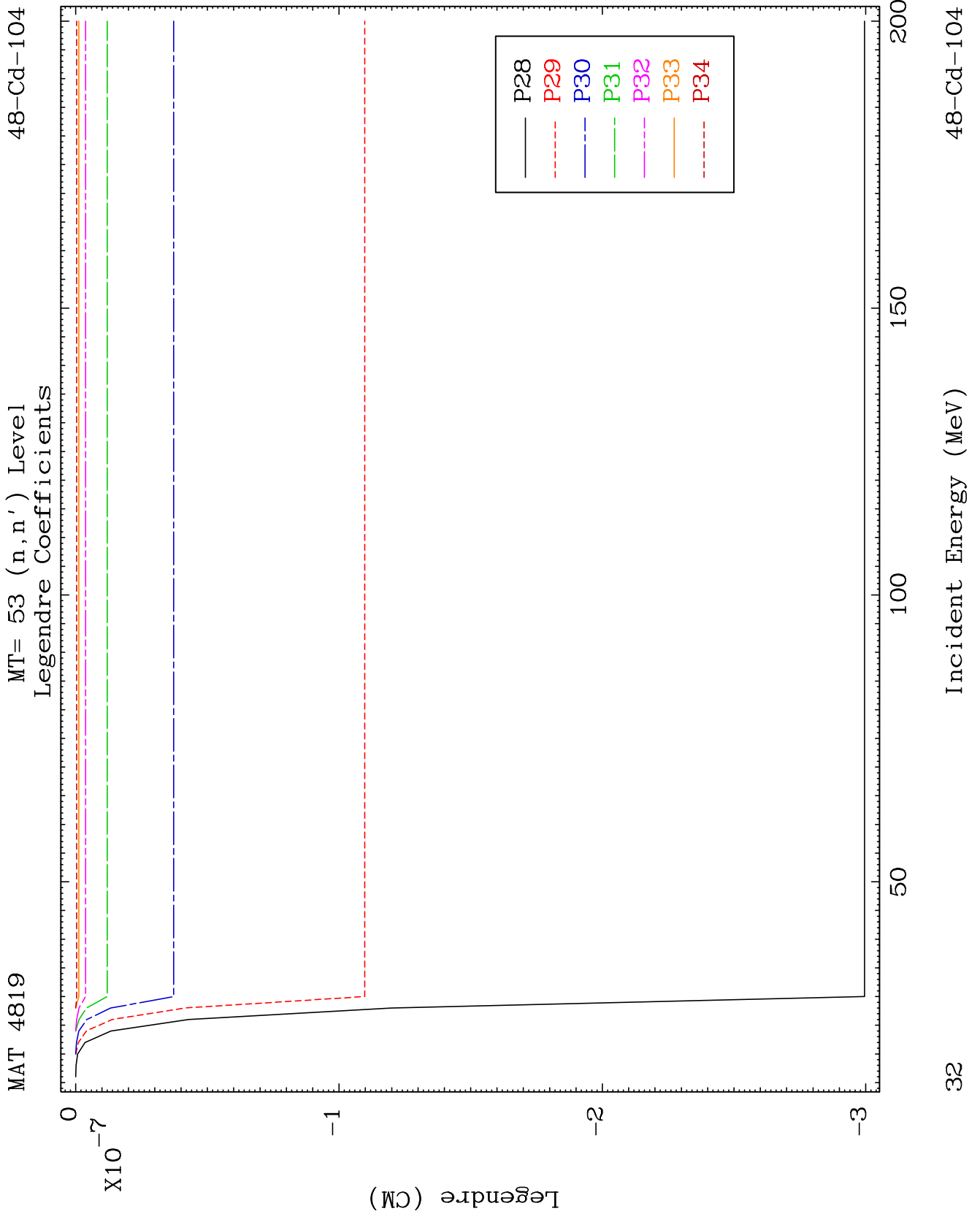
48-Cd-104



31

Incident Energy (MeV)

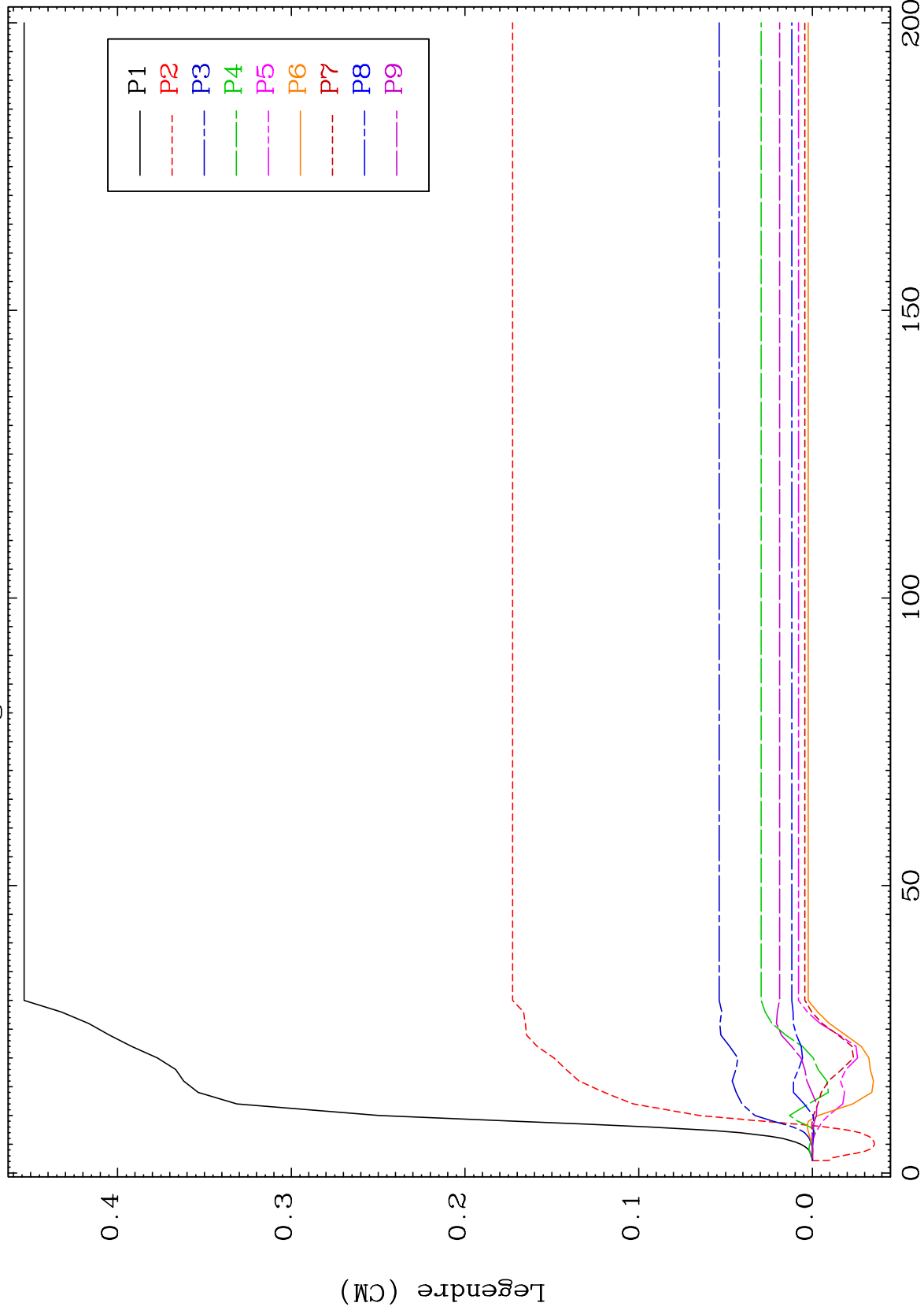
48-Cd-104



MAT 4819

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

48-Cd-104



33

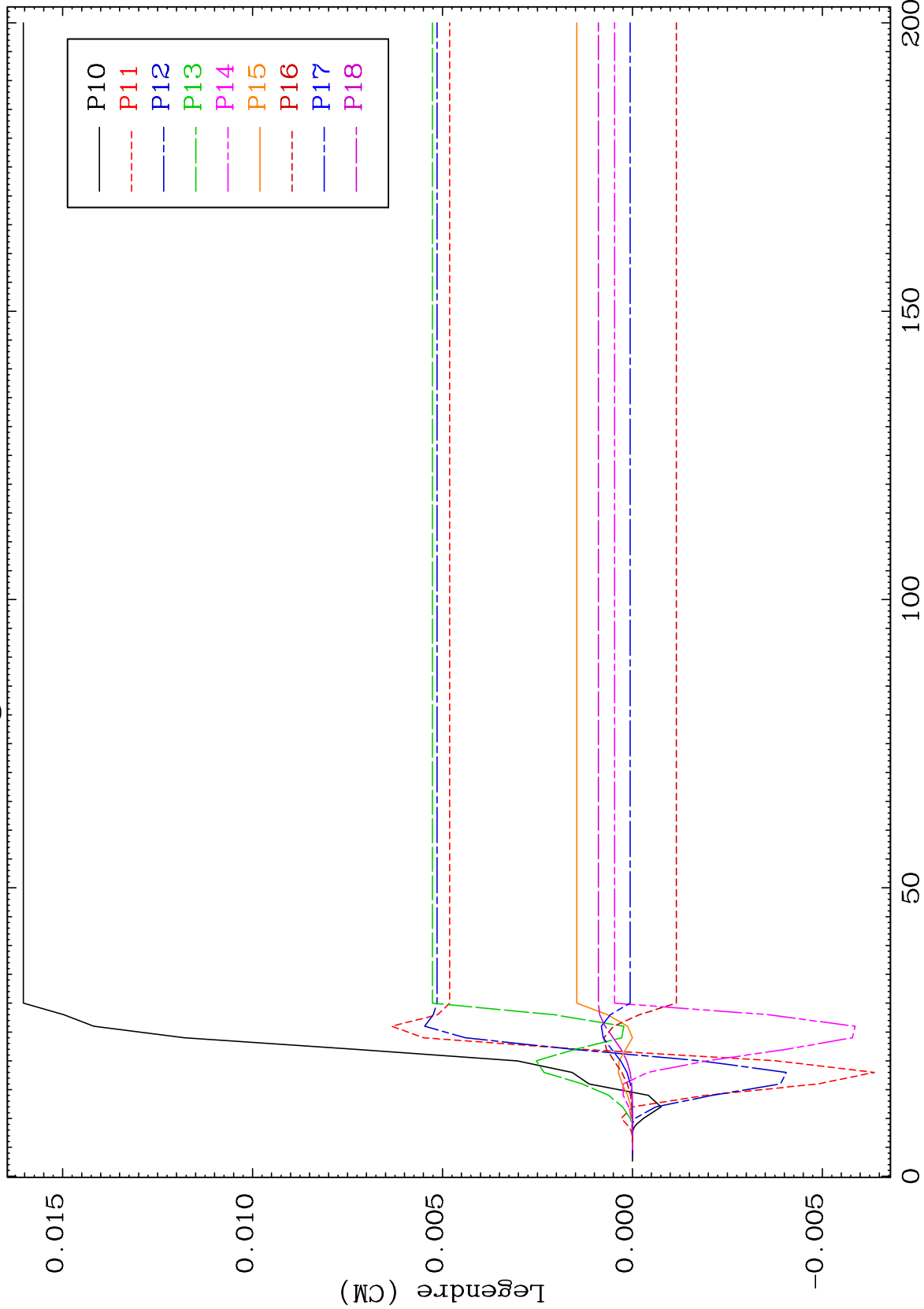
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



34

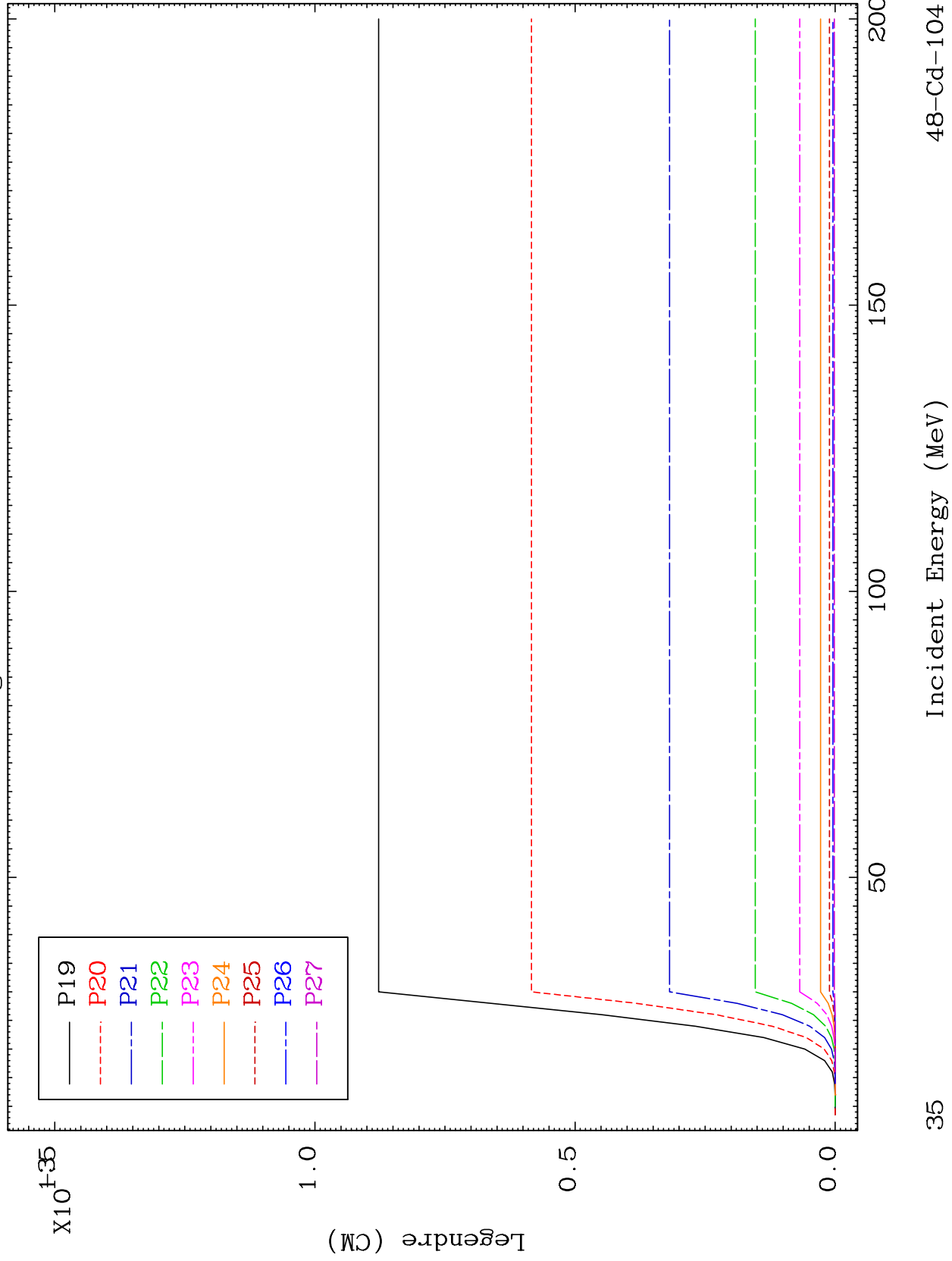
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



35

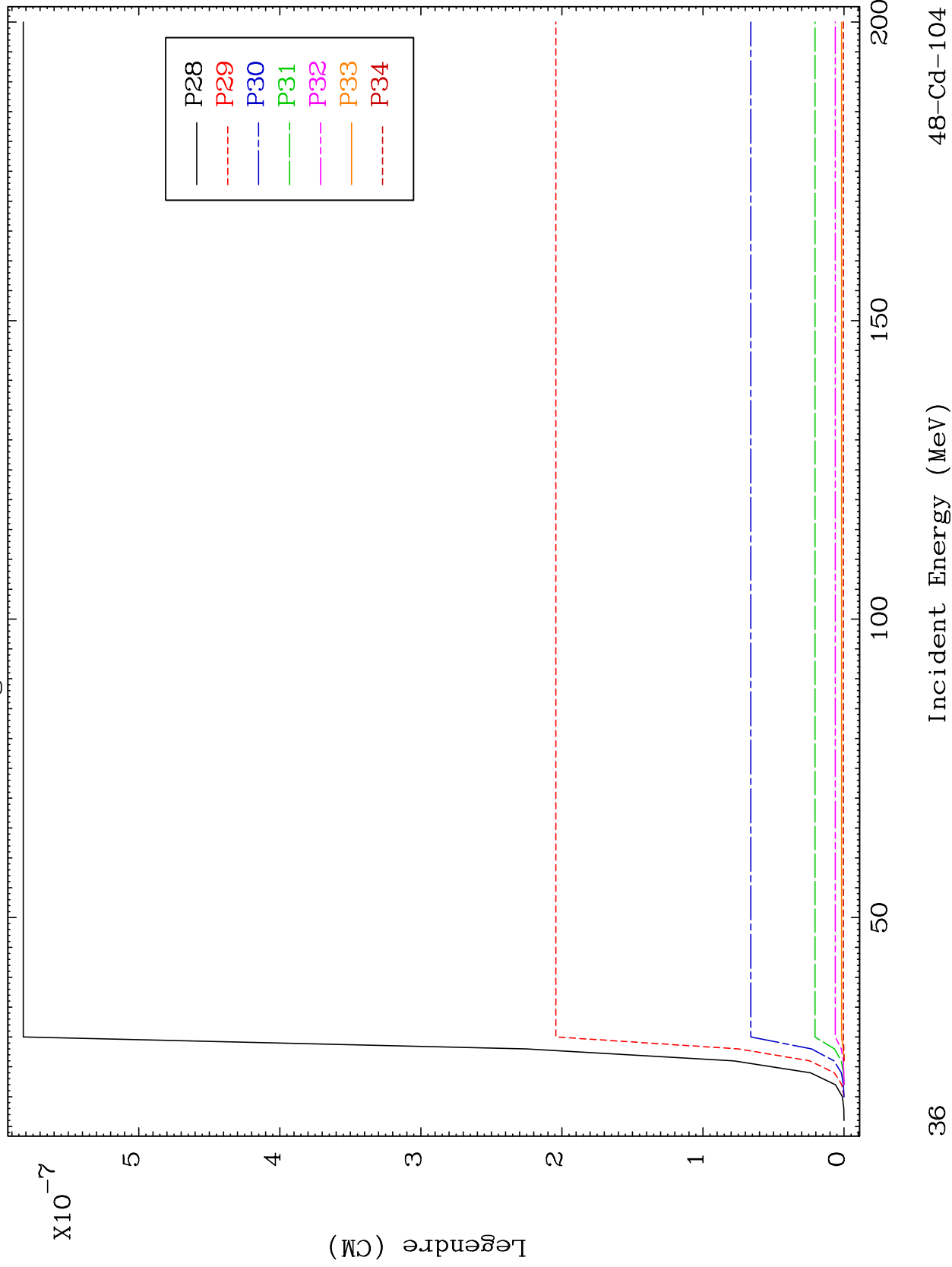
Incident Energy (MeV)

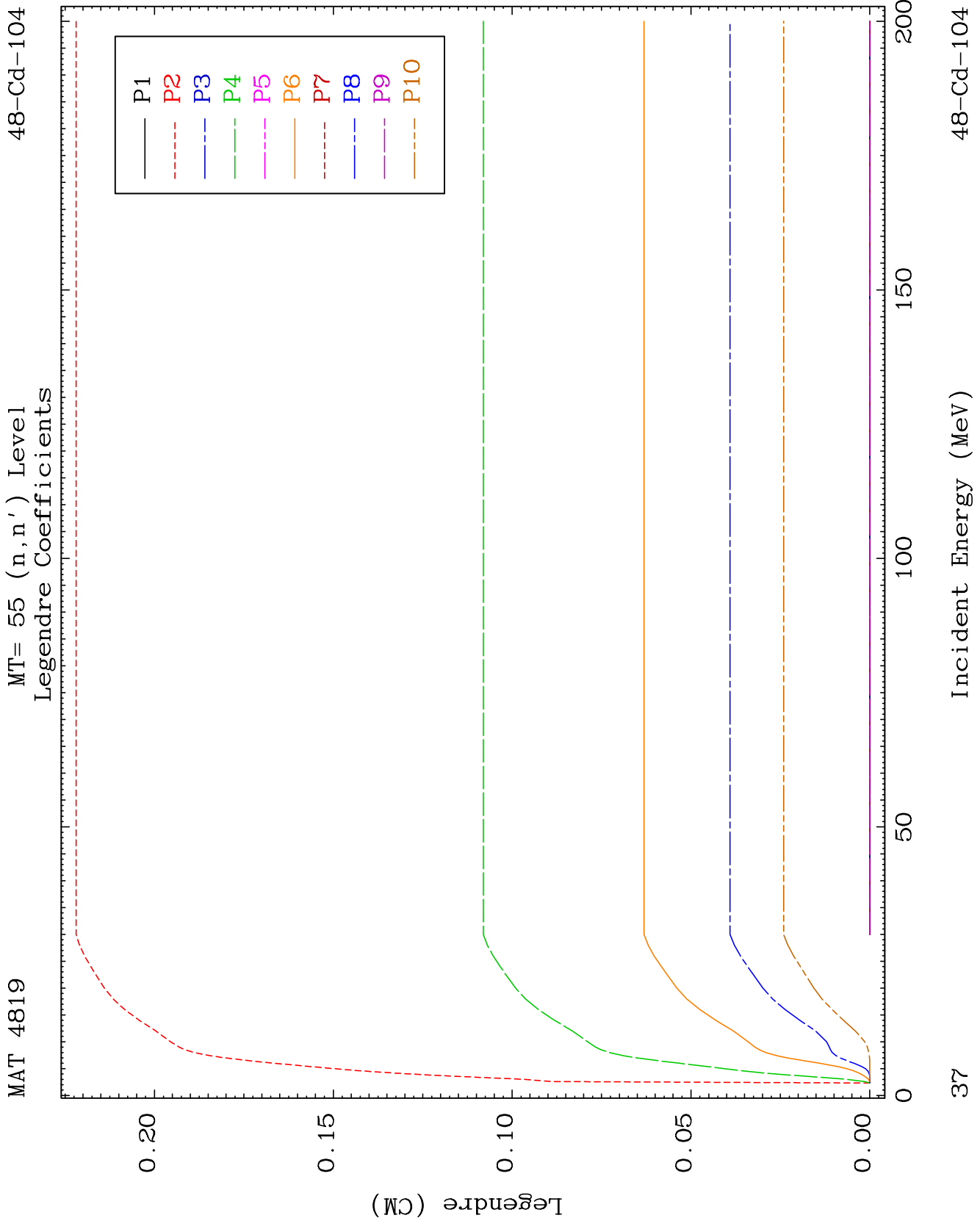
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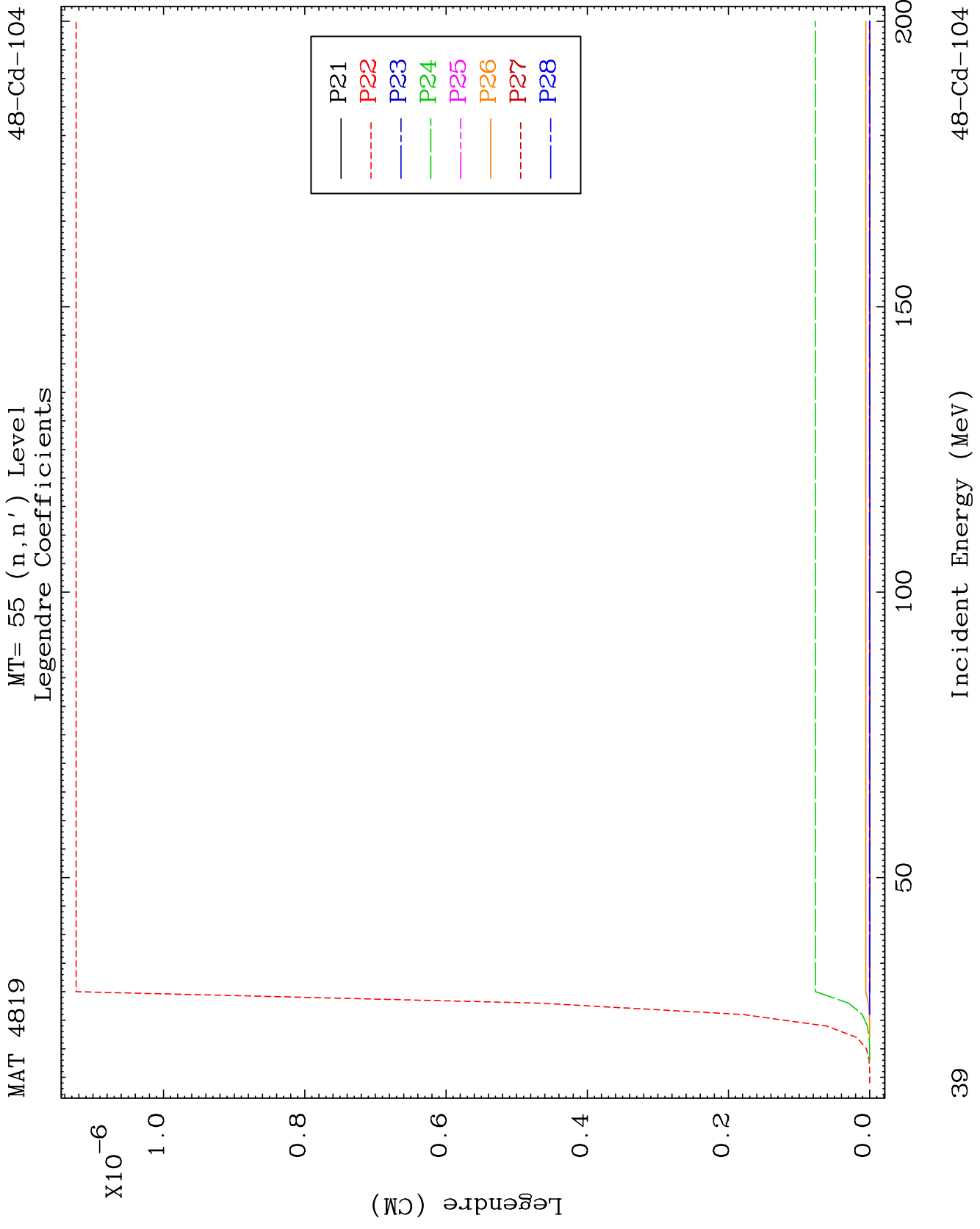
MAT 4819

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

48-Cd-104



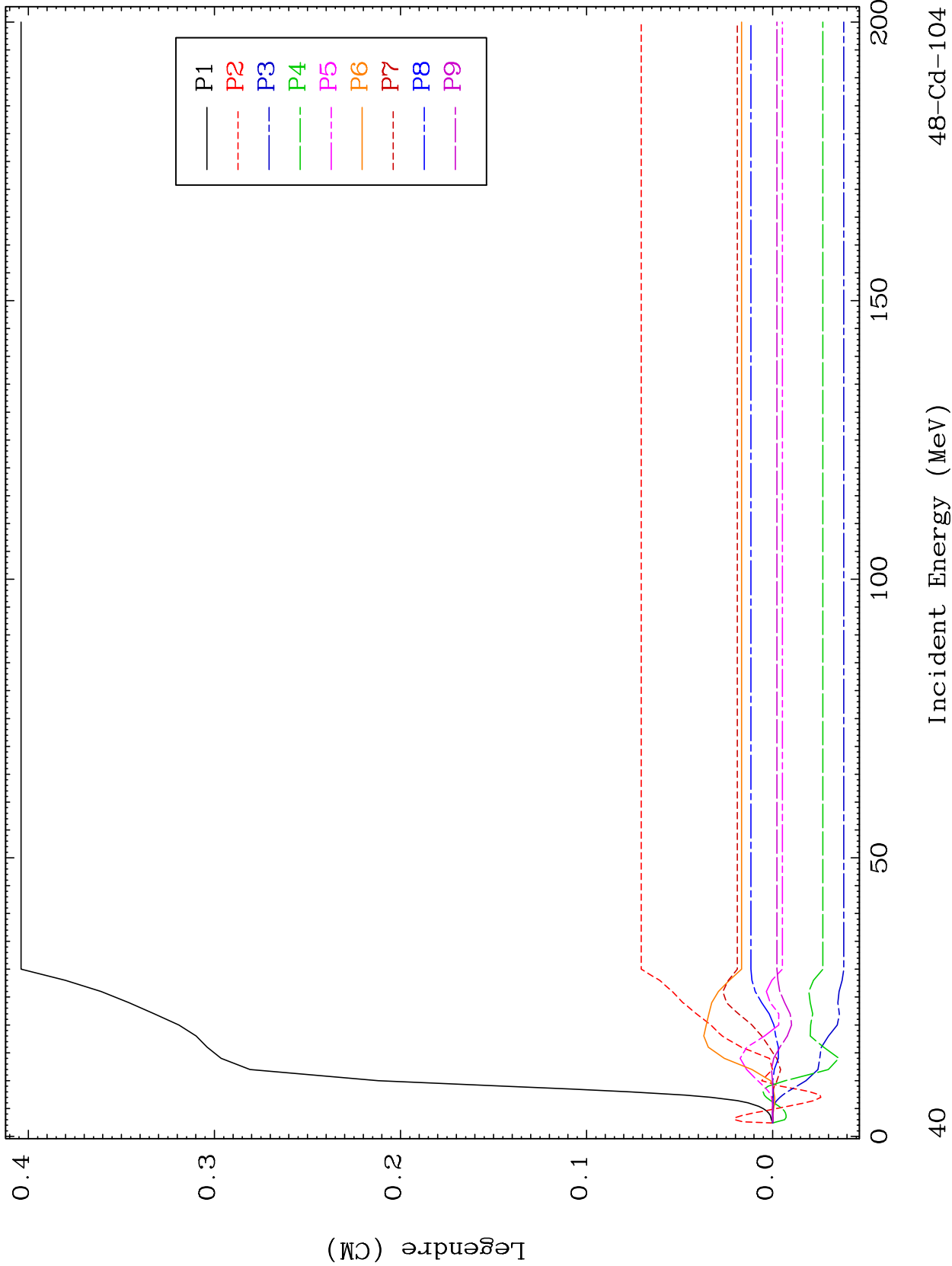




MAT 4819

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

48-Cd-104



48-Cd-104

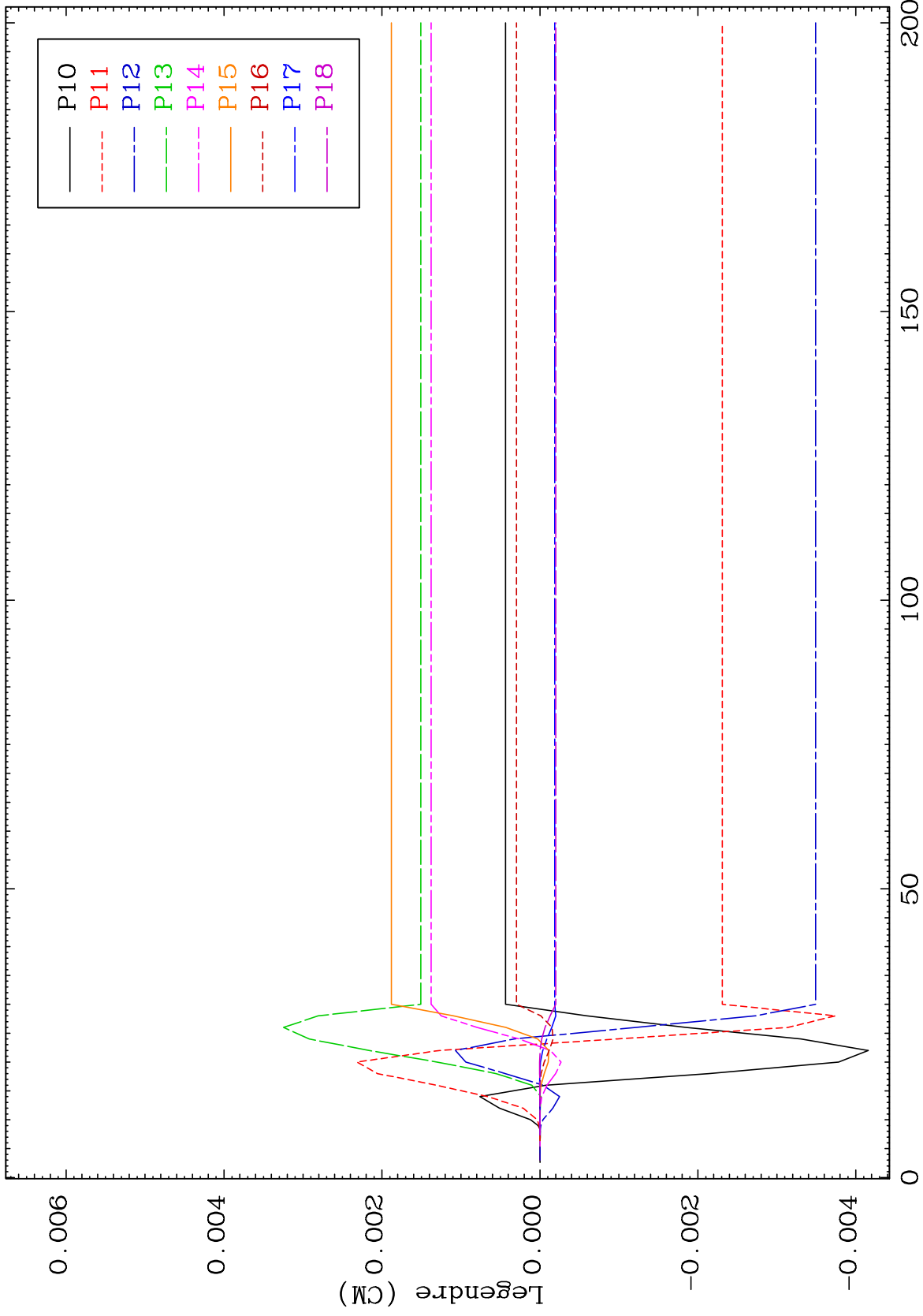
Incident Energy (MeV)

40

MAT 4819

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

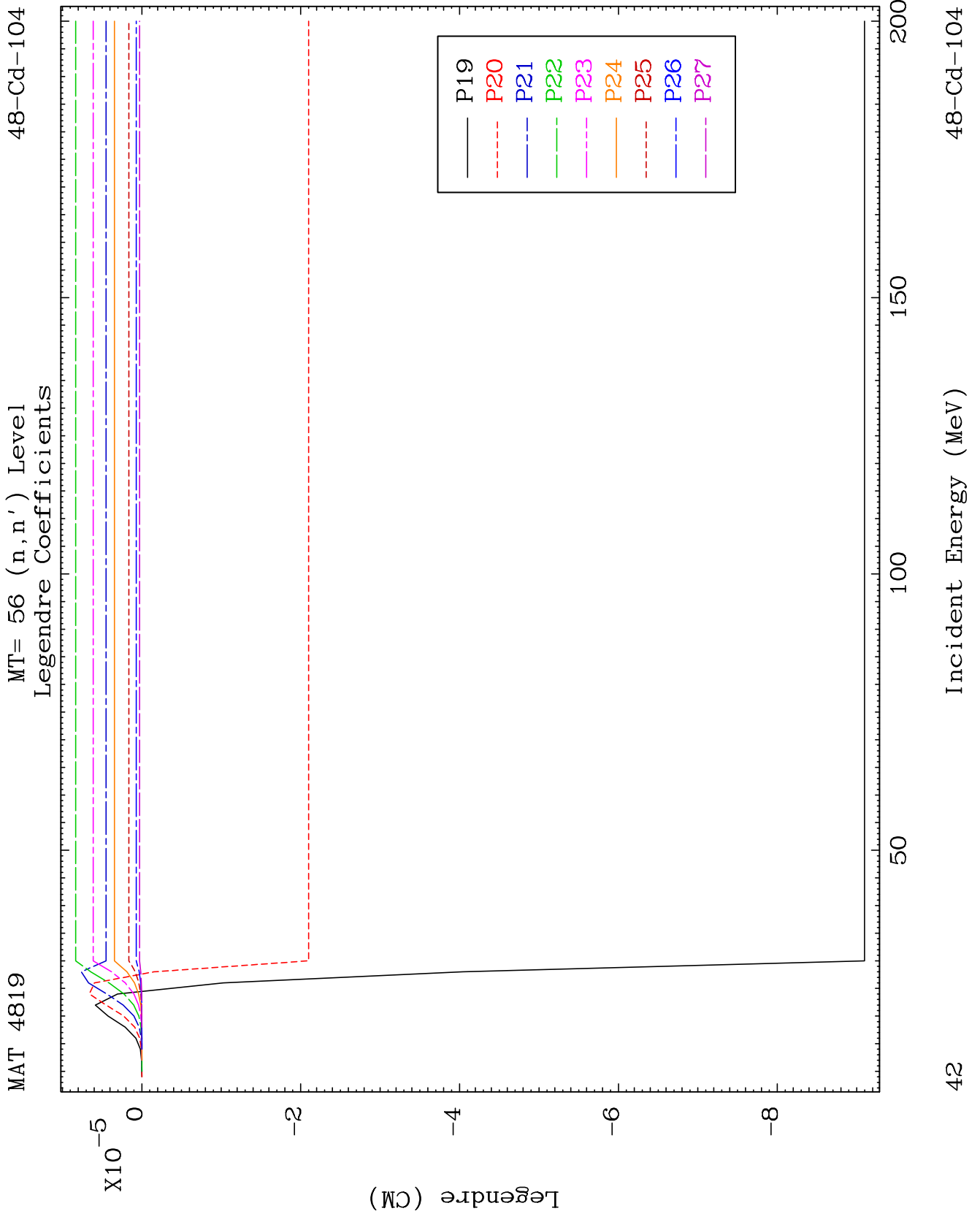
48-Cd-104



41

Incident Energy (MeV)

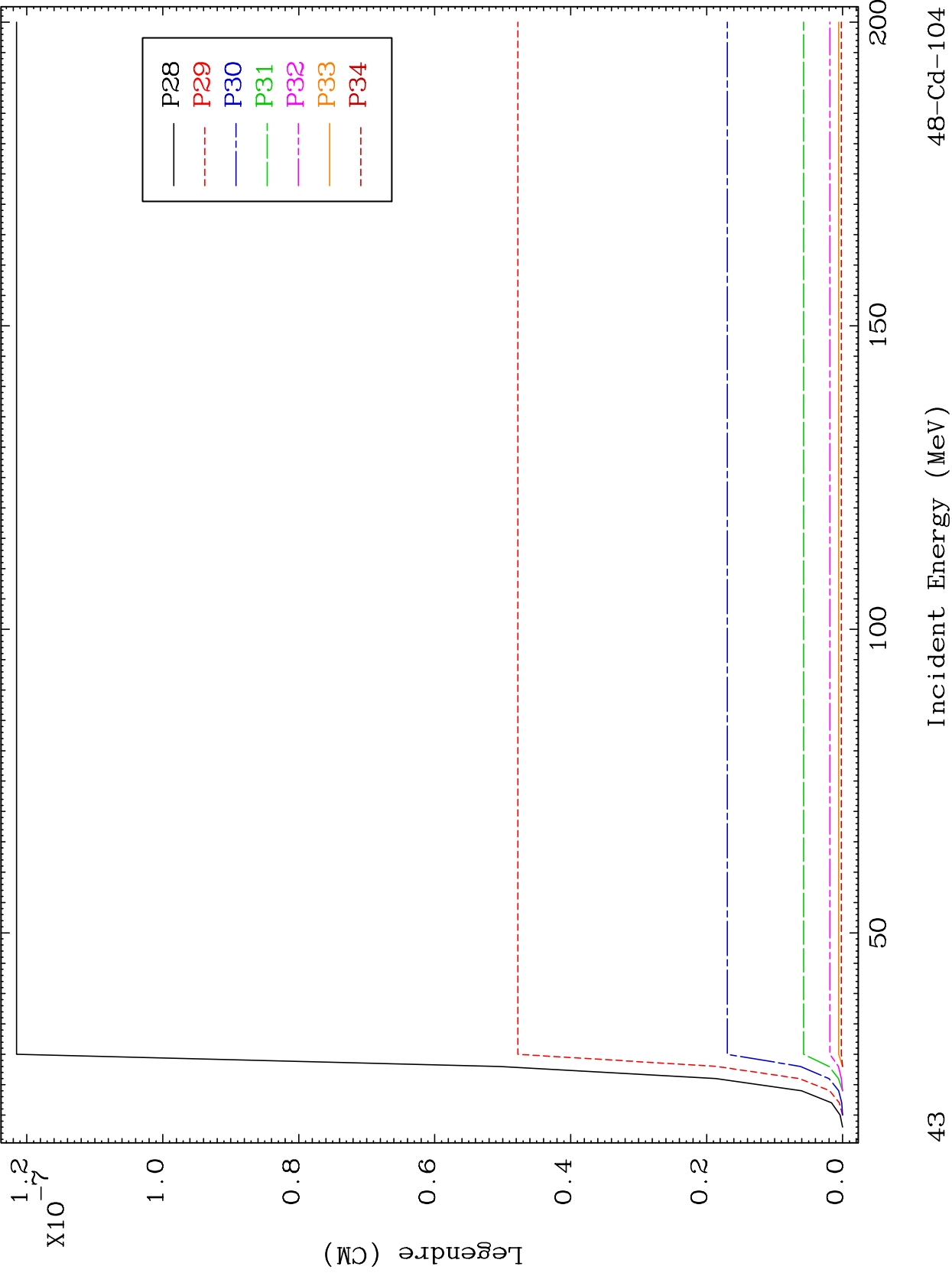
48-Cd-104



MAT 4819

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

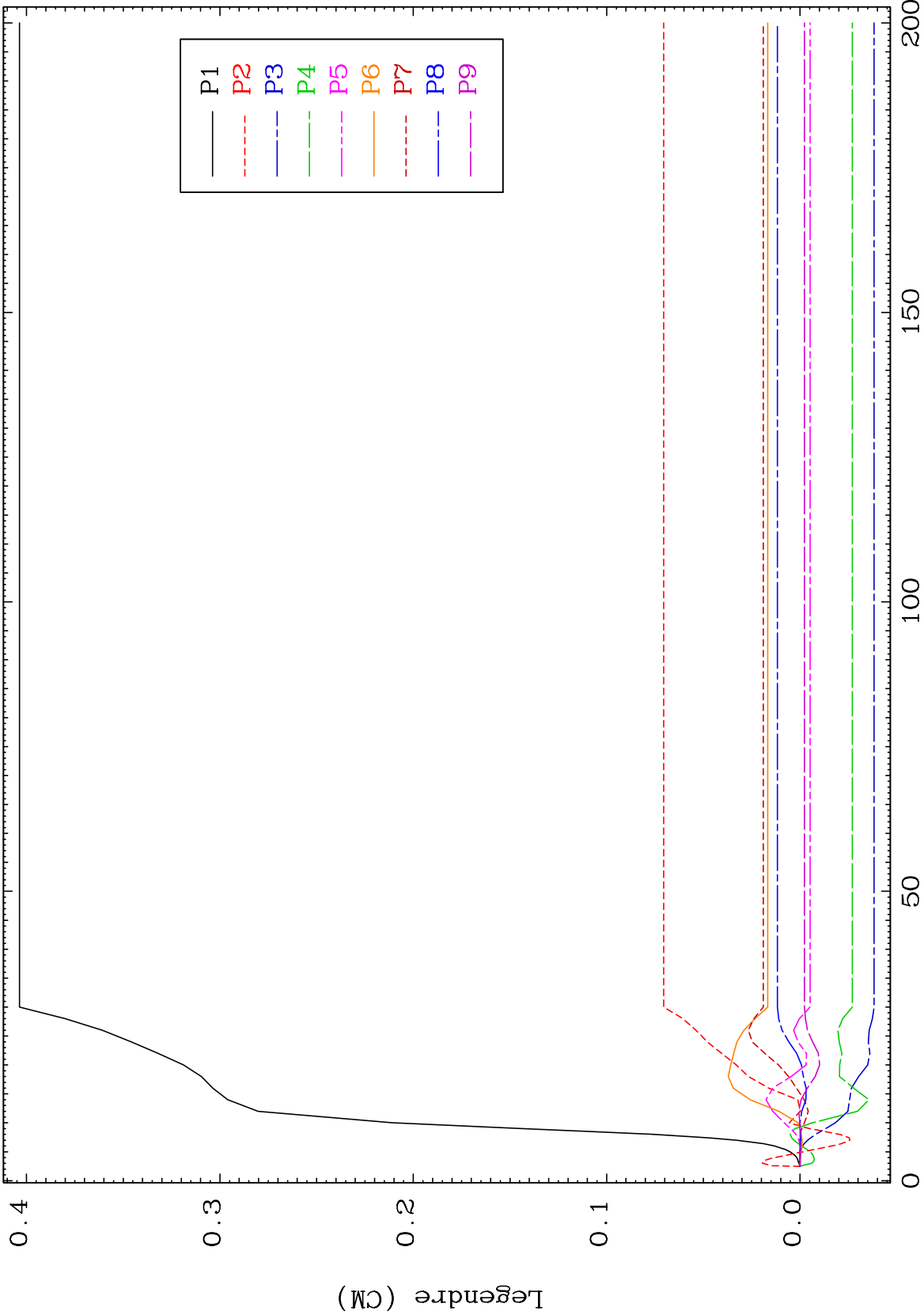
48-Cd-104



MAT 4819

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

48-Cd-104



44

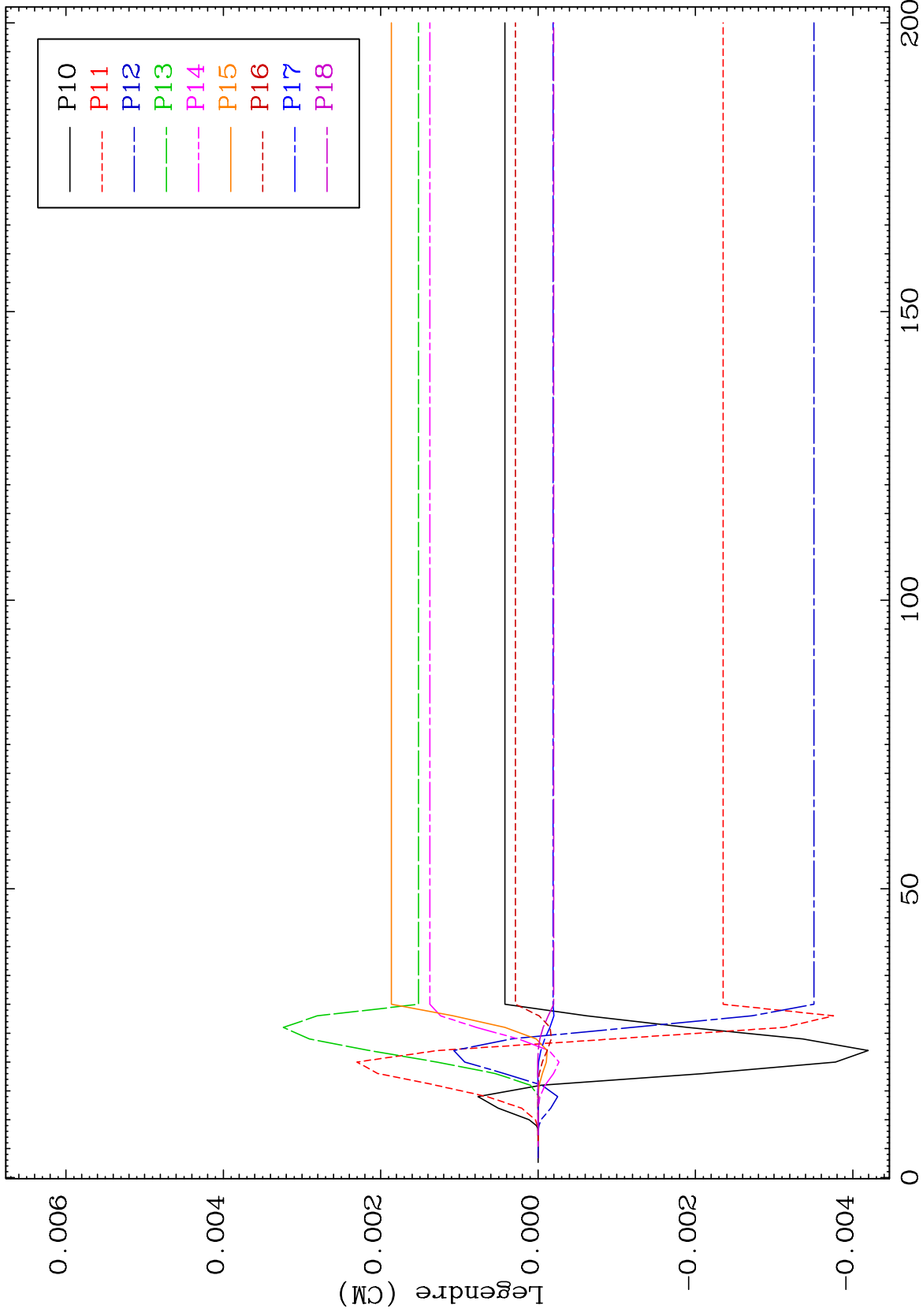
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

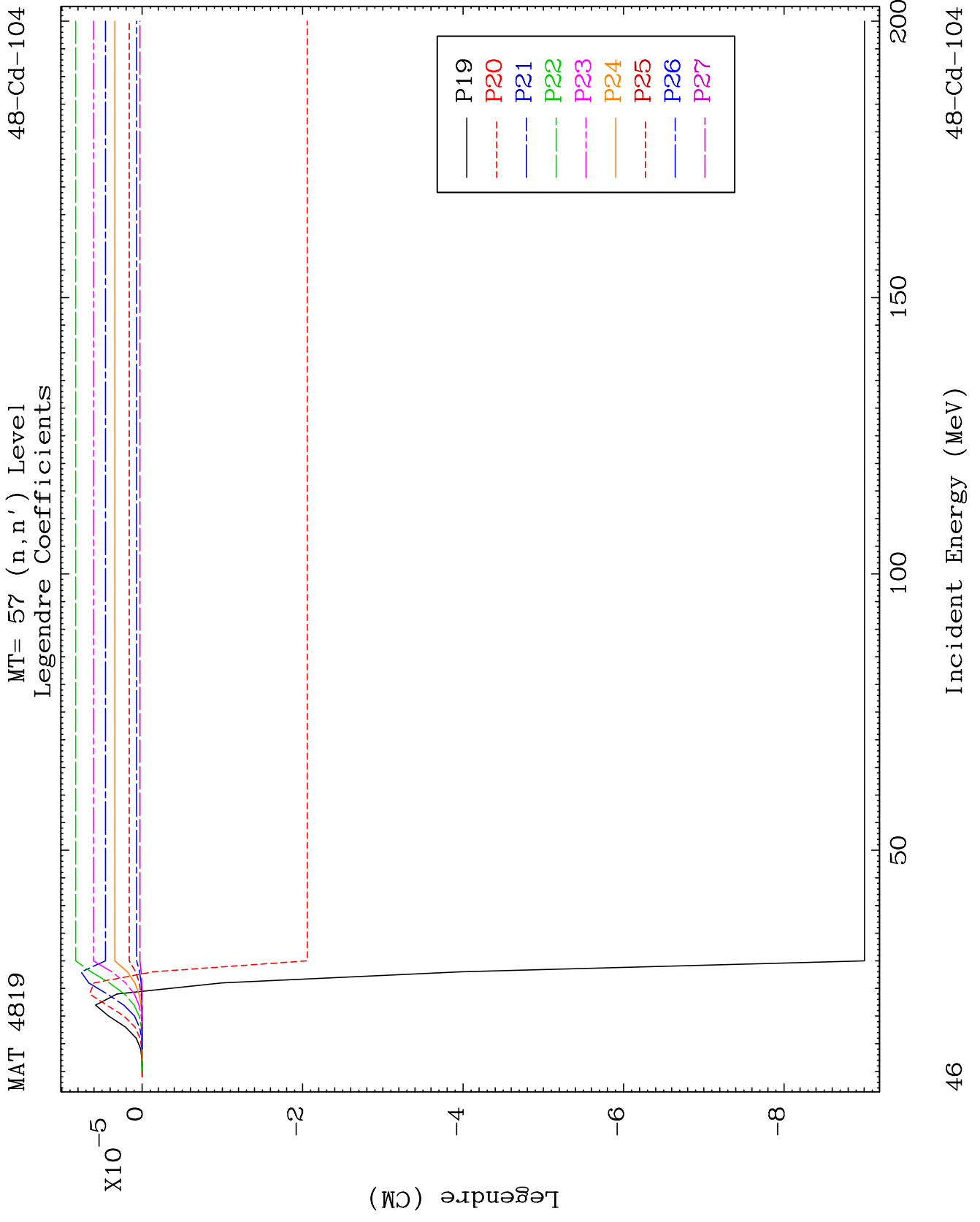
48-Cd-104



45

Incident Energy (MeV)

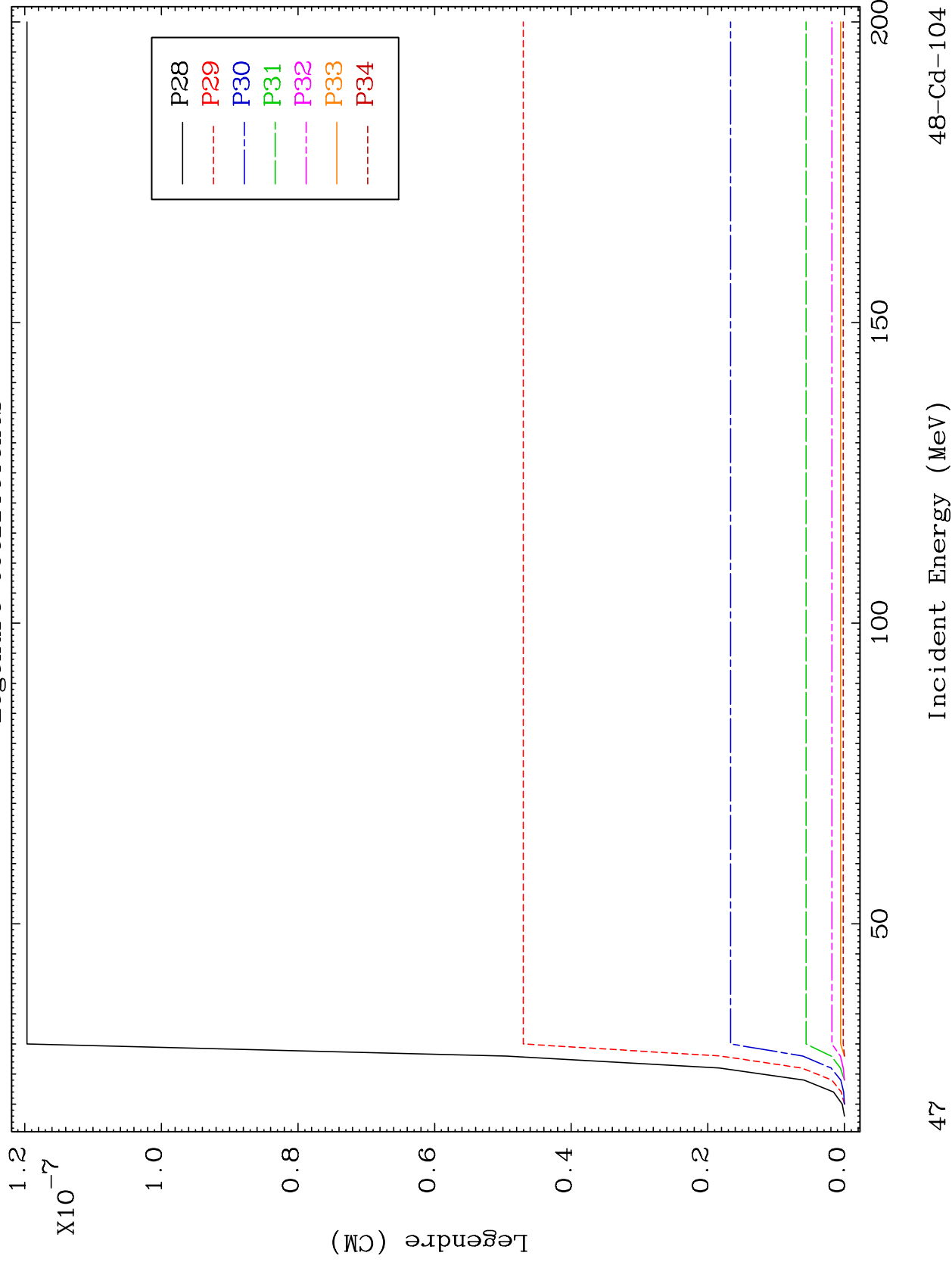
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MAT 4819

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

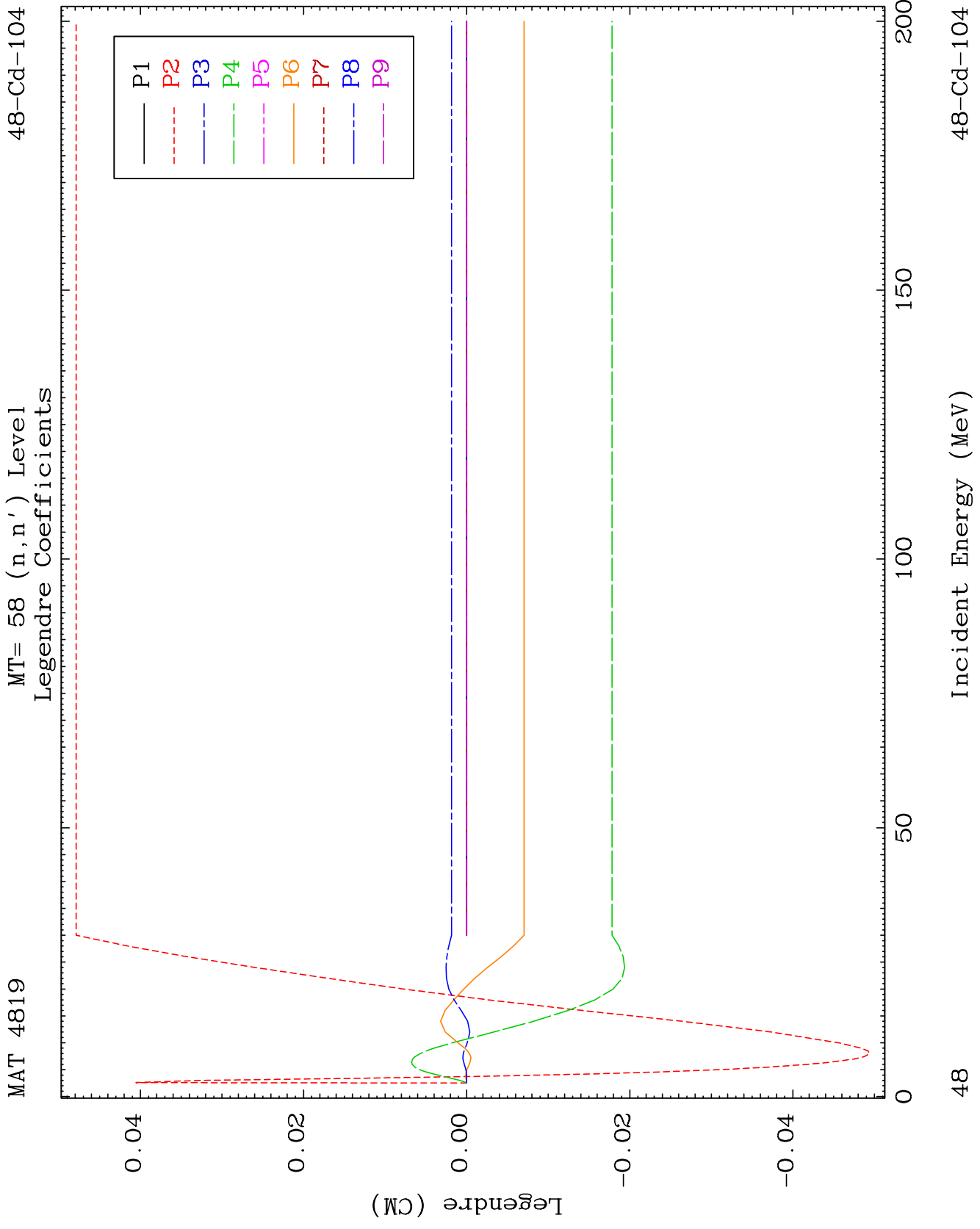
48-Cd-104



47

Incident Energy (MeV)

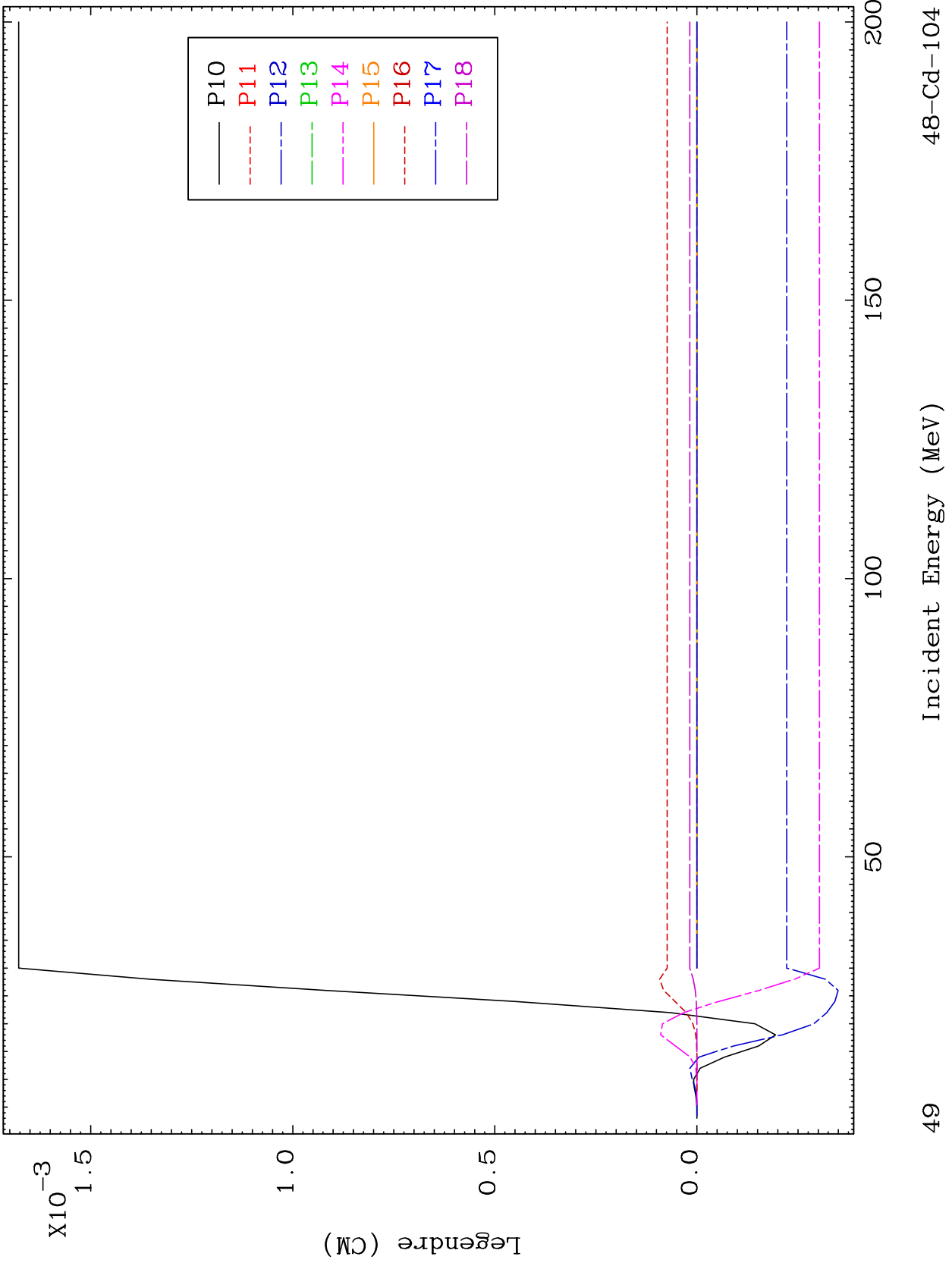
48-Cd-104



MAT 4819

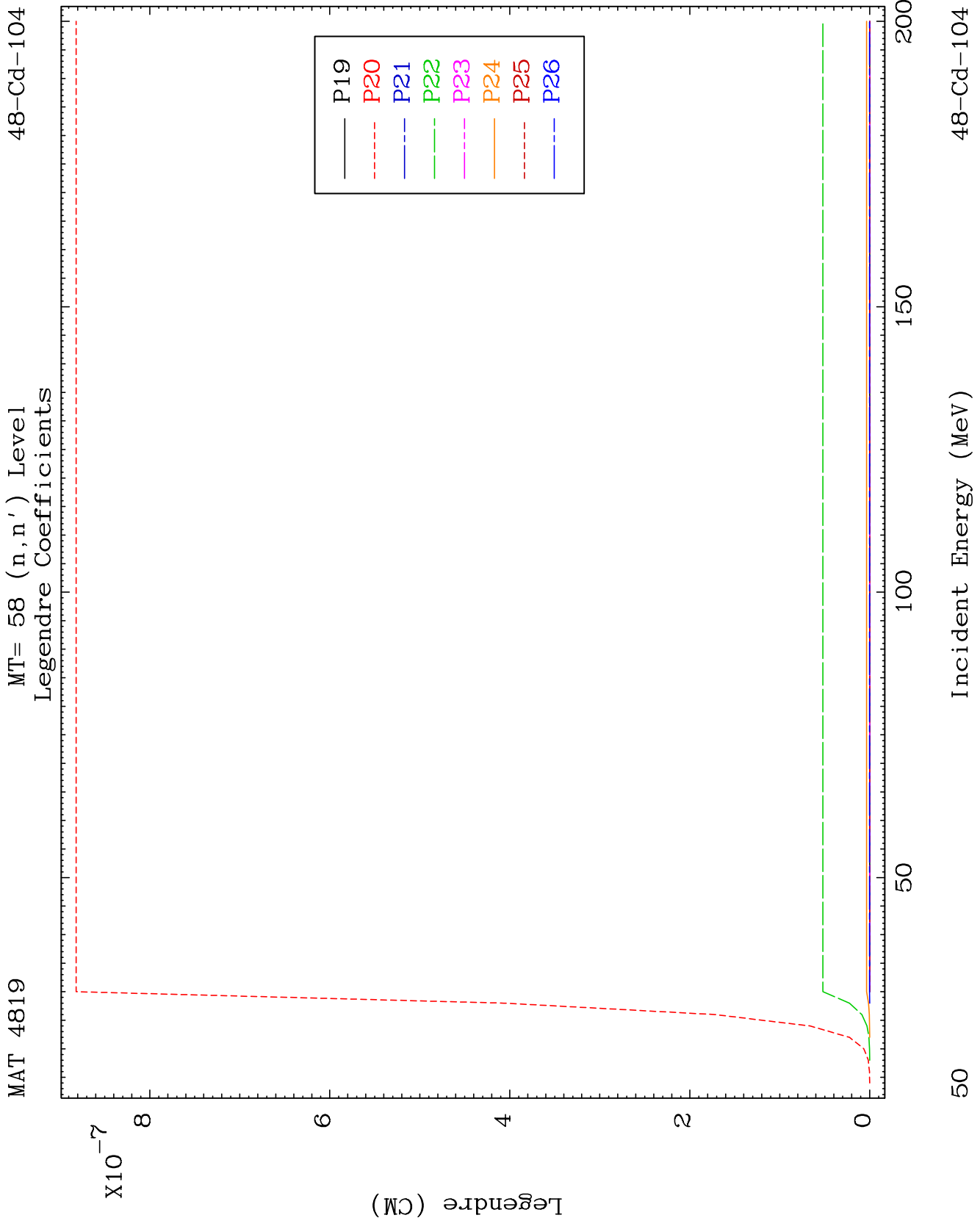
MT= 58 (n,n') Level
Legendre Coefficients

48-Cd-104



49

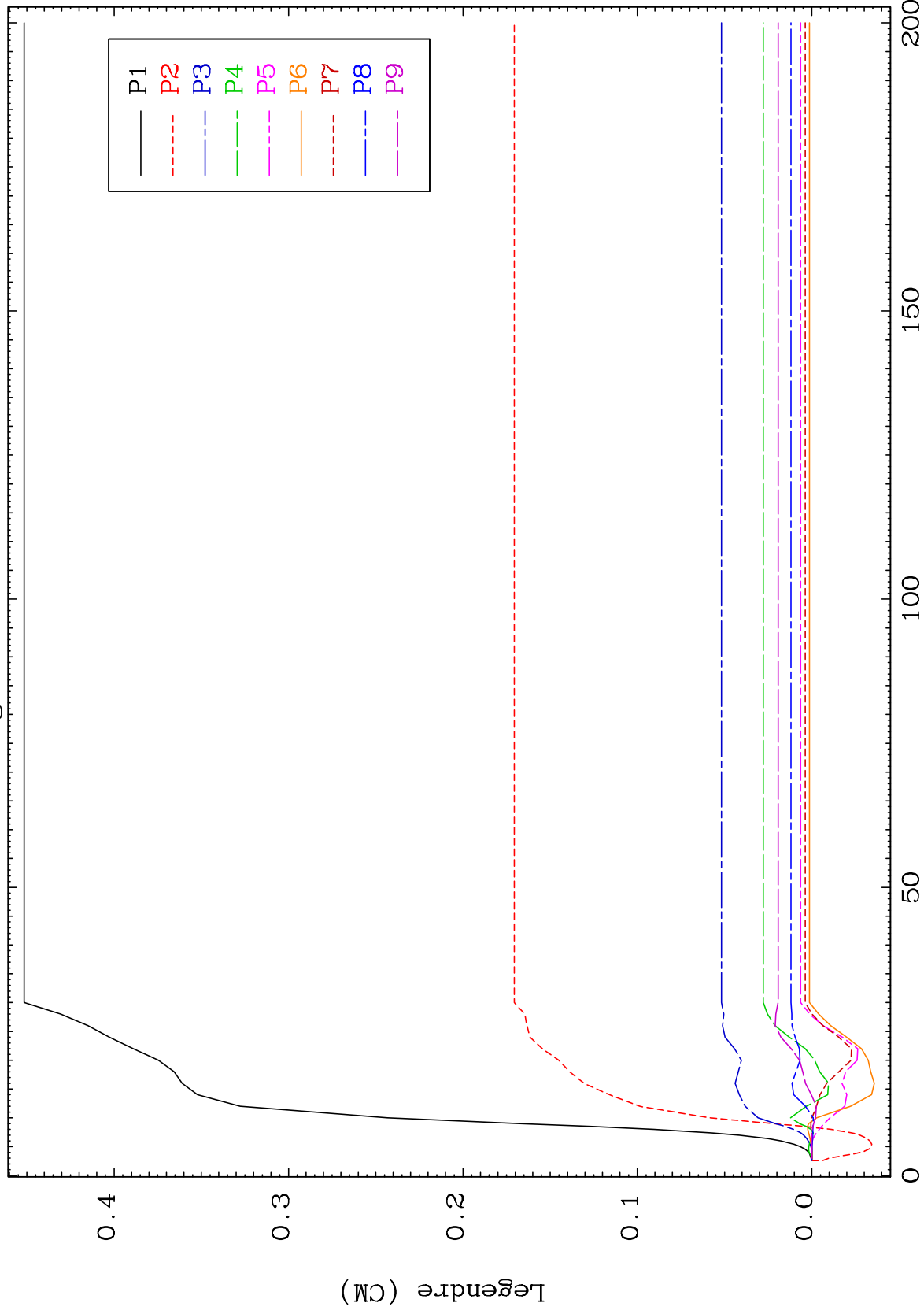
48-Cd-104



MAT 4819

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

48-Cd-104



51

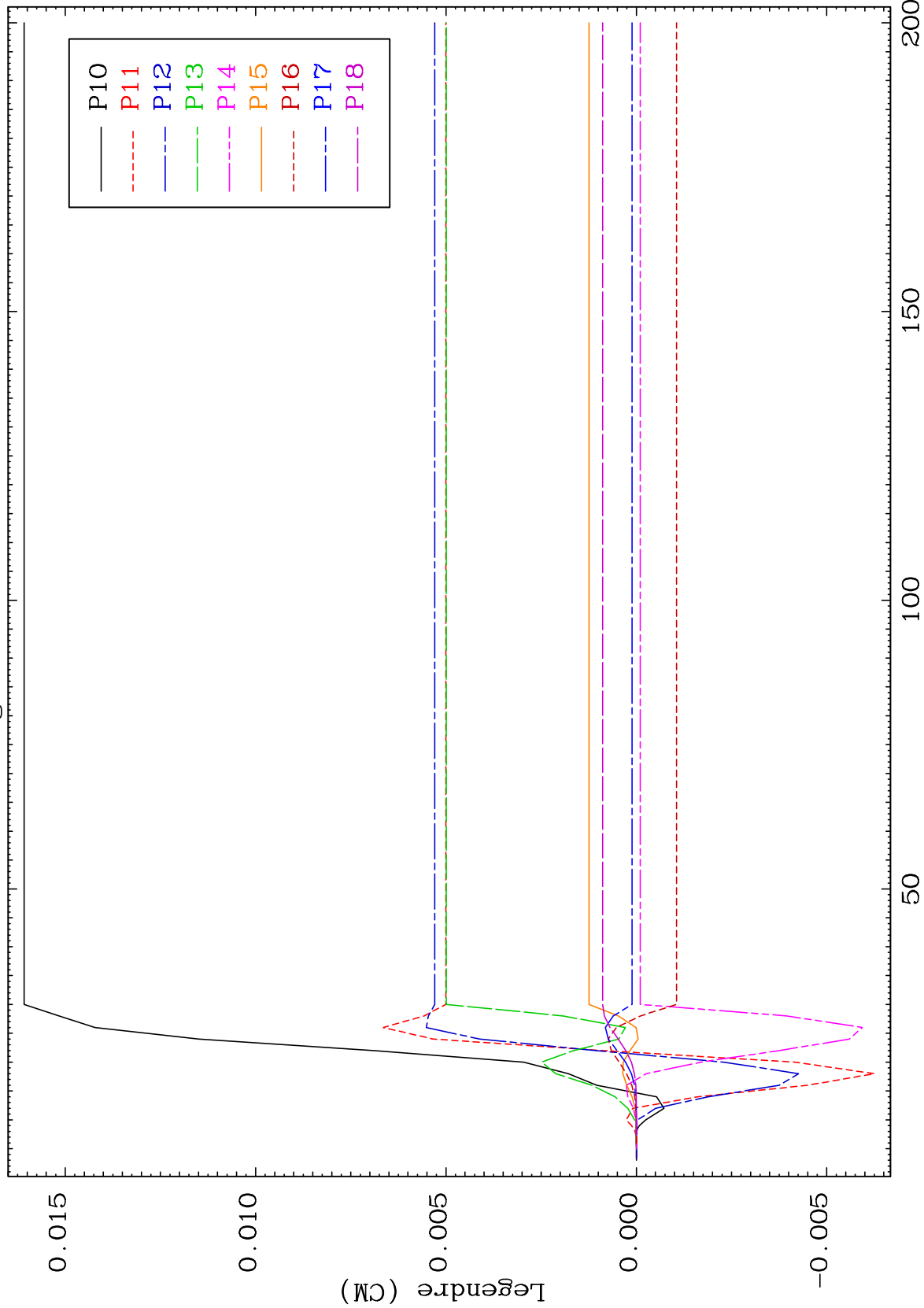
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



52

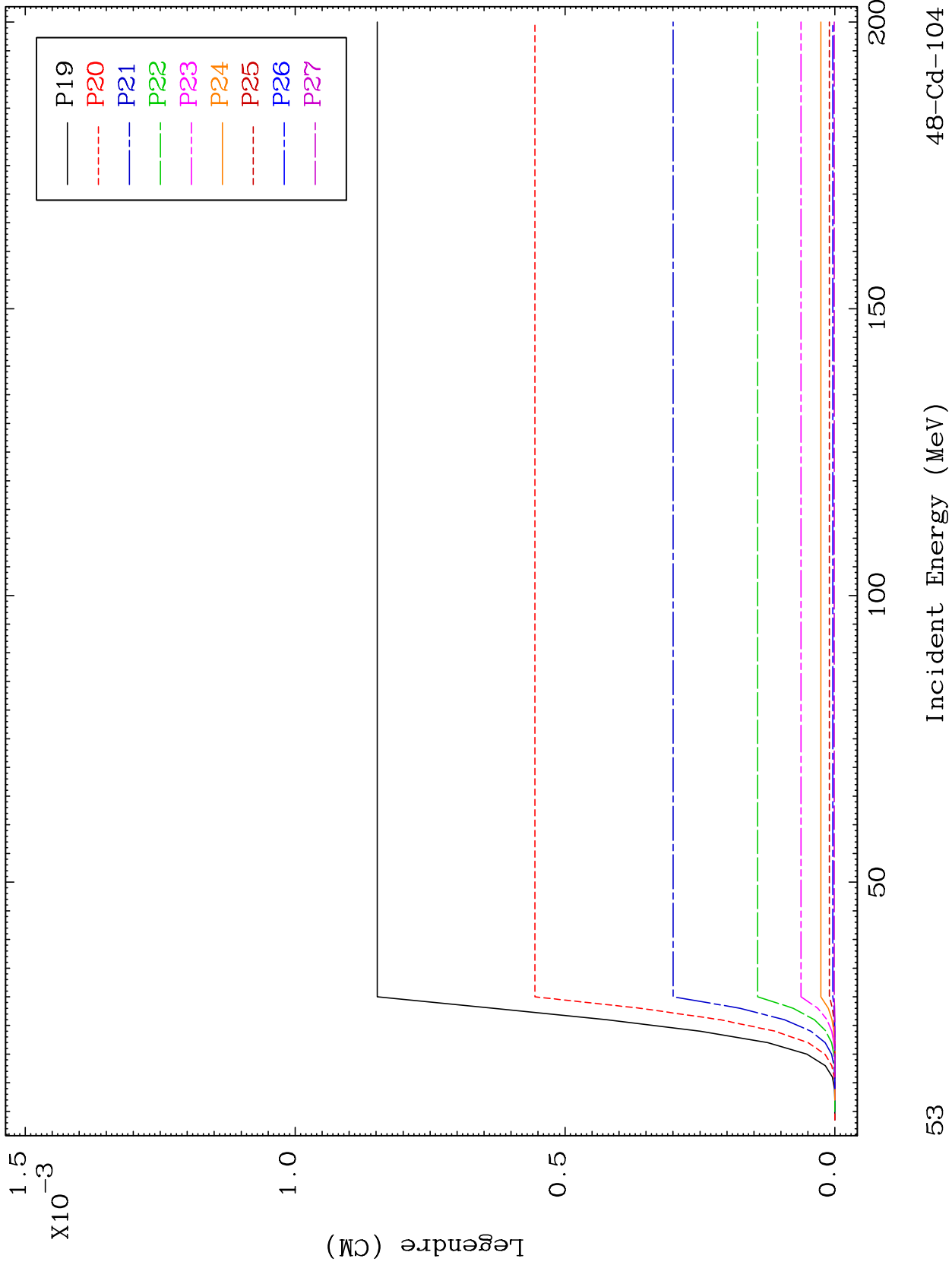
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



53

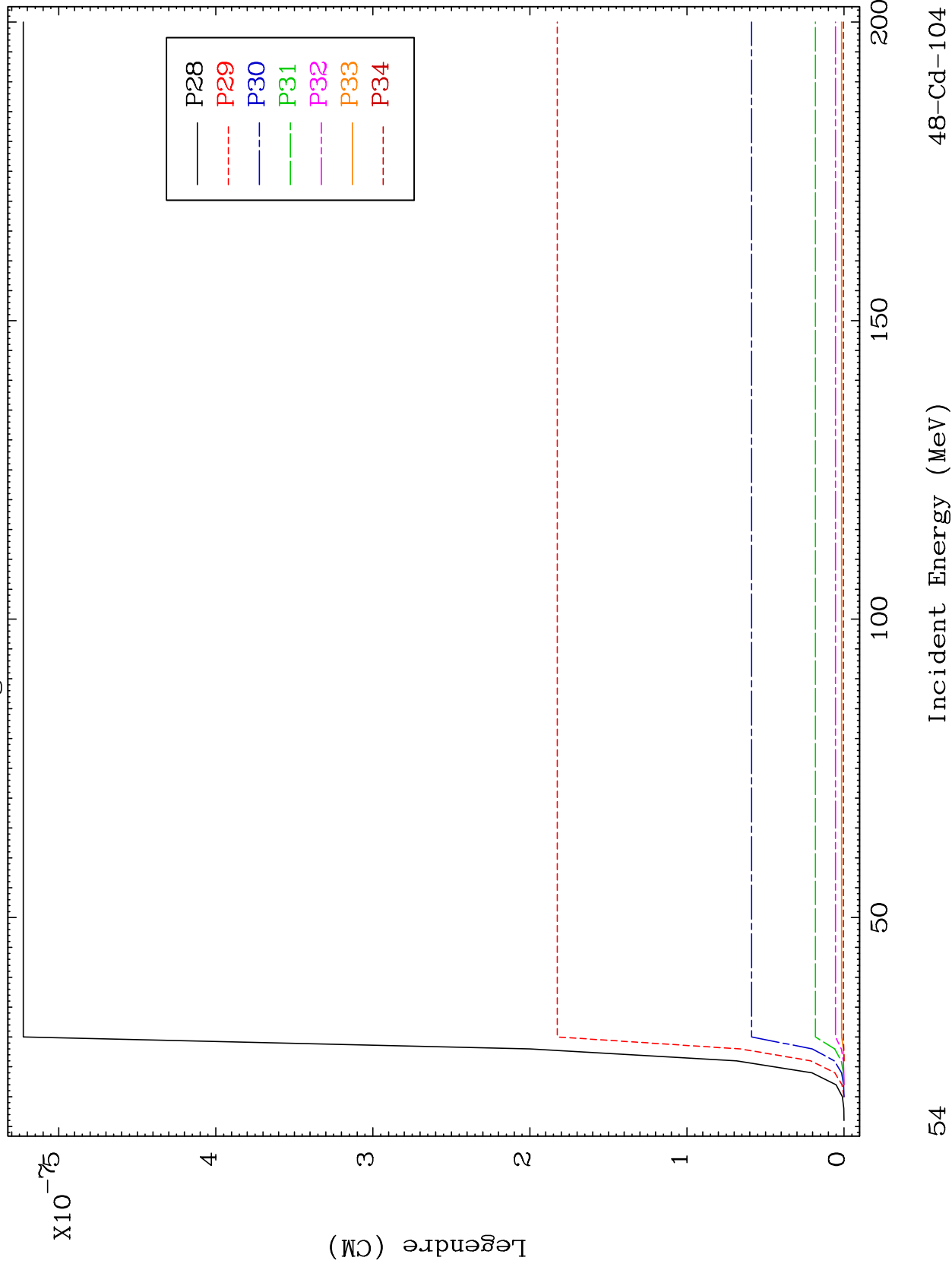
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



54

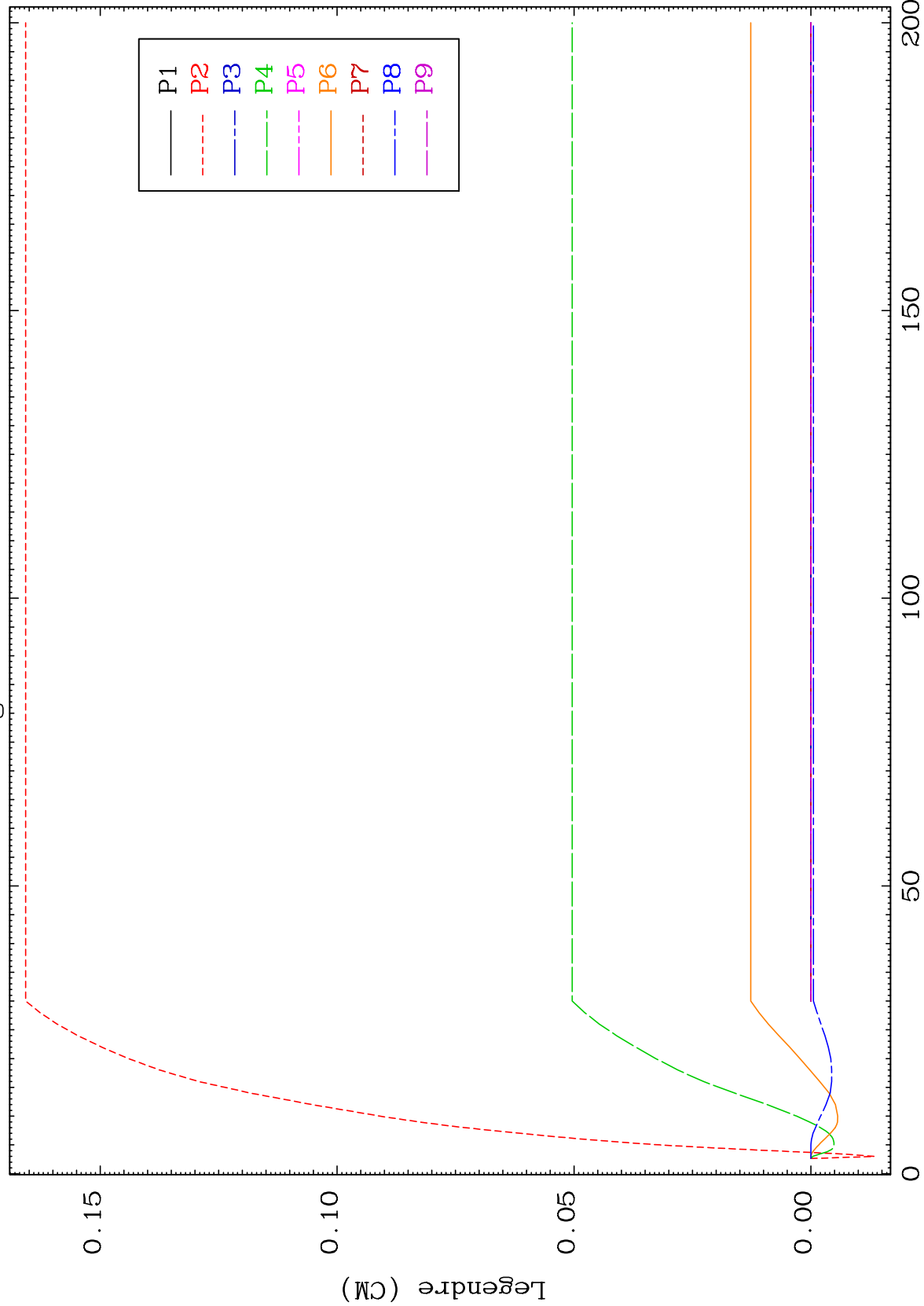
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

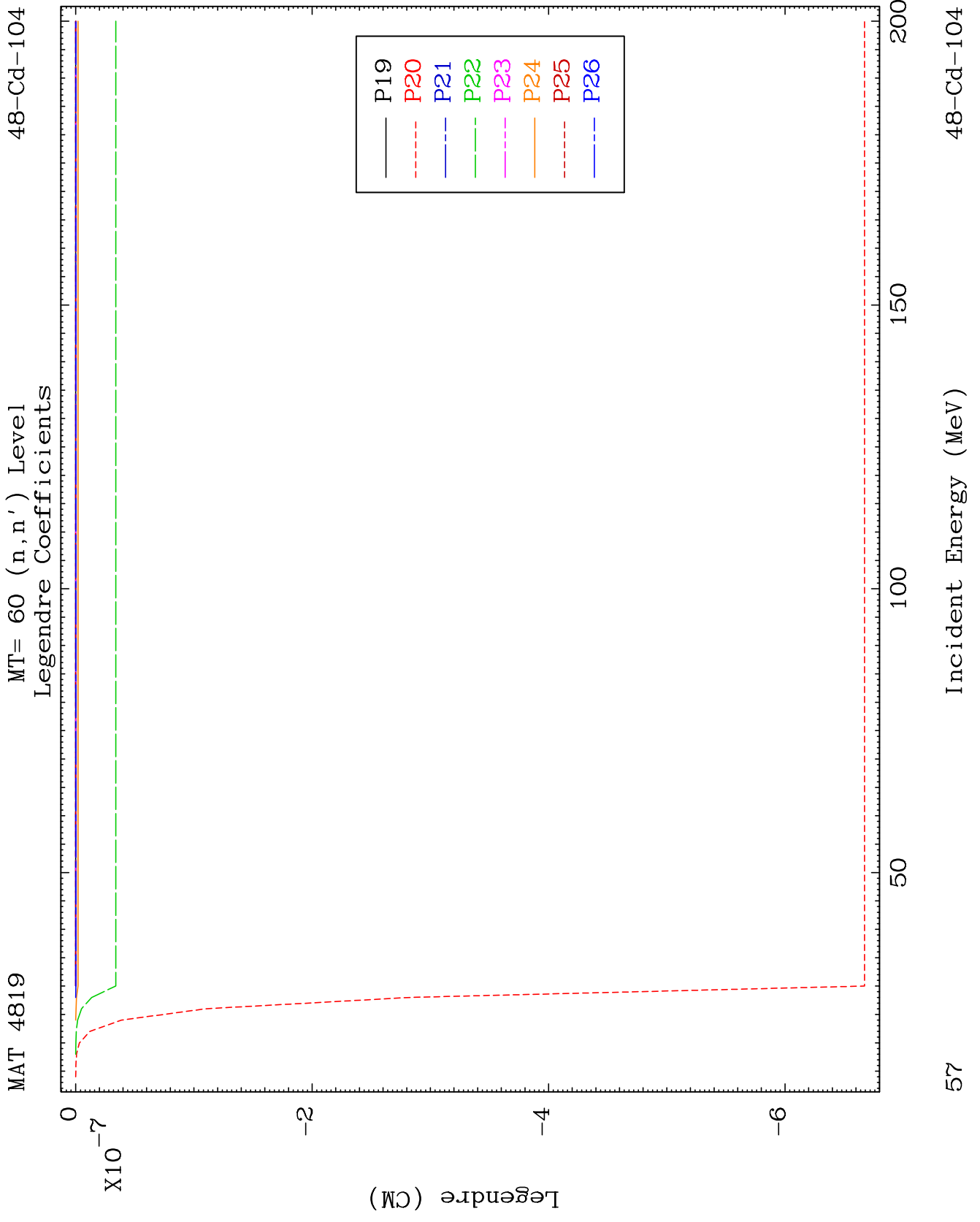
48-Cd-104

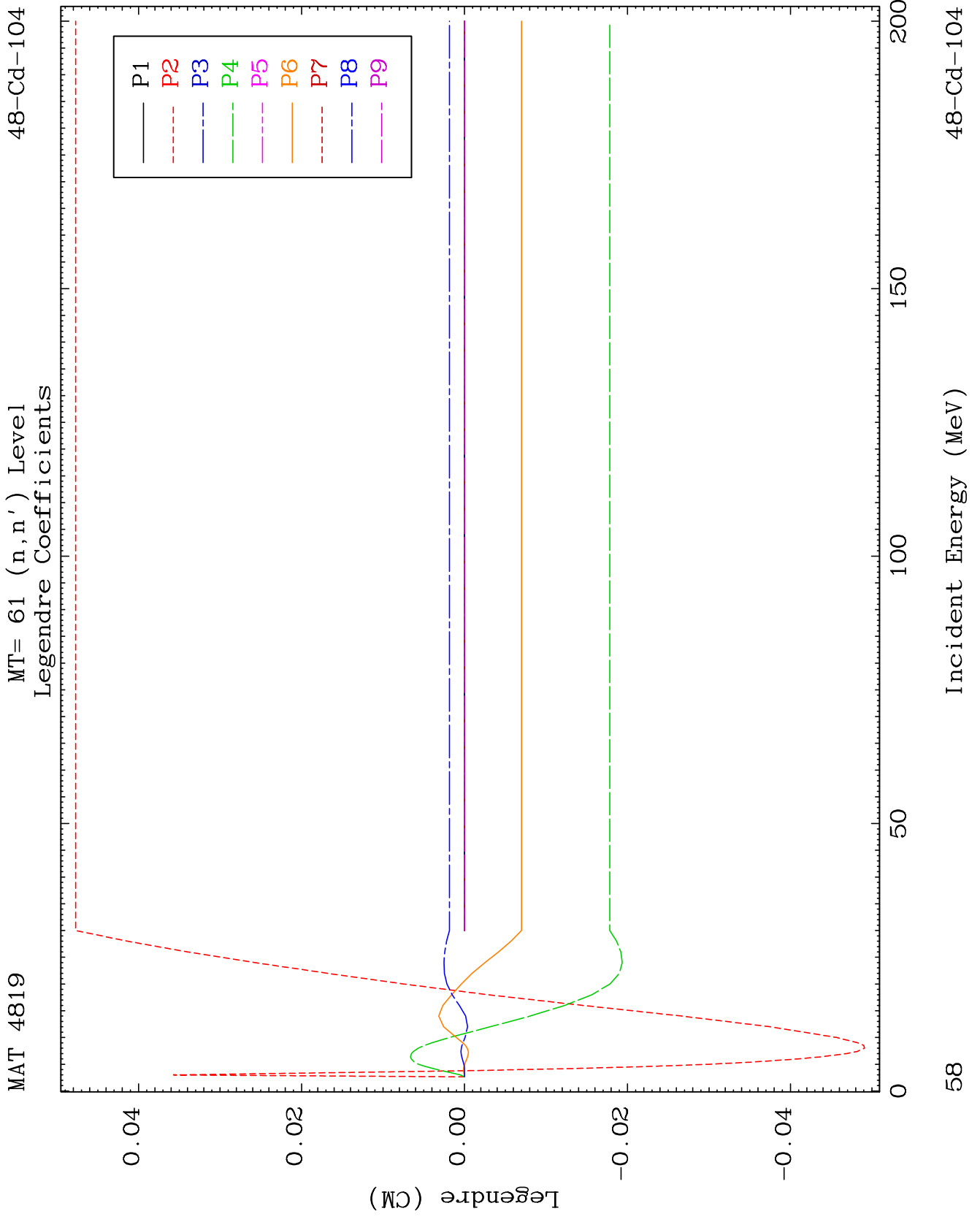


48-Cd-104

Incident Energy (MeV)

55

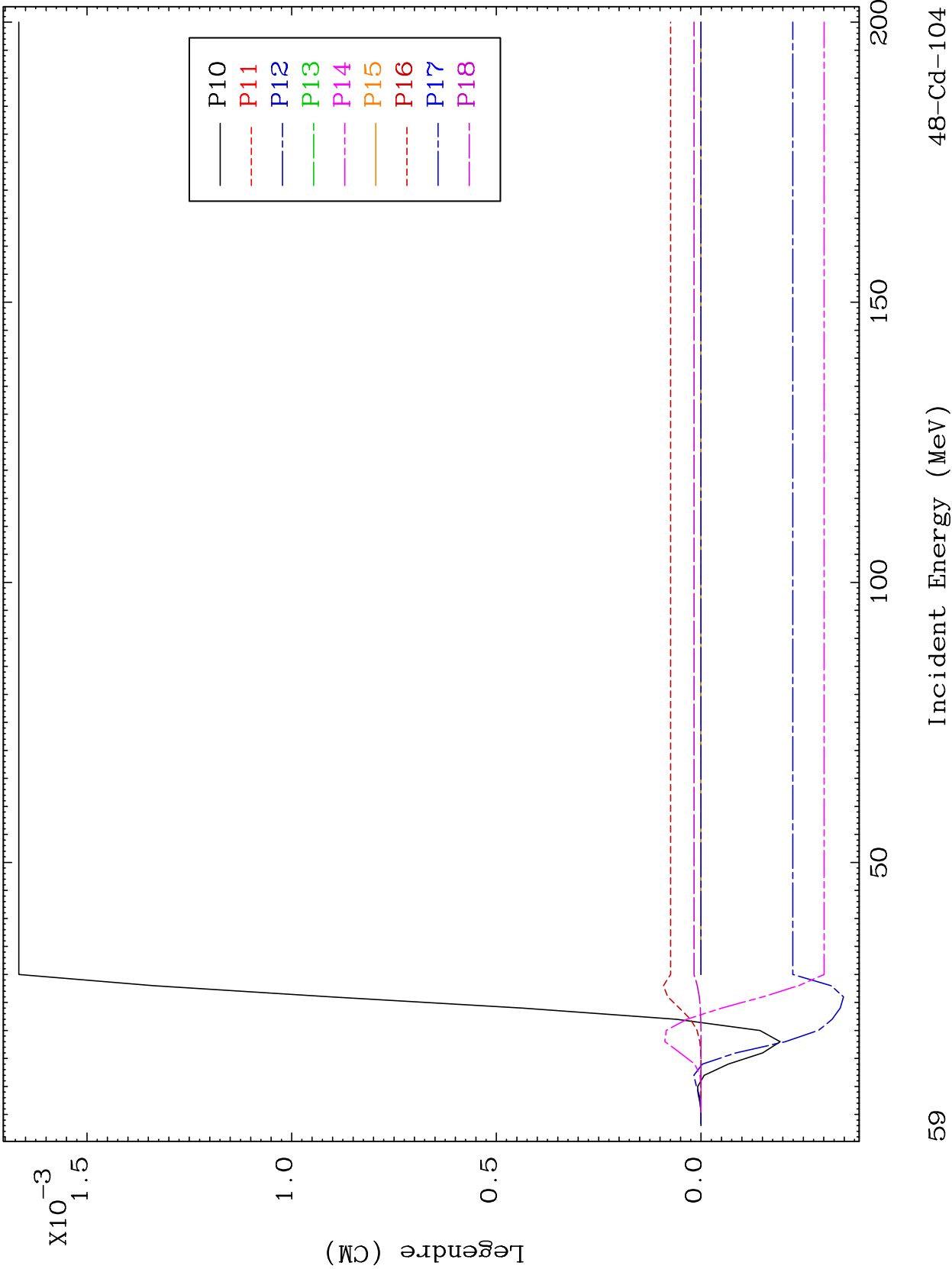




MAT 4819

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

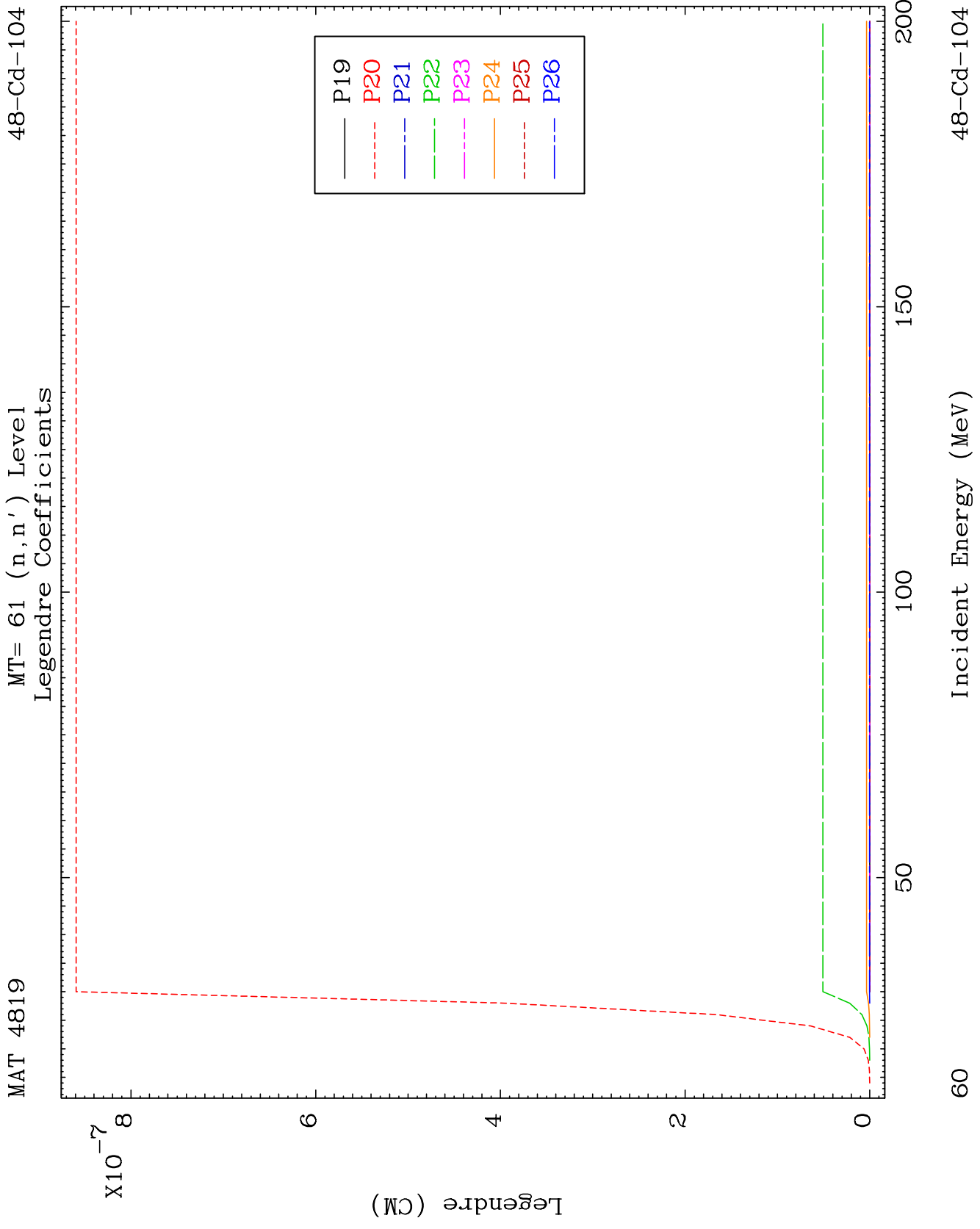
48-Cd-104



59

Incident Energy (MeV)

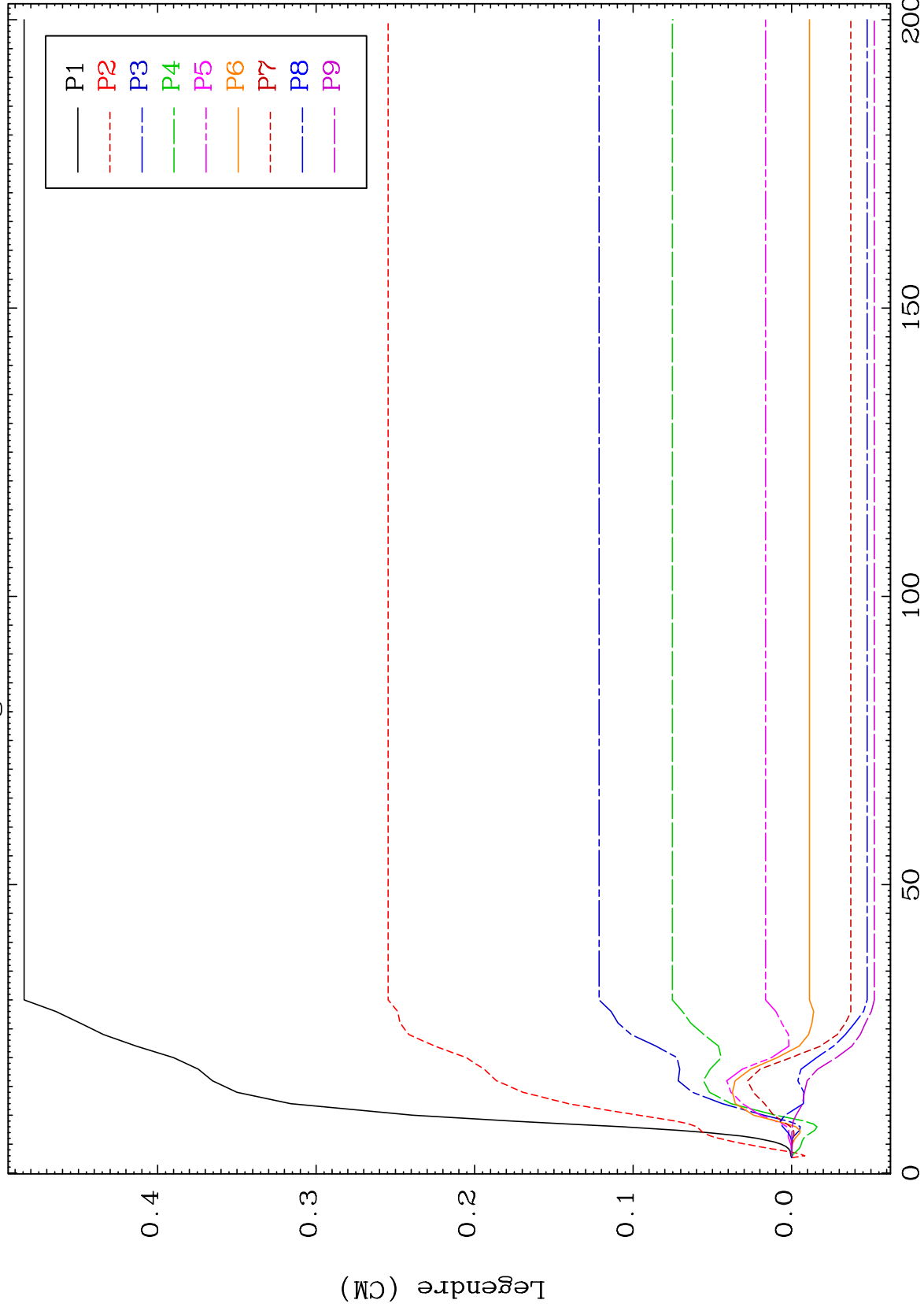
48-Cd-104



MAT 4819

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

48-Cd-104



61

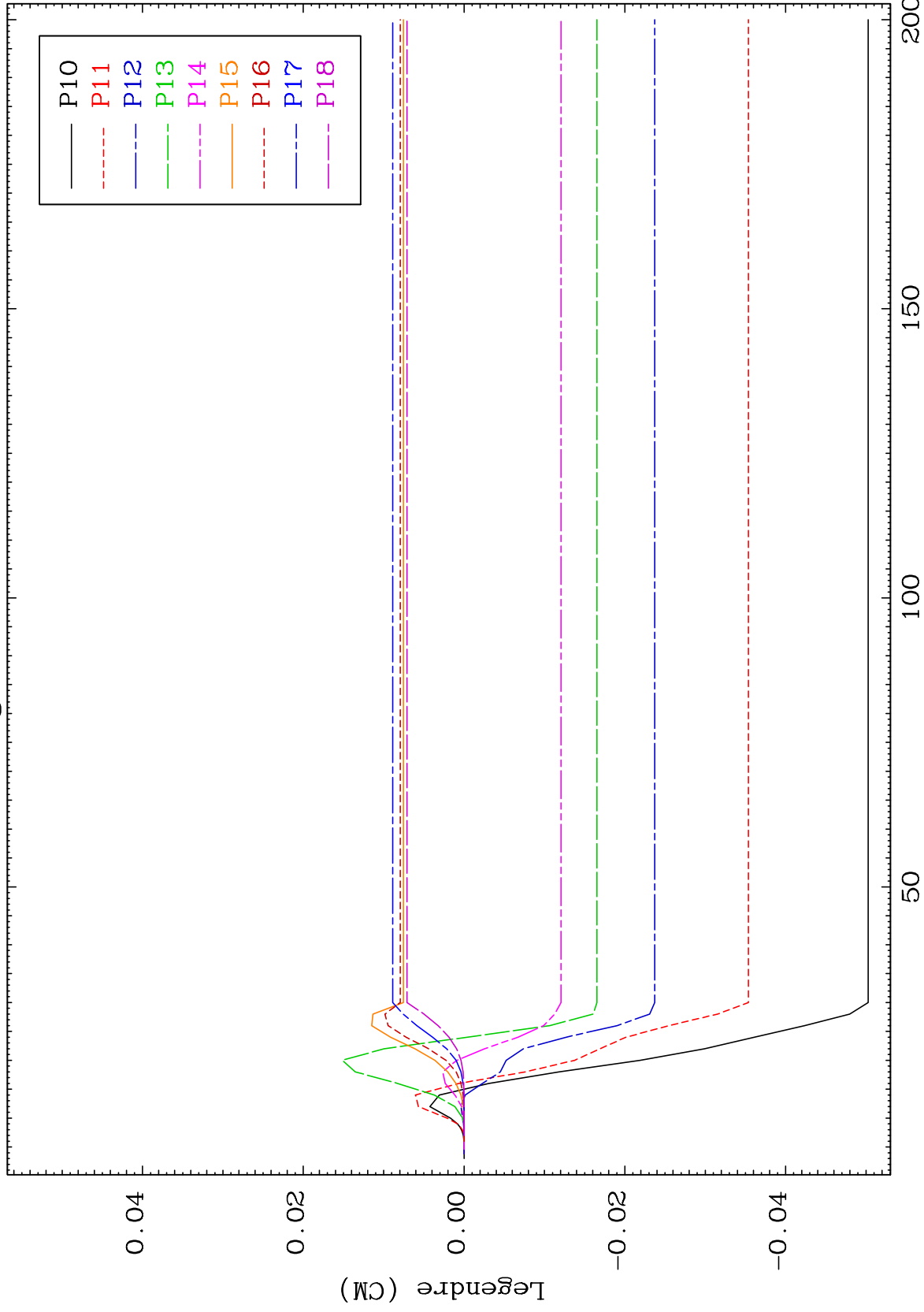
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



62

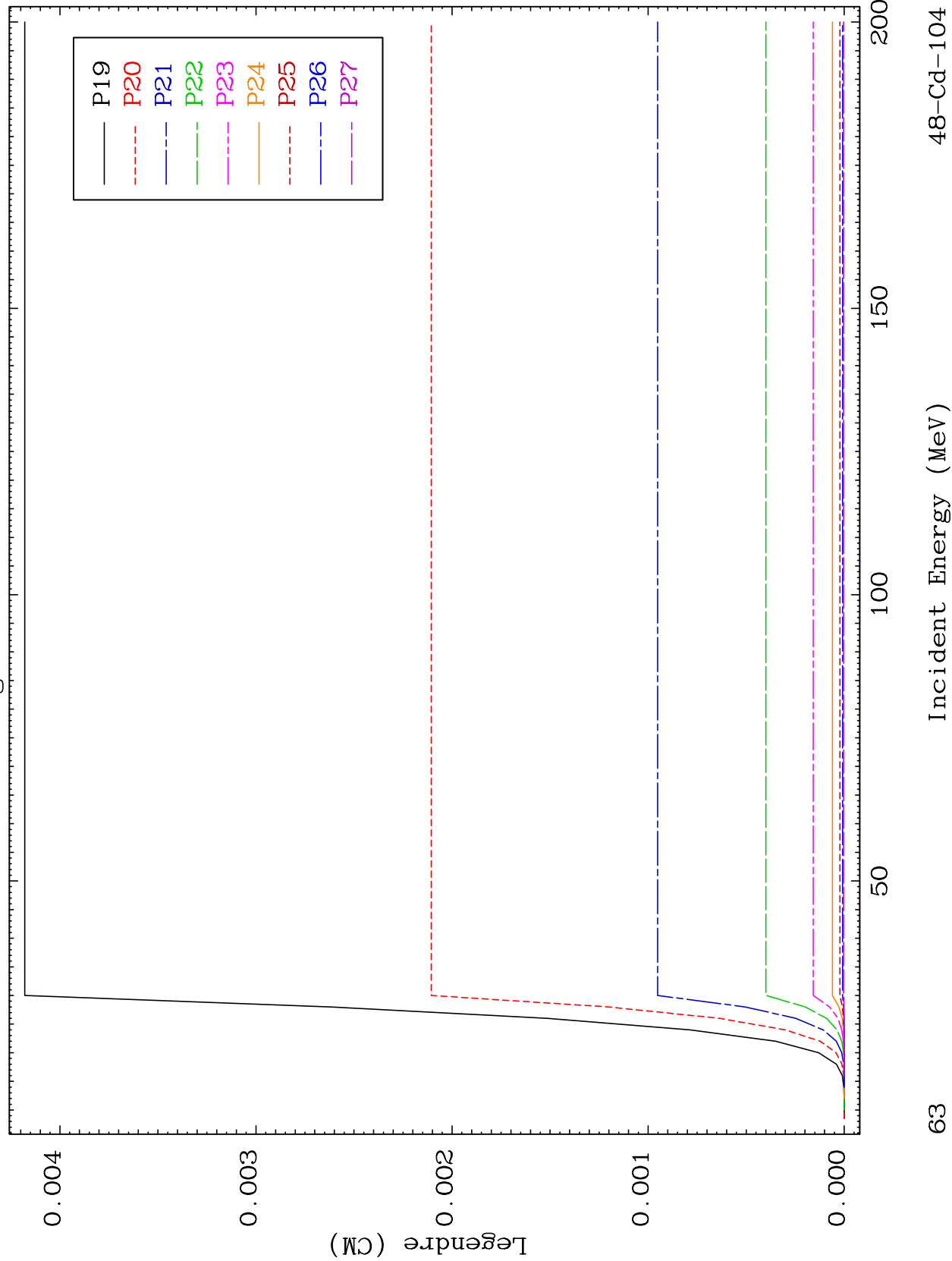
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



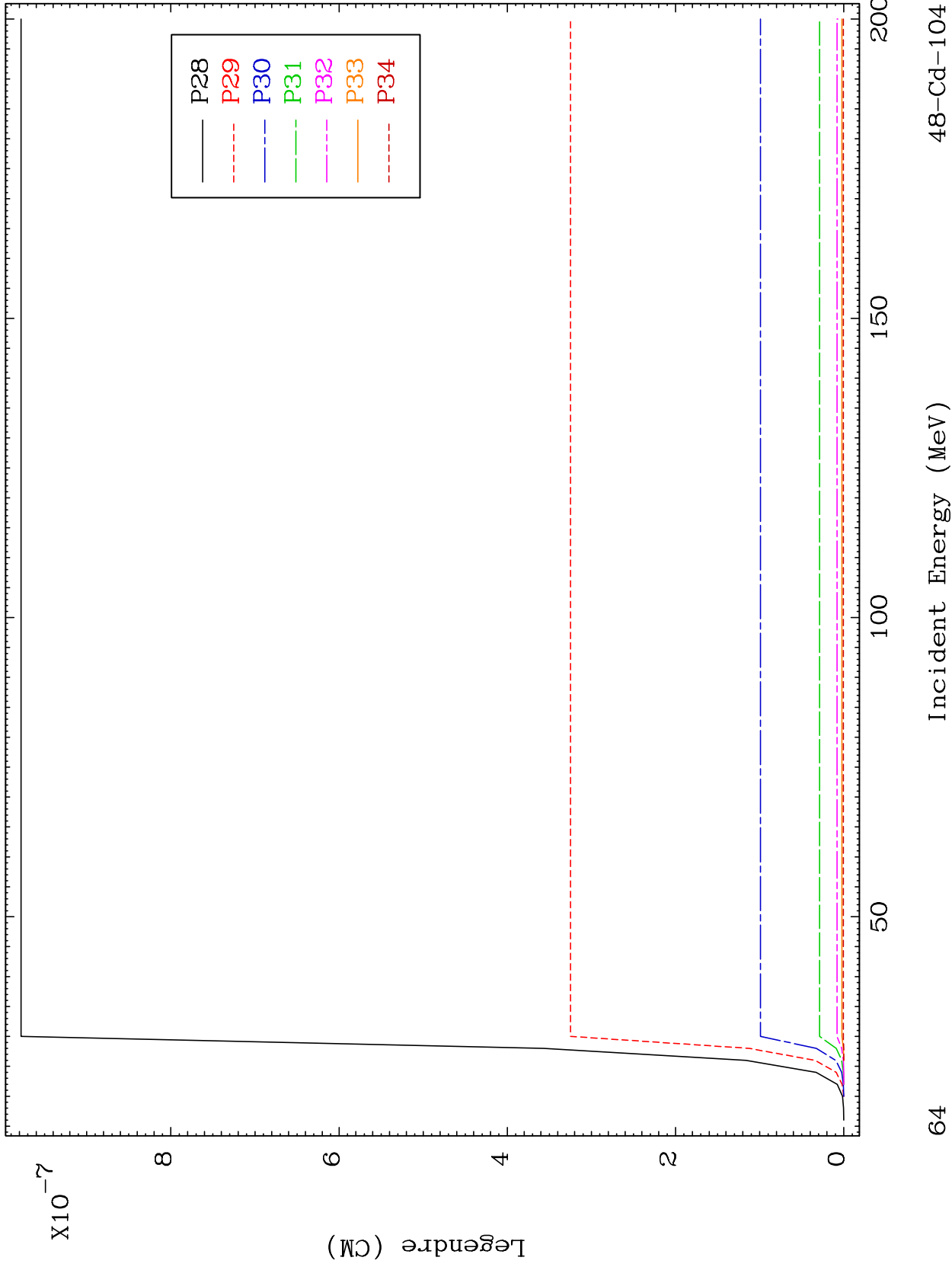
63

48-Cd-104

MAT 4819

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

48-Cd-104



64

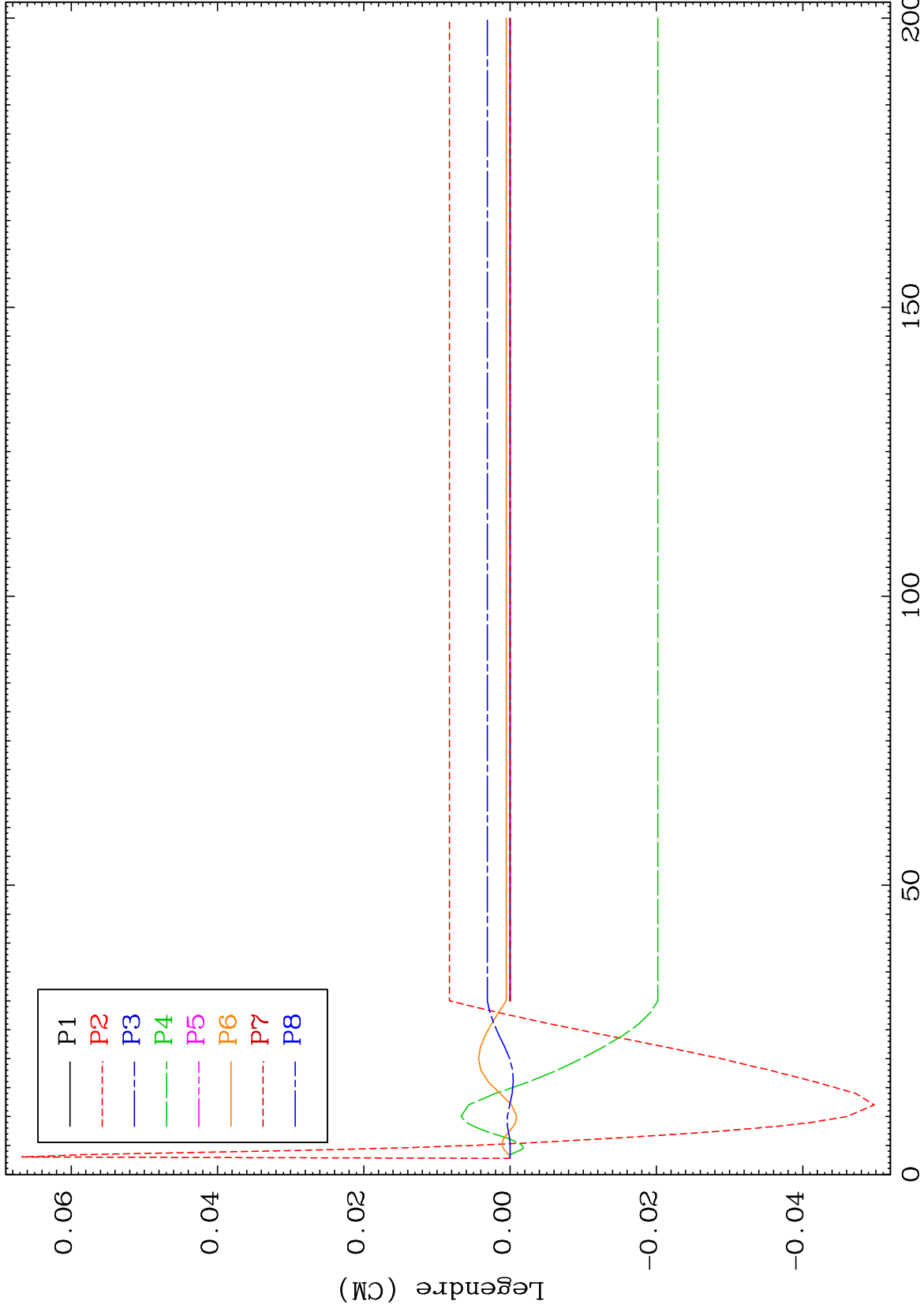
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



65

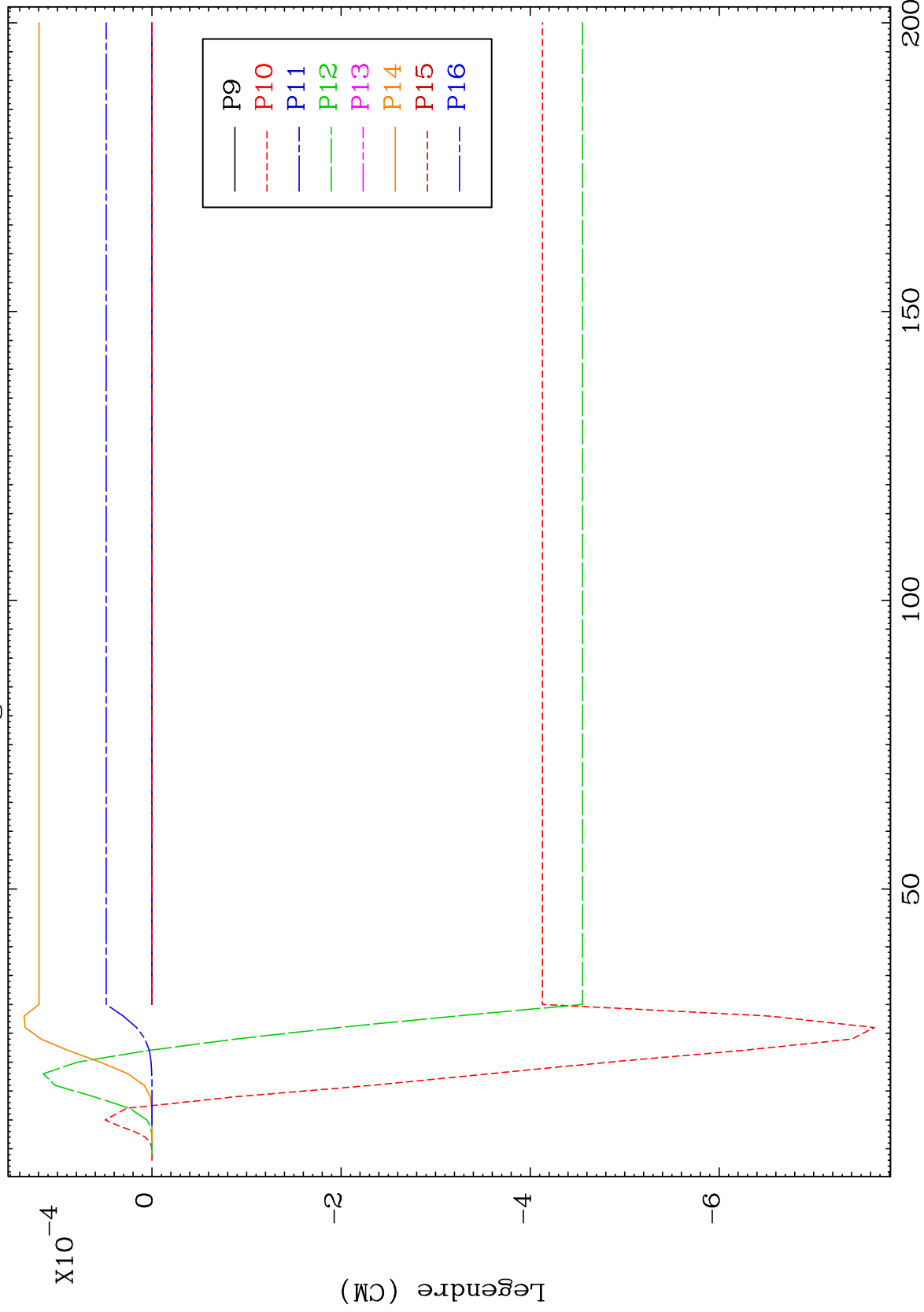
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



66

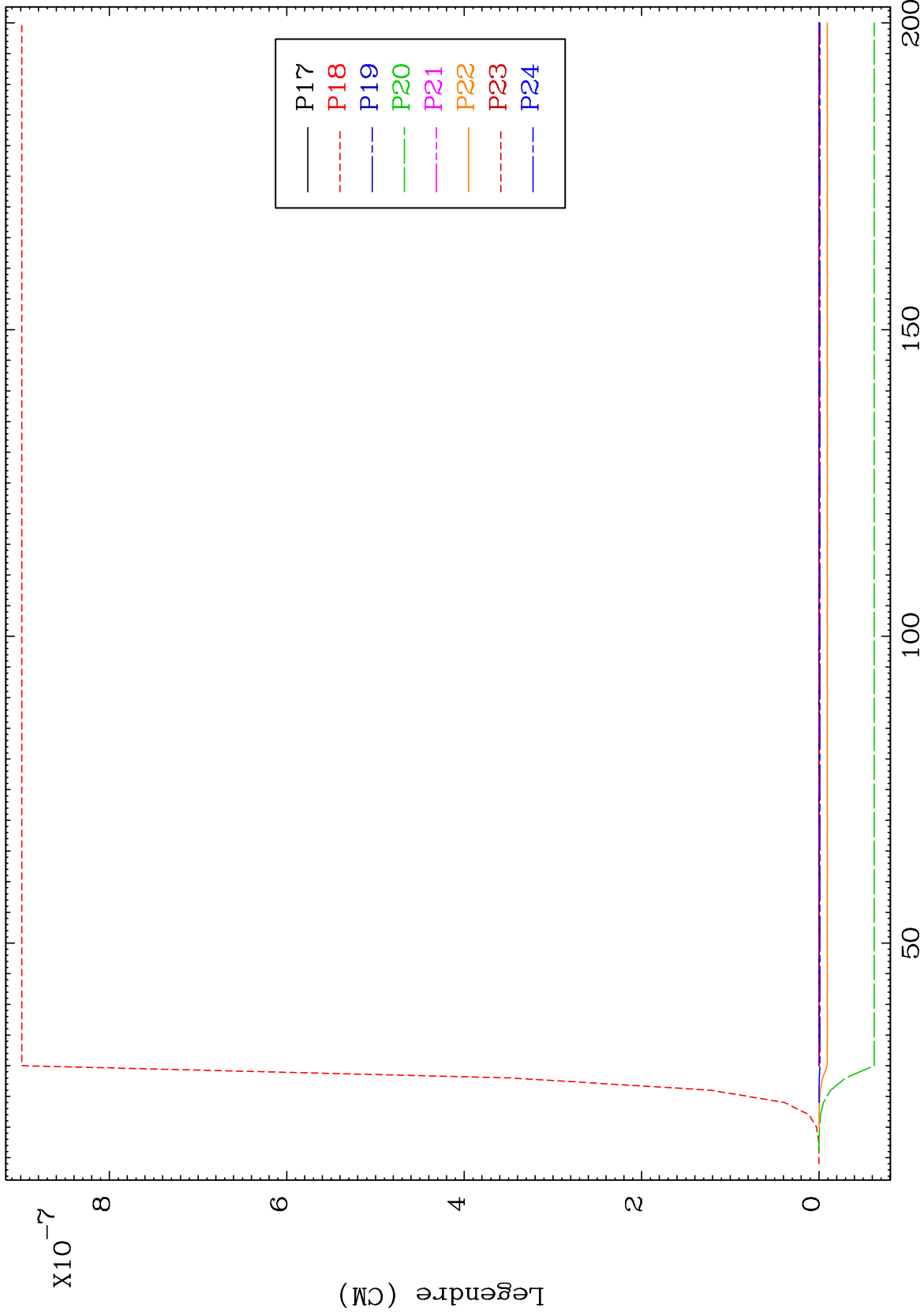
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



67

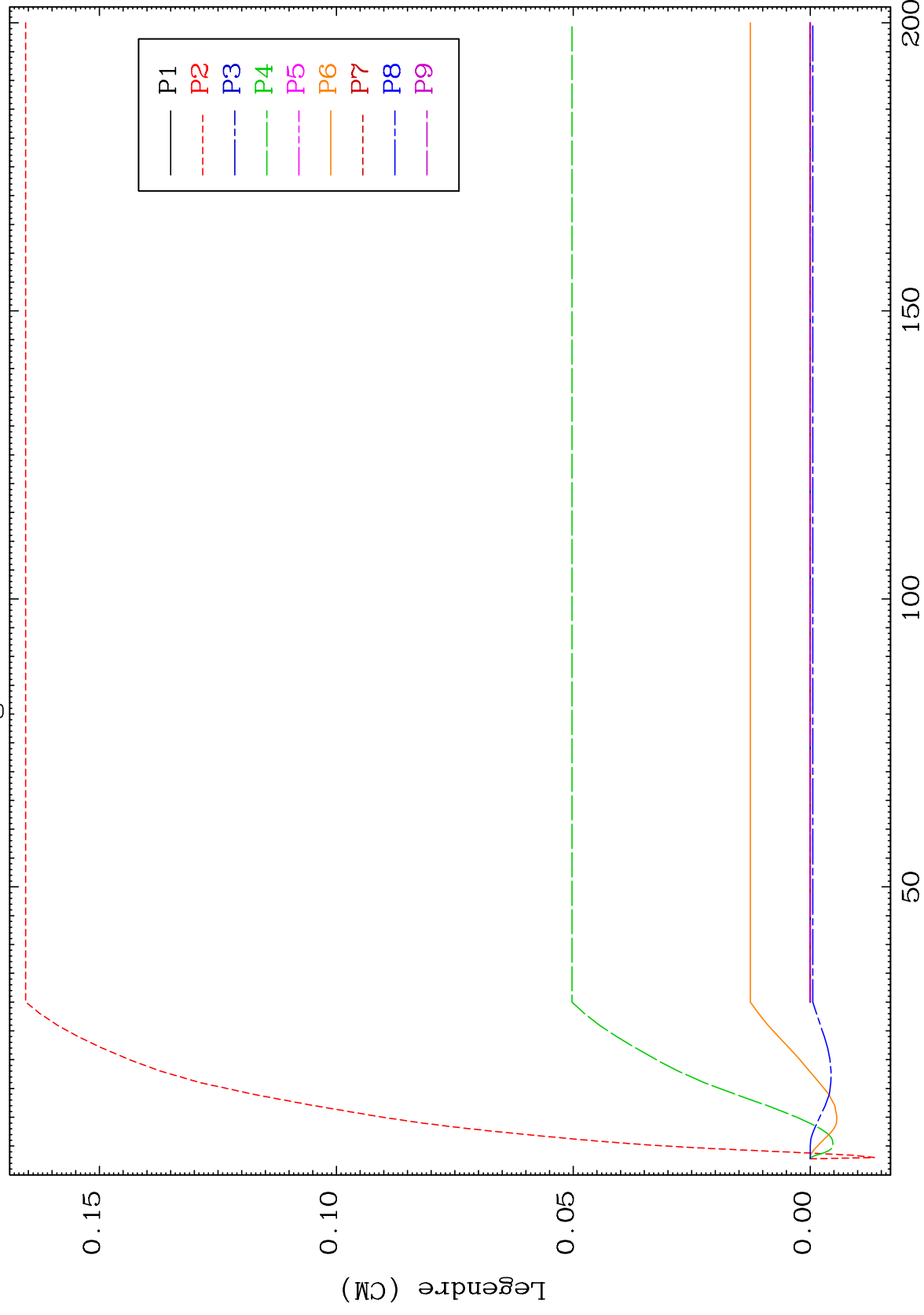
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

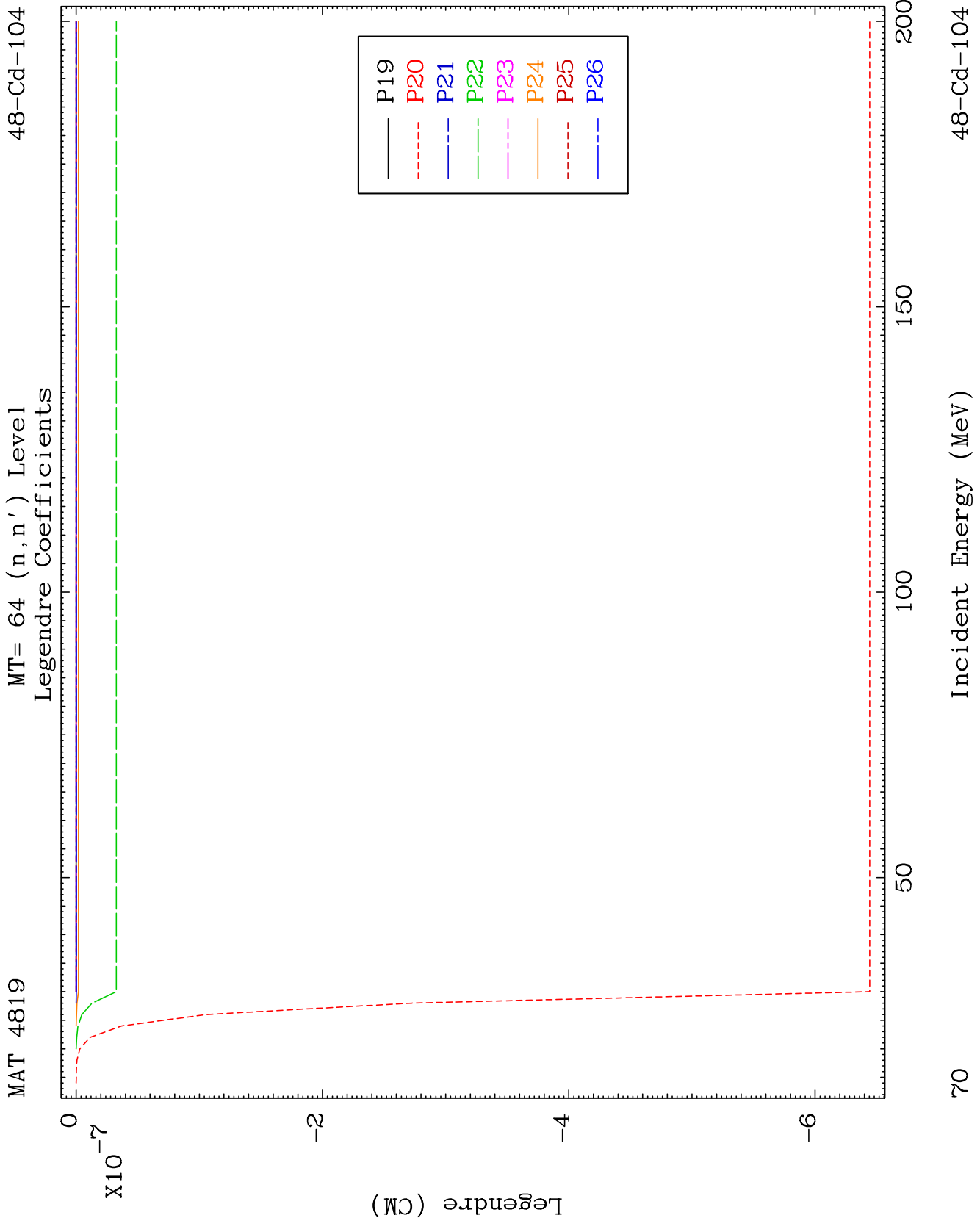
48-Cd-104



68

Incident Energy (MeV)

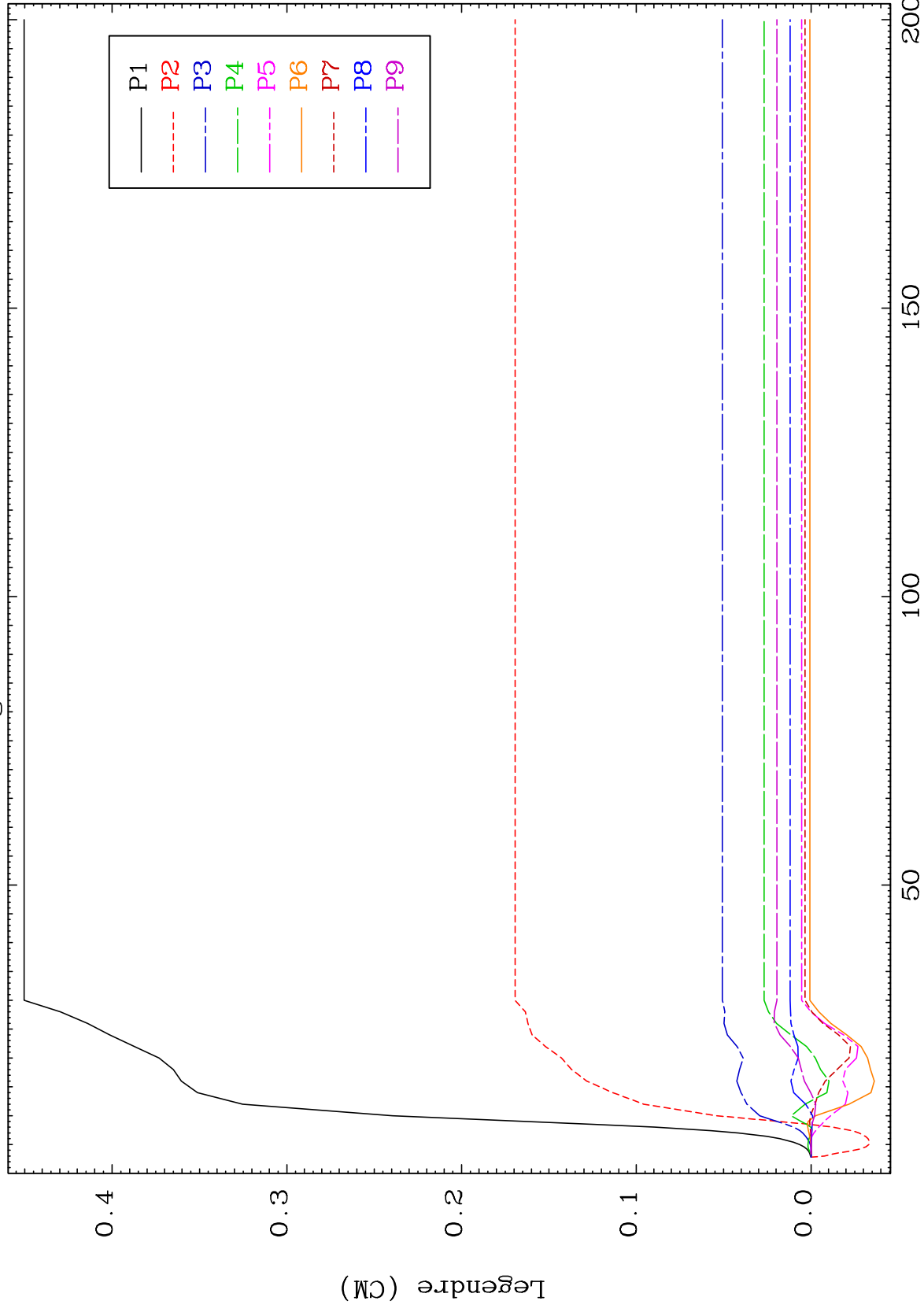
48-Cd-104



MAT 4819

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

48-Cd-104



71

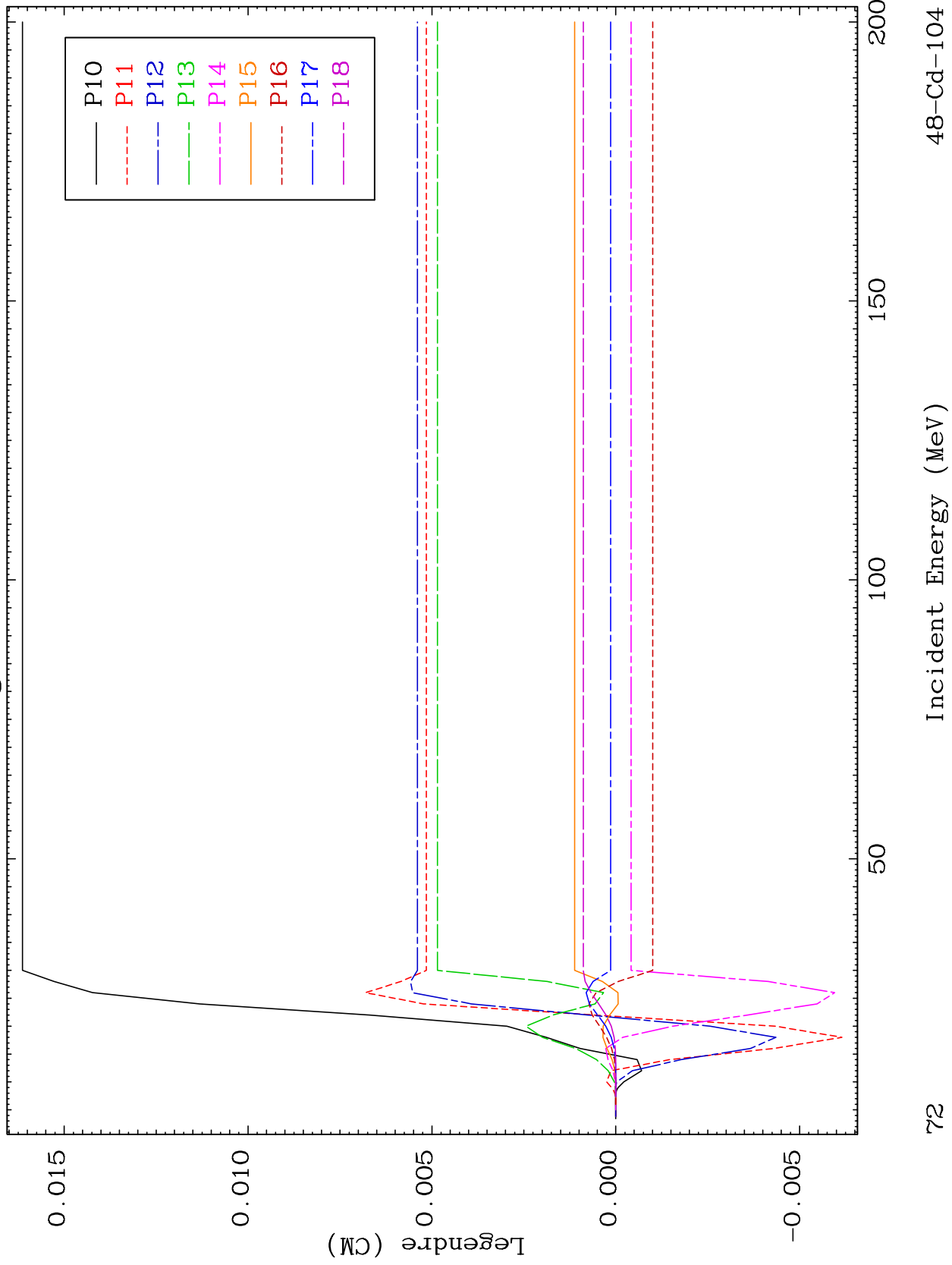
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



72

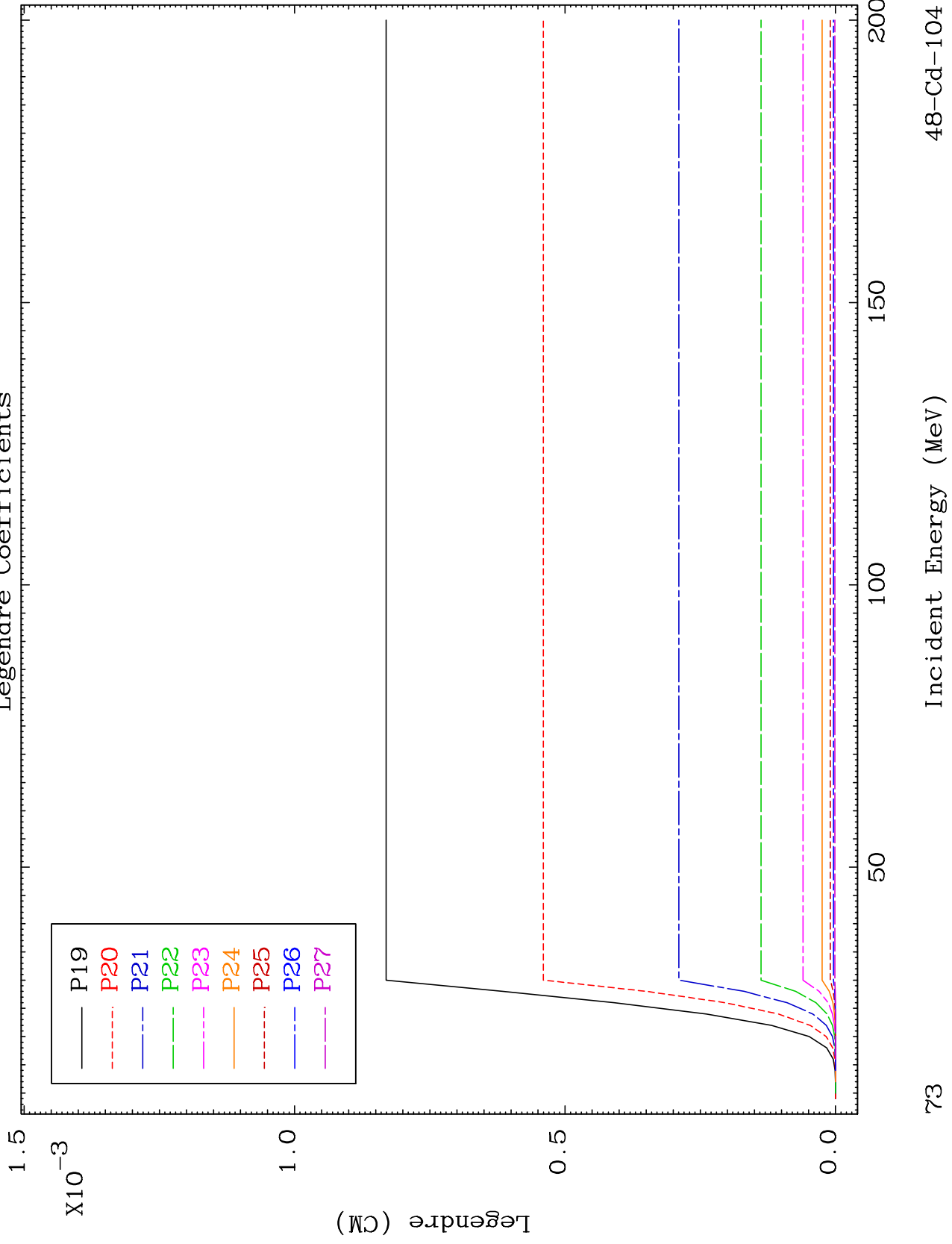
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

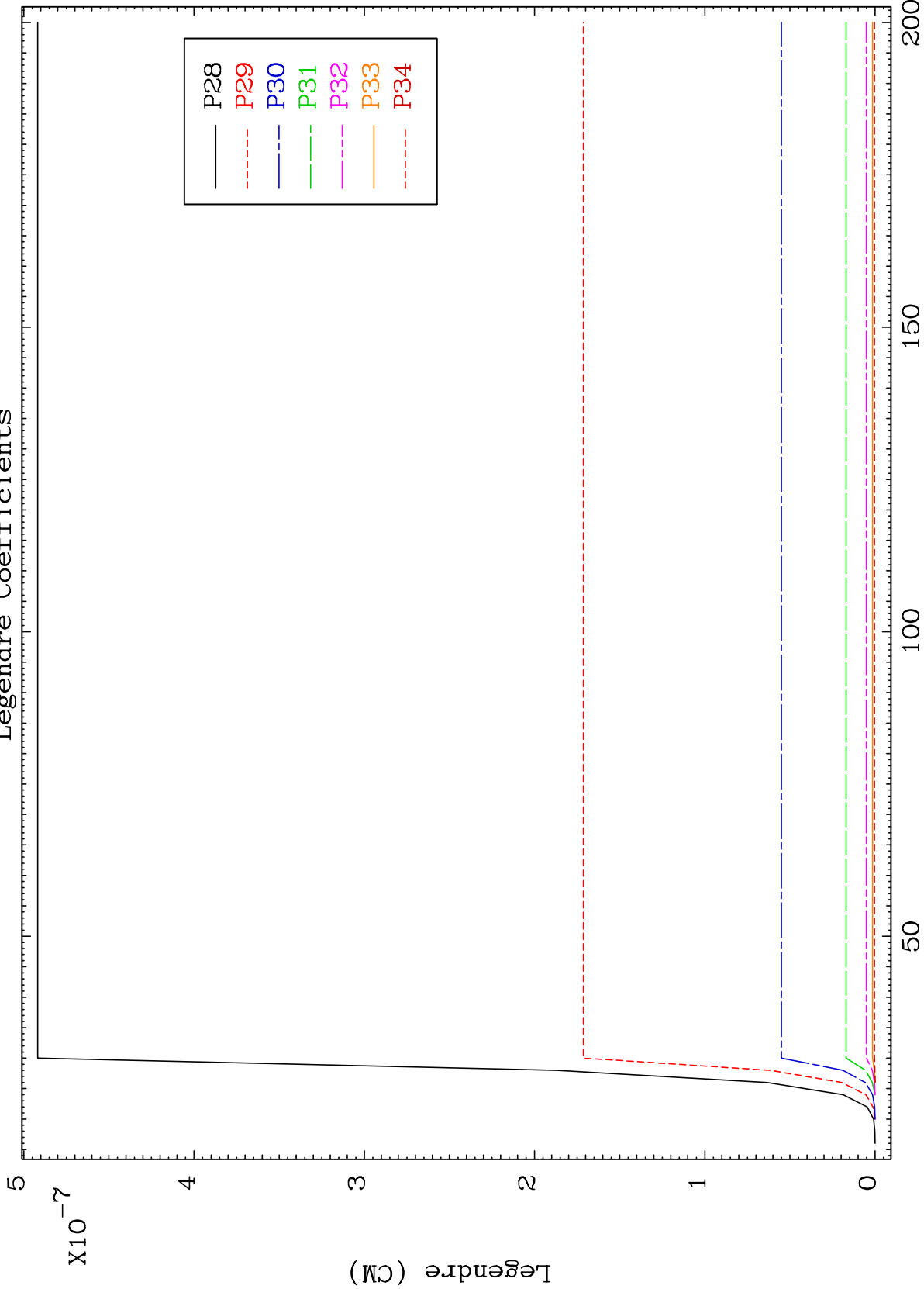
48-Cd-104



MAT 4819

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

48-Cd-104



74

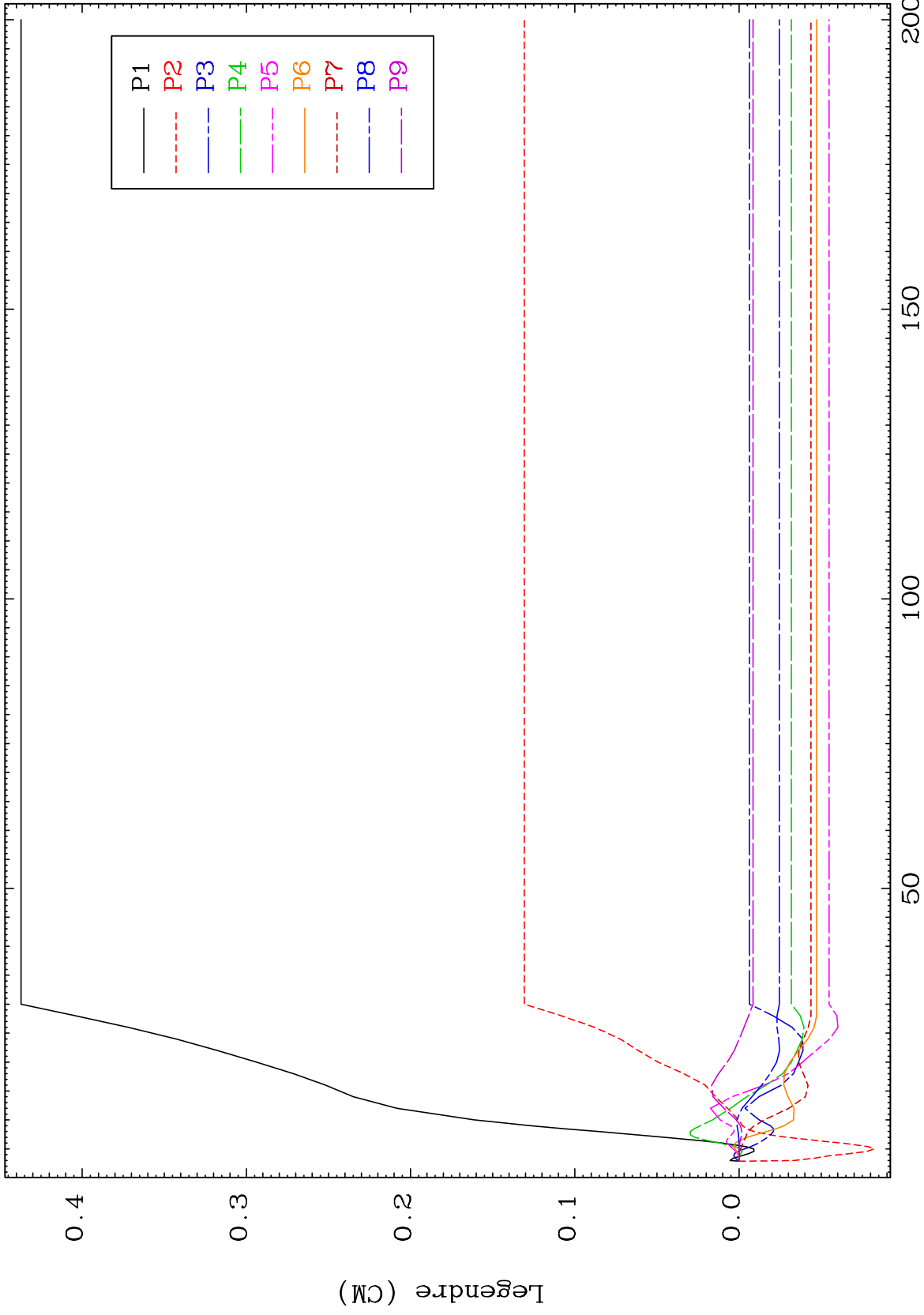
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



75

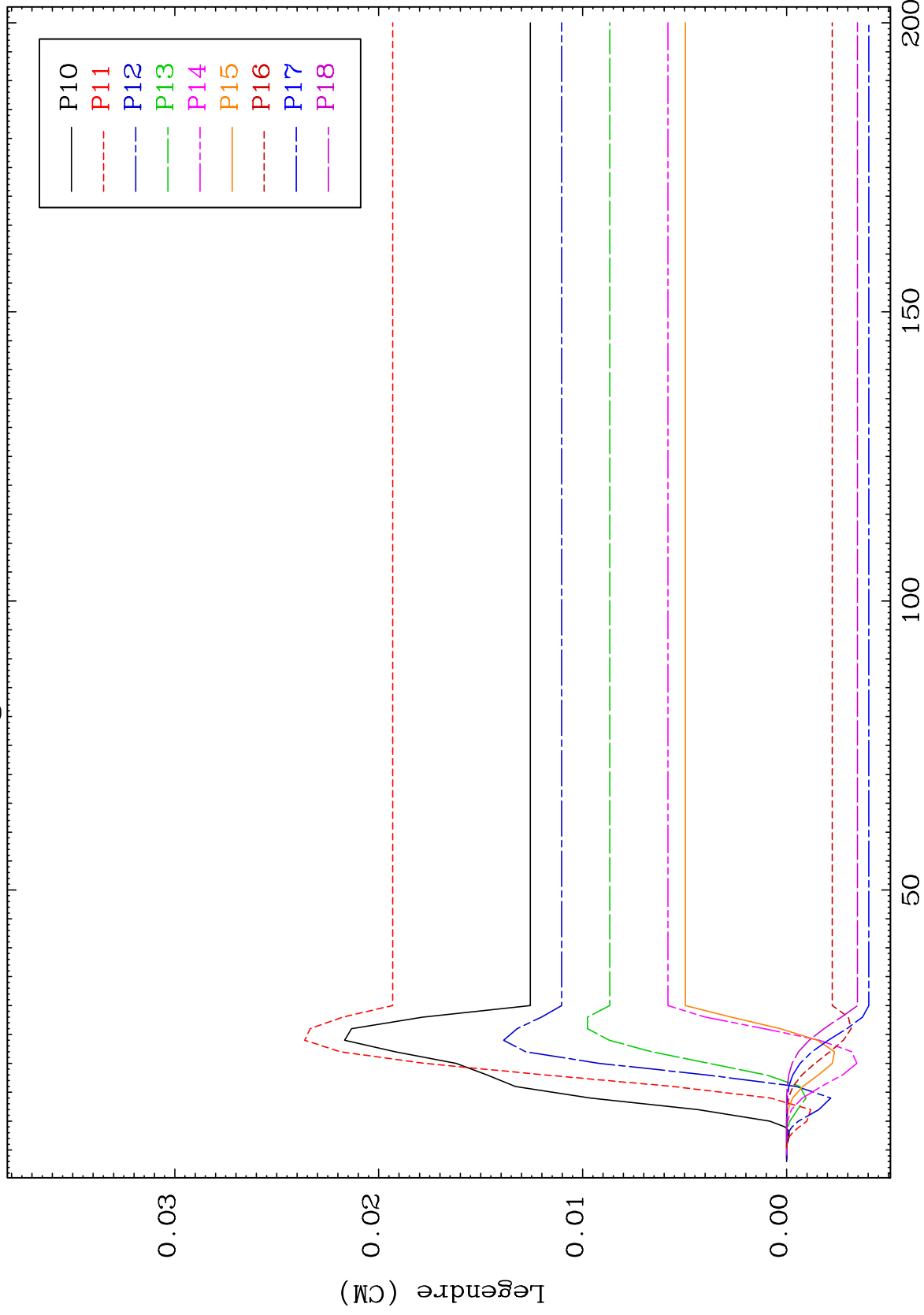
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

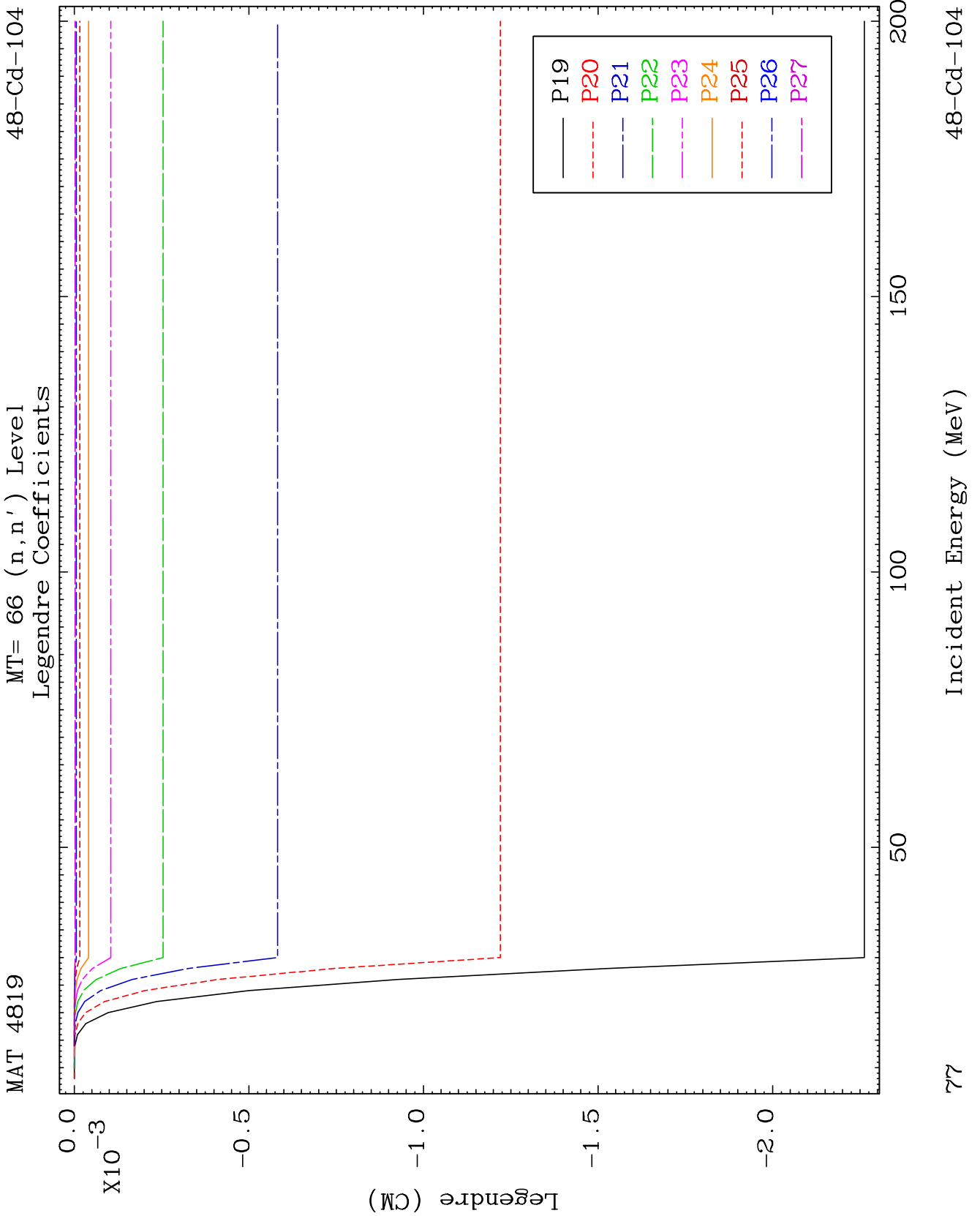
48-Cd-104

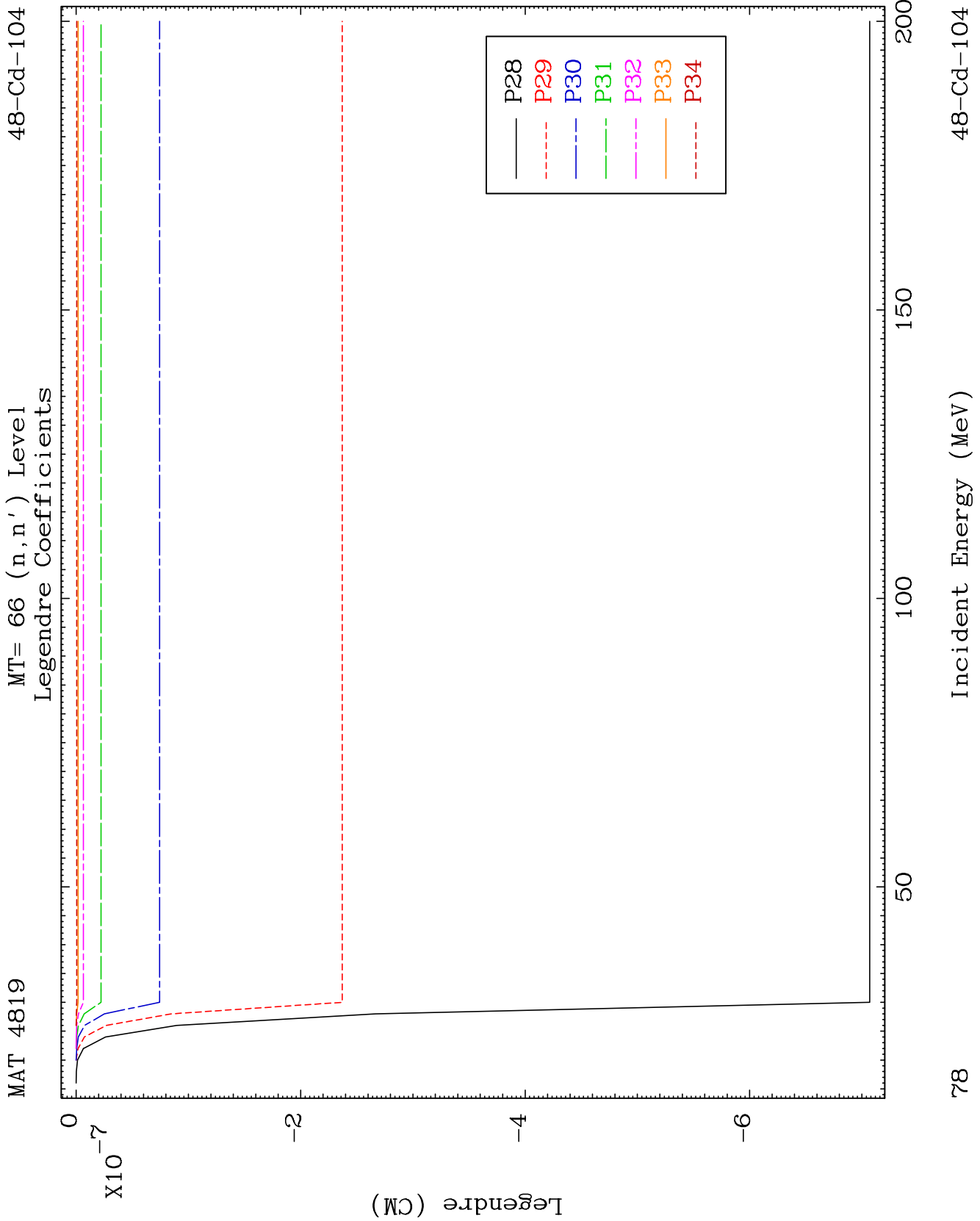


76

Incident Energy (MeV)

48-Cd-104

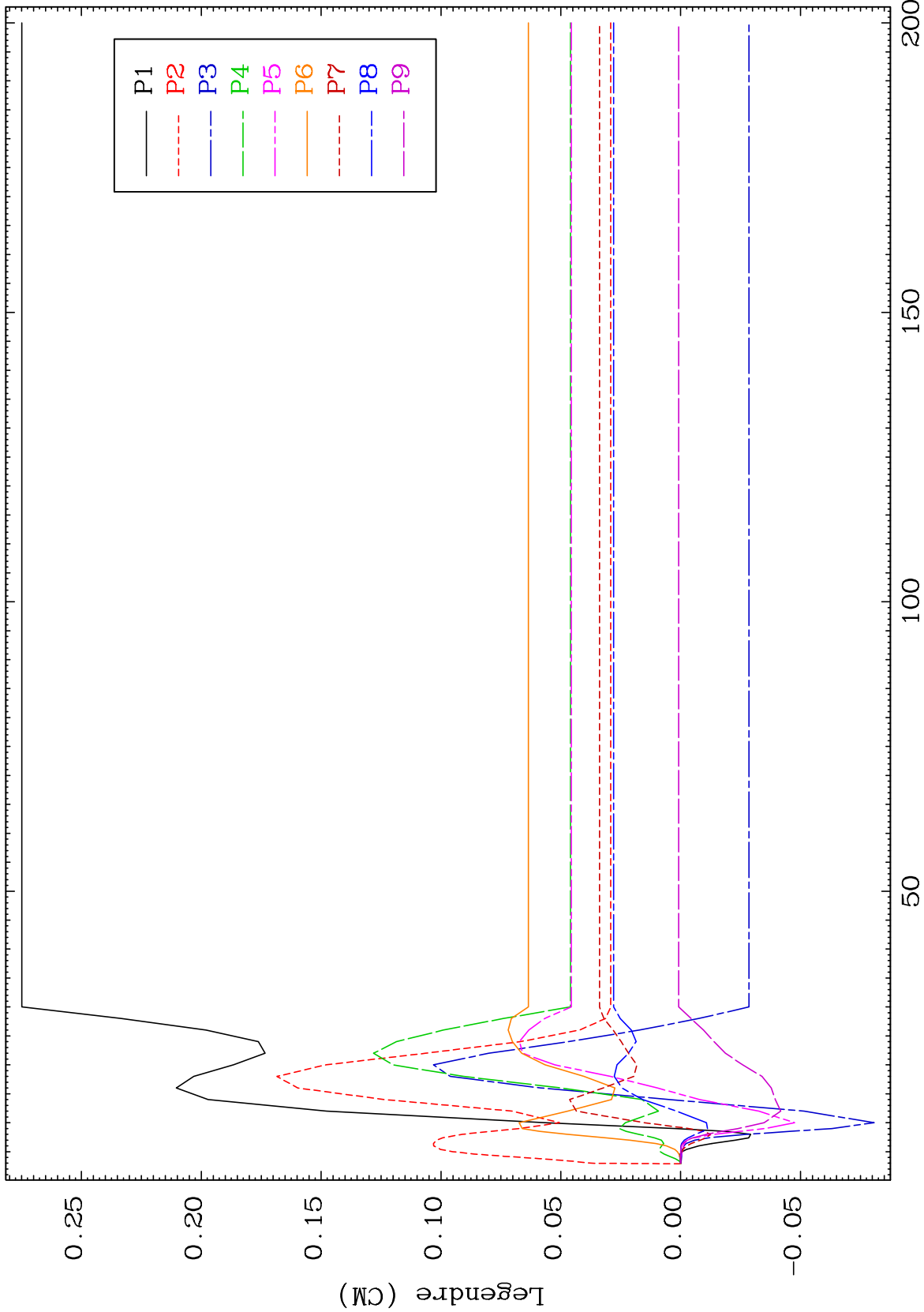




MAT 4819

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

48-Cd-104



79

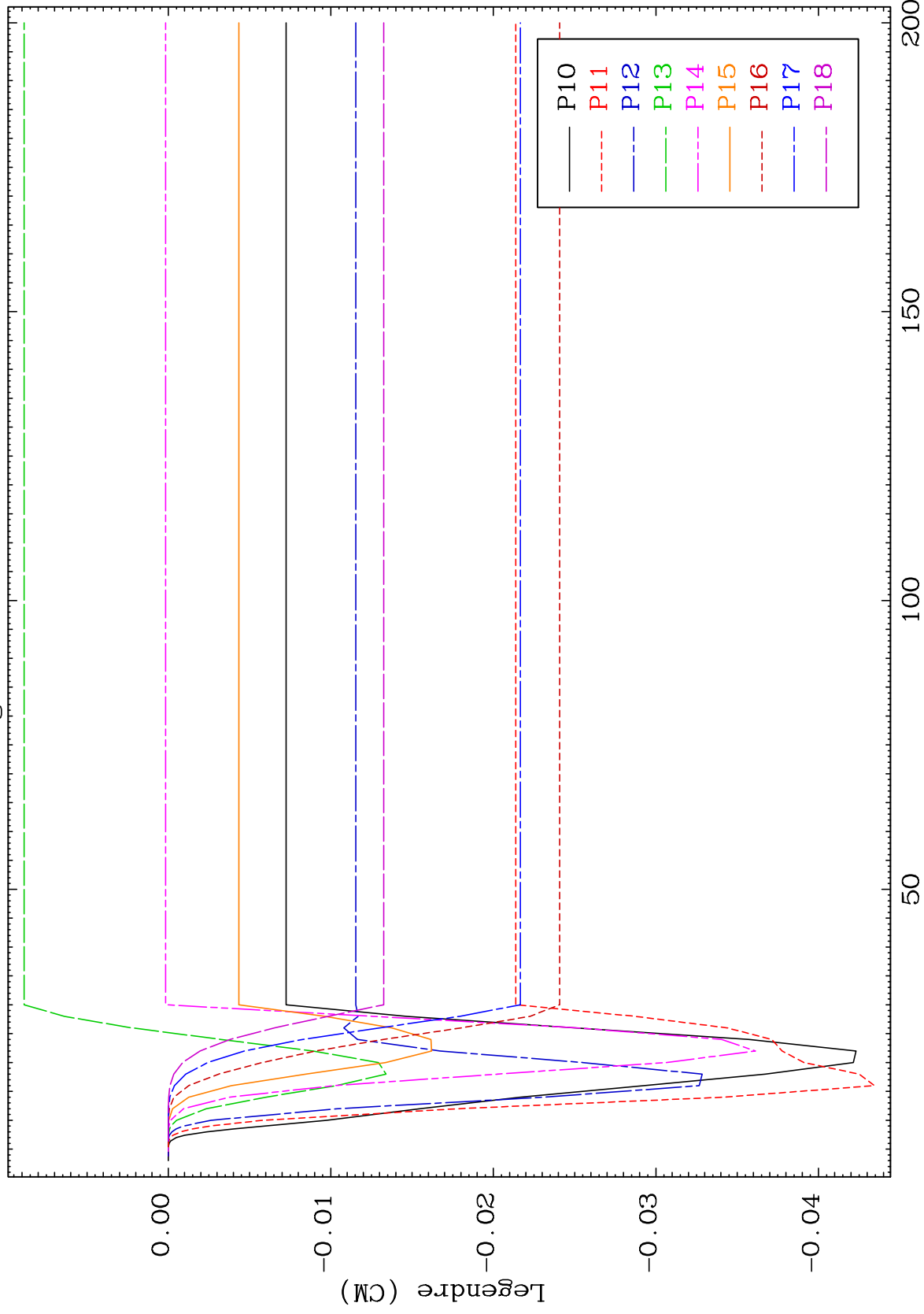
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

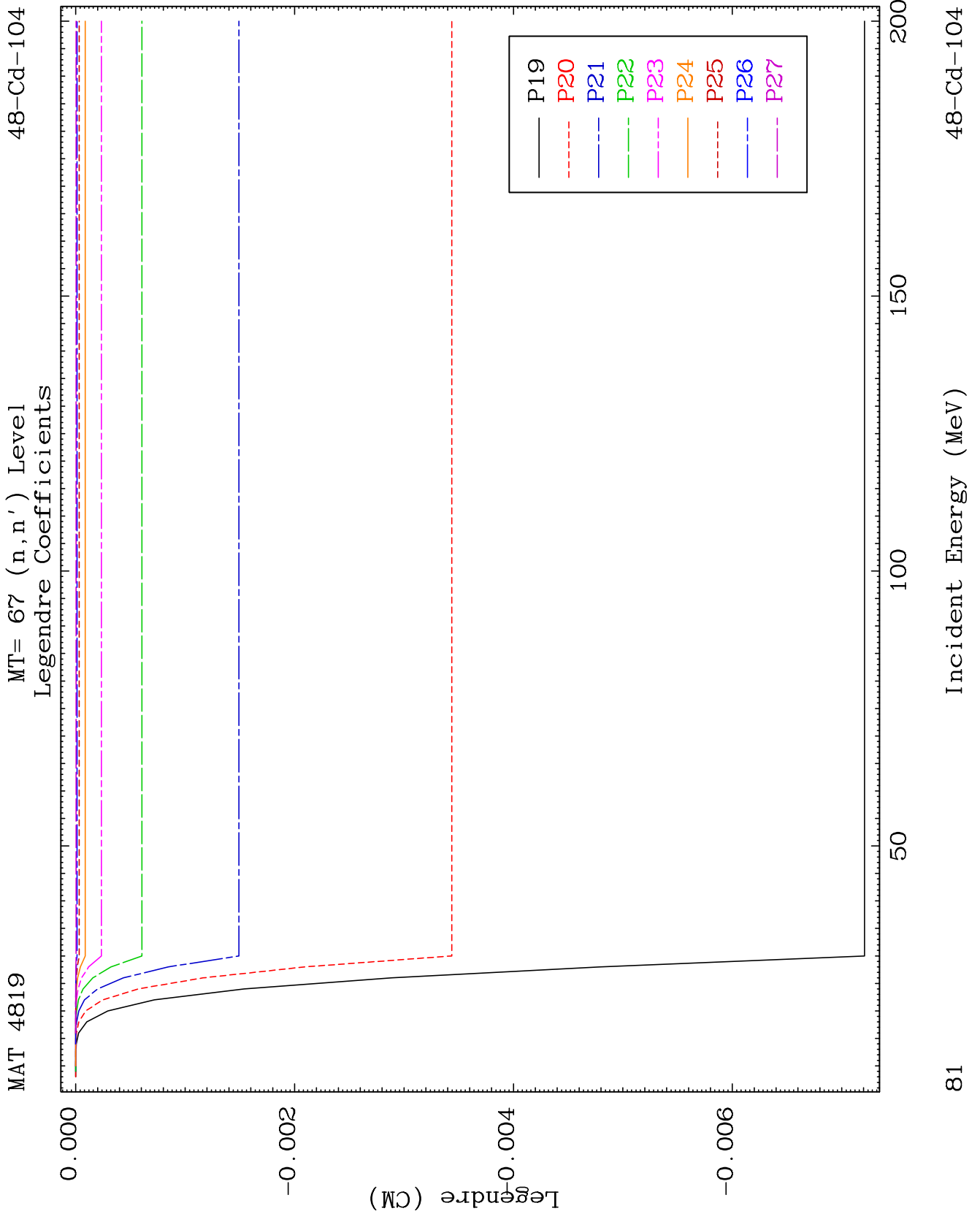
48-Cd-104

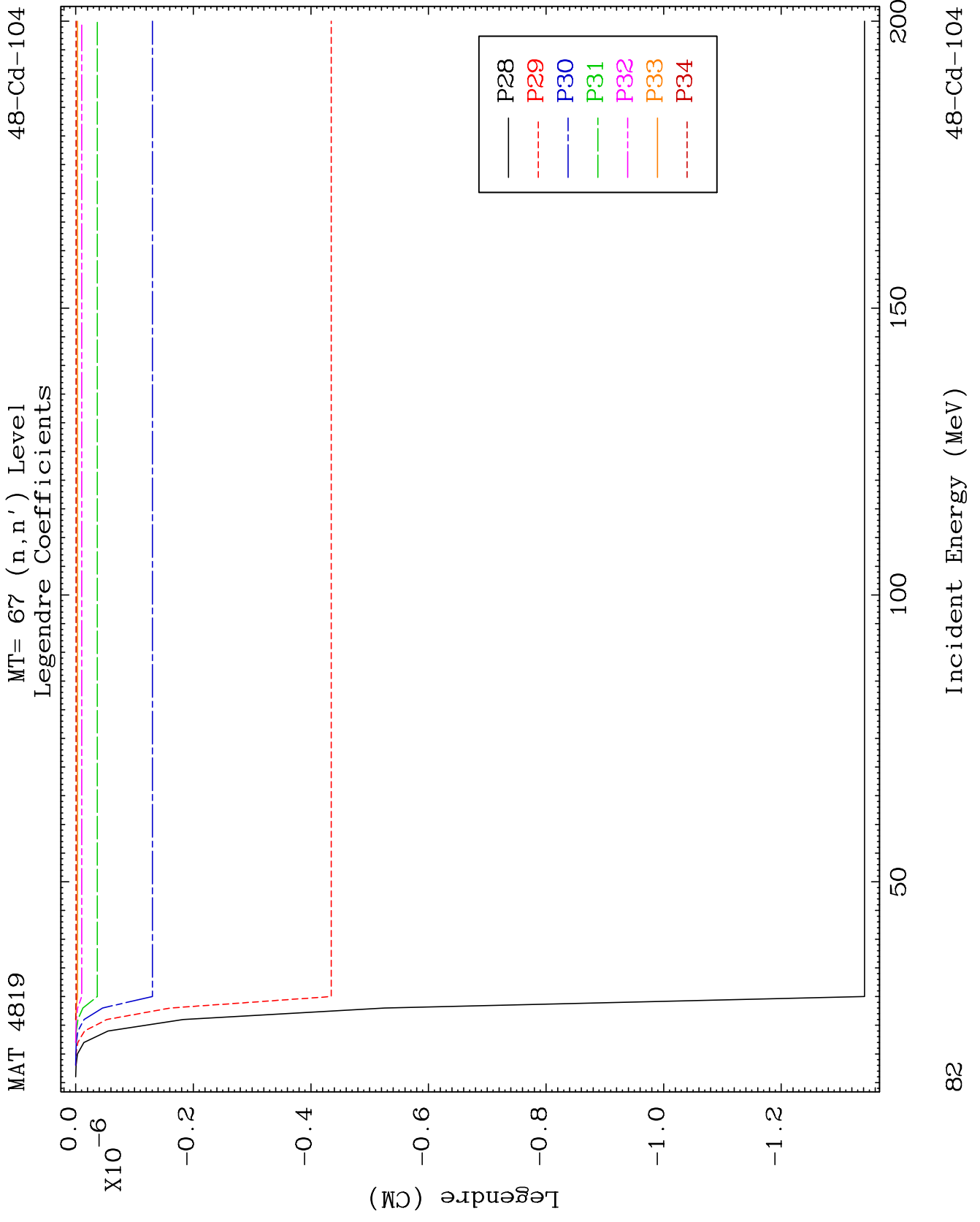


80

Incident Energy (MeV)

48-Cd-104

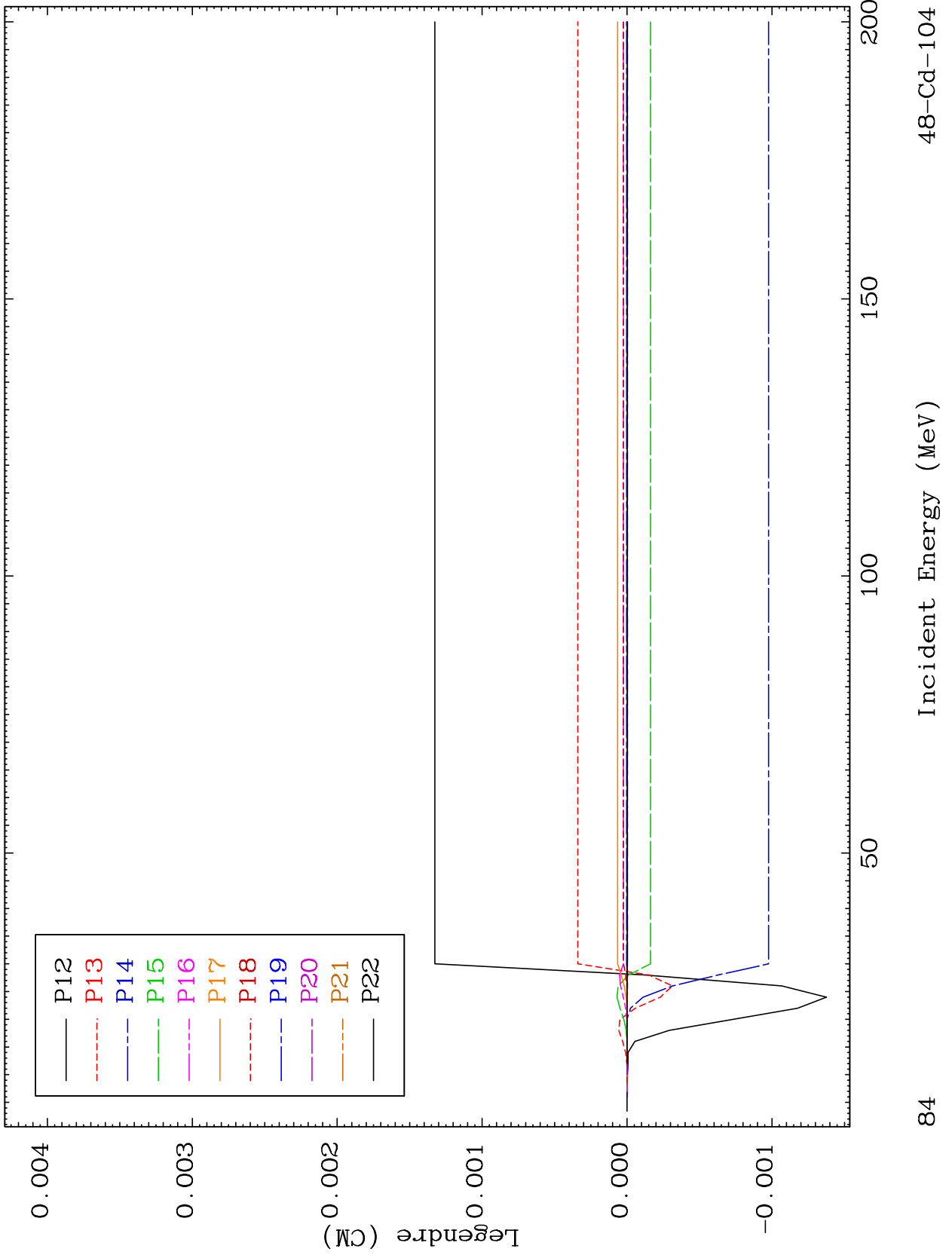




MAT 4819

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

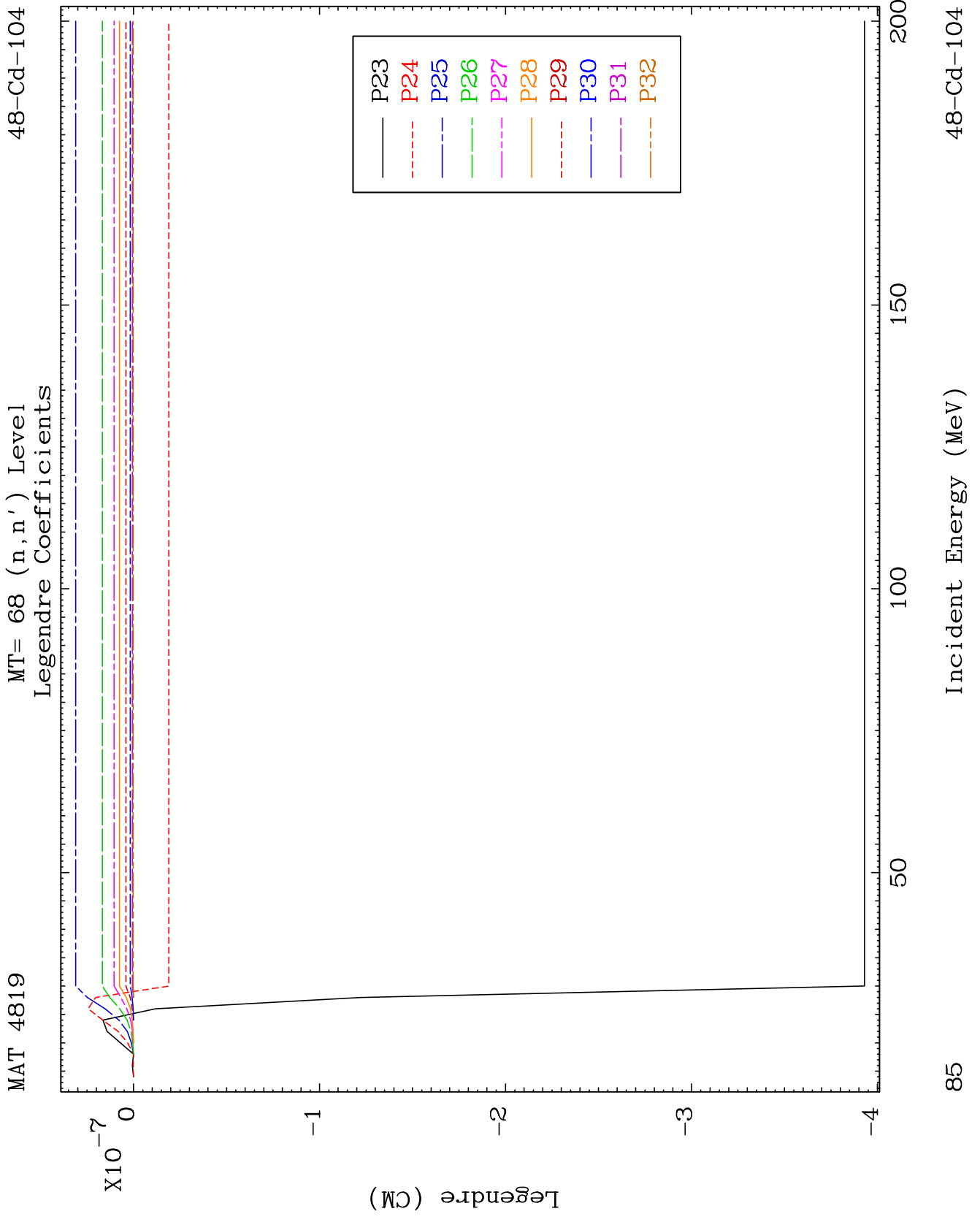
48-Cd-104



84

Incident Energy (MeV)

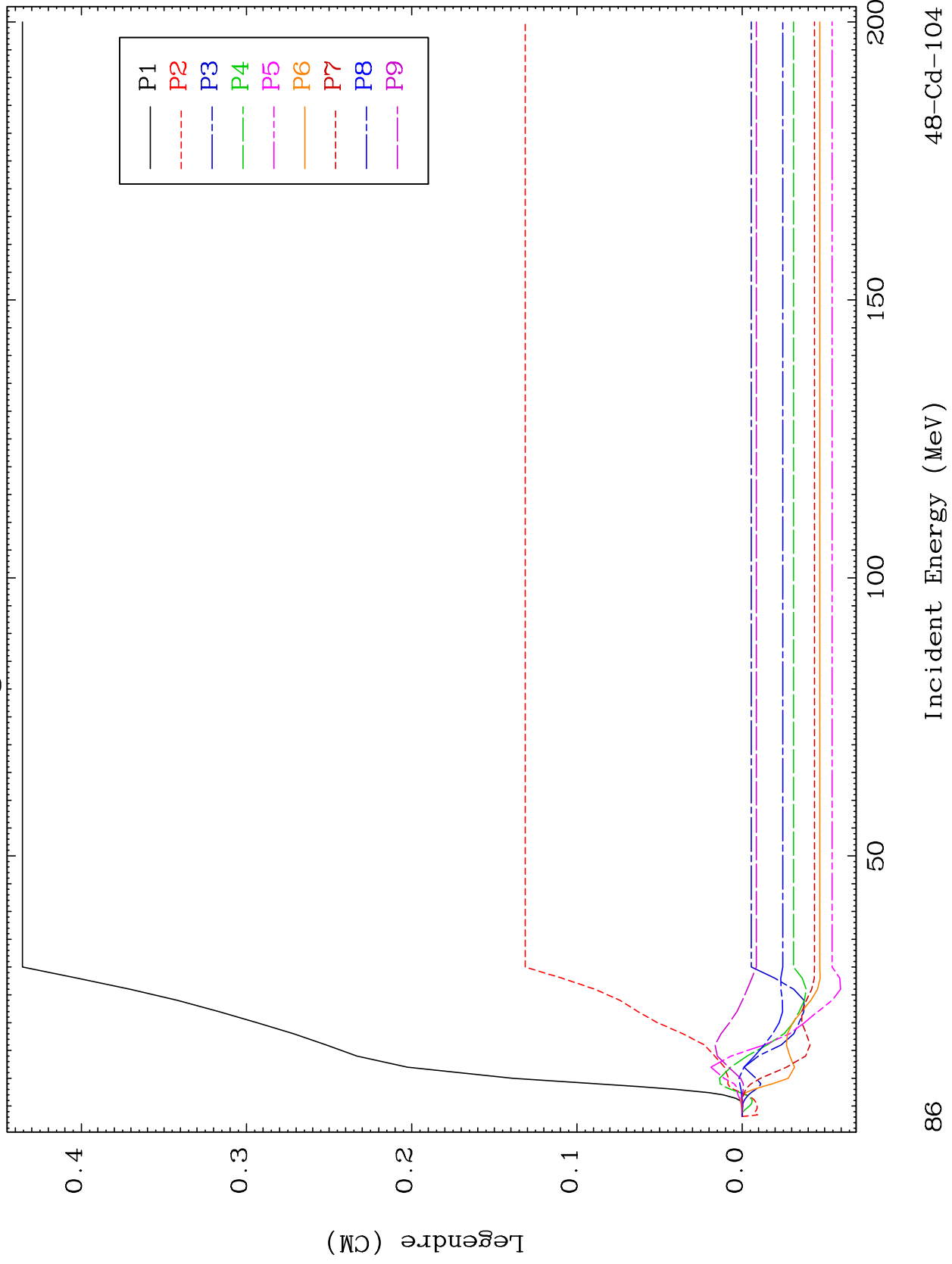
48-Cd-104



MAT 4819

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

48-Cd-104



86

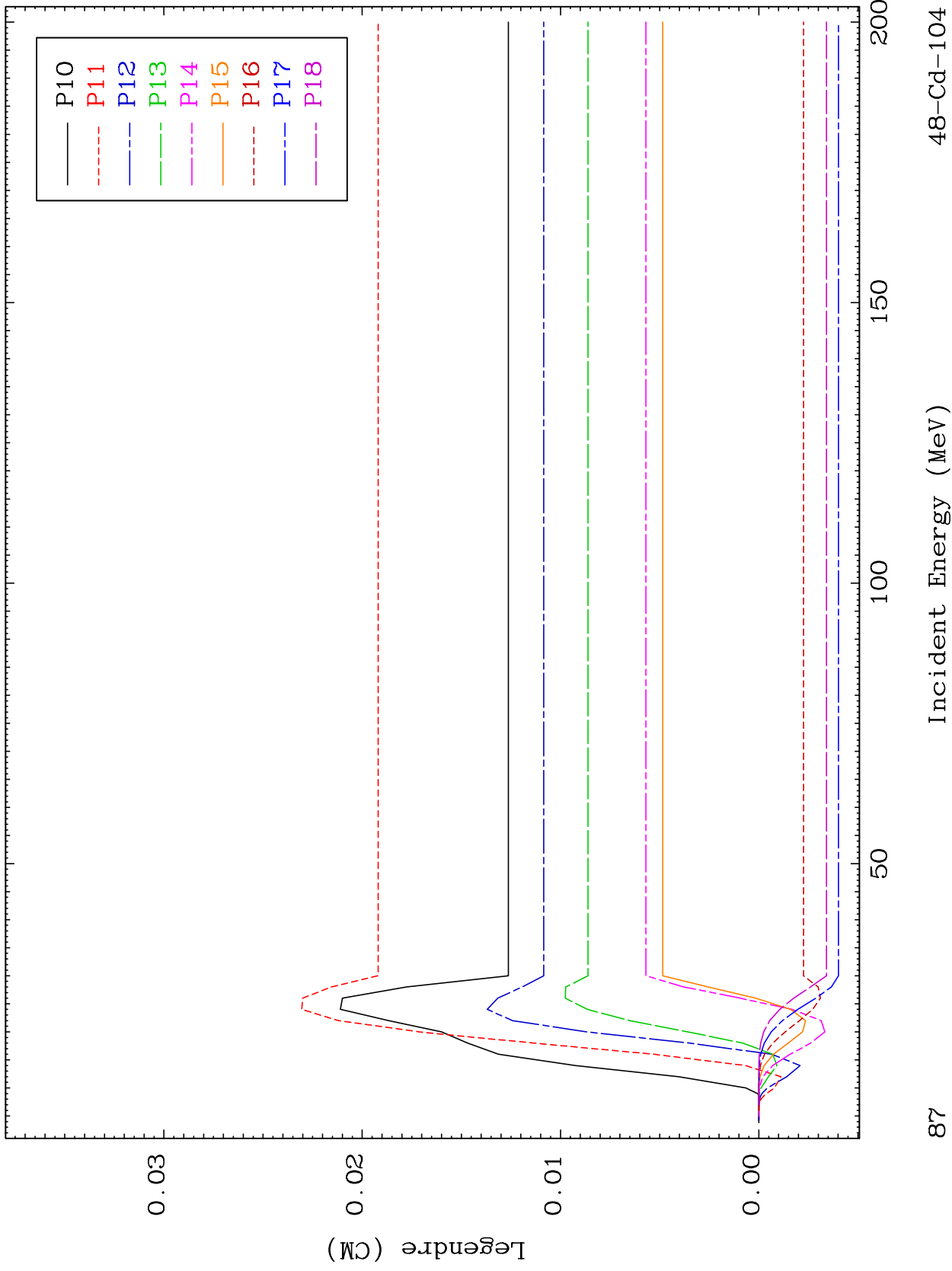
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

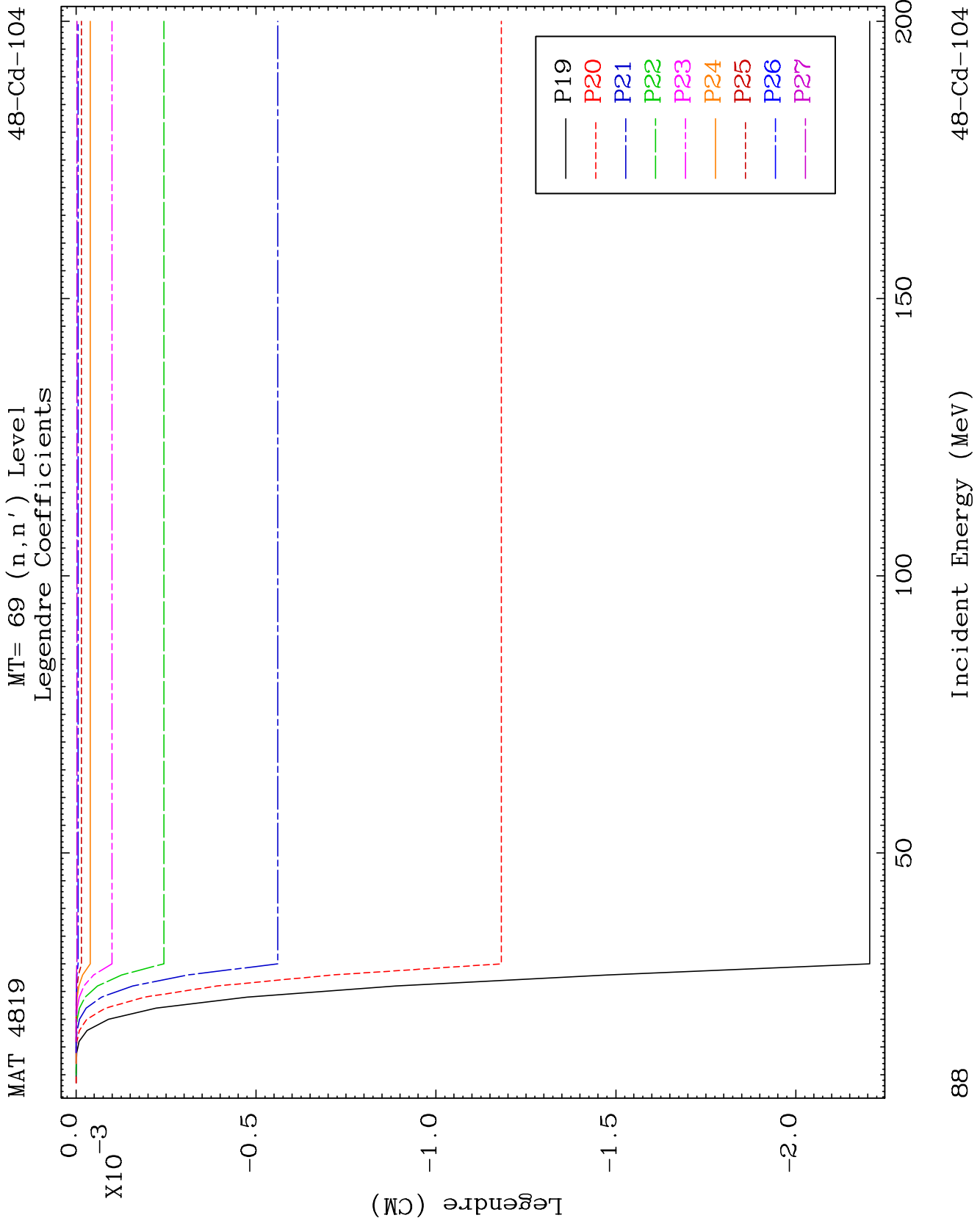
48-Cd-104

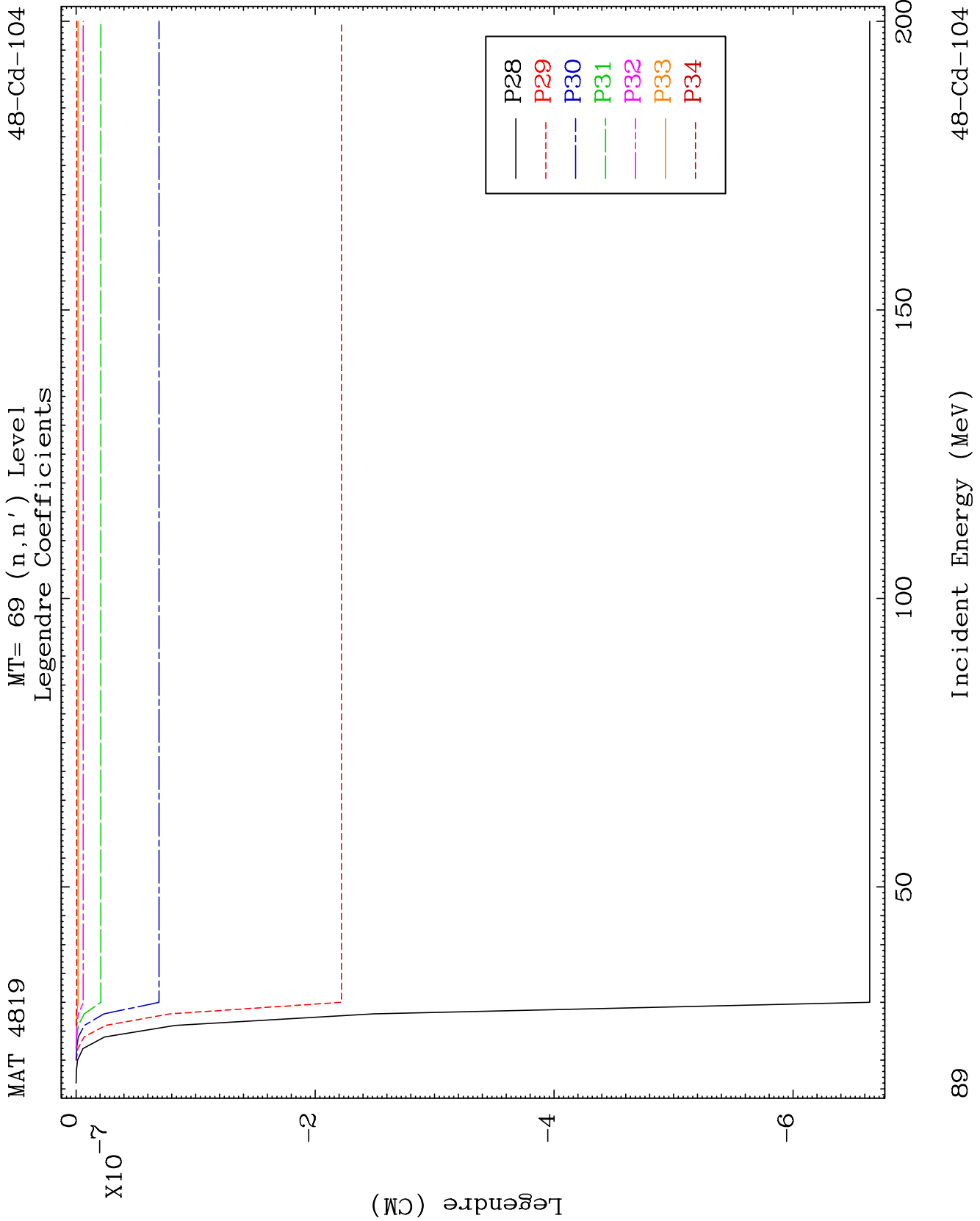


87

Incident Energy (MeV)

48-Cd-104

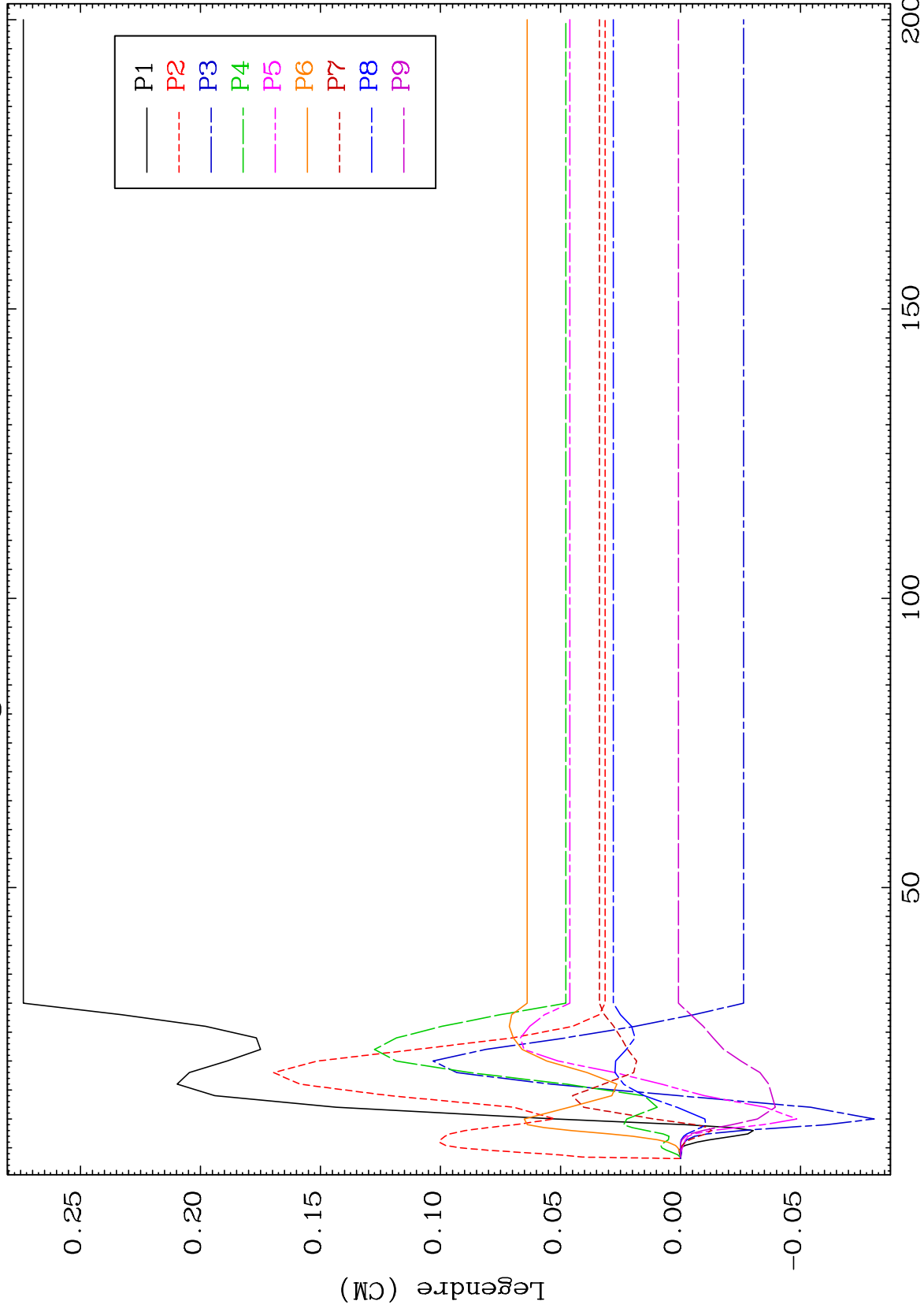




MAT 4819

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

48-Cd-104



90

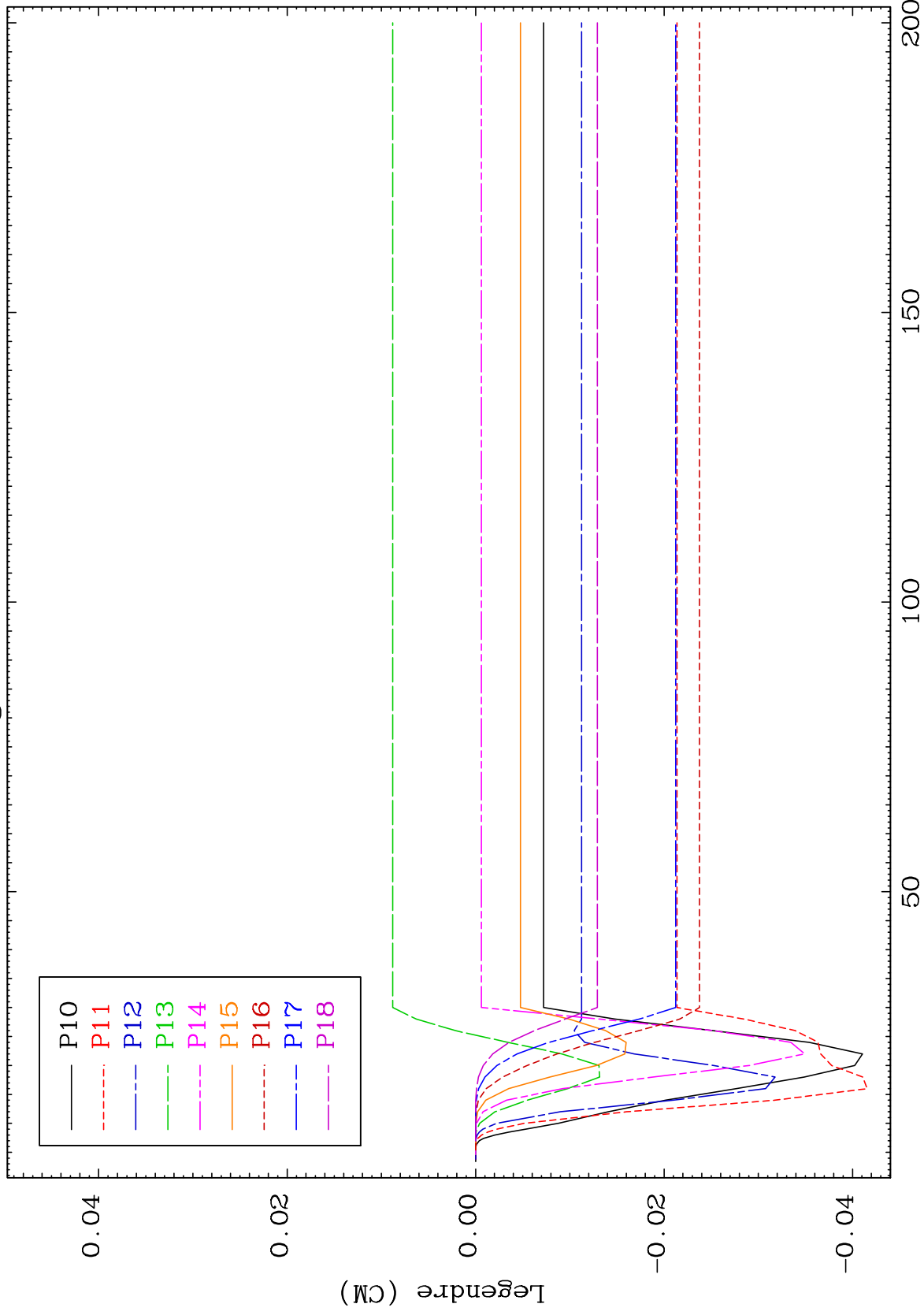
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

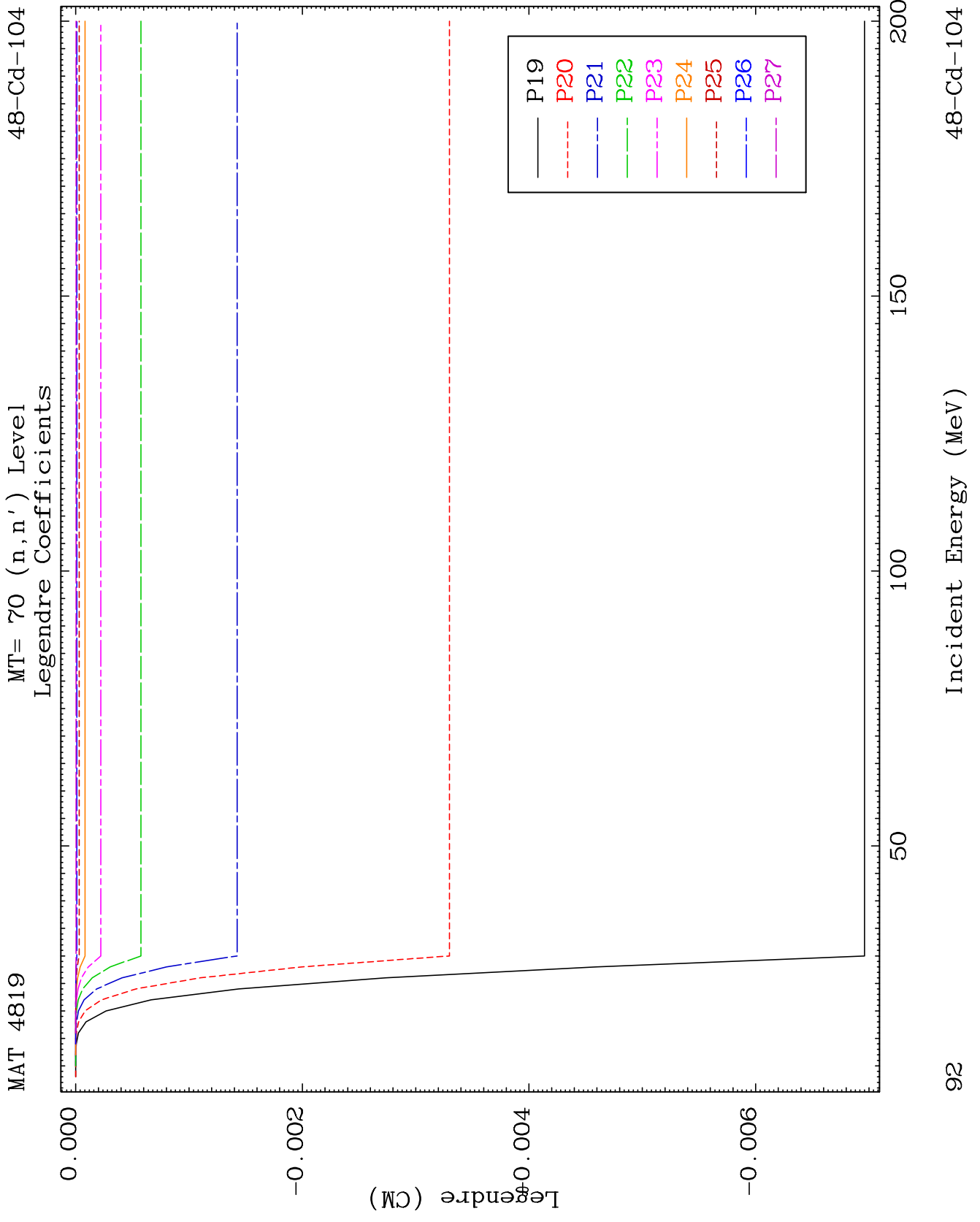
48-Cd-104

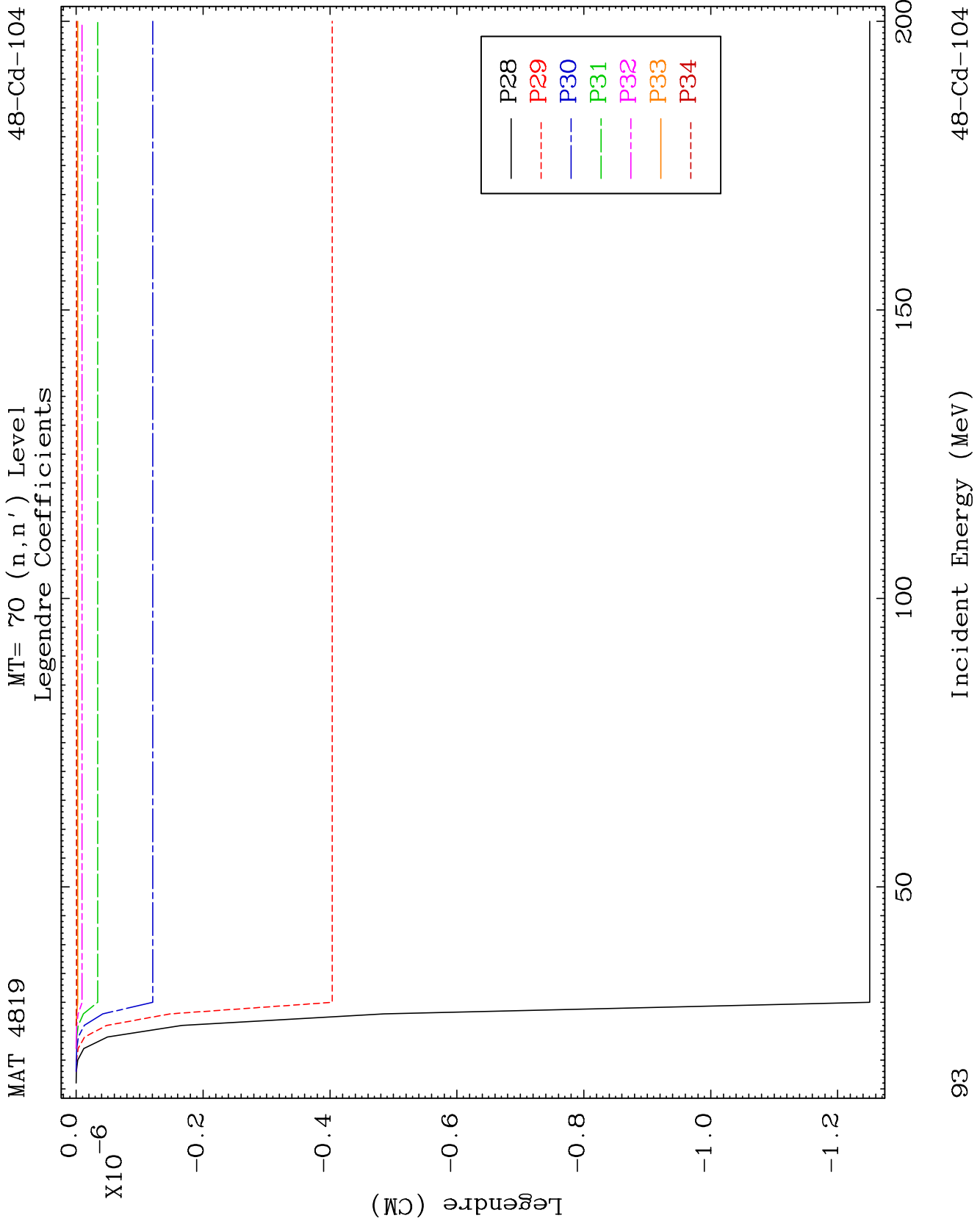


91

Incident Energy (MeV)

48-Cd-104

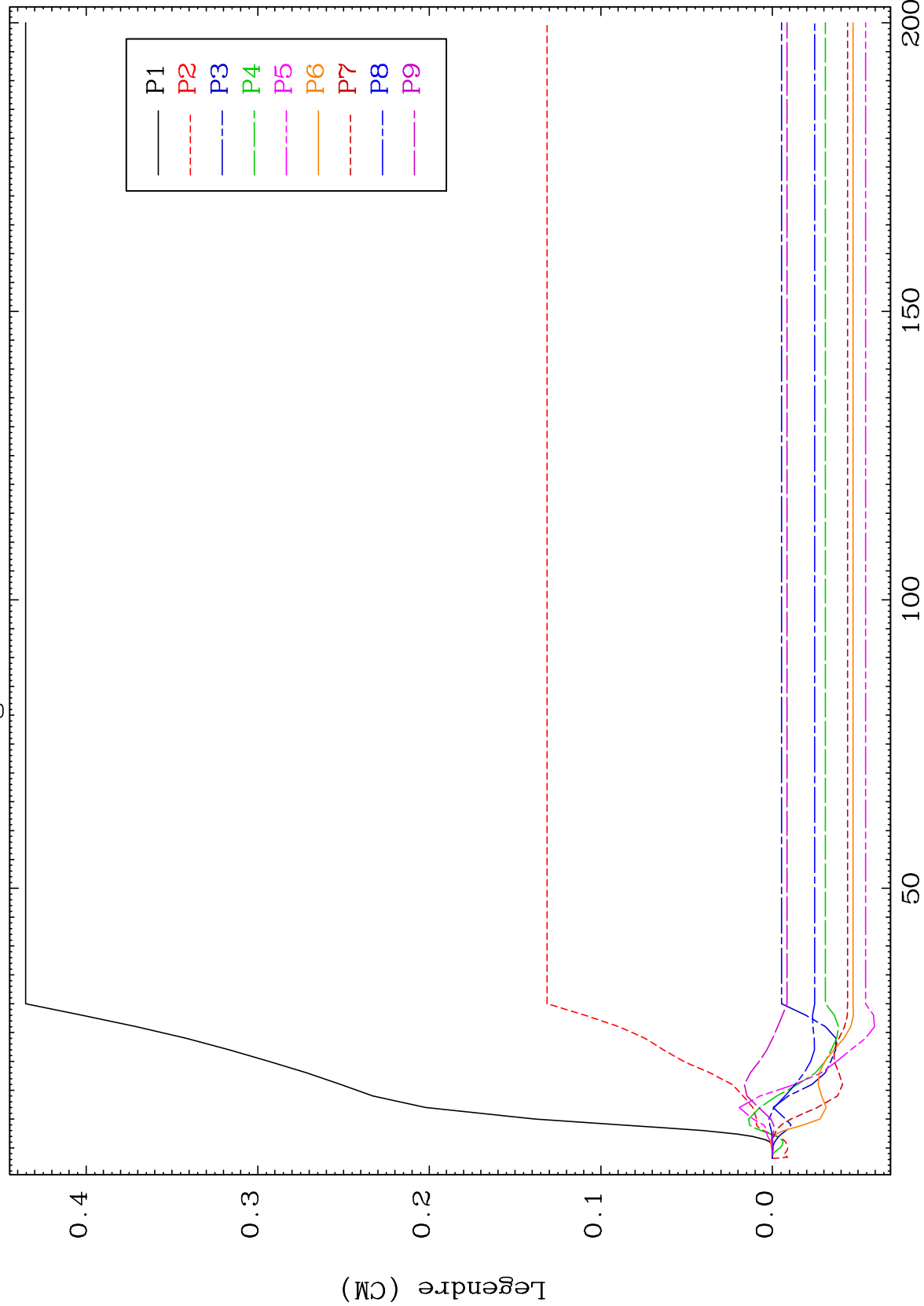




MAT 4819

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

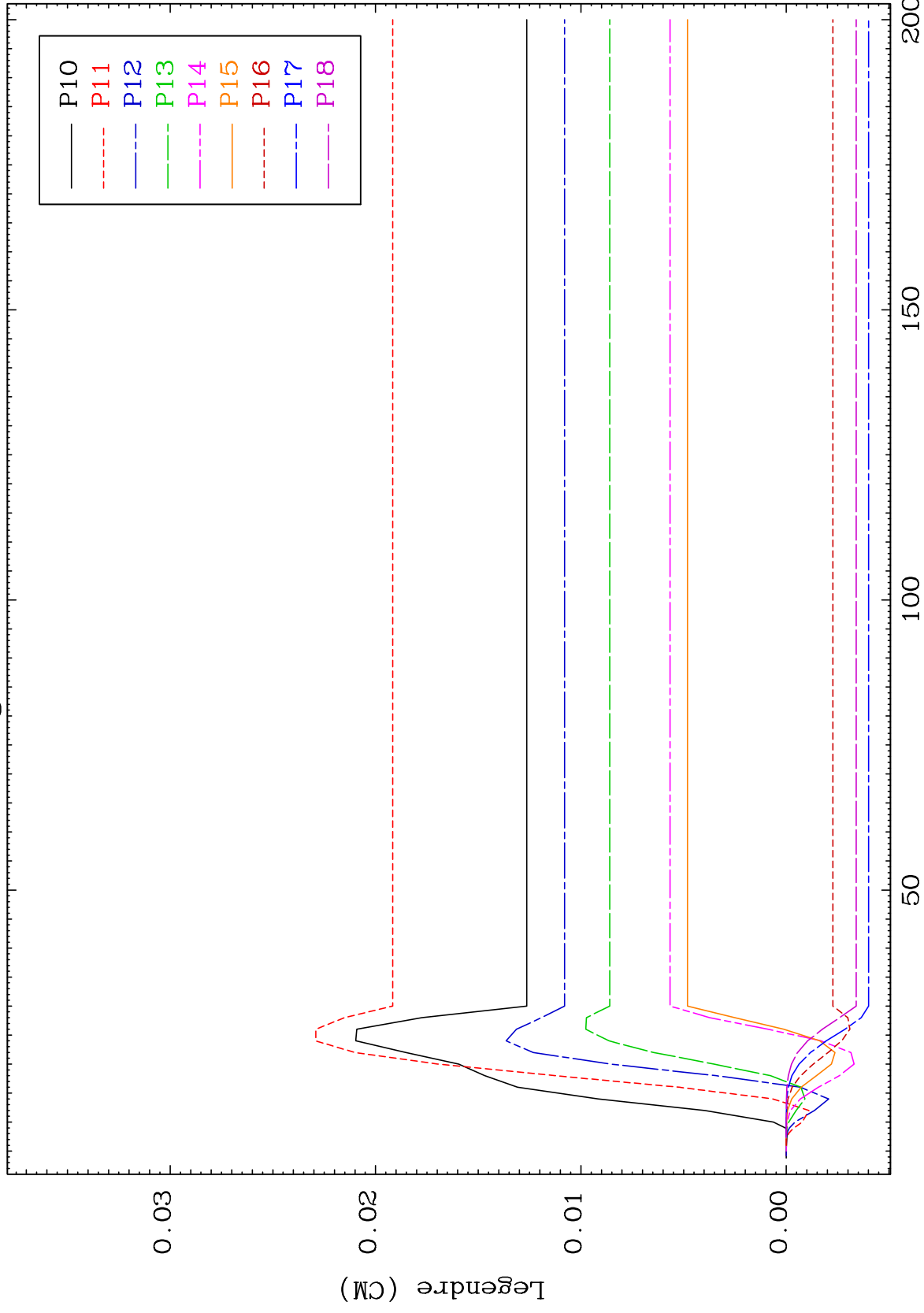
48-Cd-104



MAT 4819

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

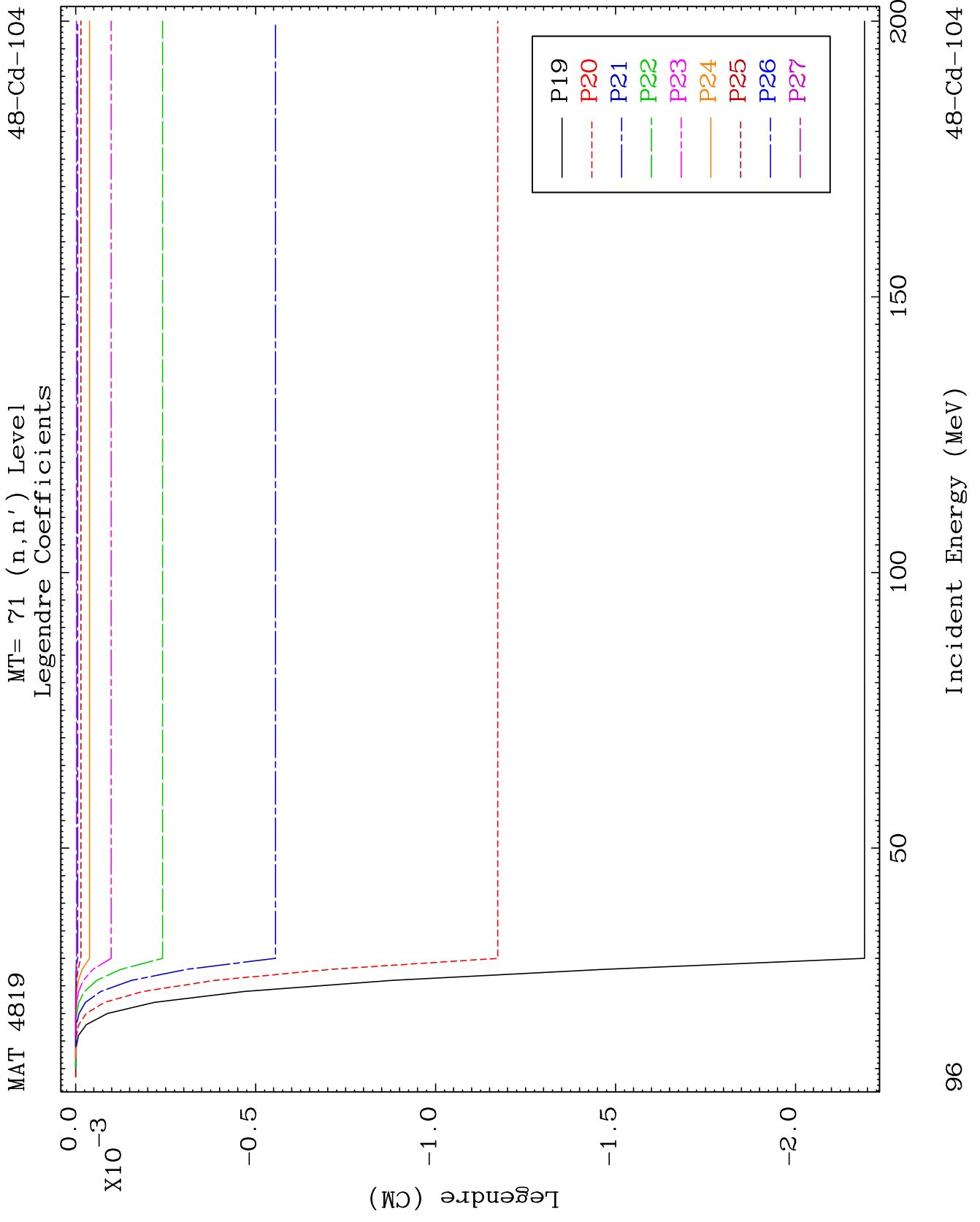
48-Cd-104

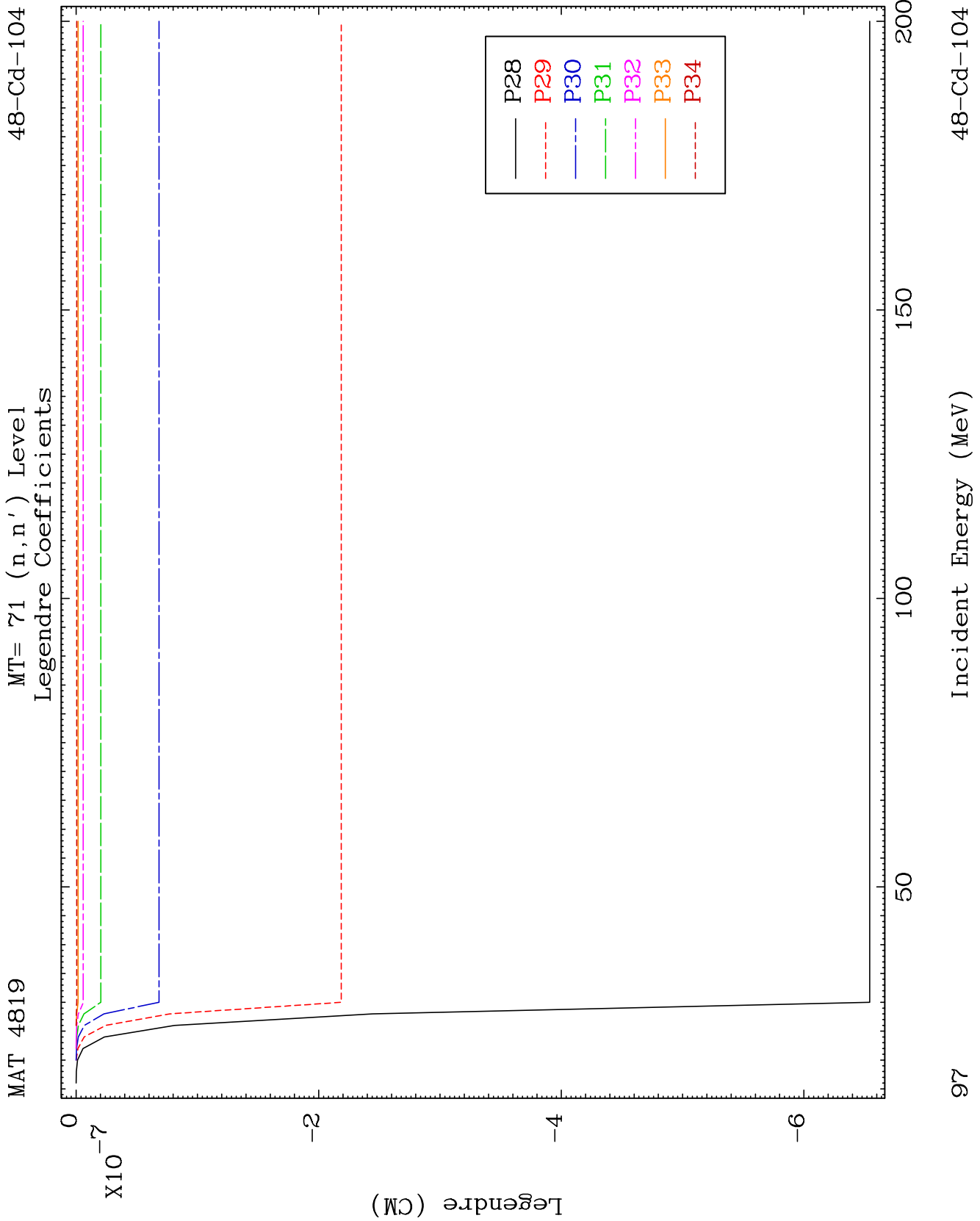


95

Incident Energy (MeV)

48-Cd-104

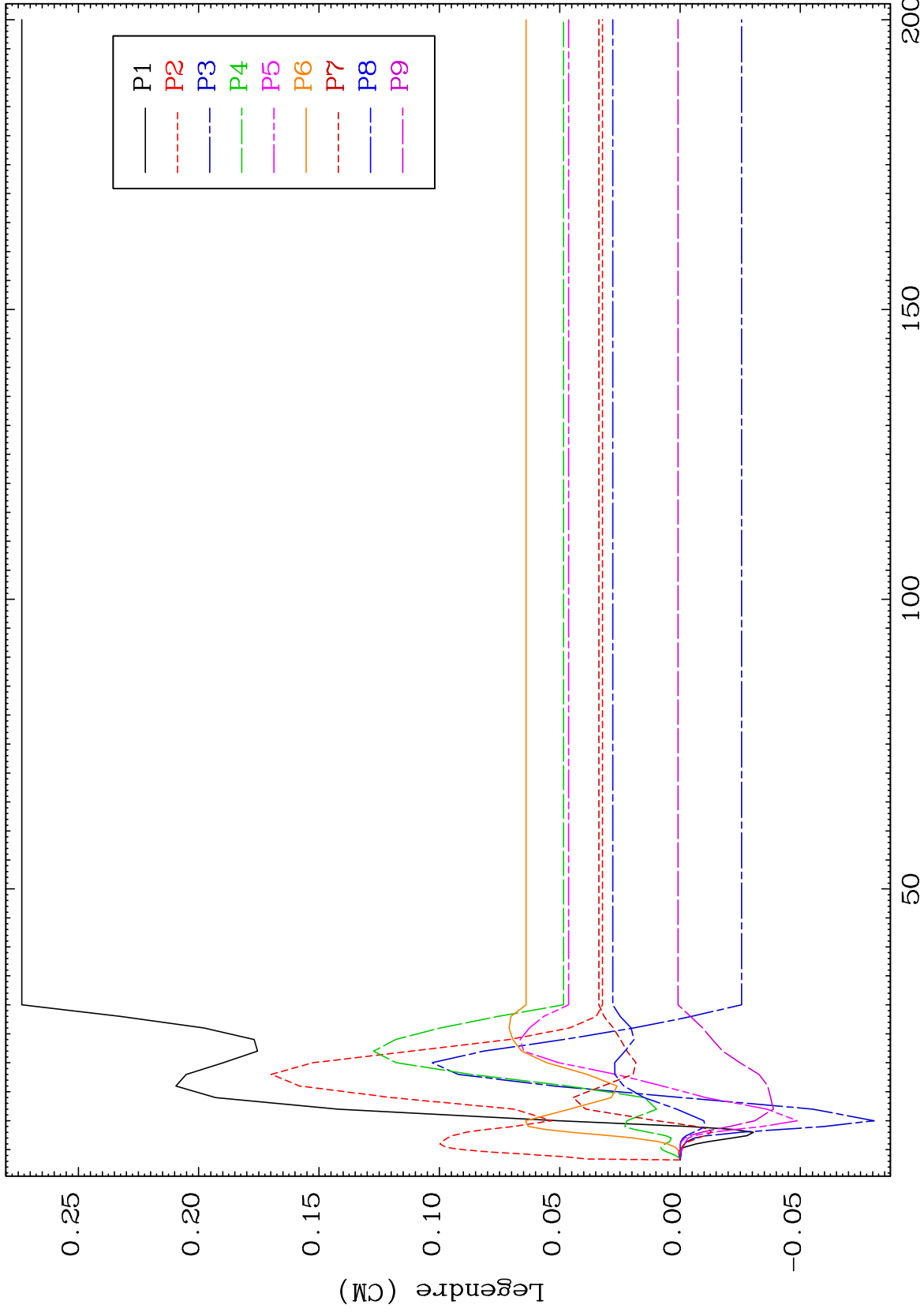




MAT 4819

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

48-Cd-104



98

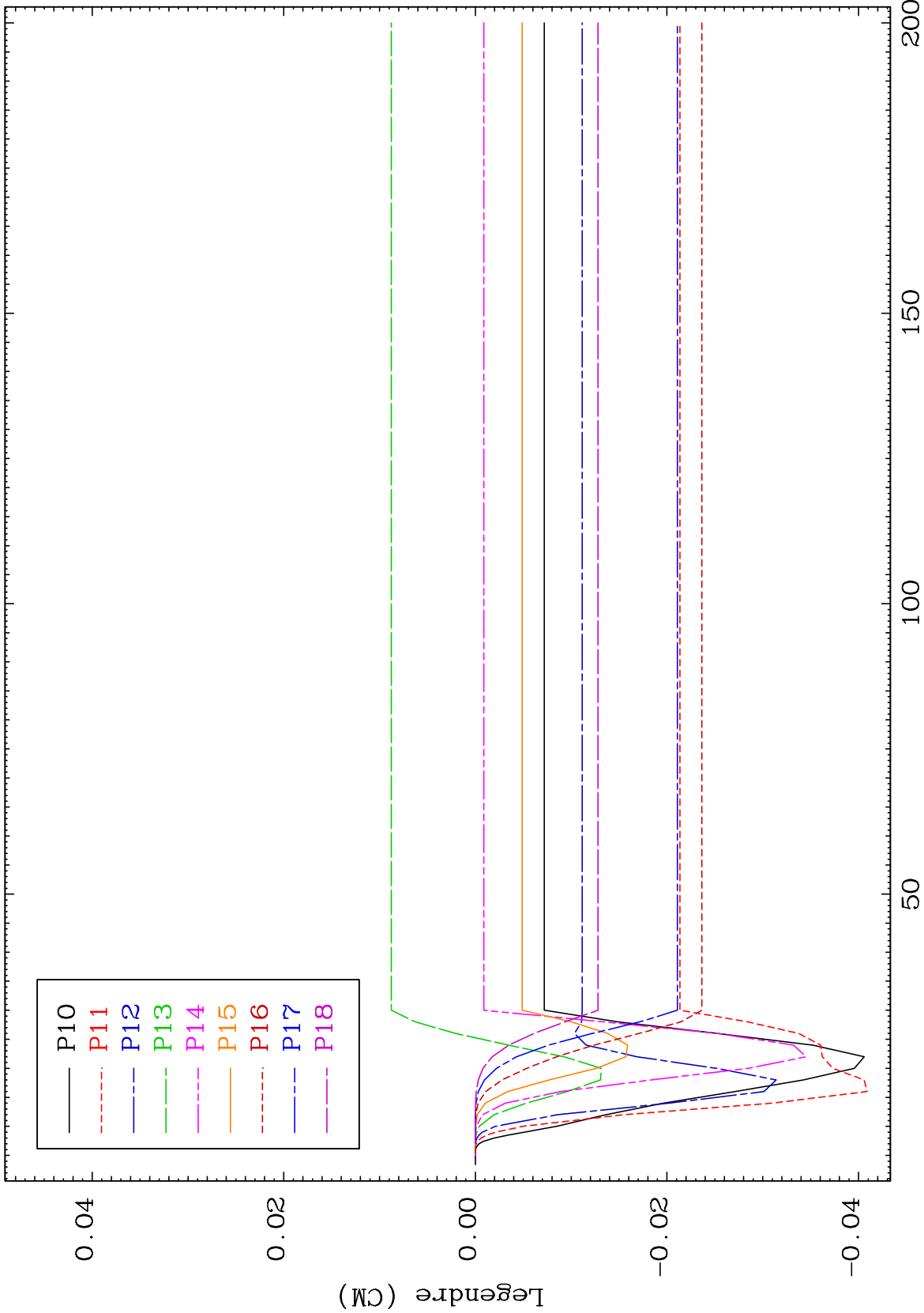
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

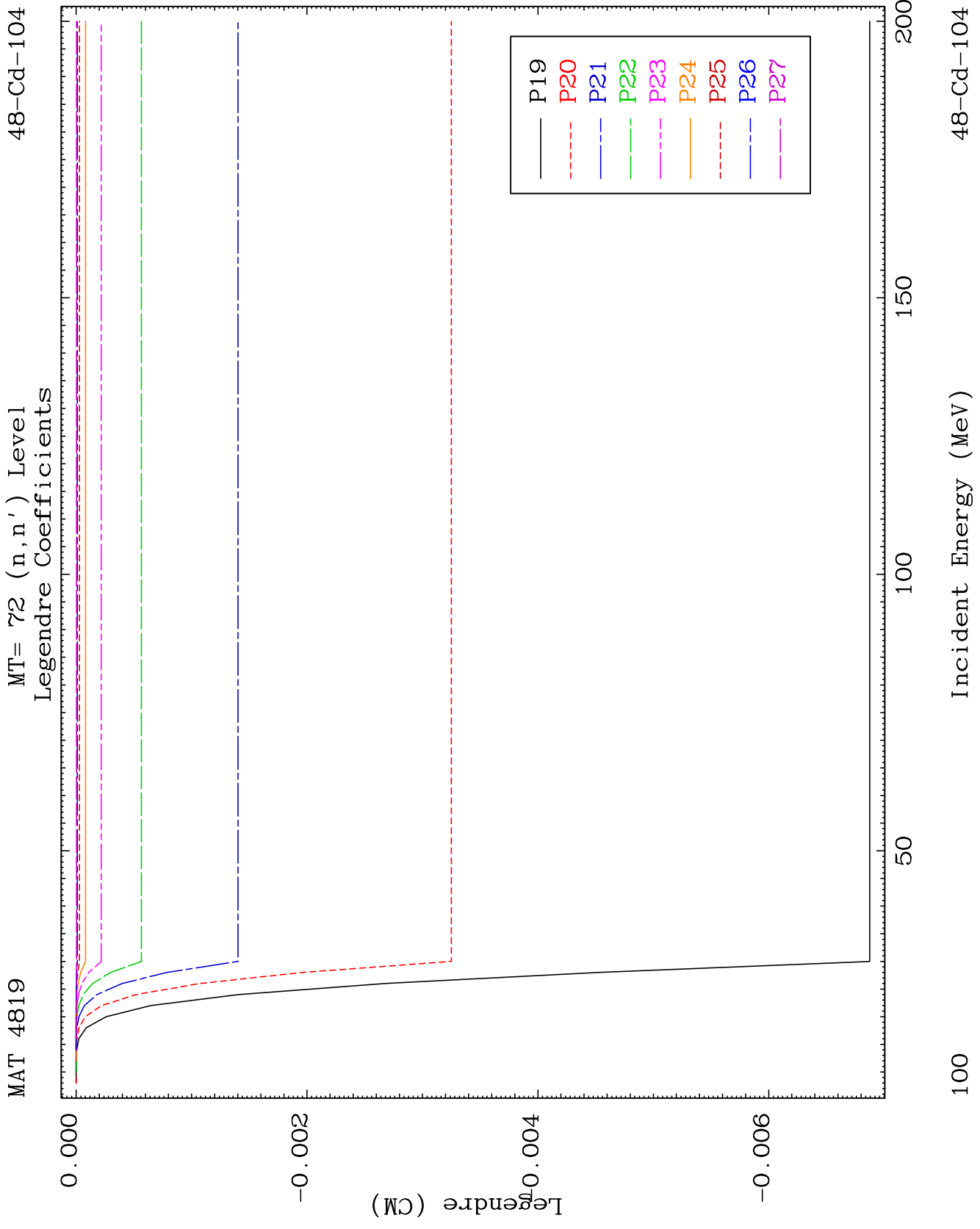
48-Cd-104

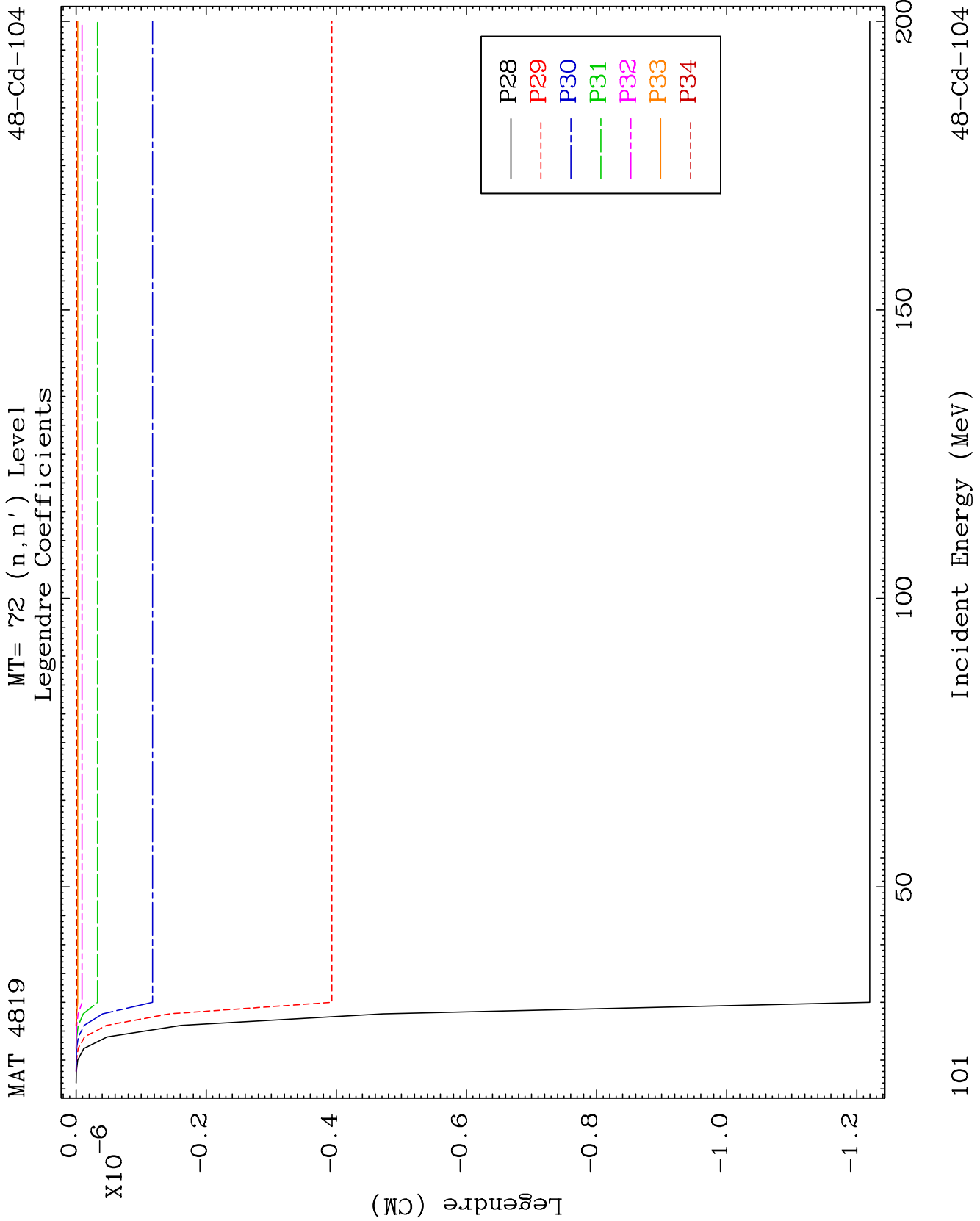


99

Incident Energy (MeV)

48-Cd-104

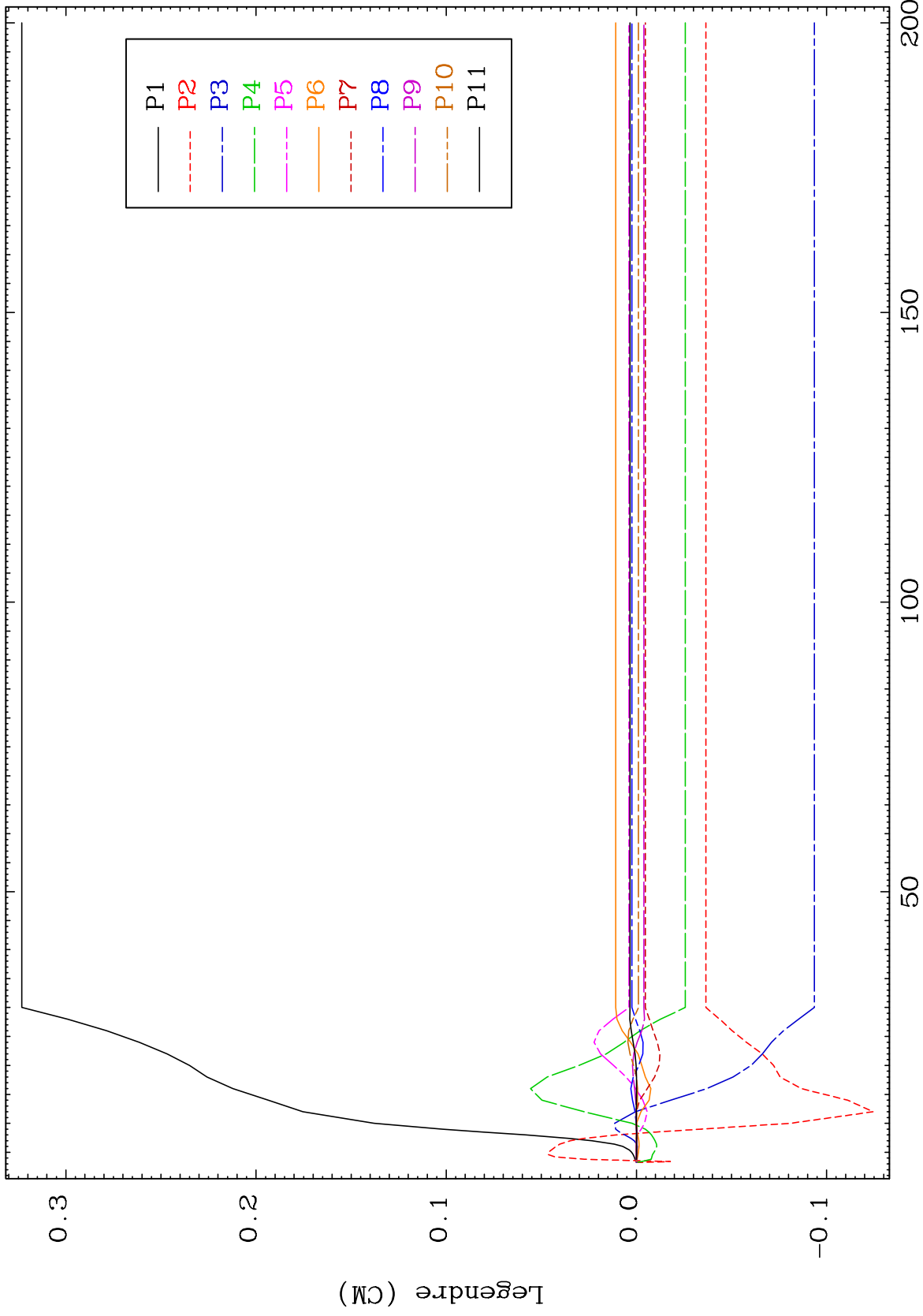




MAT 4819

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

48-Cd-104



102

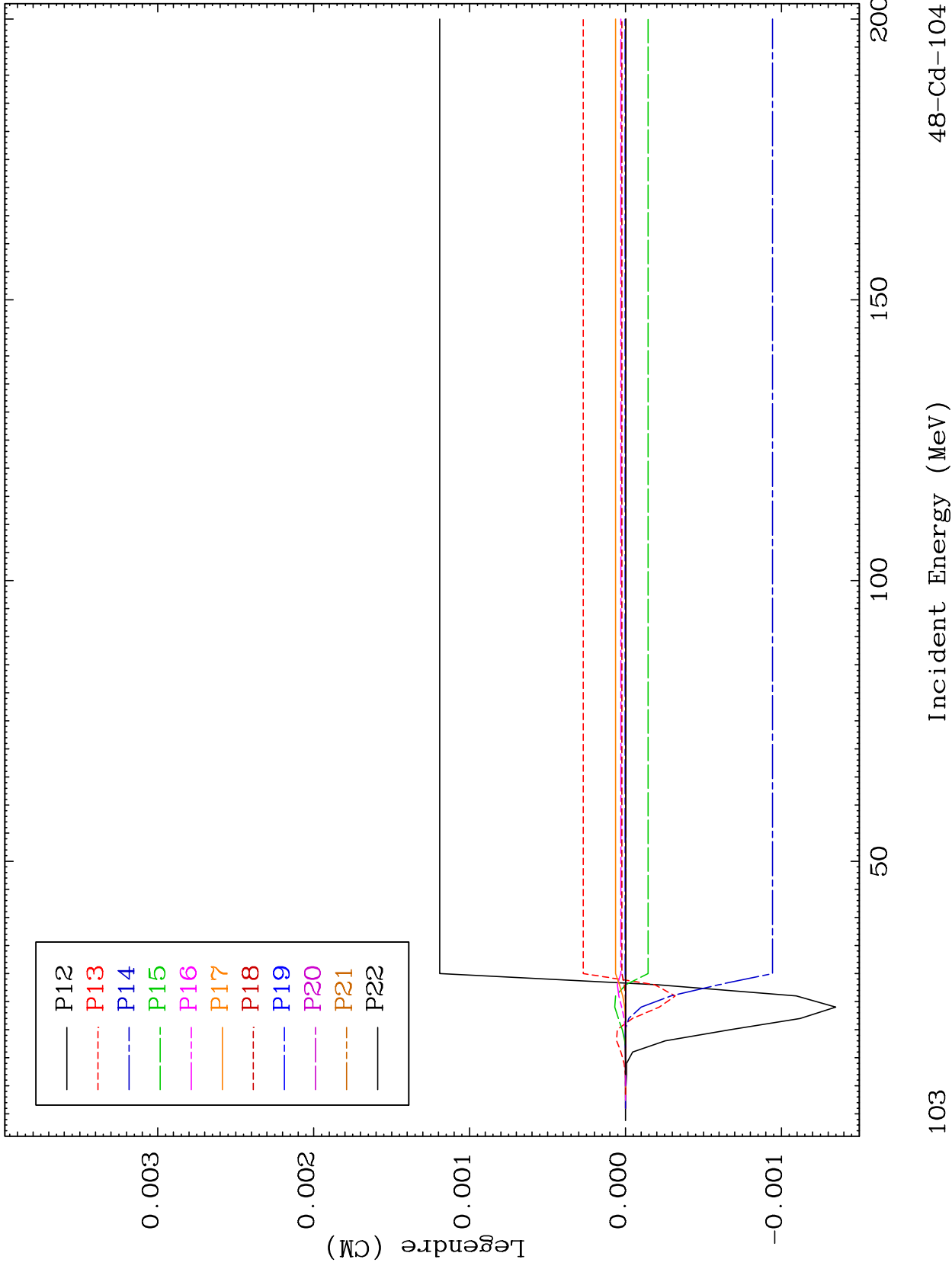
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

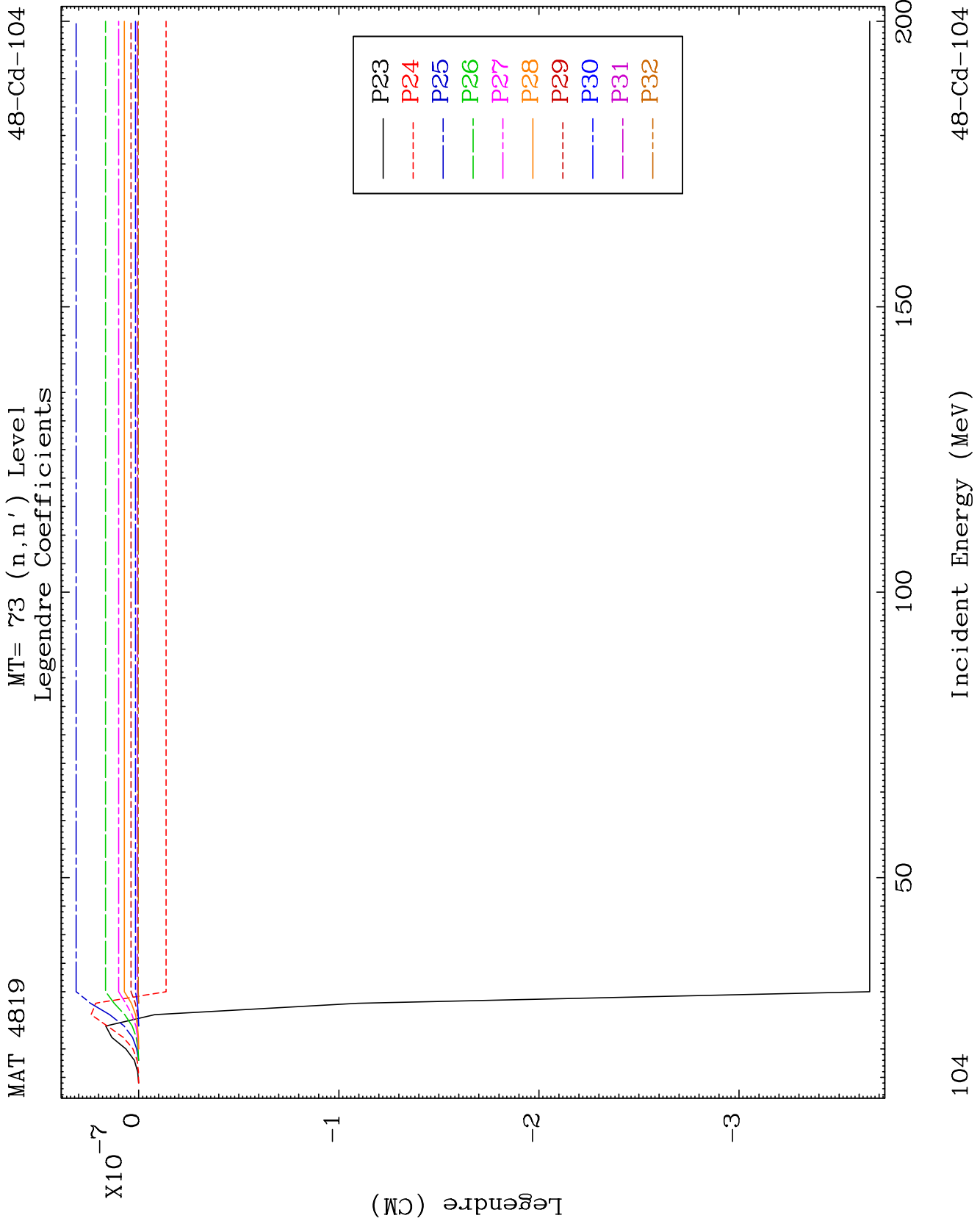
48-Cd-104



103

Incident Energy (MeV)

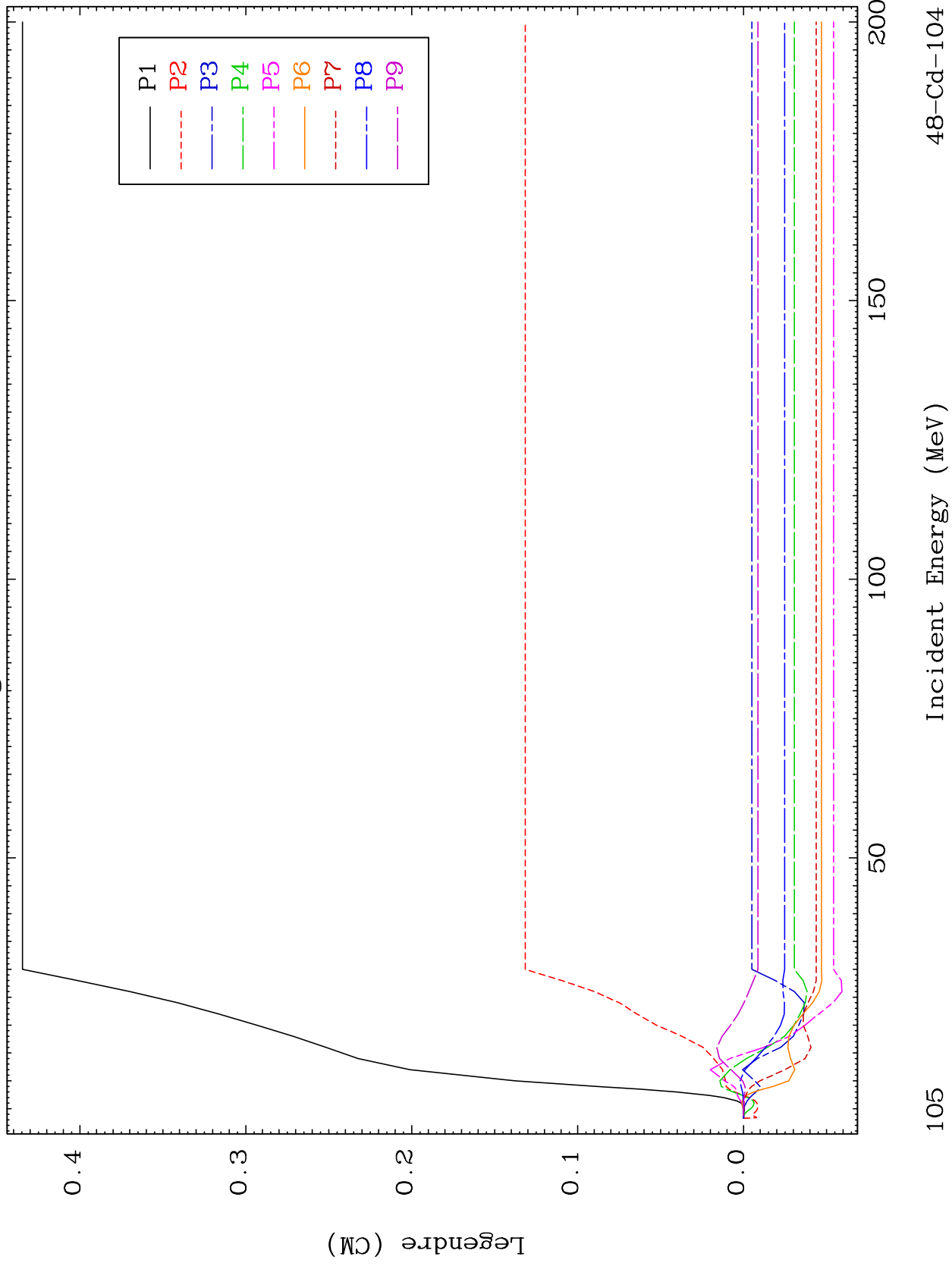
48-Cd-104



MAT 4819

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

48-Cd-104



105

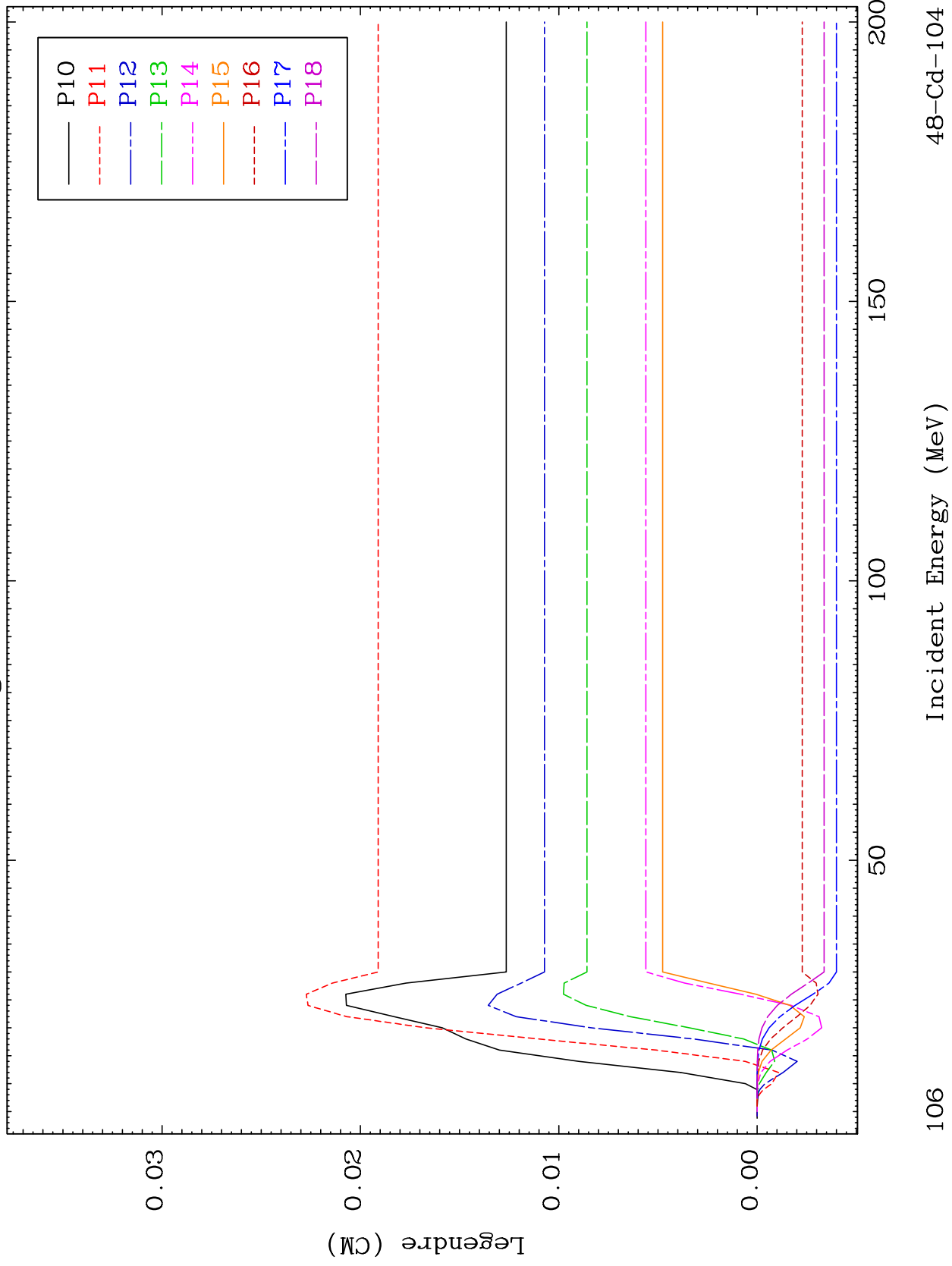
Incident Energy (MeV)

48-Cd-104

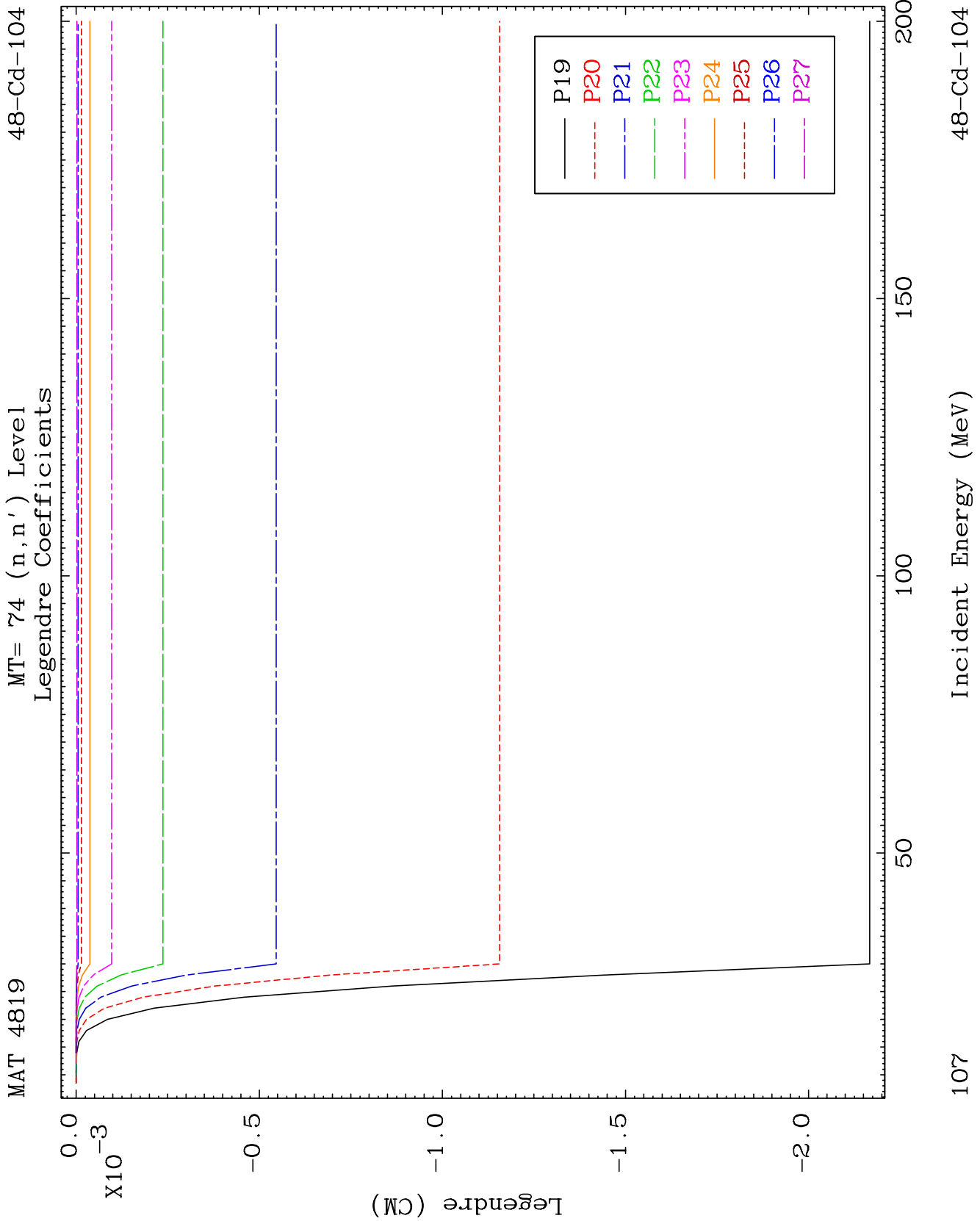
MAT 4819

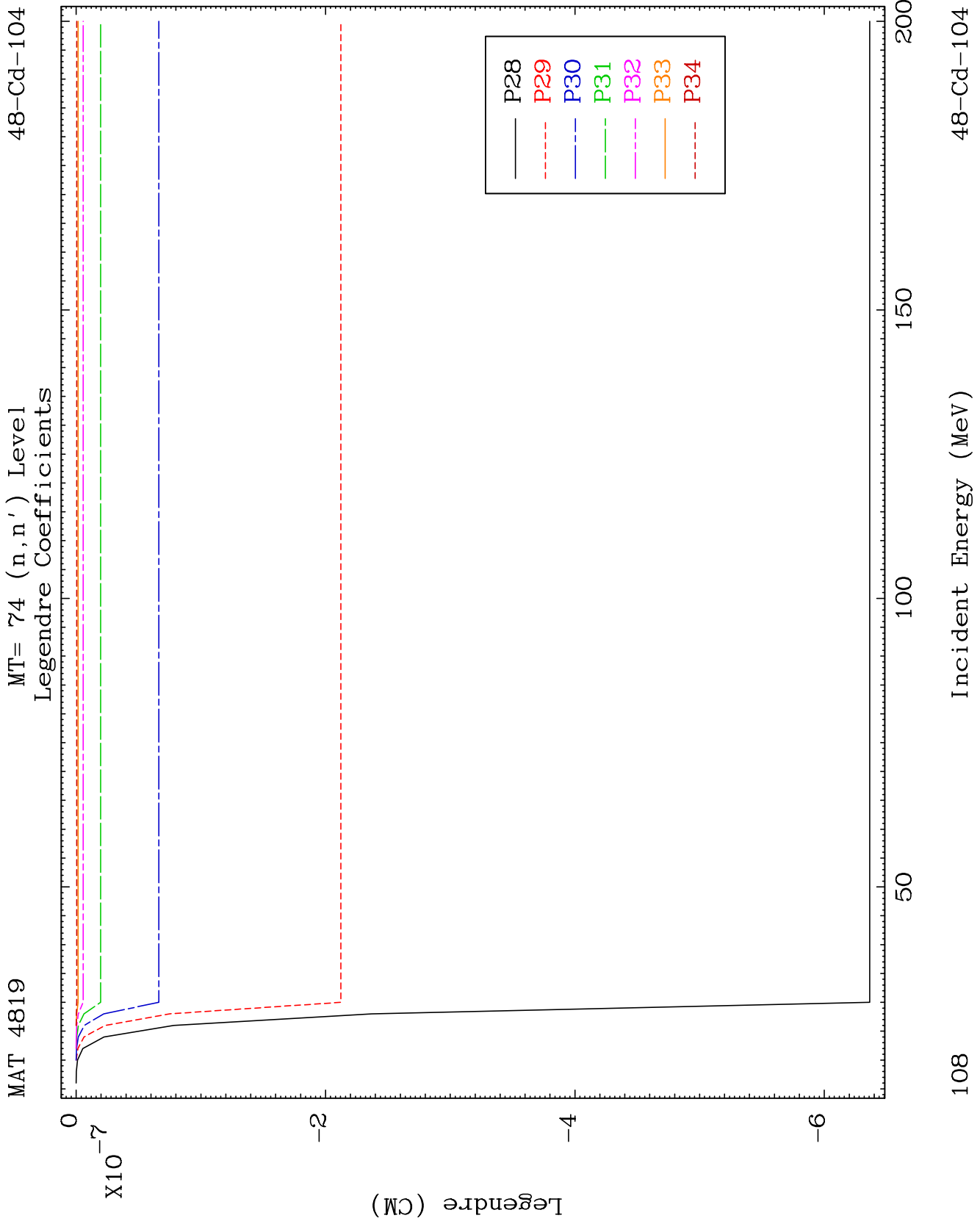
MT= 74 (n,n') Level
Legendre Coefficients

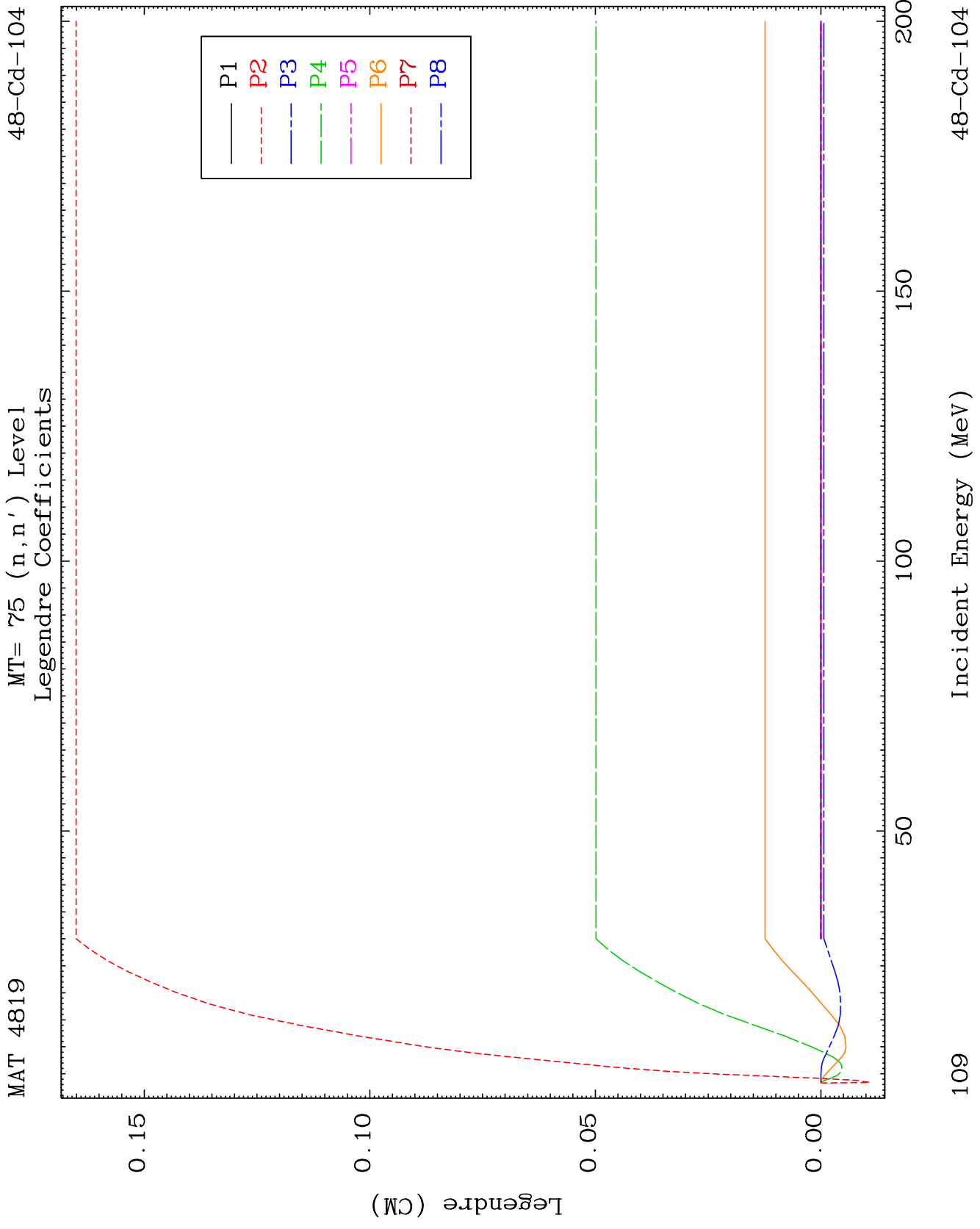
48-Cd-104

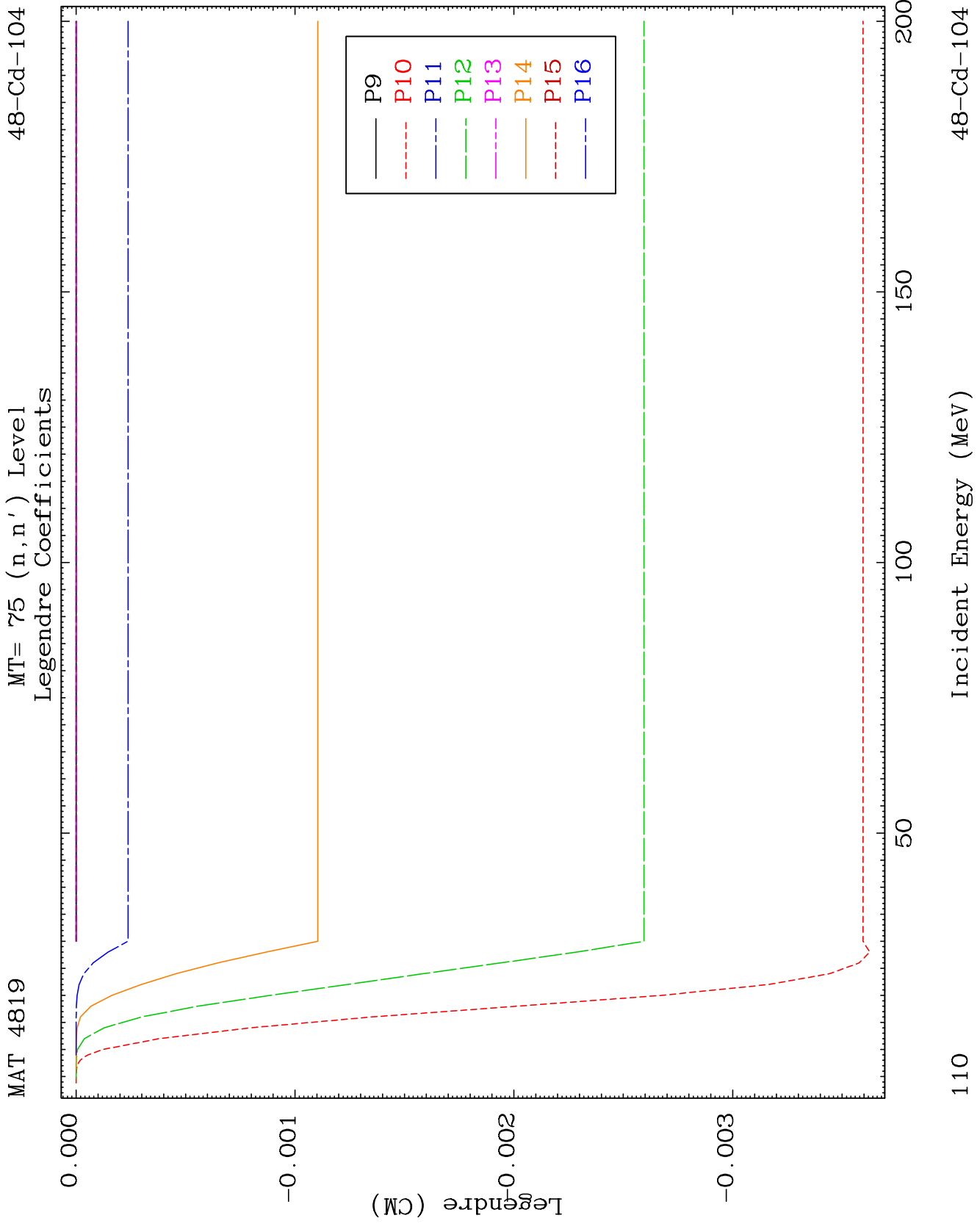


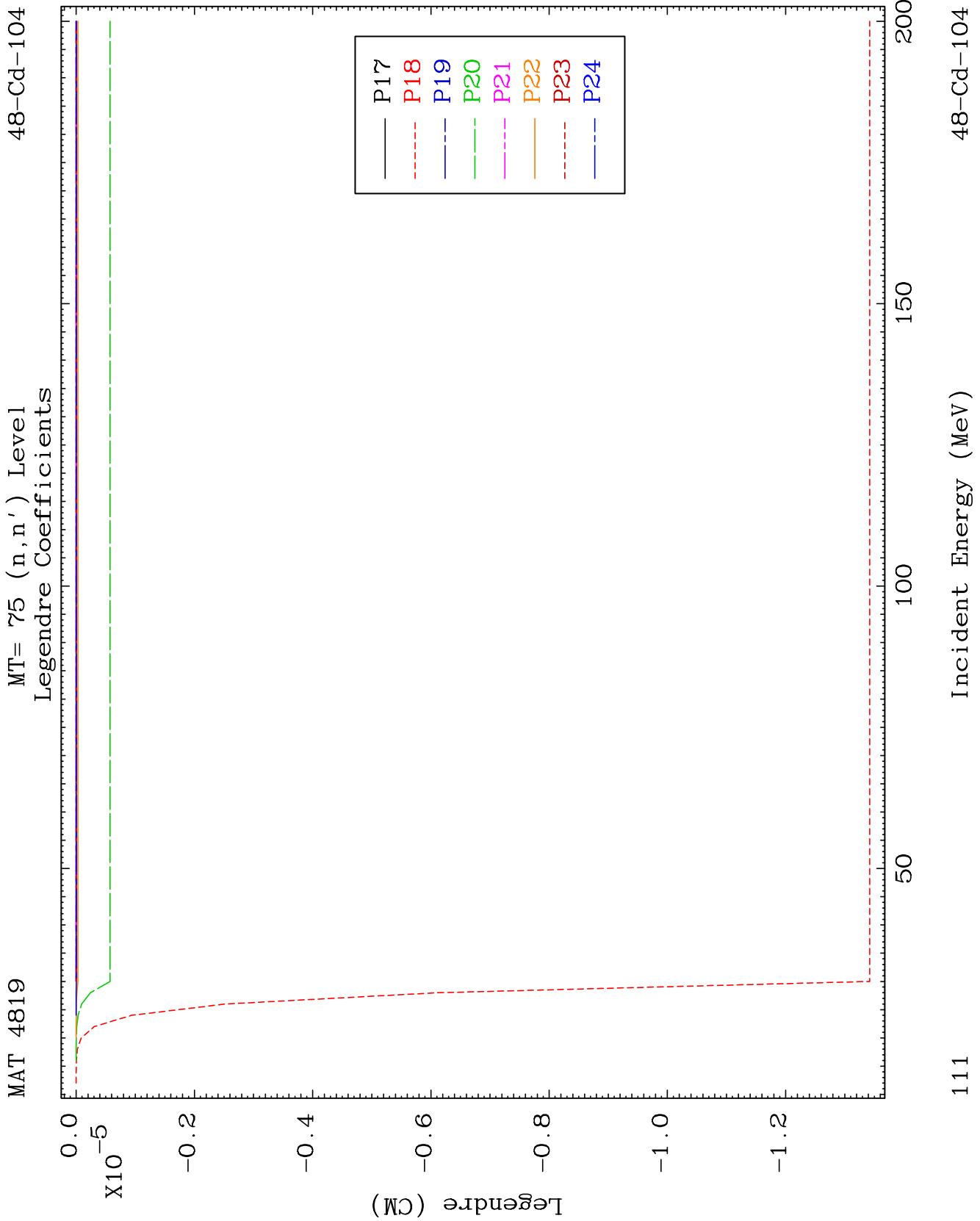
106







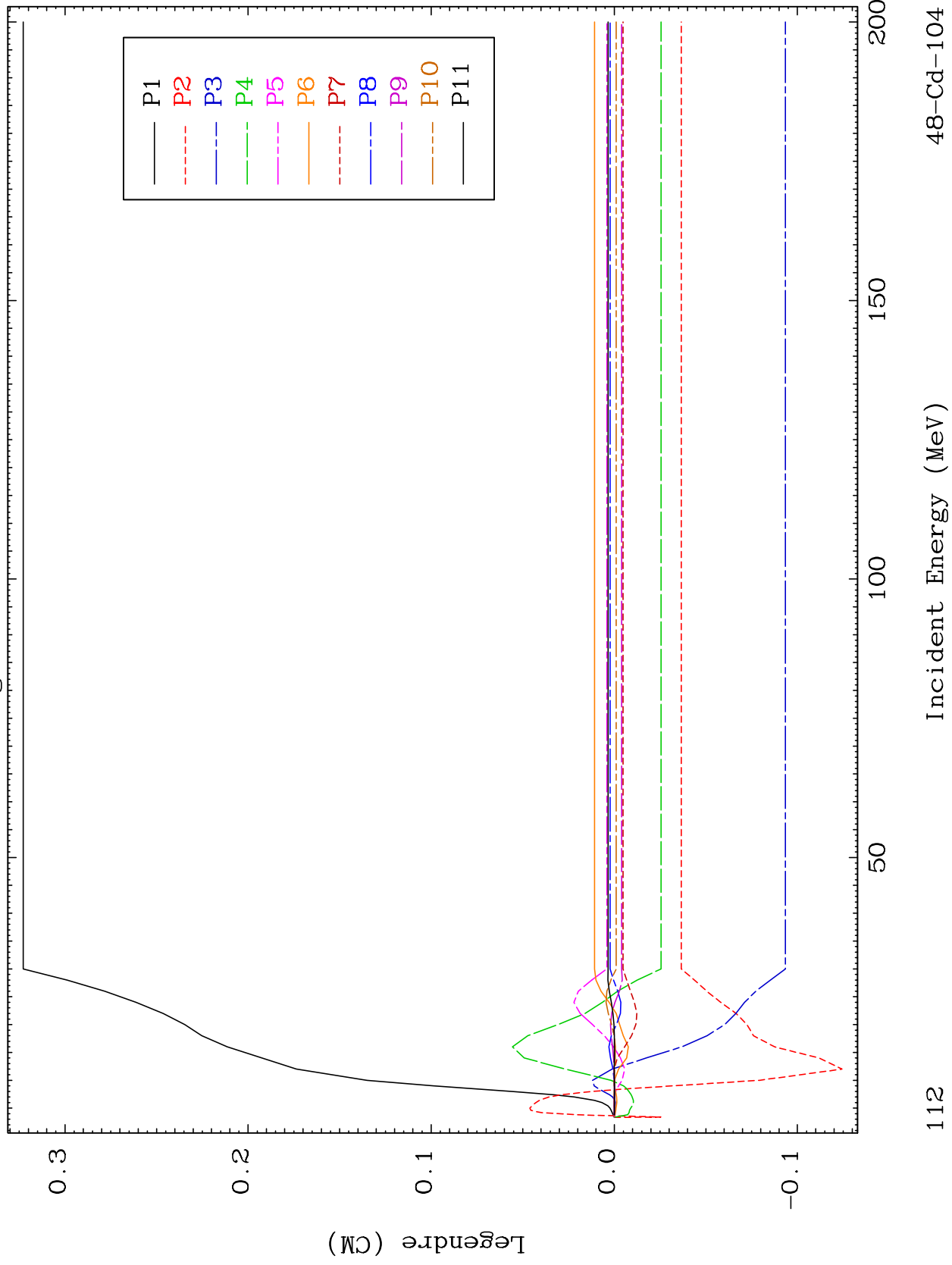




MAT 4819

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

48-Cd-104



112

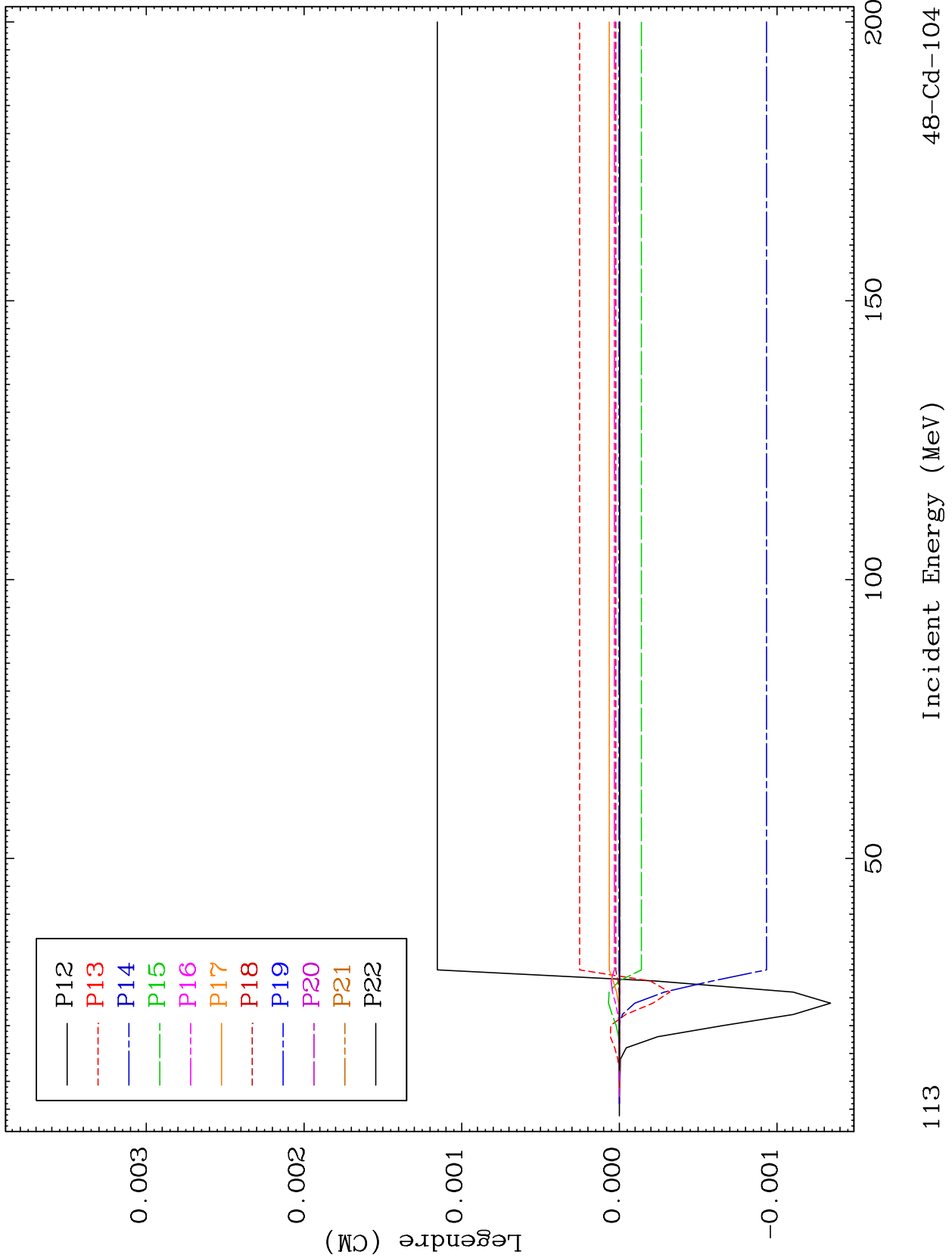
Incident Energy (MeV)

48-Cd-104

MAT 4819

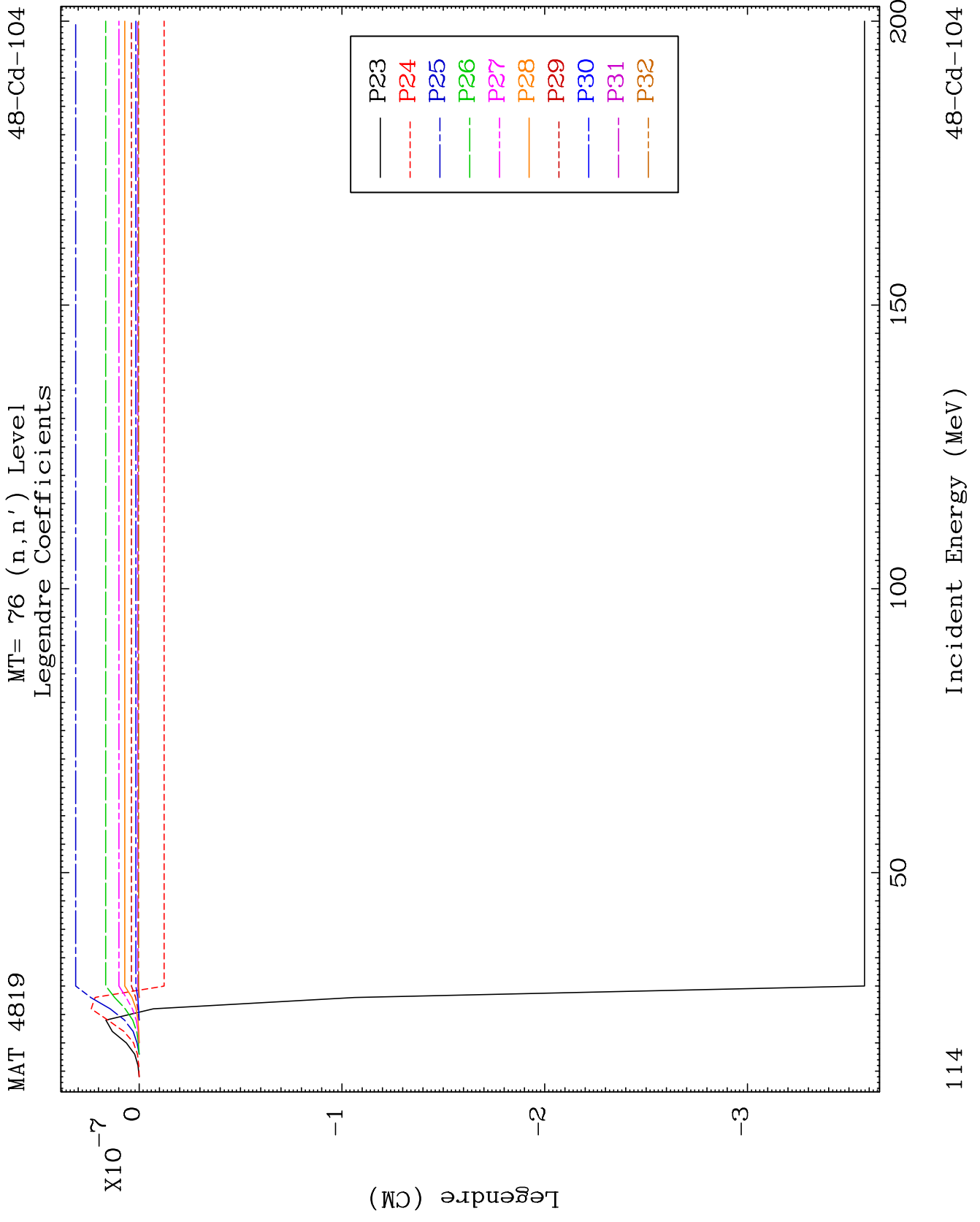
MT= 76 (n,n') Level
Legendre Coefficients

48-Cd-104



113

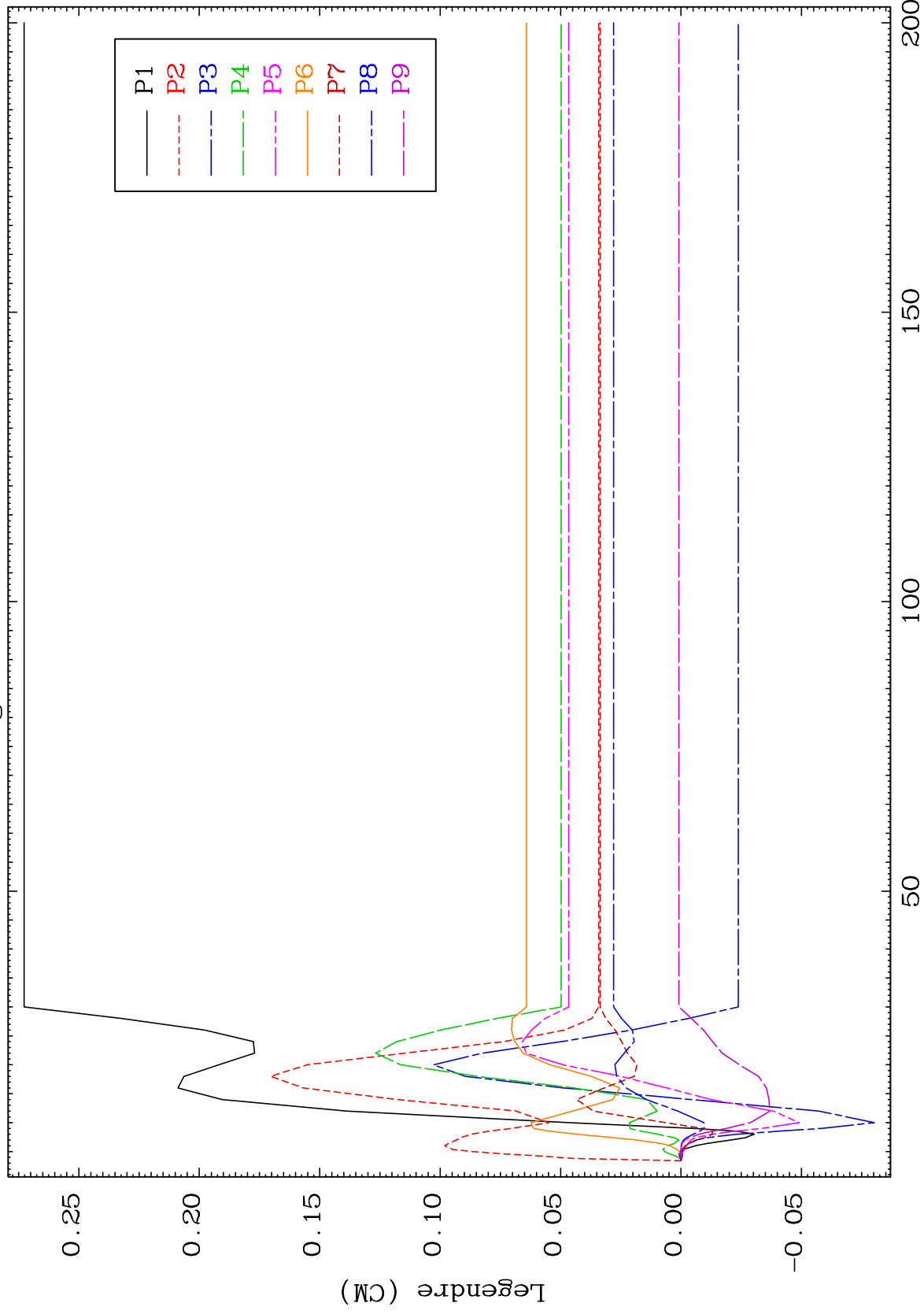
48-Cd-104



MAT 4819

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

48-Cd-104



115

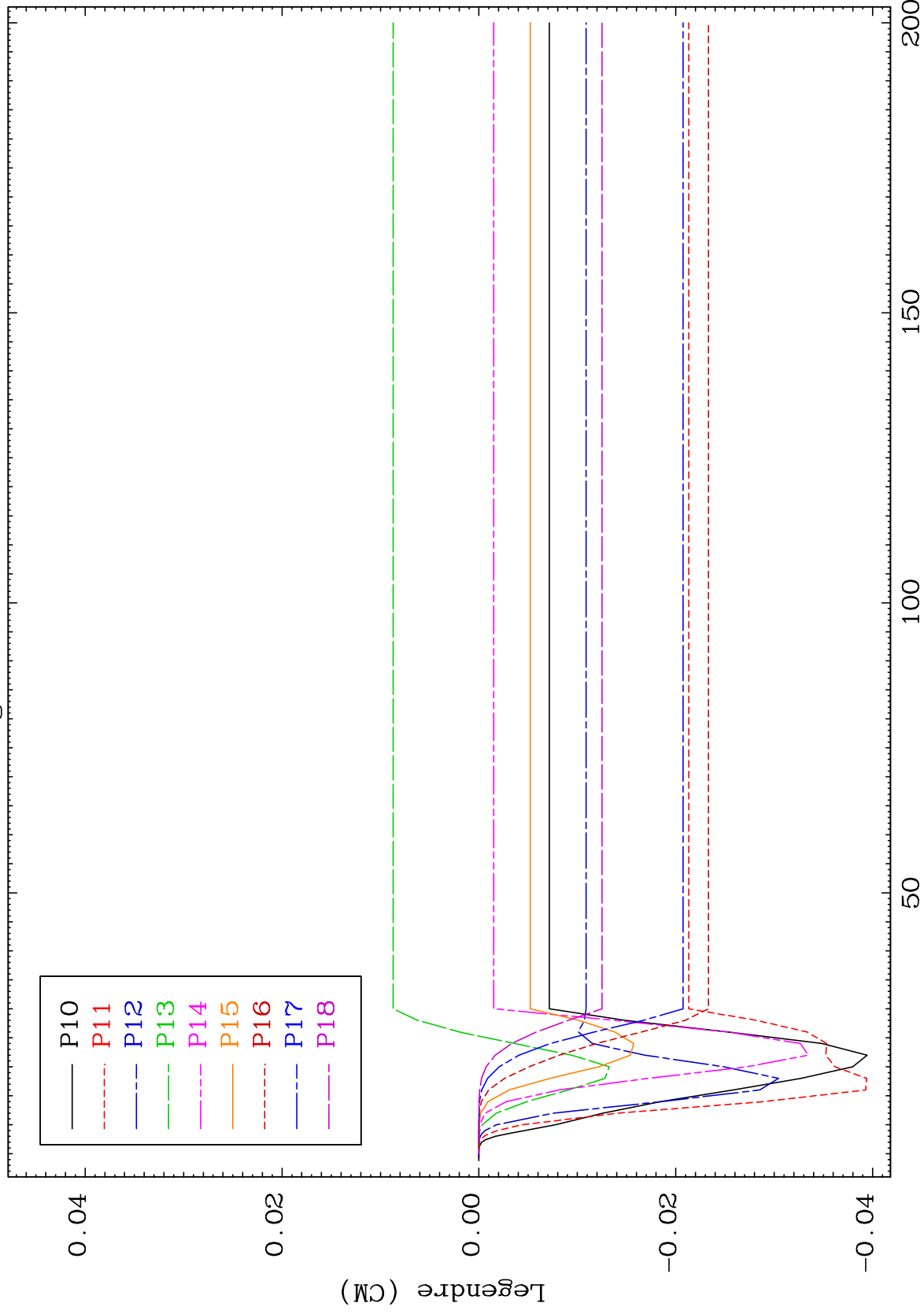
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

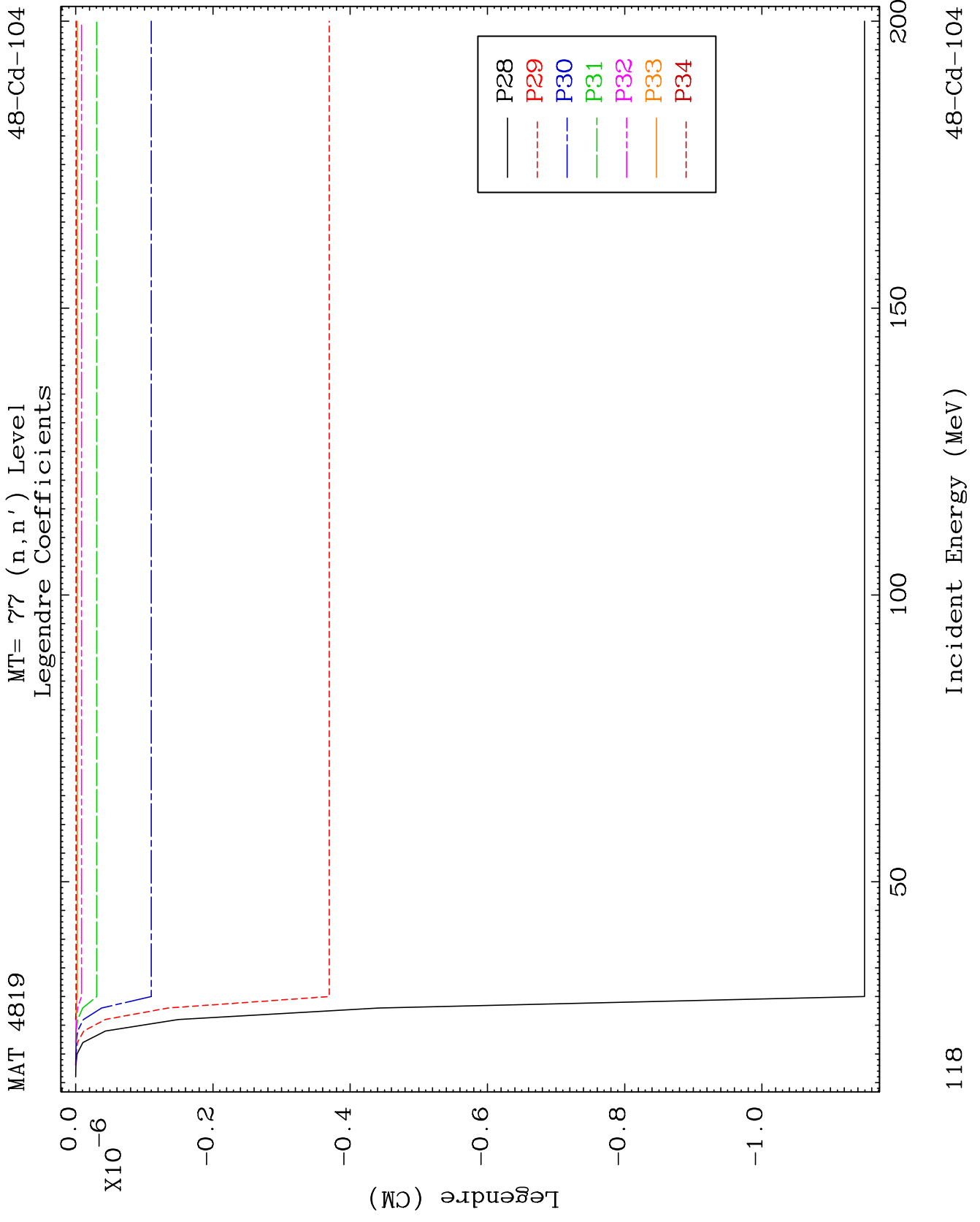
48-Cd-104



116

Incident Energy (MeV)

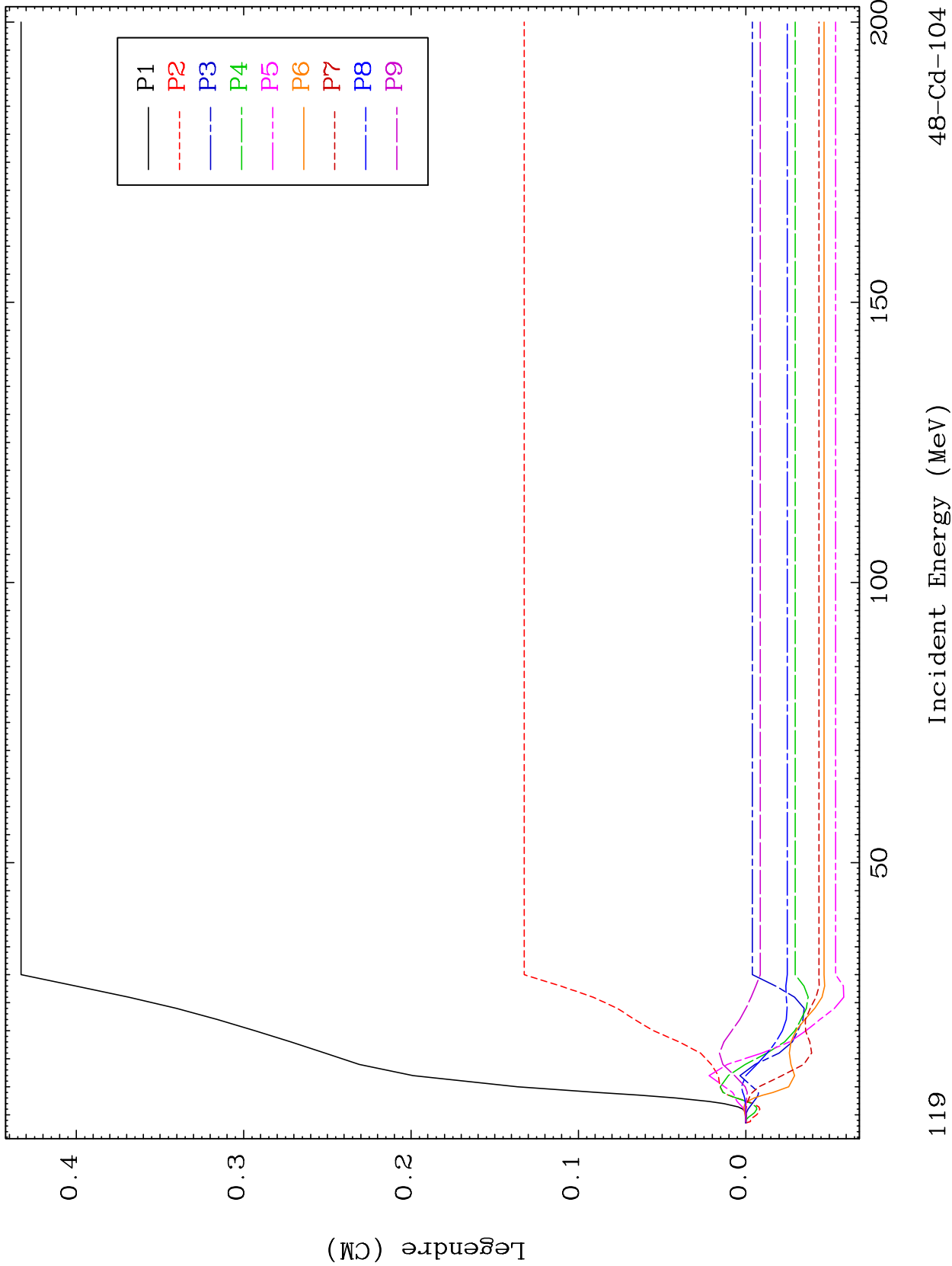
48-Cd-104



MAT 4819

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

48-Cd-104



119

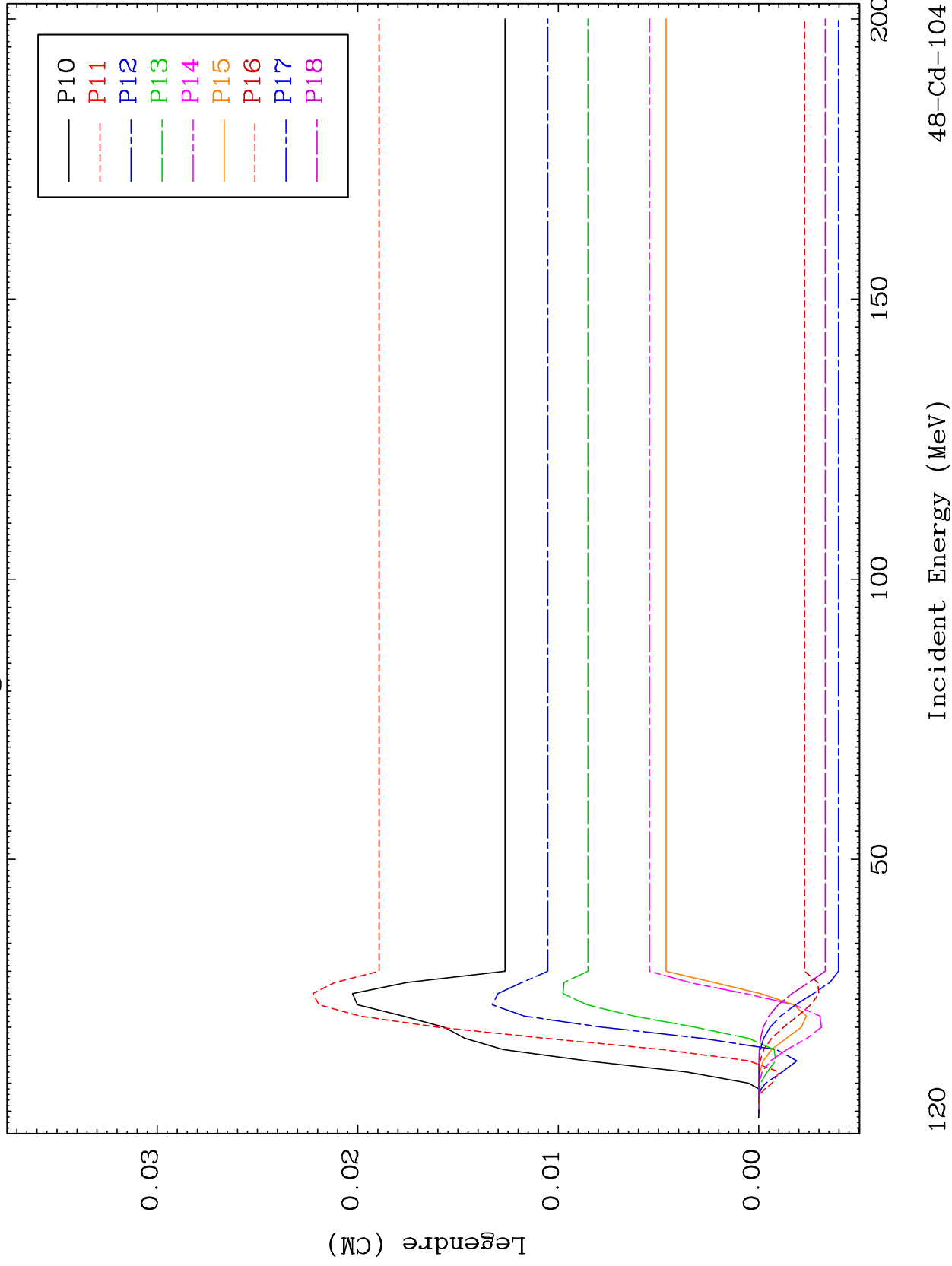
Incident Energy (MeV)

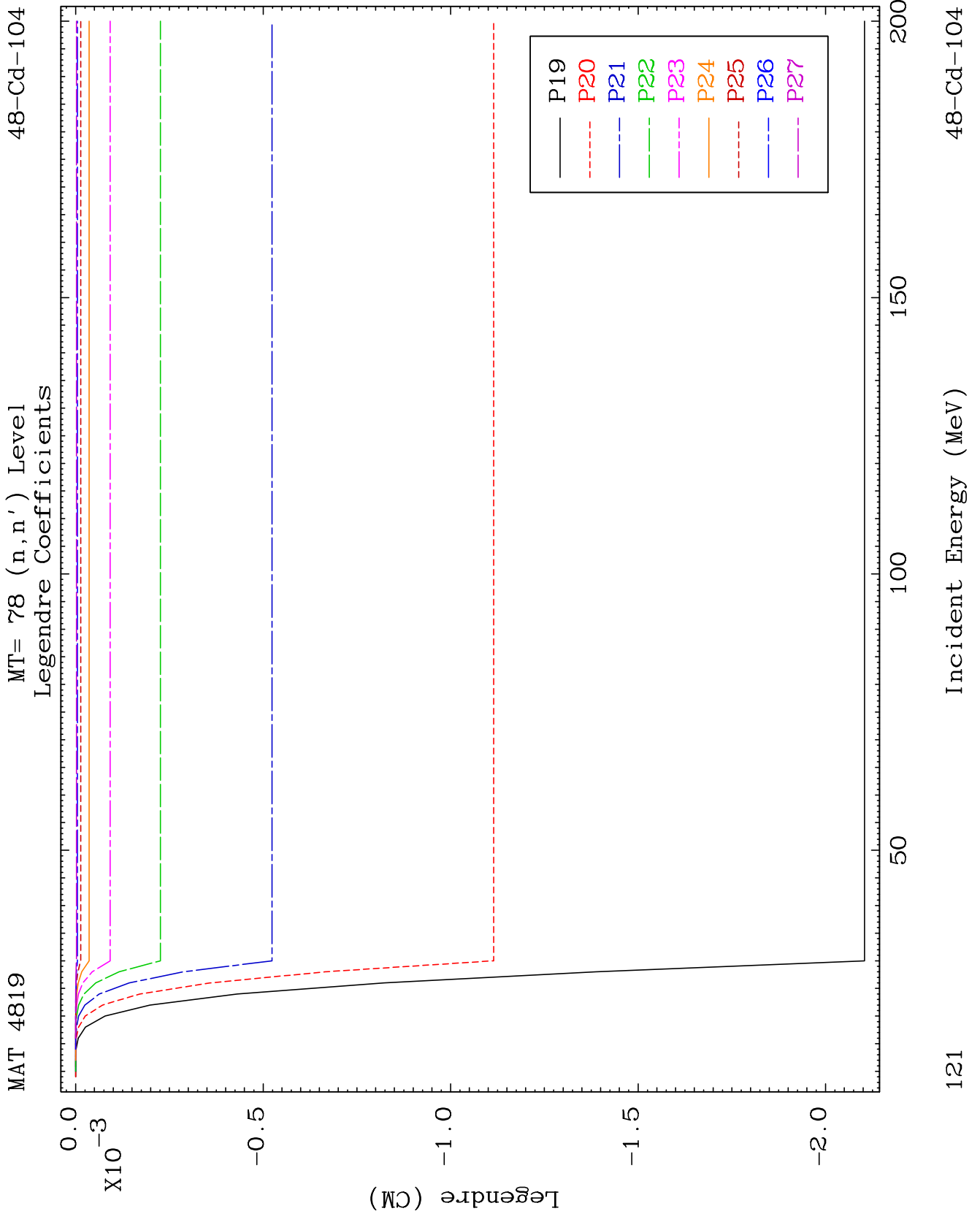
48-Cd-104

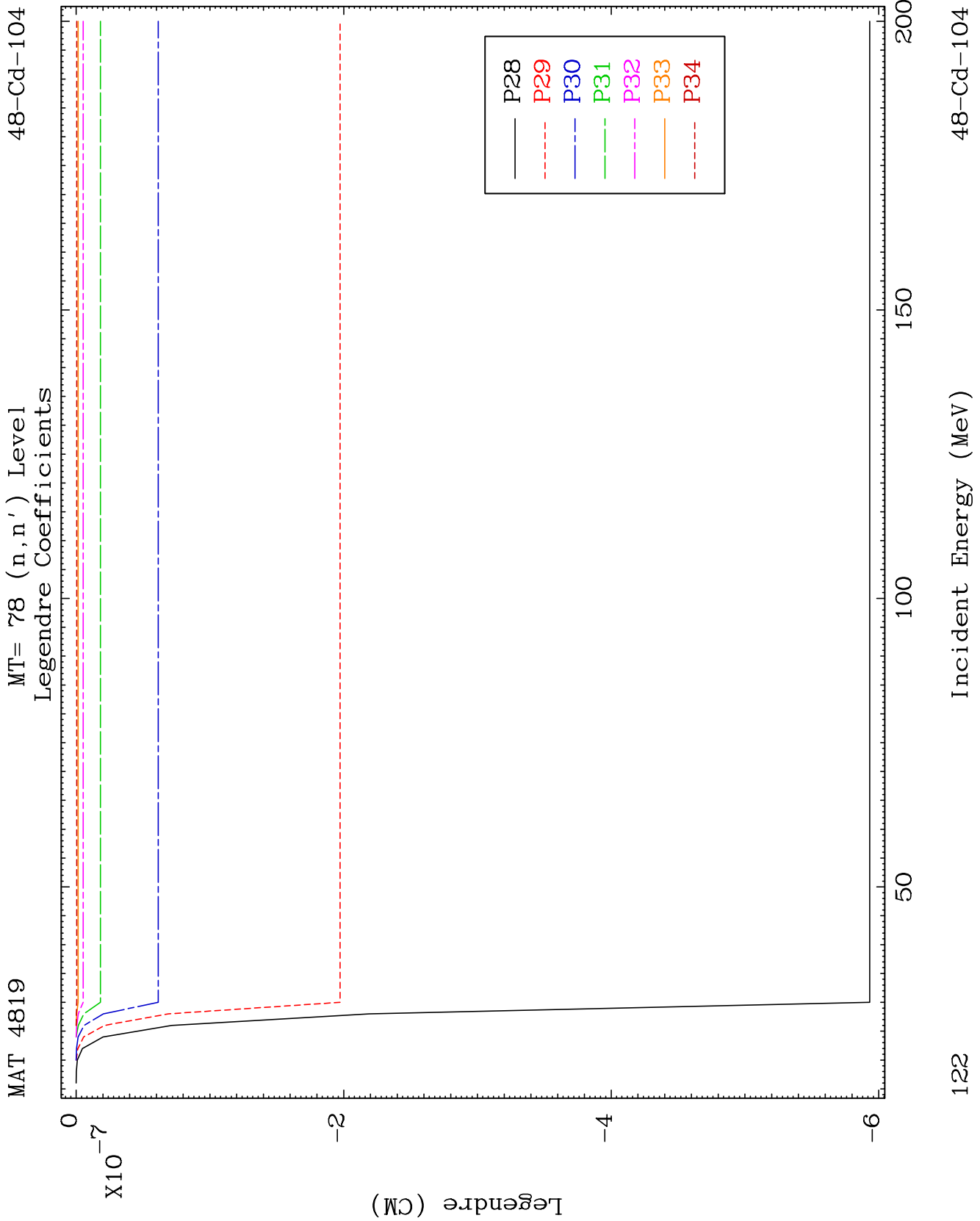
MAT 4819

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

48-Cd-104



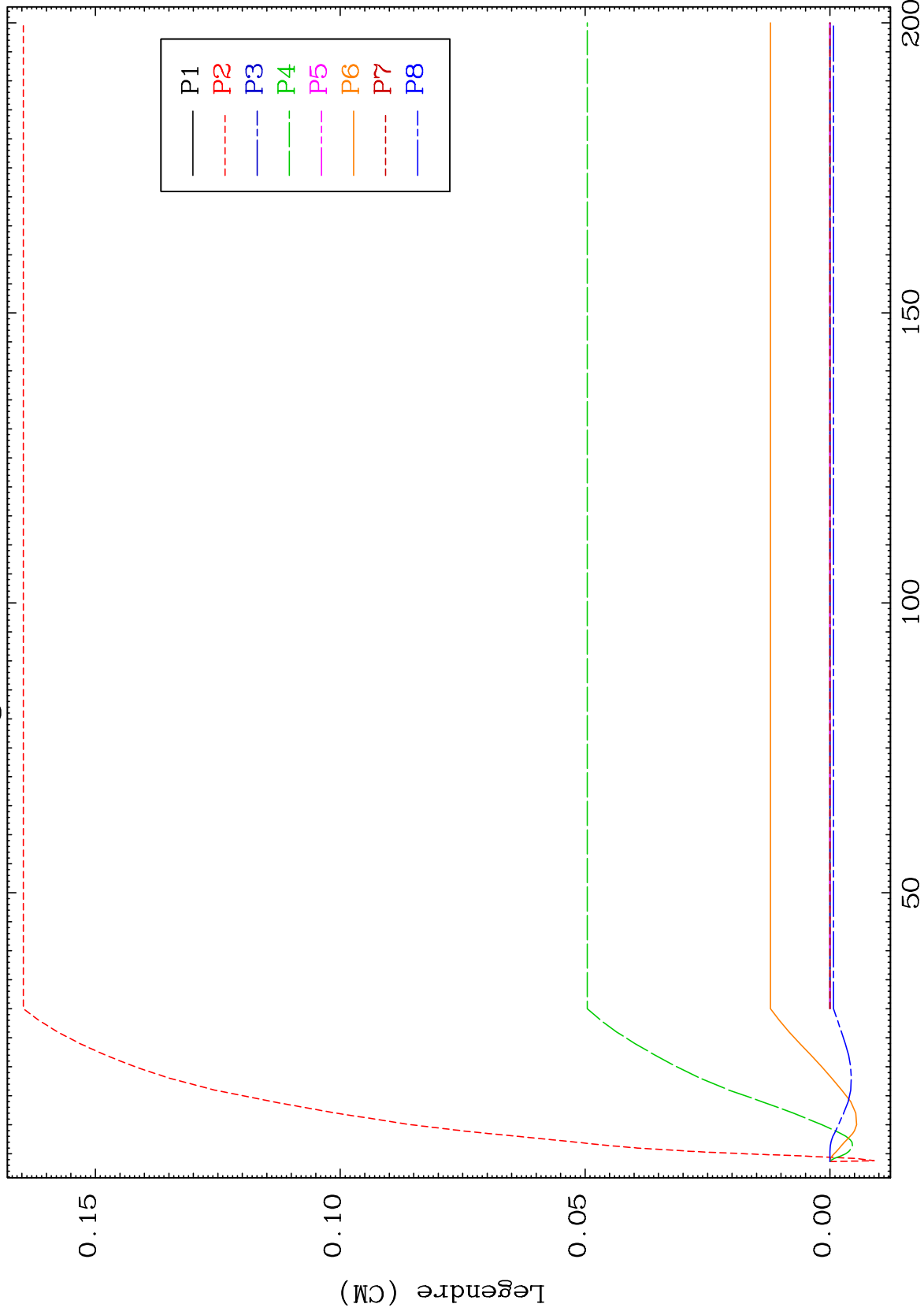




MAT 4819

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

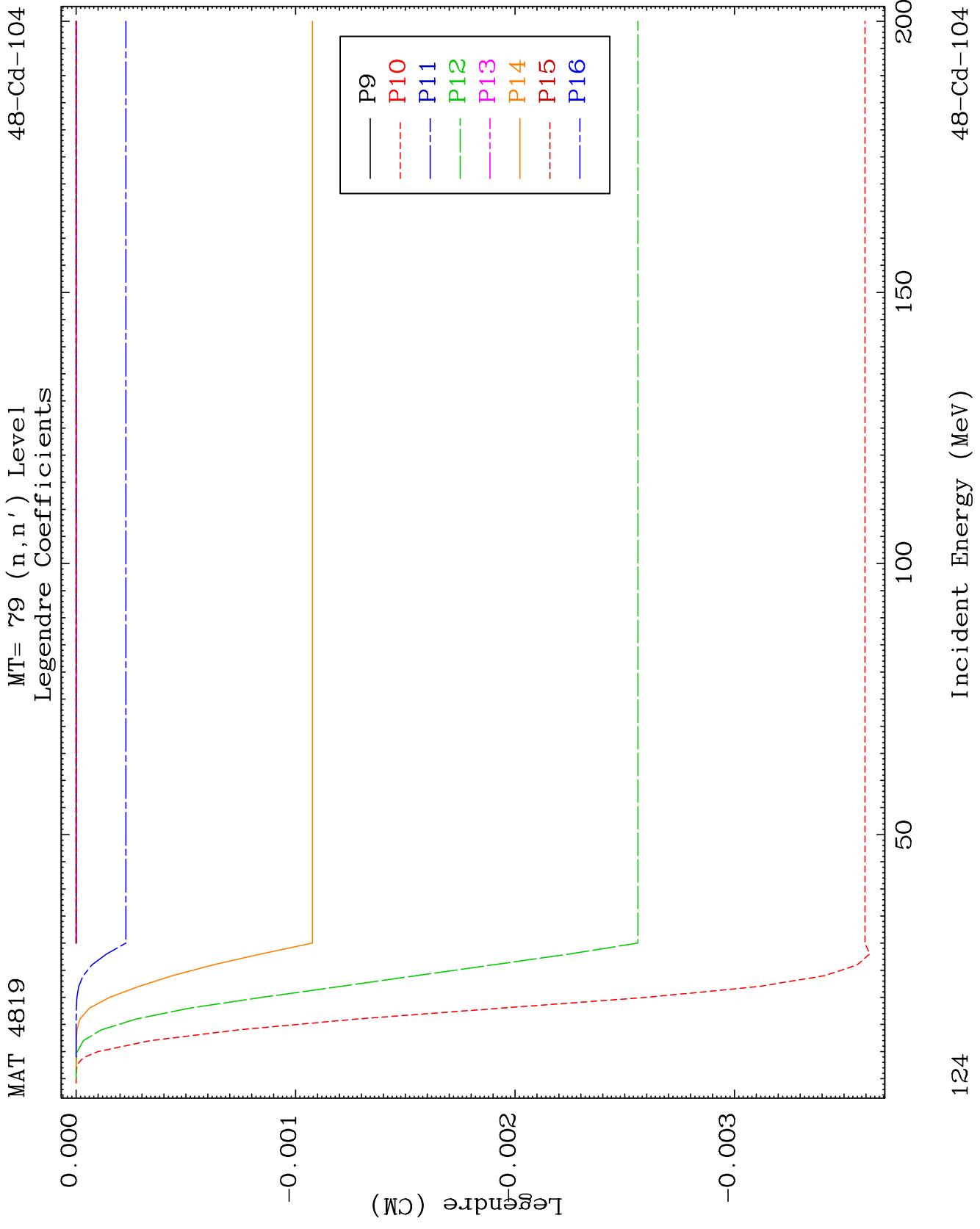
48-Cd-104

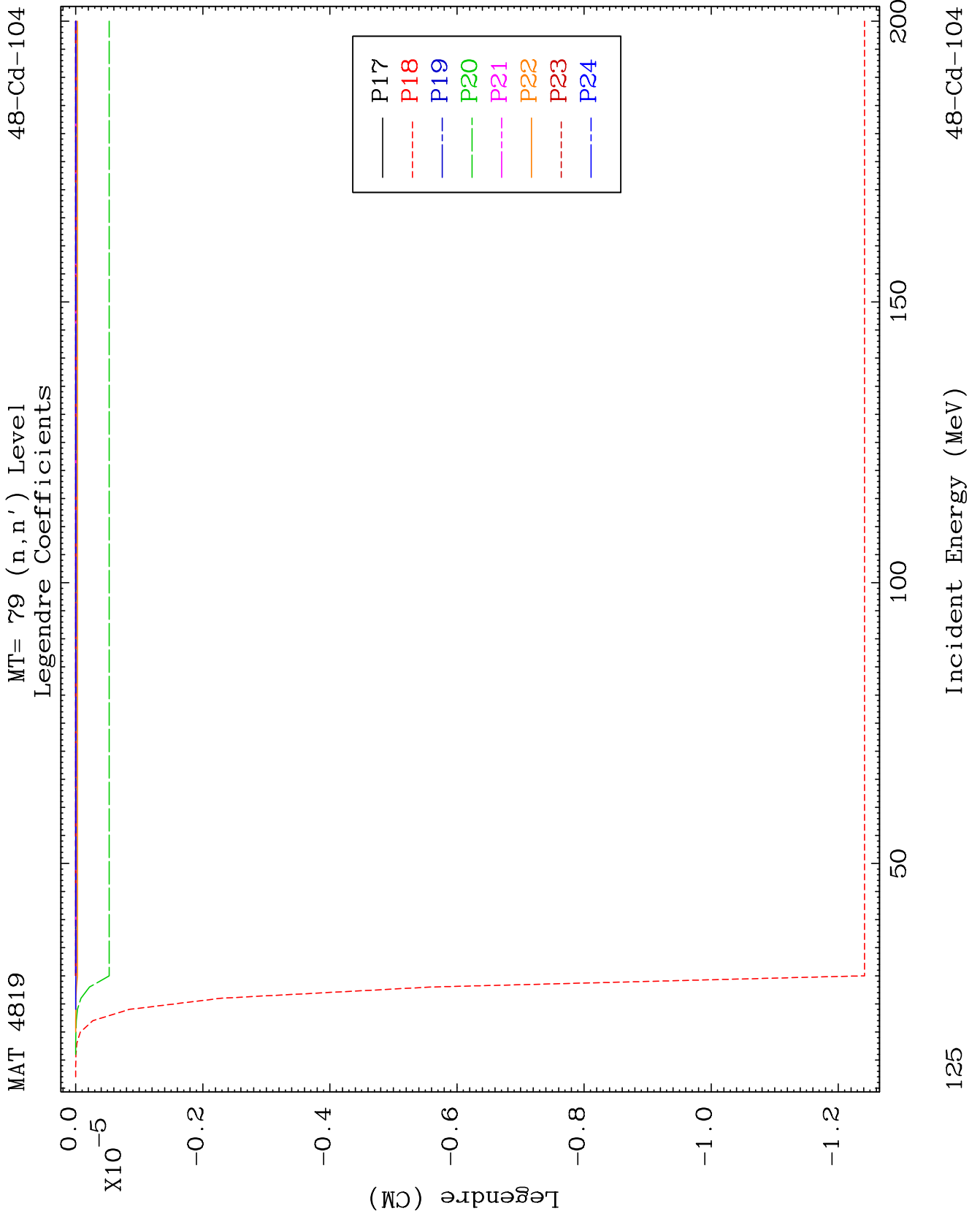


123

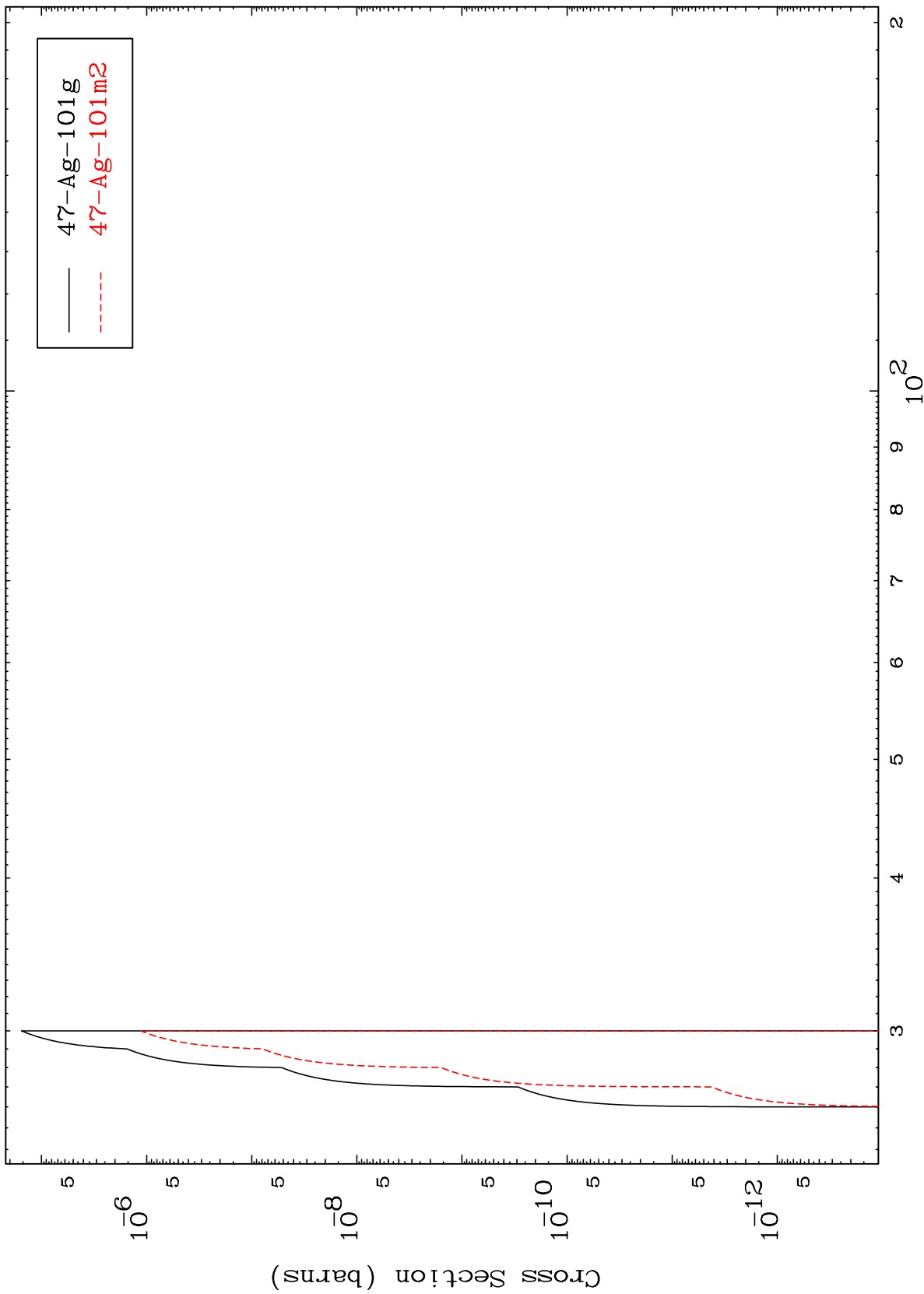
Incident Energy (MeV)

48-Cd-104





Radionuclide Production Cross Section

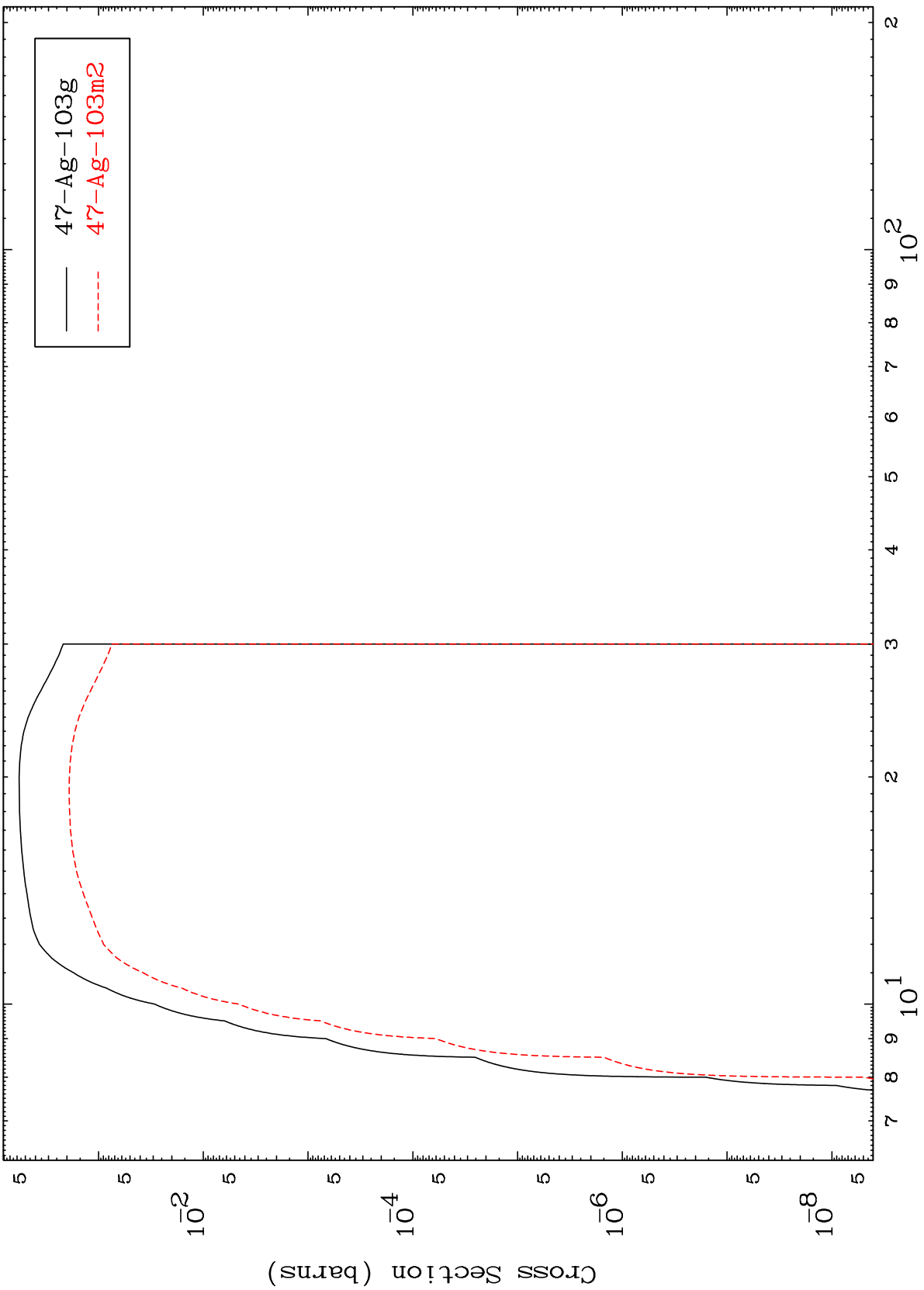


MAT 4819

(n,n') p

48-Cd-104

Radionuclide Production Cross Section

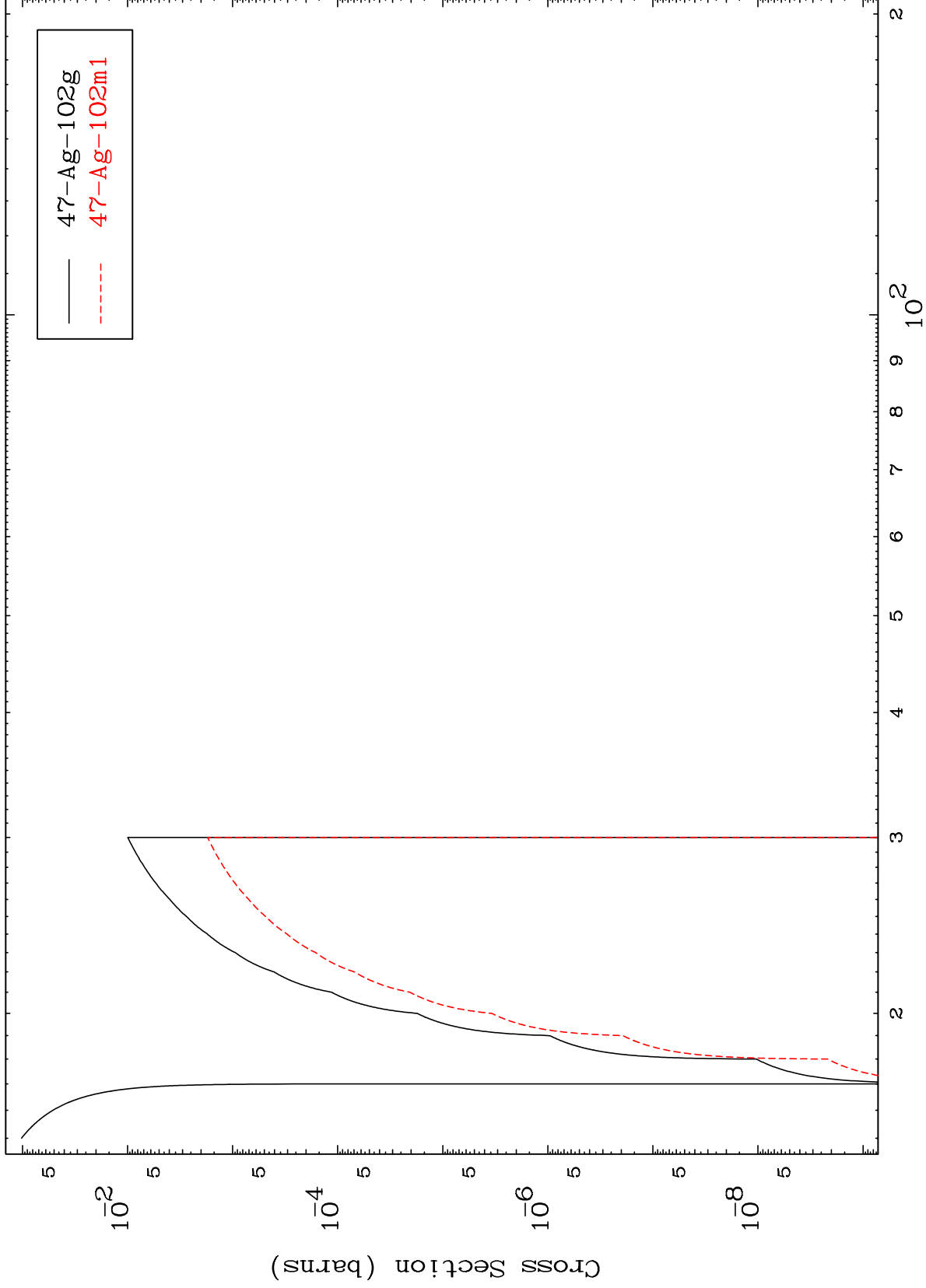


127

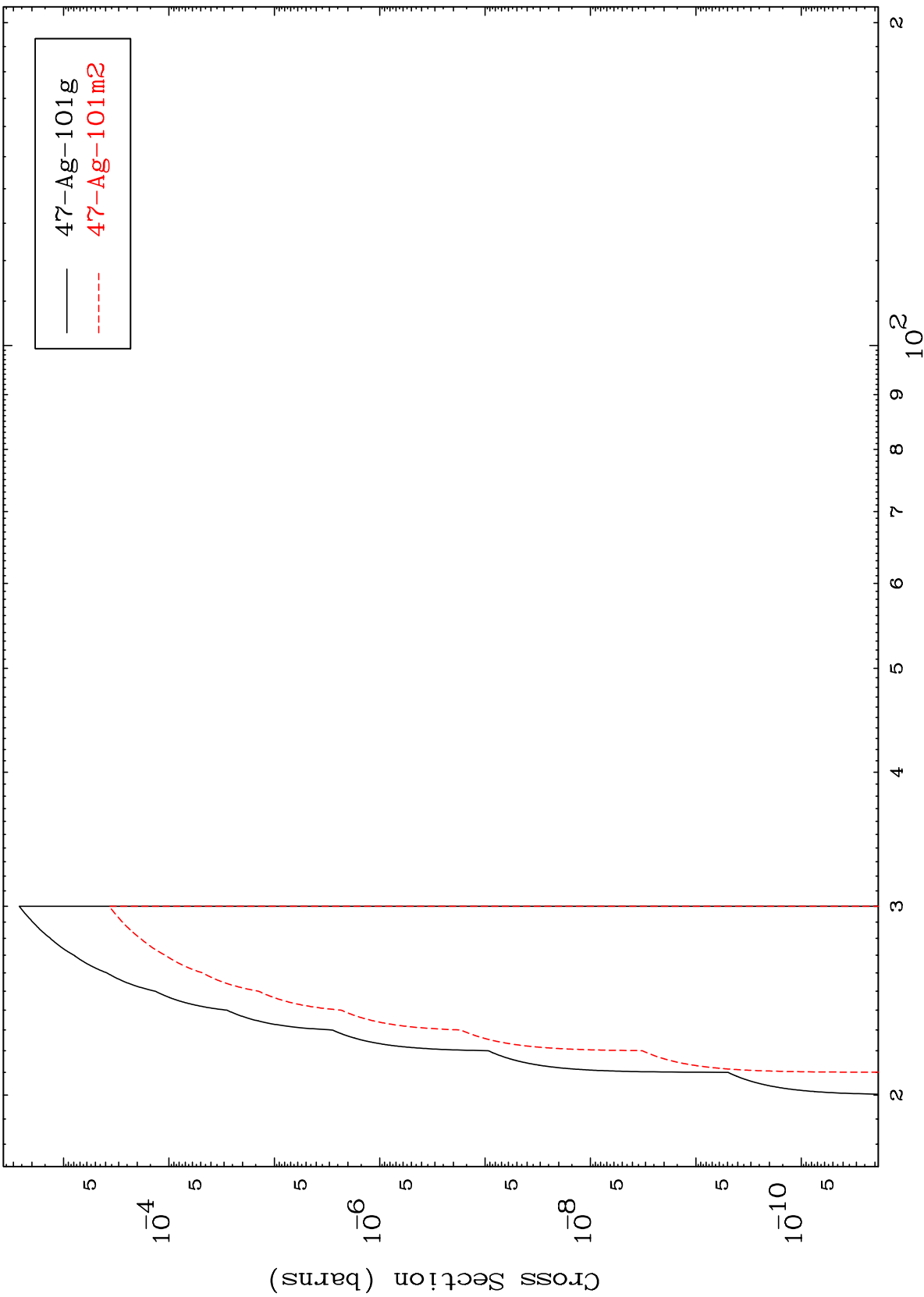
Incident Energy (MeV)

48-Cd-104

Radionuclide Production Cross Section



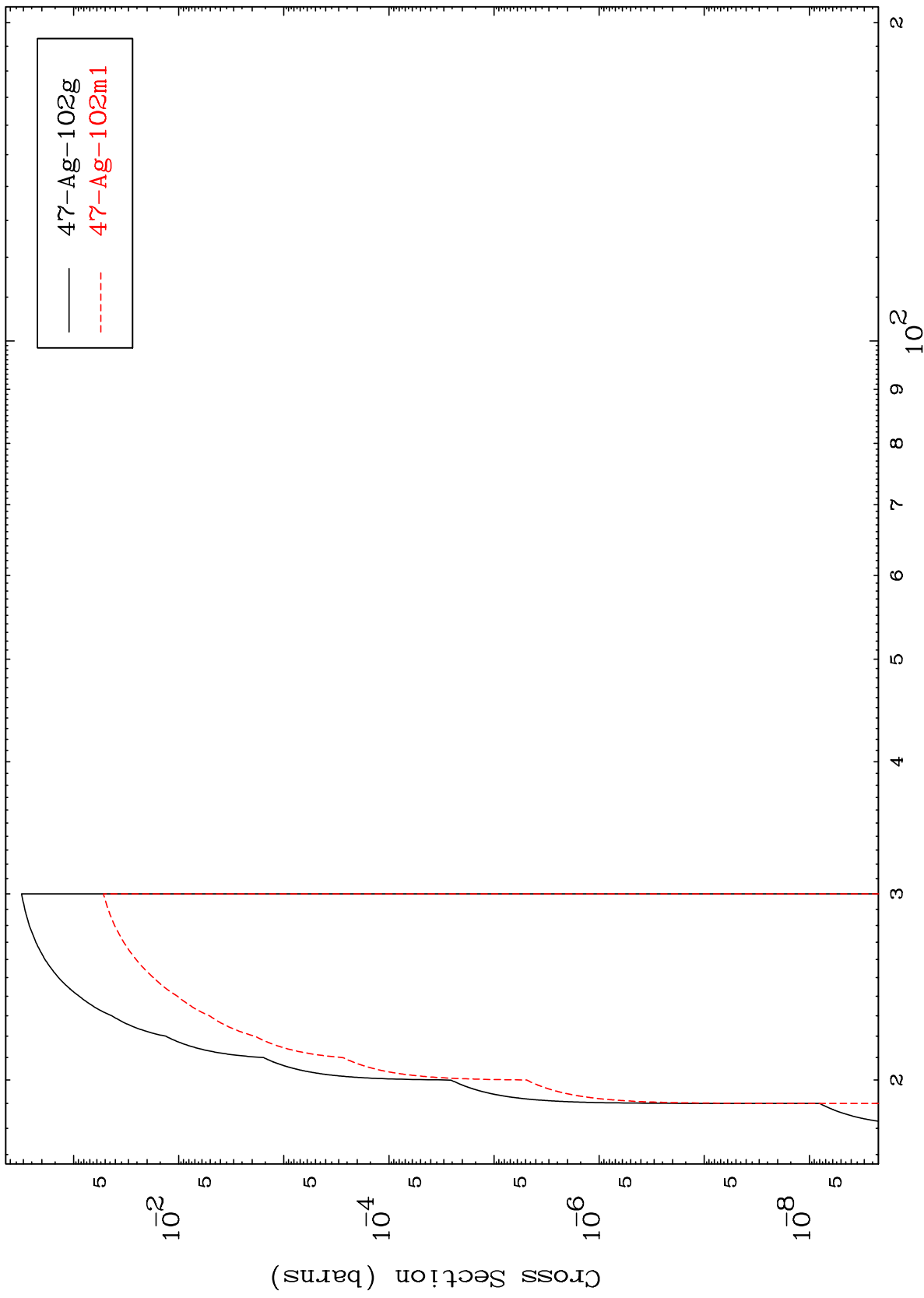
Radionuclide Production Cross Section



MAT 4819

48-Cd-104

(n,2n) p
Radionuclide Production Cross Section



130

Incident Energy (MeV)

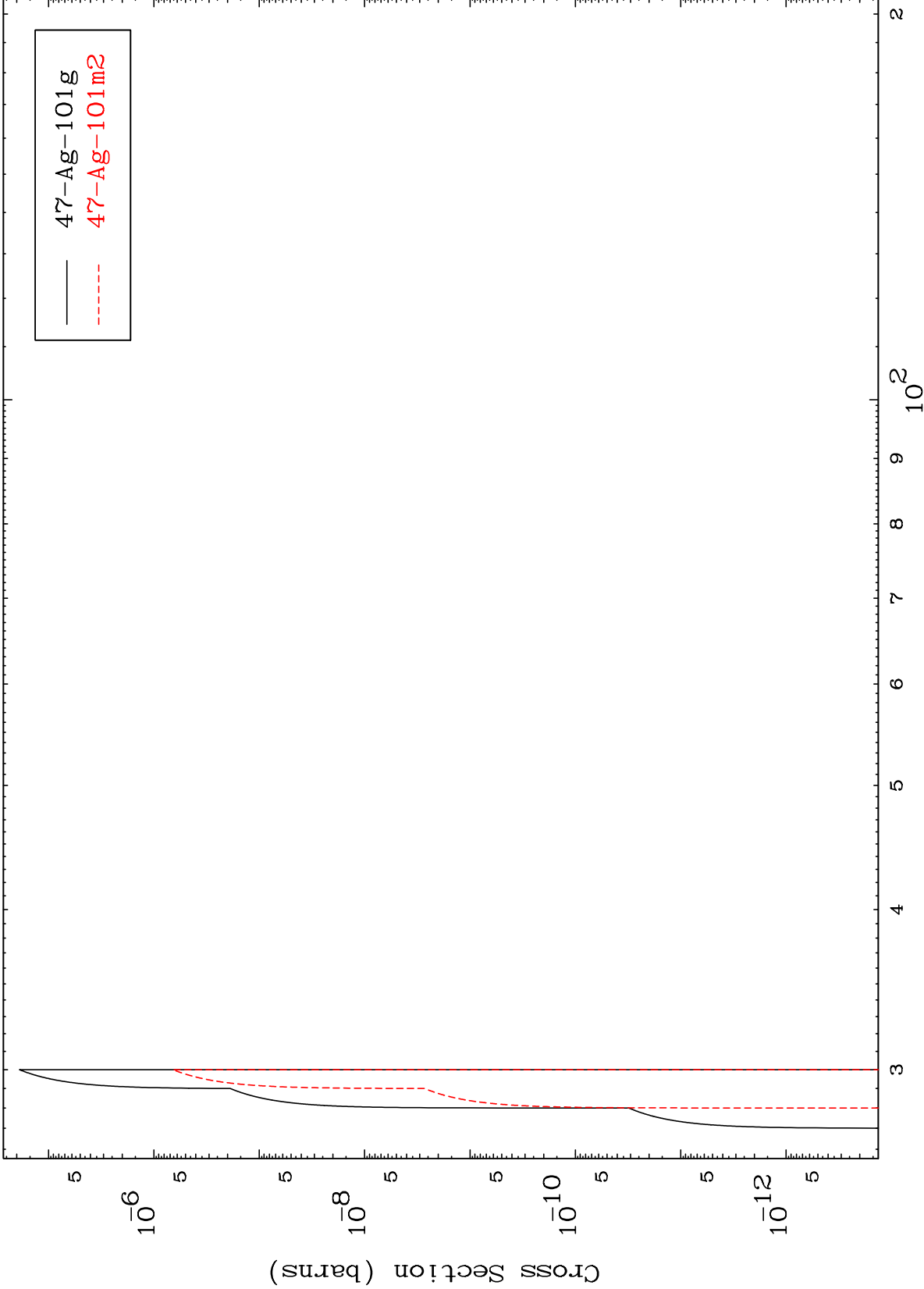
48-Cd-104

MAT 4819

(n,3n) p

48-Cd-104

Radionuclide Production Cross Section



131

Incident Energy (MeV)

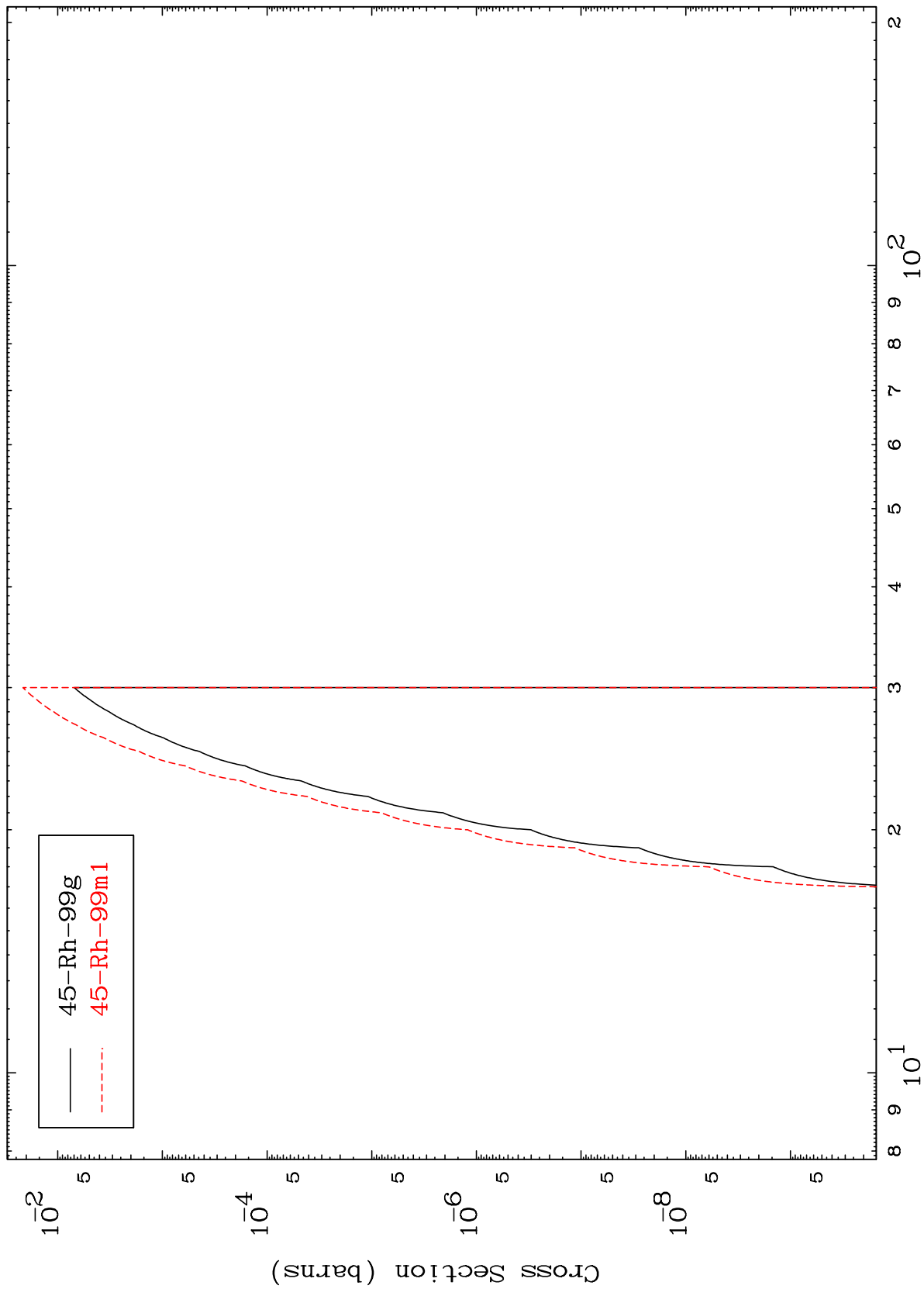
48-Cd-104

MAT 4819

(n,n') p α

48-Cd-104

Radionuclide Production Cross Section

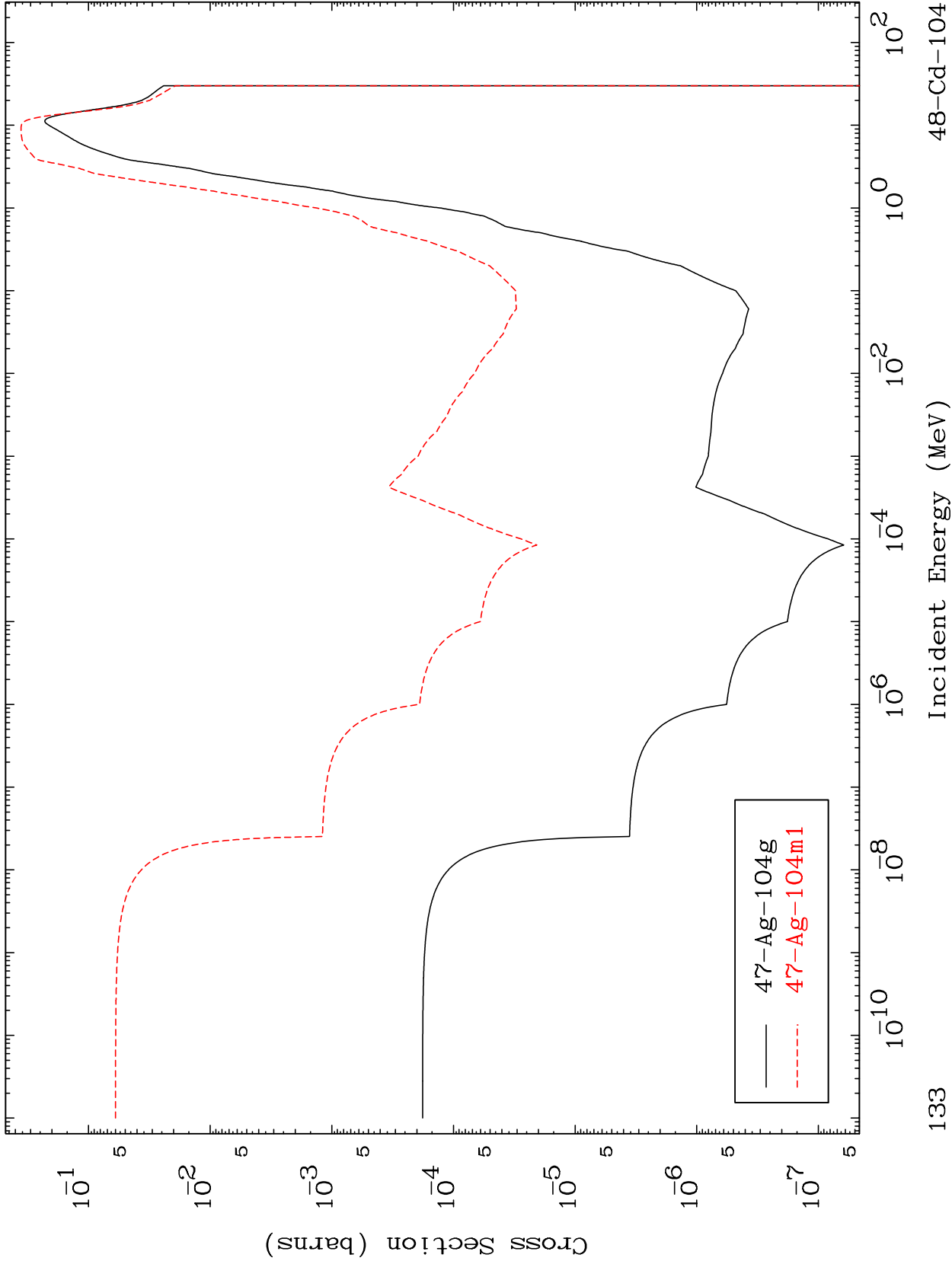


45-Rh-99g
45-Rh-99m1

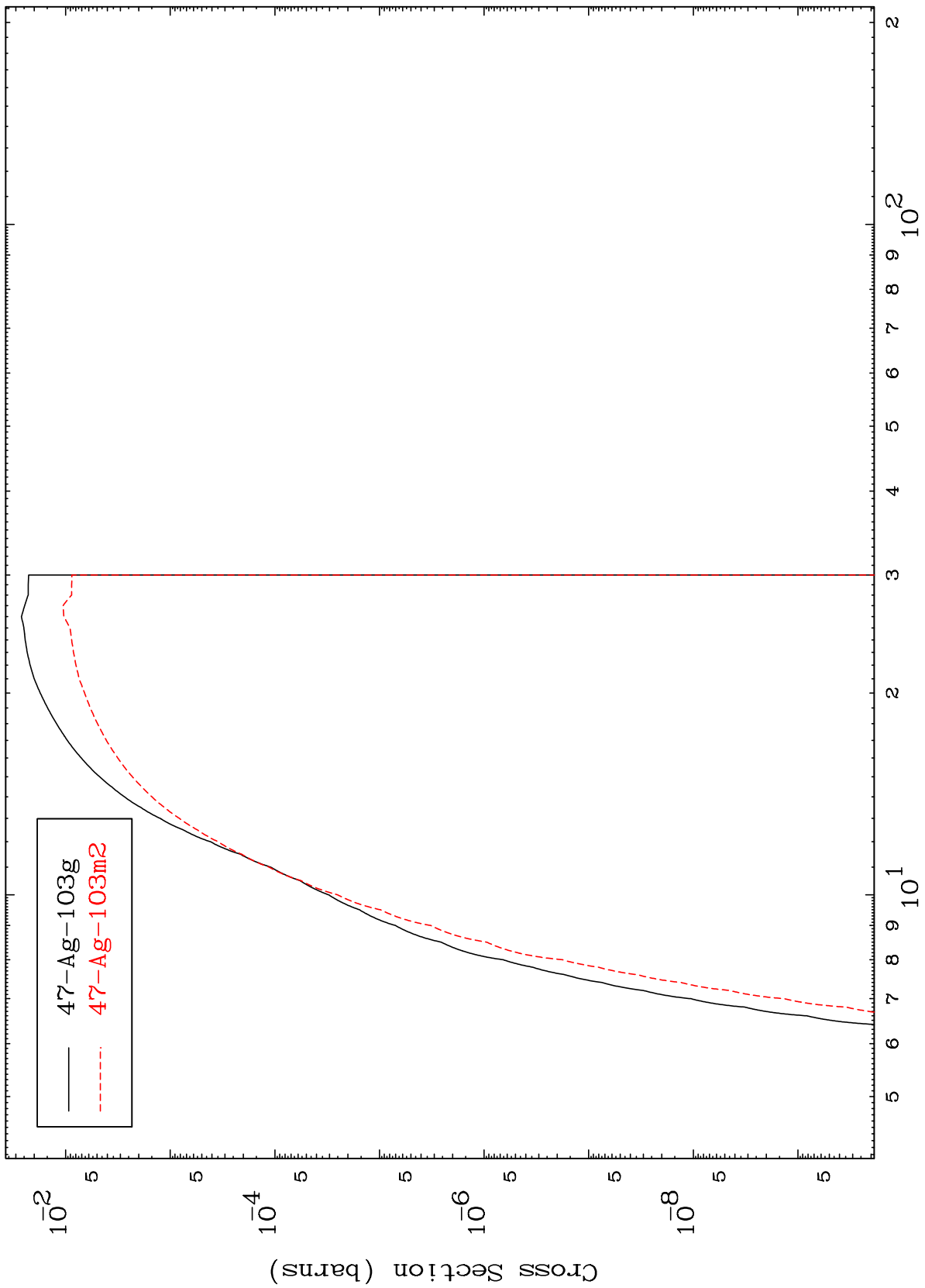
MAT 4819

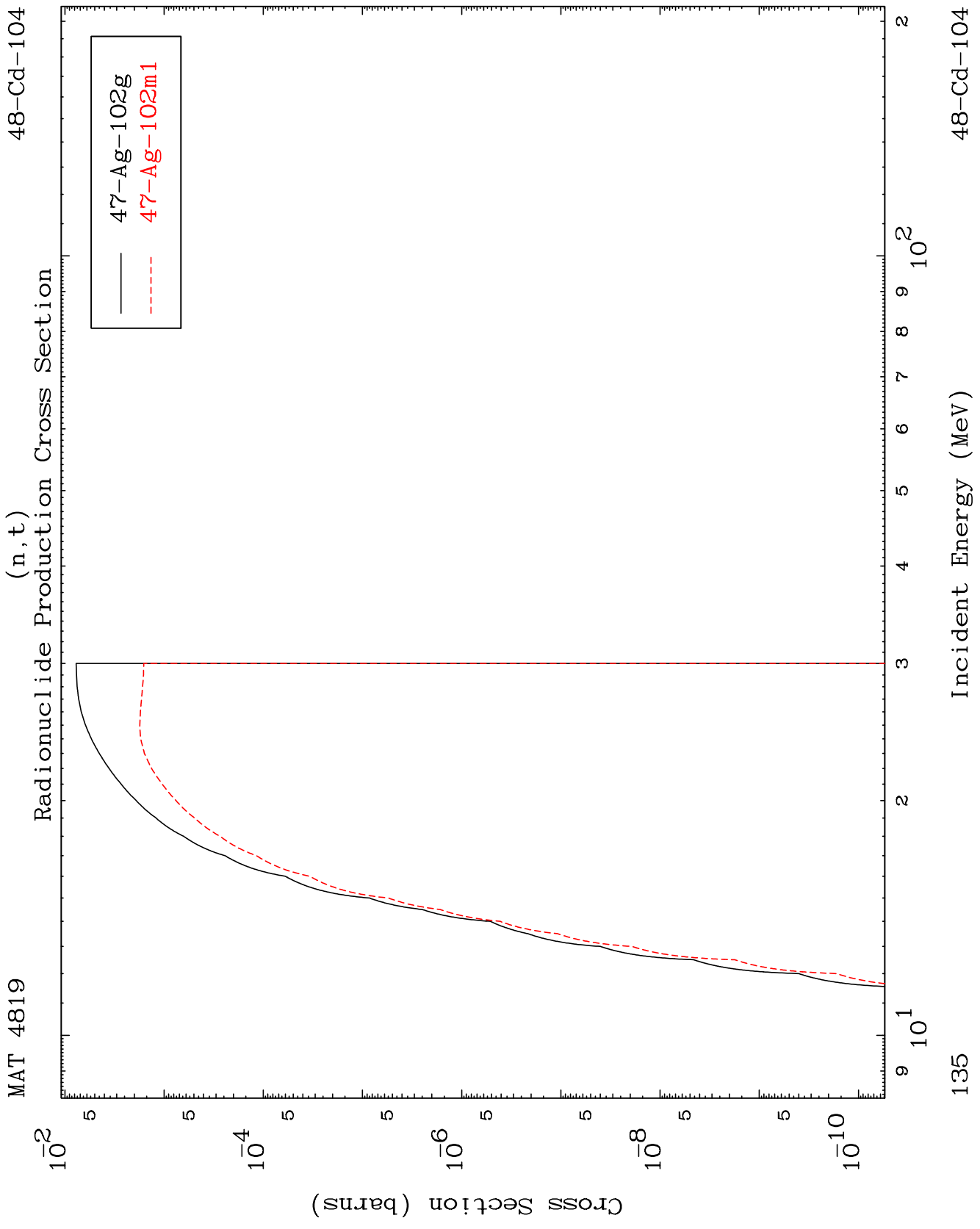
48-Cd-104

(n,p)
Radionuclide Production Cross Section



(n,d)
Radionuclide Production Cross Section



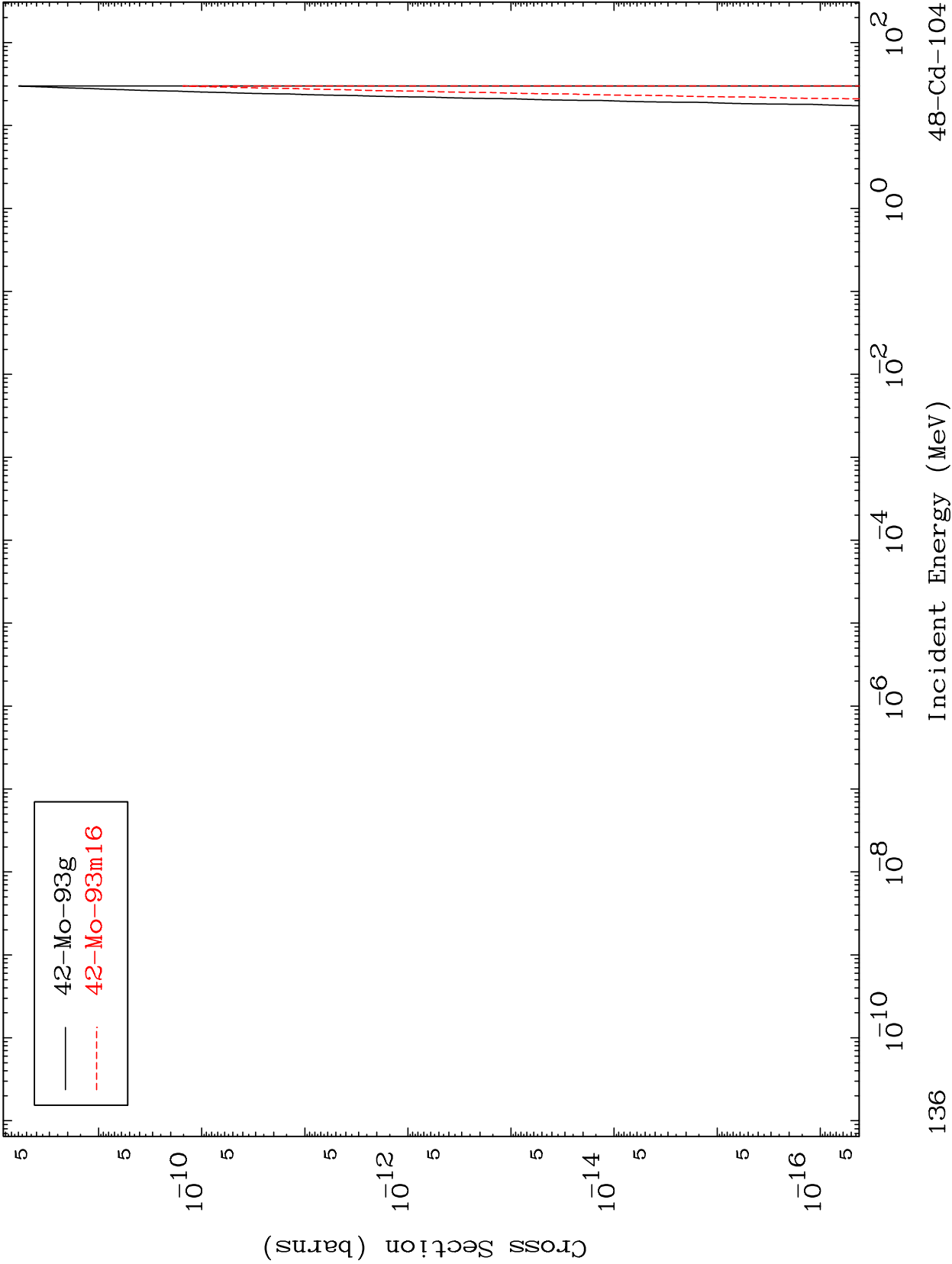


MAT 4819

(n,3α)

48-Cd-104

Radionuclide Production Cross Section

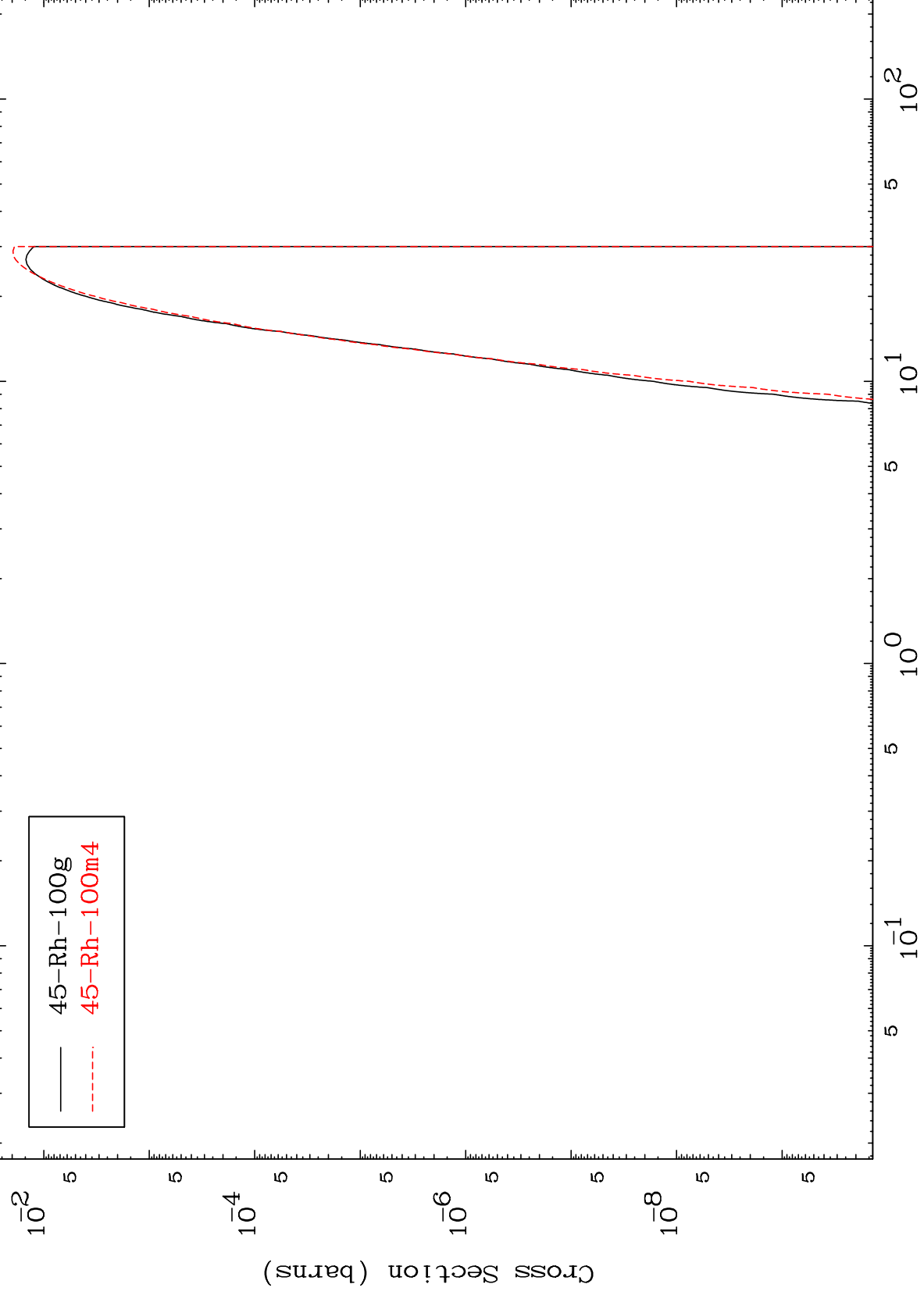


MAT 4819

(n,p) α

48-Cd-104

Radionuclide Production Cross Section



137

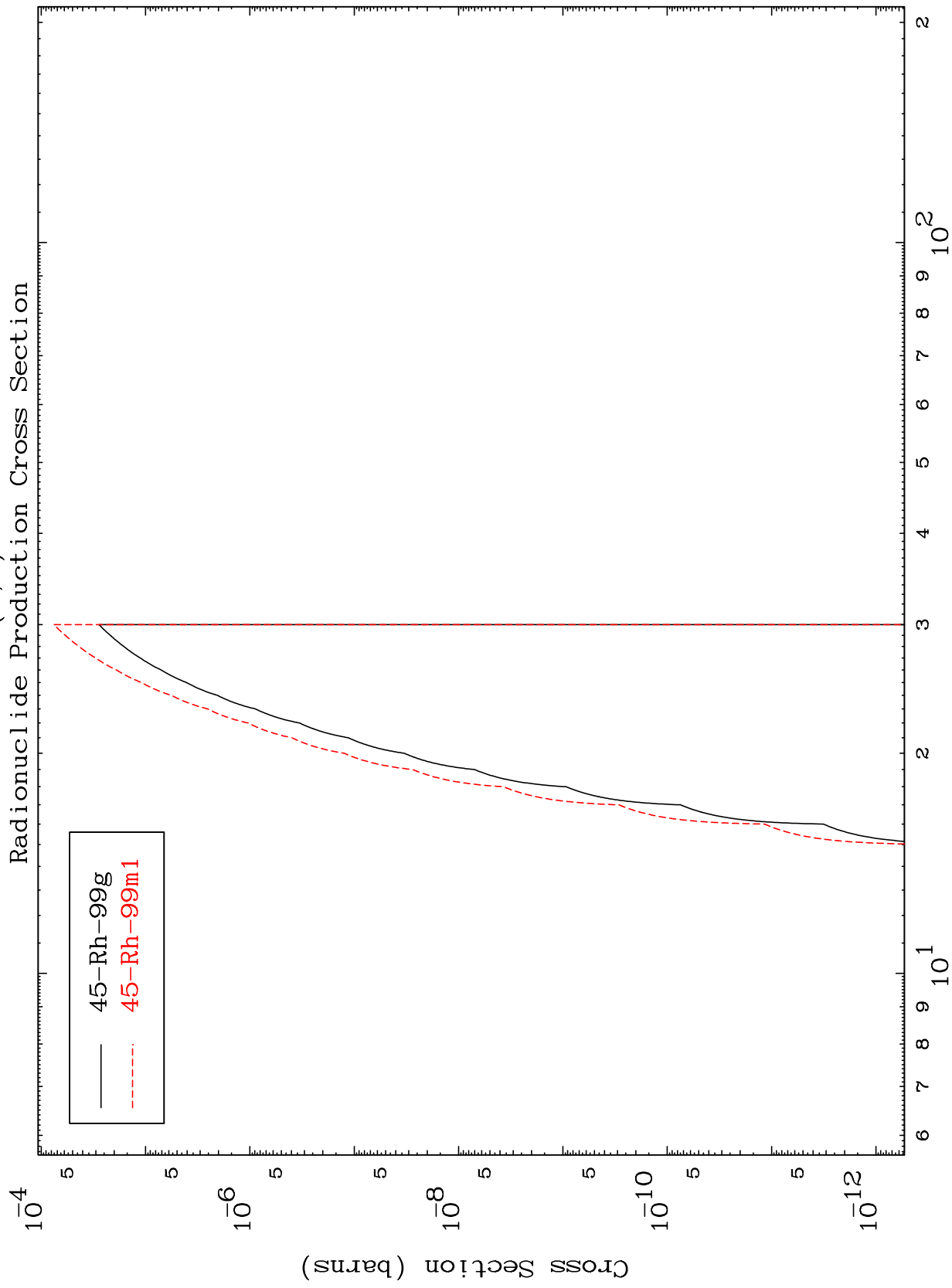
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,d) α

48-Cd-104



138

Incident Energy (MeV)

48-Cd-104