

Program EVALPLOT
(Version 2018-1)

by

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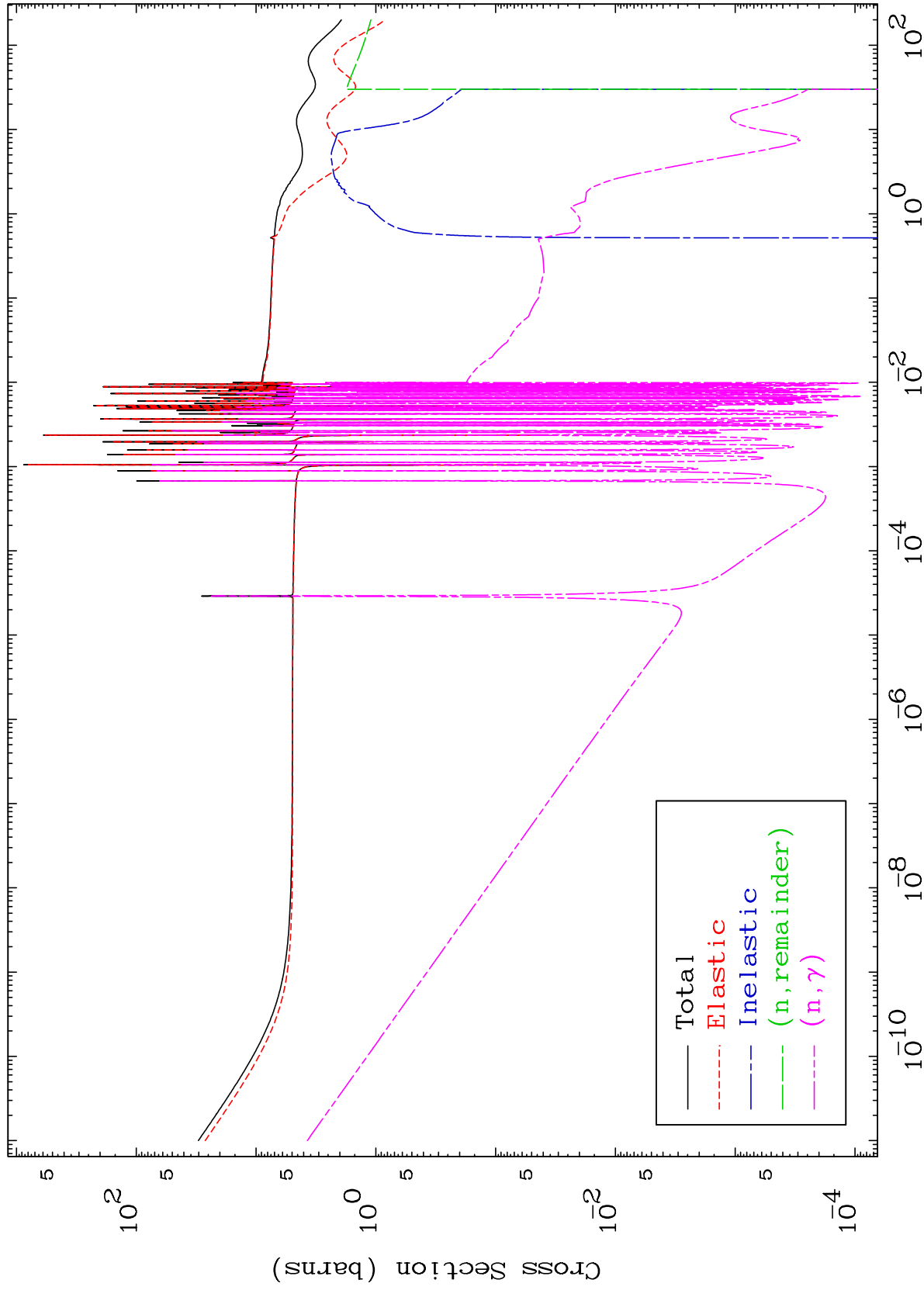
Press Mouse Button to Start

MAT 4855

Major

293 Kelvin Cross Sections

48-Cd-116



1

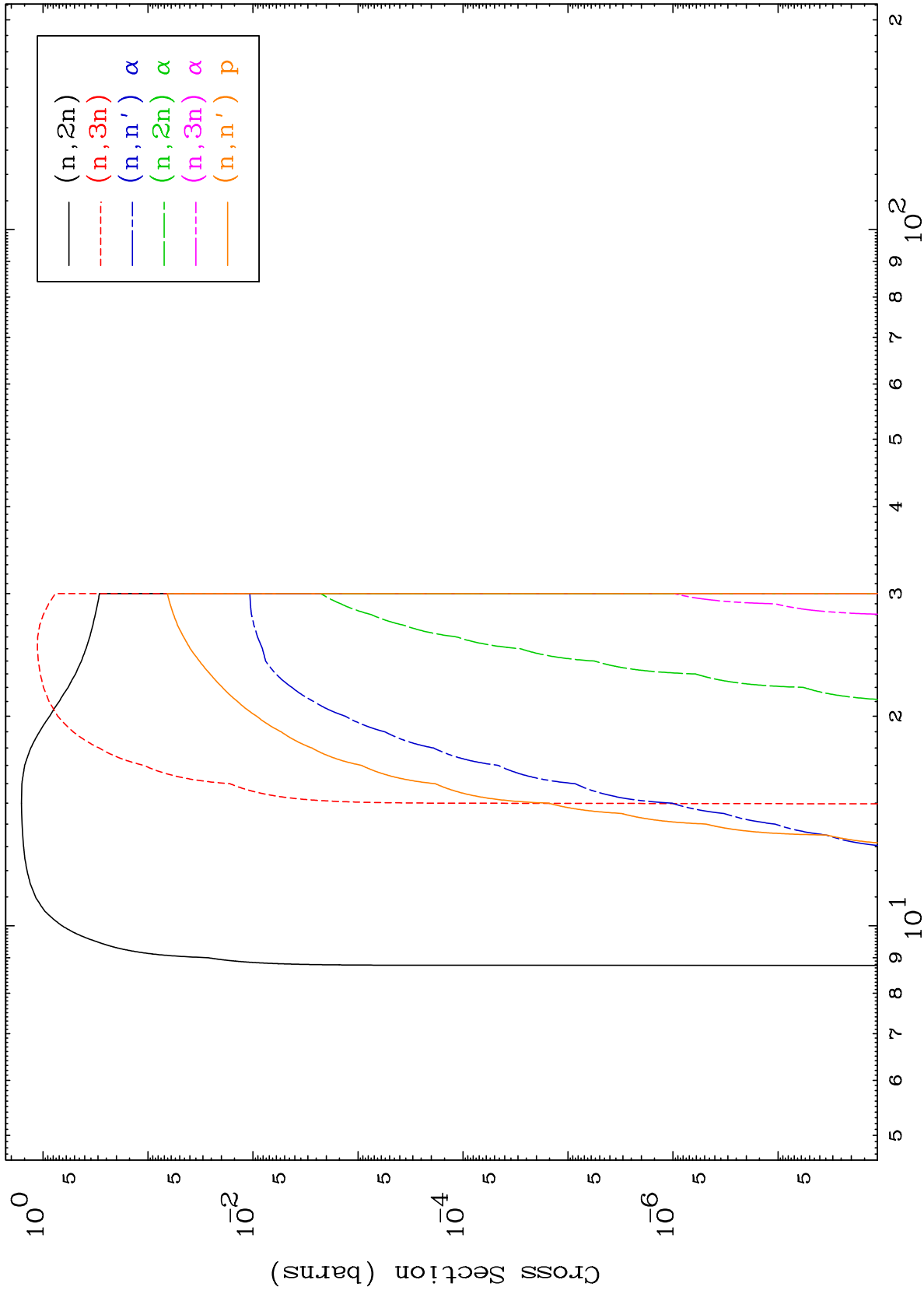
Incident Energy (MeV)

48-Cd-116

MAT 4855

Neutron Production
293 Kelvin Cross Sections

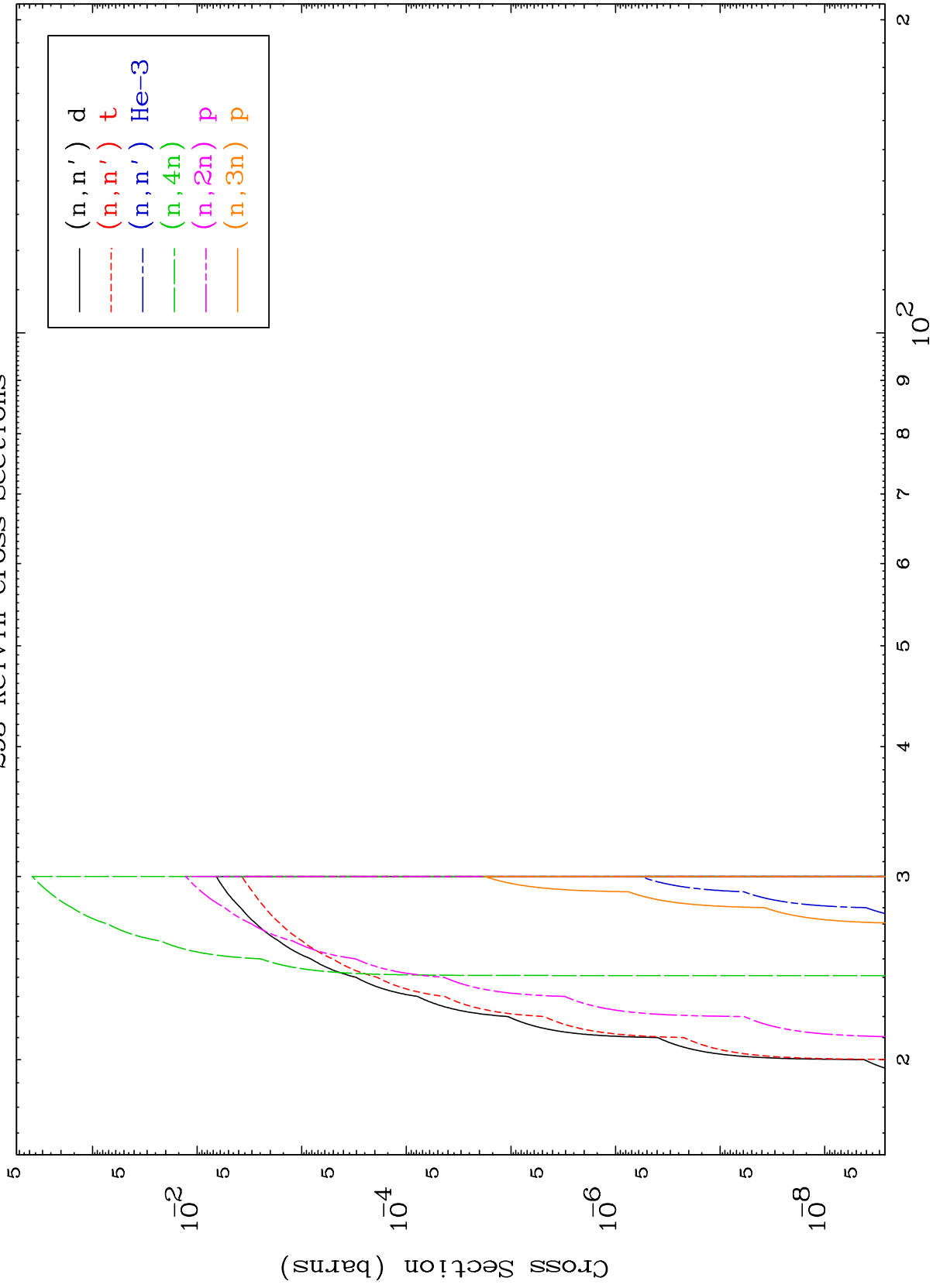
48-Cd-116



2

Incident Energy (MeV)

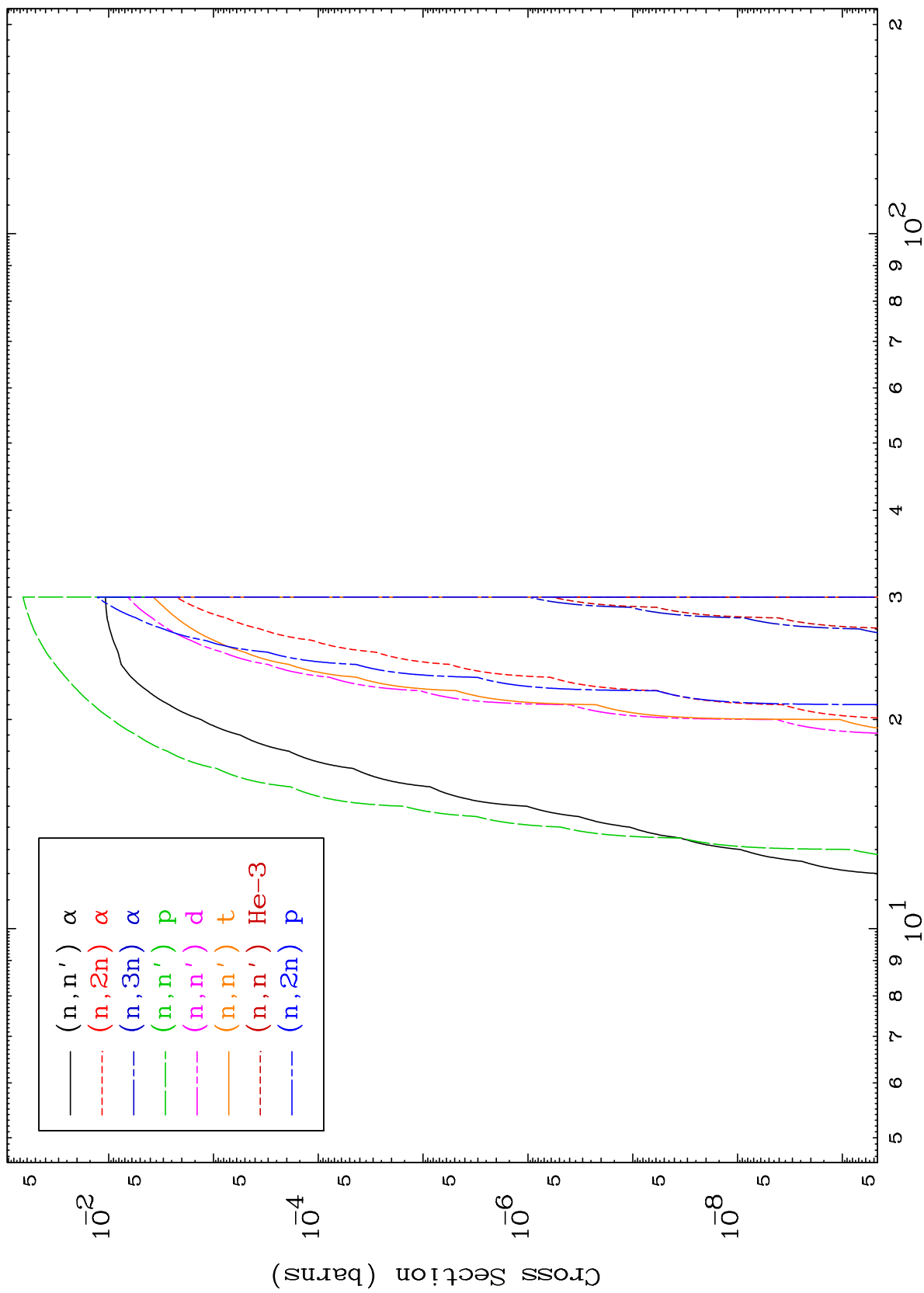
48-Cd-116



MAT 4855

Charged Particle
293 Kelvin Cross Sections

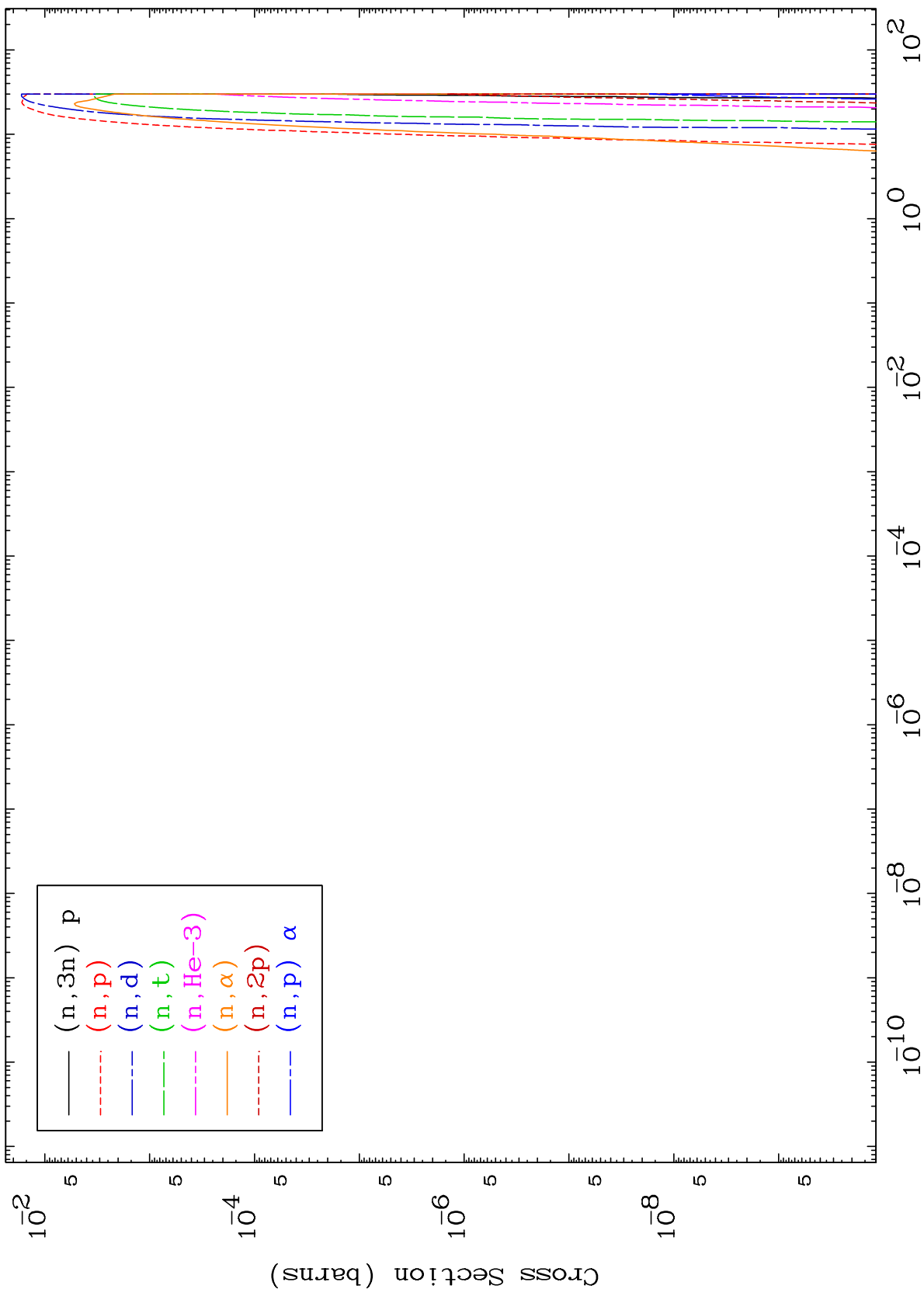
48-Cd-116



MAT 4855

Charged Particle
293 Kelvin Cross Sections

48-Cd-116

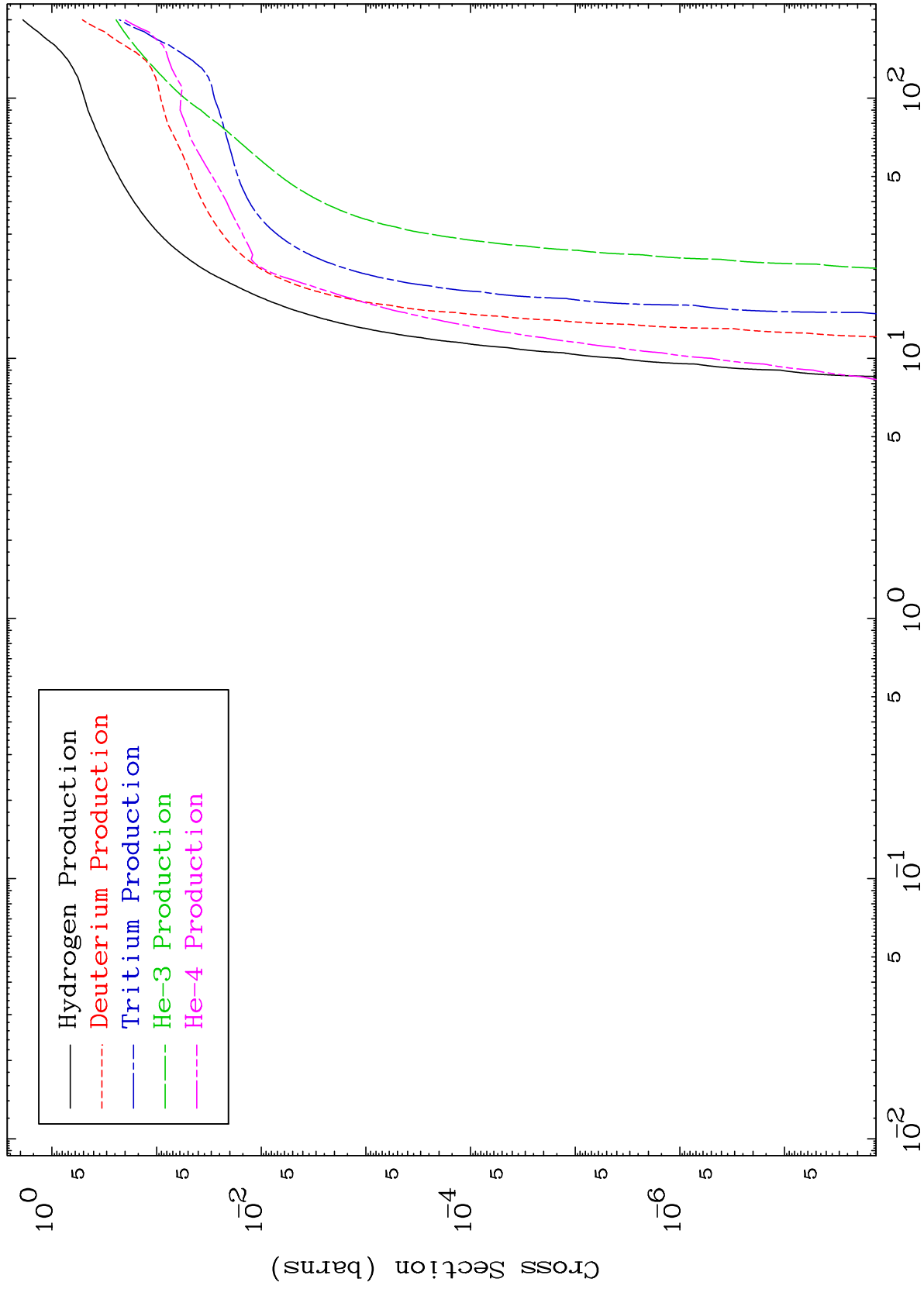


5

MAT 4855

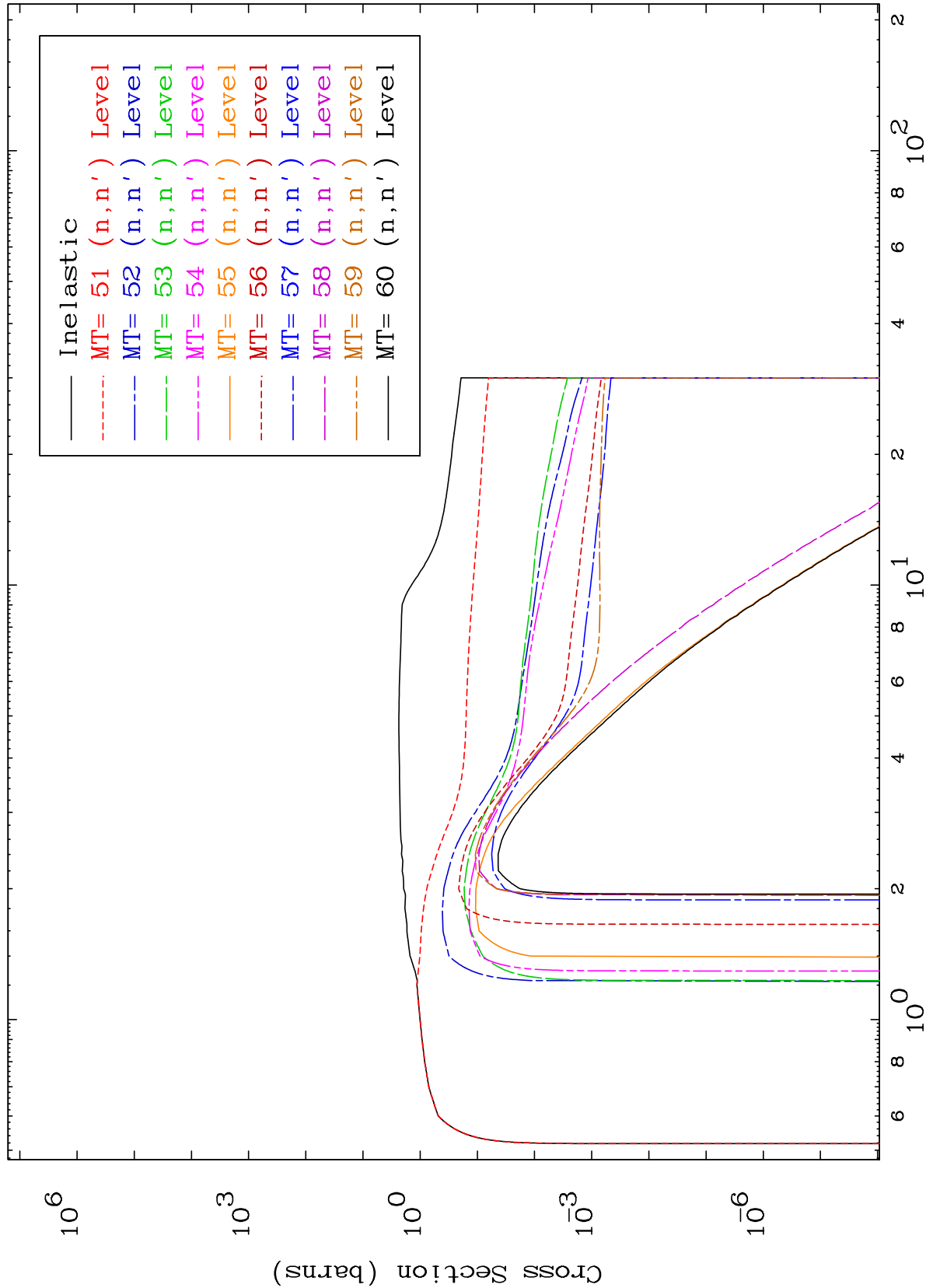
Particle Production
293 Kelvin Cross Sections

48-Cd-116



48-Cd-116

293 Kelvin Cross Sections

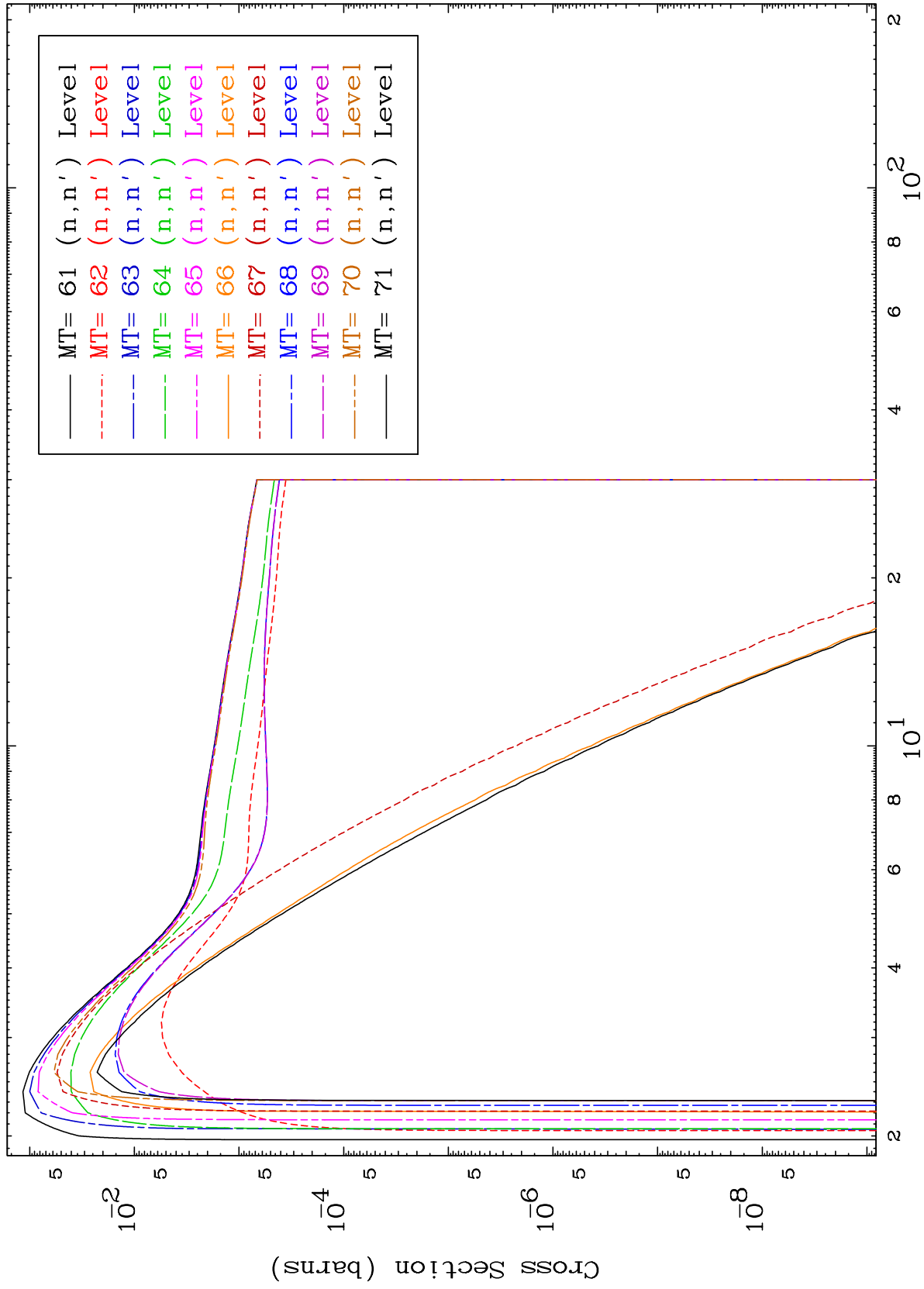


MAT 4855

(n,n') Level

48-Cd-116

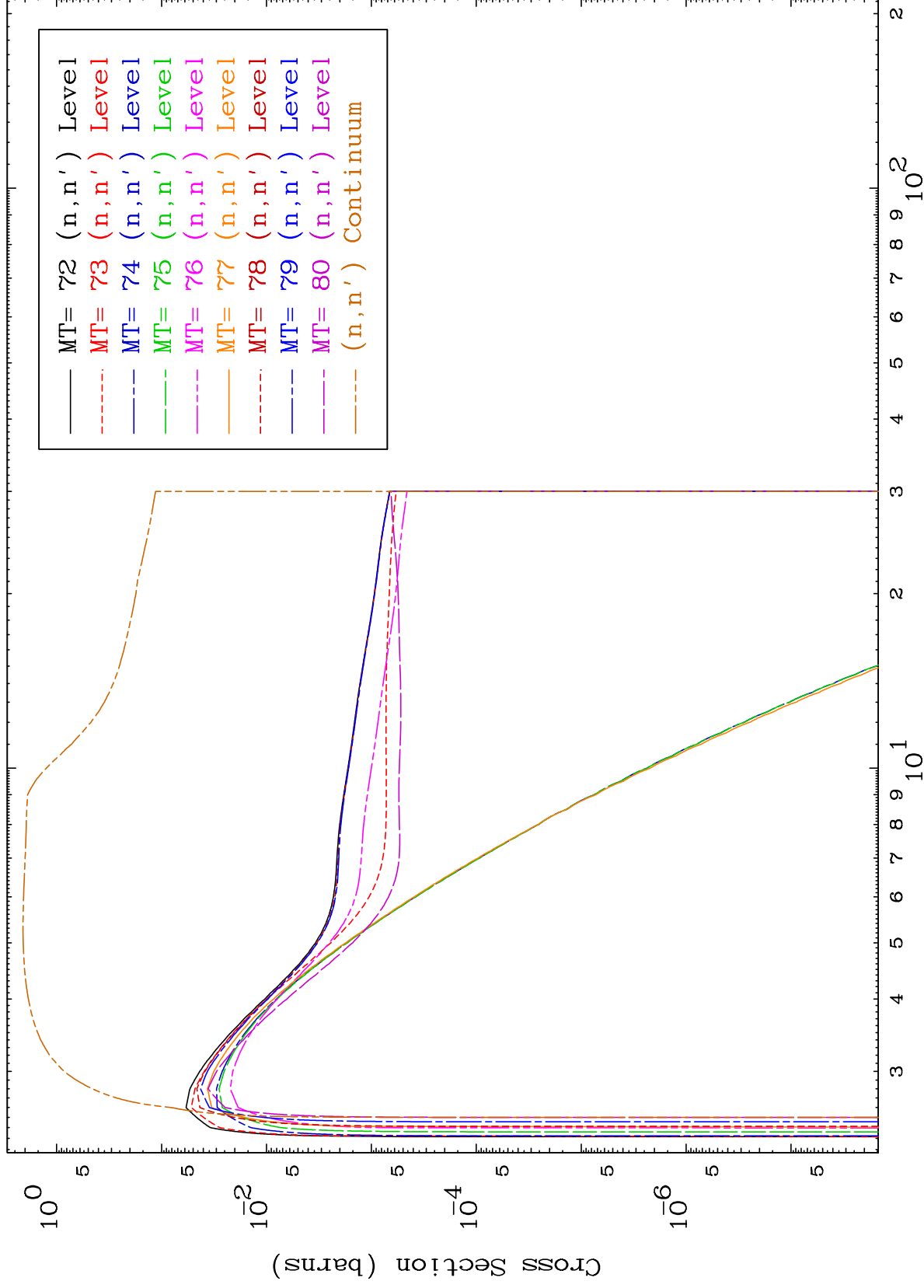
293 Kelvin Cross Sections



8

Incident Energy (MeV)

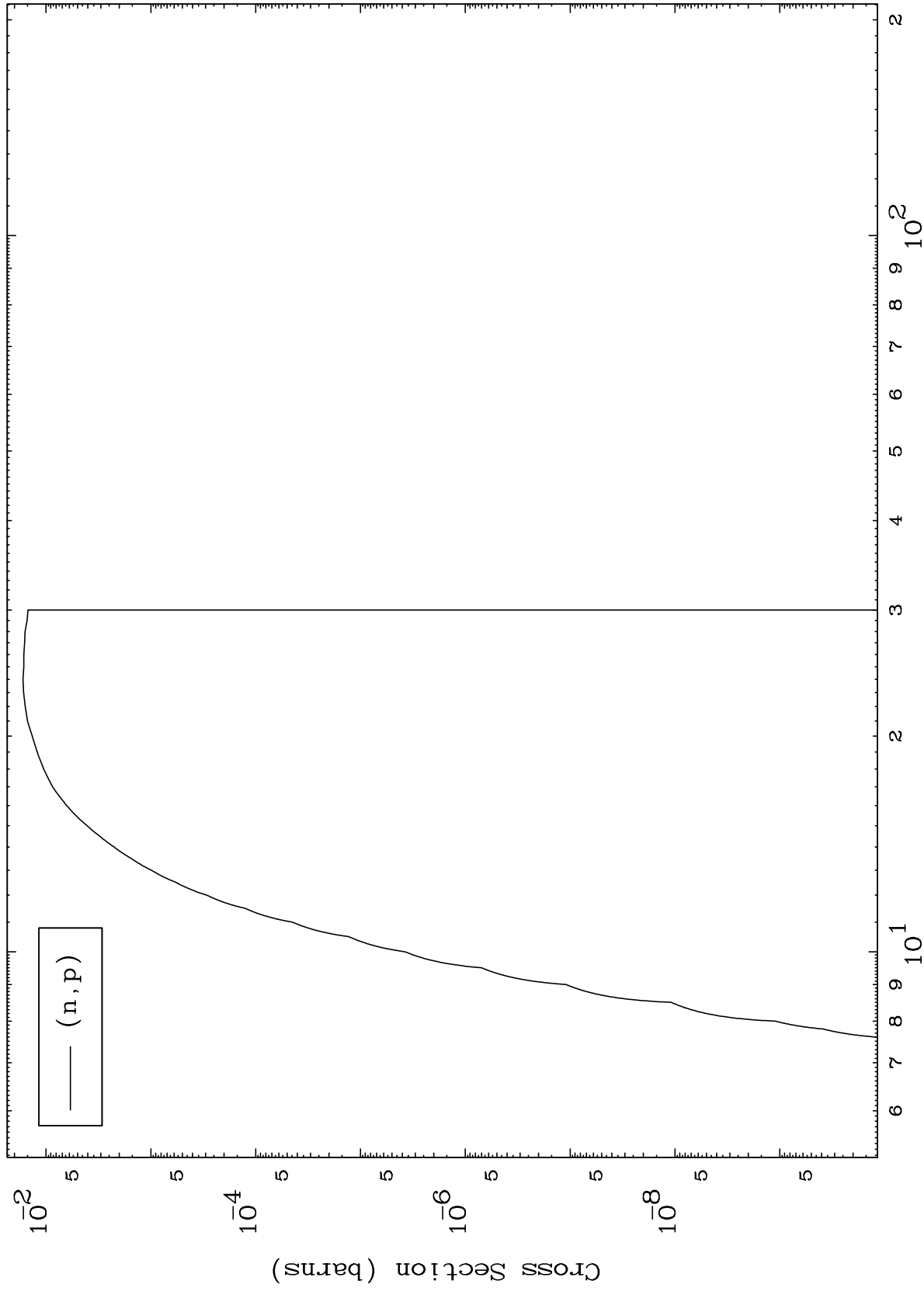
48-Cd-116



MAT 4855

48-Cd-116

(n,p) Levels
293 Kelvin Cross Sections

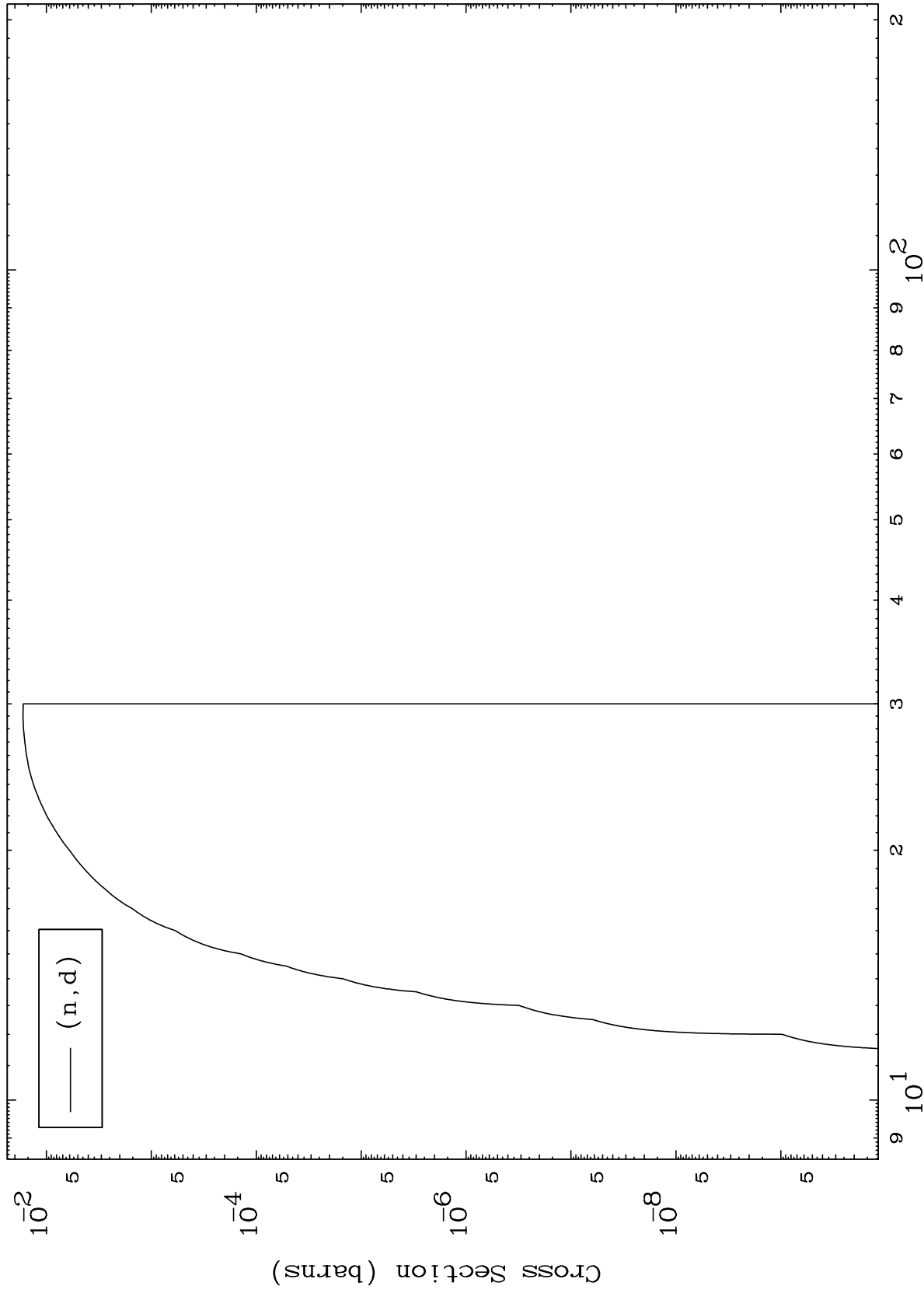


48-Cd-116

MAT 4855

48-Cd-116

(n,d) Levels
293 Kelvin Cross Sections



11

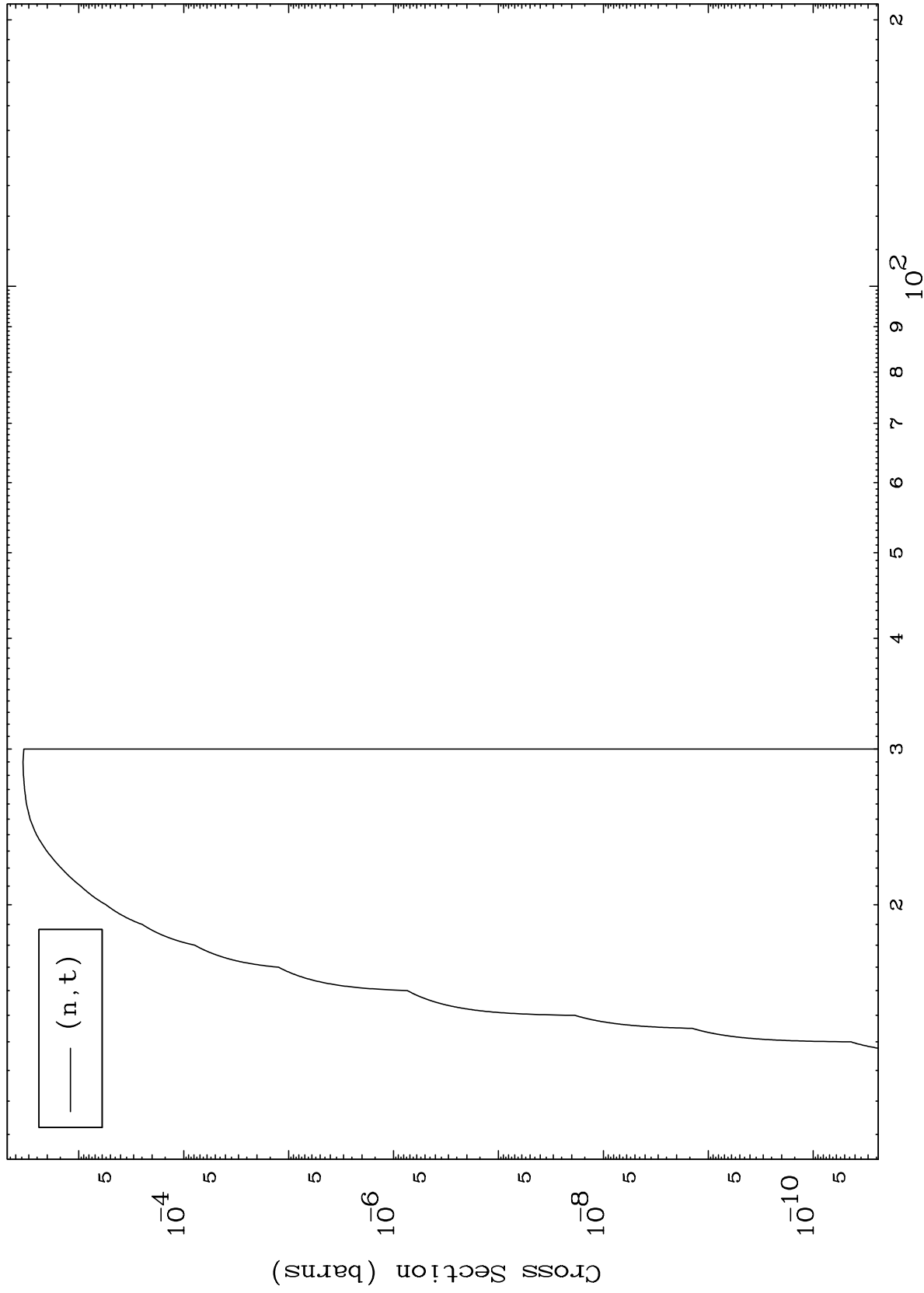
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-116



12

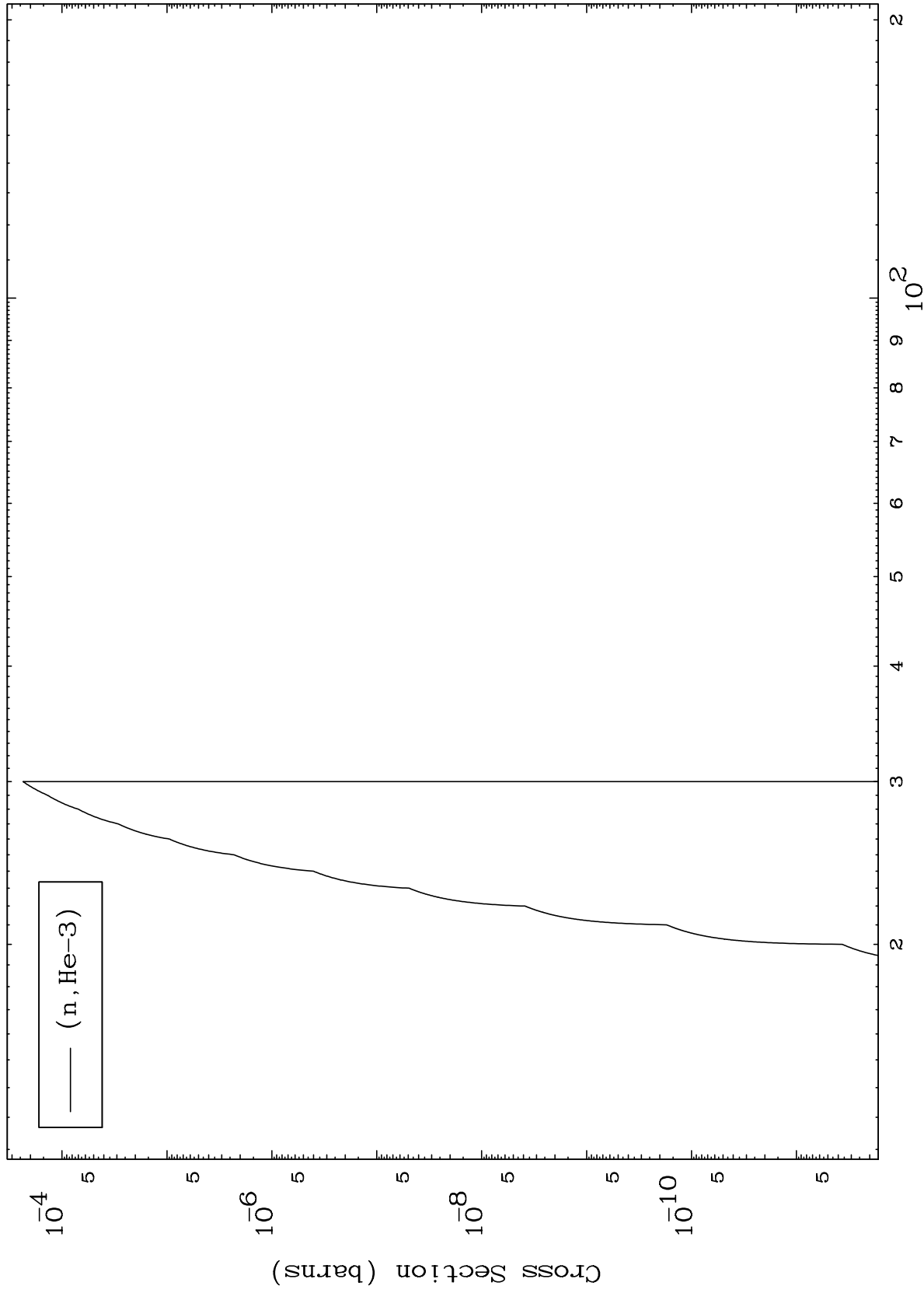
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-116



13

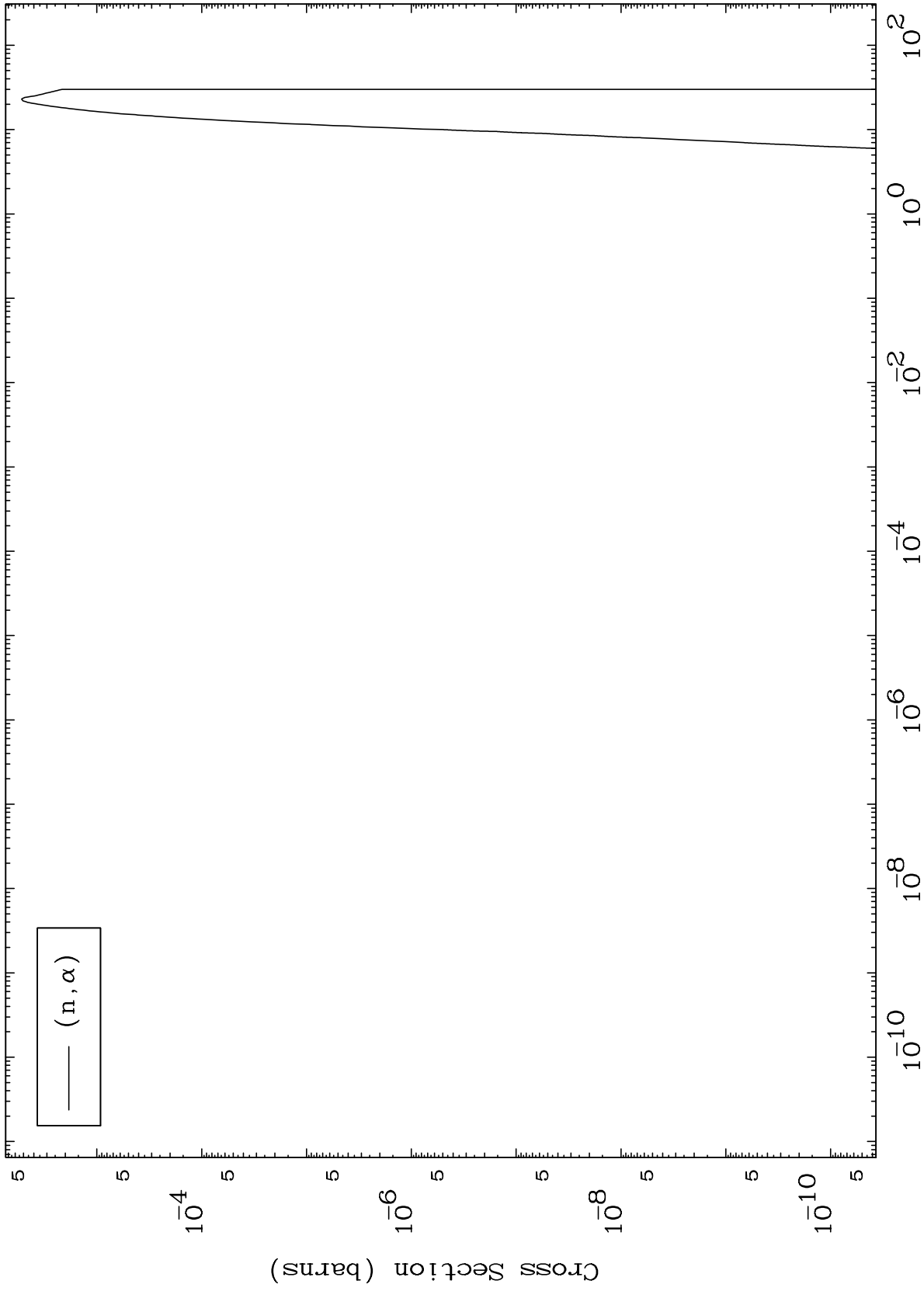
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n, α) Levels
293 Kelvin Cross Sections

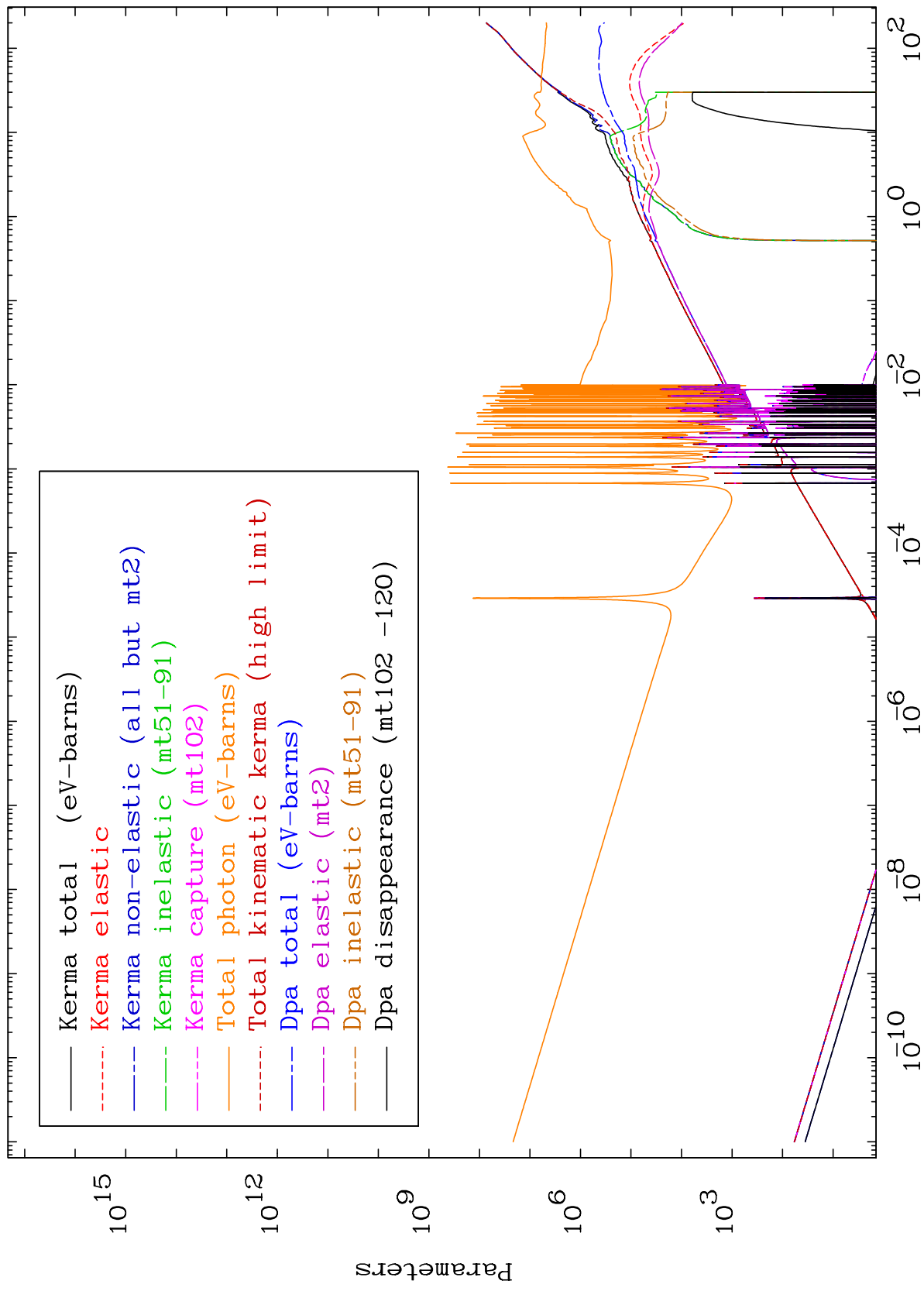
48-Cd-116

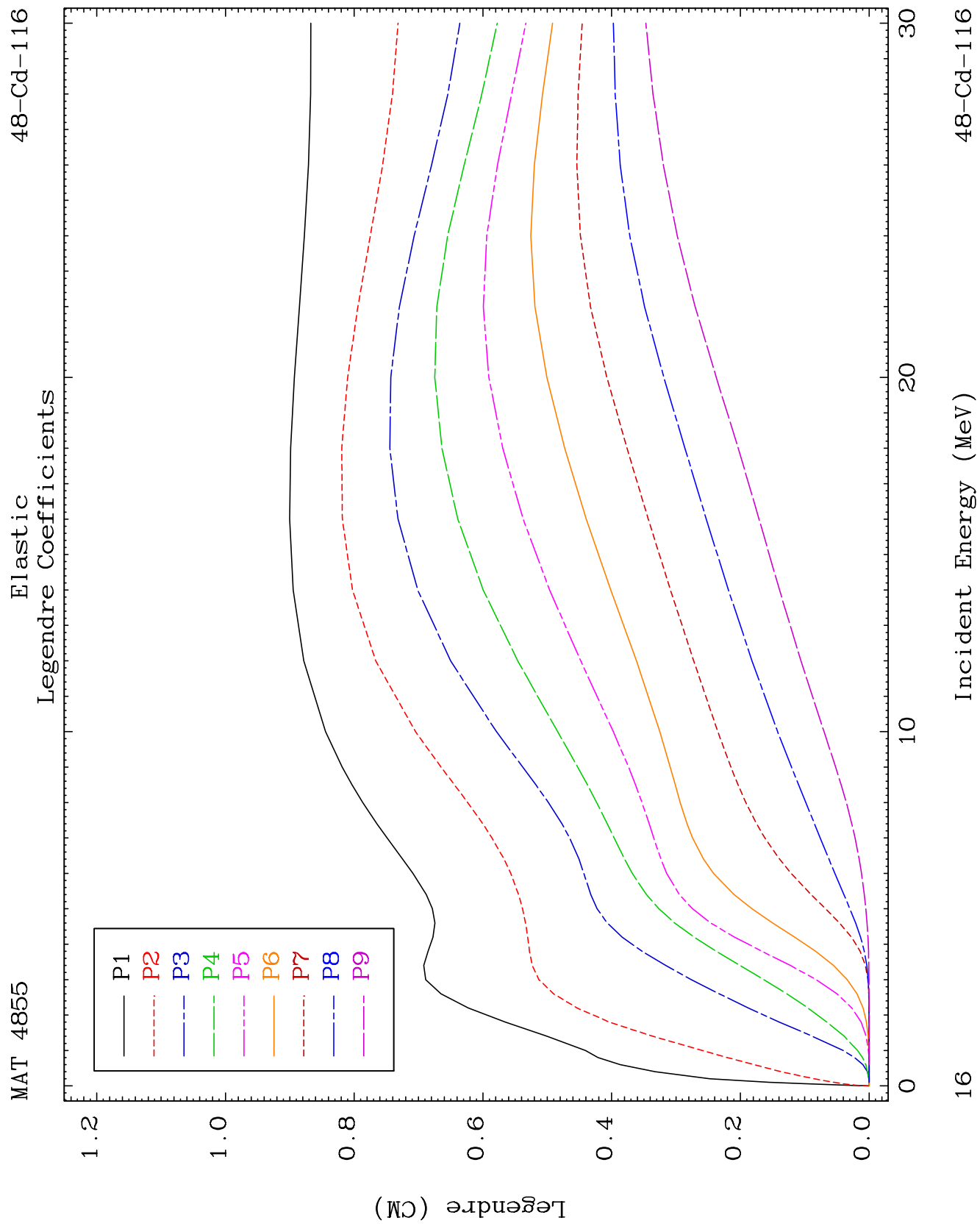


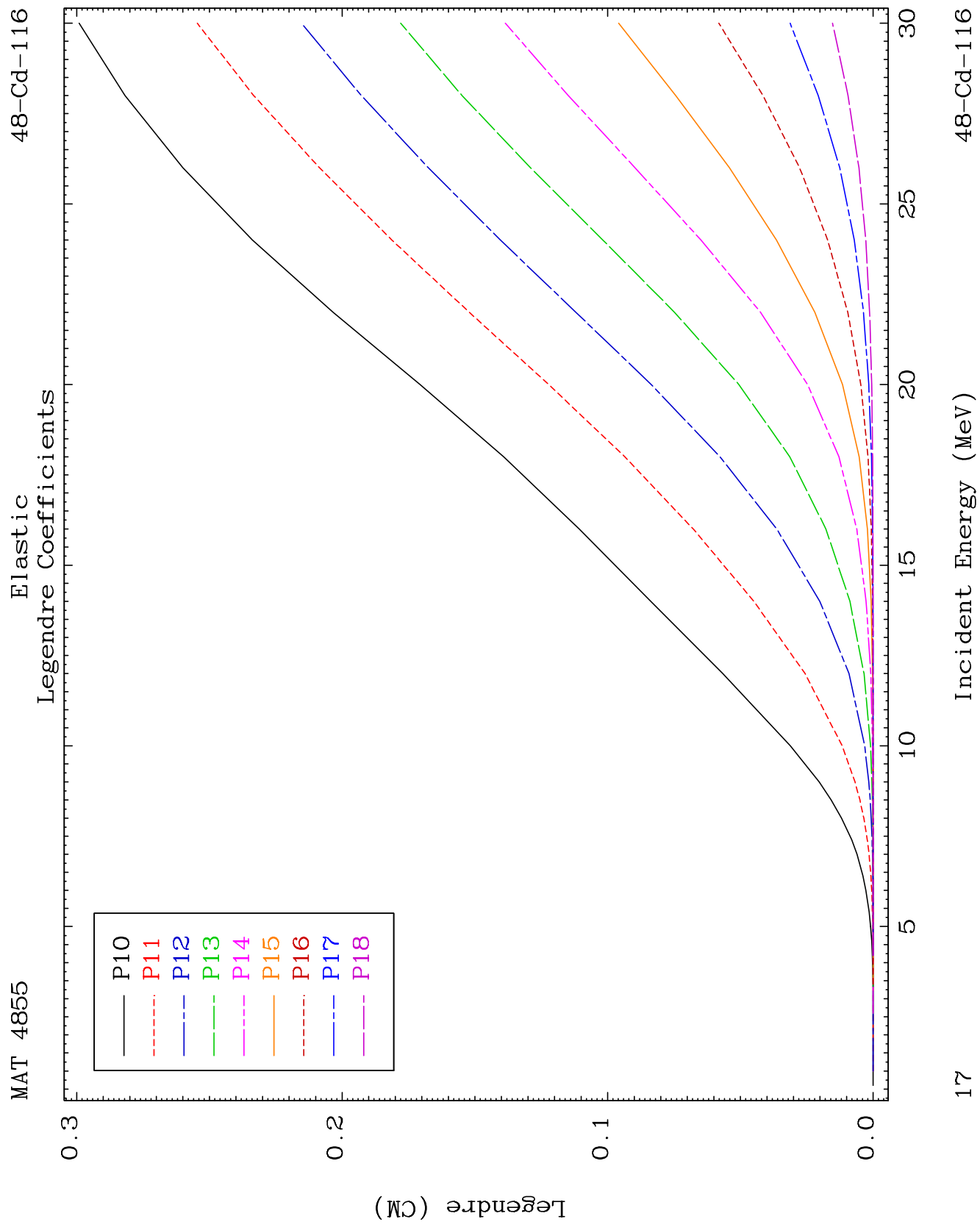
14

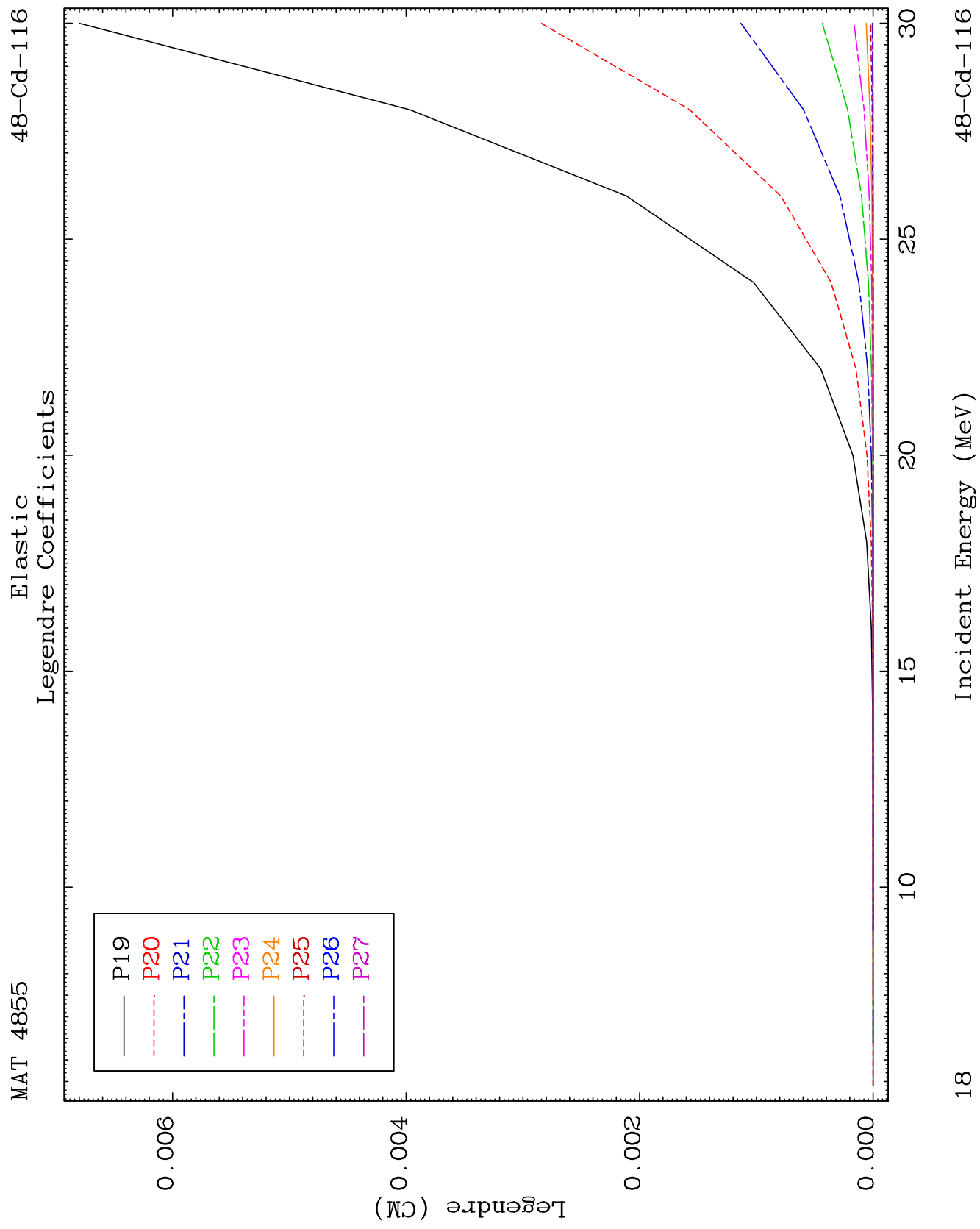
Incident Energy (MeV)

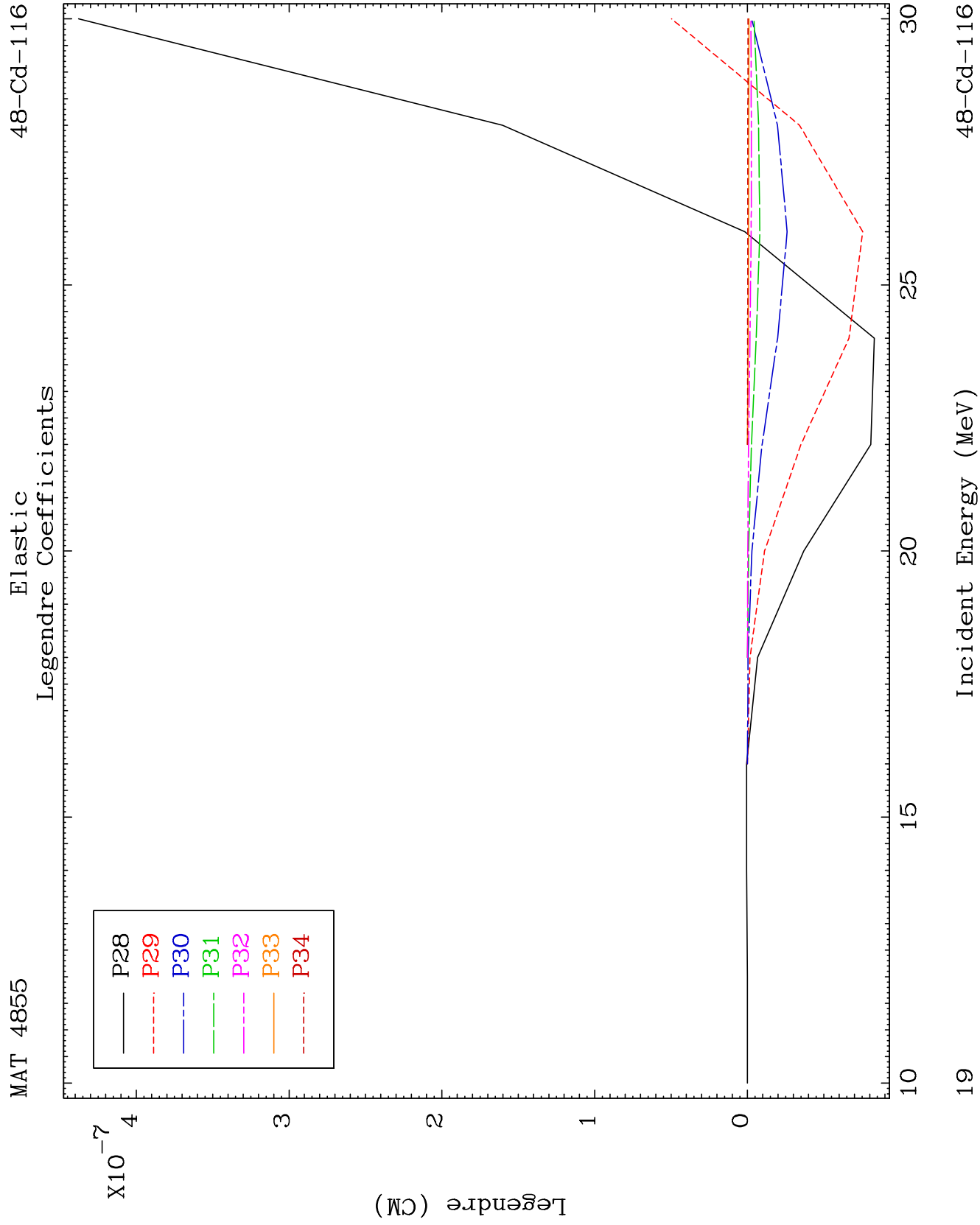
48-Cd-116







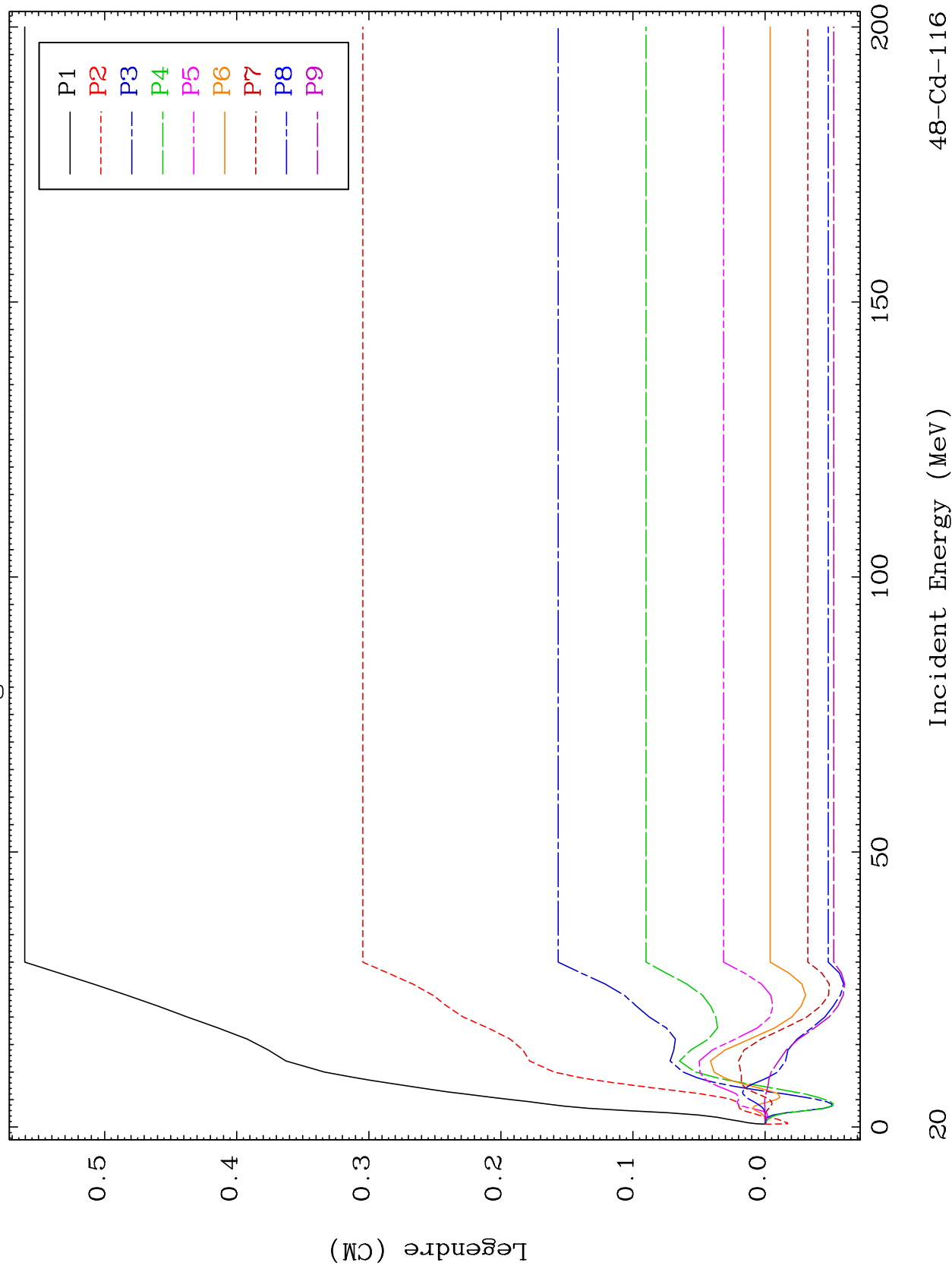




MAT 4855

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

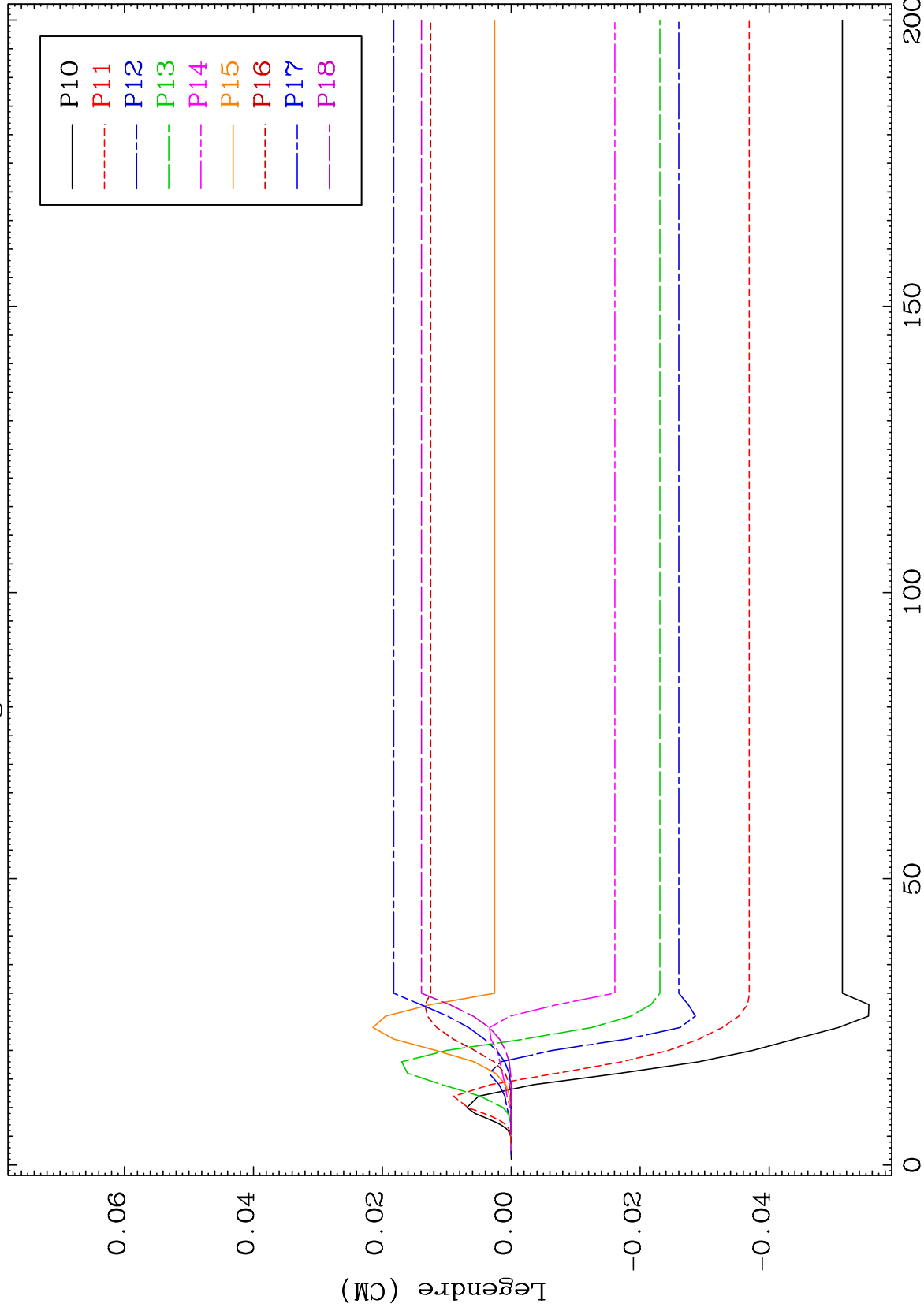
48-Cd-116



MAT 4855

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

48-Cd-116



21

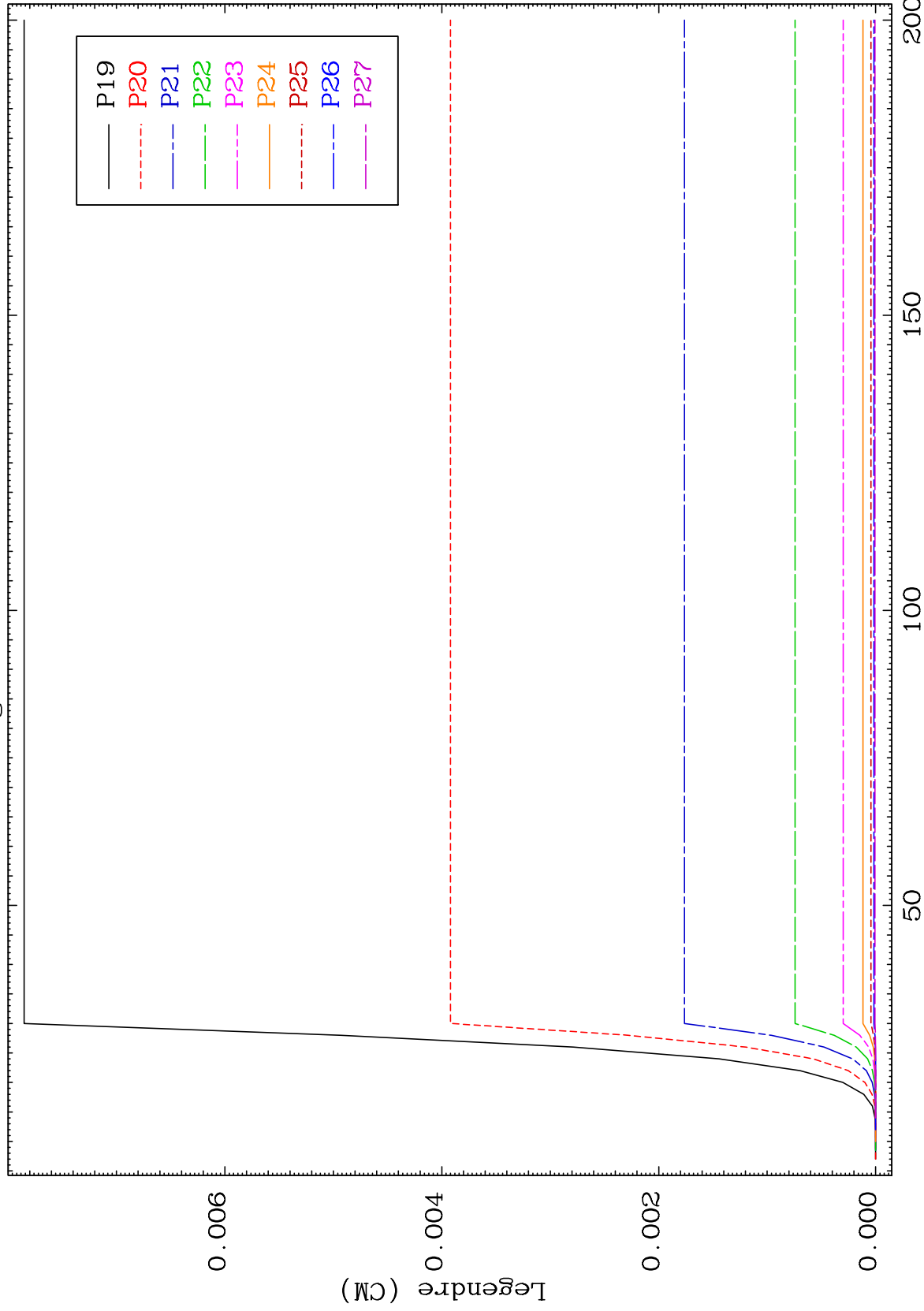
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



22

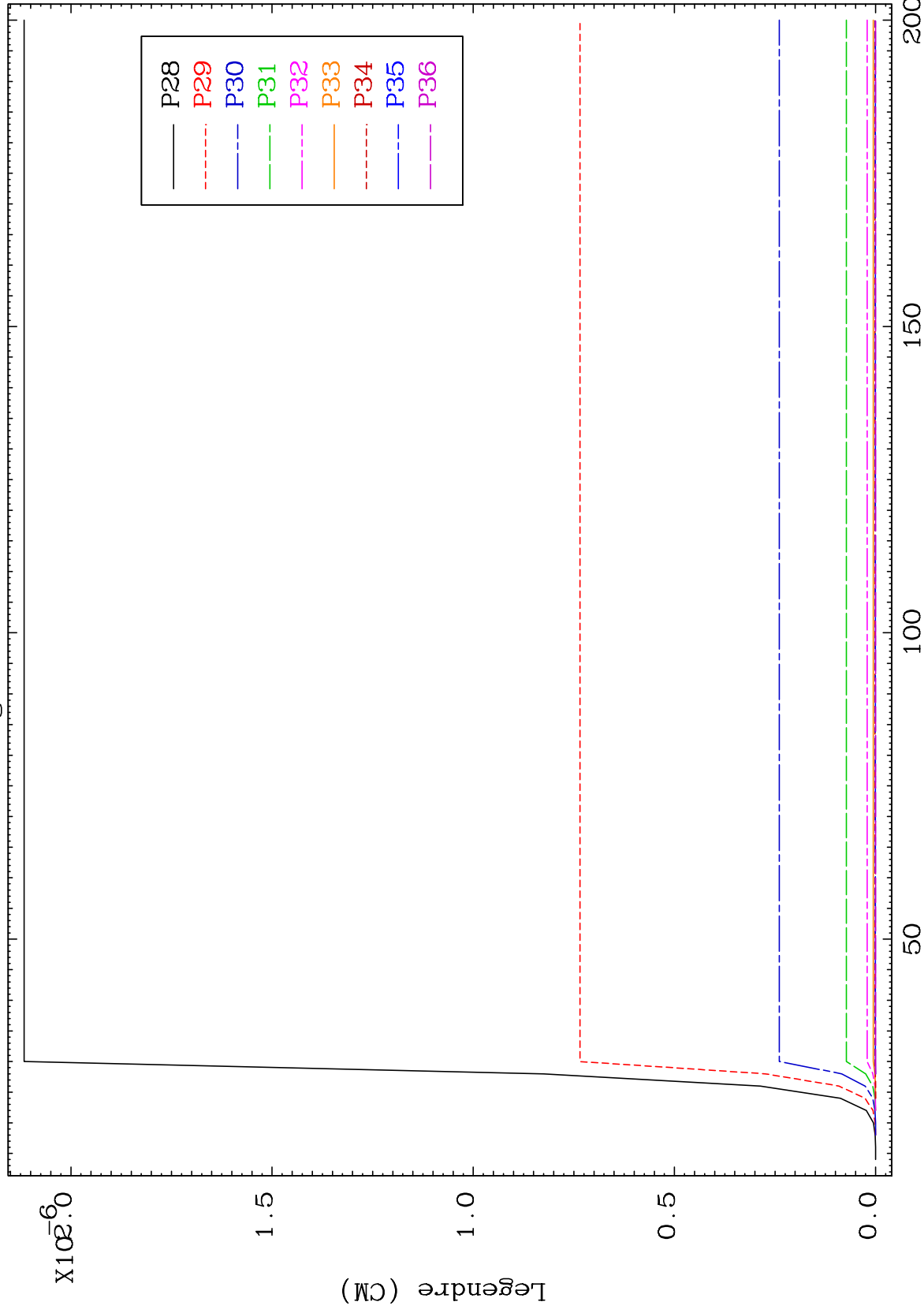
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



23

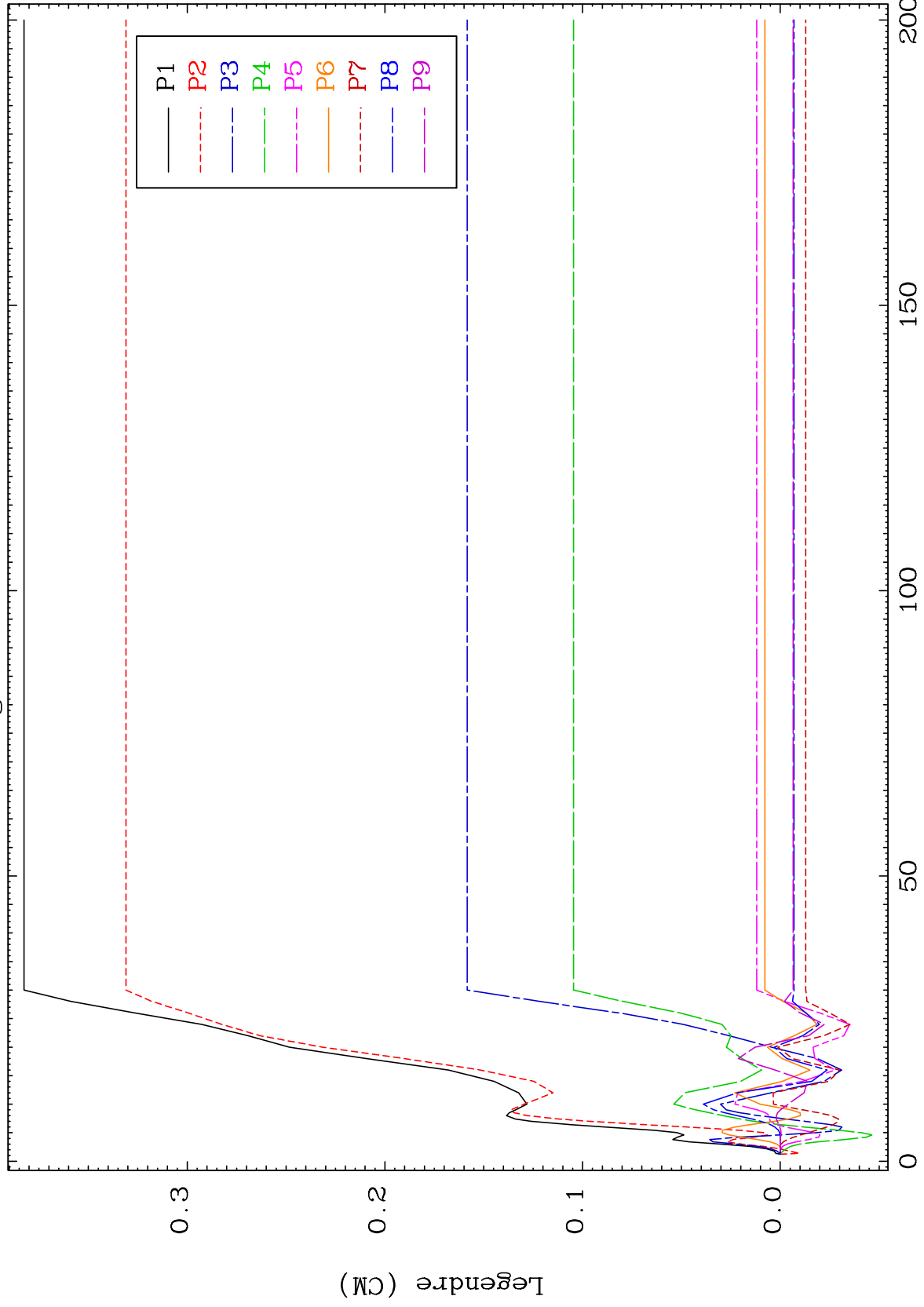
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

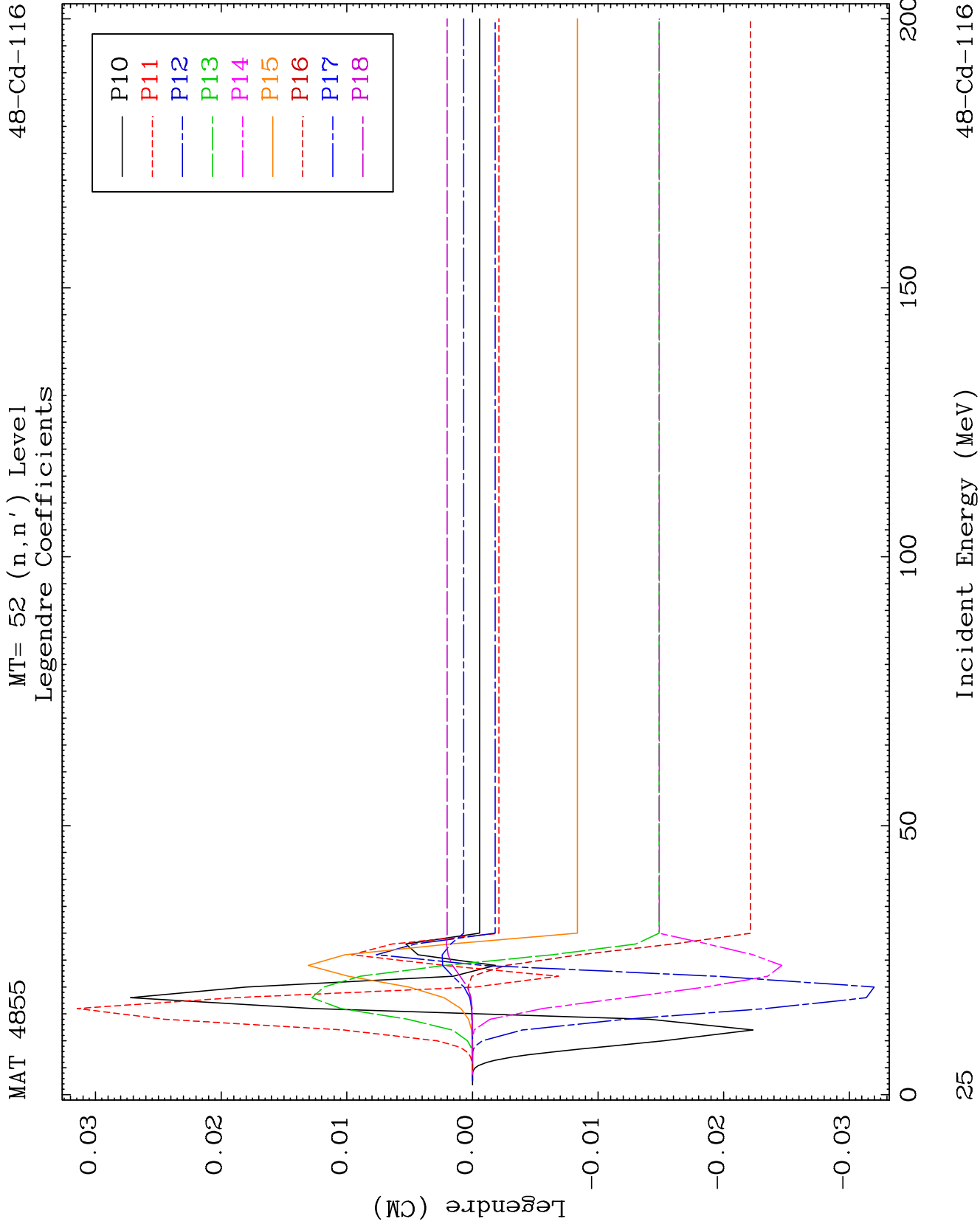
48-Cd-116



24

Incident Energy (MeV)

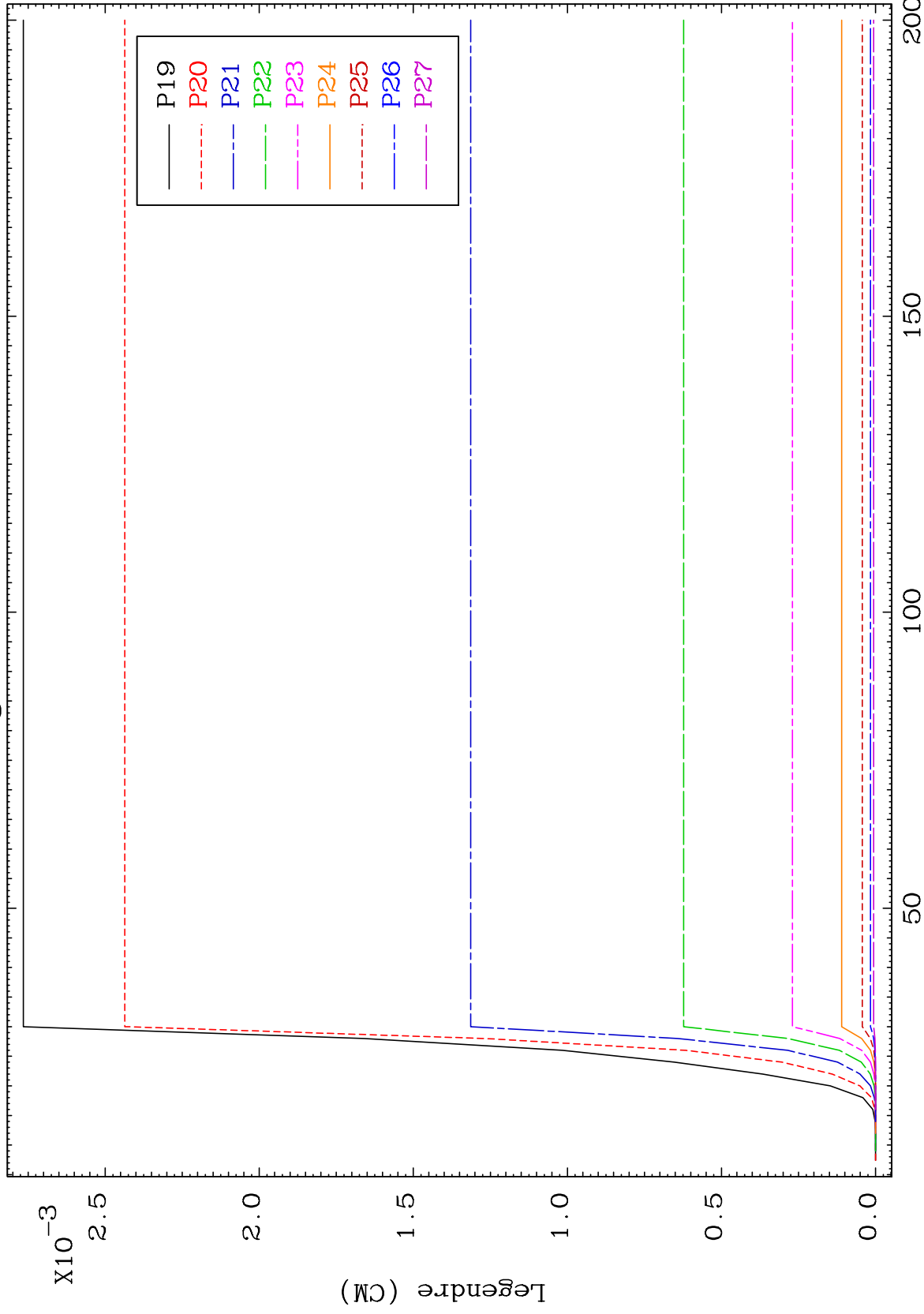
48-Cd-116



MAT 4855

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

48-Cd-116



26

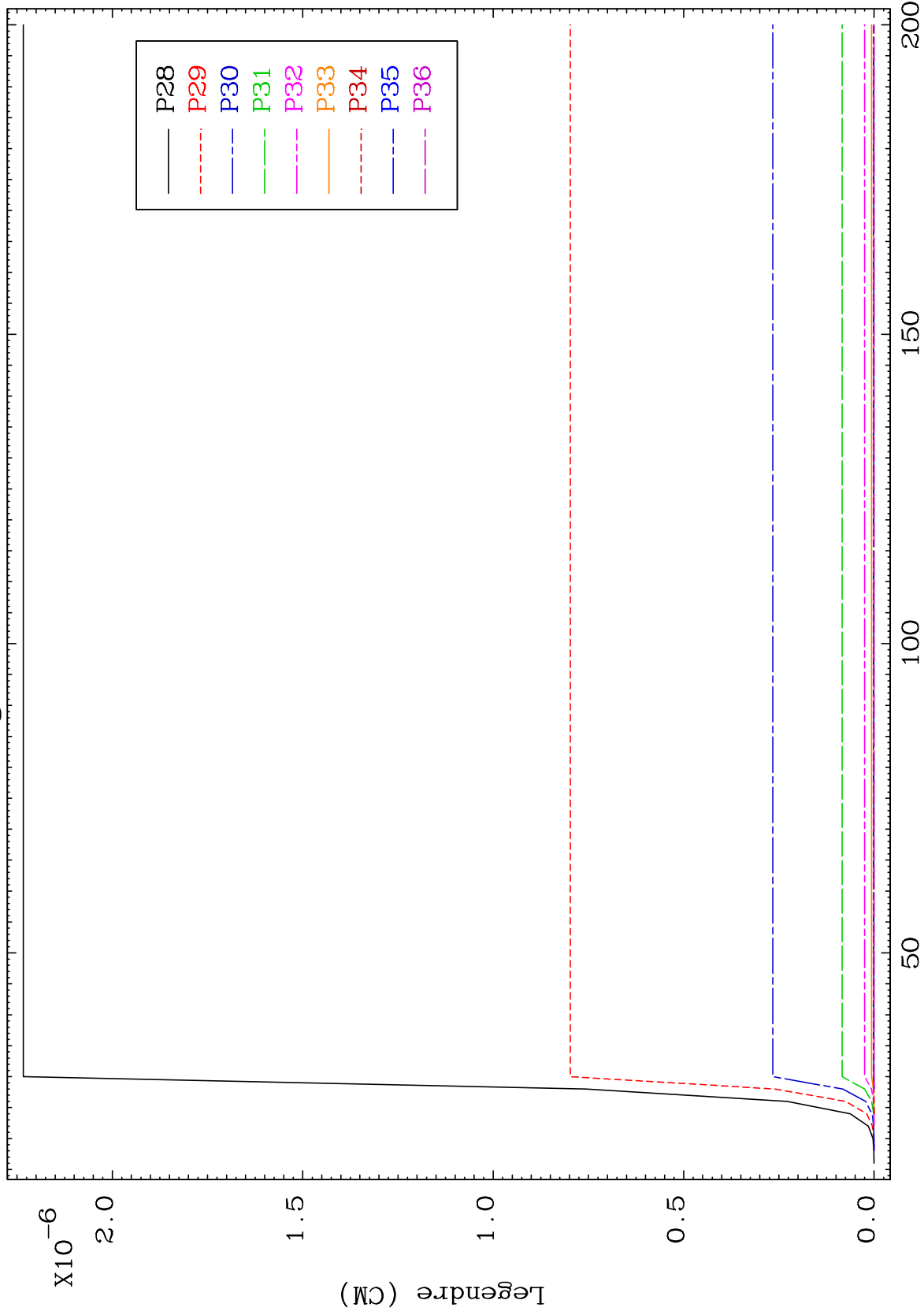
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



27

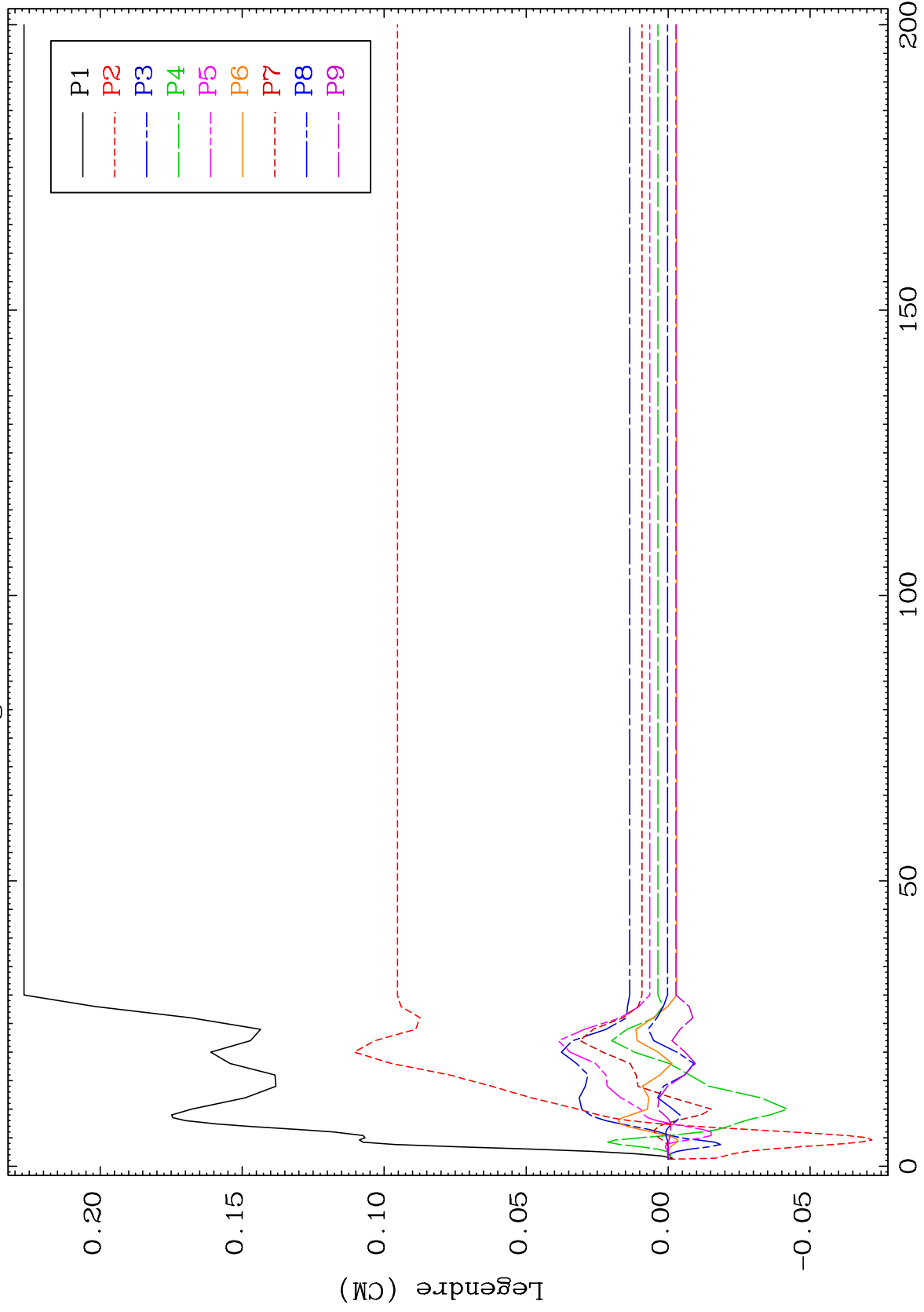
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

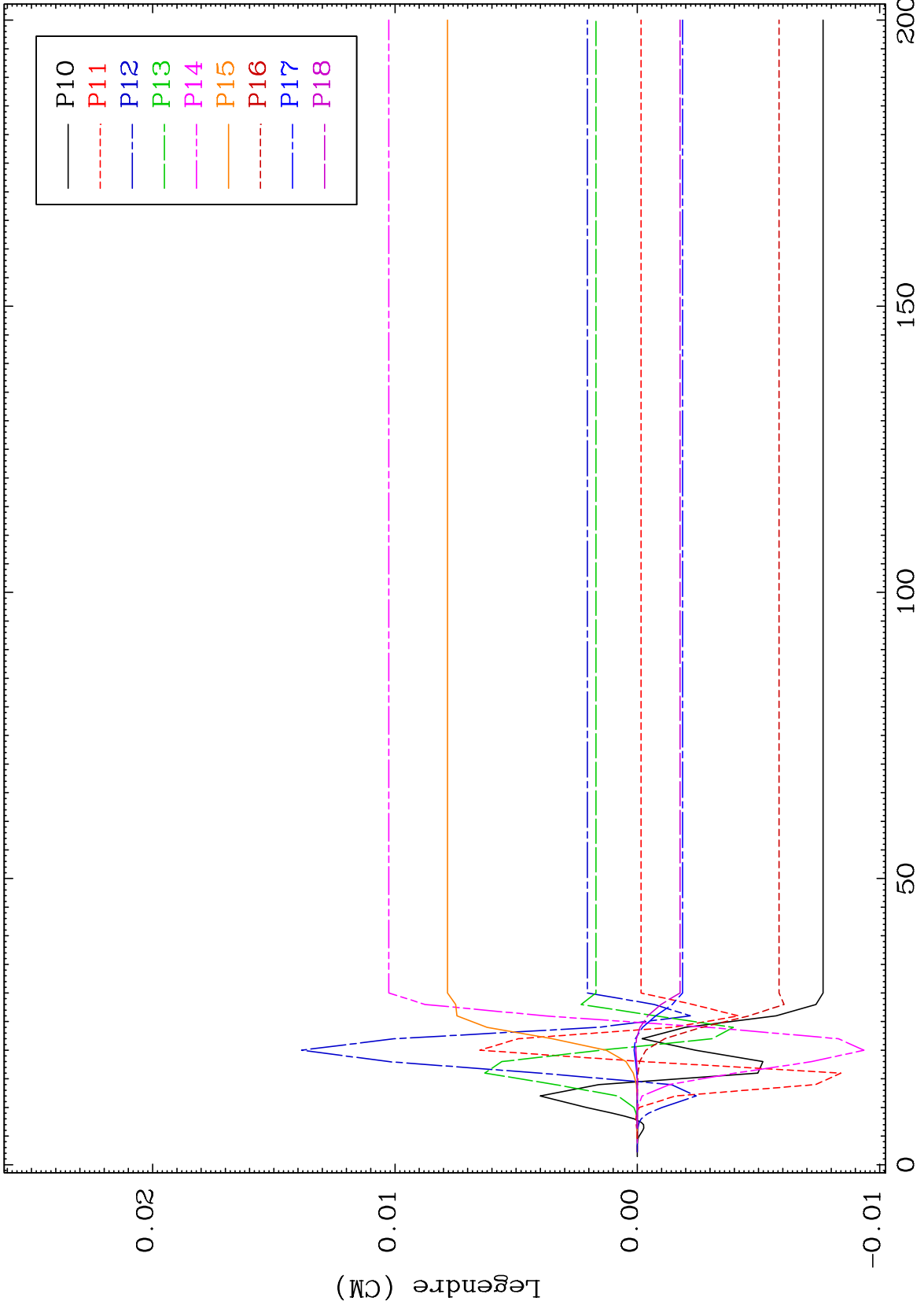
48-Cd-116



28

Incident Energy (MeV)

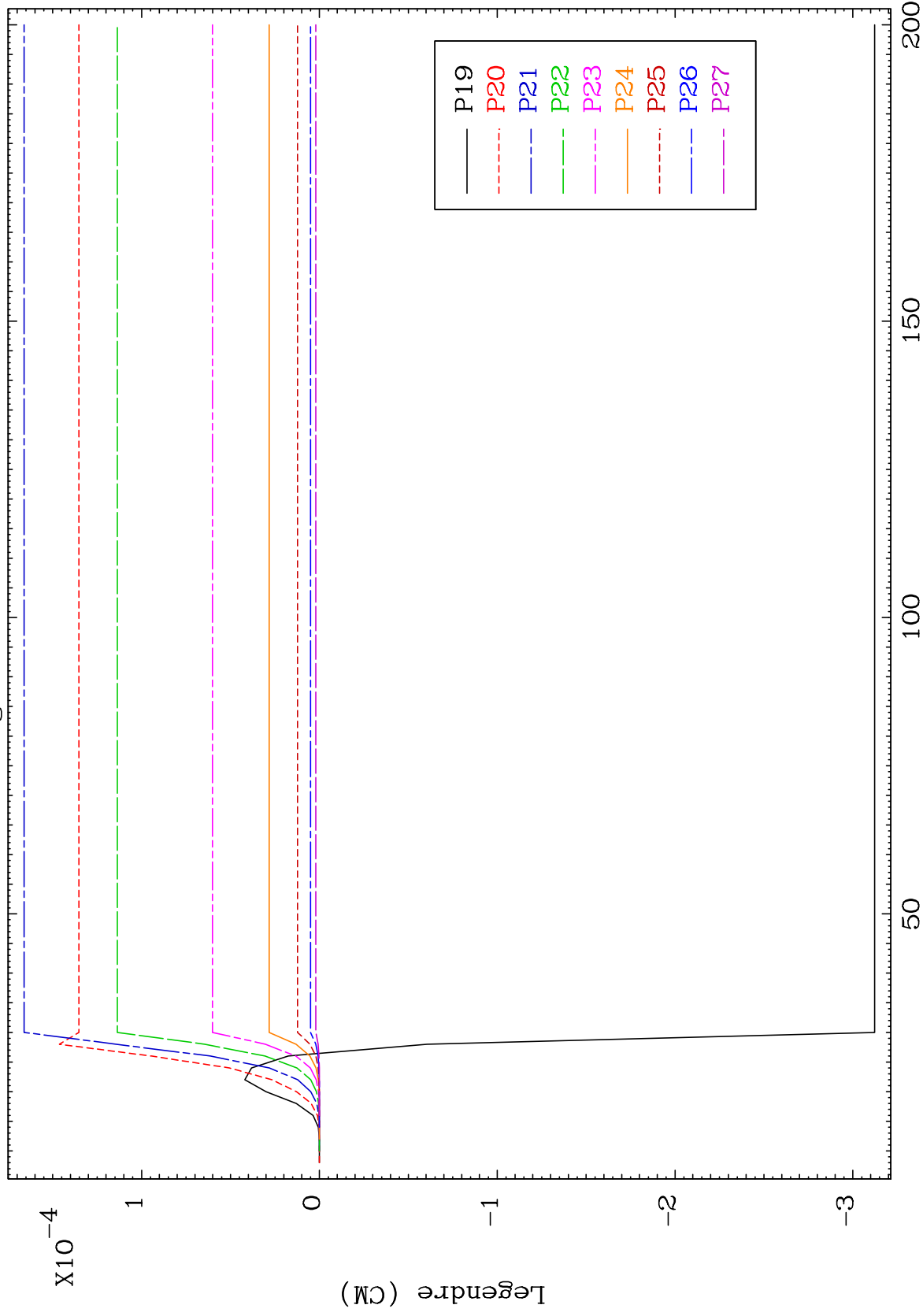
48-Cd-116



MAT 4855

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

48-Cd-116



30

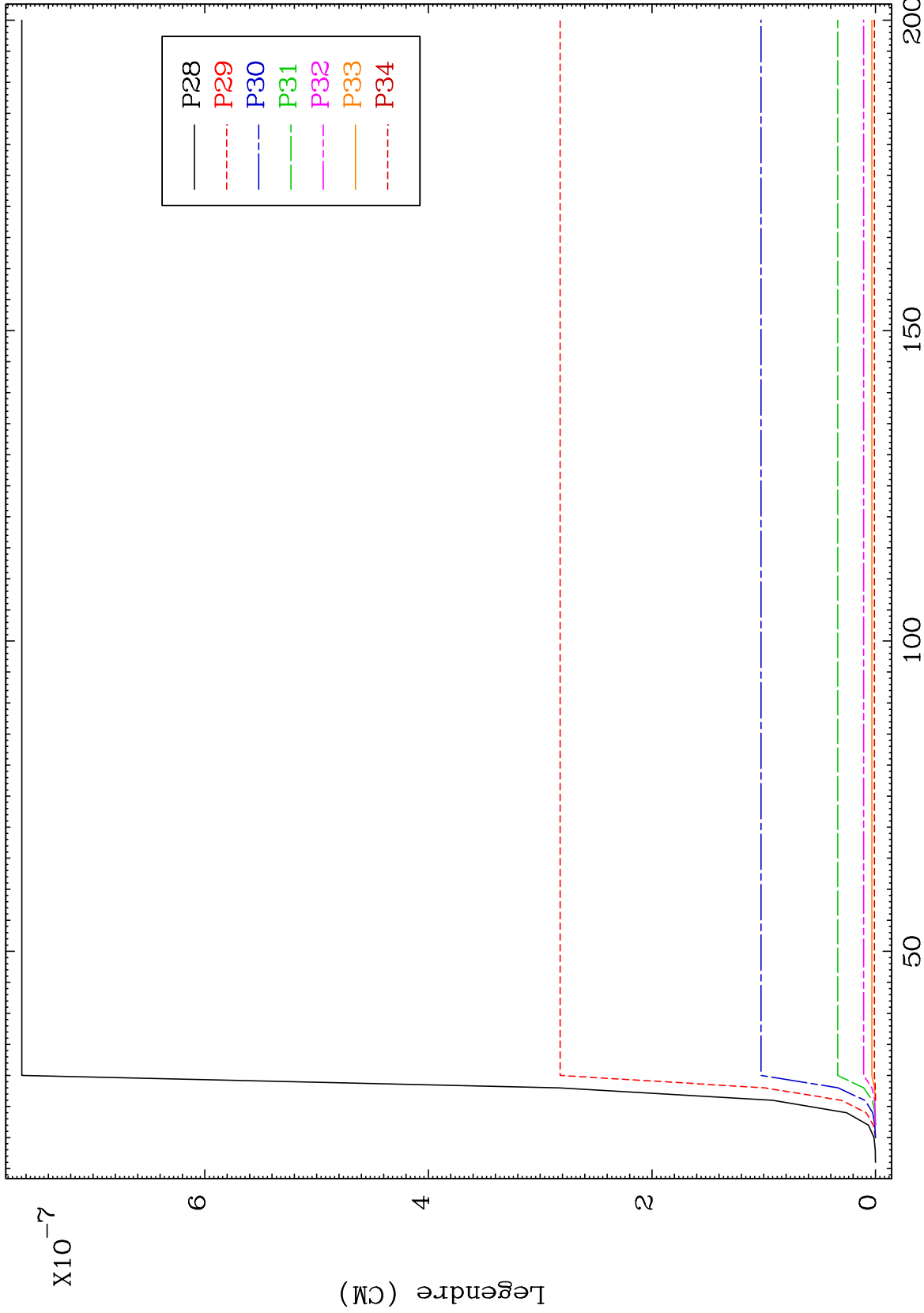
Incident Energy (MeV)

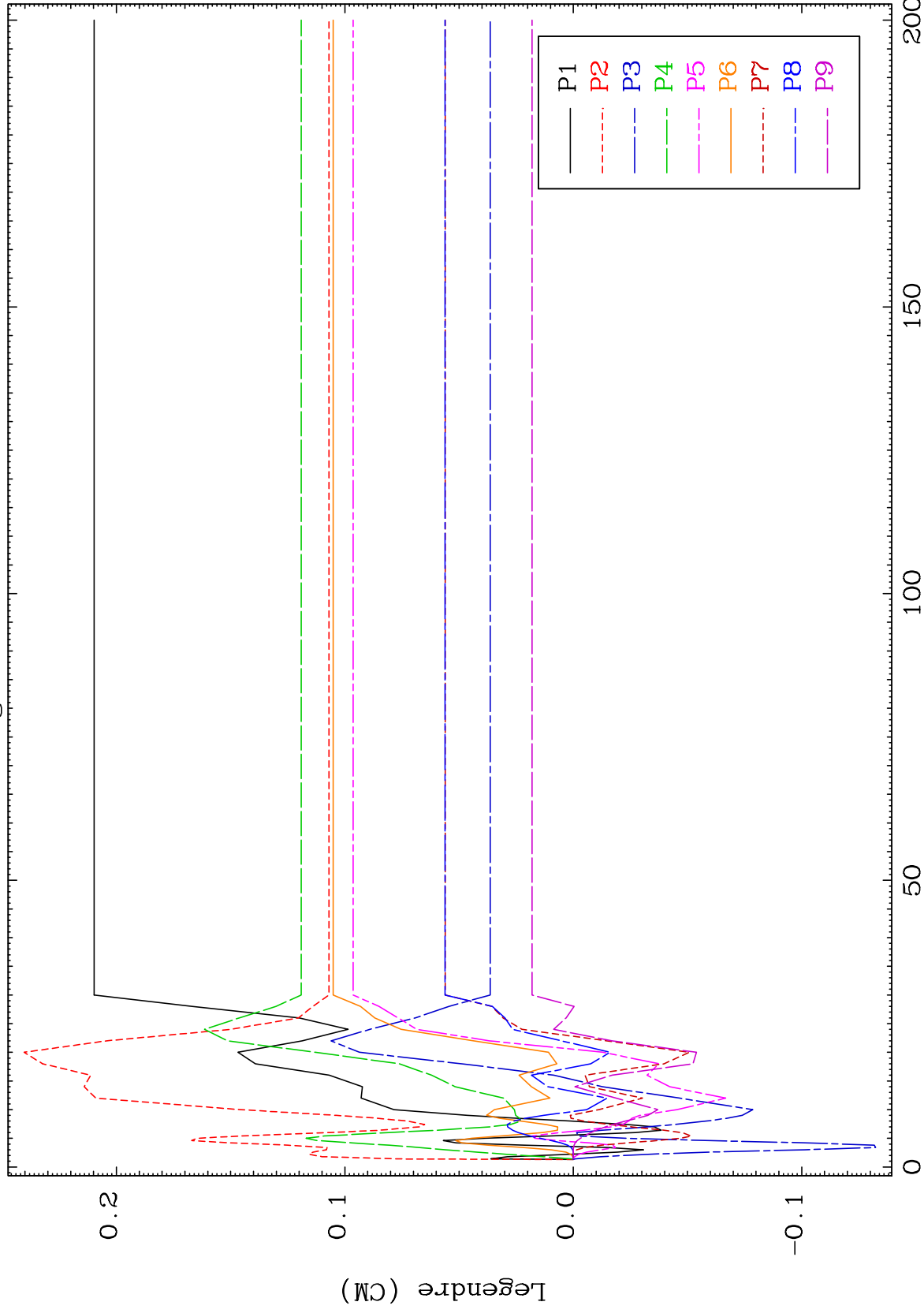
48-Cd-116

MAT 4855

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

48-Cd-116

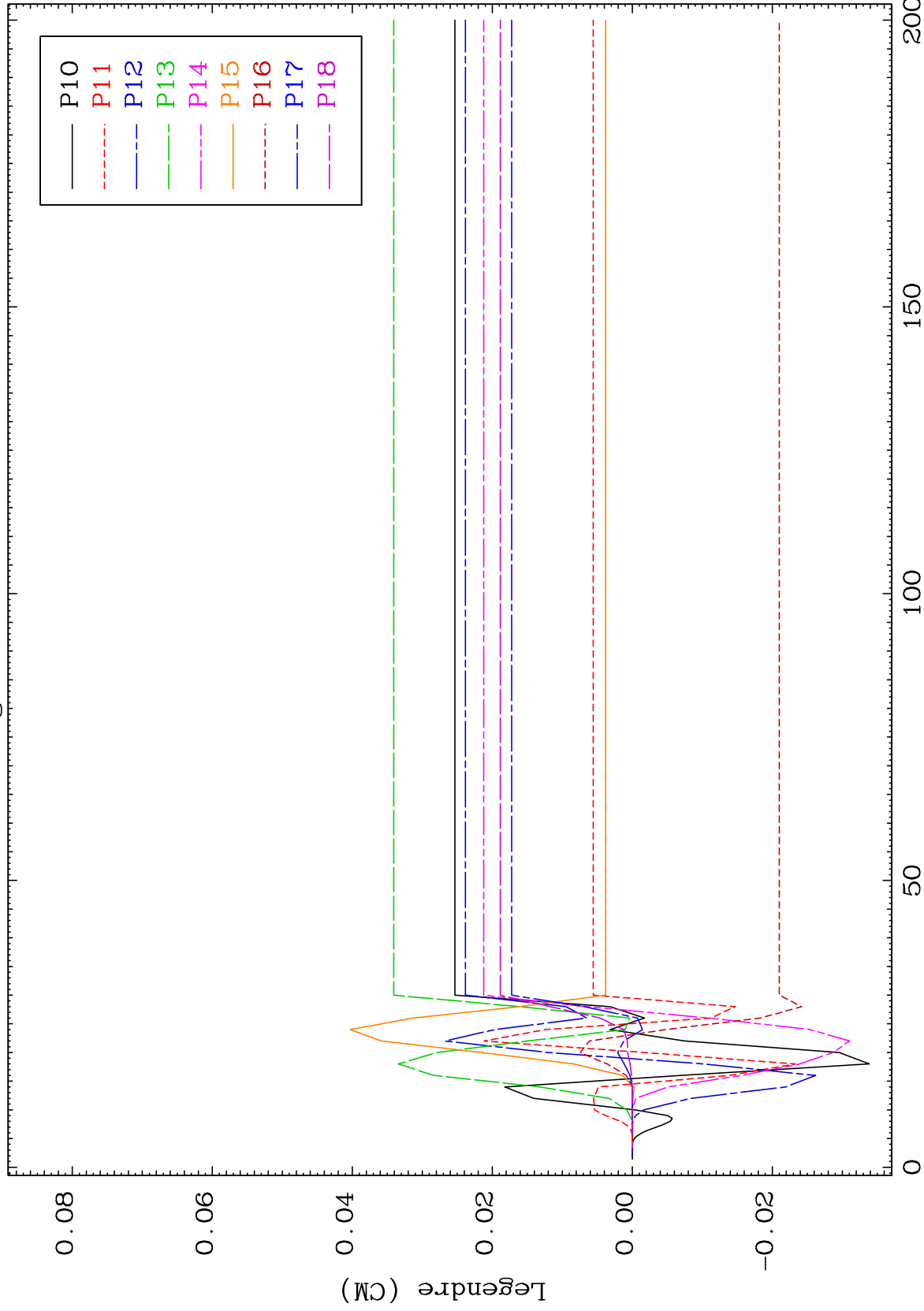




MAT 4855

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

48-Cd-116



33

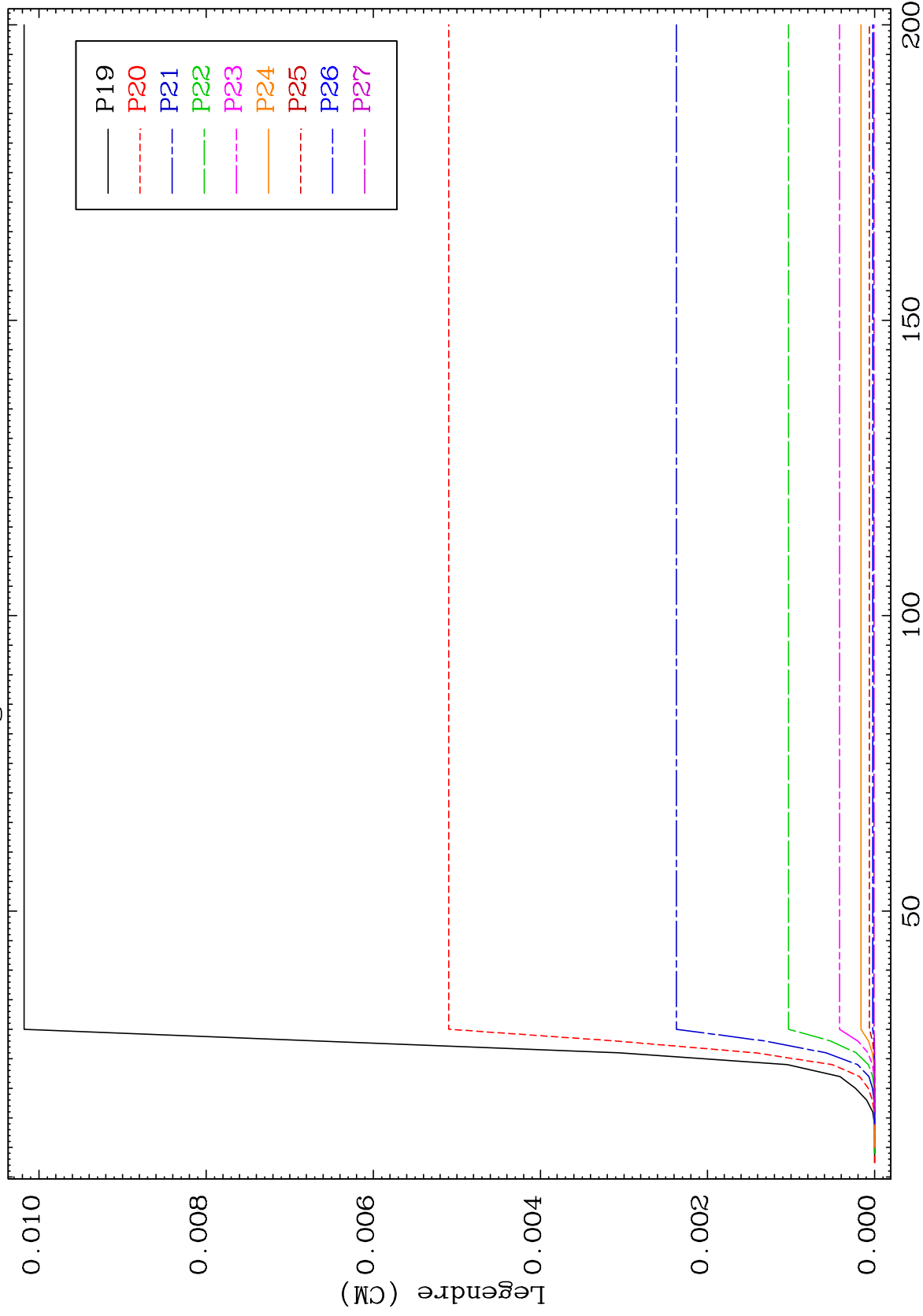
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



34

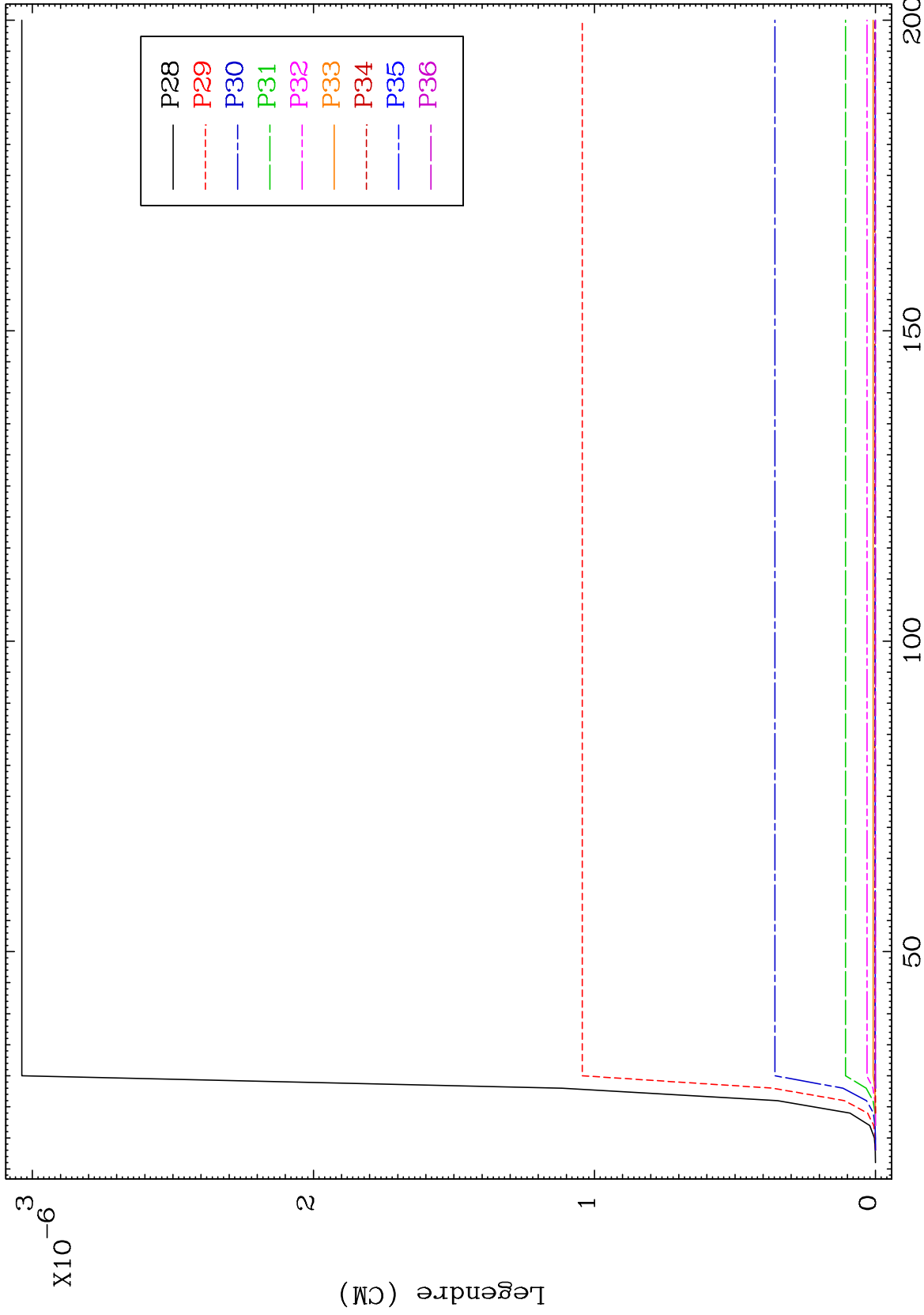
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



35

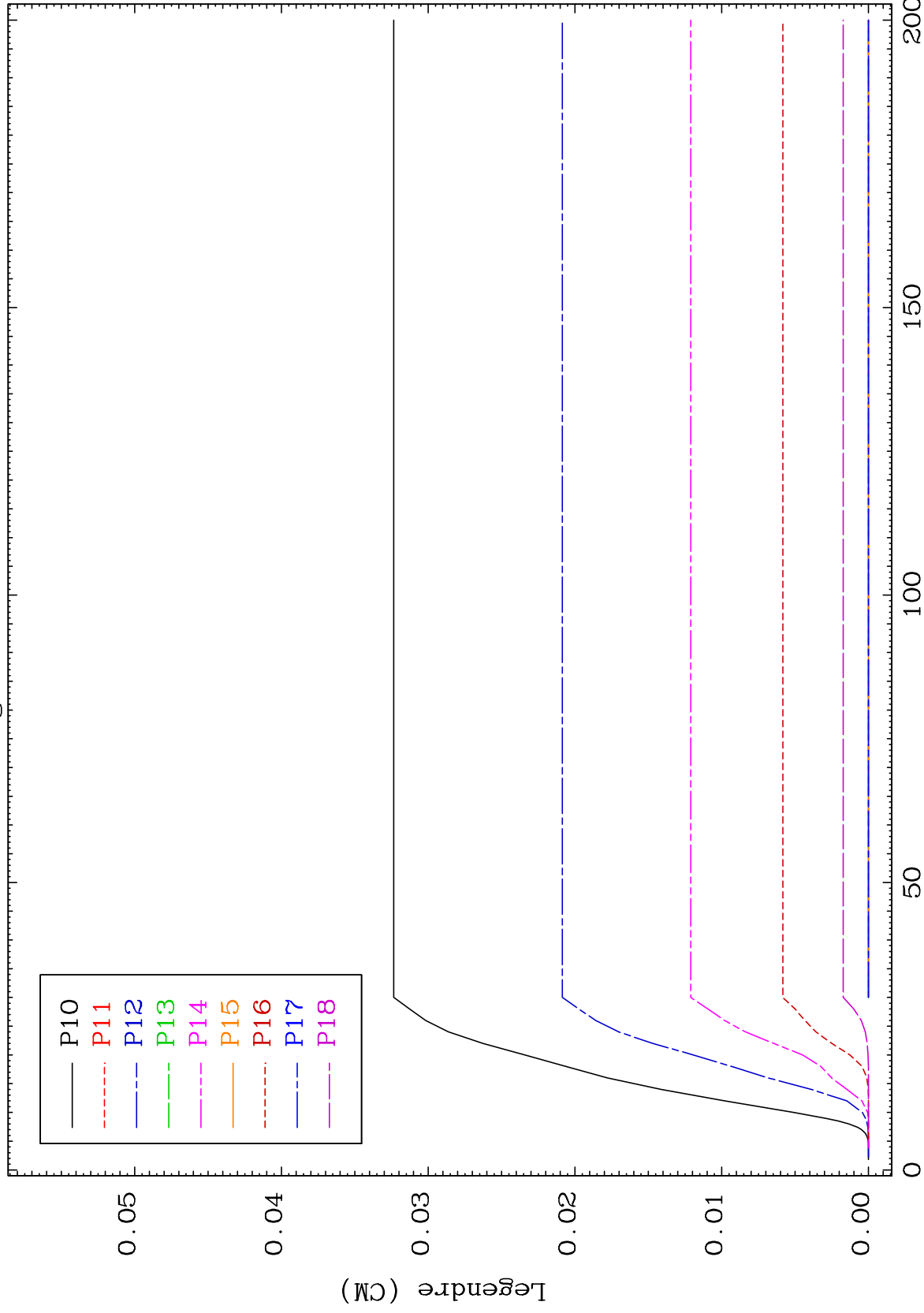
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



37

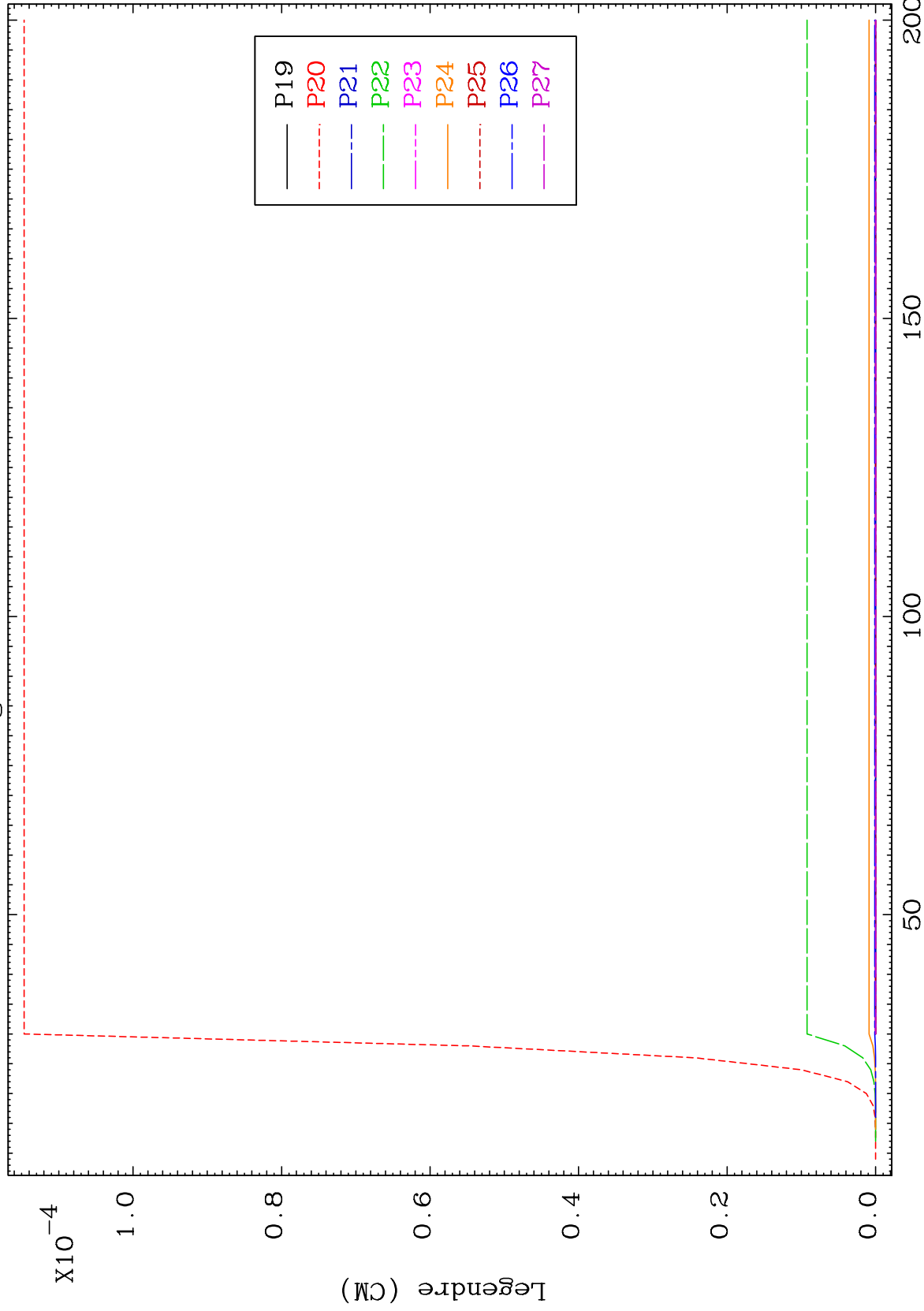
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

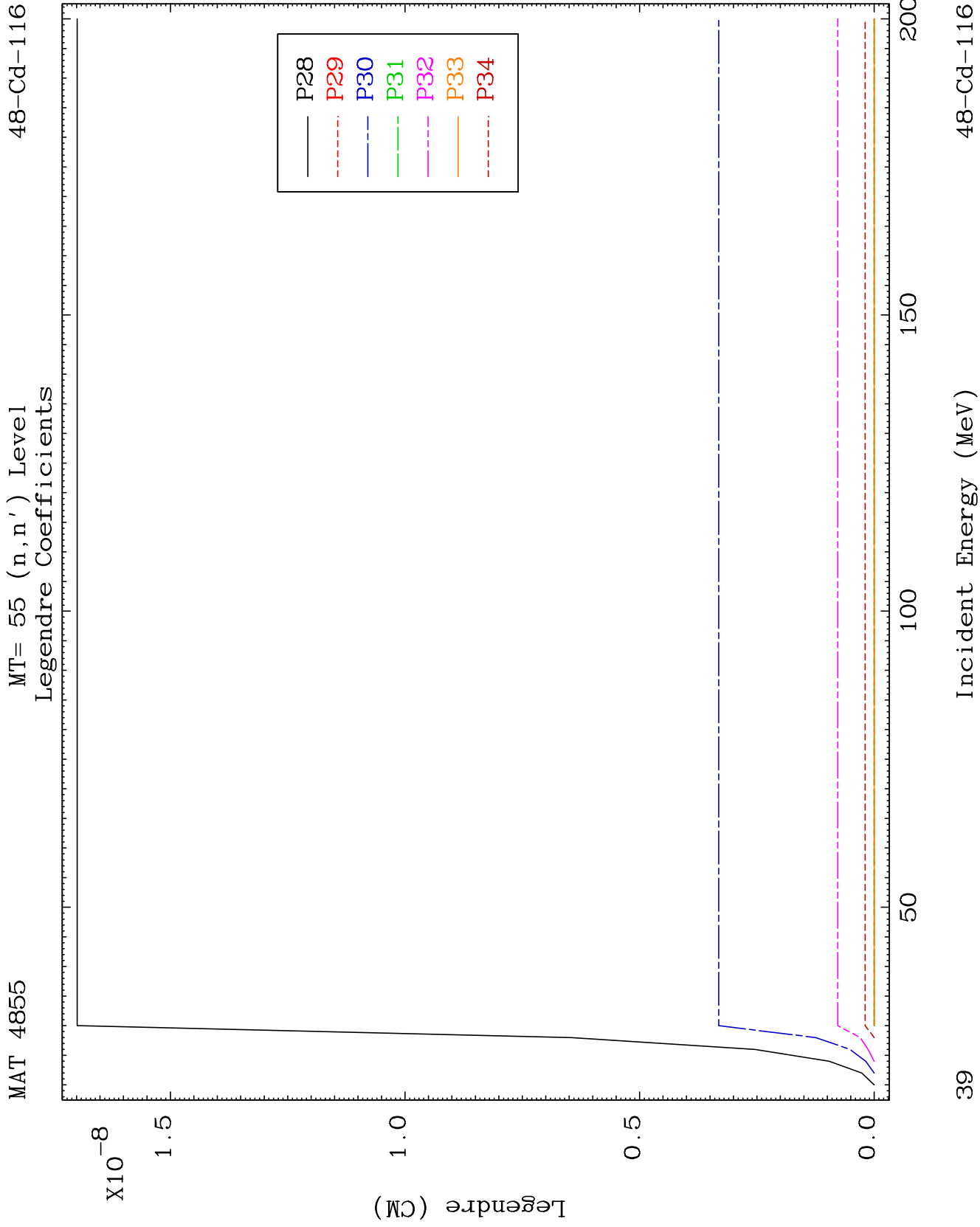
48-Cd-116



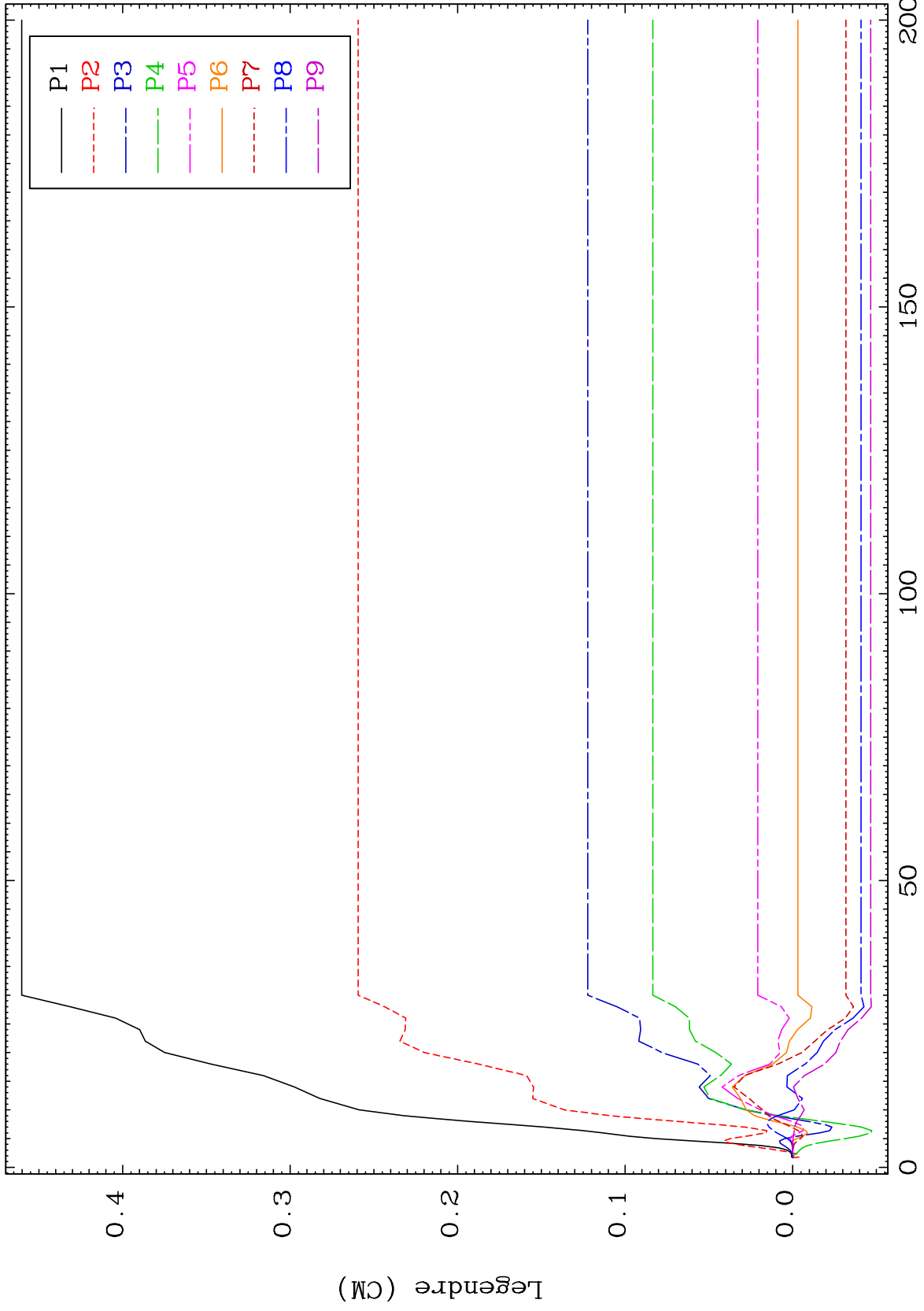
38

Incident Energy (MeV)

48-Cd-116



MAT 4855 MT= 56 (n,n') Level 48-Cd-116
Legendre Coefficients

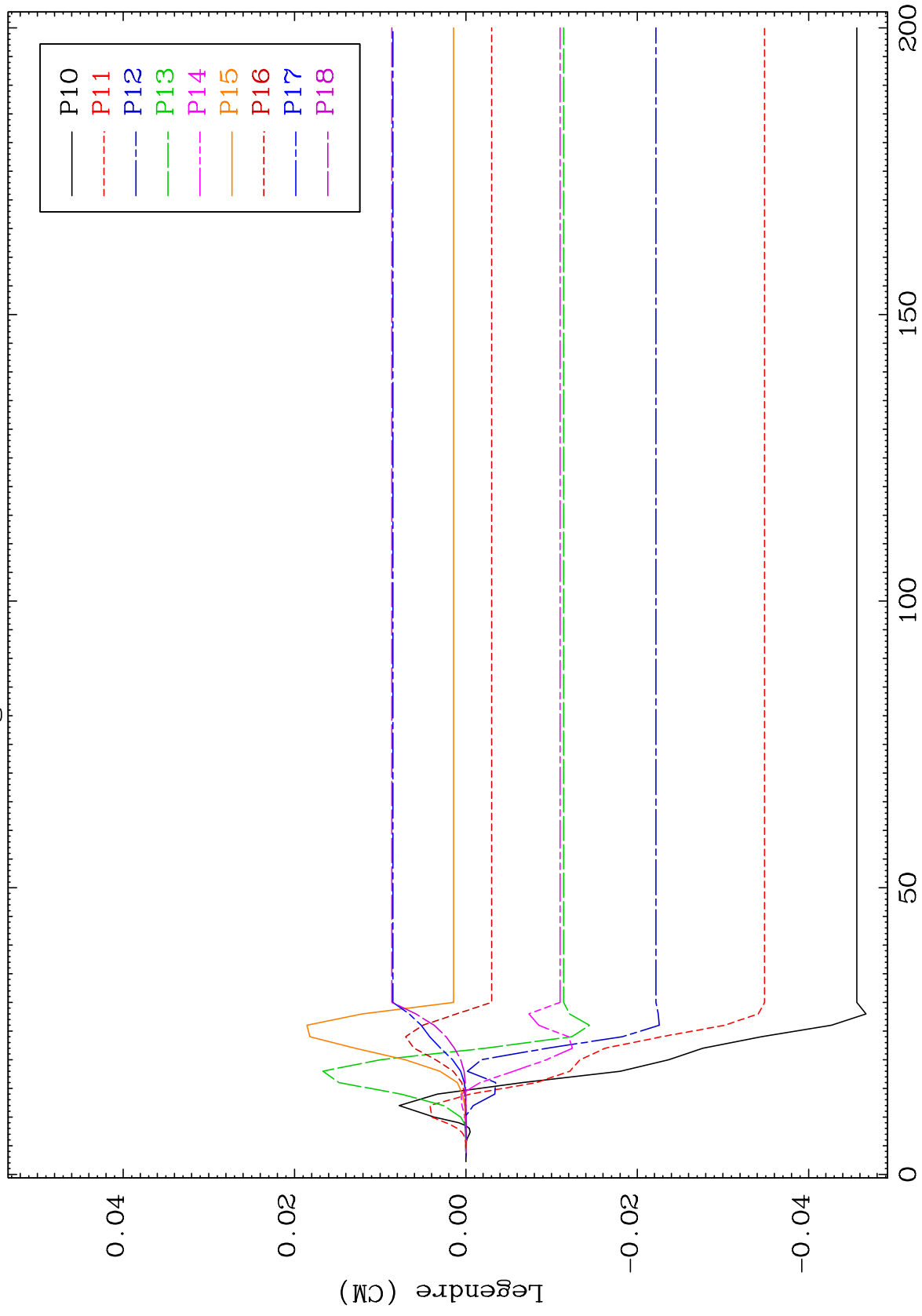


40 50 100 150 200 48-Cd-116

MAT 4855

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

48-Cd-116



41

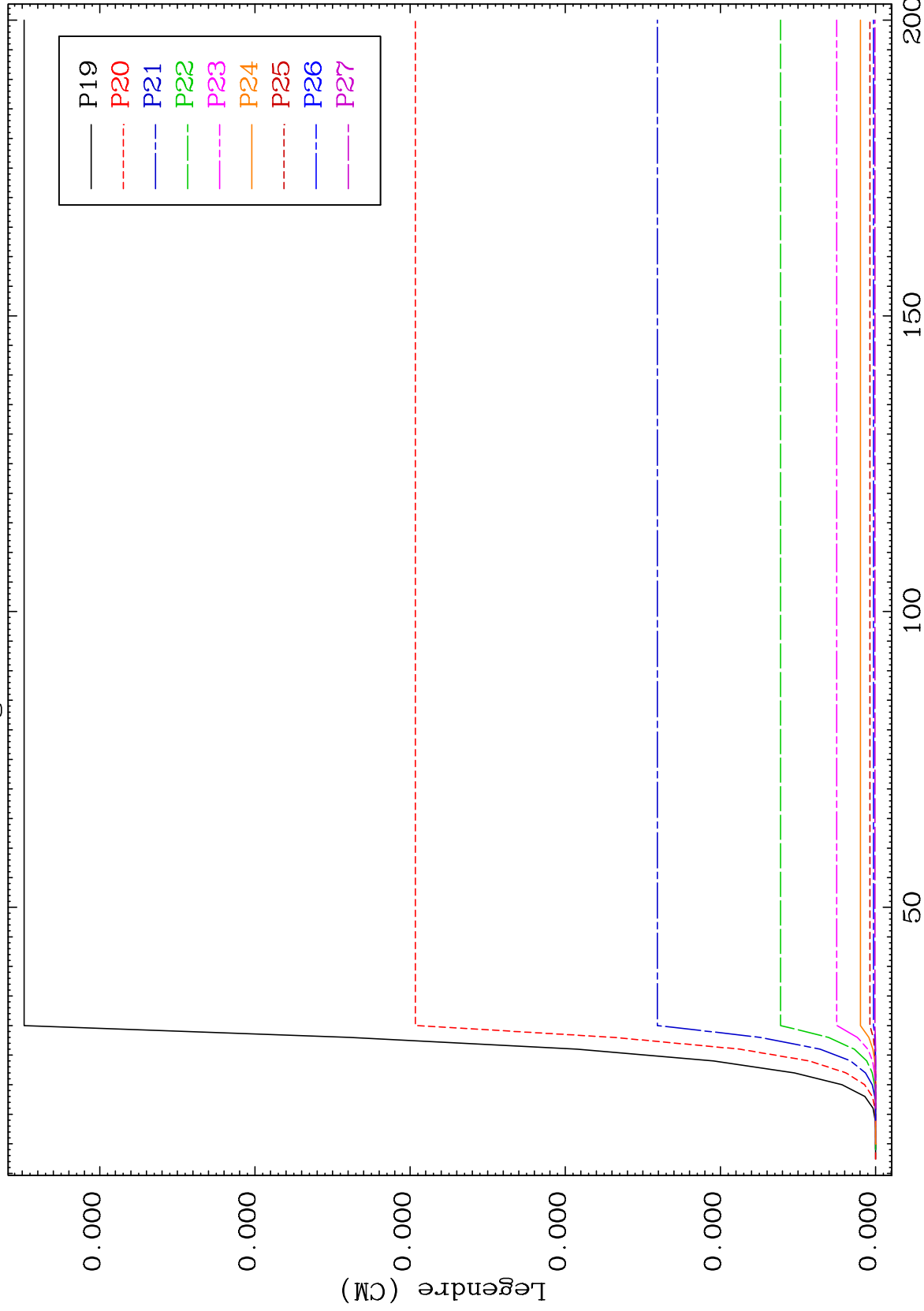
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



42

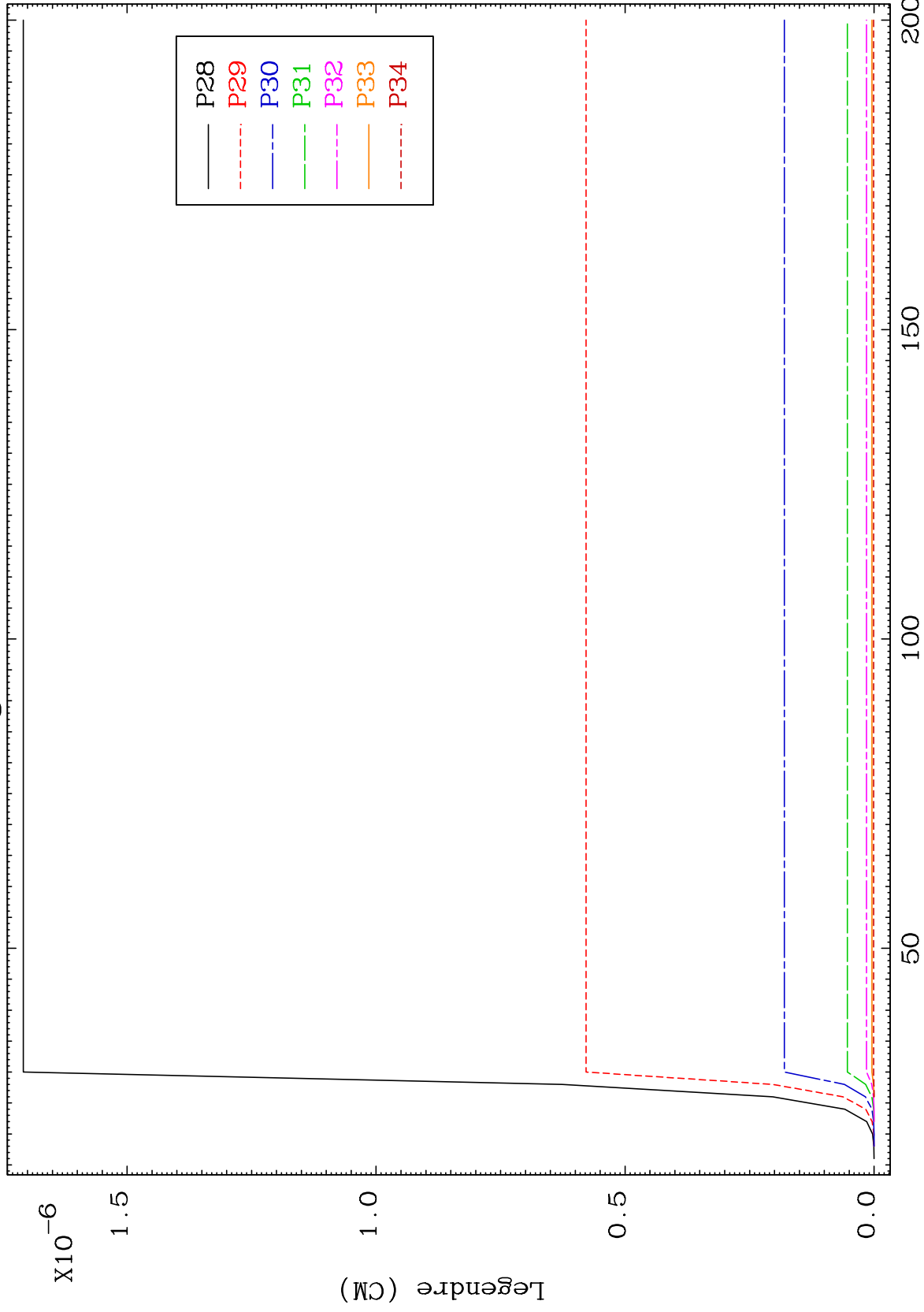
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



43

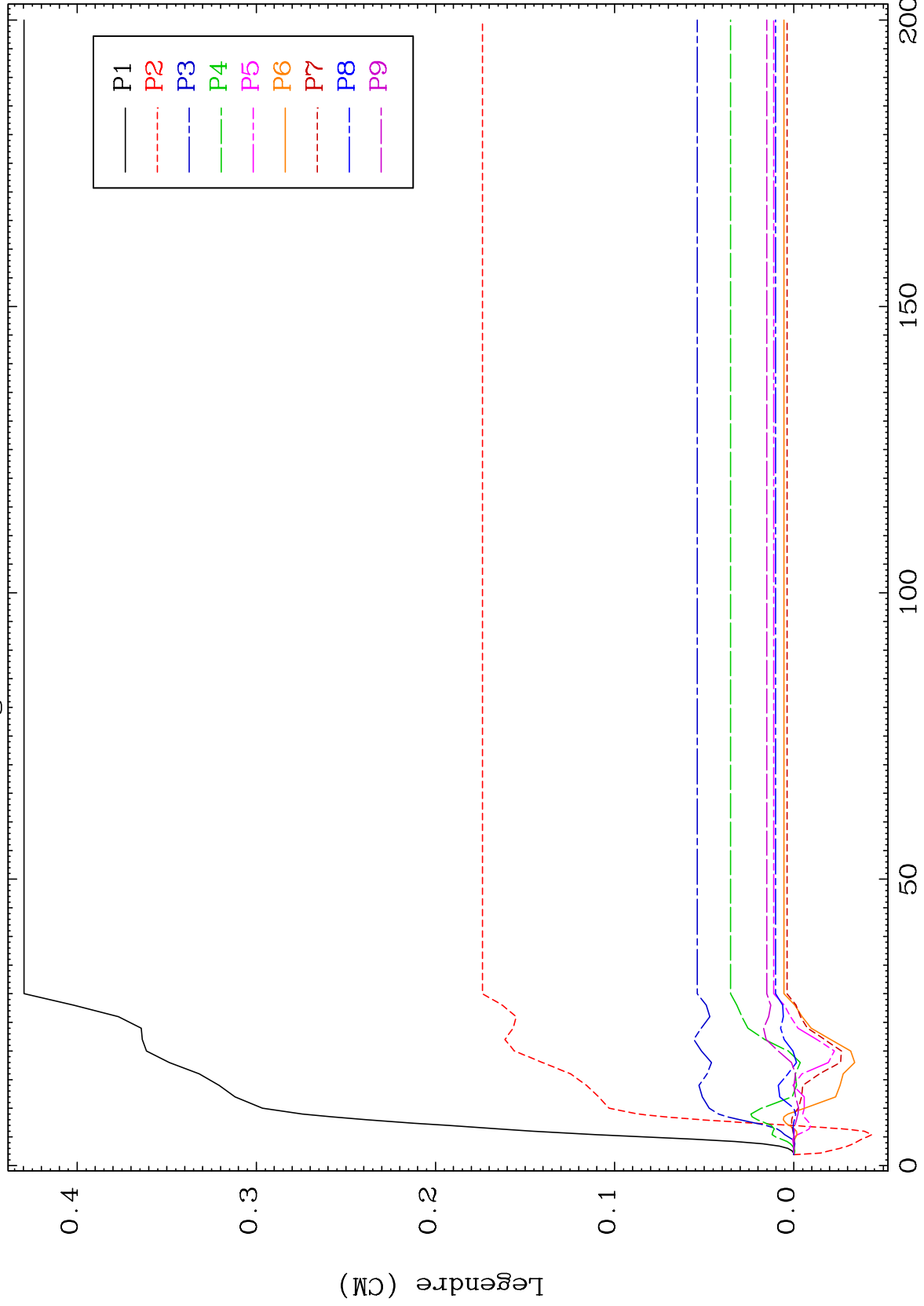
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



44

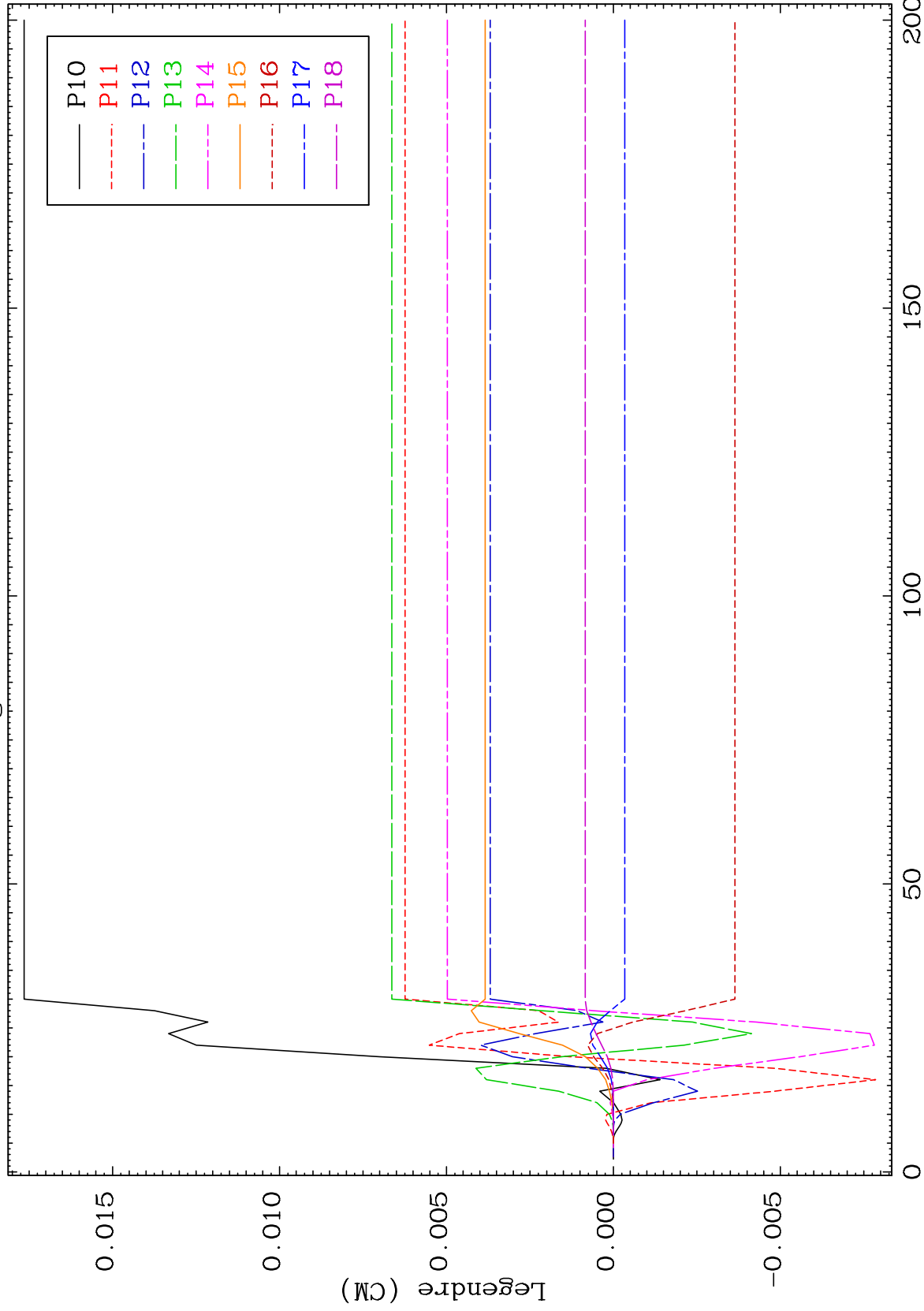
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



45

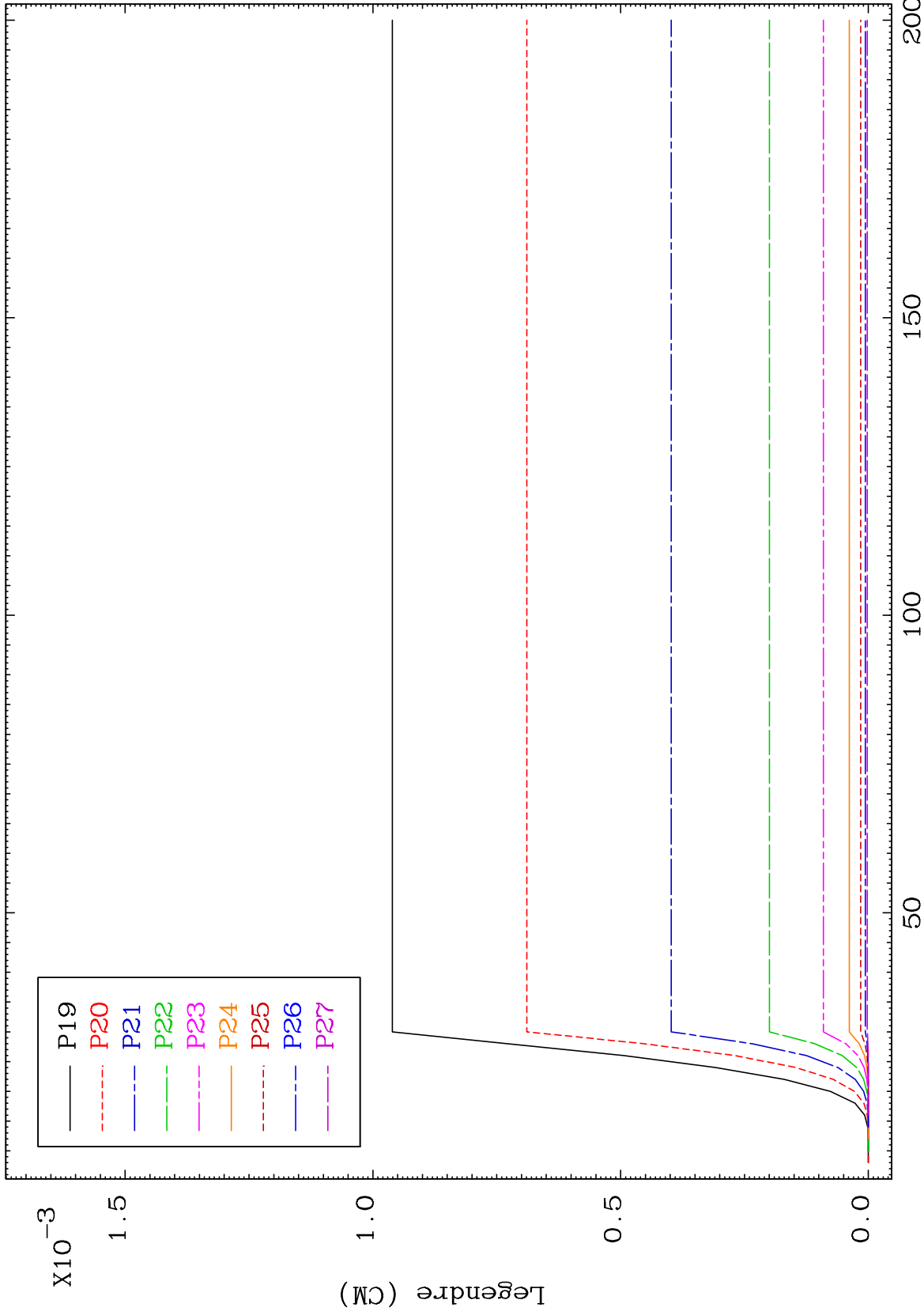
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



46

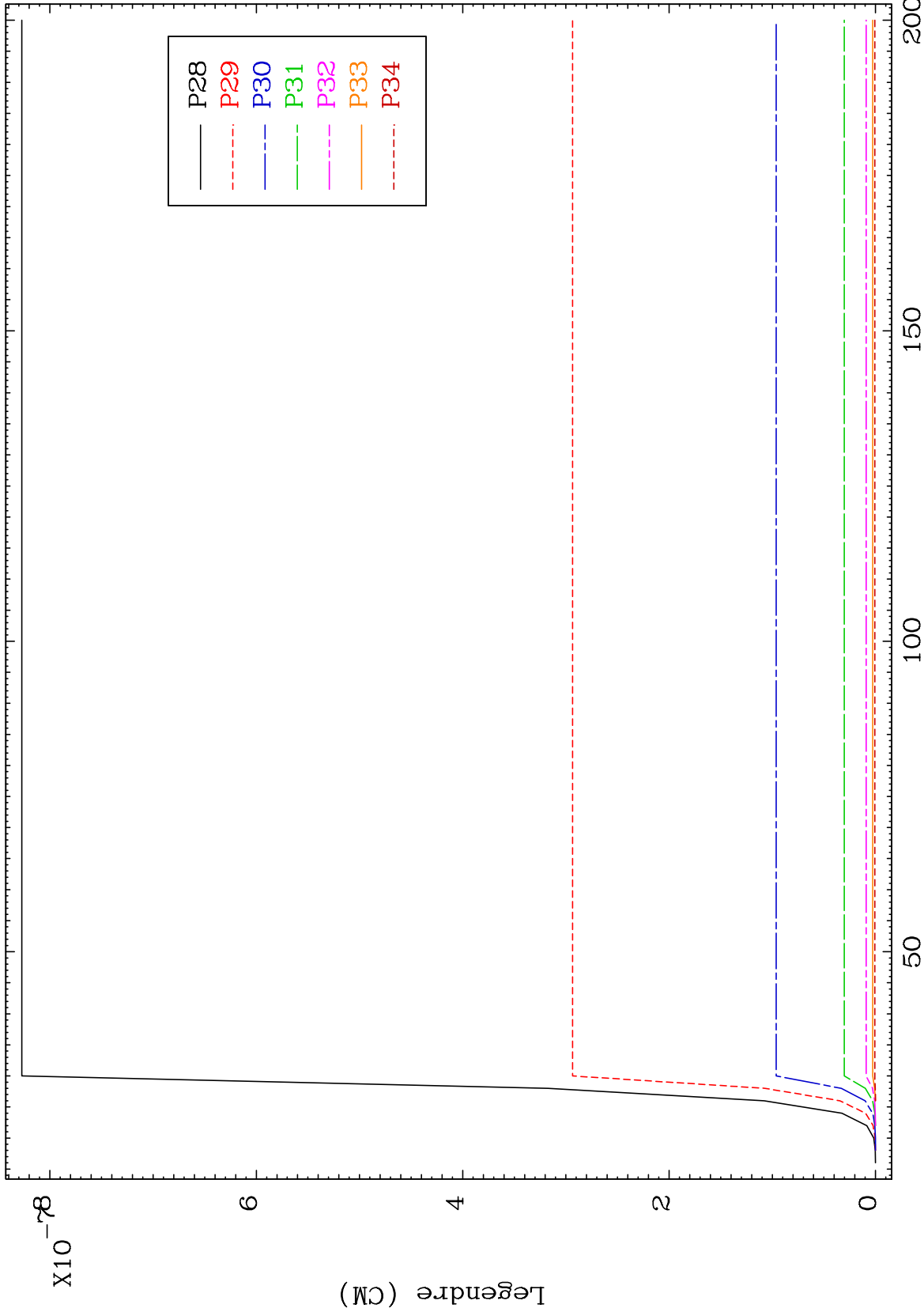
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



47

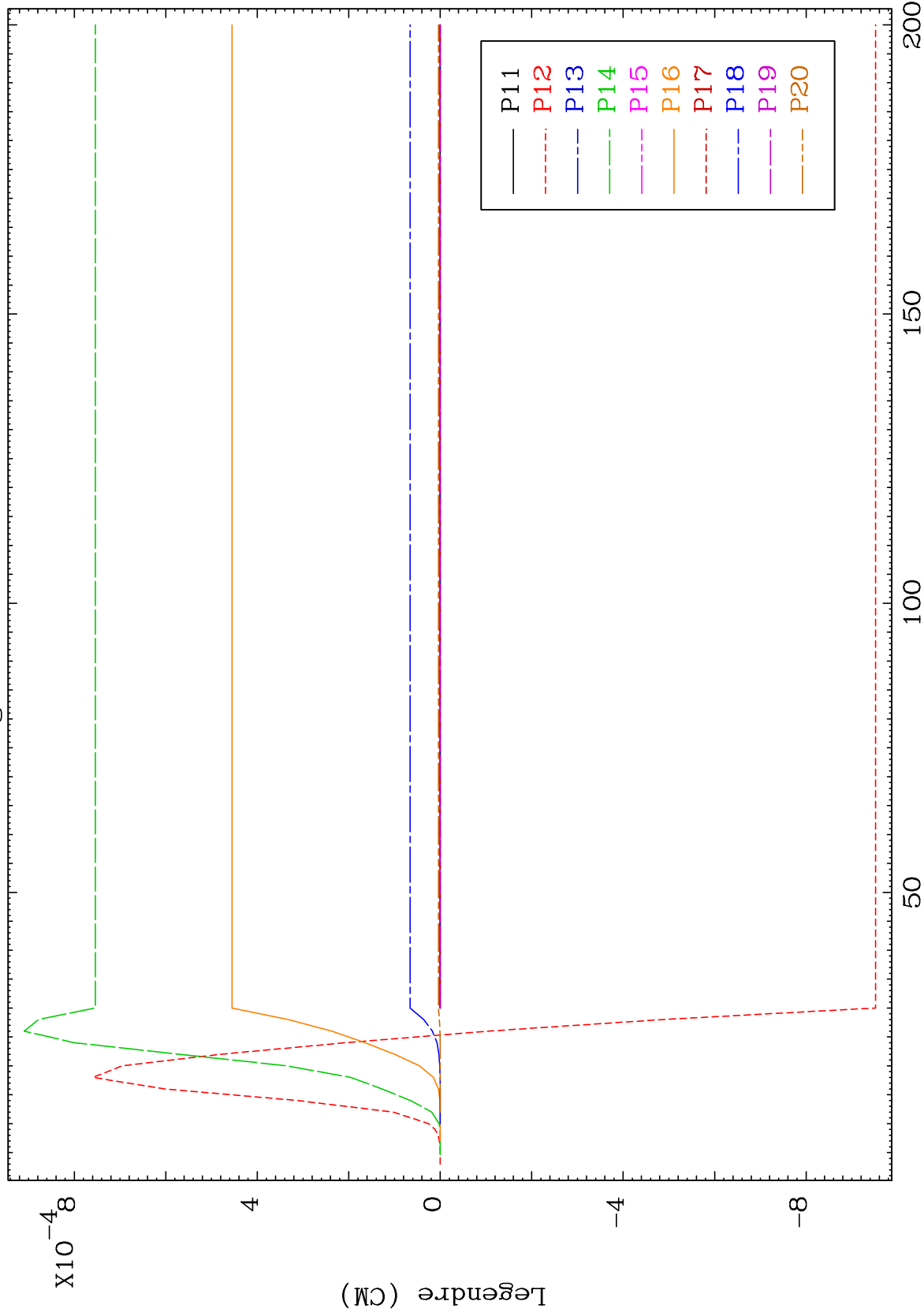
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

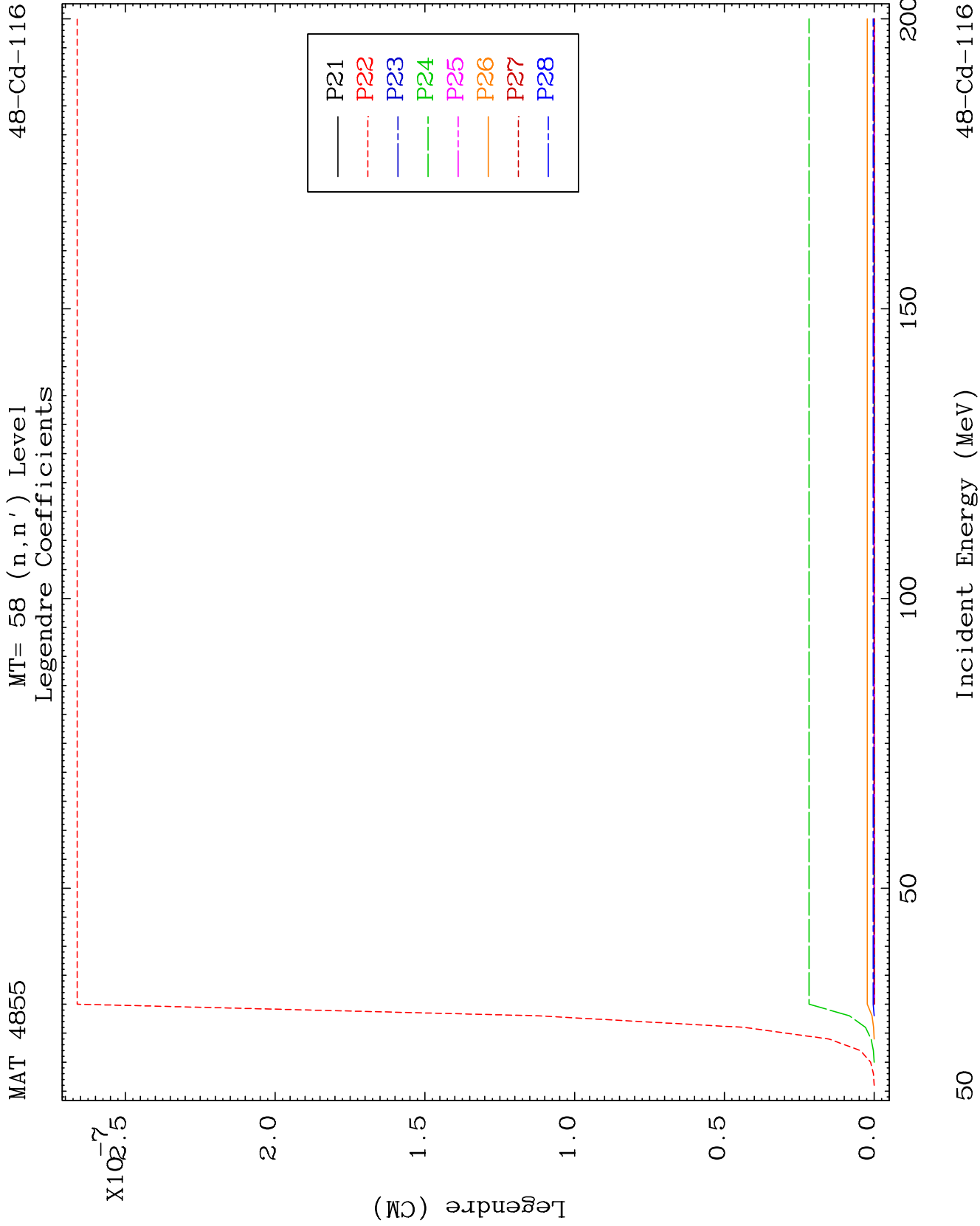
48-Cd-116



49

Incident Energy (MeV)

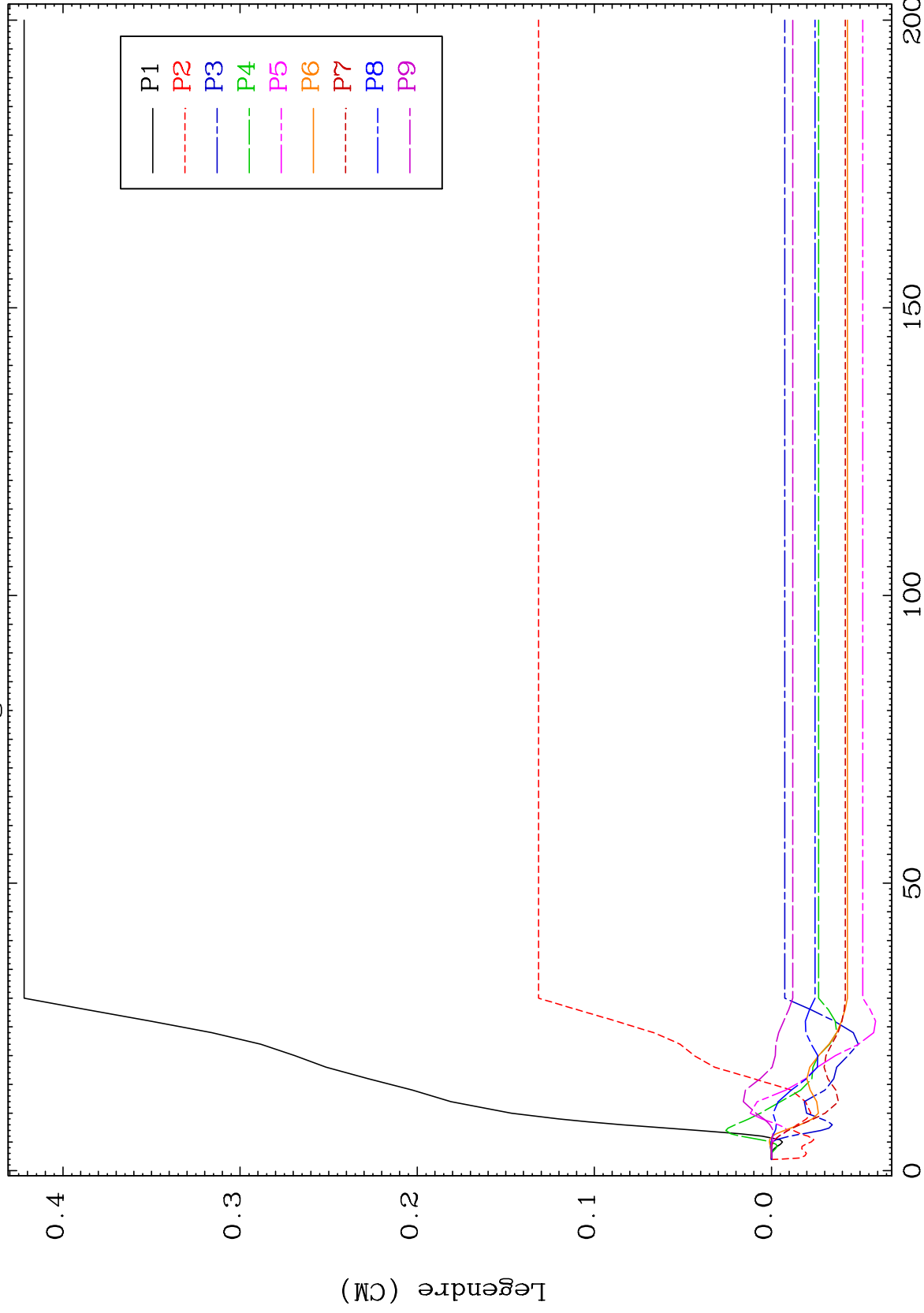
48-Cd-116



MAT 4855

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

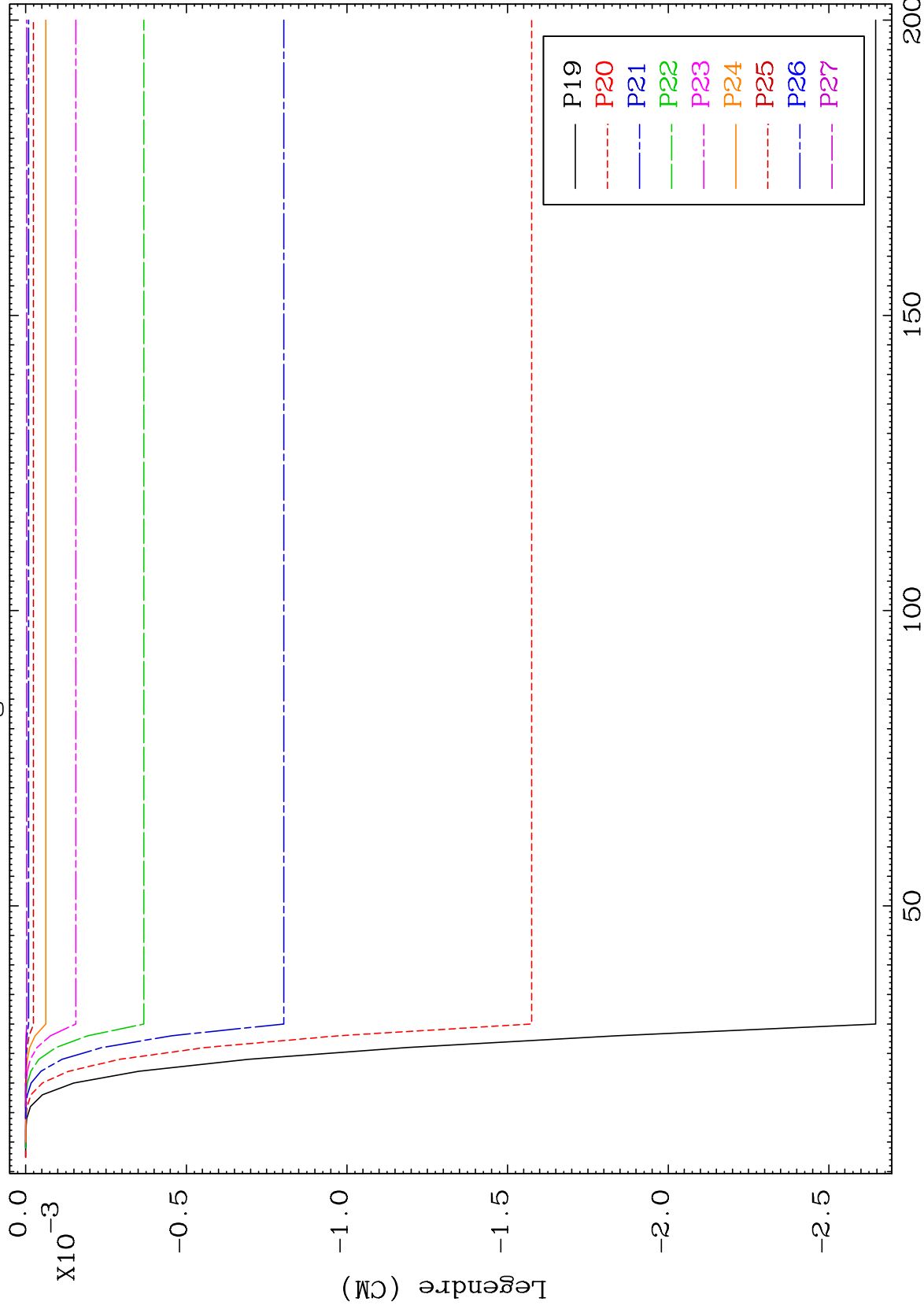
48-Cd-116

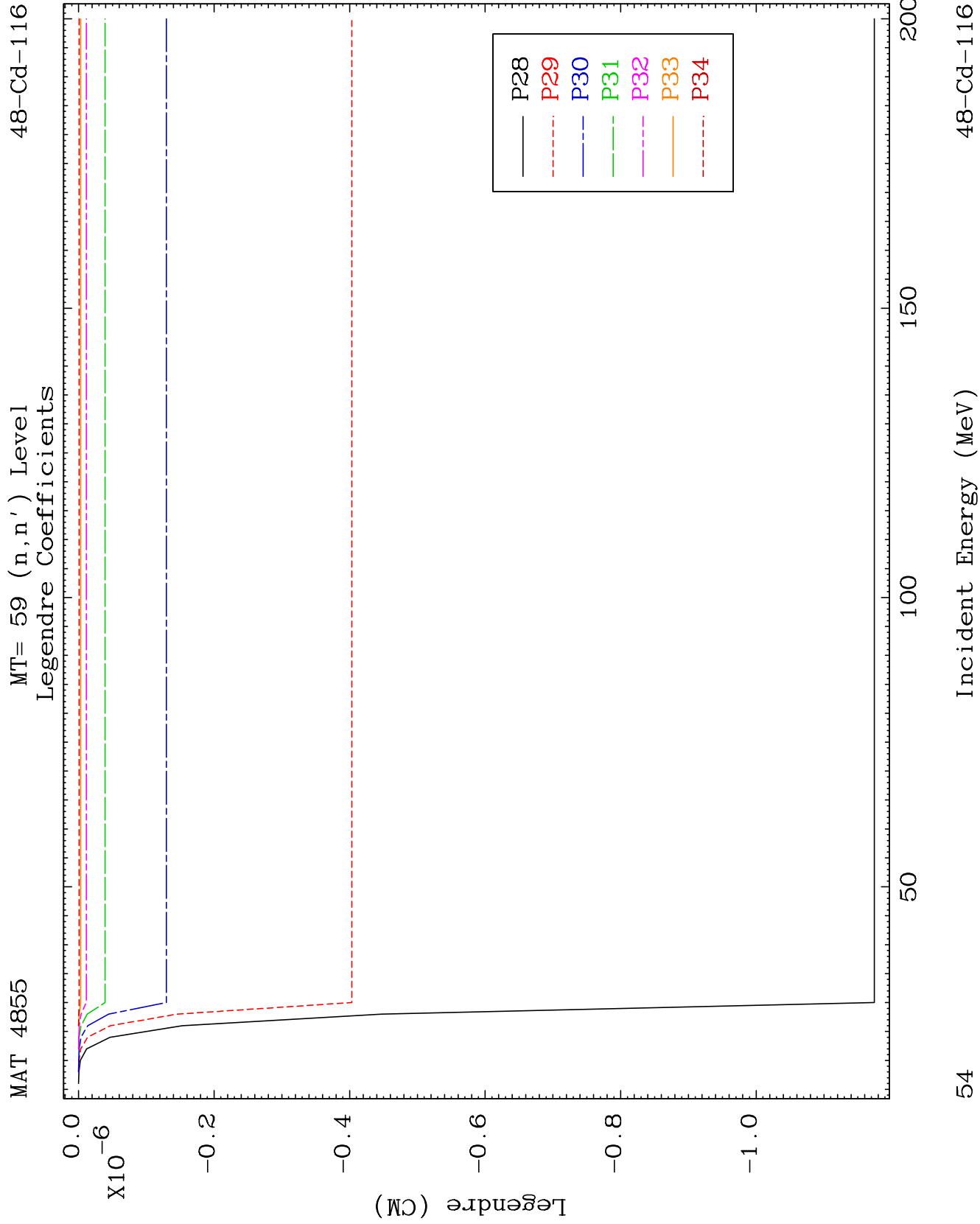


51

Incident Energy (MeV)

48-Cd-116

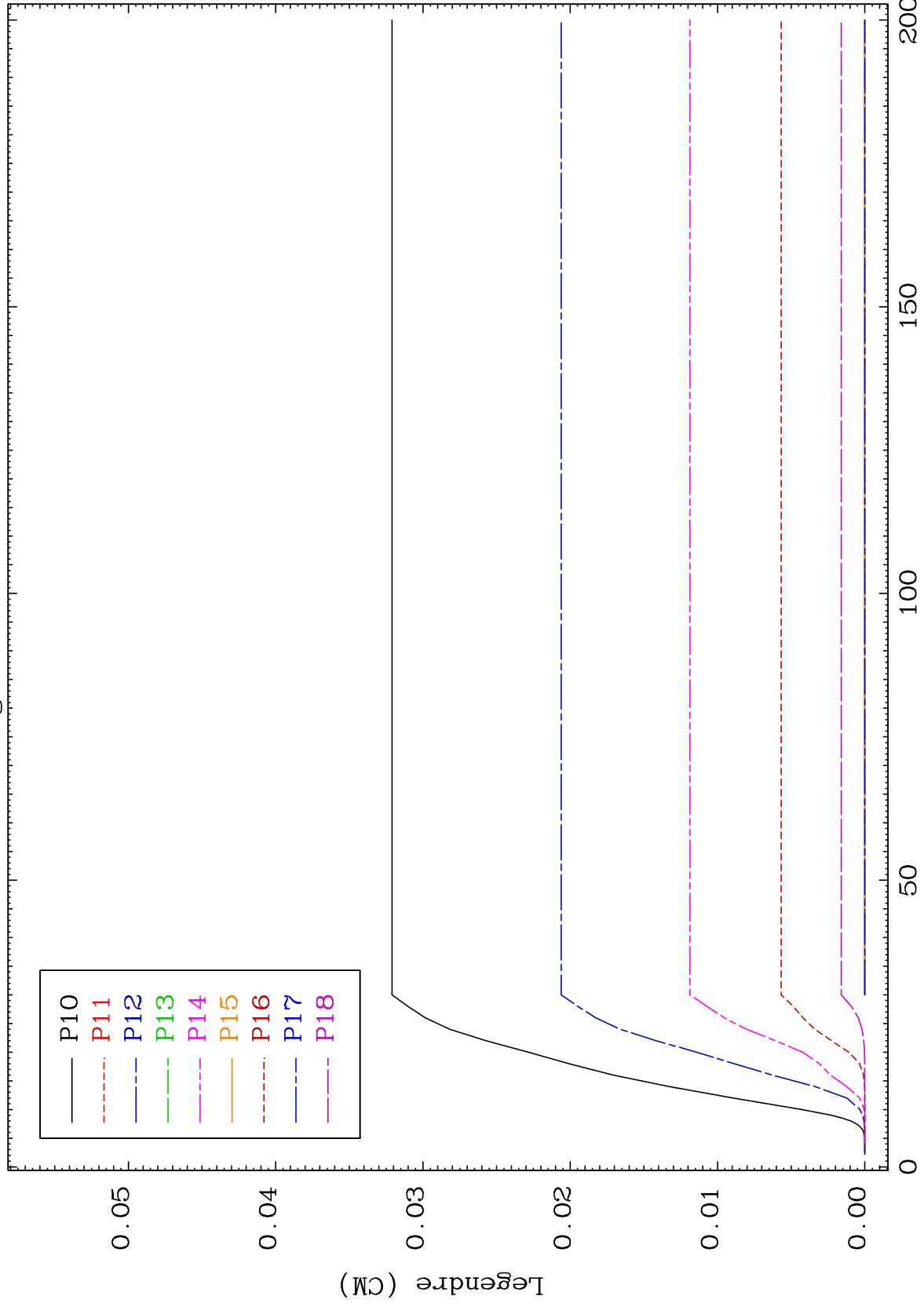




MAT 4855

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

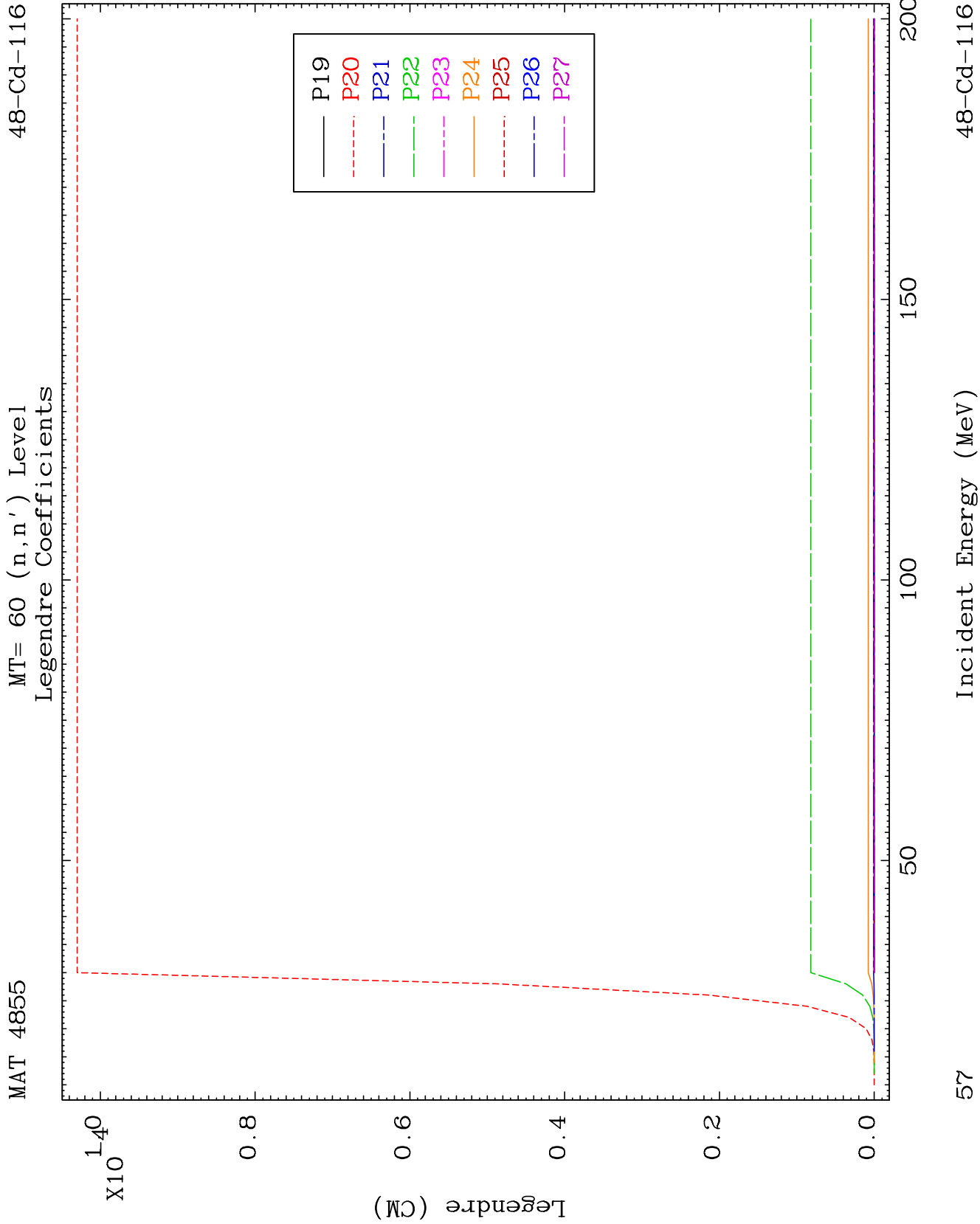
48-Cd-116



56

Incident Energy (MeV)

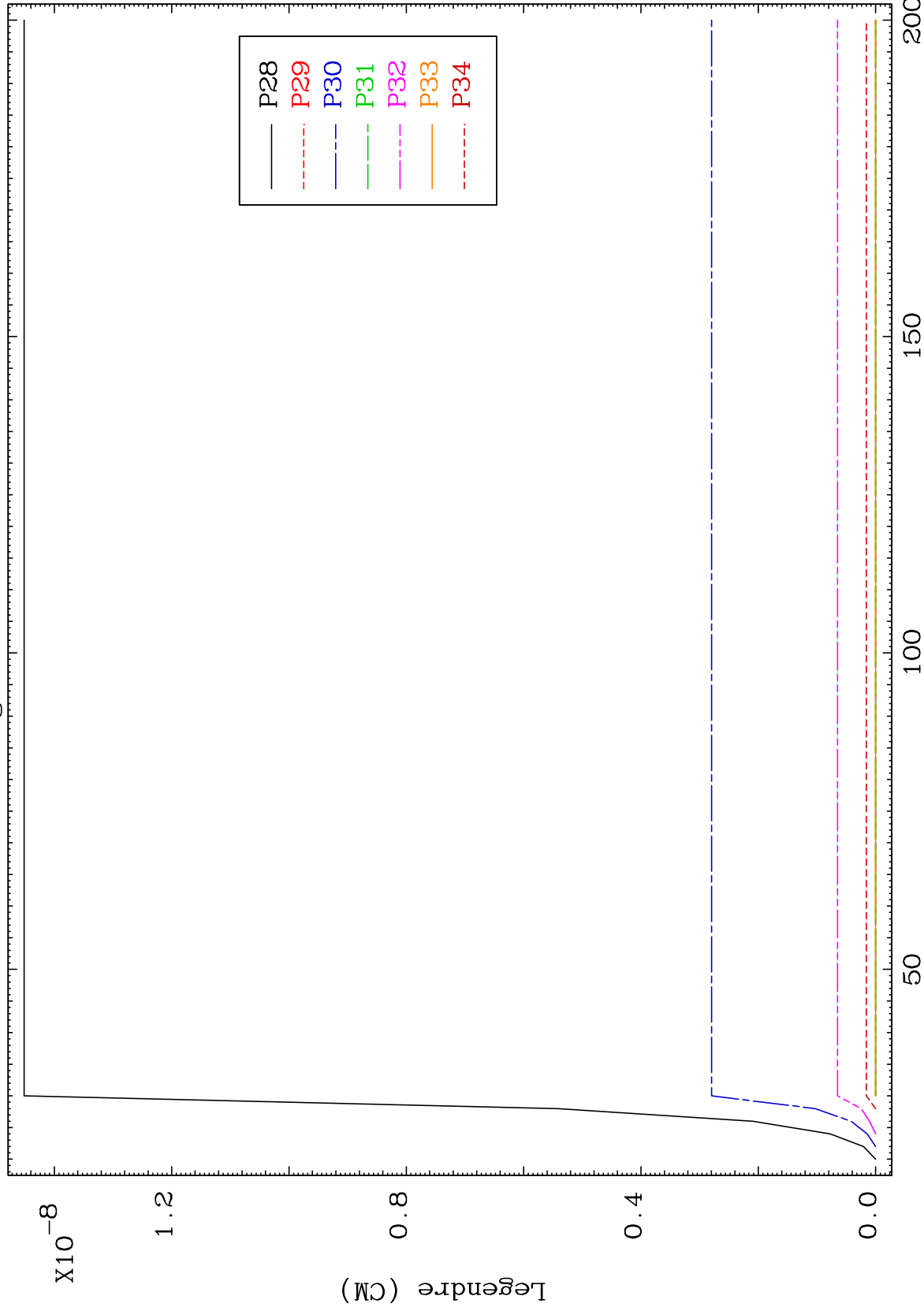
48-Cd-116



MAT 4855

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

48-Cd-116



58

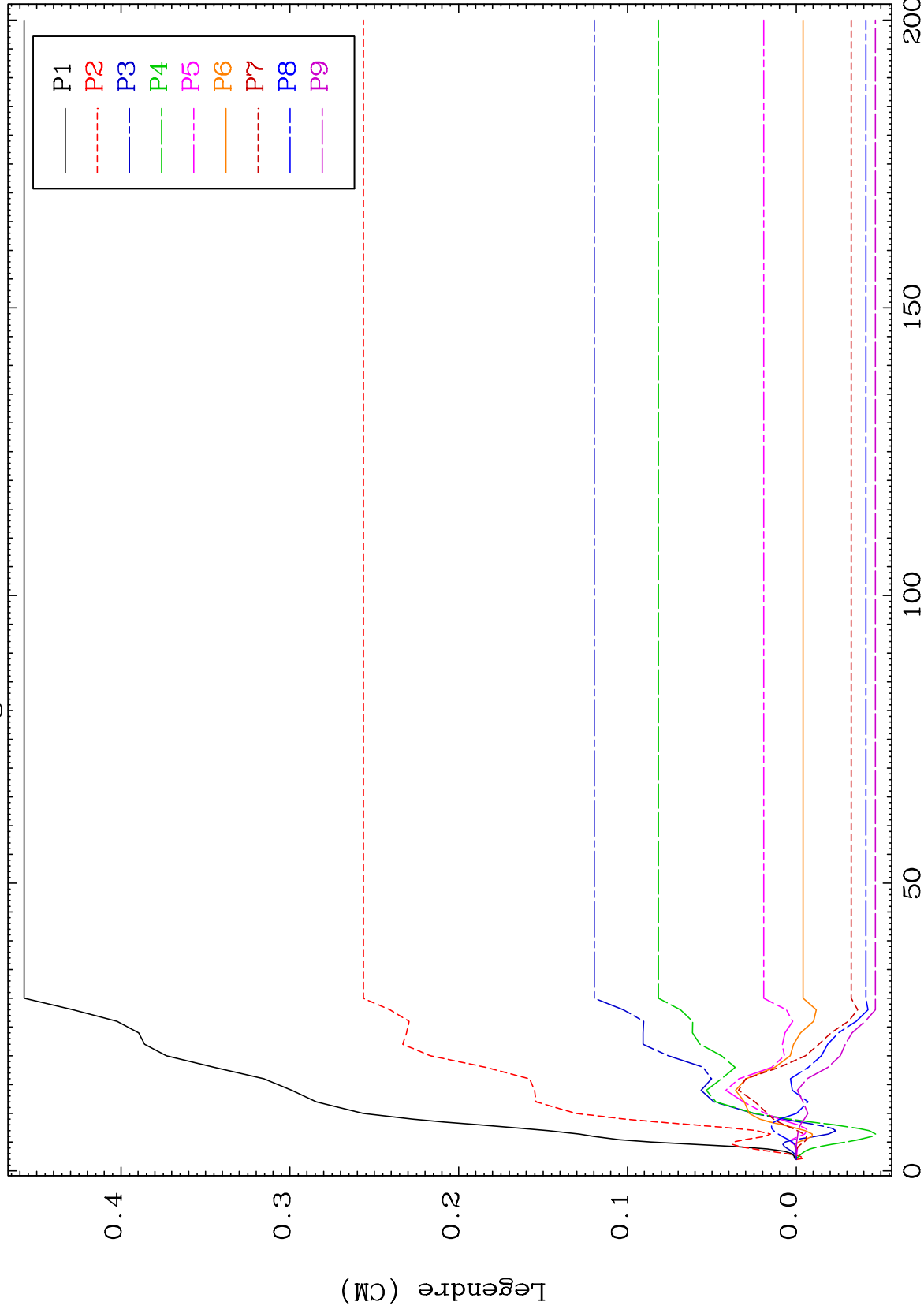
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

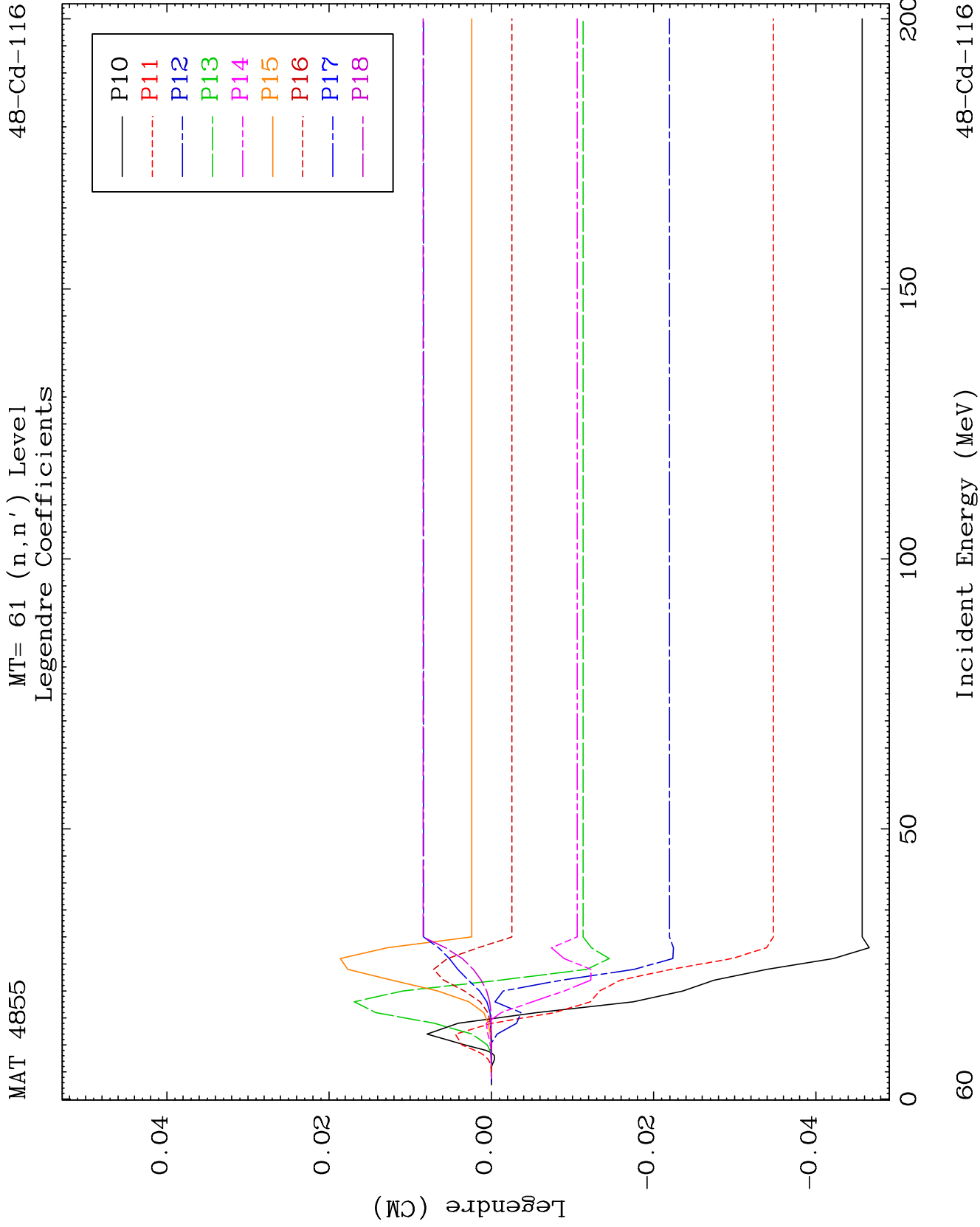
48-Cd-116



59

Incident Energy (MeV)

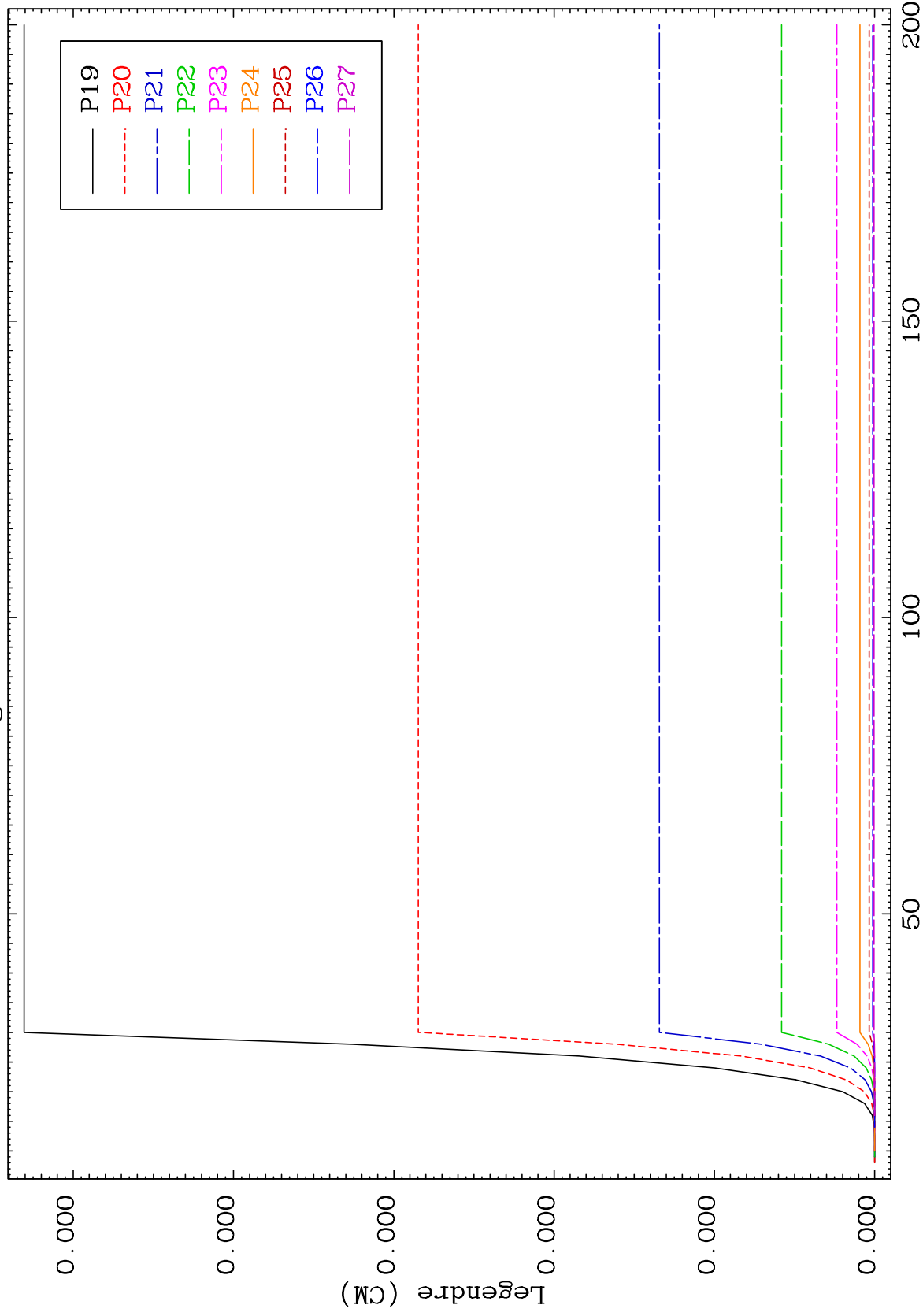
48-Cd-116



MAT 4855

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

48-Cd-116



61

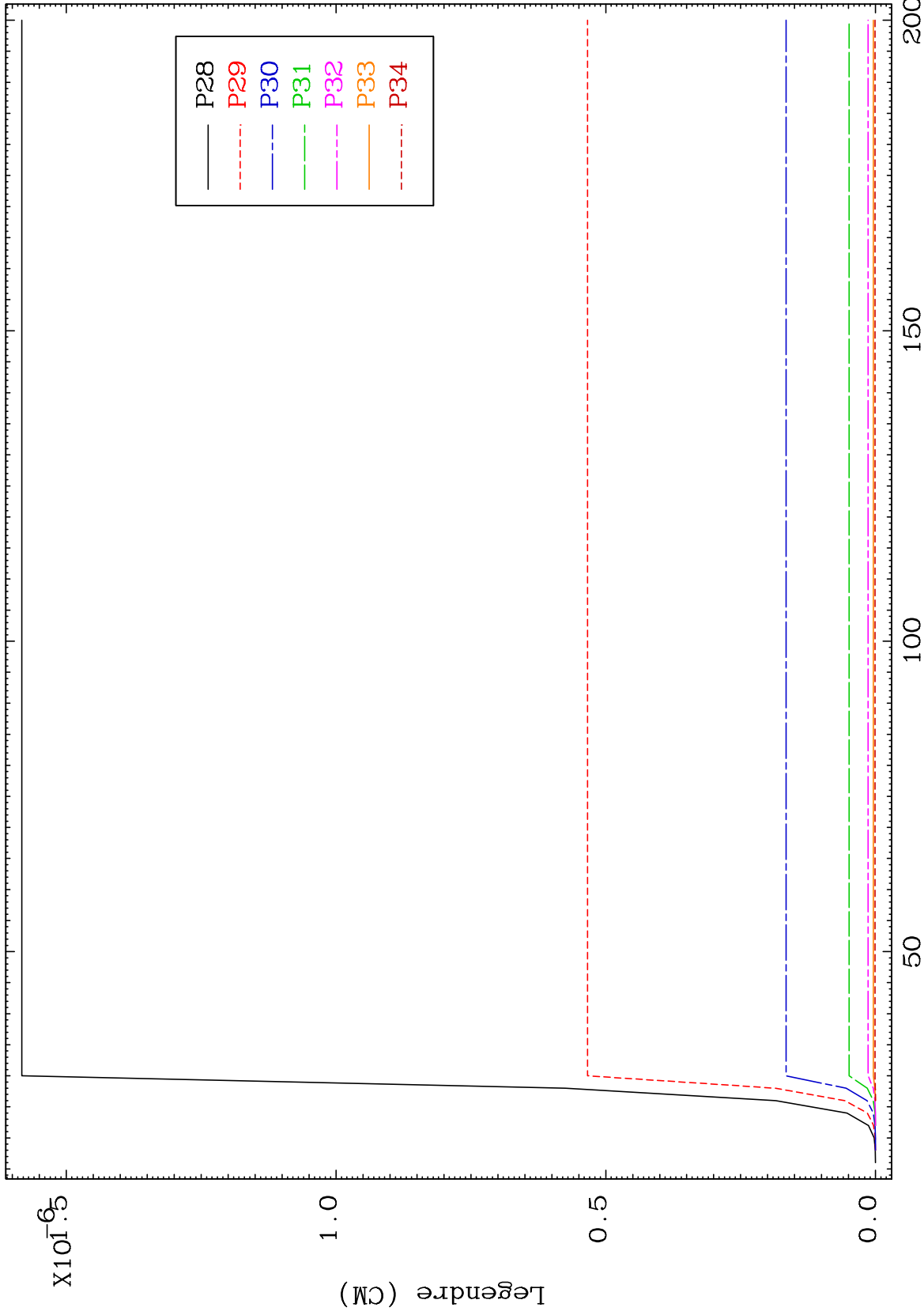
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



62

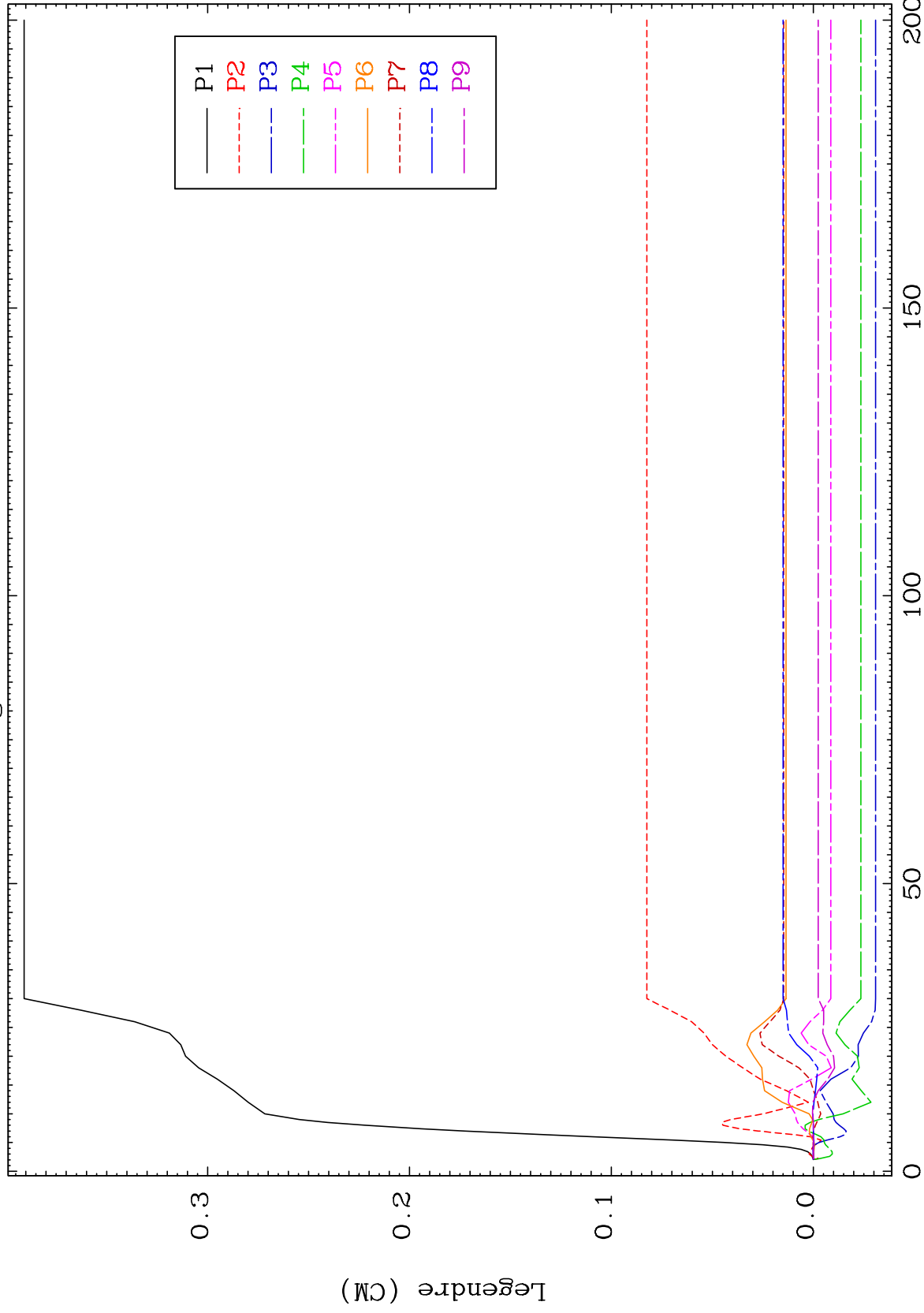
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

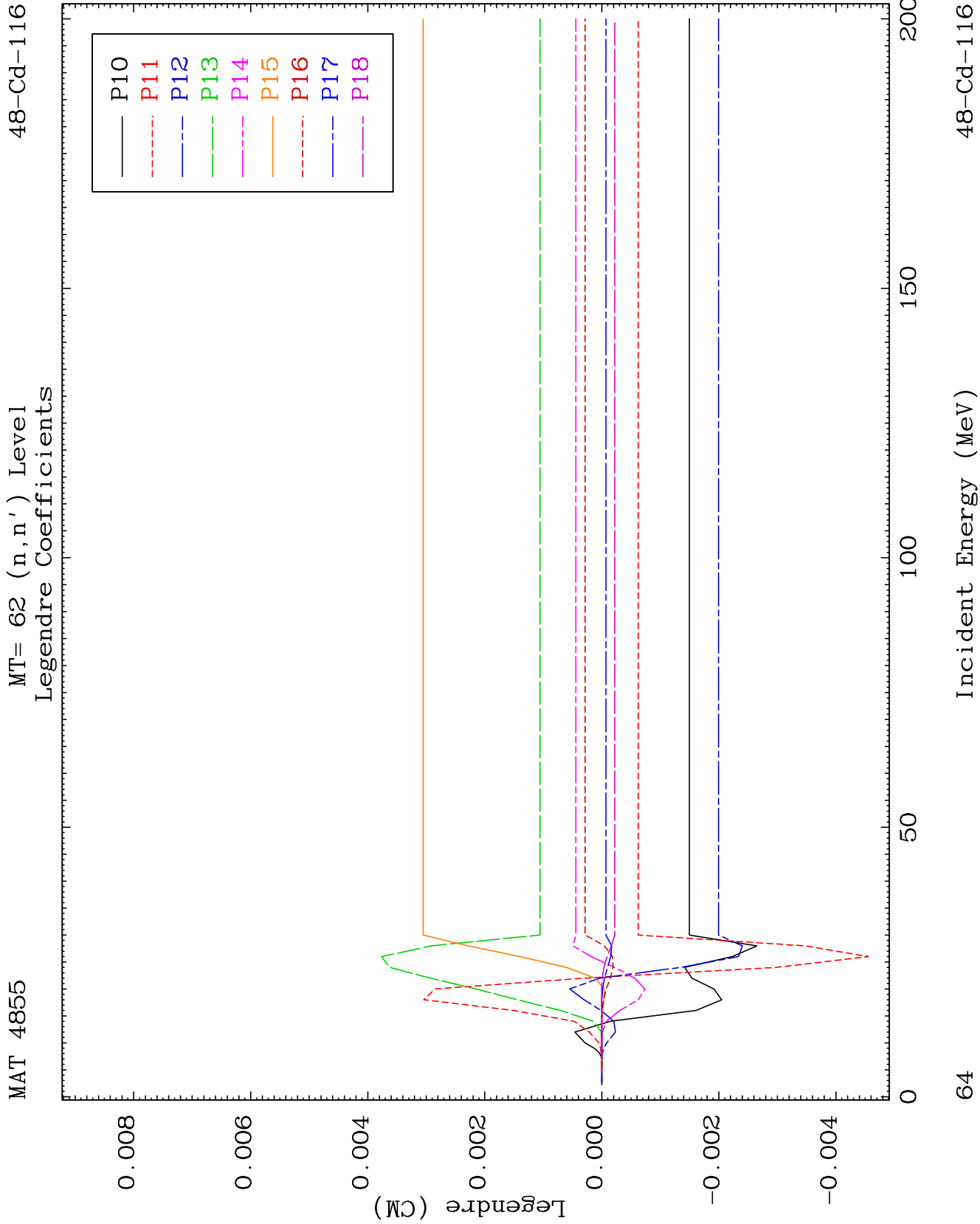
48-Cd-116

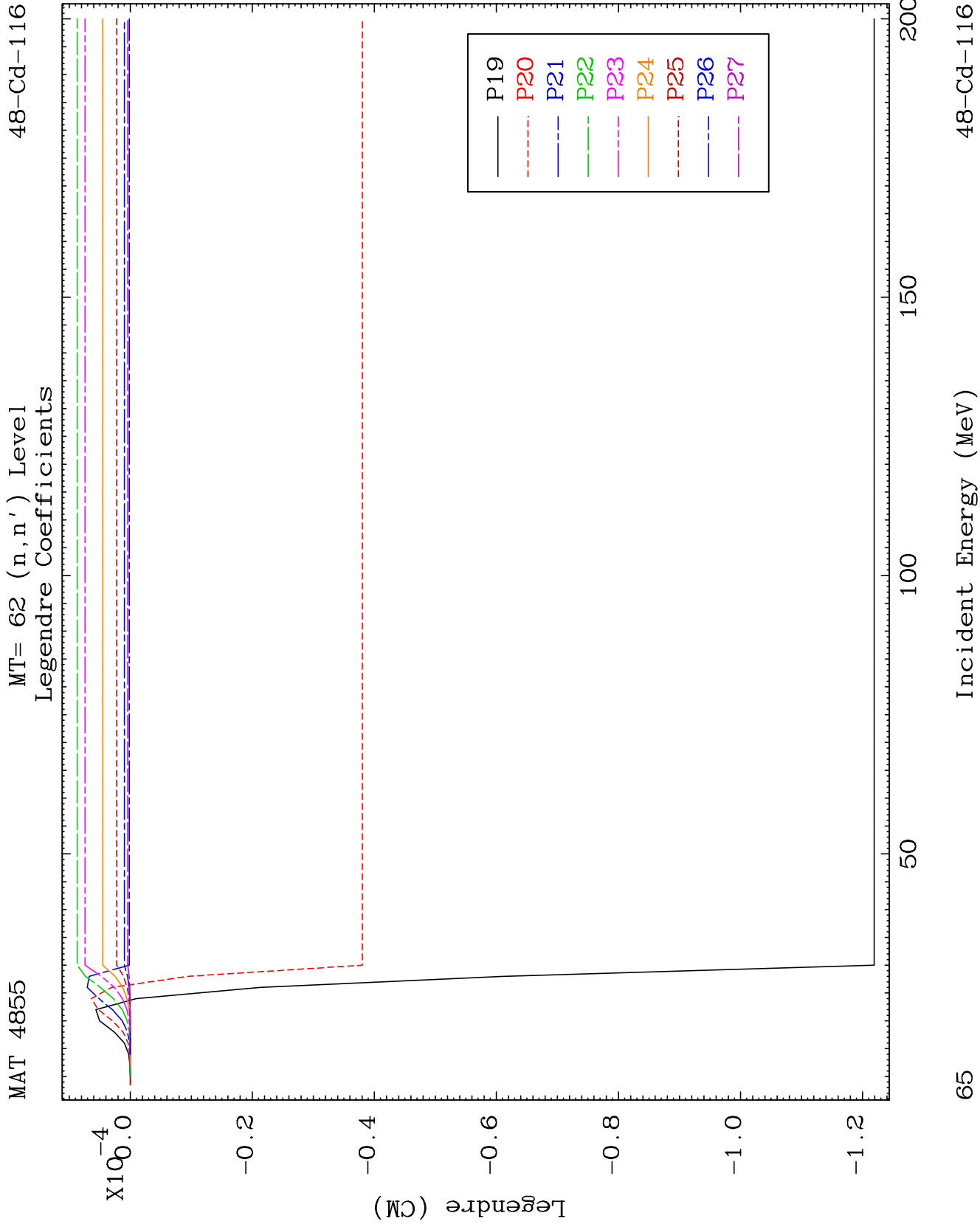


63

Incident Energy (MeV)

48-Cd-116

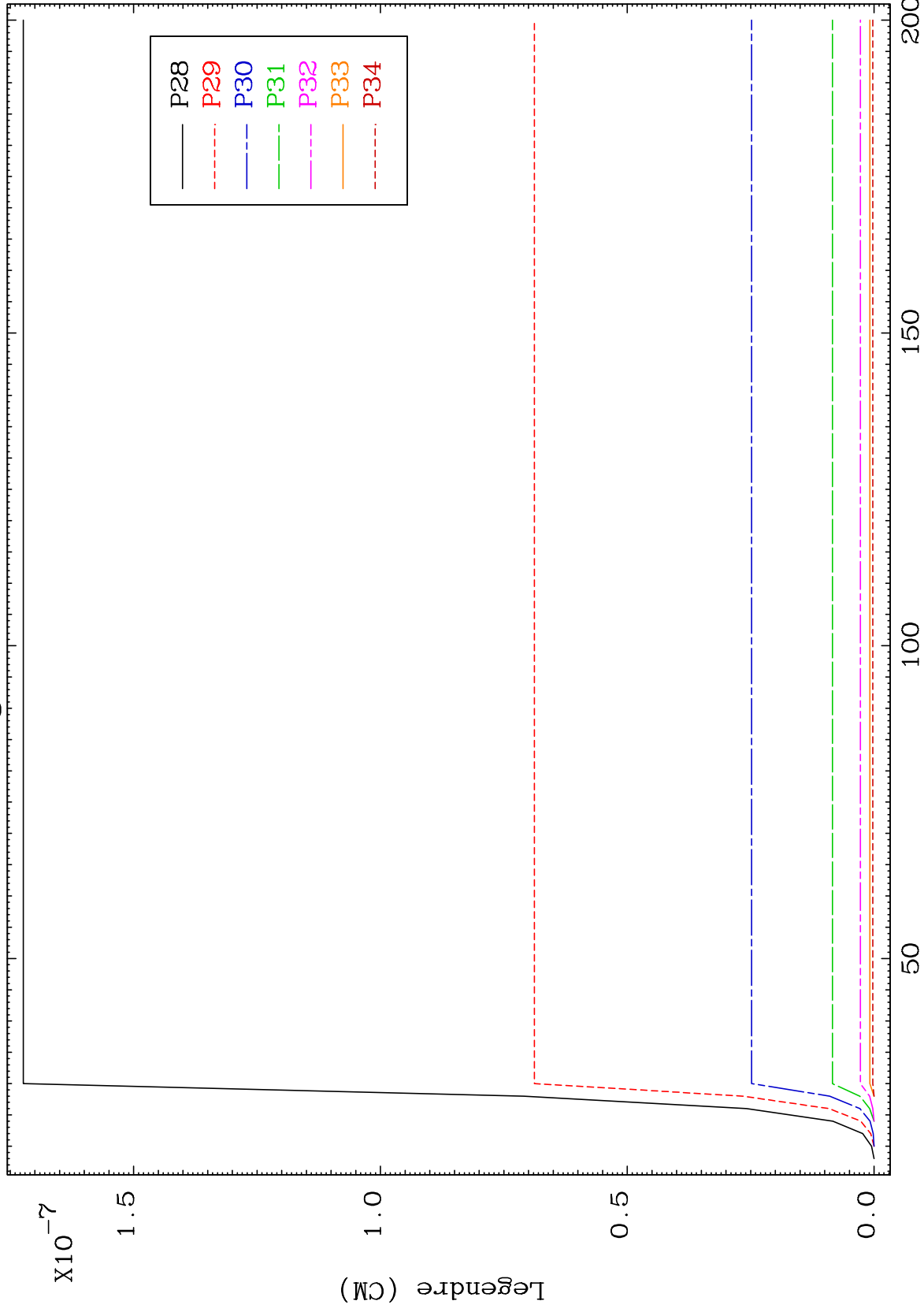




MAT 4855

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

48-Cd-116

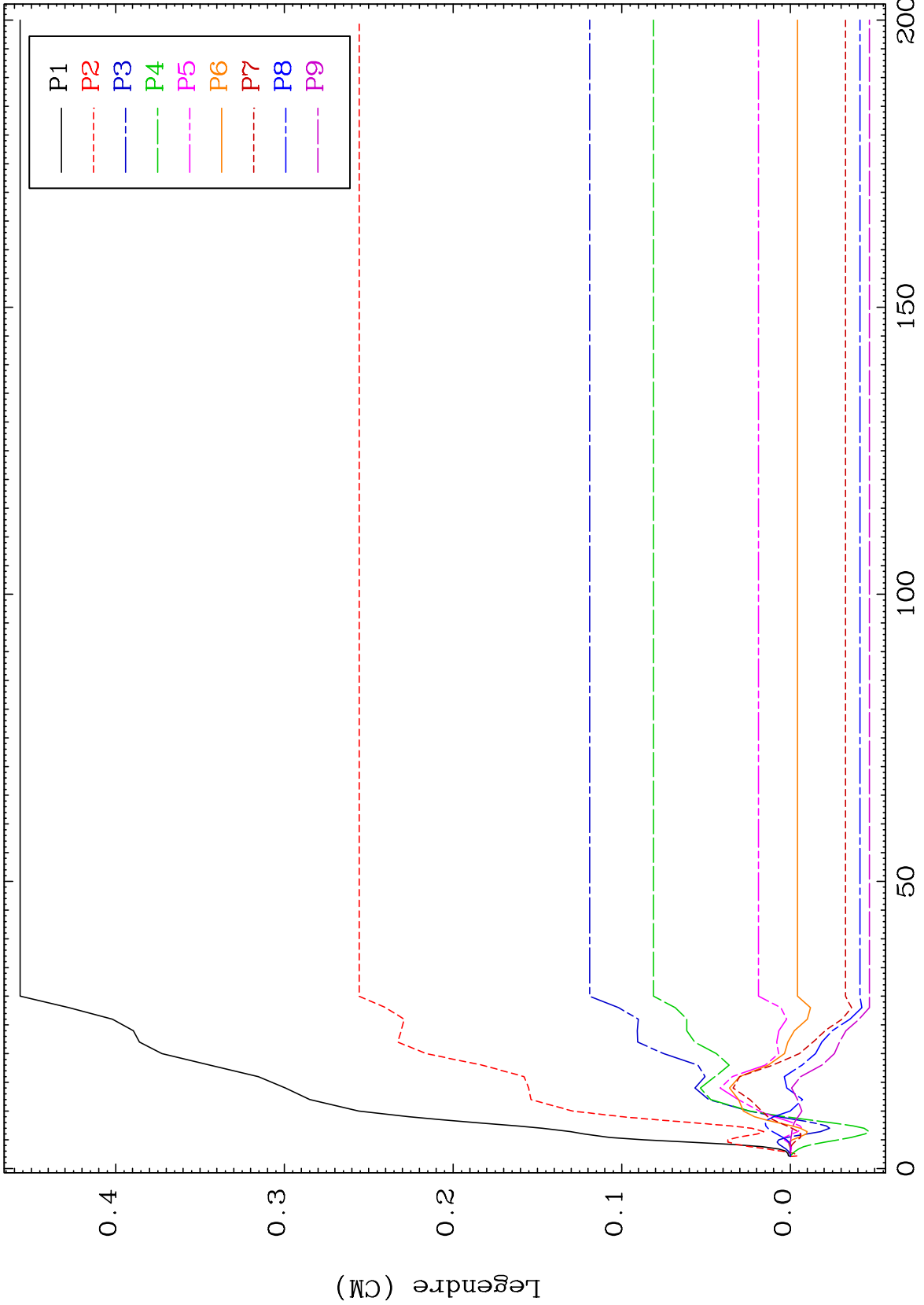


66

Incident Energy (MeV)

48-Cd-116

MAT 4855 MT= 63 (n,n') Level Legendre Coefficients 48-Cd-116

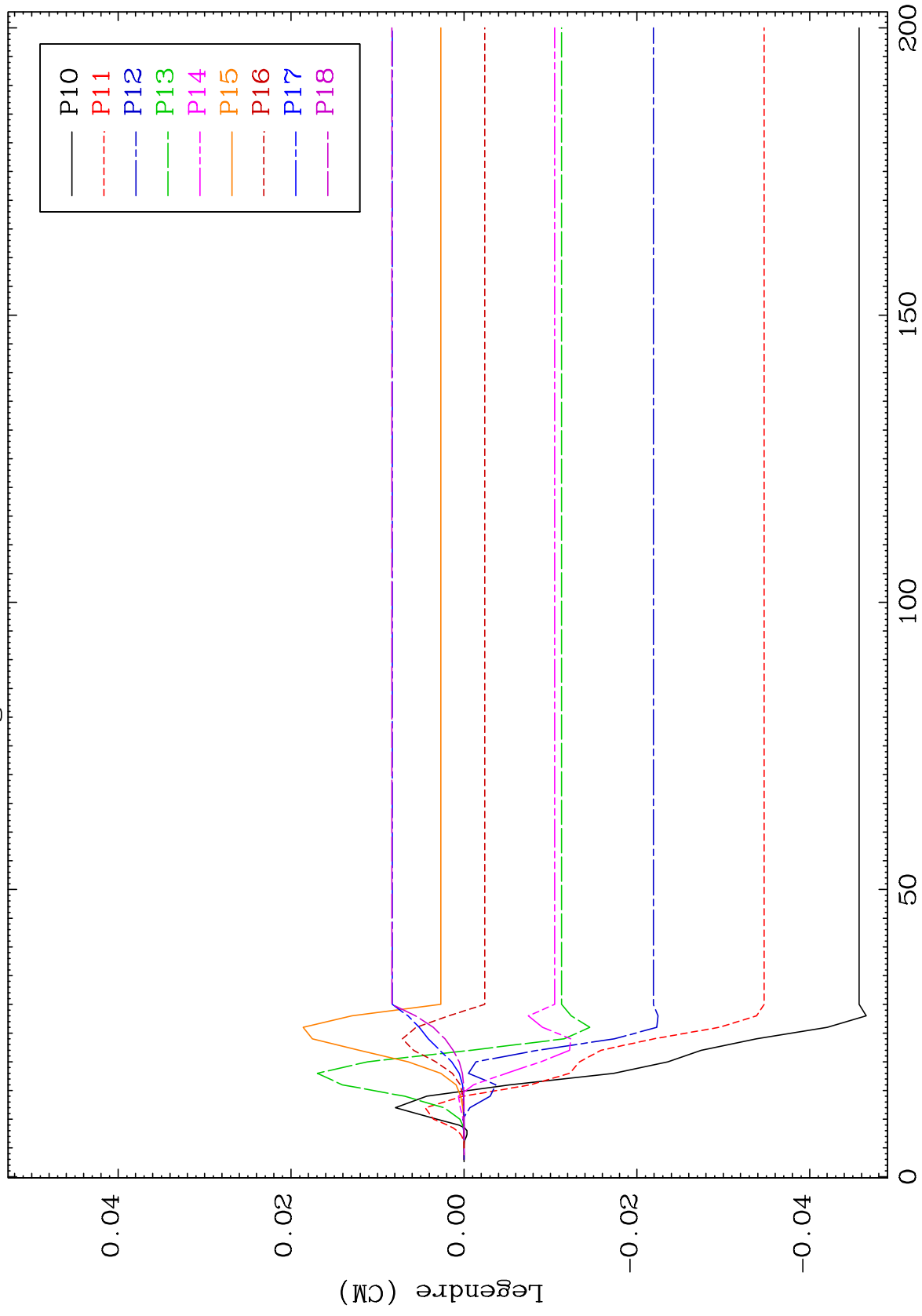


67 48-Cd-116

MAT 4855

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

48-Cd-116



86

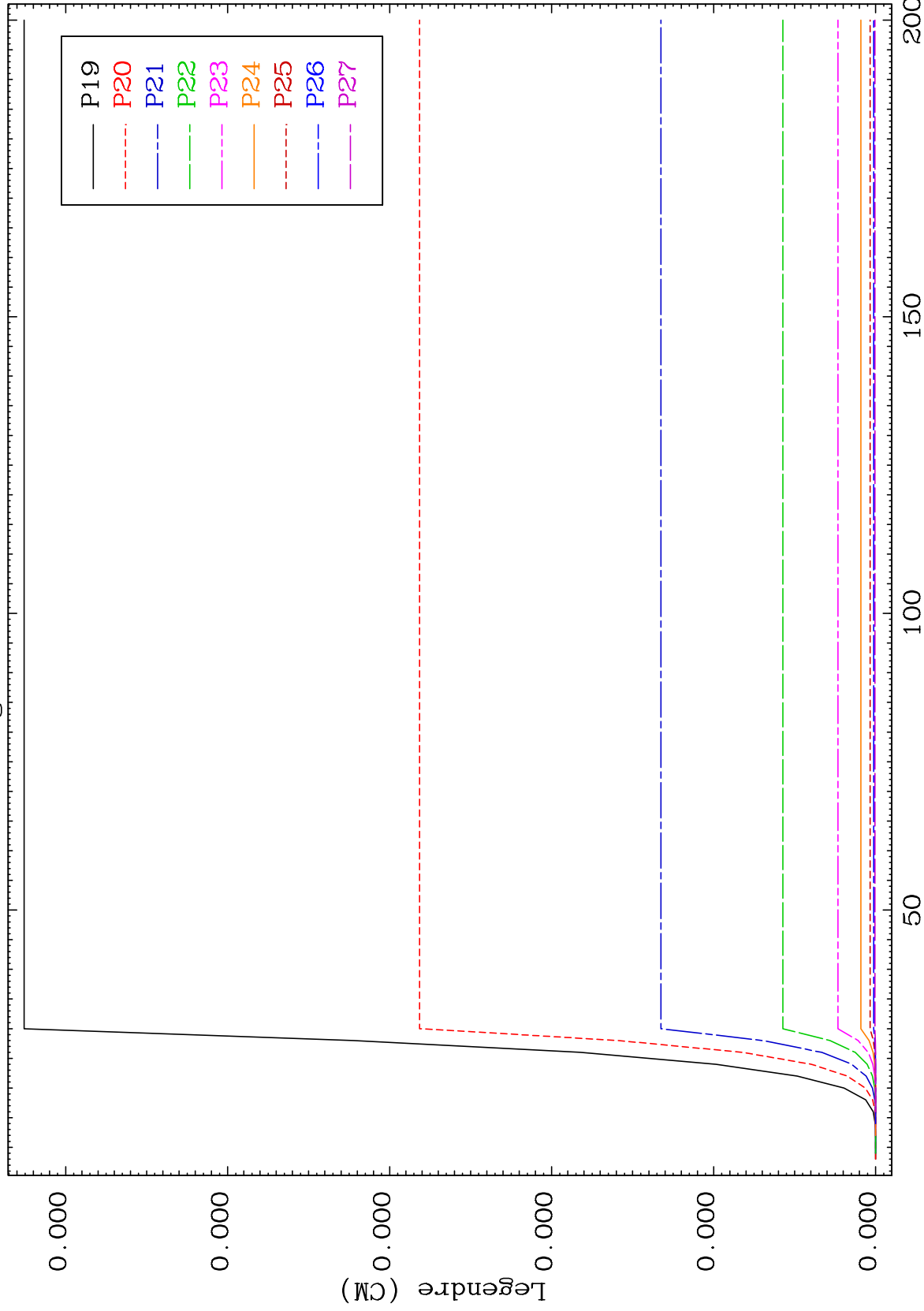
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



69

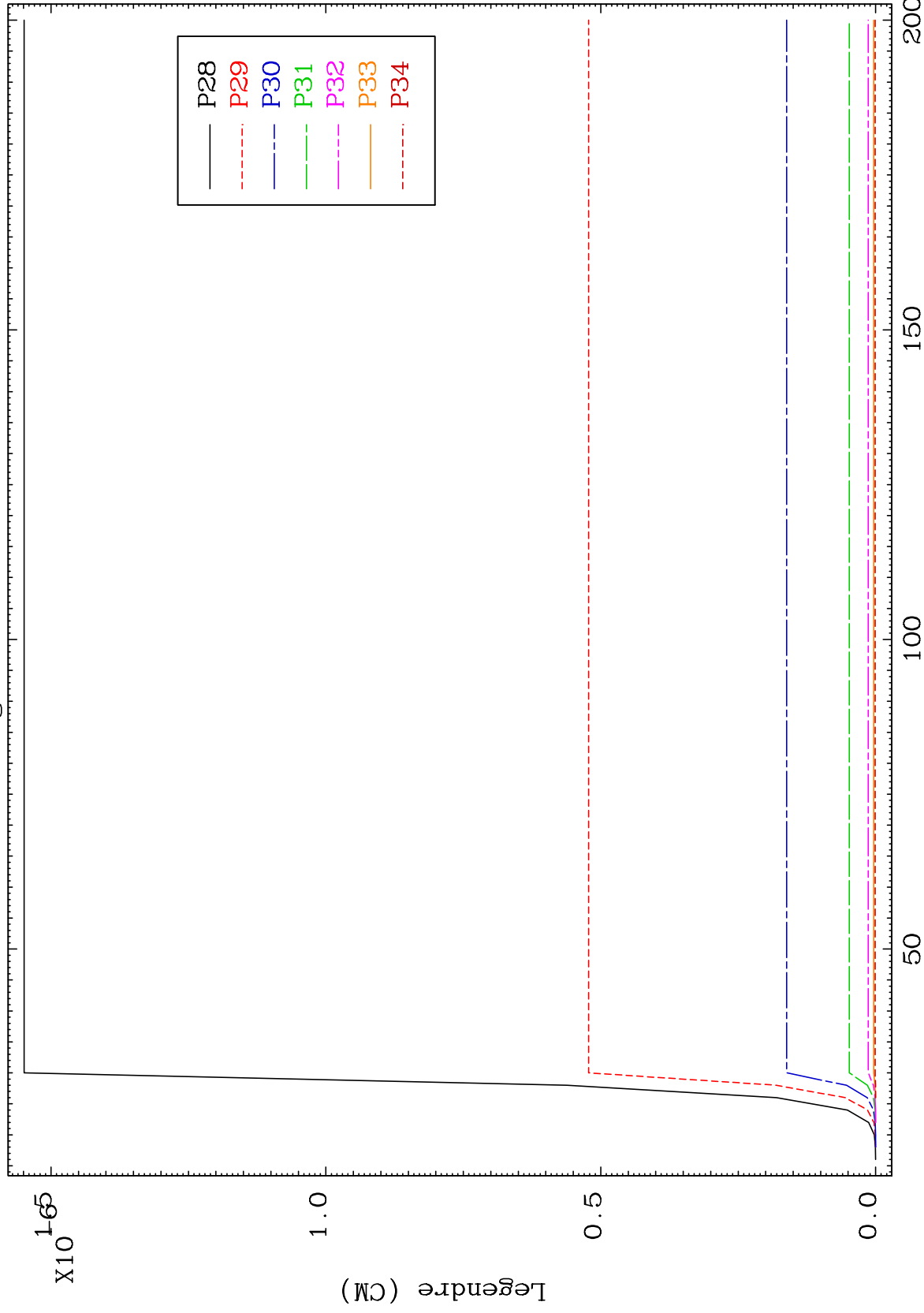
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



70

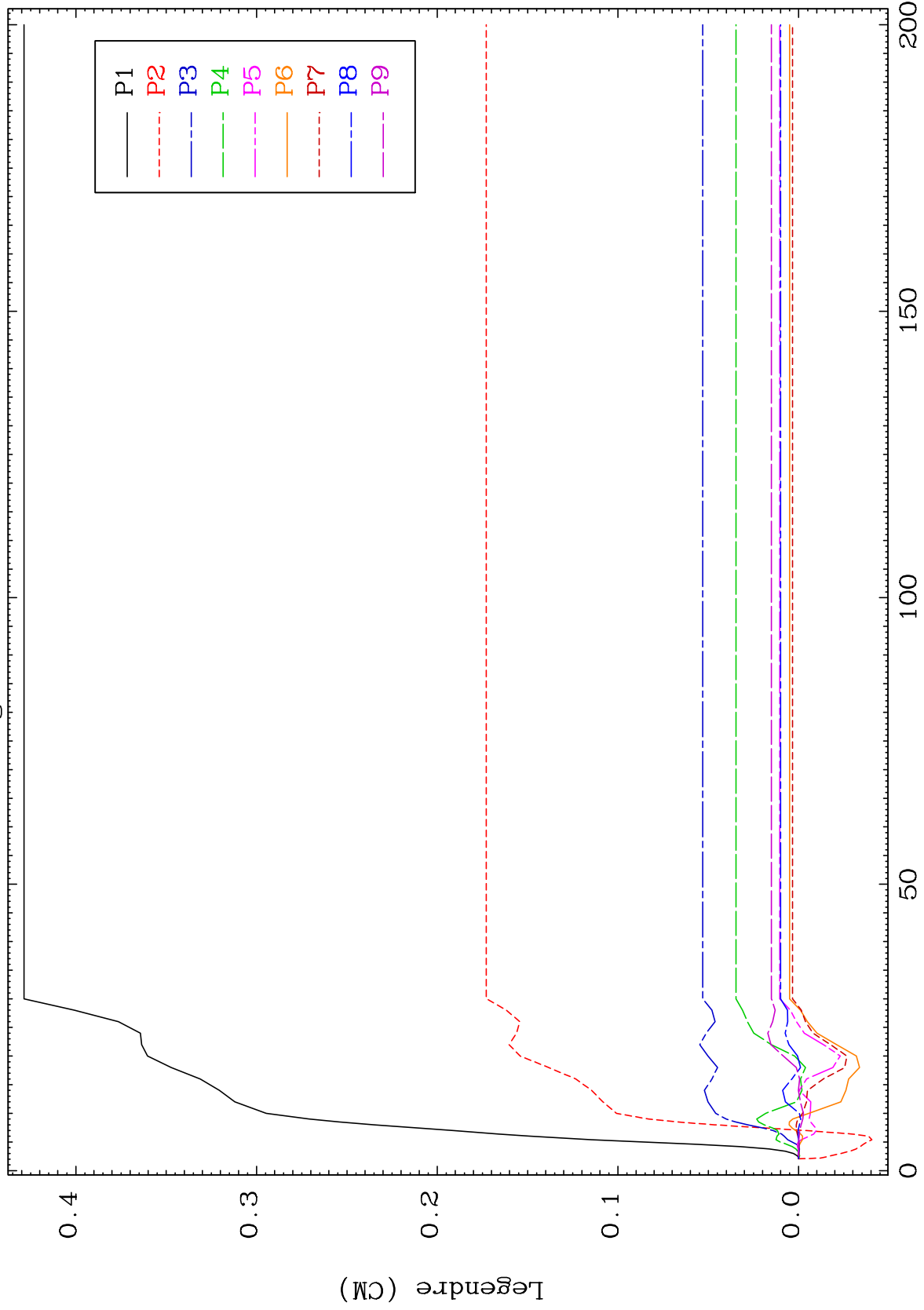
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

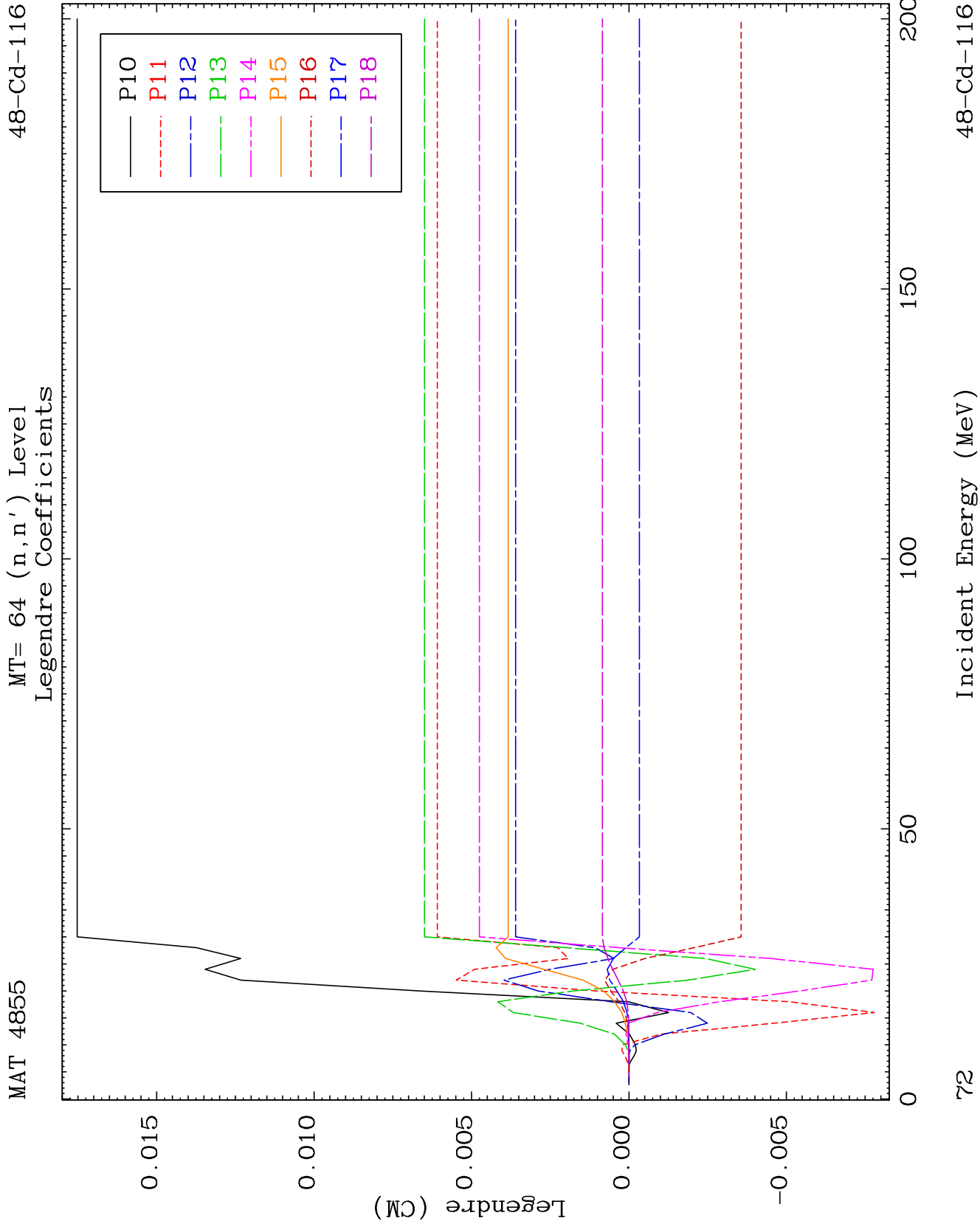
48-Cd-116



71

Incident Energy (MeV)

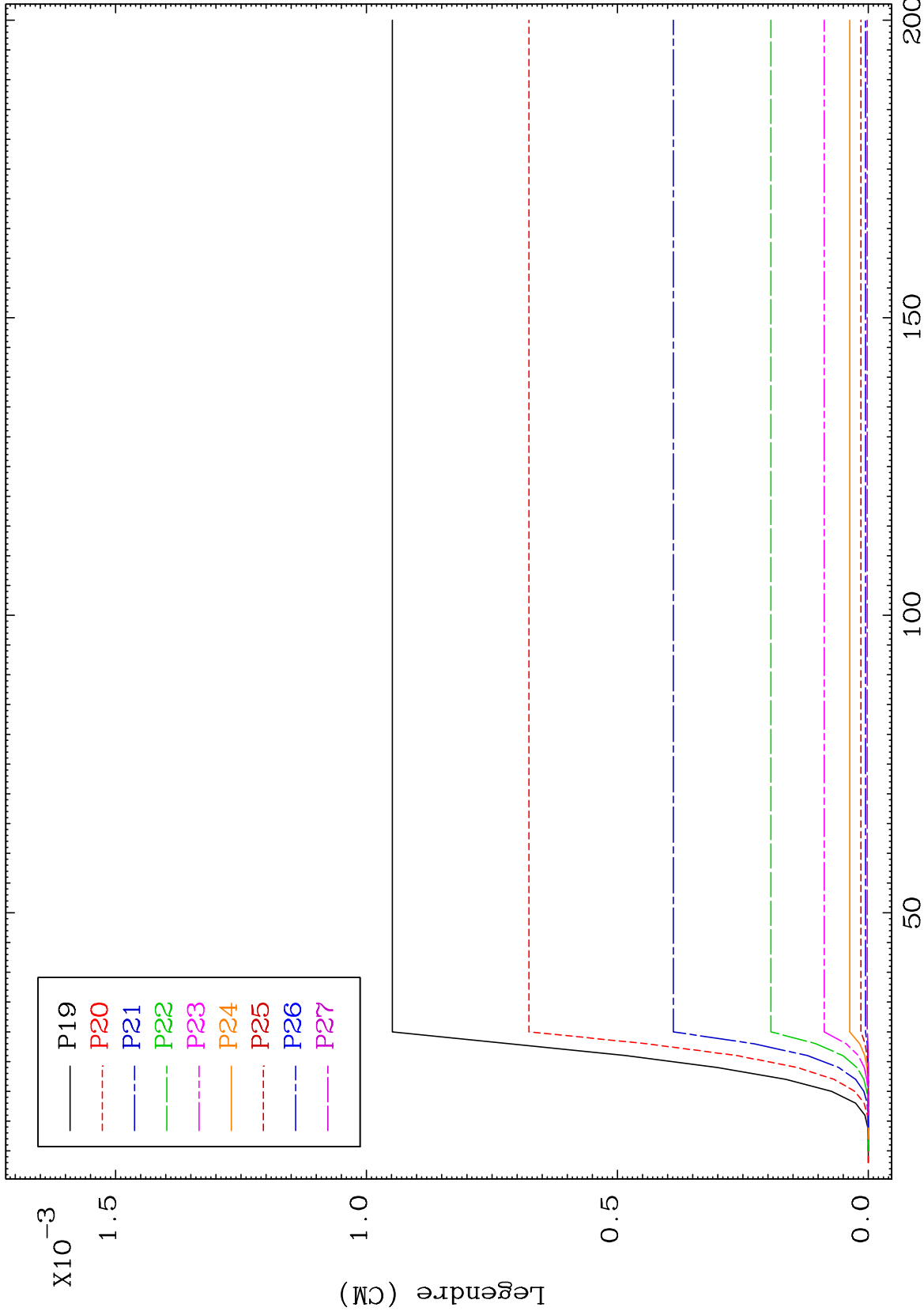
48-Cd-116



MAT 4855

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

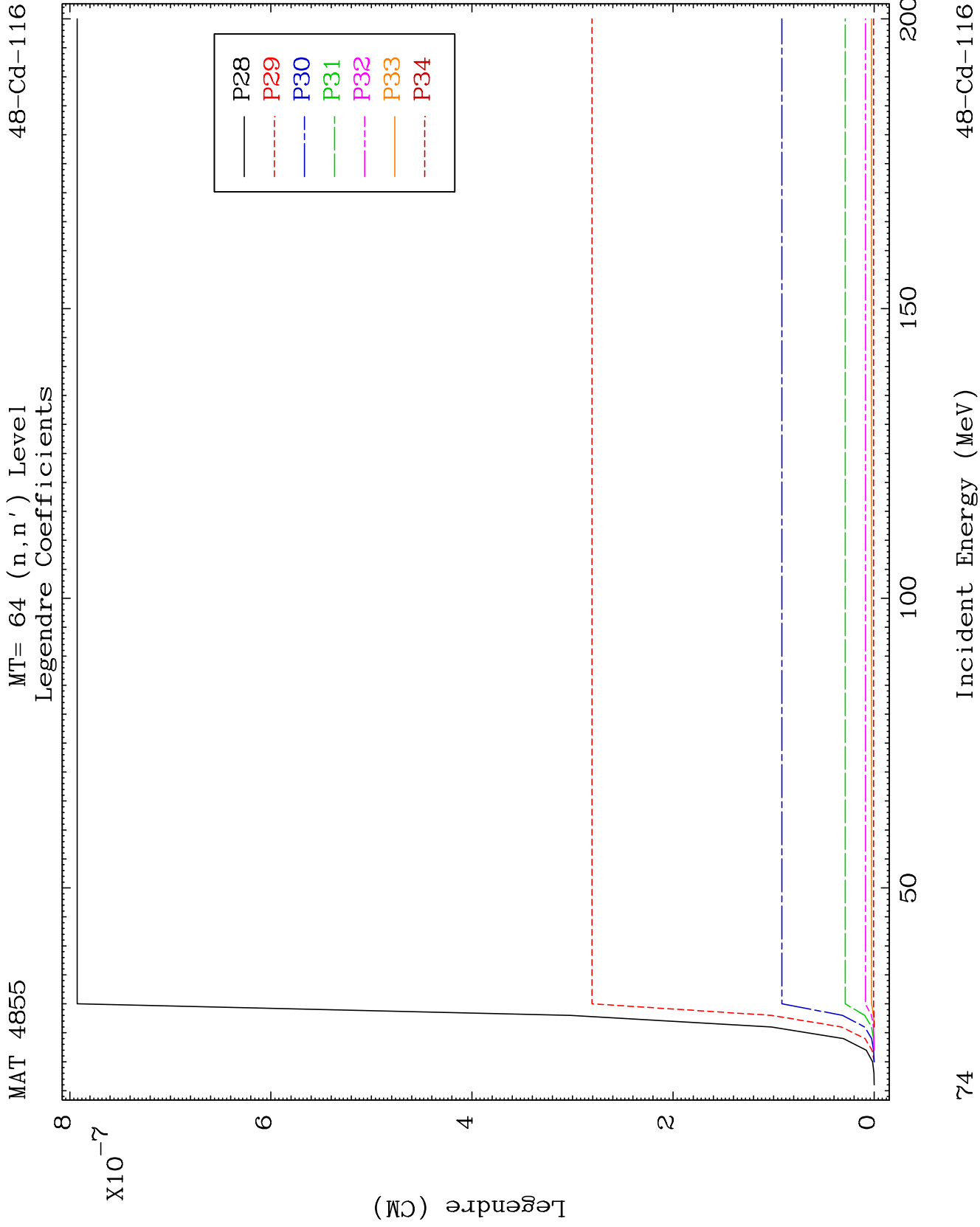
48-Cd-116



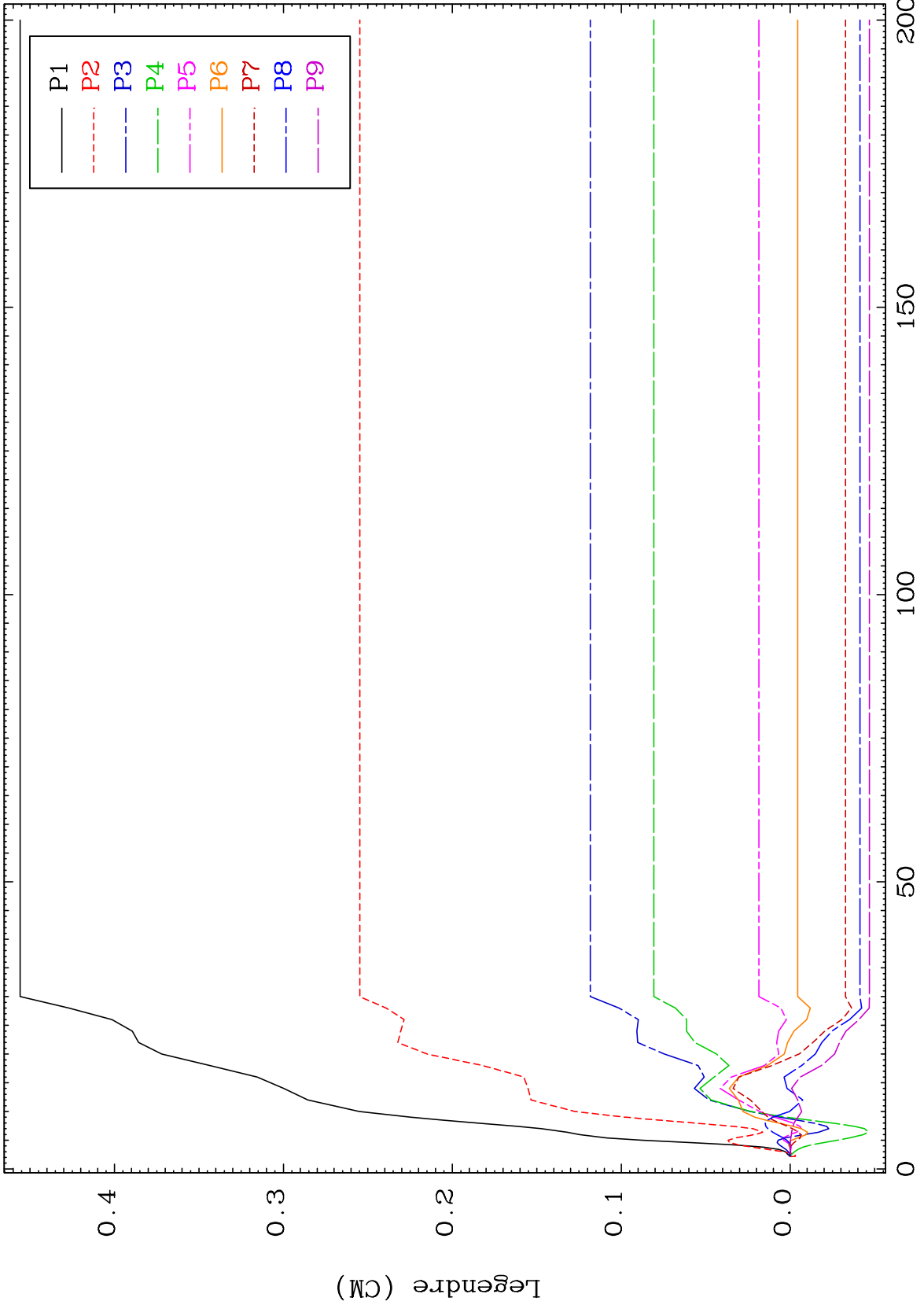
73

Incident Energy (MeV)

48-Cd-116



MAT 4855 MT= 65 (n,n') Level Legendre Coefficients 48-Cd-116

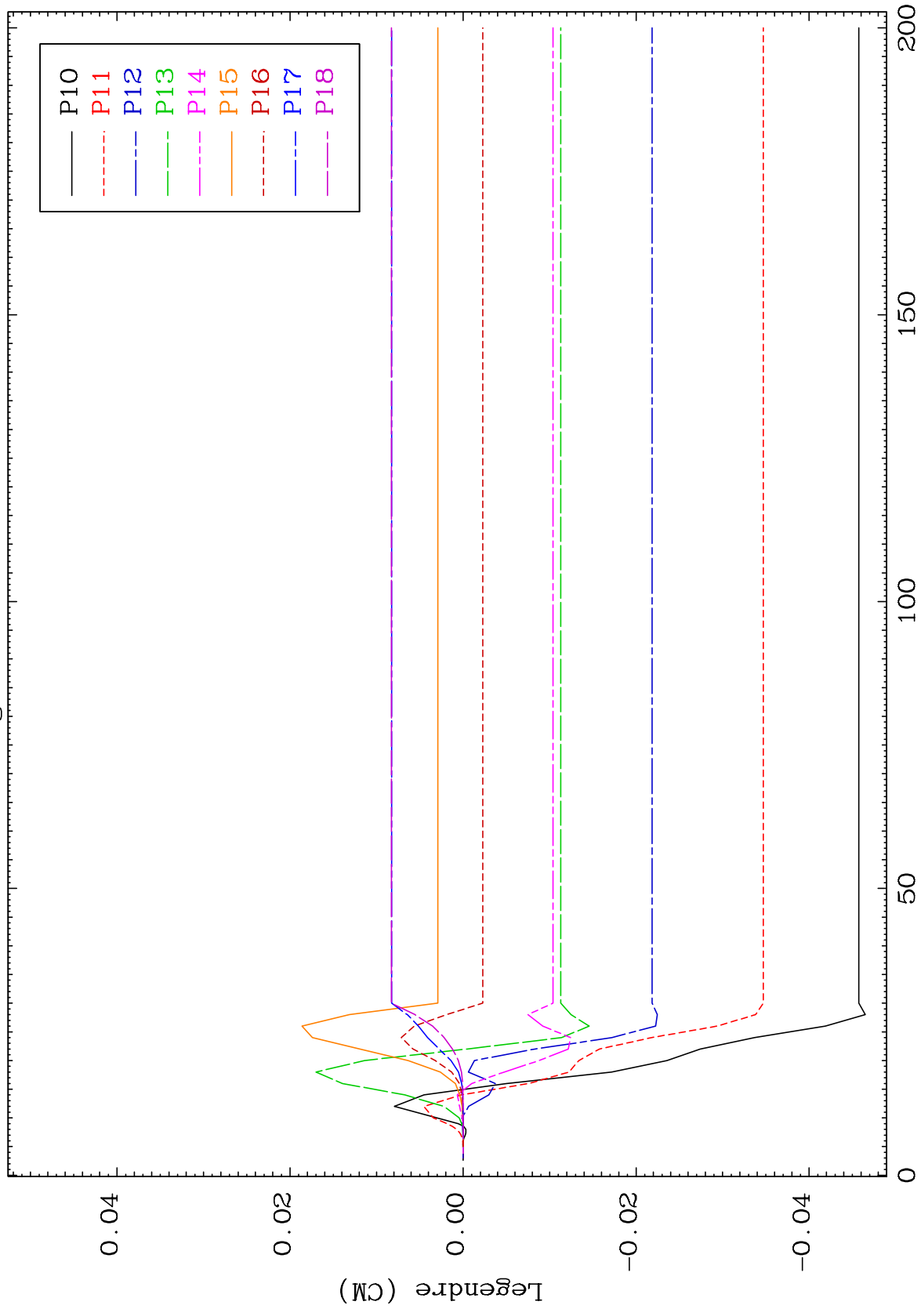


75 Incident Energy (MeV) 48-Cd-116

MAT 4855

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

48-Cd-116



92

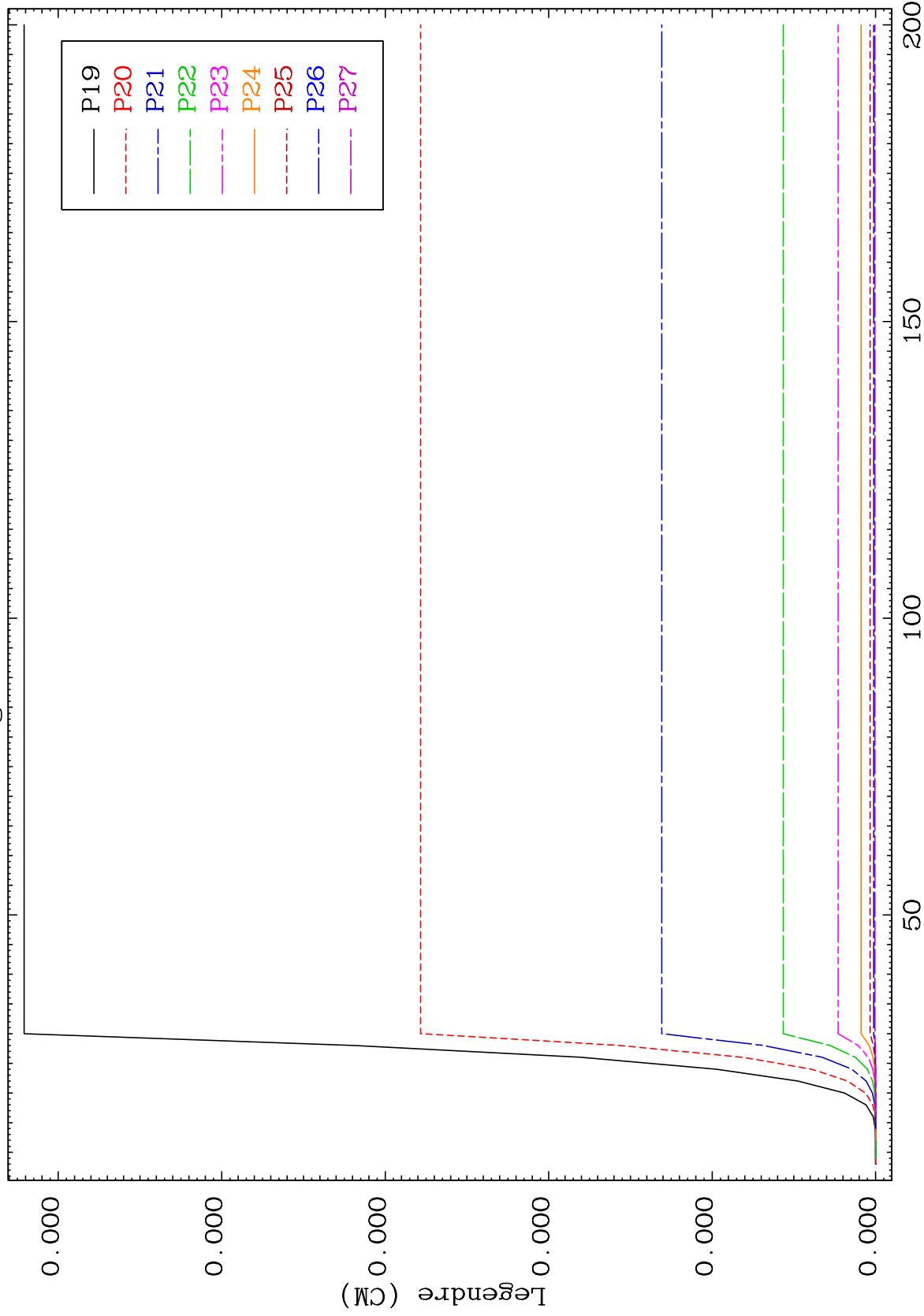
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

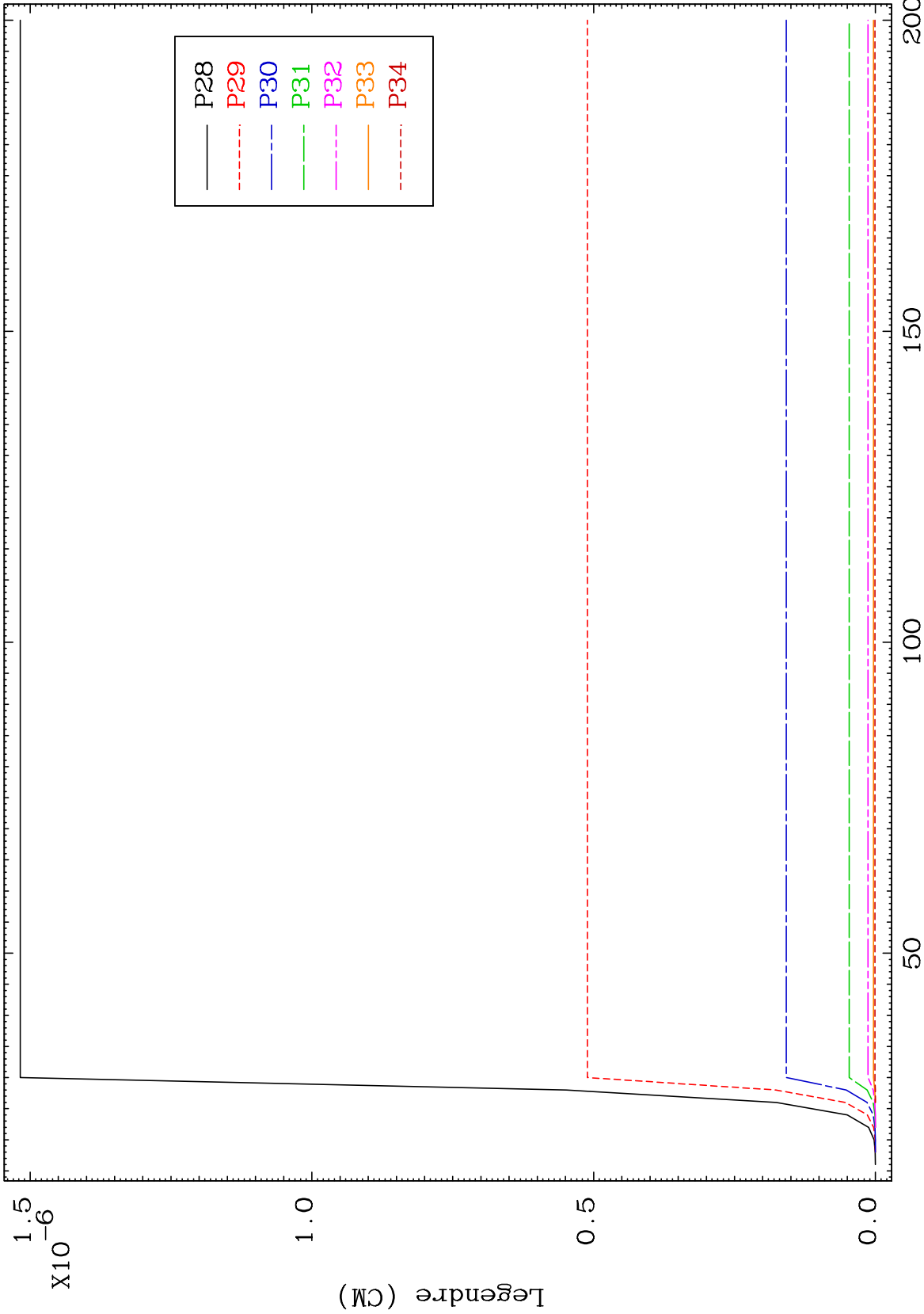
48-Cd-116

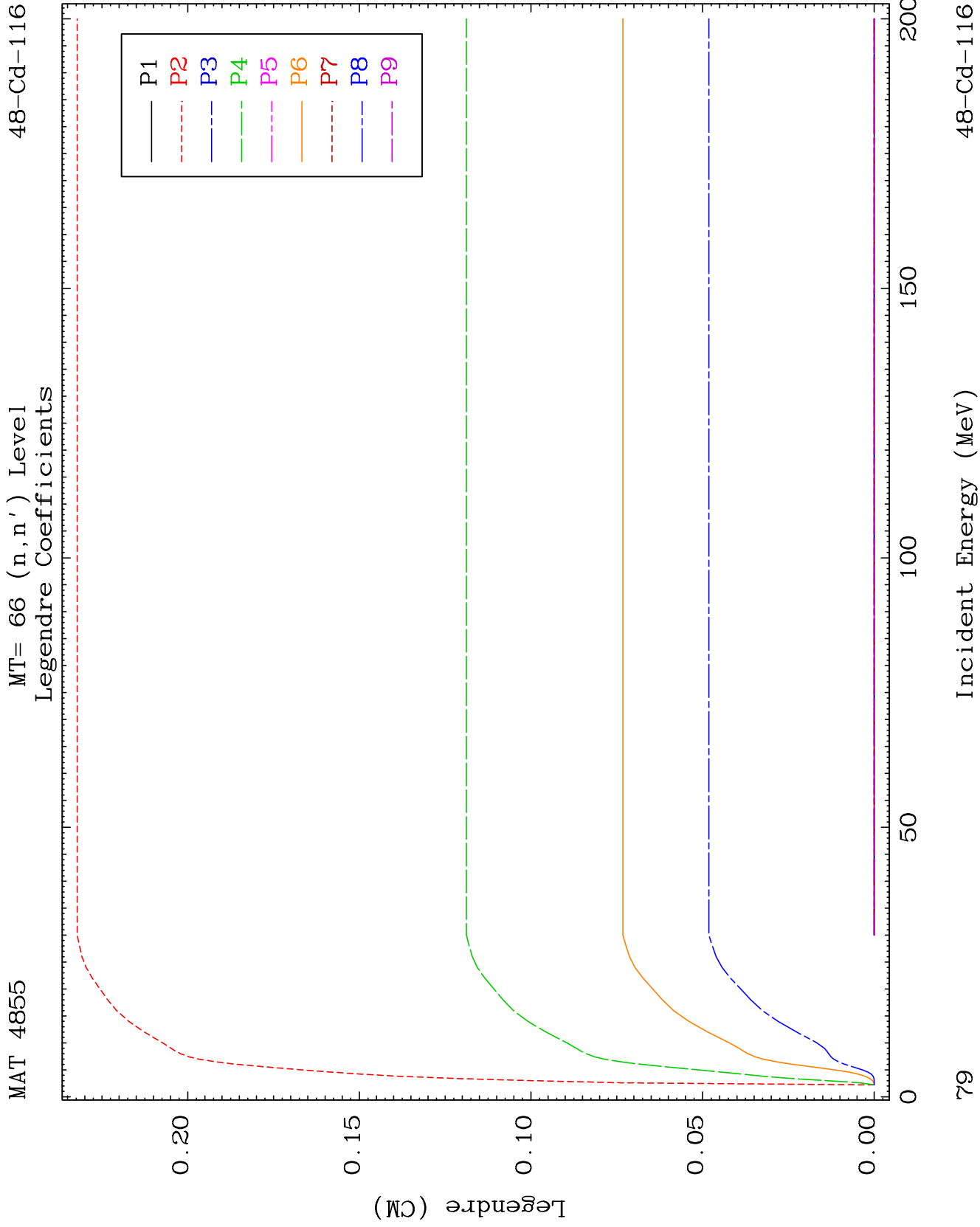


77

Incident Energy (MeV)

48-Cd-116

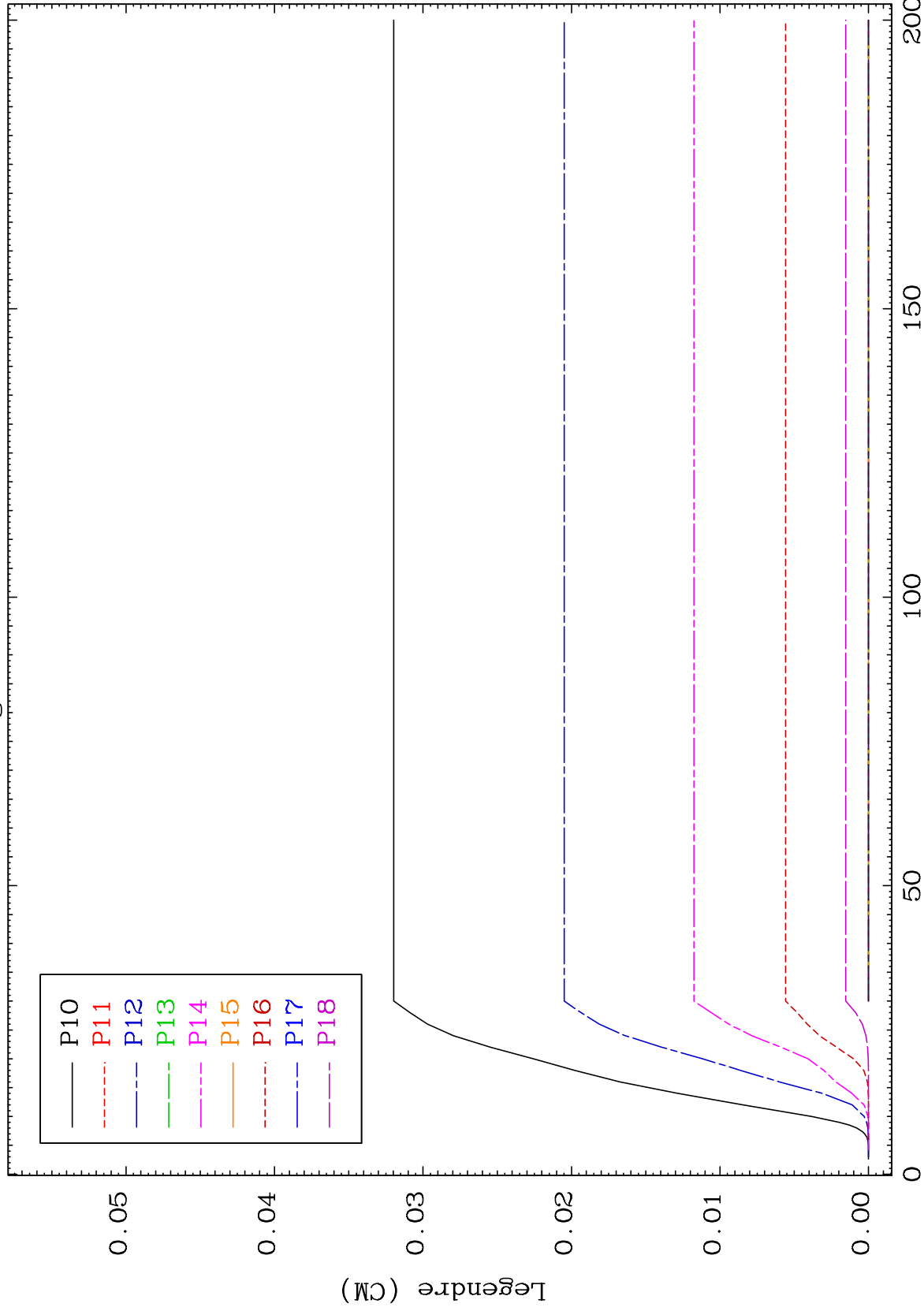




MAT 4855

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

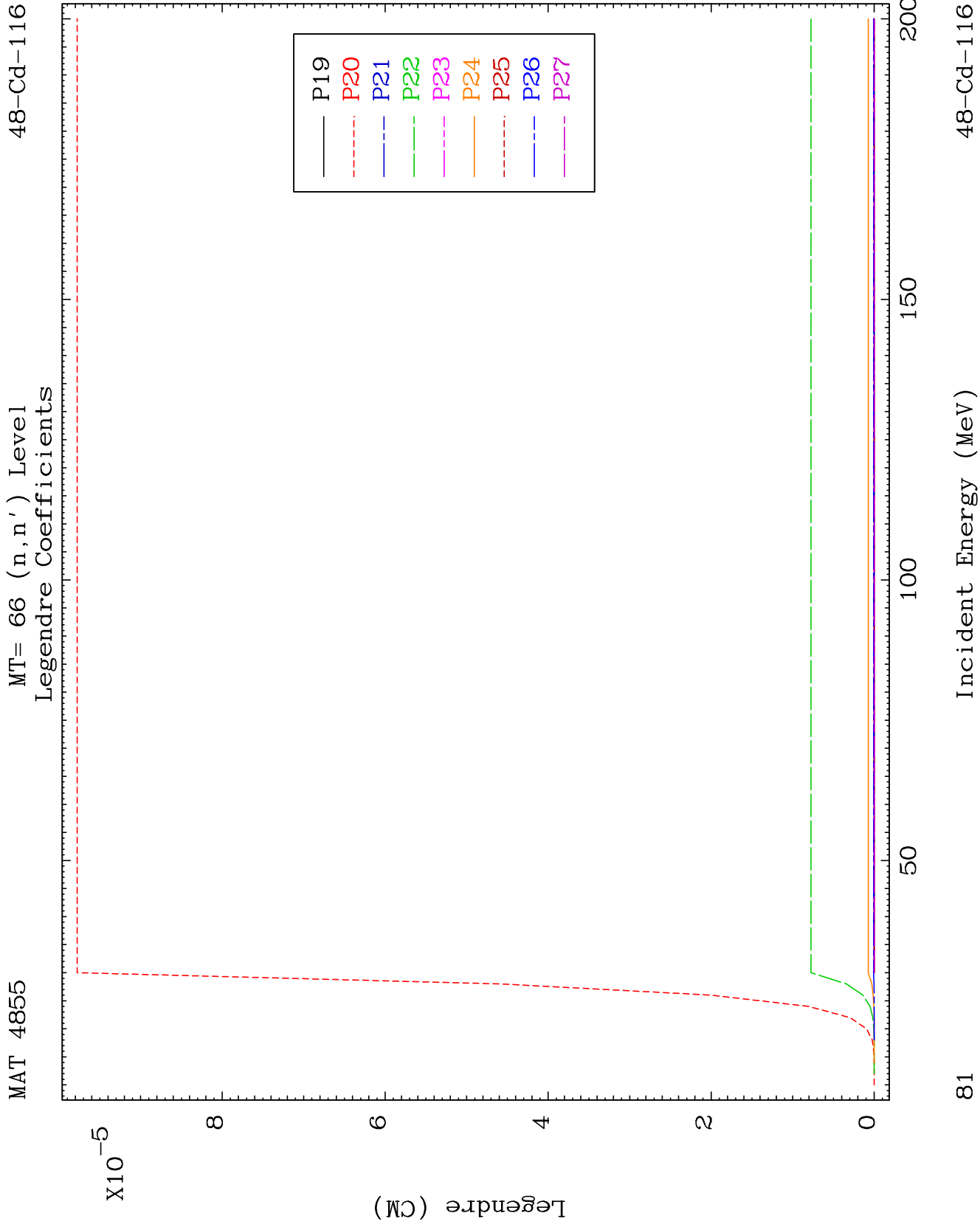
48-Cd-116



80

Incident Energy (MeV)

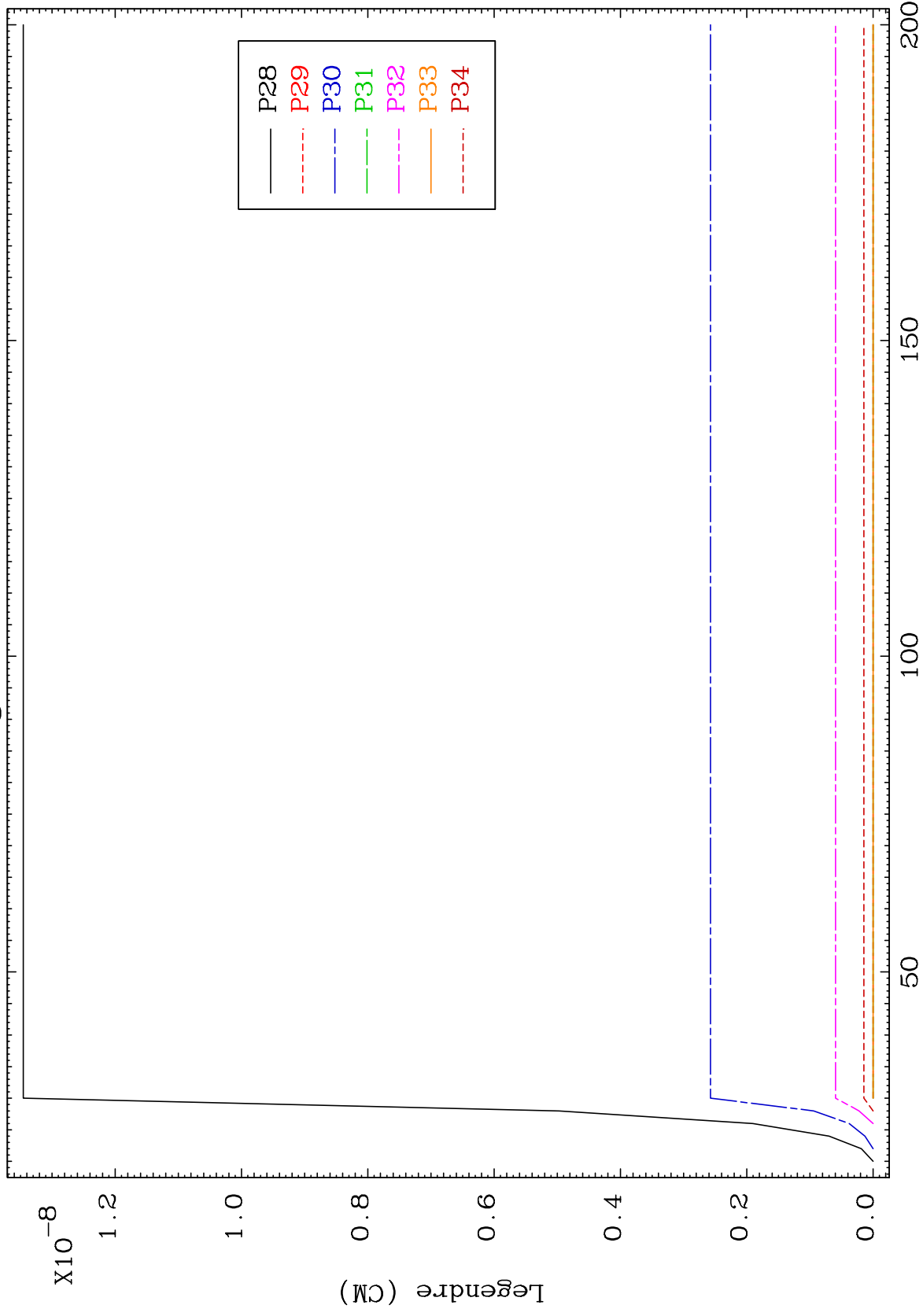
48-Cd-116



MAT 4855

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

48-Cd-116



82

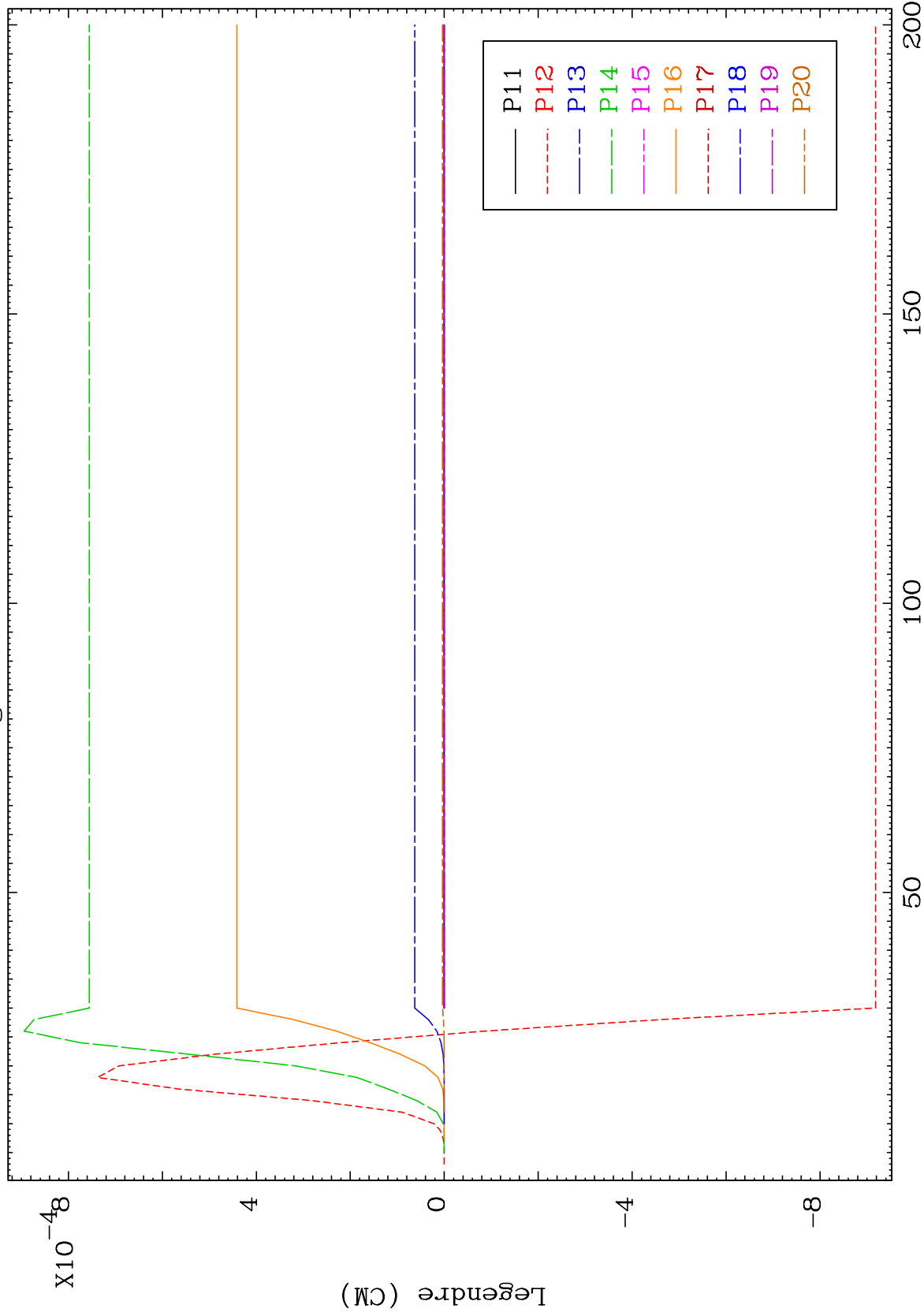
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

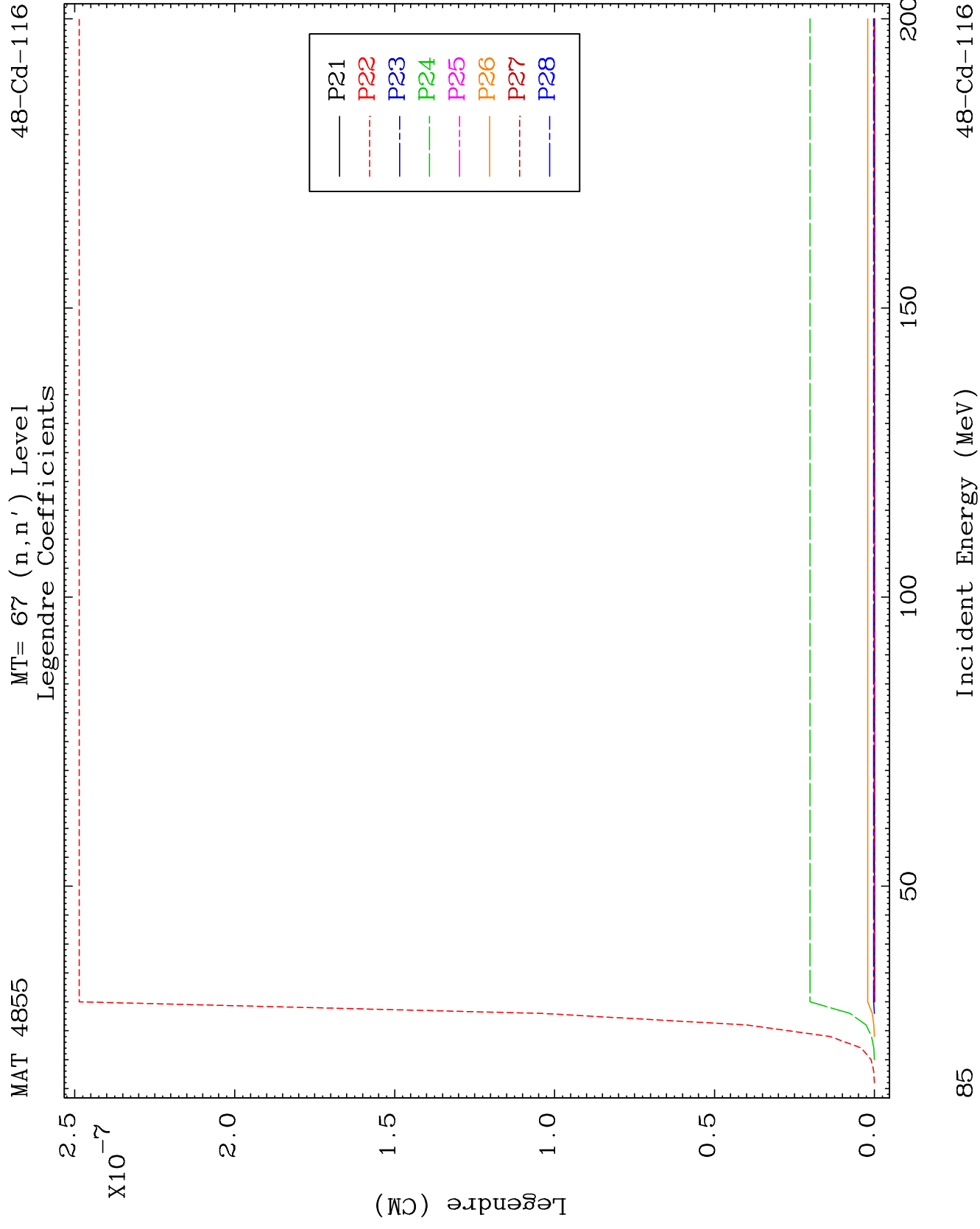
48-Cd-116

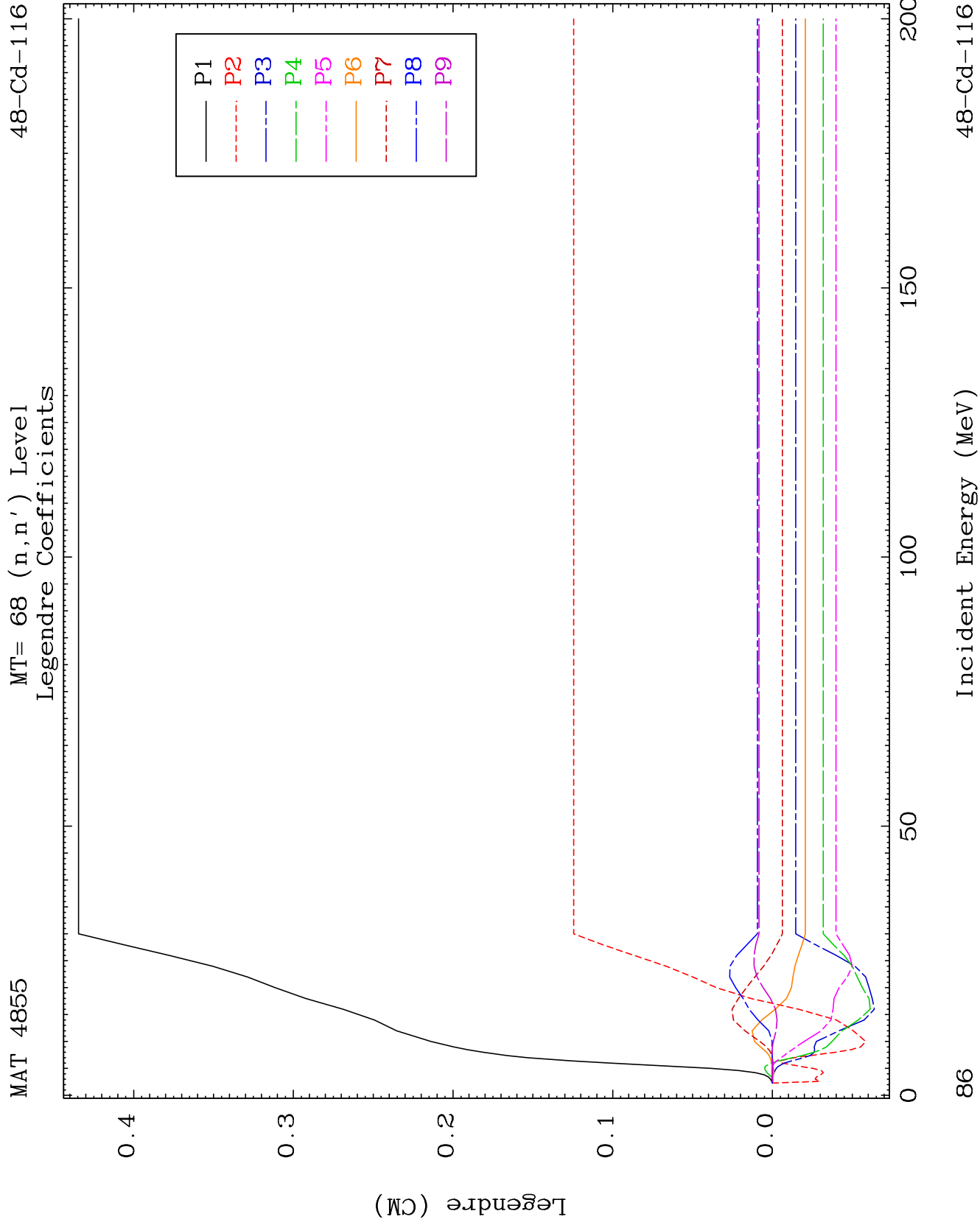


84

Incident Energy (MeV)

48-Cd-116

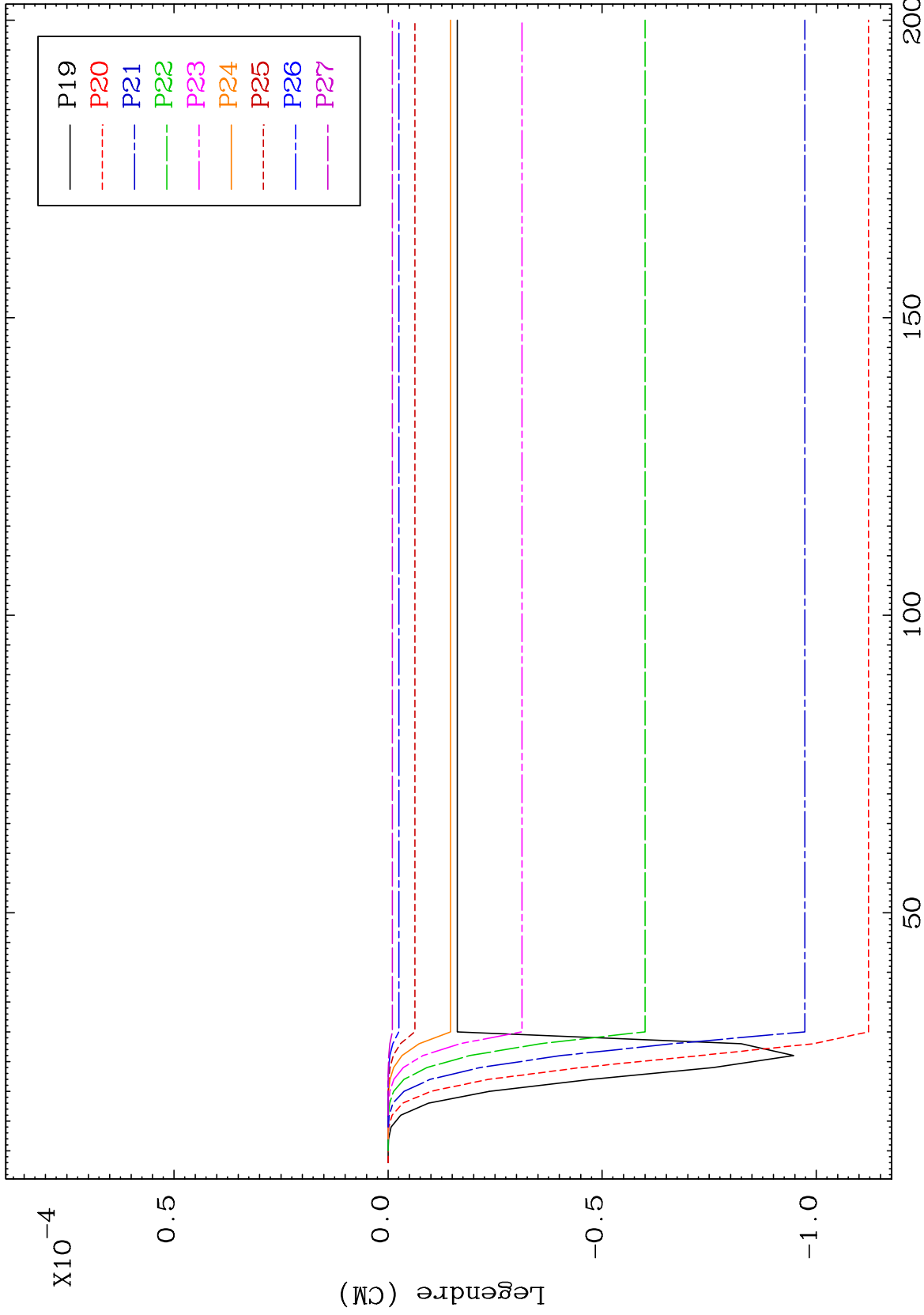




MAT 4855

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

48-Cd-116



88

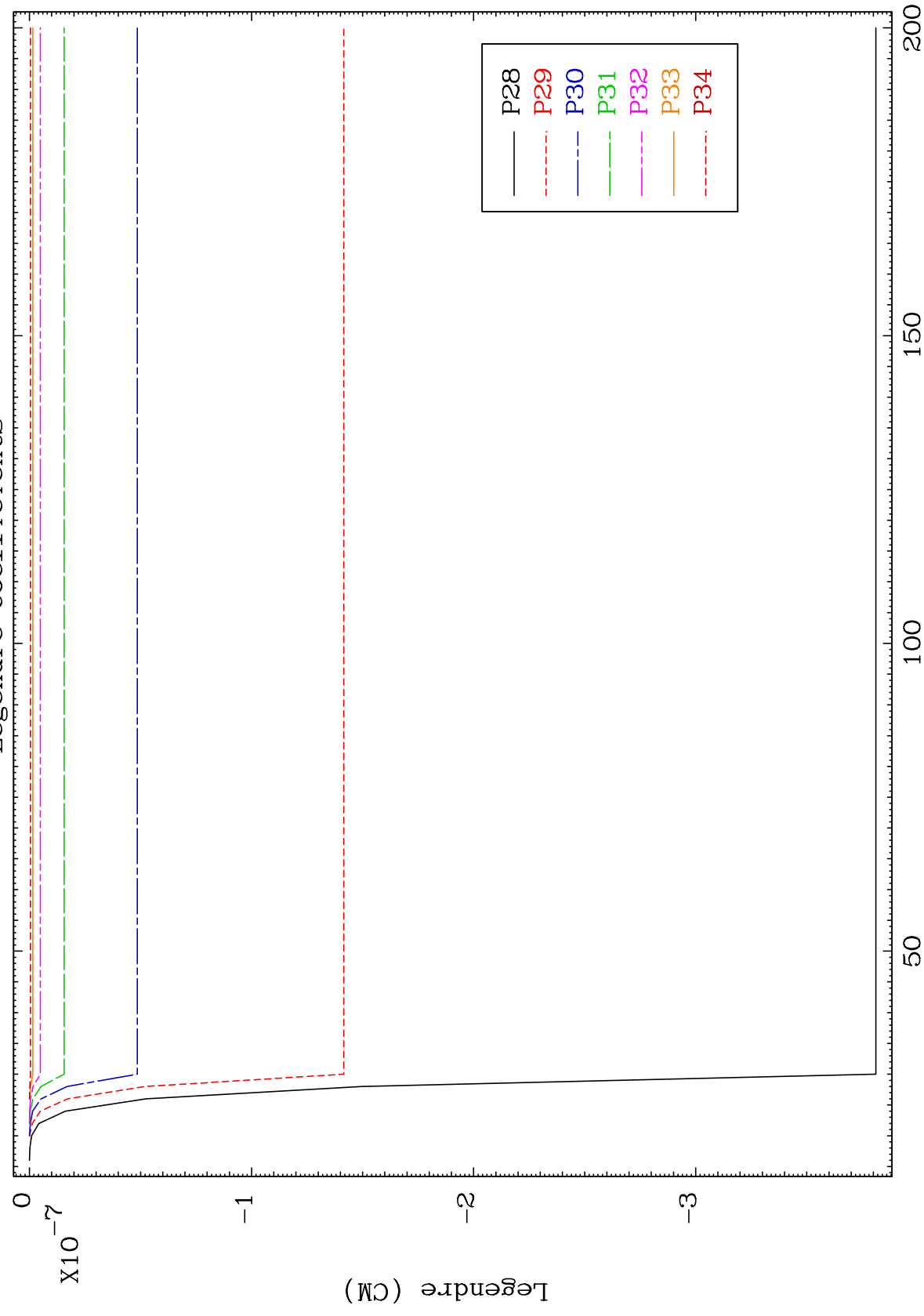
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



98

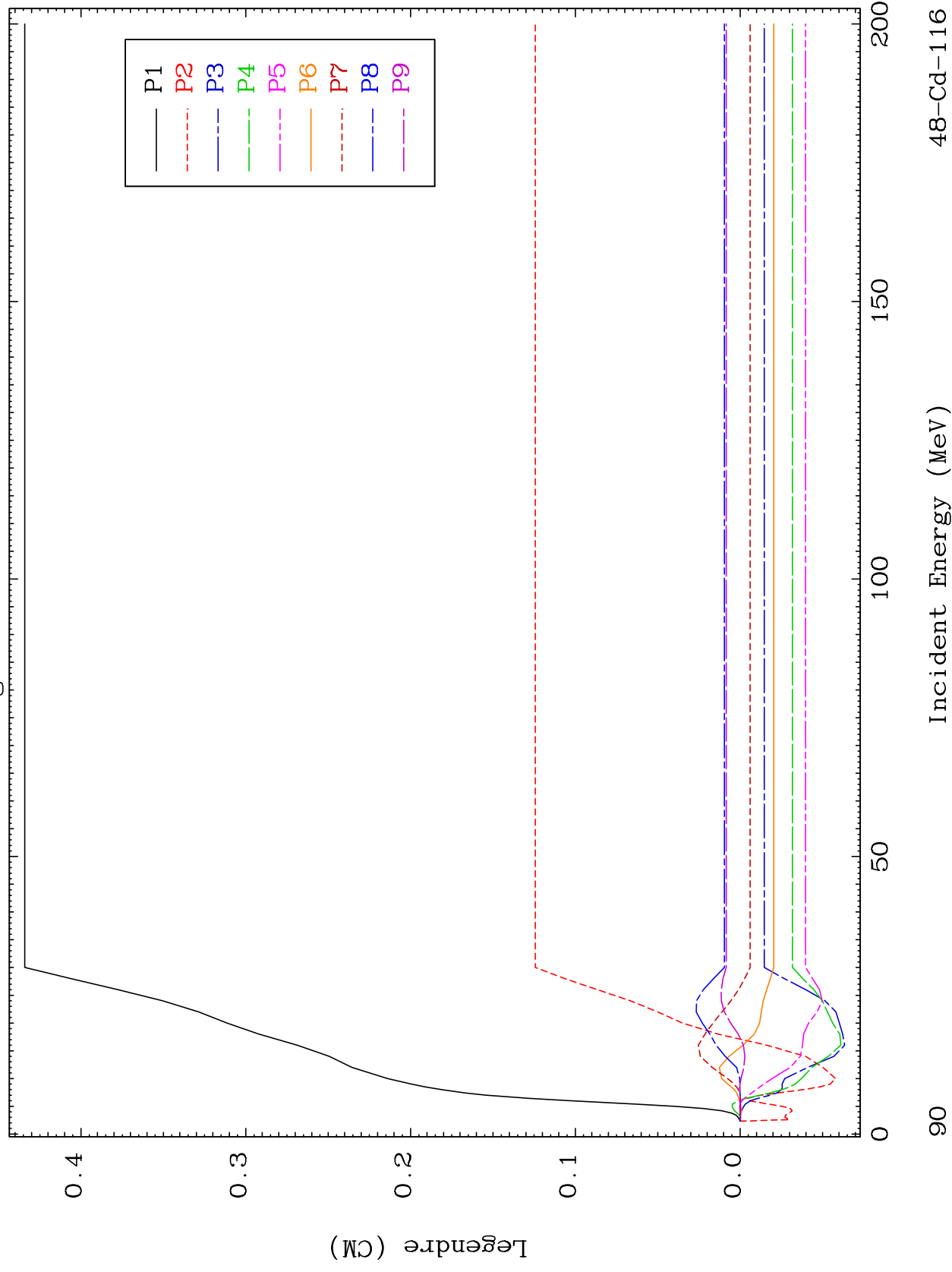
Incident Energy (MeV)

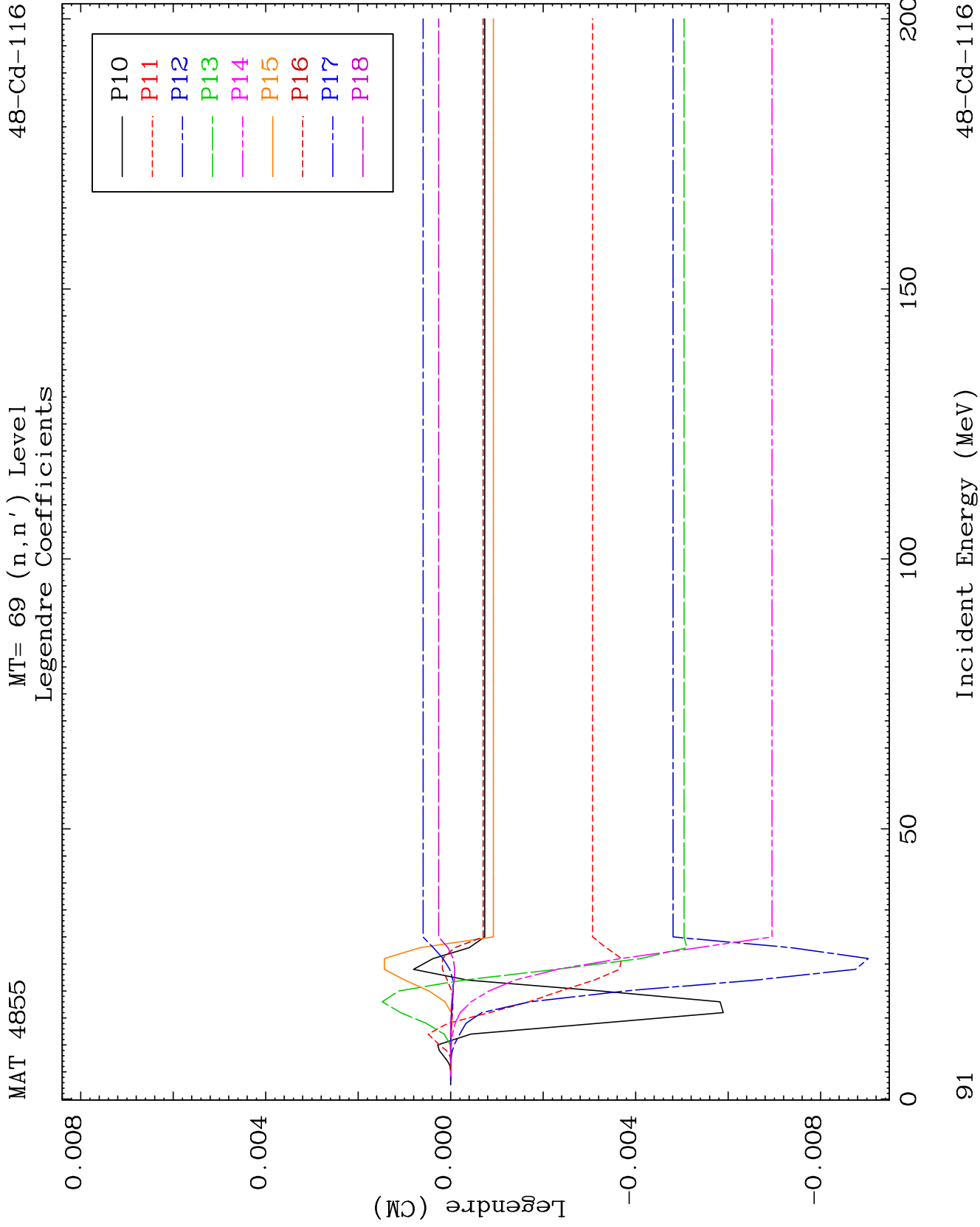
48-Cd-116

MAT 4855

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

48-Cd-116

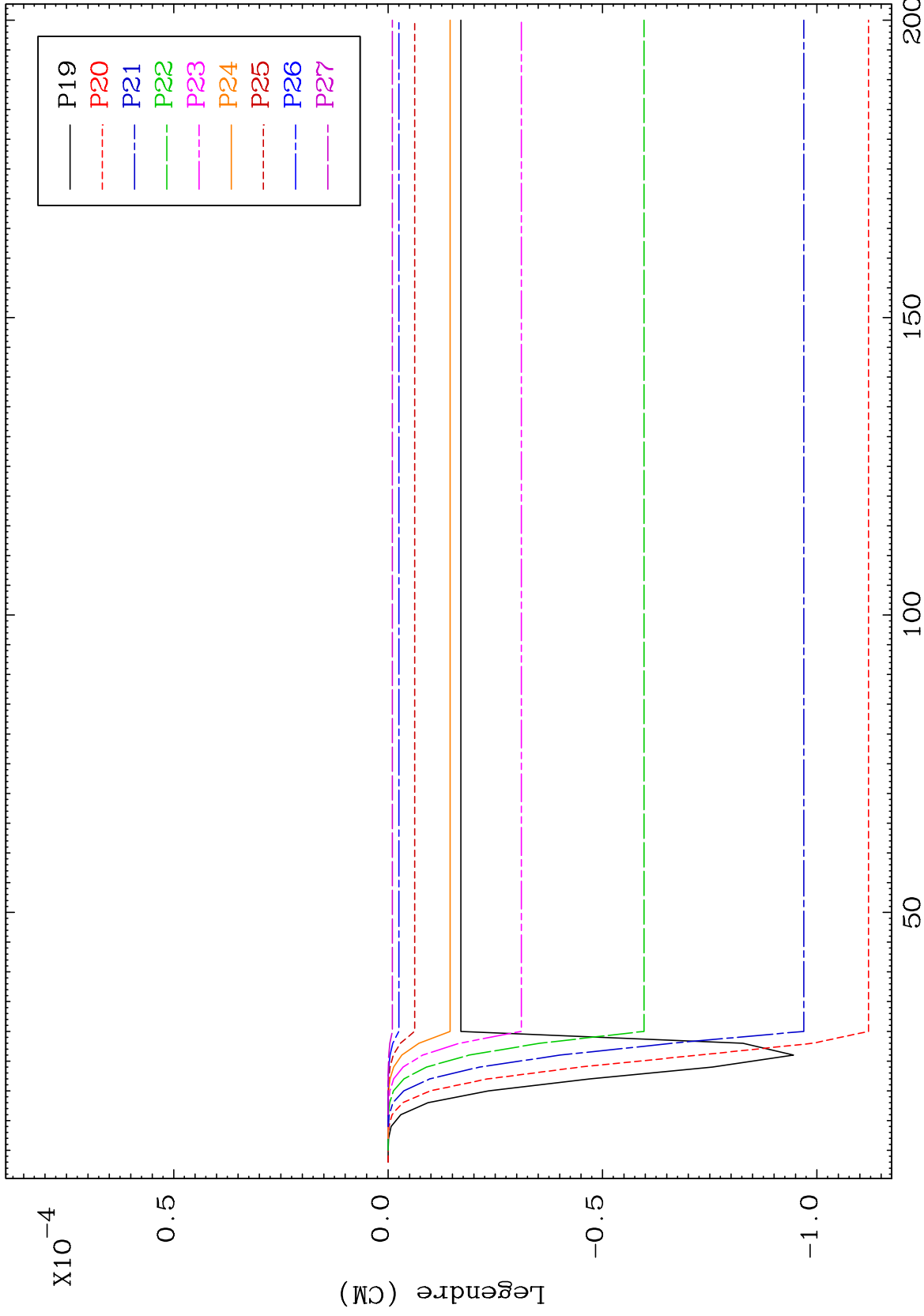




MAT 4855

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

48-Cd-116



92

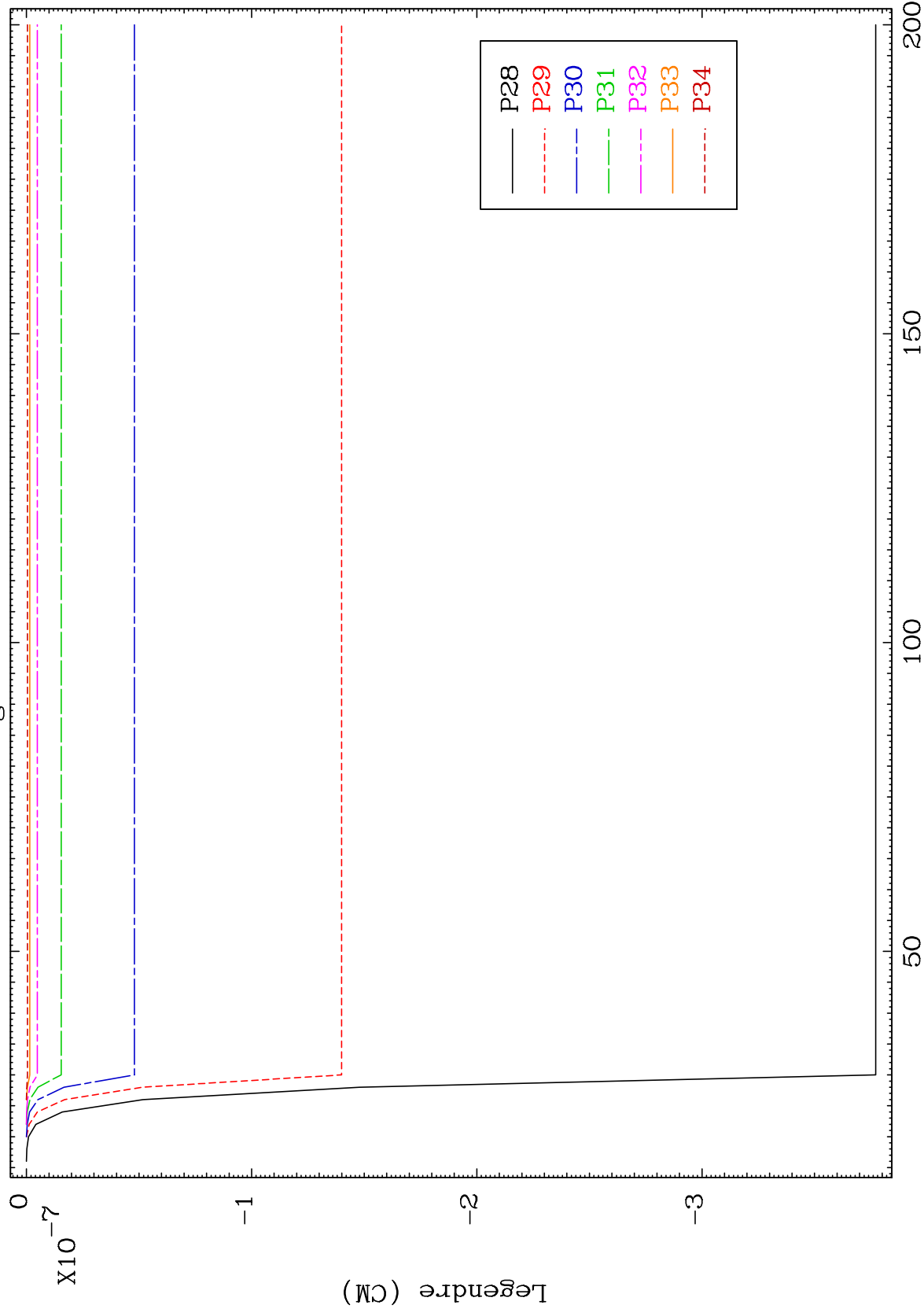
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

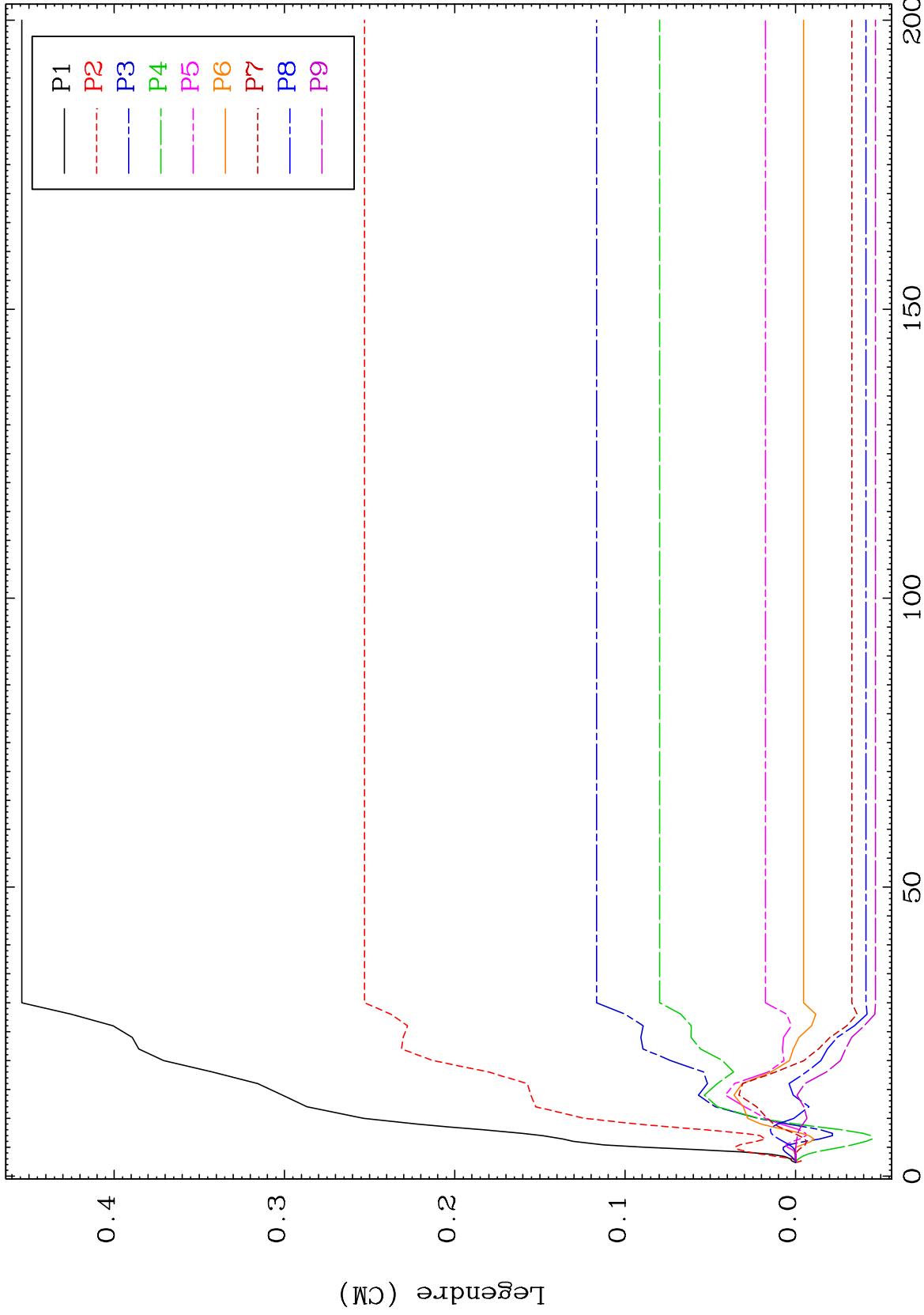


39

Incident Energy (MeV)

48-Cd-116

MAT 4855 MT= 70 (n,n') Level Legendre Coefficients 48-Cd-116

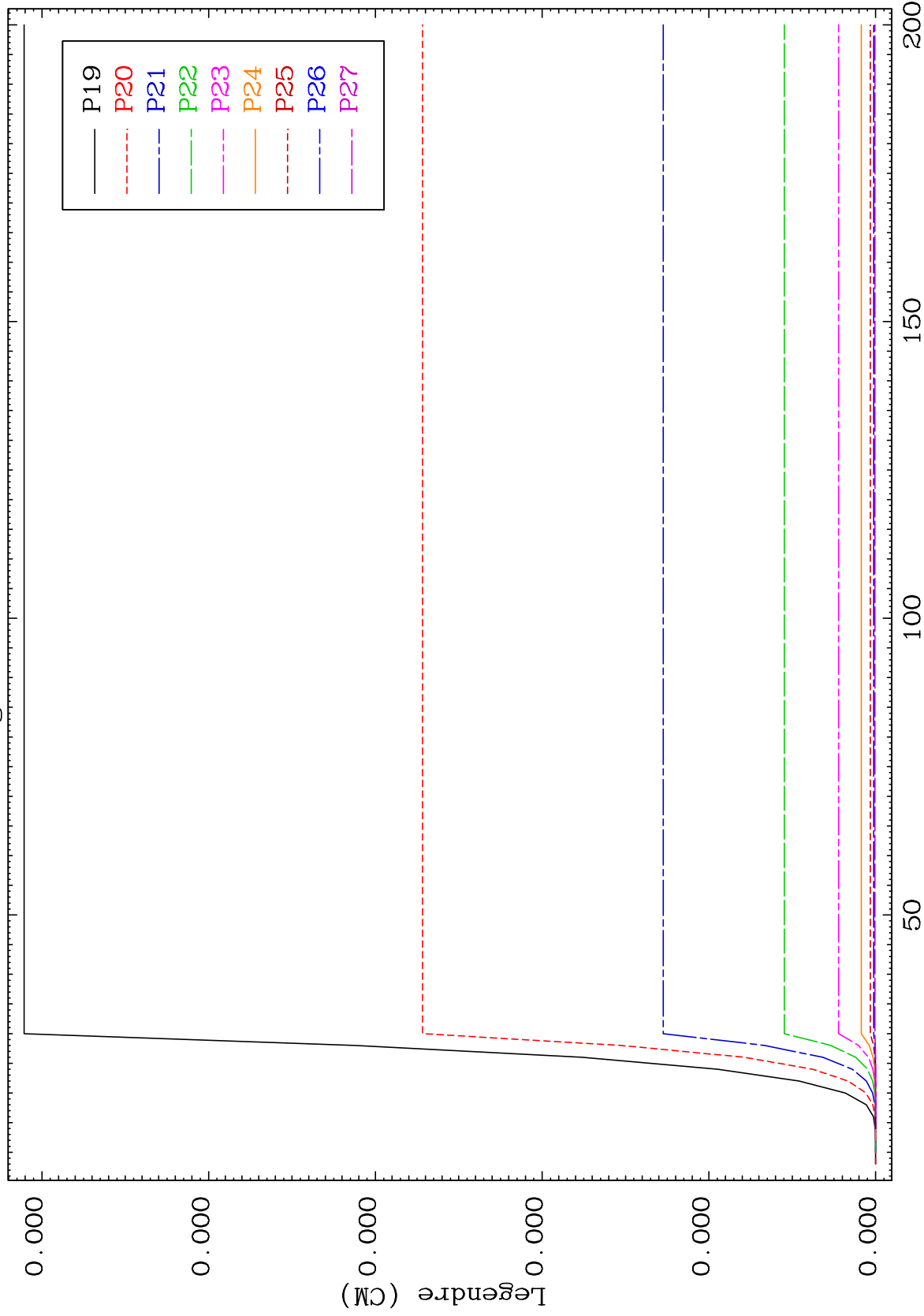


94 48-Cd-116

MAT 4855

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

48-Cd-116



96

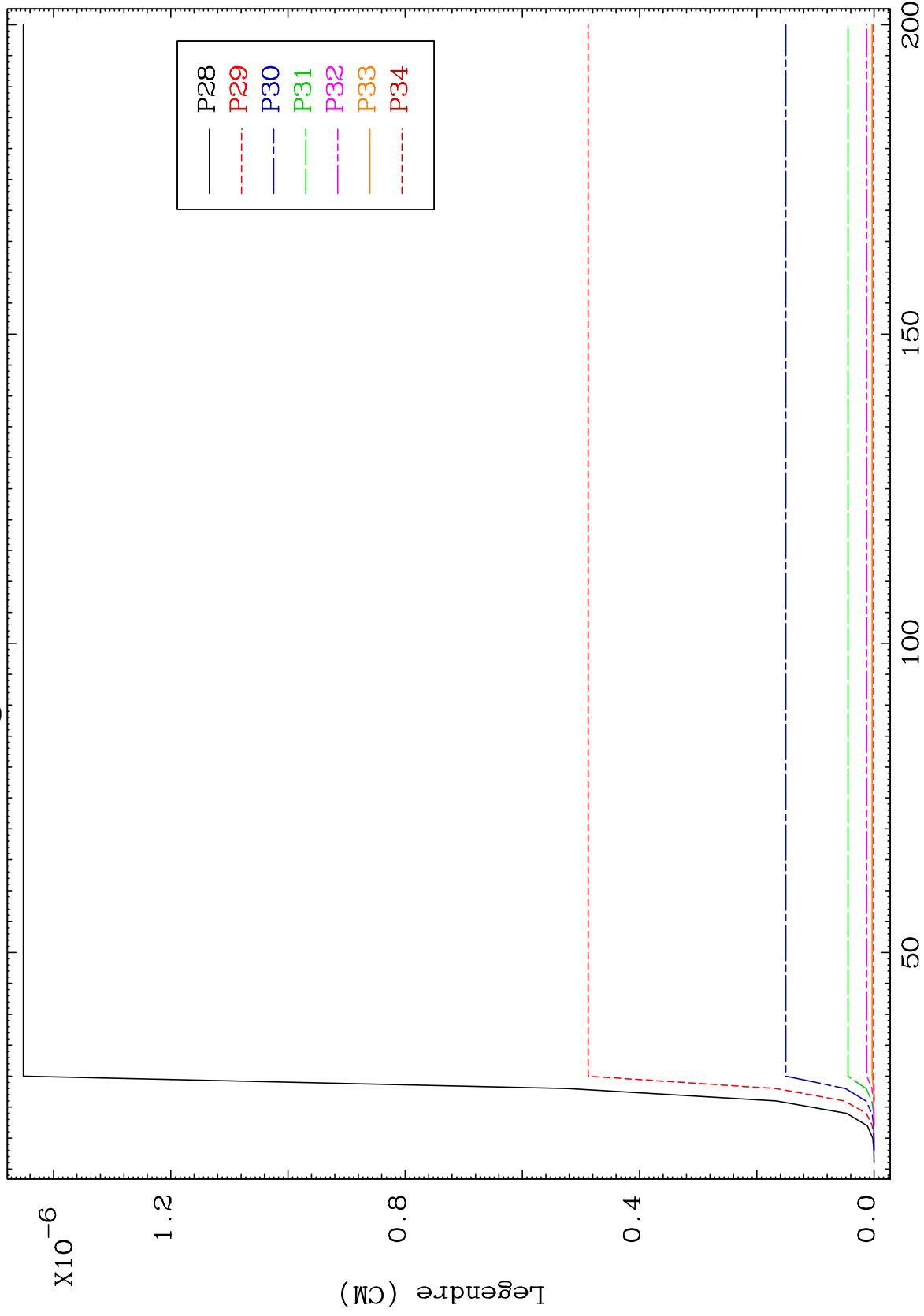
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



97

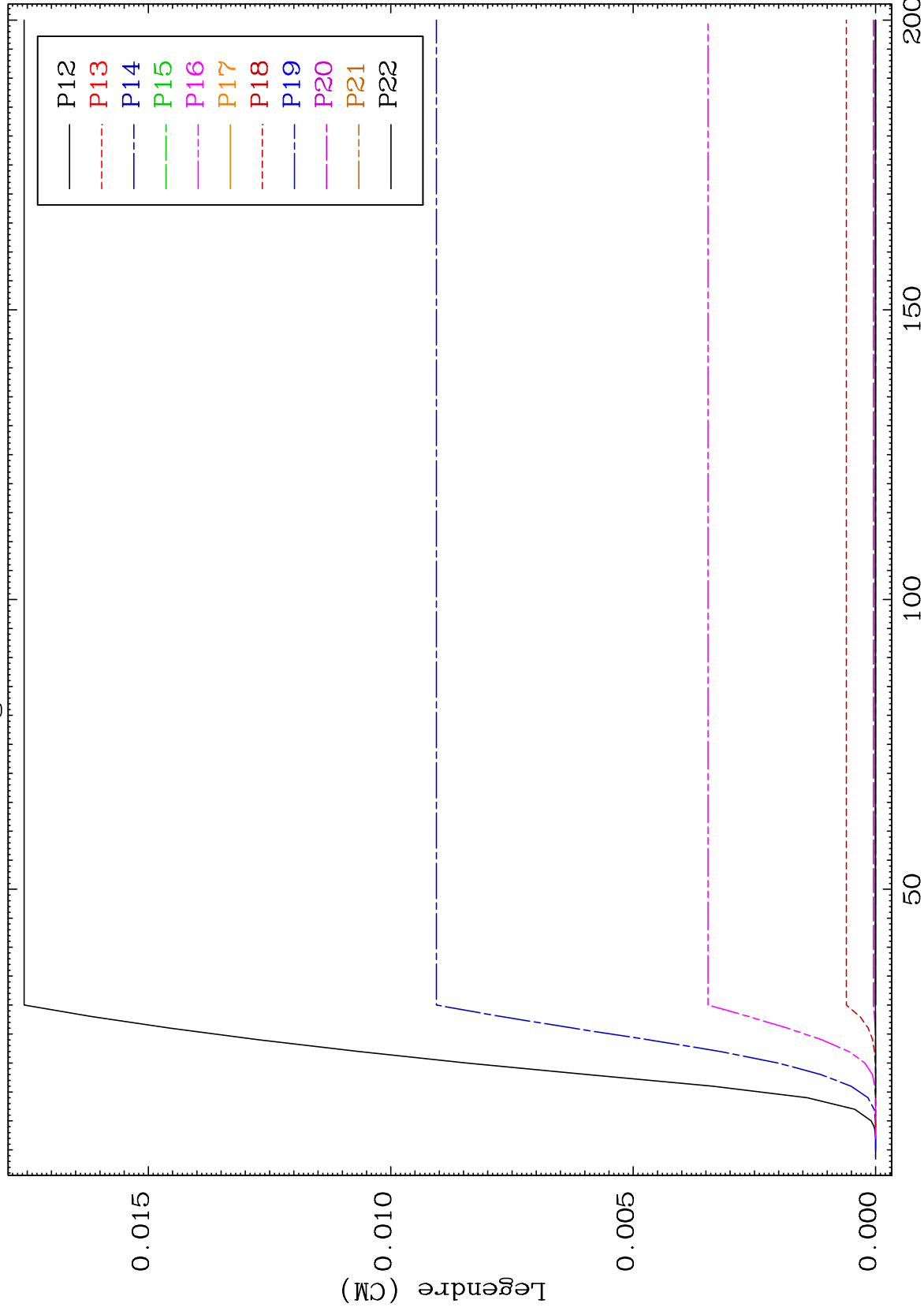
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

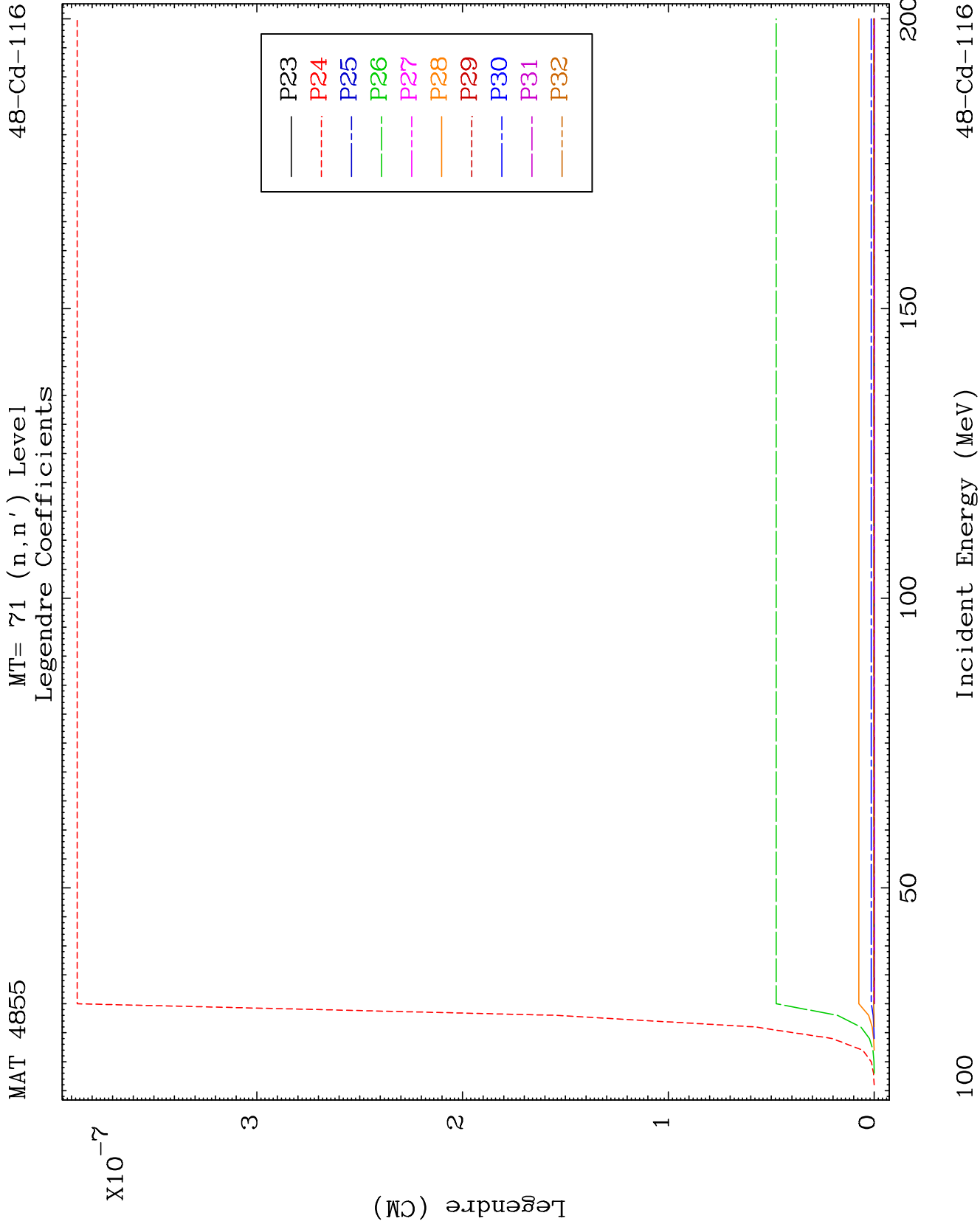
48-Cd-116



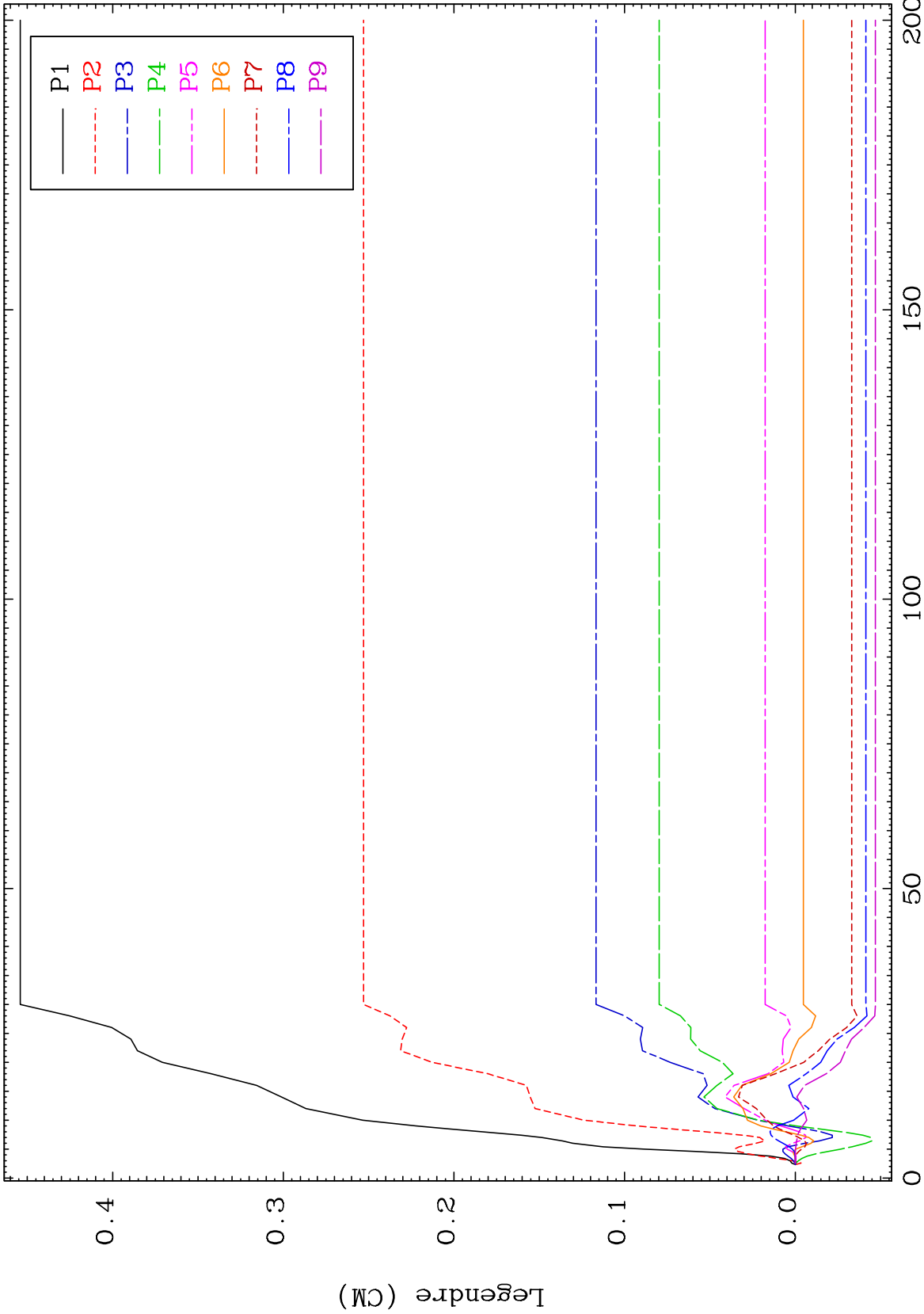
99

Incident Energy (MeV)

48-Cd-116



MAT 4855 MT= 72 (n,n') Level Legendre Coefficients 48-Cd-116

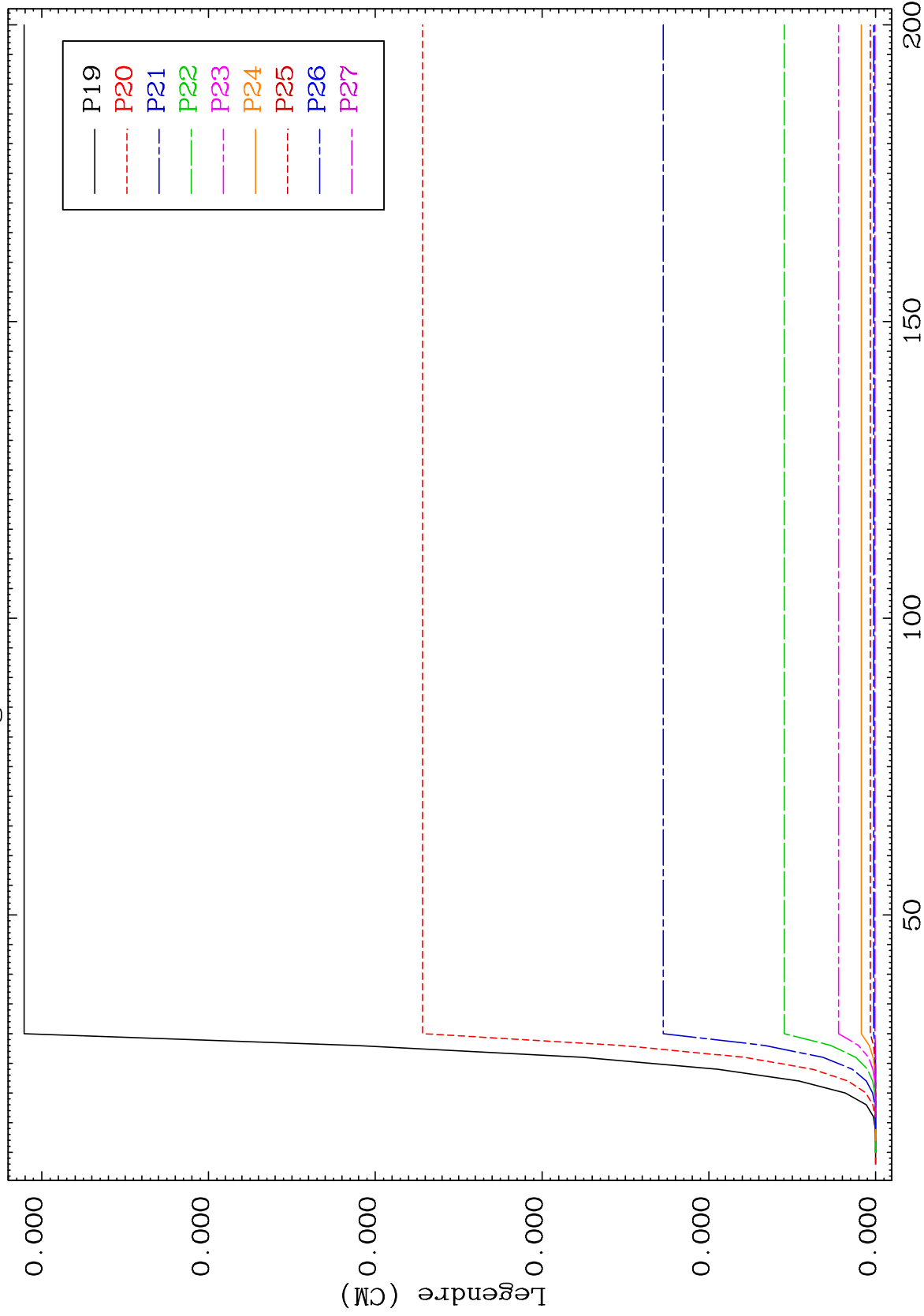


101 48-Cd-116

MAT 4855

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

48-Cd-116



103

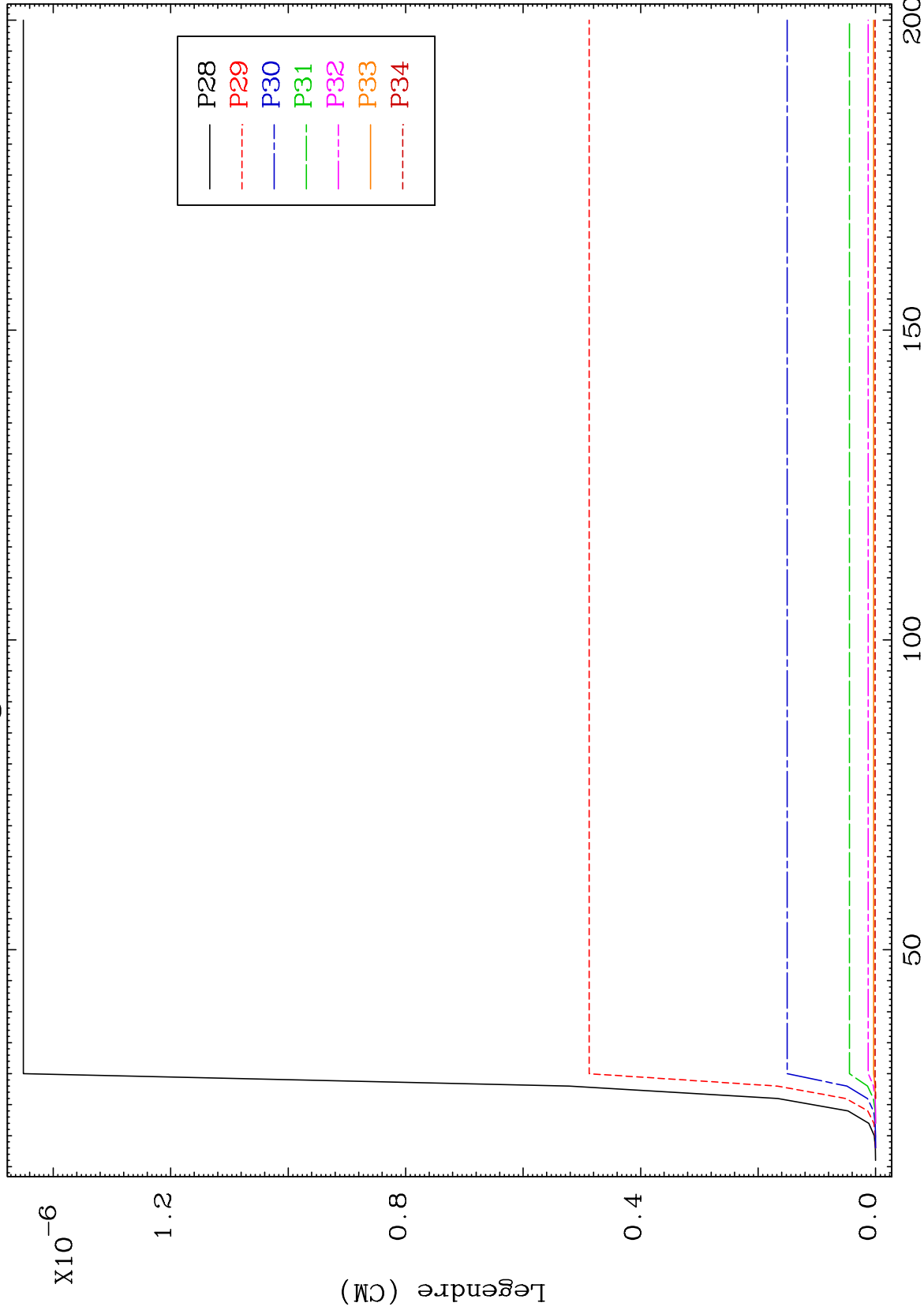
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



104

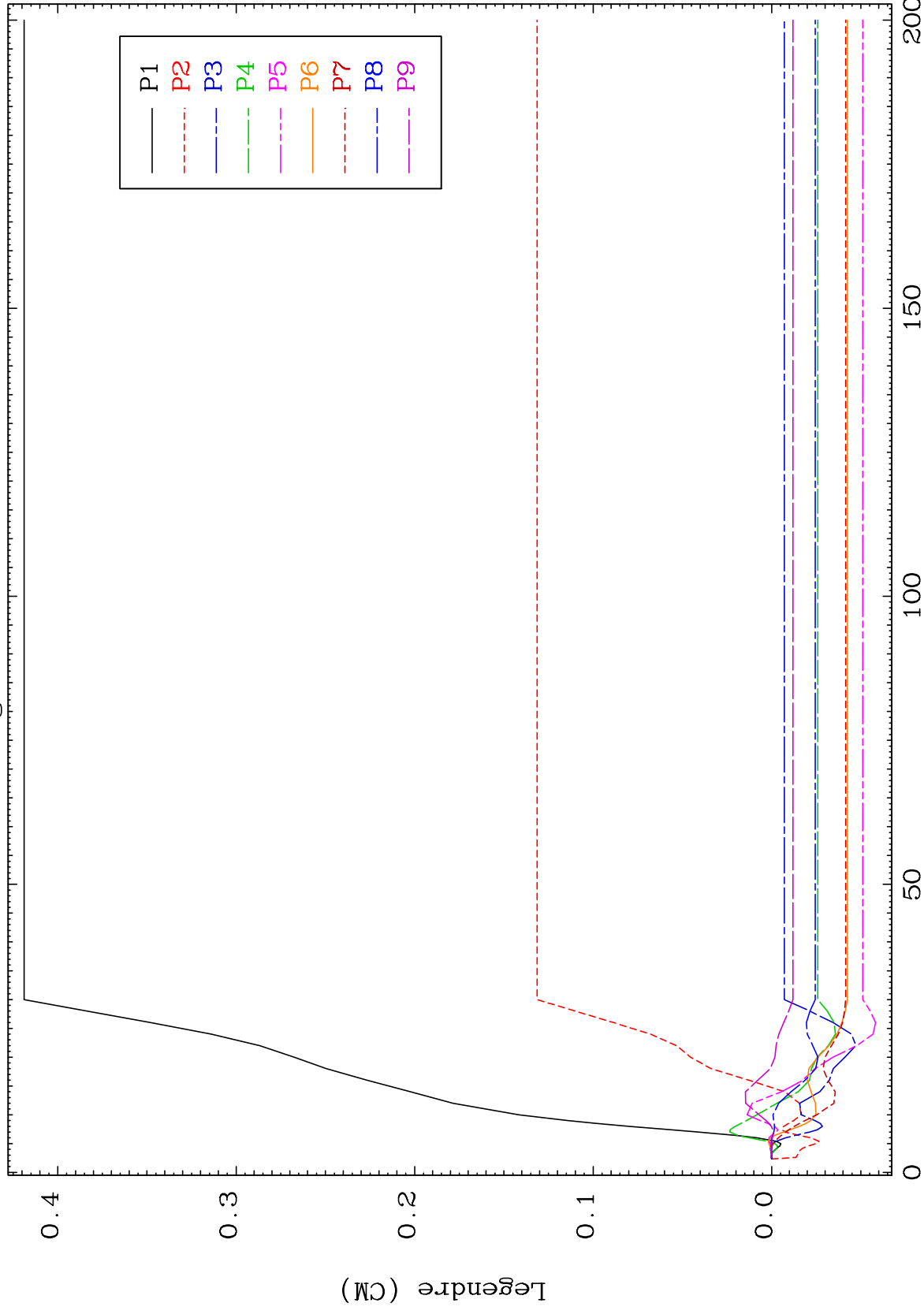
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



105

50

100

150

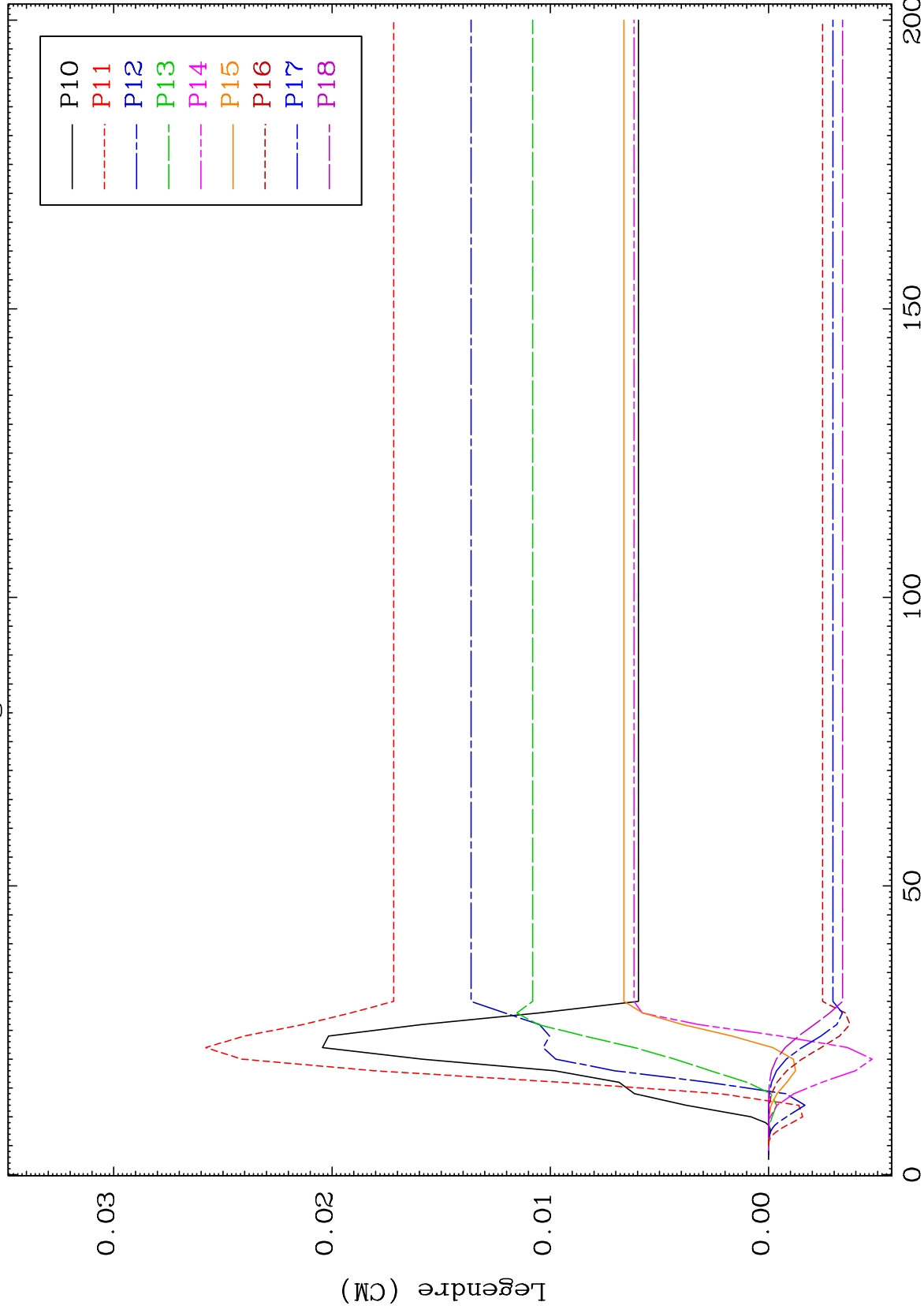
200

48-Cd-116

MAT 4855

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

48-Cd-116



106

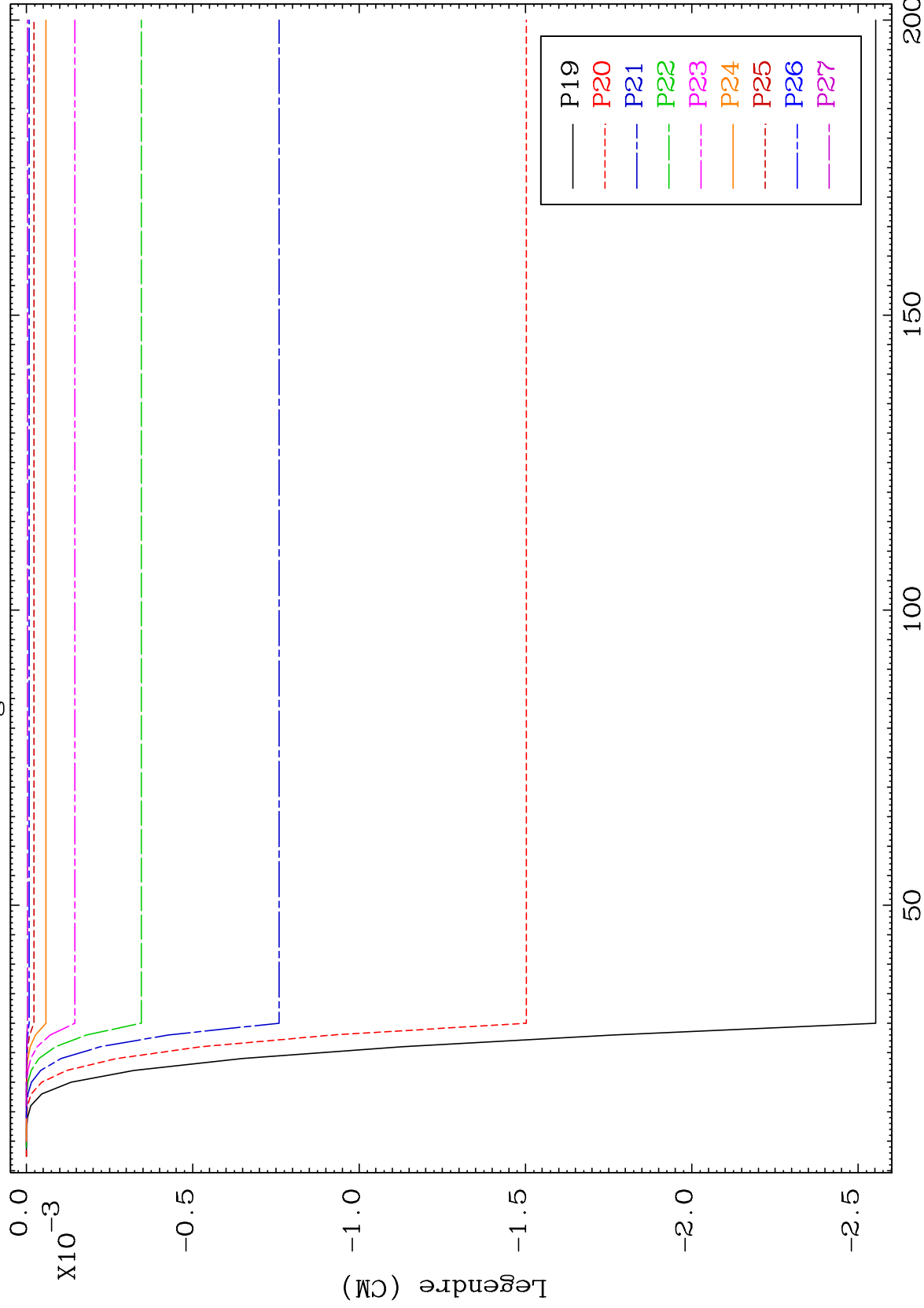
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

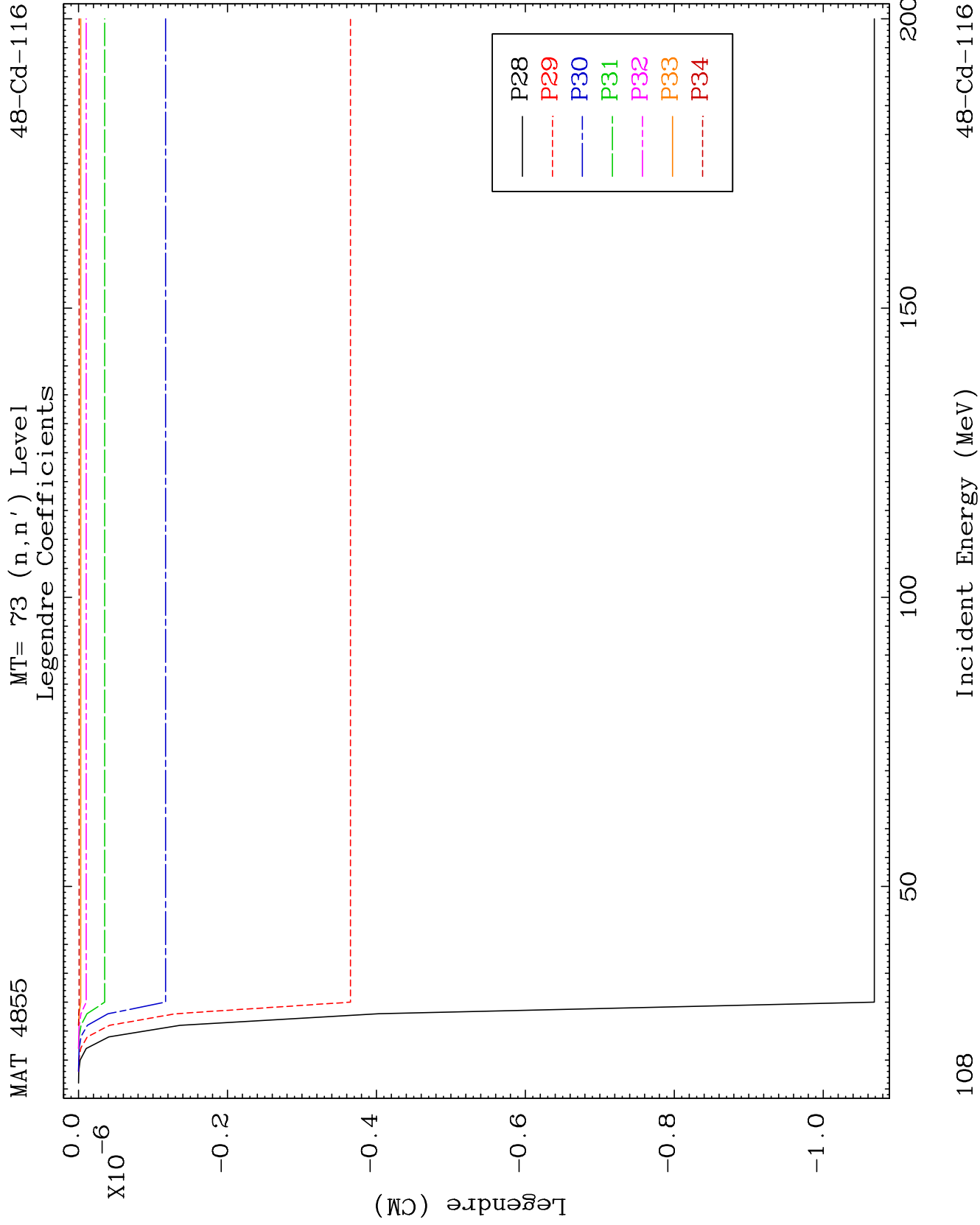
48-Cd-116



107

Incident Energy (MeV)

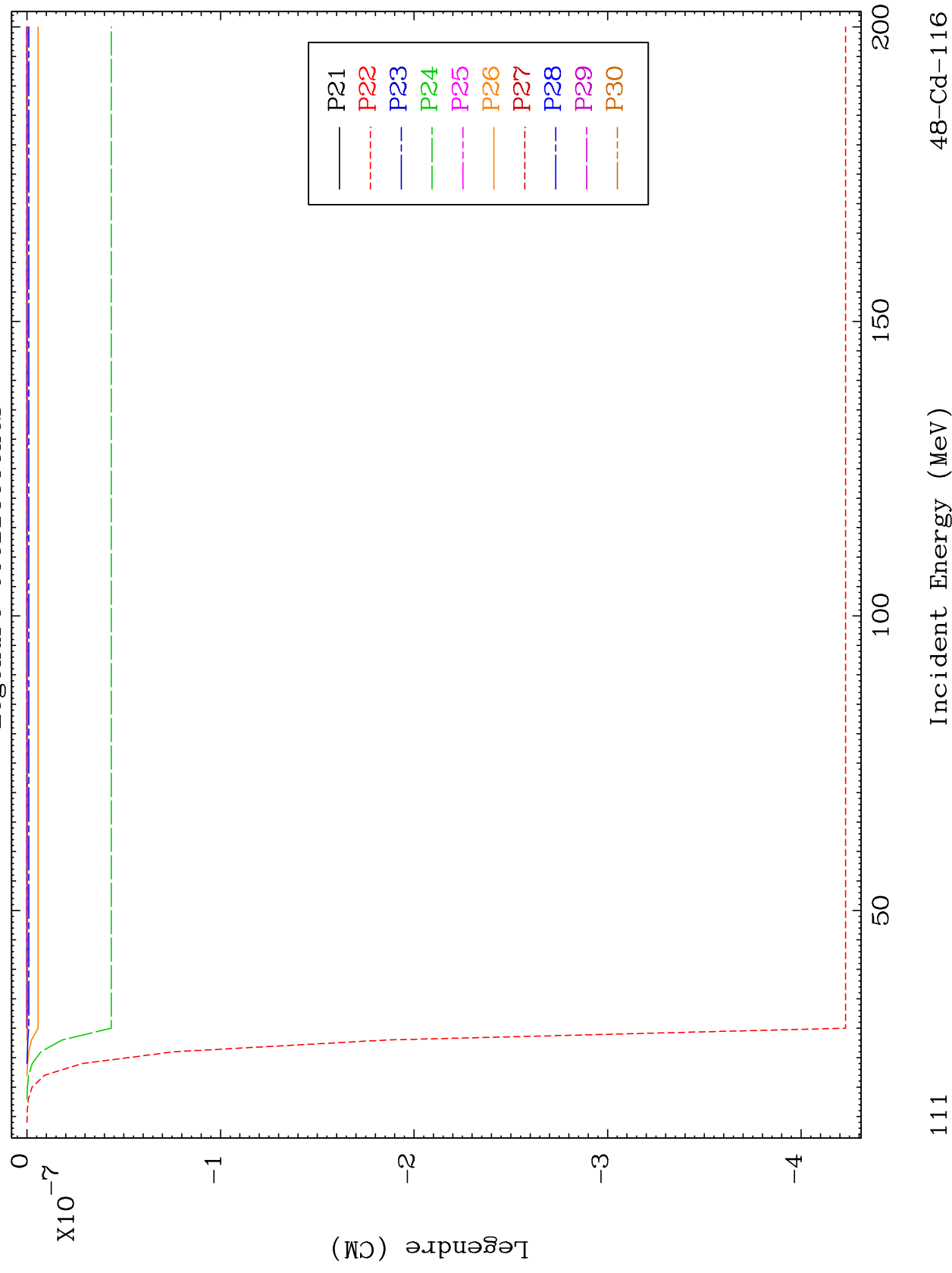
48-Cd-116



MAT 4855

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

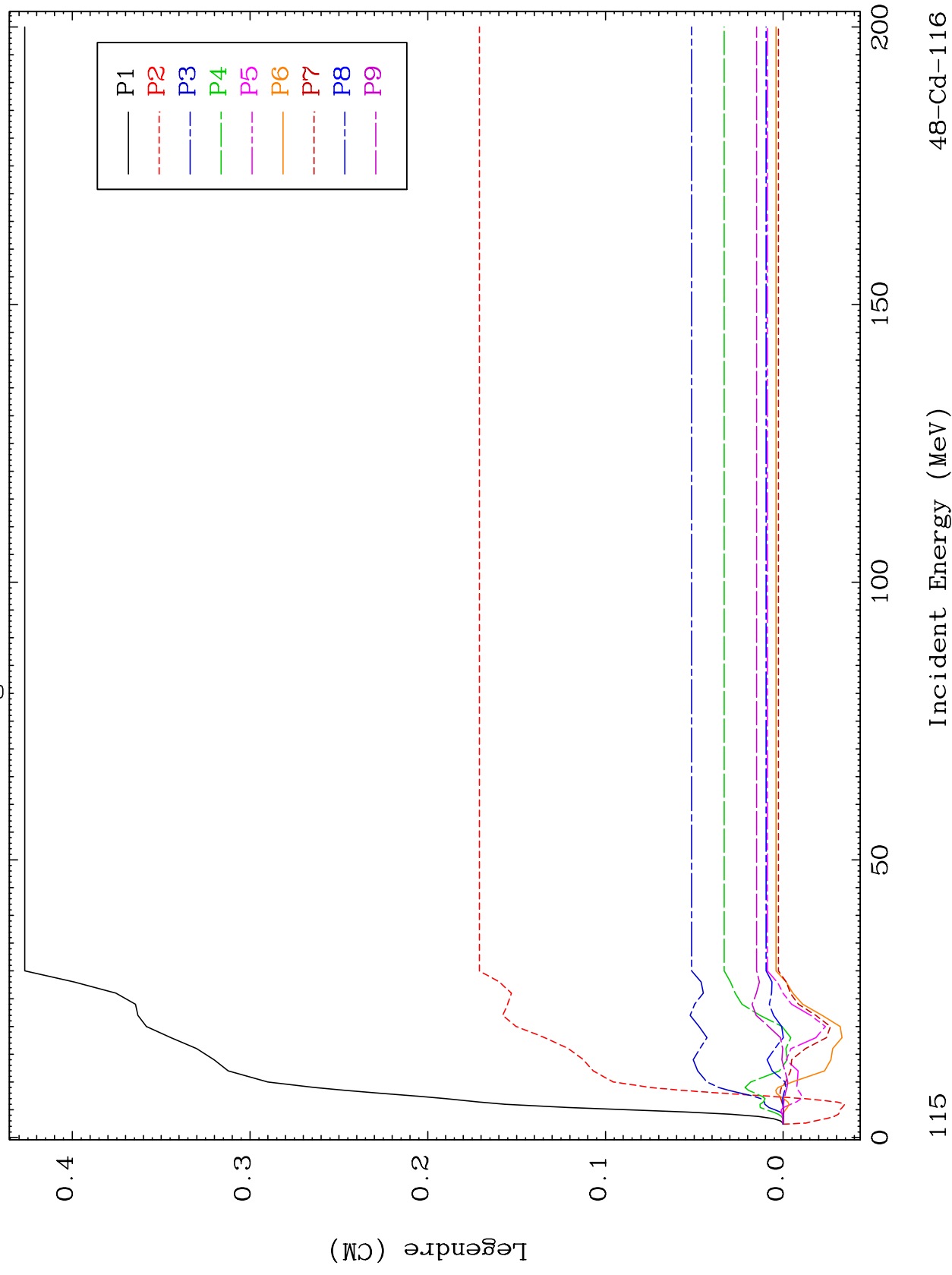
48-Cd-116



MAT 4855

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

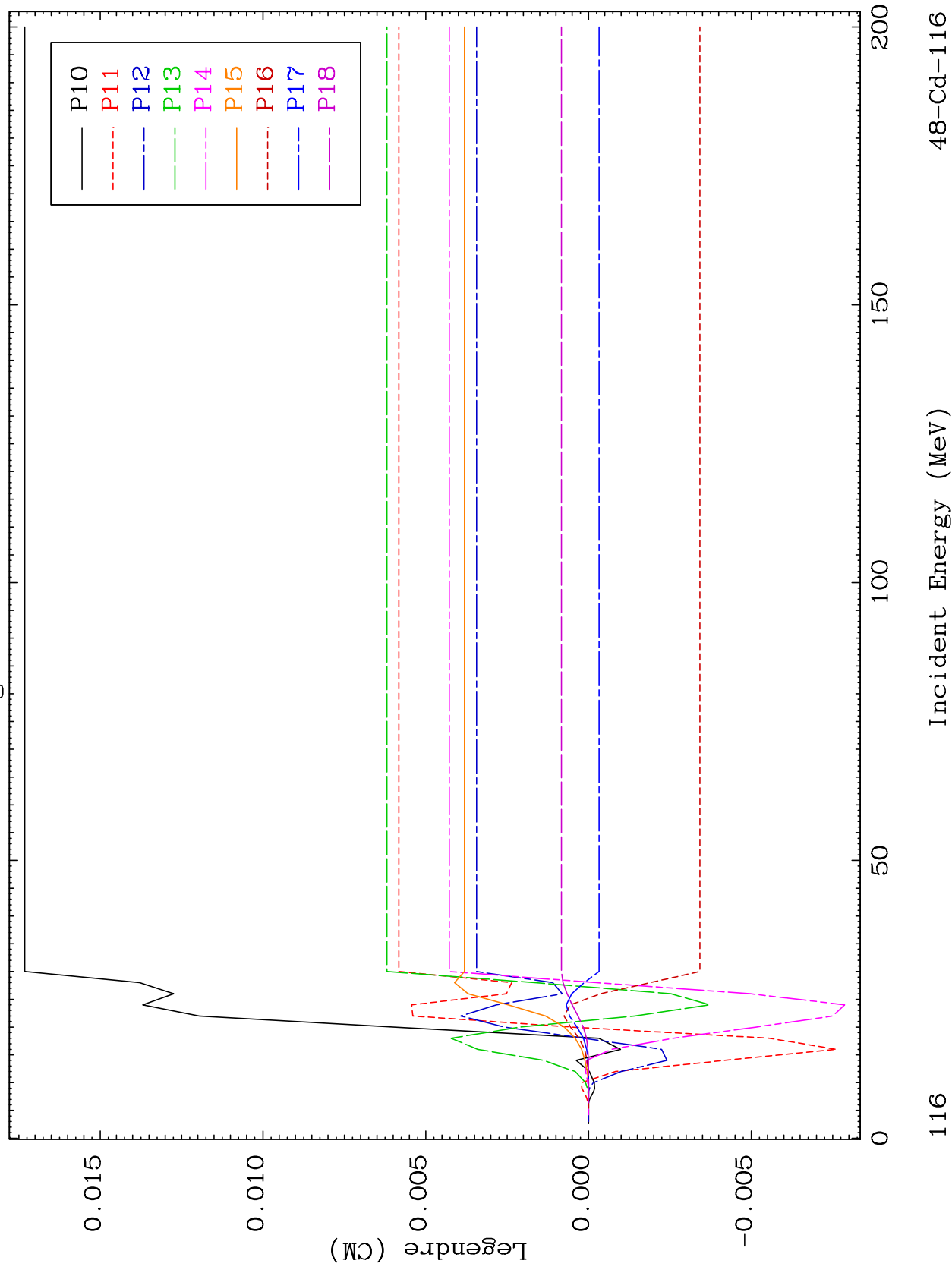
48-Cd-116



MAT 4855

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

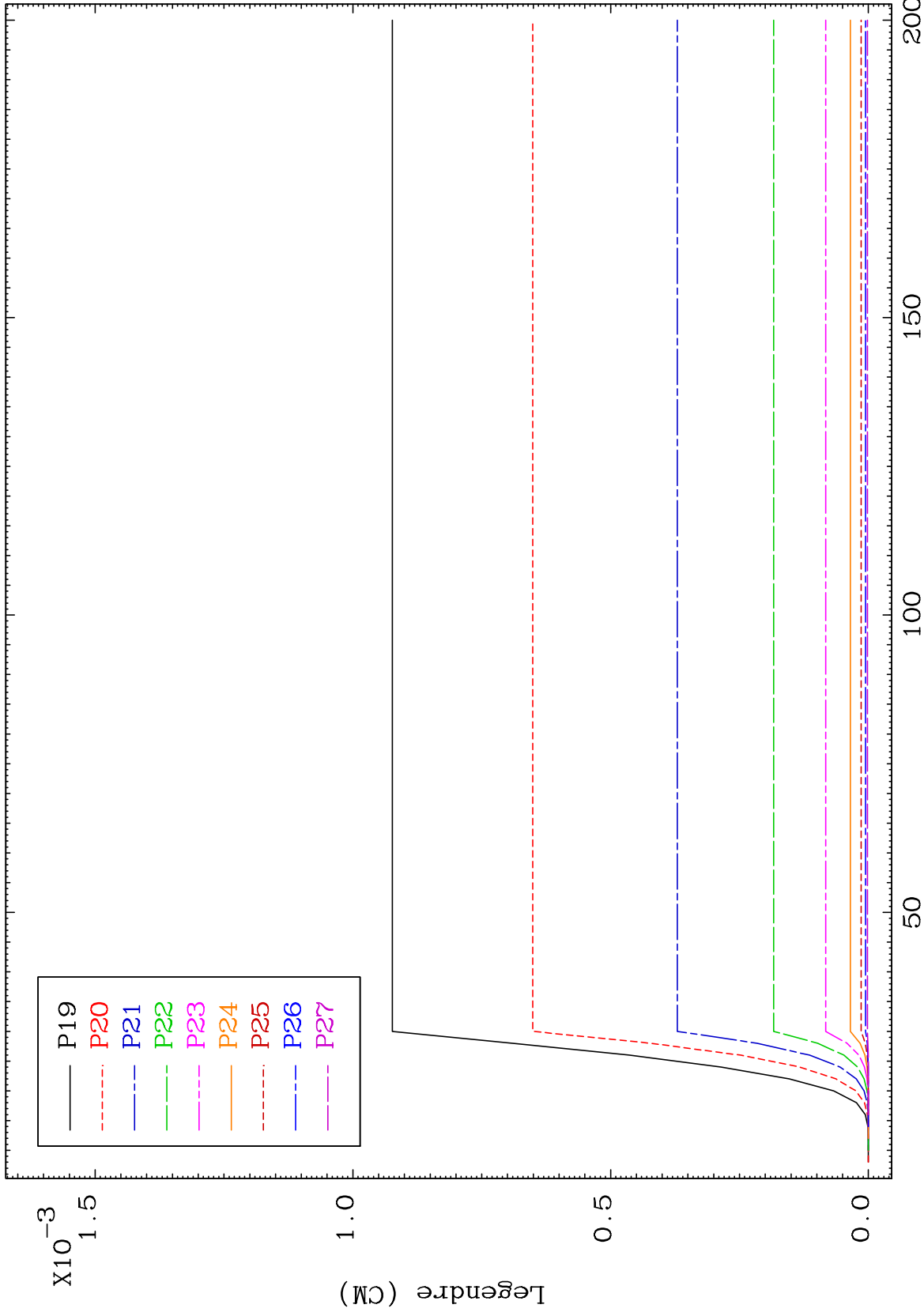
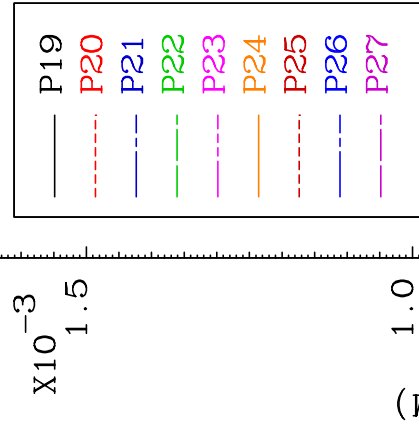
48-Cd-116



MAT 4855

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

48-Cd-116



117

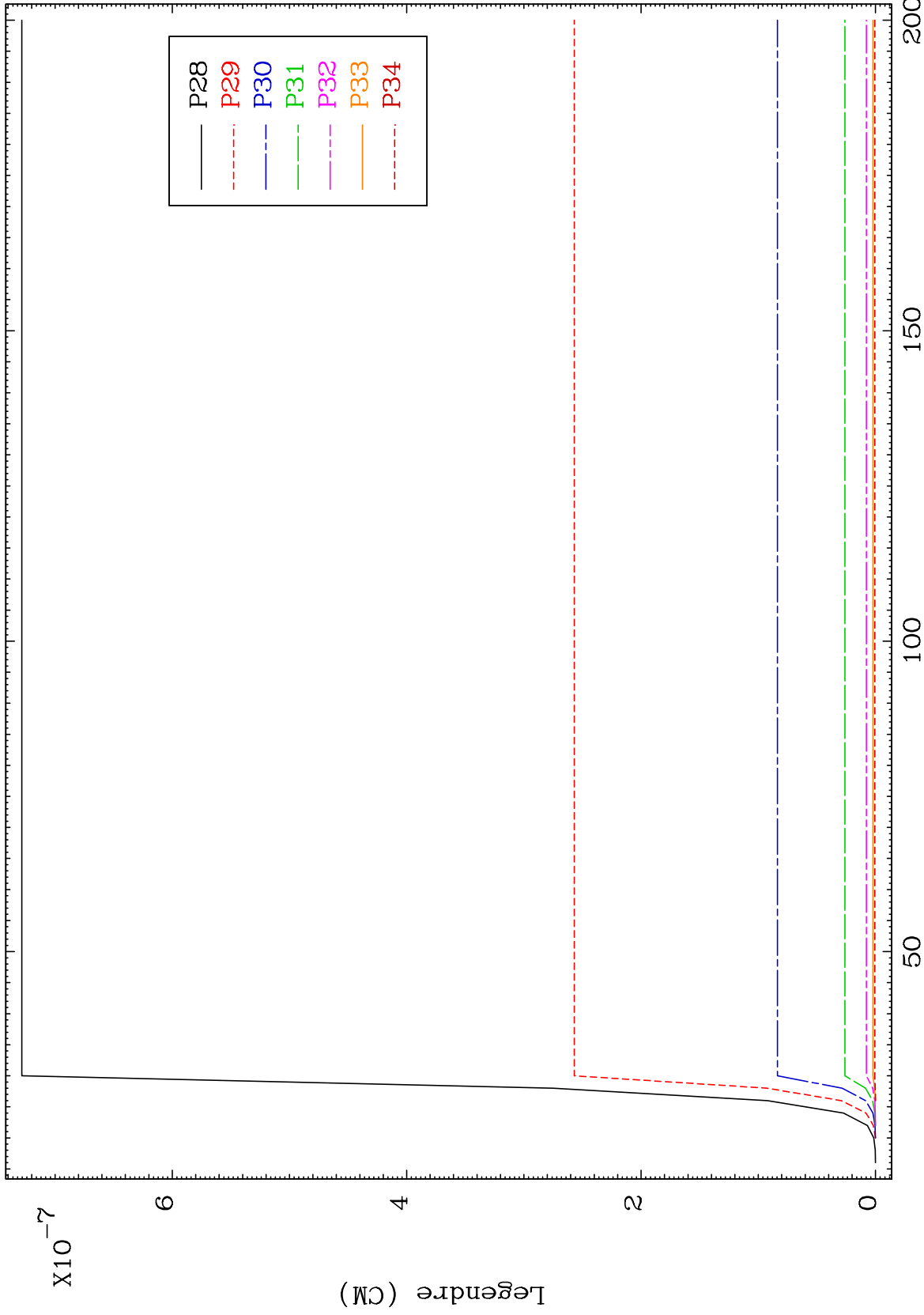
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



118

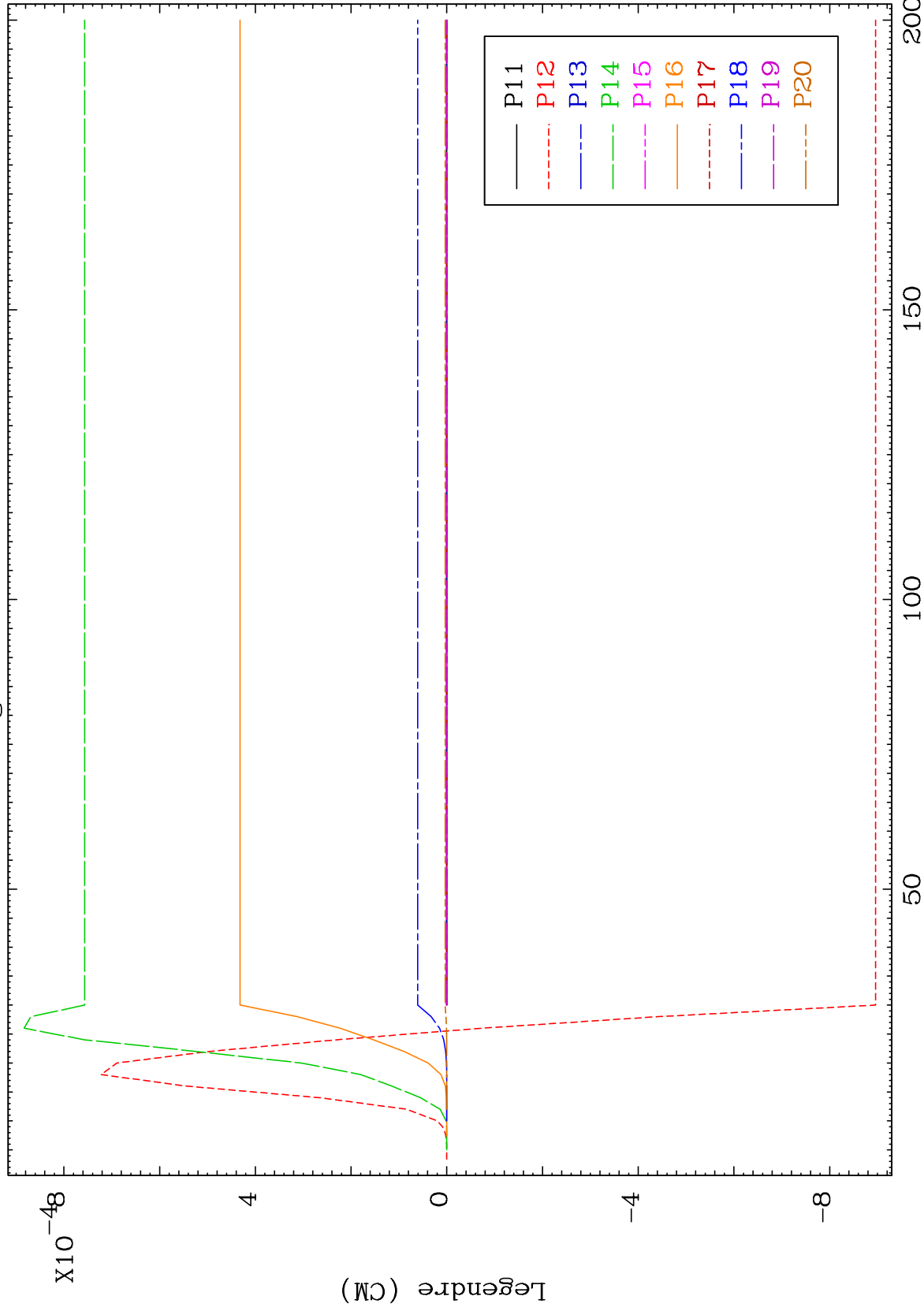
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



120

50

100

150

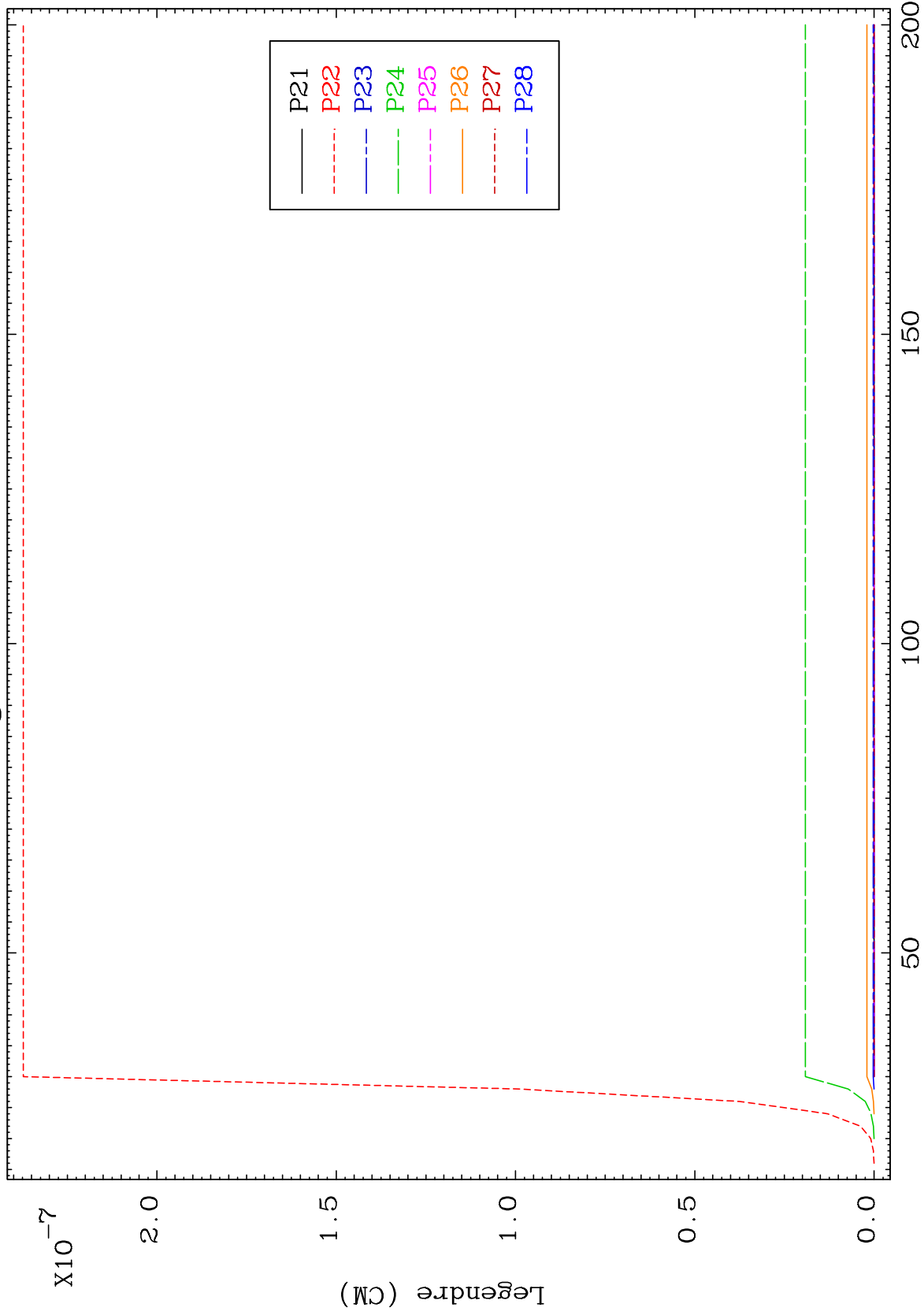
200

48-Cd-116

MAT 4855

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

48-Cd-116



121

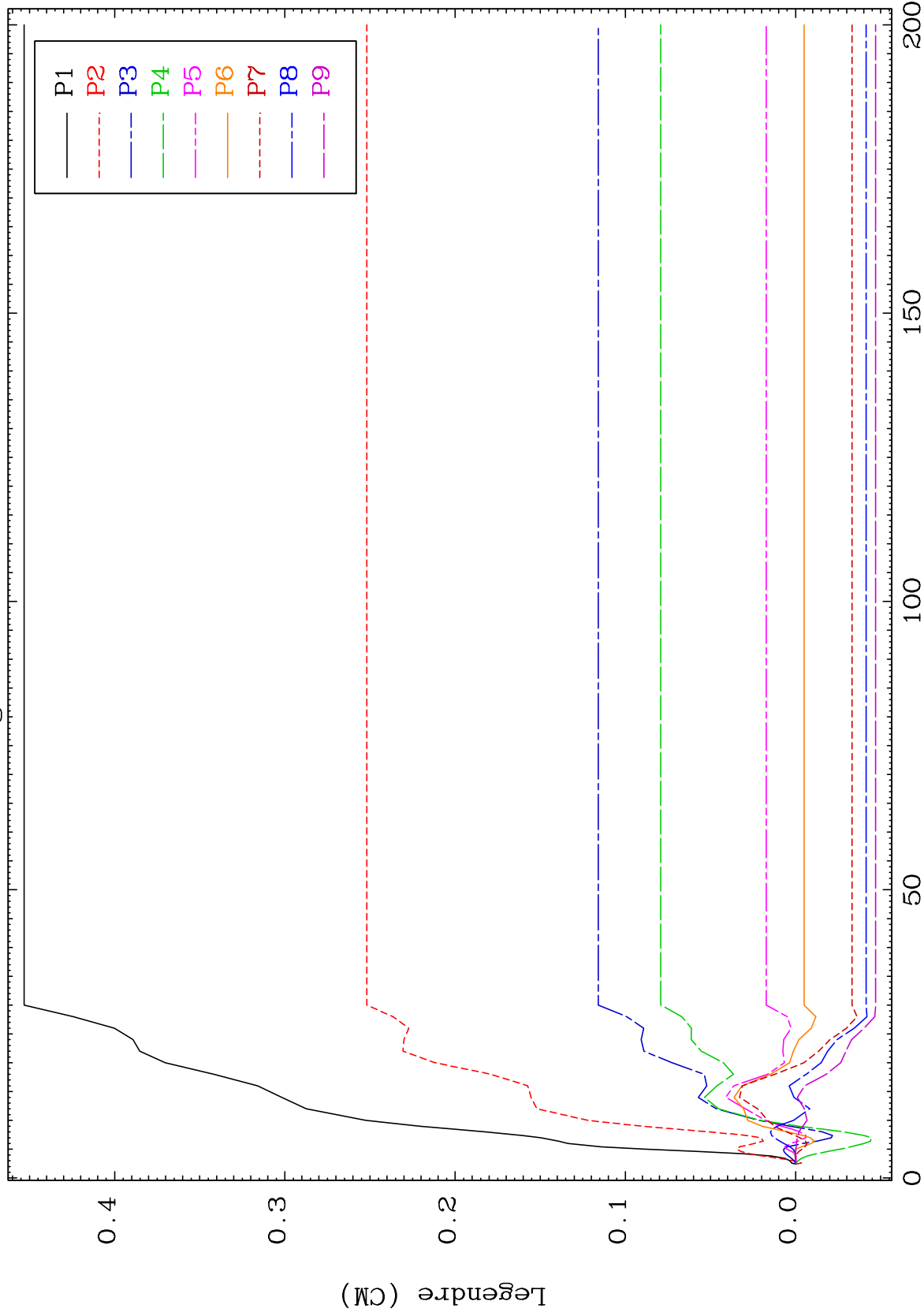
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



122

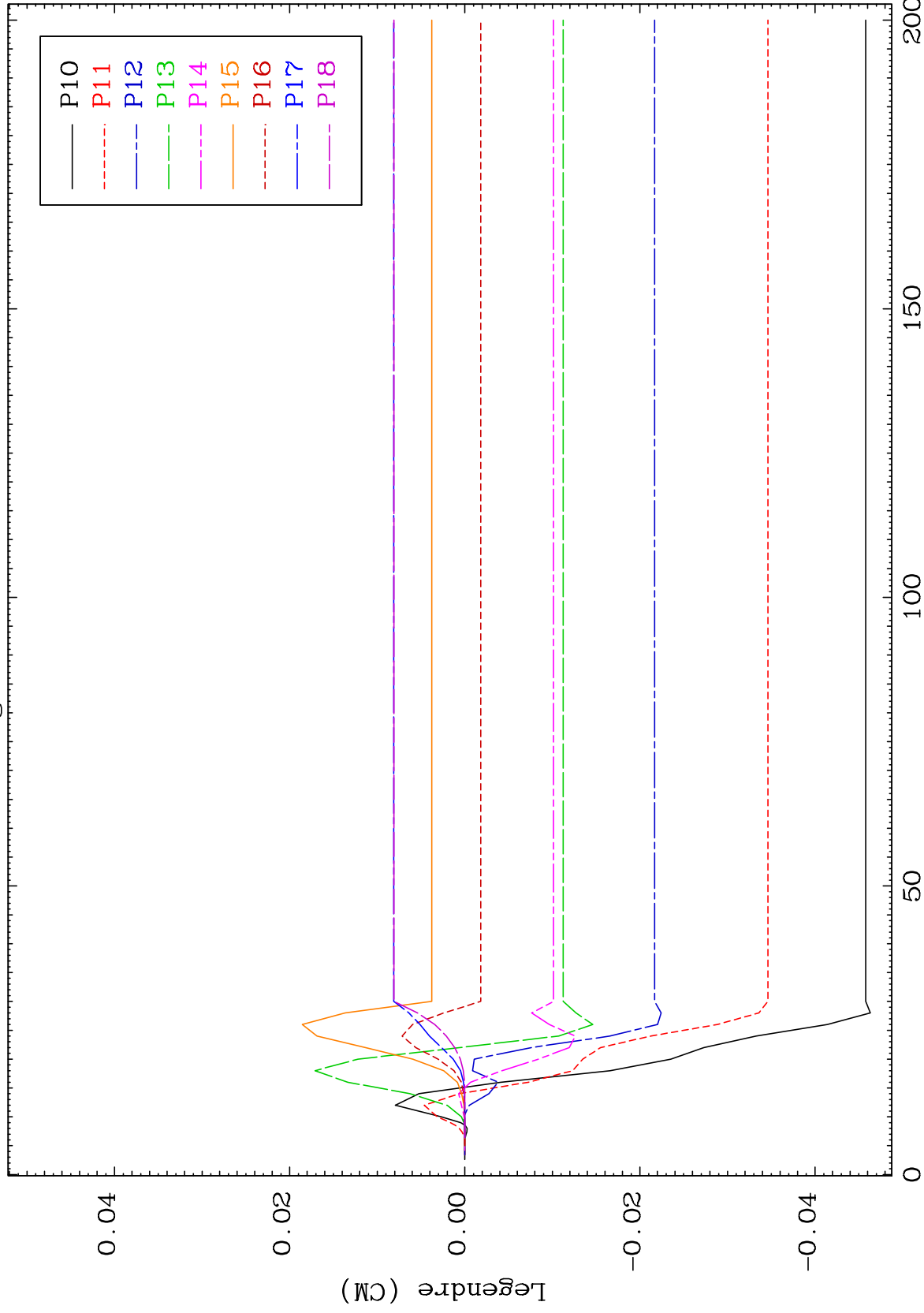
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

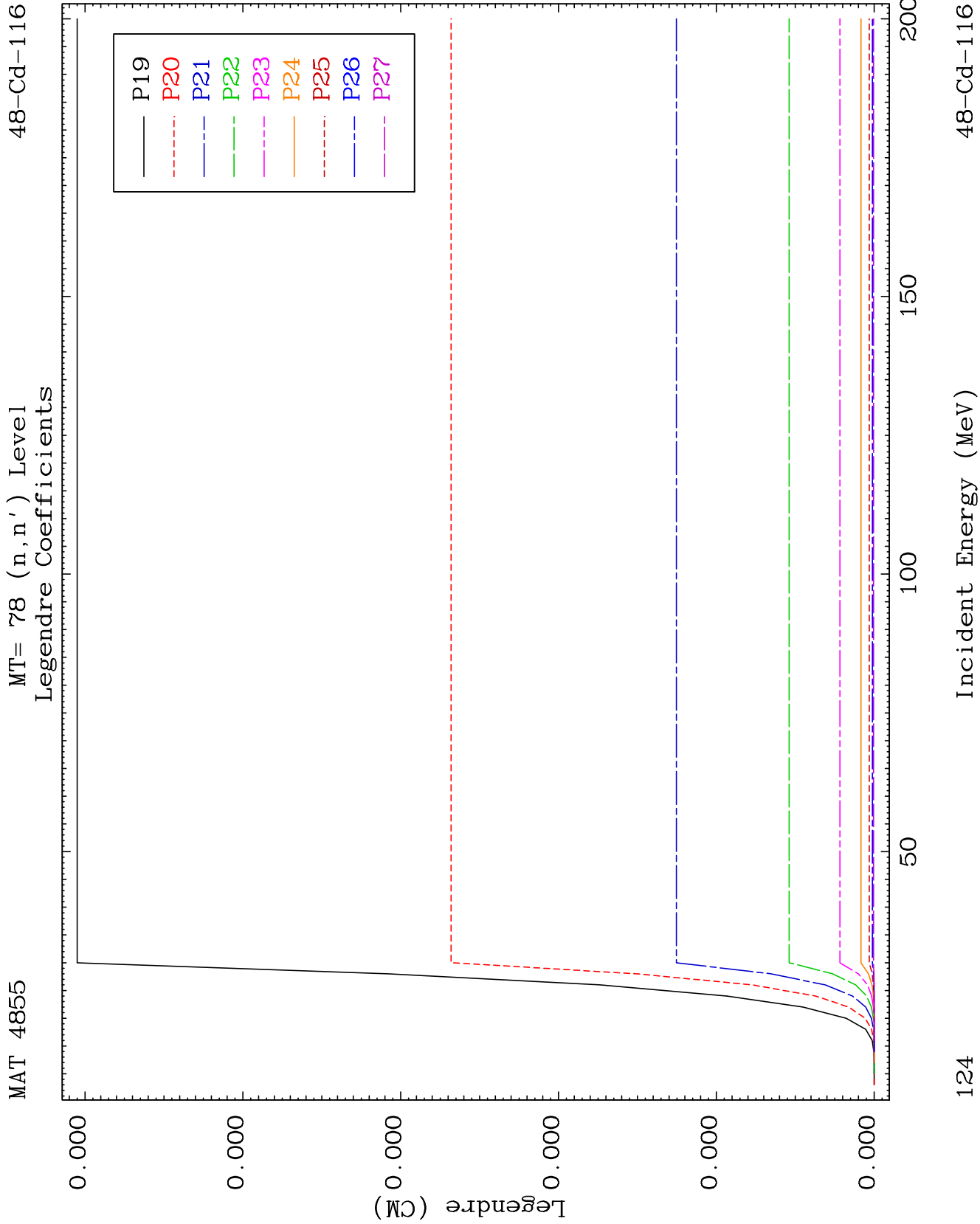
48-Cd-116



123

Incident Energy (MeV)

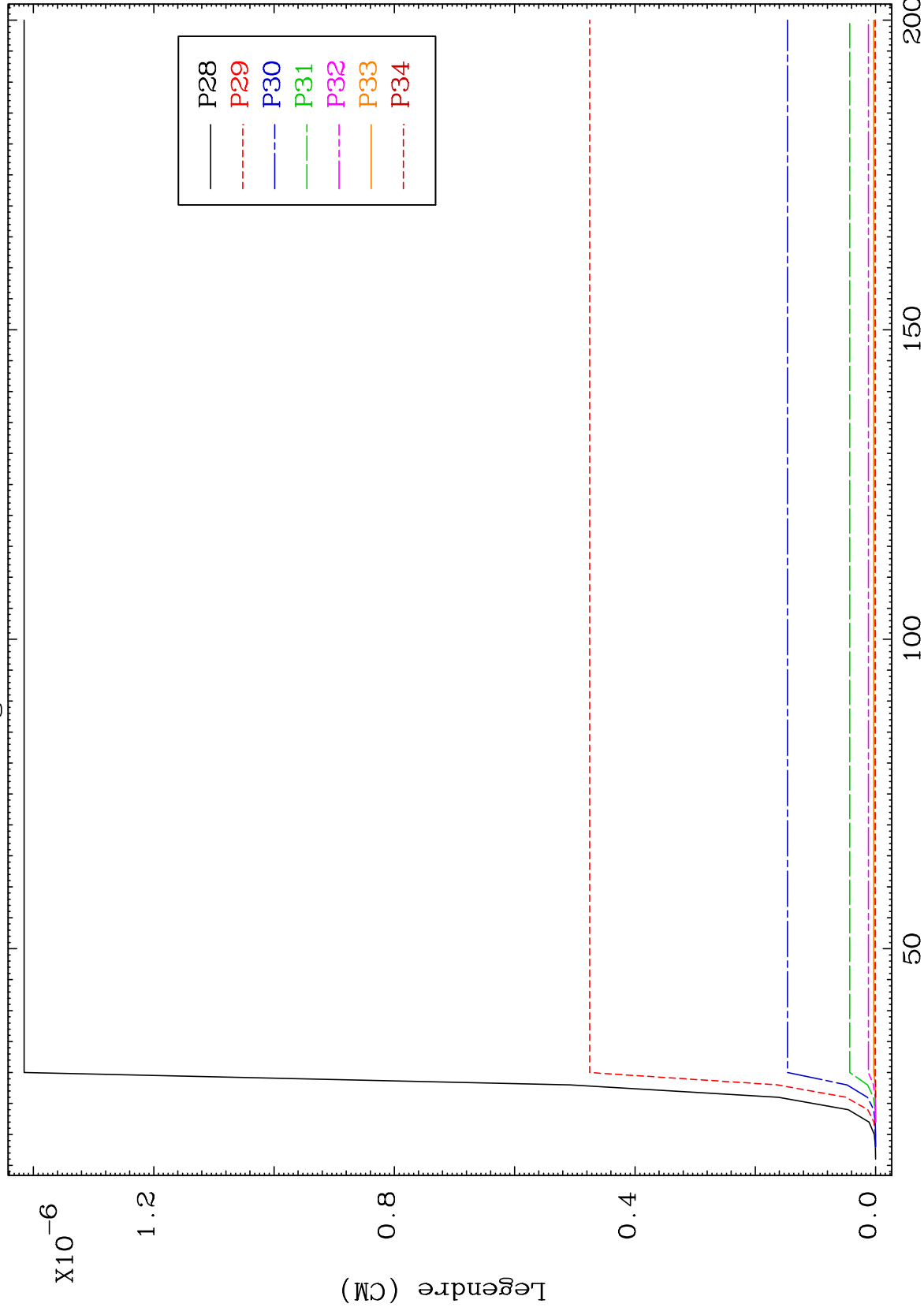
48-Cd-116



MAT 4855

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

48-Cd-116



125

50

100

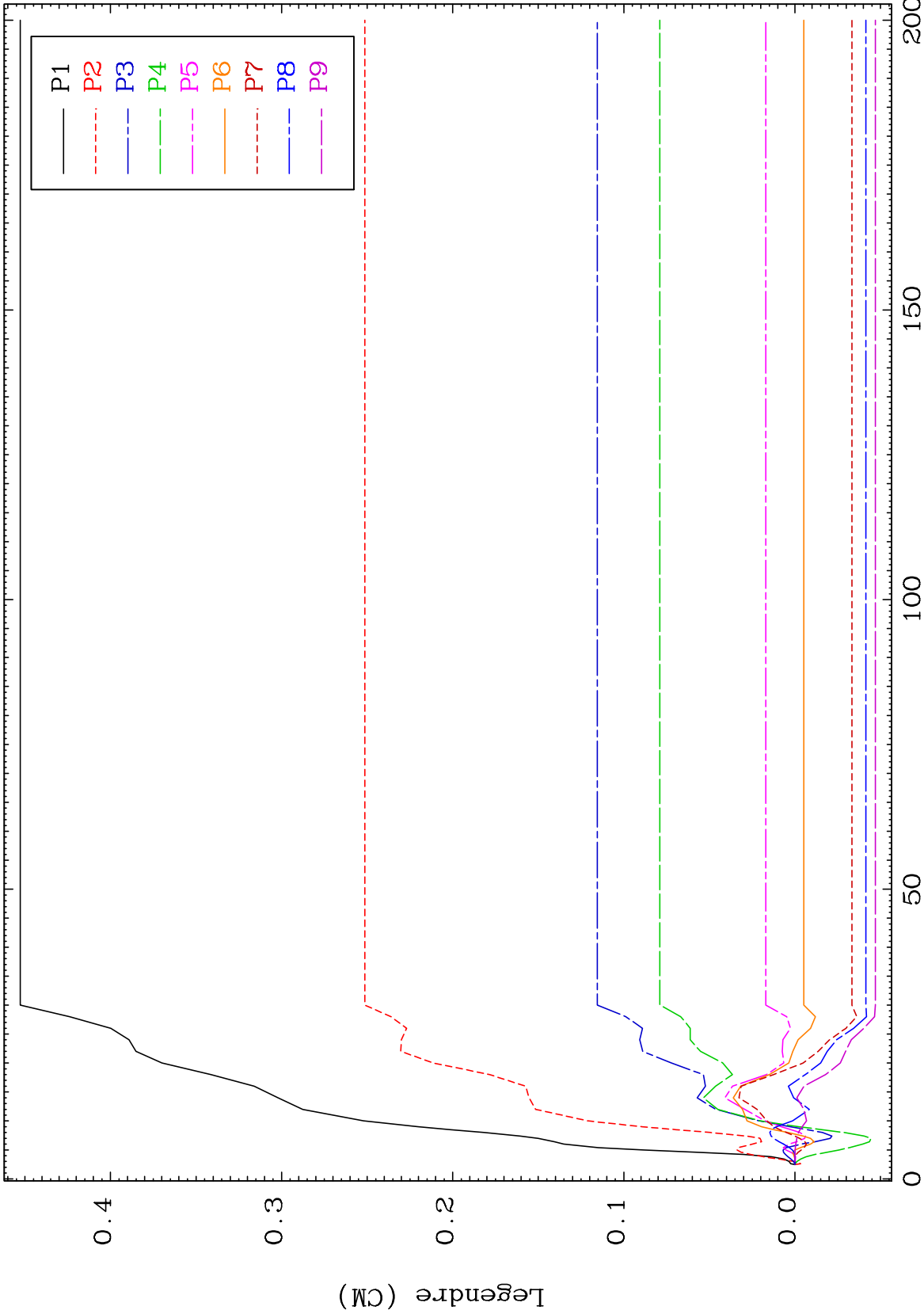
150

200

Incident Energy (MeV)

48-Cd-116

MAT 4855 MT= 79 (n,n') Level Legendre Coefficients 48-Cd-116

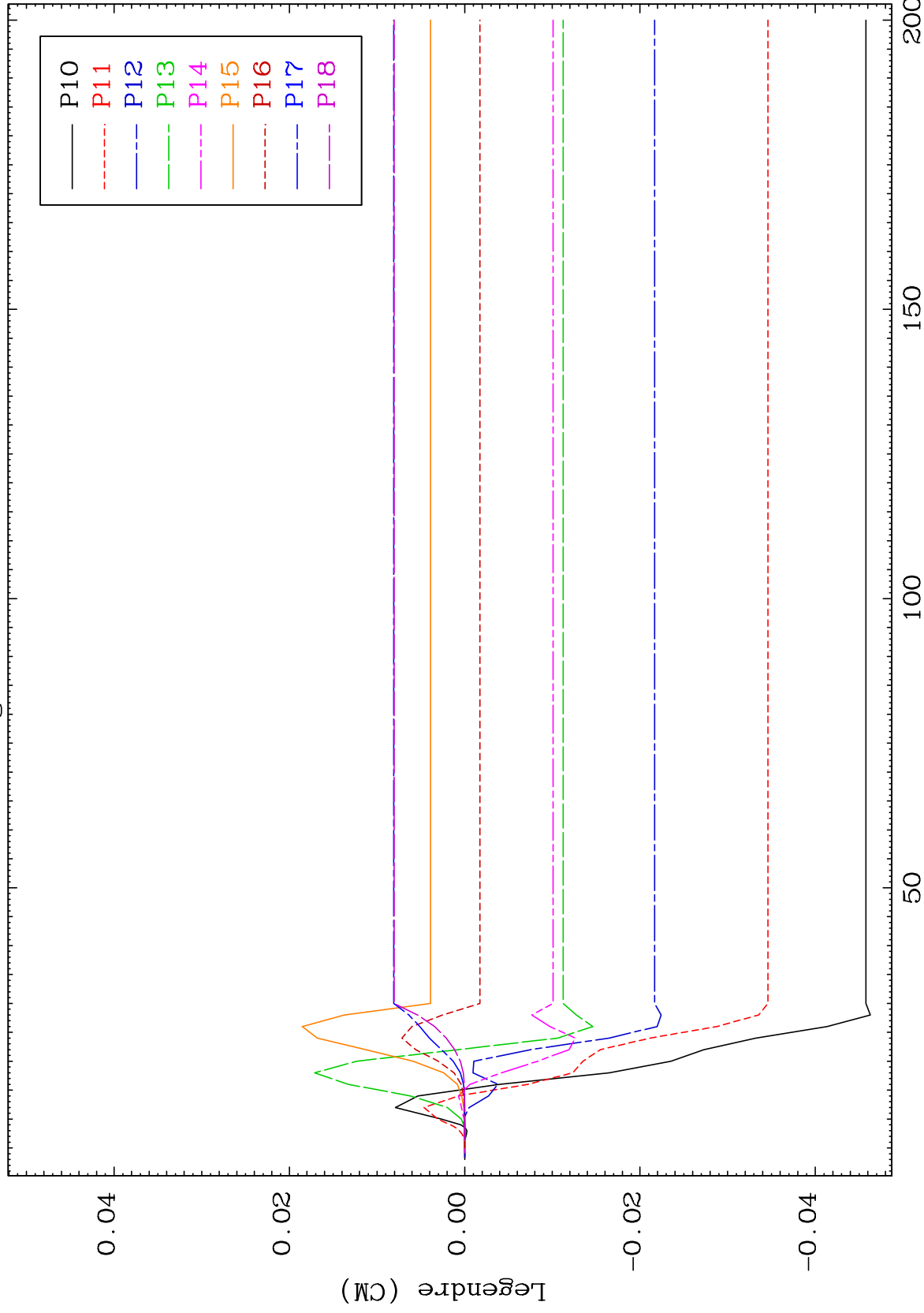


126 48-Cd-116

MAT 4855

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

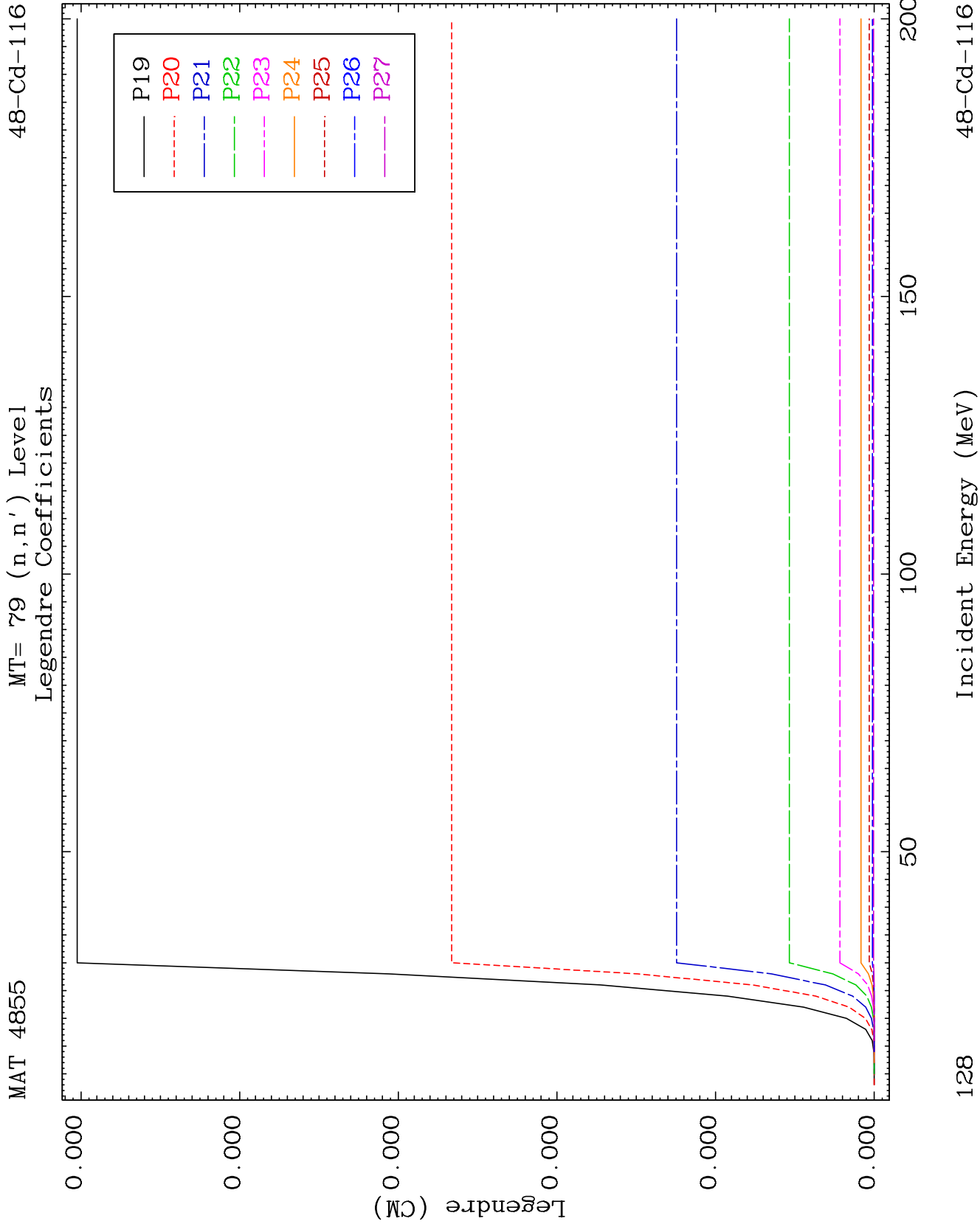
48-Cd-116



127

Incident Energy (MeV)

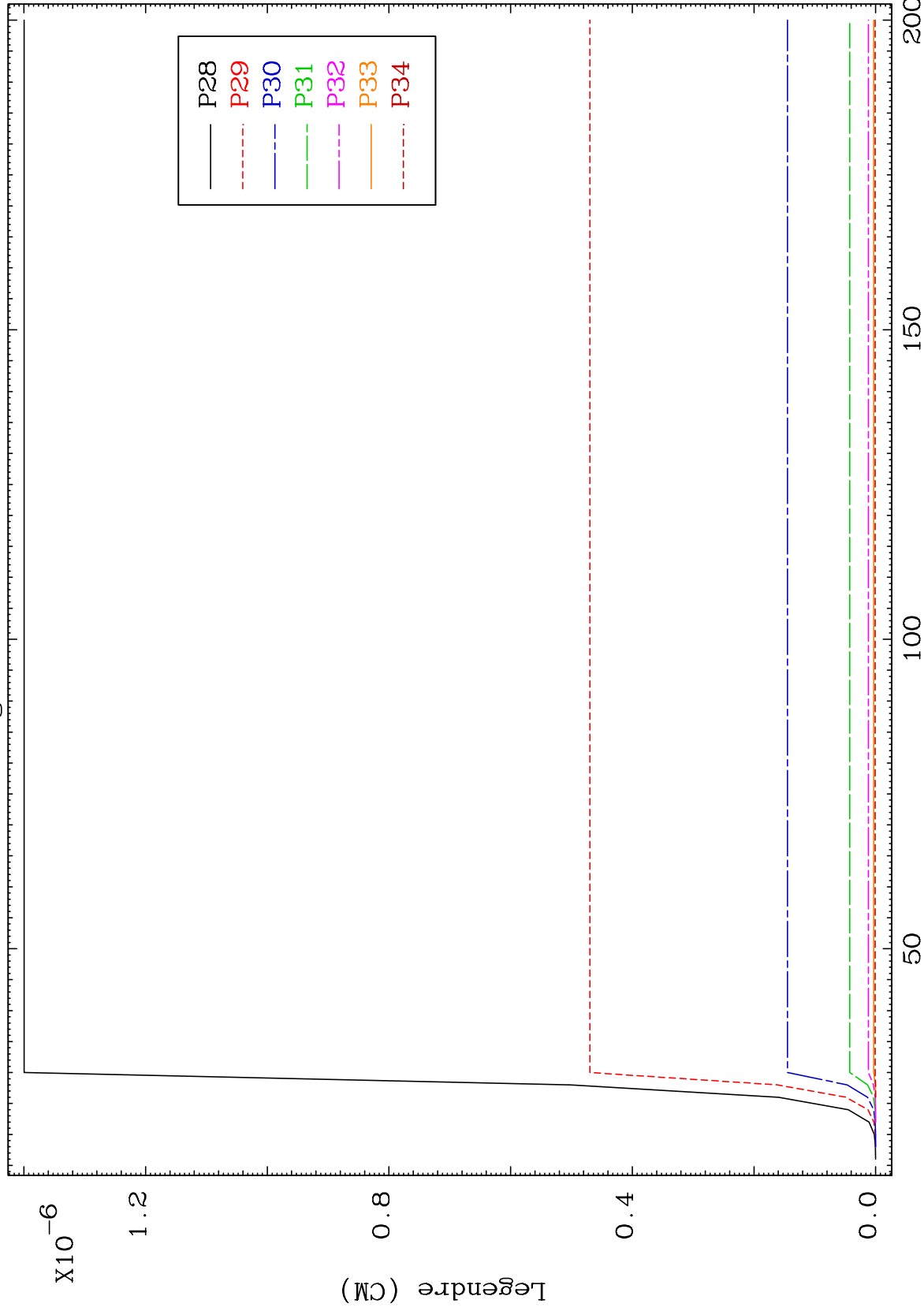
48-Cd-116



MAT 4855

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

48-Cd-116



129

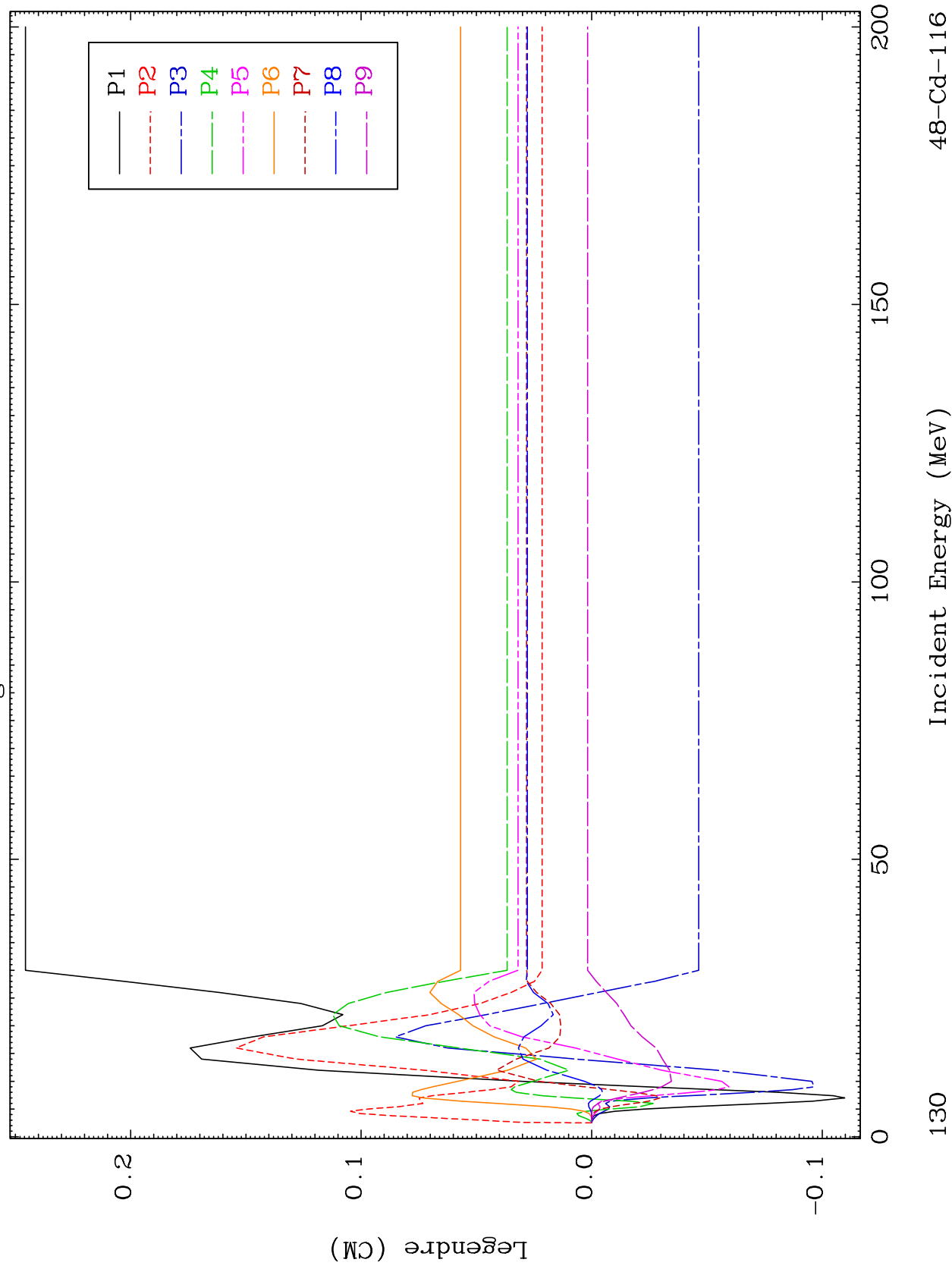
Incident Energy (MeV)

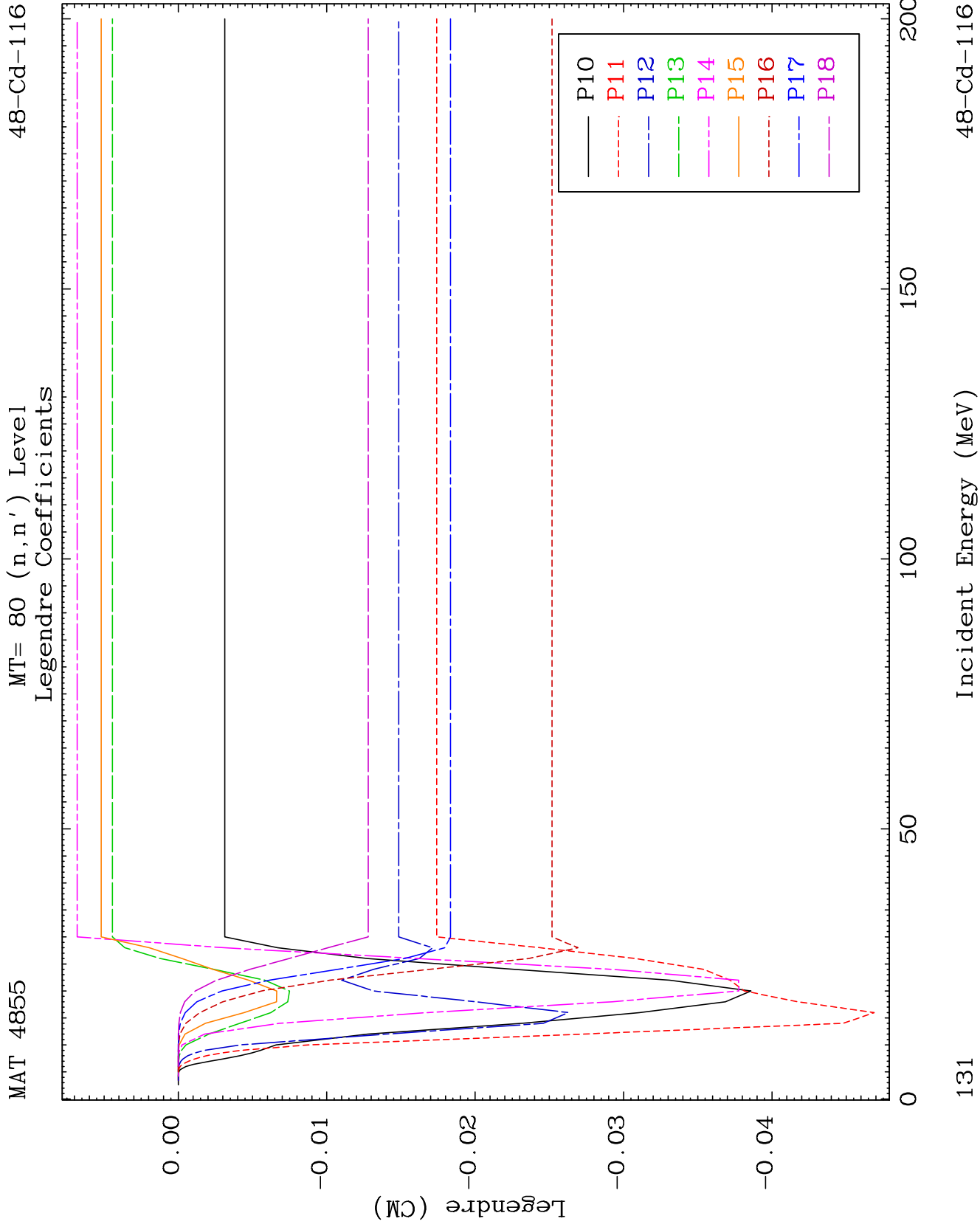
48-Cd-116

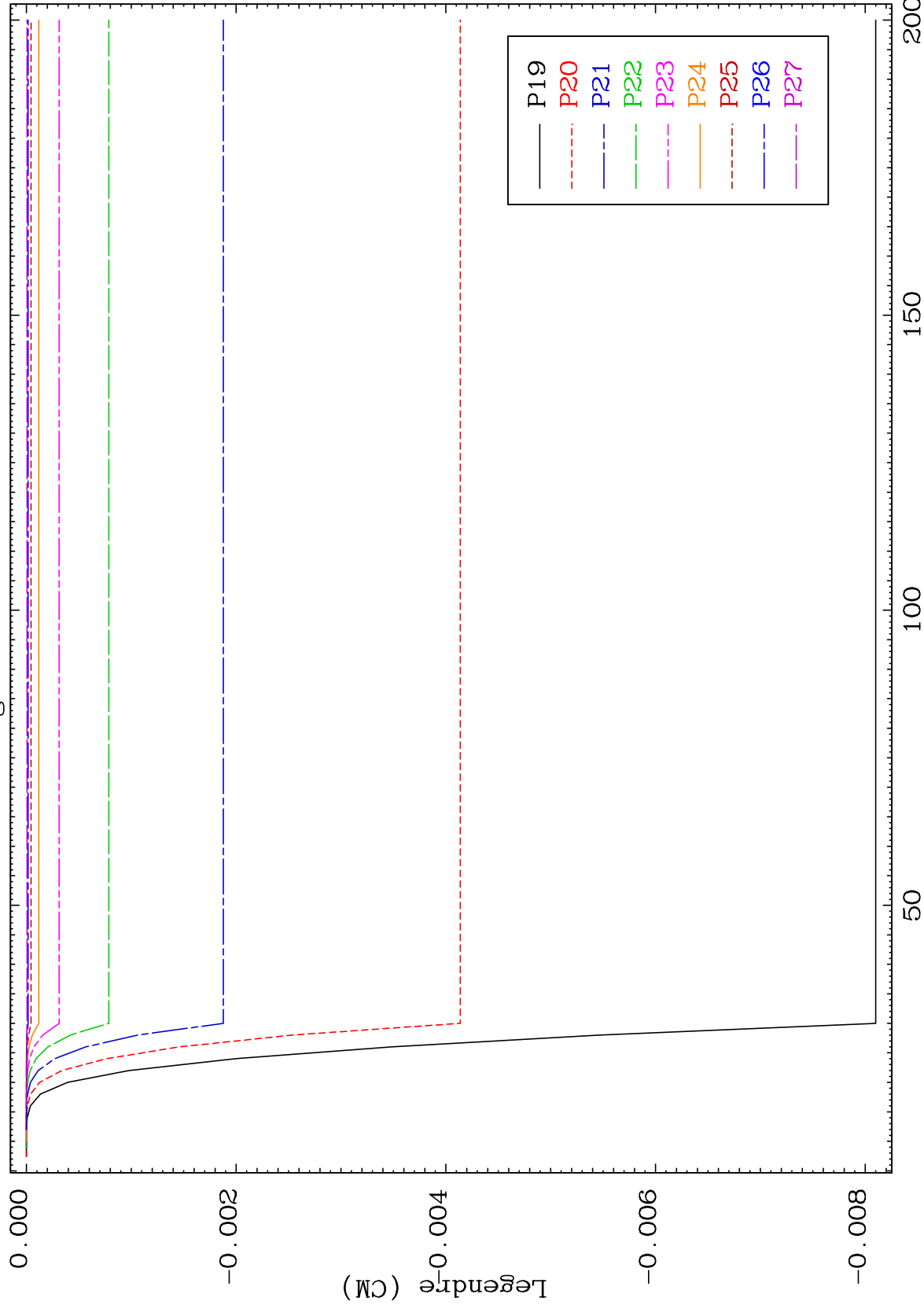
MAT 4855

MT= 80 (n, n') Level
Legendre Coefficients

48-Cd-116



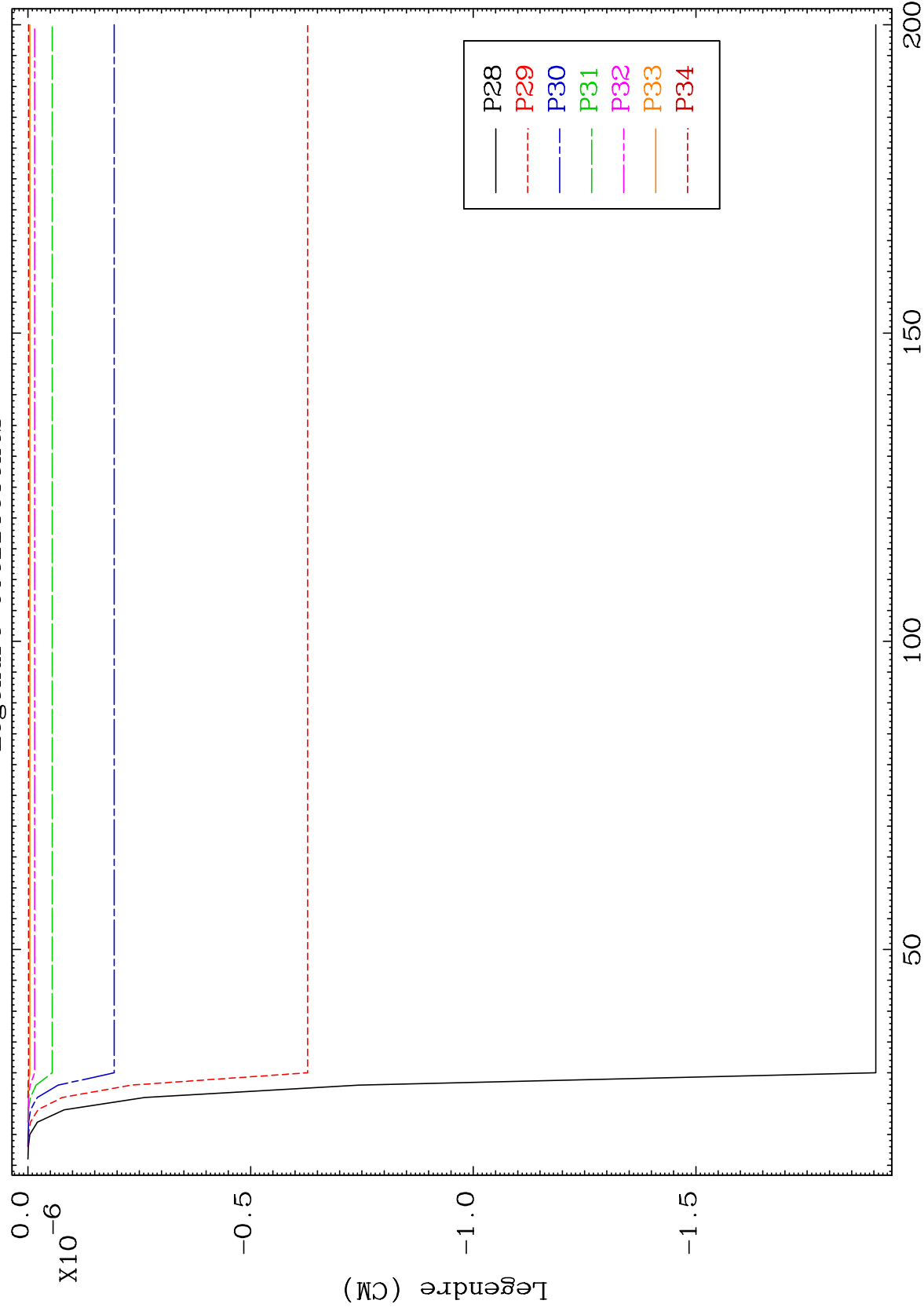




MAT 4855

MT= 80 (n, n') Level
Legendre Coefficients

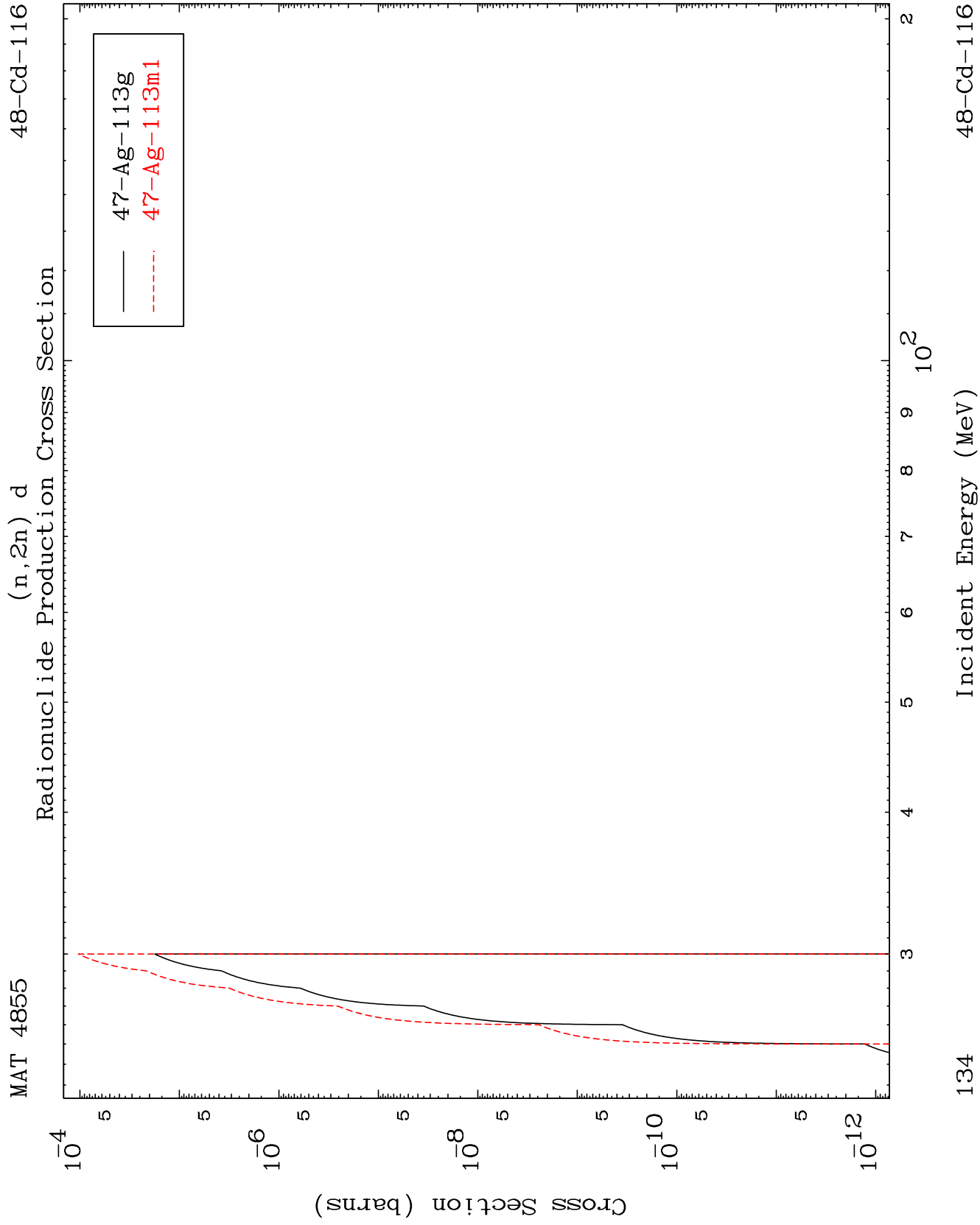
48-Cd-116

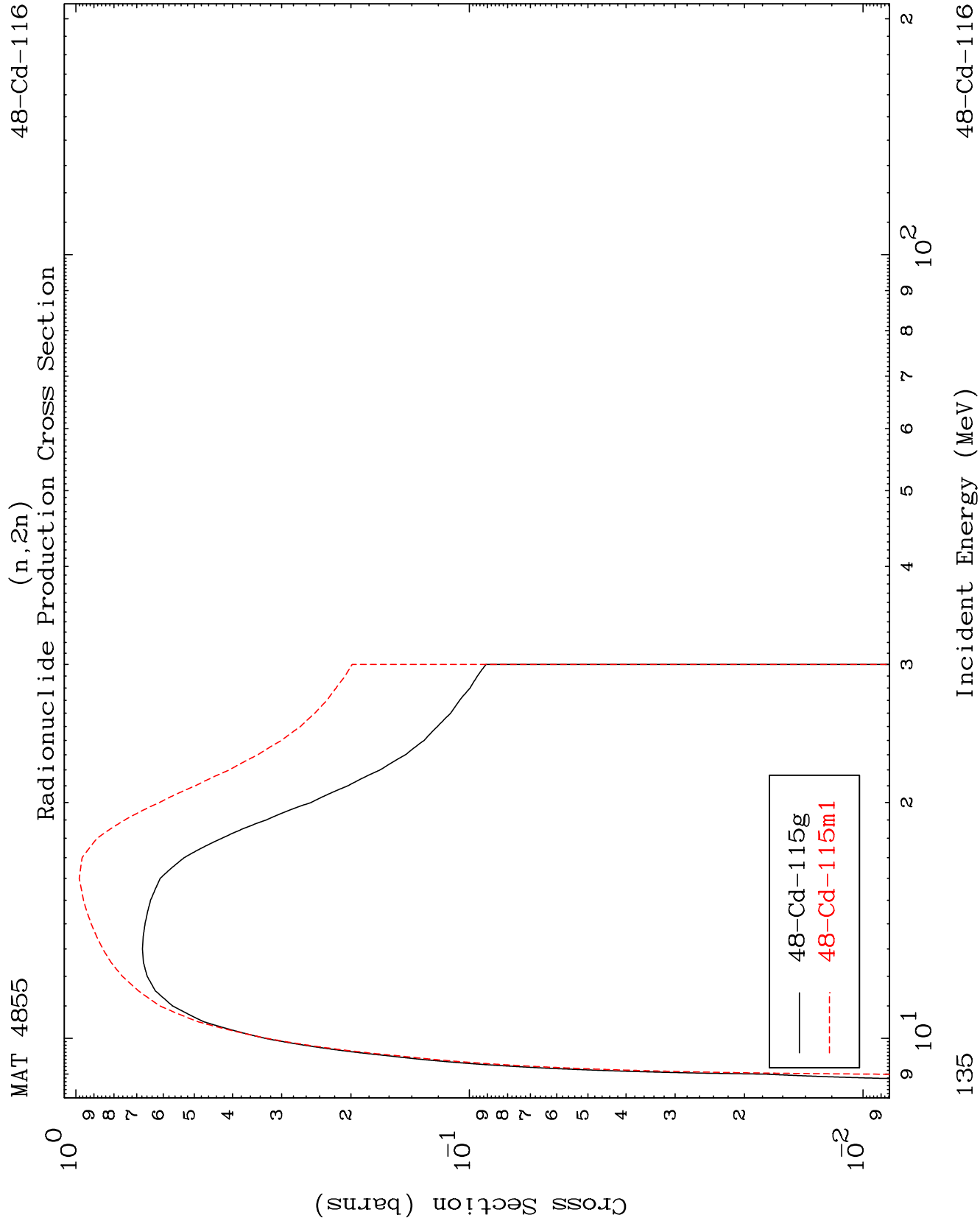


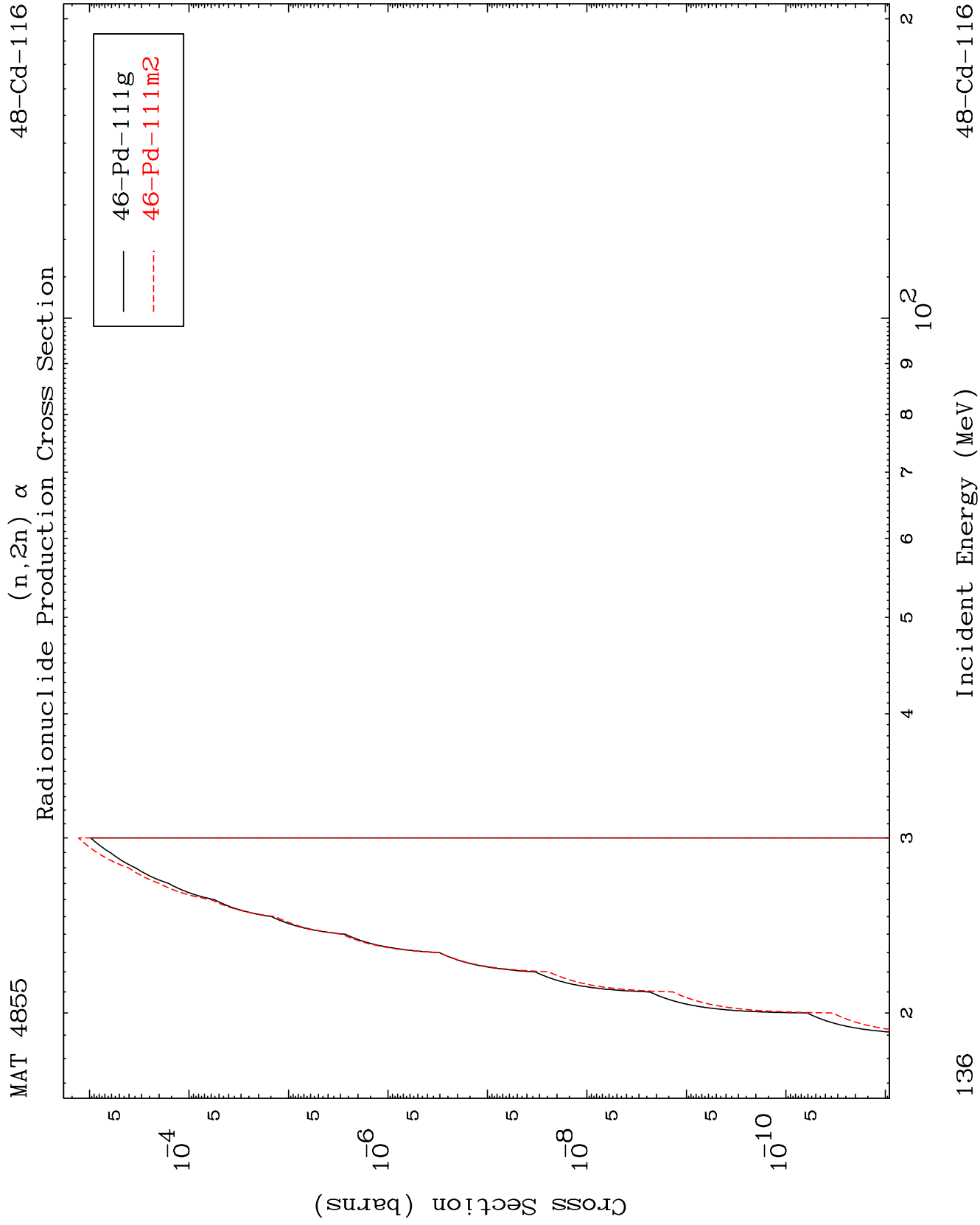
133

Incident Energy (MeV)

48-Cd-116





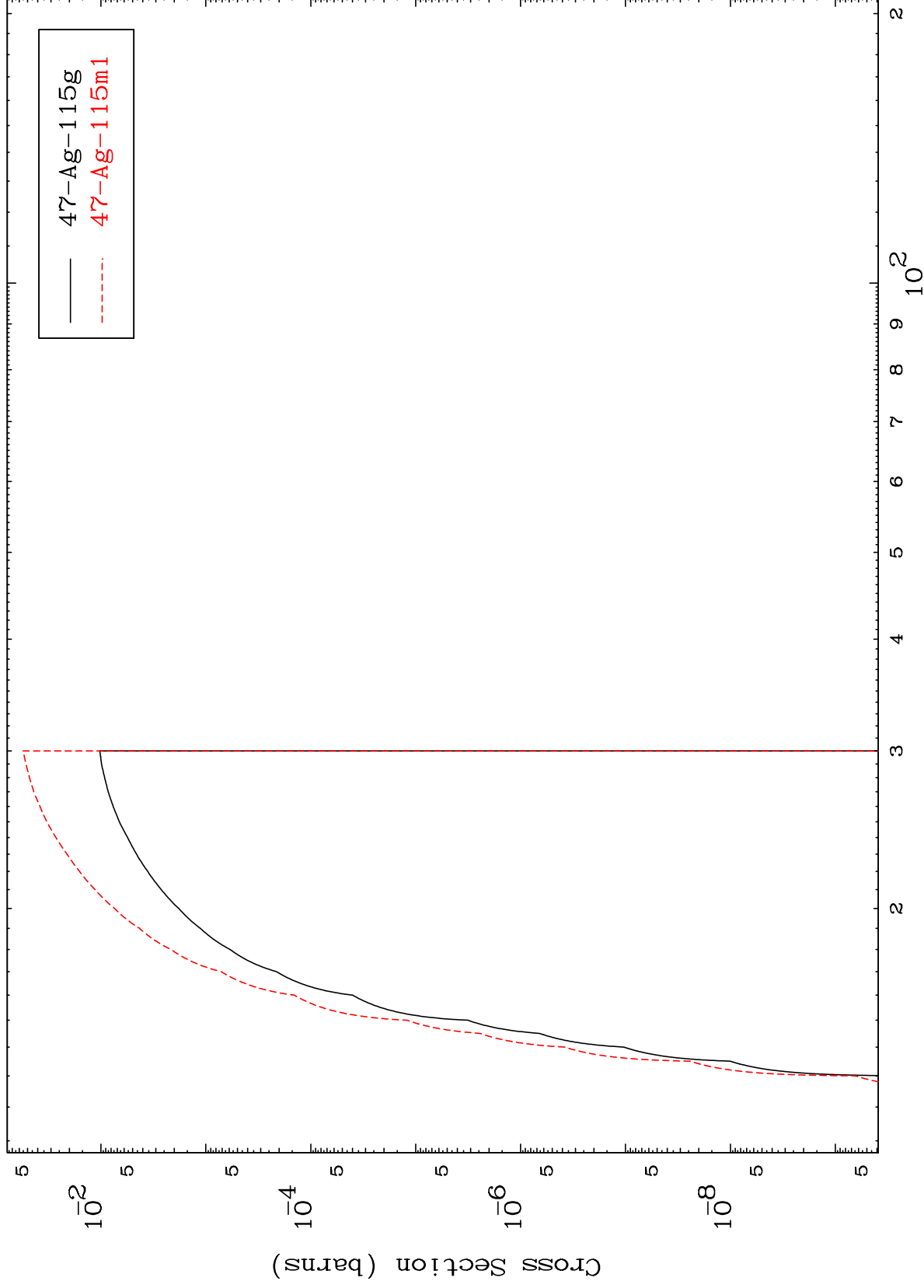


MAT 4855

(n,n') p

48-Cd-116

Radionuclide Production Cross Section



137

Incident Energy (MeV)

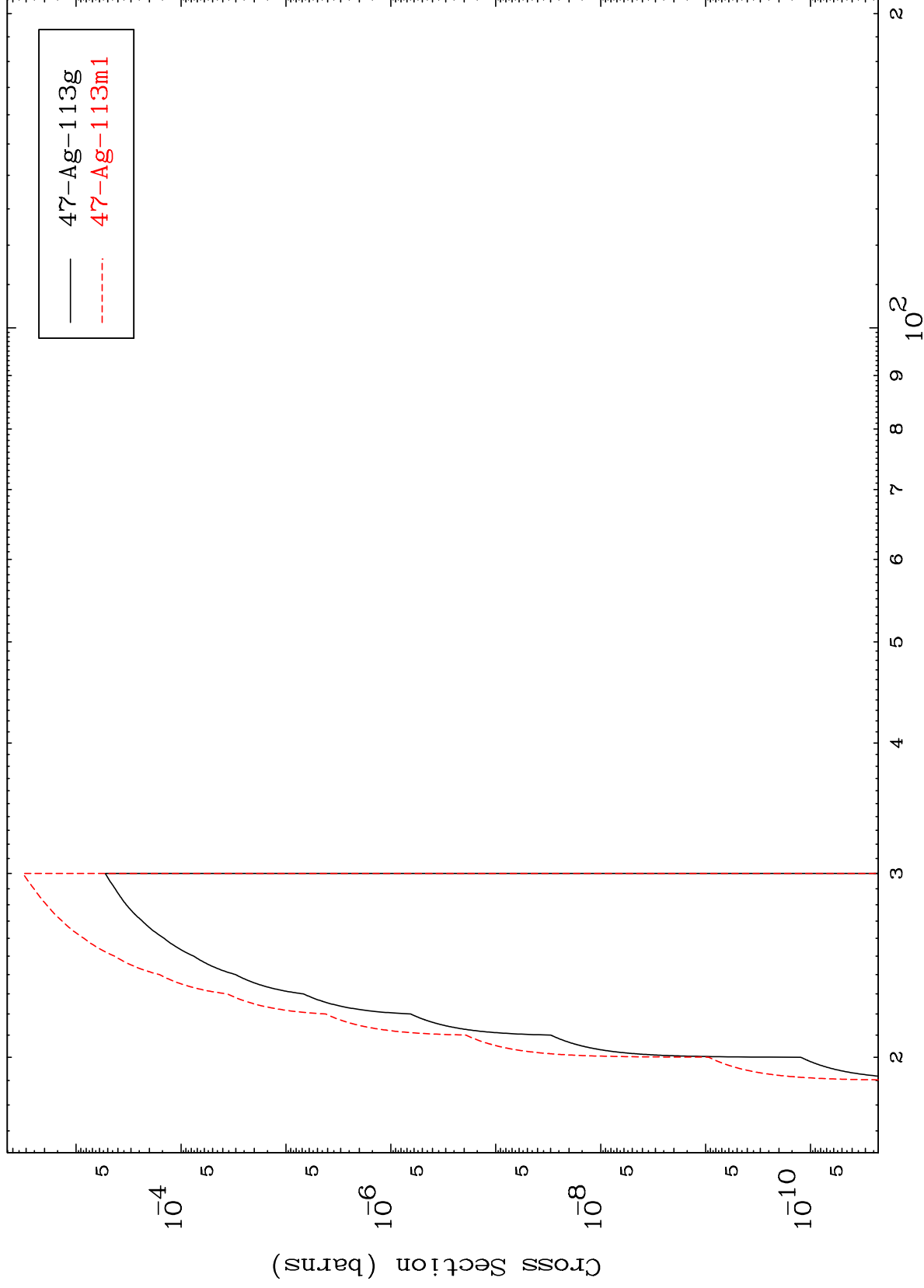
48-Cd-116

MAT 4855

(n,n') t

48-Cd-116

Radionuclide Production Cross Section



138

Incident Energy (MeV)

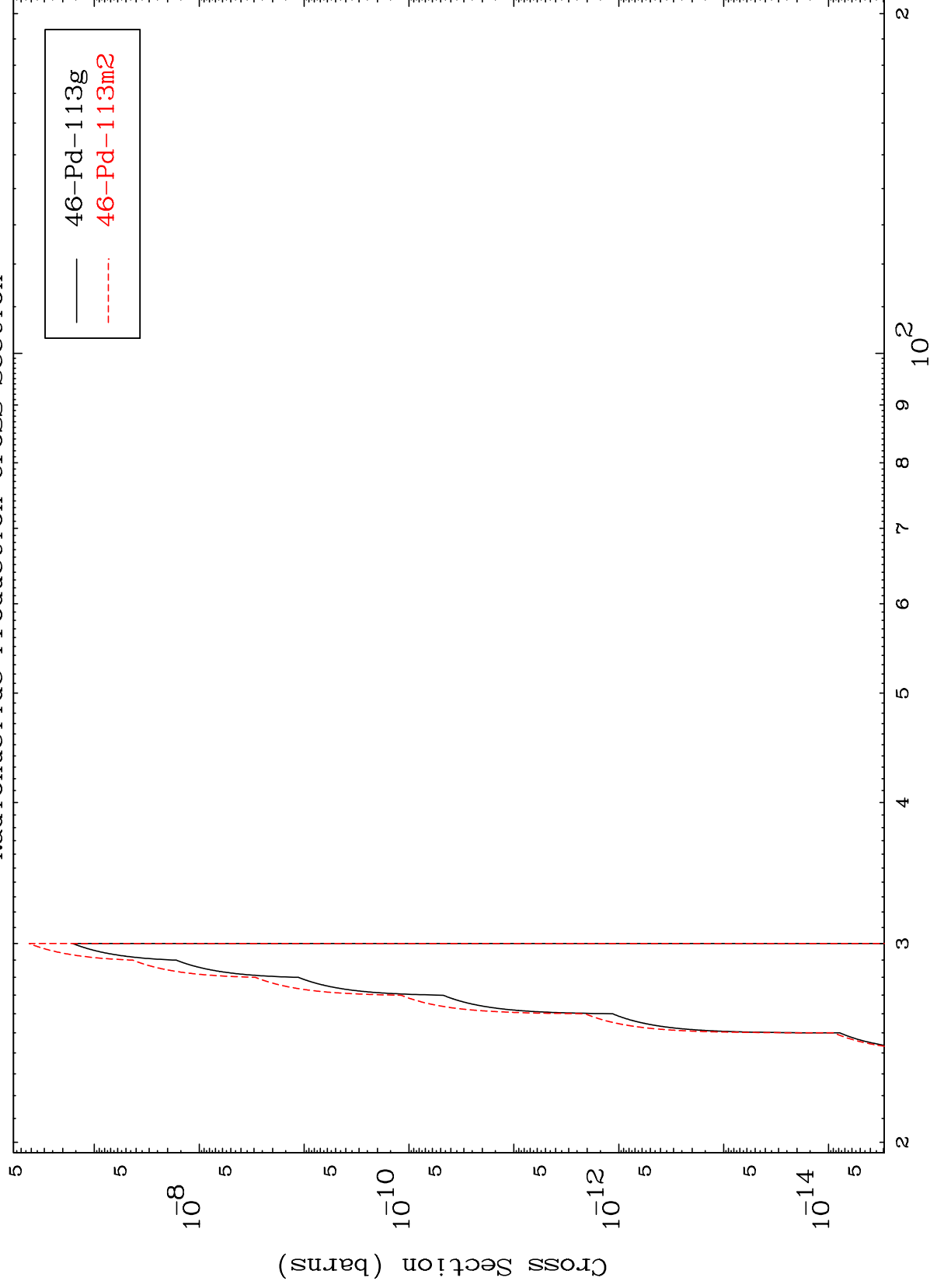
48-Cd-116

MAT 4855

(n,n') He-3

48-Cd-116

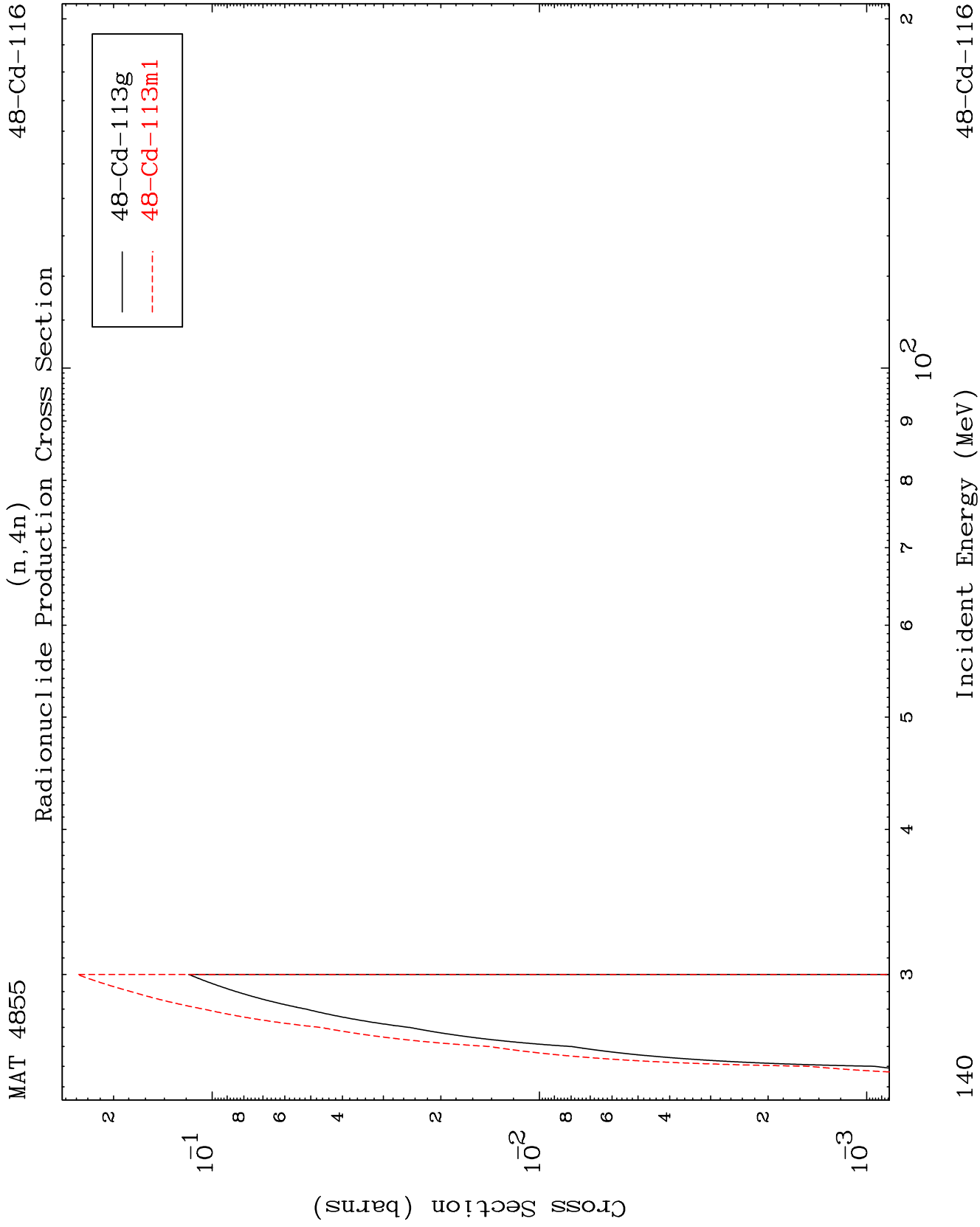
Radionuclide Production Cross Section



139

Incident Energy (MeV)

48-Cd-116

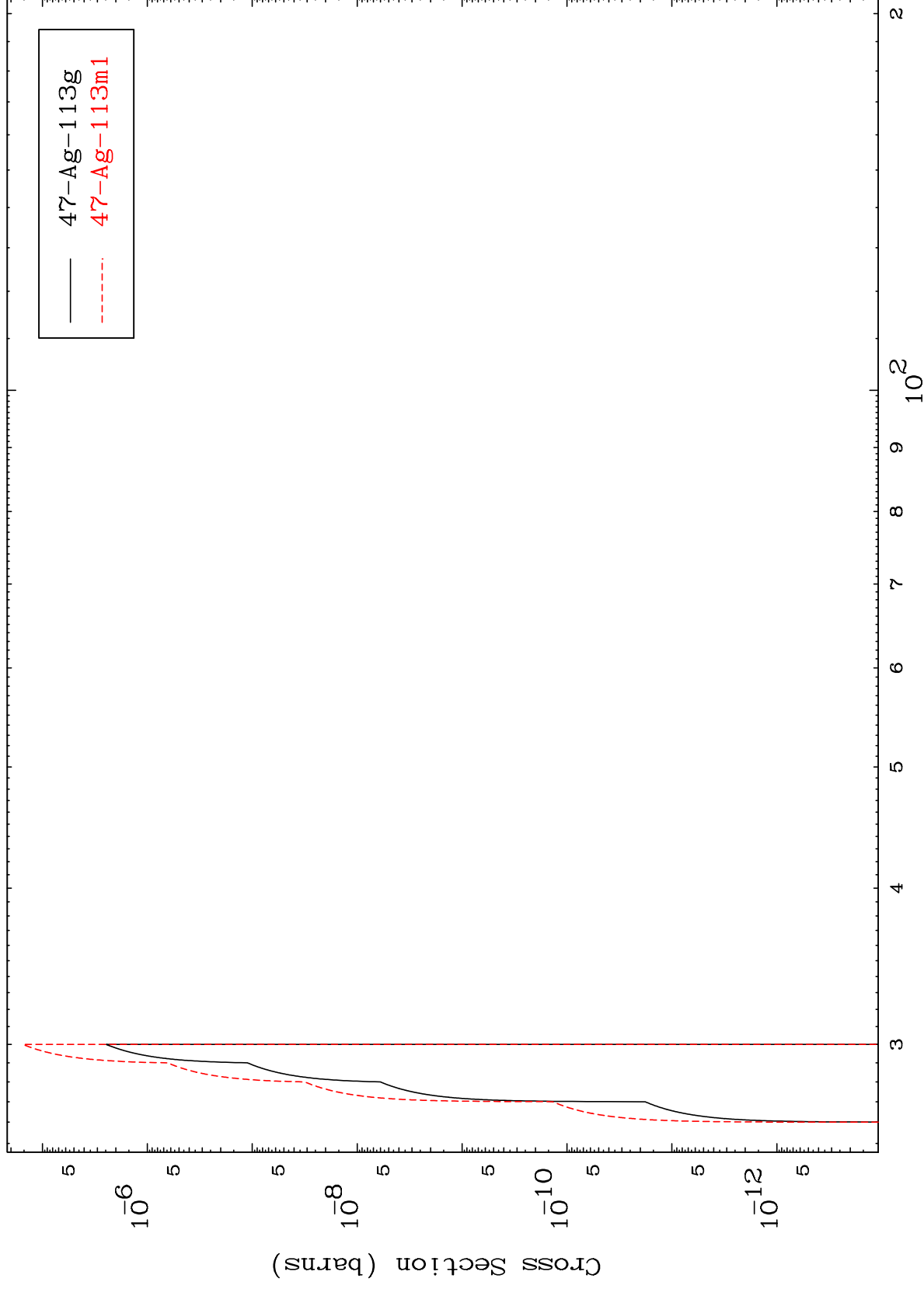


MAT 4855

(n,3n) p

48-Cd-116

Radionuclide Production Cross Section



141

Incident Energy (MeV)

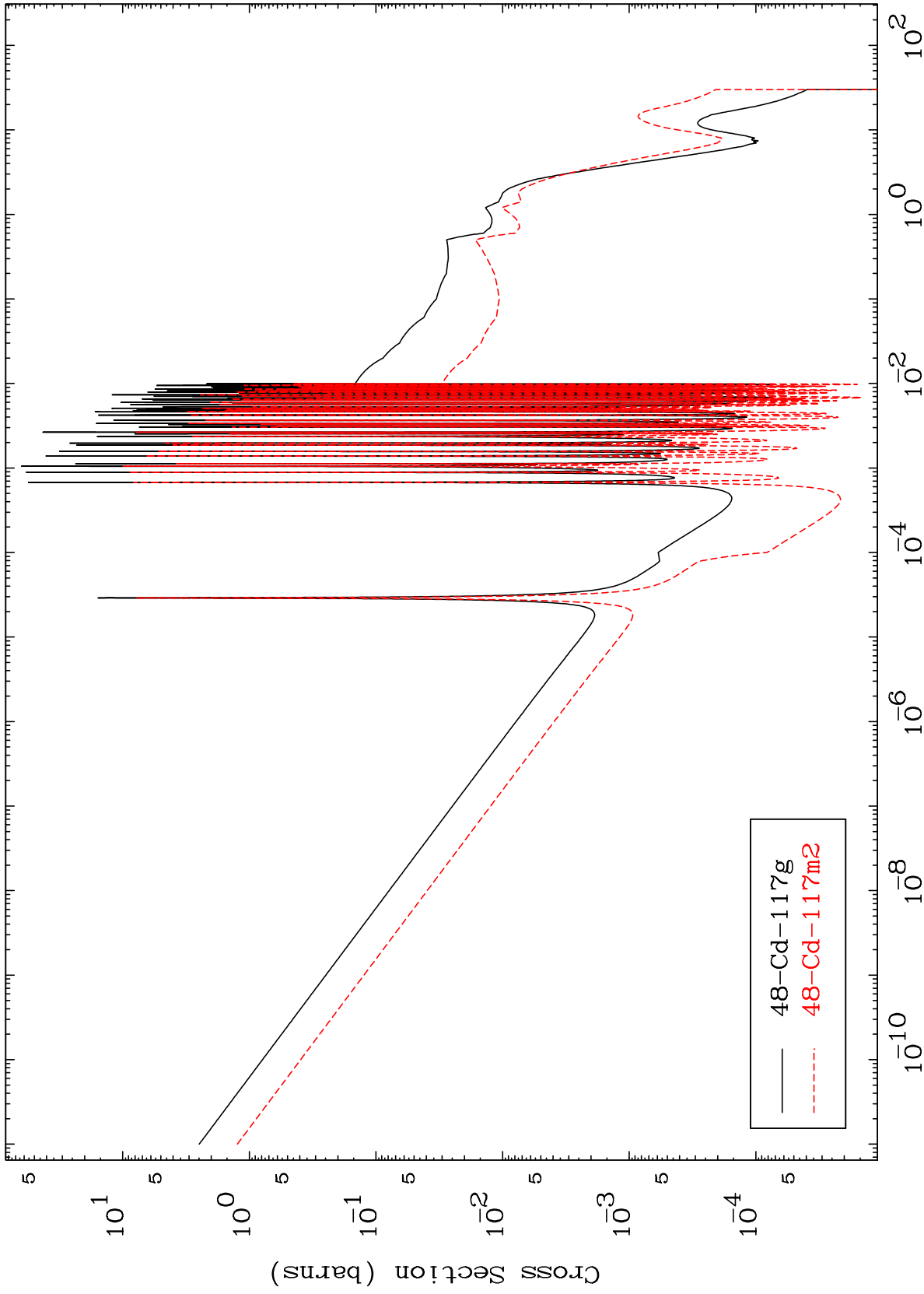
48-Cd-116

MAT 4855

(n,γ)

48-Cd-116

Radionuclide Production Cross Section



142

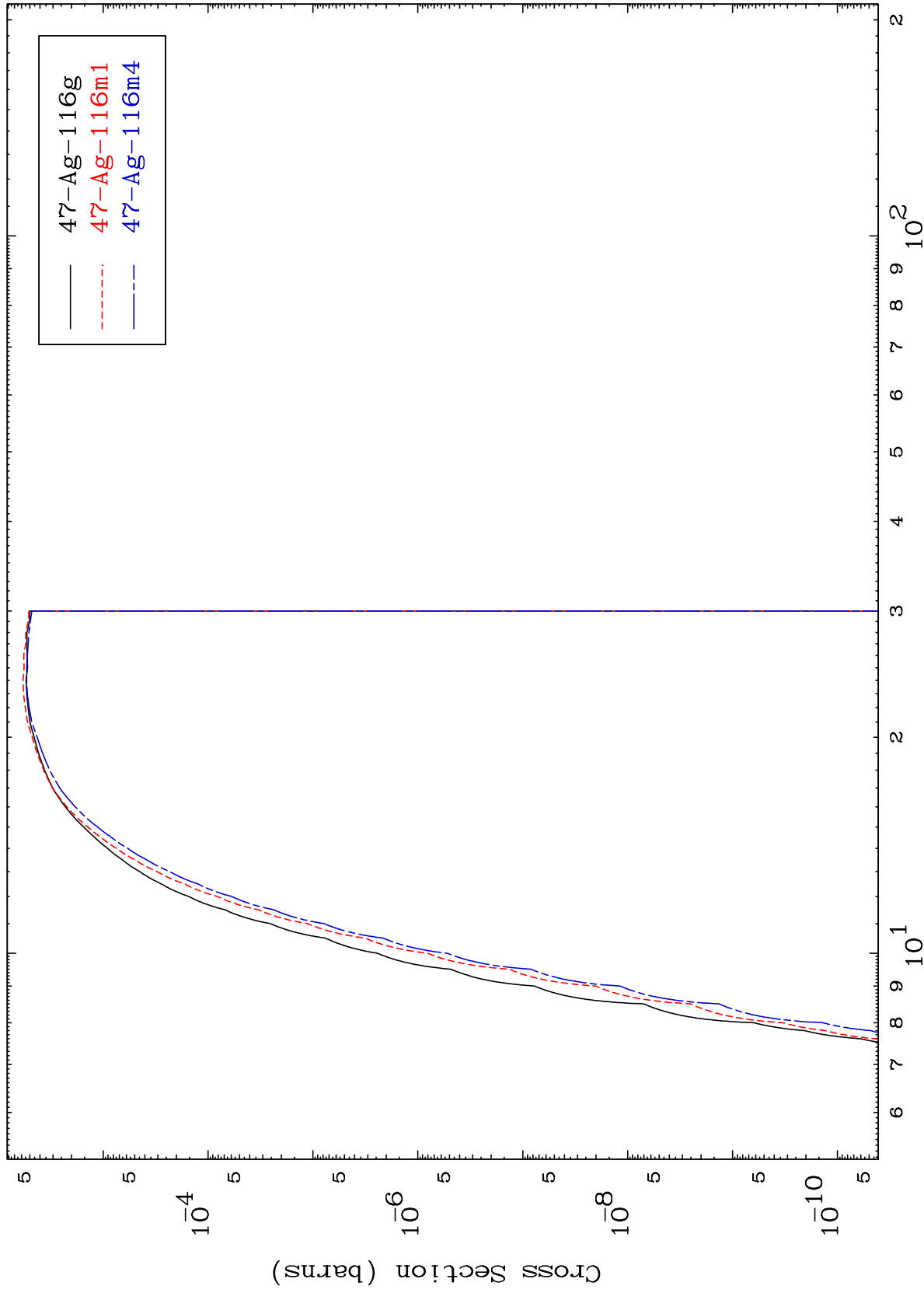
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

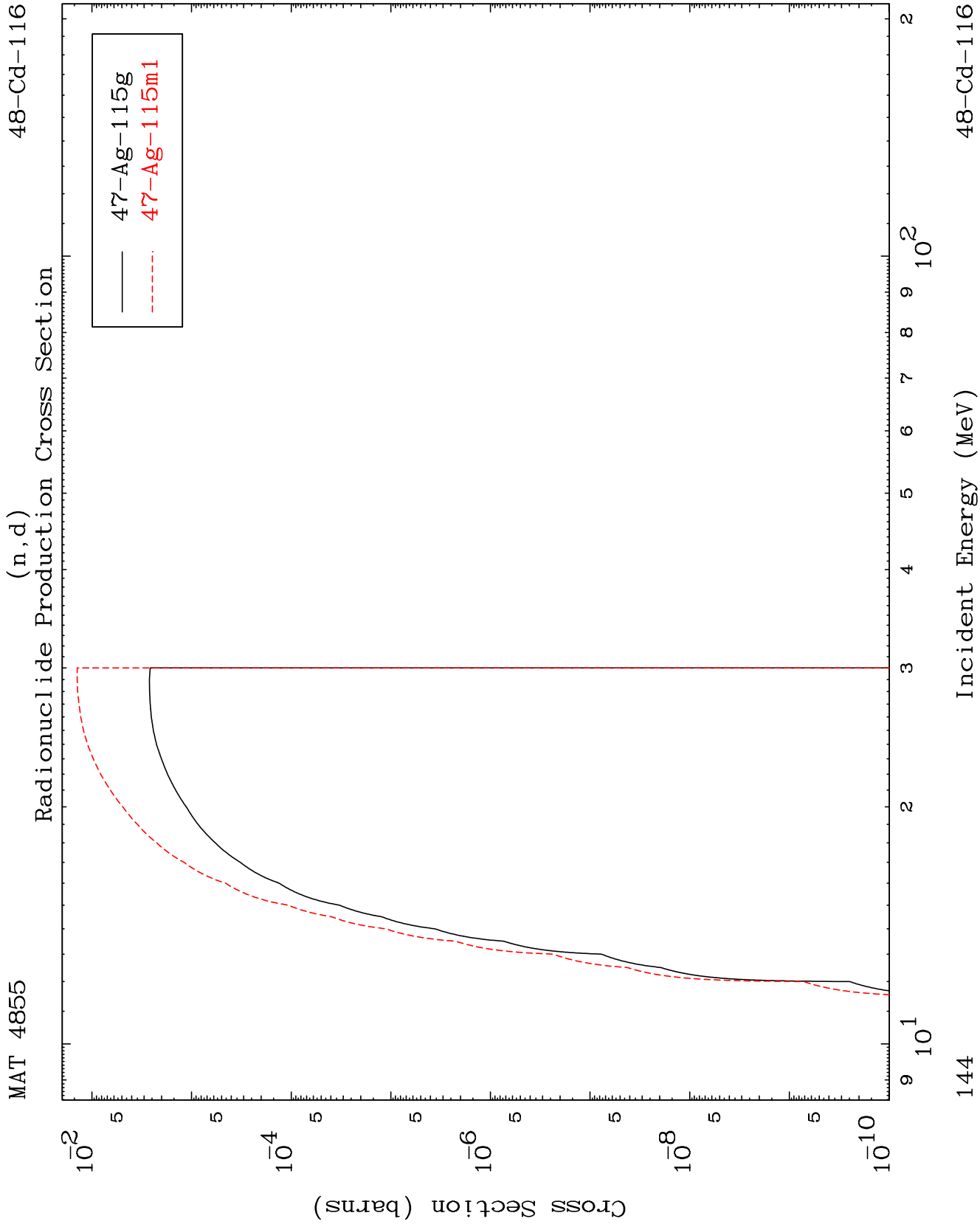
(n,p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

48-Cd-116

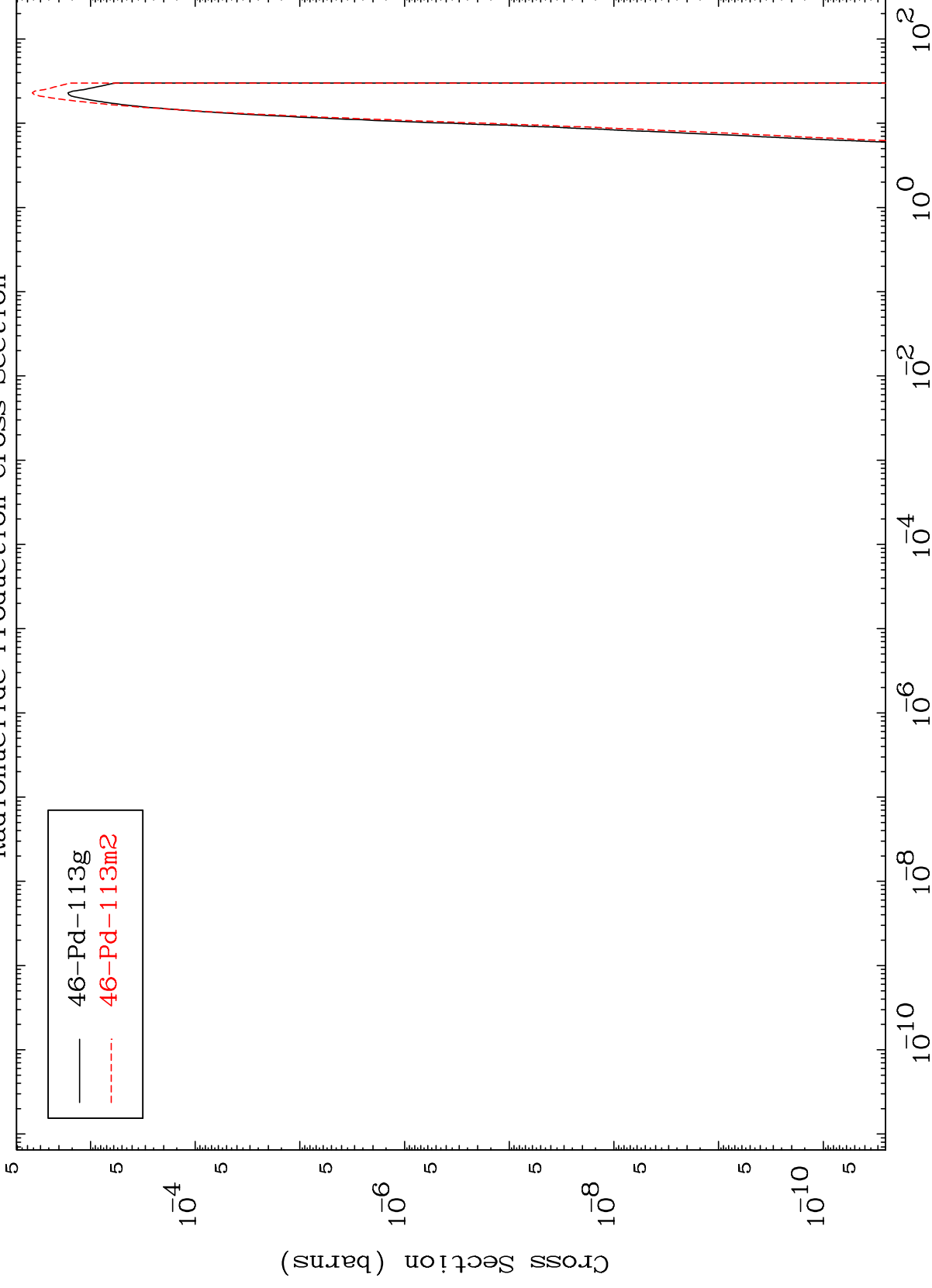


MAT 4855

 (n, α)

48-Cd-116

Radionuclide Production Cross Section



46-Pd-113g

46-Pd-113m2

145

Incident Energy (MeV)

48-Cd-116

