

Program EVALPLOT
(Version 2017-1)

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

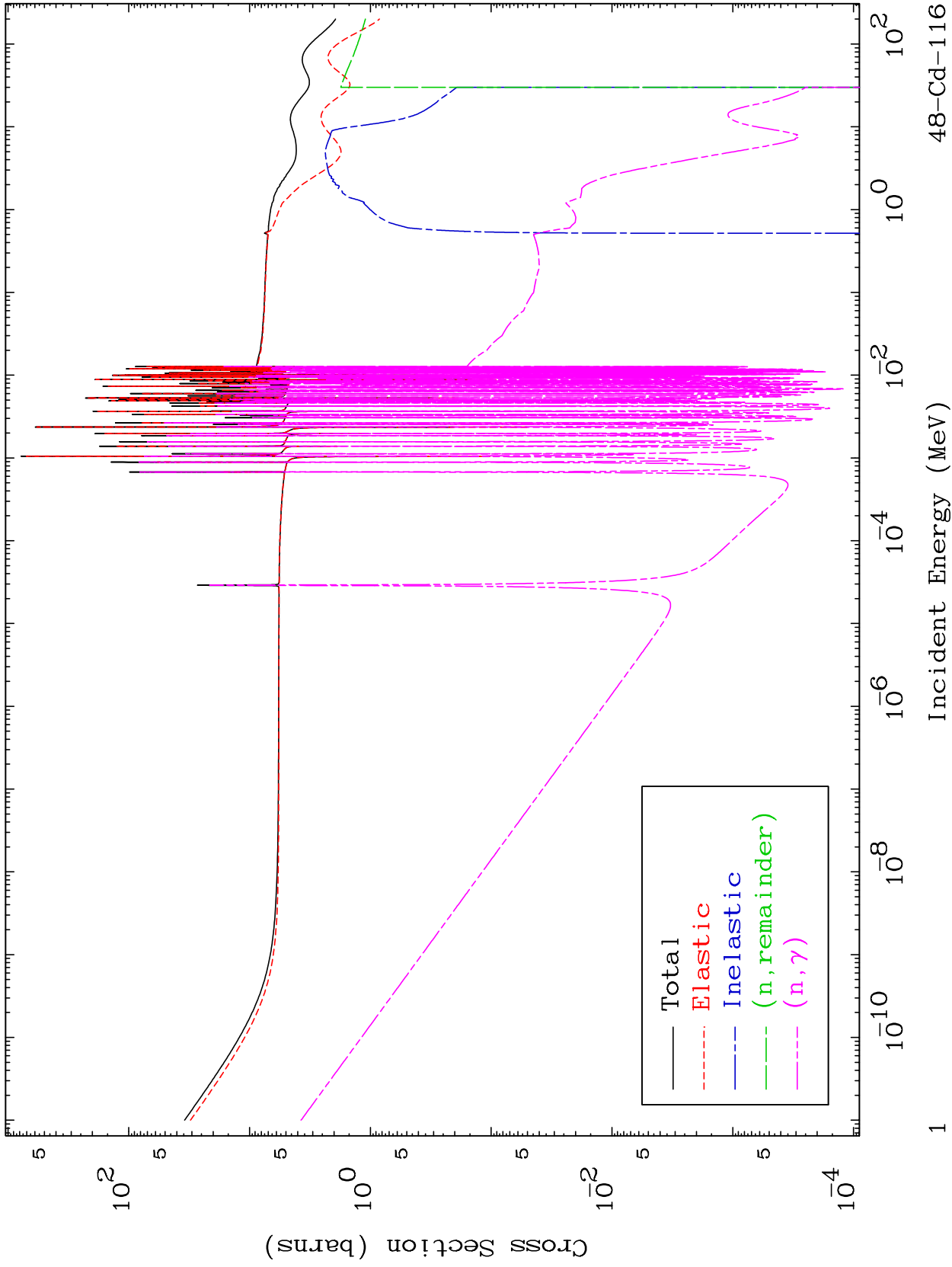
Press Mouse Button to Start

MAT 4855

Major

293 Kelvin Cross Sections

48-Cd-116



1

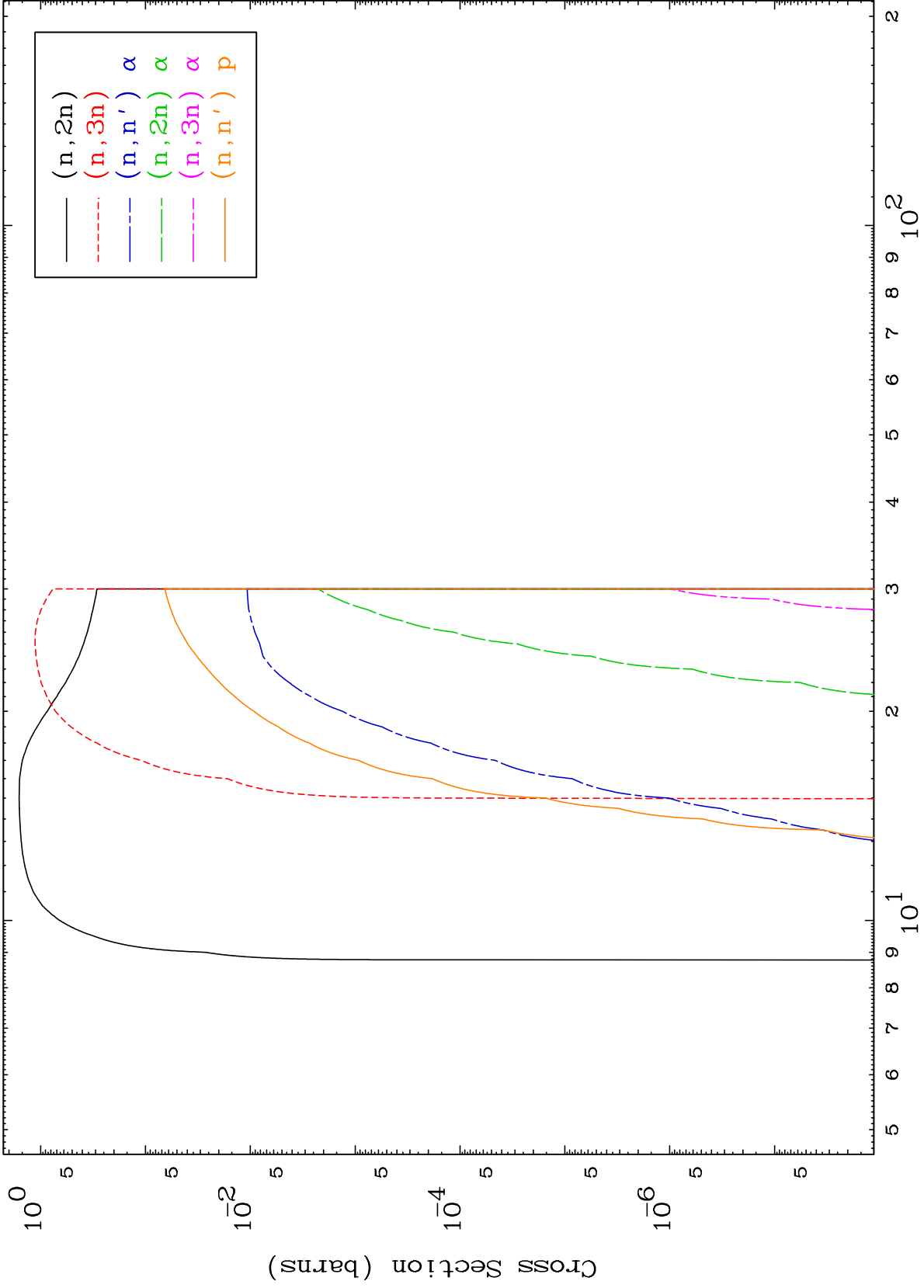
Incident Energy (MeV)

48-Cd-116

MAT 4855

Neutron Production
293 Kelvin Cross Sections

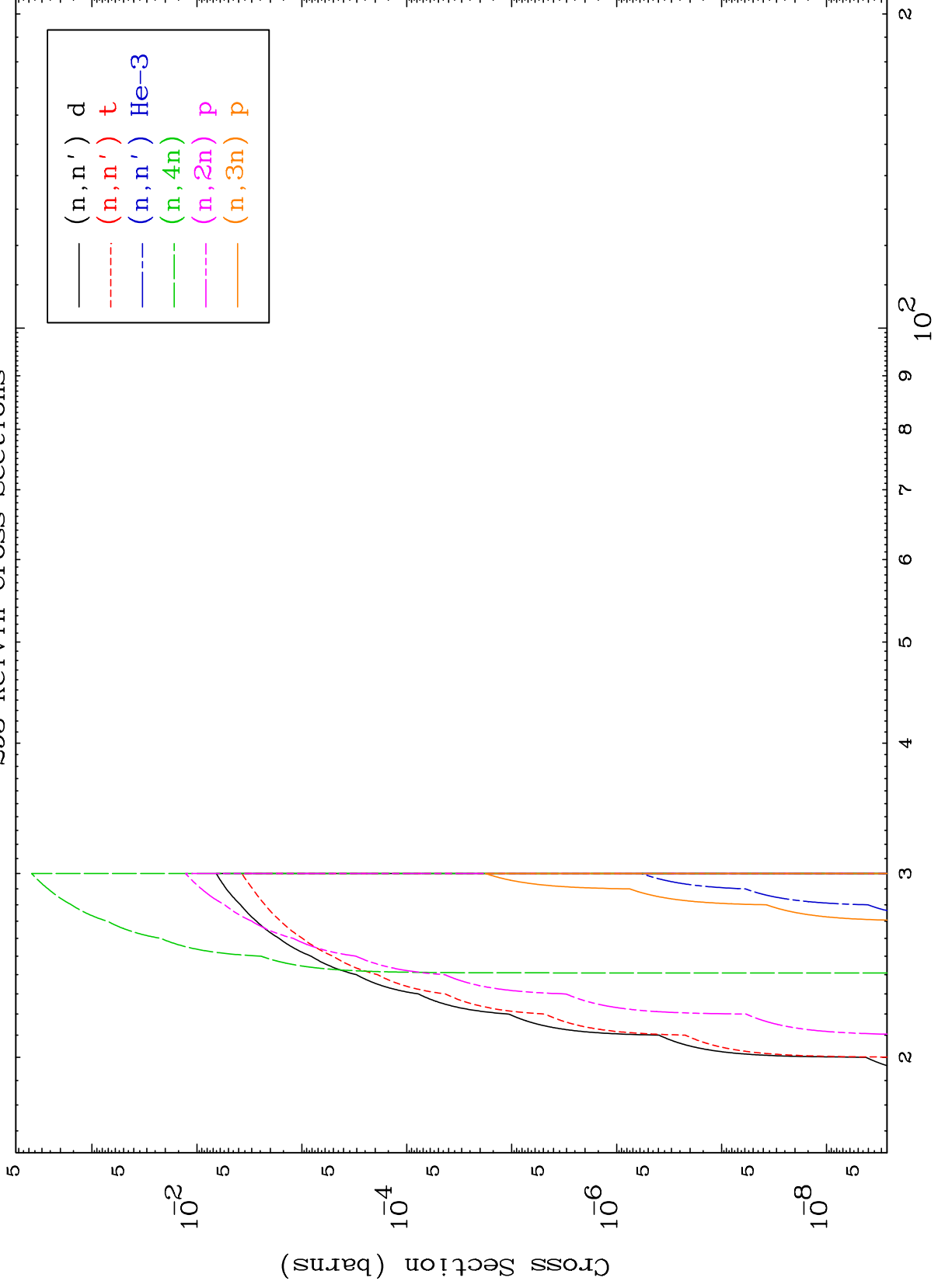
48-Cd-116



2

Incident Energy (MeV)

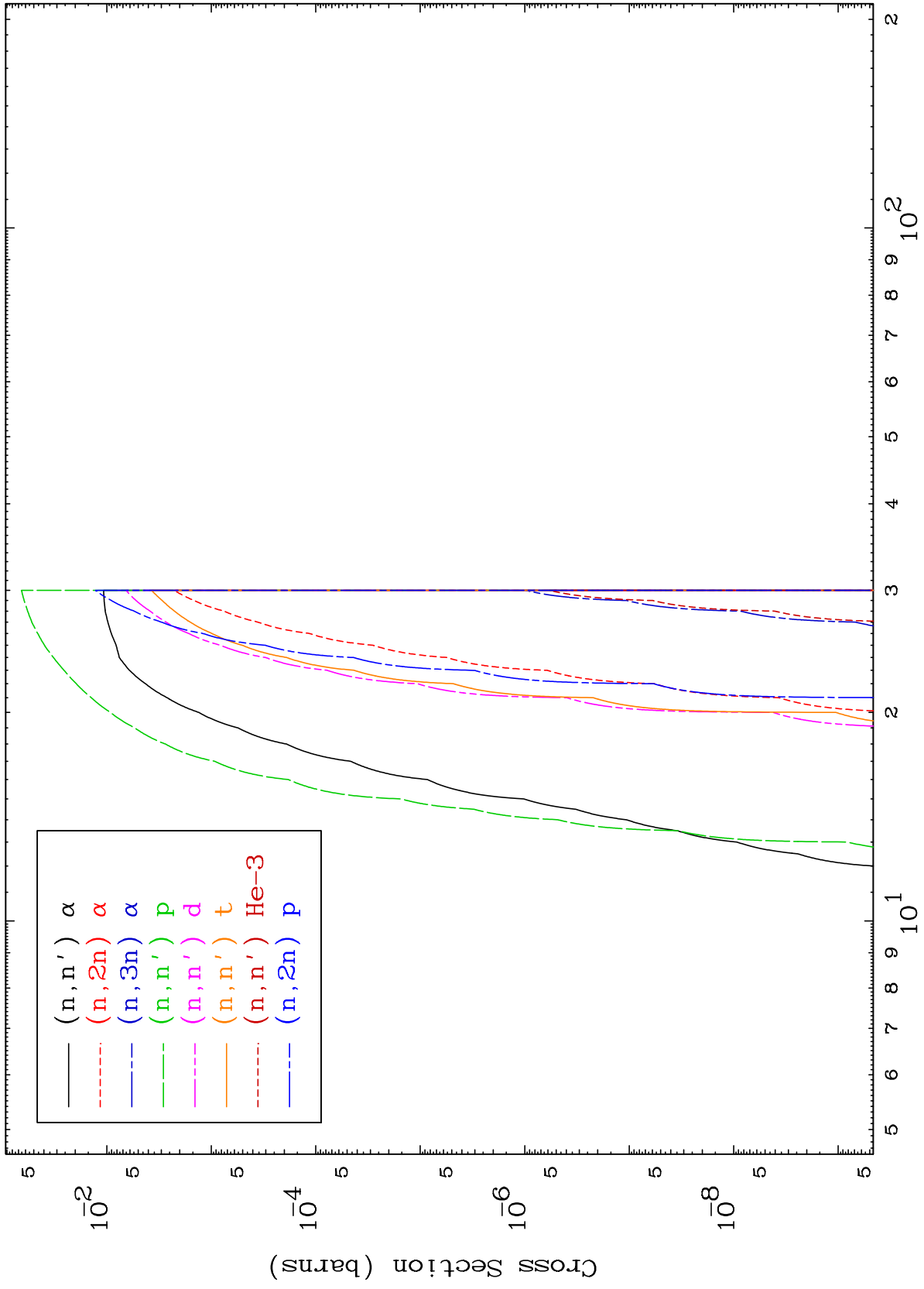
48-Cd-116



MAT 4855

Charged Particle
293 Kelvin Cross Sections

48-Cd-116



4

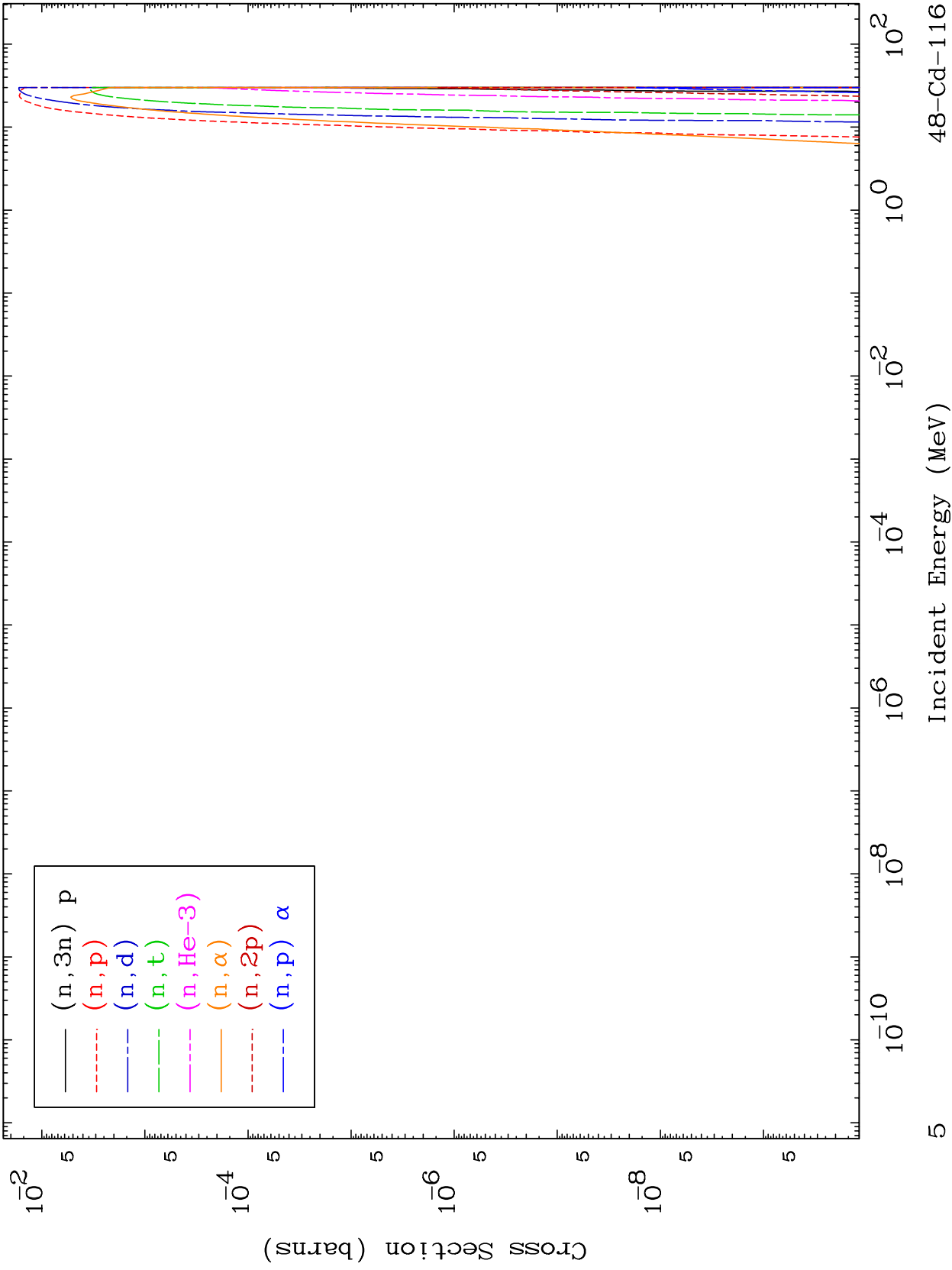
Incident Energy (MeV)

48-Cd-116

MAT 4855

Charged Particle
293 Kelvin Cross Sections

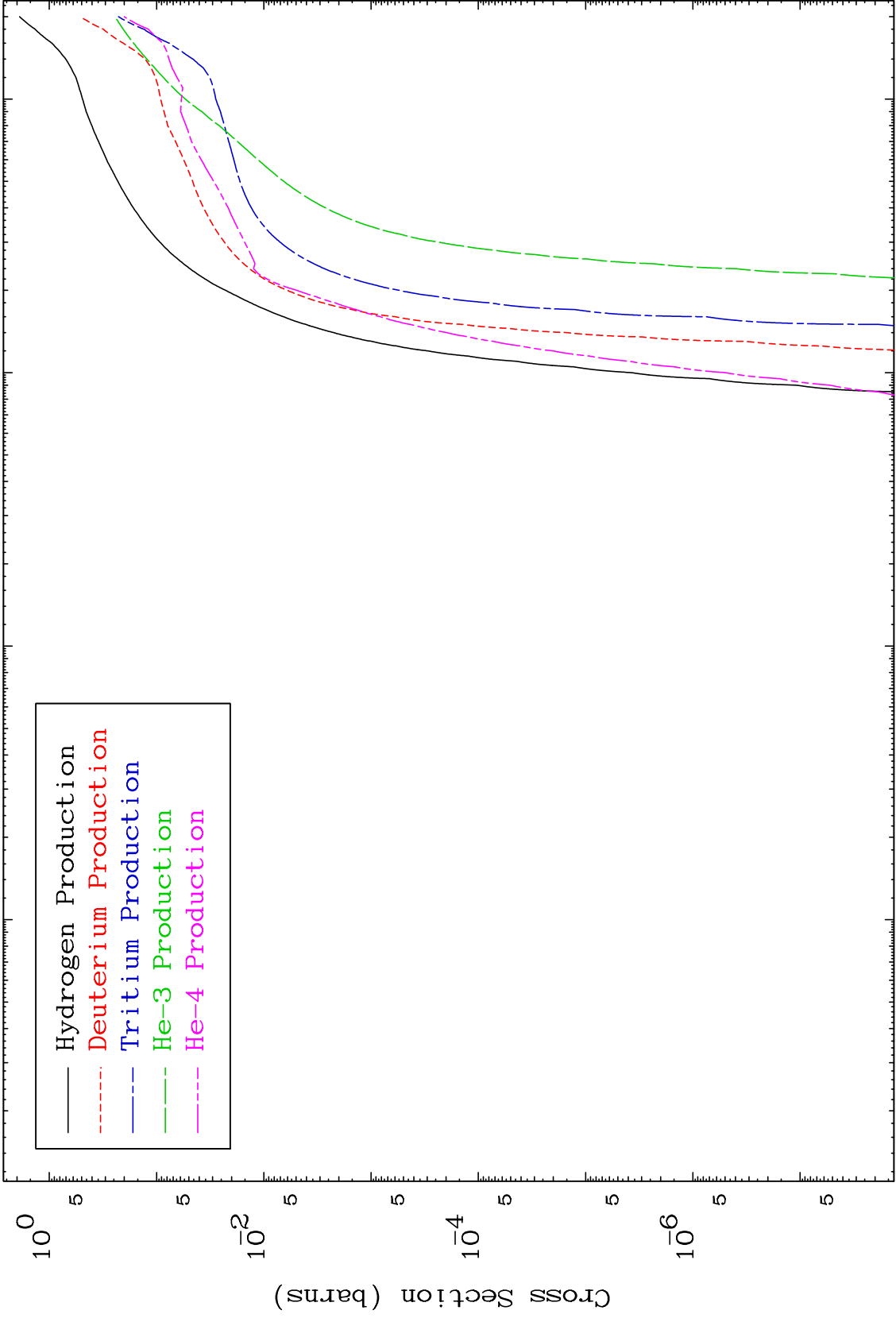
48-Cd-116



MAT 4855

Particle Production
293 Kelvin Cross Sections

48-Cd-116

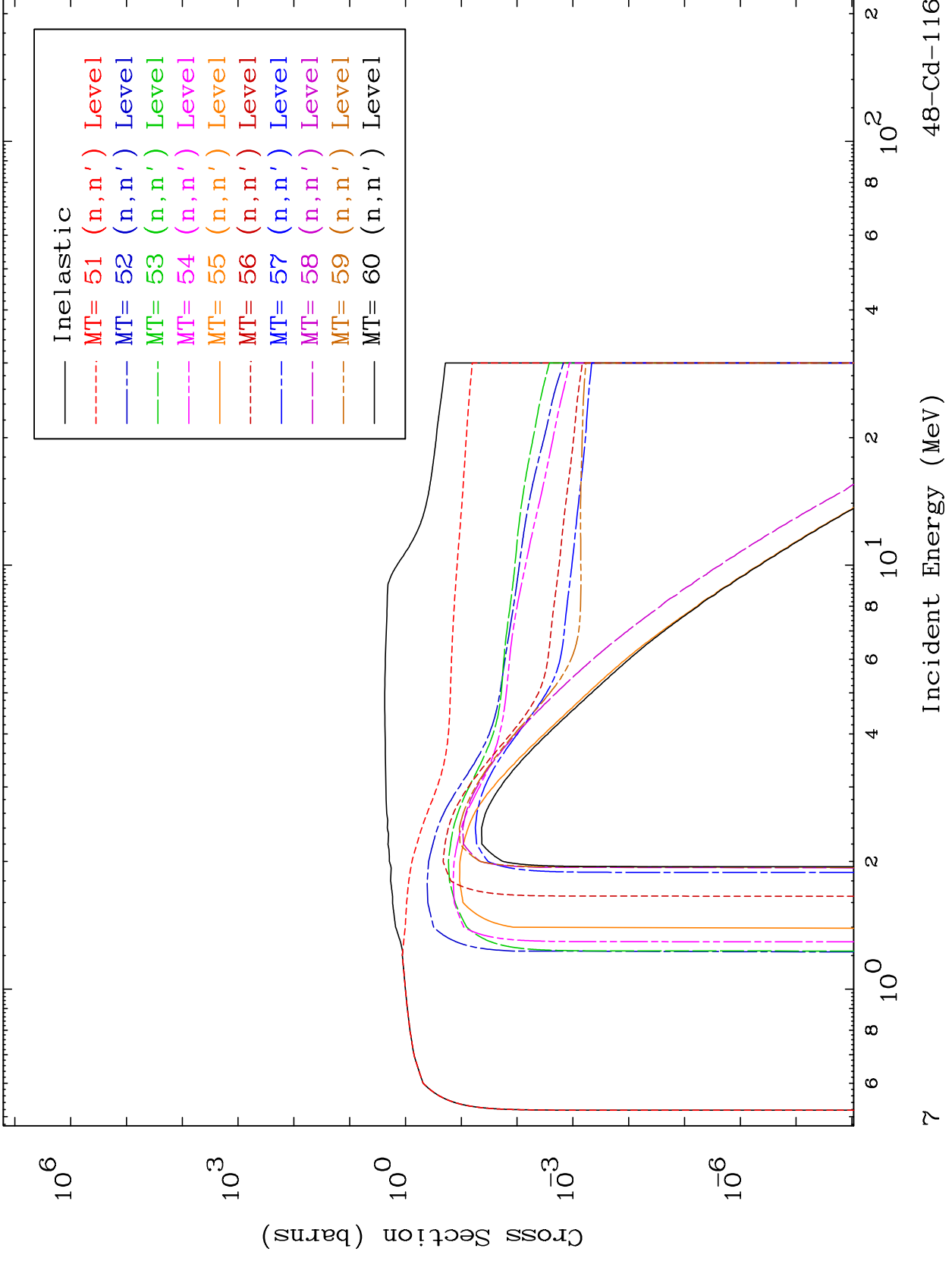


MAT 4855

(n,n') Level

48-Cd-116

293 Kelvin Cross Sections

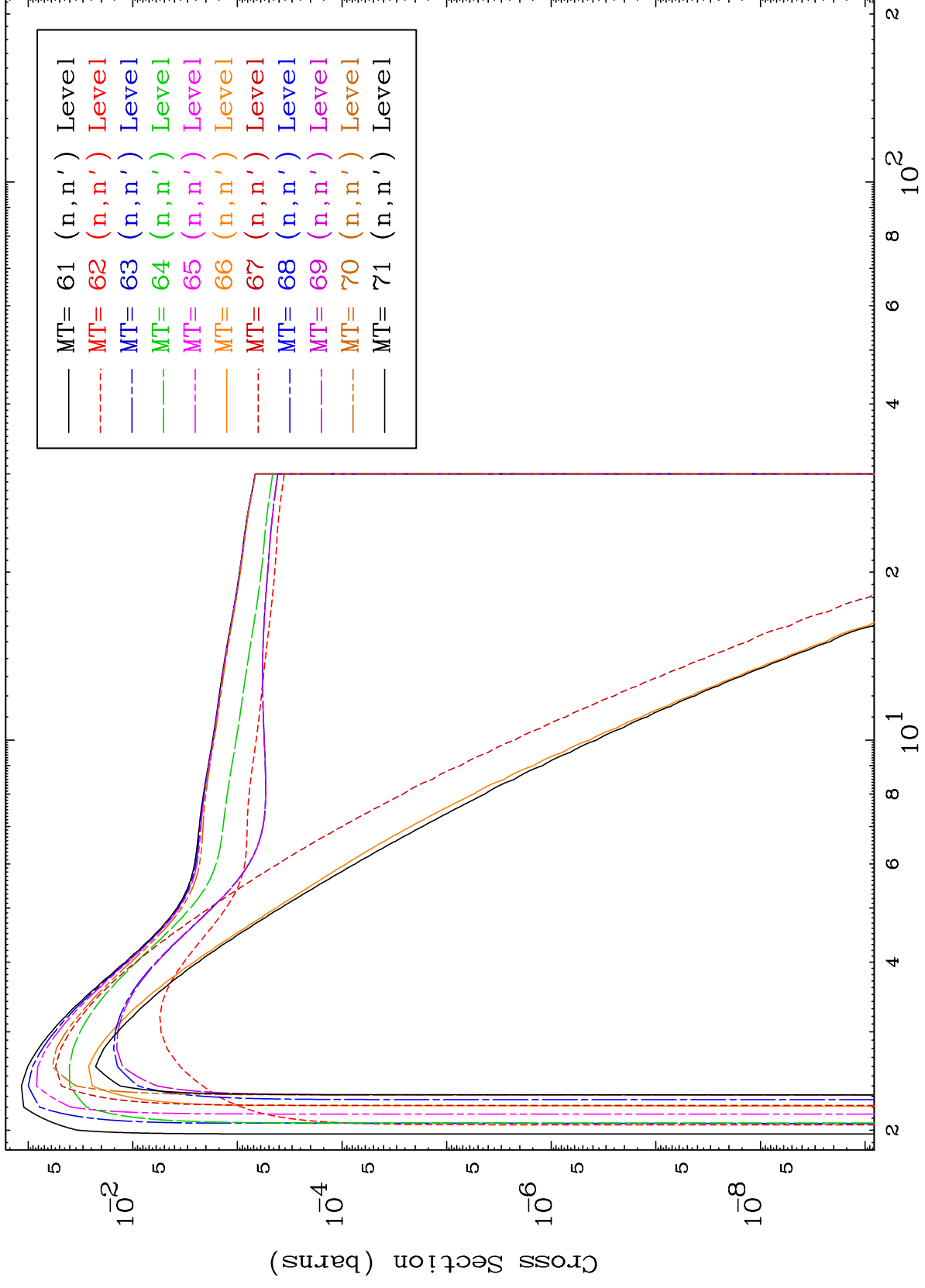


MAT 4855

(n,n') Level

48-Cd-116

293 Kelvin Cross Sections



8

Incident Energy (MeV)

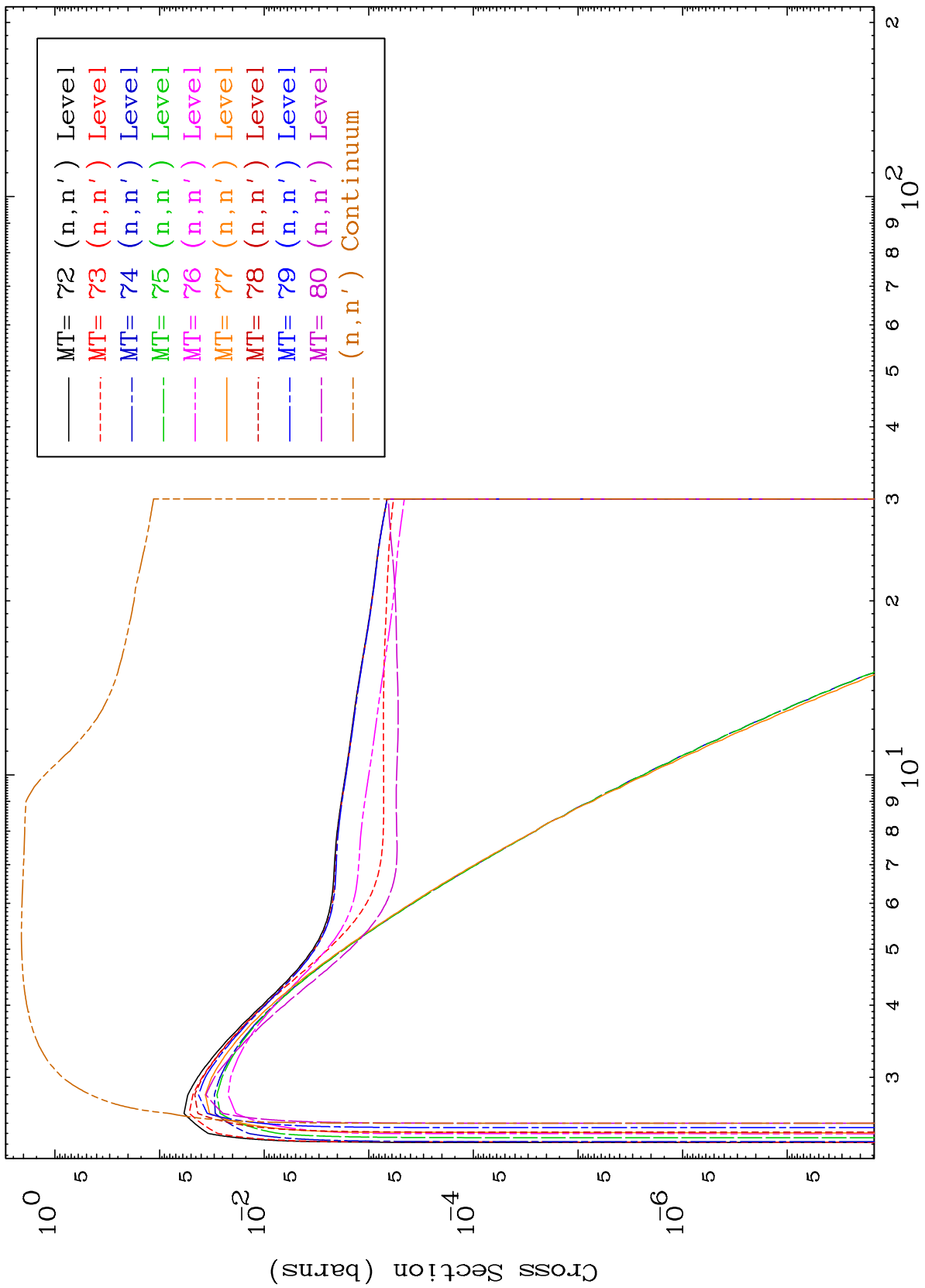
48-Cd-116

MAT 4855

(n,n') Level

48-Cd-116

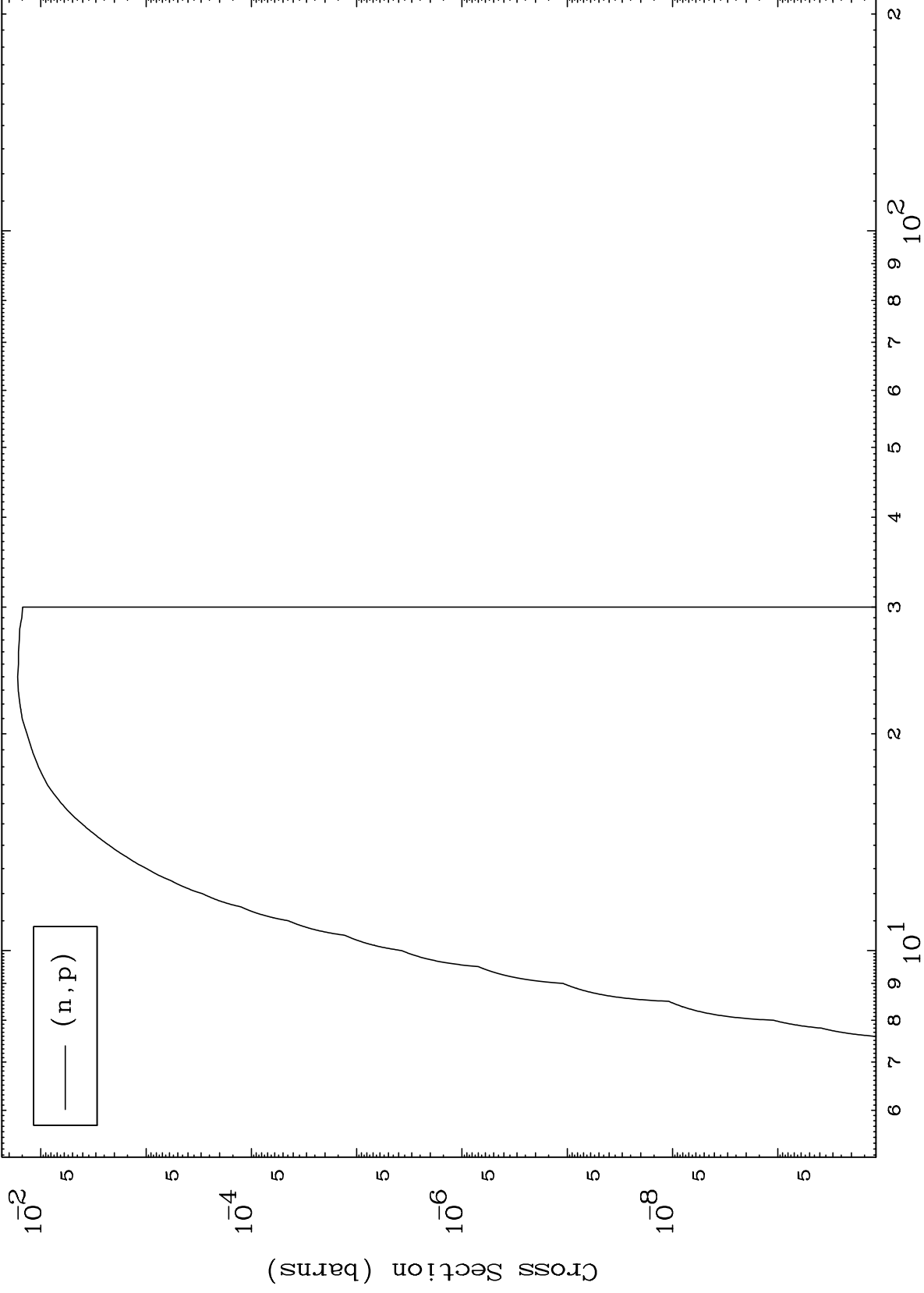
293 Kelvin Cross Sections



MAT 4855

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-116



10

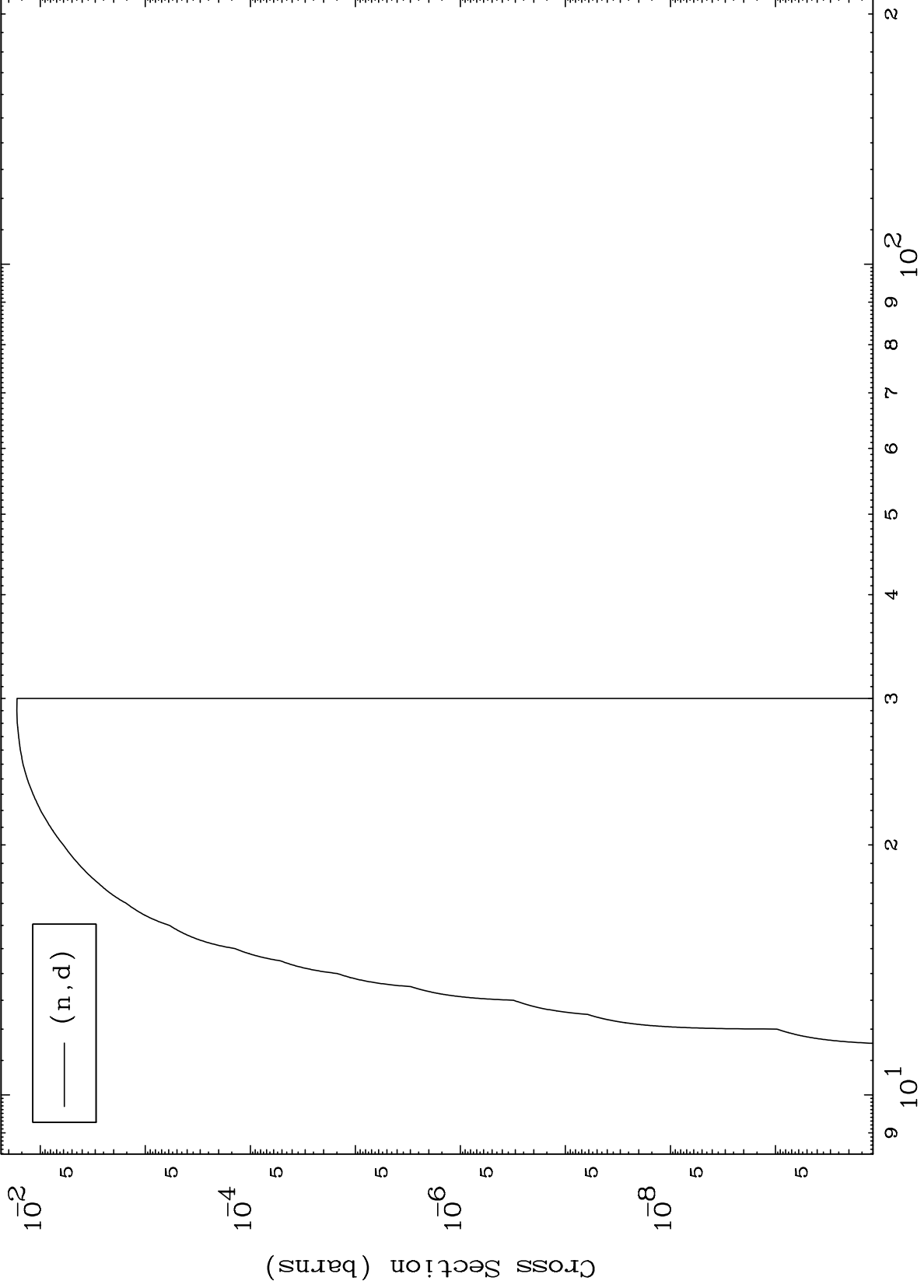
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-116



11

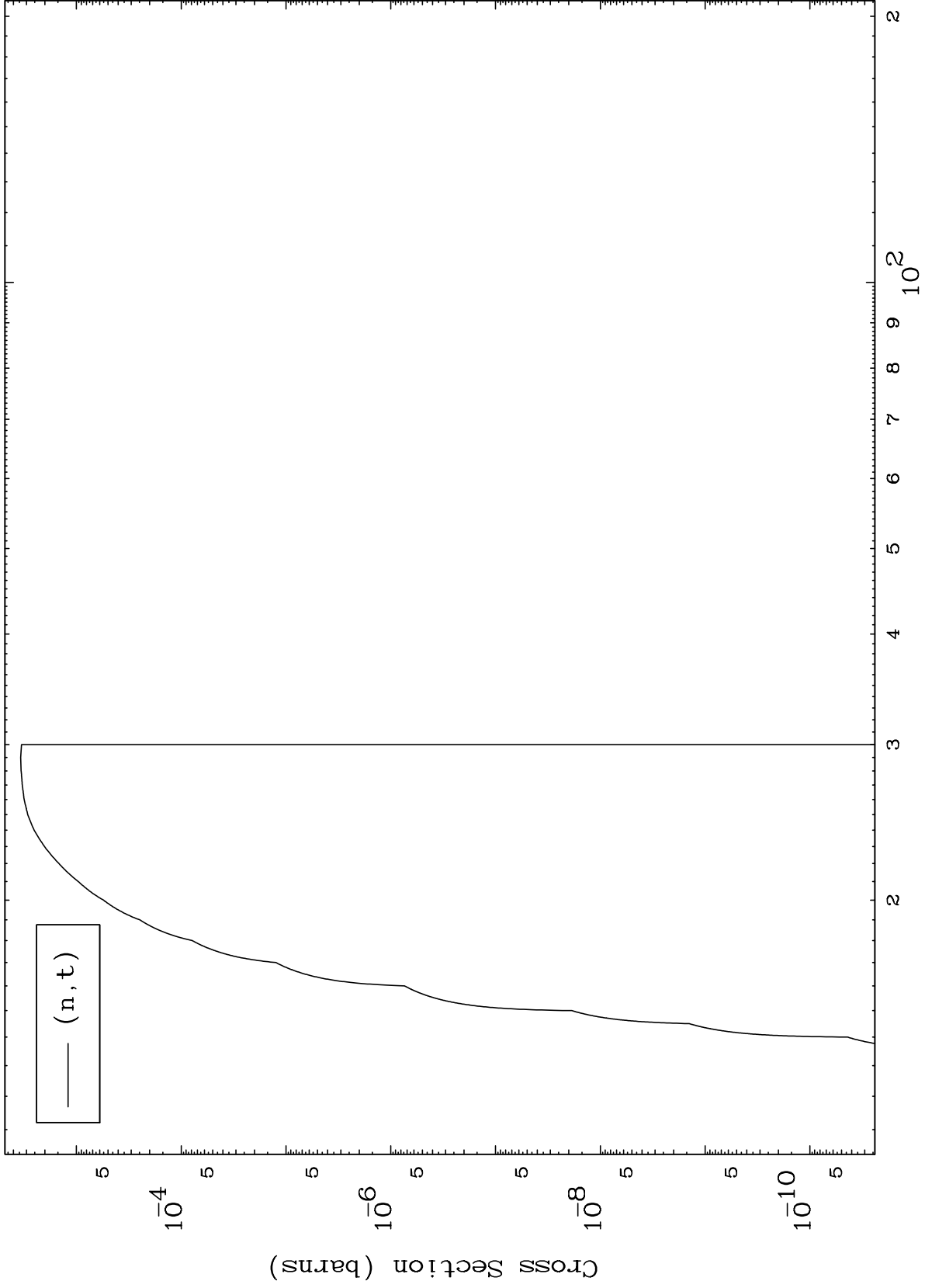
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-116



12

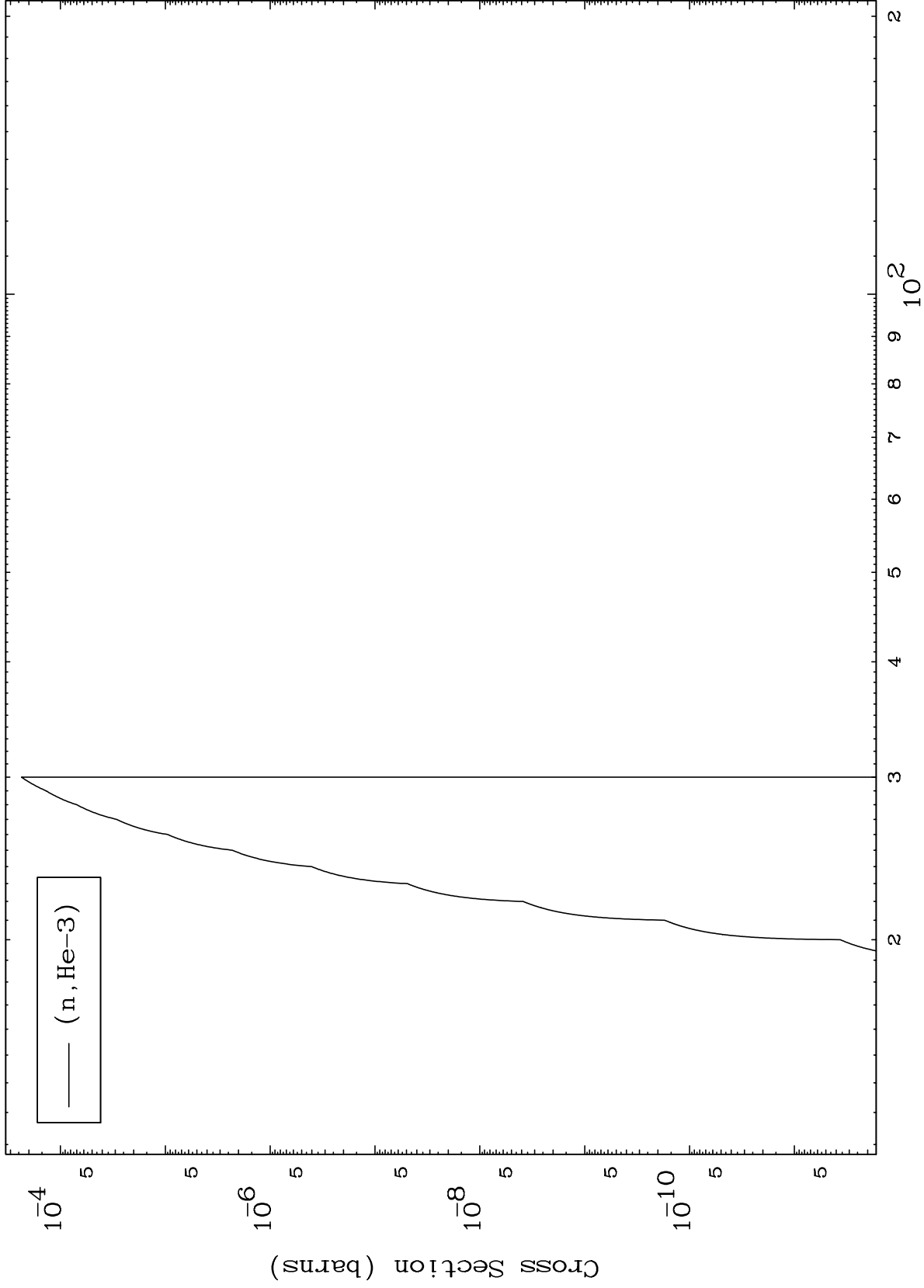
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,He3) Levels
293 Kelvin Cross Sections

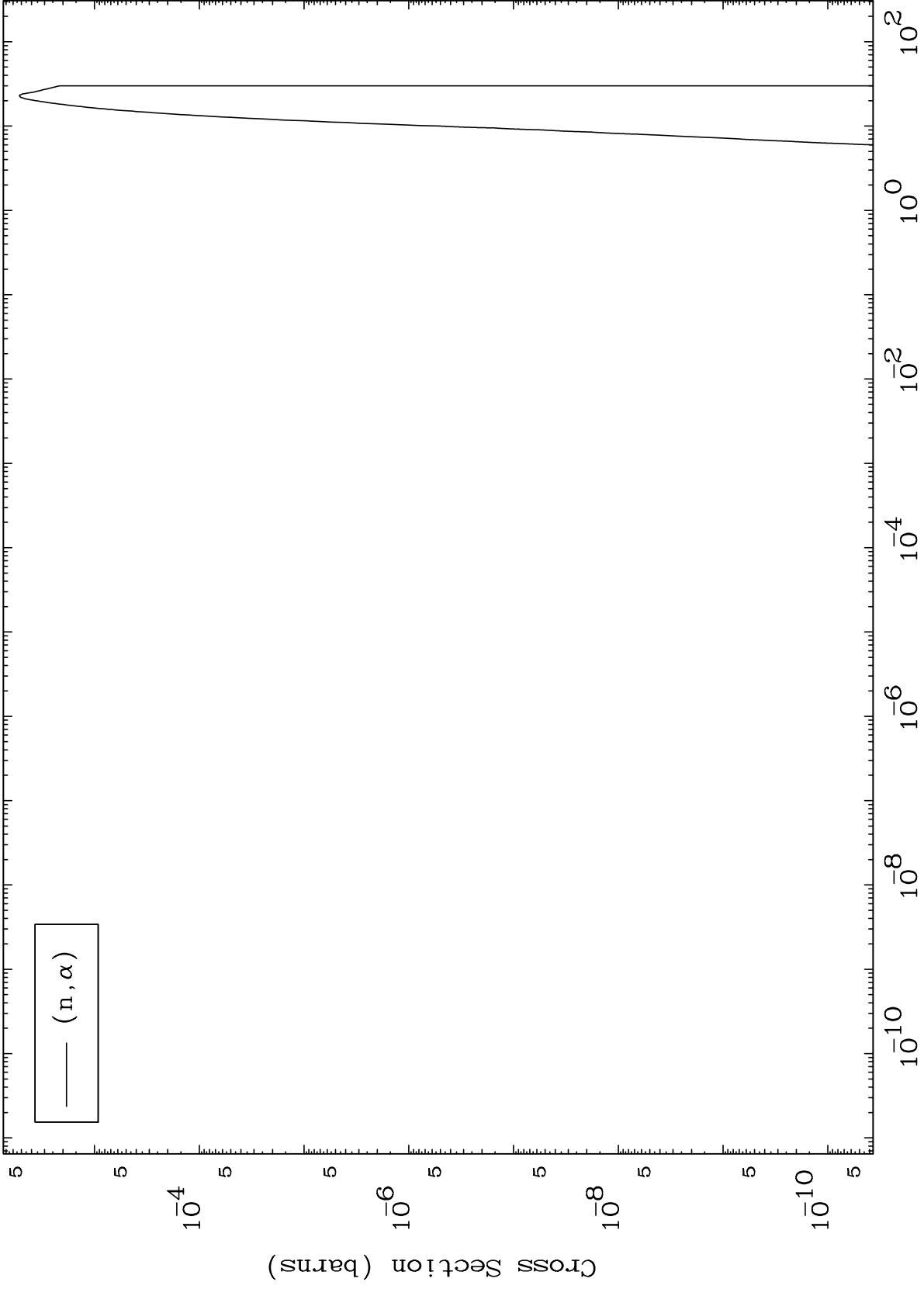
48-Cd-116



MAT 4855

(n, α) Levels
293 Kelvin Cross Sections

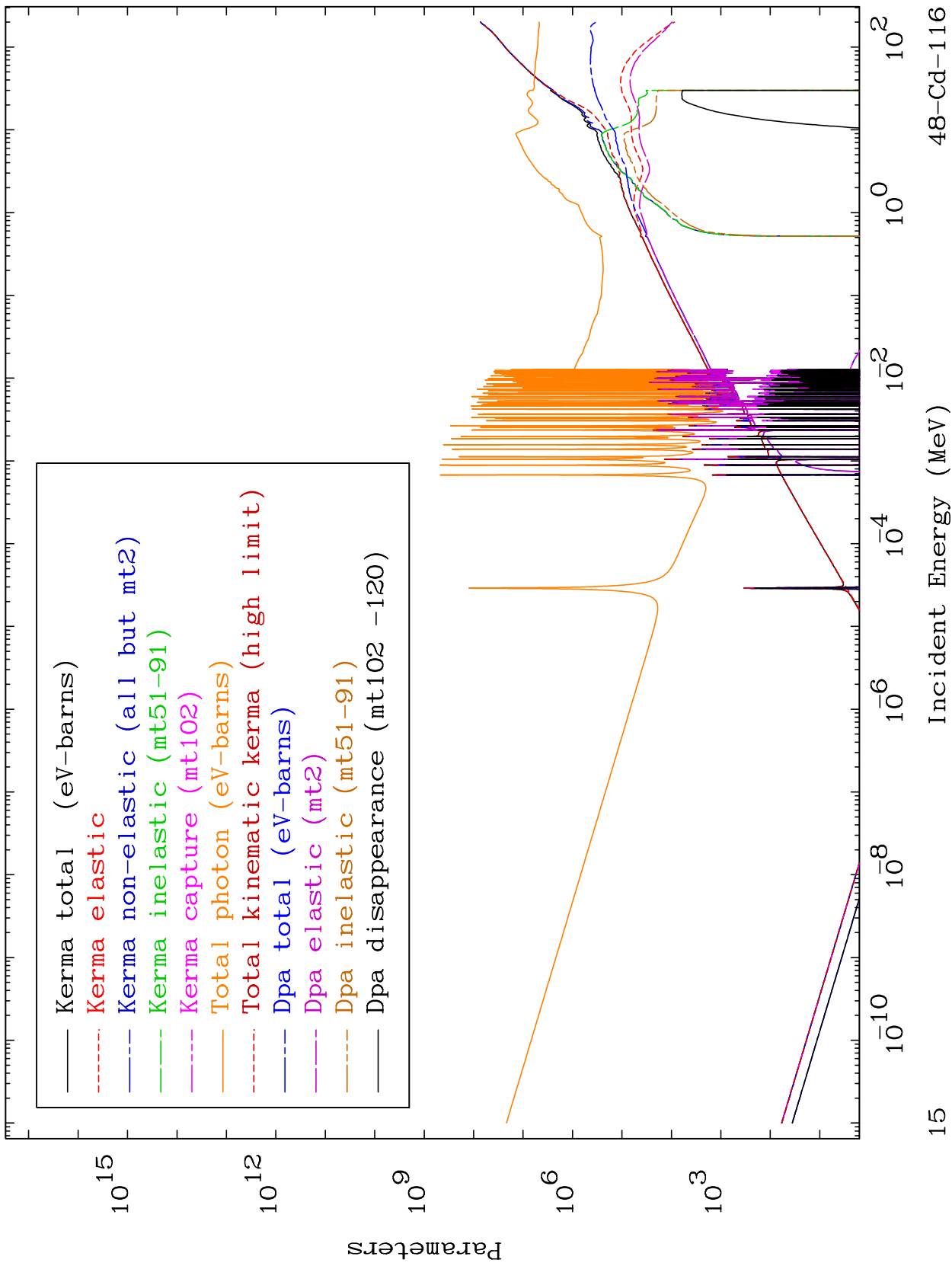
48-Cd-116



14

Incident Energy (MeV)

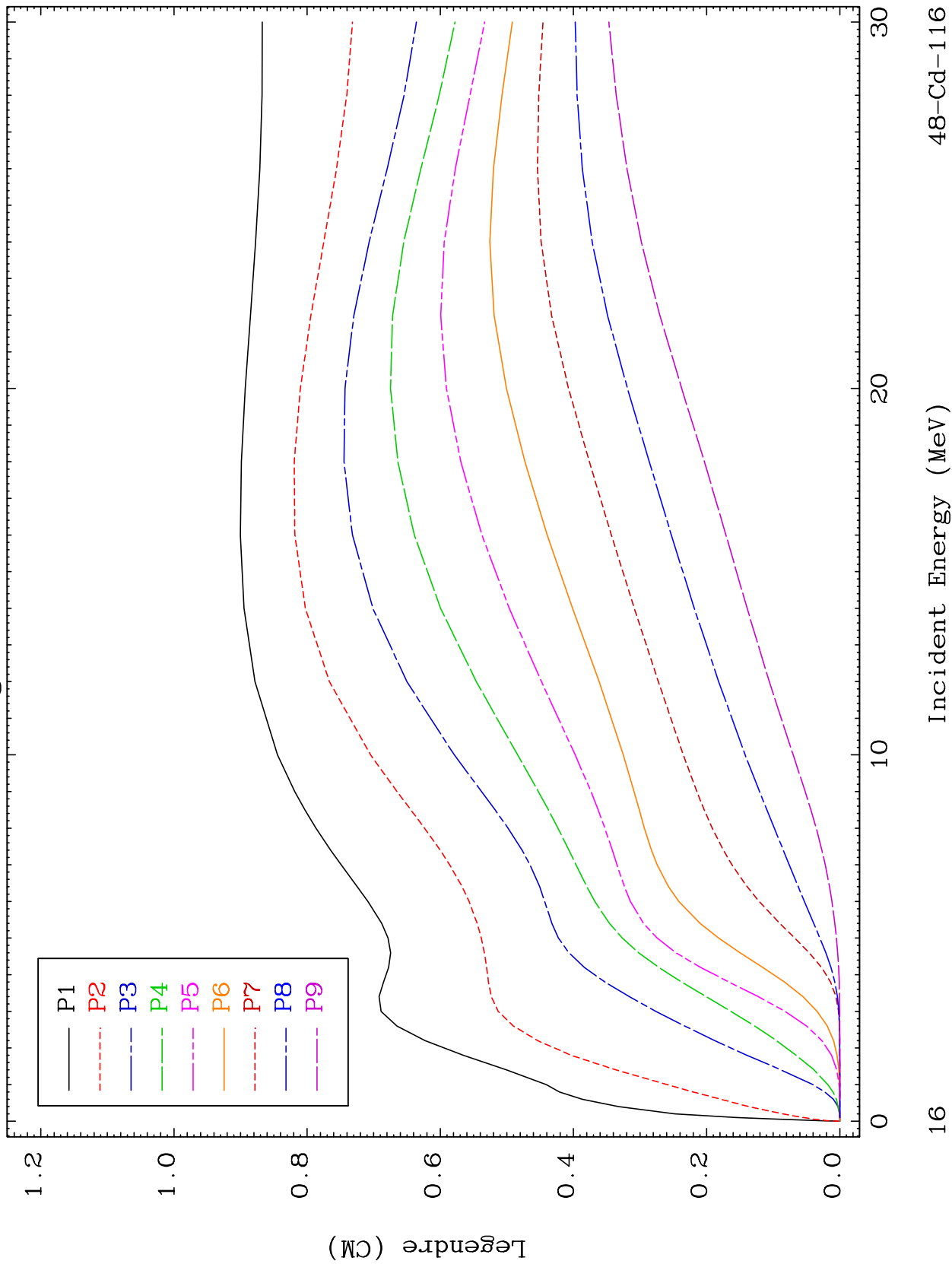
48-Cd-116



MAT 4855

Elastic Legendre Coefficients

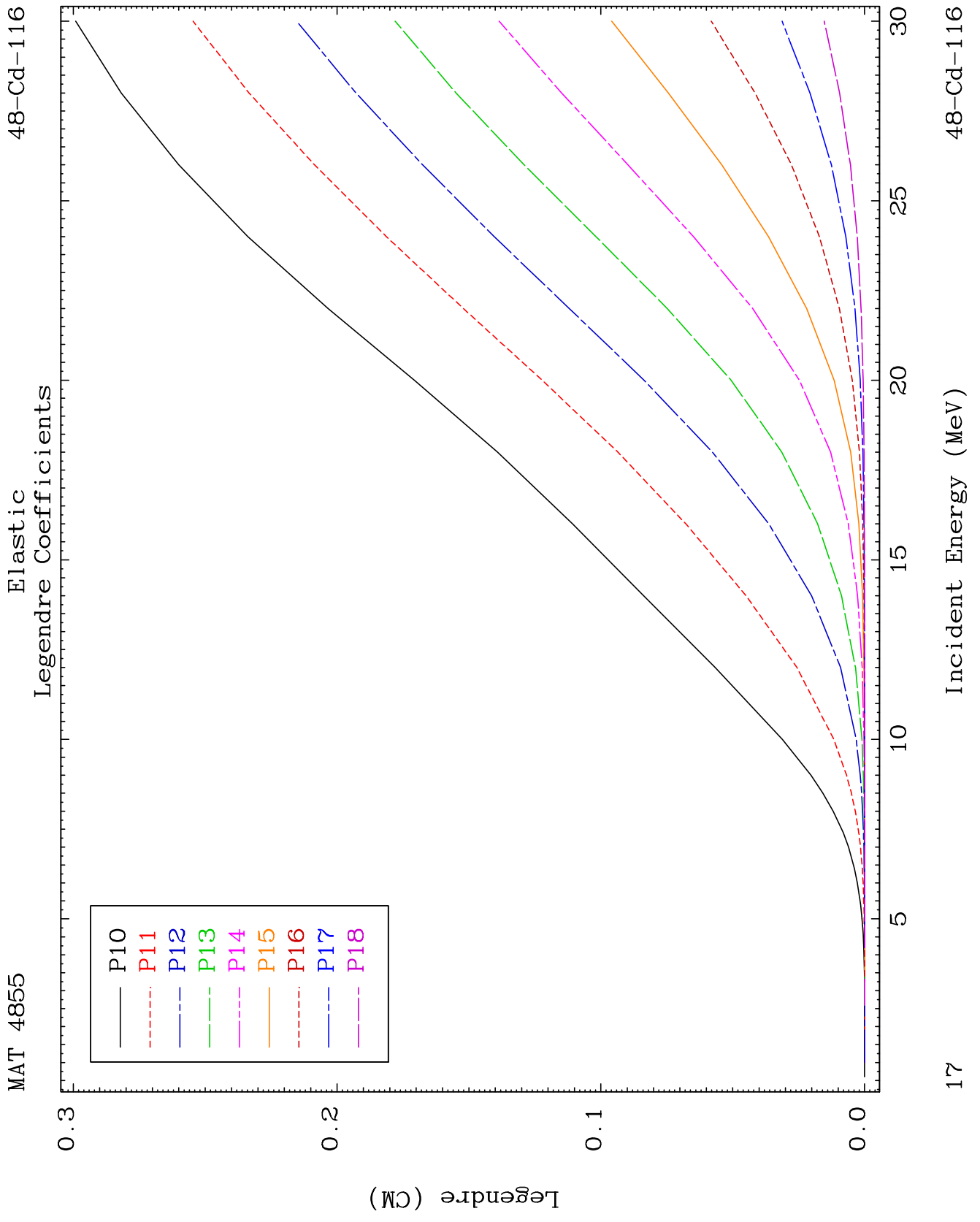
48-Cd-116



48-Cd-116

Incident Energy (MeV)

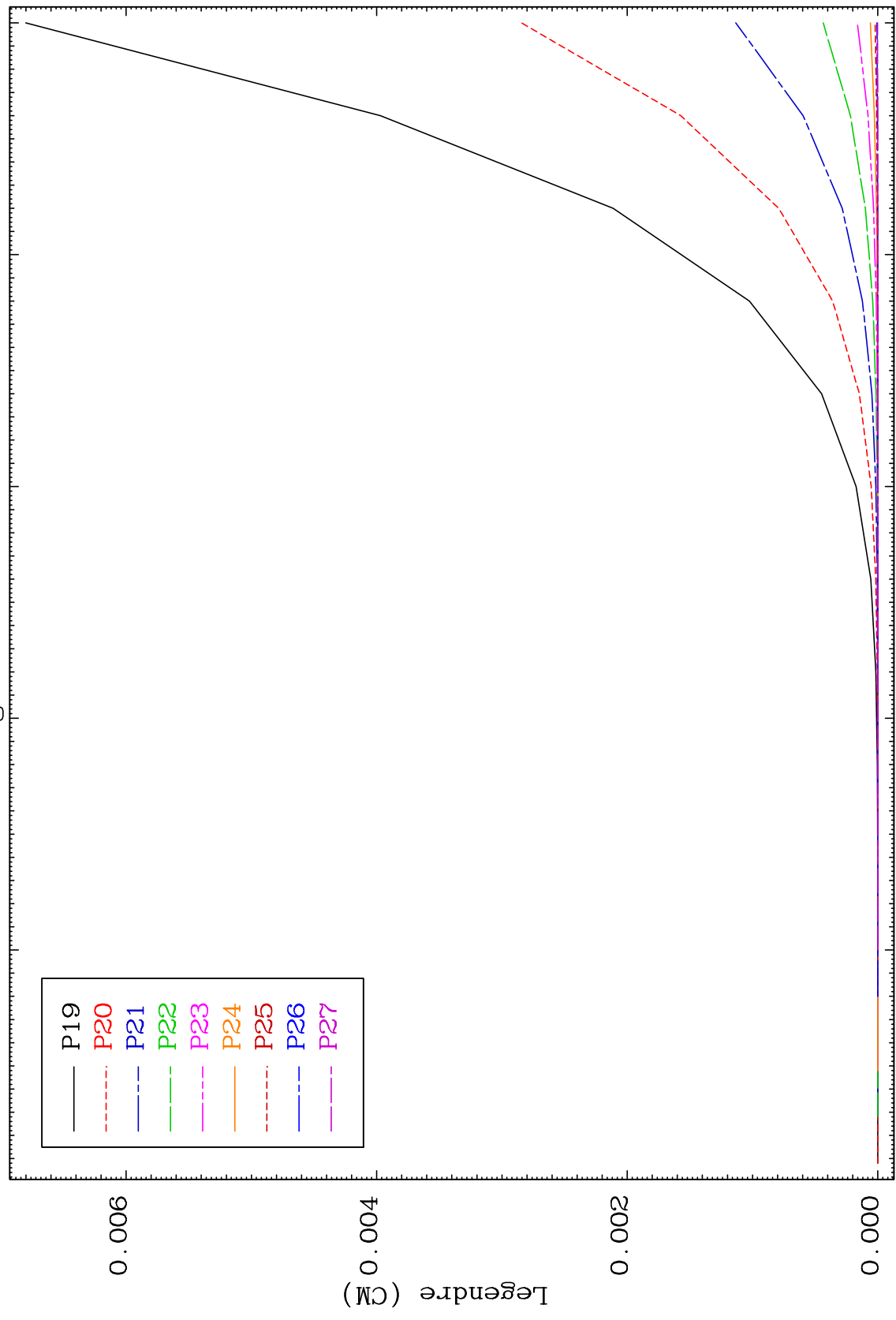
16



MAT 4855

Elastic Legendre Coefficients

48-Cd-116



18

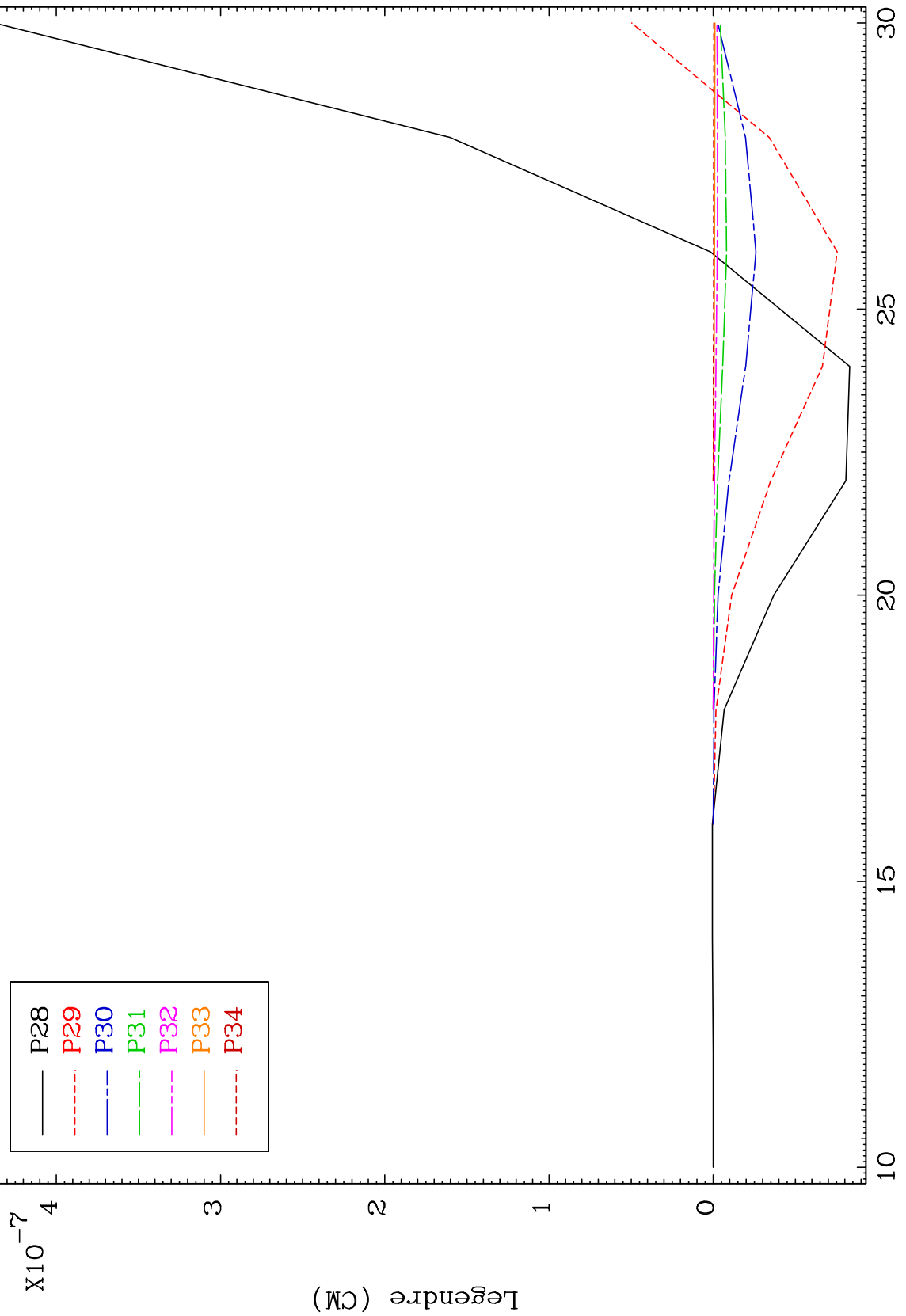
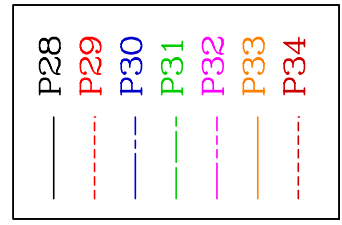
Incident Energy (MeV)

48-Cd-116

MAT 4855

Elastic
Legendre Coefficients

48-Cd-116



10

15

20

25

30

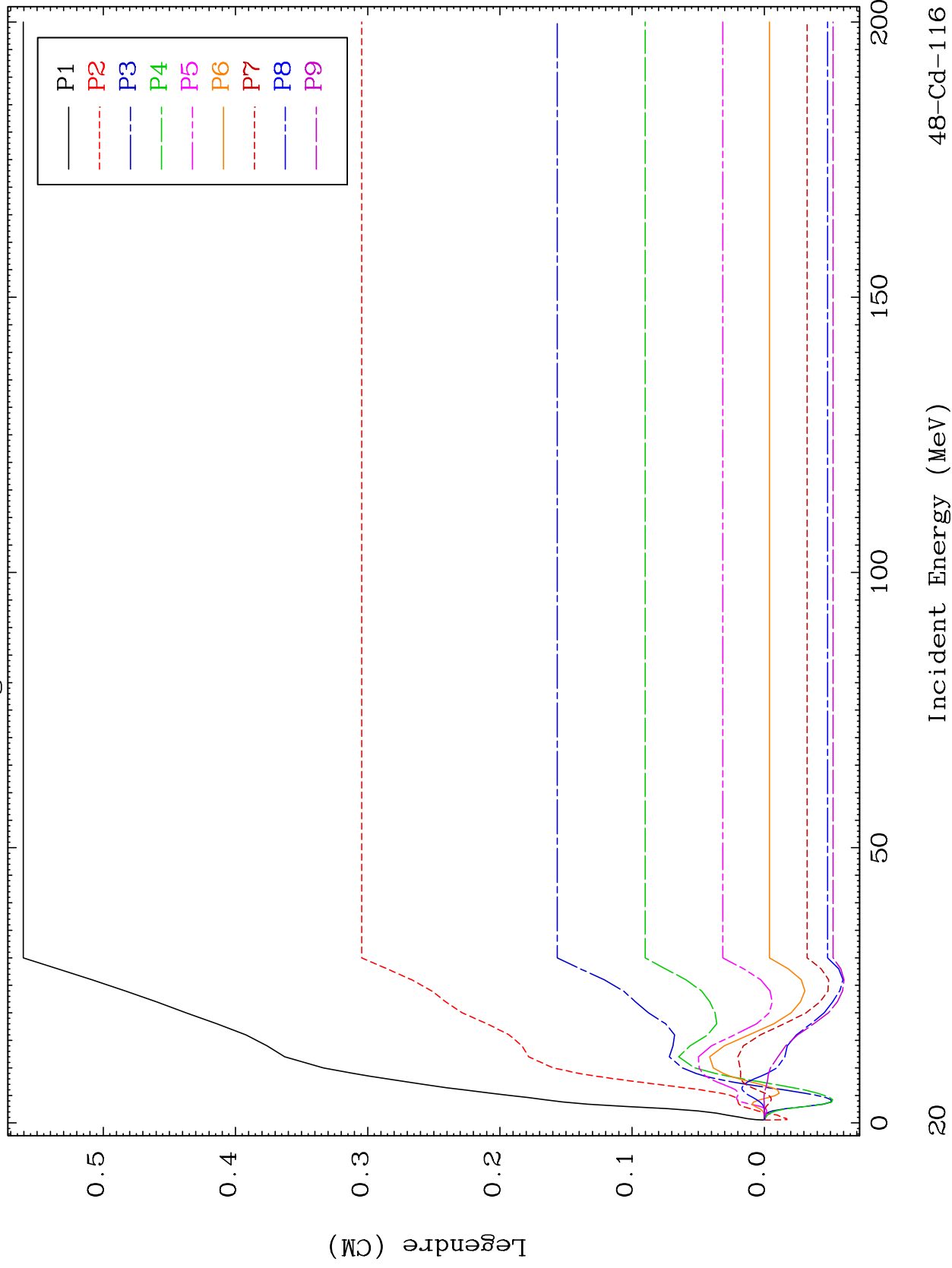
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

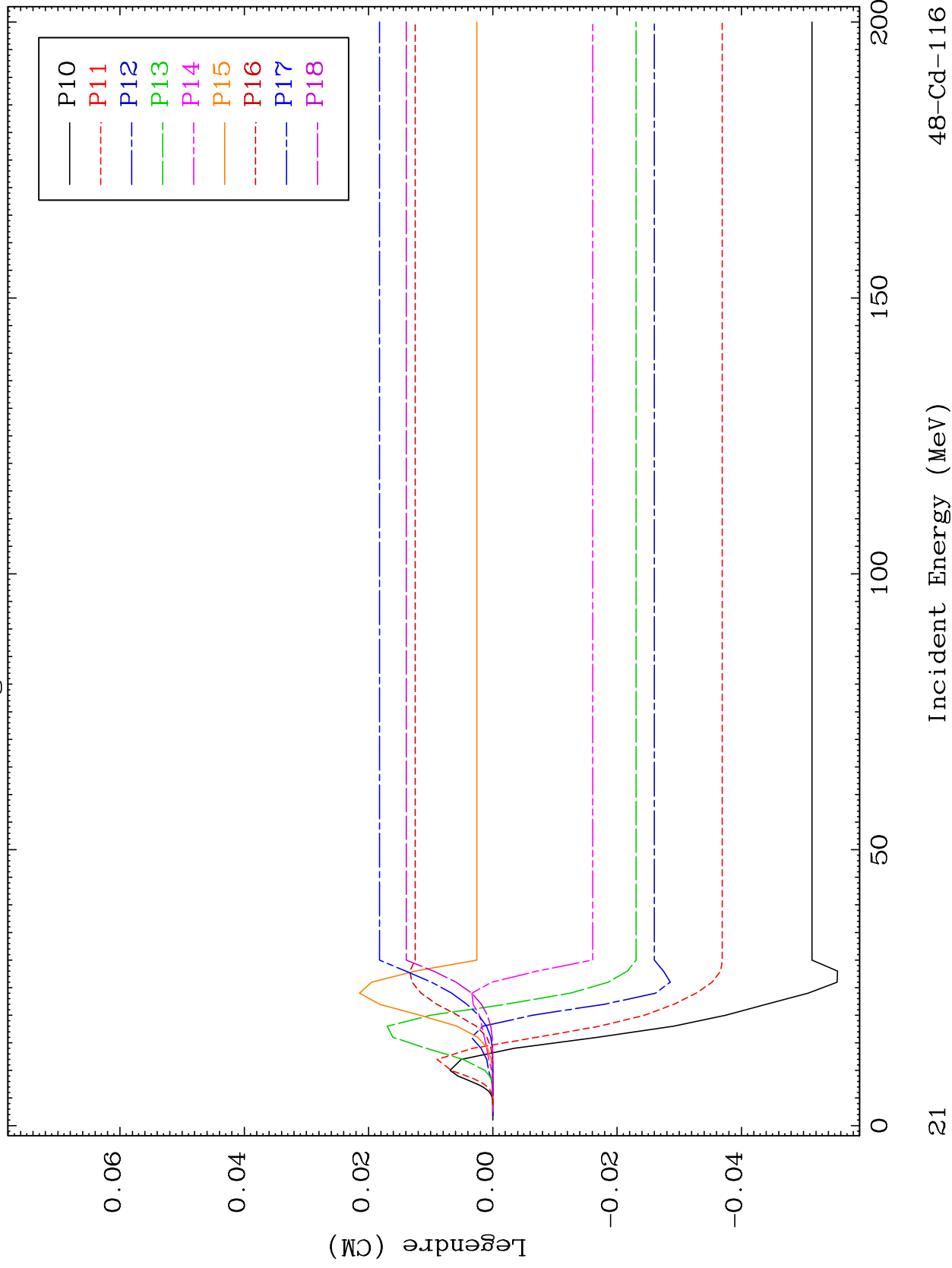


48-Cd-116

MAT 4855

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

48-Cd-116



21

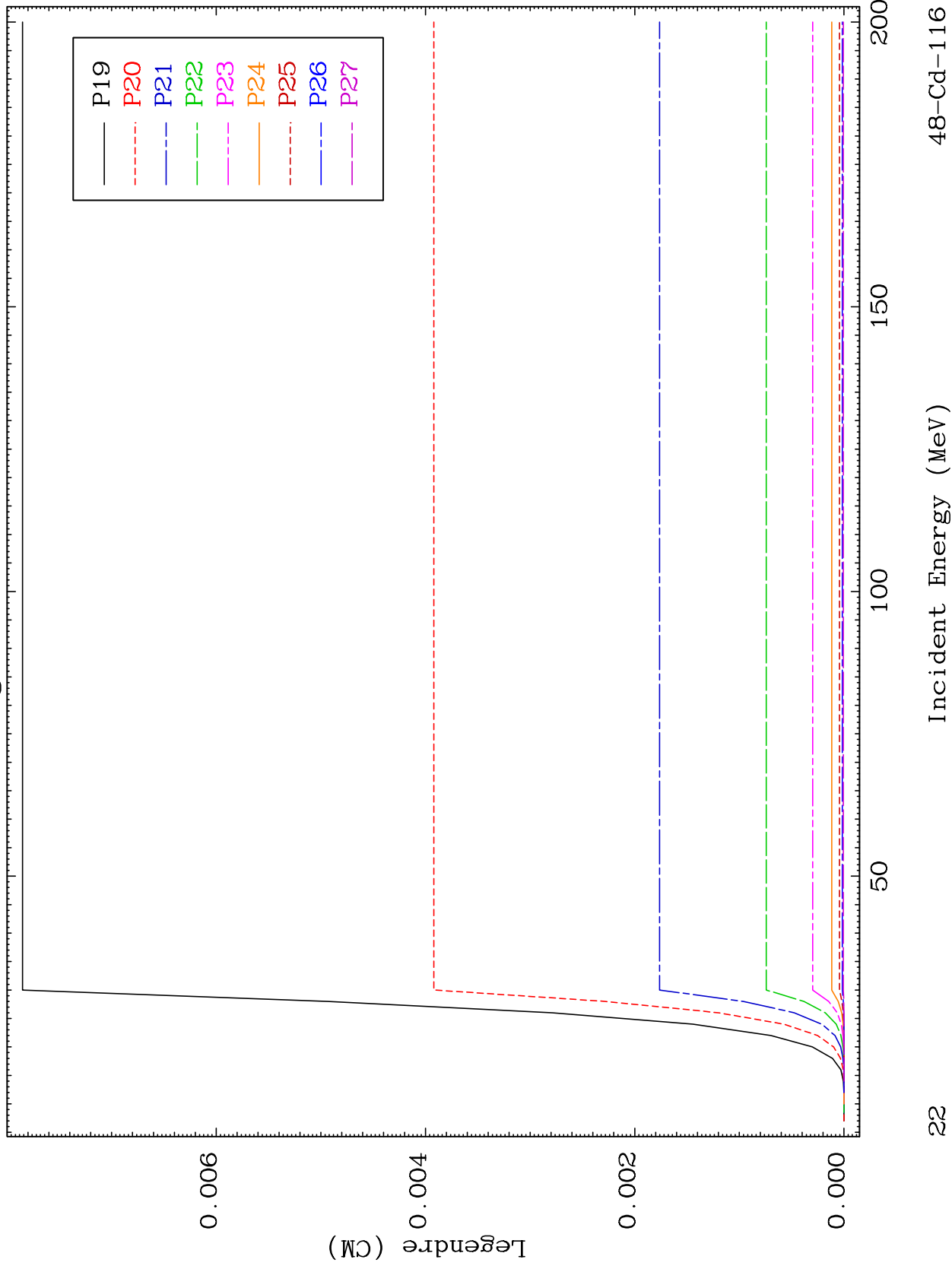
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



22

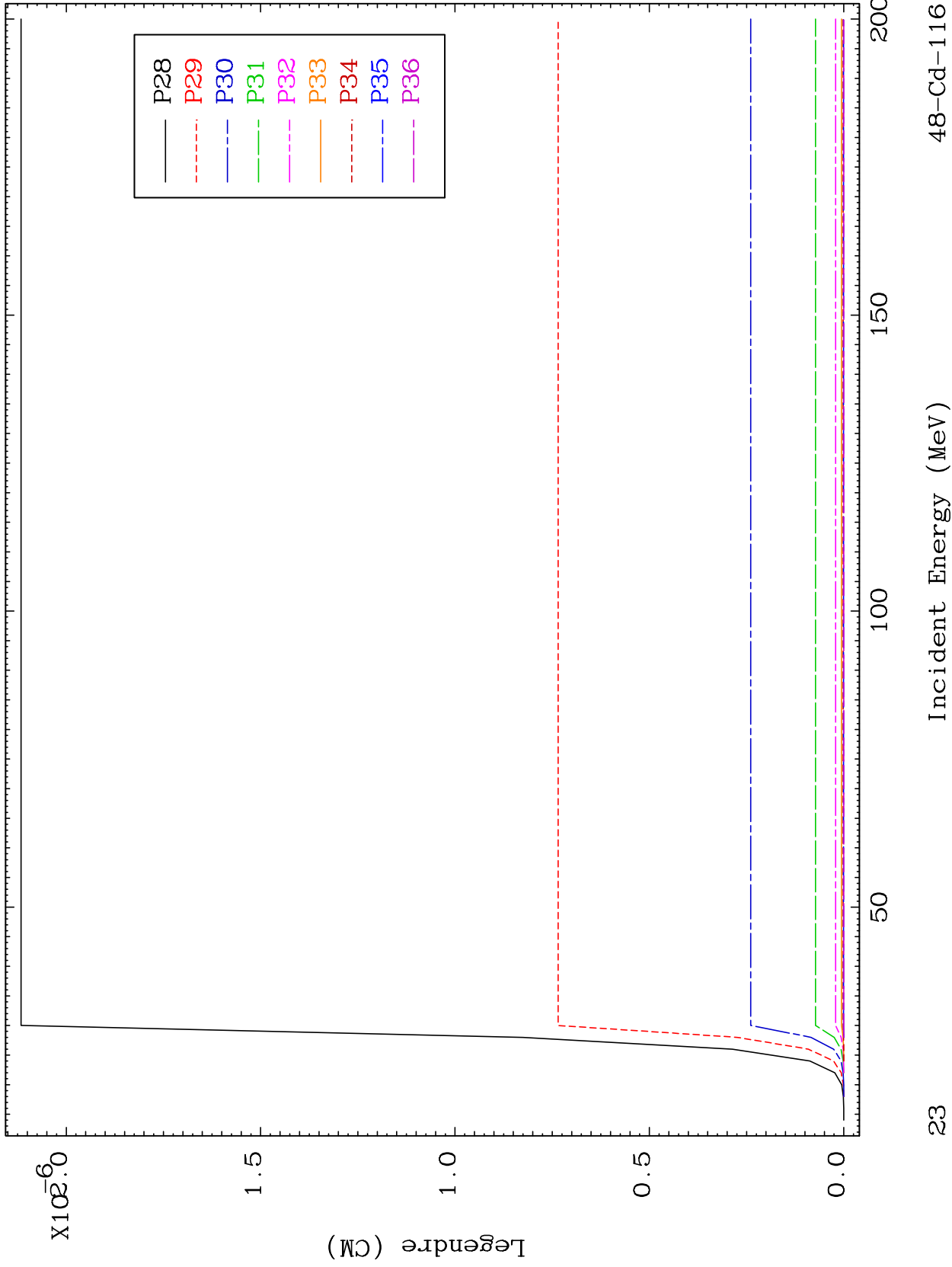
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

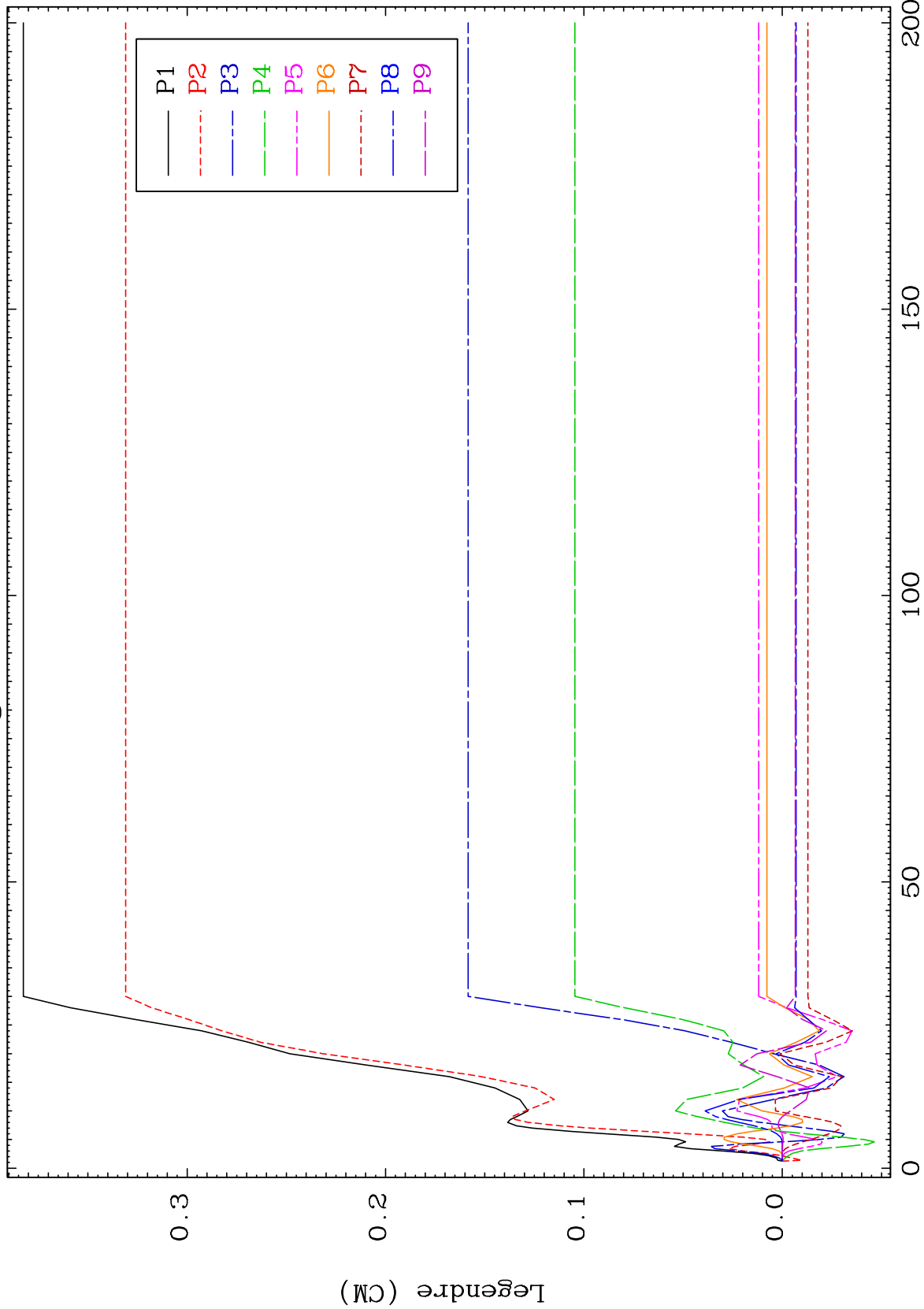


MAT 4855

MT= 52 (n,n') Level

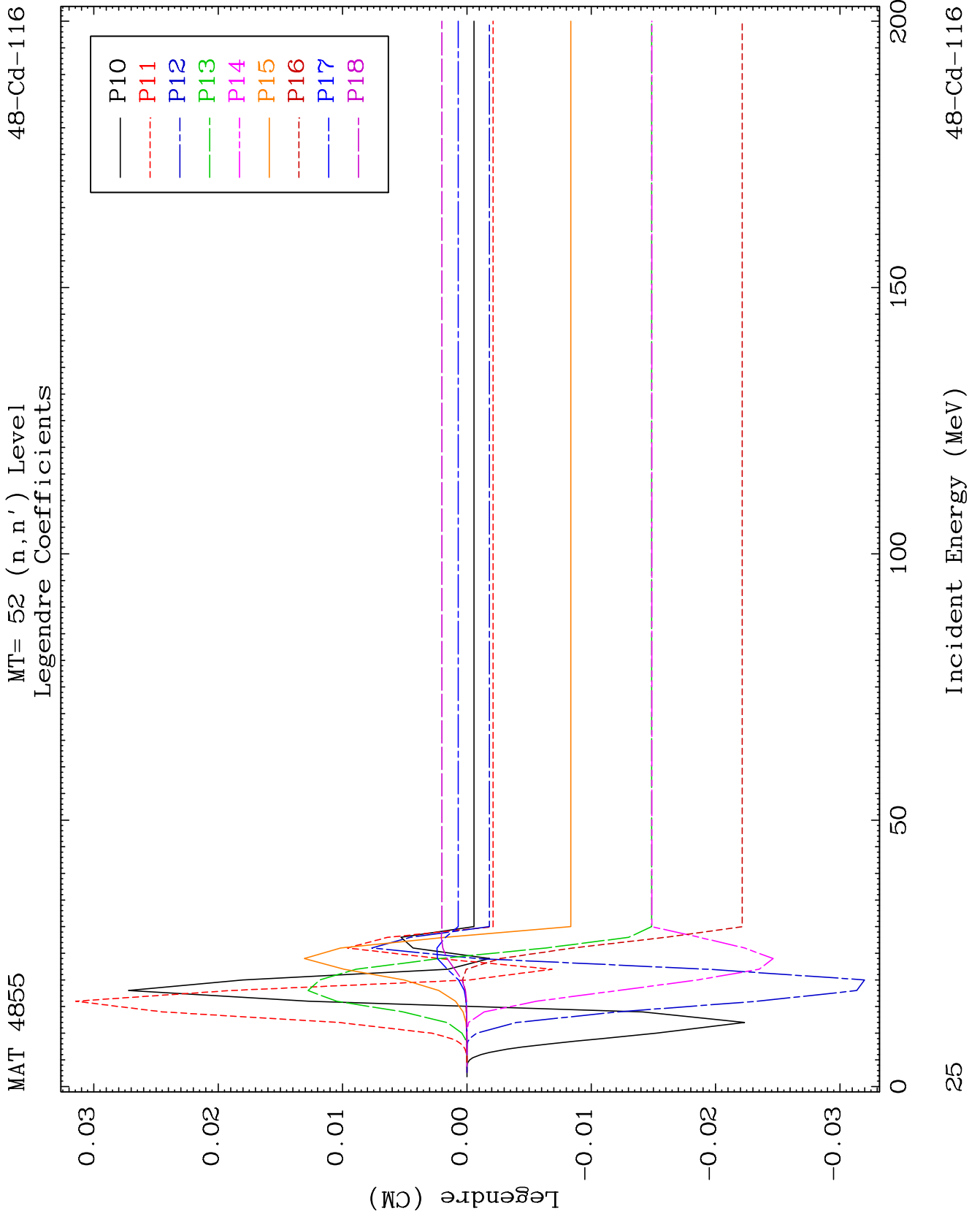
48-Cd-116

Legendre Coefficients



24

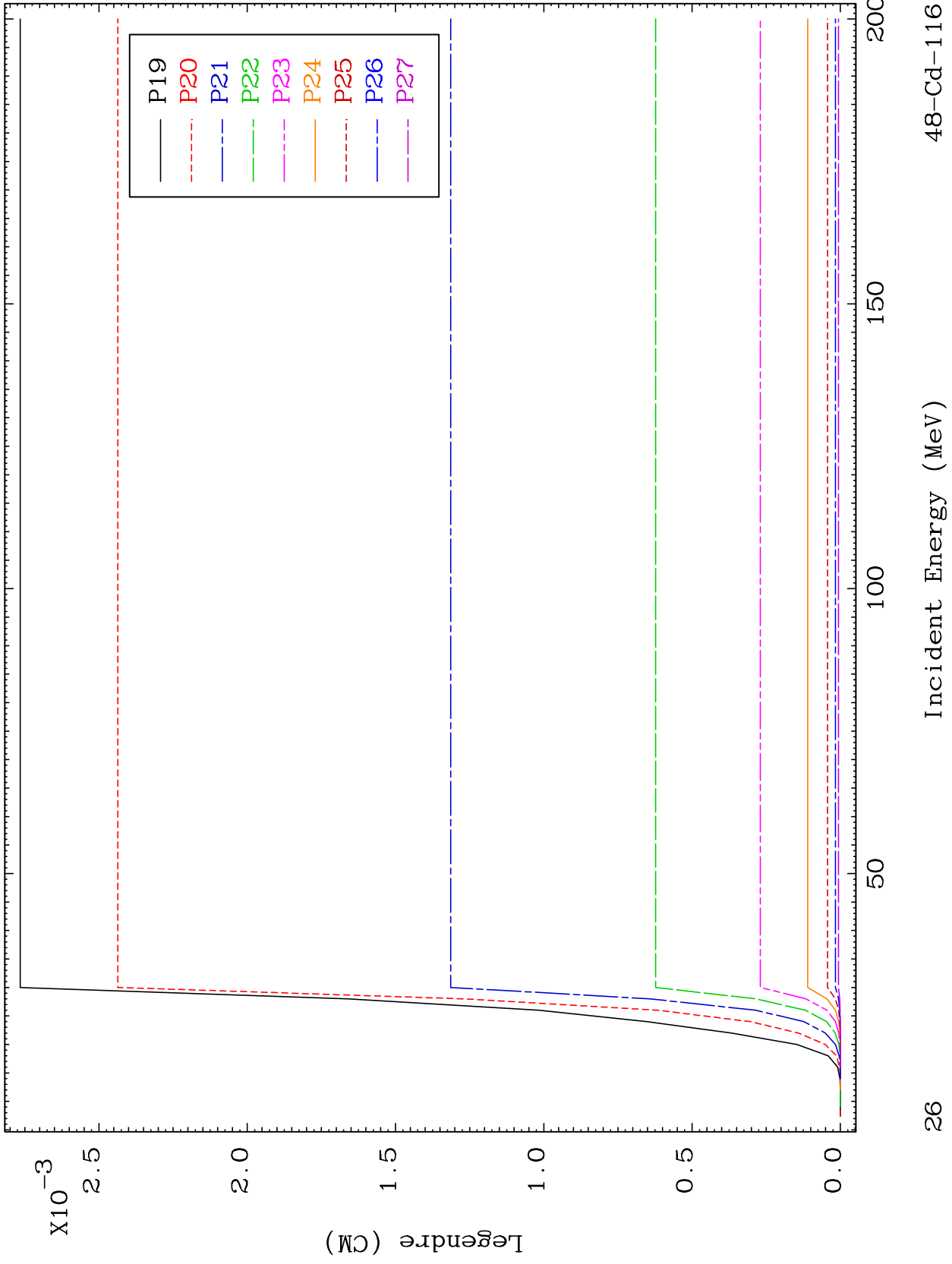
48-Cd-116



MAT 4855

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

48-Cd-116



26

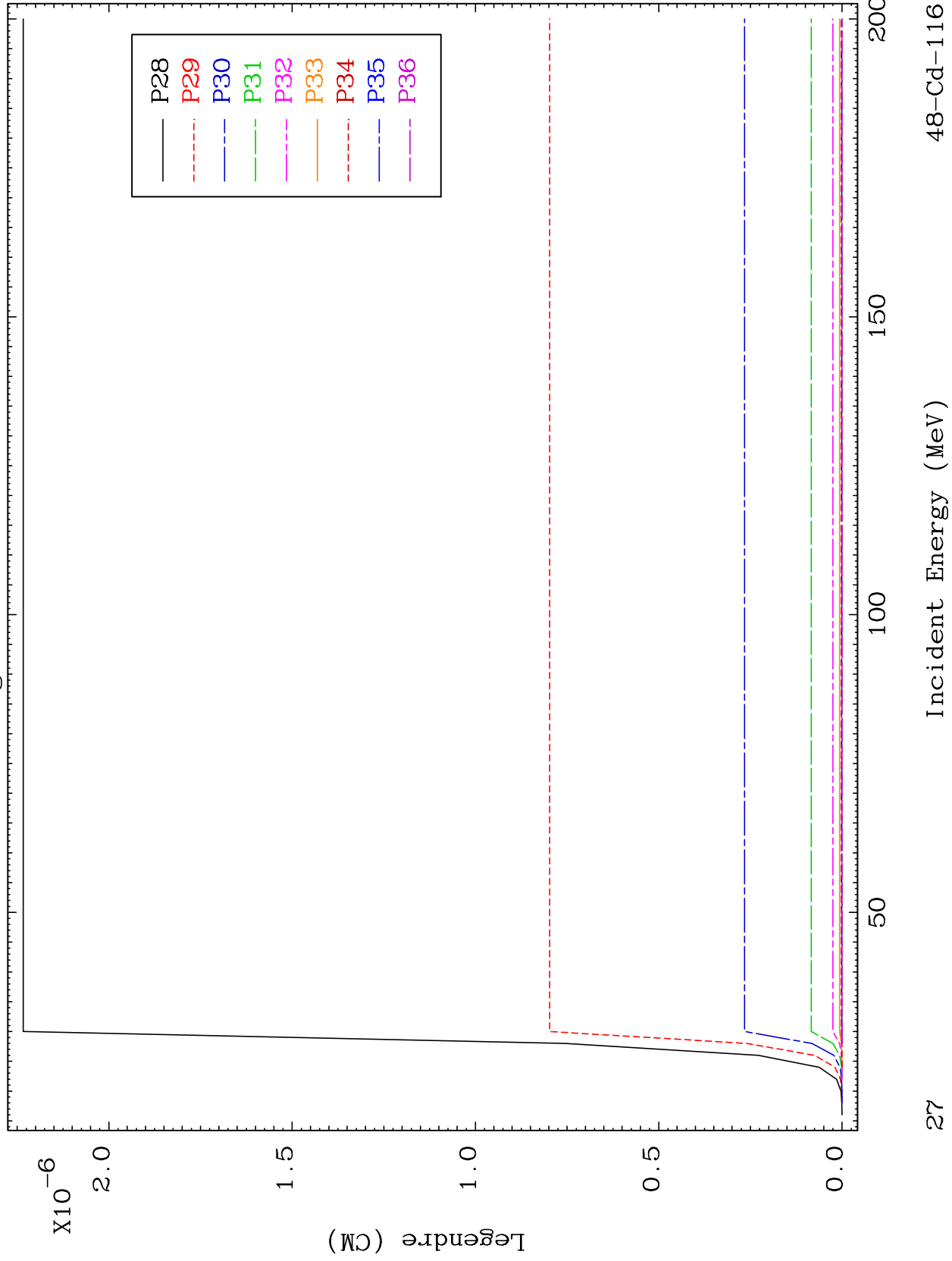
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

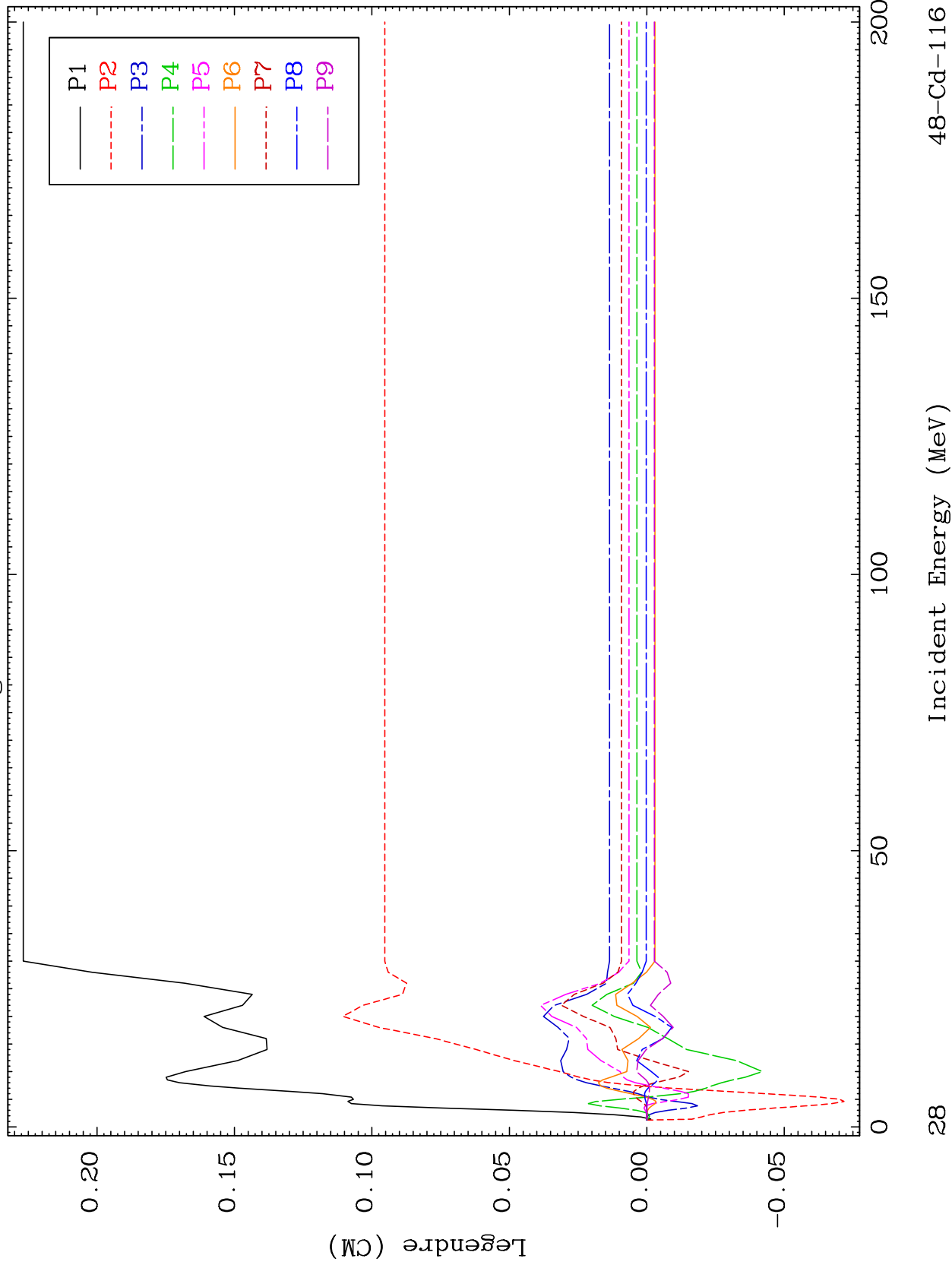
48-Cd-116



MAT 4855

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

48-Cd-116



48-Cd-116

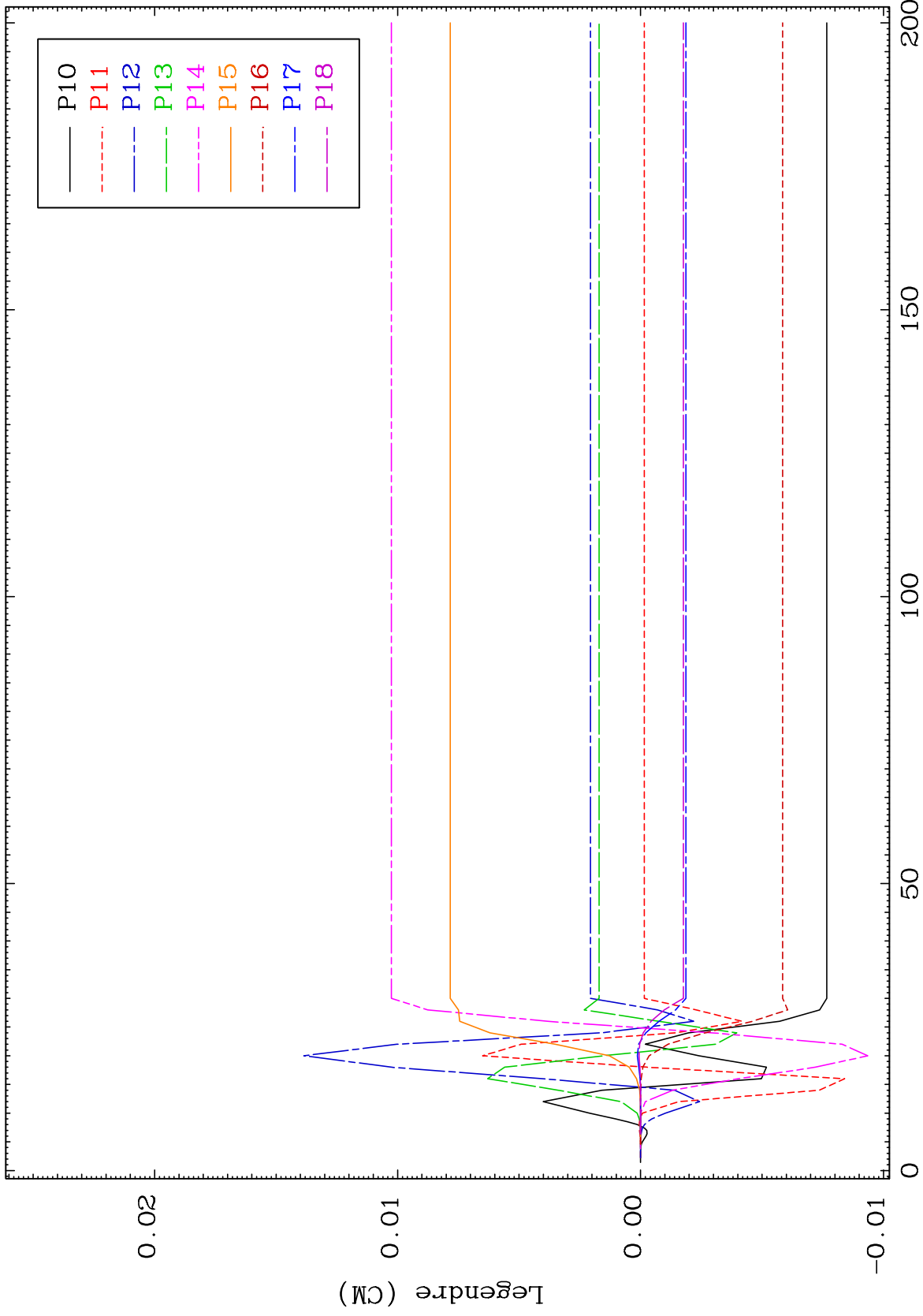
Incident Energy (MeV)

28

MAT 4855

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

48-Cd-116



29

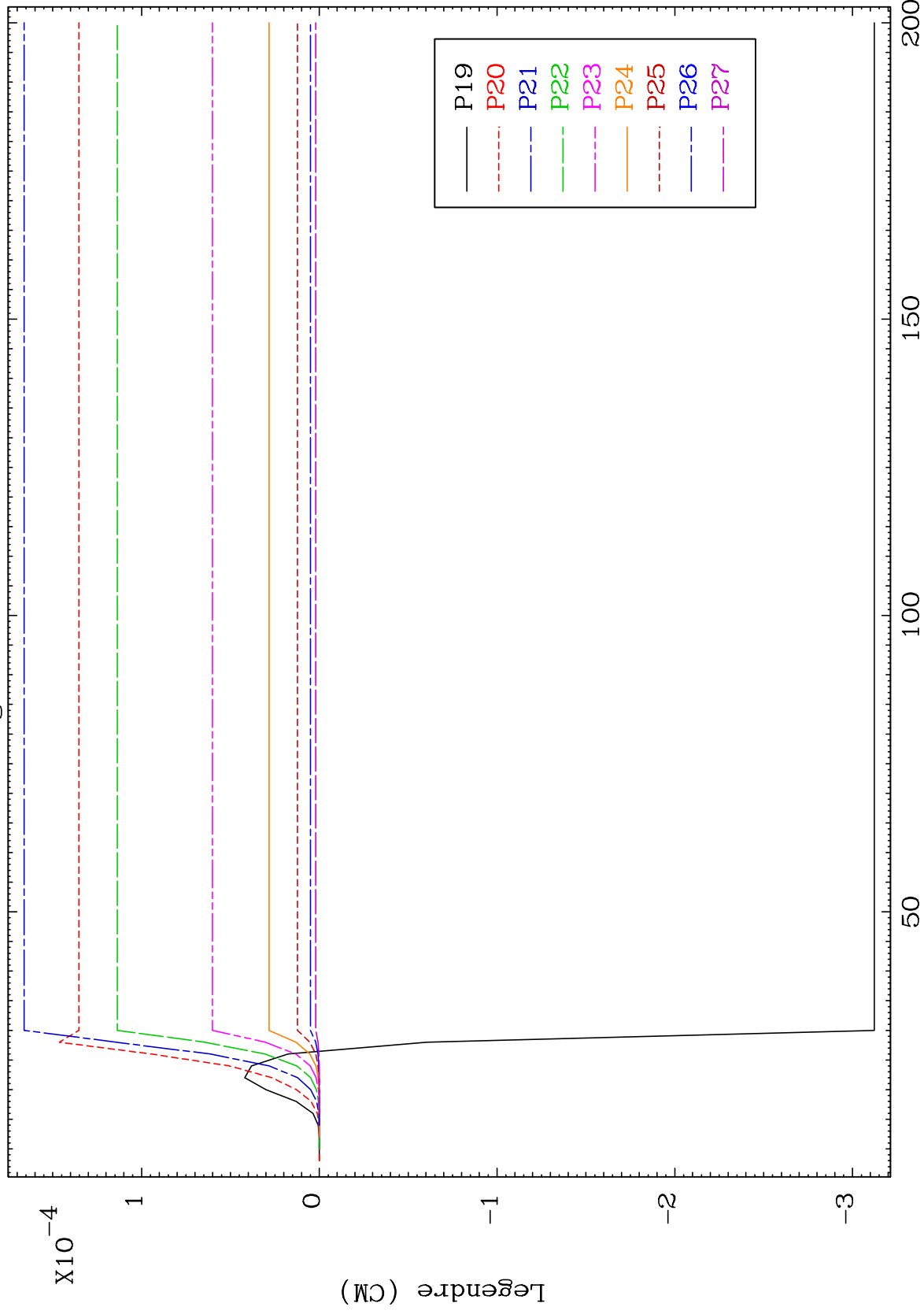
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



30

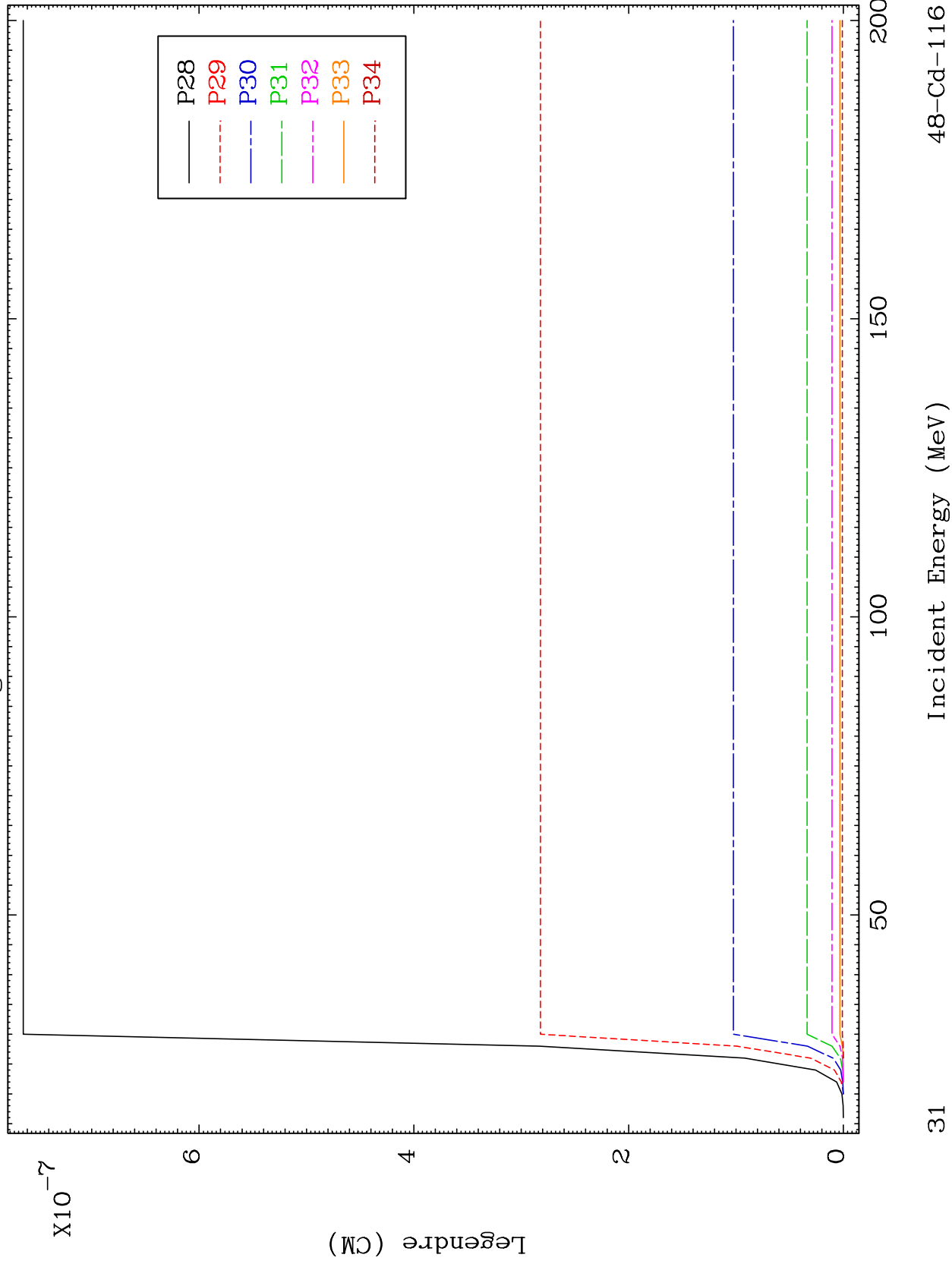
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



31

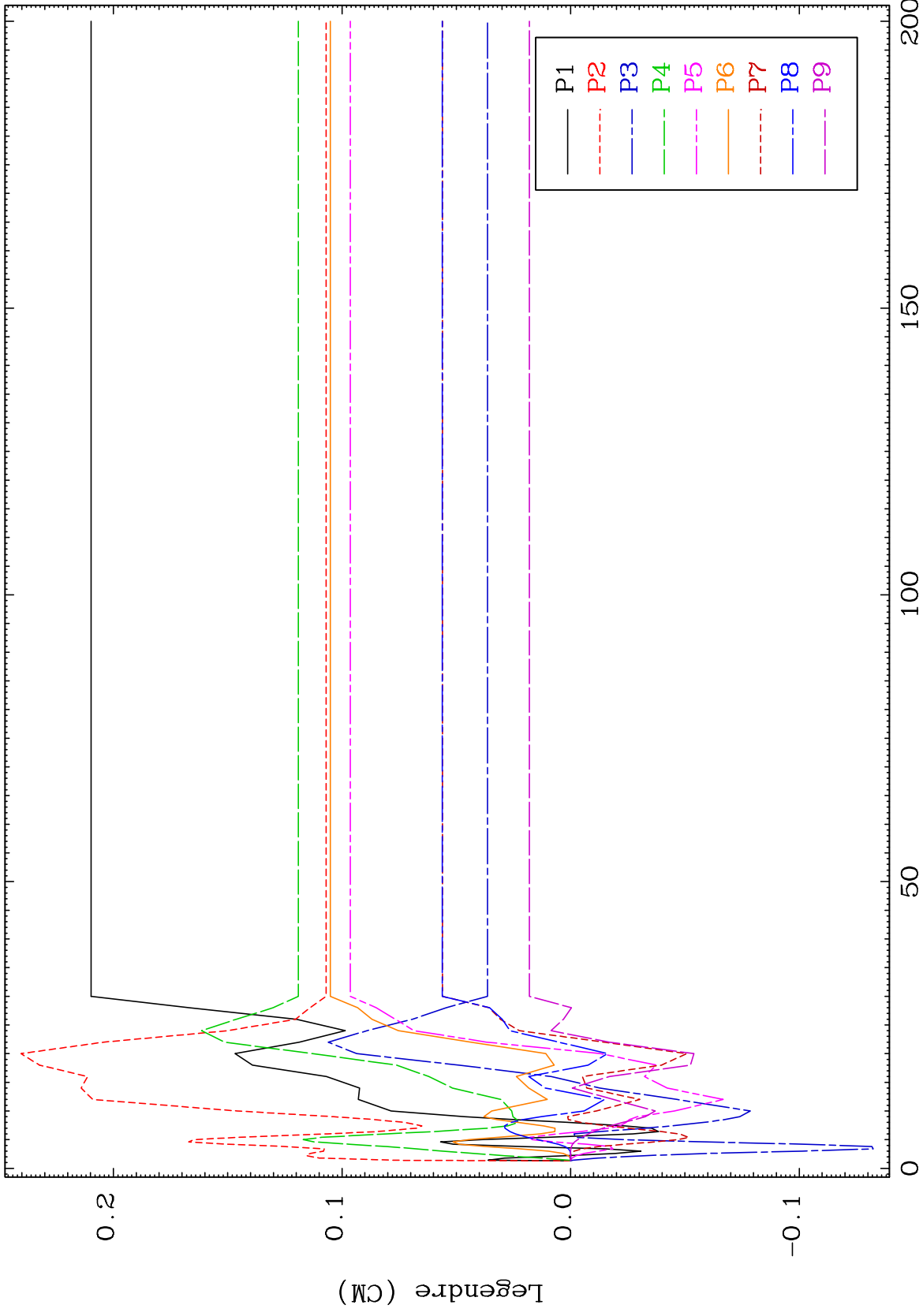
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



32

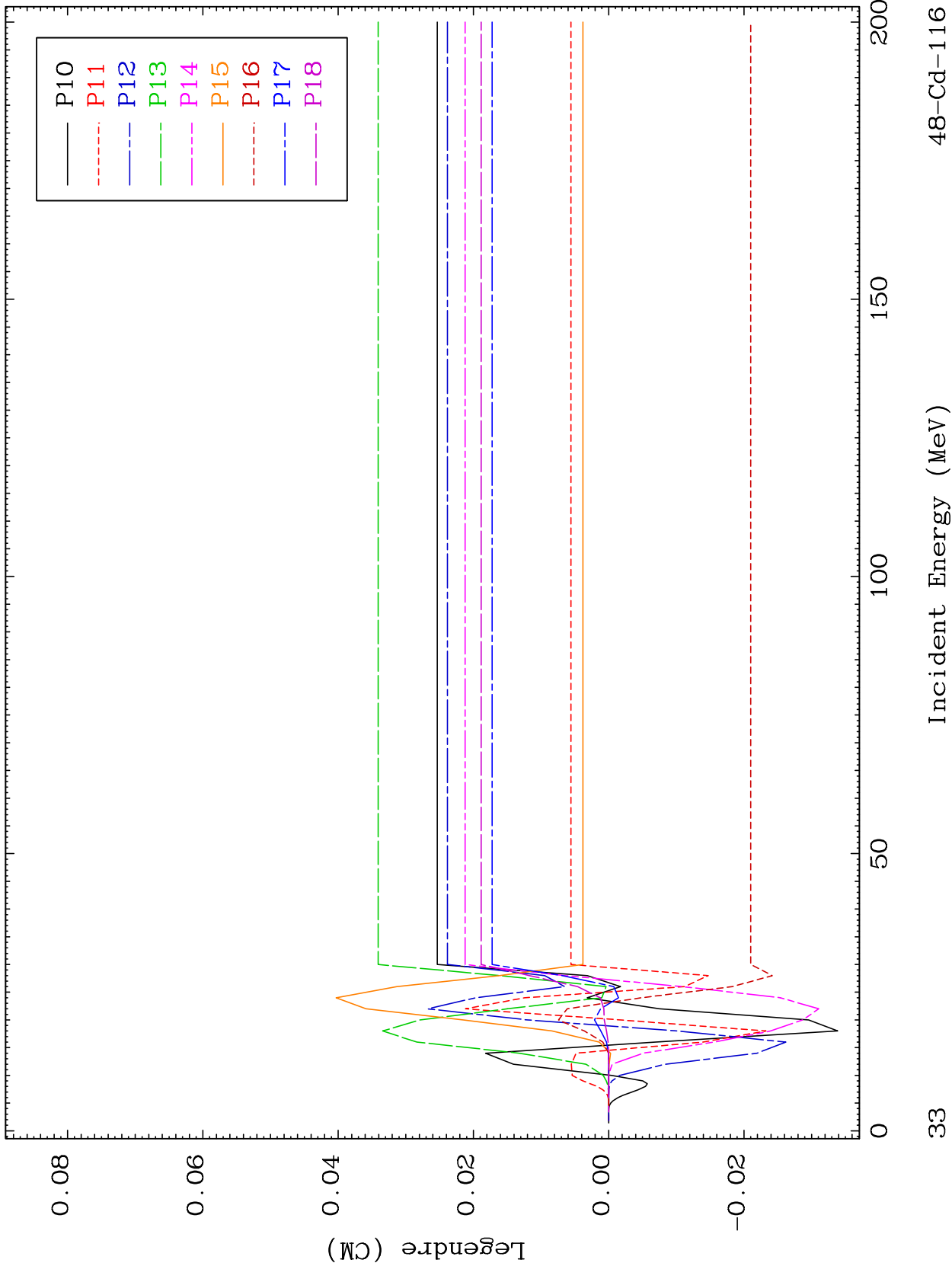
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



33

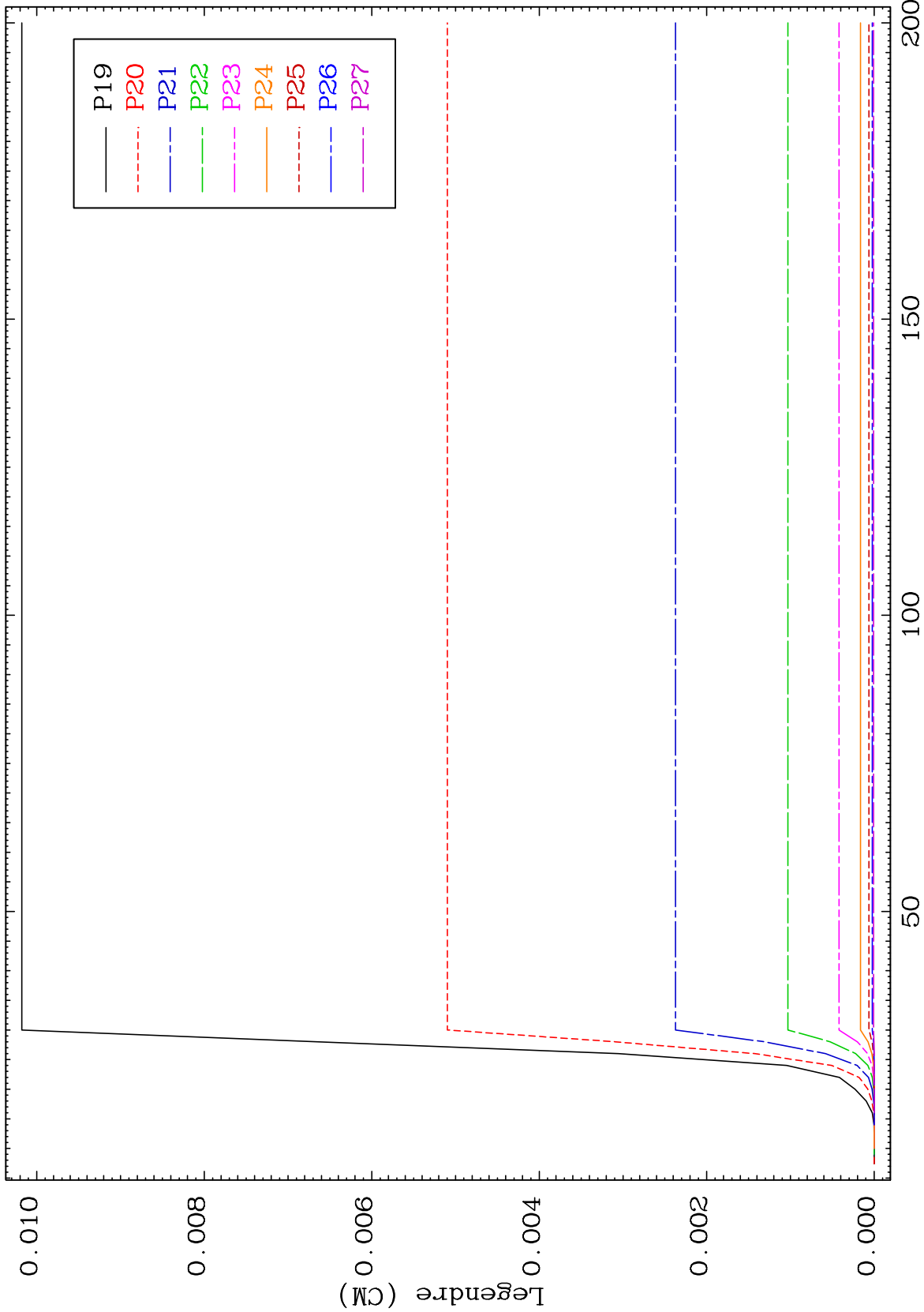
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



34

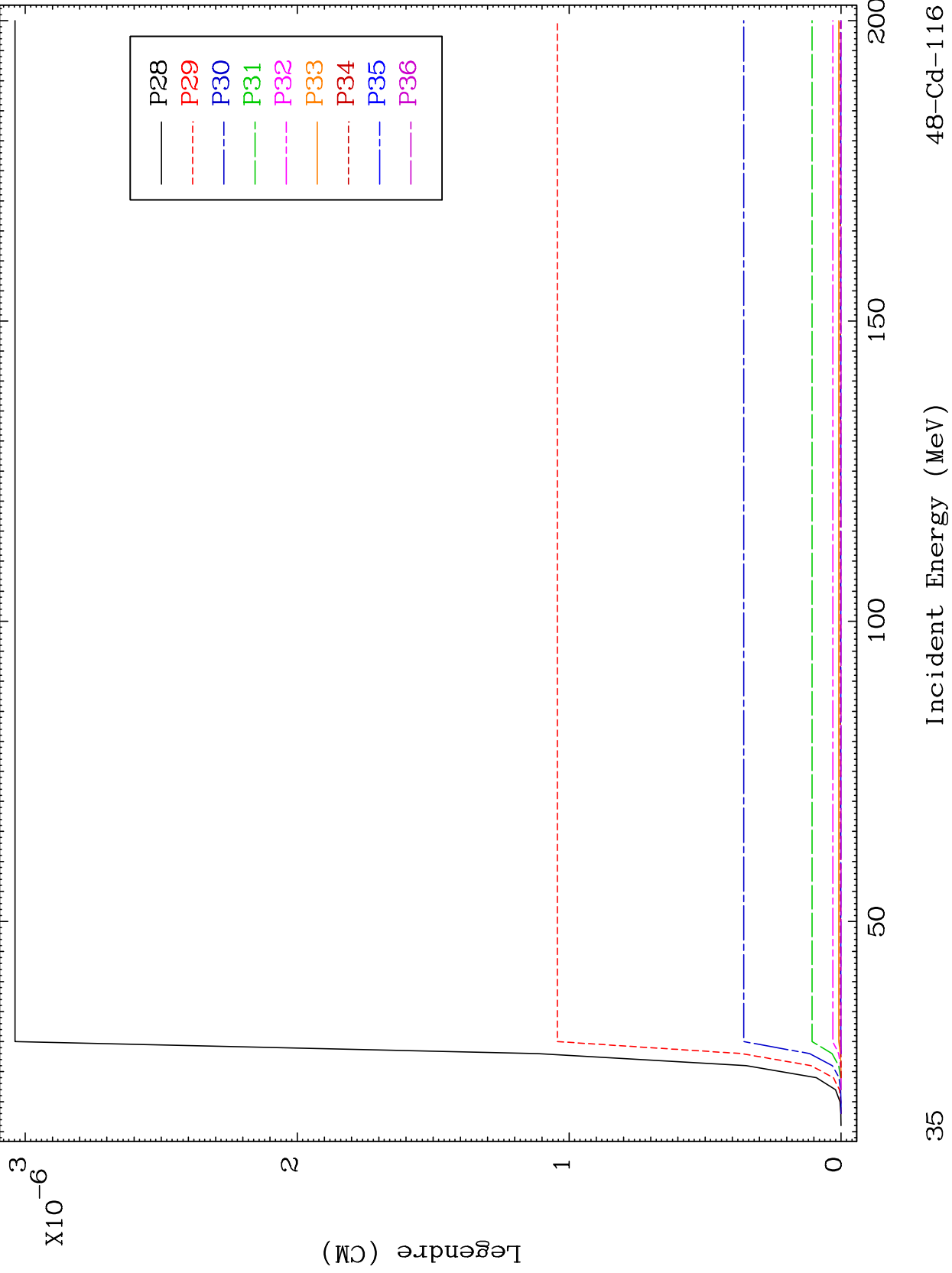
Incident Energy (MeV)

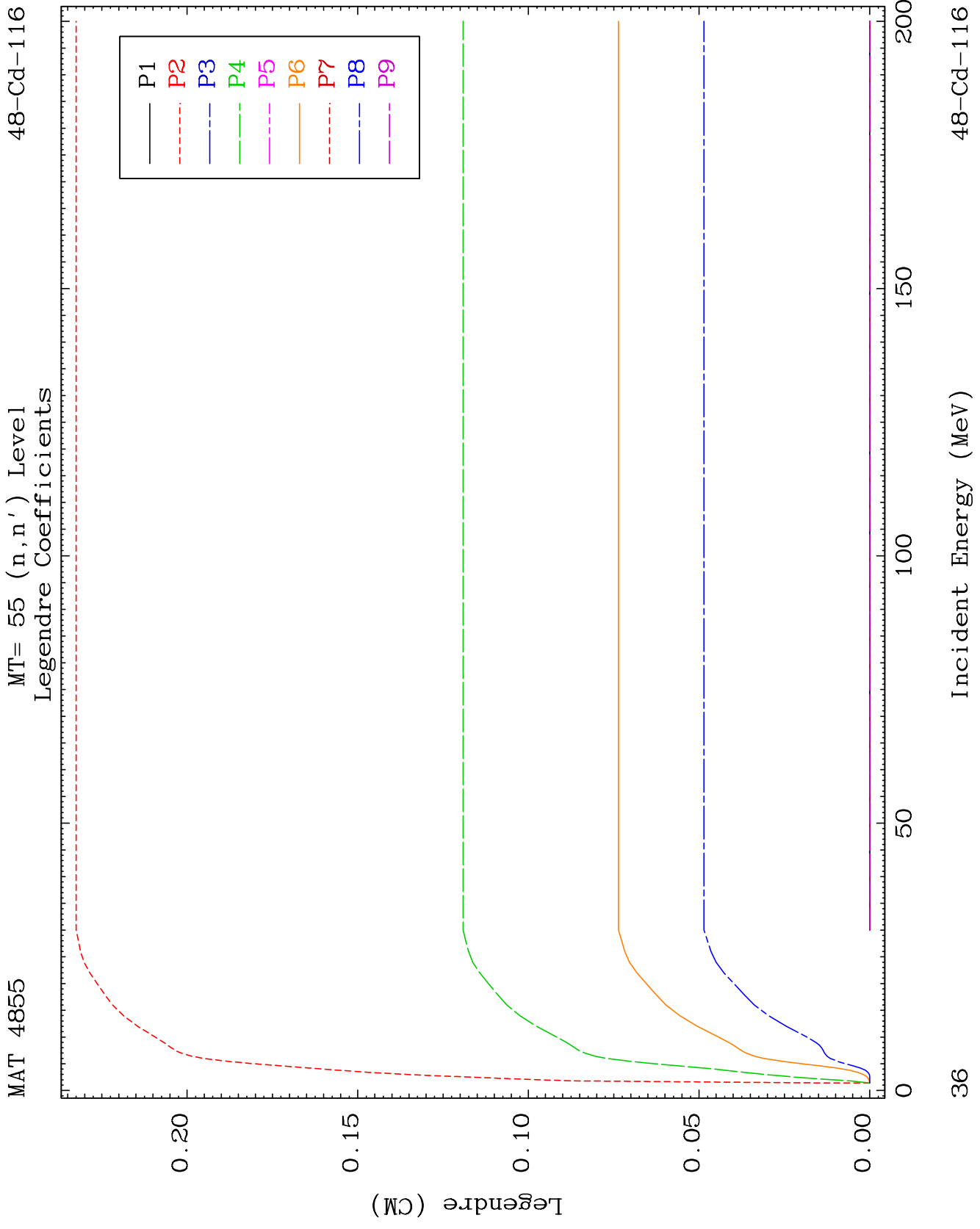
48-Cd-116

MAT 4855

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

48-Cd-116

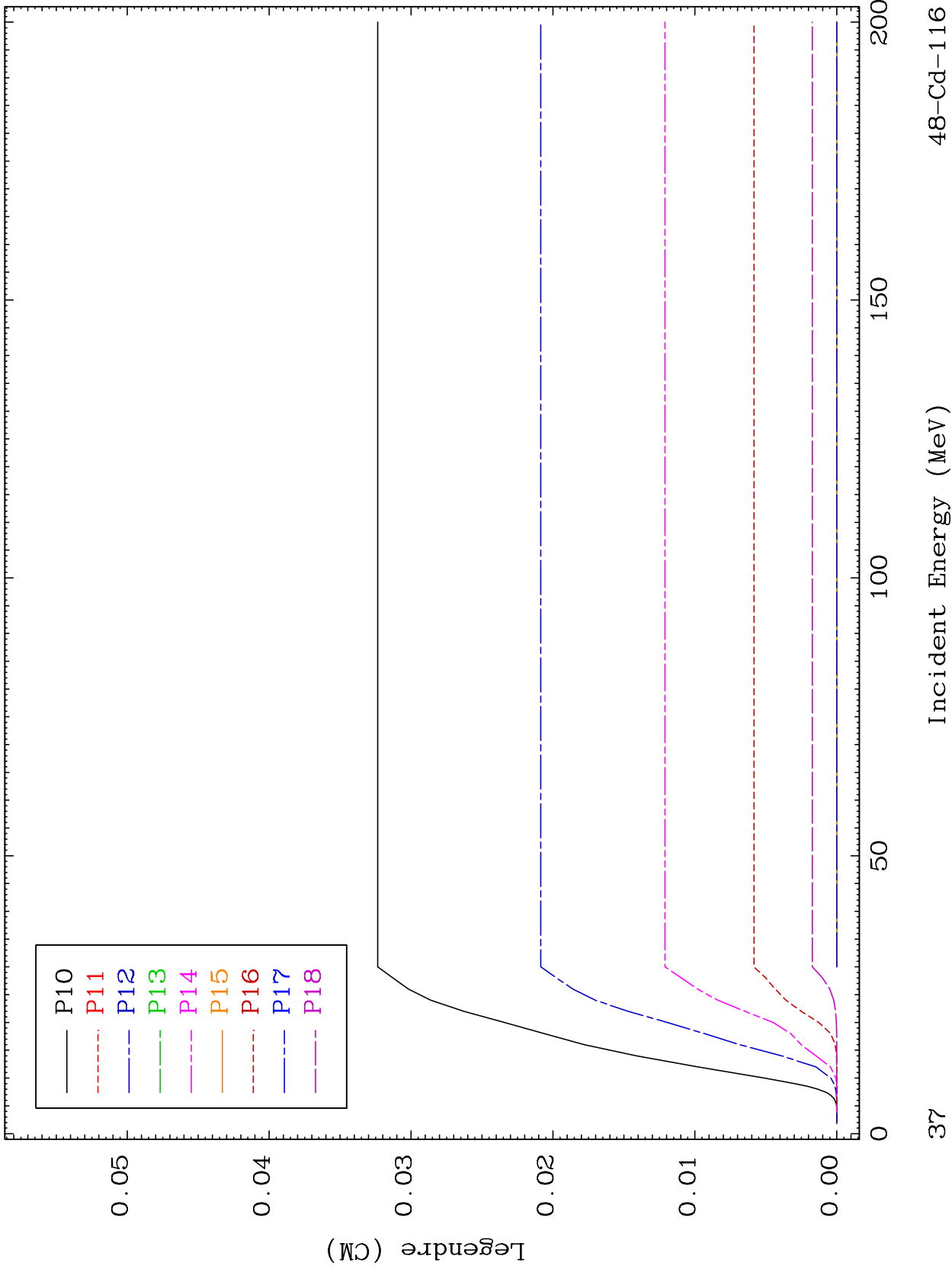




MAT 4855

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

48-Cd-116



37

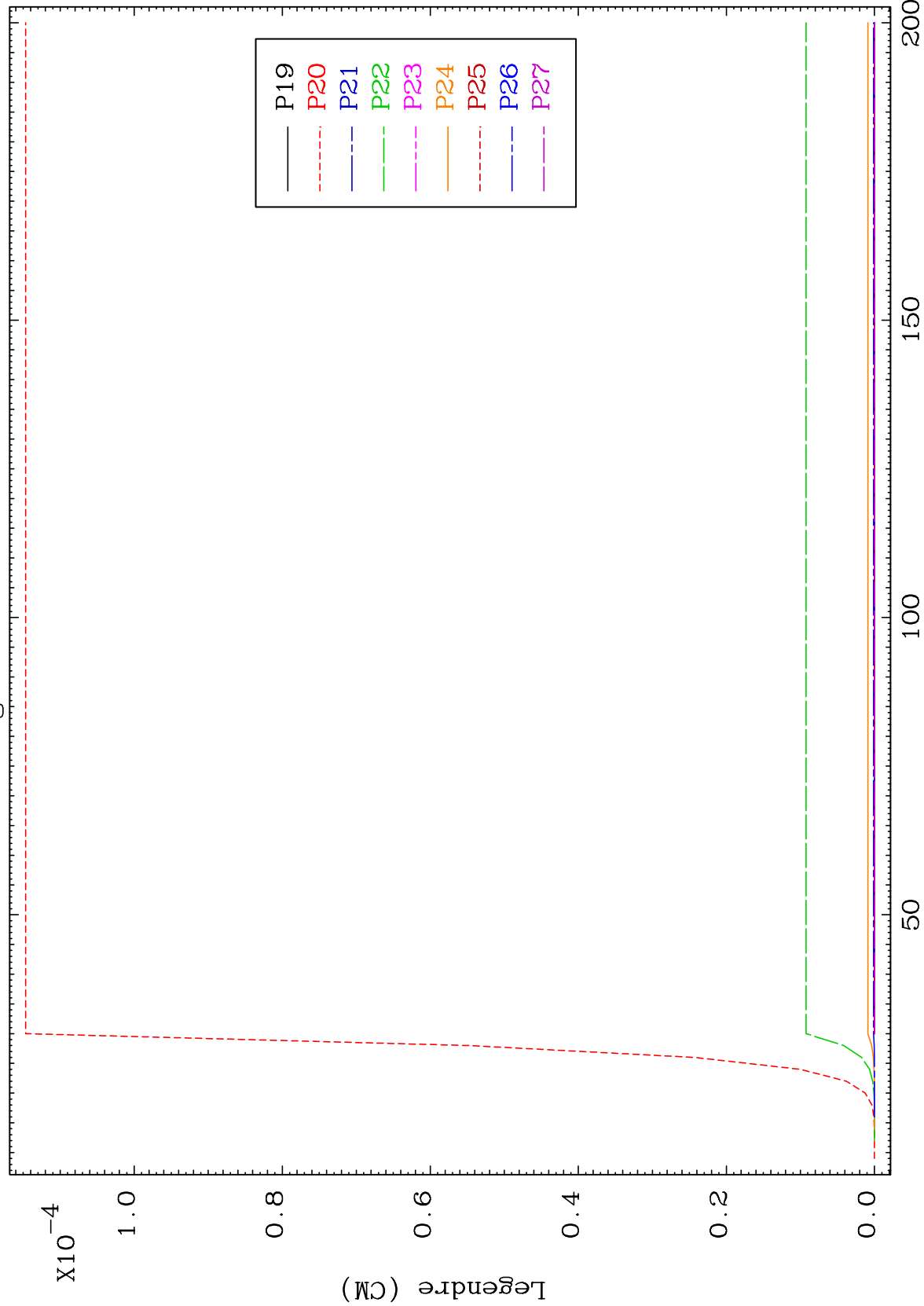
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



38

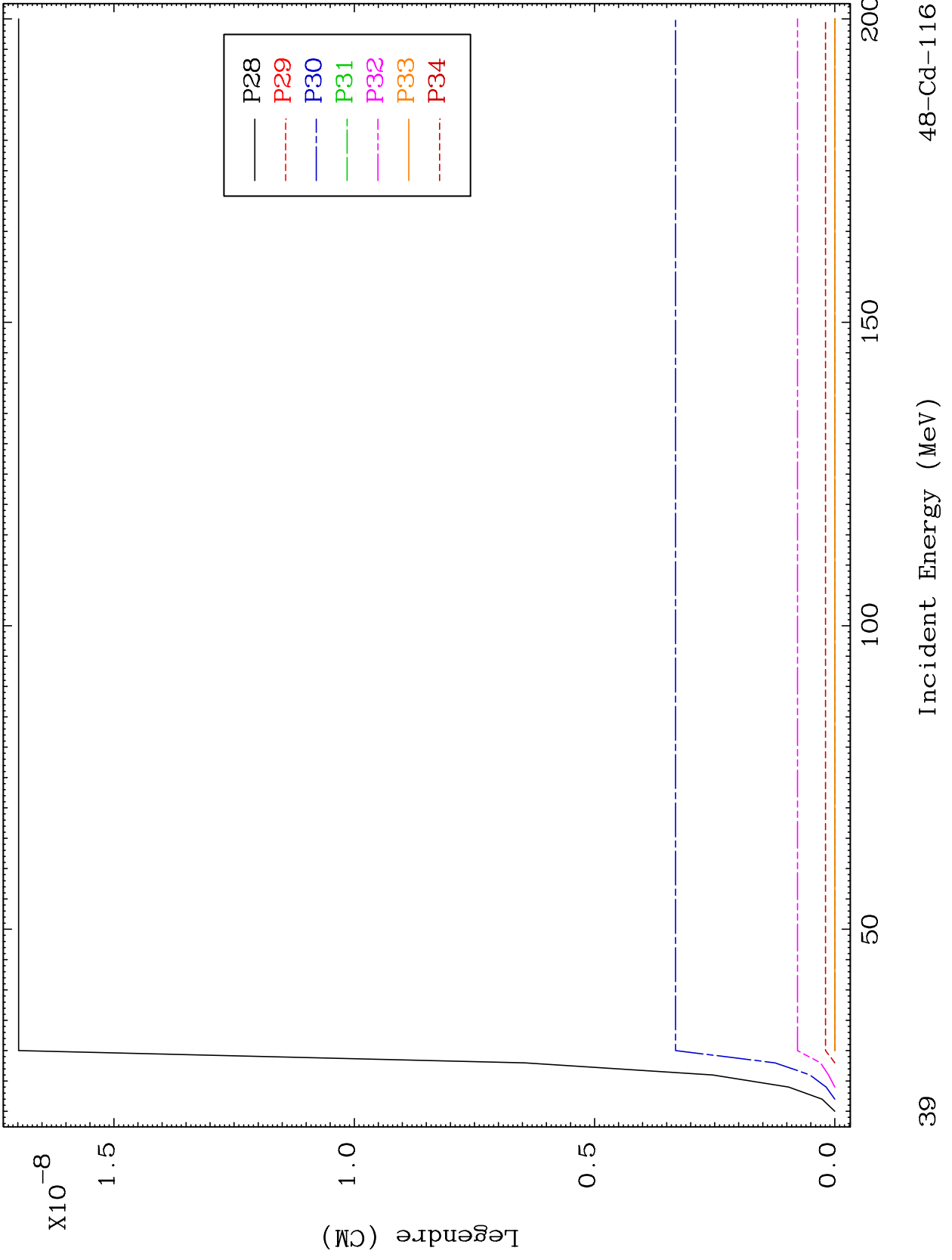
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

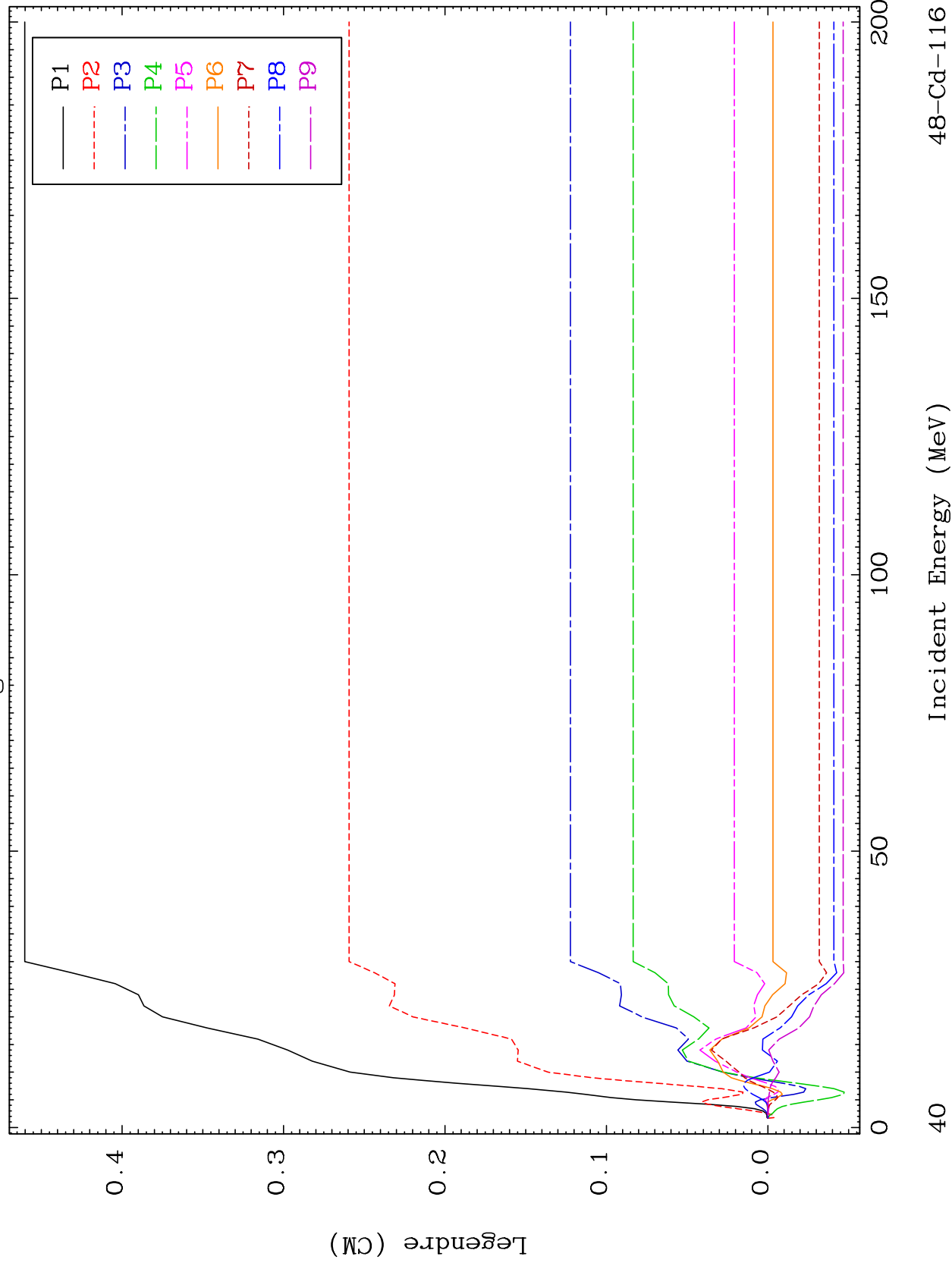
48-Cd-116



MAT 4855

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

48-Cd-116

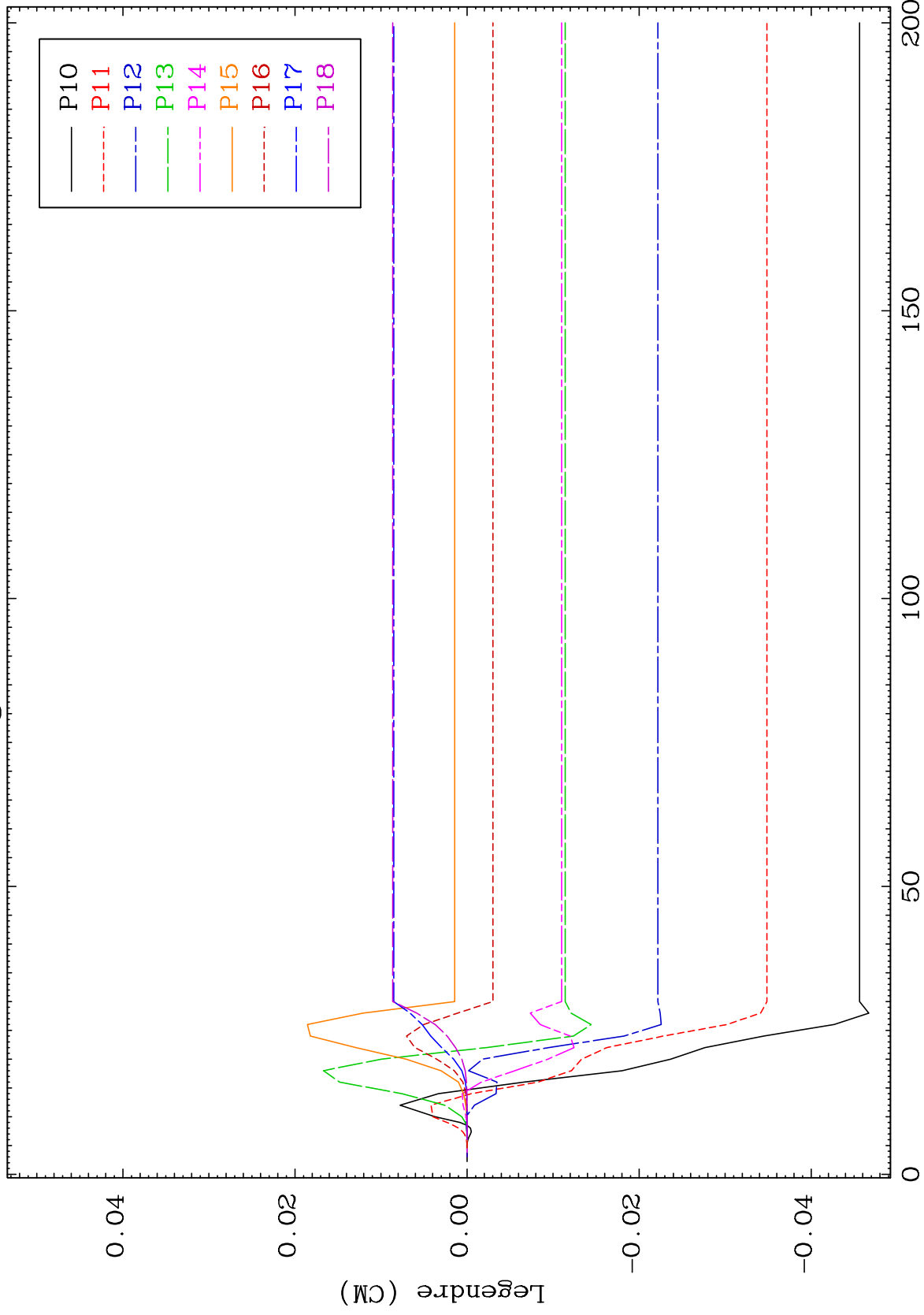


48-Cd-116

MAT 4855

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

48-Cd-116



41

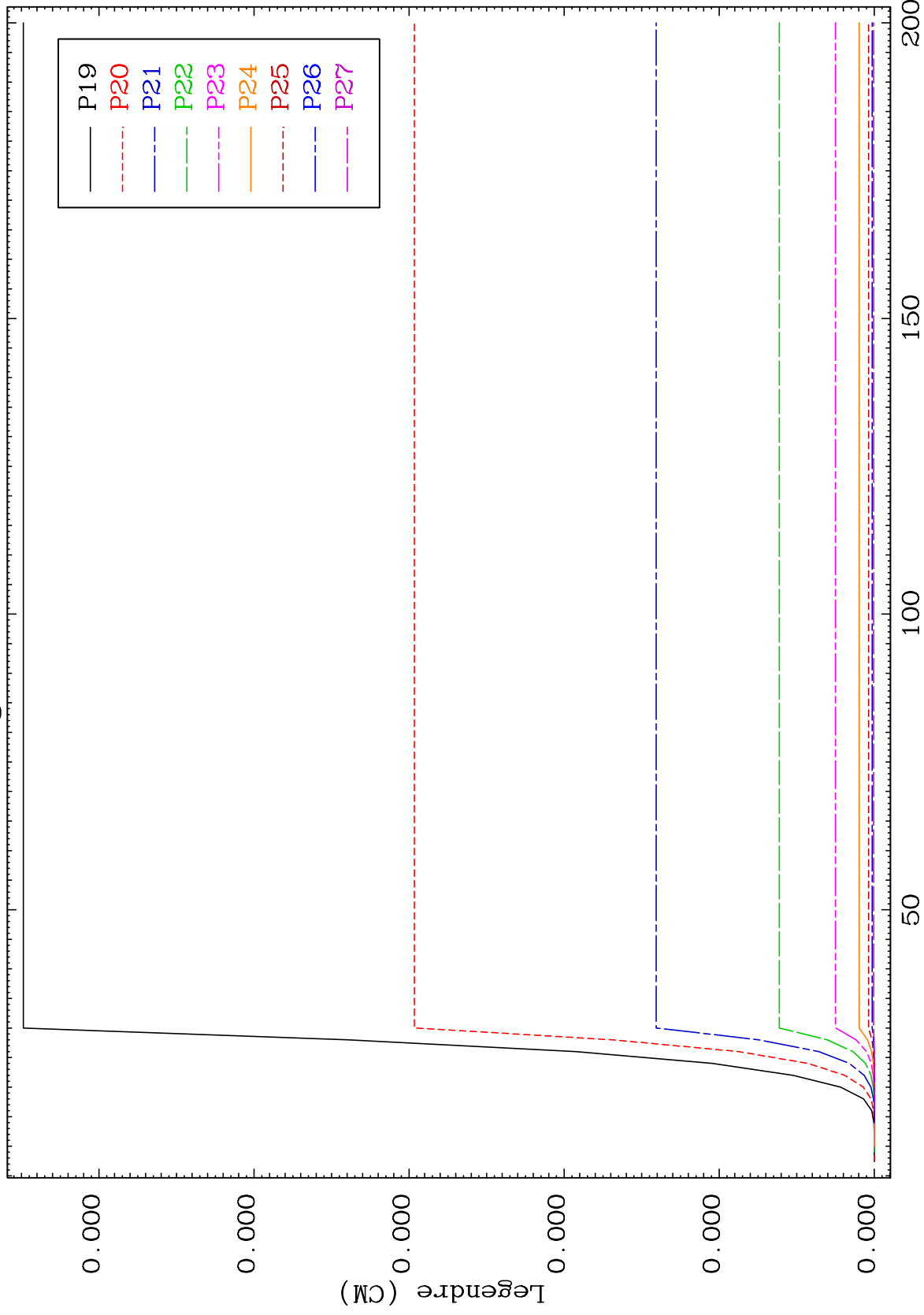
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



42

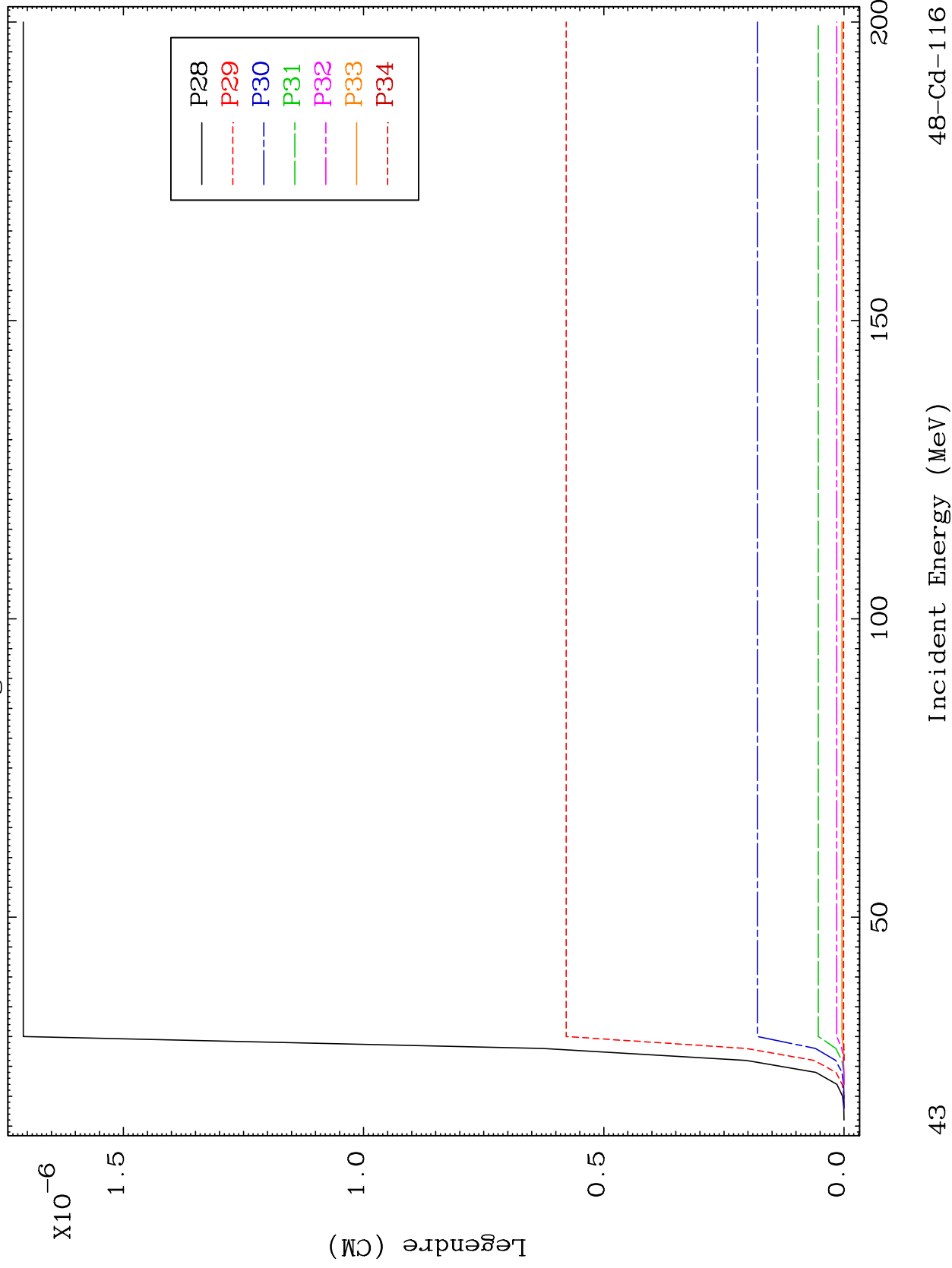
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

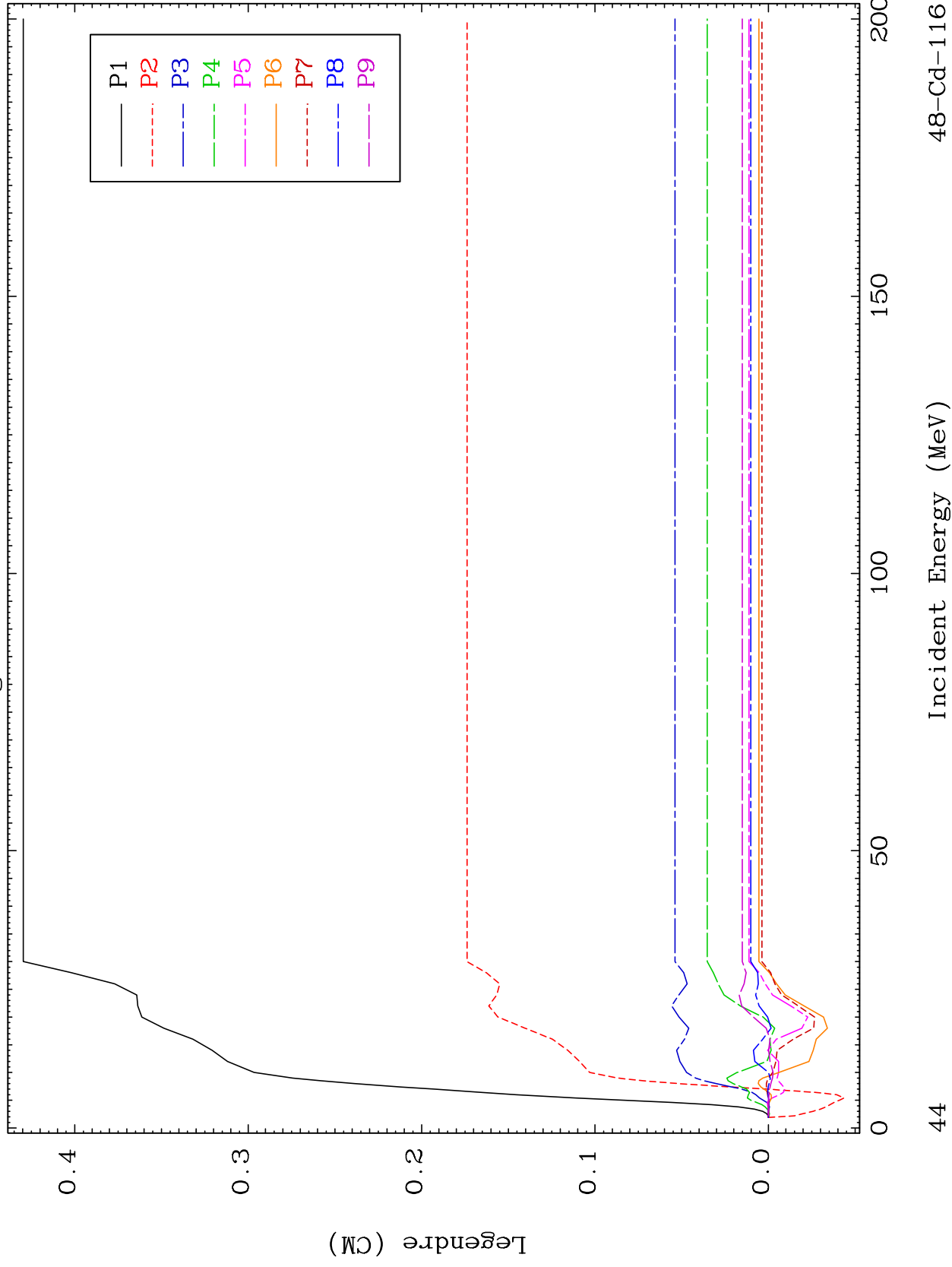
48-Cd-116



MAT 4855

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

48-Cd-116



48-Cd-116

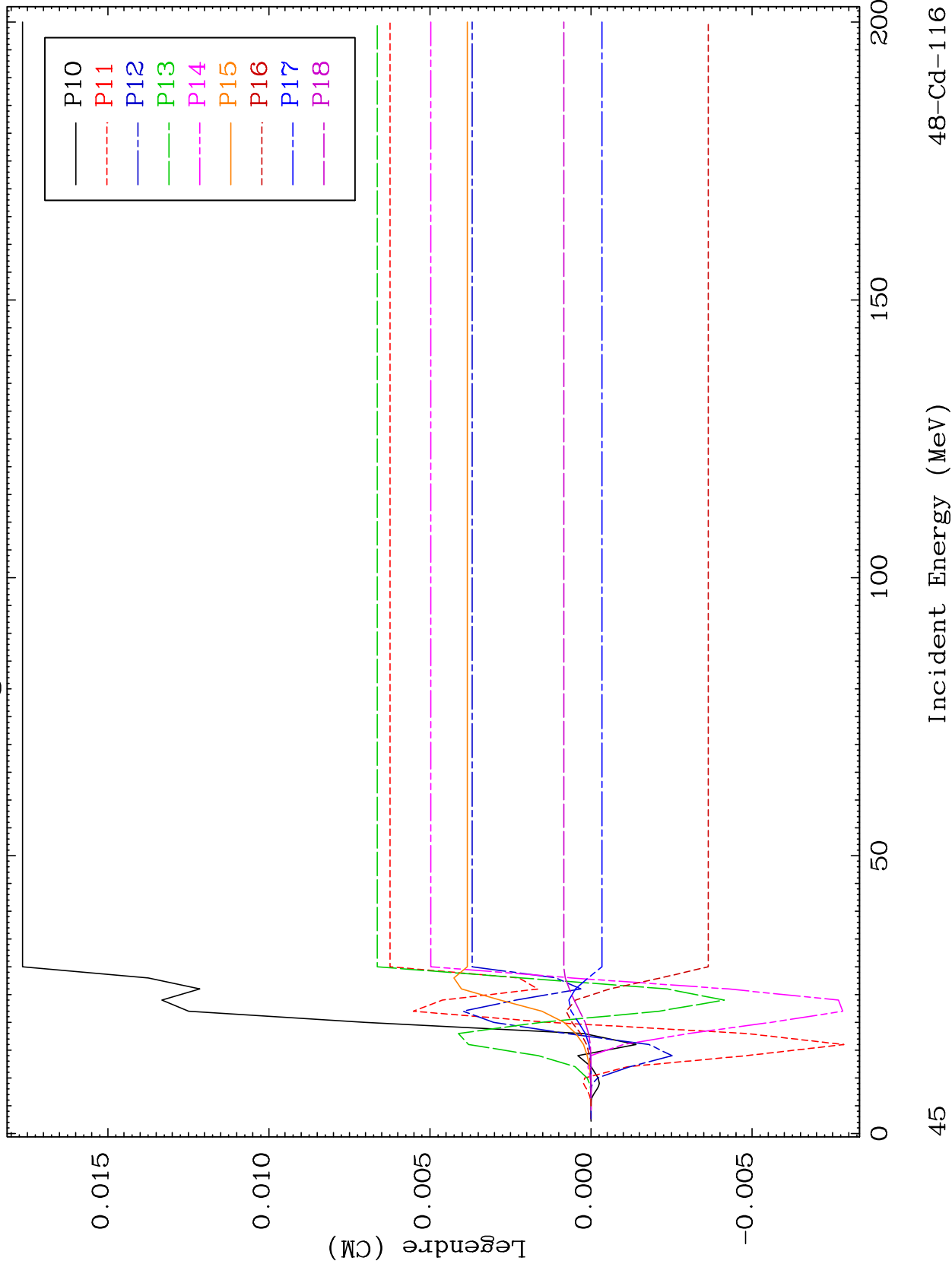
Incident Energy (MeV)

44

MAT 4855

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

48-Cd-116



48-Cd-116

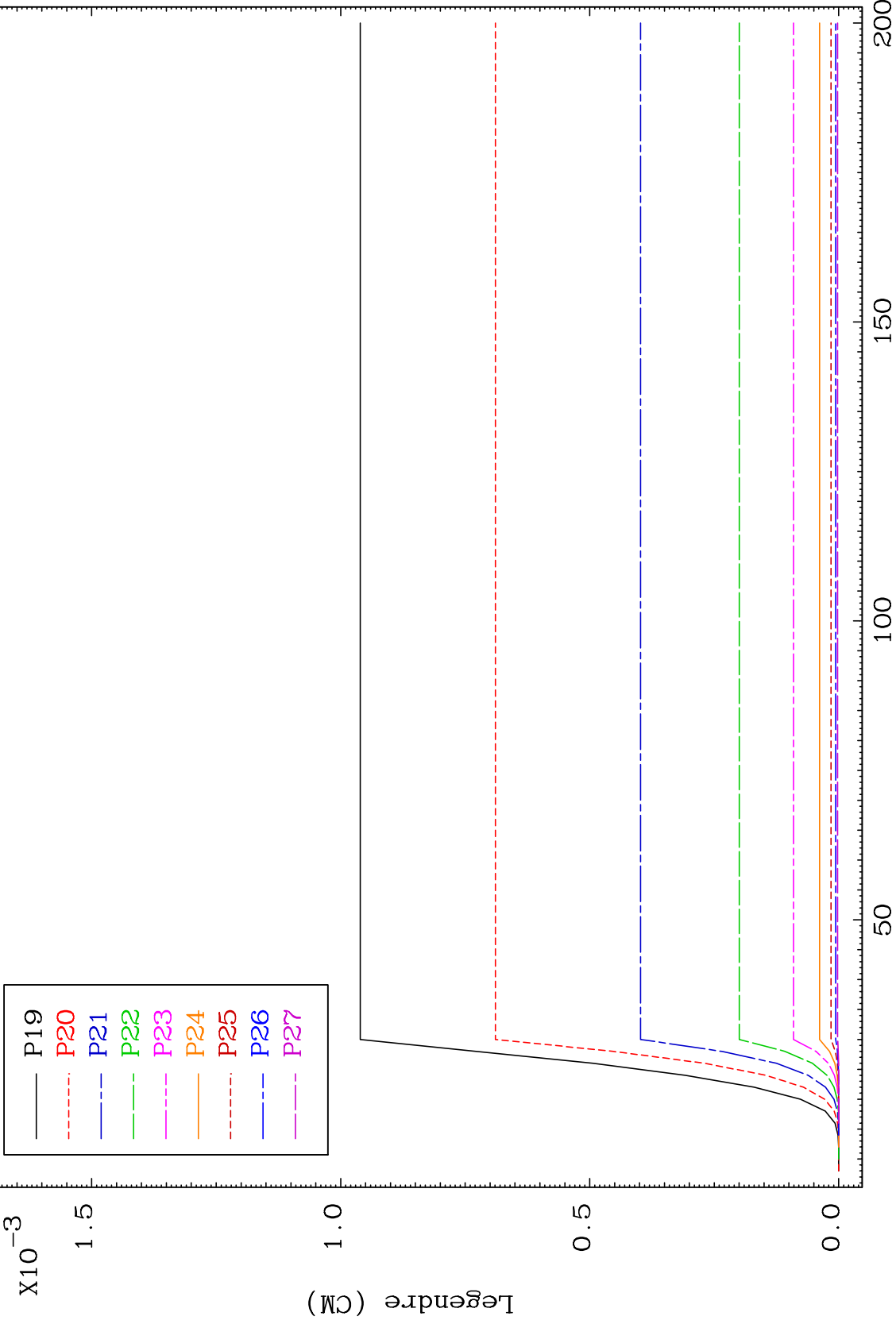
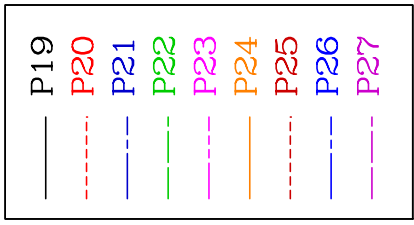
Incident Energy (MeV)

45

MAT 4855

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

48-Cd-116



46

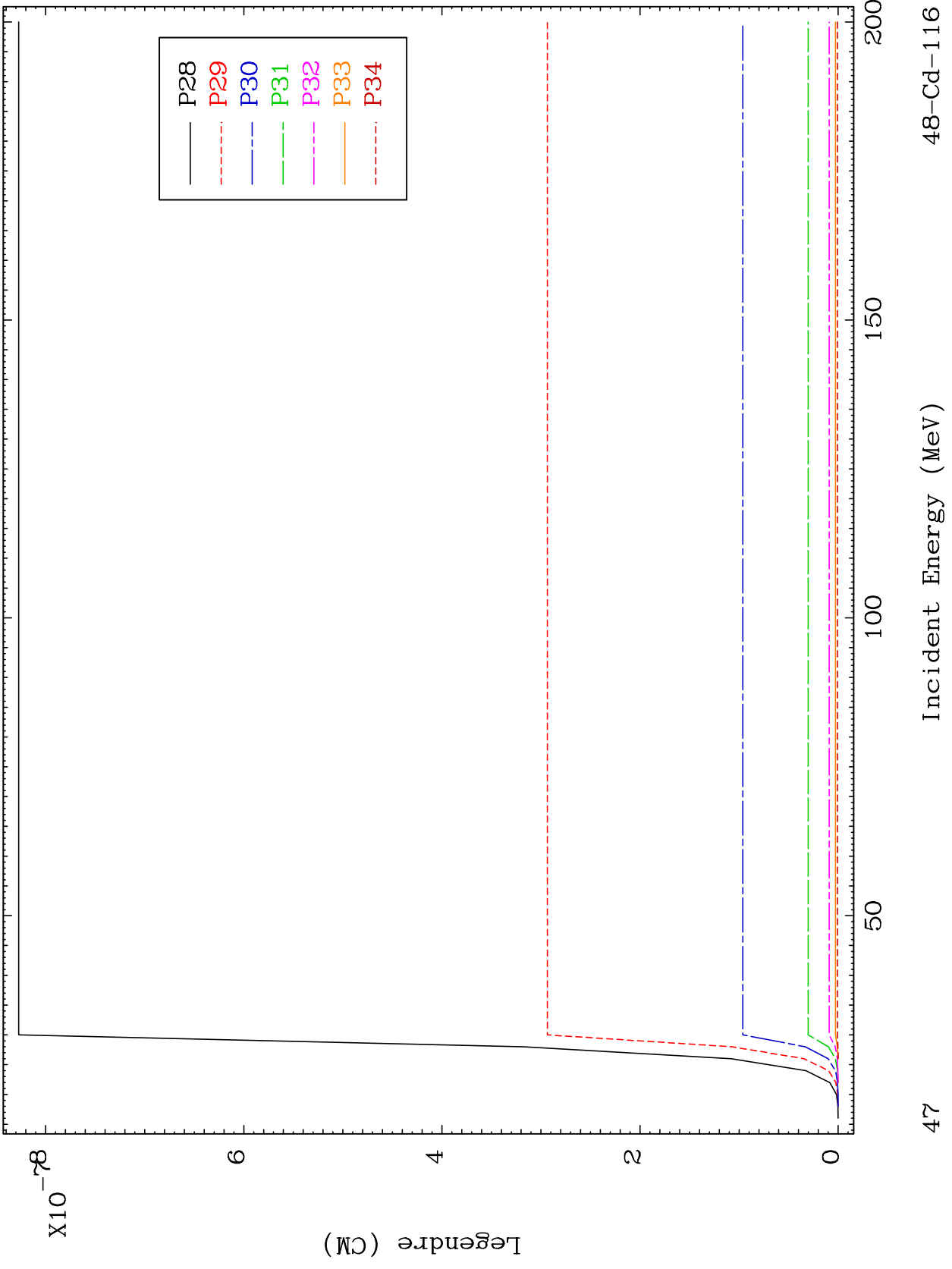
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

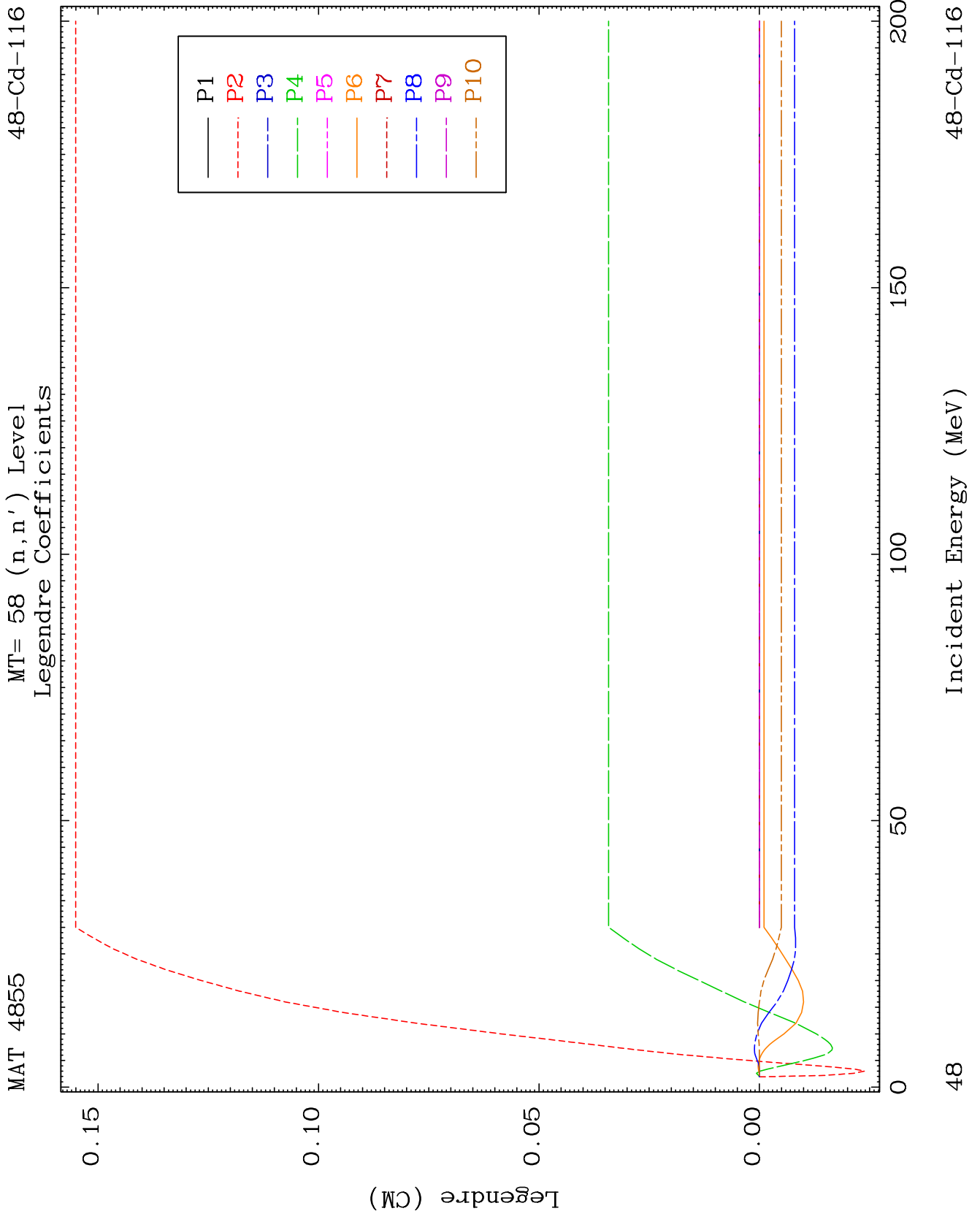
48-Cd-116



47

Incident Energy (MeV)

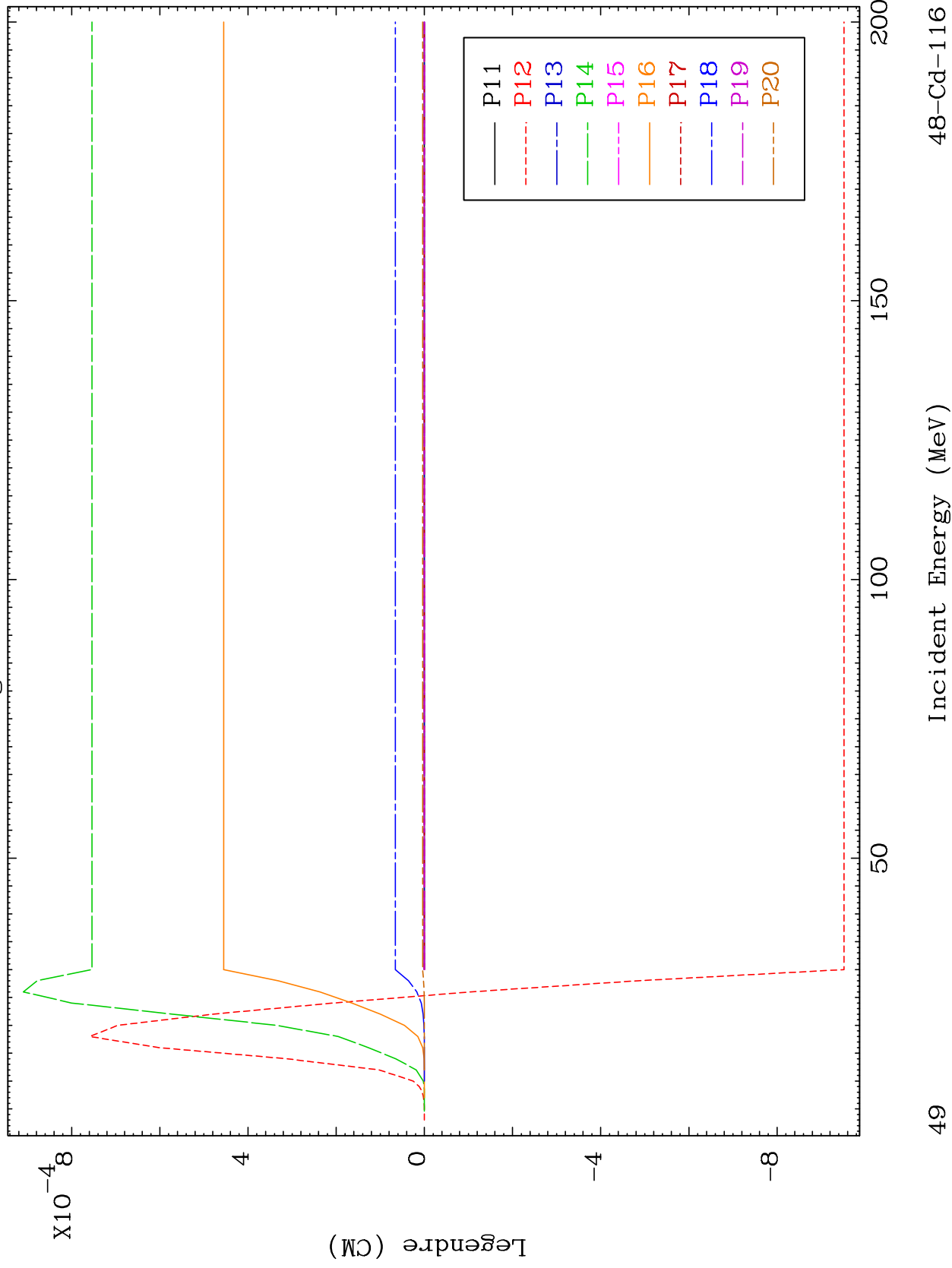
48-Cd-116



MAT 4855

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

48-Cd-116



49

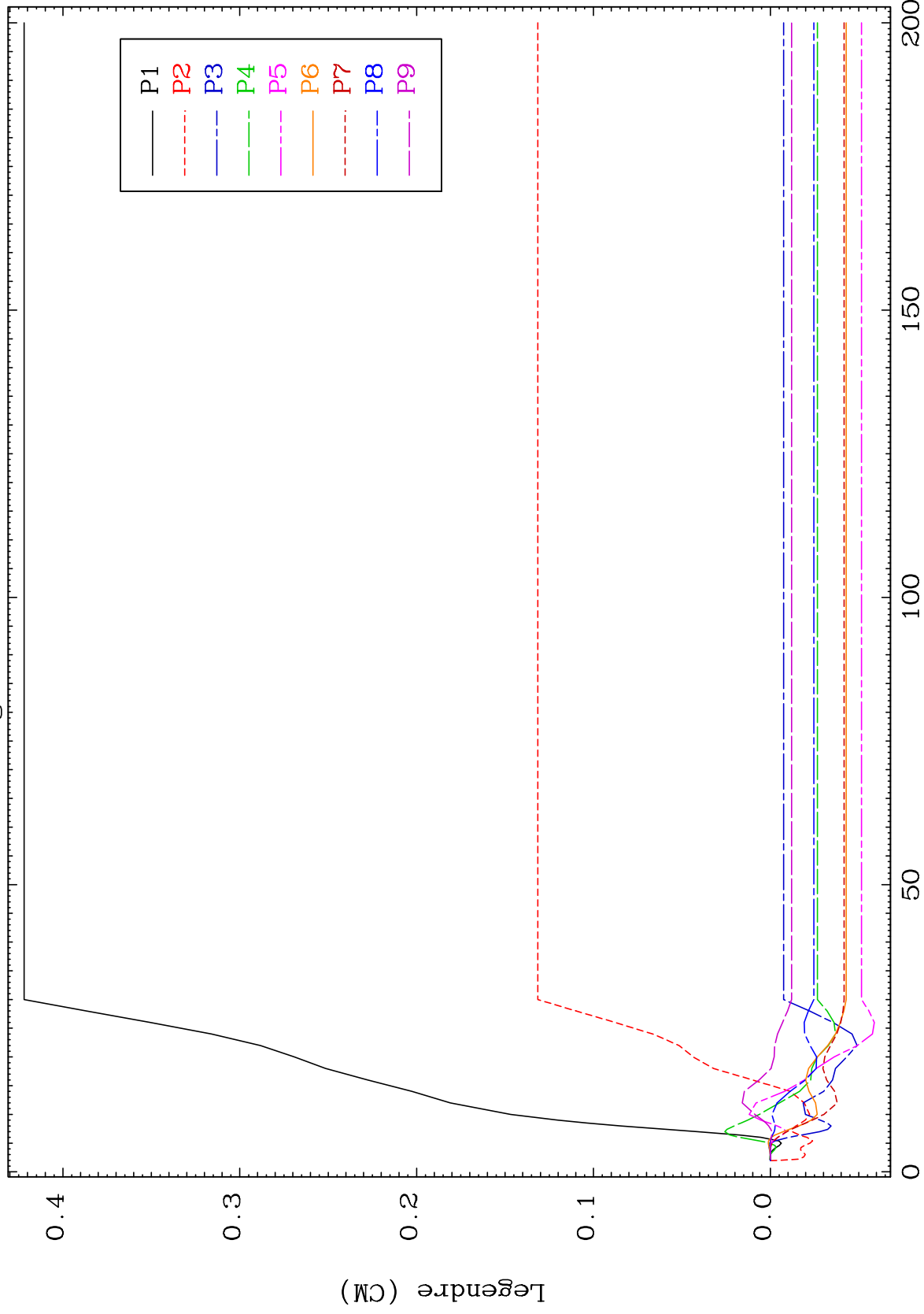
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



51

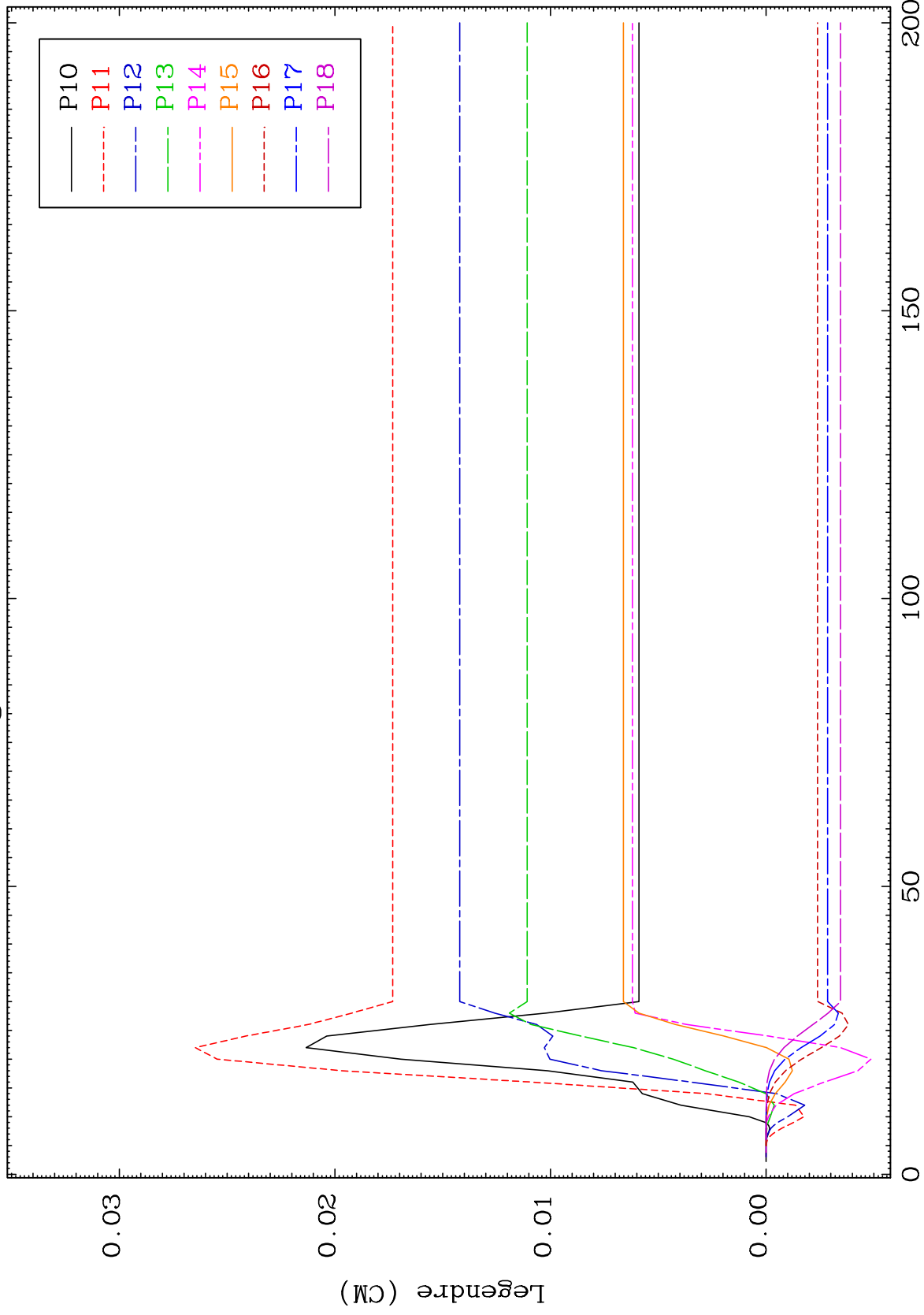
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

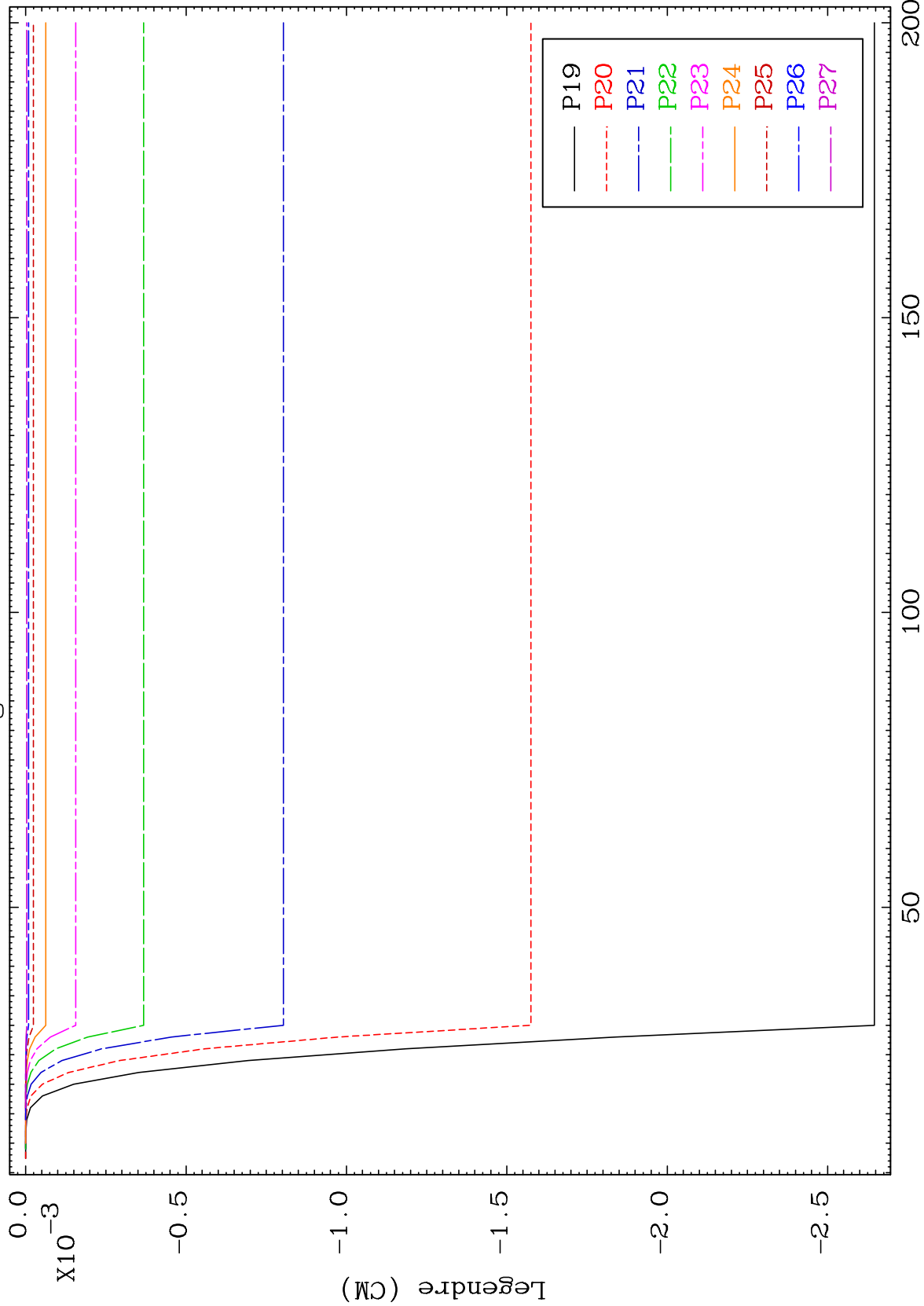
48-Cd-116

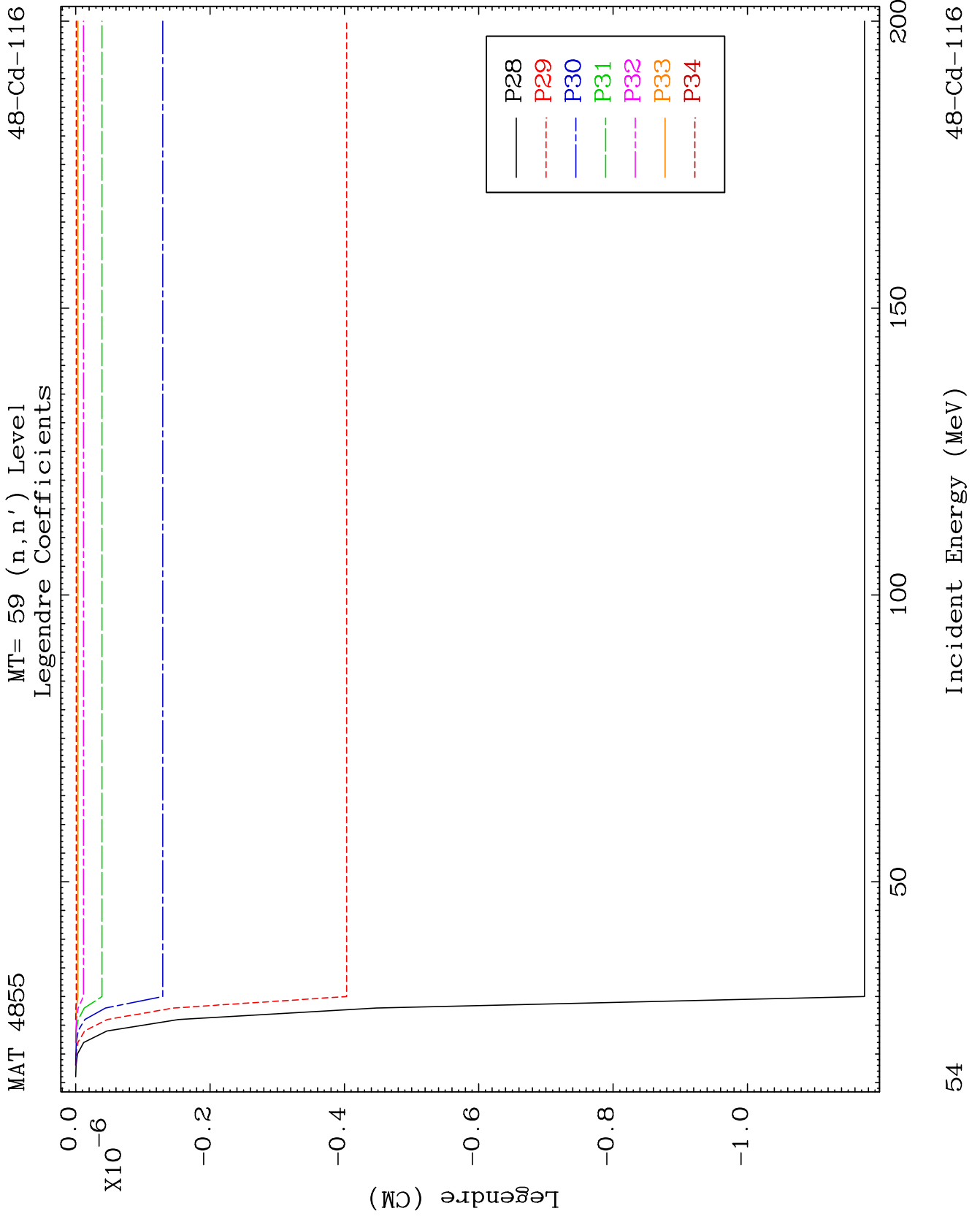


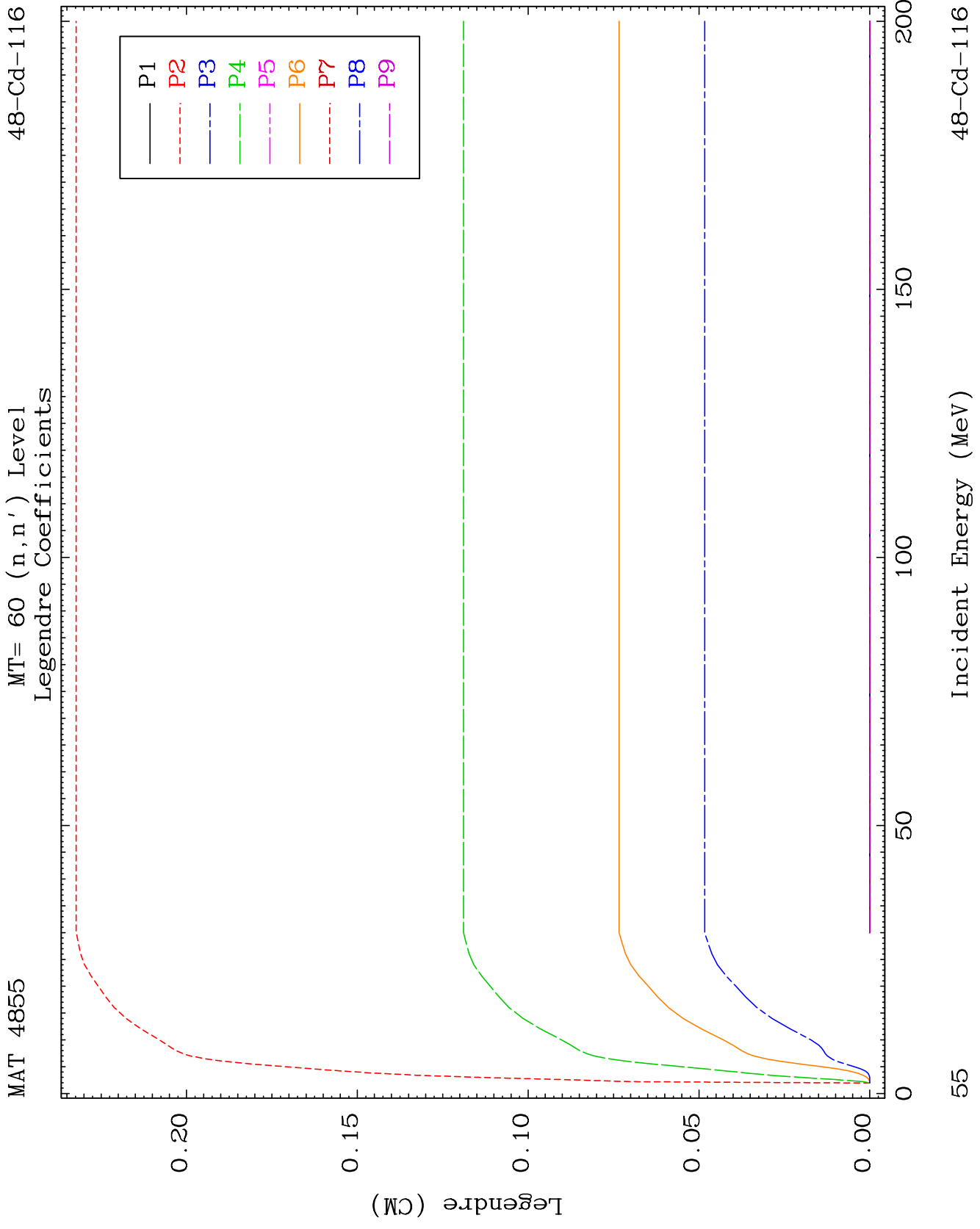
52

Incident Energy (MeV)

48-Cd-116



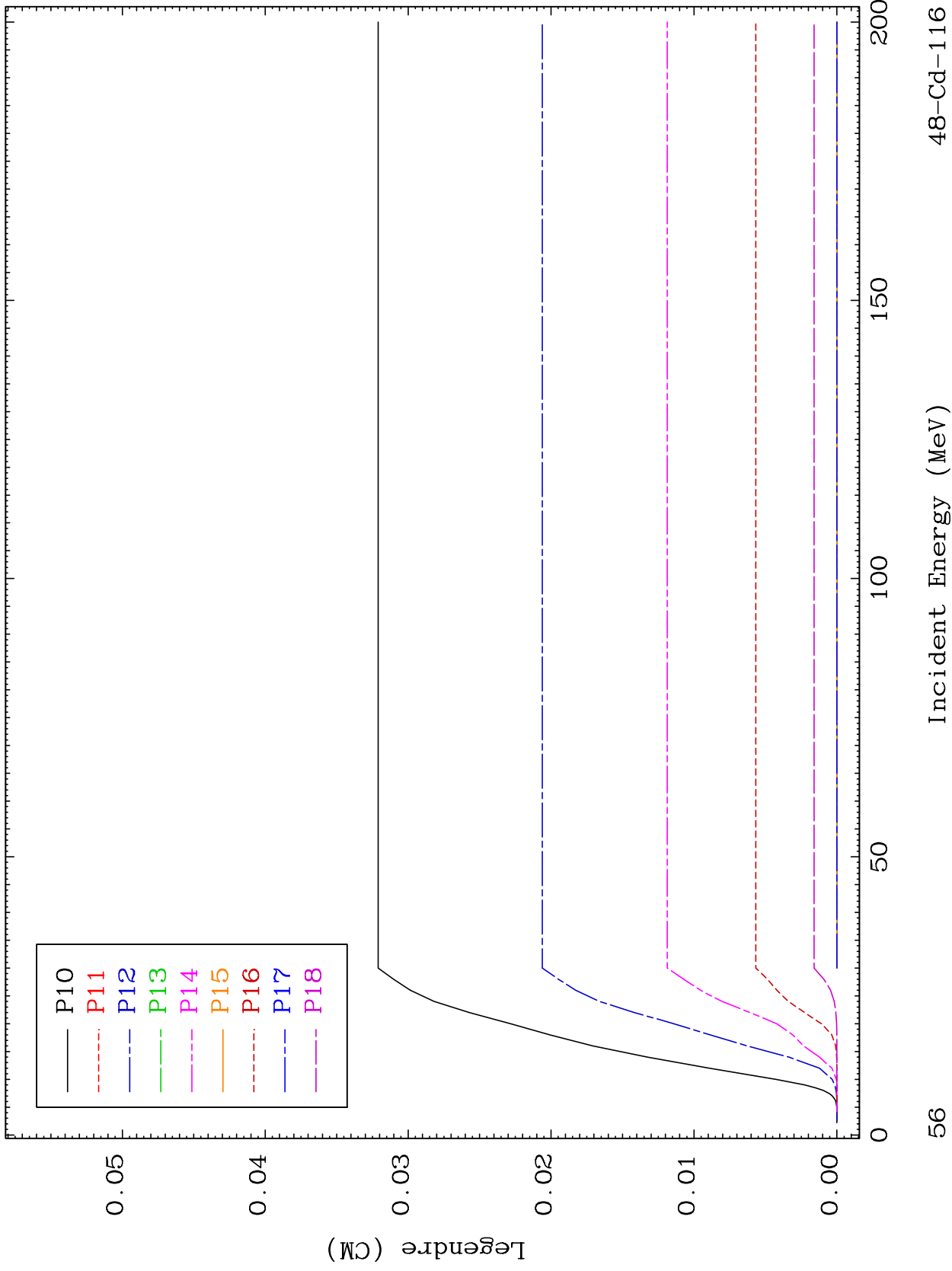




MAT 4855

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

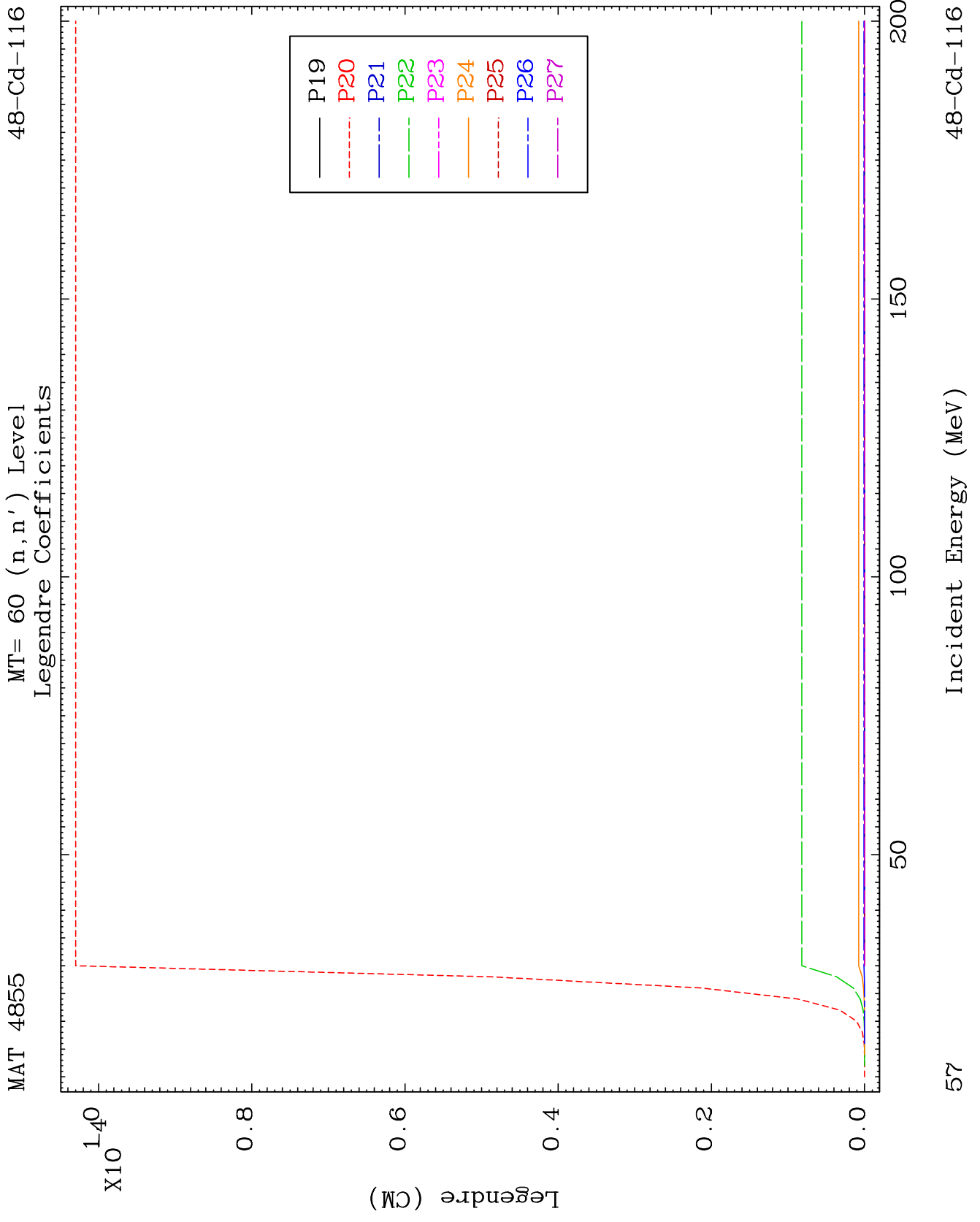
48-Cd-116



56

Incident Energy (MeV)

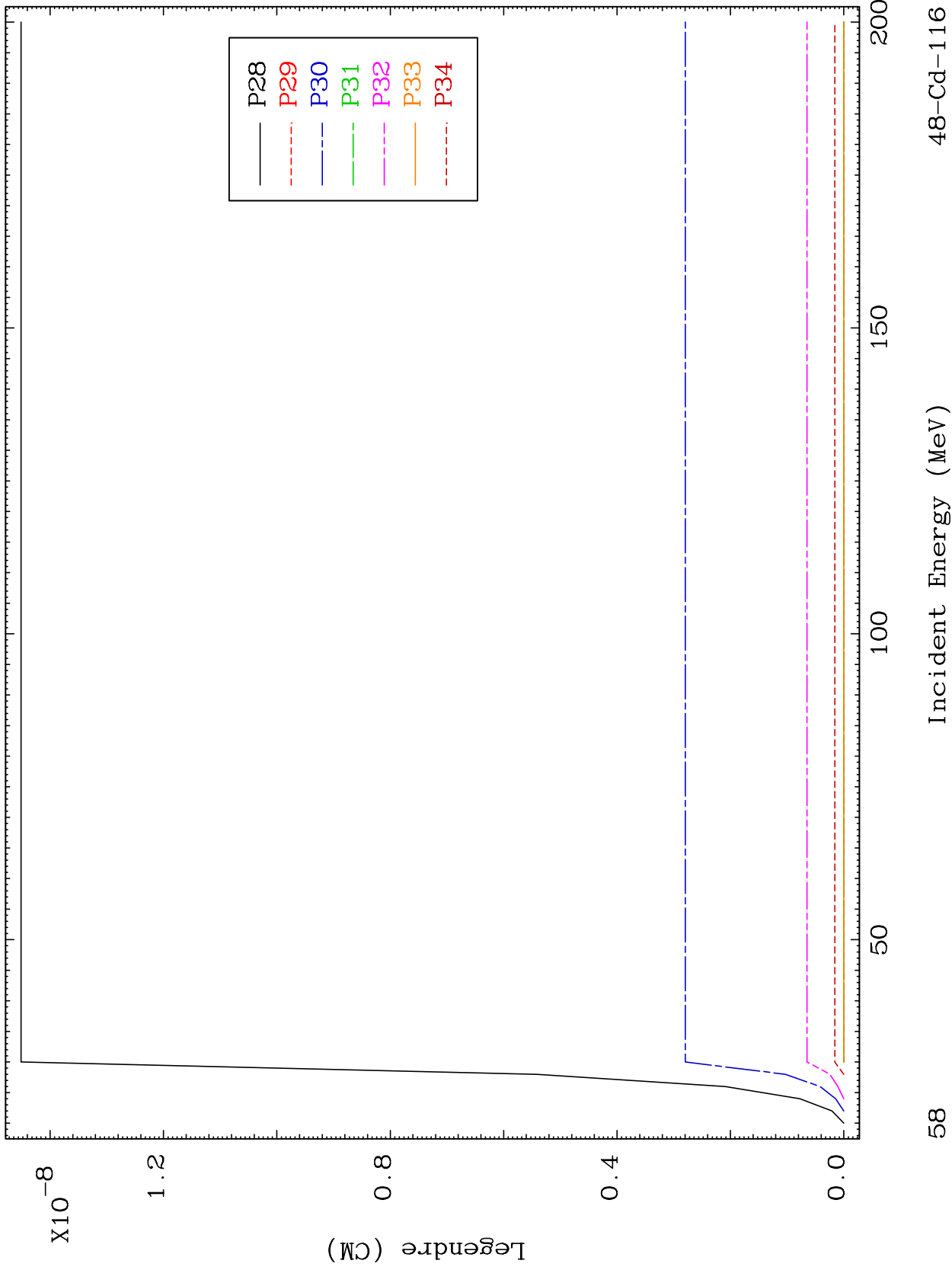
48-Cd-116



MAT 4855

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

48-Cd-116



58

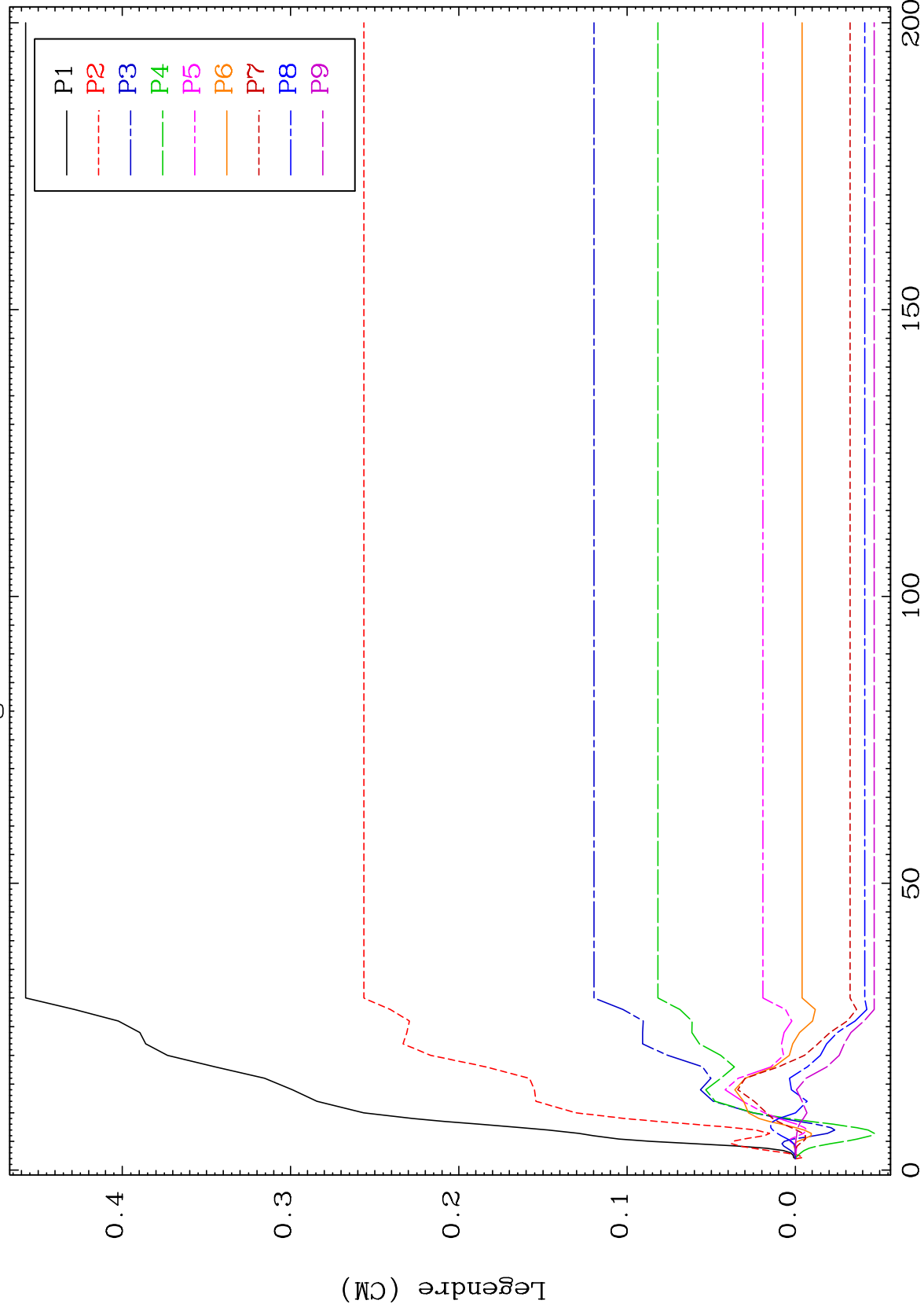
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

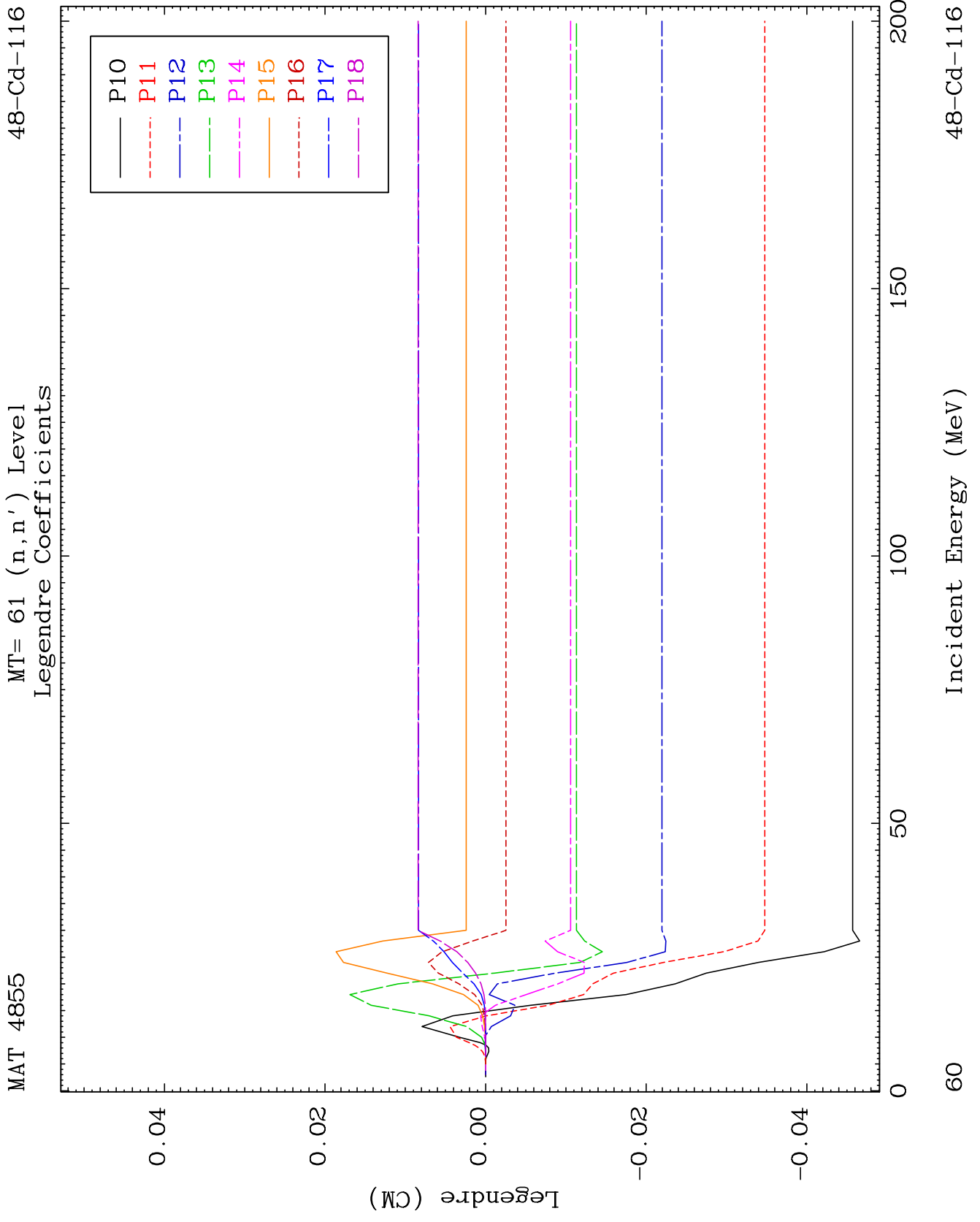
48-Cd-116



59

Incident Energy (MeV)

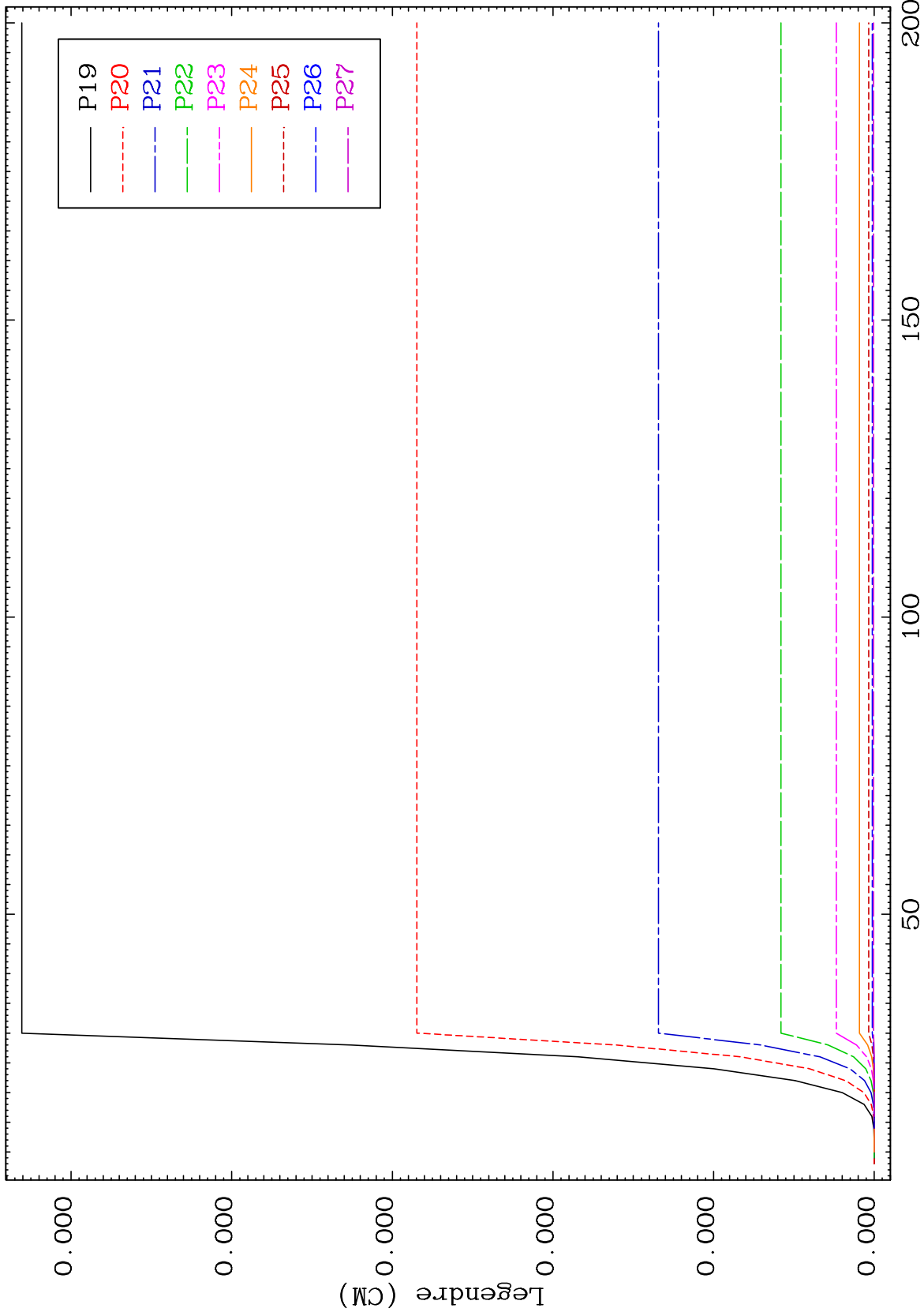
48-Cd-116



MAT 4855

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

48-Cd-116



61

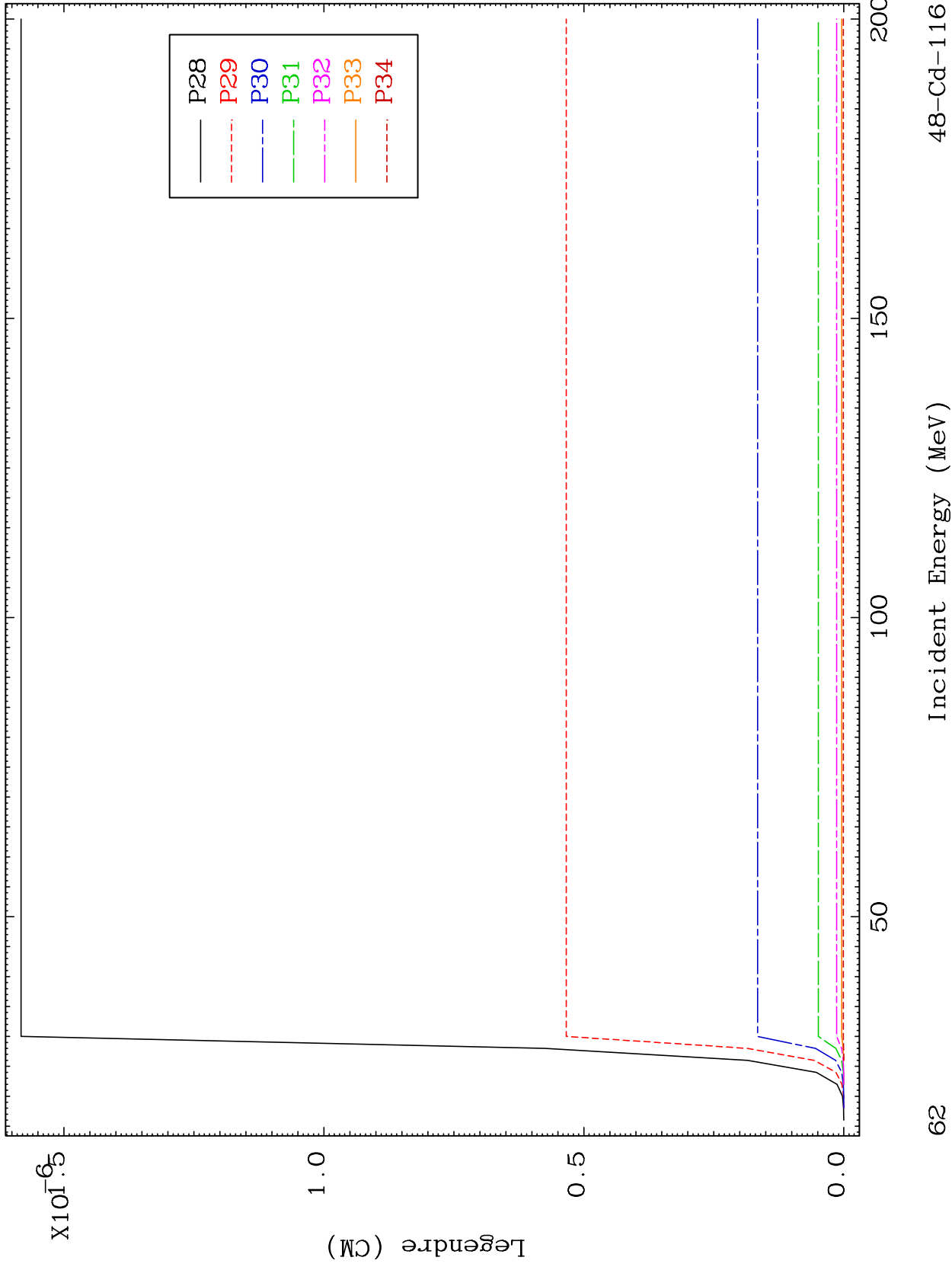
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



62

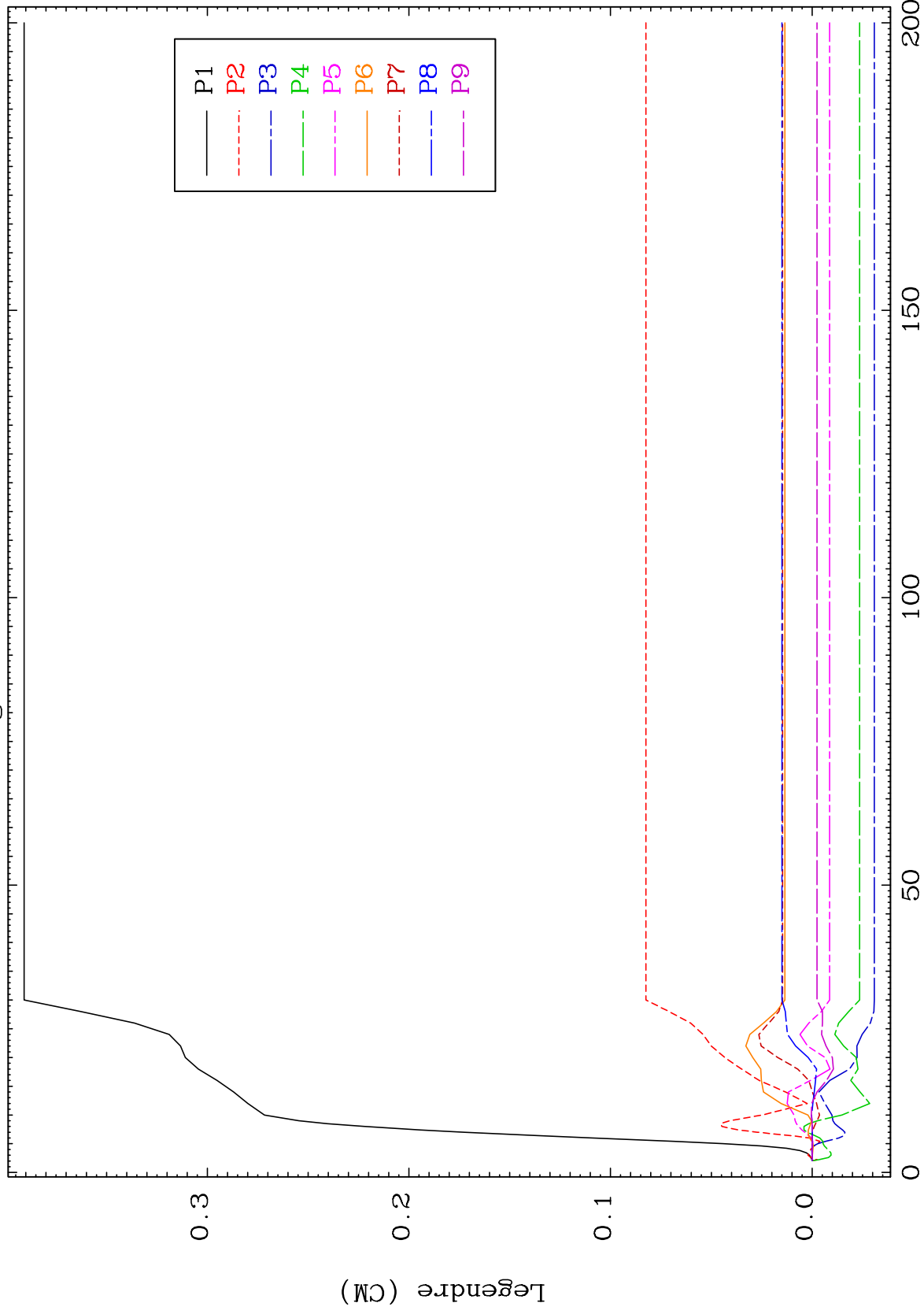
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



63

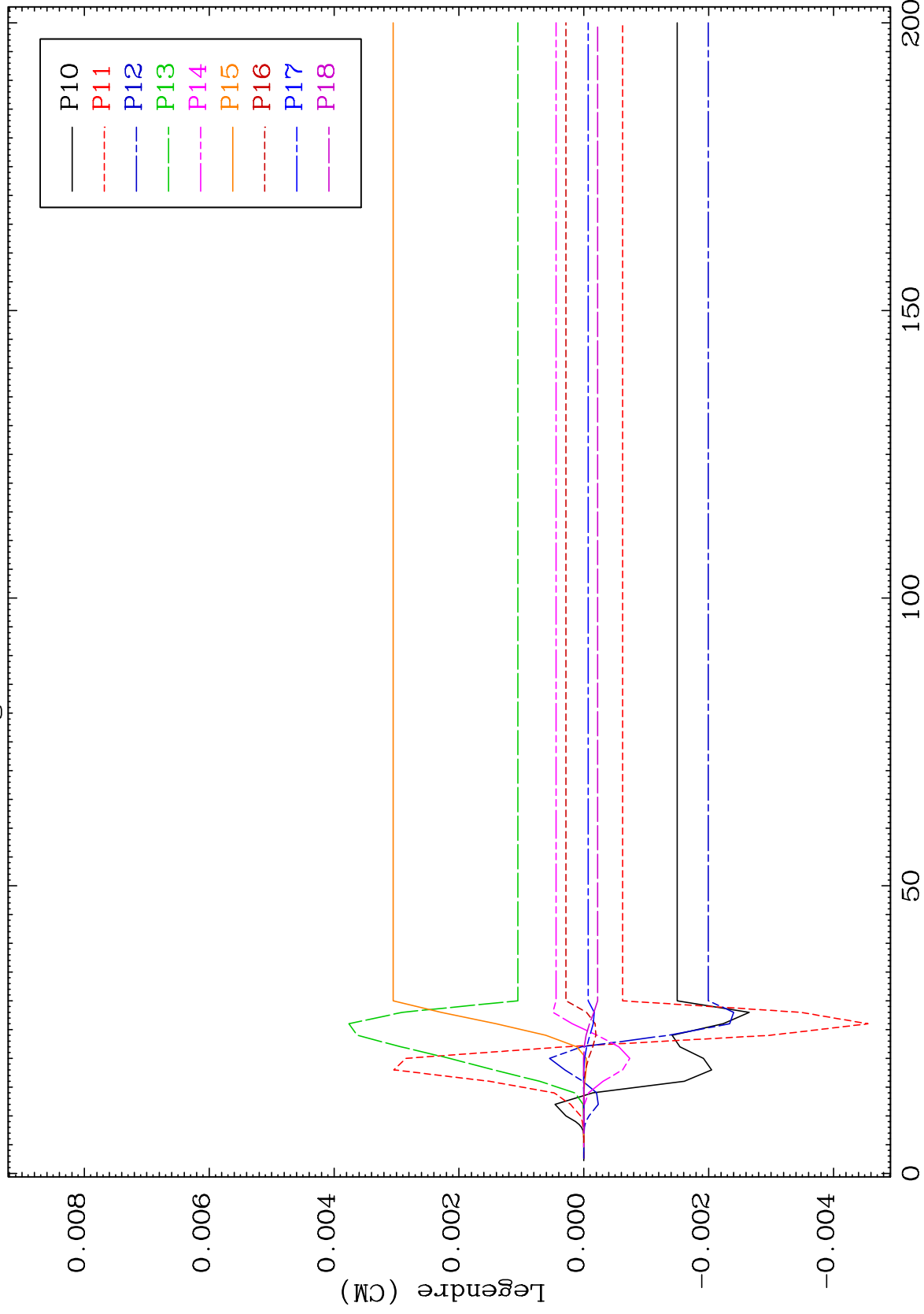
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

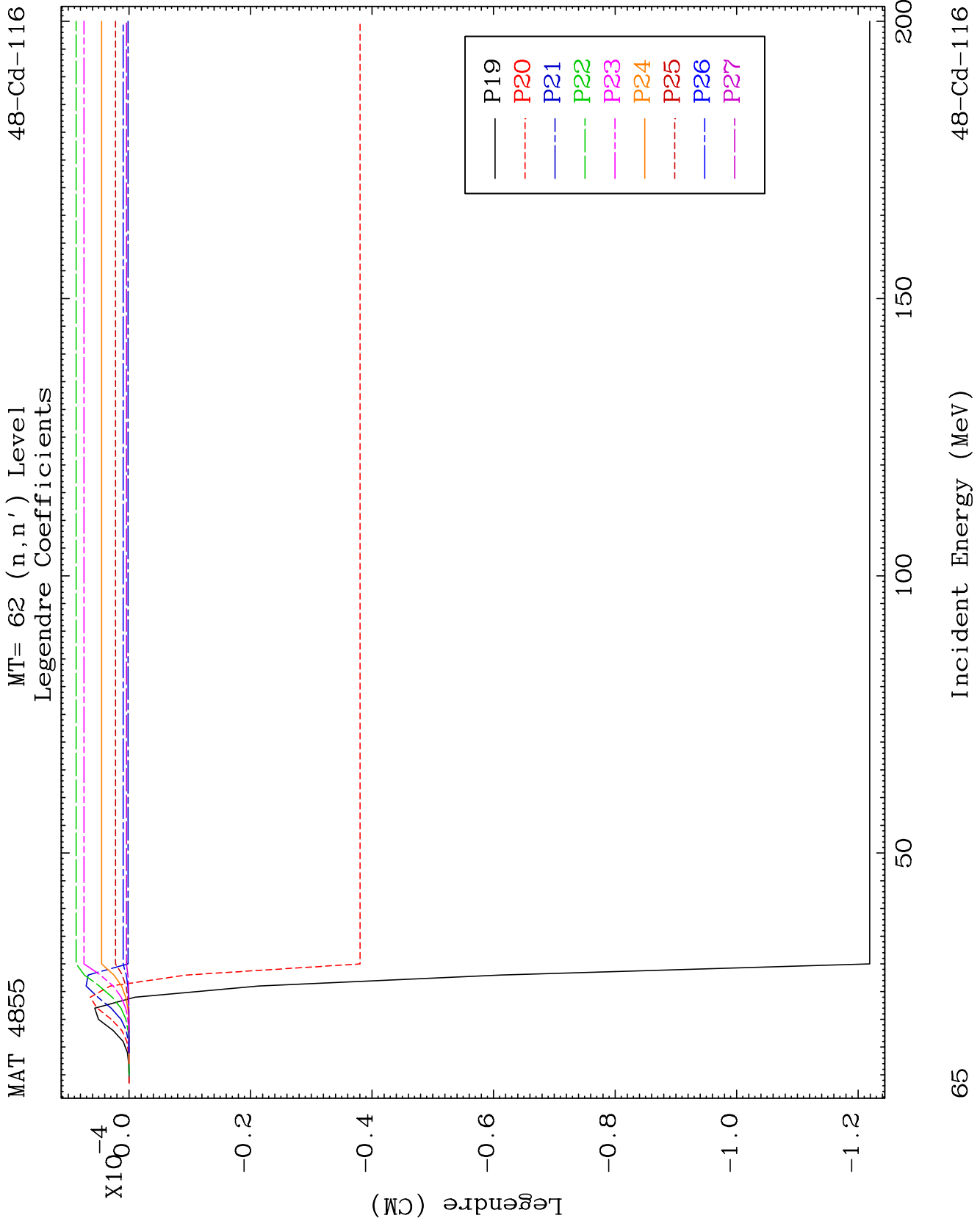
48-Cd-116



64

Incident Energy (MeV)

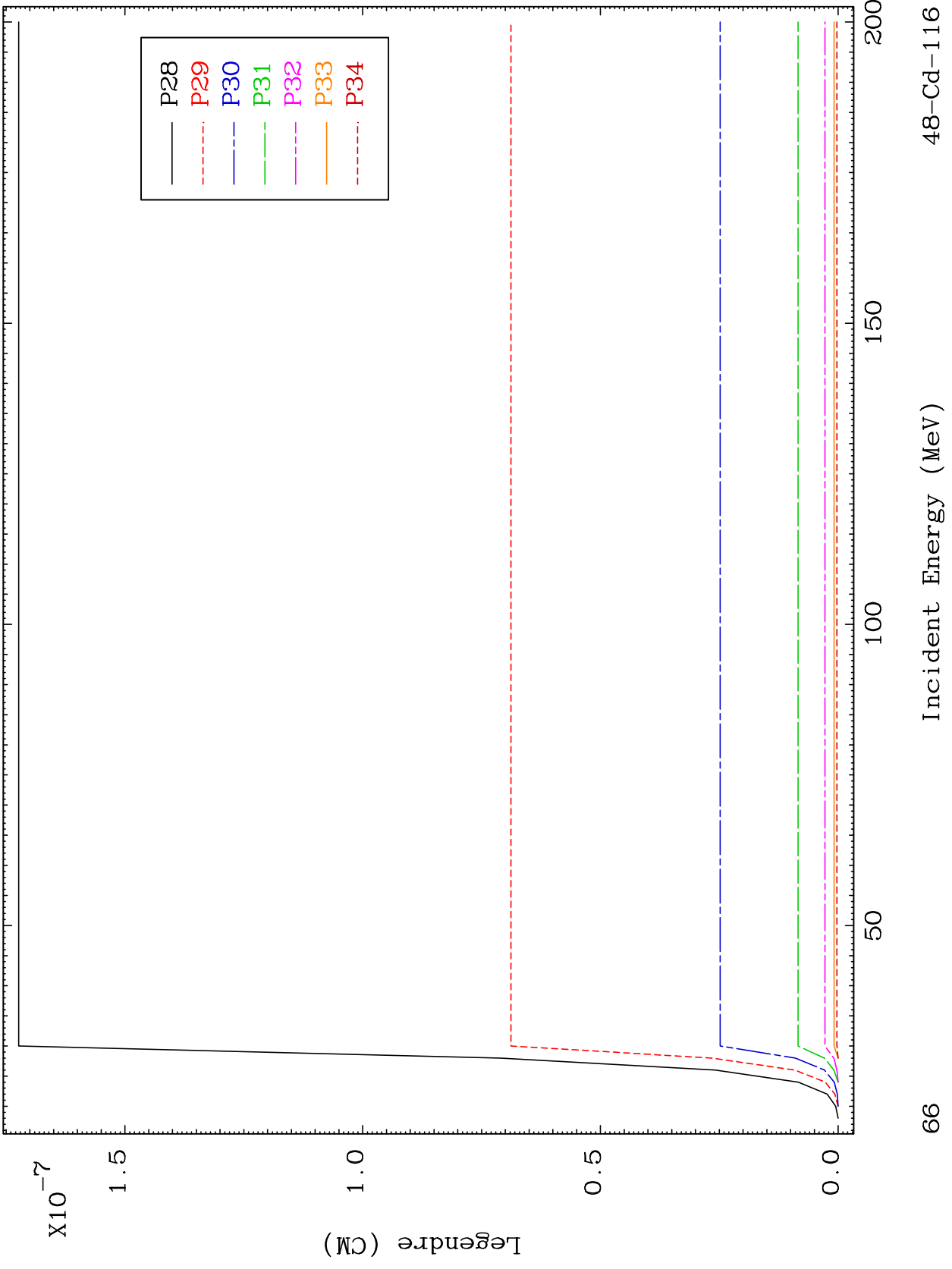
48-Cd-116



MAT 4855

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

48-Cd-116



66

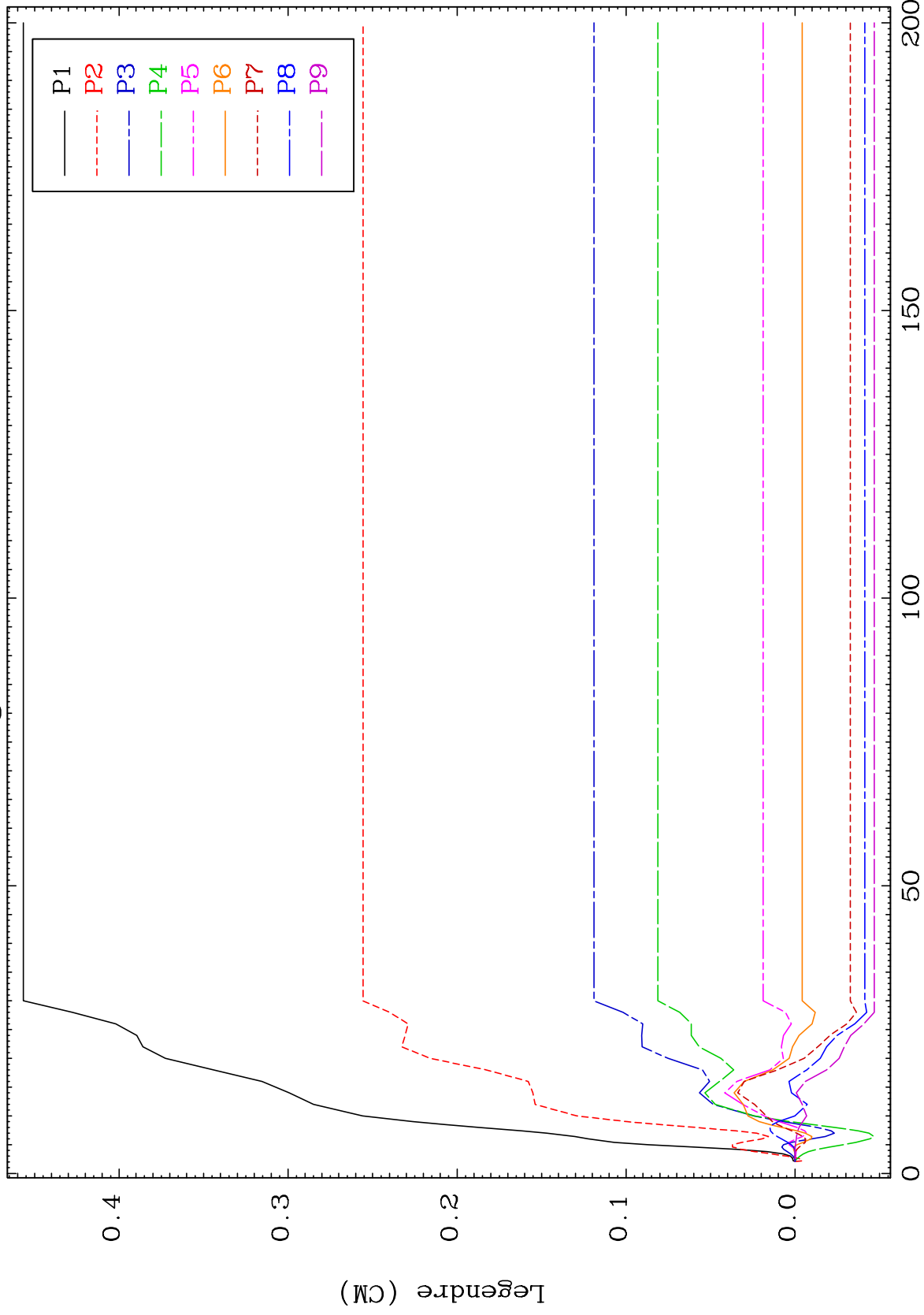
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



67

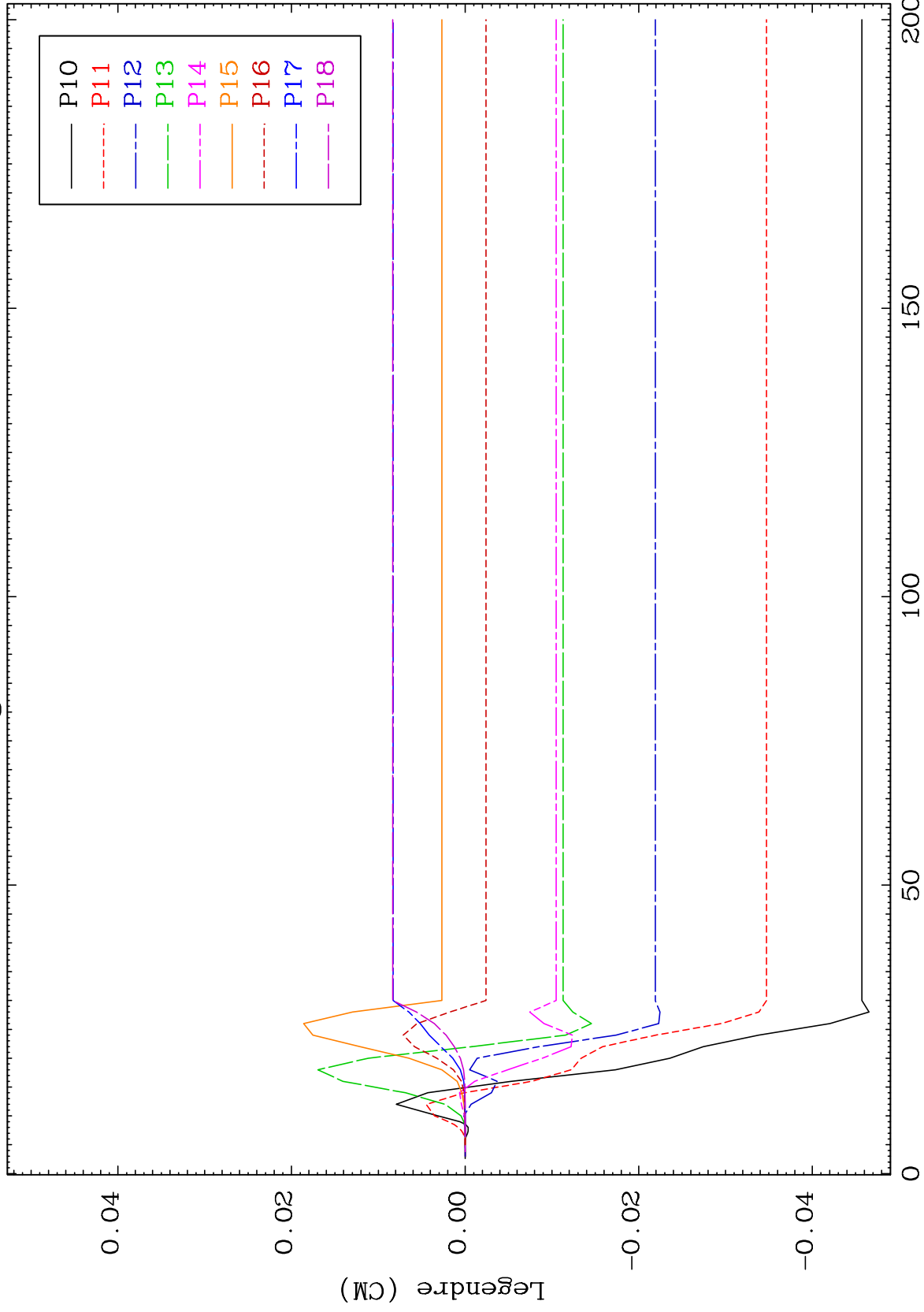
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



68

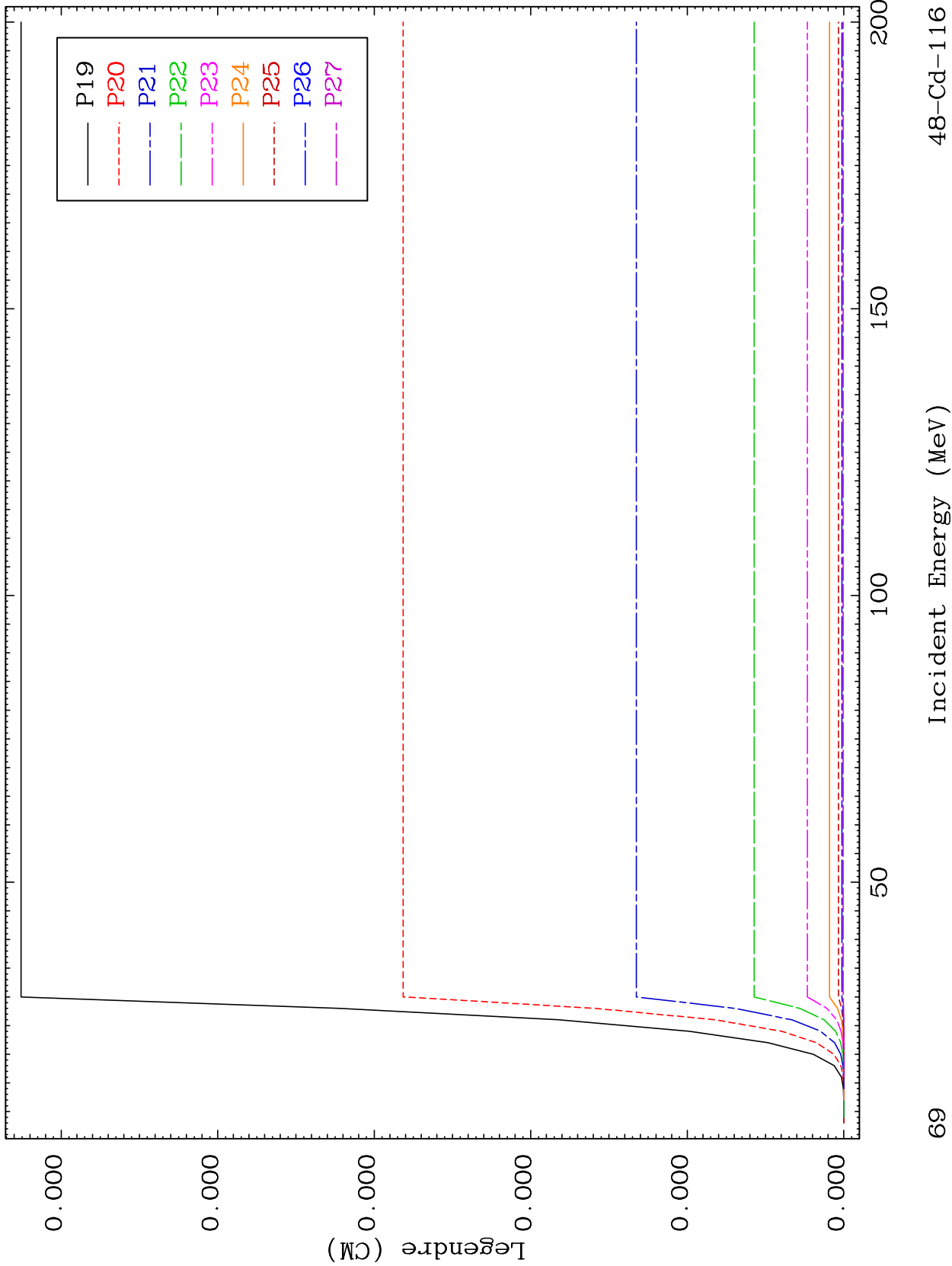
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

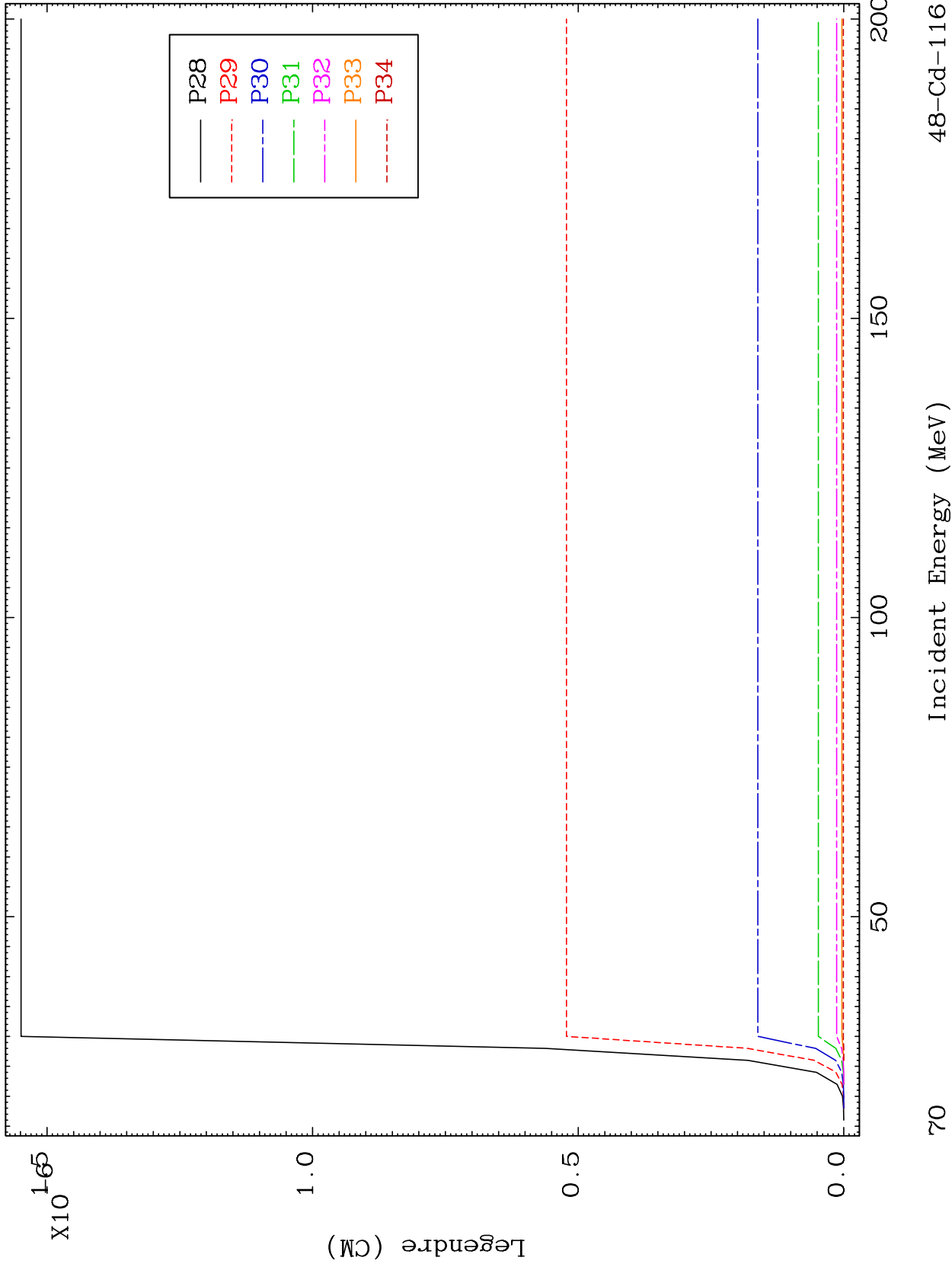
48-Cd-116



MAT 4855

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

48-Cd-116



48-Cd-116

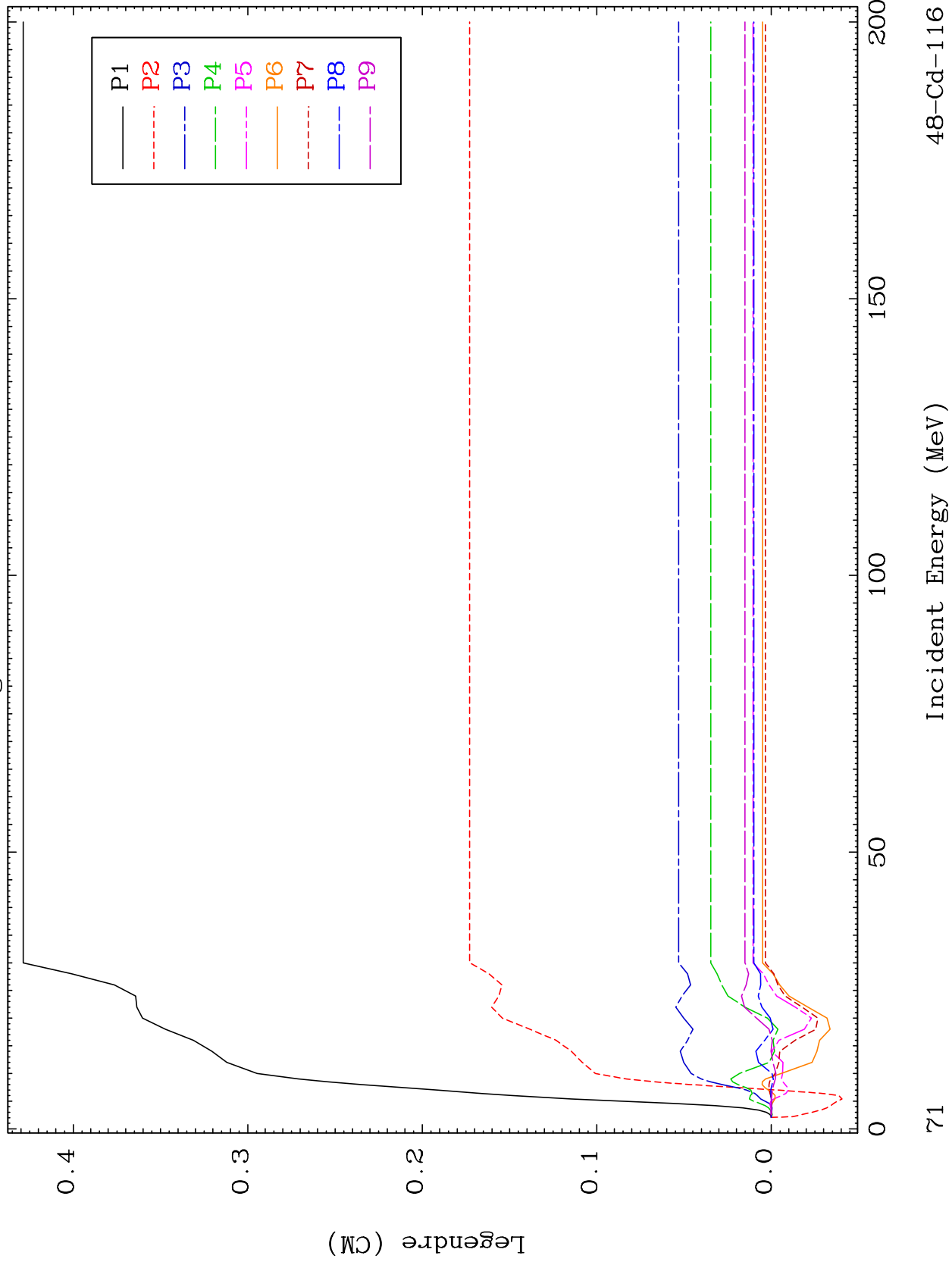
Incident Energy (MeV)

70

MAT 4855

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

48-Cd-116



48-Cd-116

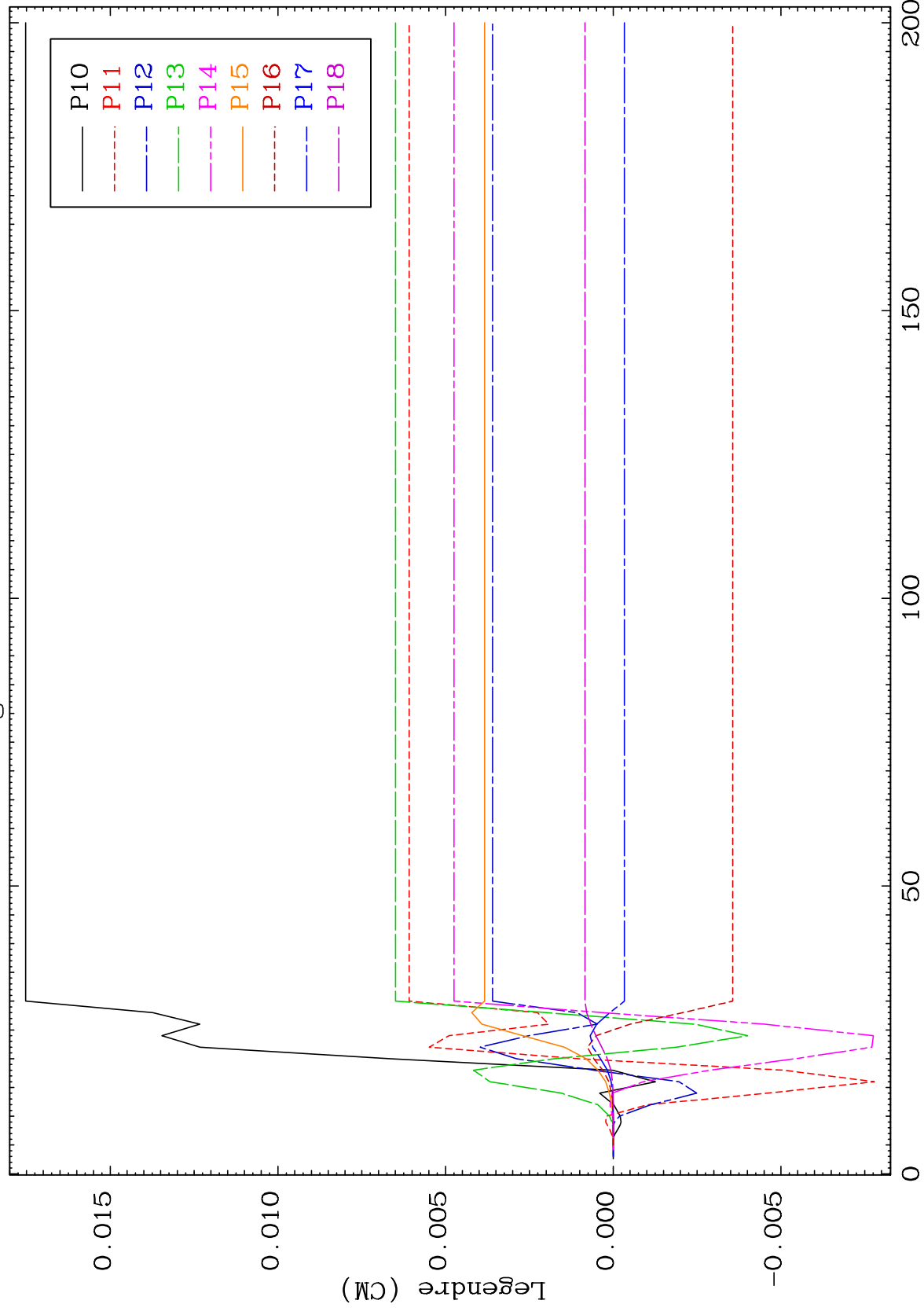
Incident Energy (MeV)

71

MAT 4855

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

48-Cd-116



72

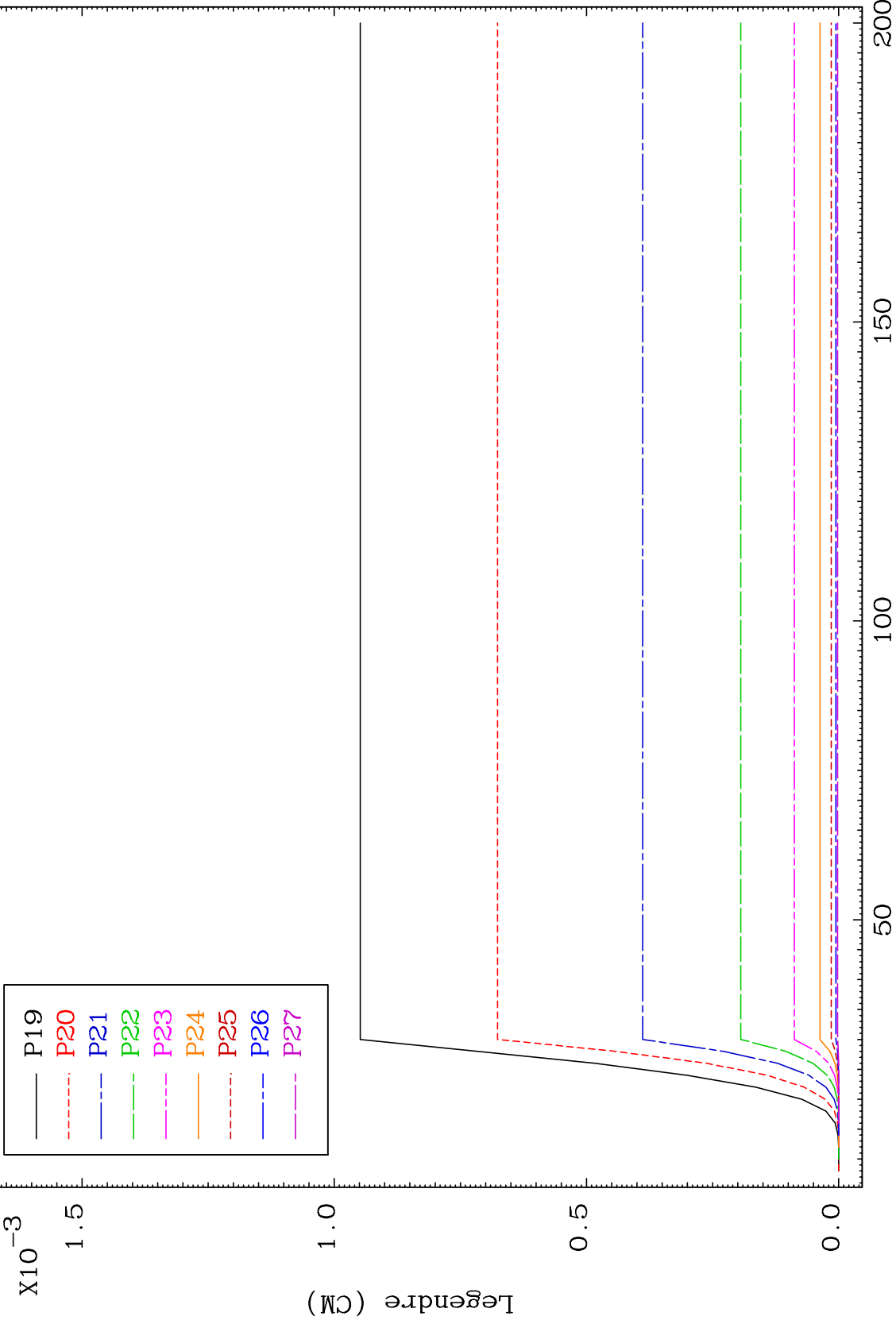
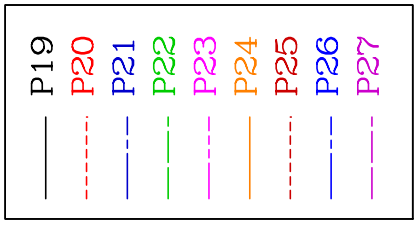
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



73

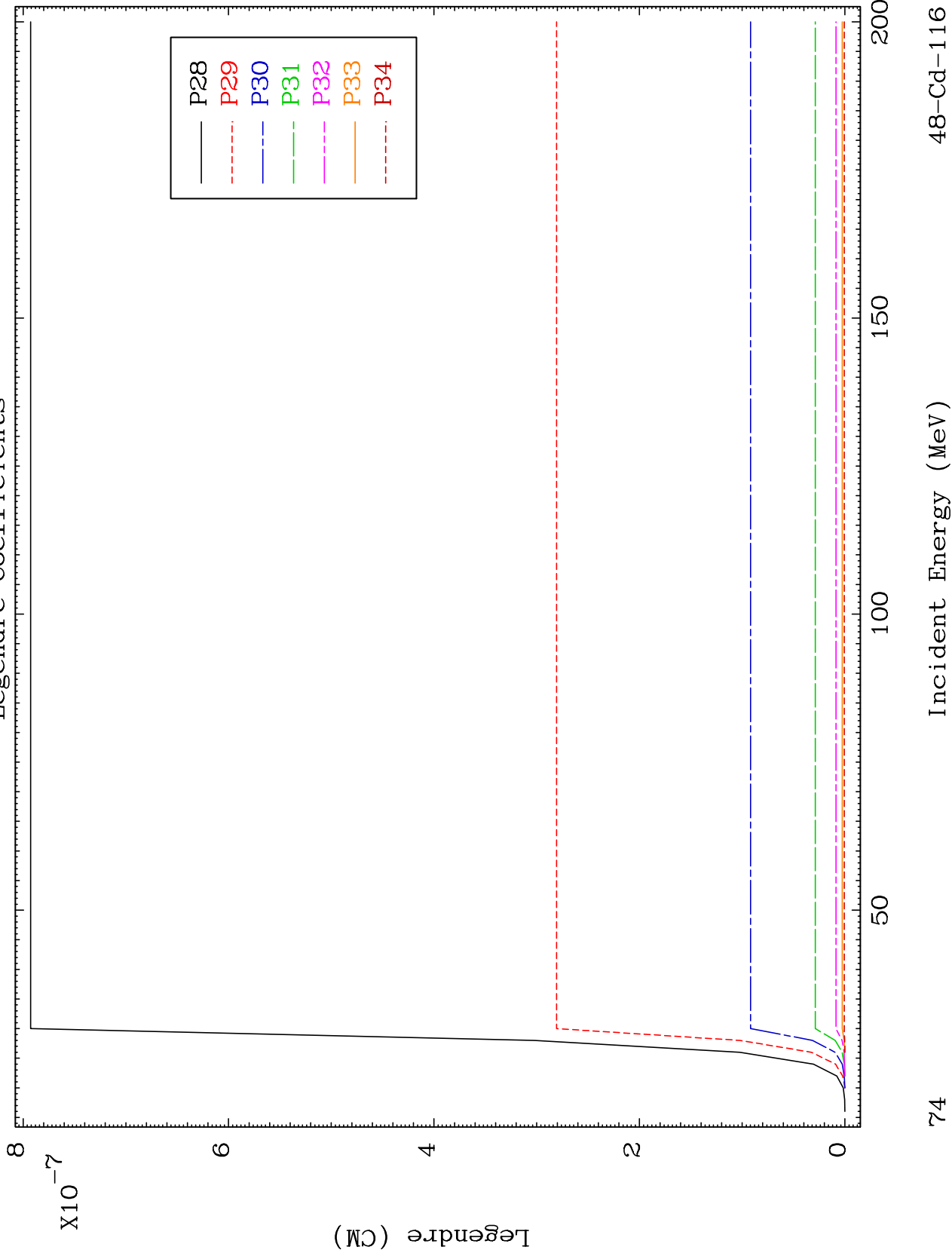
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



74

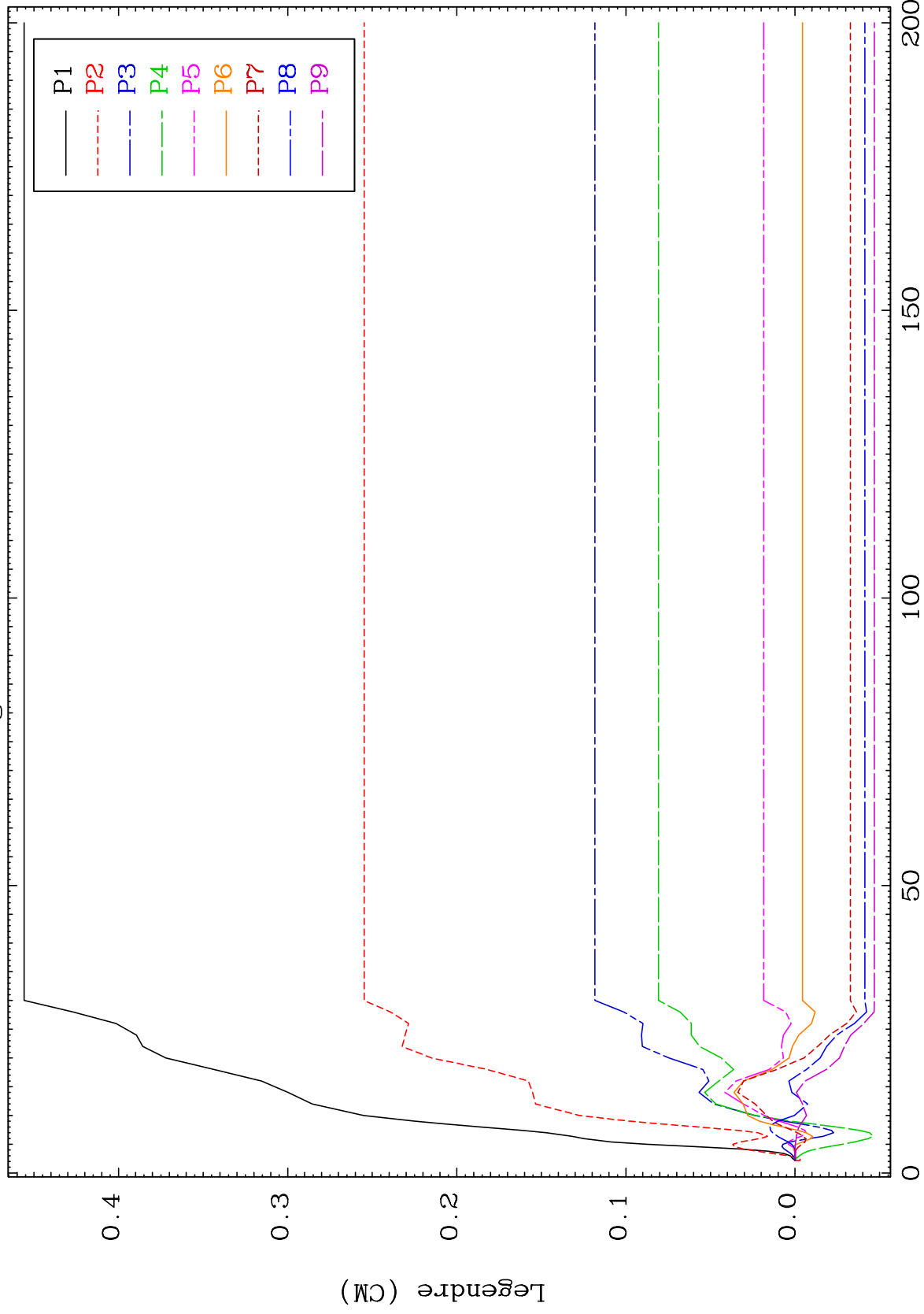
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



48-Cd-116

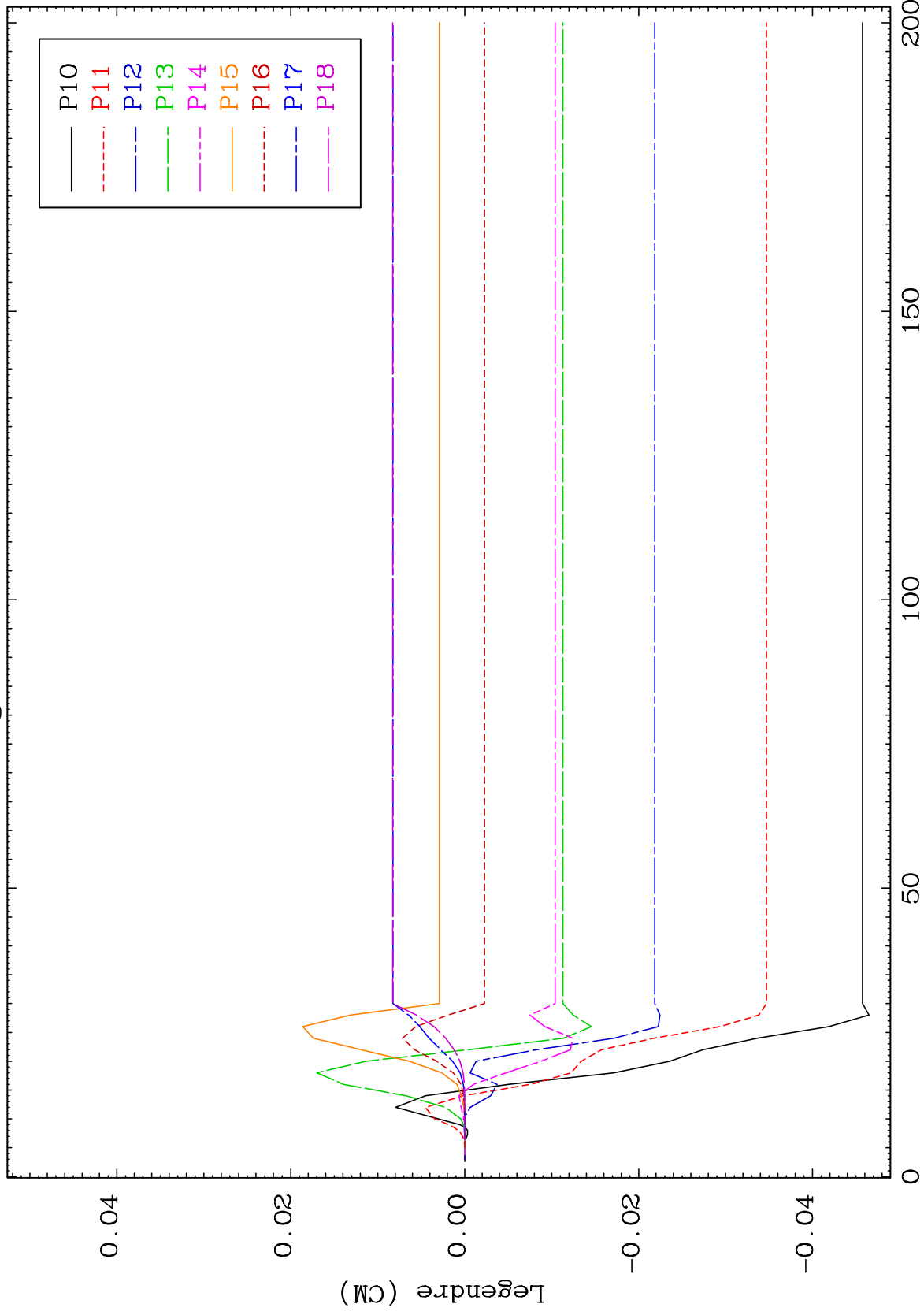
Incident Energy (MeV)

75

MAT 4855

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

48-Cd-116



76

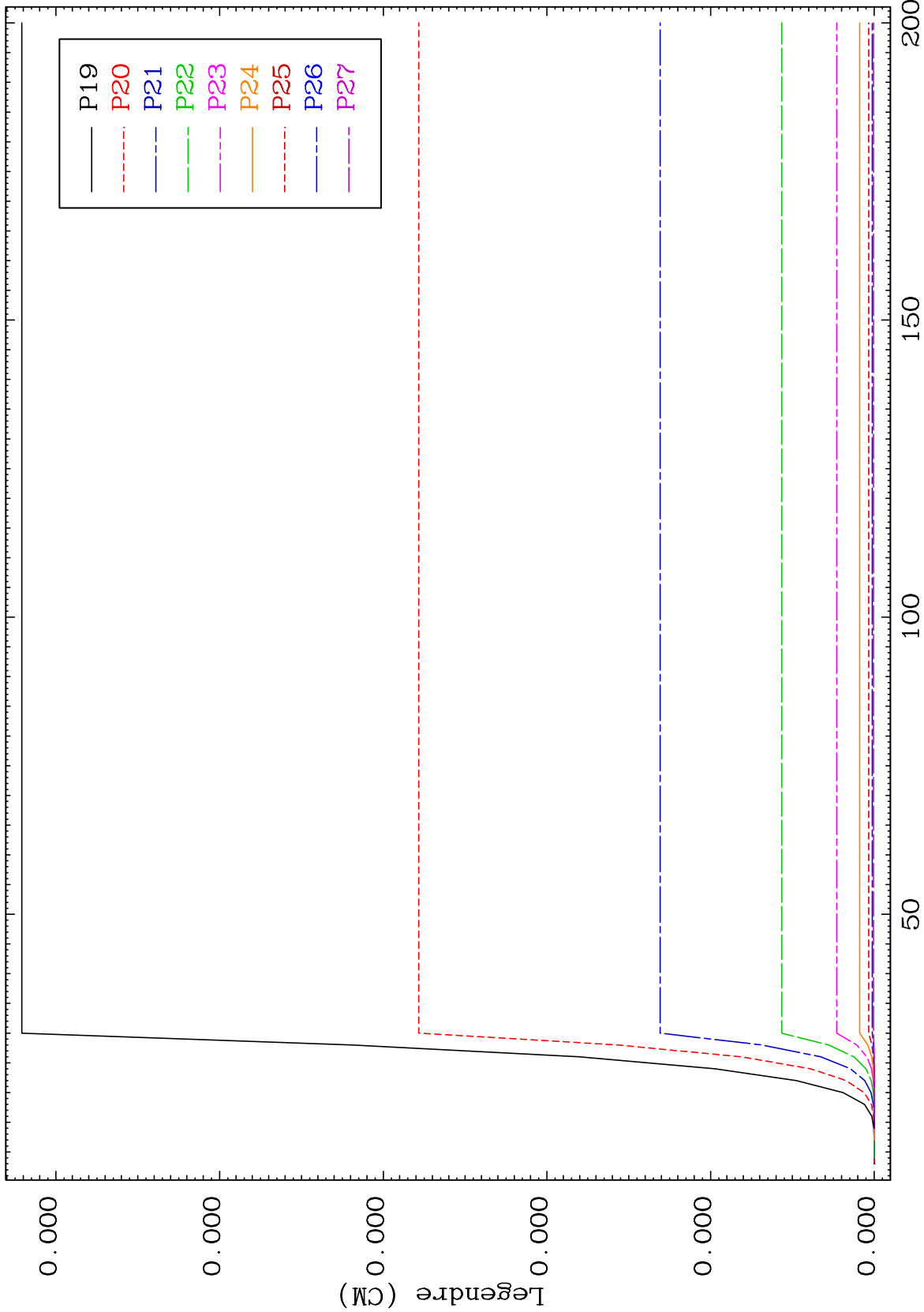
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

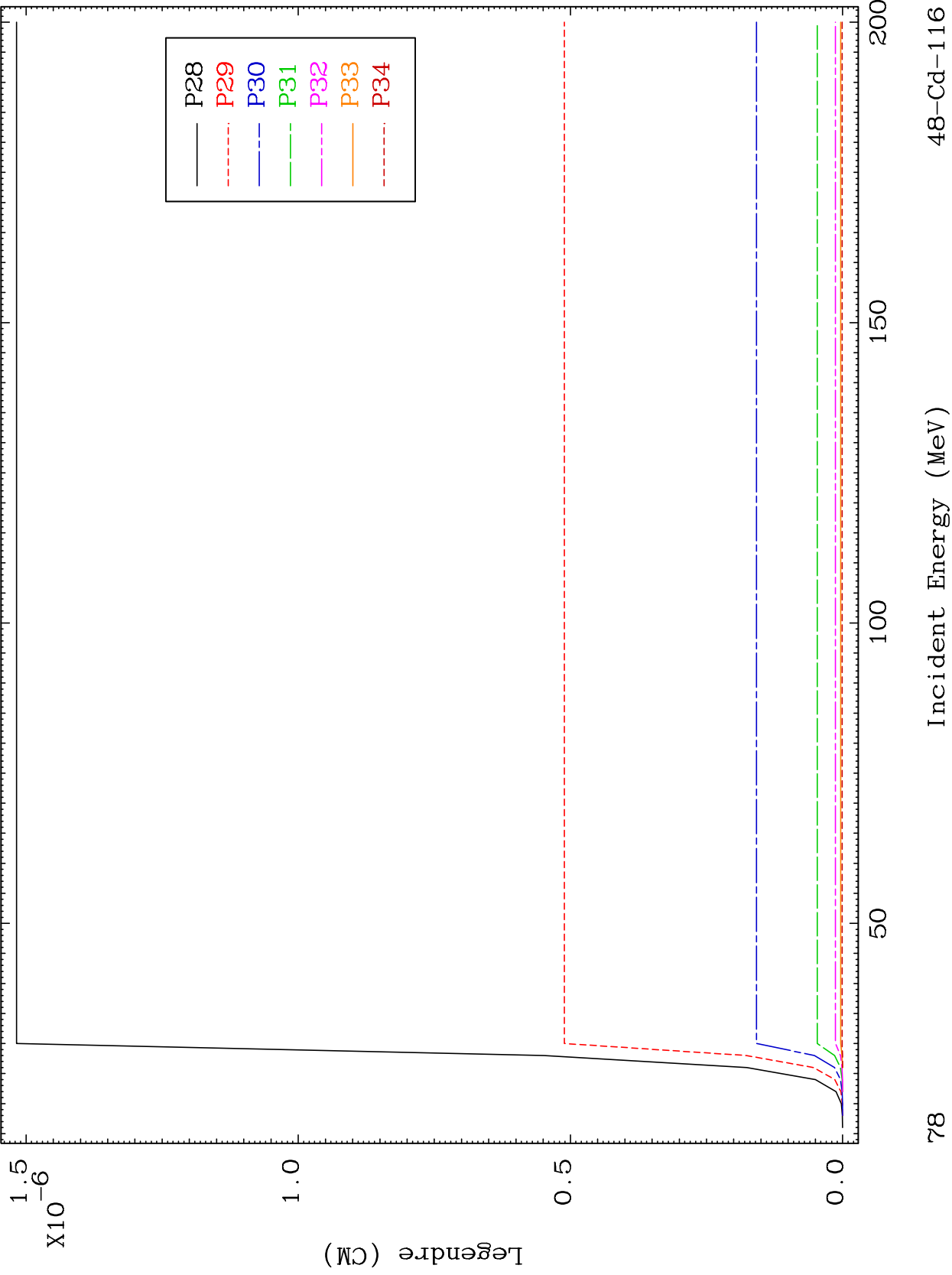
48-Cd-116



MAT 4855

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

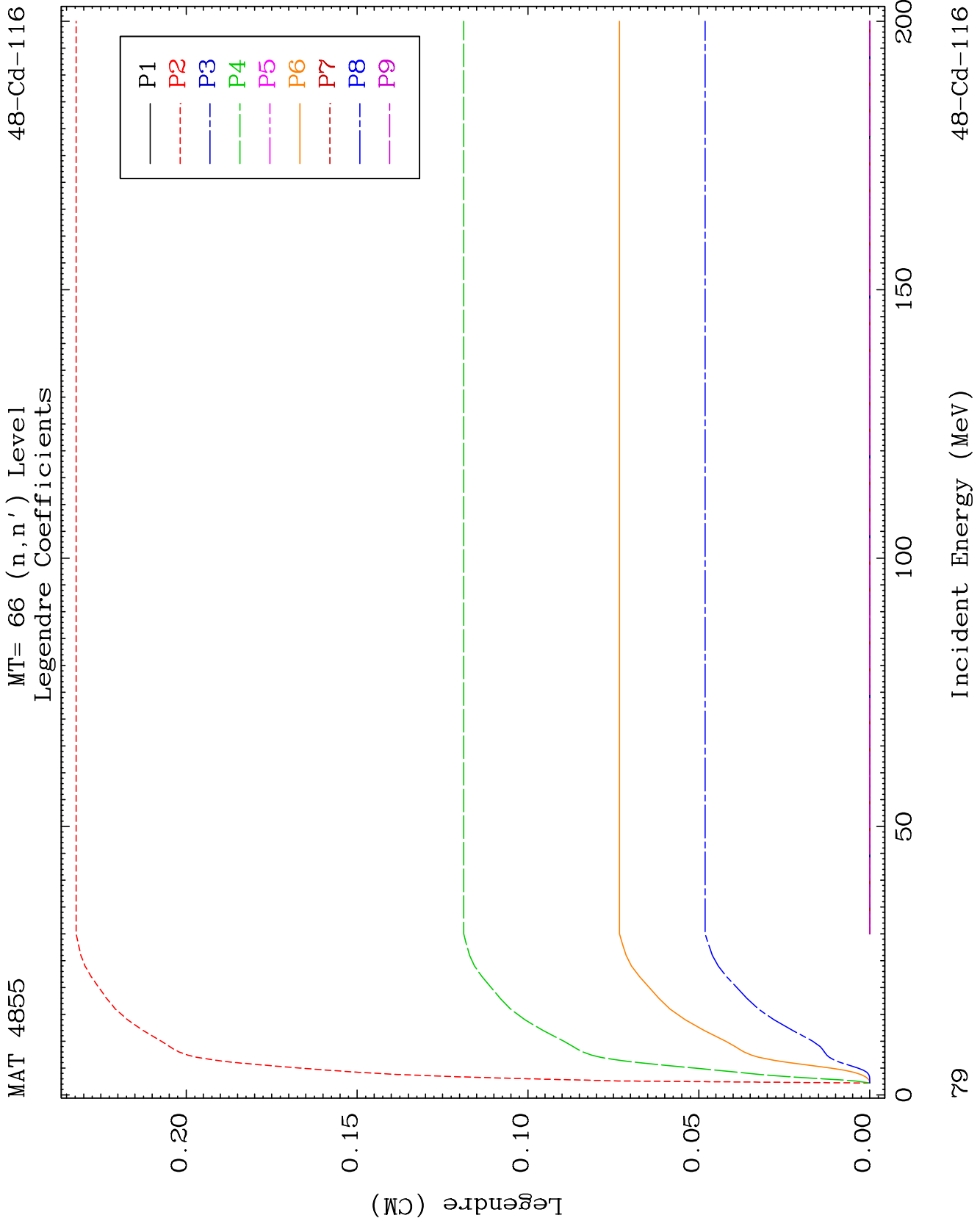
48-Cd-116



78

Incident Energy (MeV)

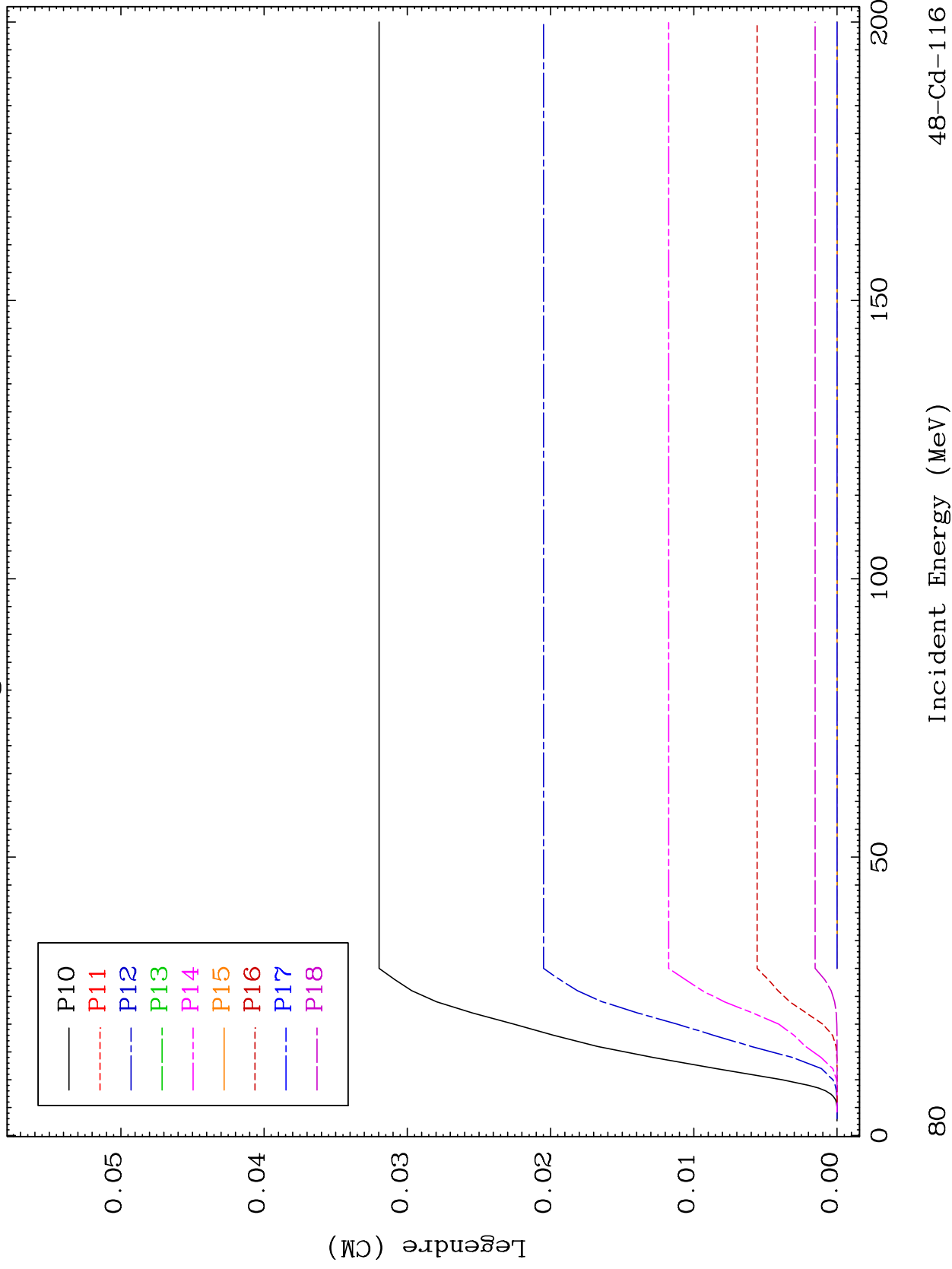
48-Cd-116



MAT 4855

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

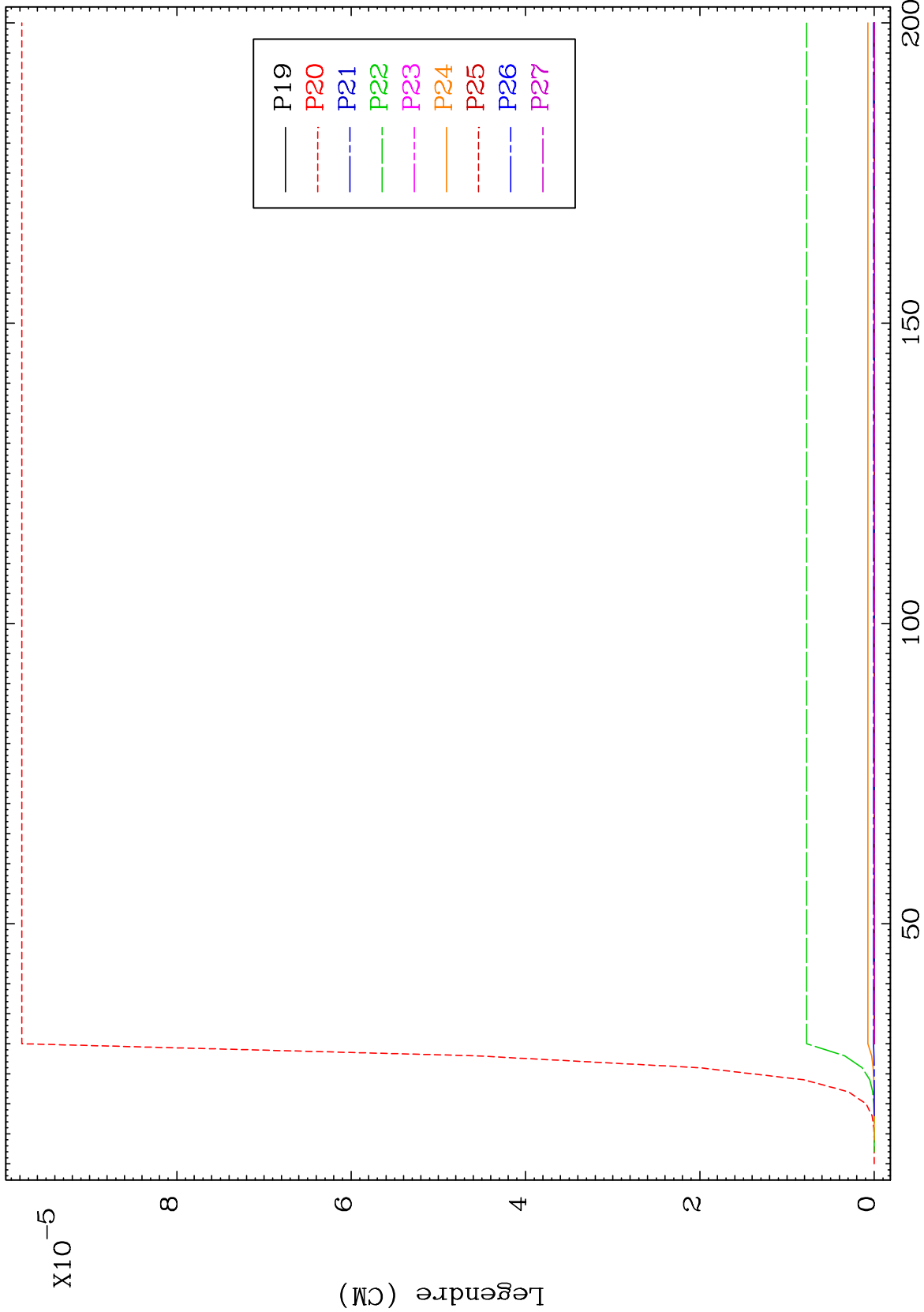
48-Cd-116



MAT 4855

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

48-Cd-116



81

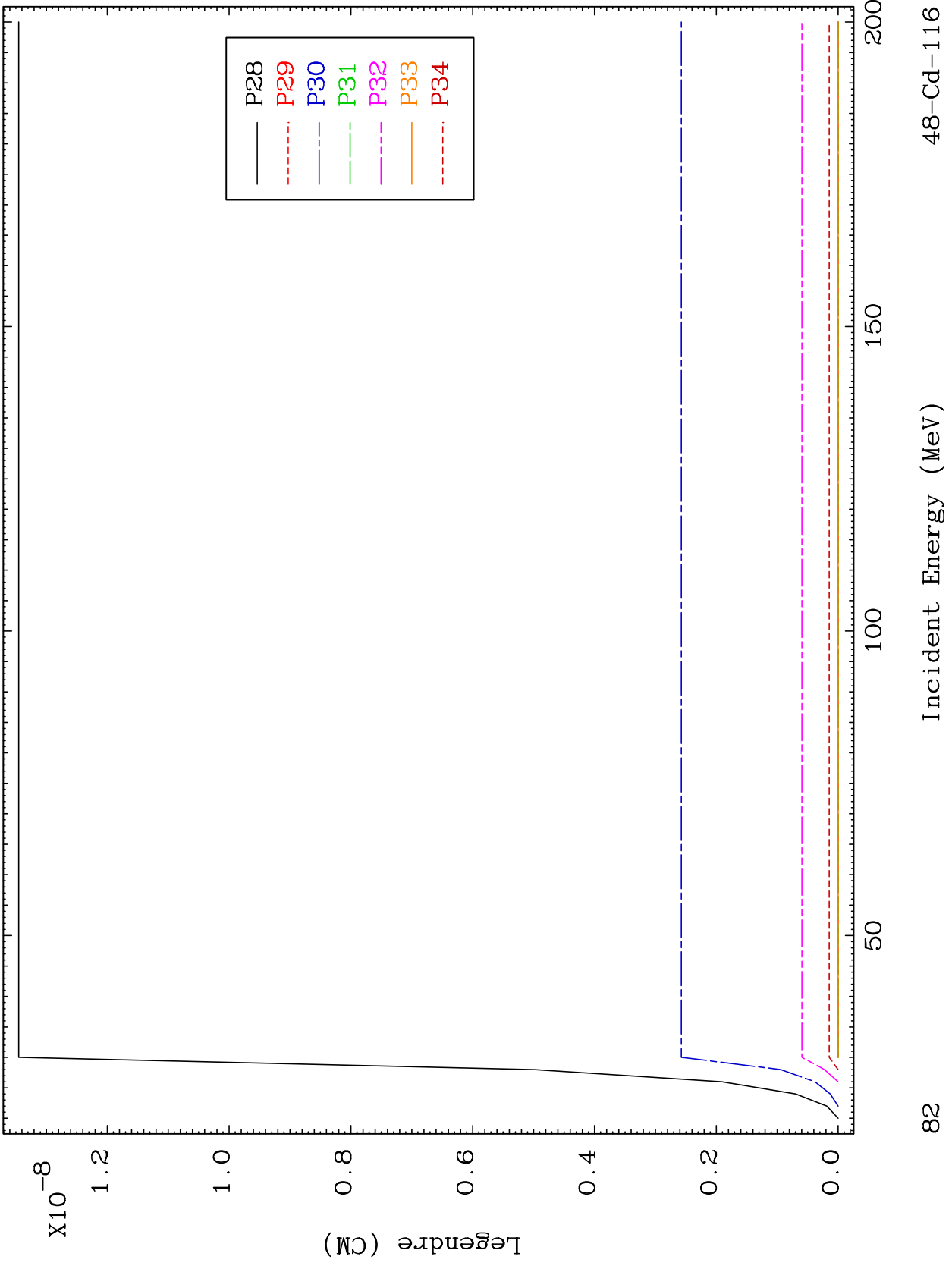
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

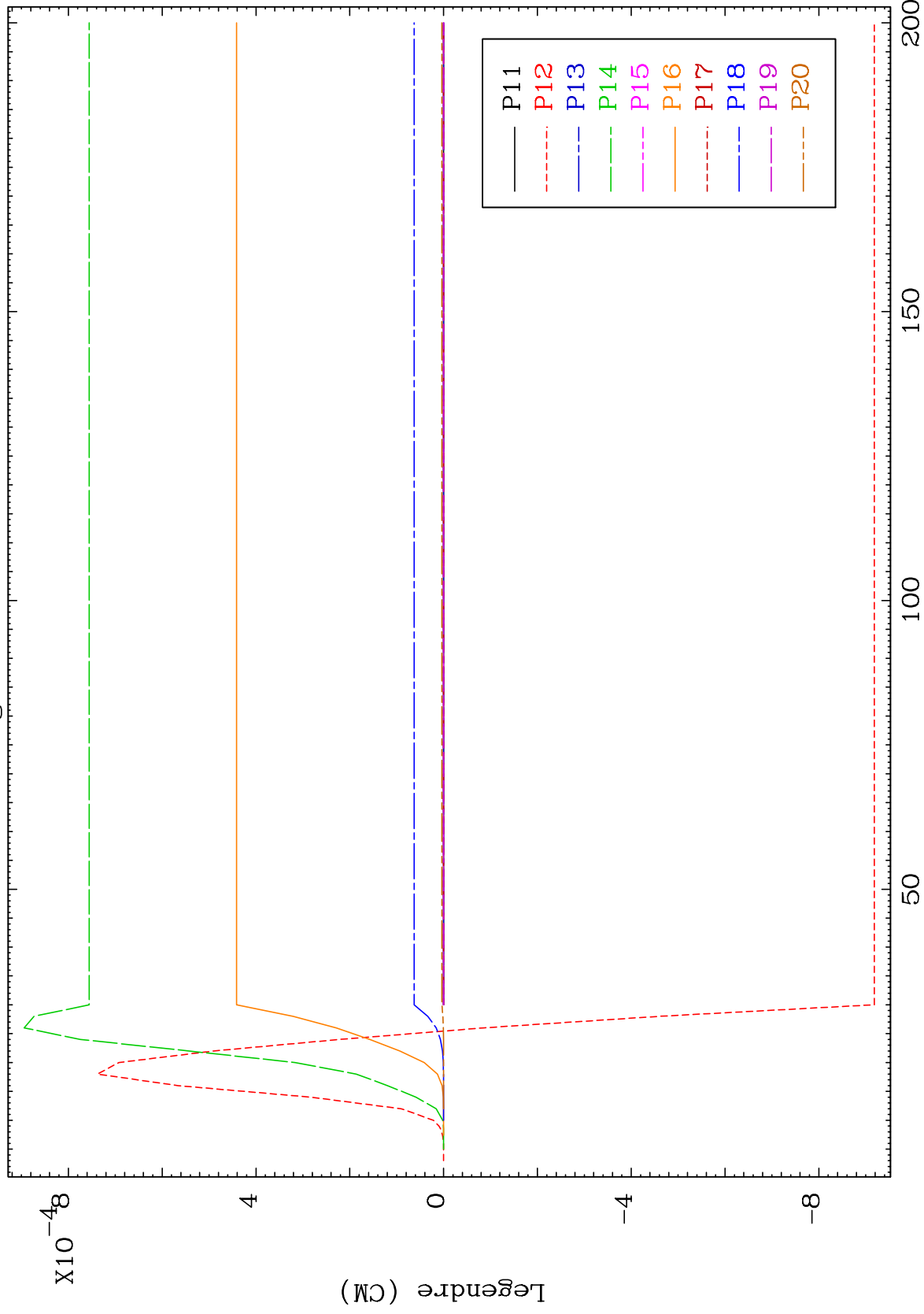
48-Cd-116



MAT 4855

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

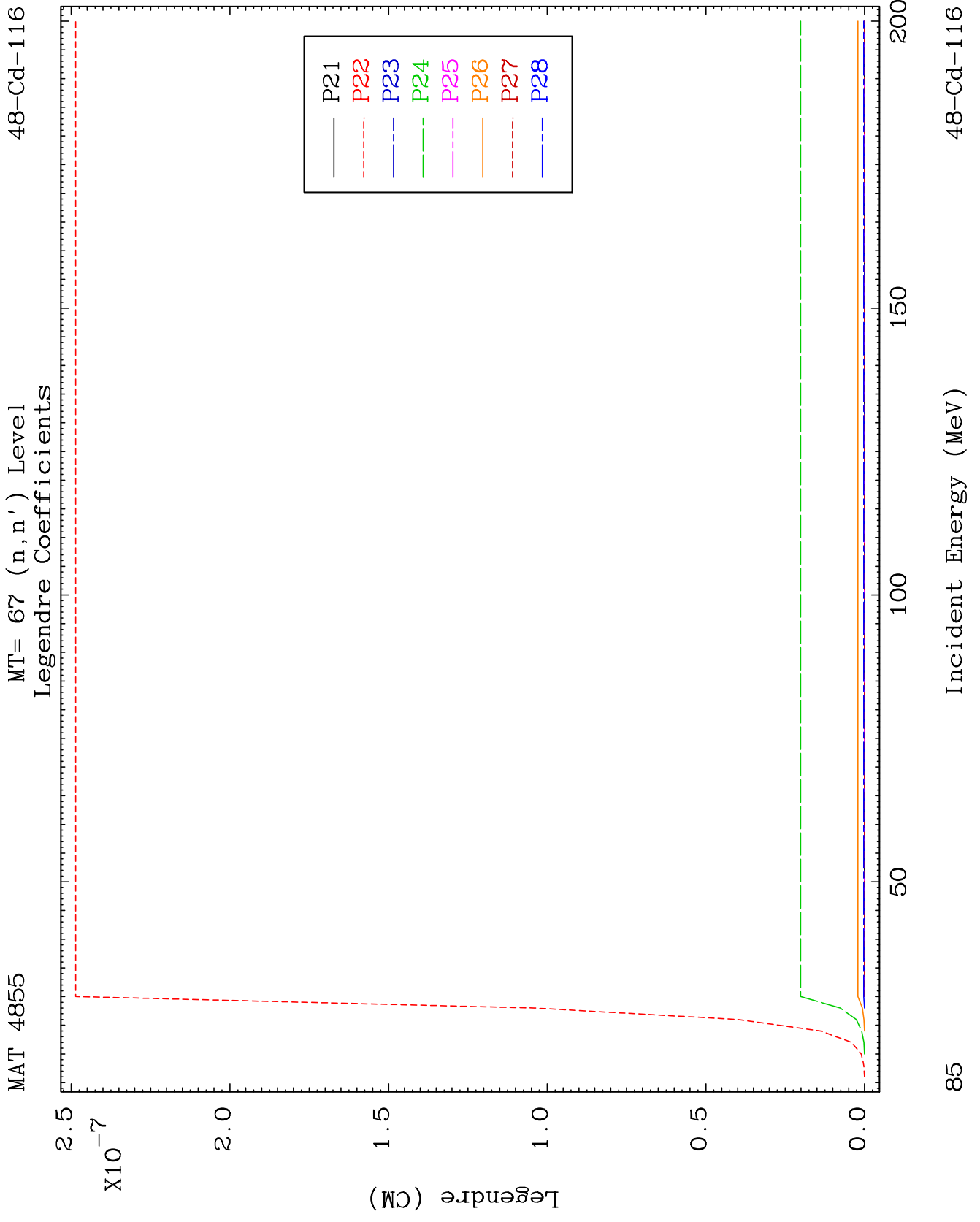
48-Cd-116



84

Incident Energy (MeV)

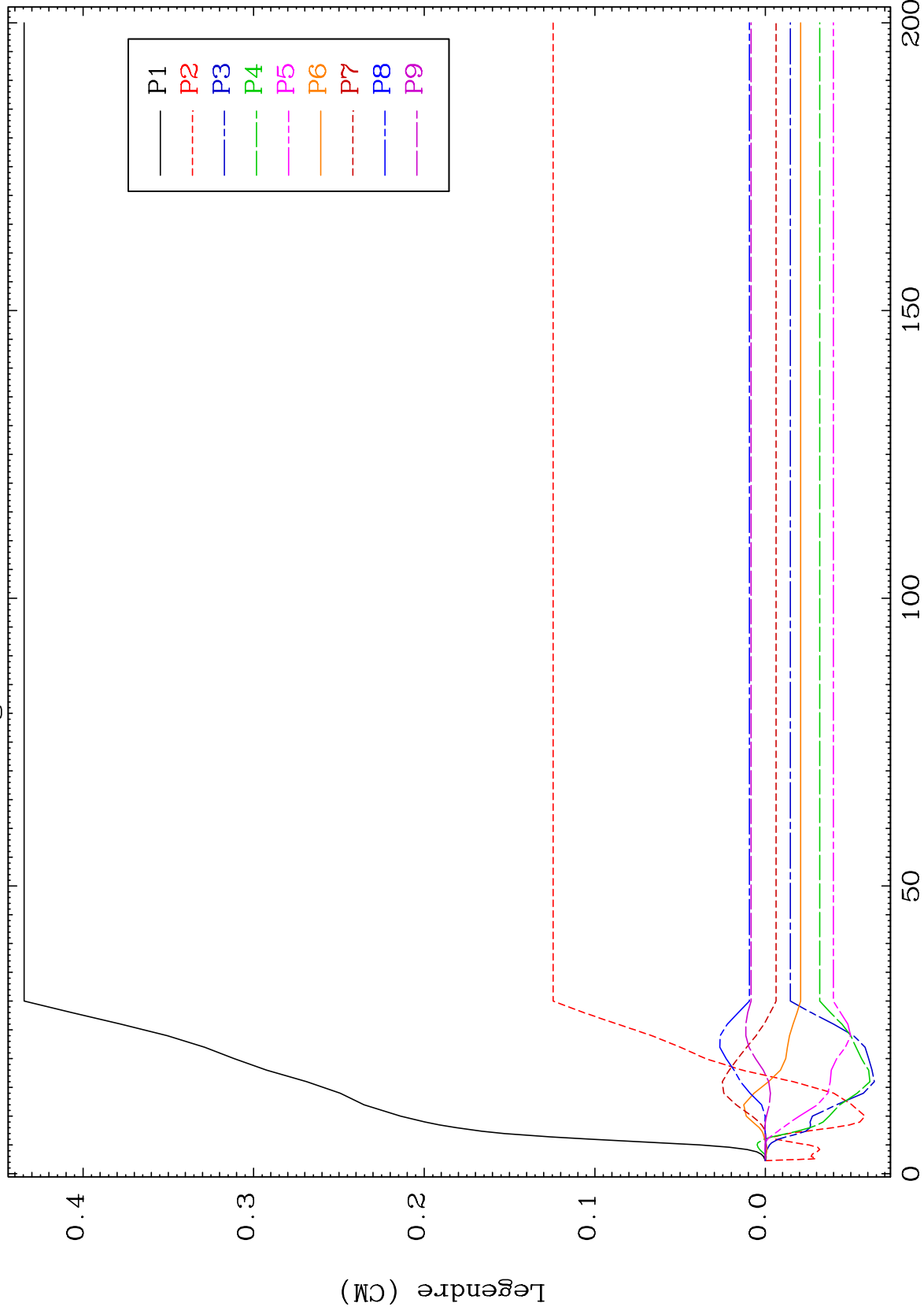
48-Cd-116



MAT 4855

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

48-Cd-116



86

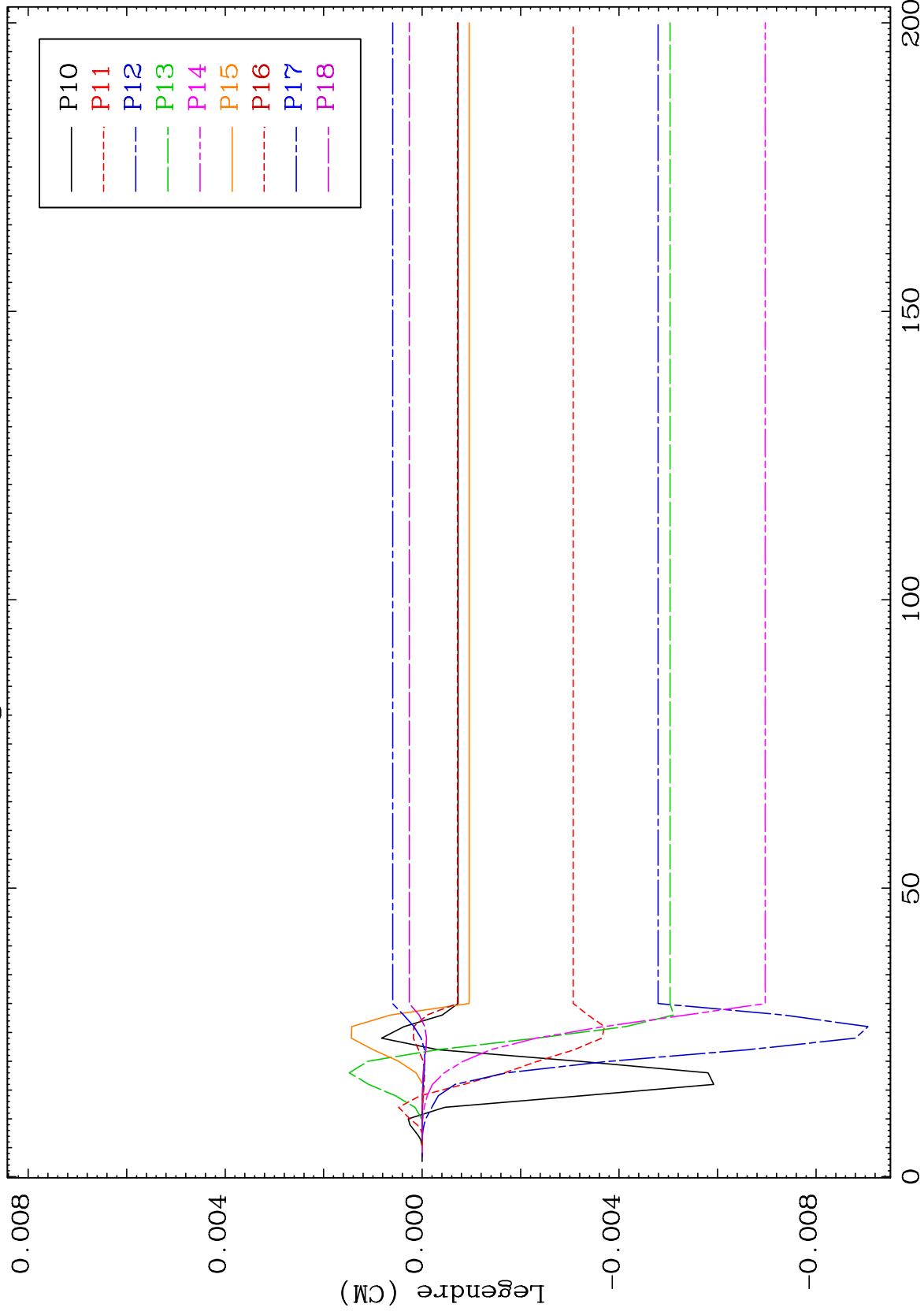
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



87

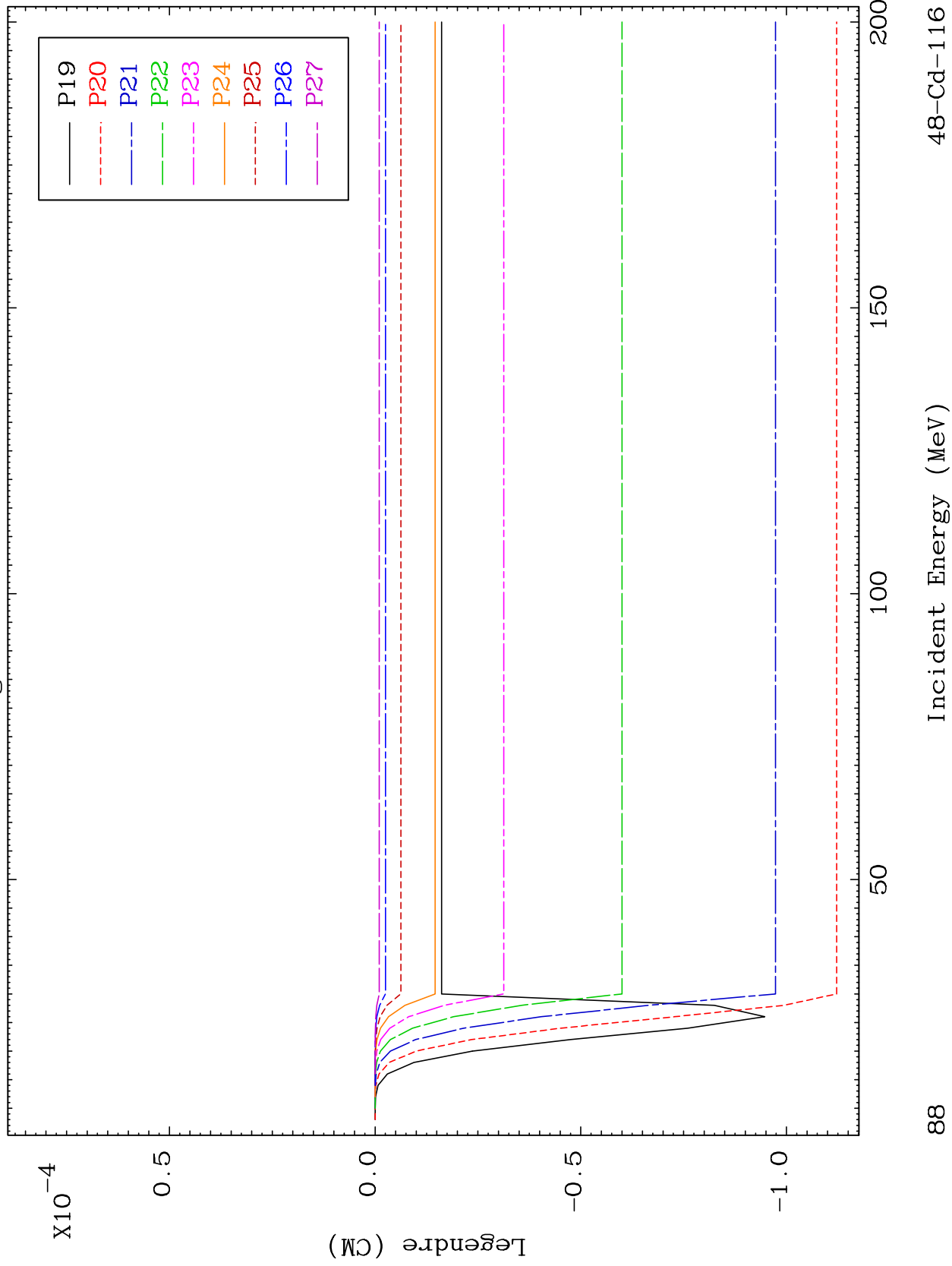
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

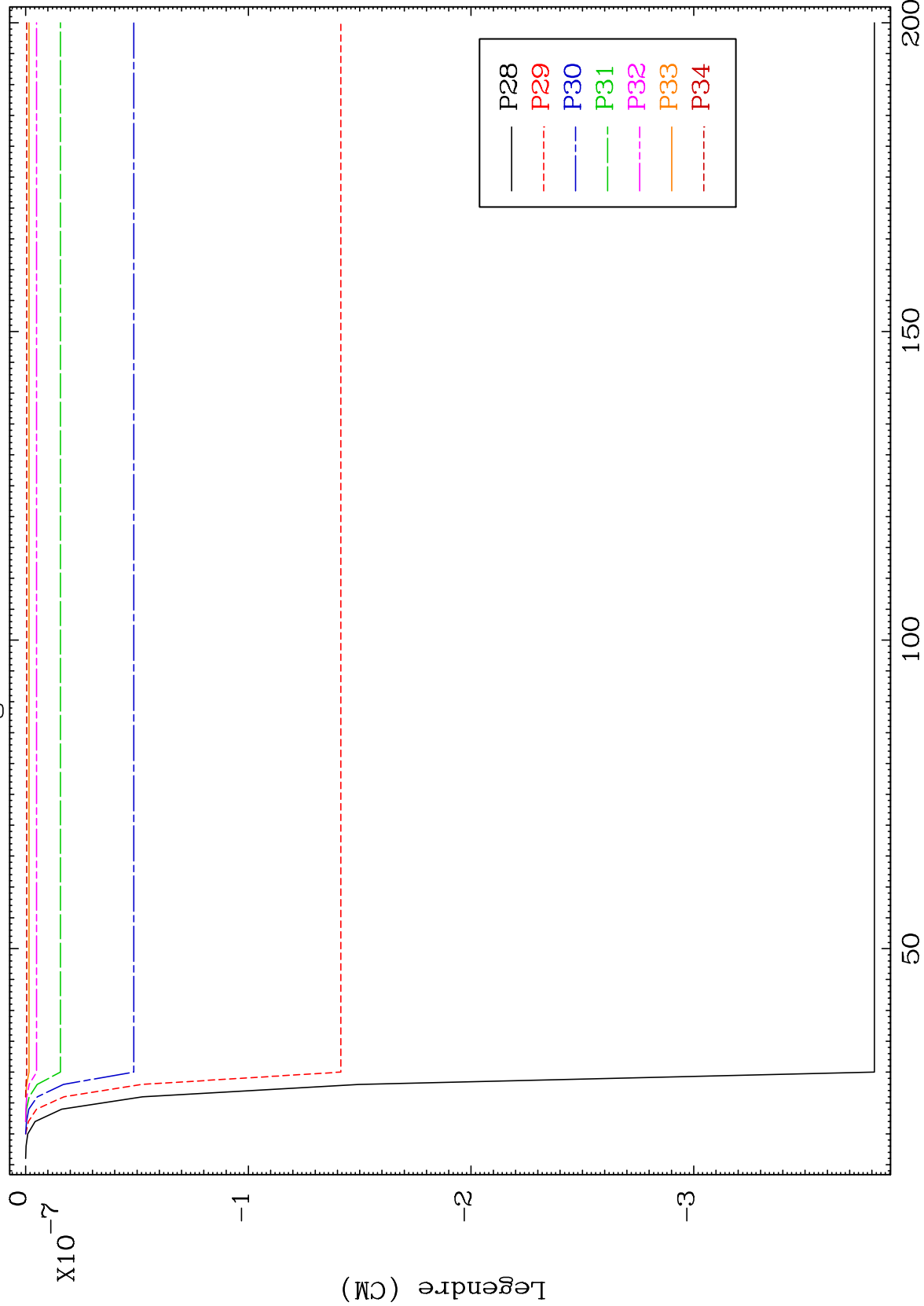


MAT 4855

MT= 68 (n,n') Level

48-Cd-116

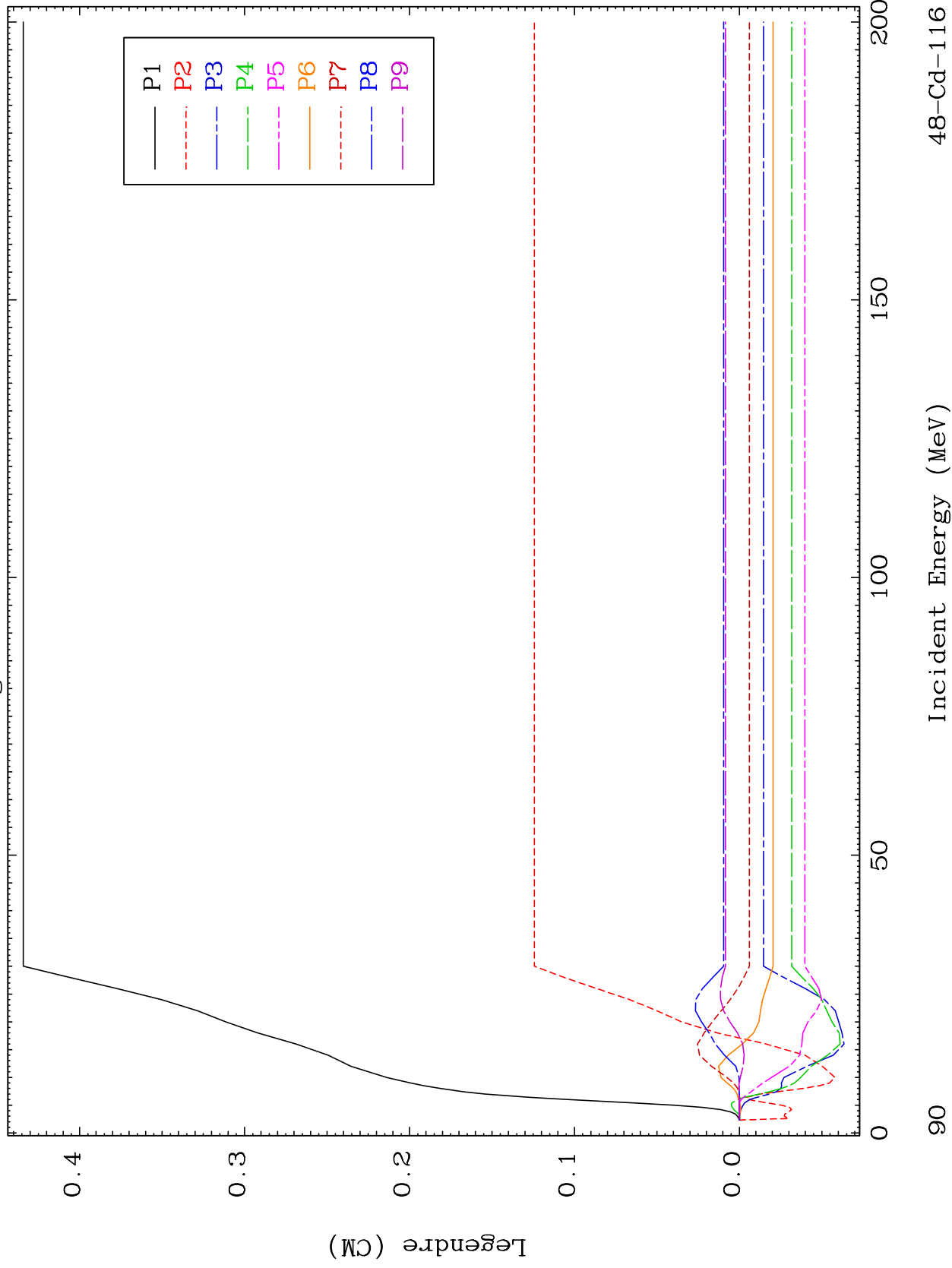
Legendre Coefficients



MAT 4855

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

48-Cd-116



48-Cd-116

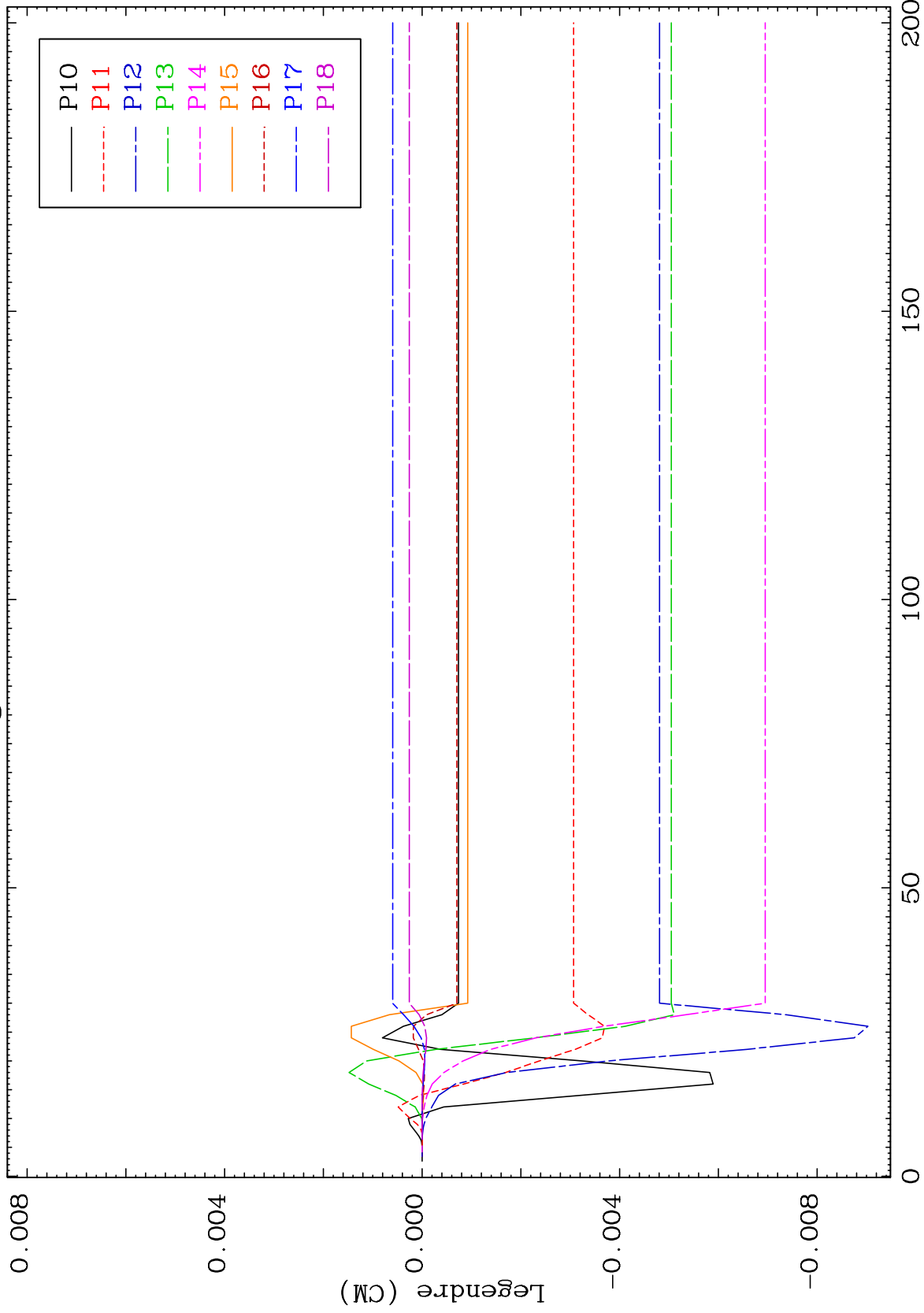
Incident Energy (MeV)

90

MAT 4855

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

48-Cd-116



91

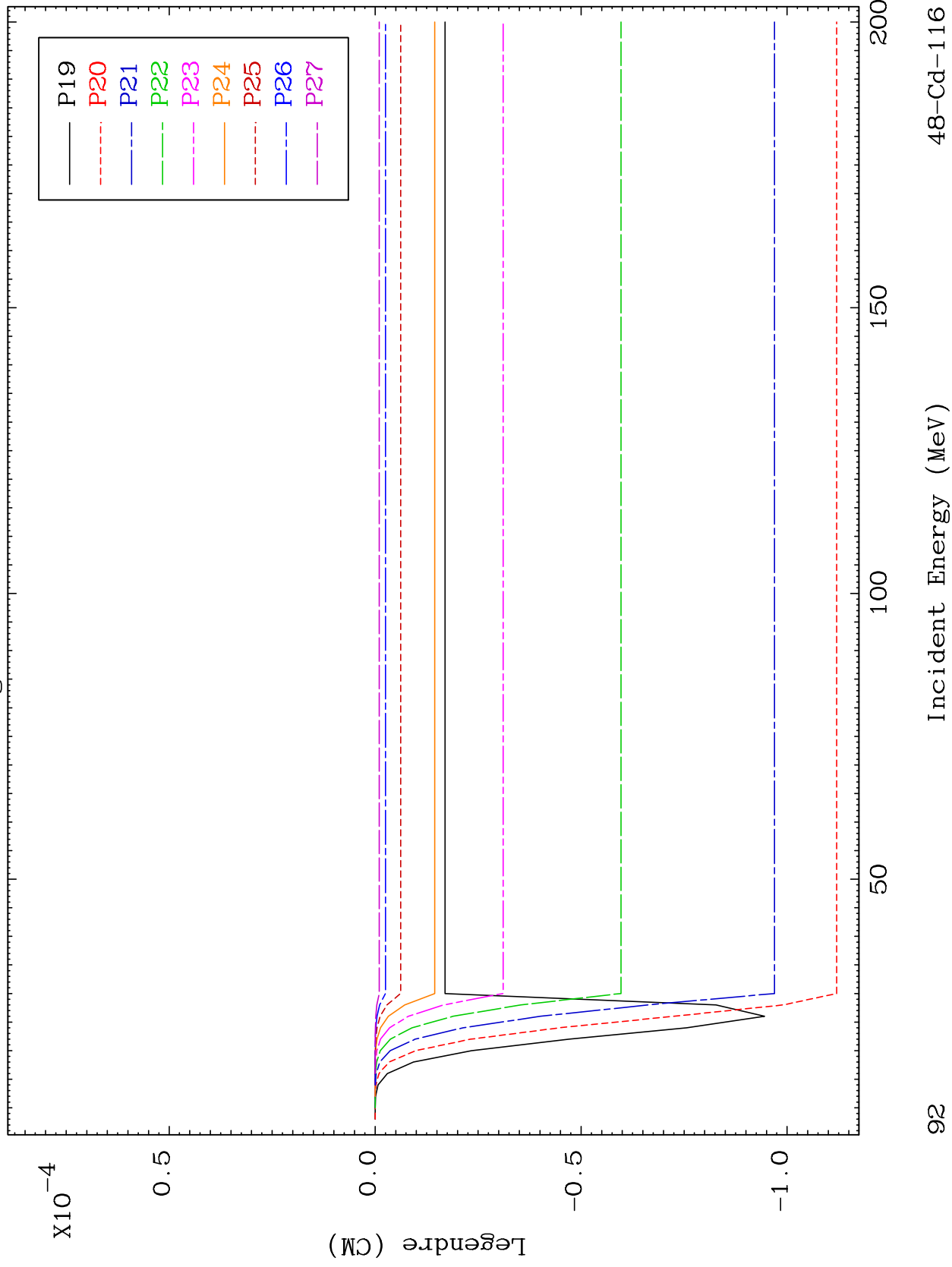
Incident Energy (MeV)

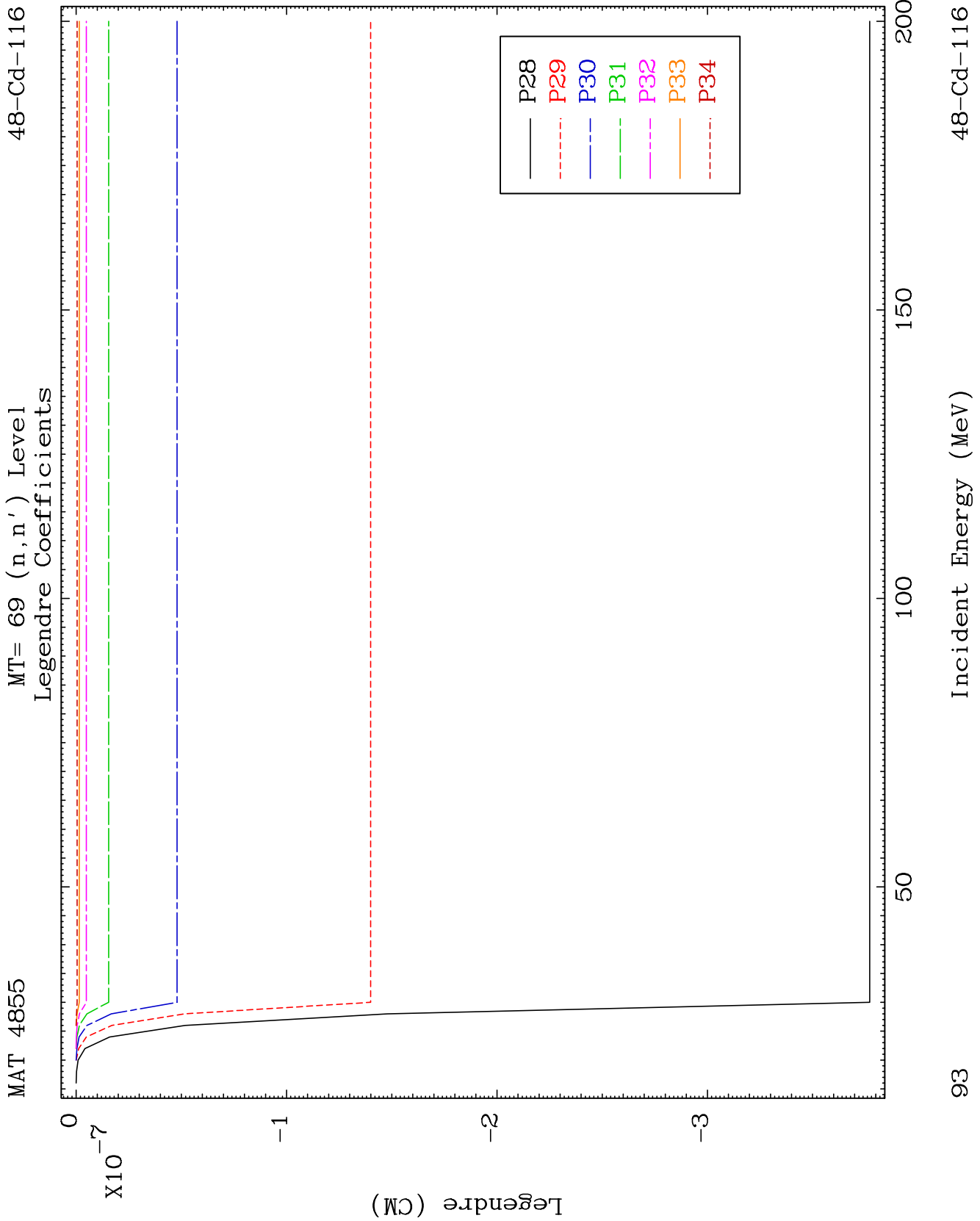
48-Cd-116

MAT 4855

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

48-Cd-116

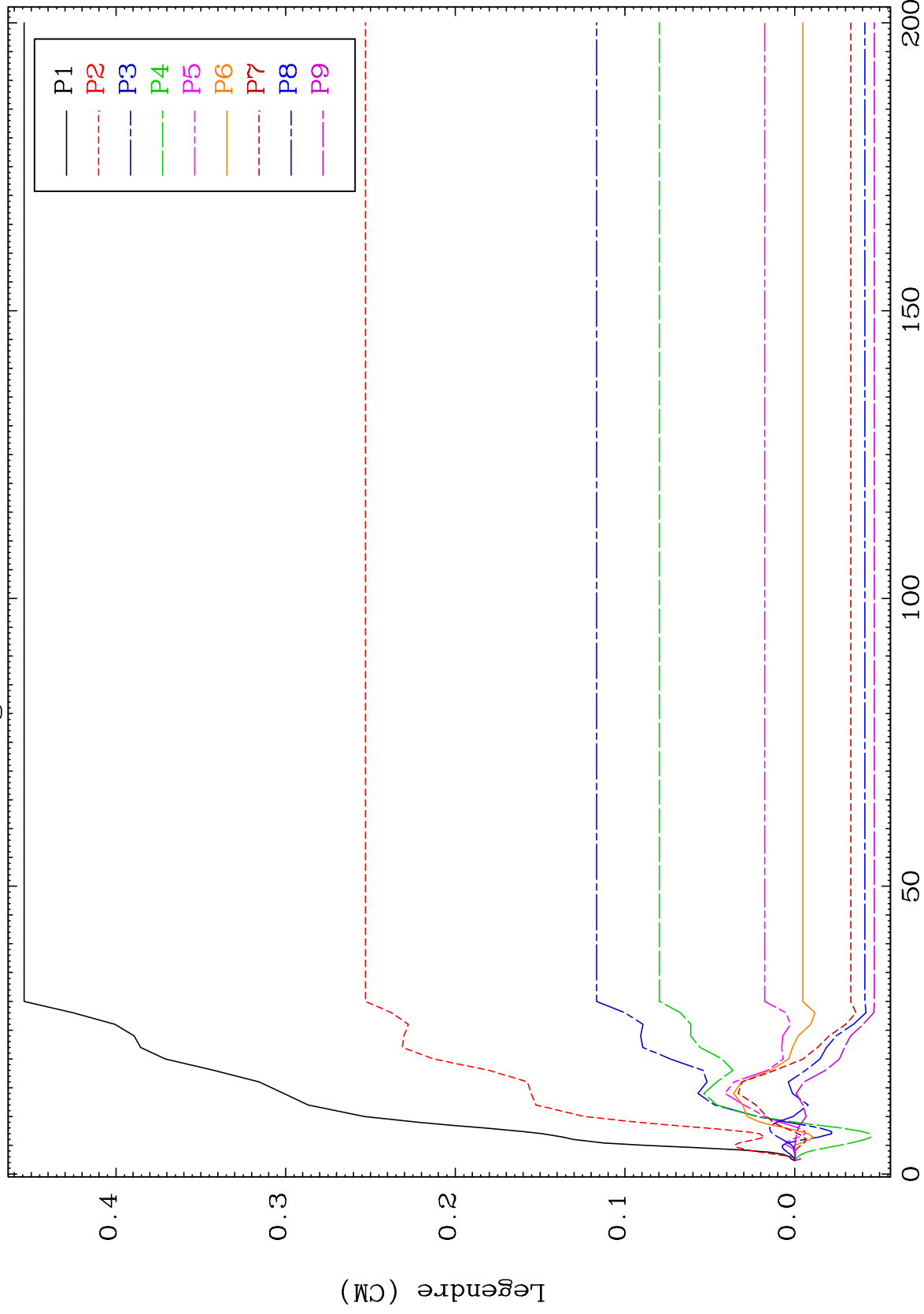




MAT 4855

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

48-Cd-116



94

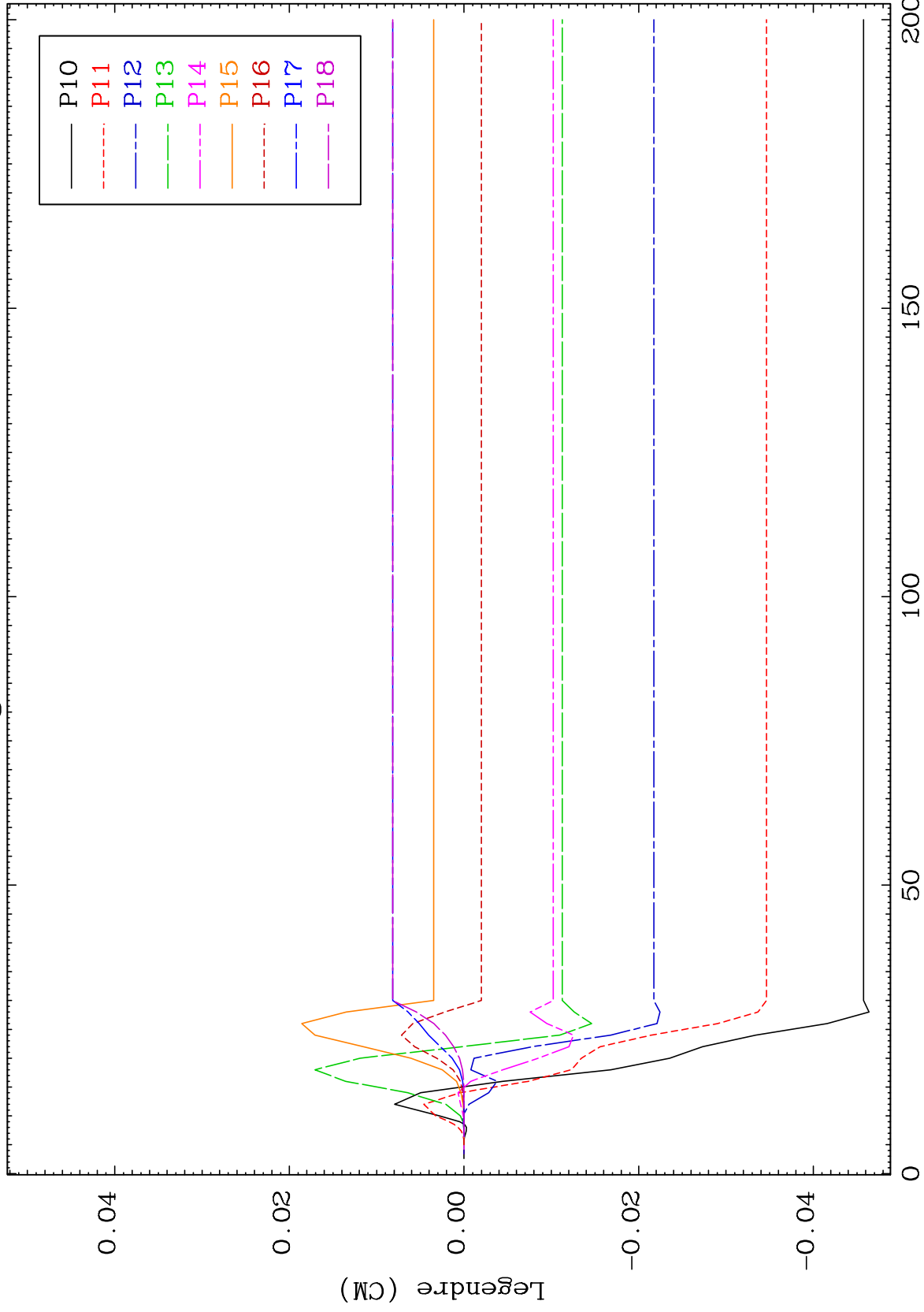
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



95

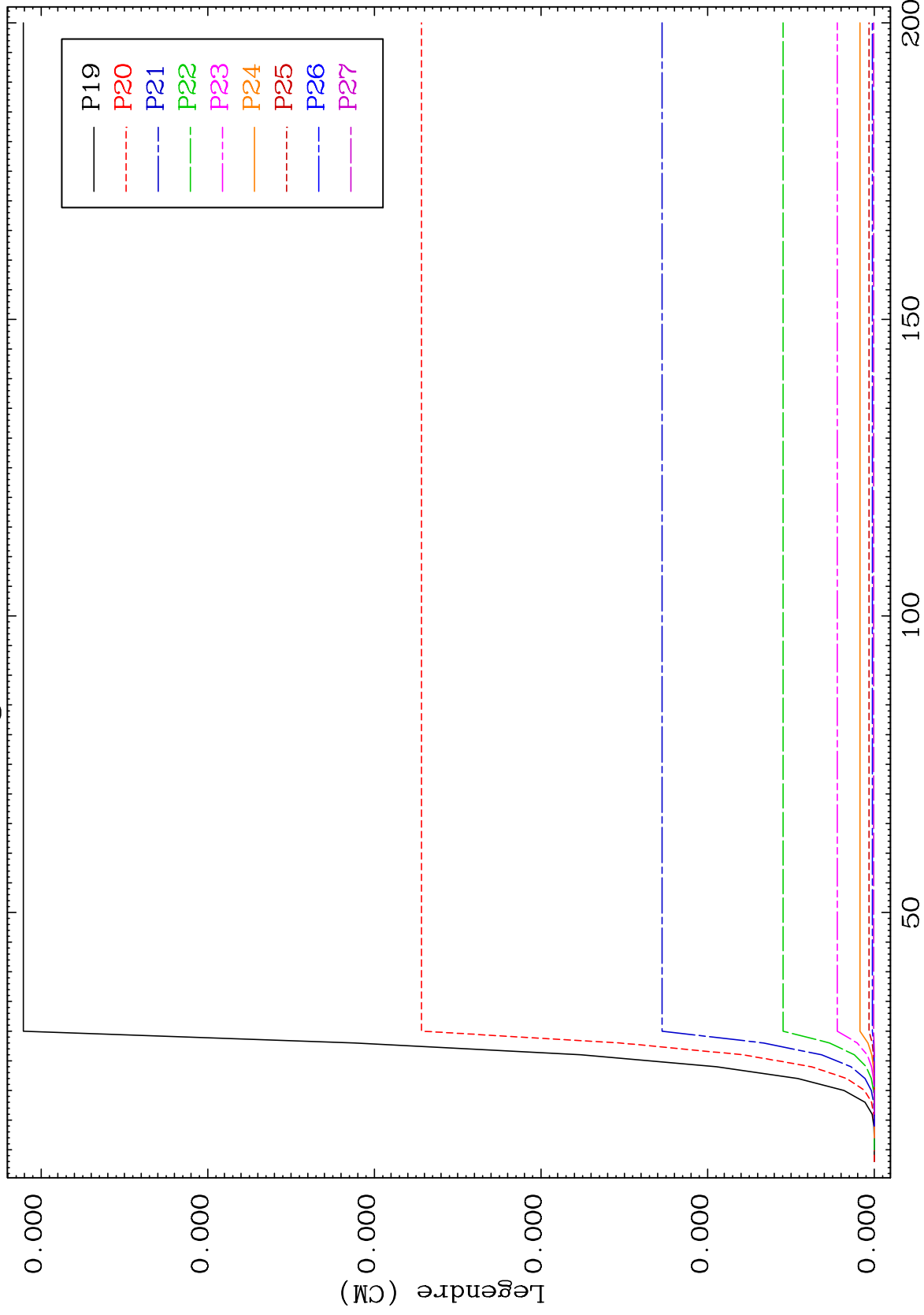
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



96

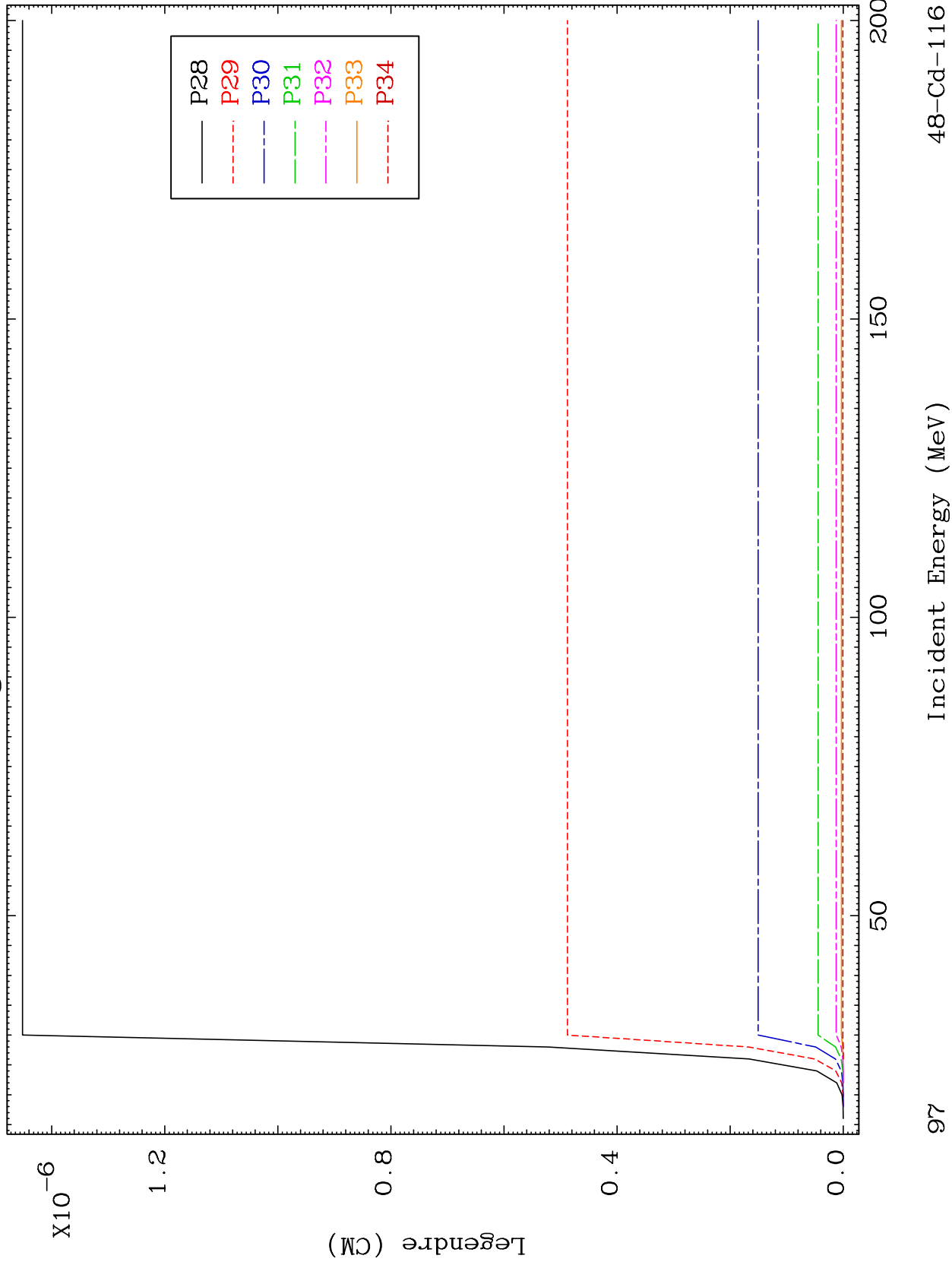
Incident Energy (MeV)

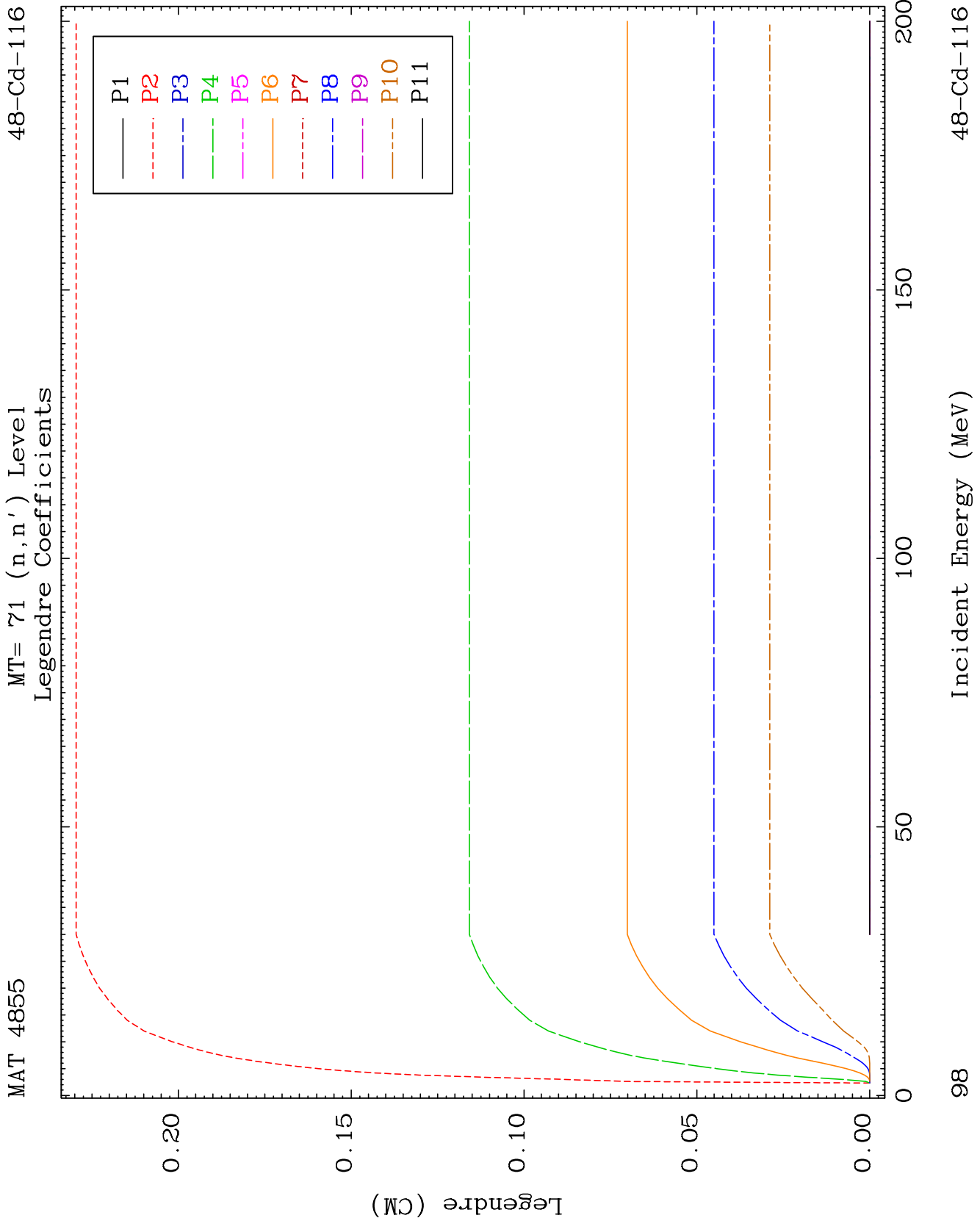
48-Cd-116

MAT 4855

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

48-Cd-116

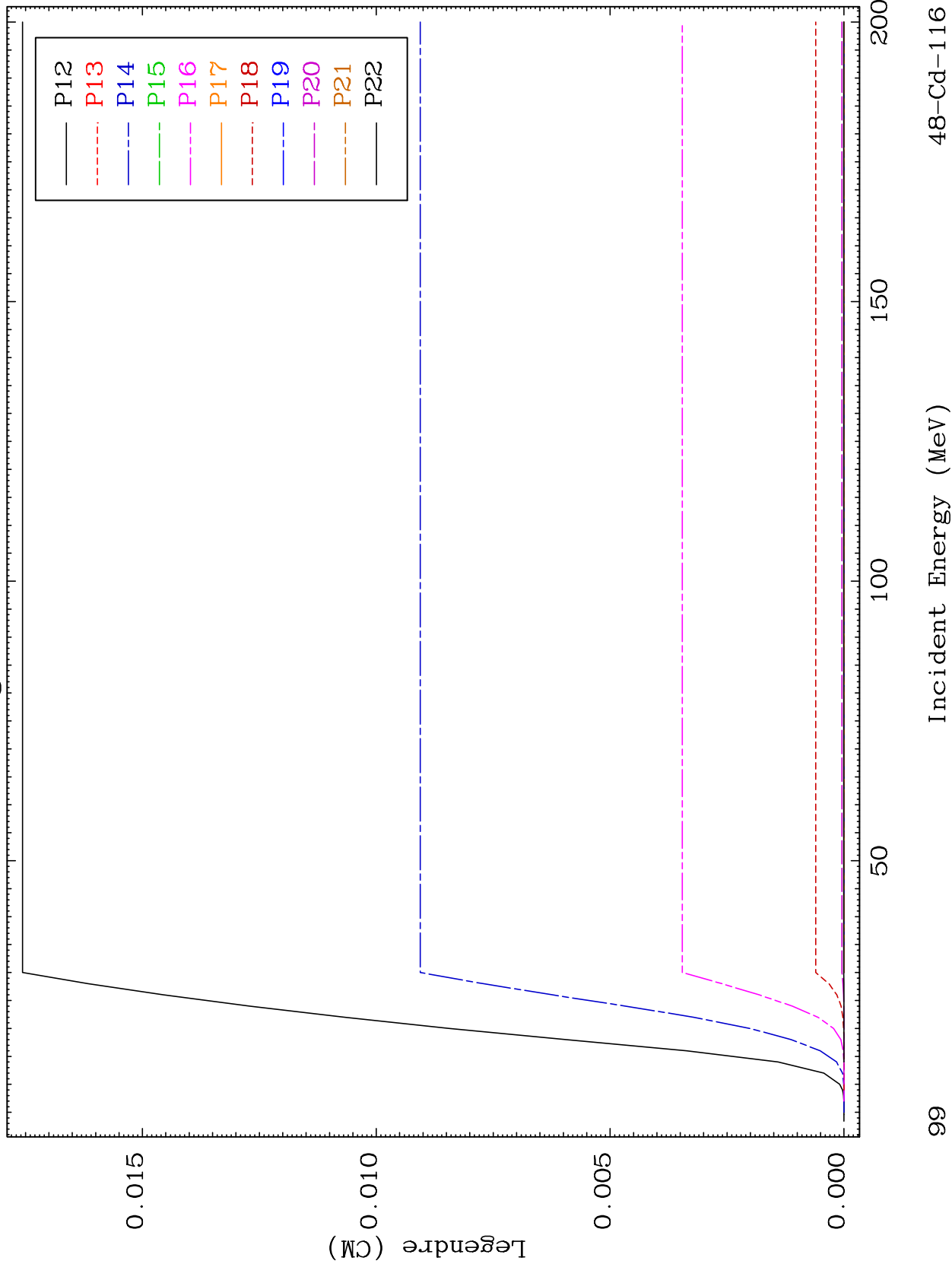




MAT 4855

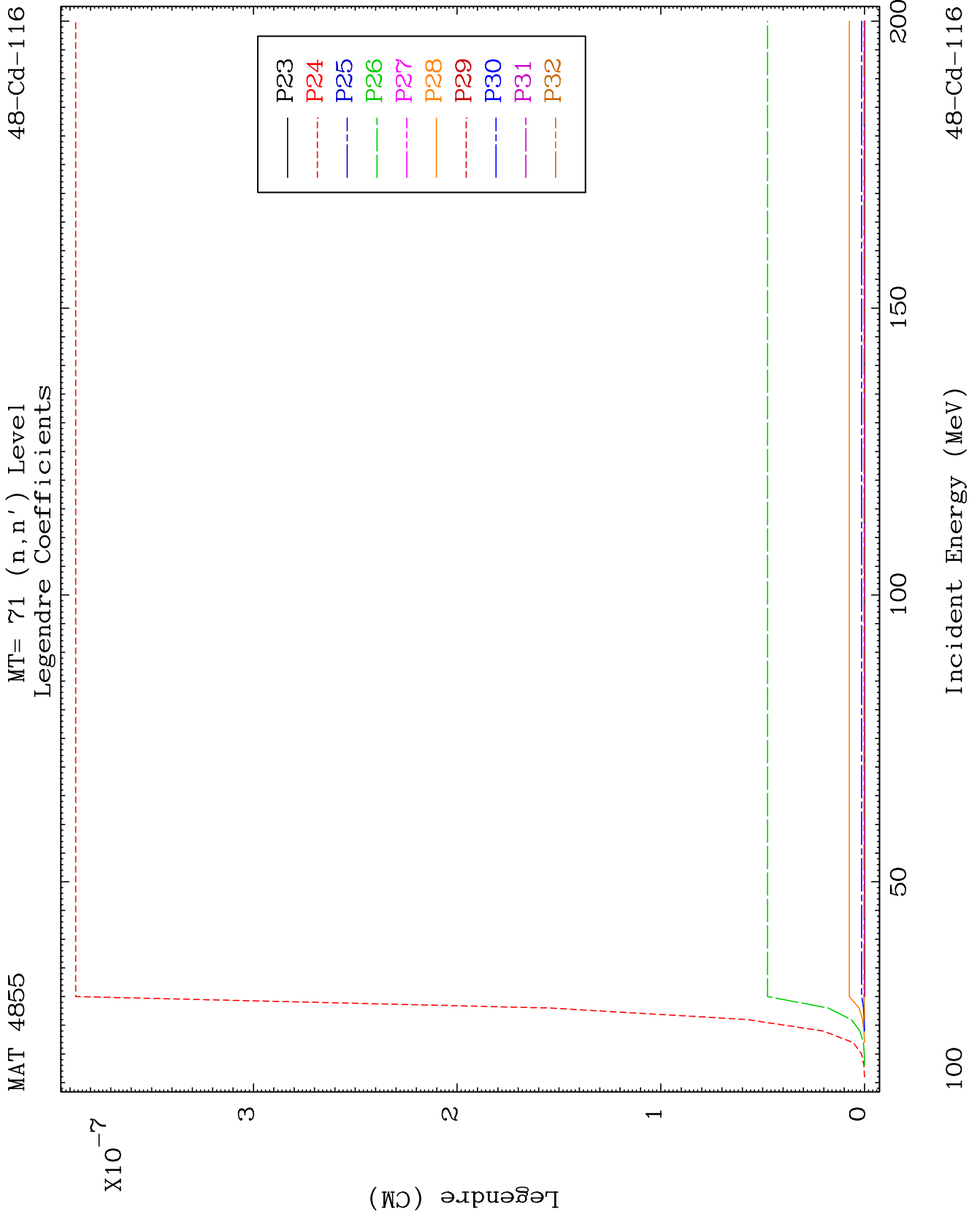
MT= 71 (n,n') Level
Legendre Coefficients

48-Cd-116



99

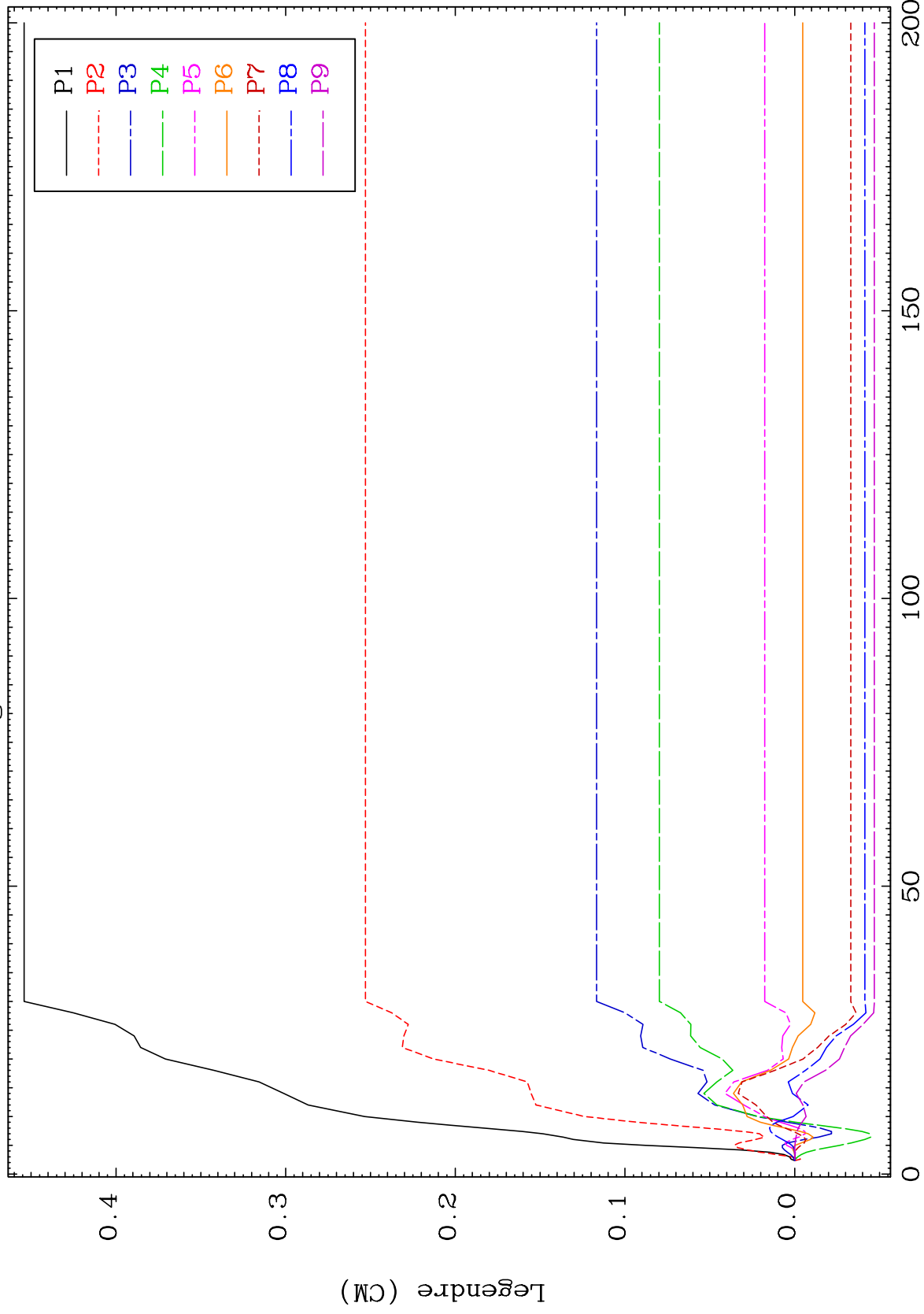
48-Cd-116



MAT 4855

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

48-Cd-116



48-Cd-116

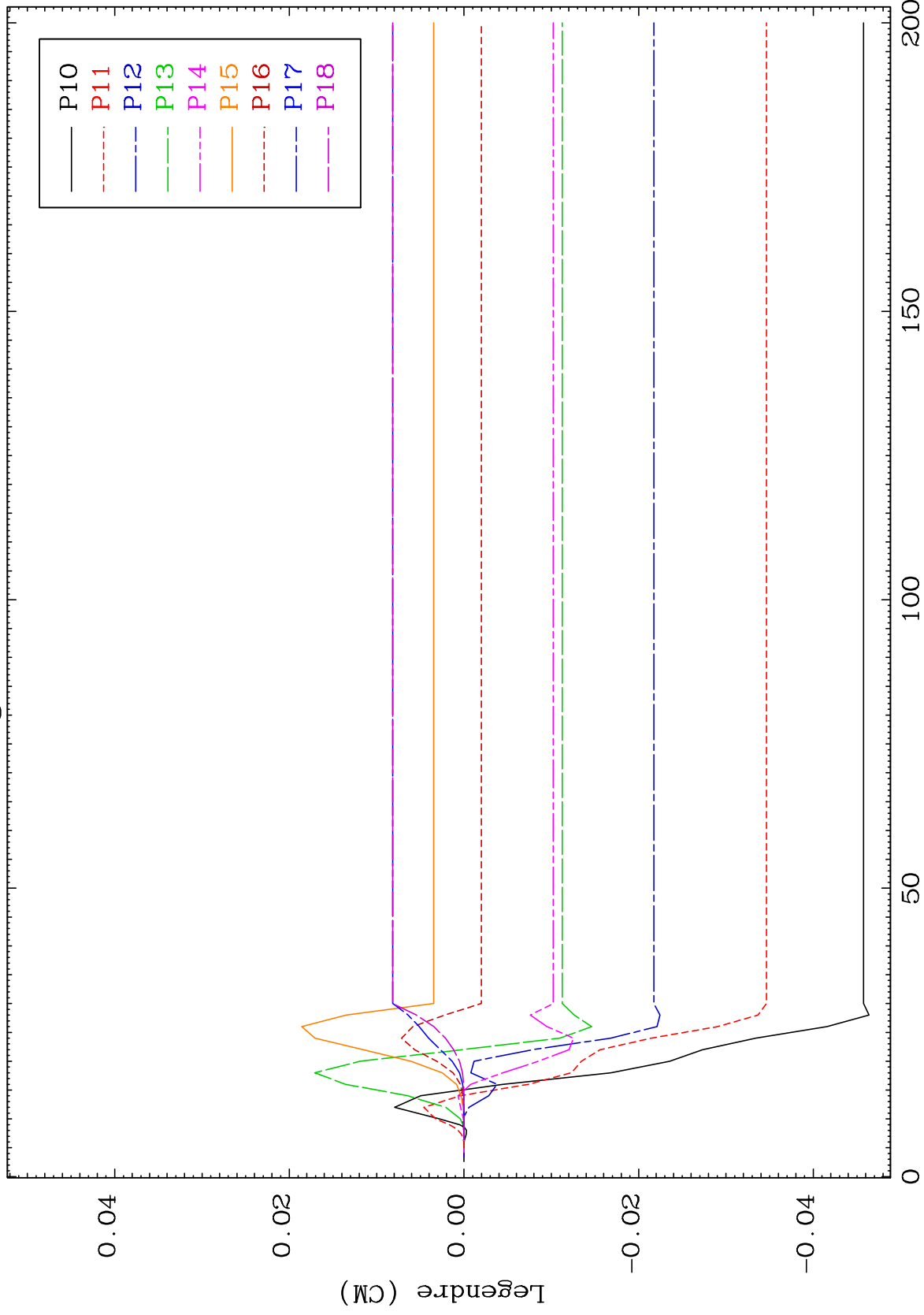
Incident Energy (MeV)

Legendre (CM)

MAT 4855

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

48-Cd-116



102

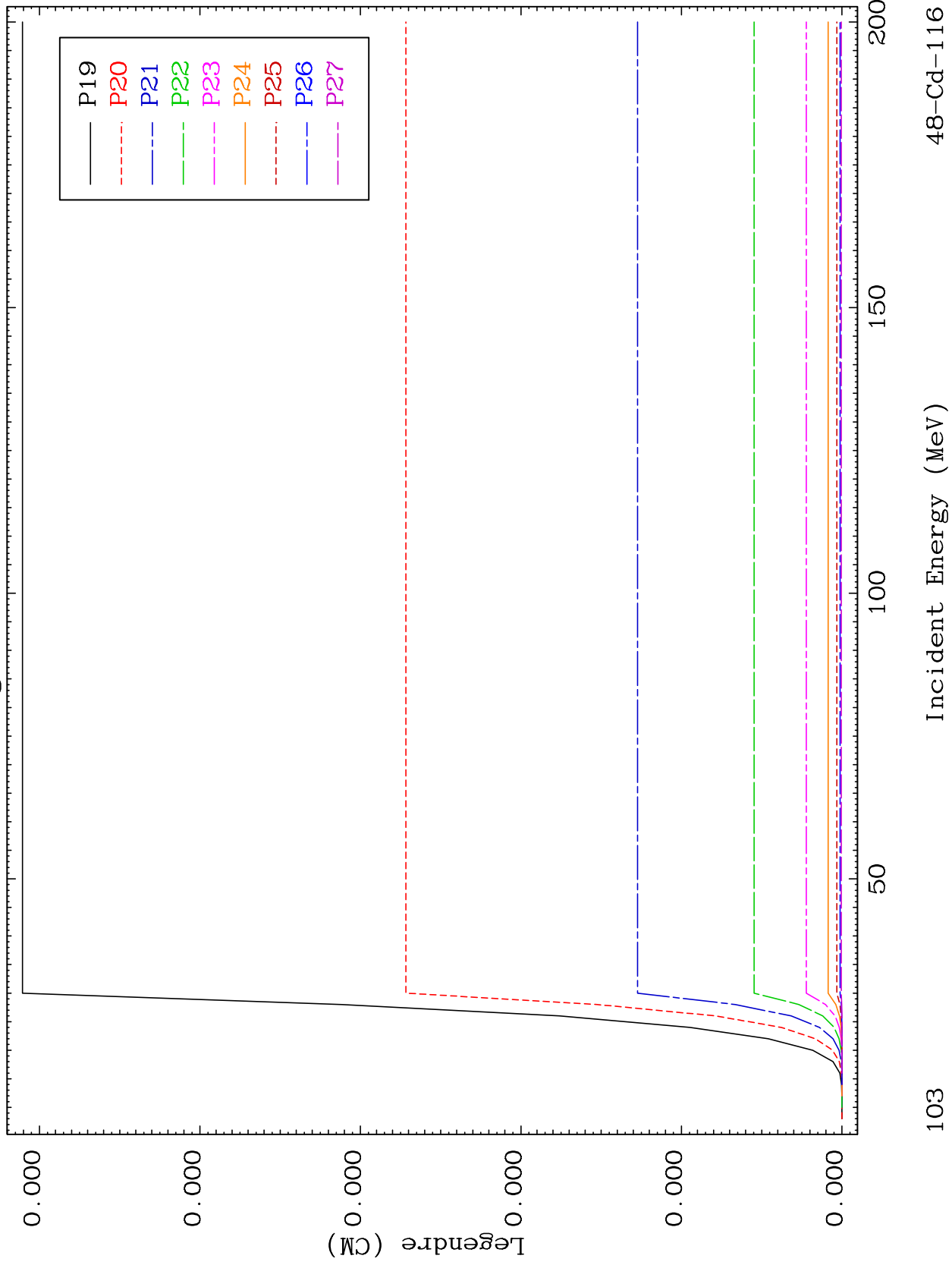
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

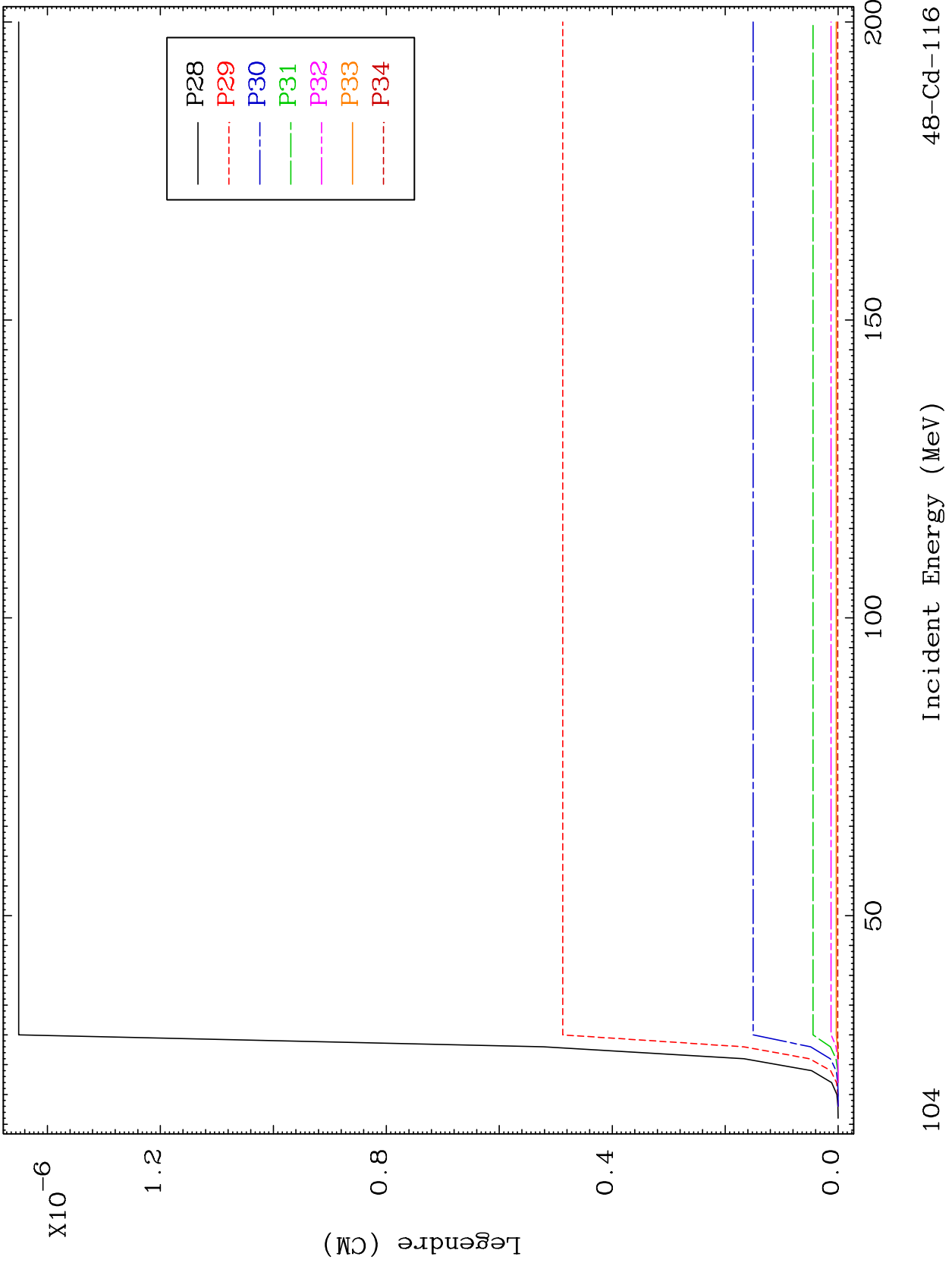


103

MAT 4855

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

48-Cd-116



104

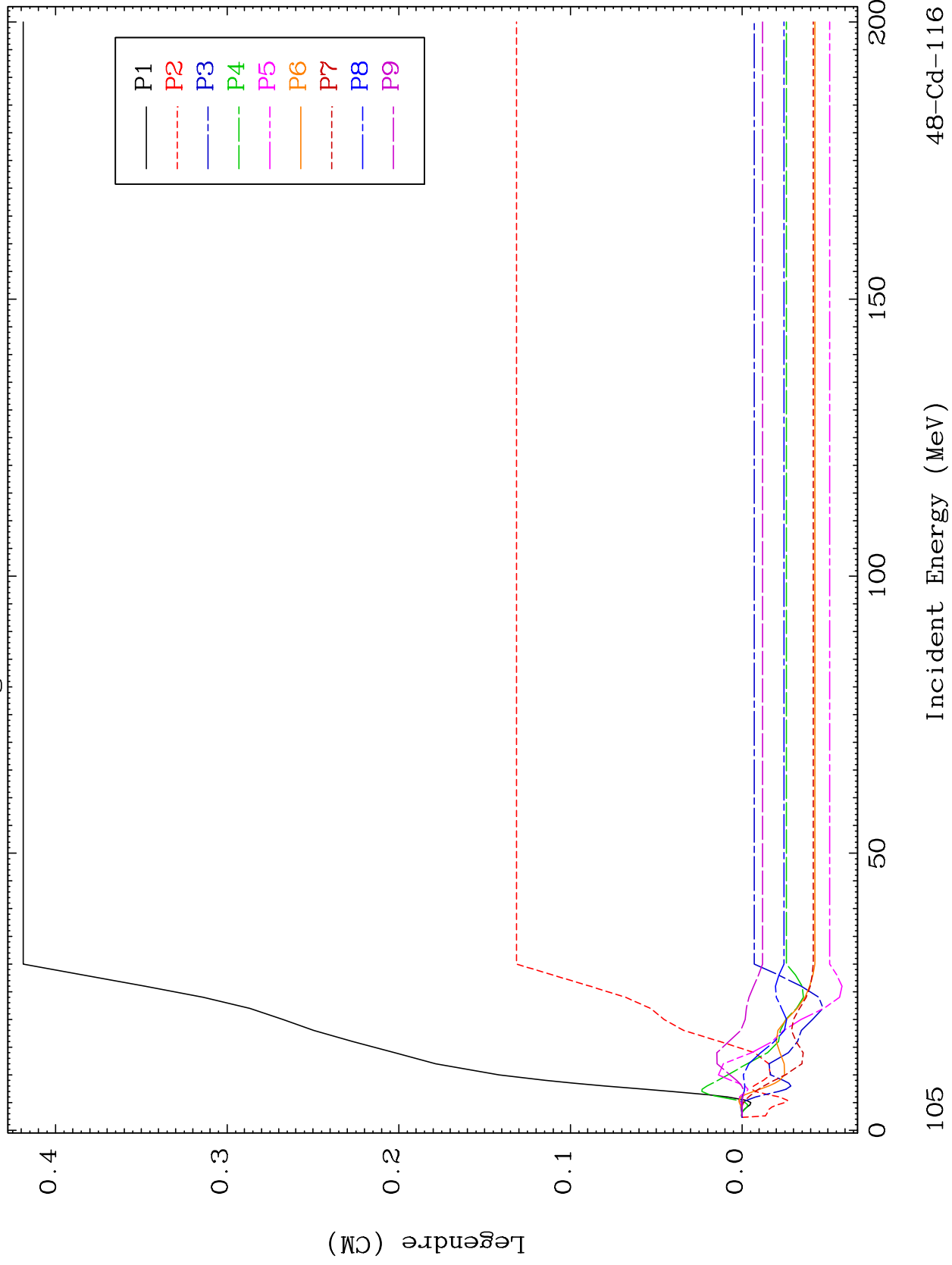
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



48-Cd-116

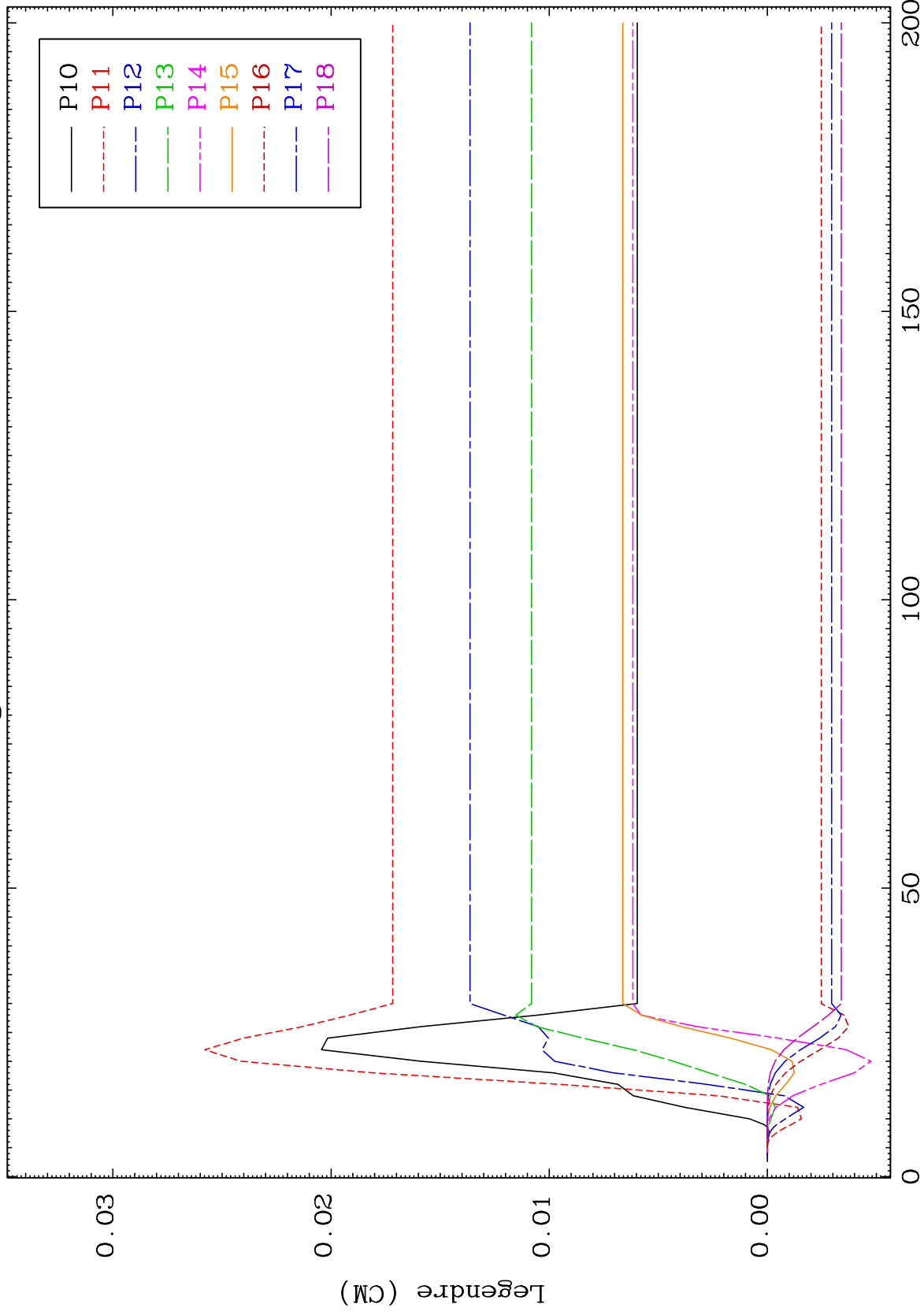
Incident Energy (MeV)

105

MAT 4855

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

48-Cd-116



106

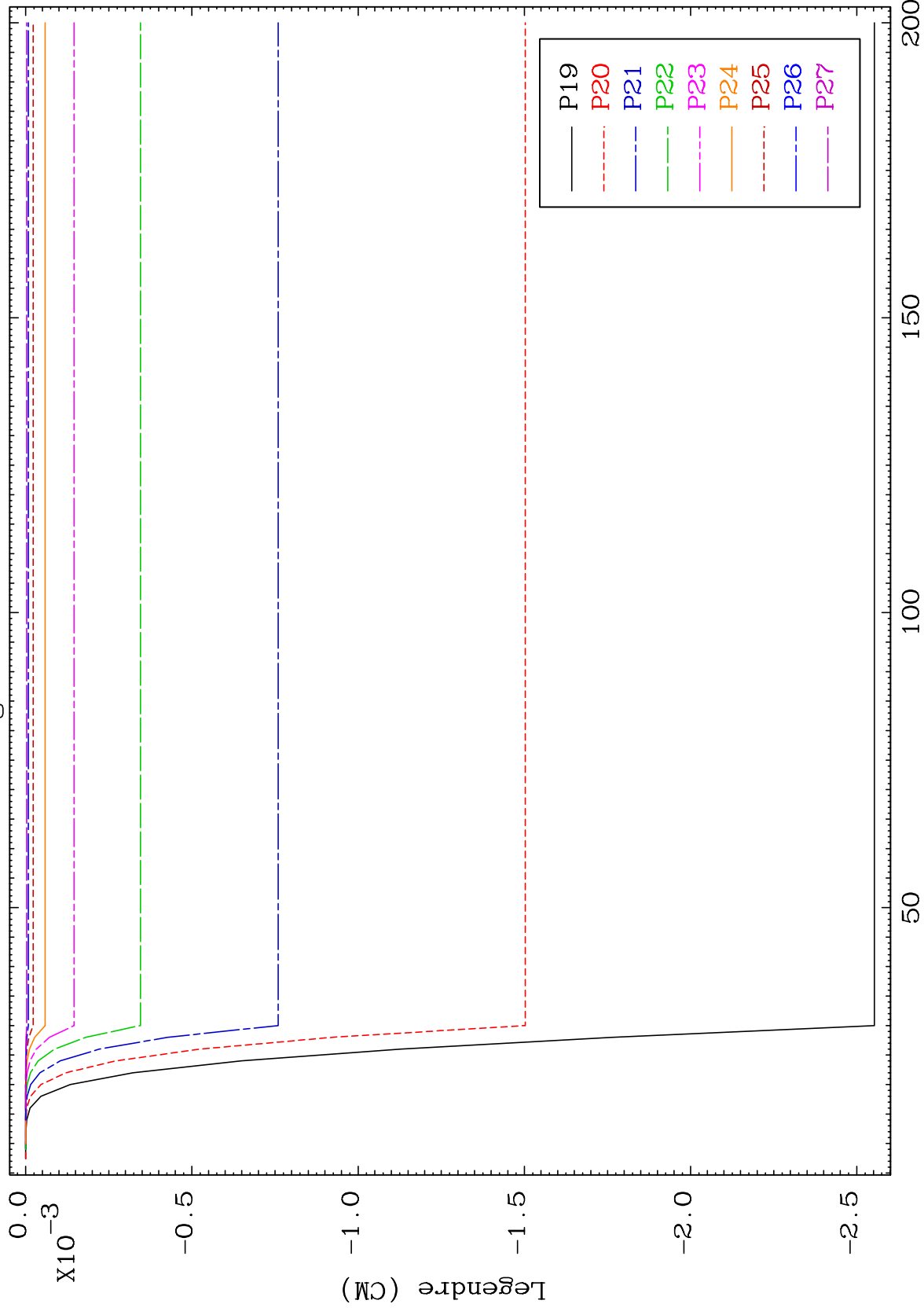
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

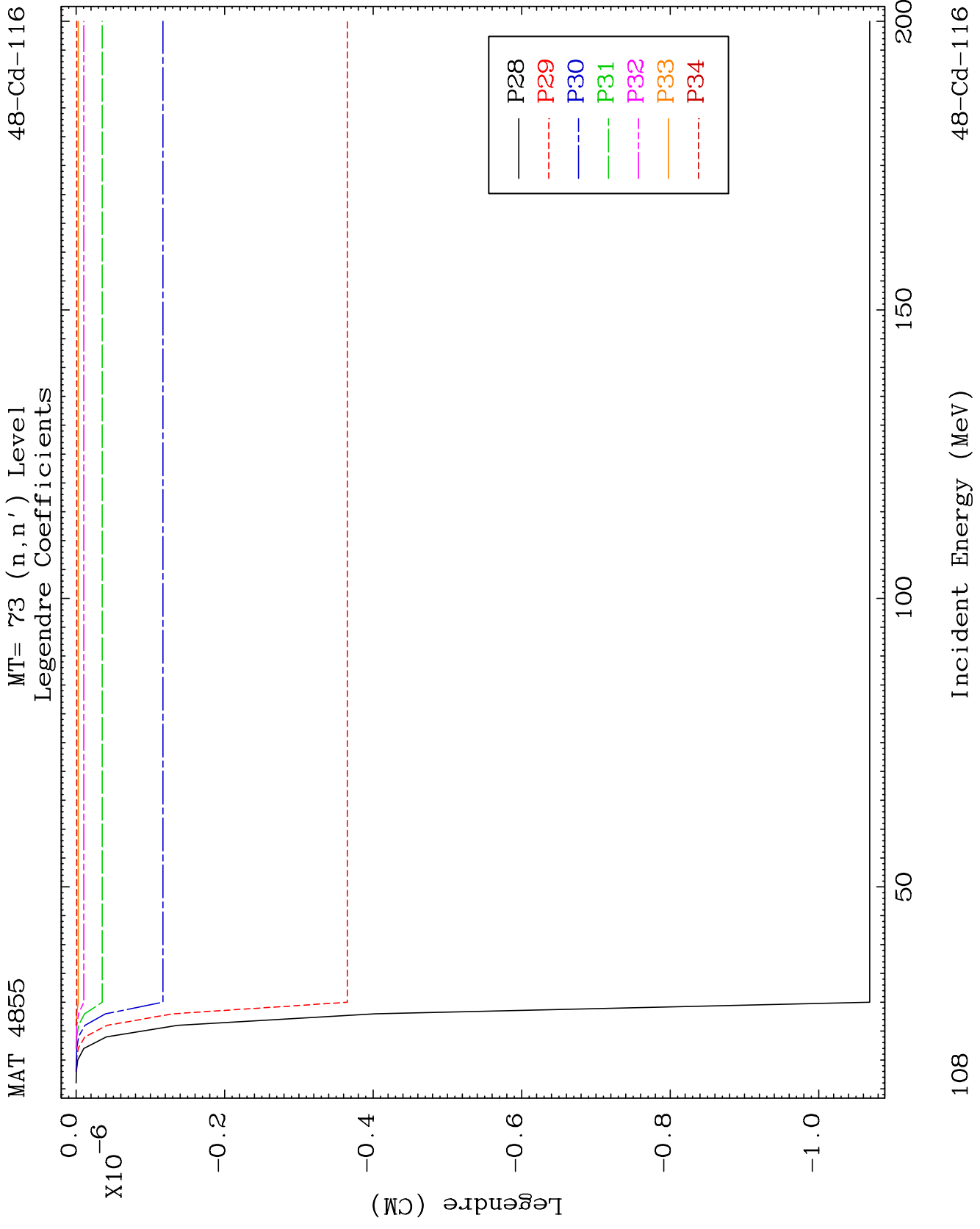
48-Cd-116



107

Incident Energy (MeV)

48-Cd-116

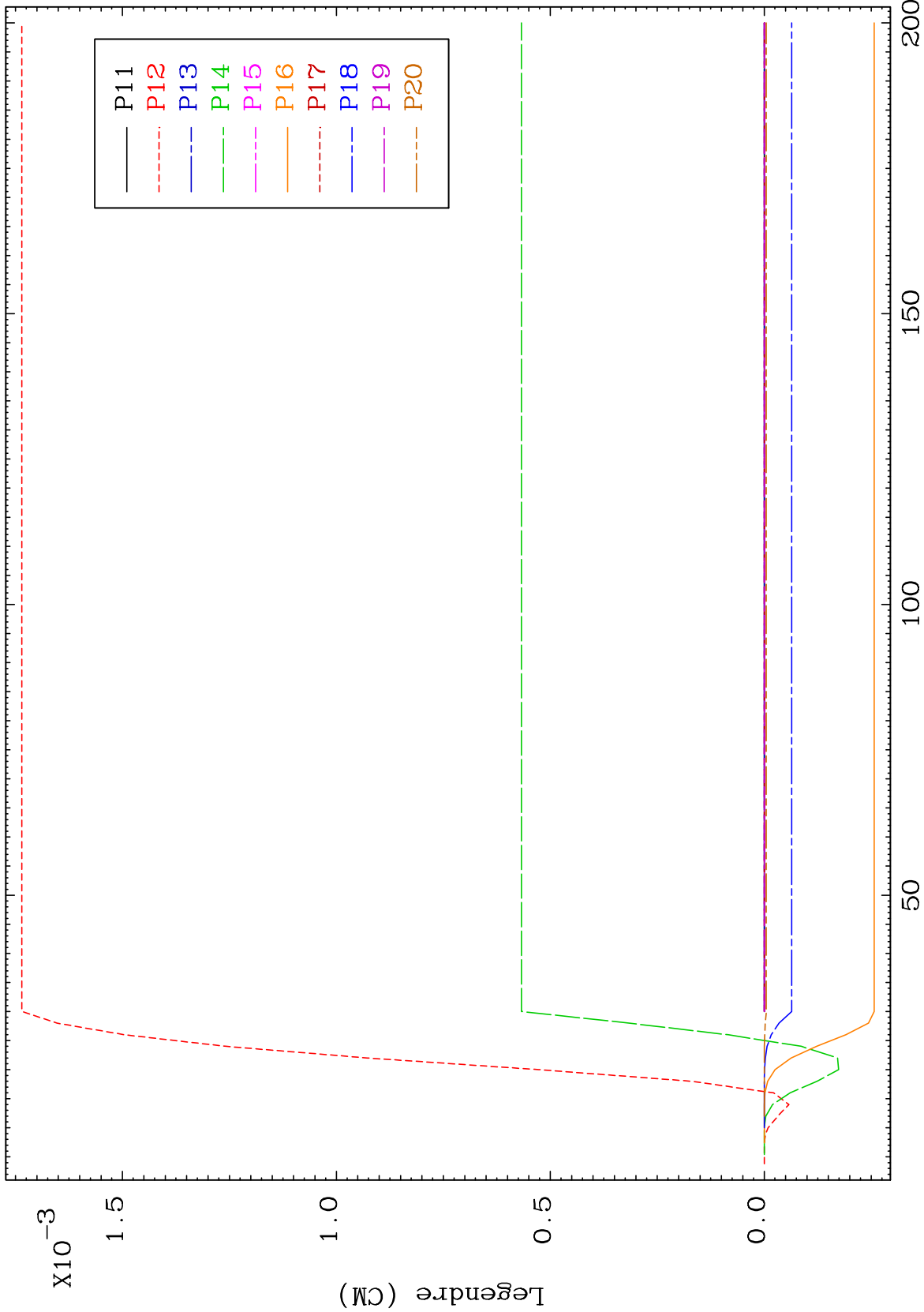


MAT 4855

MT= 74 (n,n') Level

48-Cd-116

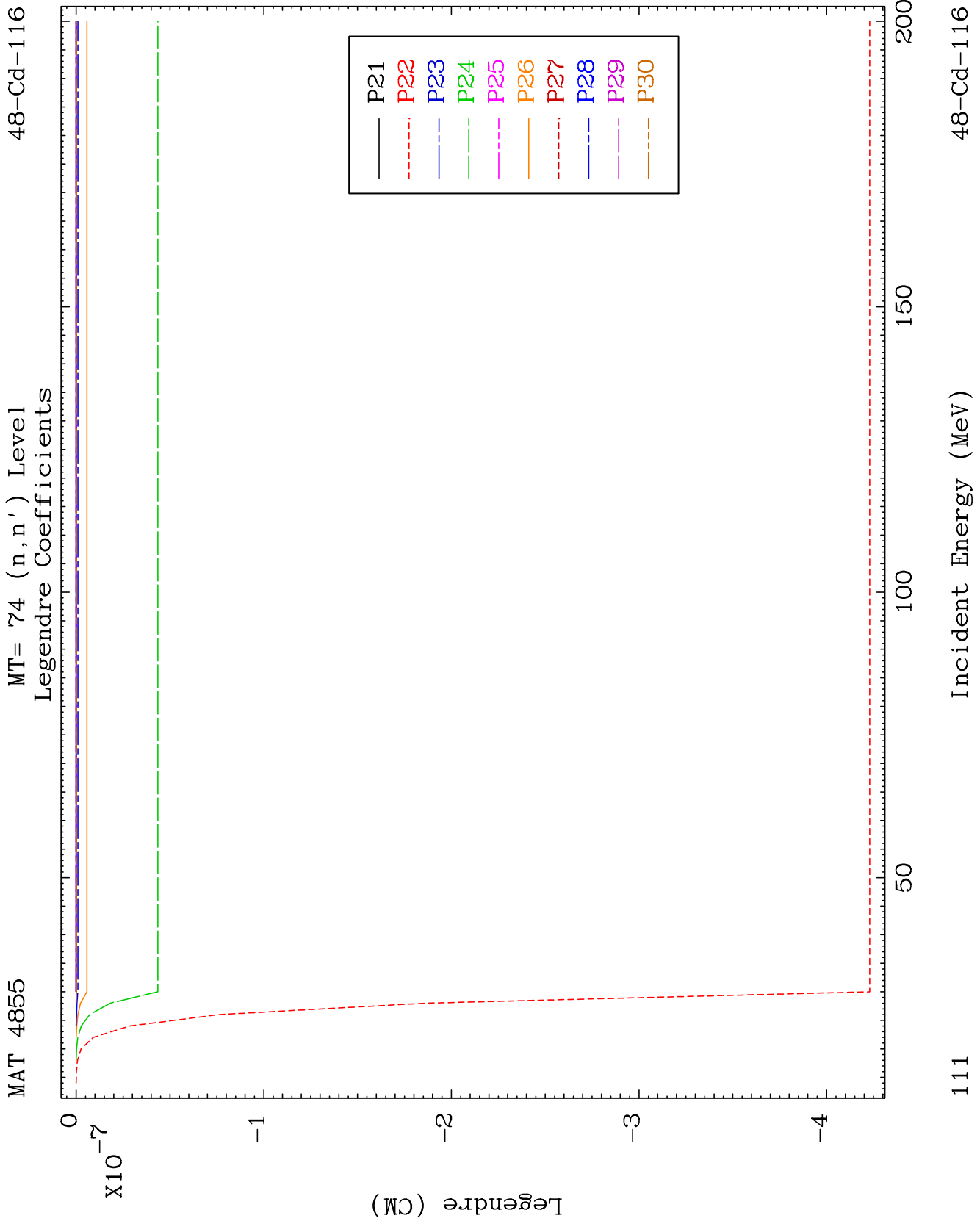
Legendre Coefficients

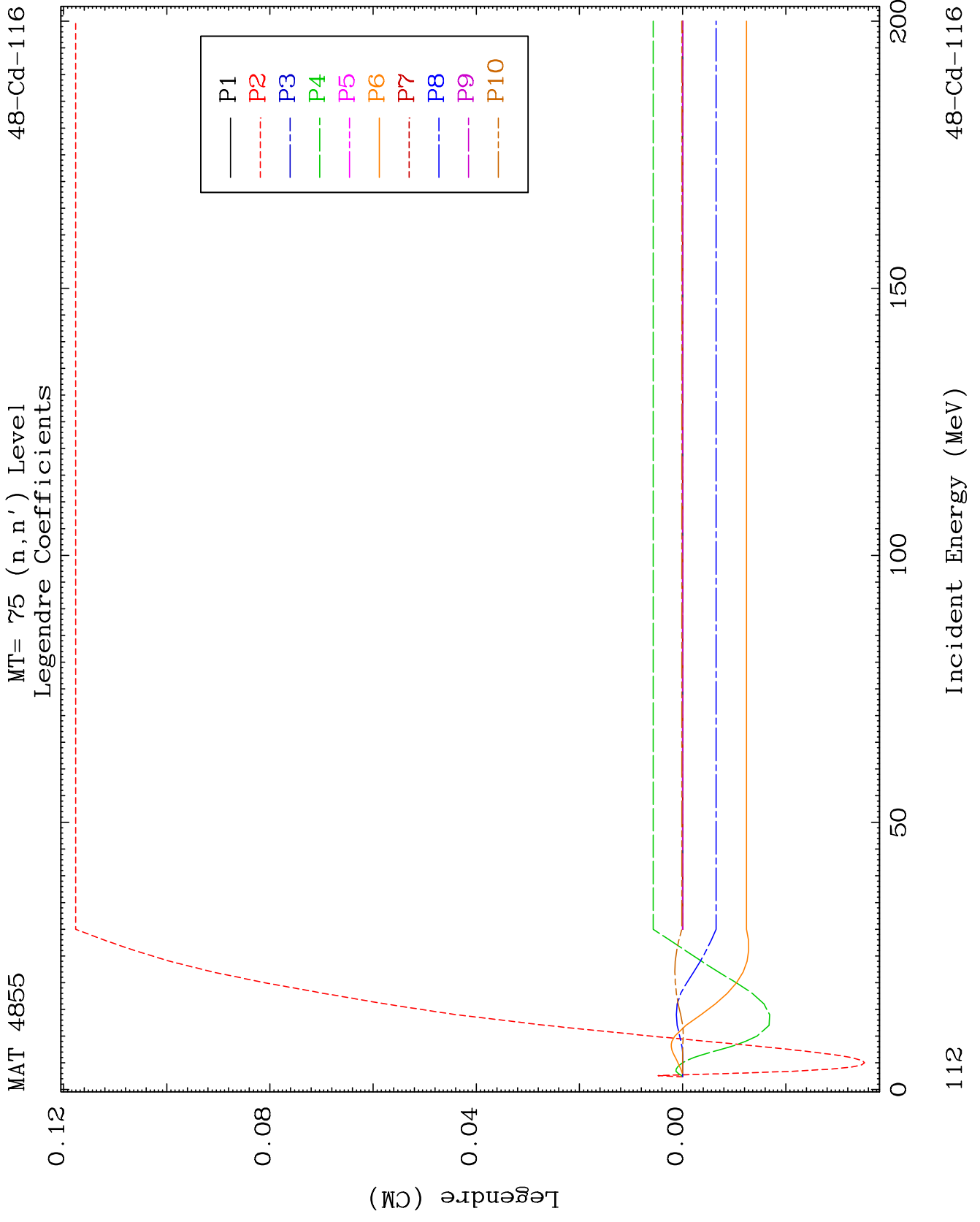


110

Incident Energy (MeV)

48-Cd-116

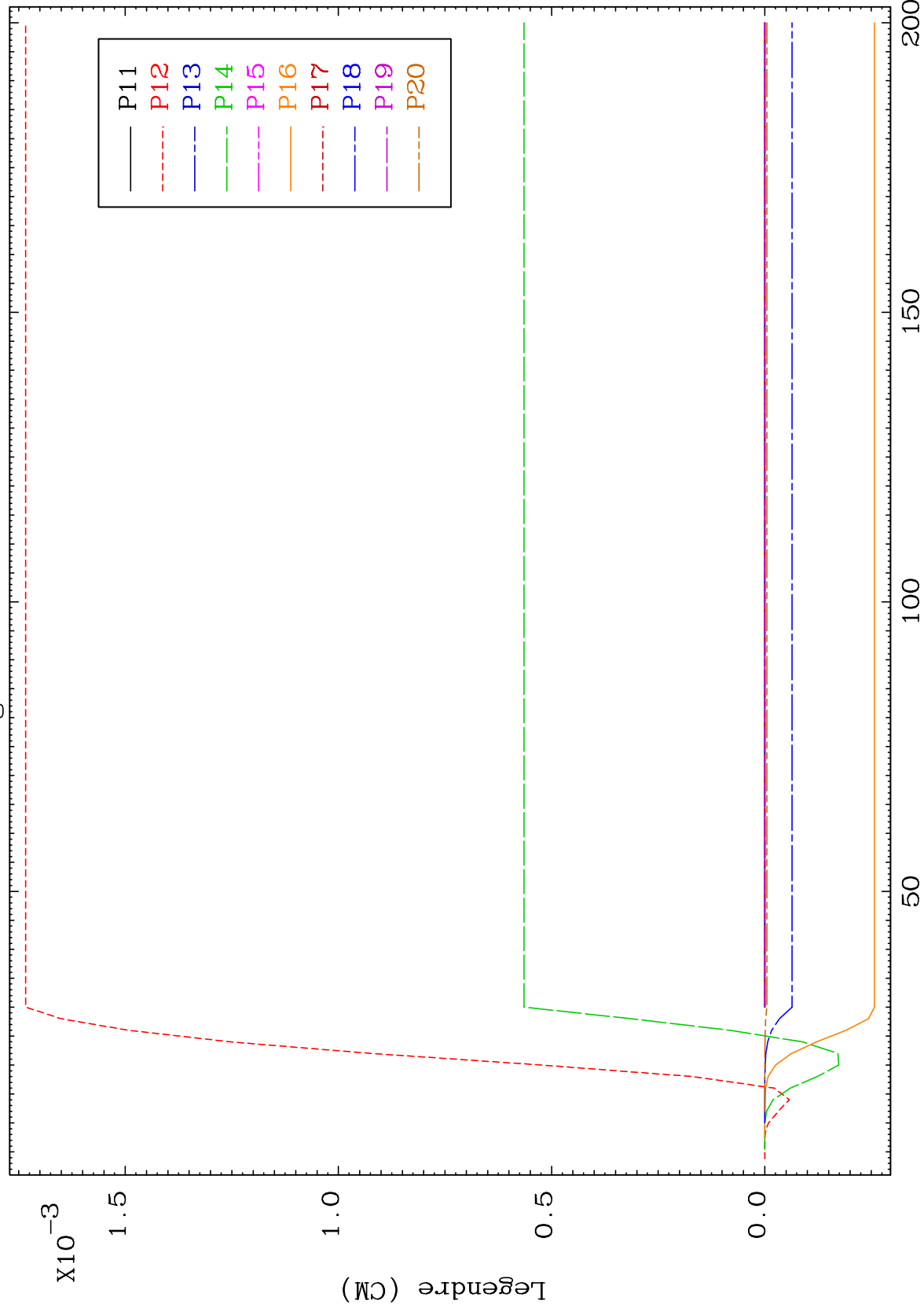




MAT 4855

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

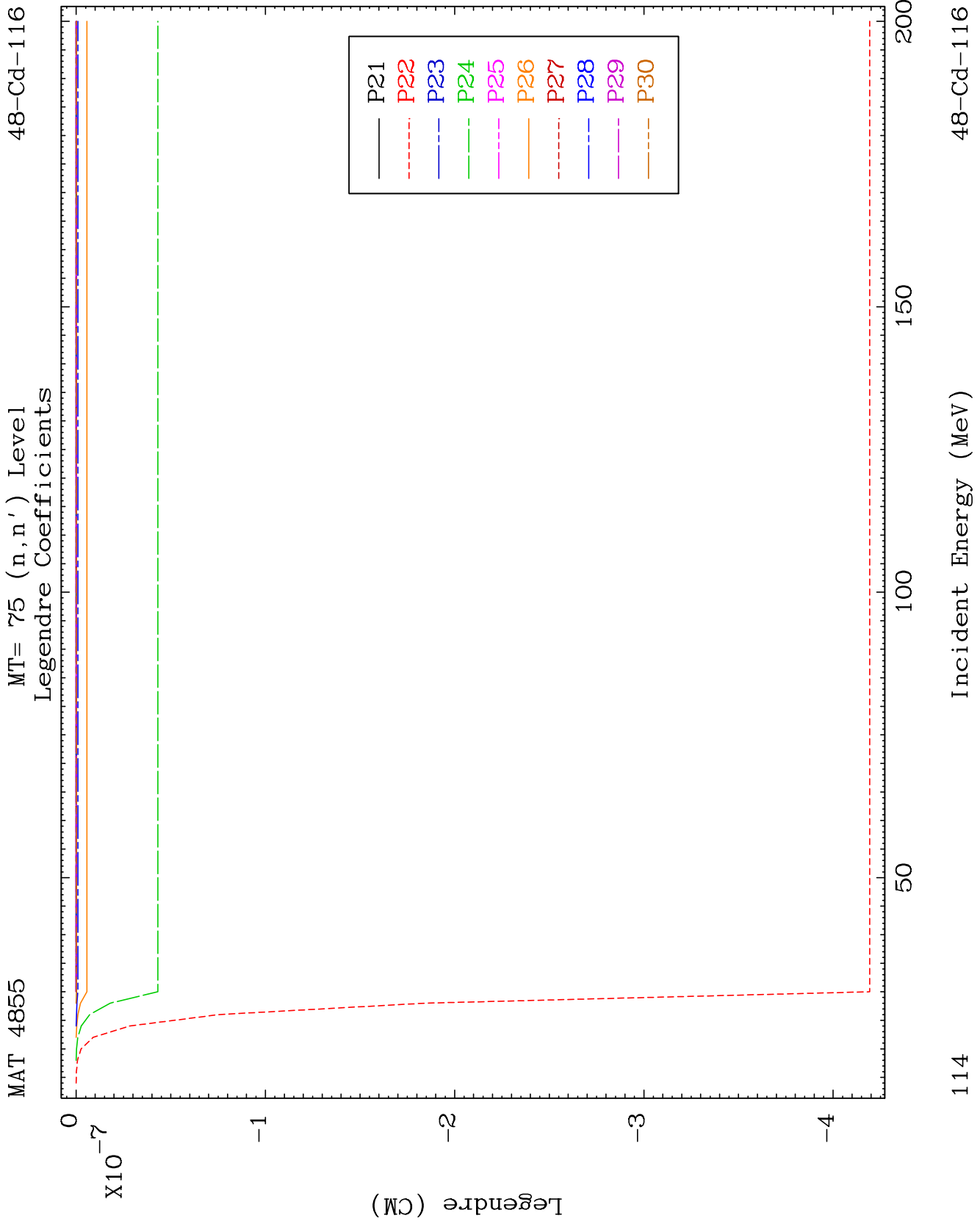
48-Cd-116



113

Incident Energy (MeV)

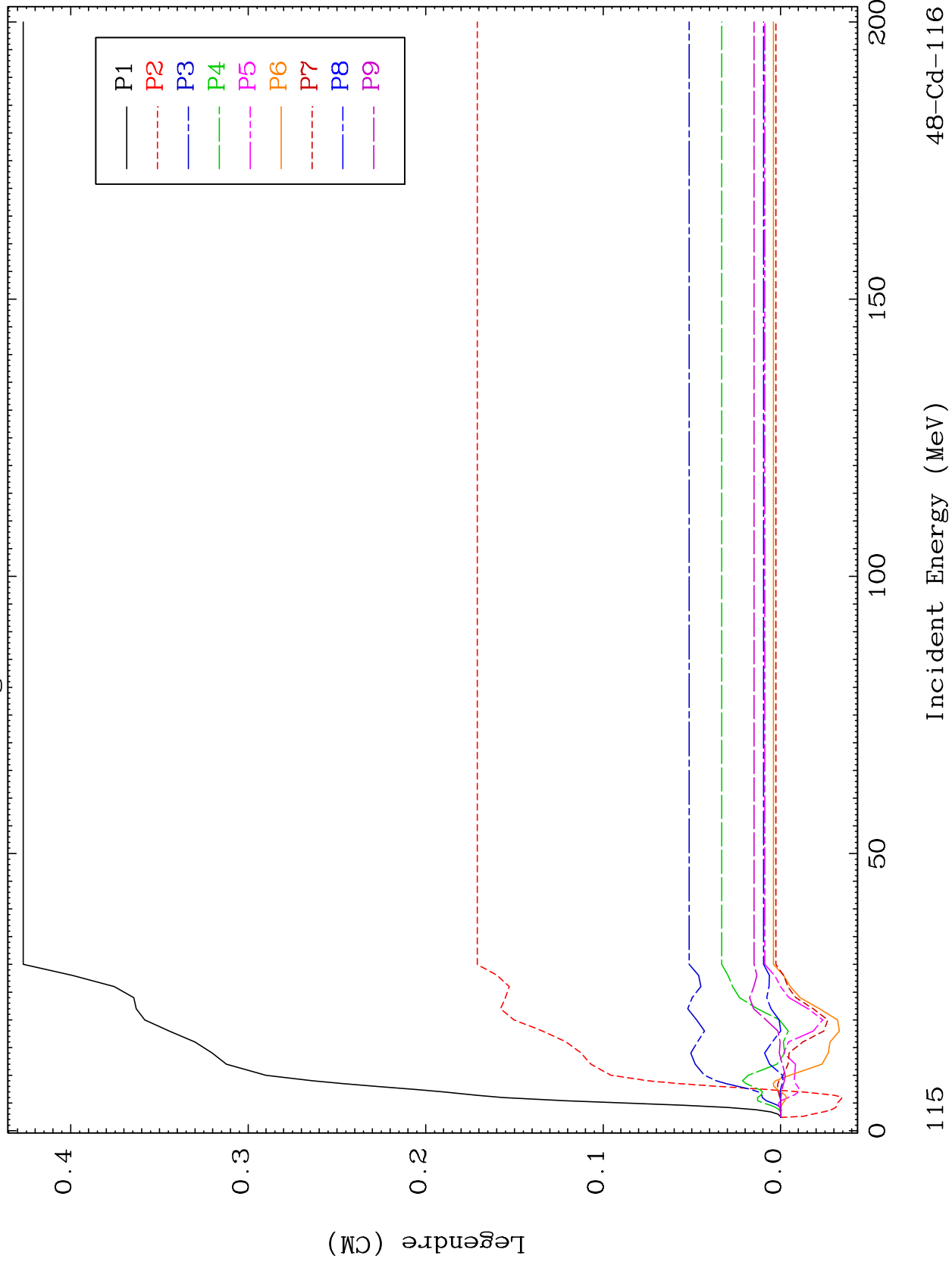
48-Cd-116



MAT 4855

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

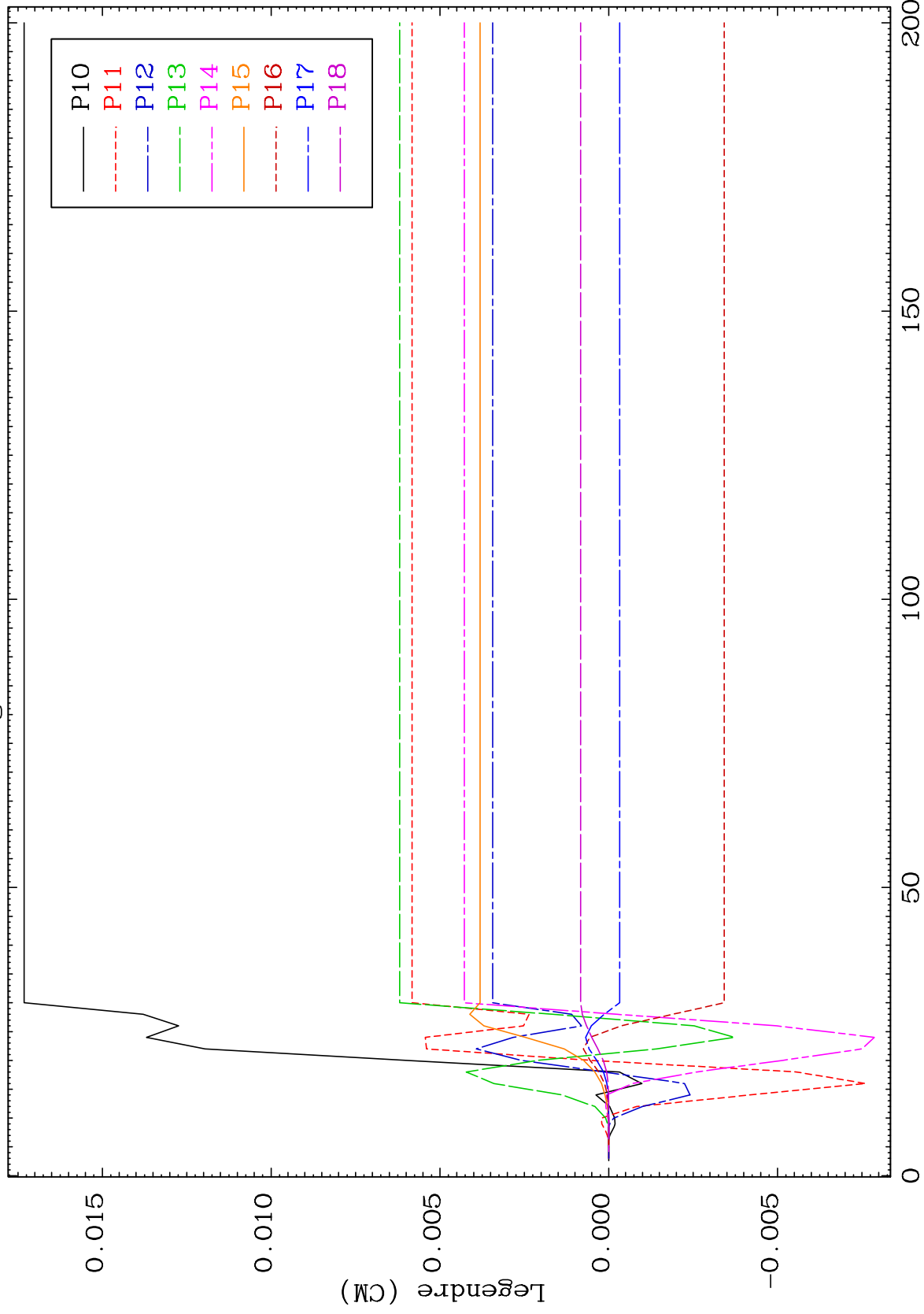
48-Cd-116



MAT 4855

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

48-Cd-116



116

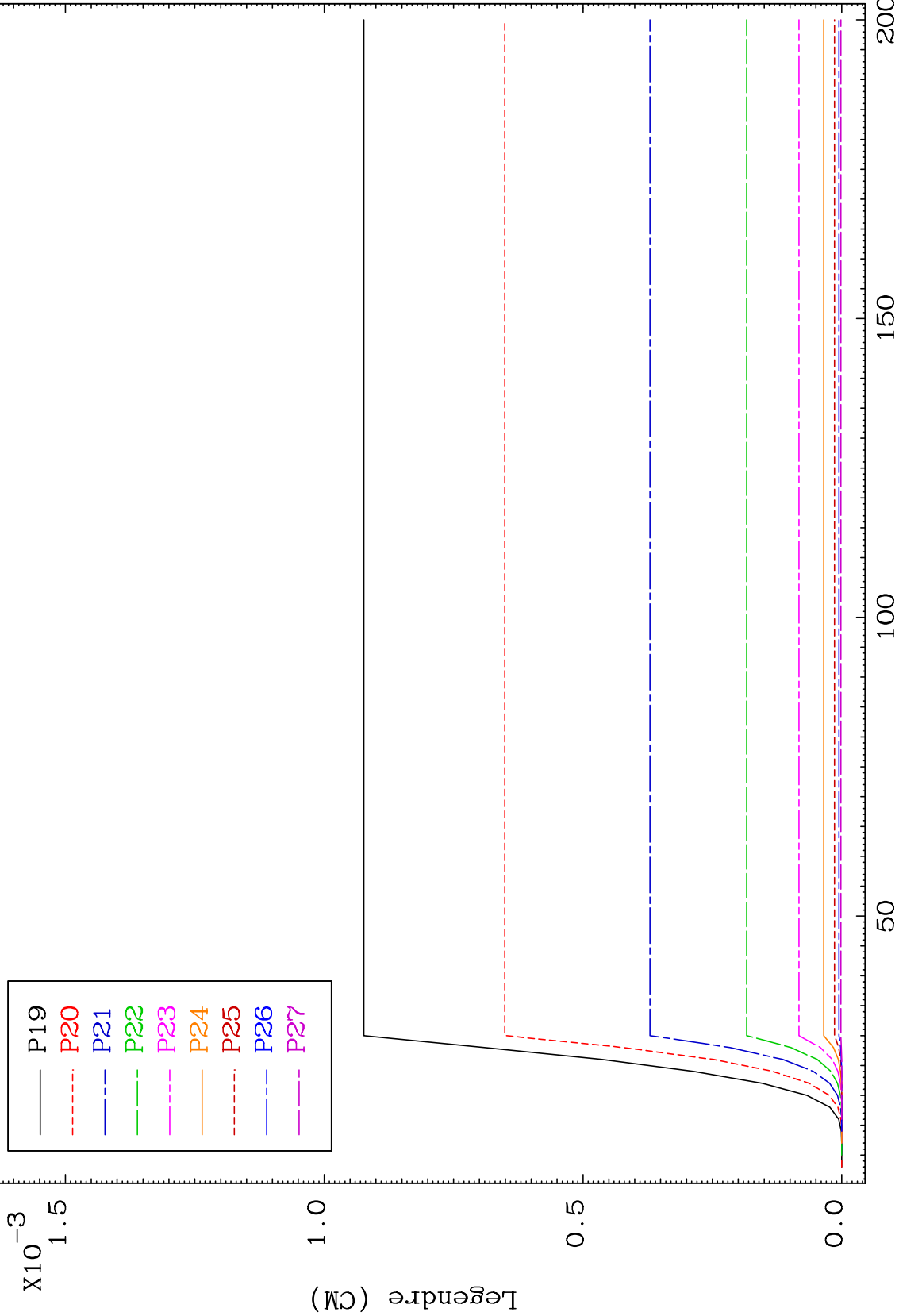
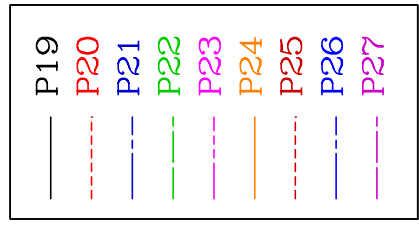
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



117

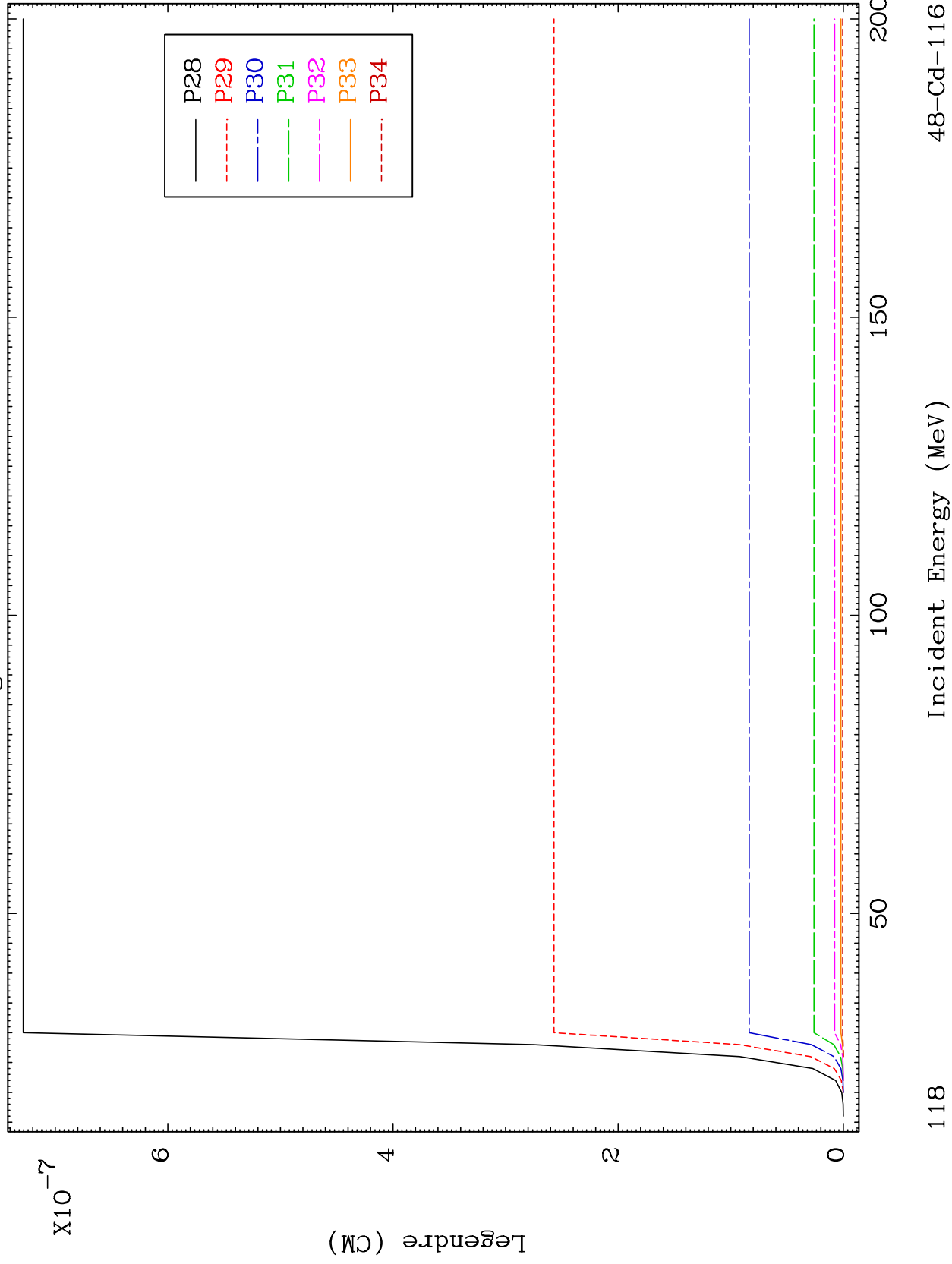
Incident Energy (MeV)

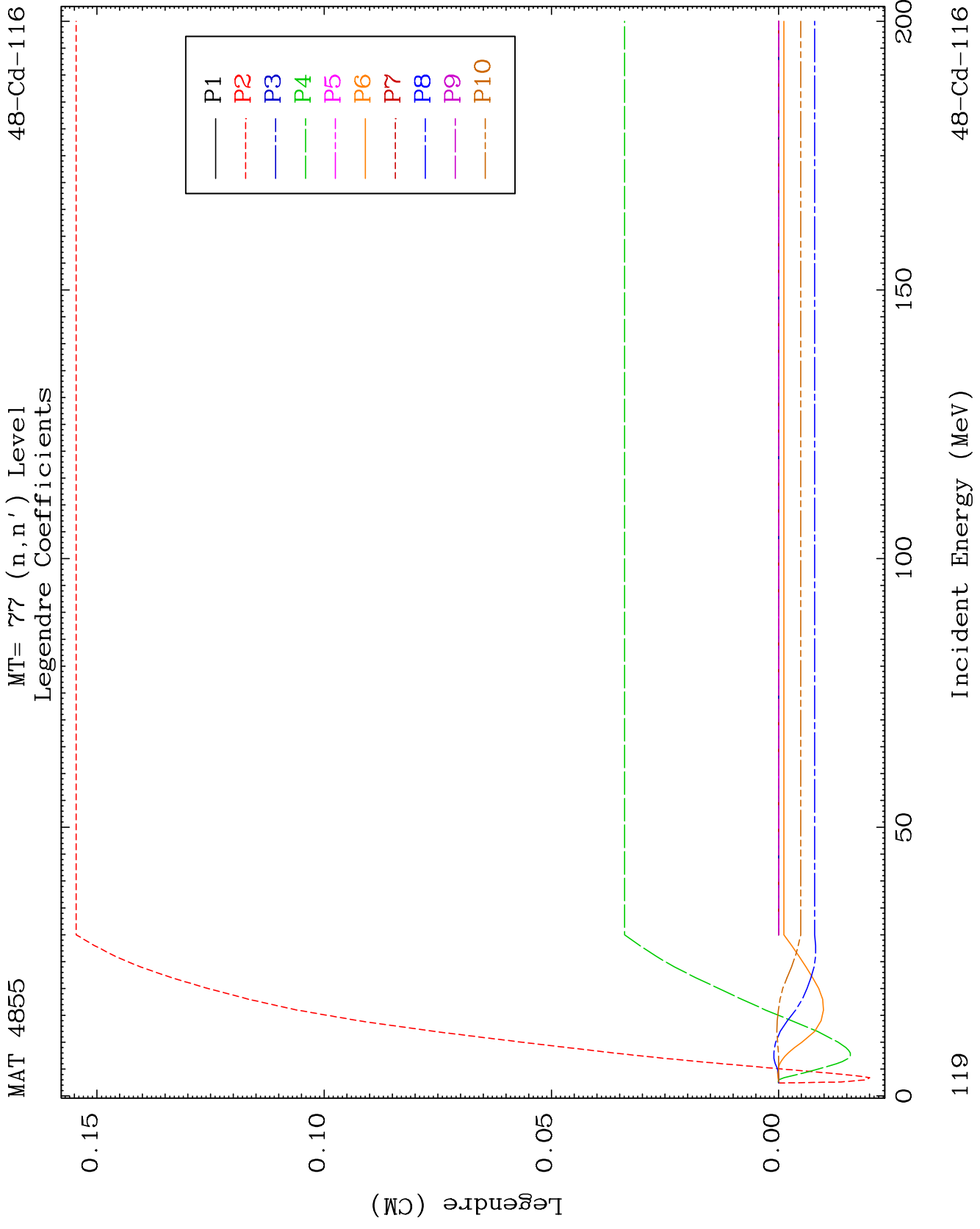
48-Cd-116

MAT 4855

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

48-Cd-116

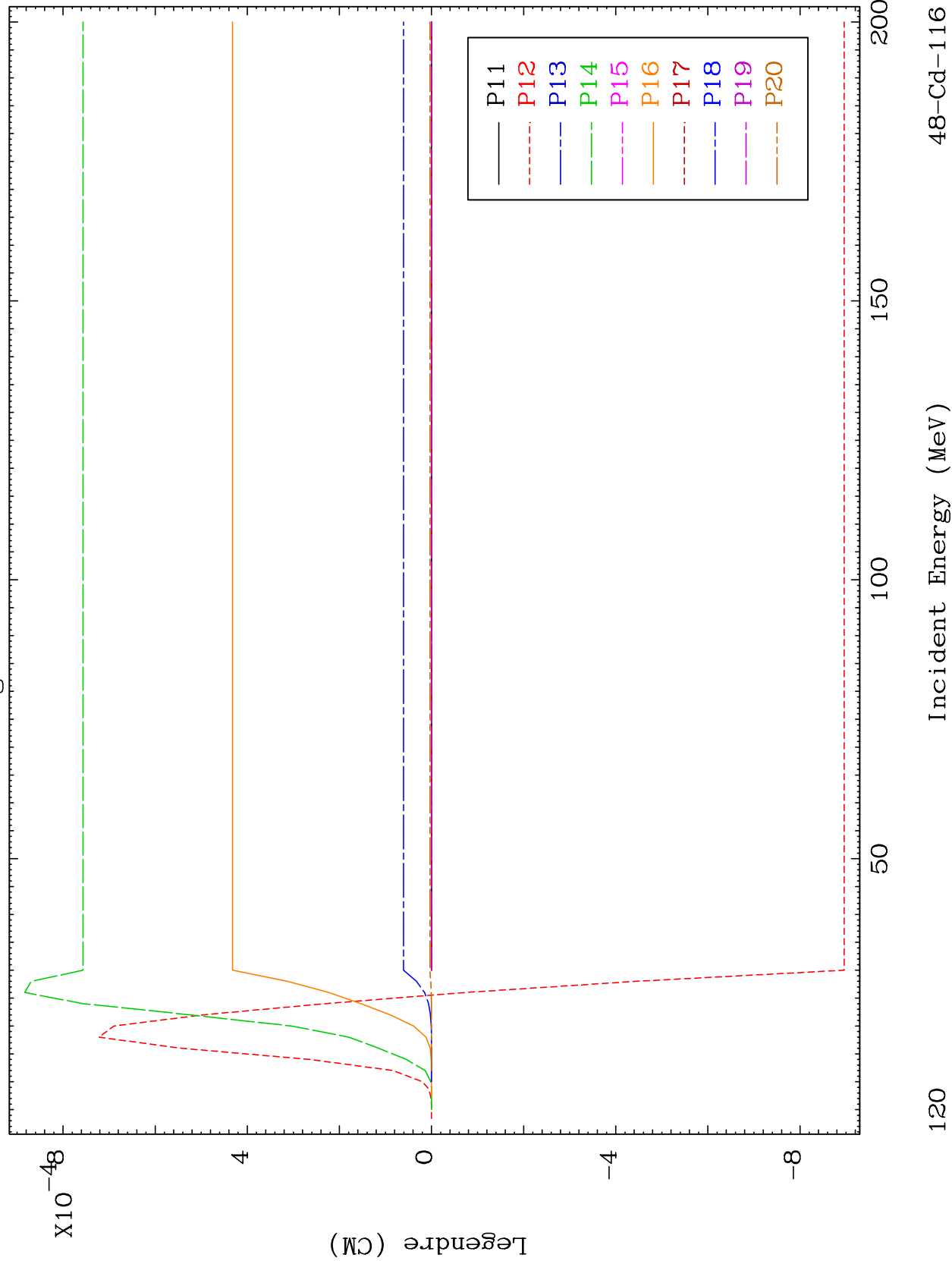




MAT 4855

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

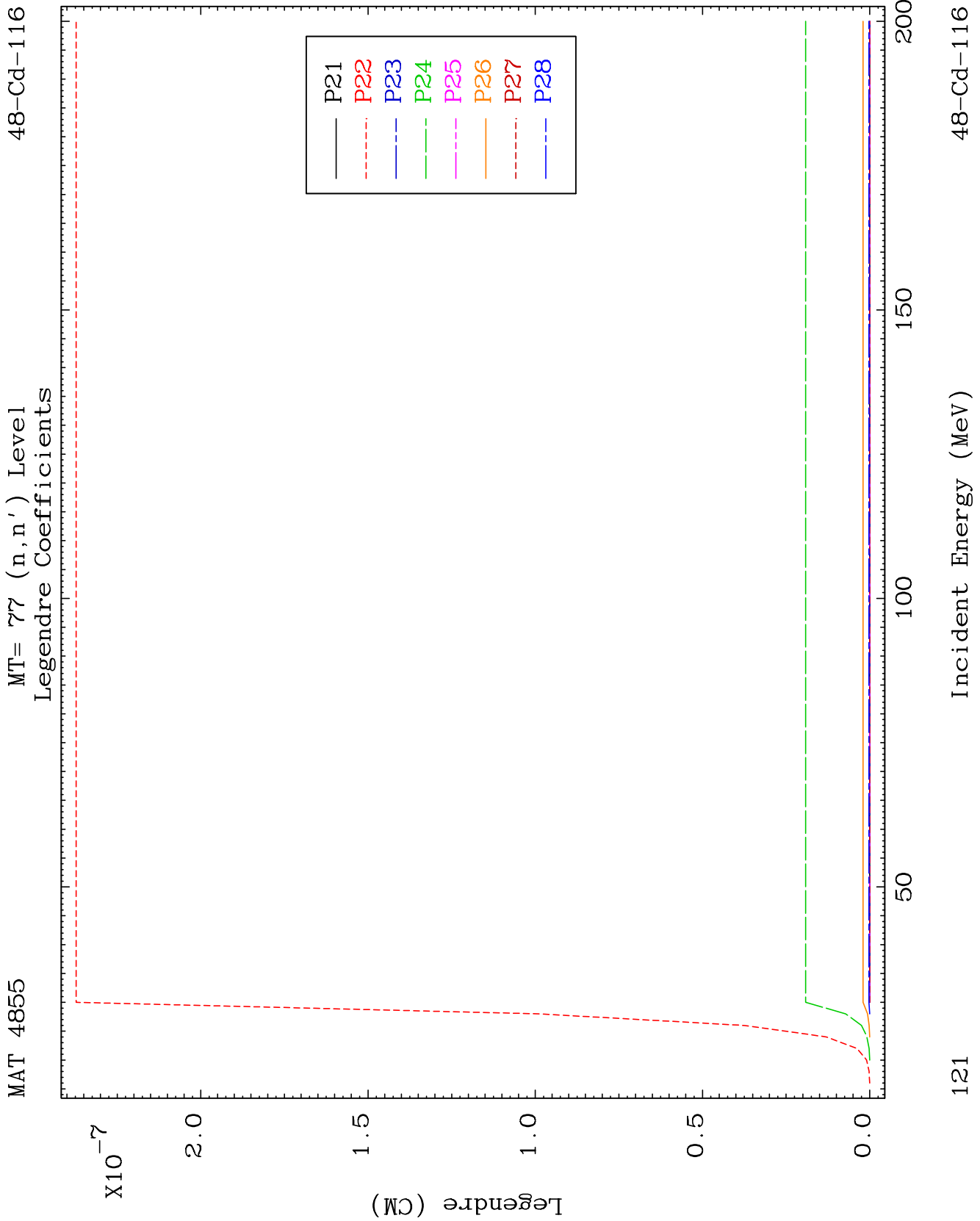
48-Cd-116



48-Cd-116

Incident Energy (MeV)

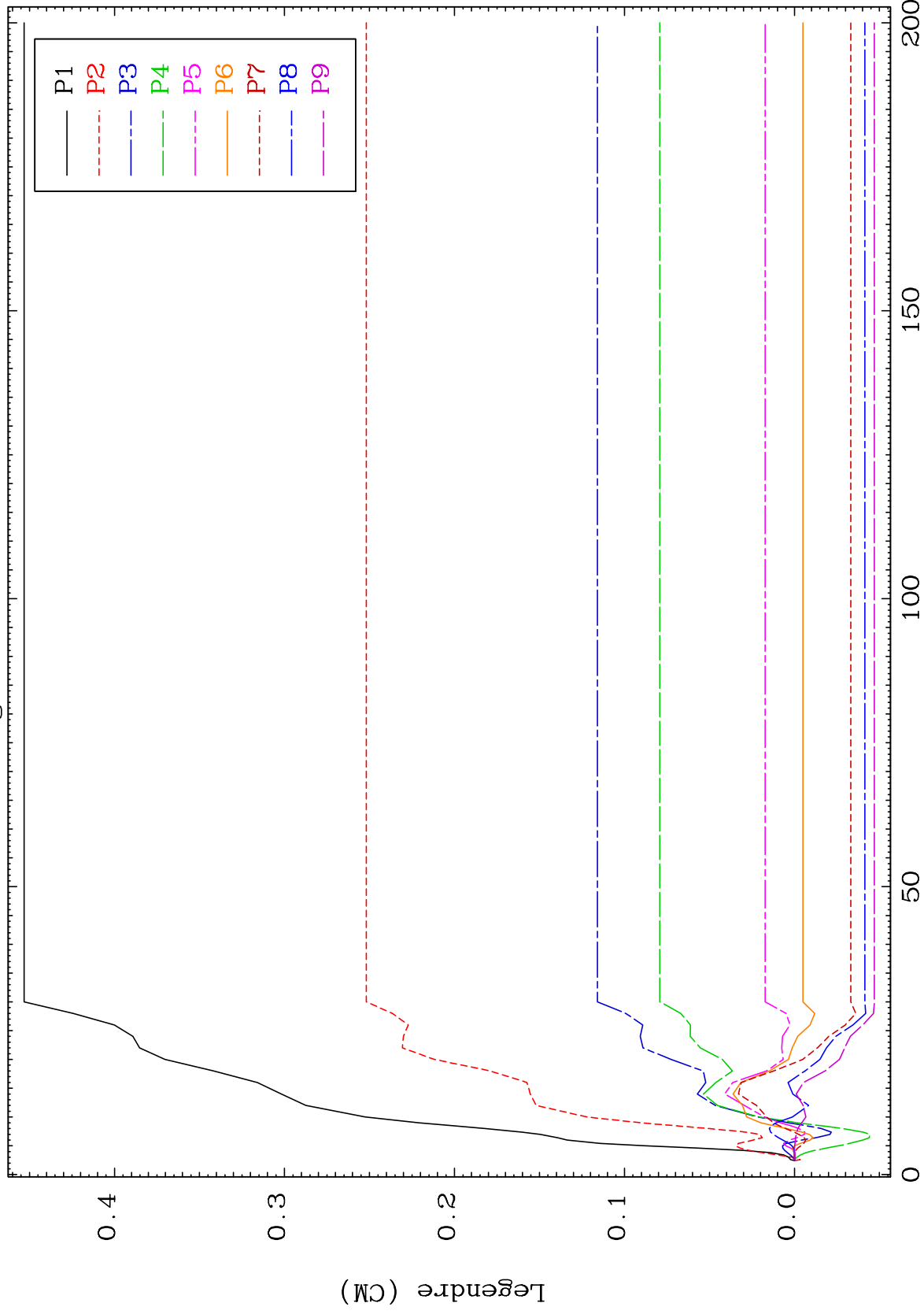
120



MAT 4855

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

48-Cd-116



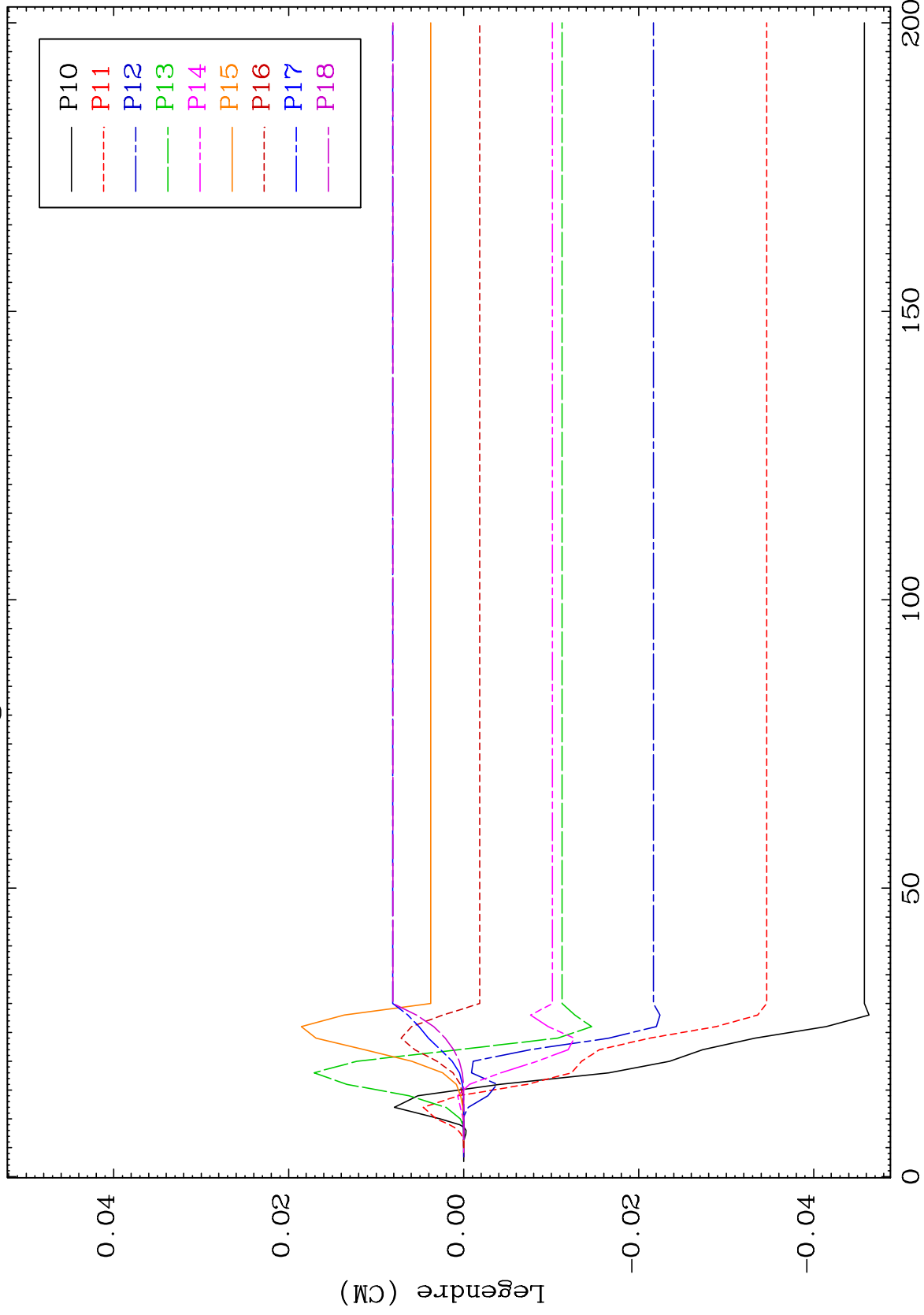
122

48-Cd-116

MAT 4855

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

48-Cd-116



123

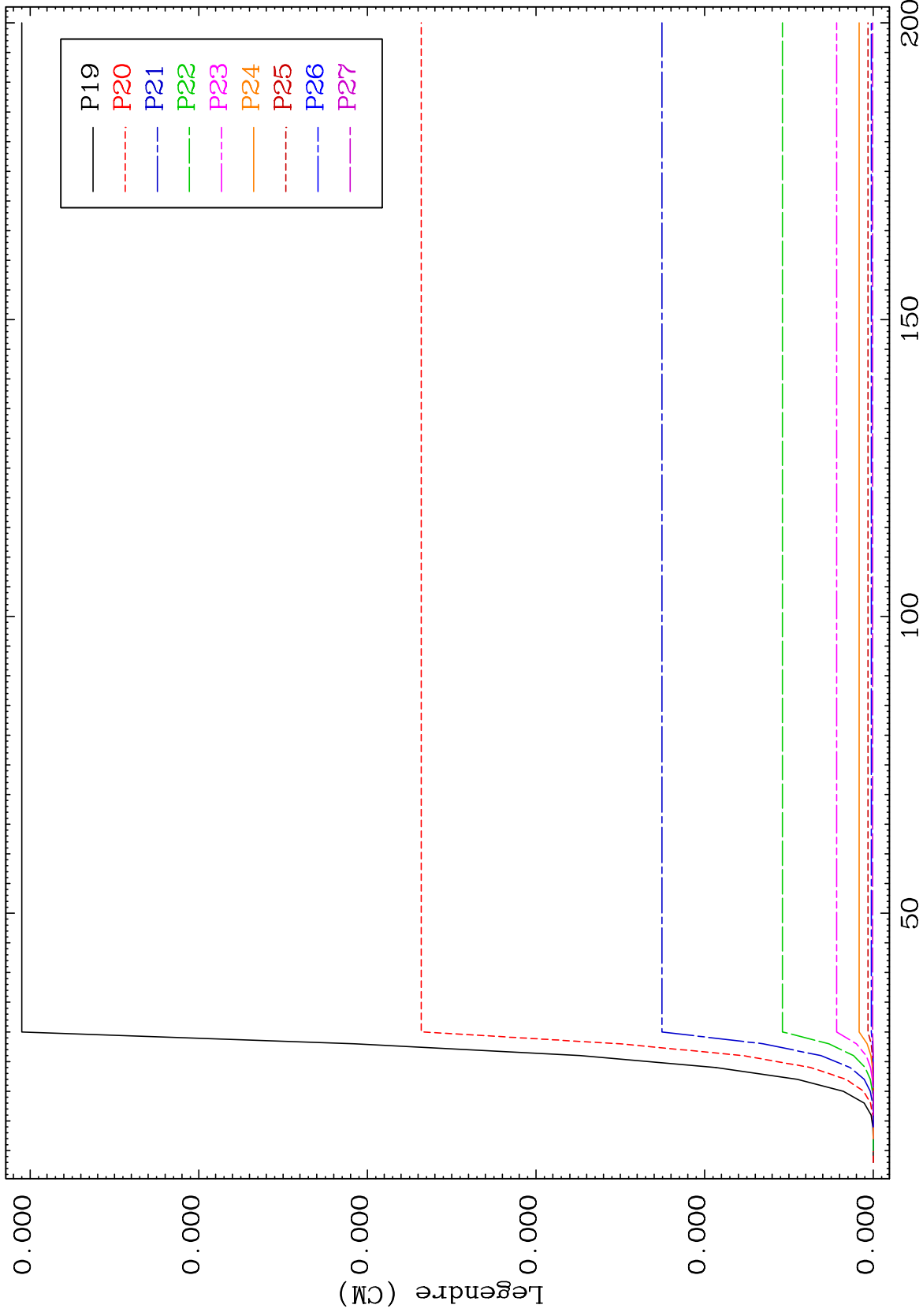
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



124

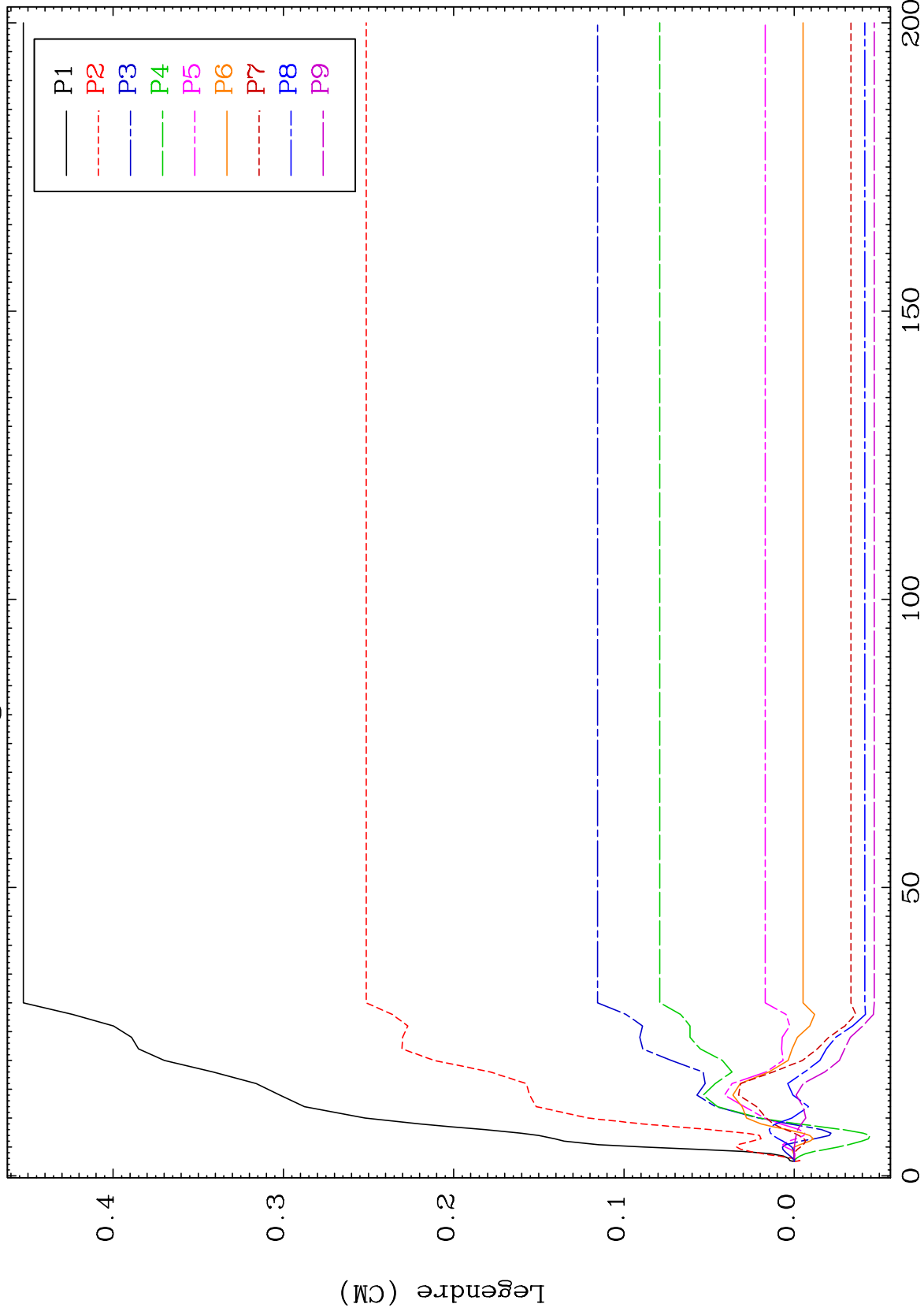
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



126

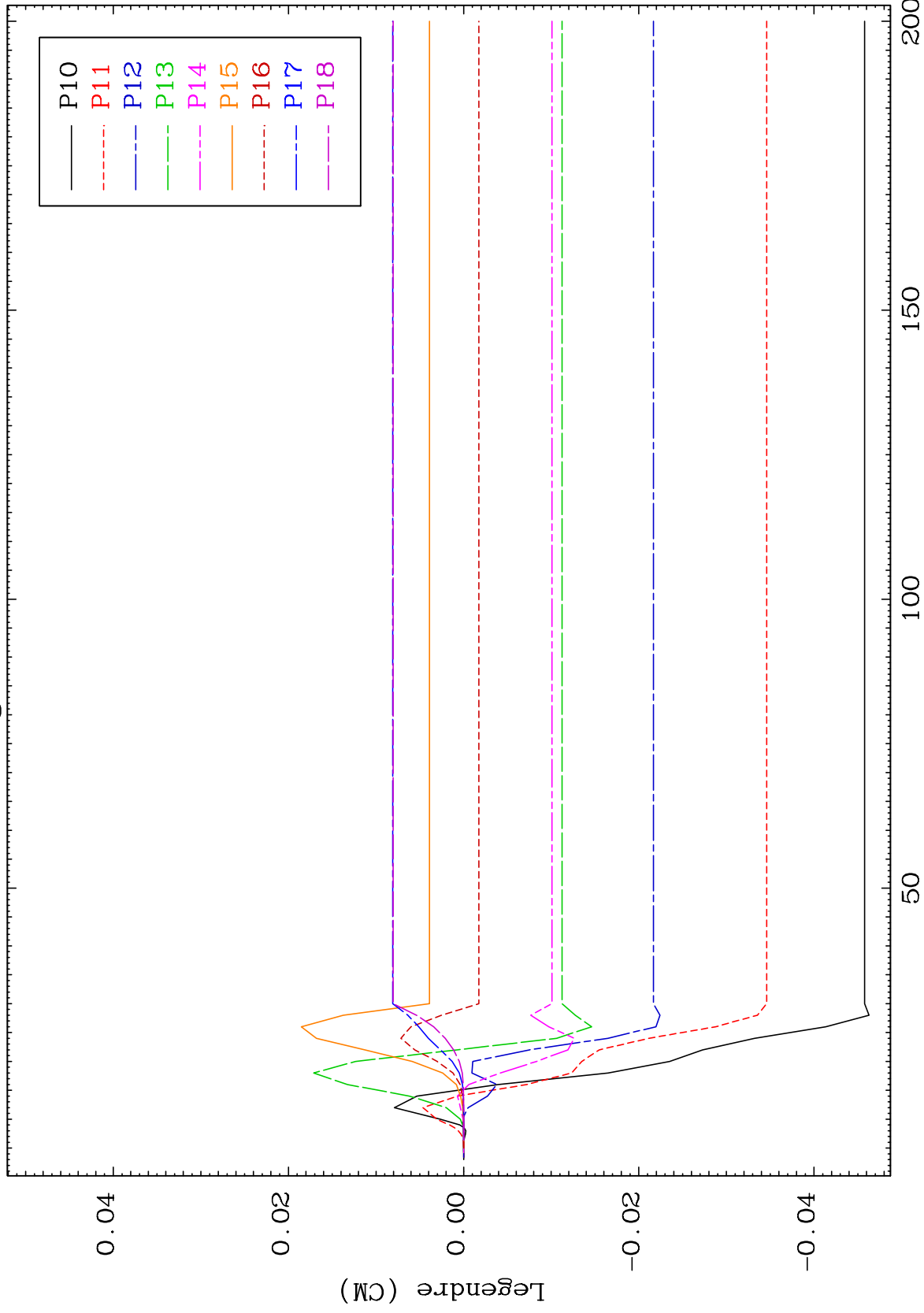
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



127

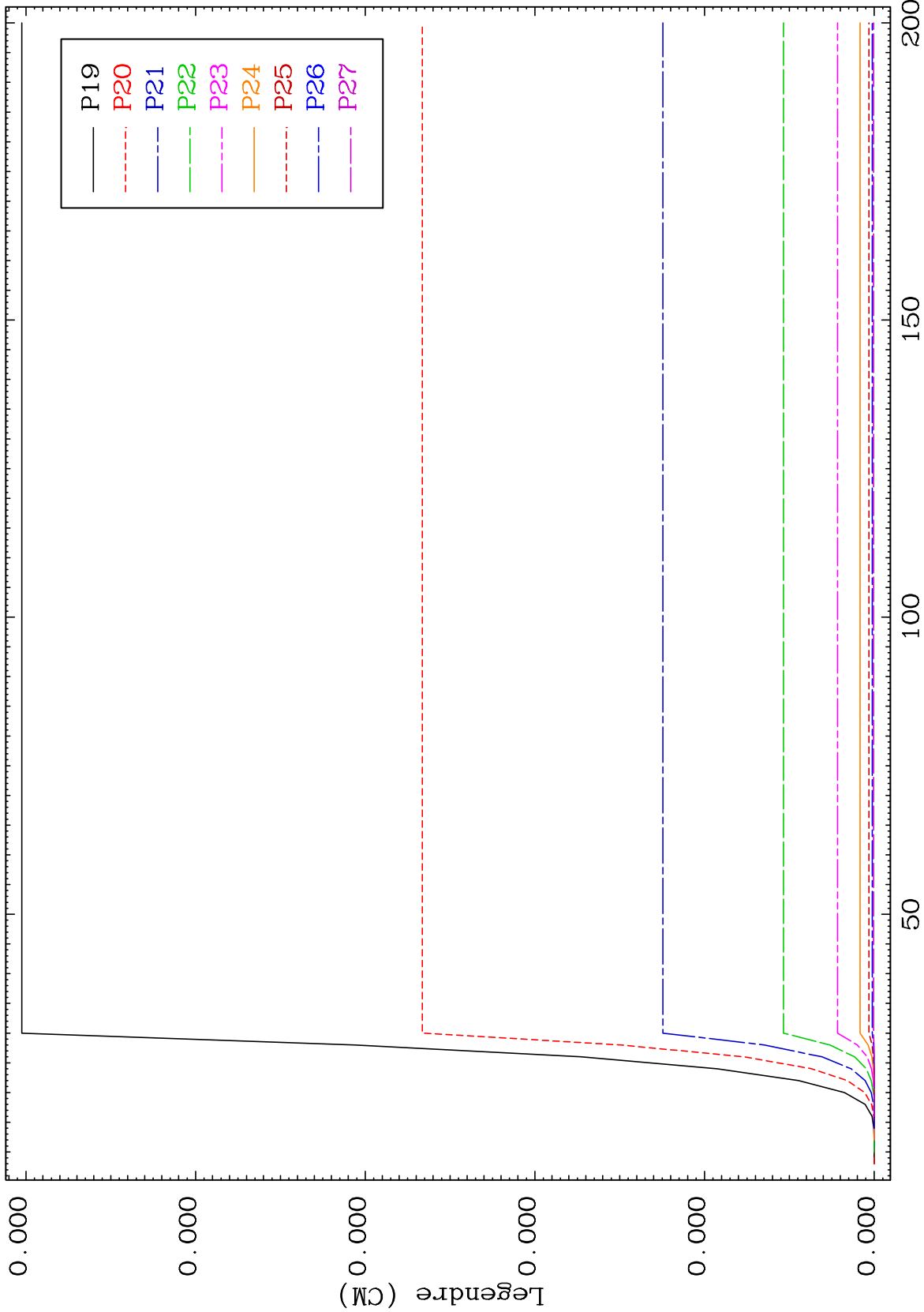
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



128

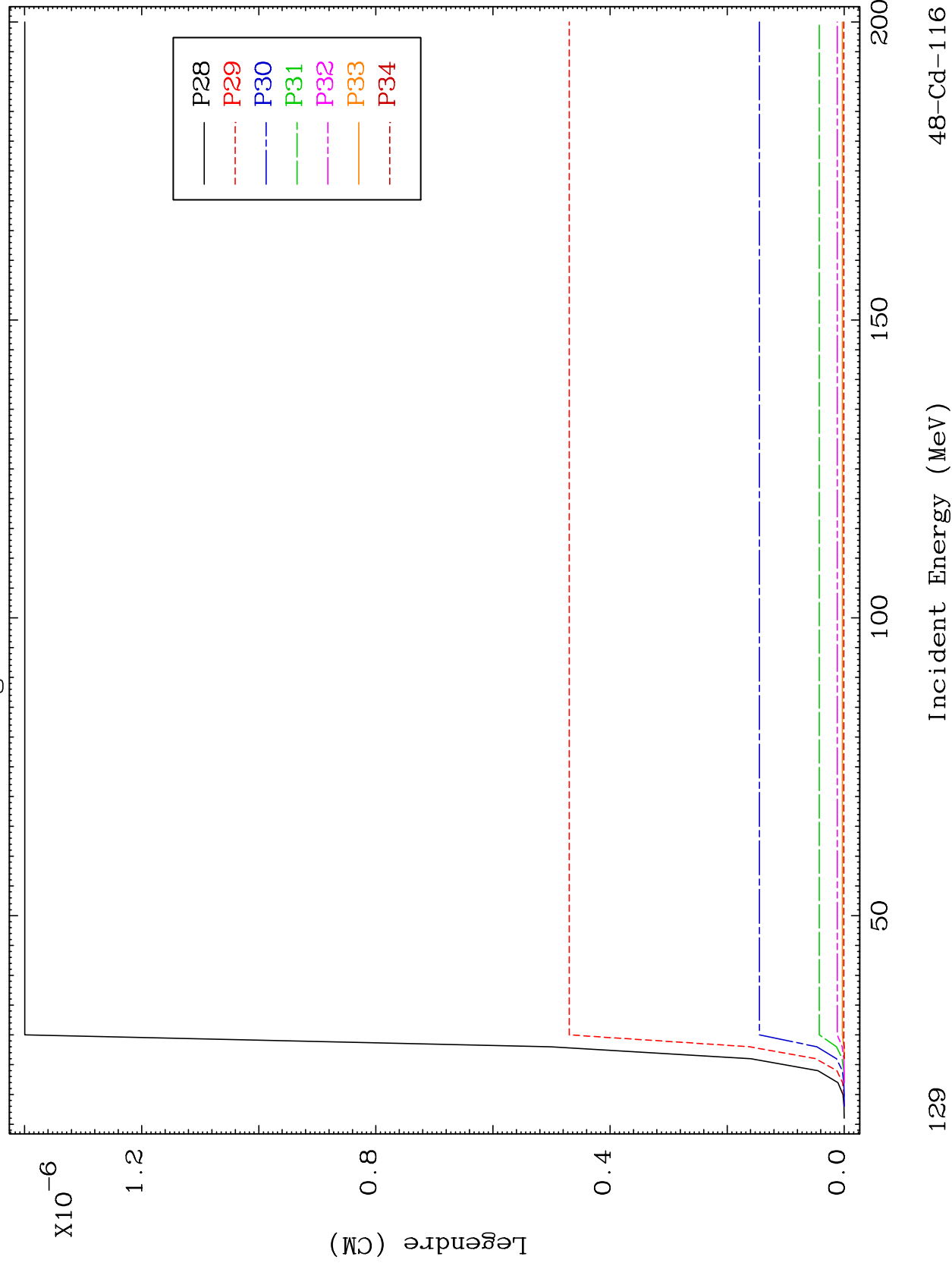
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

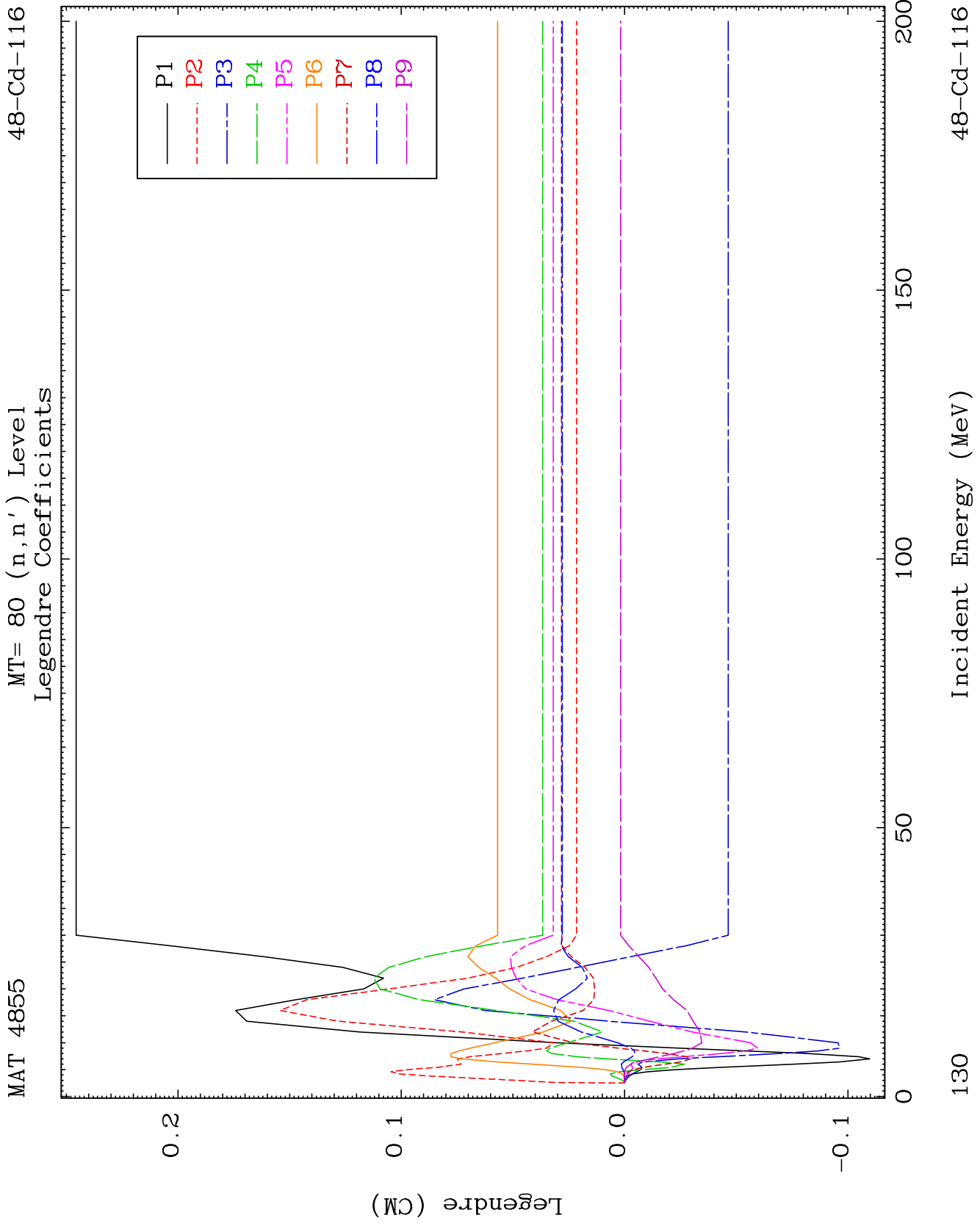
48-Cd-116



129

Incident Energy (MeV)

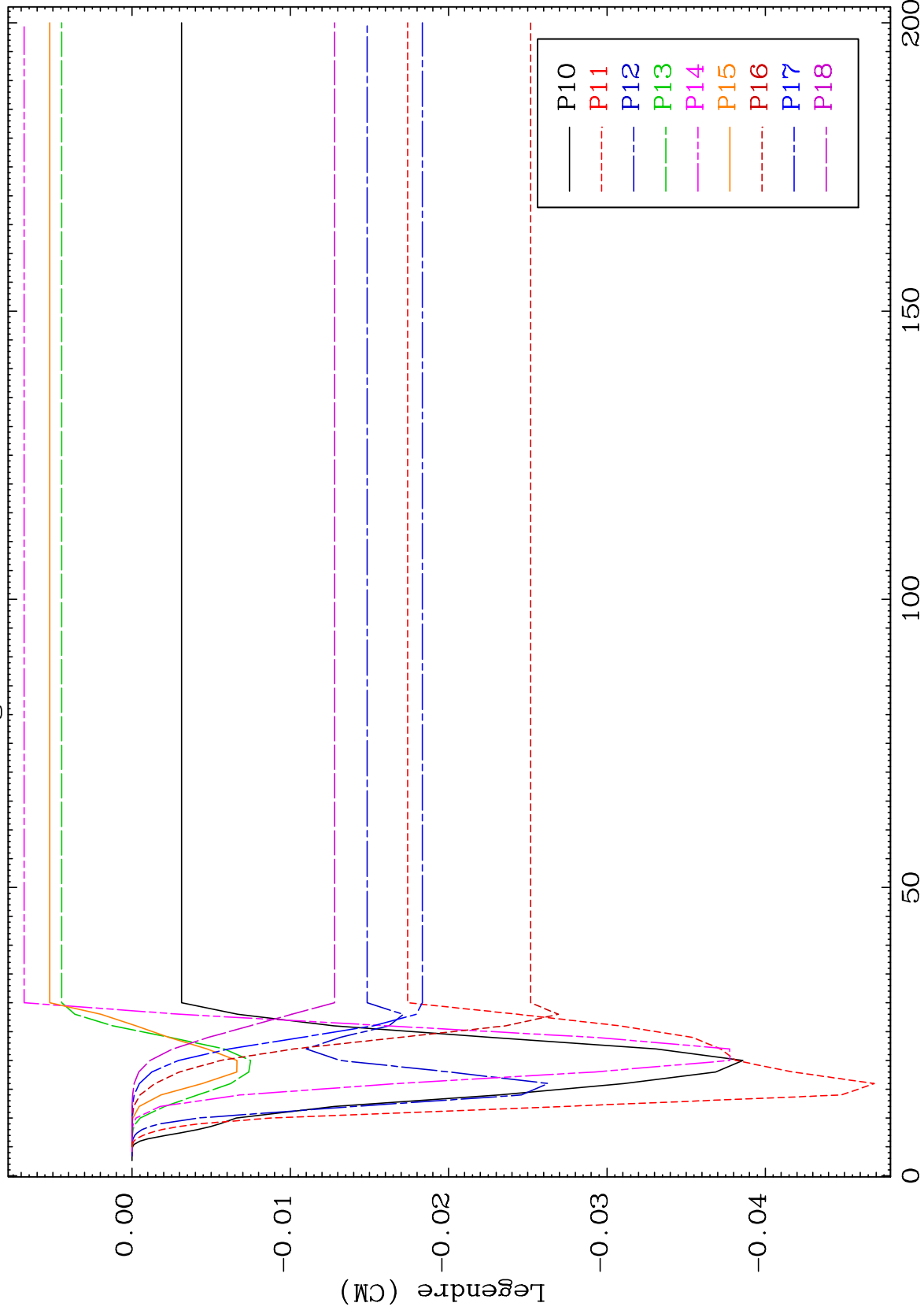
48-Cd-116



MAT 4855

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

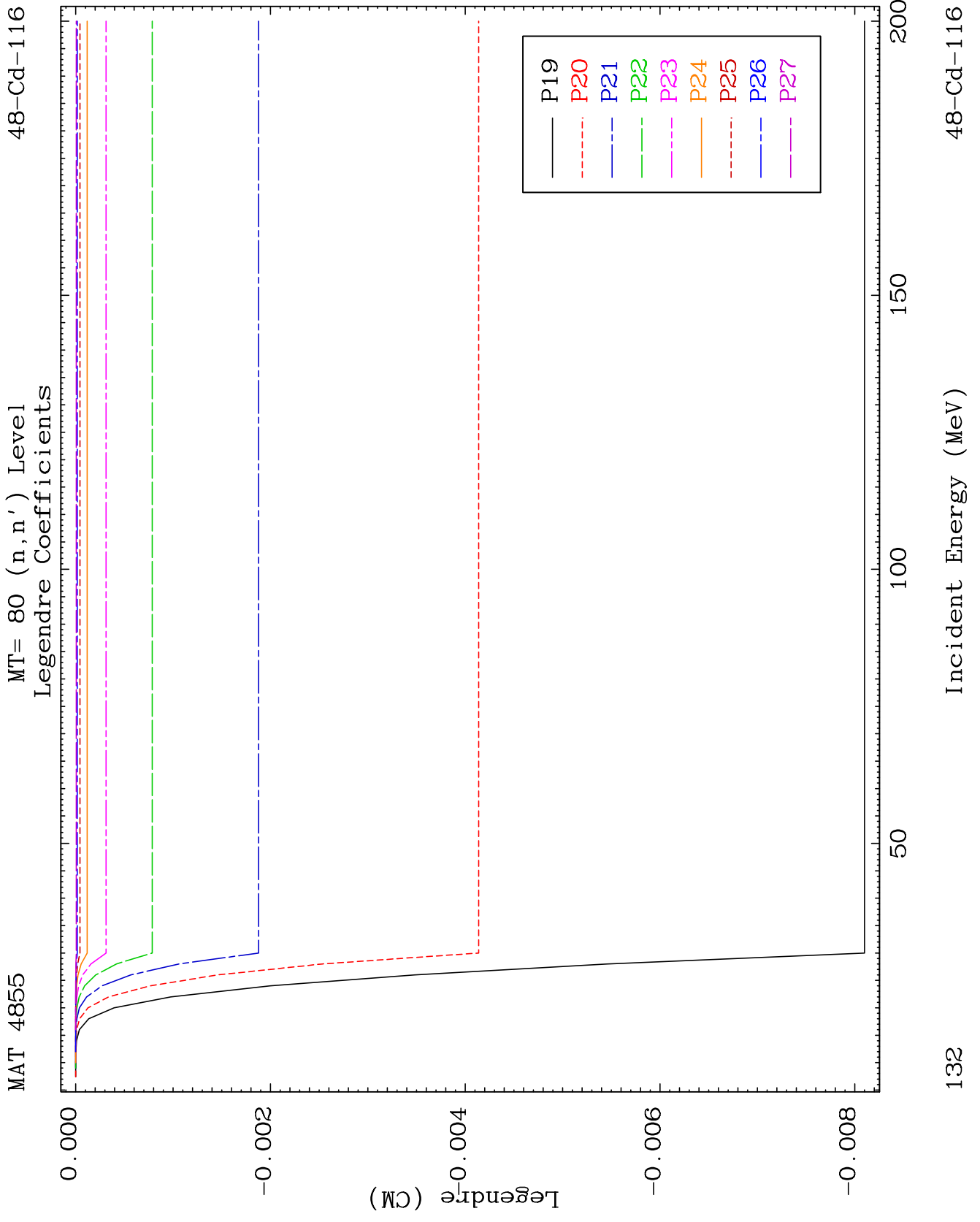
48-Cd-116

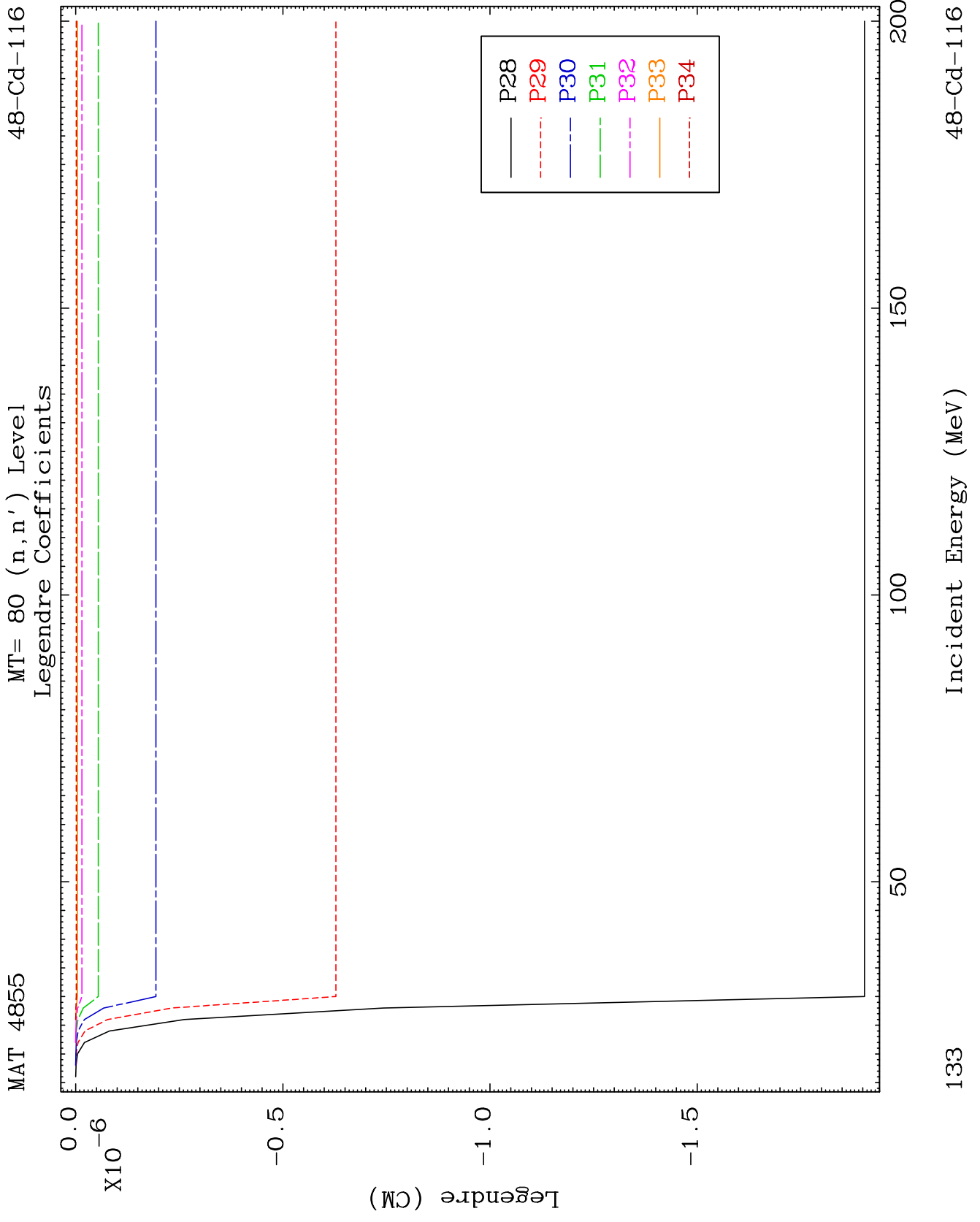


131

Incident Energy (MeV)

48-Cd-116



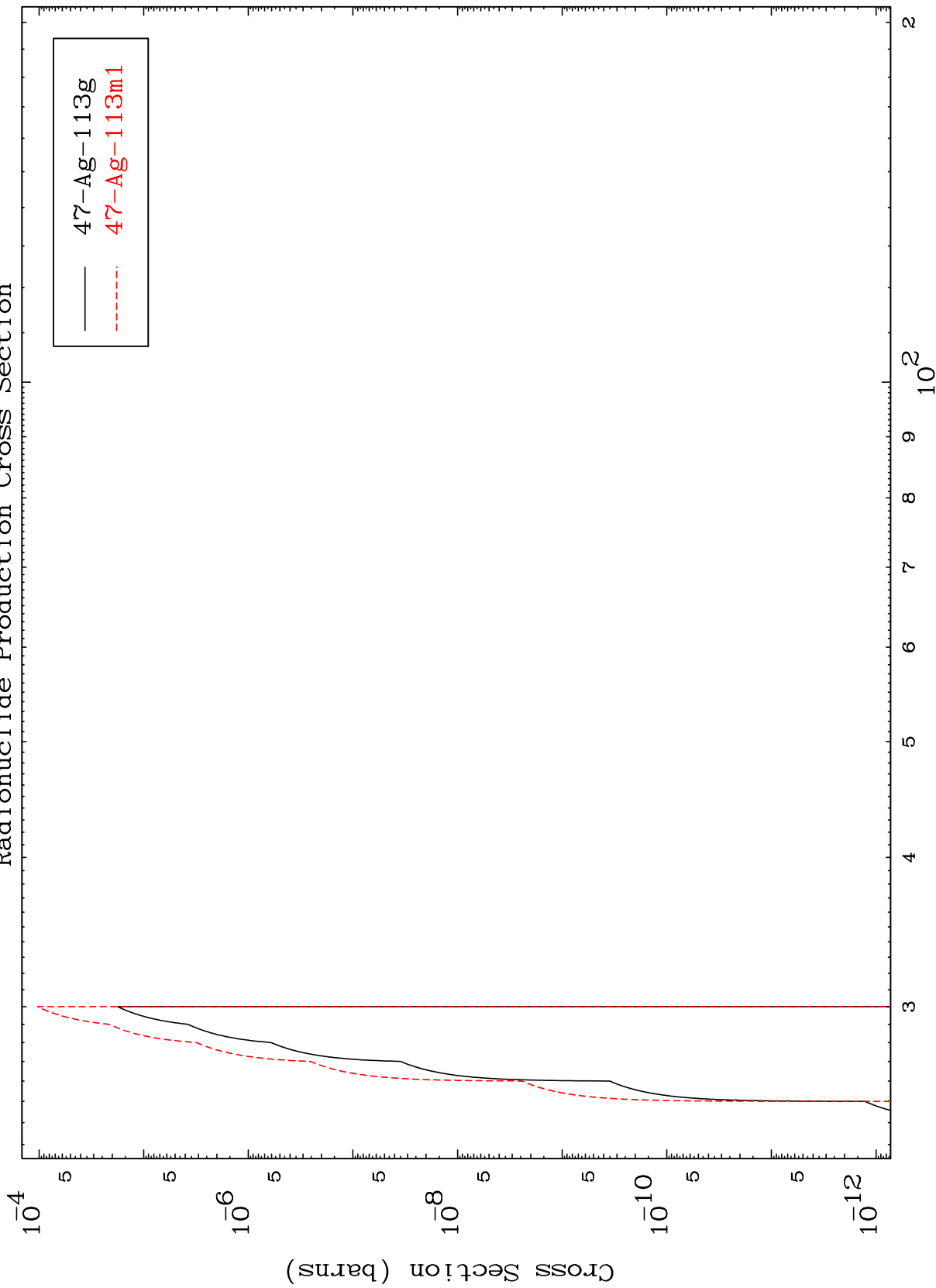


MAT 4855

(n,2n) d

48-Cd-116

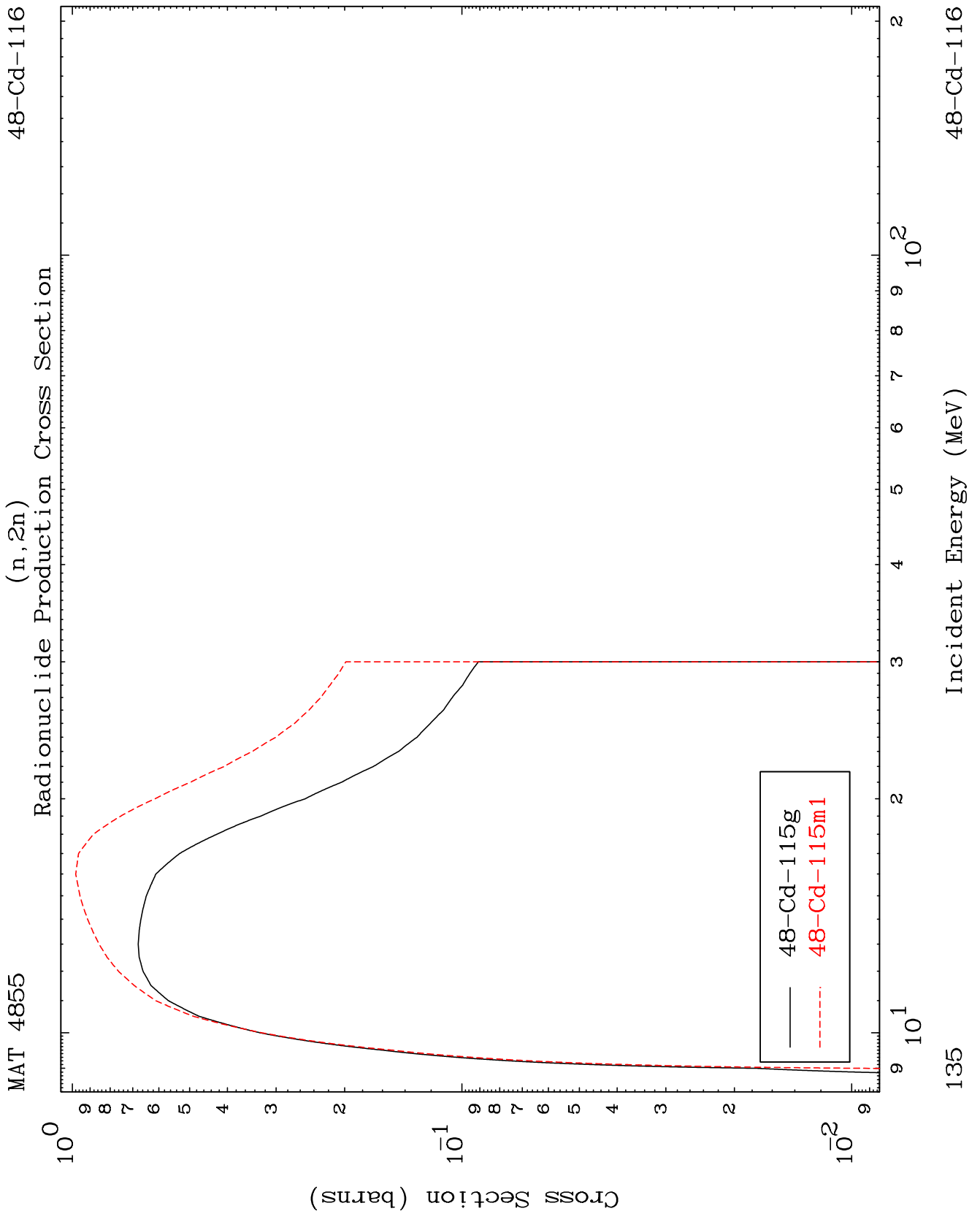
Radionuclide Production Cross Section



134

Incident Energy (MeV)

48-Cd-116

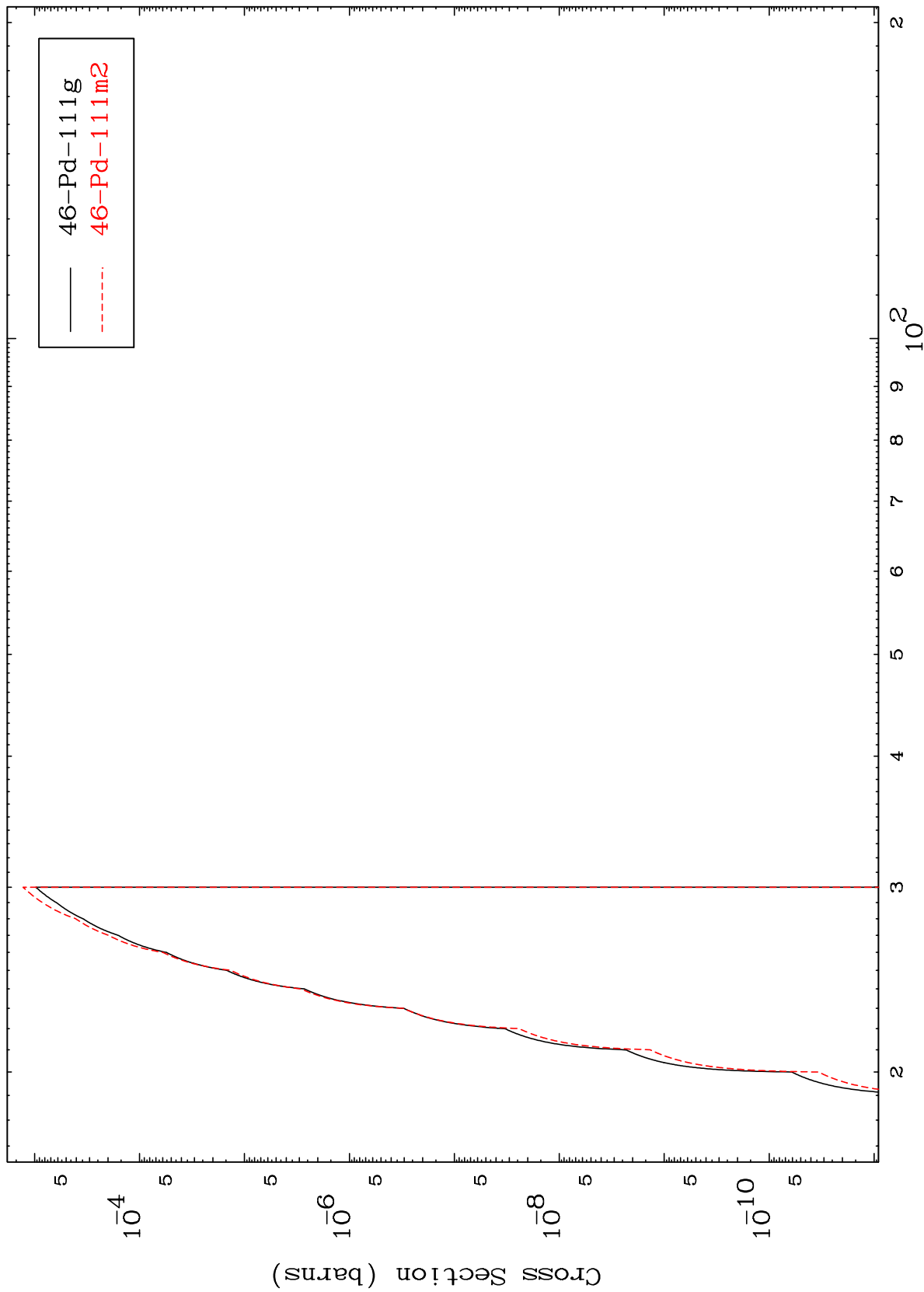


MAT 4855

48-Cd-116

(n,2n) α

Radionuclide Production Cross Section



136

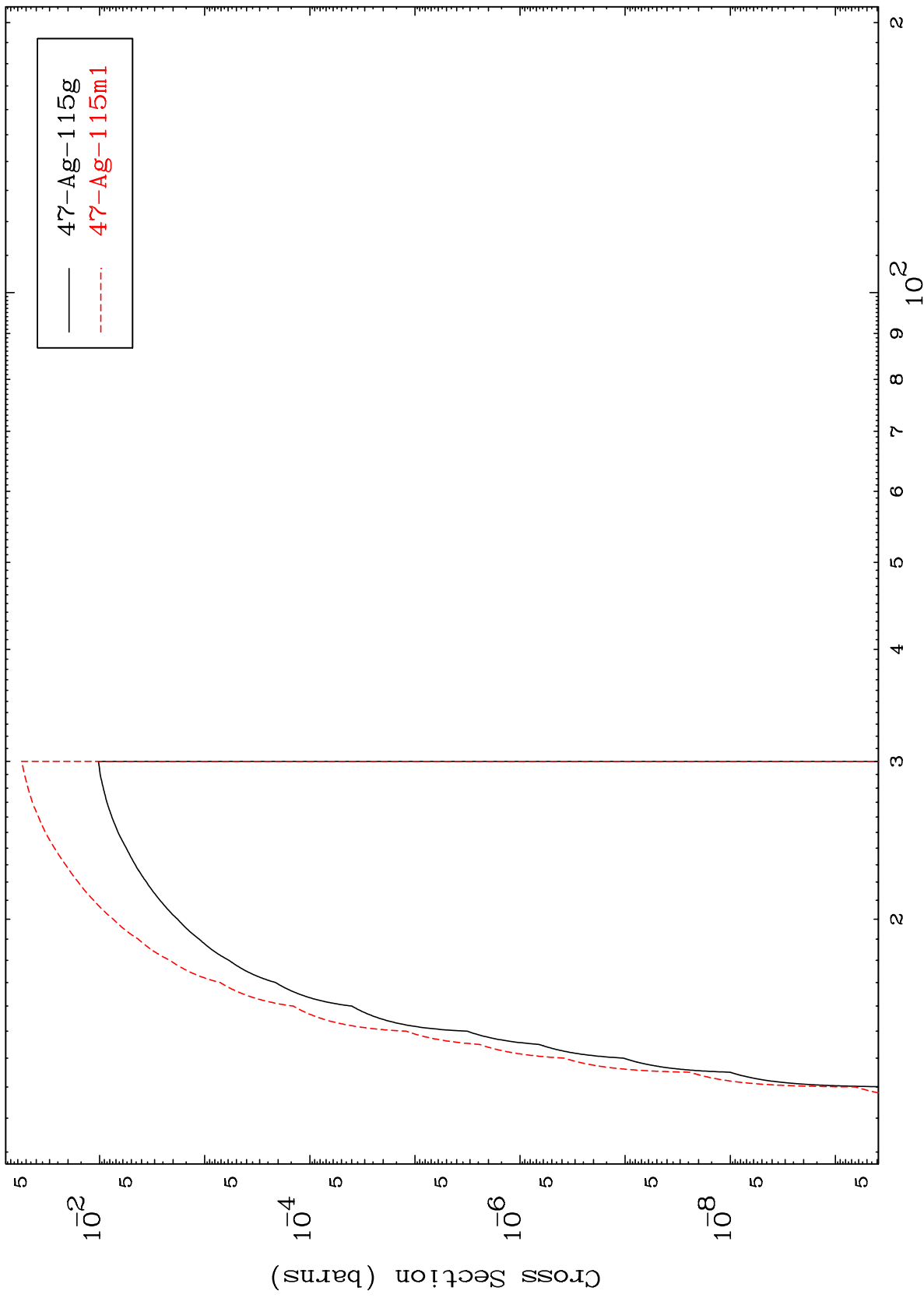
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,n') p
Radionuclide Production Cross Section



137

Incident Energy (MeV)

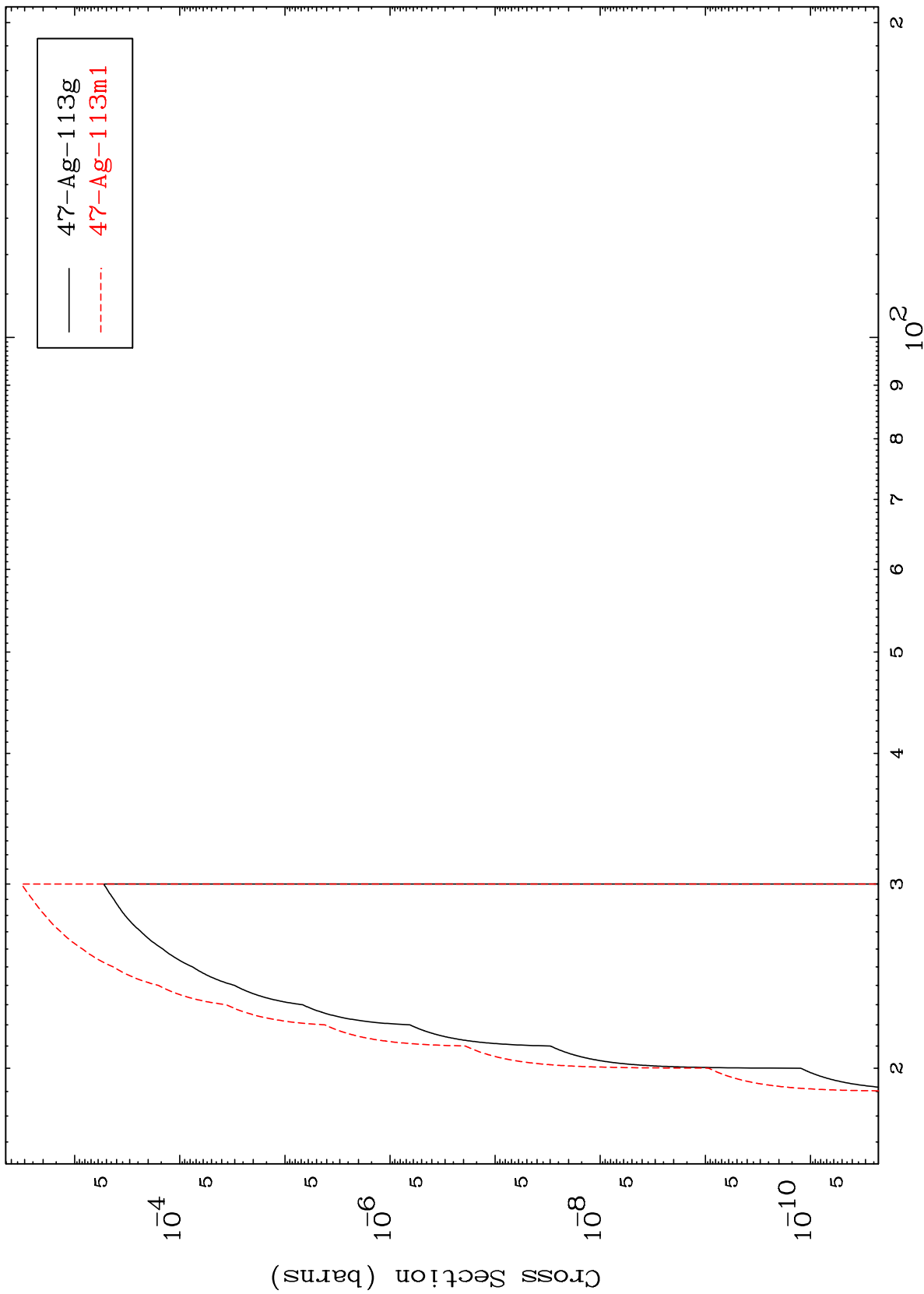
48-Cd-116

MAT 4855

(n,n') t

48-Cd-116

Radionuclide Production Cross Section



138

Incident Energy (MeV)

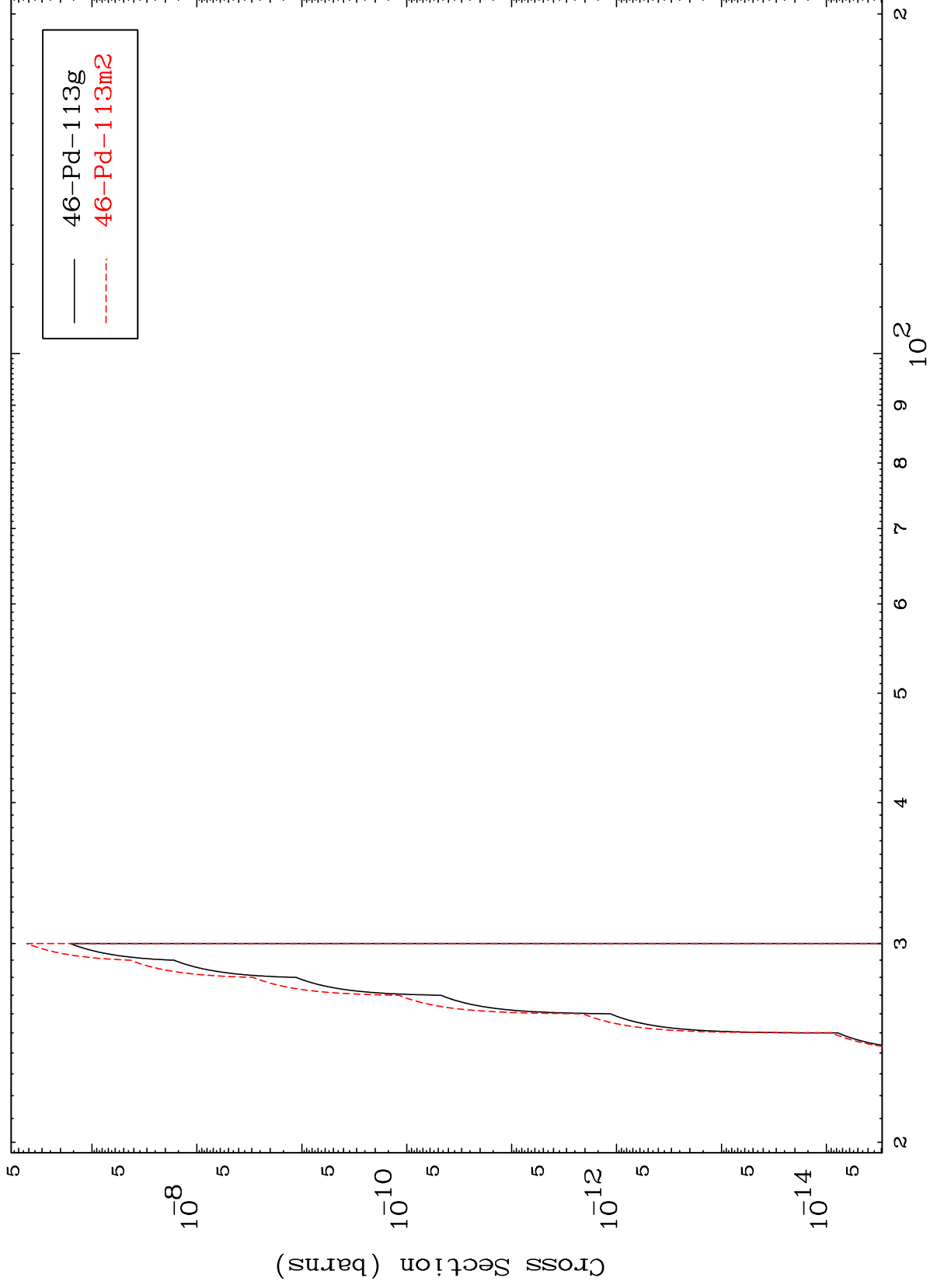
48-Cd-116

MAT 4855

(n,n') He-3

48-Cd-116

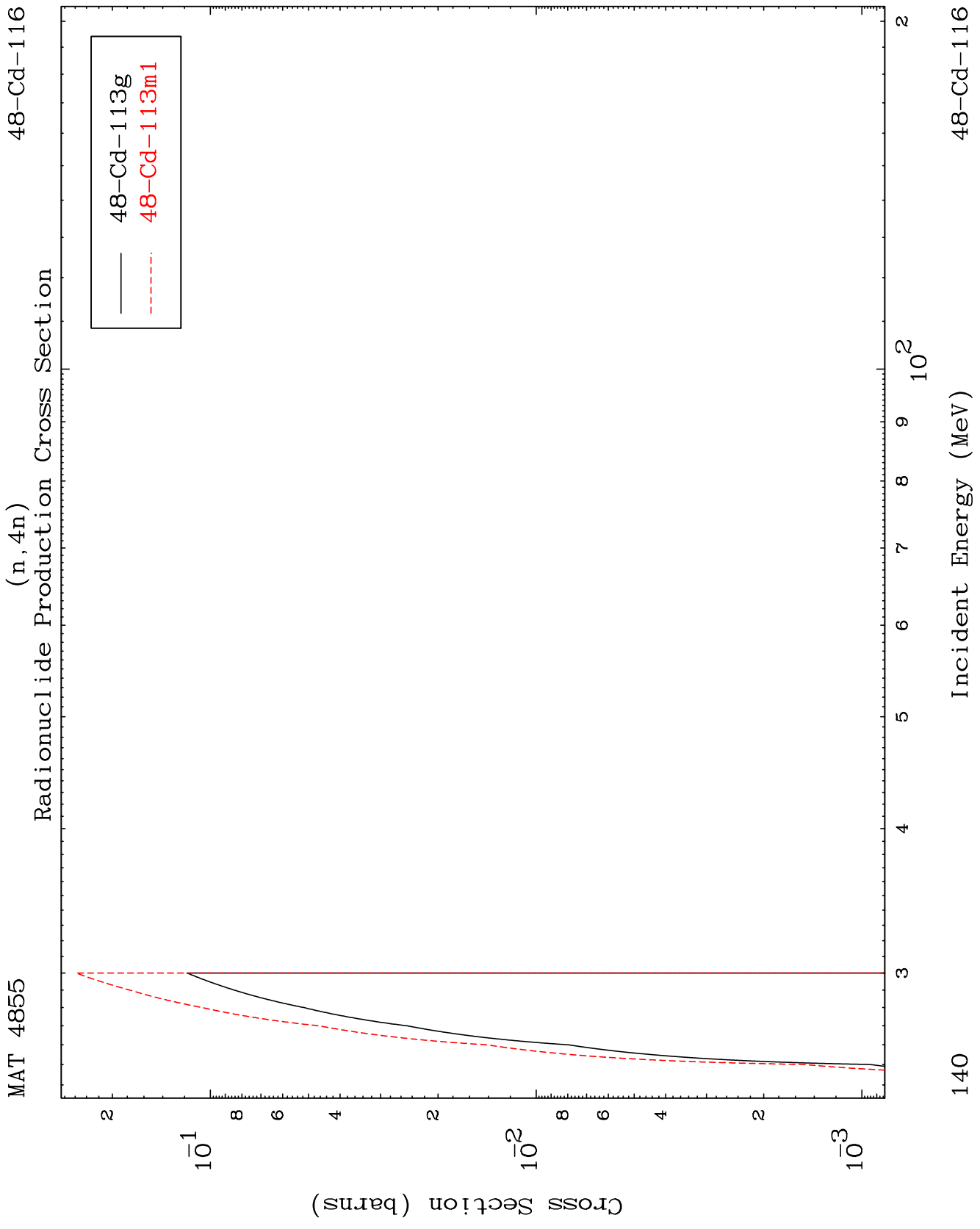
Radionuclide Production Cross Section



139

Incident Energy (MeV)

48-Cd-116

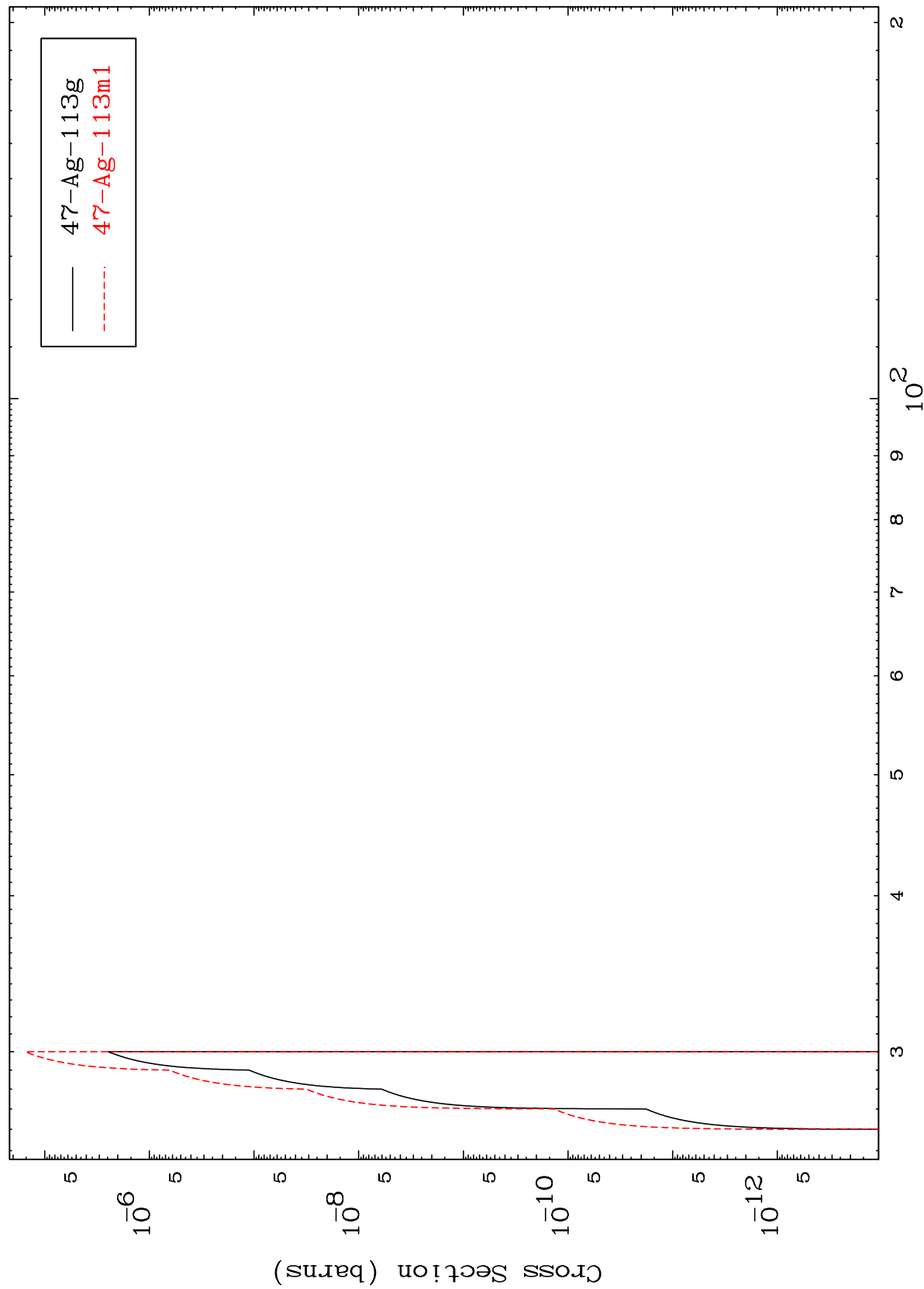


MAT 4855

(n,3n) p

48-Cd-116

Radionuclide Production Cross Section



141

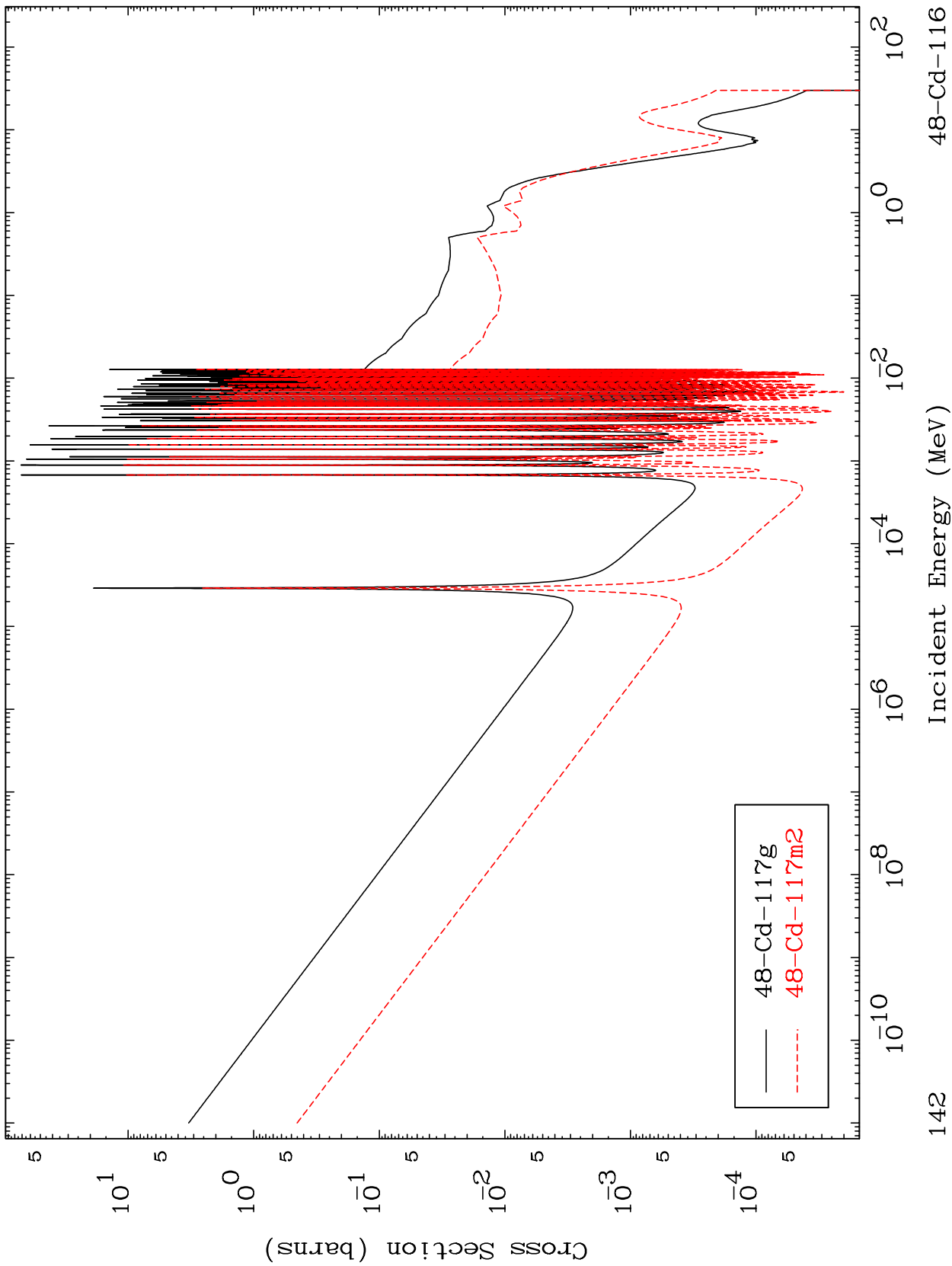
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

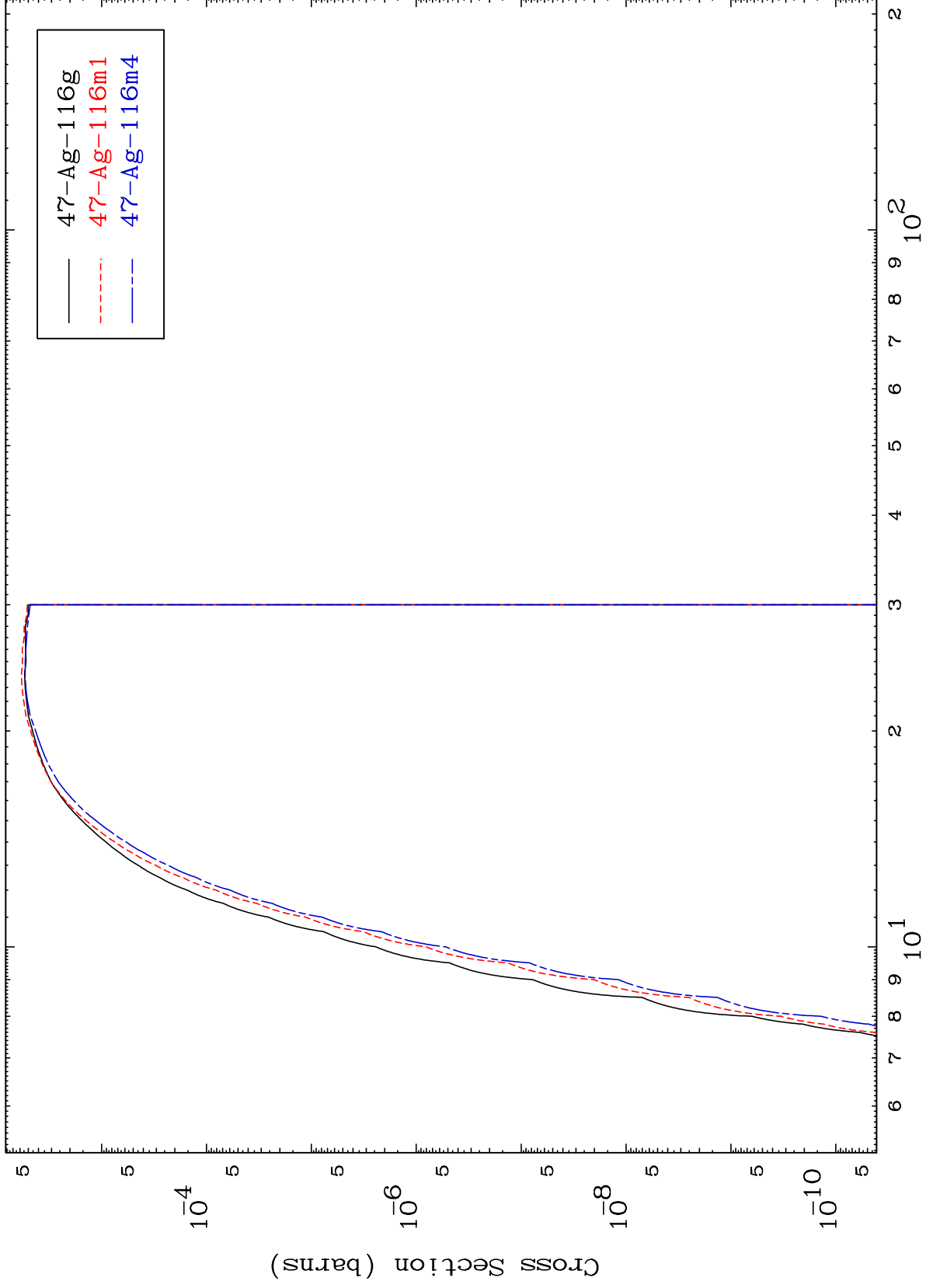
(n,γ)
Radionuclide Production Cross Section



MAT 4855

48-Cd-116

(n,p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

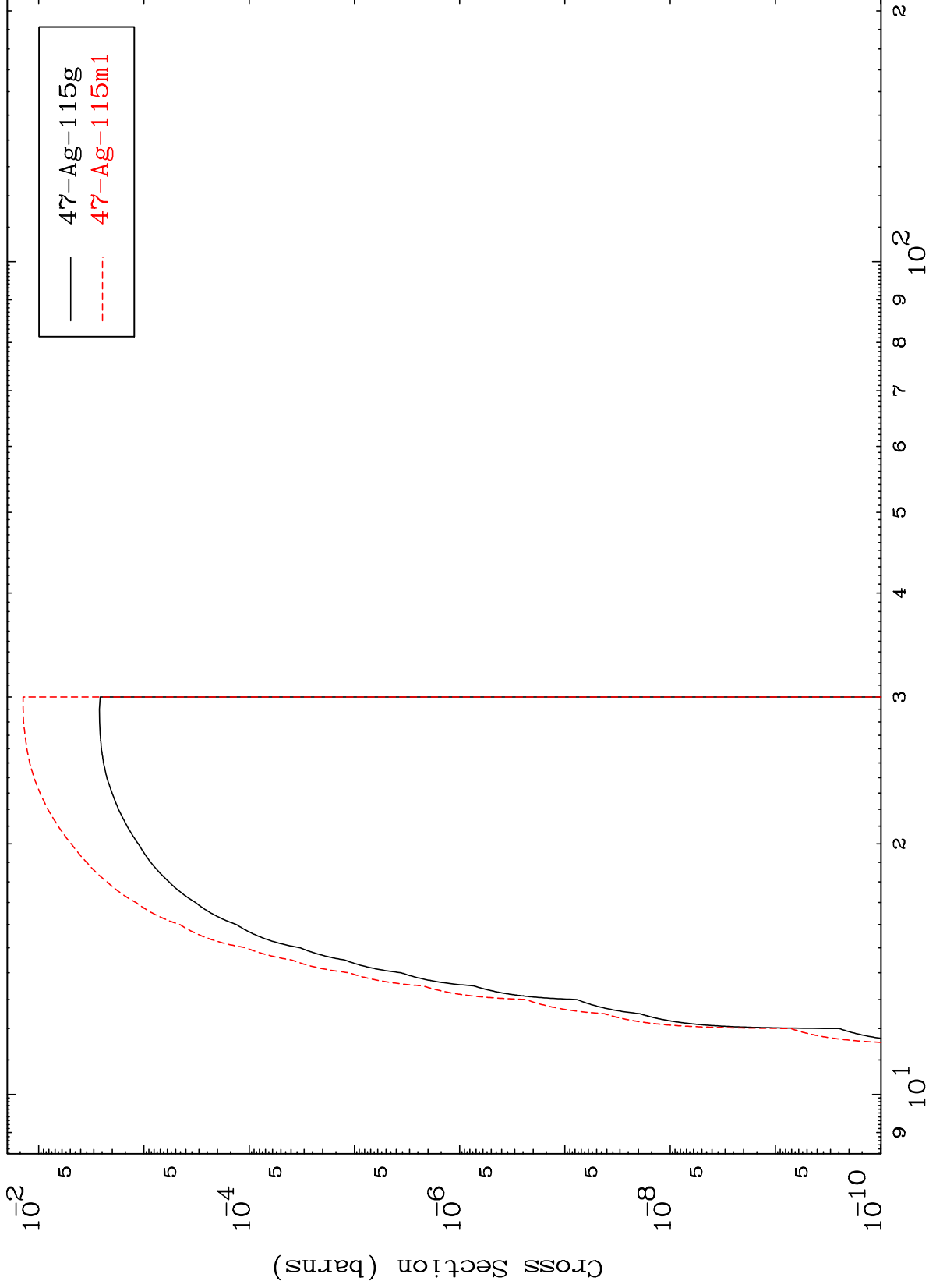
48-Cd-116

MAT 4855

(n,d)

48-Cd-116

Radionuclide Production Cross Section



144

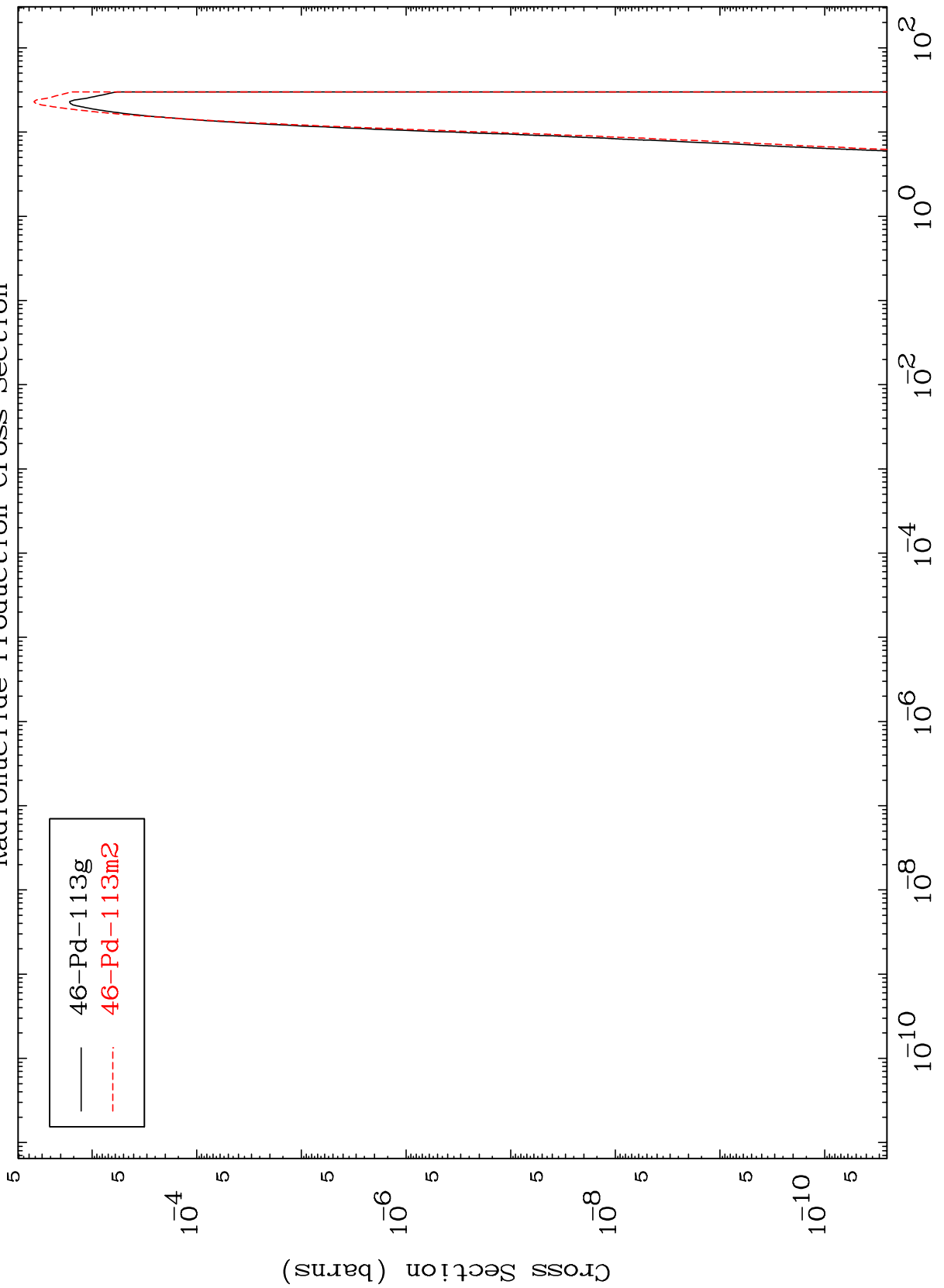
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n, α)
Radionuclide Production Cross Section



48-Cd-116

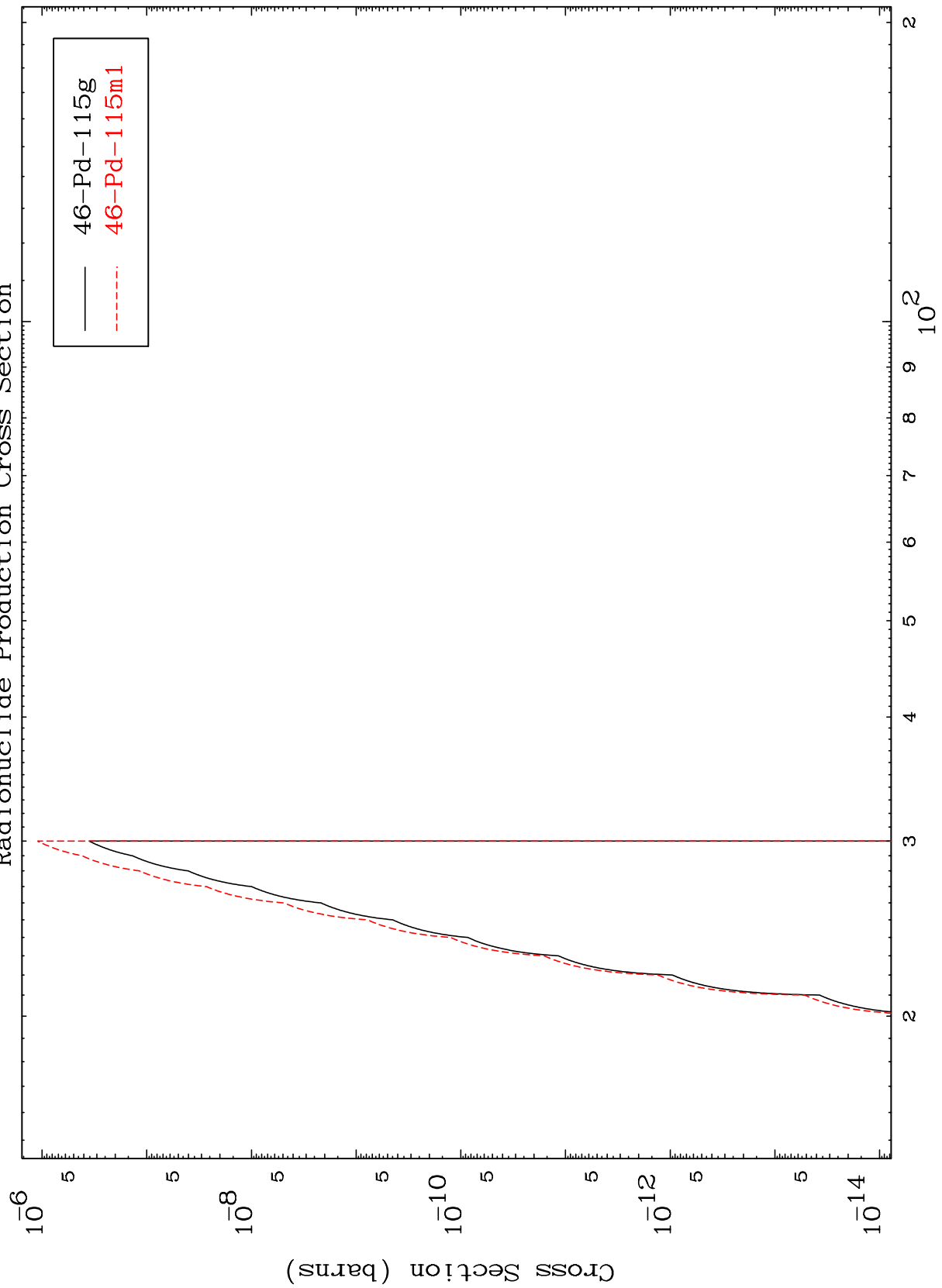
Incident Energy (MeV)

145

MAT 4855

48-Cd-116

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

48-Cd-116

