

Program EVALPLOT  
(Version 2021-1)

by

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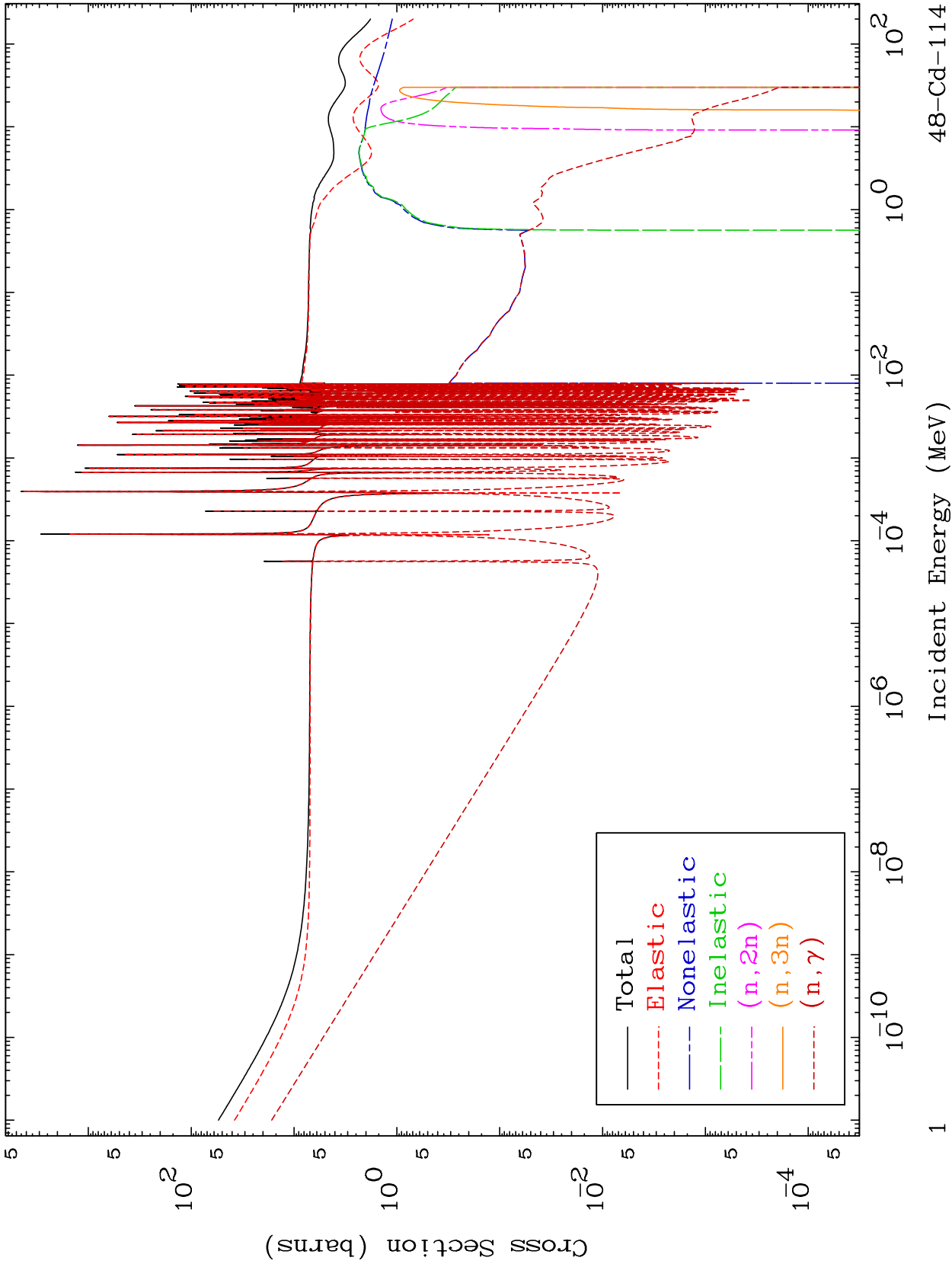
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Press Mouse Button to Start

MAT 4849

Neutron Major  
293 Kelvin Cross Sections

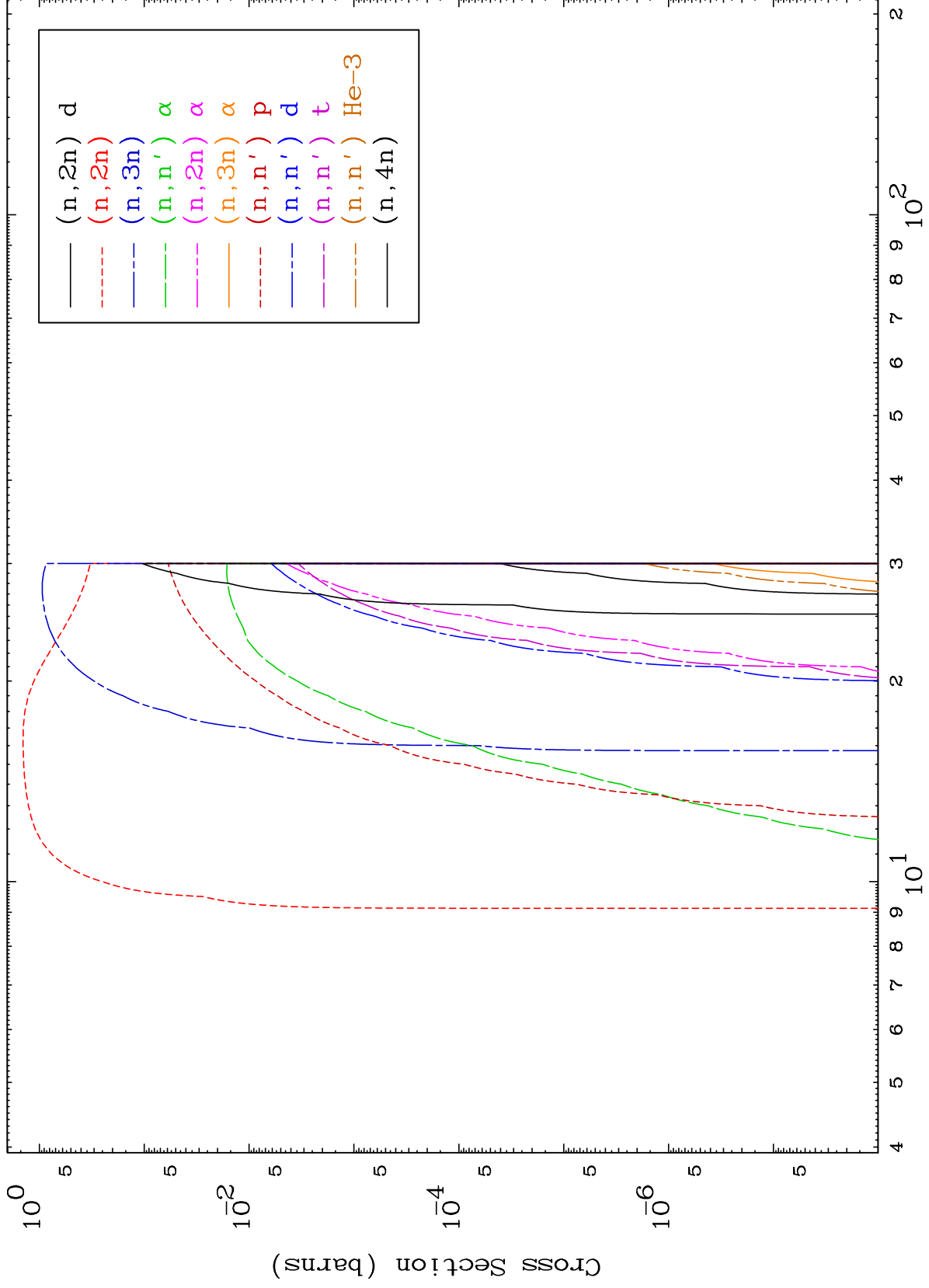
48-Cd-114



MAT 4849

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-114



2

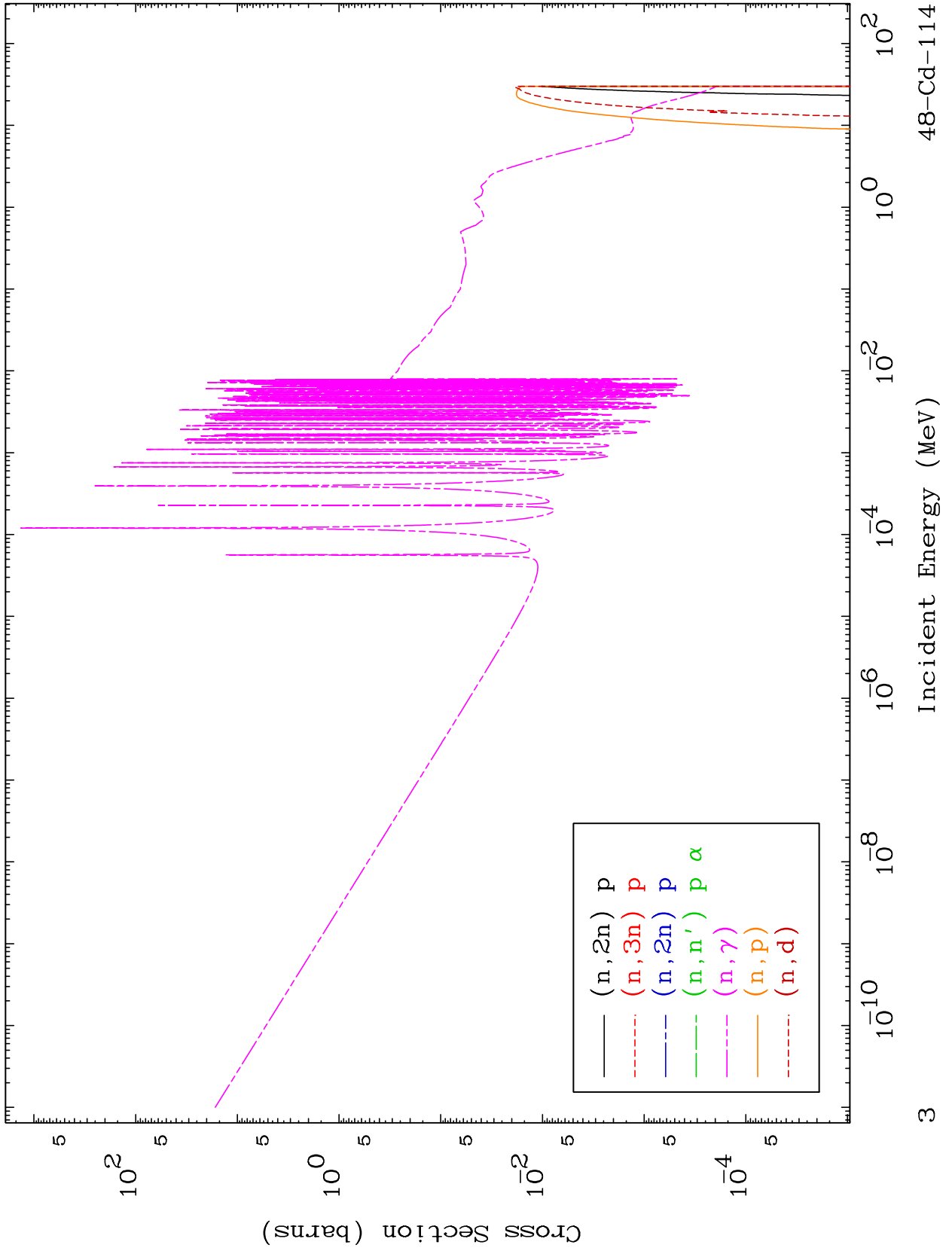
Incident Energy (MeV)

48-Cd-114

MAT 4849

Neutron Absorption  
293 Kelvin Cross Sections

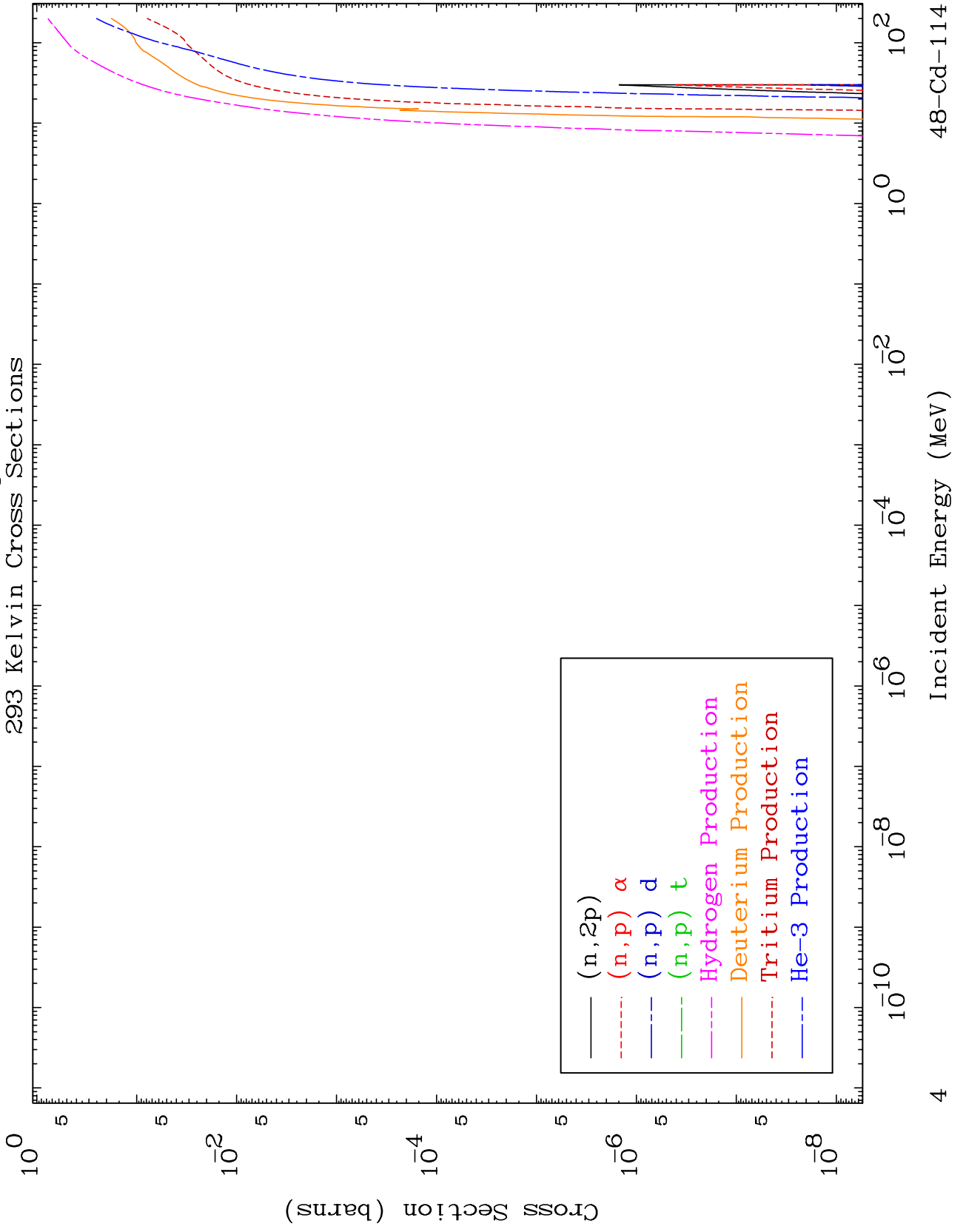
48-Cd-114

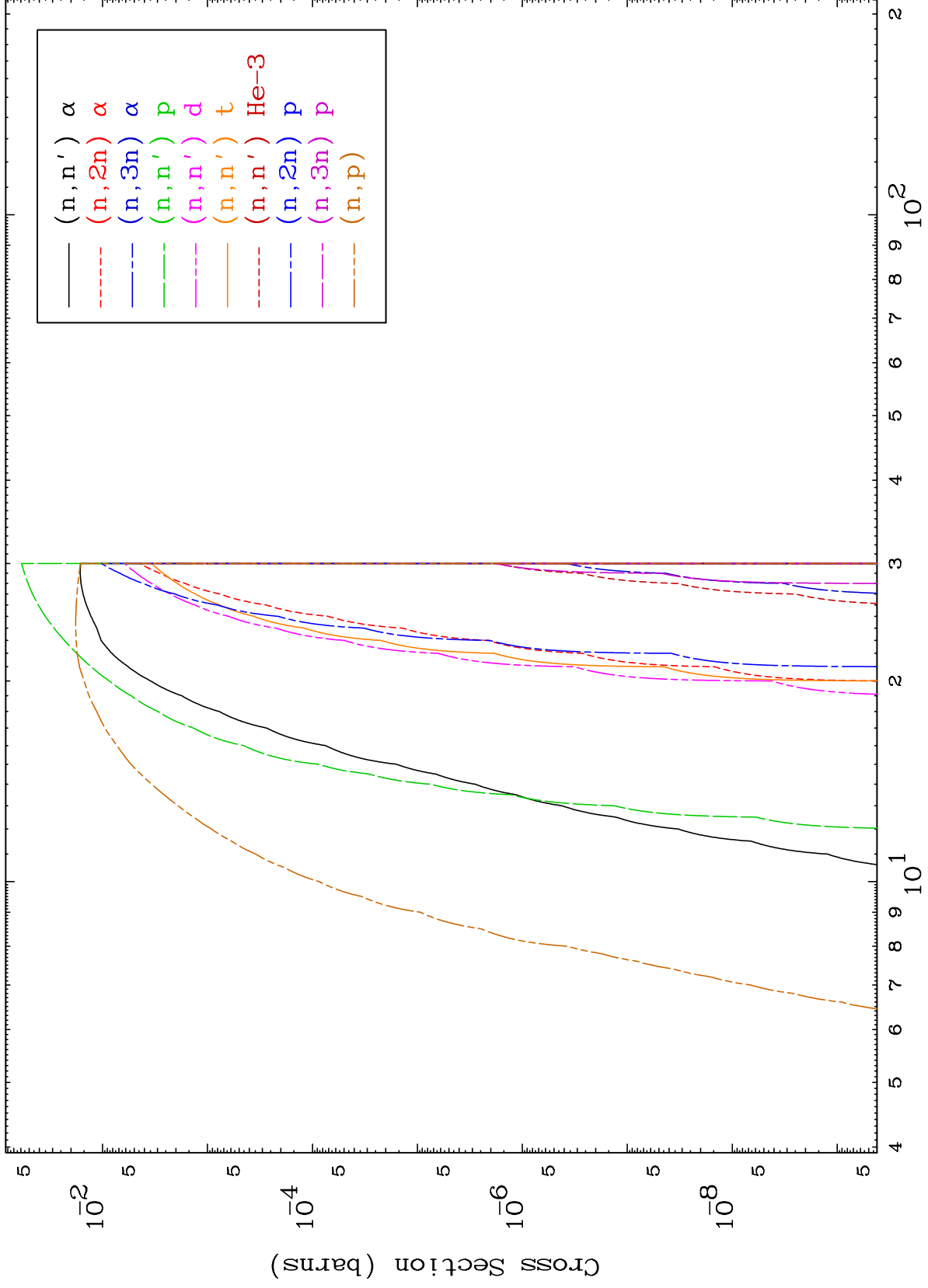


MAT 4849

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-114

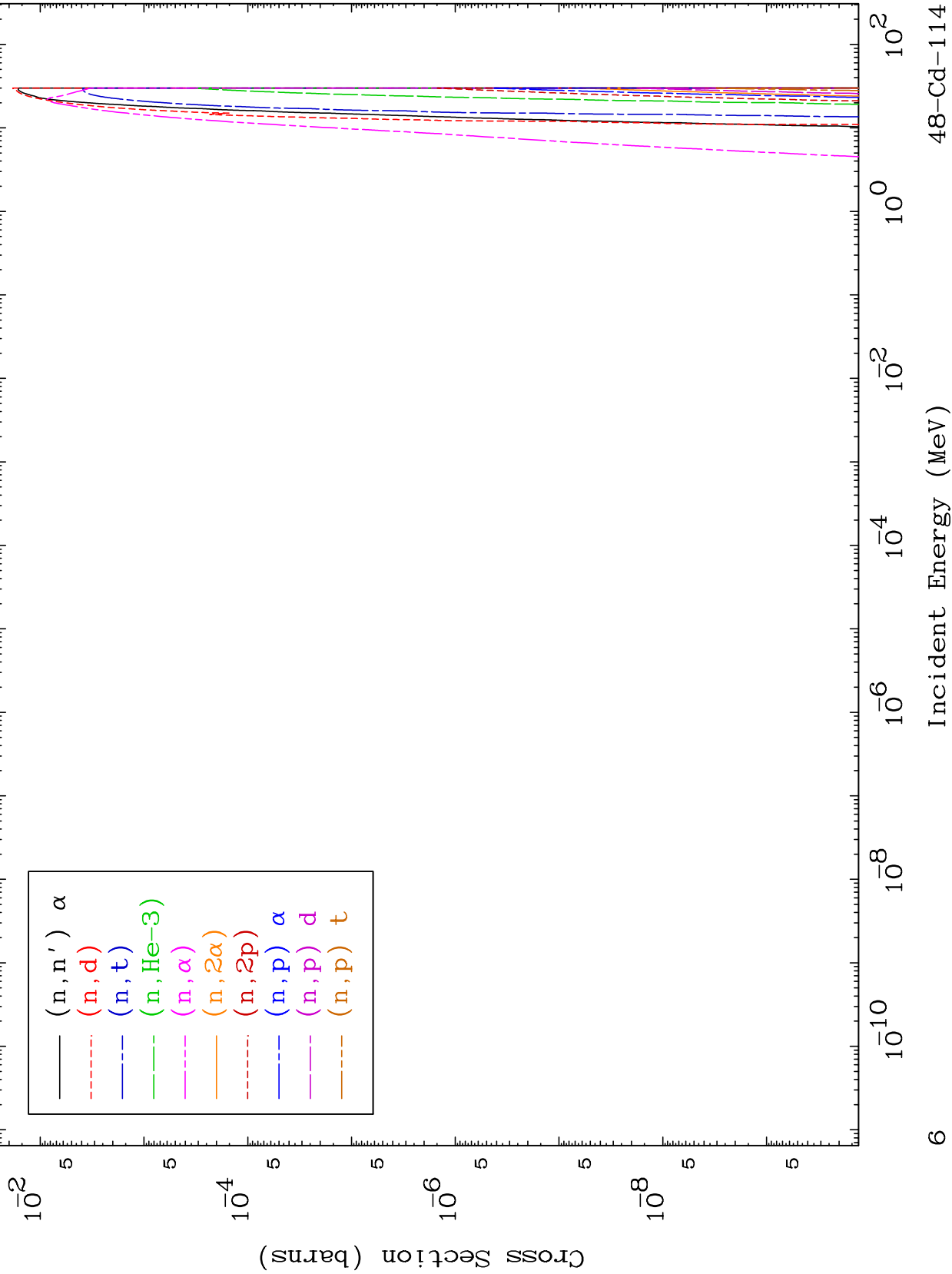




MAT 4849

Charged Particle  
293 Kelvin Cross Sections

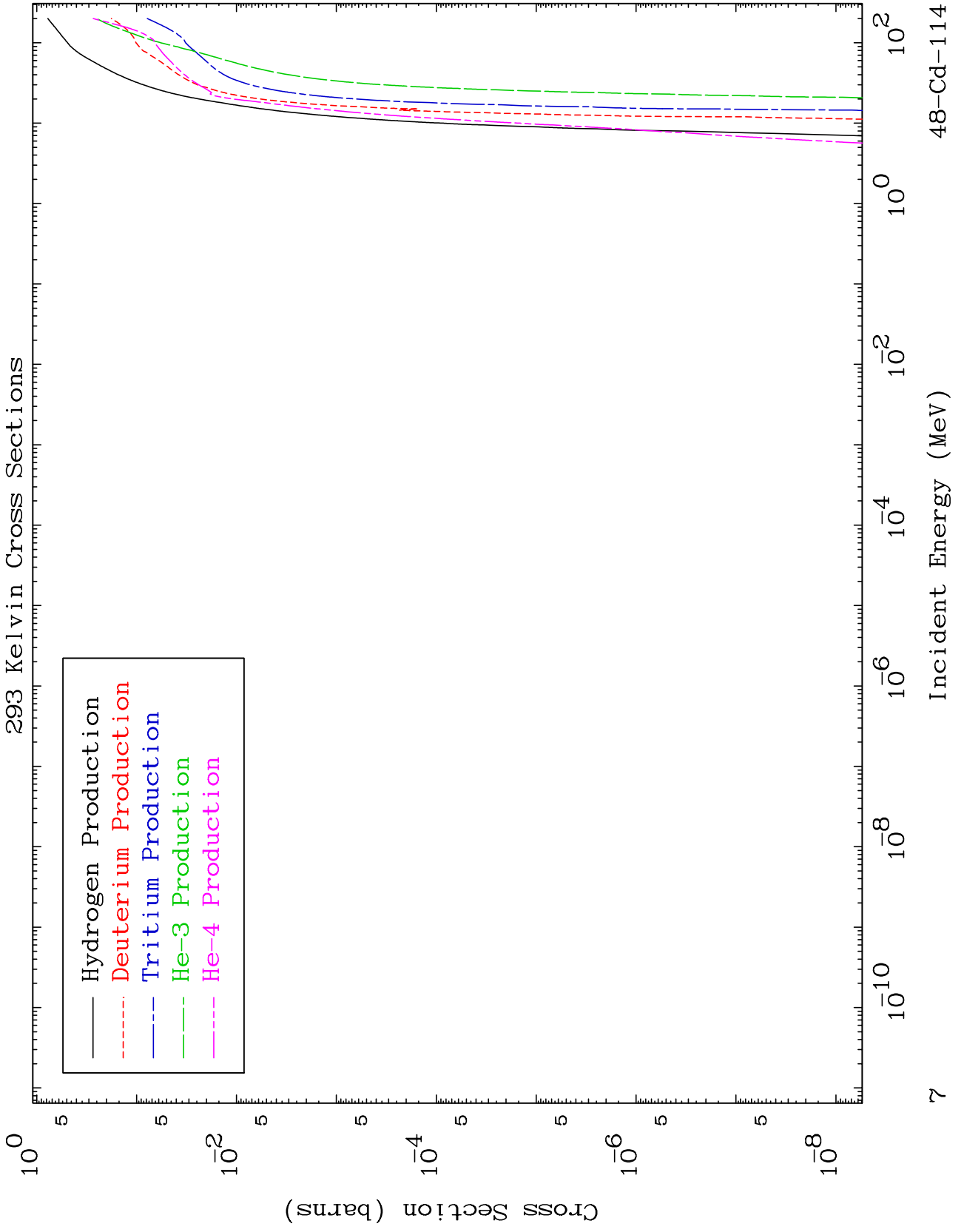
48-Cd-114



MAT 4849

Particle Production  
293 Kelvin Cross Sections

48-Cd-114



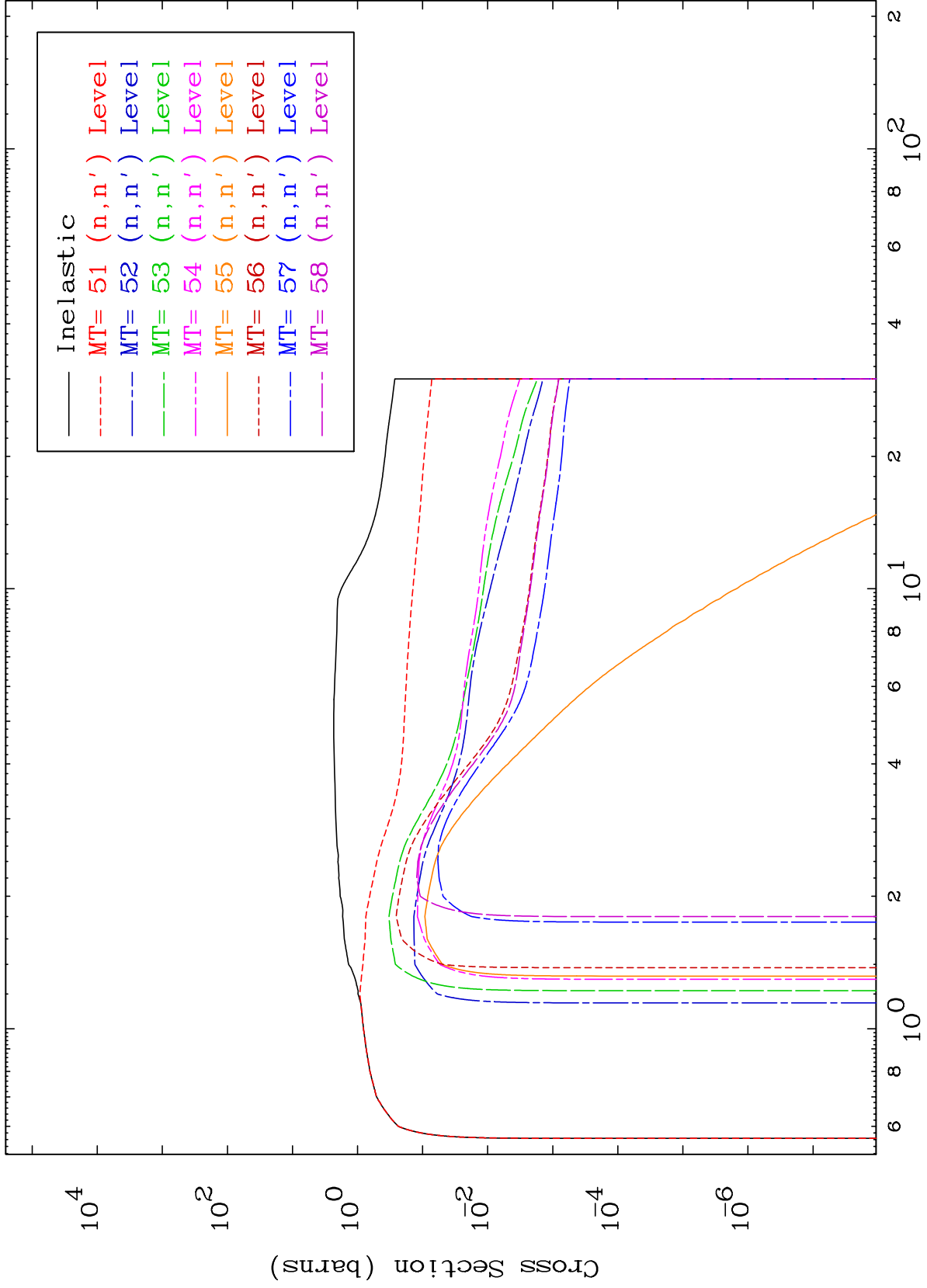


MAT 4849

(n,n') Levels

48-Cd-114

293 Kelvin Cross Sections



8

Incident Energy (MeV)

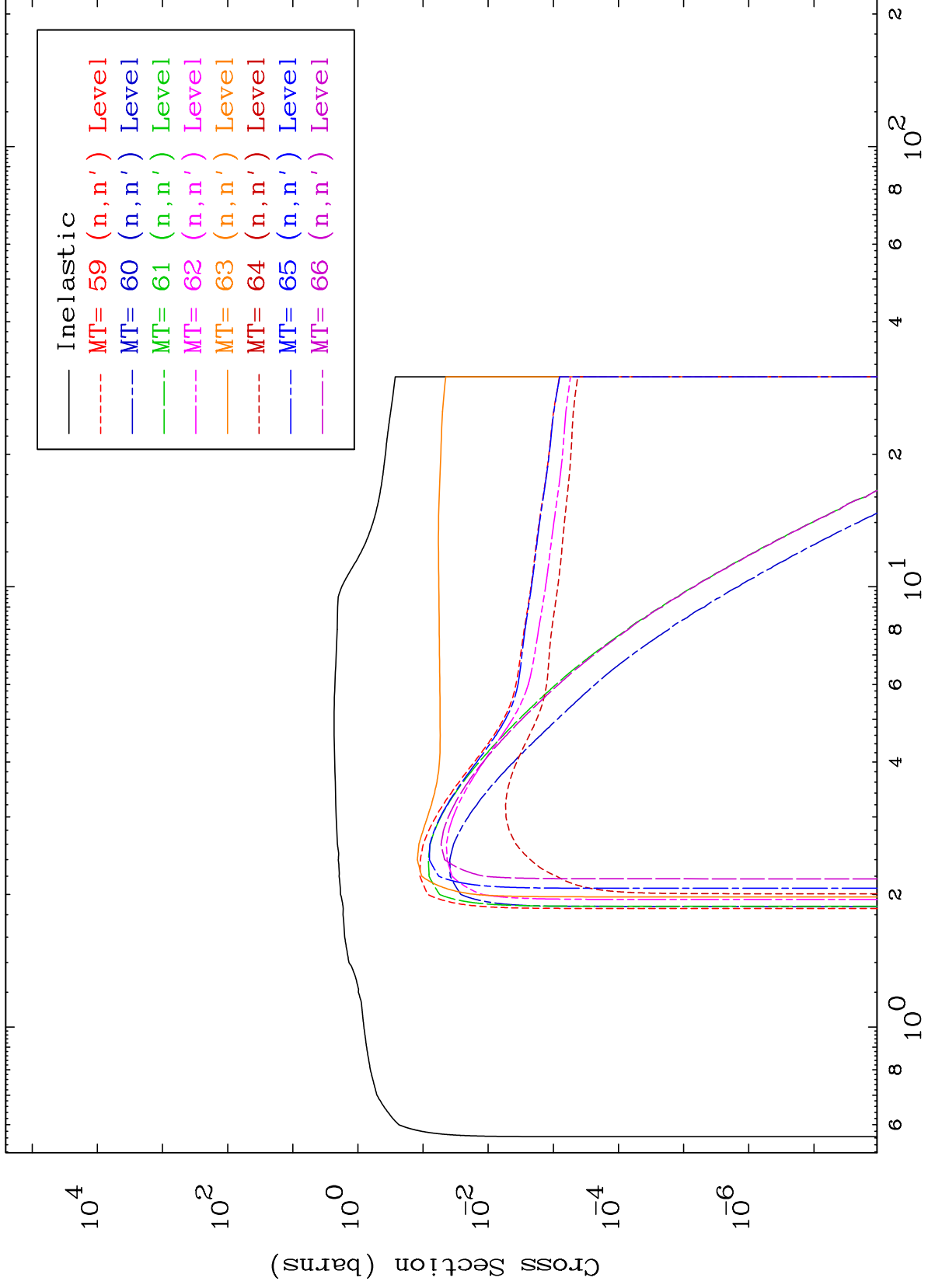
48-Cd-114

MAT 4849

(n,n') Levels

48-Cd-114

293 Kelvin Cross Sections



9

Incident Energy (MeV)

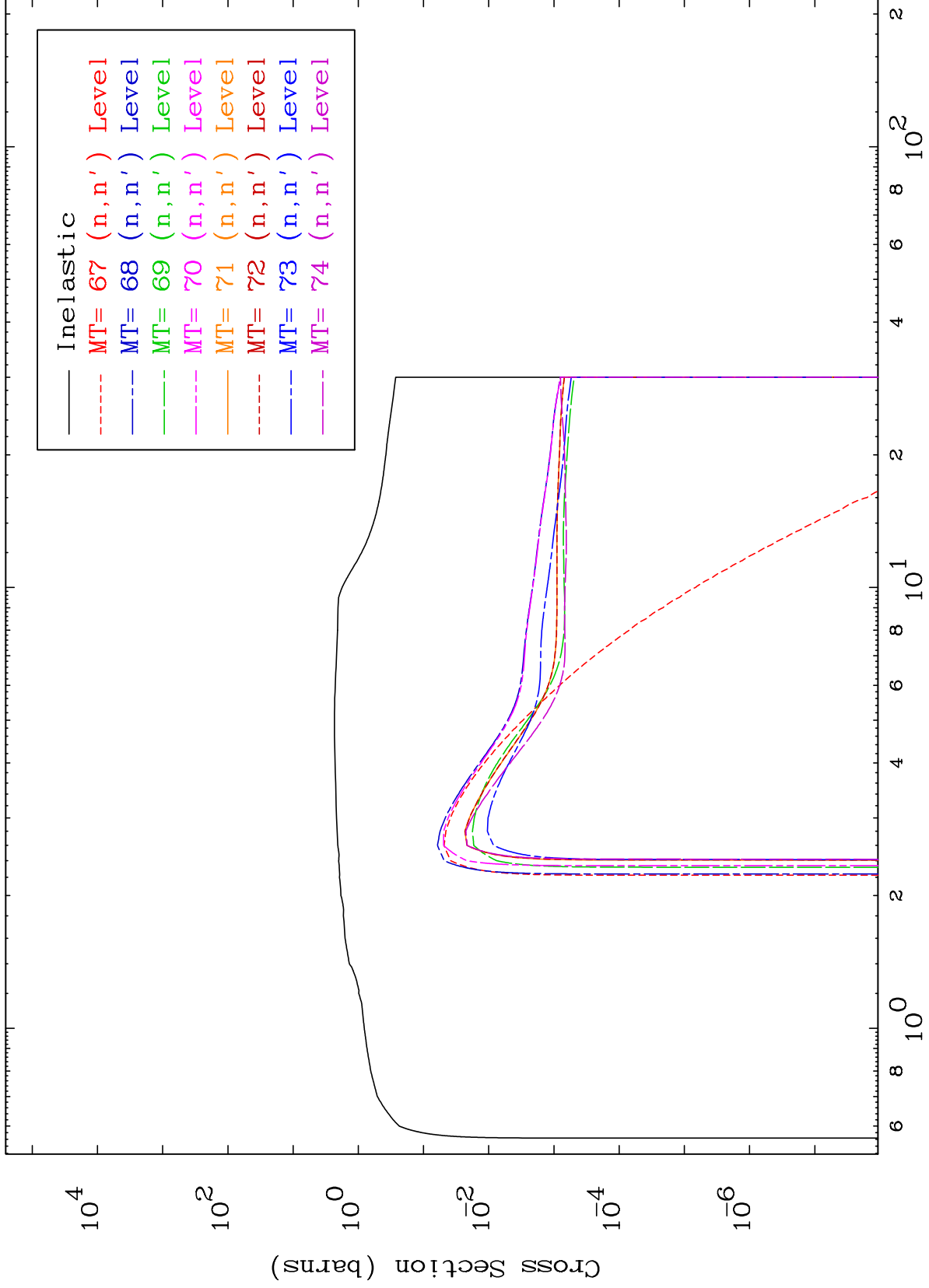
48-Cd-114

MAT 4849

(n,n') Levels

48-Cd-114

293 Kelvin Cross Sections

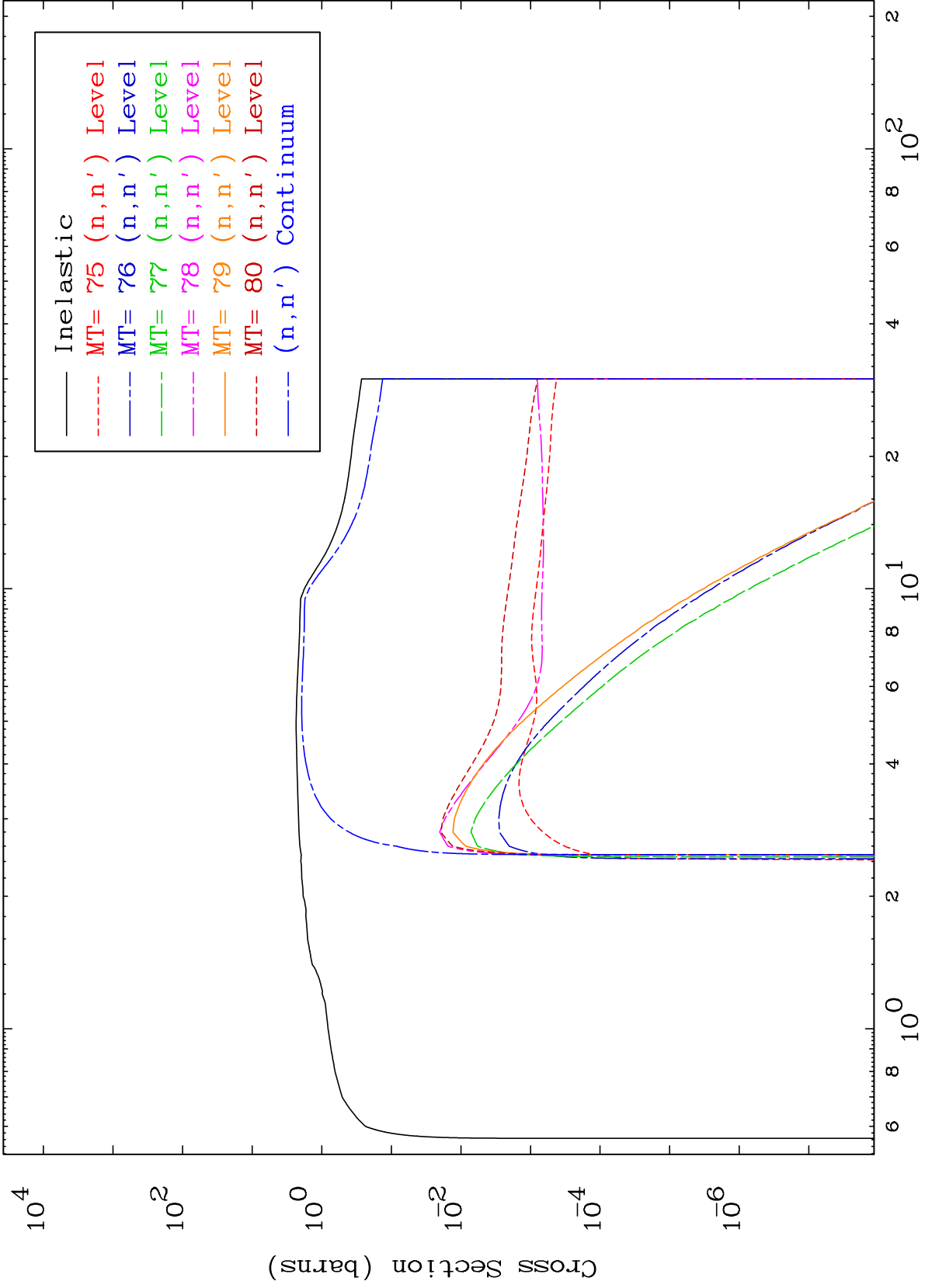


10

Incident Energy (MeV)

48-Cd-114

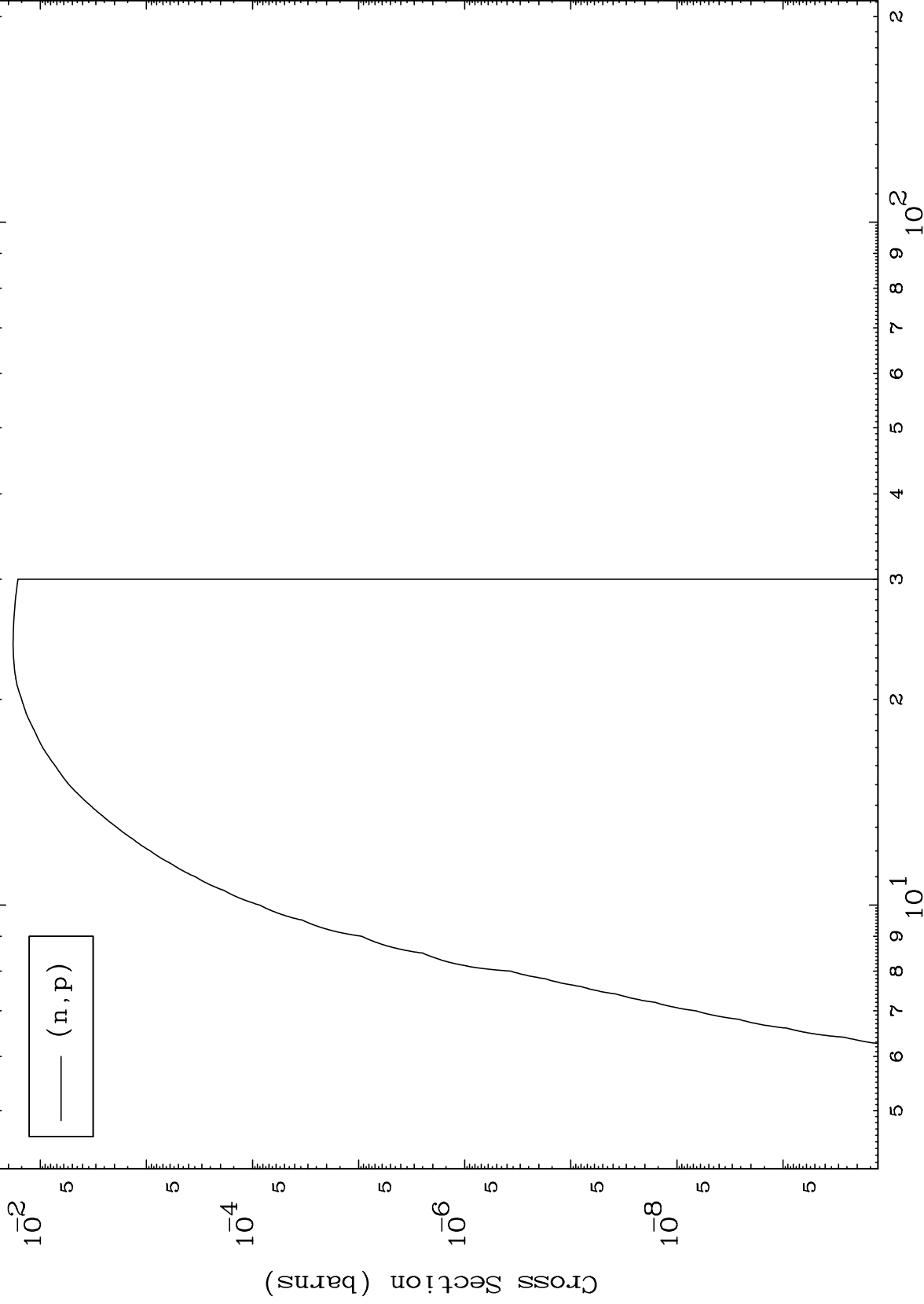
293 Kelvin Cross Sections



MAT 4849

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-114



12

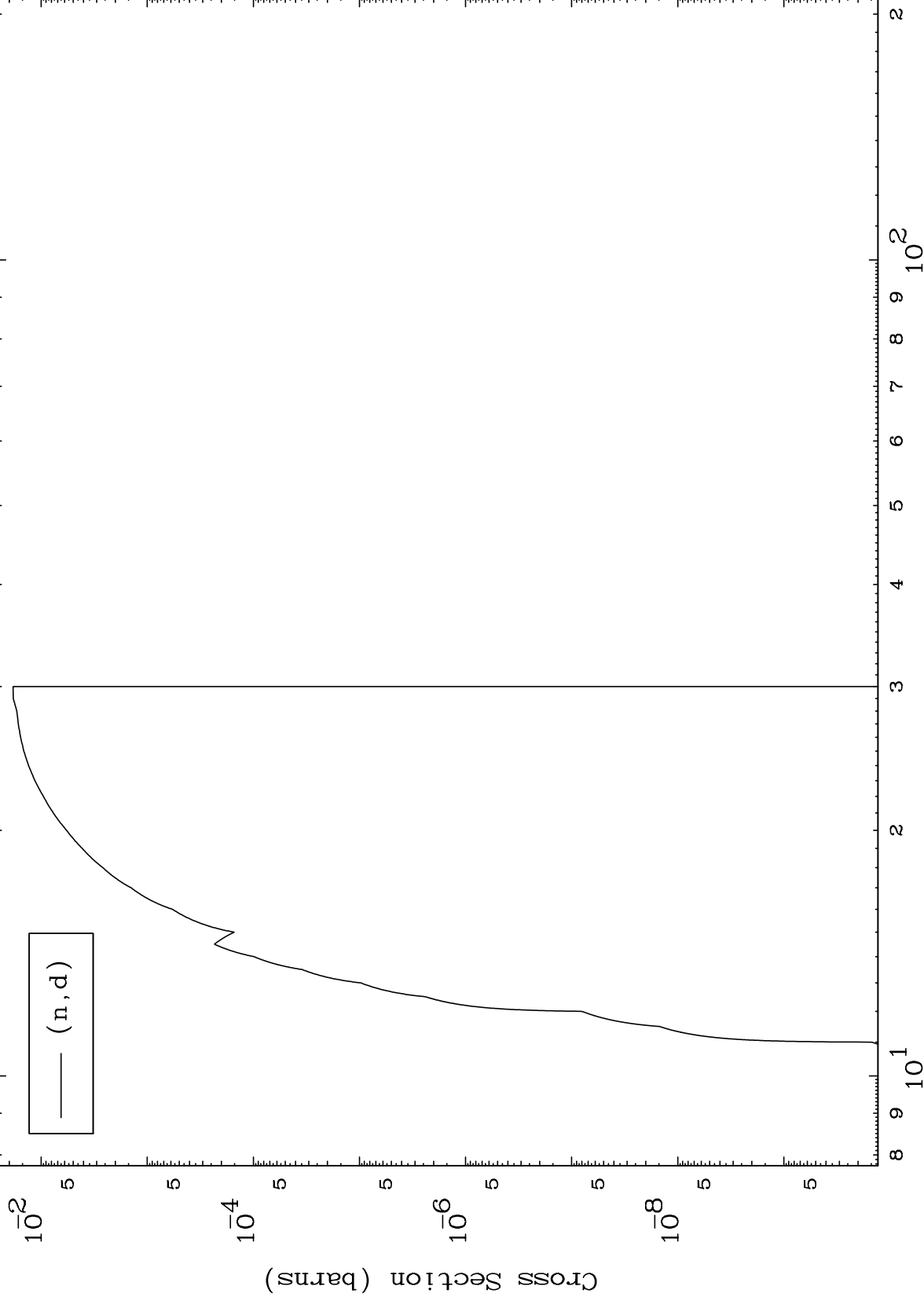
Incident Energy (MeV)

48-Cd-114

MAT 4849

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-114



(n,d)

Incident Energy (MeV)

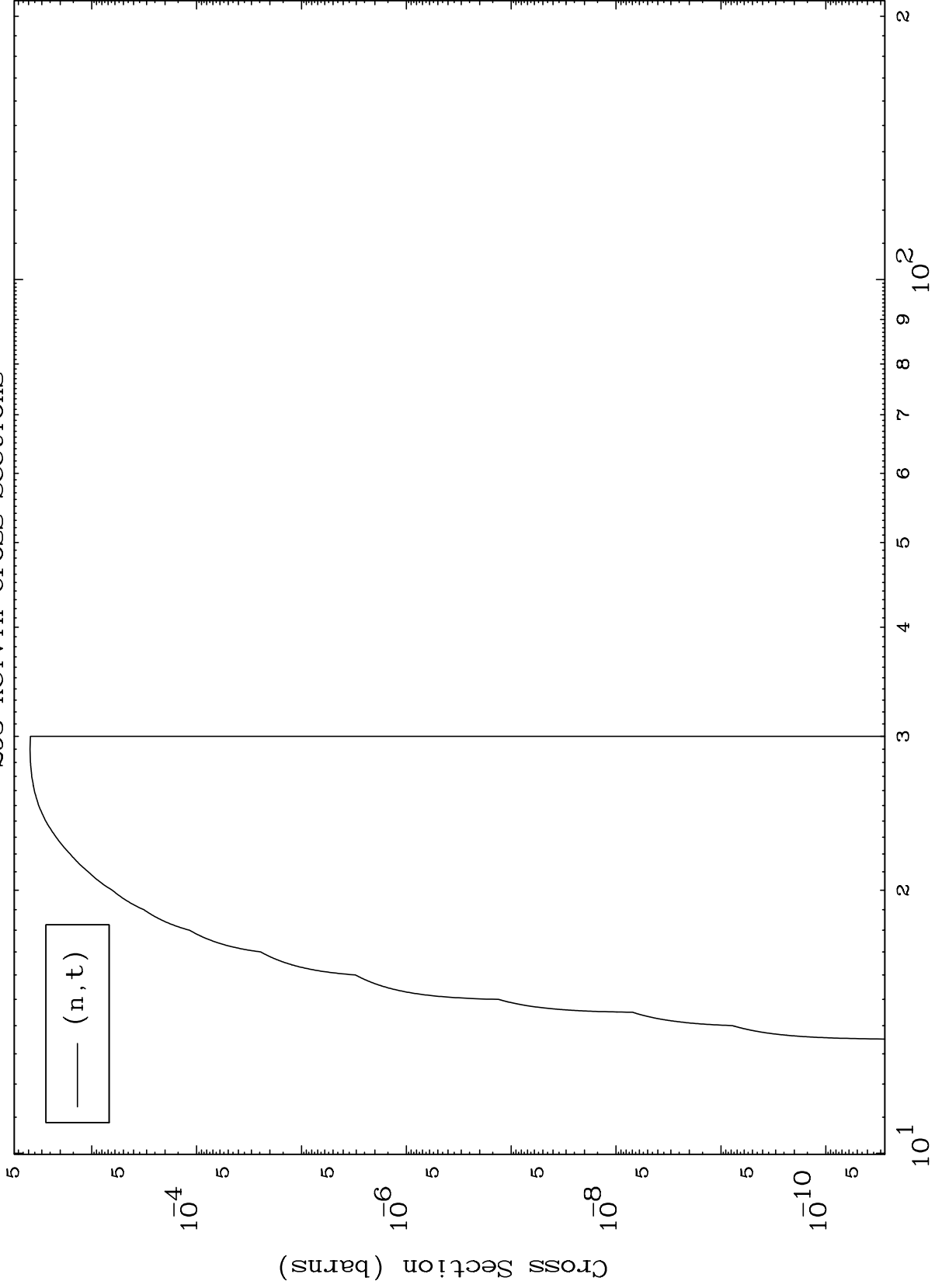
48-Cd-114

13

MAT 4849

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-114



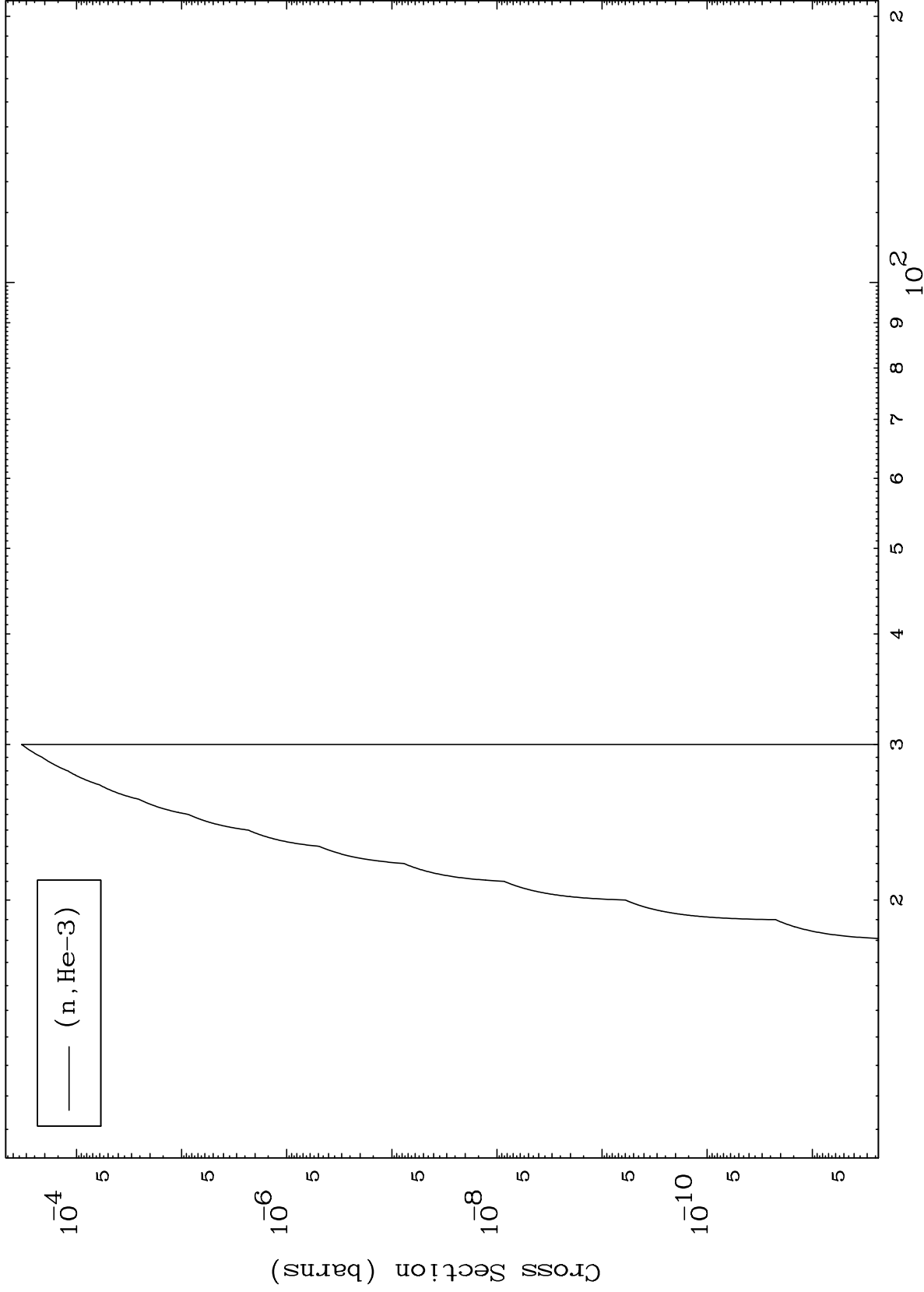
Incident Energy (MeV)

48-Cd-114

MAT 4849

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-114



15

Incident Energy (MeV)

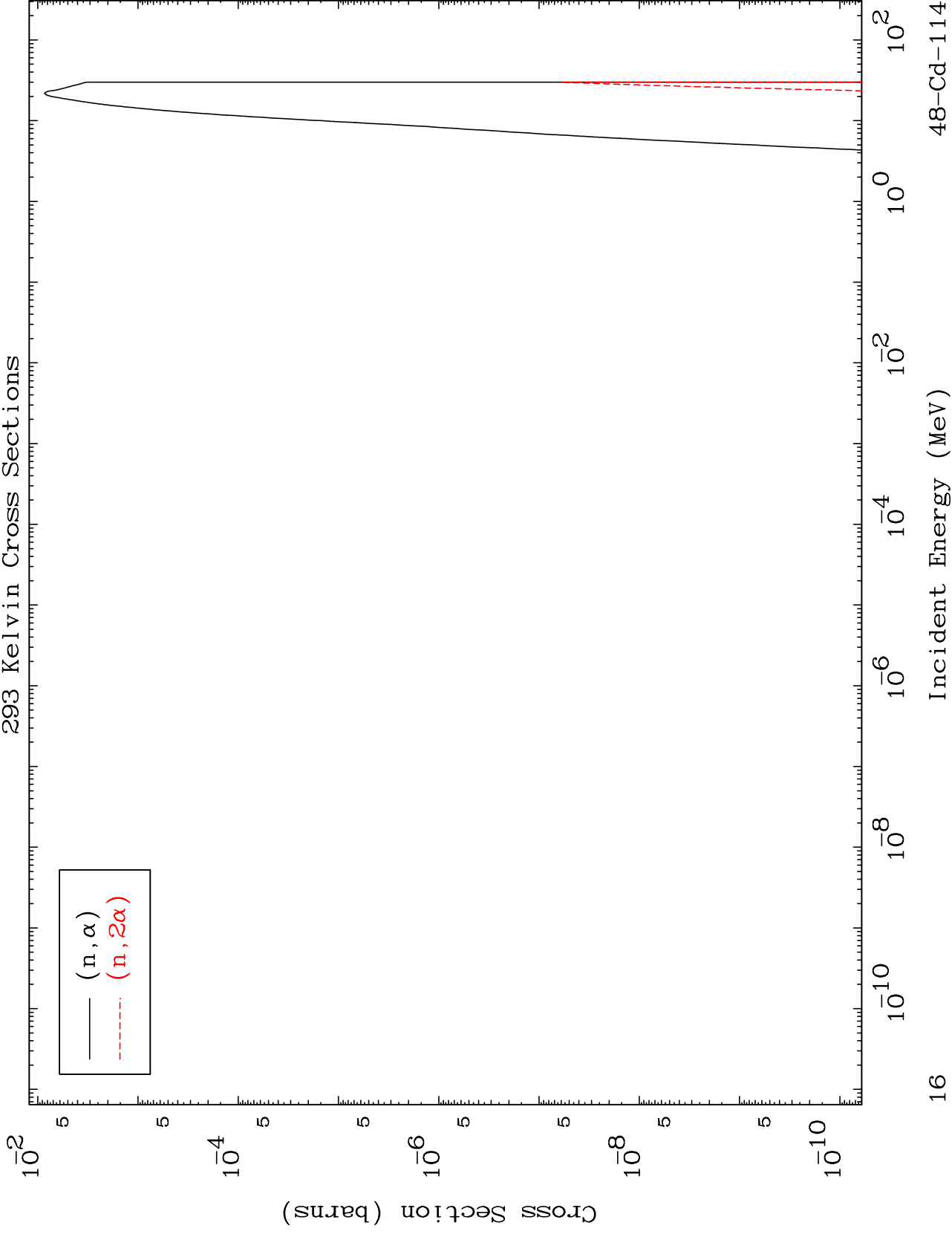
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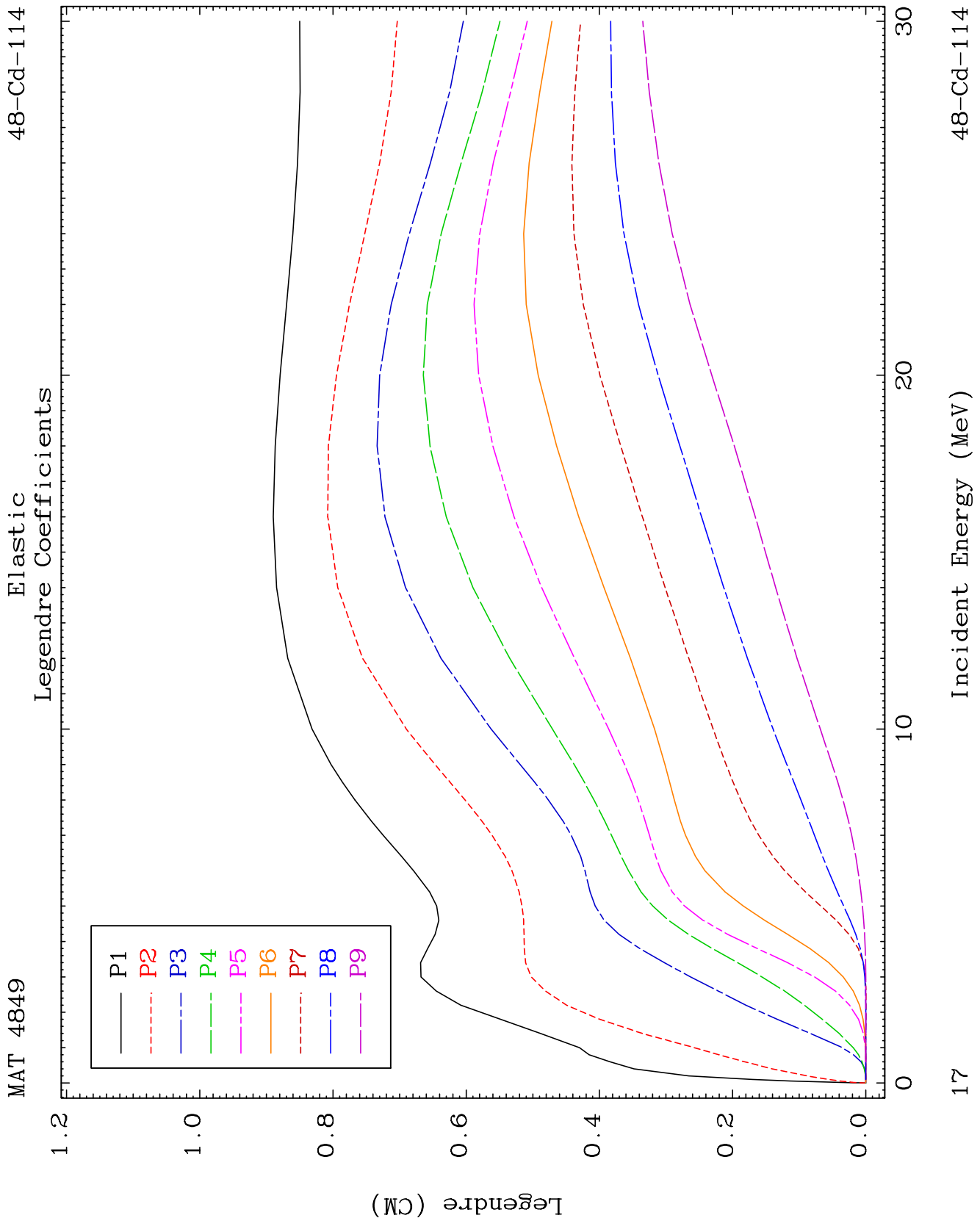


MAT 4849

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

48-Cd-114

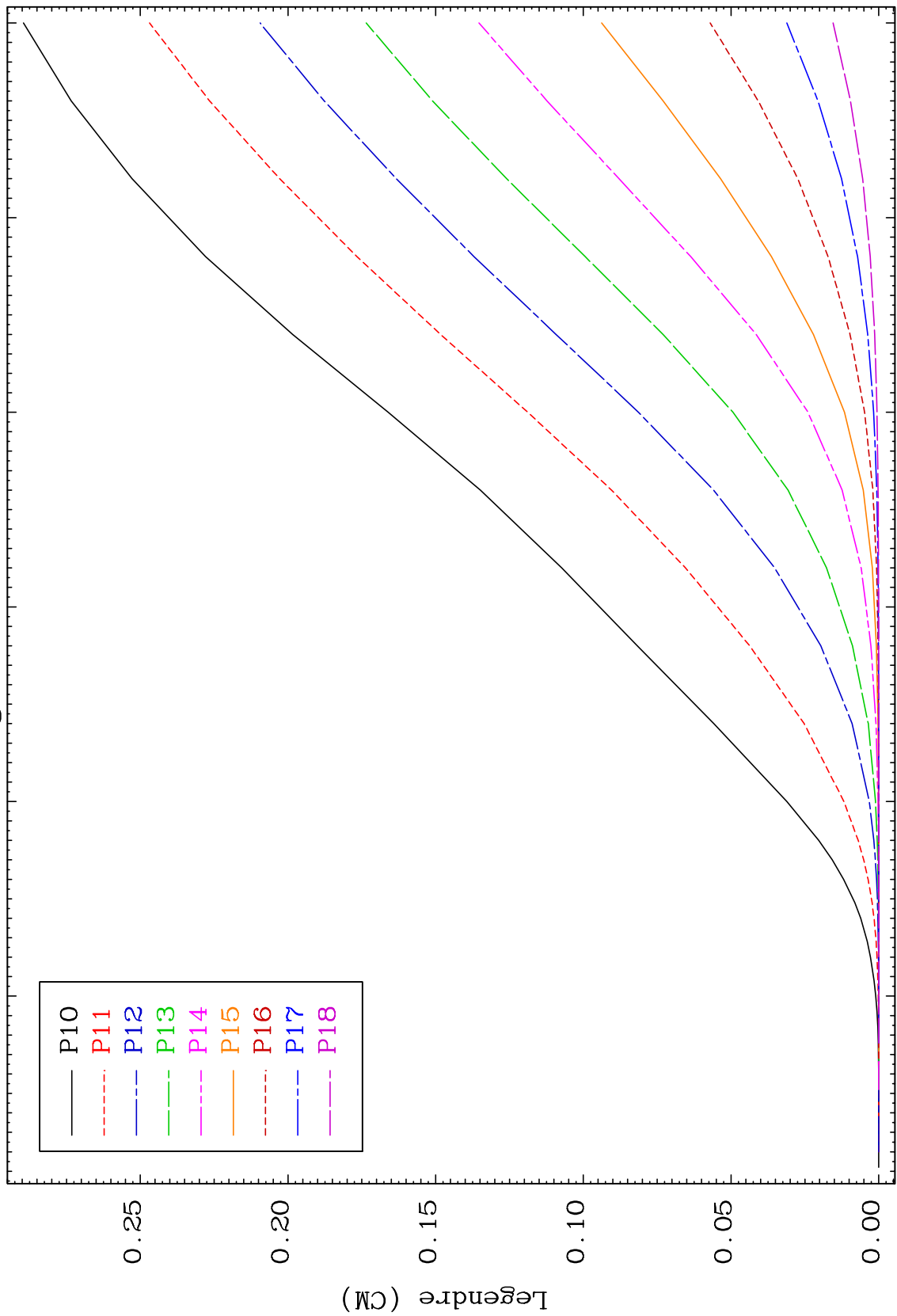




MAT 4849

Elastic Legendre Coefficients

48-Cd-114

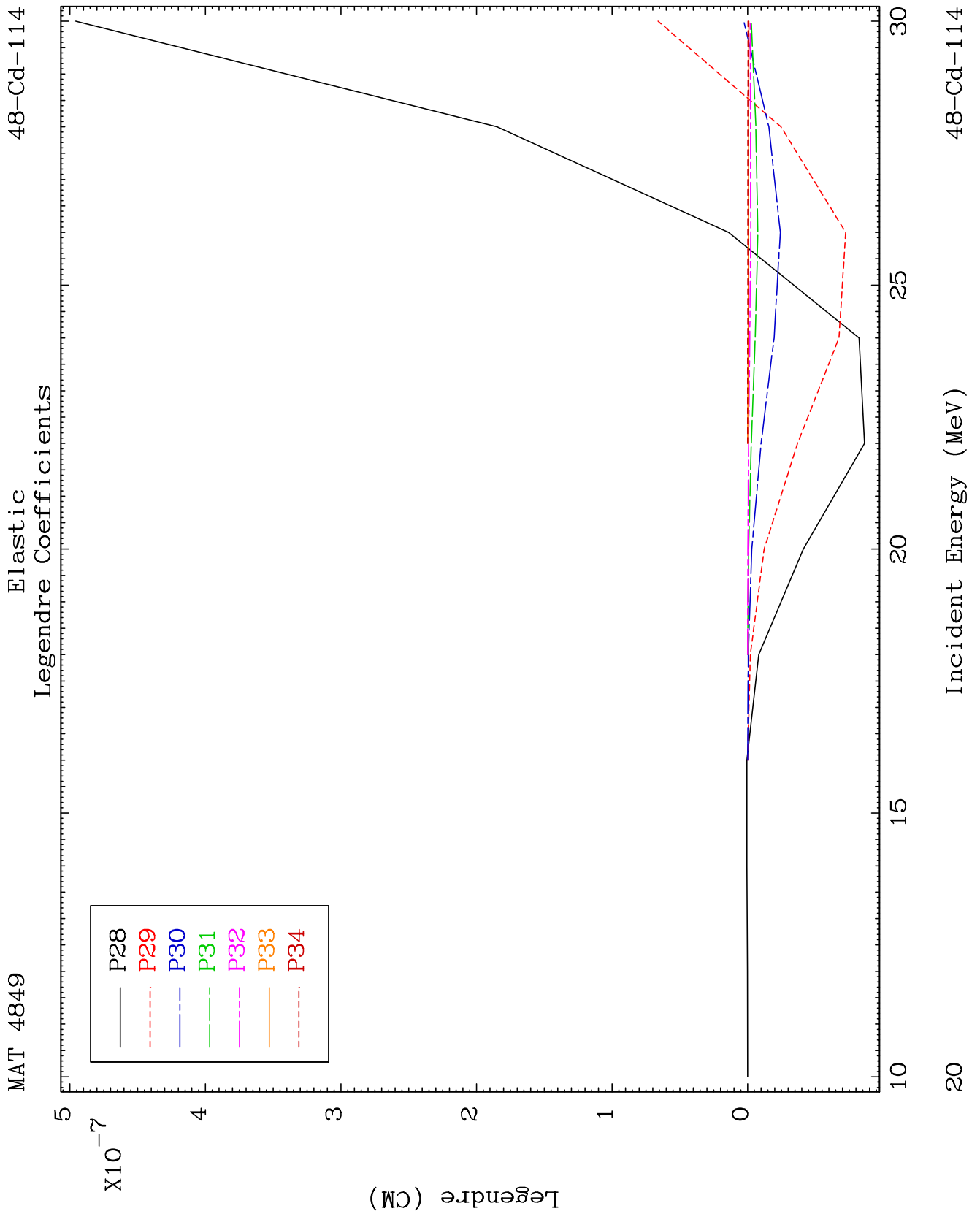


18

Incident Energy (MeV)

48-Cd-114

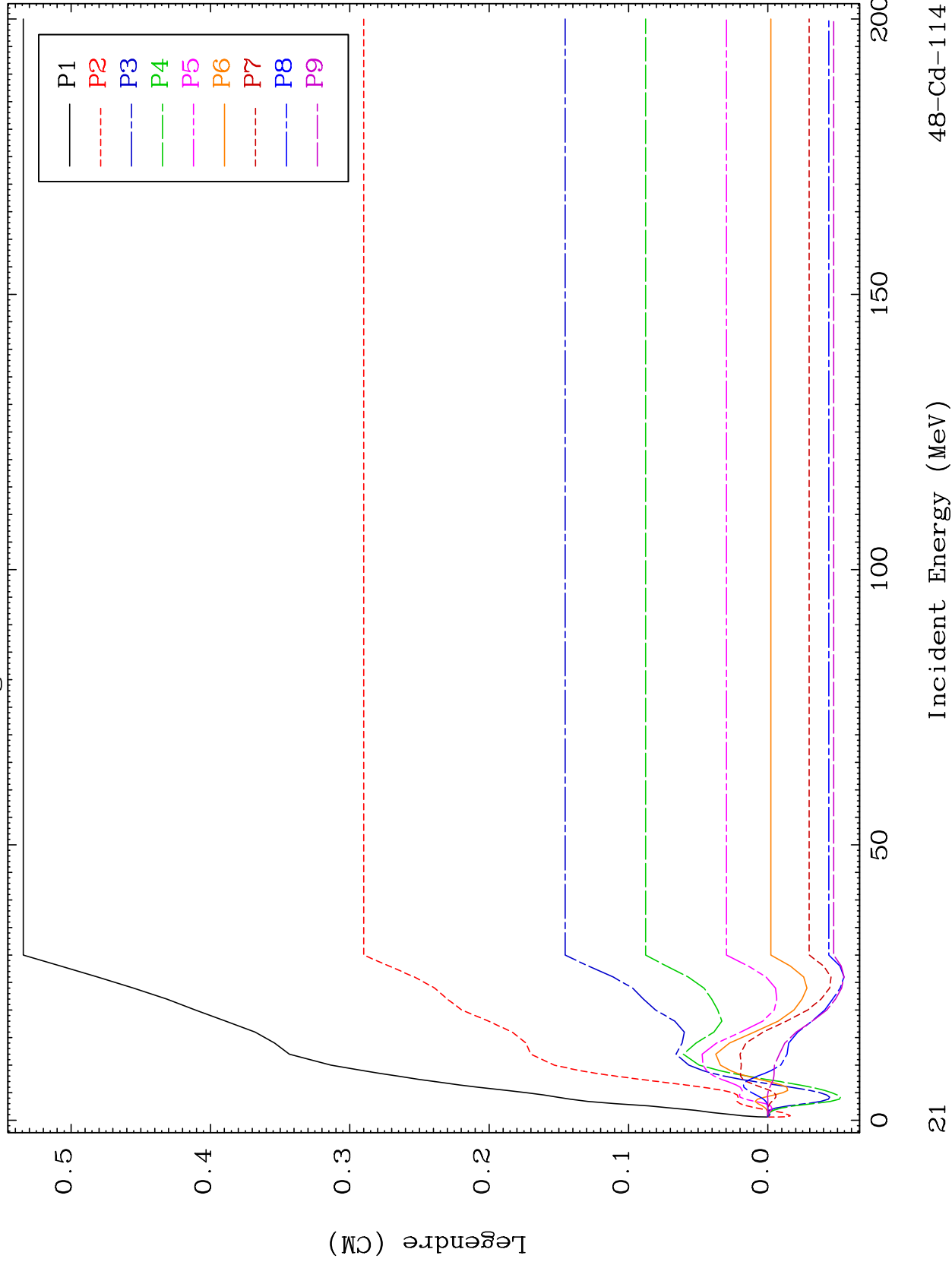




MAT 4849

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

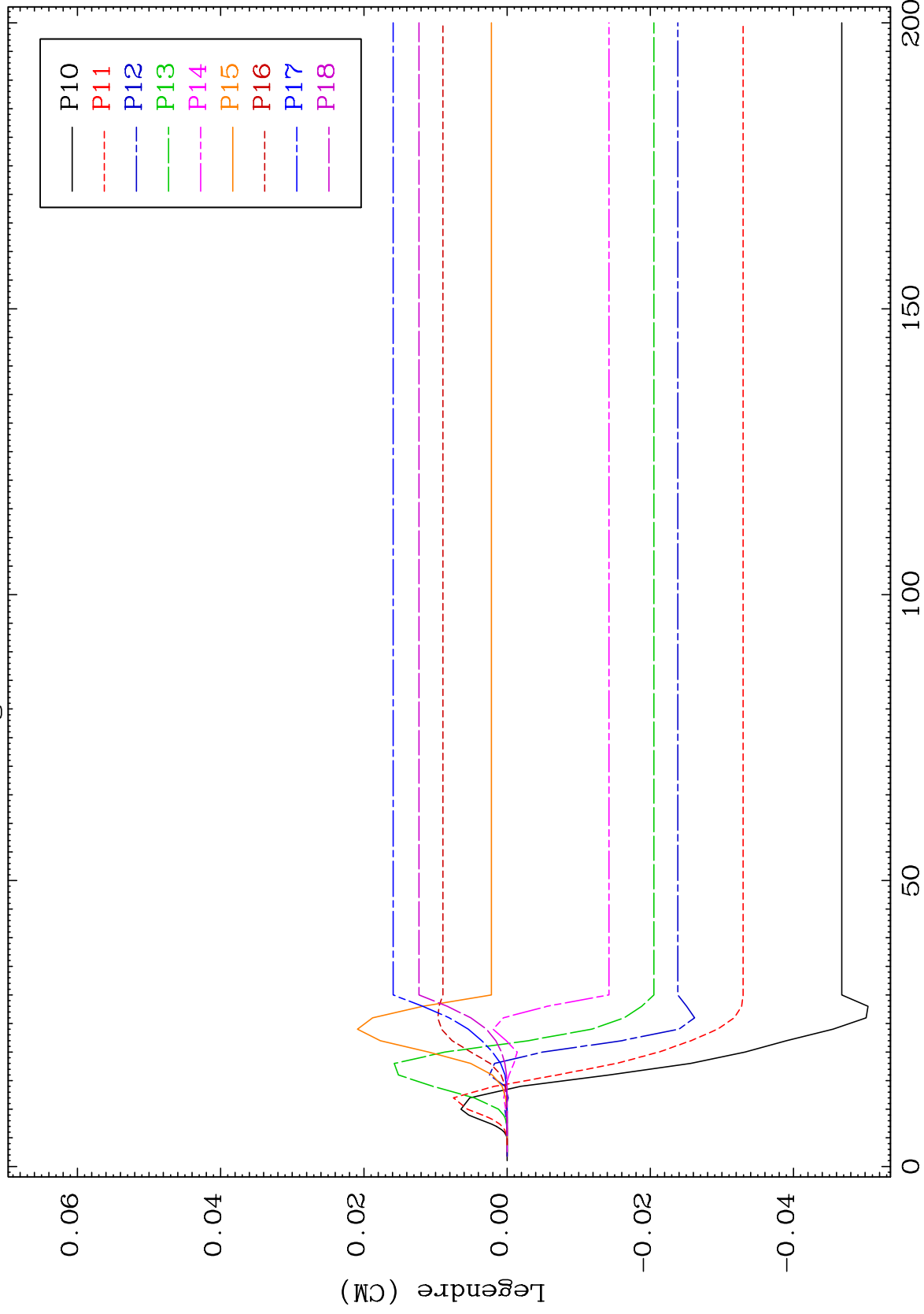
48-Cd-114



MAT 4849

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

48-Cd-114



22

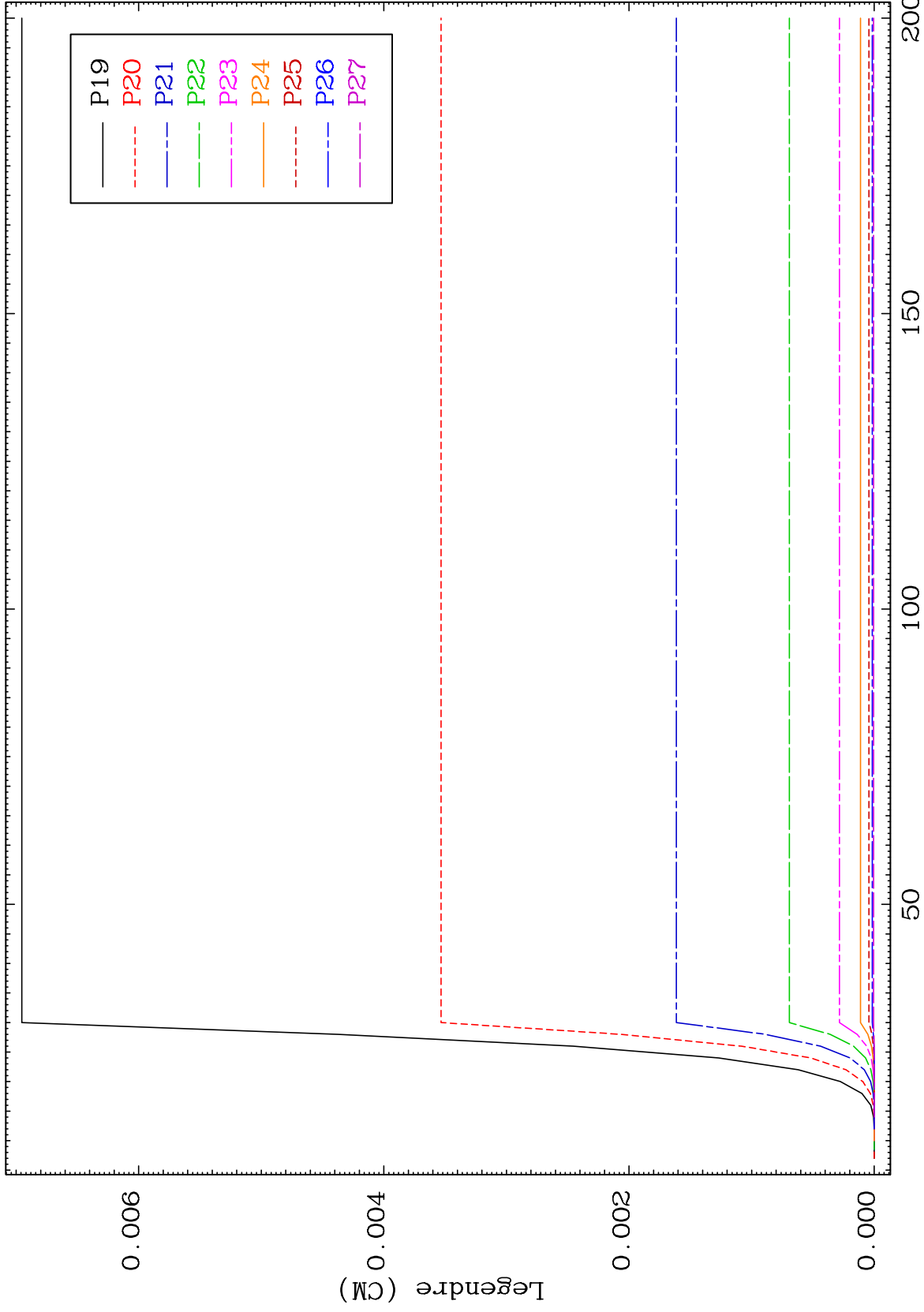
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



23

Incident Energy (MeV)

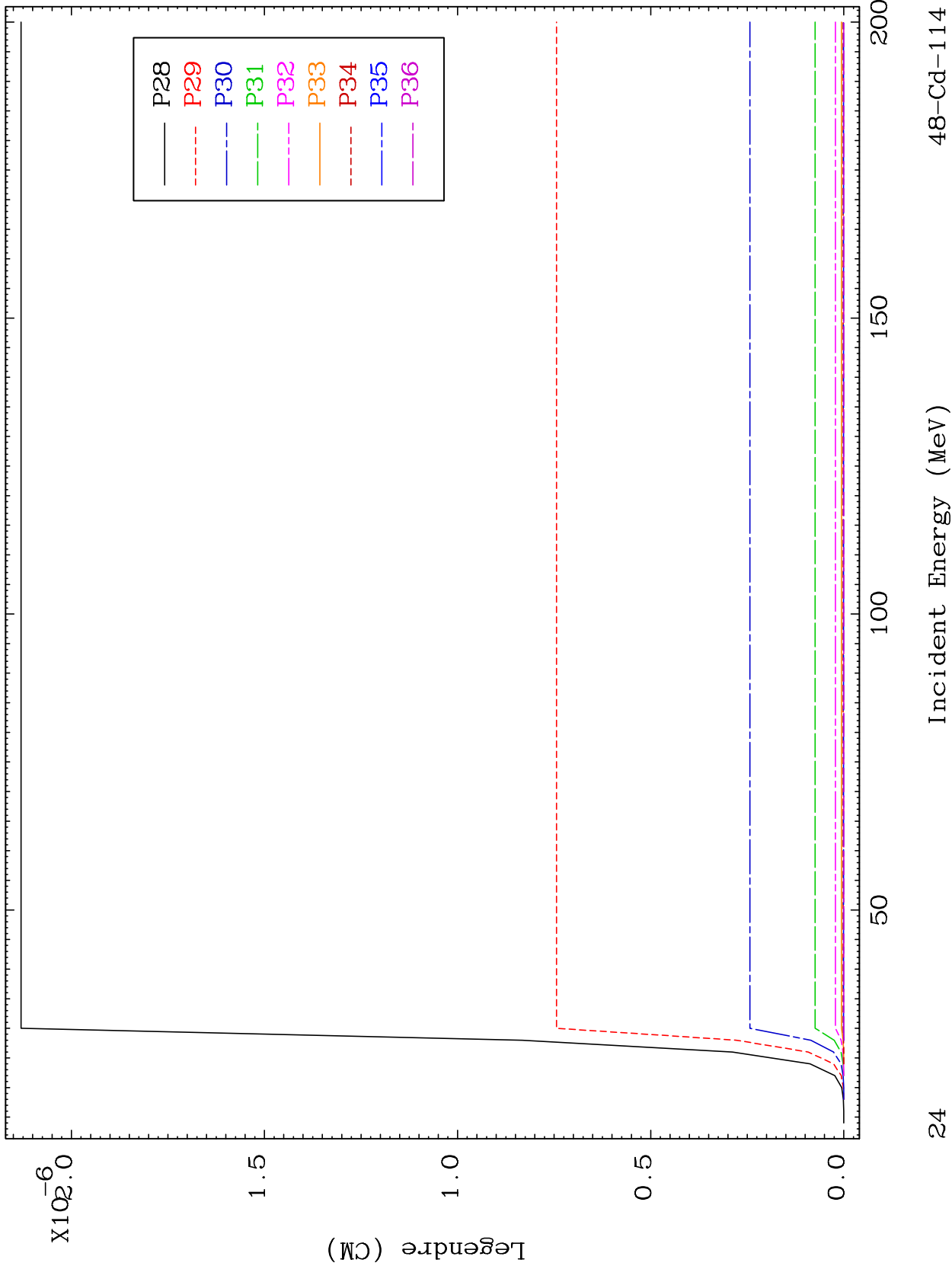
48-Cd-114



MAT 4849

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

48-Cd-114



24

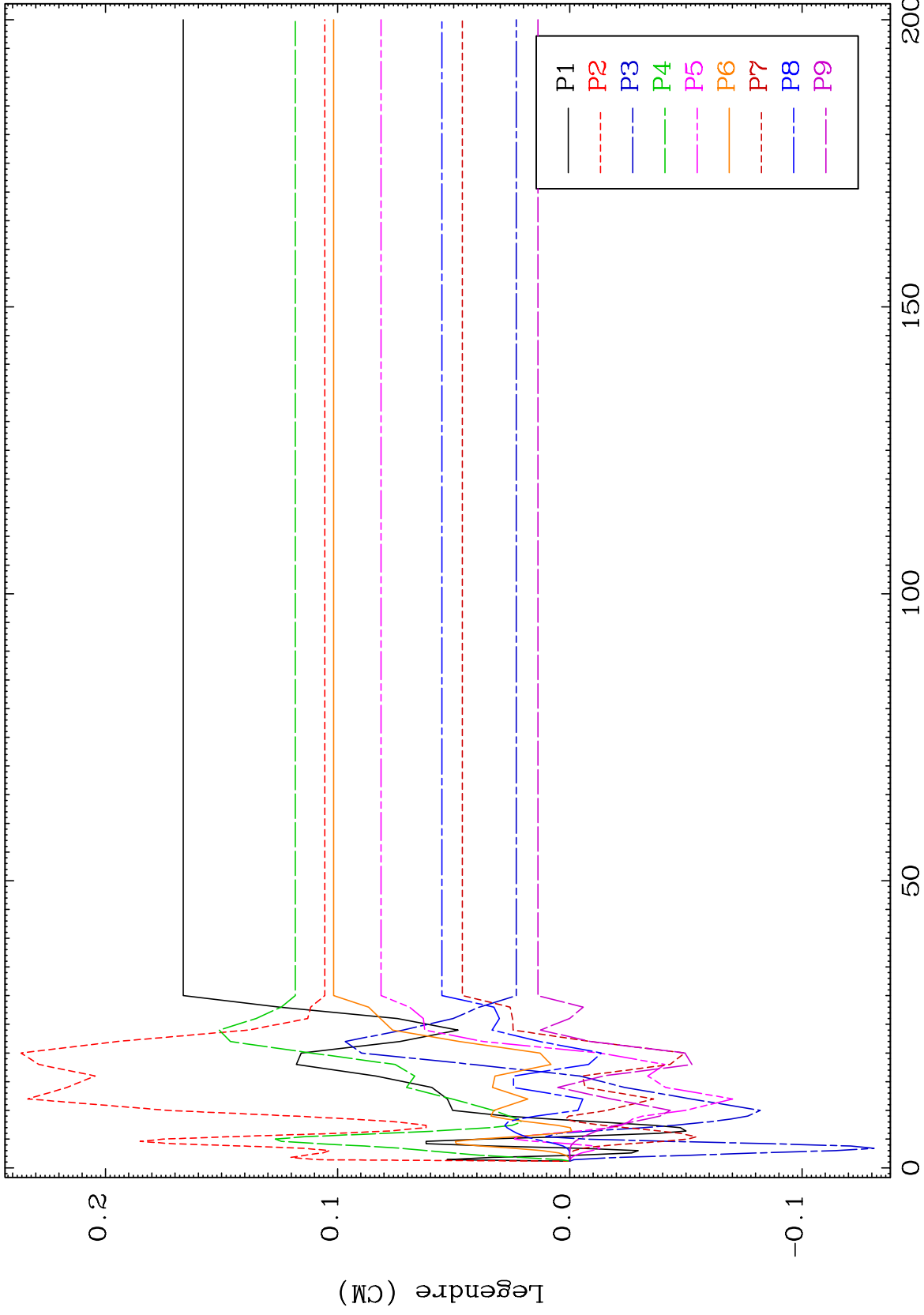
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



25

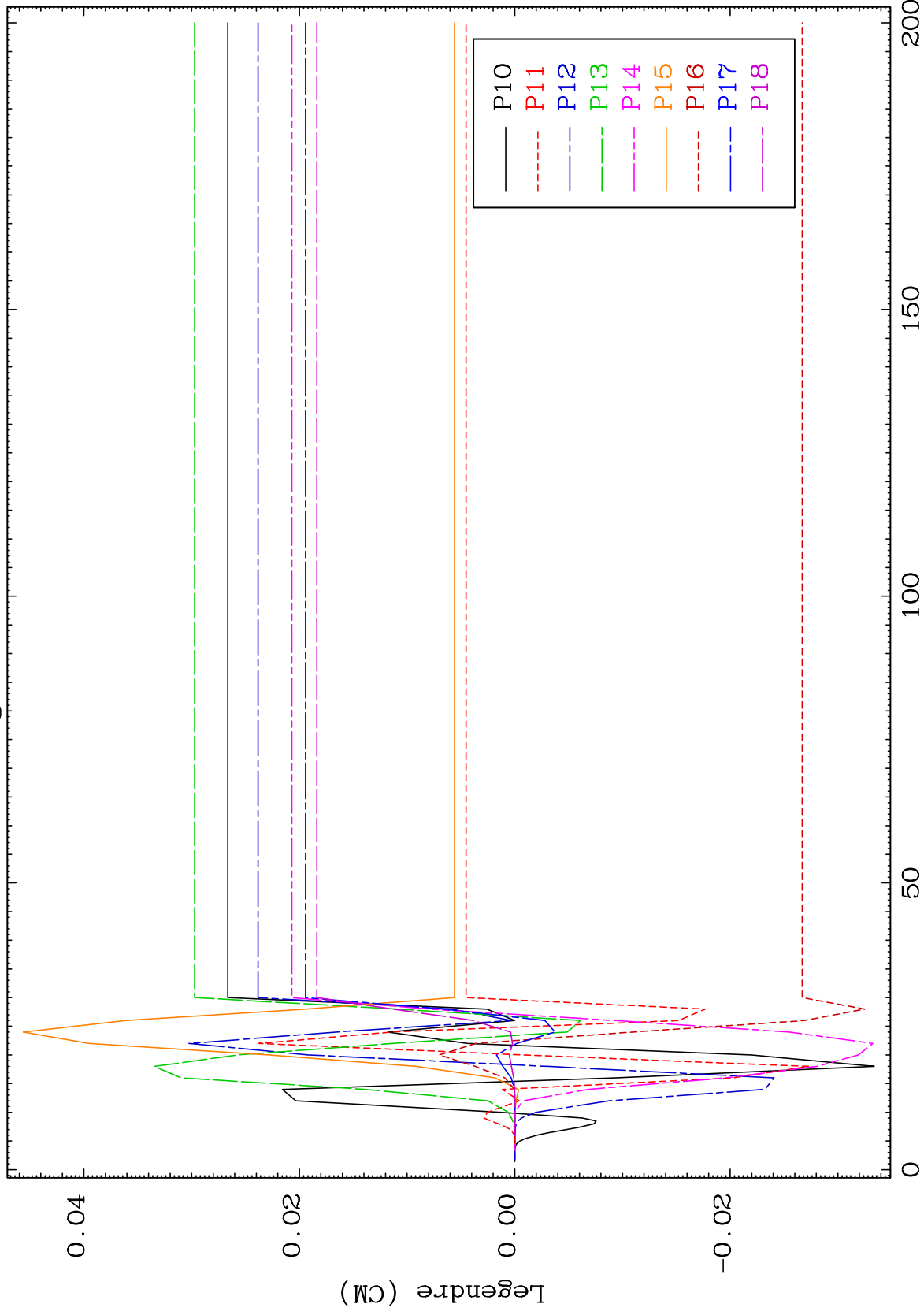
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



26

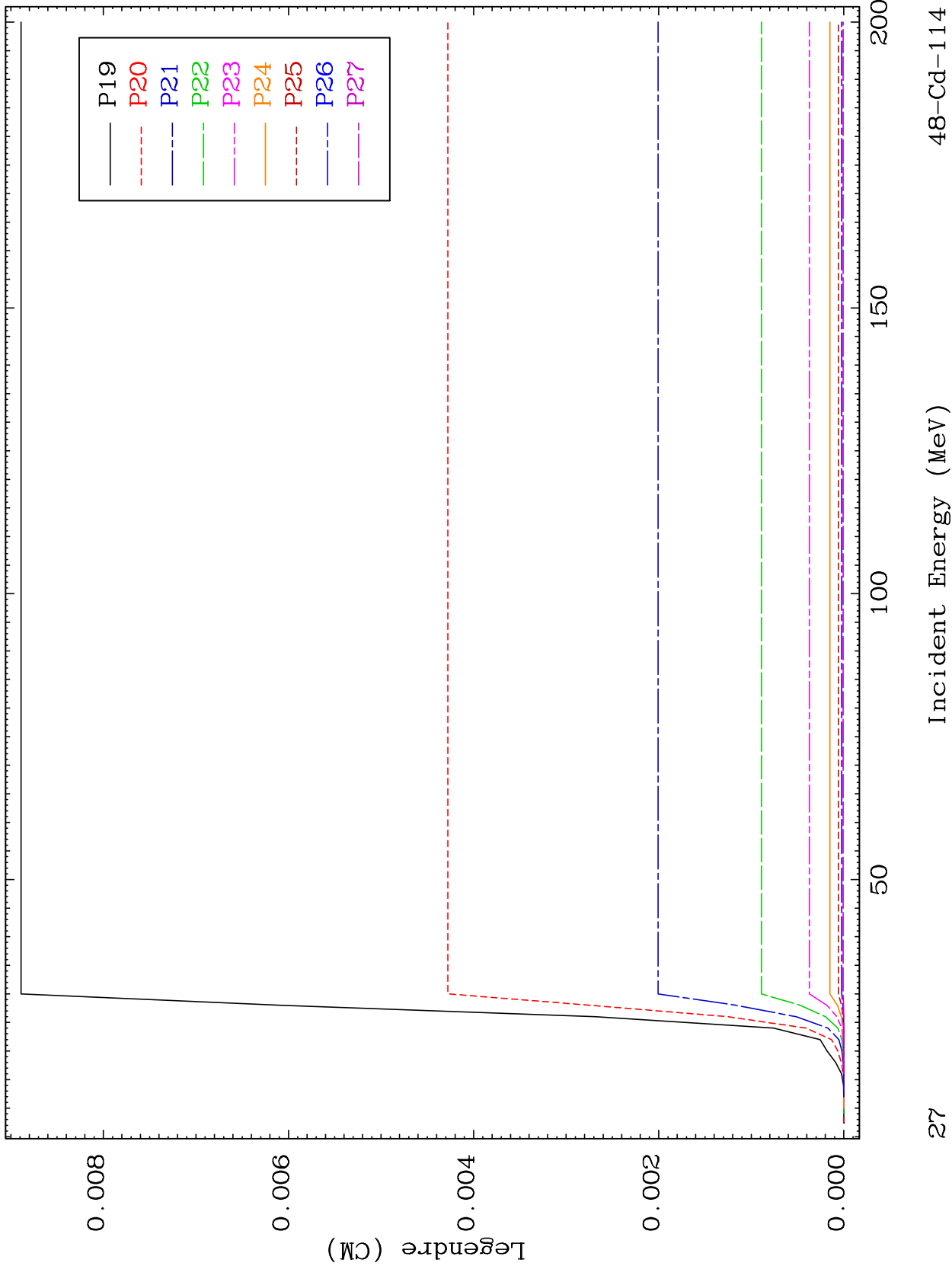
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

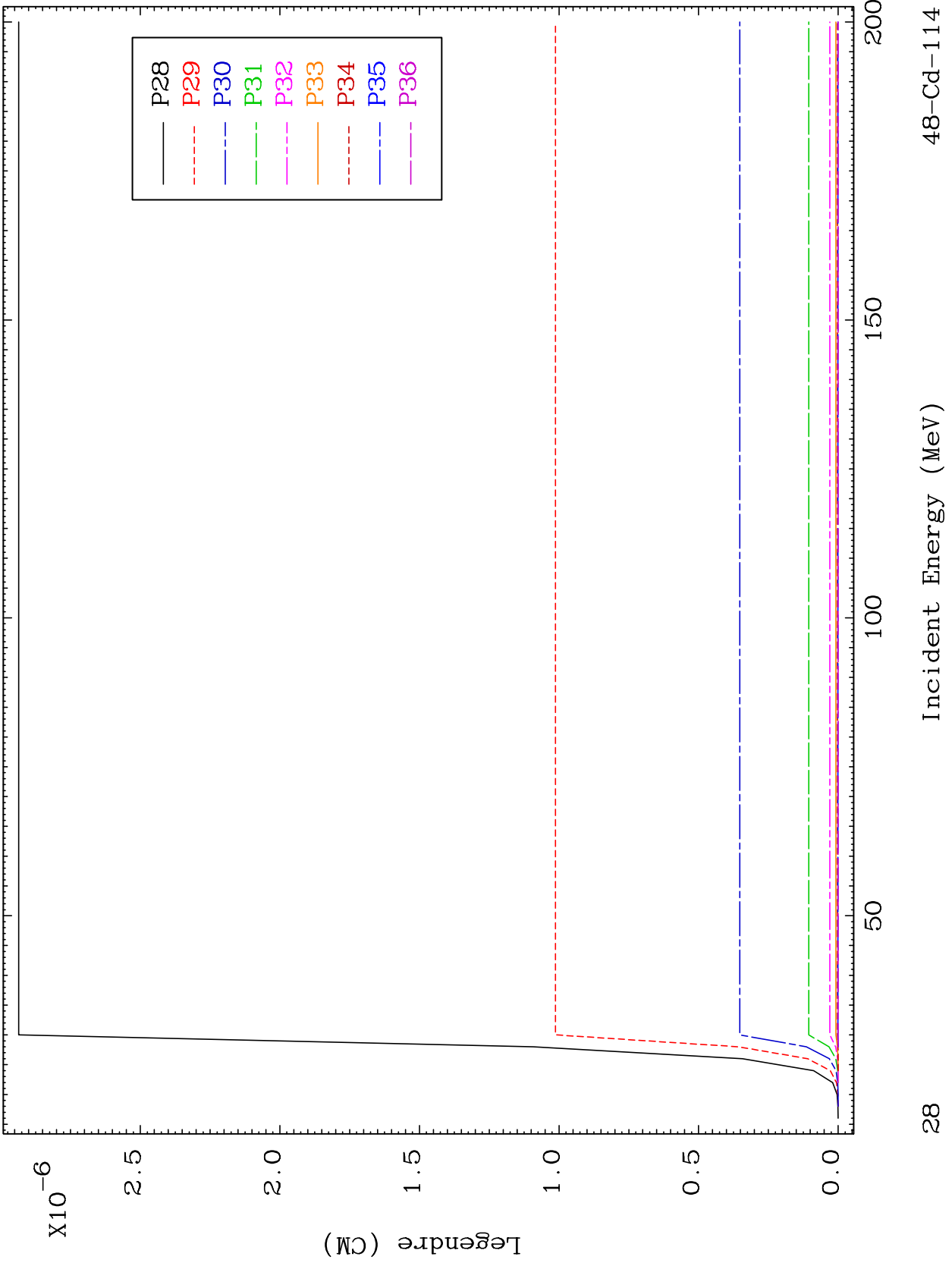
48-Cd-114



MAT 4849

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

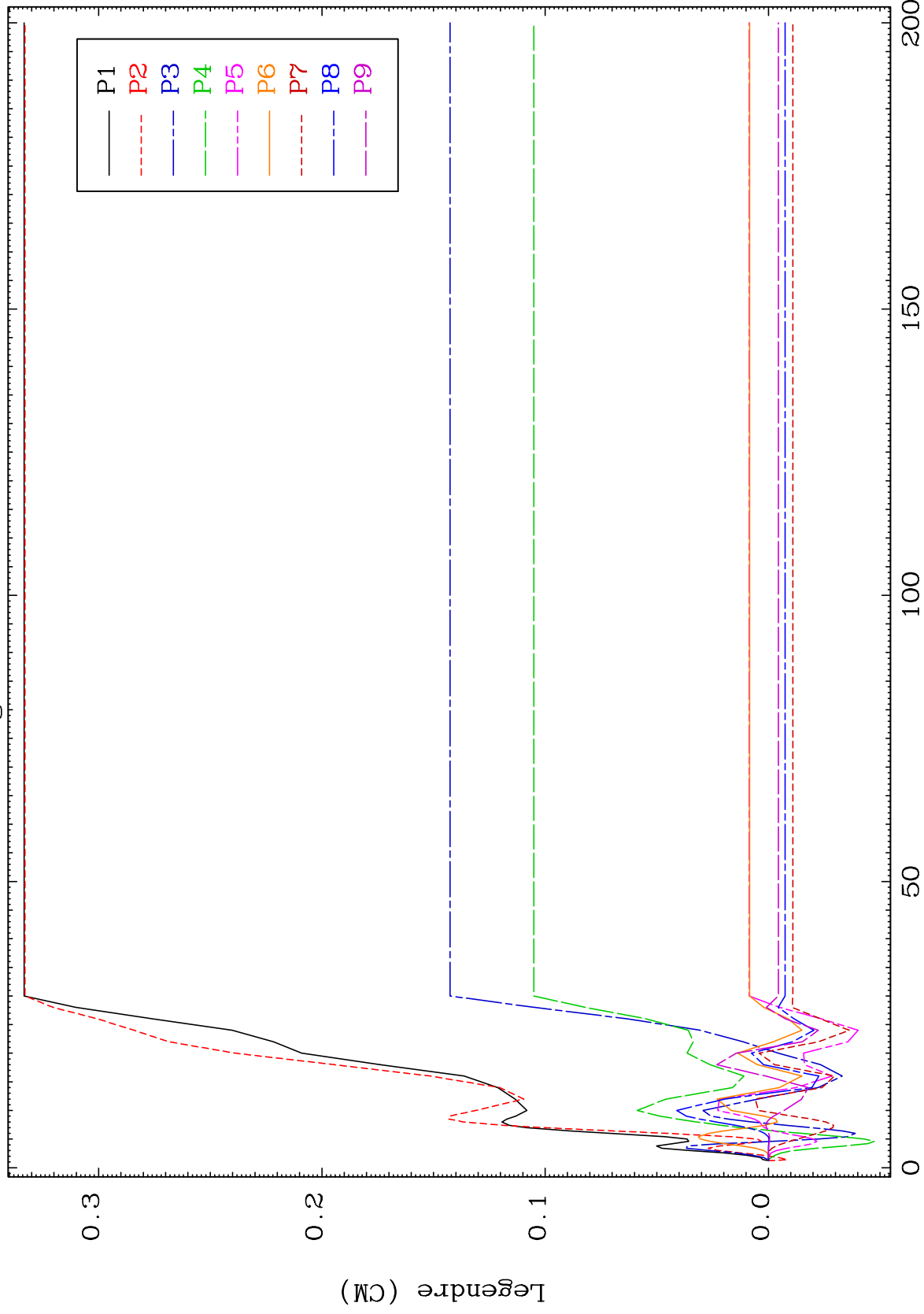
48-Cd-114



MAT 4849

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

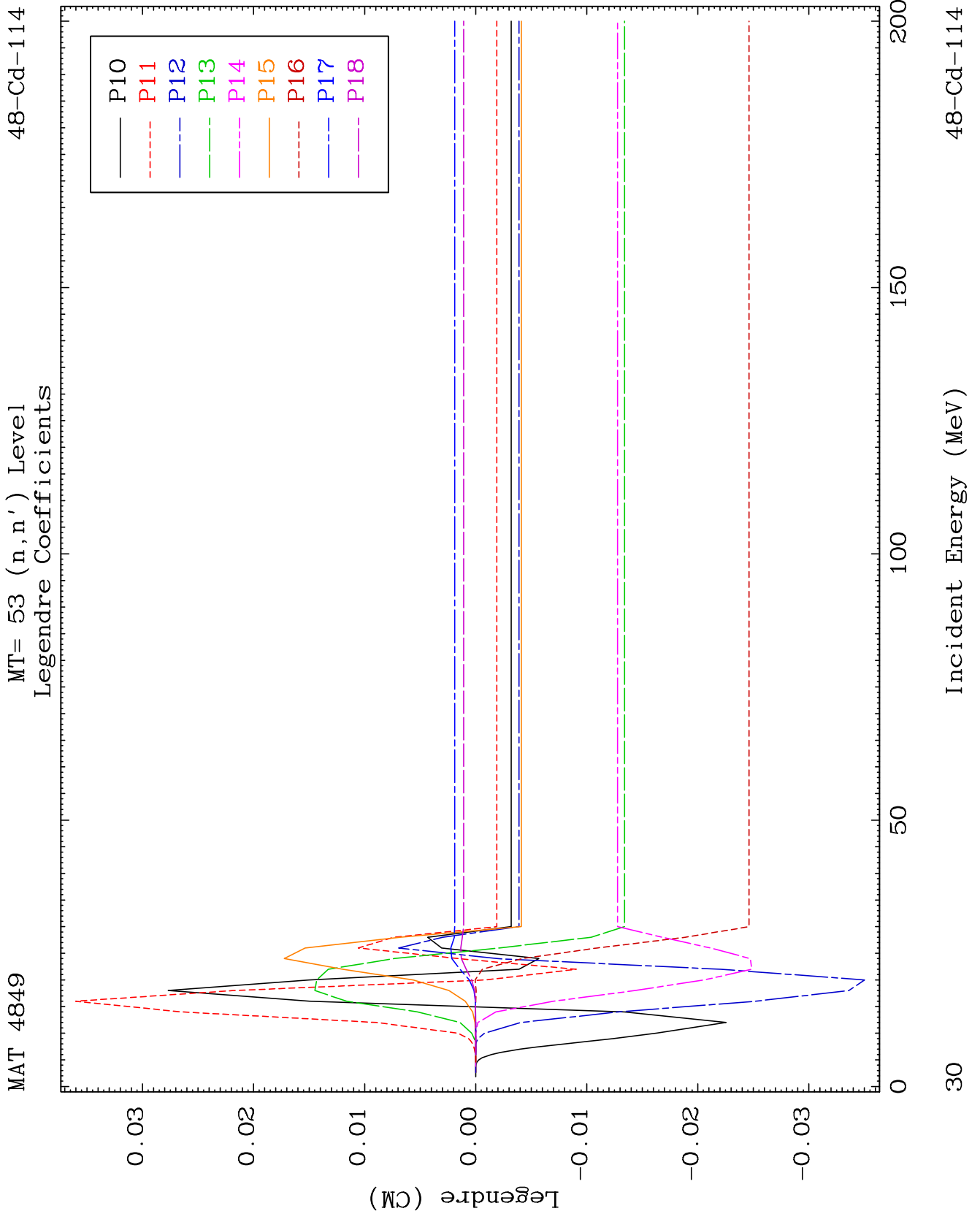
48-Cd-114



29

Incident Energy (MeV)

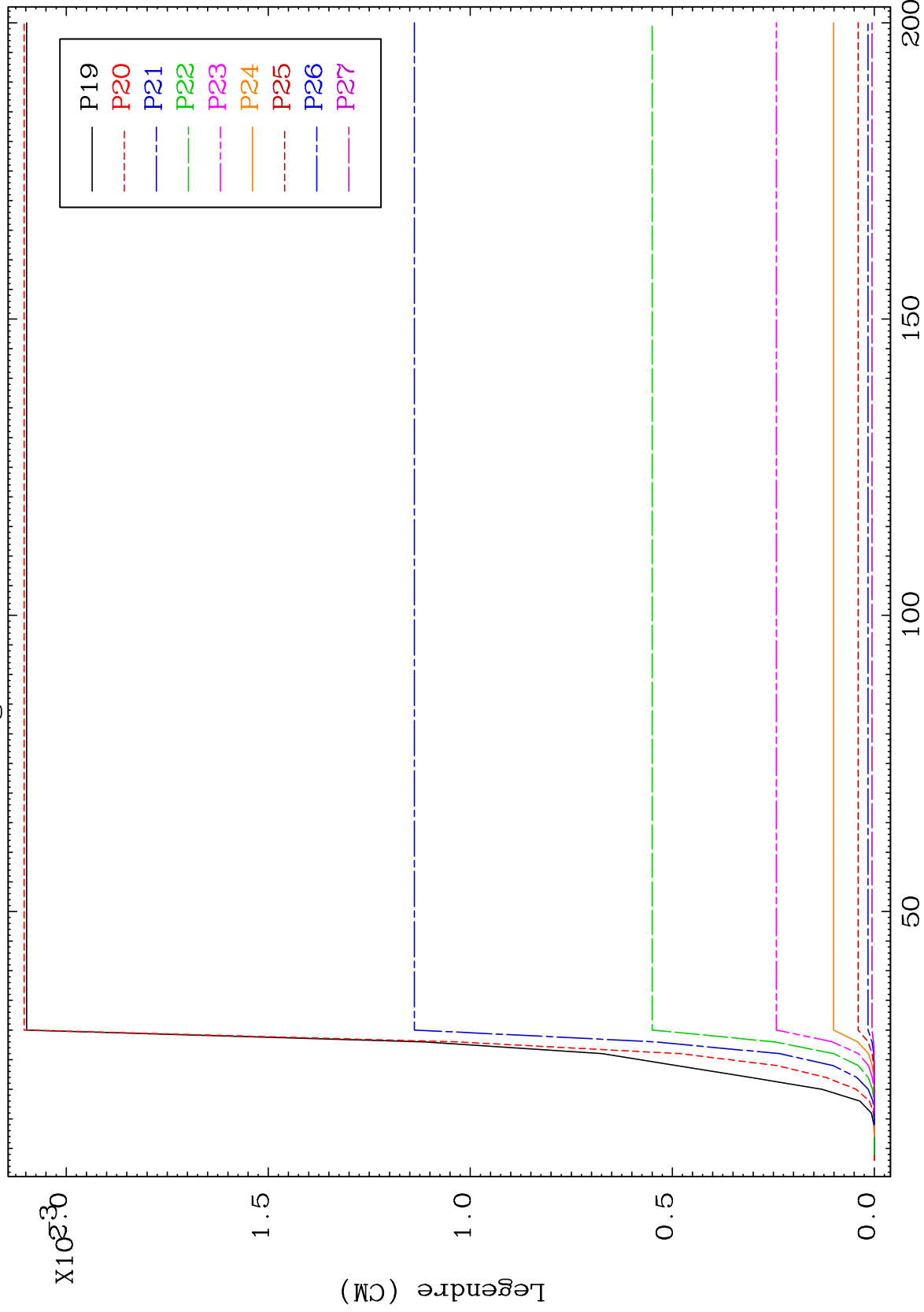
48-Cd-114



MAT 4849

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

48-Cd-114



31

Incident Energy (MeV)

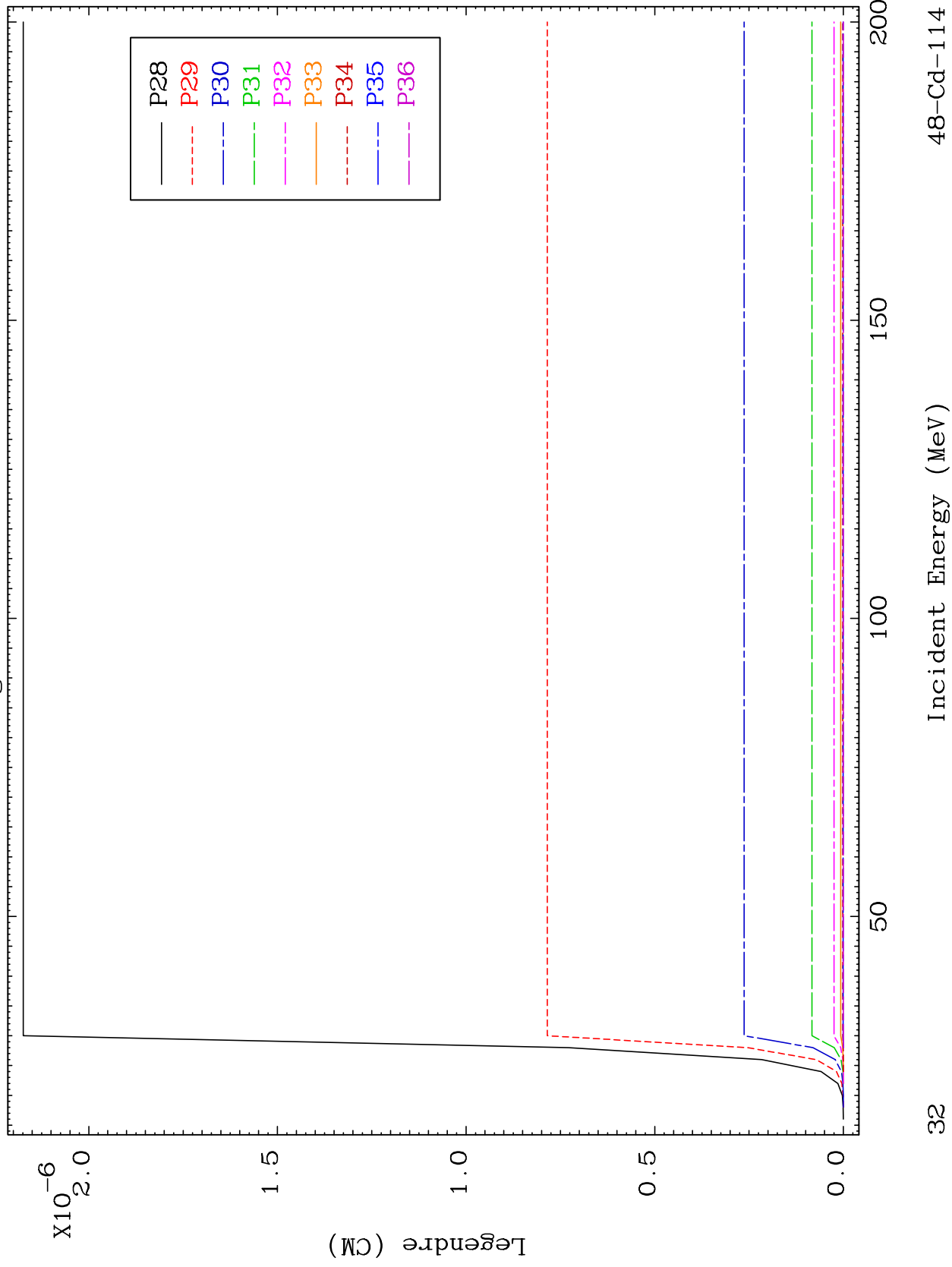
48-Cd-114



MAT 4849

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

48-Cd-114



32

Incident Energy (MeV)

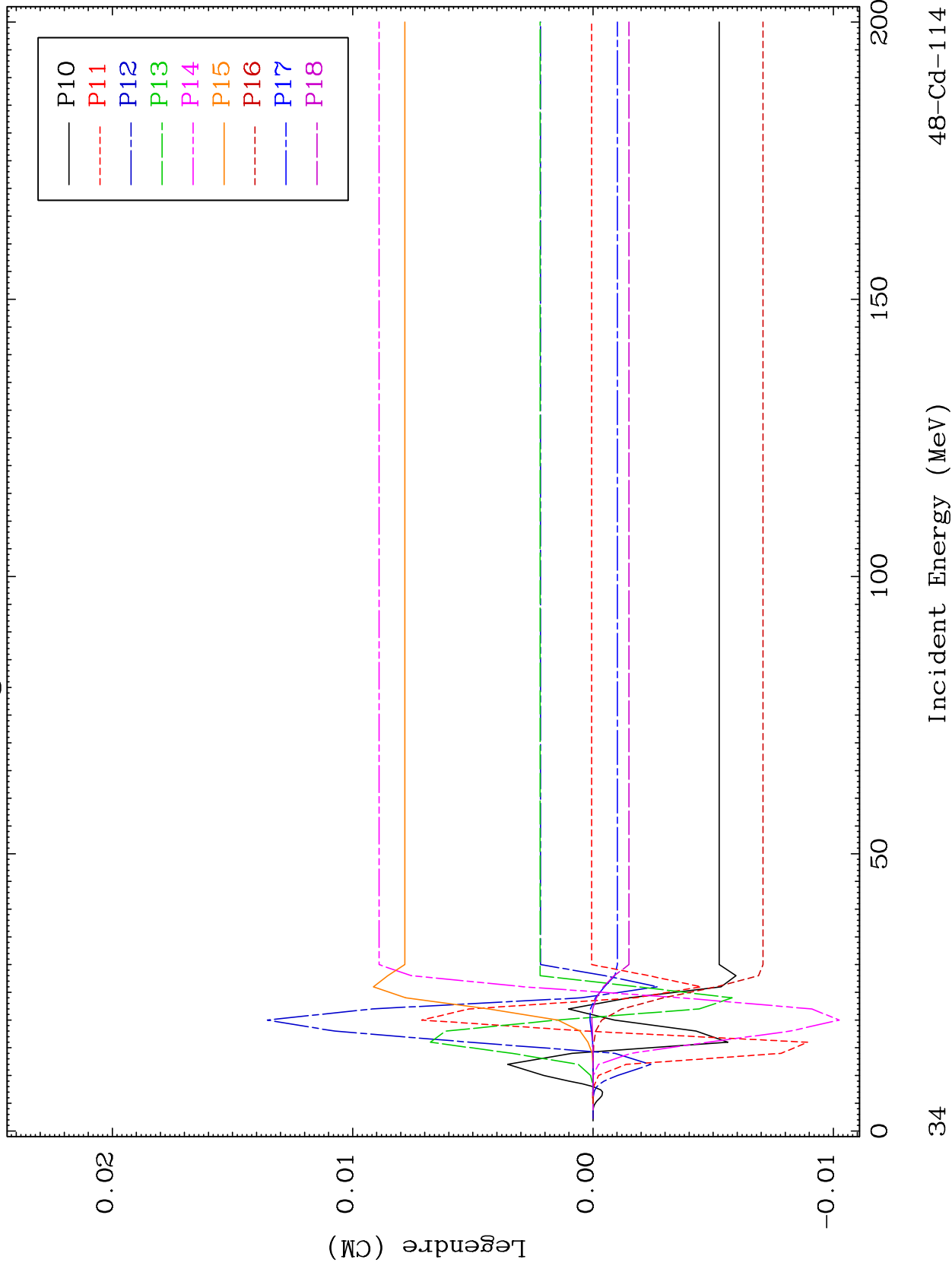
48-Cd-114



MAT 4849

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

48-Cd-114



48-Cd-114

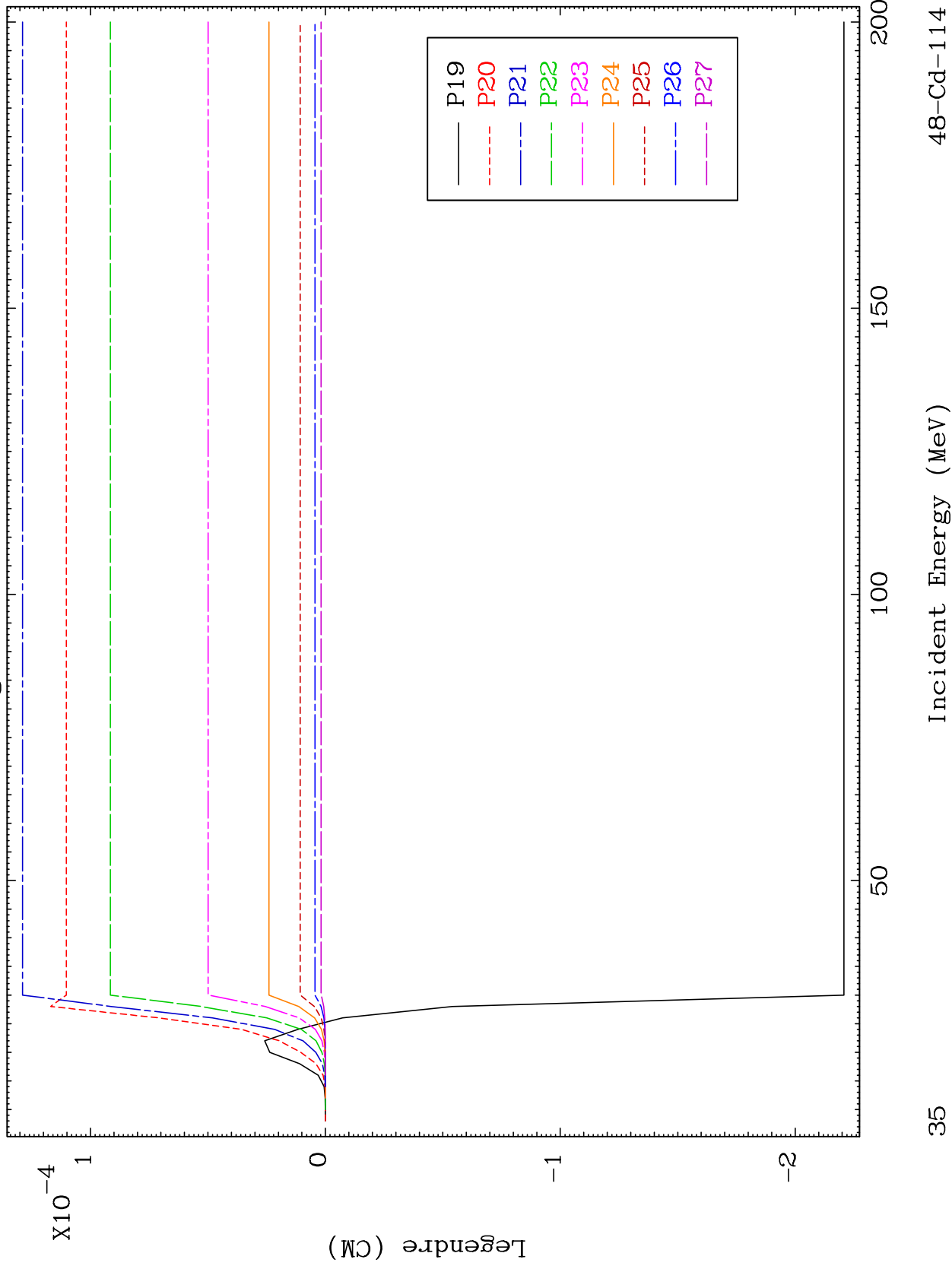
Incident Energy (MeV)

34

MAT 4849

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

48-Cd-114



35

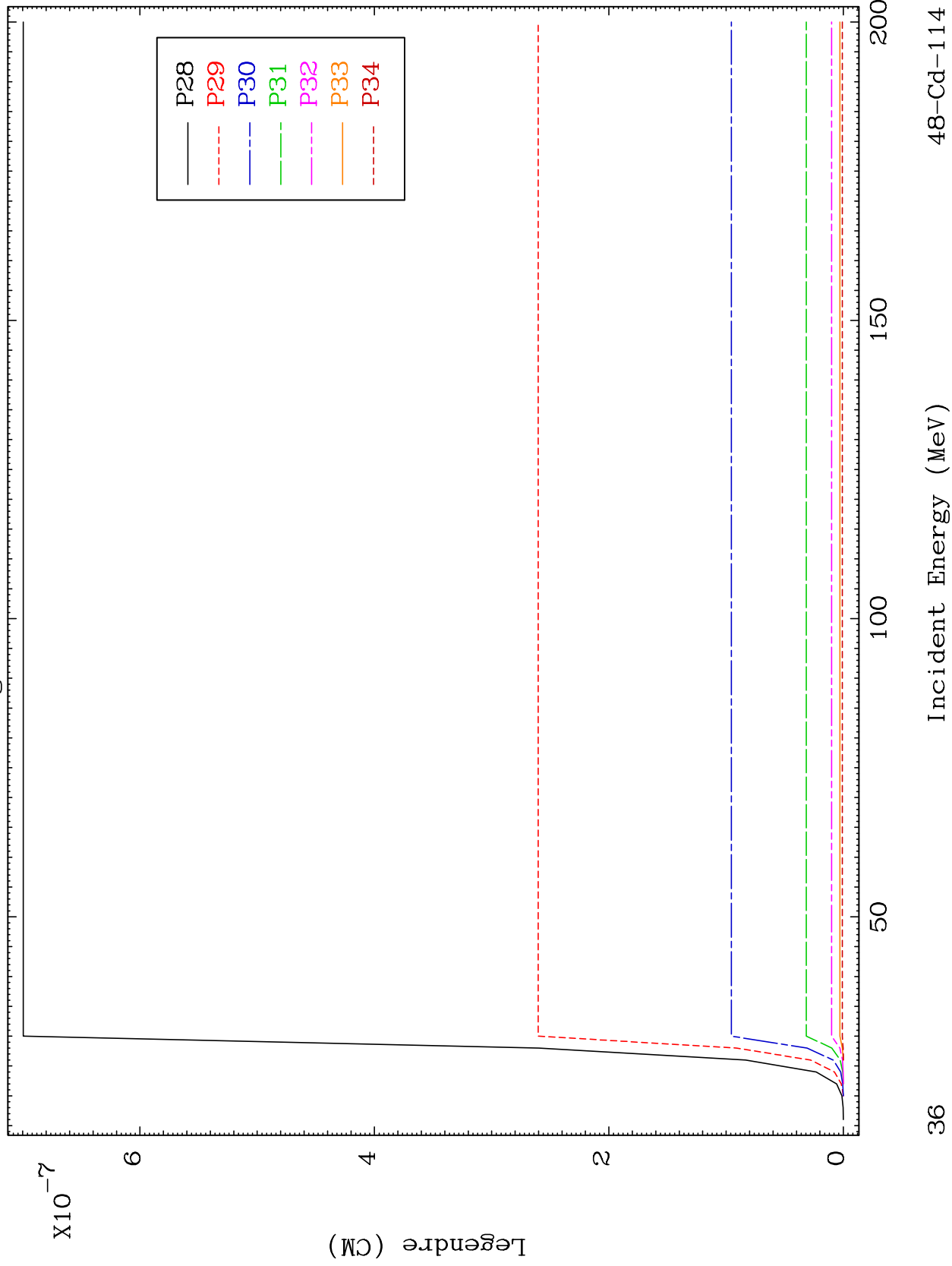
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

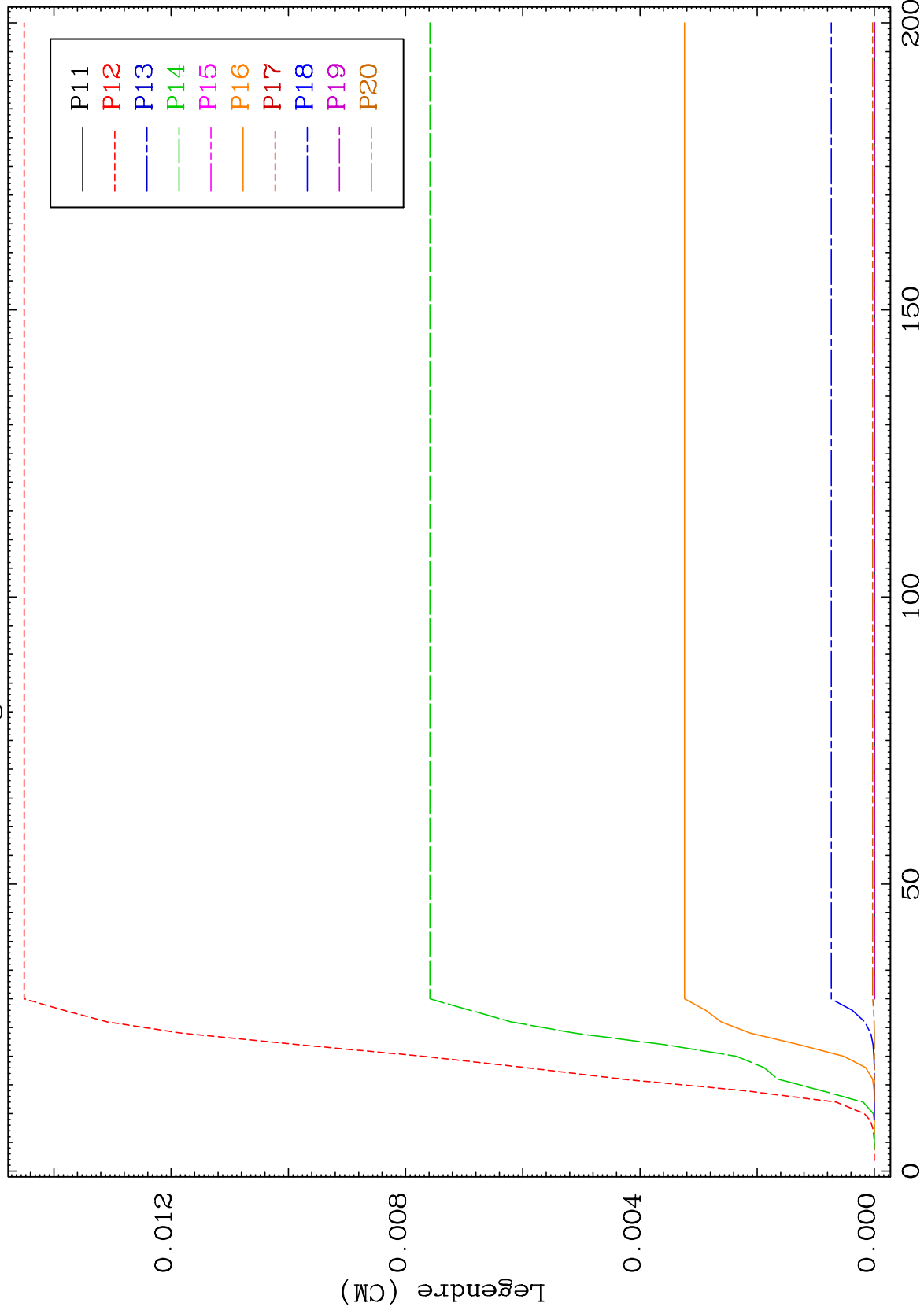




MAT 4849

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

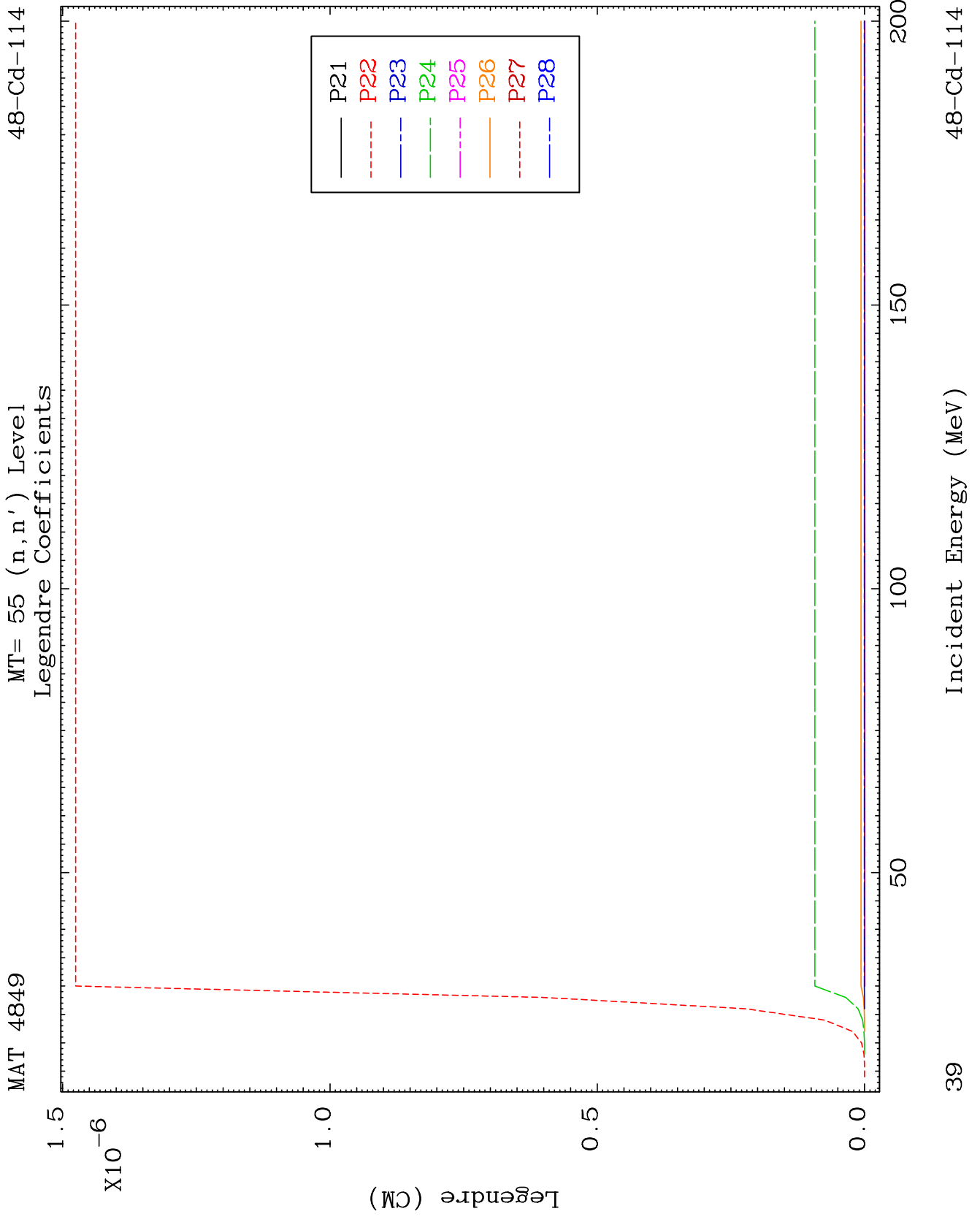
48-Cd-114



38

Incident Energy (MeV)

48-Cd-114

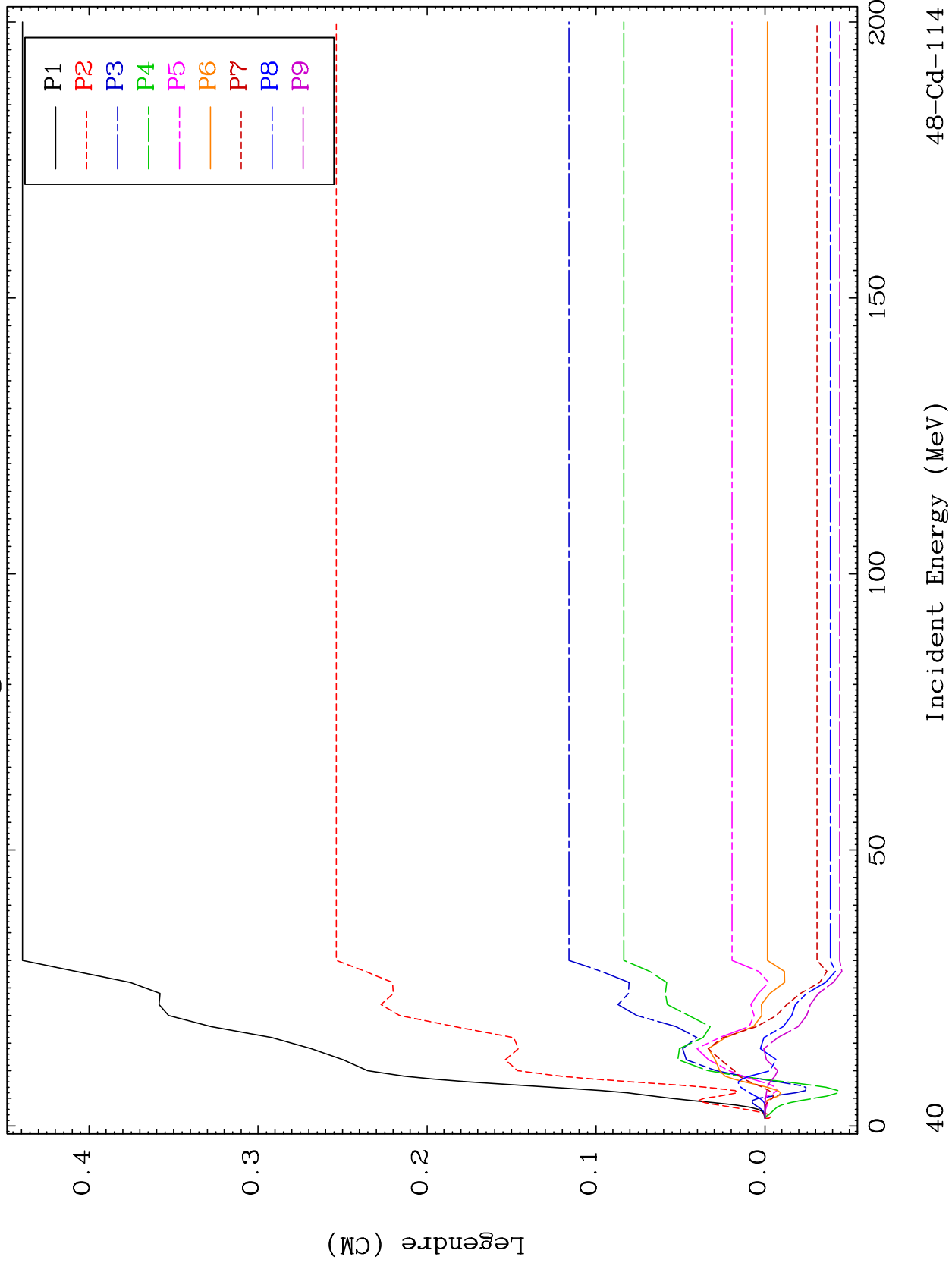




MAT 4849

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

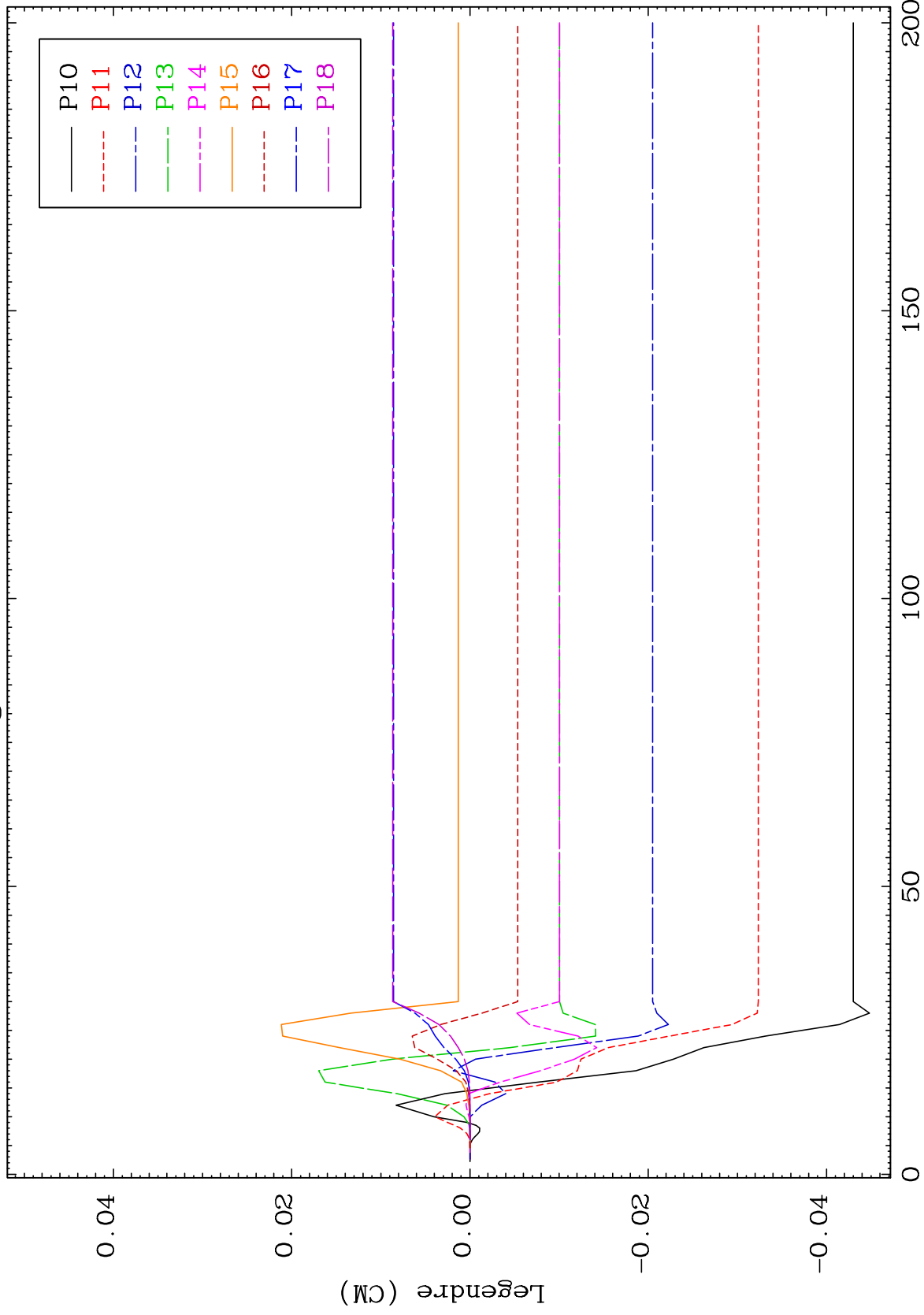
48-Cd-114



MAT 4849

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

48-Cd-114



41

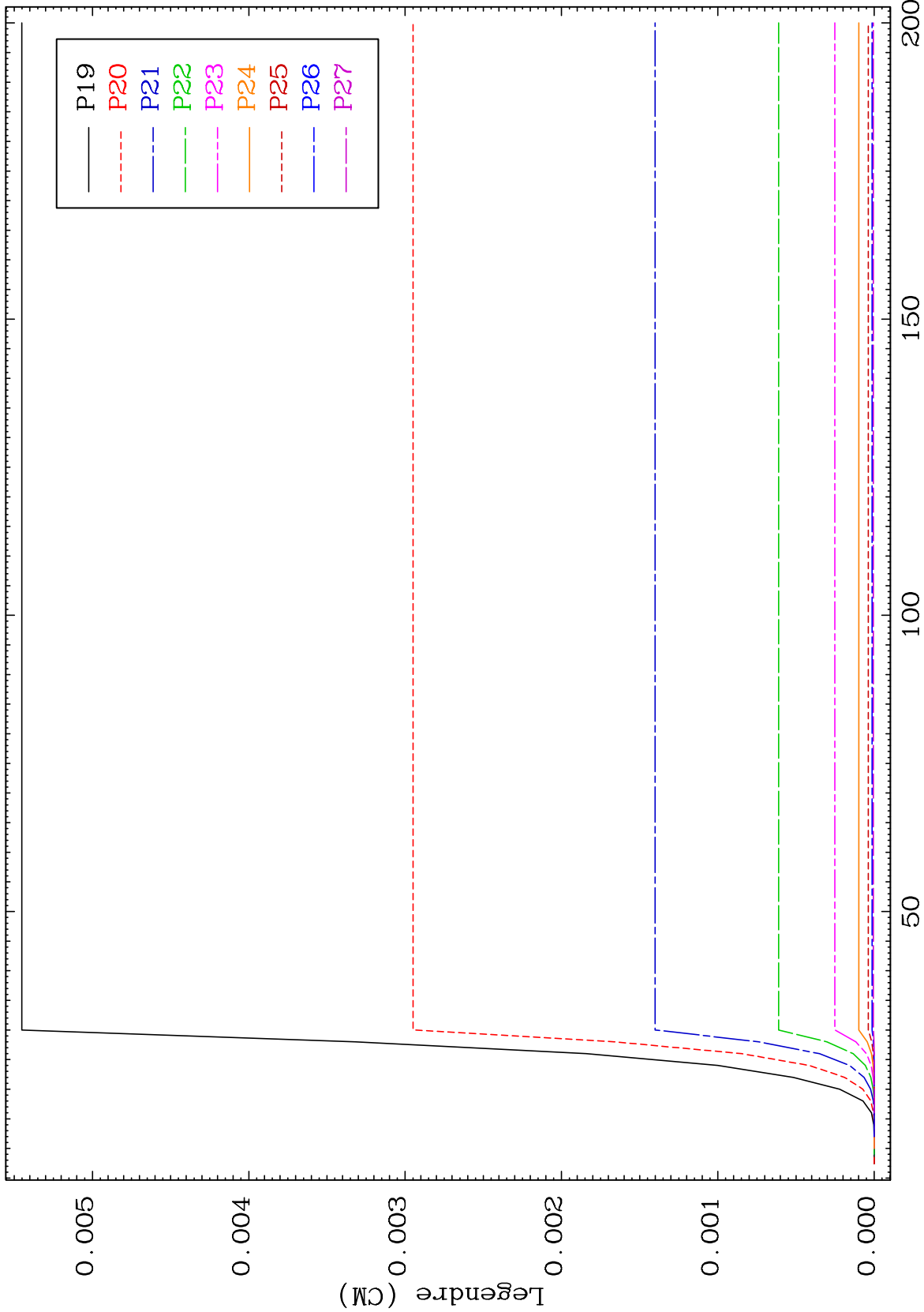
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



42

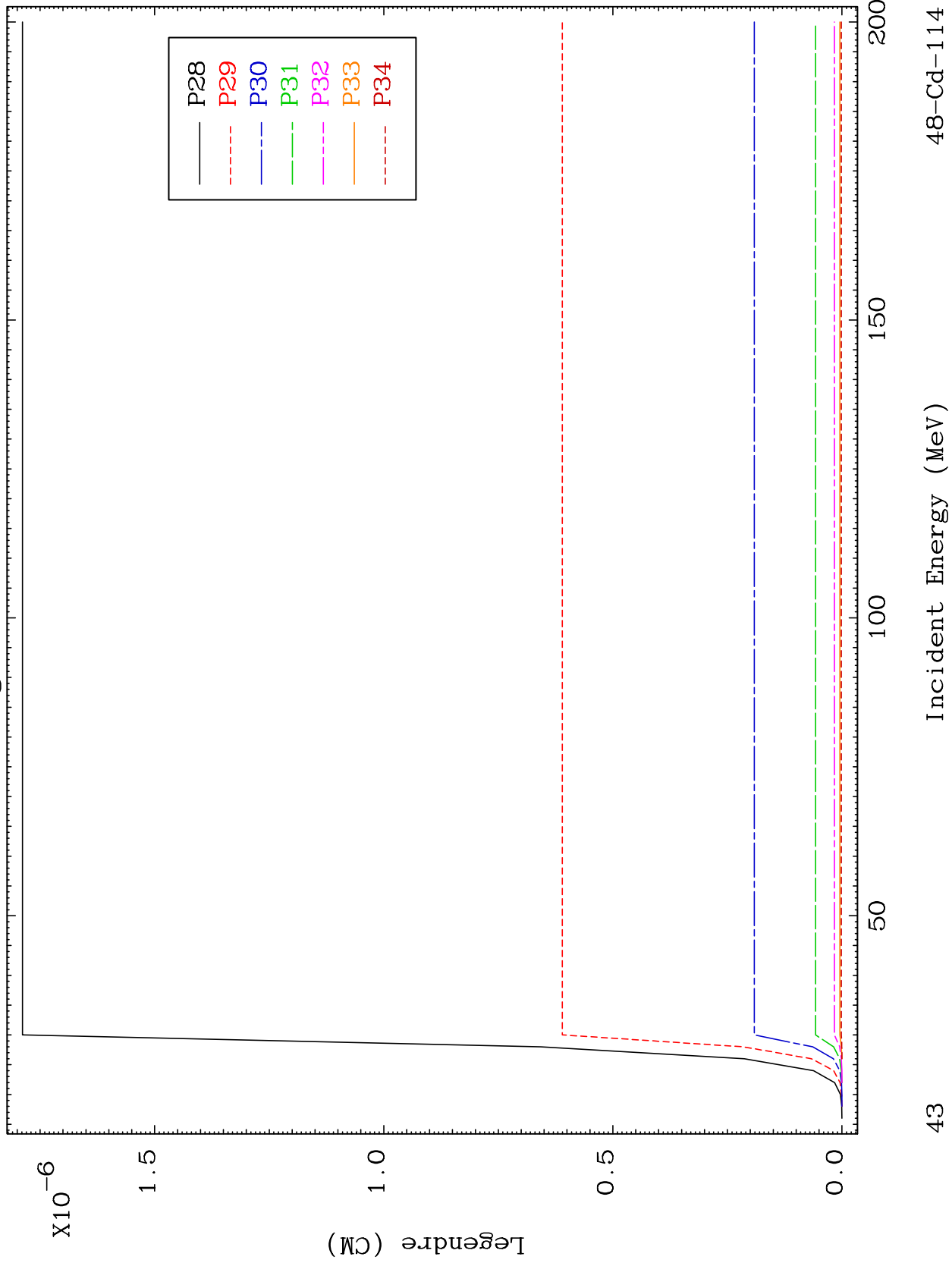
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

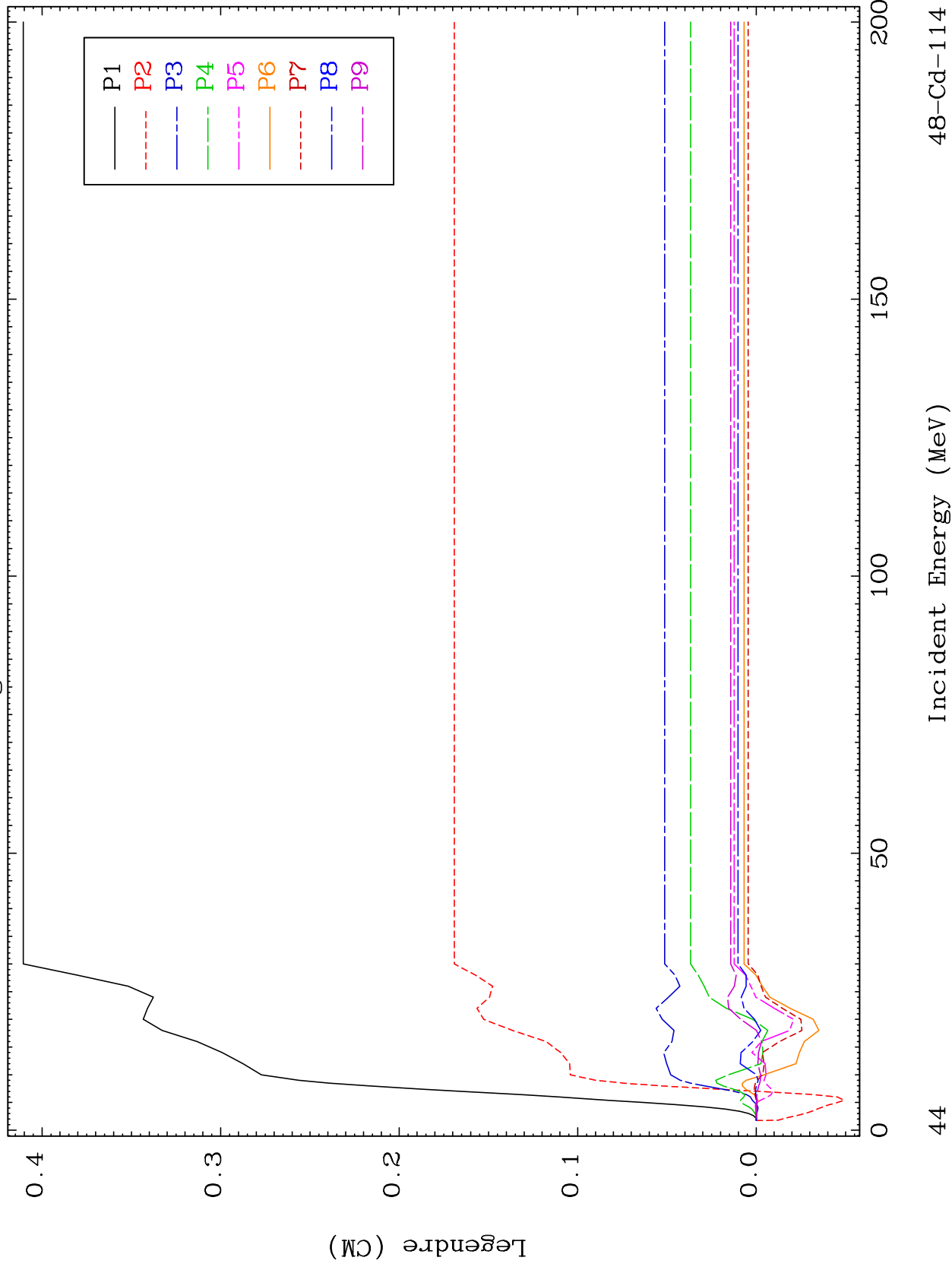
48-Cd-114



MAT 4849

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

48-Cd-114



48-Cd-114

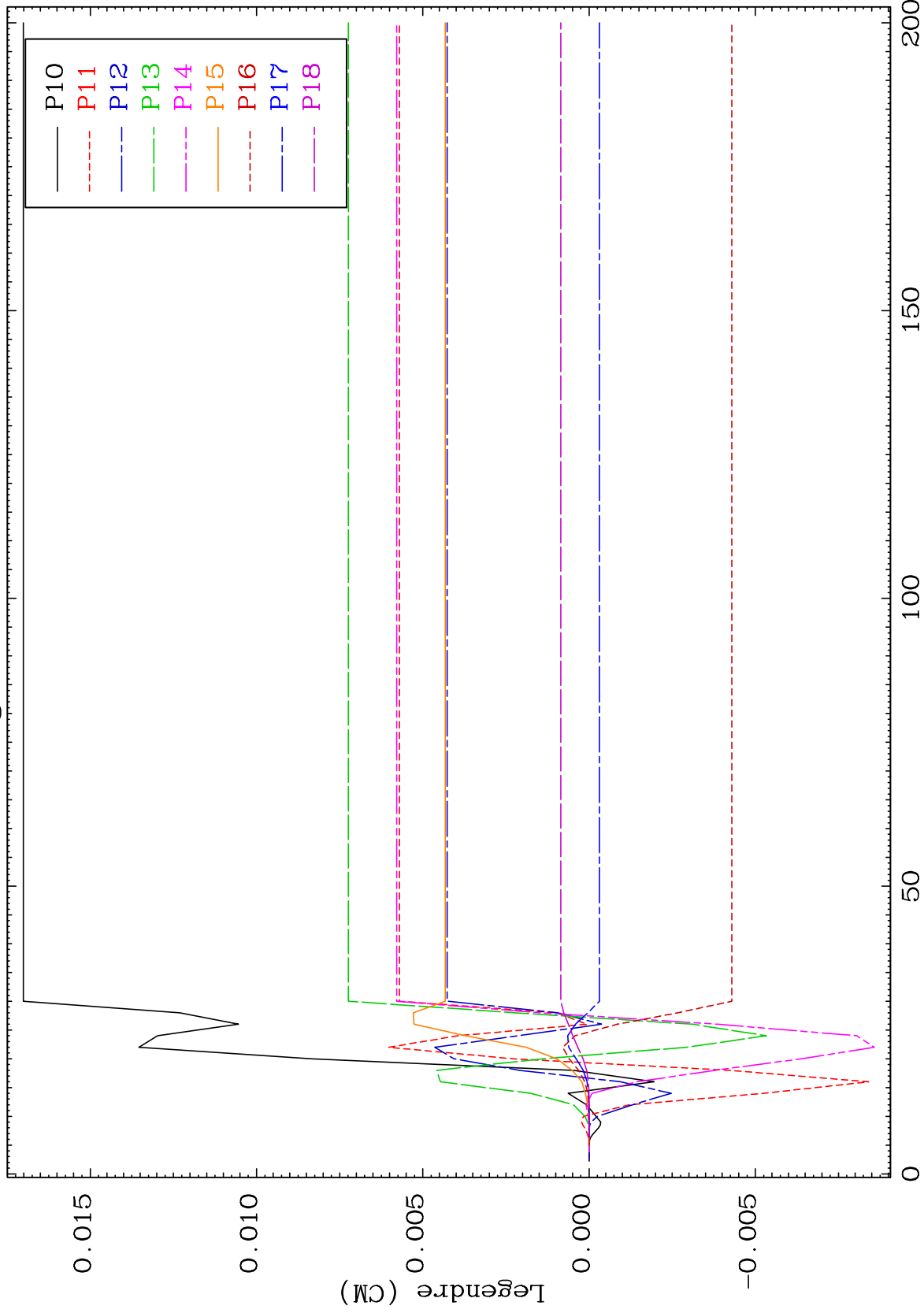
Incident Energy (MeV)

44

MAT 4849

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

48-Cd-114



45

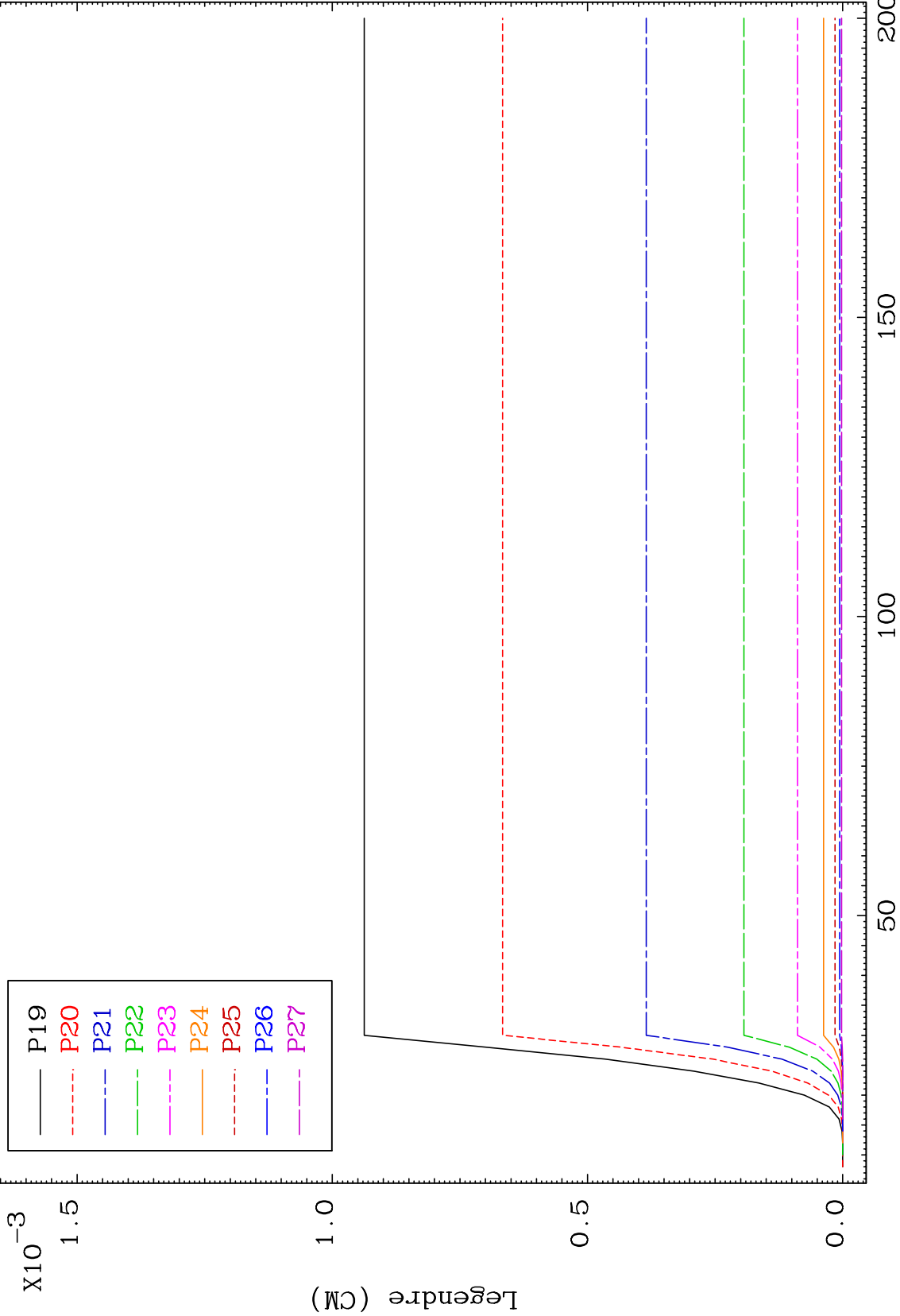
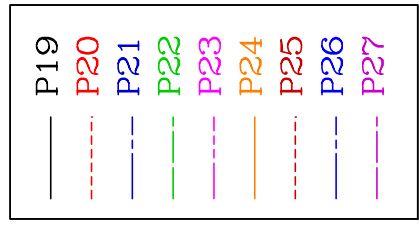
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



46

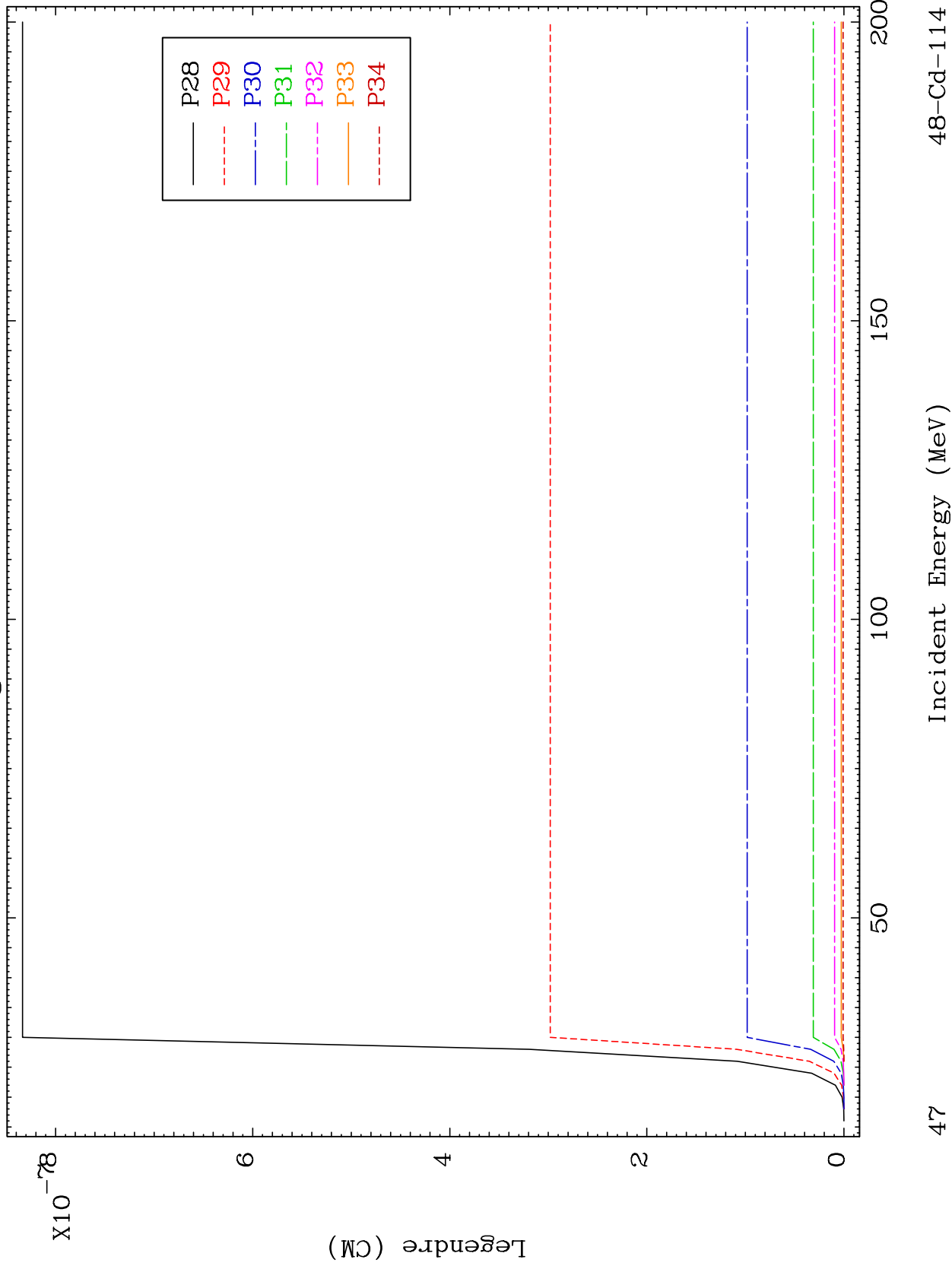
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



47

Incident Energy (MeV)

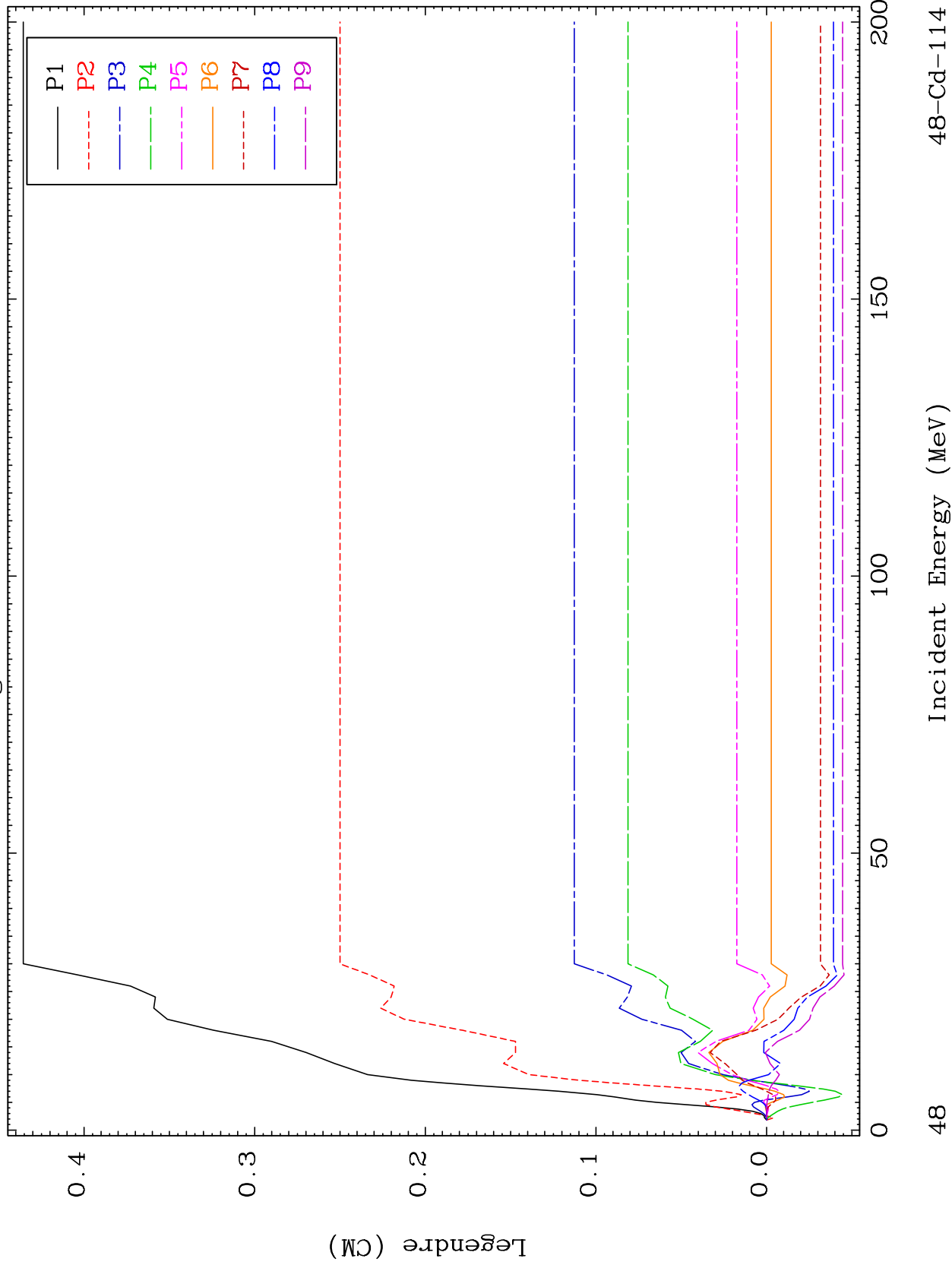
48-Cd-114



MAT 4849

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

48-Cd-114



48

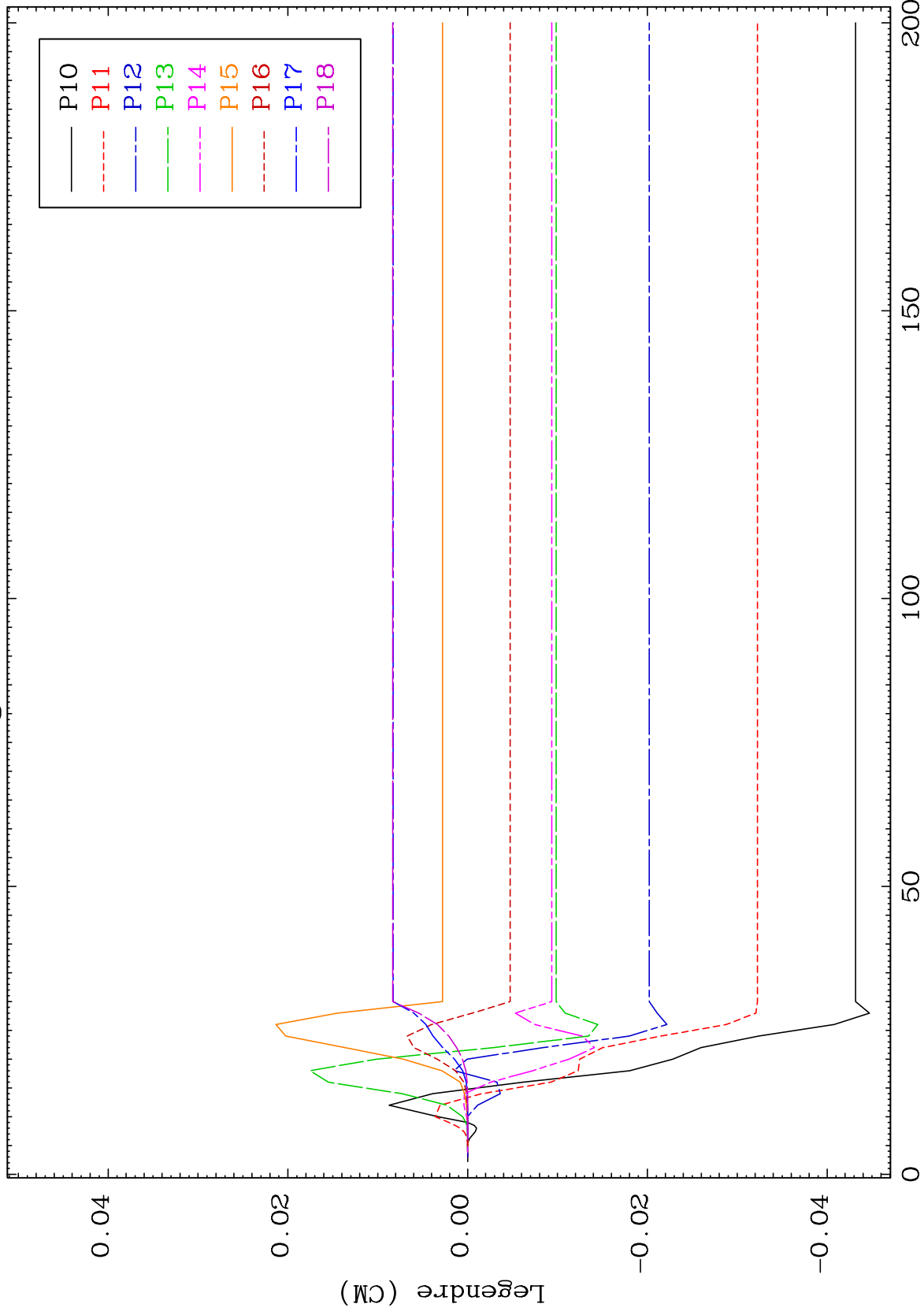
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



49

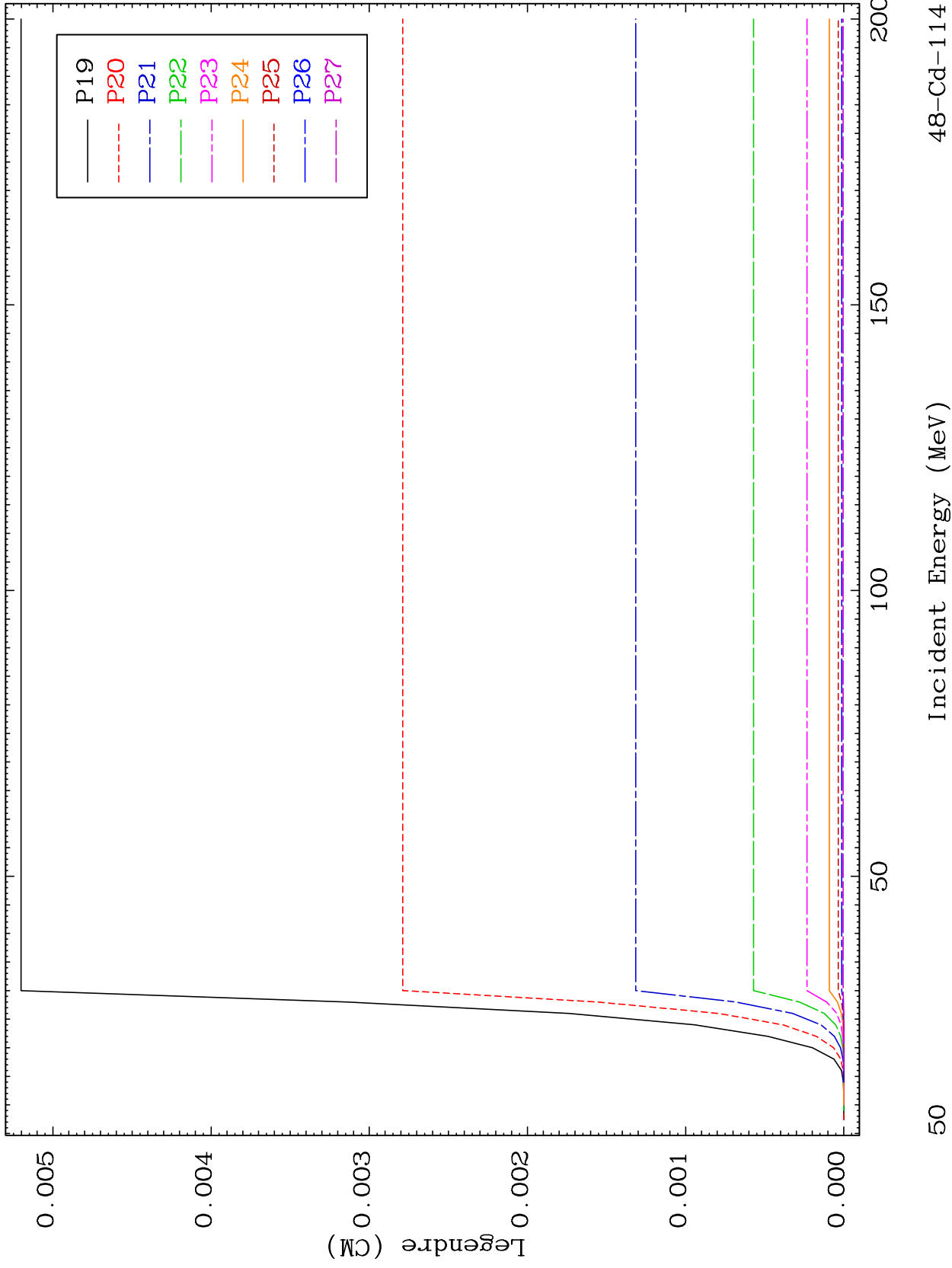
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



50

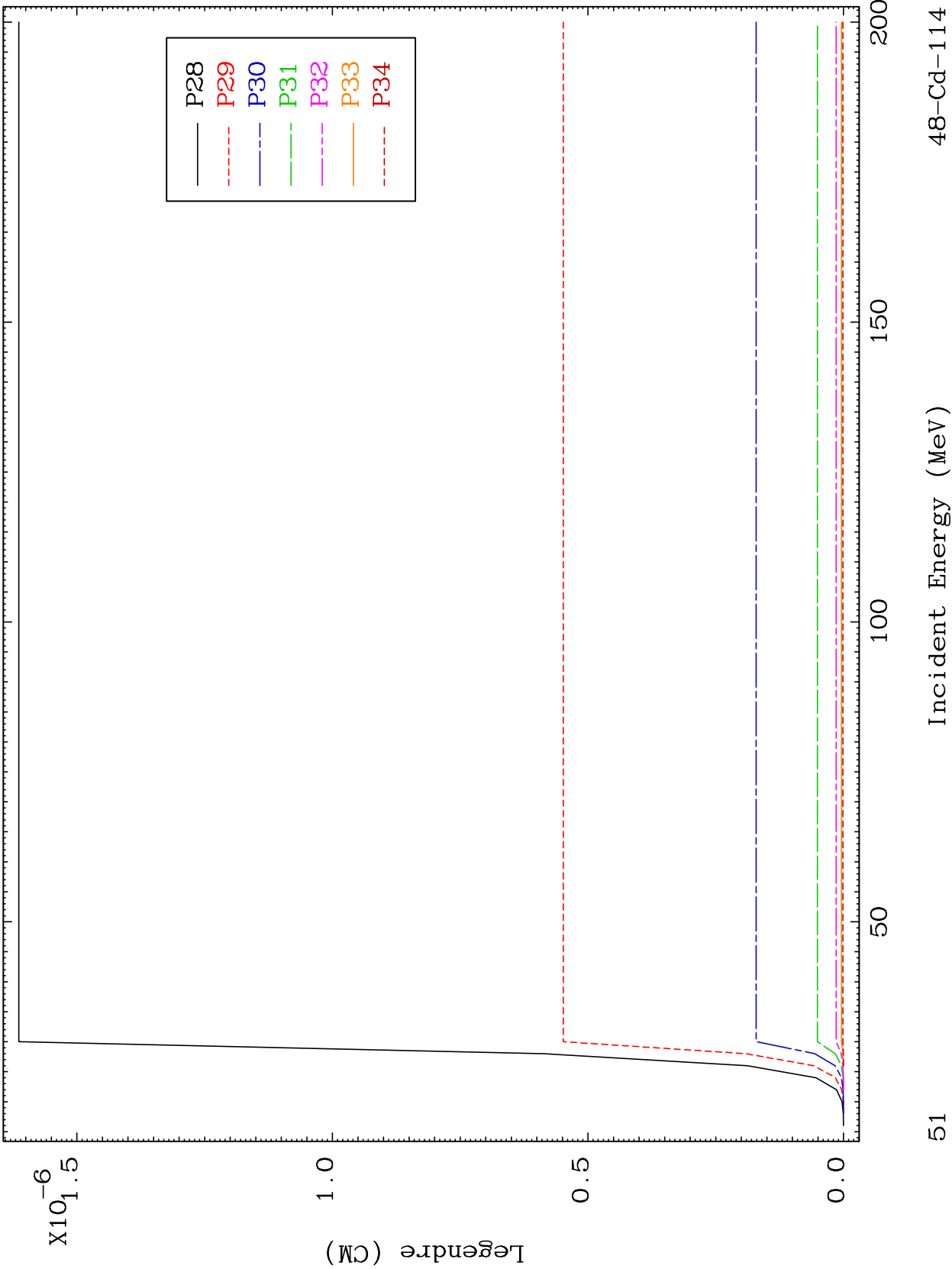
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



51

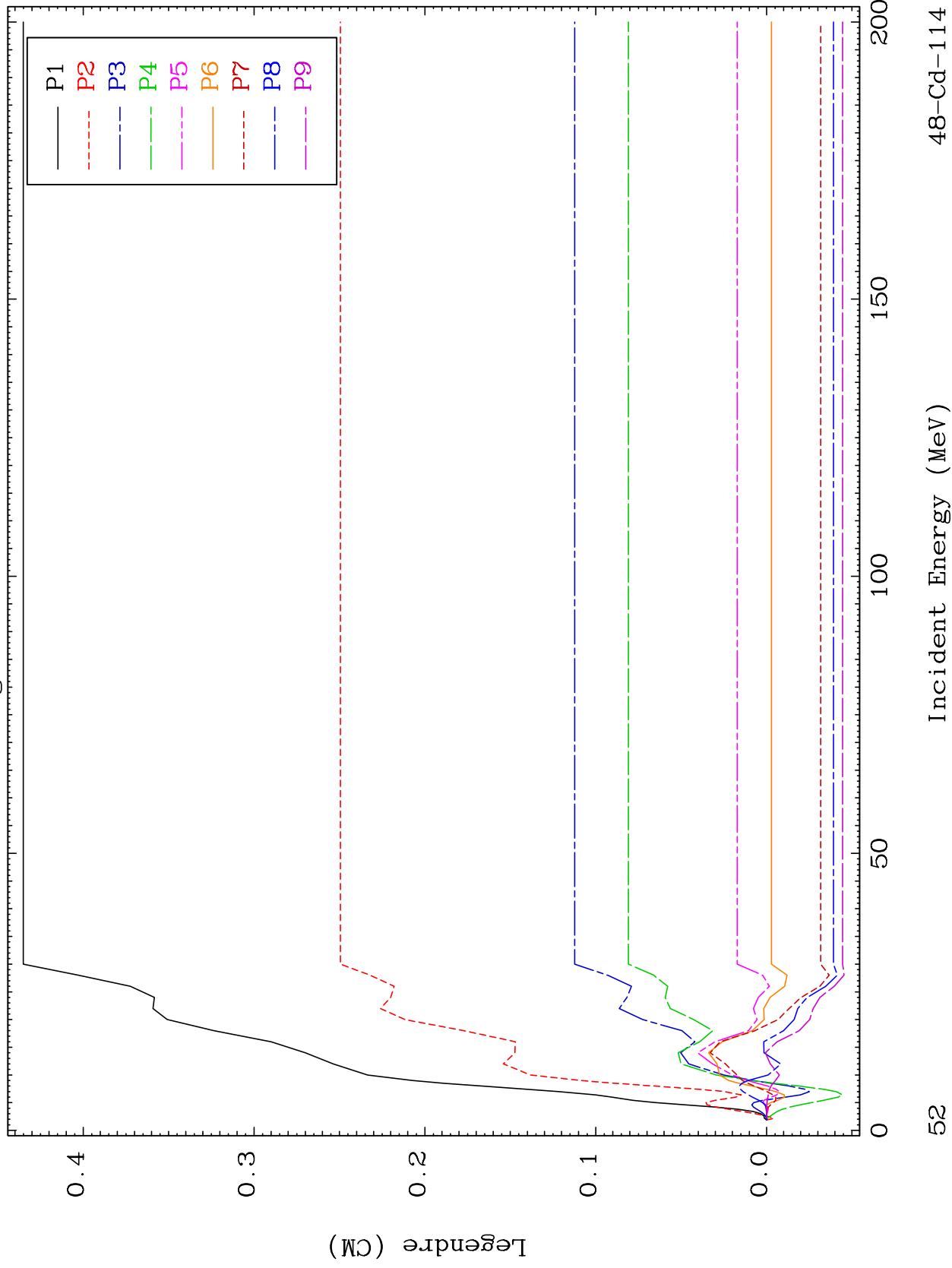
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



48-Cd-114

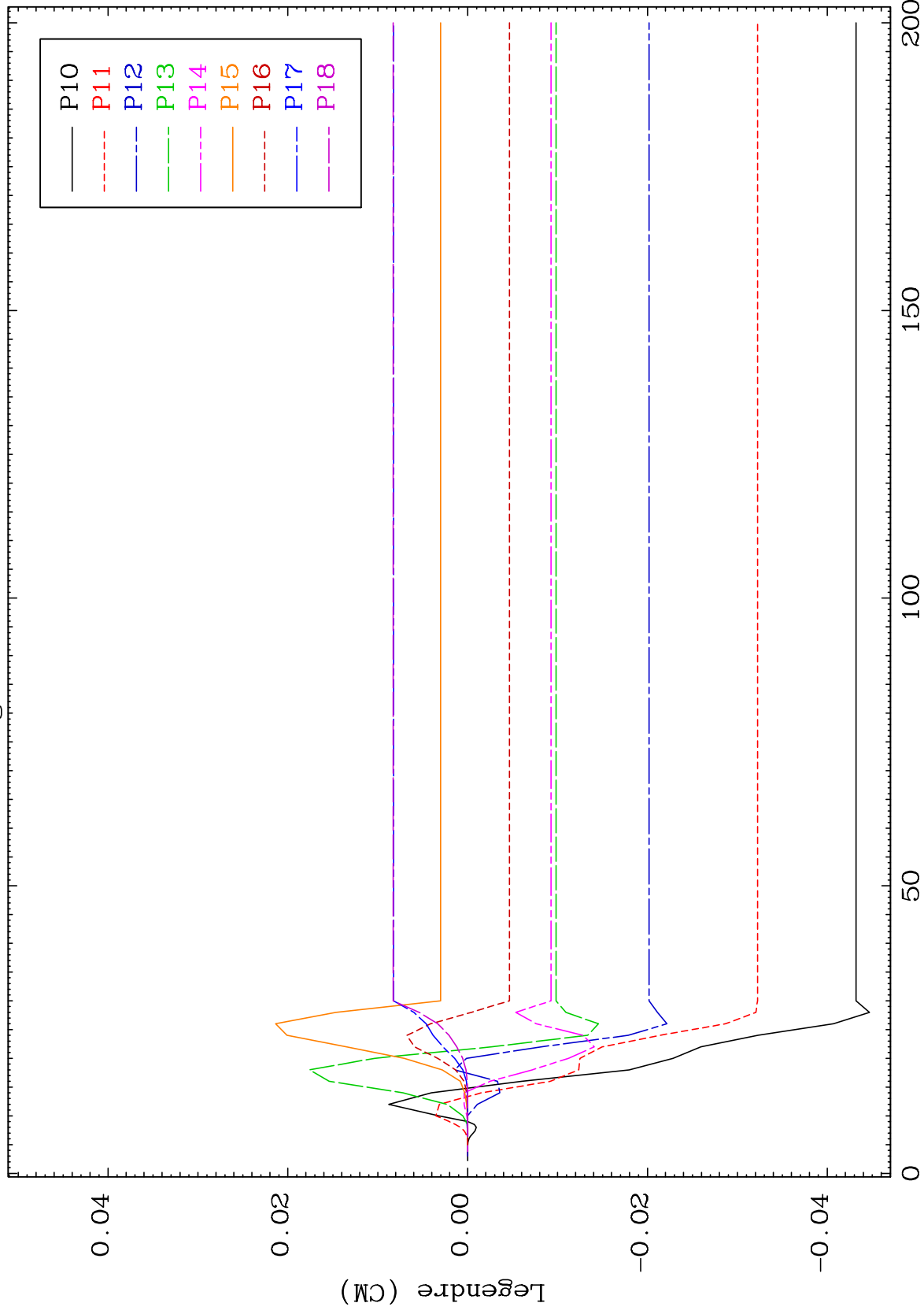
Incident Energy (MeV)

52

MAT 4849

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

48-Cd-114



53

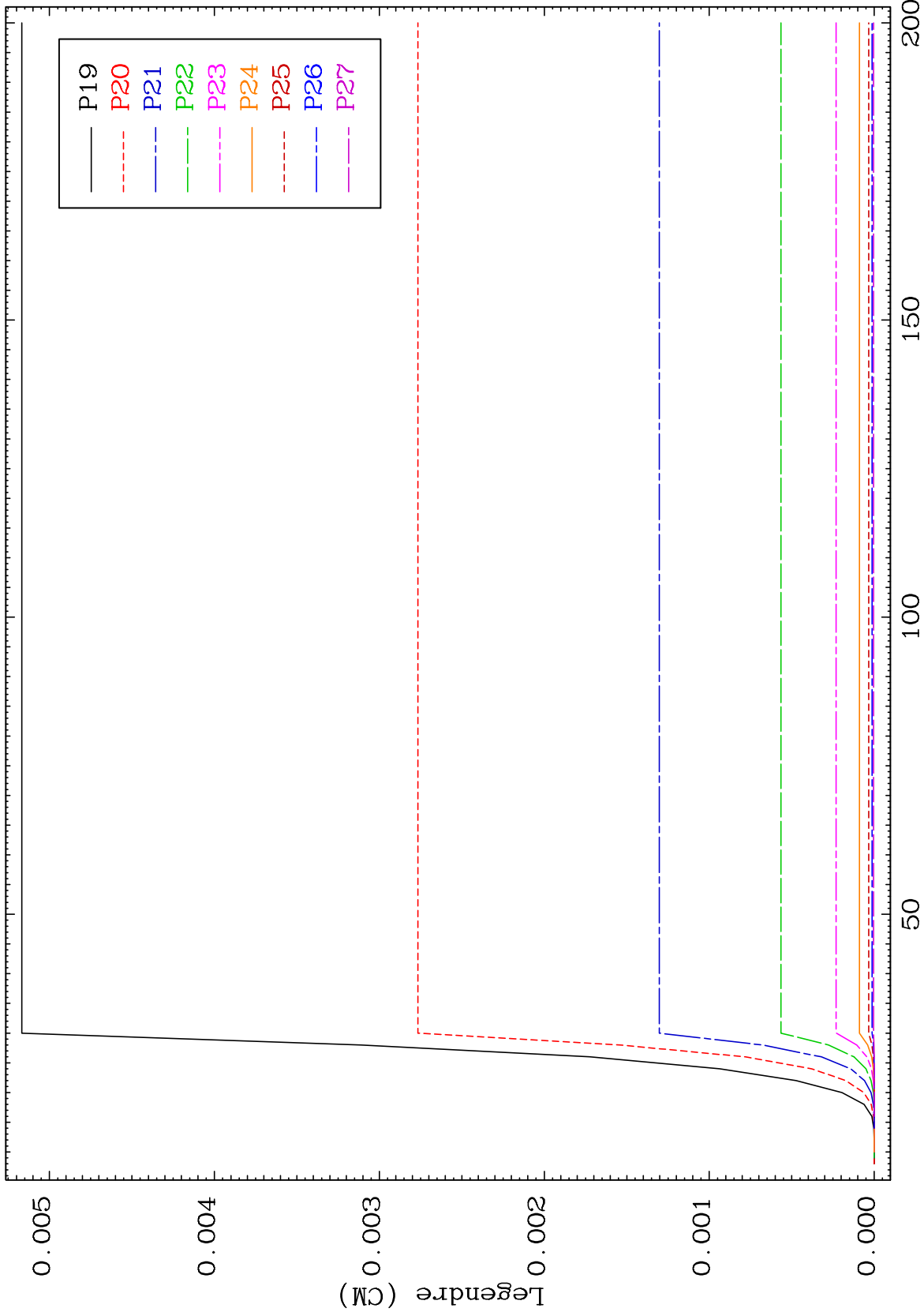
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



54

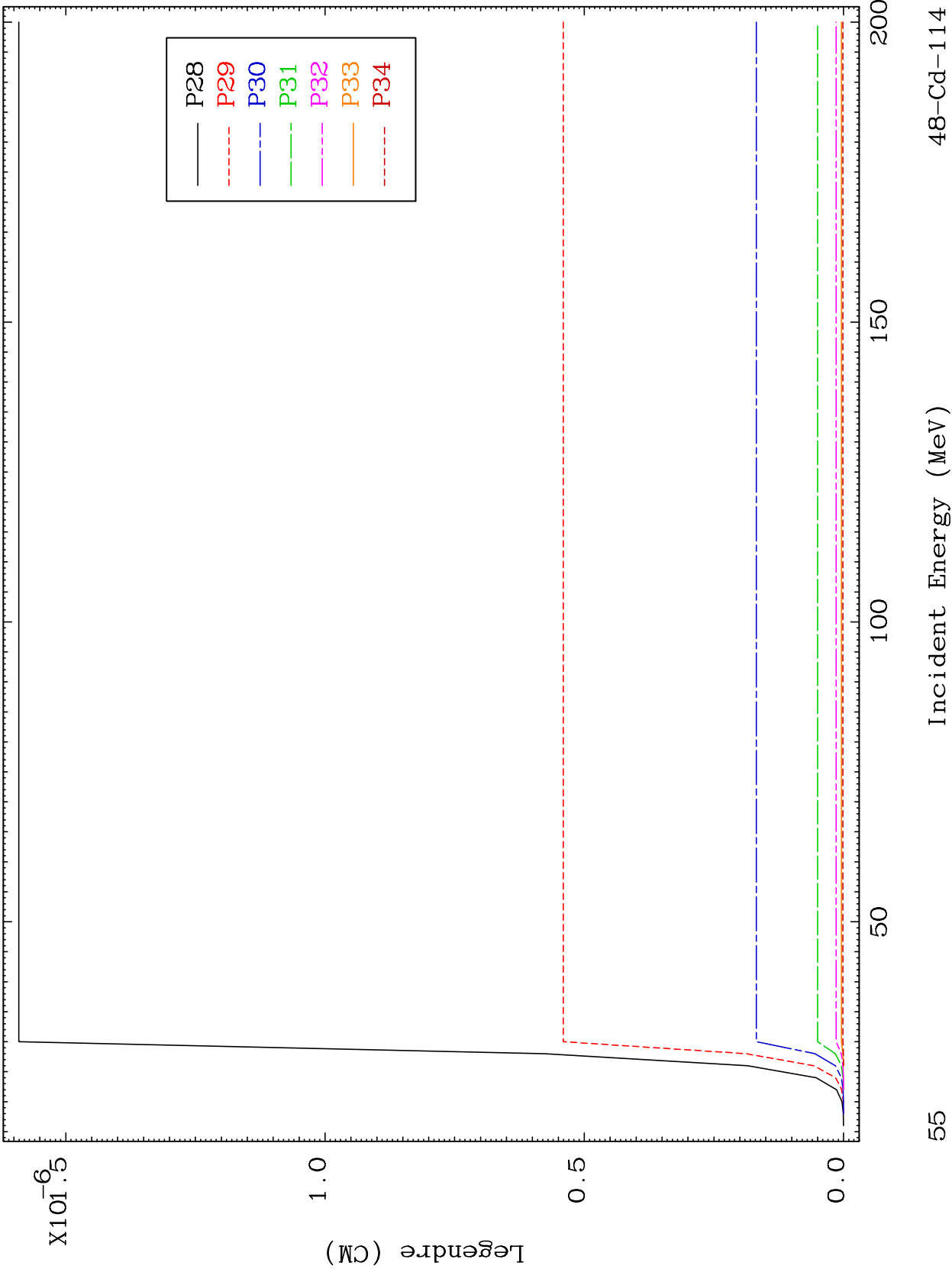
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

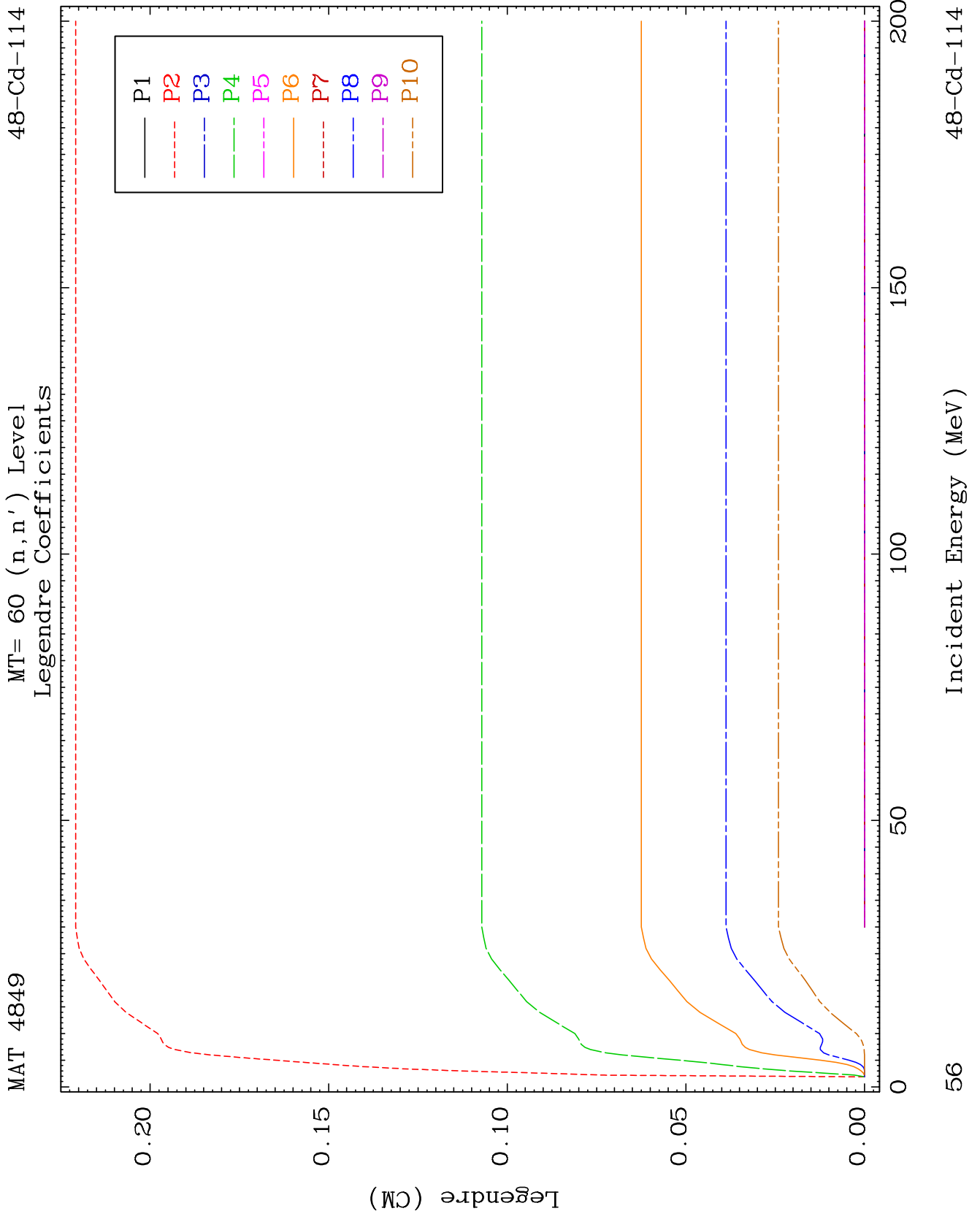


55

Incident Energy (MeV)

48-Cd-114

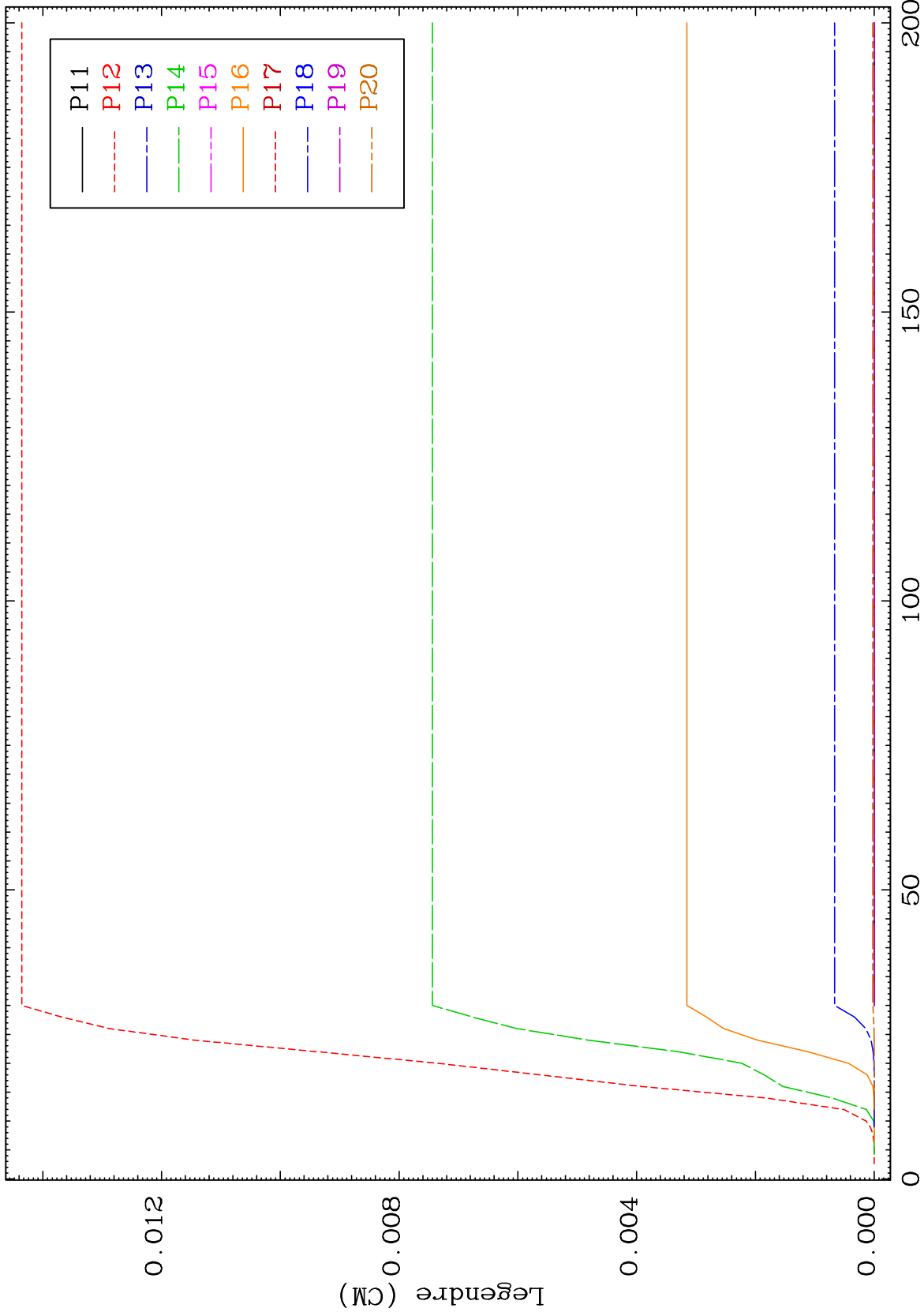




MAT 4849

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

48-Cd-114



57

Incident Energy (MeV)

48-Cd-114

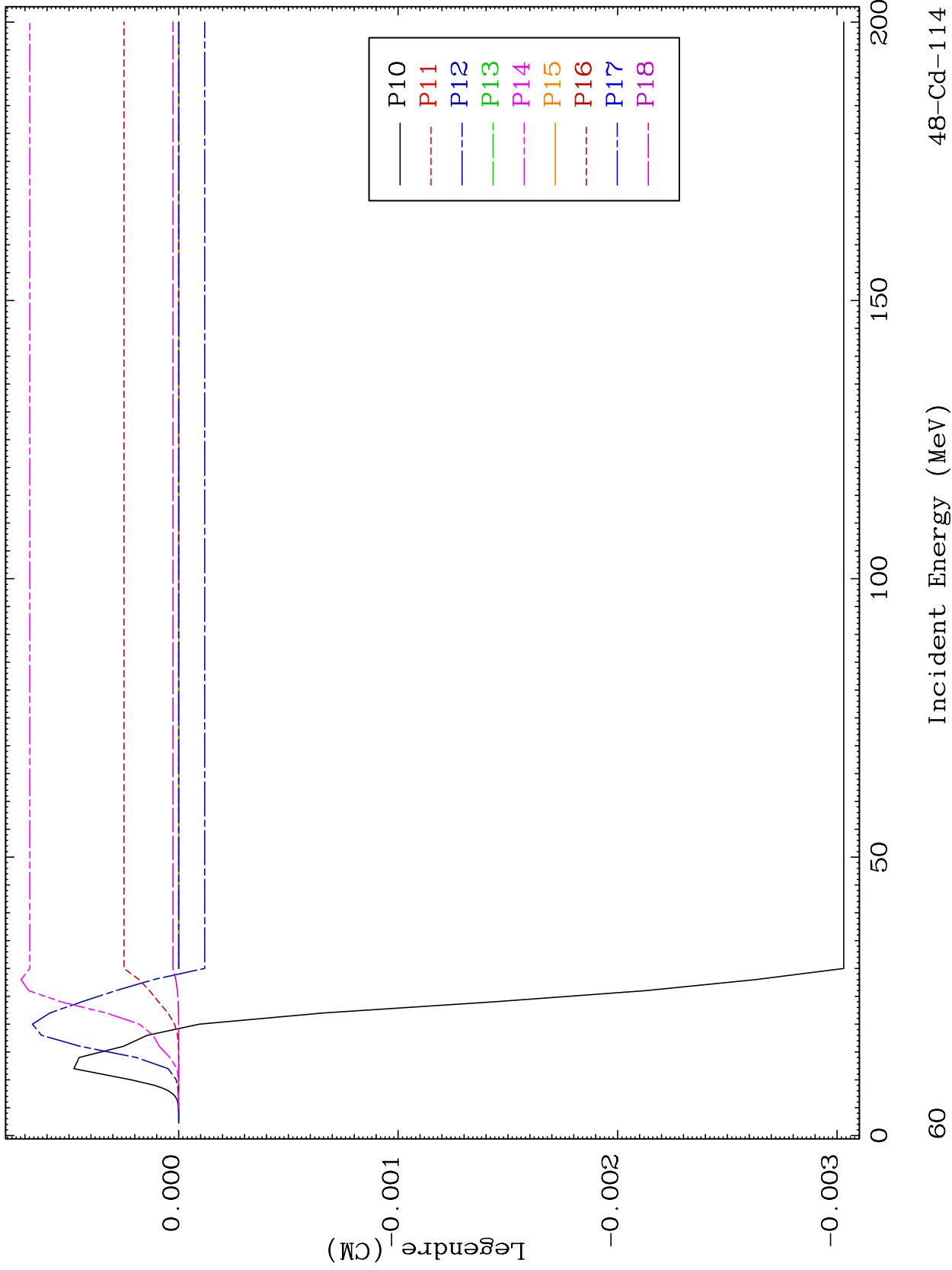




MAT 4849

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

48-Cd-114



48-Cd-114

Incident Energy (MeV)

60

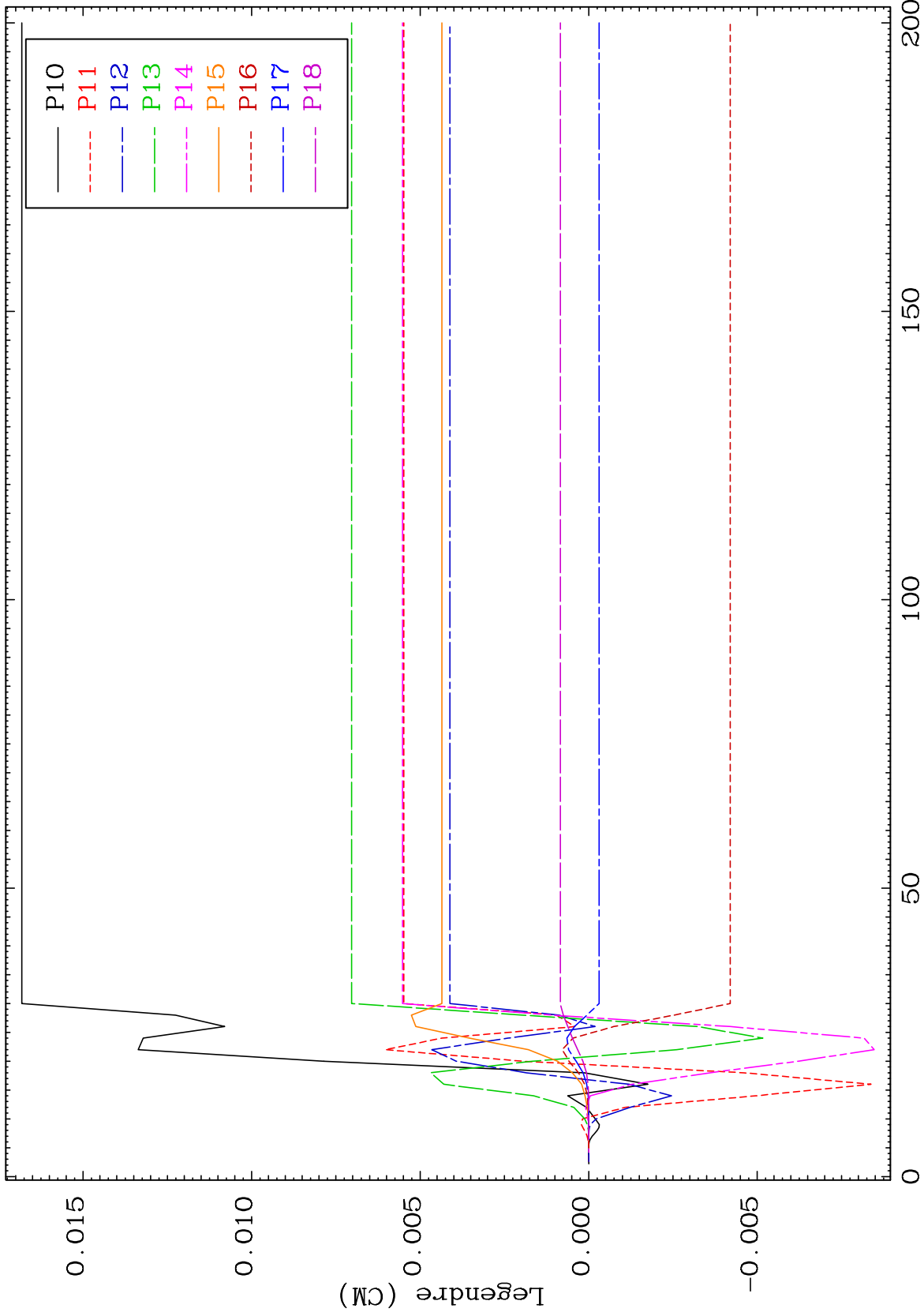




MAT 4849

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

48-Cd-114



63

Incident Energy (MeV)

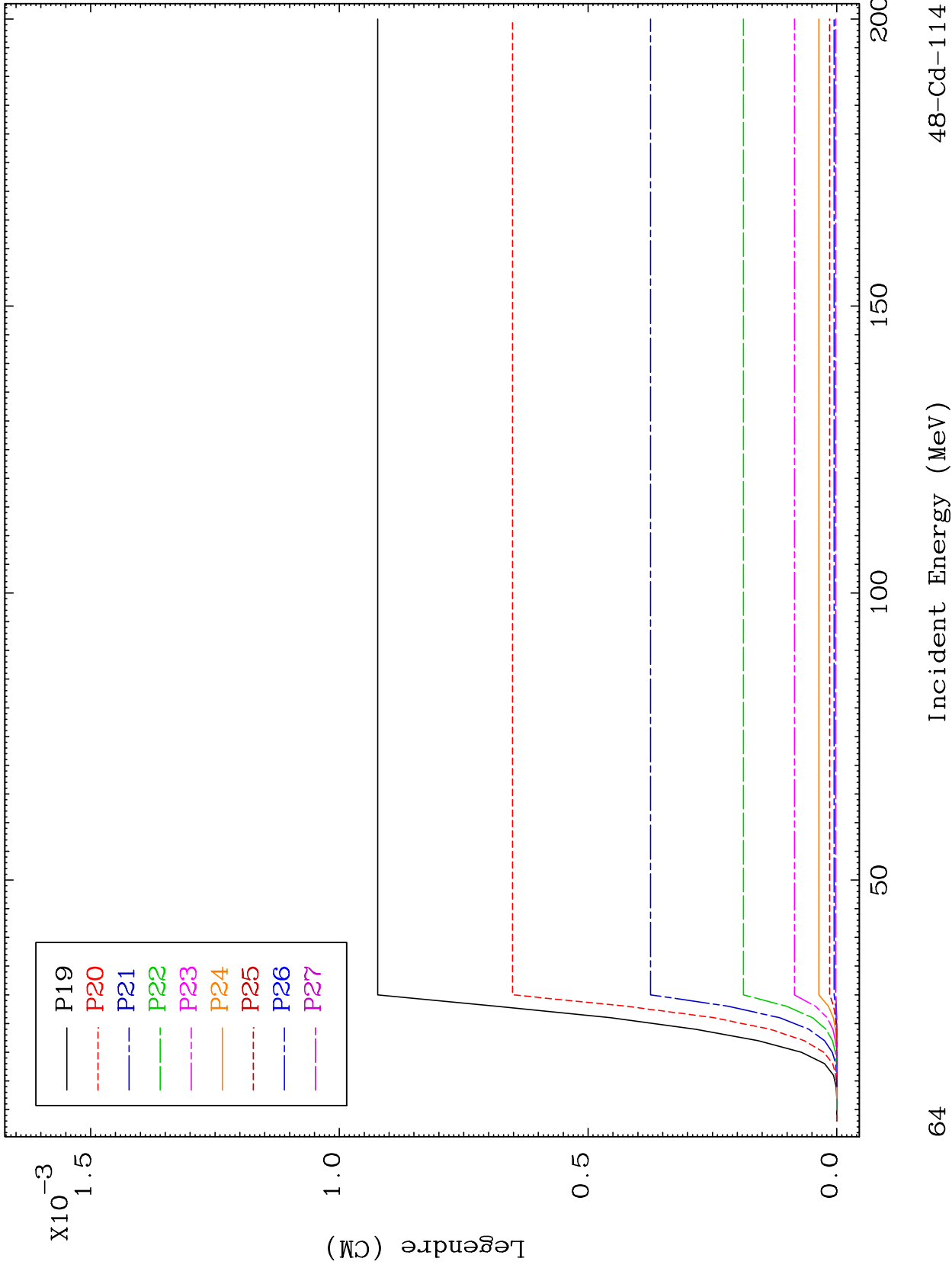
48-Cd-114



MAT 4849

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

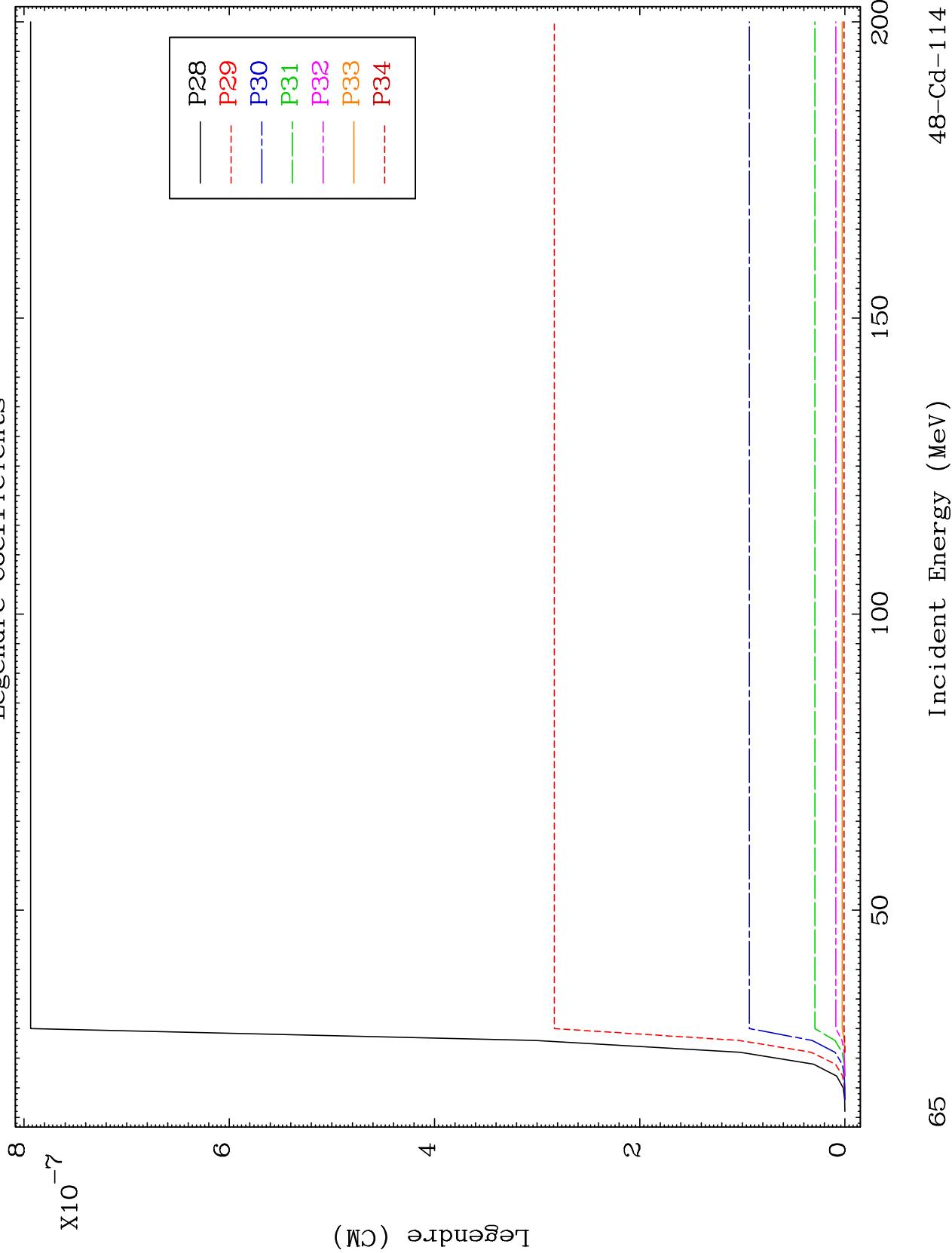
48-Cd-114



MAT 4849

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

48-Cd-114



65

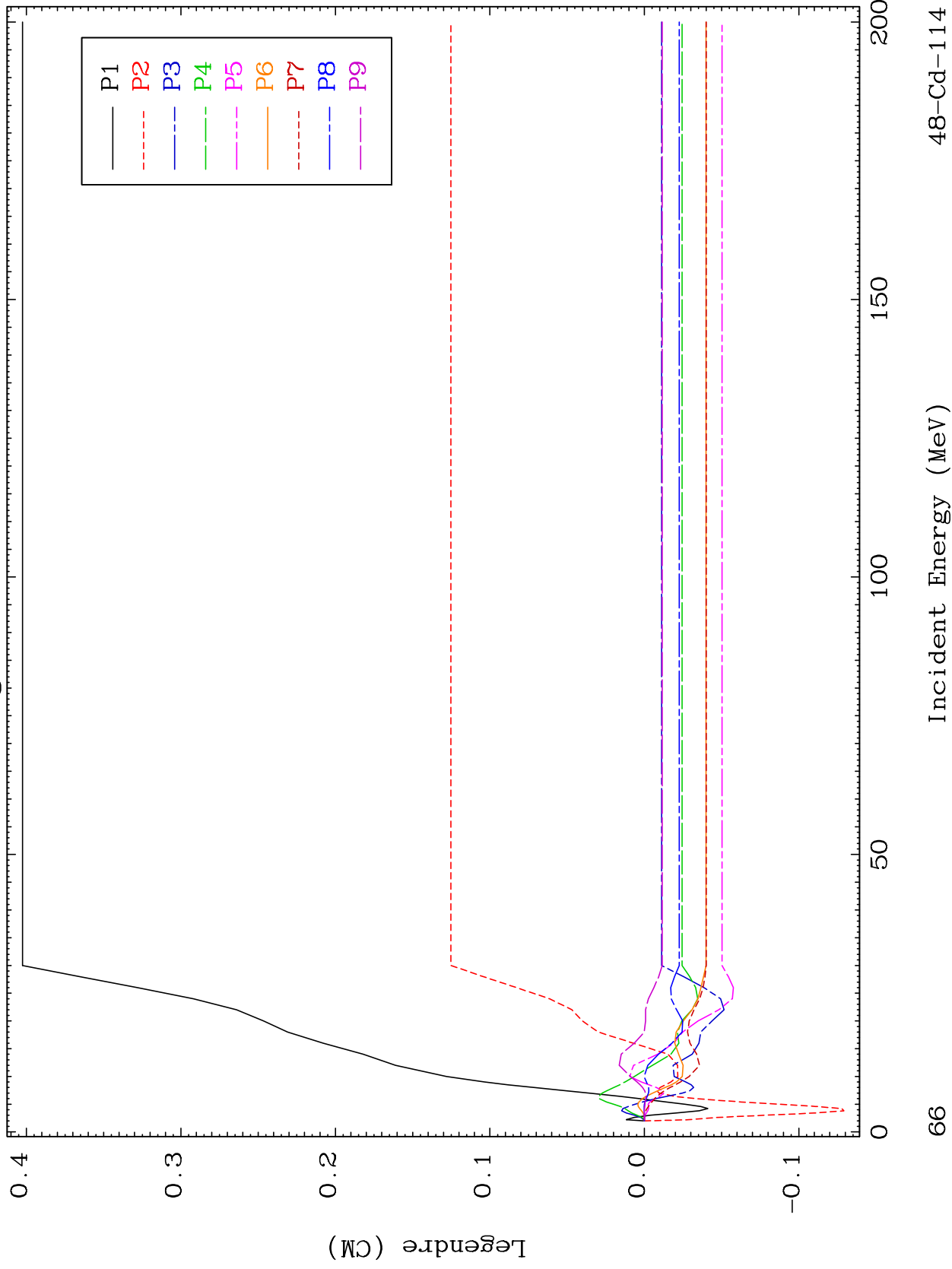
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

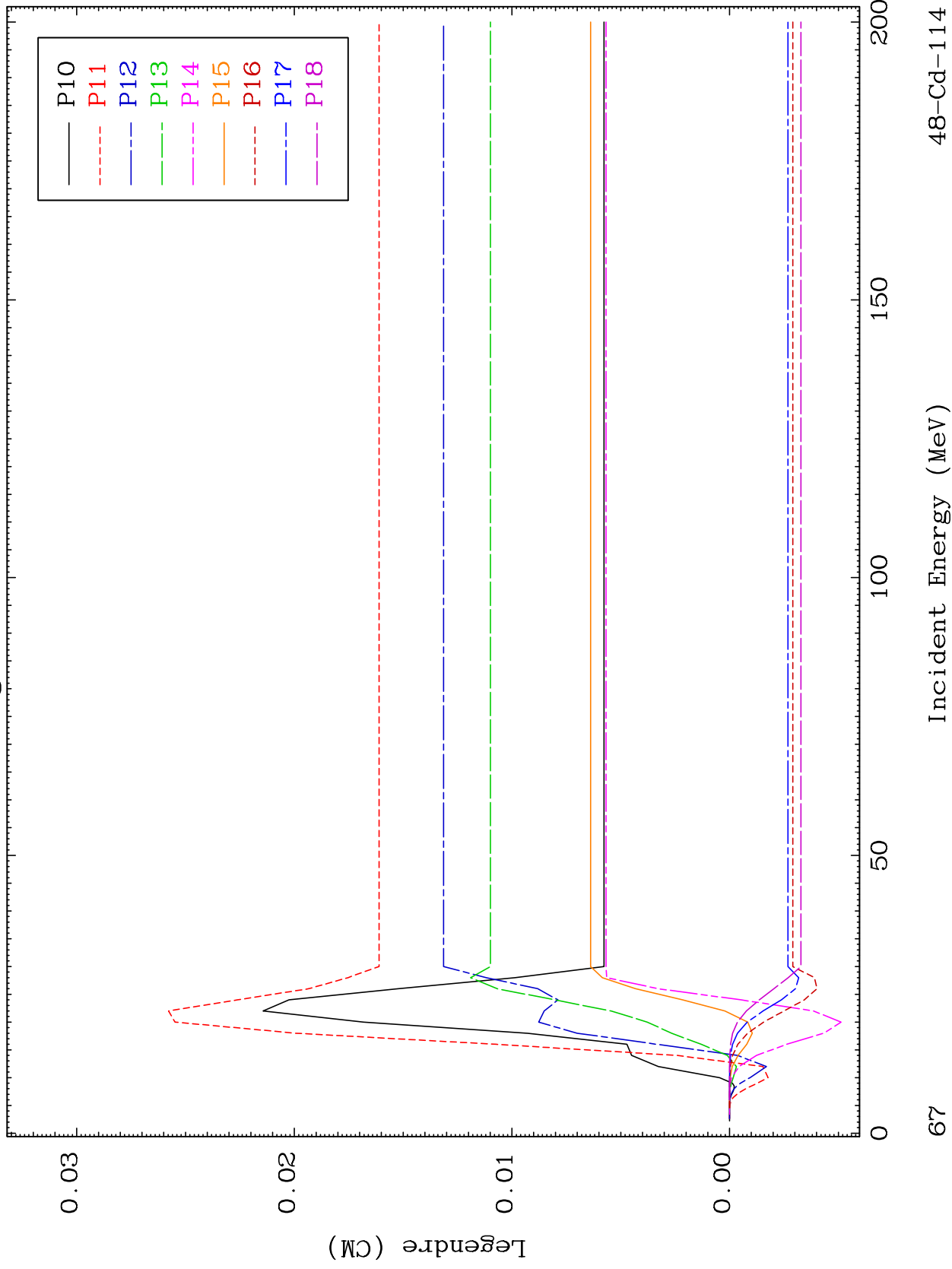
48-Cd-114



MAT 4849

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

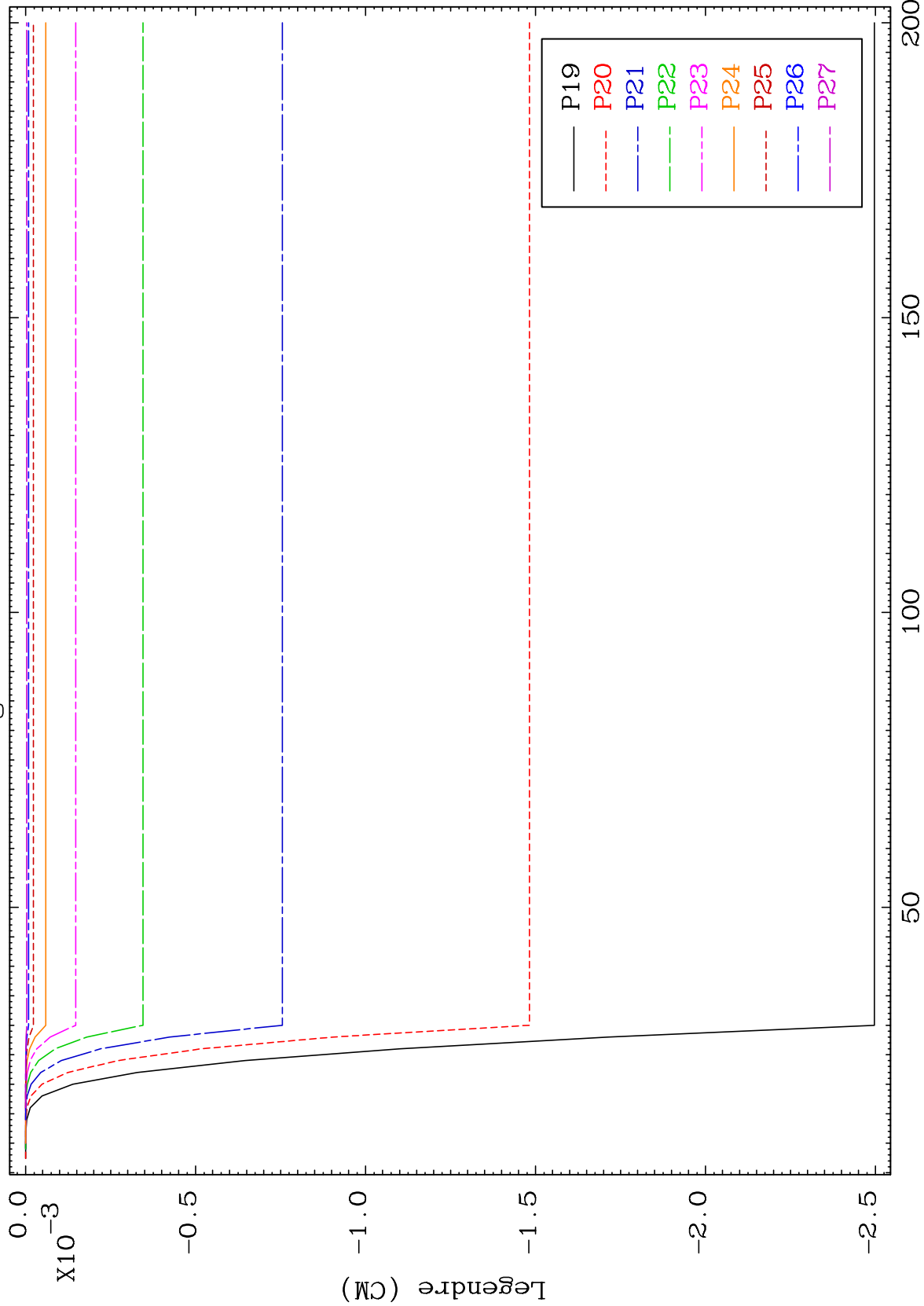
48-Cd-114



MAT 4849

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

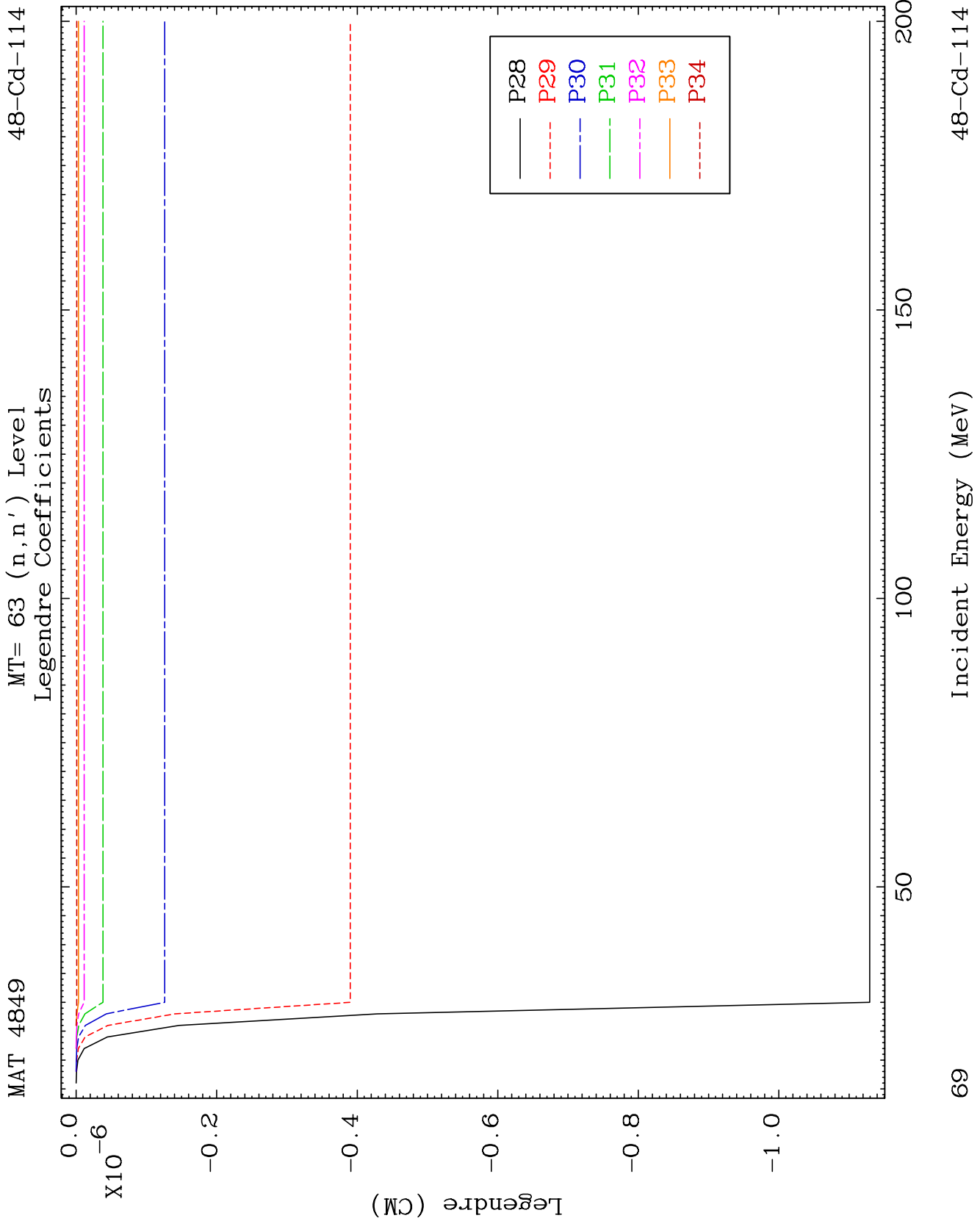
48-Cd-114



68

Incident Energy (MeV)

48-Cd-114

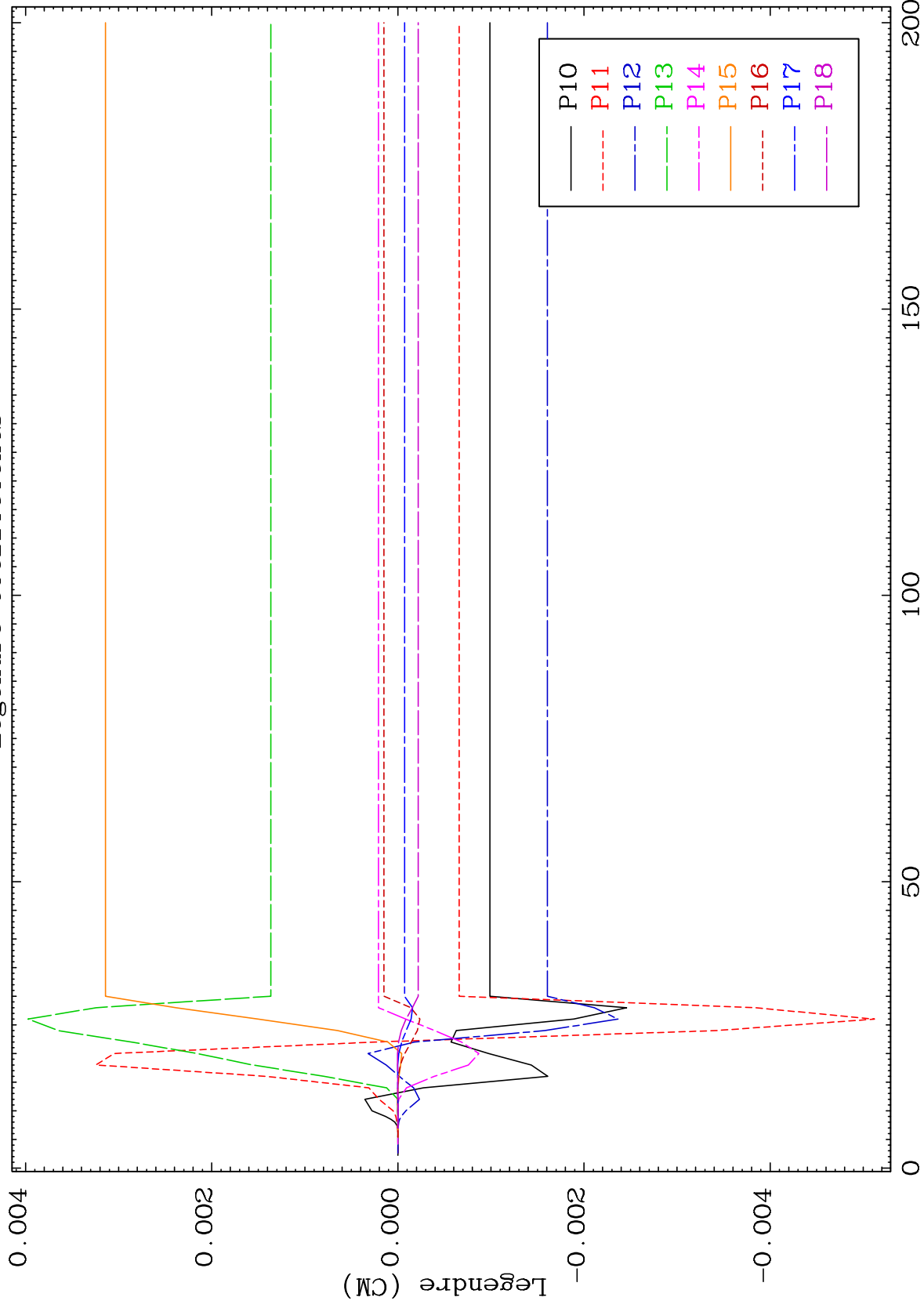




MAT 4849

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

48-Cd-114



71

Incident Energy (MeV)

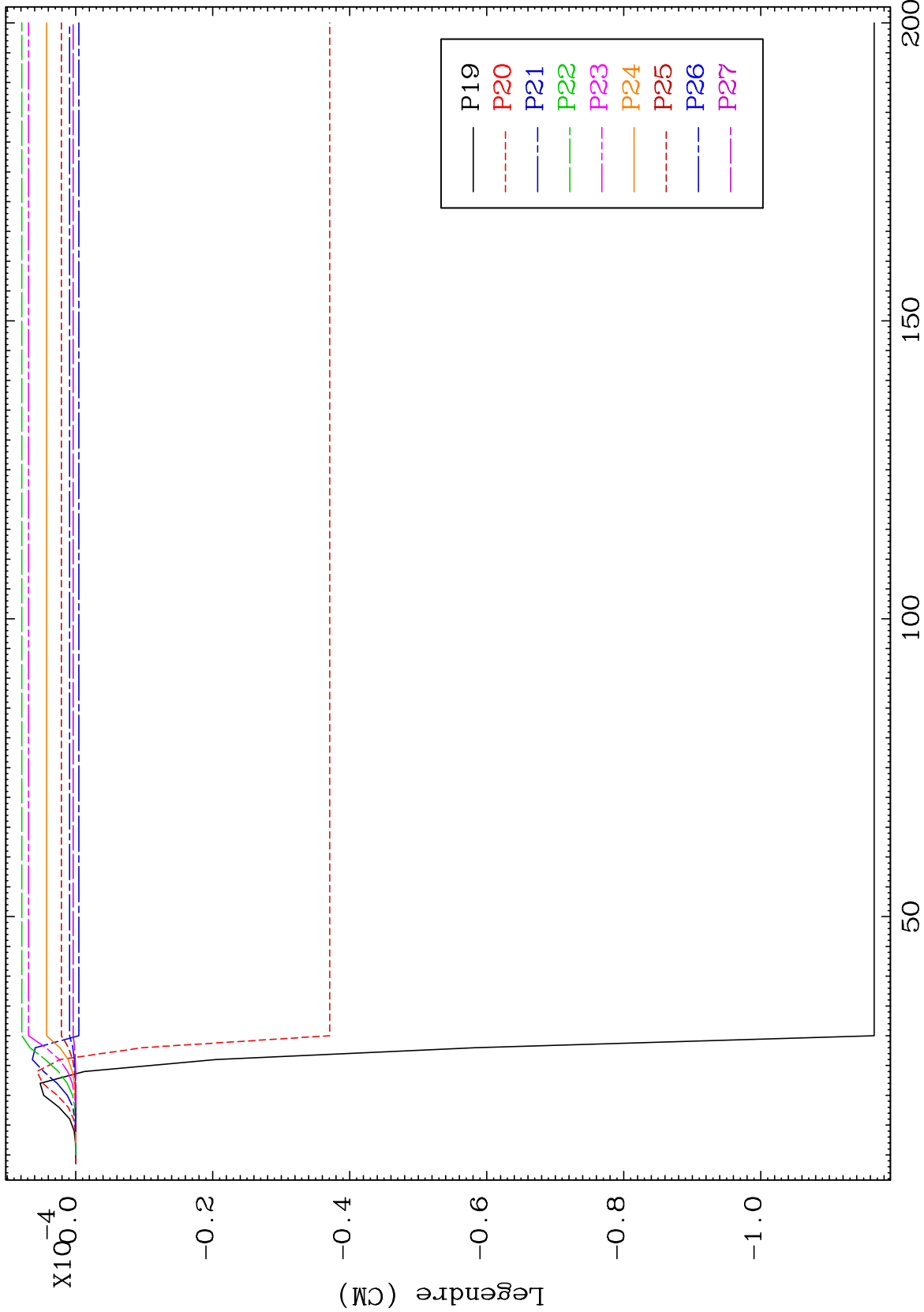
48-Cd-114



MAT 4849

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

48-Cd-114



72

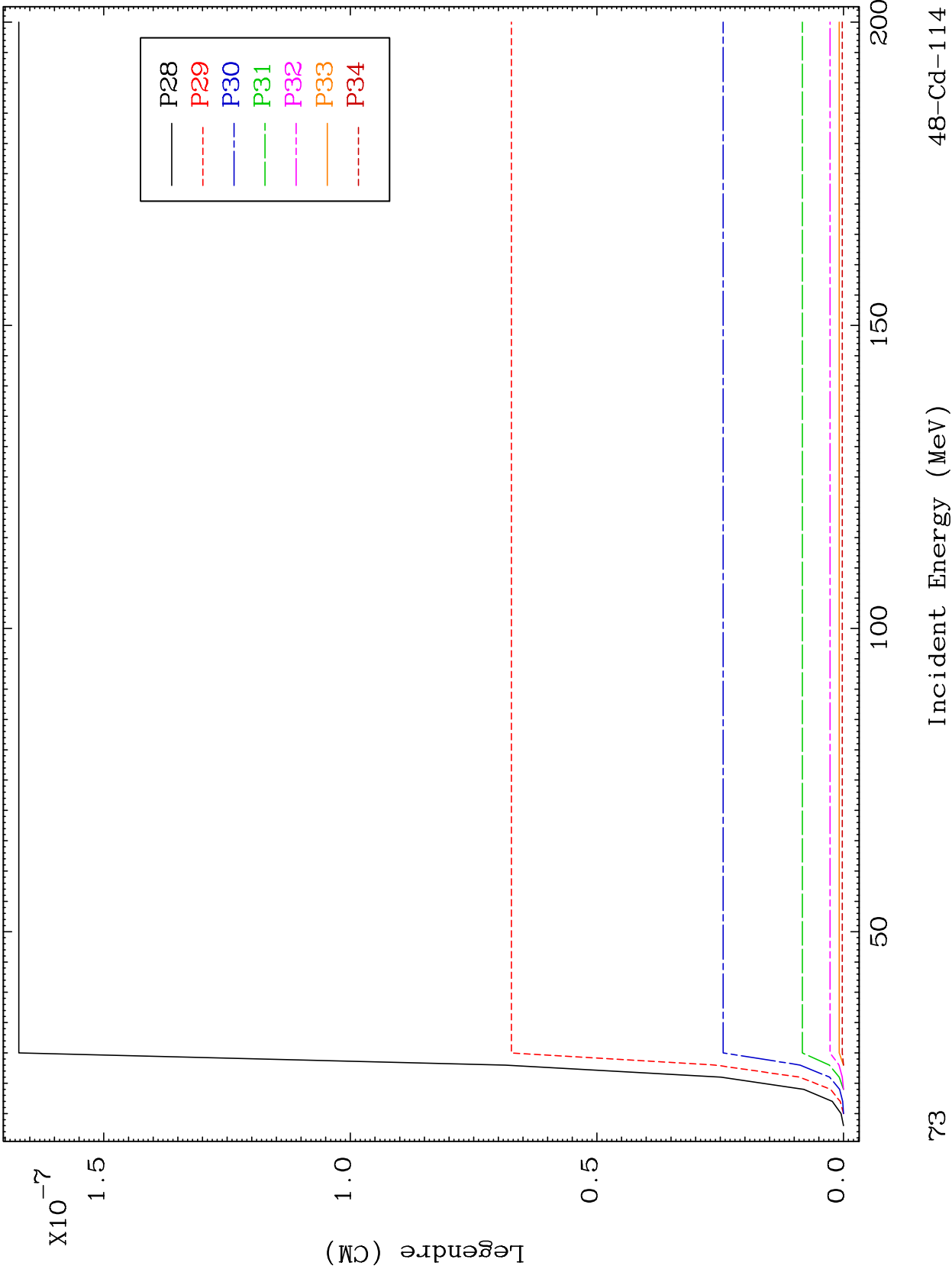
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



73

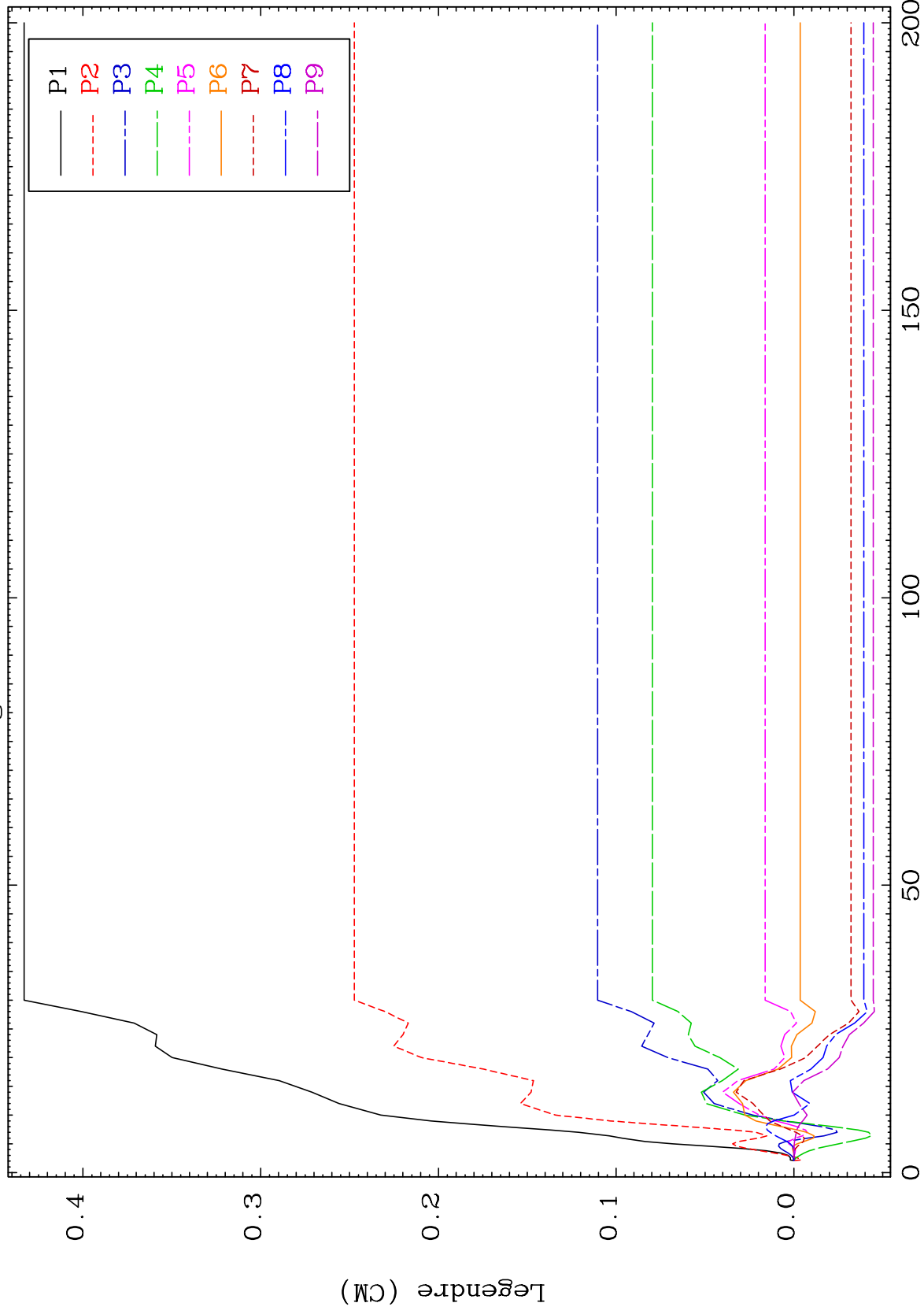
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



74

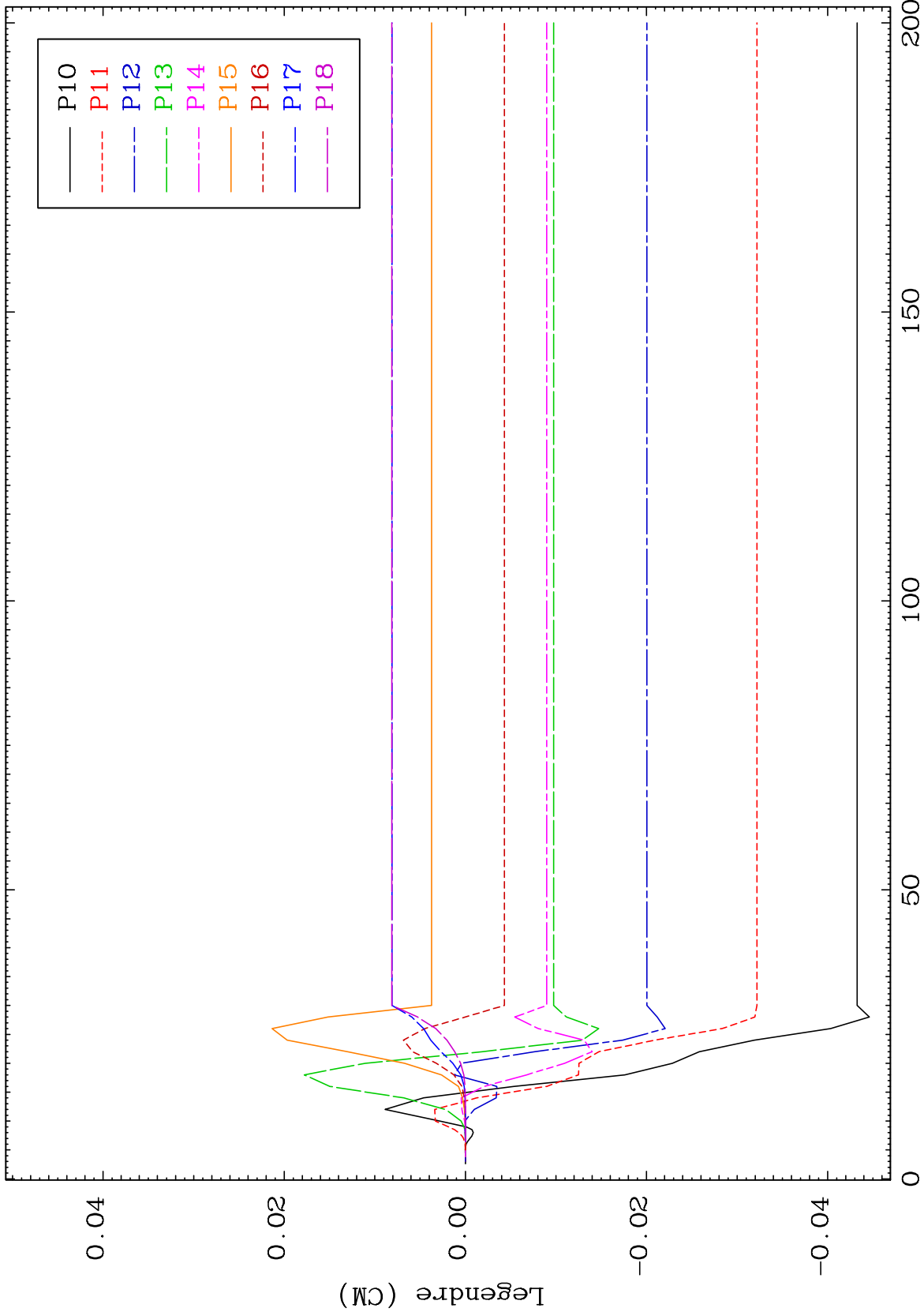
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



75

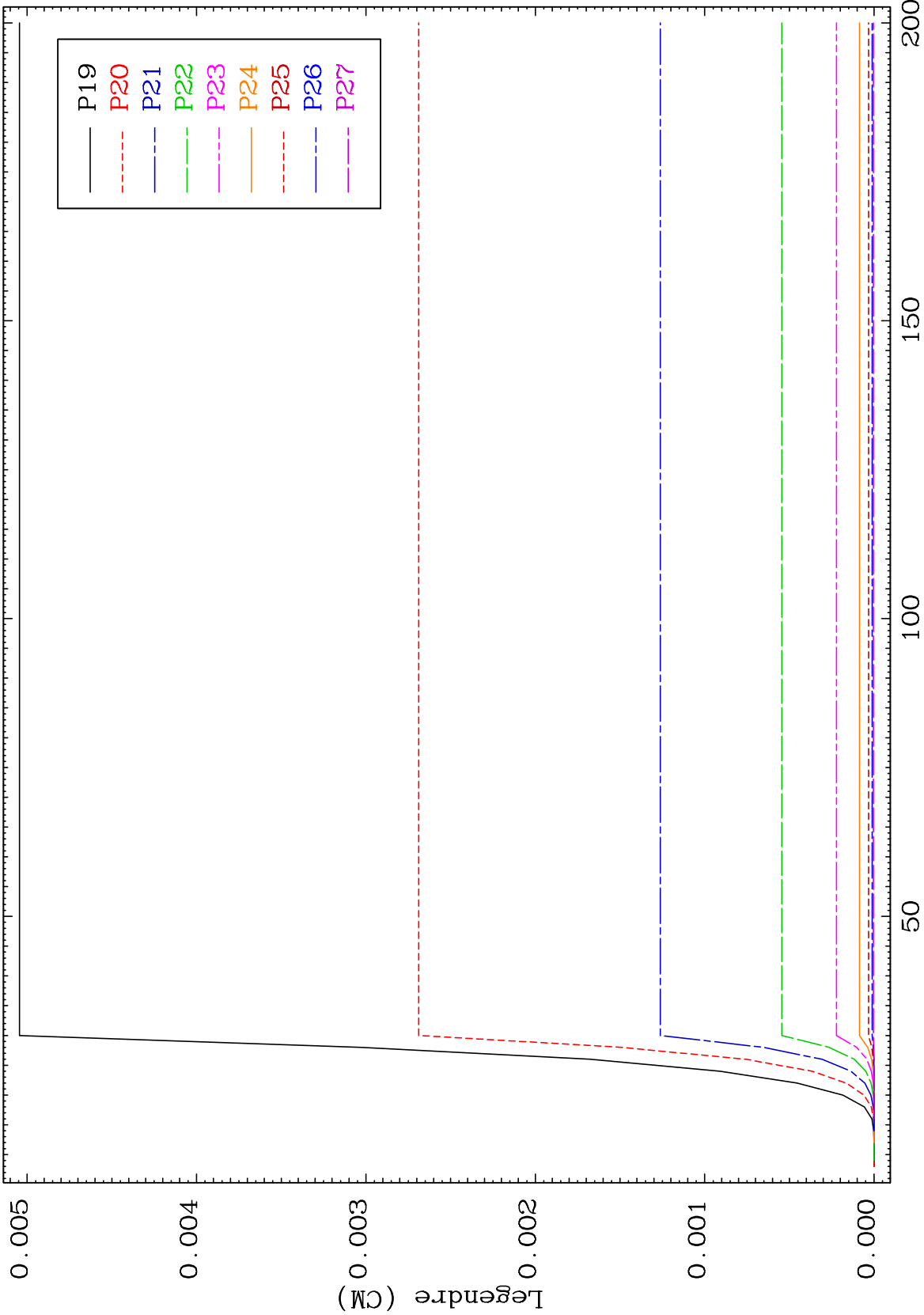
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



76

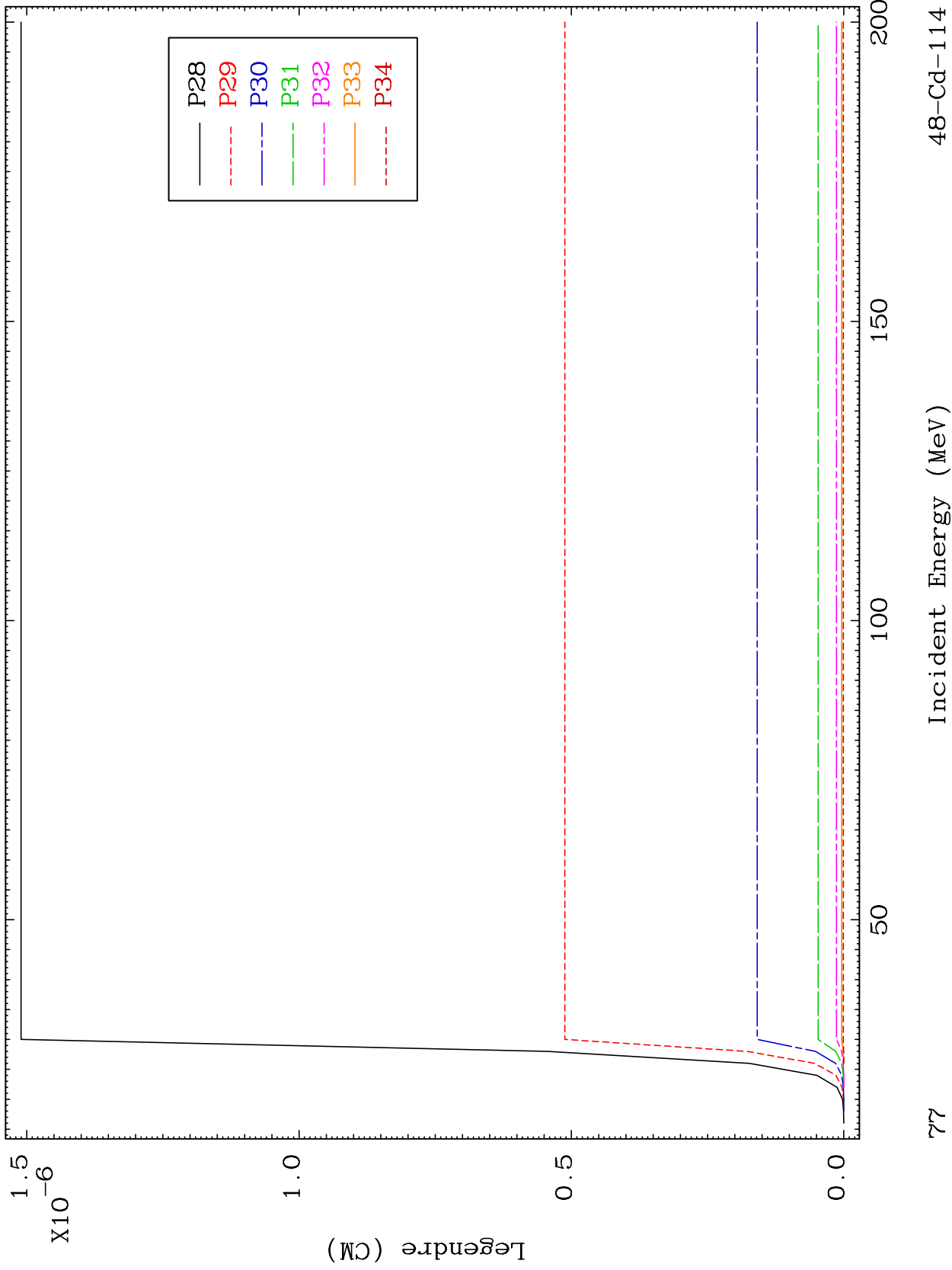
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

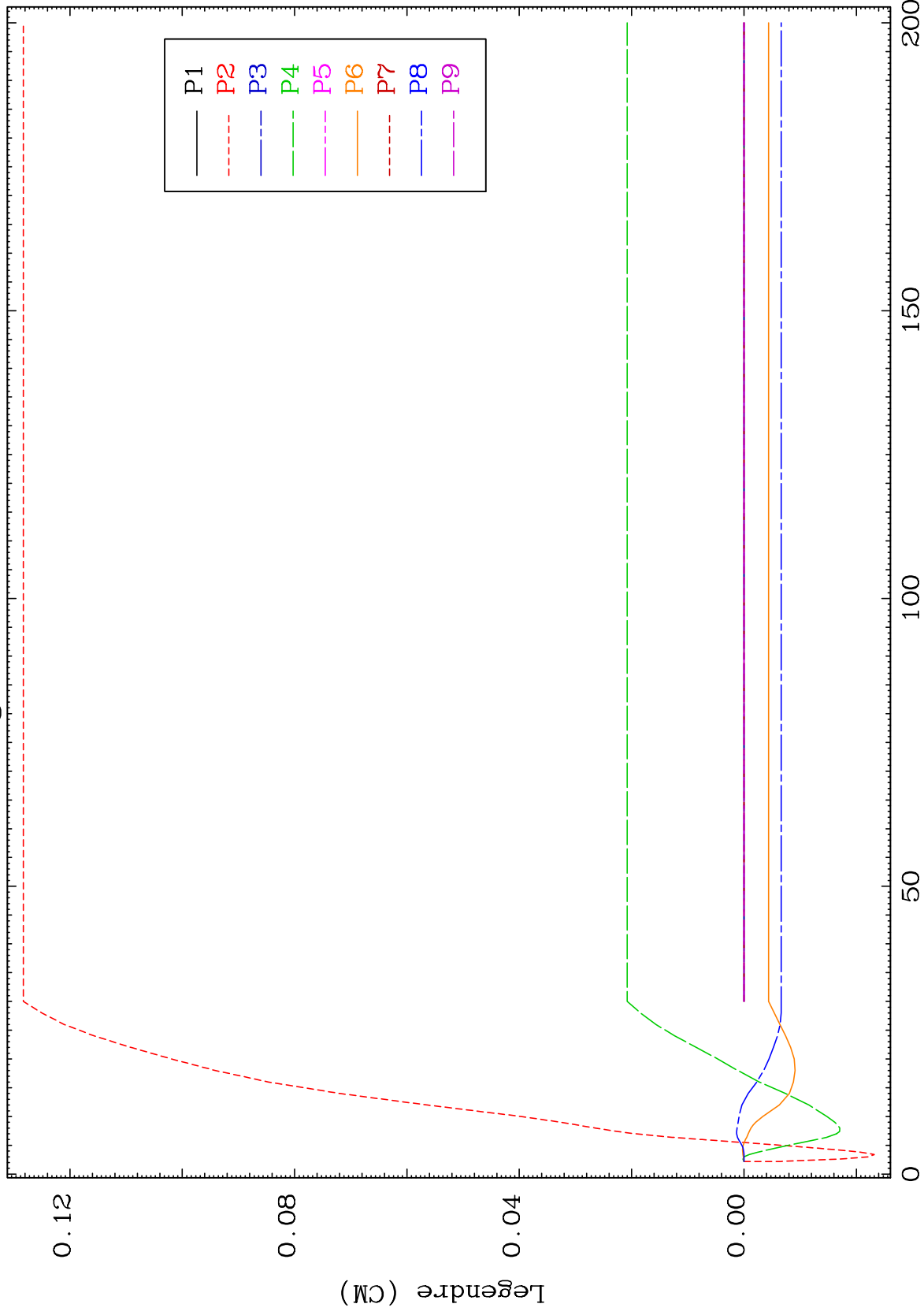
48-Cd-114



MAT 4849

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

48-Cd-114



78

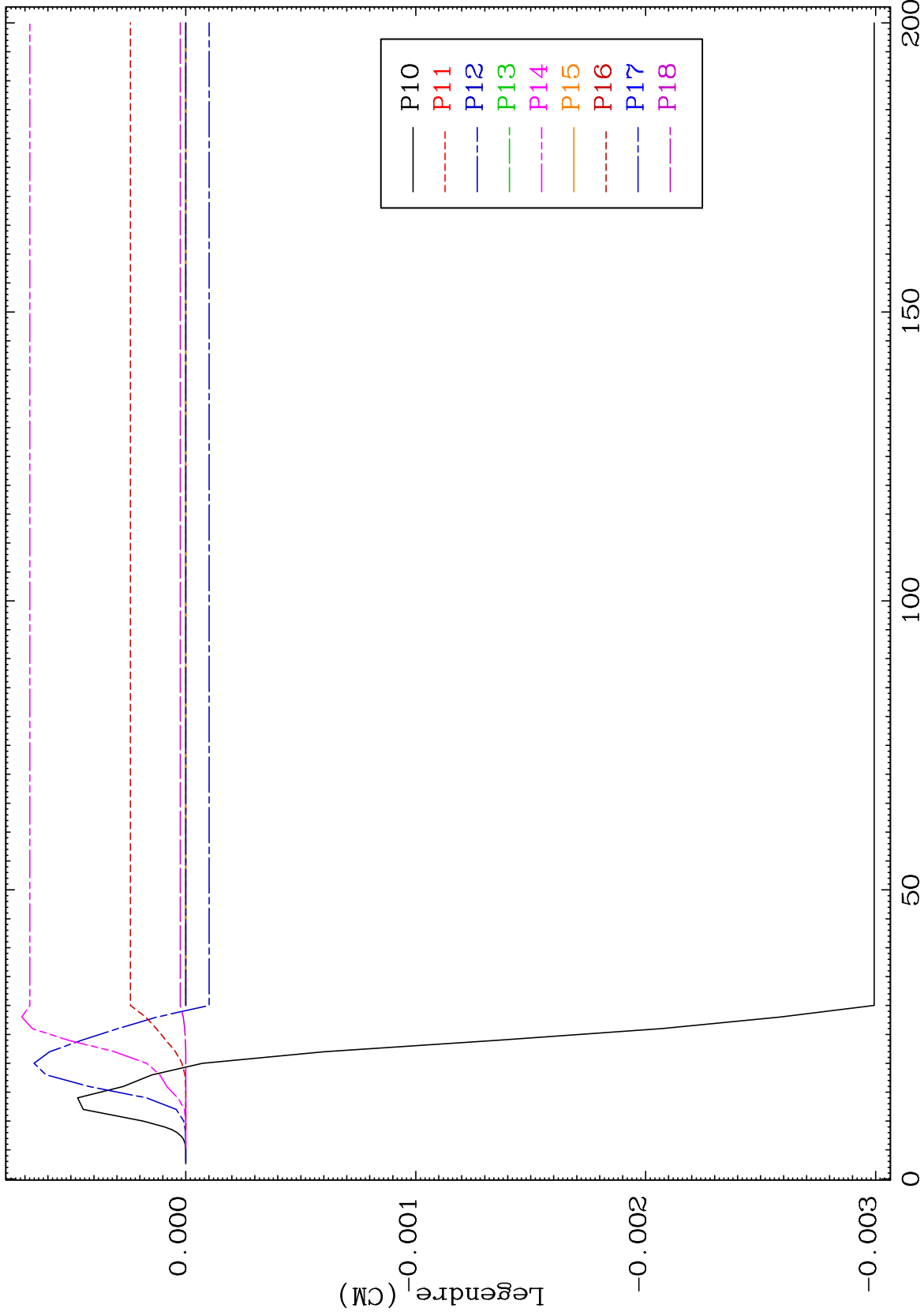
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

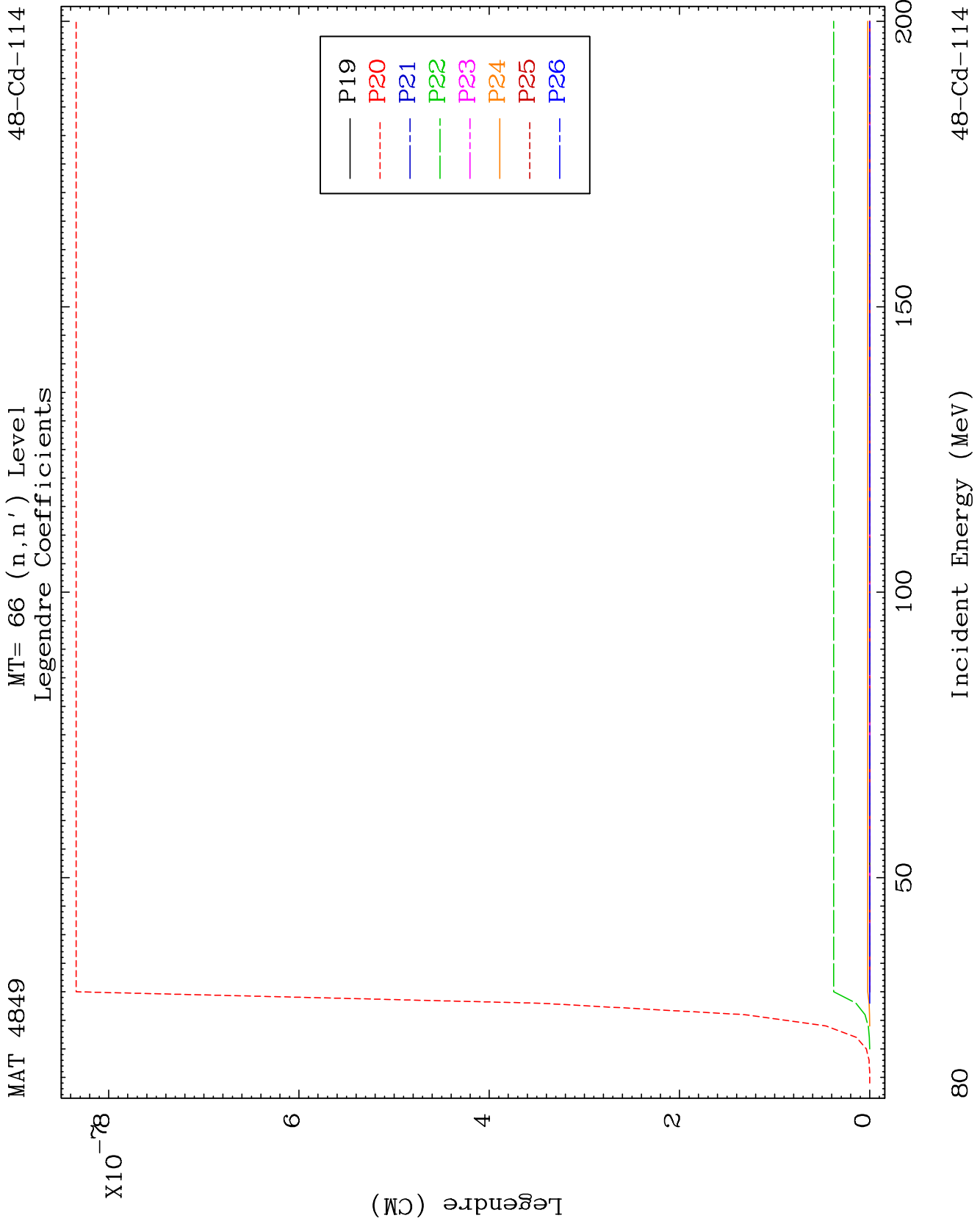


79

Incident Energy (MeV)

48-Cd-114

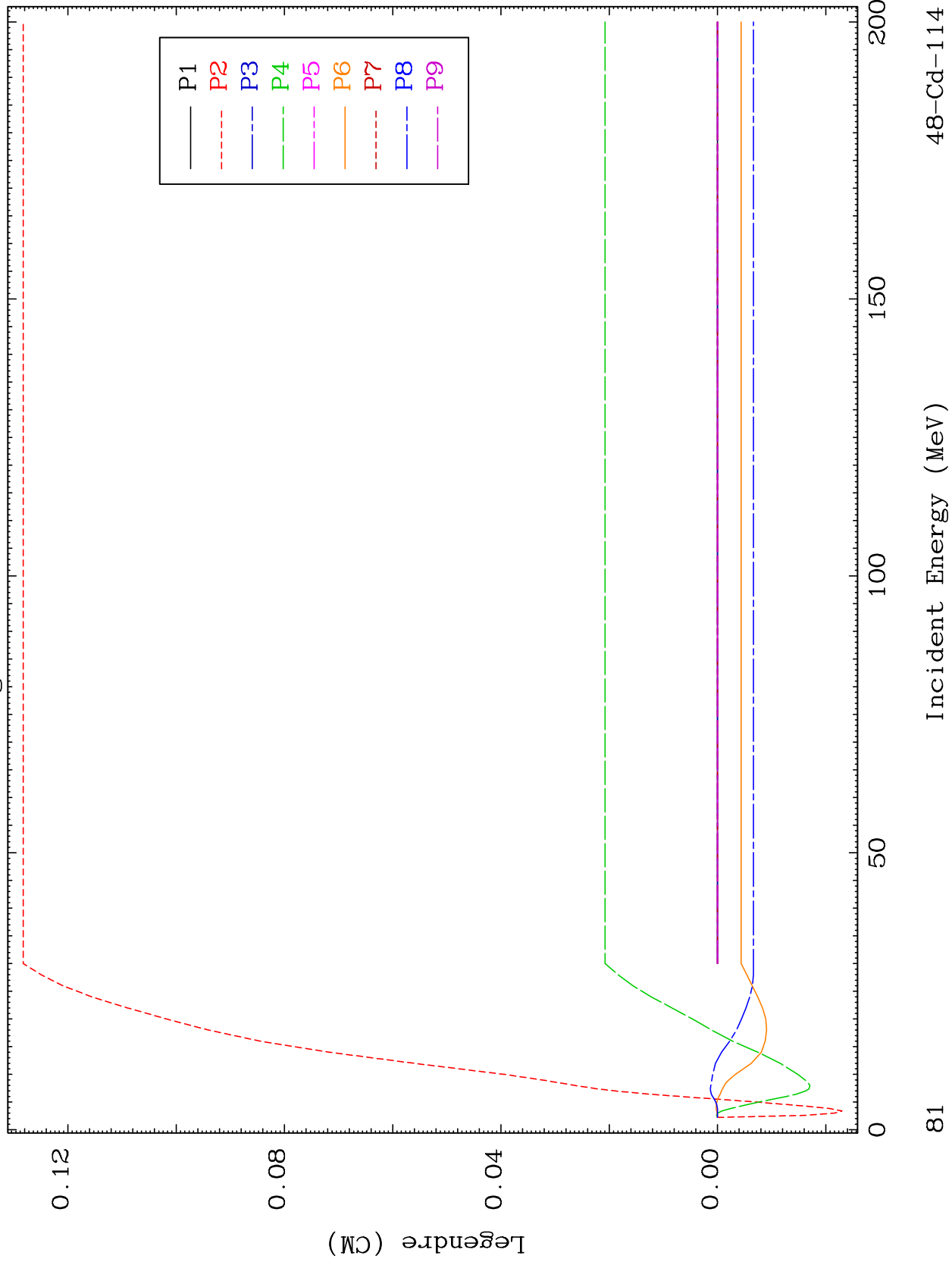




MAT 4849

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

48-Cd-114



48-Cd-114

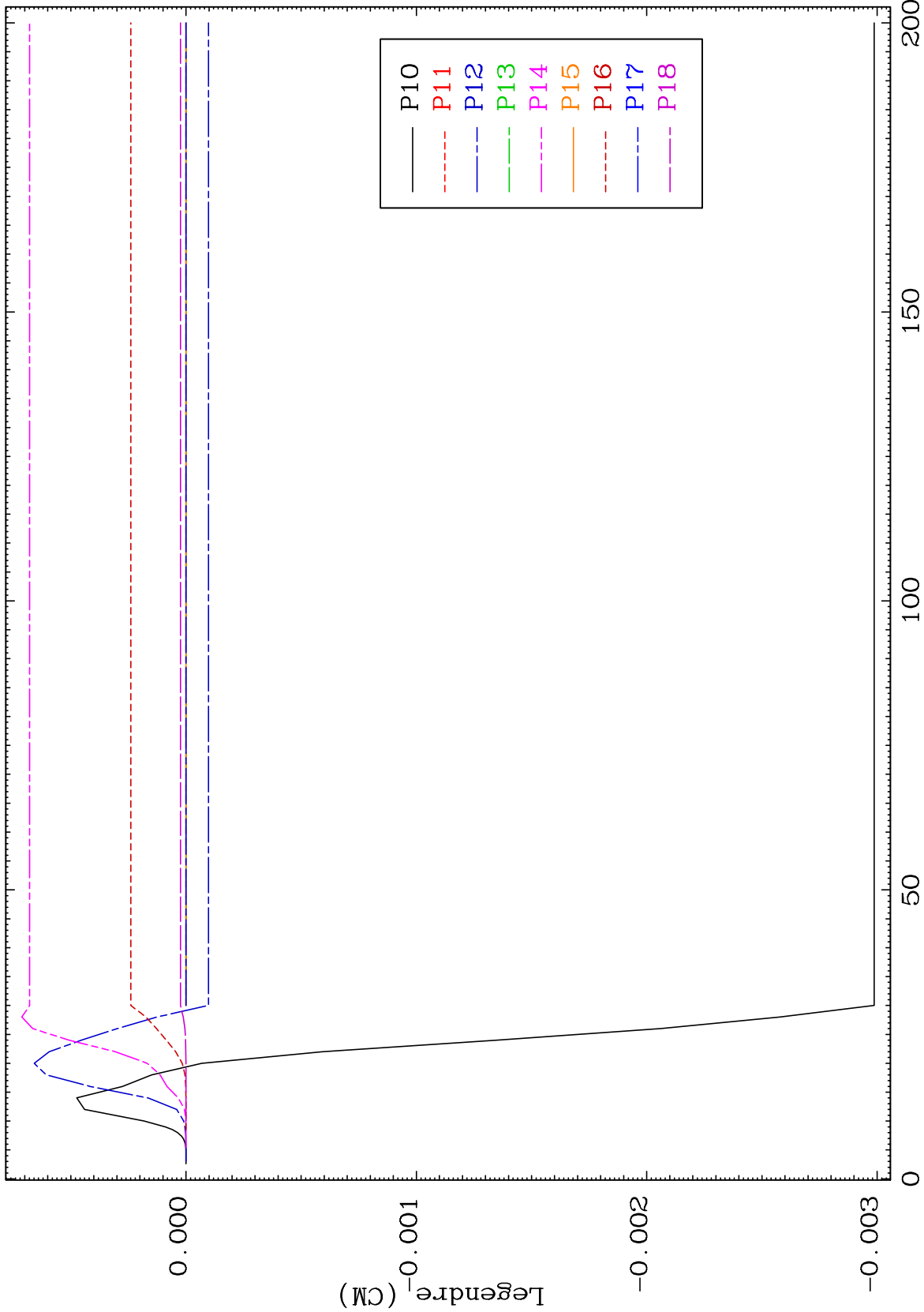
Incident Energy (MeV)

81

MAT 4849

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

48-Cd-114



82

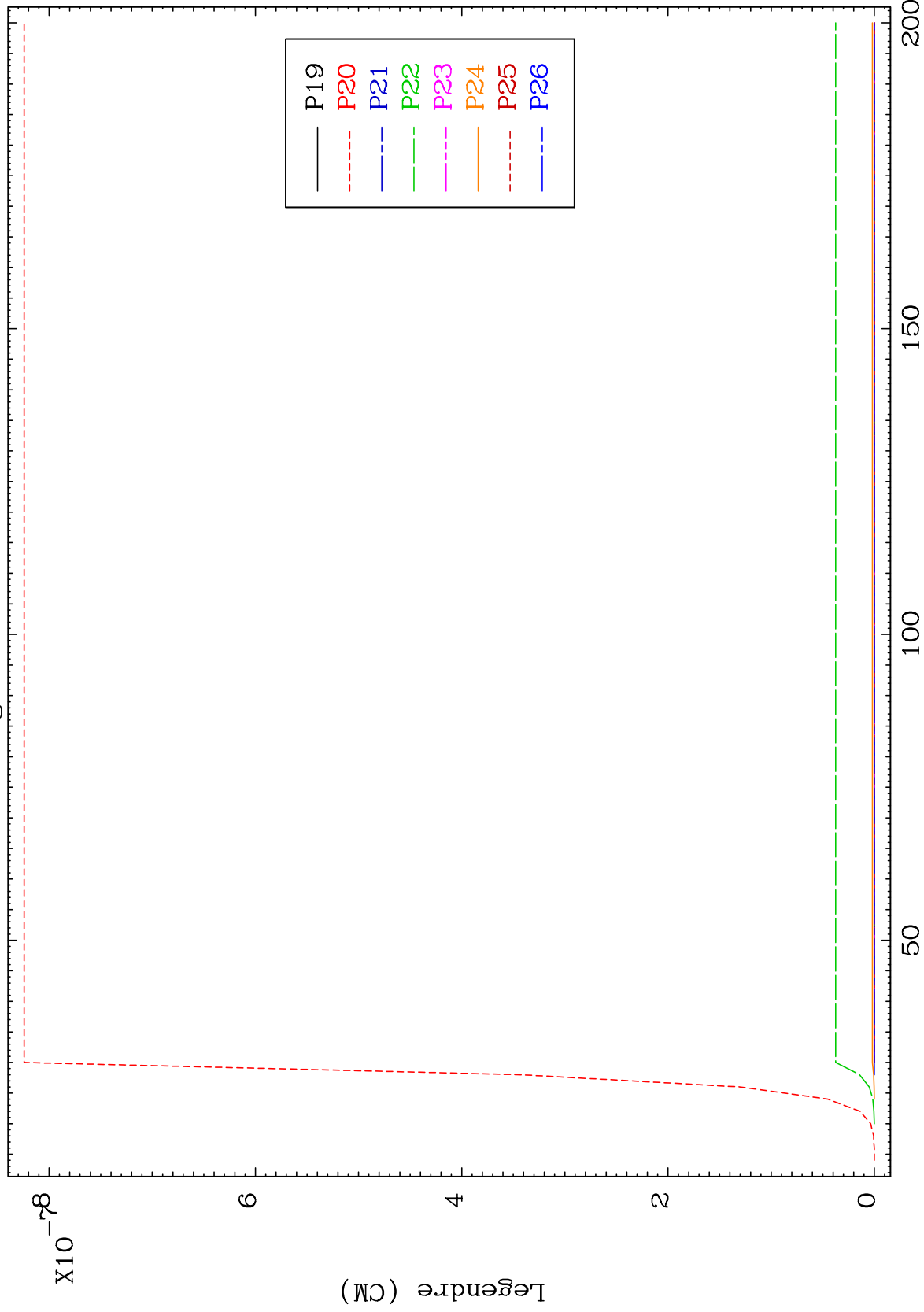
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



83

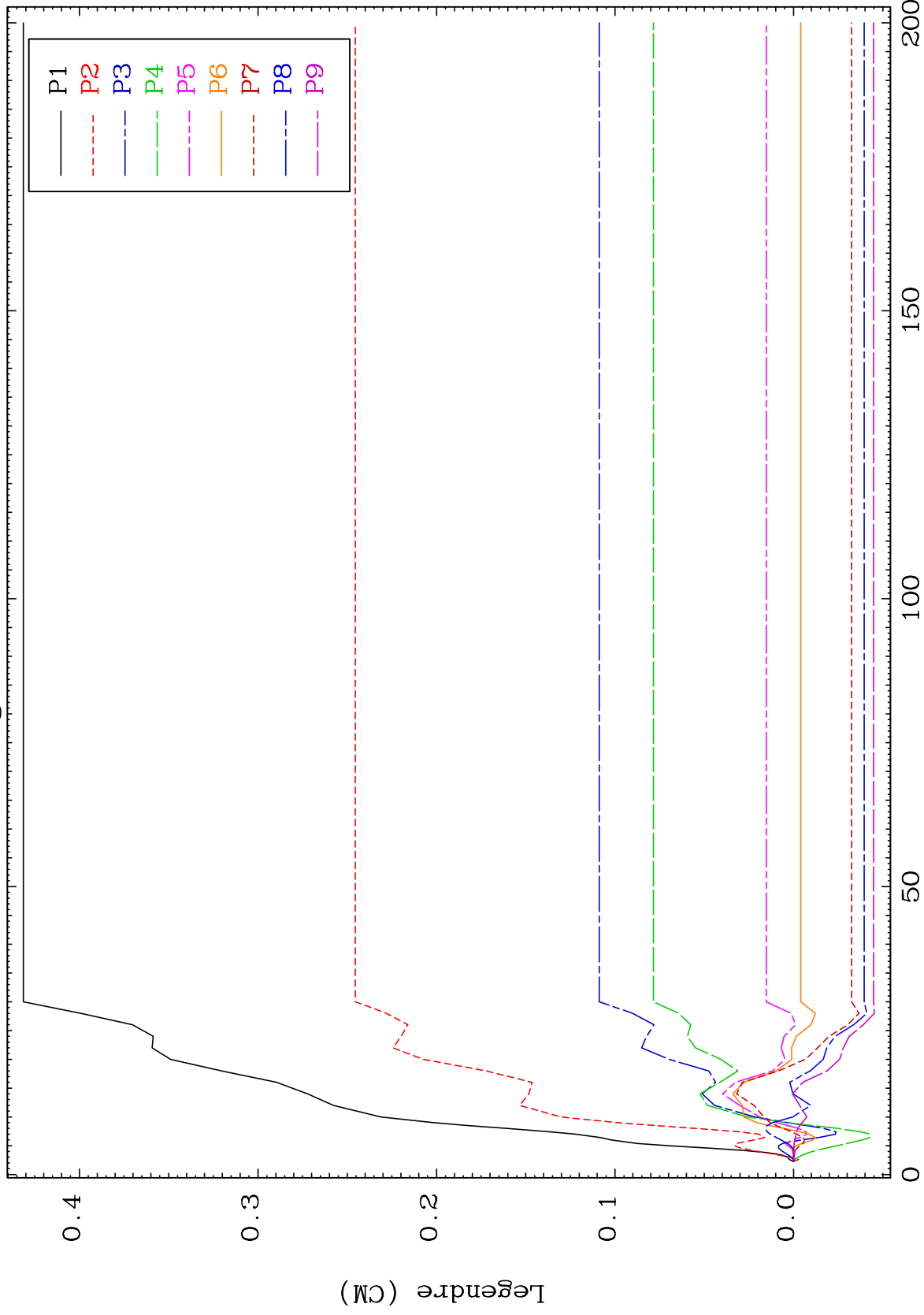
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



84

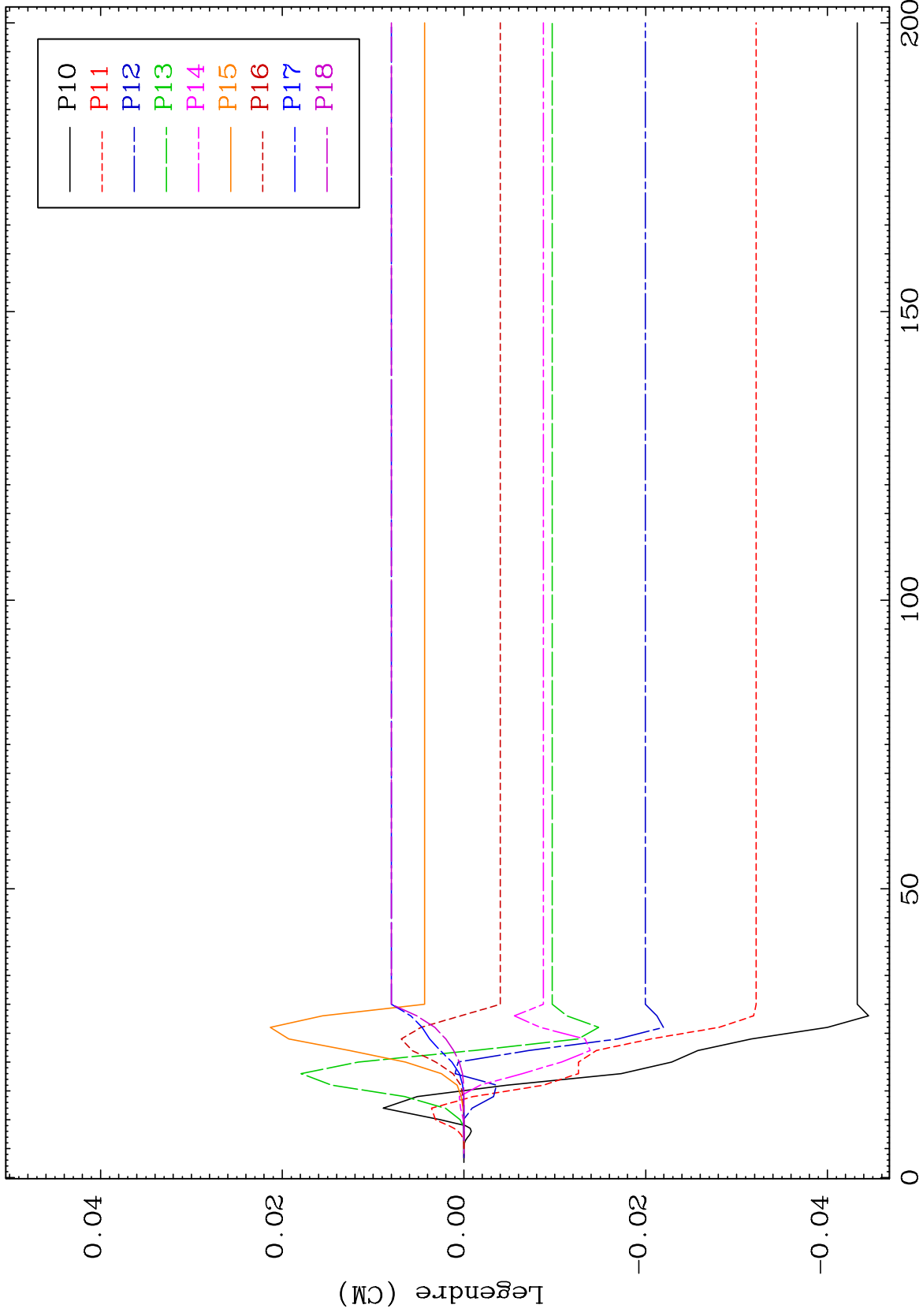
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



85

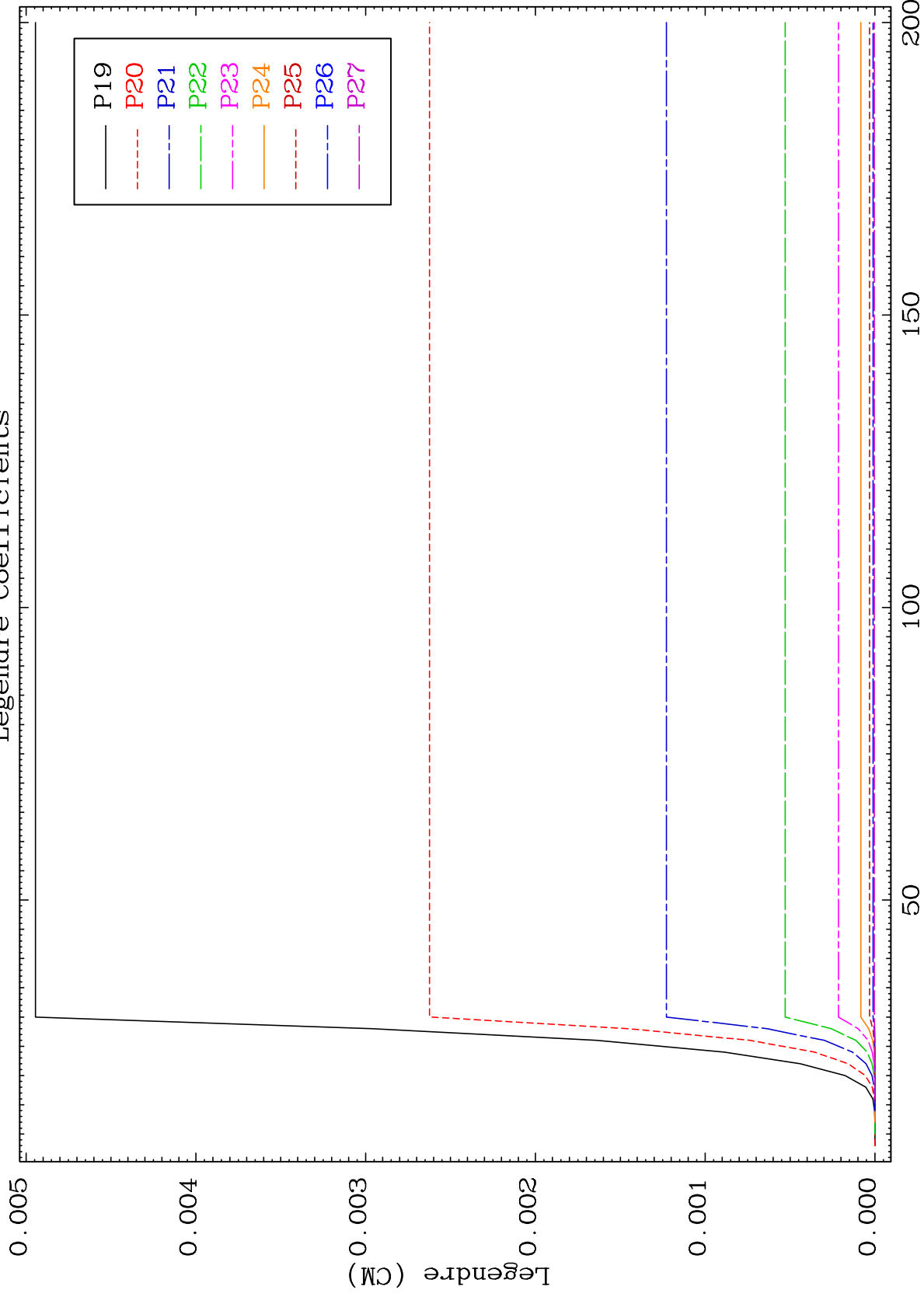
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



86

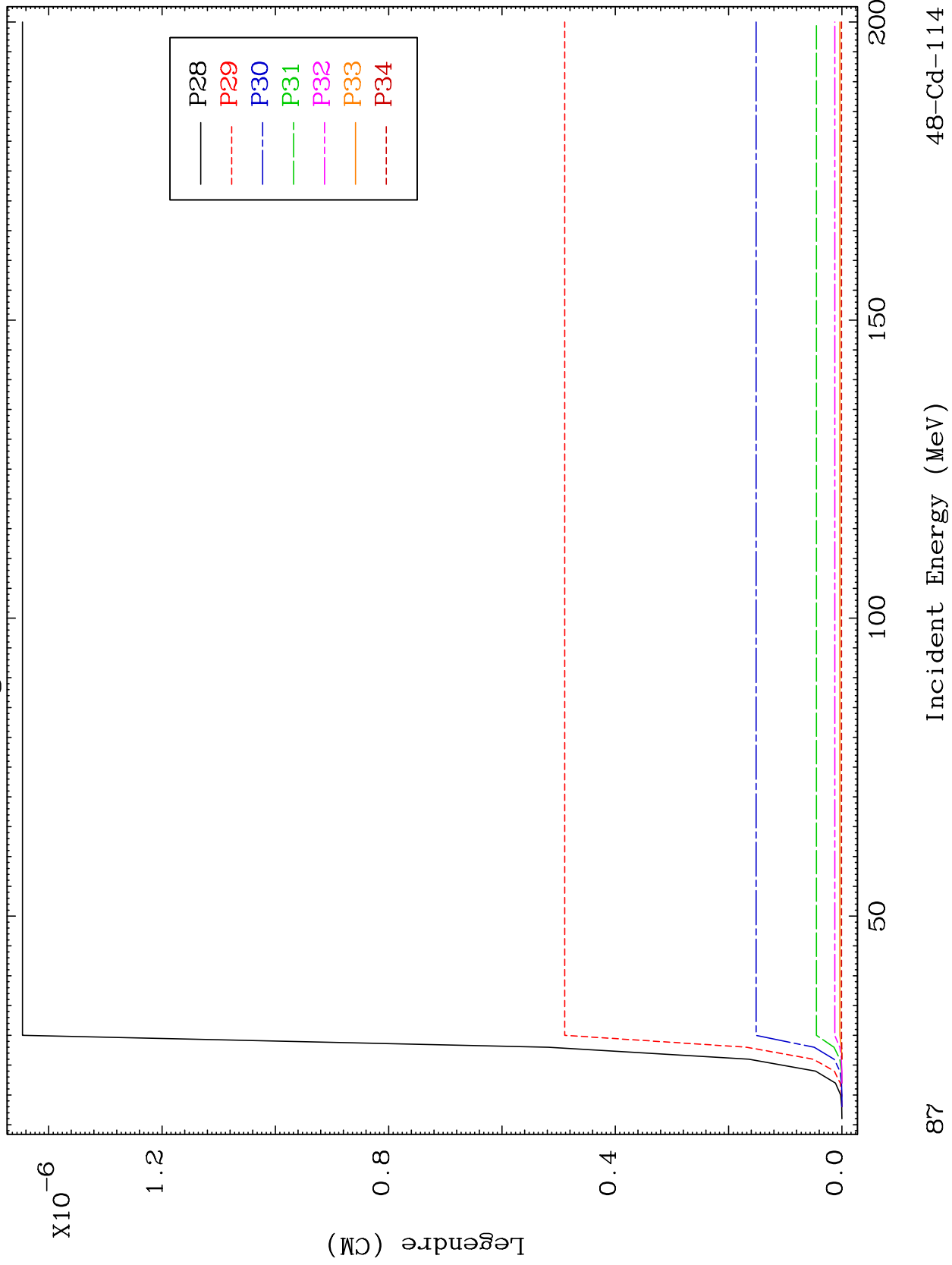
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

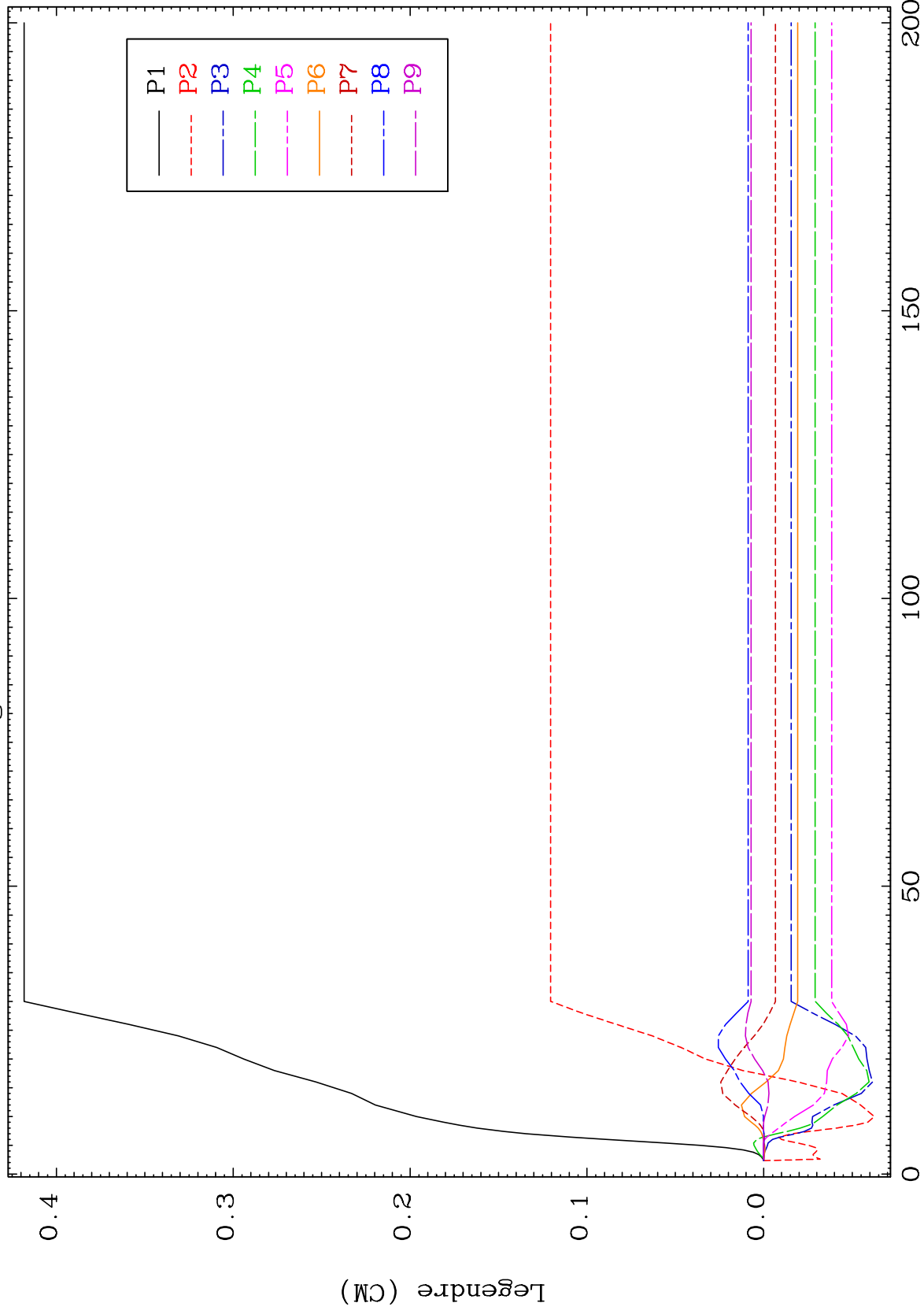




MAT 4849

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

48-Cd-114



88

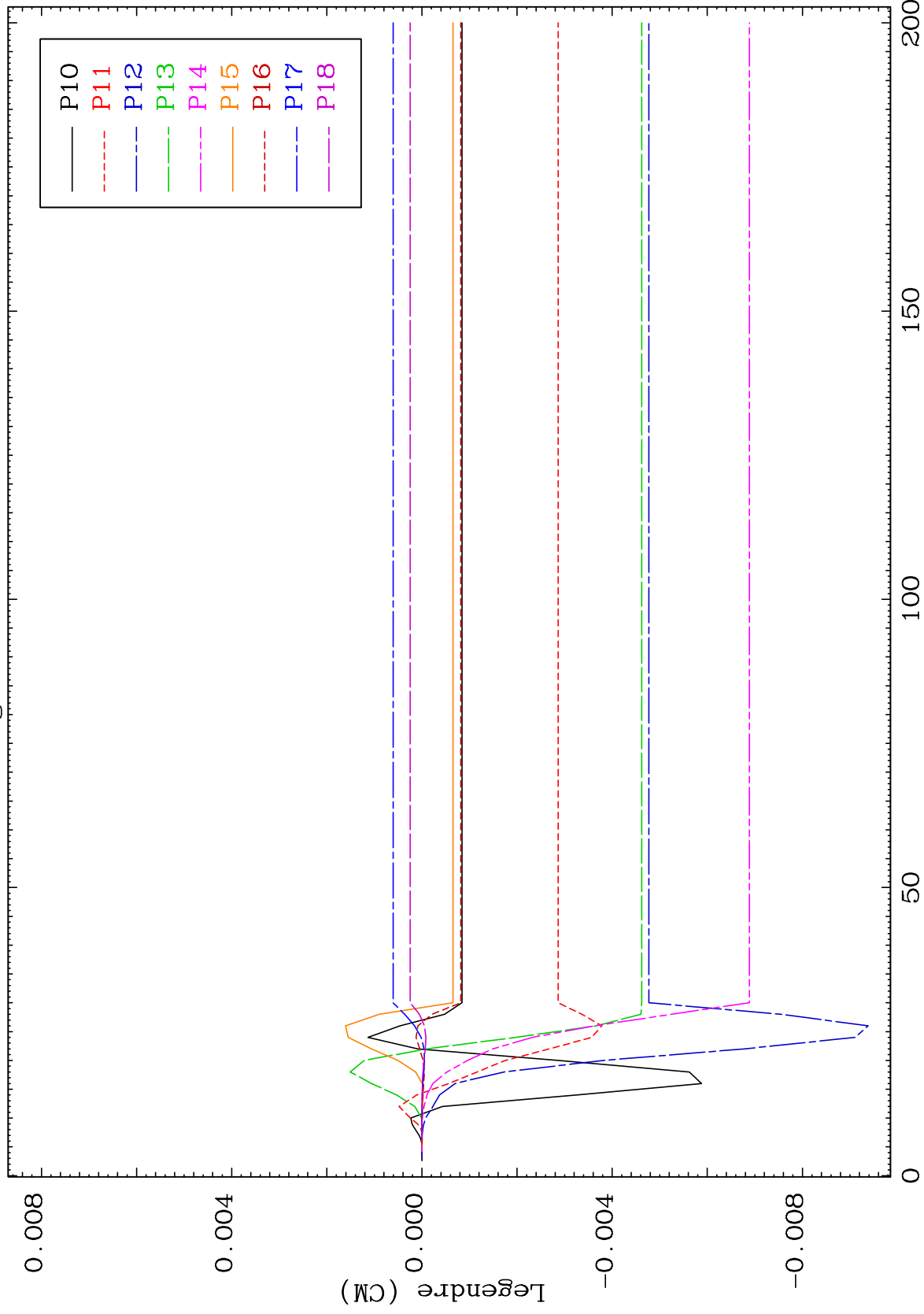
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



89

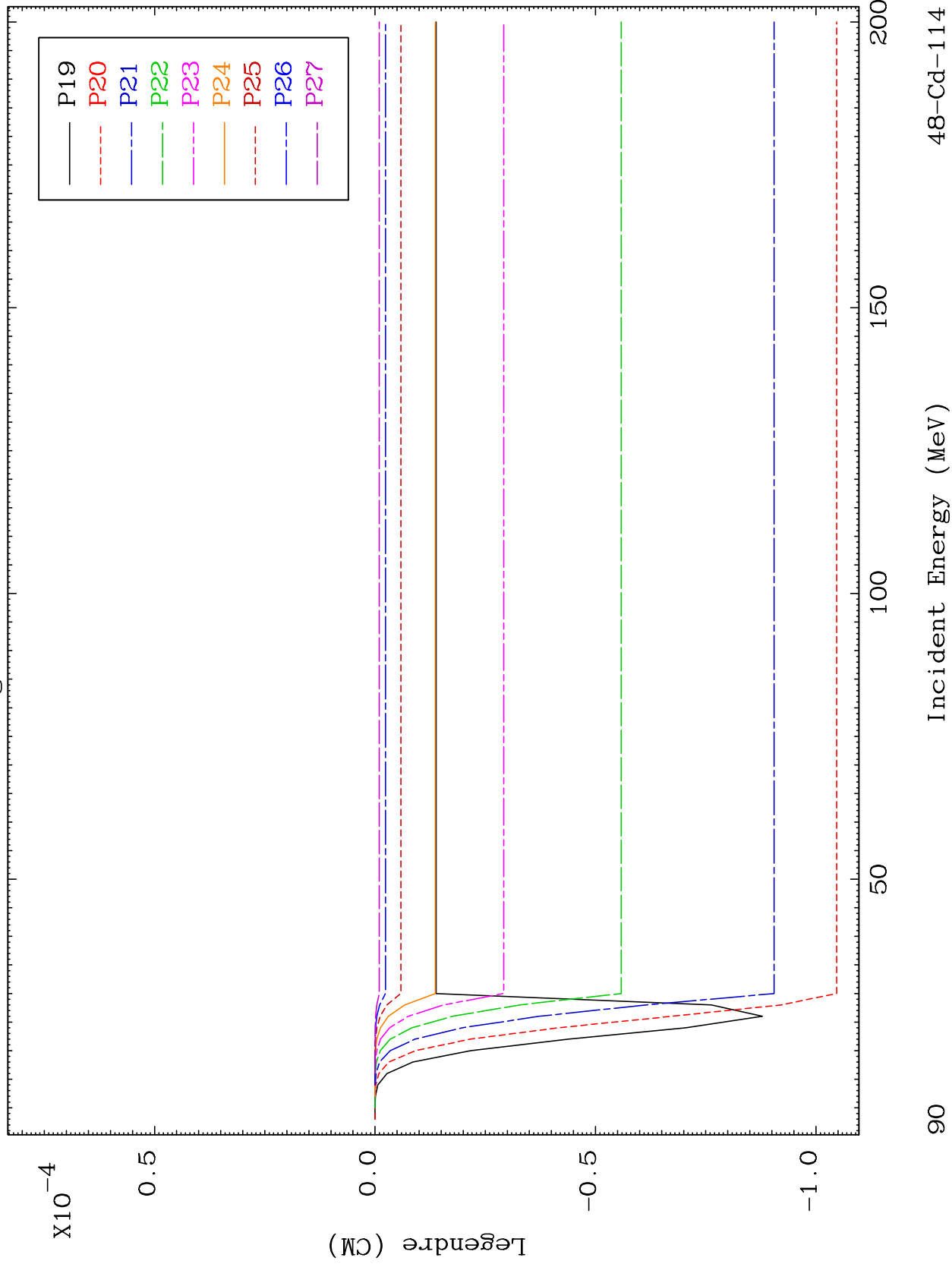
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

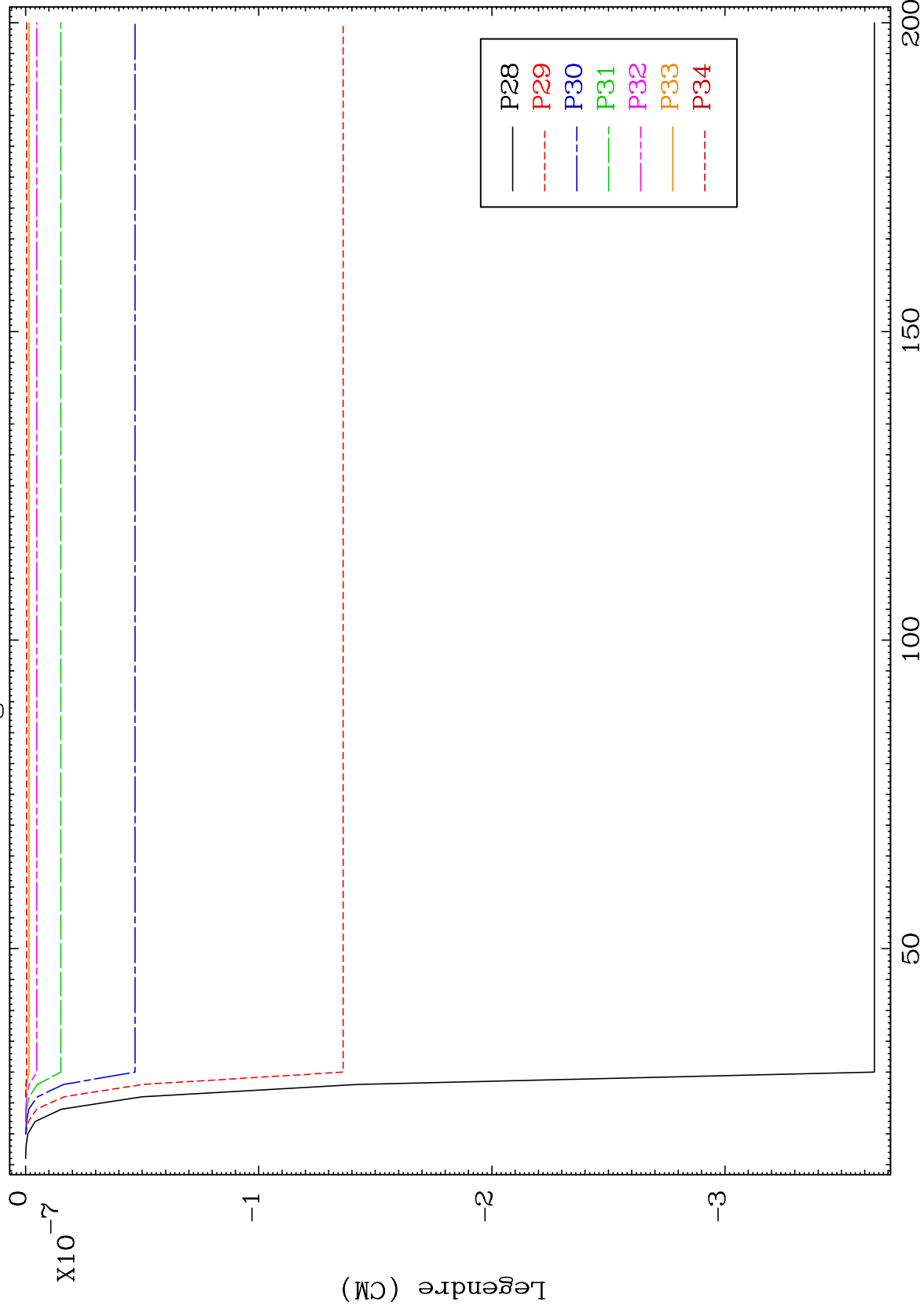


MAT 4849

MT= 69 (n,n') Level

48-Cd-114

Legendre Coefficients

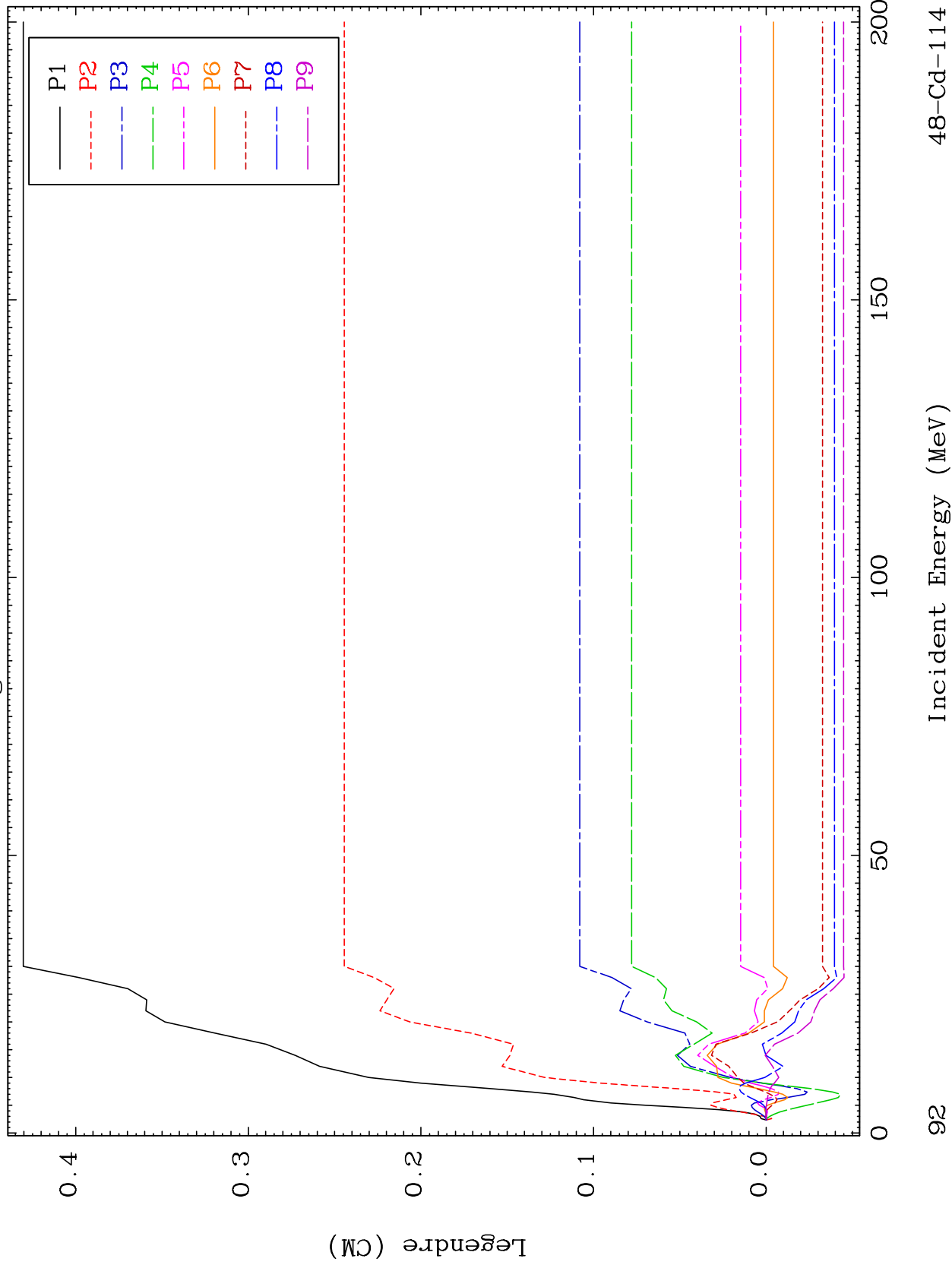


$\times 10^{-7}$

MAT 4849

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

48-Cd-114



92

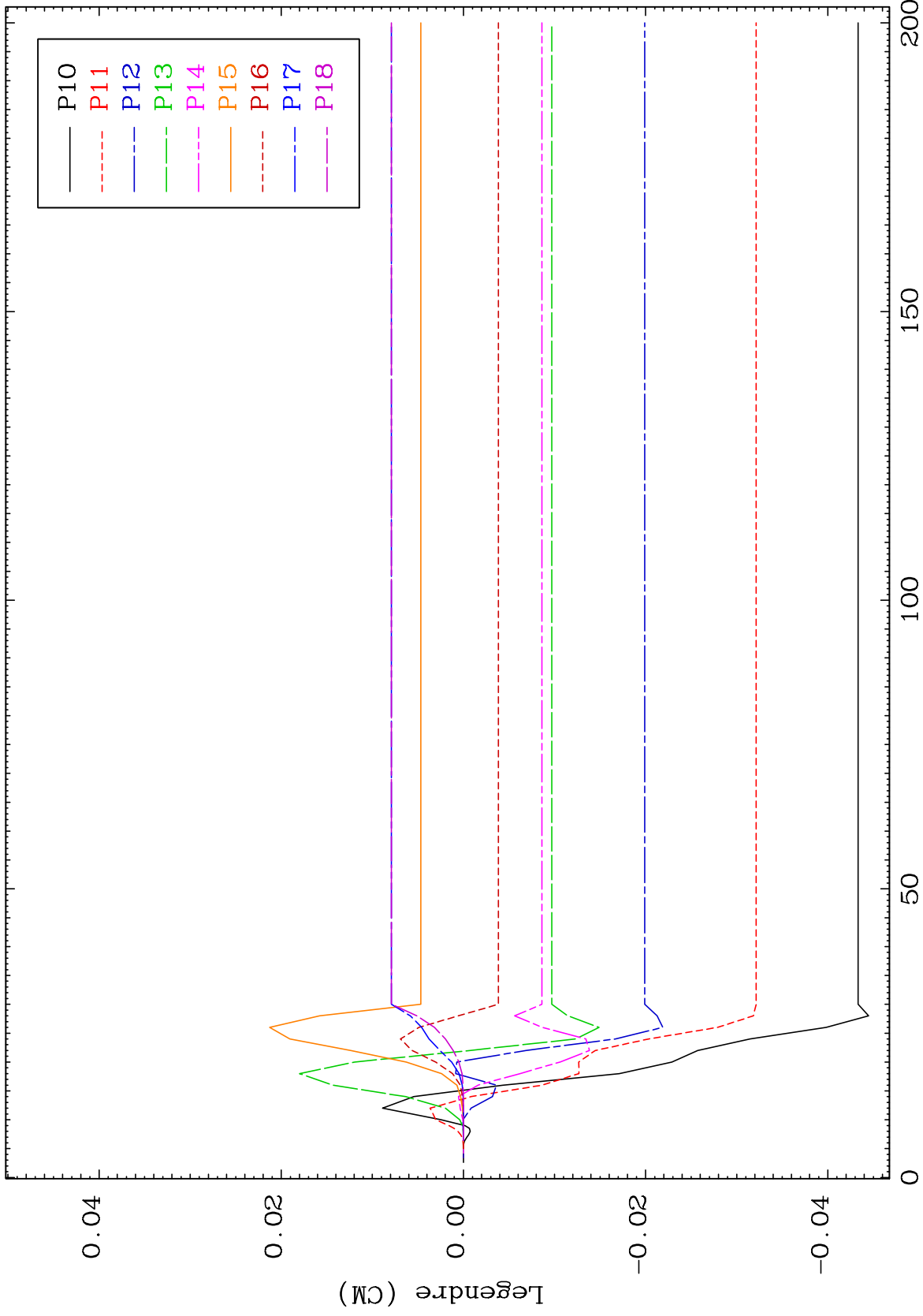
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



93

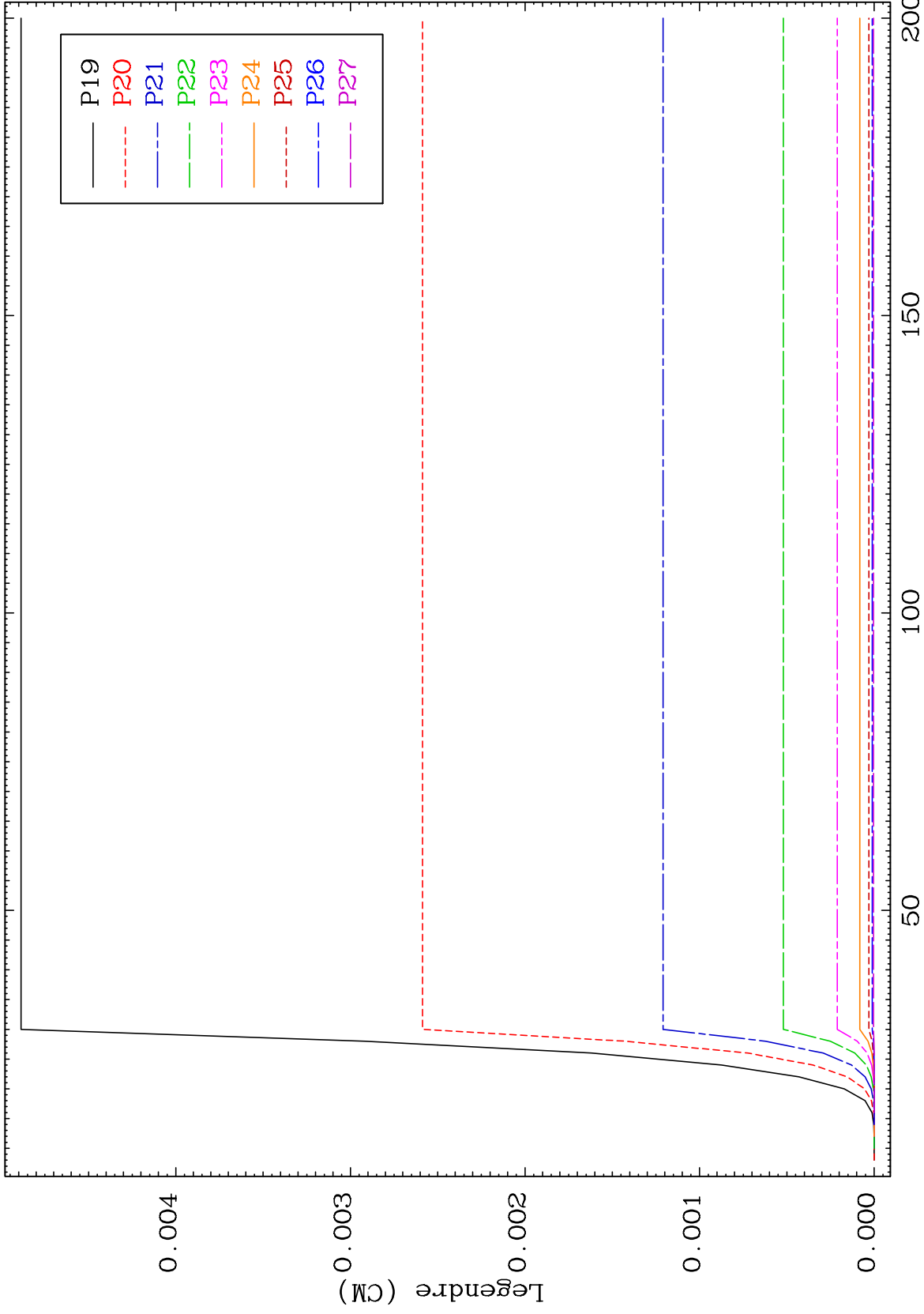
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



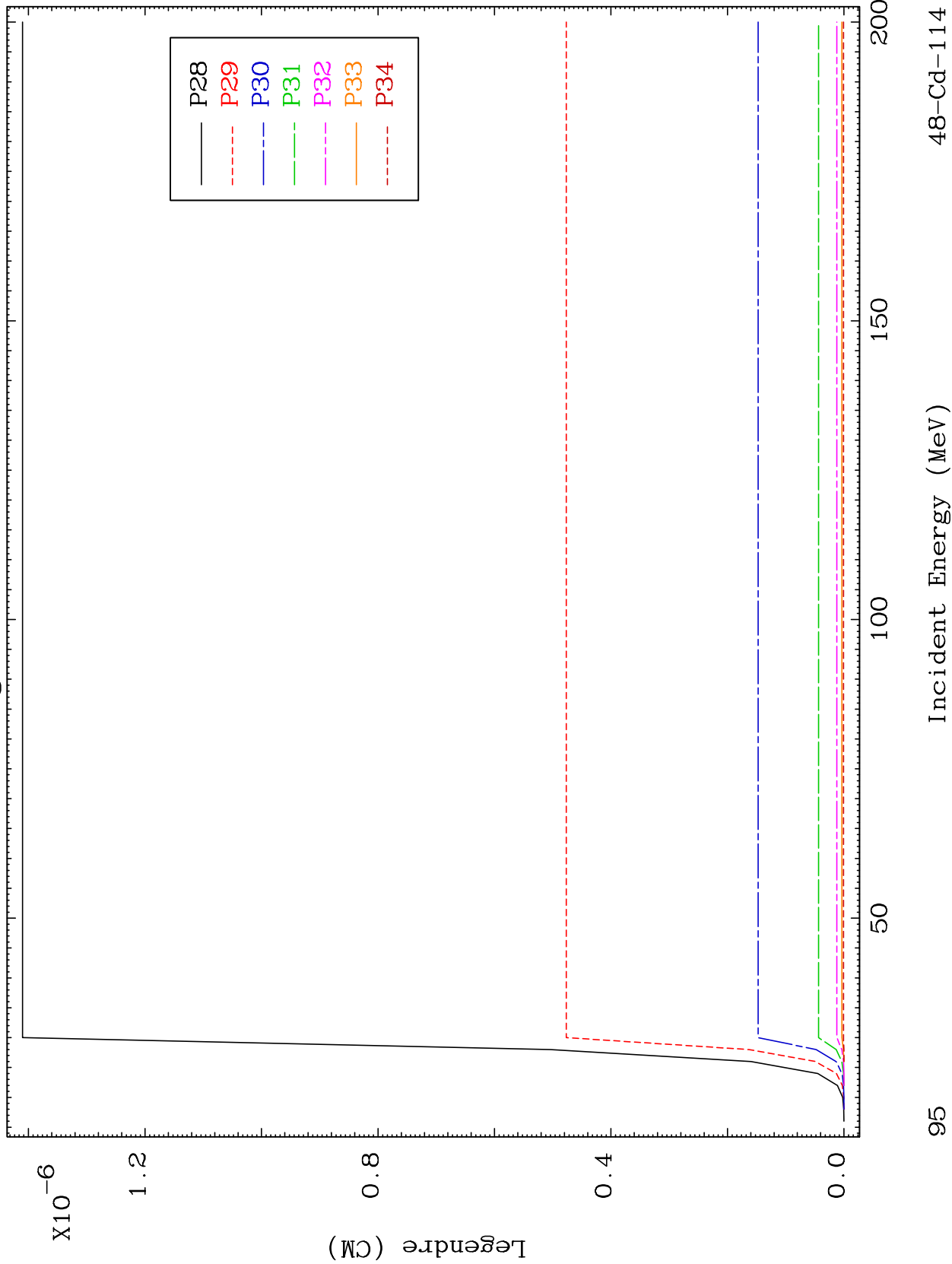
94

48-Cd-114

MAT 4849

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

48-Cd-114

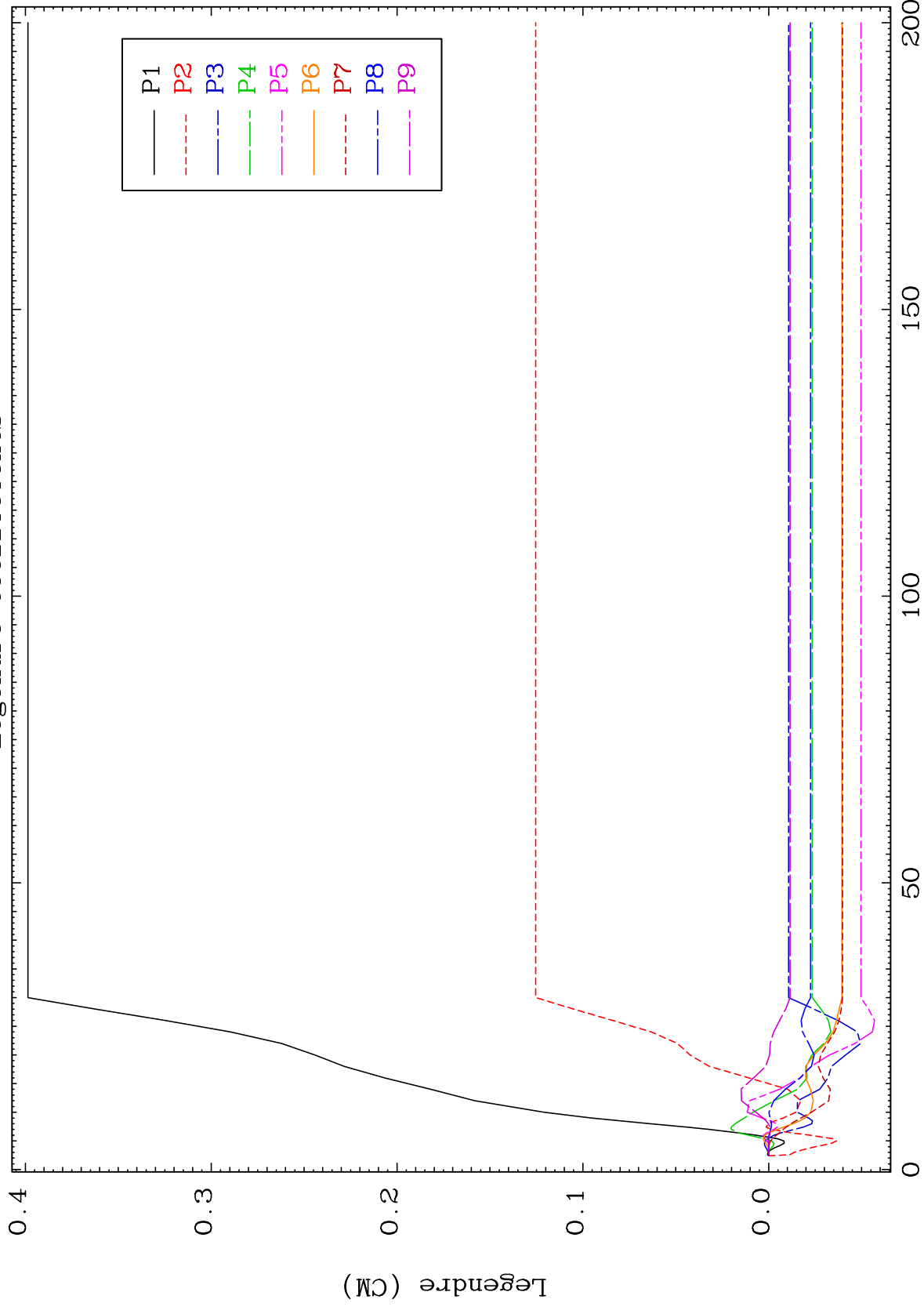




MAT 4849

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

48-Cd-114



96

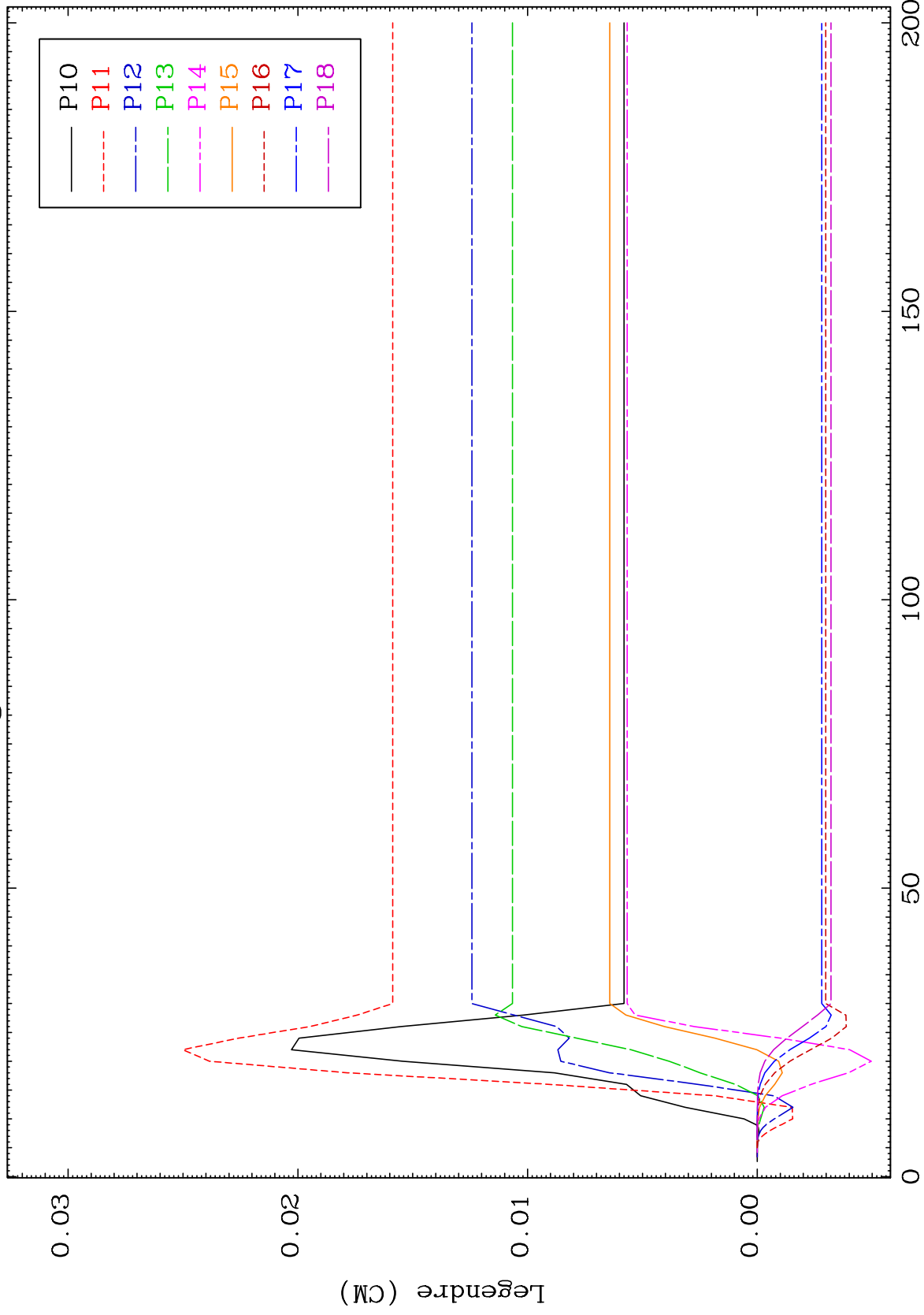
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



97

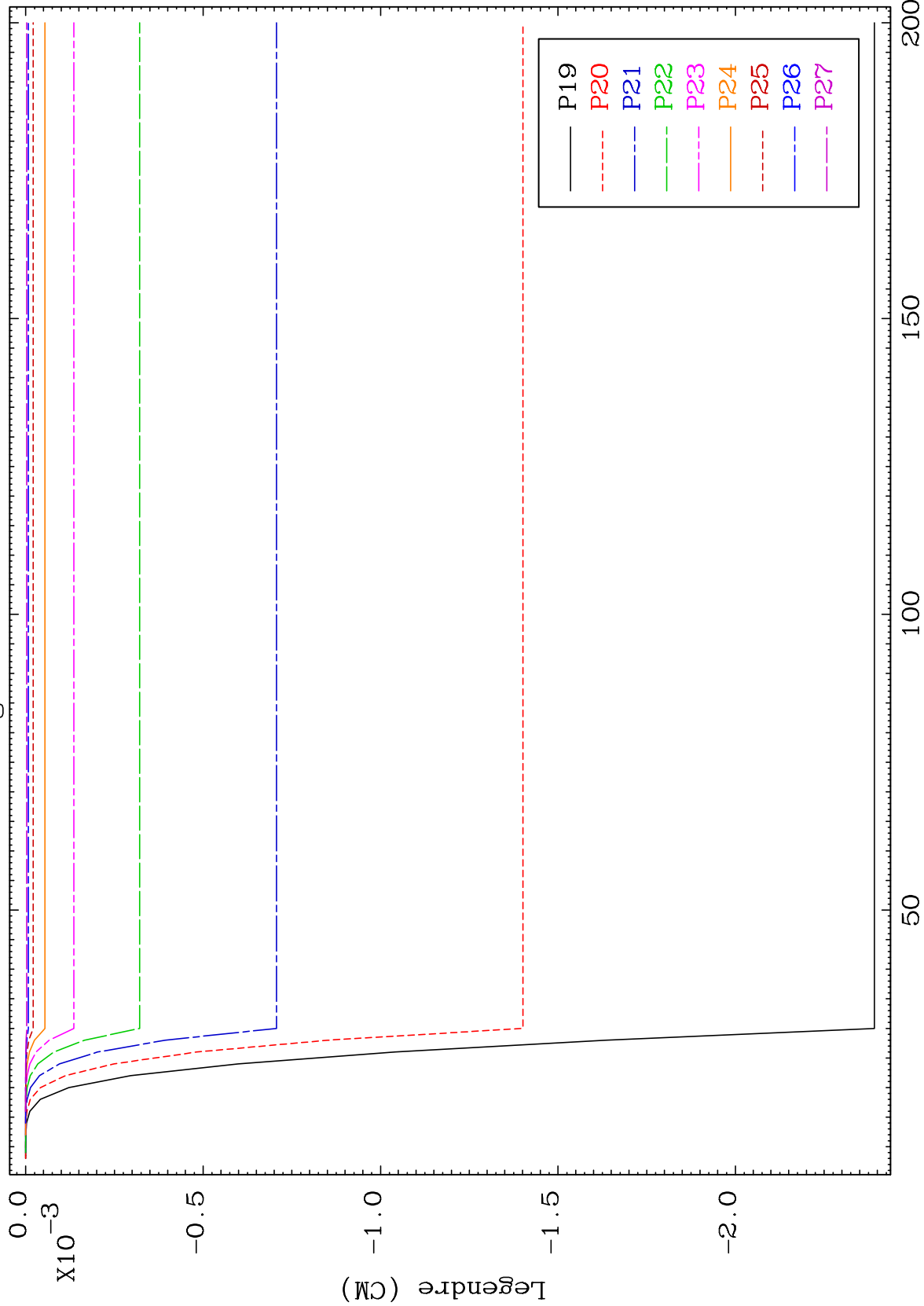
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



98

Incident Energy (MeV)

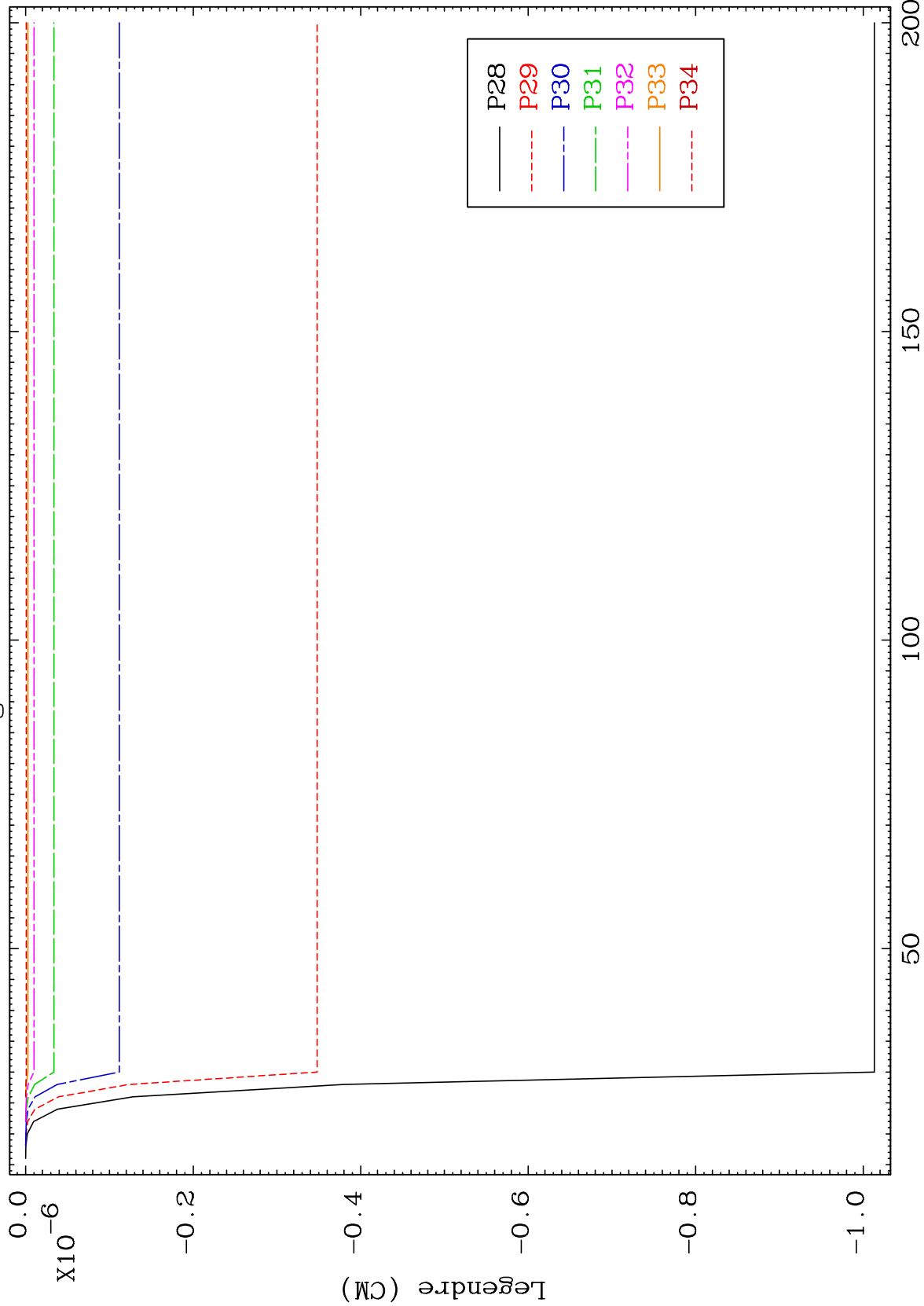
48-Cd-114

MAT 4849

MT= 71 (n,n') Level

48-Cd-114

Legendre Coefficients



99

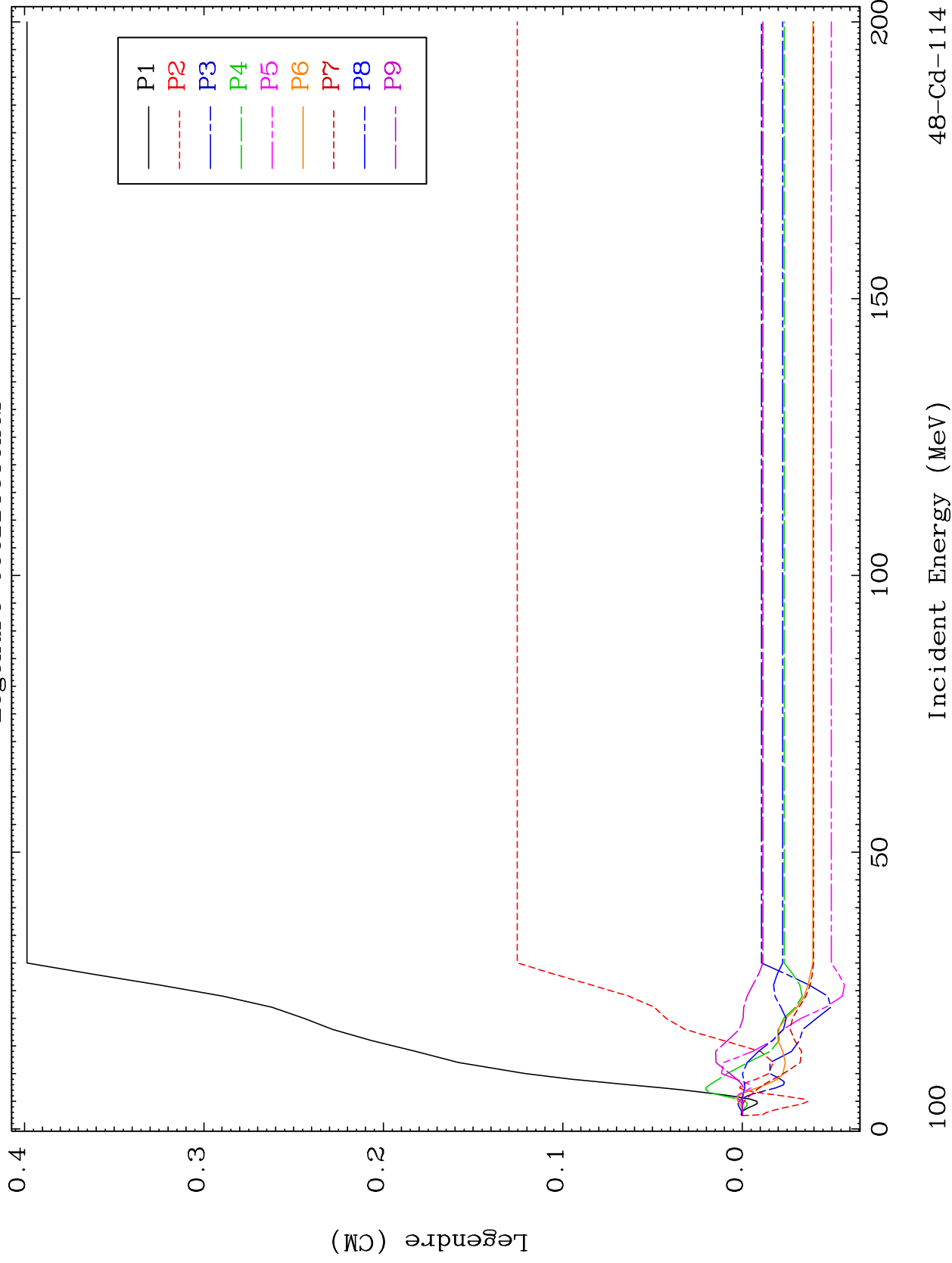
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

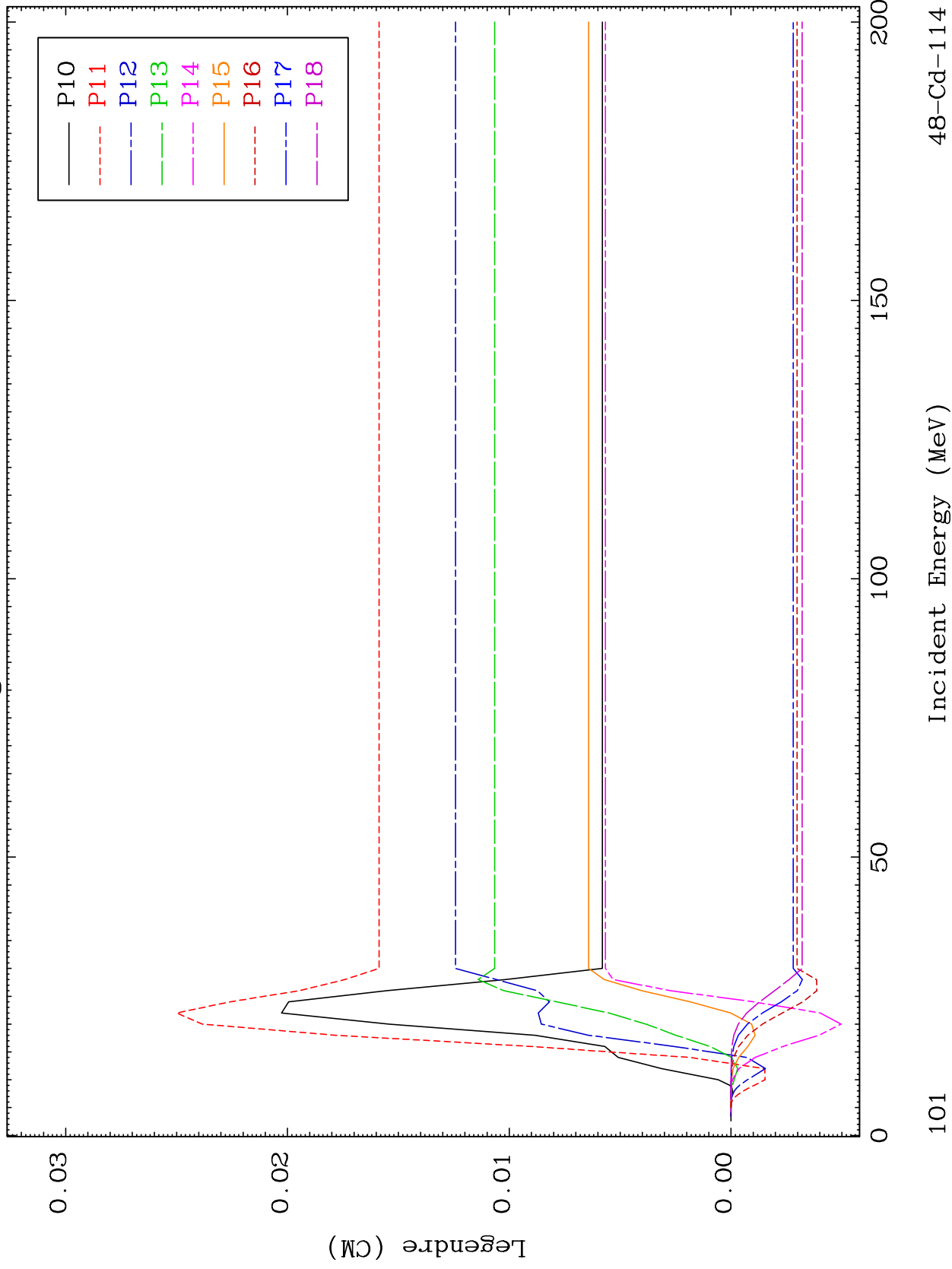


48-Cd-114

MAT 4849

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

48-Cd-114



48-Cd-114

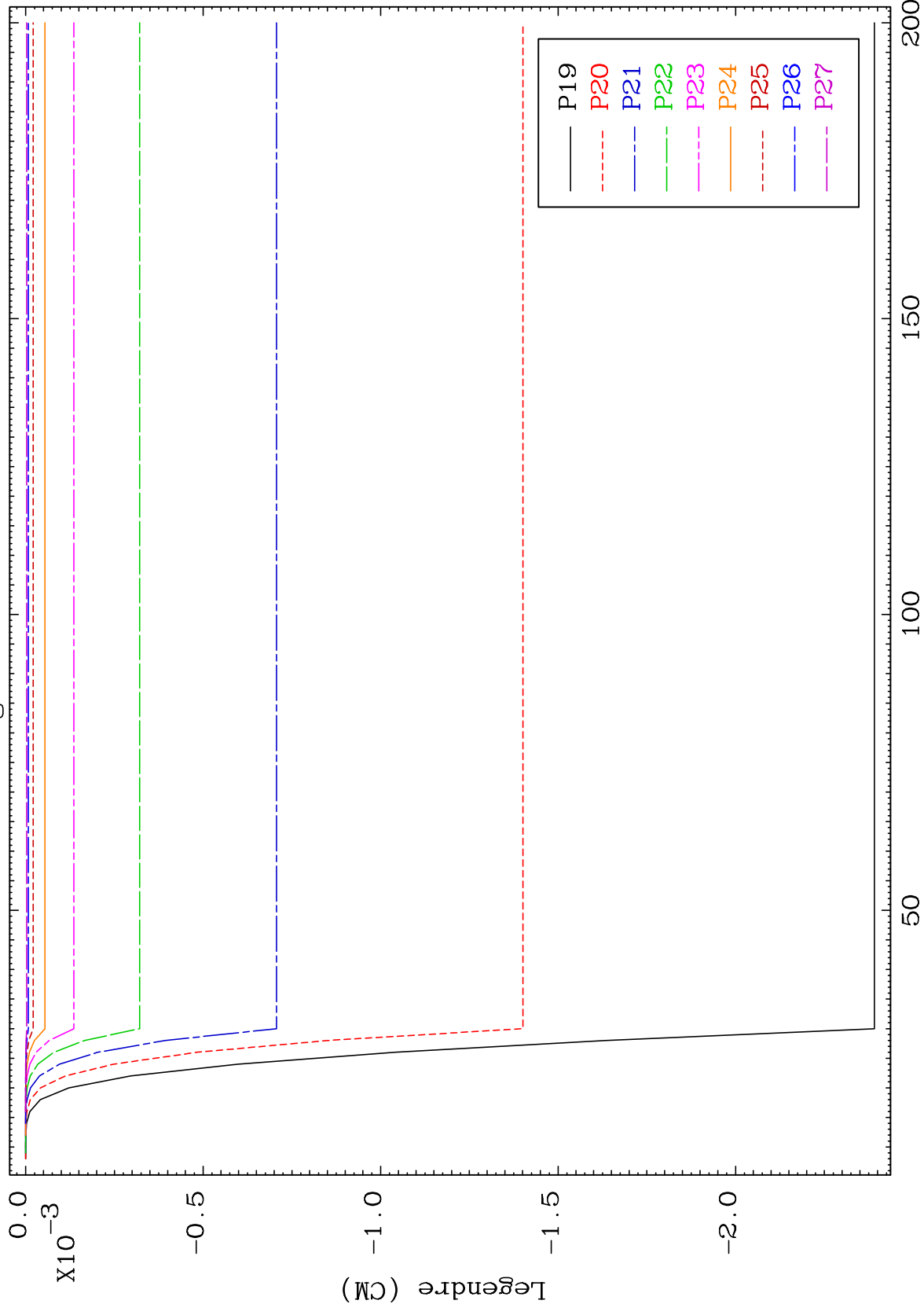
Incident Energy (MeV)

101

MAT 4849

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

48-Cd-114



102

Incident Energy (MeV)

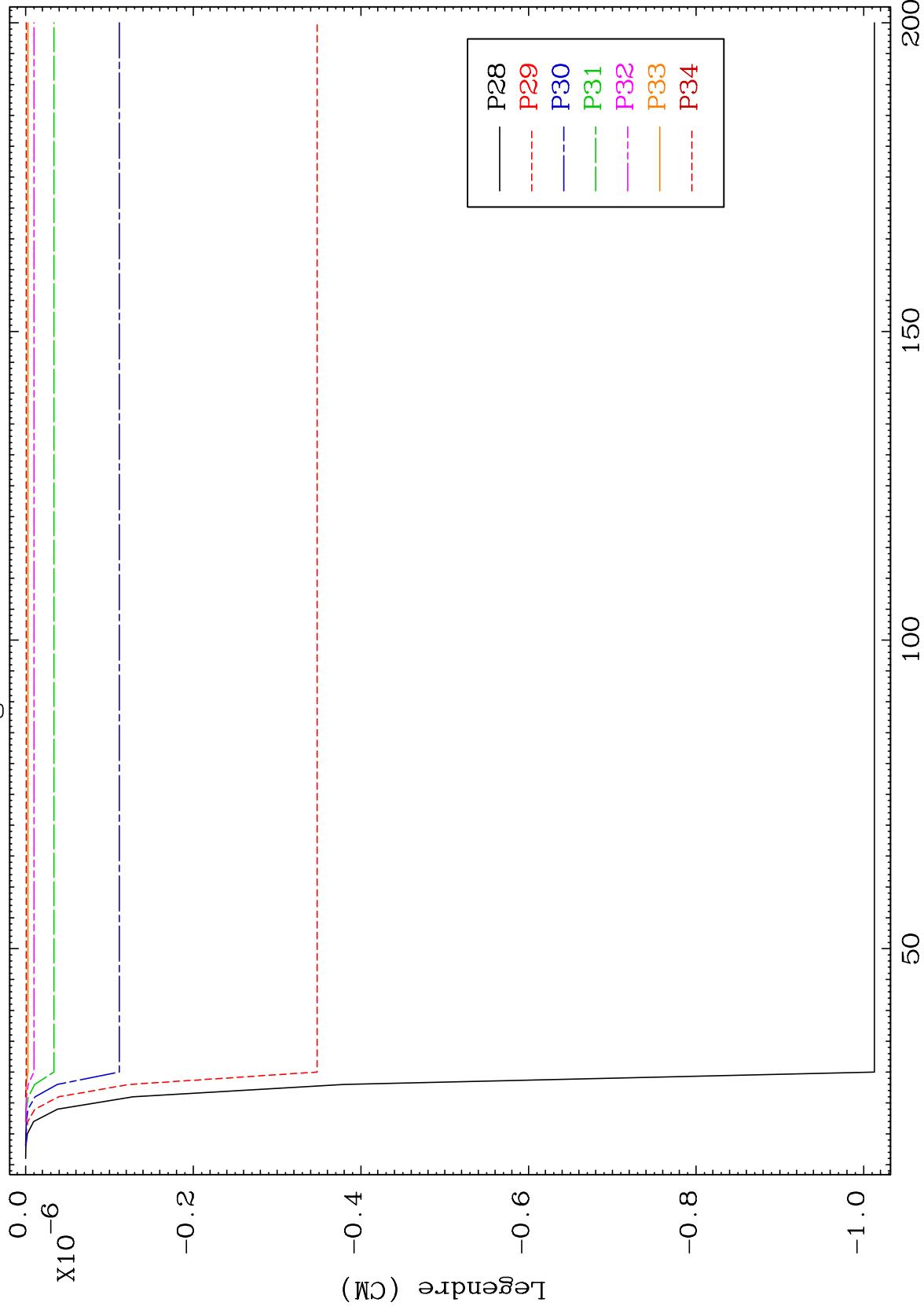
48-Cd-114

MAT 4849

MT= 72 (n,n') Level

48-Cd-114

Legendre Coefficients



103

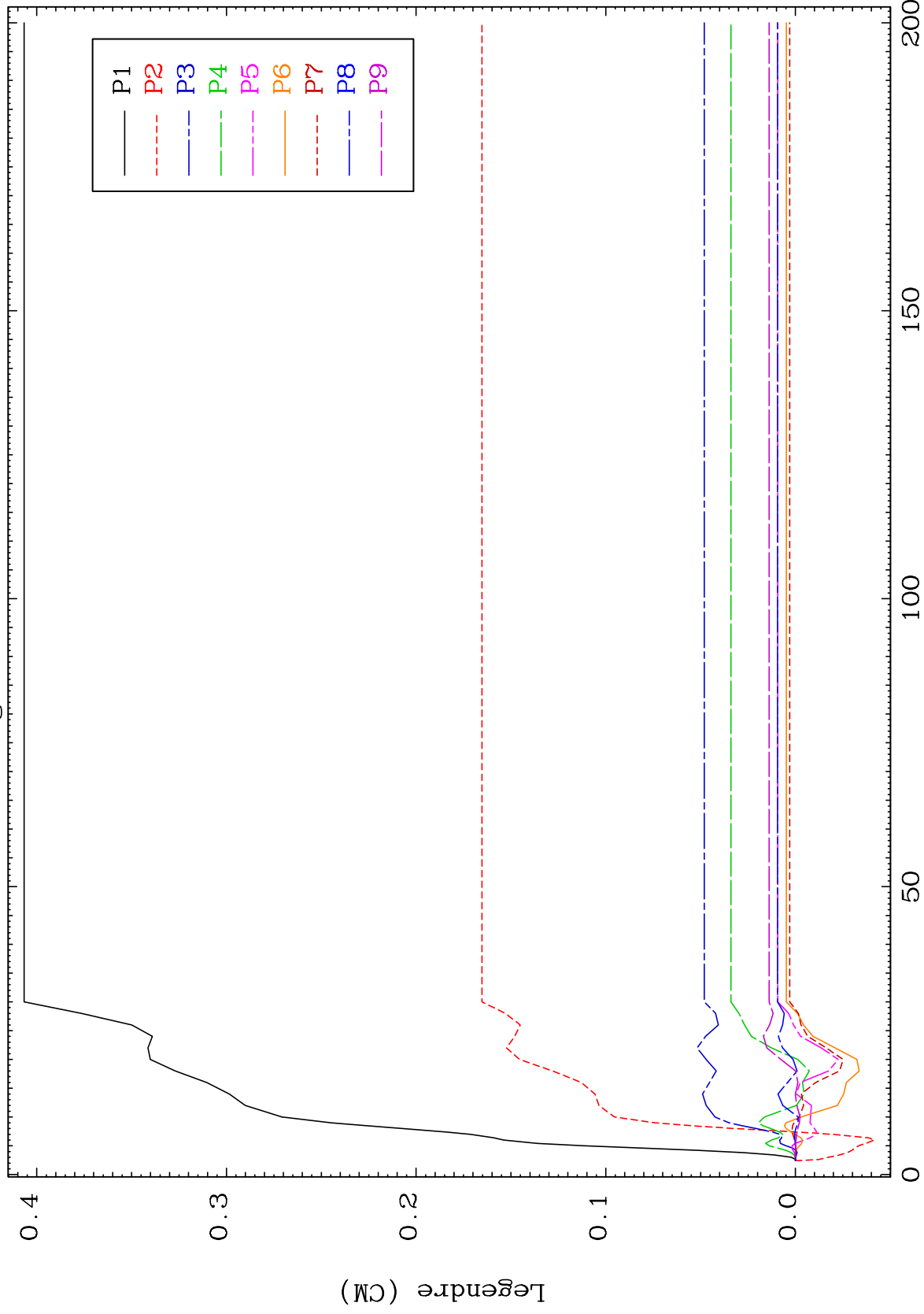
48-Cd-114



MAT 4849

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

48-Cd-114



104

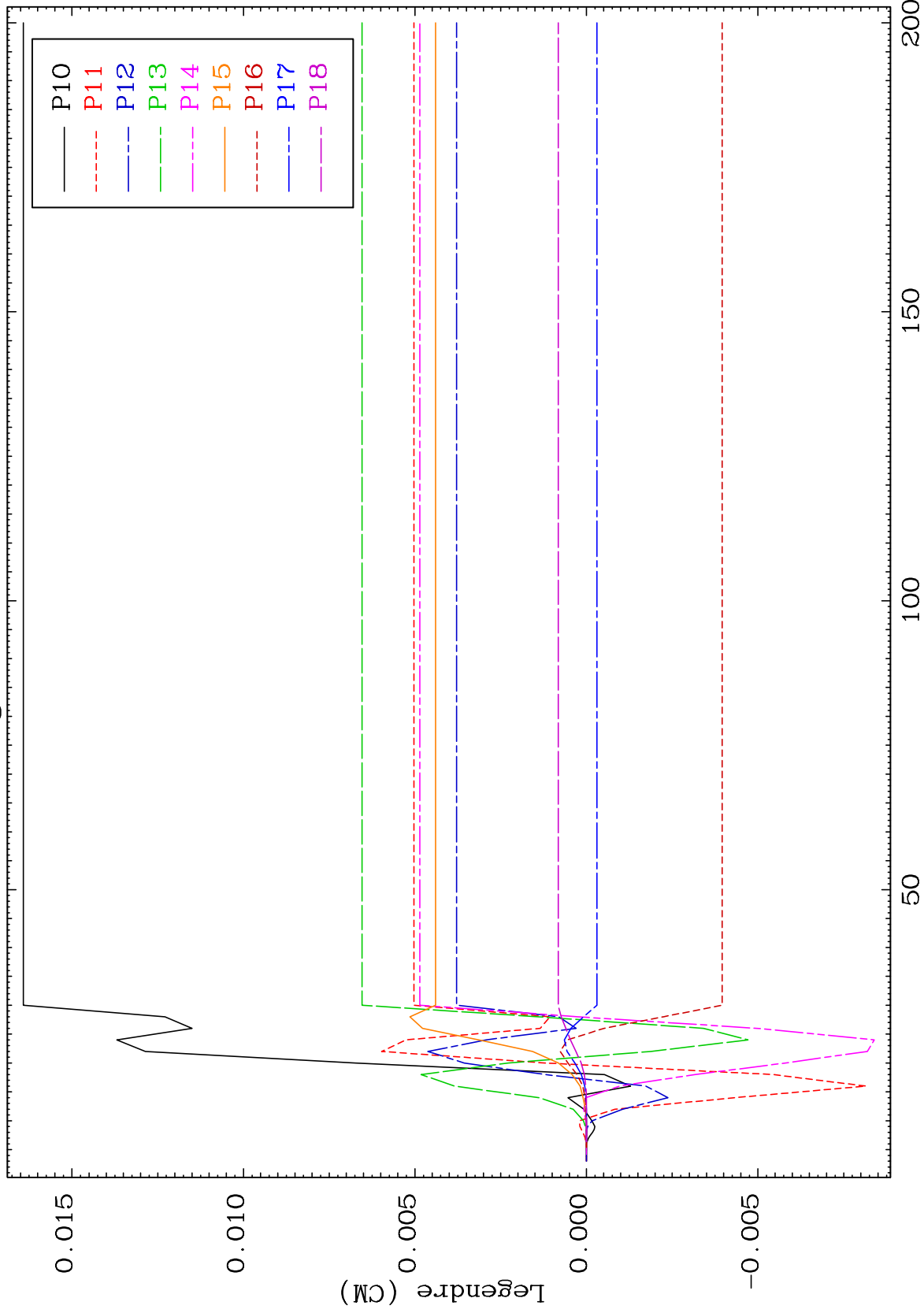
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



105

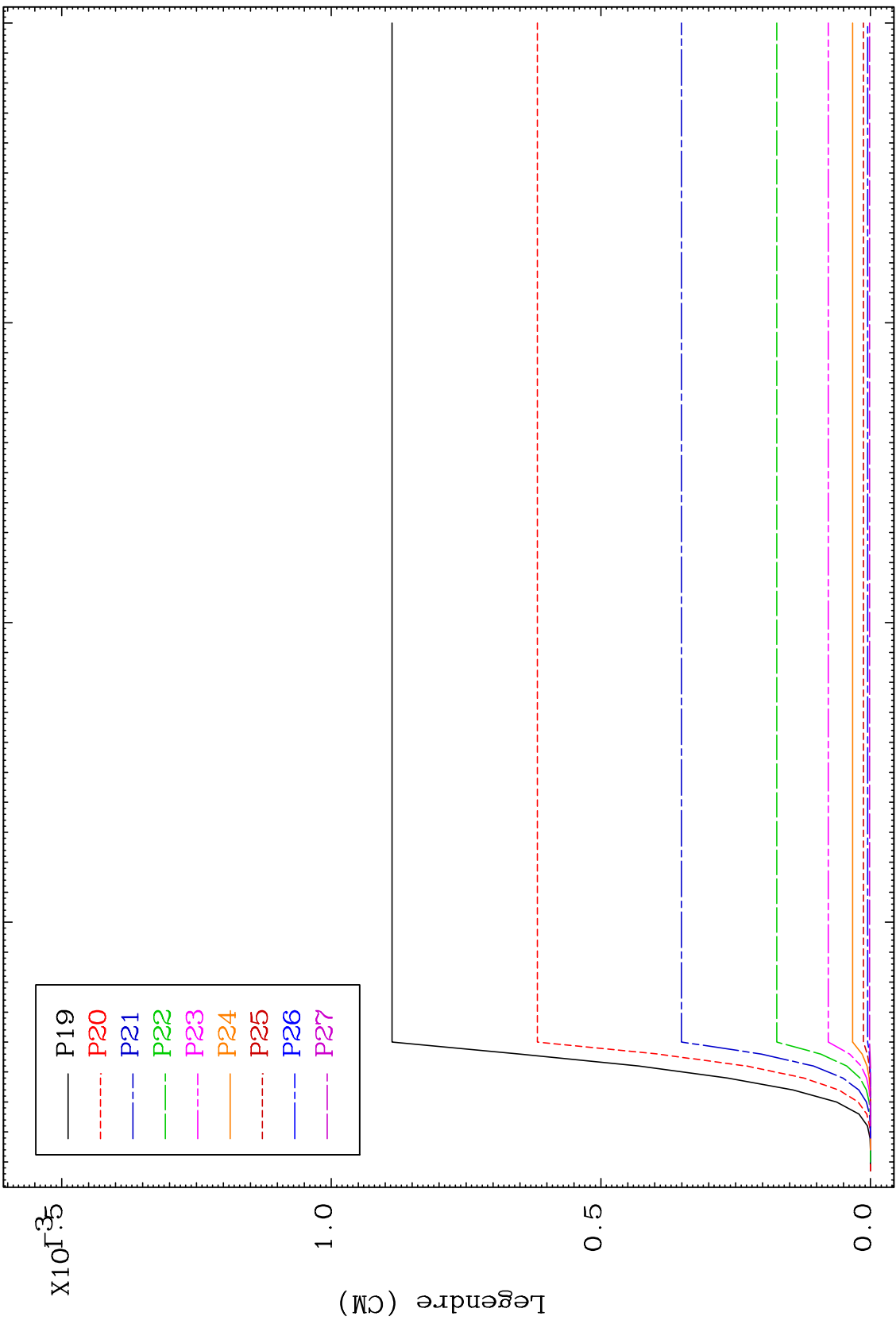
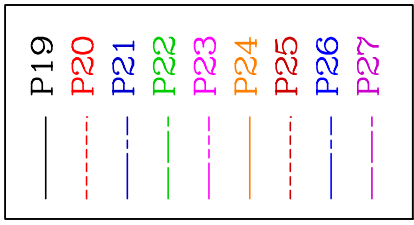
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



106

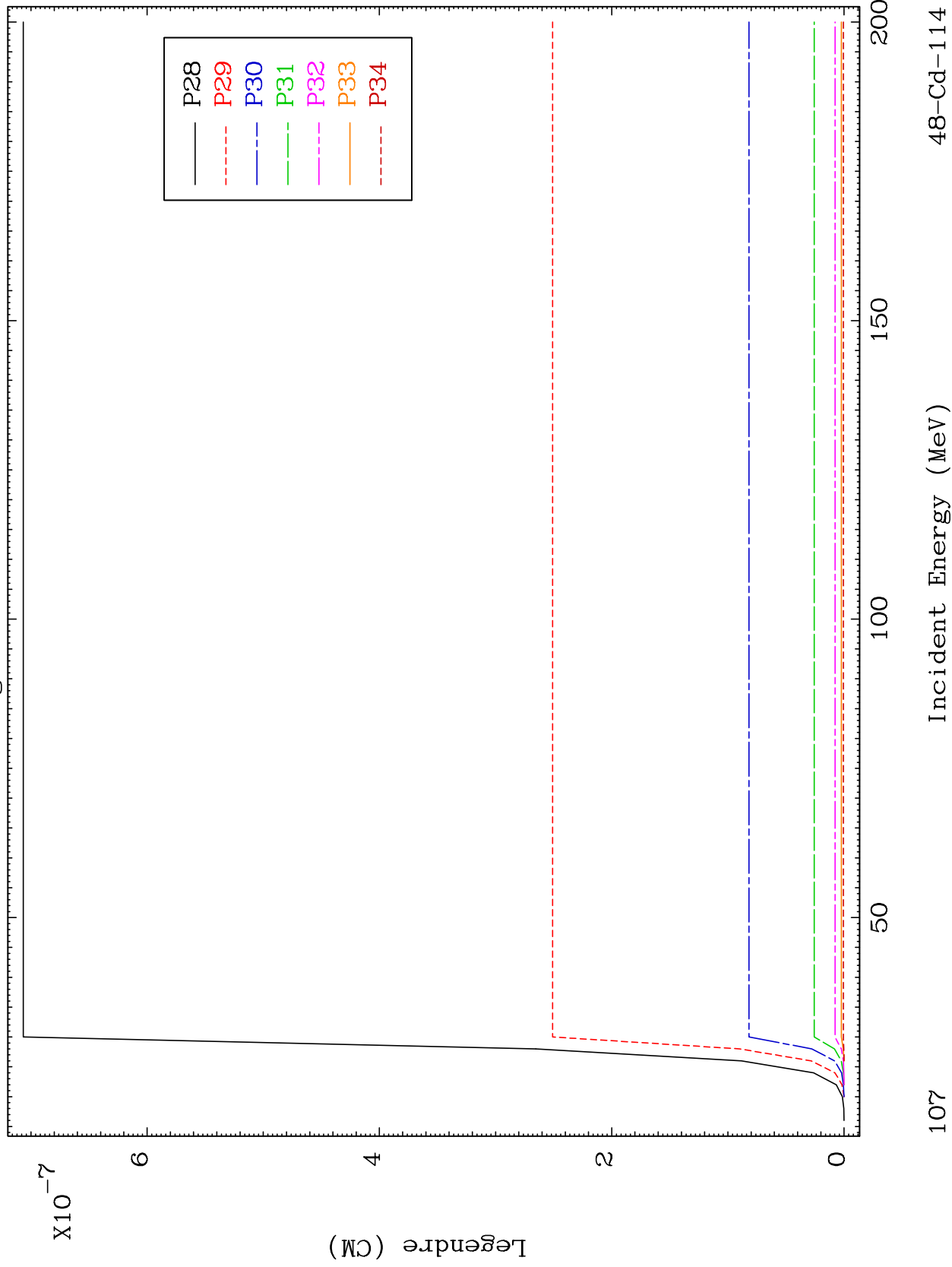
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



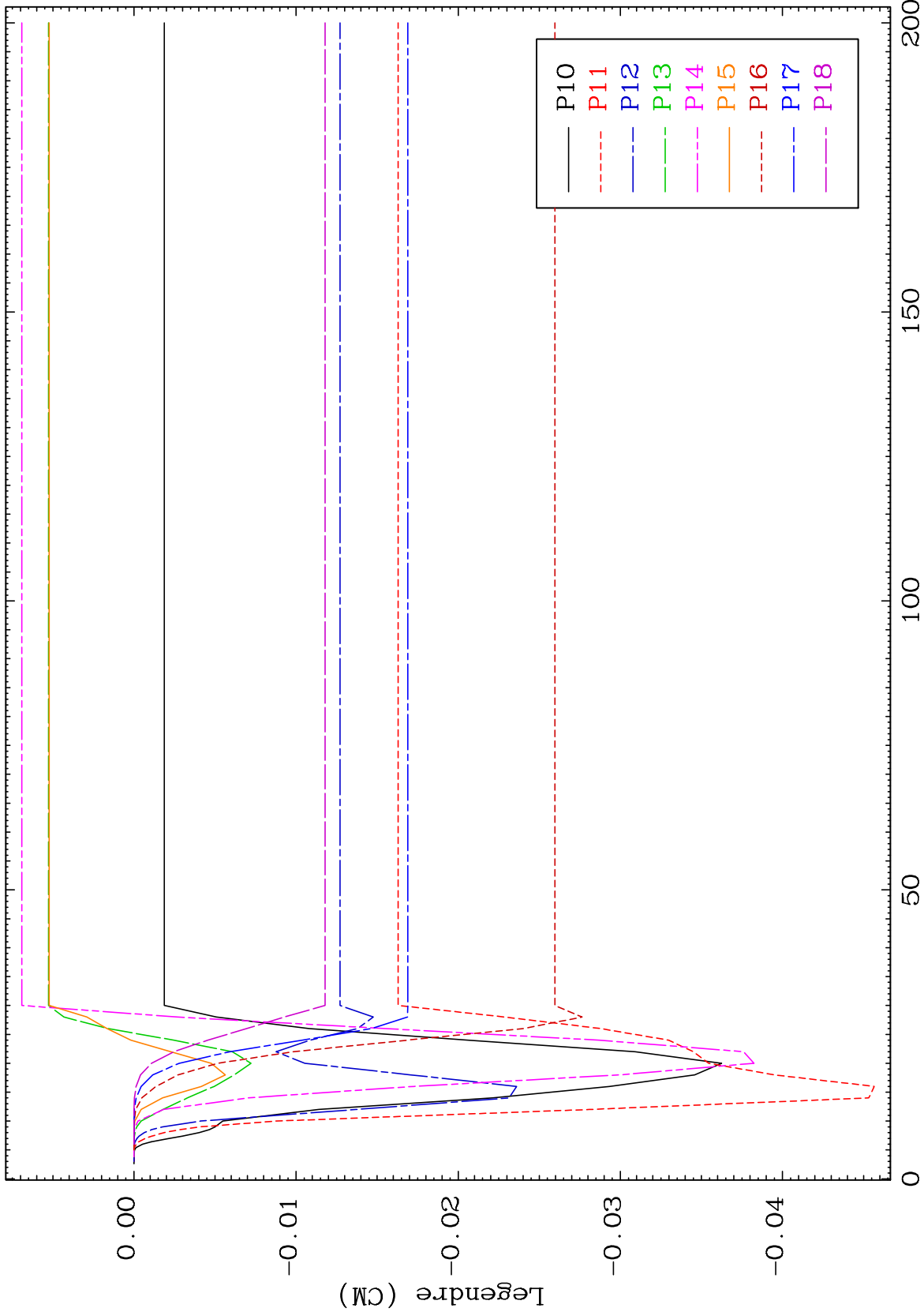
107



MAT 4849

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

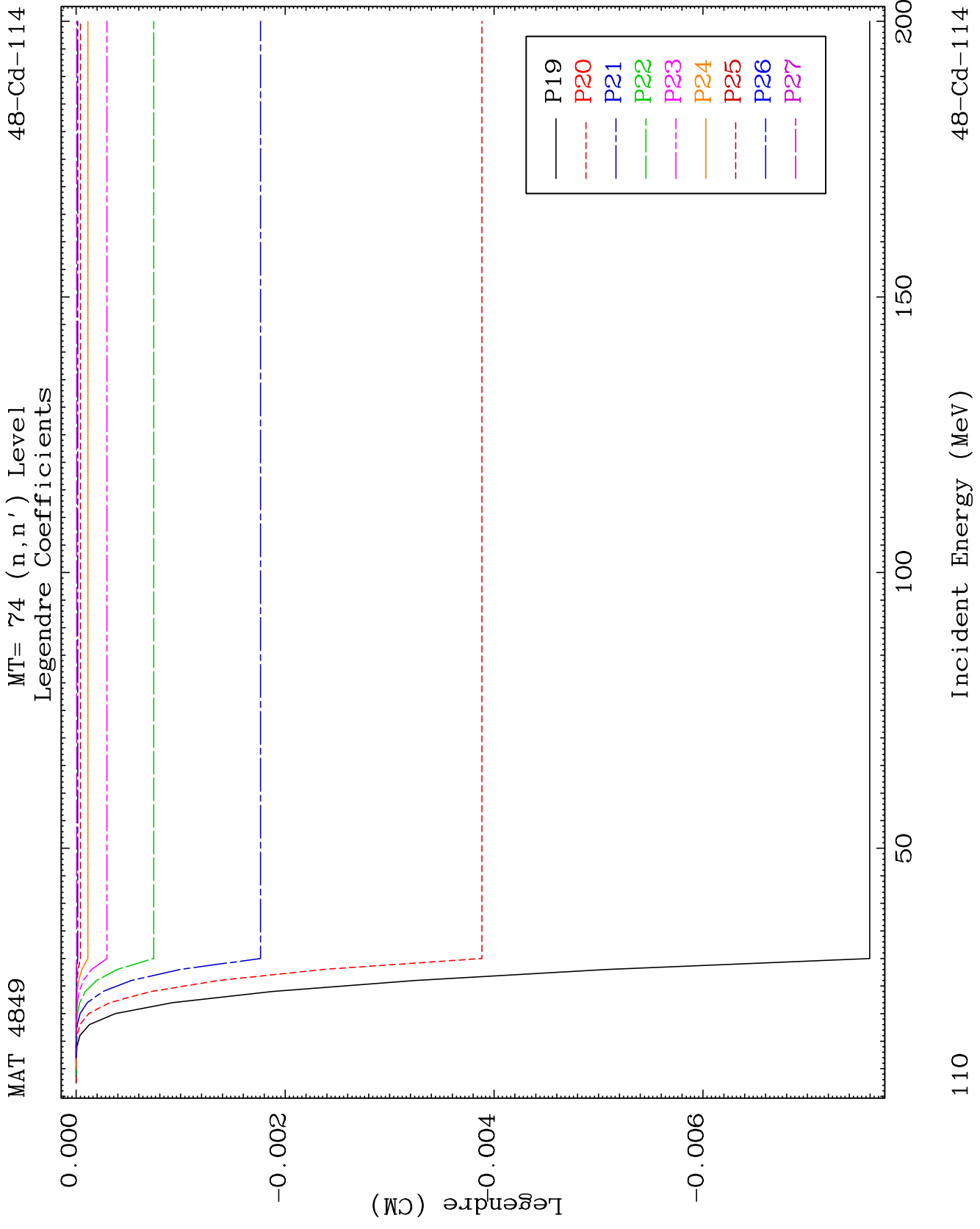
48-Cd-114

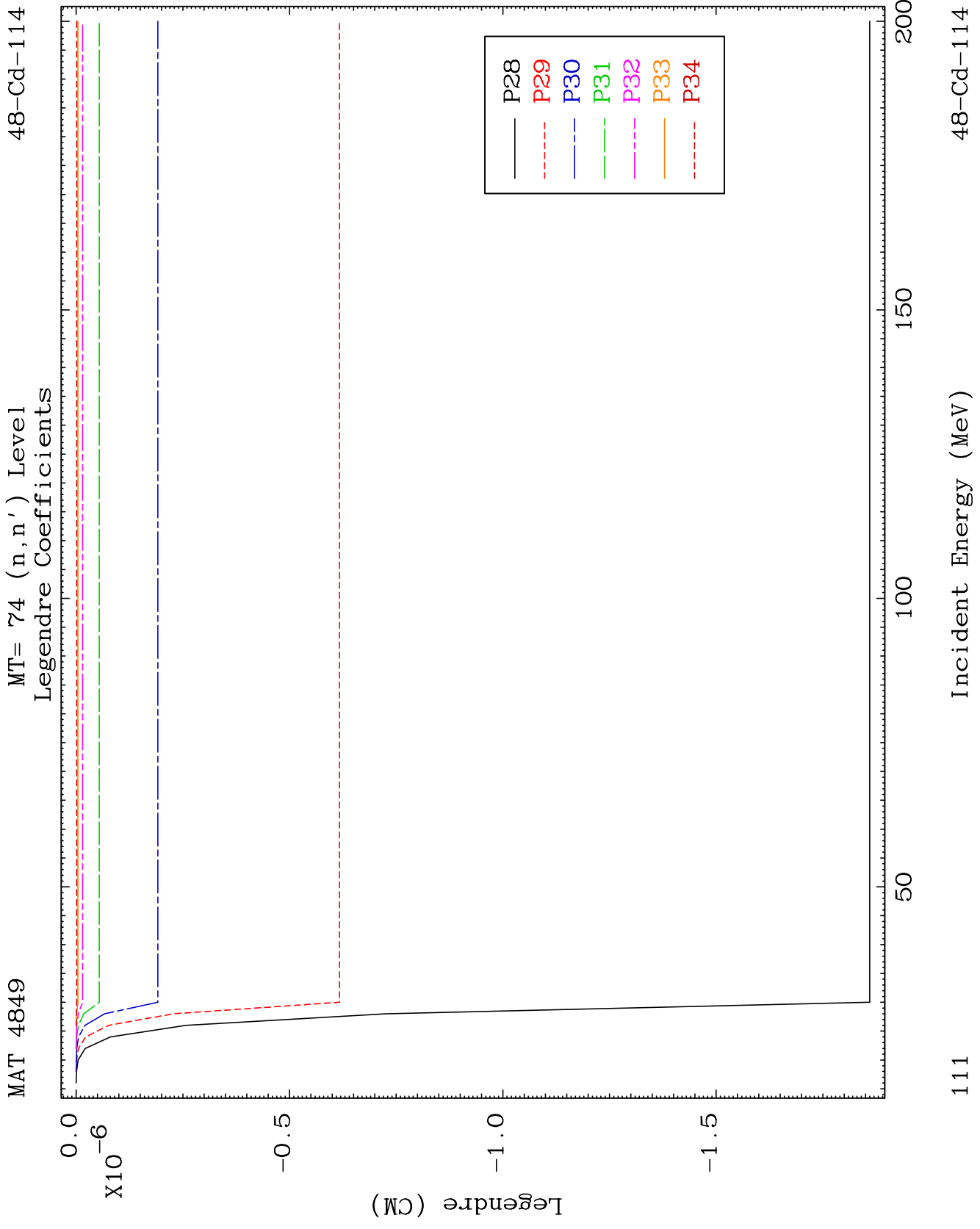


109

Incident Energy (MeV)

48-Cd-114



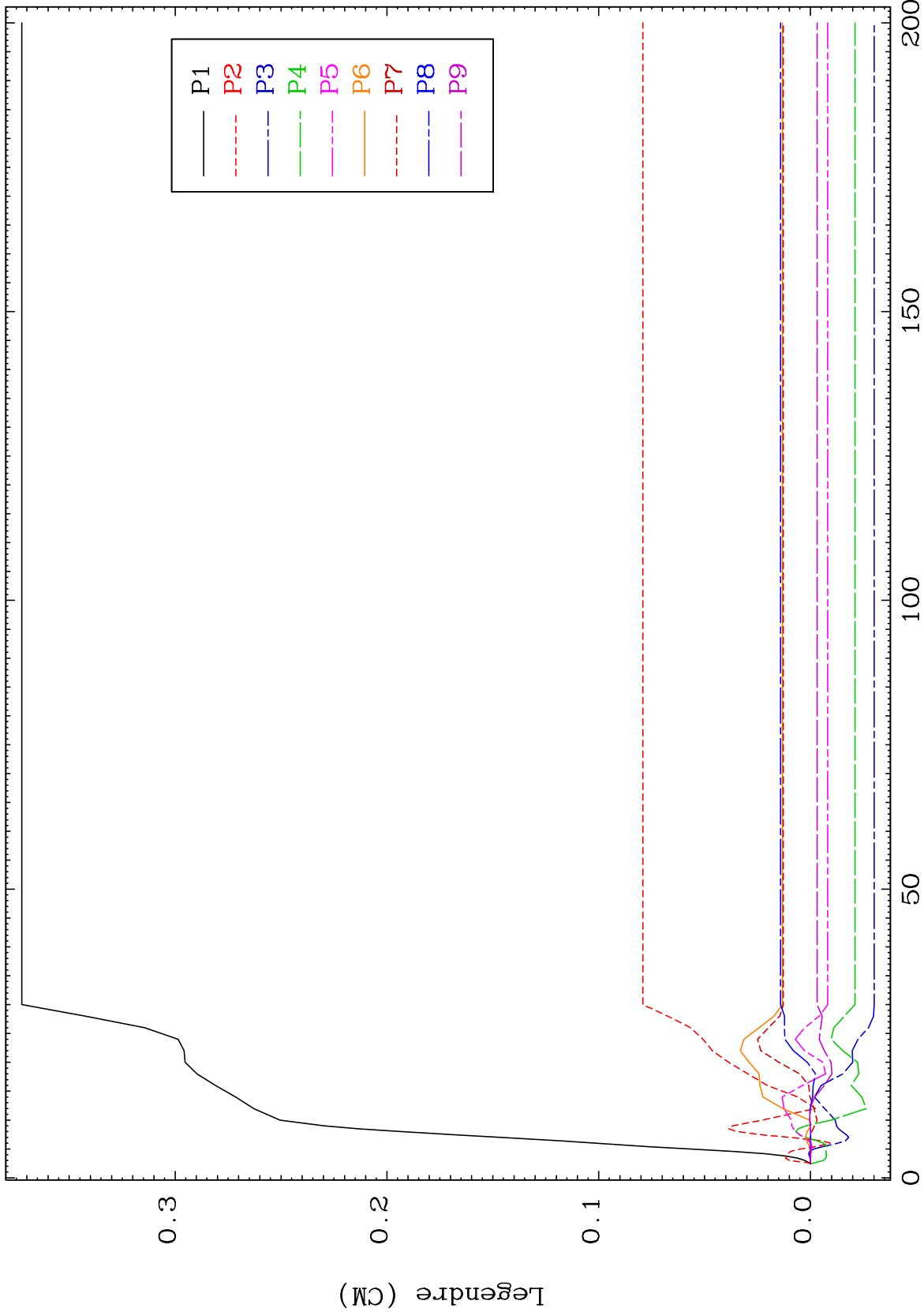




MAT 4849

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

48-Cd-114



112

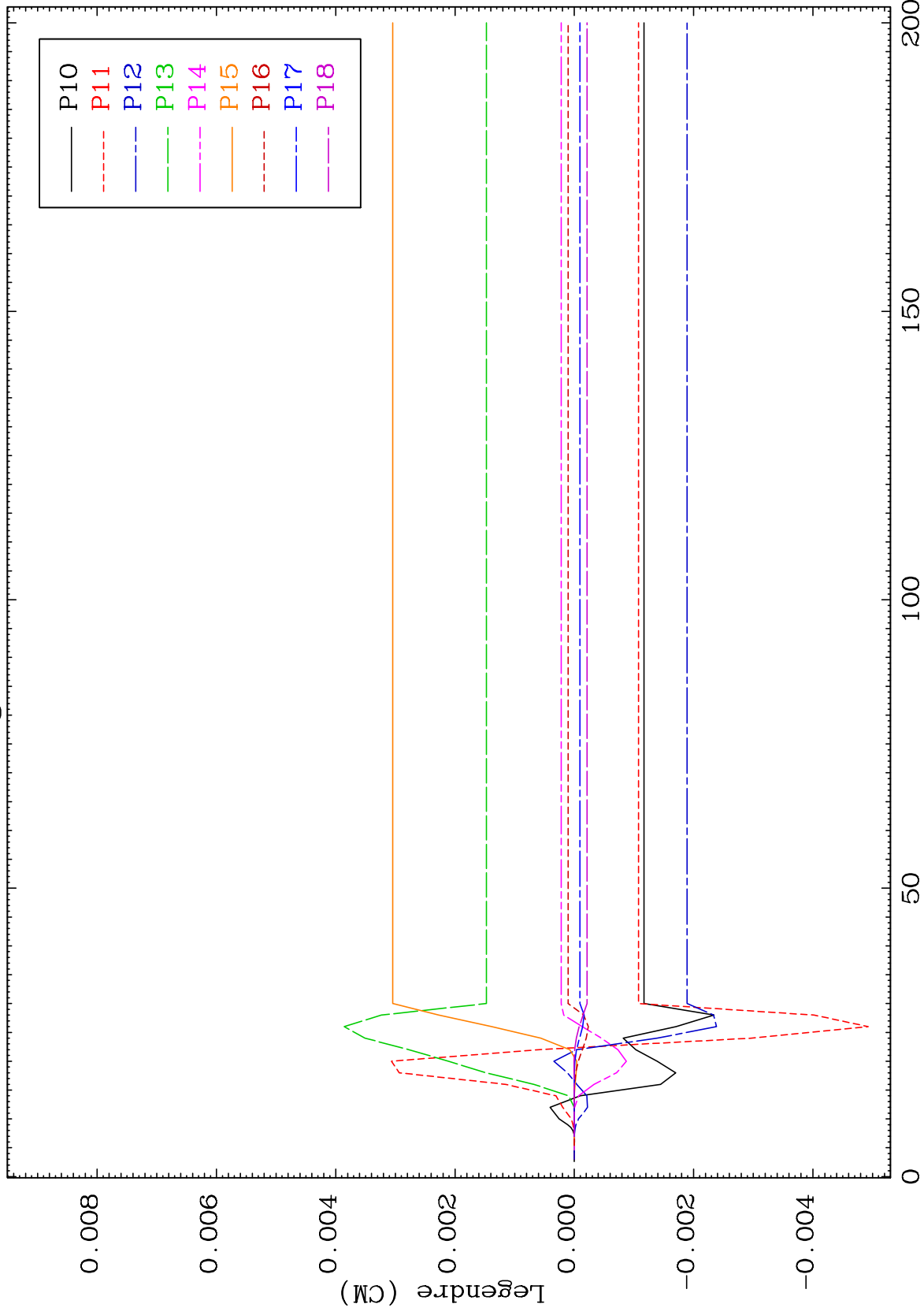
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



113

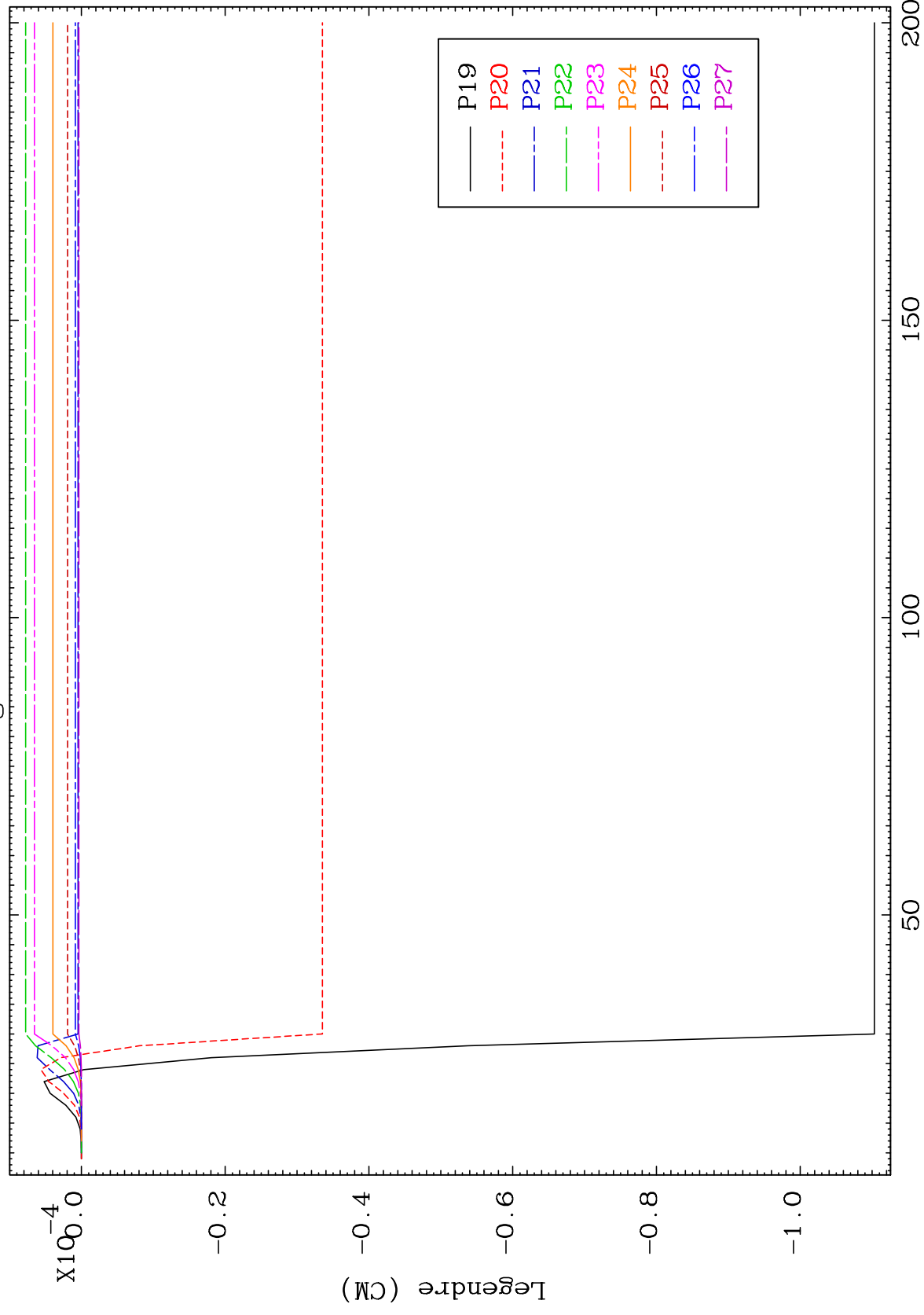
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



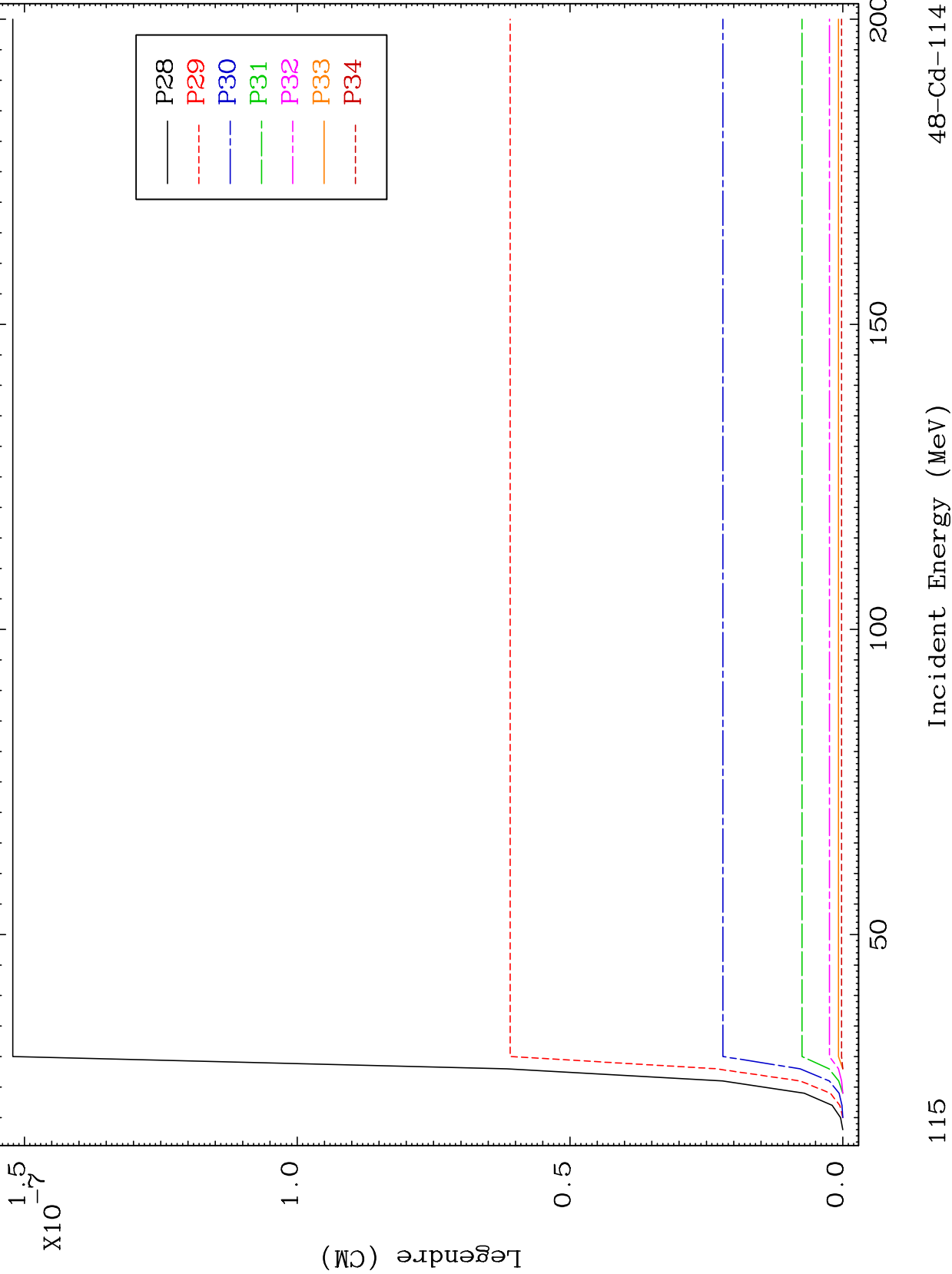
114

48-Cd-114

MAT 4849

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

48-Cd-114



115

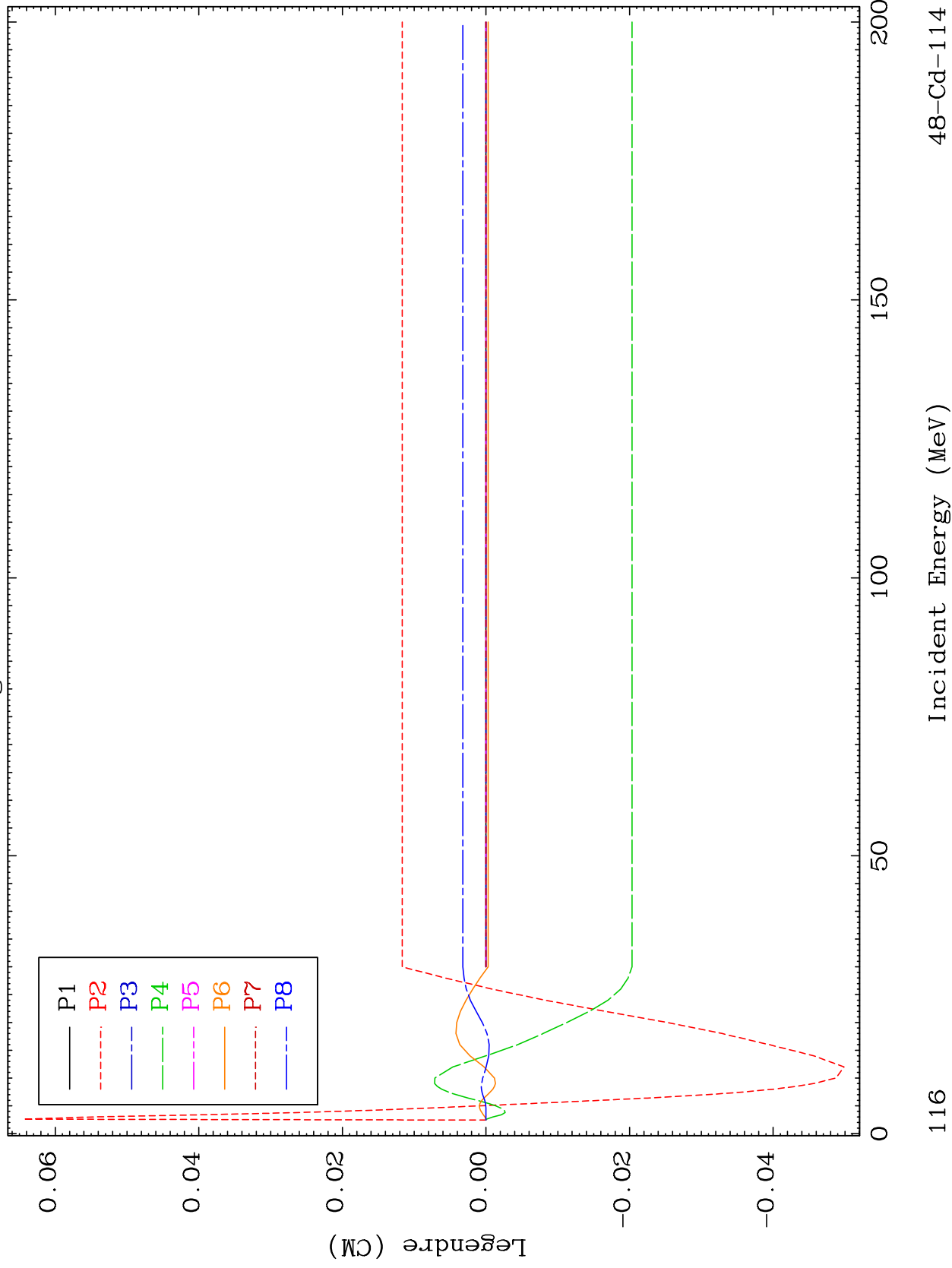
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



48-Cd-114

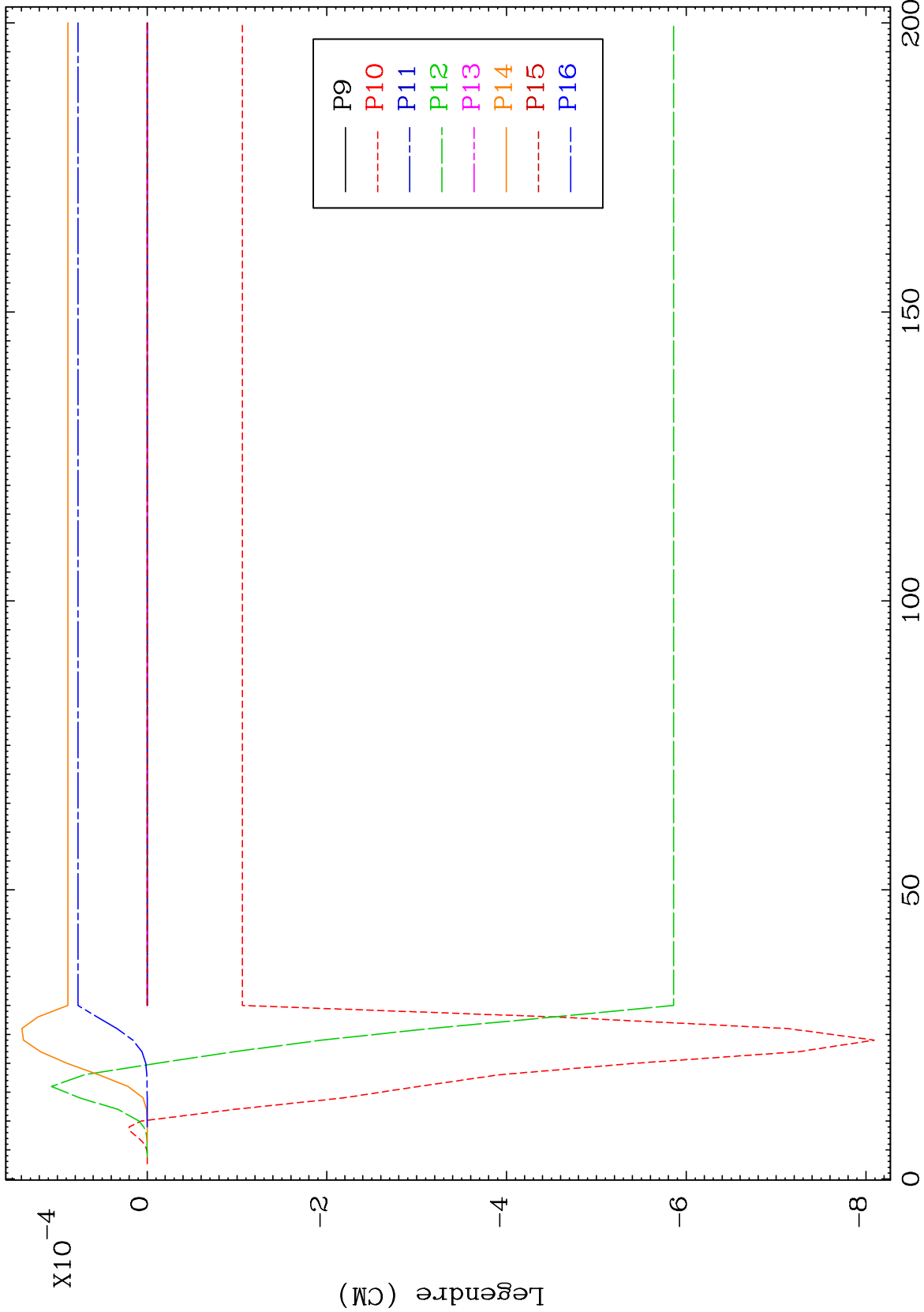
Incident Energy (MeV)

116

MAT 4849

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

48-Cd-114



117

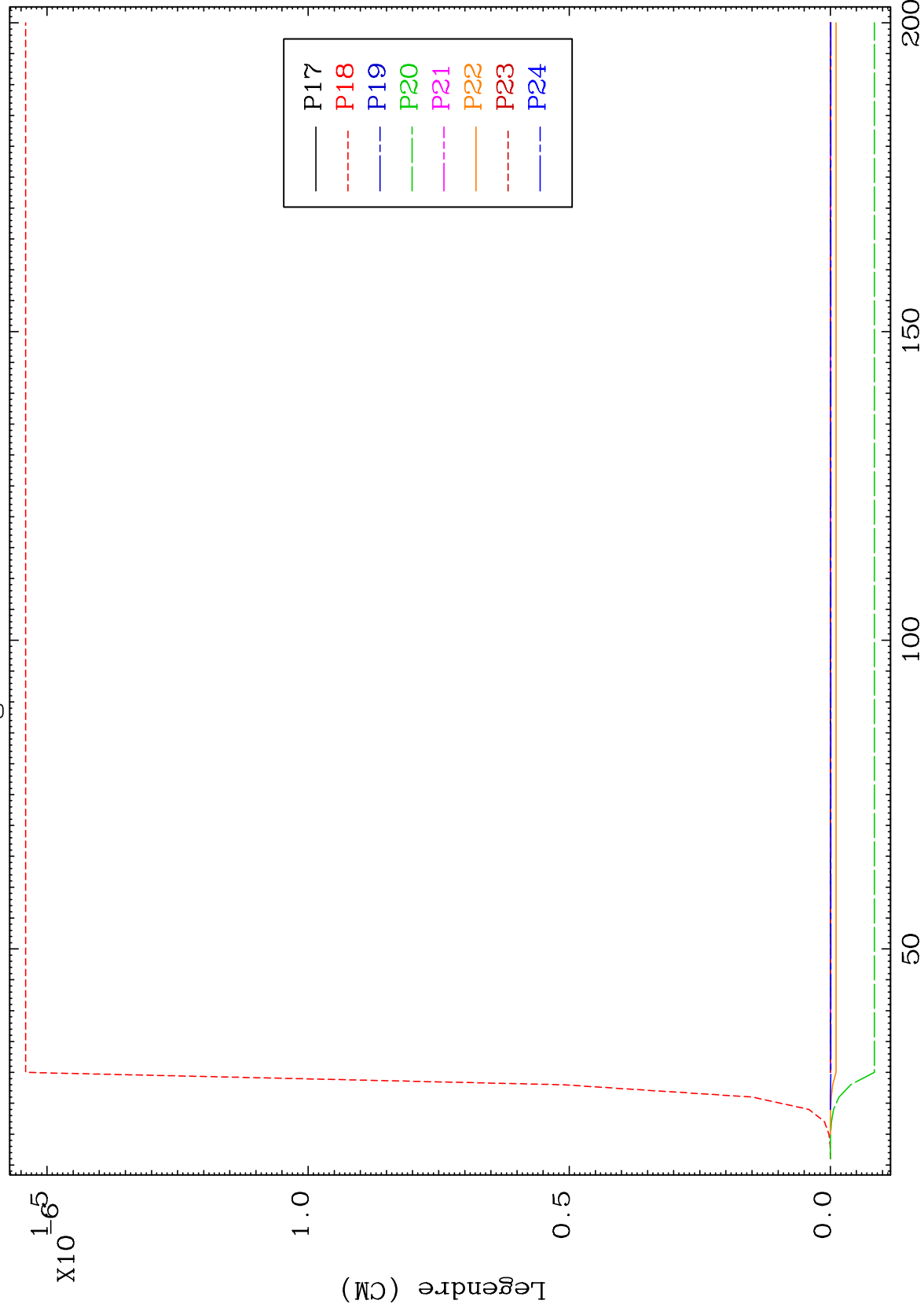
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

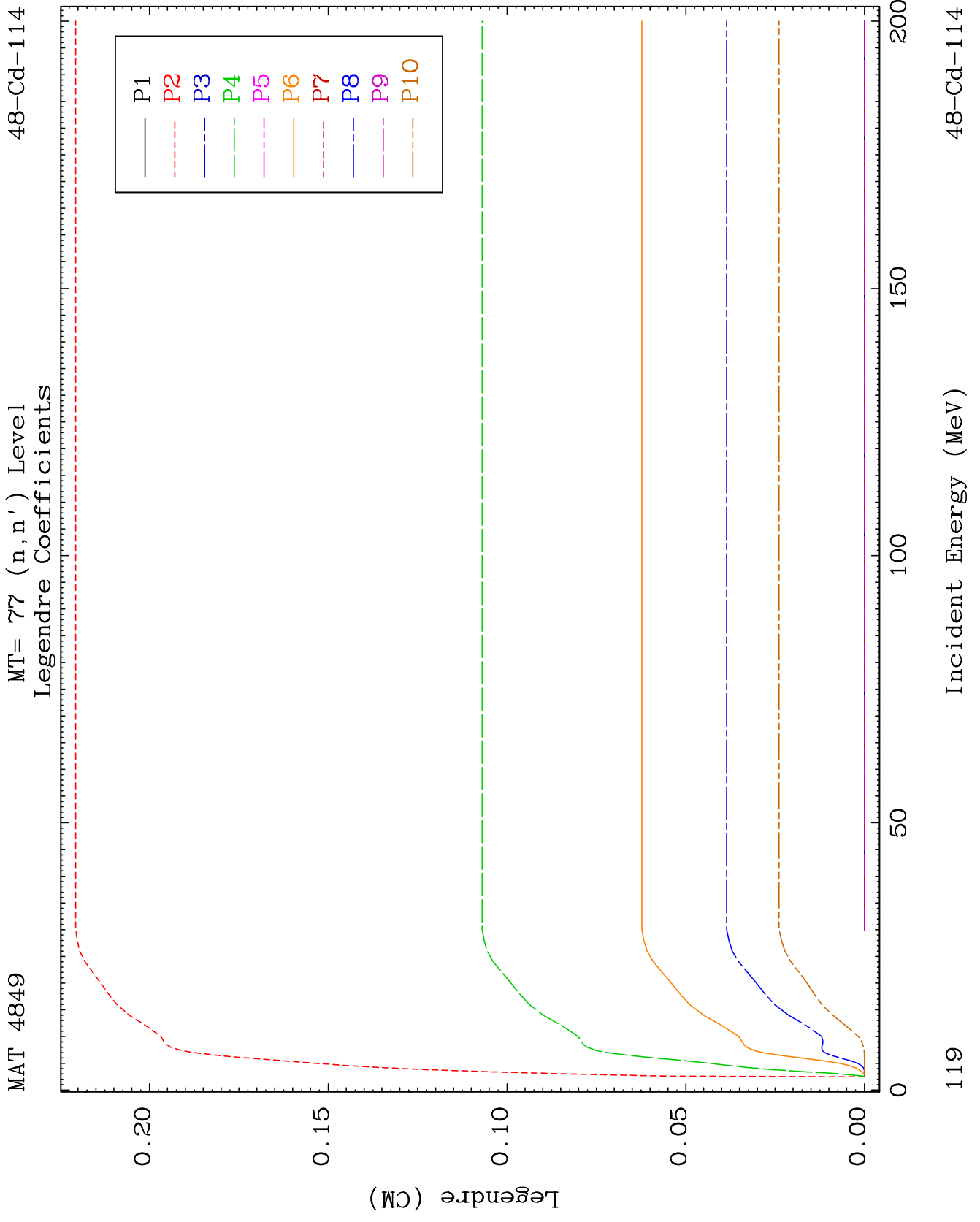
48-Cd-114



118

Incident Energy (MeV)

48-Cd-114



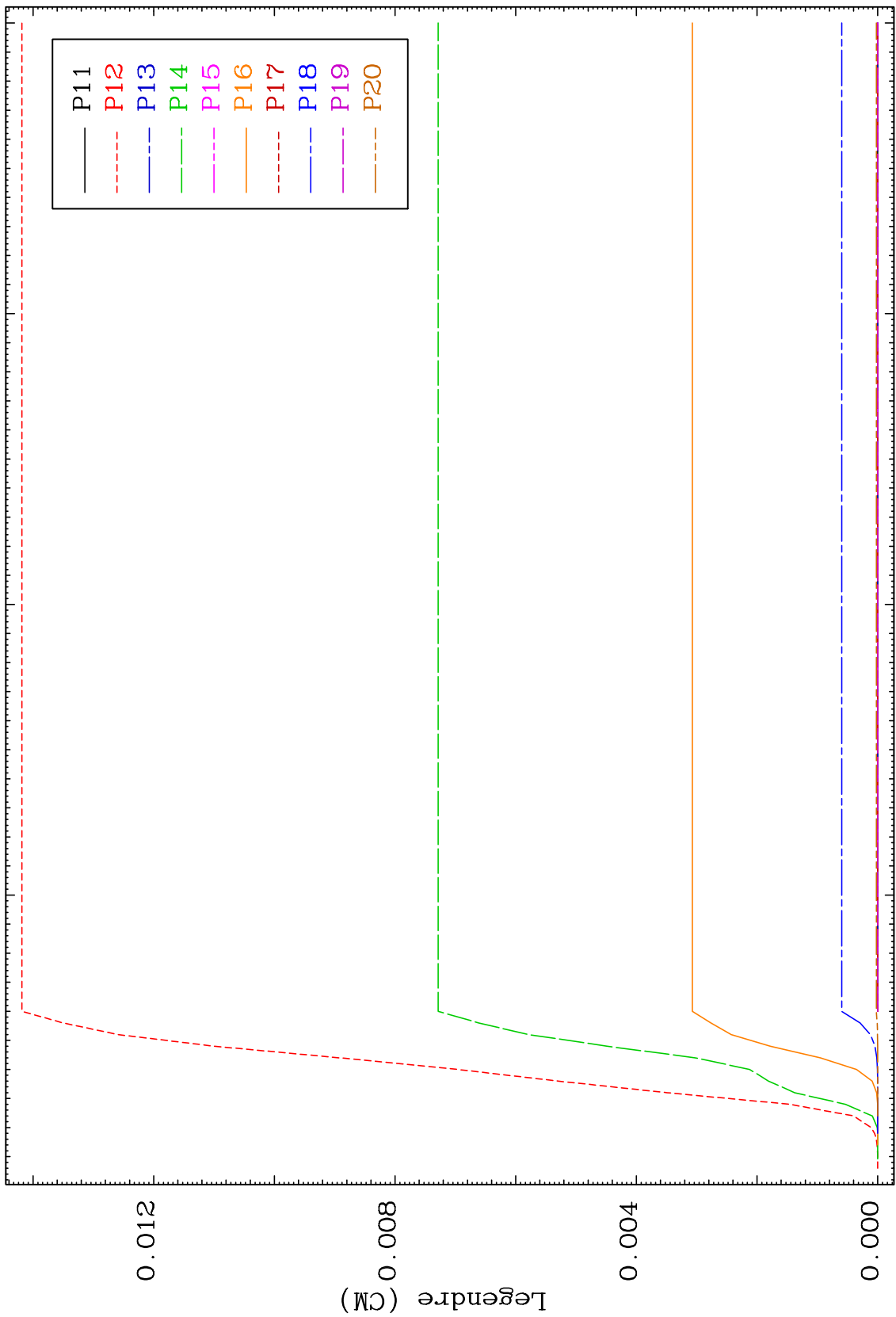


MAT 4849

MT= 77 (n,n') Level

48-Cd-114

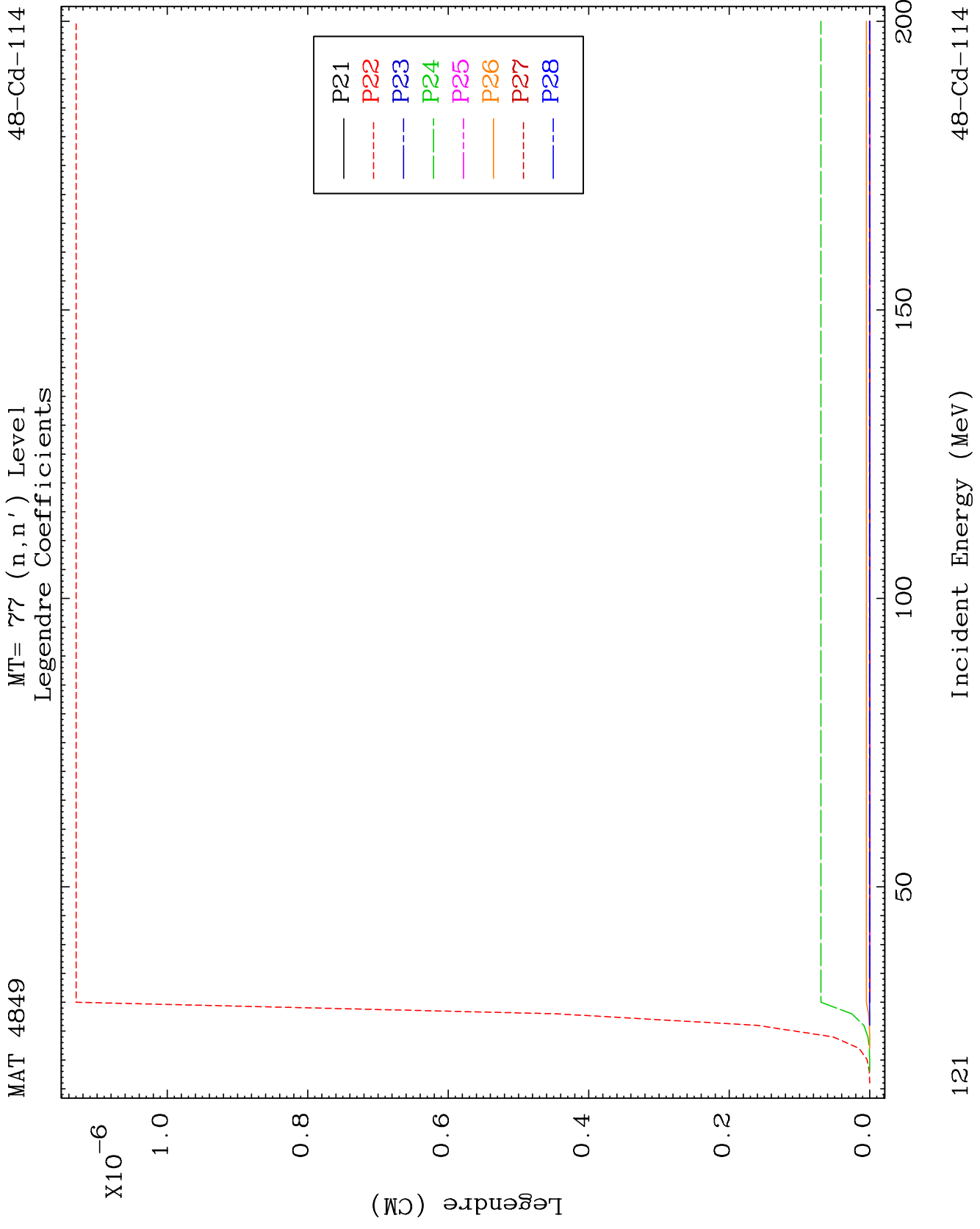
Legendre Coefficients



120

Incident Energy (MeV)

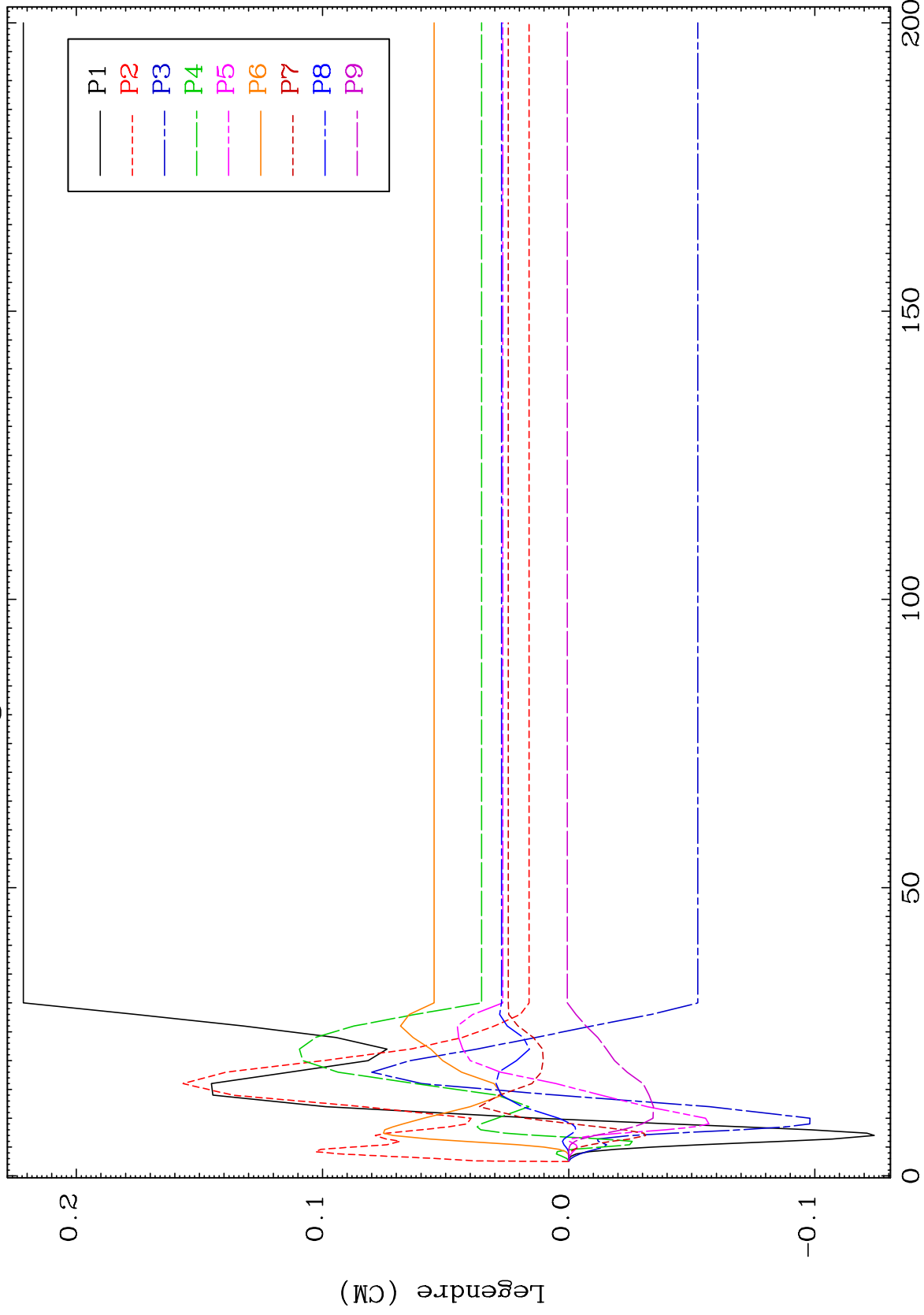
48-Cd-114



MAT 4849

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

48-Cd-114



122

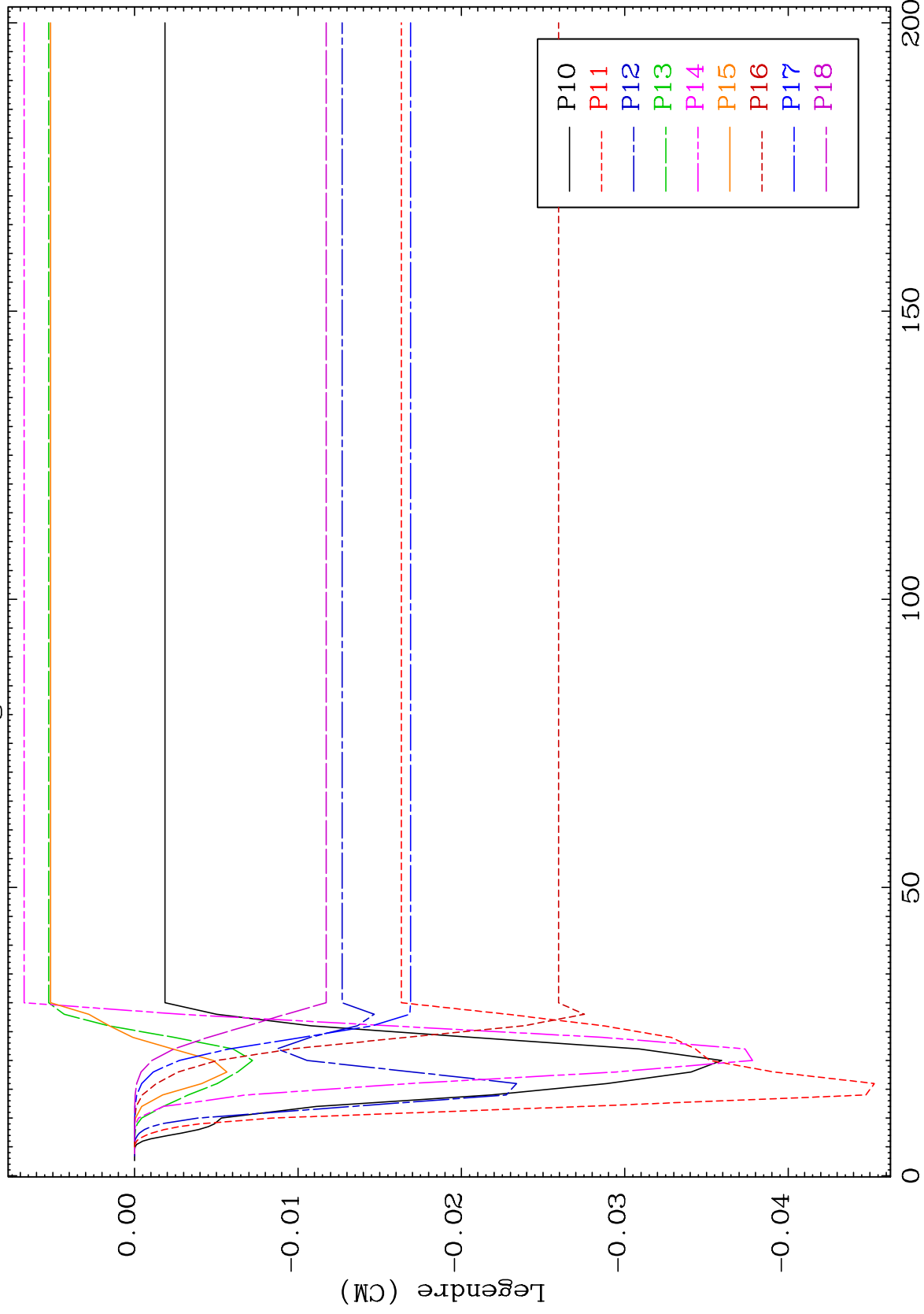
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

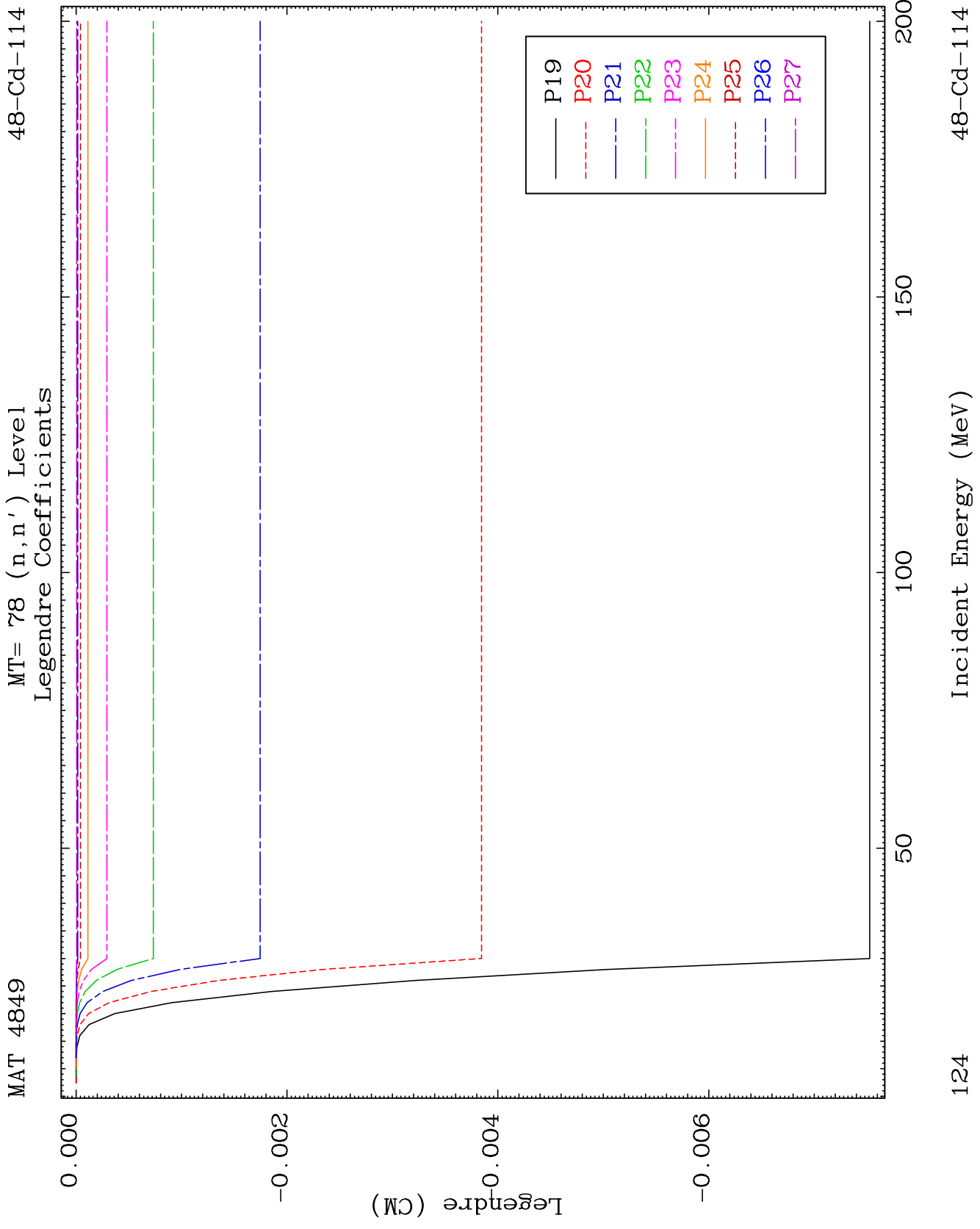
MT= 78 (n,n') Level  
Legendre Coefficients

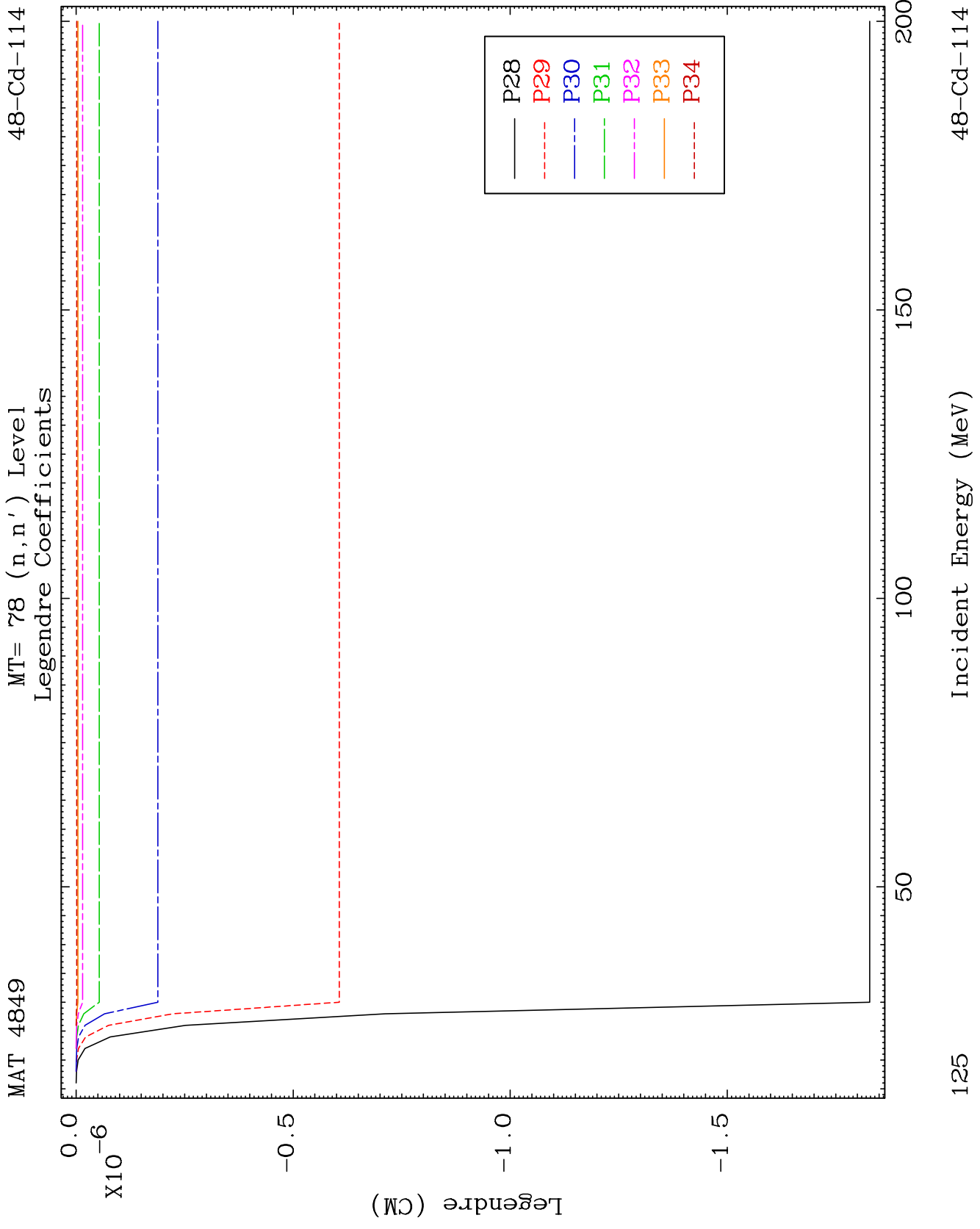


123

Incident Energy (MeV)

48-Cd-114

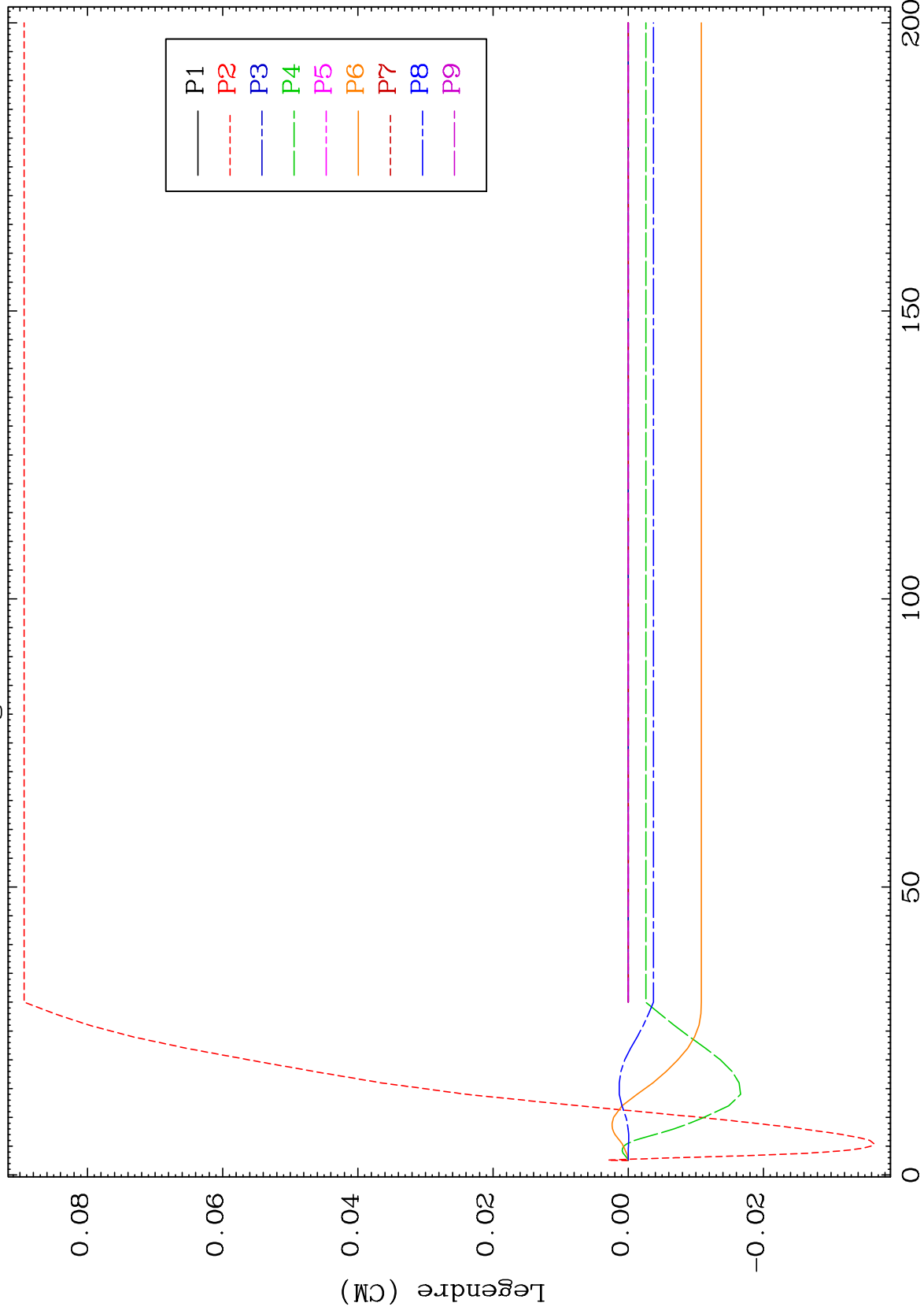




MAT 4849

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

48-Cd-114



126

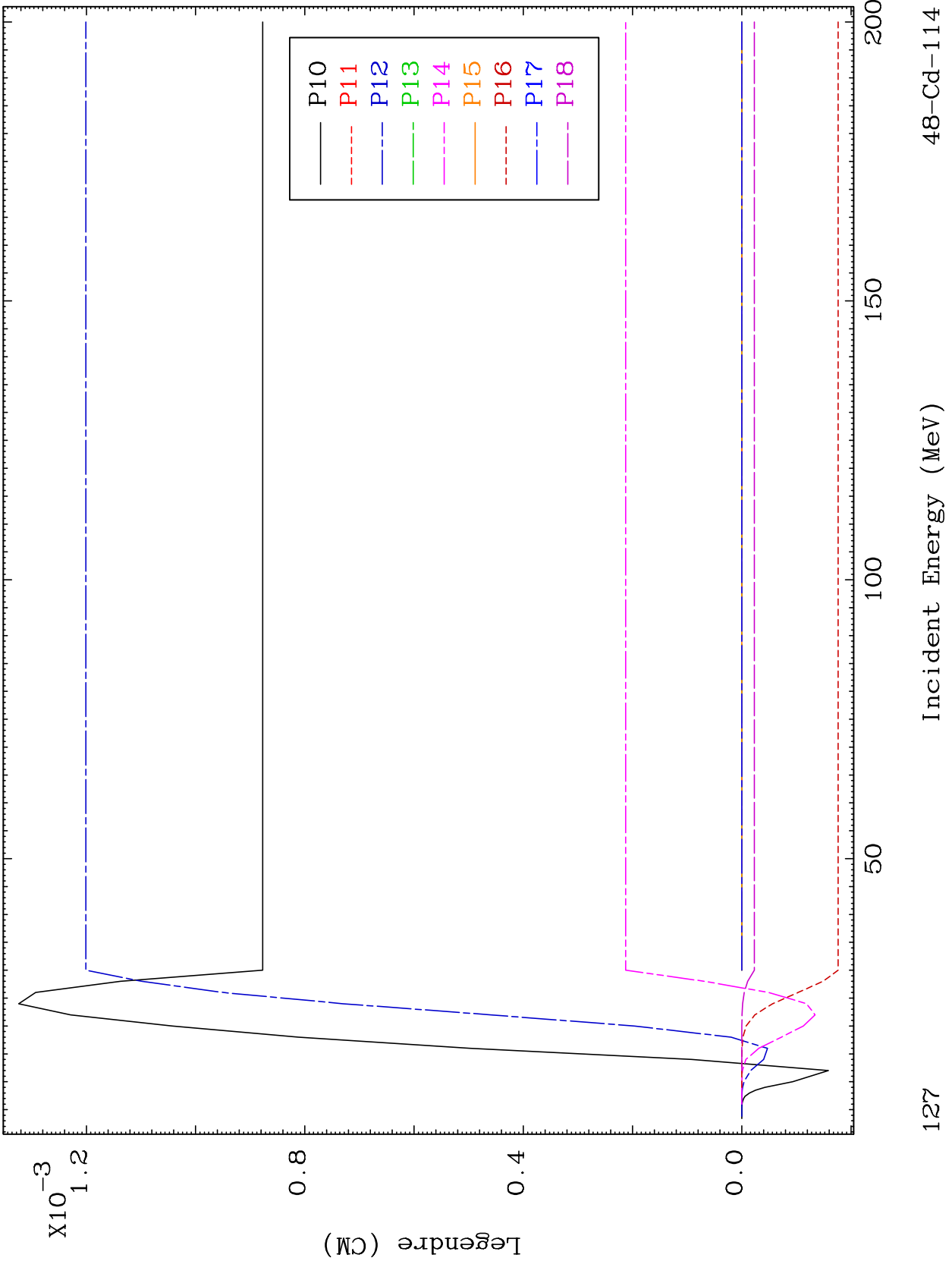
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



127

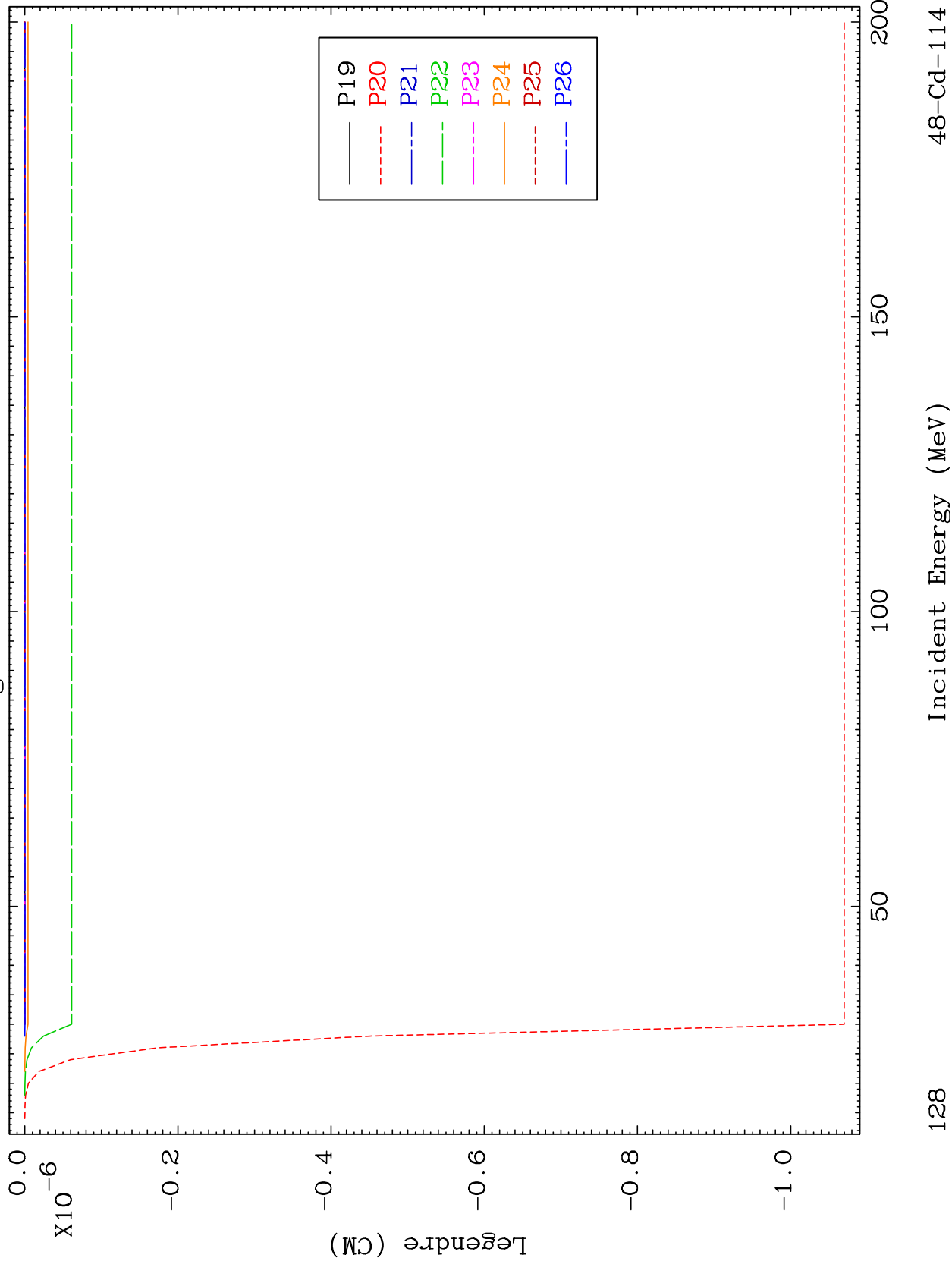
48-Cd-114



MAT 4849

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

48-Cd-114



128

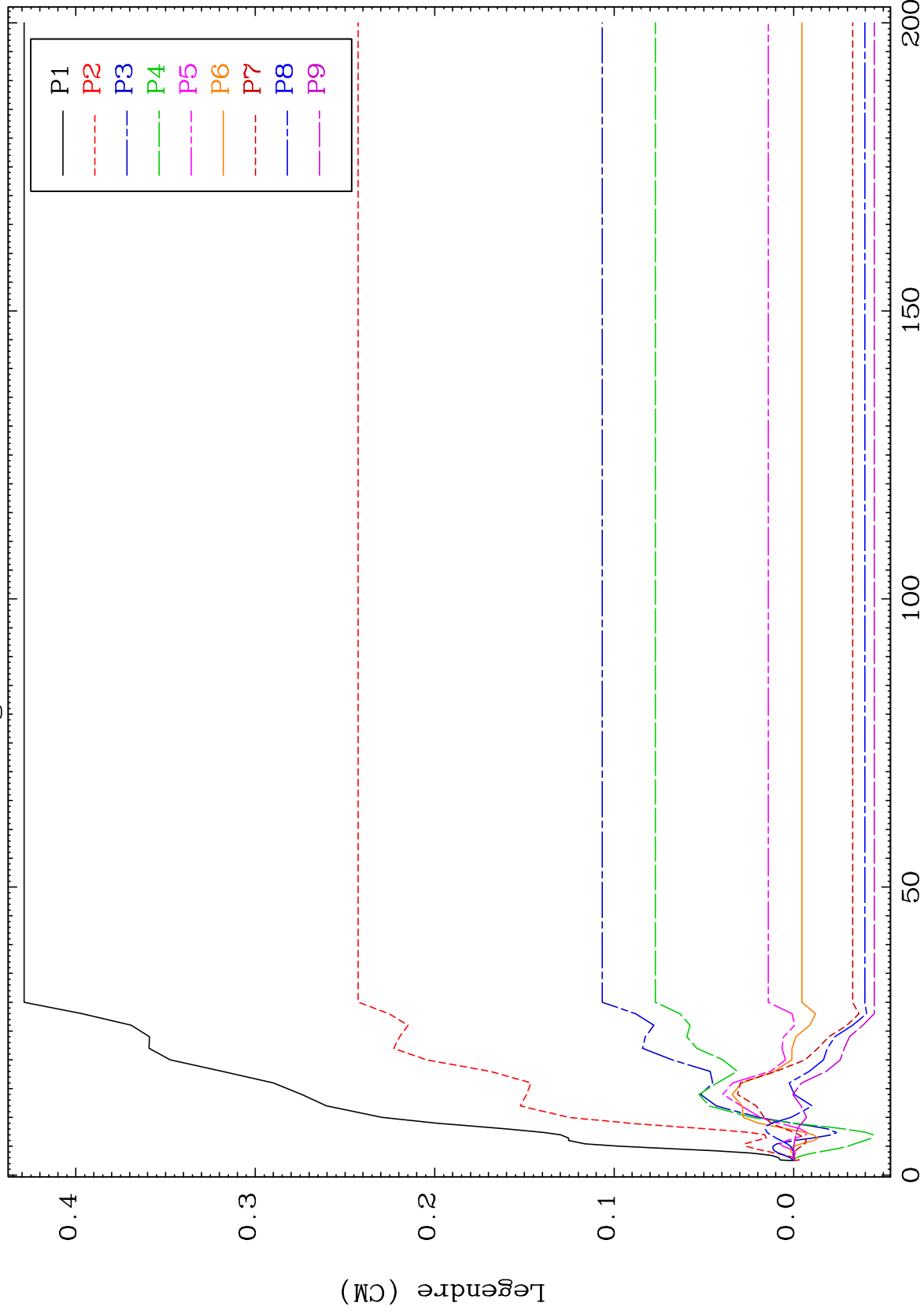
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114



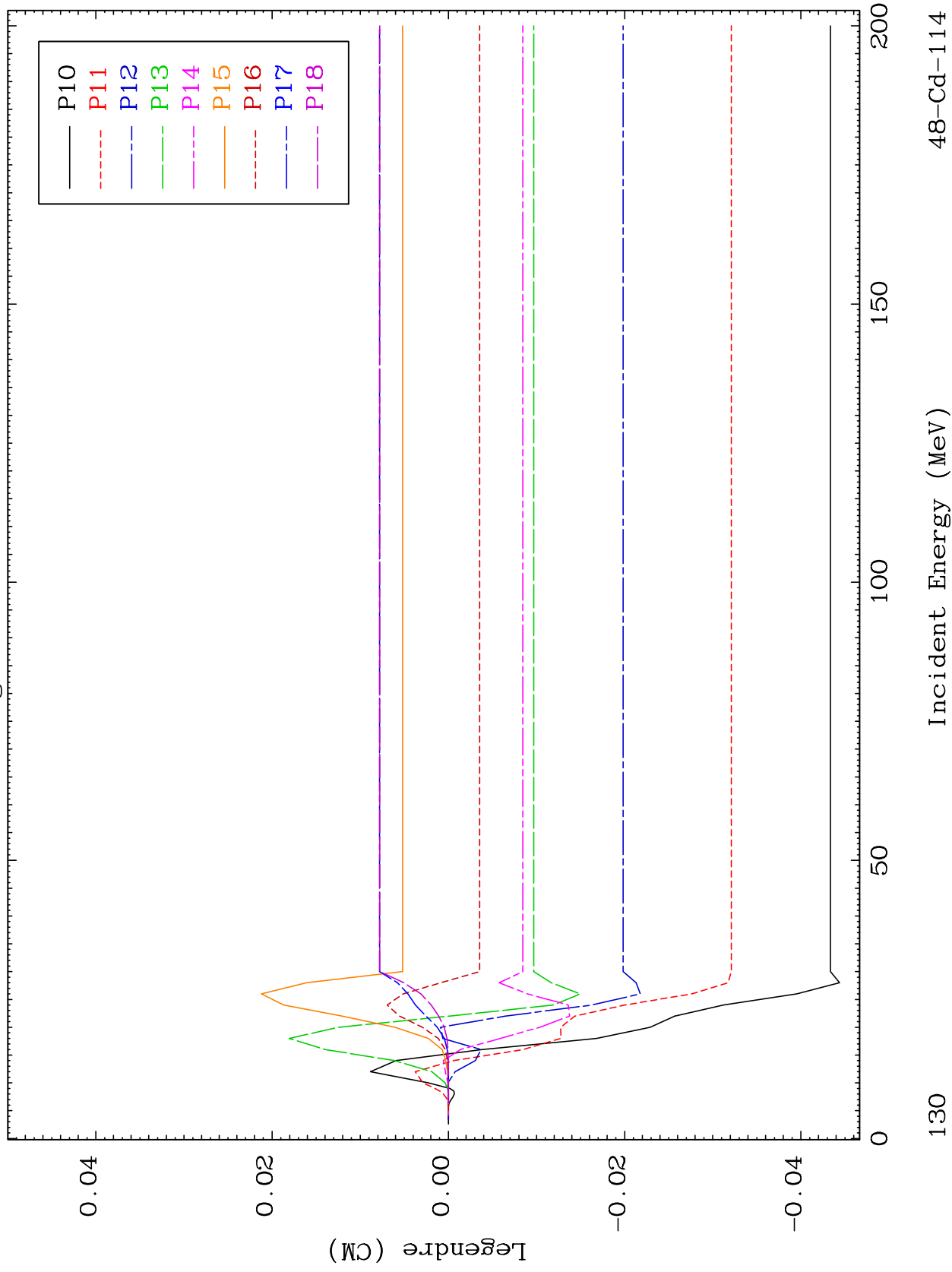
129

48-Cd-114

MAT 4849

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

48-Cd-114



48-Cd-114

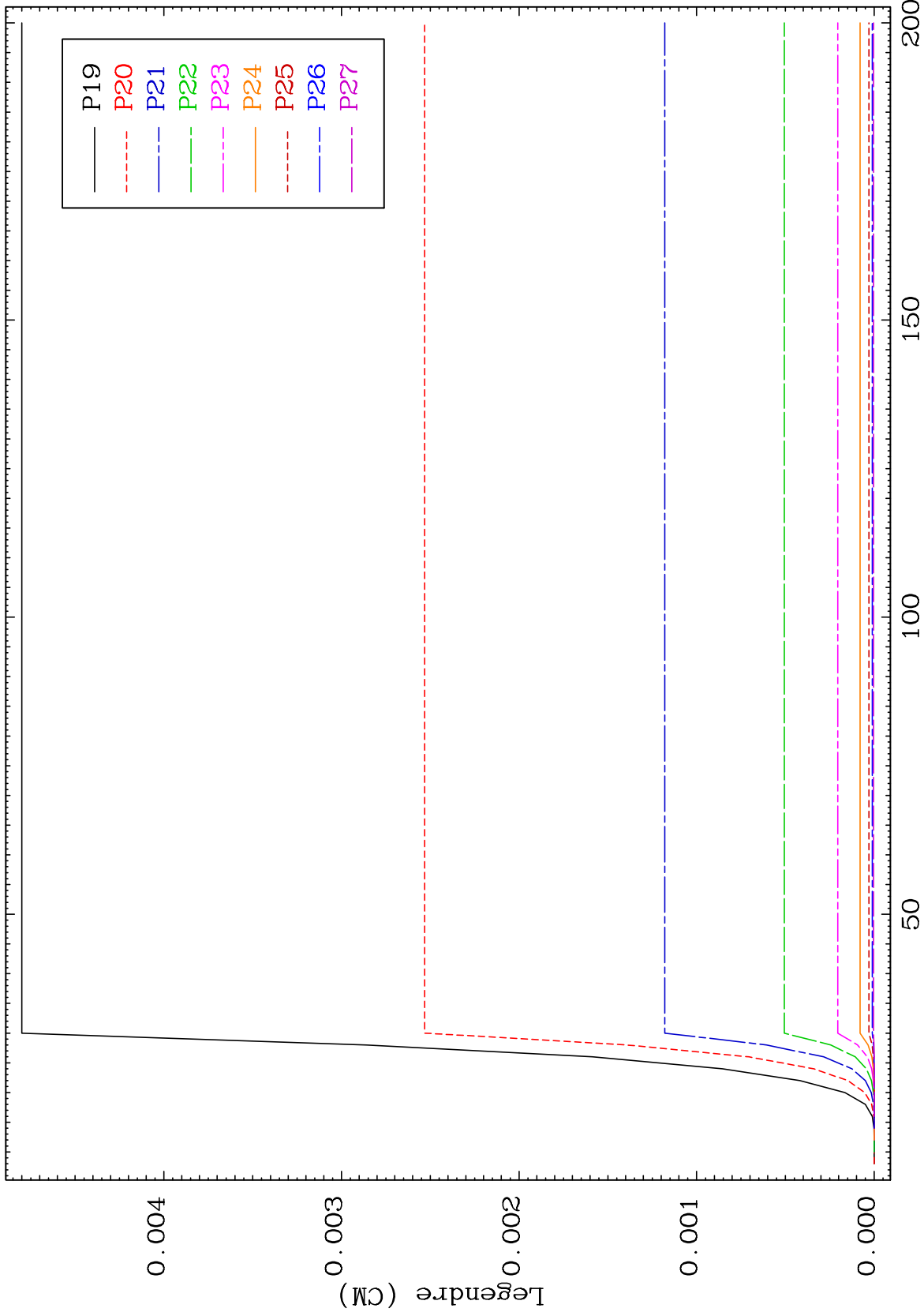
Incident Energy (MeV)

Legendre (CM)

MAT 4849

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

48-Cd-114



131

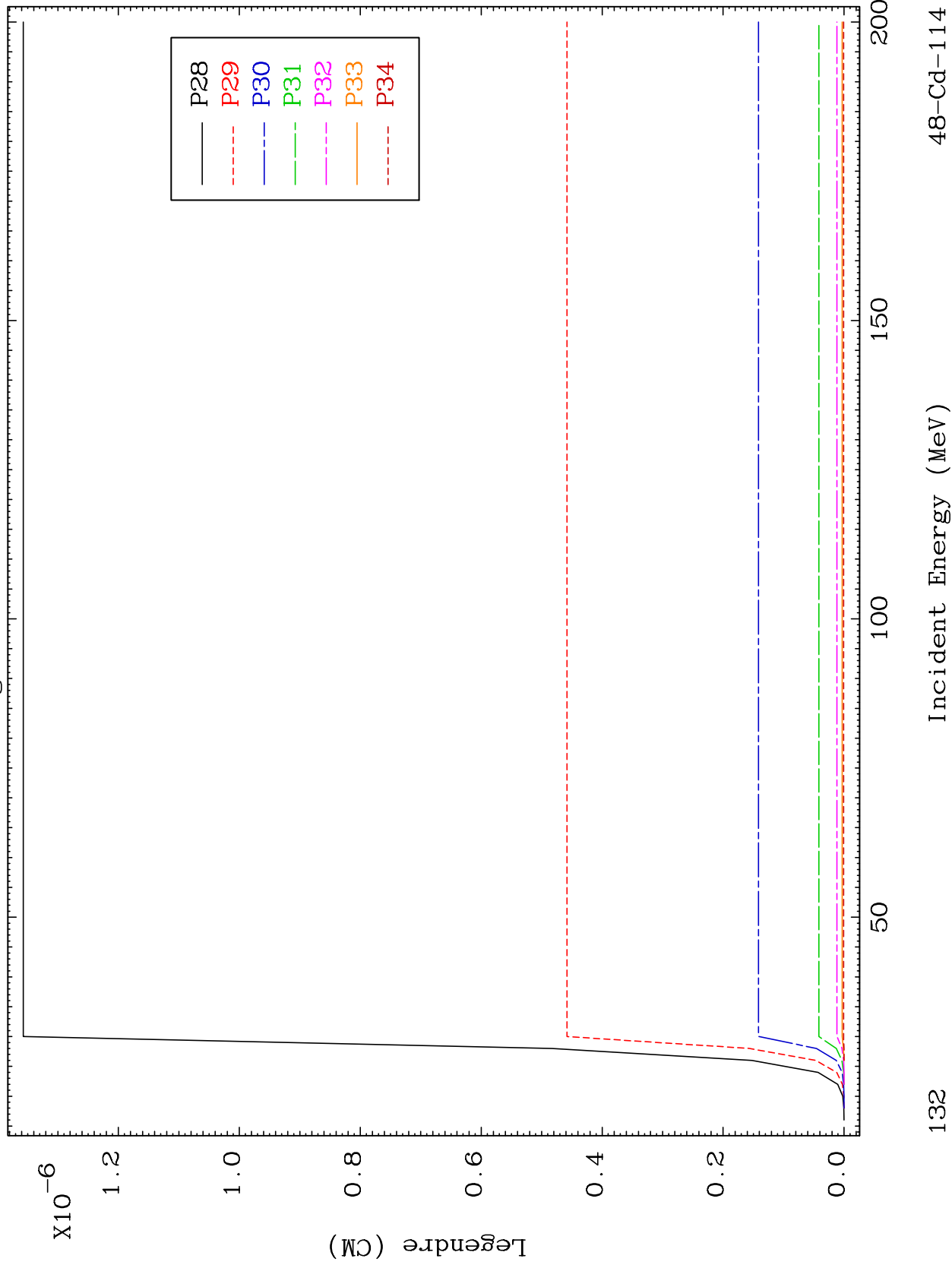
Incident Energy (MeV)

48-Cd-114

MAT 4849

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

48-Cd-114

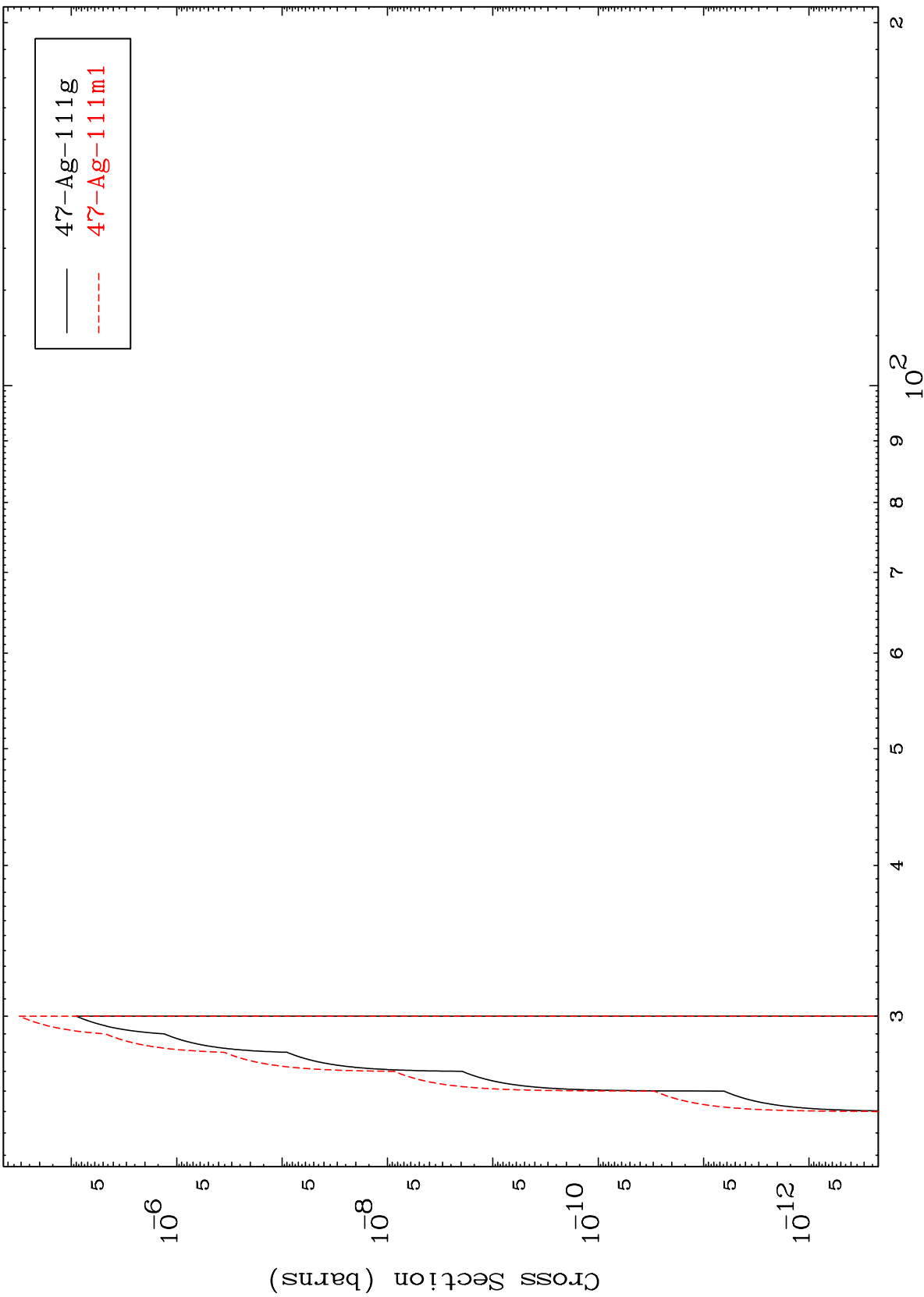


132

Incident Energy (MeV)

48-Cd-114

Radionuclide Production Cross Section



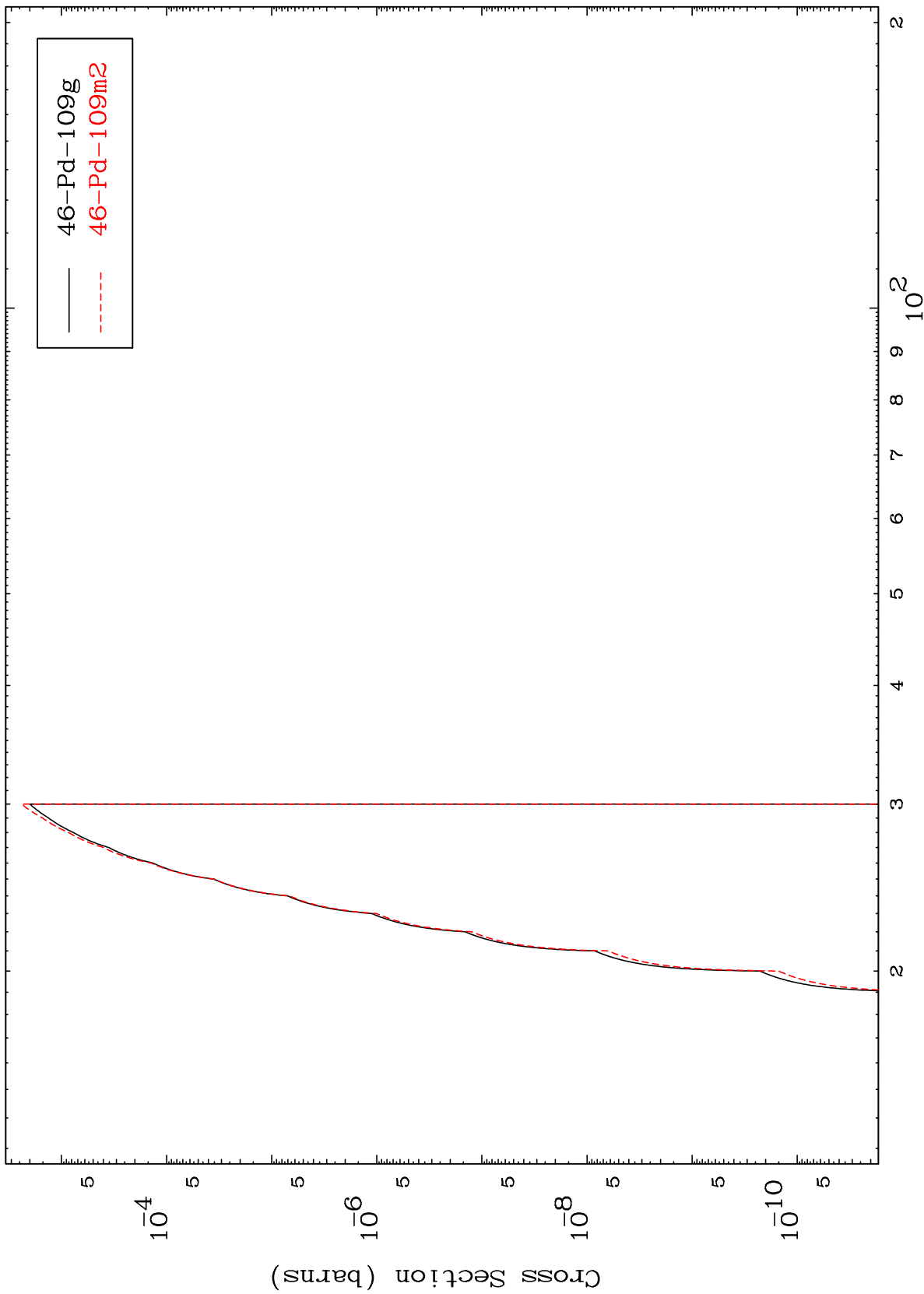


MAT 4849

(n,2n)  $\alpha$

48-Cd-114

Radionuclide Production Cross Section



135

Incident Energy (MeV)

48-Cd-114

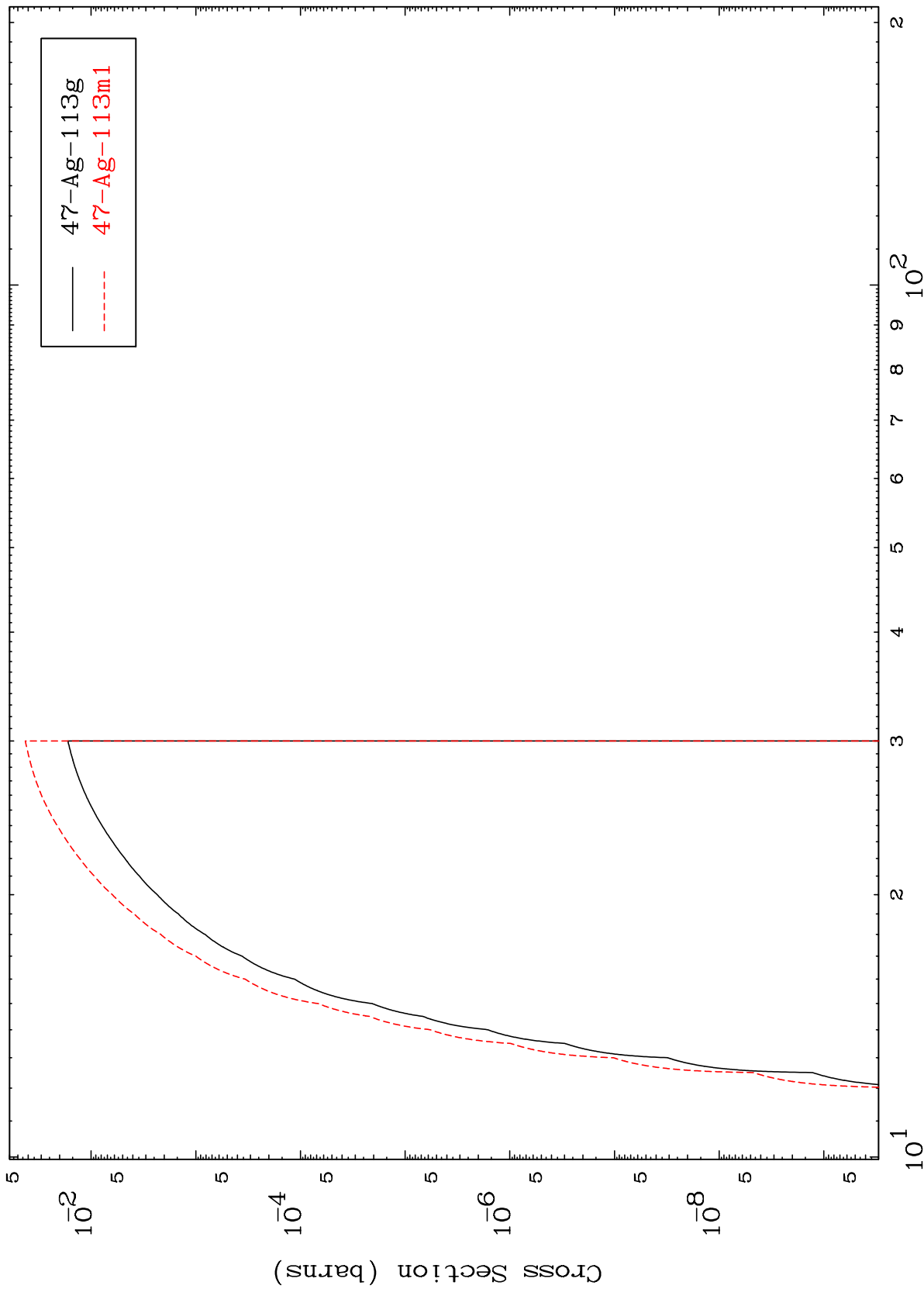


MAT 4849

(n,n') p

48-Cd-114

Radionuclide Production Cross Section

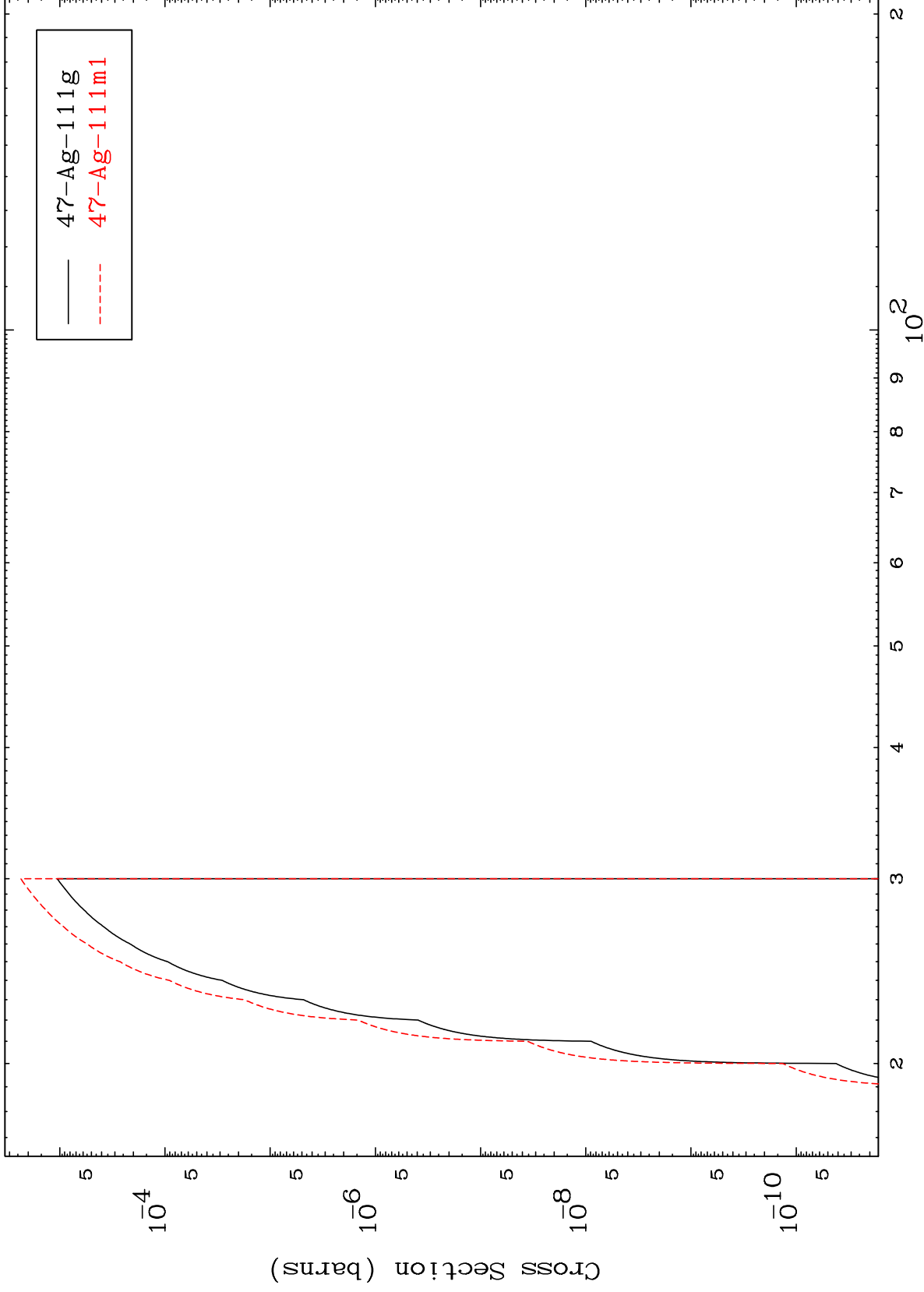


136

Incident Energy (MeV)

48-Cd-114

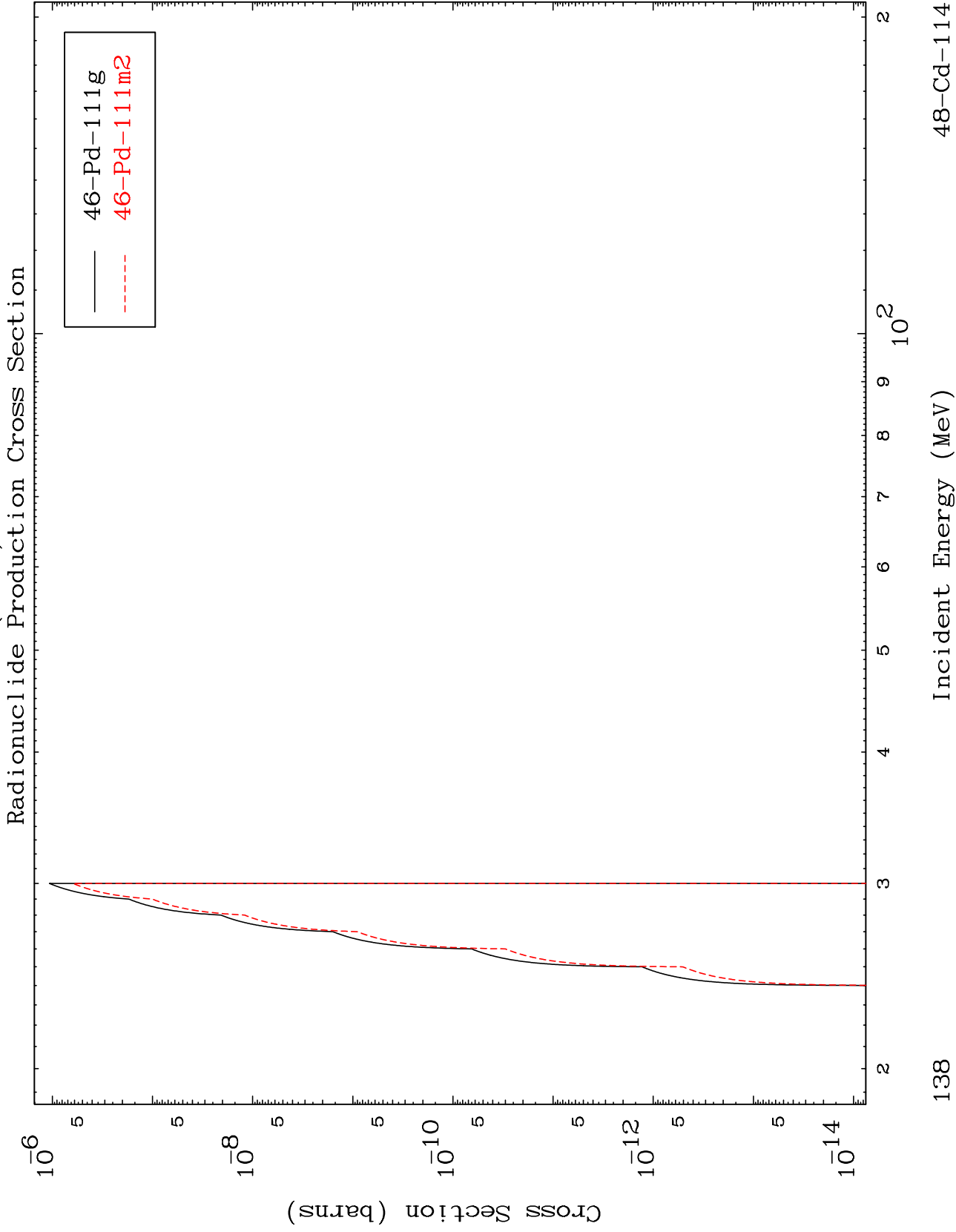
Radionuclide Production Cross Section



MAT 4849

(n,n') He-3

48-Cd-114



138

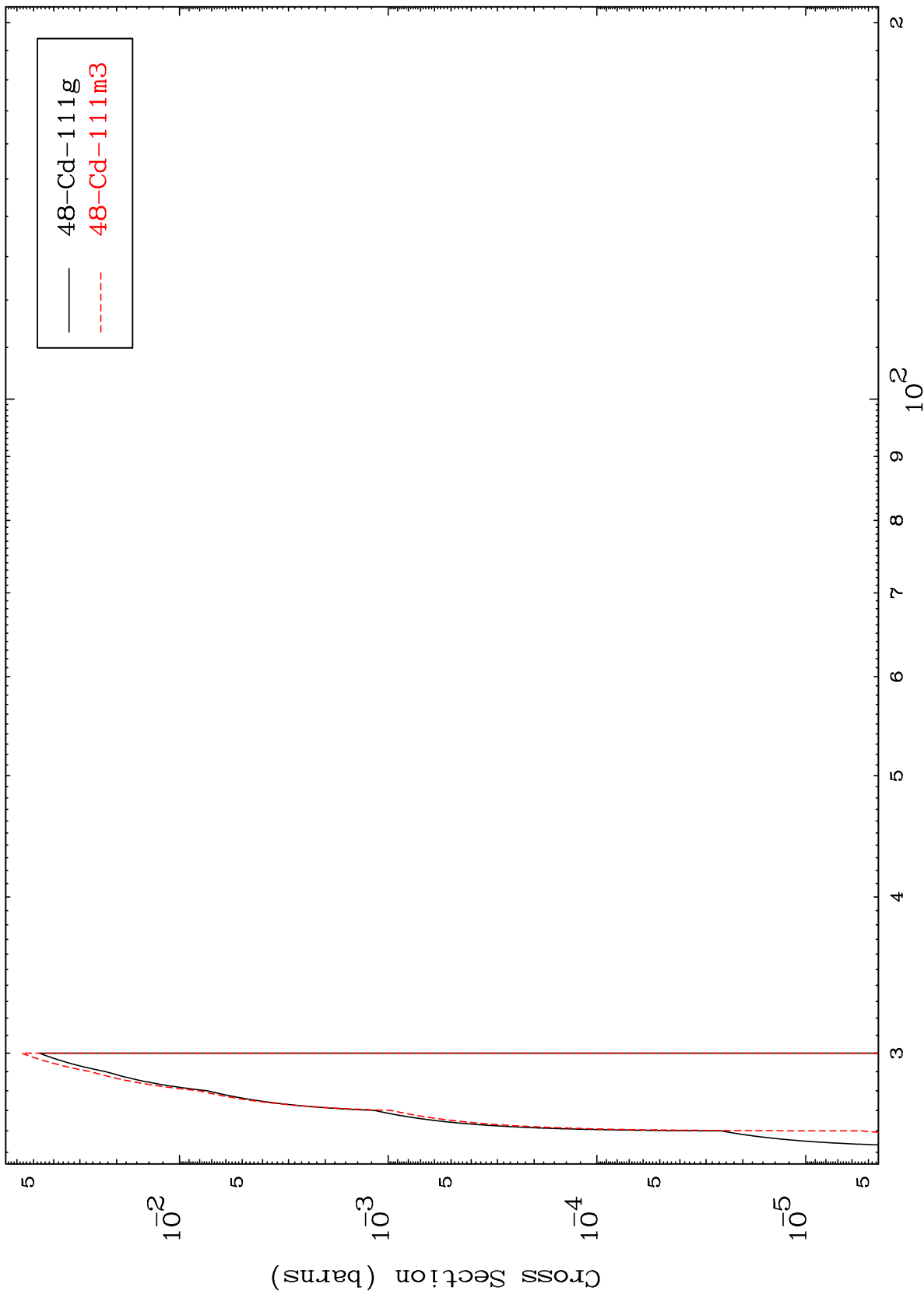
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n,4n)  
Radionuclide Production Cross Section



139

48-Cd-114

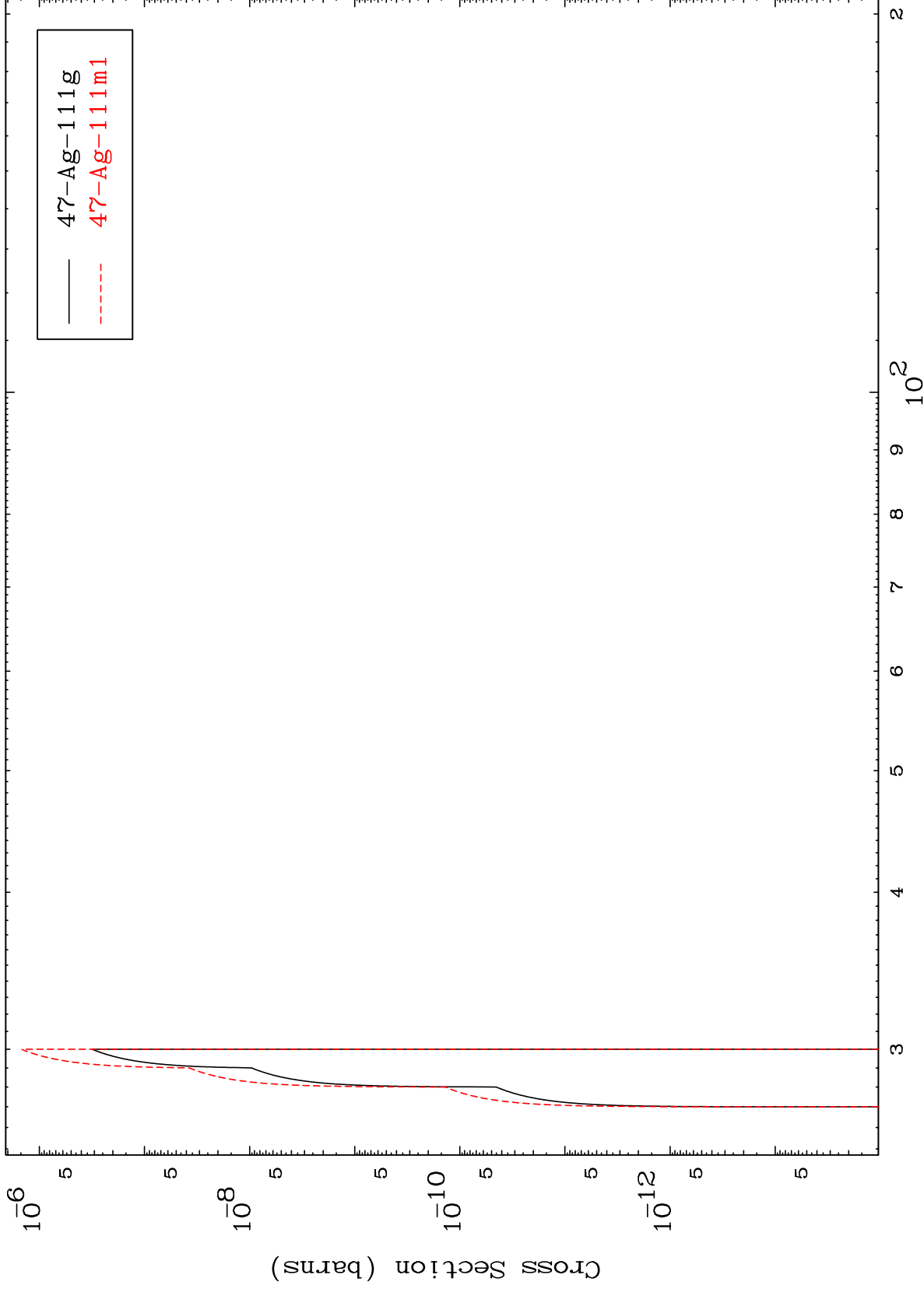
Incident Energy (MeV)

MAT 4849

(n,3n) p

48-Cd-114

Radionuclide Production Cross Section



140

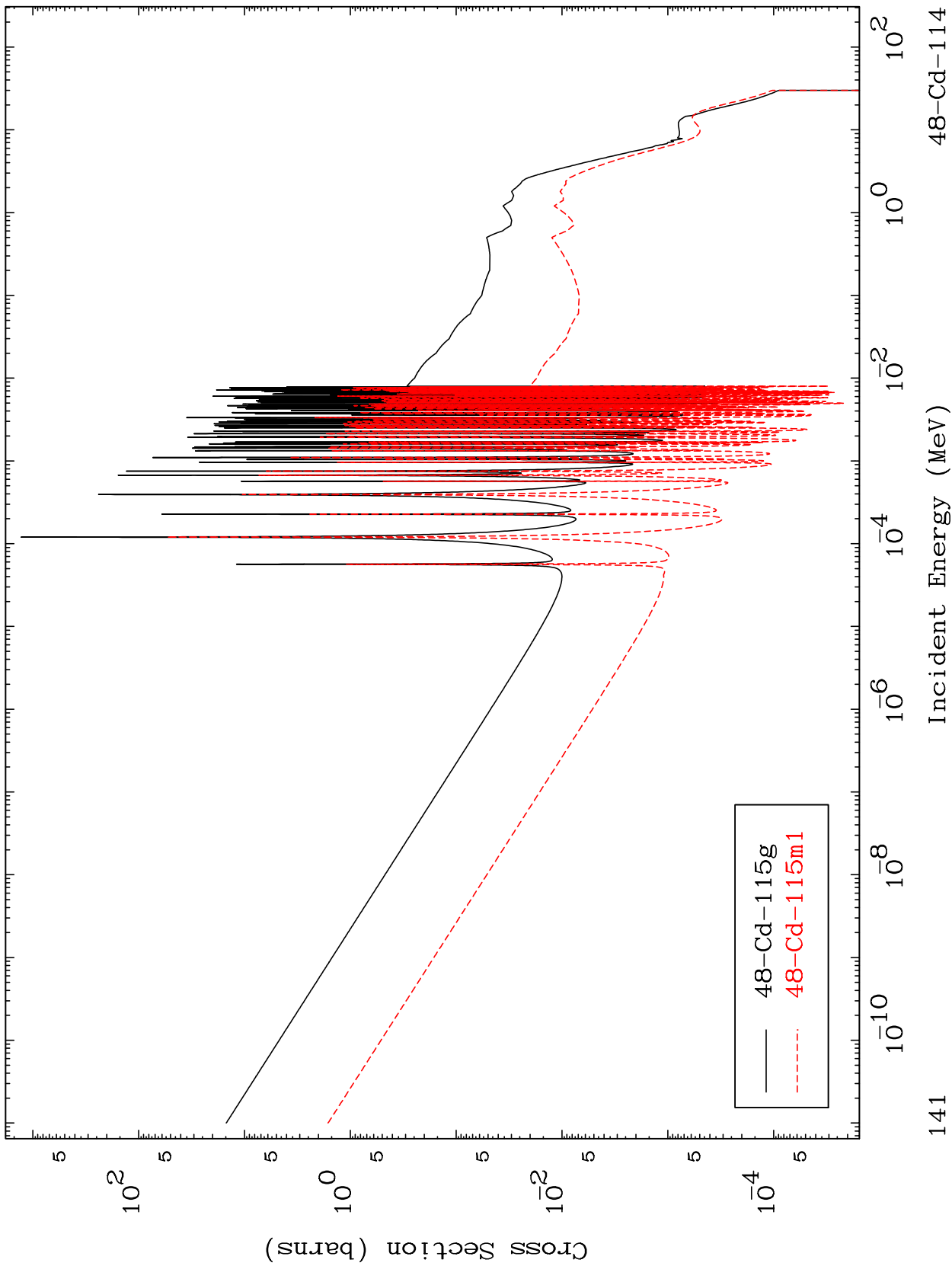
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

$(n, \gamma)$   
Radionuclide Production Cross Section

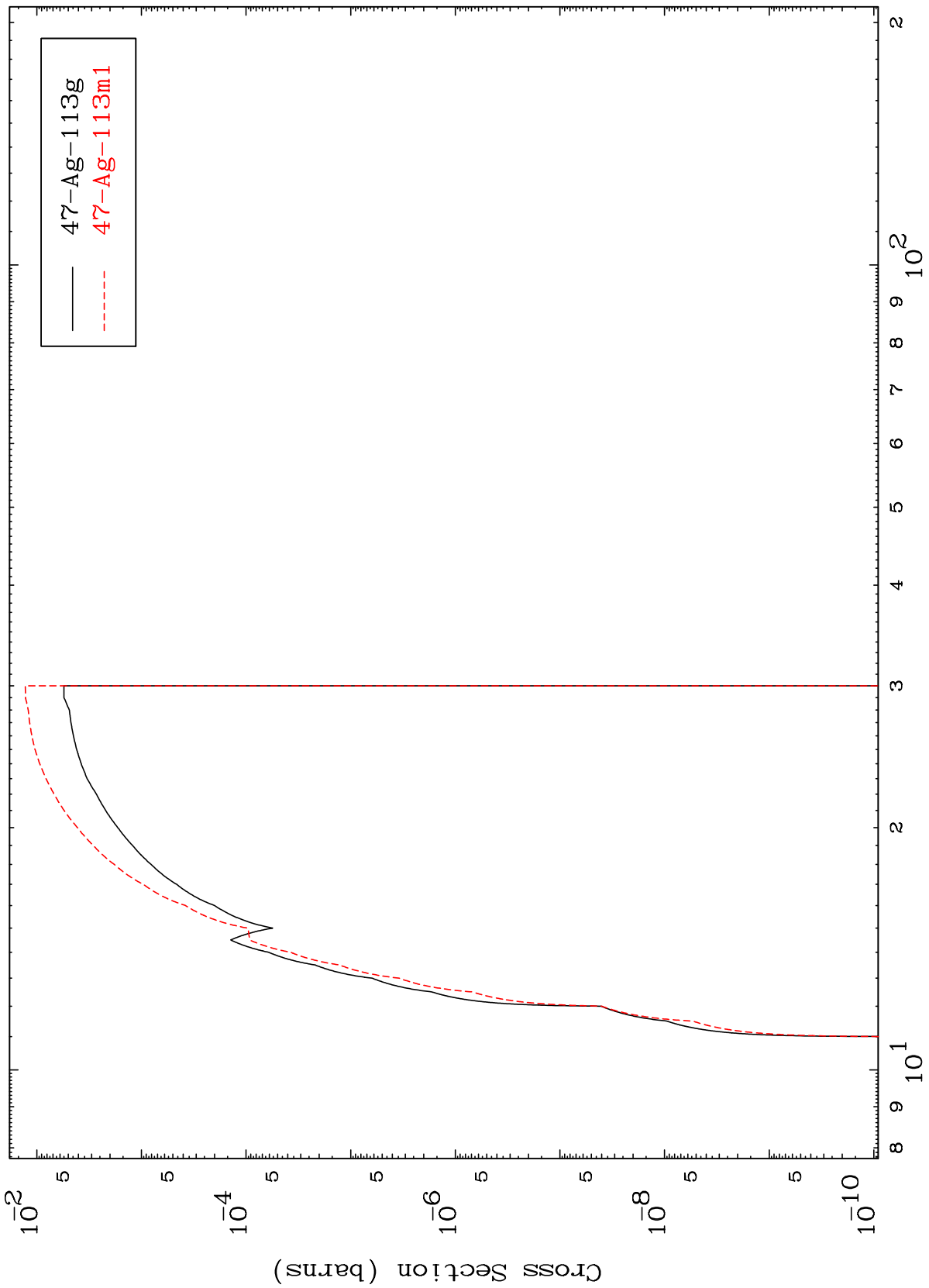


MAT 4849

(n,d)

48-Cd-114

Radionuclide Production Cross Section



142

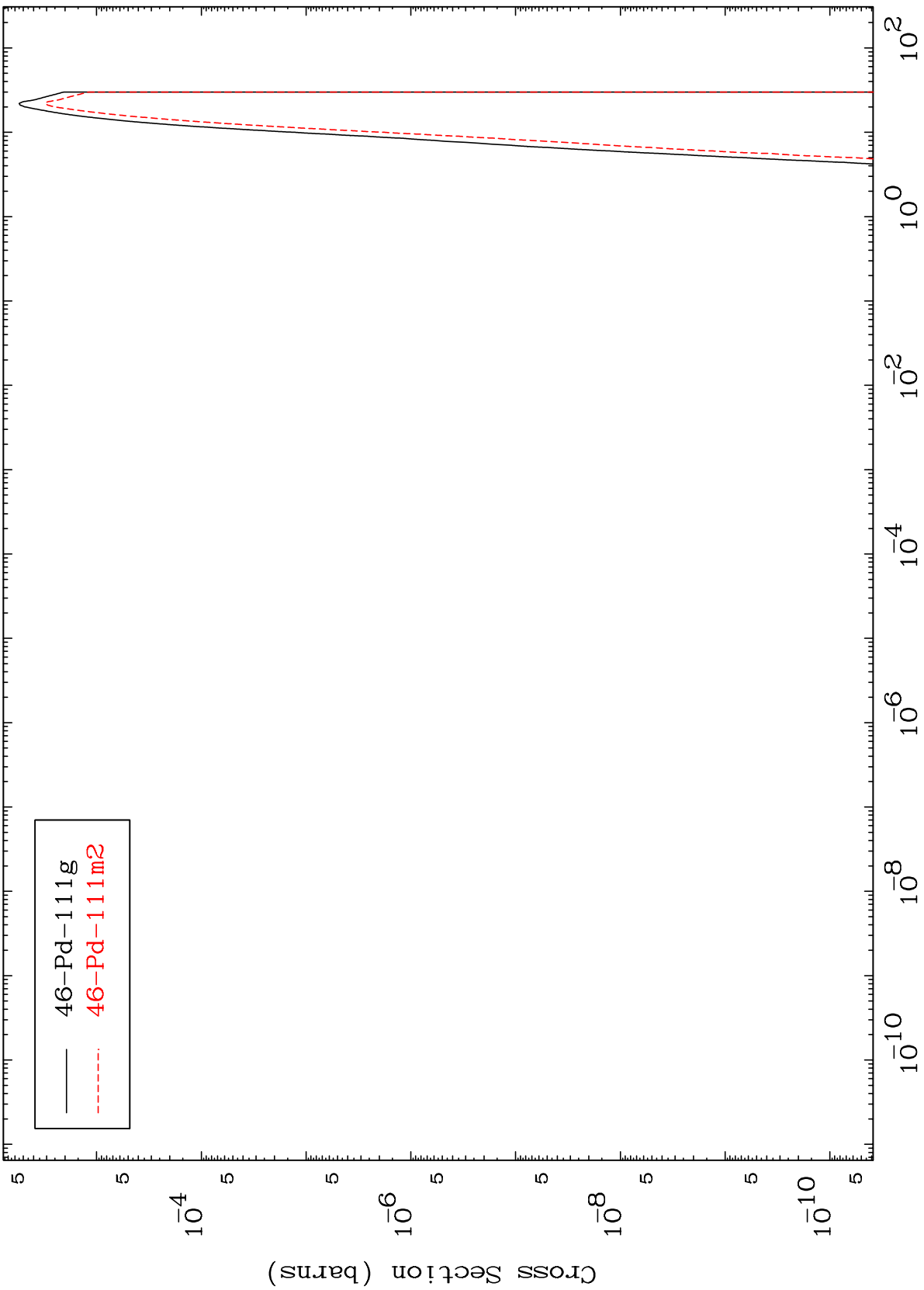
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n,  $\alpha$ )  
Radionuclide Production Cross Section



143

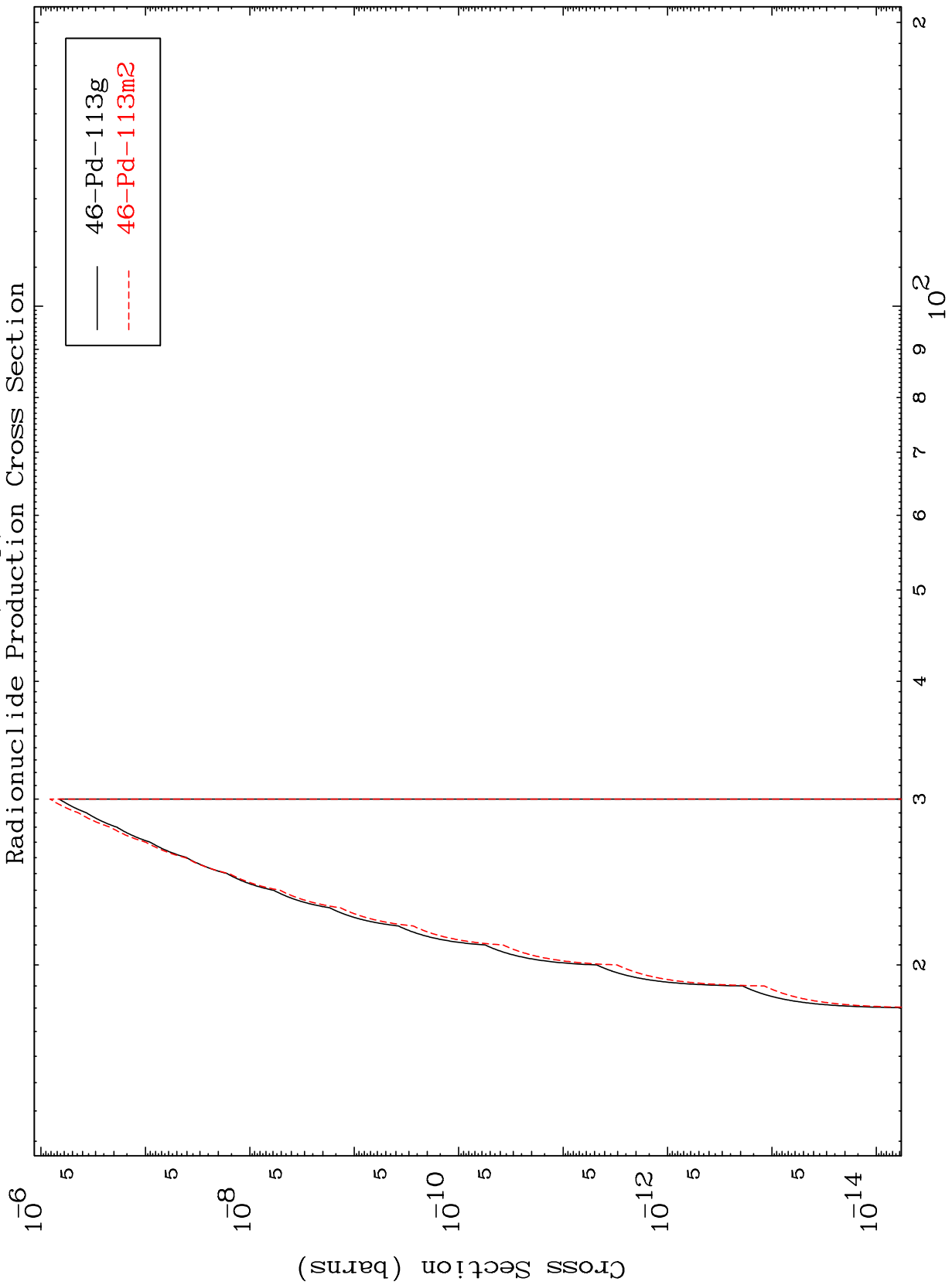
48-Cd-114



MAT 4849

48-Cd-114

(n,2p)  
Radionuclide Production Cross Section



144

Incident Energy (MeV)

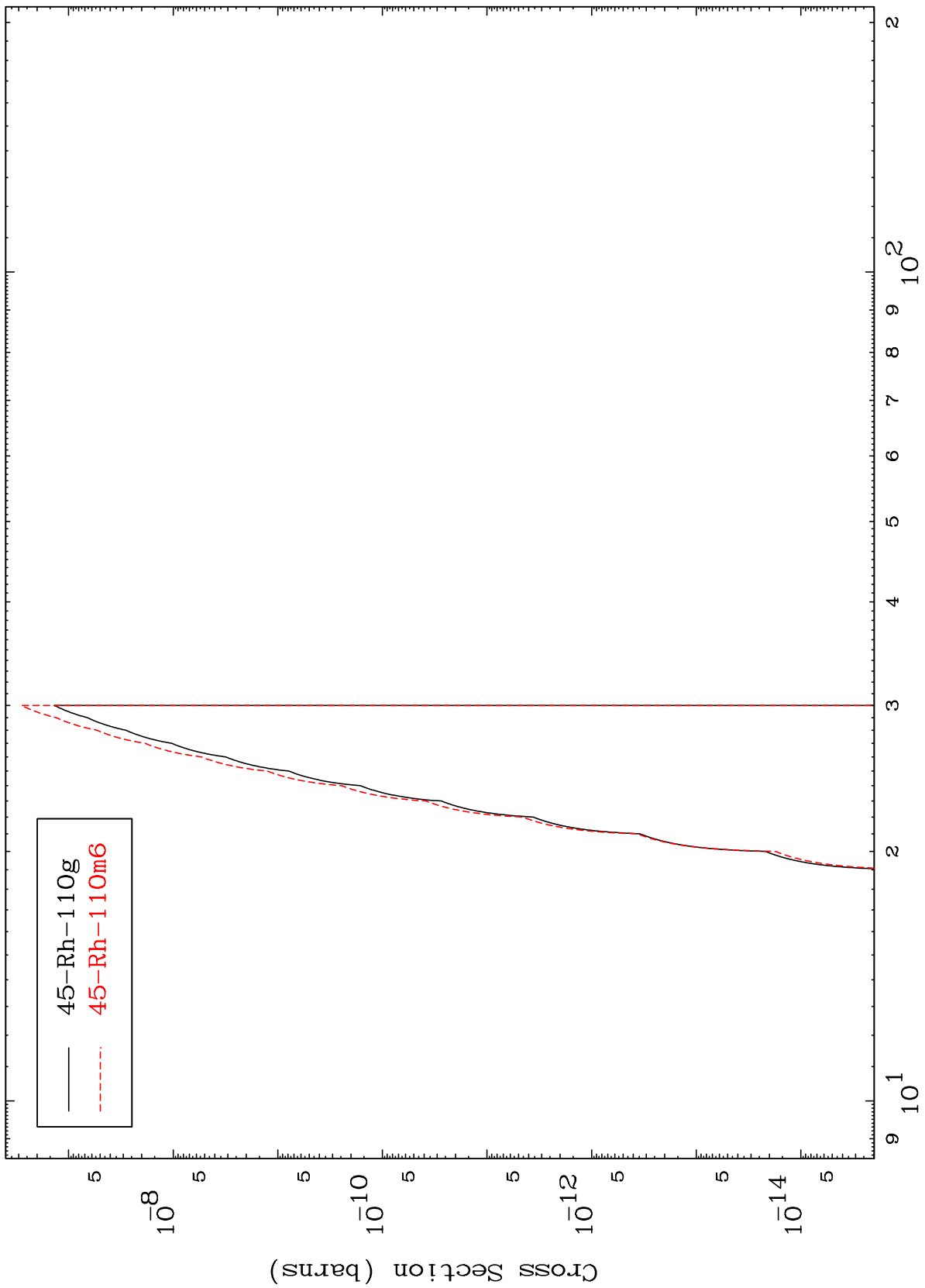
48-Cd-114

MAT 4849

(n,p)  $\alpha$

48-Cd-114

Radionuclide Production Cross Section



45-Rh-110g  
45-Rh-110m6

145

Incident Energy (MeV)

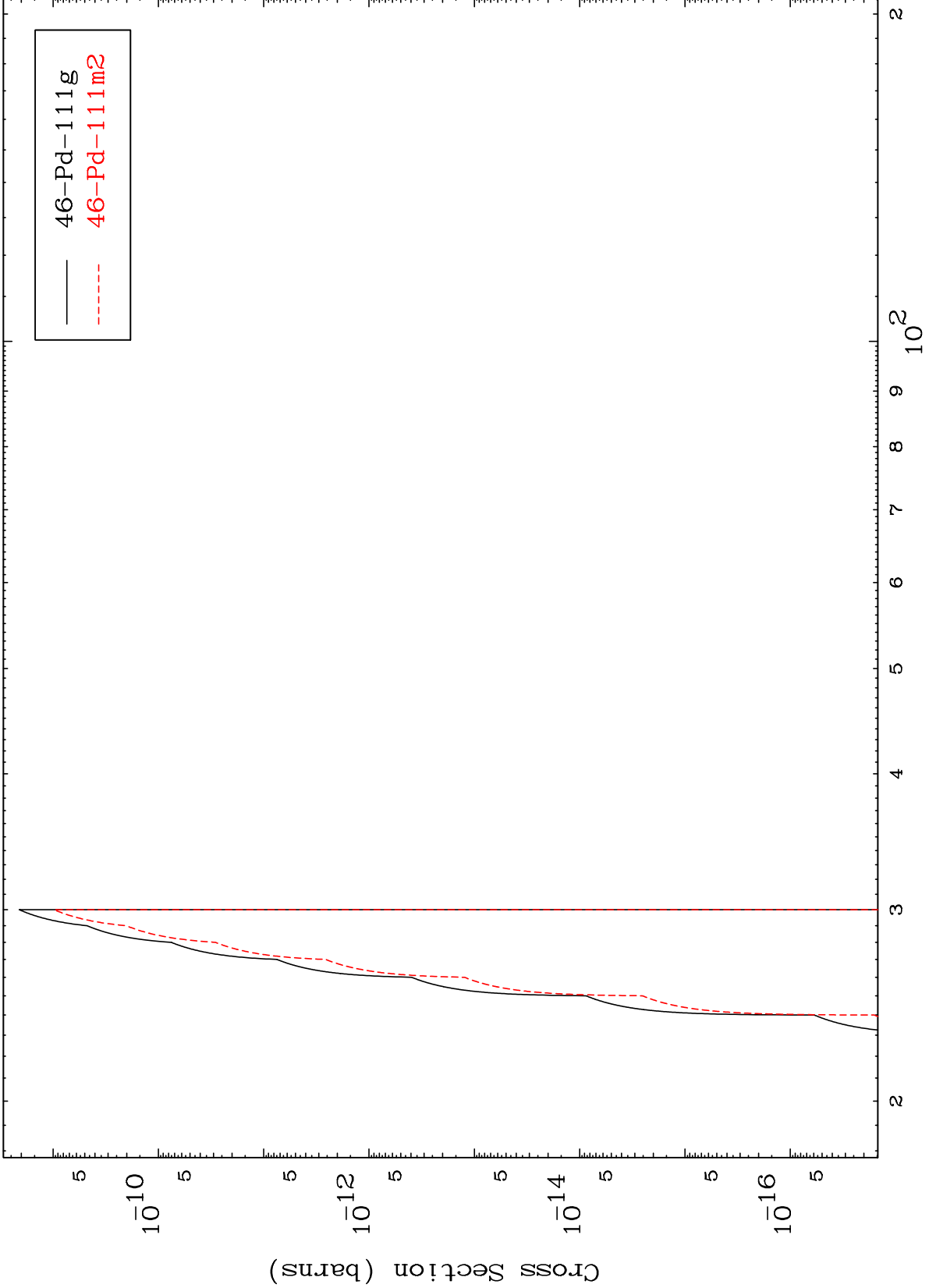
48-Cd-114

MAT 4849

(n,p) t

48-Cd-114

Radionuclide Production Cross Section



146

Incident Energy (MeV)

48-Cd-114