

Program EVALPLOT  
(Version 2021-1)

by

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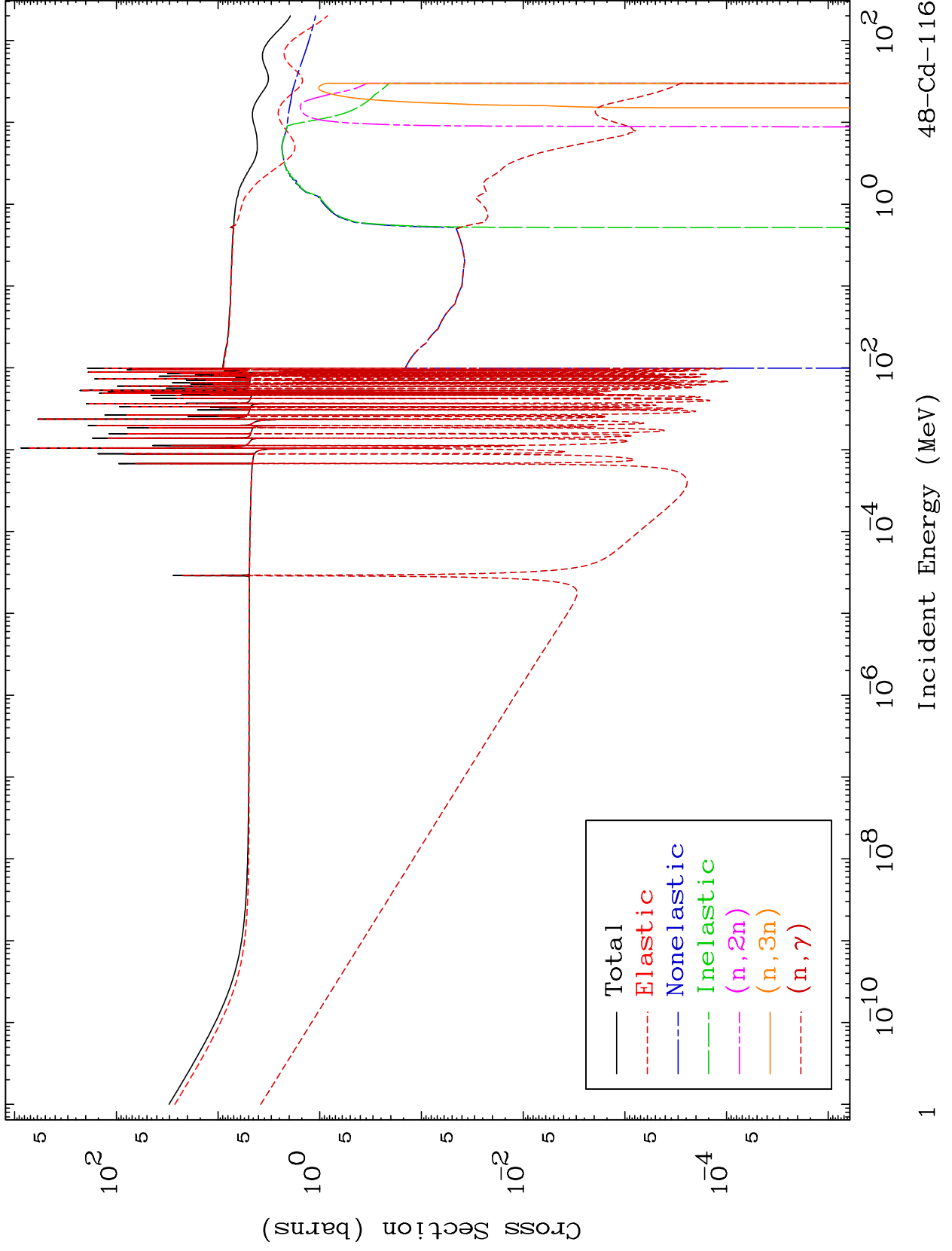
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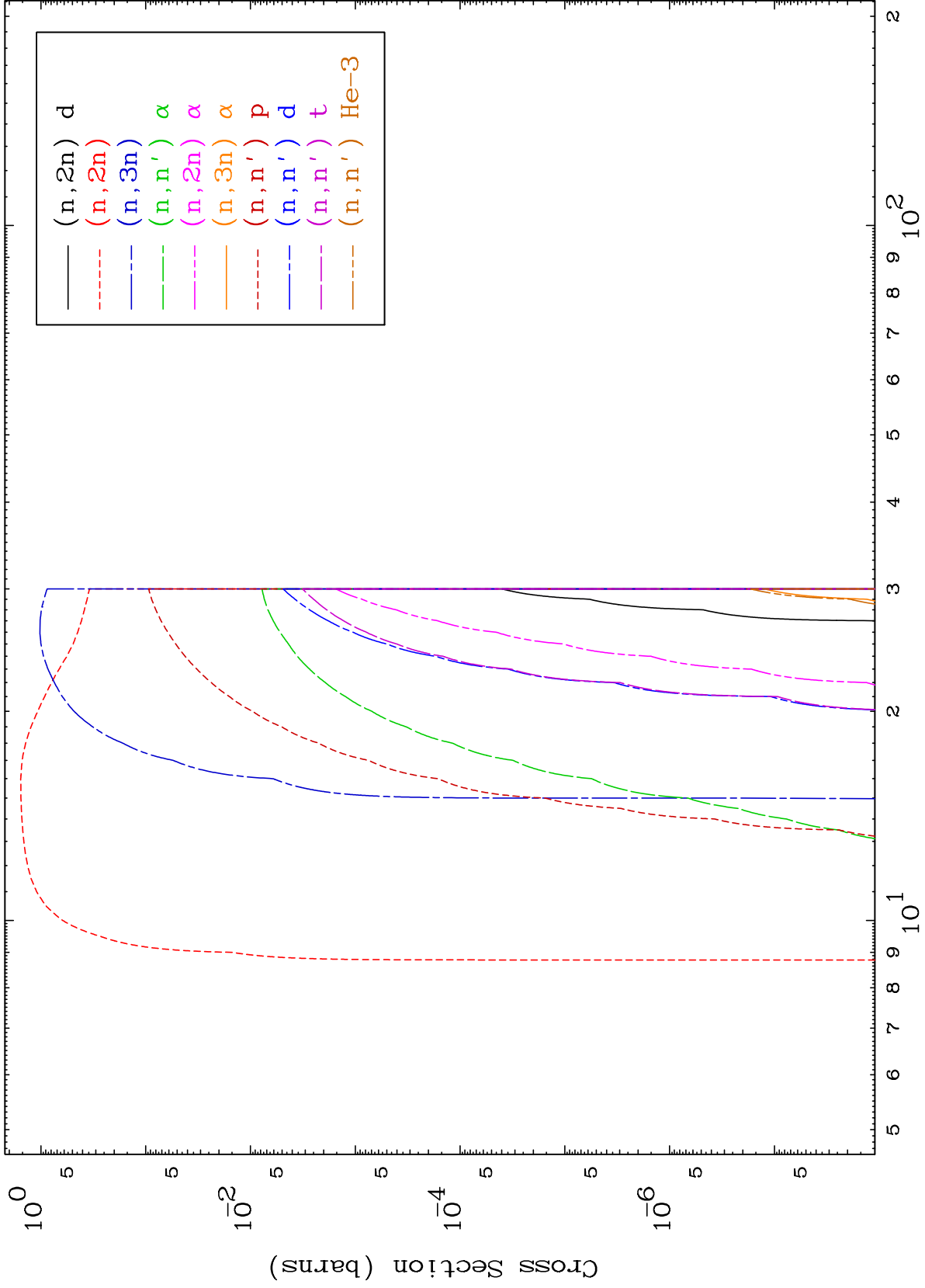
Press Mouse Button to Start

MAT 4855

Neutron Major  
293 Kelvin Cross Sections

48-Cd-116

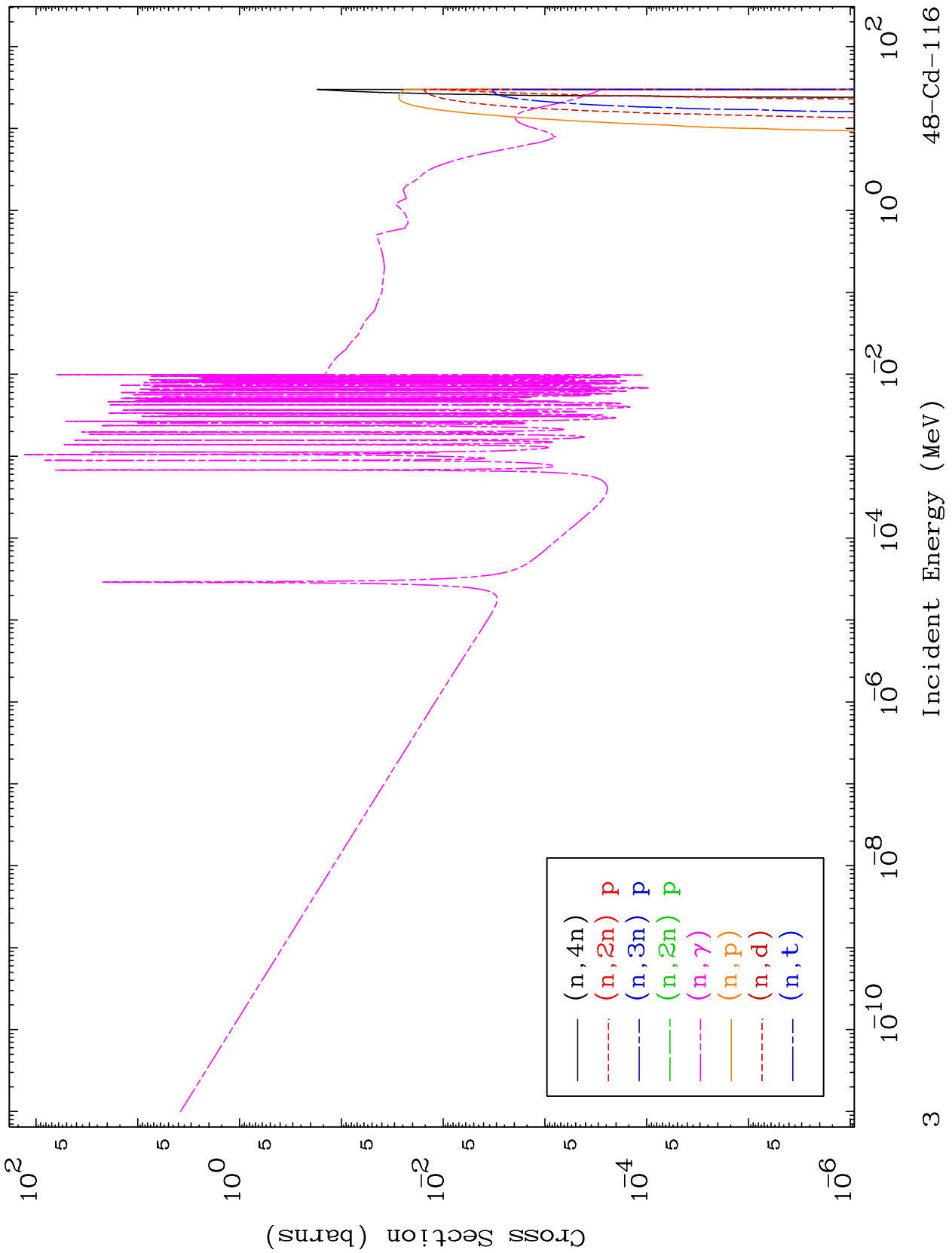




MAT 4855

Neutron Absorption  
293 Kelvin Cross Sections

48-Cd-116

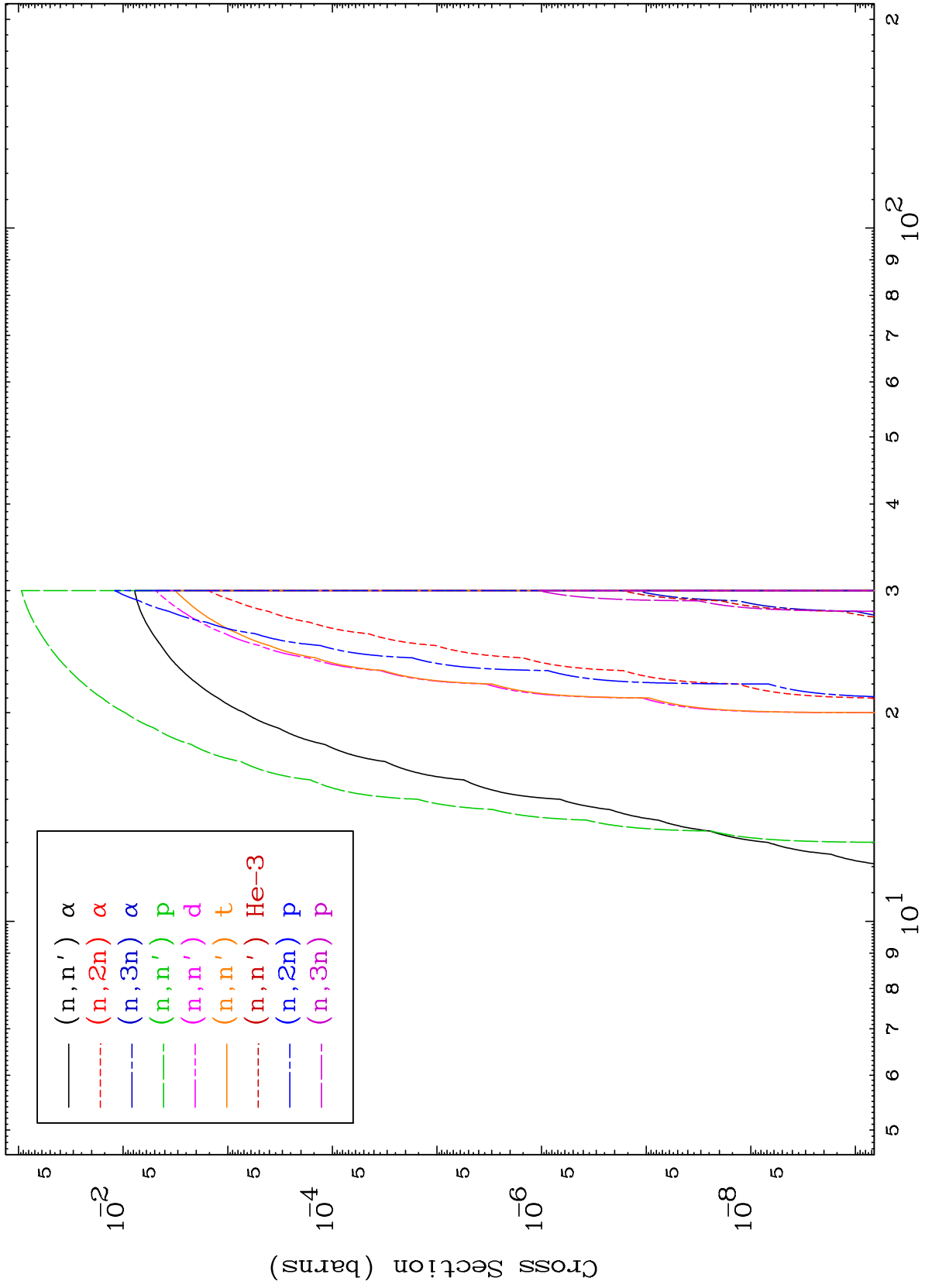




MAT 4855

Charged Particle  
293 Kelvin Cross Sections

48-Cd-116



5

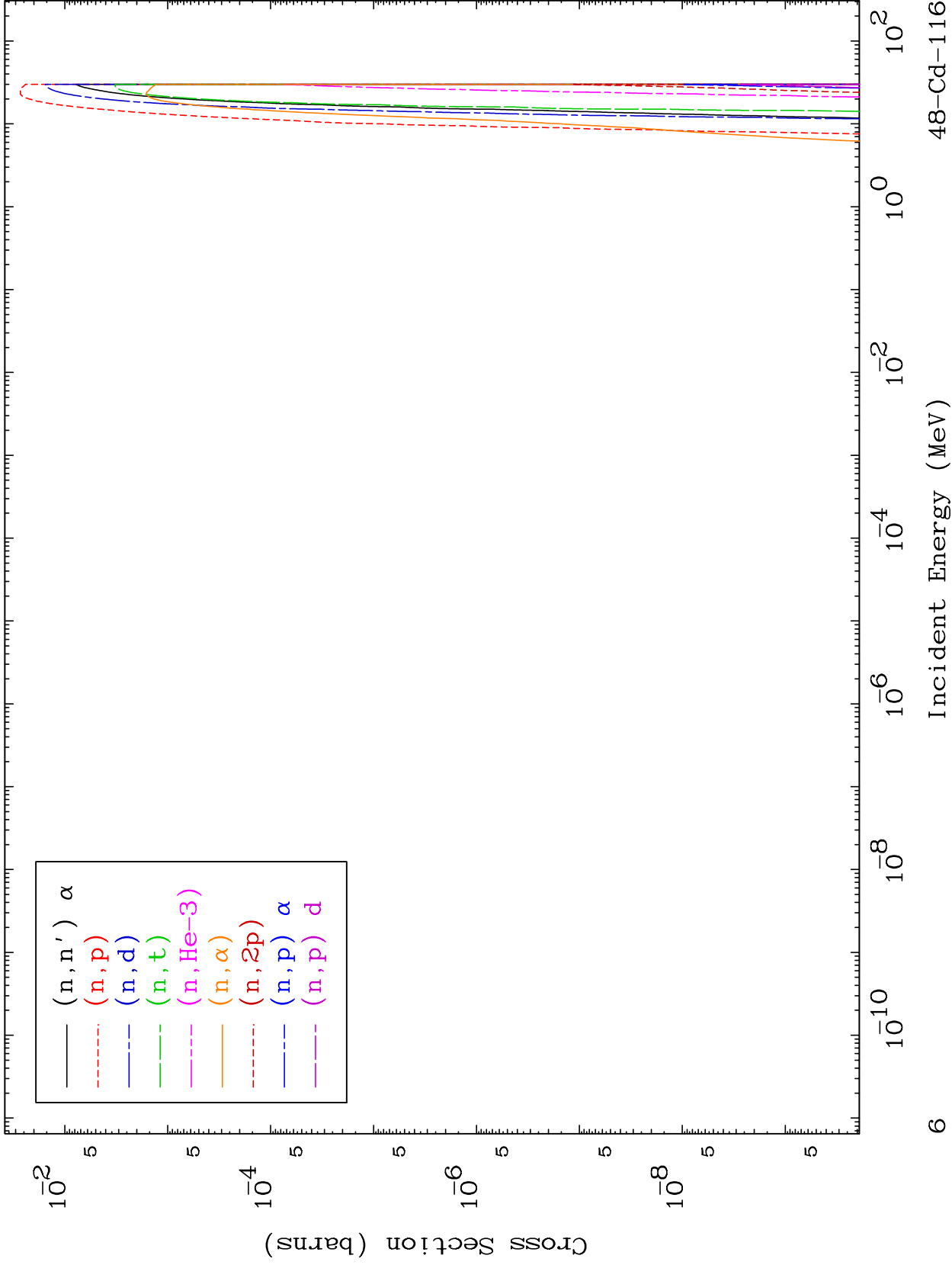
Incident Energy (MeV)

48-Cd-116

MAT 4855

Charged Particle  
293 Kelvin Cross Sections

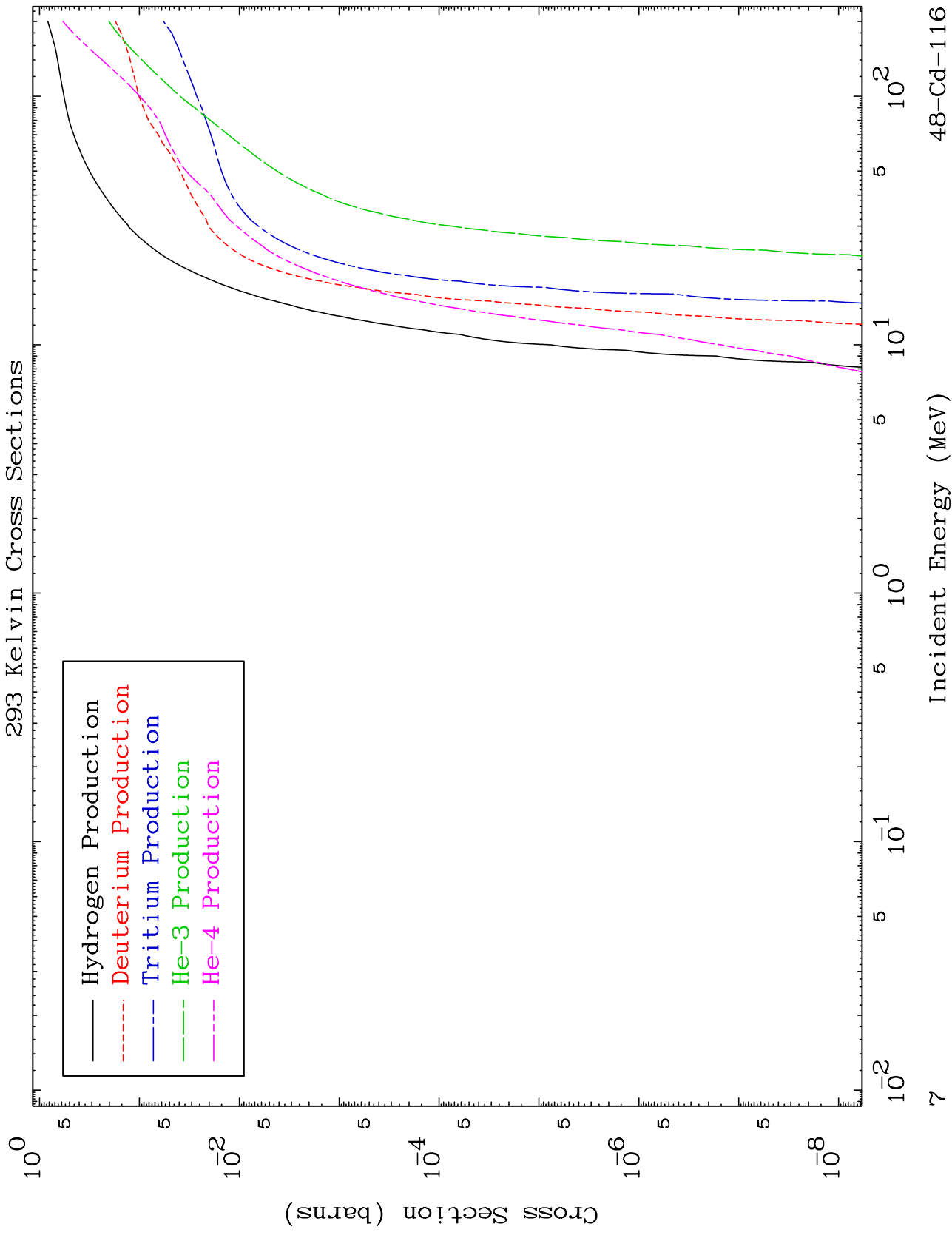
48-Cd-116



MAT 4855

Particle Production  
293 Kelvin Cross Sections

48-Cd-116



48-Cd-116

Incident Energy (MeV)

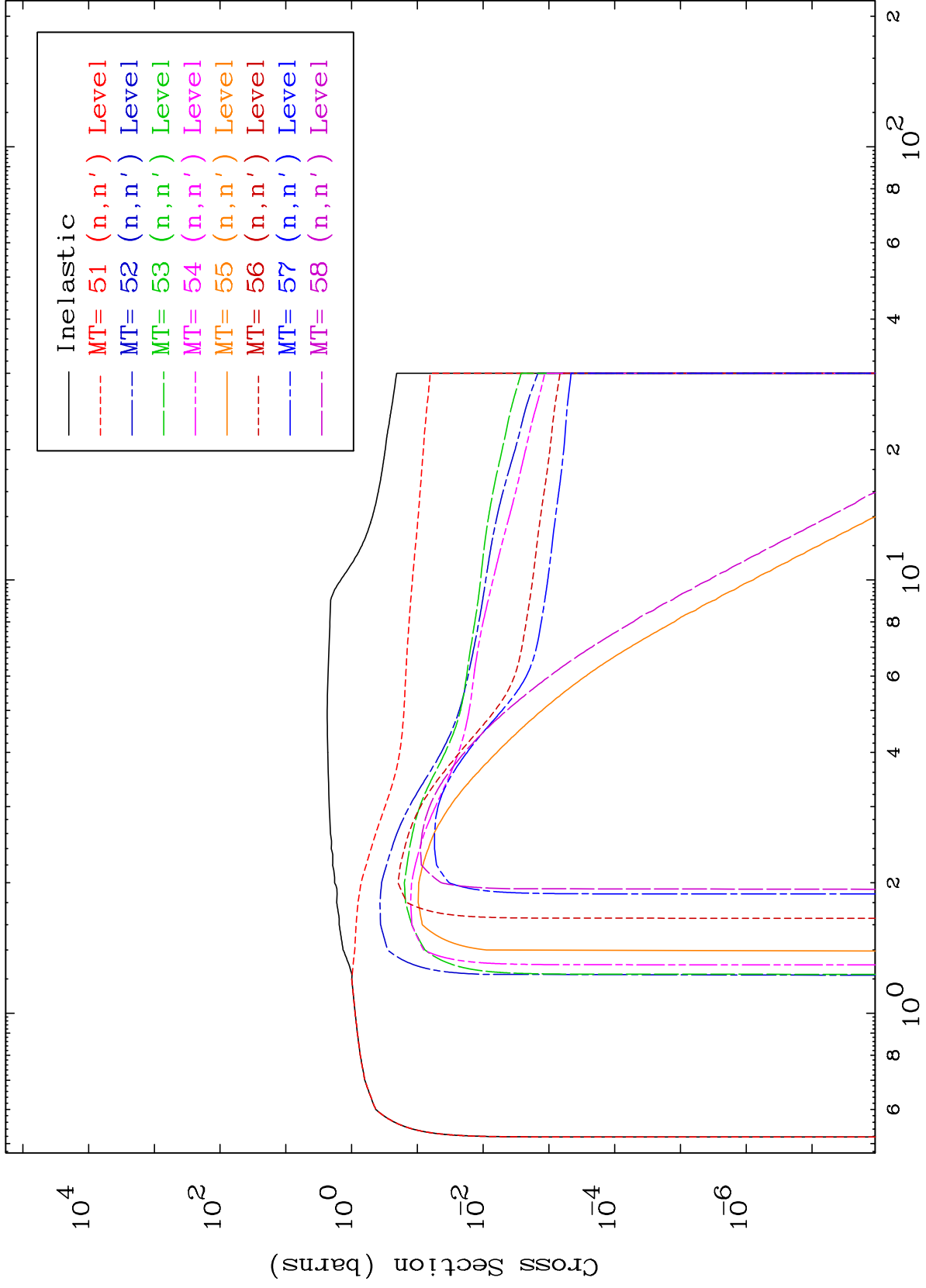
7

MAT 4855

(n,n') Levels

48-Cd-116

293 Kelvin Cross Sections



8

Incident Energy (MeV)

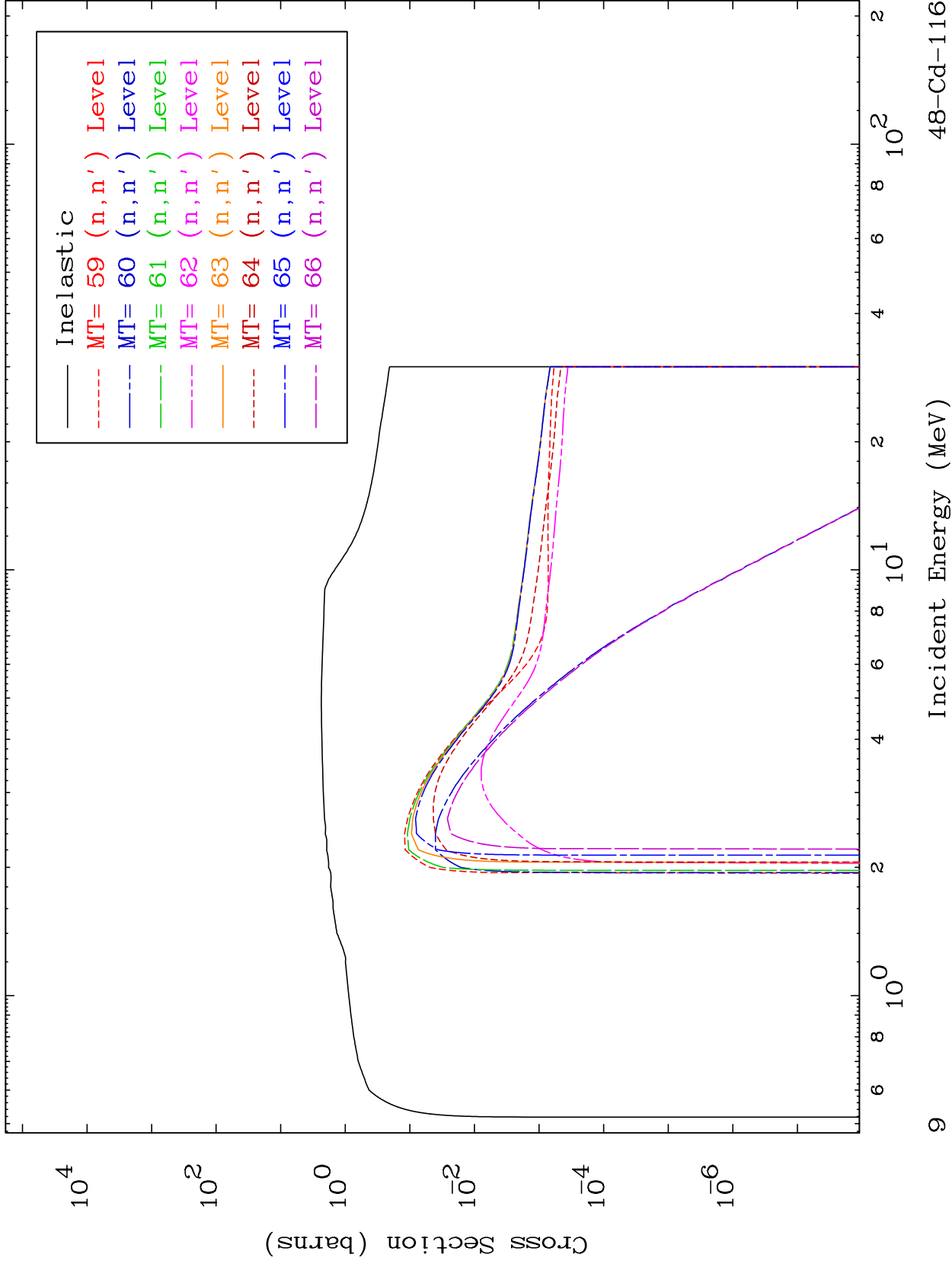
48-Cd-116

MAT 4855

(n,n') Levels

48-Cd-116

293 Kelvin Cross Sections

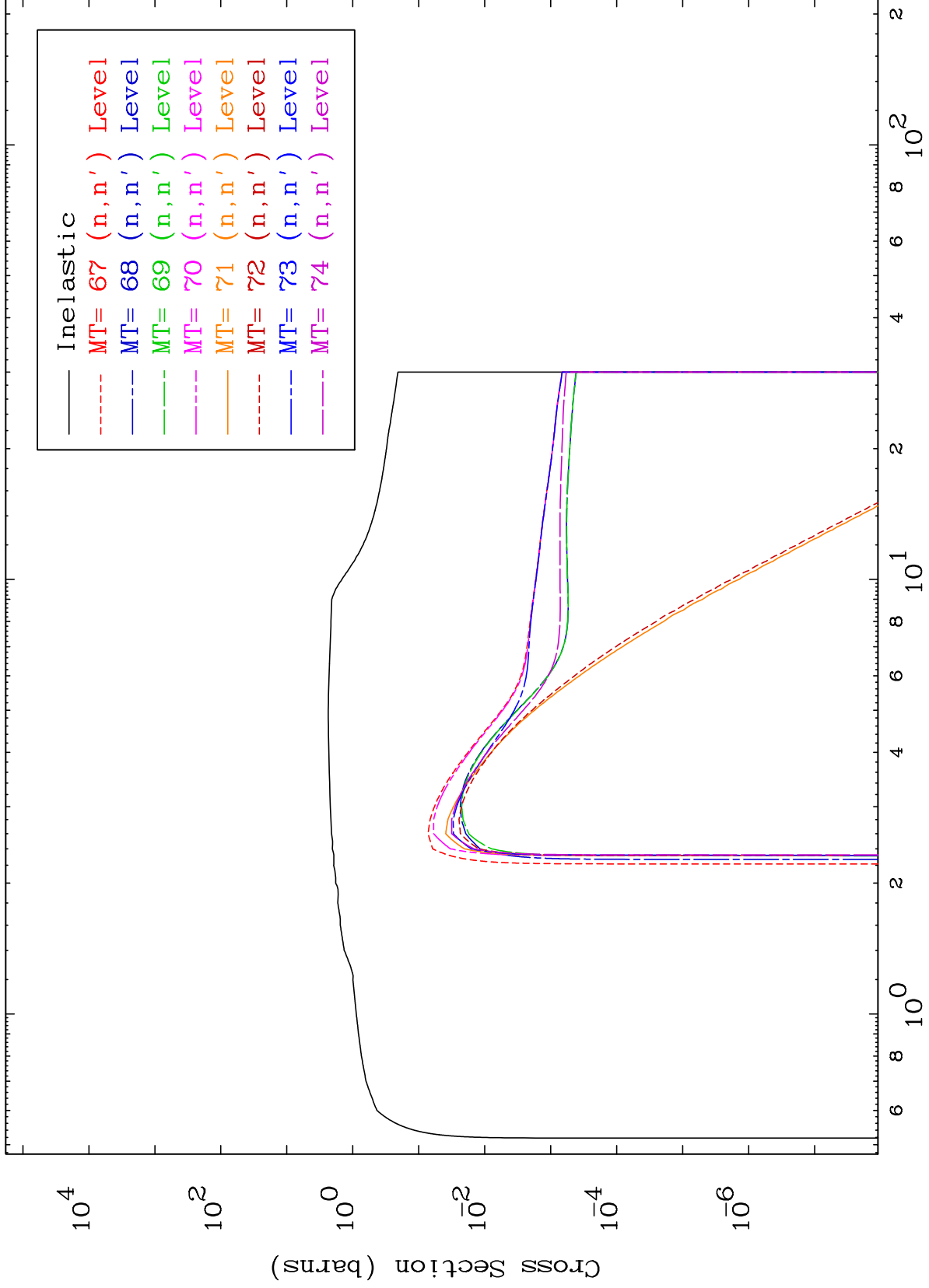


MAT 4855

(n,n') Levels

48-Cd-116

293 Kelvin Cross Sections



10

Incident Energy (MeV)

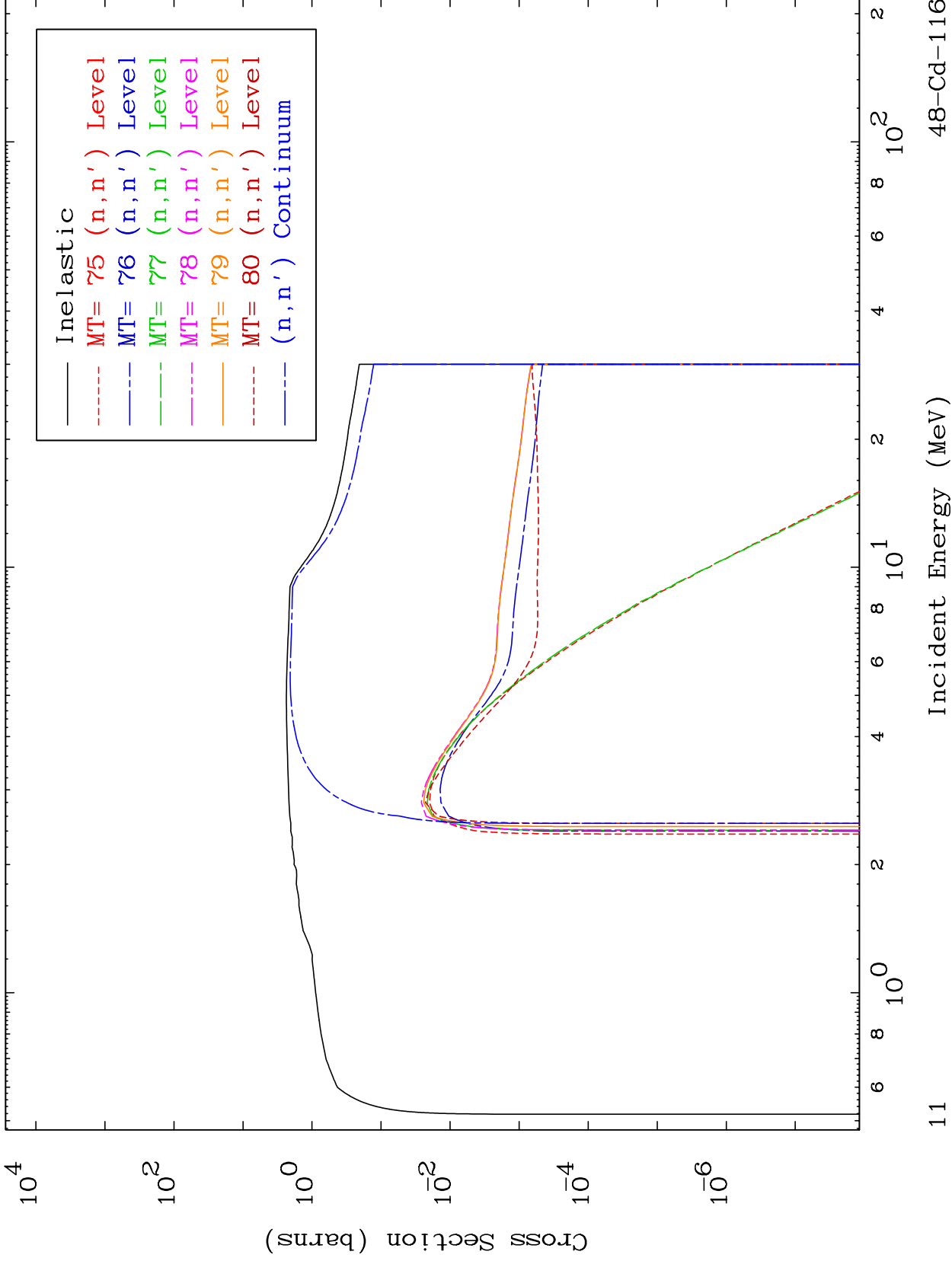
48-Cd-116

MAT 4855

(n,n') Levels

48-Cd-116

293 Kelvin Cross Sections



11

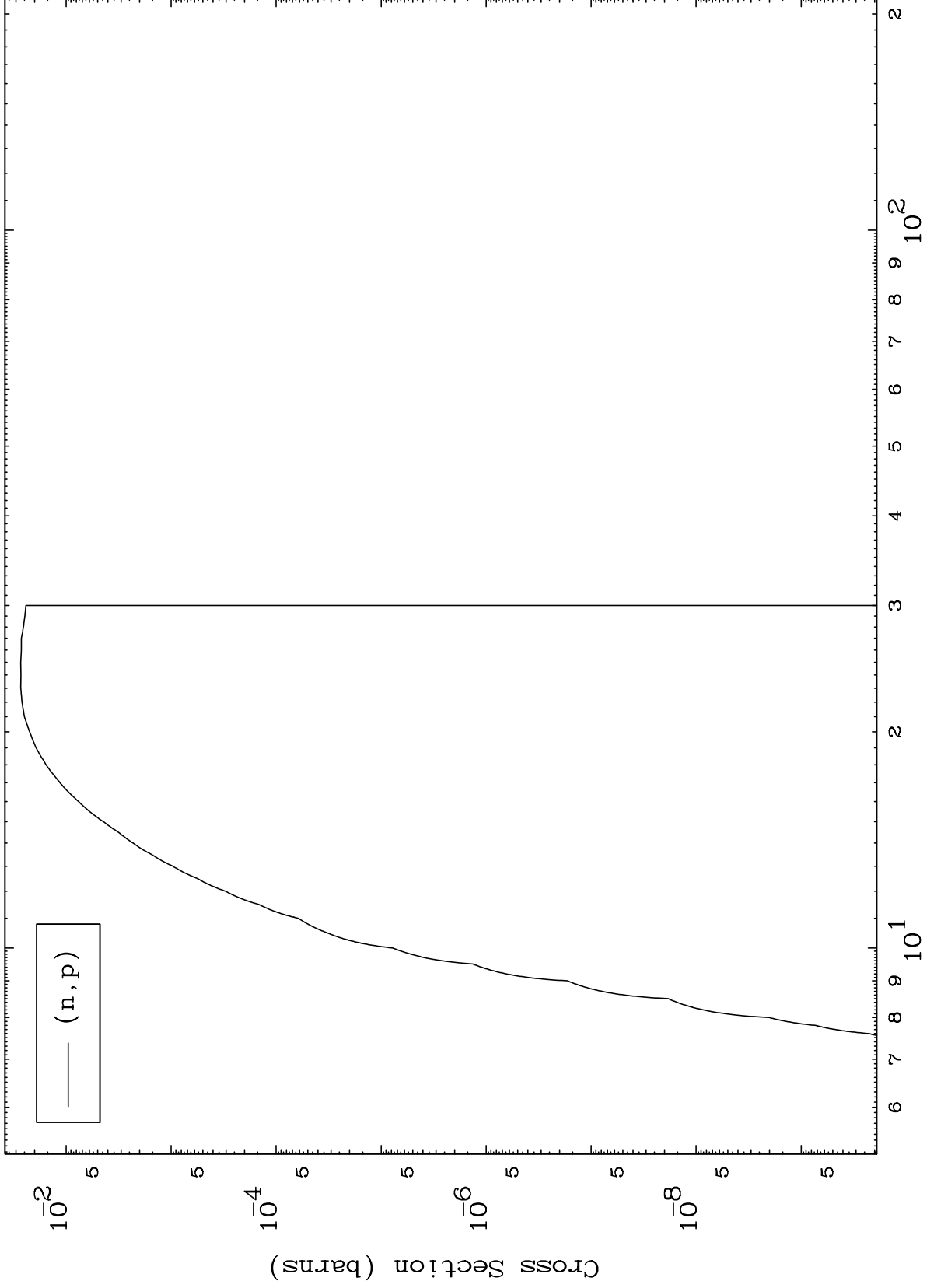
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-116



12

Incident Energy (MeV)

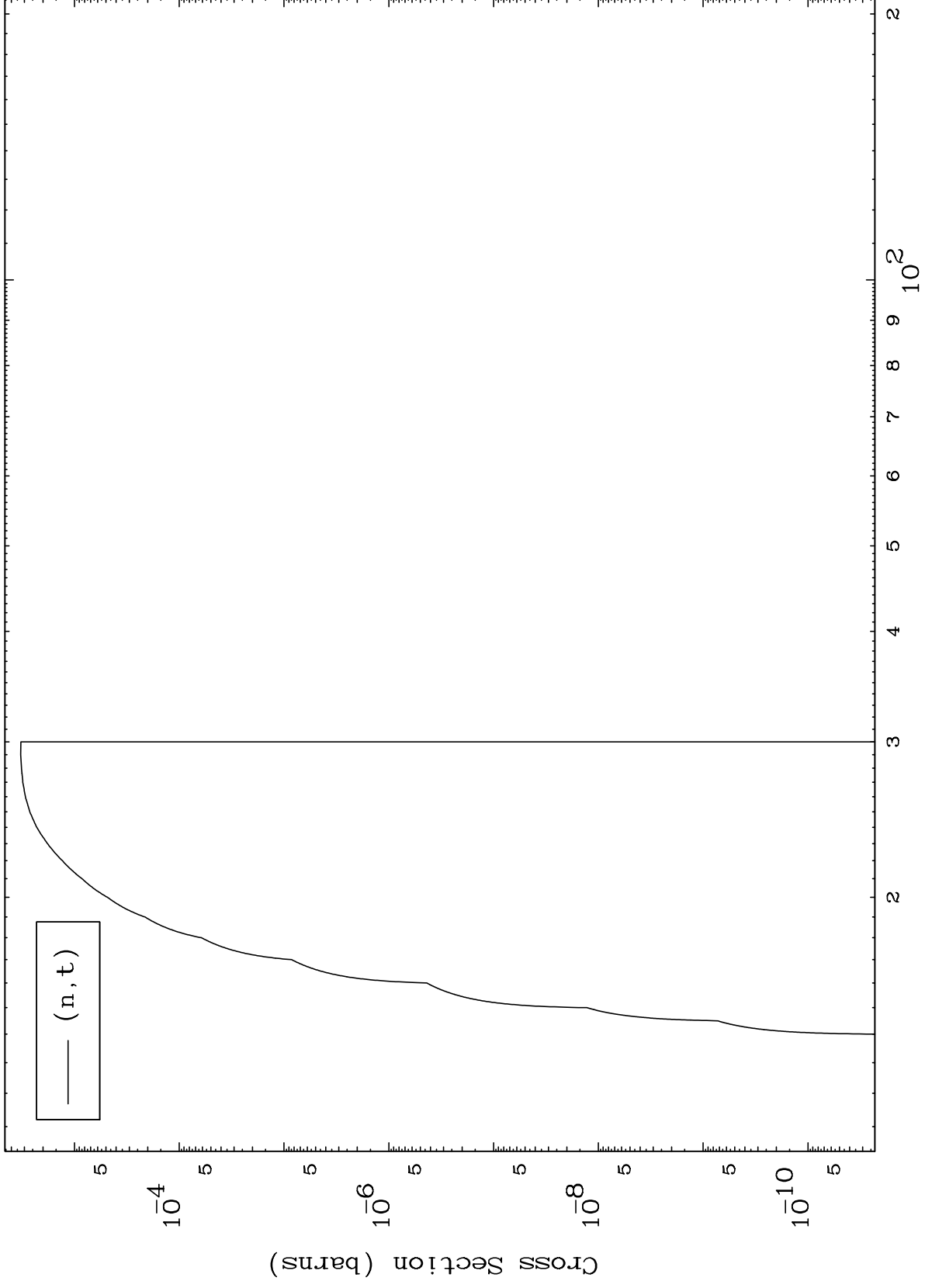
48-Cd-116



MAT 4855

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-116



14

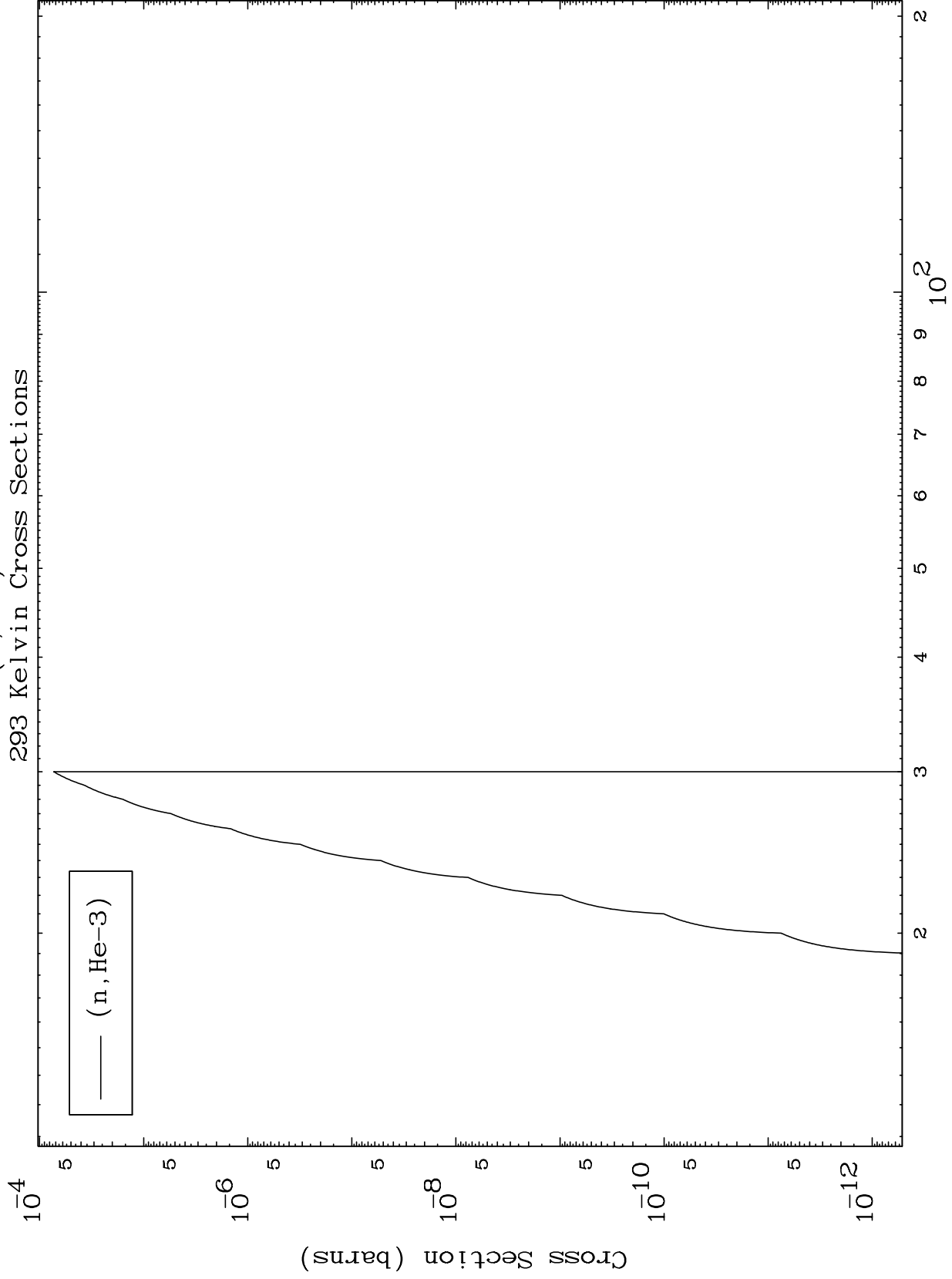
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-116



15

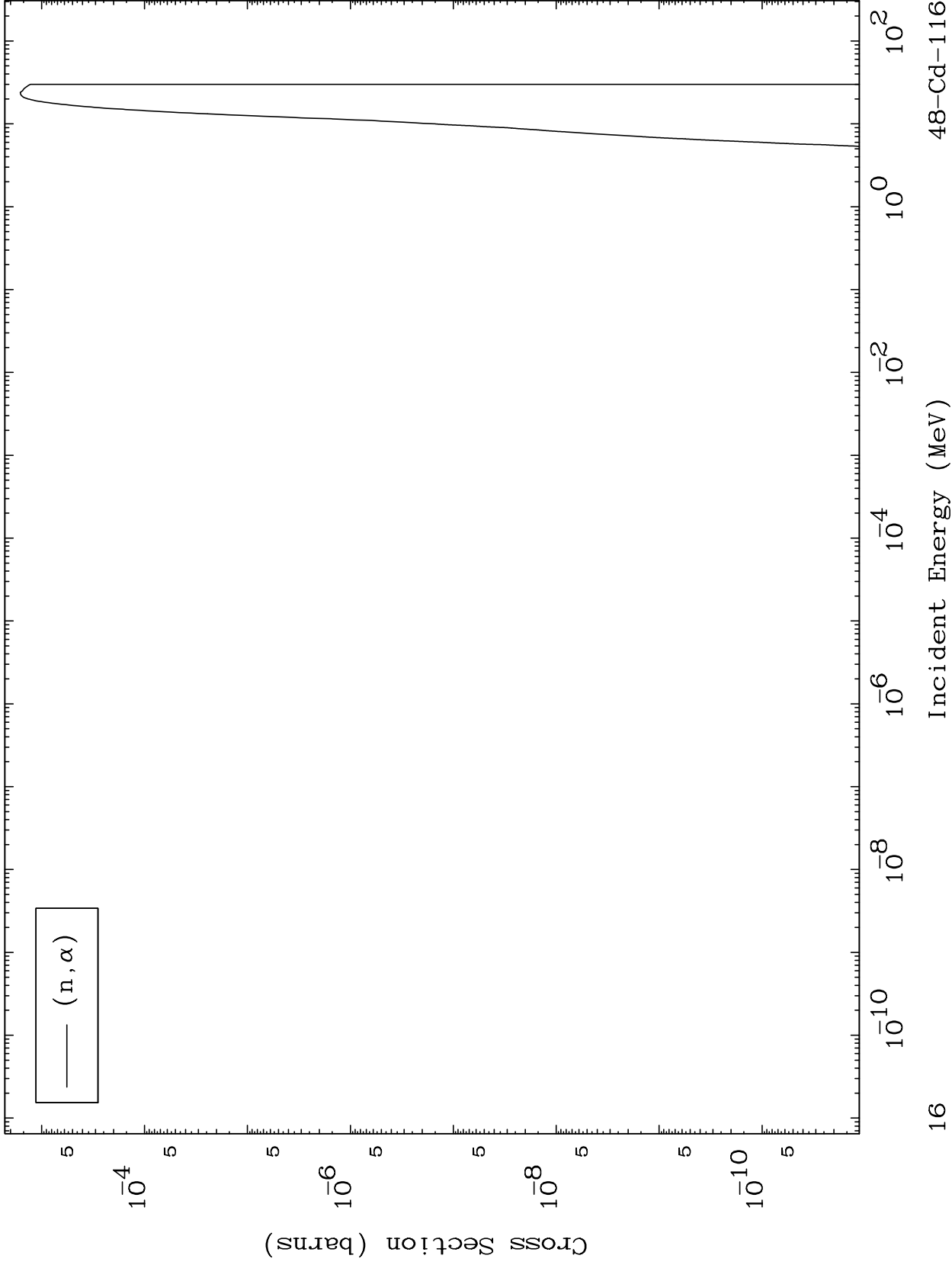
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

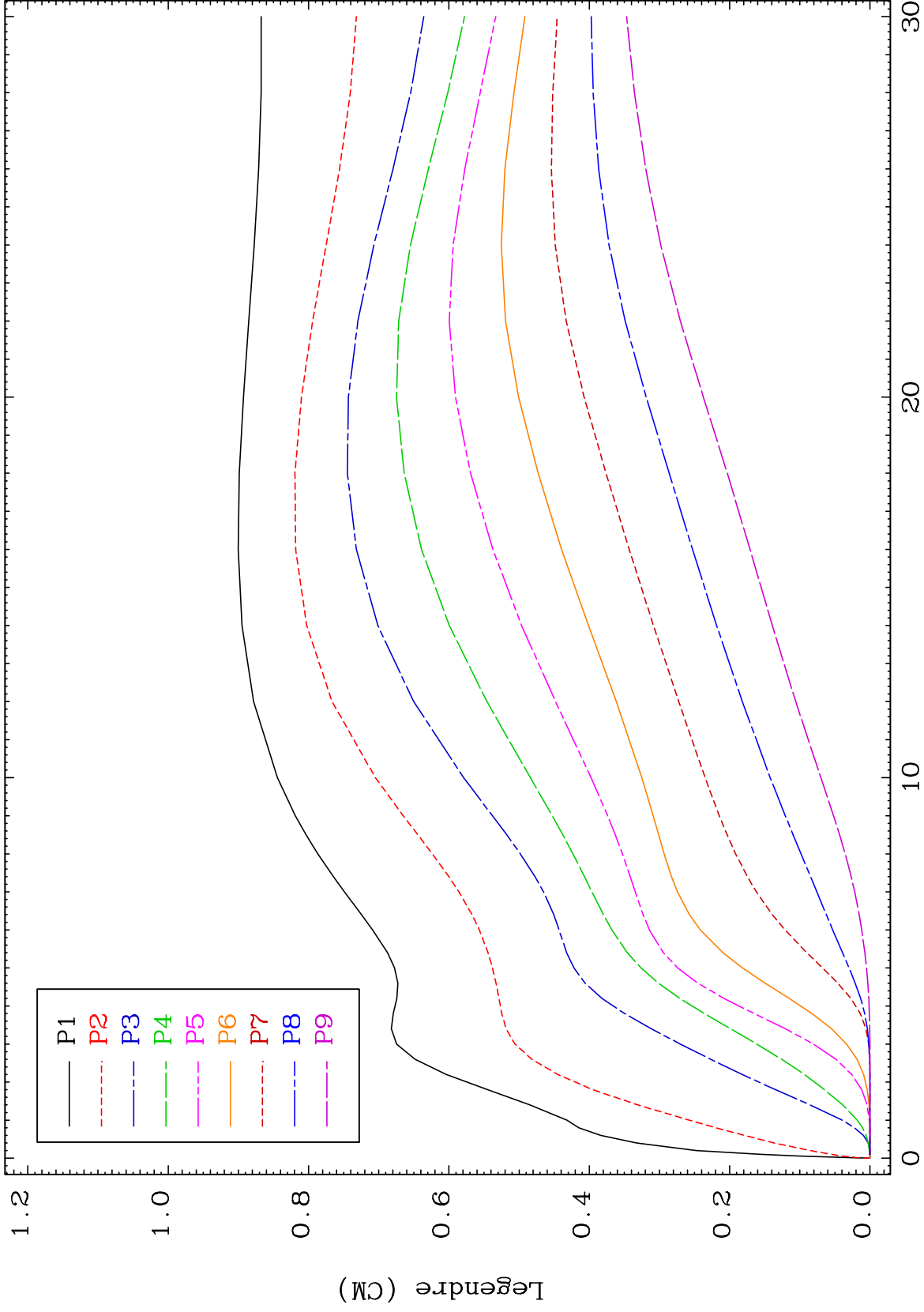
48-Cd-116



MAT 4855

Elastic Legendre Coefficients

48-Cd-116

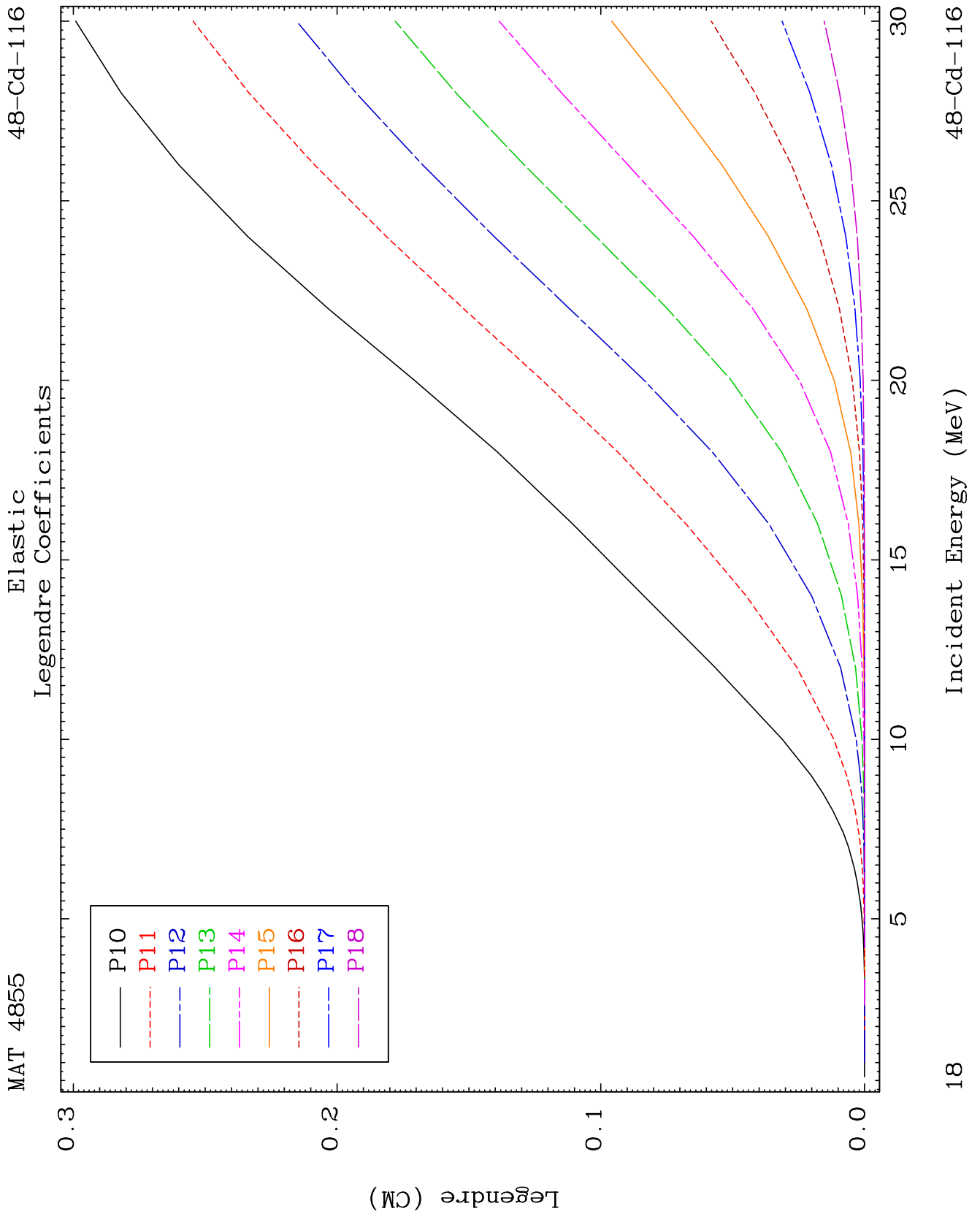


17

Incident Energy (MeV)

48-Cd-116

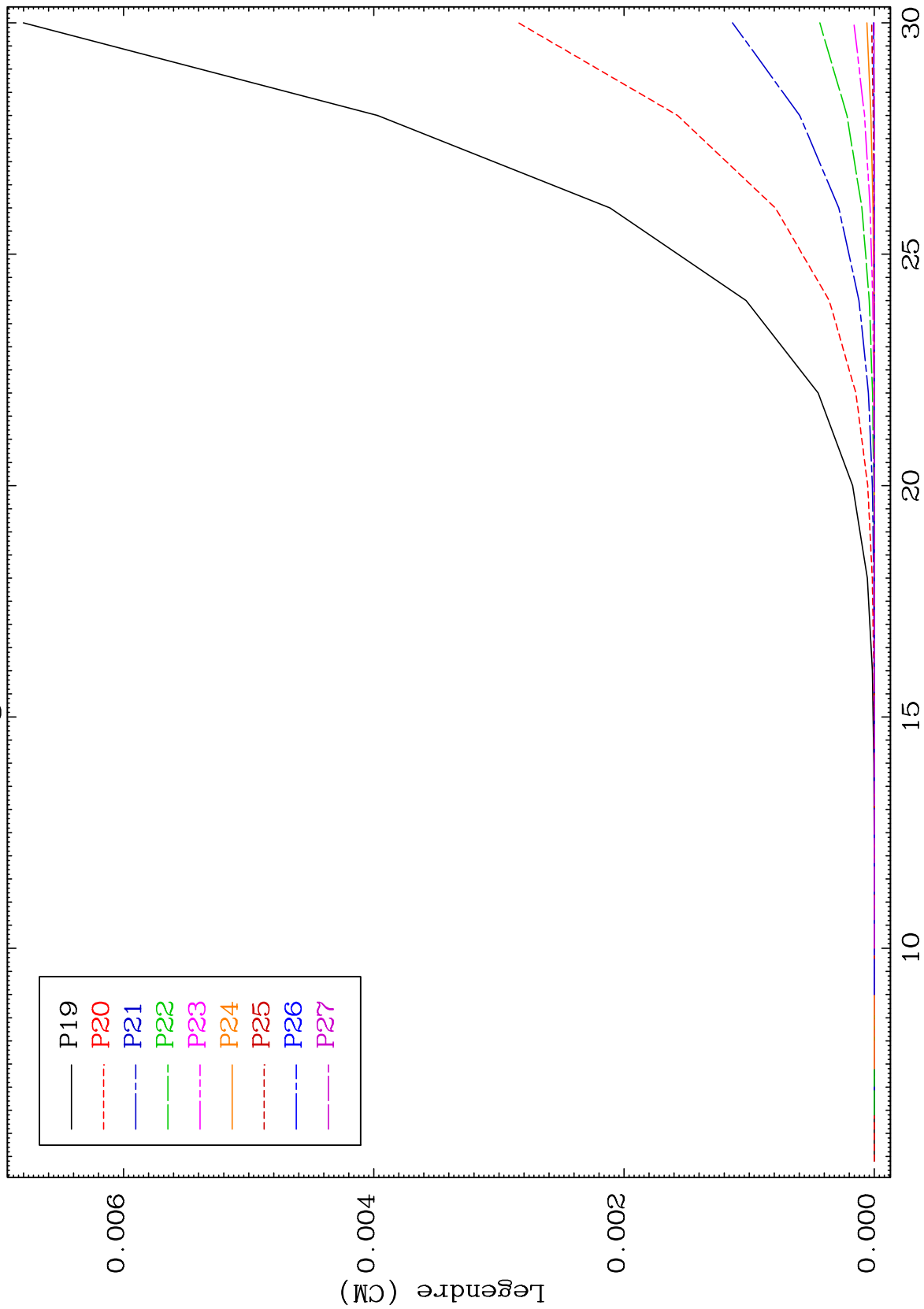
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MAT 4855

Elastic Legendre Coefficients

48-Cd-116



19

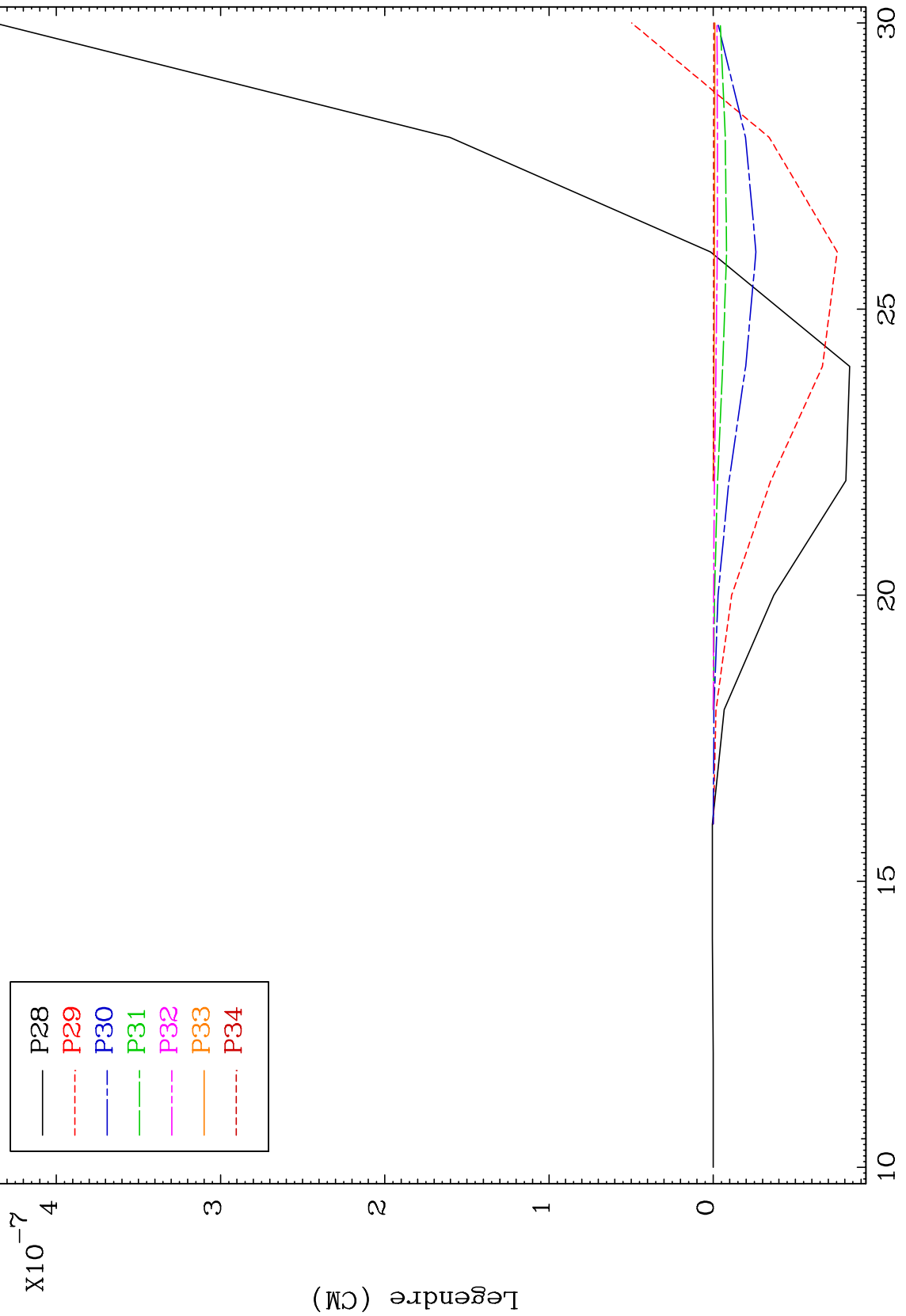
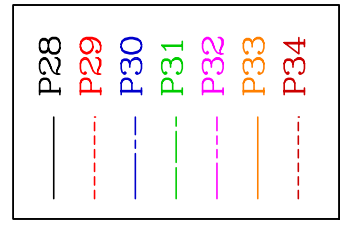
Incident Energy (MeV)

48-Cd-116

MAT 4855

Elastic Legendre Coefficients

48-Cd-116



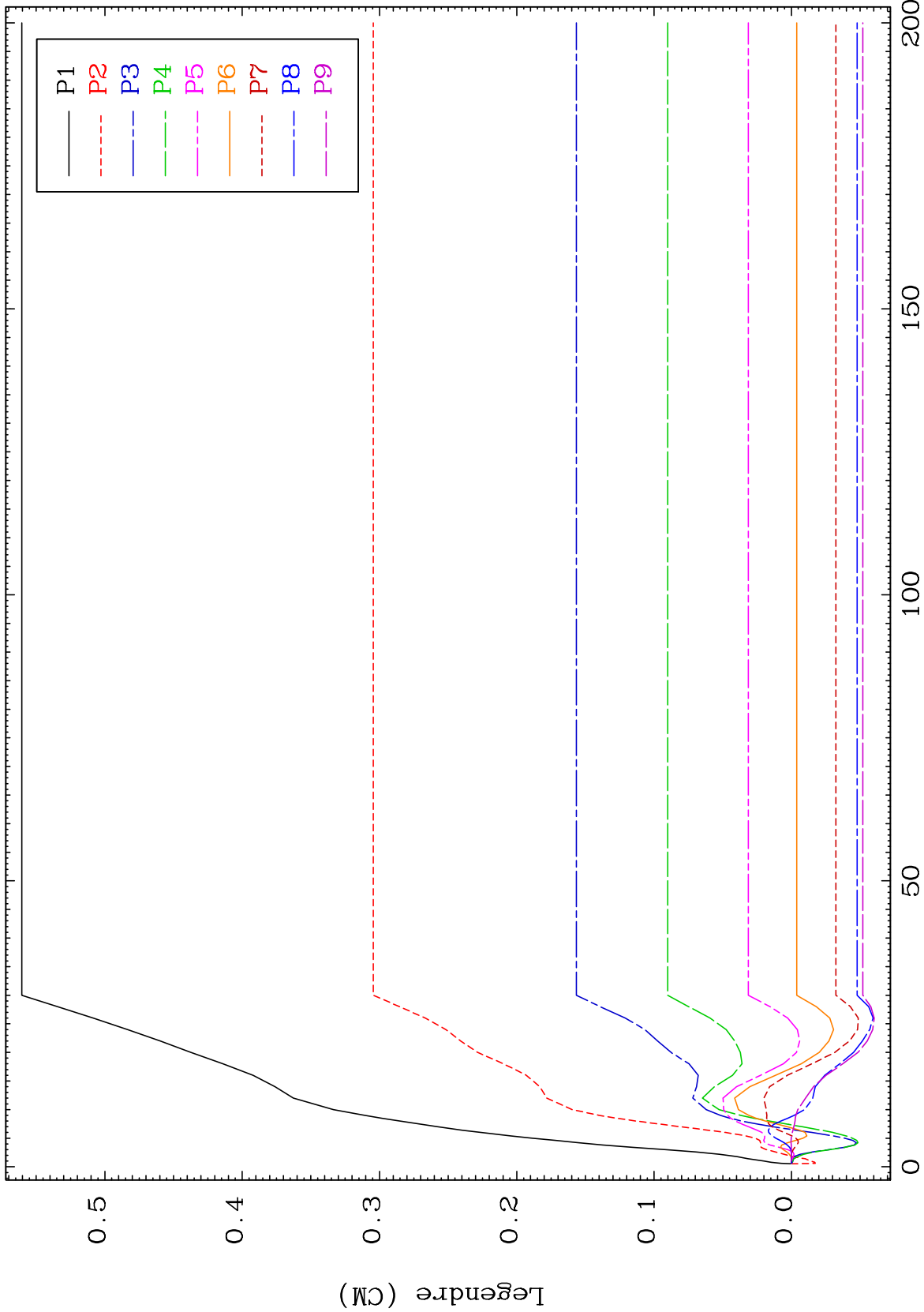
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



48-Cd-116

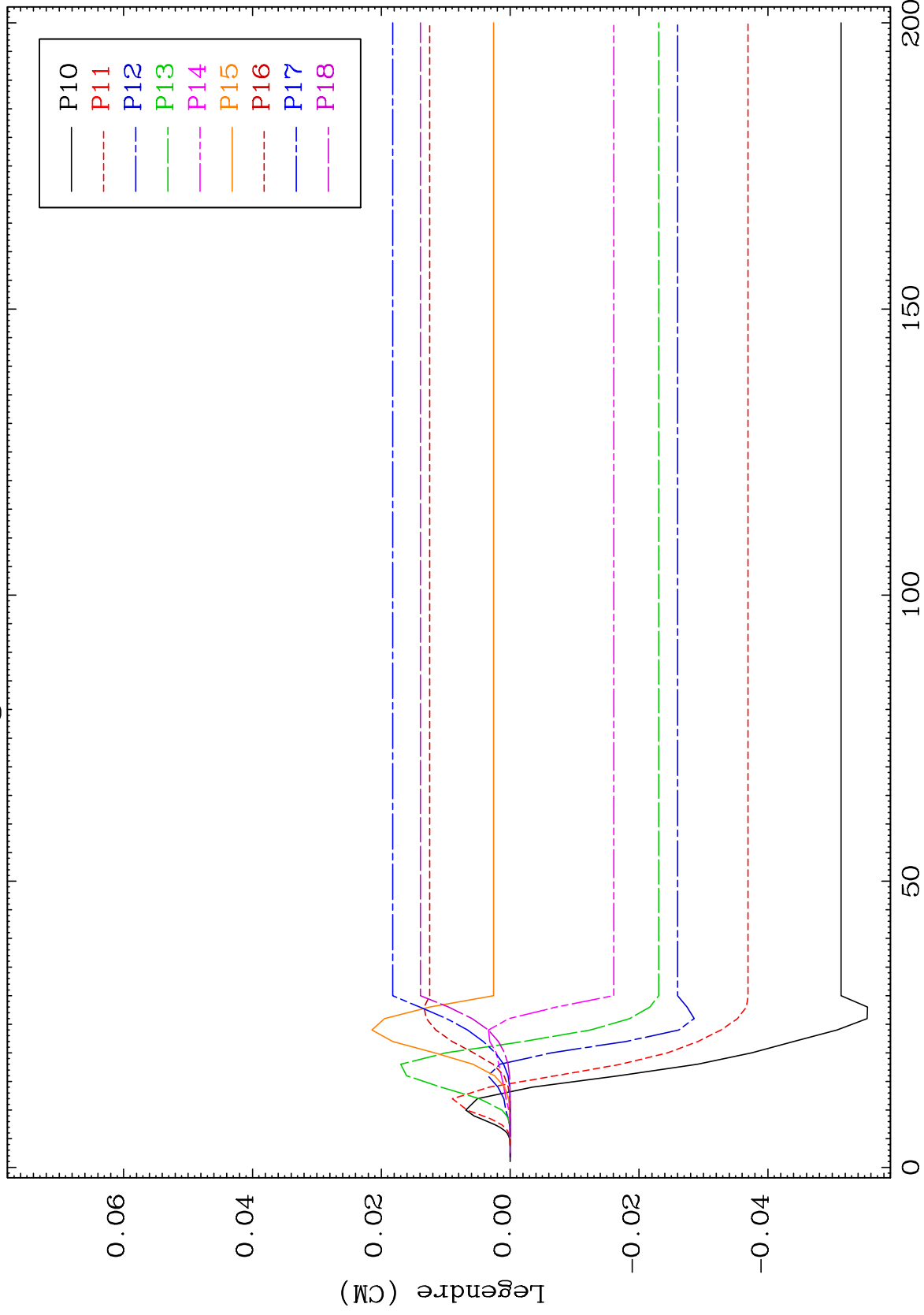
Incident Energy (MeV)

21

MAT 4855

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

48-Cd-116



22

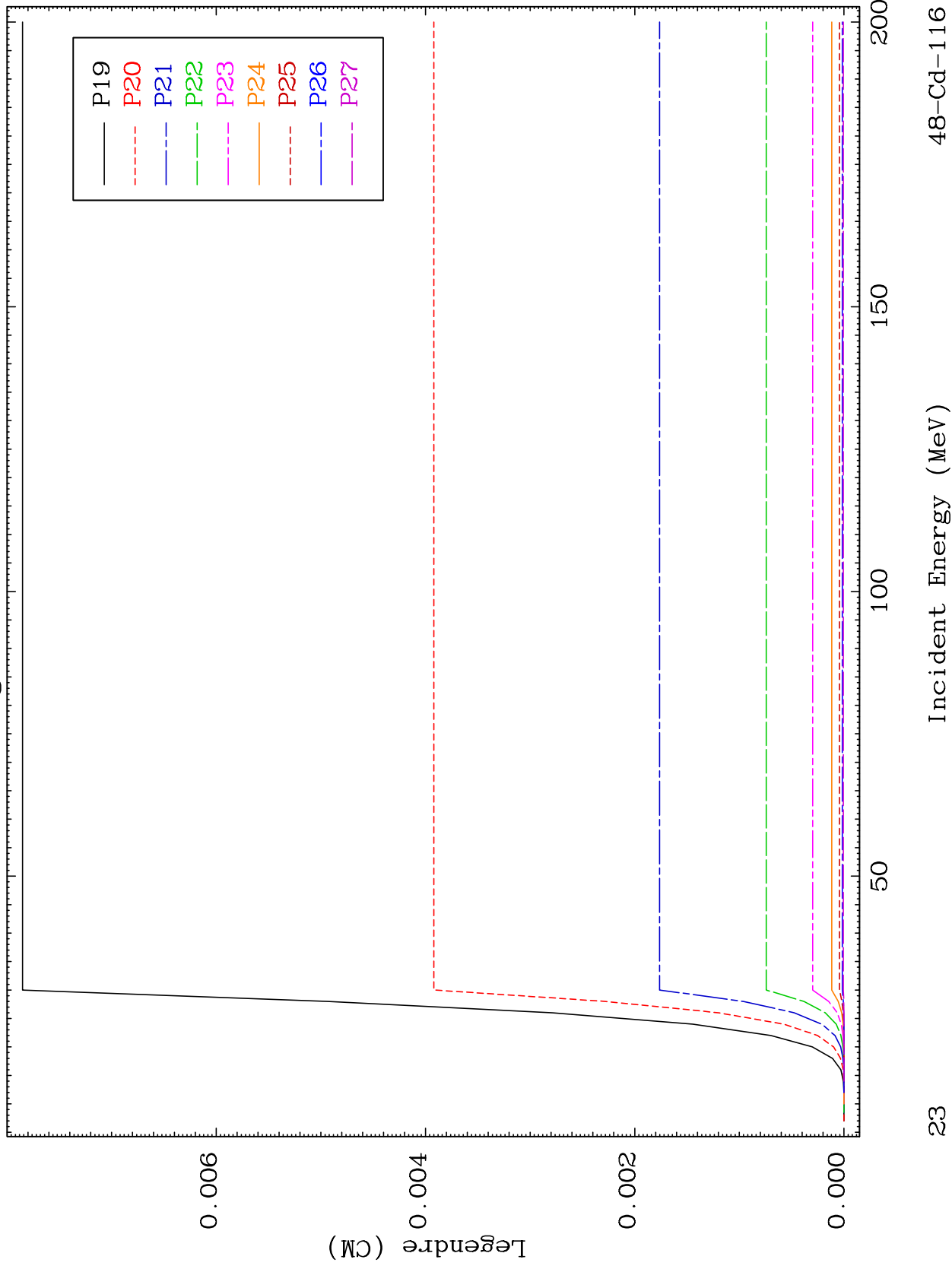
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

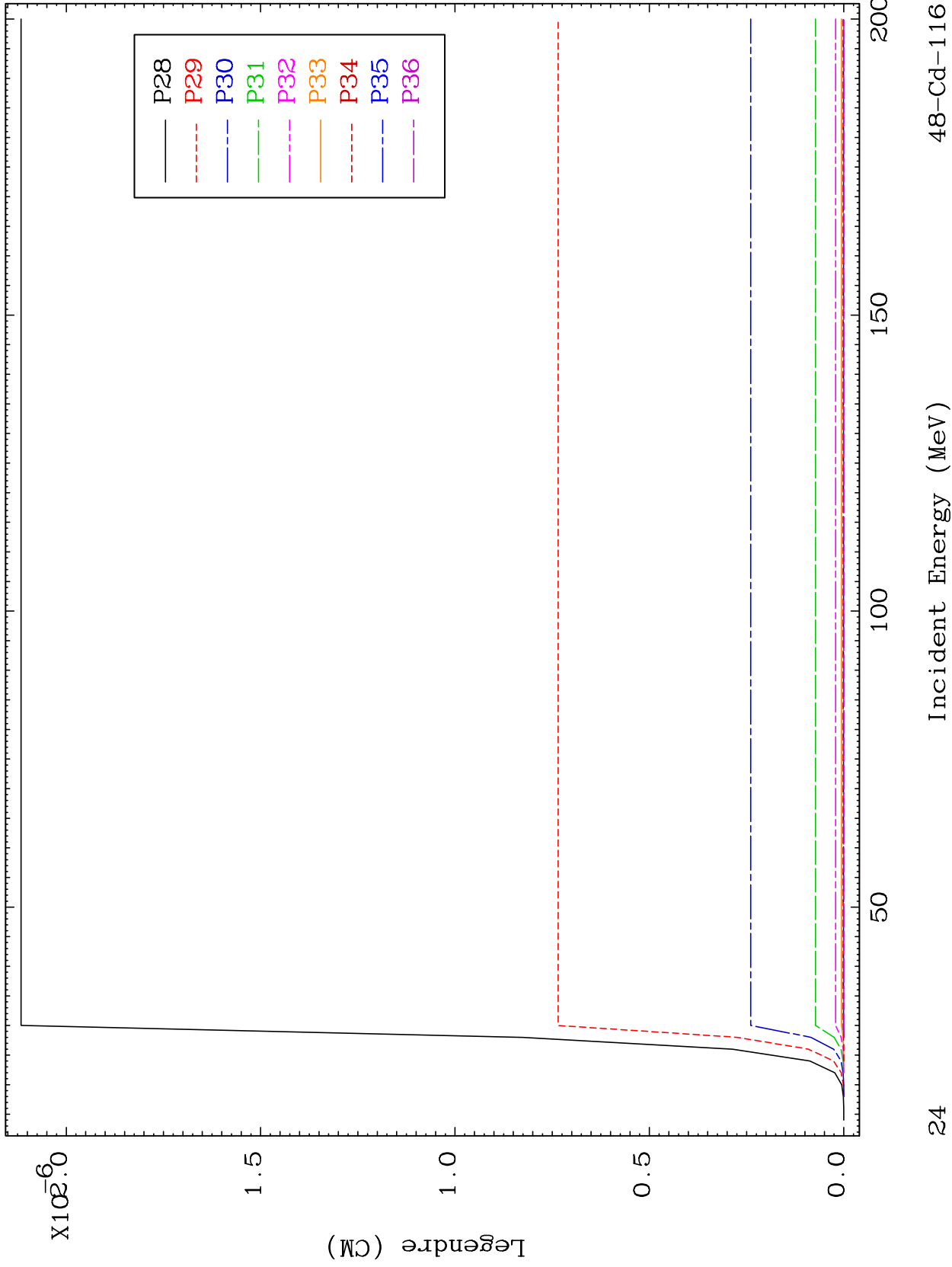
48-Cd-116



MAT 4855

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

48-Cd-116



24

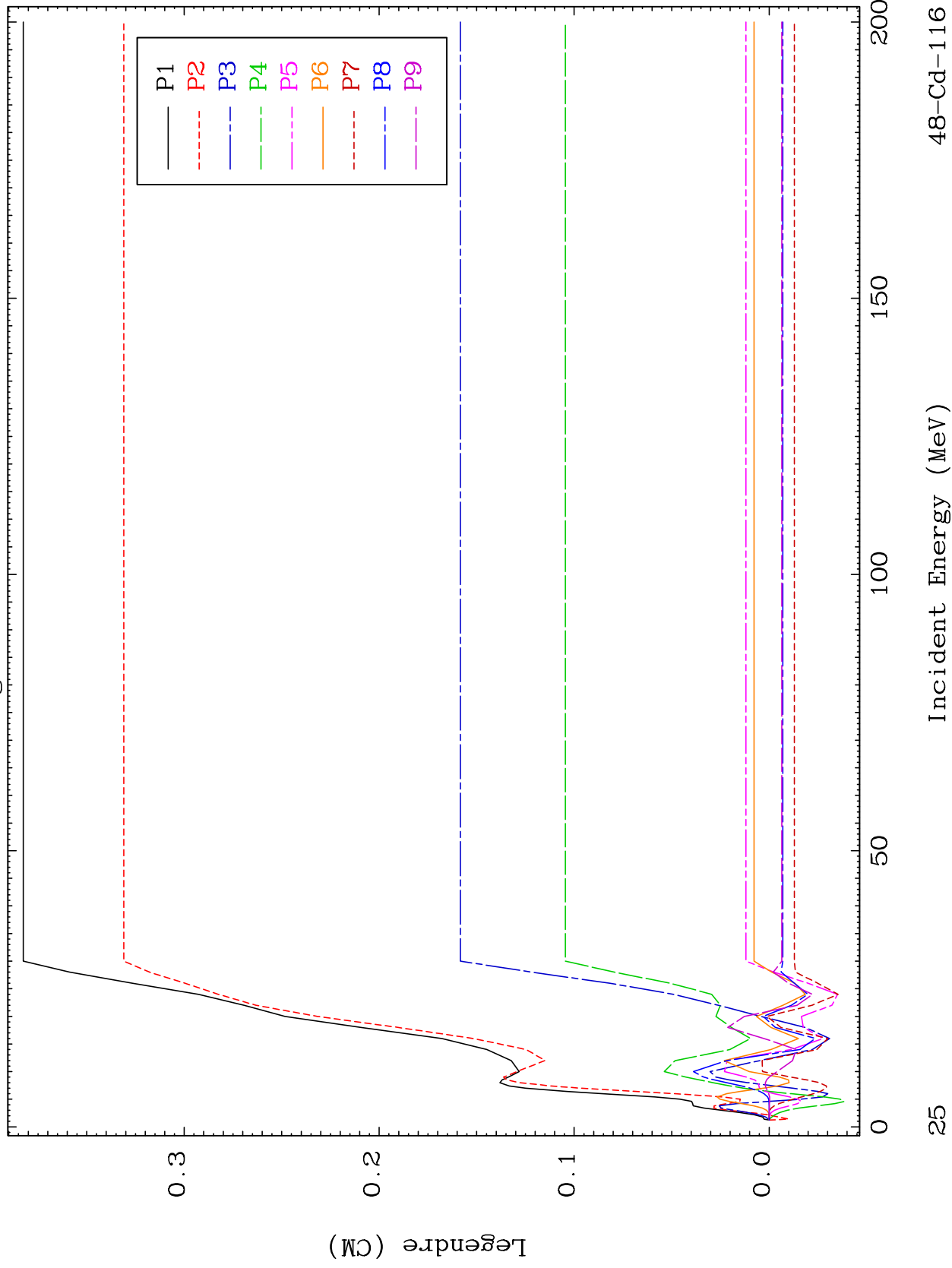
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

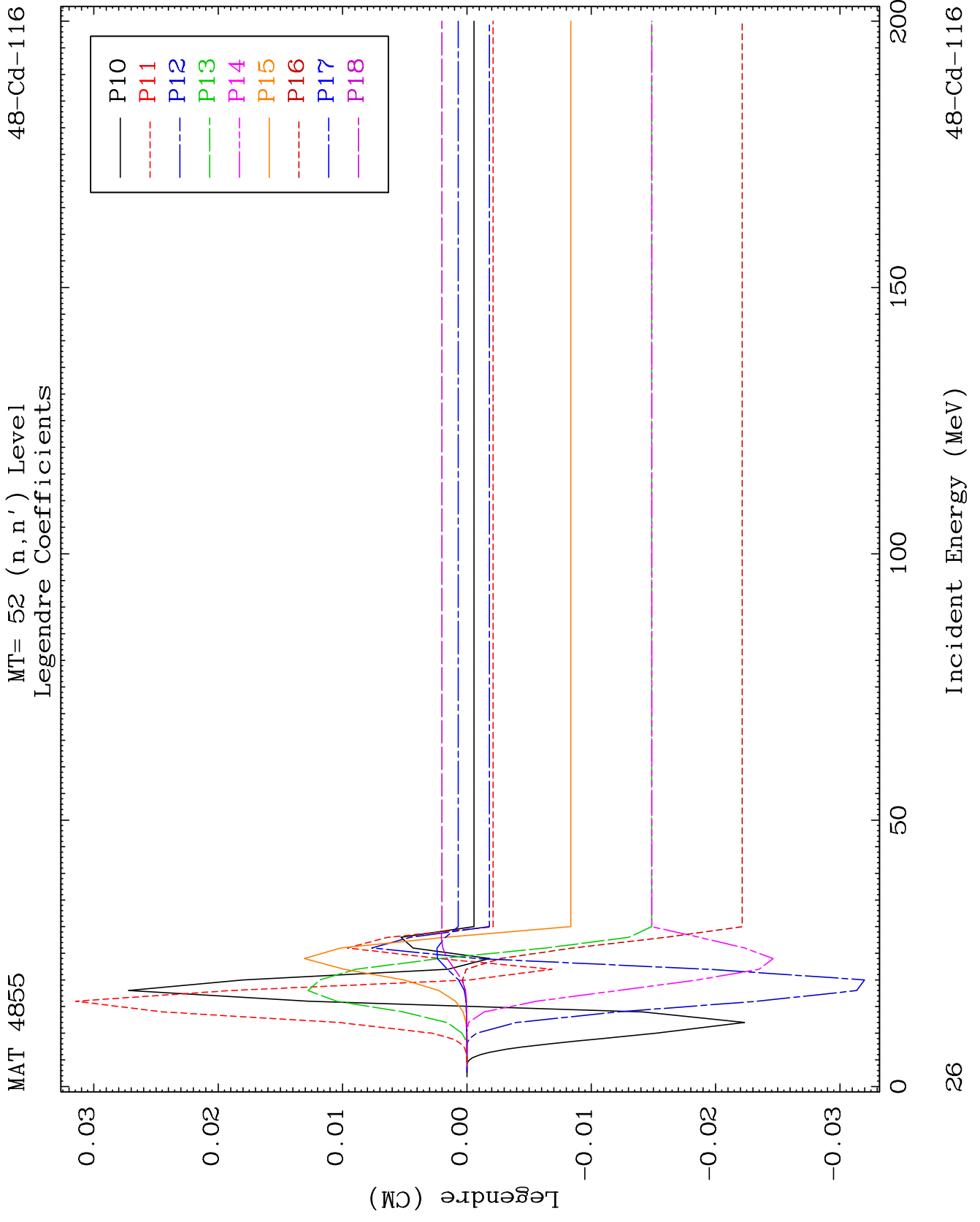
48-Cd-116



48-Cd-116

Incident Energy (MeV)

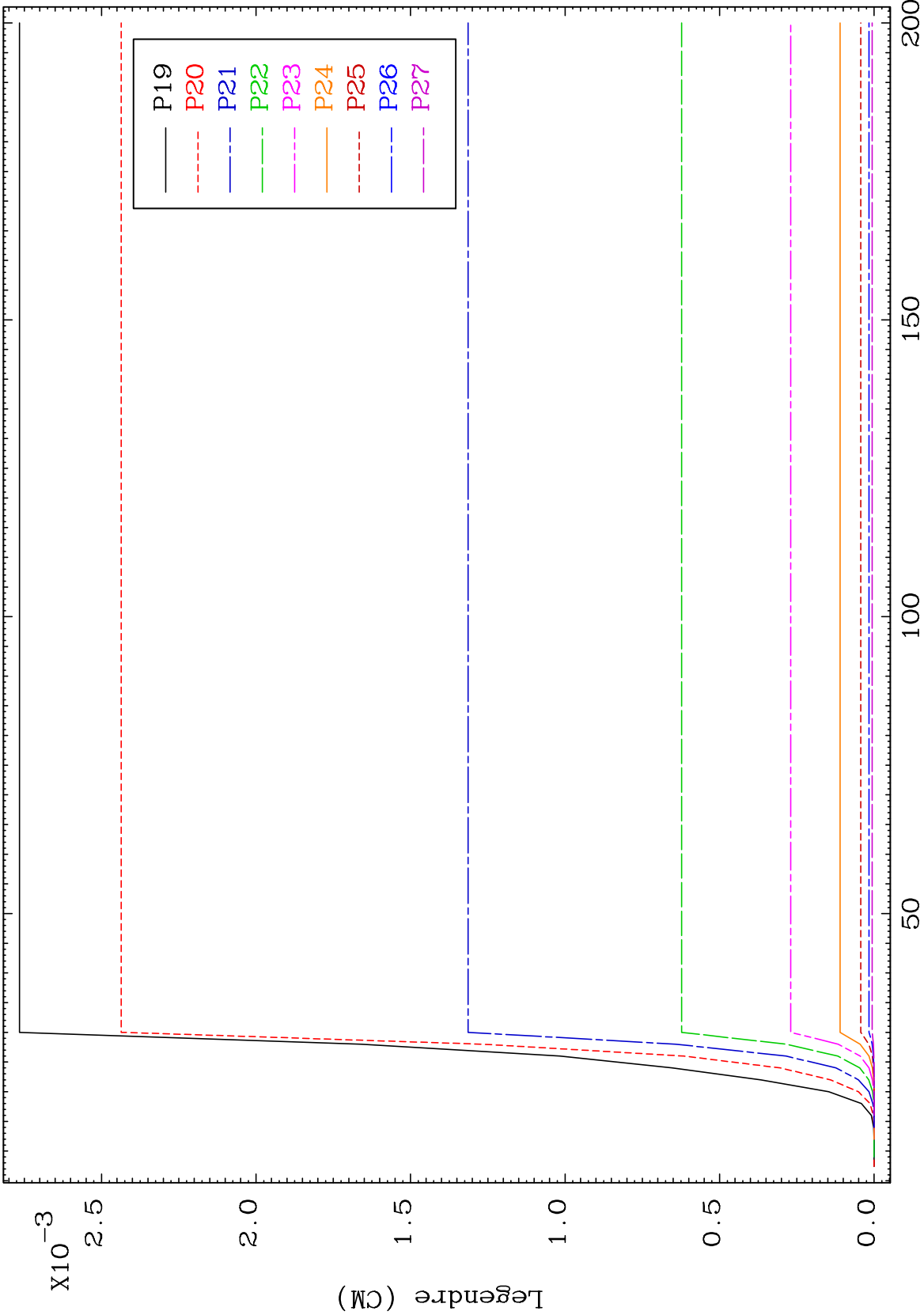
25



MAT 4855

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

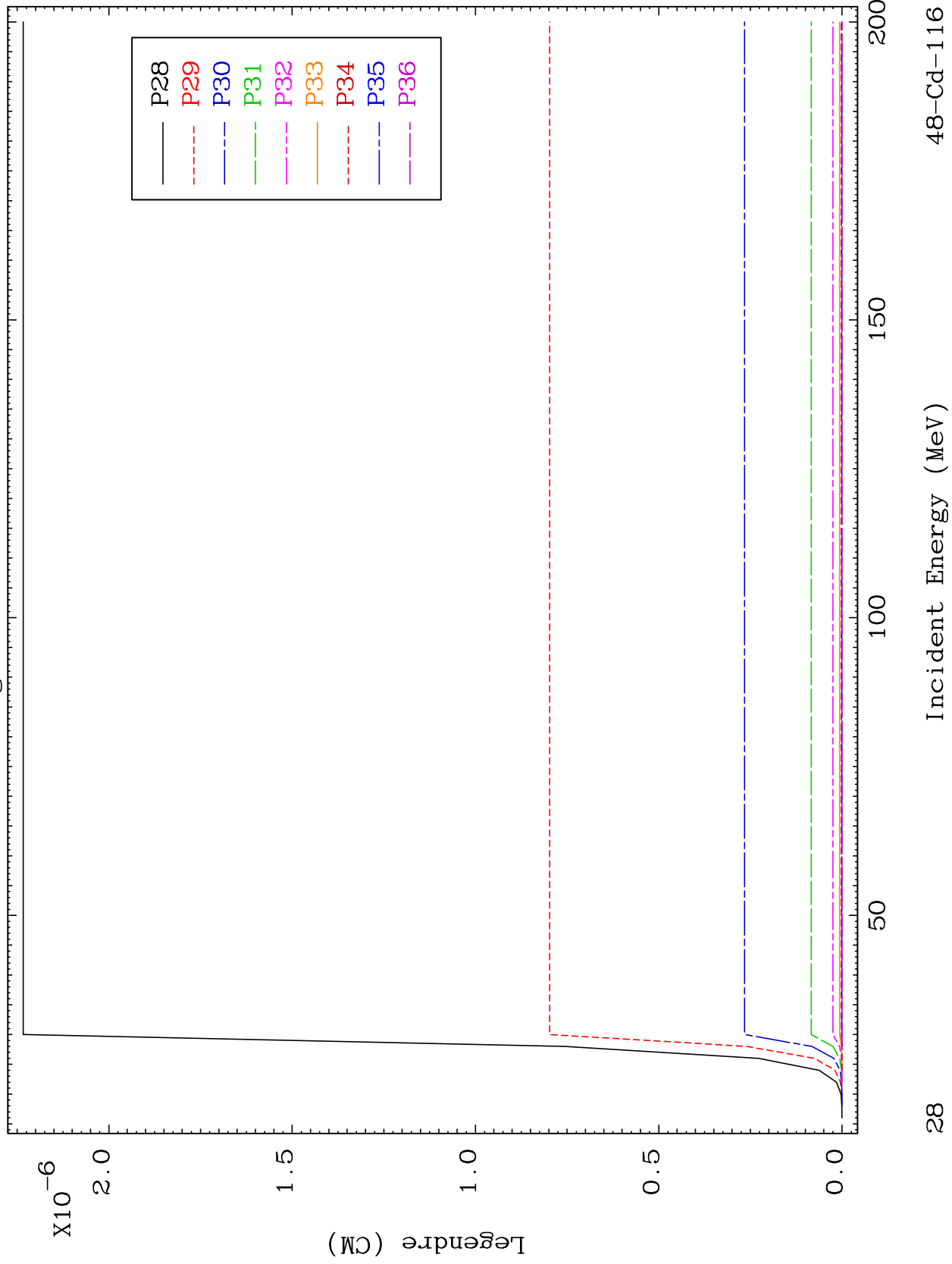
48-Cd-116



MAT 4855

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

48-Cd-116



28

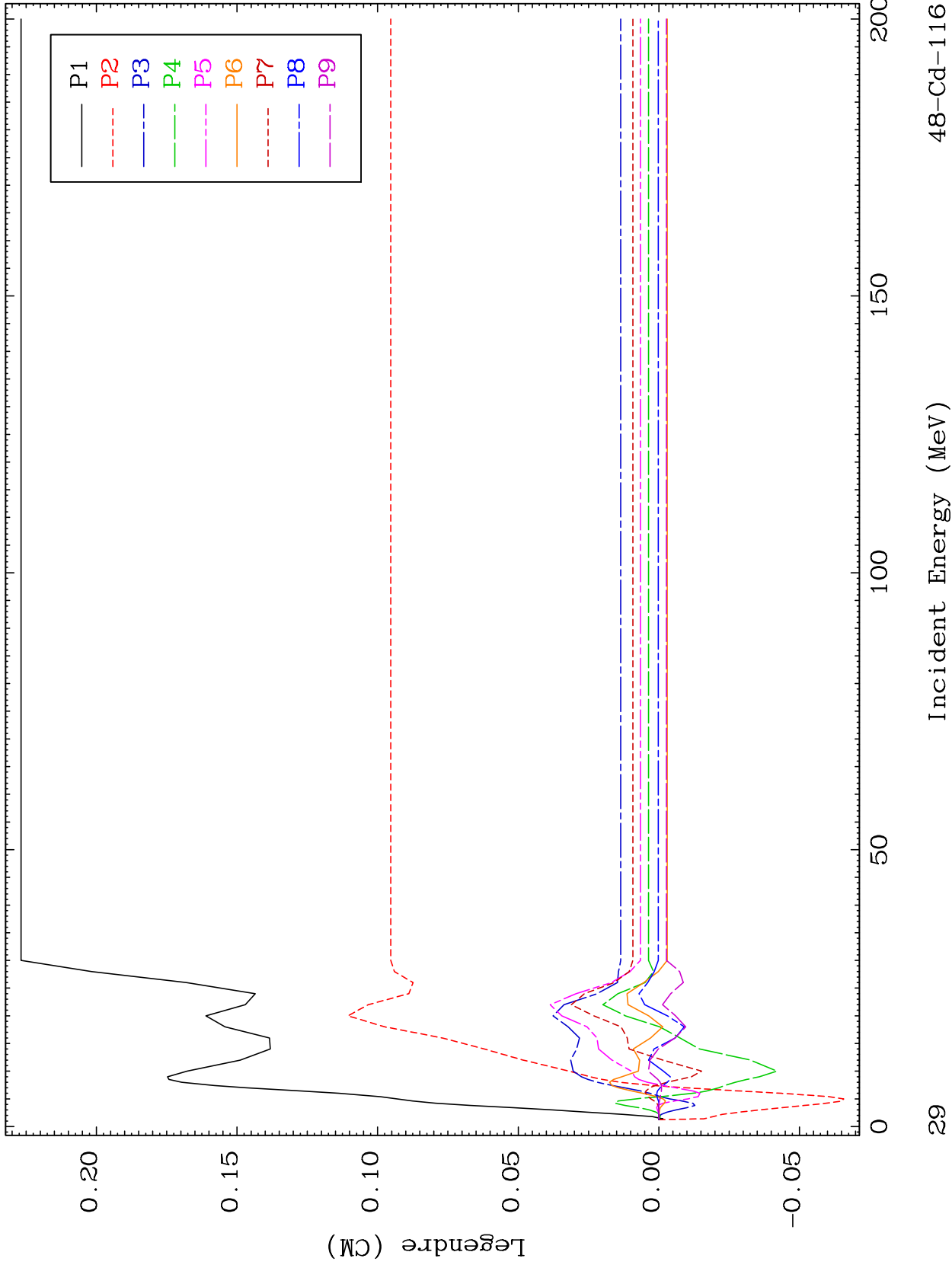
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

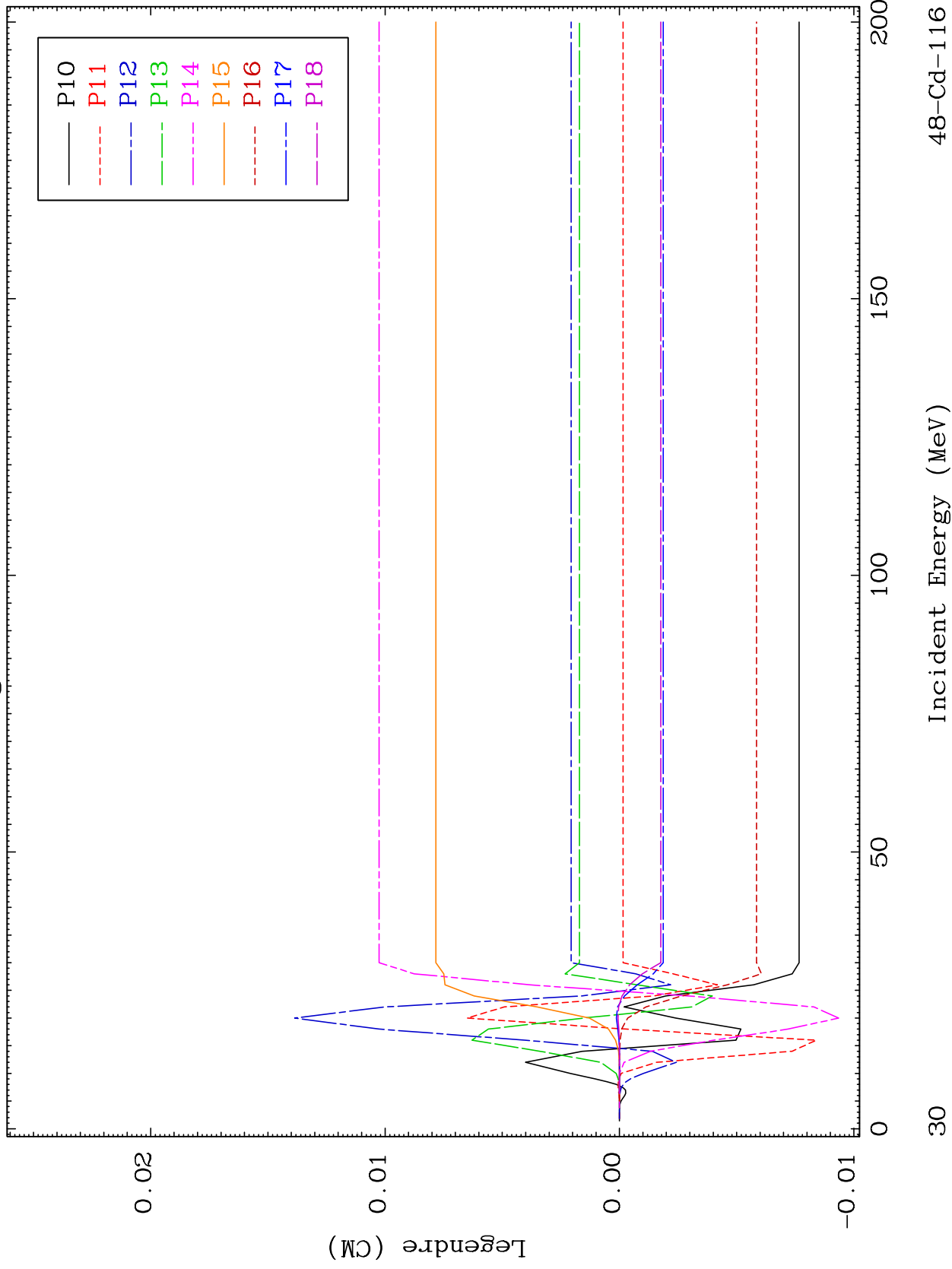
48-Cd-116



MAT 4855

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

48-Cd-116

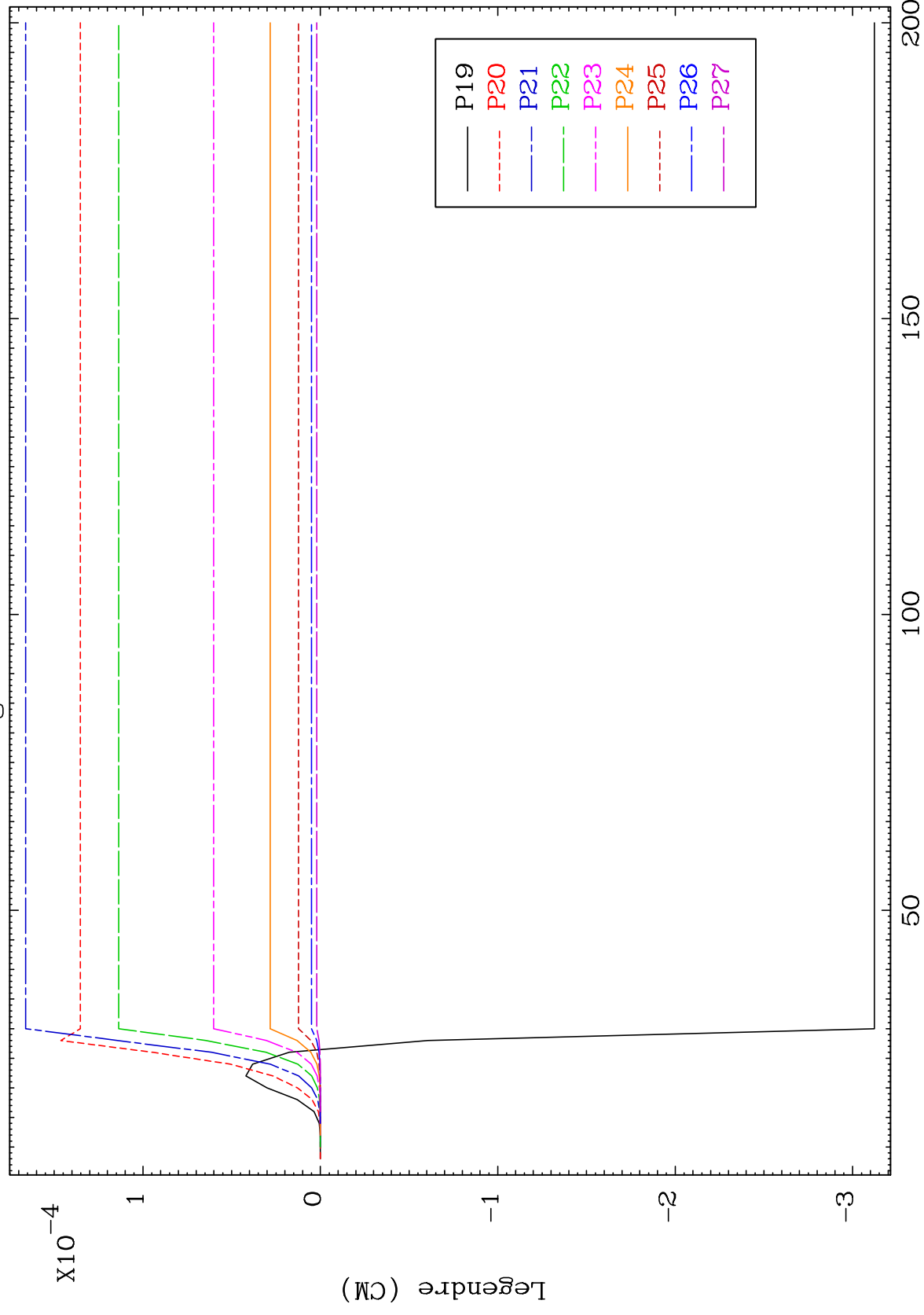


48-Cd-116

MAT 4855

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

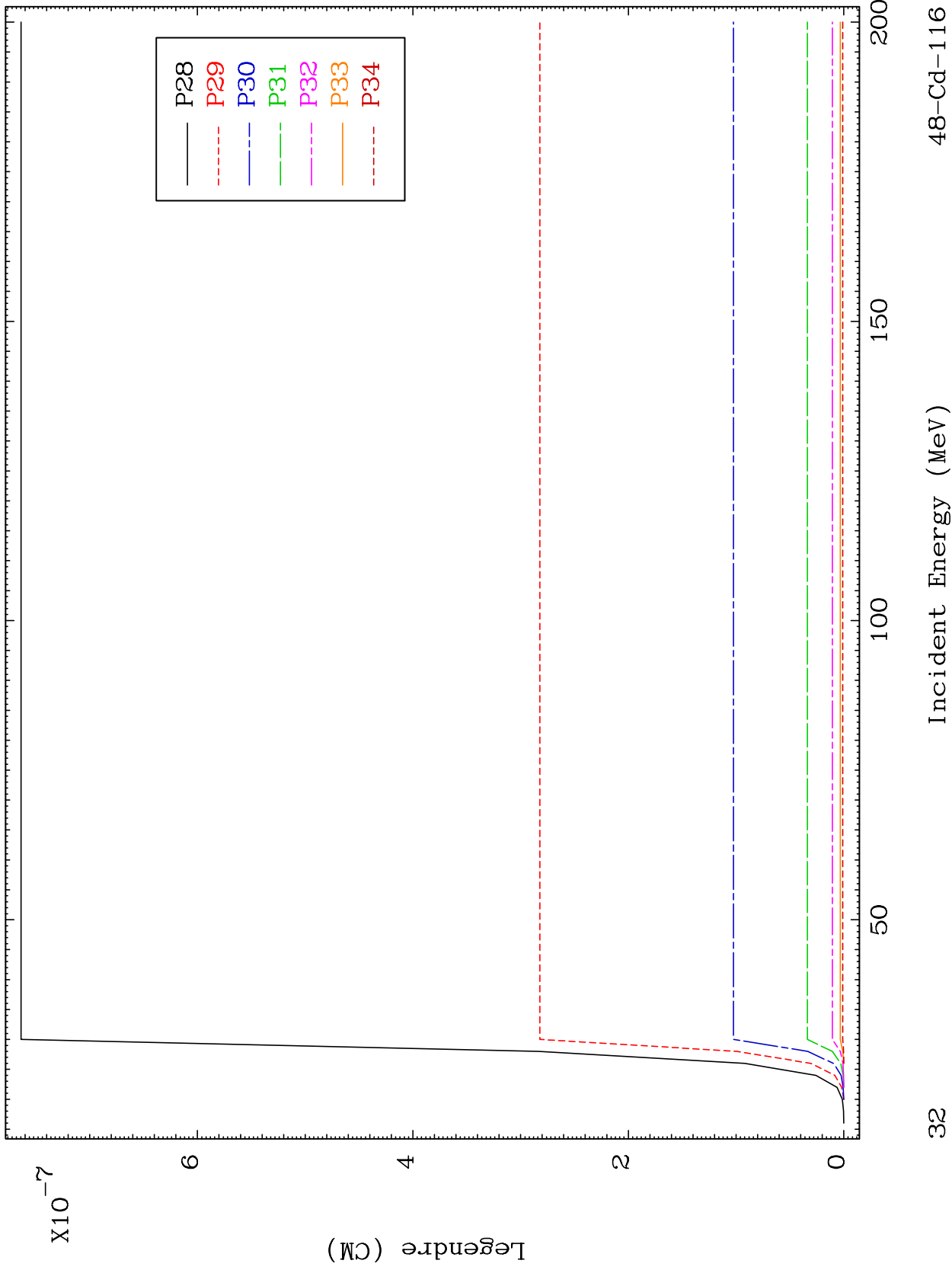
48-Cd-116



MAT 4855

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

48-Cd-116



32

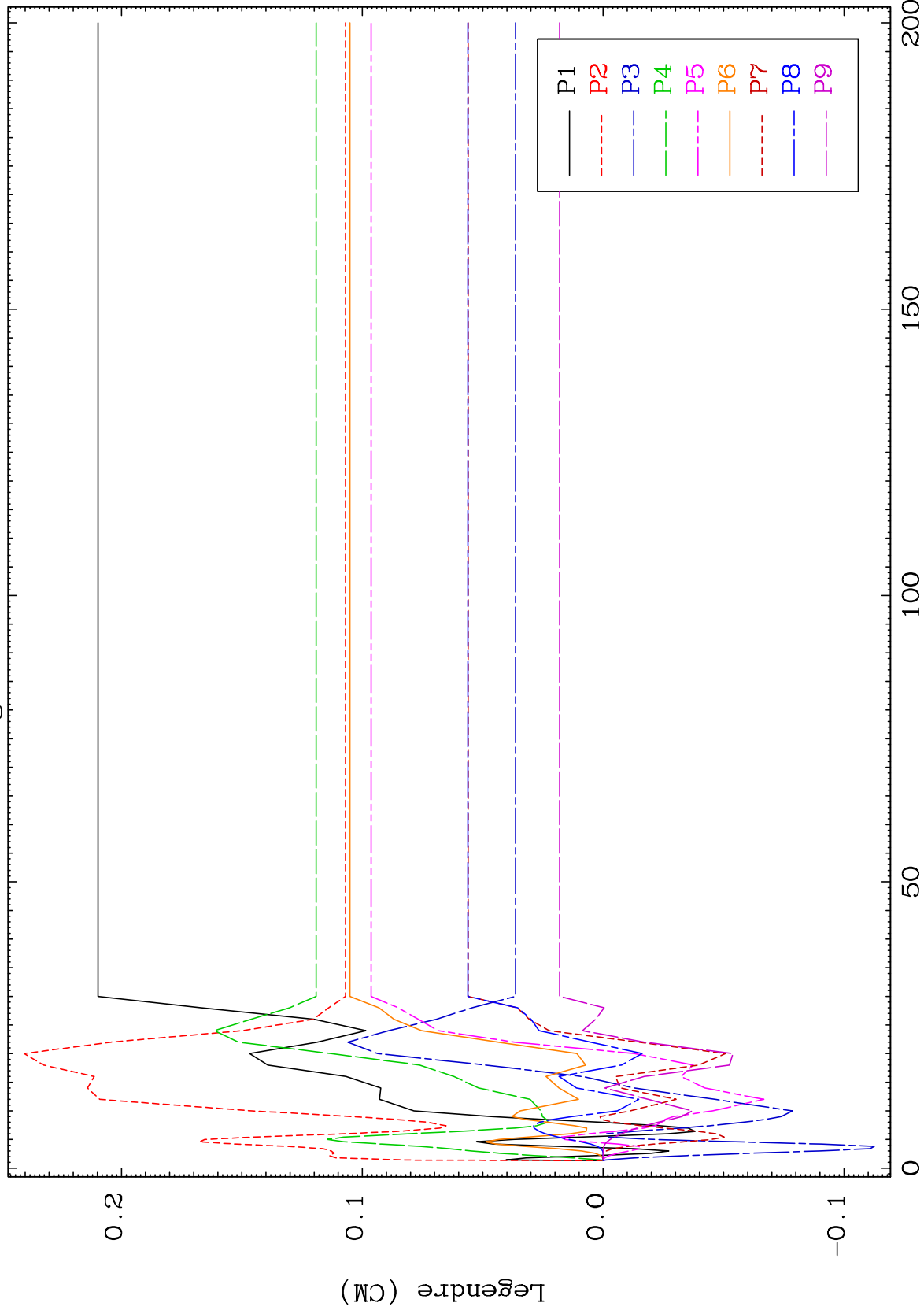
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



33

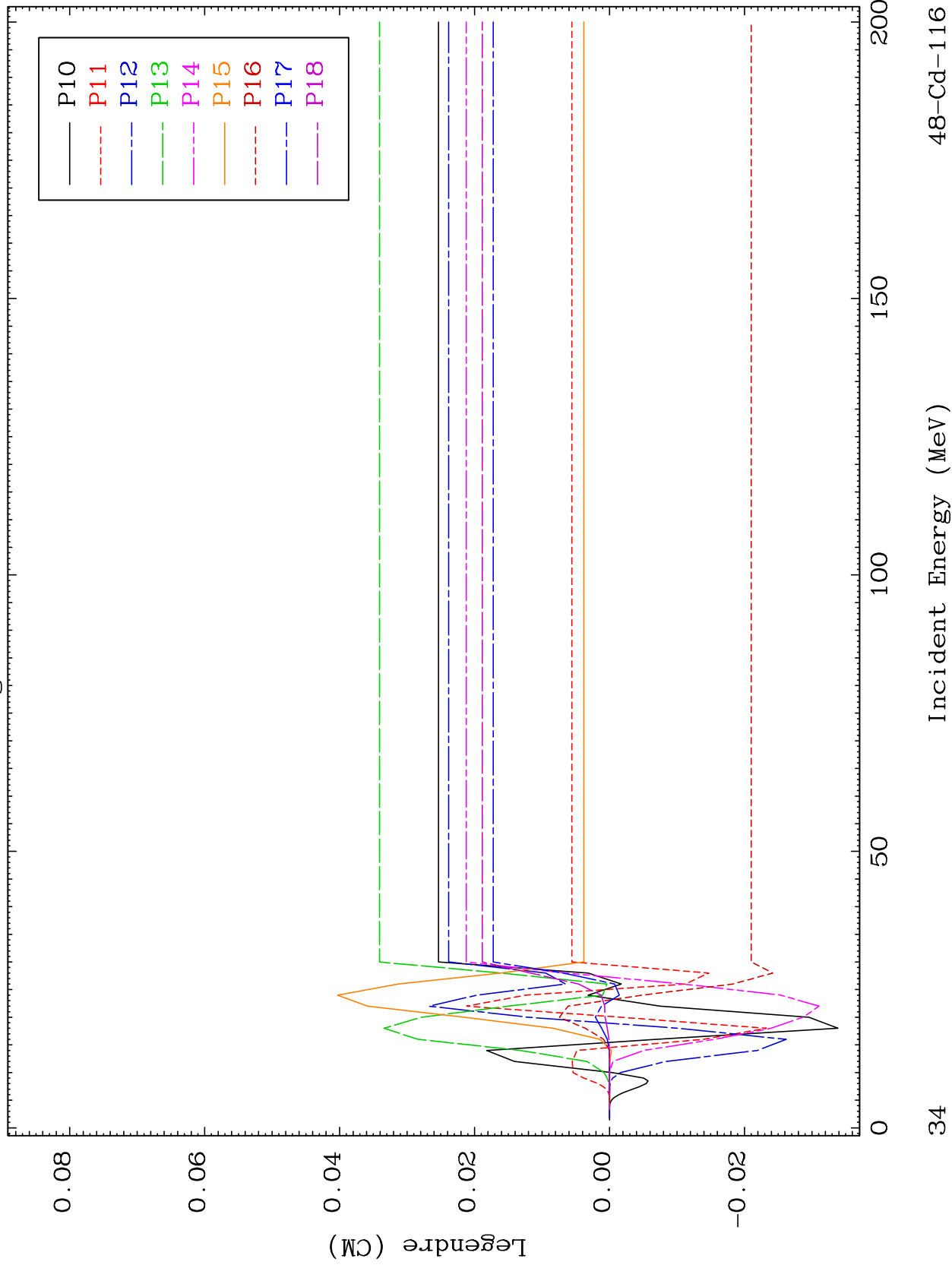
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



48-Cd-116

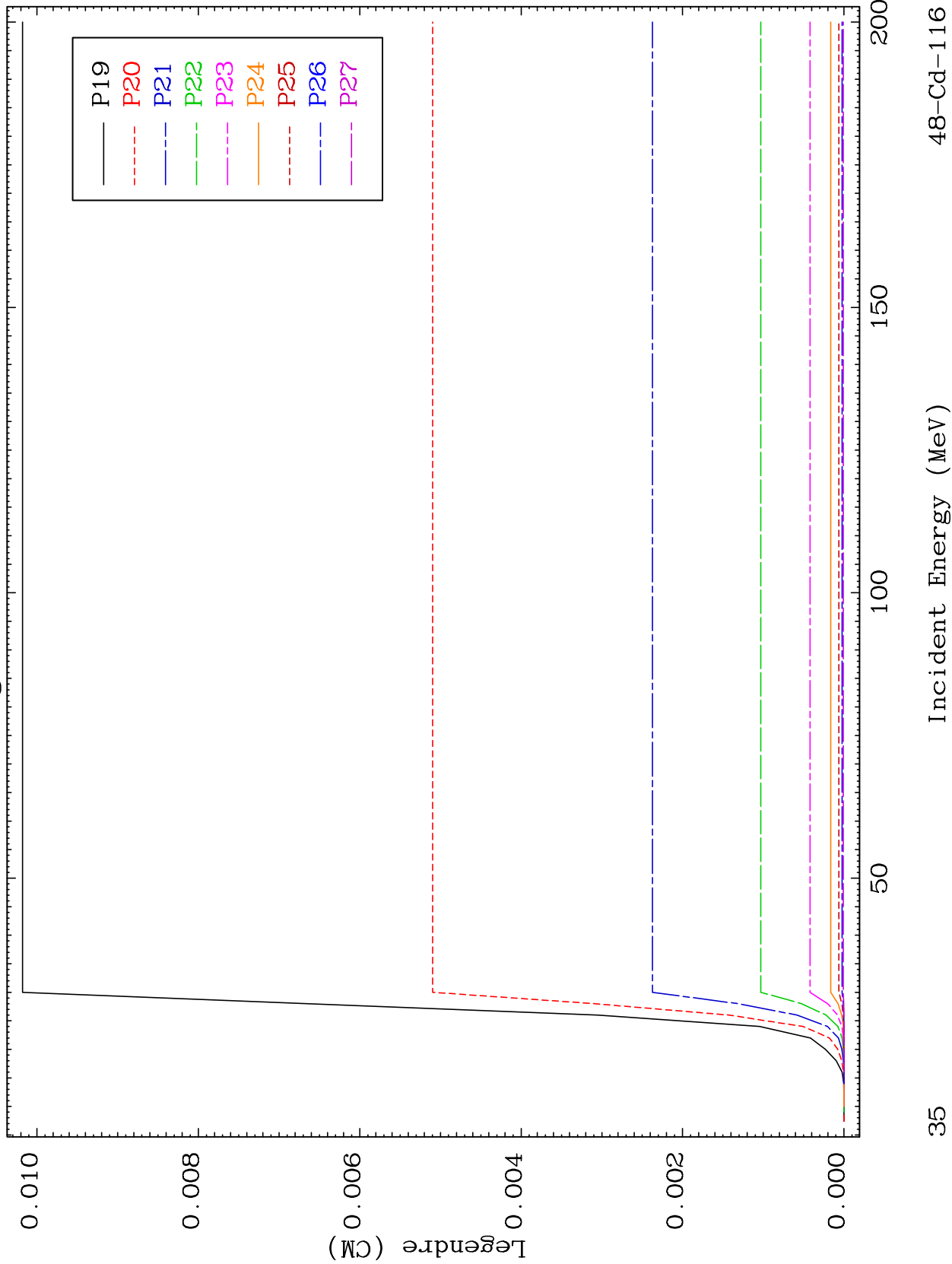
Incident Energy (MeV)

34

MAT 4855

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

48-Cd-116



35

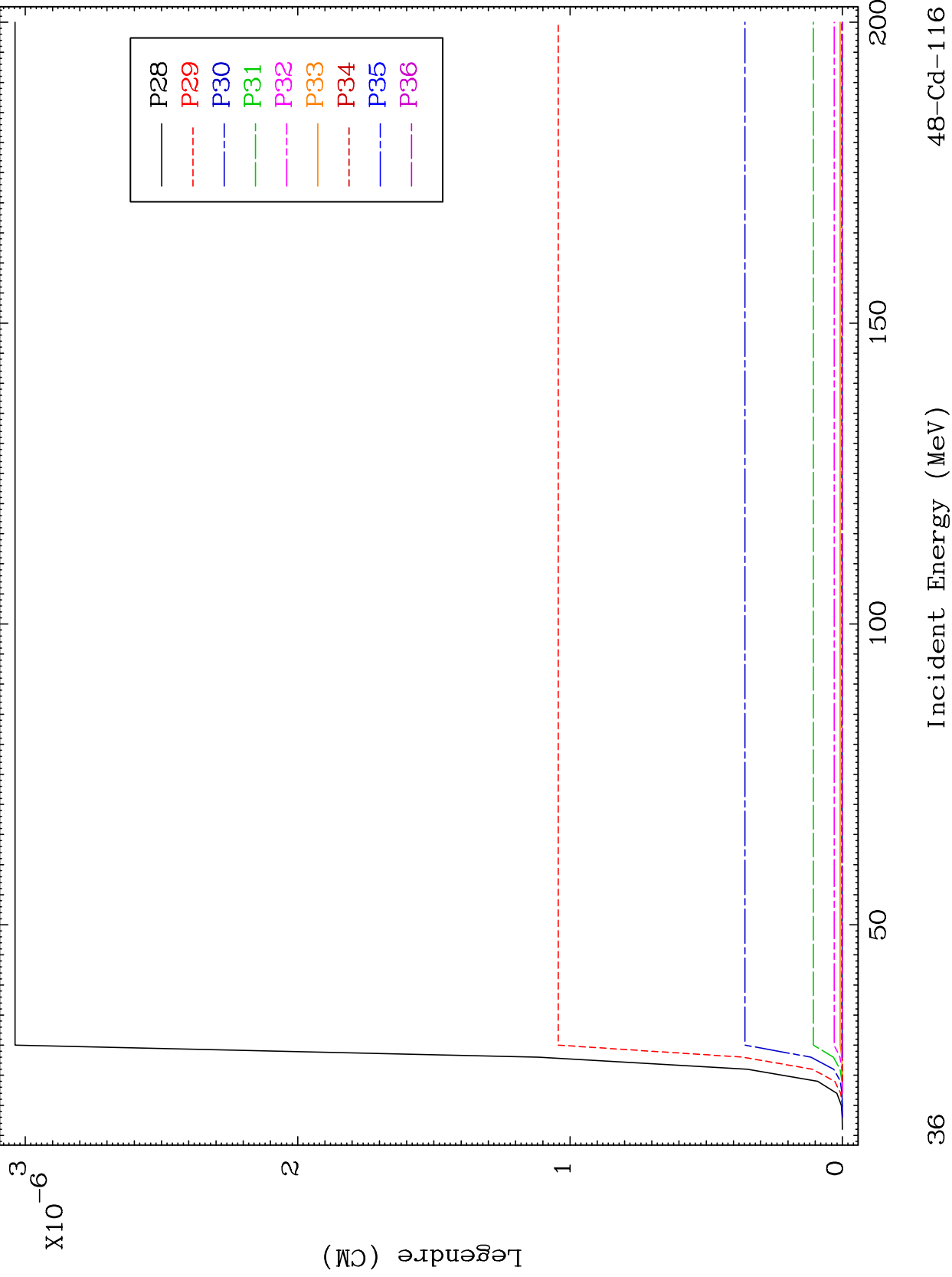
Incident Energy (MeV)

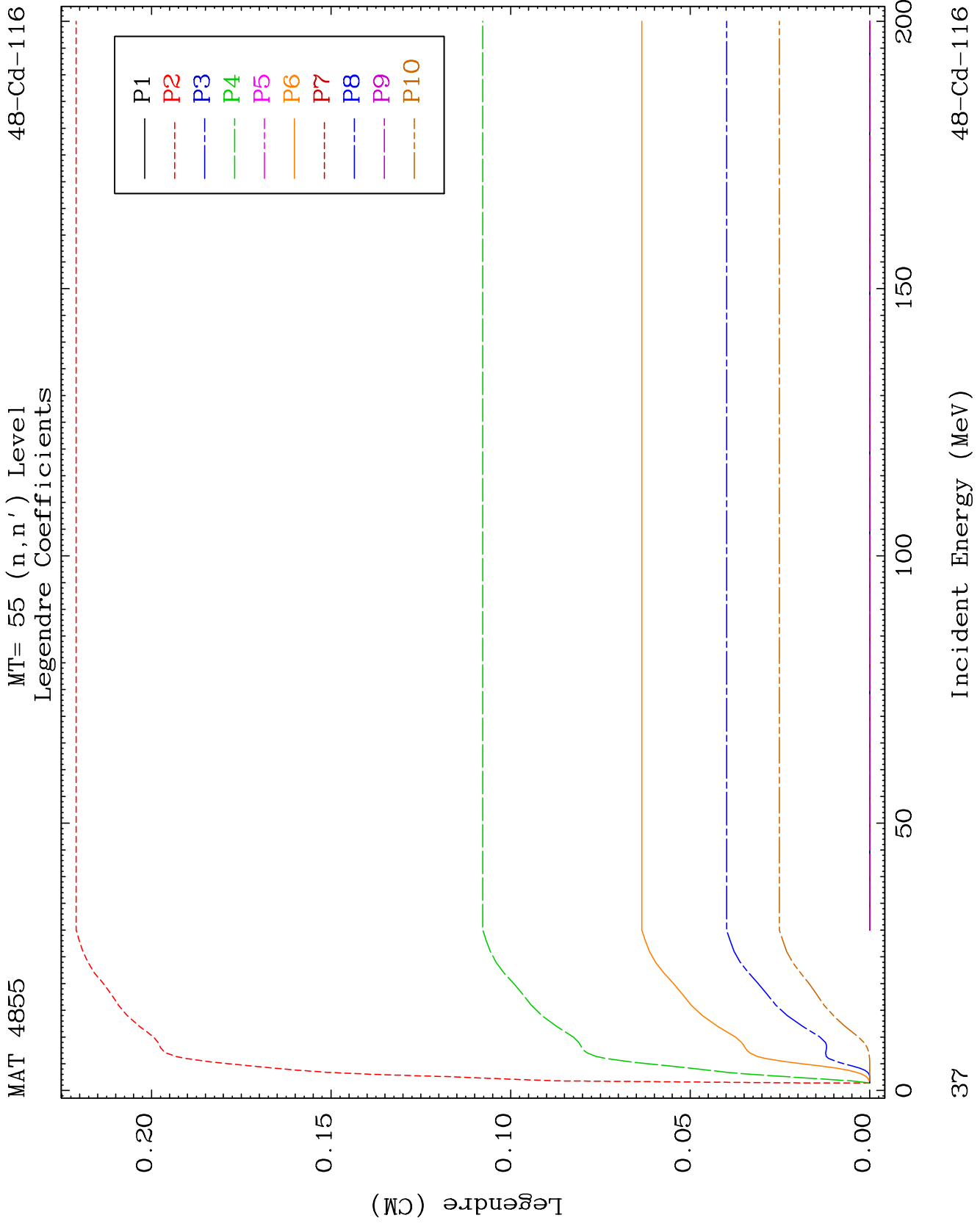
48-Cd-116

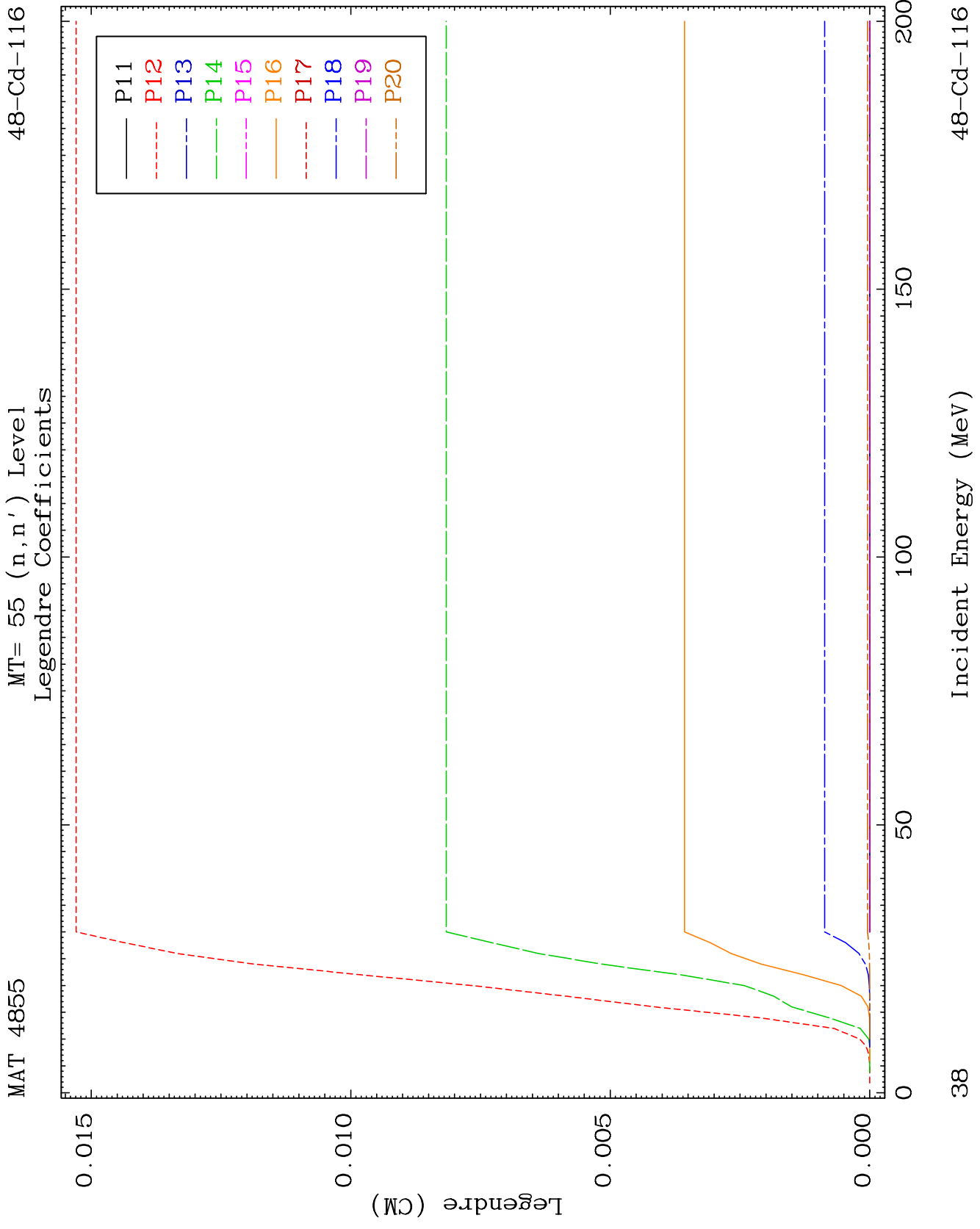
MAT 4855

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

48-Cd-116



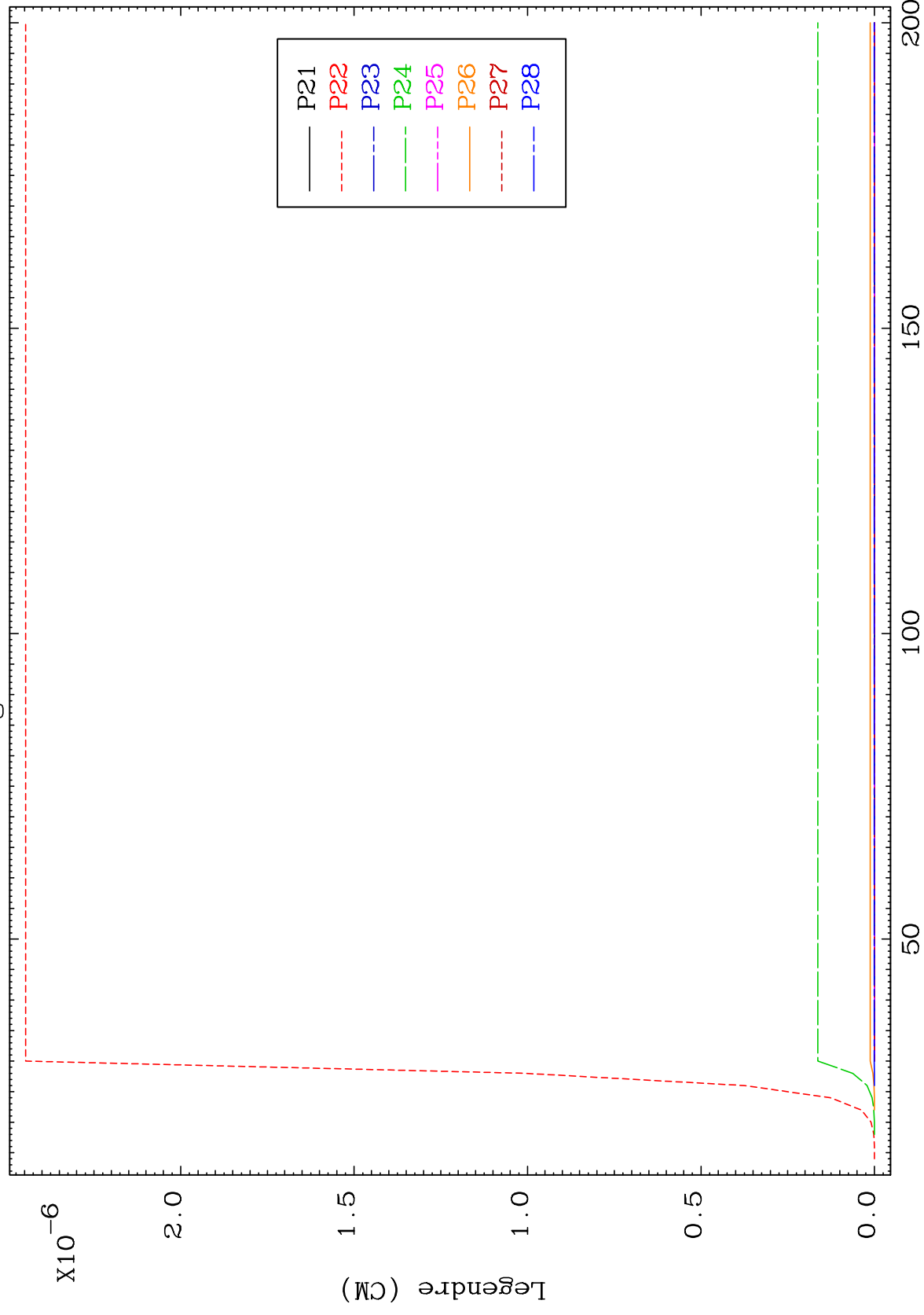




MAT 4855

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

48-Cd-116



39

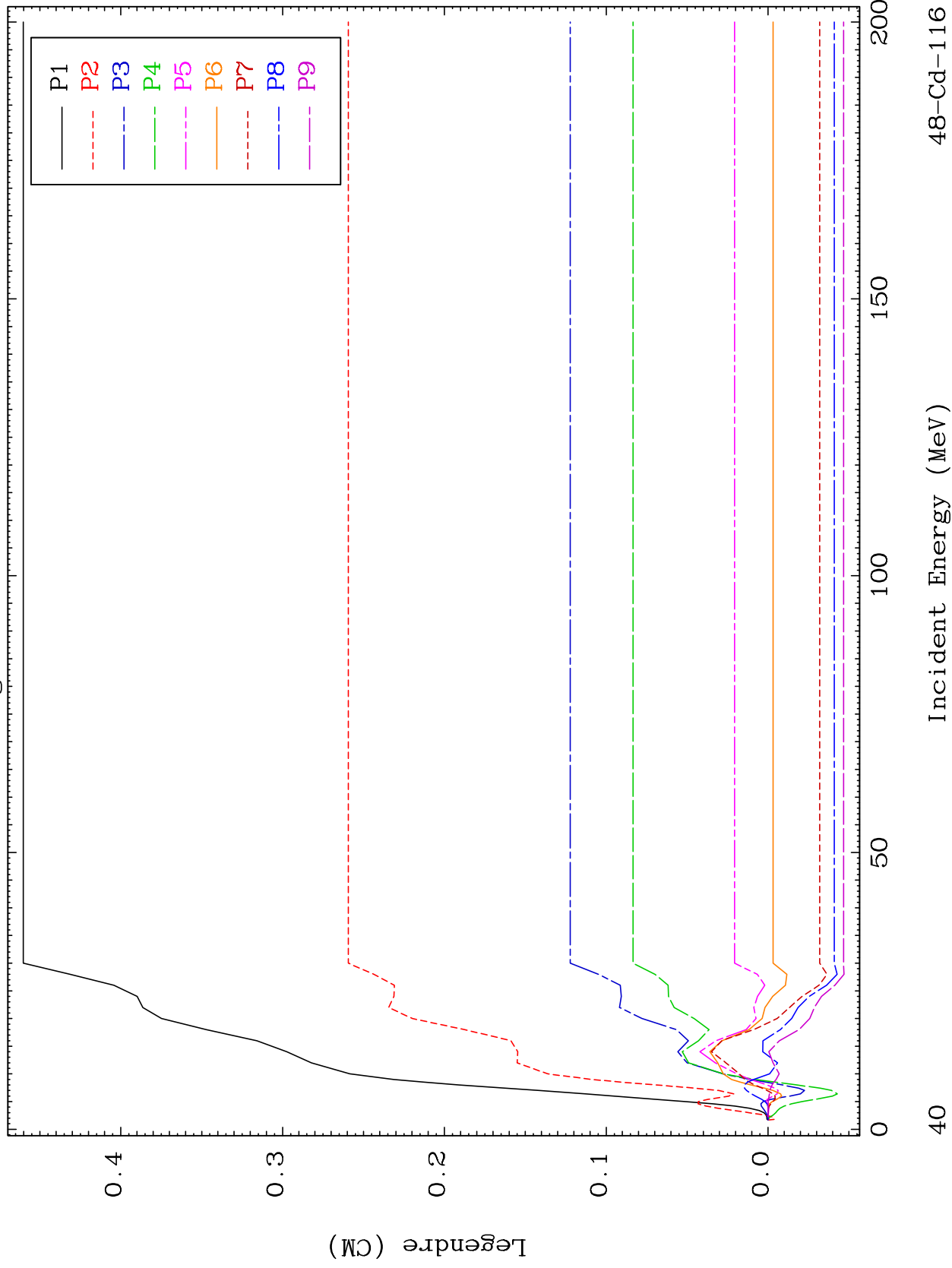
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

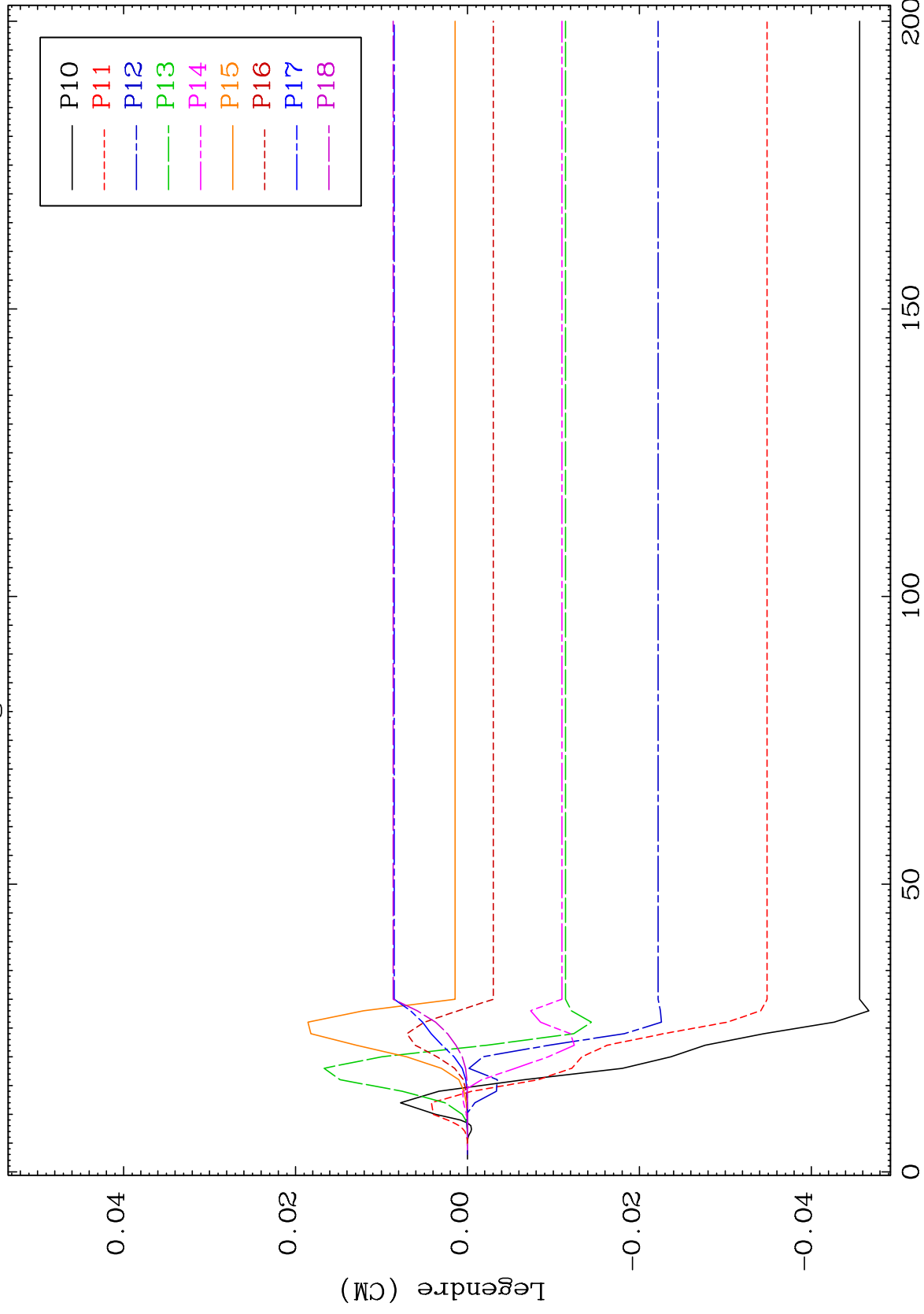
48-Cd-116



MAT 4855

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

48-Cd-116



41

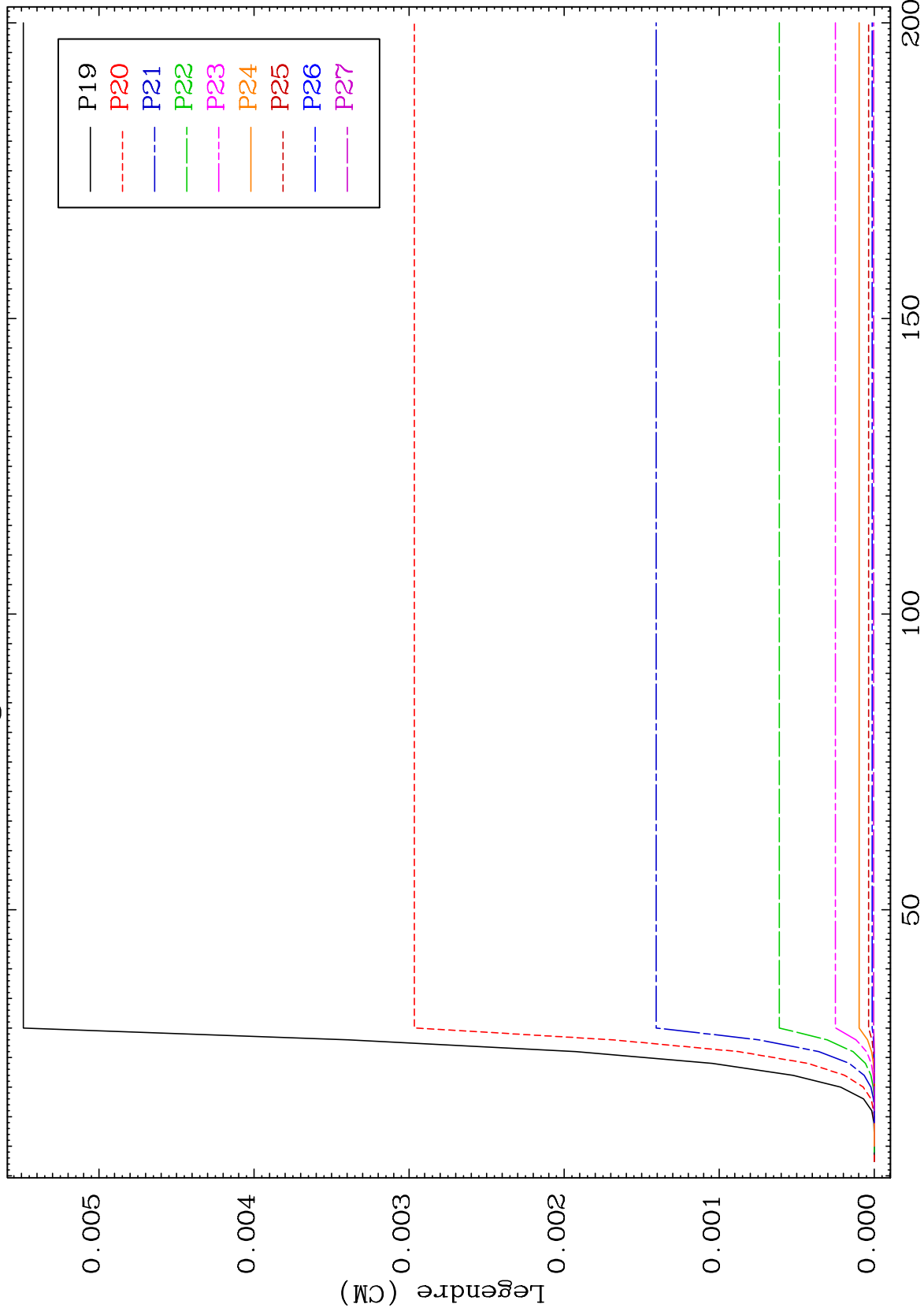
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



42

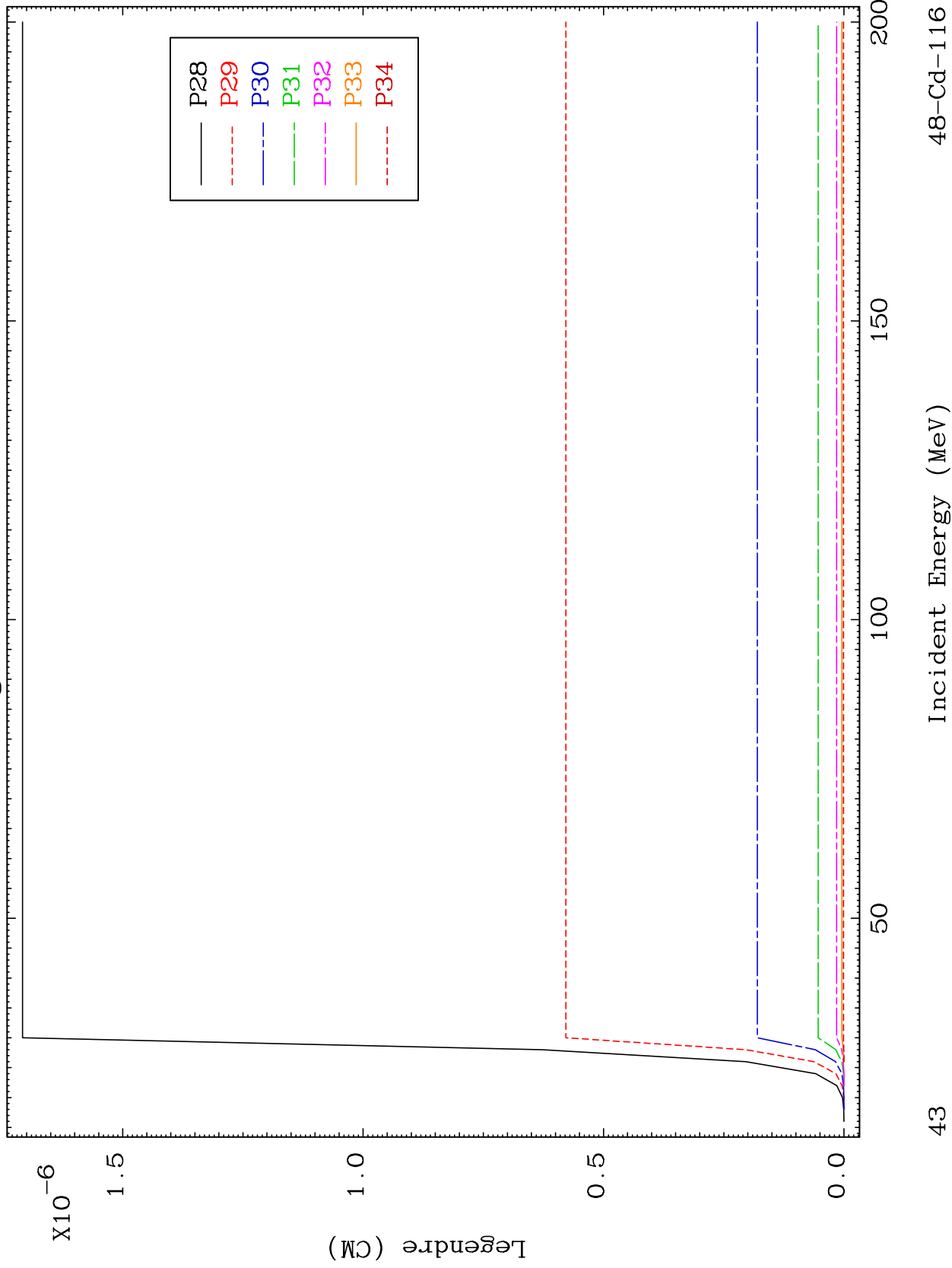
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

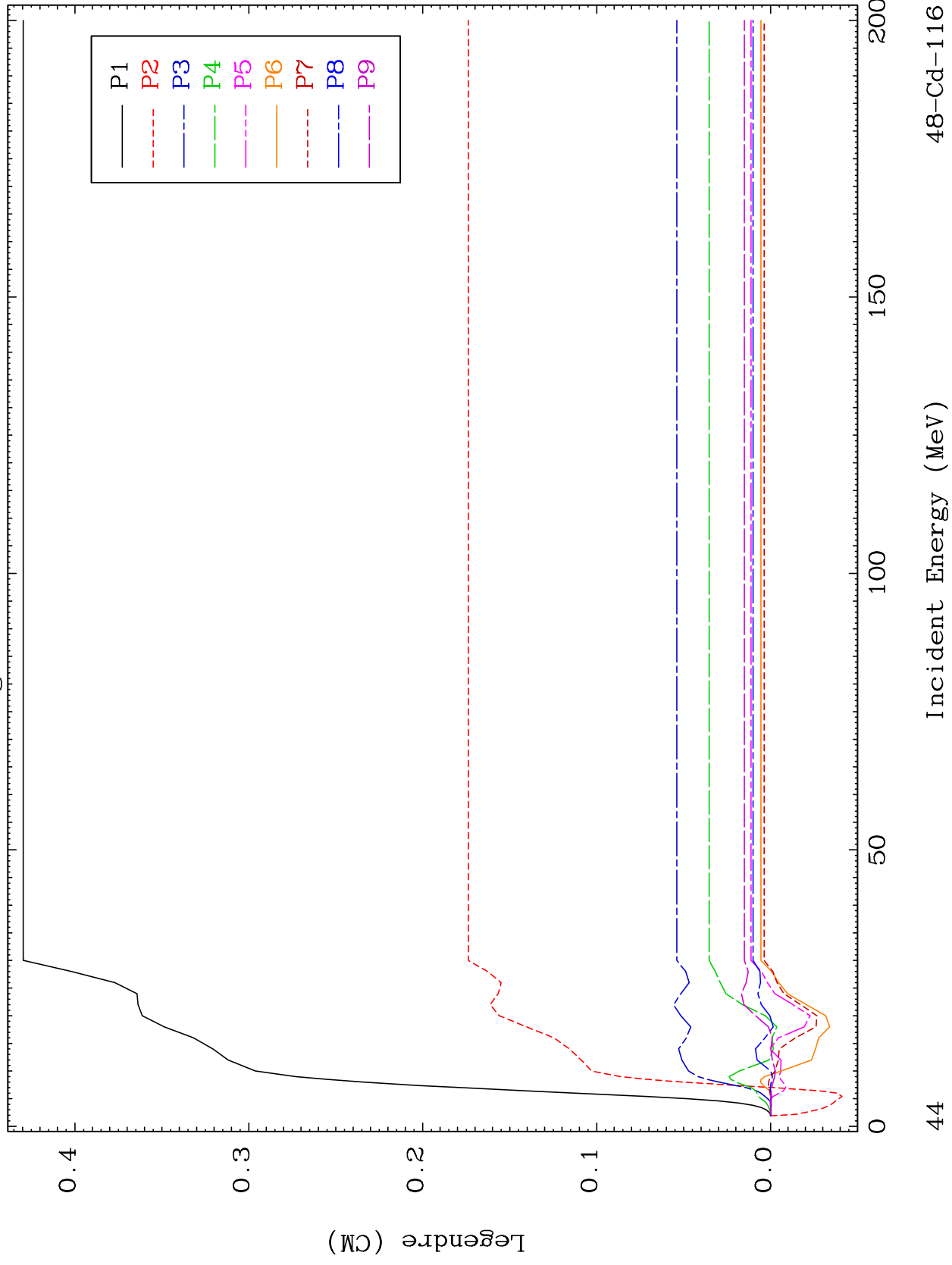
48-Cd-116



MAT 4855

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

48-Cd-116



48-Cd-116

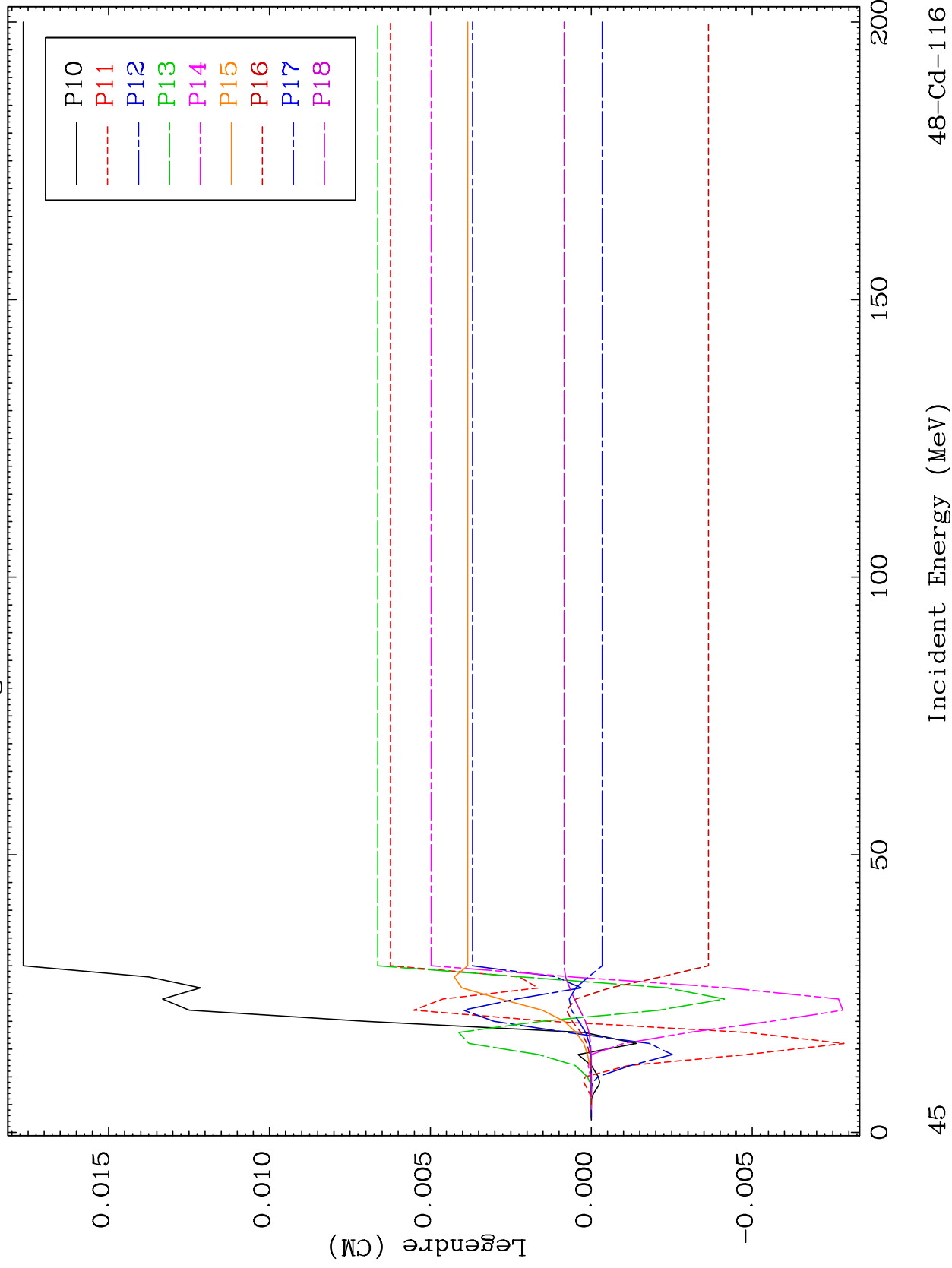
Incident Energy (MeV)

44

MAT 4855

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

48-Cd-116

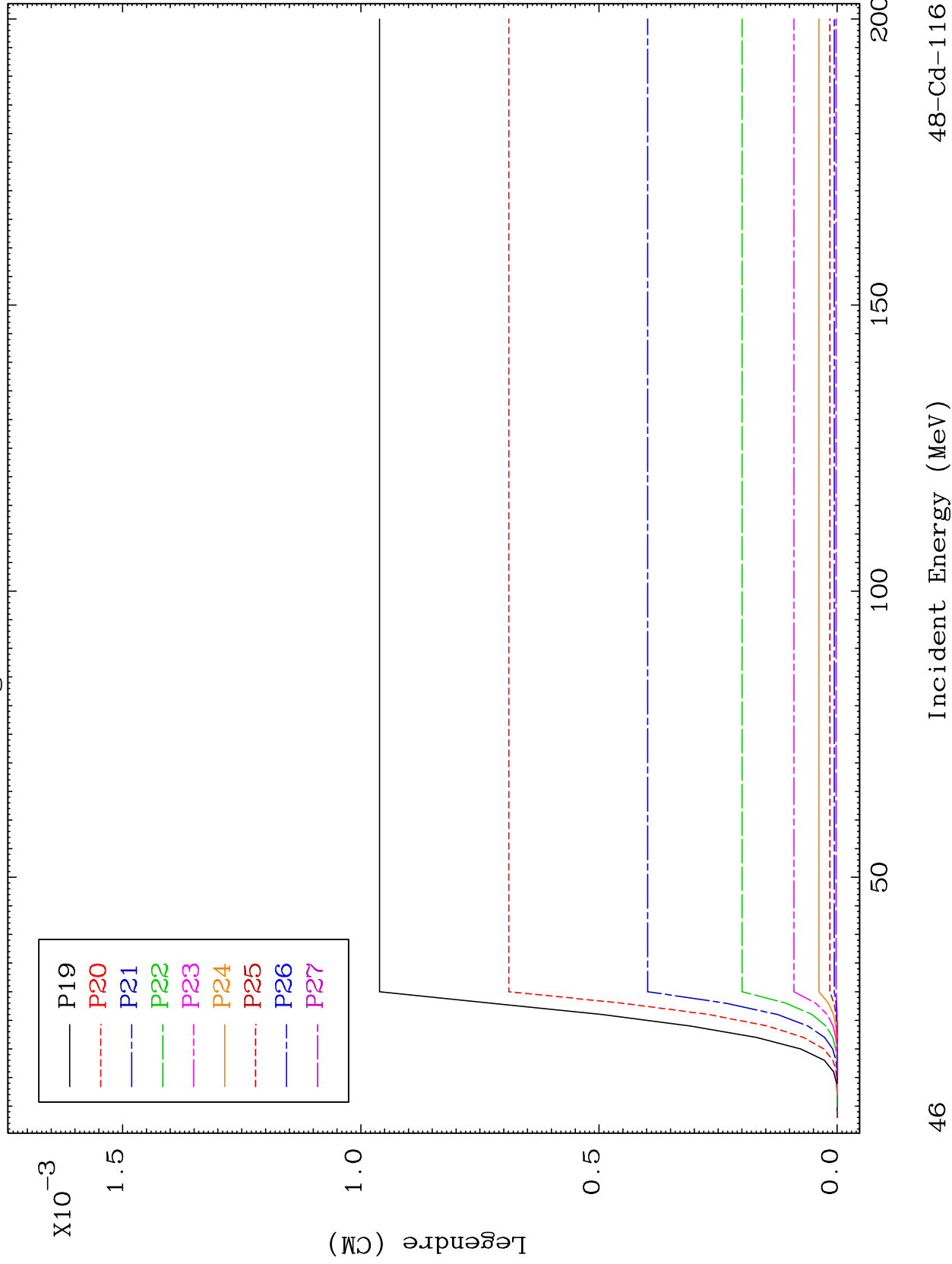


48-Cd-116

MAT 4855

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

48-Cd-116



46

Incident Energy (MeV)

48-Cd-116

200

150

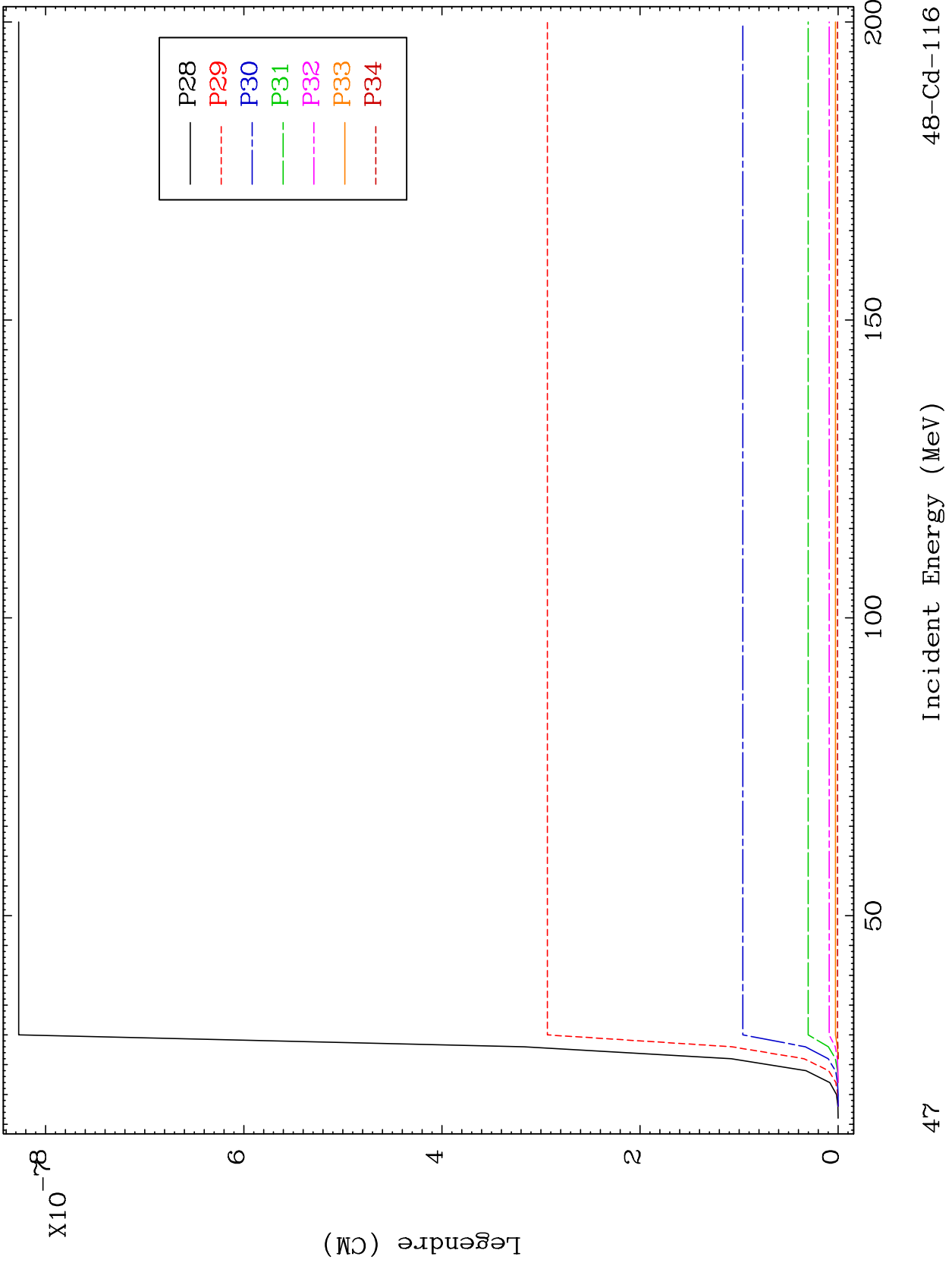
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MAT 4855

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

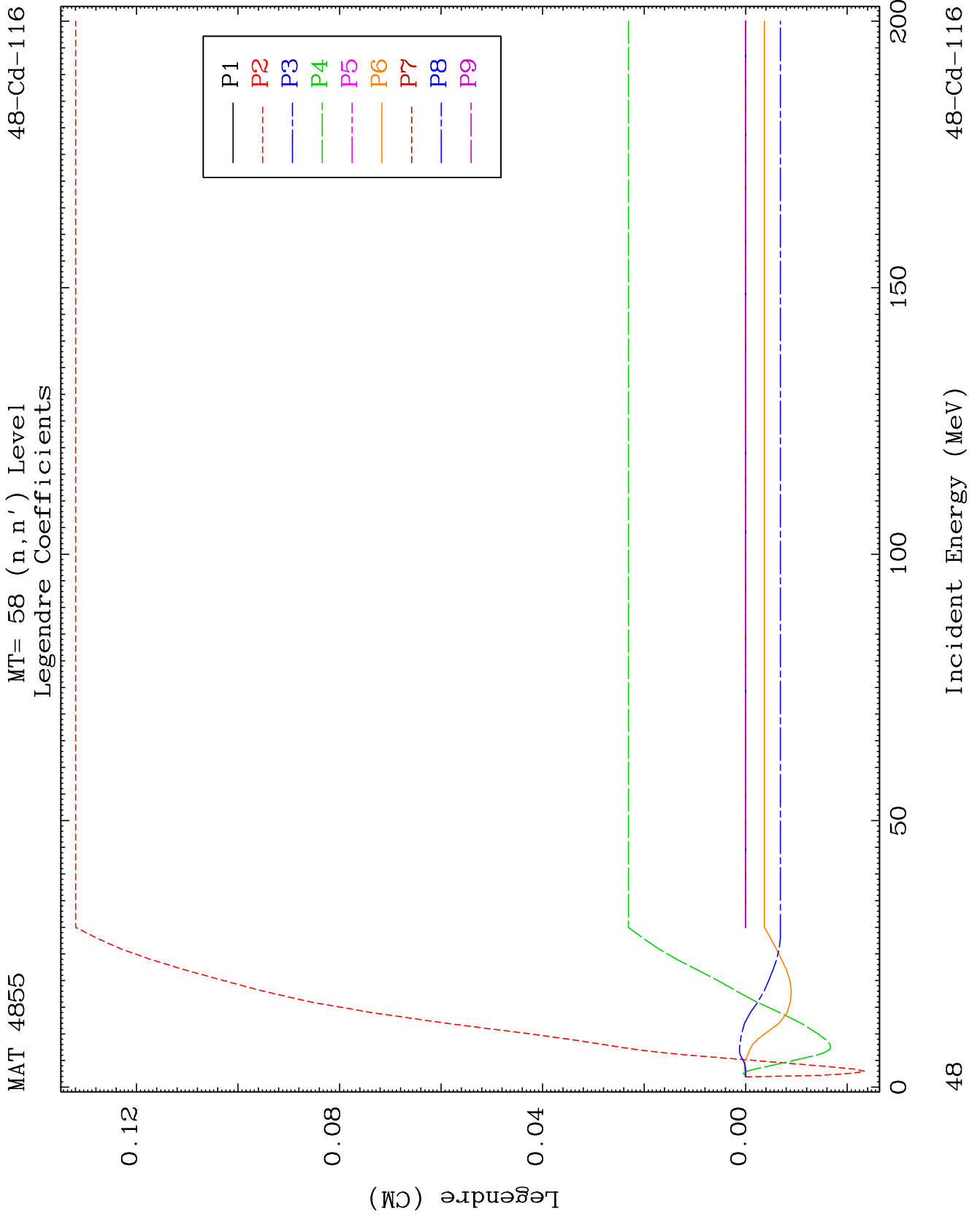
48-Cd-116



47

Incident Energy (MeV)

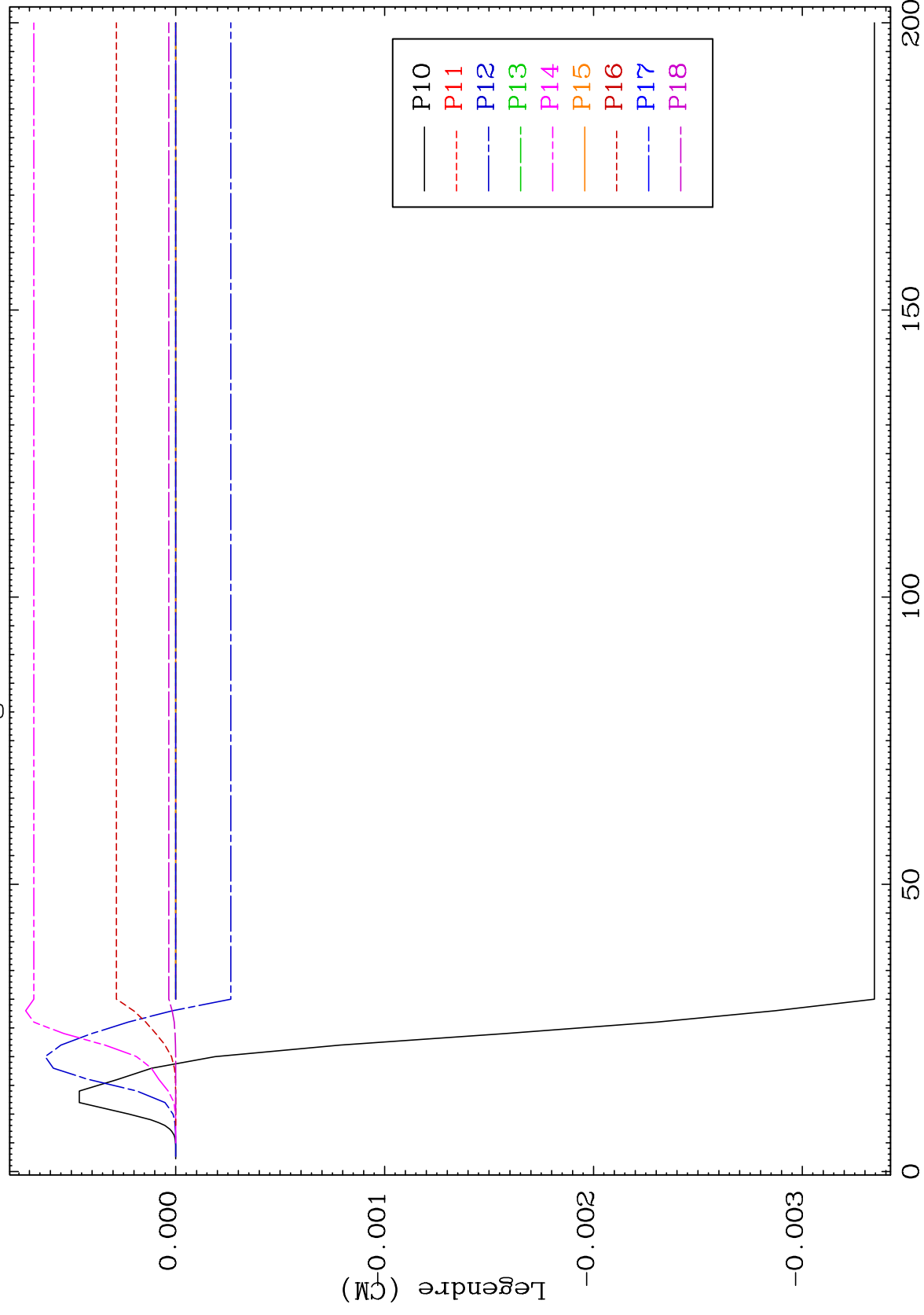
48-Cd-116



MAT 4855

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

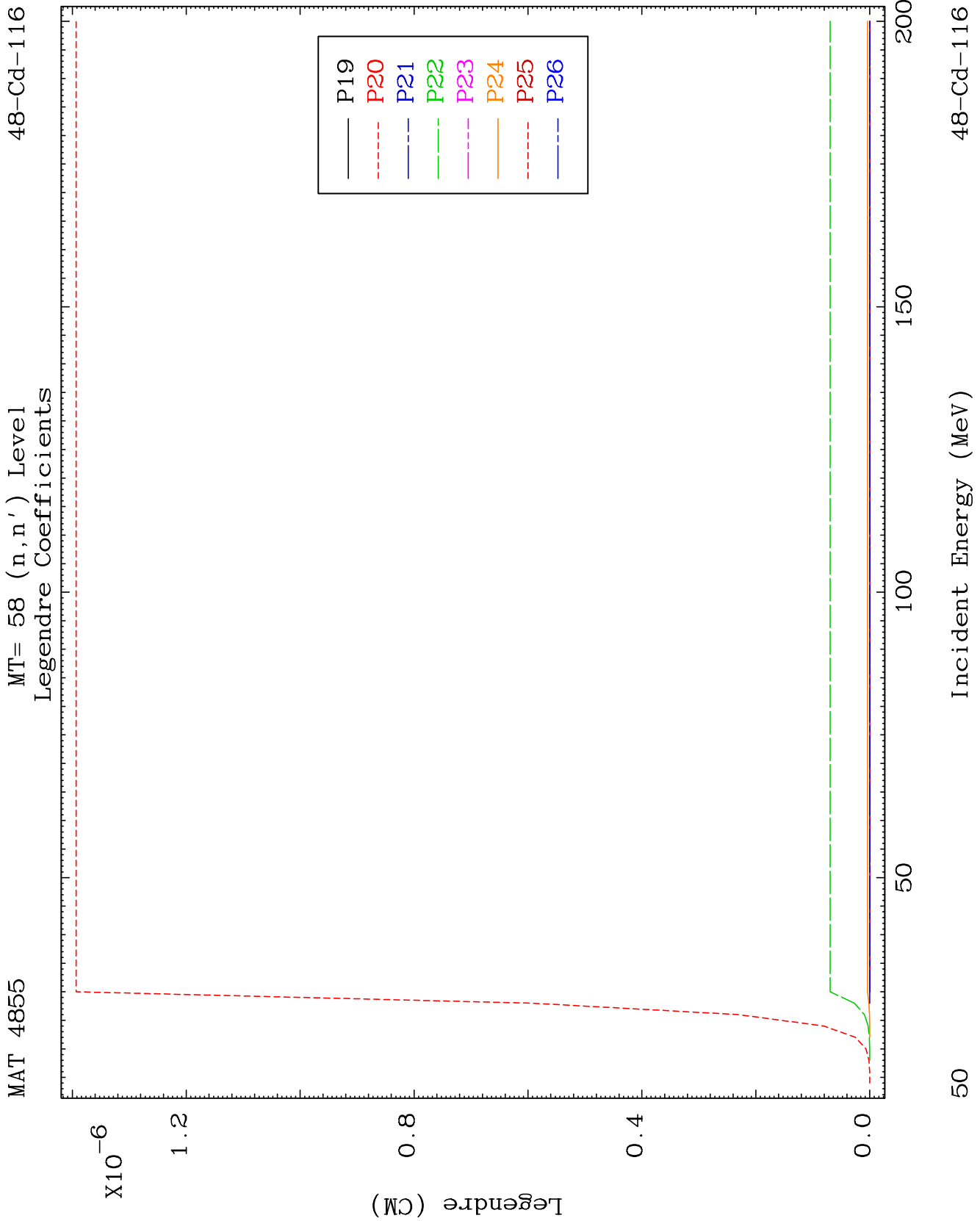
48-Cd-116



49

Incident Energy (MeV)

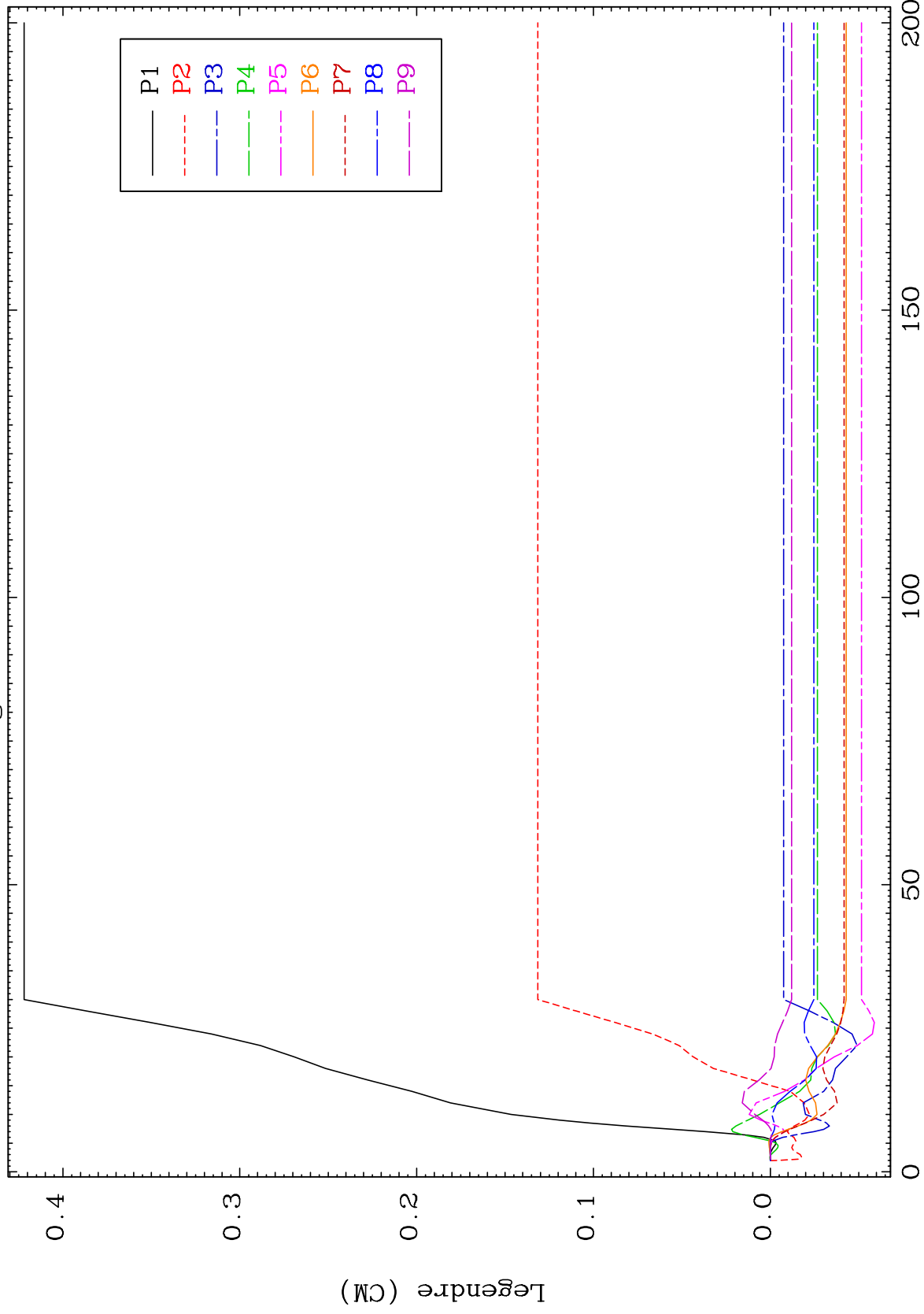
48-Cd-116



MAT 4855

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

48-Cd-116



51

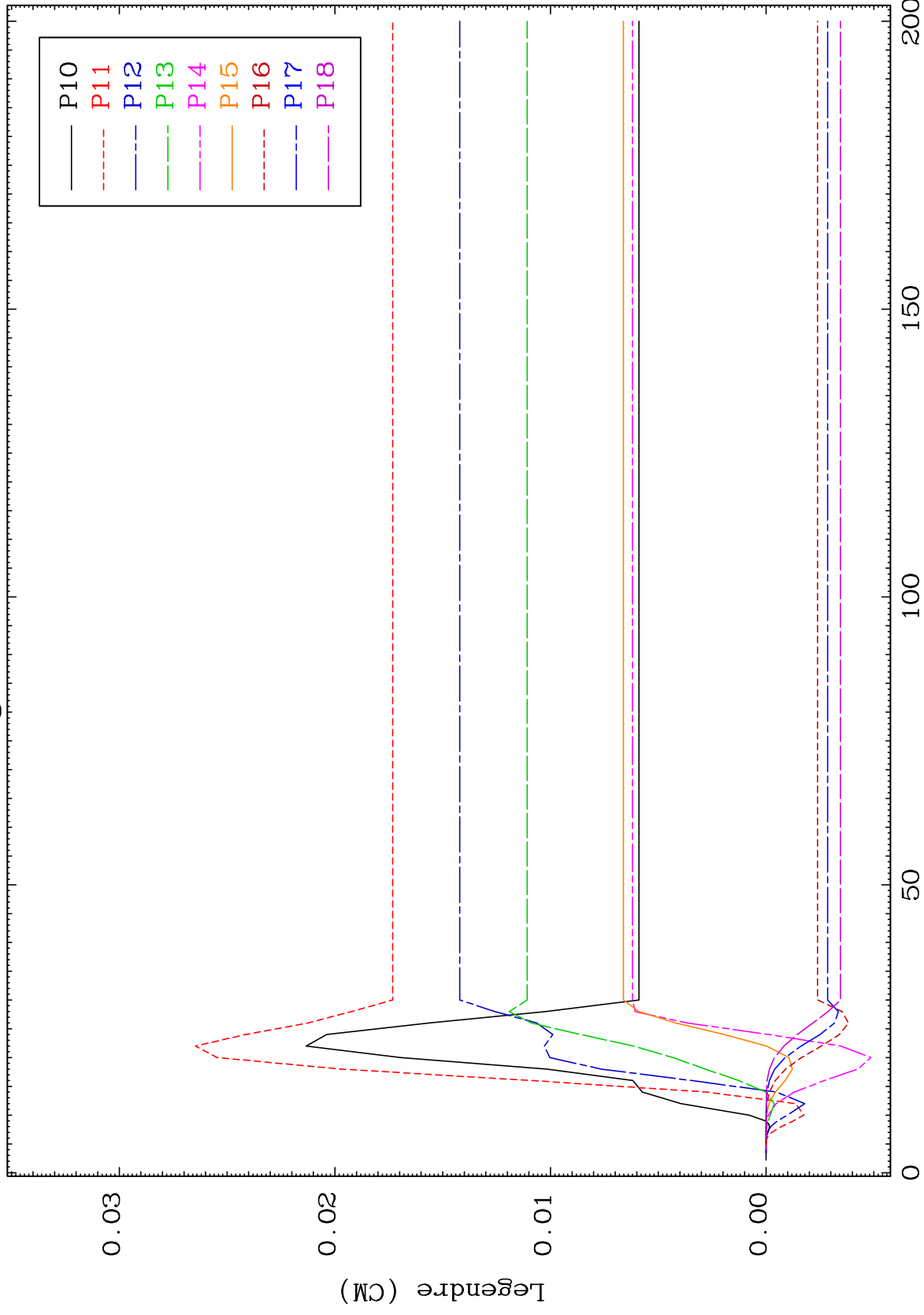
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

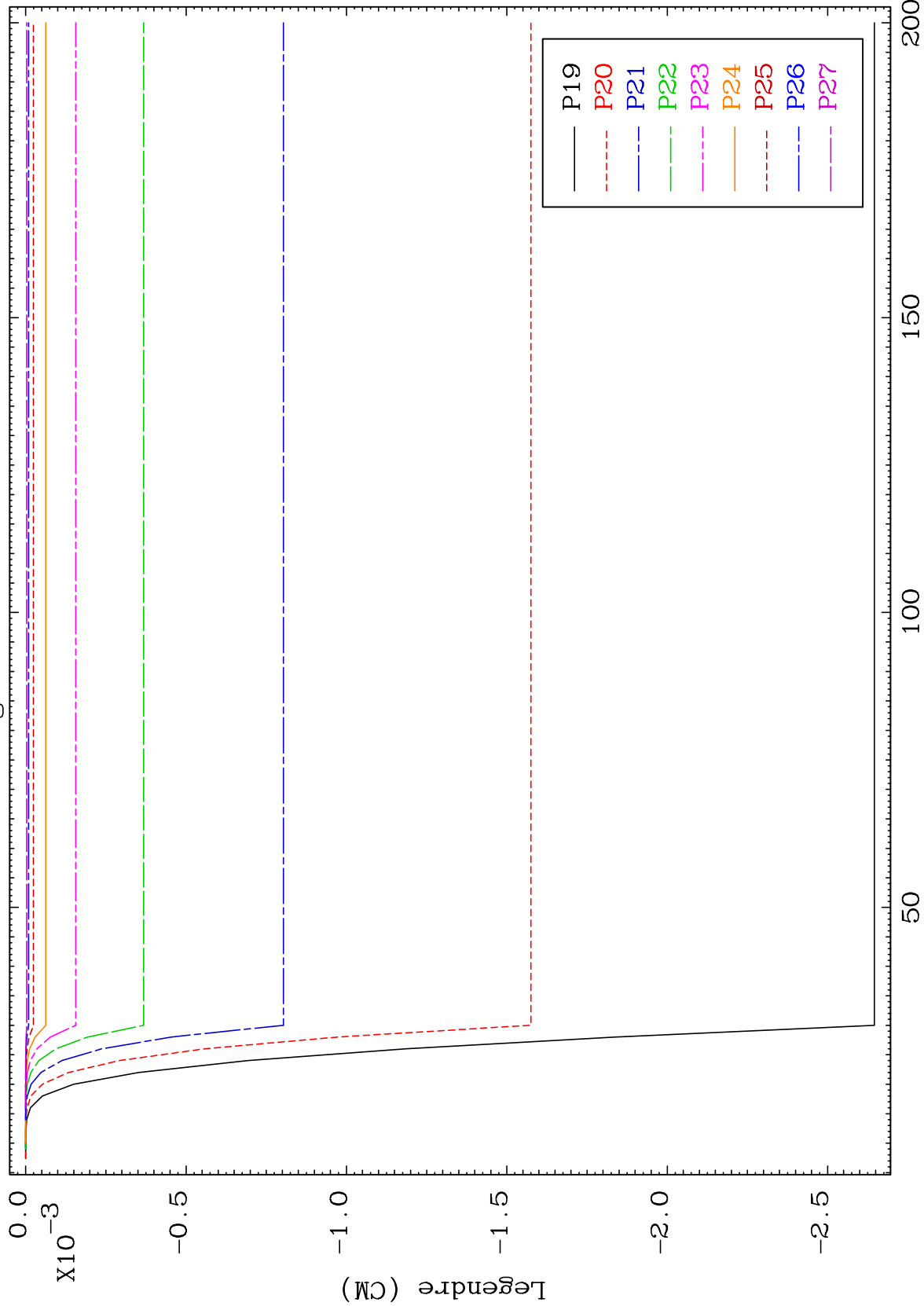
48-Cd-116

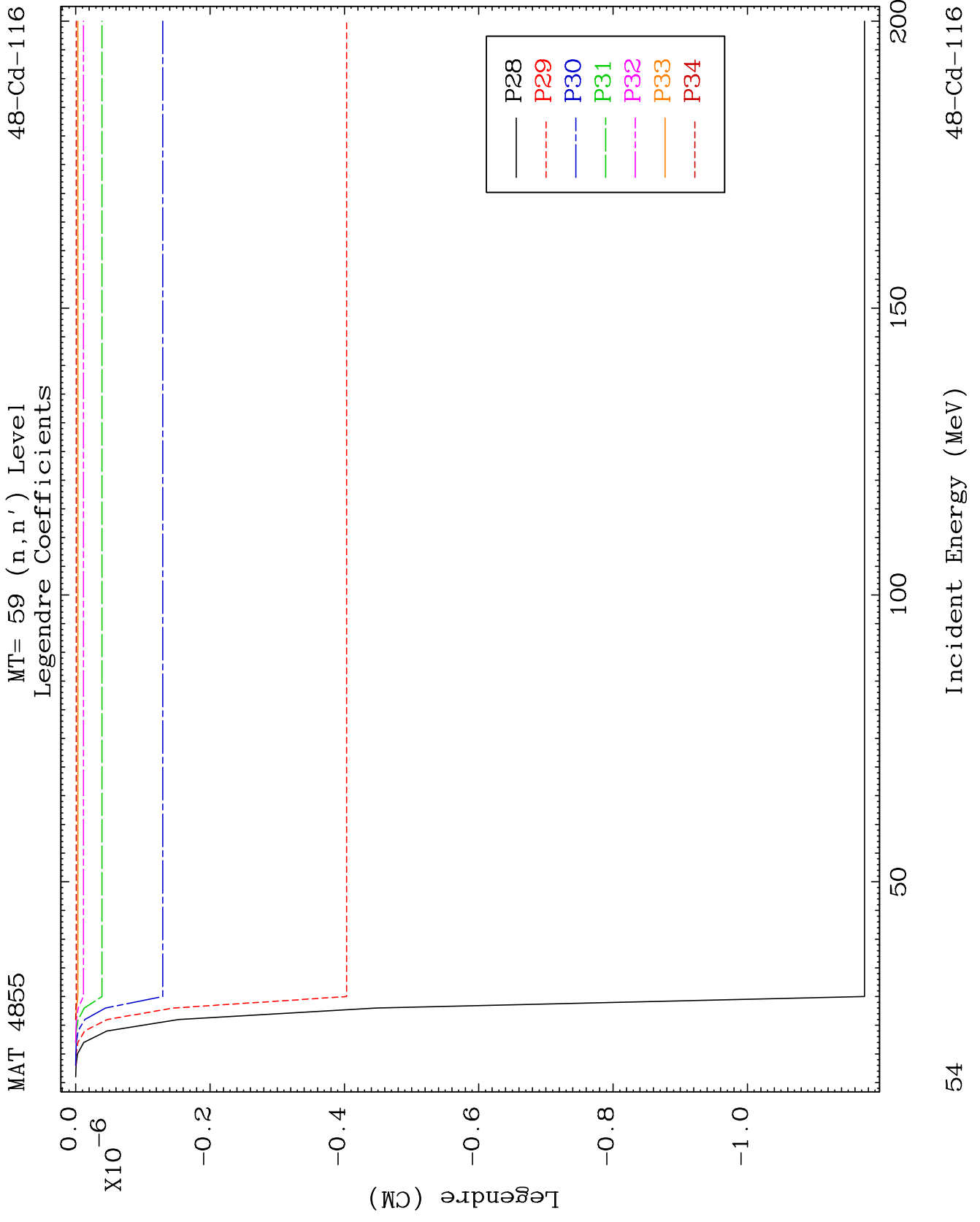


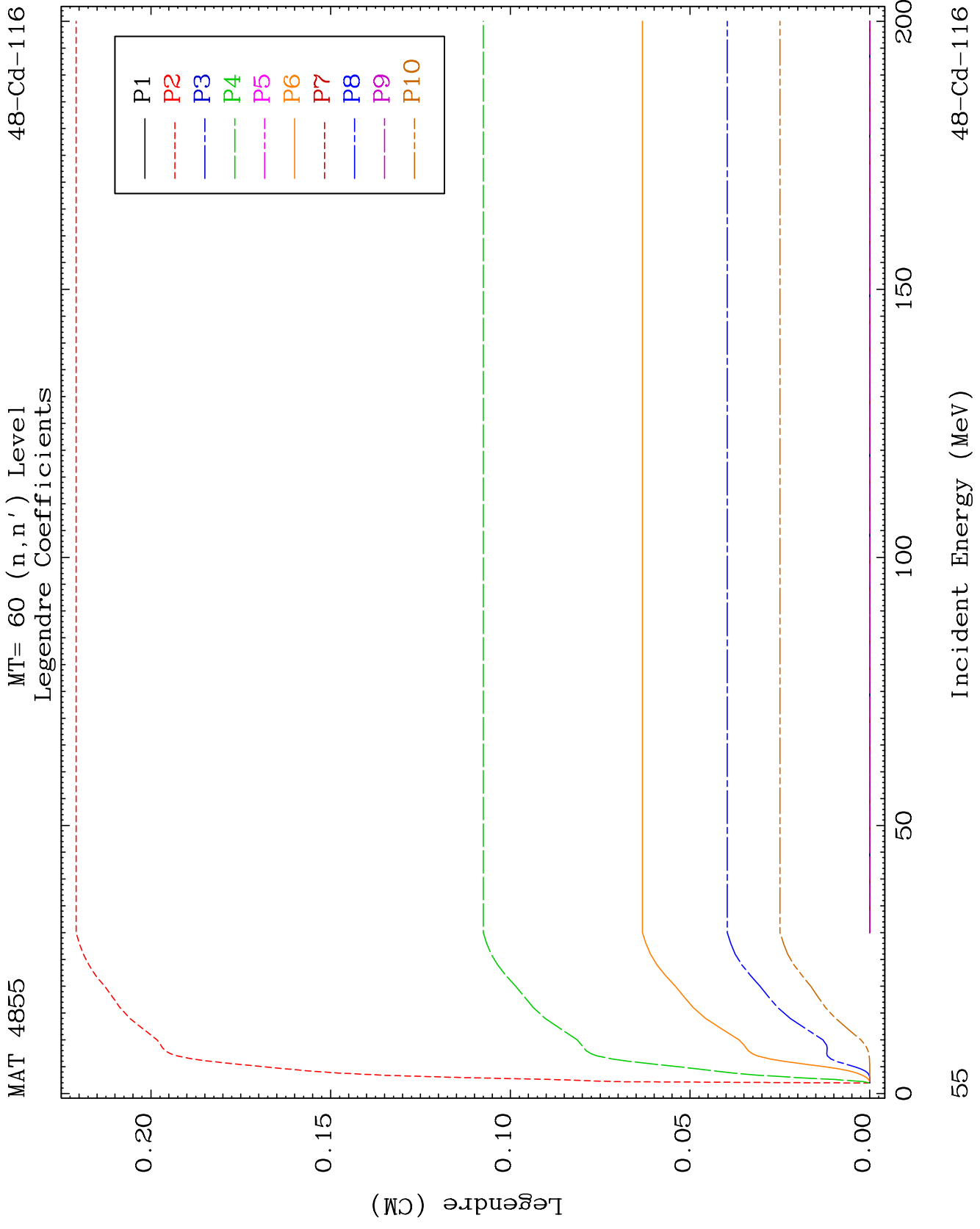
52

Incident Energy (MeV)

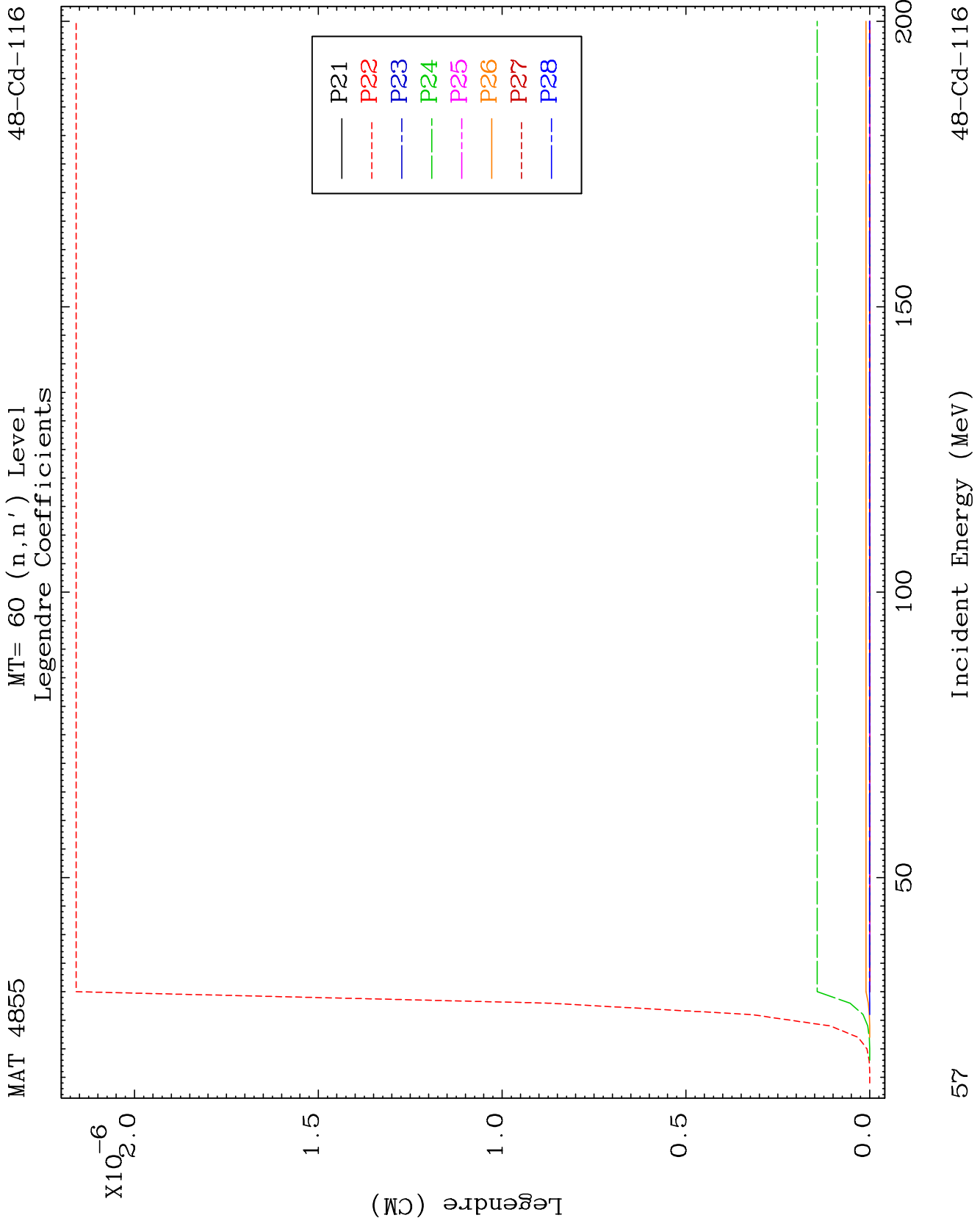
48-Cd-116







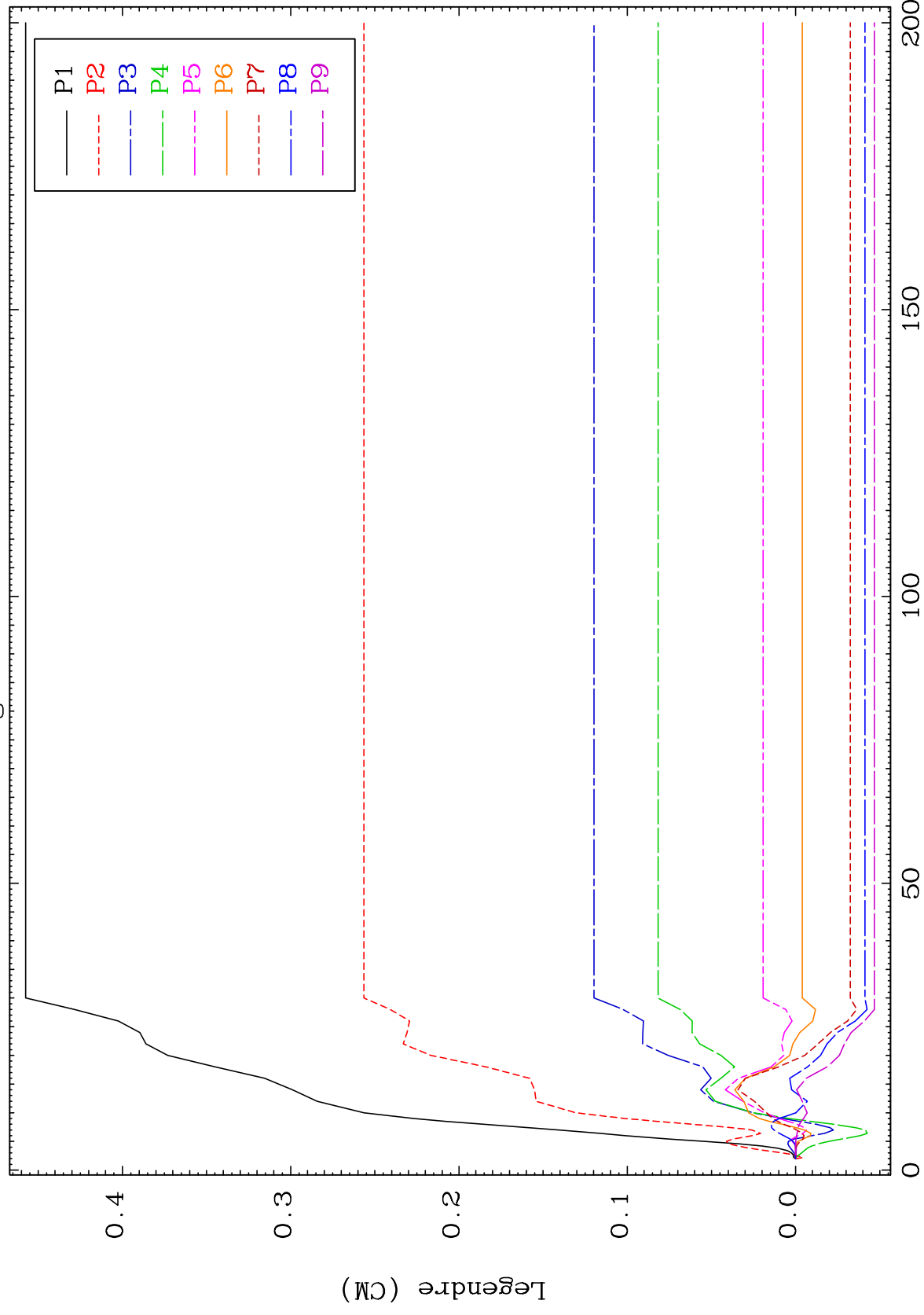




MAT 4855

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

48-Cd-116



48-Cd-116

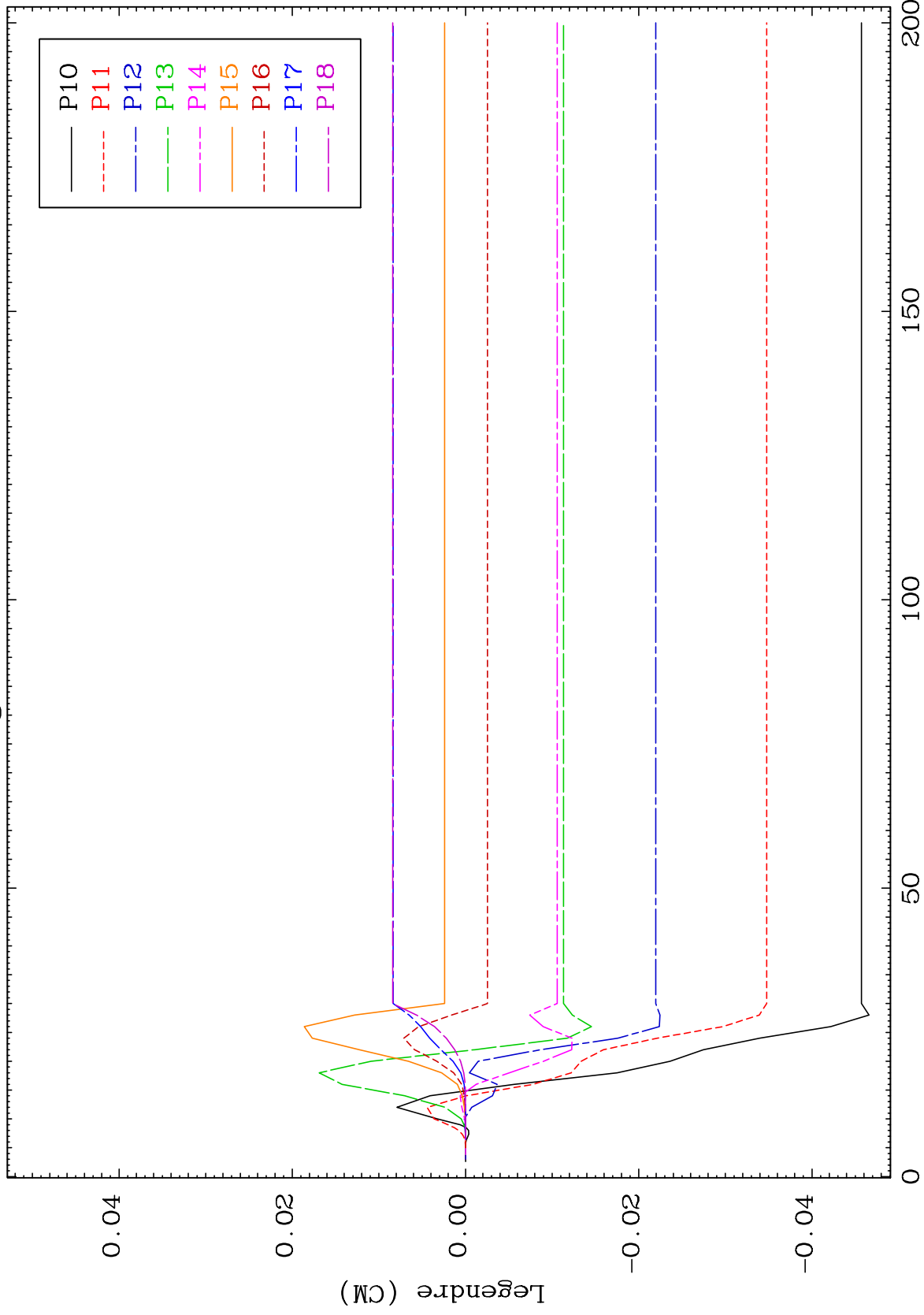
Incident Energy (MeV)

58

MAT 4855

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

48-Cd-116



59

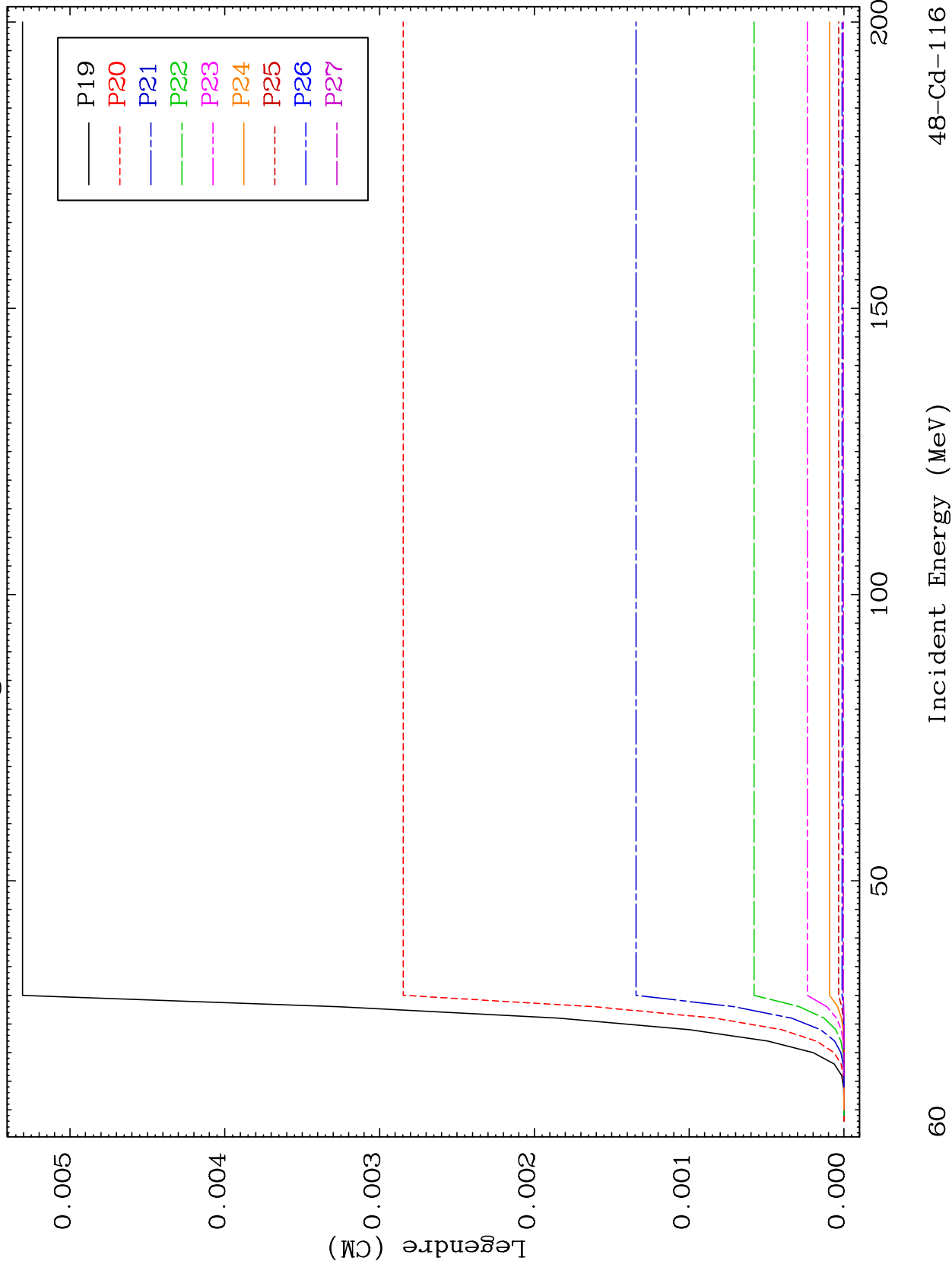
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



48-Cd-116

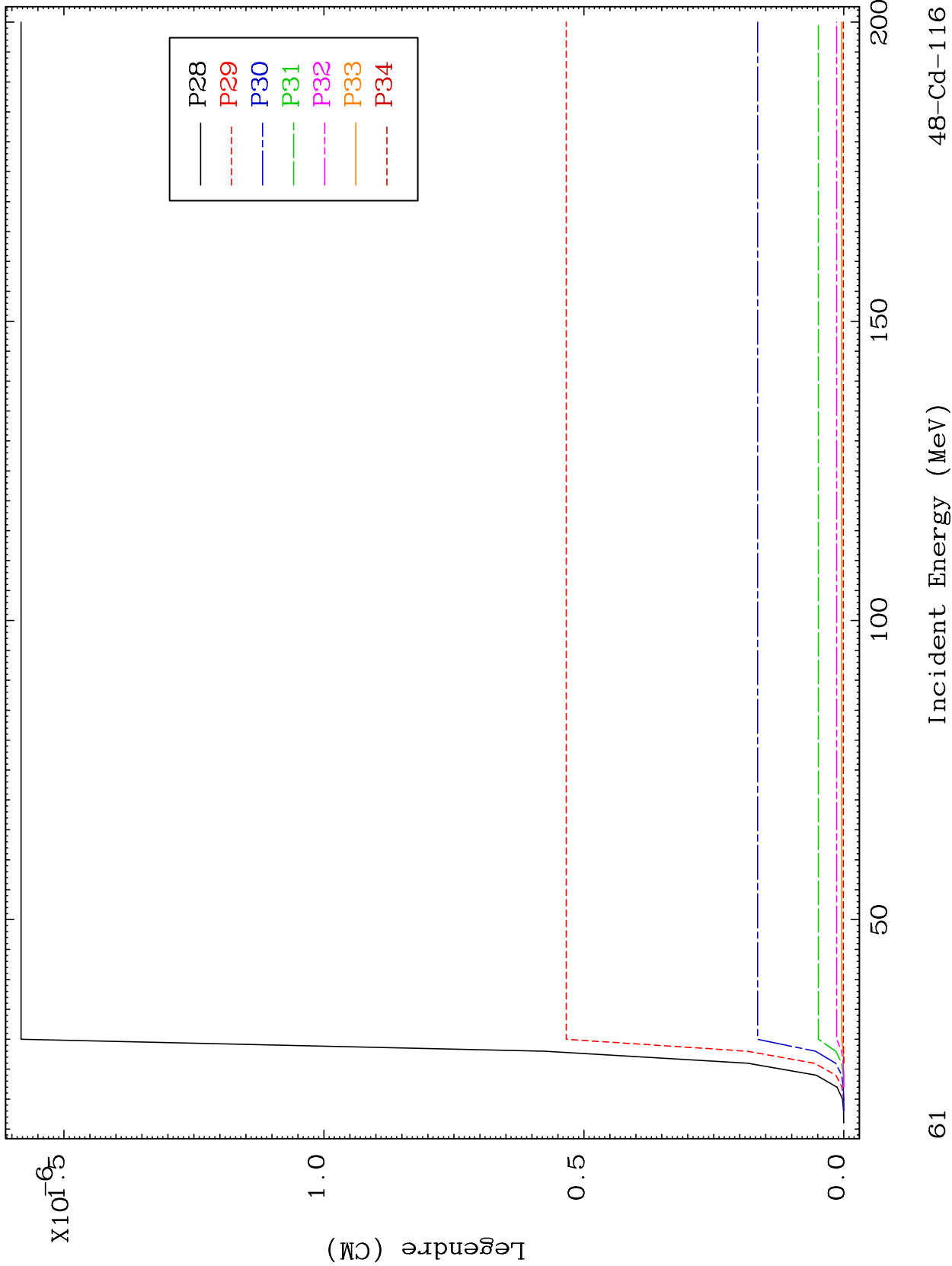
Incident Energy (MeV)

60

MAT 4855

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

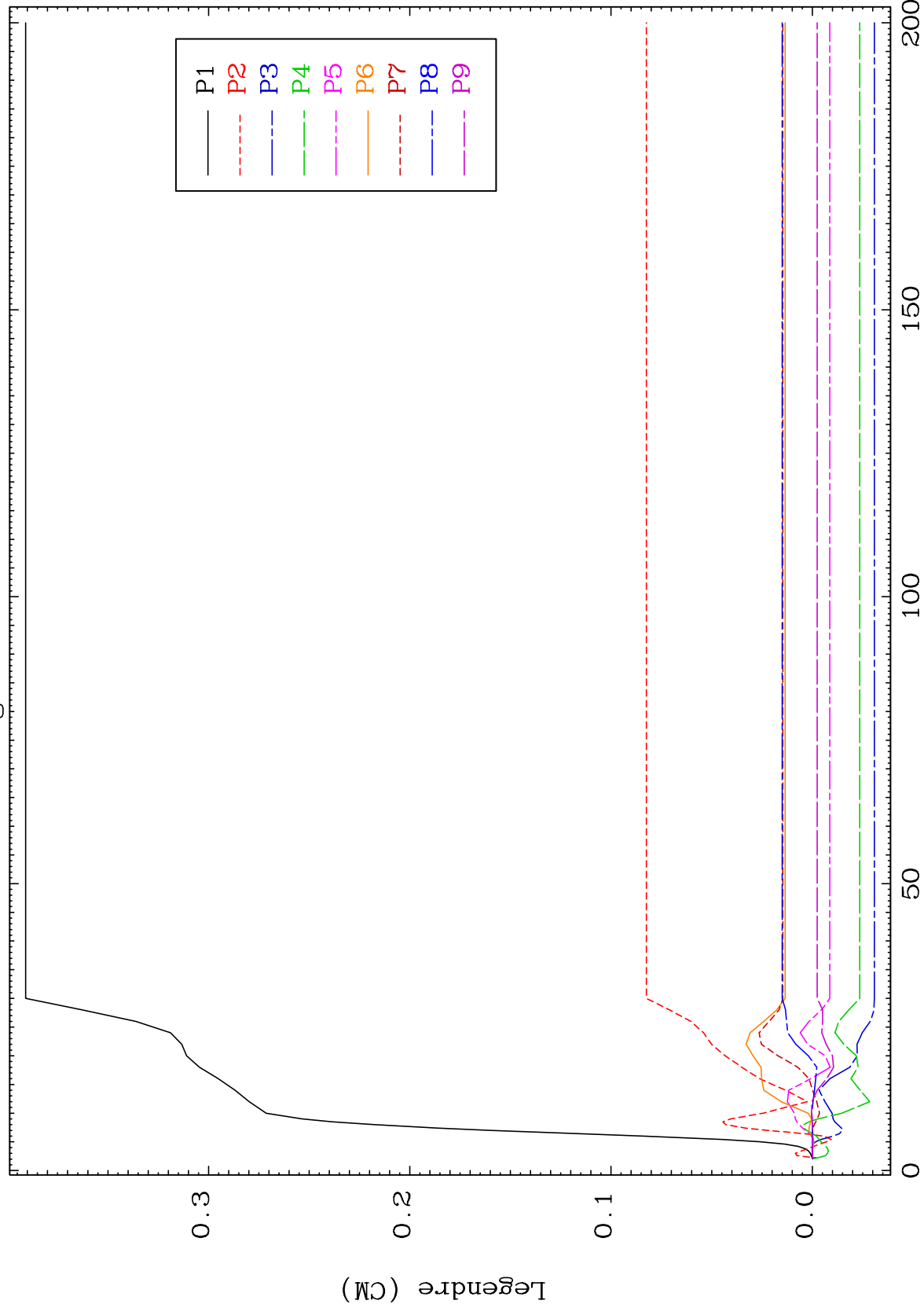
48-Cd-116



MAT 4855

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

48-Cd-116



62

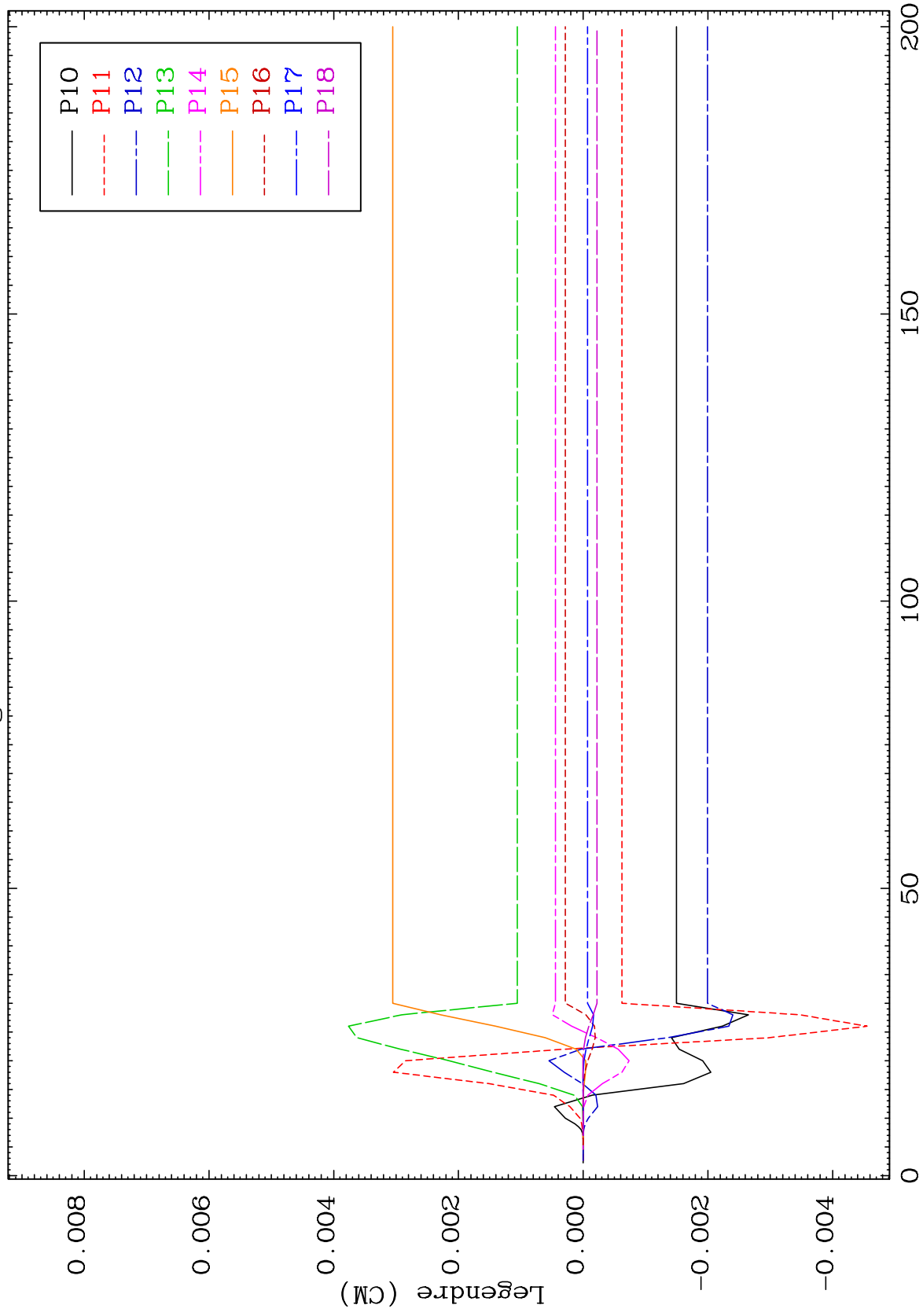
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

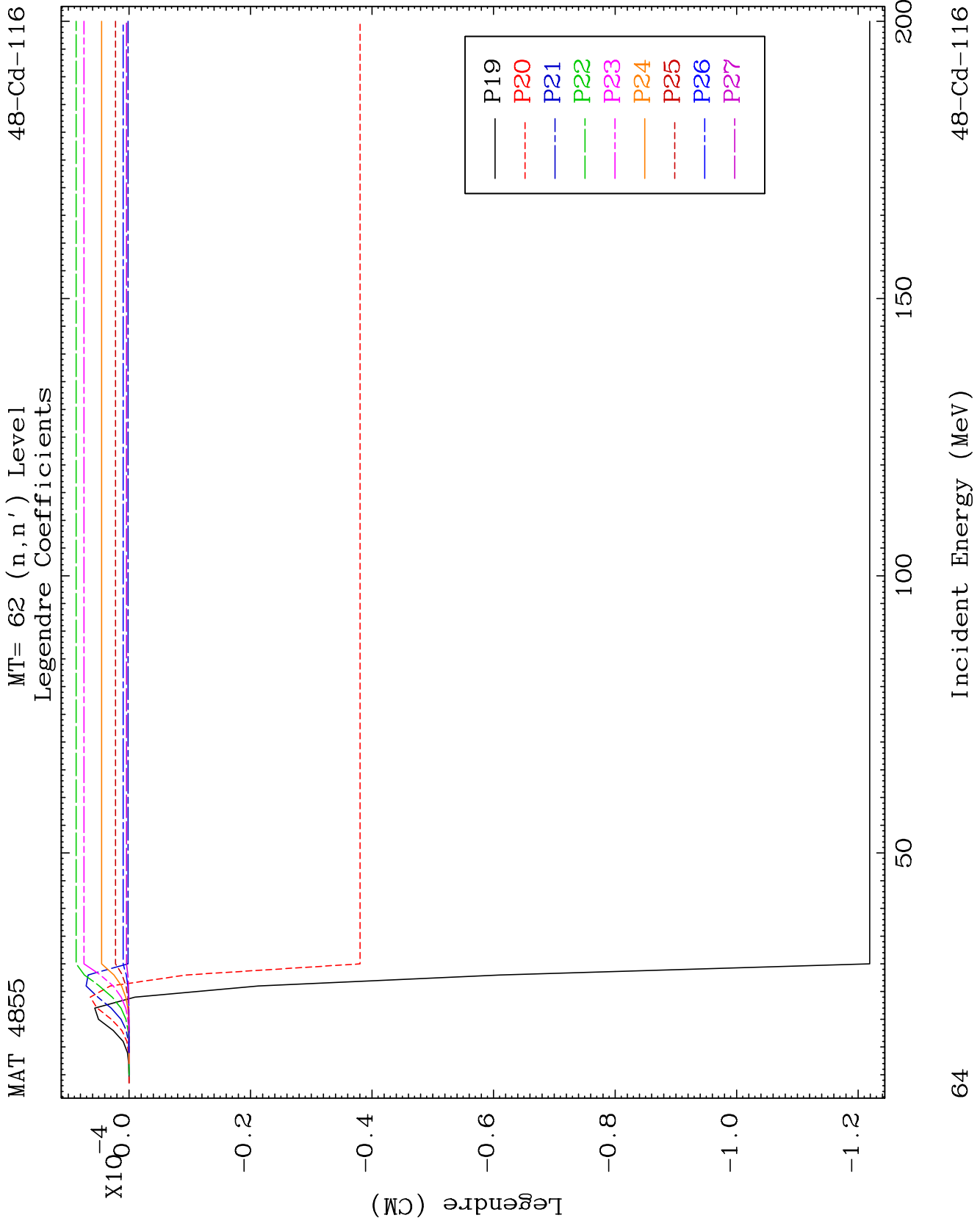
48-Cd-116



63

Incident Energy (MeV)

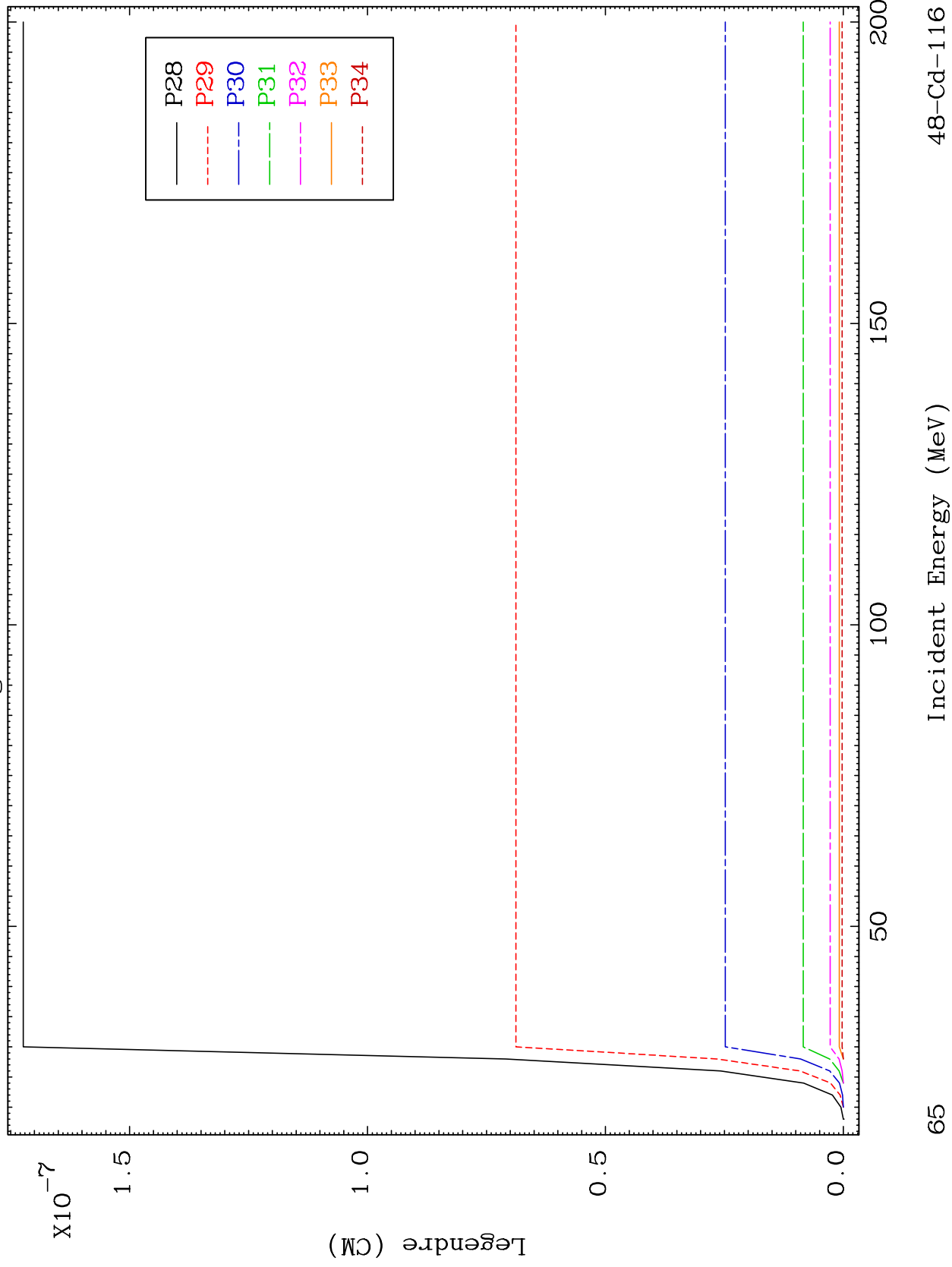
48-Cd-116



MAT 4855

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

48-Cd-116



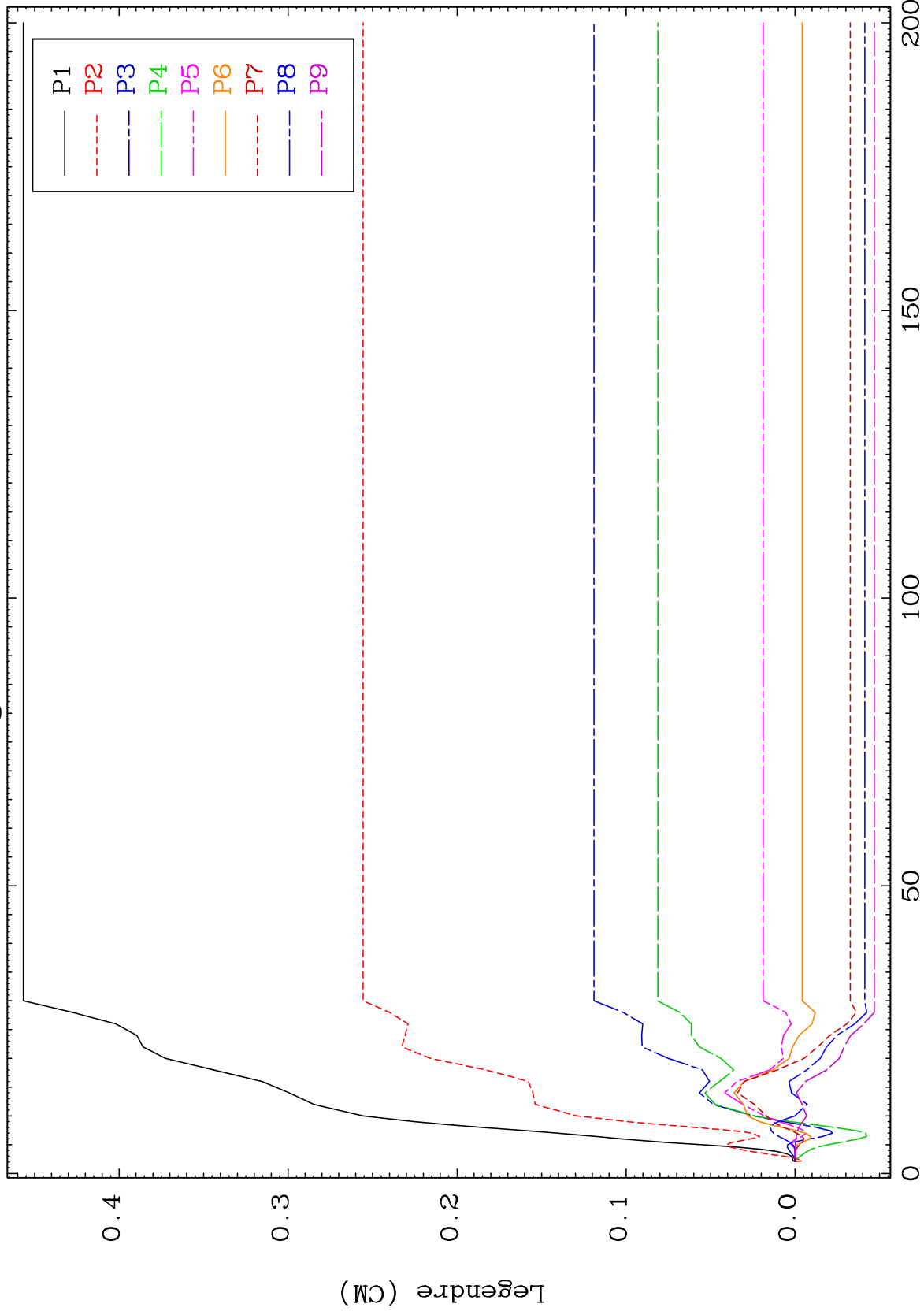
48-Cd-116

65

MAT 4855

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

48-Cd-116



48-Cd-116

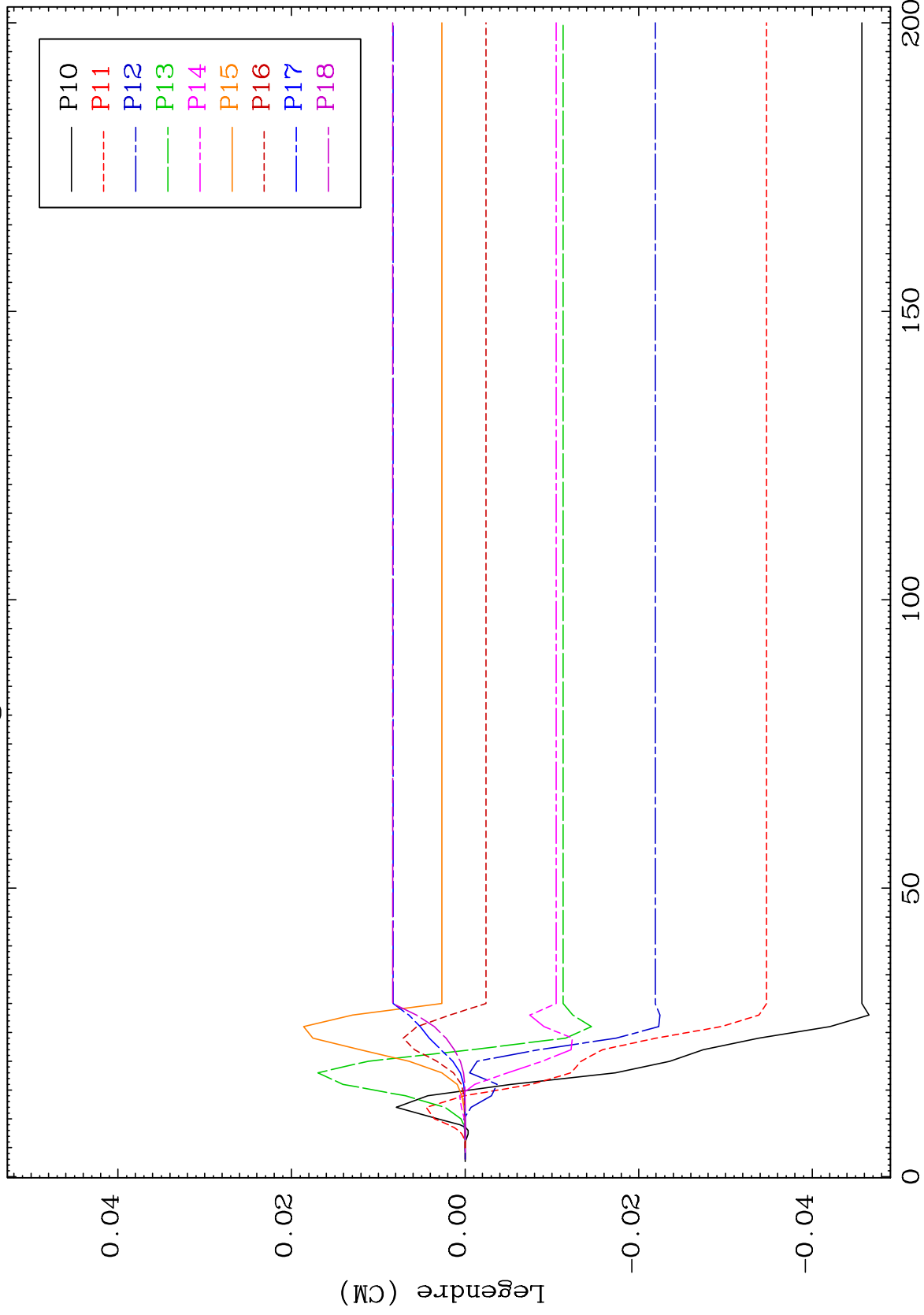
Incident Energy (MeV)

66

MAT 4855

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

48-Cd-116



67

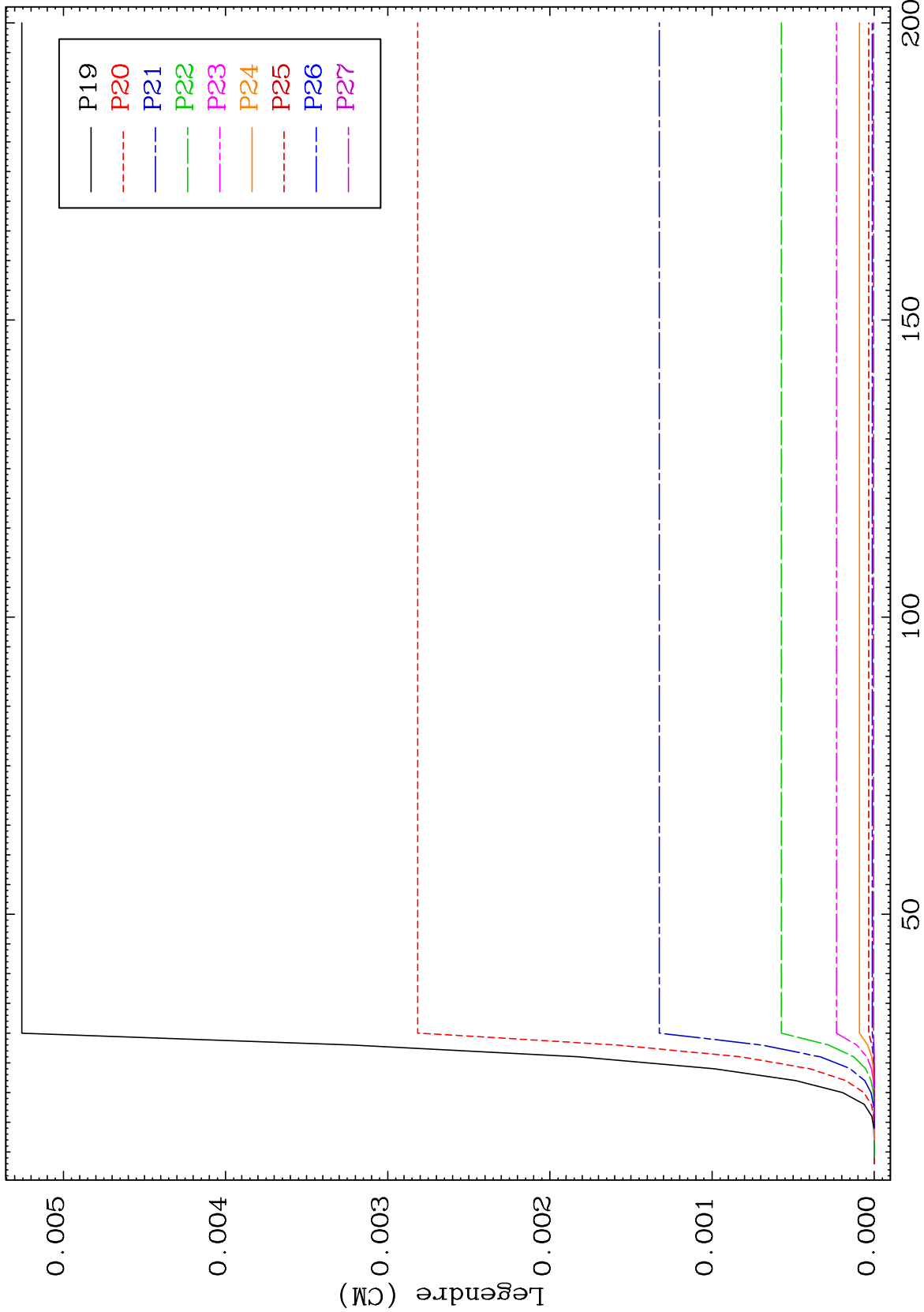
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



68

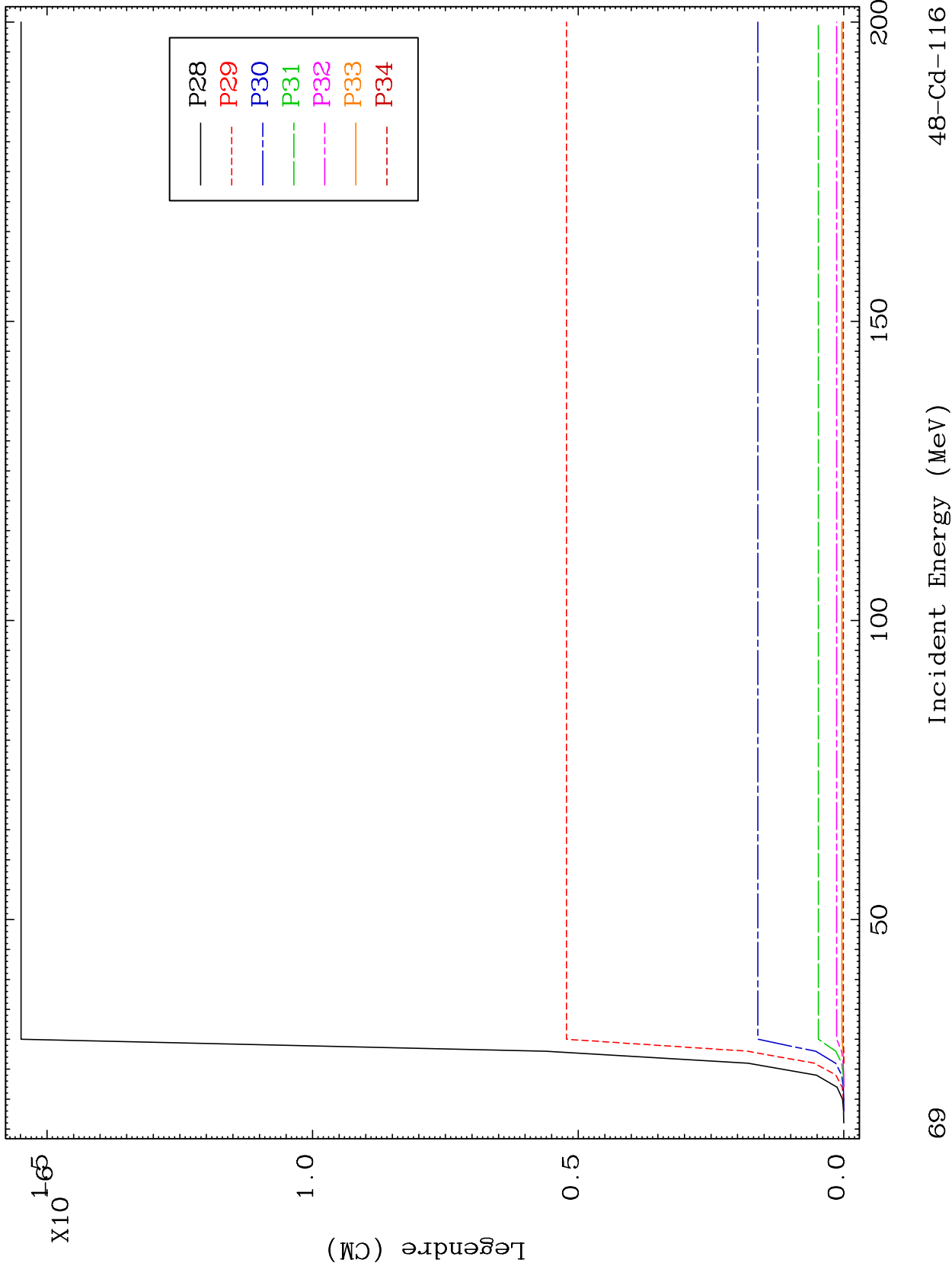
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

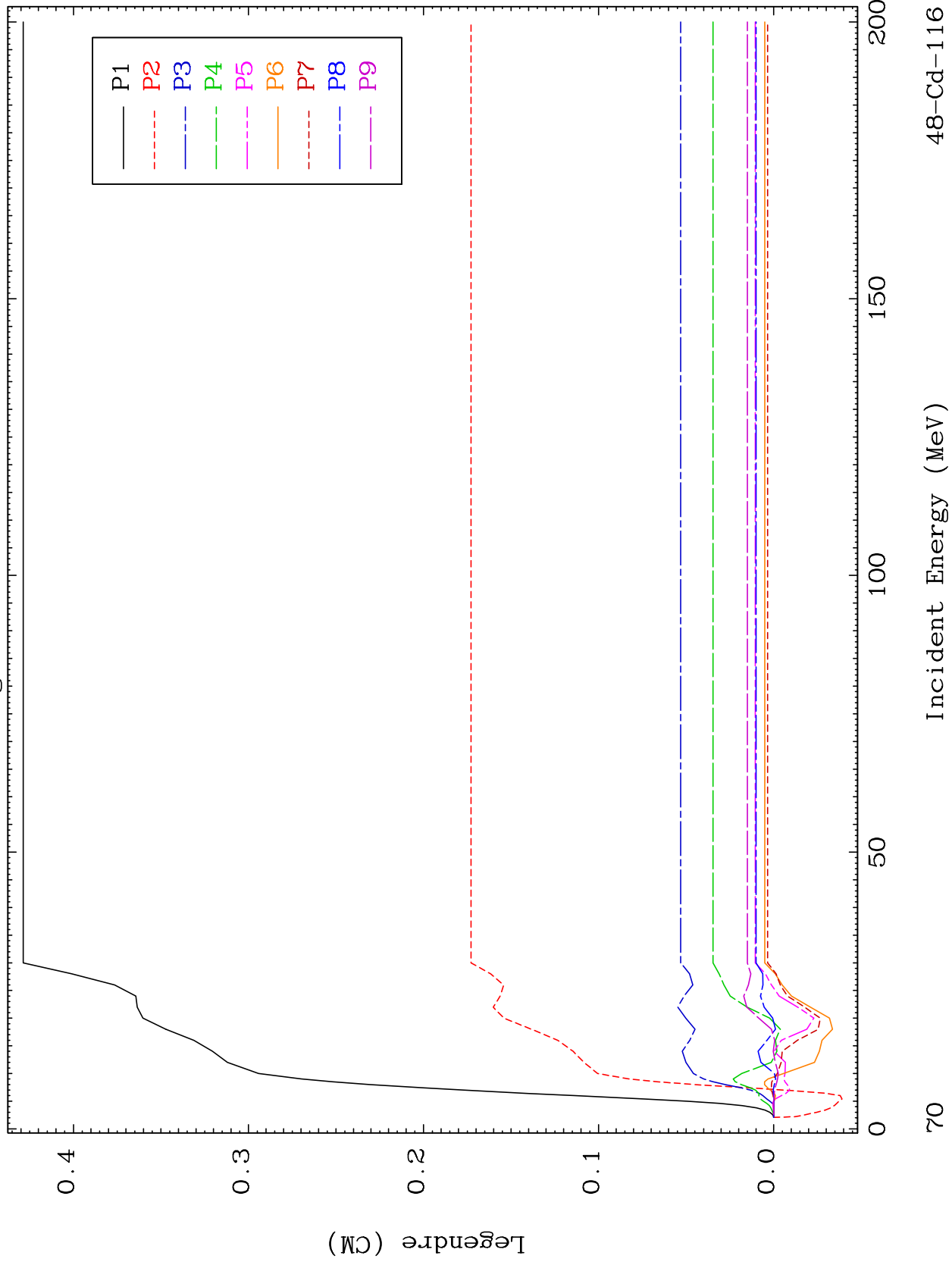


69

MAT 4855

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

48-Cd-116



48-Cd-116

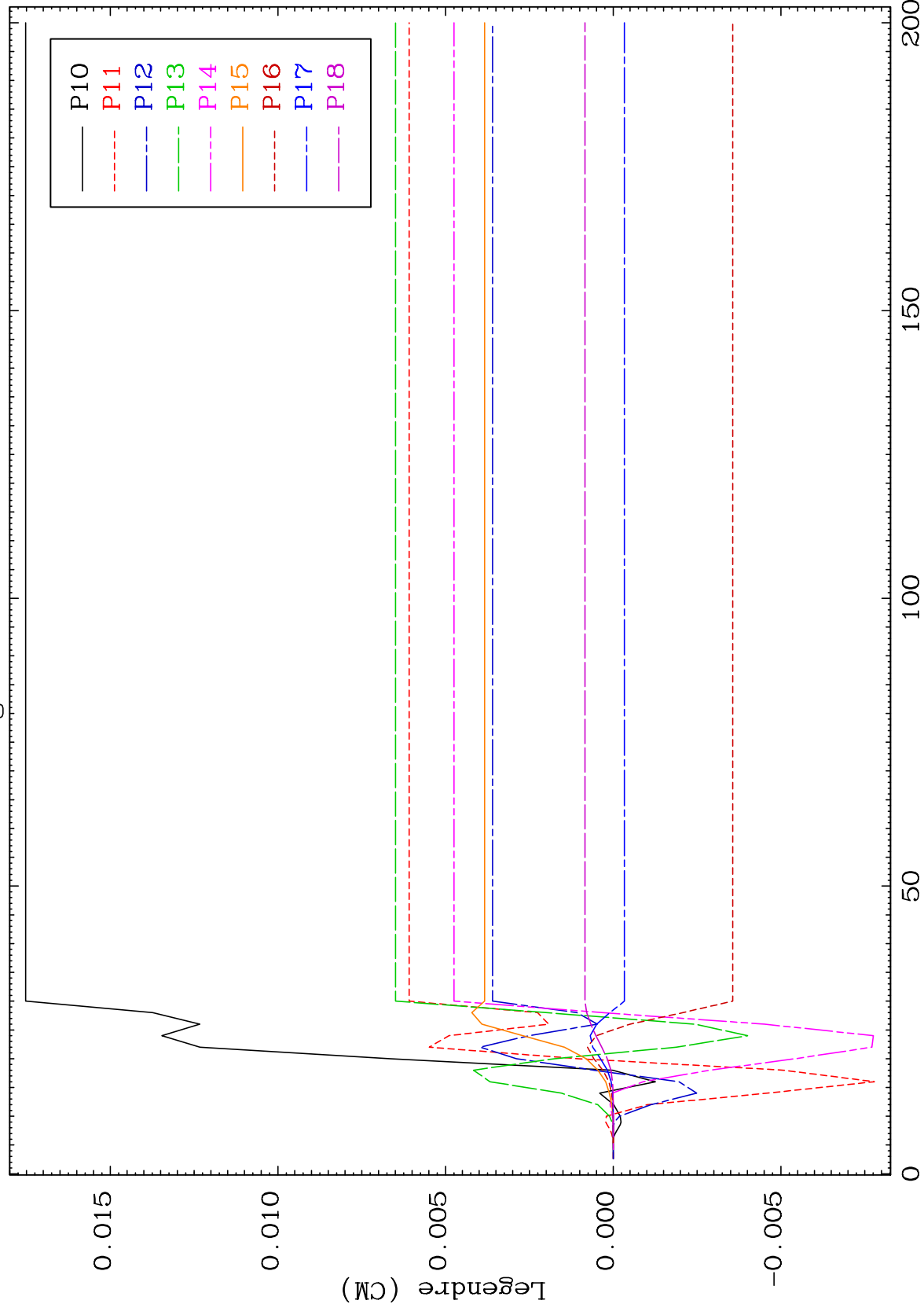
Incident Energy (MeV)

70

MAT 4855

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

48-Cd-116



71

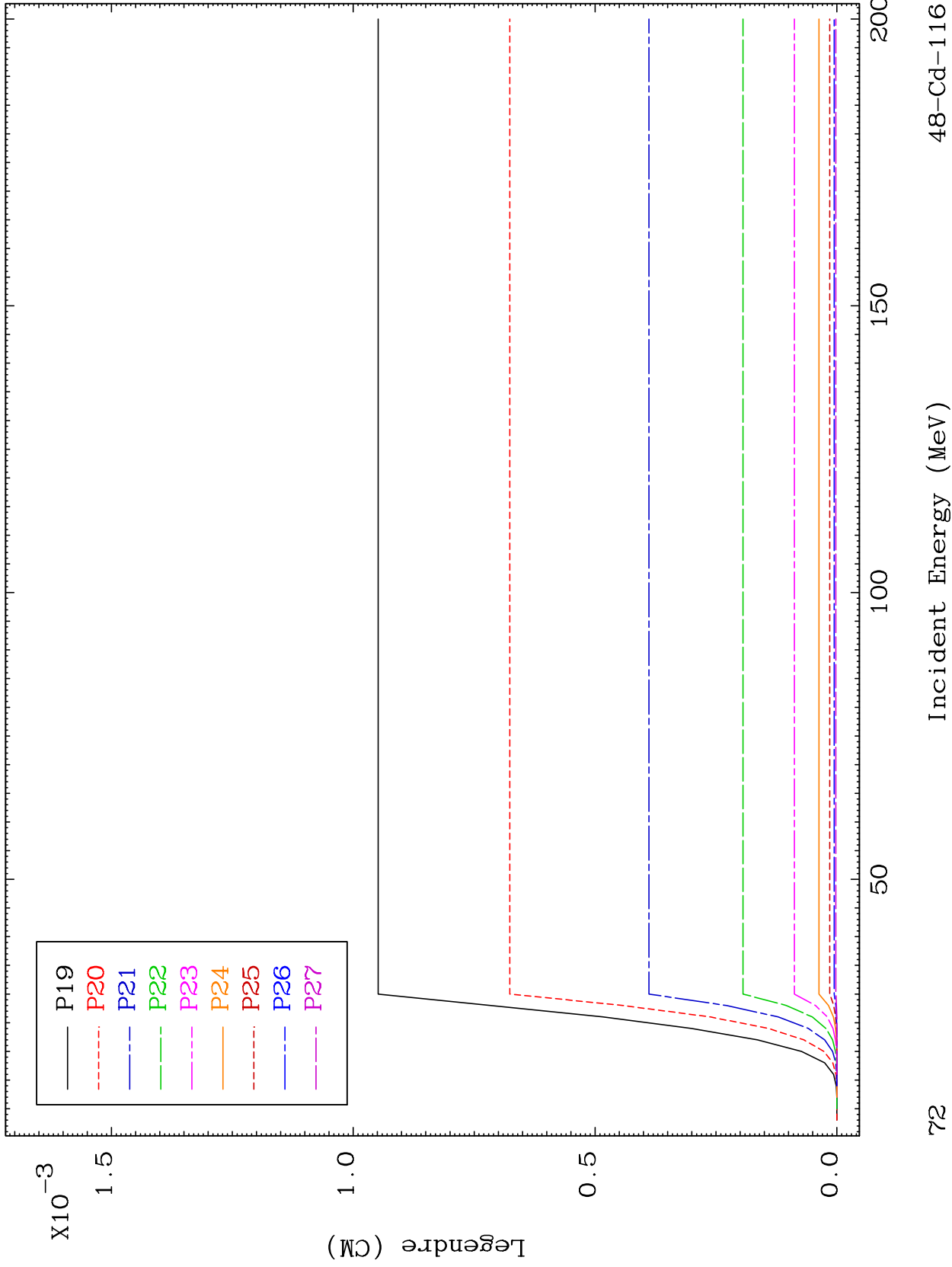
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

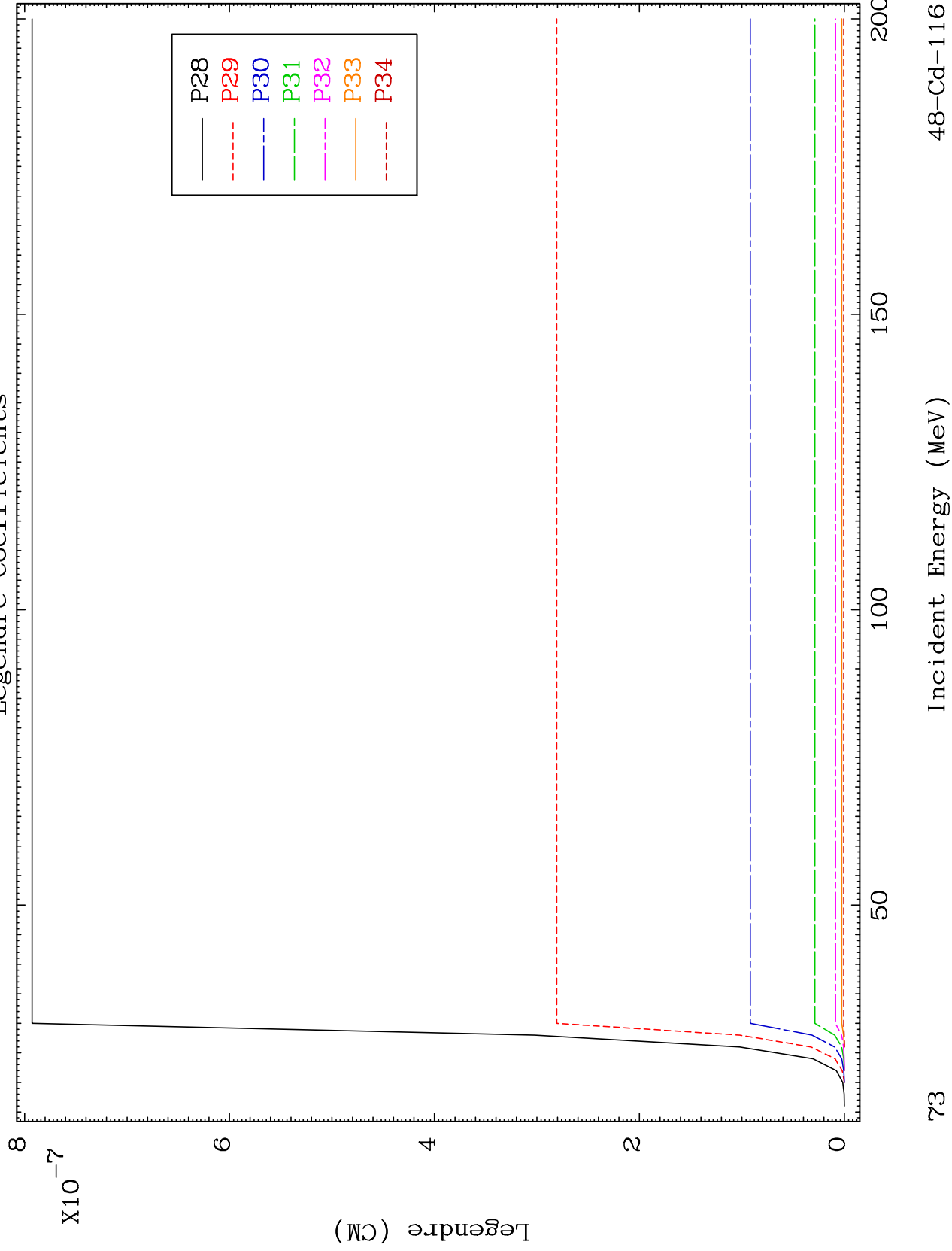
48-Cd-116



MAT 4855

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

48-Cd-116



73

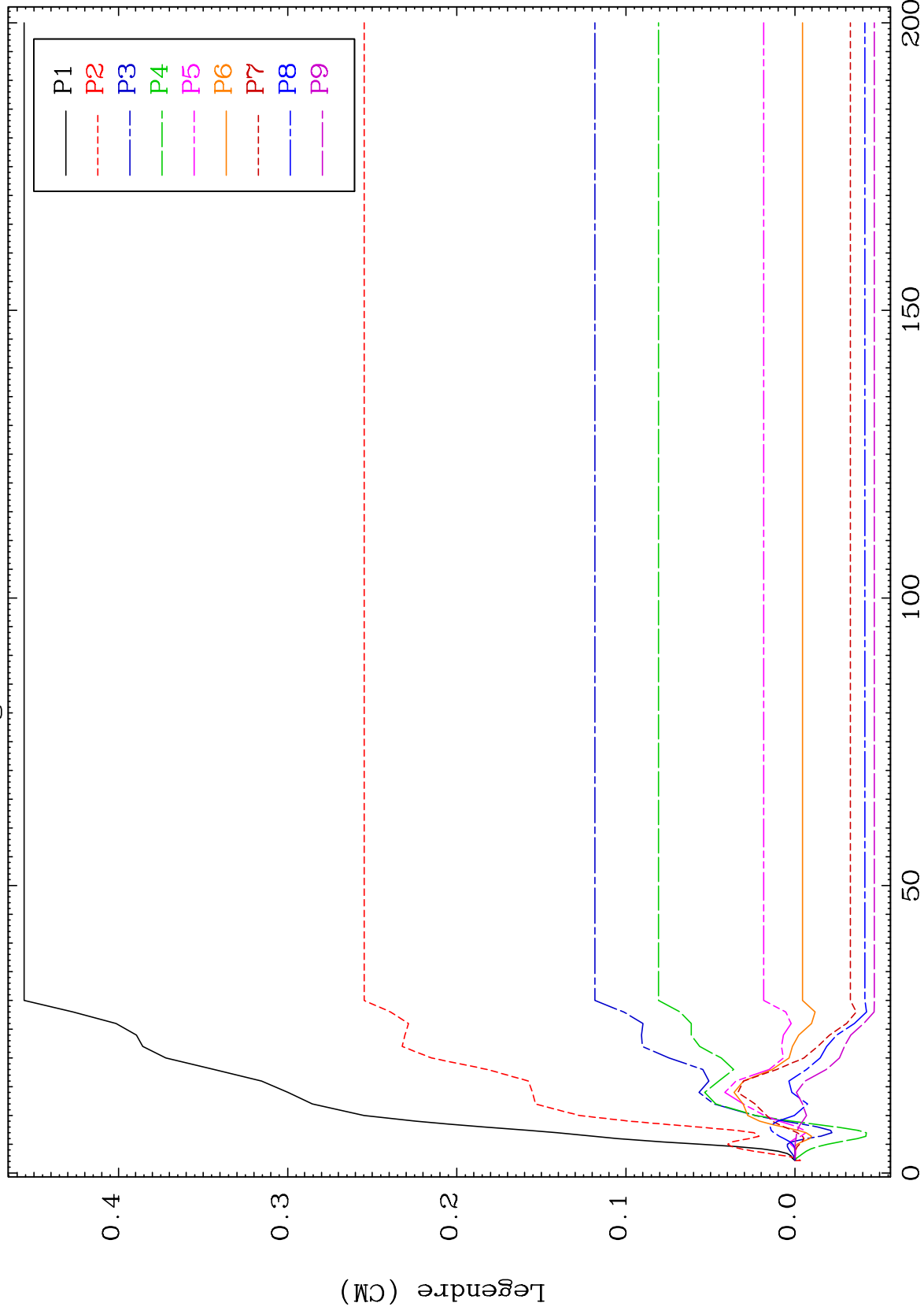
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



74

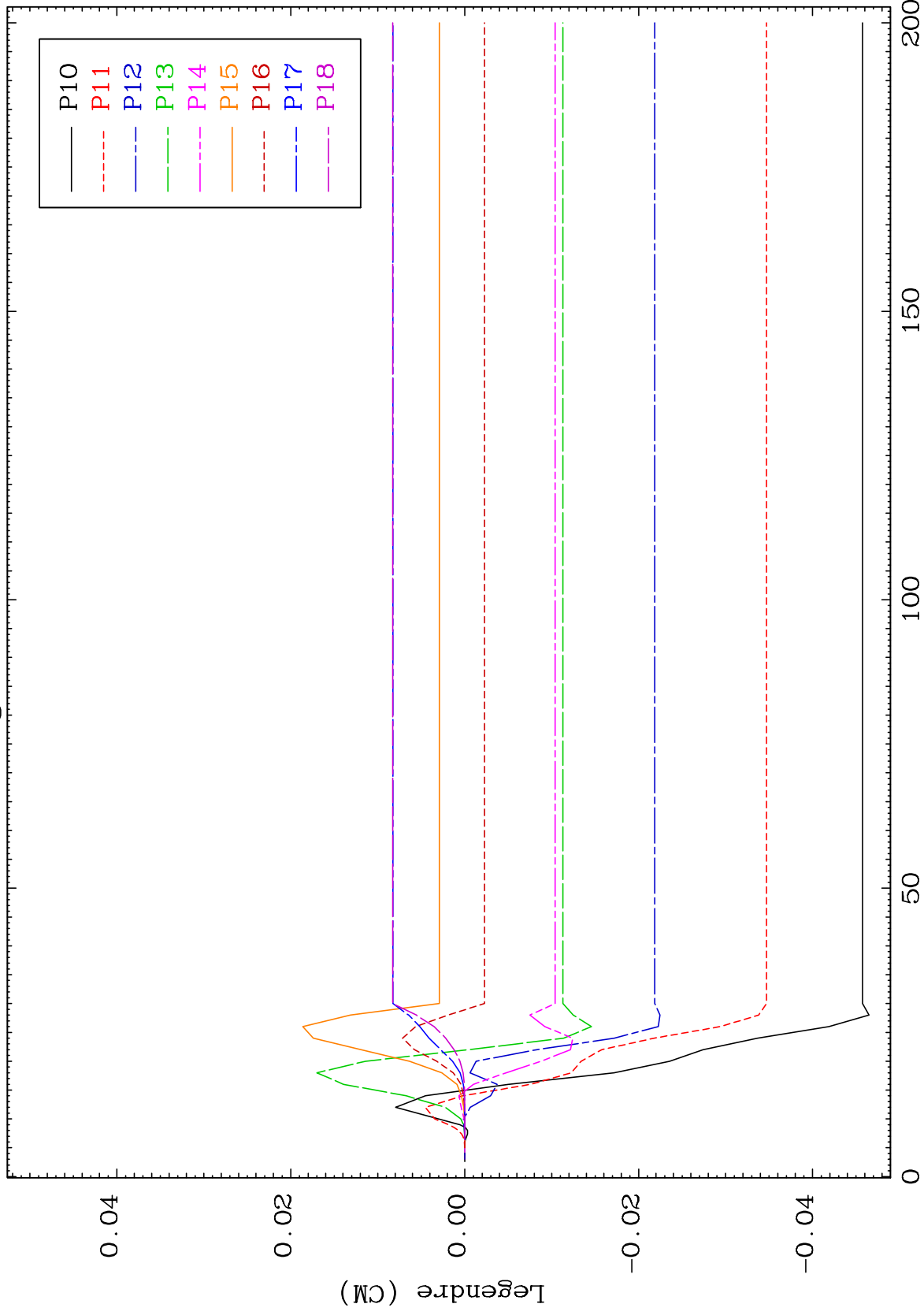
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



75

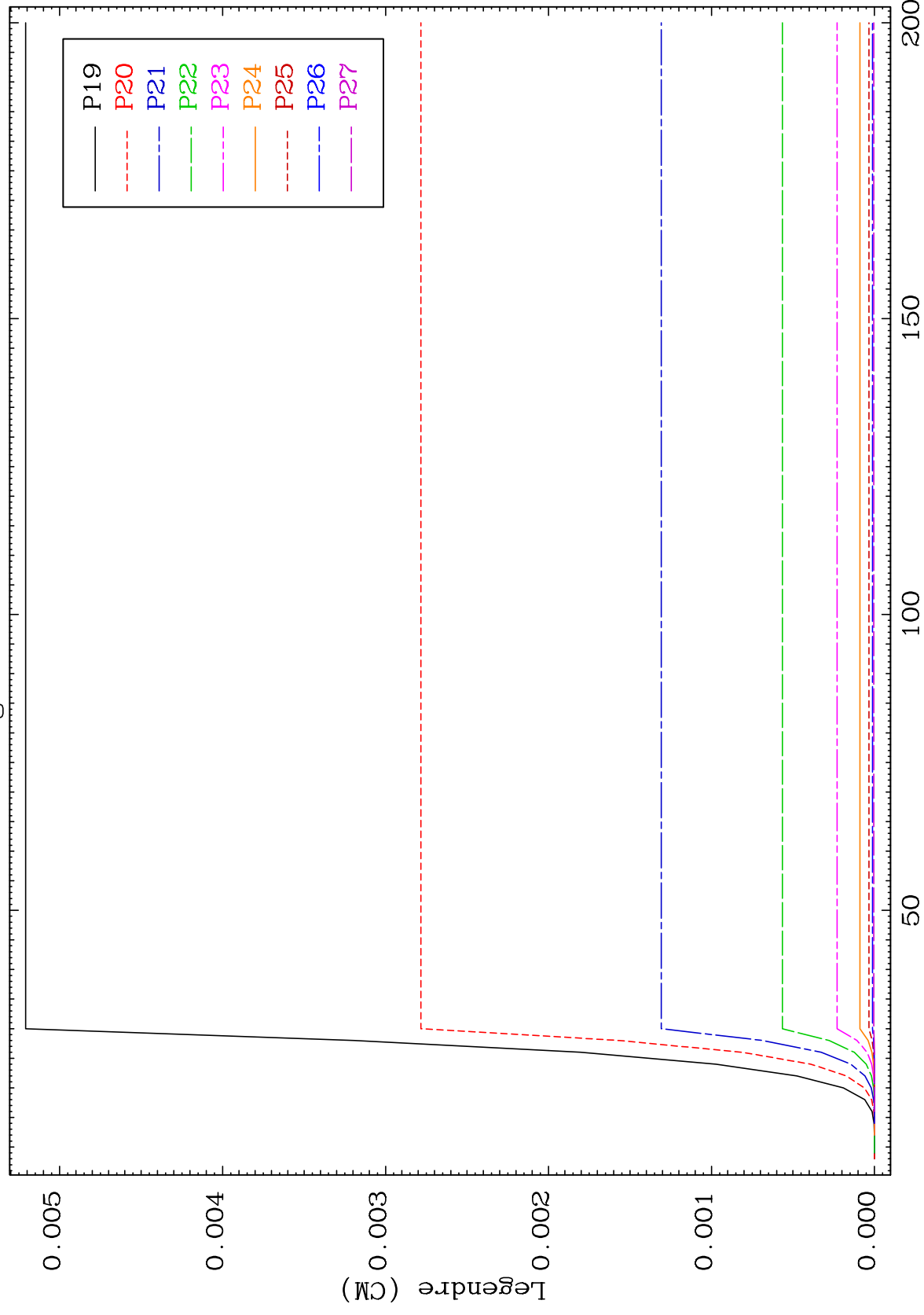
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



76

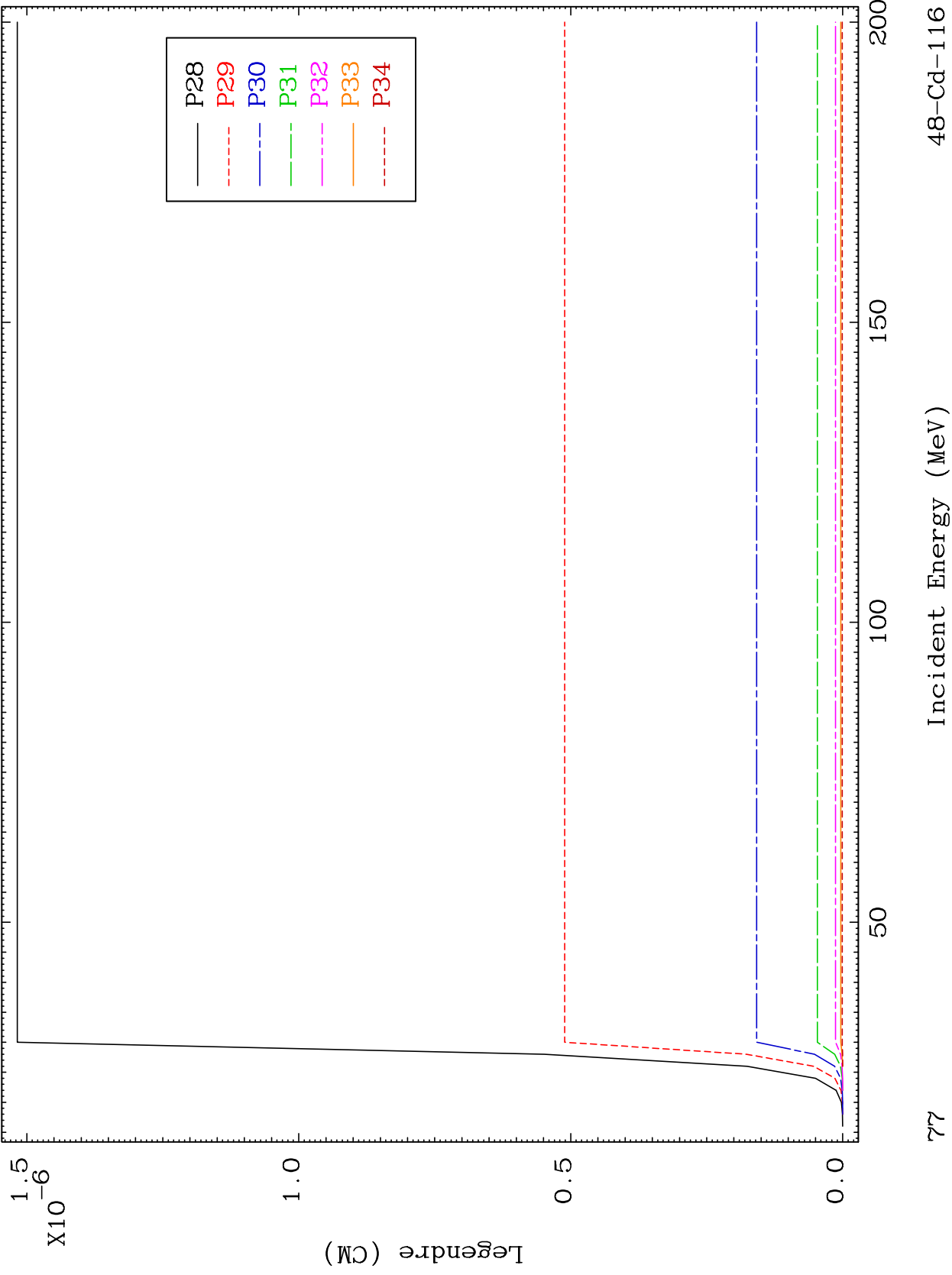
Incident Energy (MeV)

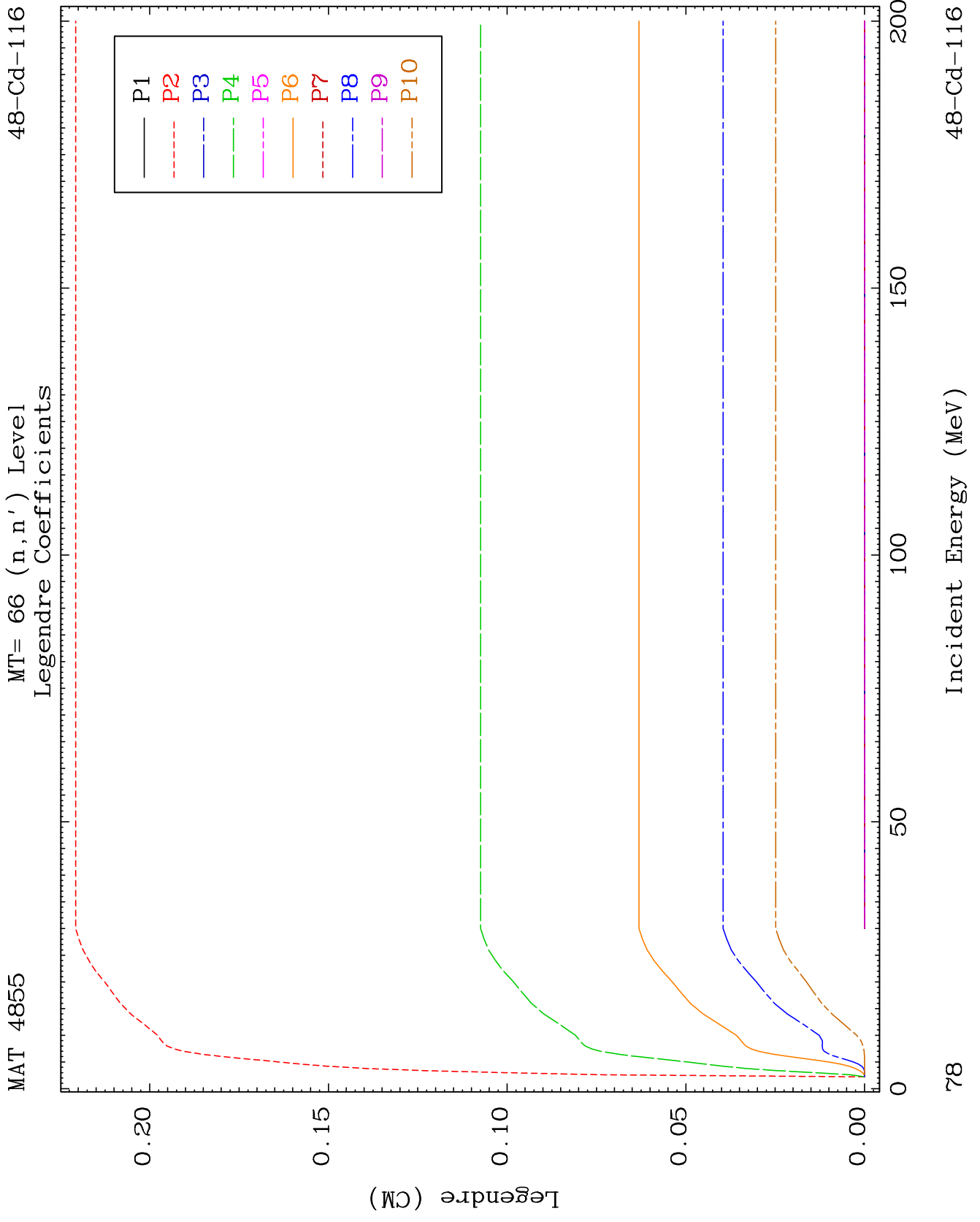
48-Cd-116

MAT 4855

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

48-Cd-116

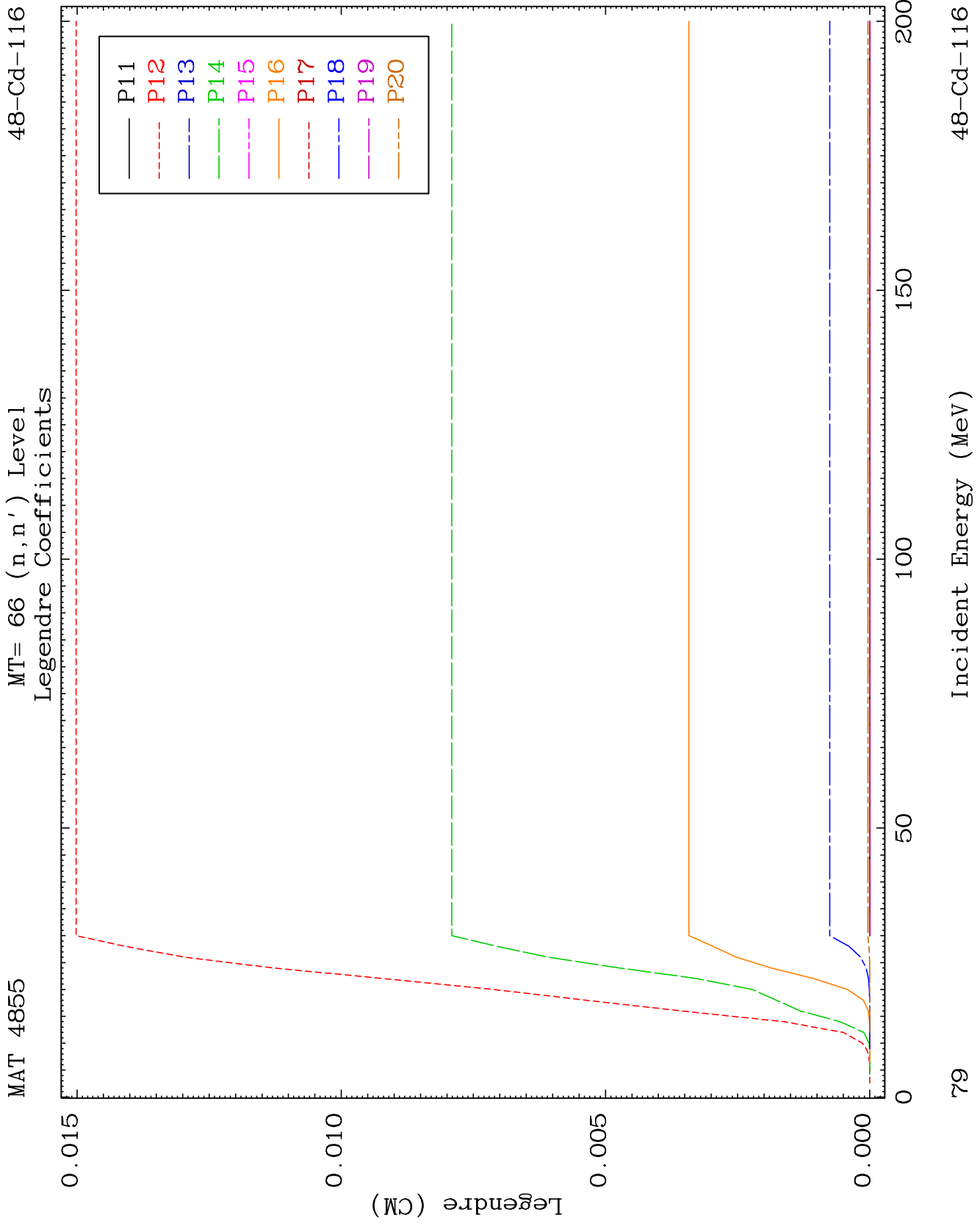




48-Cd-116

Incident Energy (MeV)

78

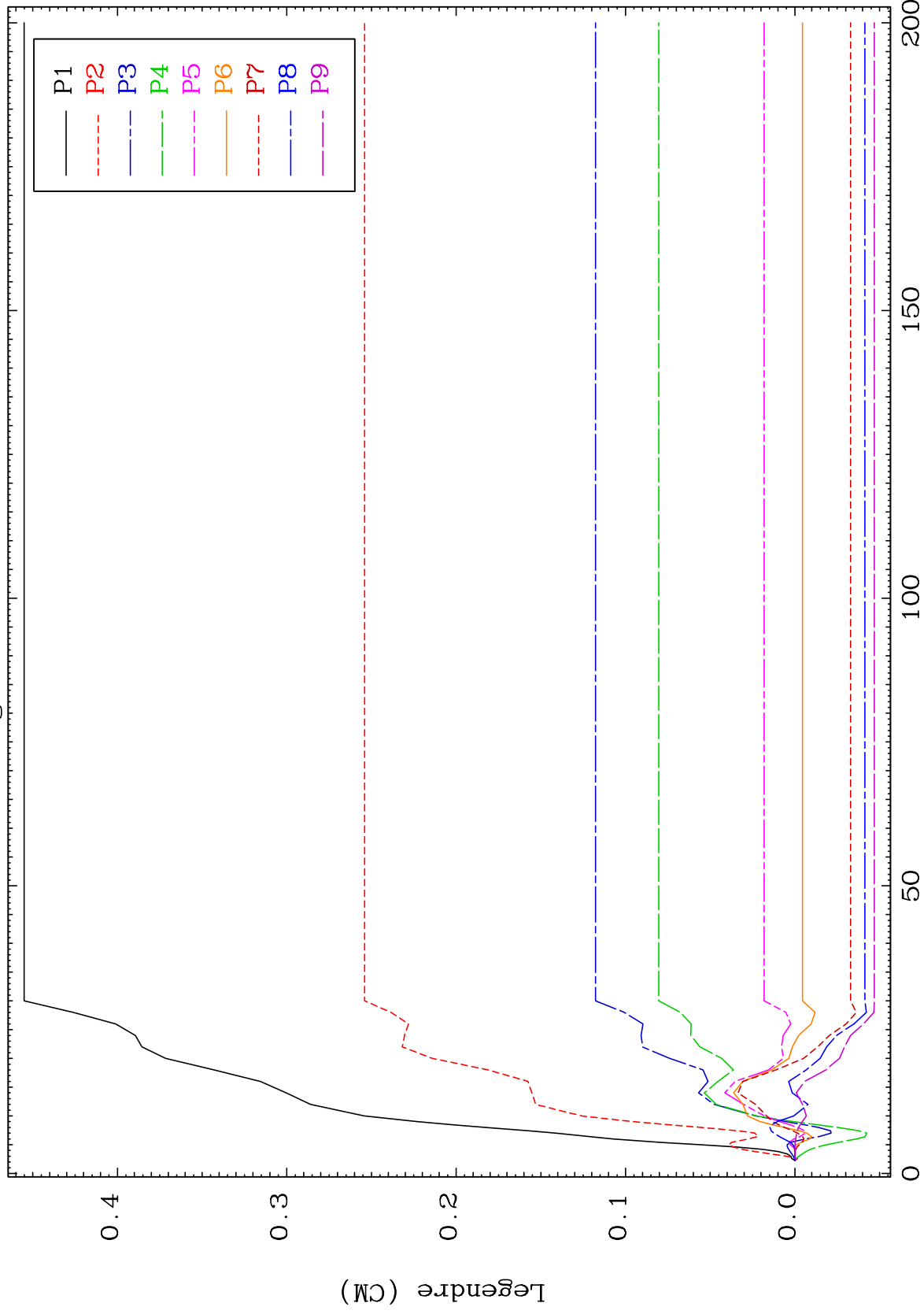




MAT 4855

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

48-Cd-116



81

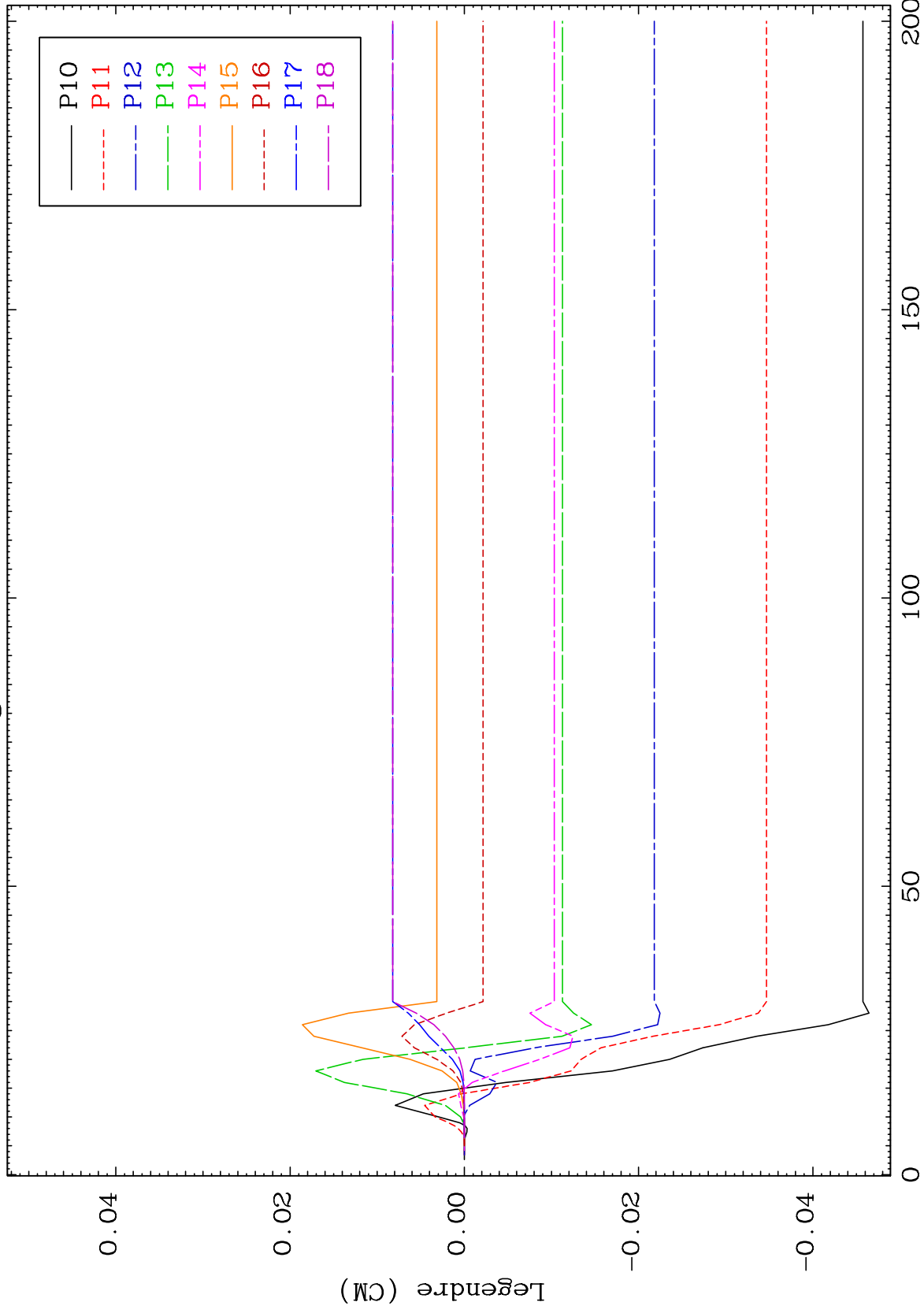
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

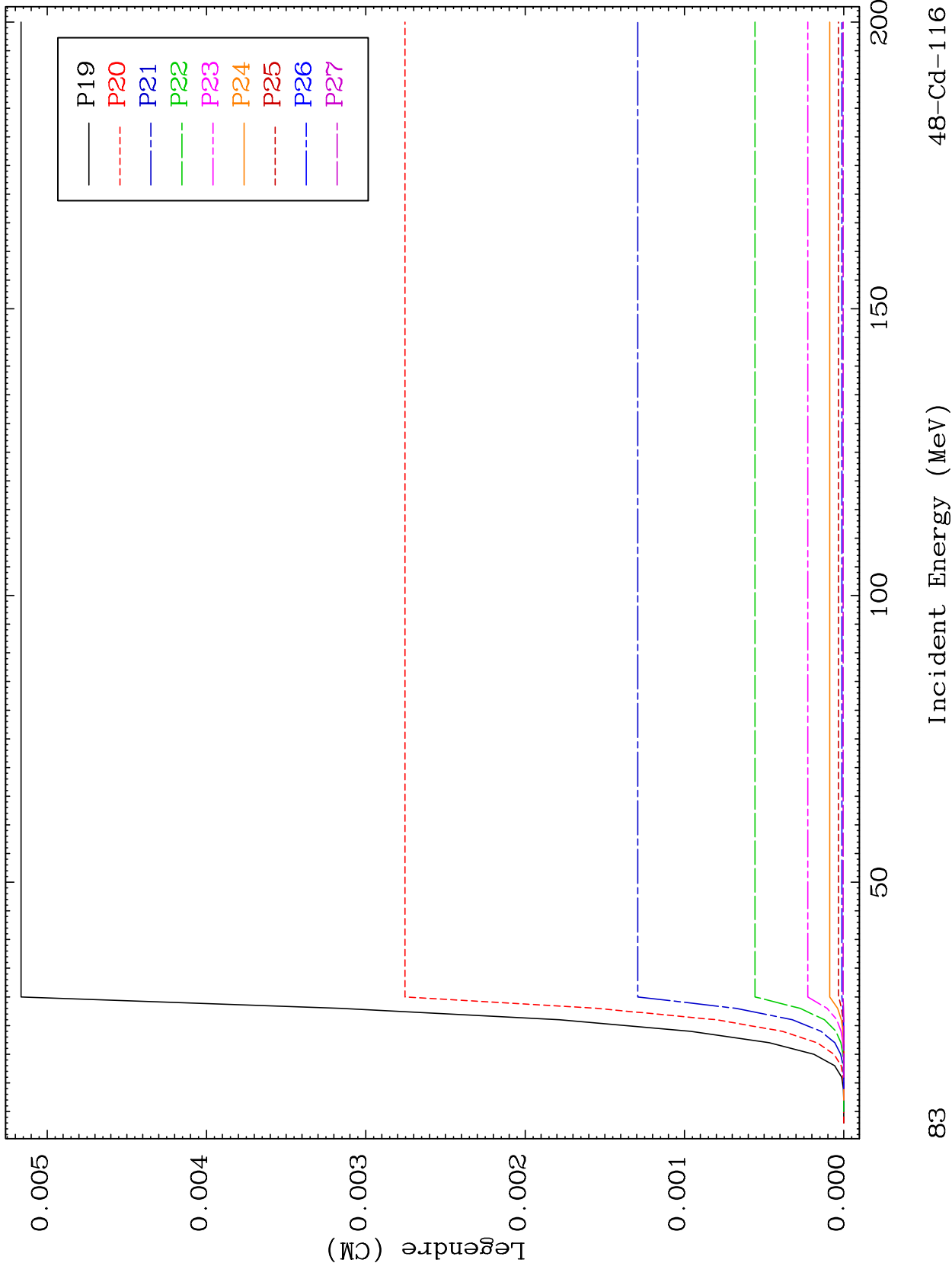
48-Cd-116



82

Incident Energy (MeV)

48-Cd-116

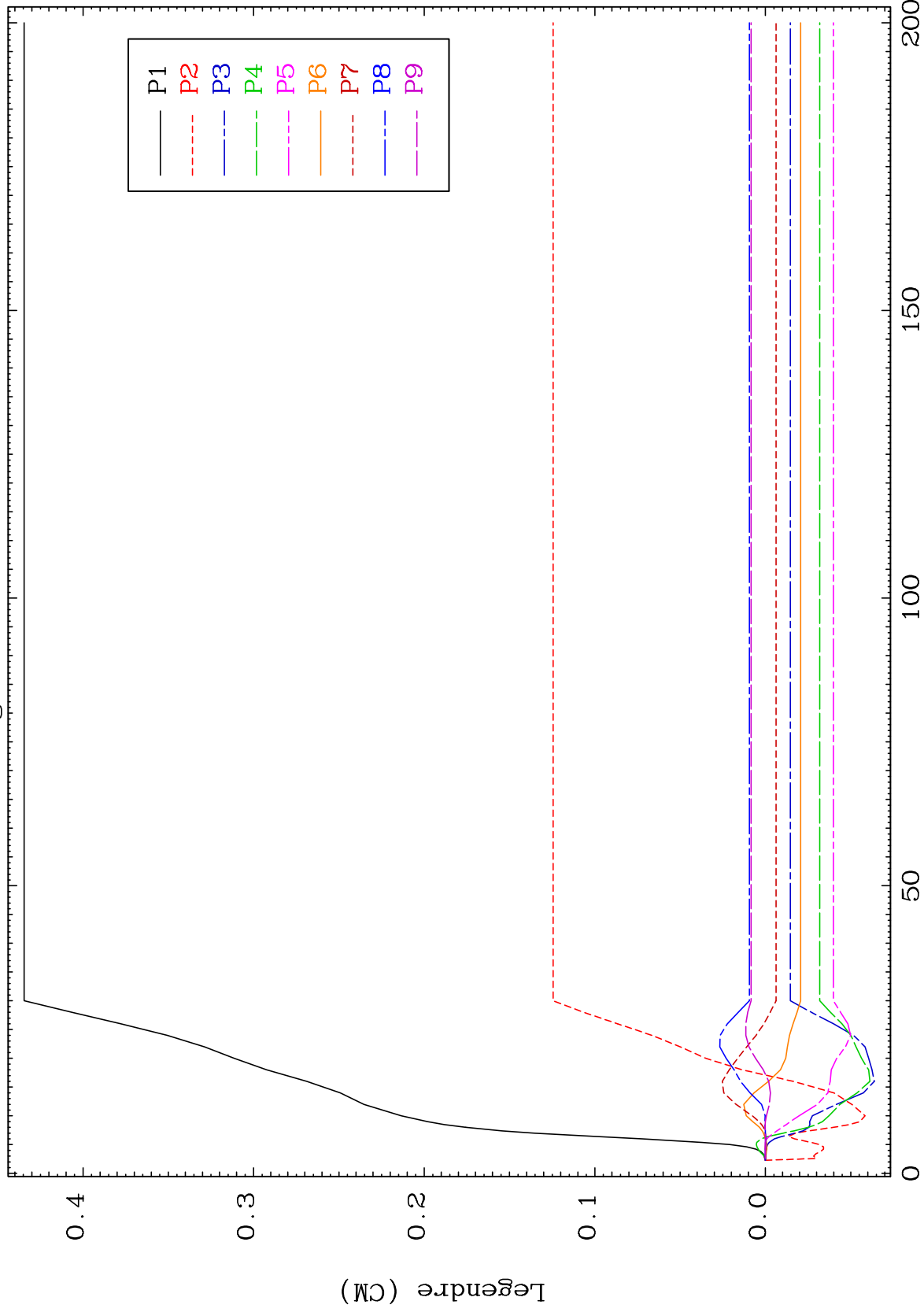




MAT 4855

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

48-Cd-116



85

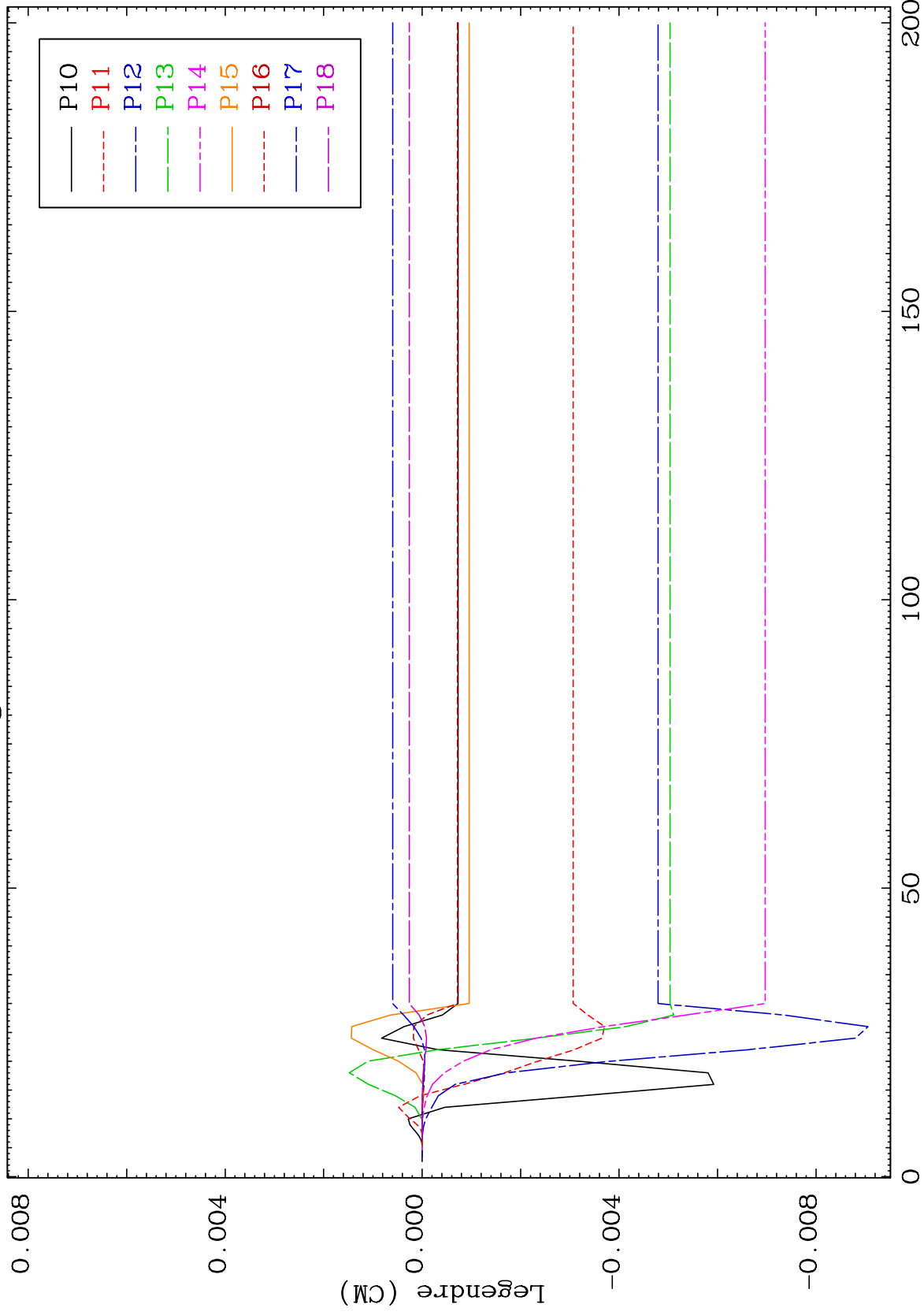
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



86

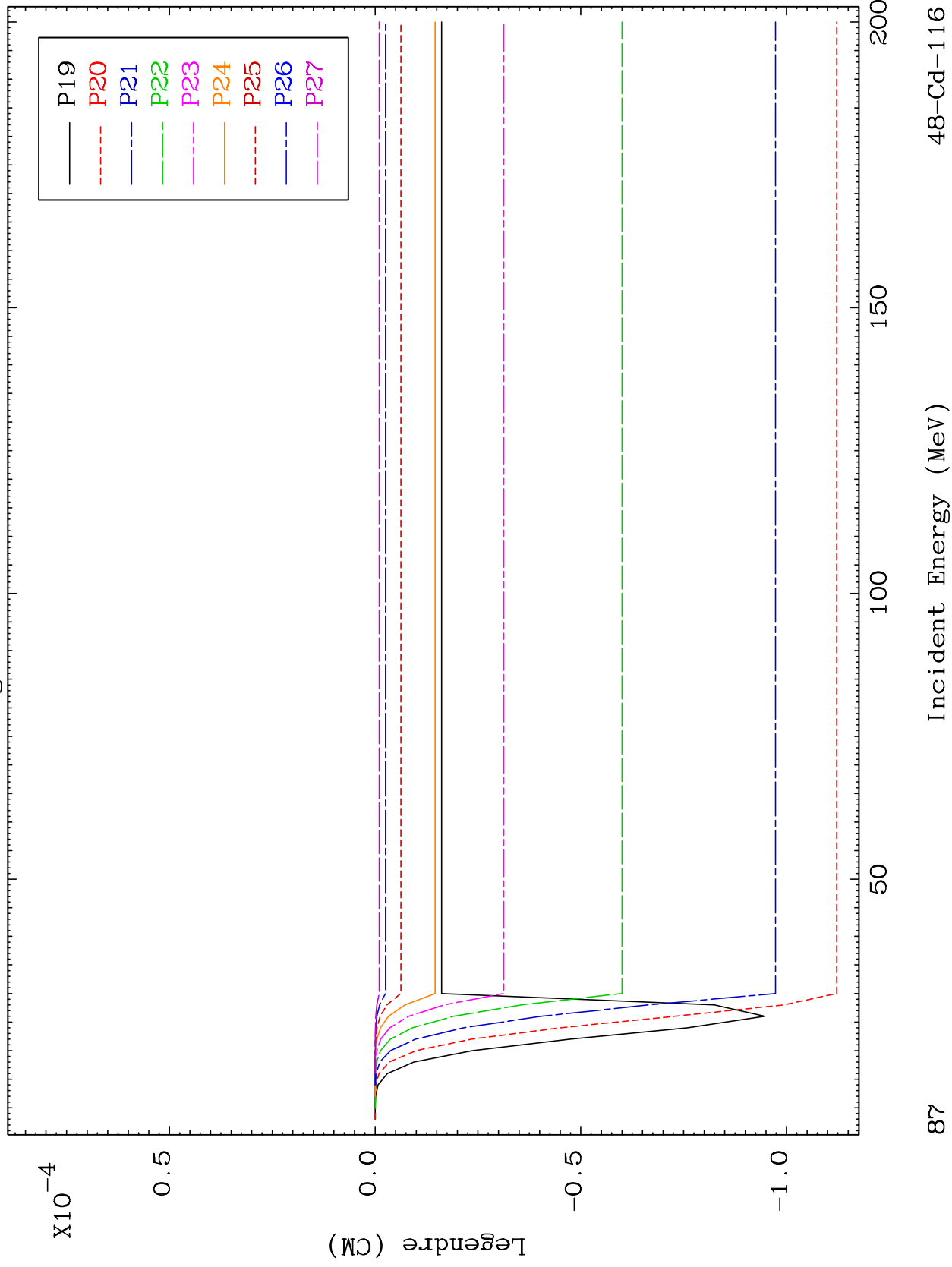
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

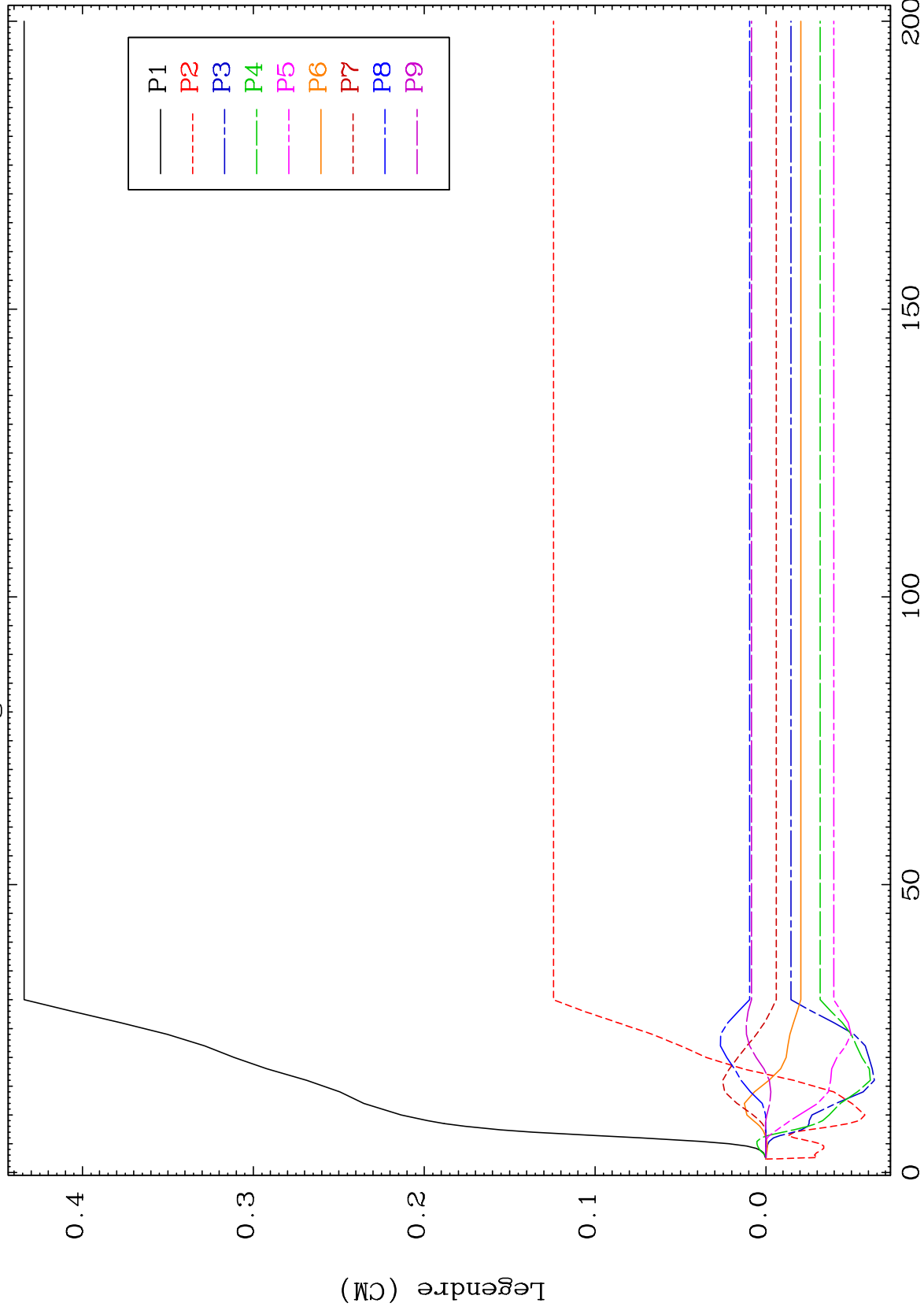




MAT 4855

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

48-Cd-116



89

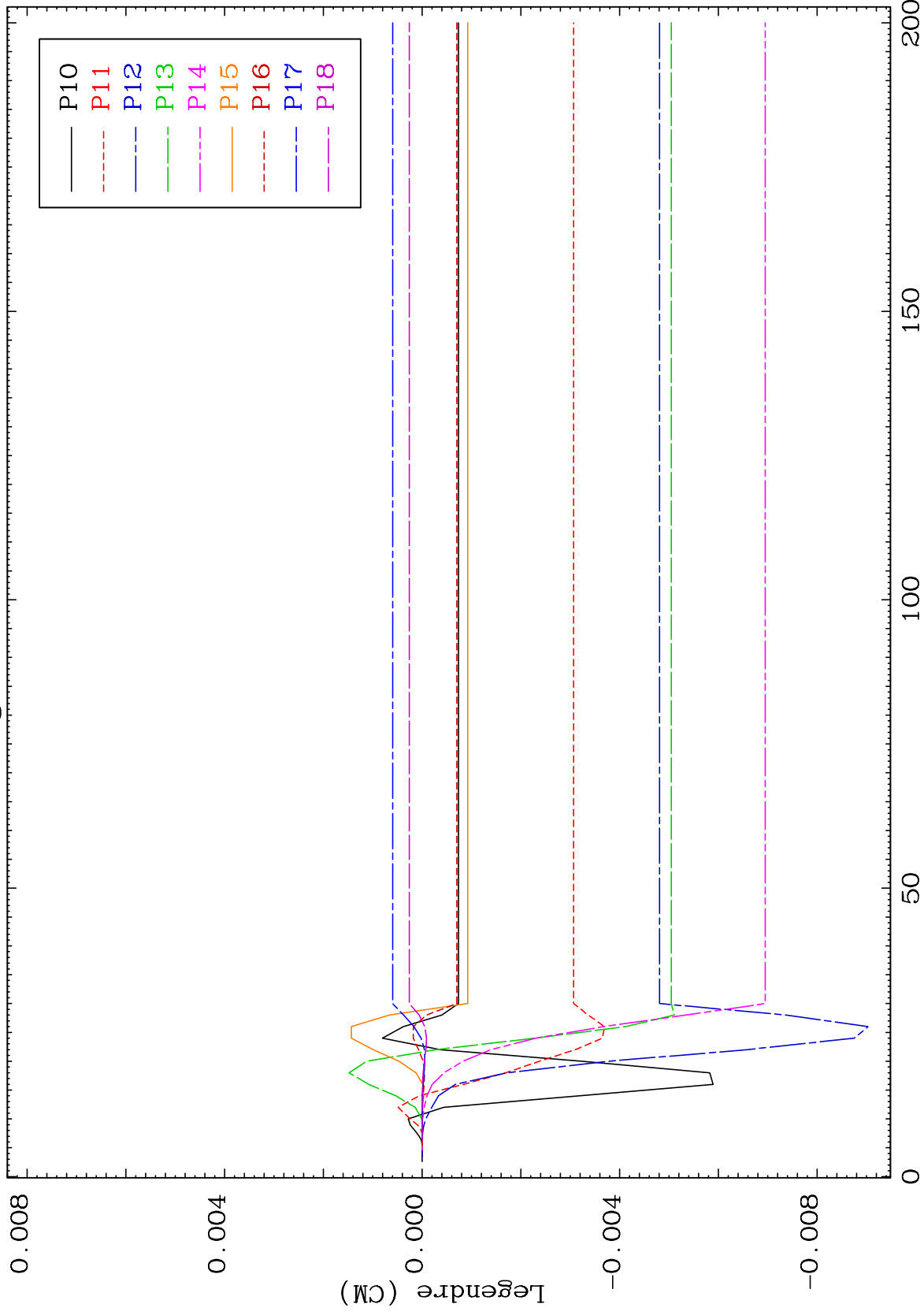
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



90

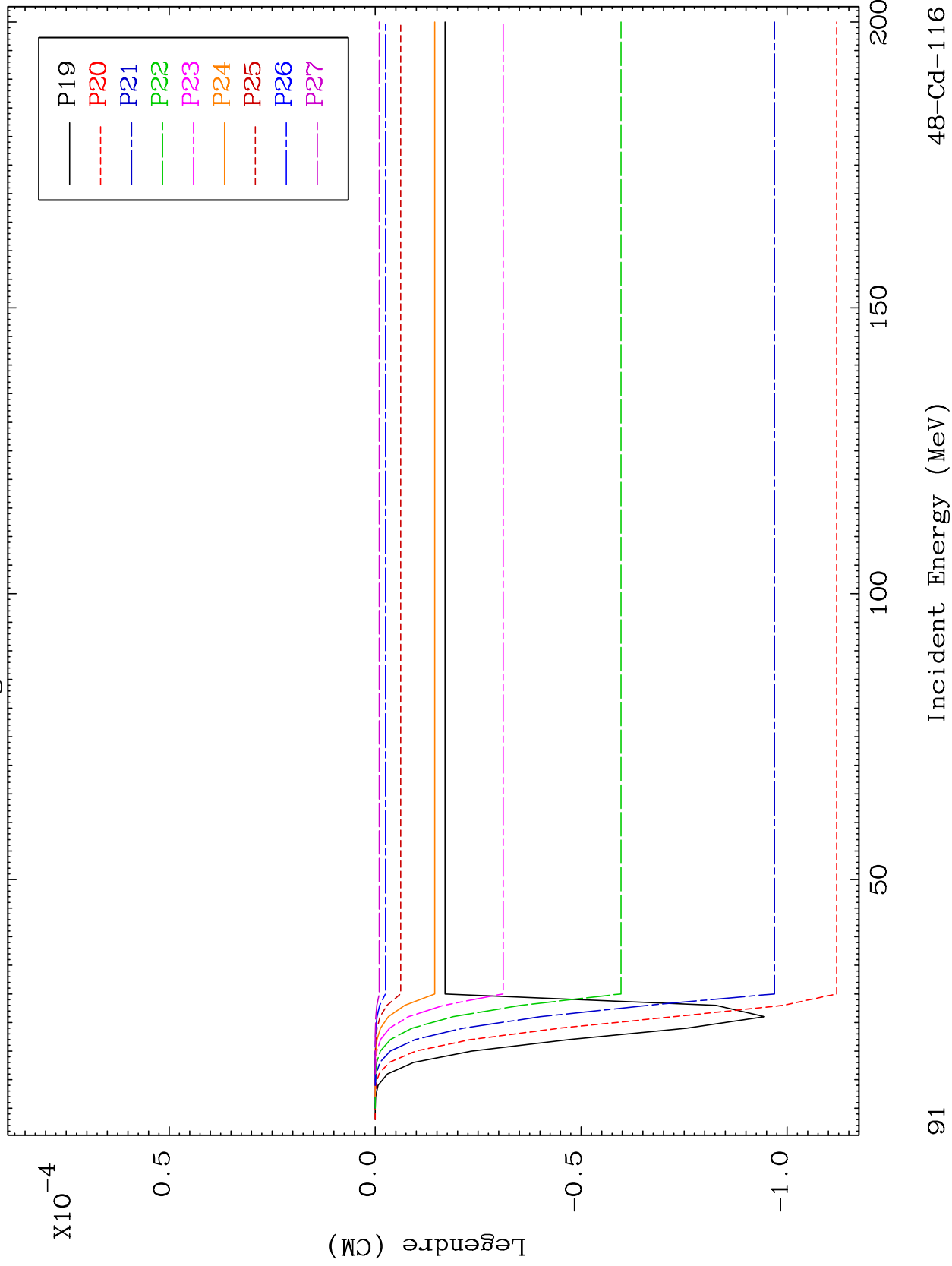
Incident Energy (MeV)

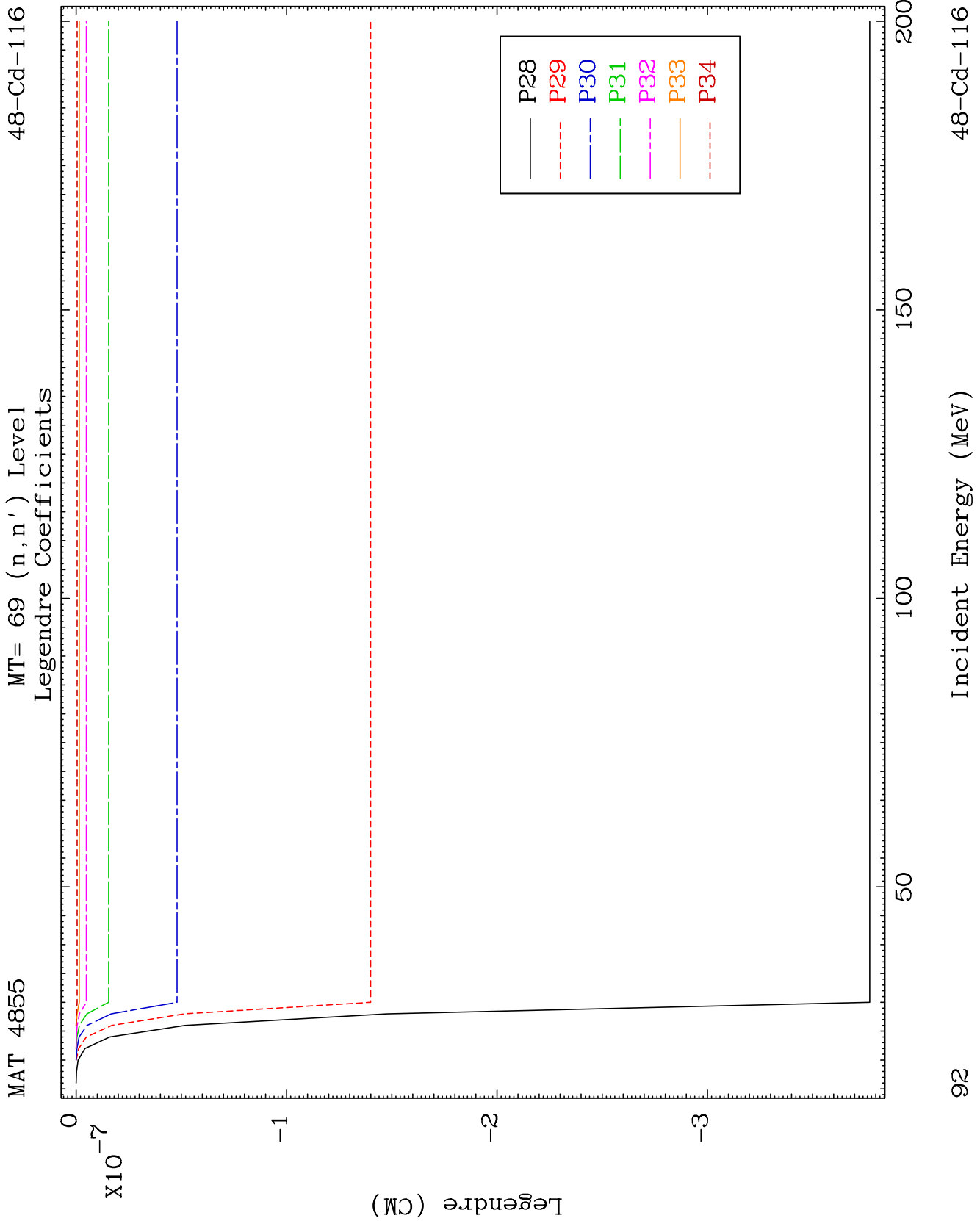
48-Cd-116

MAT 4855

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

48-Cd-116

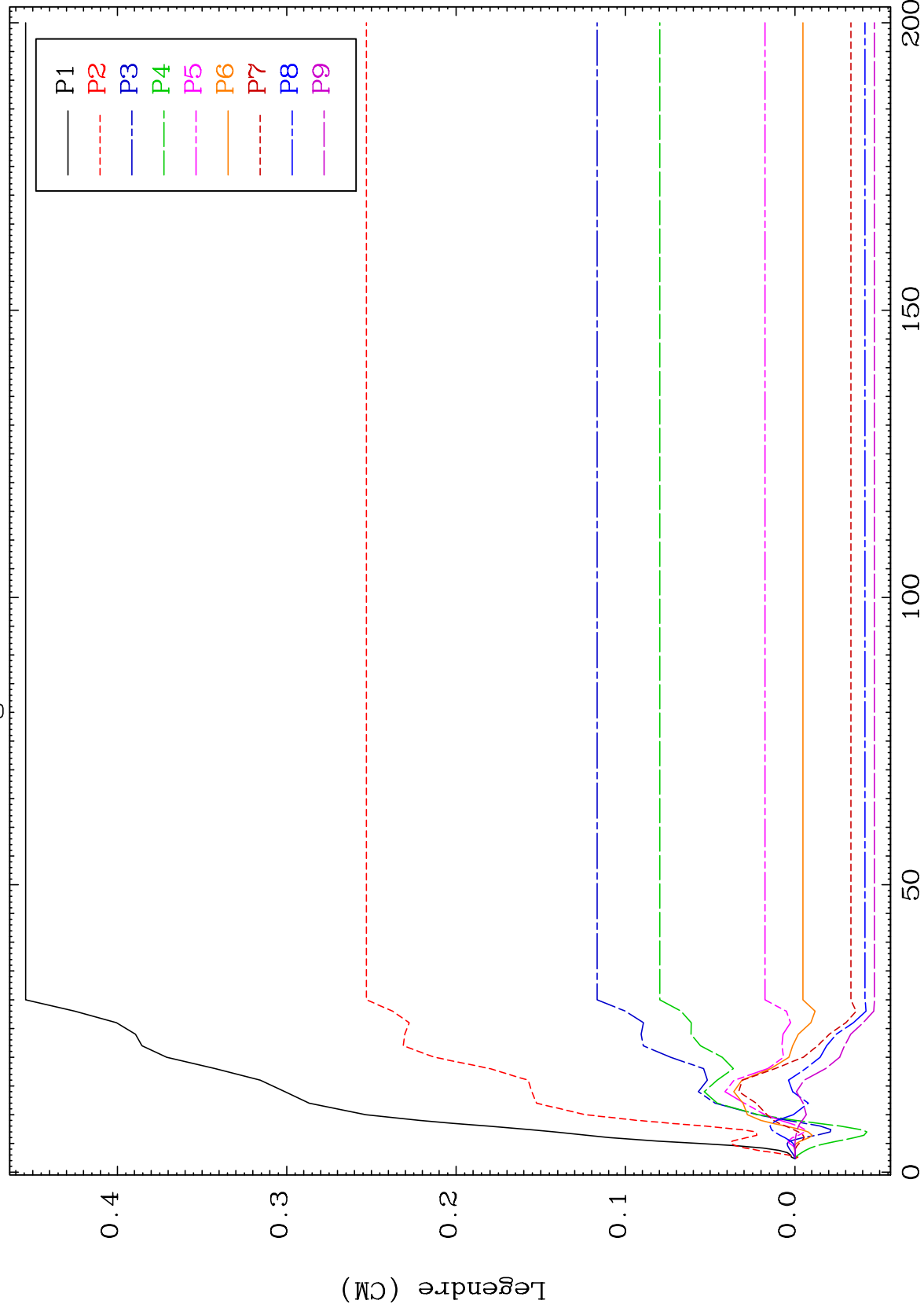




MAT 4855

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

48-Cd-116



93

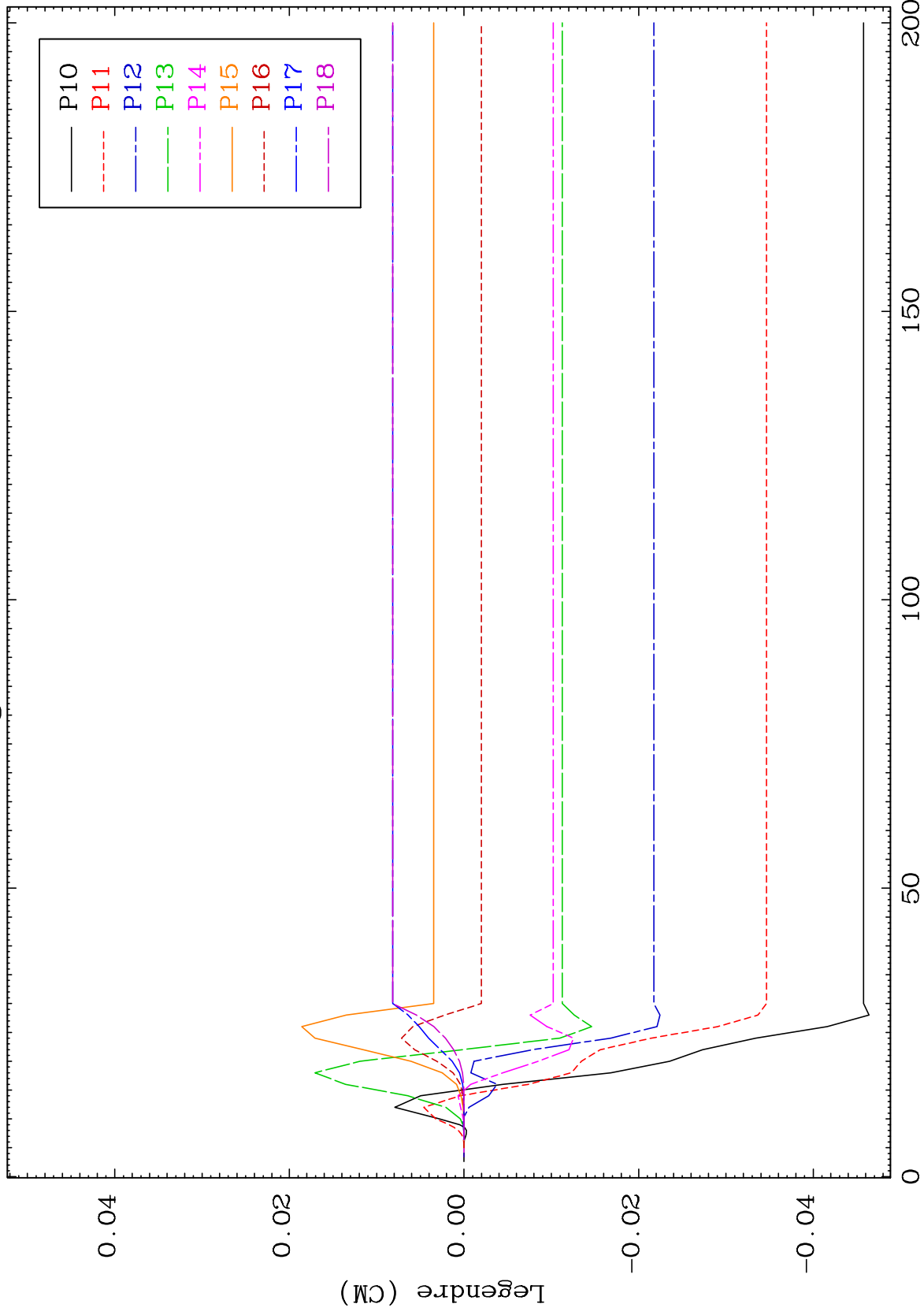
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



94

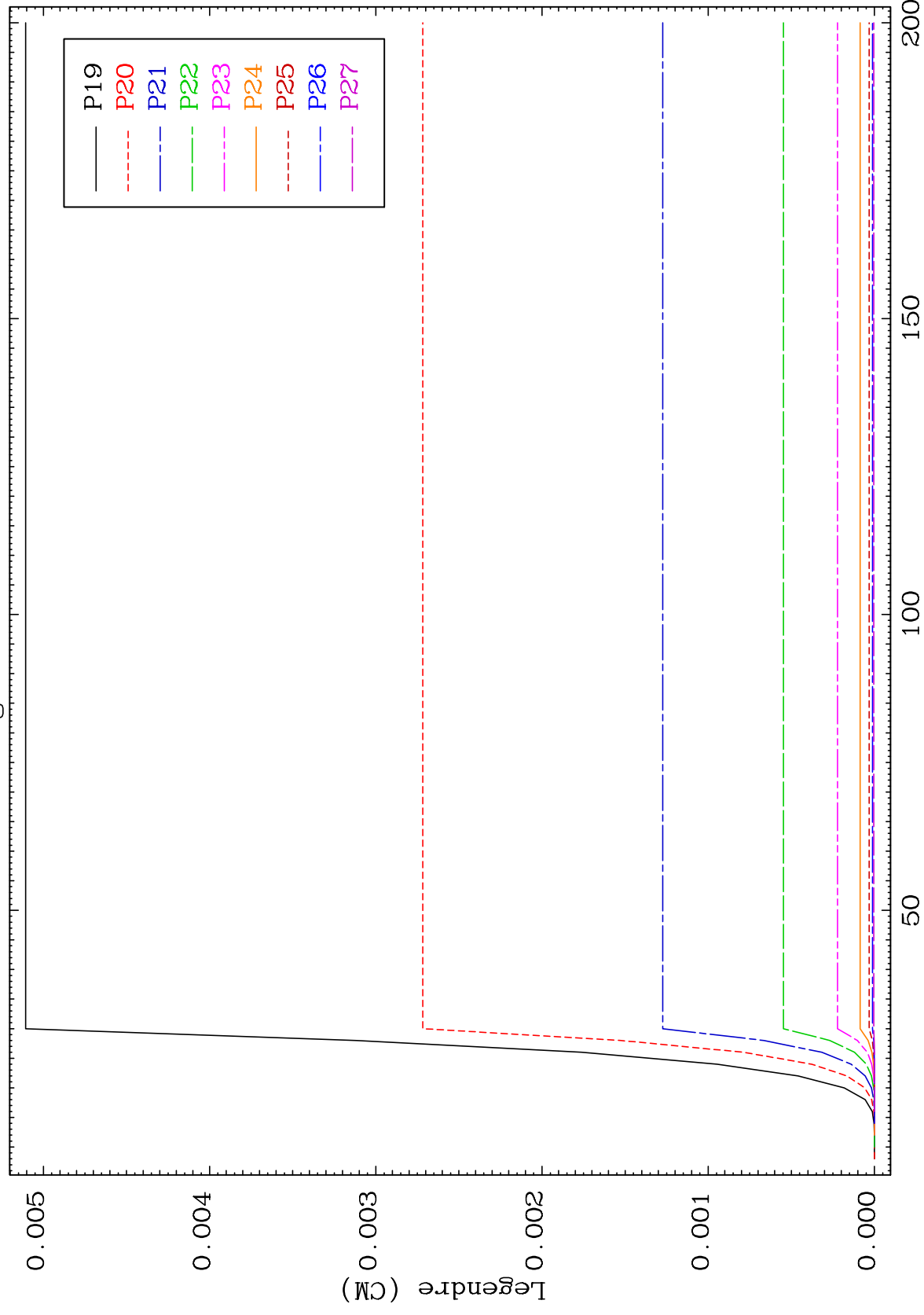
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



95

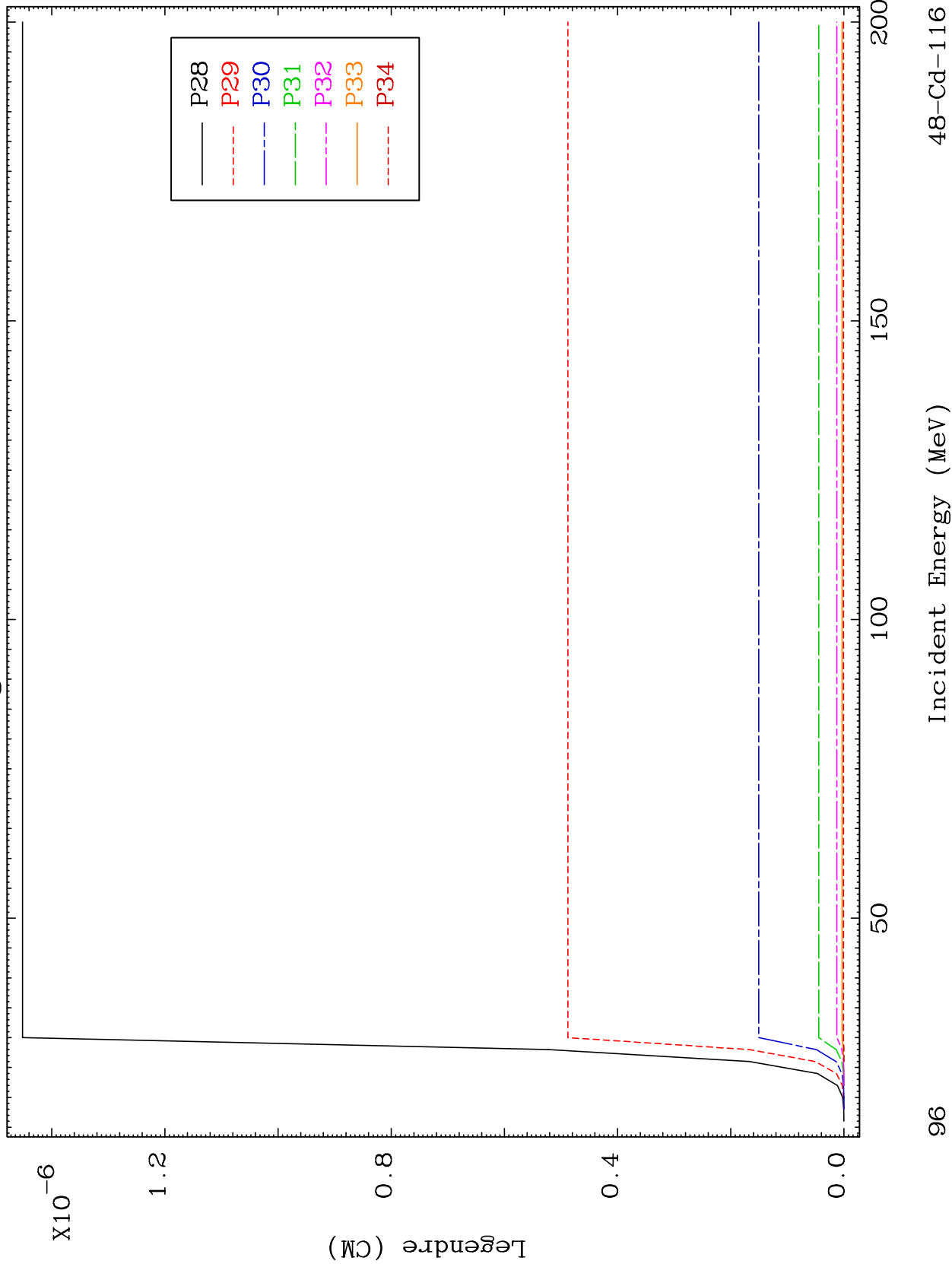
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

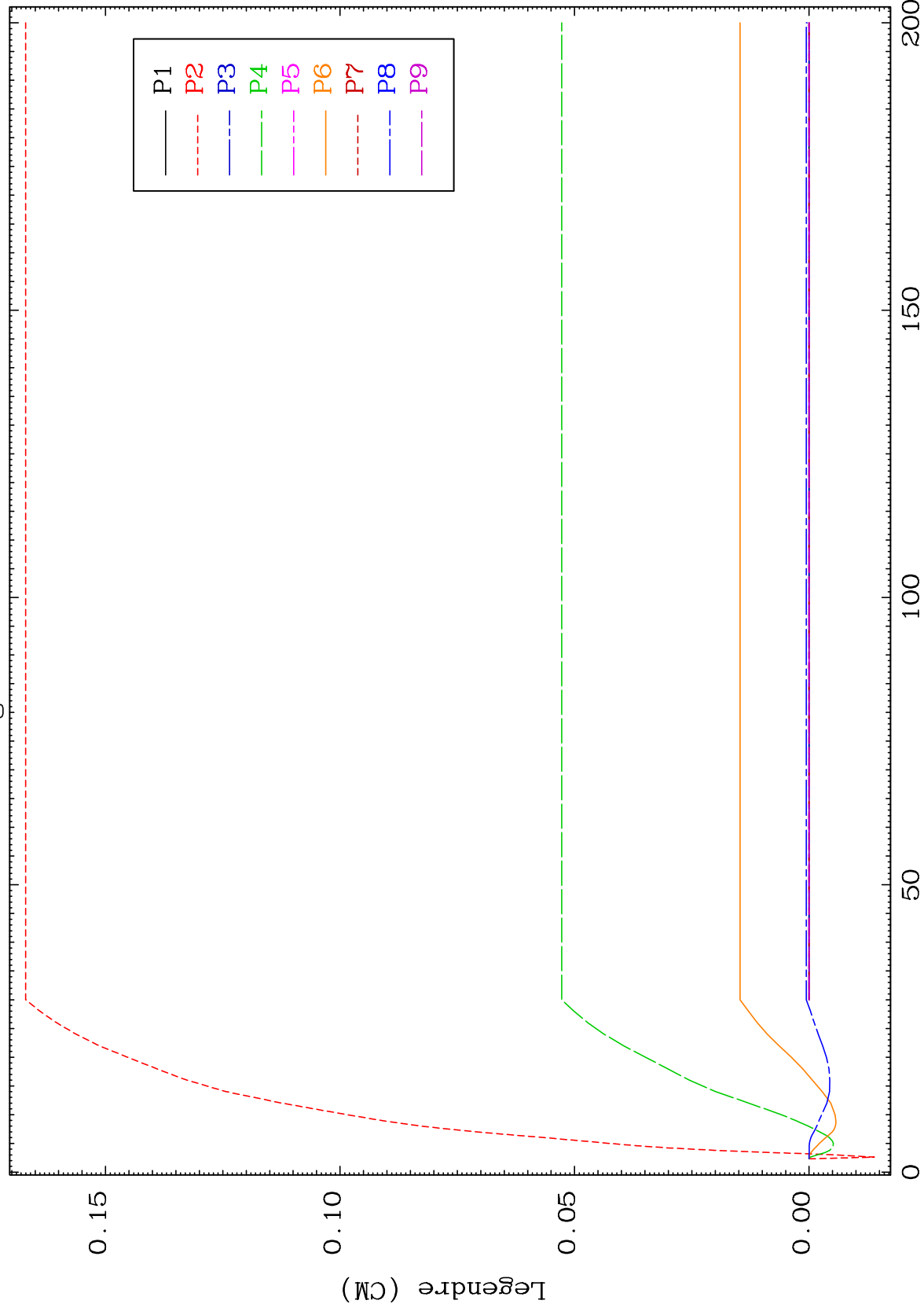
48-Cd-116



MAT 4855

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

48-Cd-116



97

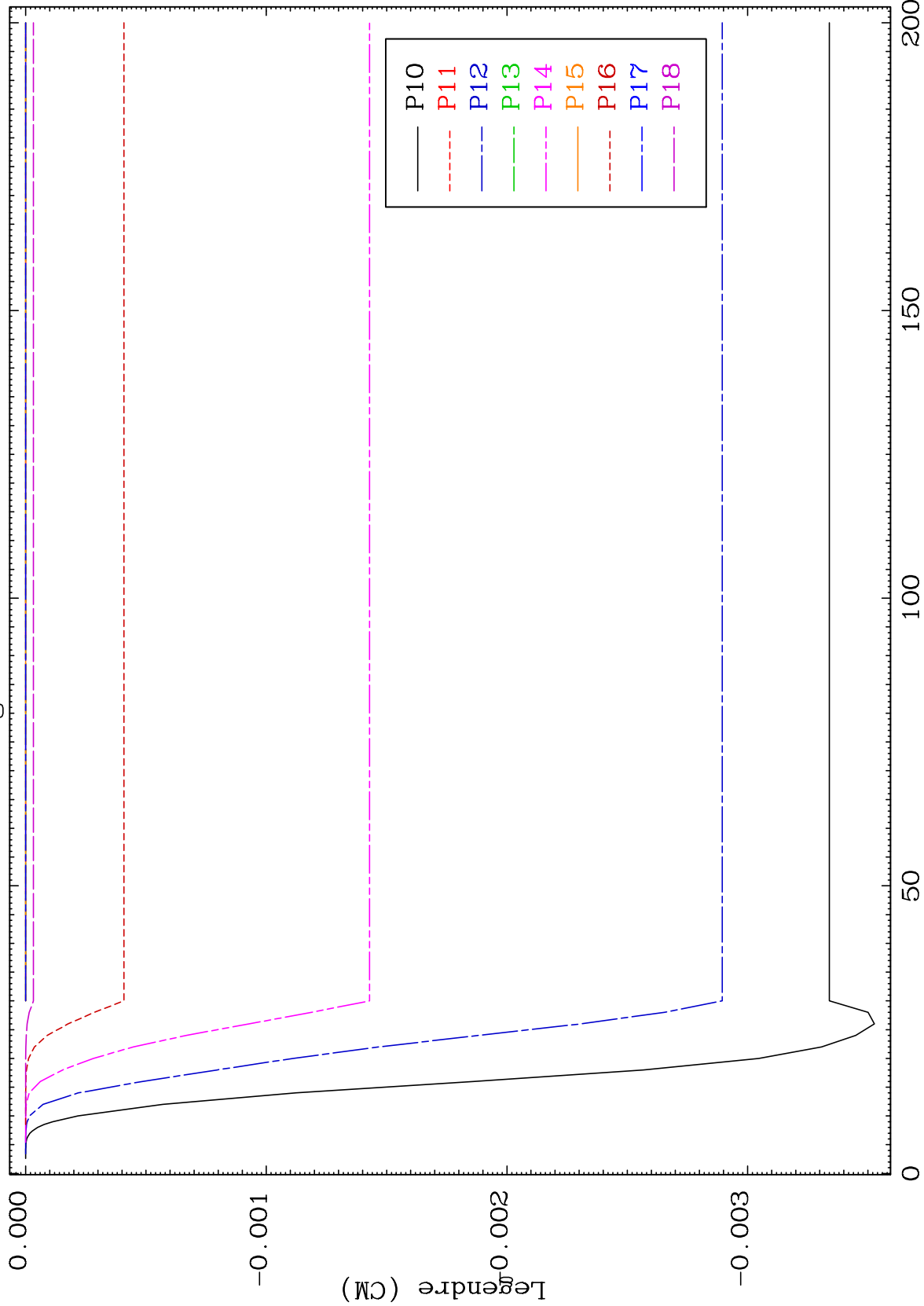
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

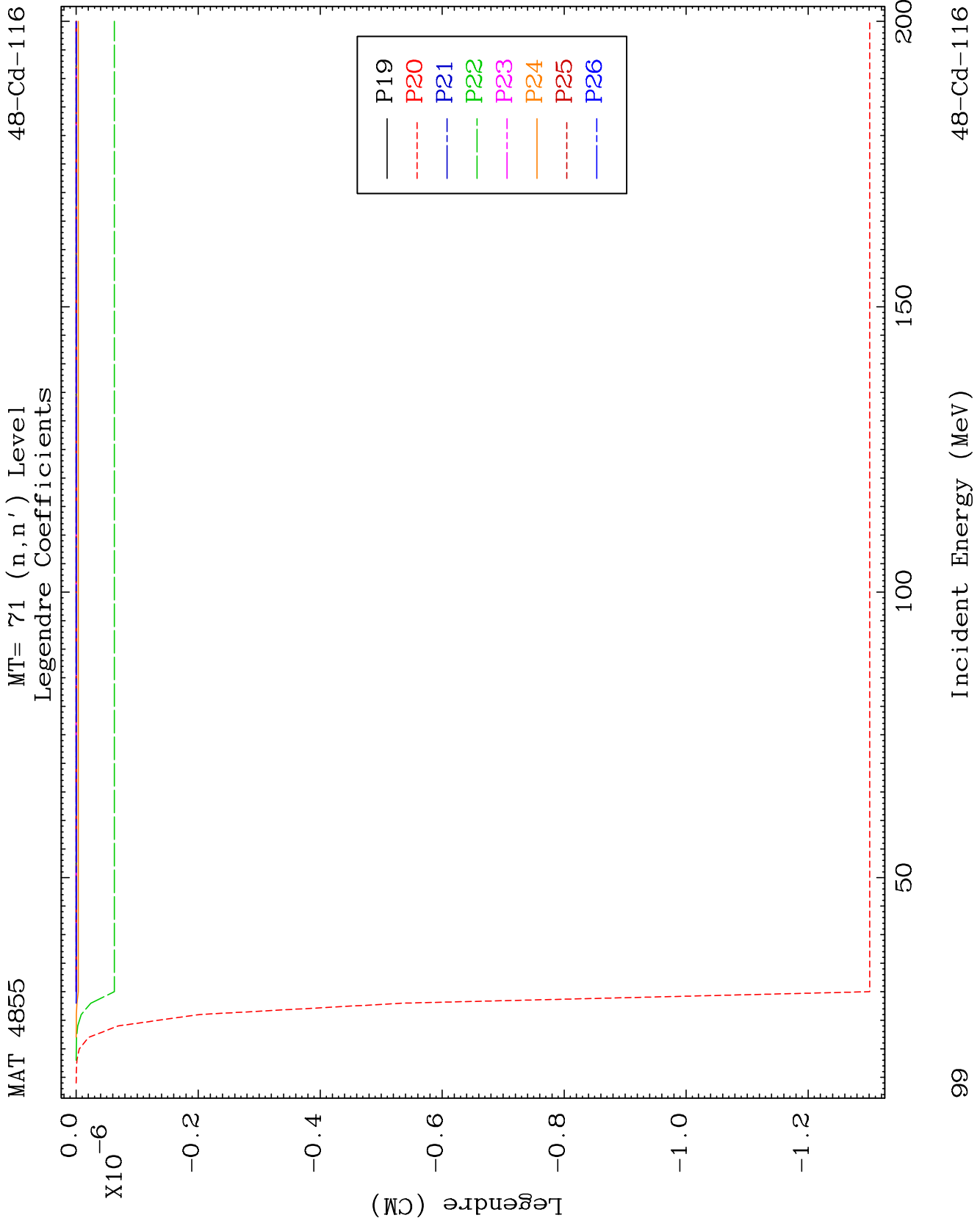
48-Cd-116



98

Incident Energy (MeV)

48-Cd-116

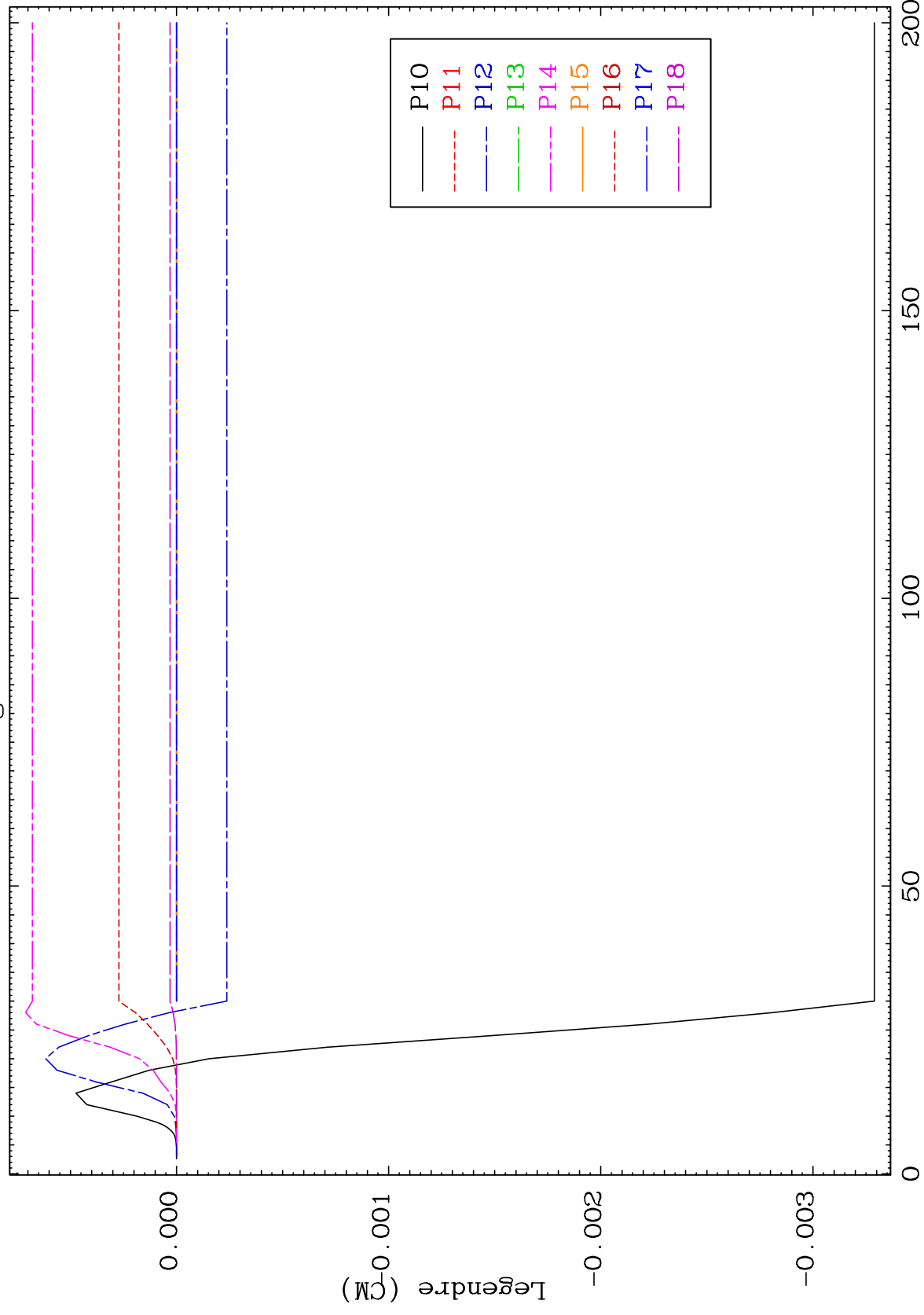




MAT 4855

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

48-Cd-116



101

Incident Energy (MeV)

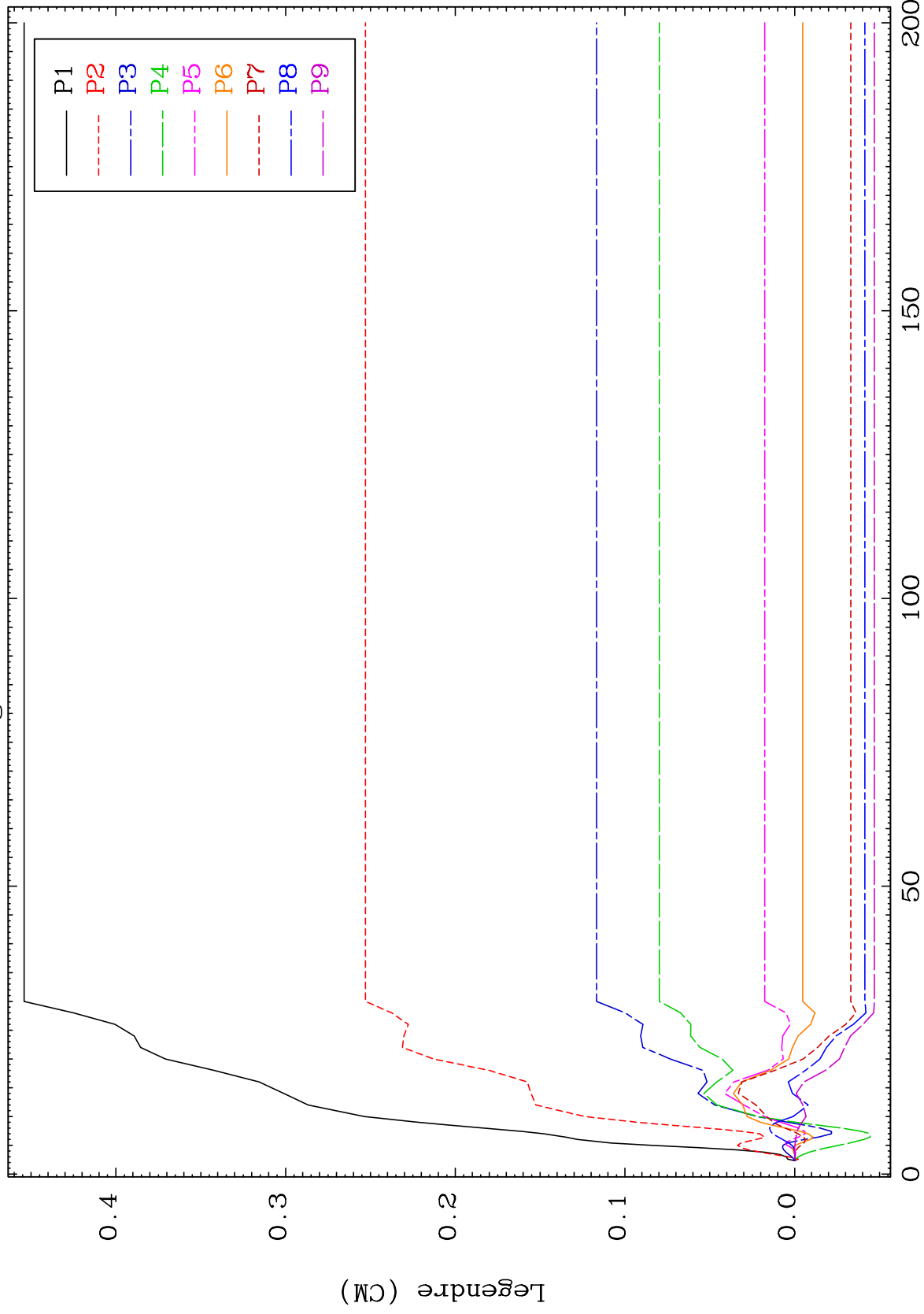
48-Cd-116



MAT 4855

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

48-Cd-116



48-Cd-116

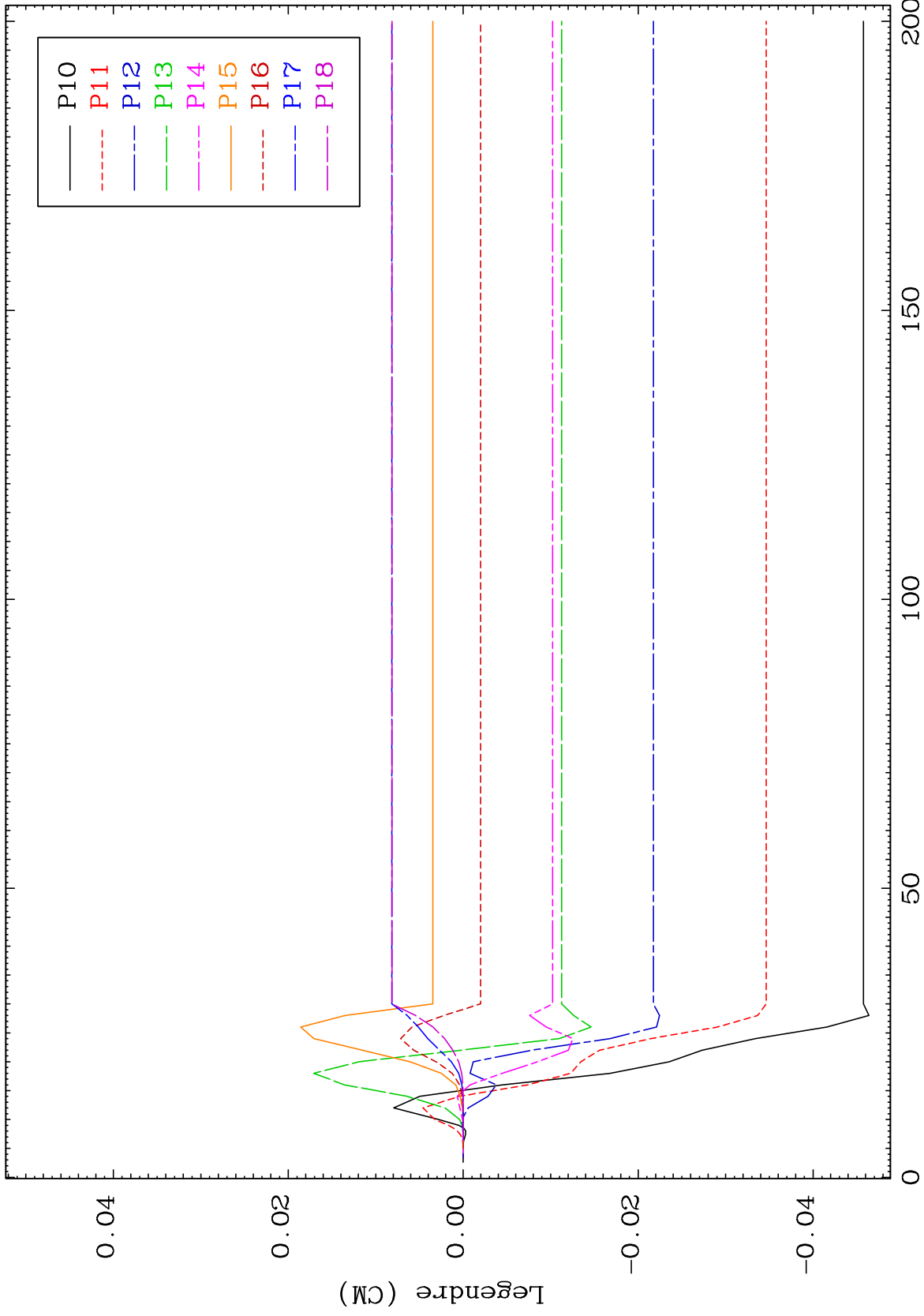
Incident Energy (MeV)

103

MAT 4855

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

48-Cd-116



104

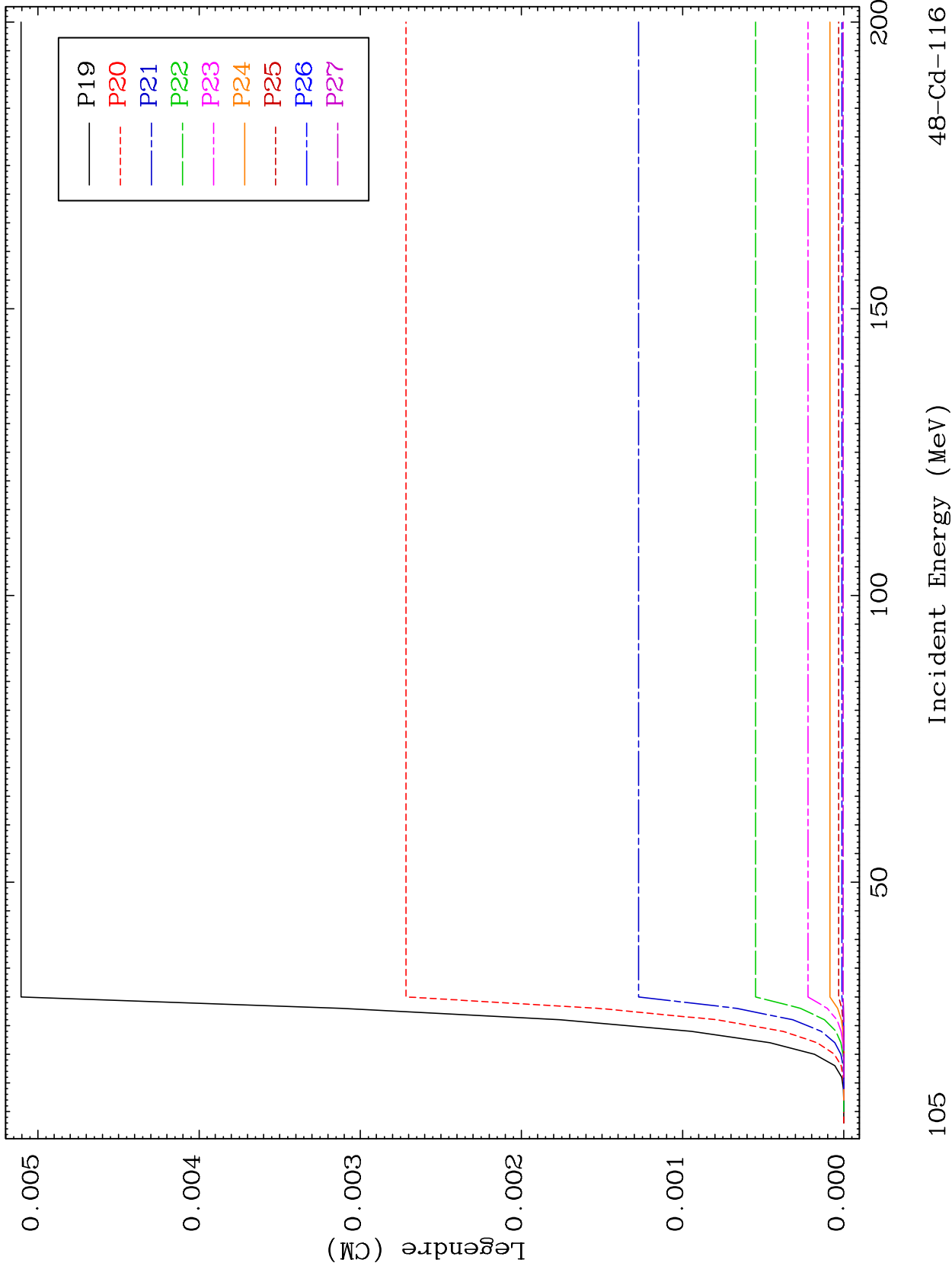
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



105

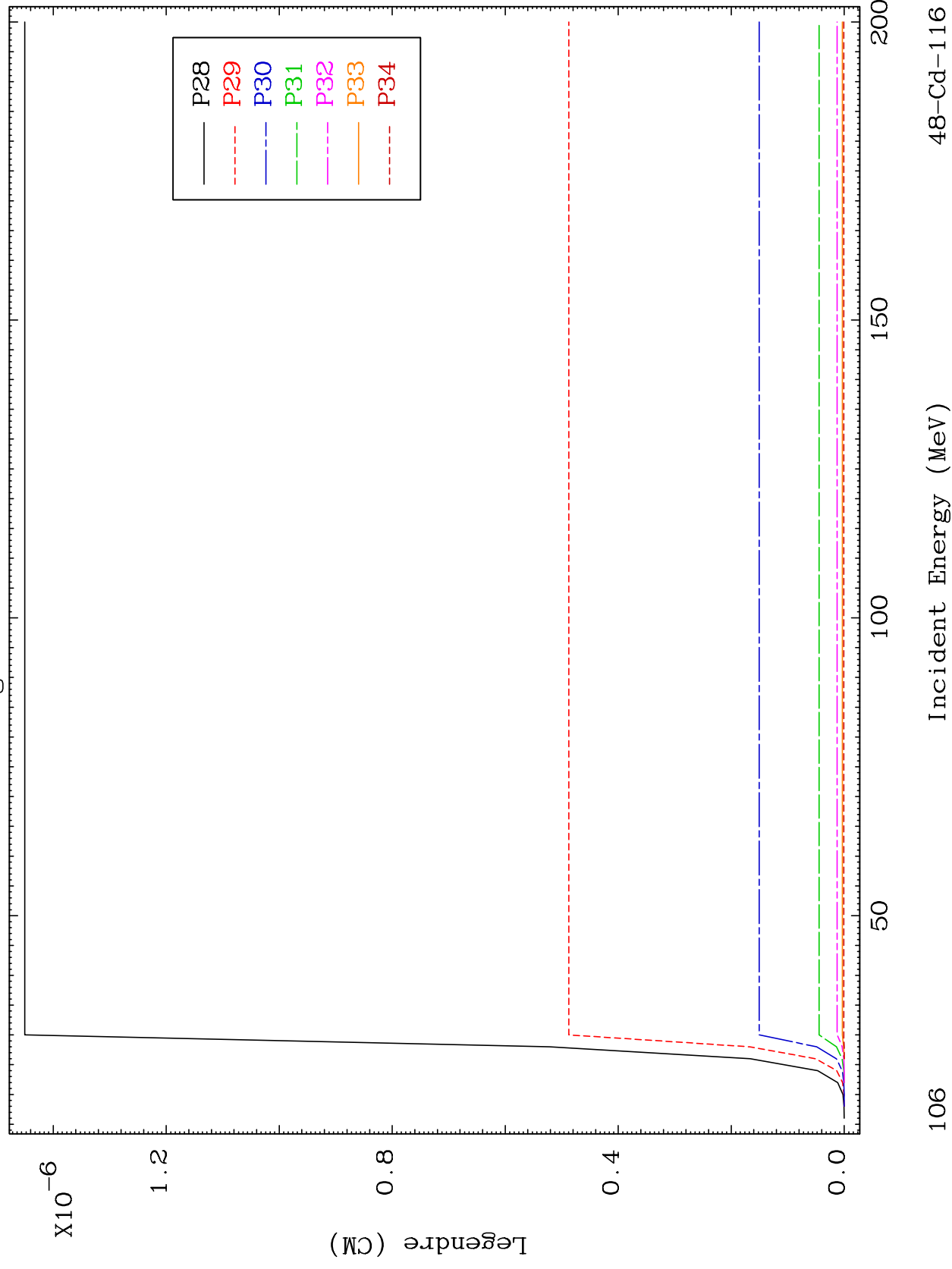
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



106

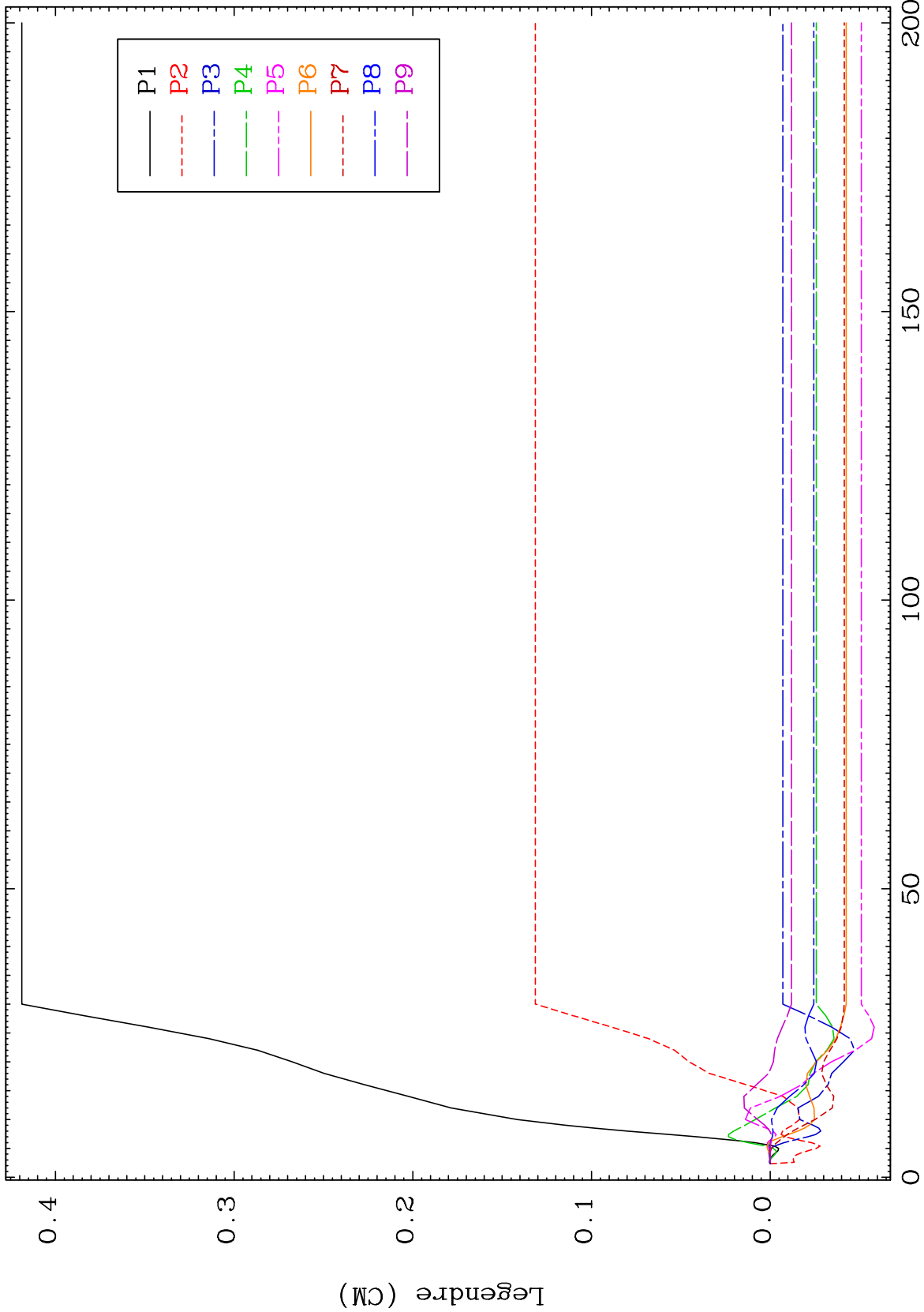
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



107

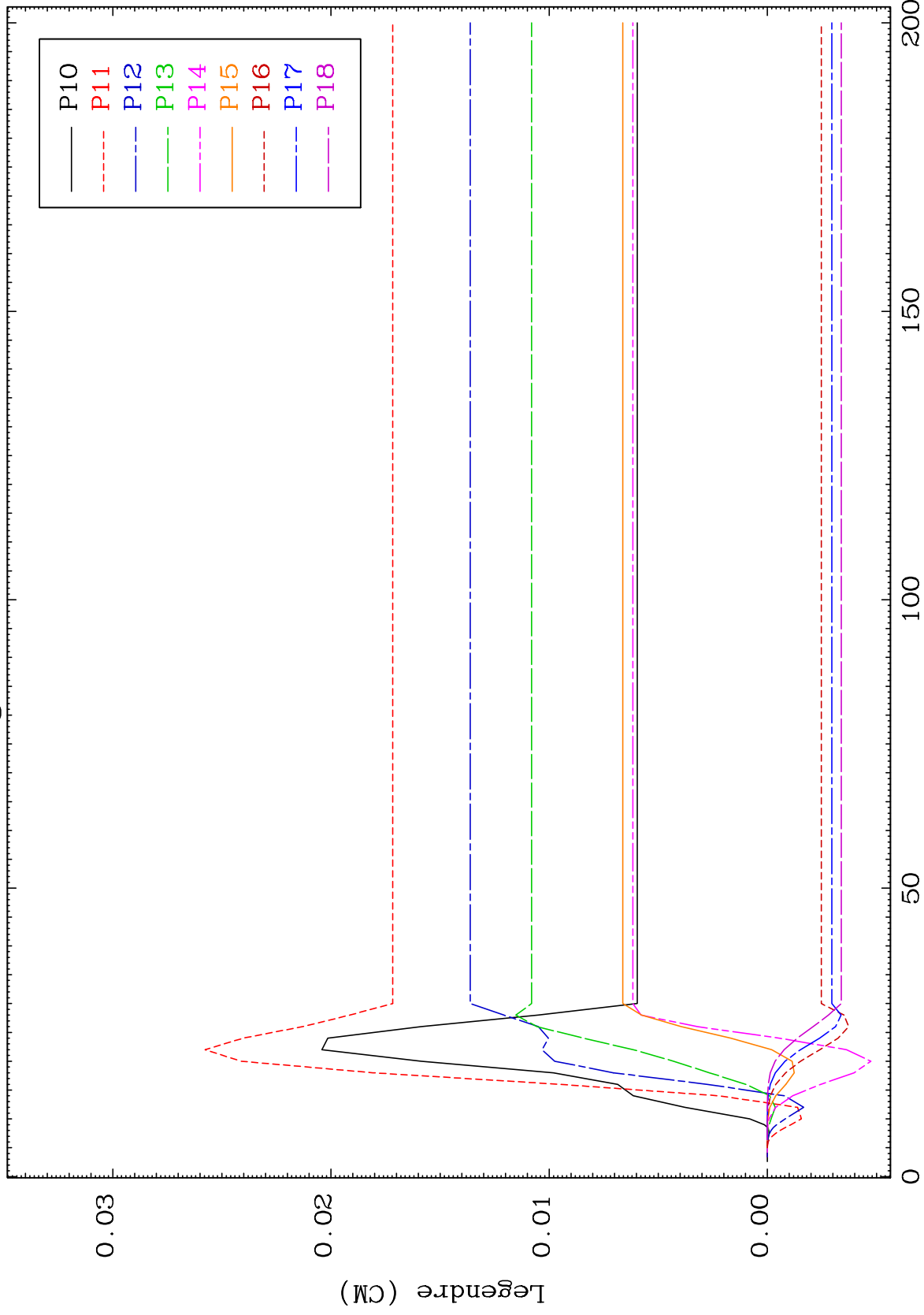
Incident Energy (MeV)

48-Cd-116

MAT 4855

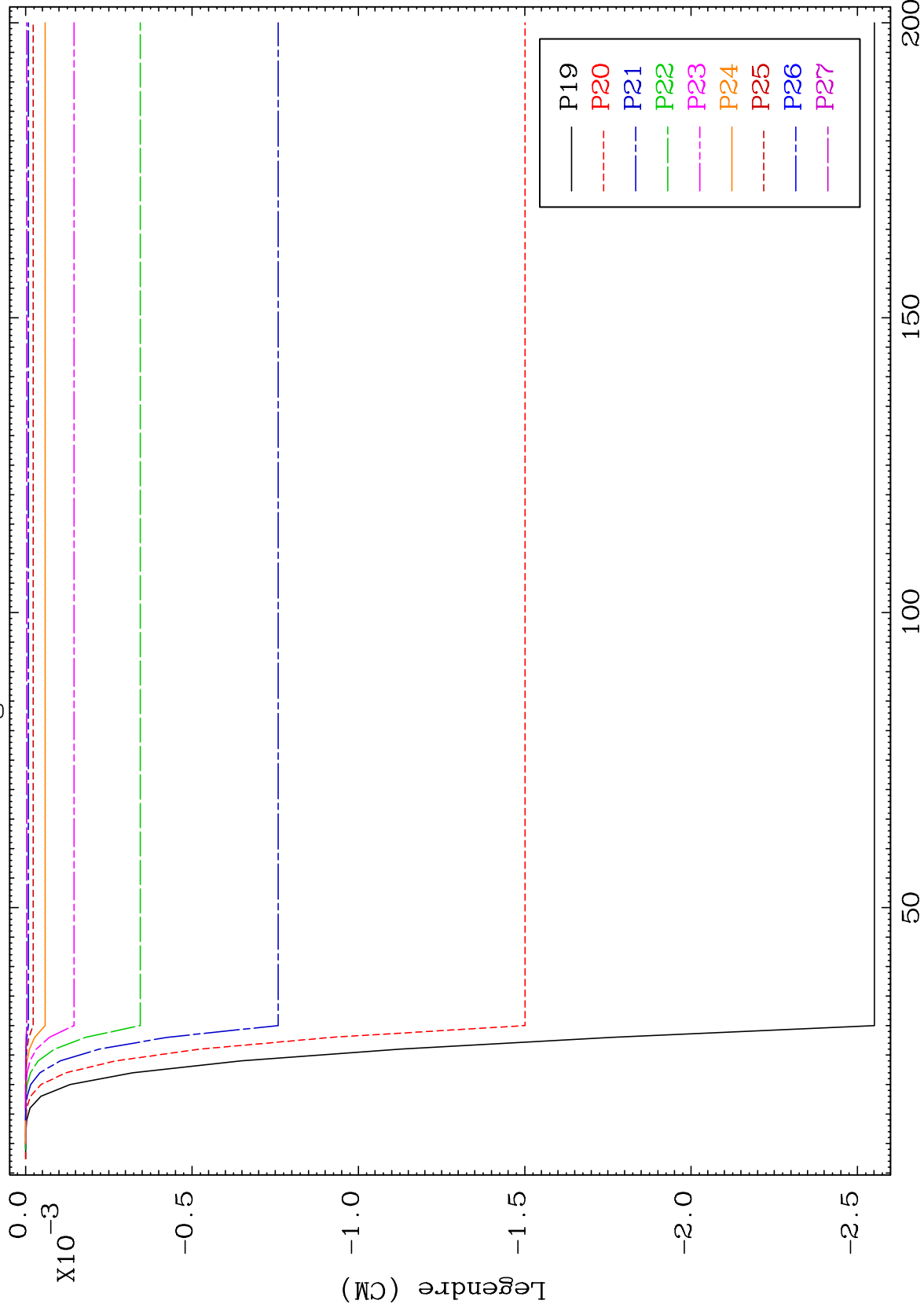
MT= 74 (n,n') Level  
Legendre Coefficients

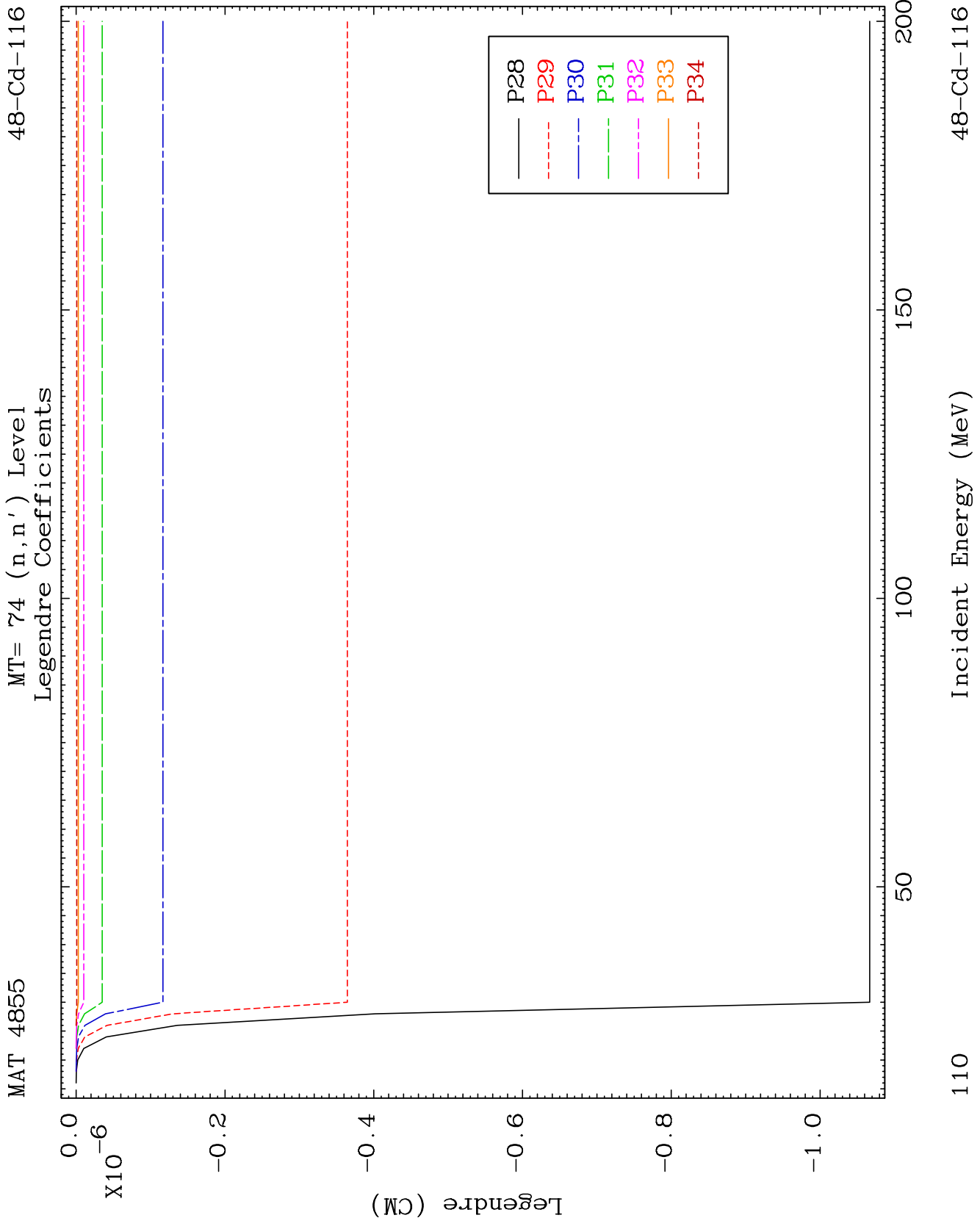
48-Cd-116



108

48-Cd-116

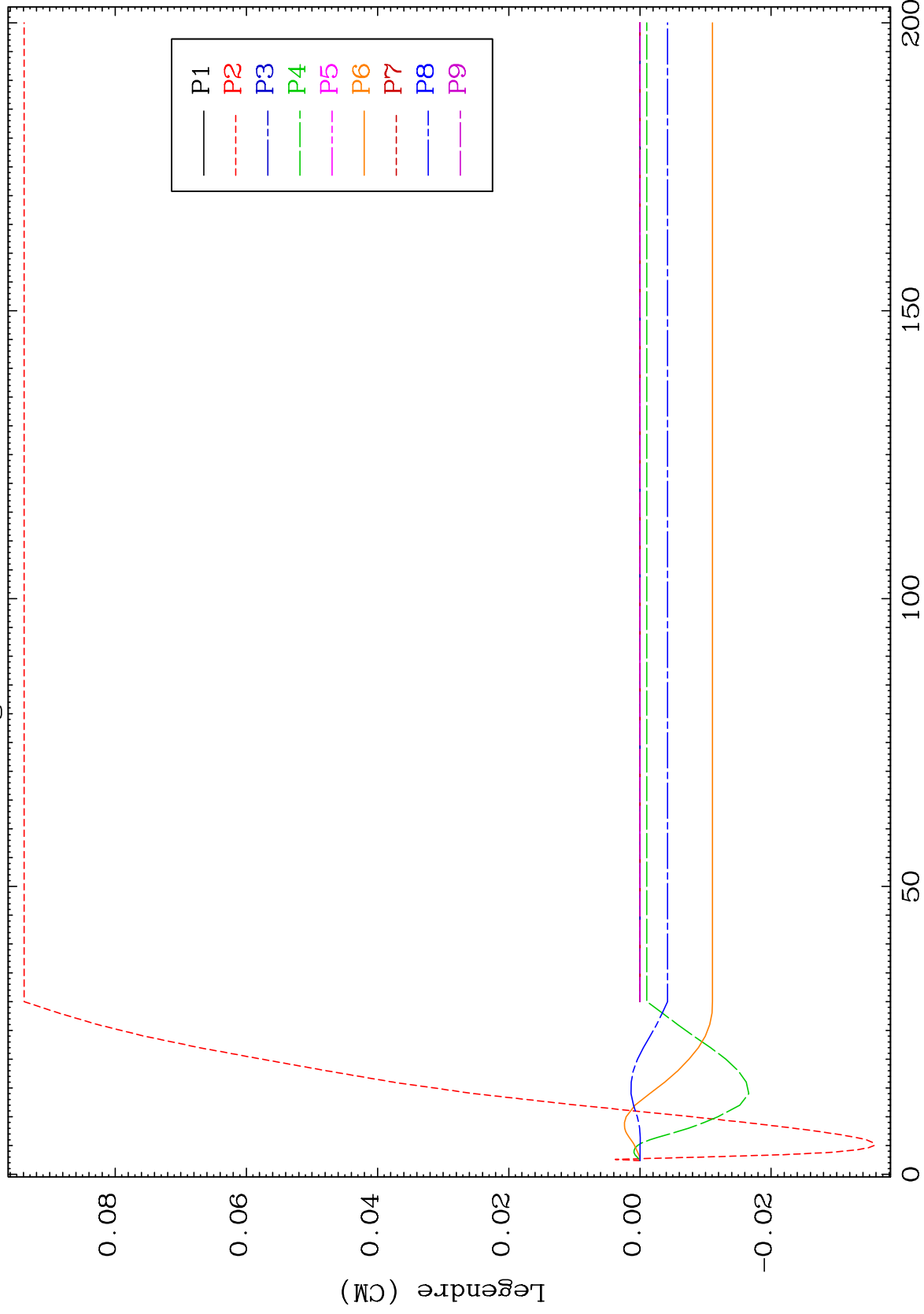




MAT 4855

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

48-Cd-116



111

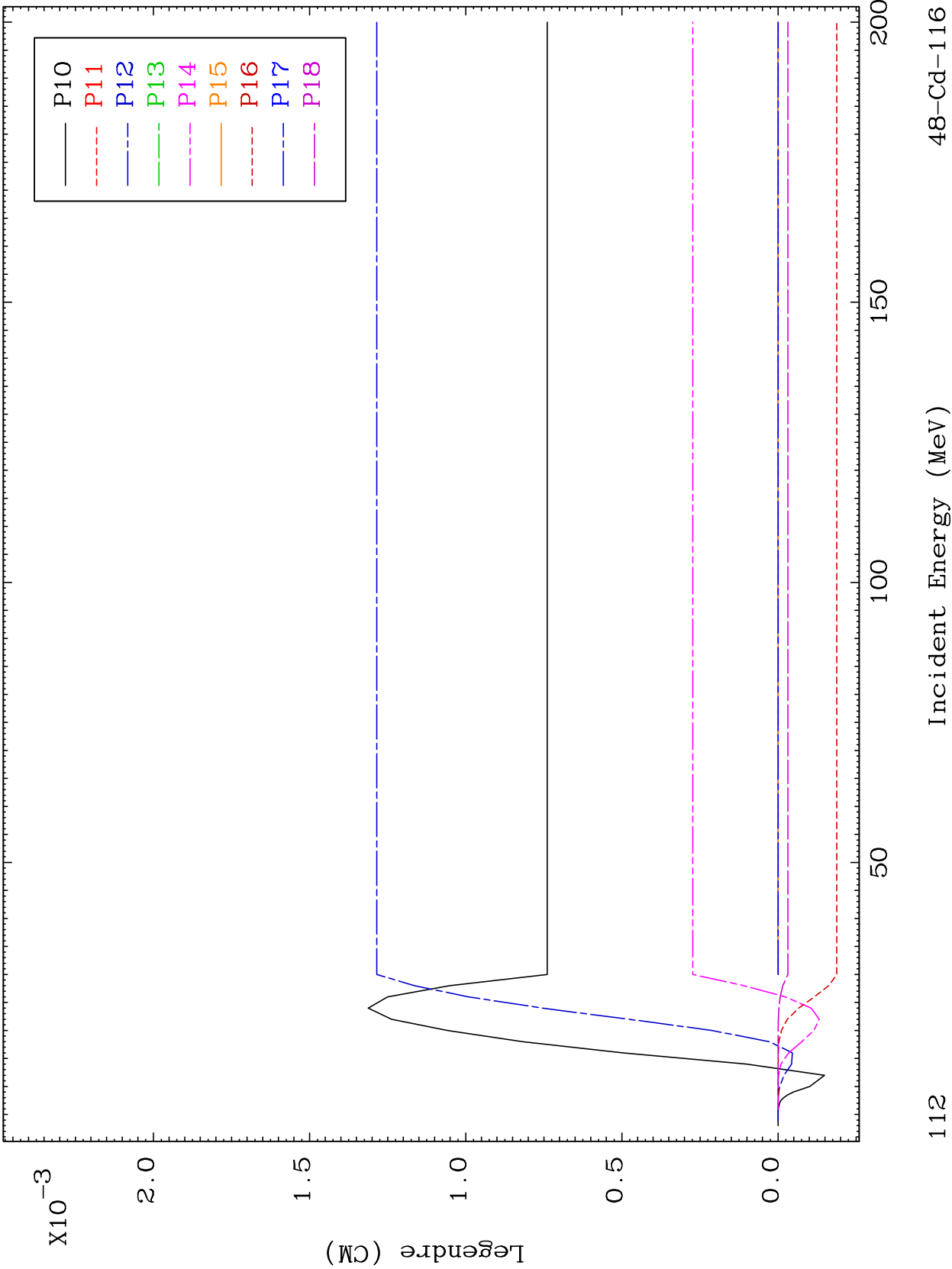
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

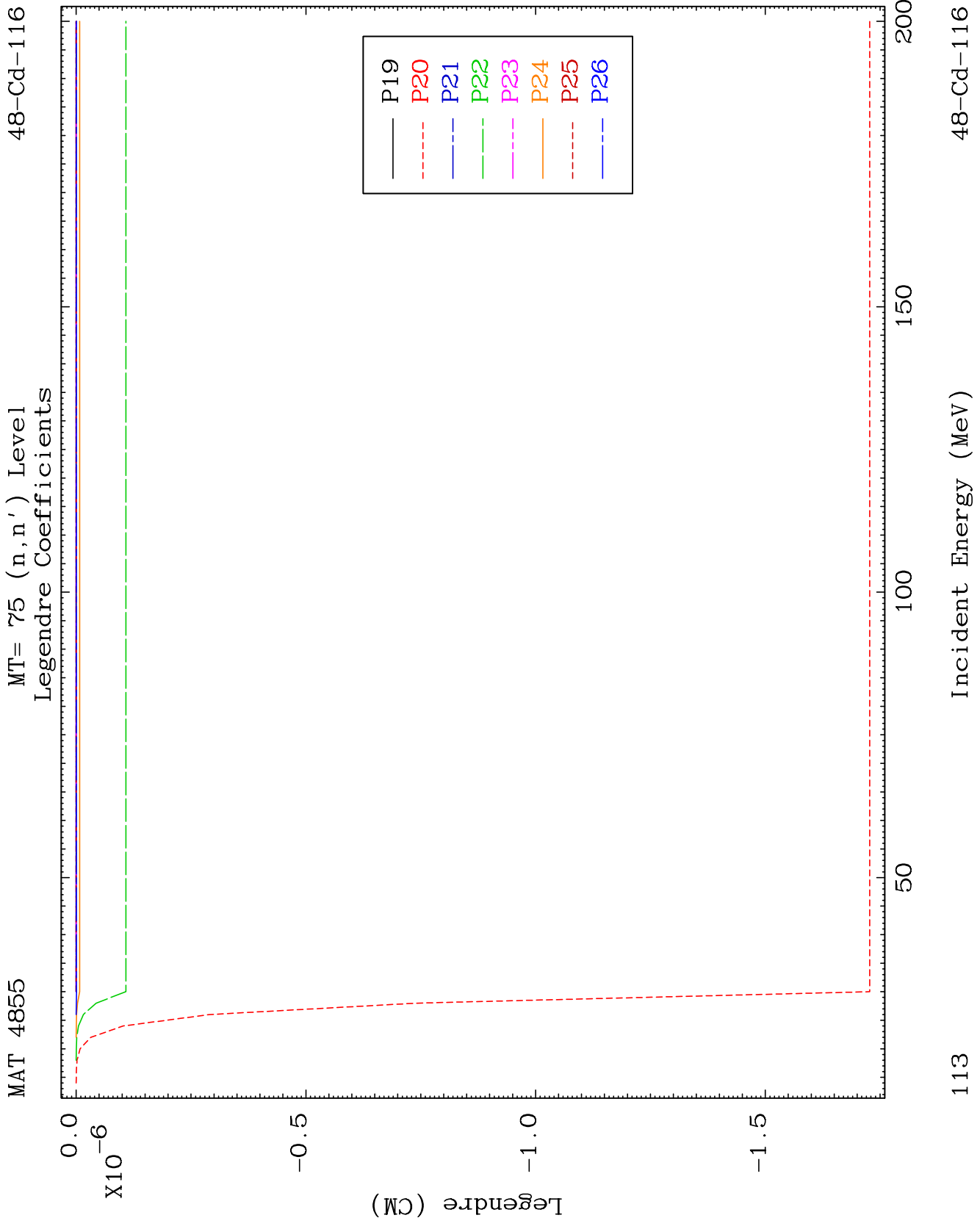
48-Cd-116



112

Incident Energy (MeV)

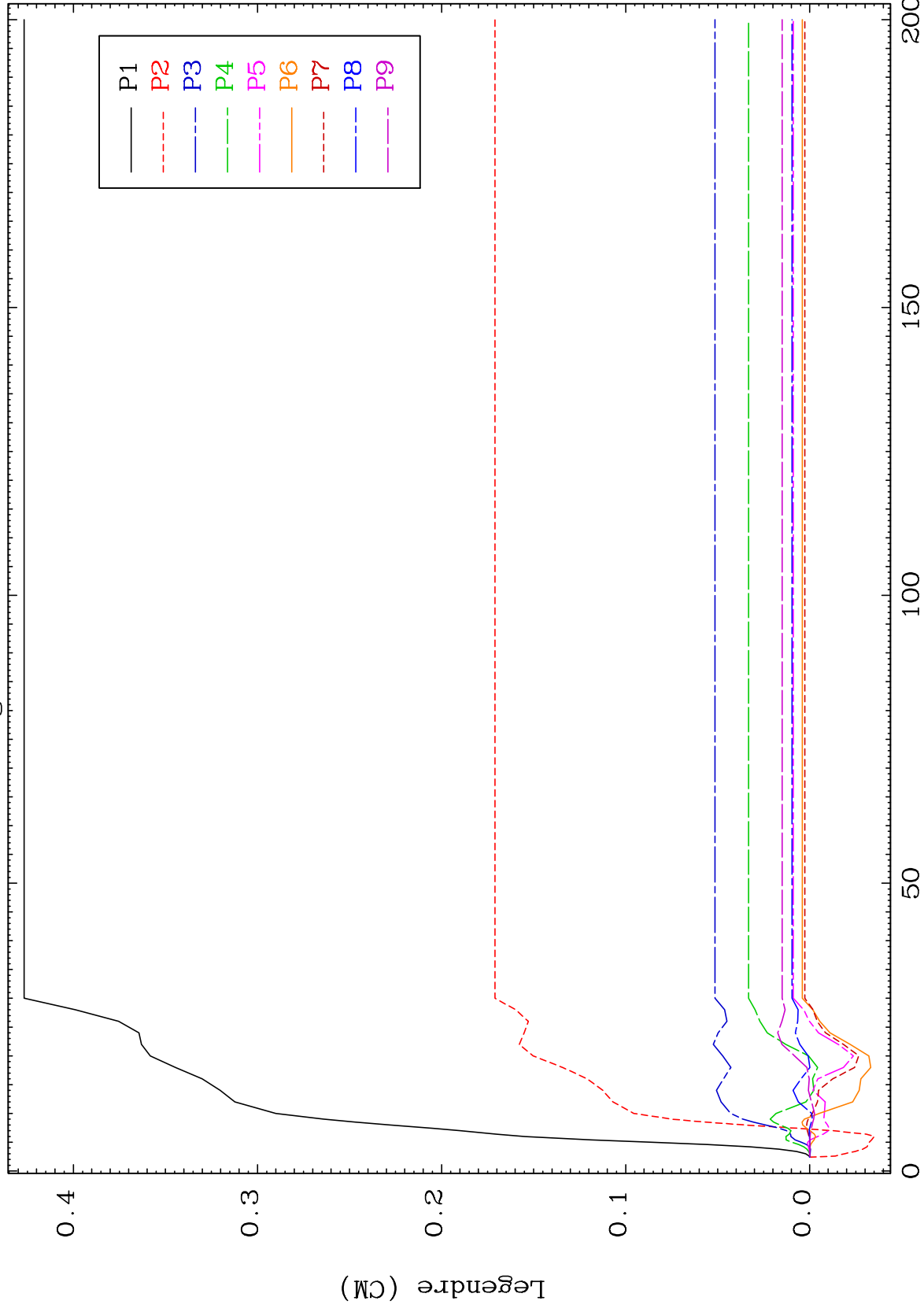
48-Cd-116



MAT 4855

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

48-Cd-116



114

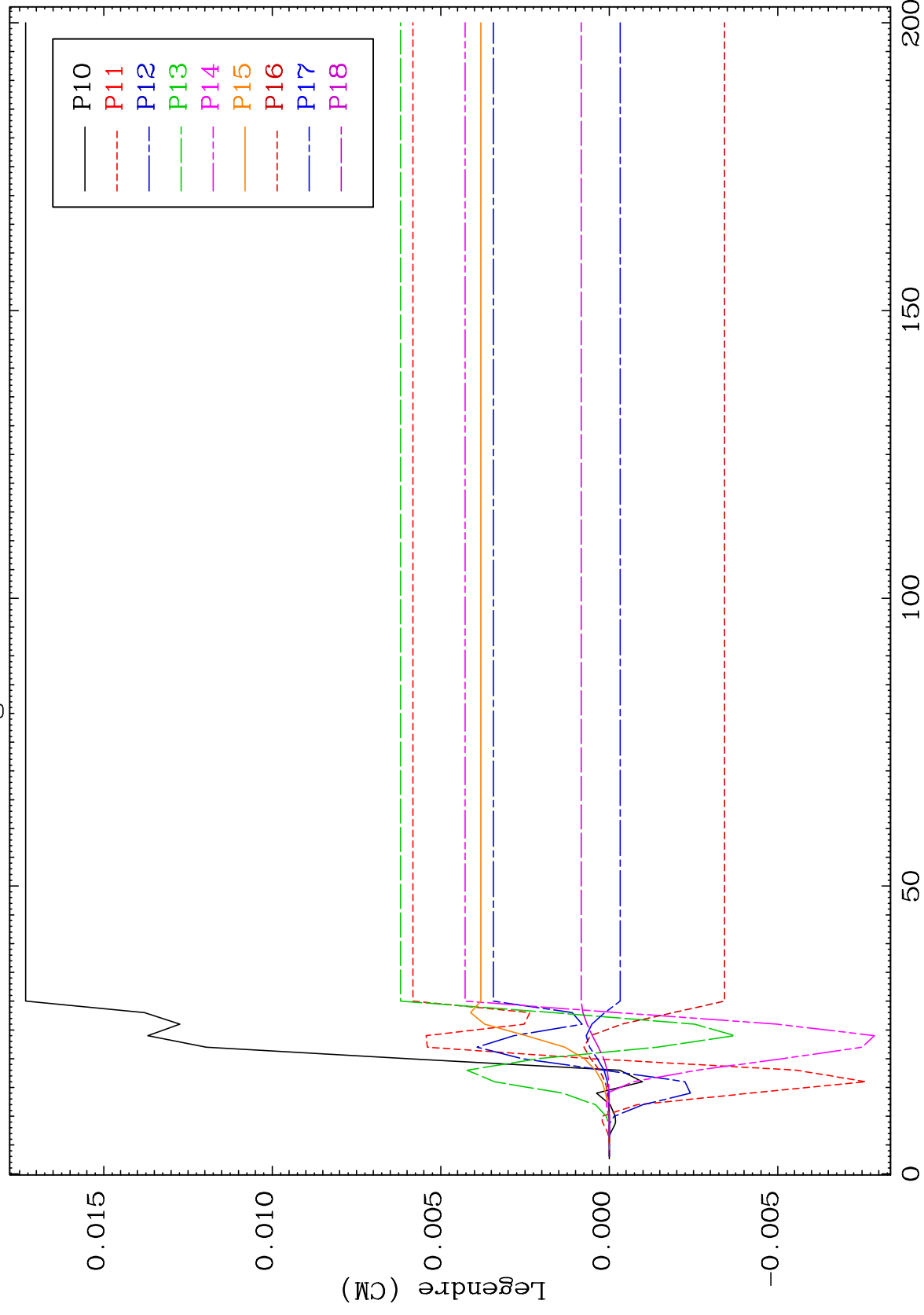
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



115

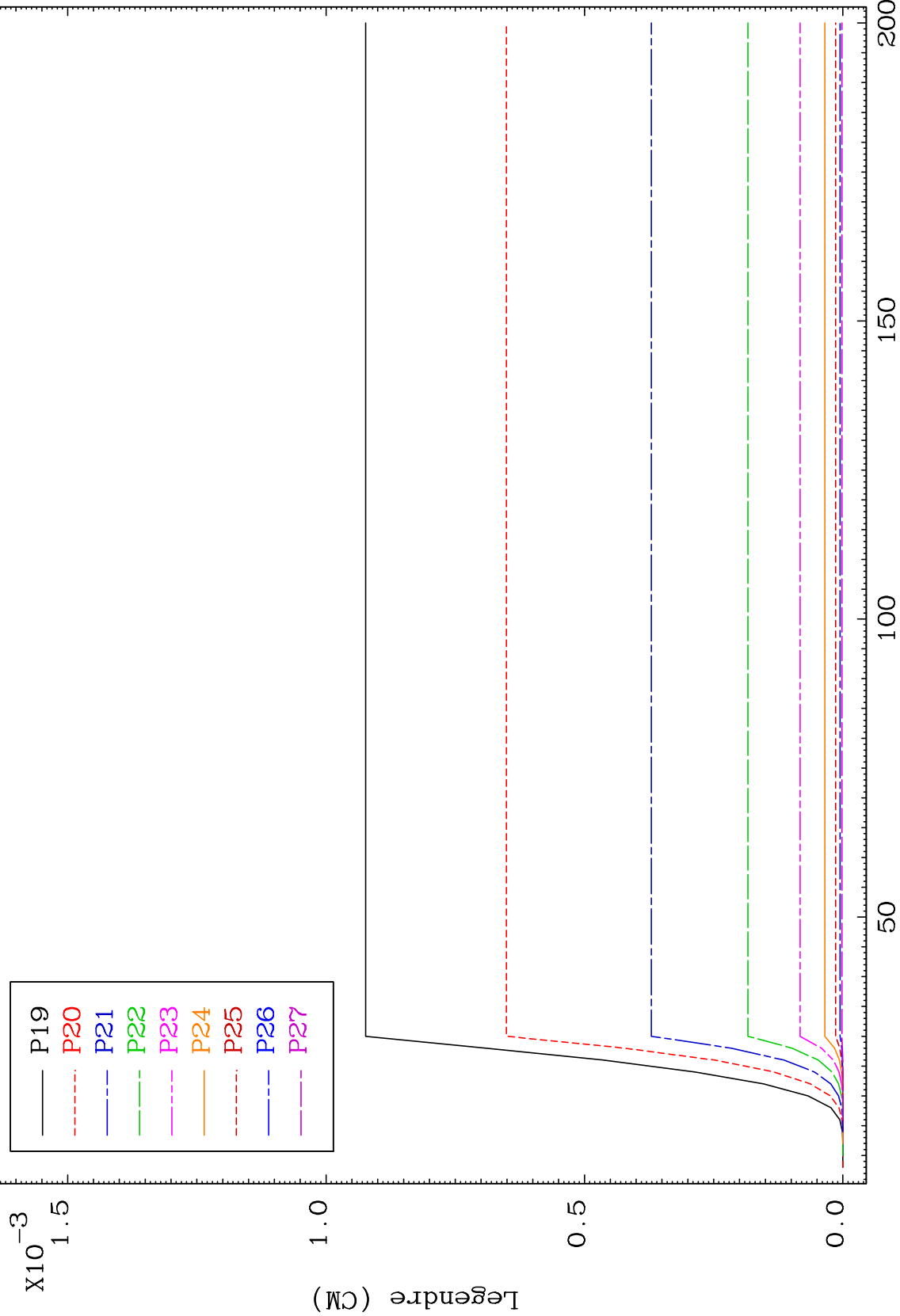
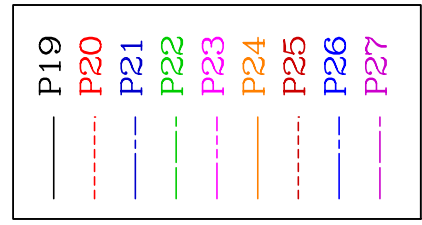
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



116

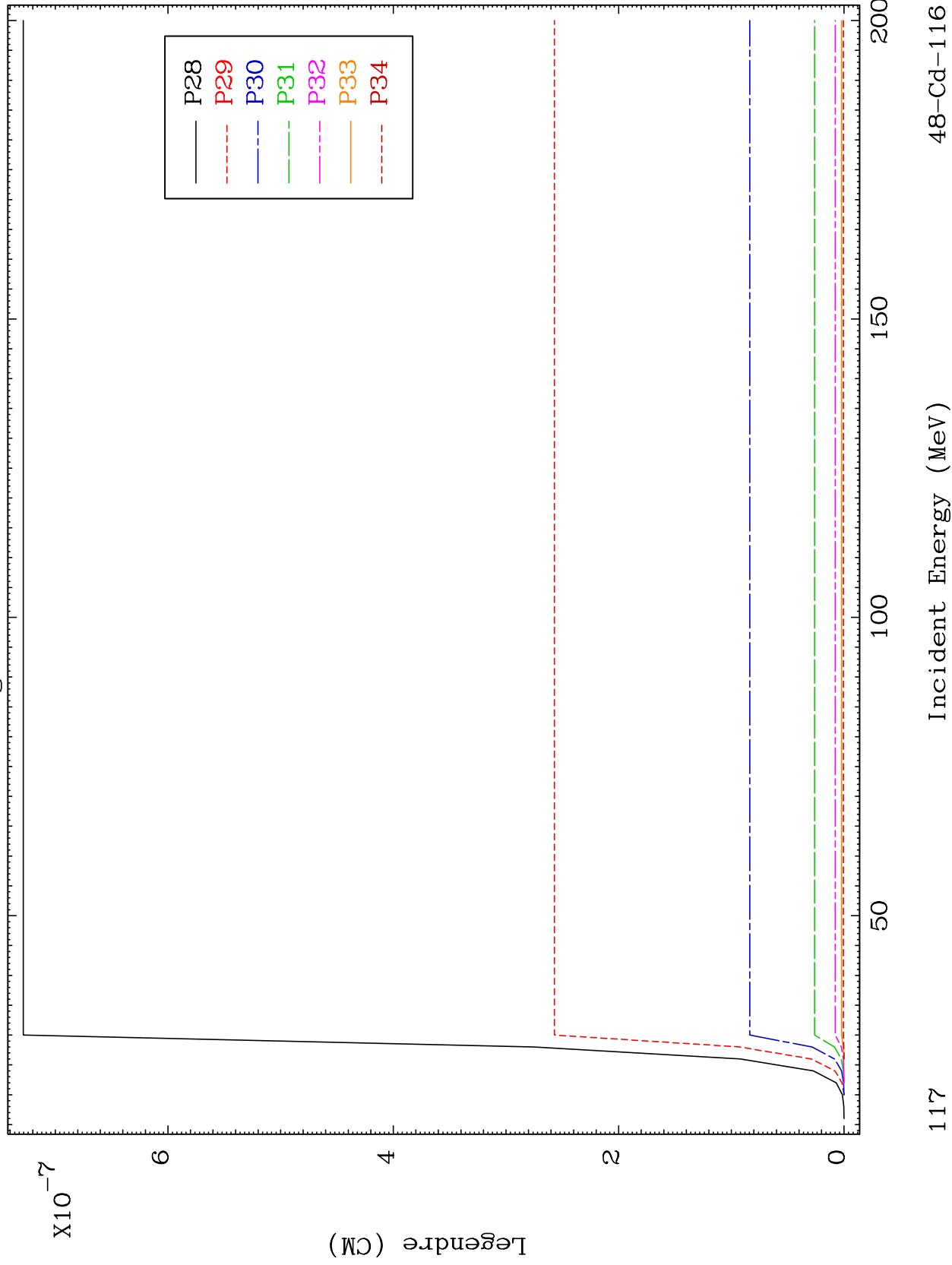
Incident Energy (MeV)

48-Cd-116

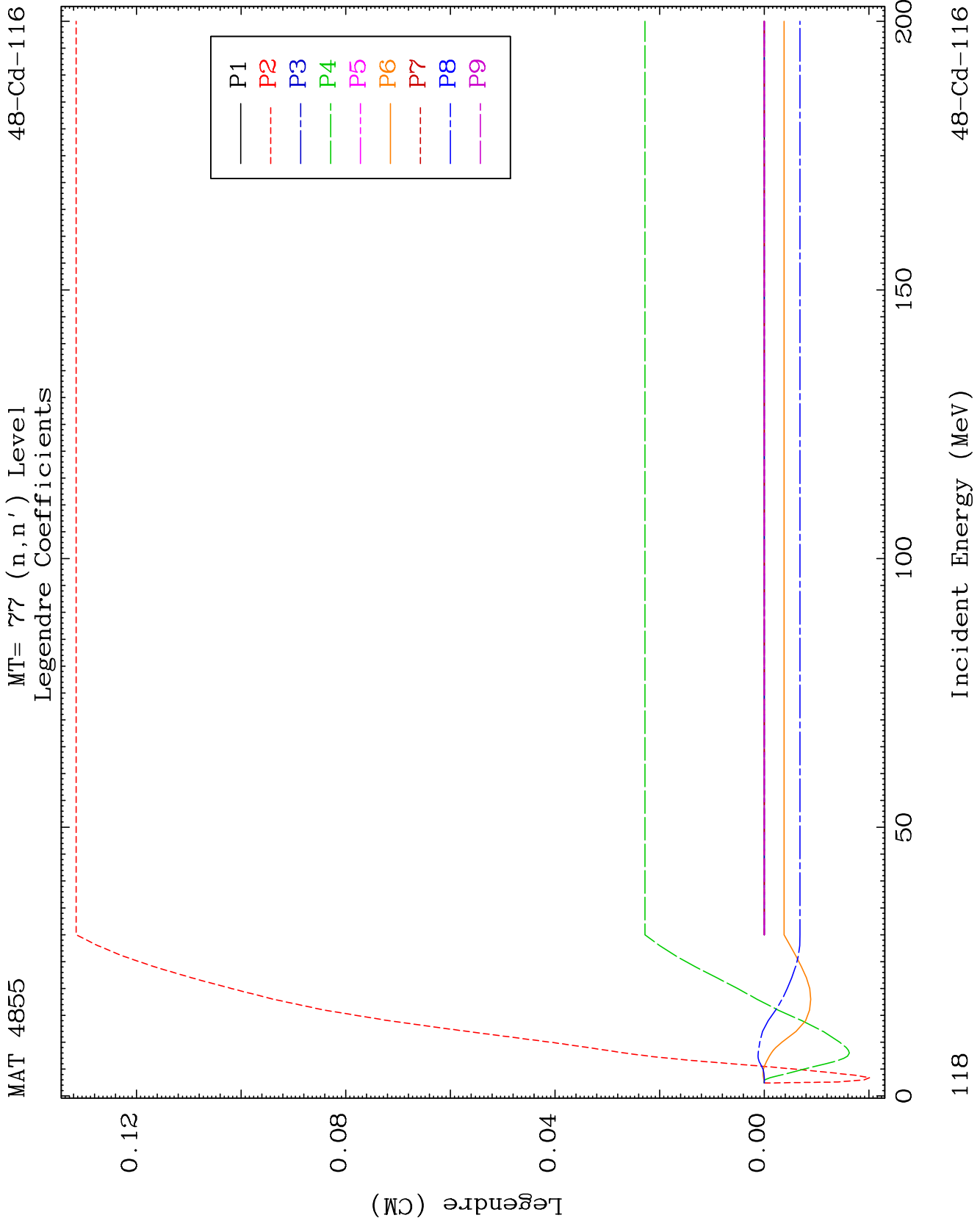
MAT 4855

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

48-Cd-116



117



48-Cd-116

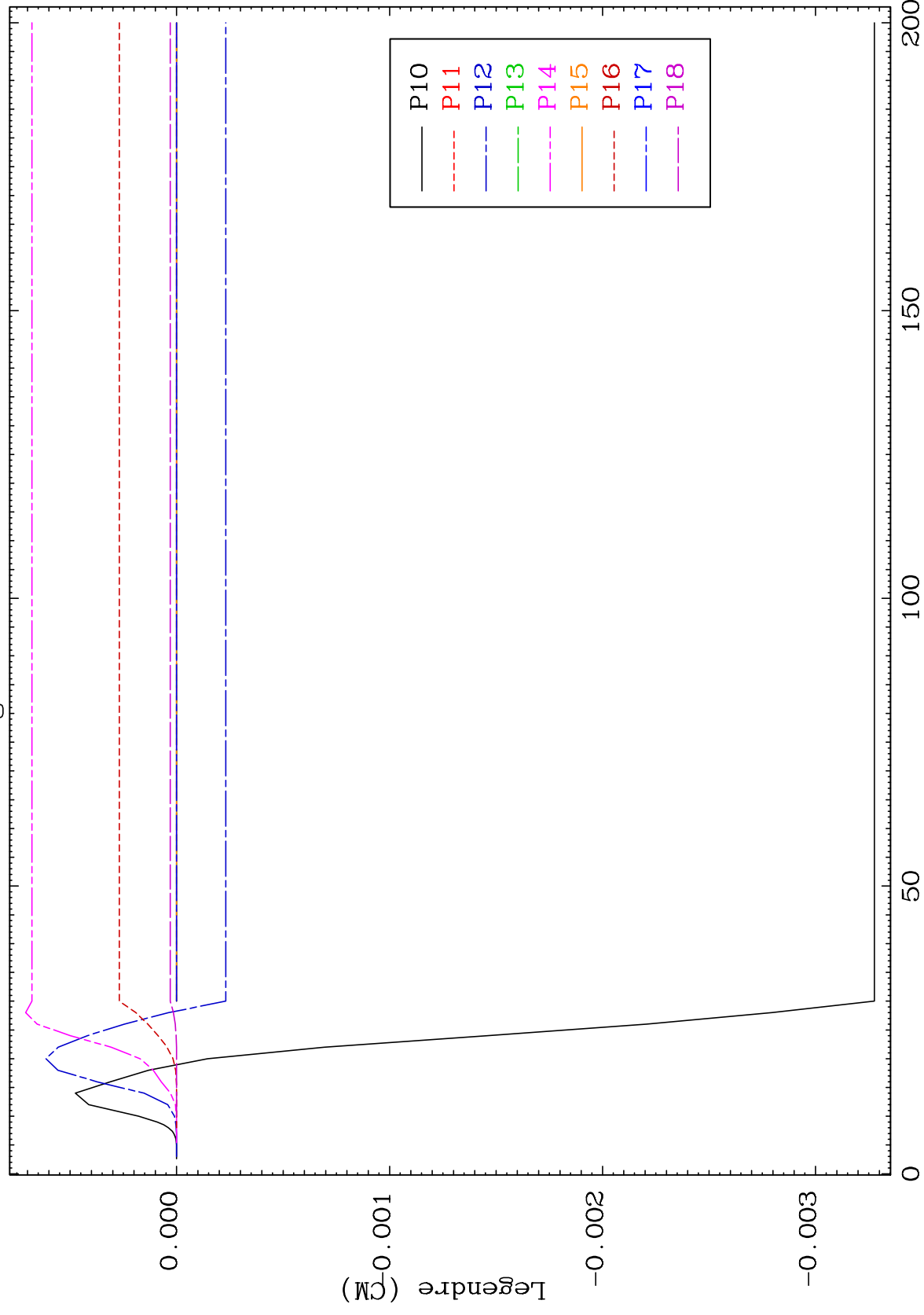
Incident Energy (MeV)

118

MAT 4855

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

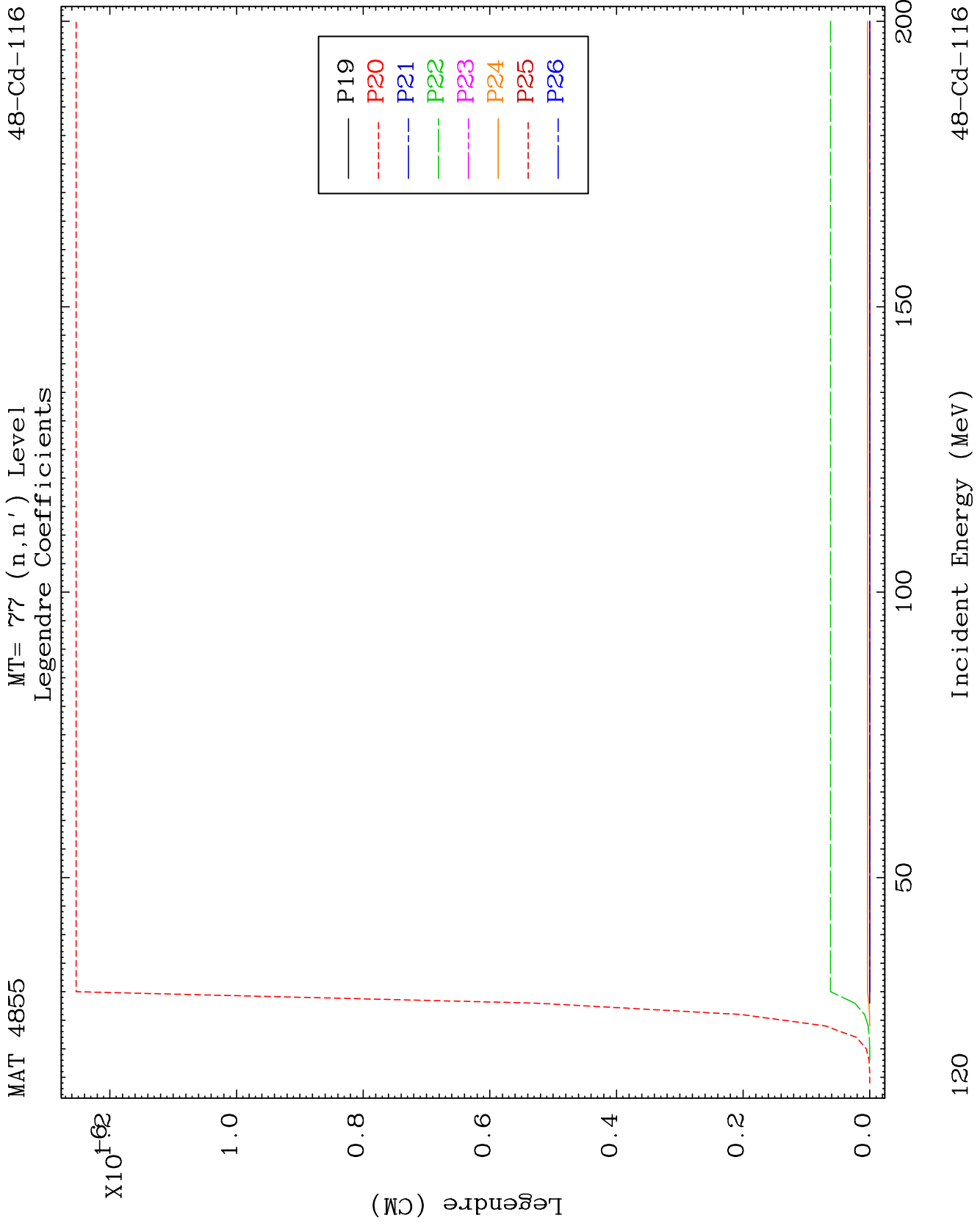
48-Cd-116



119

Incident Energy (MeV)

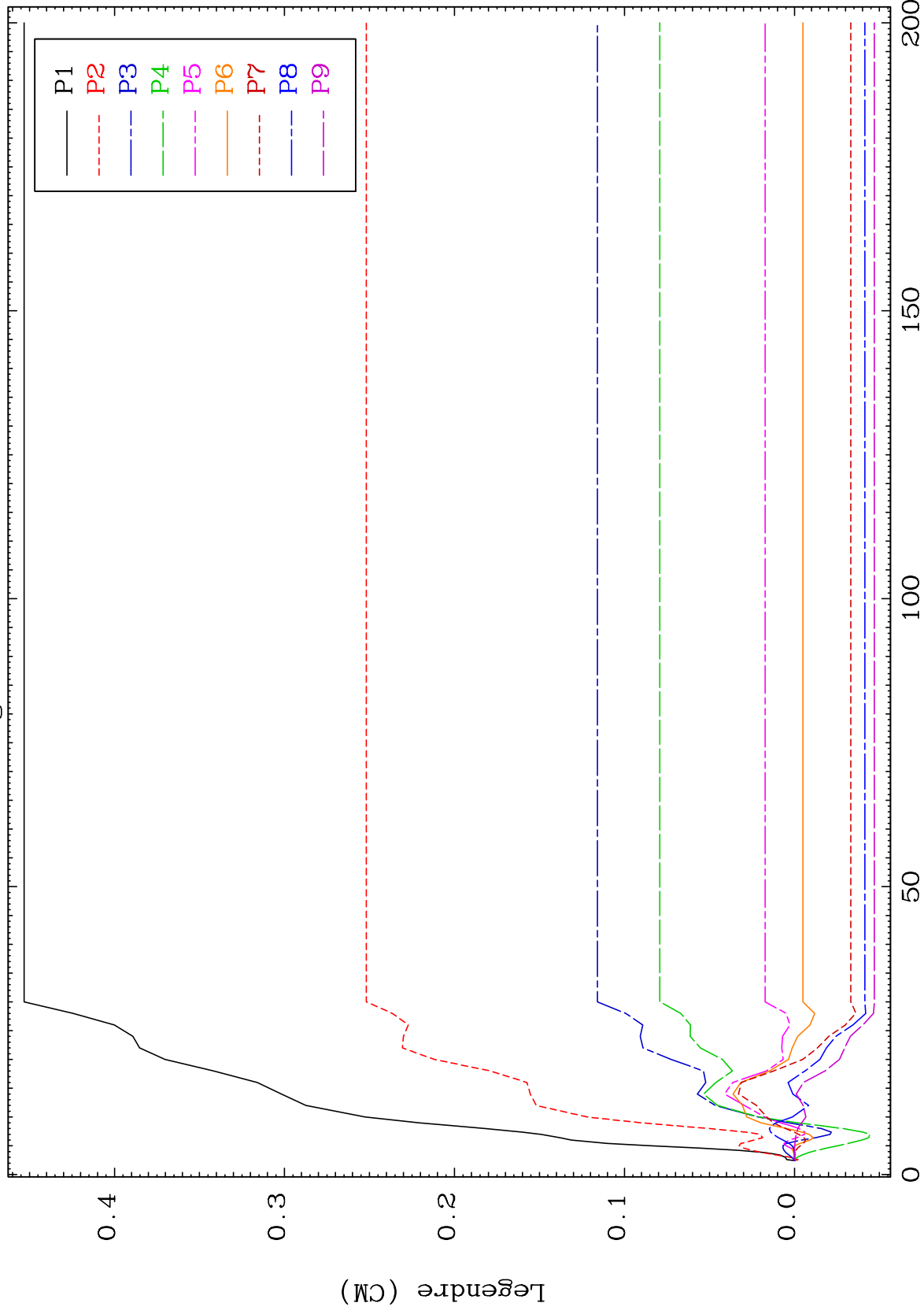
48-Cd-116



MAT 4855

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

48-Cd-116



121

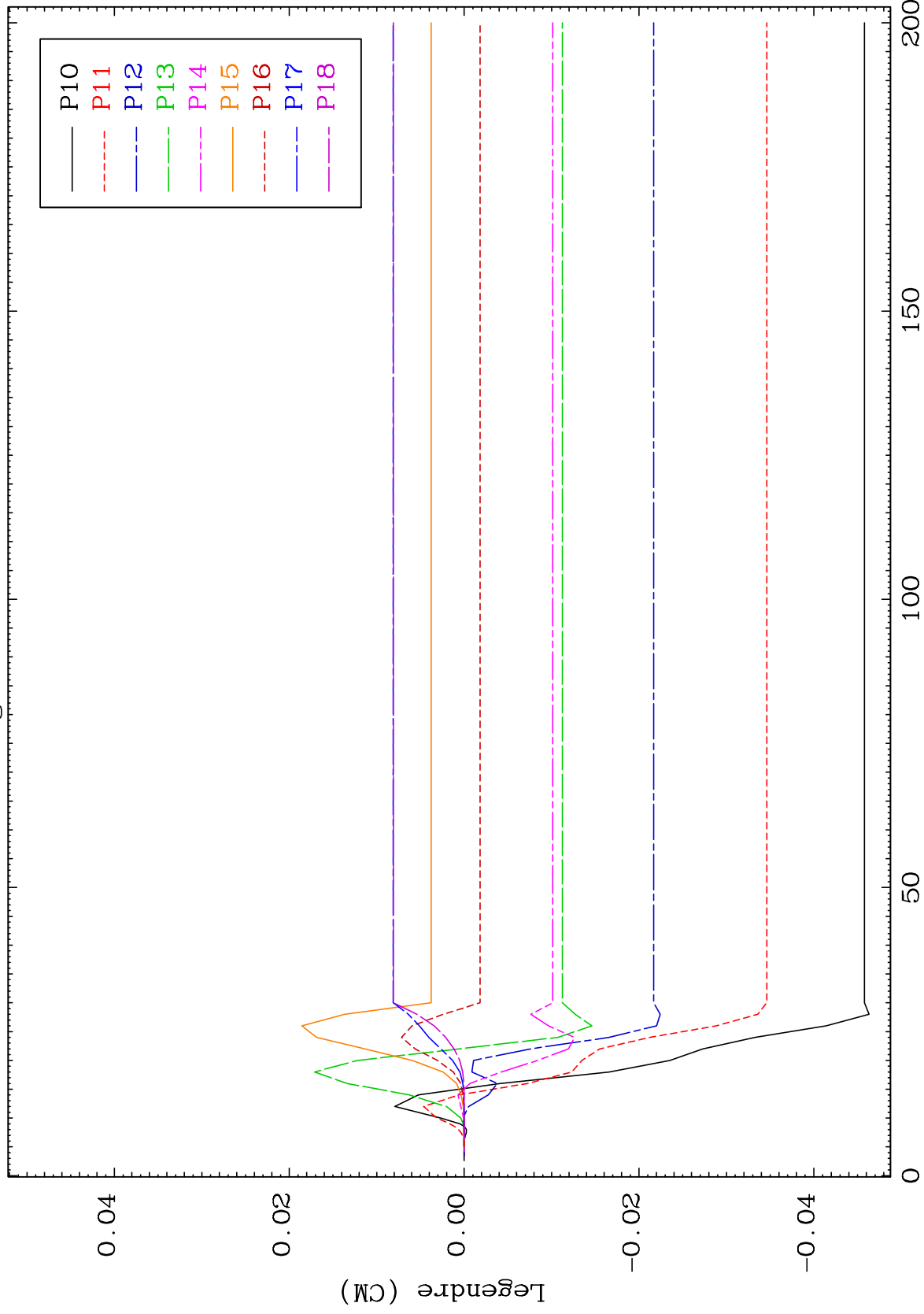
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



122

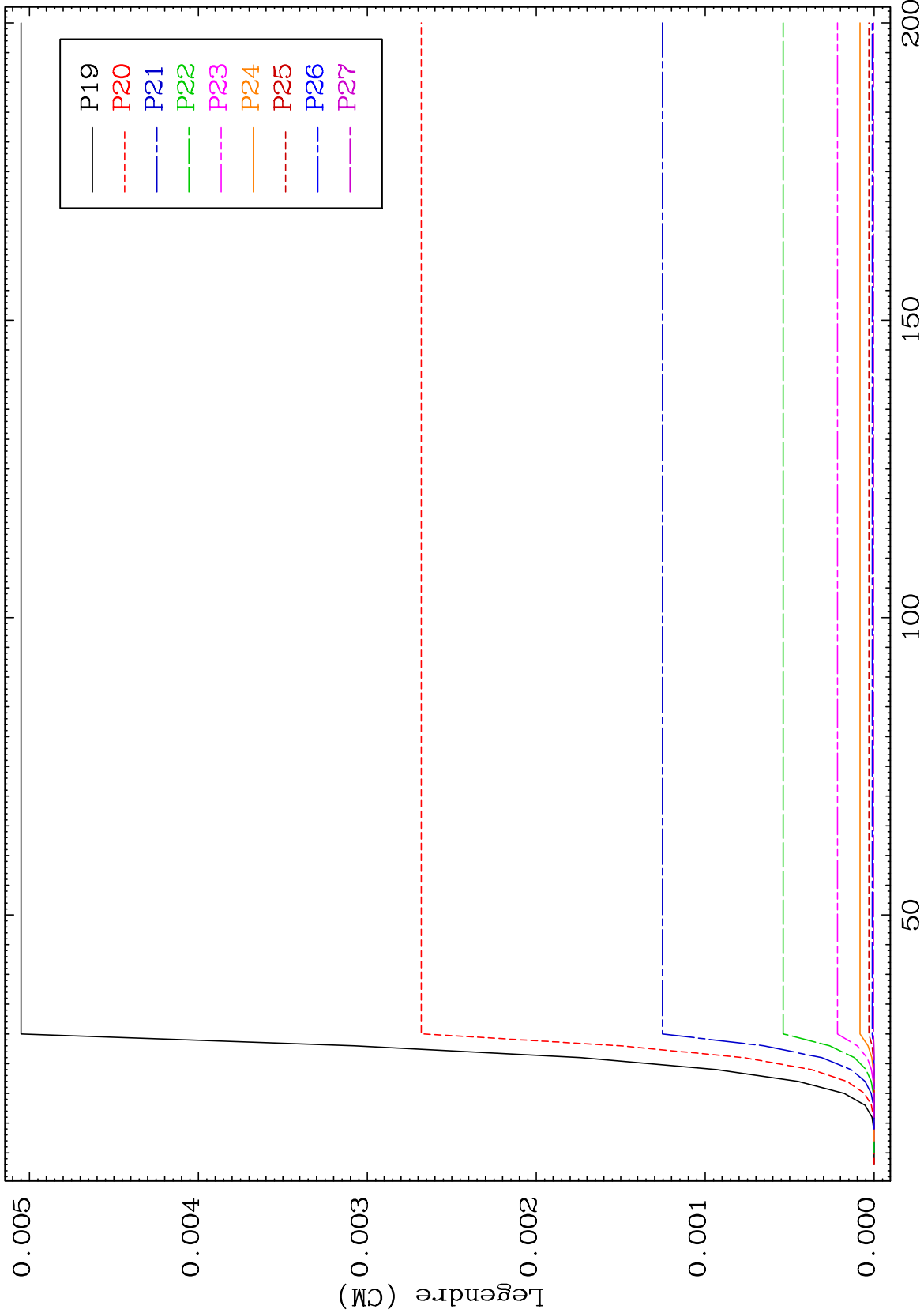
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



123

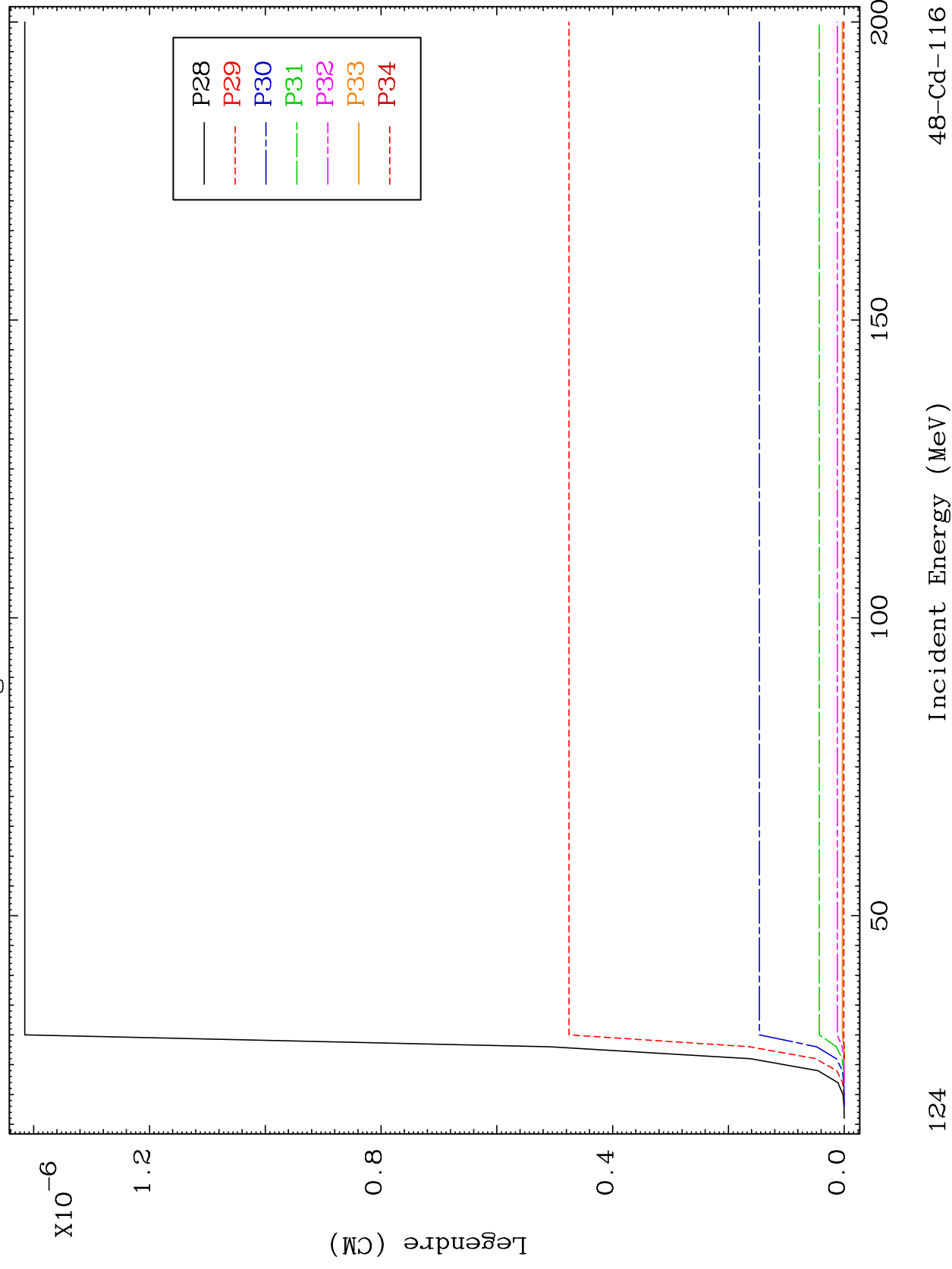
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

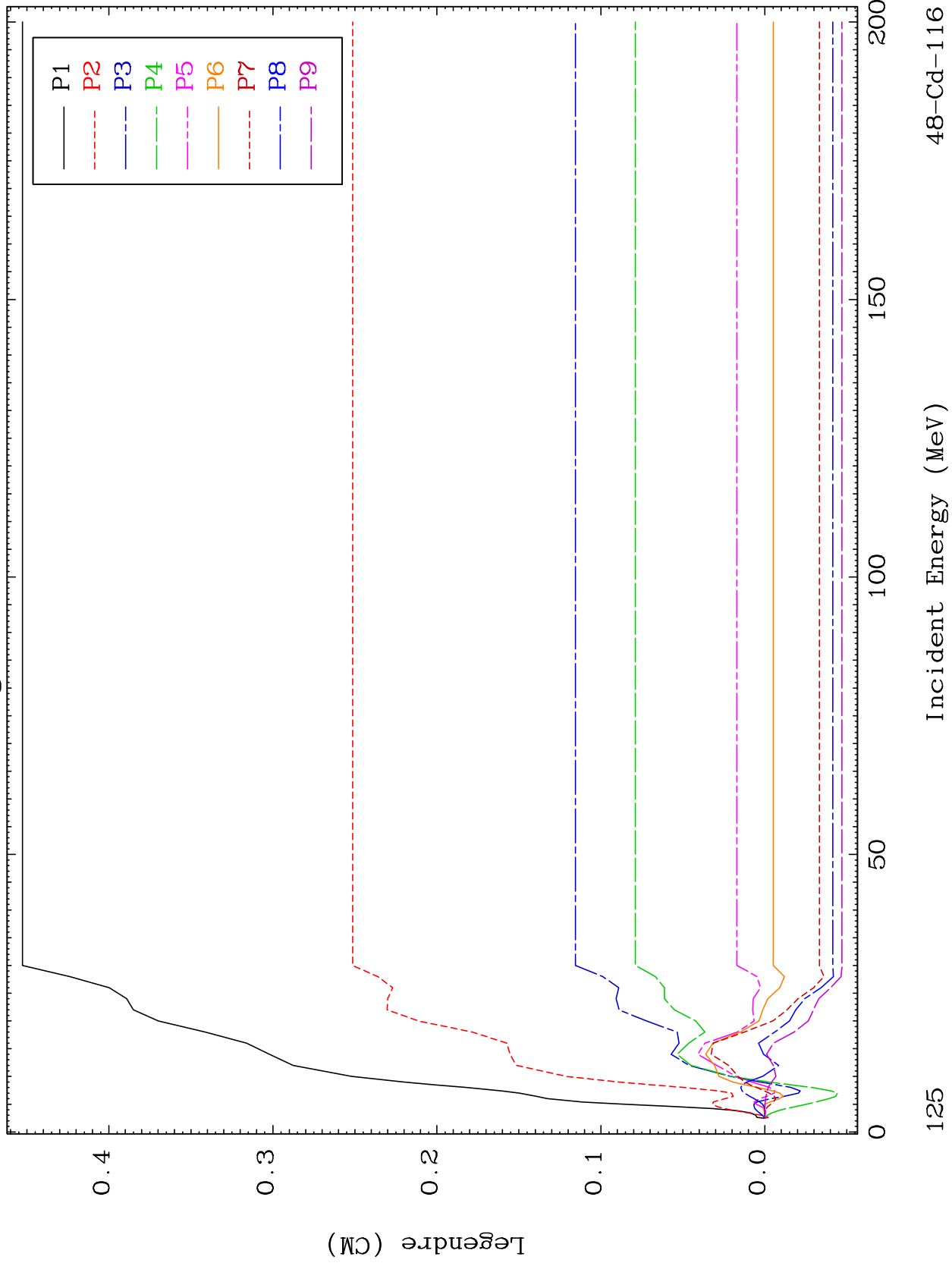


124

MAT 4855

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

48-Cd-116



48-Cd-116

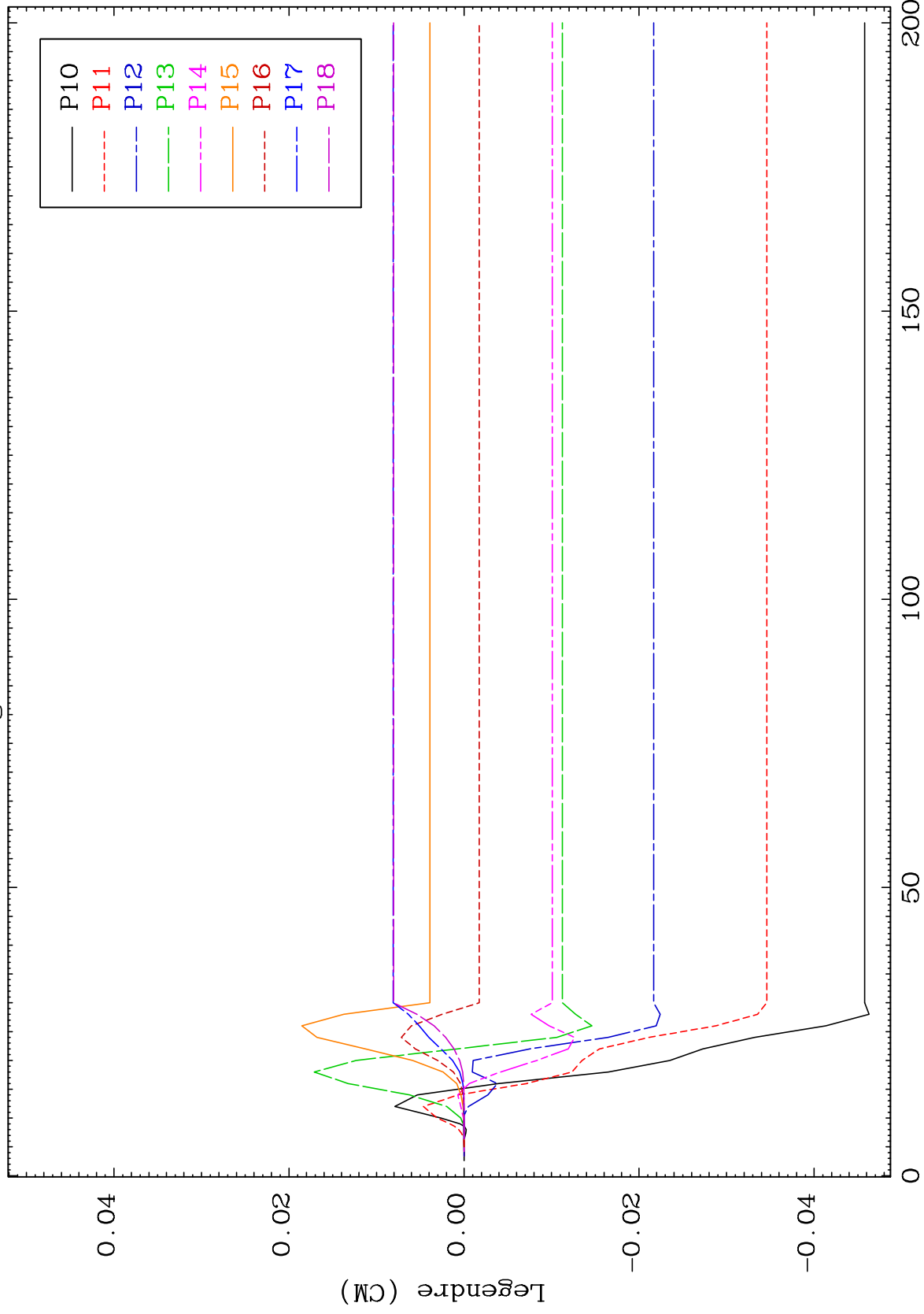
Incident Energy (MeV)

125

MAT 4855

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

48-Cd-116



126

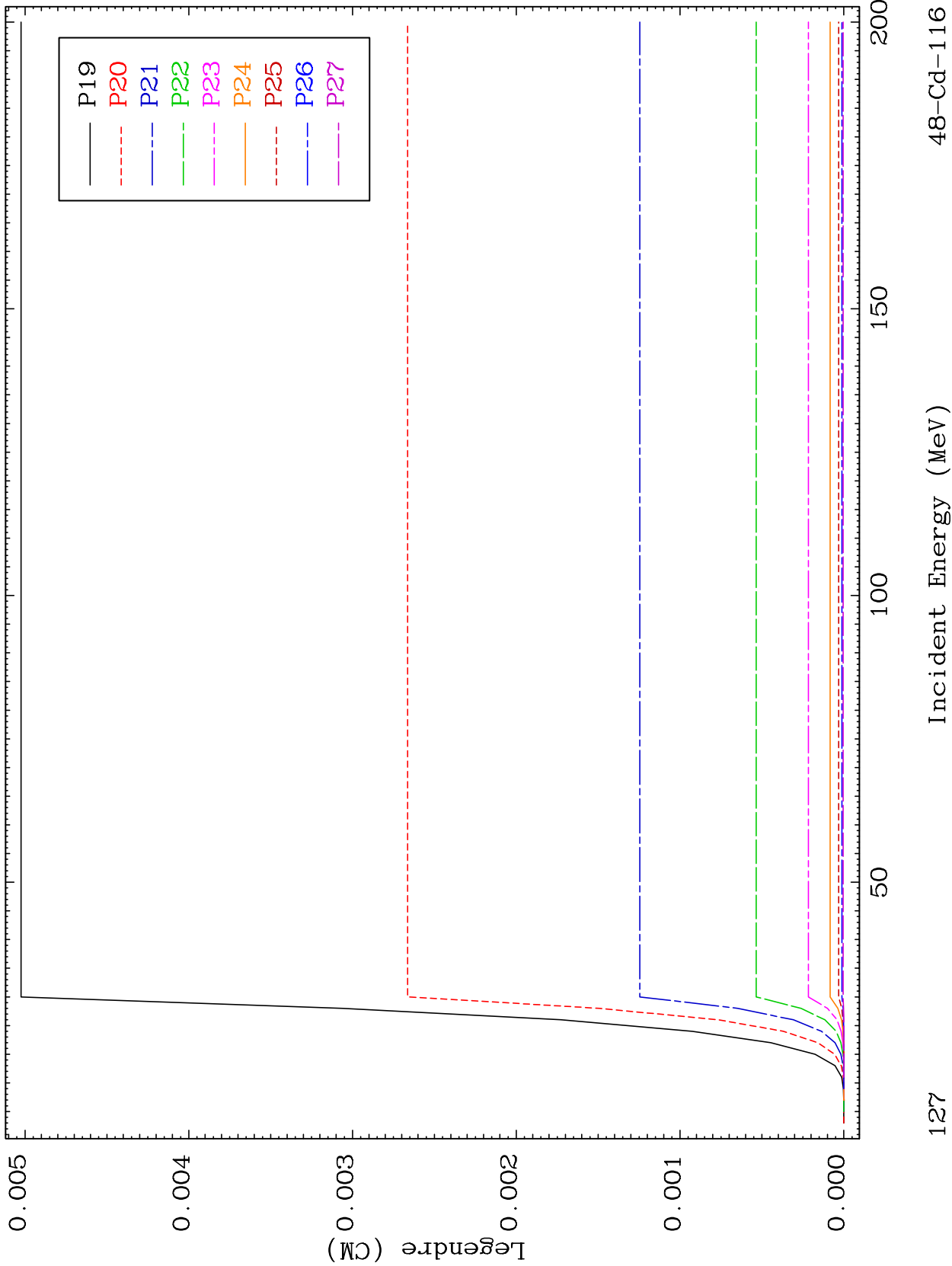
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116

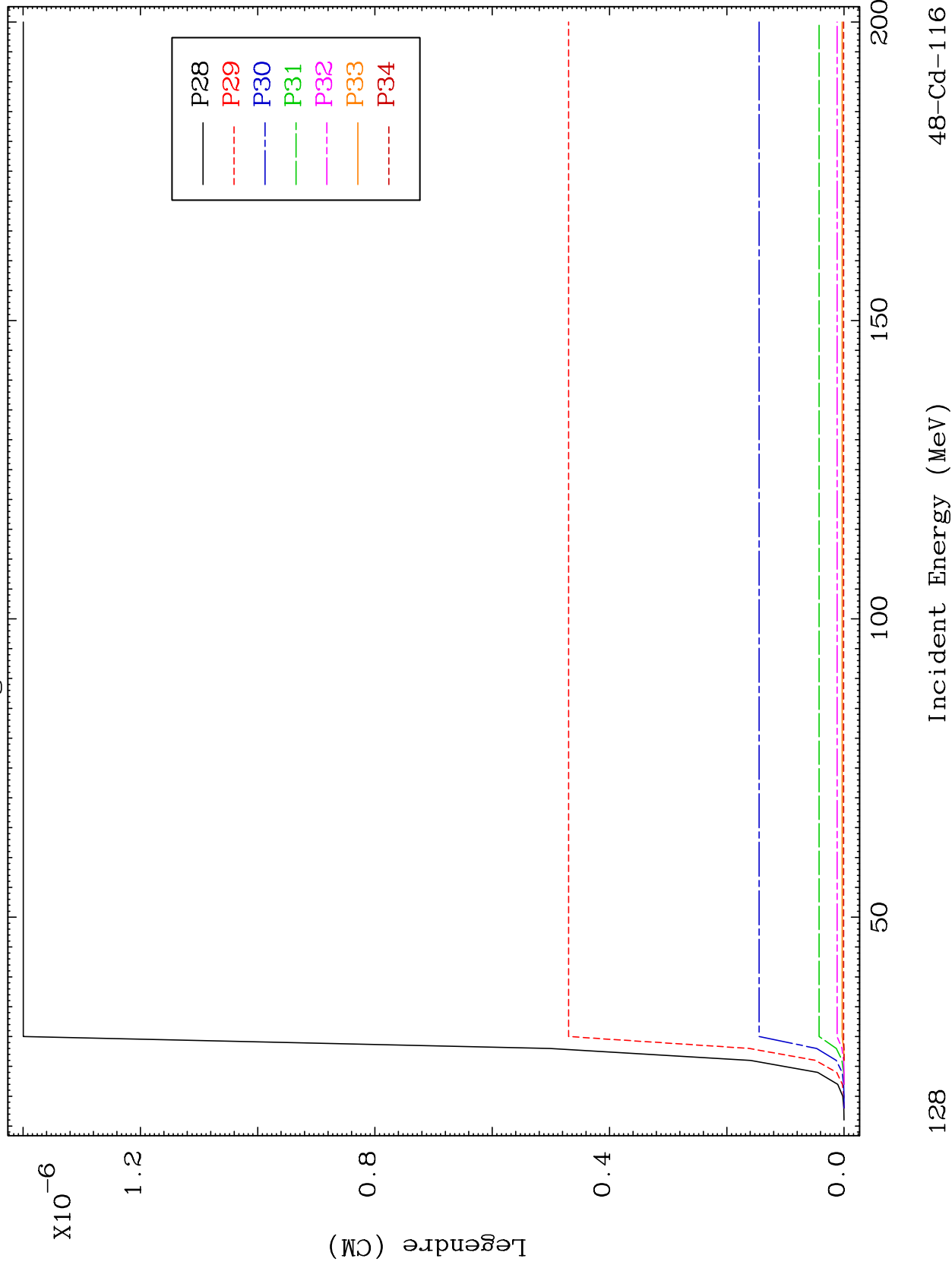


127

MAT 4855

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

48-Cd-116



128

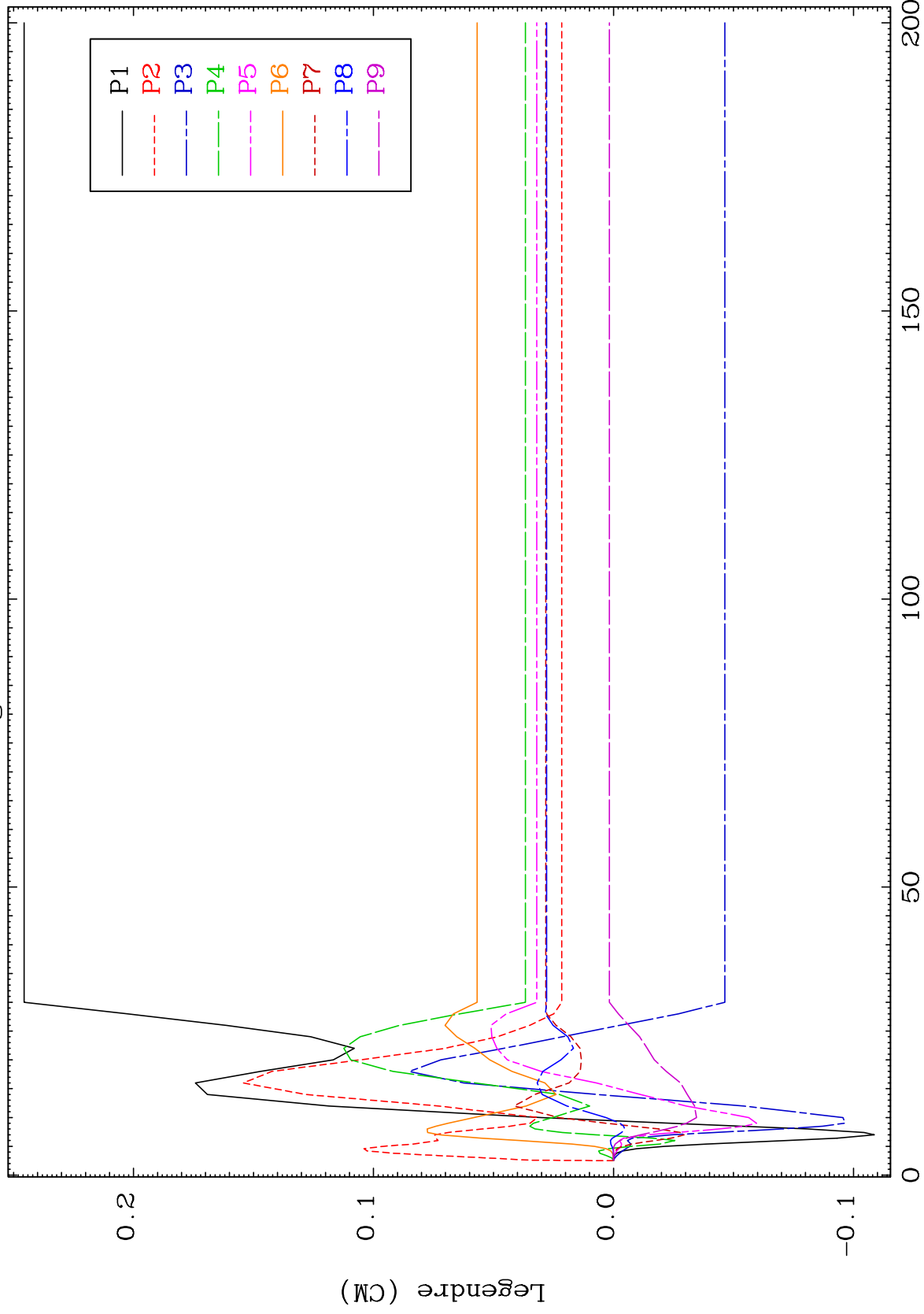
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

48-Cd-116



129

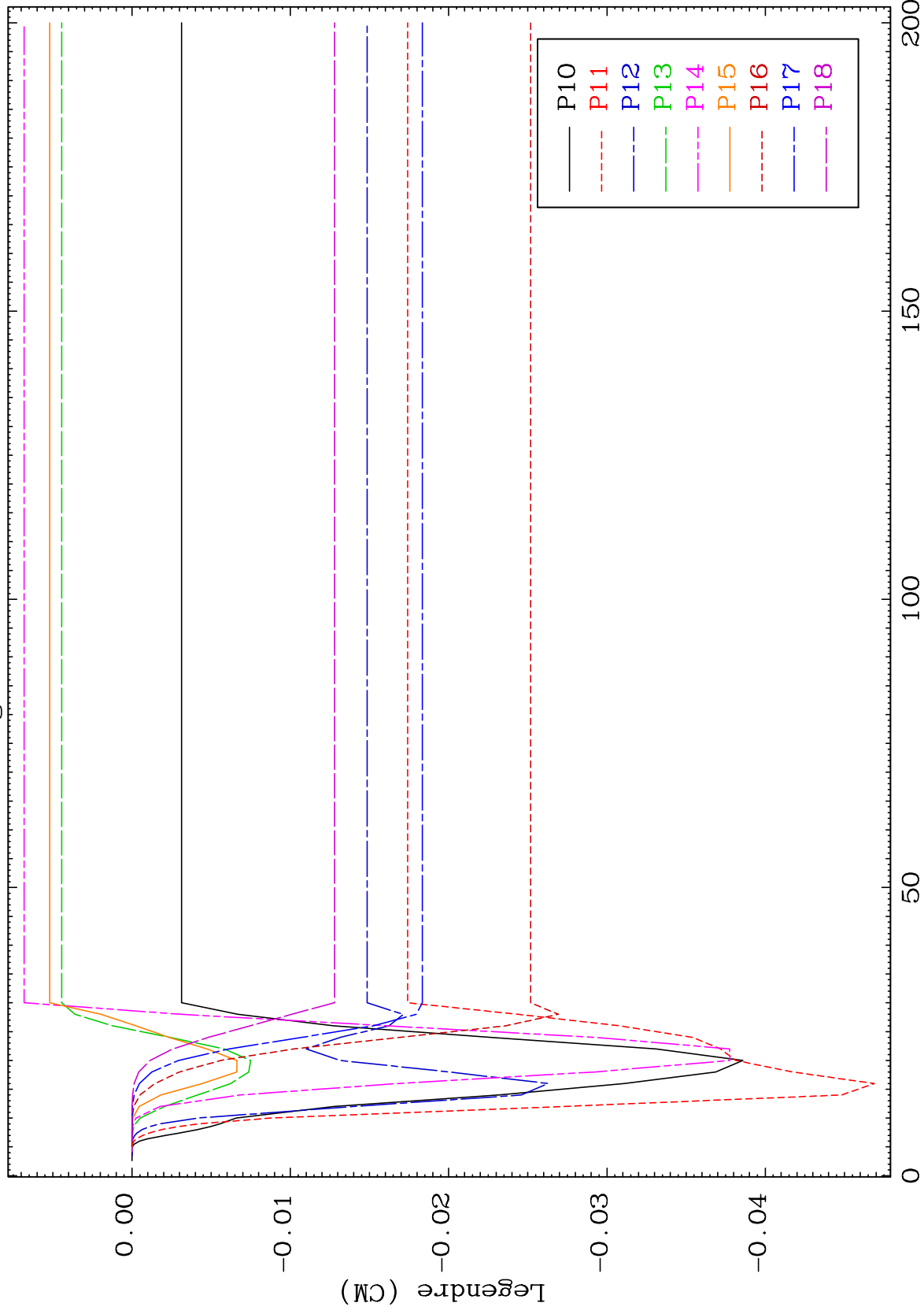
Incident Energy (MeV)

48-Cd-116

MAT 4855

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

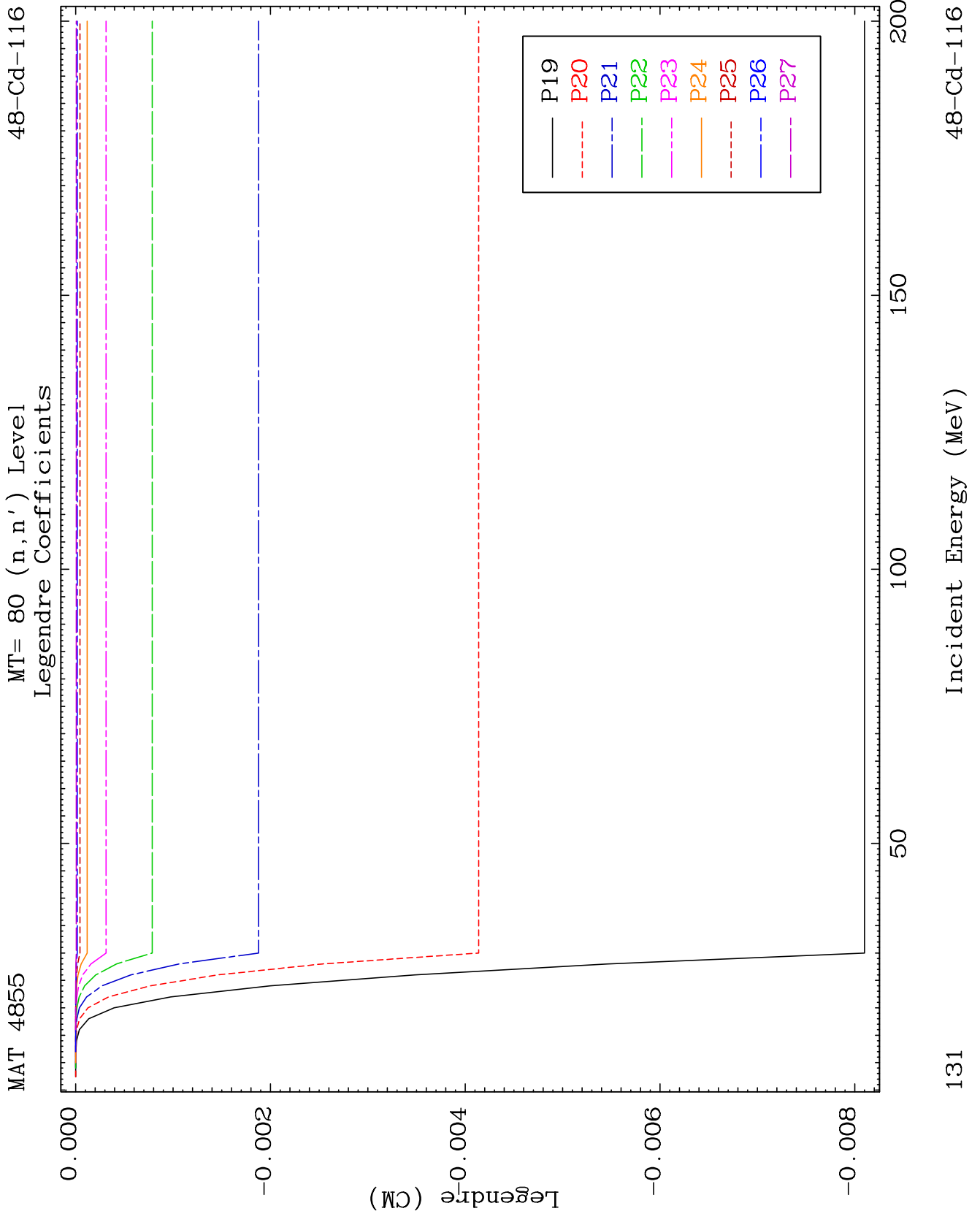
48-Cd-116

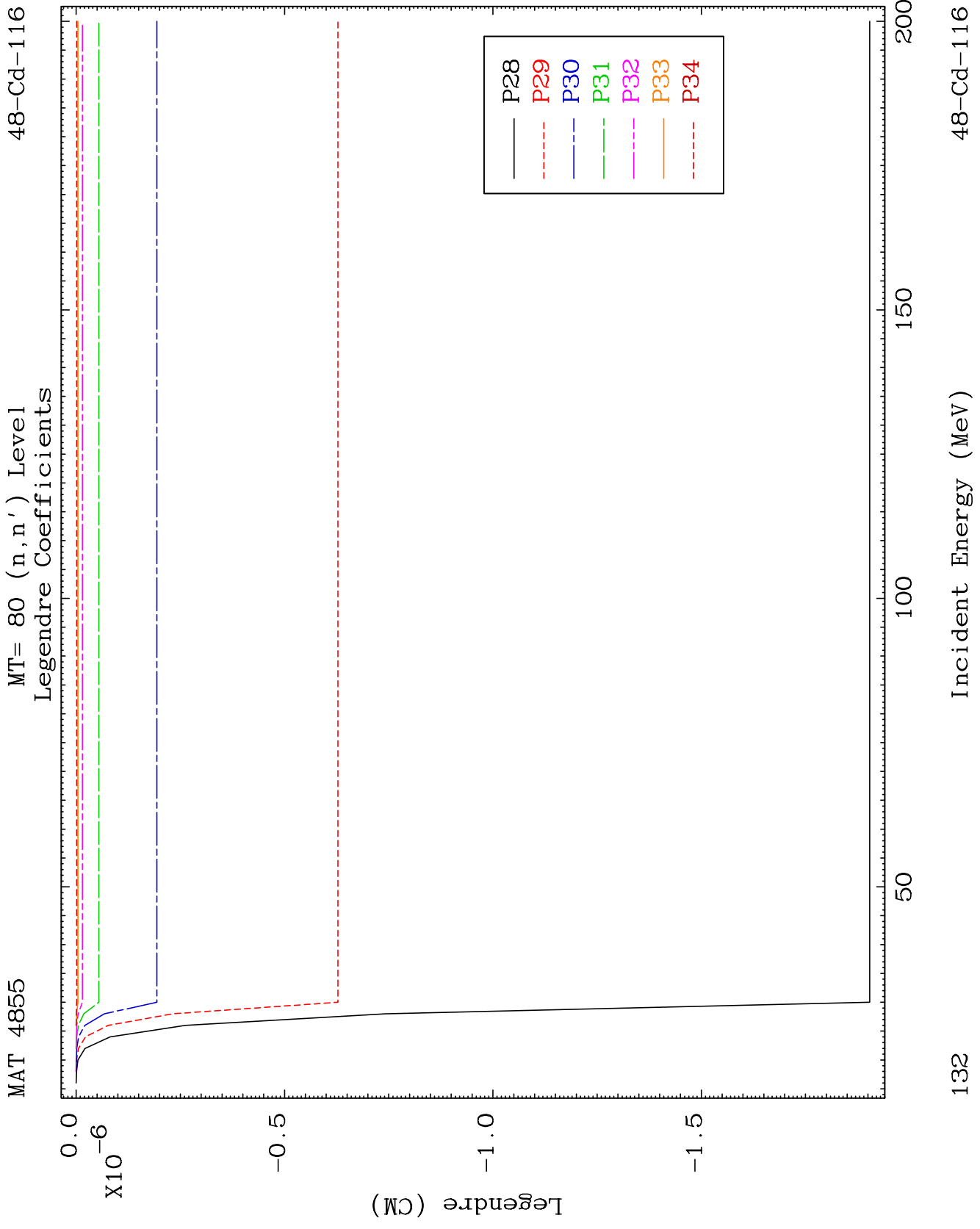


130

Incident Energy (MeV)

48-Cd-116



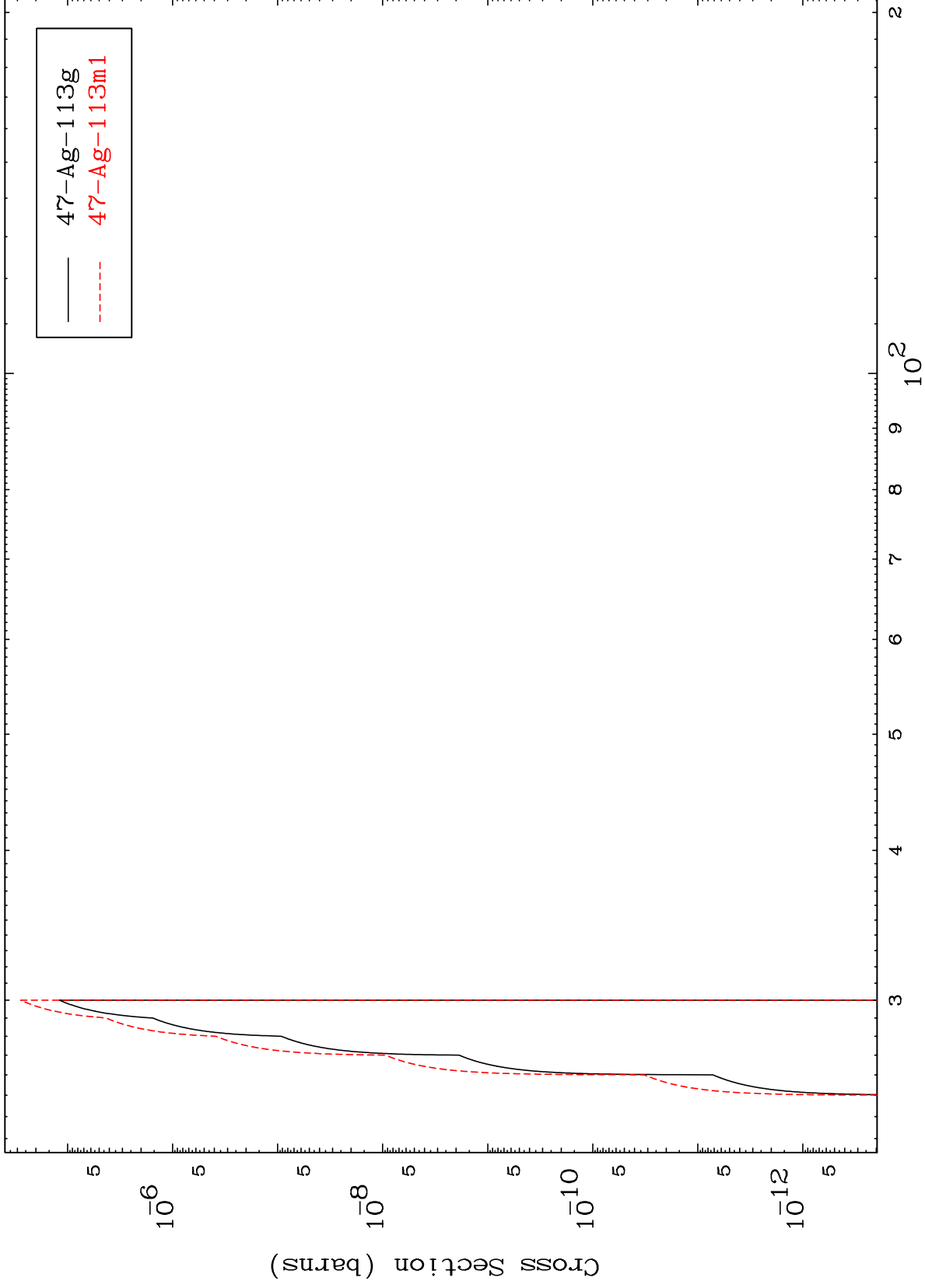


MAT 4855

(n,2n) d

48-Cd-116

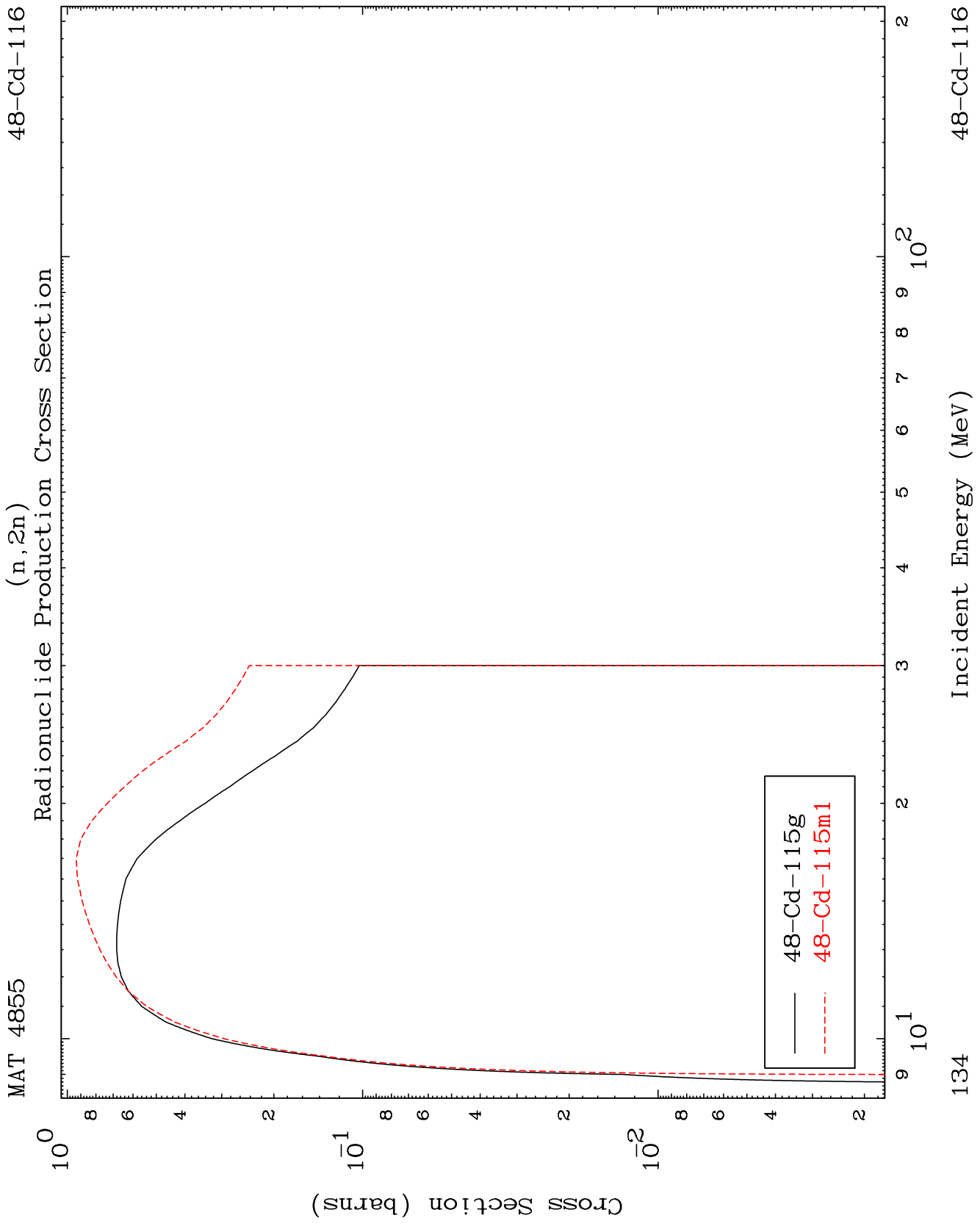
Radionuclide Production Cross Section



133

Incident Energy (MeV)

48-Cd-116

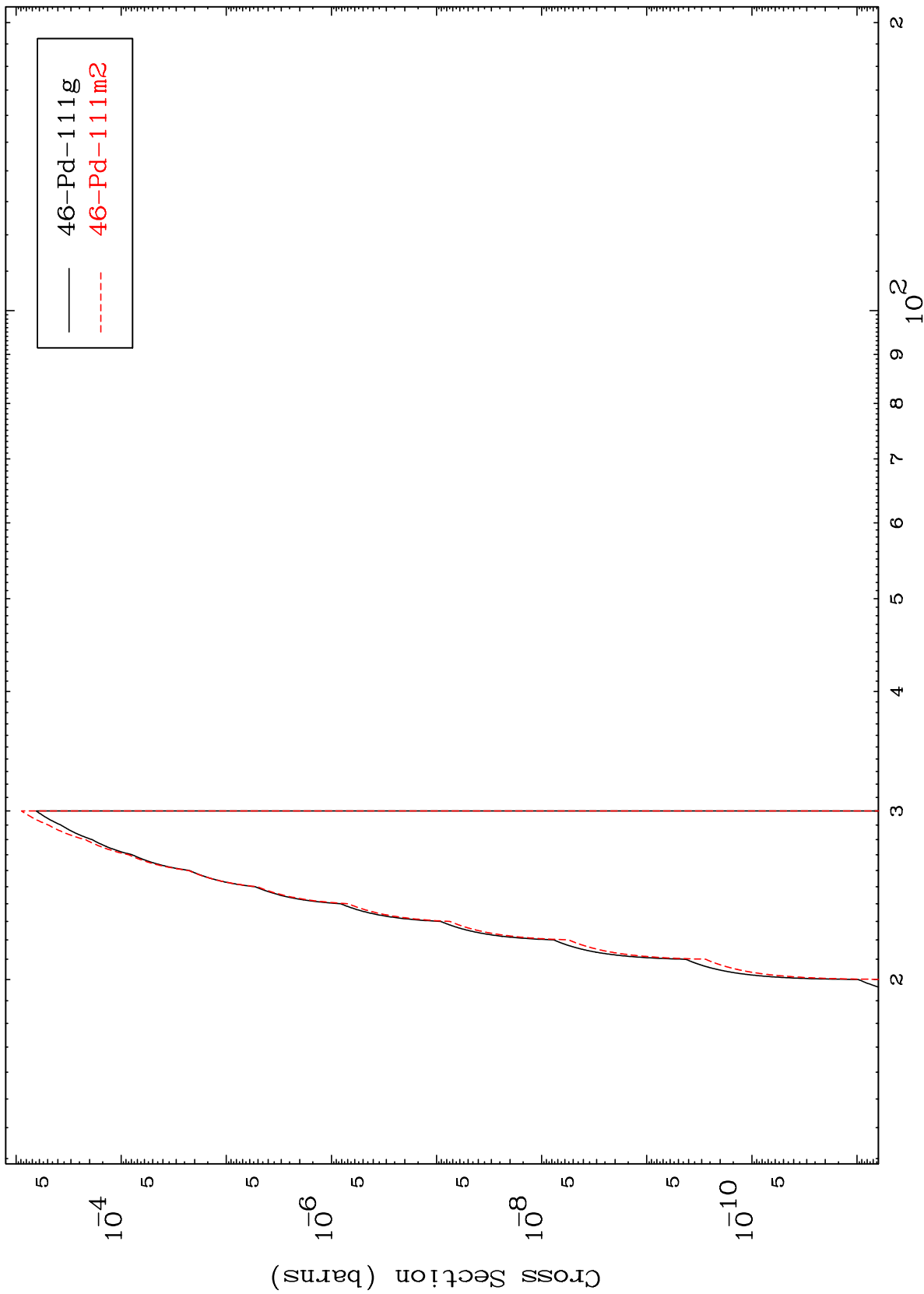


MAT 4855

(n,2n)  $\alpha$

48-Cd-116

Radionuclide Production Cross Section



135

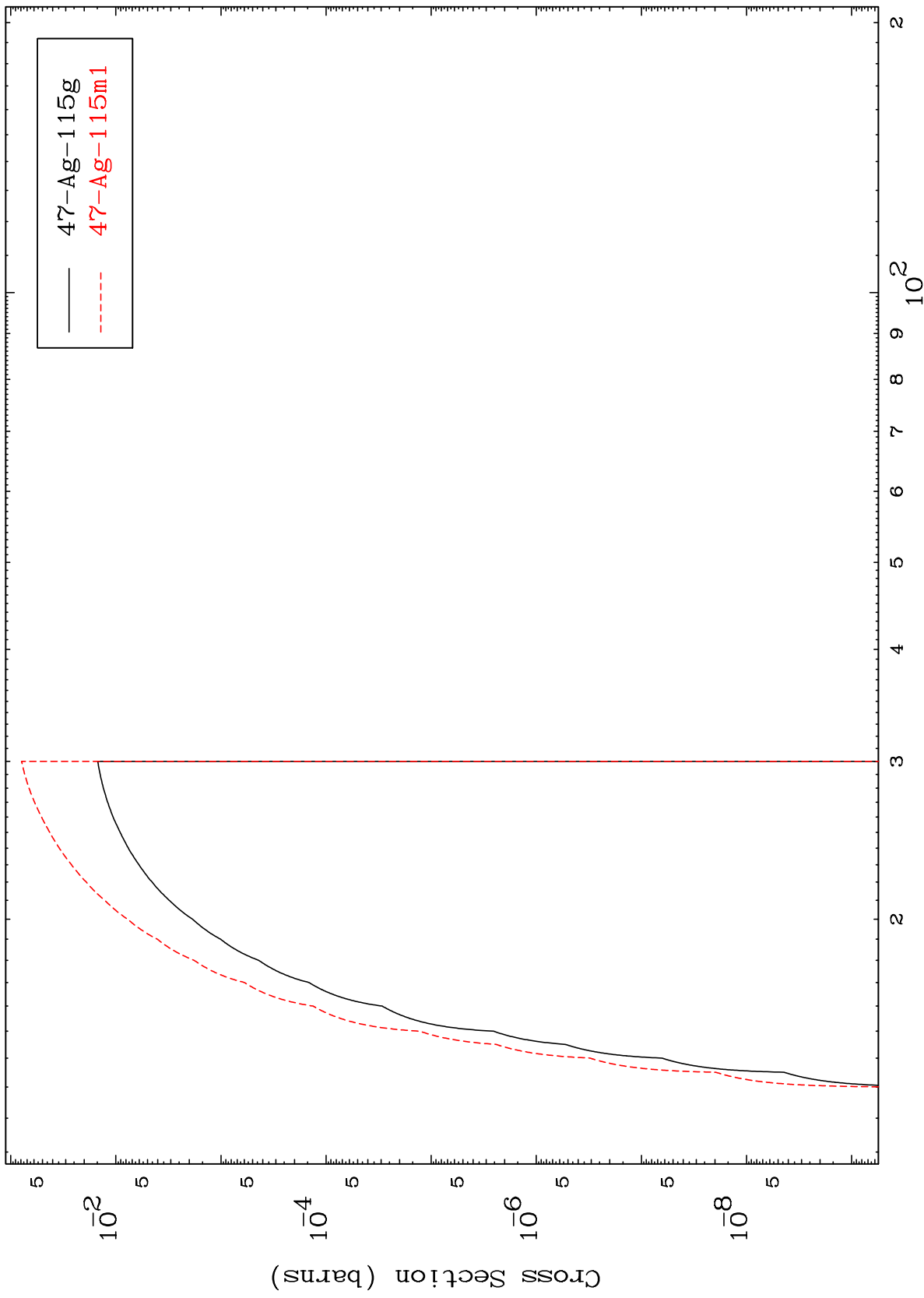
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,n') p  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

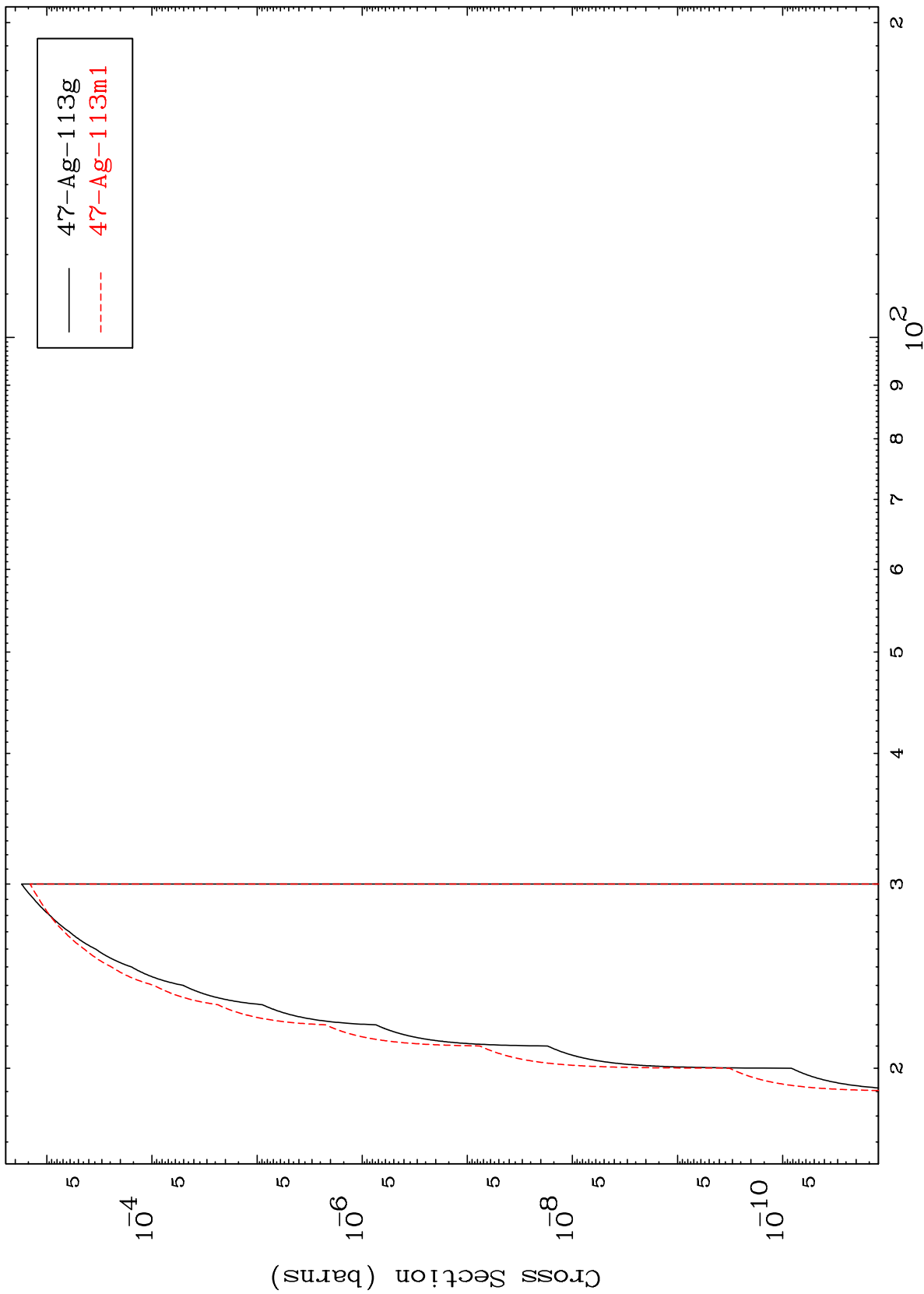
48-Cd-116

MAT 4855

(n,n') t

48-Cd-116

Radionuclide Production Cross Section



137

Incident Energy (MeV)

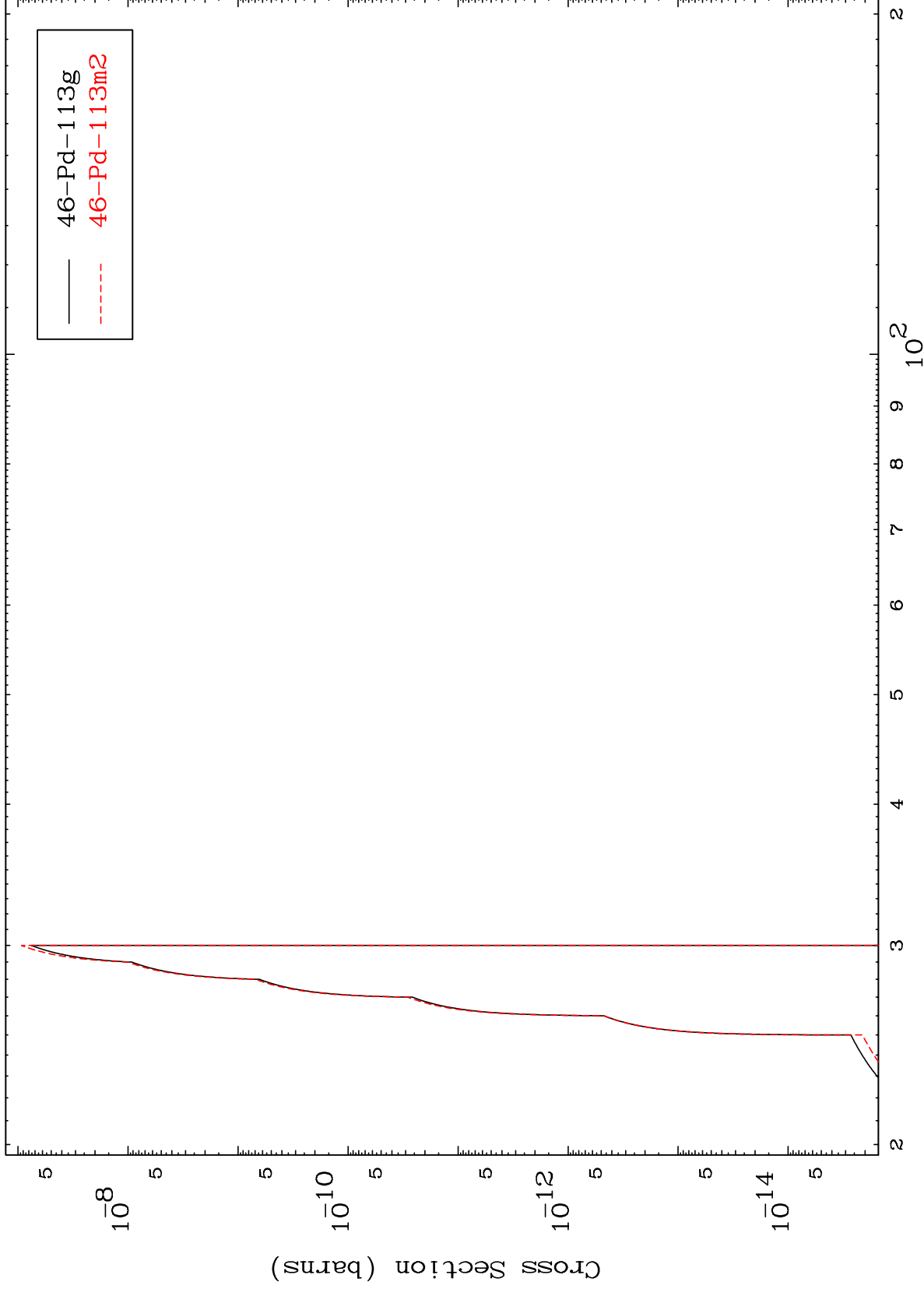
48-Cd-116

MAT 4855

(n,n') He-3

48-Cd-116

Radionuclide Production Cross Section



138

Incident Energy (MeV)

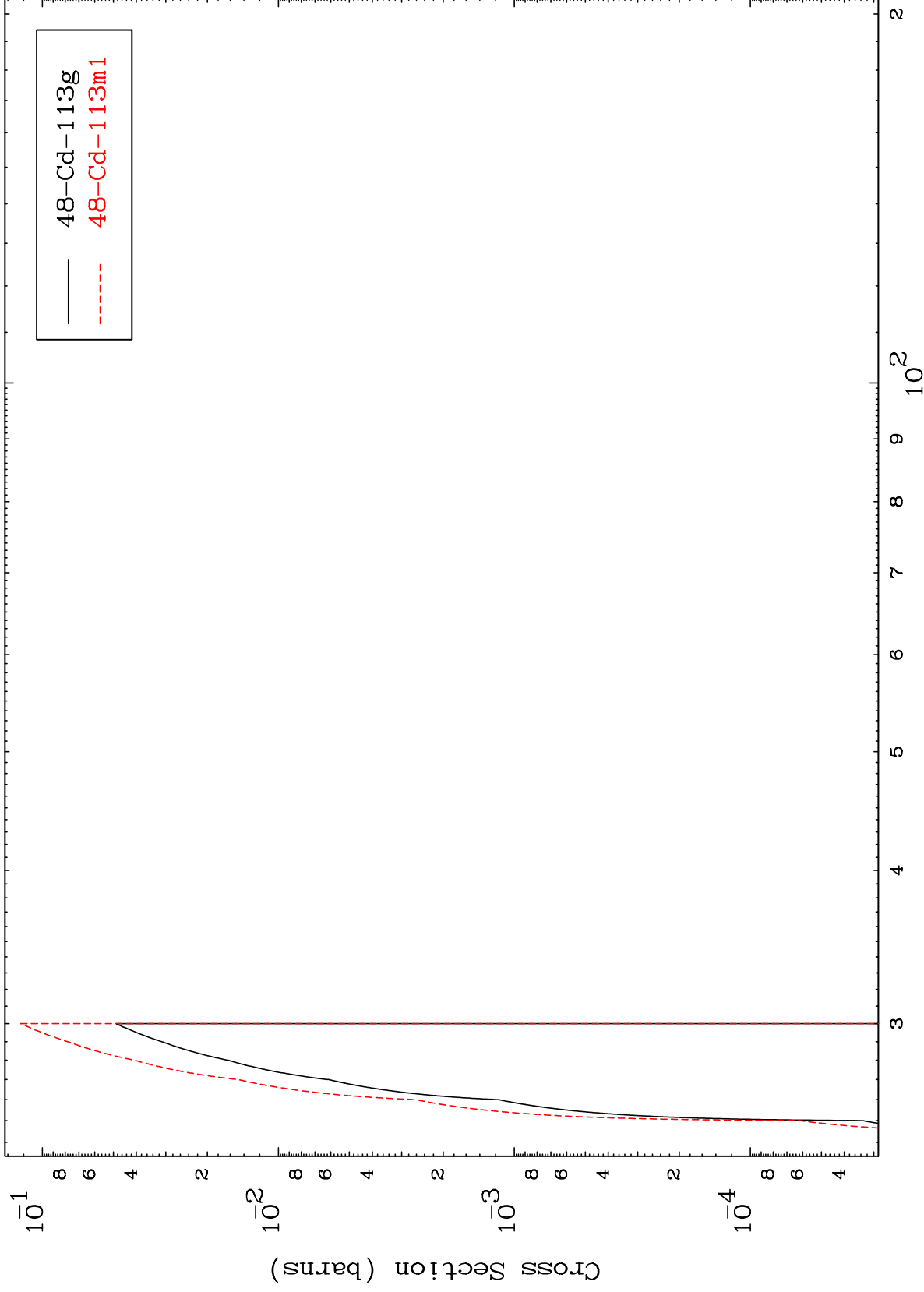
48-Cd-116

MAT 4855

(n,4n)

48-Cd-116

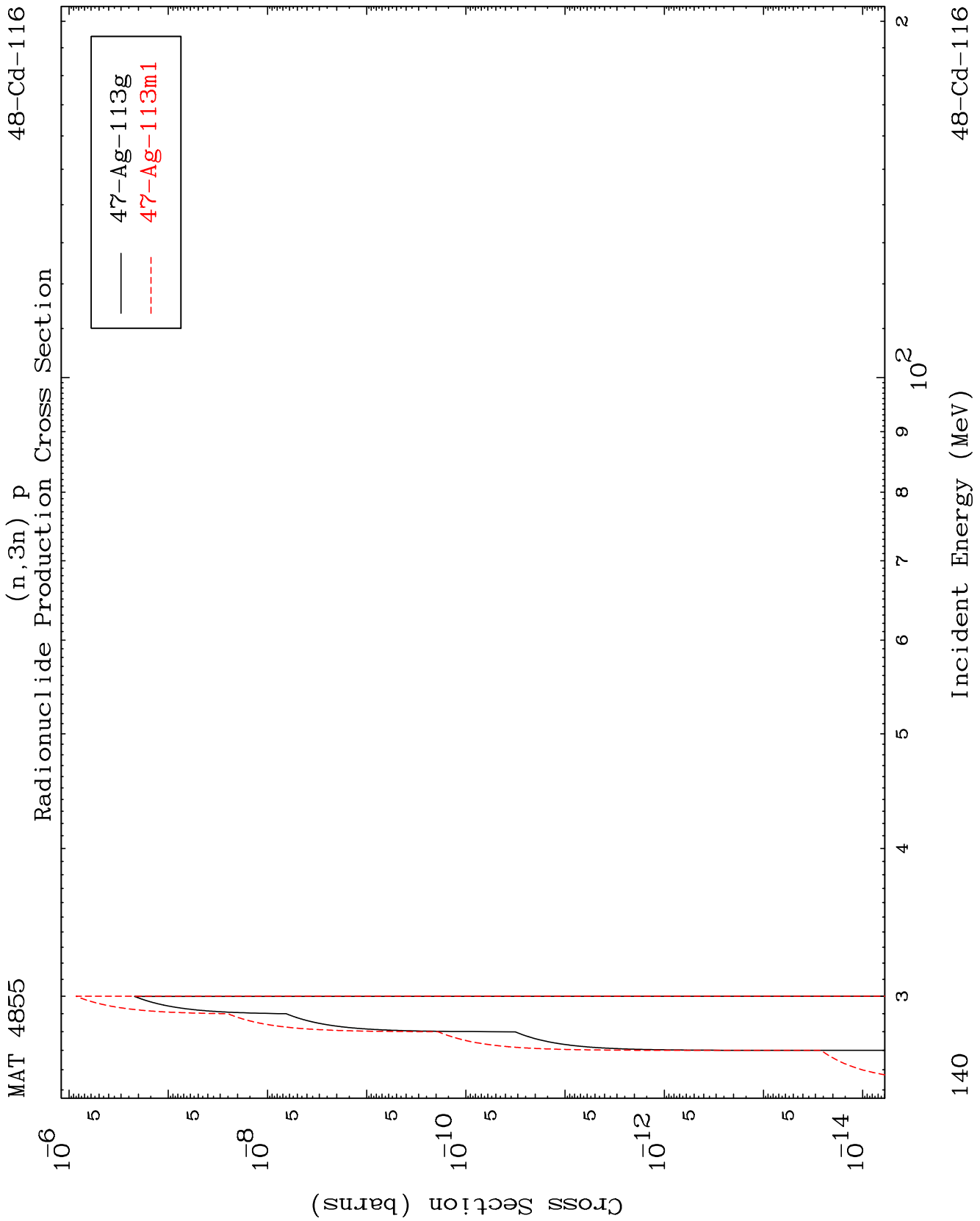
Radionuclide Production Cross Section



139

Incident Energy (MeV)

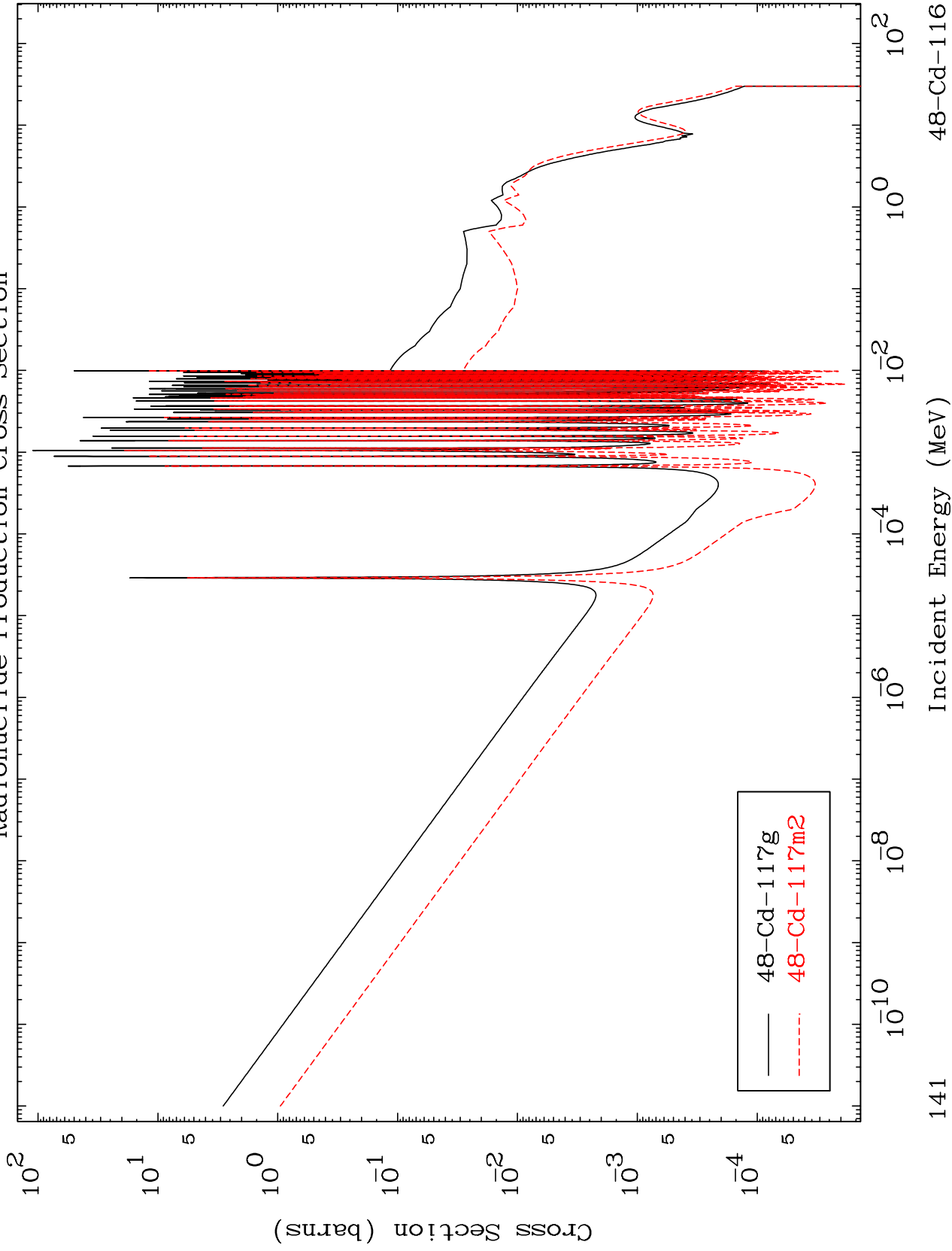
48-Cd-116



MAT 4855

48-Cd-116

(n,γ)  
Radionuclide Production Cross Section

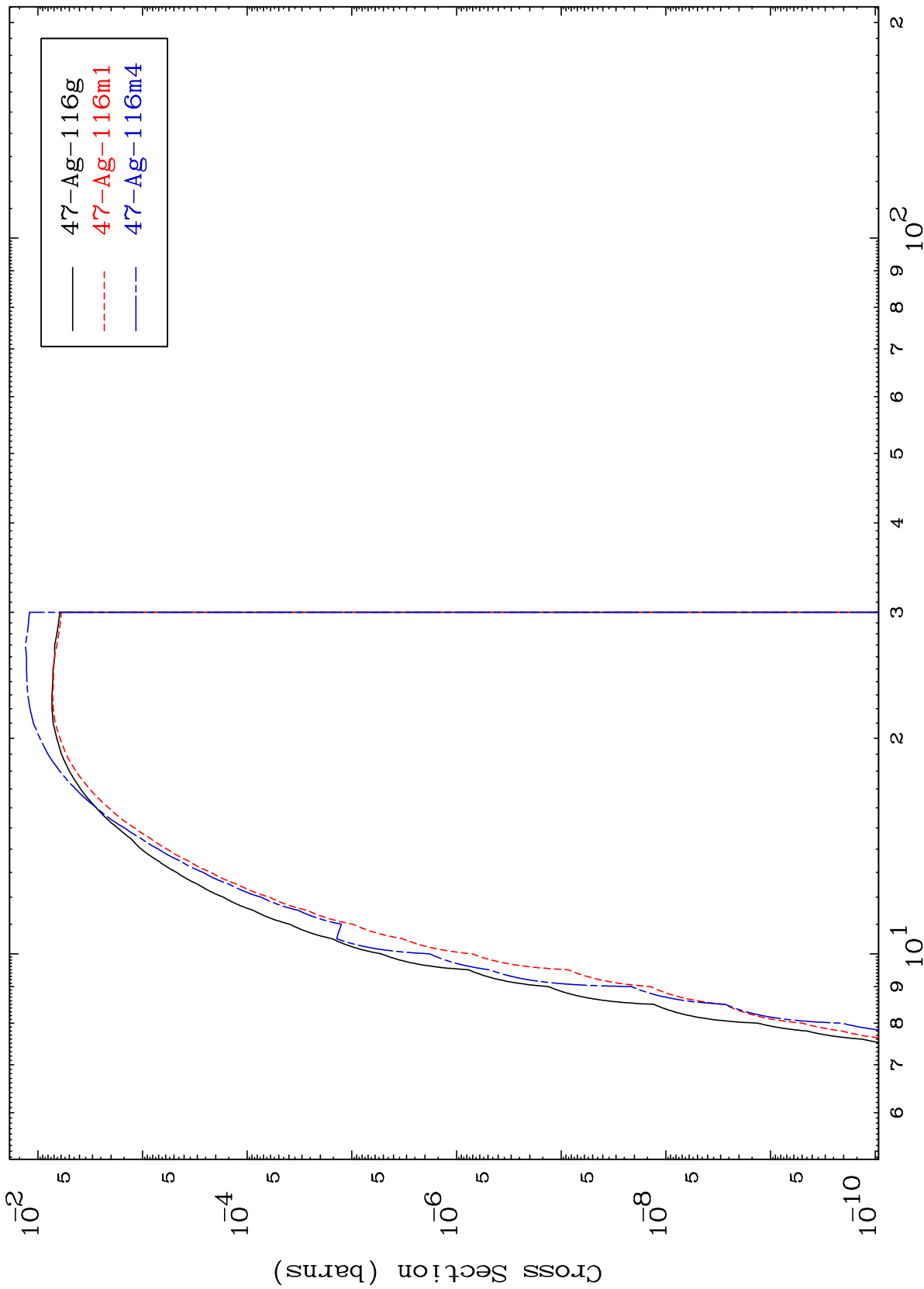


141

MAT 4855

48-Cd-116

(n,p)  
Radionuclide Production Cross Section



142

Incident Energy (MeV)

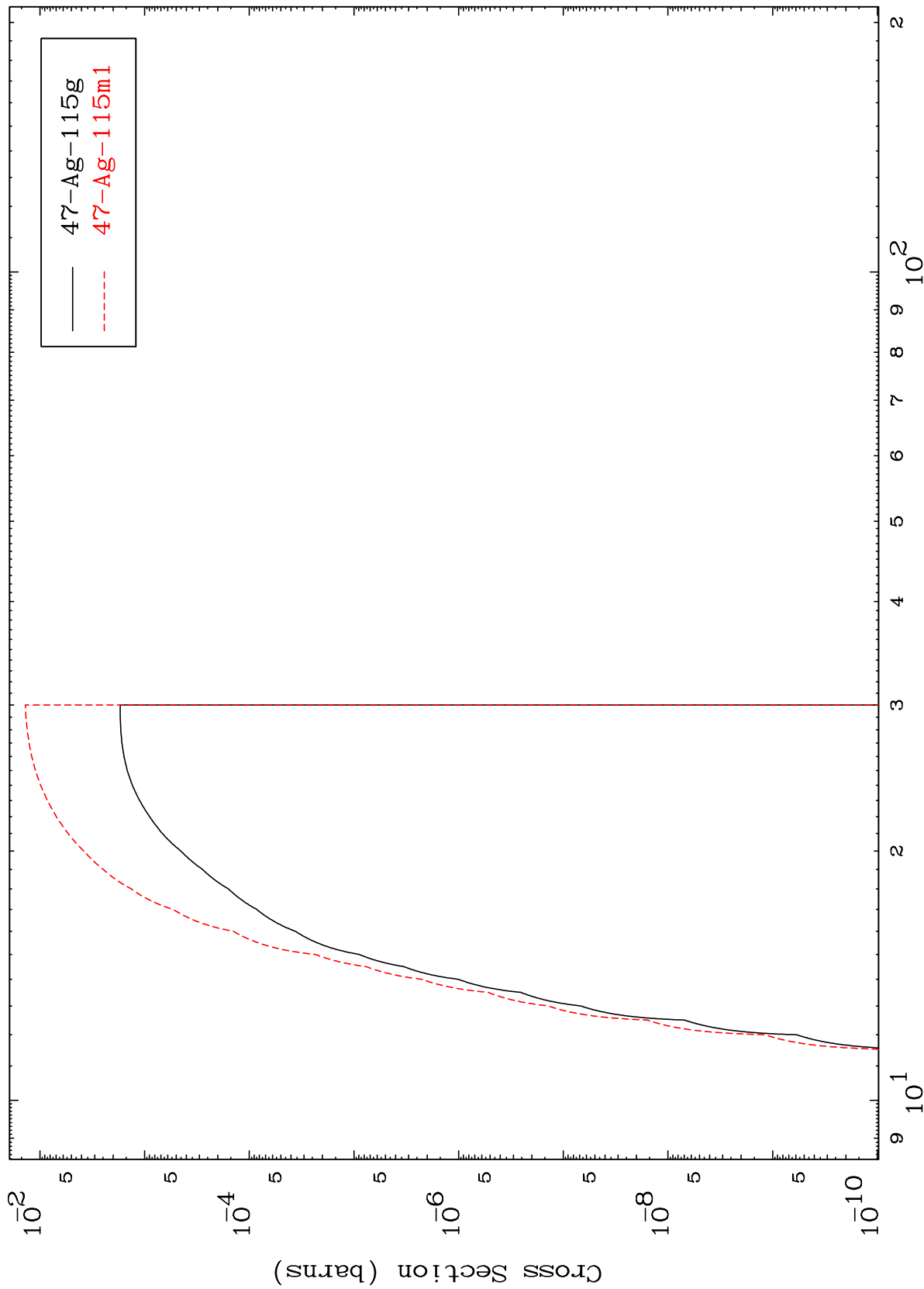
48-Cd-116

MAT 4855

(n,d)

48-Cd-116

Radionuclide Production Cross Section



143

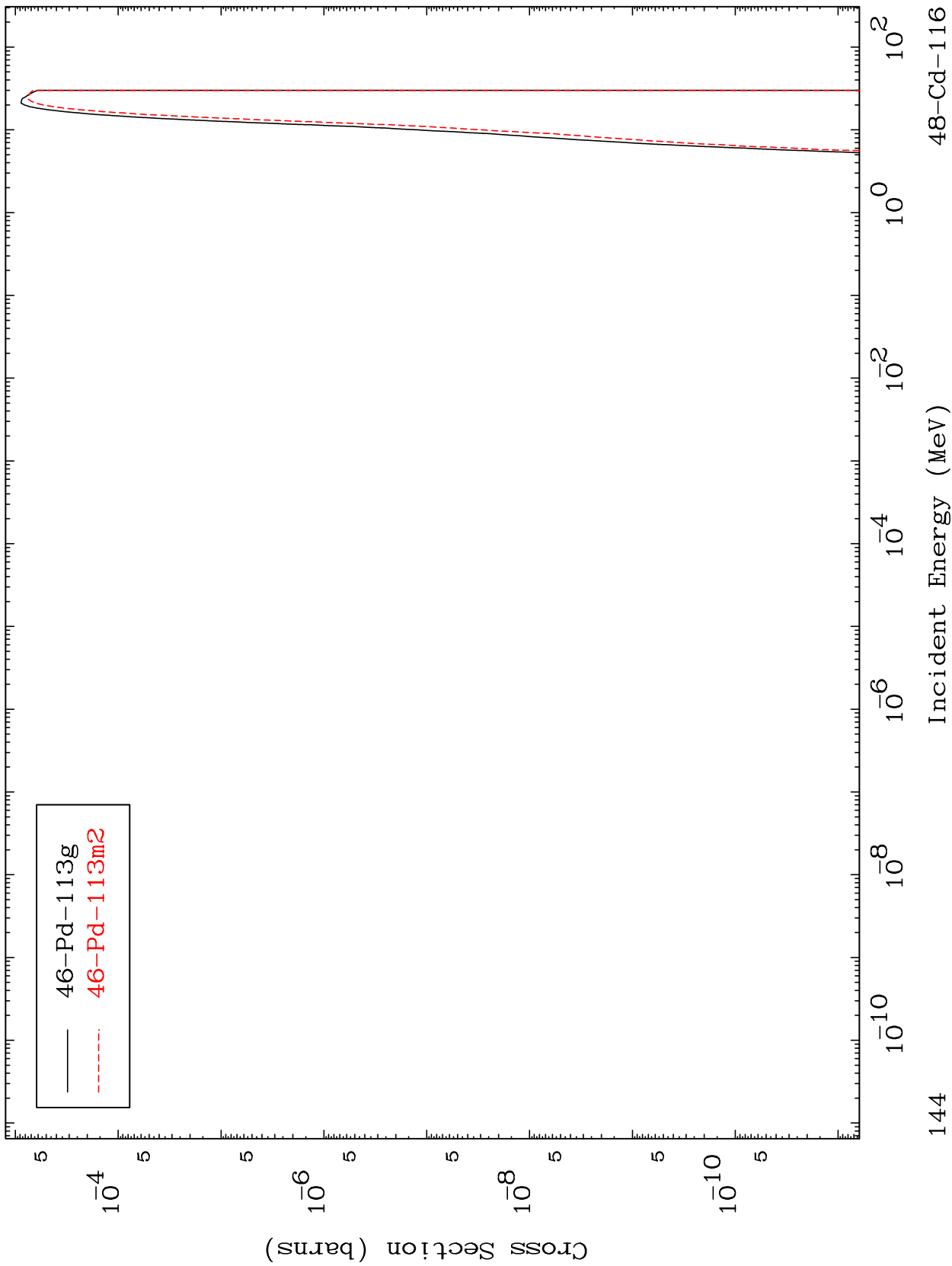
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

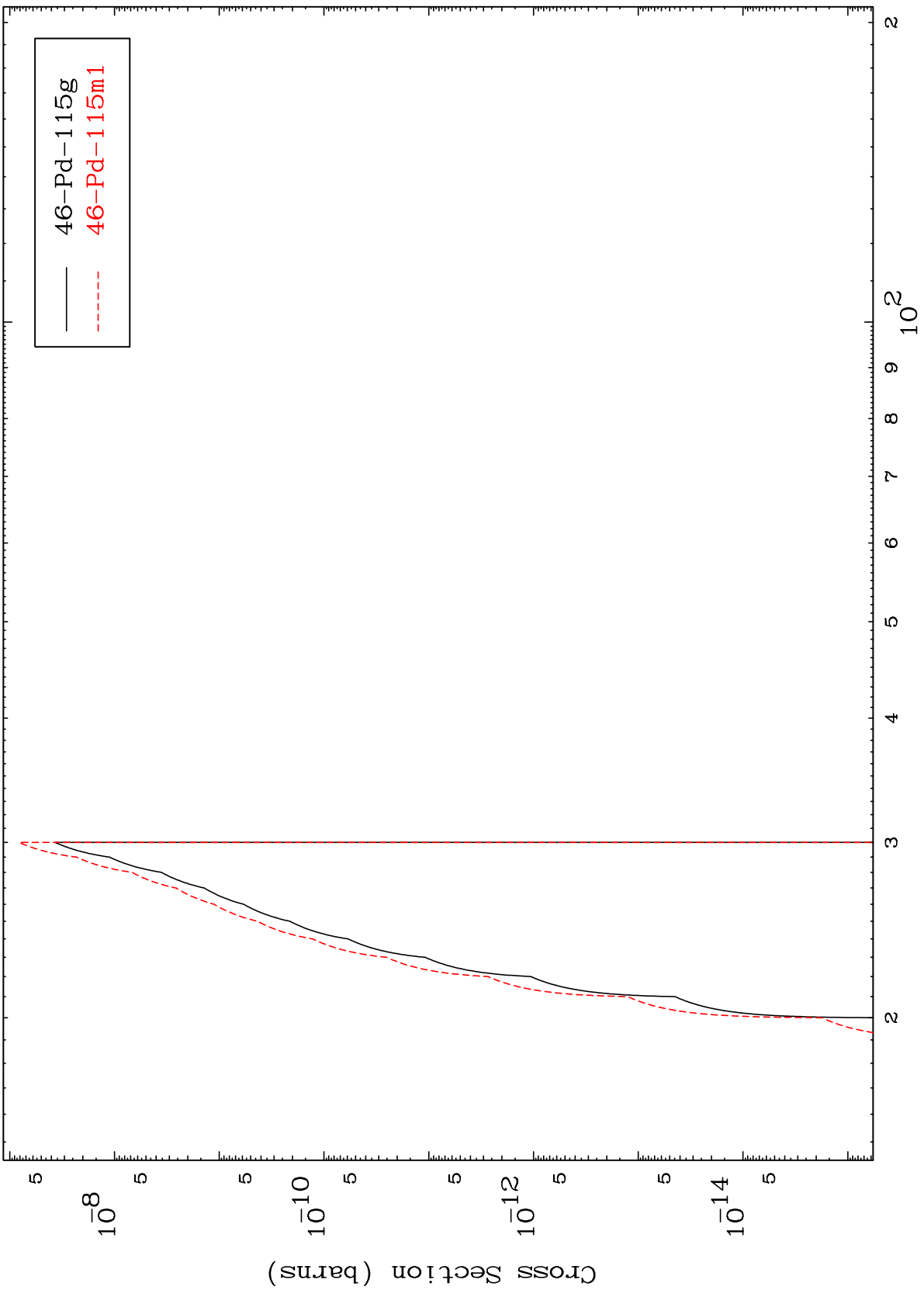
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 4855

48-Cd-116

(n,2p)  
Radionuclide Production Cross Section



145

Incident Energy (MeV)

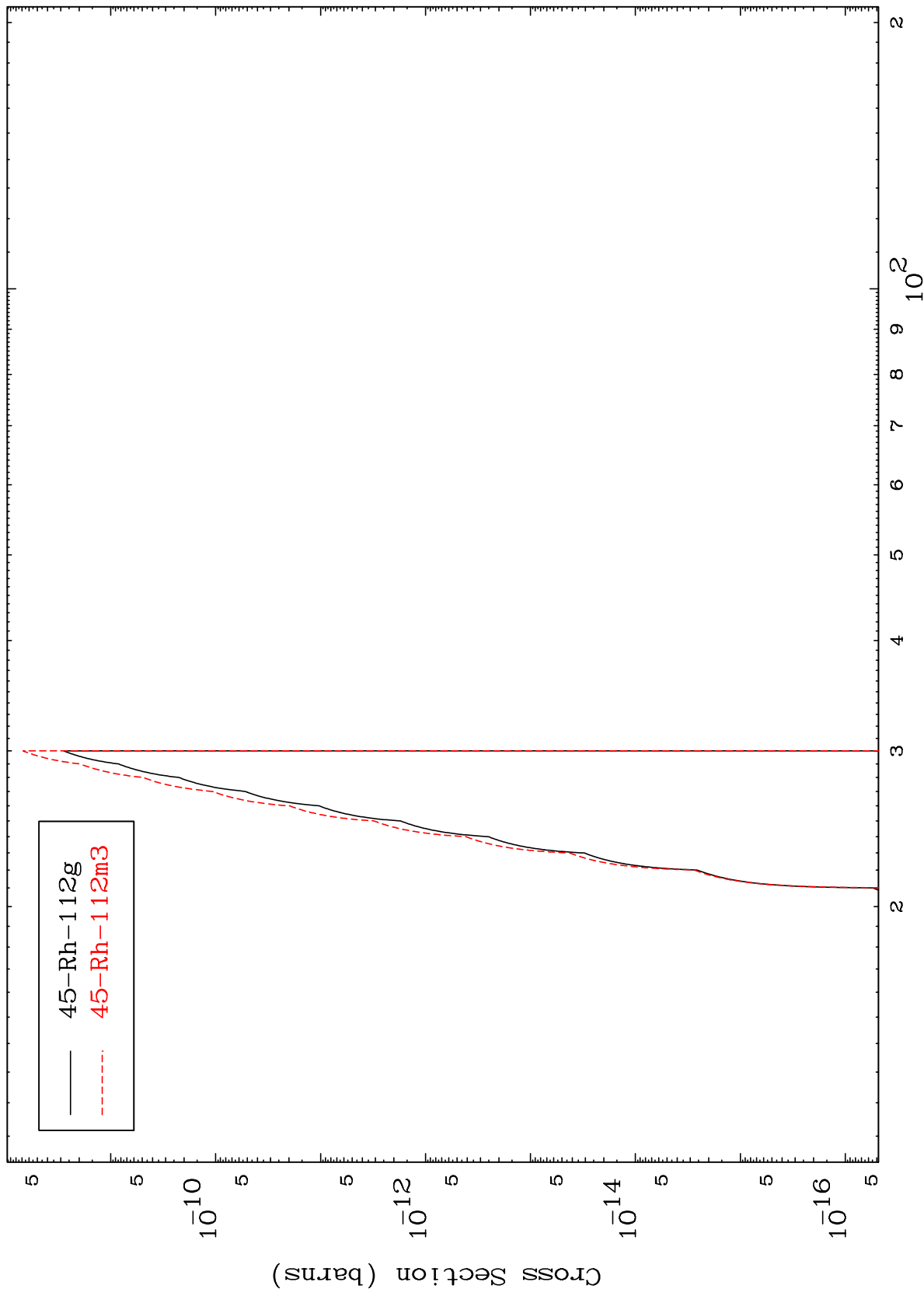
48-Cd-116

MAT 4855

48-Cd-116

(n,p)  $\alpha$

Radionuclide Production Cross Section



146

Incident Energy (MeV)

48-Cd-116