

Program EVALPLOT
(Version 2017-1)

by

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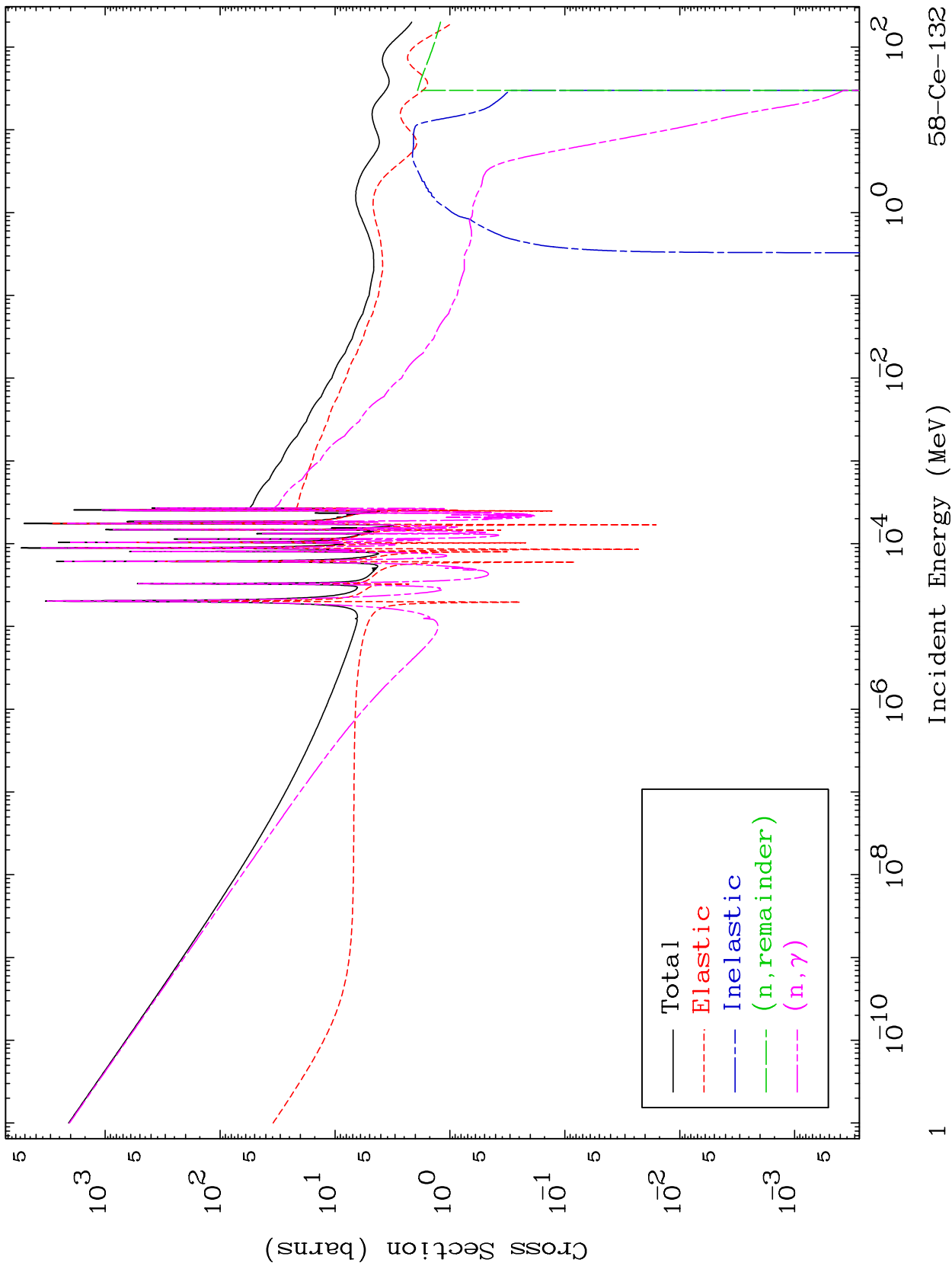
Press Mouse Button to Start

MAT 5813

Major

293 Kelvin Cross Sections

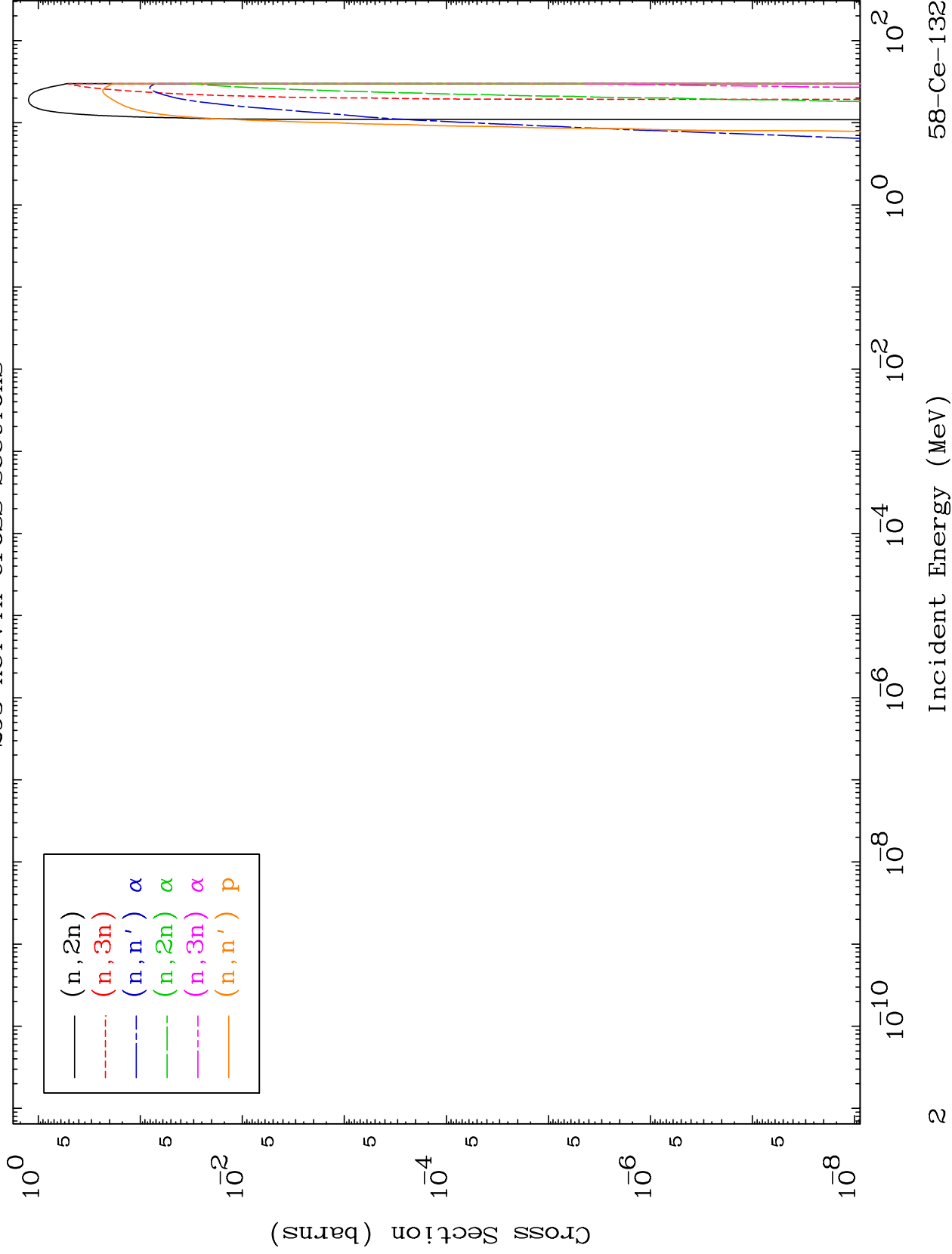
58-Ce-132



MAT 5813

Neutron Production
293 Kelvin Cross Sections

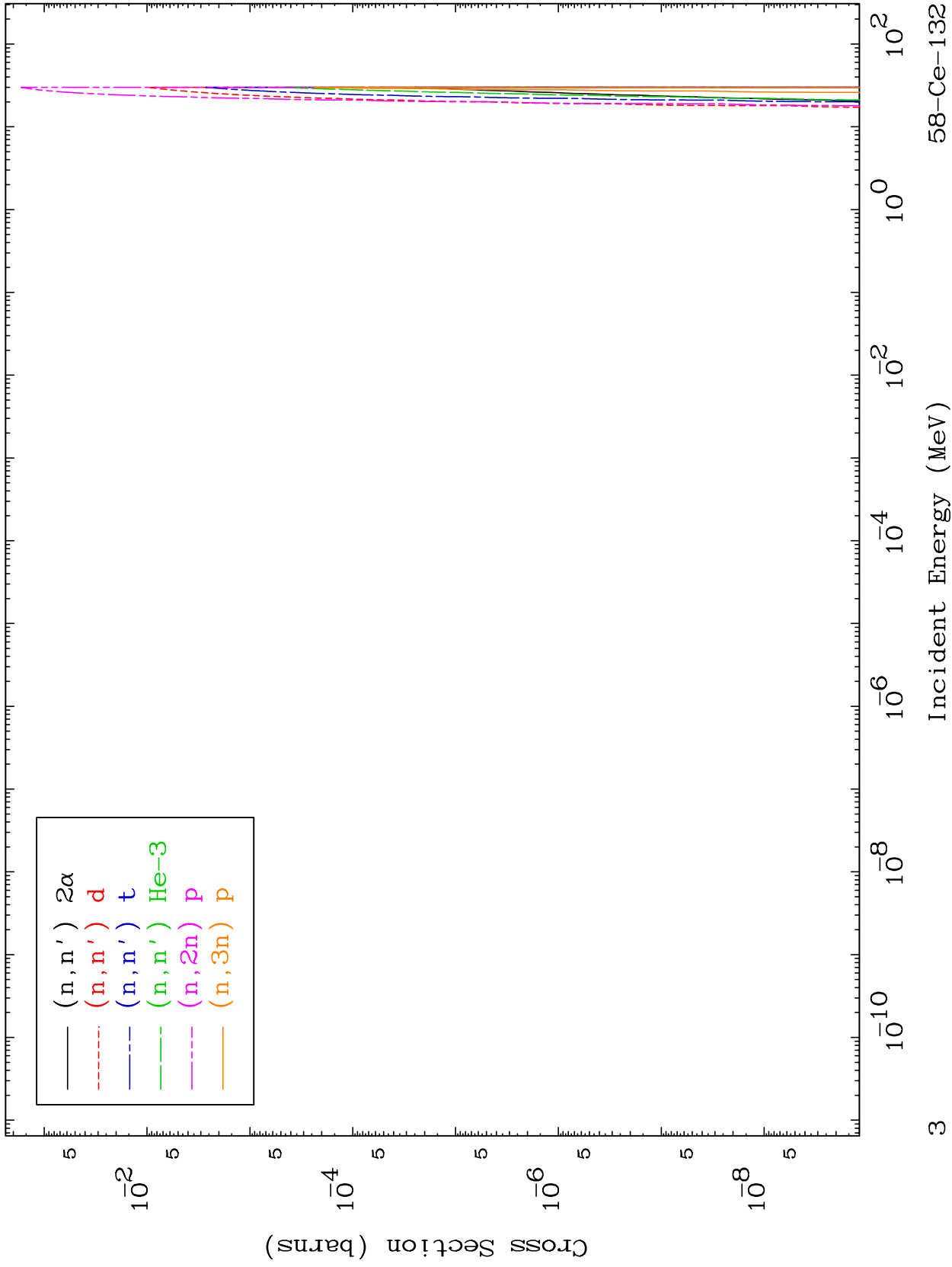
58-Ce-132



MAT 5813

Neutron Production
293 Kelvin Cross Sections

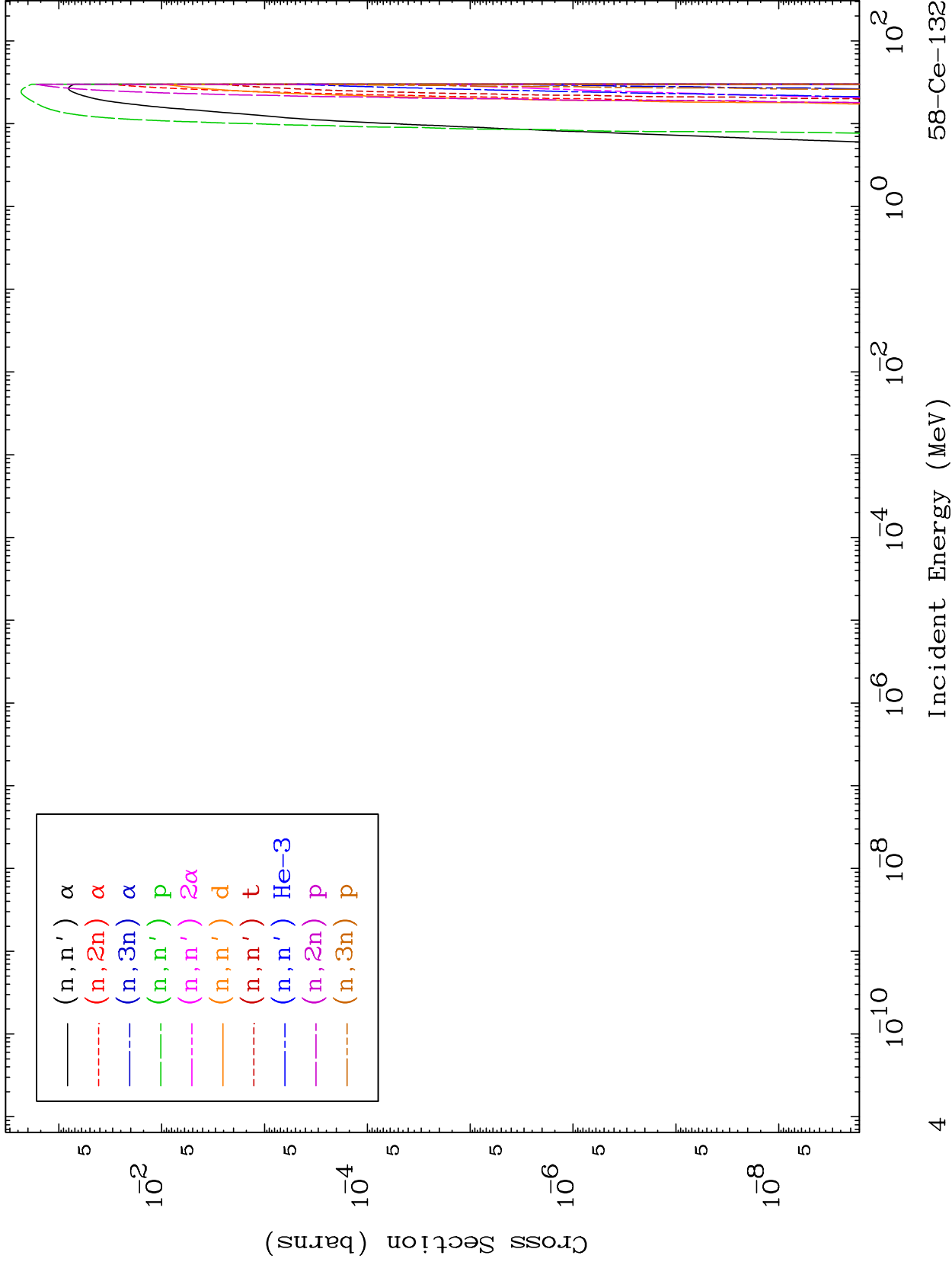
58-Ce-132



MAT 5813

Charged Particle
293 Kelvin Cross Sections

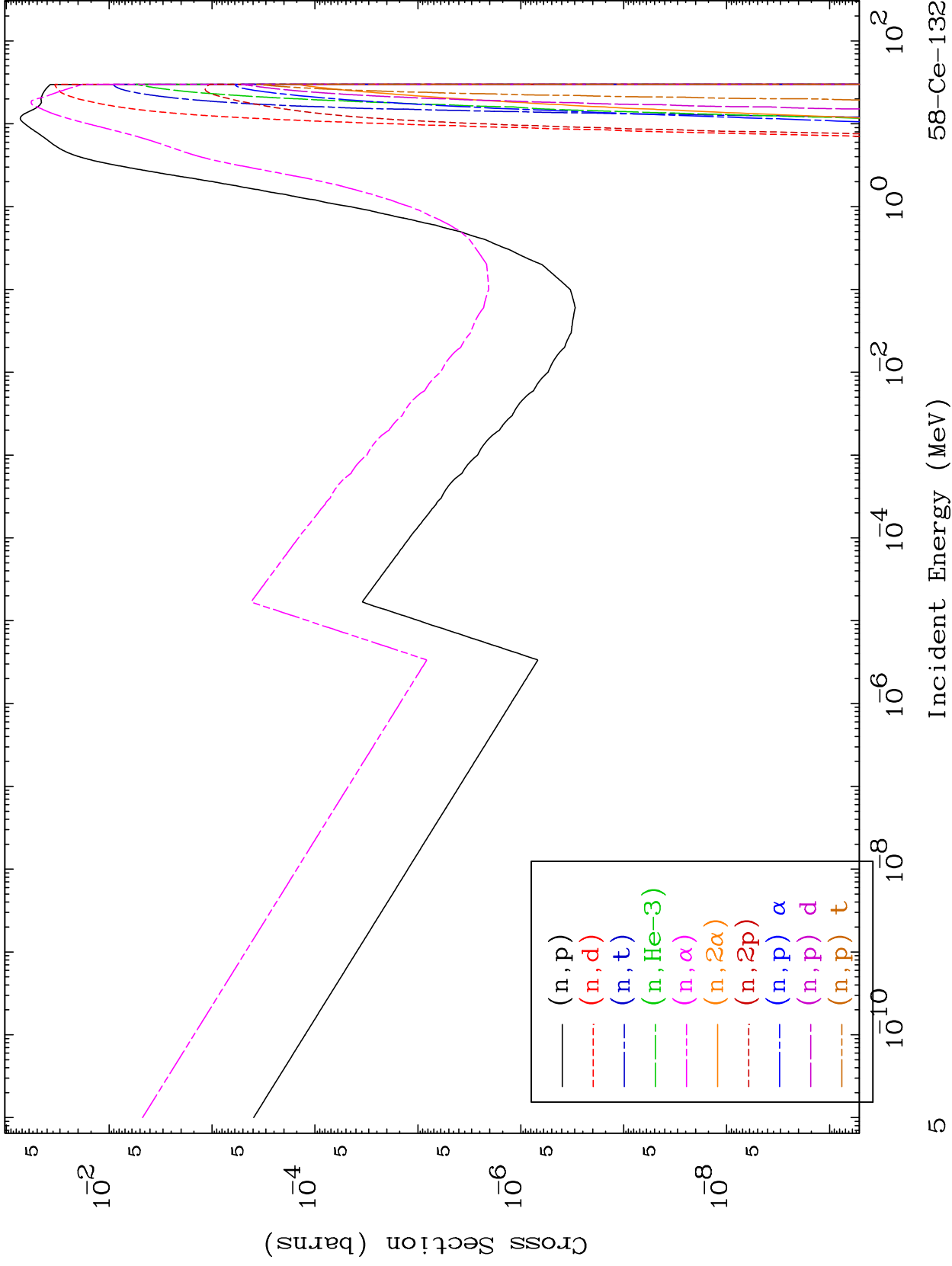
58-Ce-132

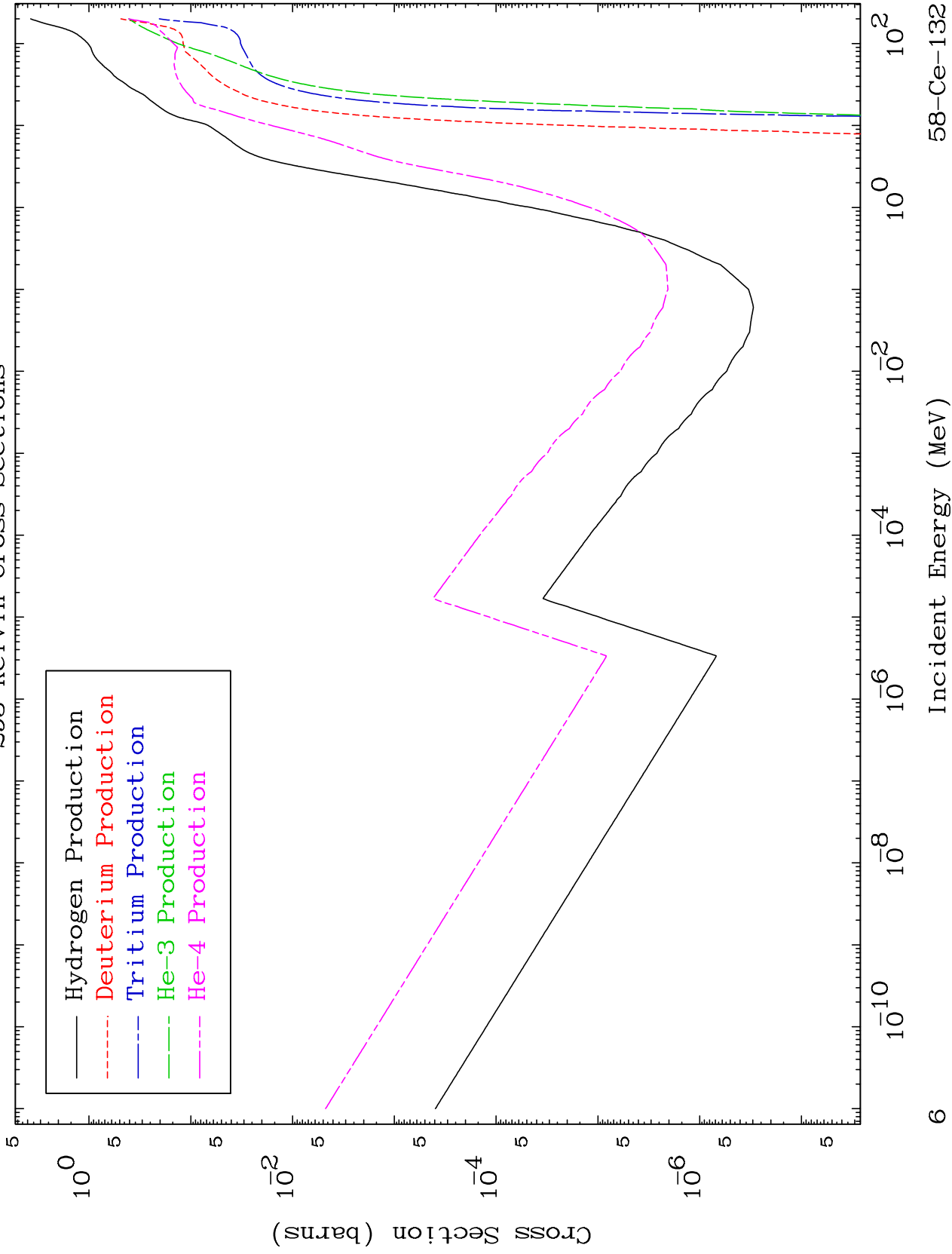


MAT 5813

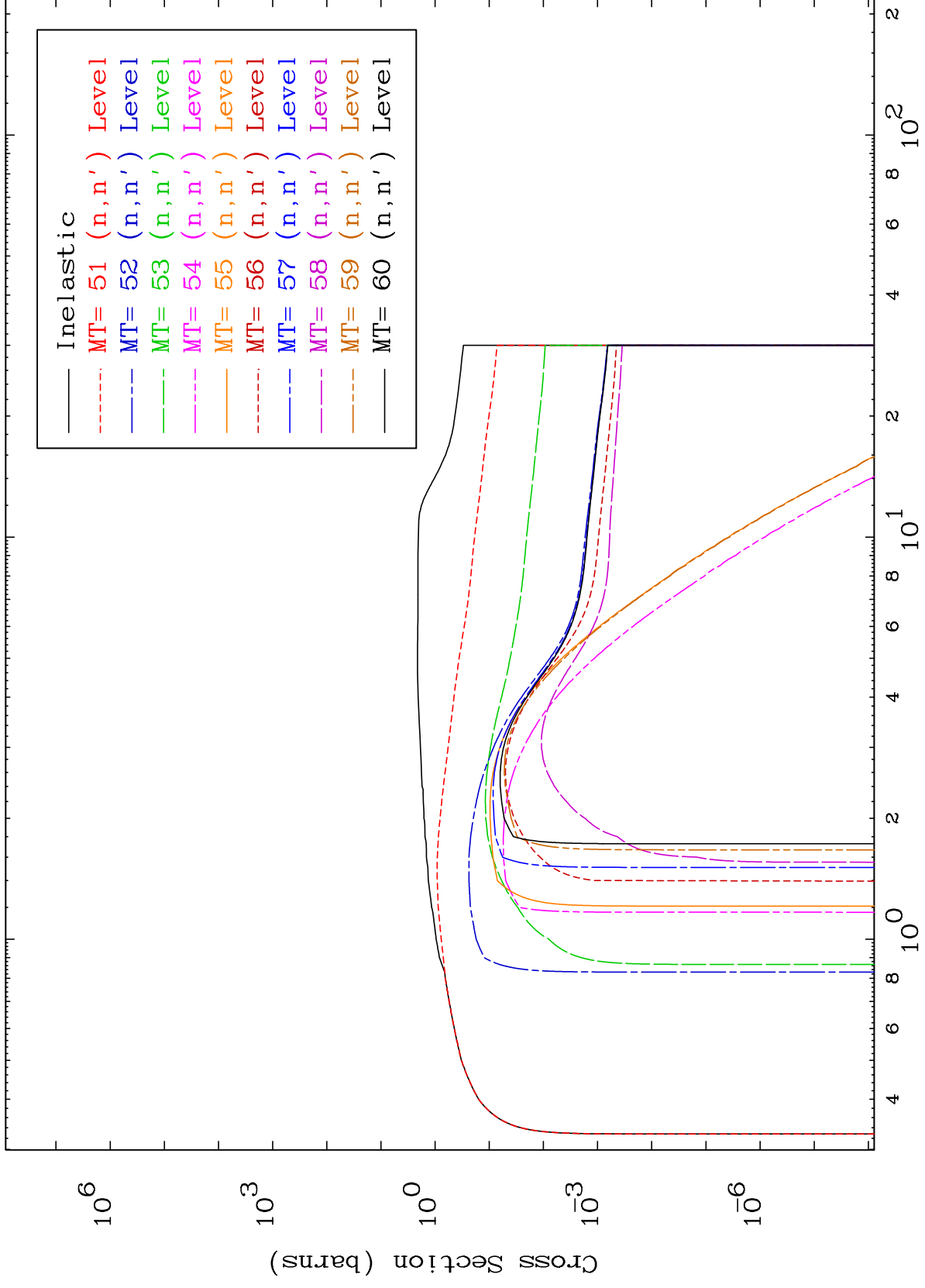
Charged Particle
293 Kelvin Cross Sections

58-Ce-132





293 Kelvin Cross Sections

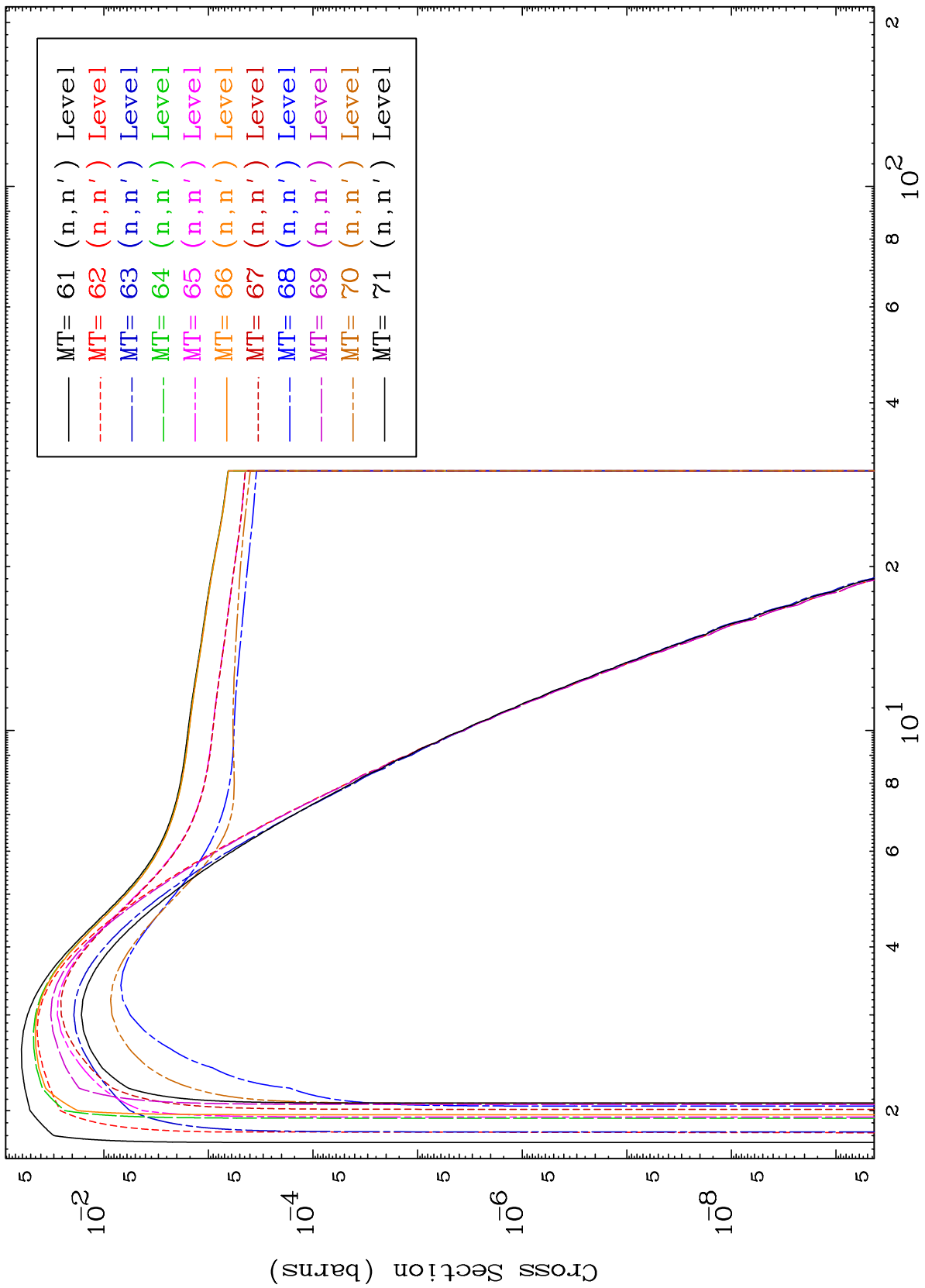


MAT 5813

(n,n') Level

58-Ce-132

293 Kelvin Cross Sections



8

Incident Energy (MeV)

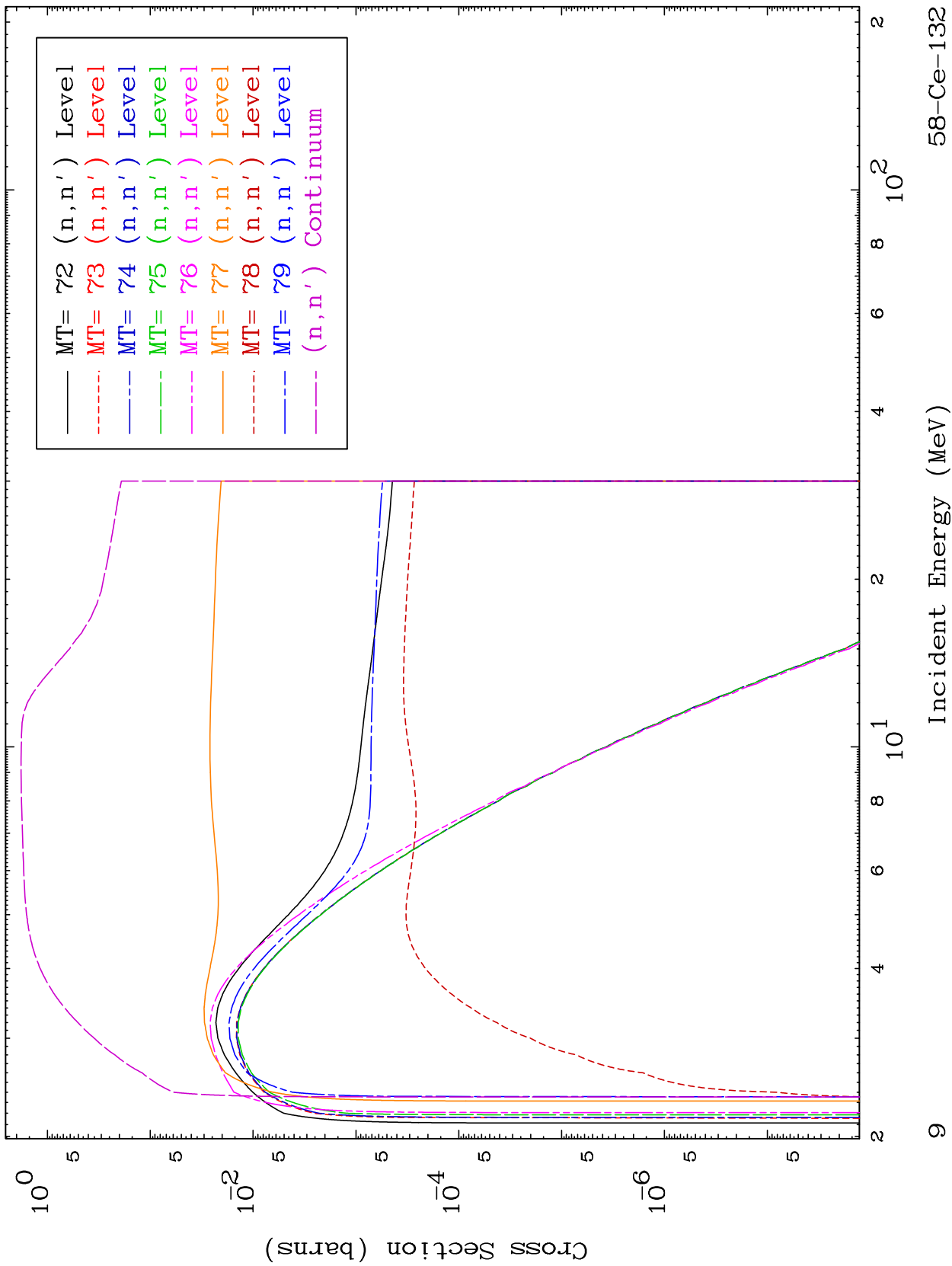
58-Ce-132

MAT 5813

(n,n') Level

58-Ce-132

293 Kelvin Cross Sections



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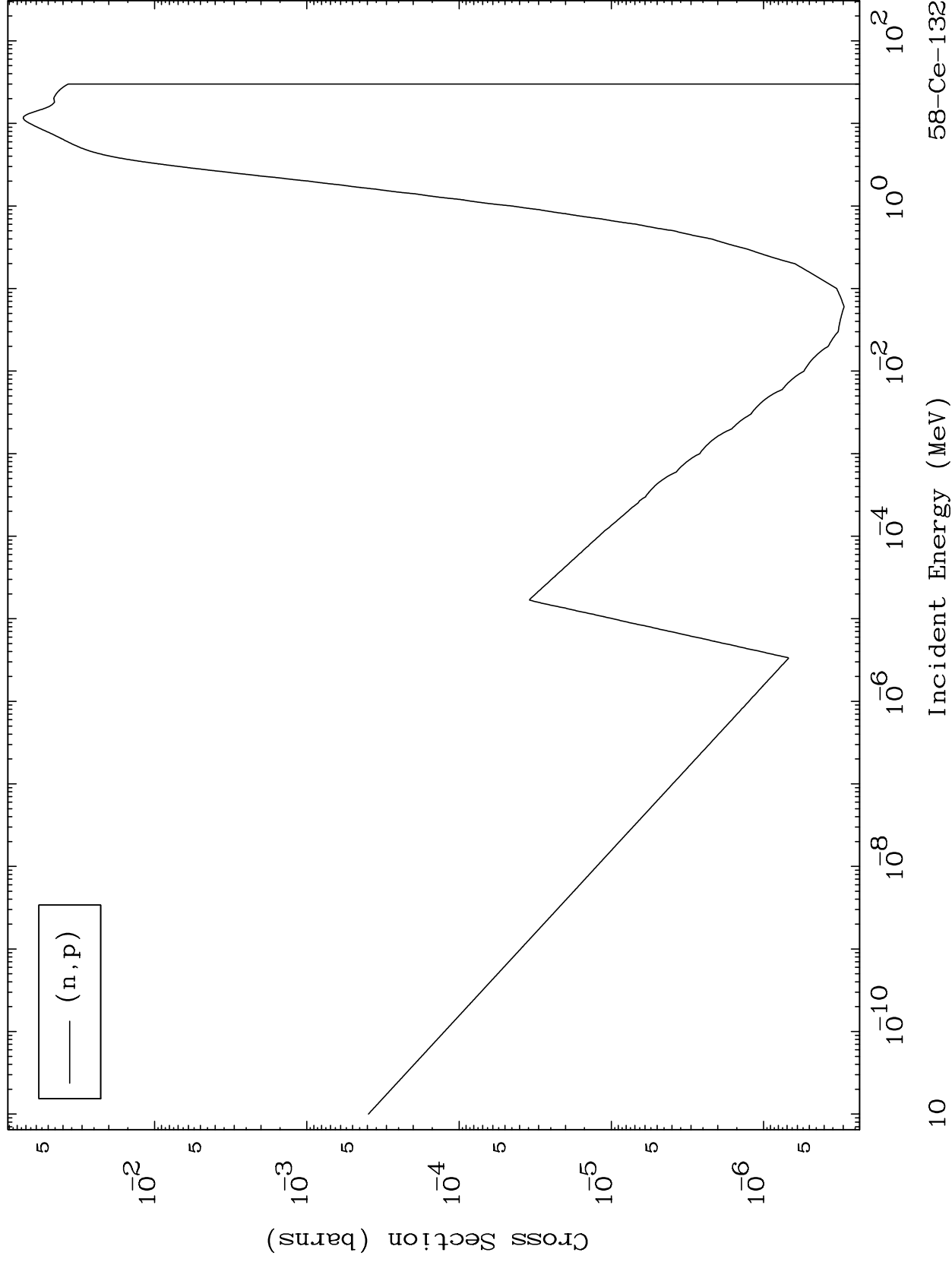
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,p) Levels
293 Kelvin Cross Sections

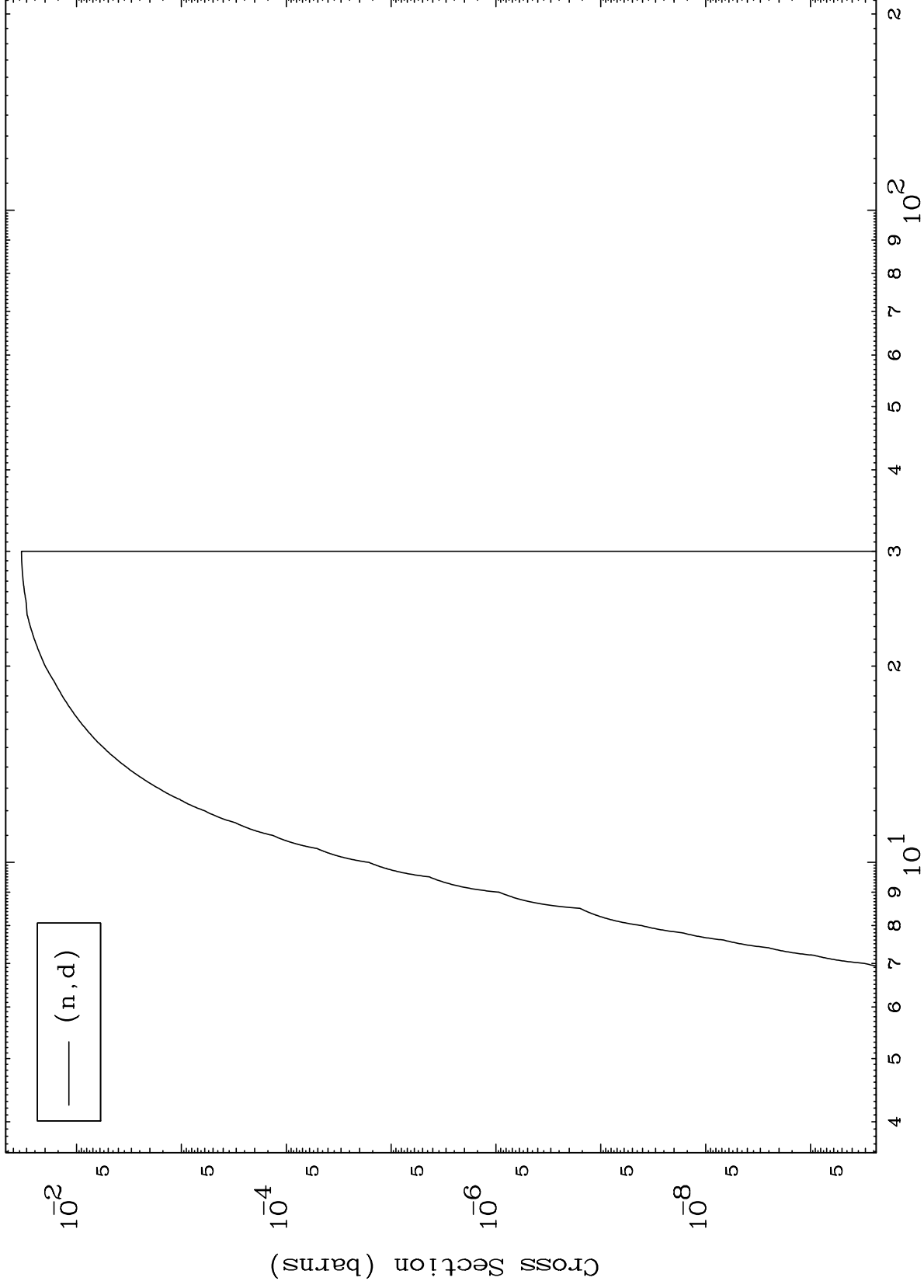
58-Ce-132



MAT 5813

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-132



11

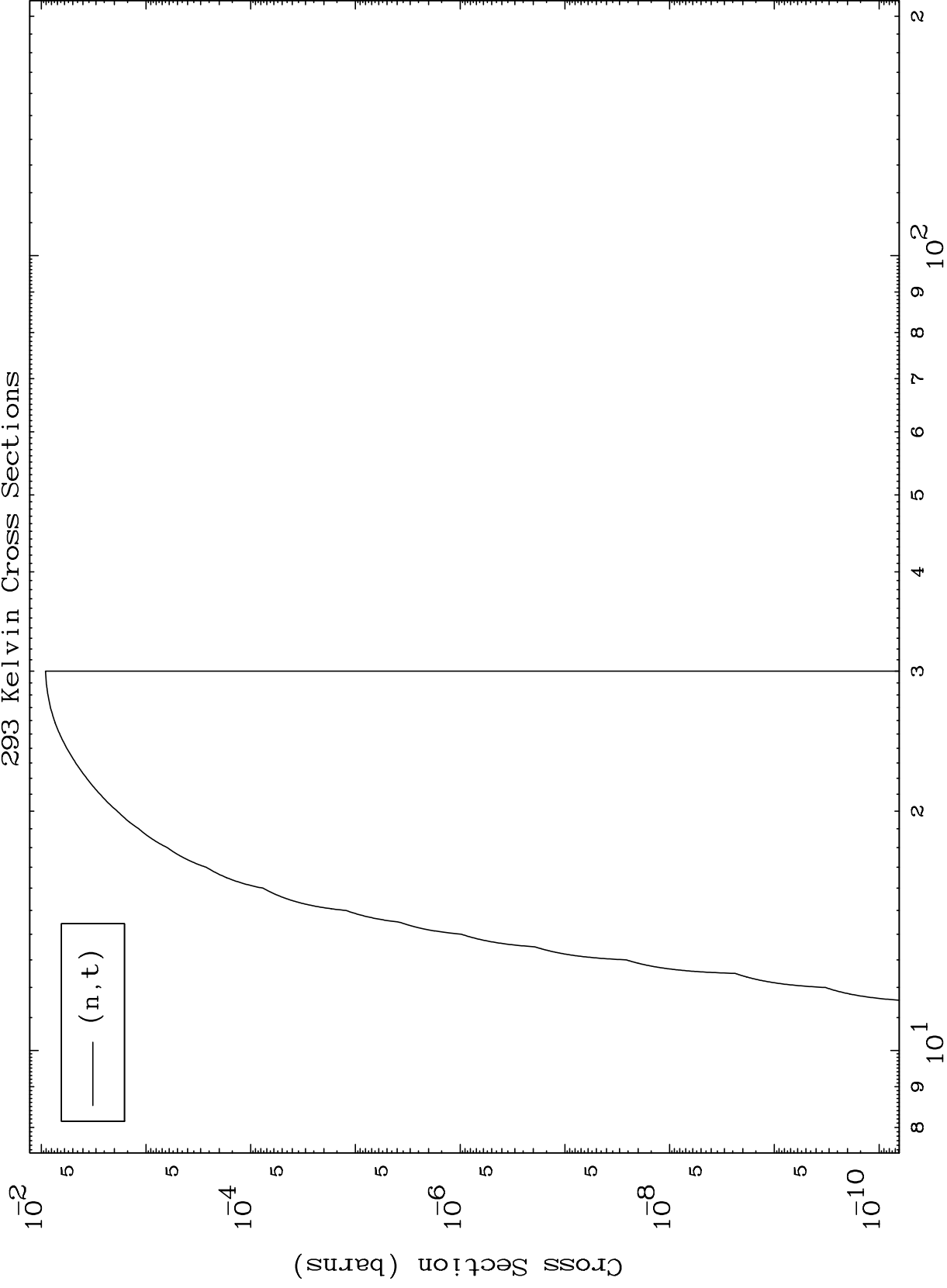
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-132



12

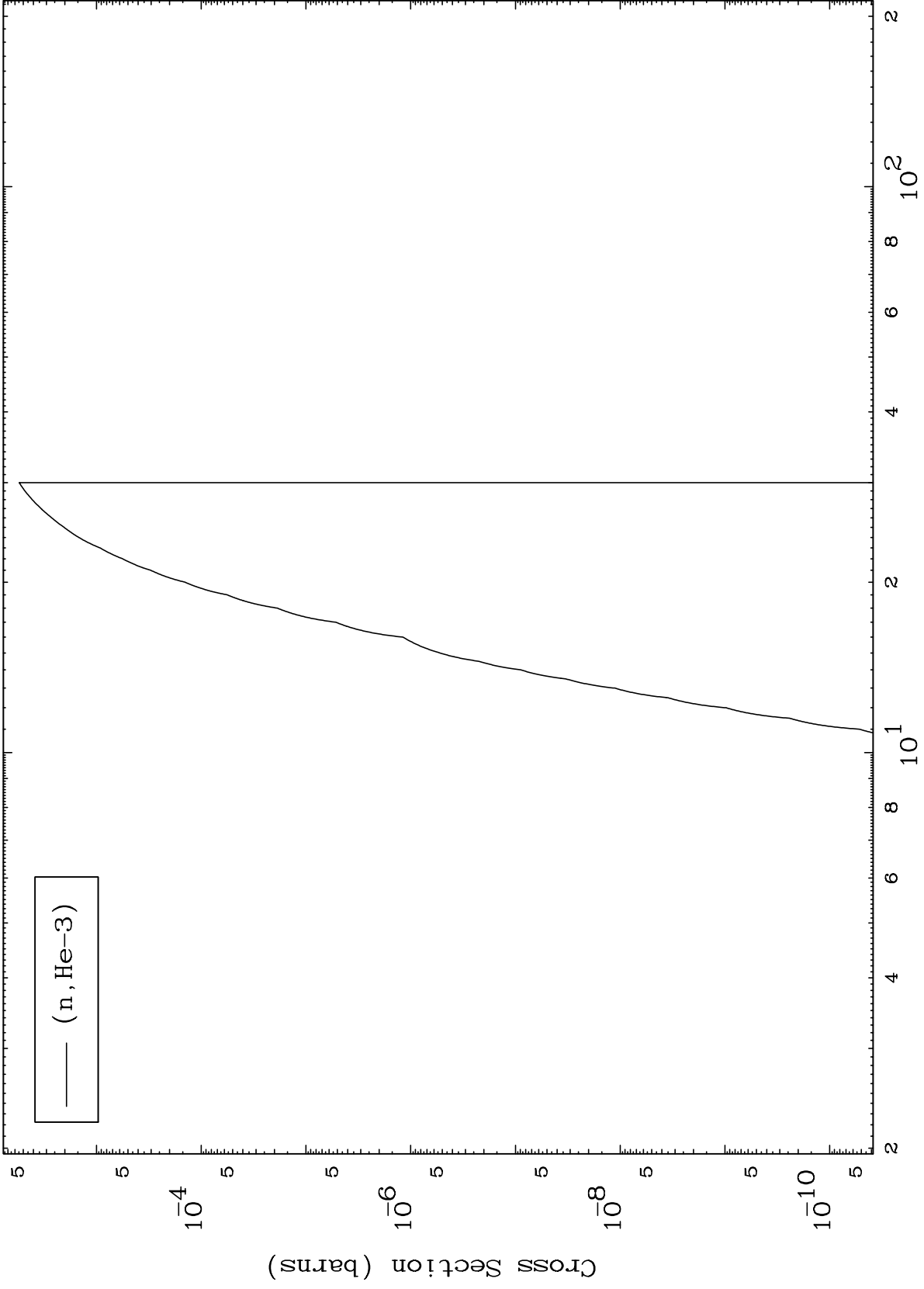
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-132



13

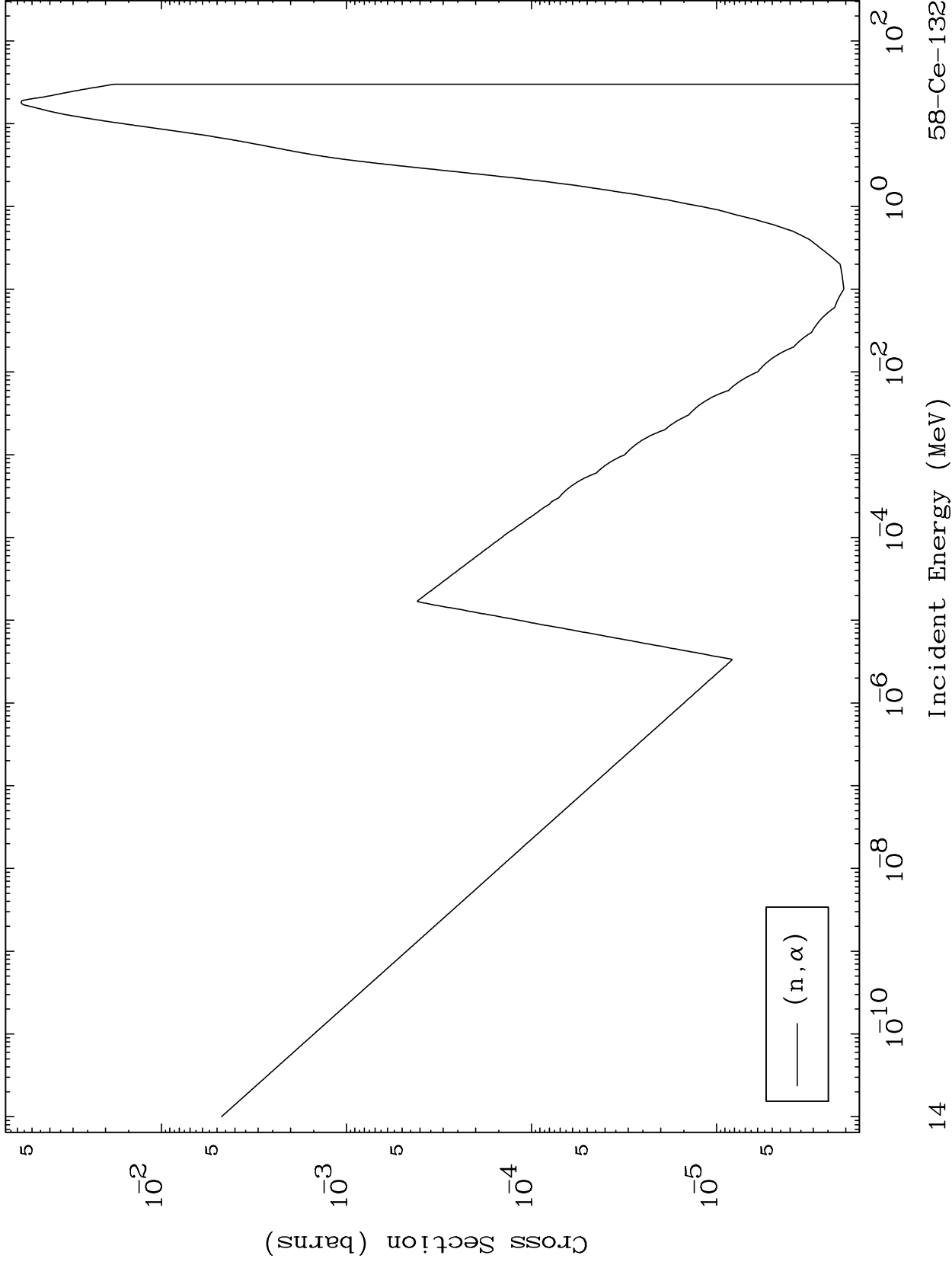
Incident Energy (MeV)

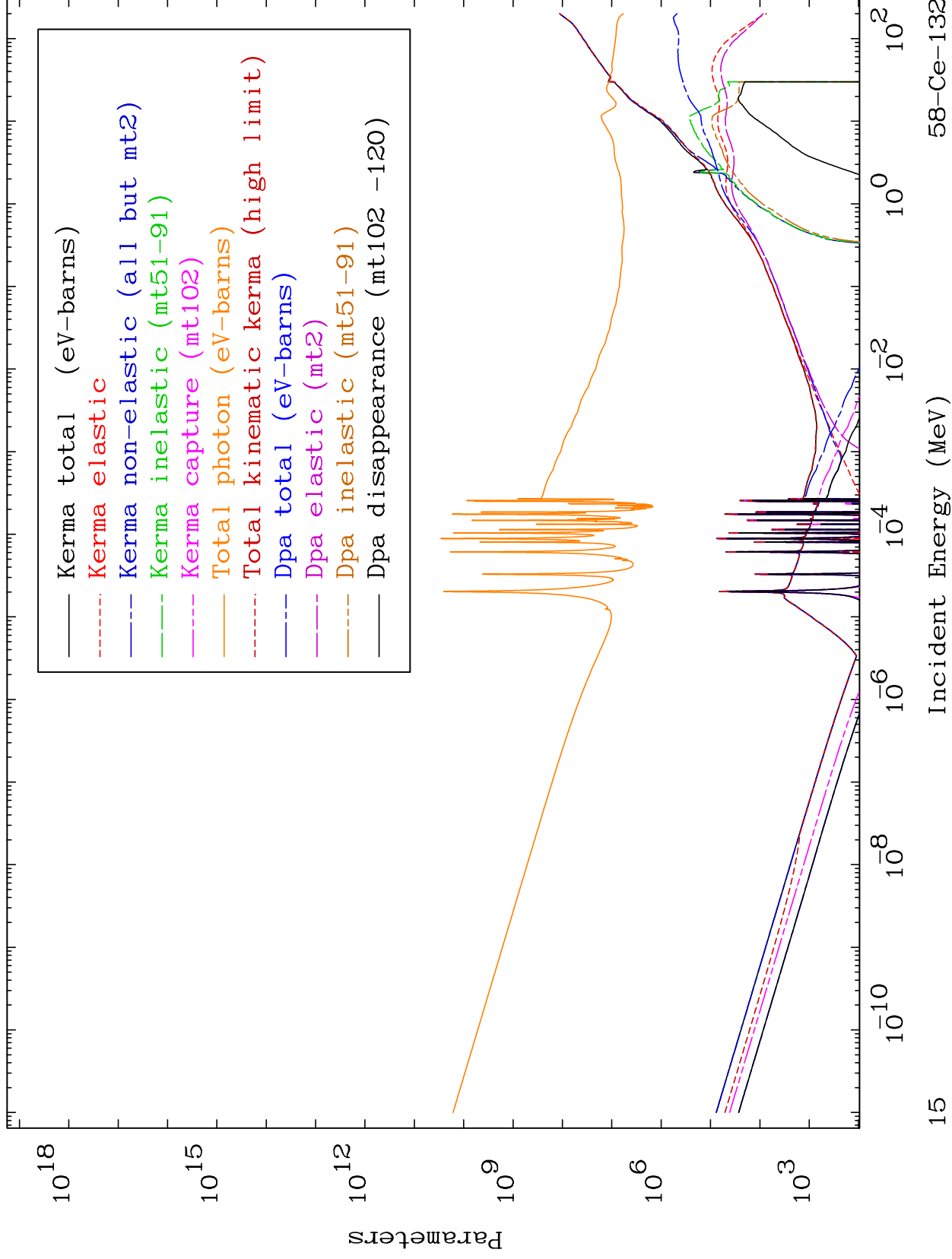
58-Ce-132

MAT 5813

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-132

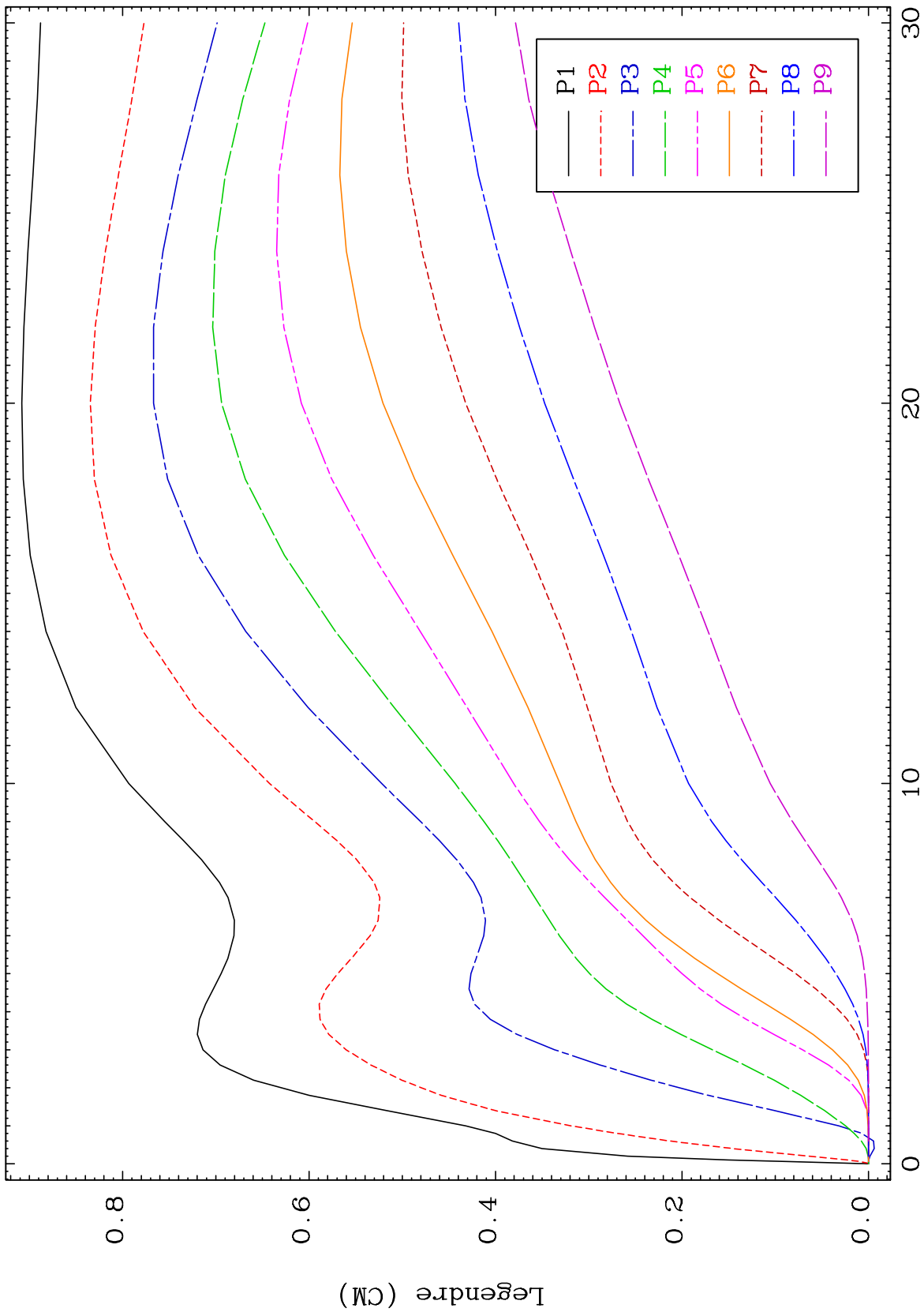




MAT 5813

Elastic Legendre Coefficients

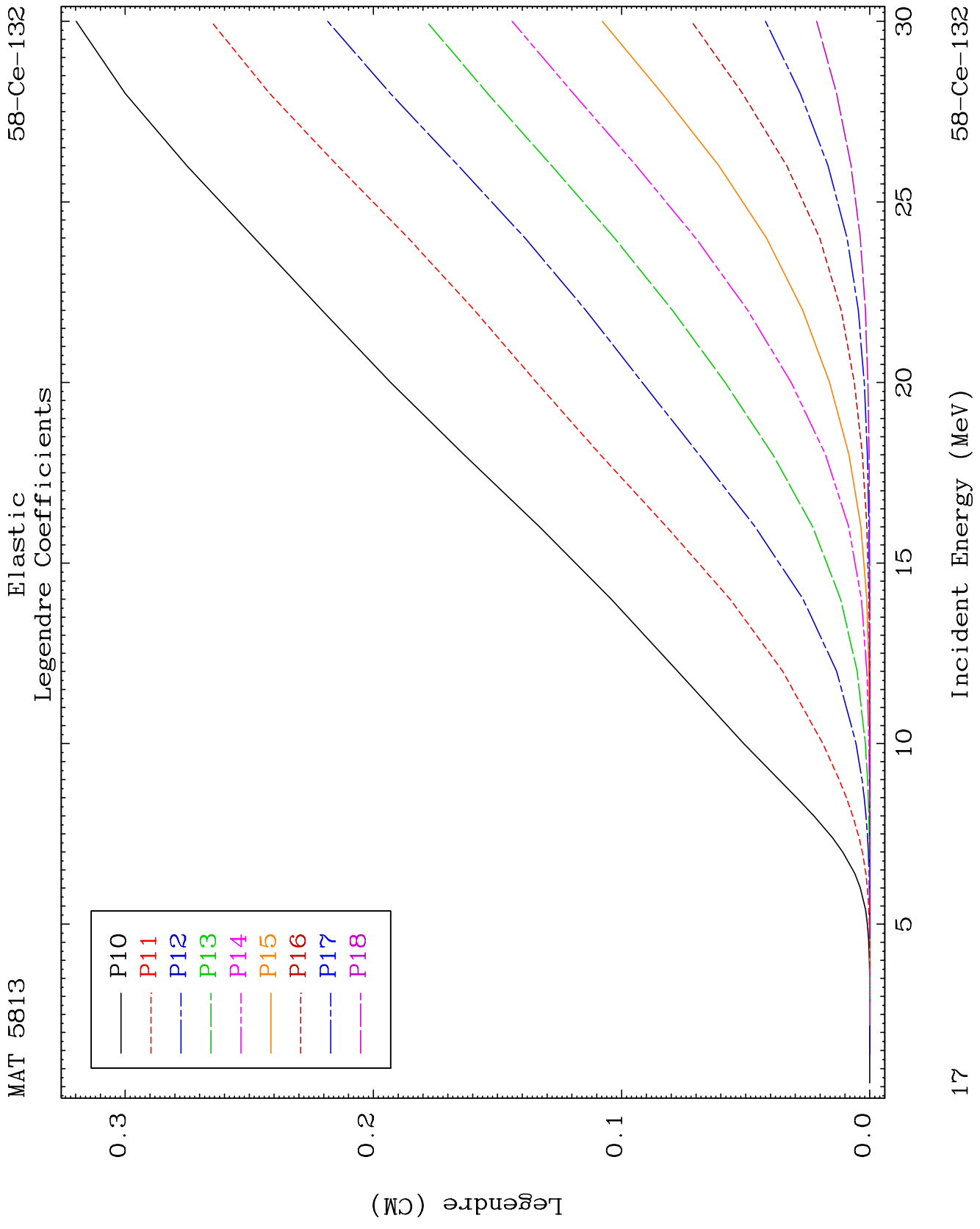
58-Ce-132



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Incident Energy (MeV)

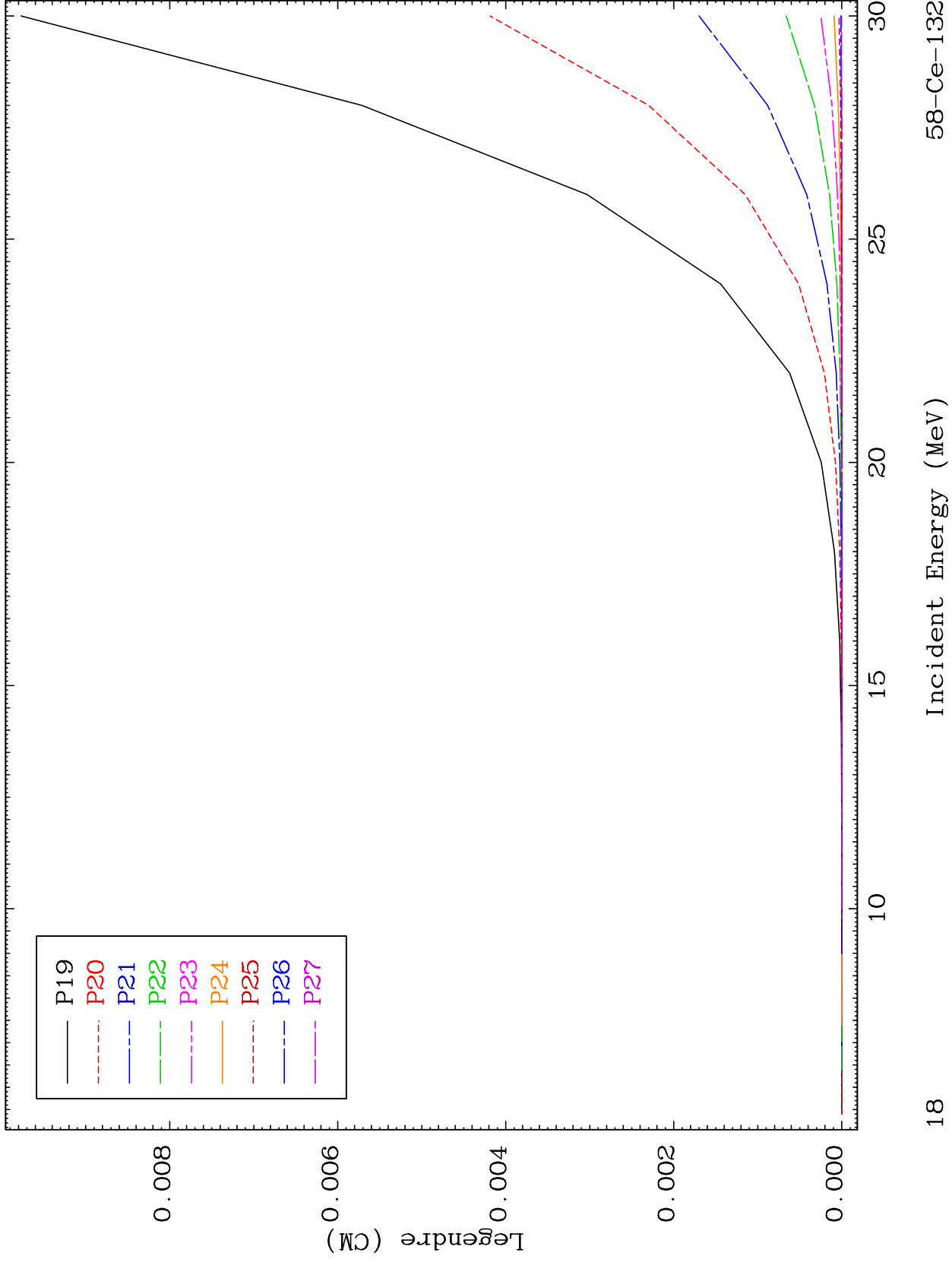
58-Ce-132



MAT 5813

Elastic Legendre Coefficients

58-Ce-132



18

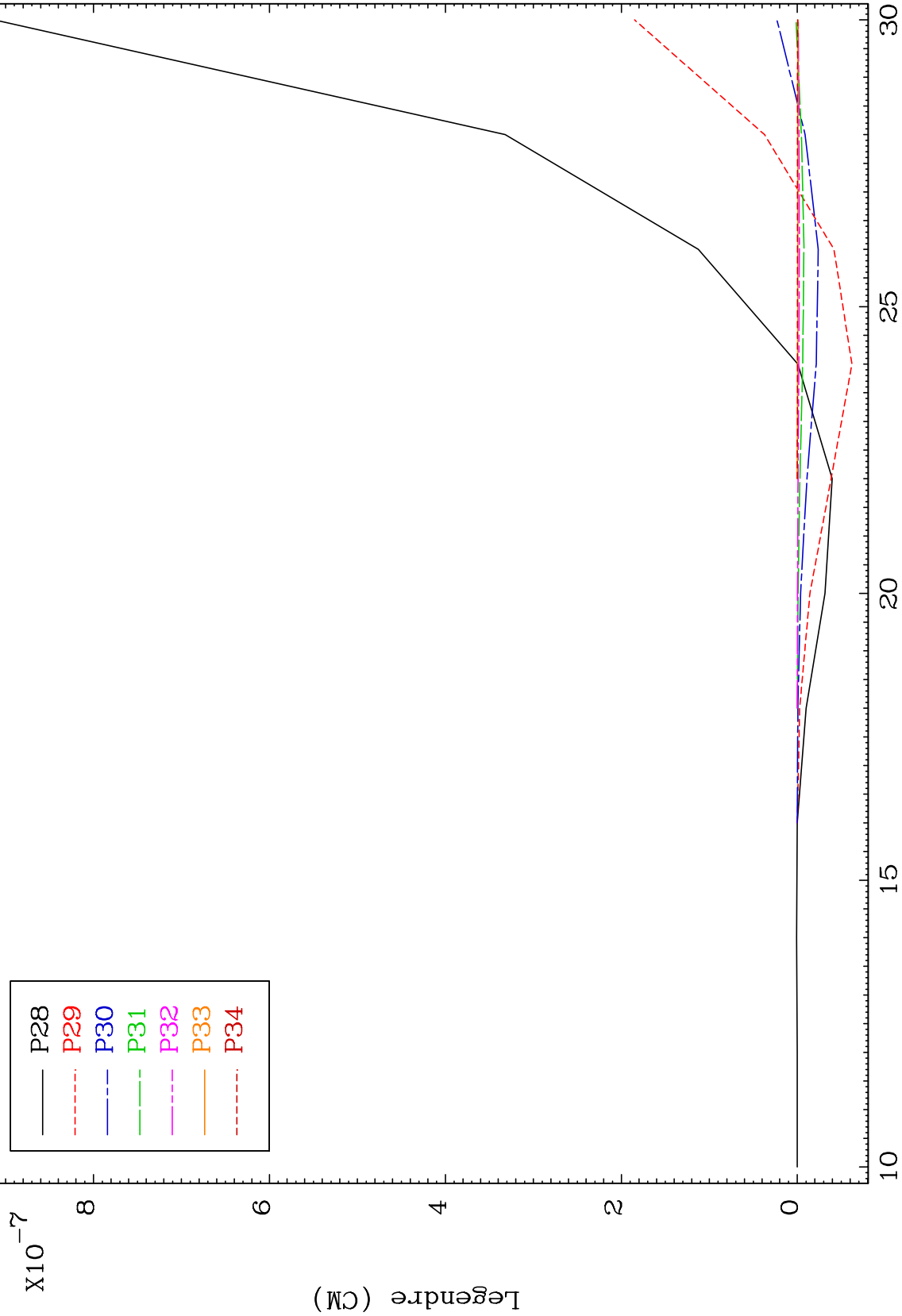
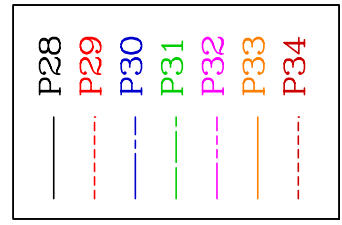
Incident Energy (MeV)

58-Ce-132

MAT 5813

Elastic Legendre Coefficients

58-Ce-132



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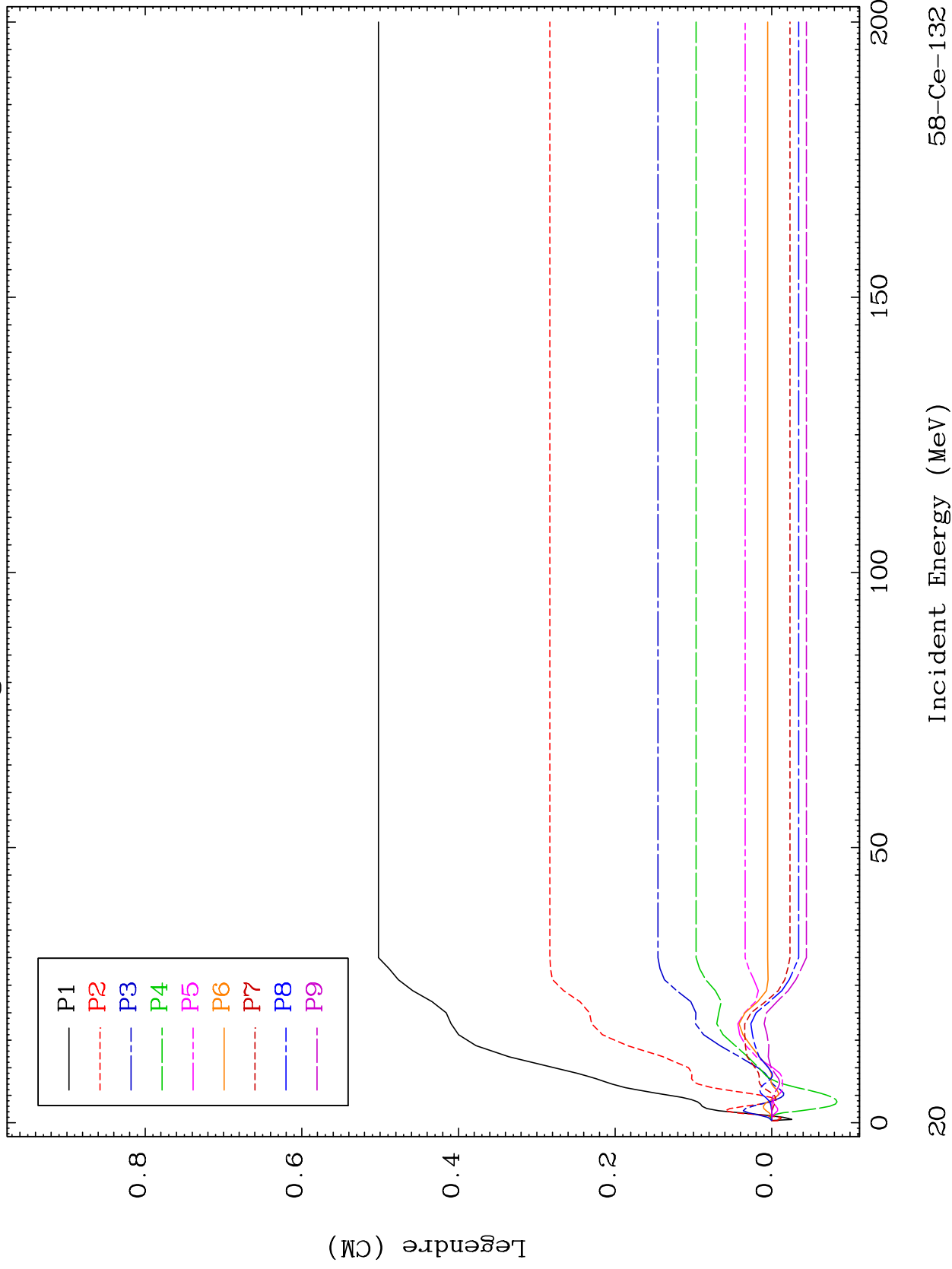
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



58-Ce-132

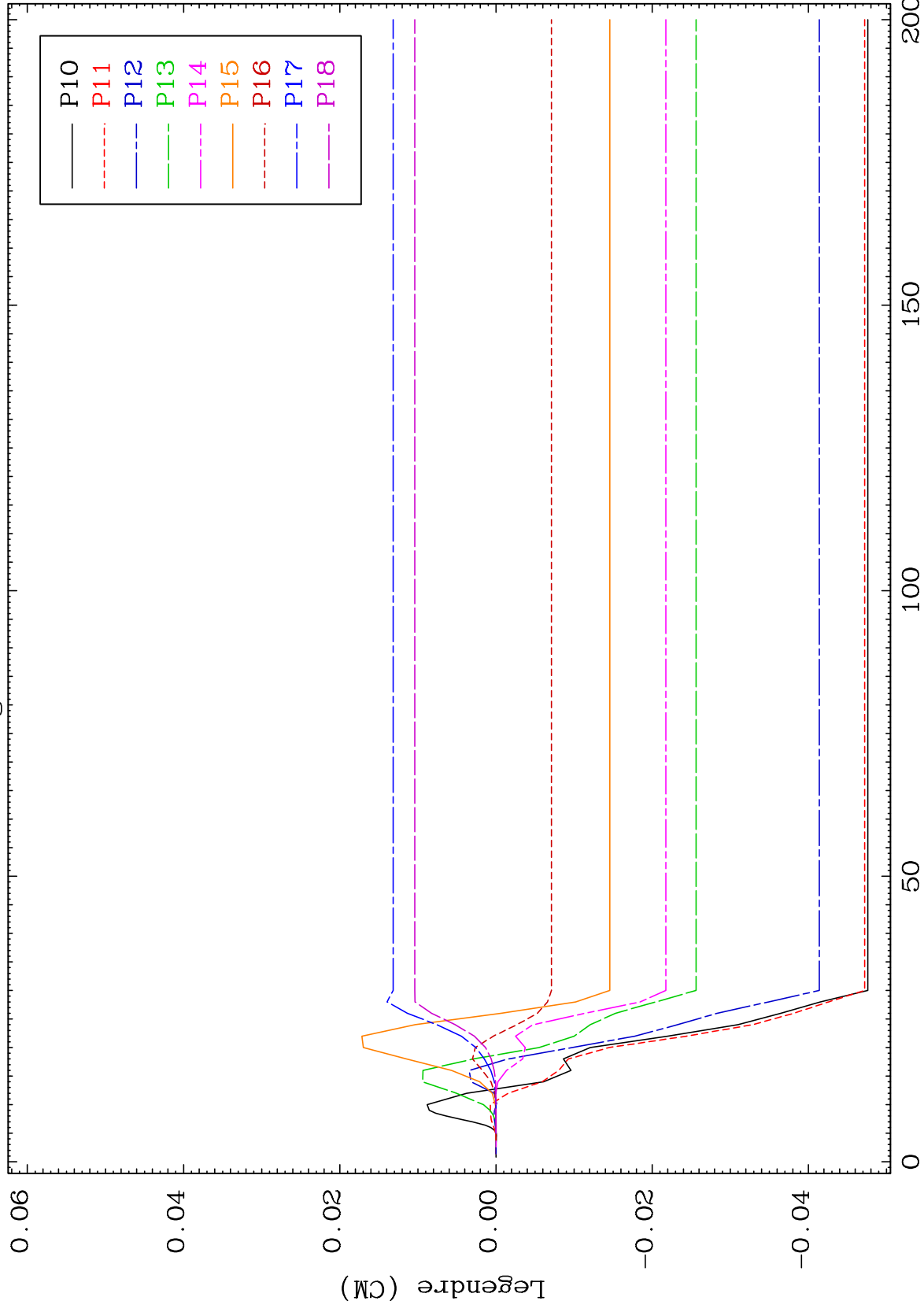
Incident Energy (MeV)

0

MAT 5813

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

58-Ce-132



21

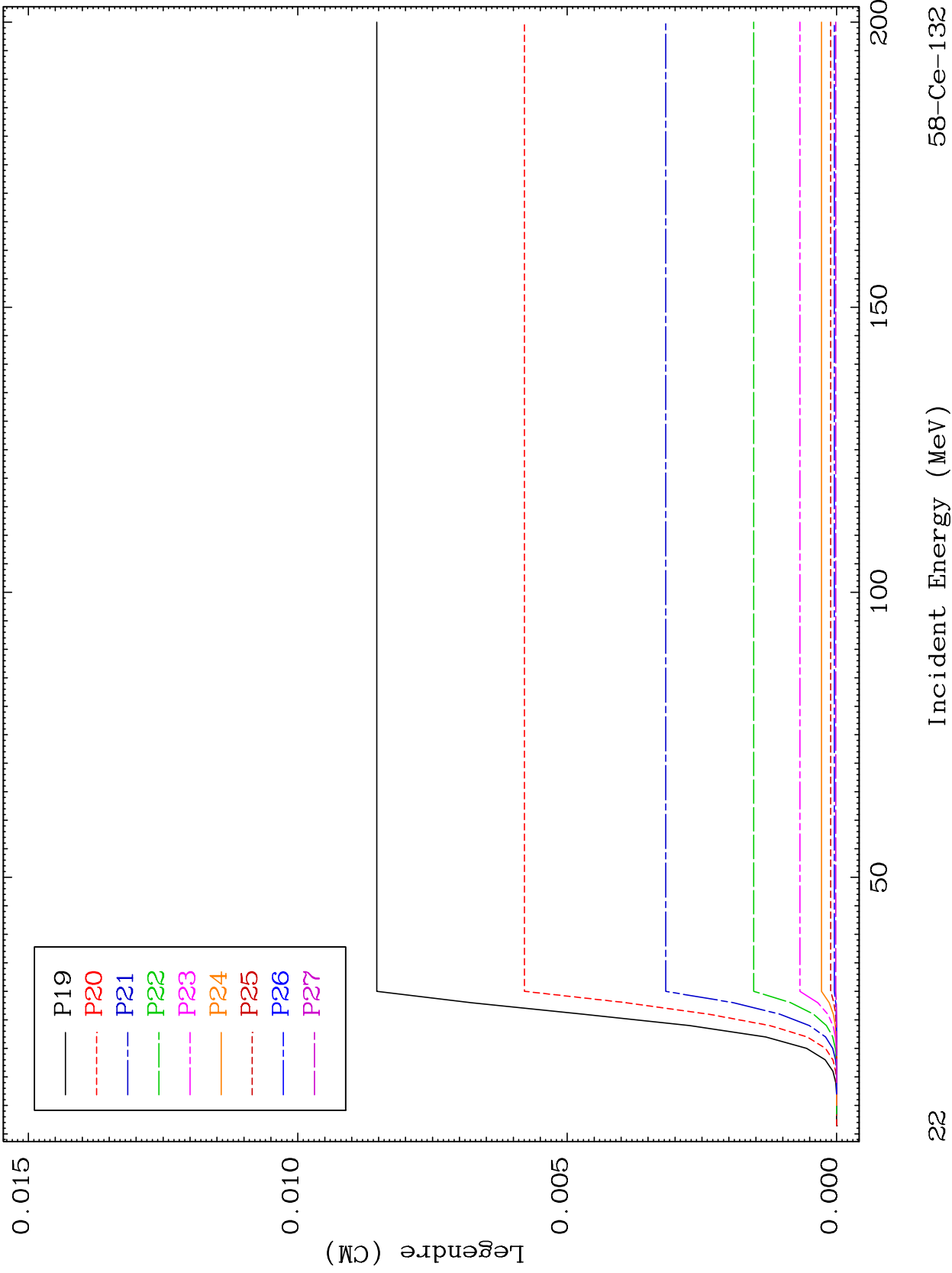
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



22

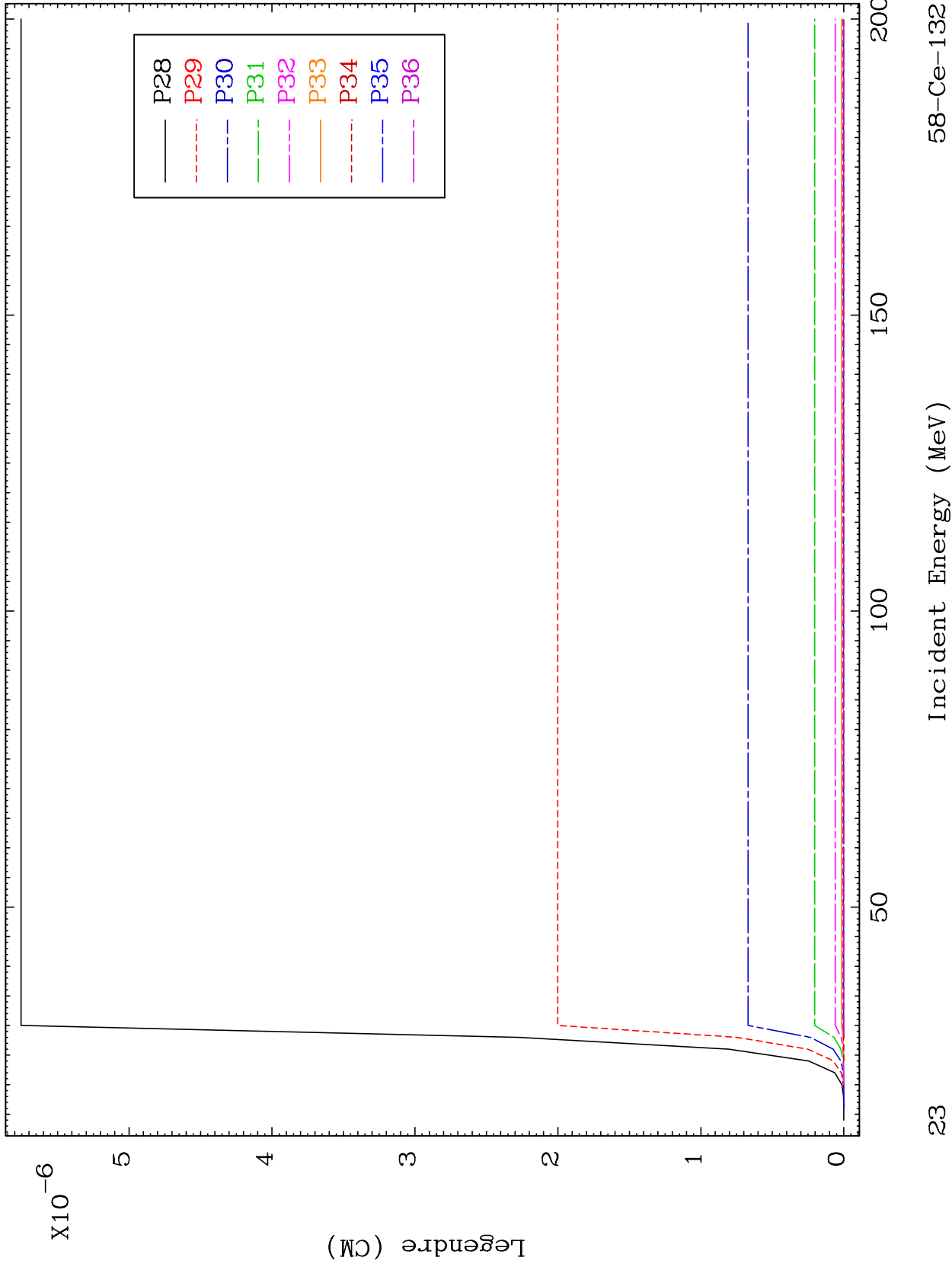
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



23

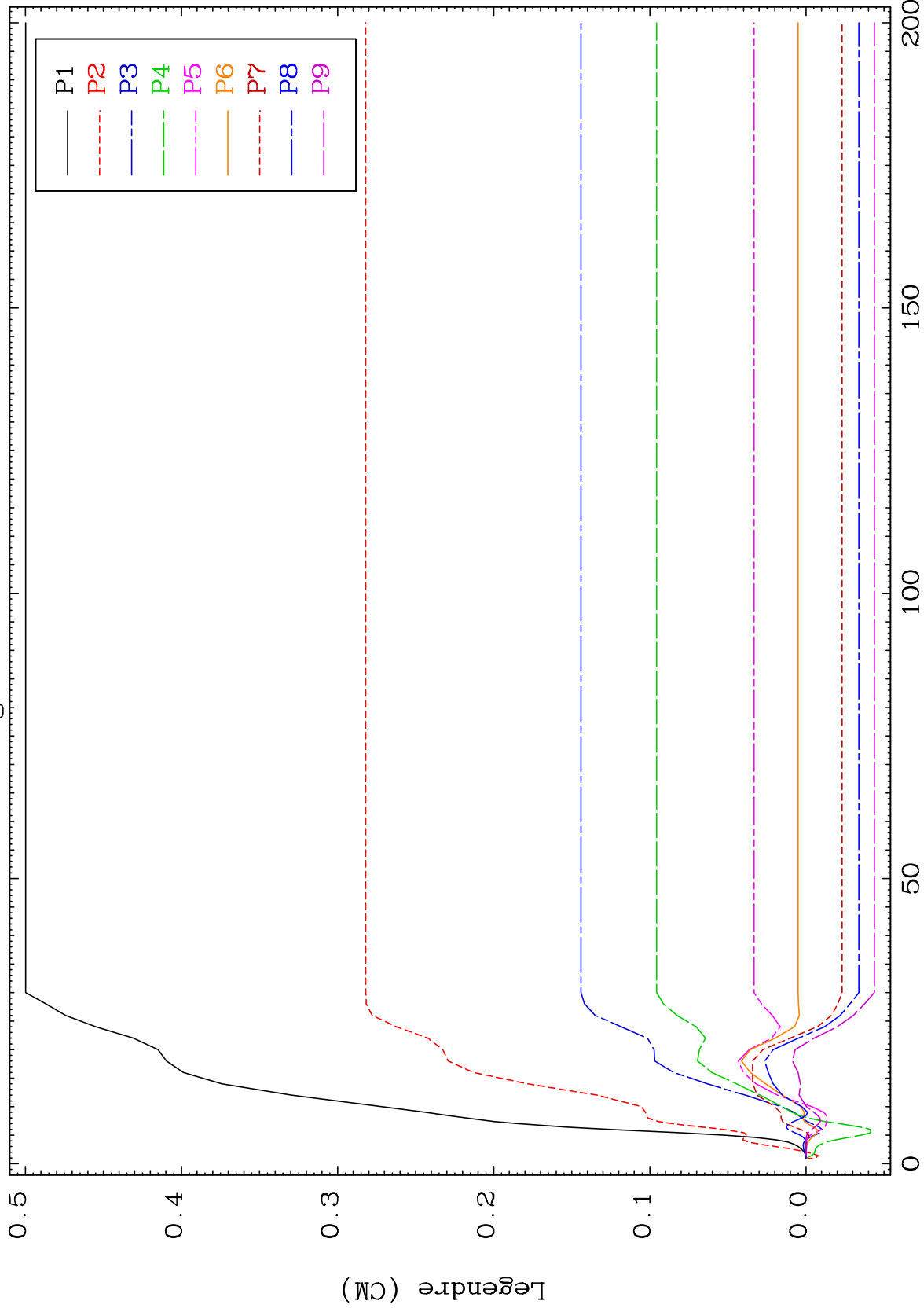
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

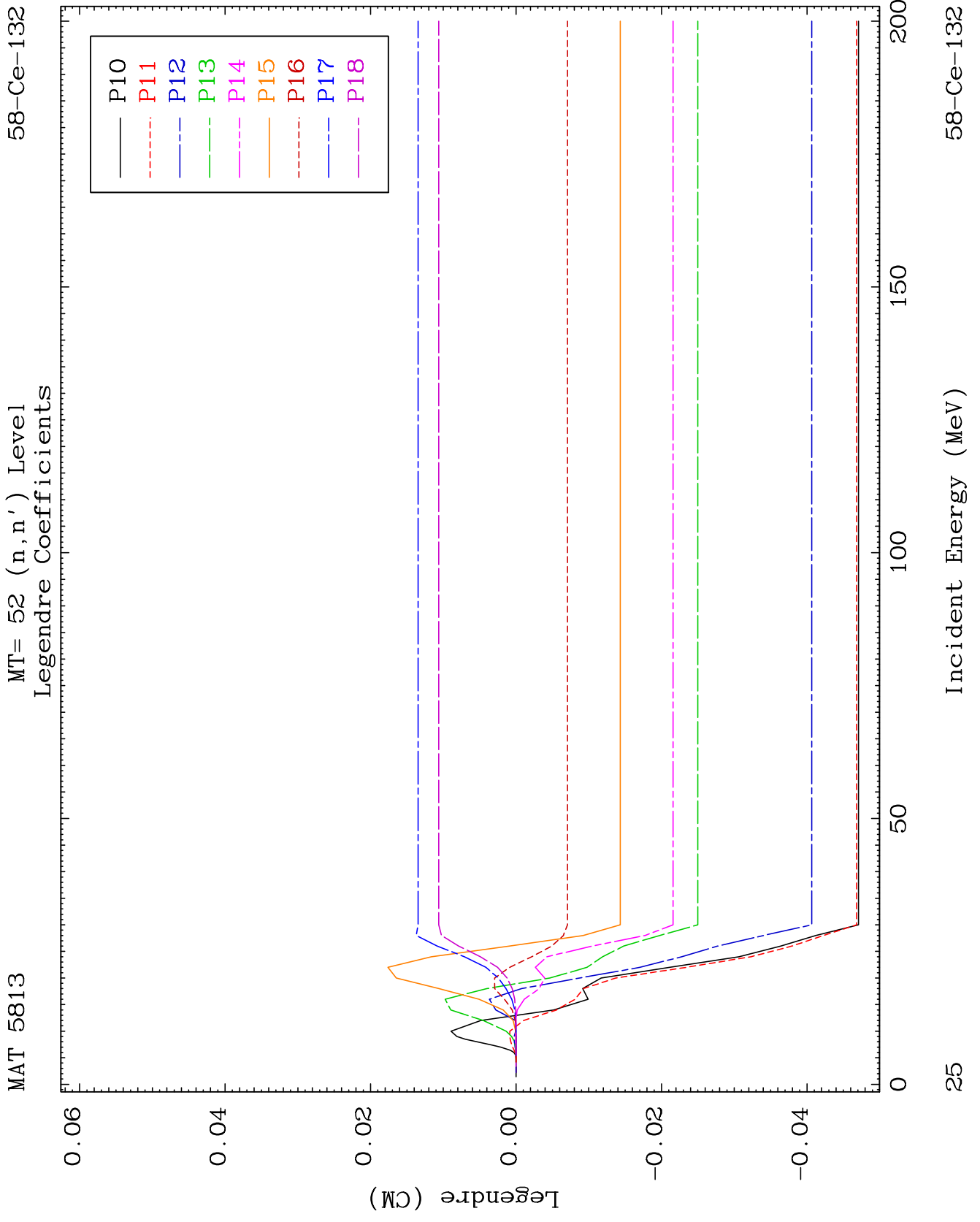
58-Ce-132



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Incident Energy (MeV)

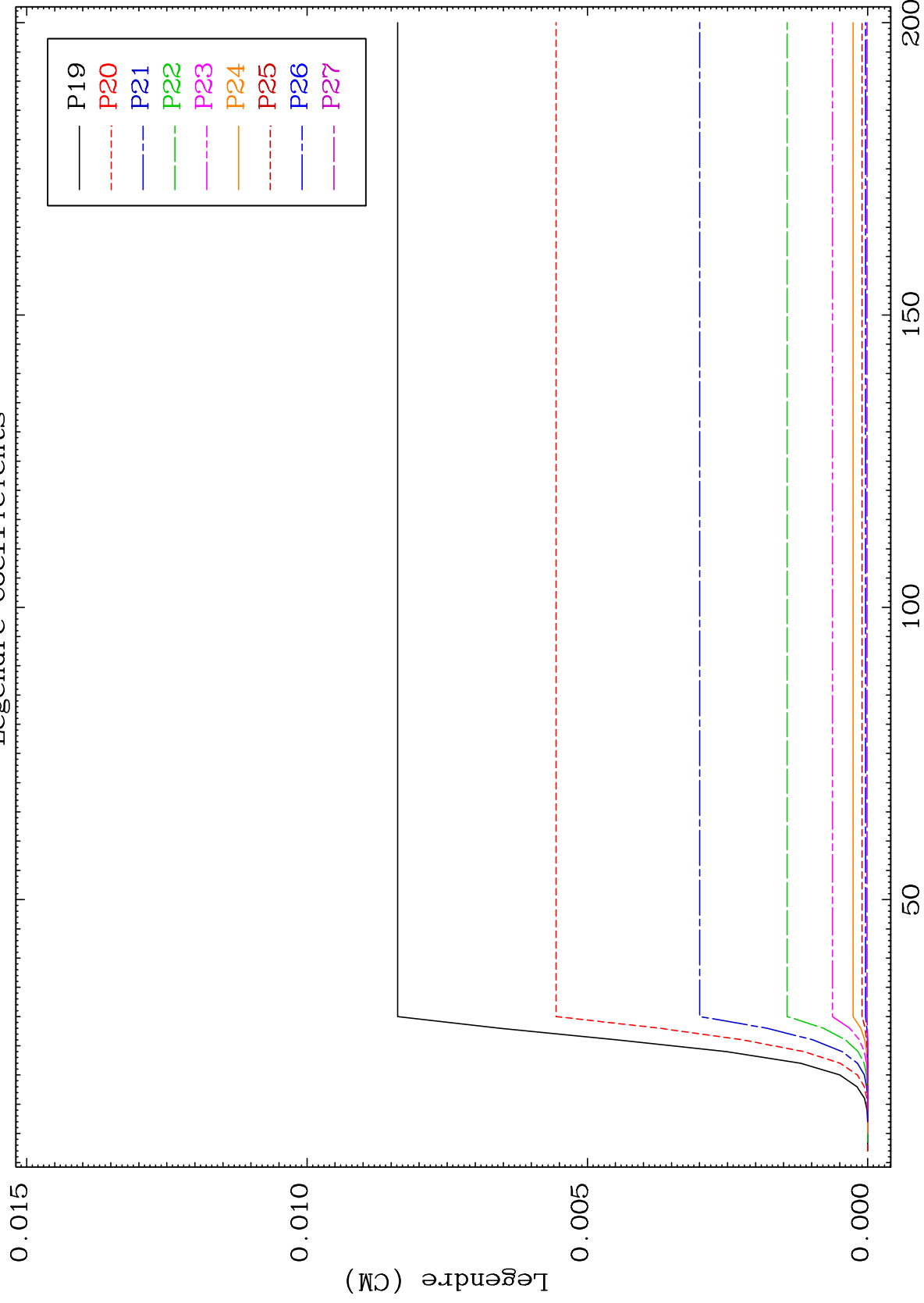
58-Ce-132



MAT 5813

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

58-Ce-132



26

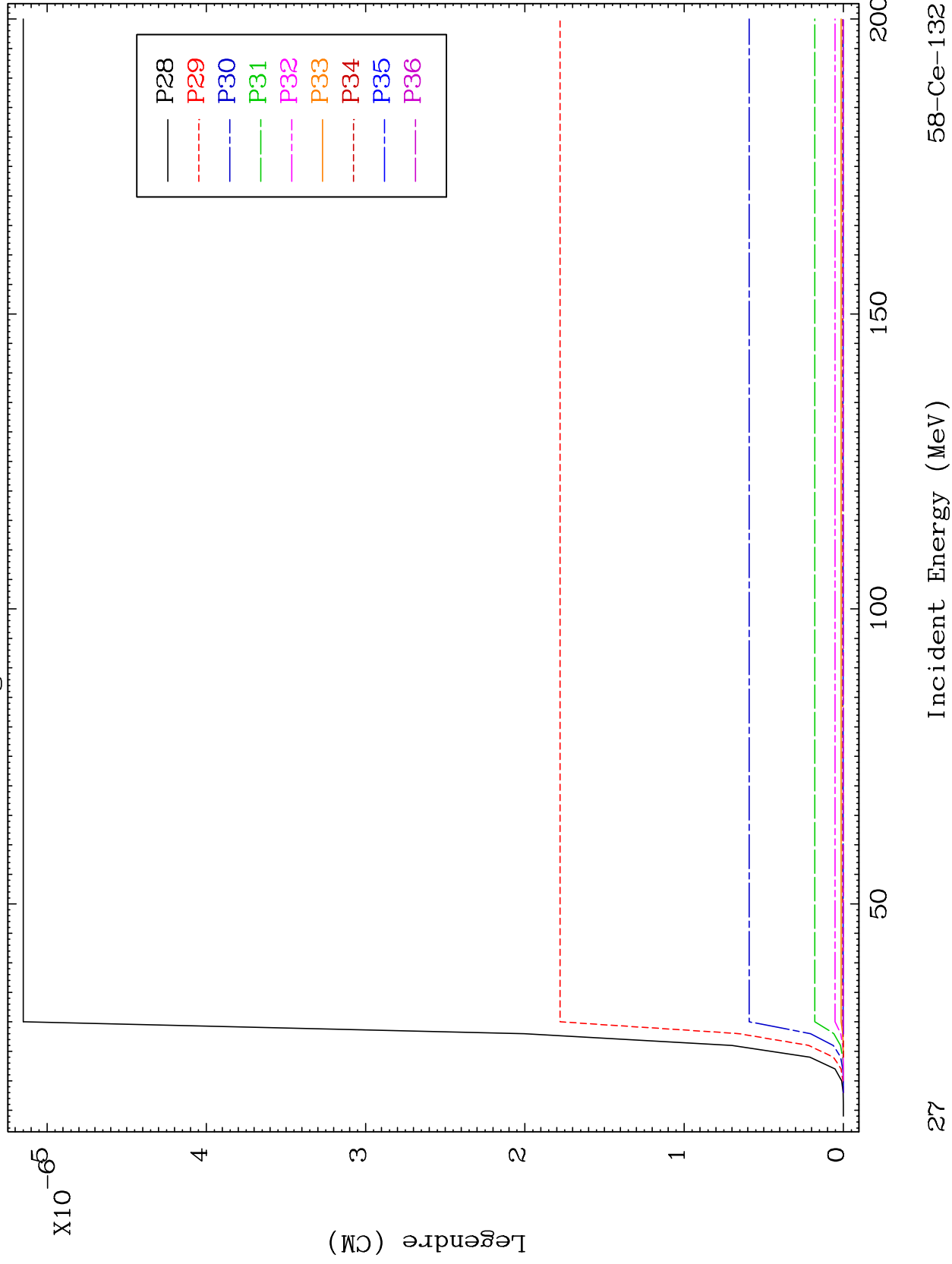
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

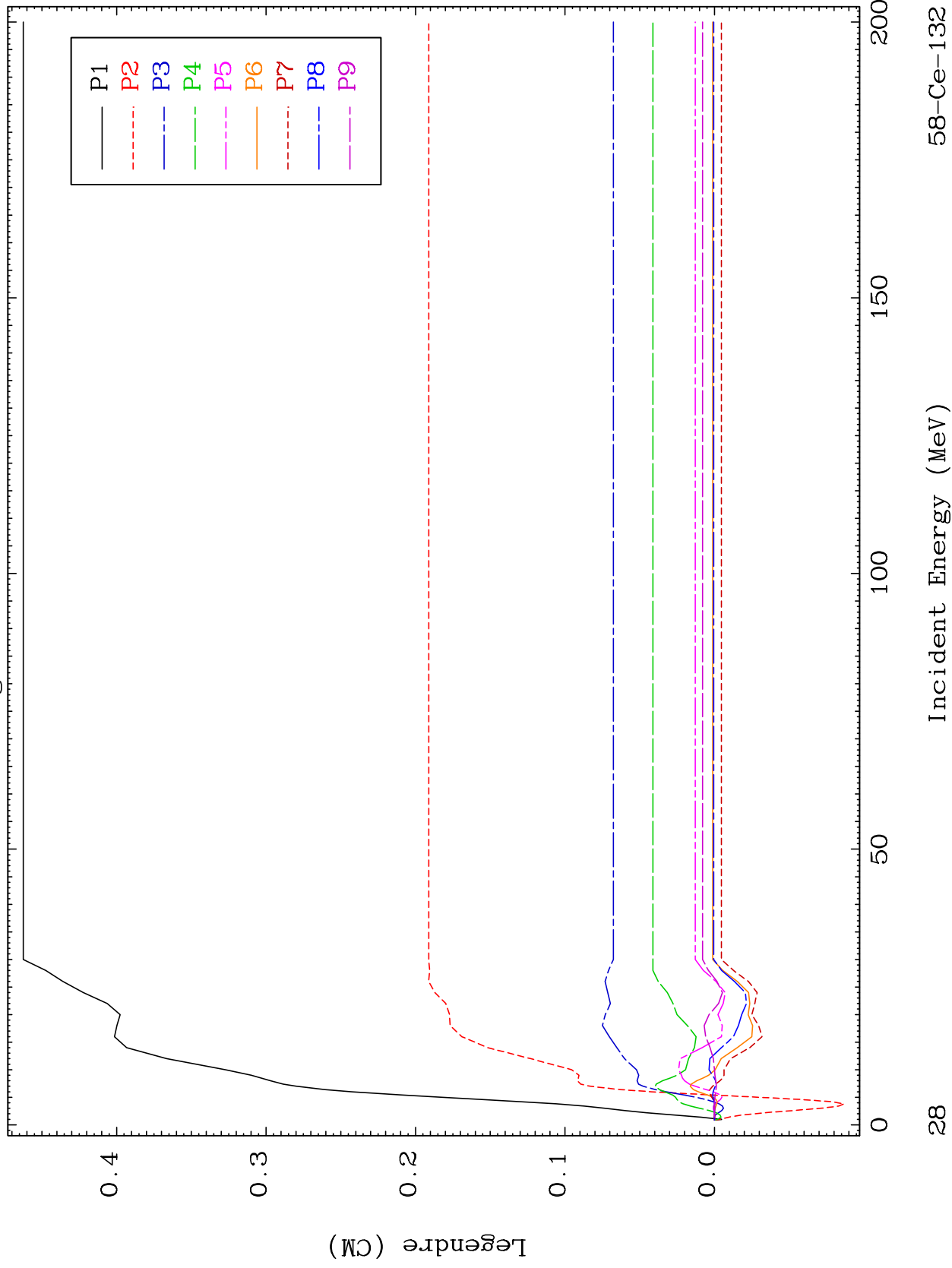
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

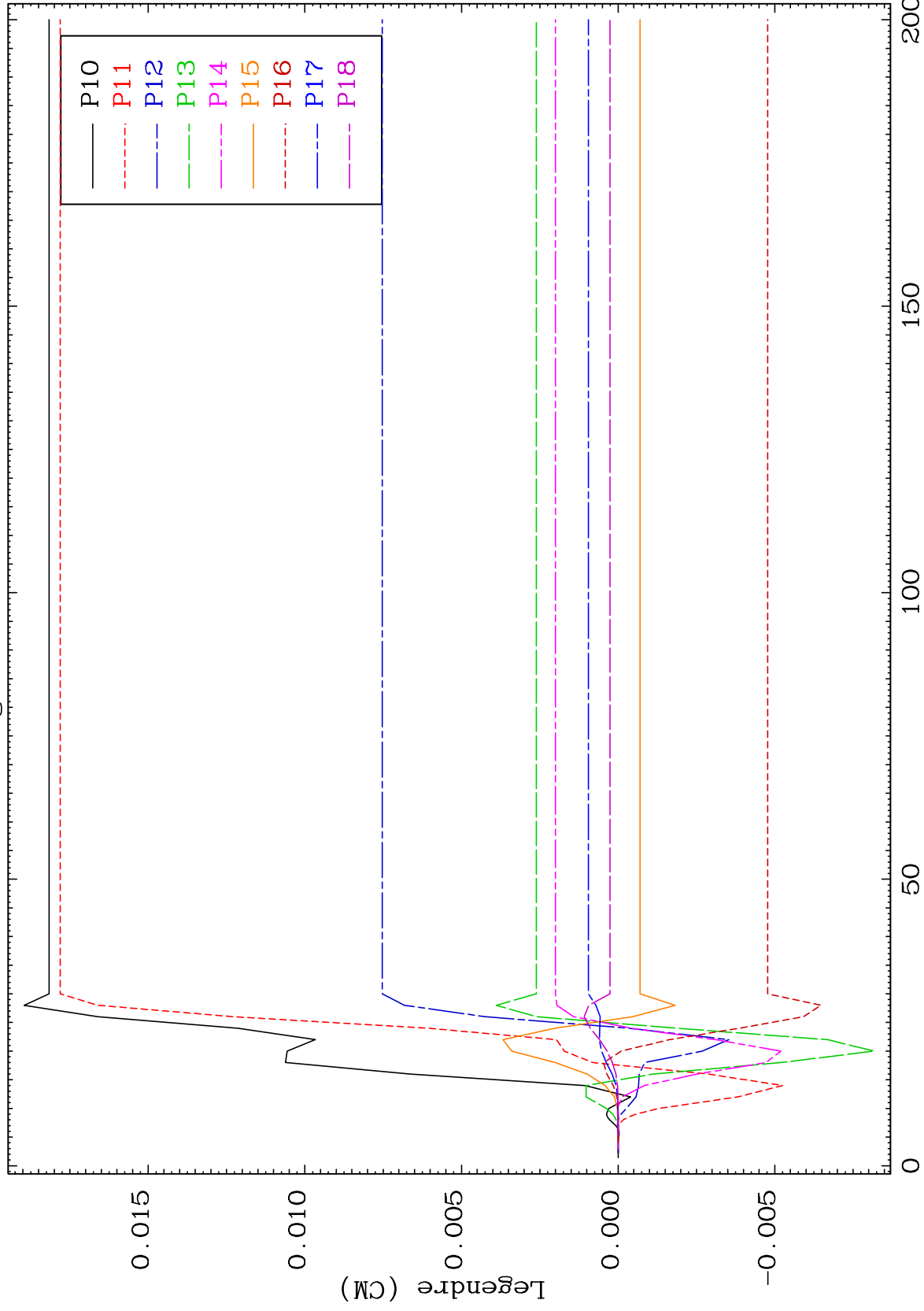
Incident Energy (MeV)

28

MAT 5813

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

58-Ce-132



29

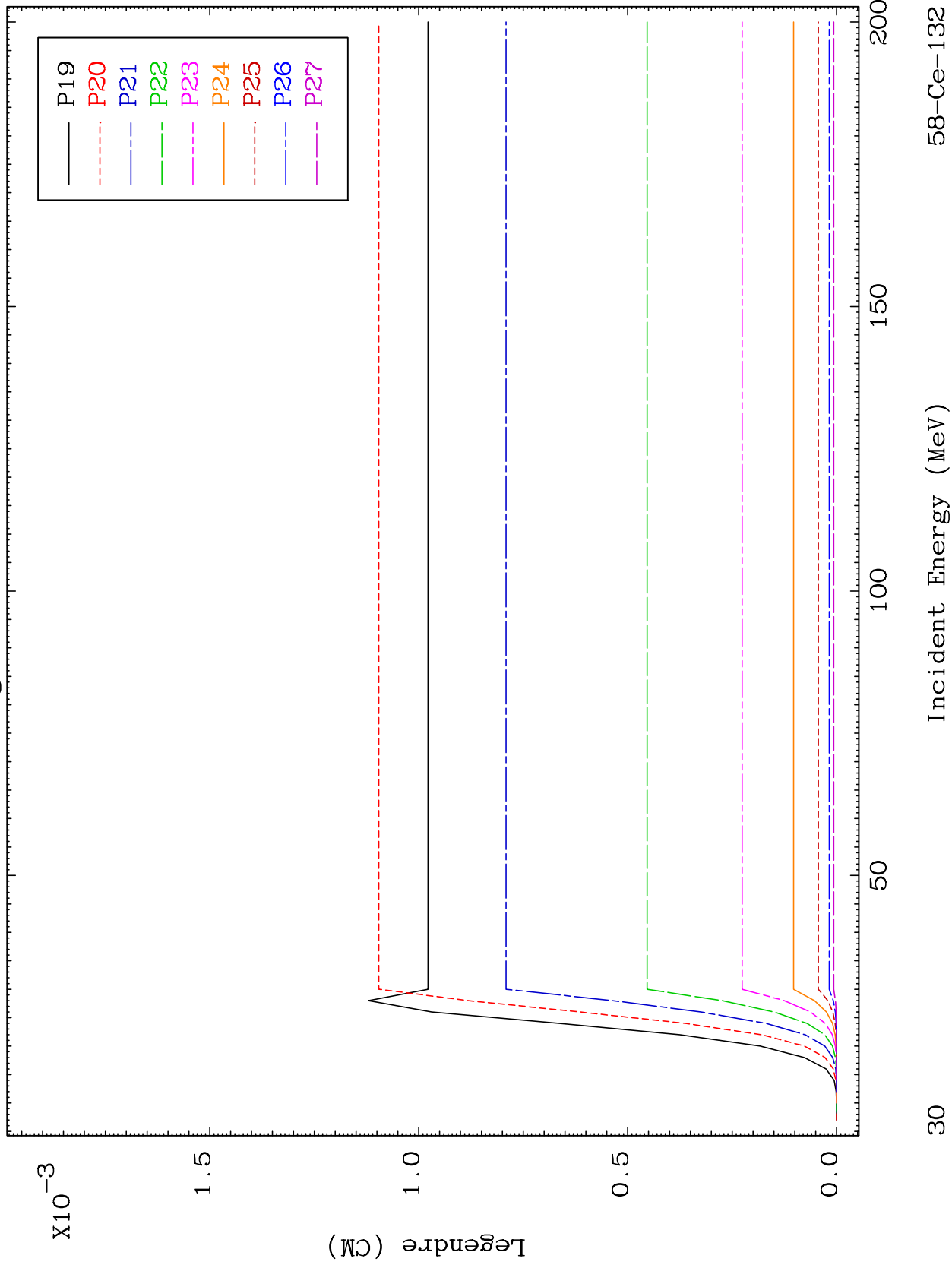
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

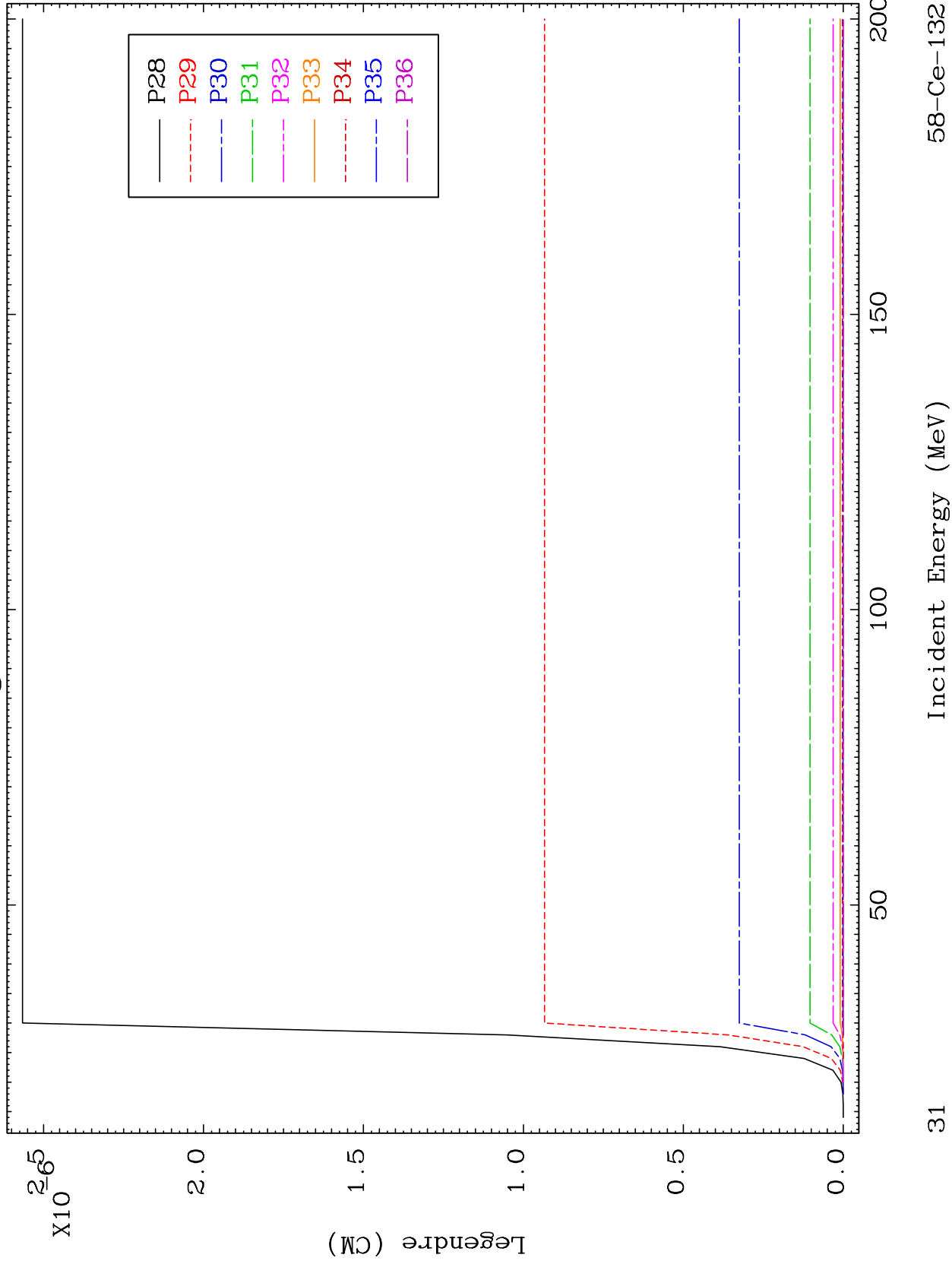
58-Ce-132



MAT 5813

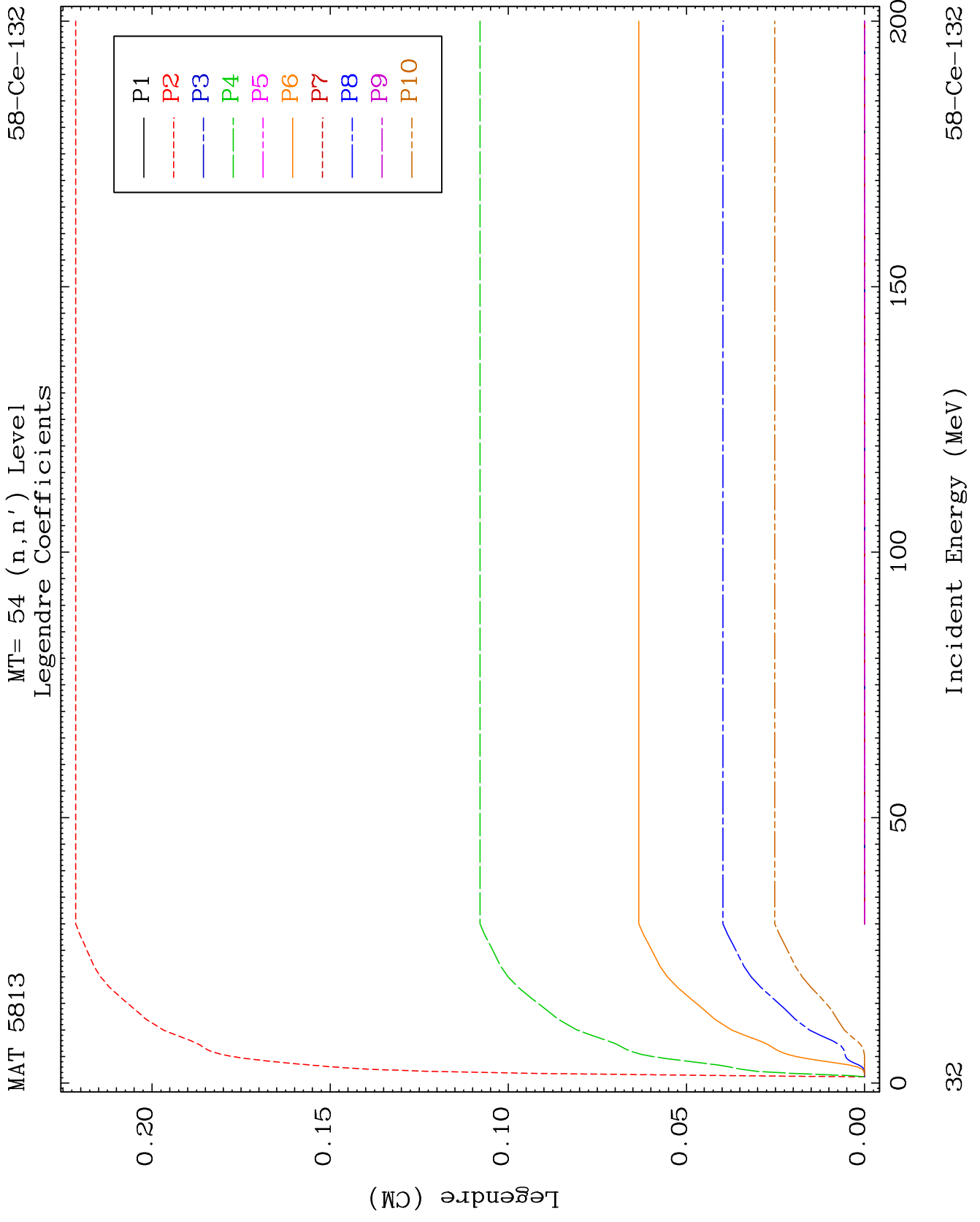
MT= 53 (n,n') Level
Legendre Coefficients

58-Ce-132



31

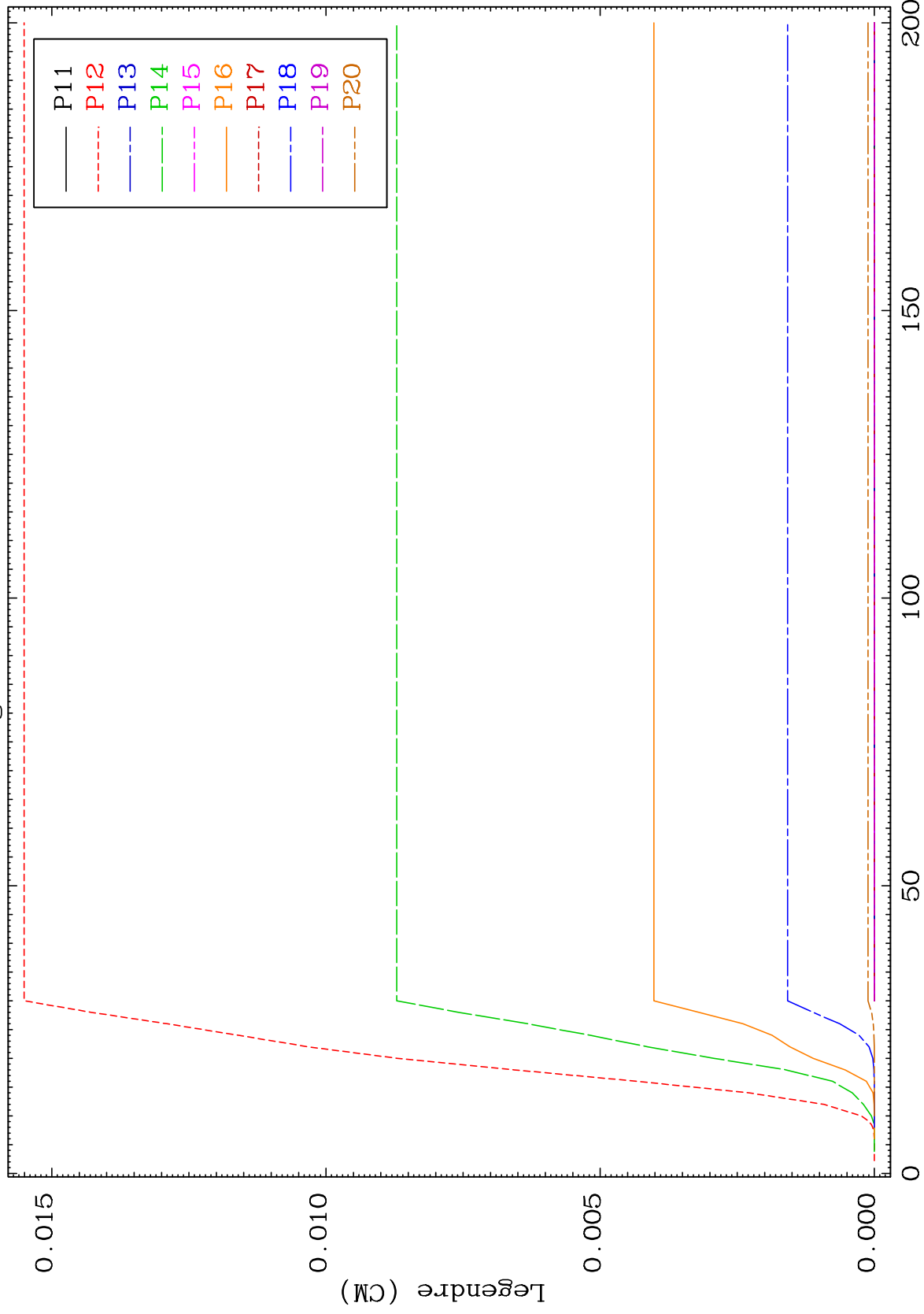
58-Ce-132



MAT 5813

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

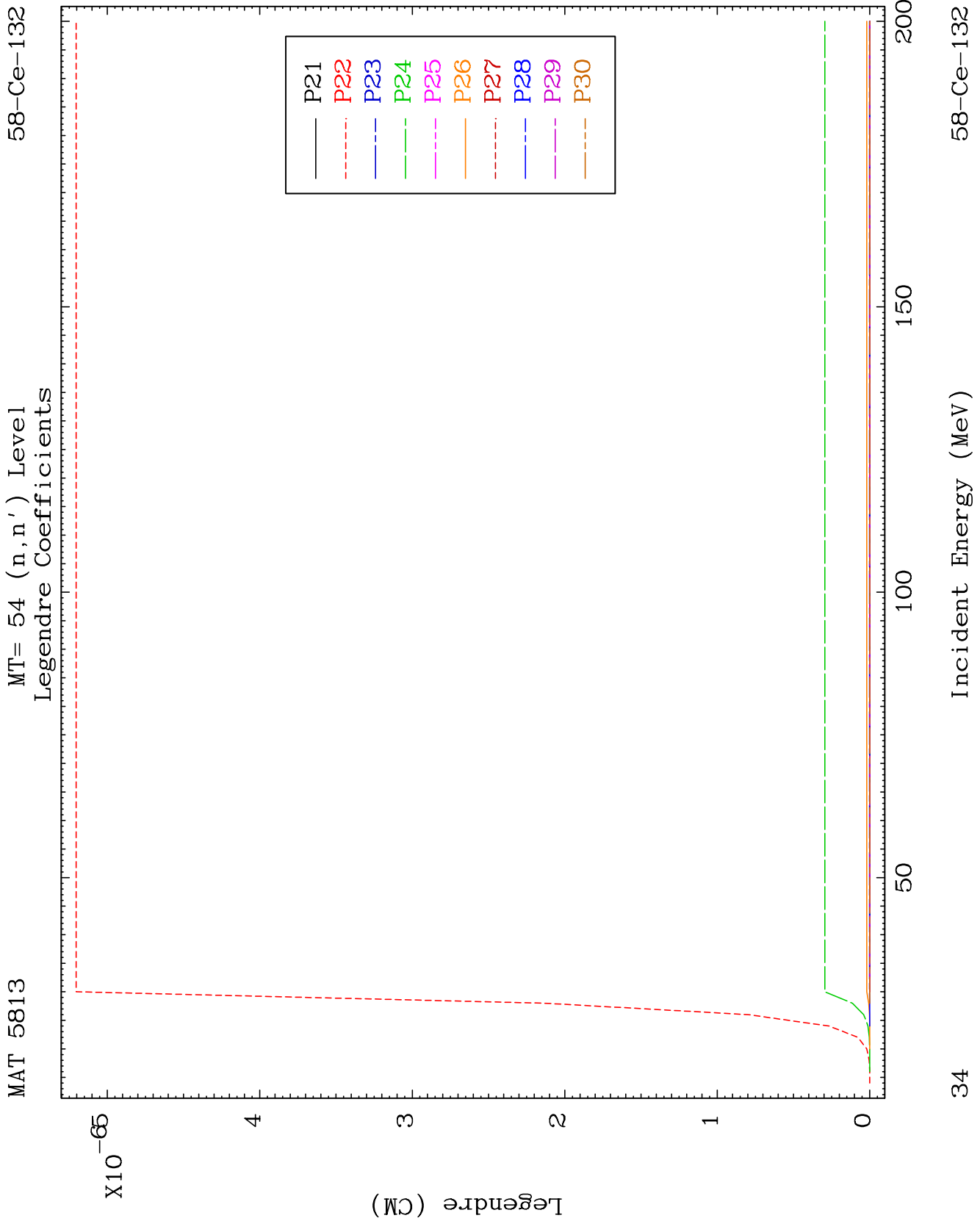
58-Ce-132



33

Incident Energy (MeV)

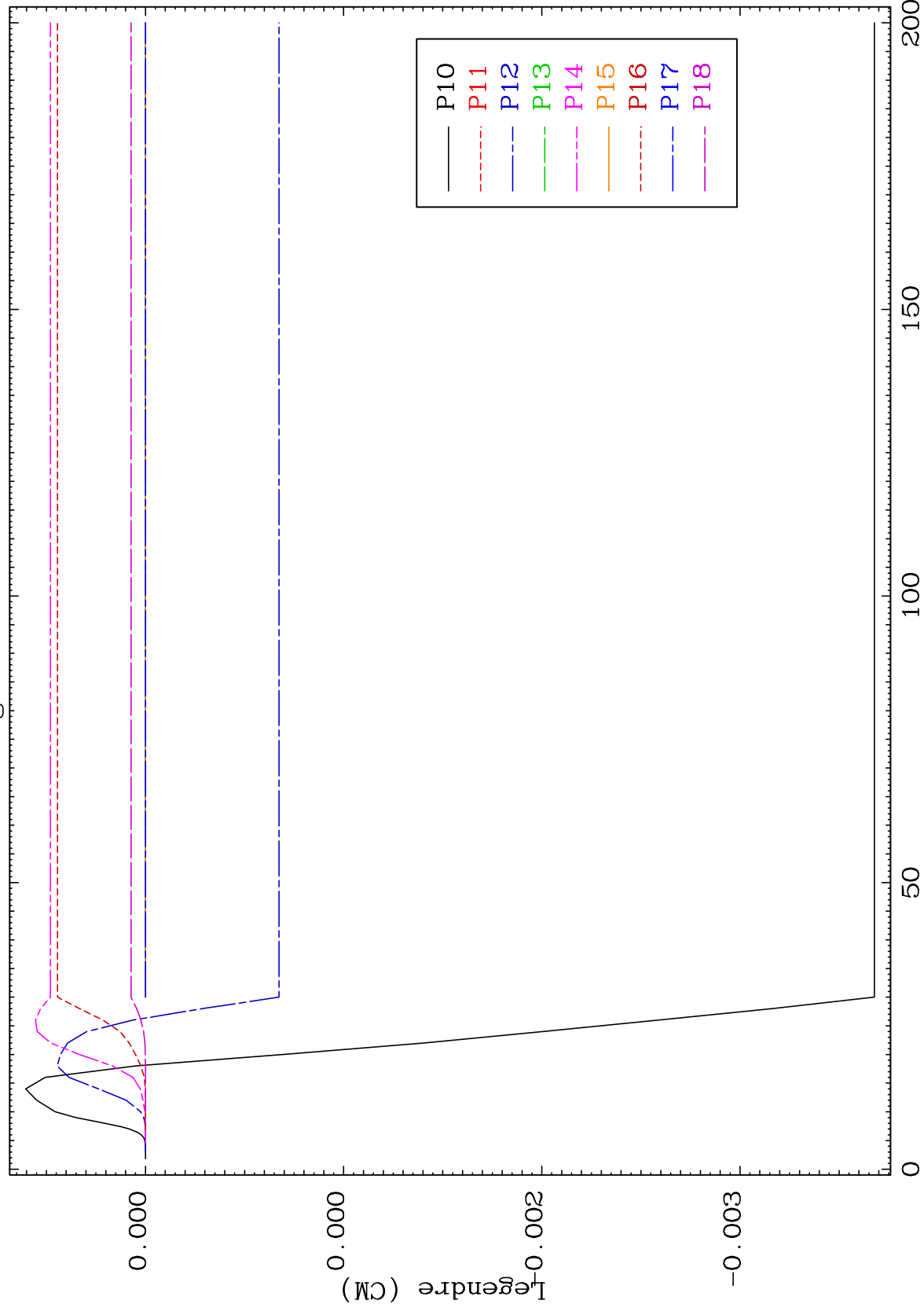
58-Ce-132



MAT 5813

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

58-Ce-132



36

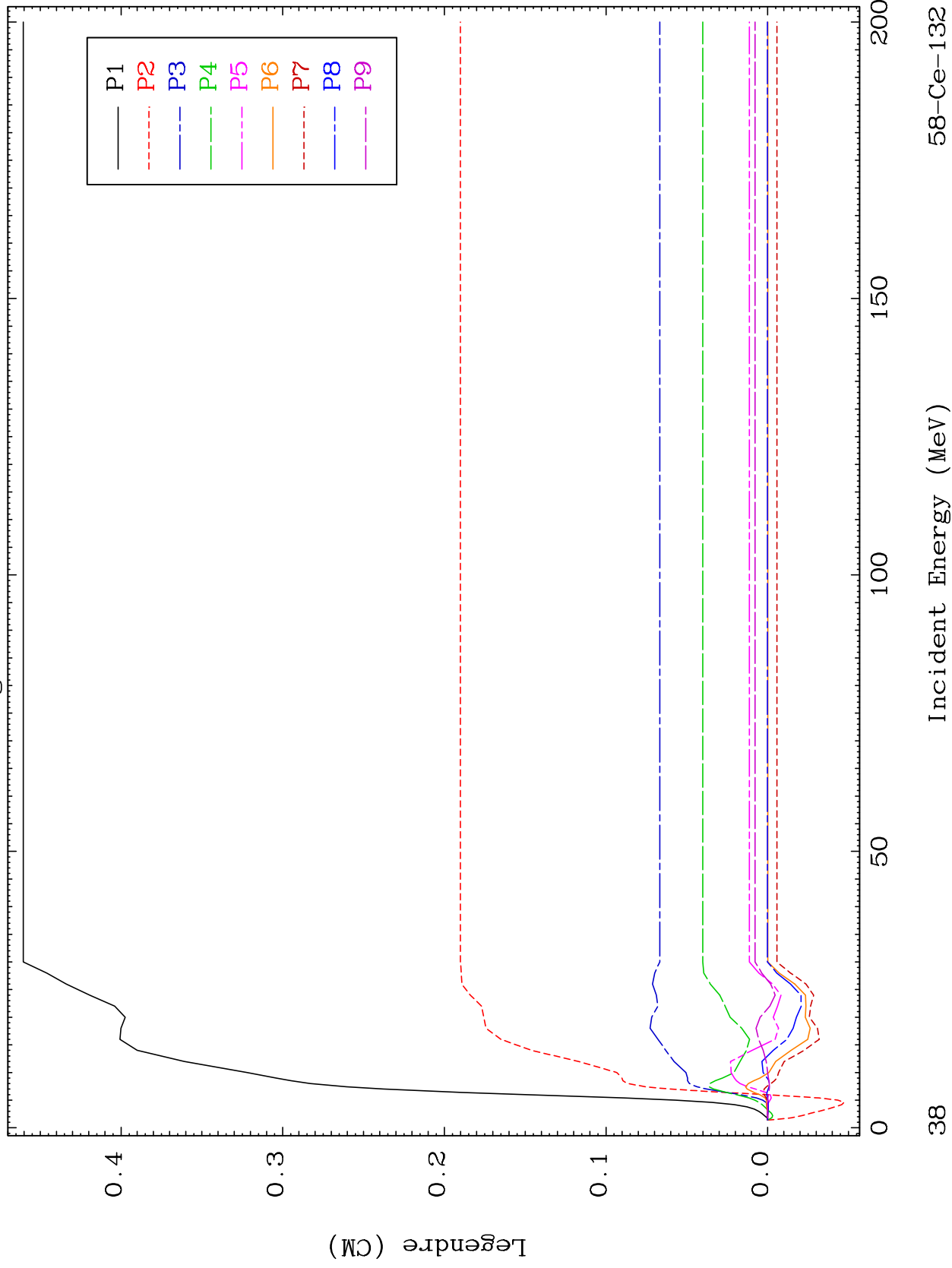
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

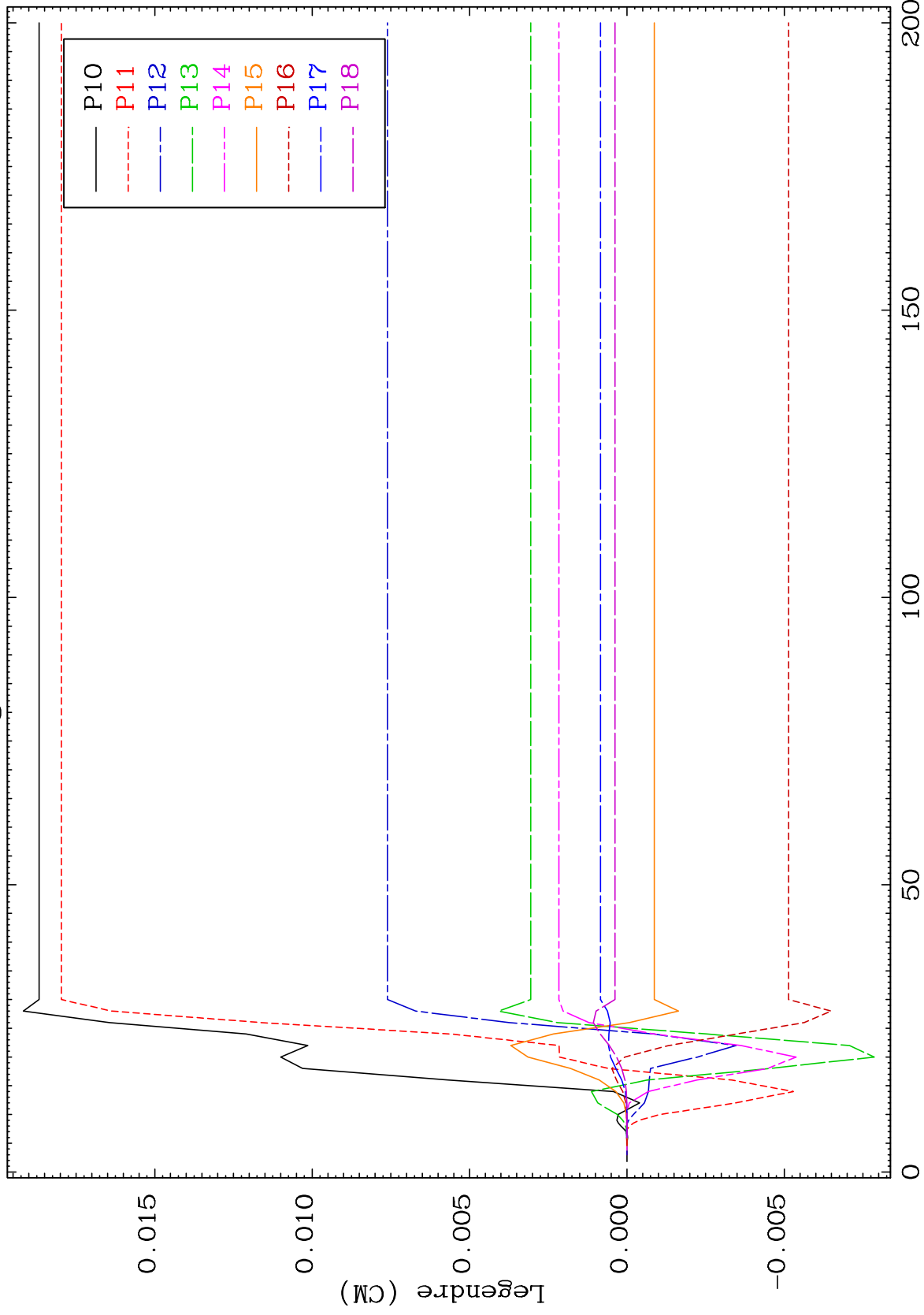
58-Ce-132



MAT 5813

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

58-Ce-132



39

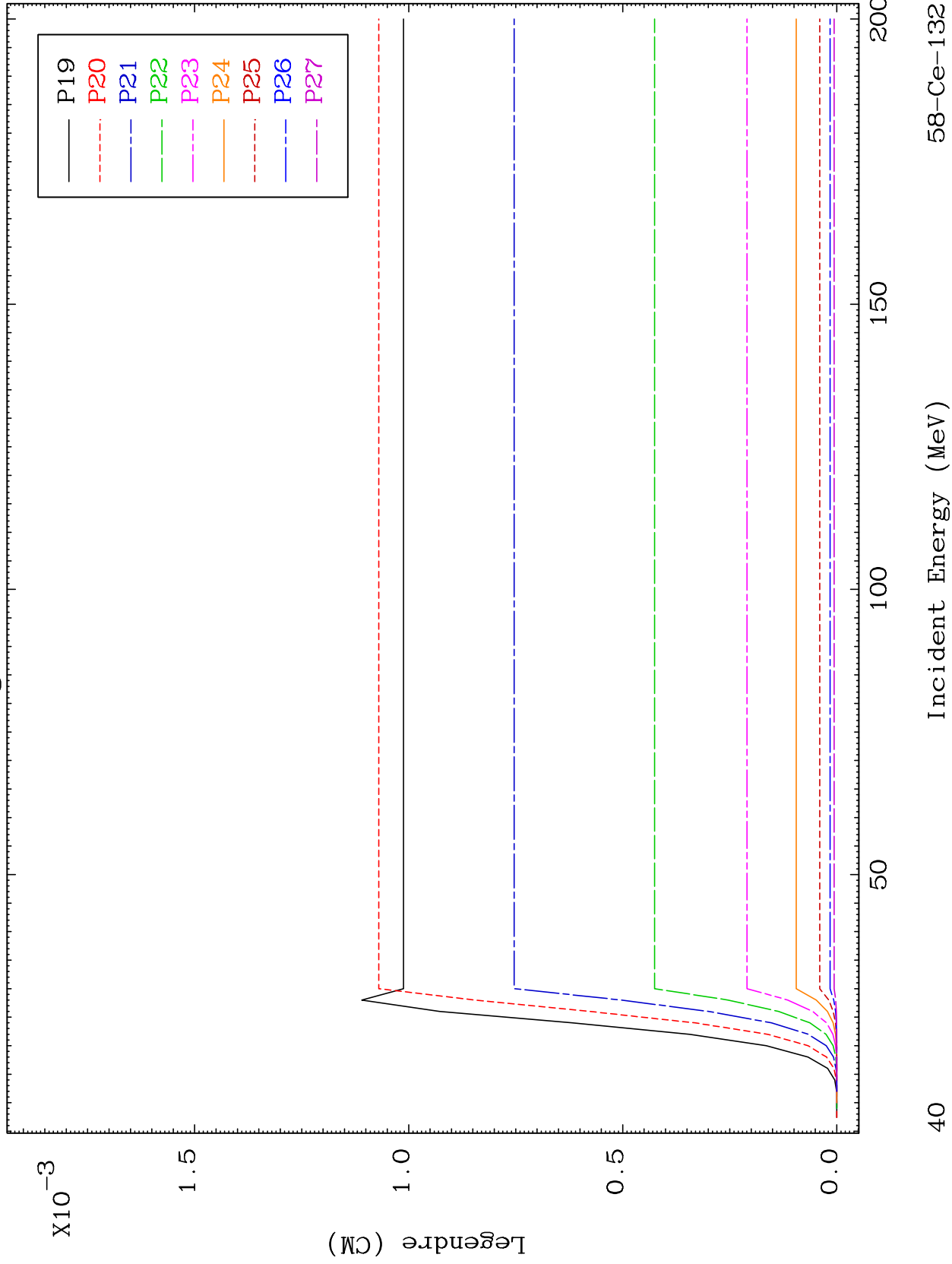
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

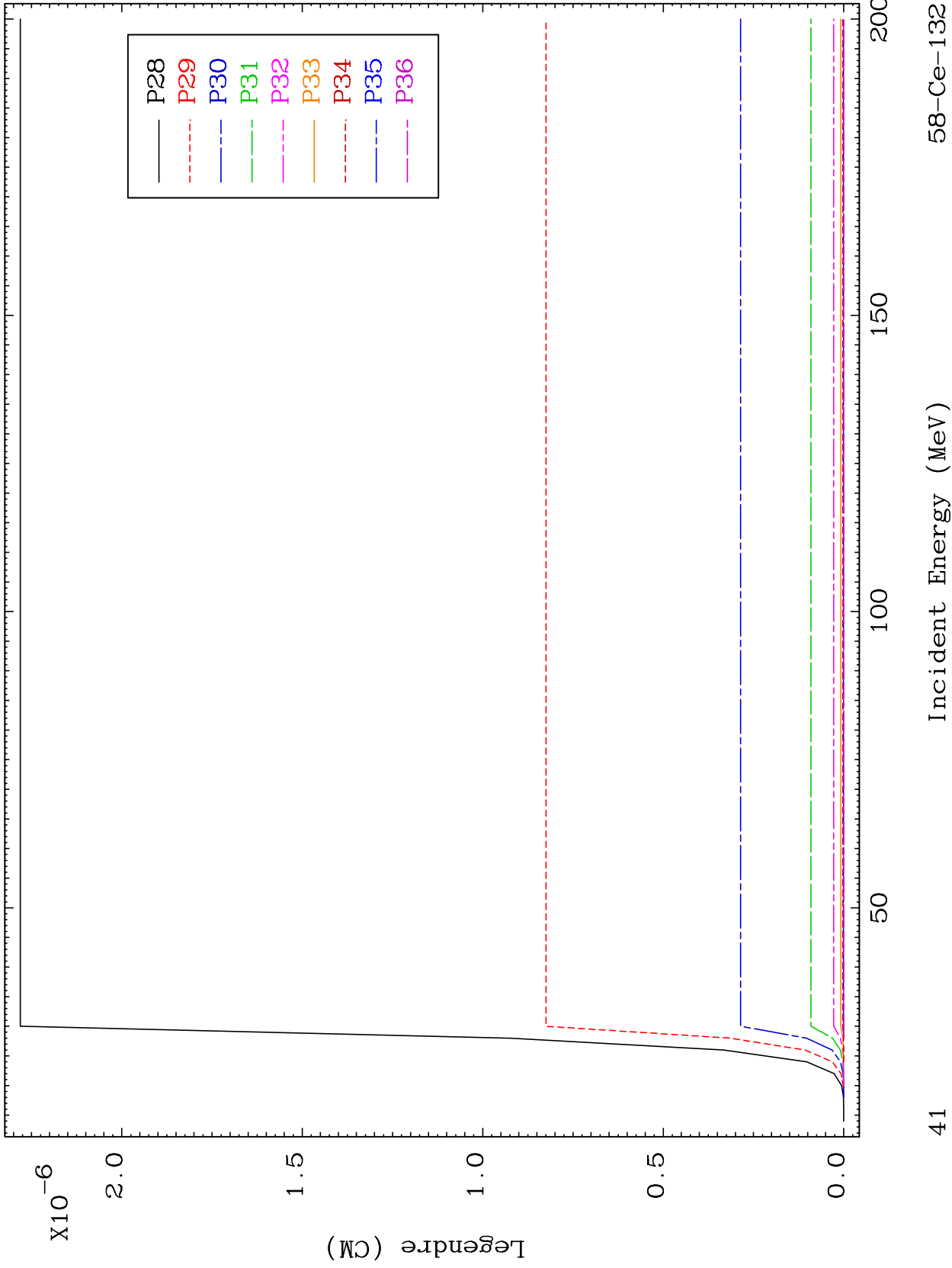
58-Ce-132

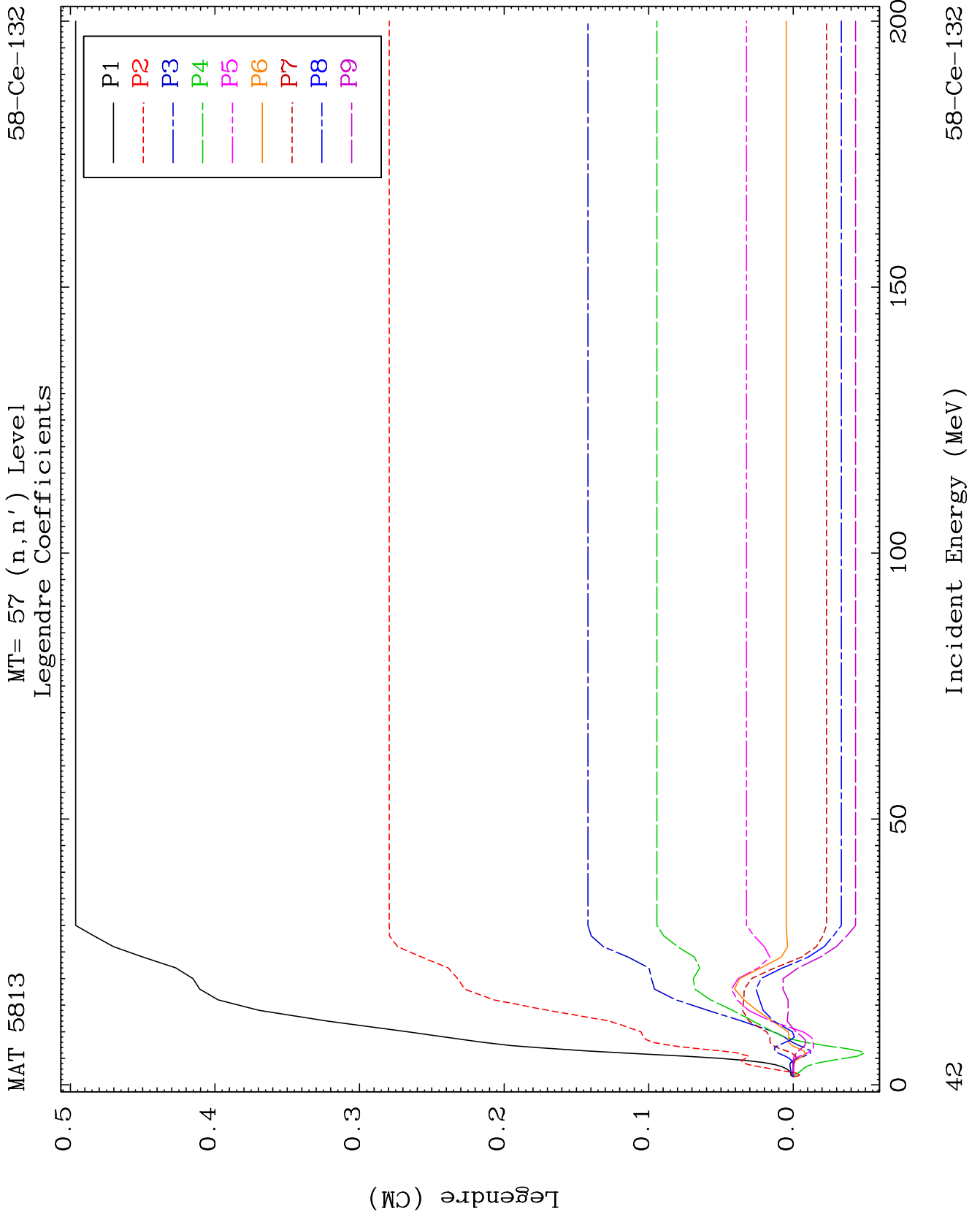


MAT 5813

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

58-Ce-132

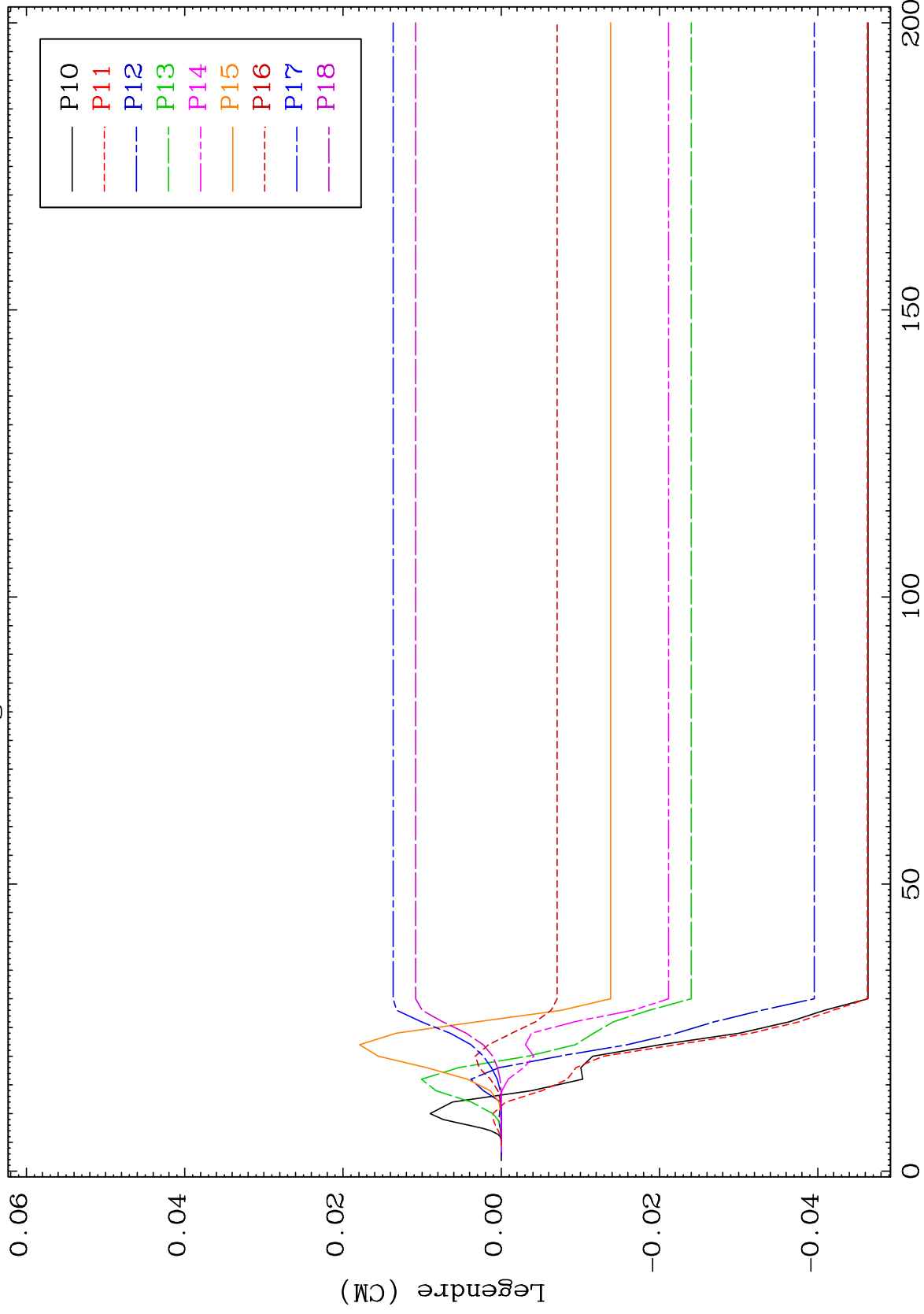




MAT 5813

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

58-Ce-132



43

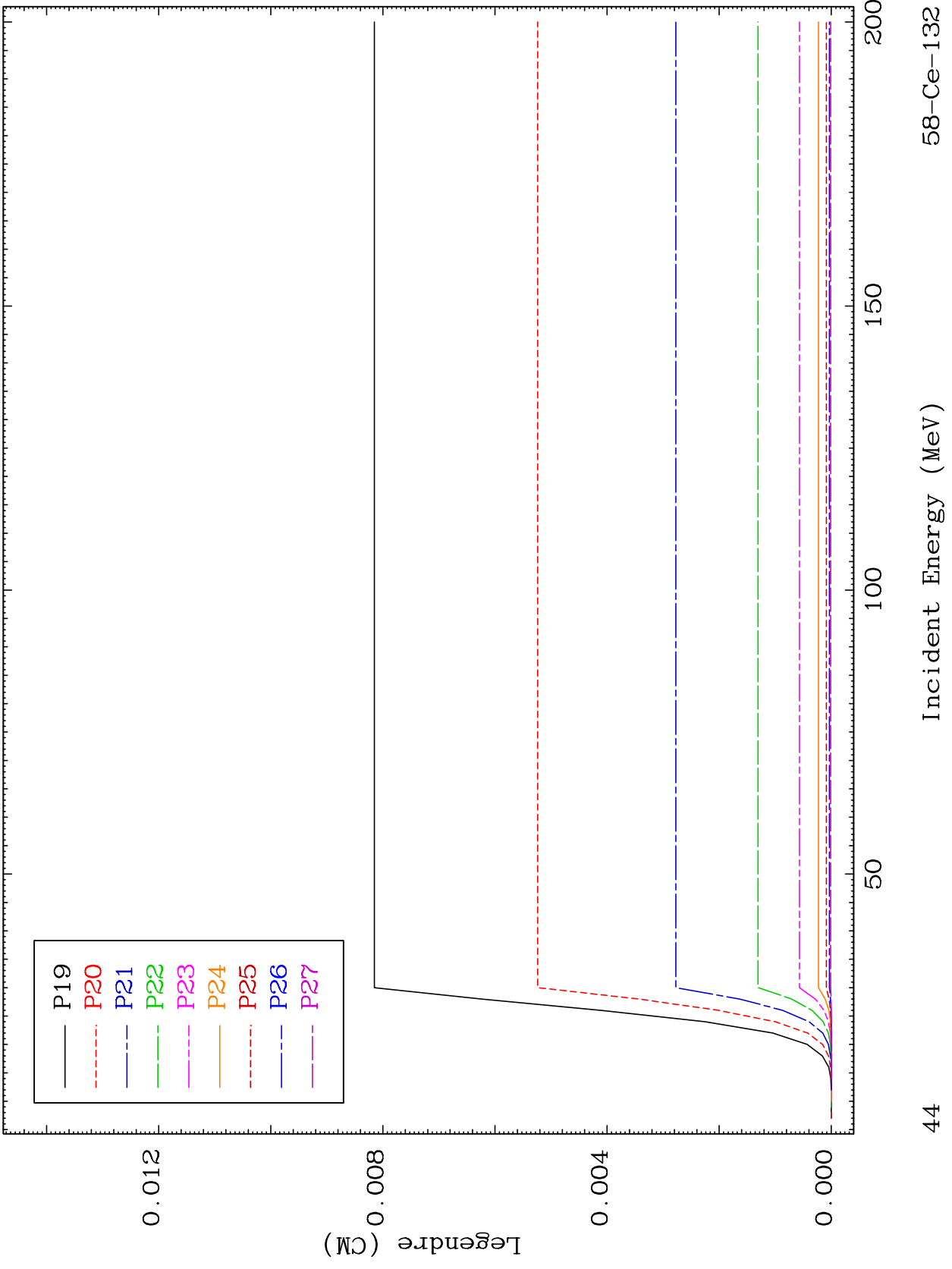
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

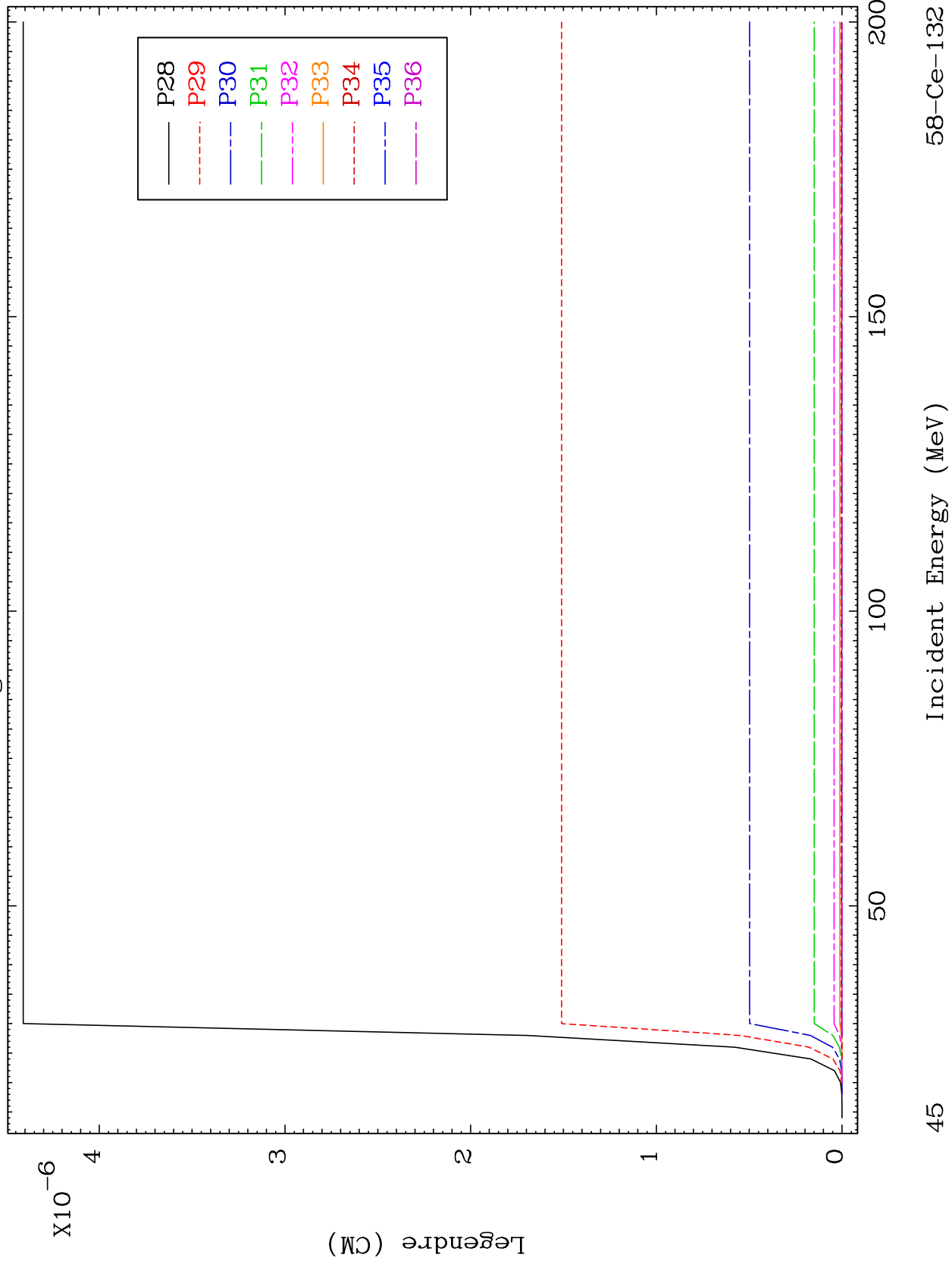
58-Ce-132



MAT 5813

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

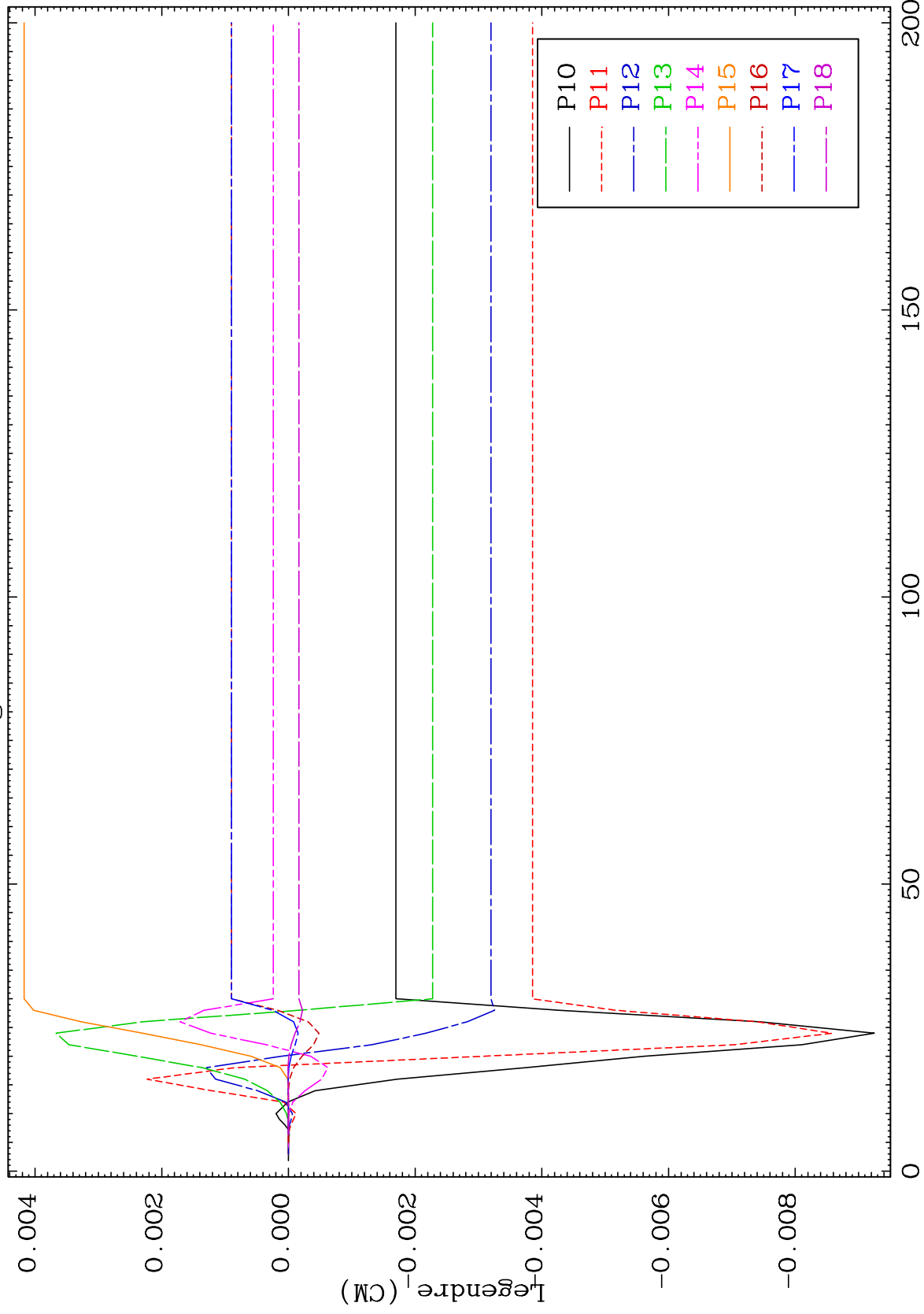
58-Ce-132



MAT 5813

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

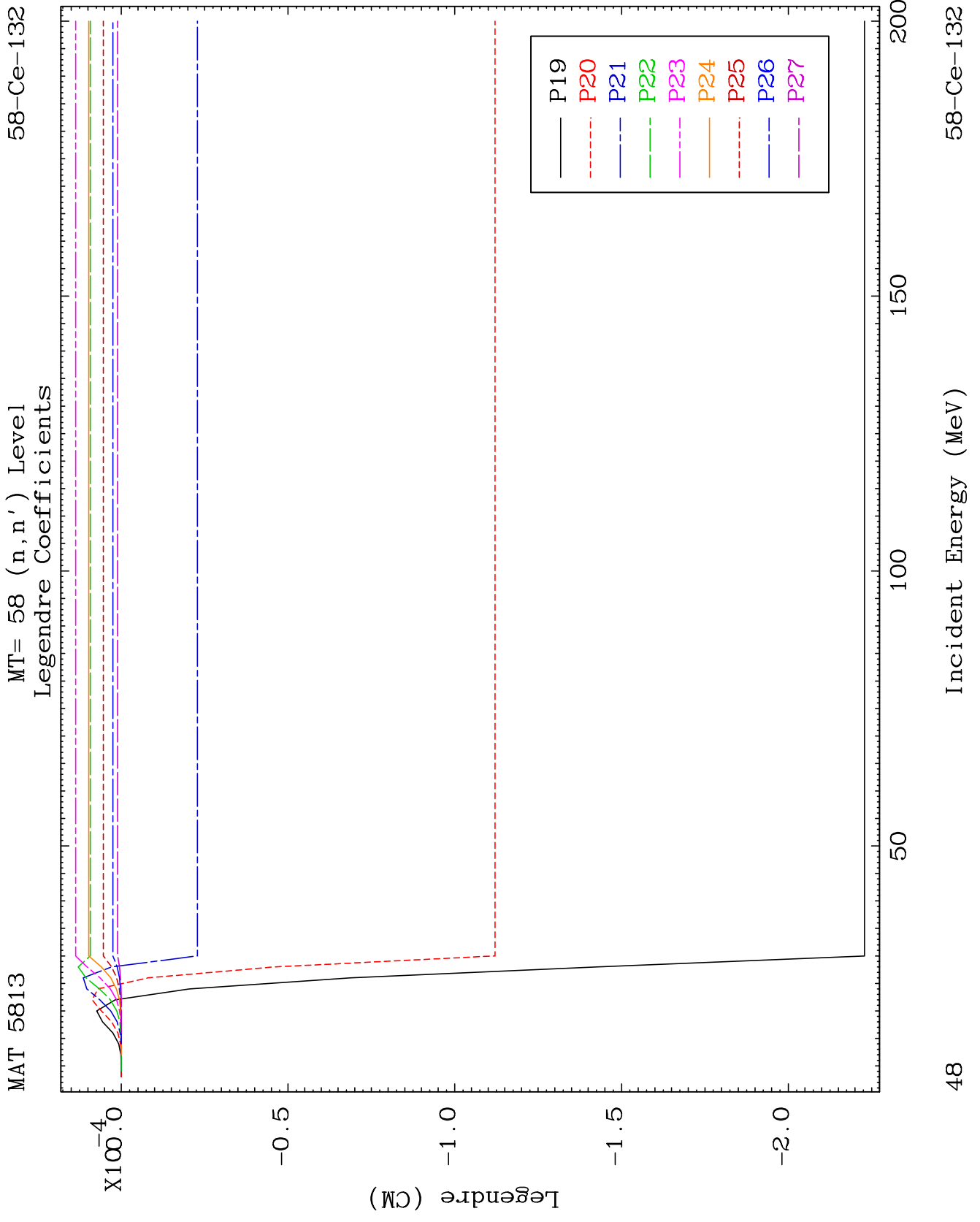
58-Ce-132



47

Incident Energy (MeV)

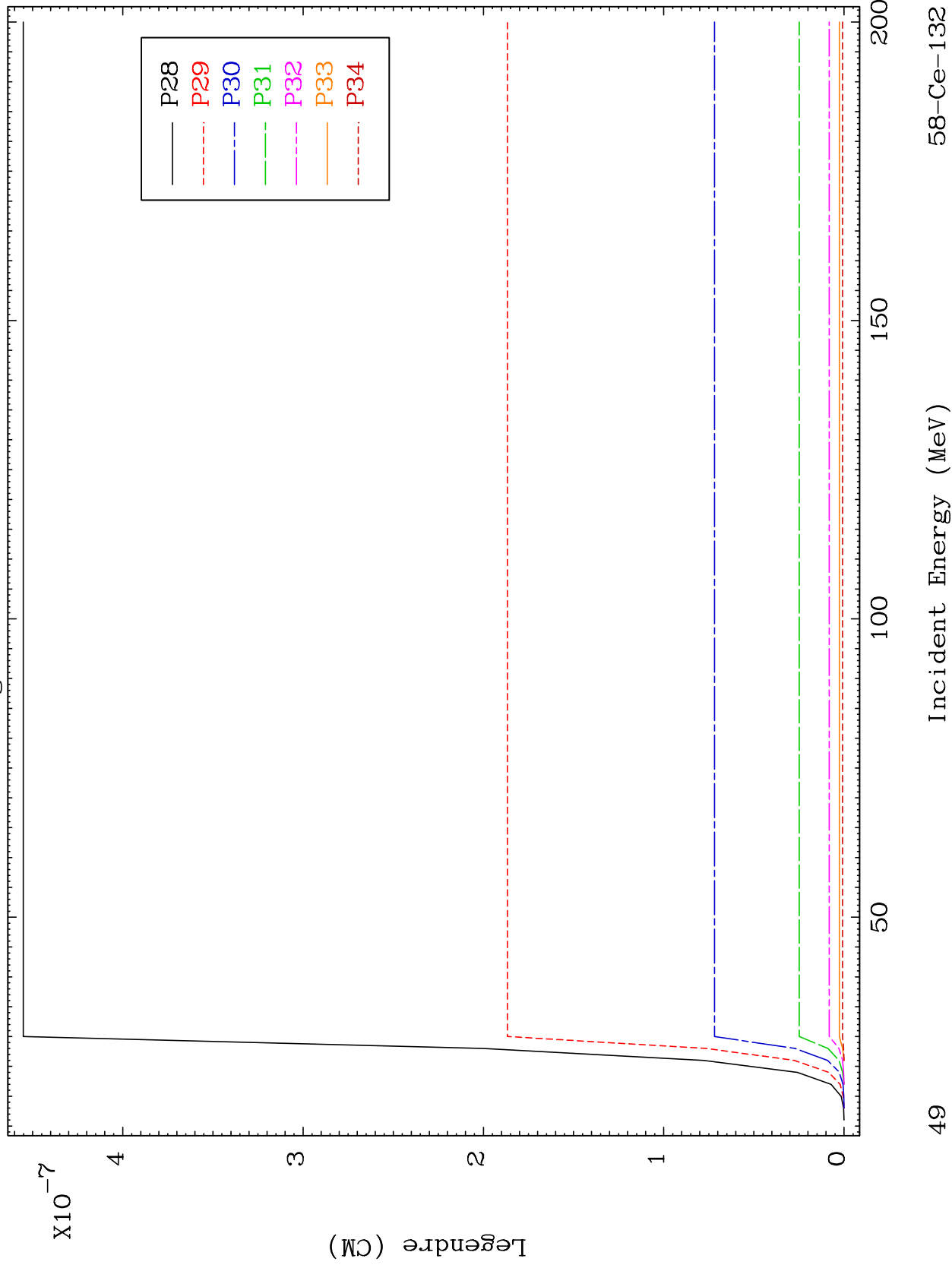
58-Ce-132



MAT 5813

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

58-Ce-132



49

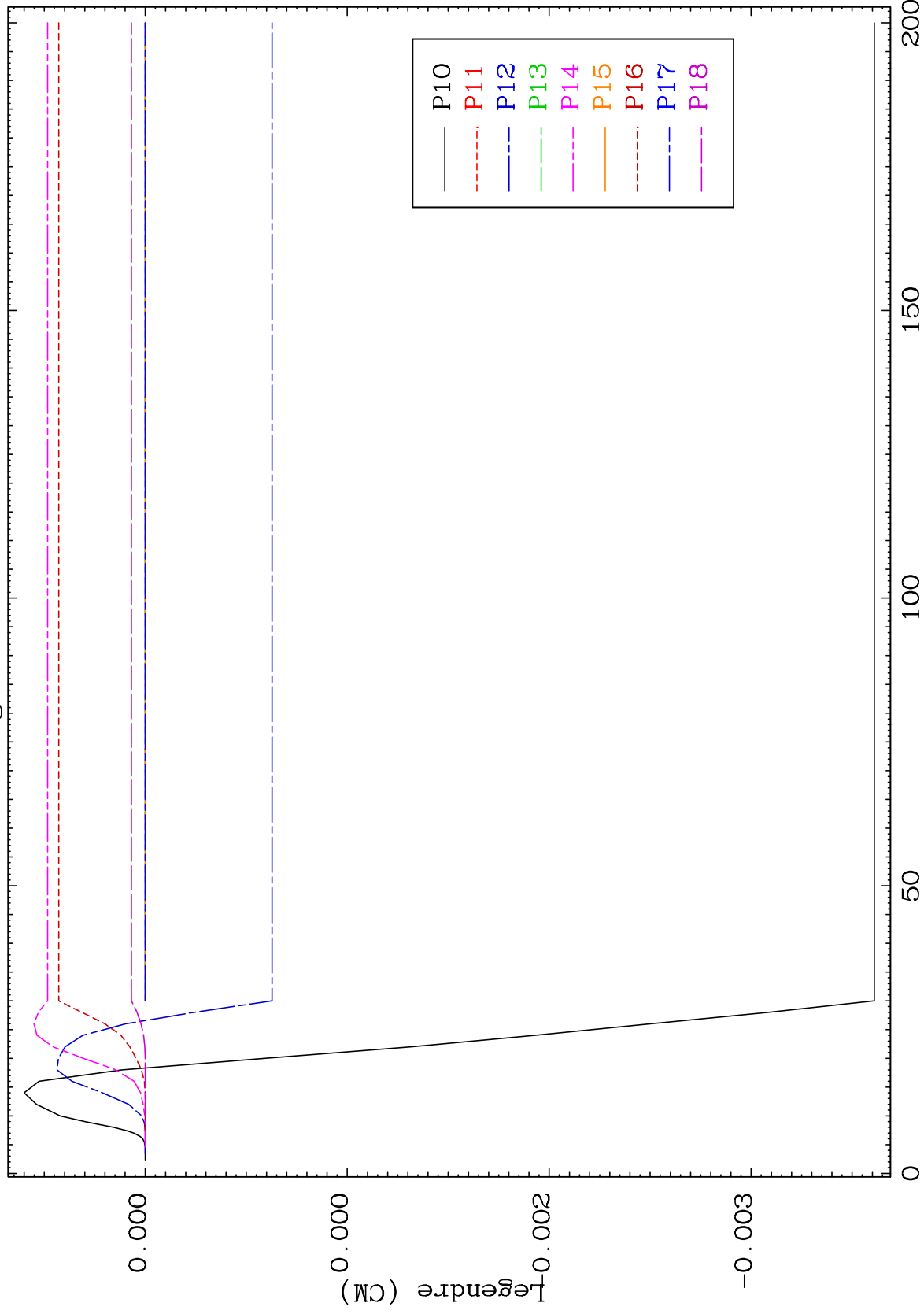
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

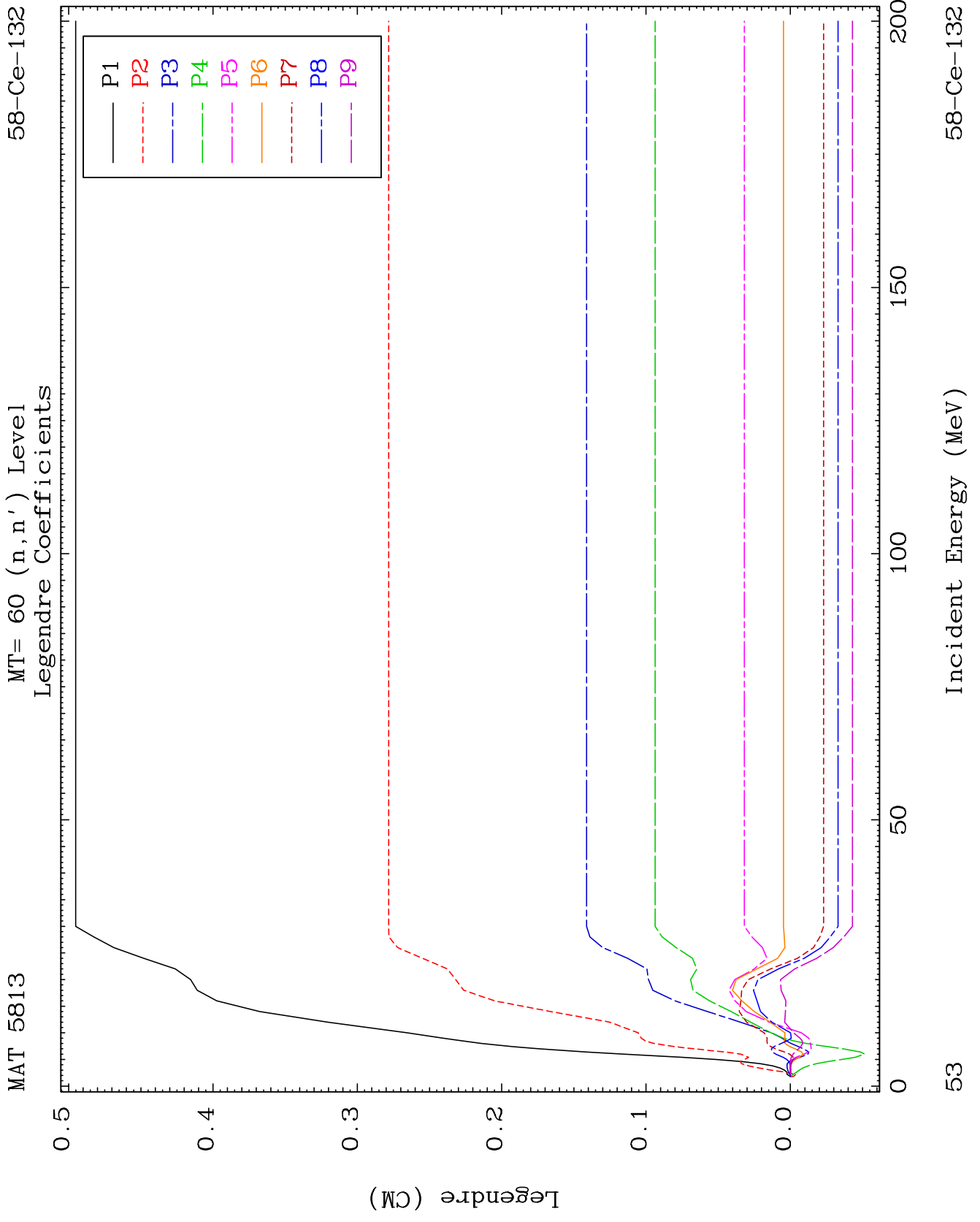
58-Ce-132

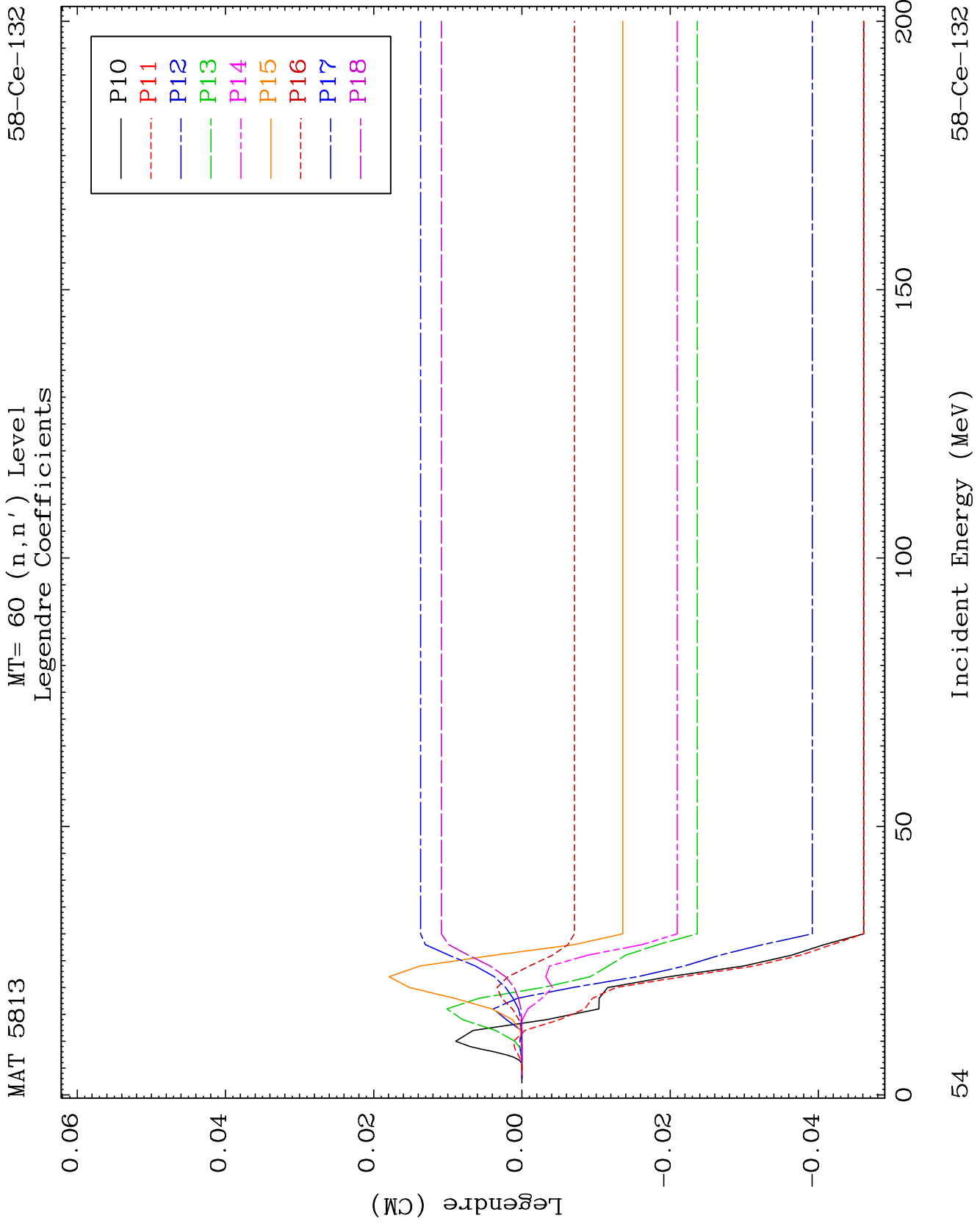


51

Incident Energy (MeV)

58-Ce-132

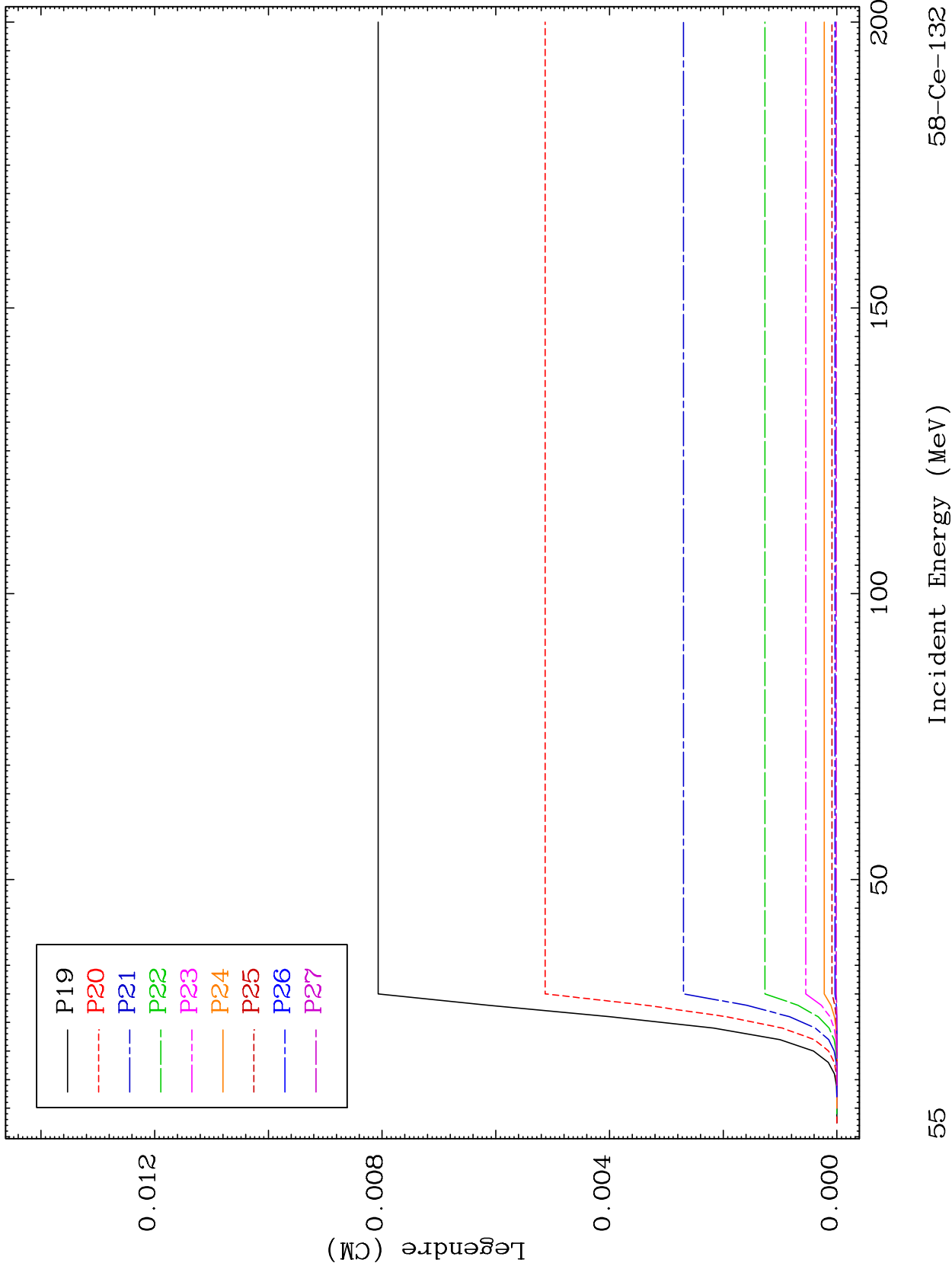




MAT 5813

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

58-Ce-132



55

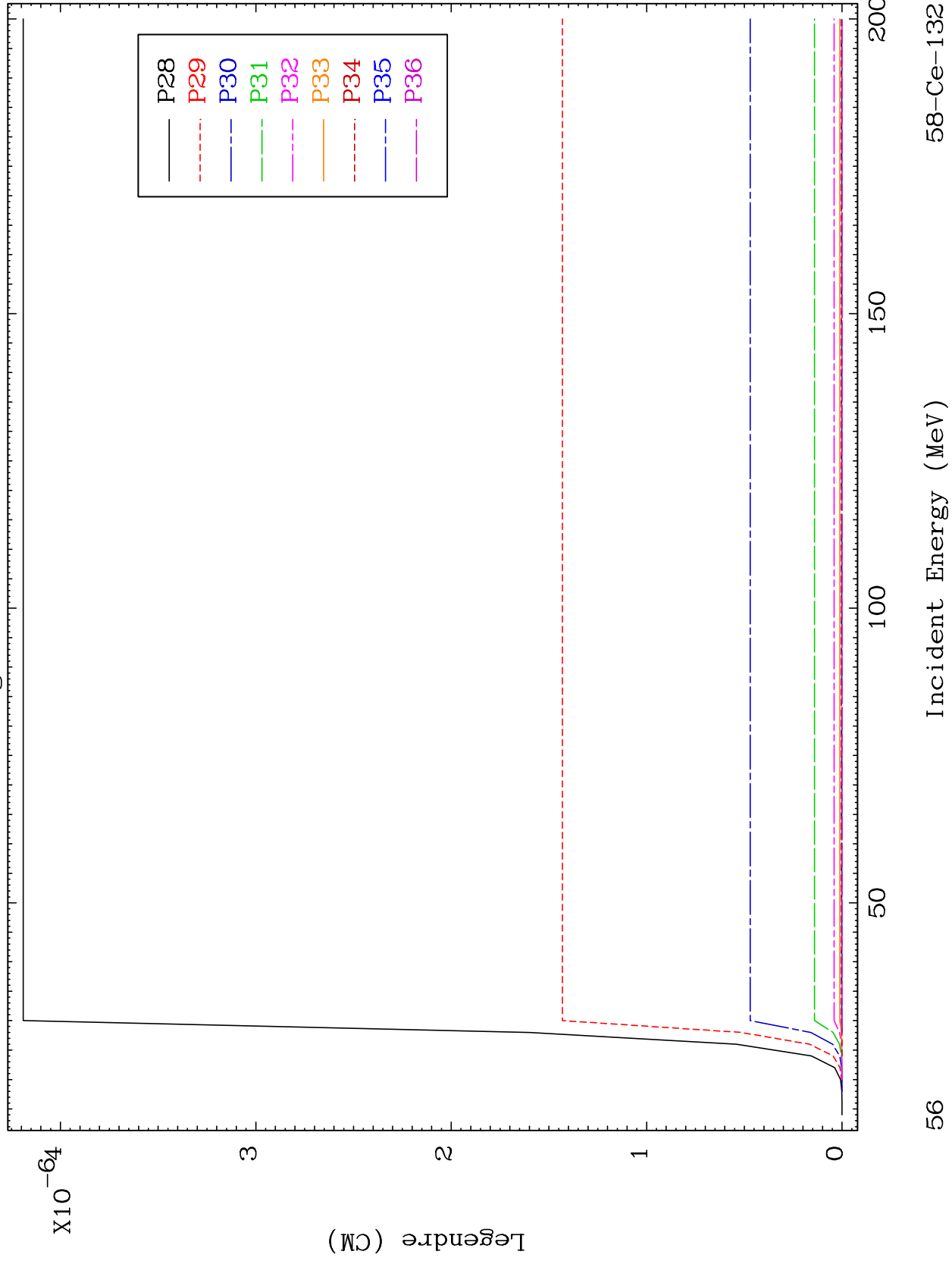
Incident Energy (MeV)

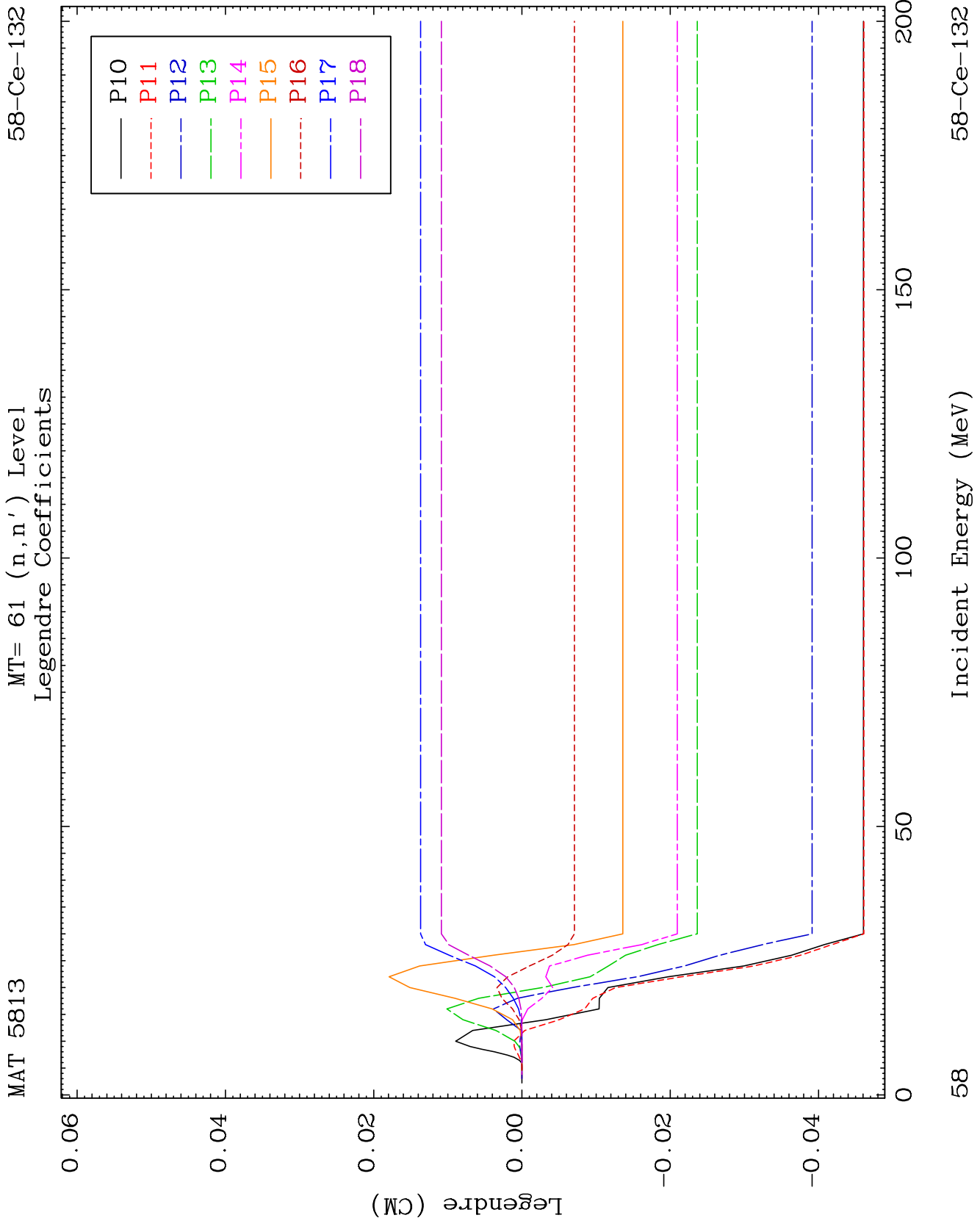
58-Ce-132

MAT 5813

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

58-Ce-132

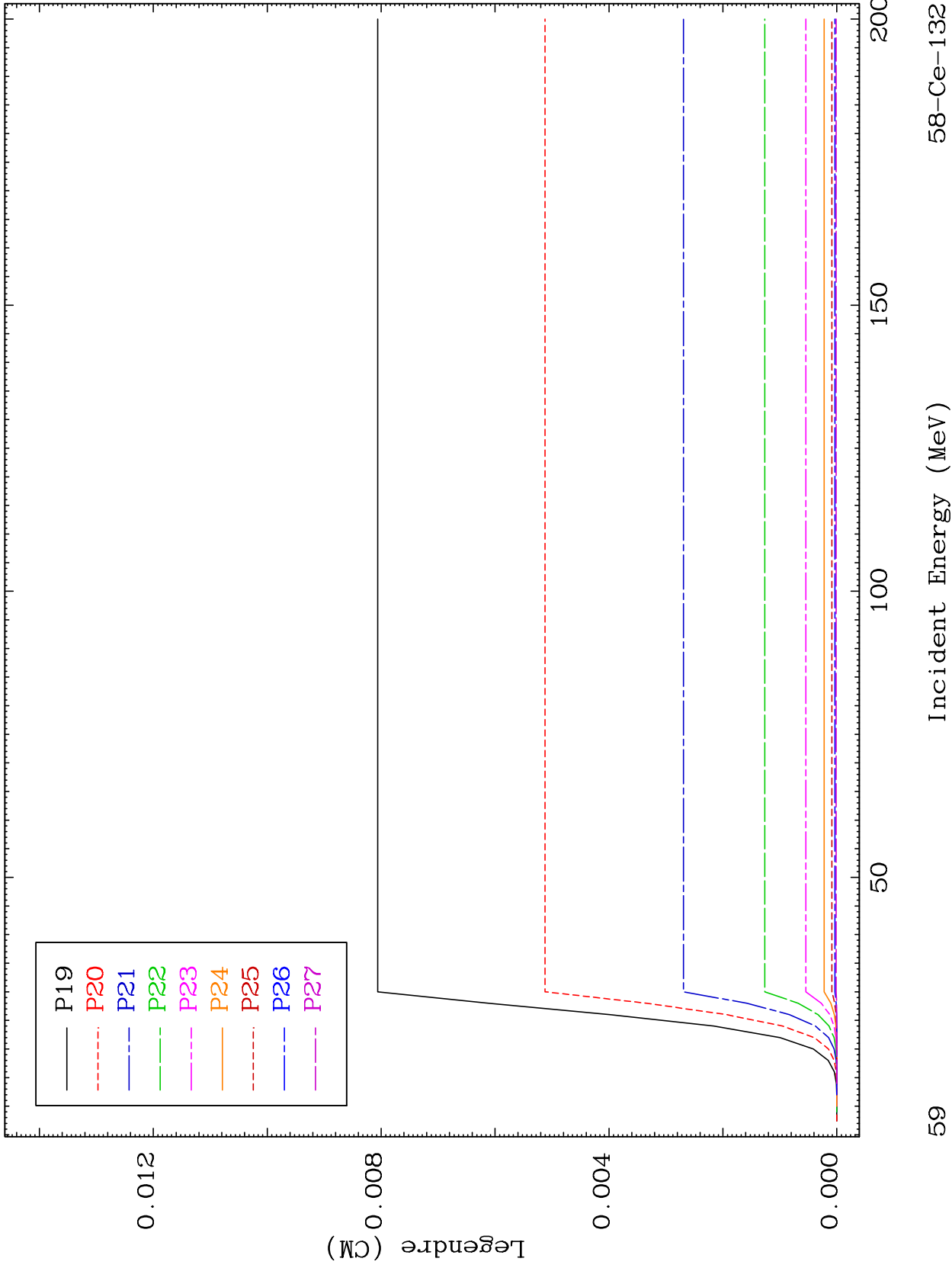




MAT 5813

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

58-Ce-132



59

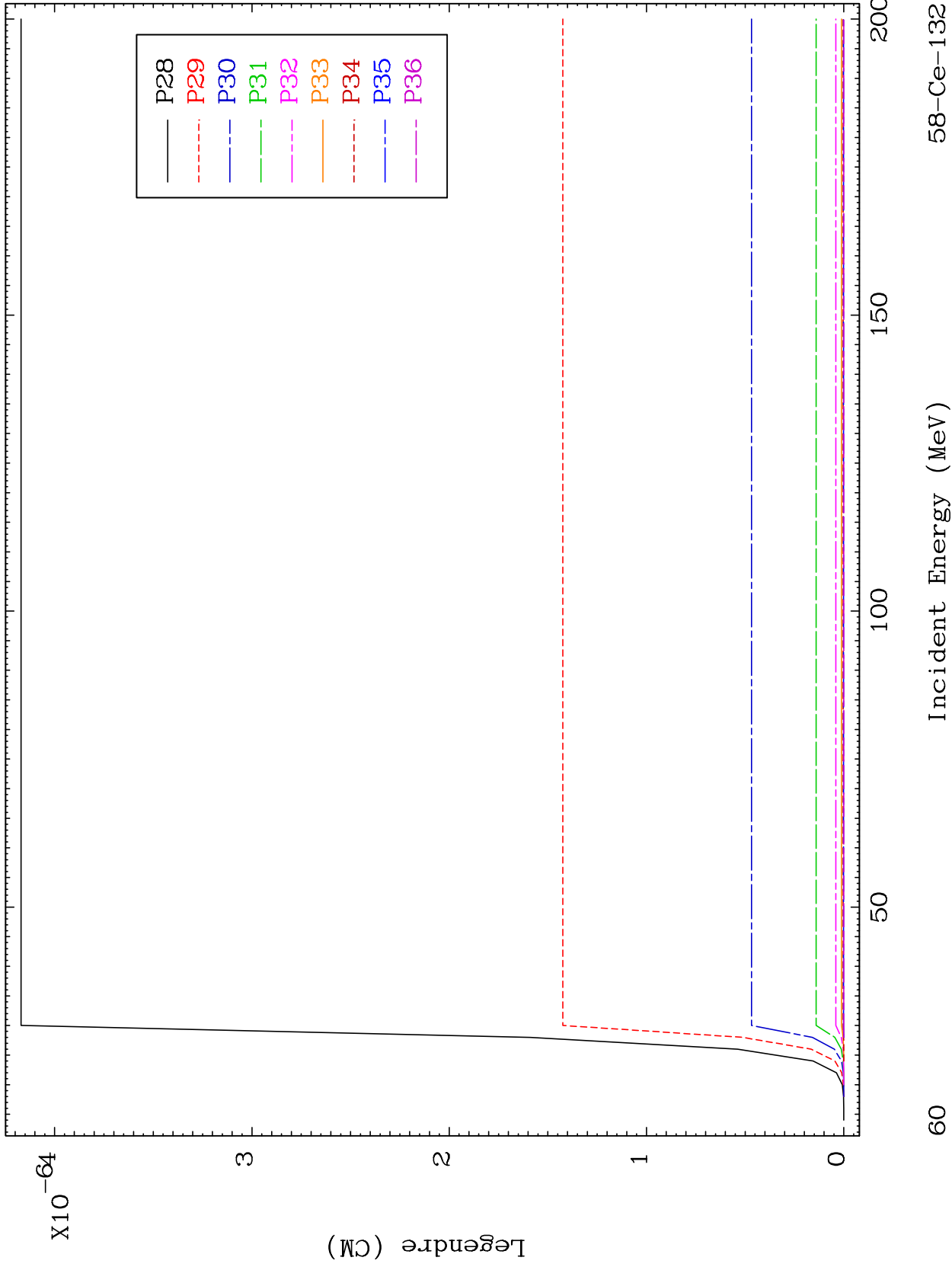
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

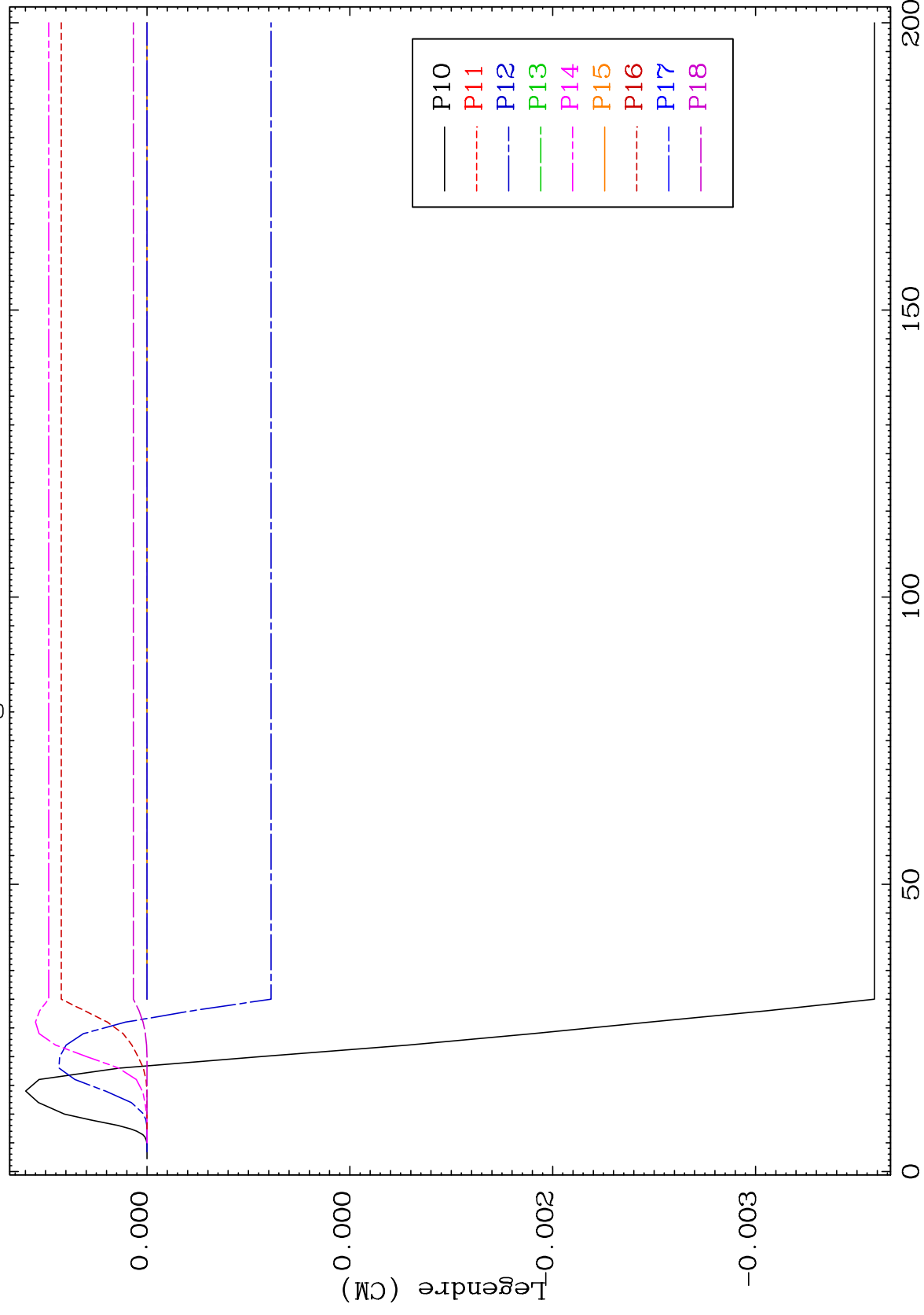
58-Ce-132



MAT 5813

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

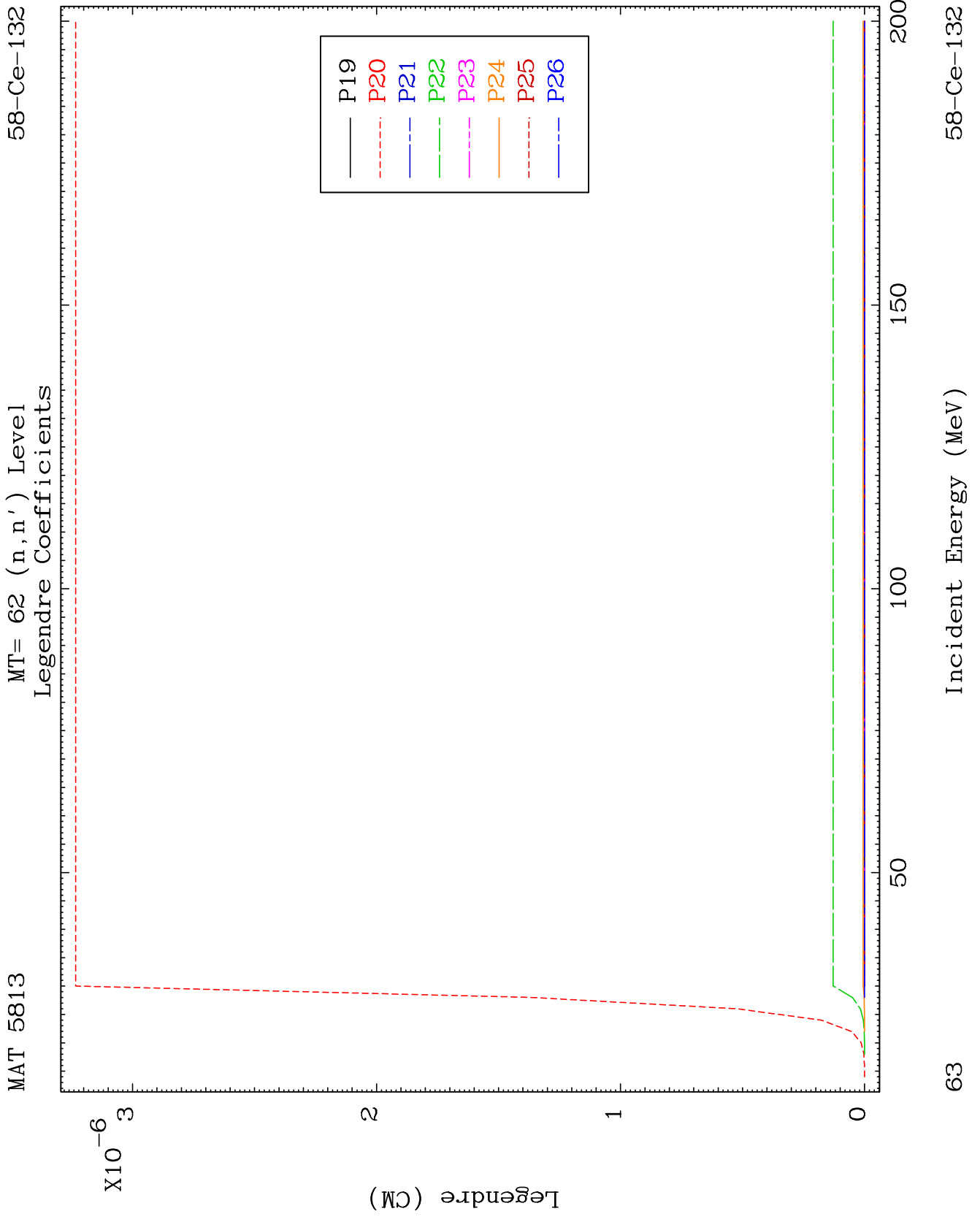
58-Ce-132

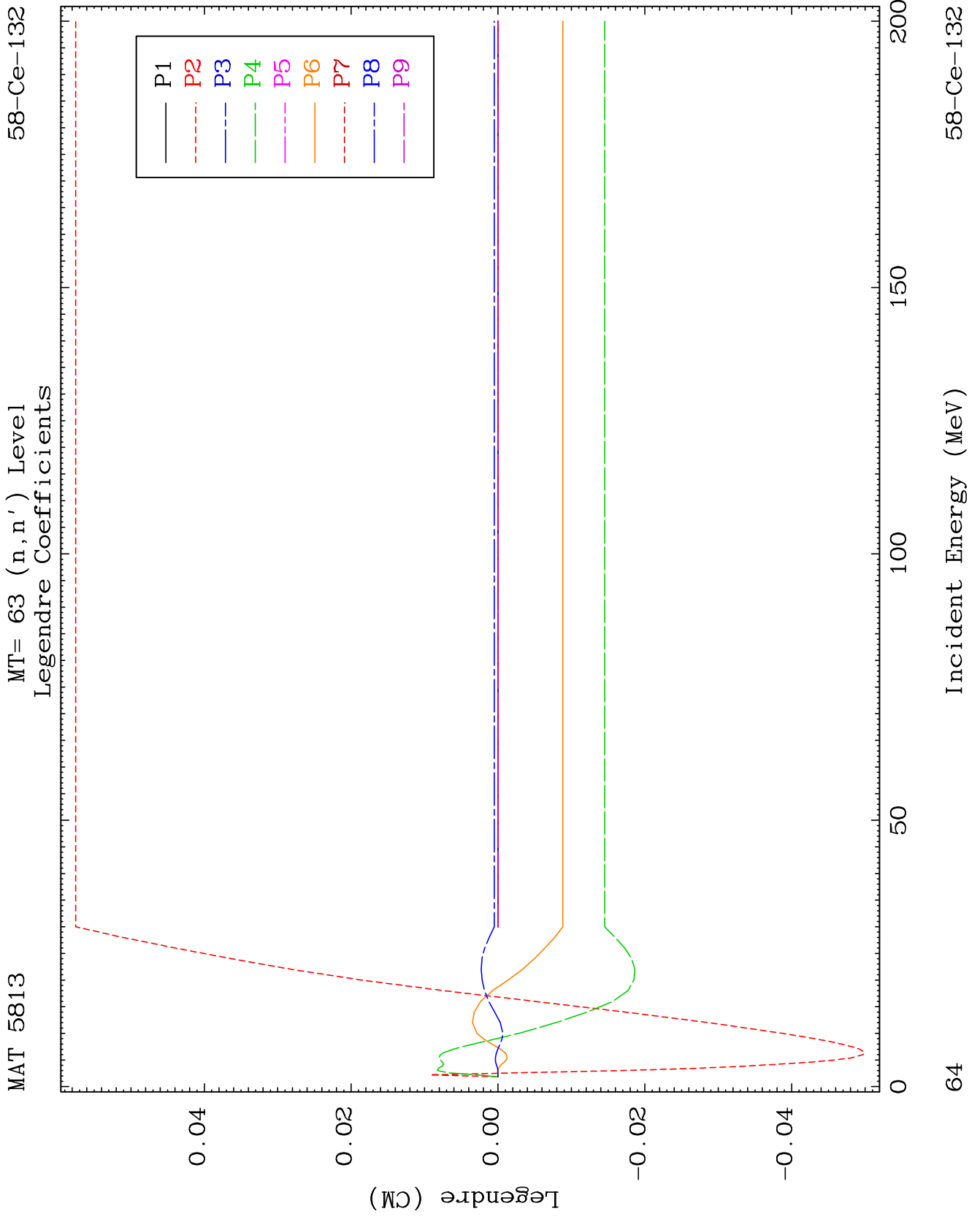


62

Incident Energy (MeV)

58-Ce-132

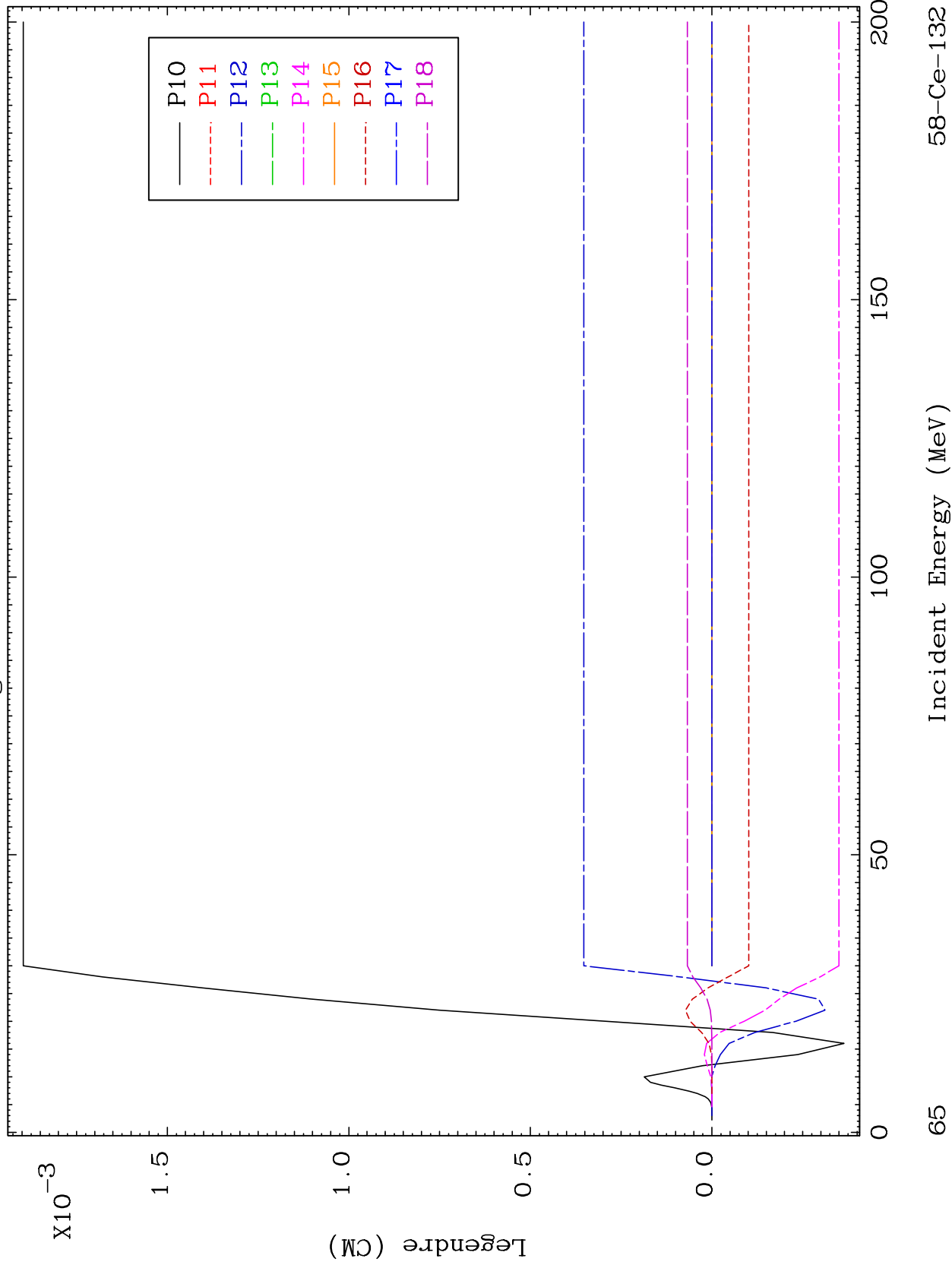


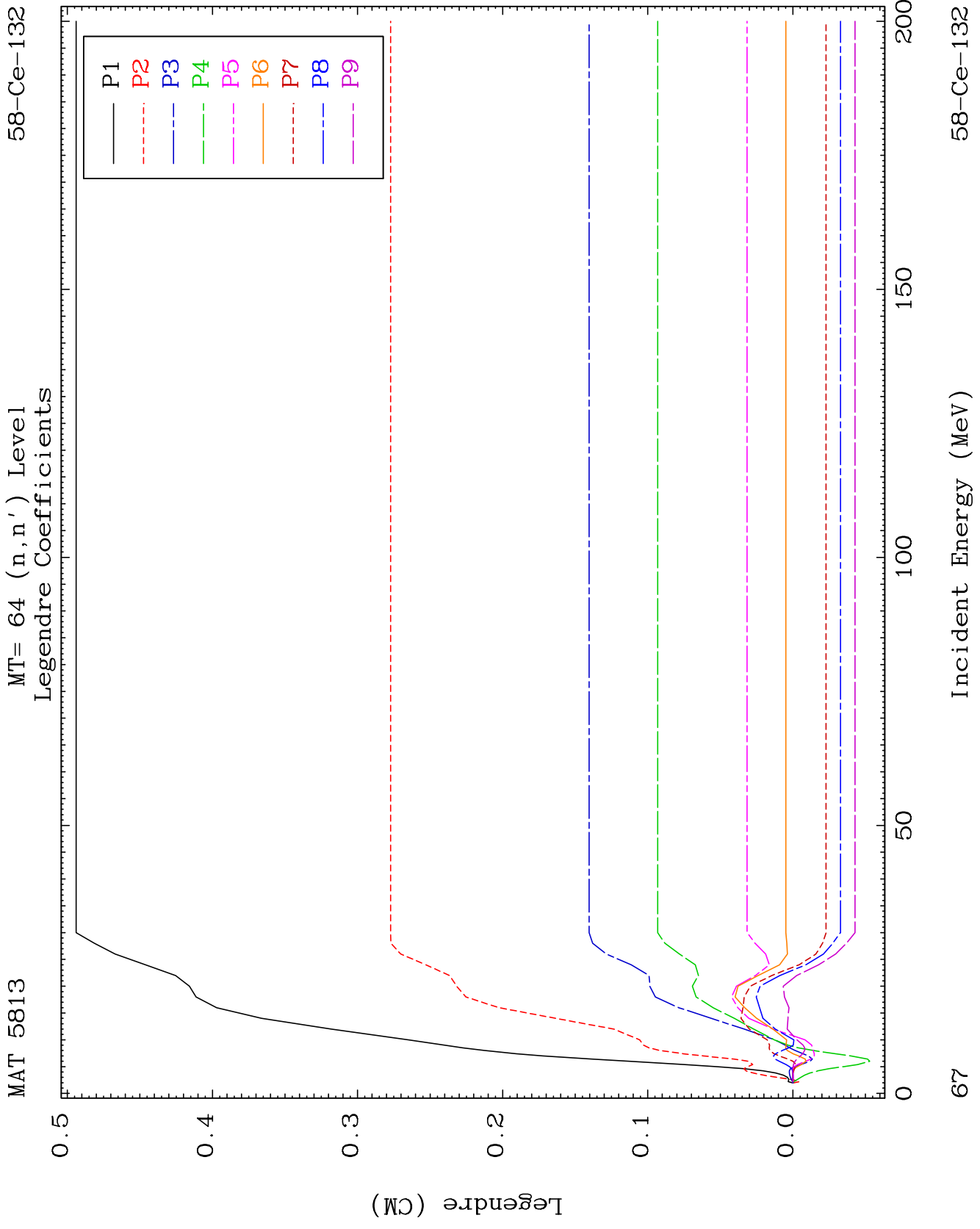


MAT 5813

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

58-Ce-132

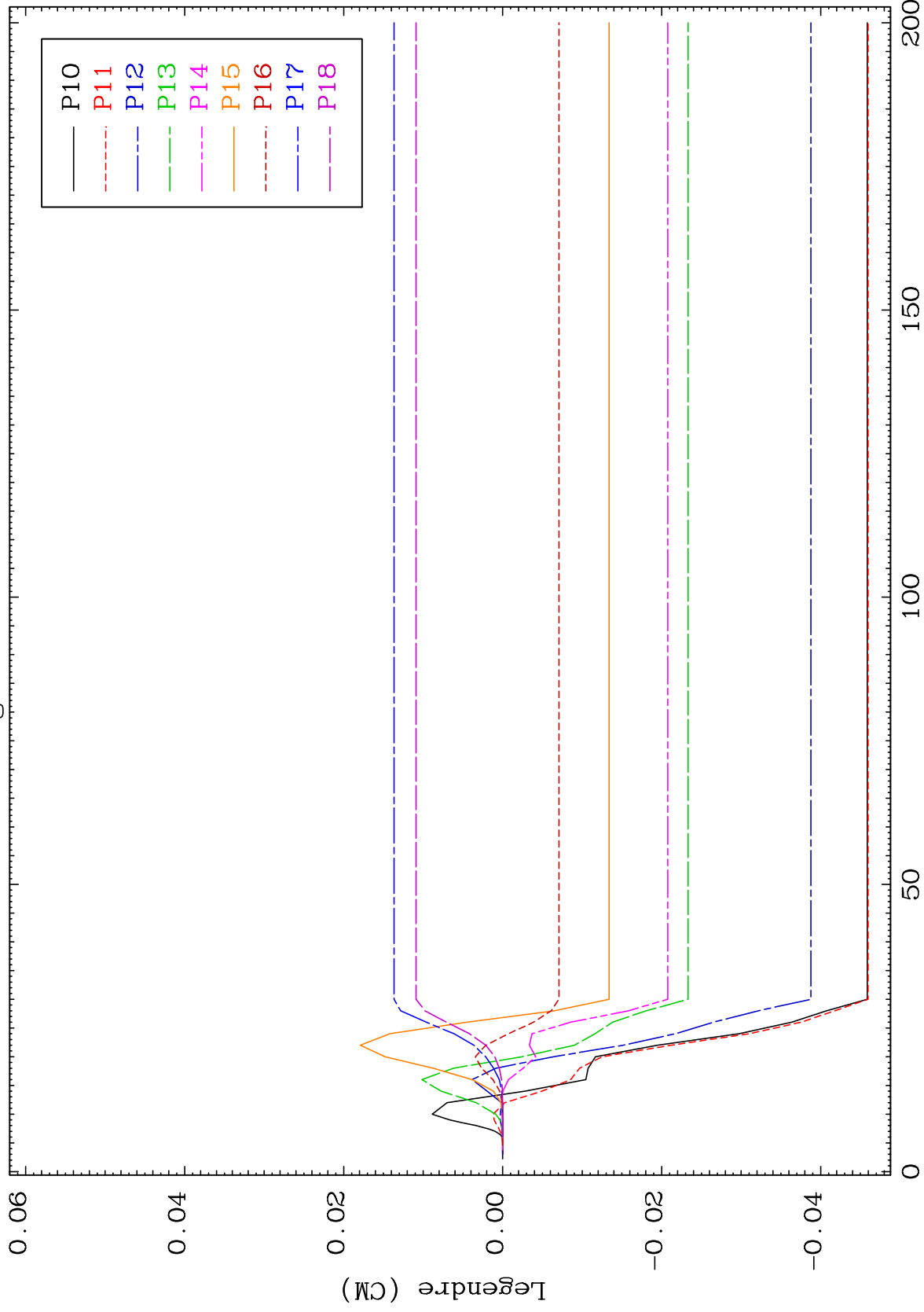




MAT 5813

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

58-Ce-132



68

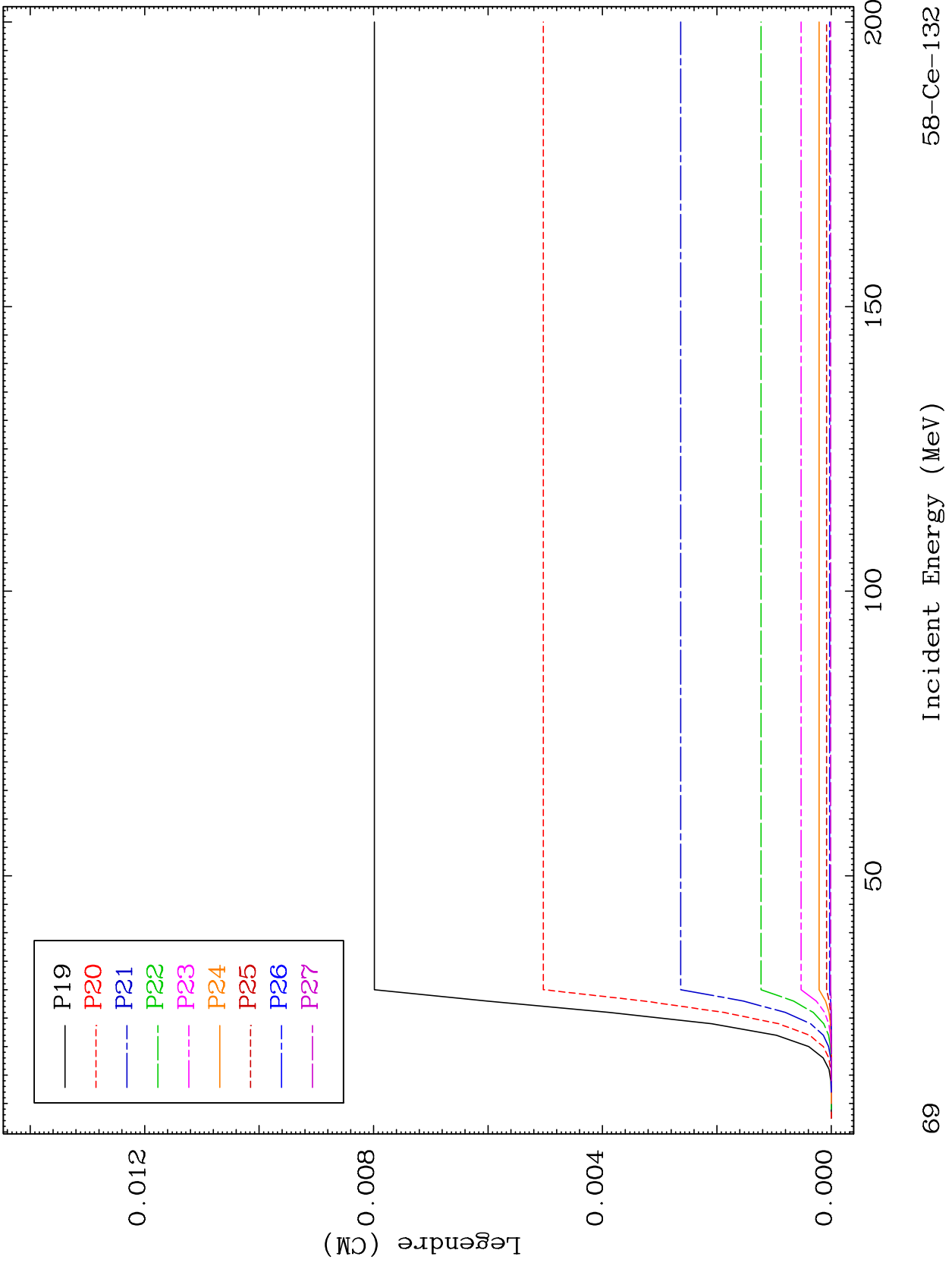
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



69

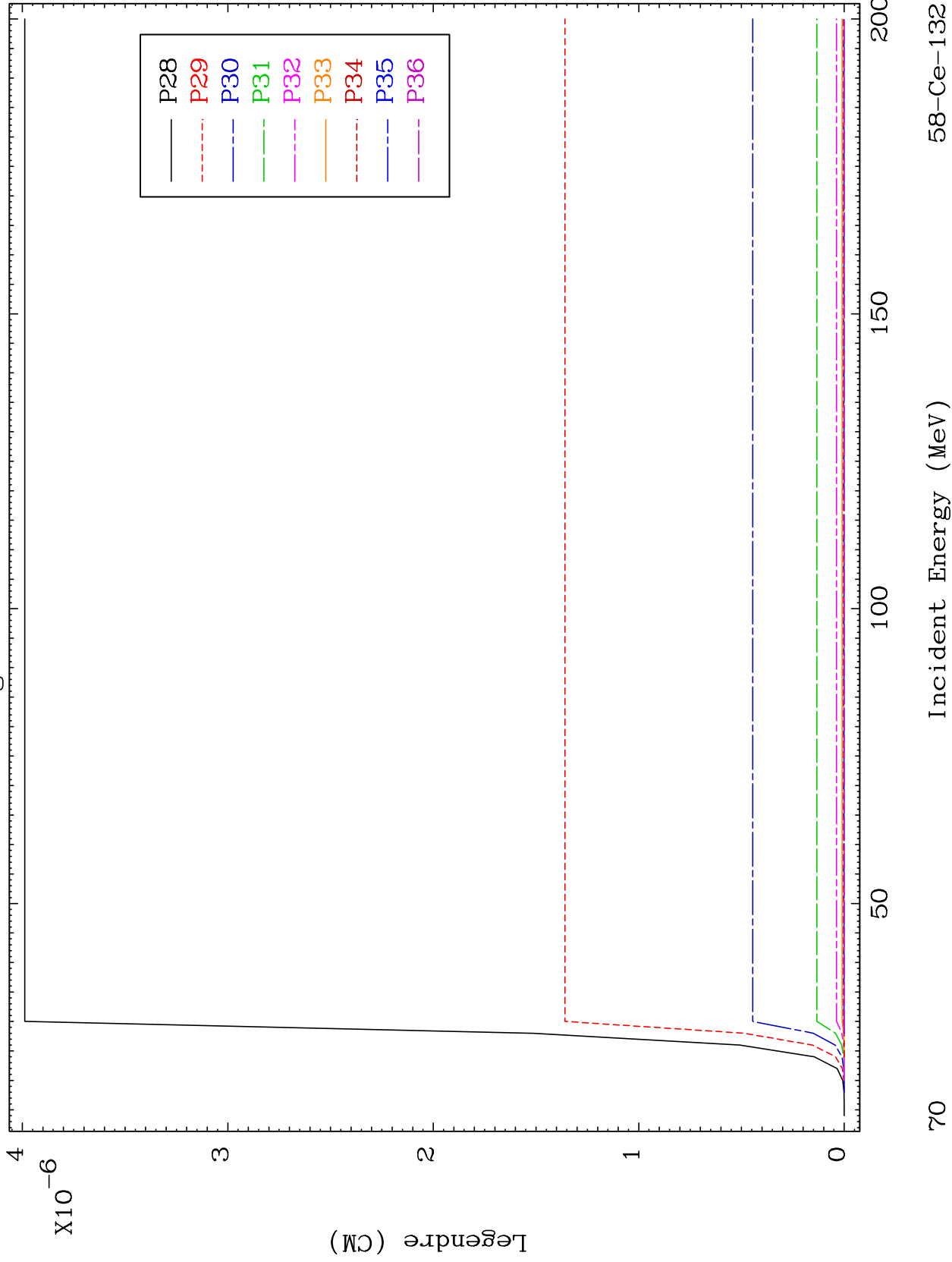
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

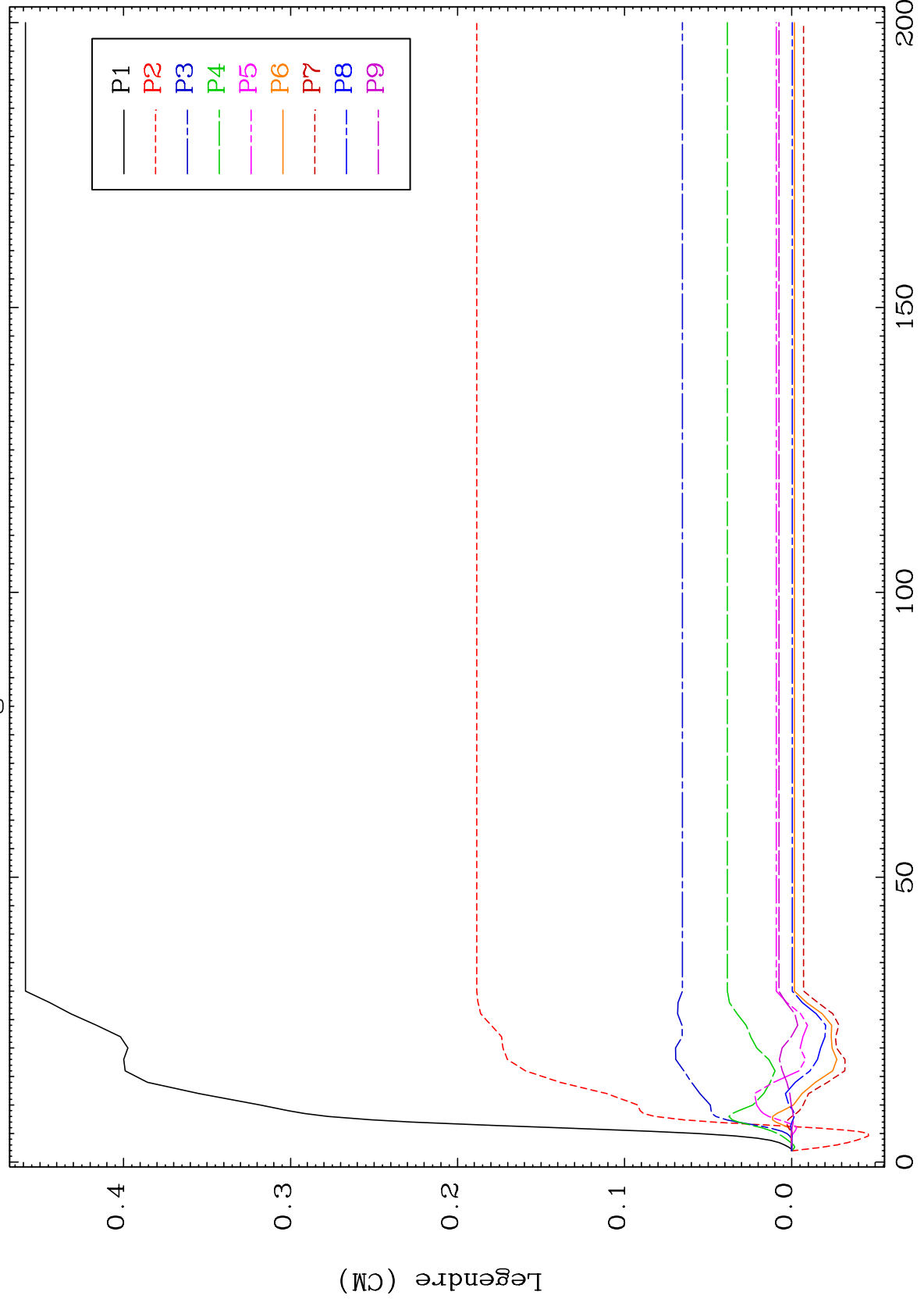
58-Ce-132



MAT 5813

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

58-Ce-132



71

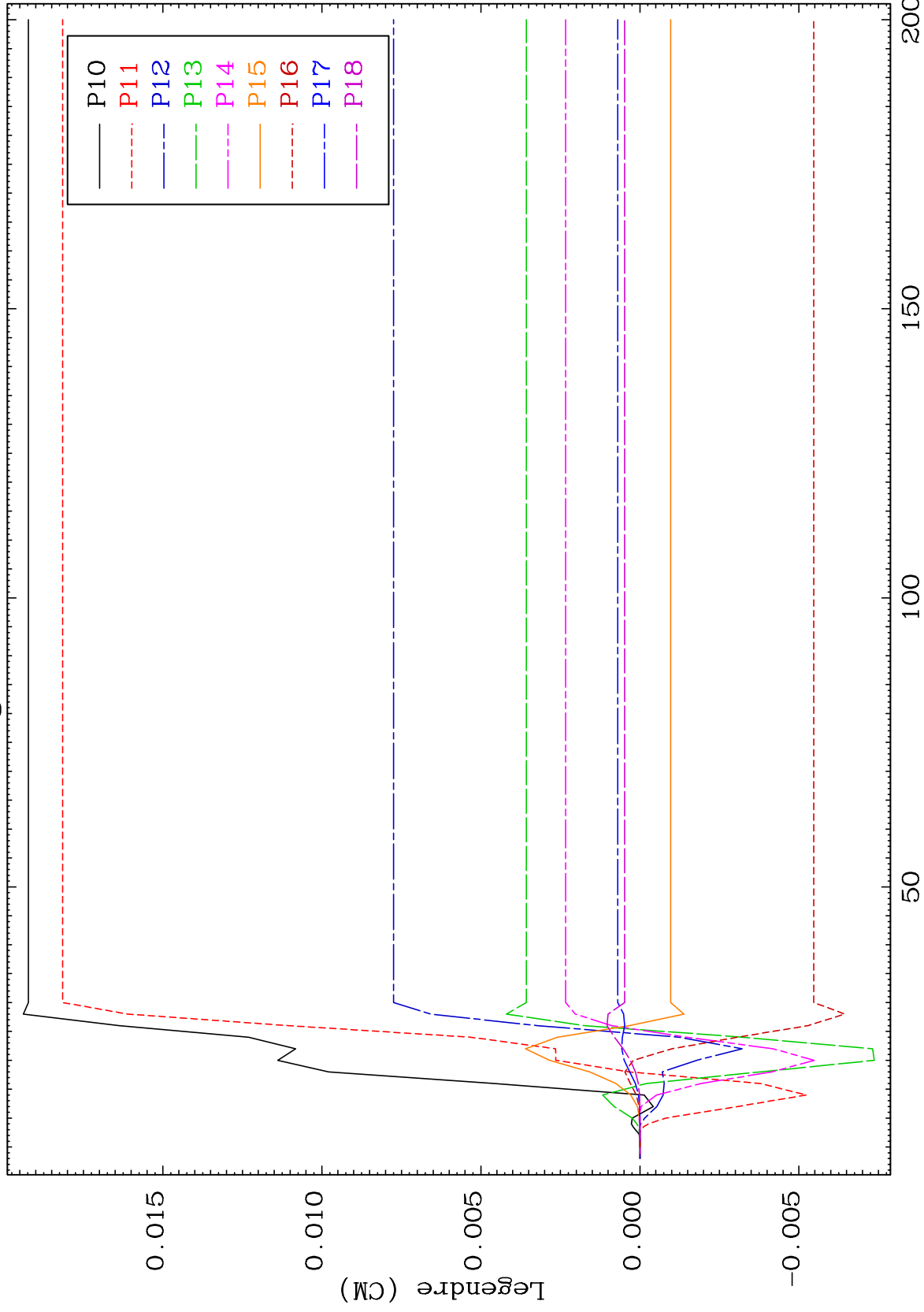
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



72

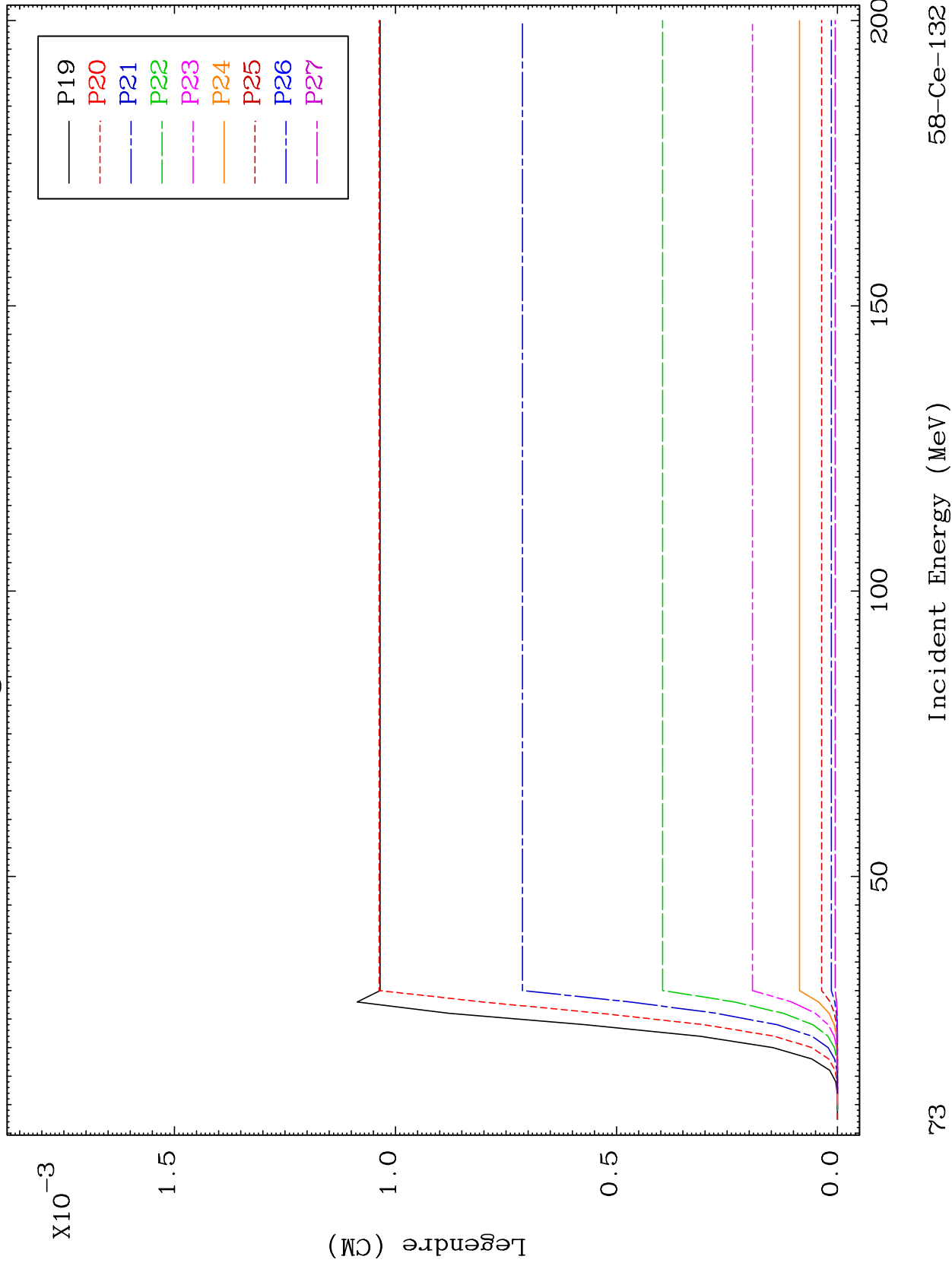
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

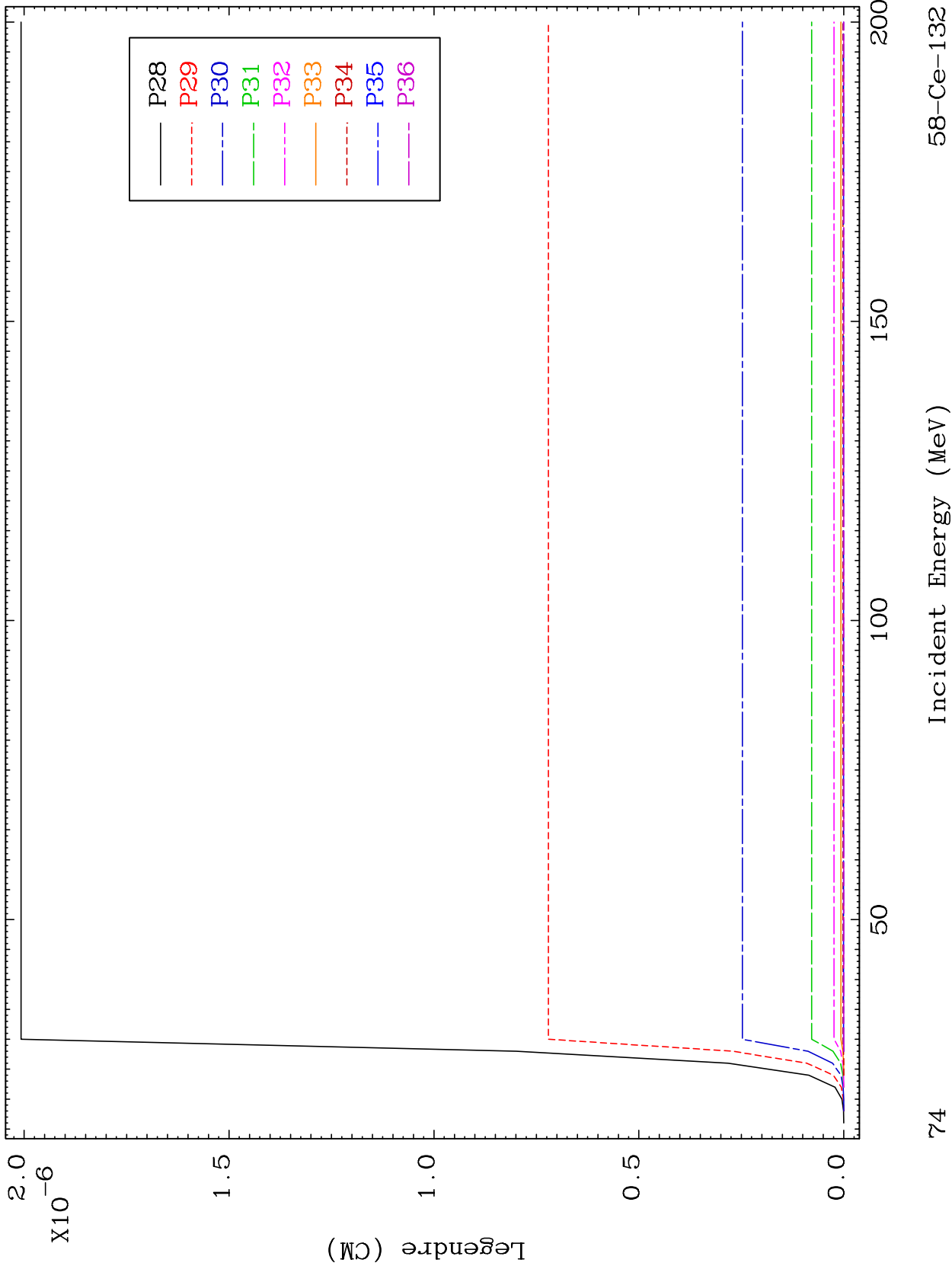
58-Ce-132



MAT 5813

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

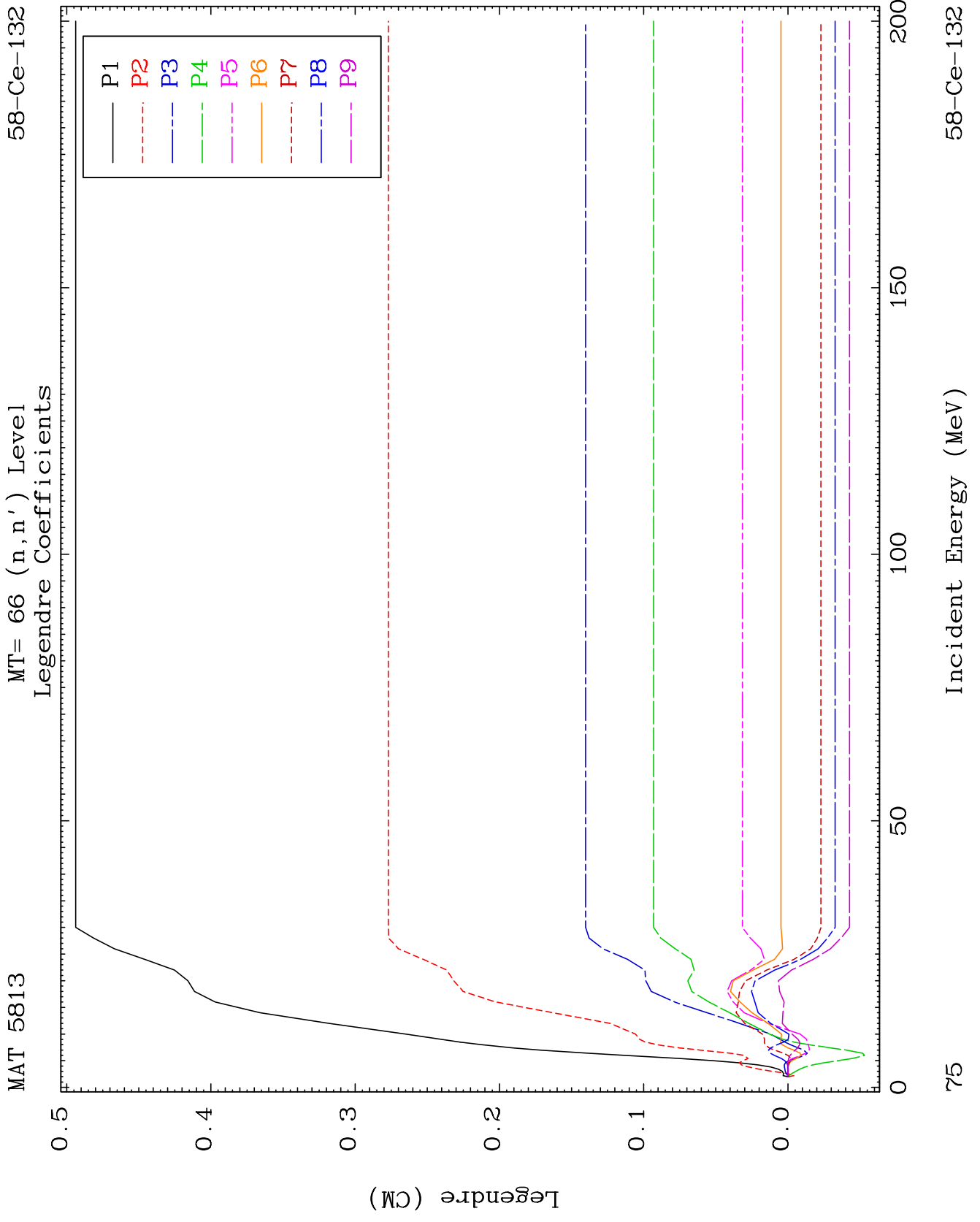
58-Ce-132



74

Incident Energy (MeV)

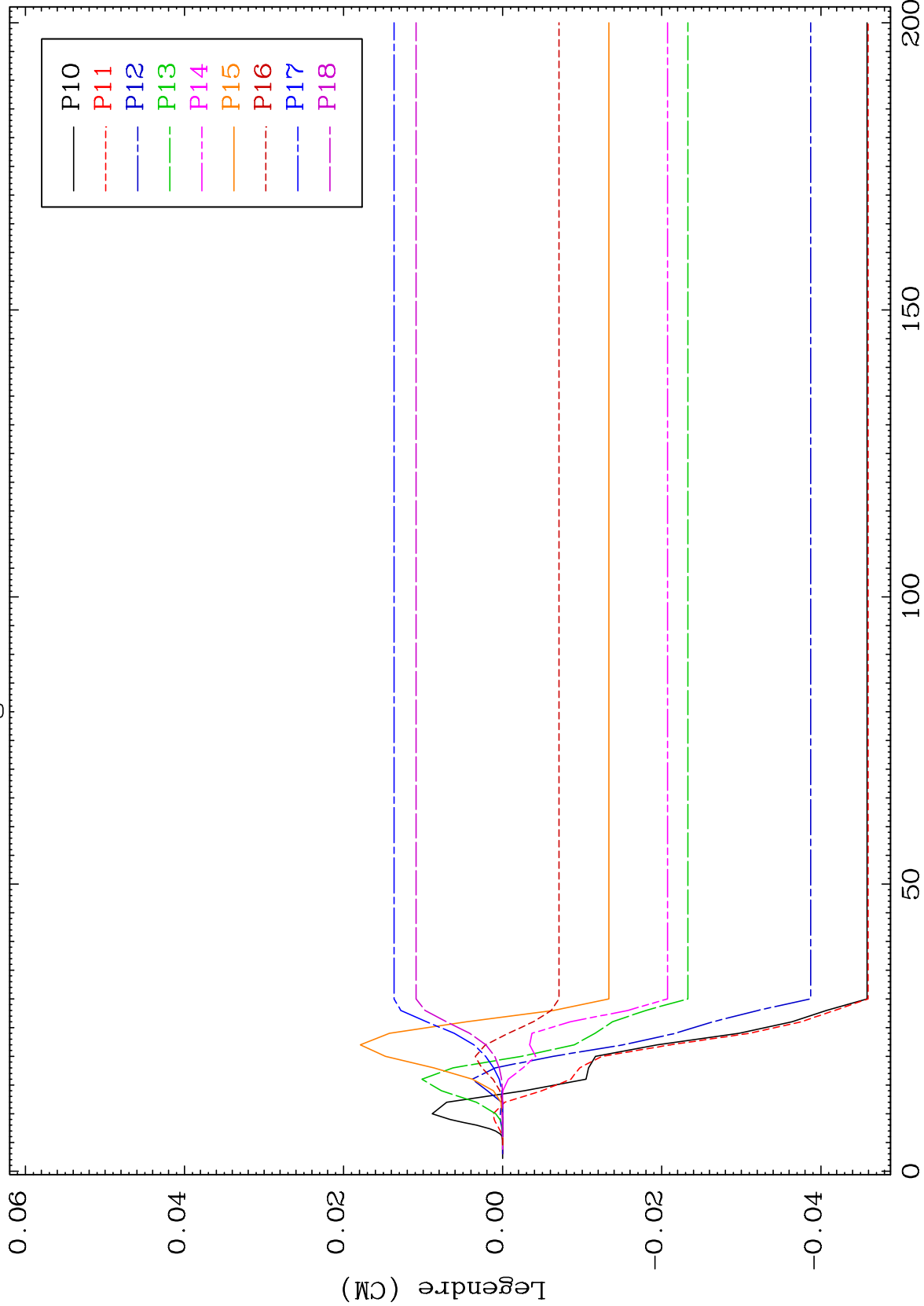
58-Ce-132



MAT 5813

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

58-Ce-132



76

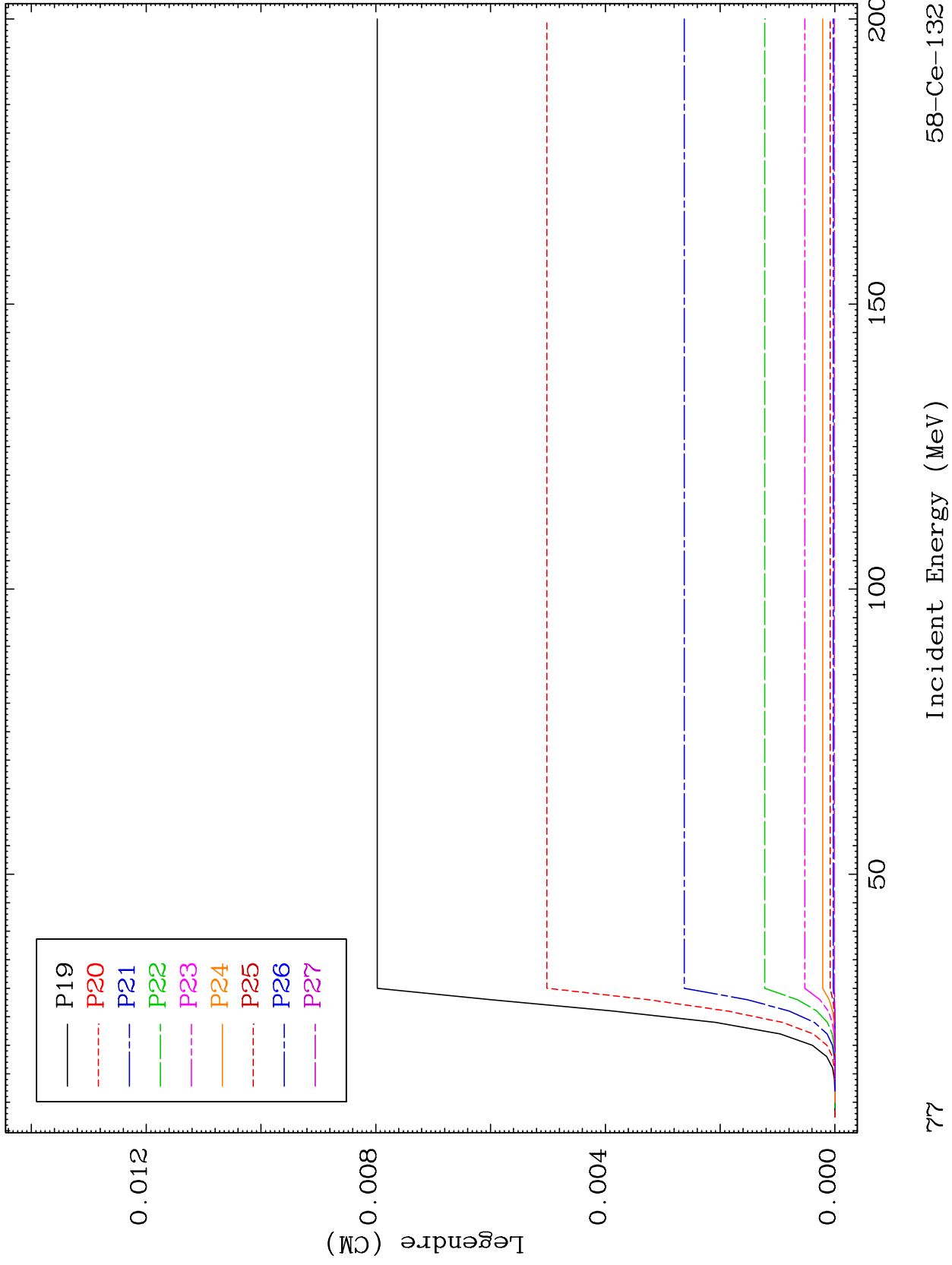
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



77

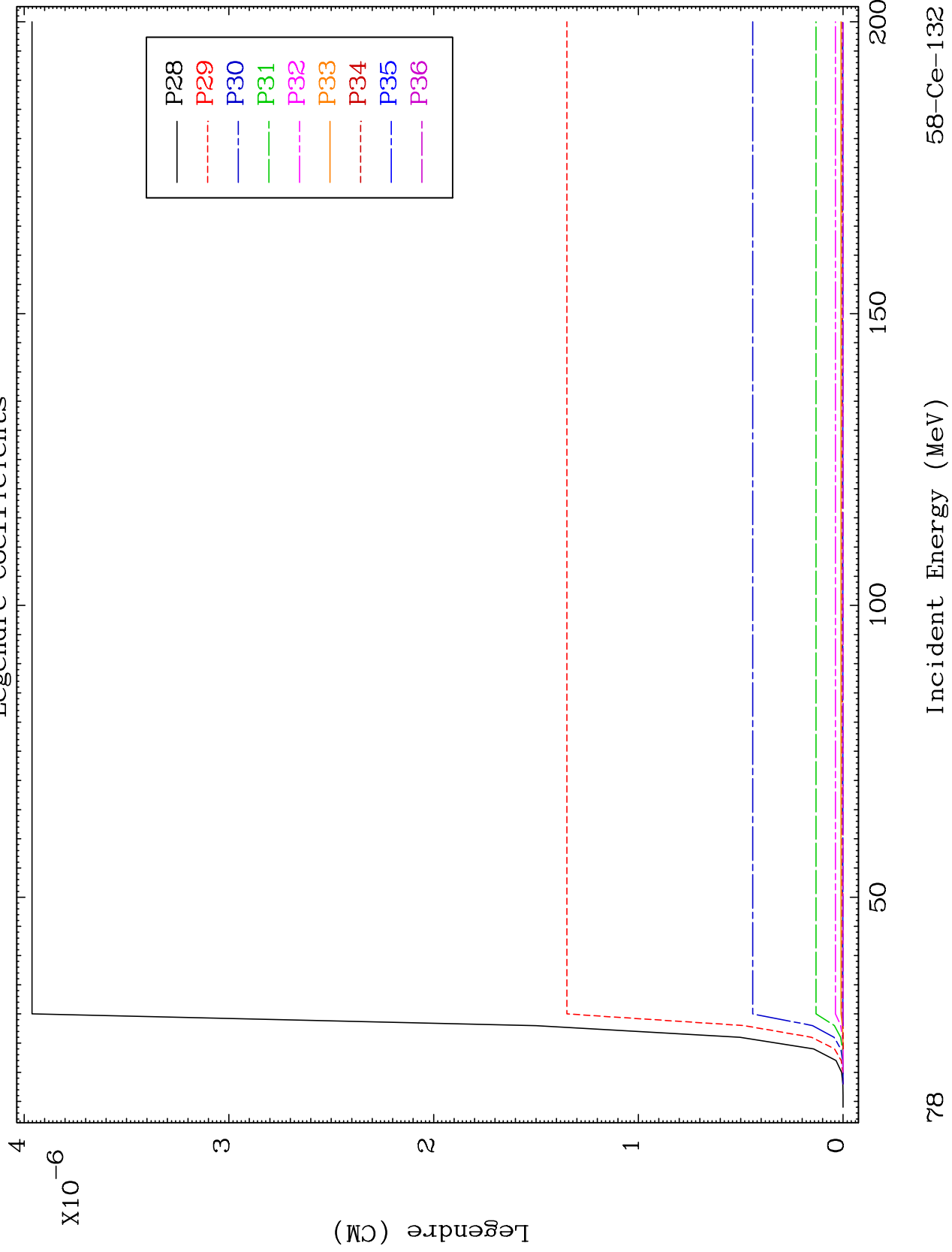
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

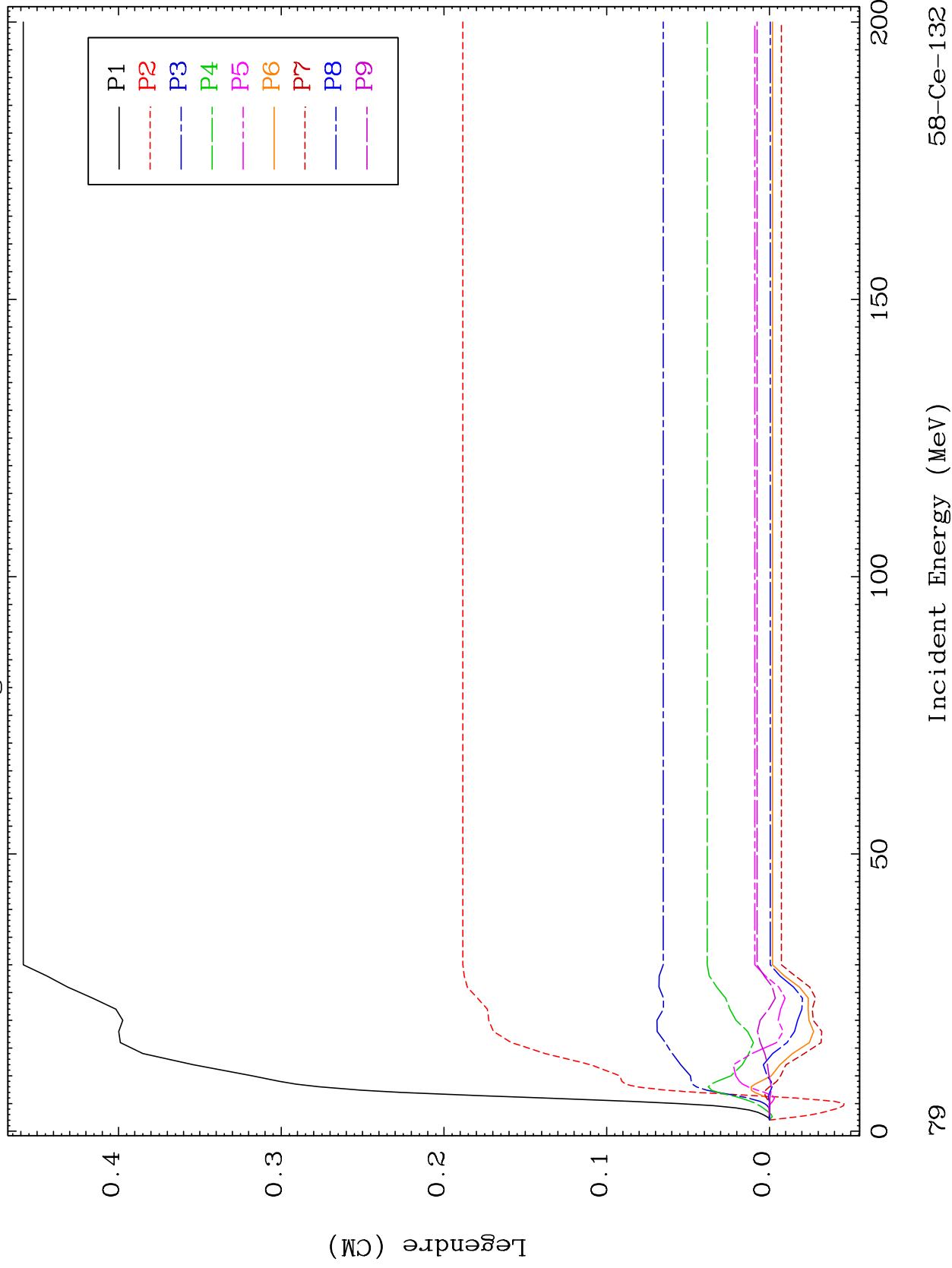
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

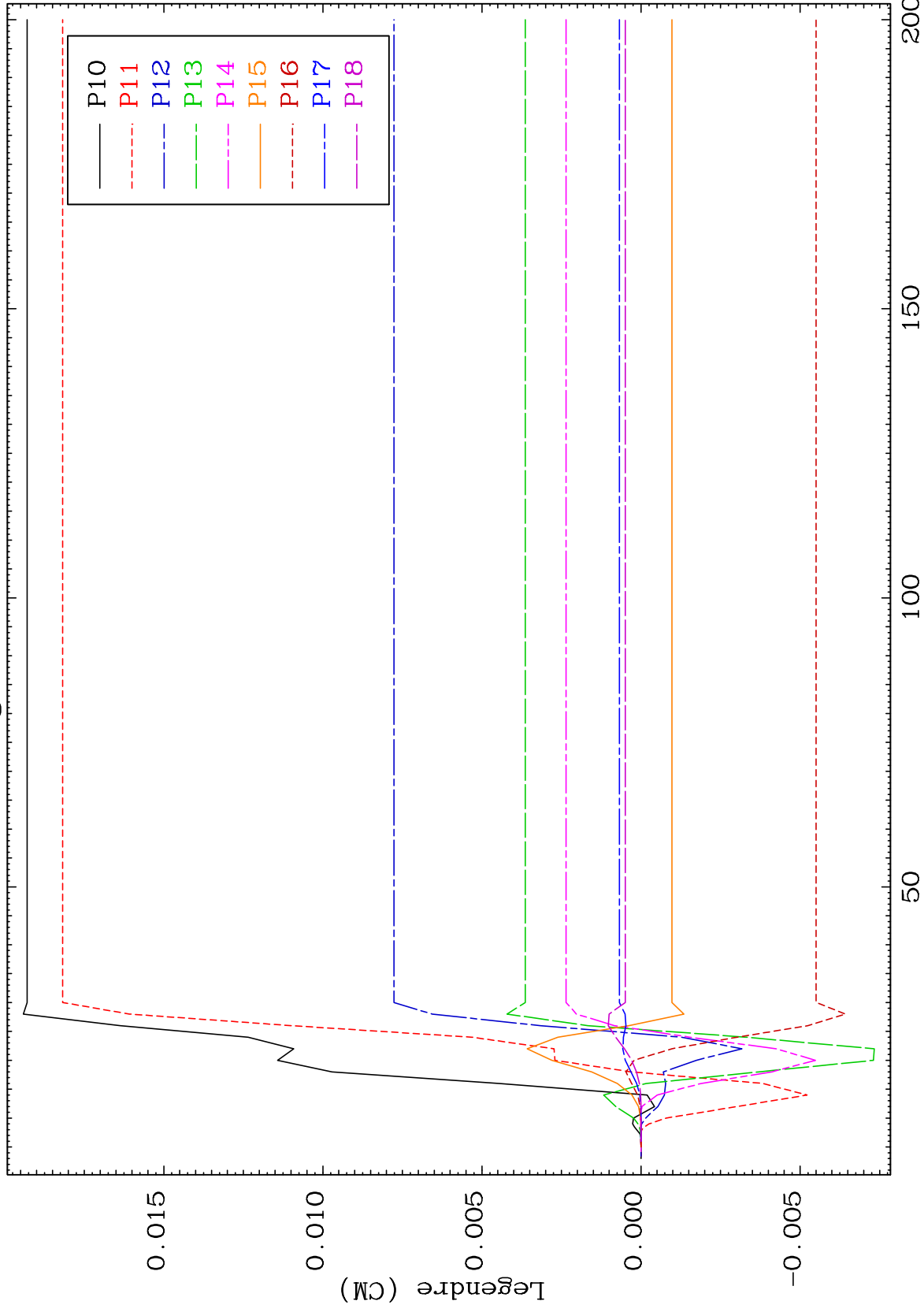
Incident Energy (MeV)

79

MAT 5813

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

58-Ce-132



80

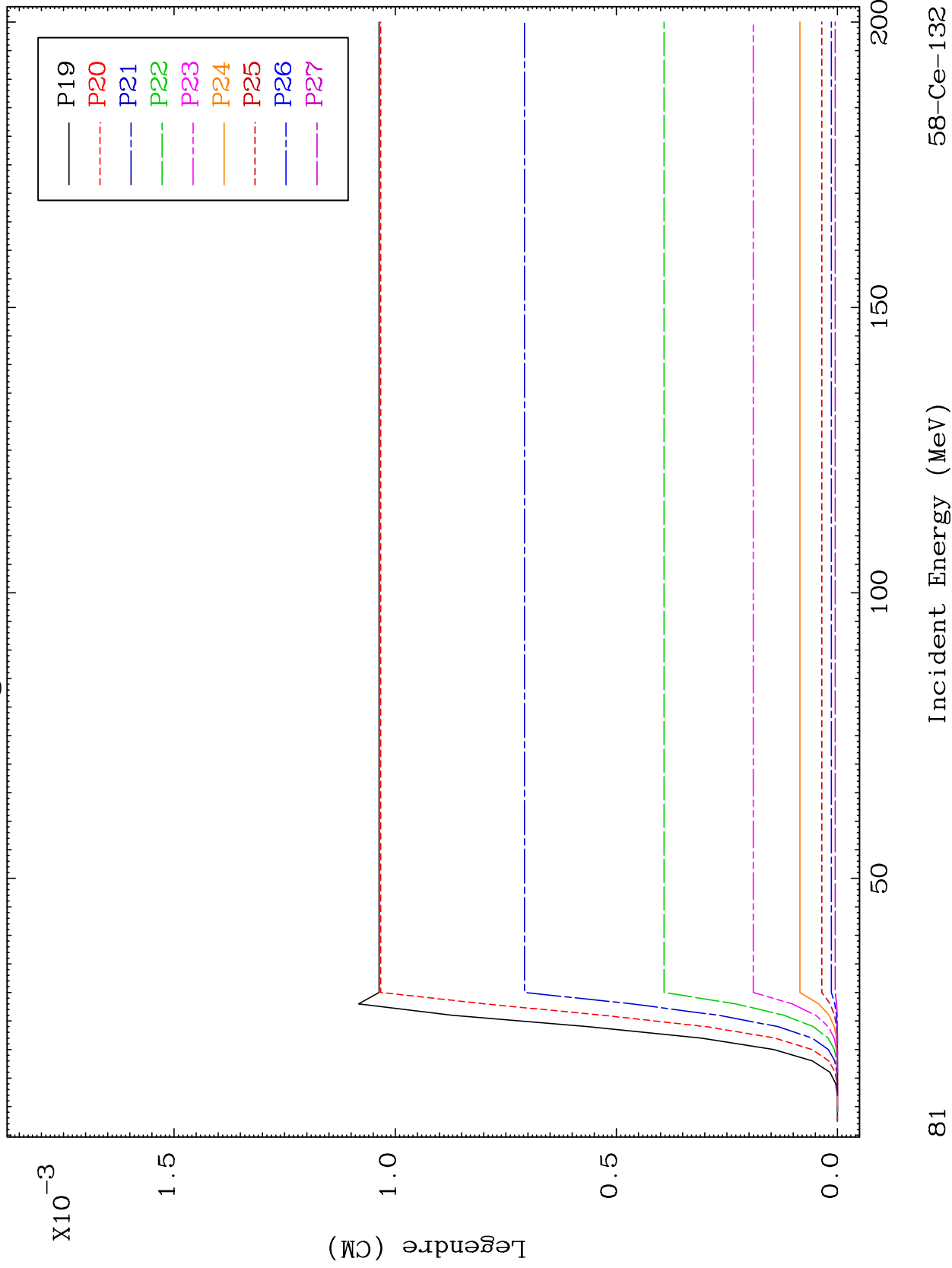
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



81

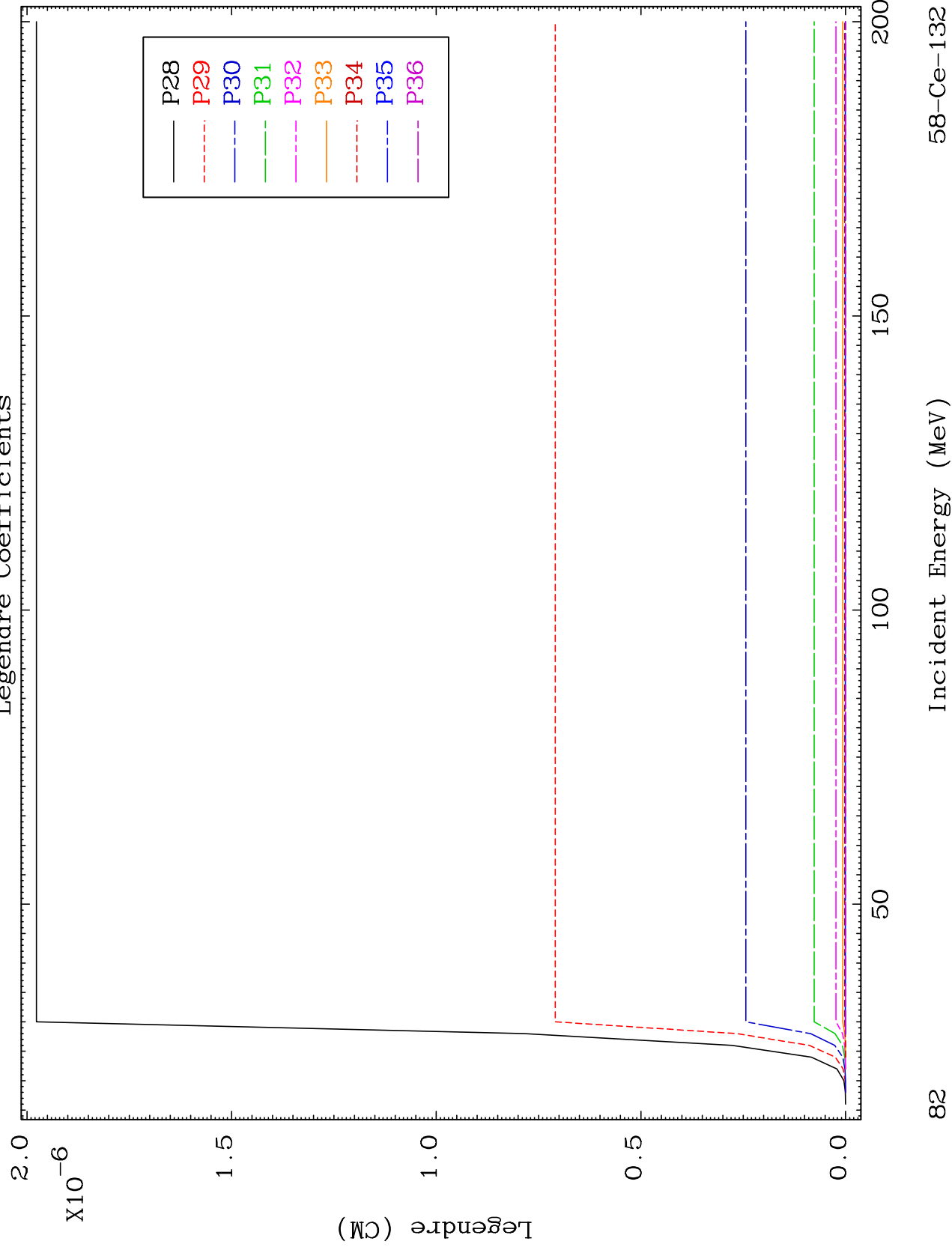
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



82

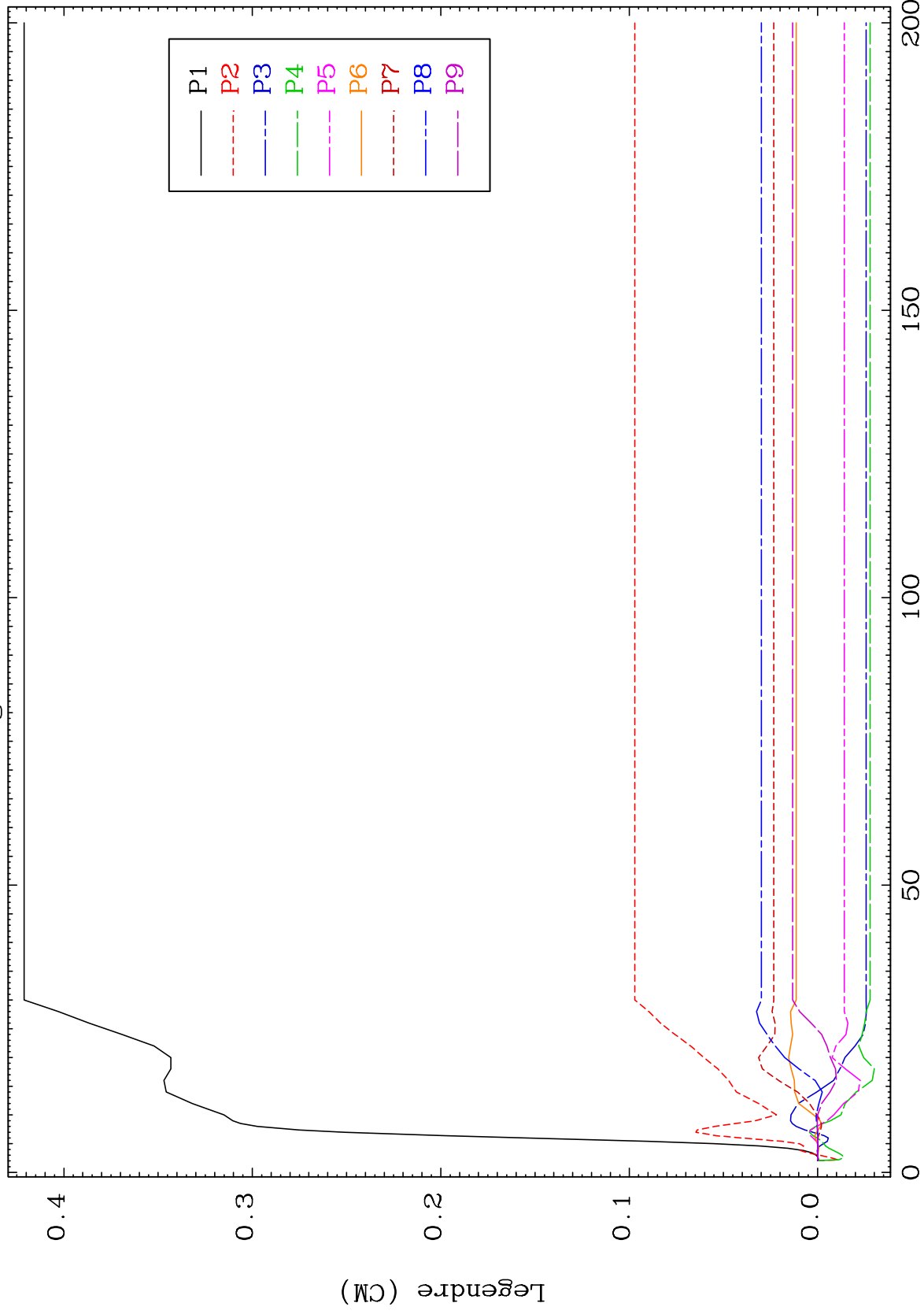
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



83

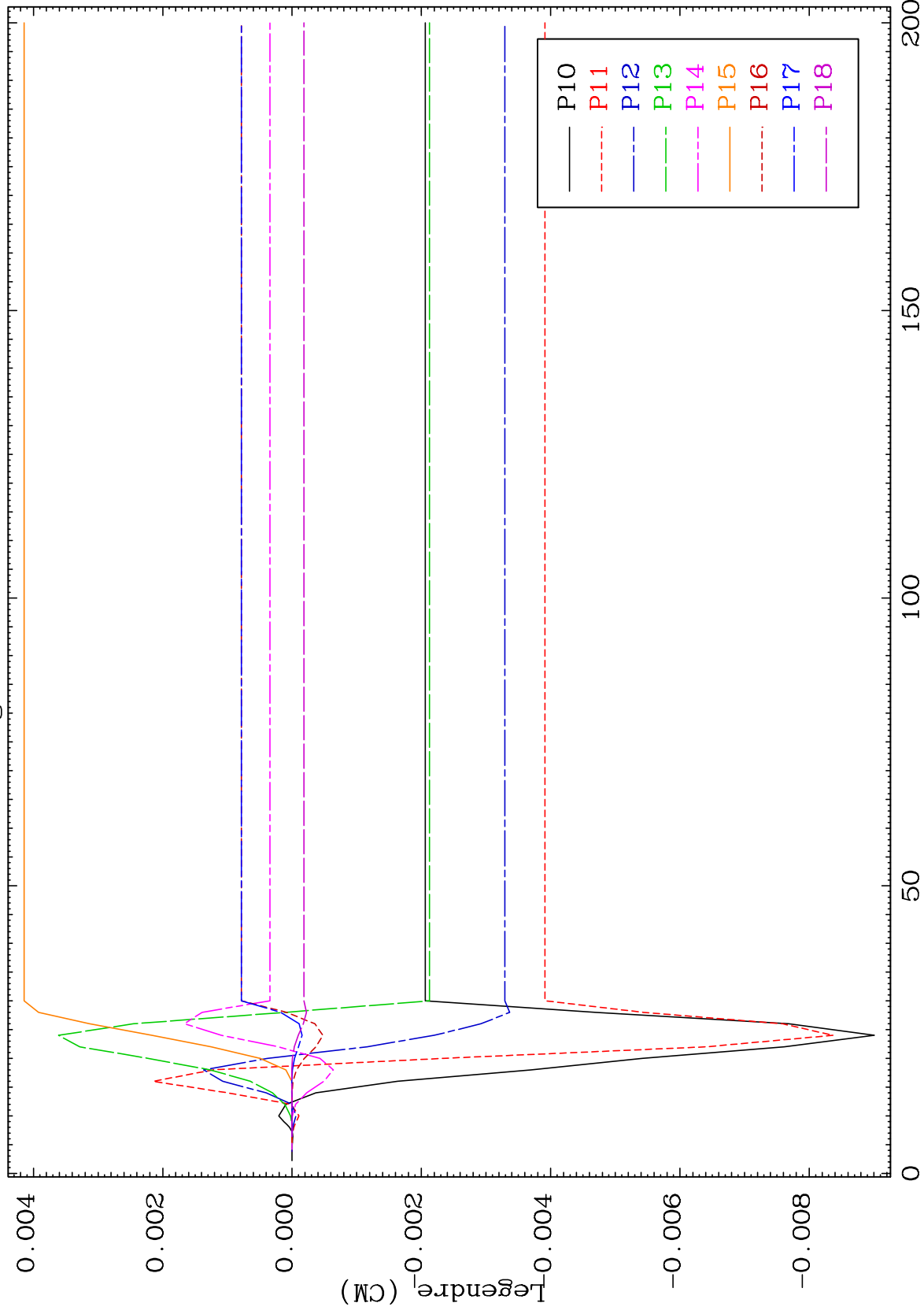
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



84

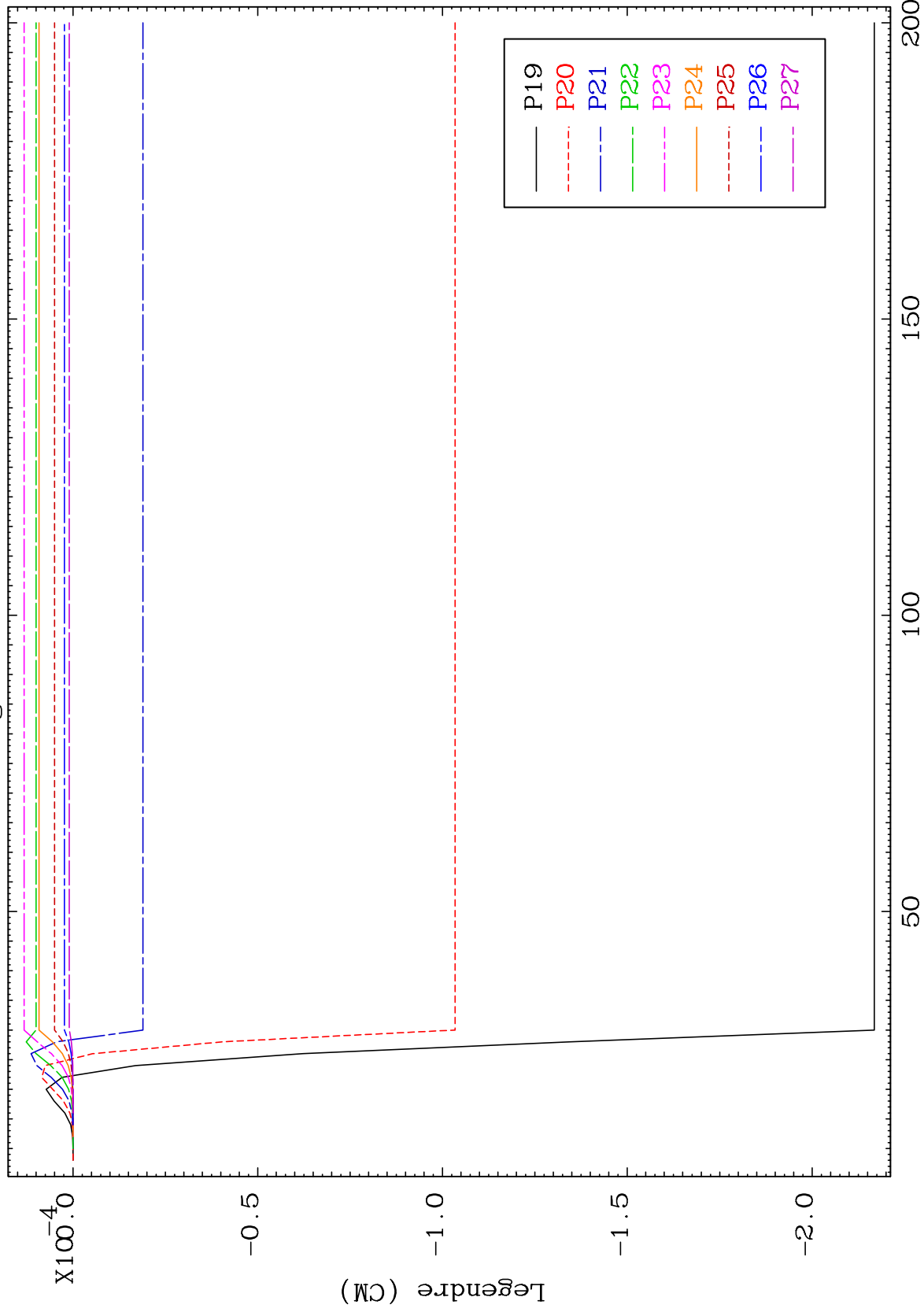
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



85

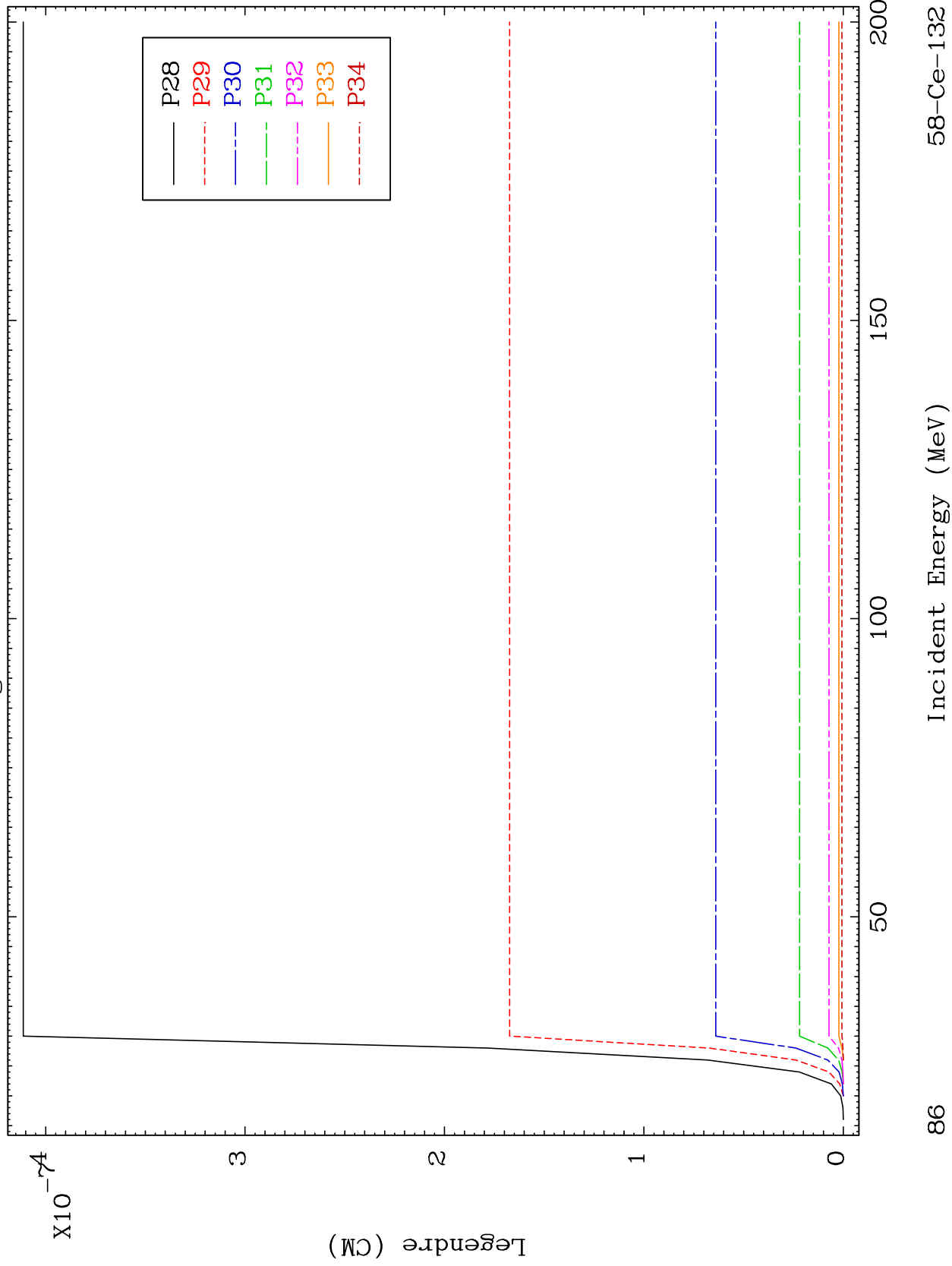
Incident Energy (MeV)

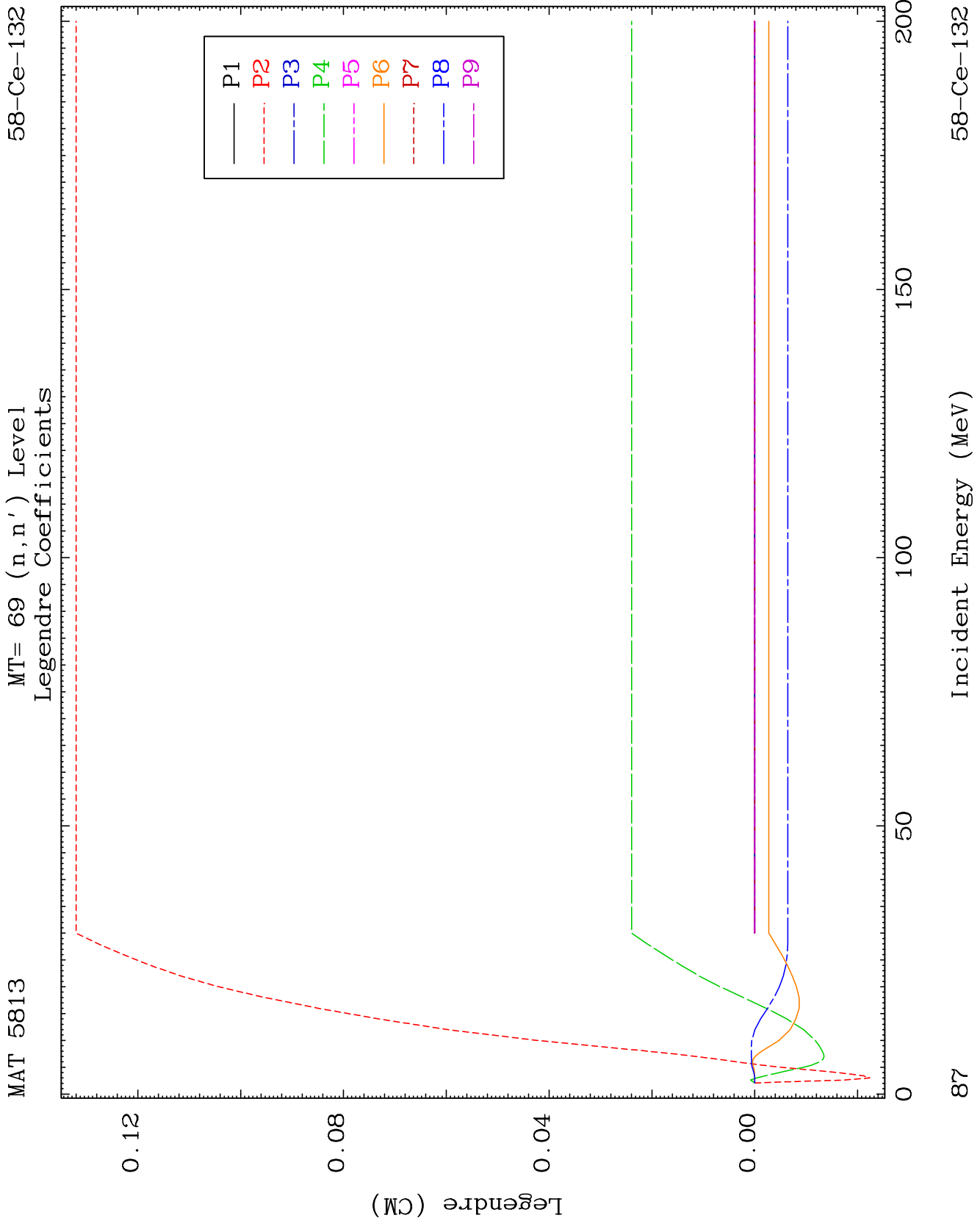
58-Ce-132

MAT 5813

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

58-Ce-132

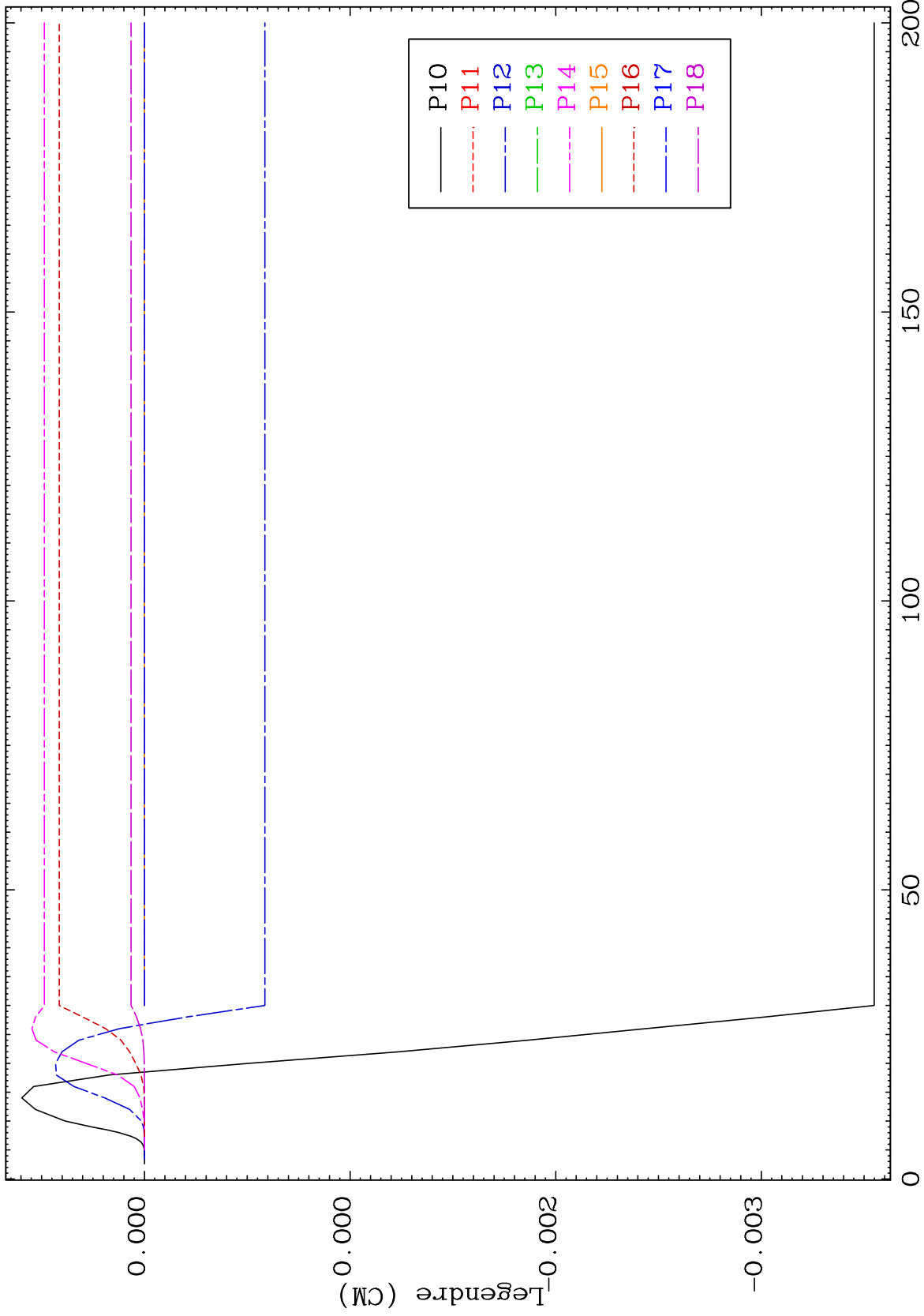




MAT 5813

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

58-Ce-132



88

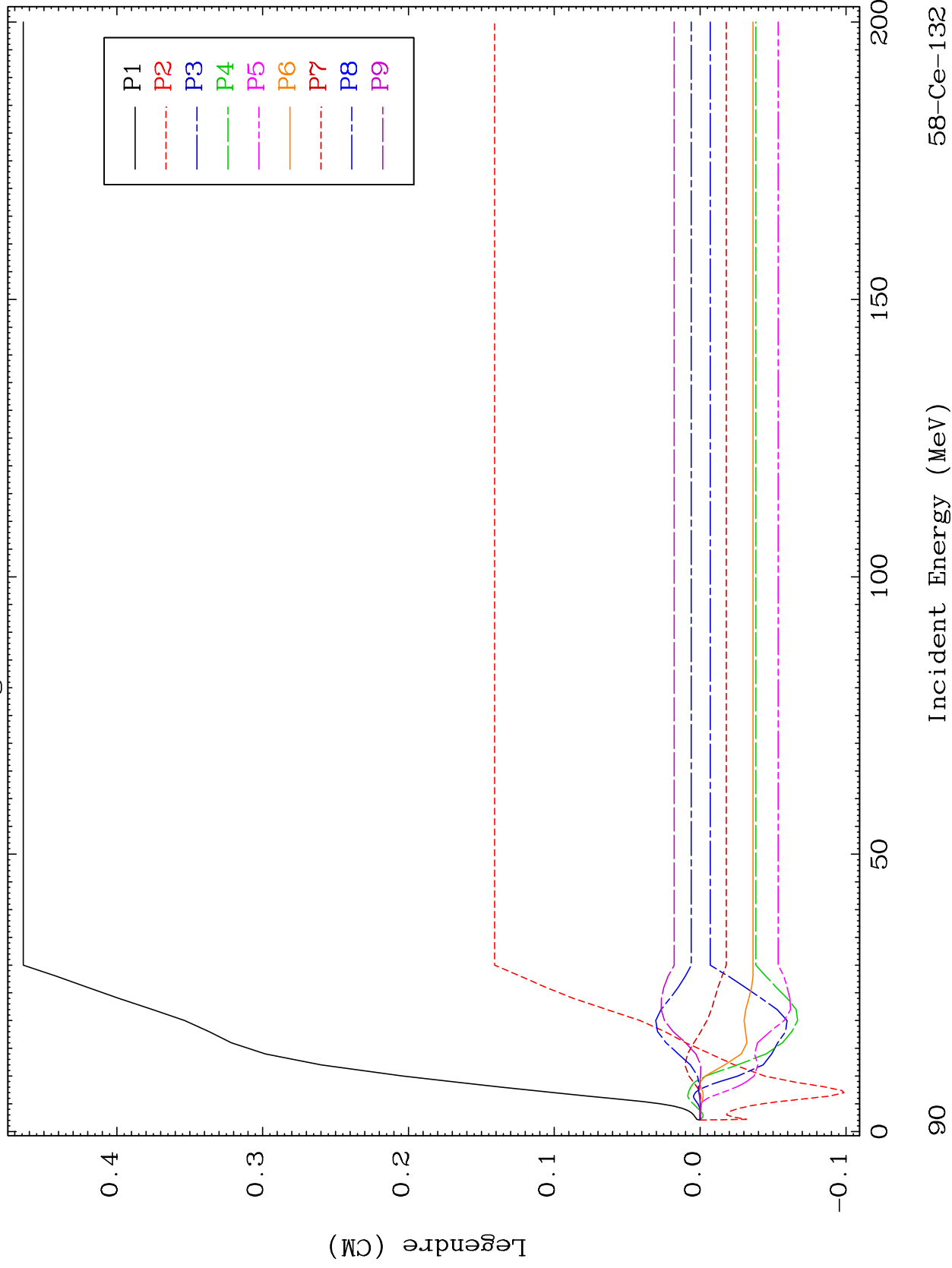
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



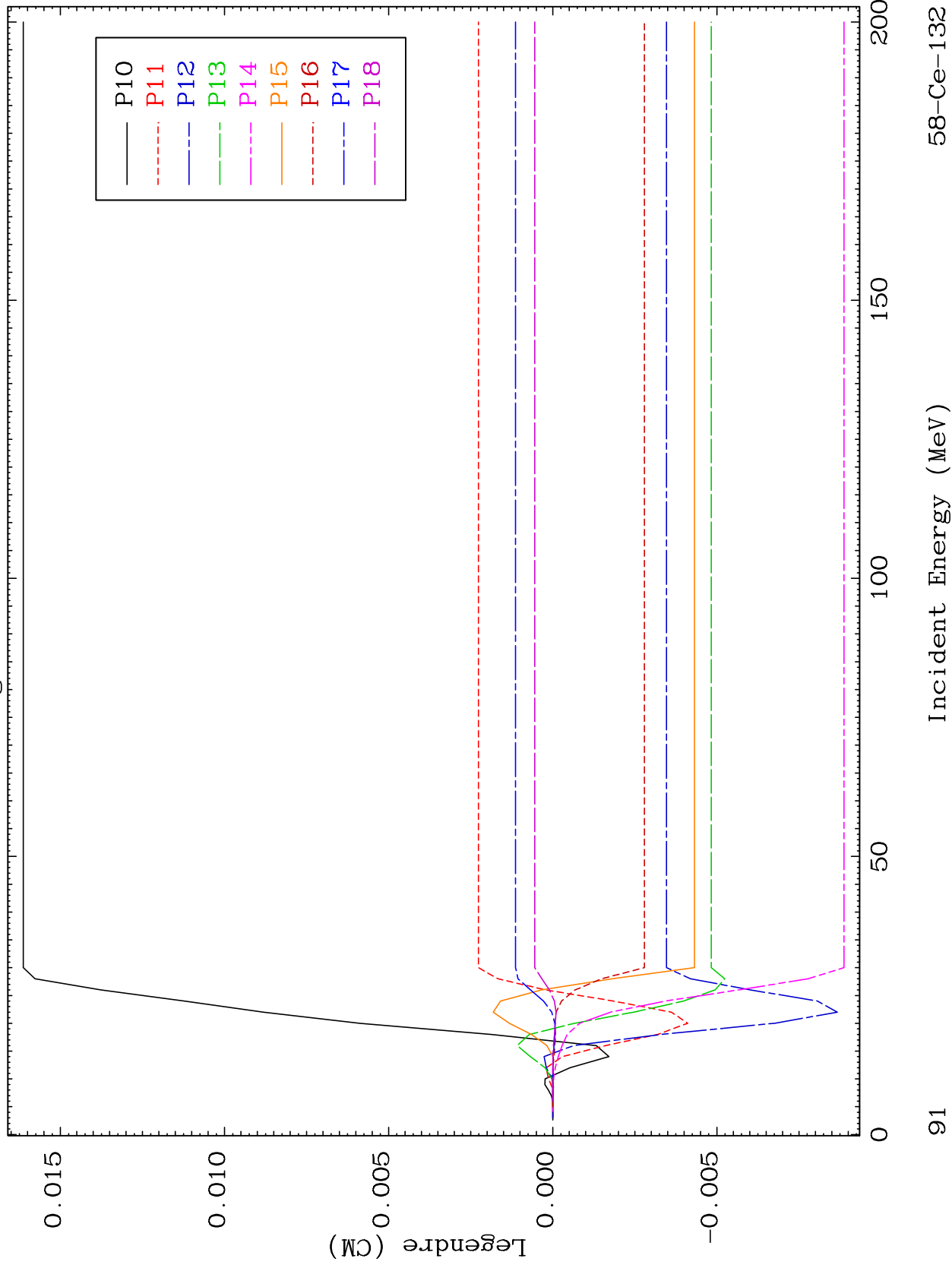
58-Ce-132

Incident Energy (MeV)

MAT 5813

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

58-Ce-132



91

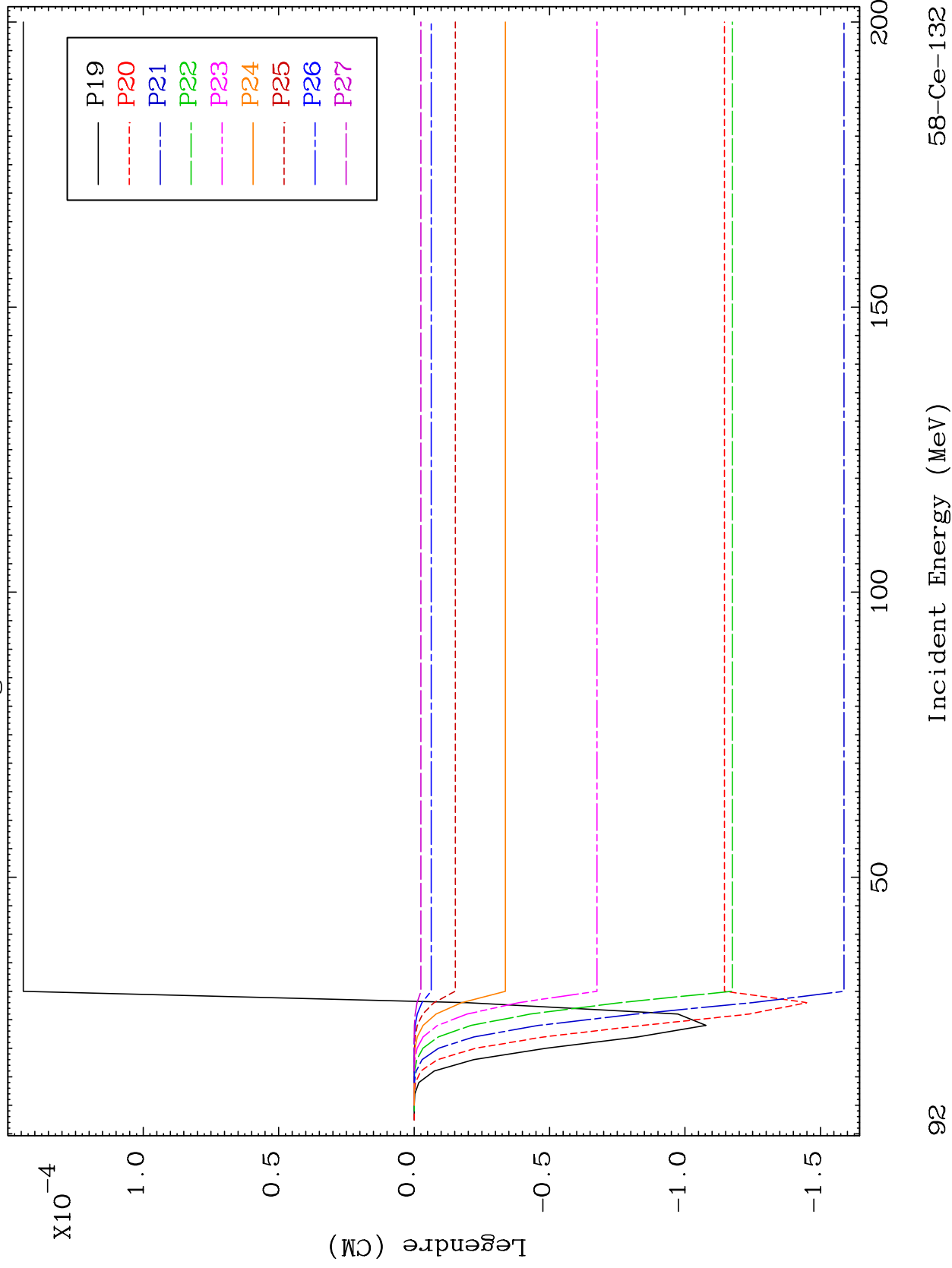
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



92

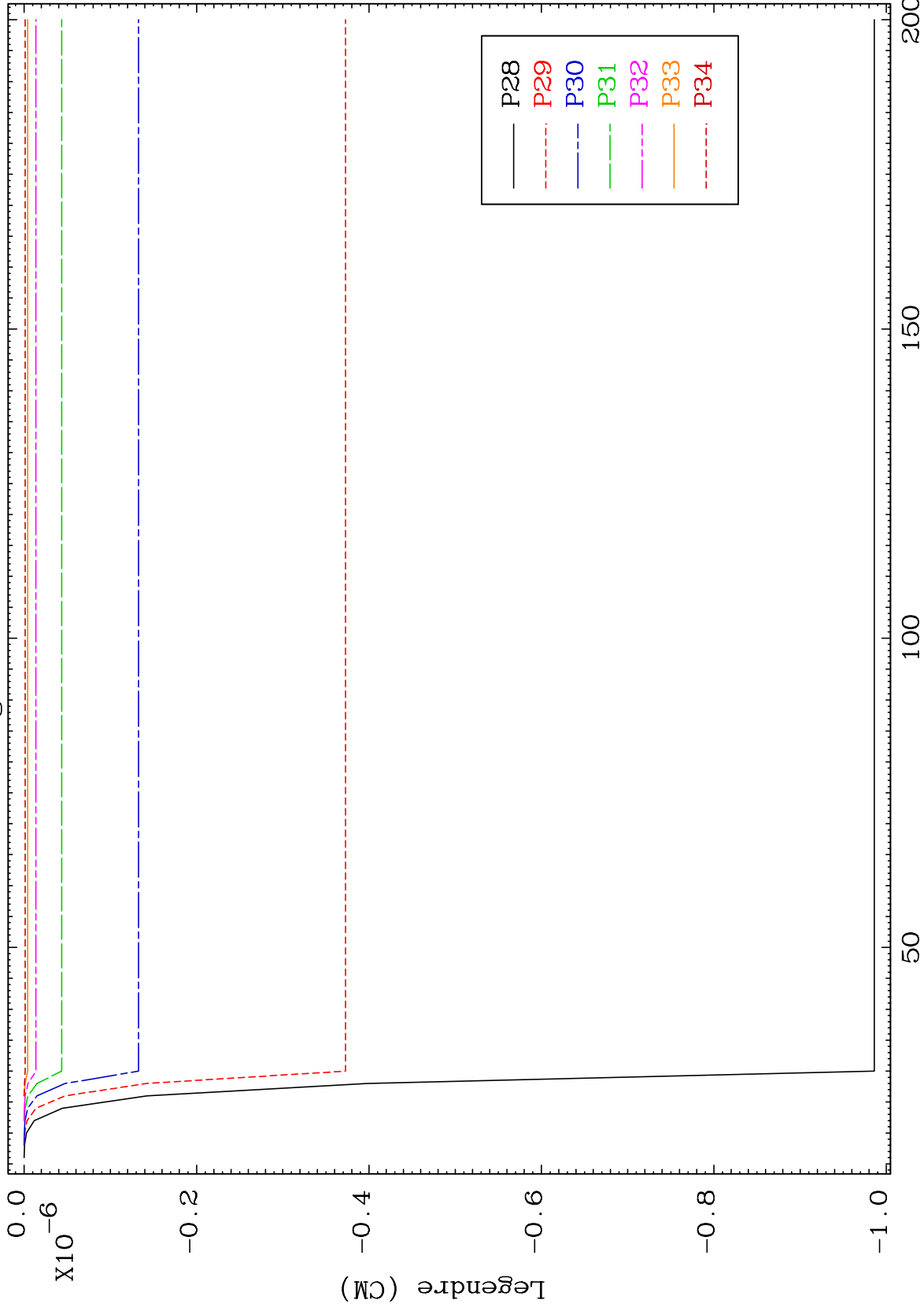
58-Ce-132

MAT 5813

MT= 70 (n,n') Level

58-Ce-132

Legendre Coefficients



93

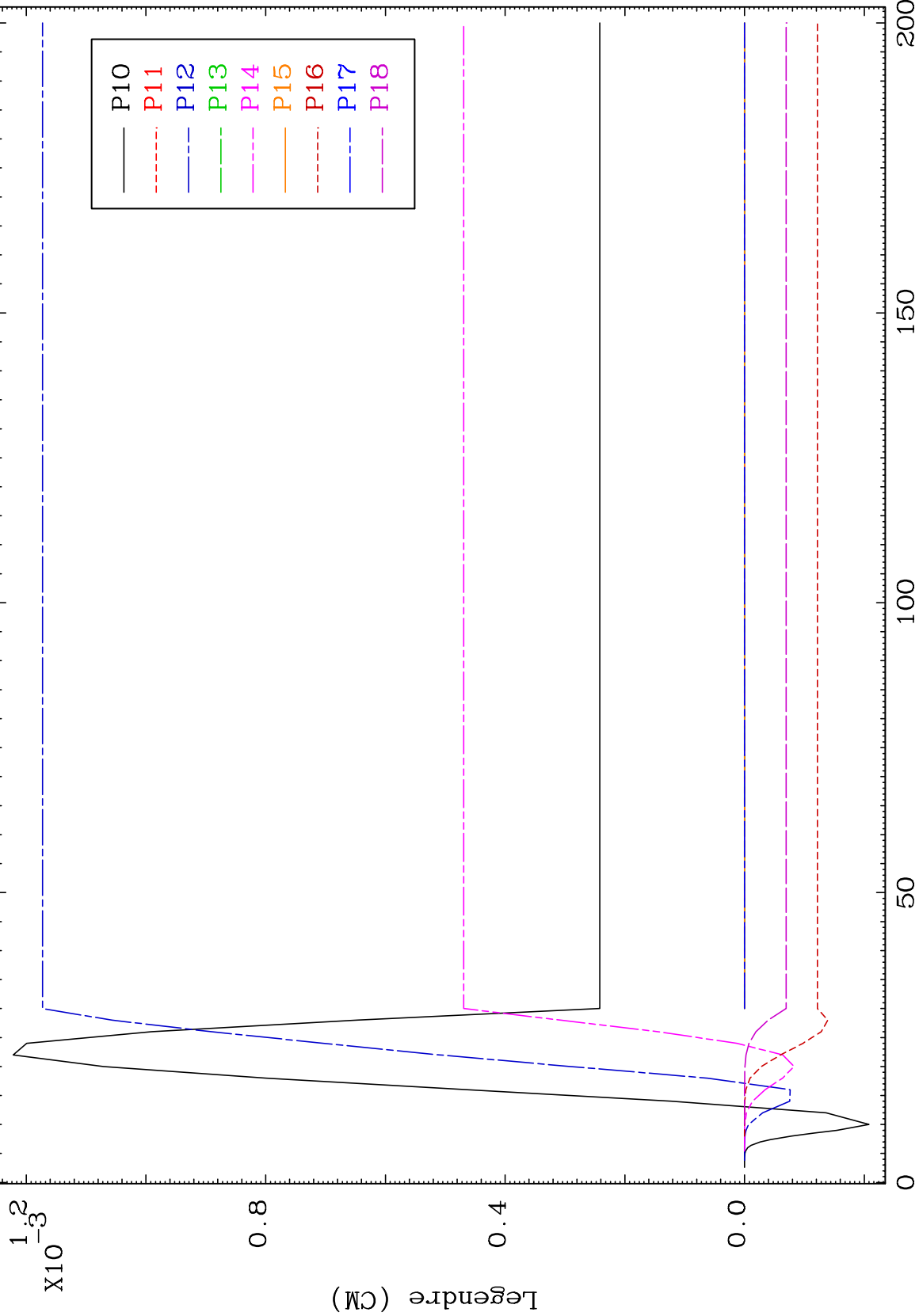
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

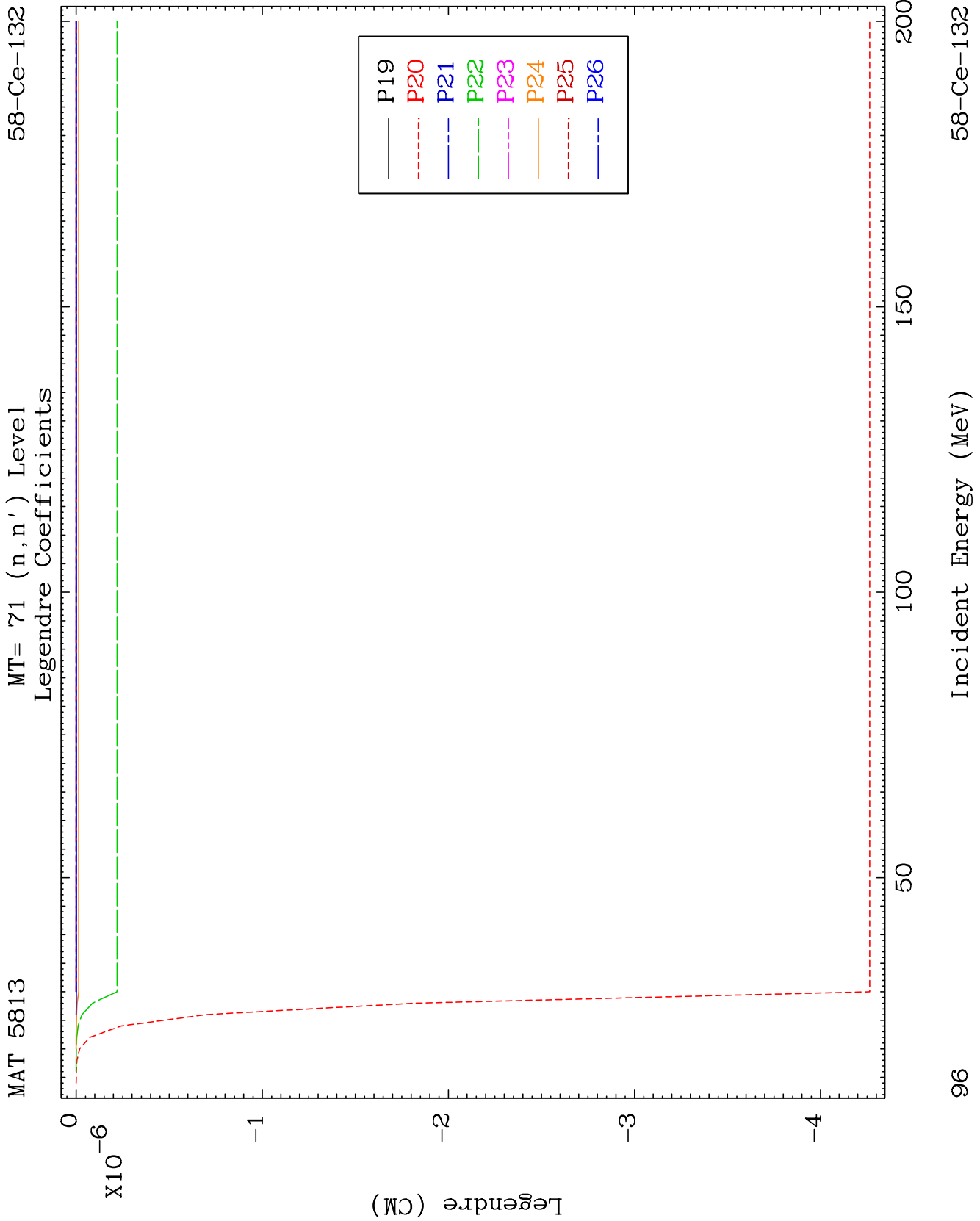
58-Ce-132



58-Ce-132

Incident Energy (MeV)

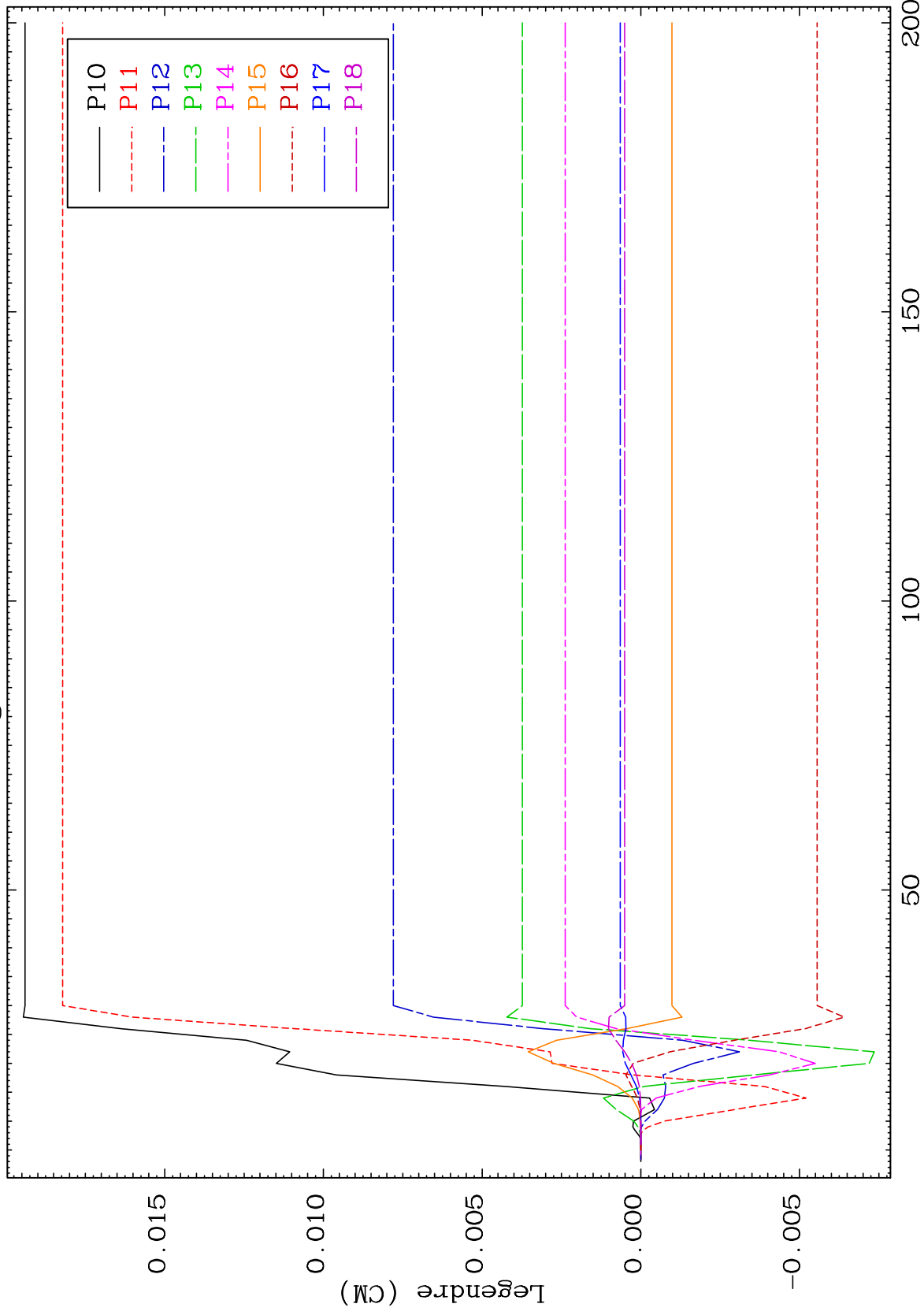
95



MAT 5813

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

58-Ce-132



98

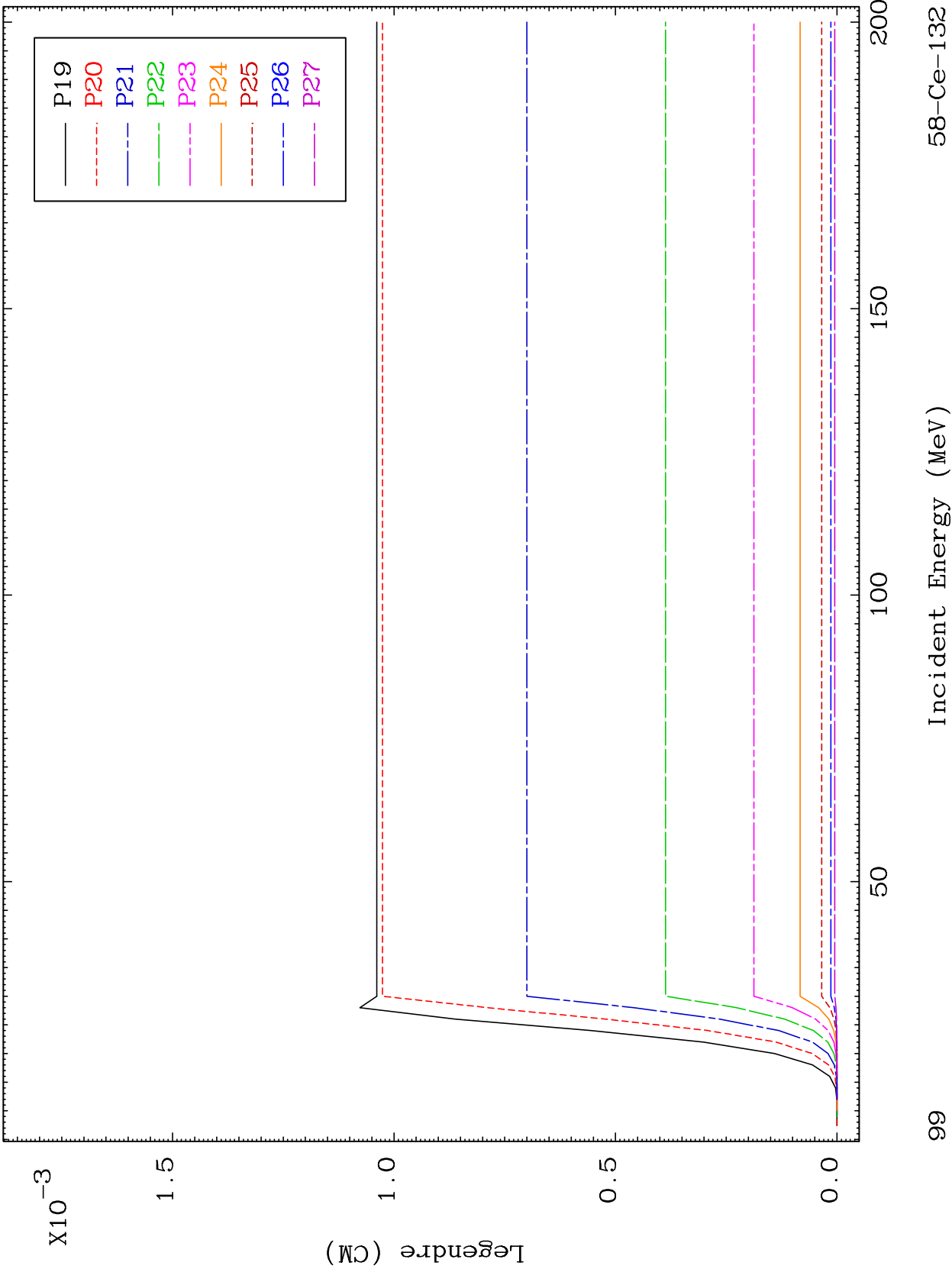
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

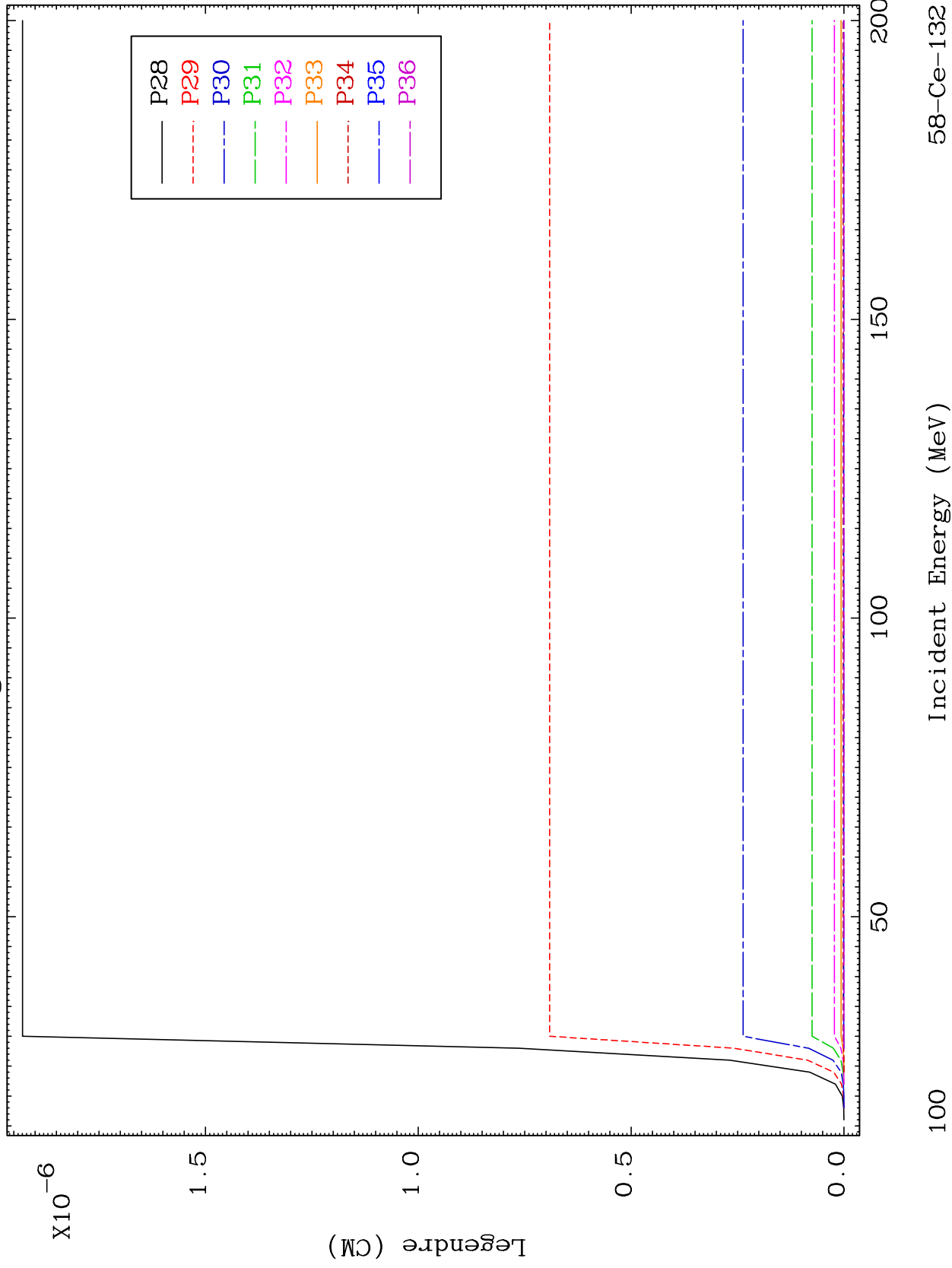
58-Ce-132



MAT 5813

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

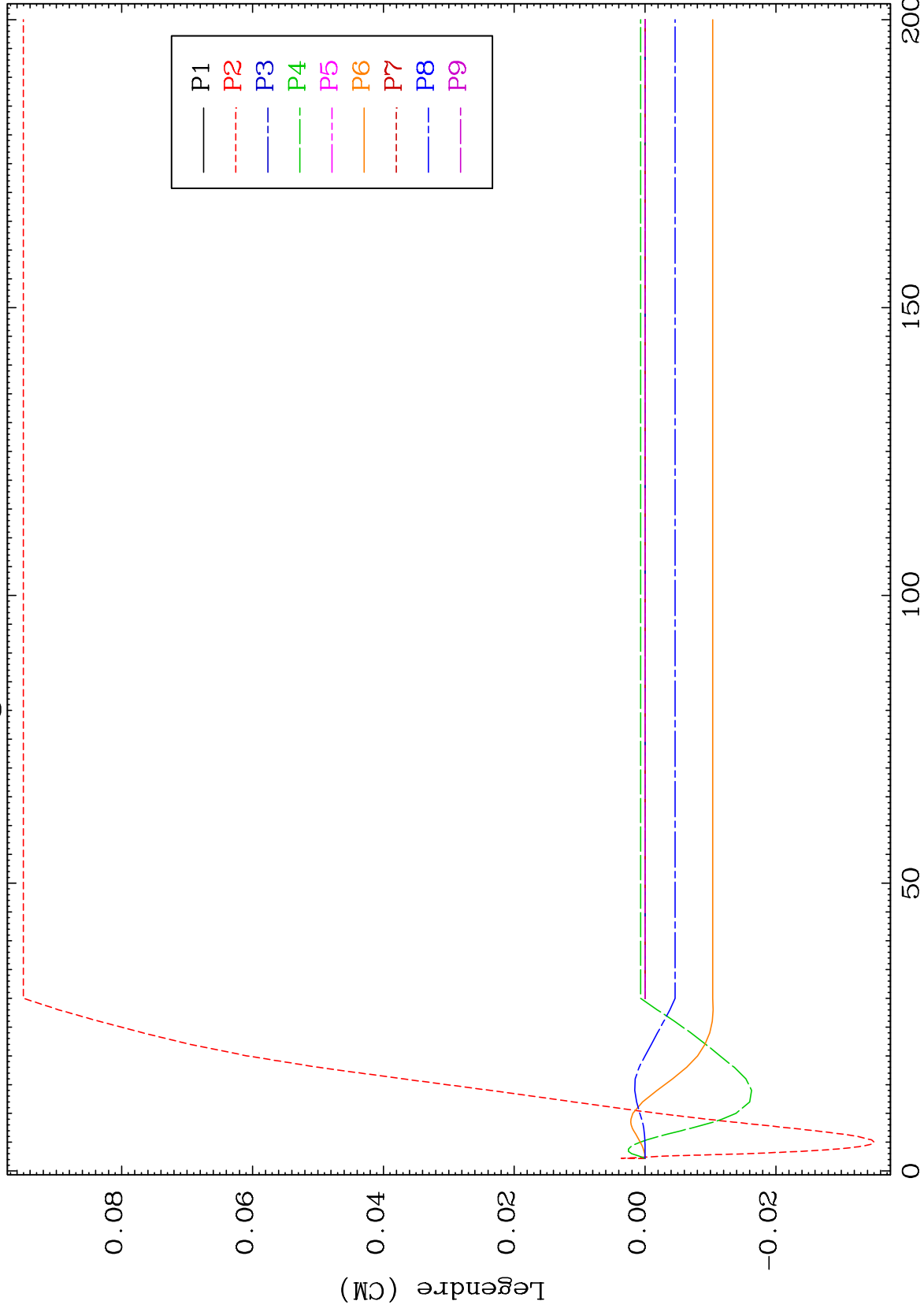
58-Ce-132



MAT 5813

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

58-Ce-132



101

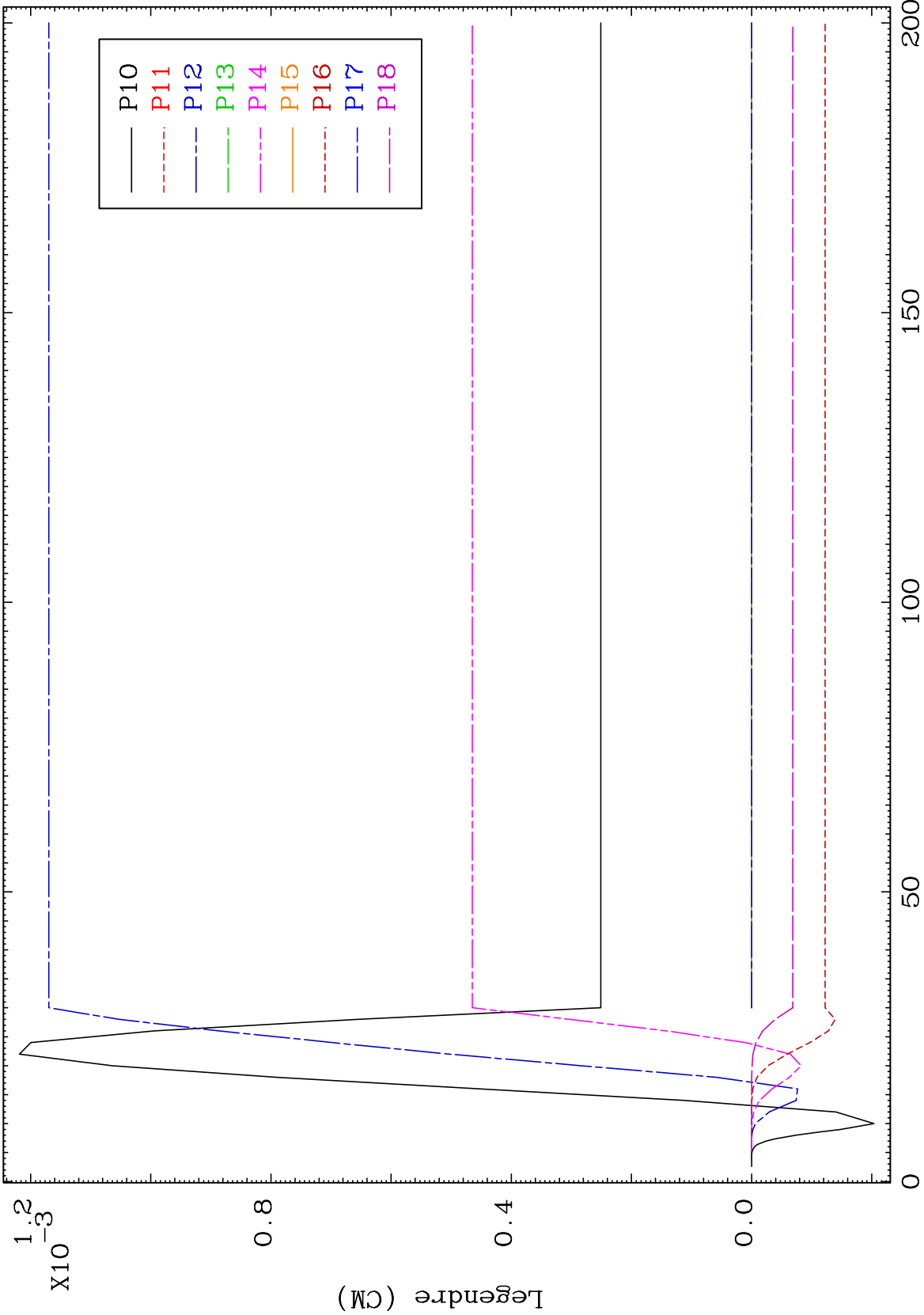
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

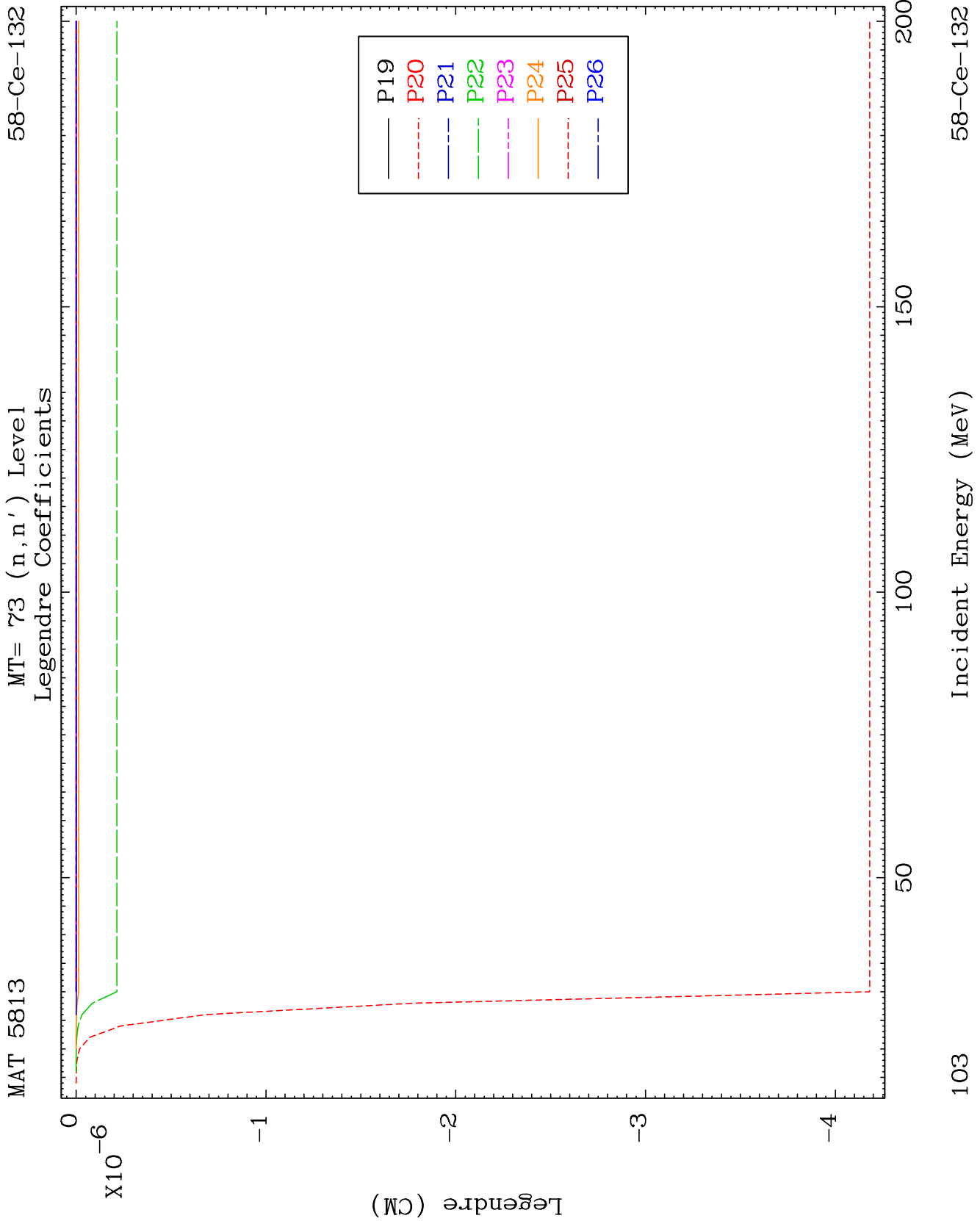
58-Ce-132



102

Incident Energy (MeV)

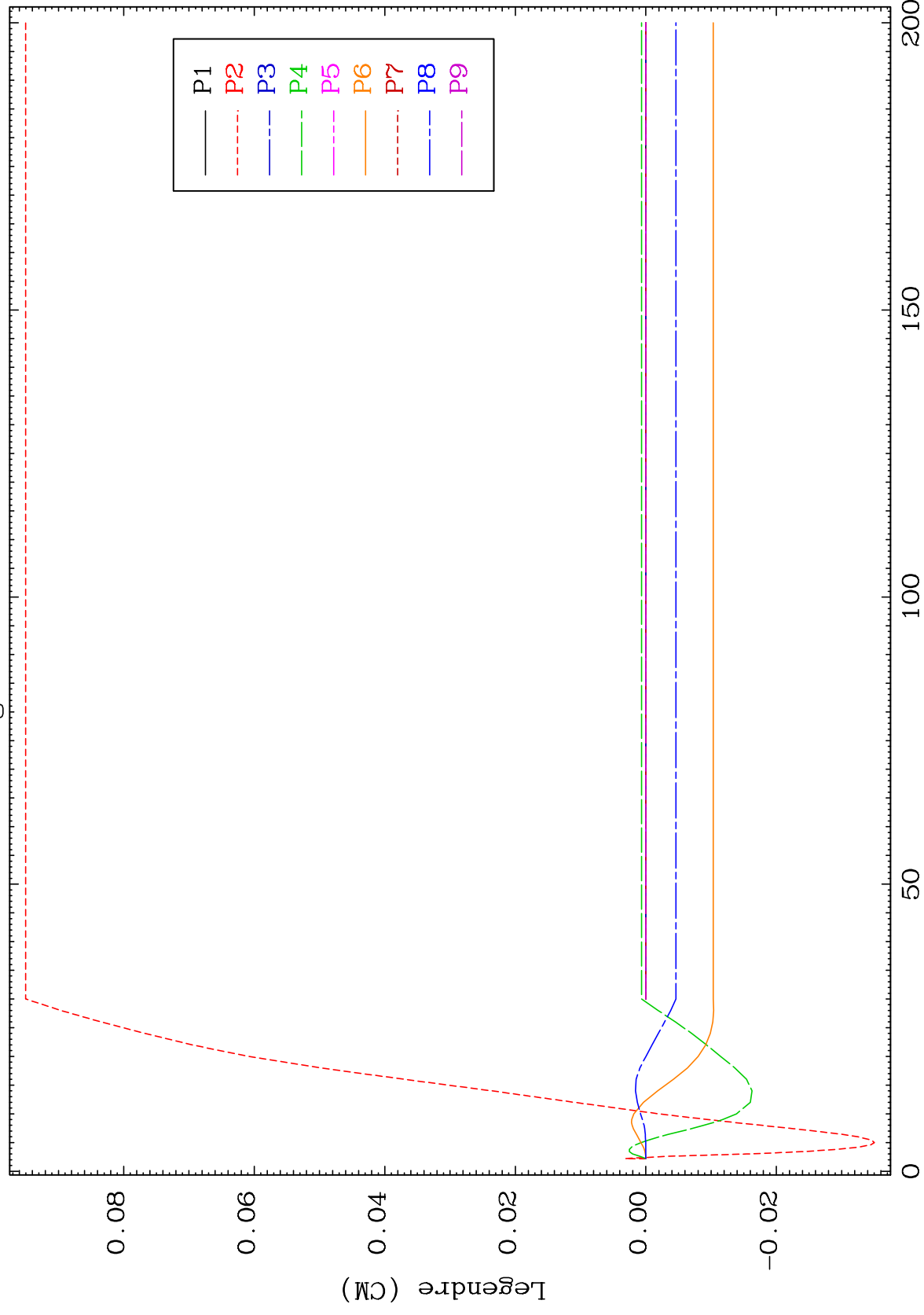
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

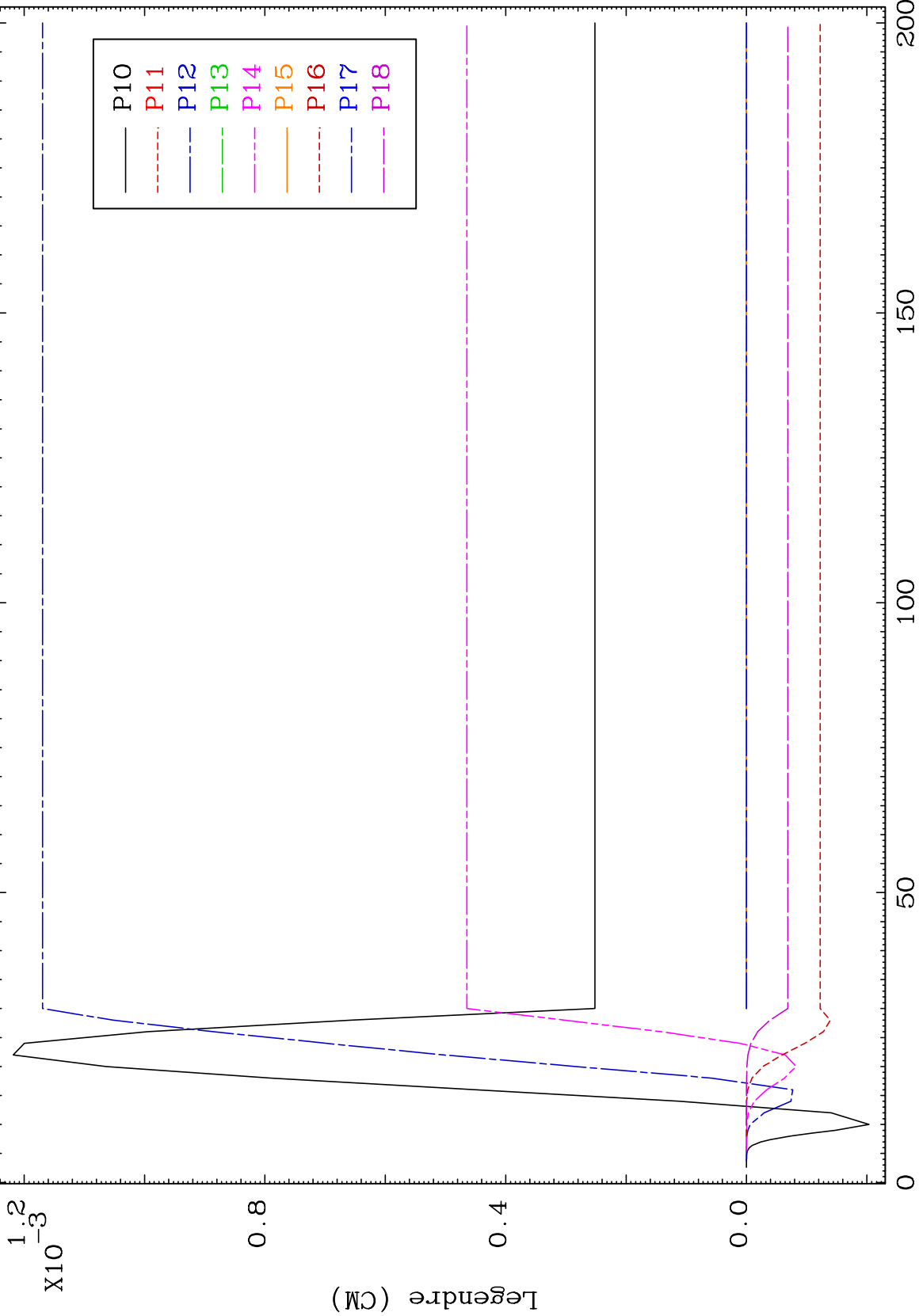
Incident Energy (MeV)

104

MAT 5813

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

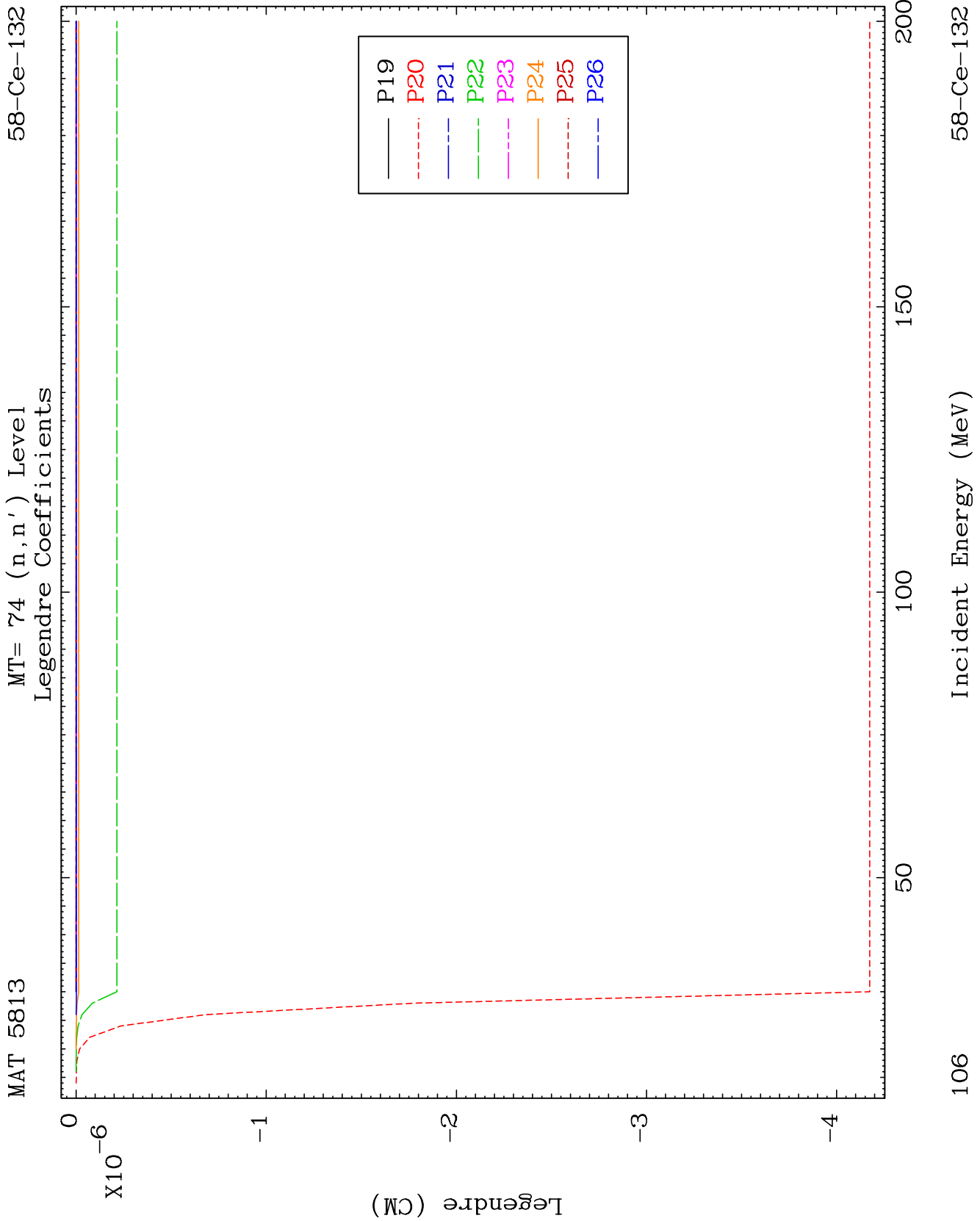
58-Ce-132



105

Incident Energy (MeV)

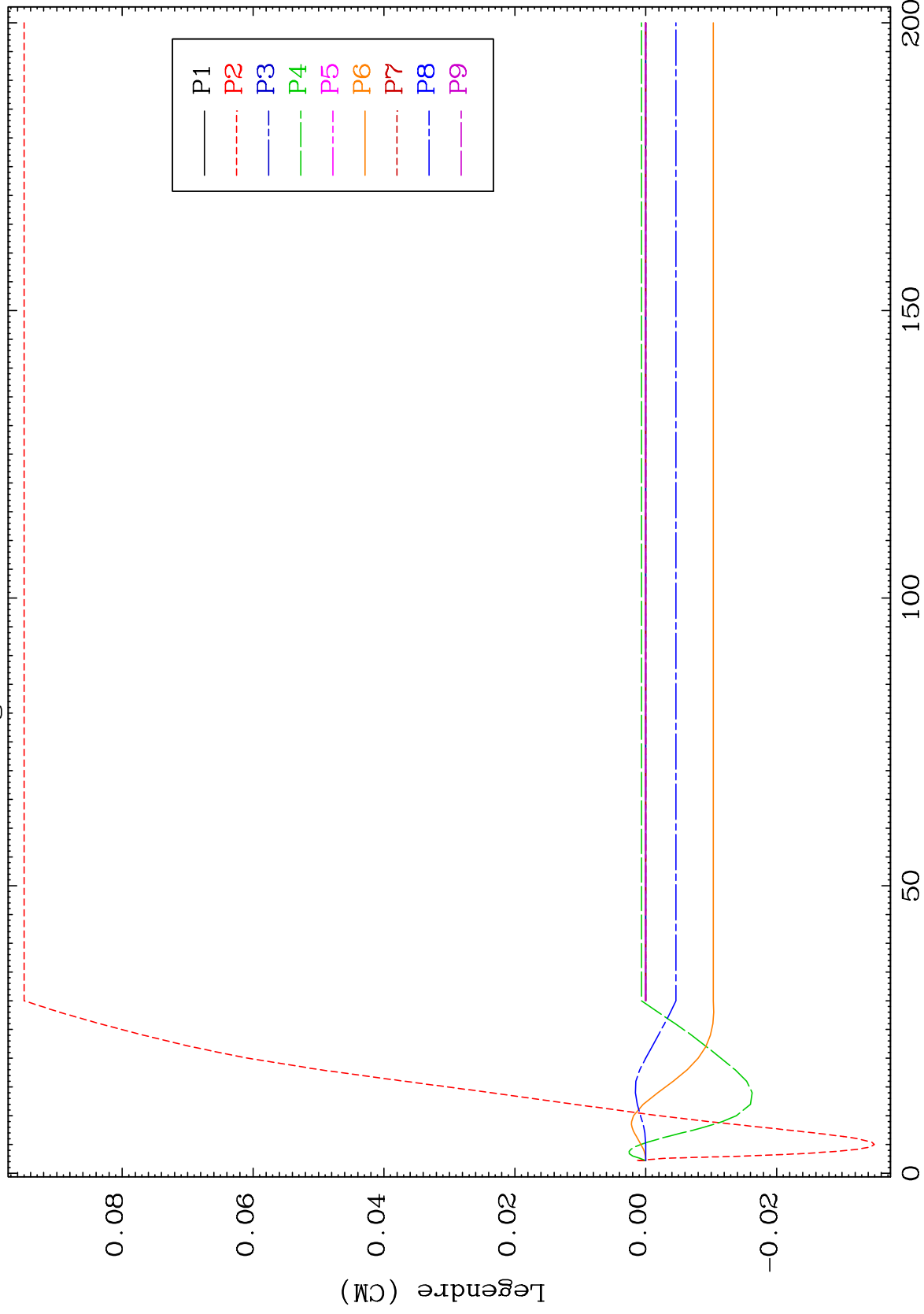
58-Ce-132



MAT 5813

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

58-Ce-132



107

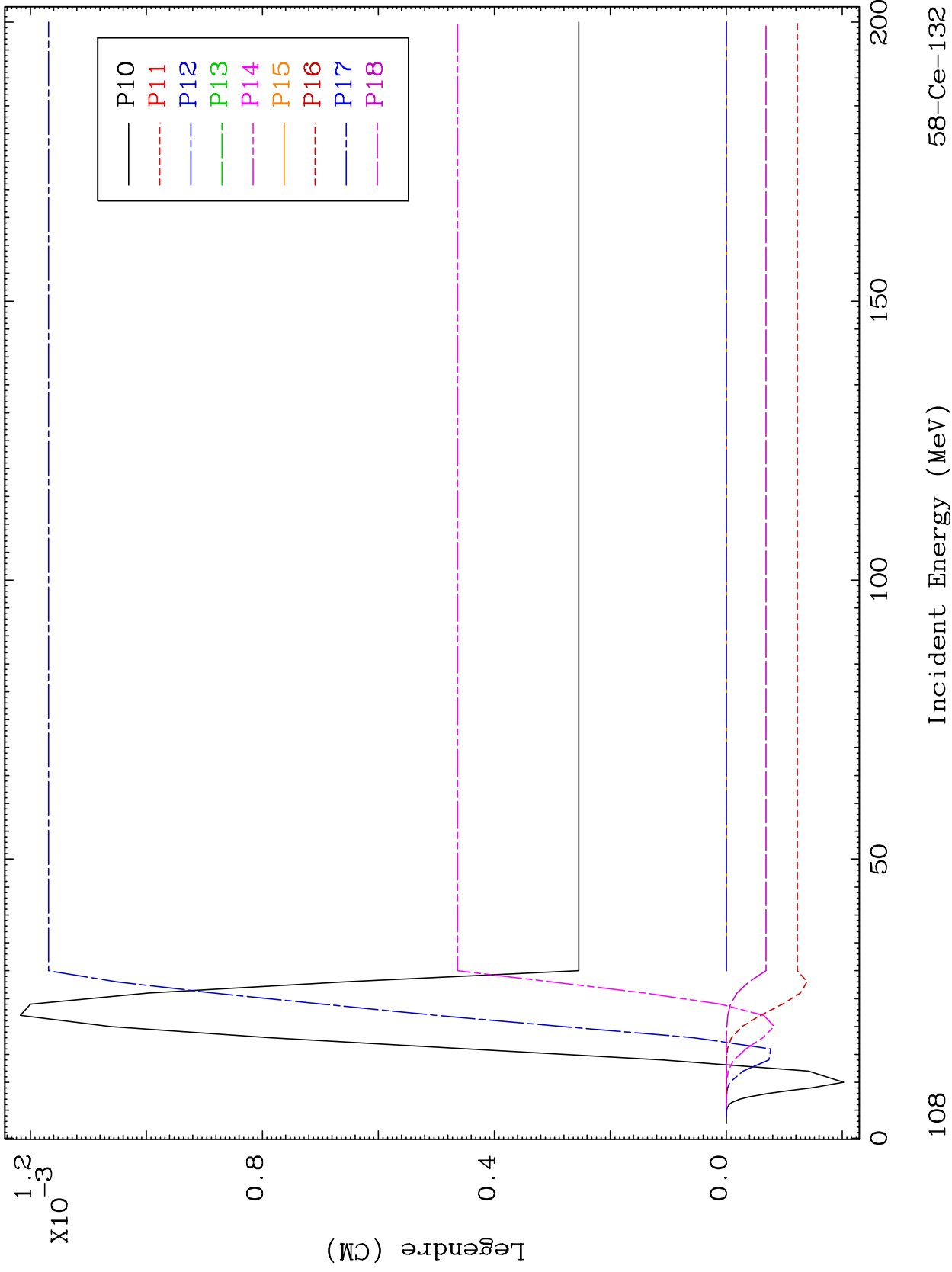
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

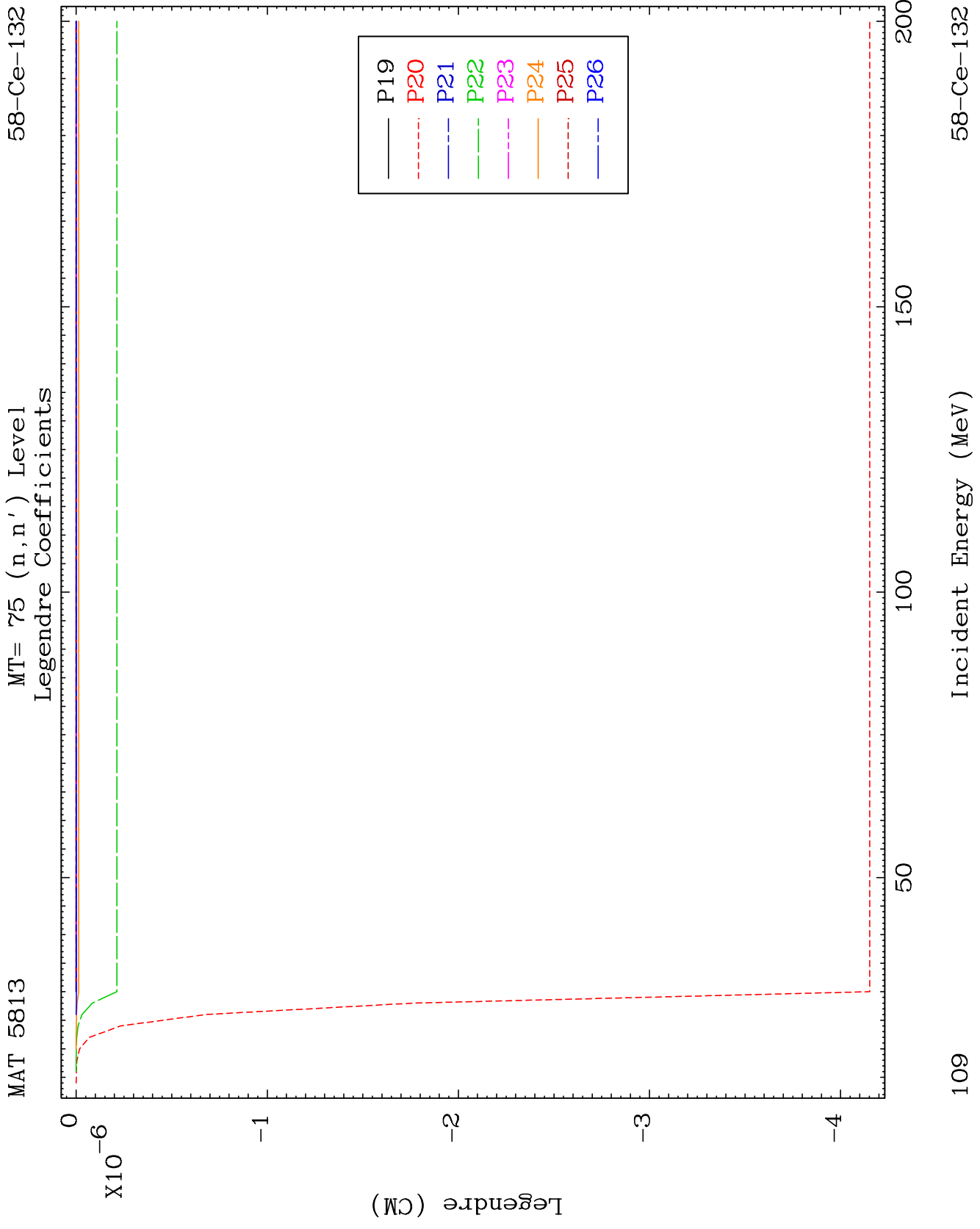
58-Ce-132

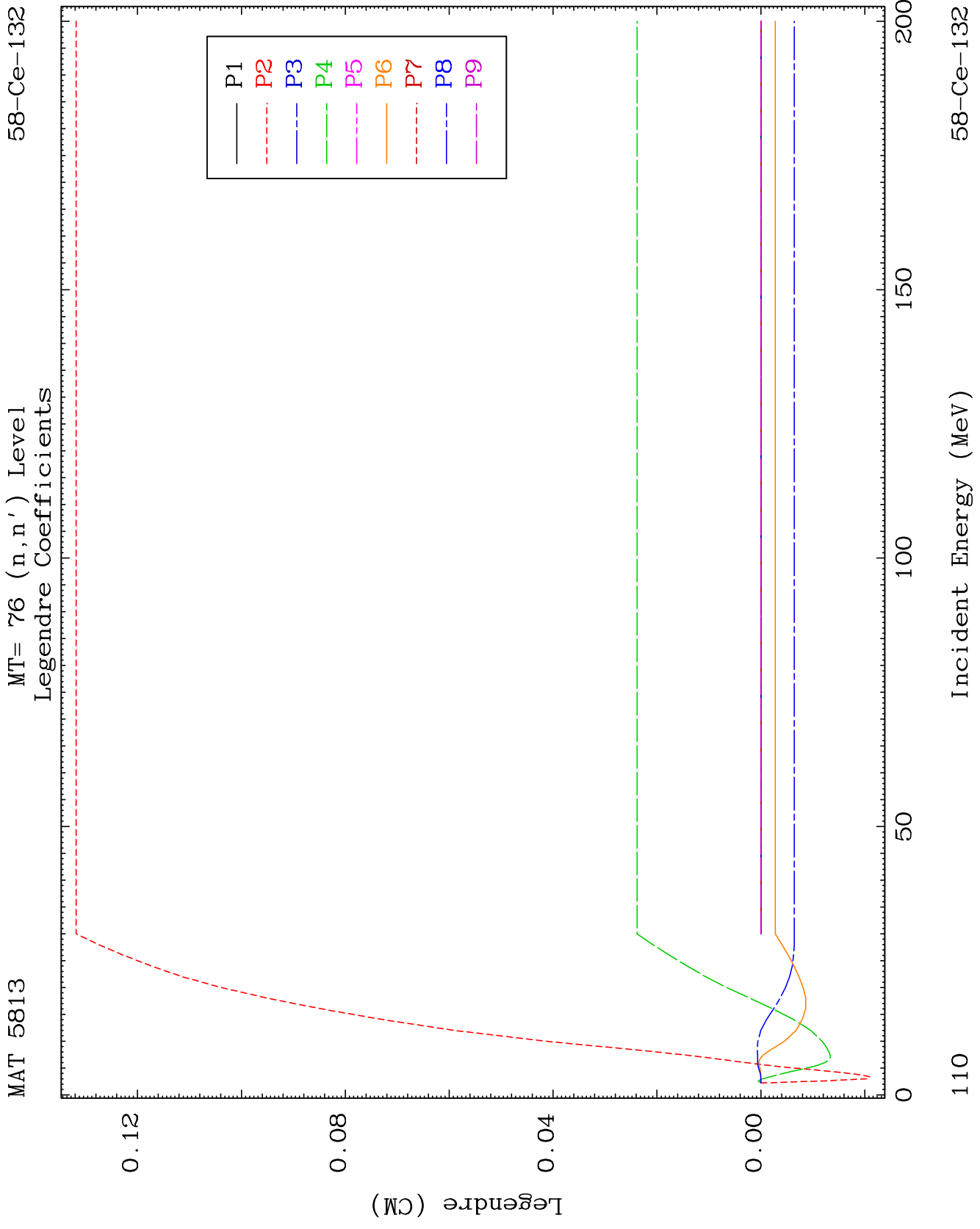


108

Incident Energy (MeV)

58-Ce-132

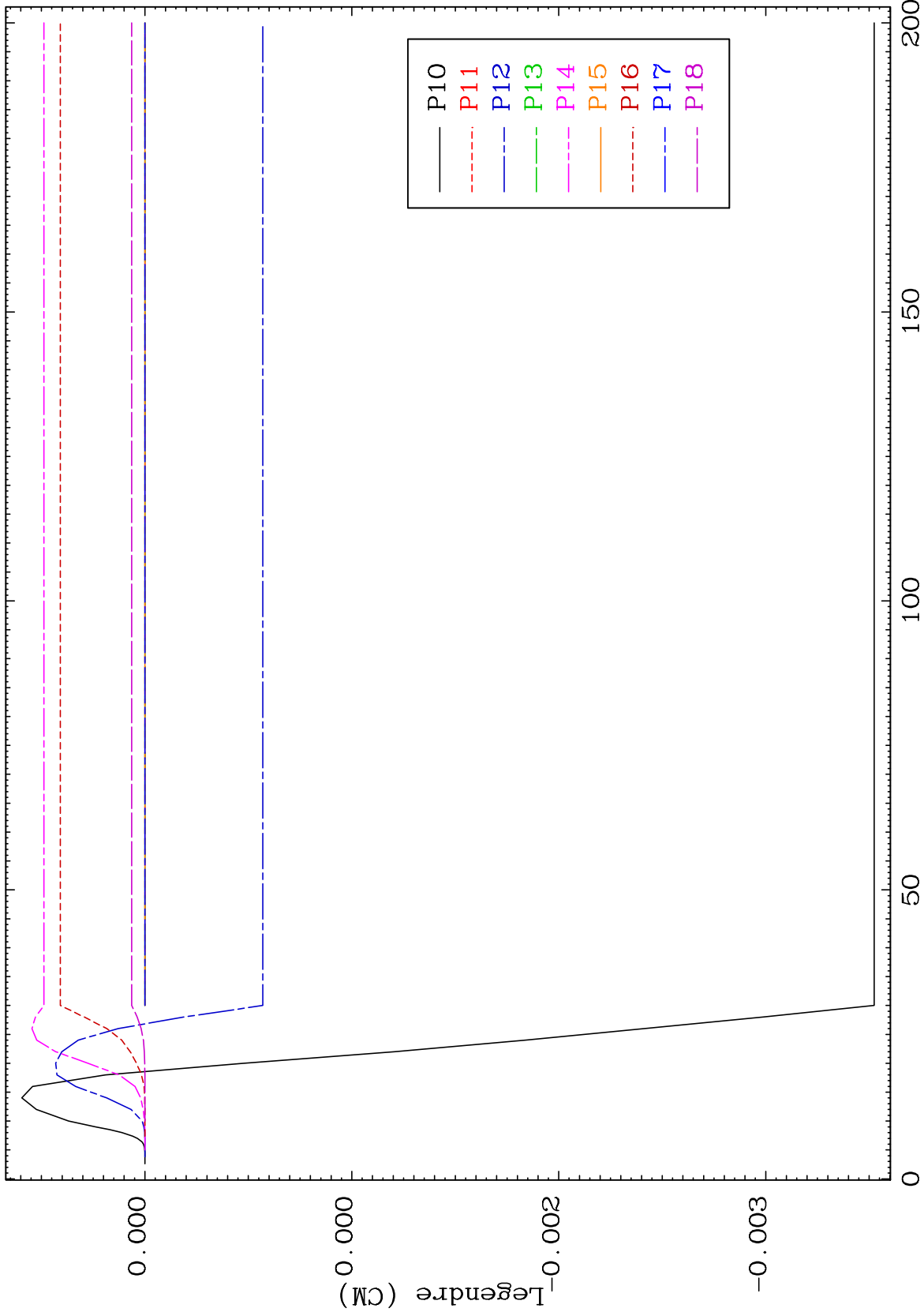




MAT 5813

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

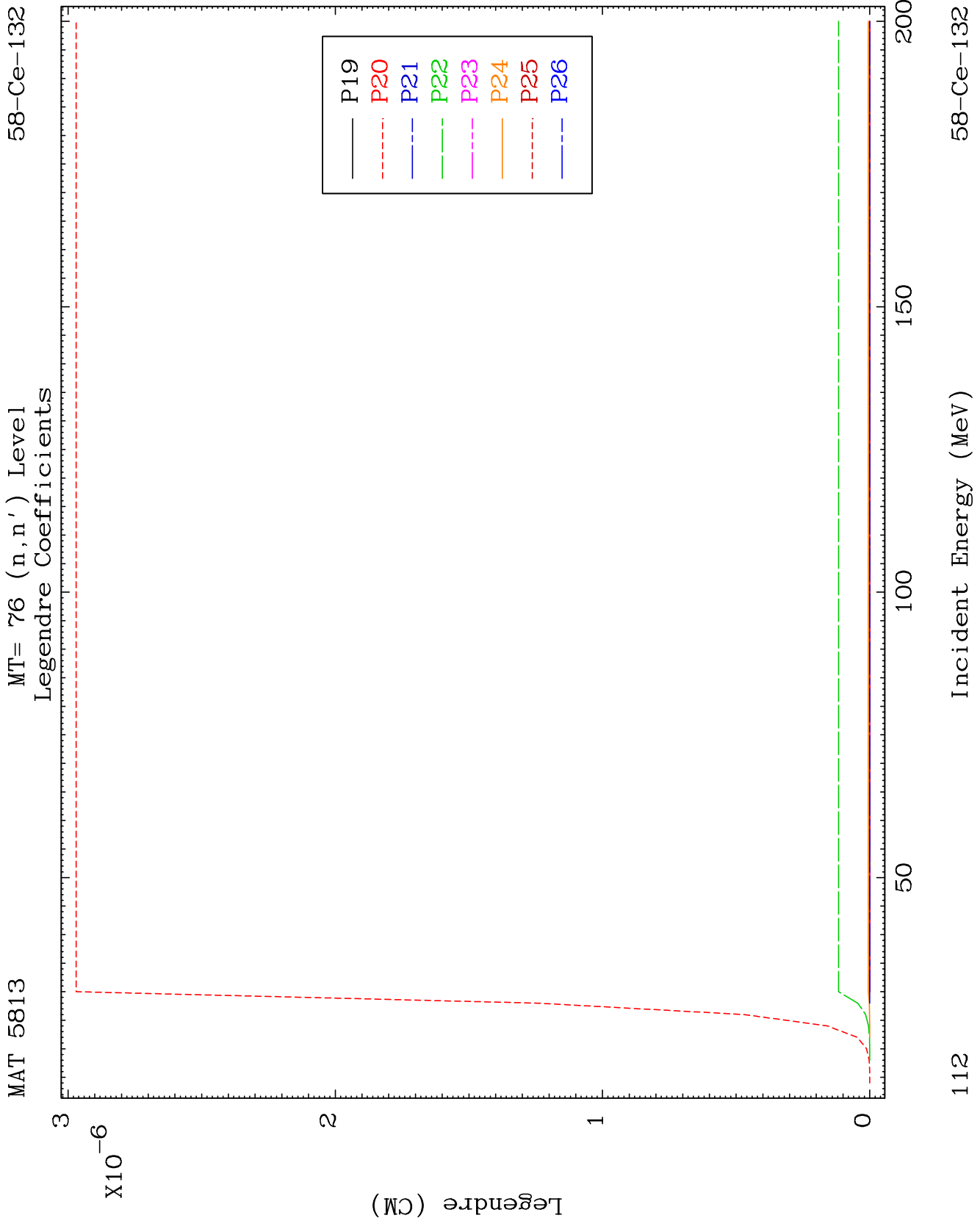
58-Ce-132



111

Incident Energy (MeV)

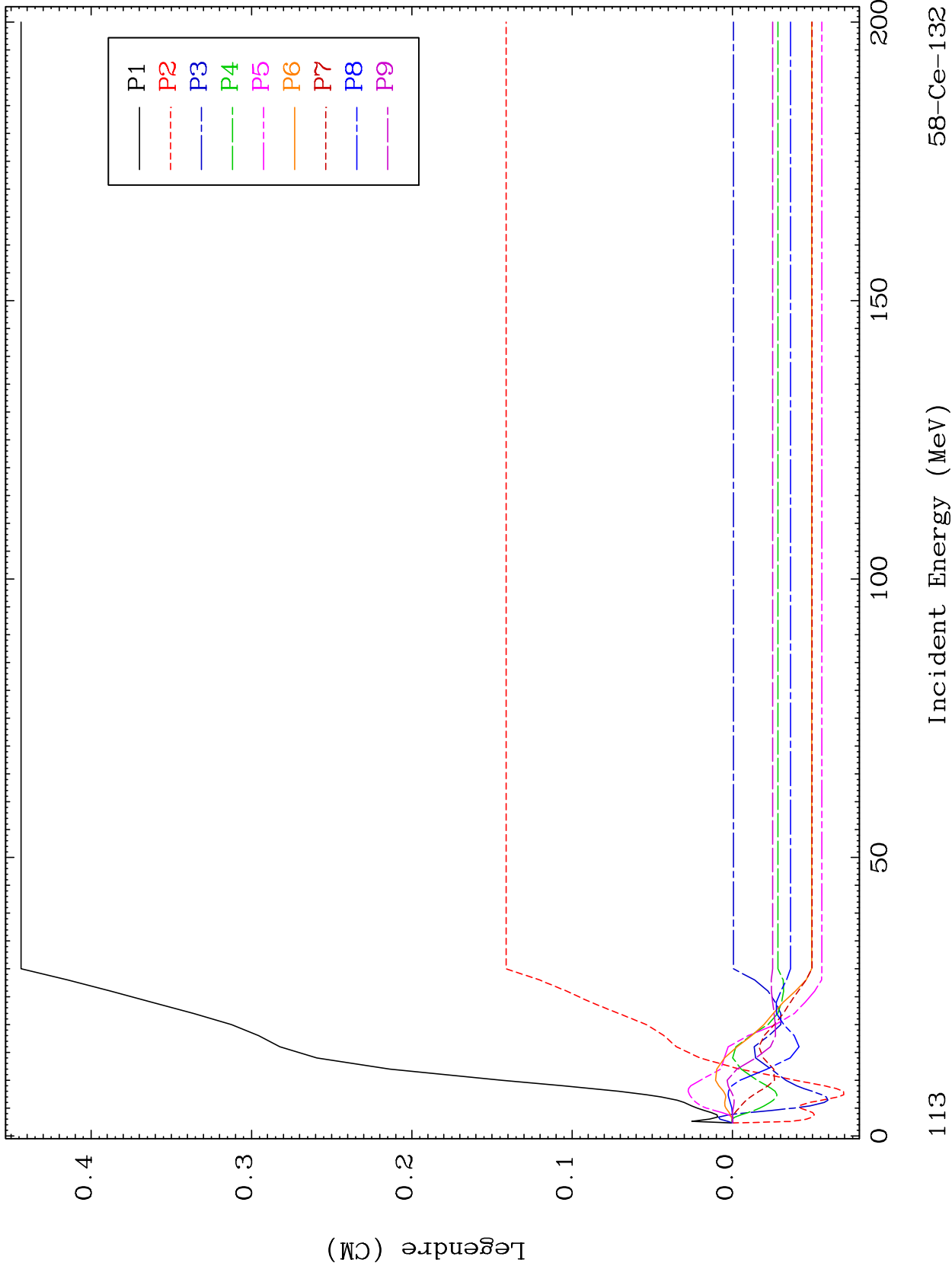
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

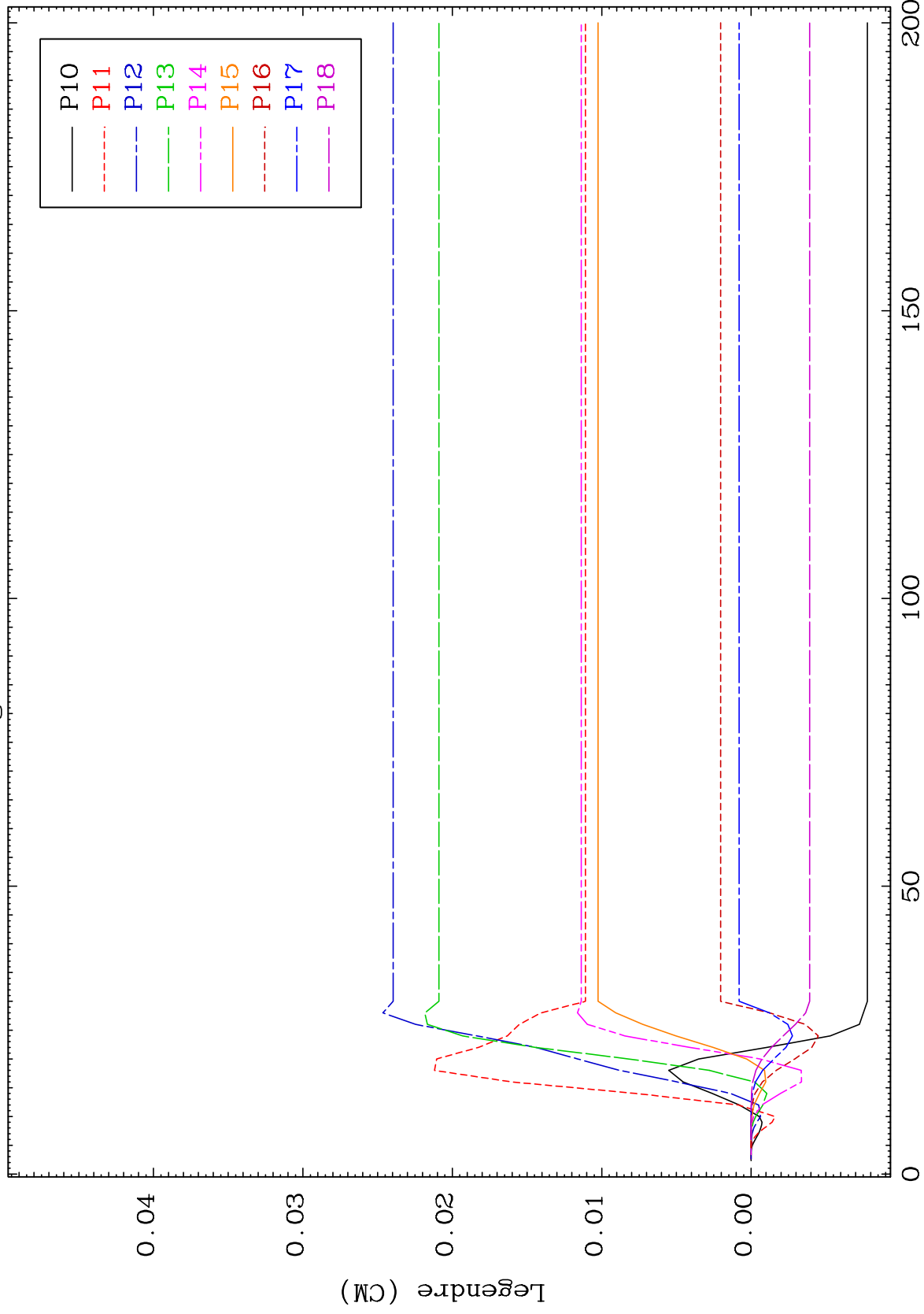
Incident Energy (MeV)

113

MAT 5813

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

58-Ce-132



114

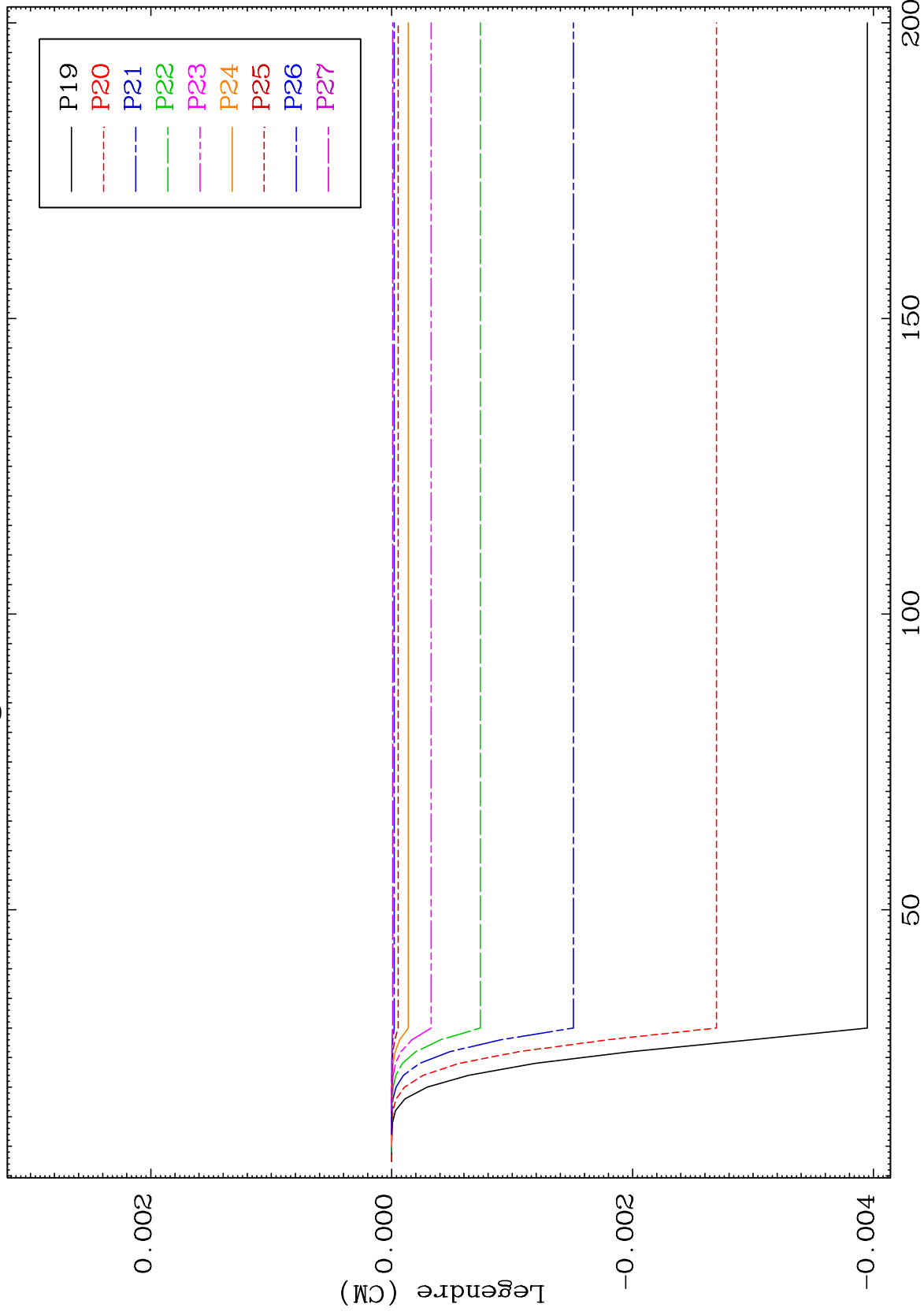
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



115

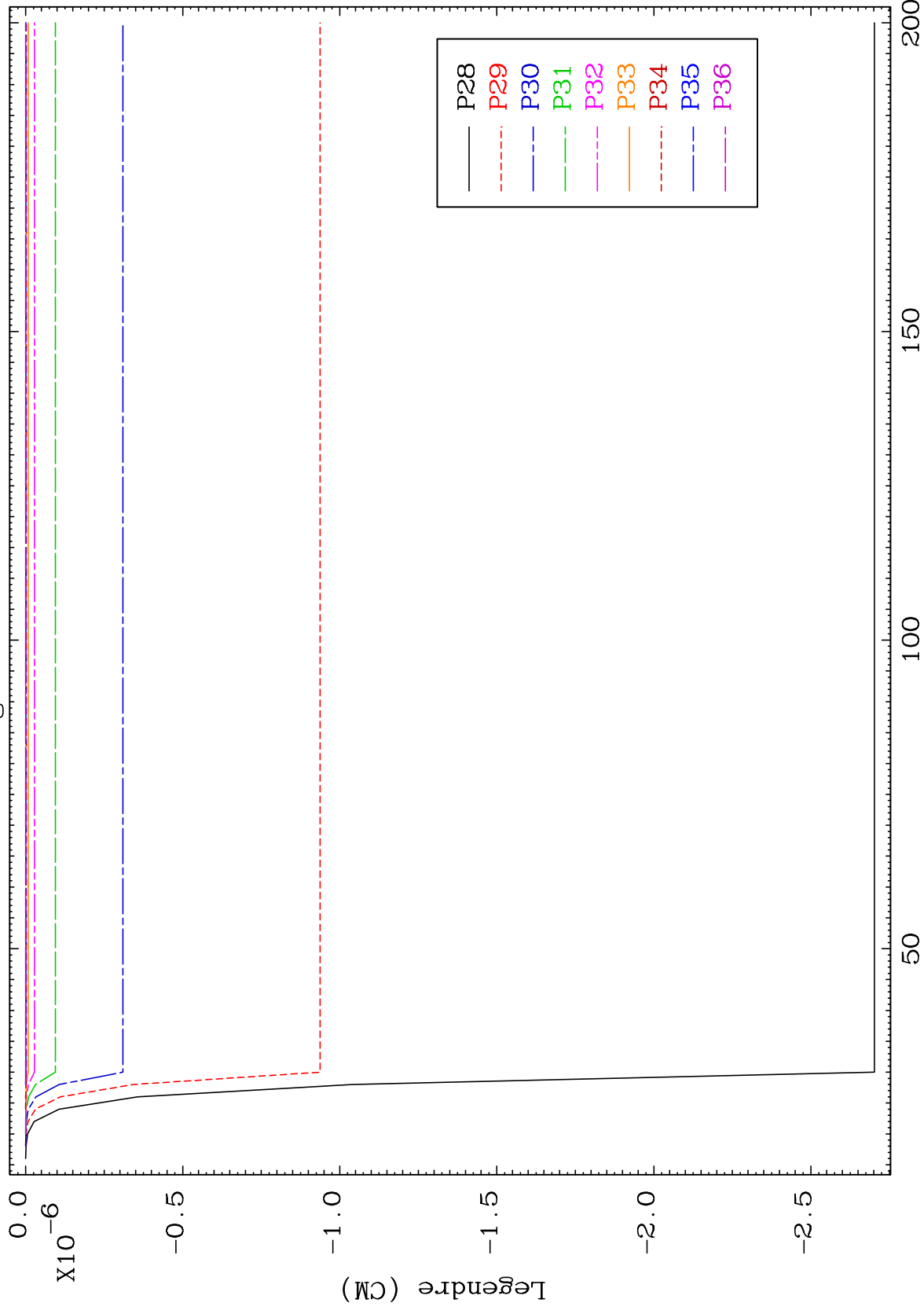
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



116

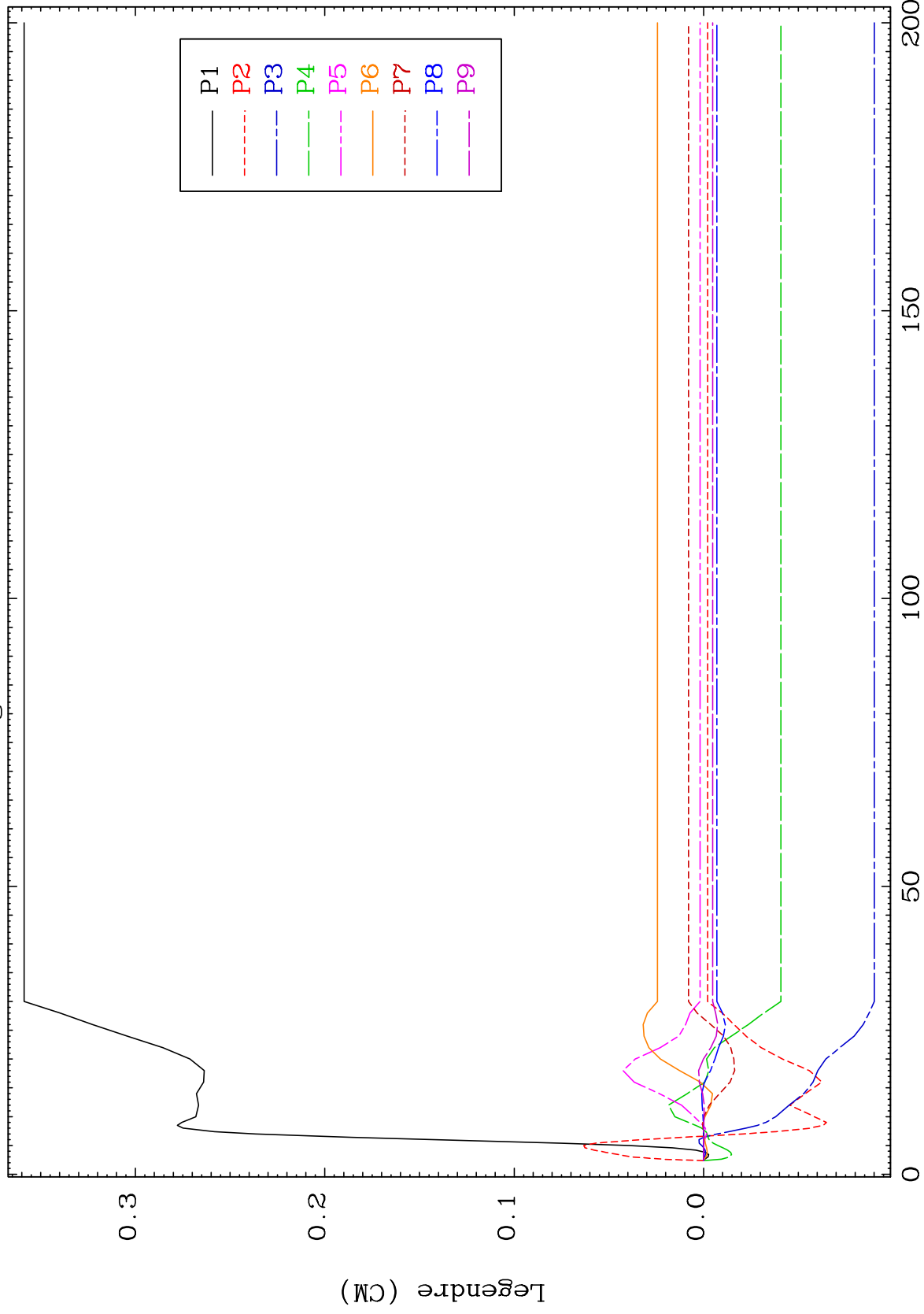
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



117

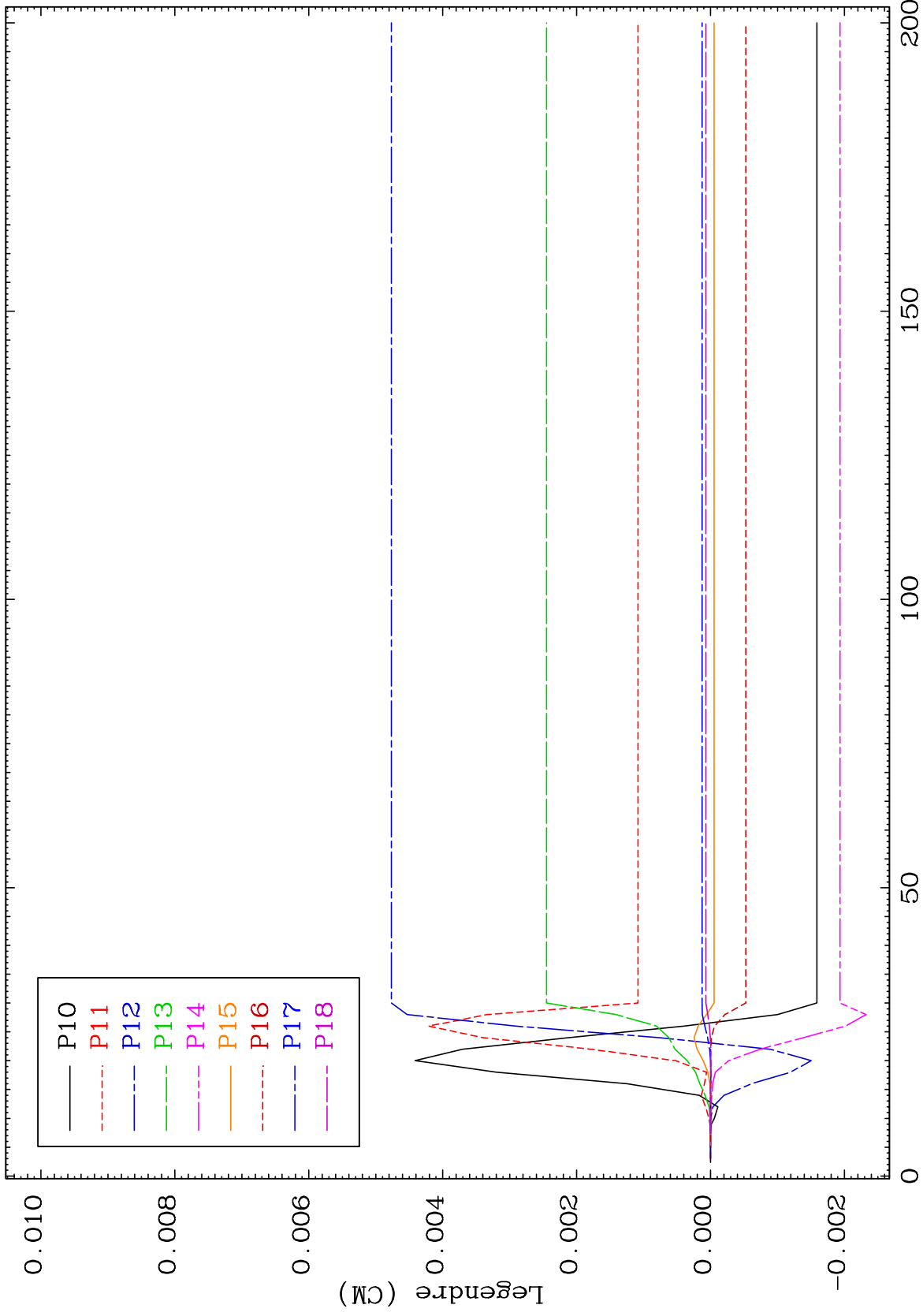
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



118

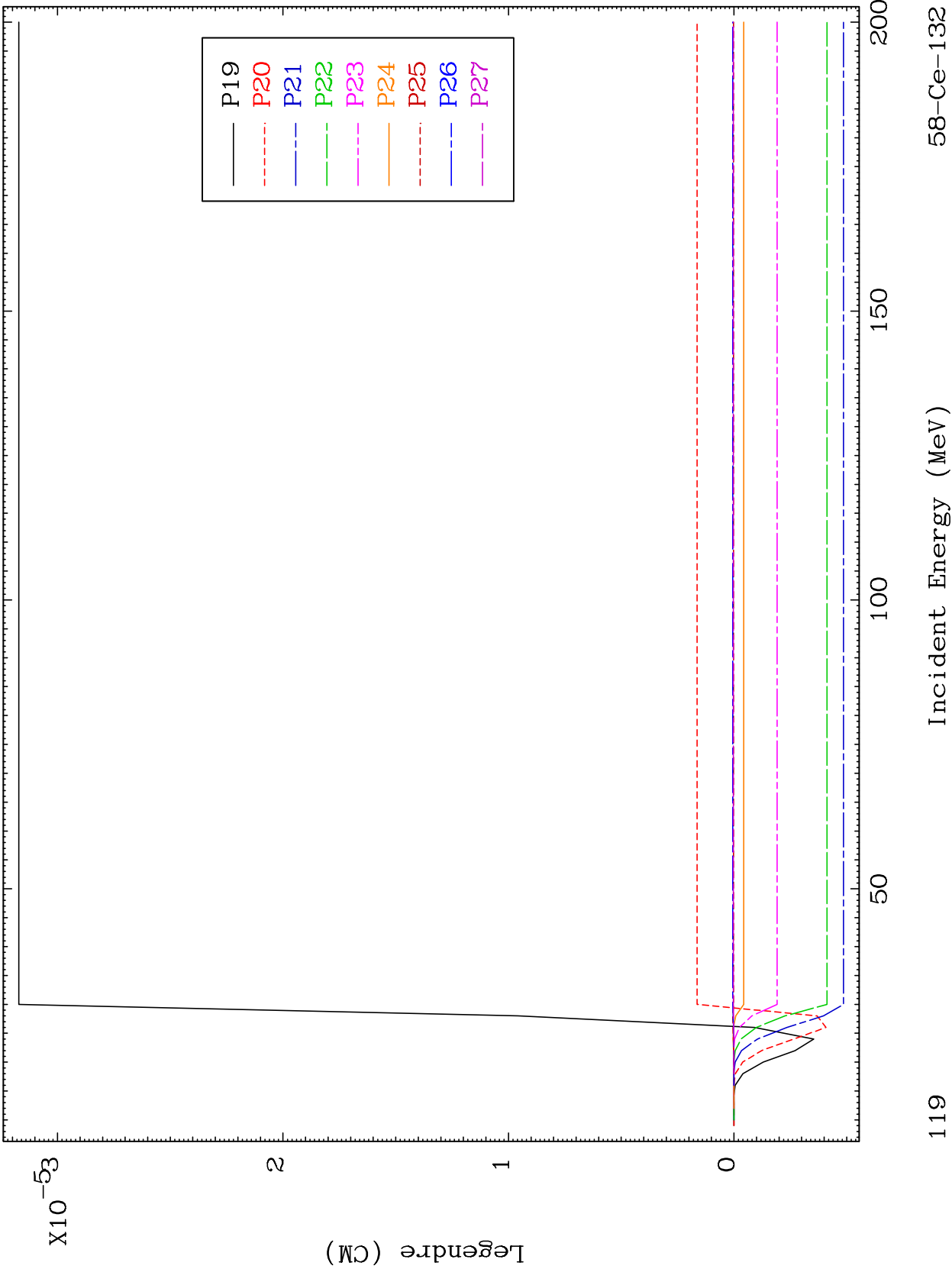
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



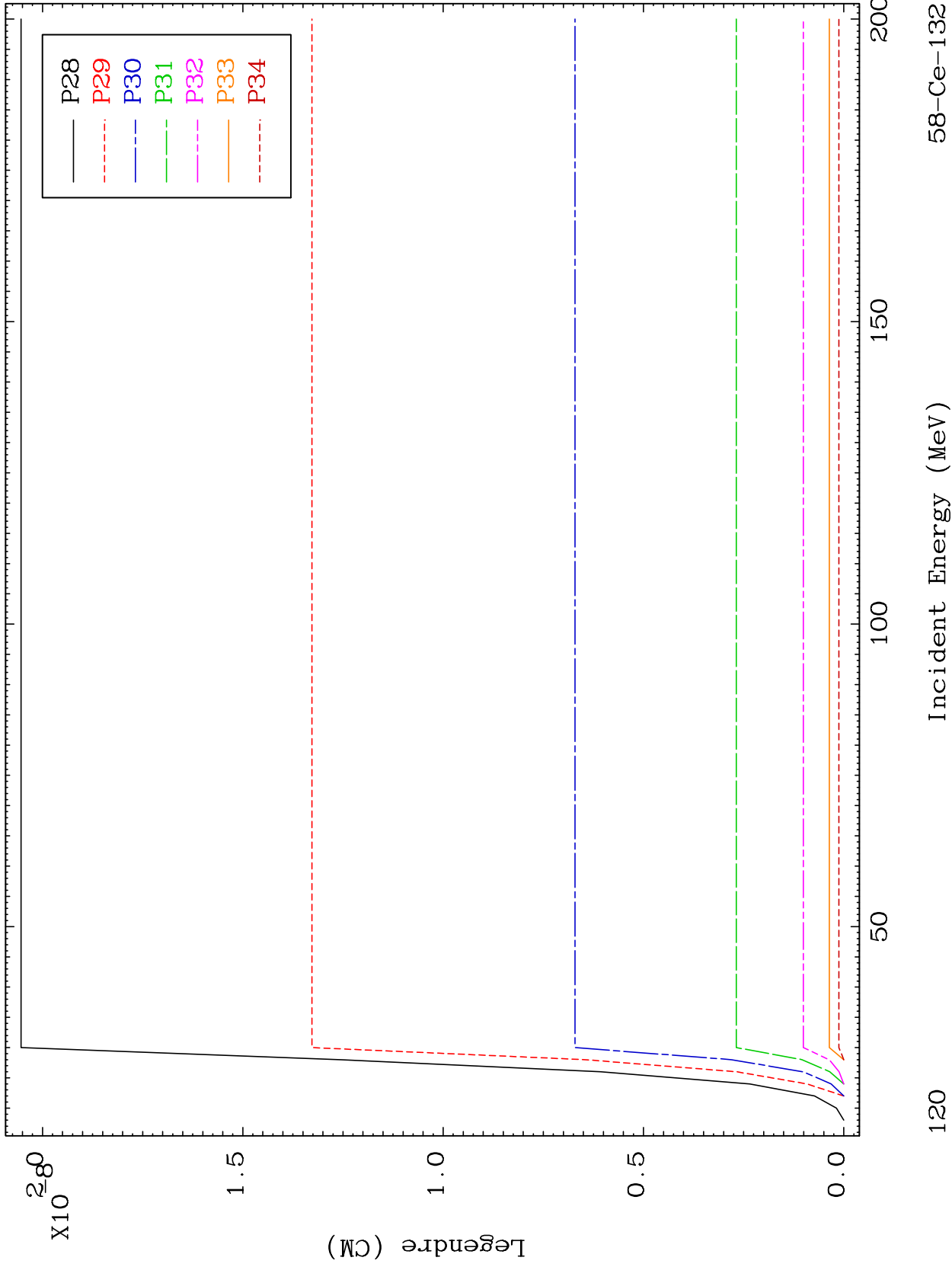
119

58-Ce-132

MAT 5813

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

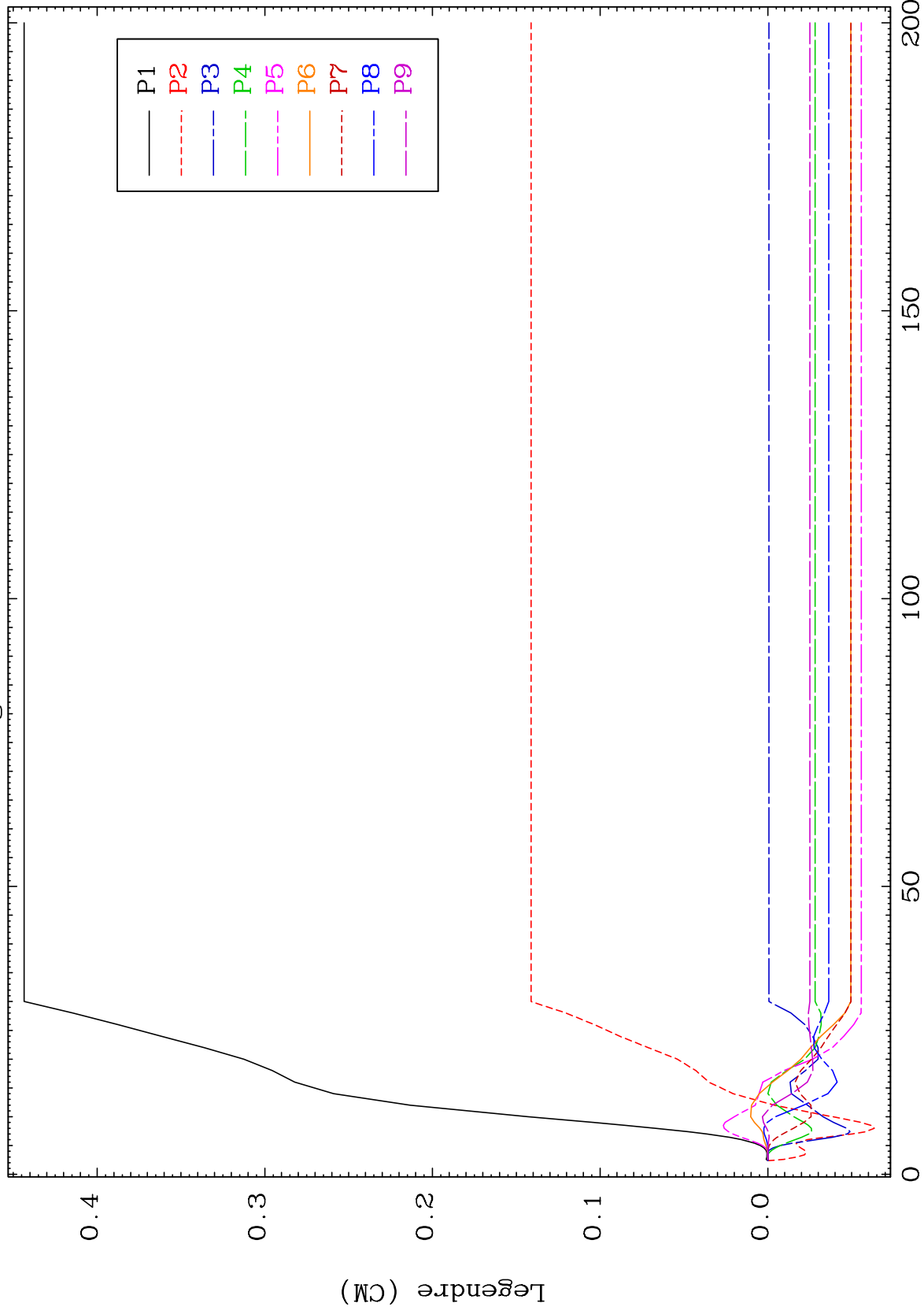
58-Ce-132



MAT 5813

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

58-Ce-132



121

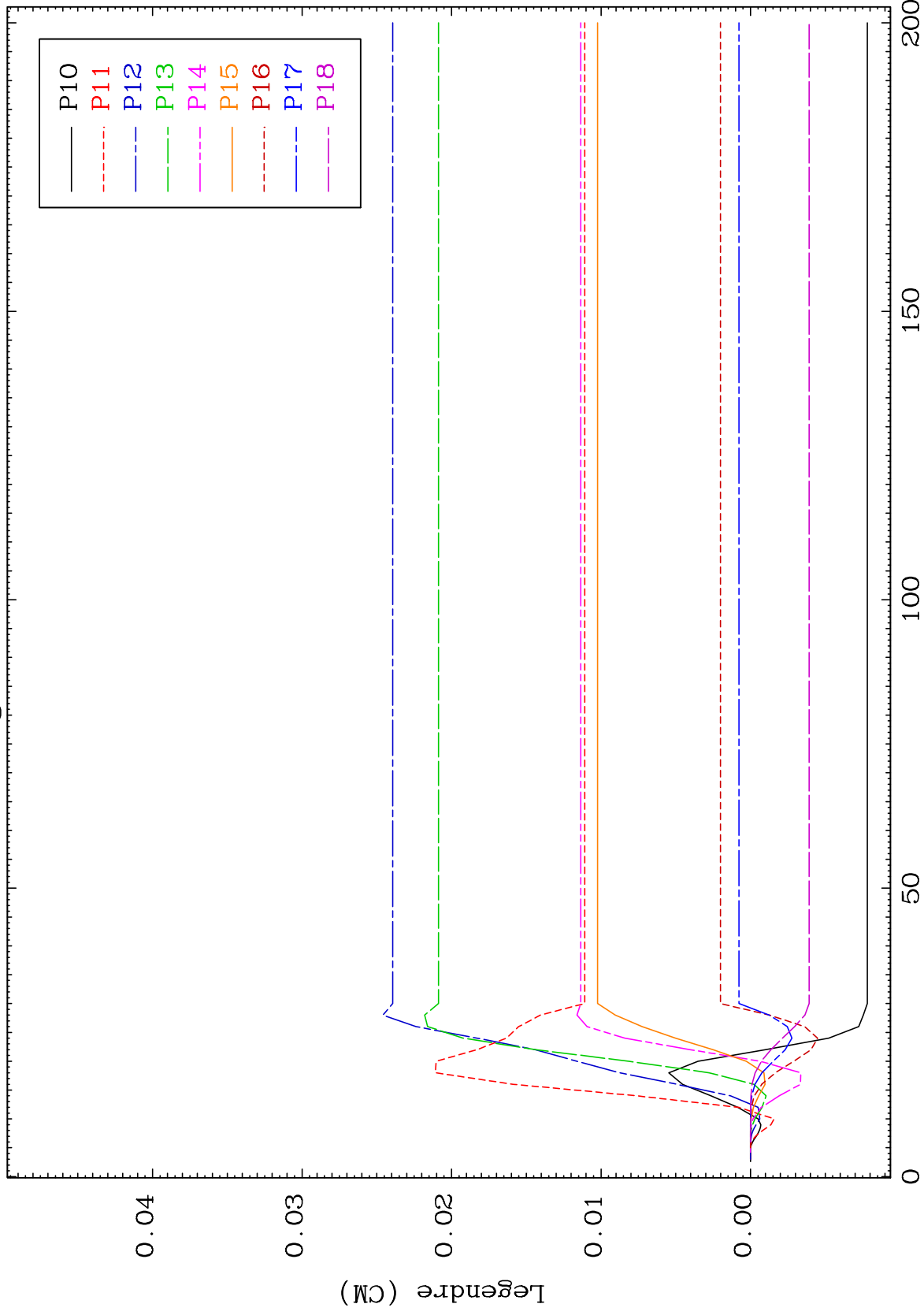
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



122

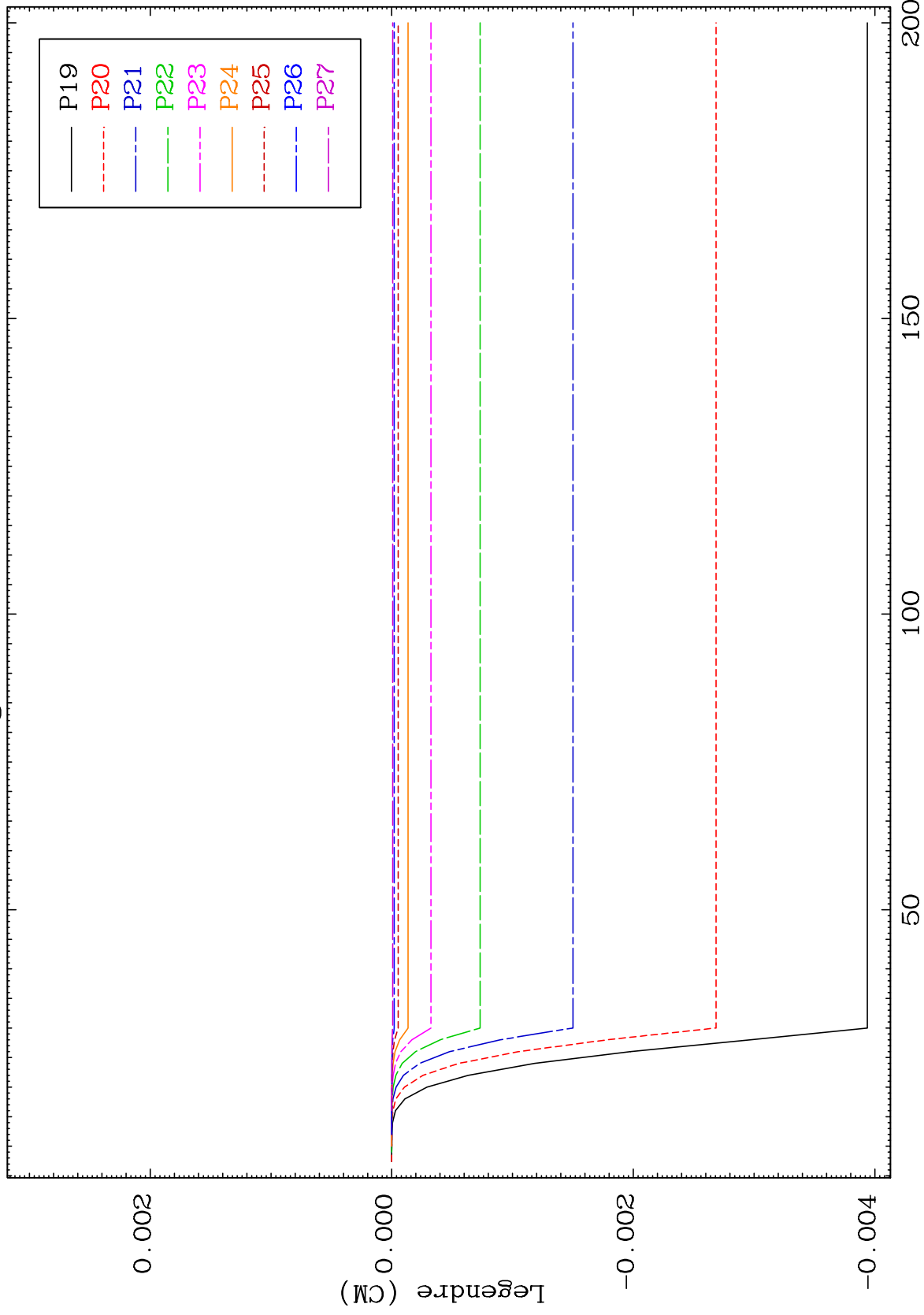
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



123

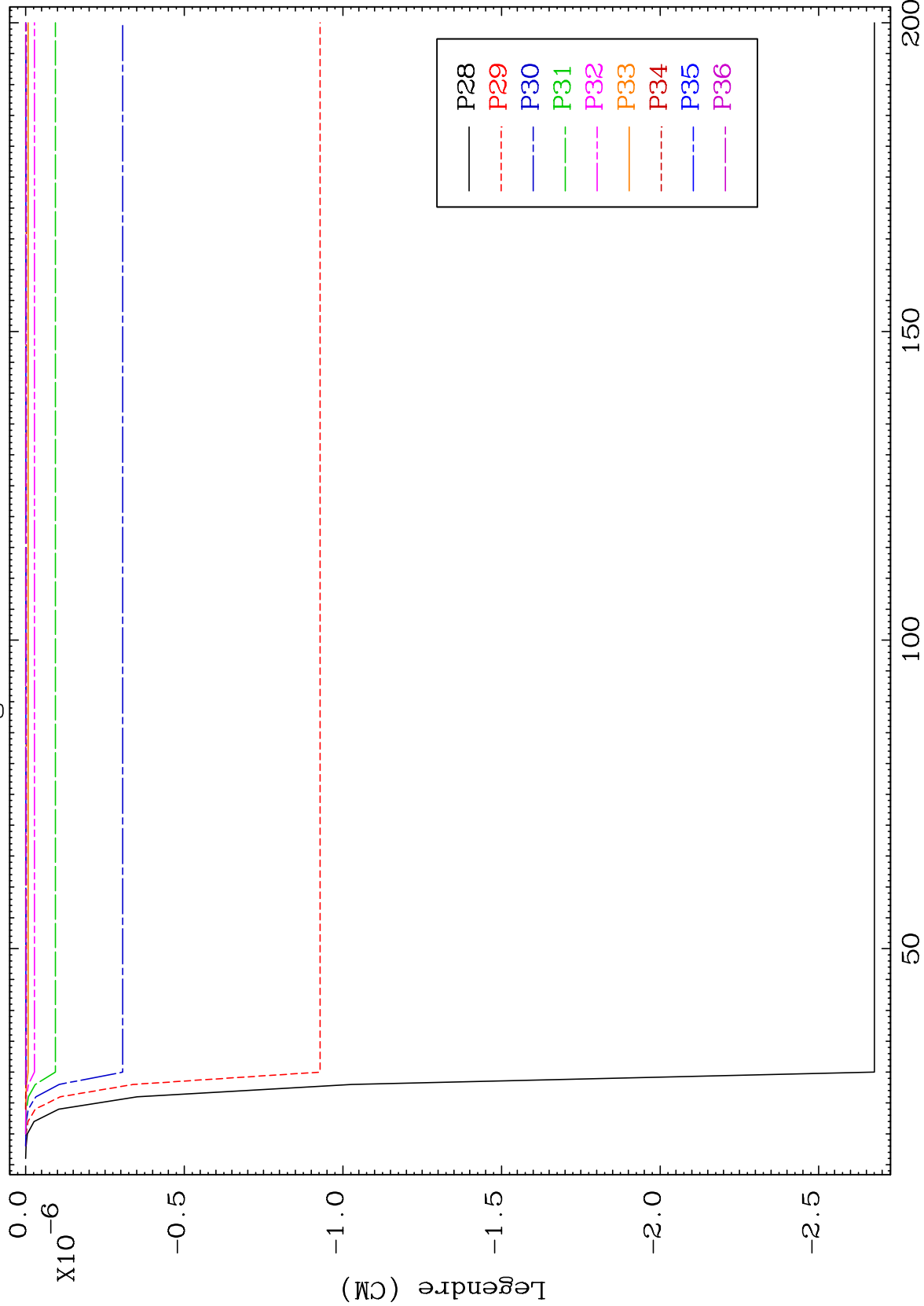
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



58-Ce-132

Incident Energy (MeV)

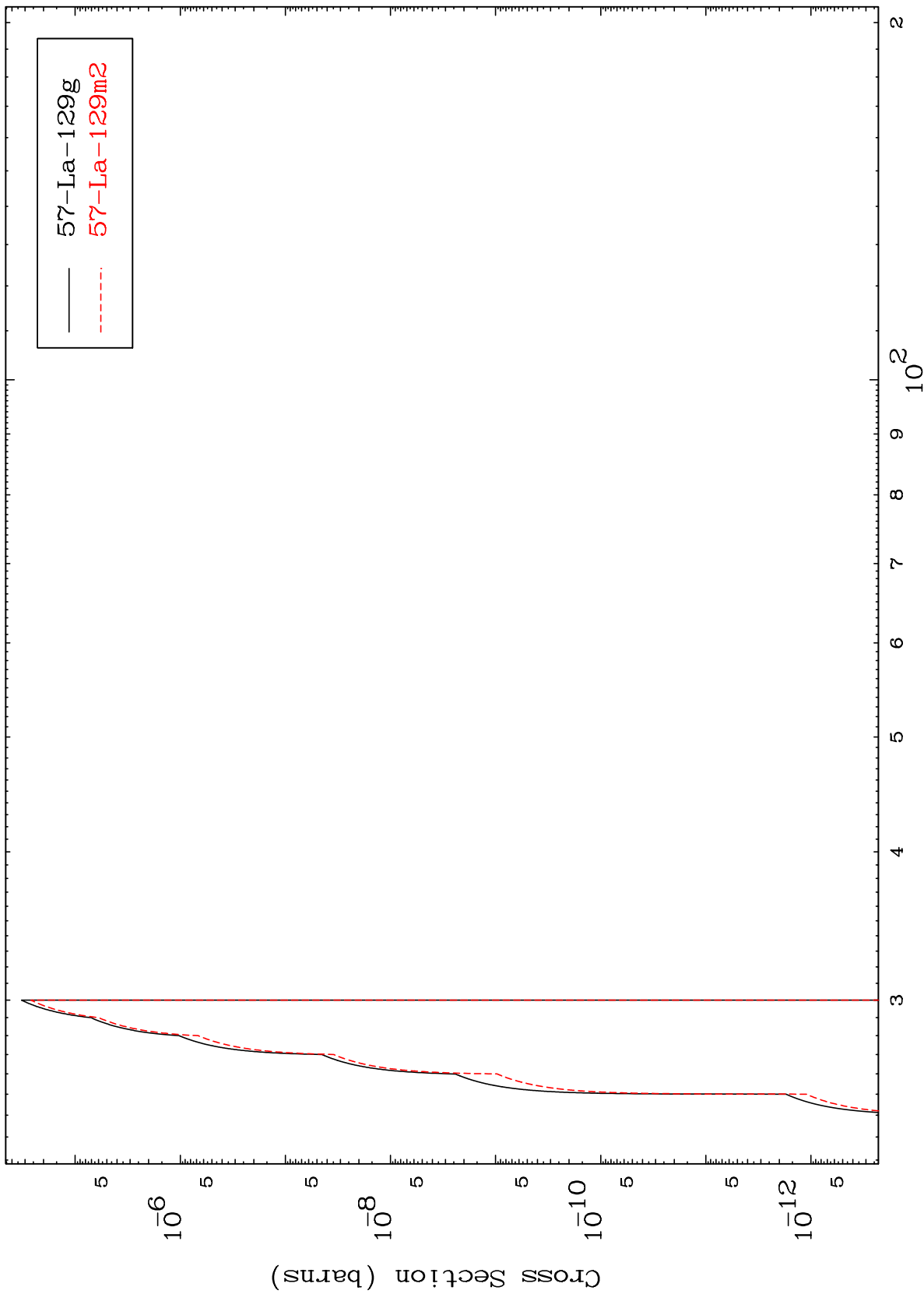
124

MAT 5813

(n,2n) d

58-Ce-132

Radionuclide Production Cross Section



125

Incident Energy (MeV)

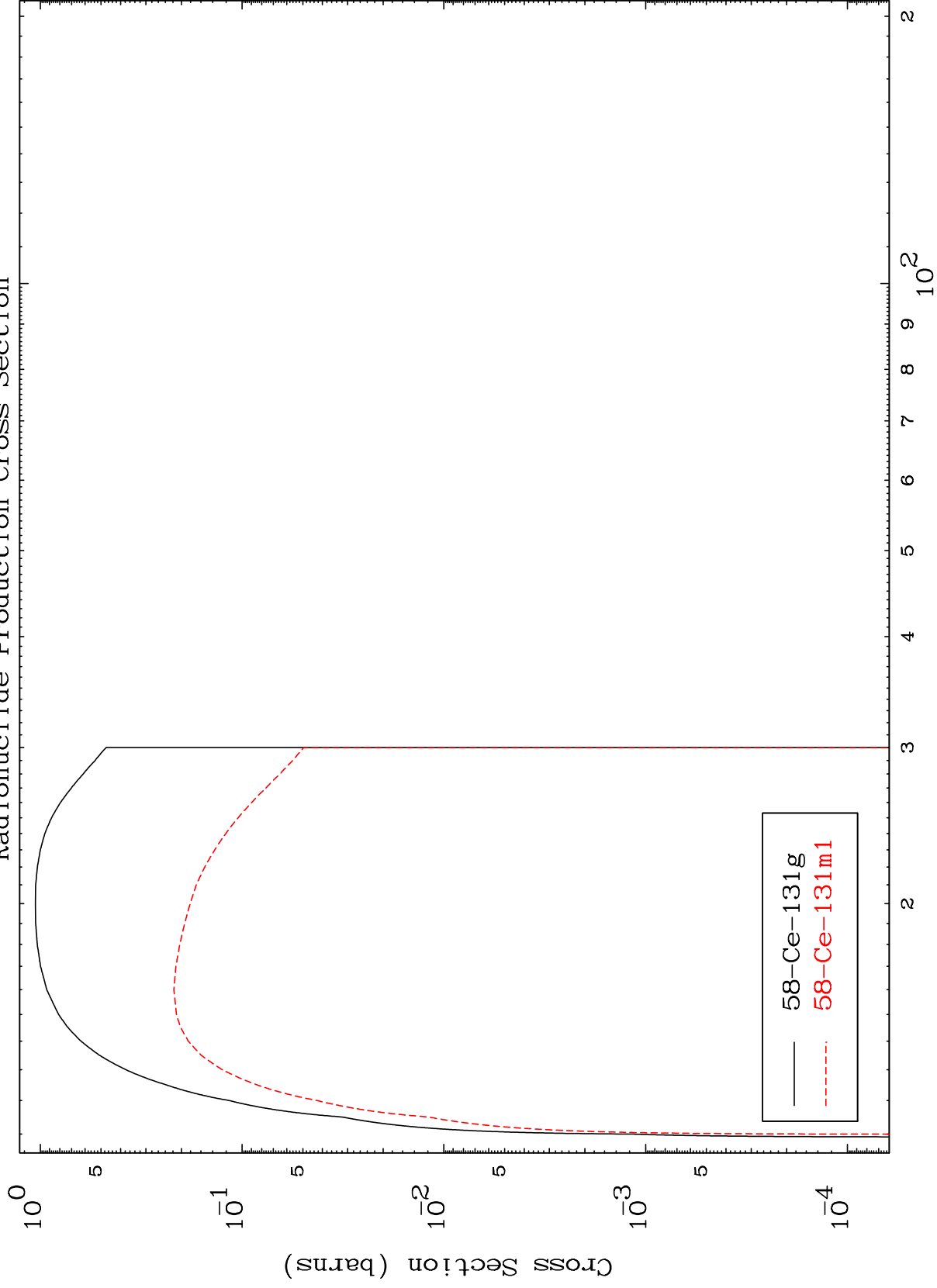
58-Ce-132

MAT 5813

(n,2n)

58-Ce-132

Radionuclide Production Cross Section



126

Incident Energy (MeV)

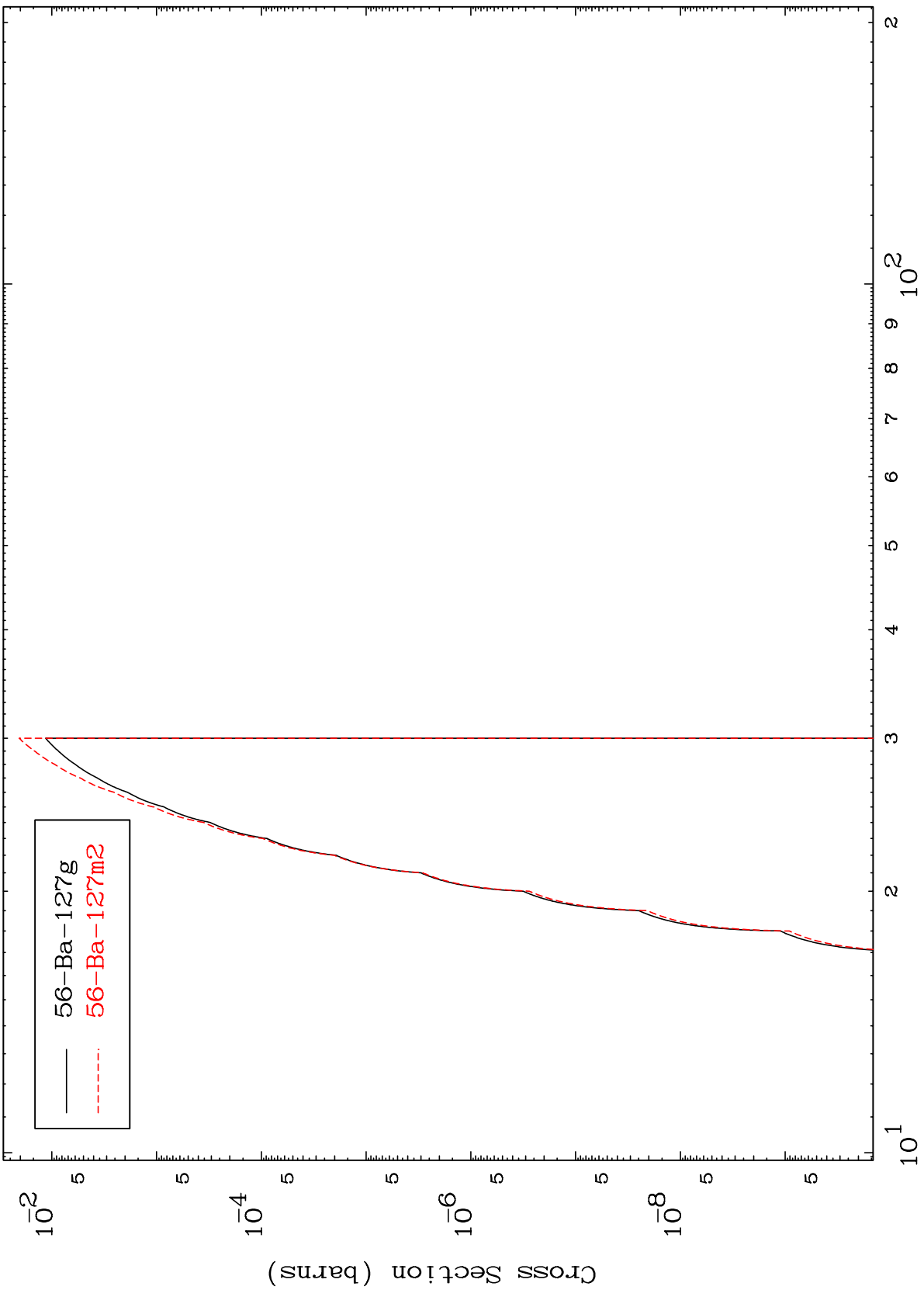
58-Ce-132

MAT 5813

(n,2n) α

58-Ce-132

Radionuclide Production Cross Section



56-Ba-127g
56-Ba-127m2

127

Incident Energy (MeV)

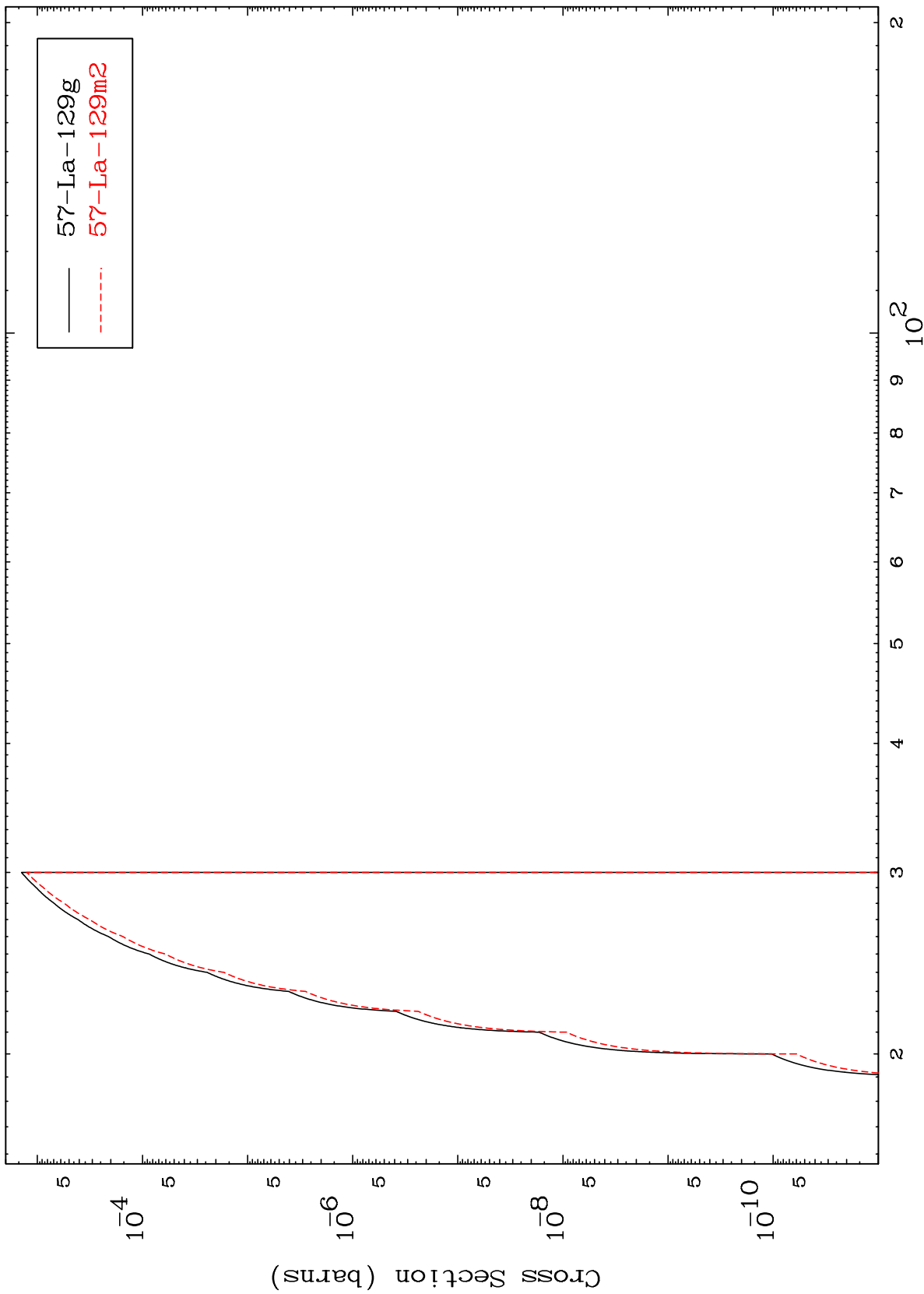
58-Ce-132

MAT 5813

(n,n') t

58-Ce-132

Radionuclide Production Cross Section

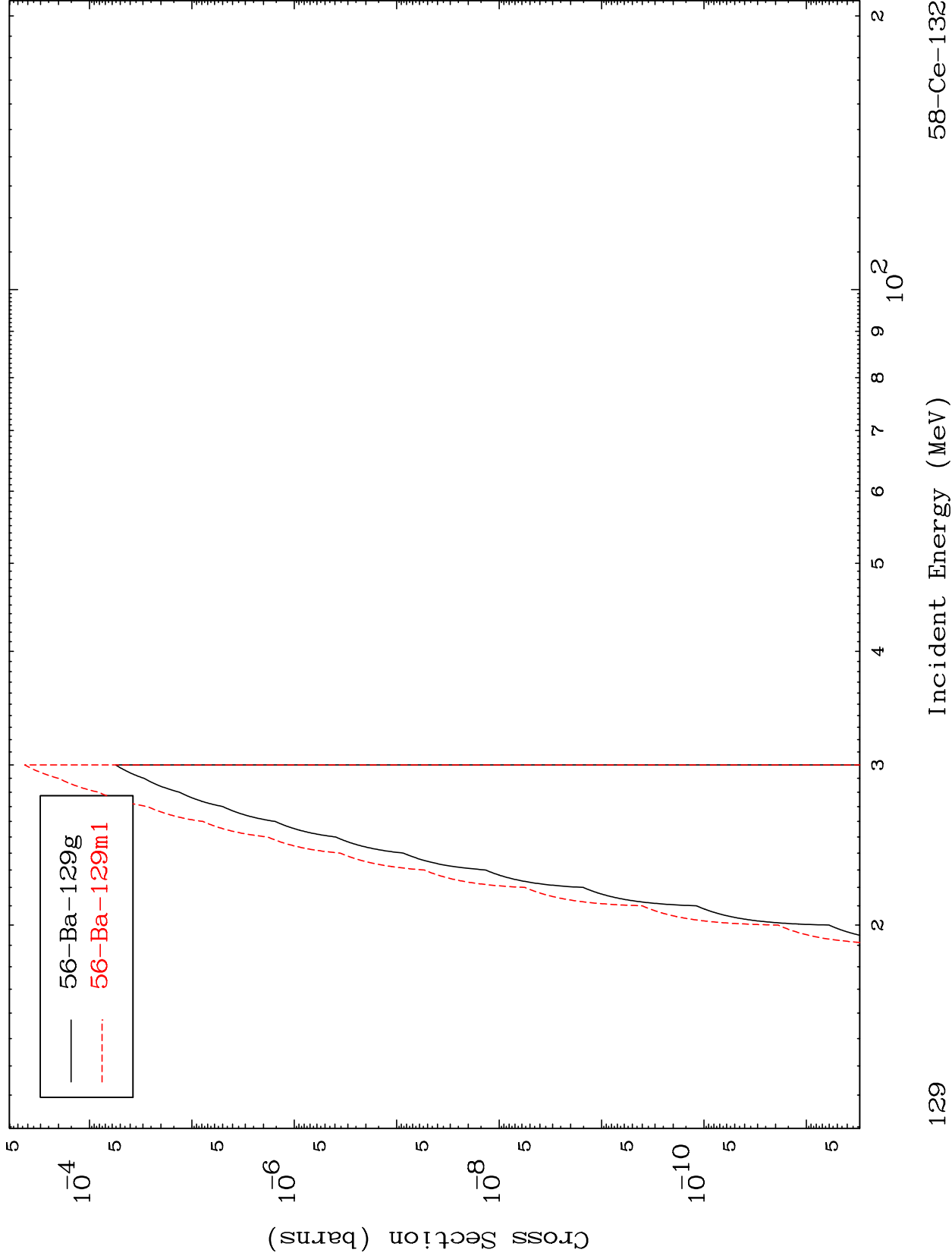


128

Incident Energy (MeV)

58-Ce-132

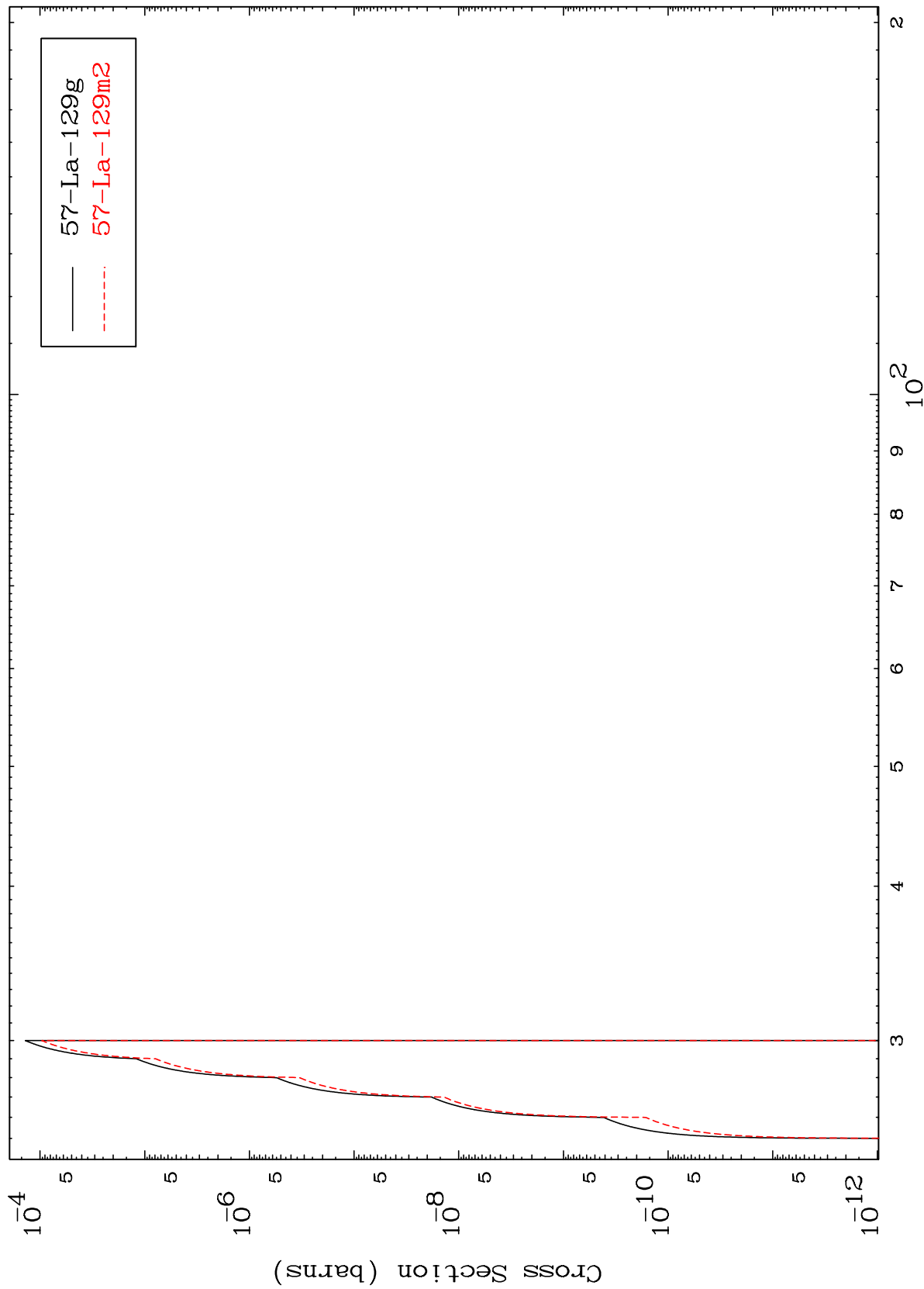
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

(n,3n) p
Radionuclide Production Cross Section



57-La-129g
57-La-129m2

130

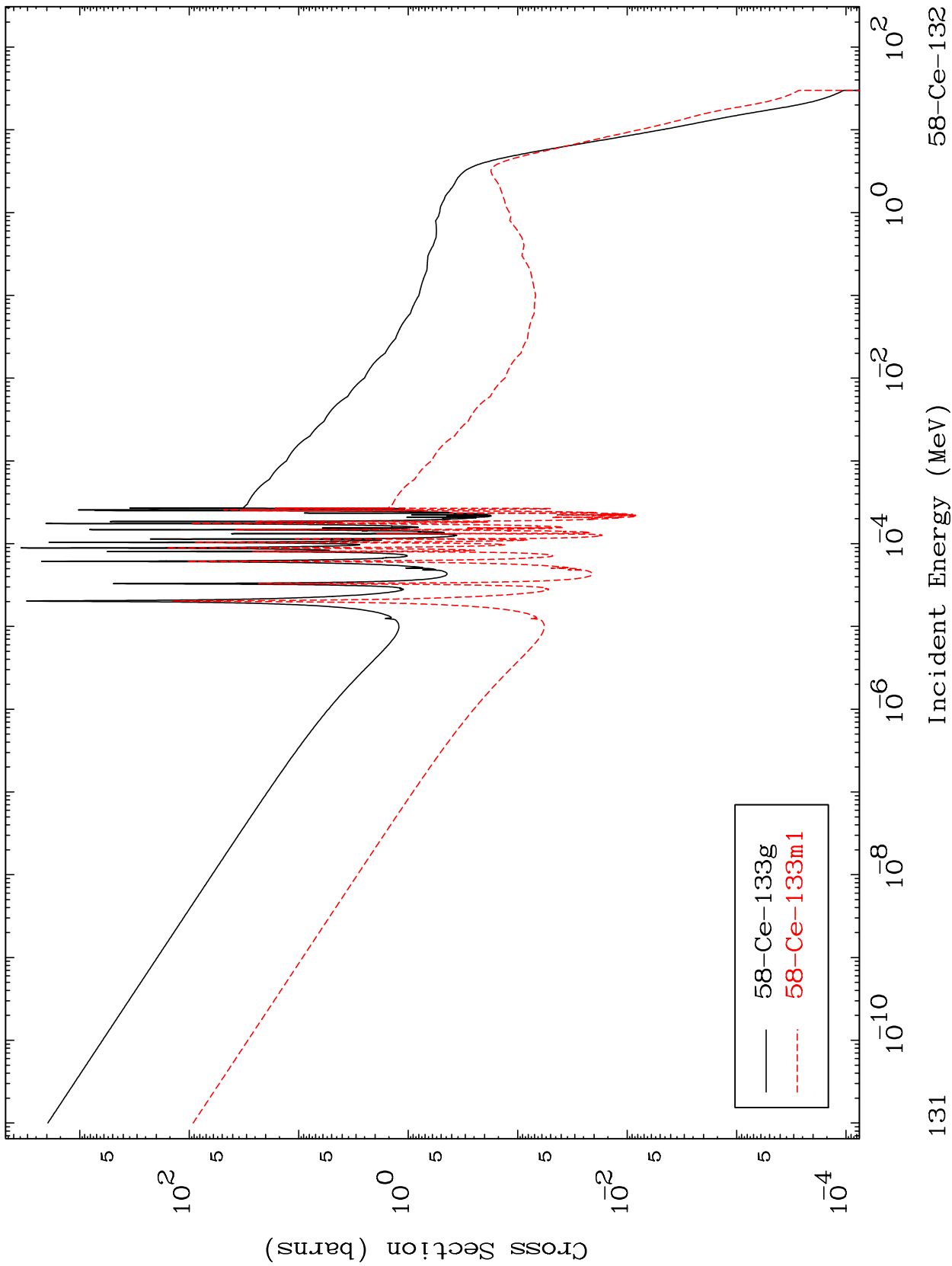
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n, γ)
Radionuclide Production Cross Section



131

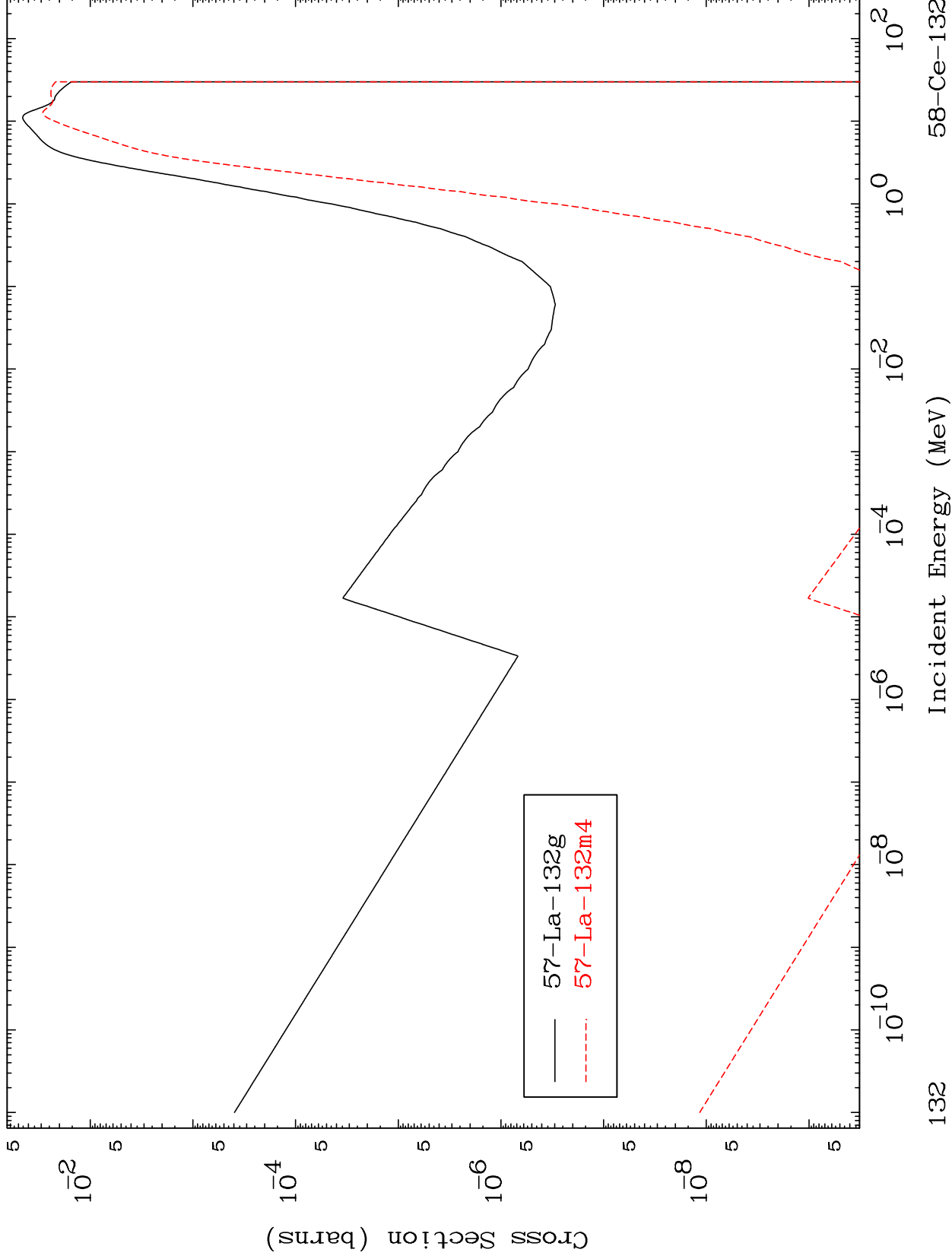
58-Ce-132

MAT 5813

(n,p)

58-Ce-132

Radionuclide Production Cross Section



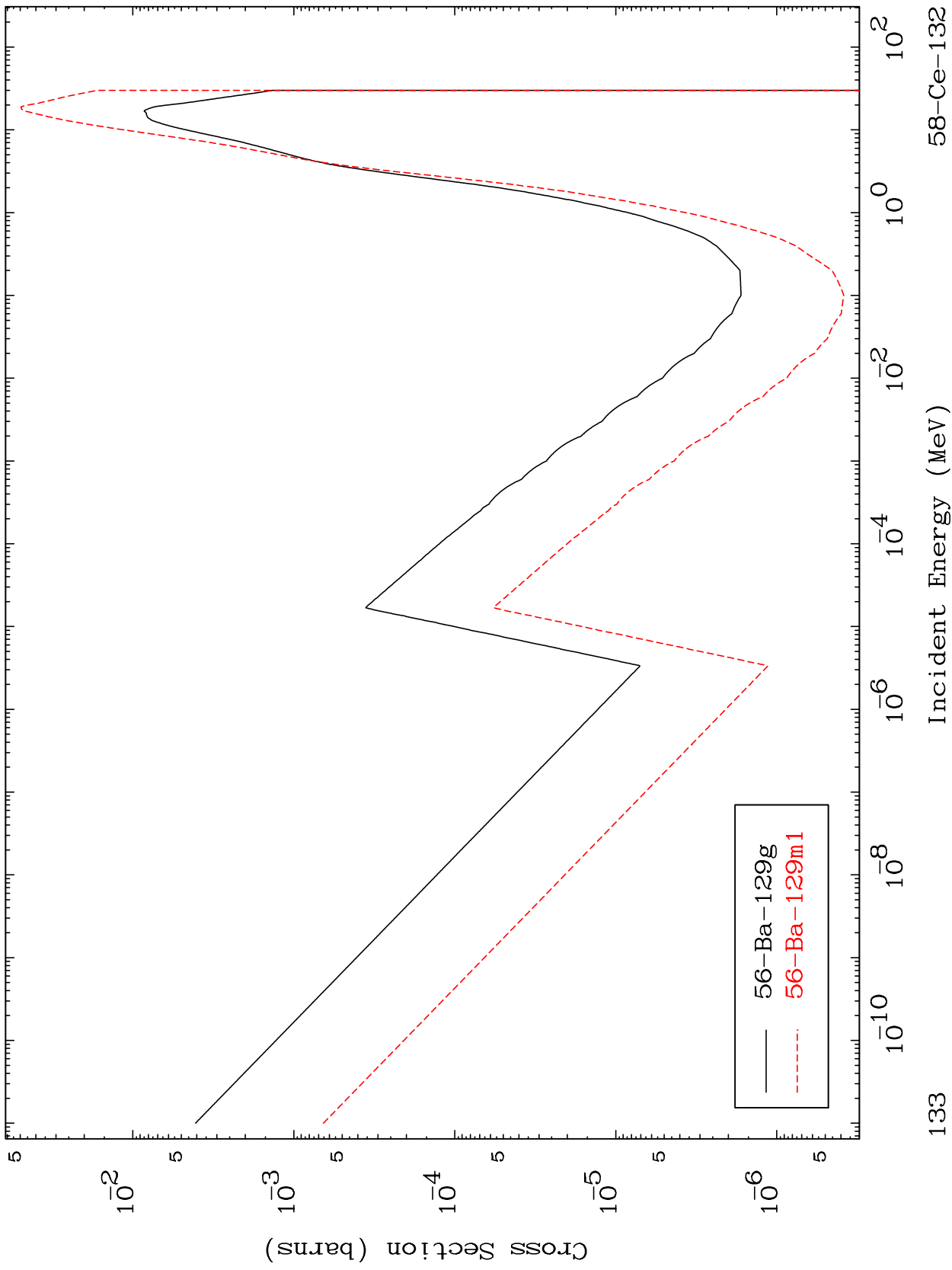
132

MAT 5813

(n, α)

58-Ce-132

Radionuclide Production Cross Section

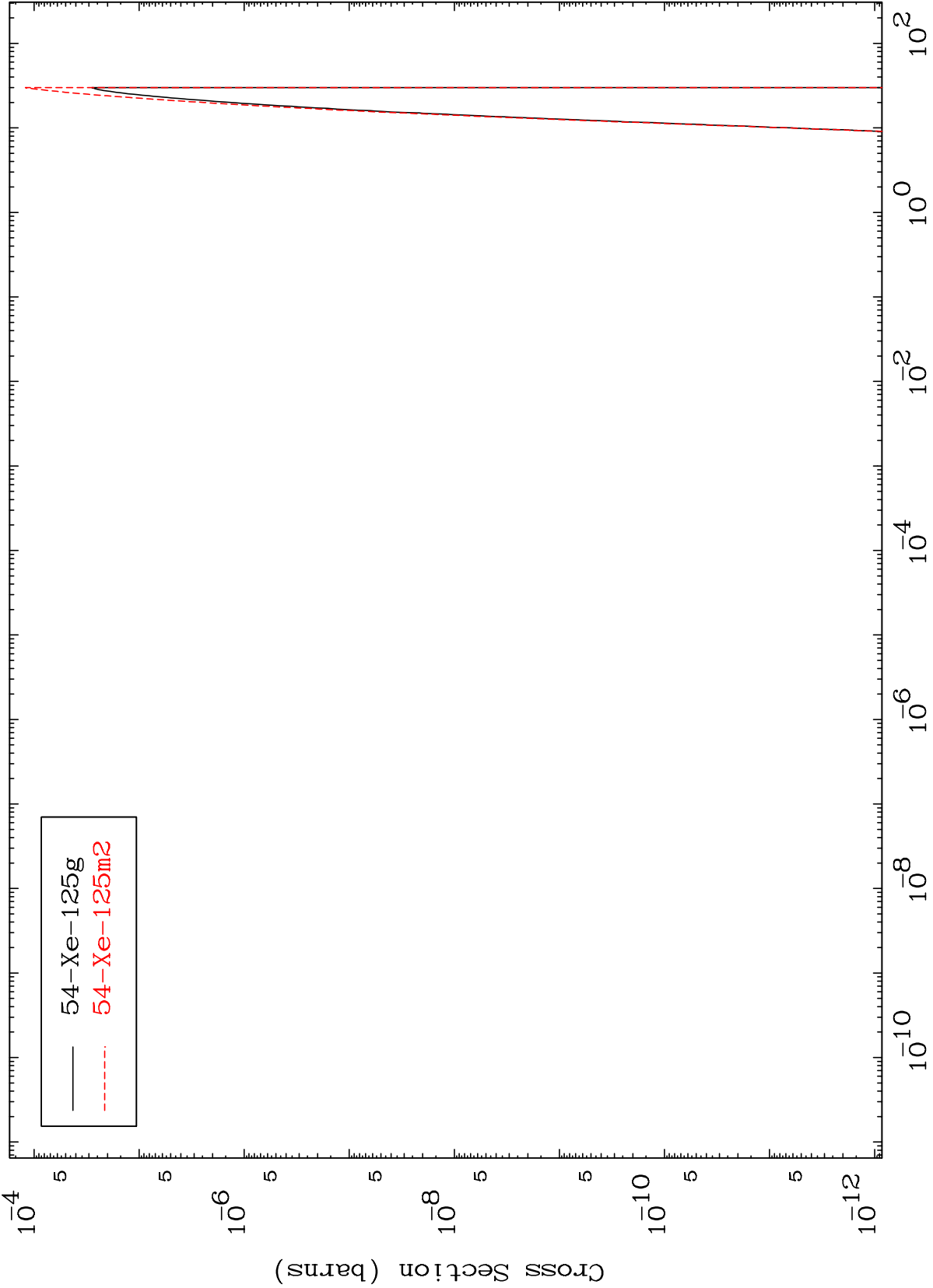


MAT 5813

(n,2α)

58-Ce-132

Radionuclide Production Cross Section



134

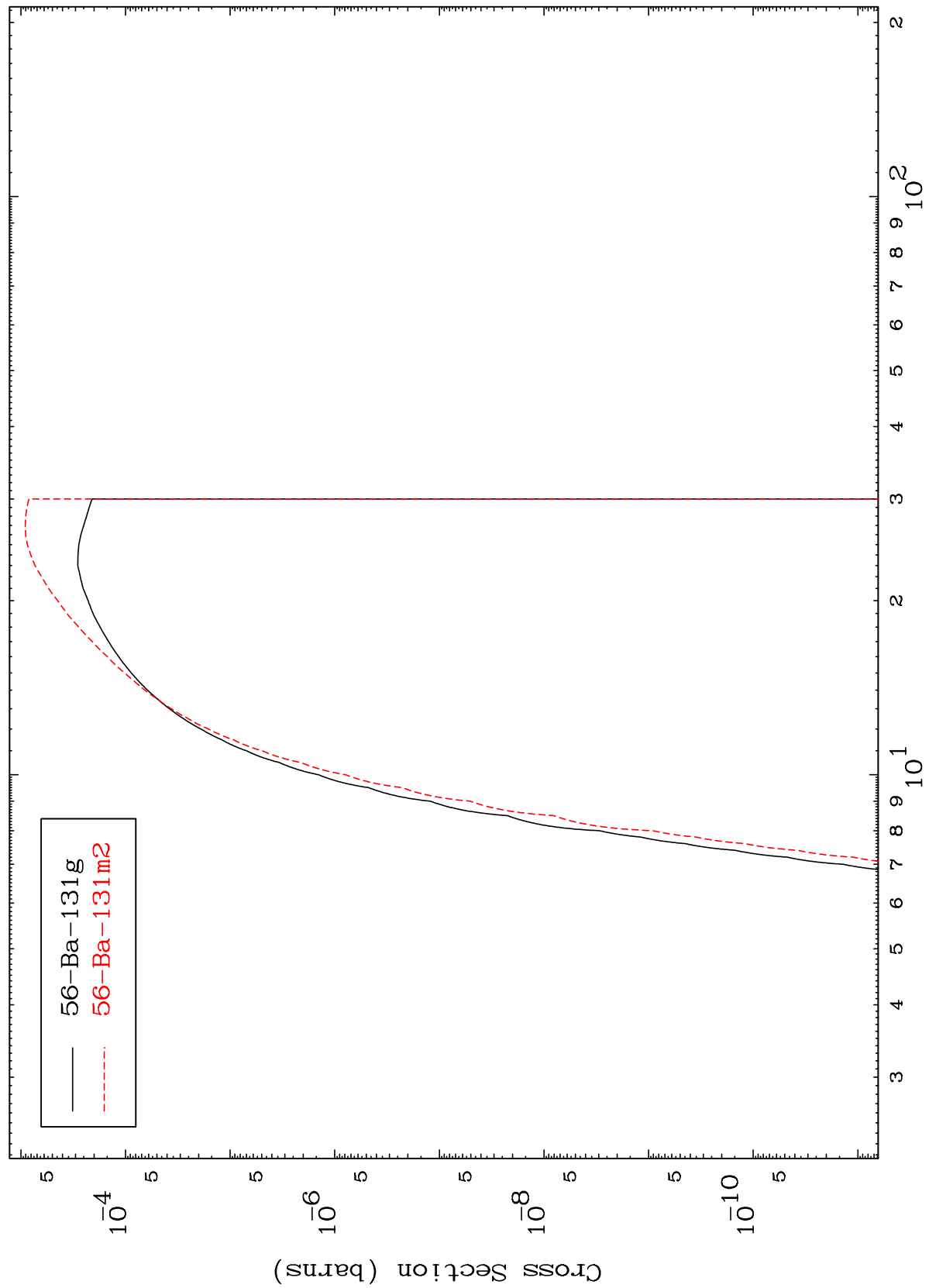
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

(n,2p)
Radionuclide Production Cross Section



— 56-Ba-131g
- - - 56-Ba-131m2

135

Incident Energy (MeV)

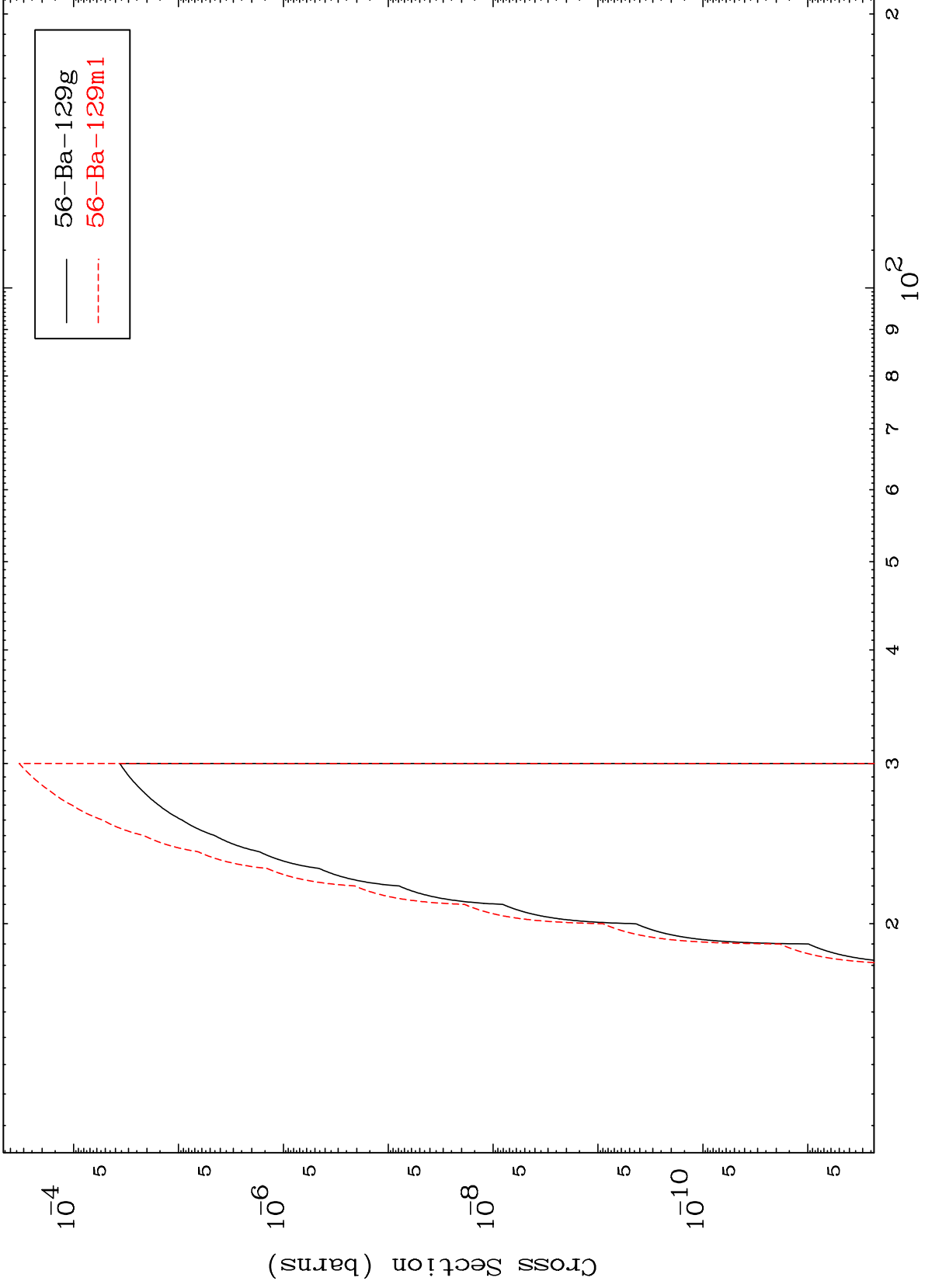
58-Ce-132

MAT 5813

(n,p) t

58-Ce-132

Radionuclide Production Cross Section



136

Incident Energy (MeV)

58-Ce-132