

Program EVALPLOT
(Version 2021-1)

by

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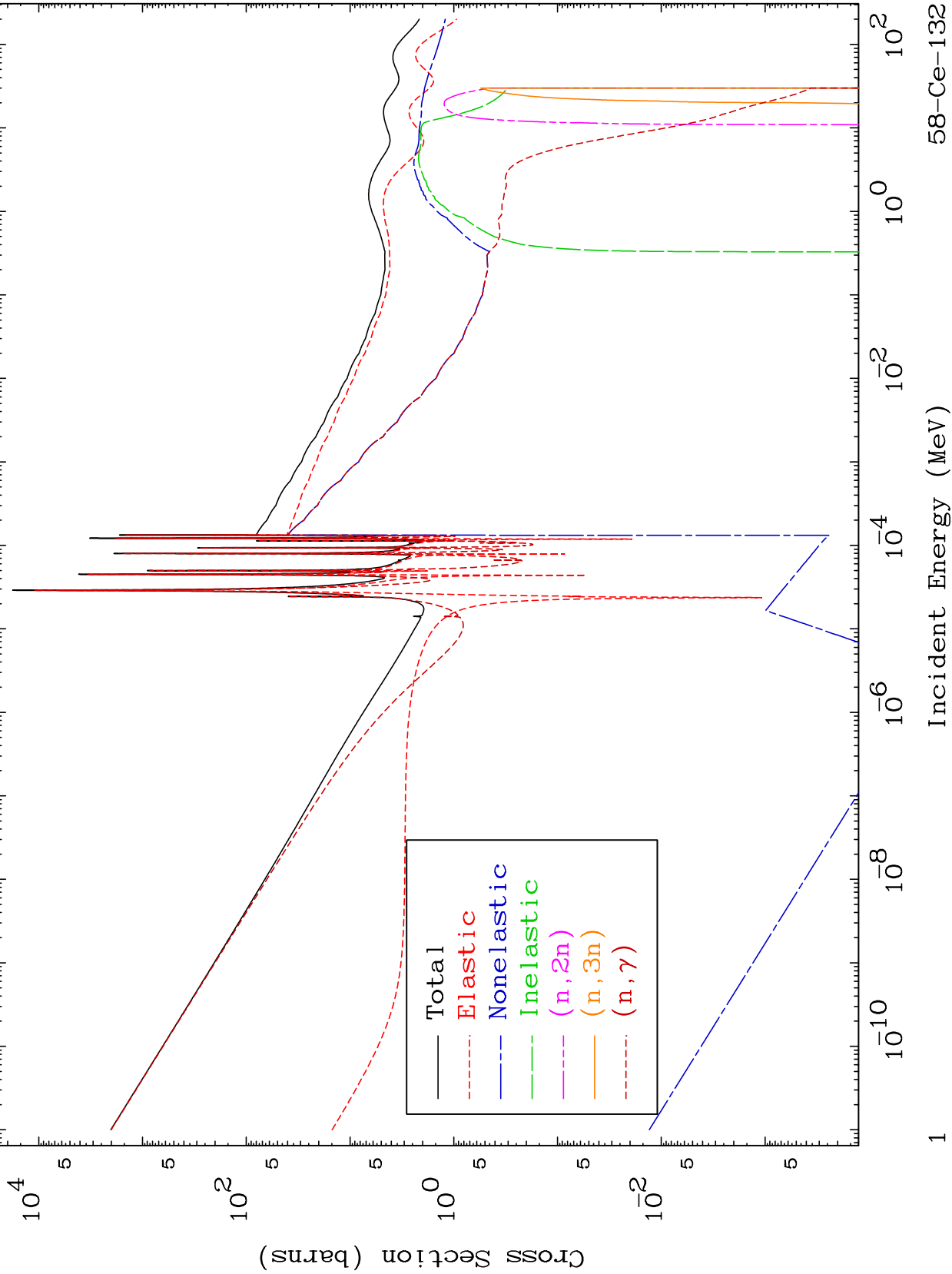
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Press Mouse Button to Start

MAT 5813

Neutron Major
293 Kelvin Cross Sections

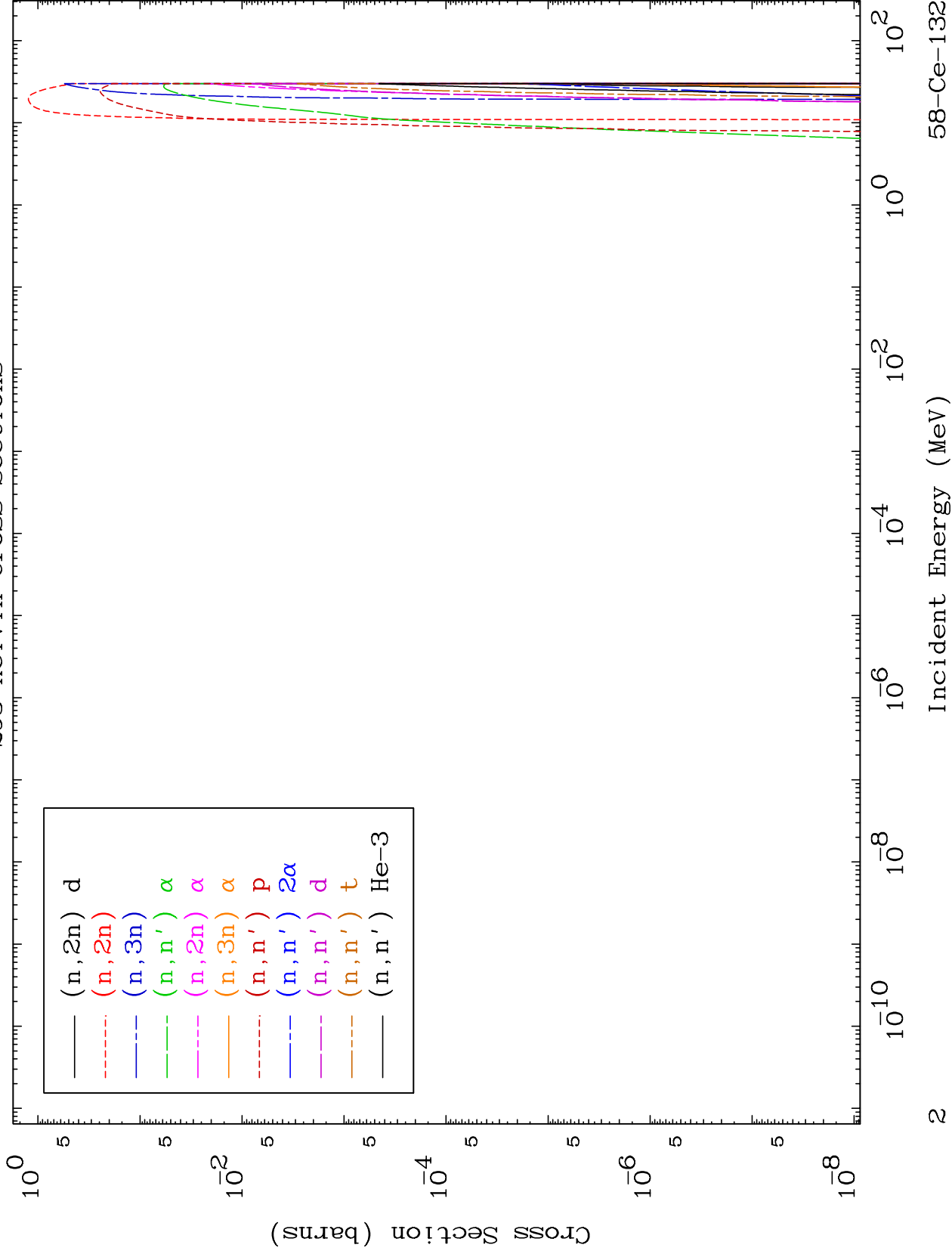
58-Ce-132



MAT 5813

Neutron Absorption
293 Kelvin Cross Sections

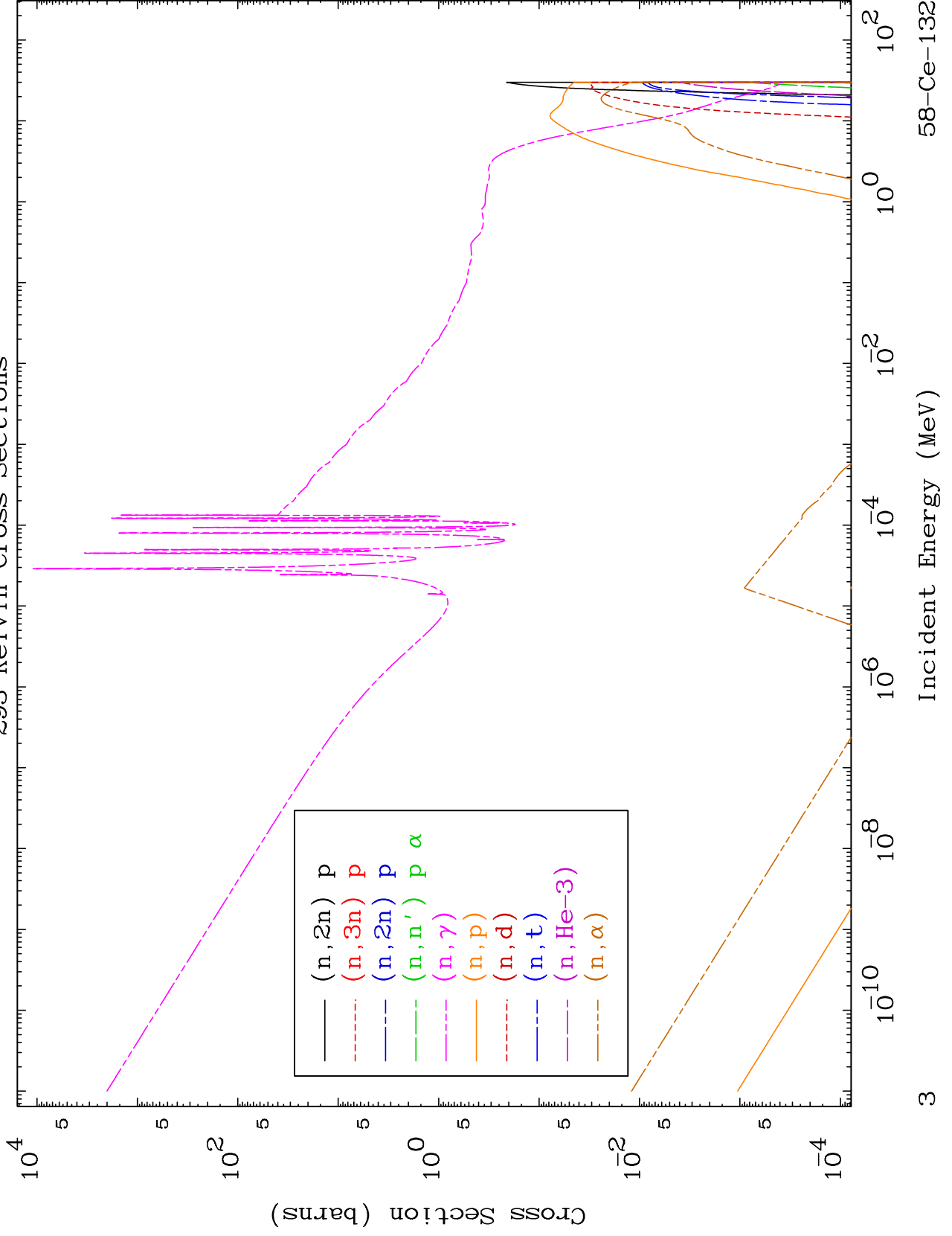
58-Ce-132



MAT 5813

Neutron Absorption
293 Kelvin Cross Sections

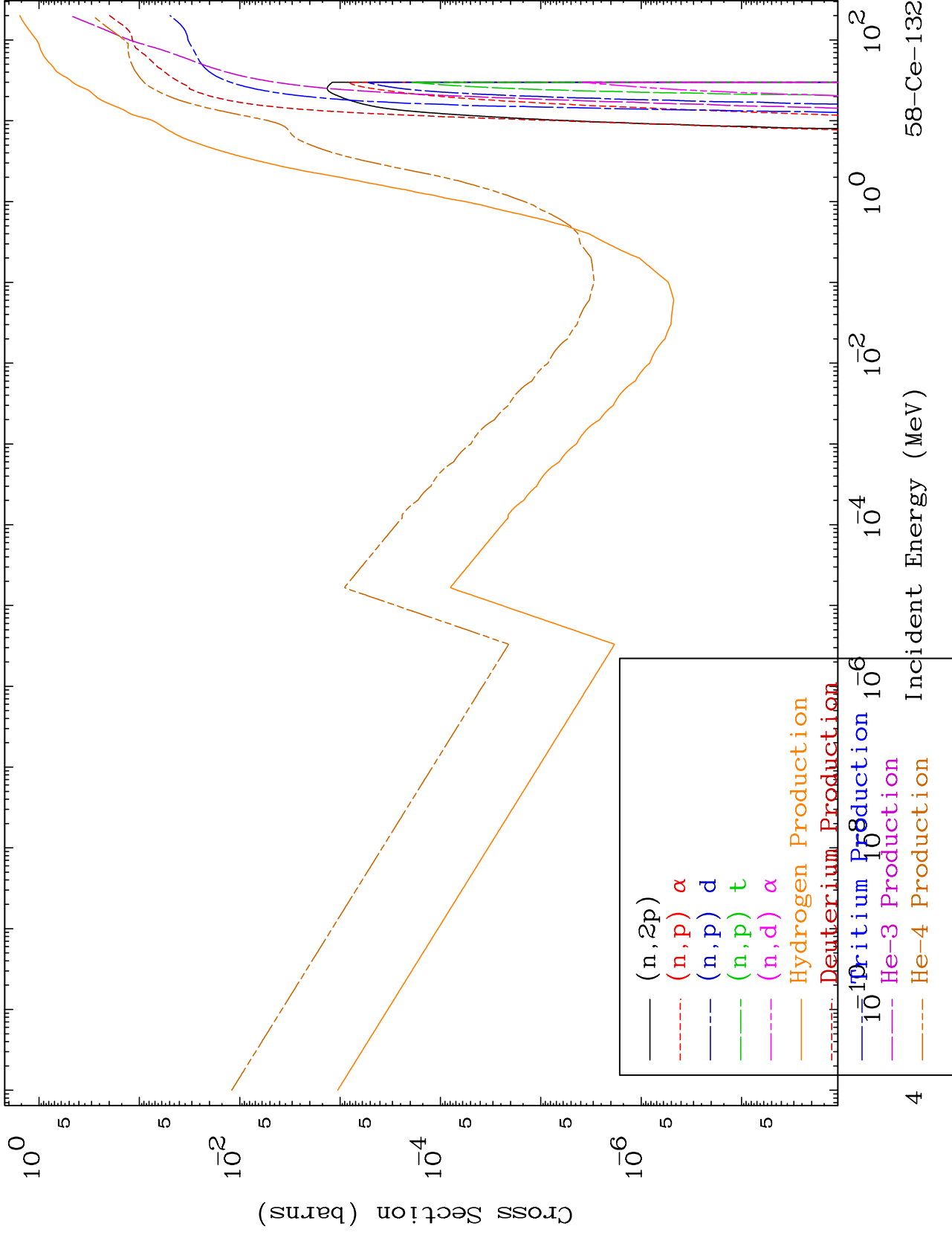
58-Ce-132



MAT 5813

Neutron Absorption
293 Kelvin Cross Sections

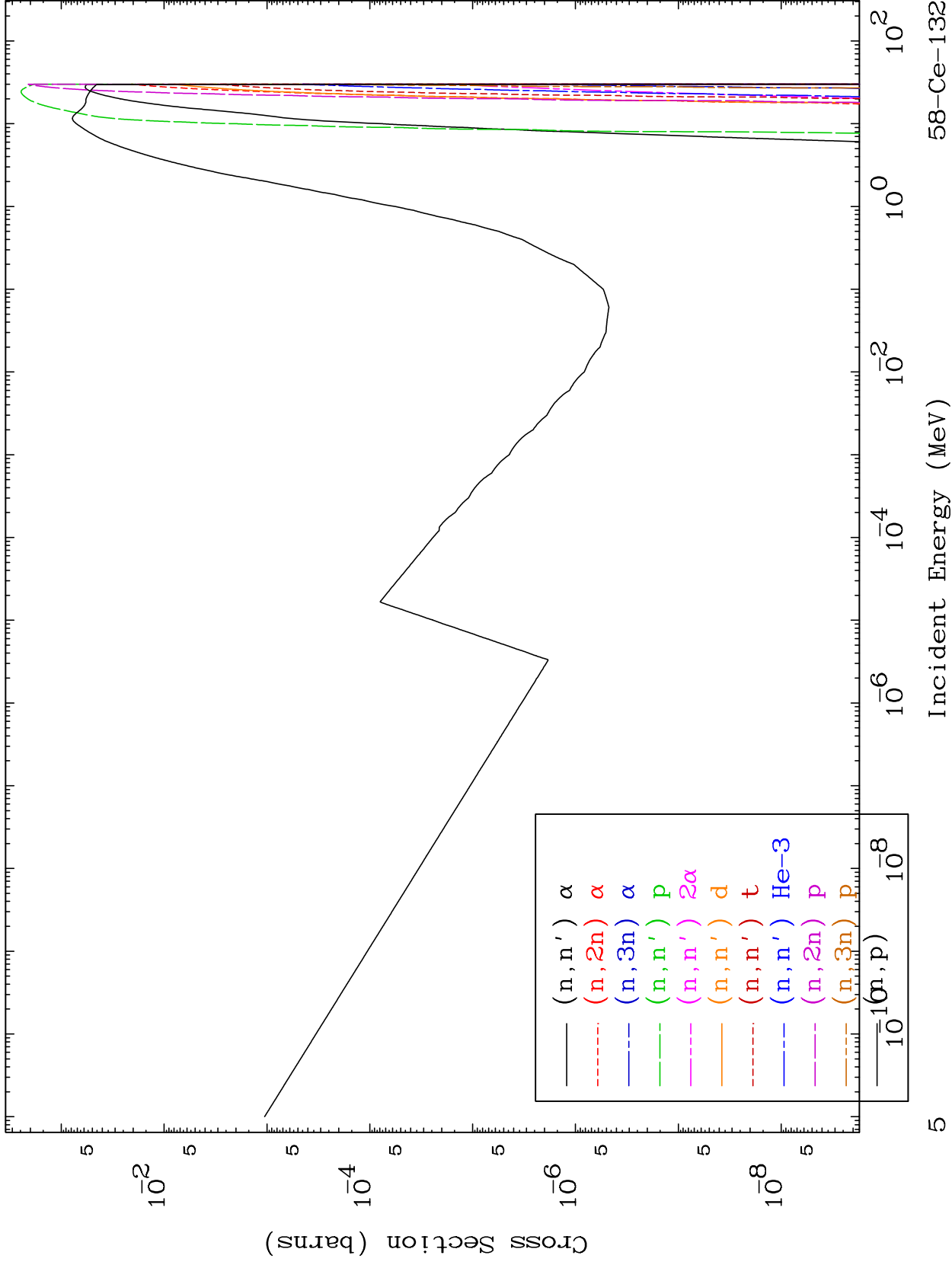
58-Ce-132



MAT 5813

Charged Particle
293 Kelvin Cross Sections

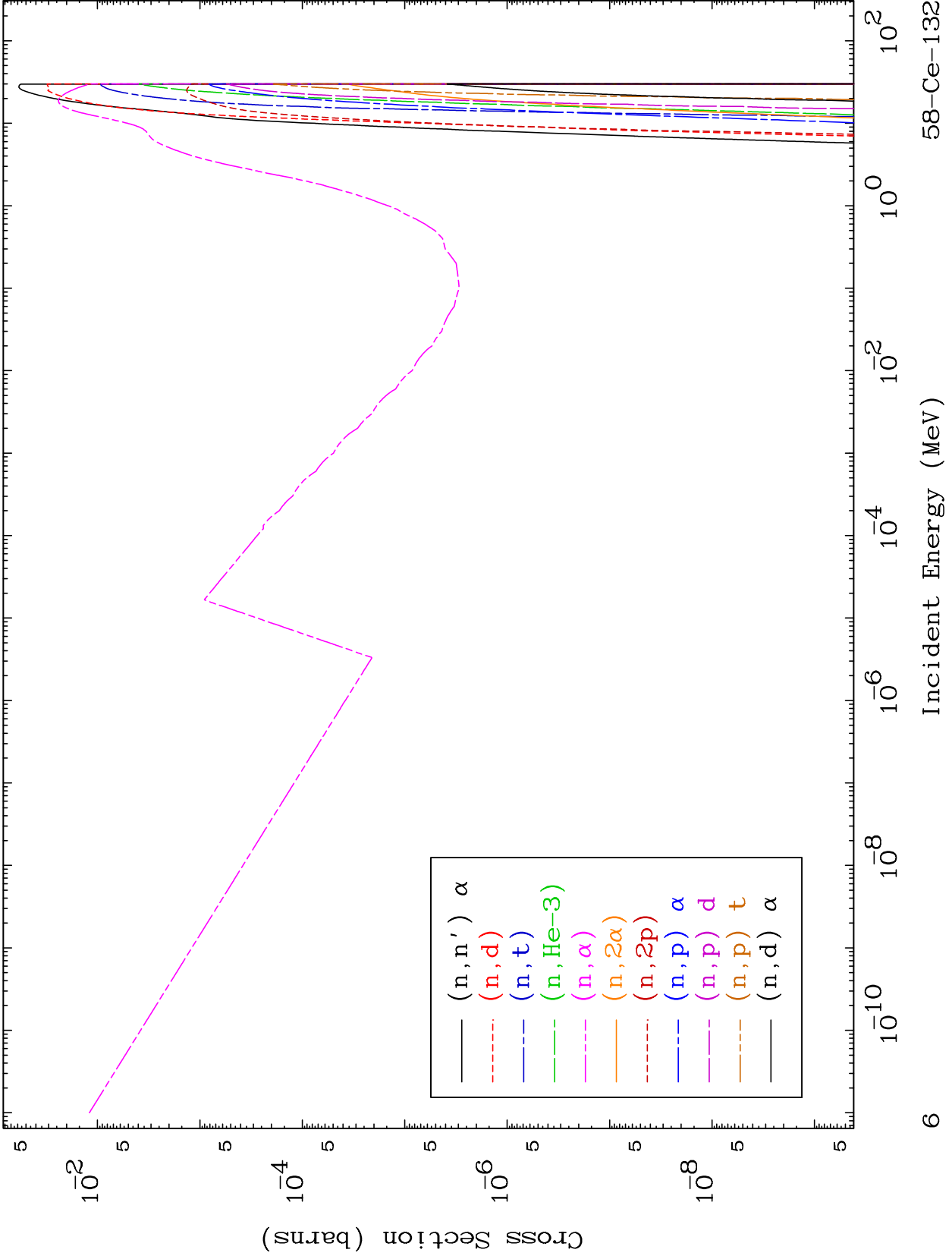
58-Ce-132



MAT 5813

Charged Particle
293 Kelvin Cross Sections

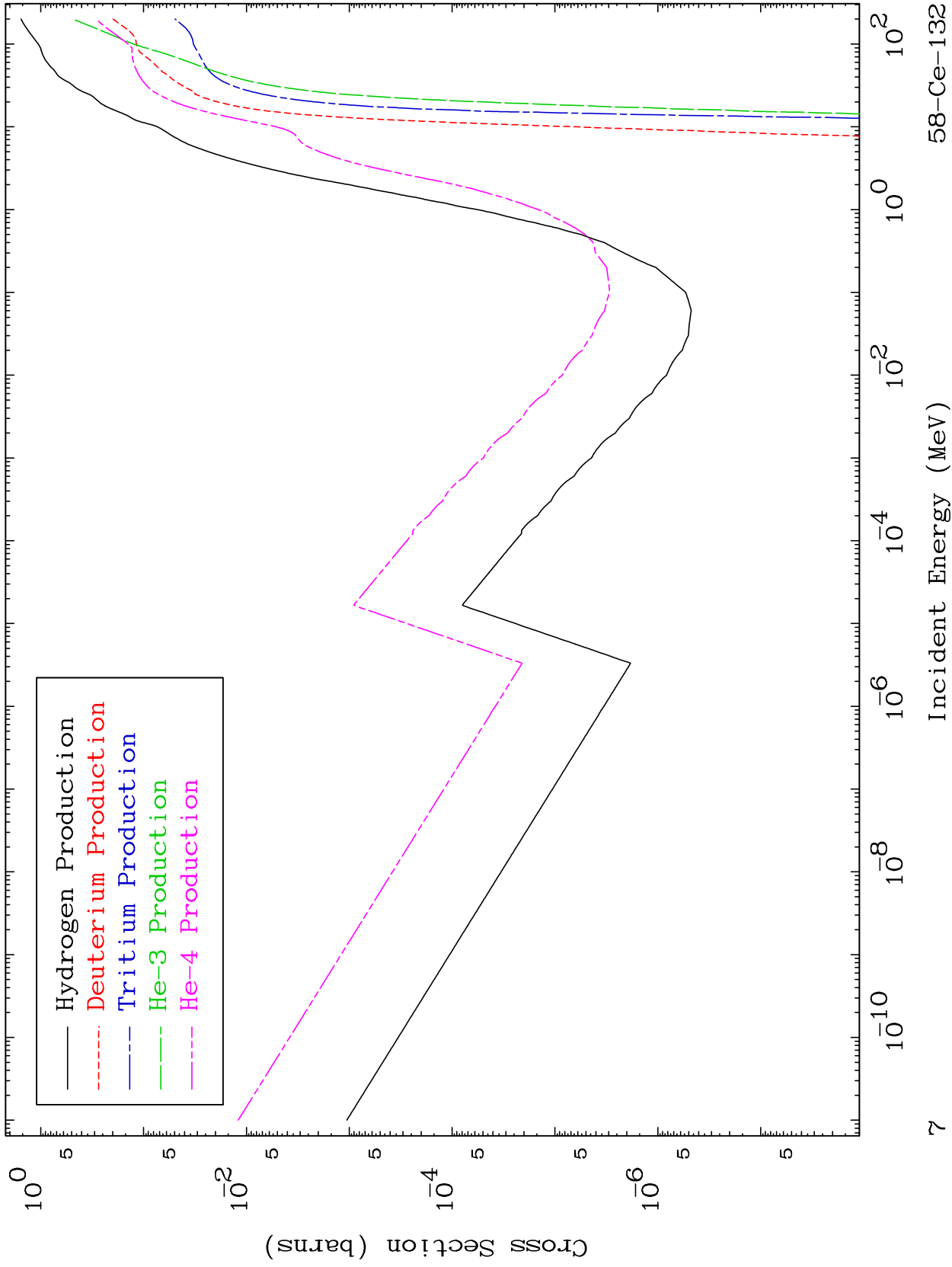
58-Ce-132



MAT 5813

Particle Production
293 Kelvin Cross Sections

58-Ce-132

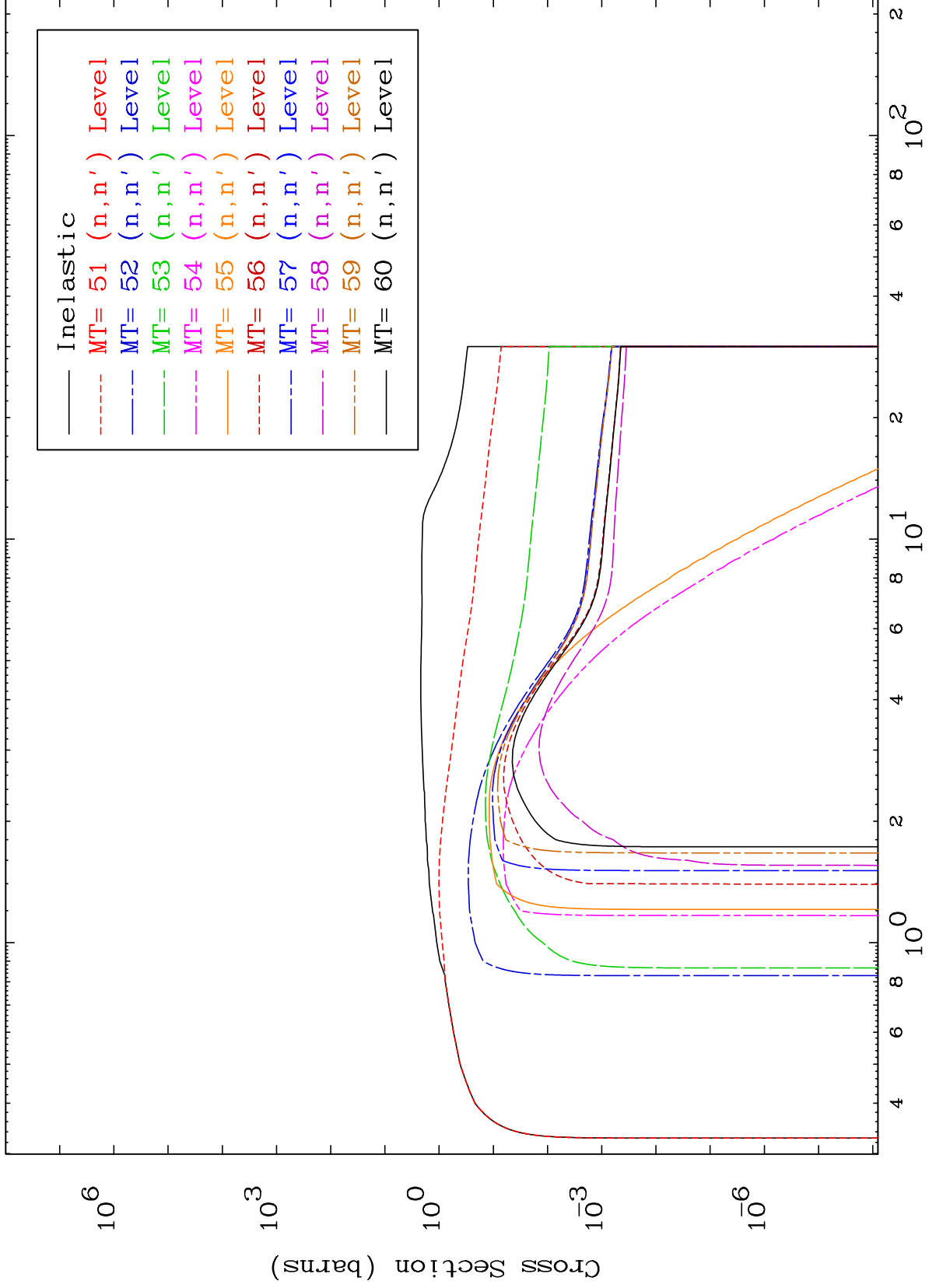


MAT 5813

(n,n') Levels

58-Ce-132

293 Kelvin Cross Sections



8

Incident Energy (MeV)

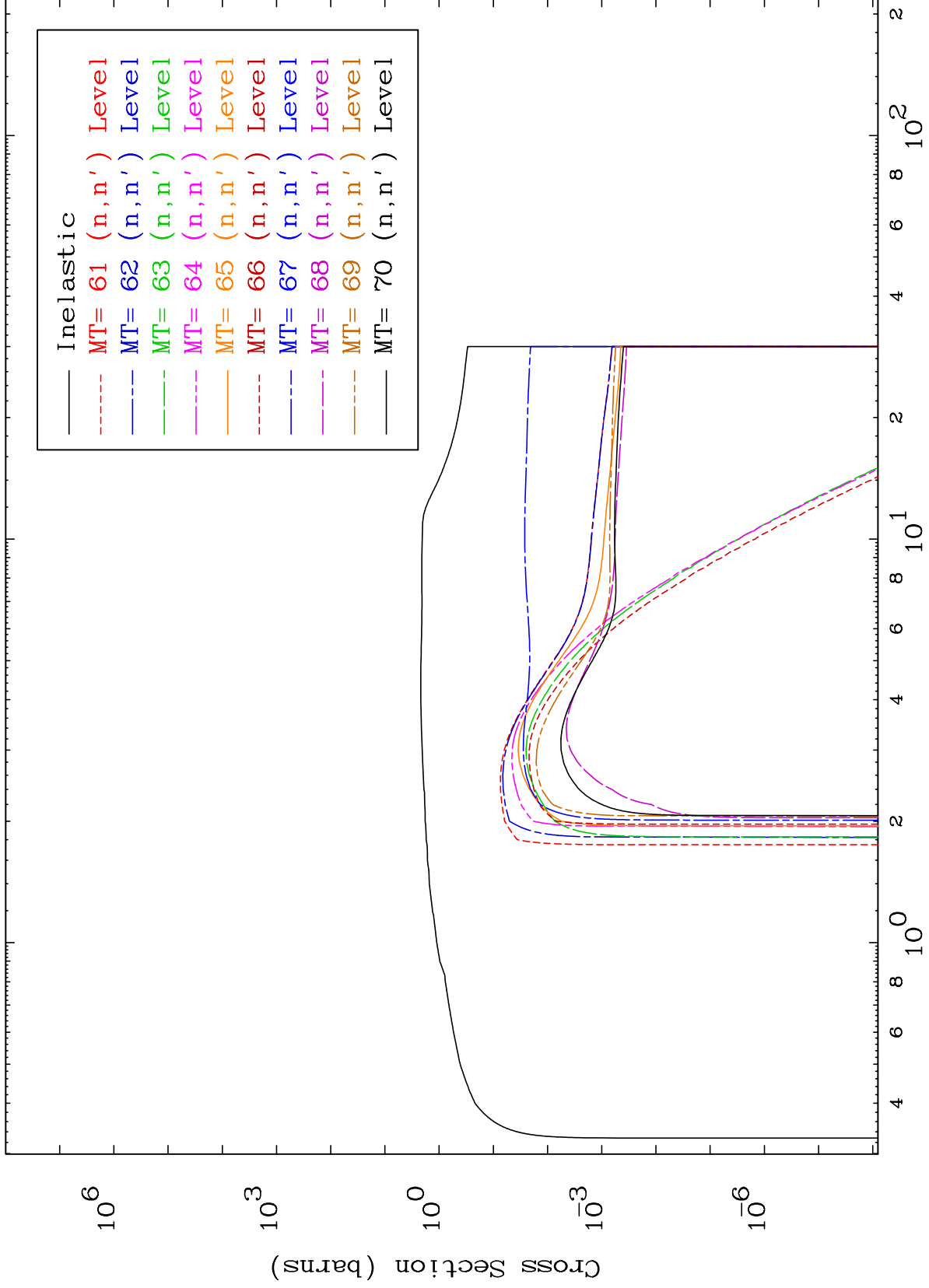
58-Ce-132

MAT 5813

(n,n') Levels

58-Ce-132

293 Kelvin Cross Sections

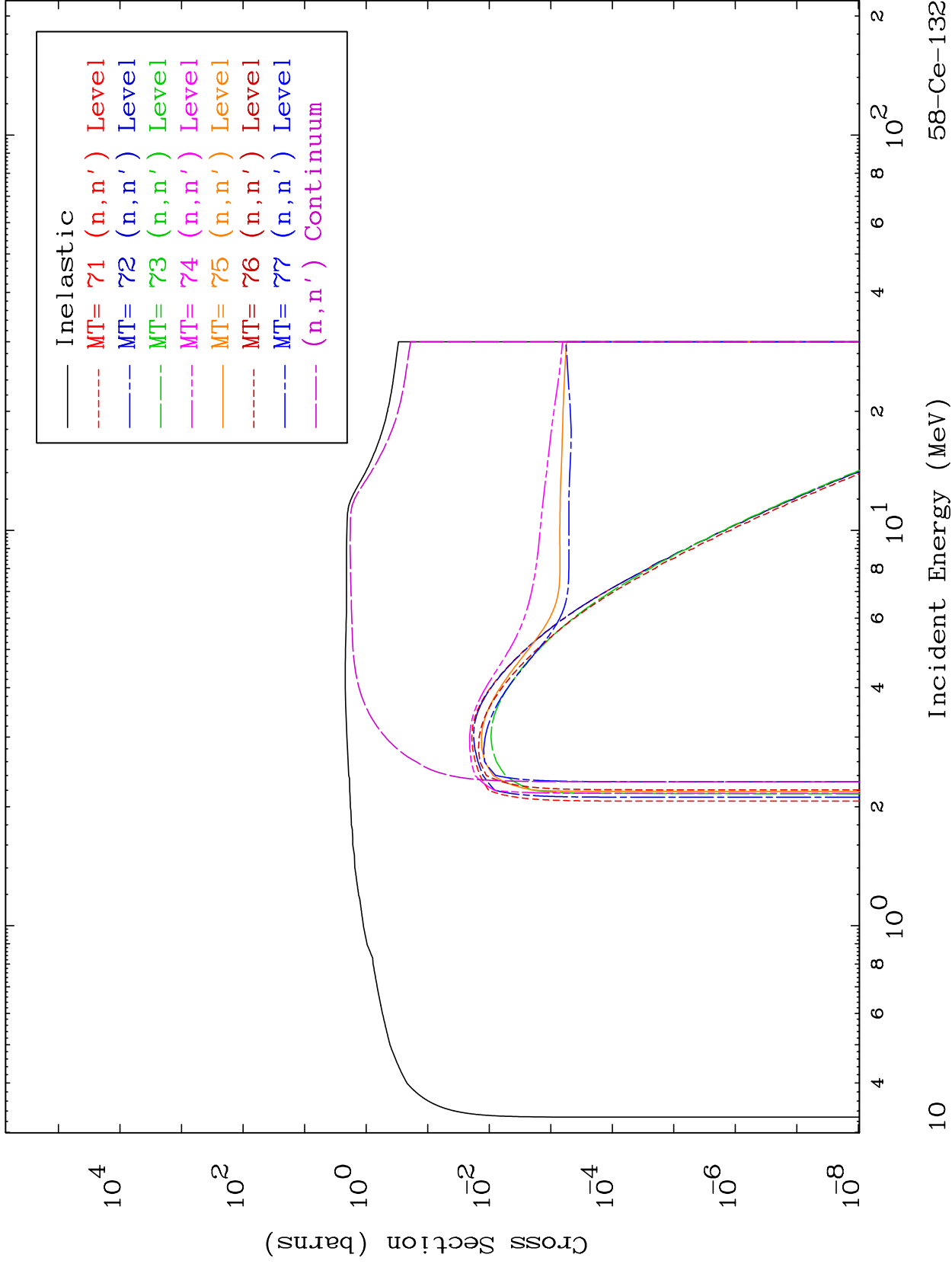


MAT 5813

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-132



10

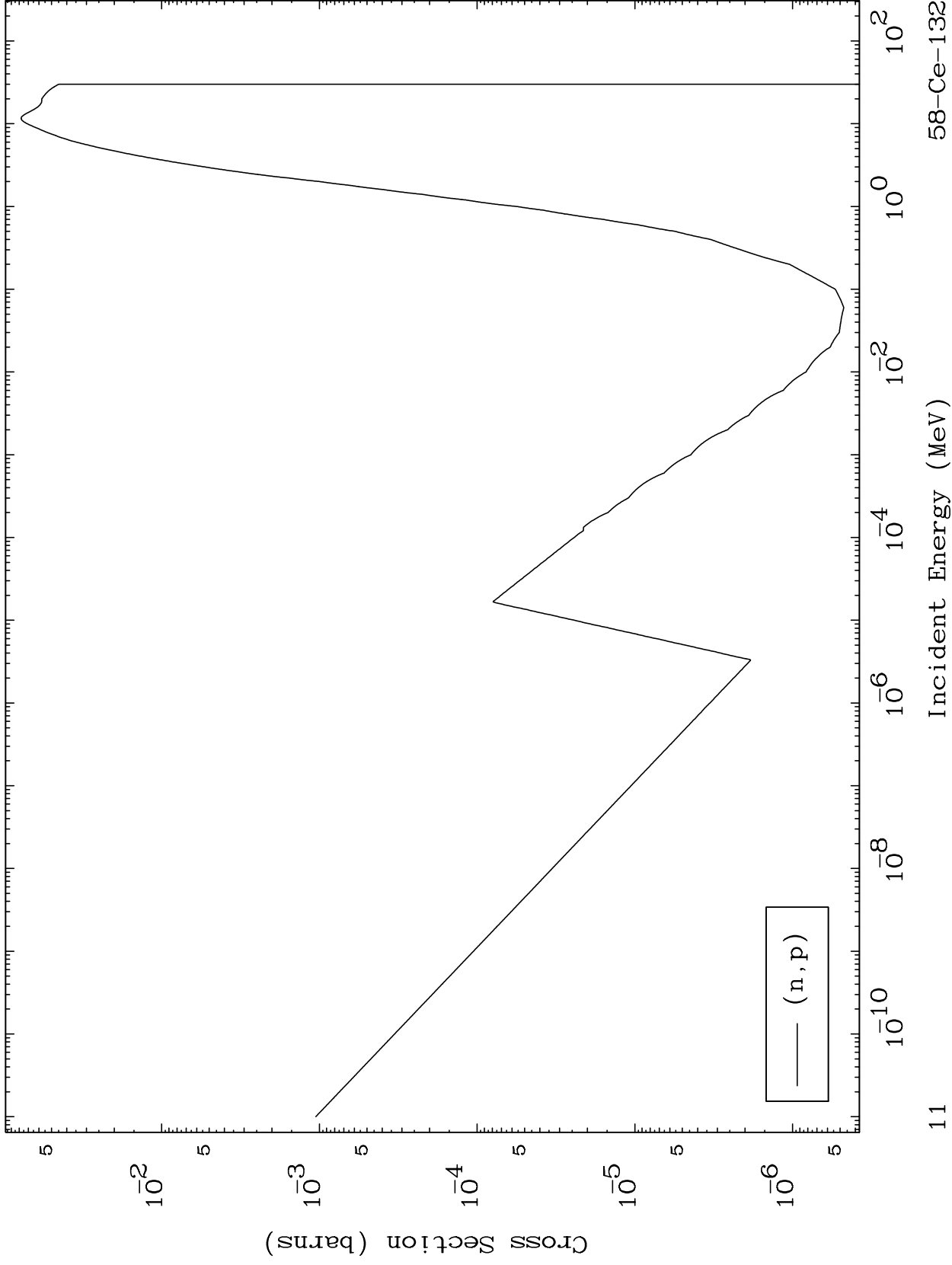
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,p) Levels
293 Kelvin Cross Sections

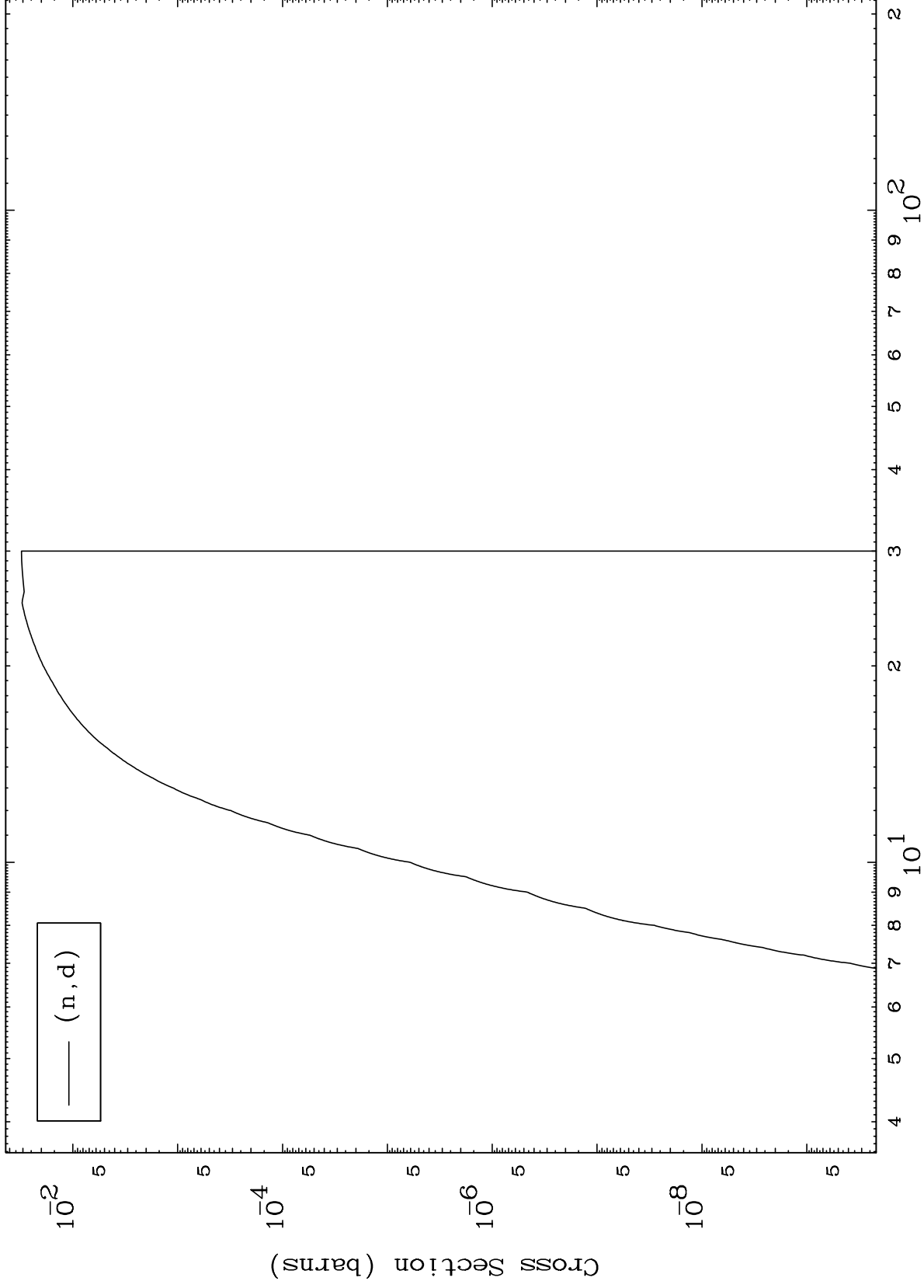
58-Ce-132



MAT 5813

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-132



12

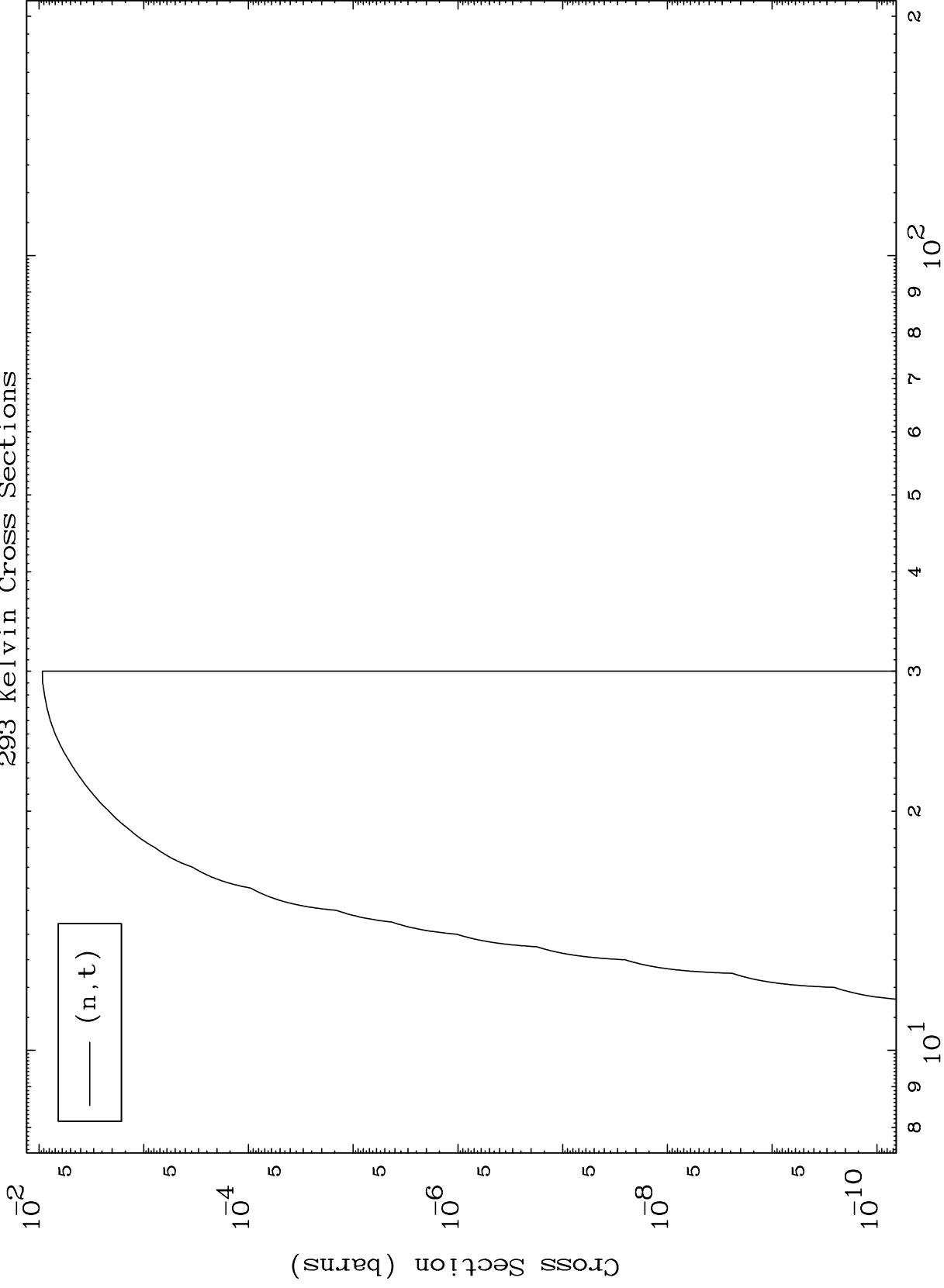
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-132



13

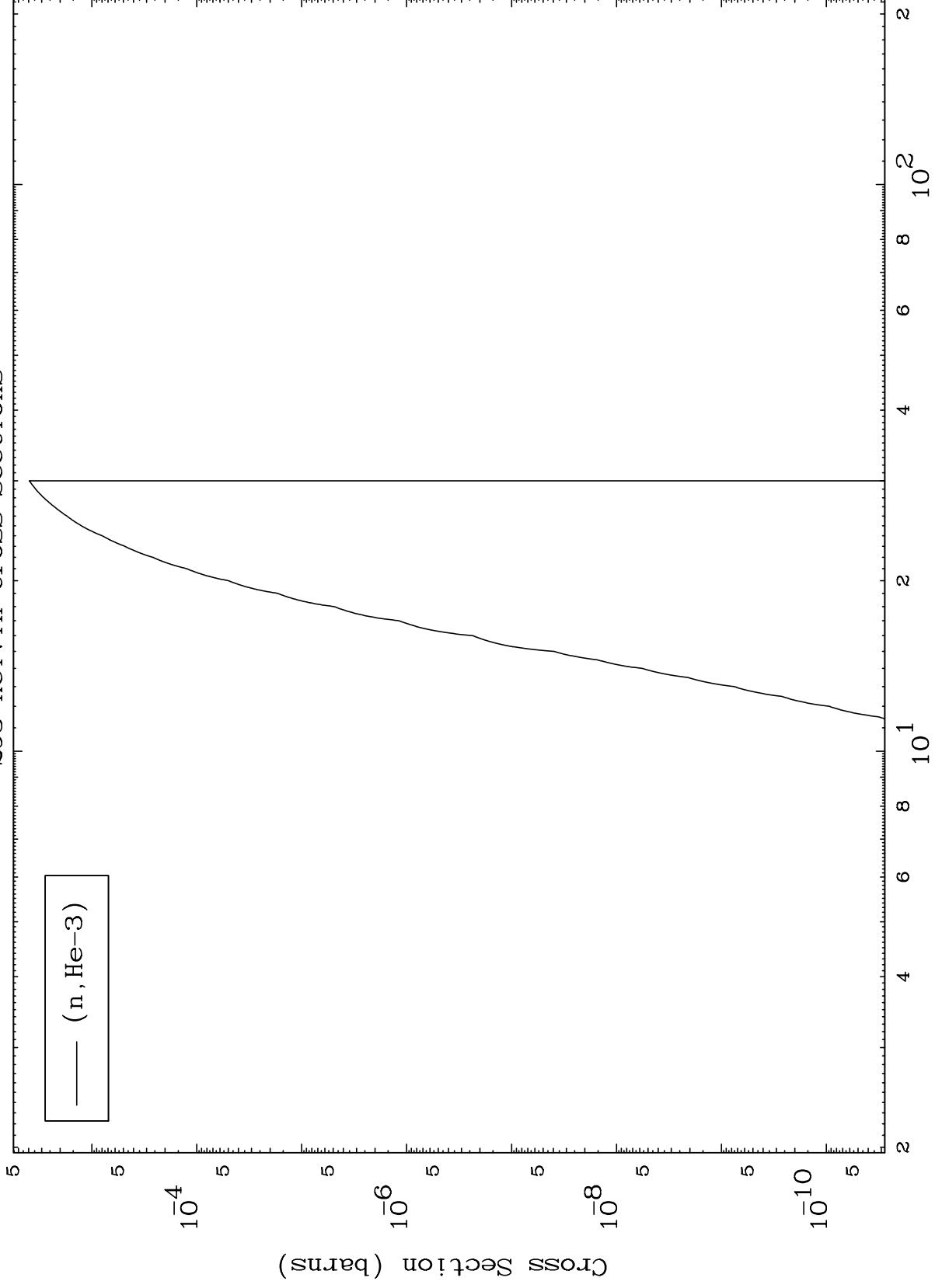
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-132



14

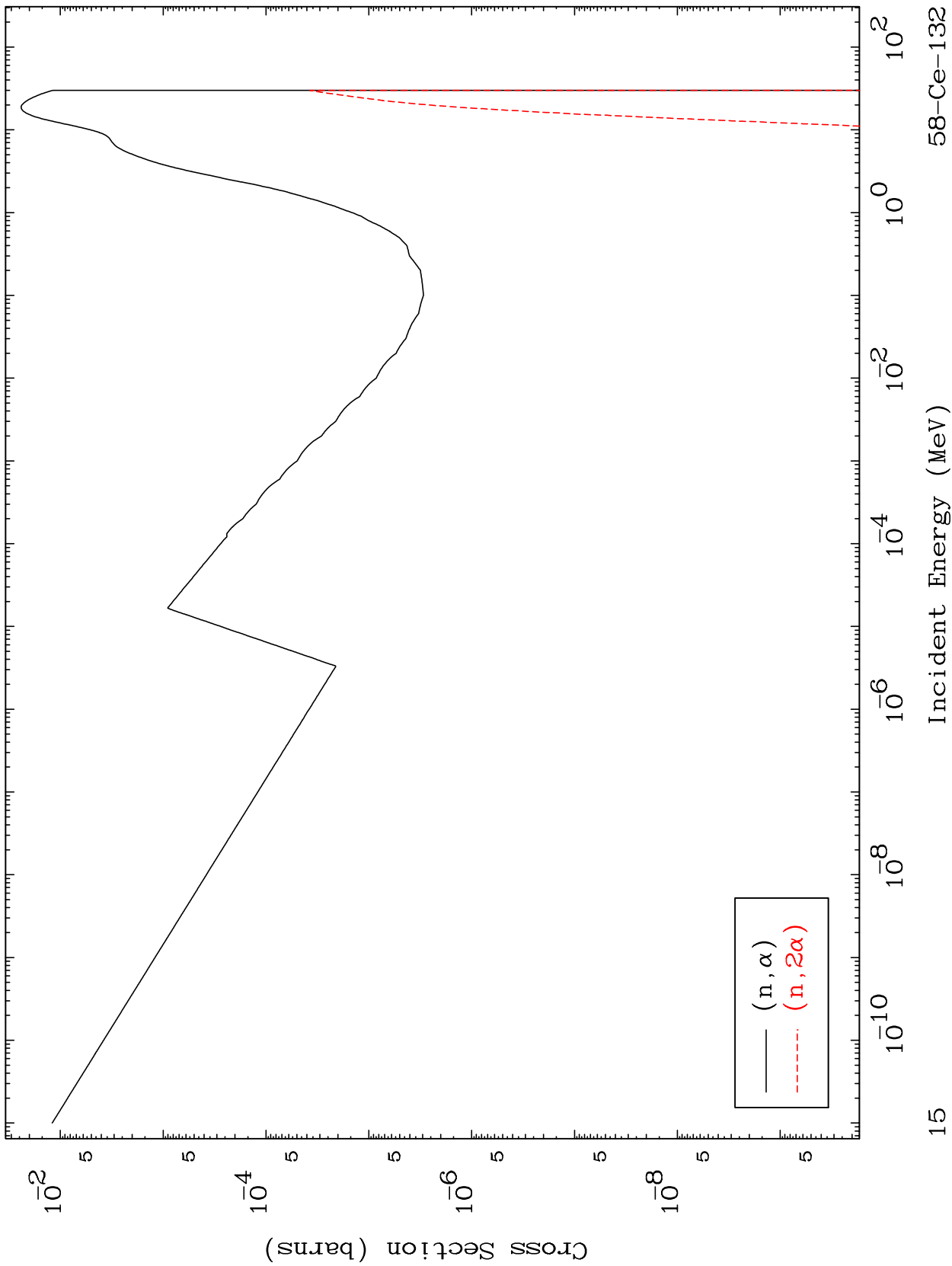
Incident Energy (MeV)

58-Ce-132

MAT 5813

(n,α) Levels
293 Kelvin Cross Sections

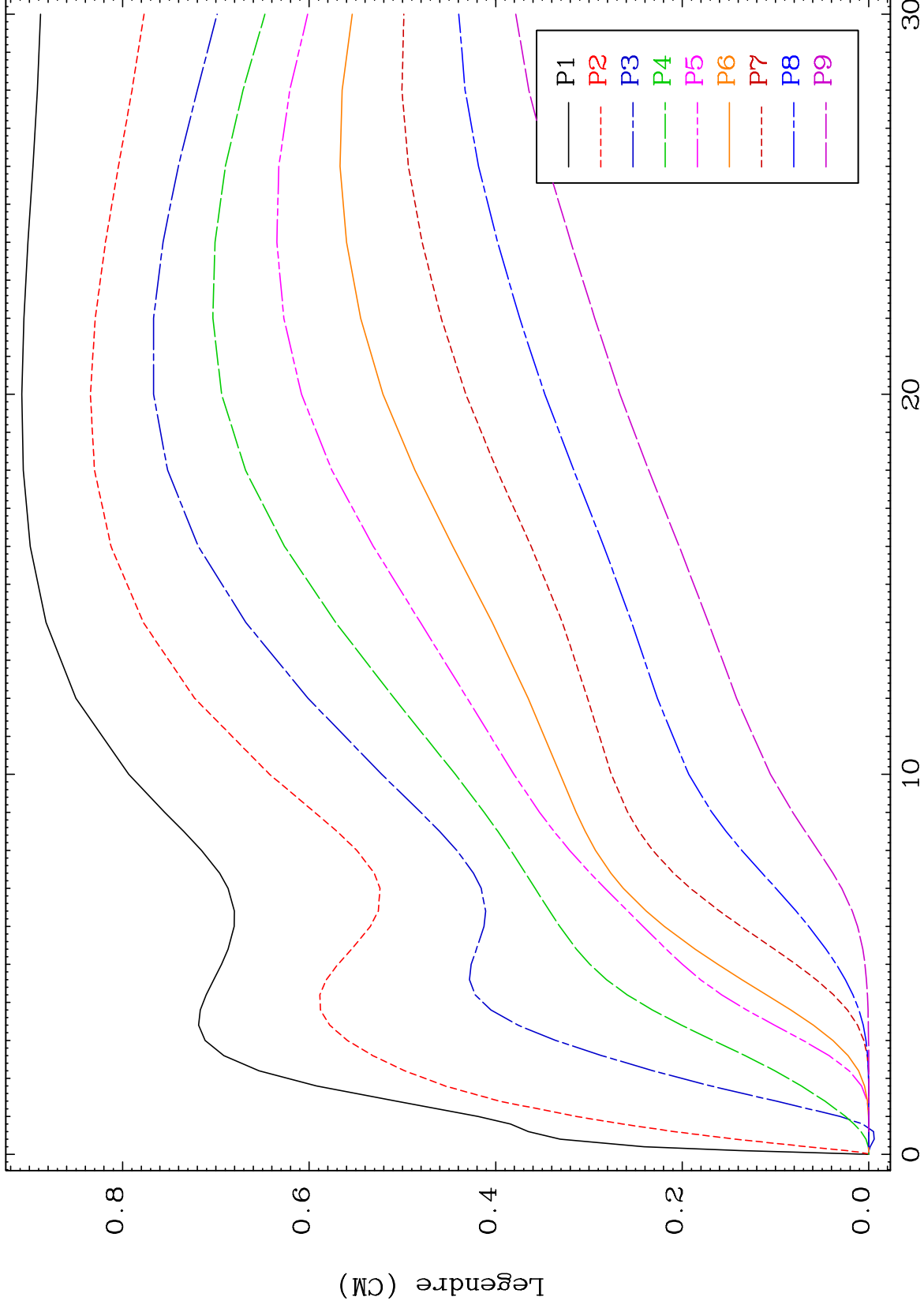
58-Ce-132



MAT 5813

Elastic Legendre Coefficients

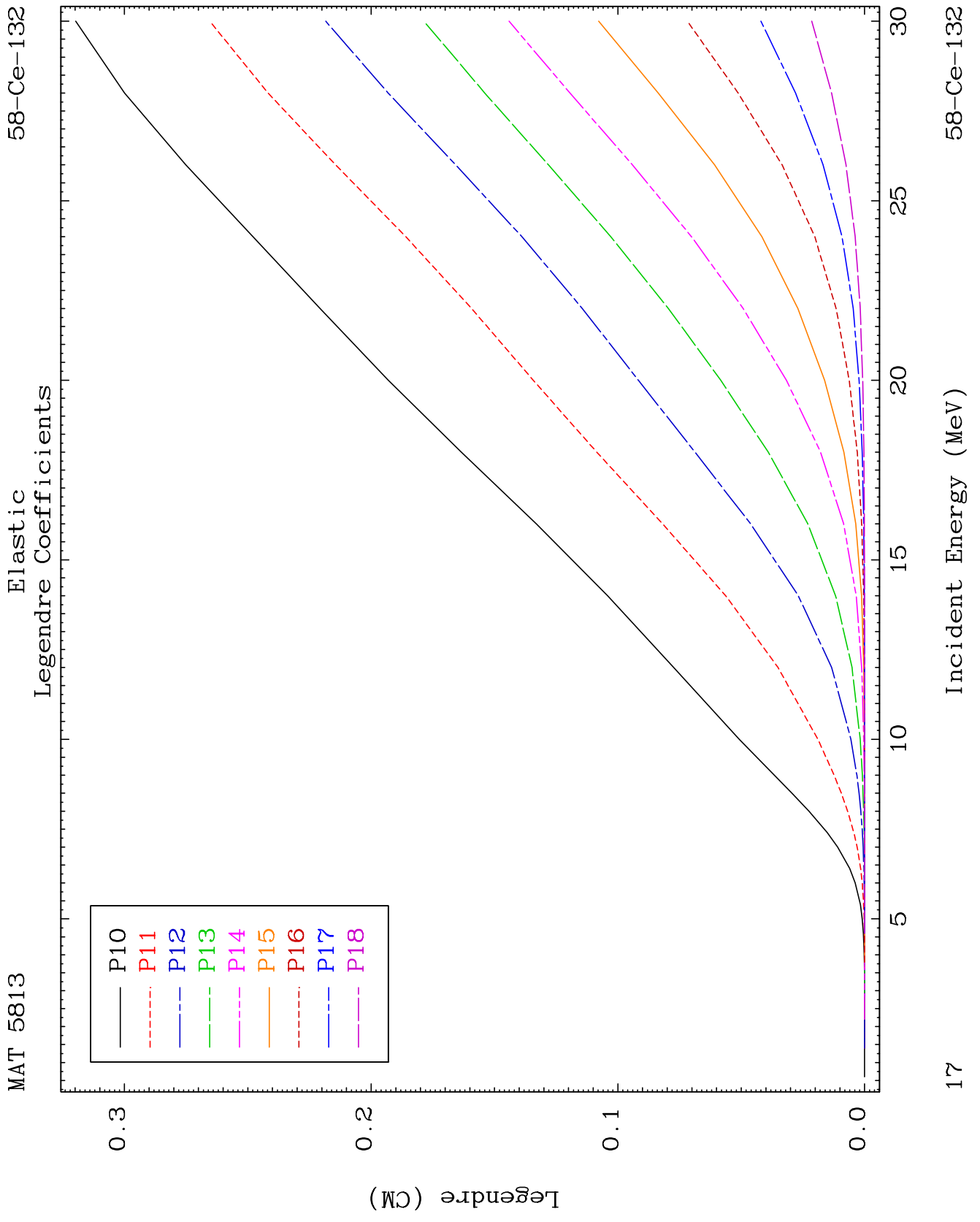
58-Ce-132



16

Incident Energy (MeV)

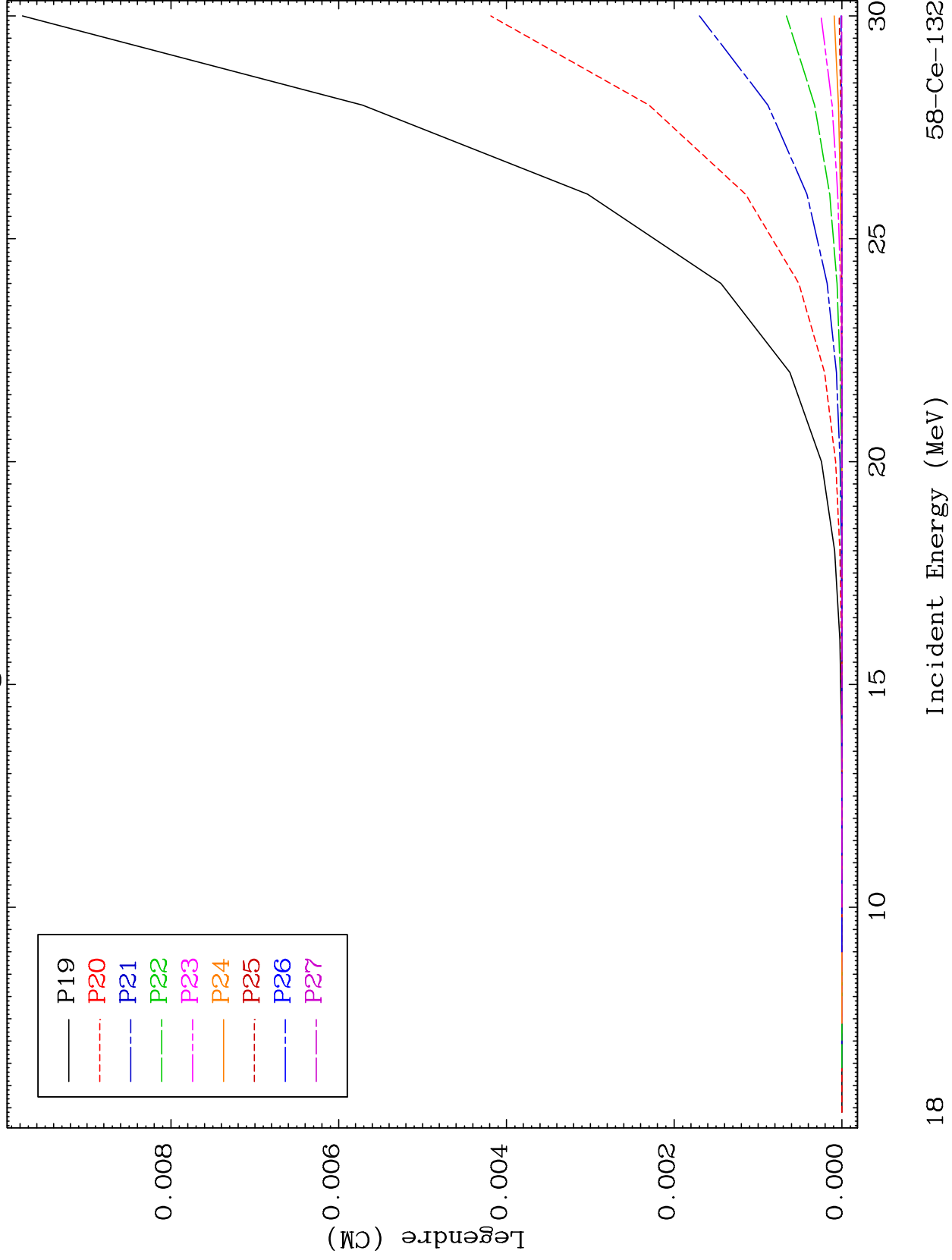
58-Ce-132



MAT 5813

Elastic Legendre Coefficients

58-Ce-132



18

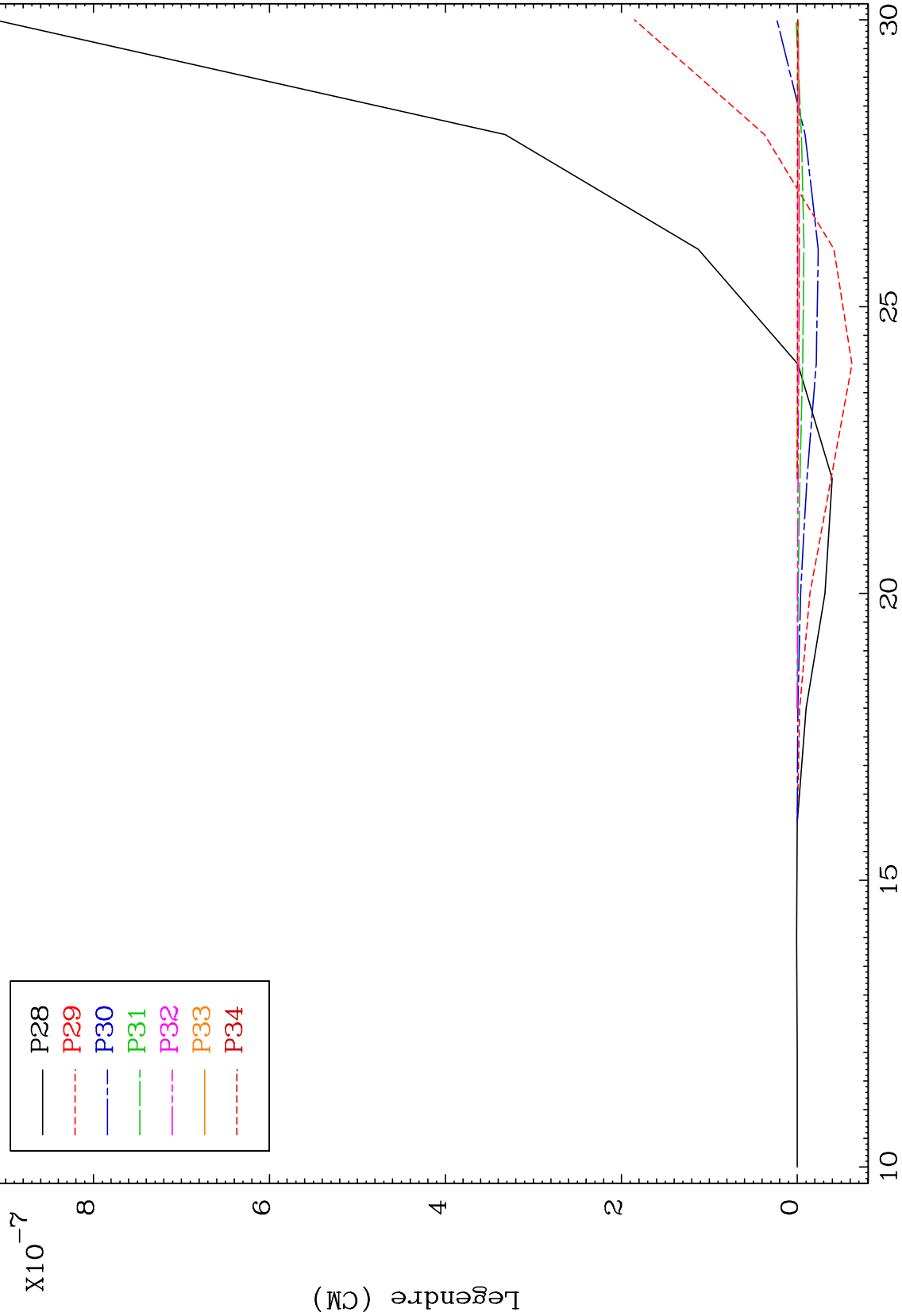
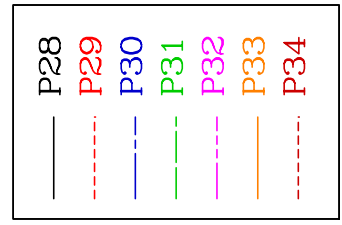
Incident Energy (MeV)

58-Ce-132

MAT 5813

Elastic
Legendre Coefficients

58-Ce-132



19

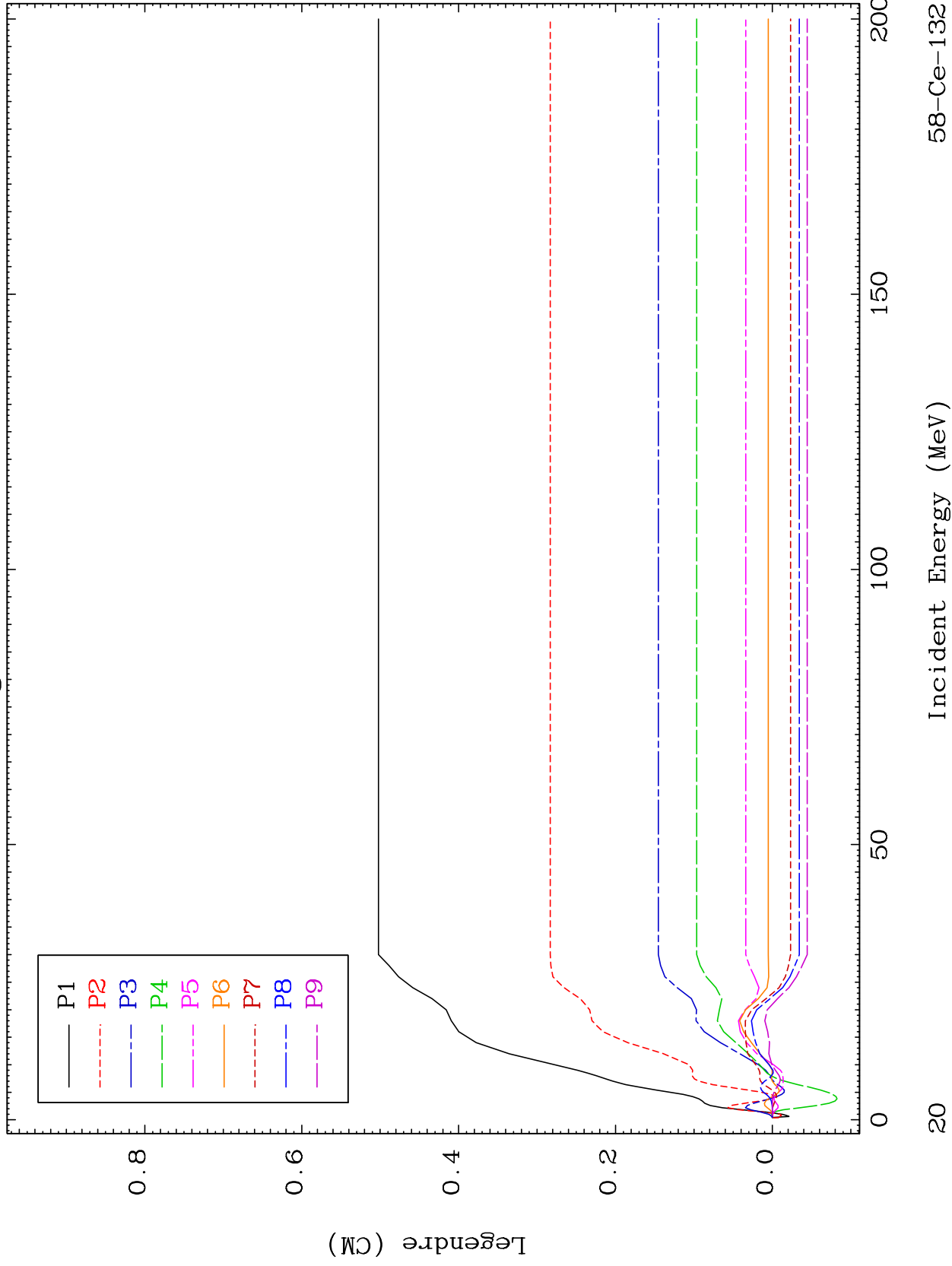
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

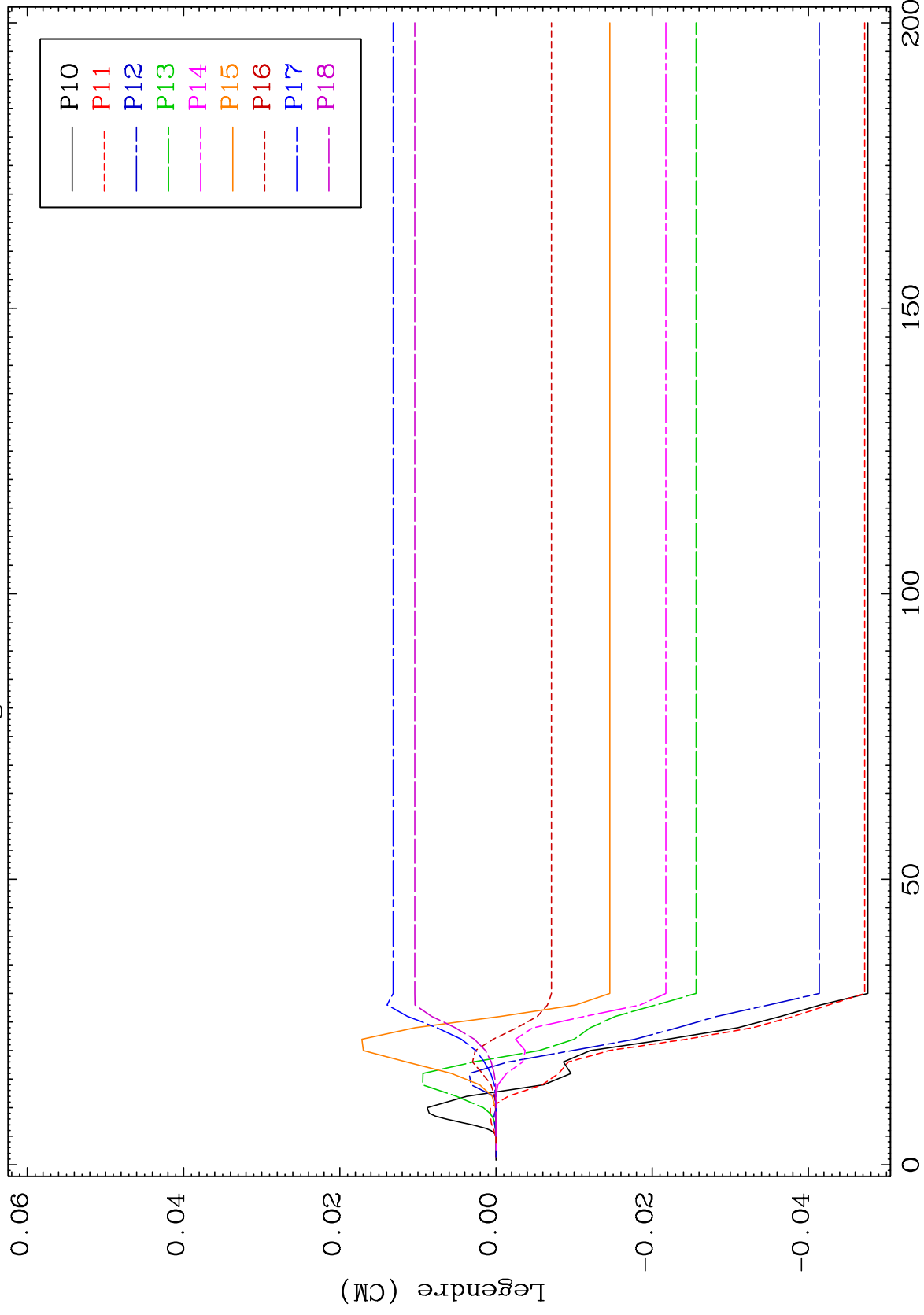
58-Ce-132



MAT 5813

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

58-Ce-132



21

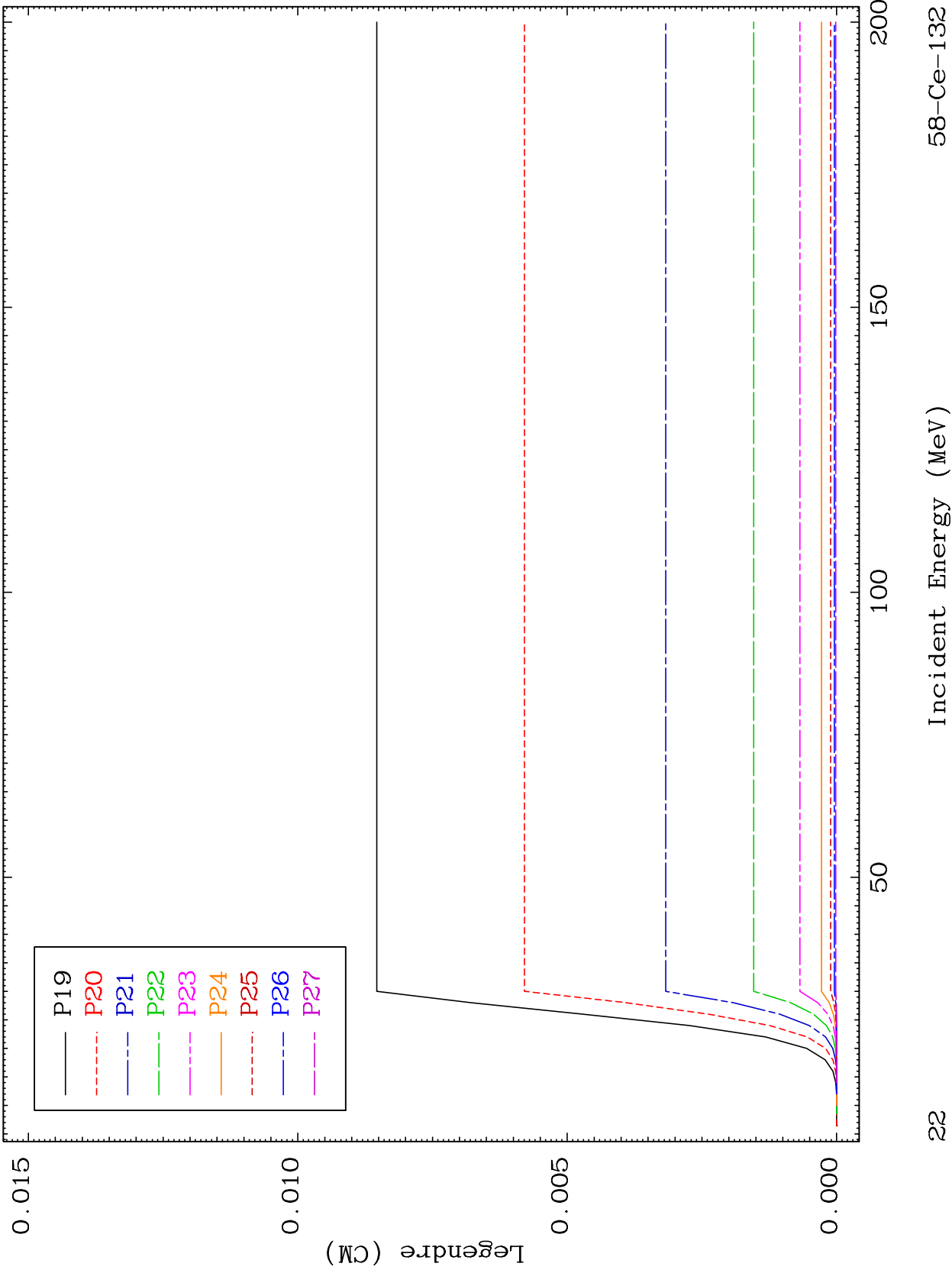
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



22

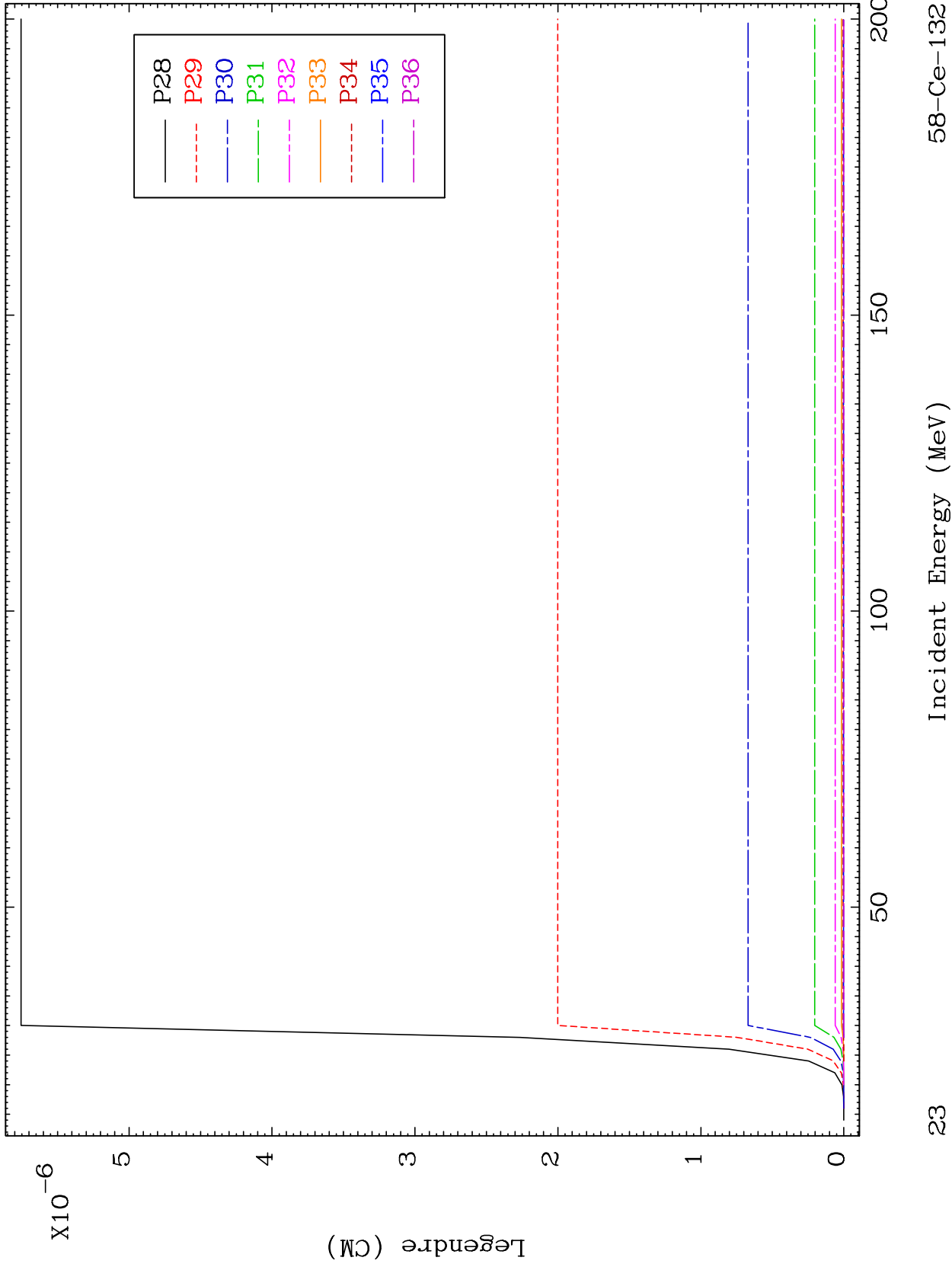
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

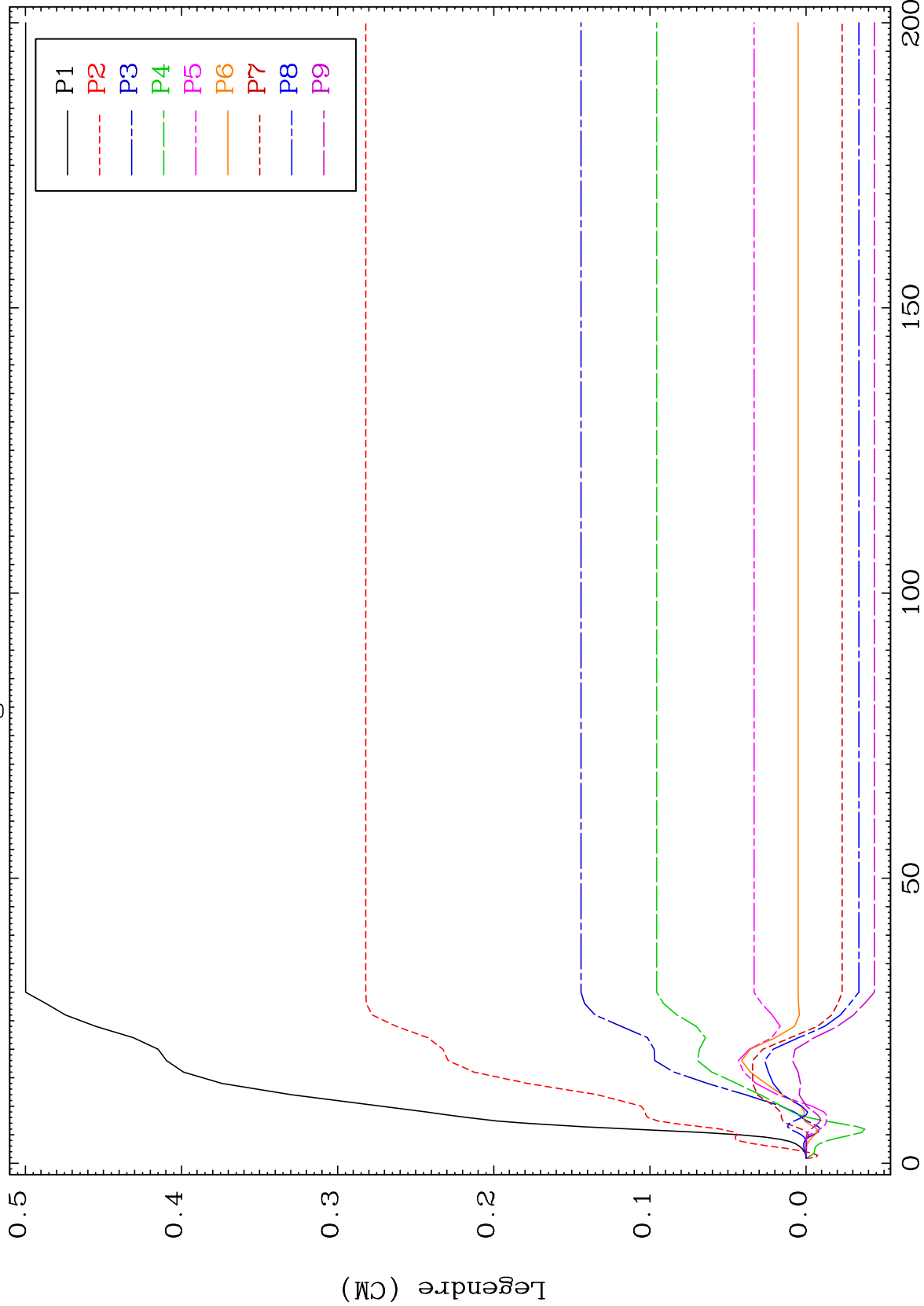
58-Ce-132



MAT 5813

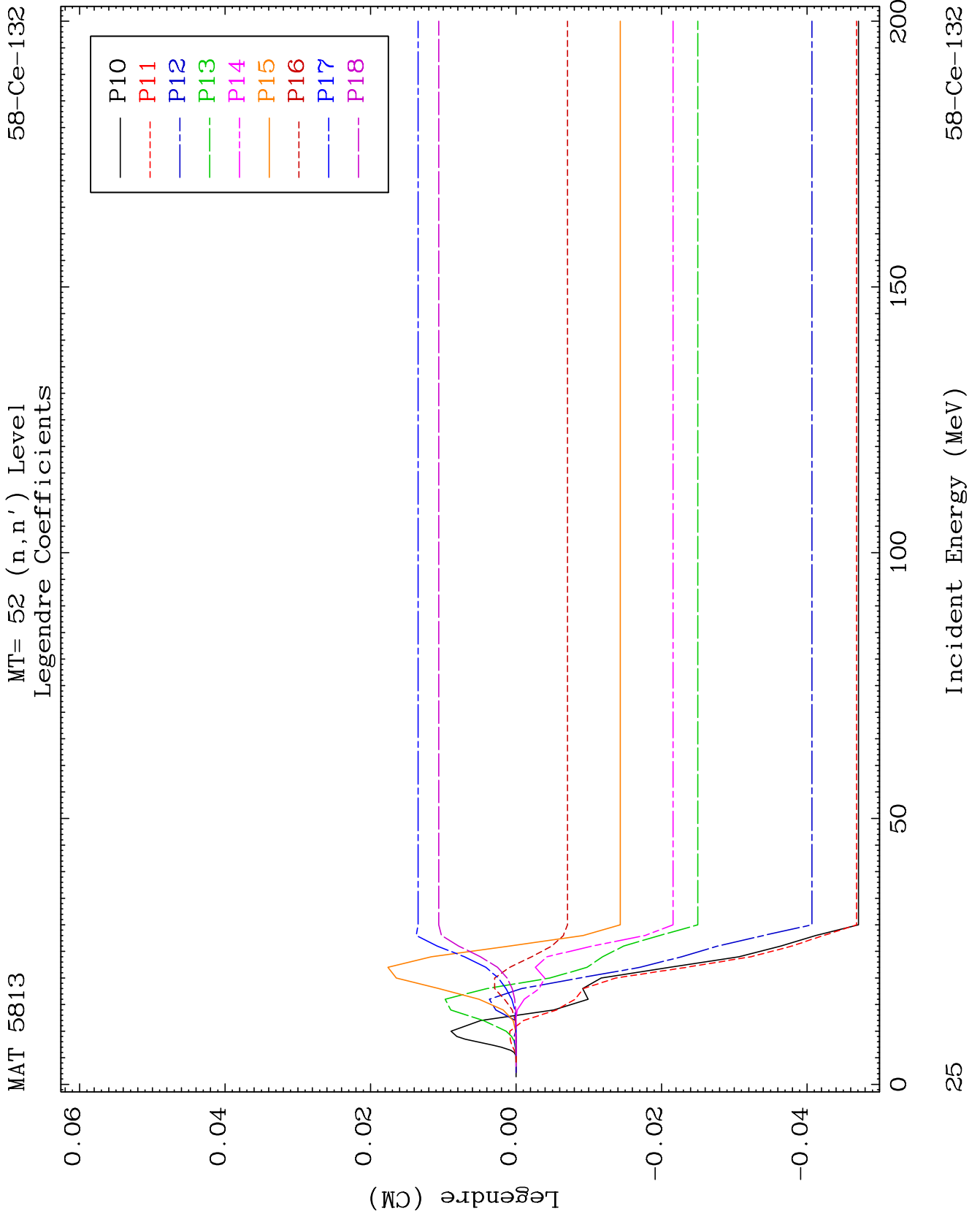
MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-132



24

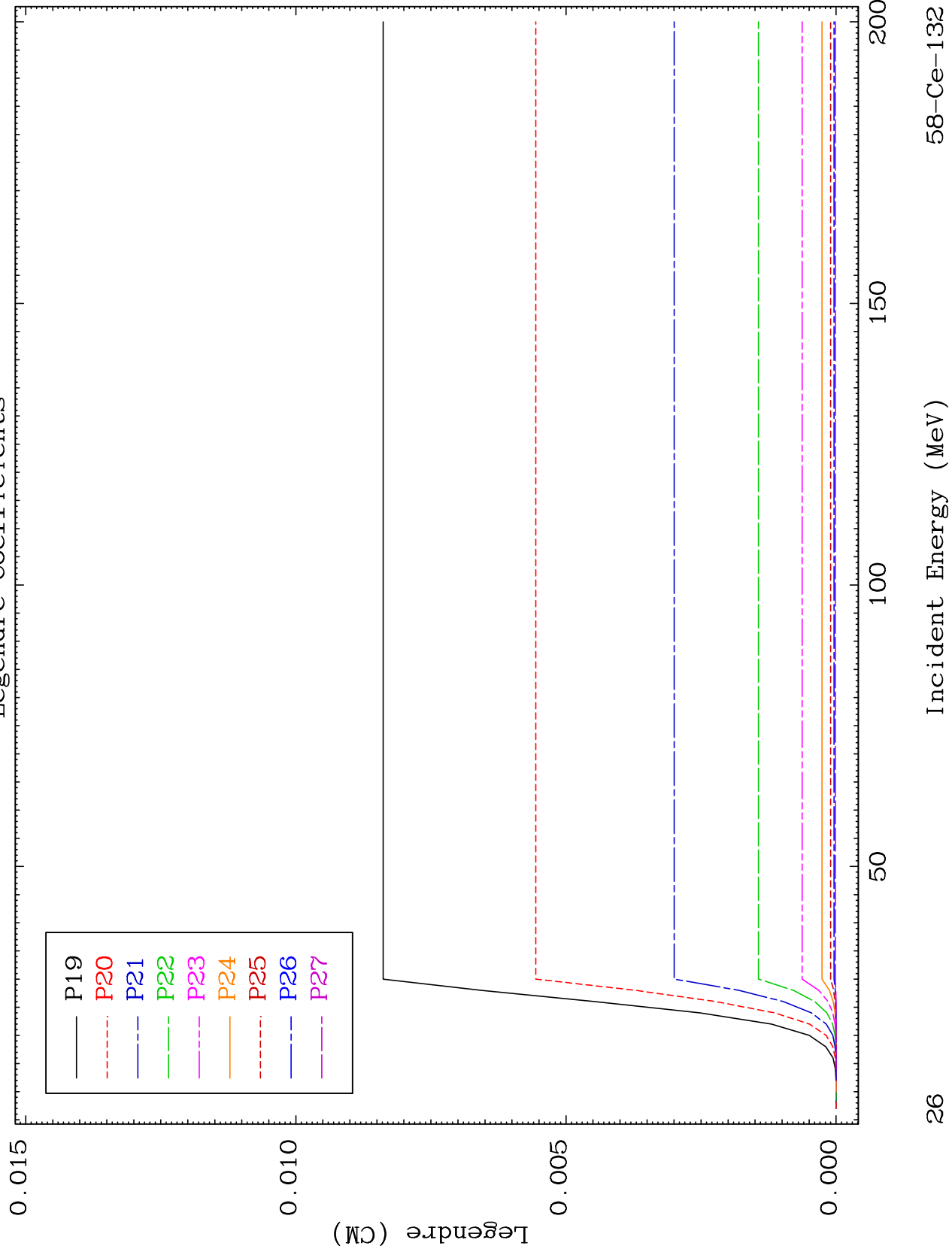
58-Ce-132



MAT 5813

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

58-Ce-132

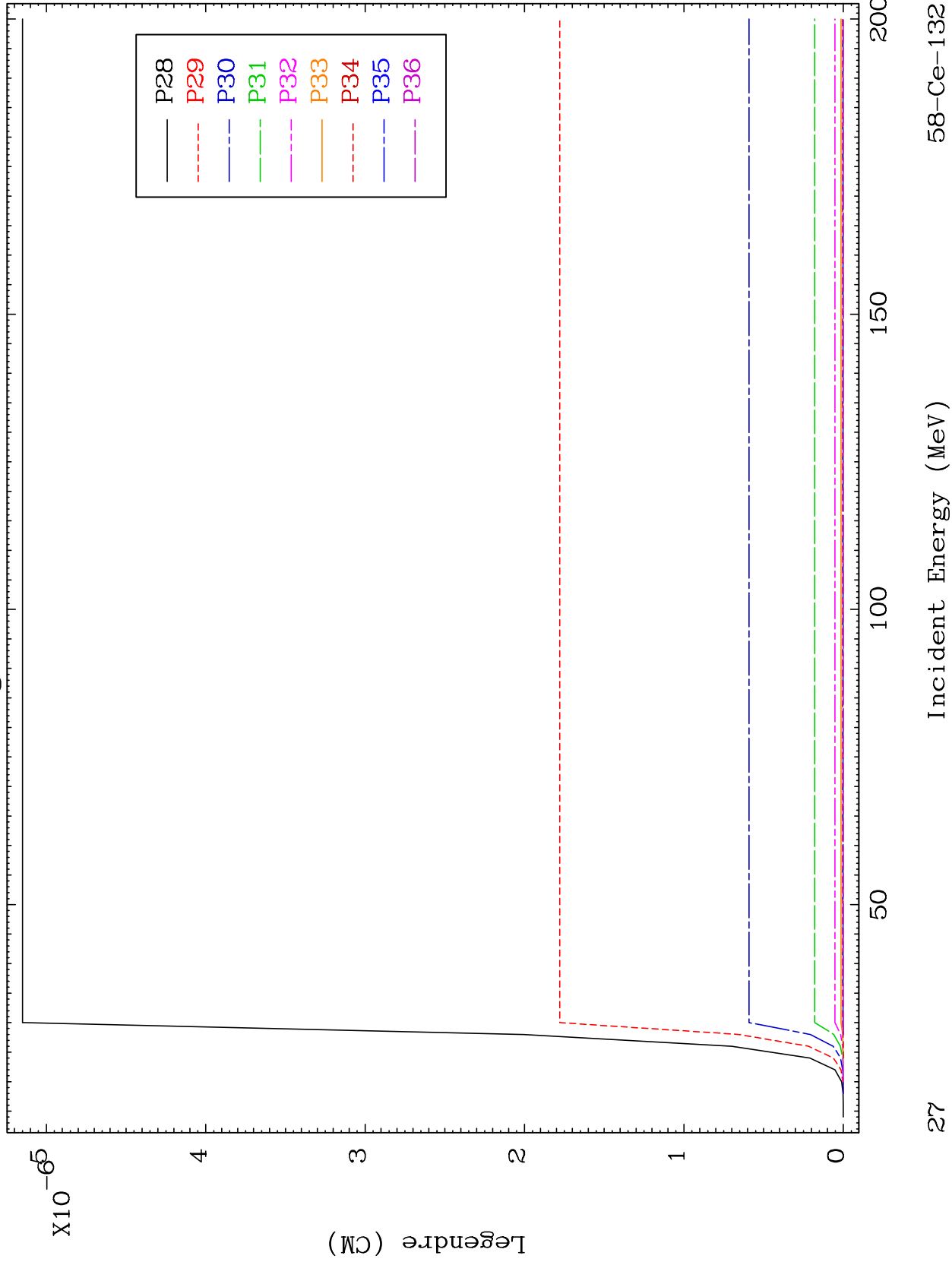


26

MAT 5813

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

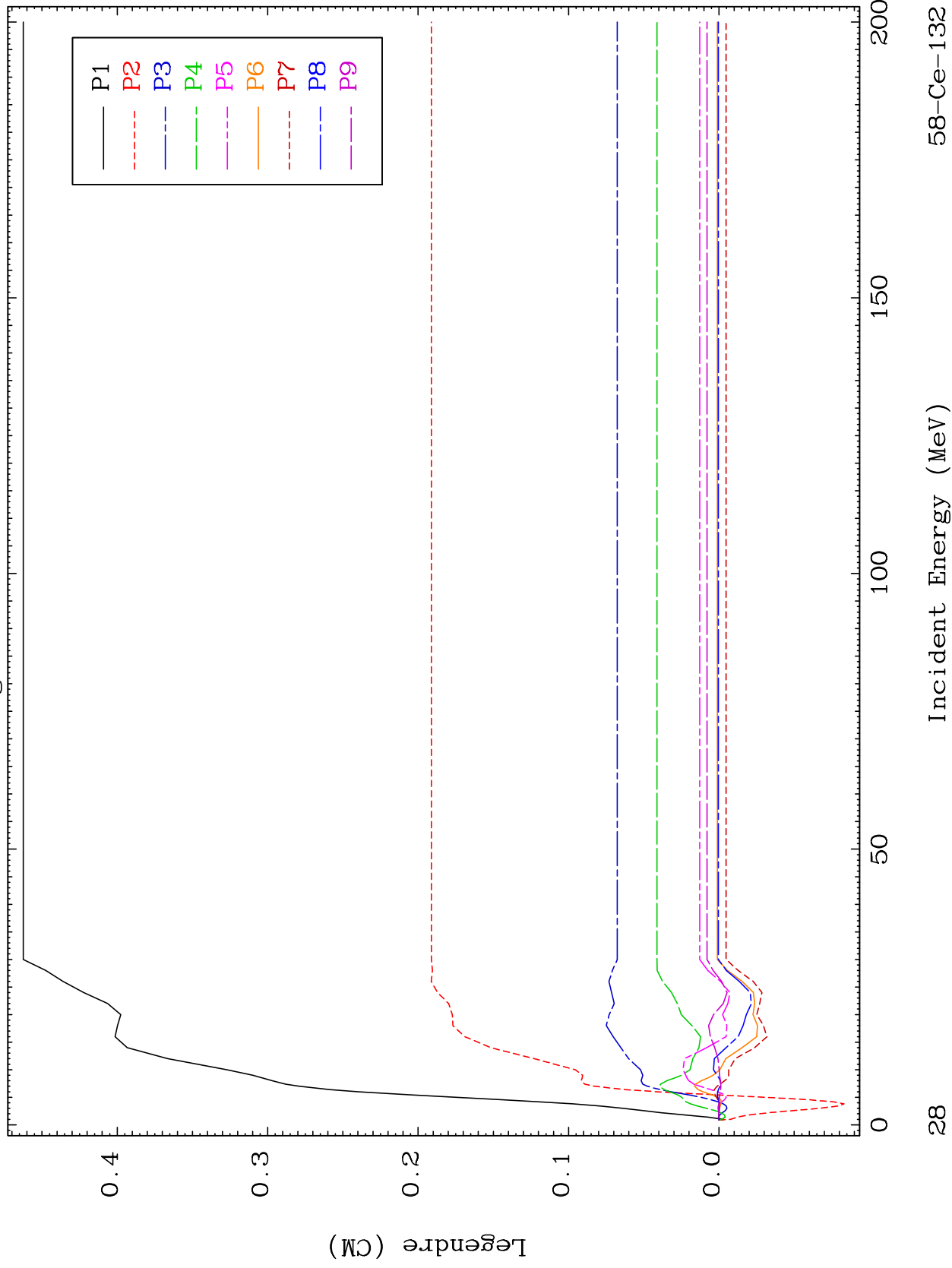
58-Ce-132



MAT 5813

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

58-Ce-132



28

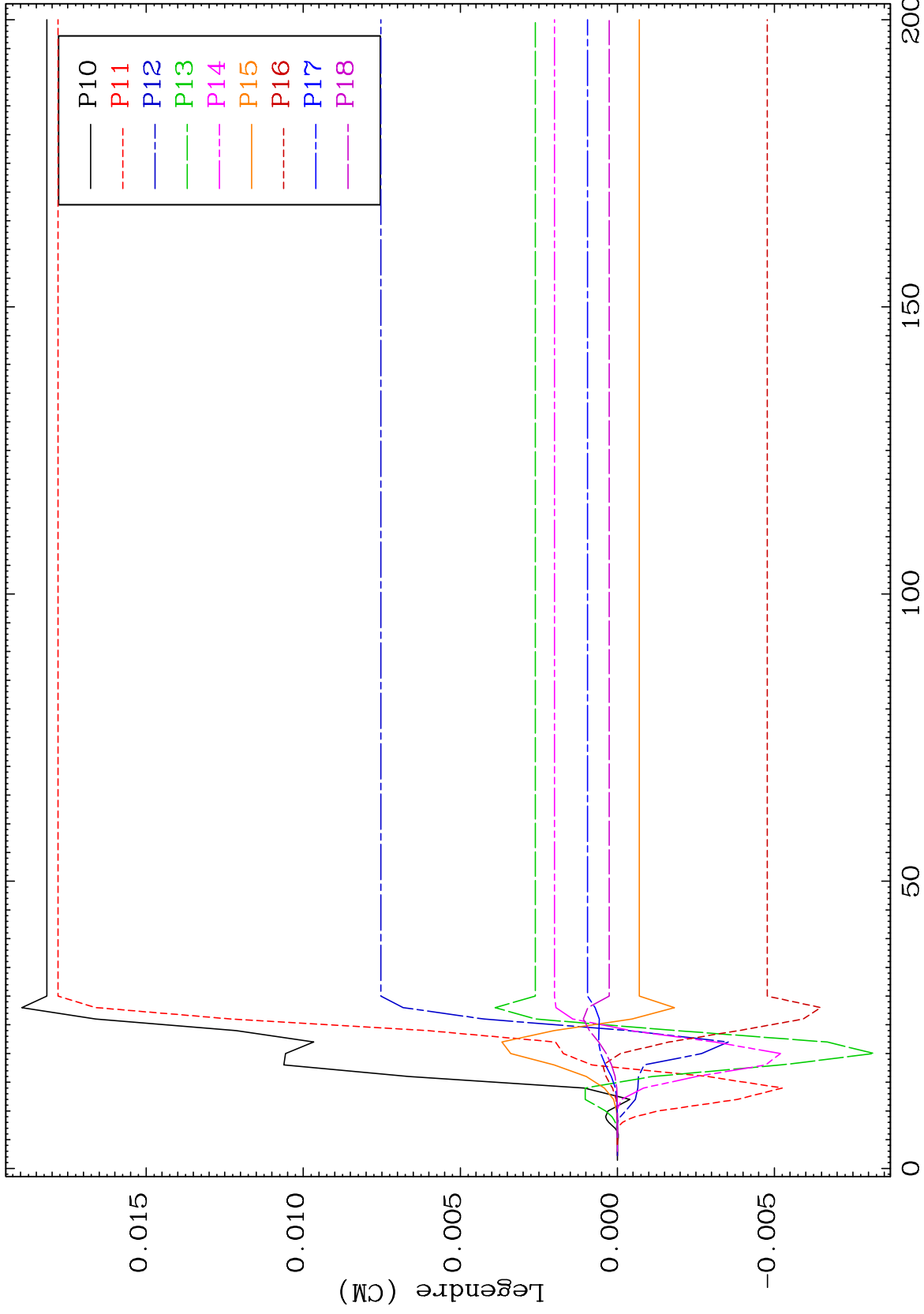
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



29

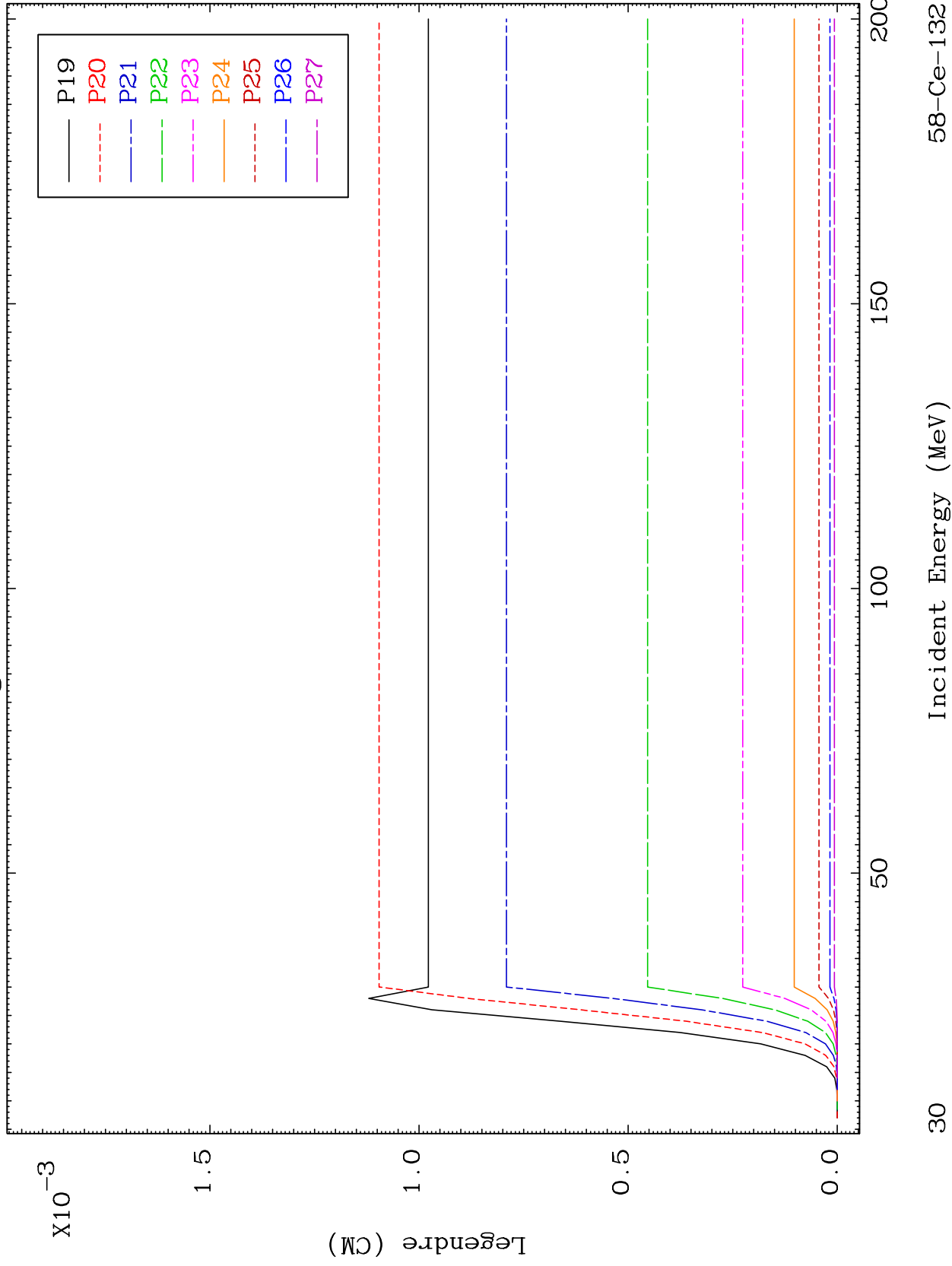
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



58-Ce-132

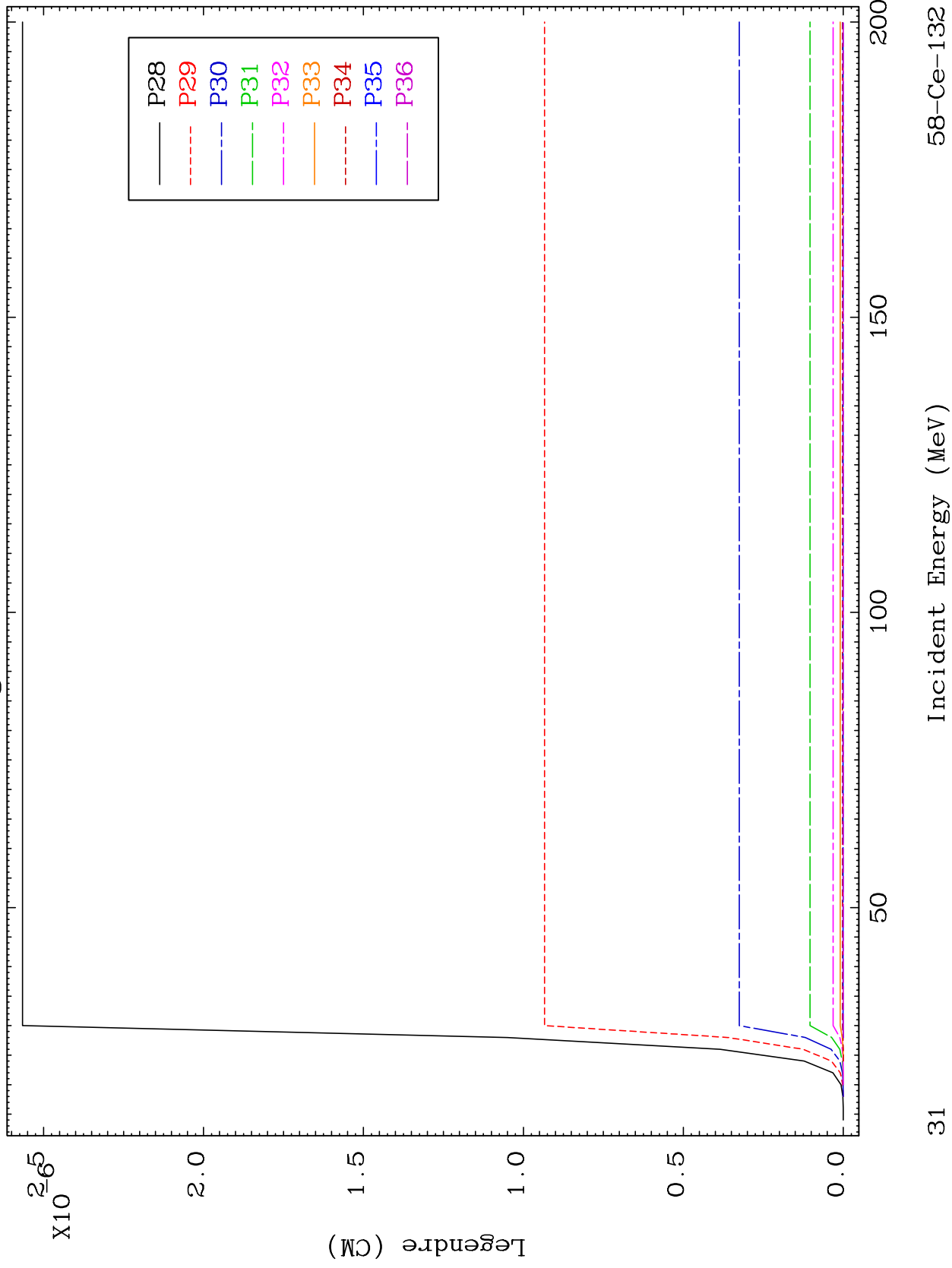
Incident Energy (MeV)

30

MAT 5813

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

58-Ce-132



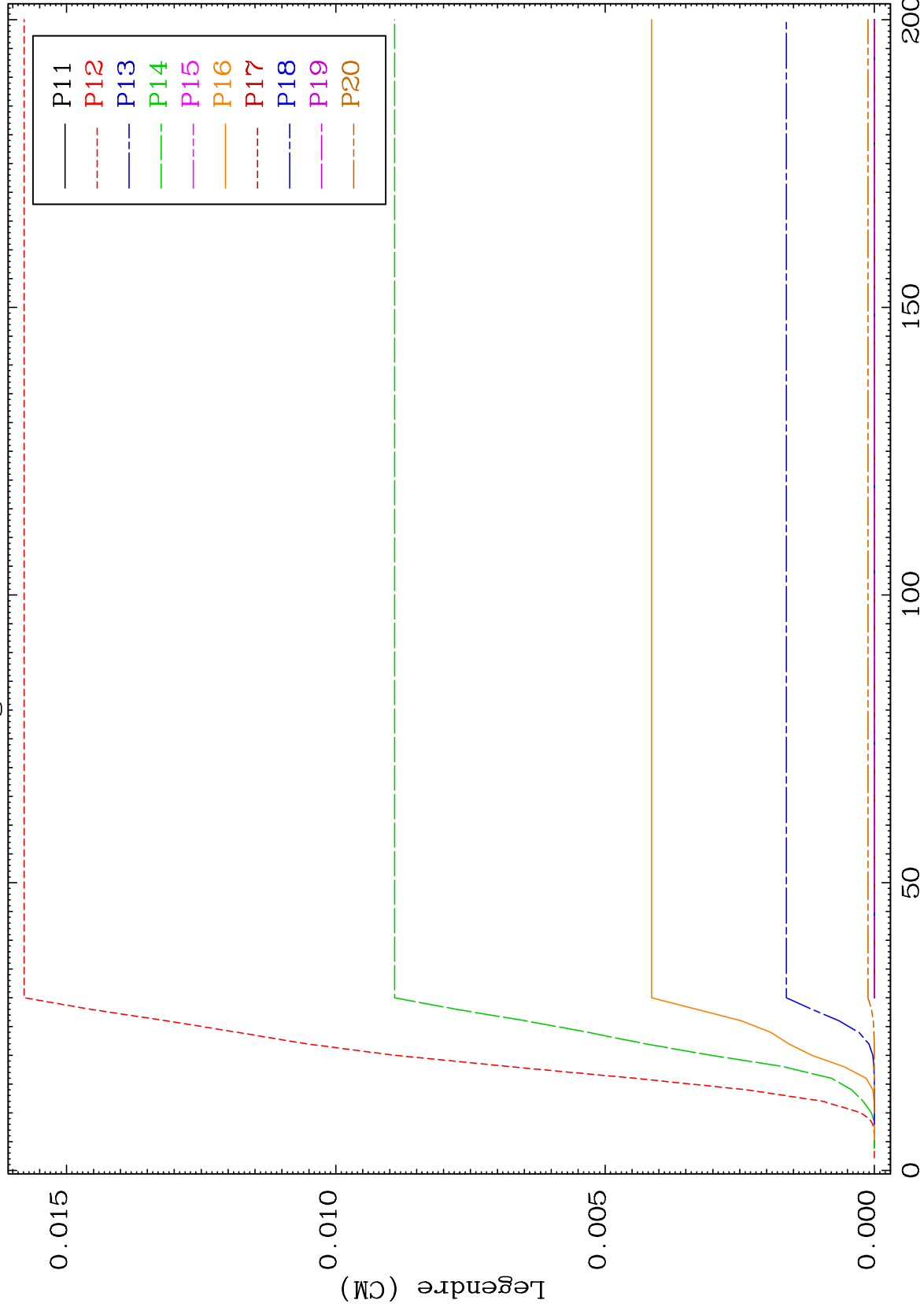
31

58-Ce-132

MAT 5813

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

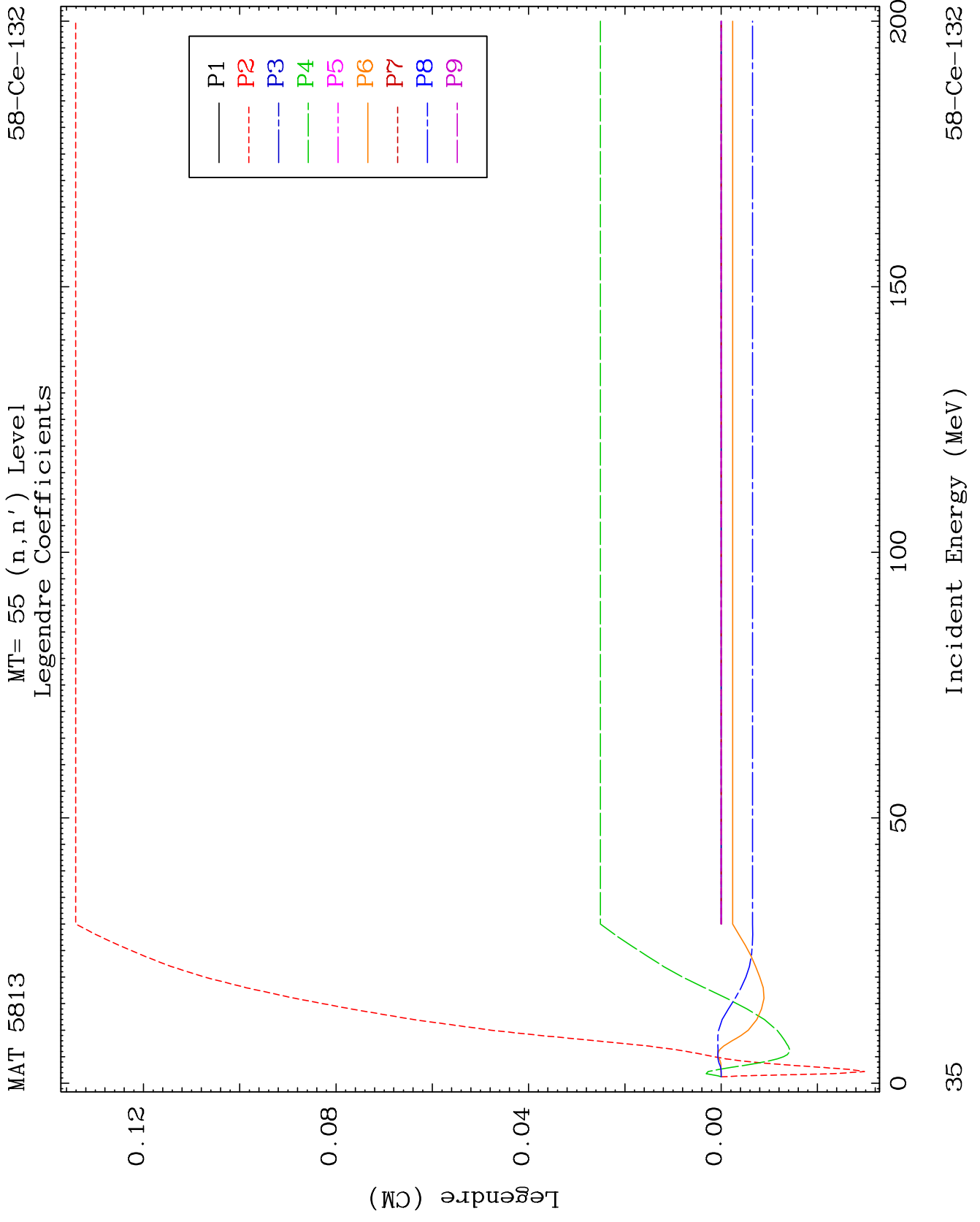
58-Ce-132



33

Incident Energy (MeV)

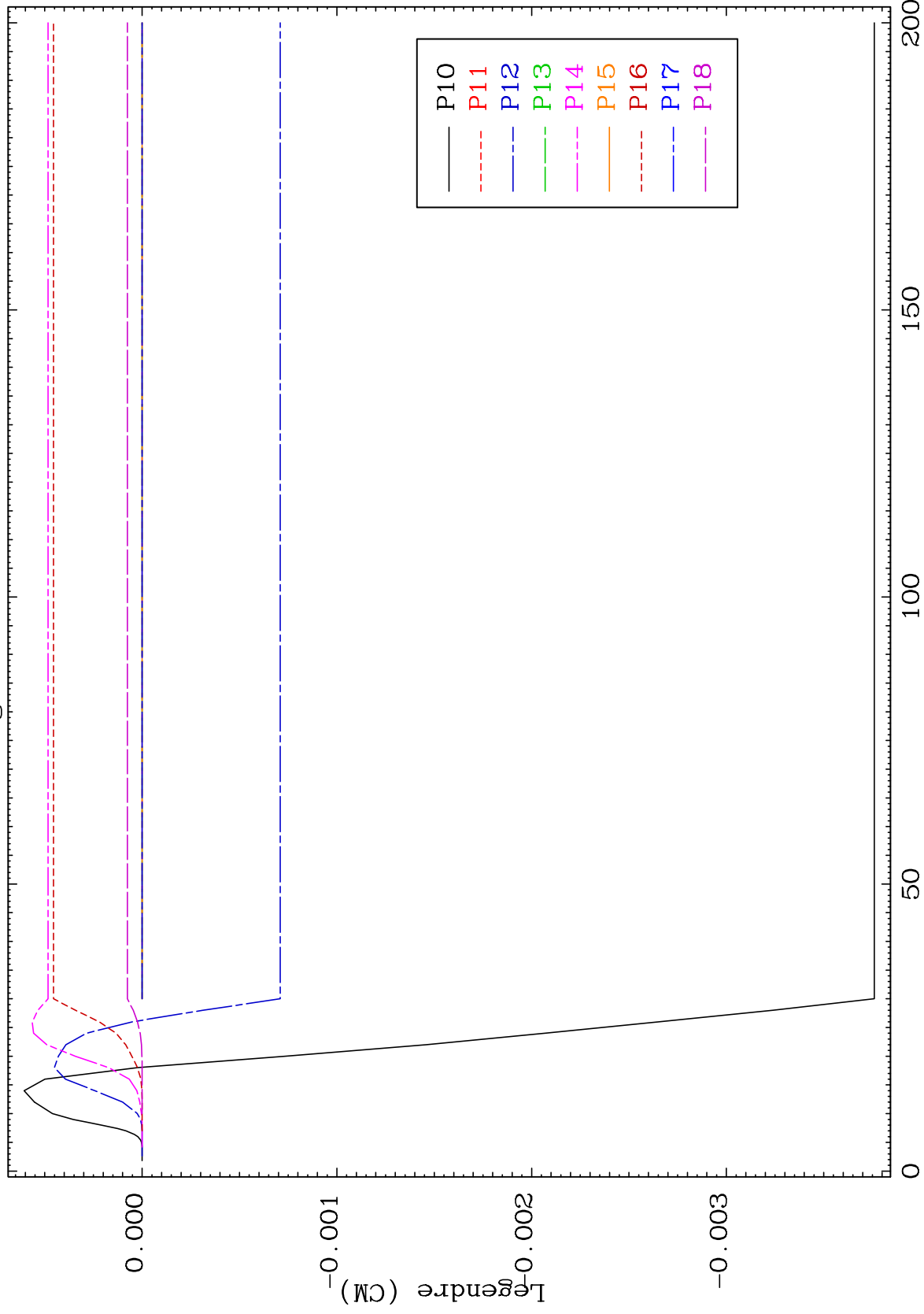
58-Ce-132



MAT 5813

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

58-Ce-132



36

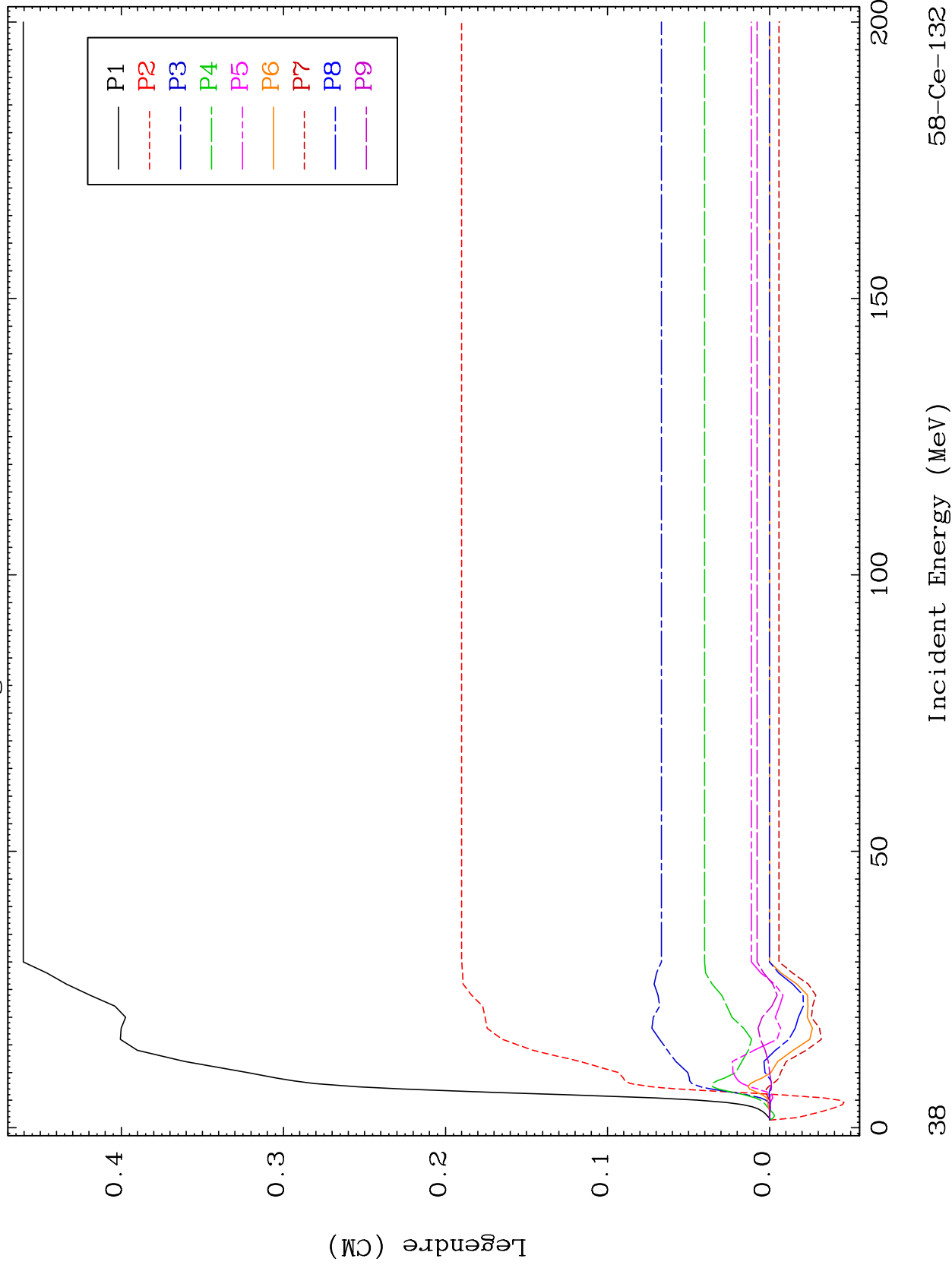
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



58-Ce-132

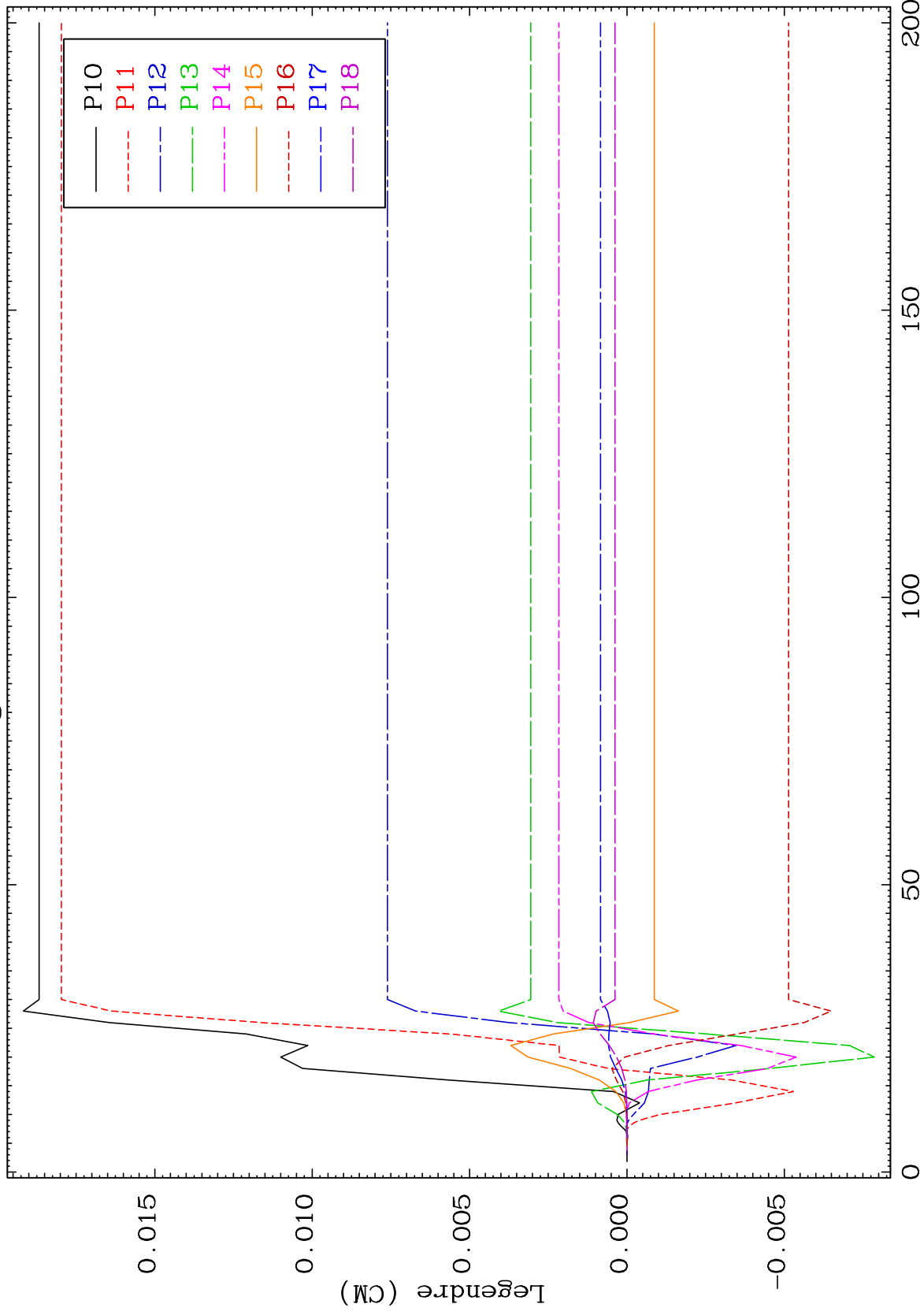
Incident Energy (MeV)

38

MAT 5813

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

58-Ce-132



39

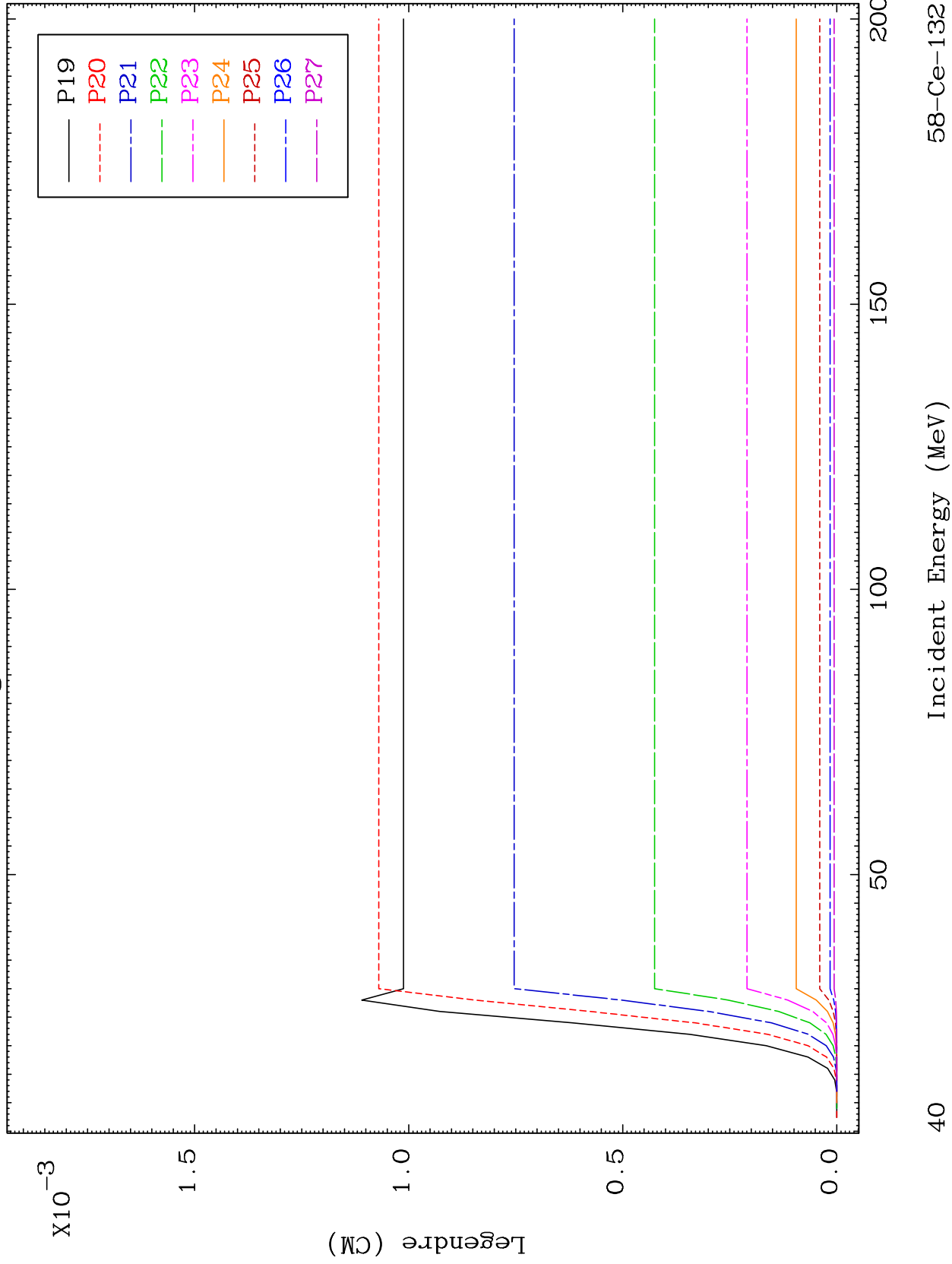
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

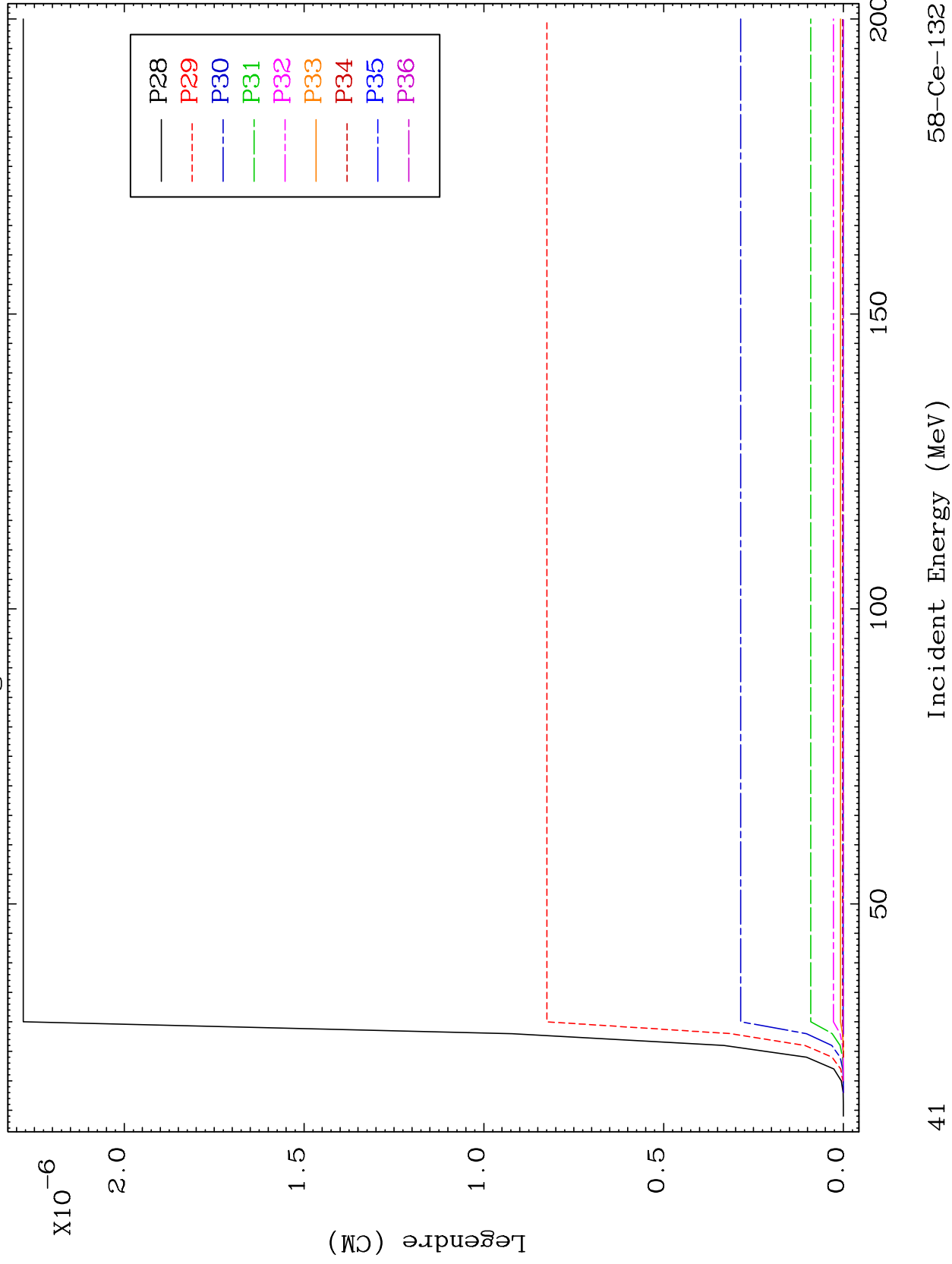
58-Ce-132



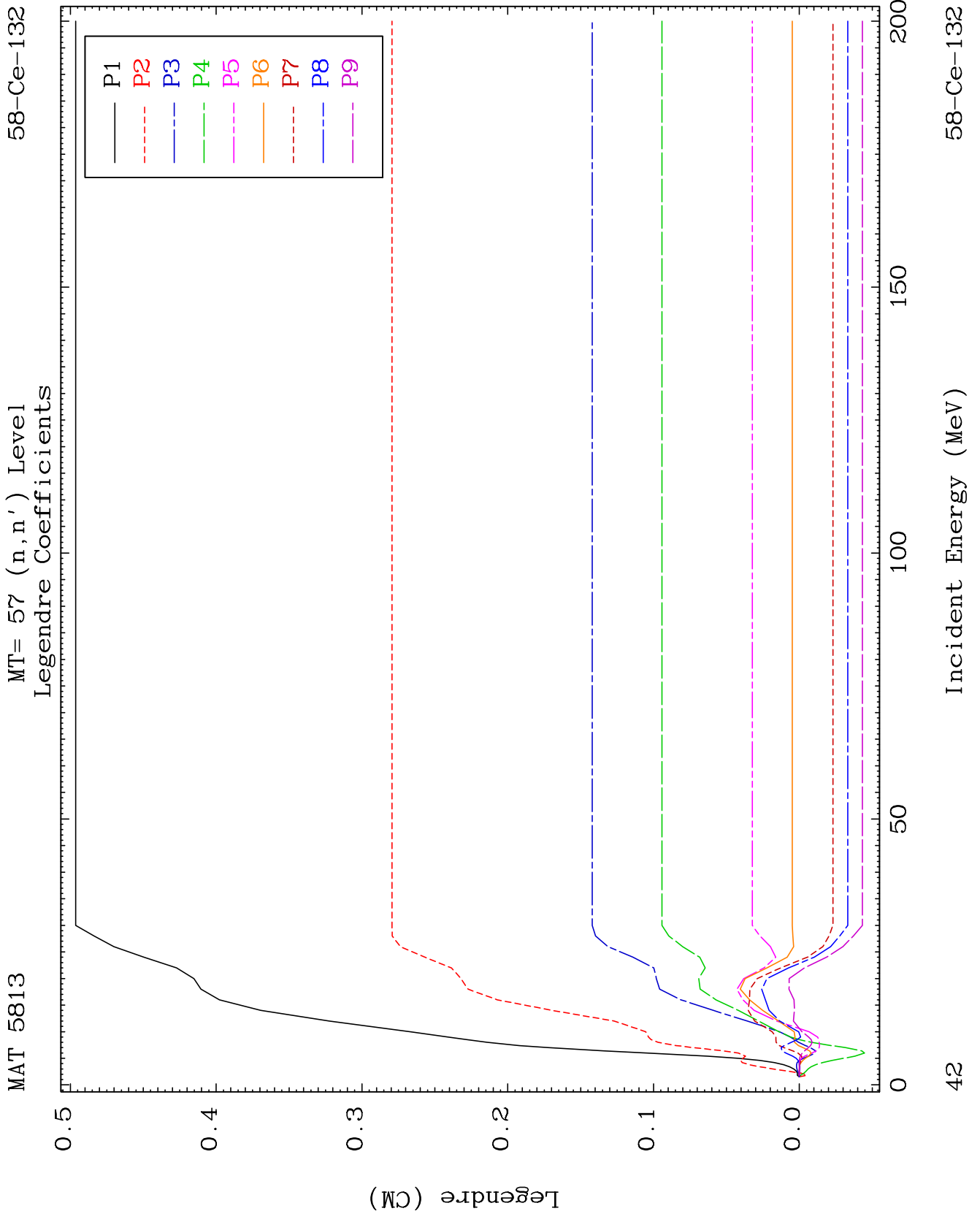
MAT 5813

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

58-Ce-132



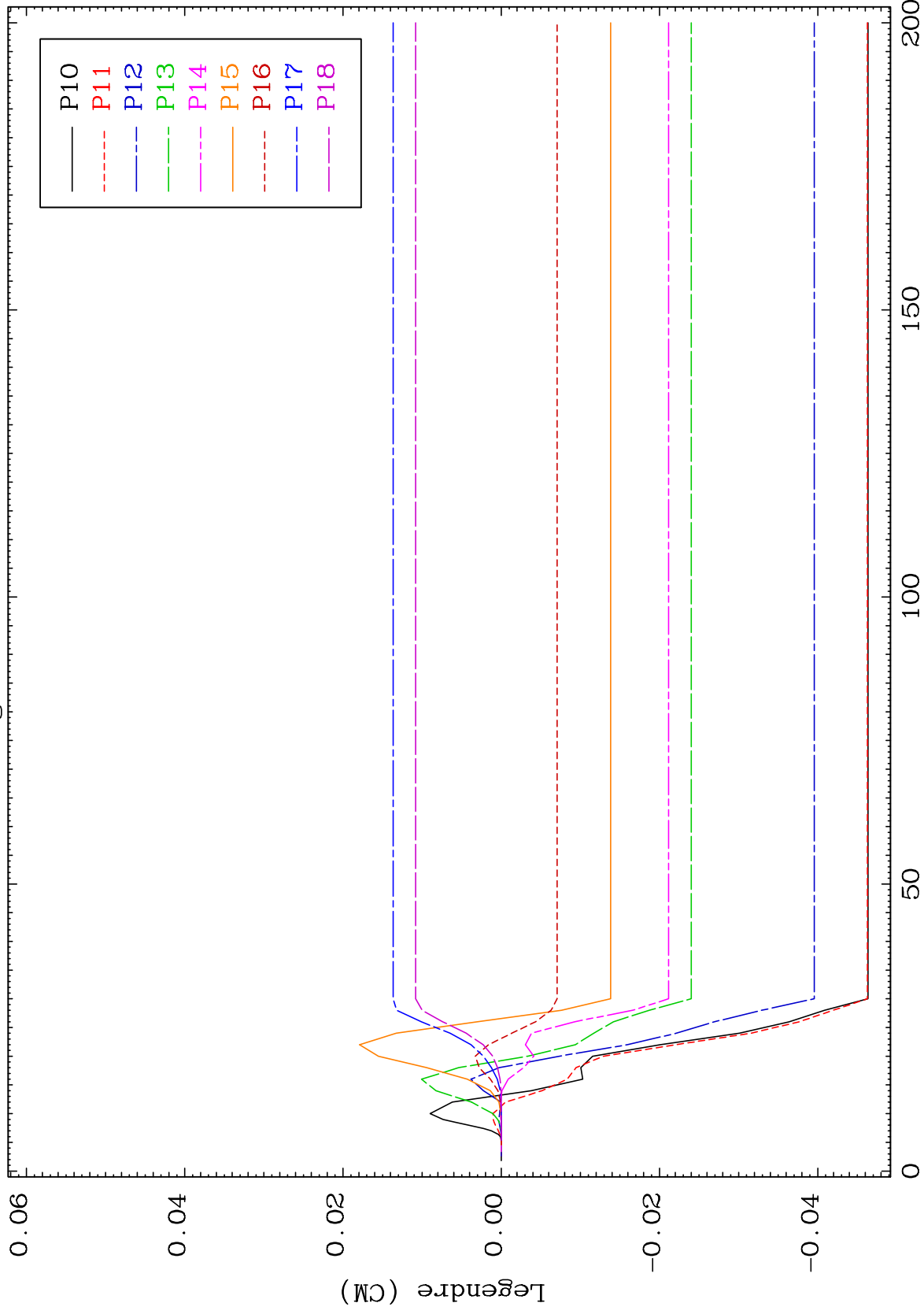
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MAT 5813

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

58-Ce-132



43

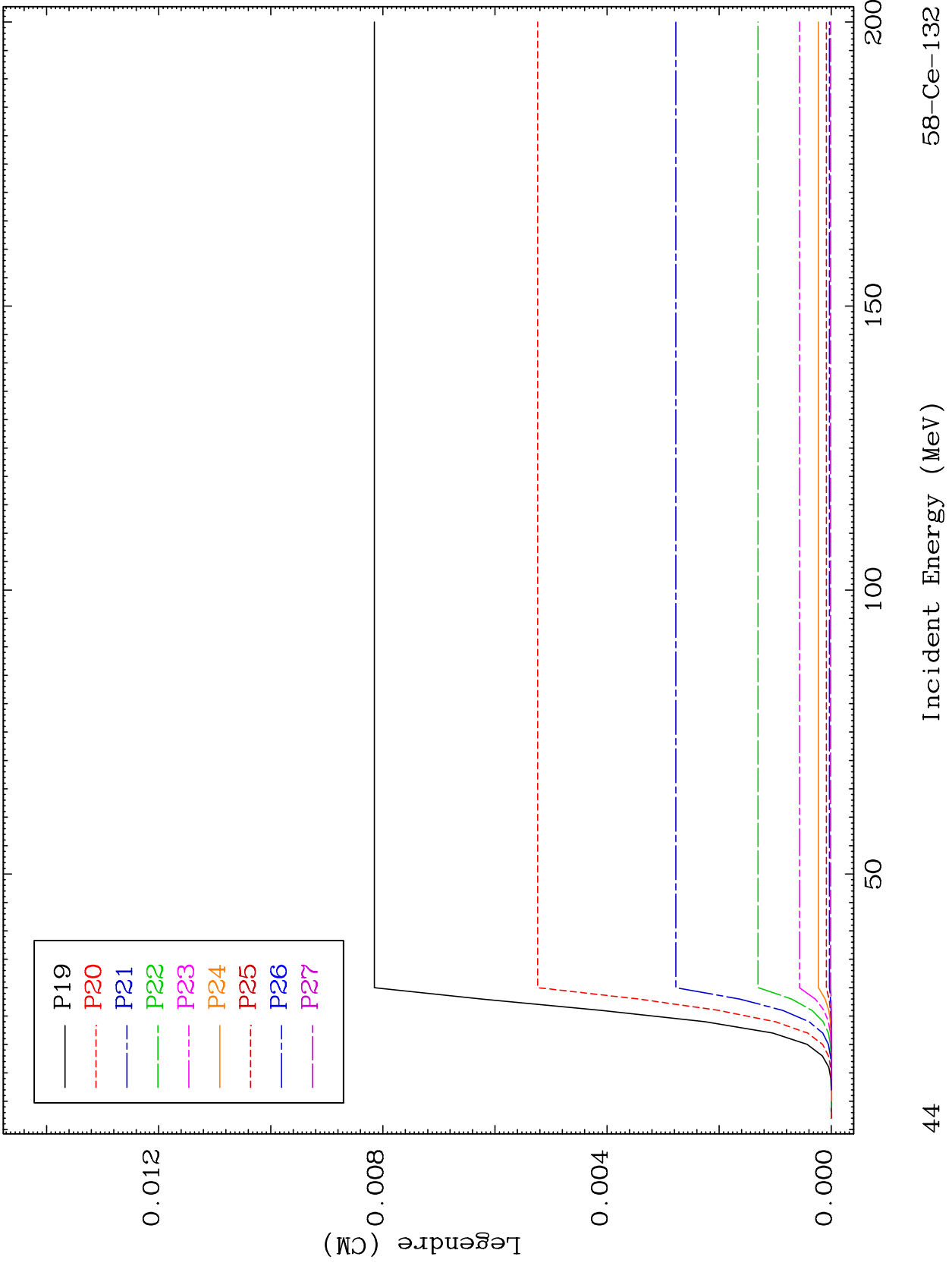
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

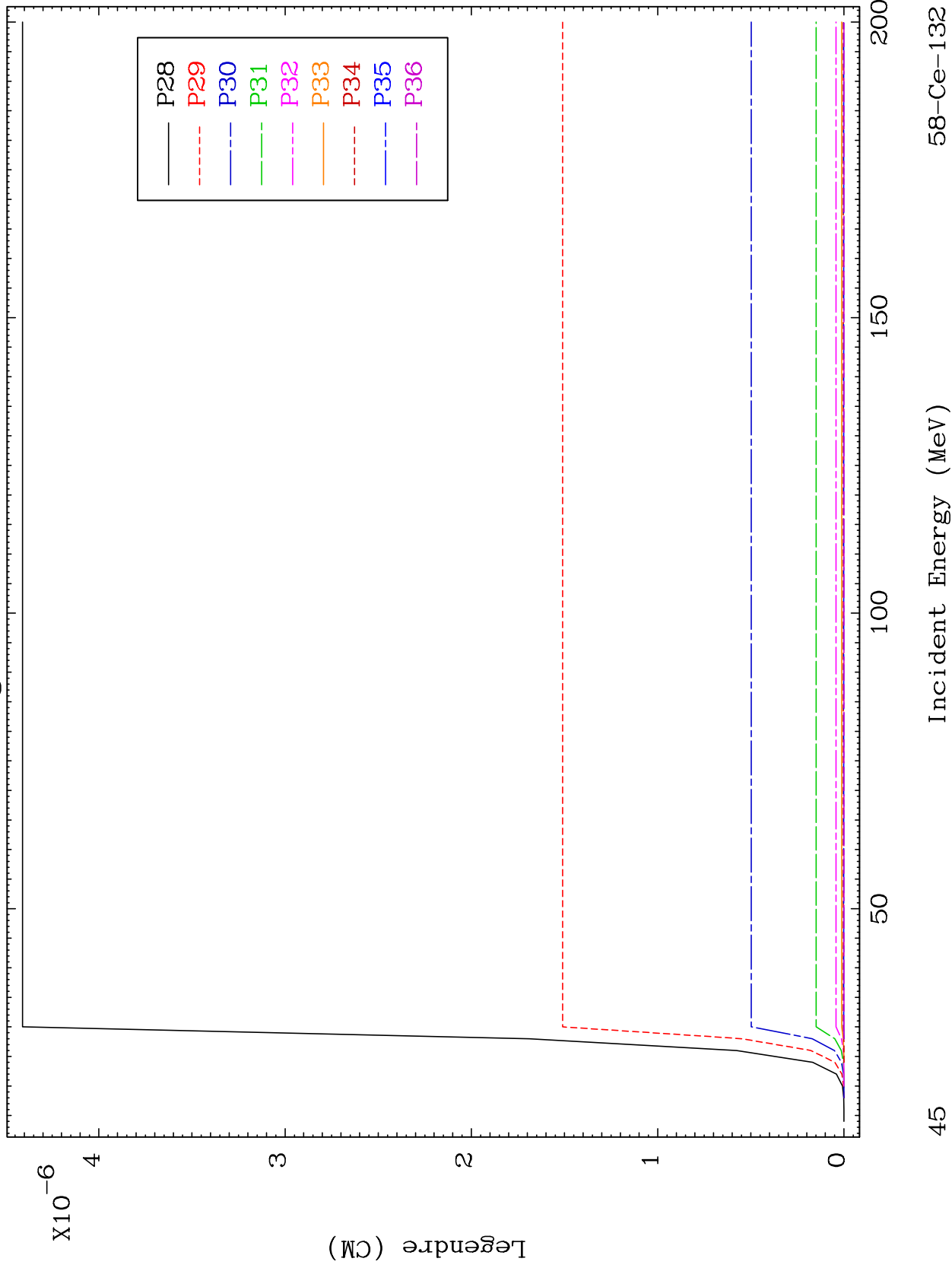
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MAT 5813

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

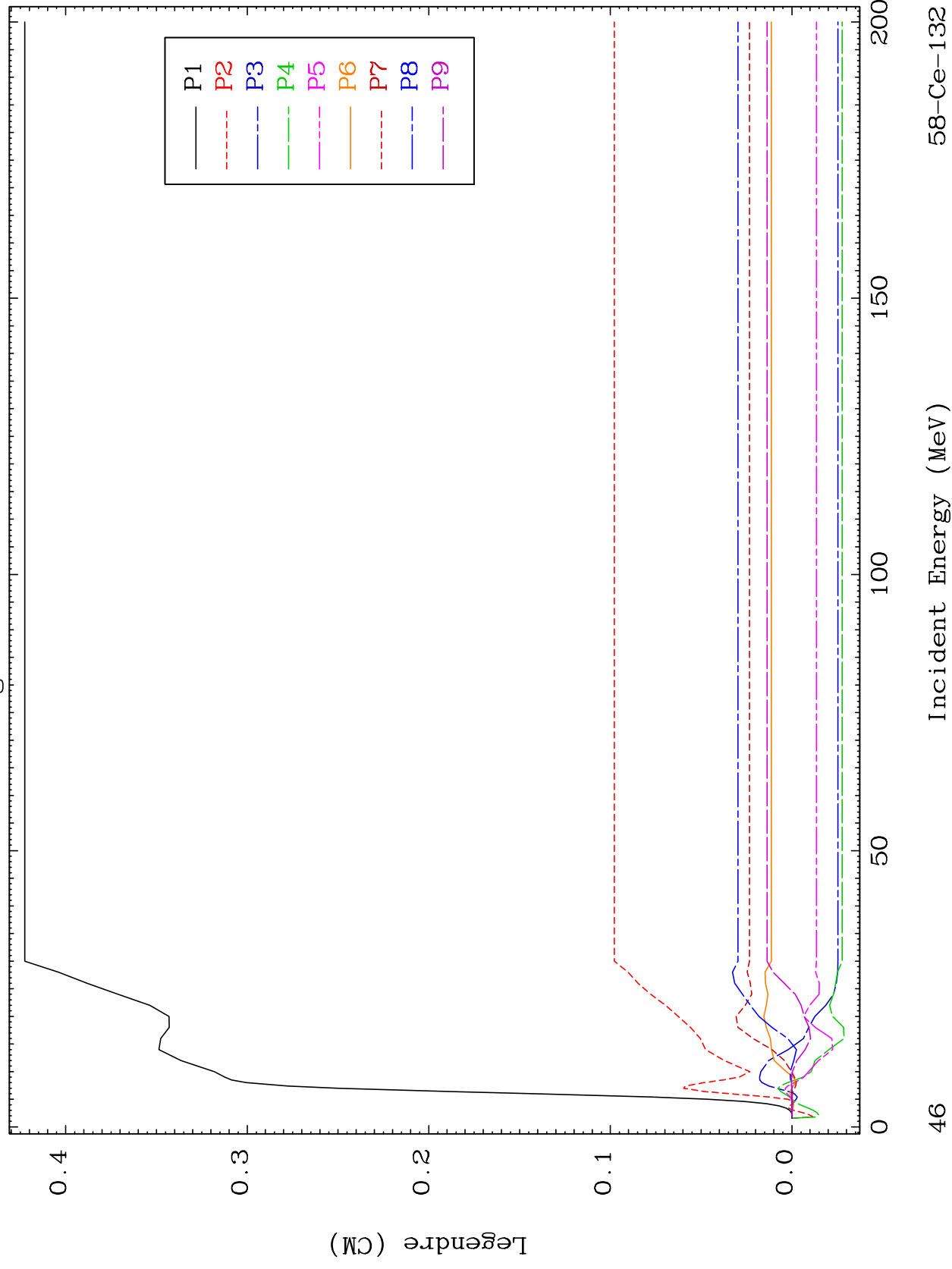
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

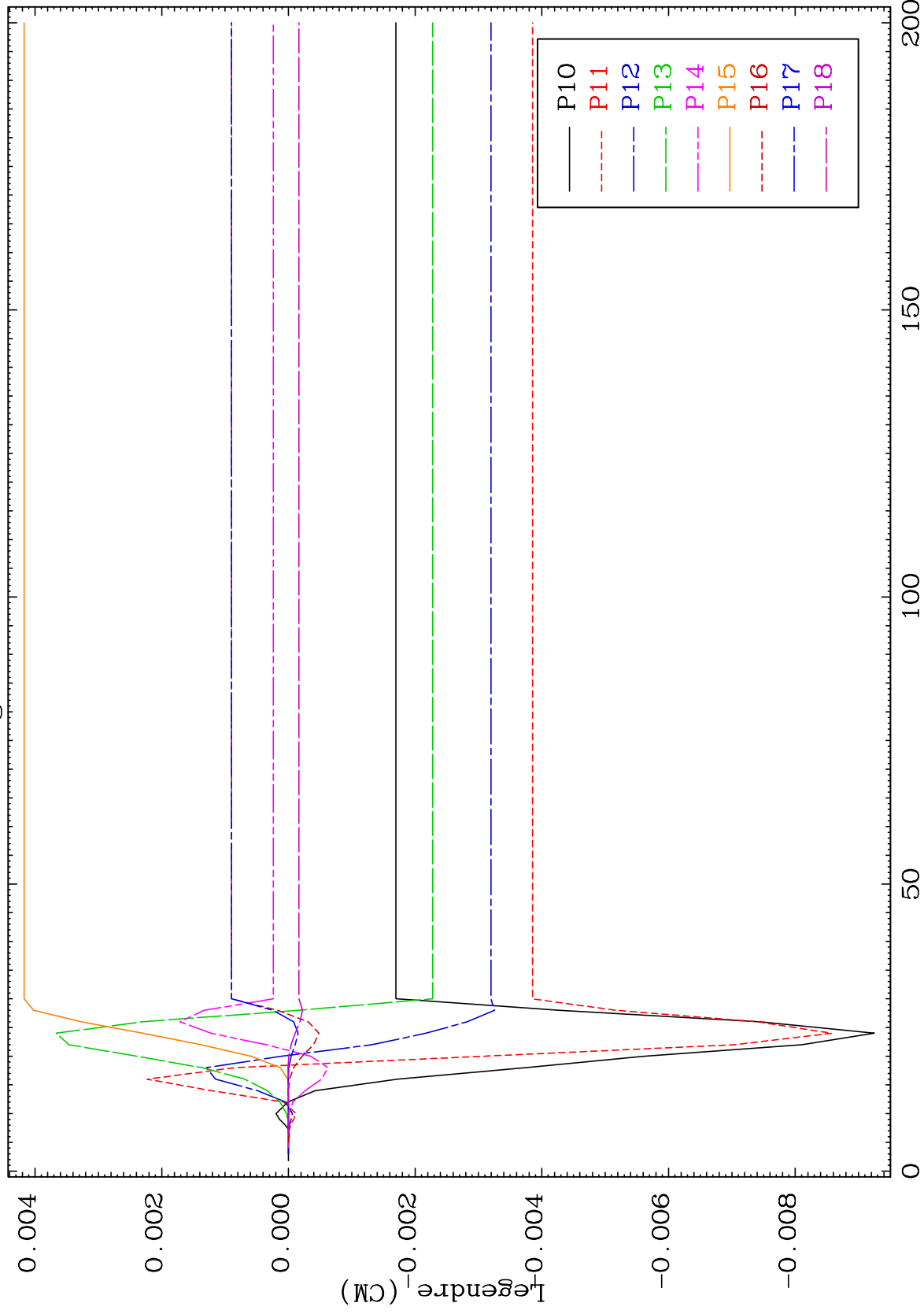
Incident Energy (MeV)

46

MAT 5813

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

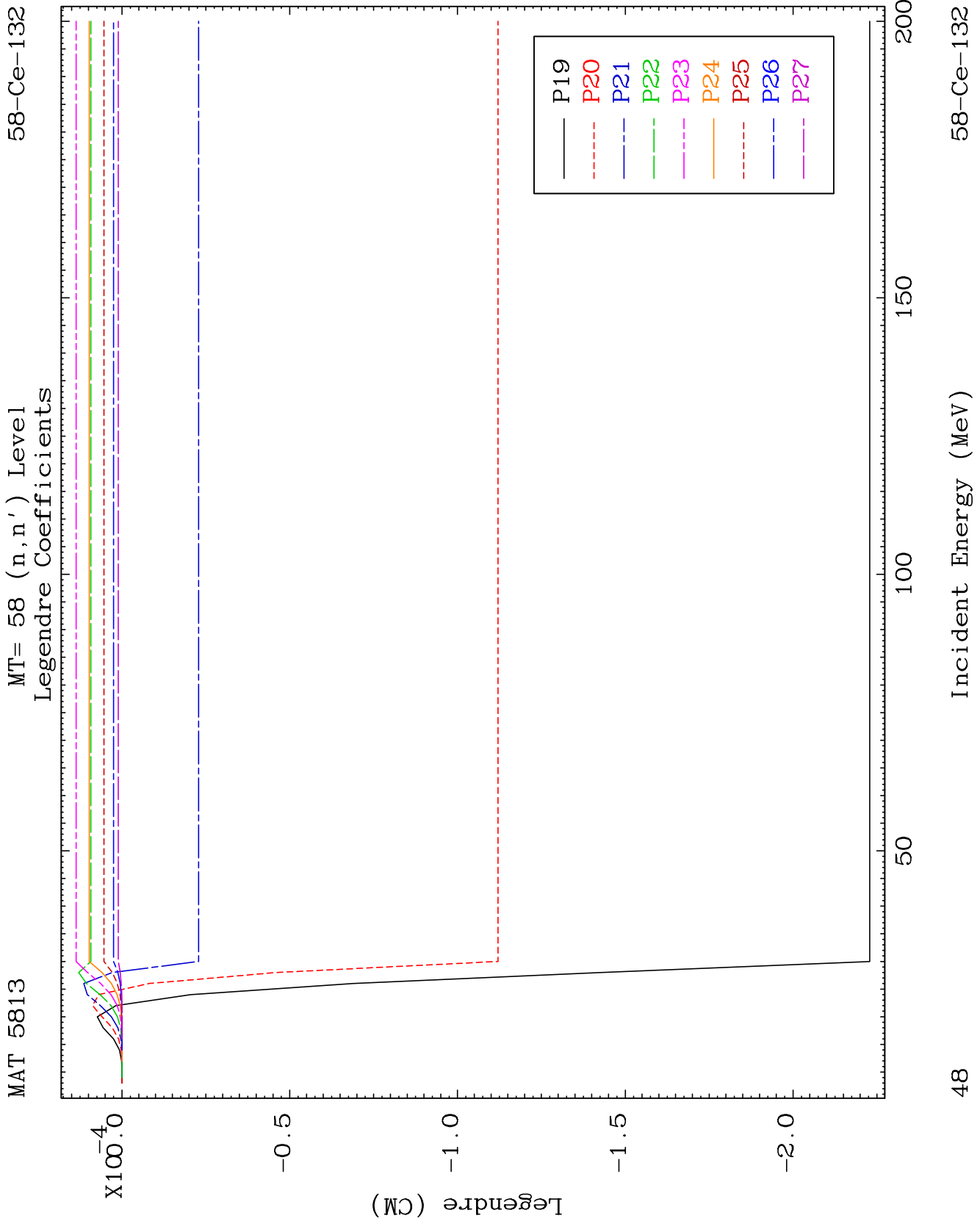
58-Ce-132



47

Incident Energy (MeV)

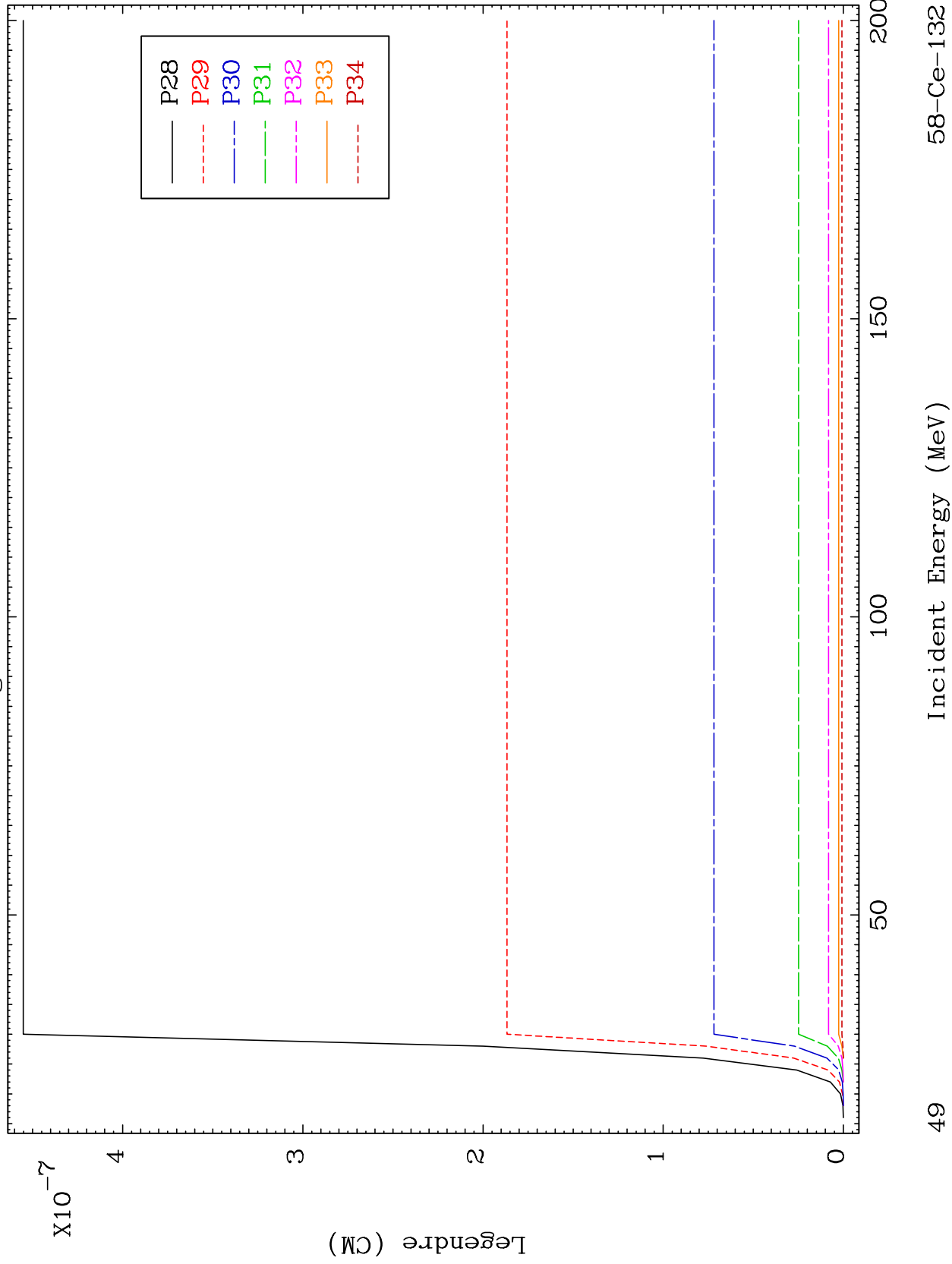
58-Ce-132



MAT 5813

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

58-Ce-132



49

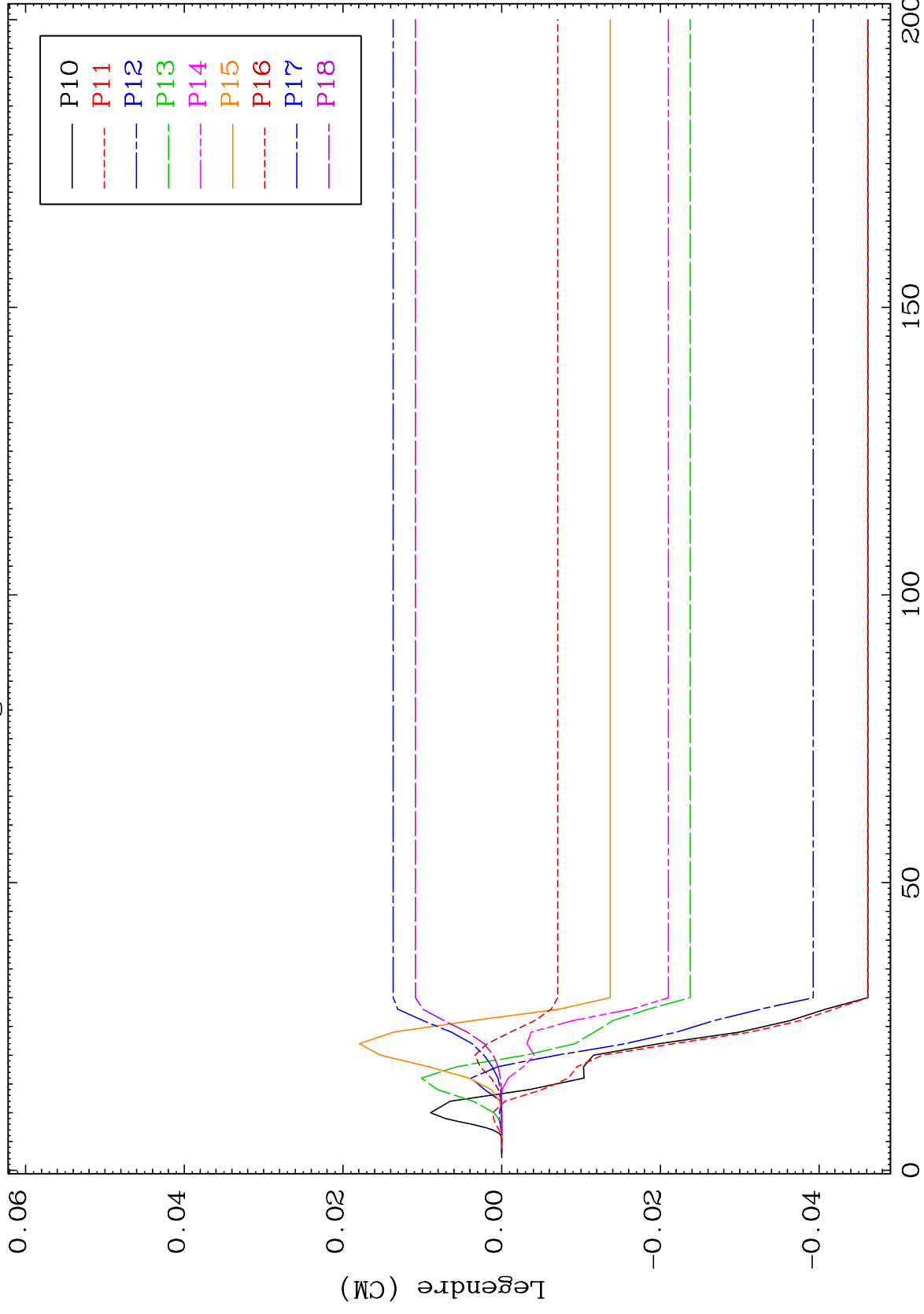
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



51

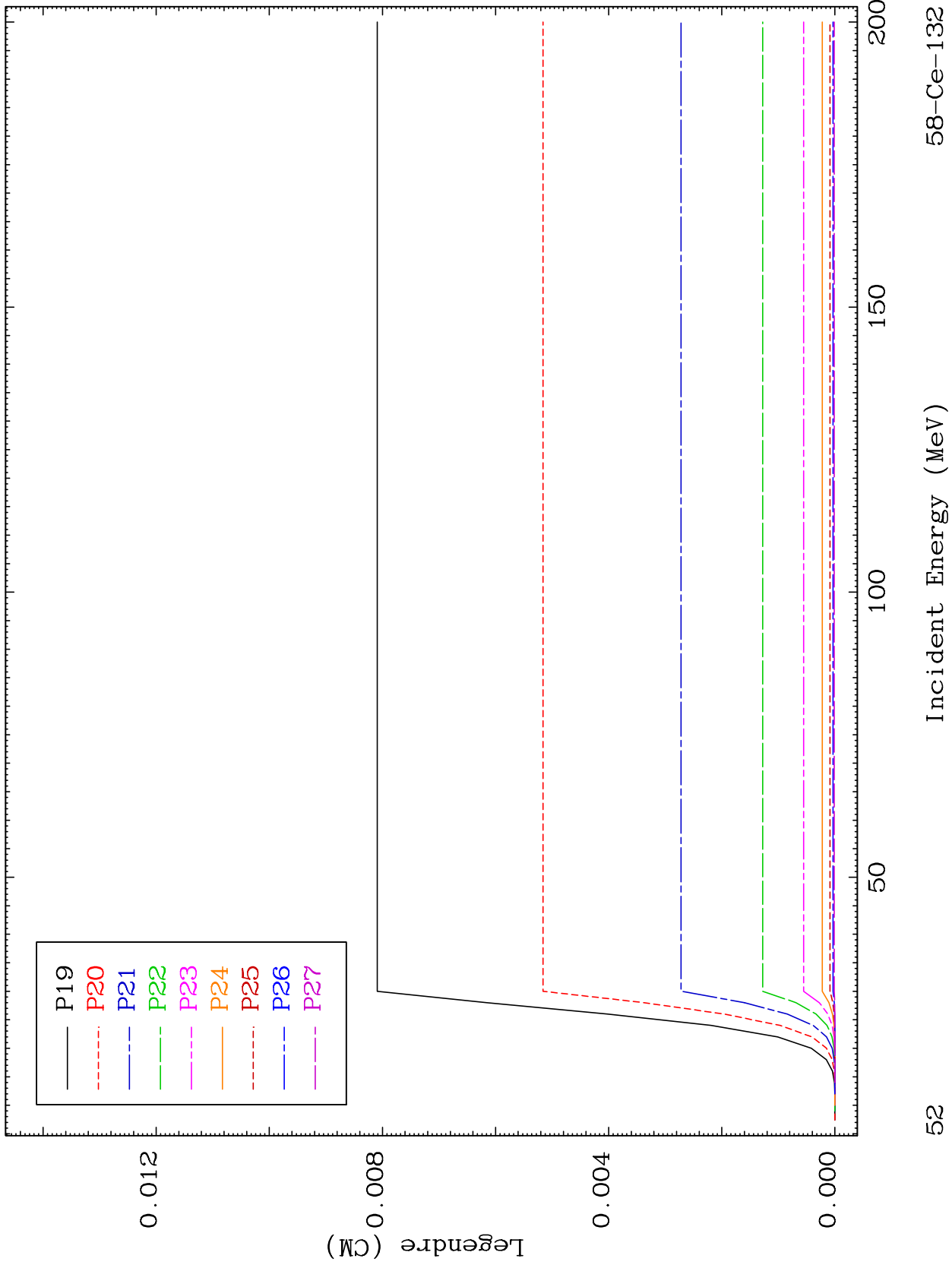
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



52

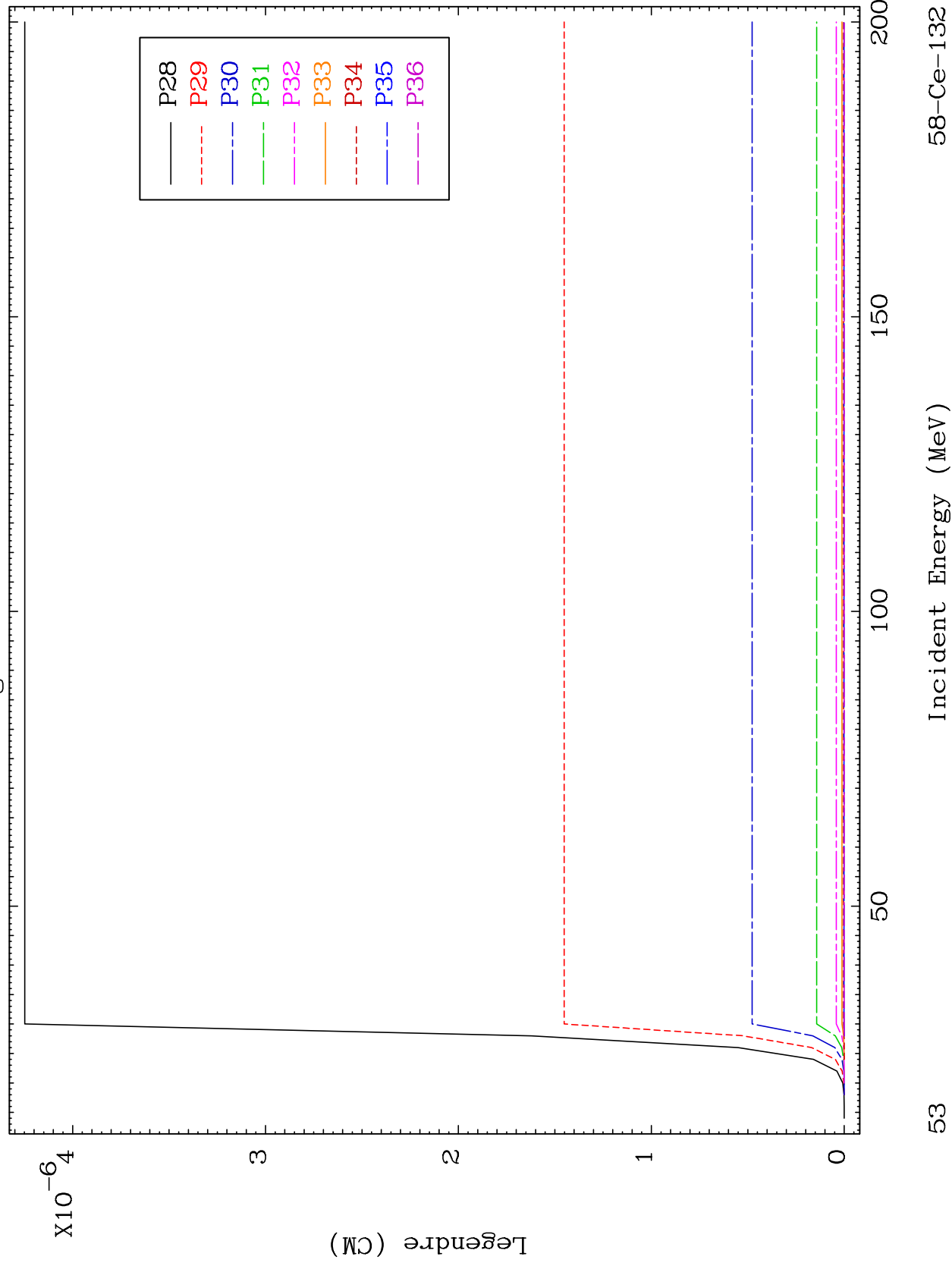
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



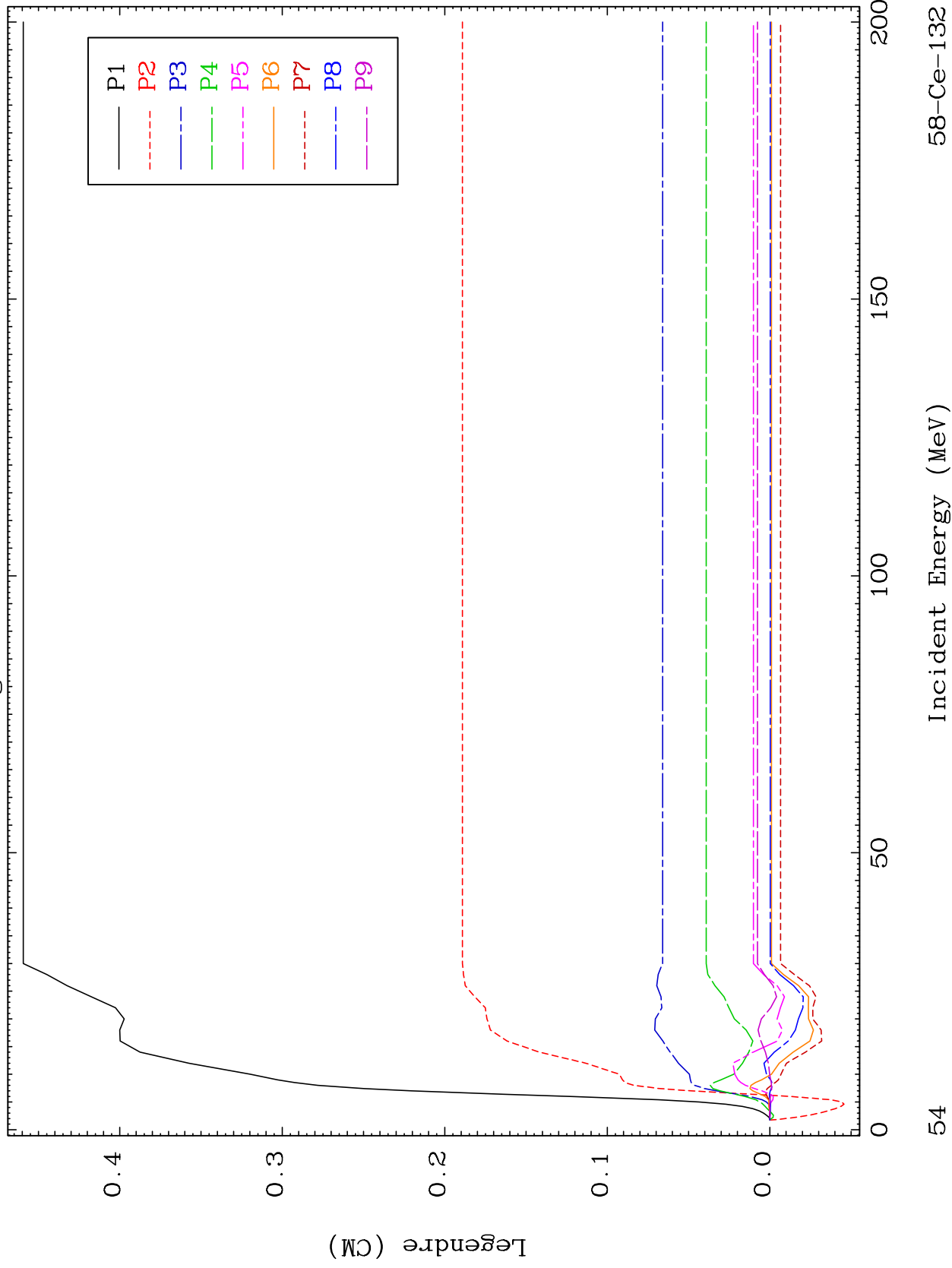
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58-Ce-132

MAT 5813

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

58-Ce-132



58-Ce-132

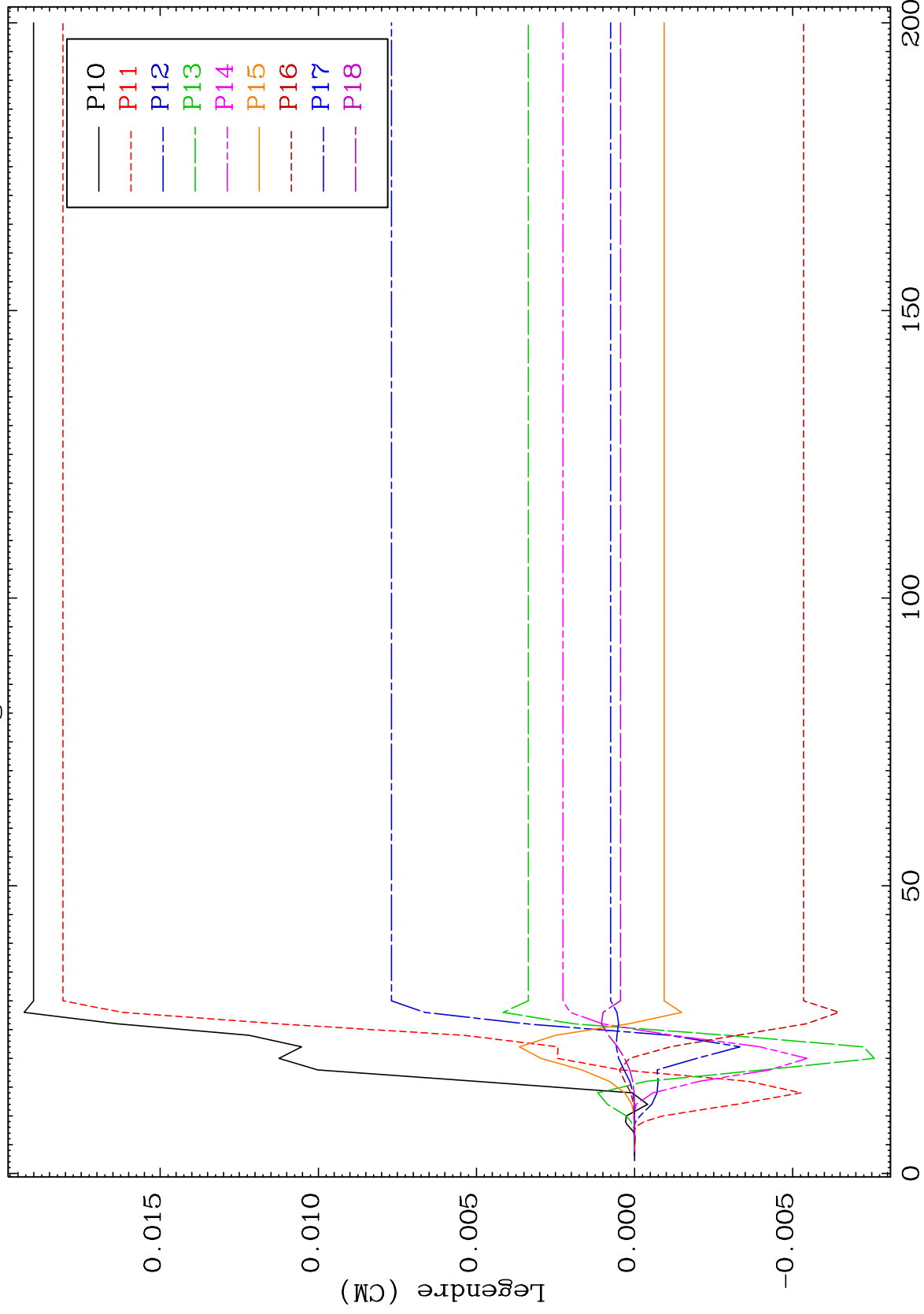
Incident Energy (MeV)

54

MAT 5813

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

58-Ce-132



58-Ce-132

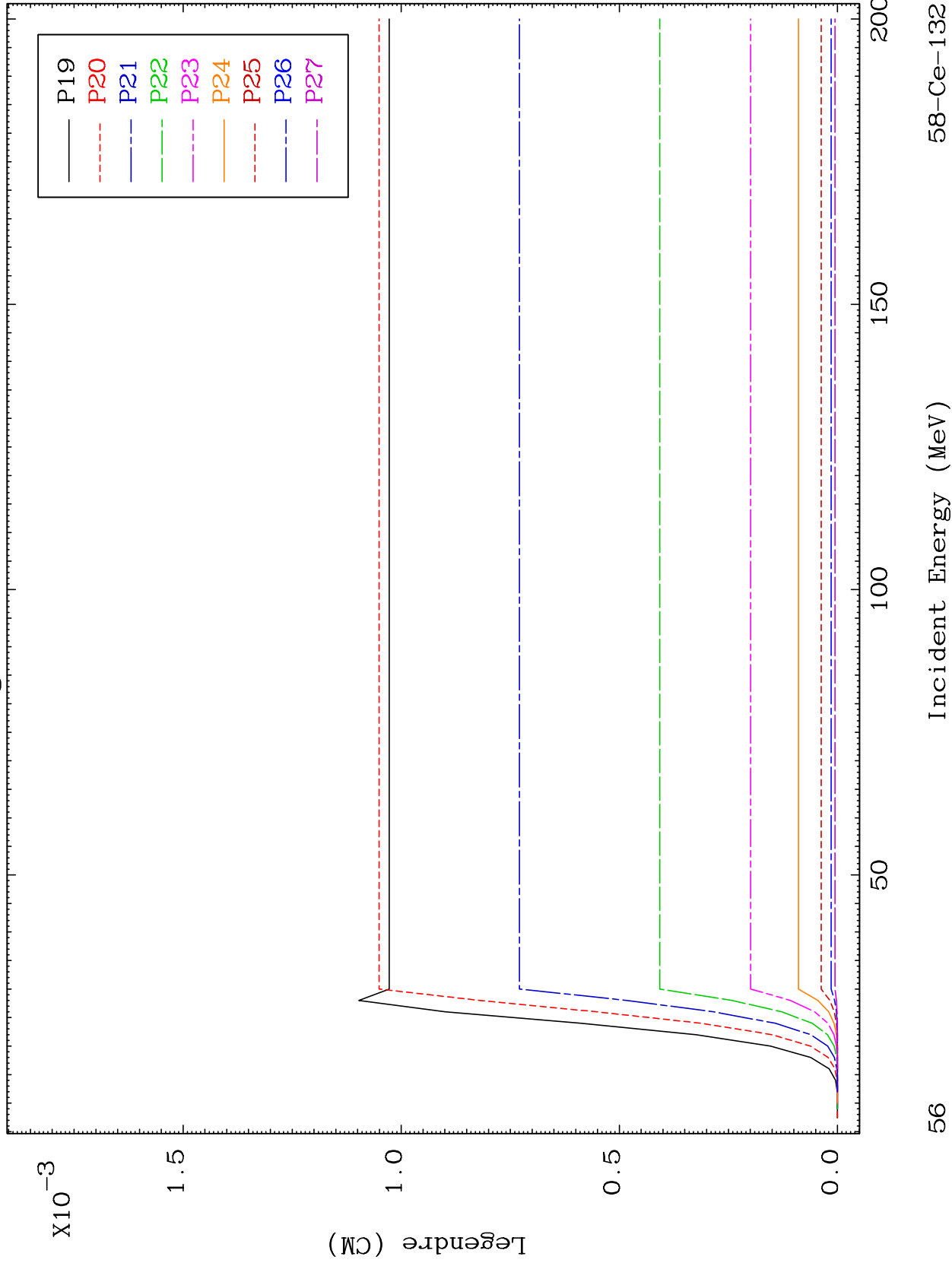
Incident Energy (MeV)

55

MAT 5813

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

58-Ce-132



56

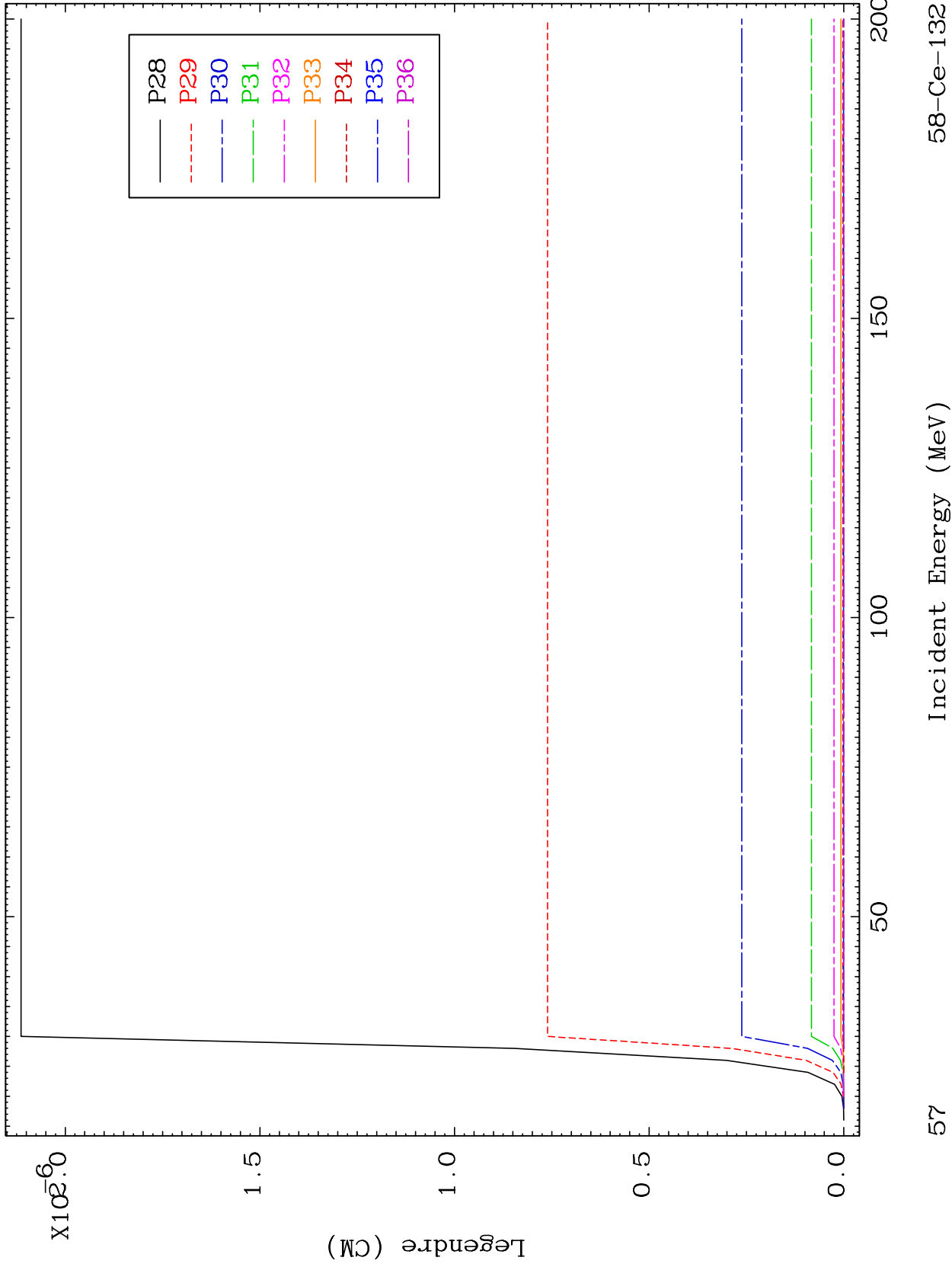
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

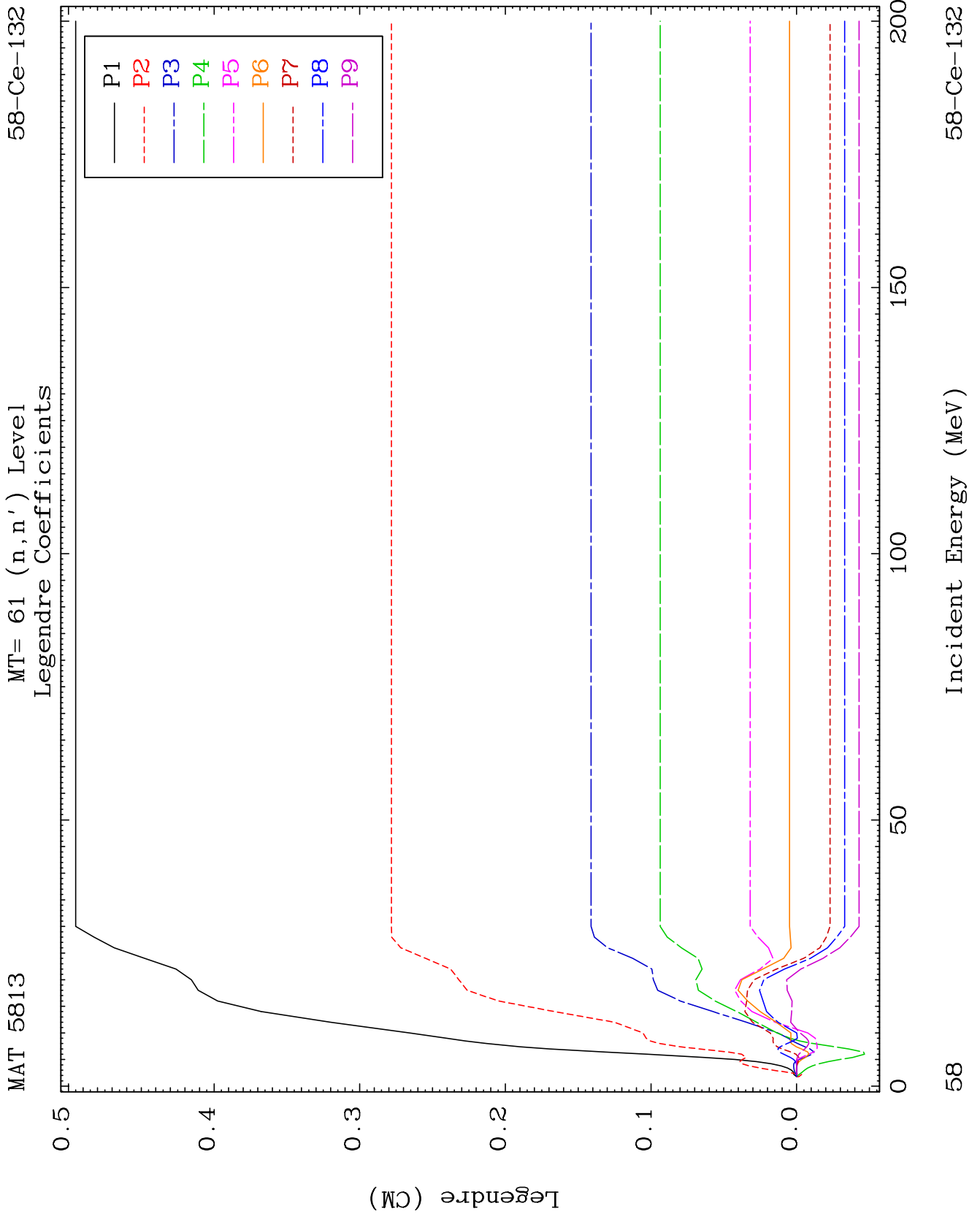
58-Ce-132



57

Incident Energy (MeV)

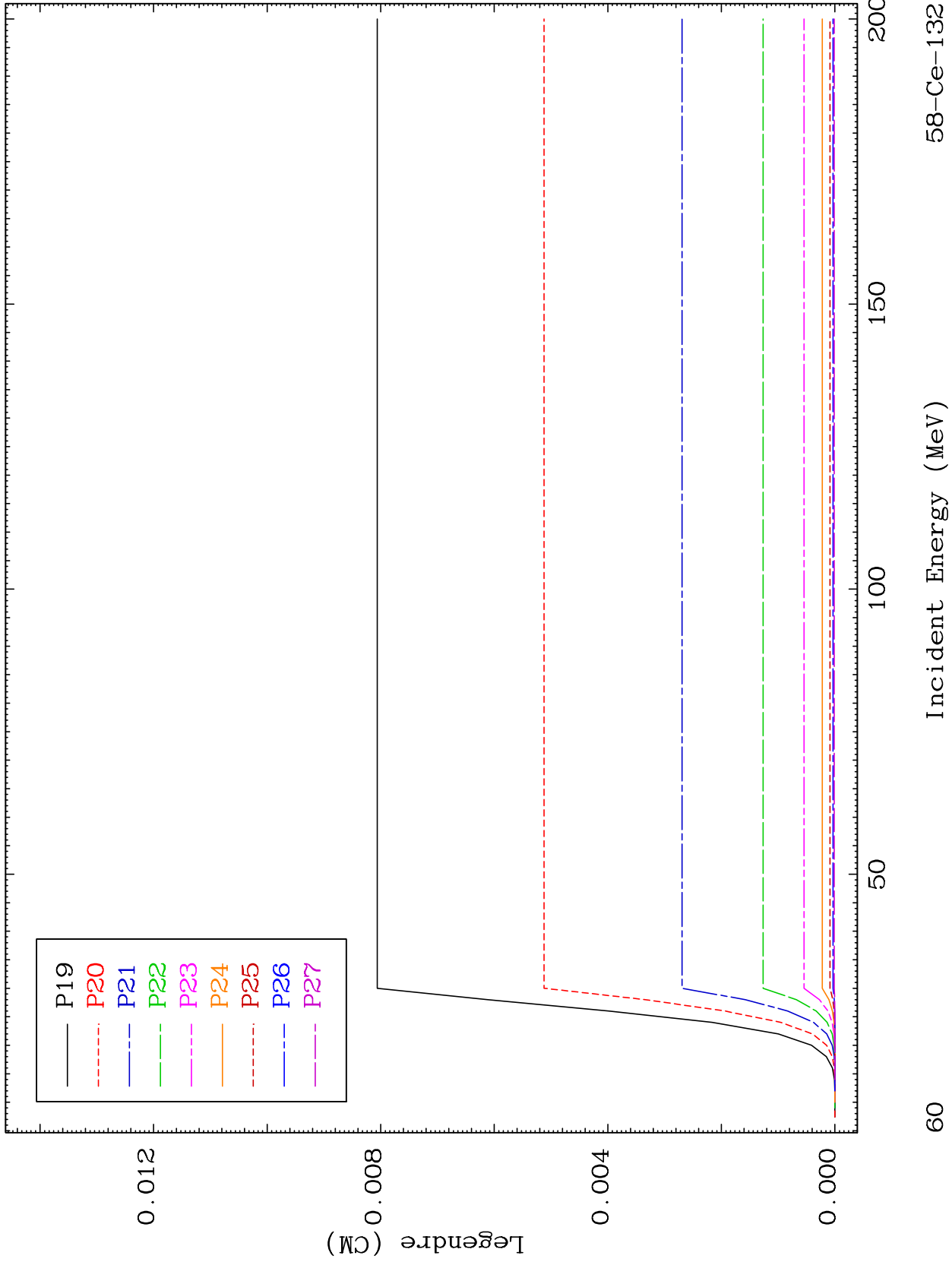
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

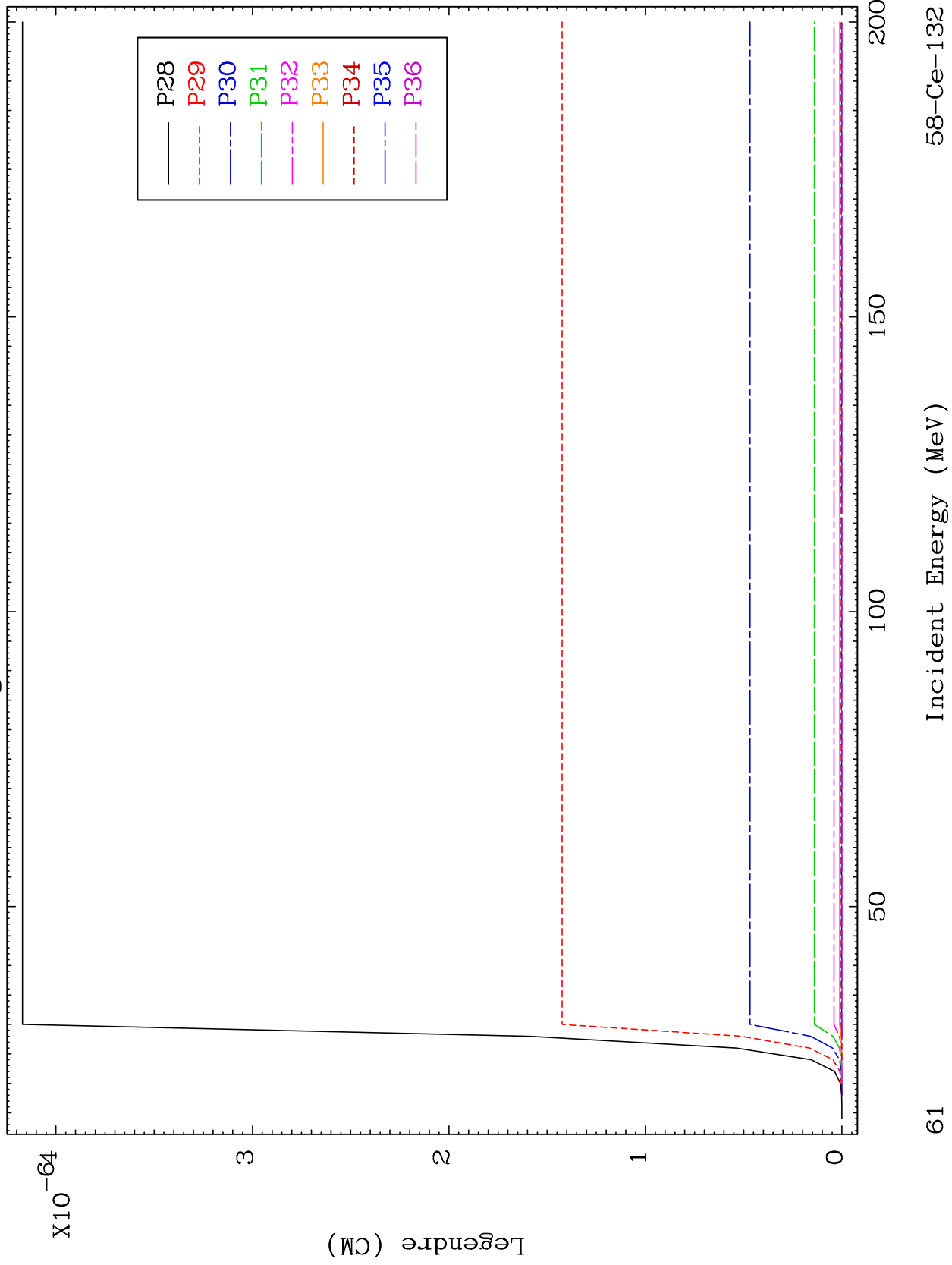
Incident Energy (MeV)

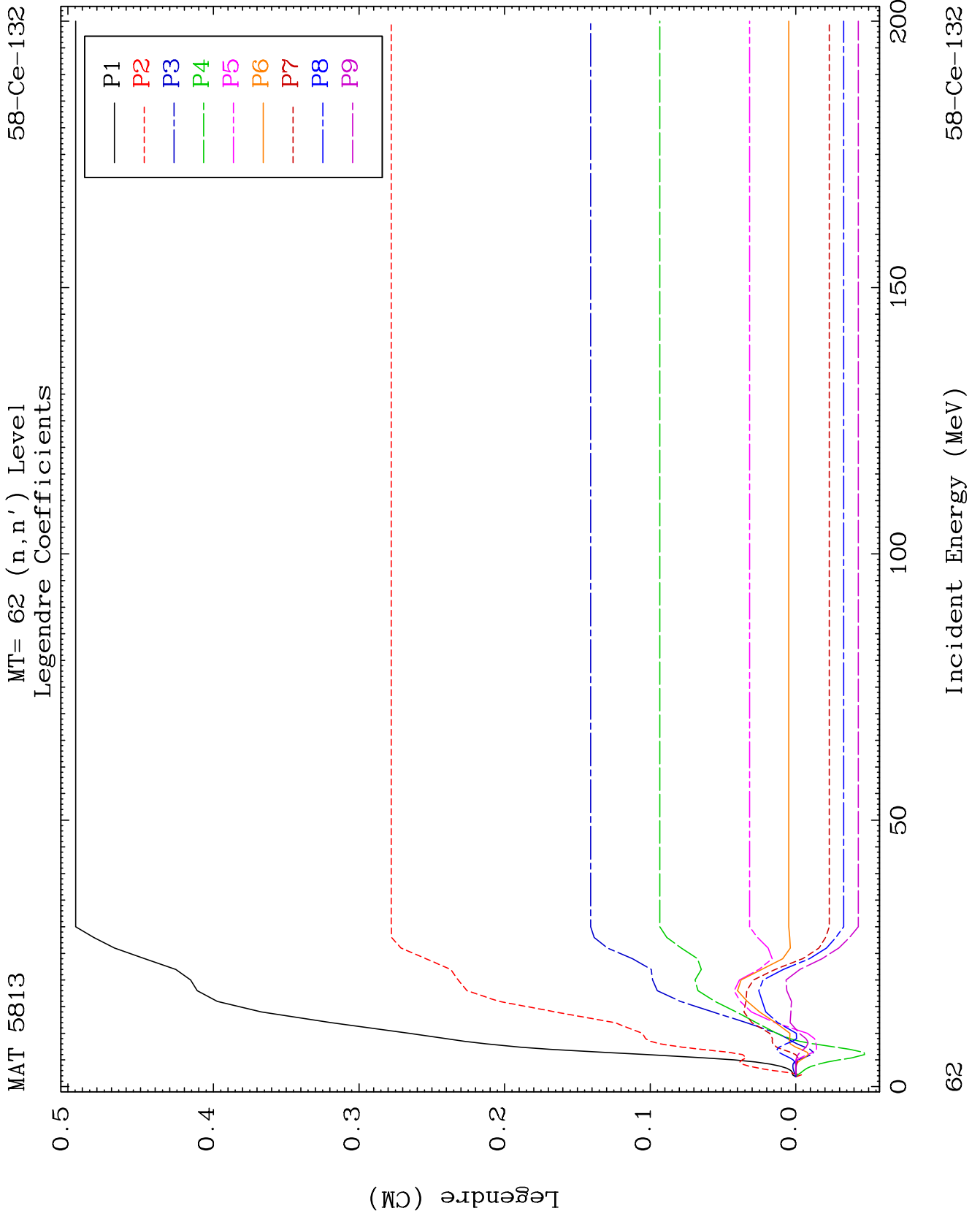
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MAT 5813

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

58-Ce-132

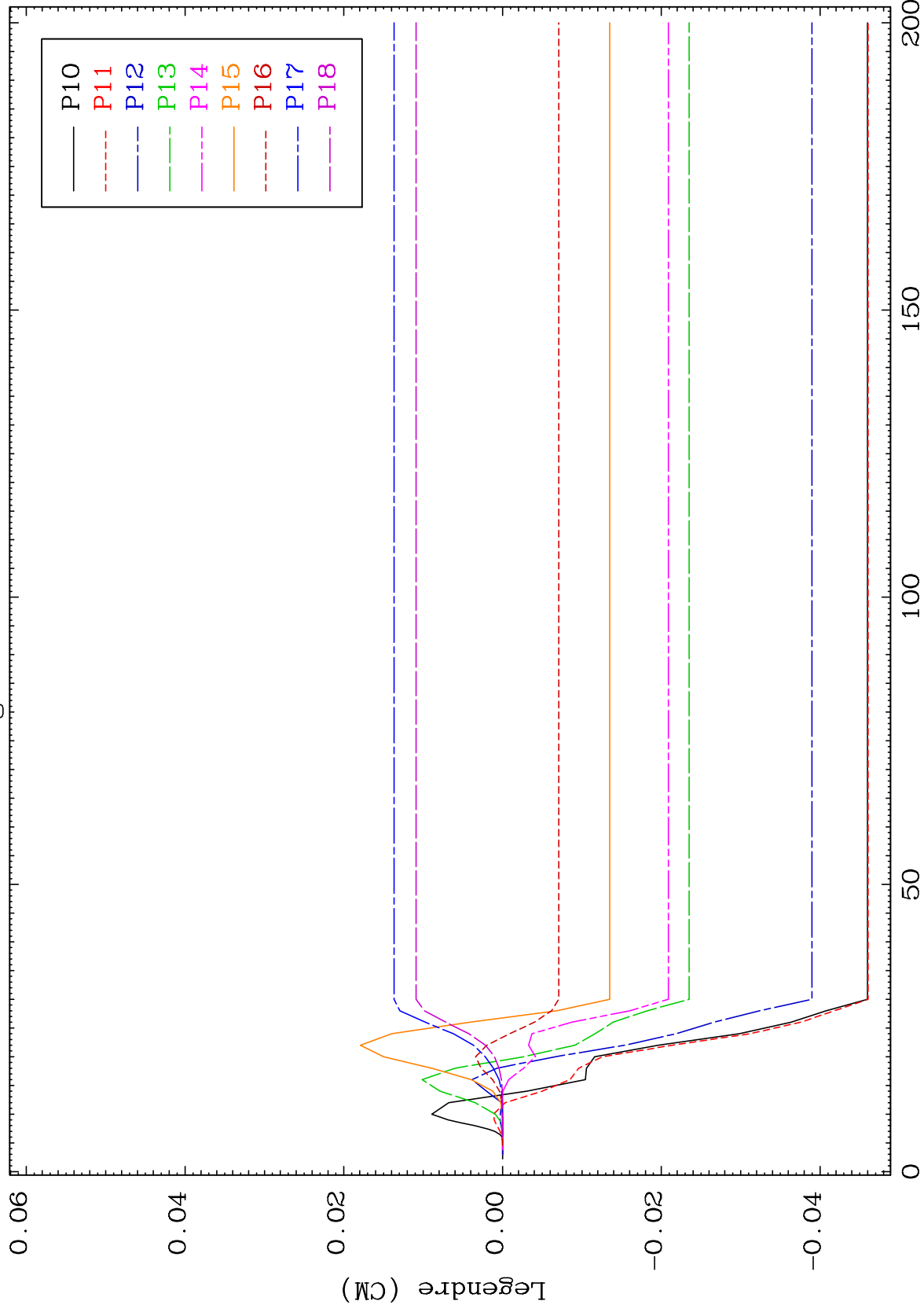




MAT 5813

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

58-Ce-132



63

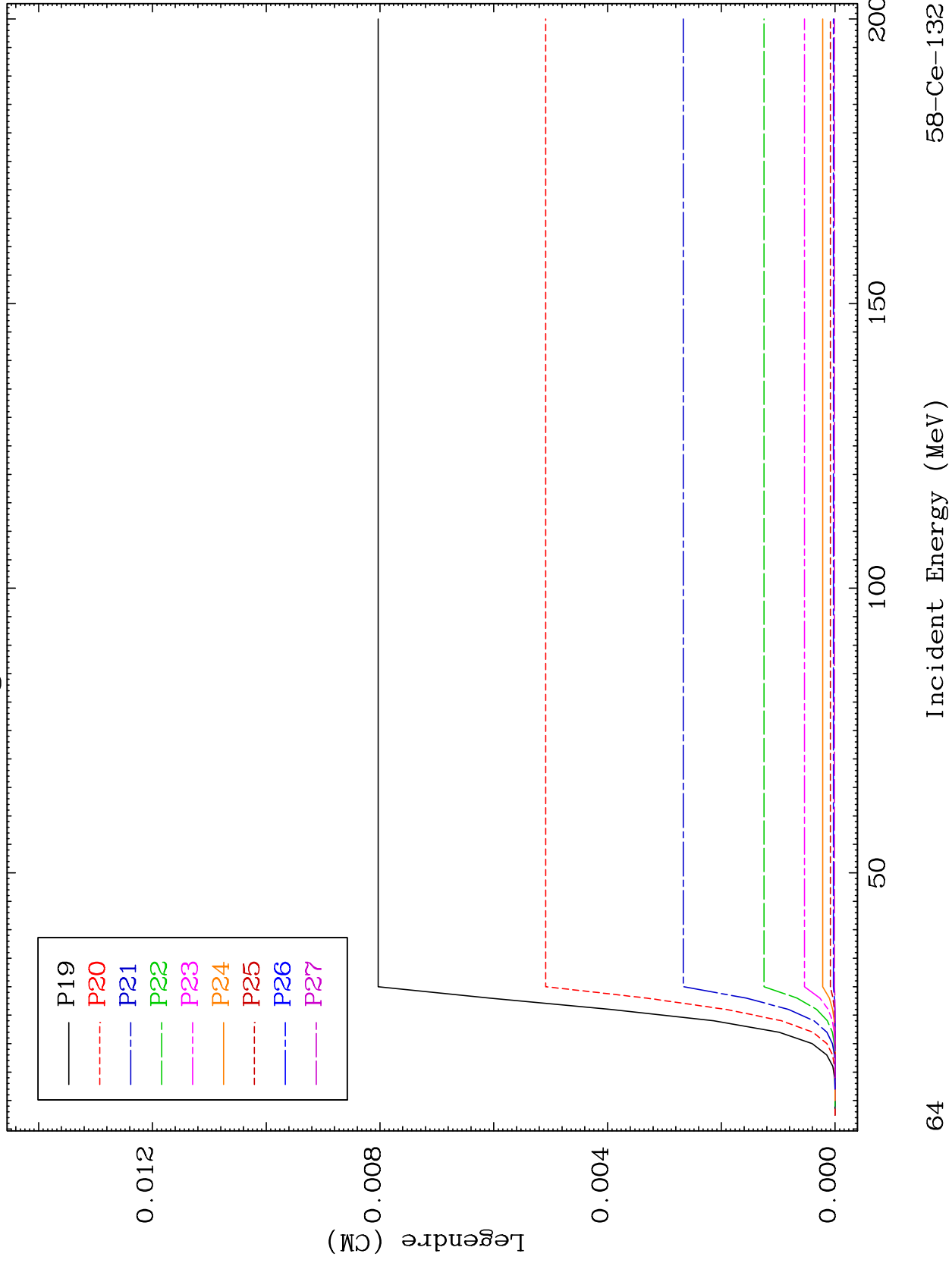
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



64

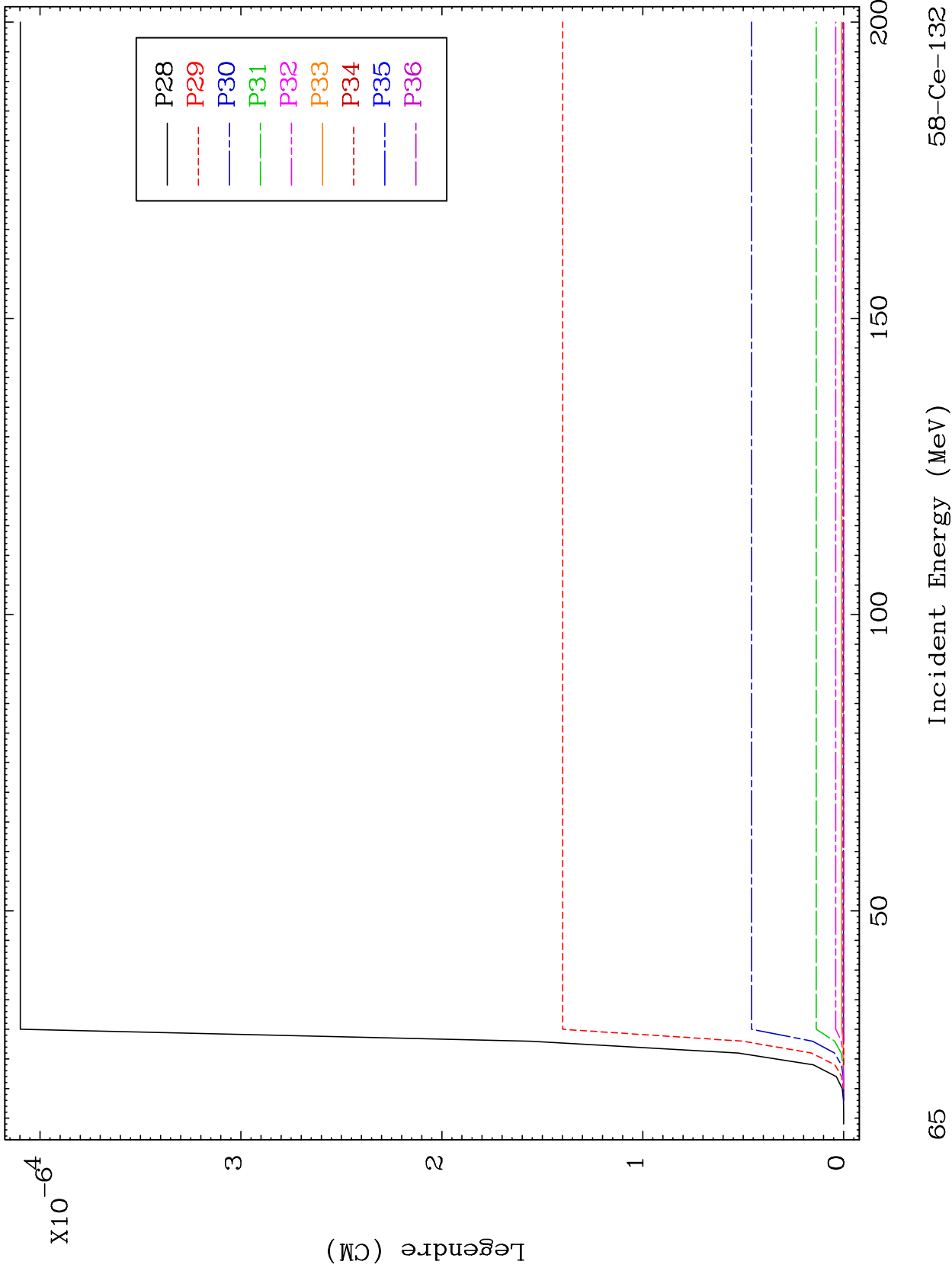
Incident Energy (MeV)

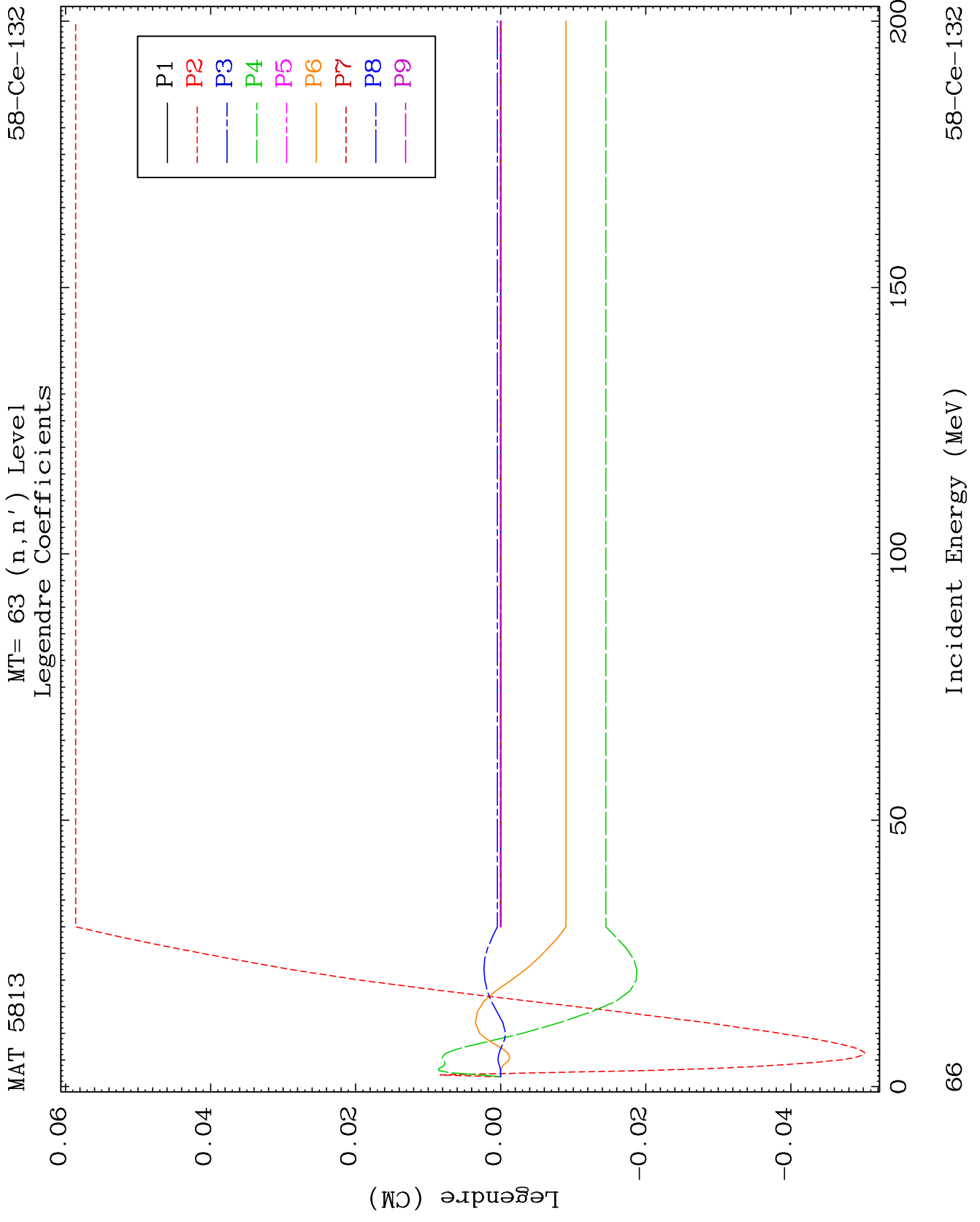
58-Ce-132

MAT 5813

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

58-Ce-132

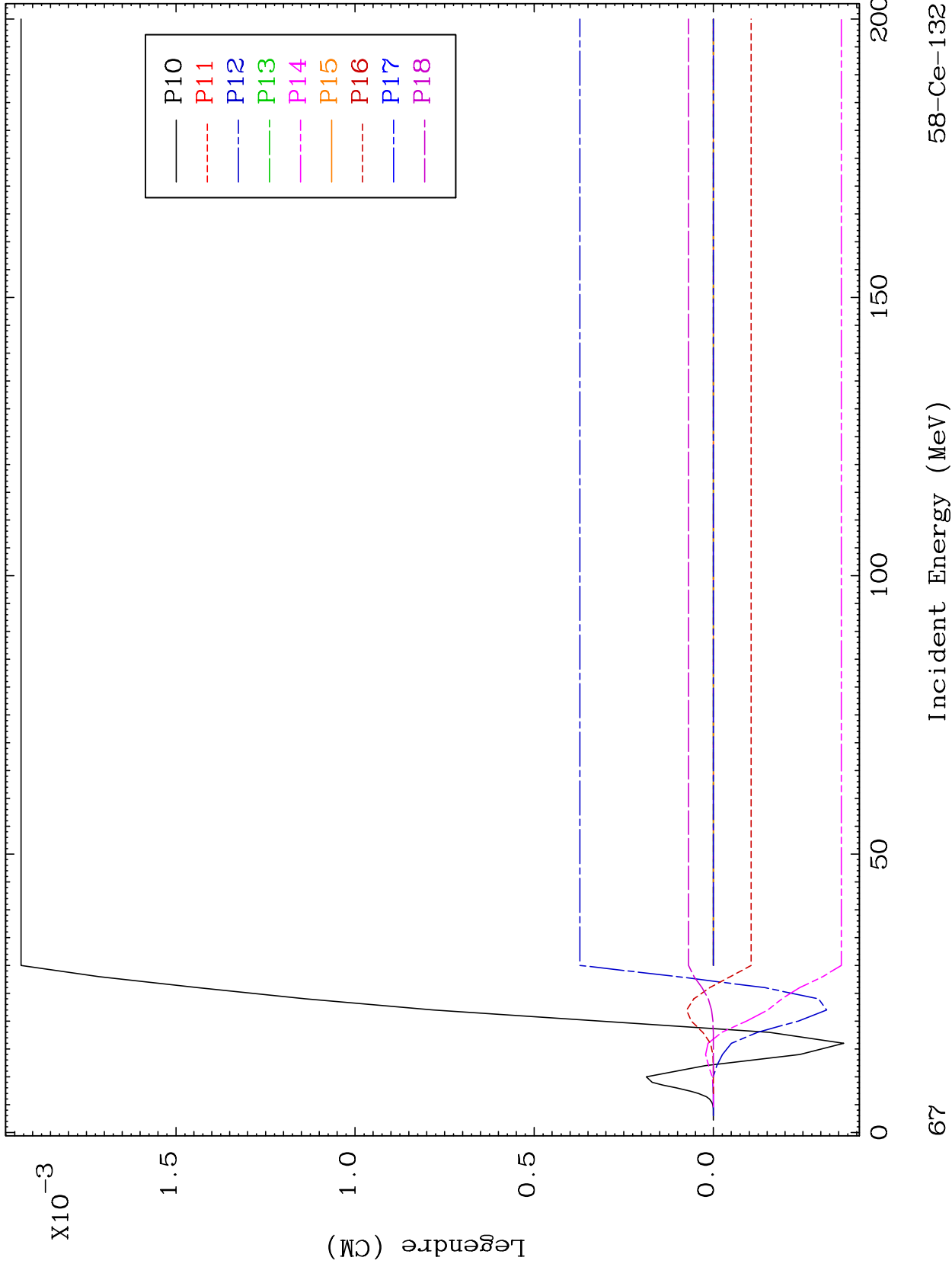


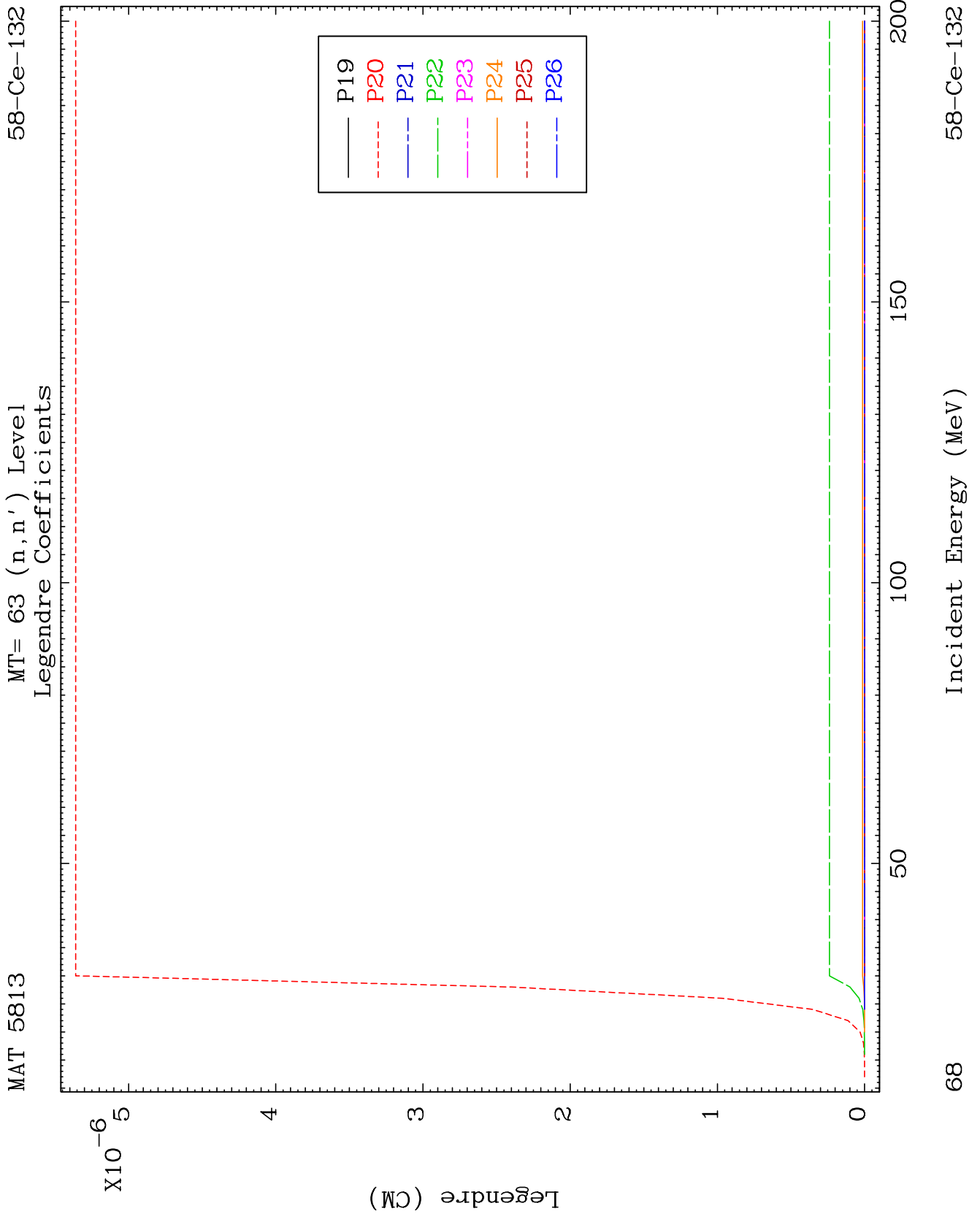


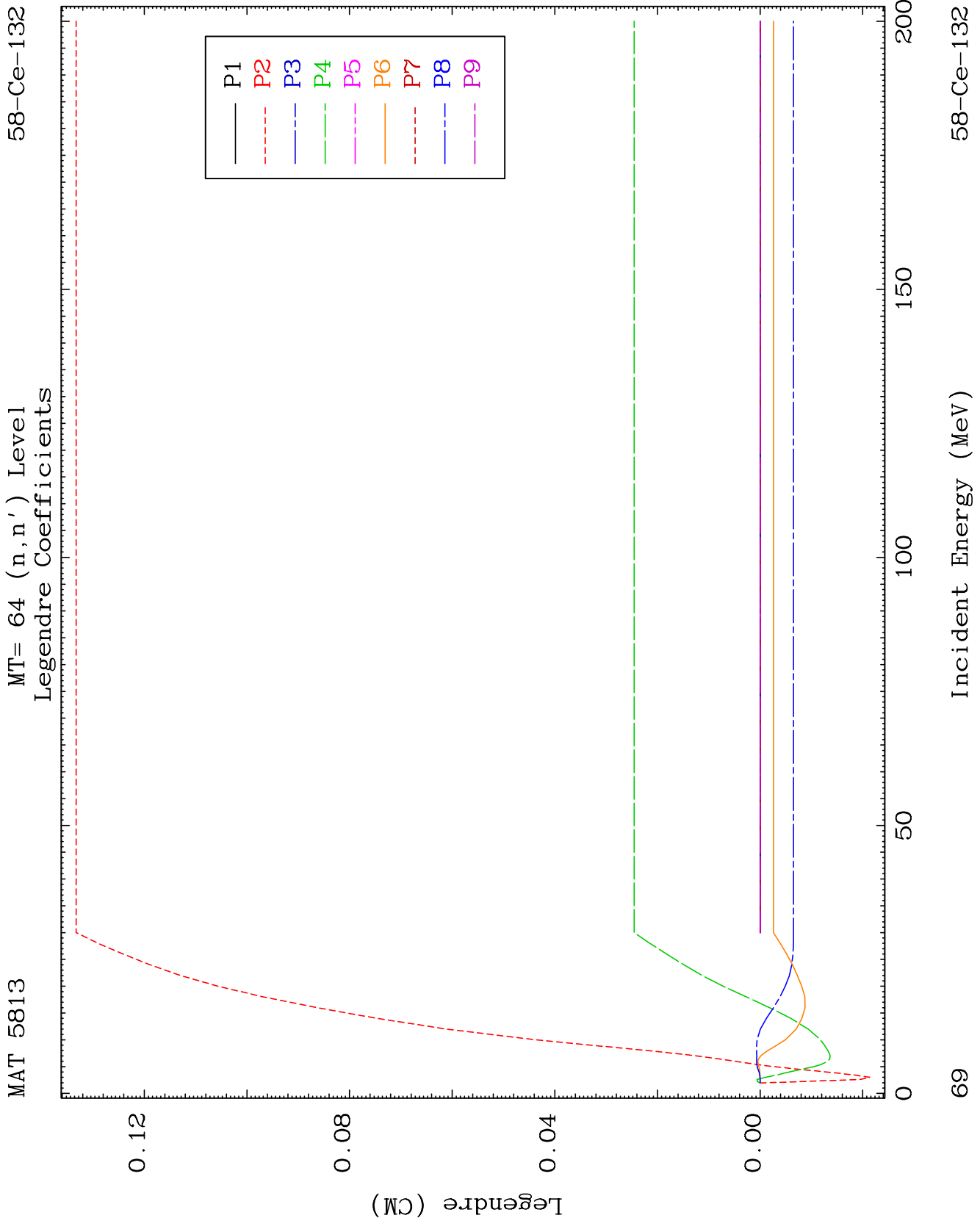
MAT 5813

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

58-Ce-132



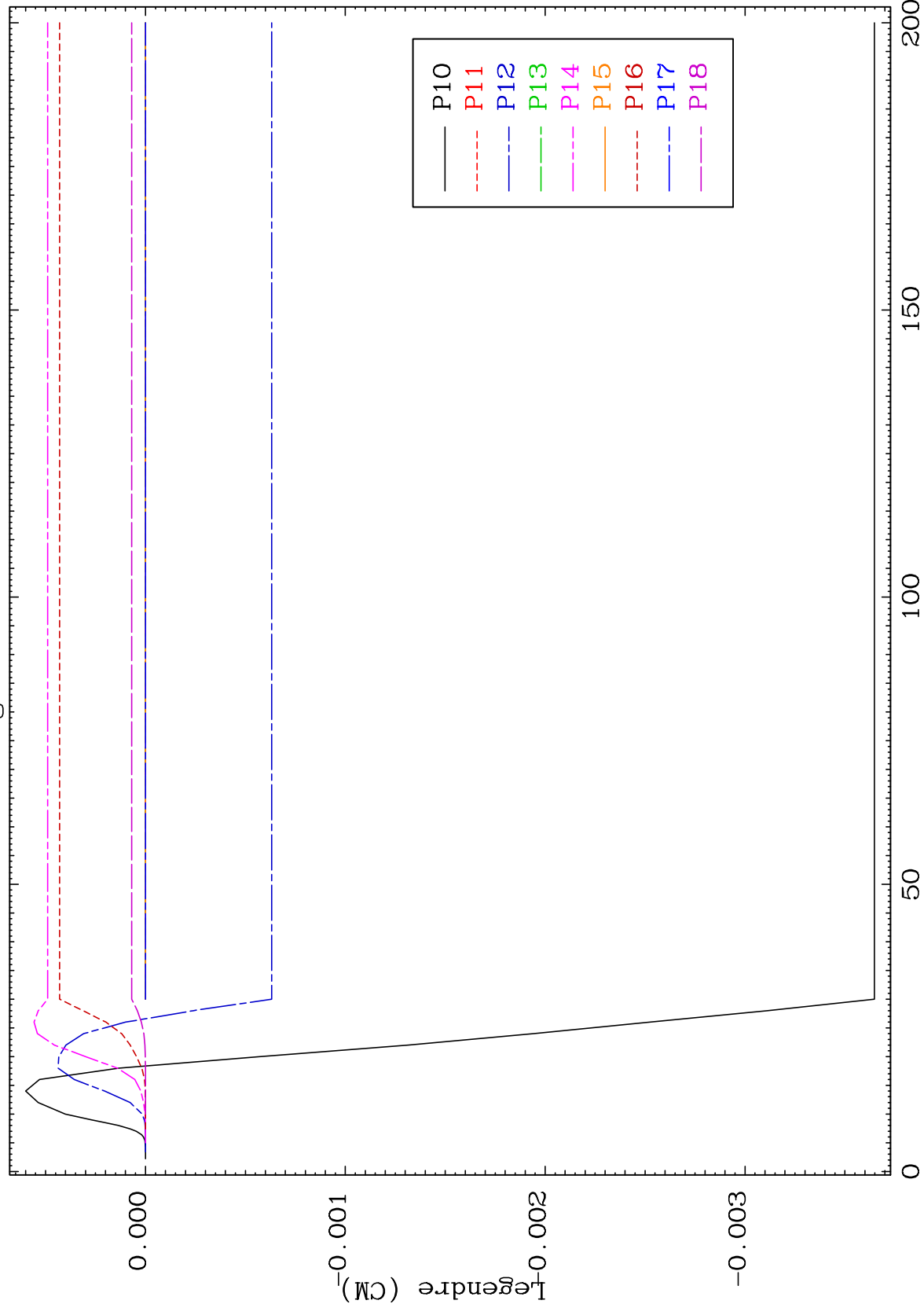




MAT 5813

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

58-Ce-132



70

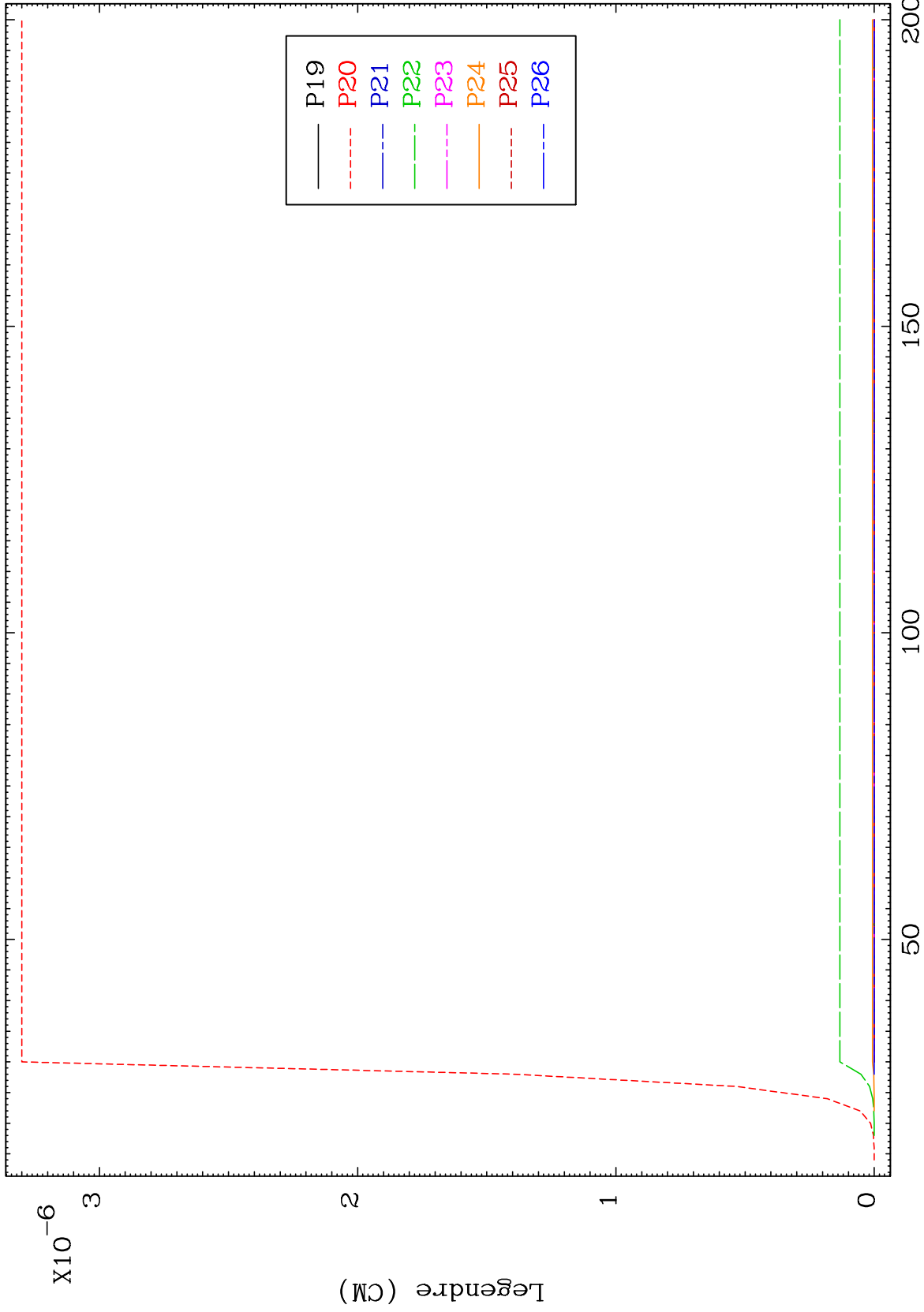
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



71

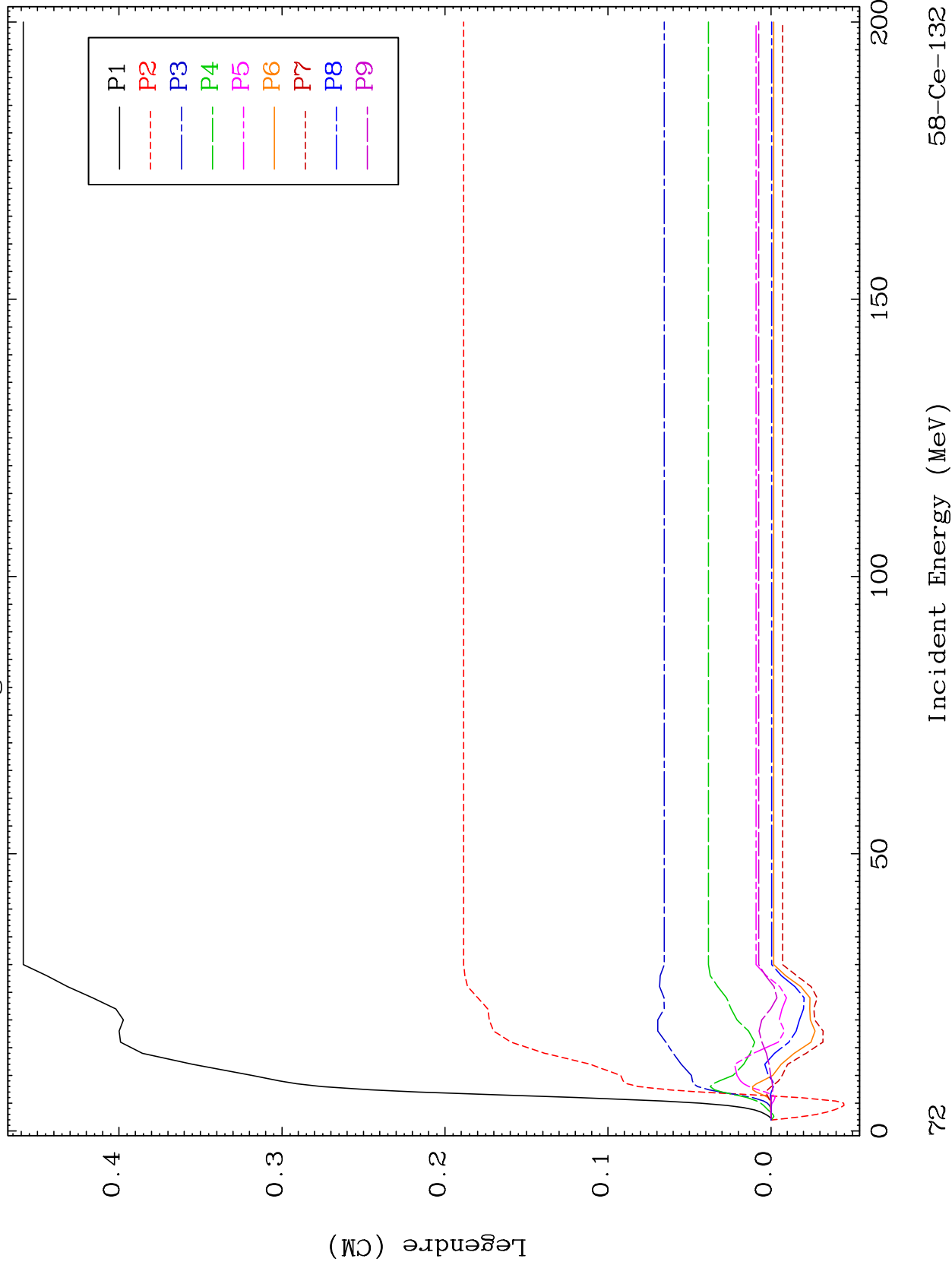
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



58-Ce-132

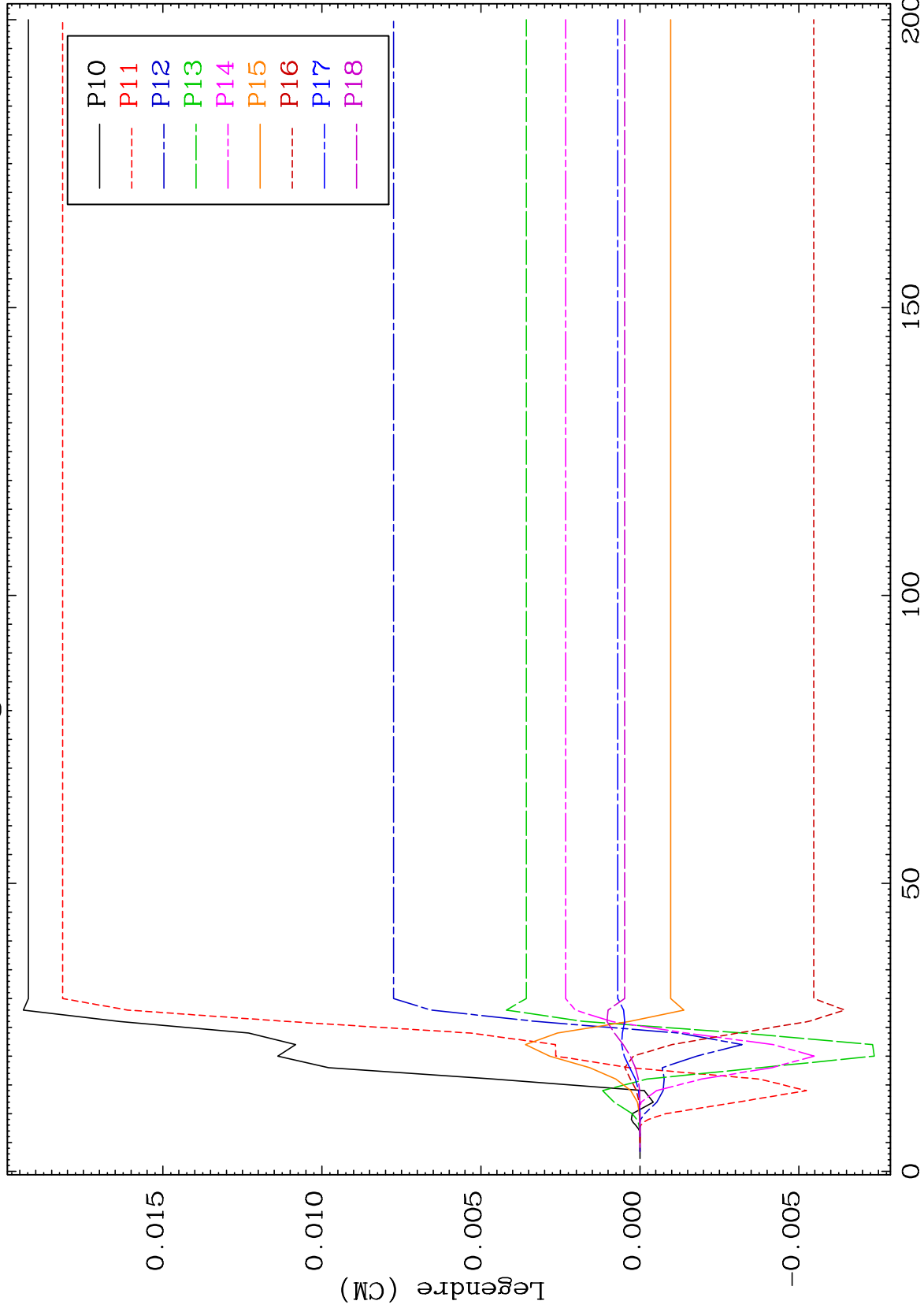
Incident Energy (MeV)

72

MAT 5813

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

58-Ce-132



73

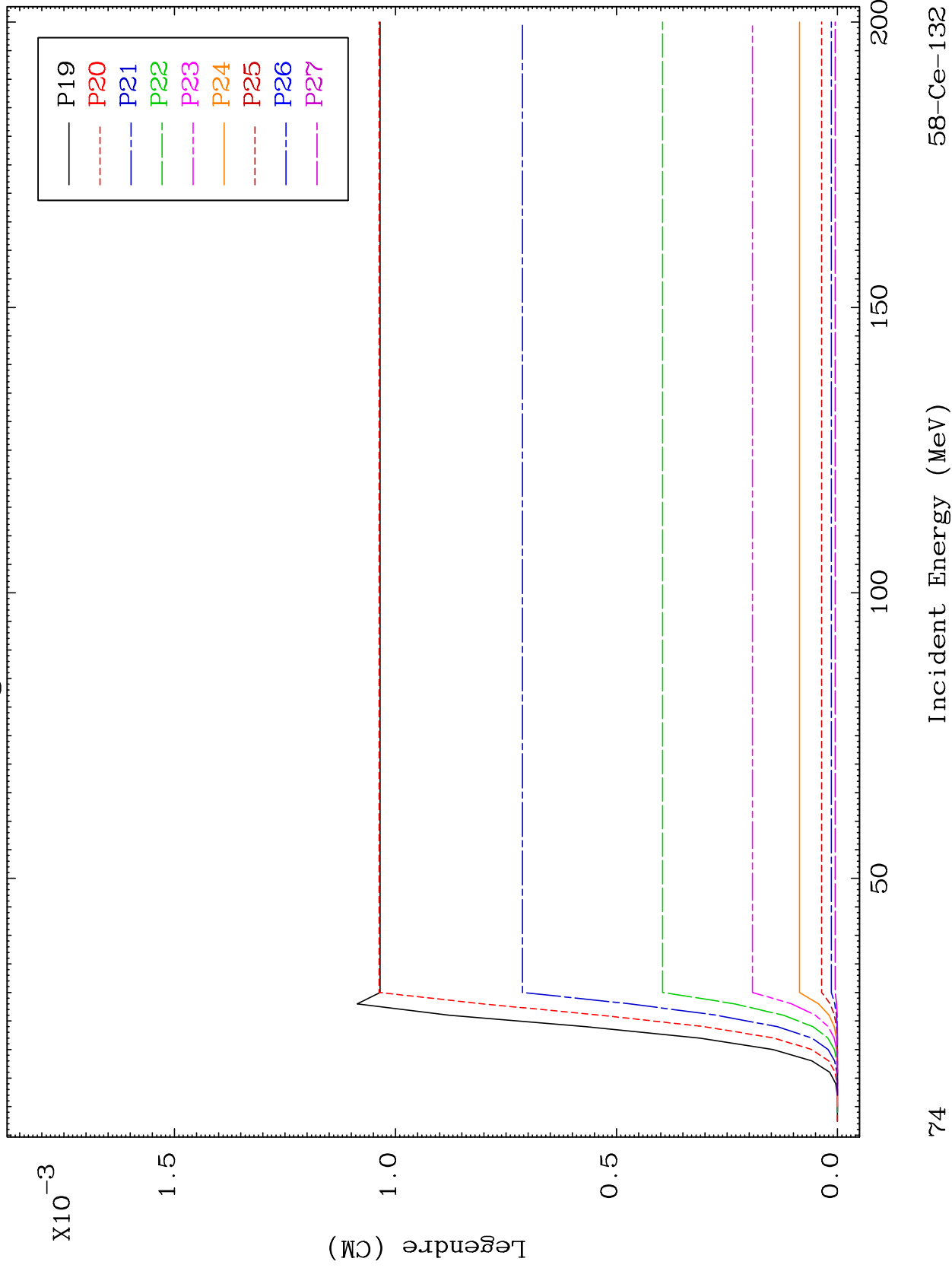
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

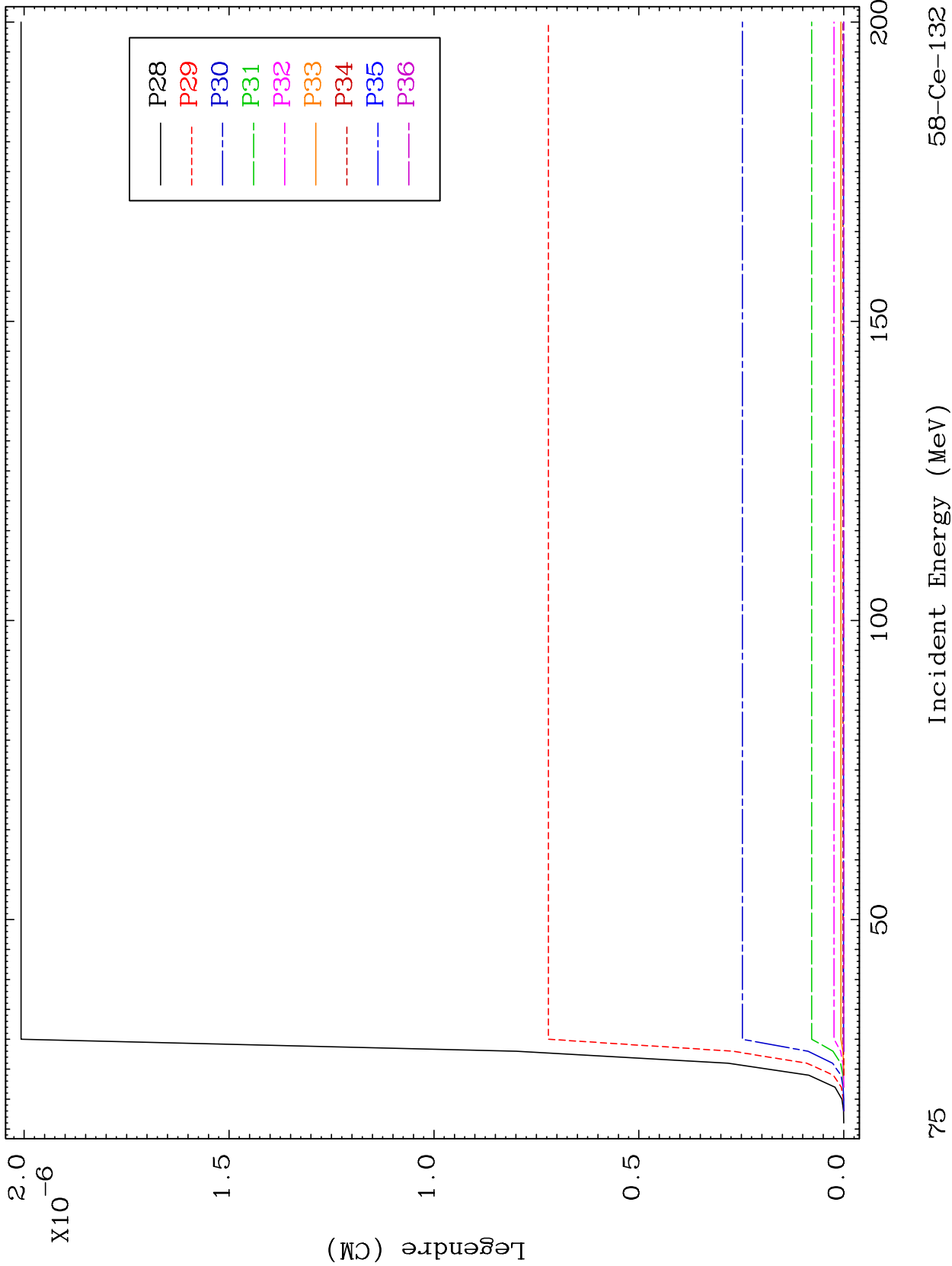
58-Ce-132



MAT 5813

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

58-Ce-132



75

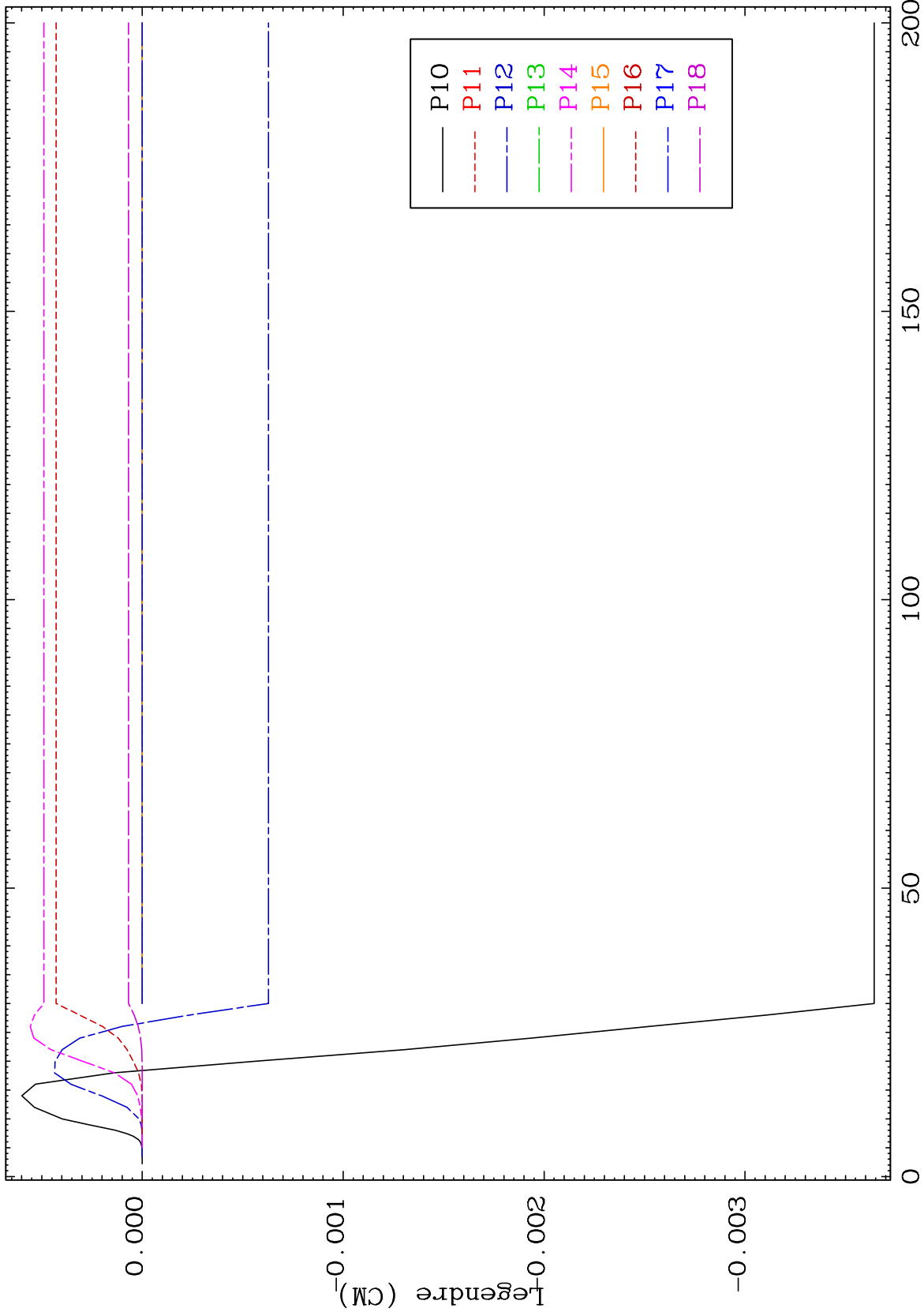
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

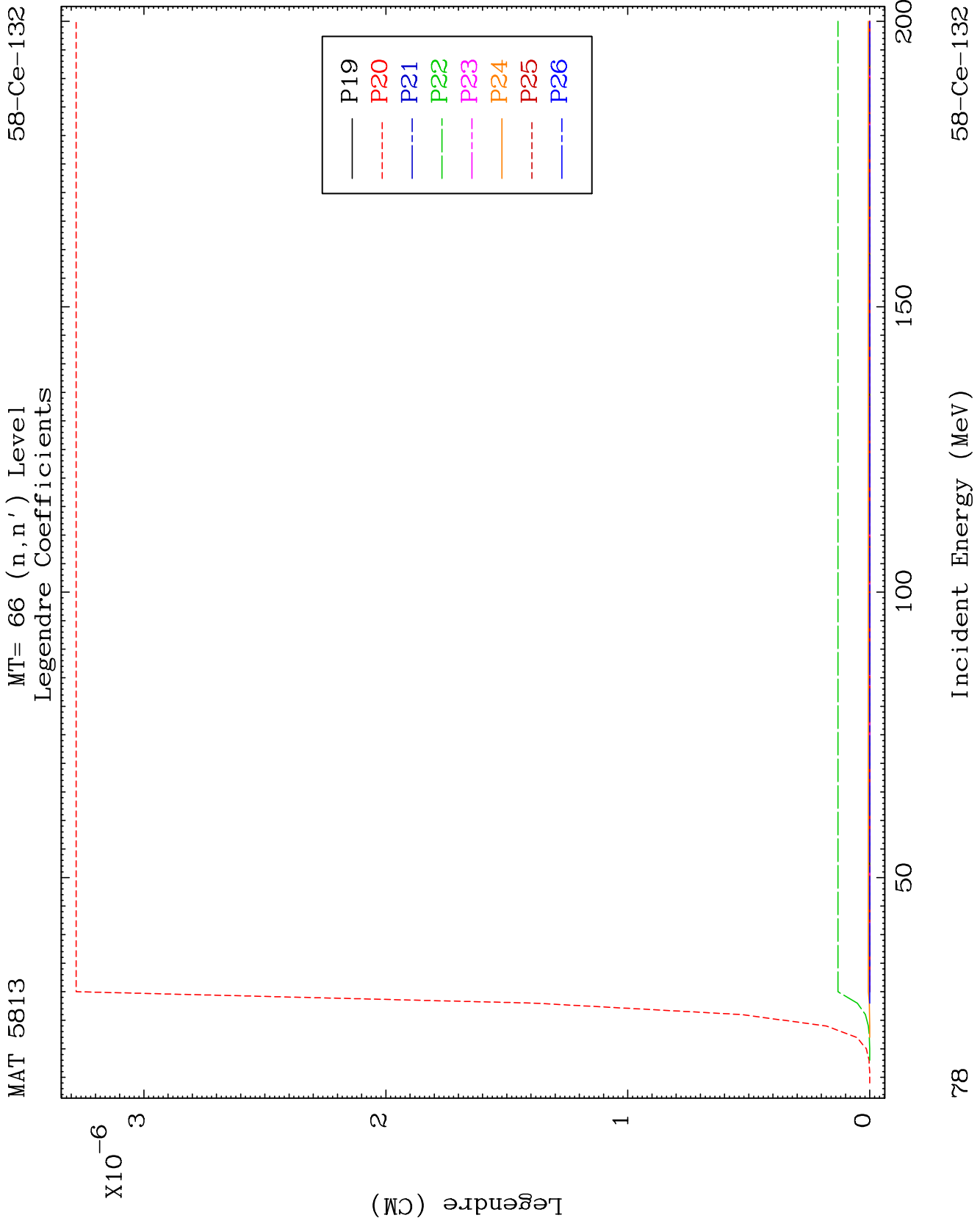
58-Ce-132



77

Incident Energy (MeV)

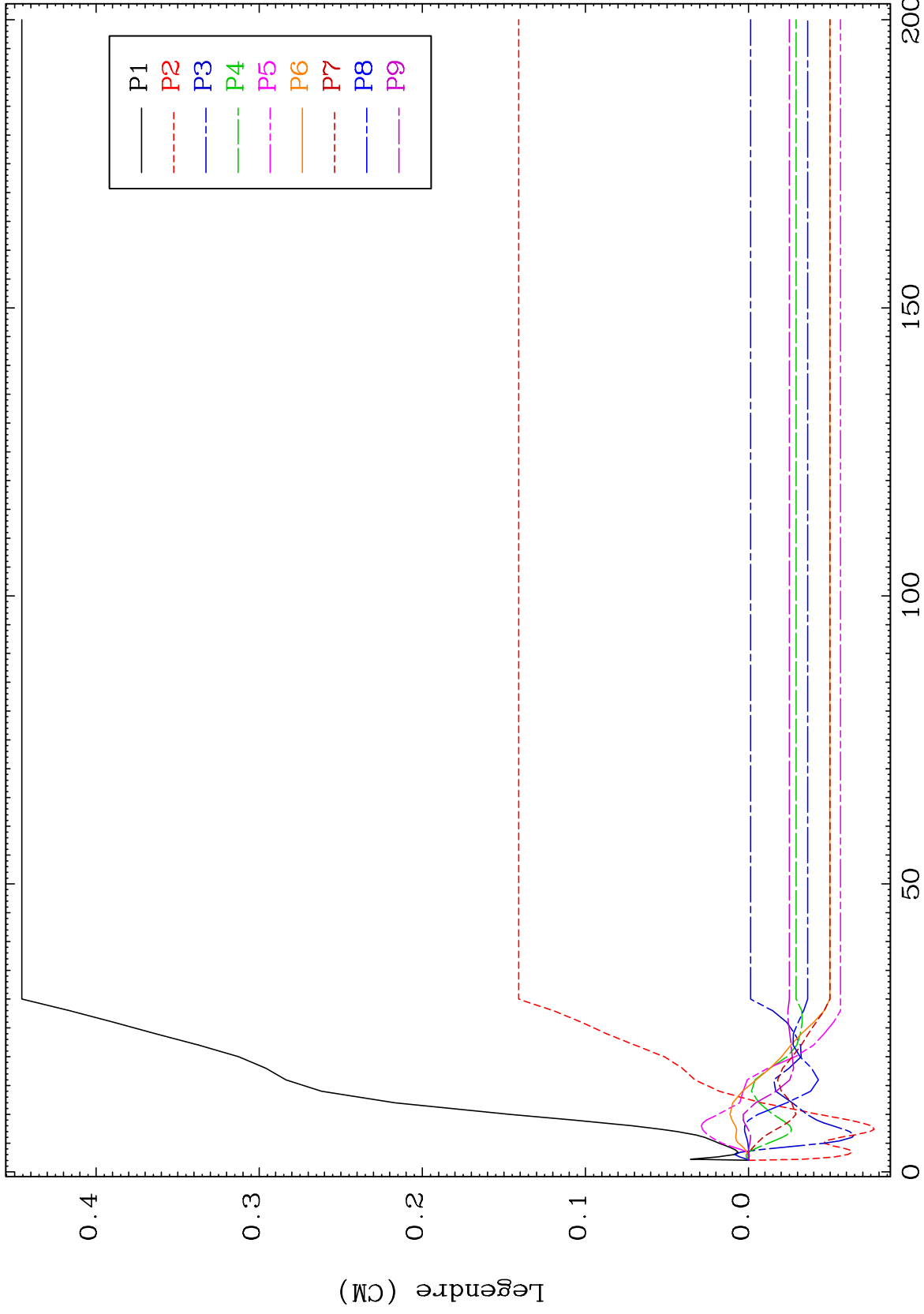
58-Ce-132



MAT 5813

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

58-Ce-132



79

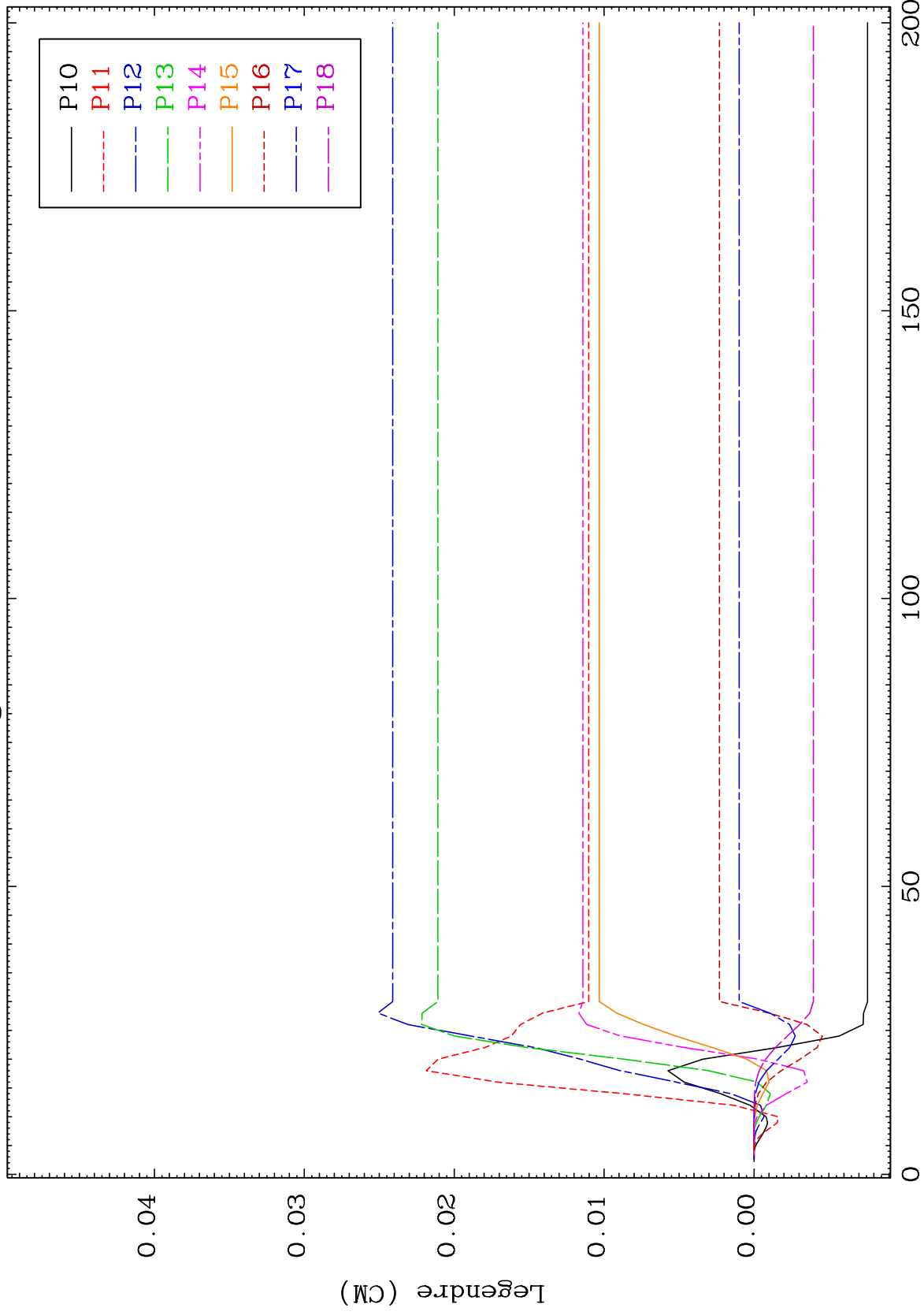
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



80

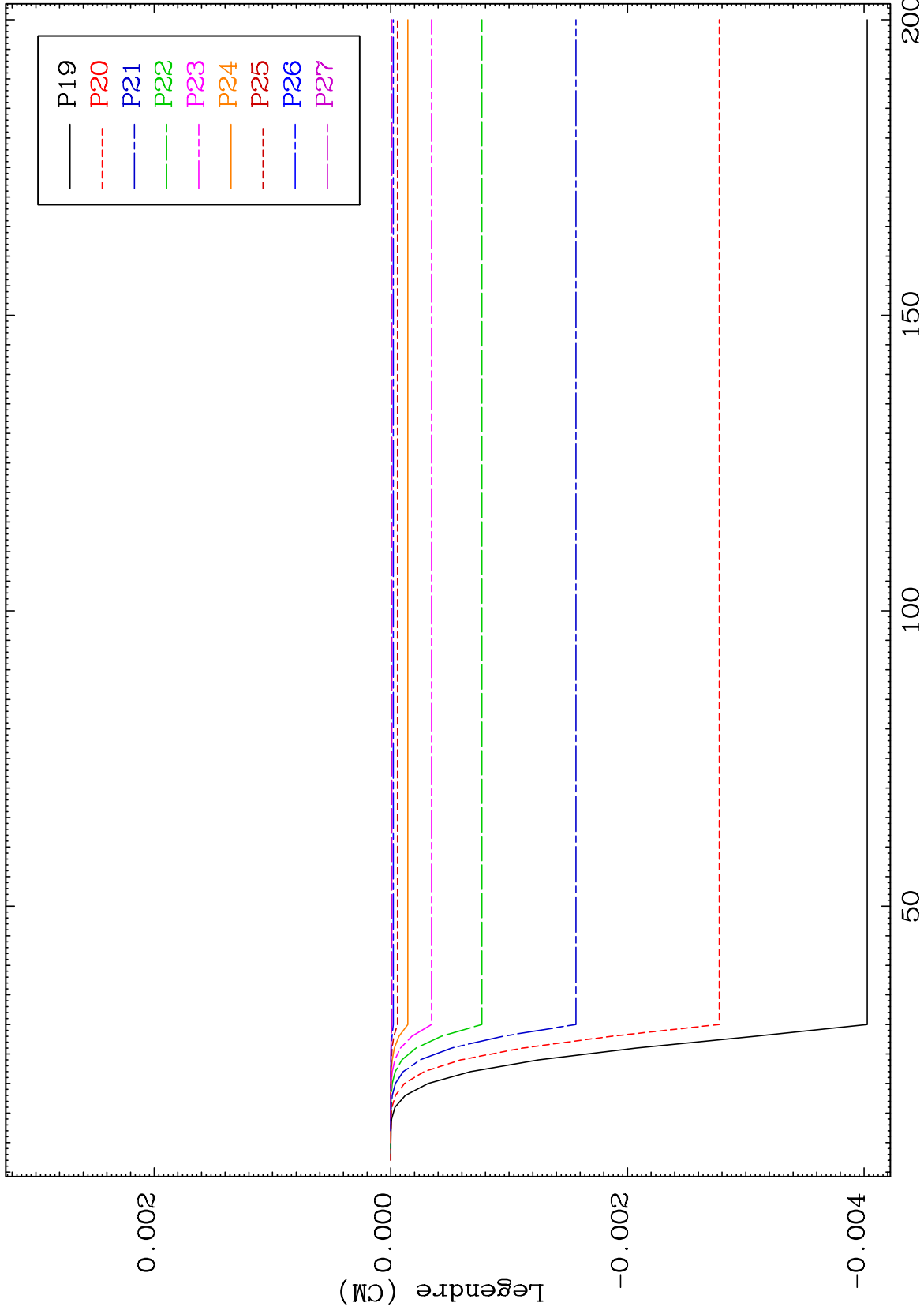
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

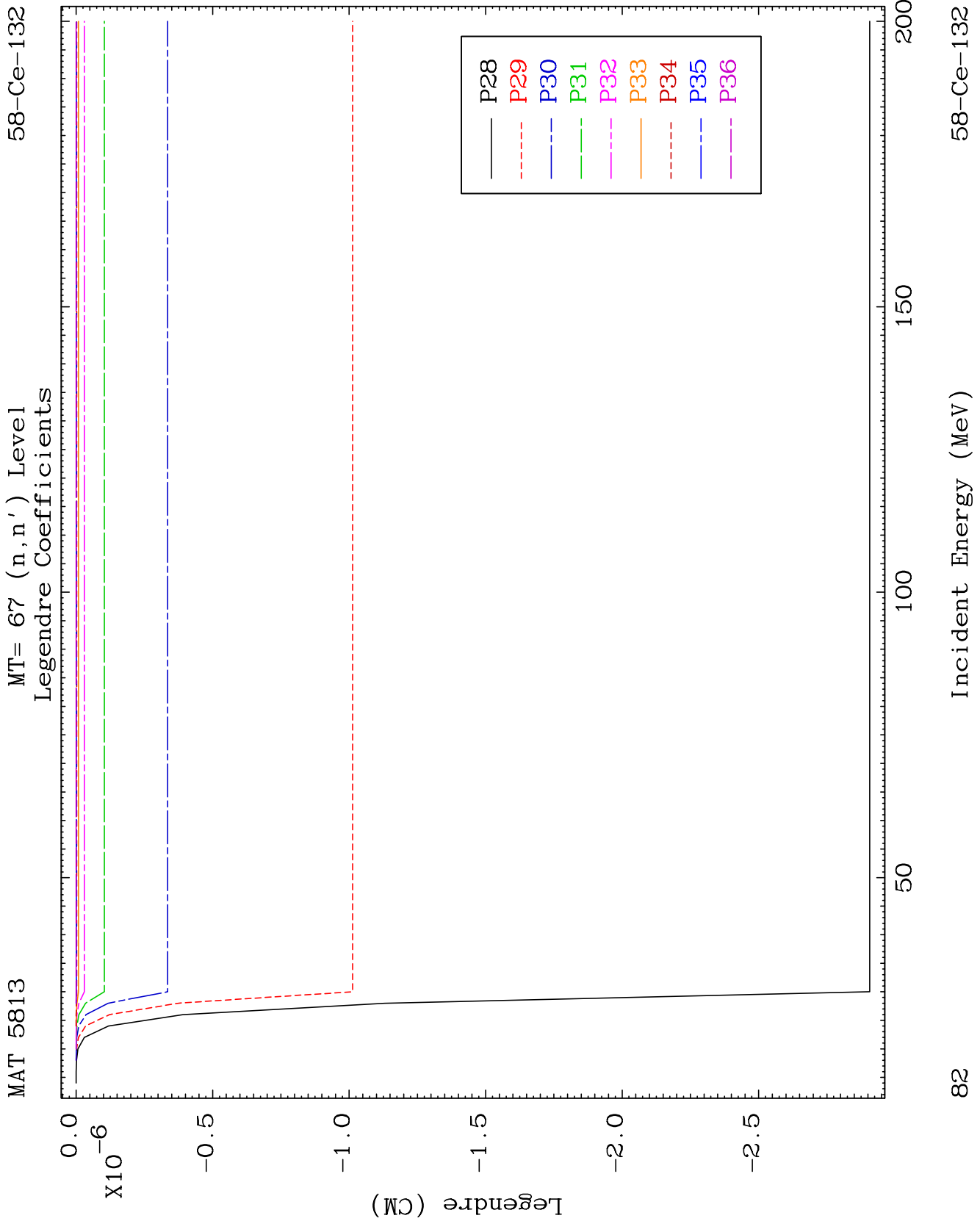
58-Ce-132



81

Incident Energy (MeV)

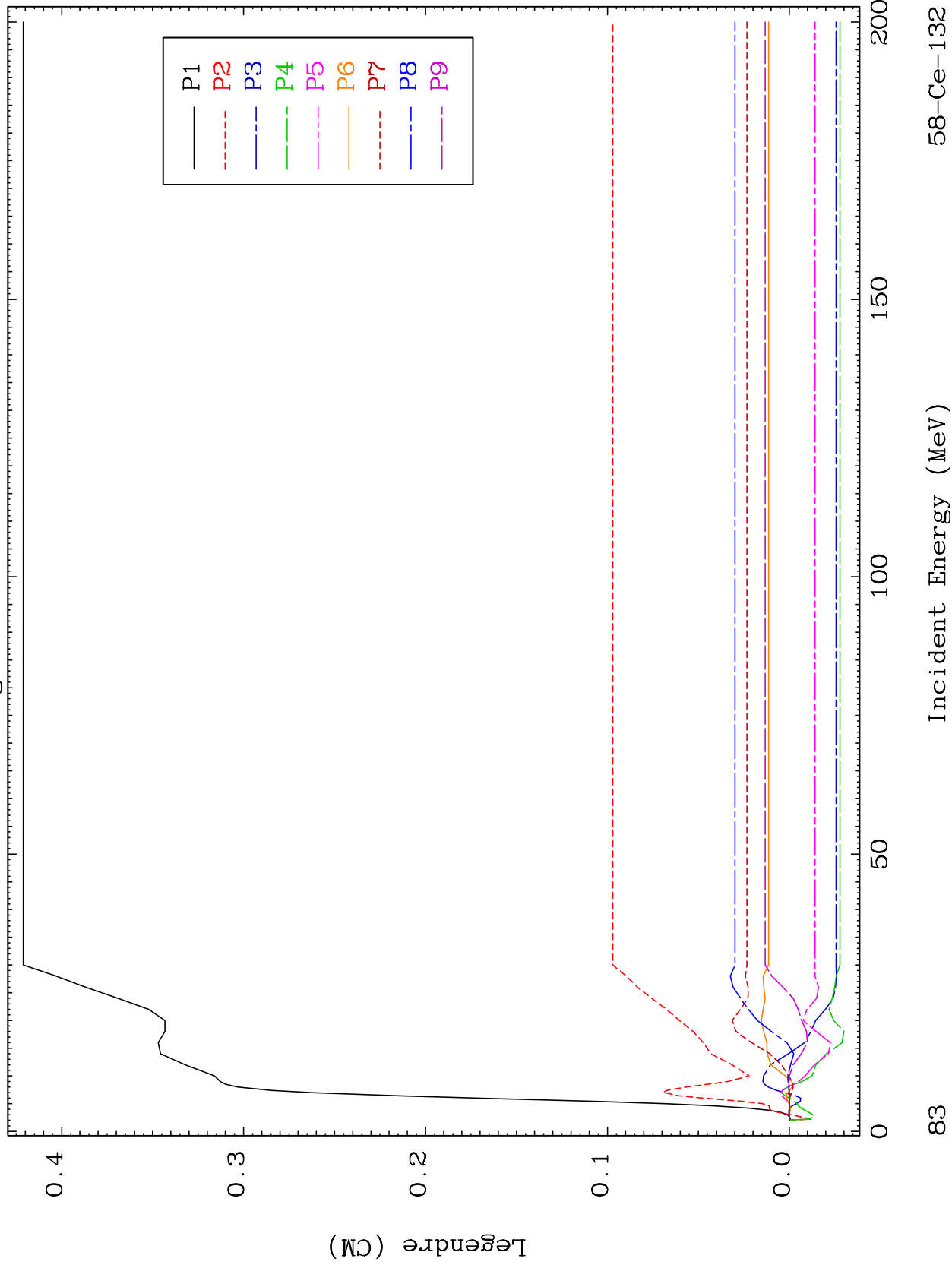
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

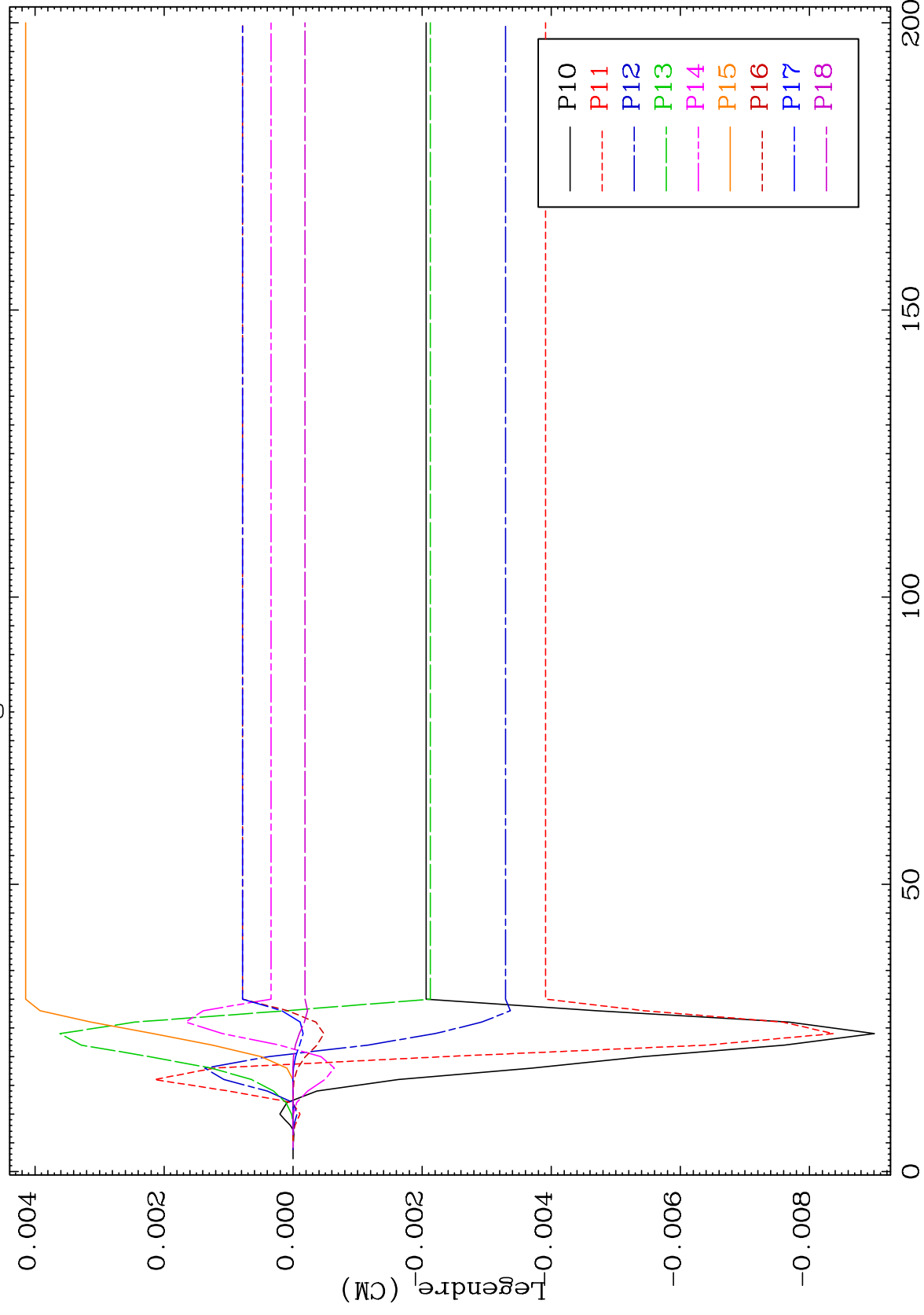
Incident Energy (MeV)

83

MAT 5813

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

58-Ce-132



84

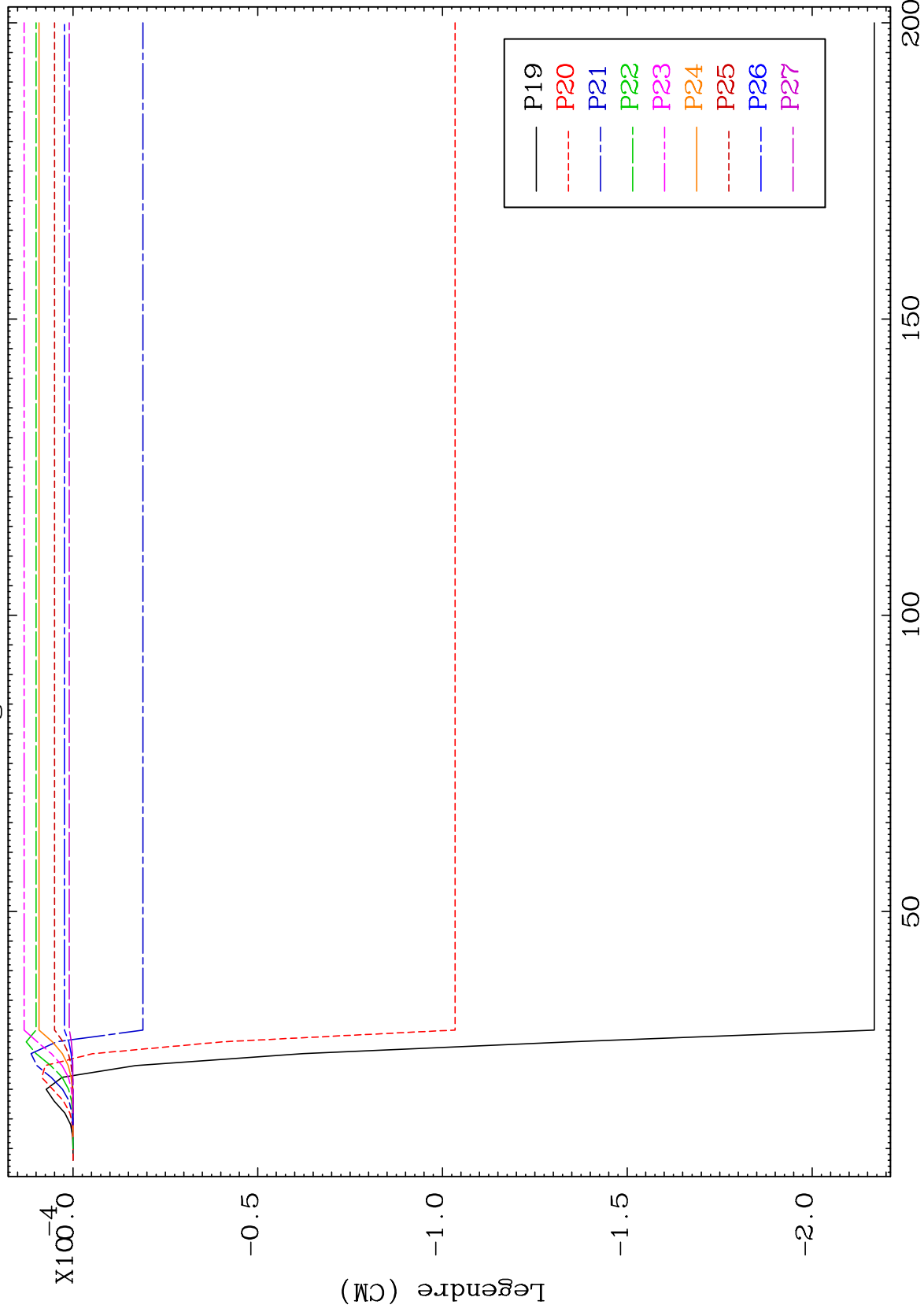
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



85

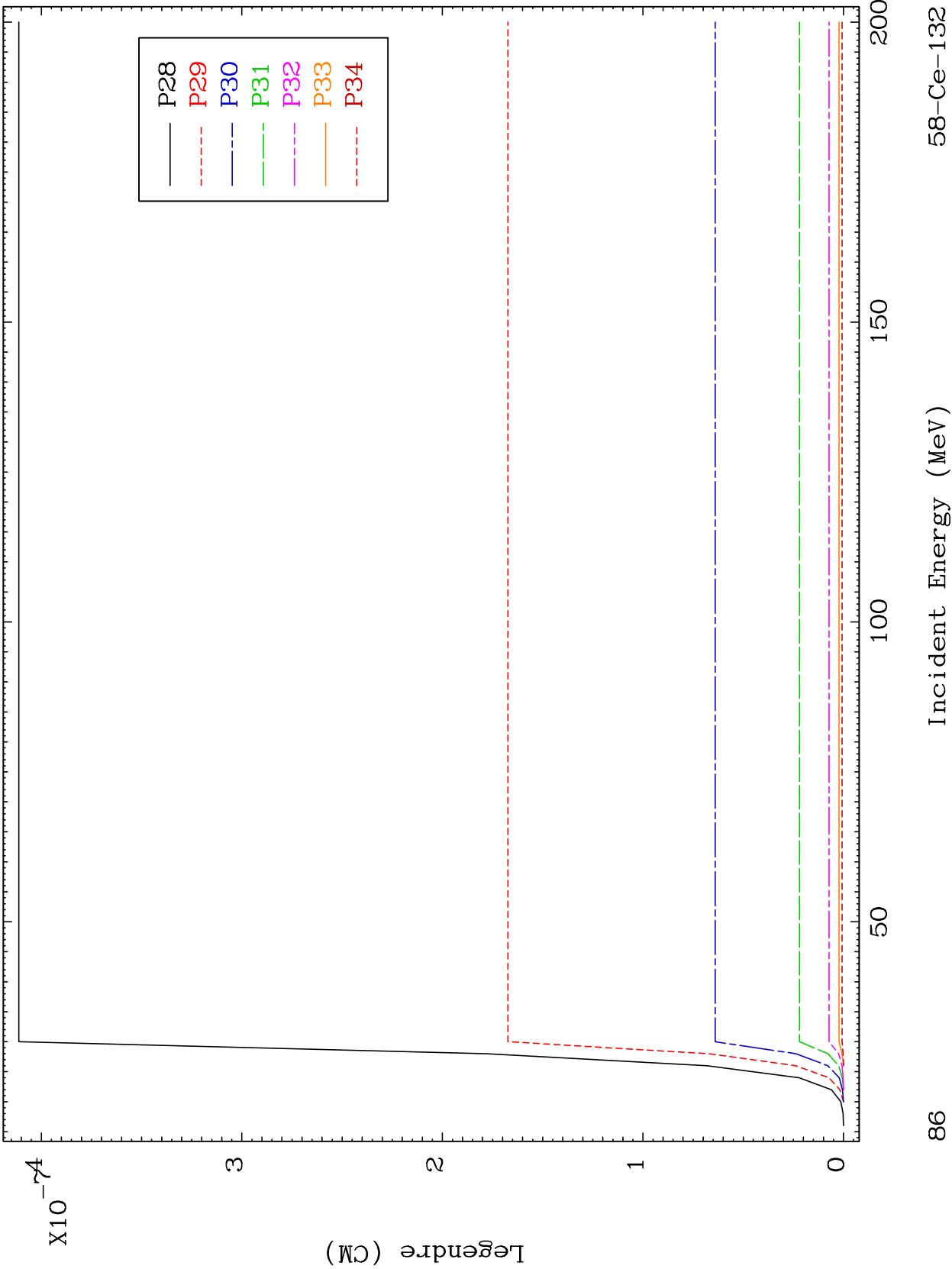
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

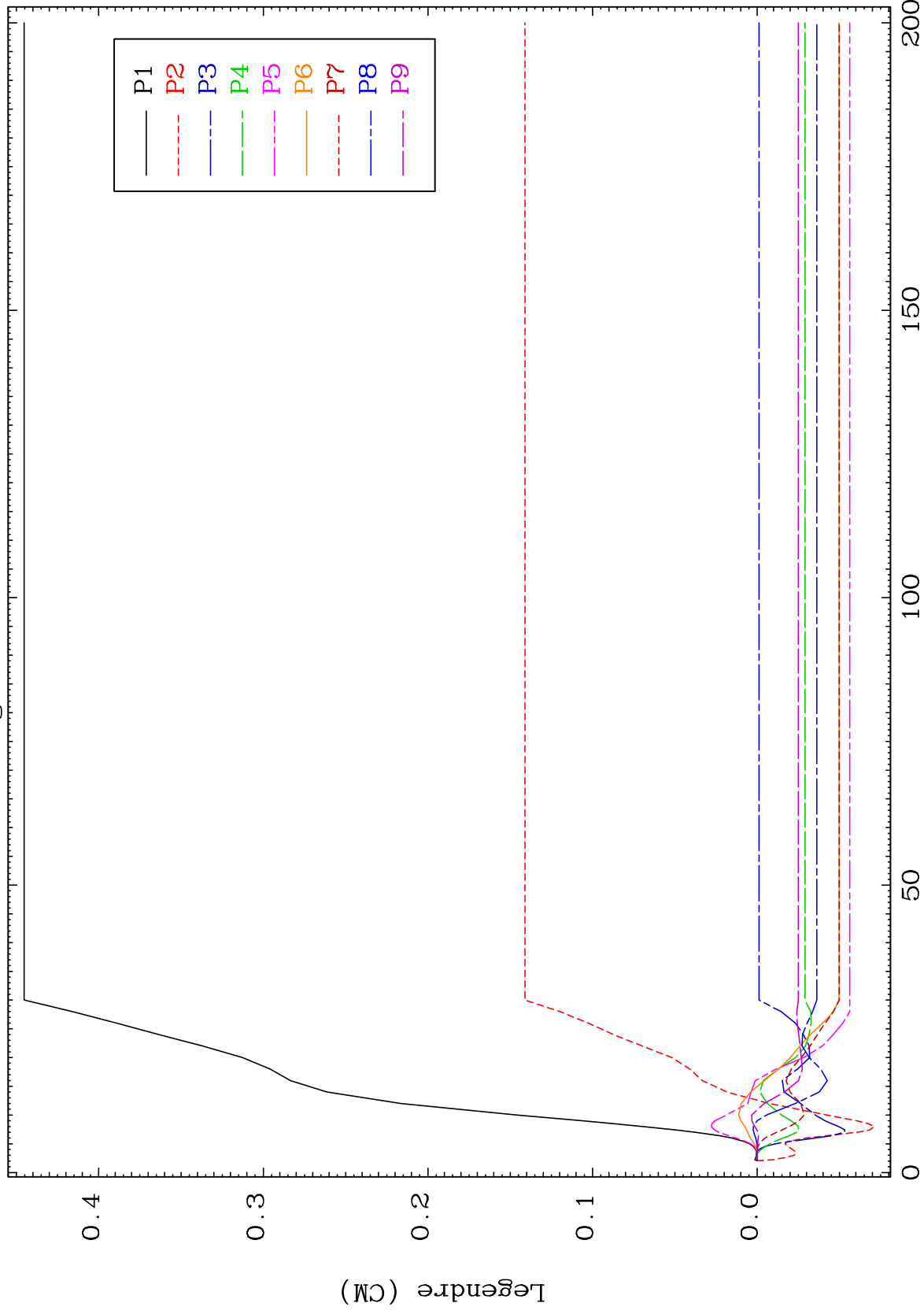
58-Ce-132



MAT 5813

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

58-Ce-132



87

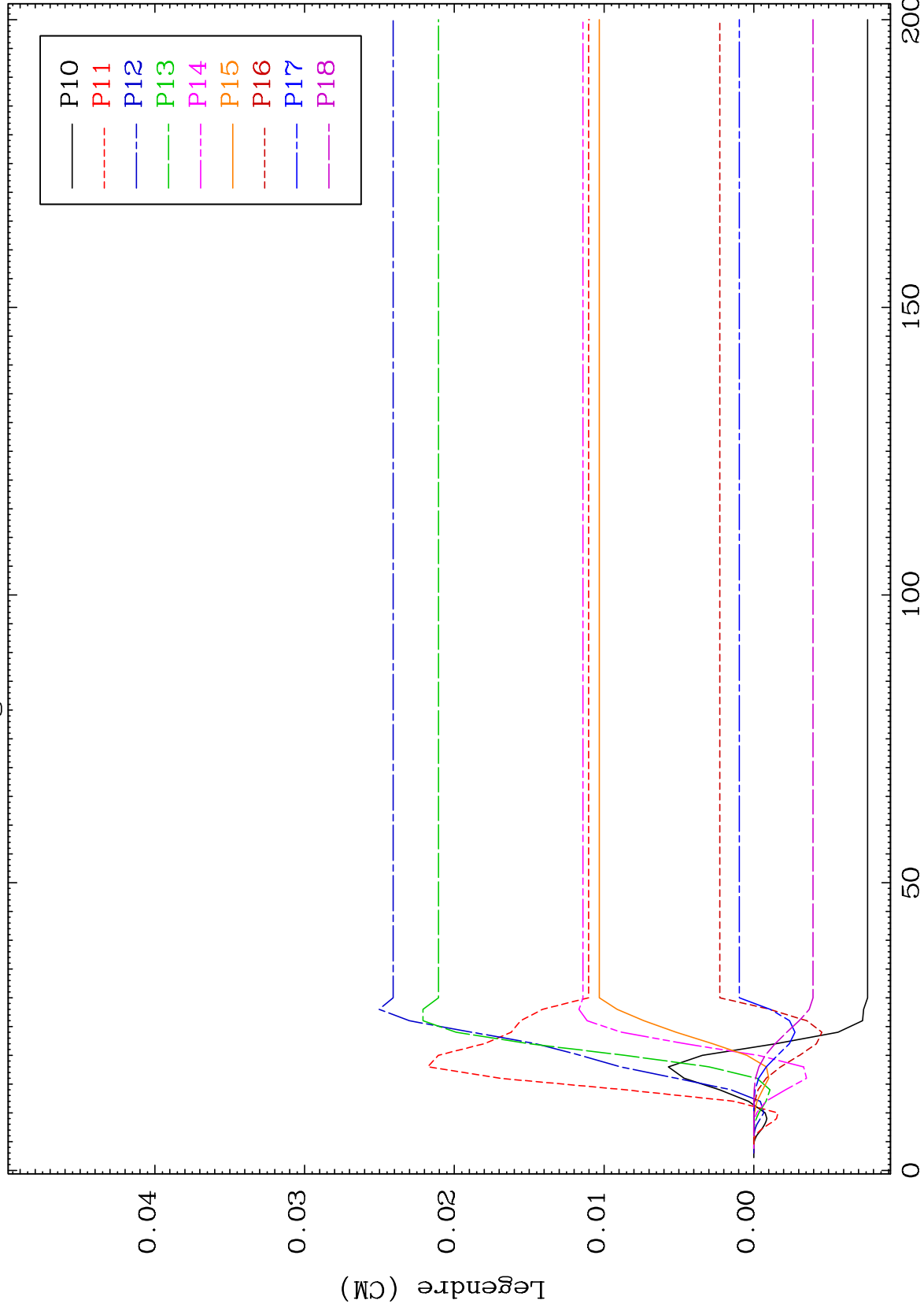
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



88

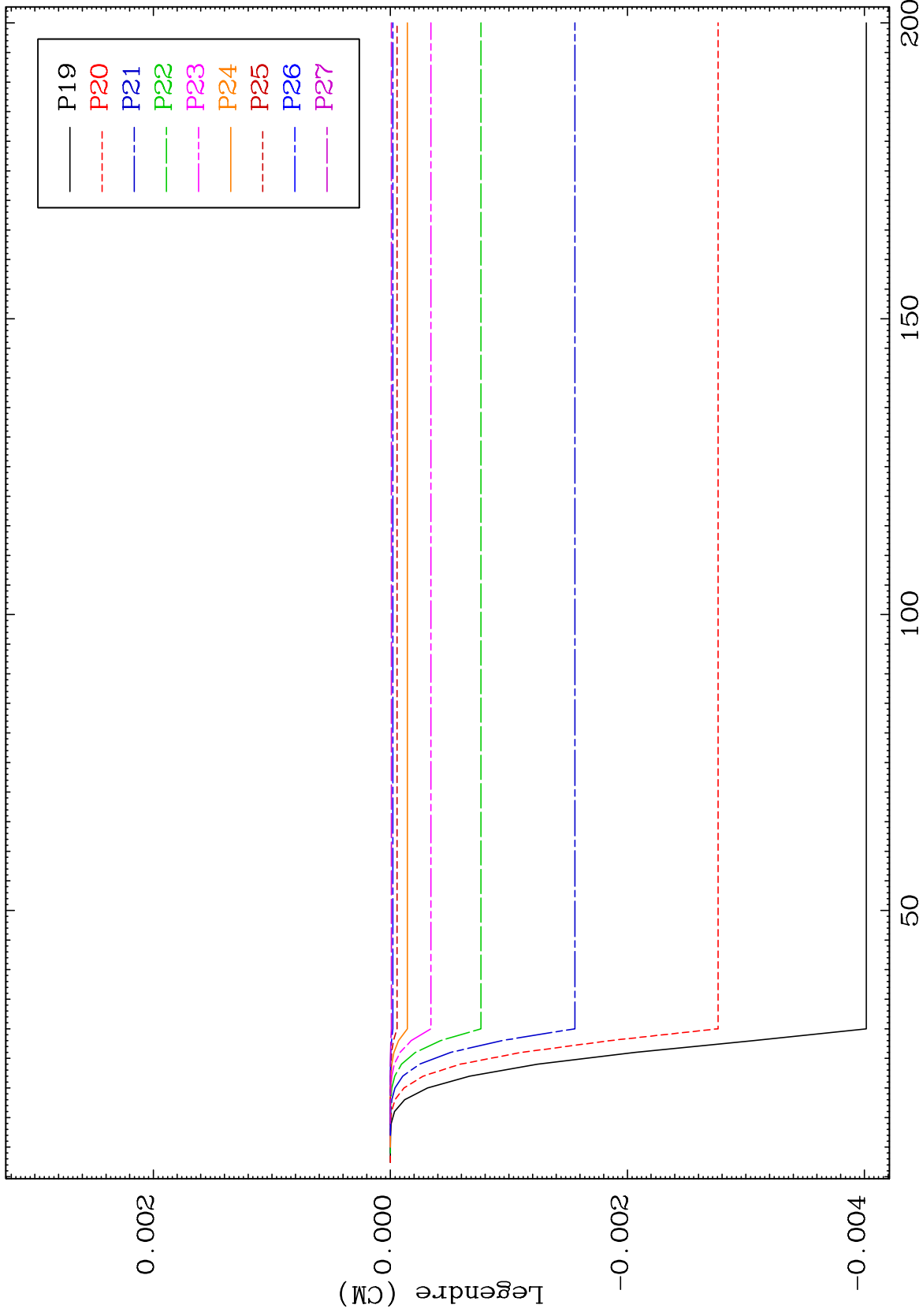
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



89

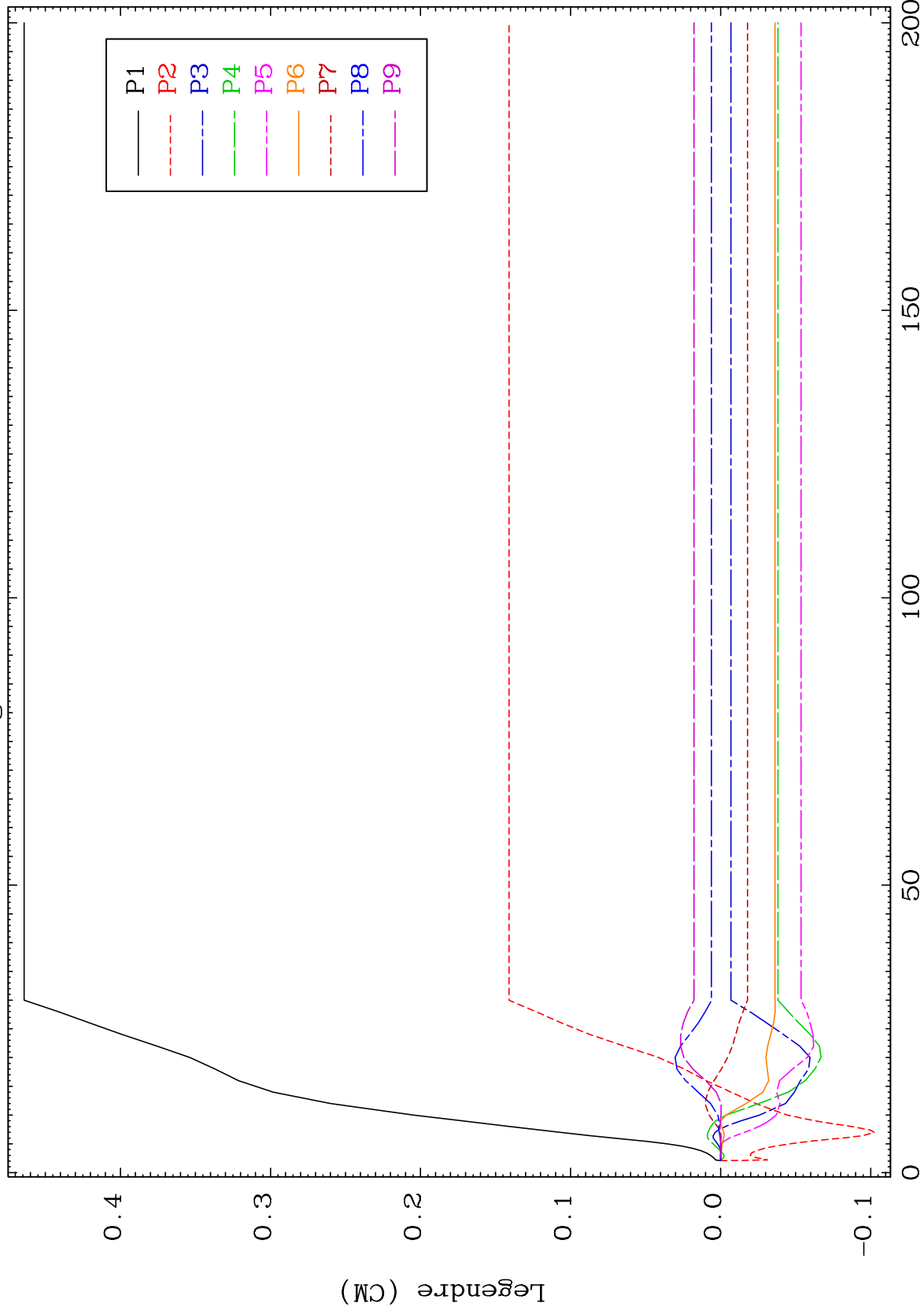
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



91

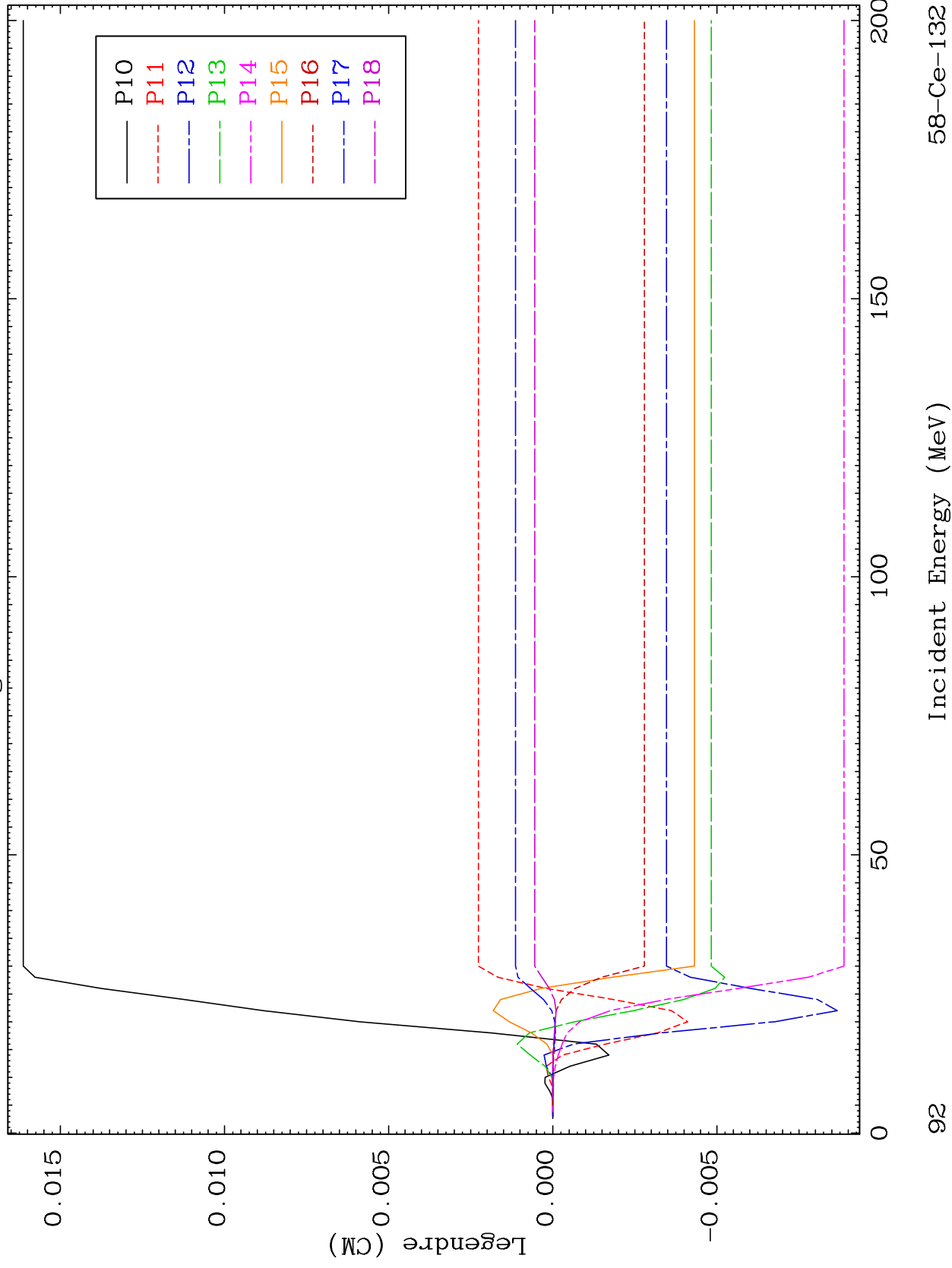
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



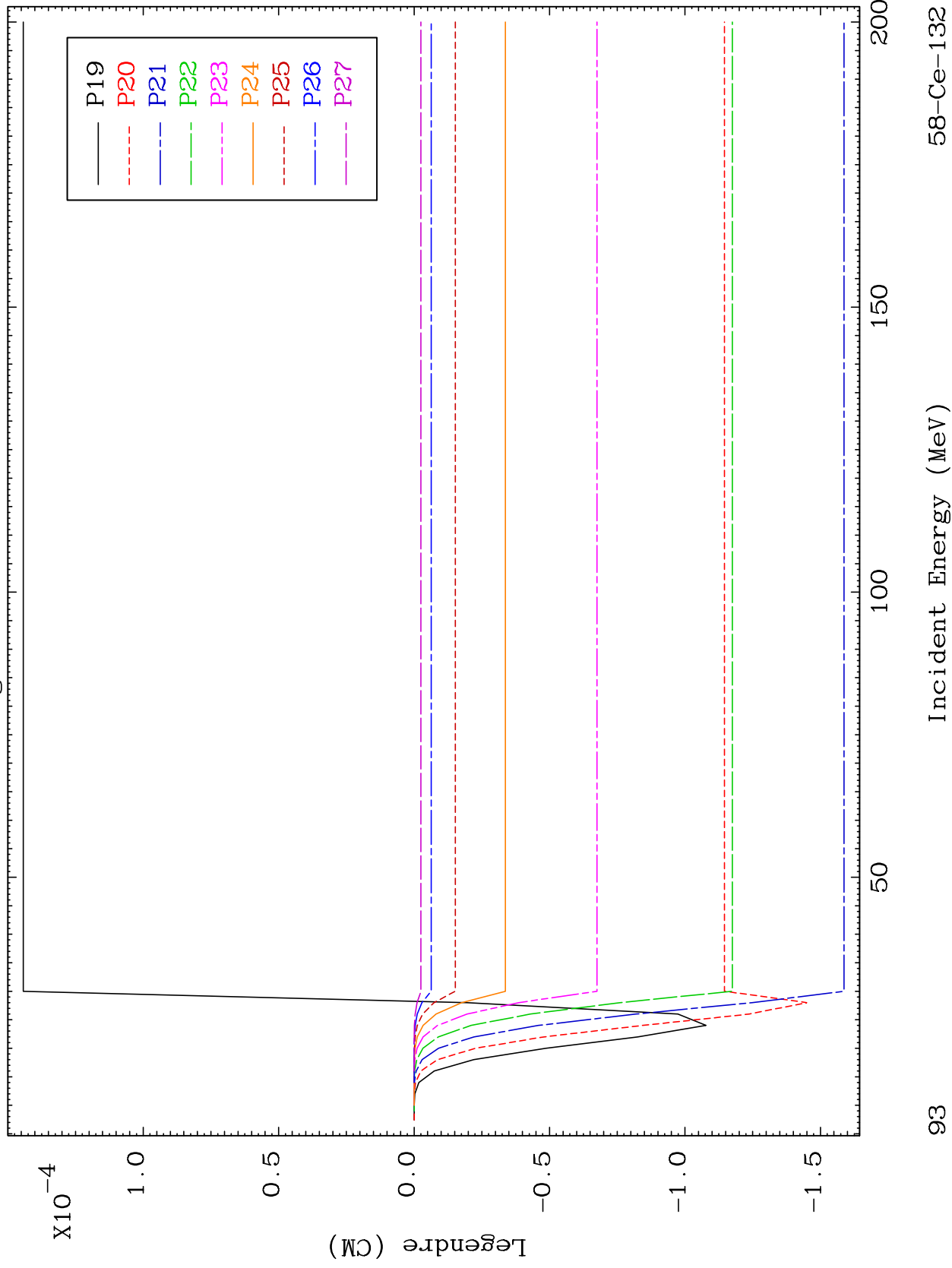
92

58-Ce-132

MAT 5813

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

58-Ce-132



93

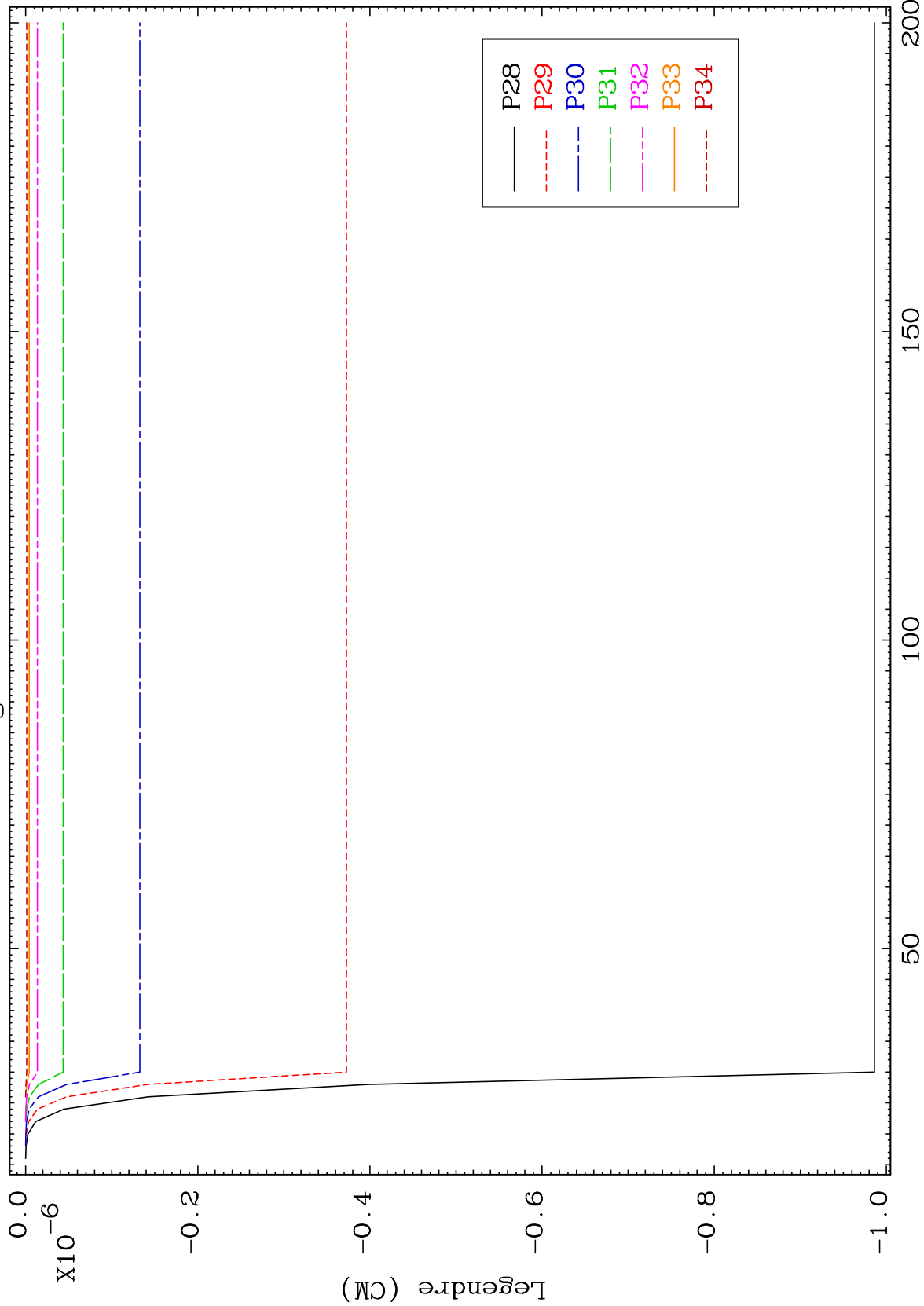
58-Ce-132

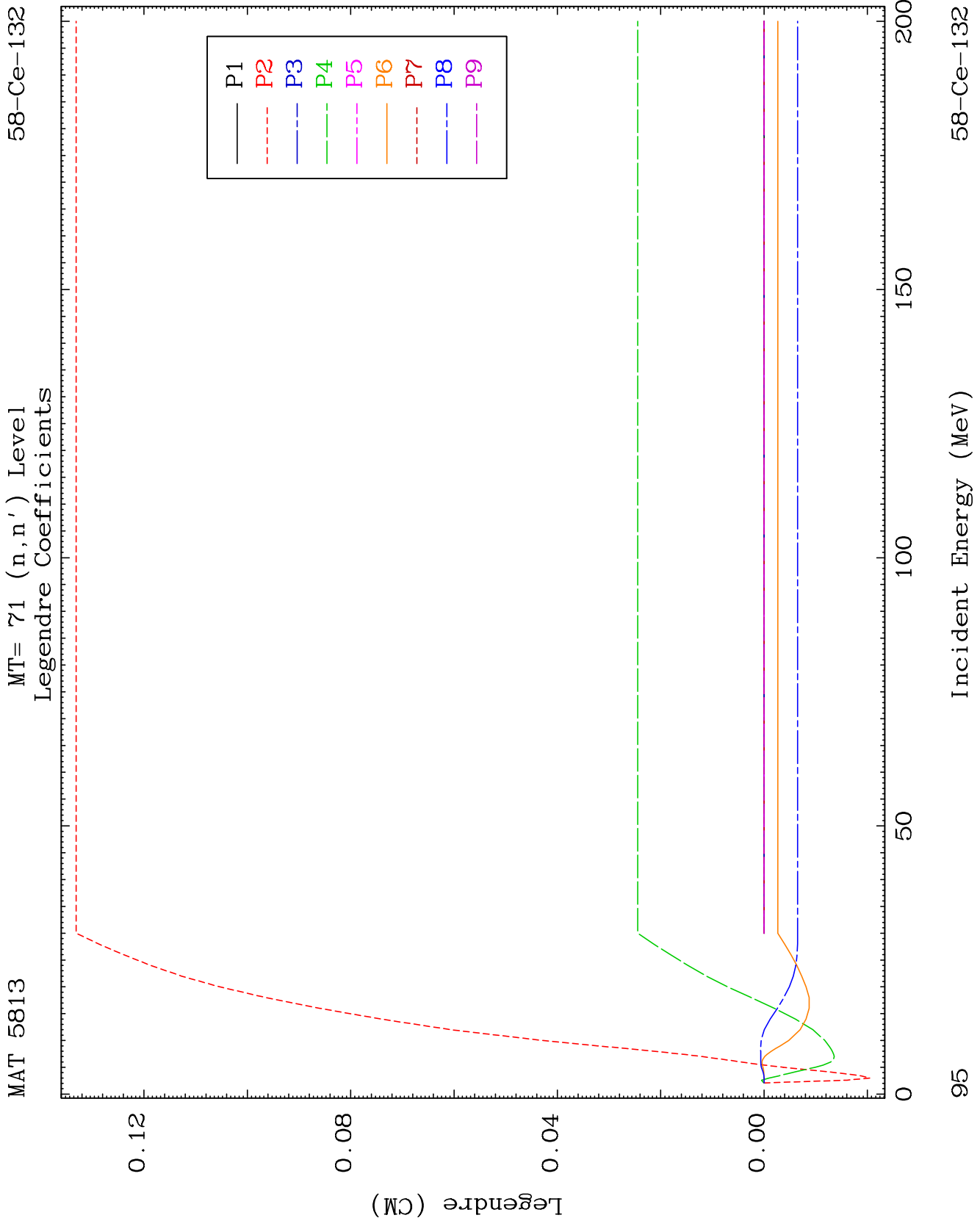
MAT 5813

MT= 70 (n,n') Level

58-Ce-132

Legendre Coefficients

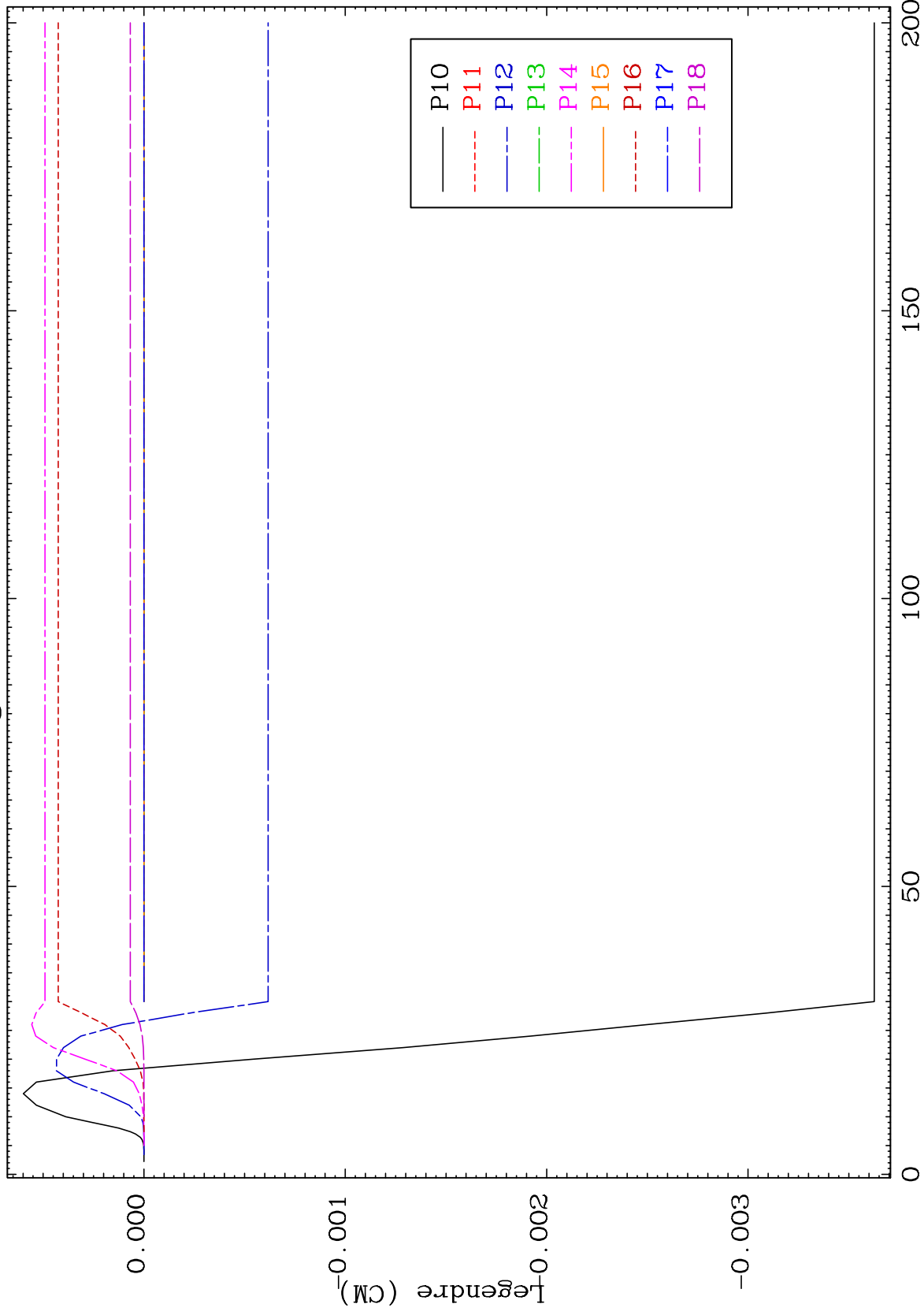




MAT 5813

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

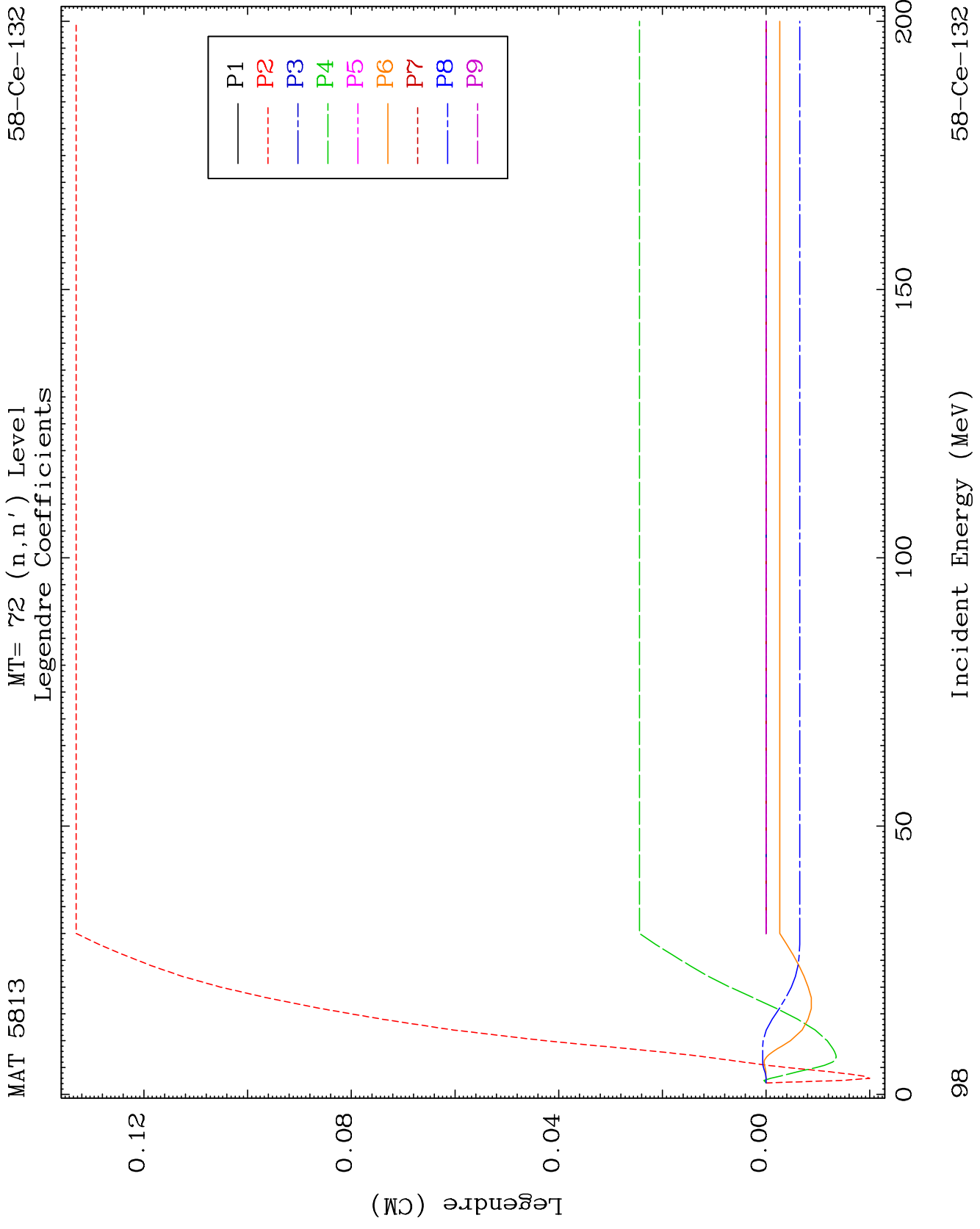
58-Ce-132



96

Incident Energy (MeV)

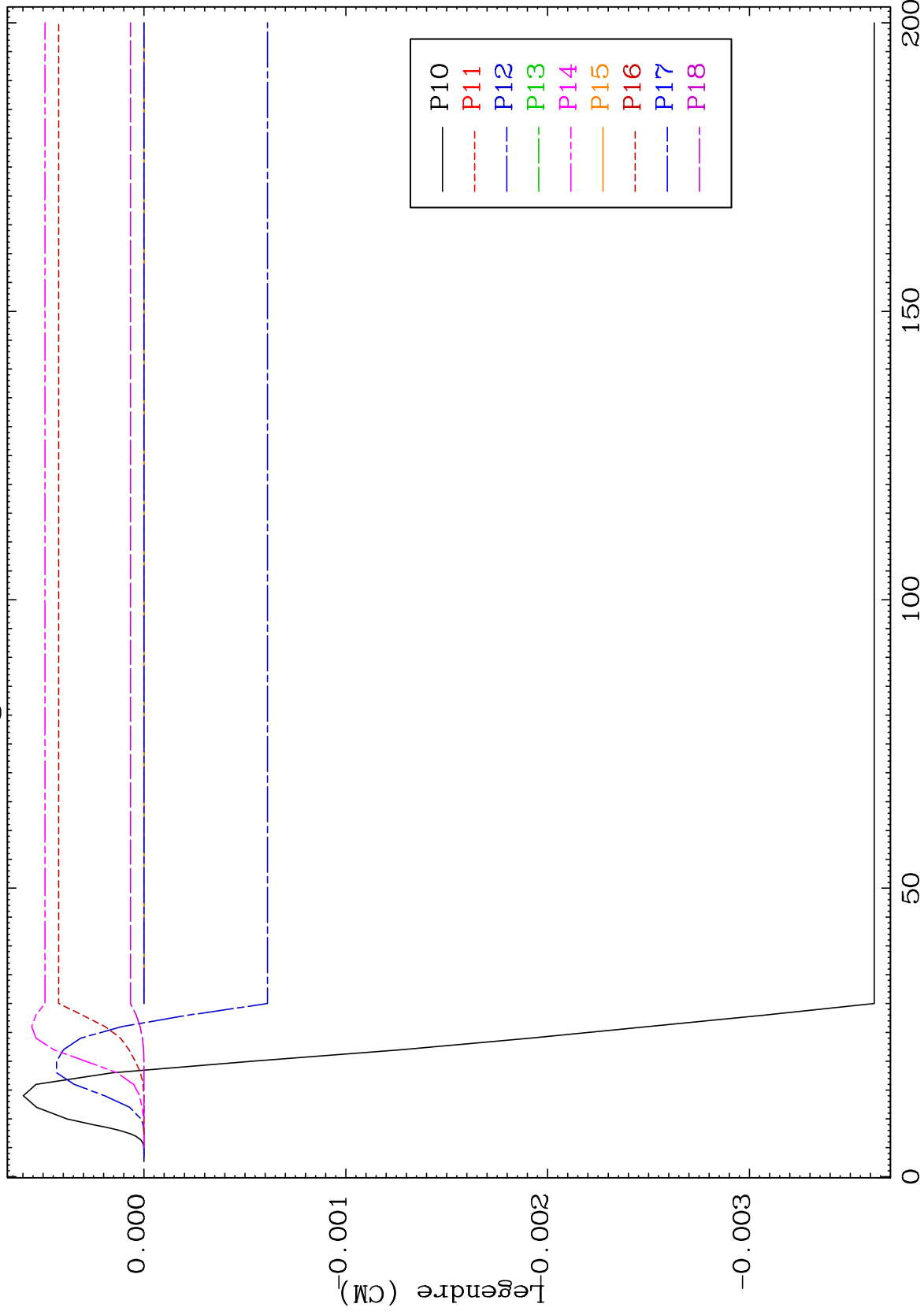
58-Ce-132



MAT 5813

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

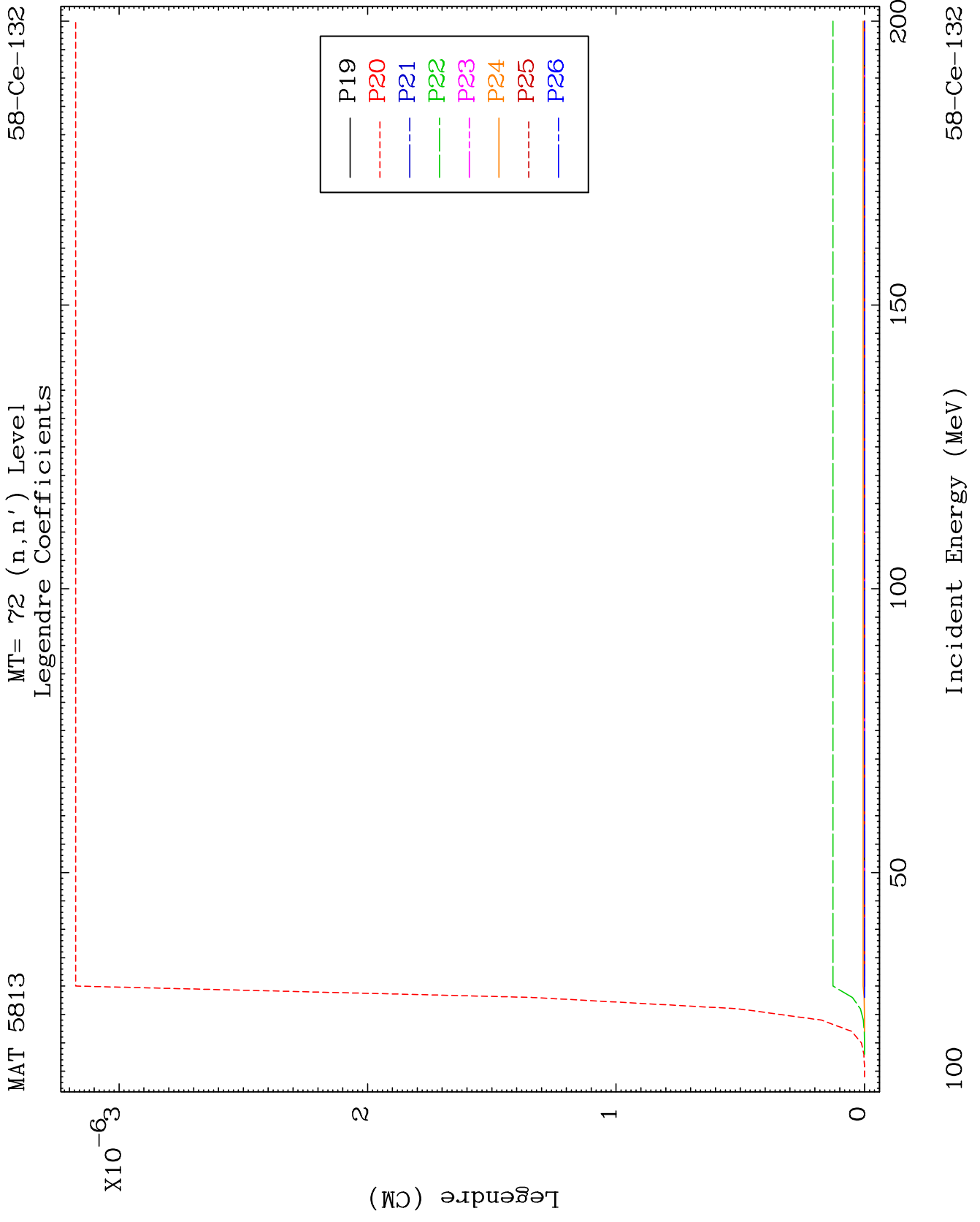
58-Ce-132



99

Incident Energy (MeV)

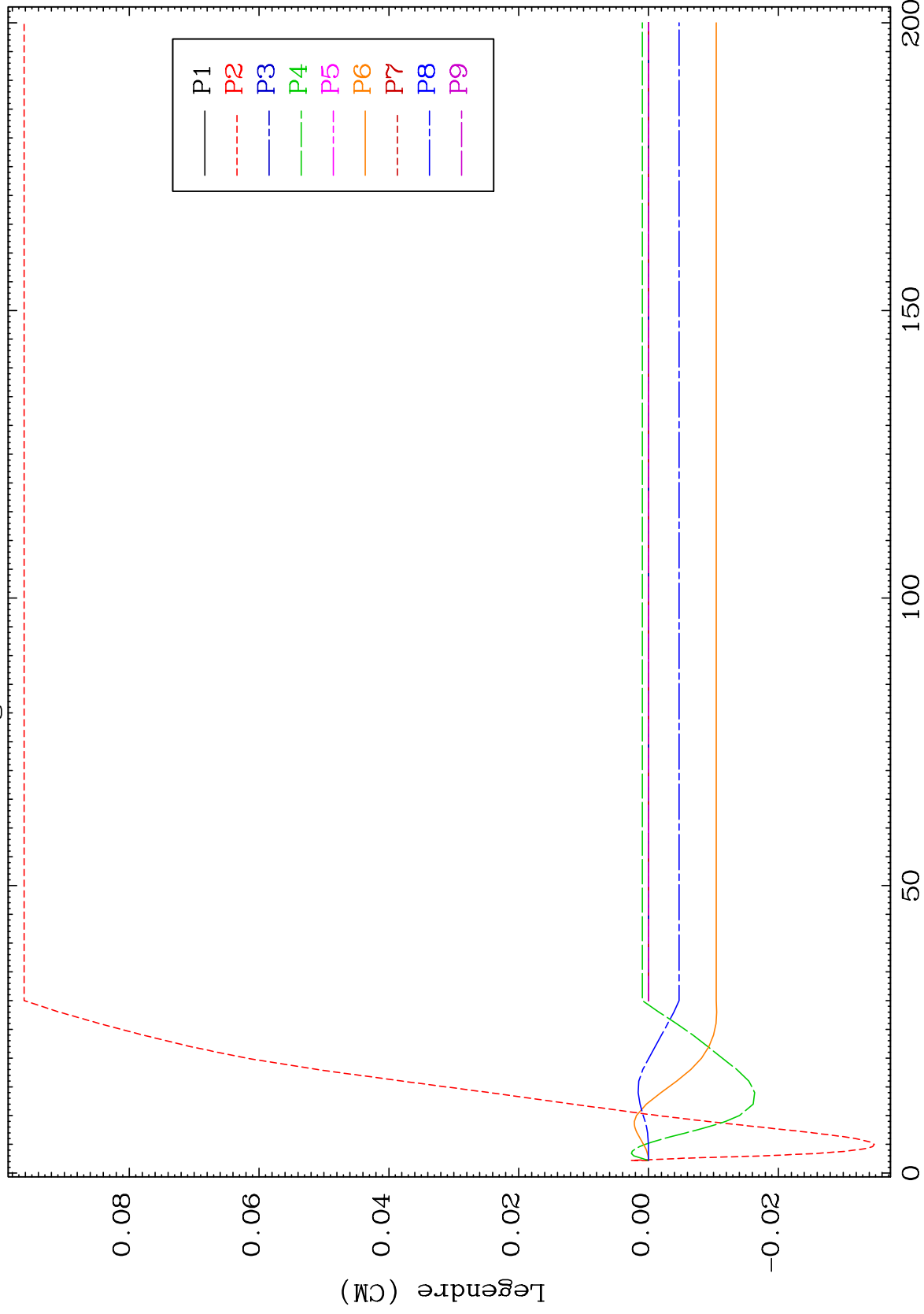
58-Ce-132



MAT 5813

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

58-Ce-132



101

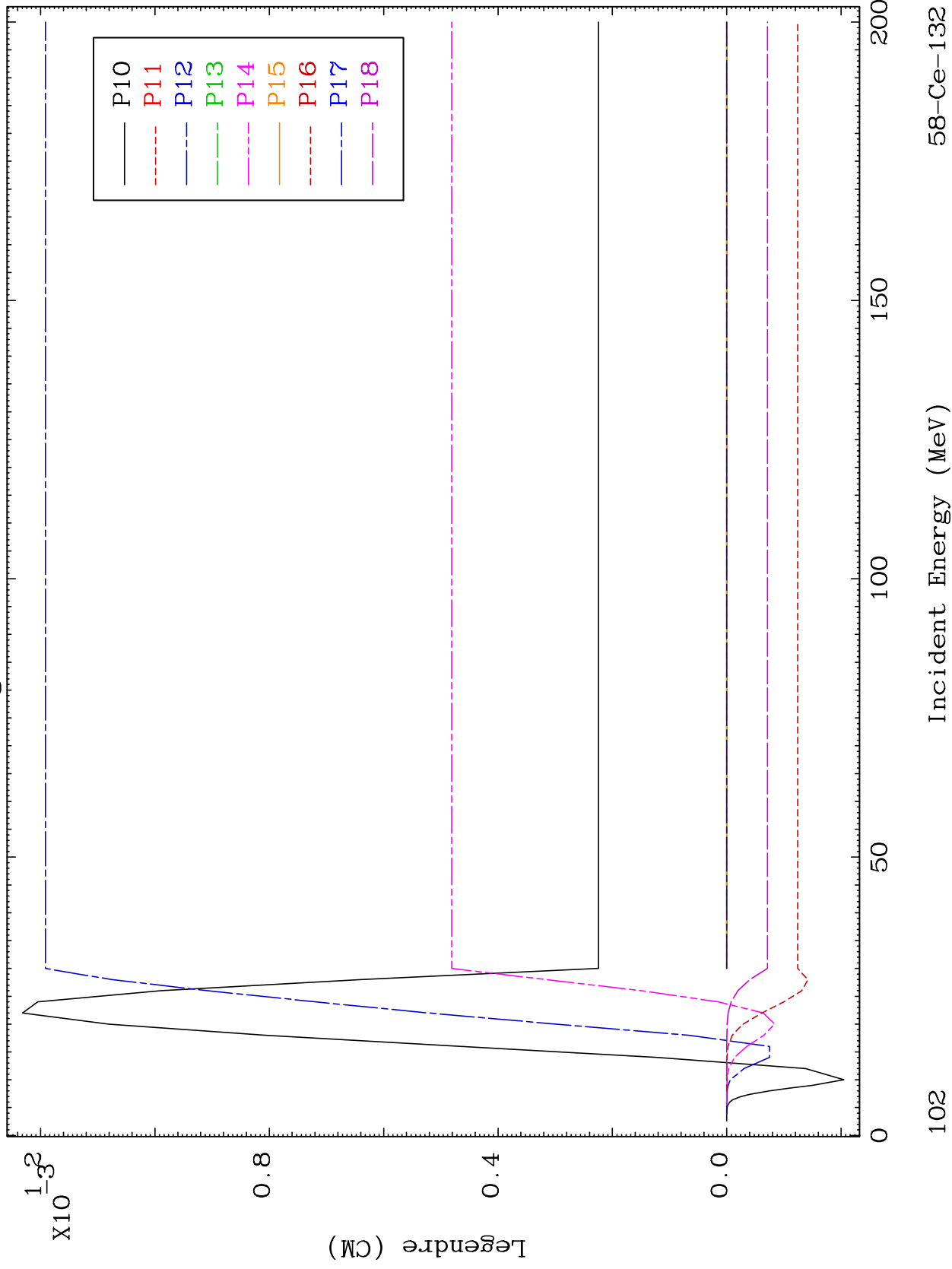
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

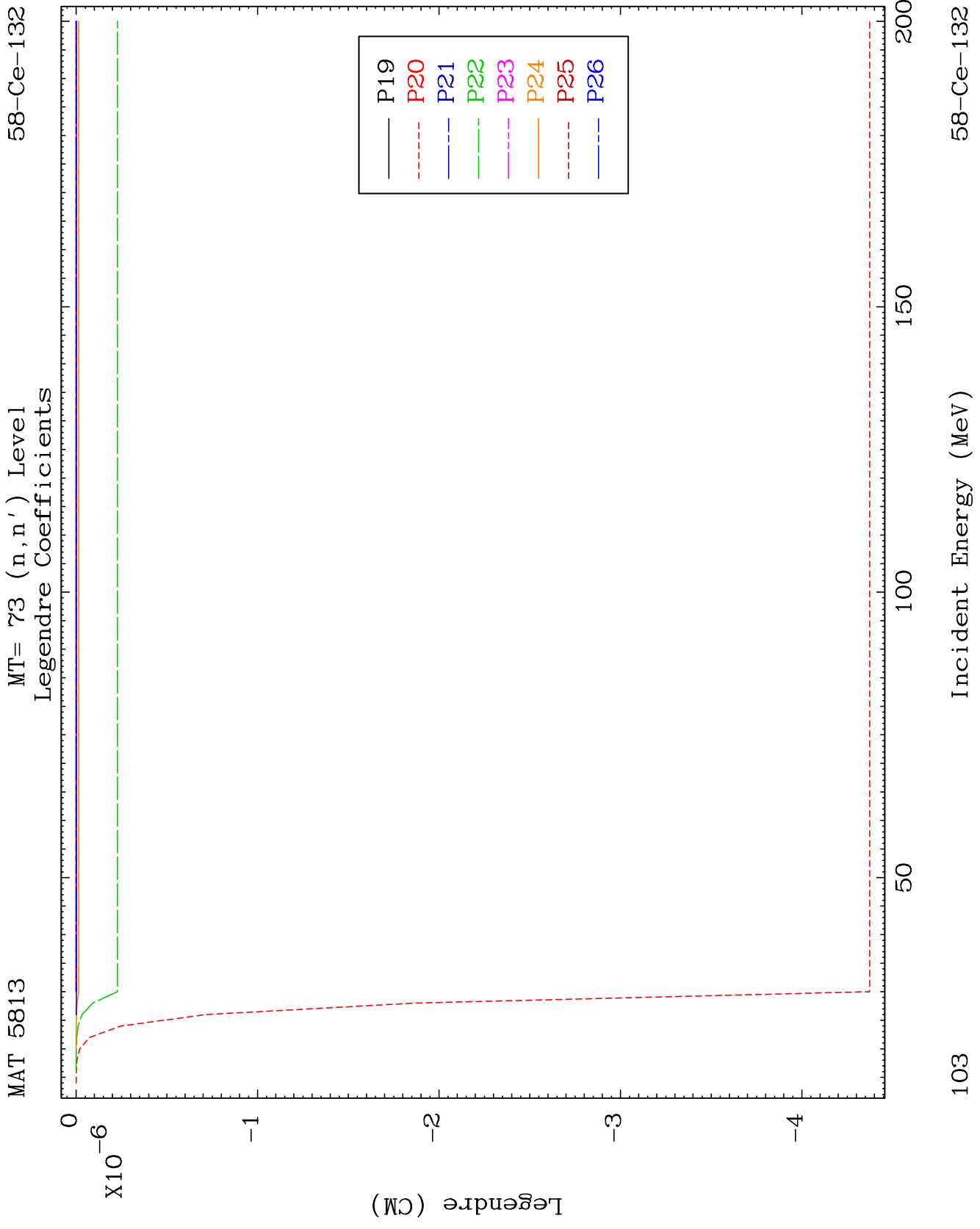
58-Ce-132

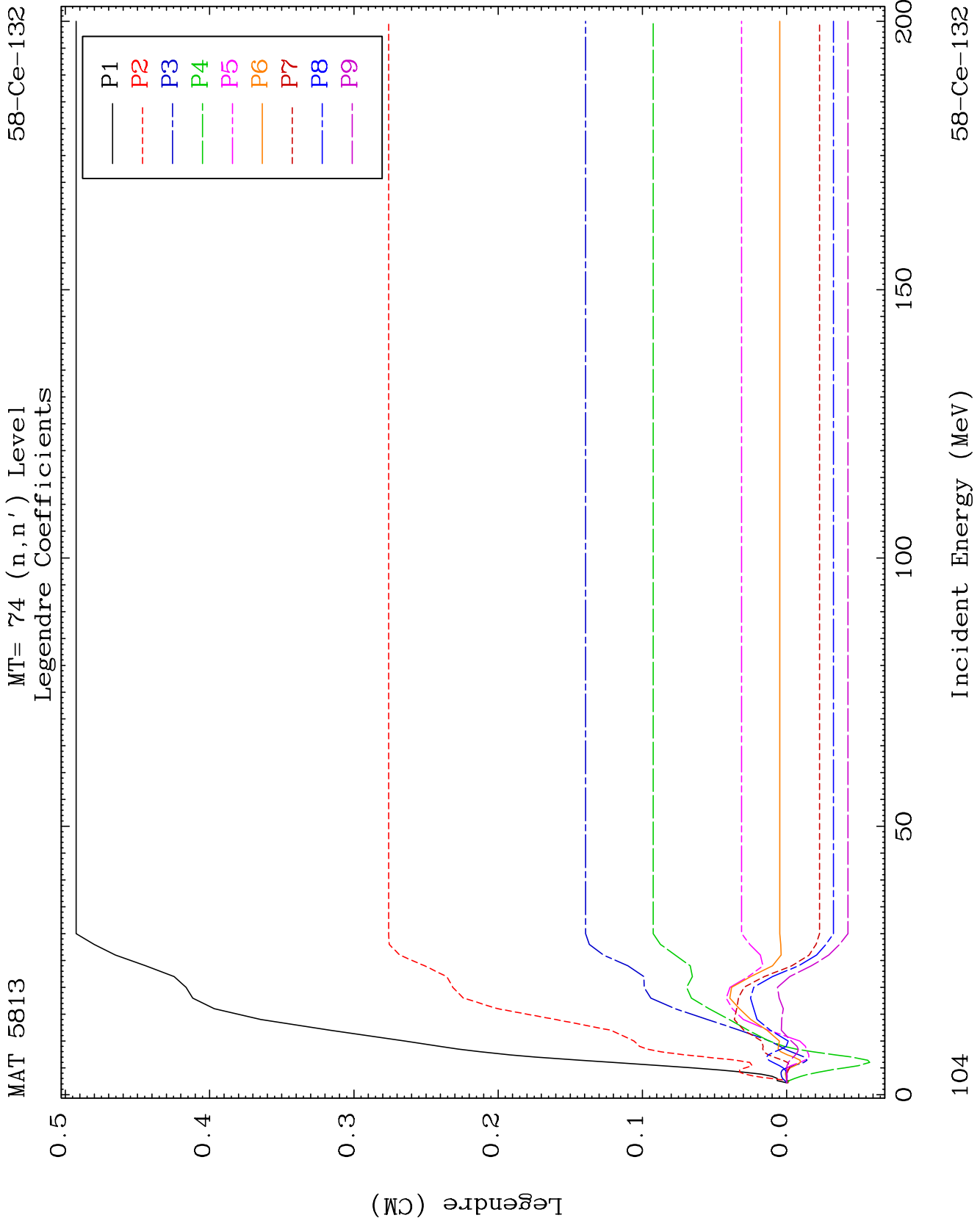


102

Incident Energy (MeV)

58-Ce-132

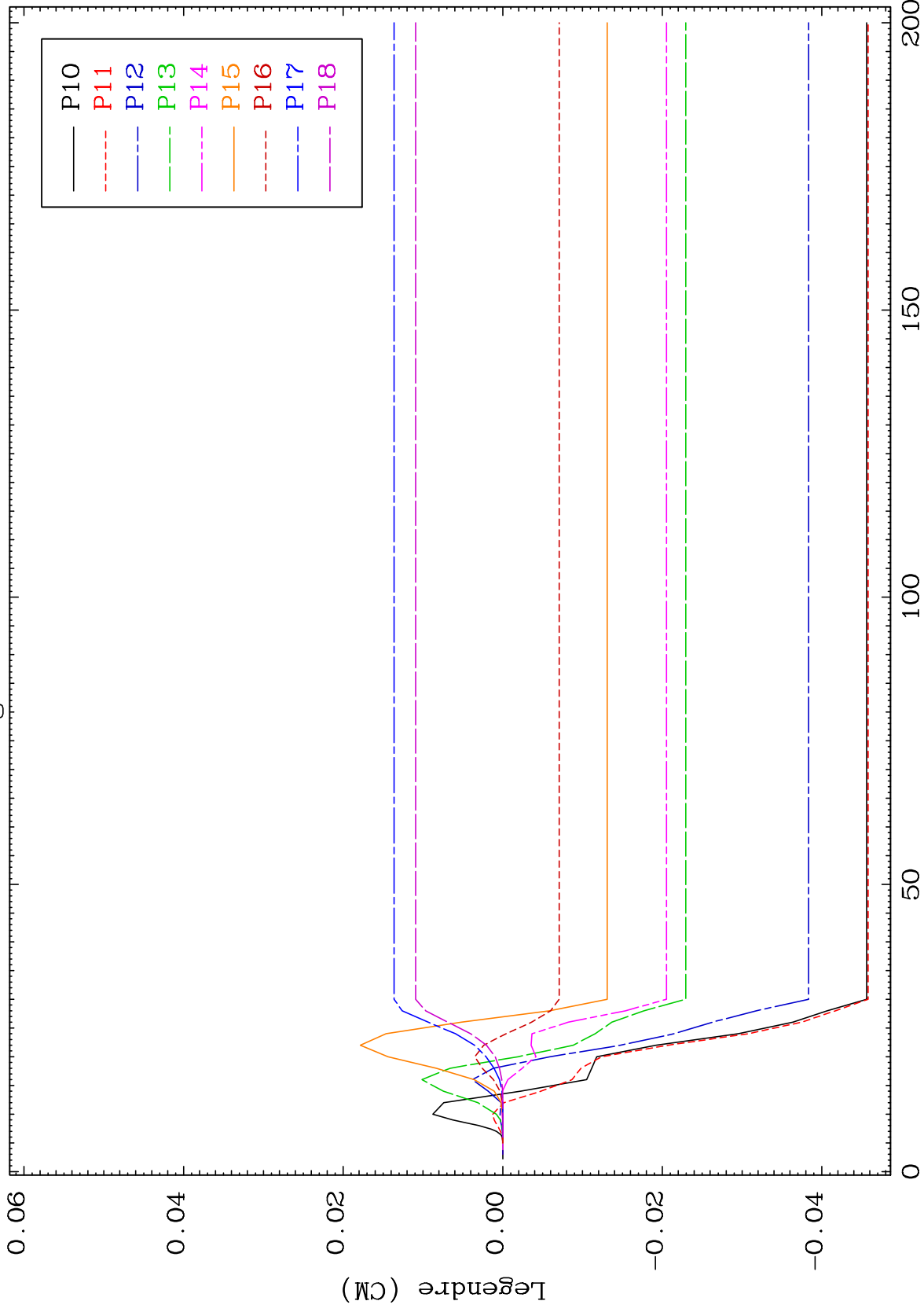




MAT 5813

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

58-Ce-132



105

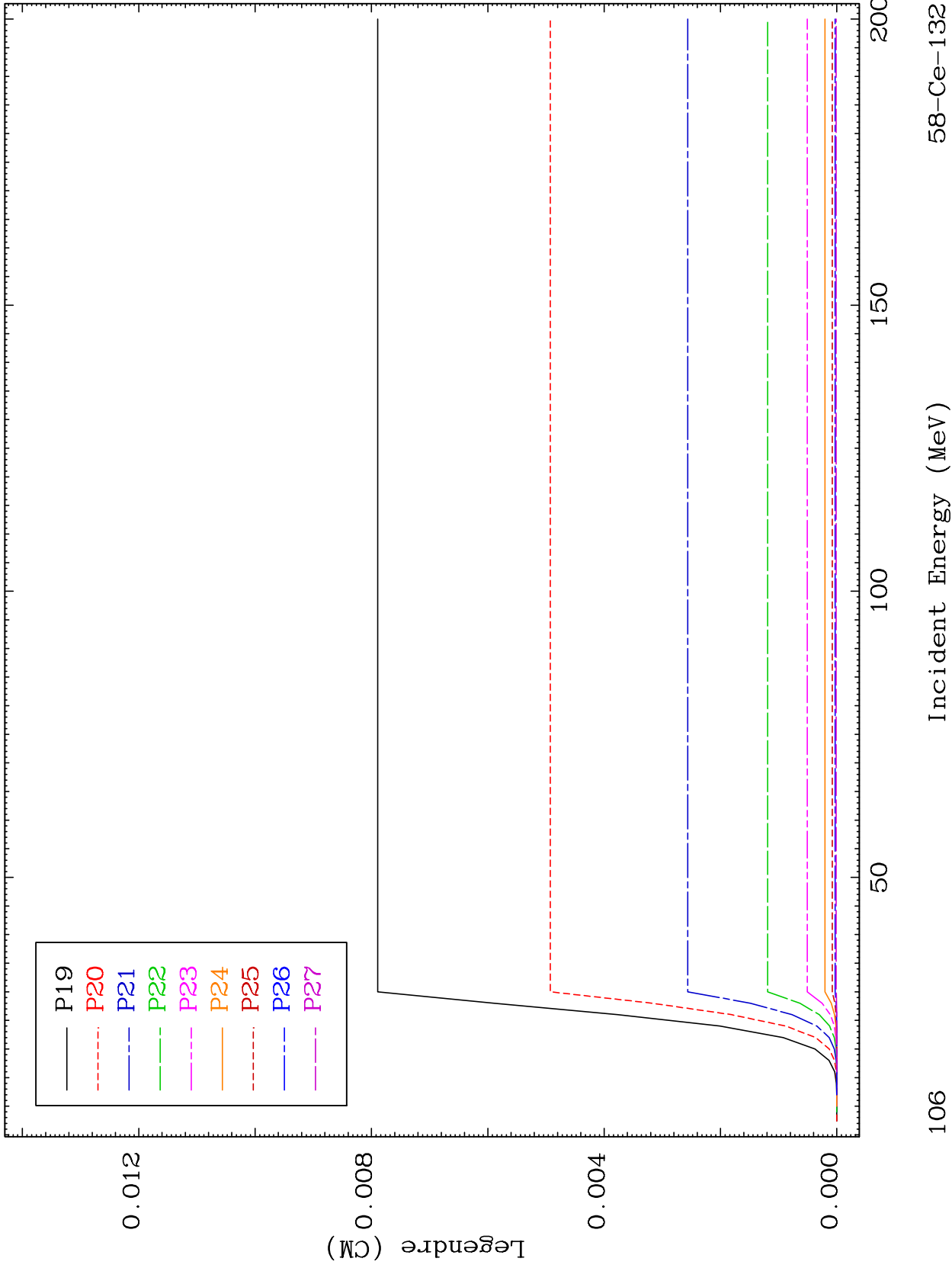
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



106

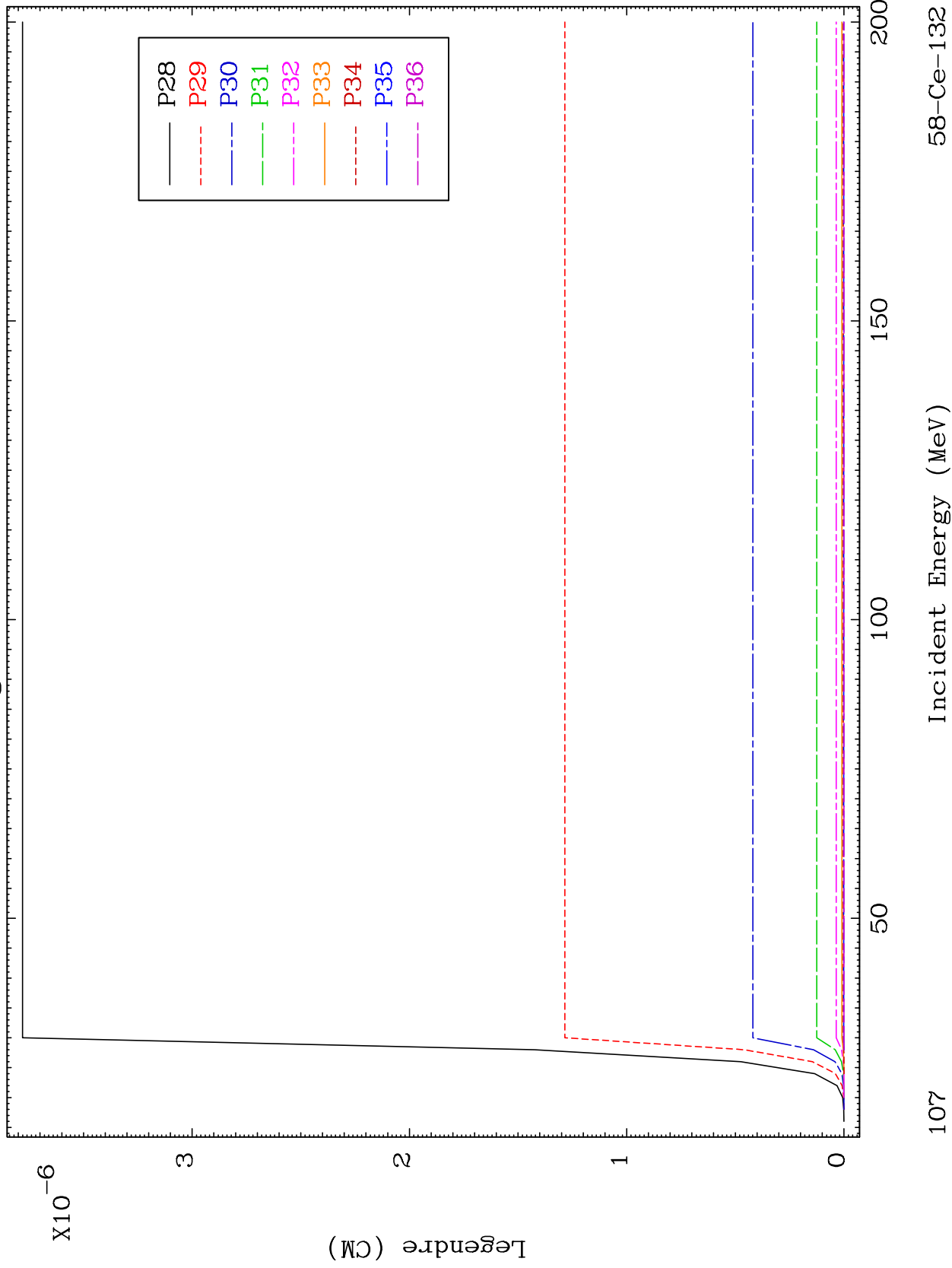
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

58-Ce-132



107

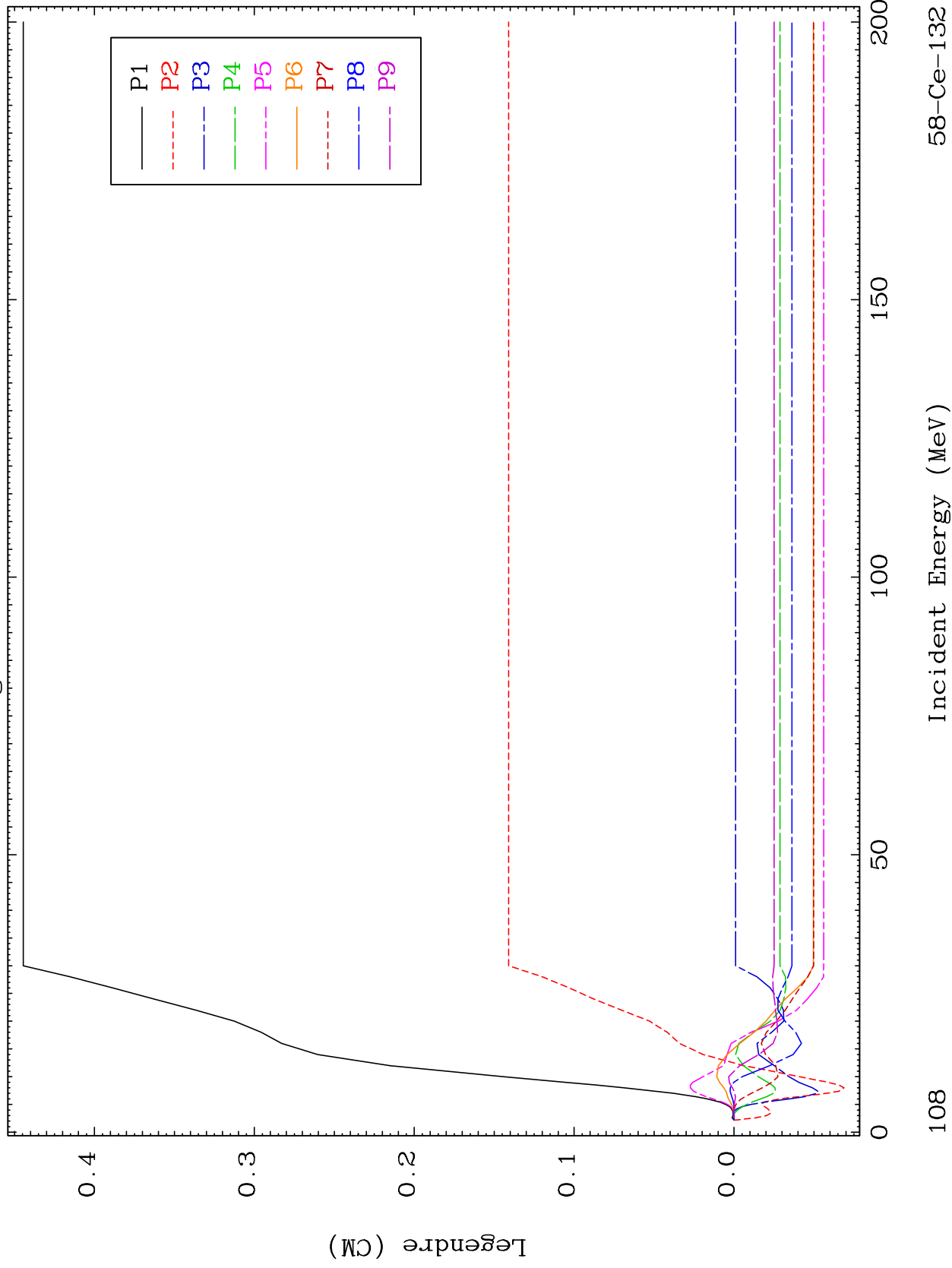
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

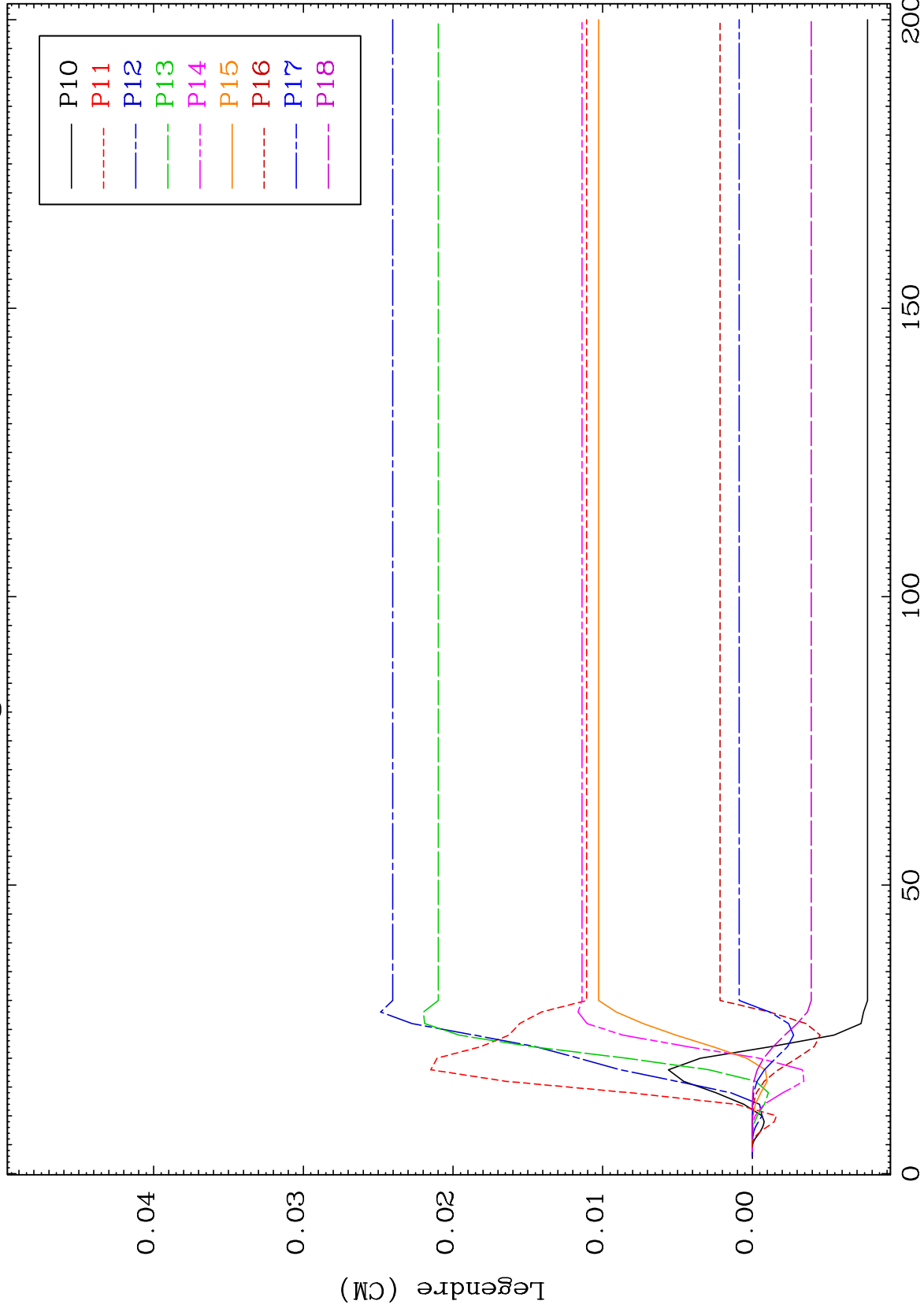
58-Ce-132



MAT 5813

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

58-Ce-132



109

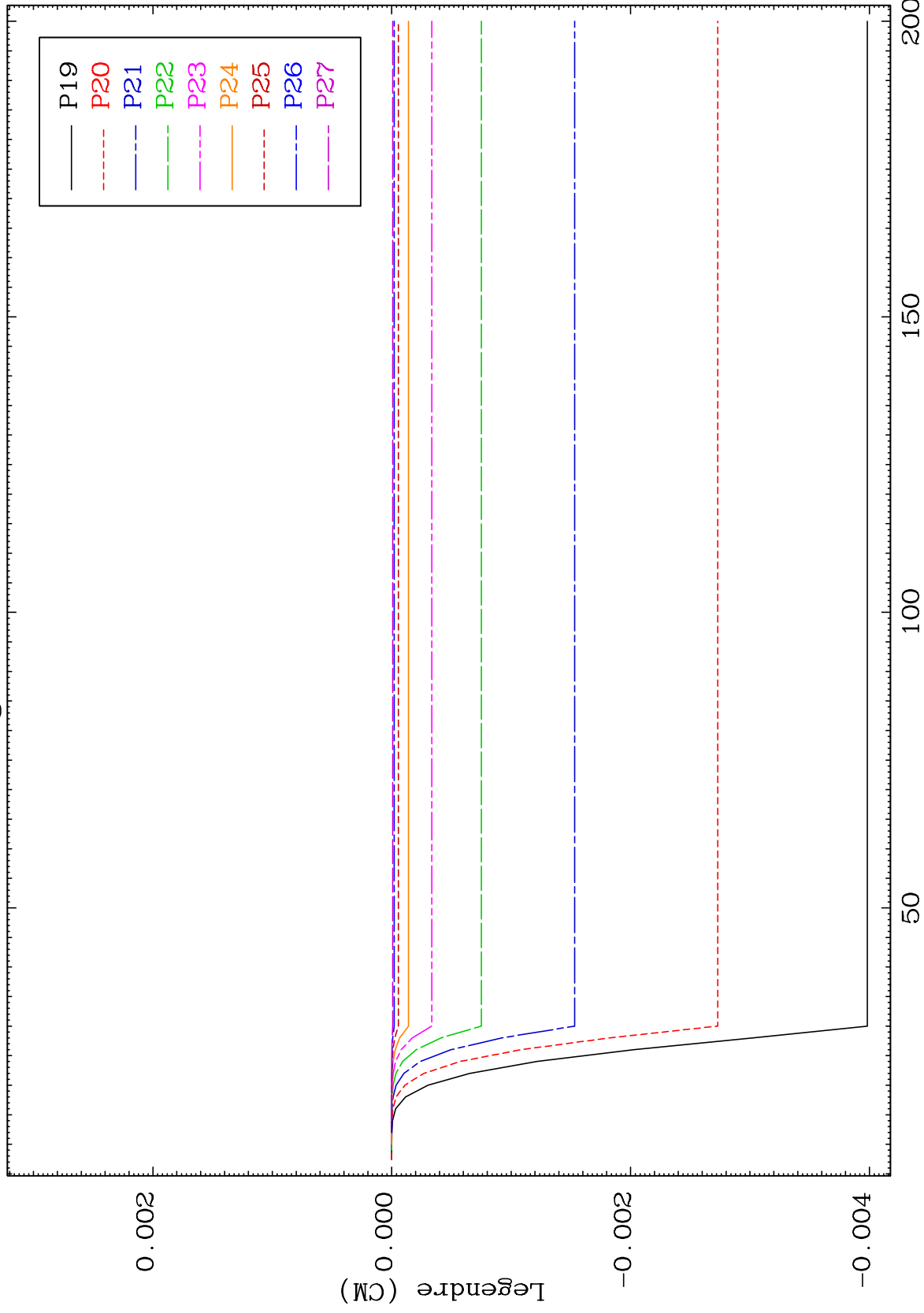
Incident Energy (MeV)

58-Ce-132

MAT 5813

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

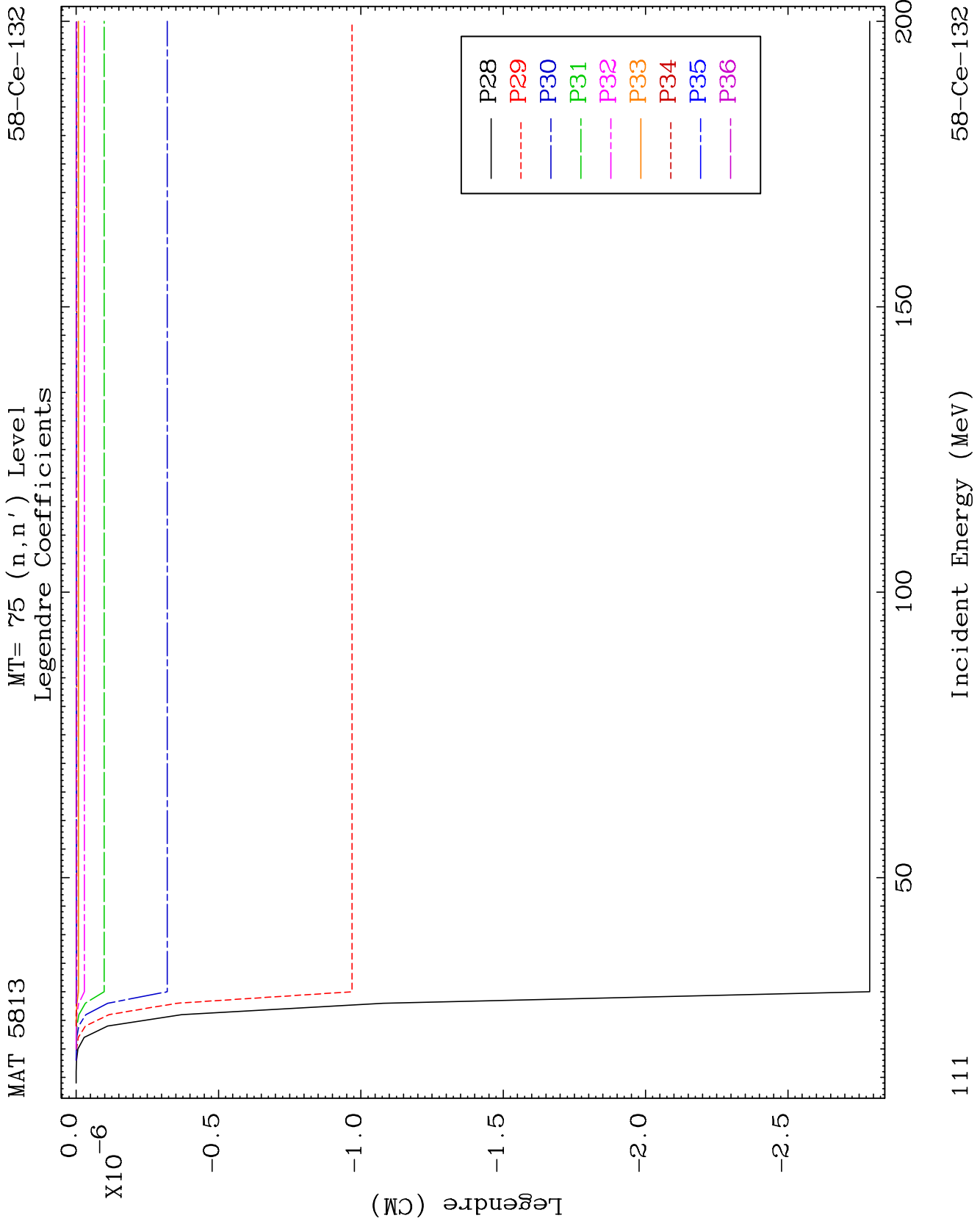
58-Ce-132

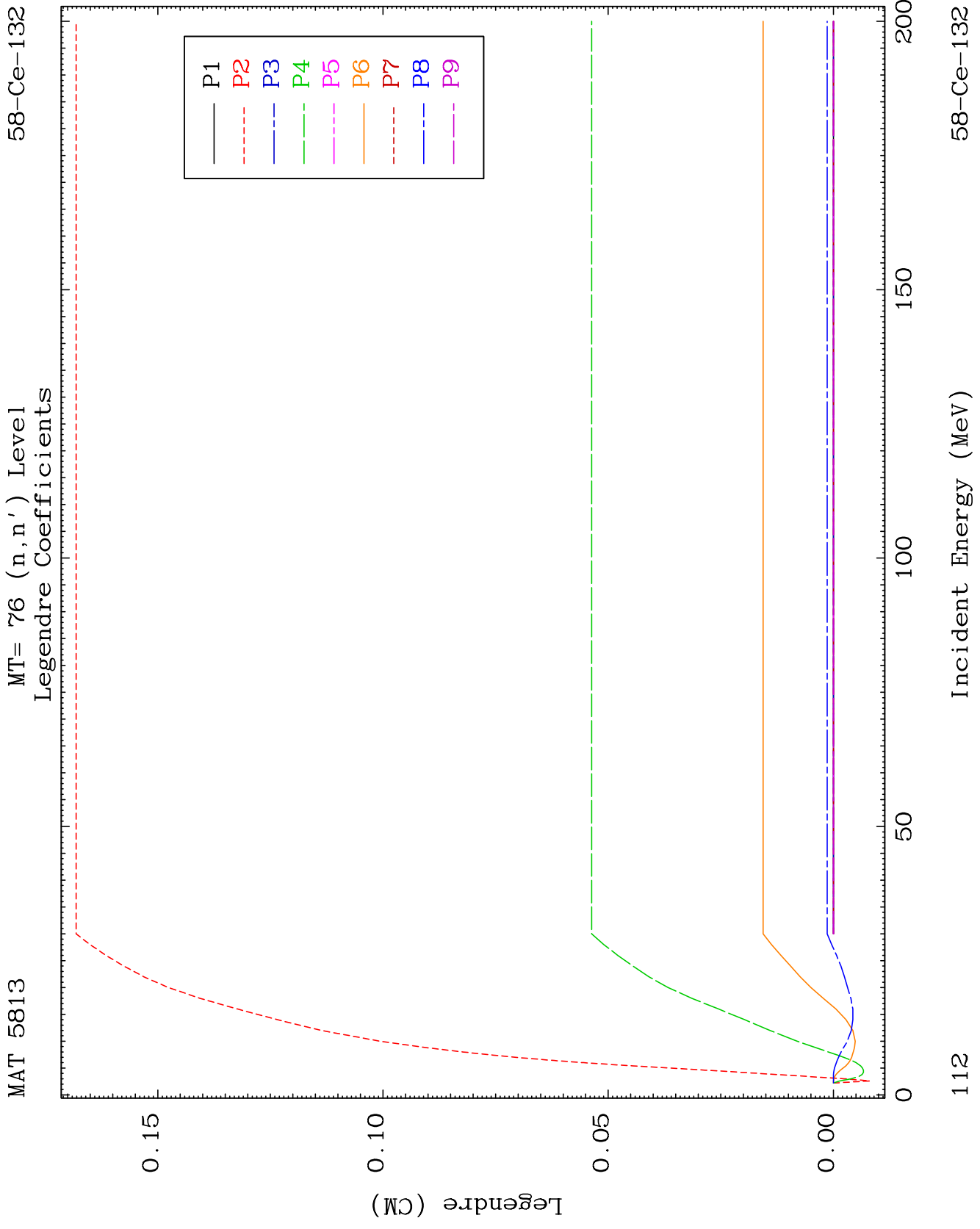


110

Incident Energy (MeV)

58-Ce-132

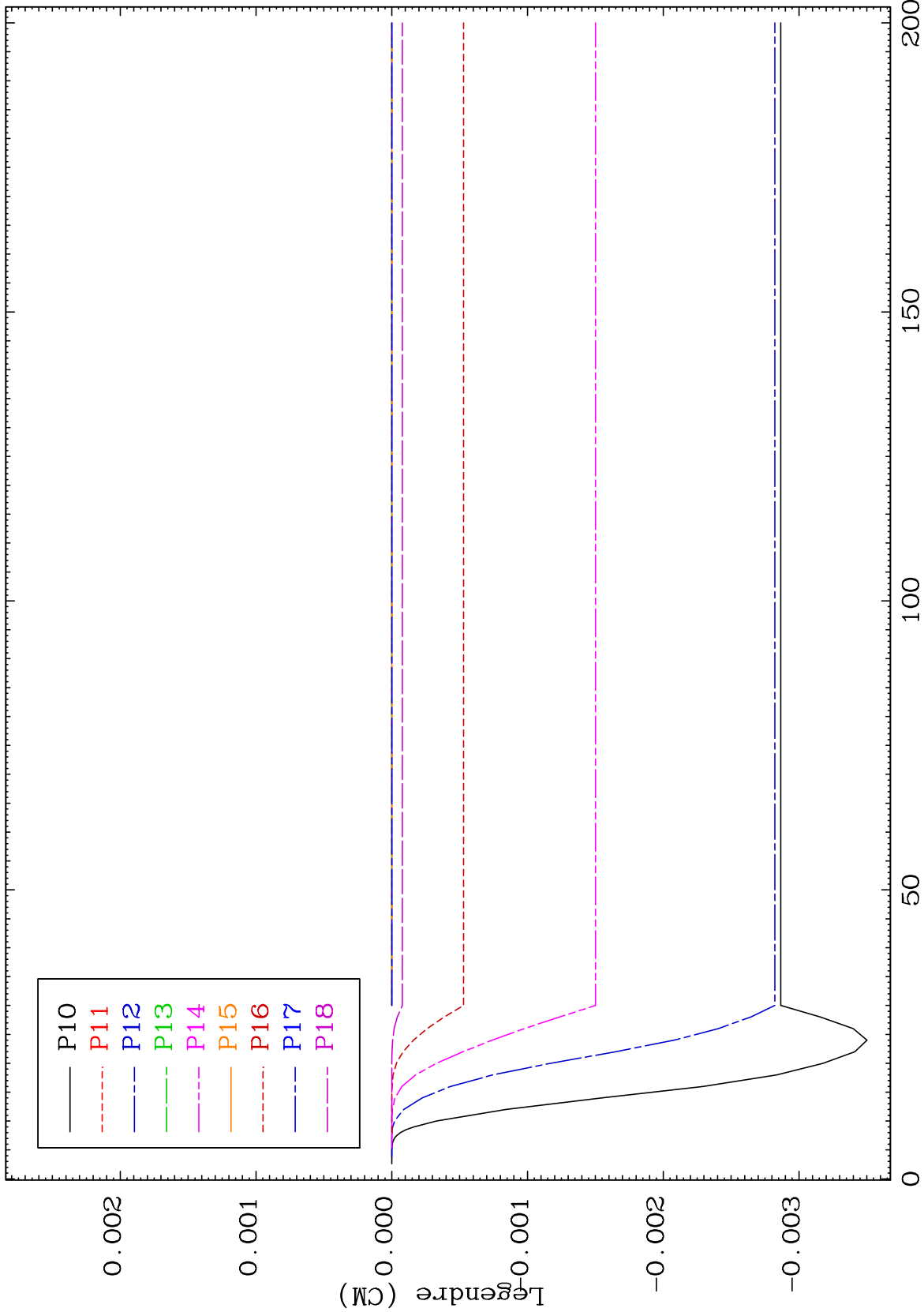




MAT 5813

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

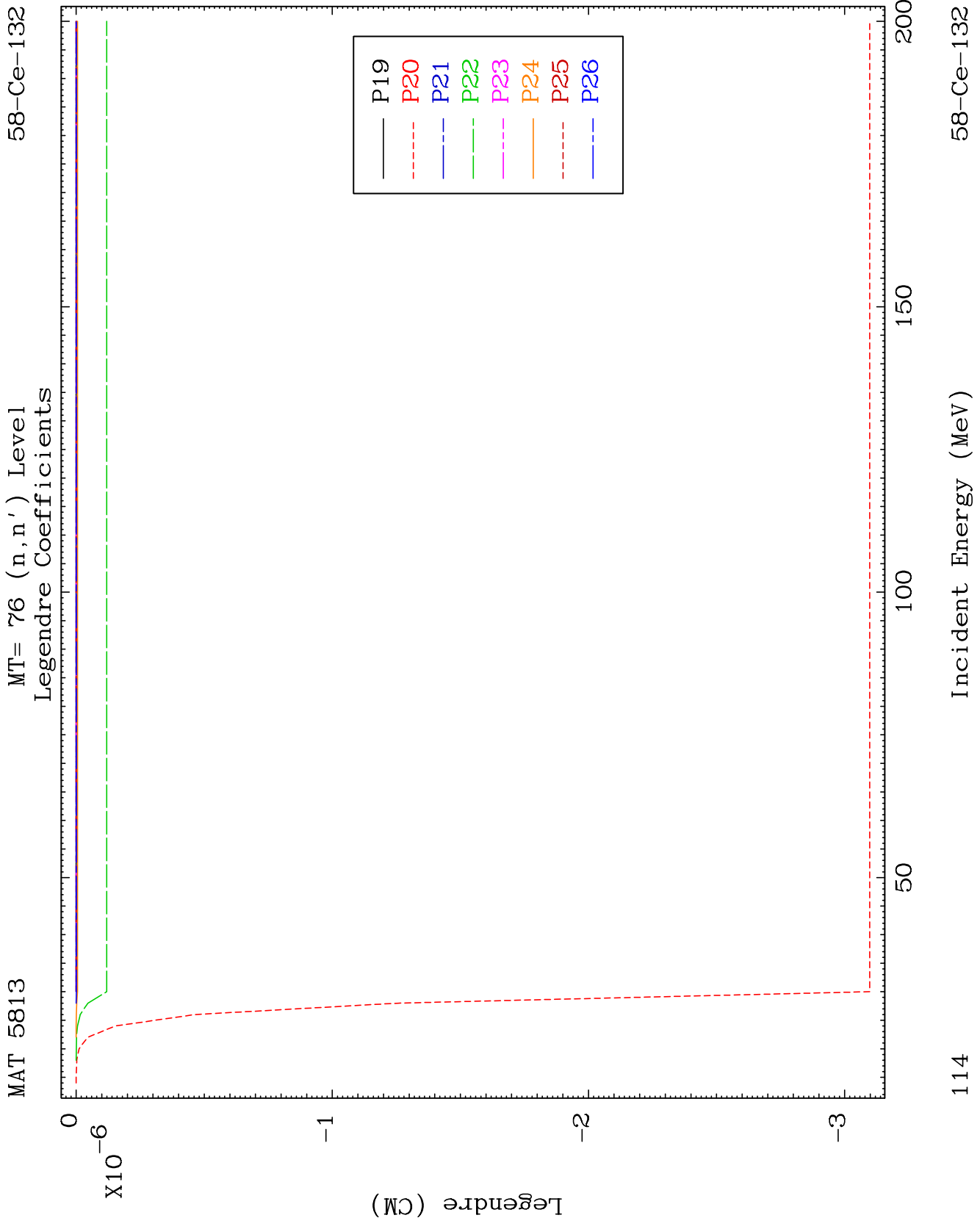
58-Ce-132



113

Incident Energy (MeV)

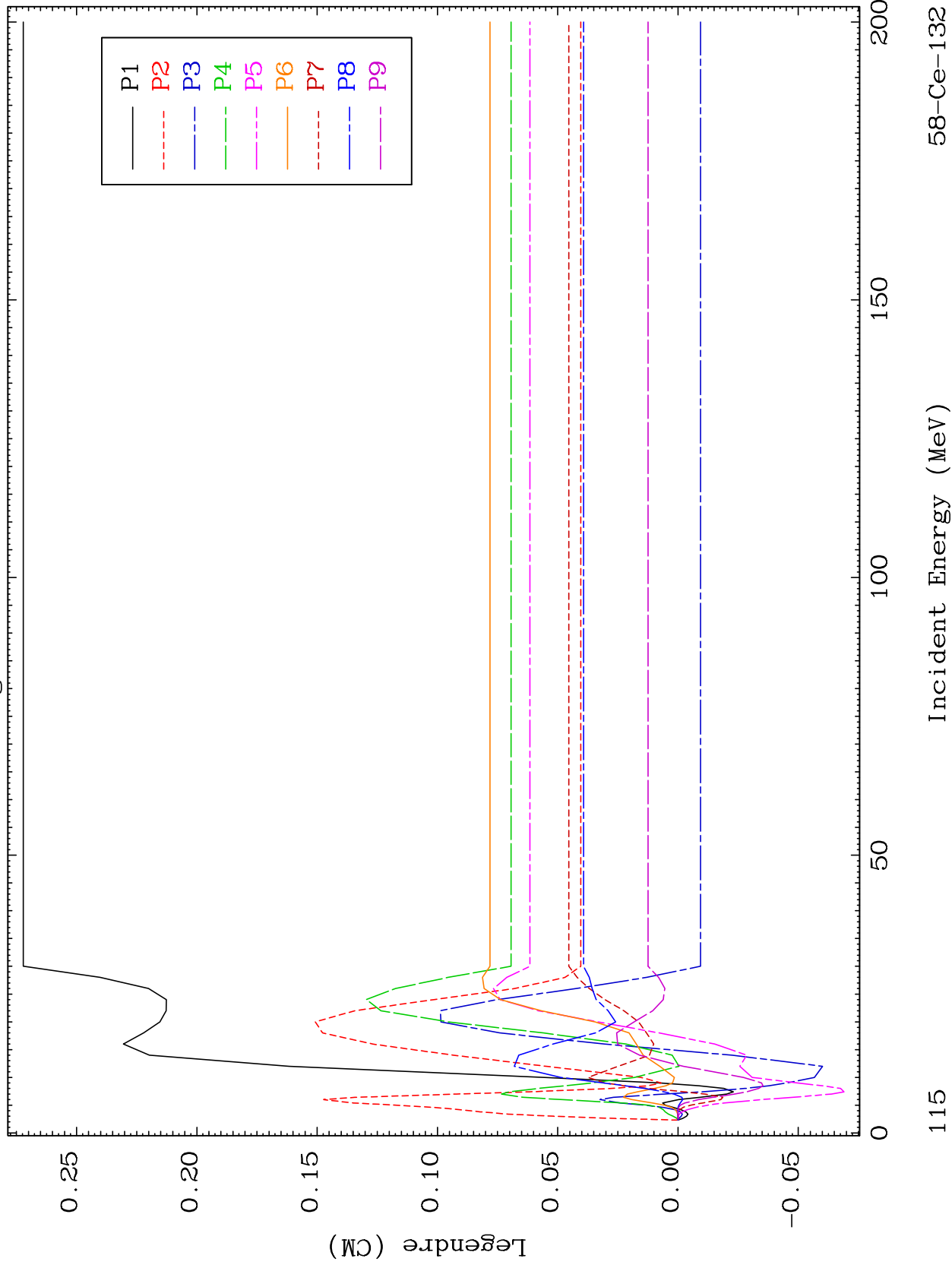
58-Ce-132



MAT 5813

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

58-Ce-132



58-Ce-132

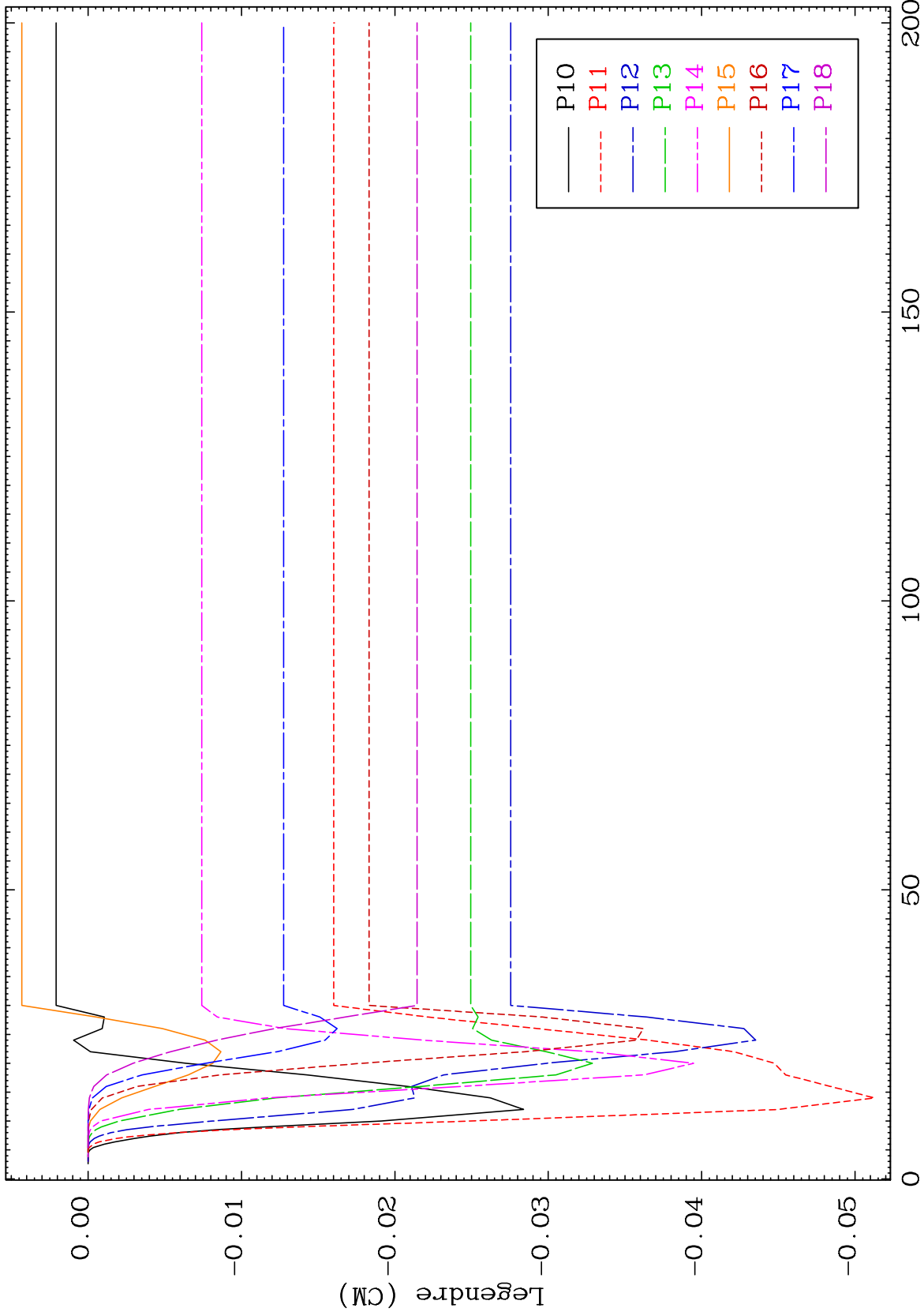
Incident Energy (MeV)

115

MAT 5813

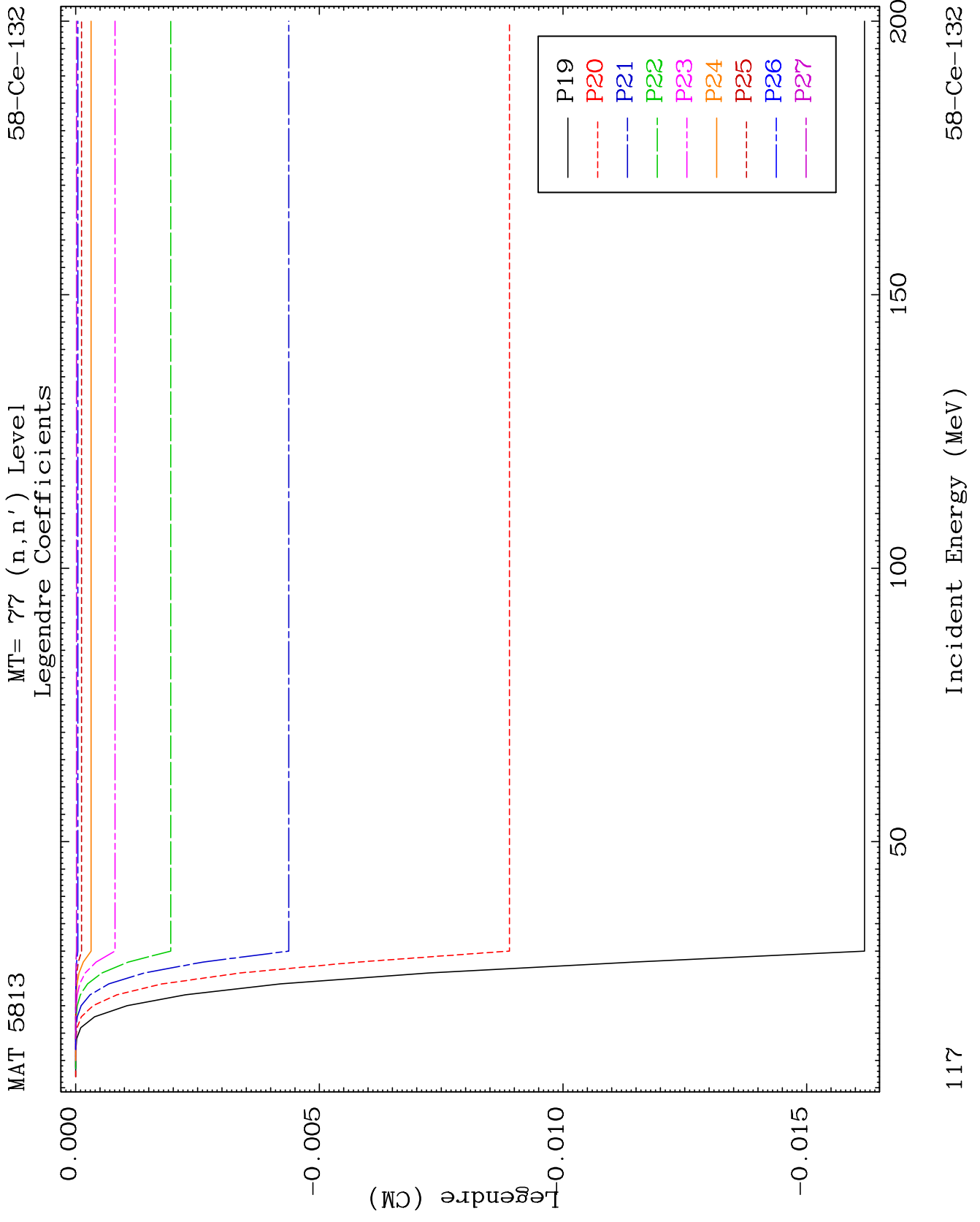
MT= 77 (n,n') Level
Legendre Coefficients

58-Ce-132



116

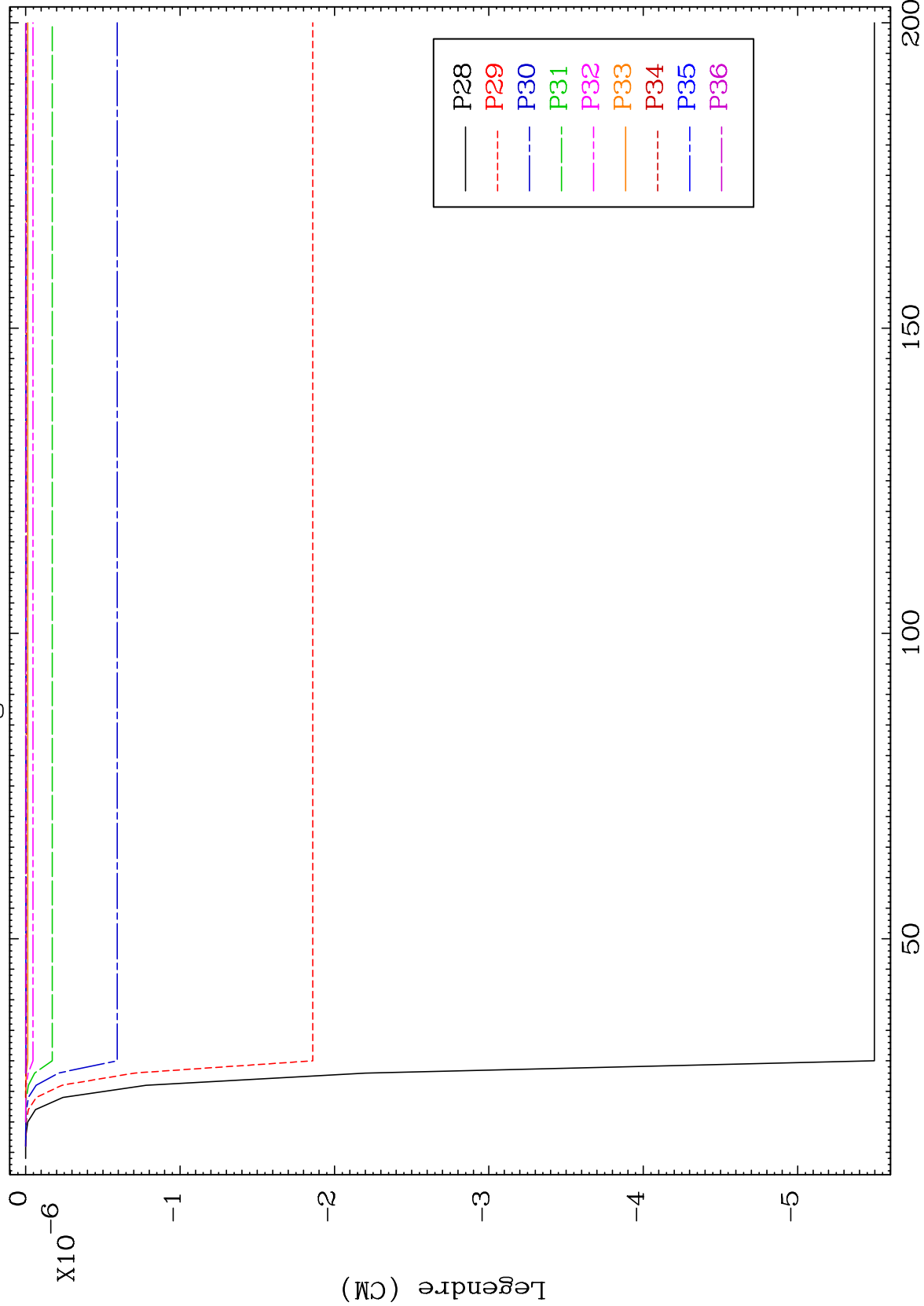
58-Ce-132



MAT 5813

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

58-Ce-132

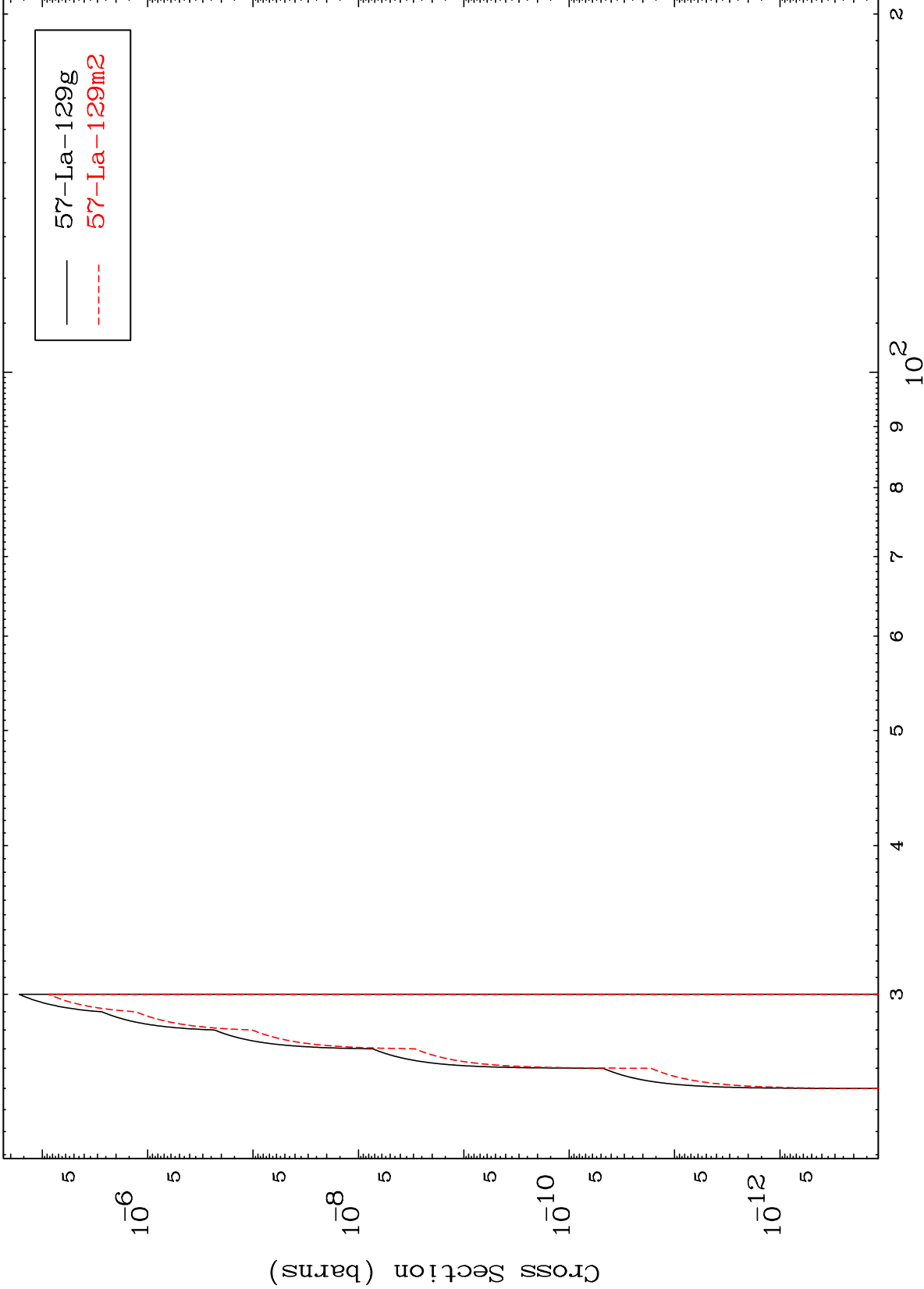


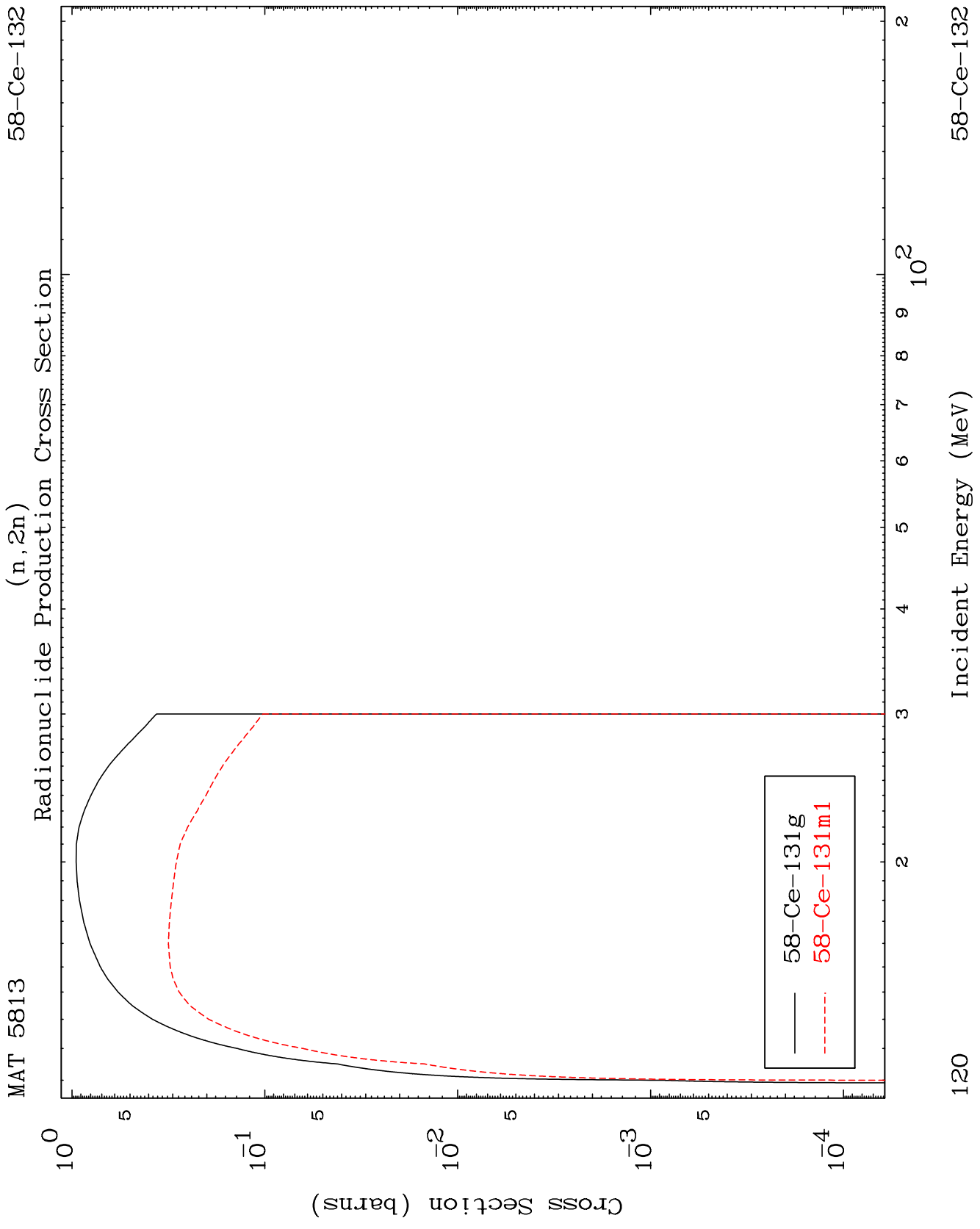
118

Incident Energy (MeV)

58-Ce-132

Radionuclide Production Cross Section



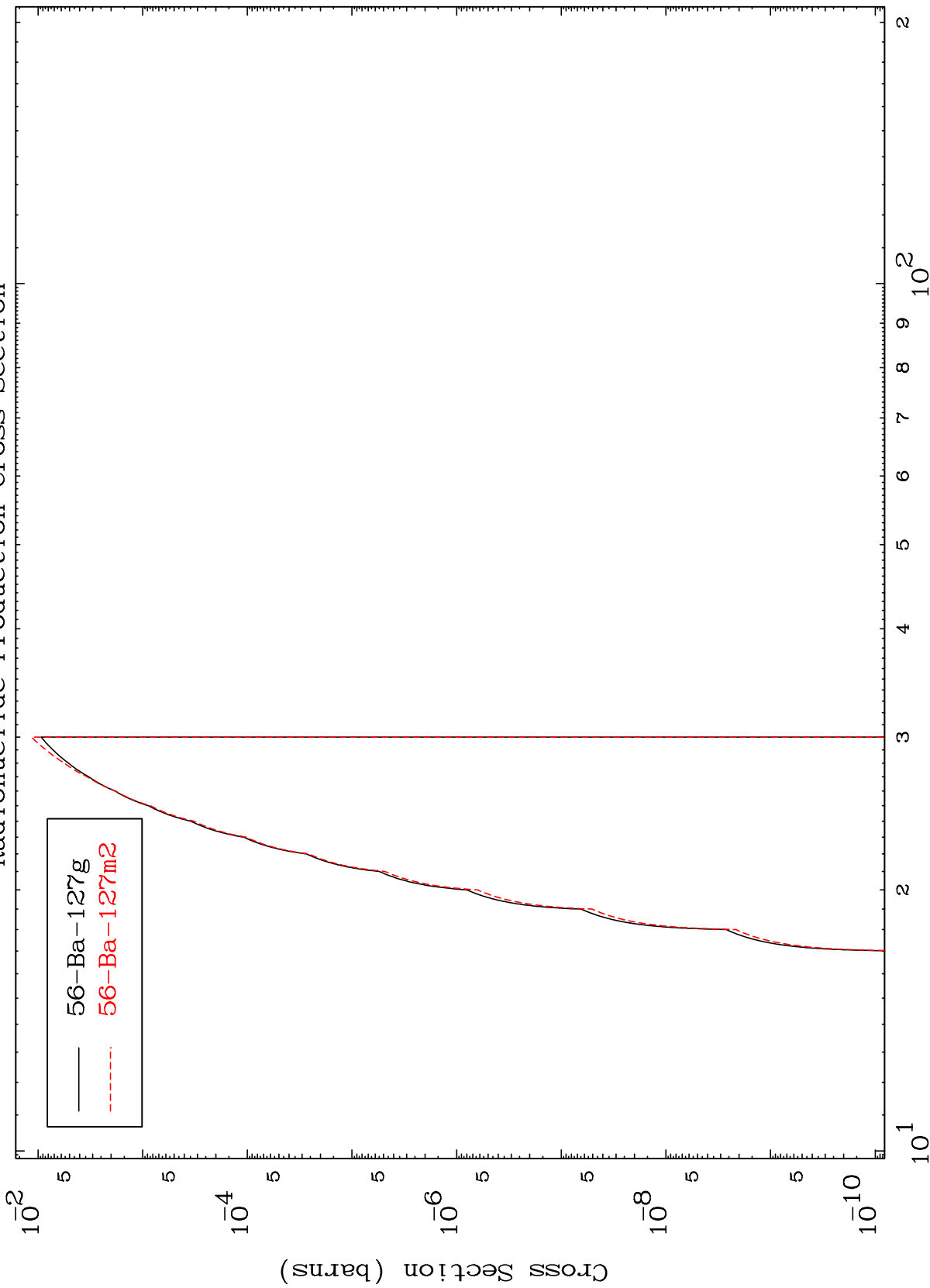


MAT 5813

(n,2n) α

58-Ce-132

Radionuclide Production Cross Section



121

Incident Energy (MeV)

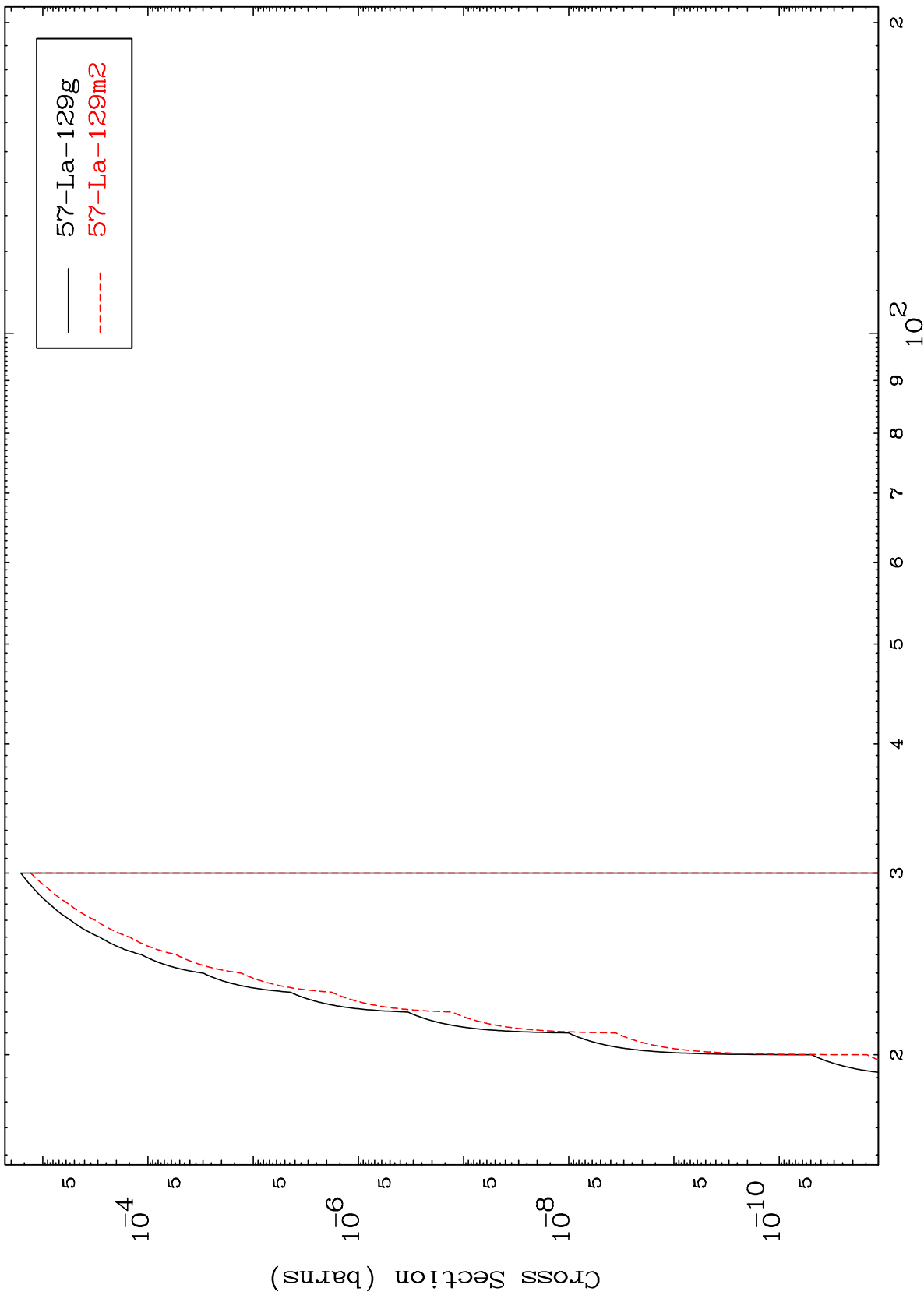
58-Ce-132

MAT 5813

(n,n') t

58-Ce-132

Radionuclide Production Cross Section

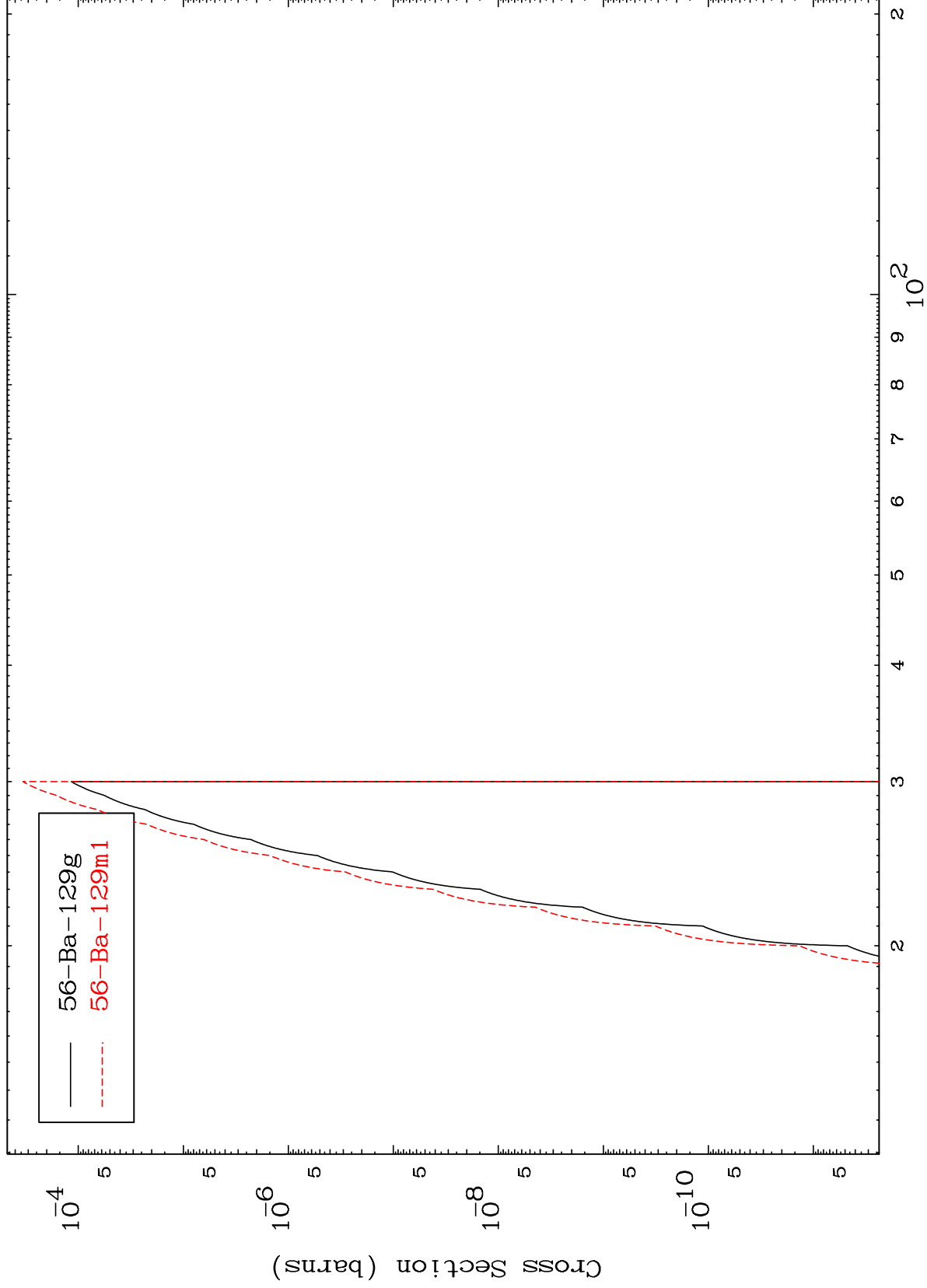


122

Incident Energy (MeV)

58-Ce-132

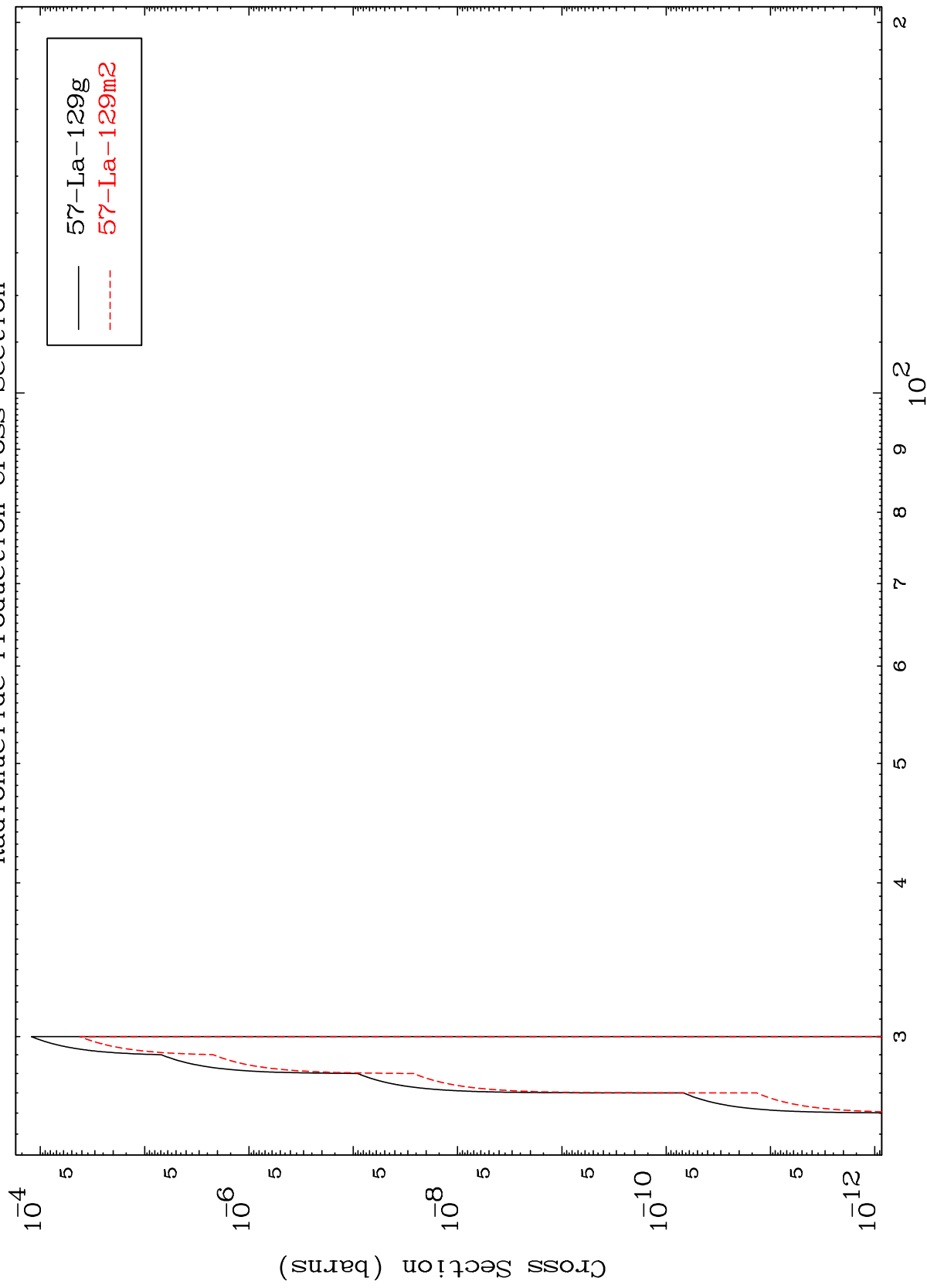
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

(n,3n) p
Radionuclide Production Cross Section



124

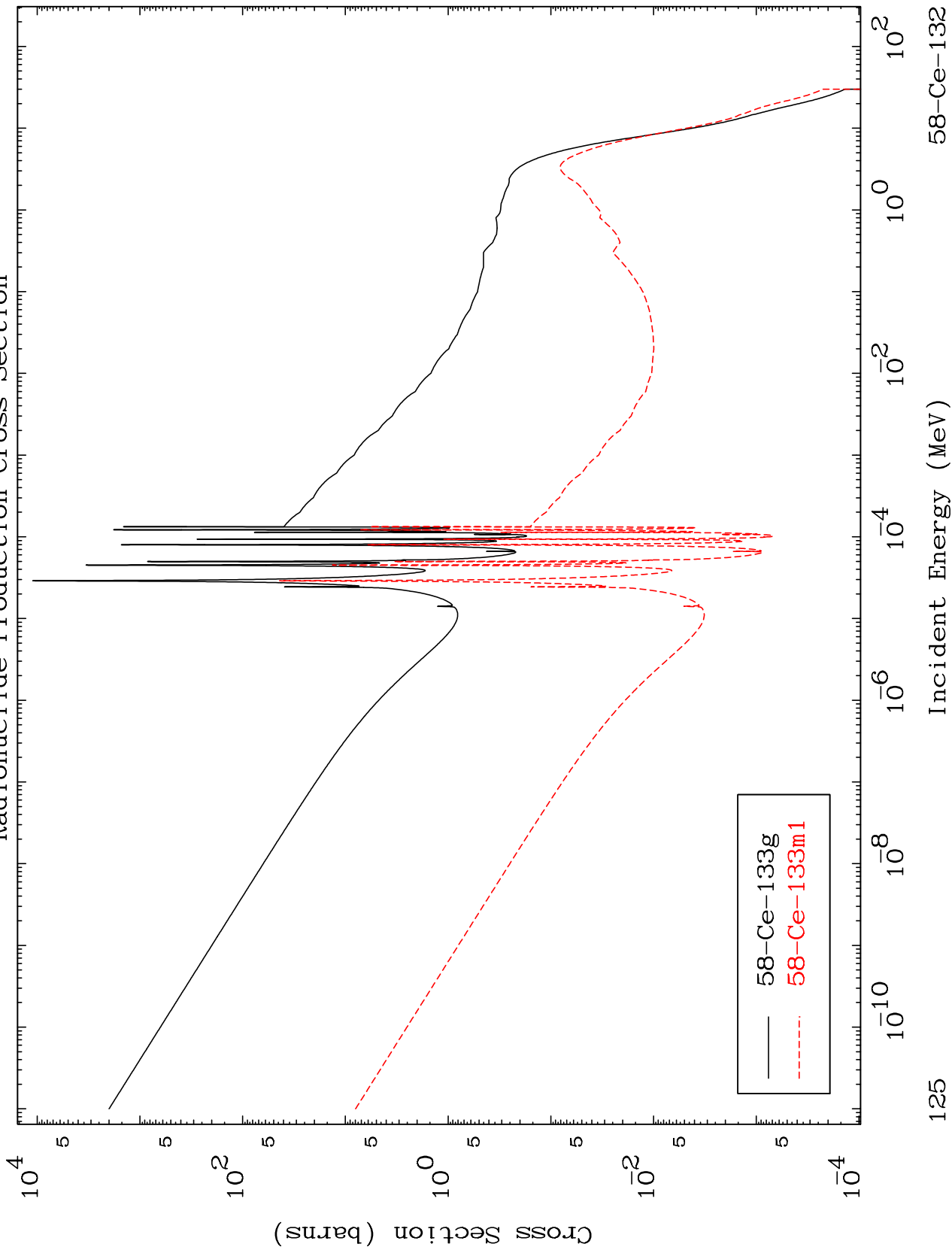
Incident Energy (MeV)

58-Ce-132

MAT 5813

58-Ce-132

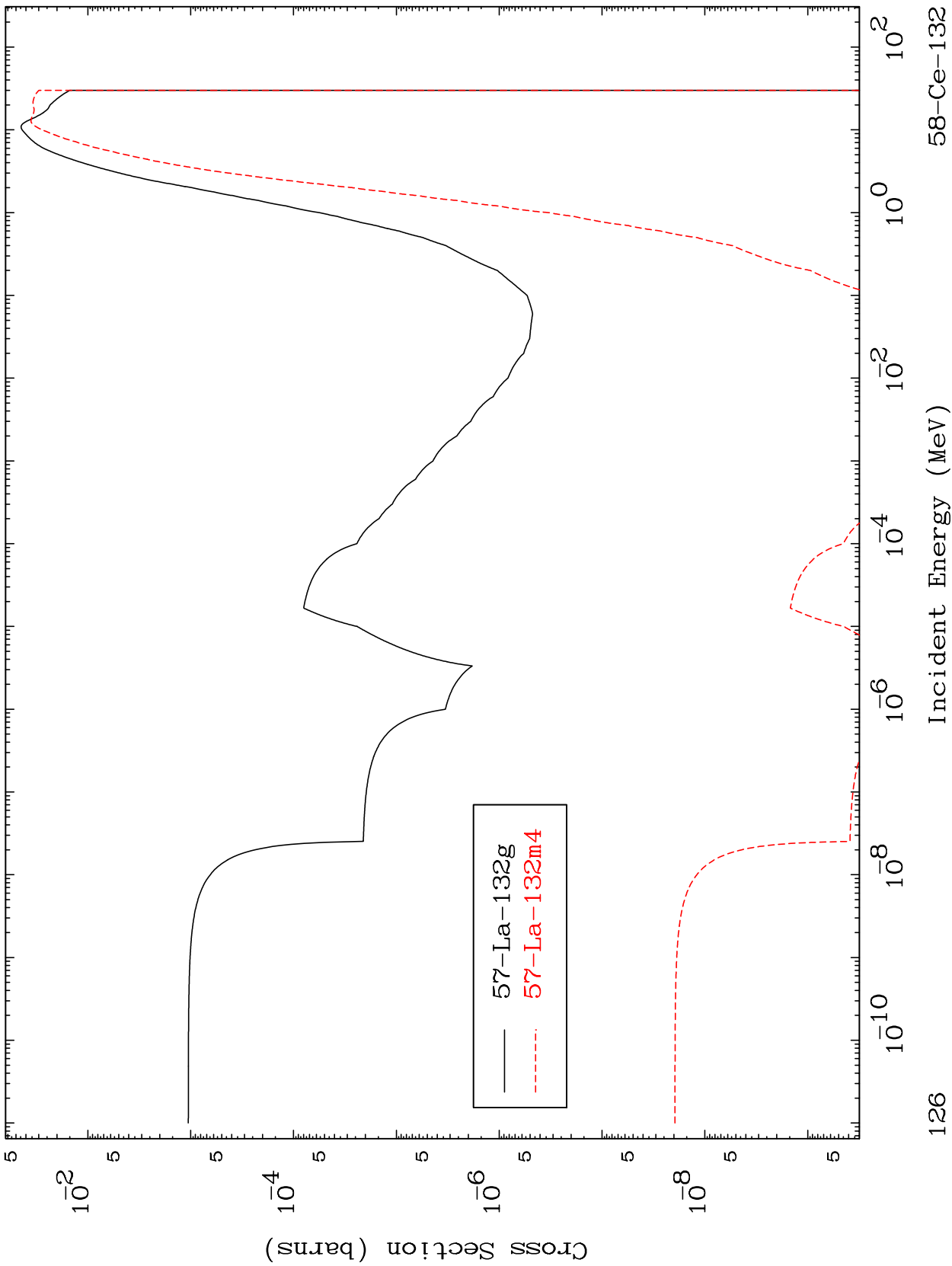
(n, γ)
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

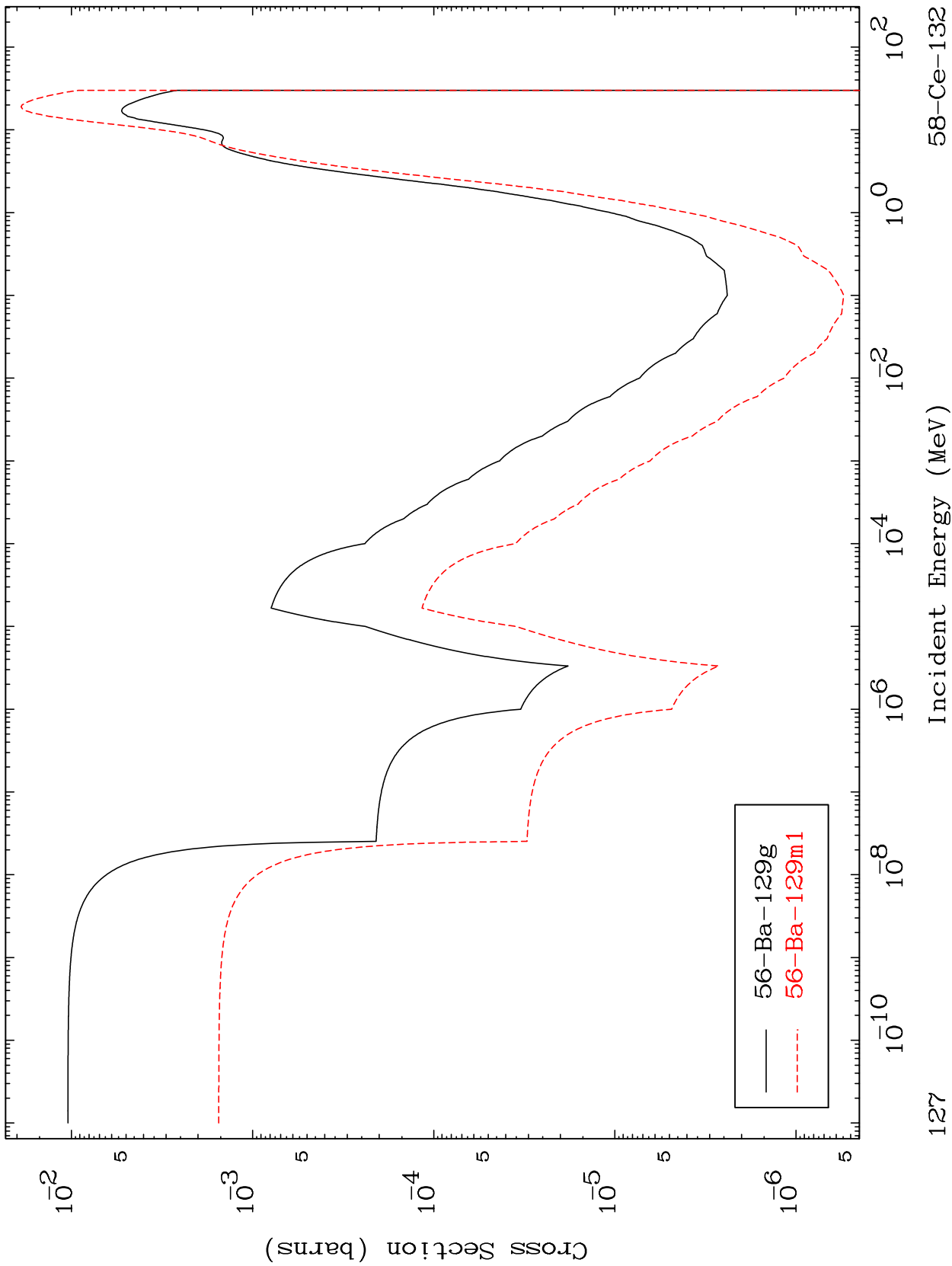
(n,p)
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

Radionuclide Production Cross Section
(n, α)

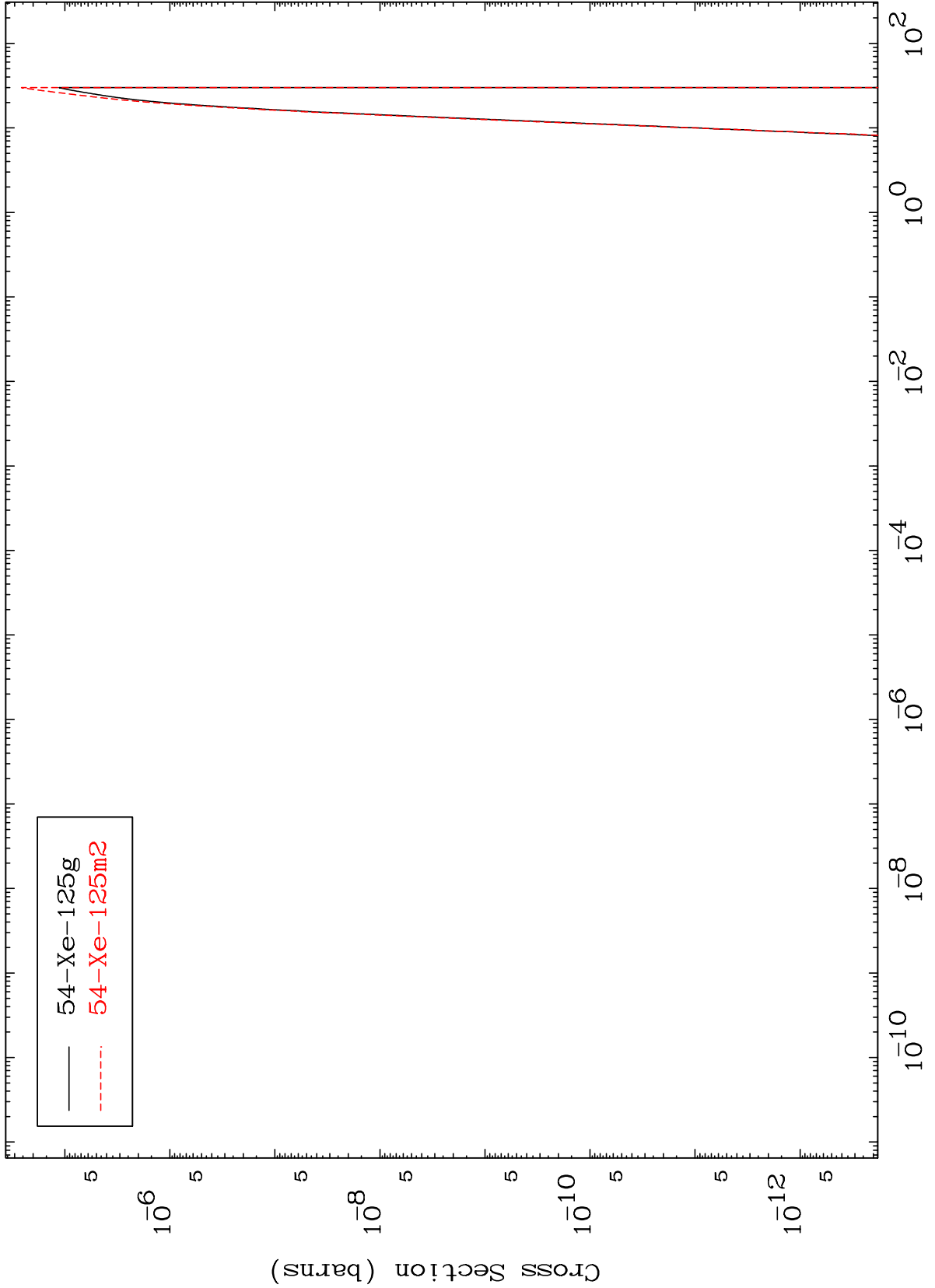


MAT 5813

(n,2α)

58-Ce-132

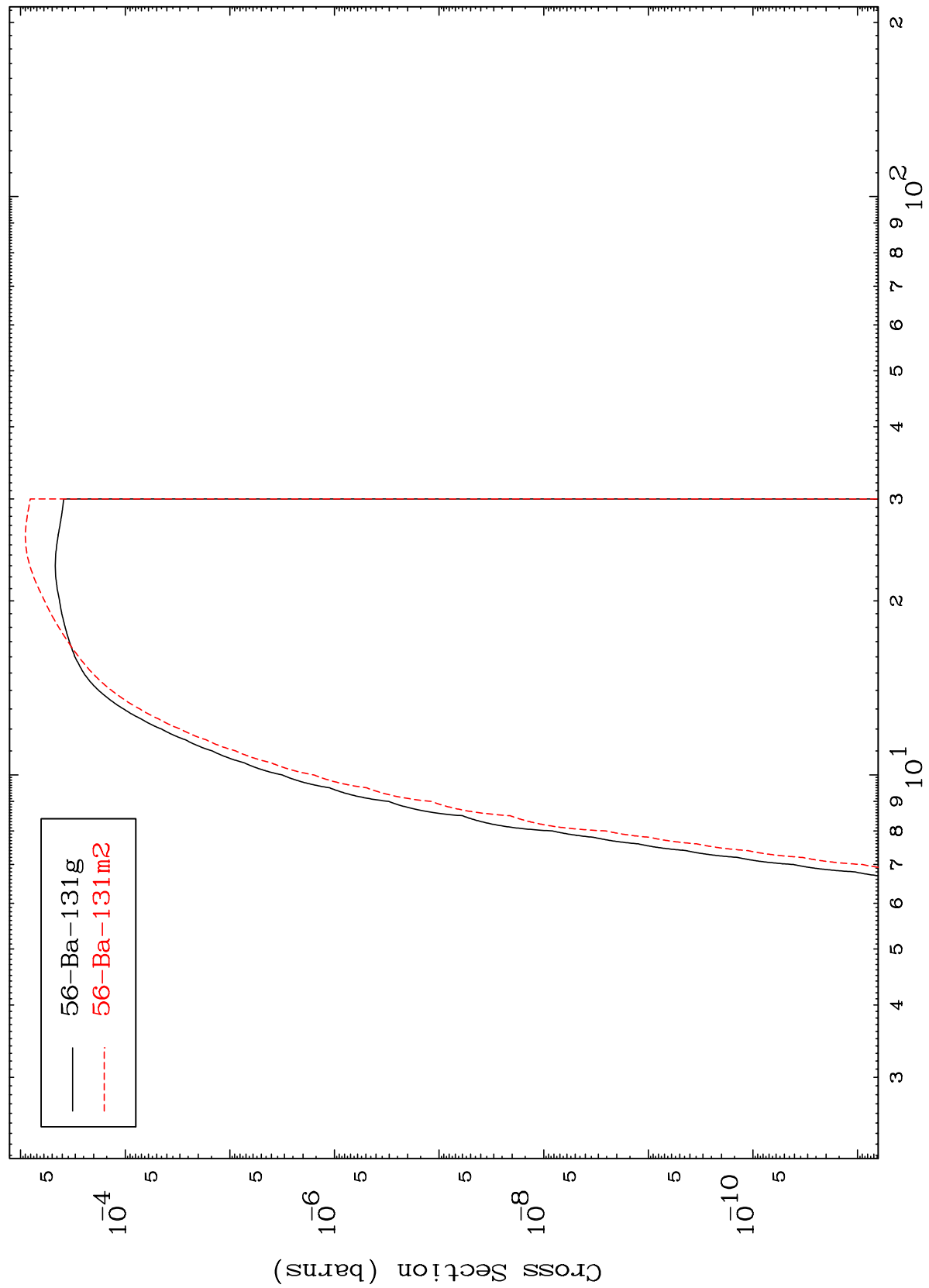
Radionuclide Production Cross Section



MAT 5813

58-Ce-132

(n,2p)
Radionuclide Production Cross Section



129

58-Ce-132

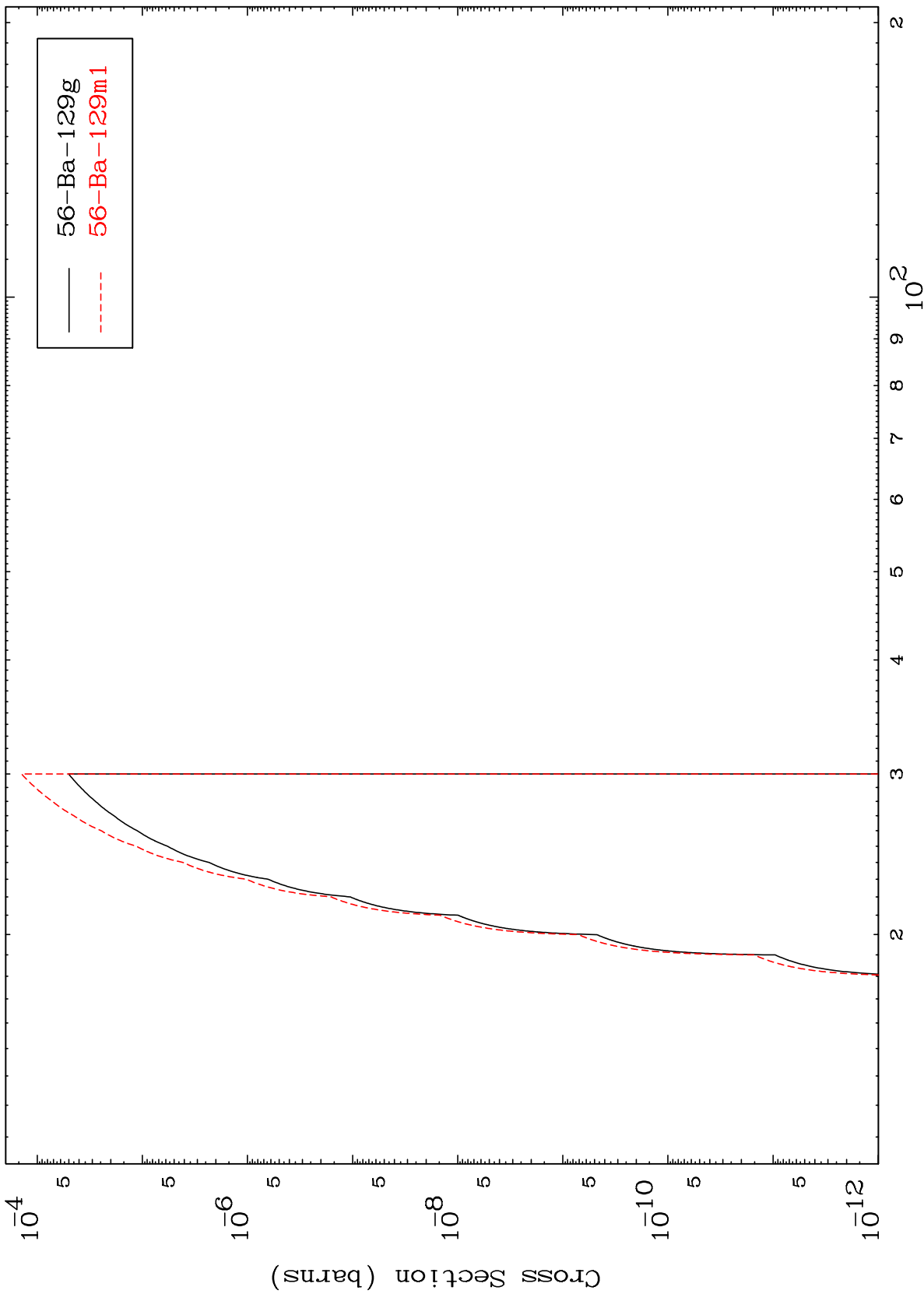
Incident Energy (MeV)

MAT 5813

(n,p) t

58-Ce-132

Radionuclide Production Cross Section



130

Incident Energy (MeV)

58-Ce-132