

Program EVALPLOT
(Version 2021-1)

by

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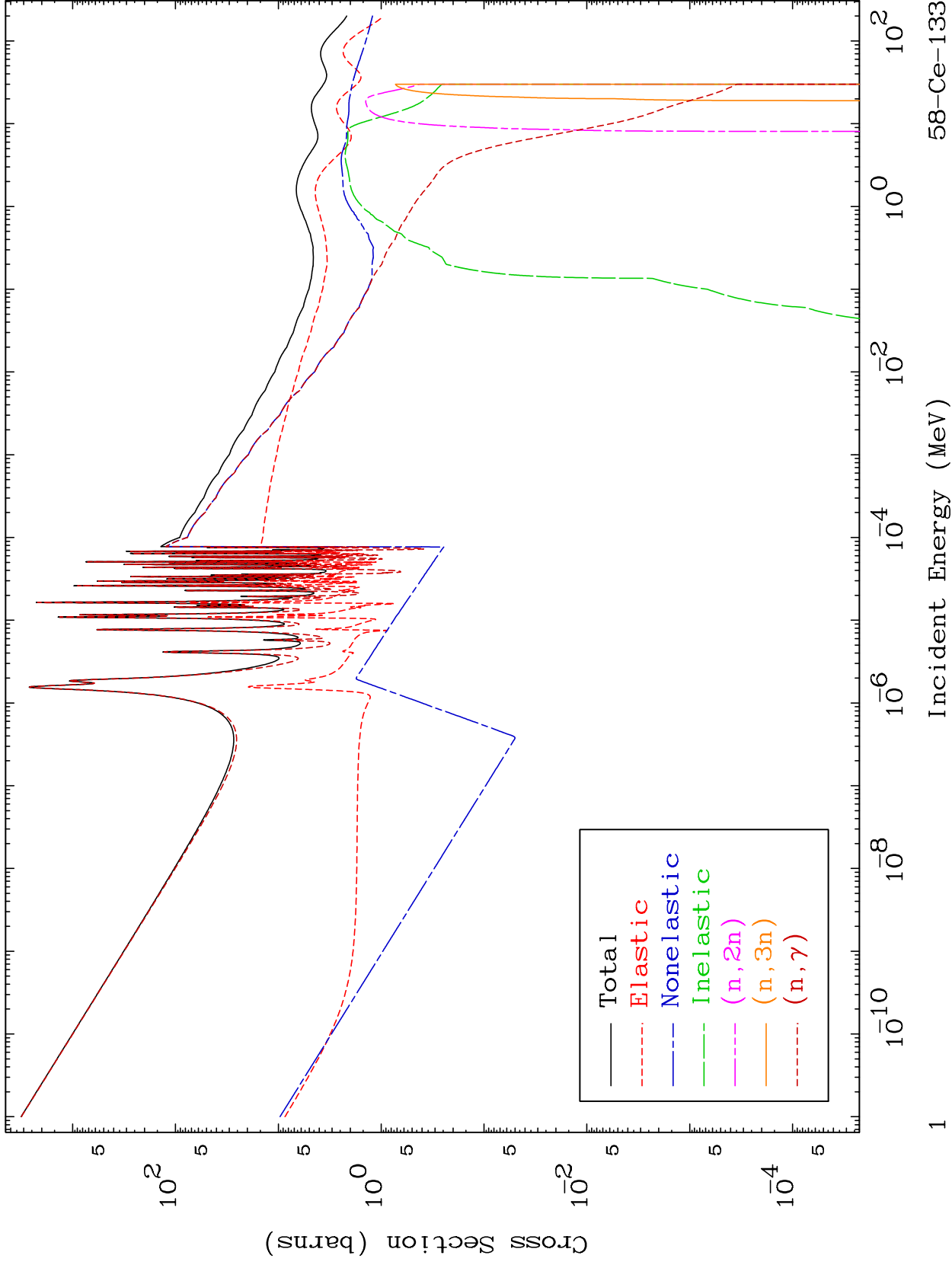
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Press Mouse Button to Start

MAT 5816

Neutron Major
293 Kelvin Cross Sections

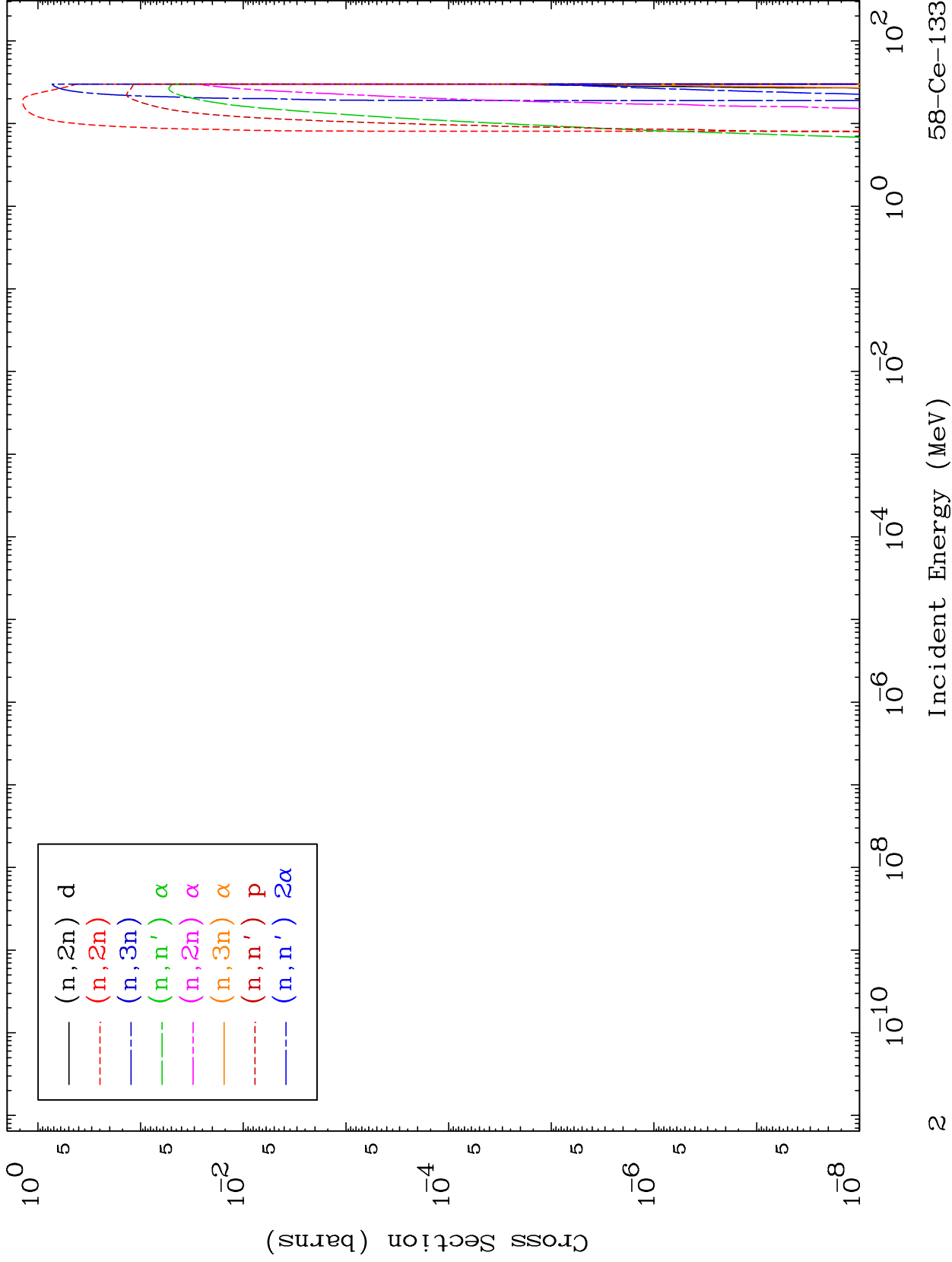
58-Ce-133



MAT 5816

Neutron Absorption
293 Kelvin Cross Sections

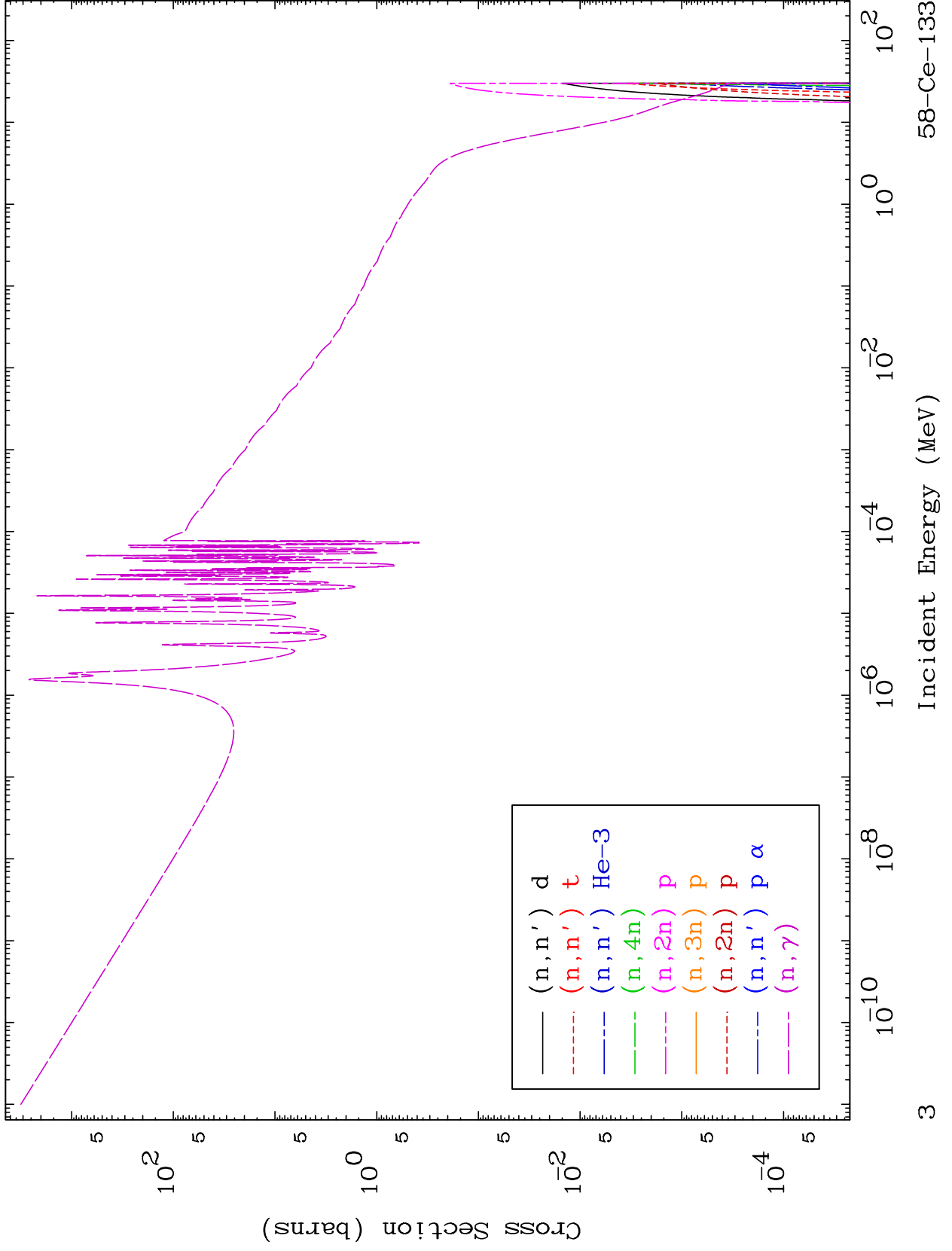
58-Ce-133



MAT 5816

Neutron Absorption
293 Kelvin Cross Sections

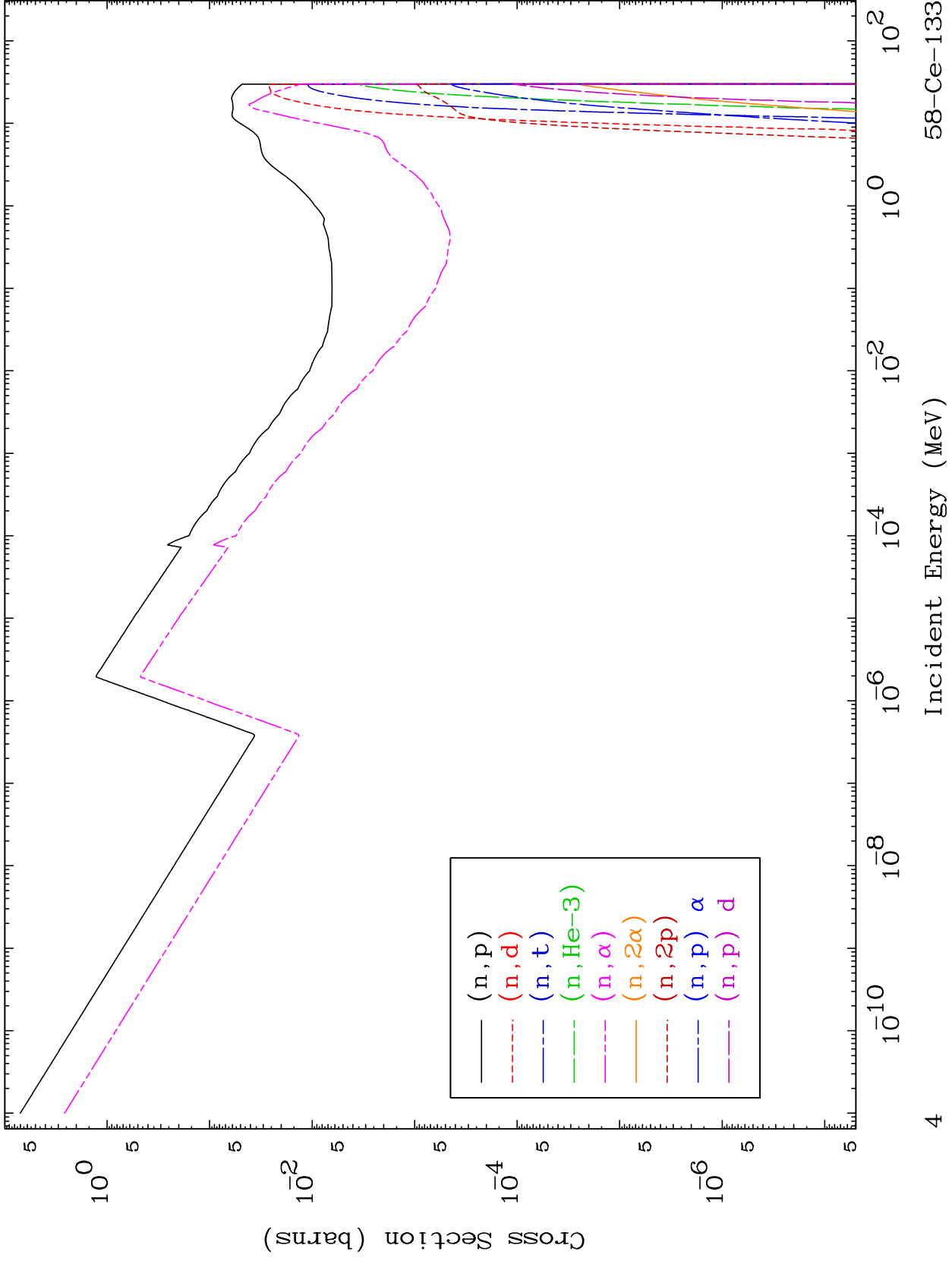
58-Ce-133



MAT 5816

Neutron Absorption
293 Kelvin Cross Sections

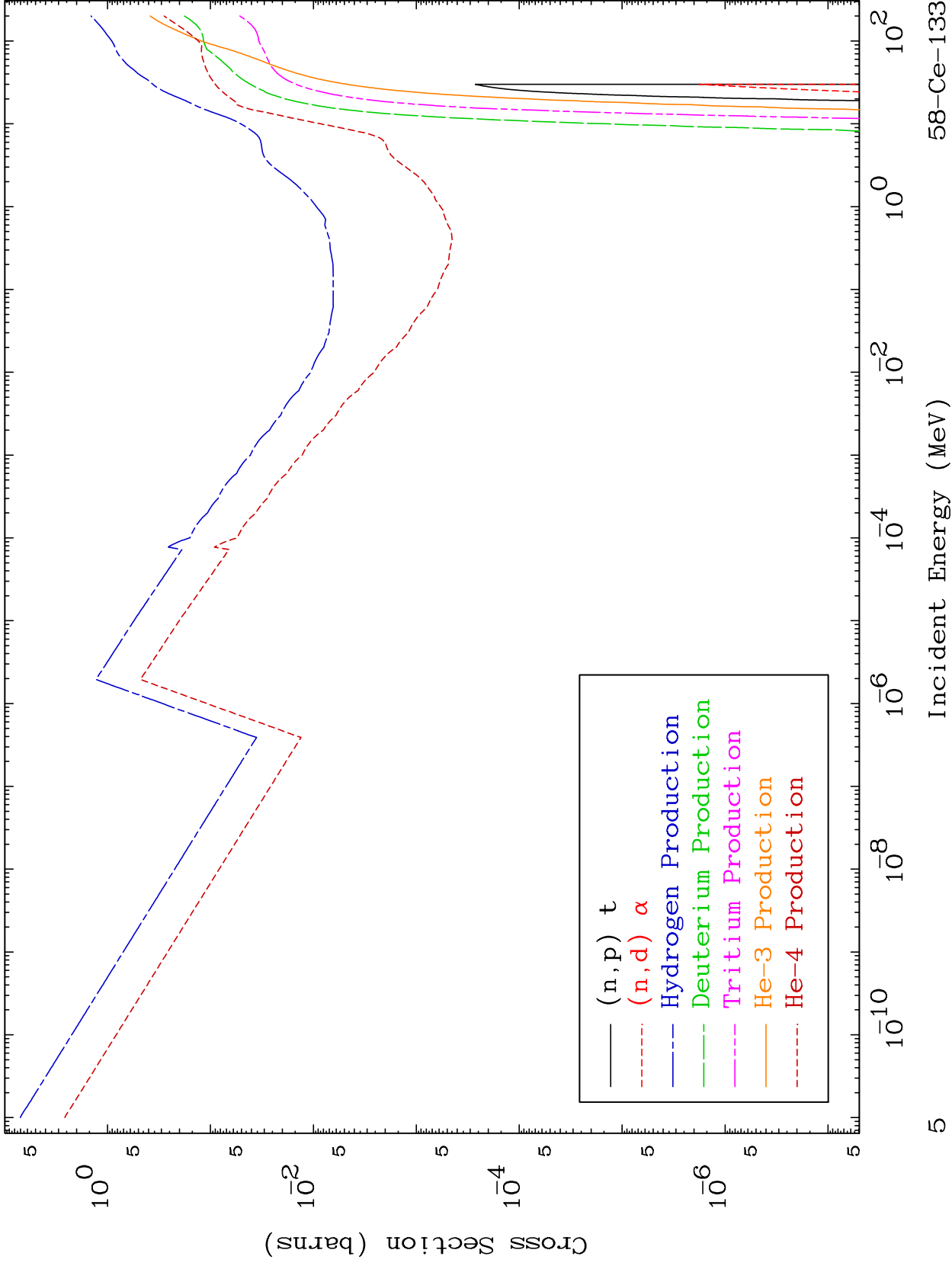
58-Ce-133



MAT 5816

Neutron Absorption
293 Kelvin Cross Sections

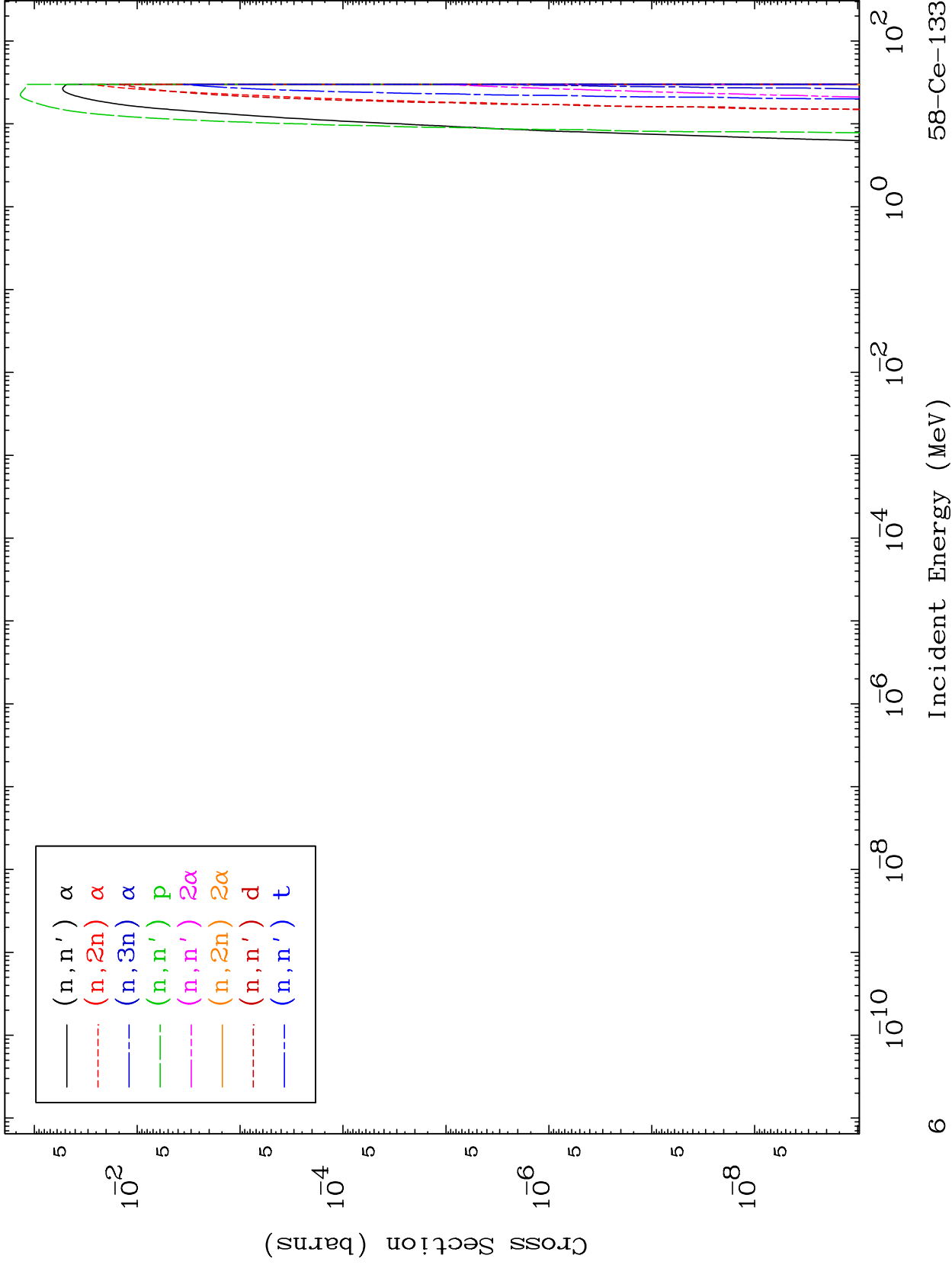
58-Ce-133



MAT 5816

Charged Particle
293 Kelvin Cross Sections

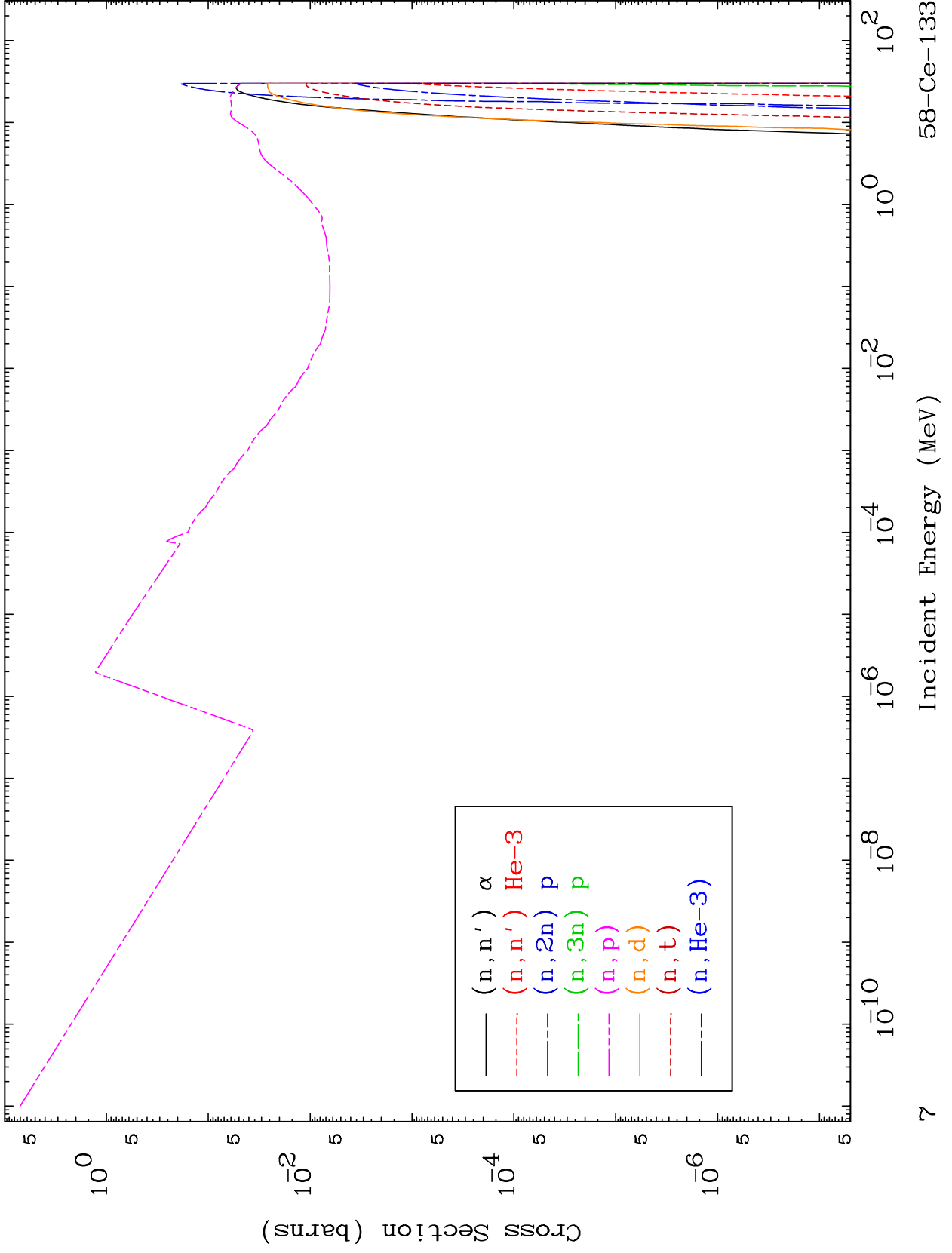
58-Ce-133



MAT 5816

Charged Particle
293 Kelvin Cross Sections

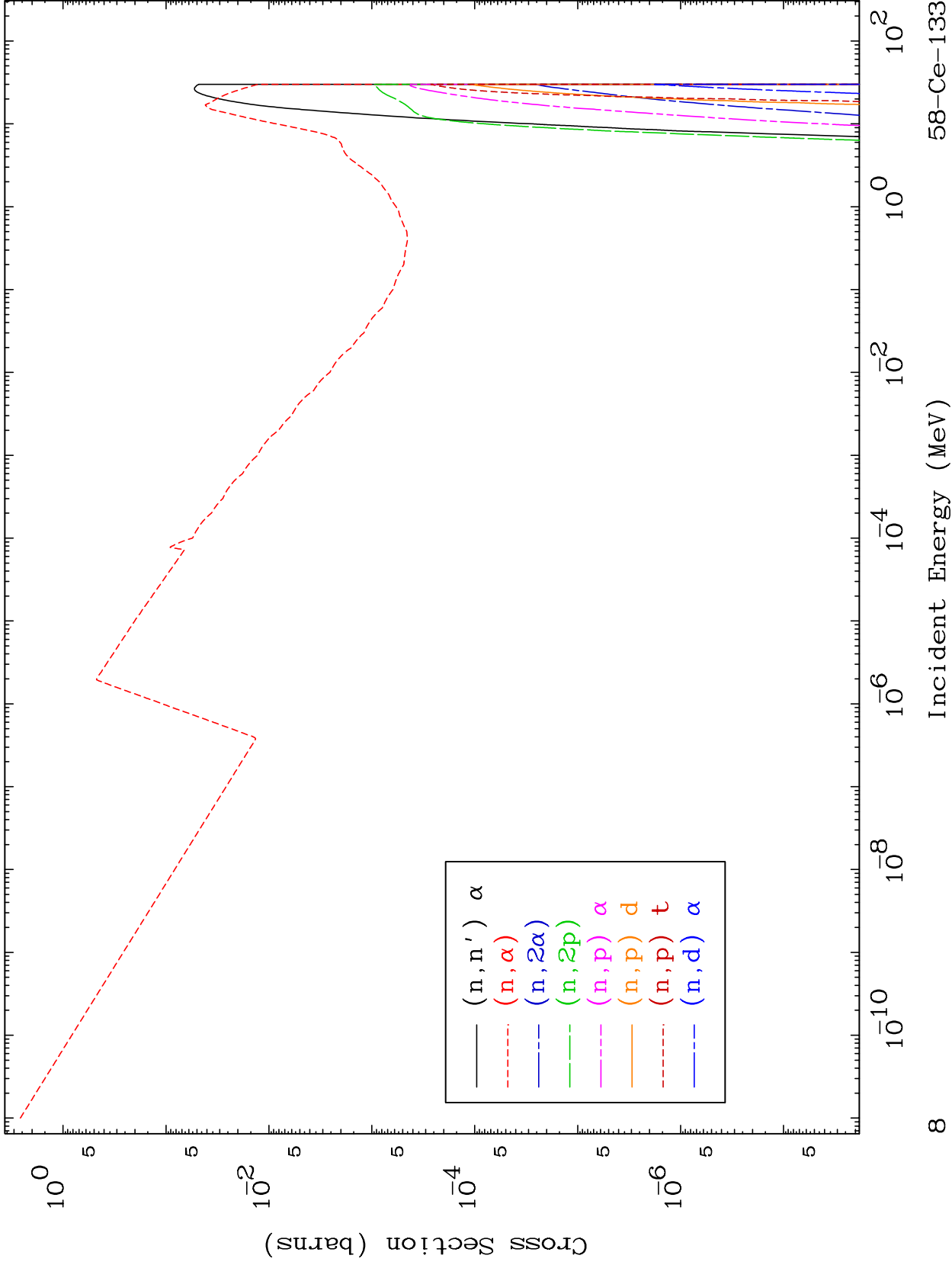
58-Ce-133



MAT 5816

Charged Particle
293 Kelvin Cross Sections

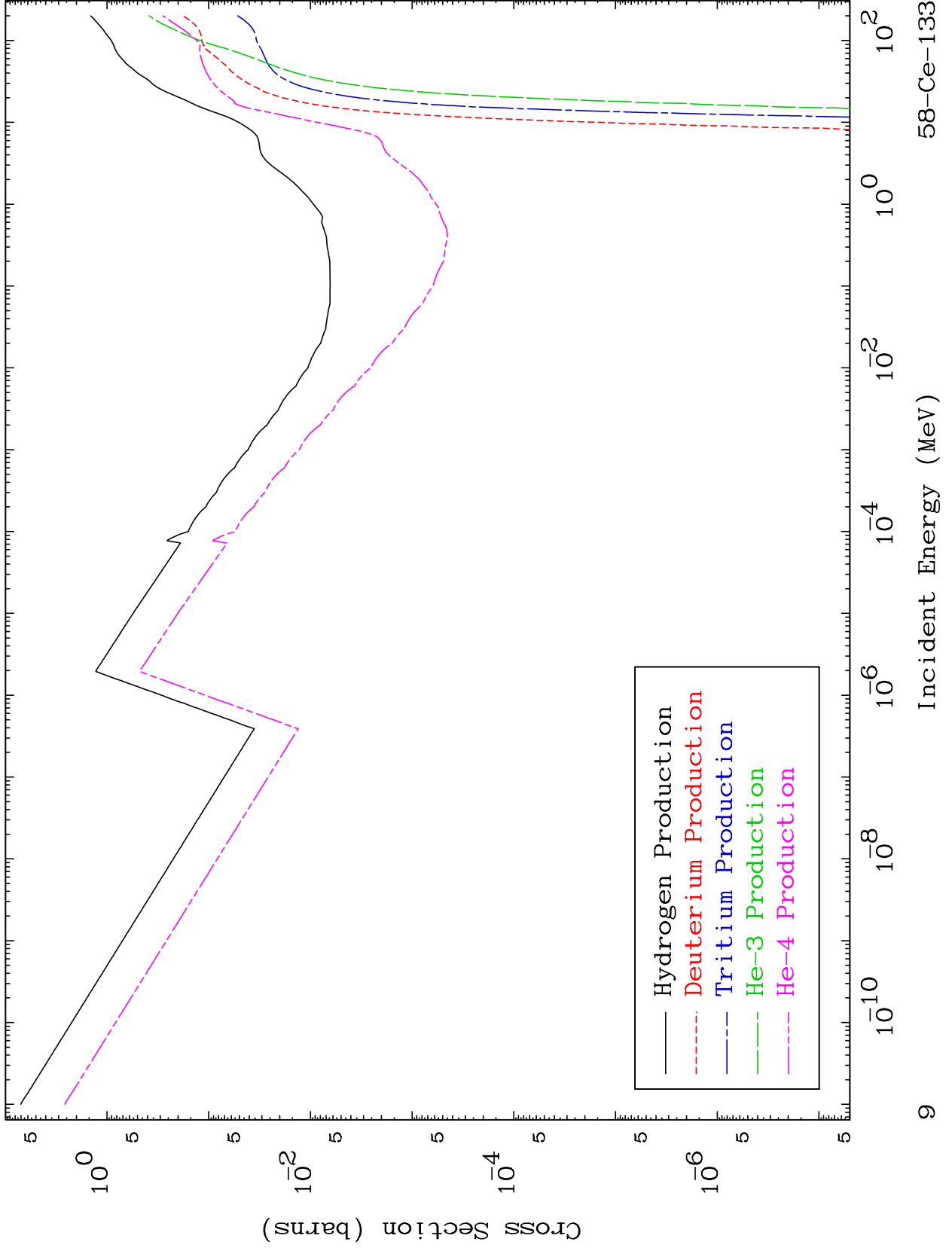
58-Ce-133



MAT 5816

Particle Production
293 Kelvin Cross Sections

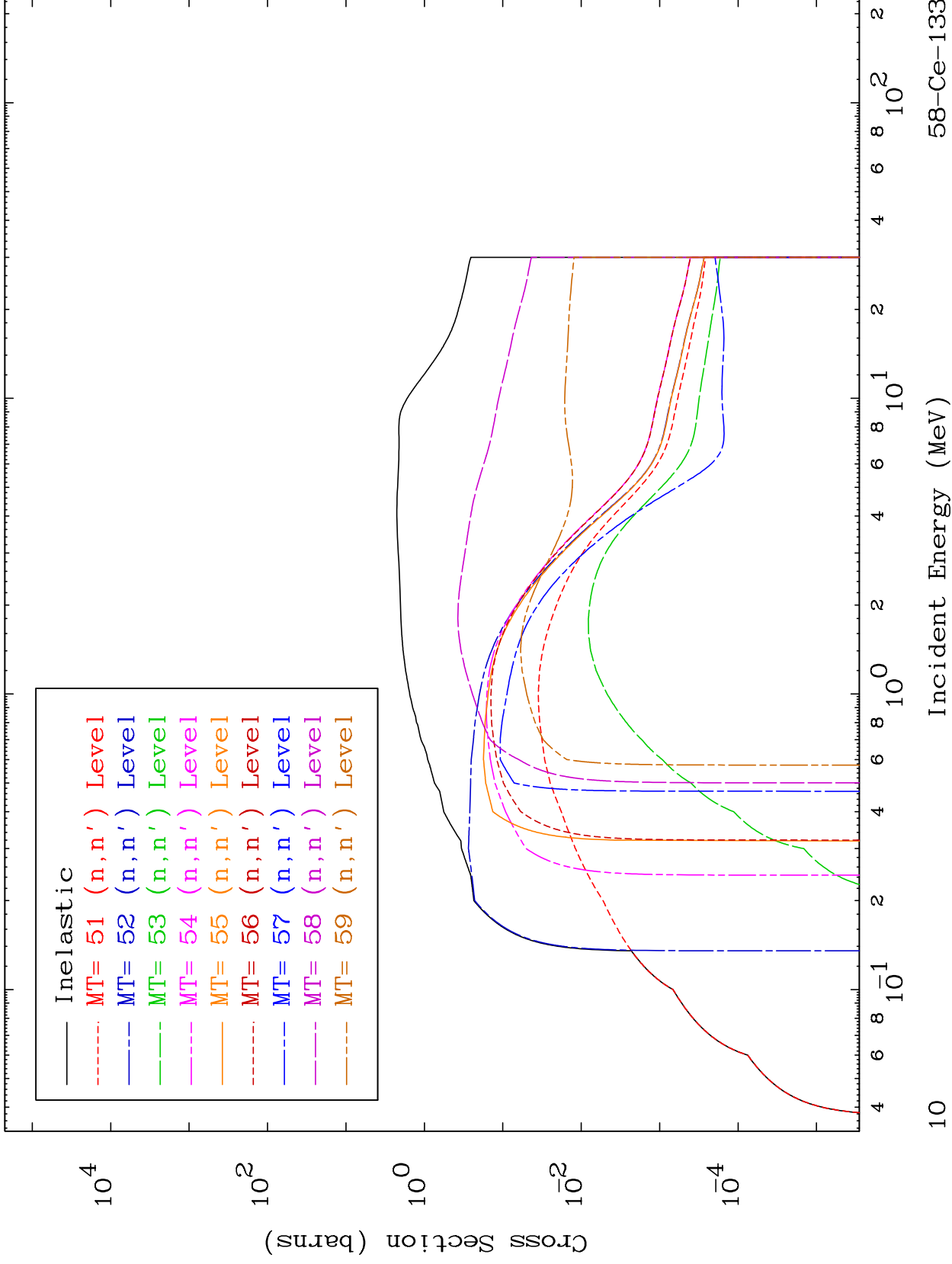
58-Ce-133



MAT 5816

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-133



10

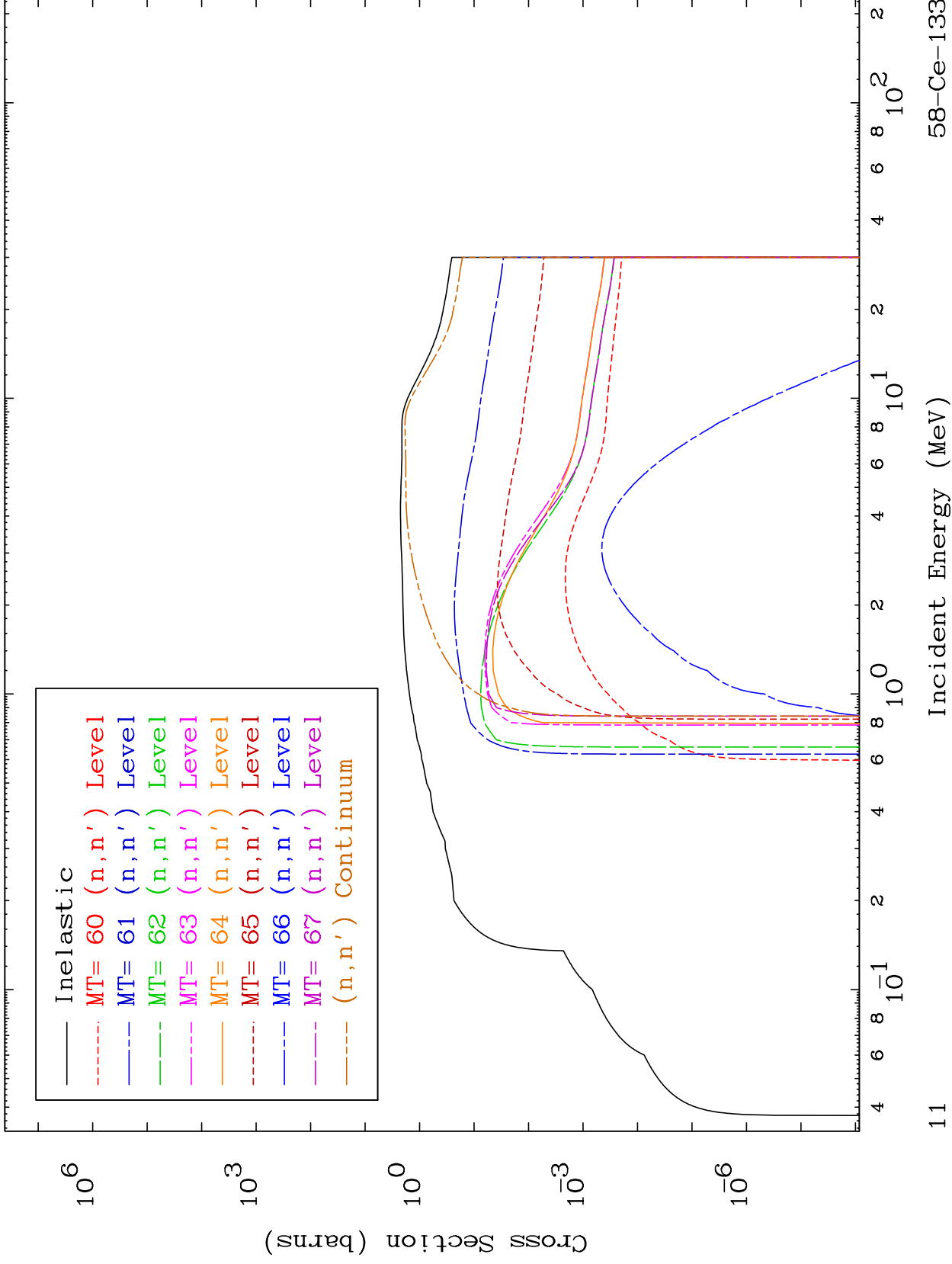
Incident Energy (MeV)

58-Ce-133

MAT 5816

(n,n') Levels
293 Kelvin Cross Sections

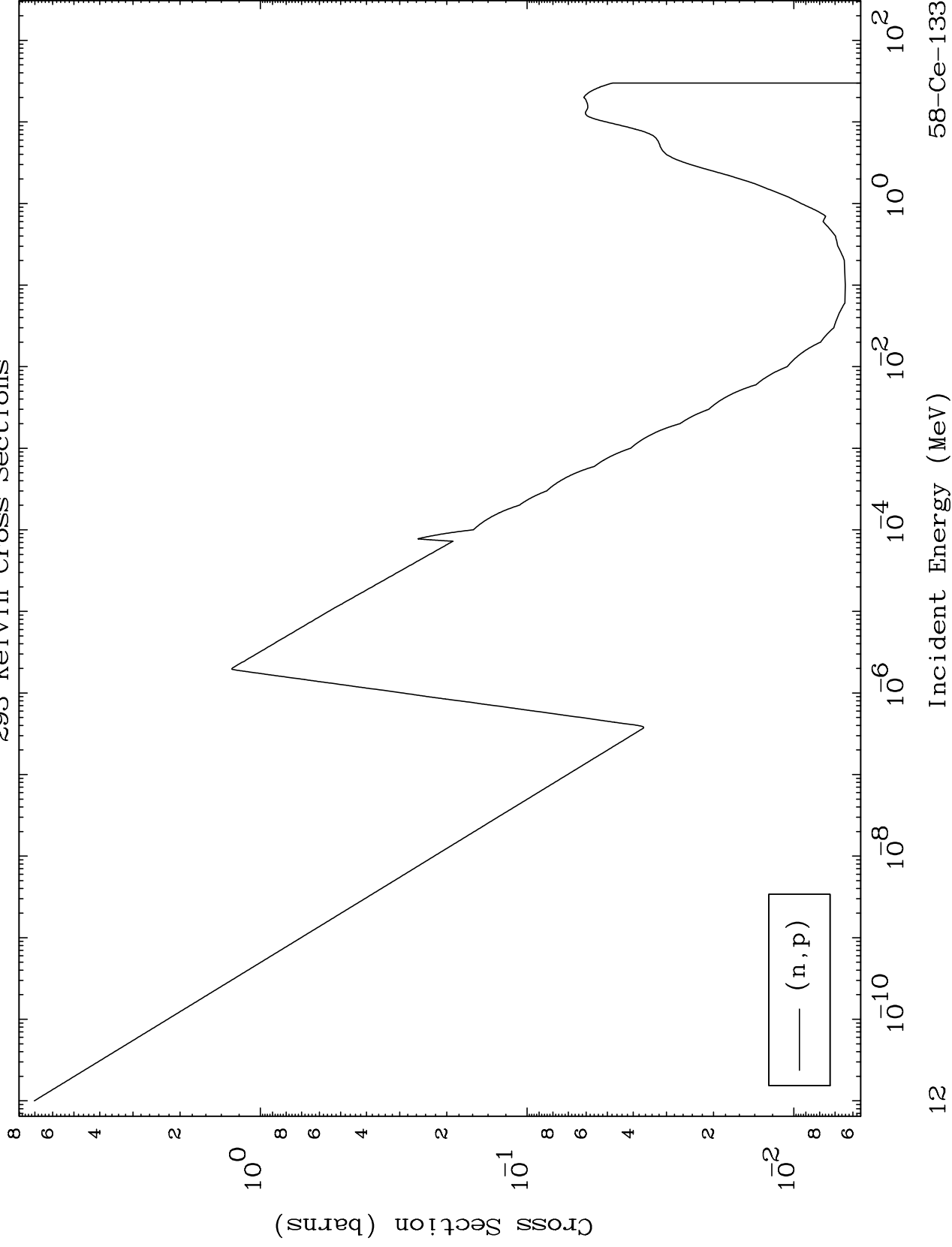
58-Ce-133



MAT 5816

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-133



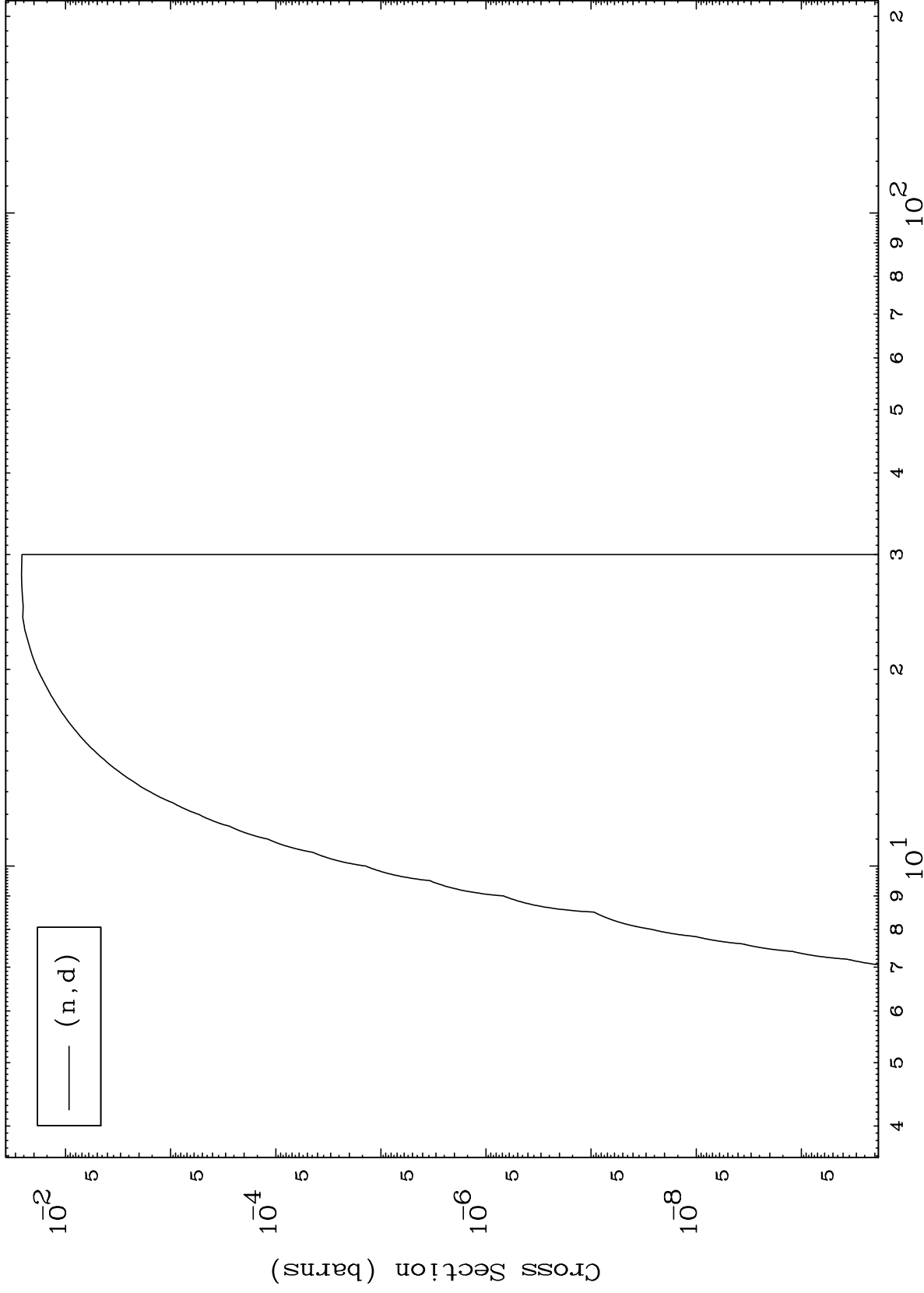
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58-Ce-133

MAT 5816

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-133



13

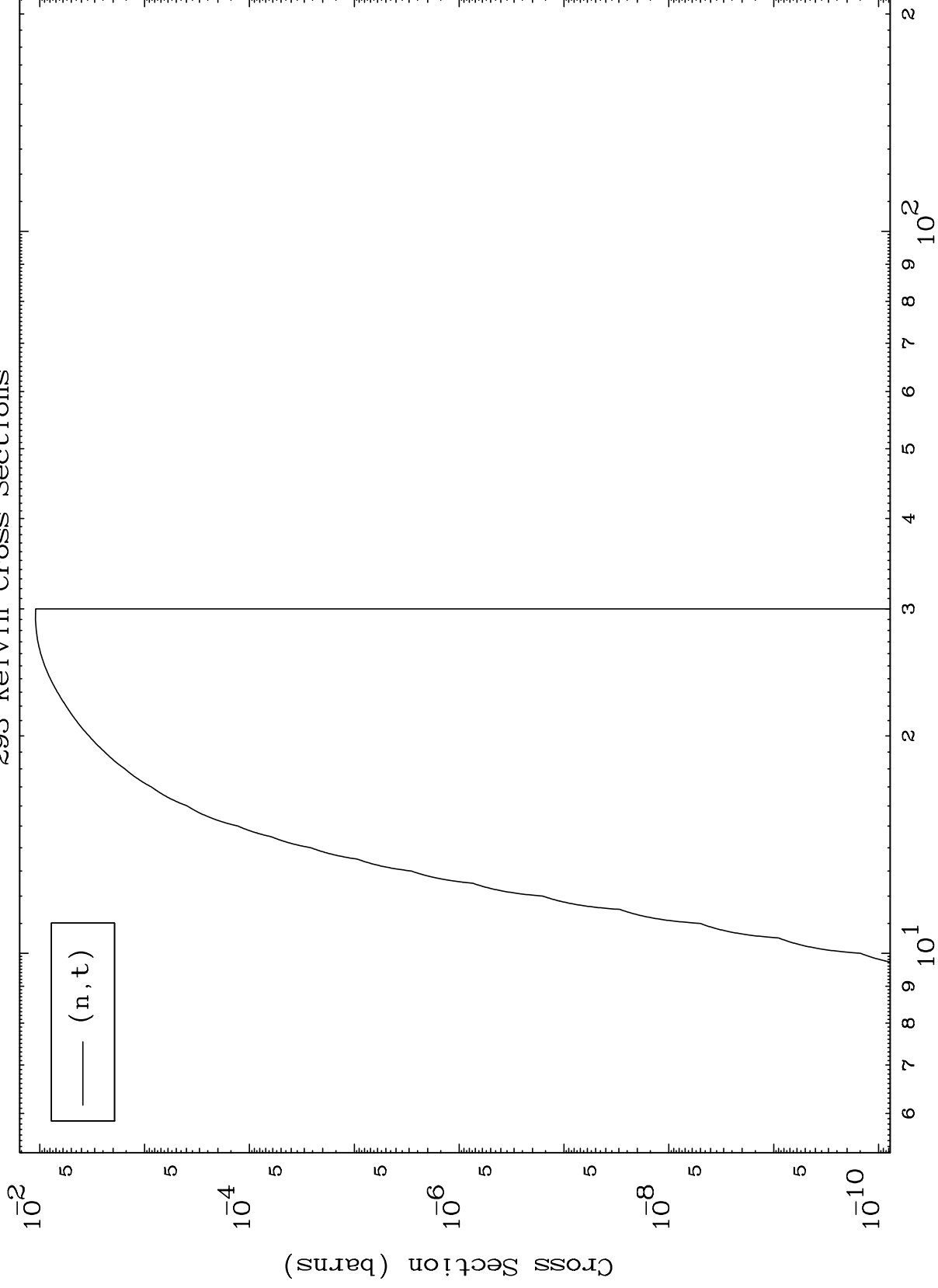
Incident Energy (MeV)

58-Ce-133

MAT 5816

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-133



14

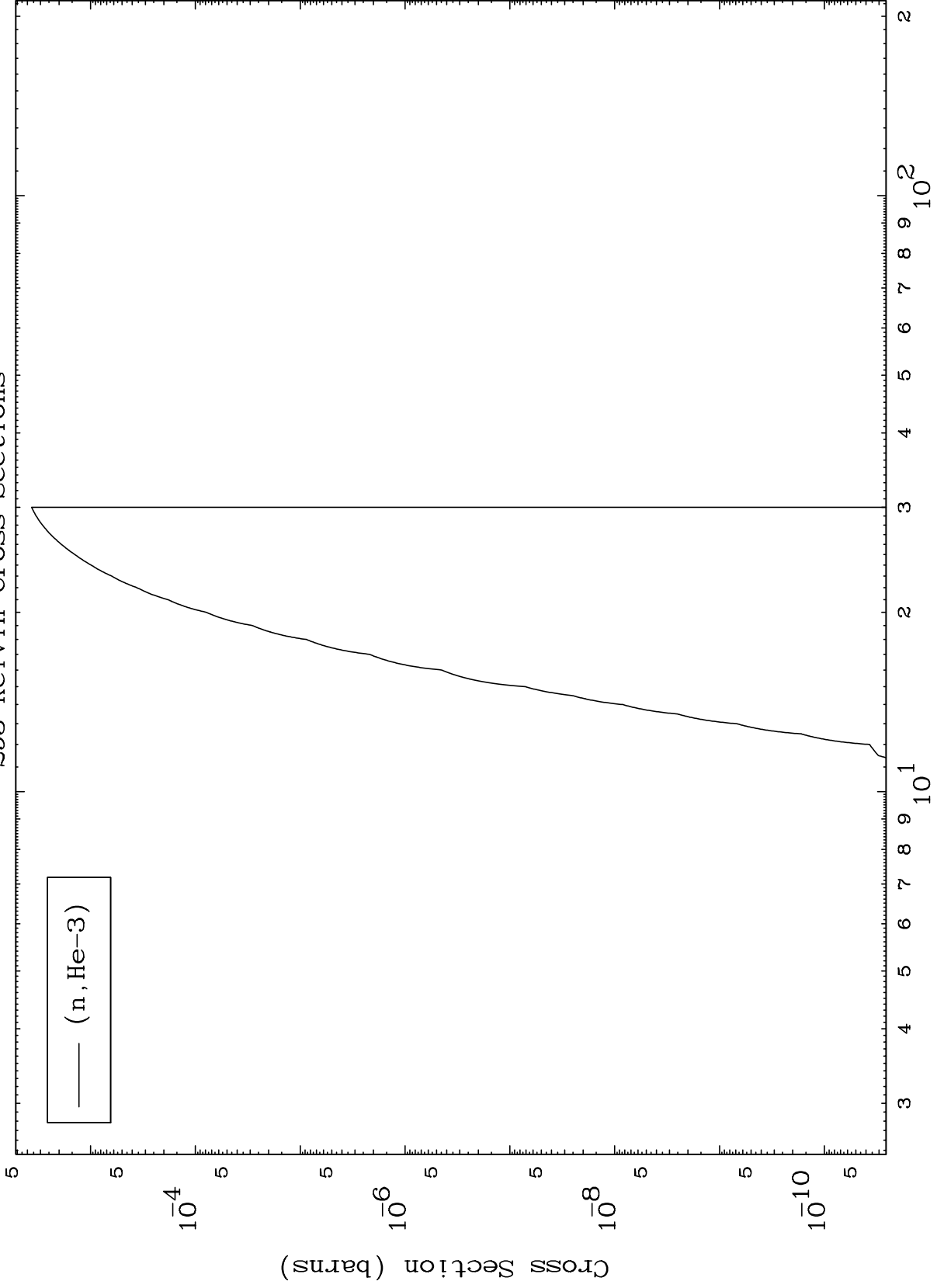
Incident Energy (MeV)

58-Ce-133

MAT 5816

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-133



15

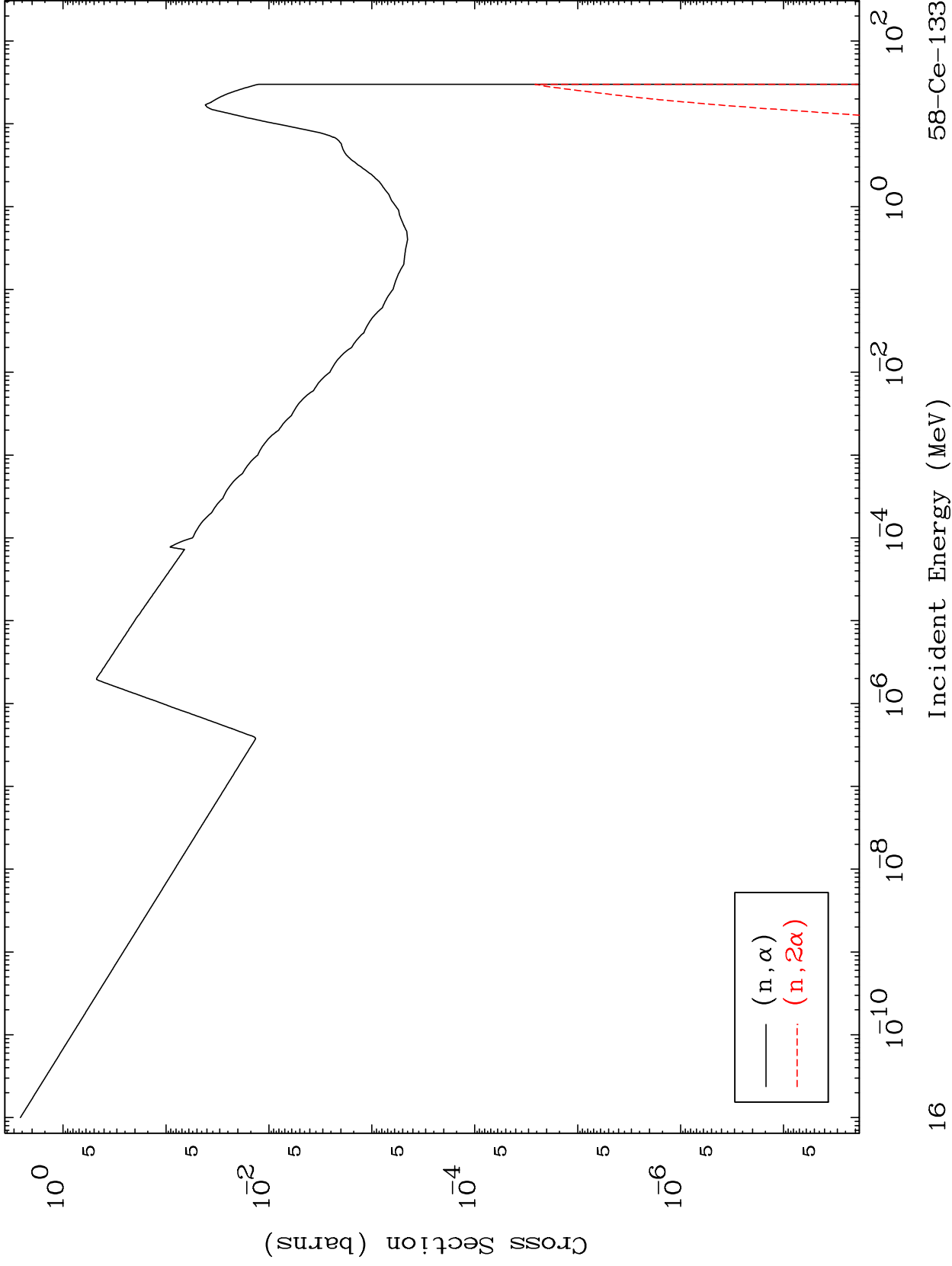
Incident Energy (MeV)

58-Ce-133

MAT 5816

(n, α) Levels
293 Kelvin Cross Sections

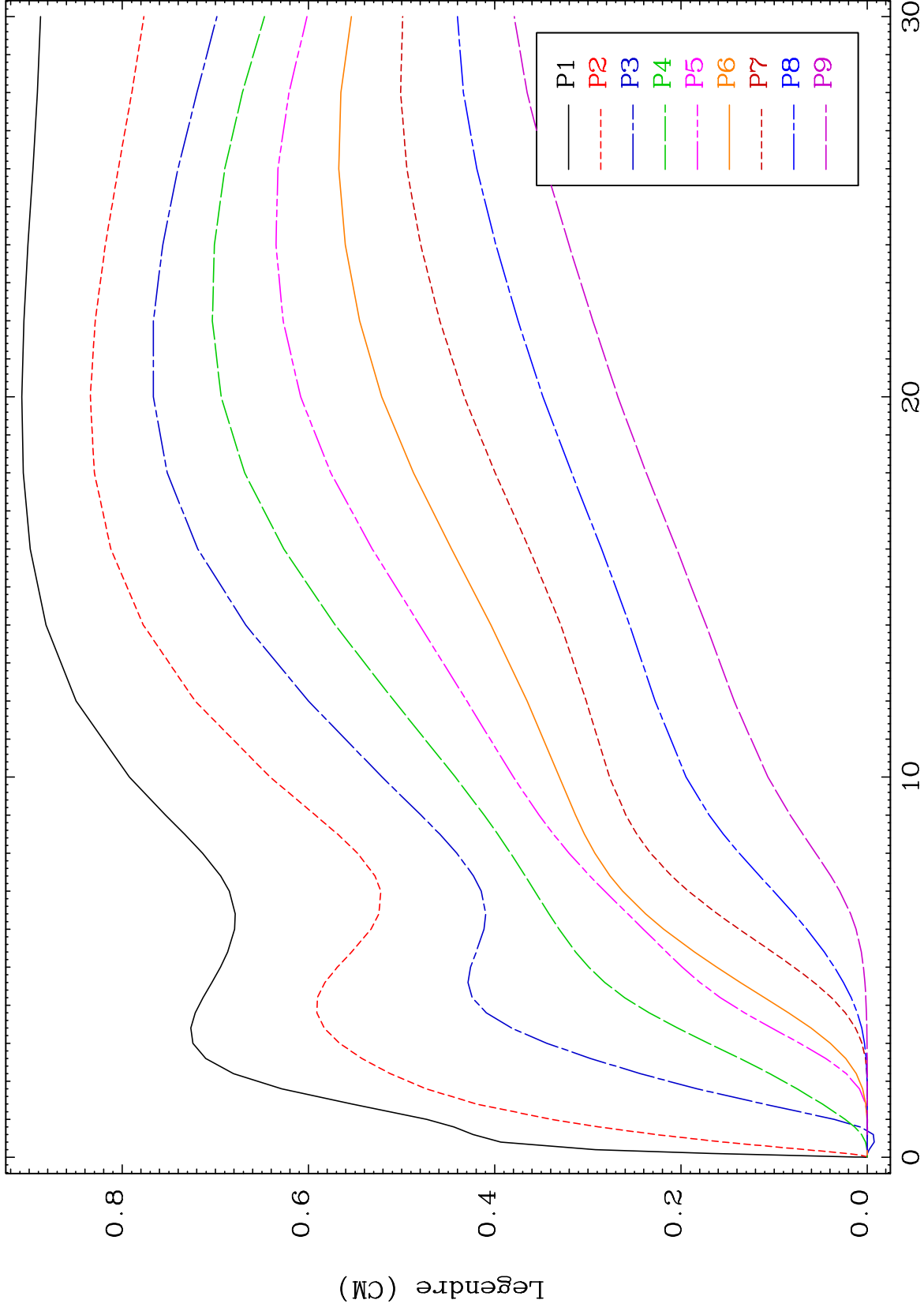
58-Ce-133



MAT 5816

Elastic Legendre Coefficients

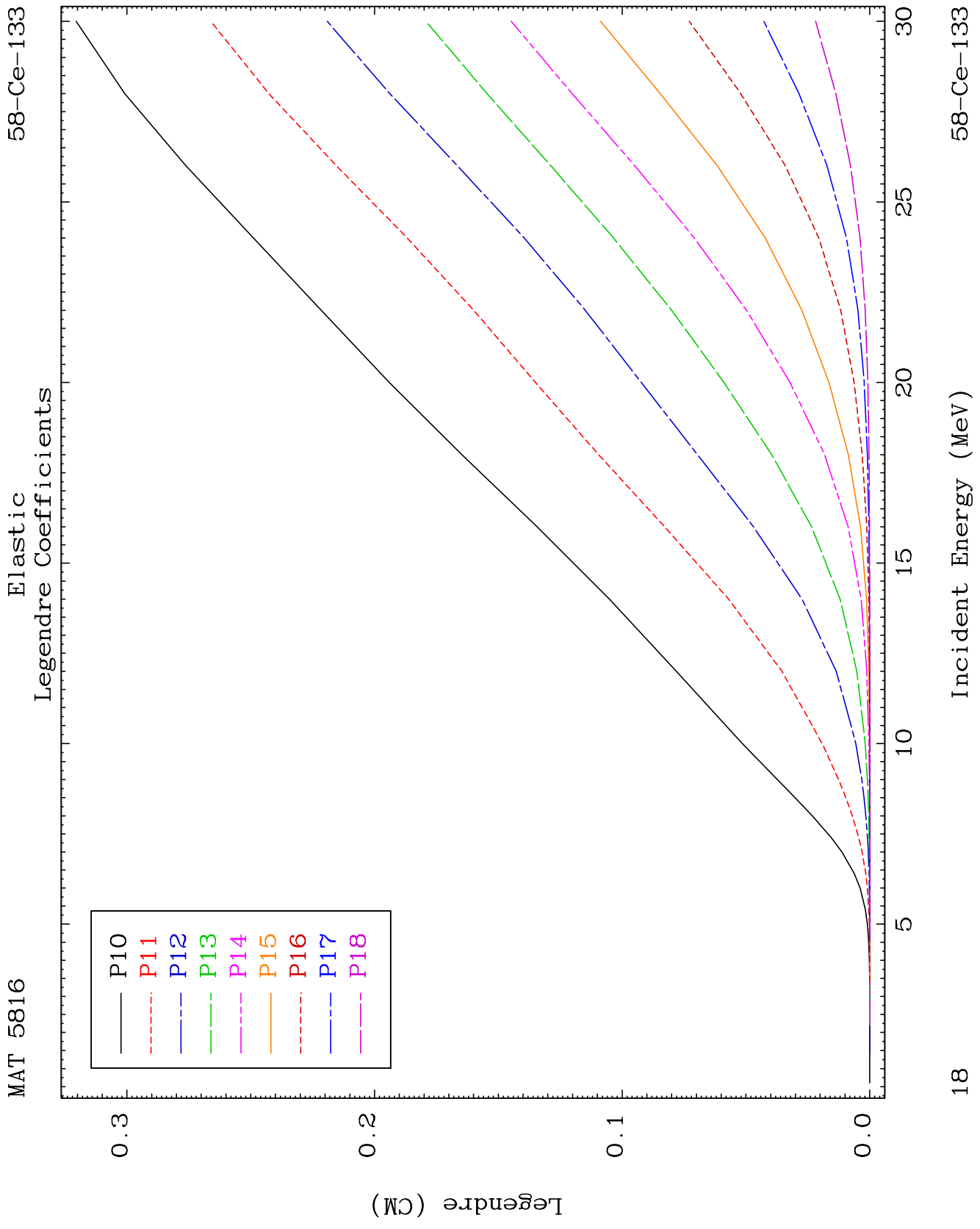
58-Ce-133



17

Incident Energy (MeV)

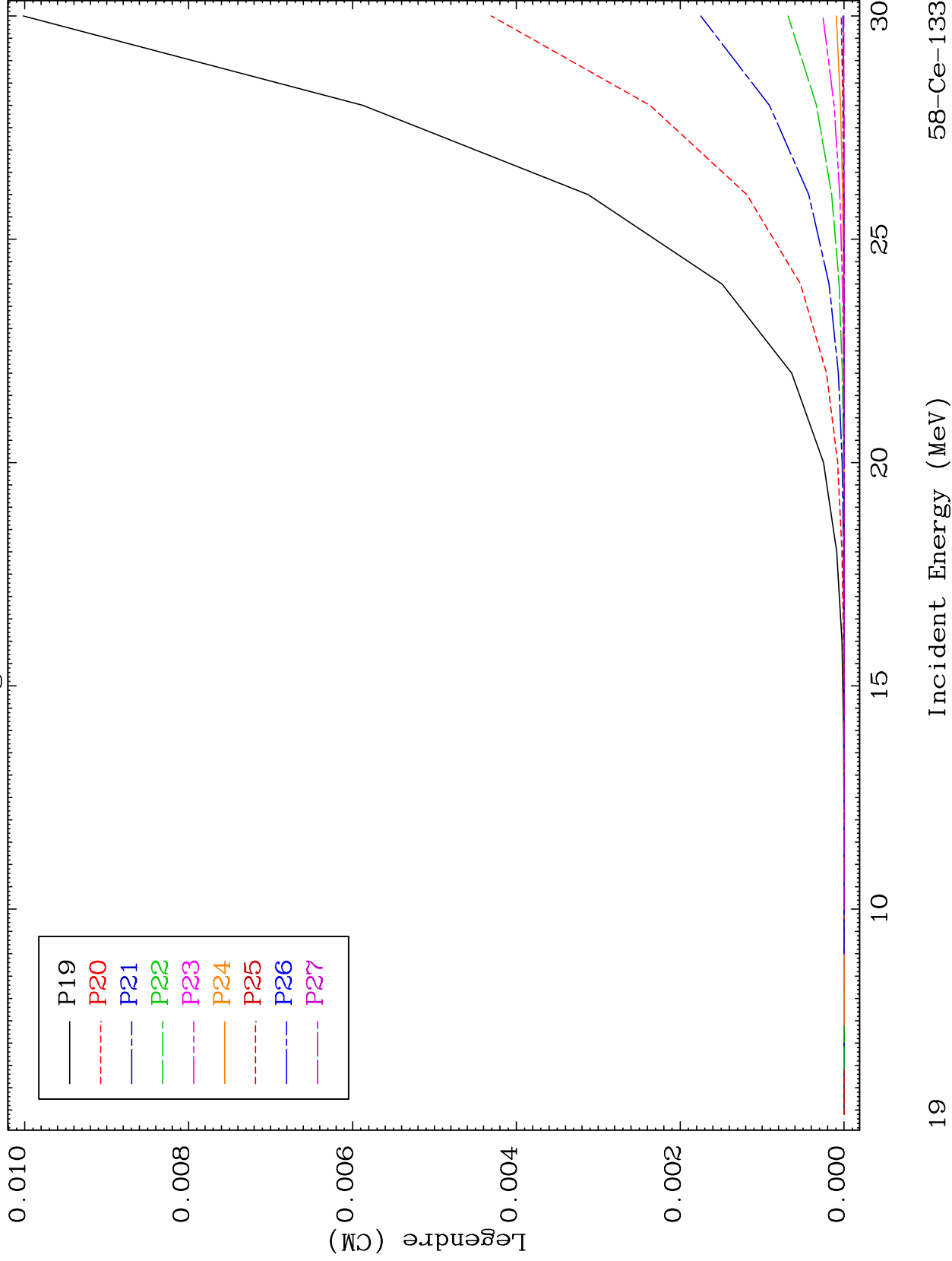
58-Ce-133



MAT 5816

Elastic Legendre Coefficients

58-Ce-133



19

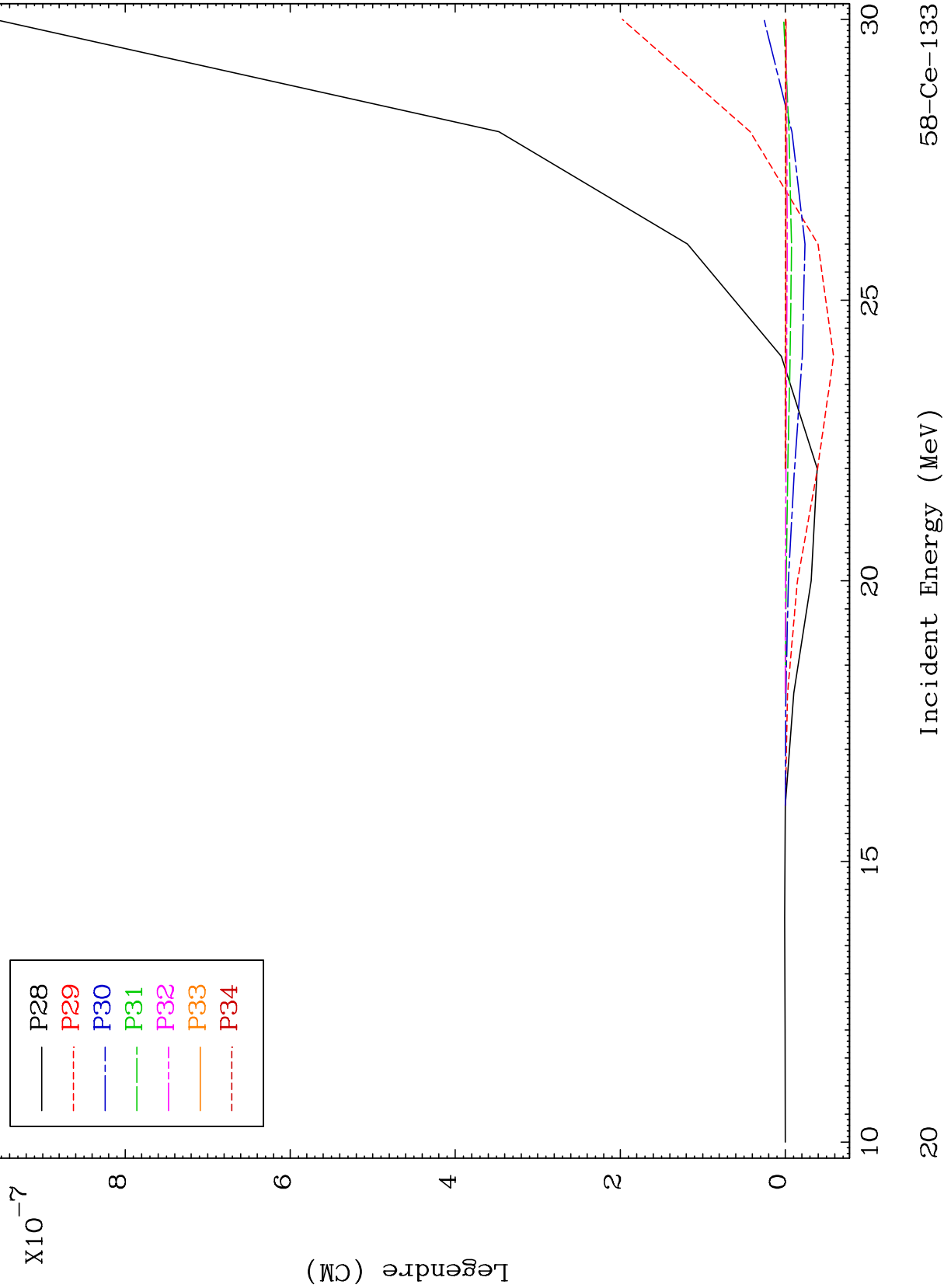
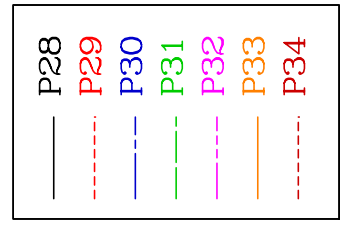
Incident Energy (MeV)

58-Ce-133

MAT 5816

Elastic
Legendre Coefficients

58-Ce-133



58-Ce-133

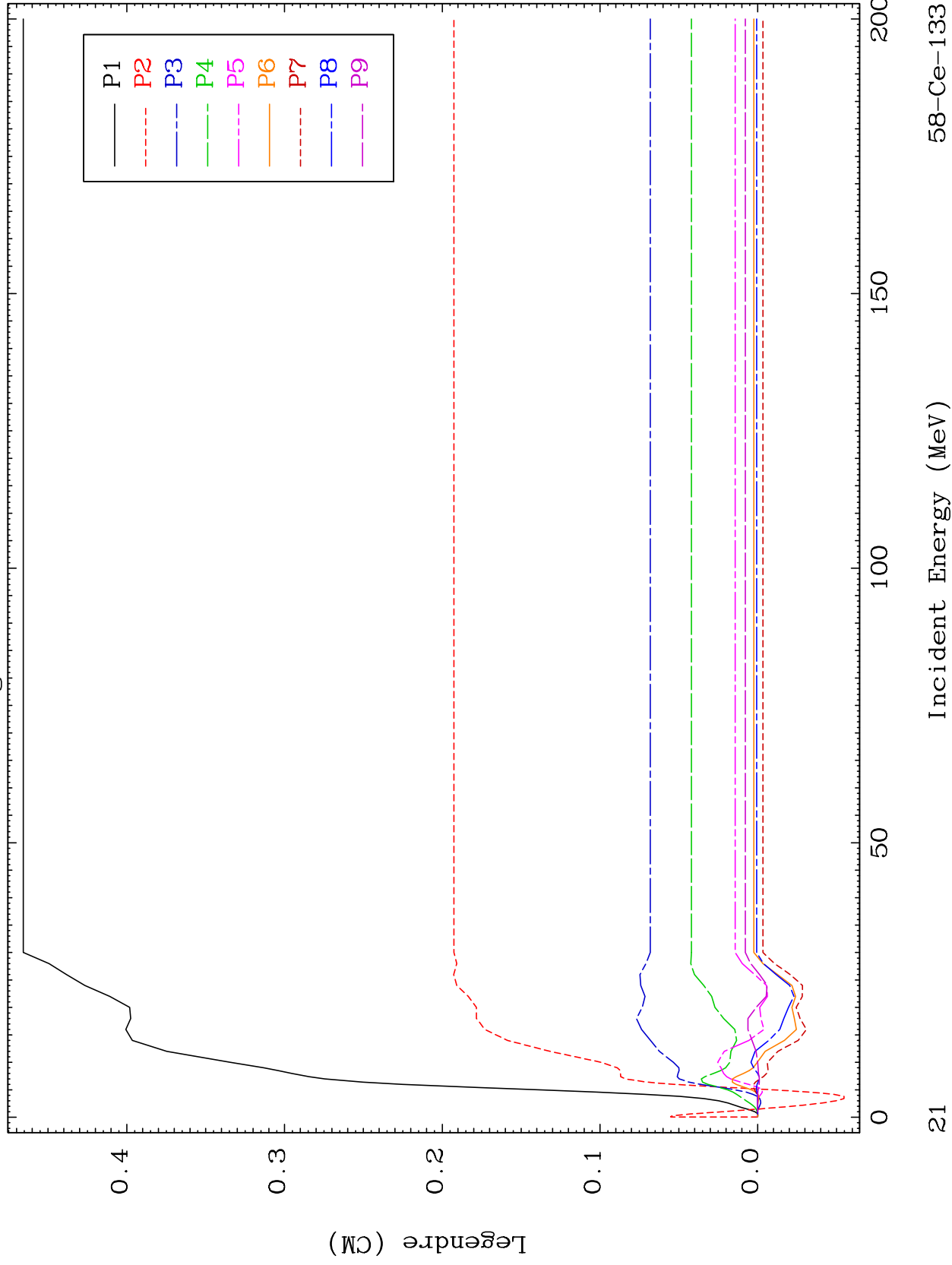
Incident Energy (MeV)

20

MAT 5816

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

58-Ce-133



58-Ce-133

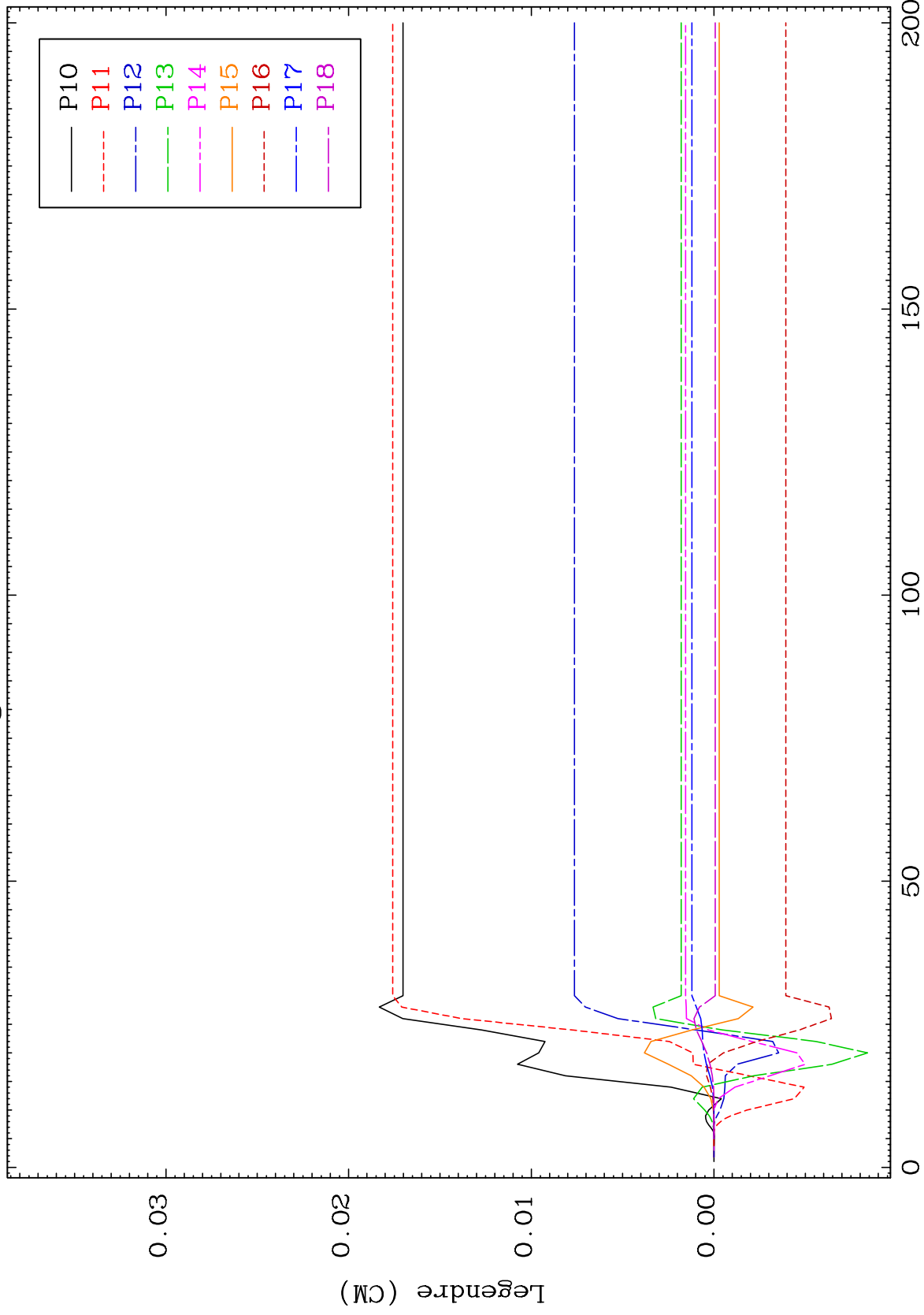
Incident Energy (MeV)

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MAT 5816

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

58-Ce-133



22

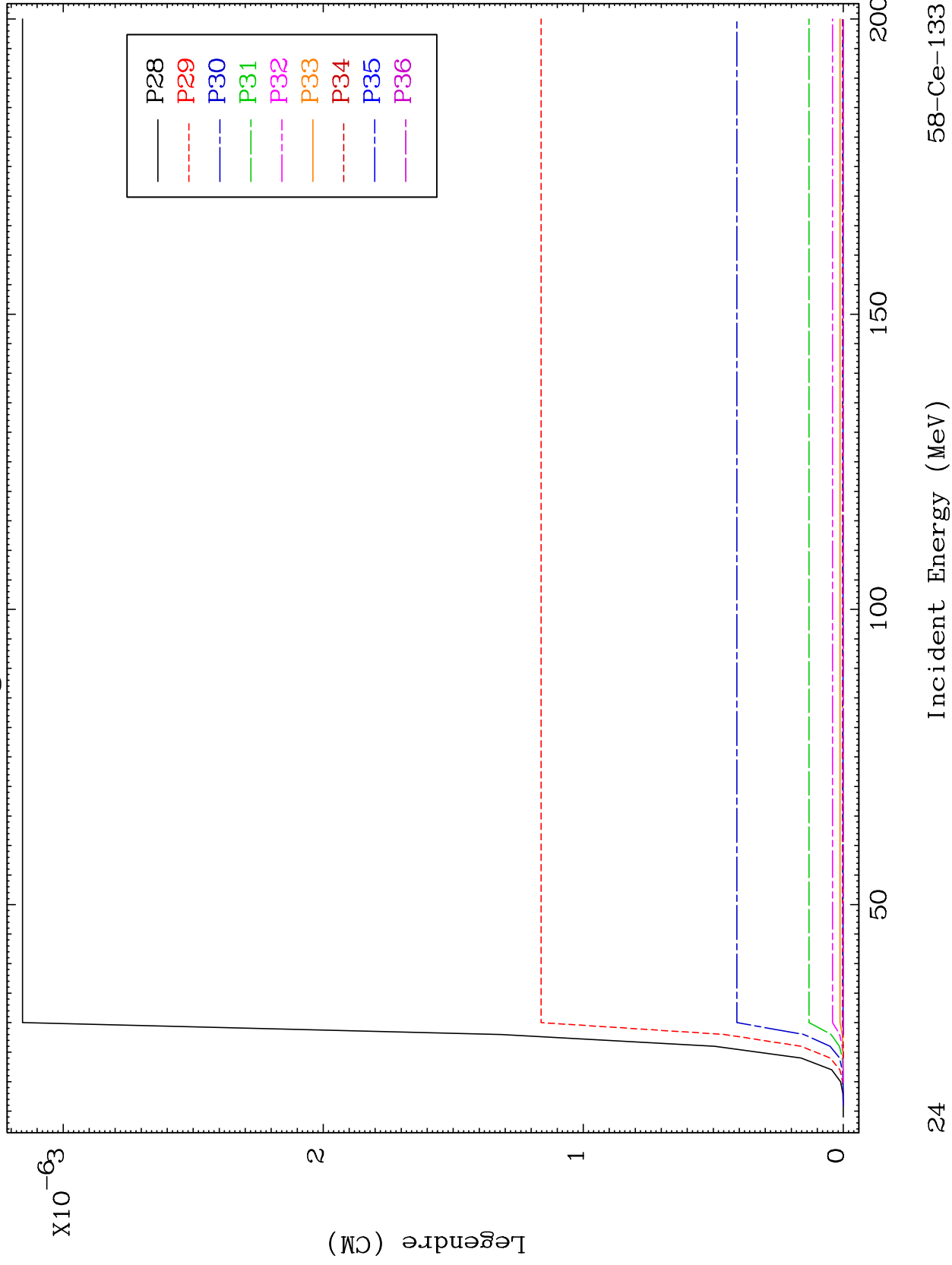
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



24

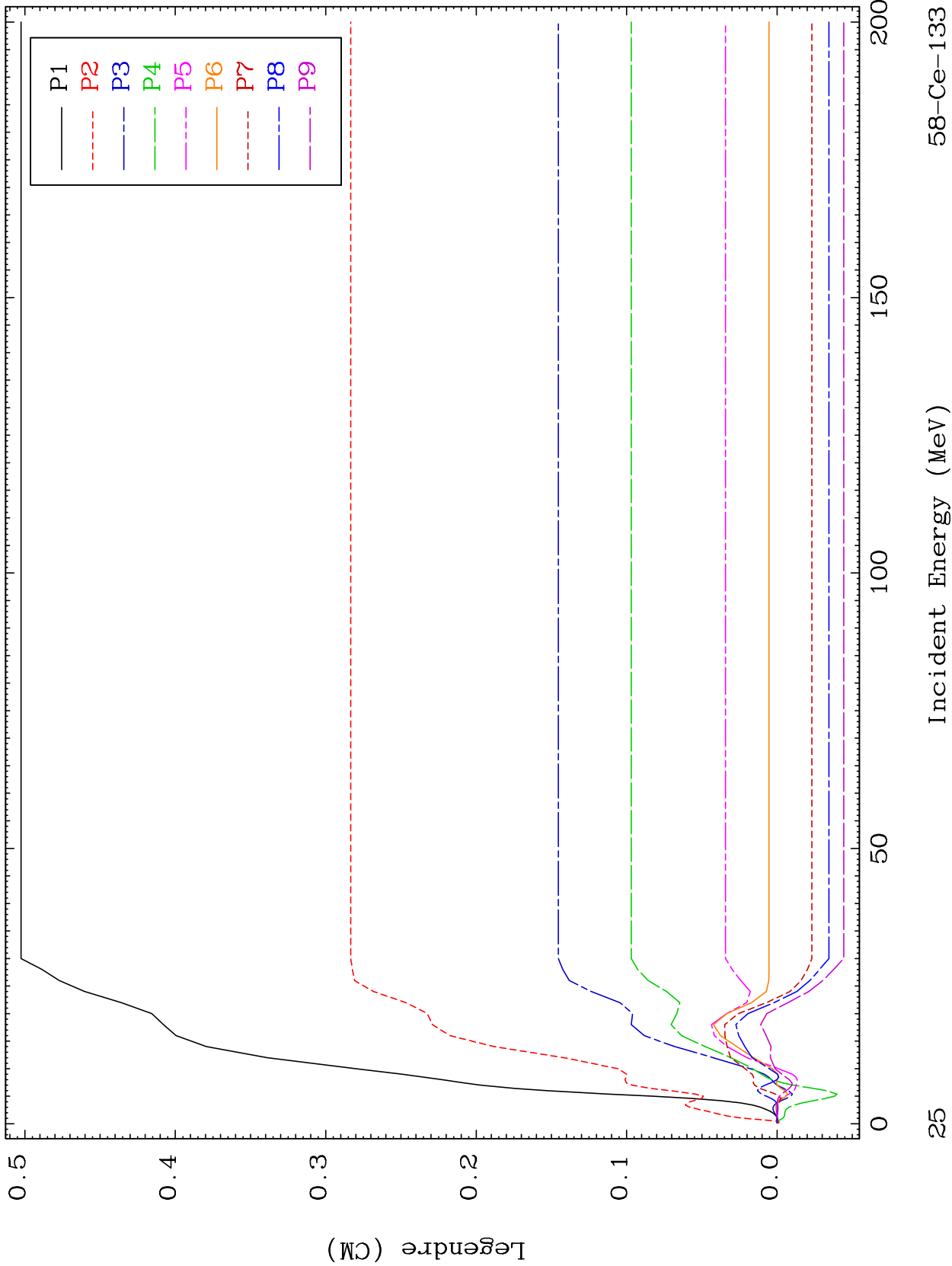
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



58-Ce-133

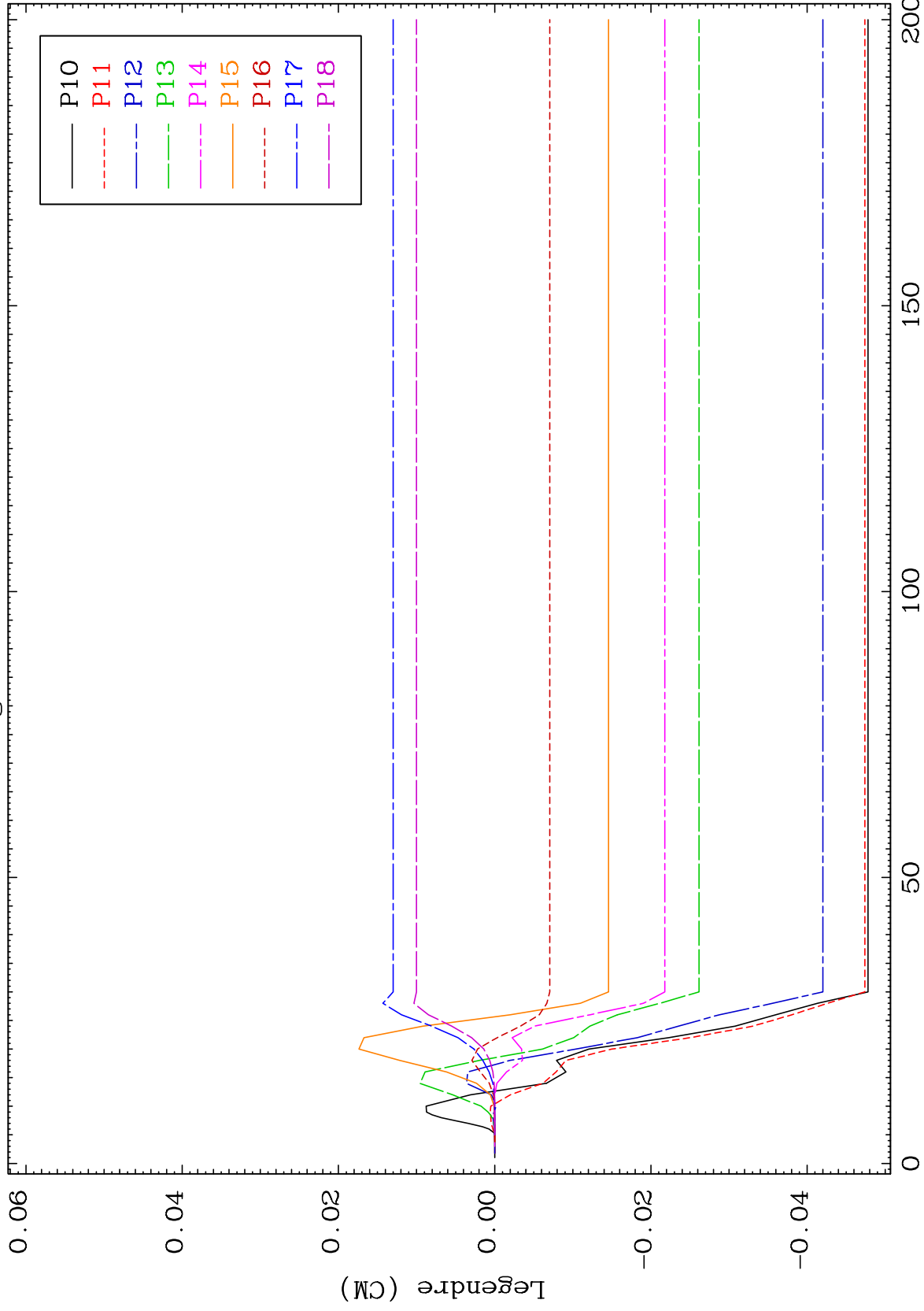
Incident Energy (MeV)

25

MAT 5816

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

58-Ce-133



26

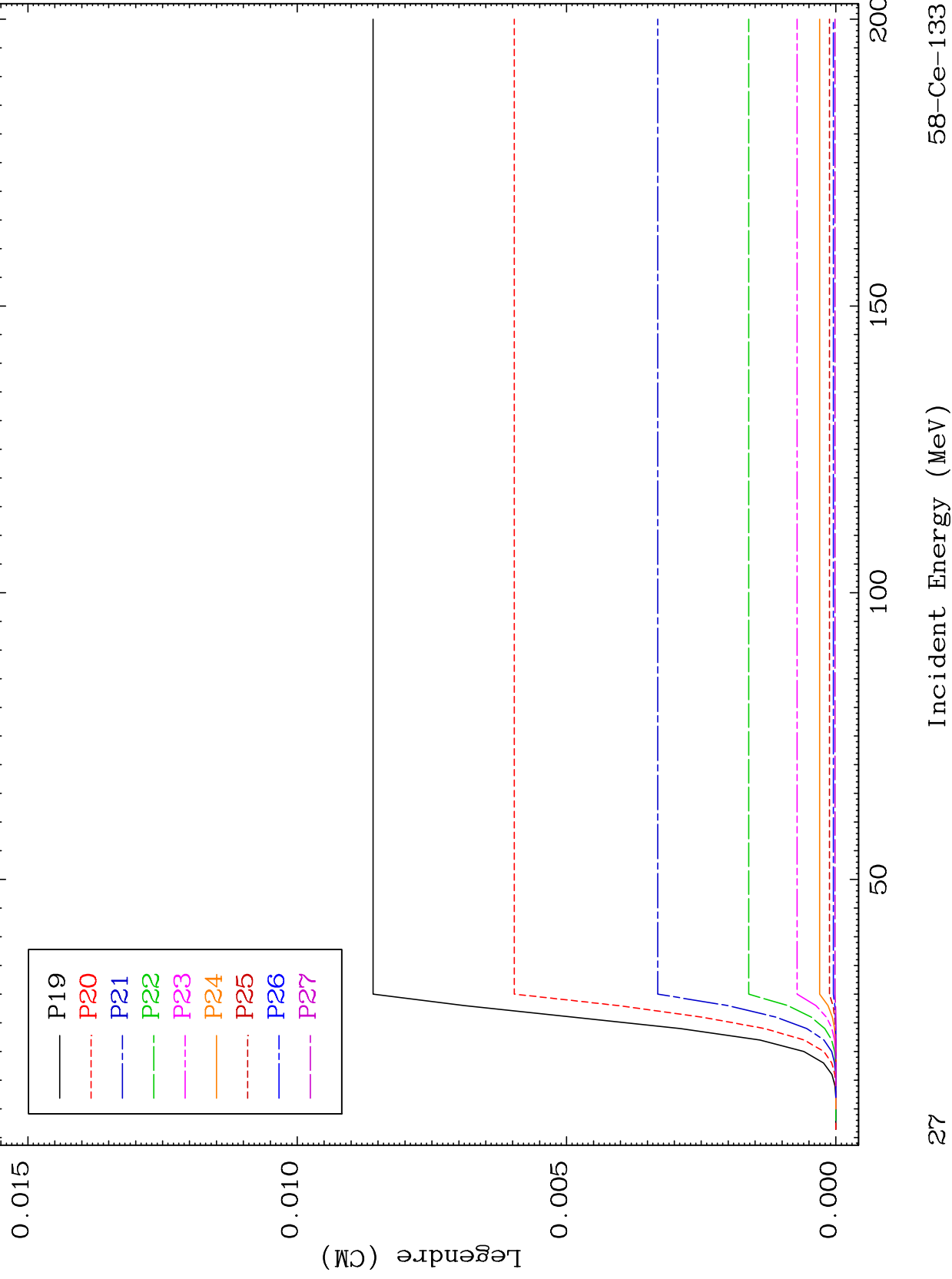
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



27

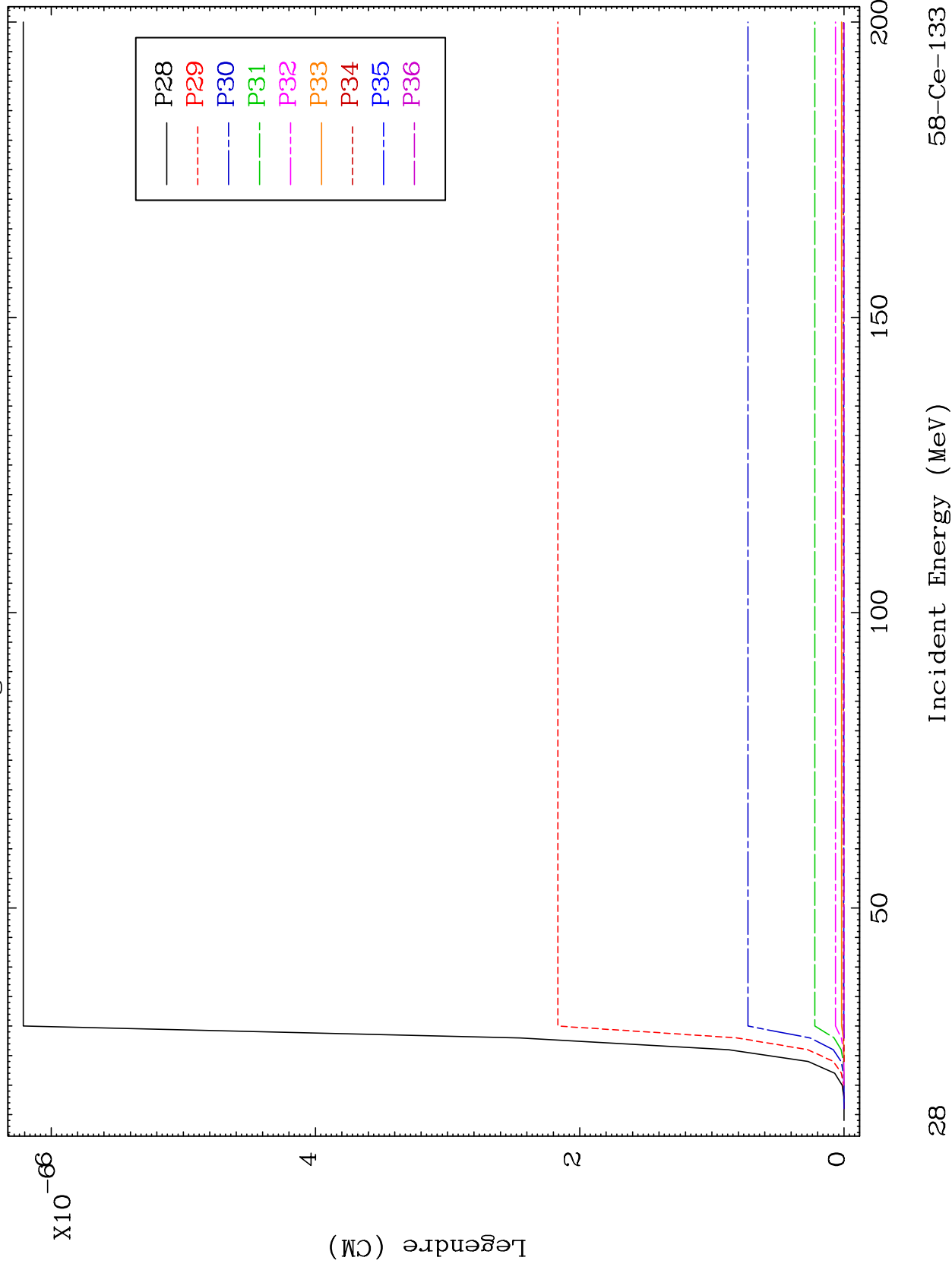
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



28

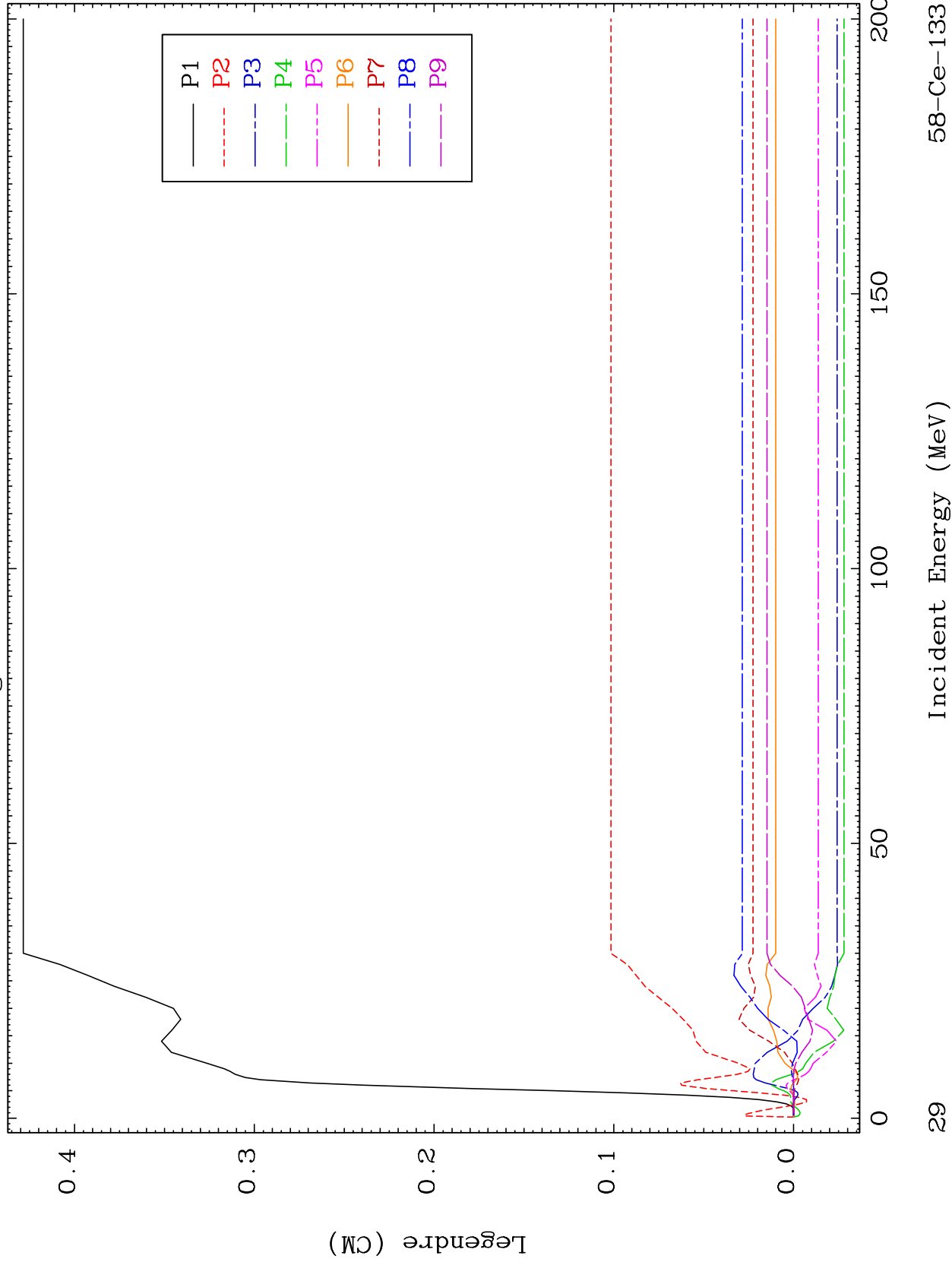
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



58-Ce-133

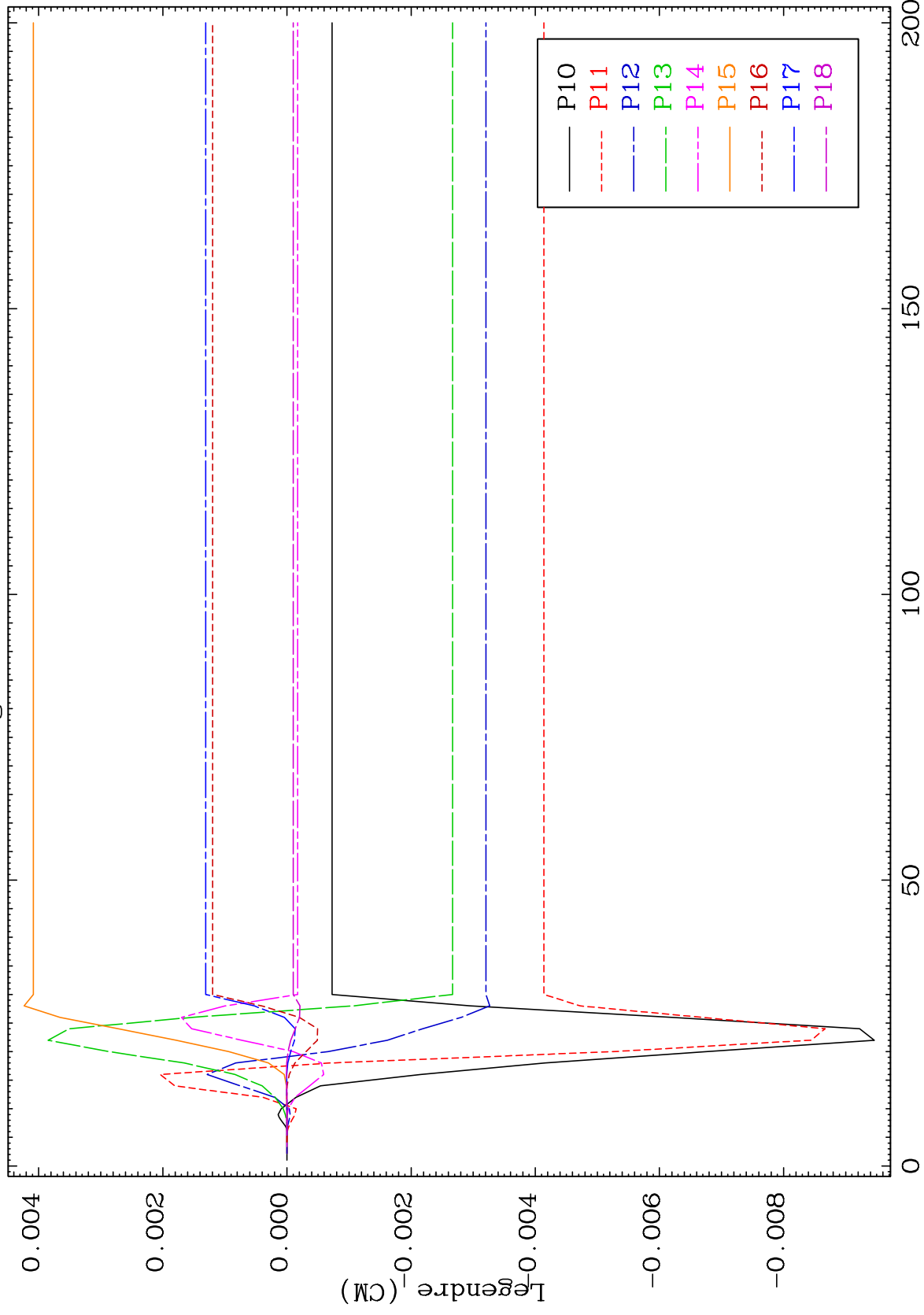
Incident Energy (MeV)

29

MAT 5816

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

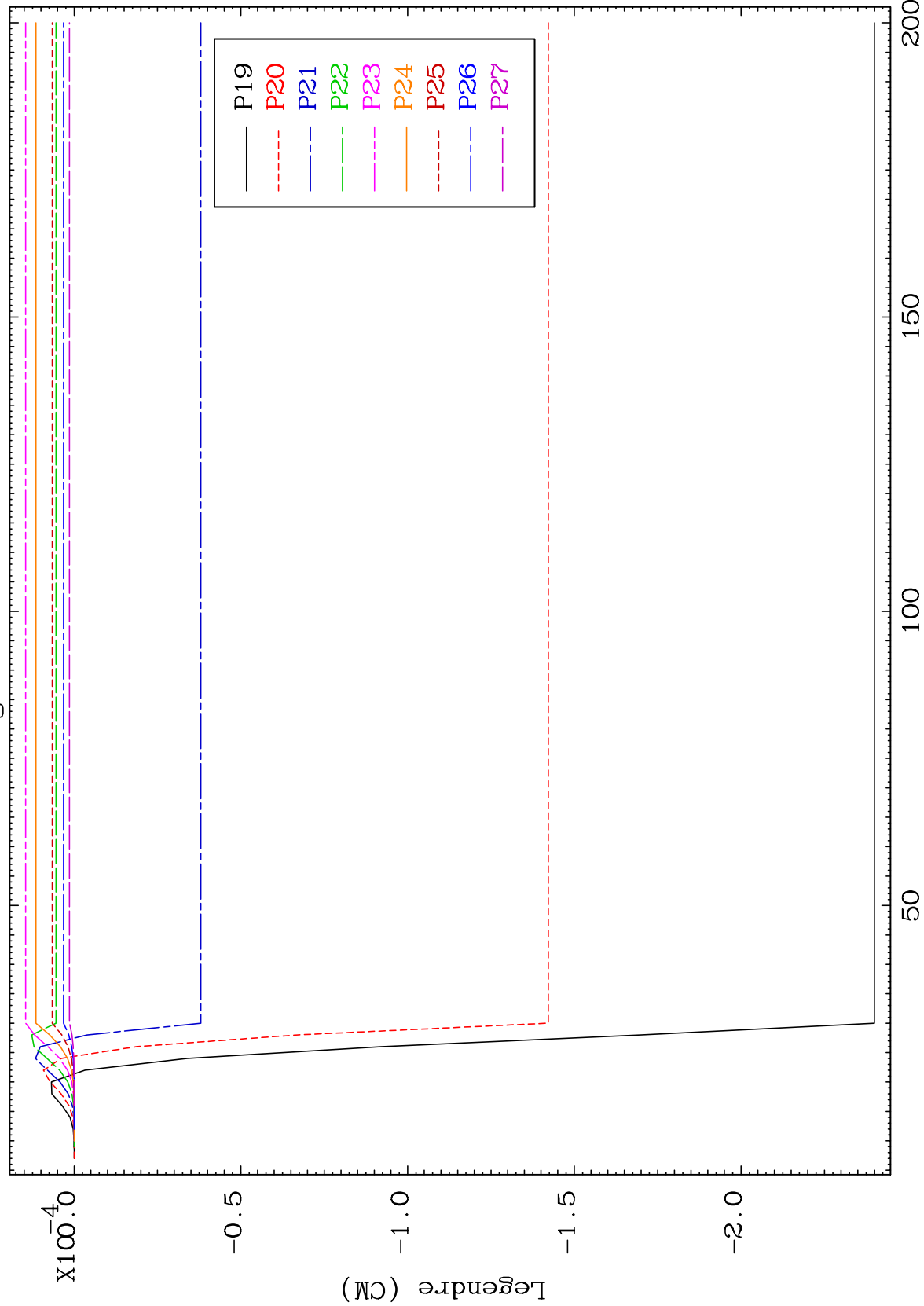
58-Ce-133



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Incident Energy (MeV)

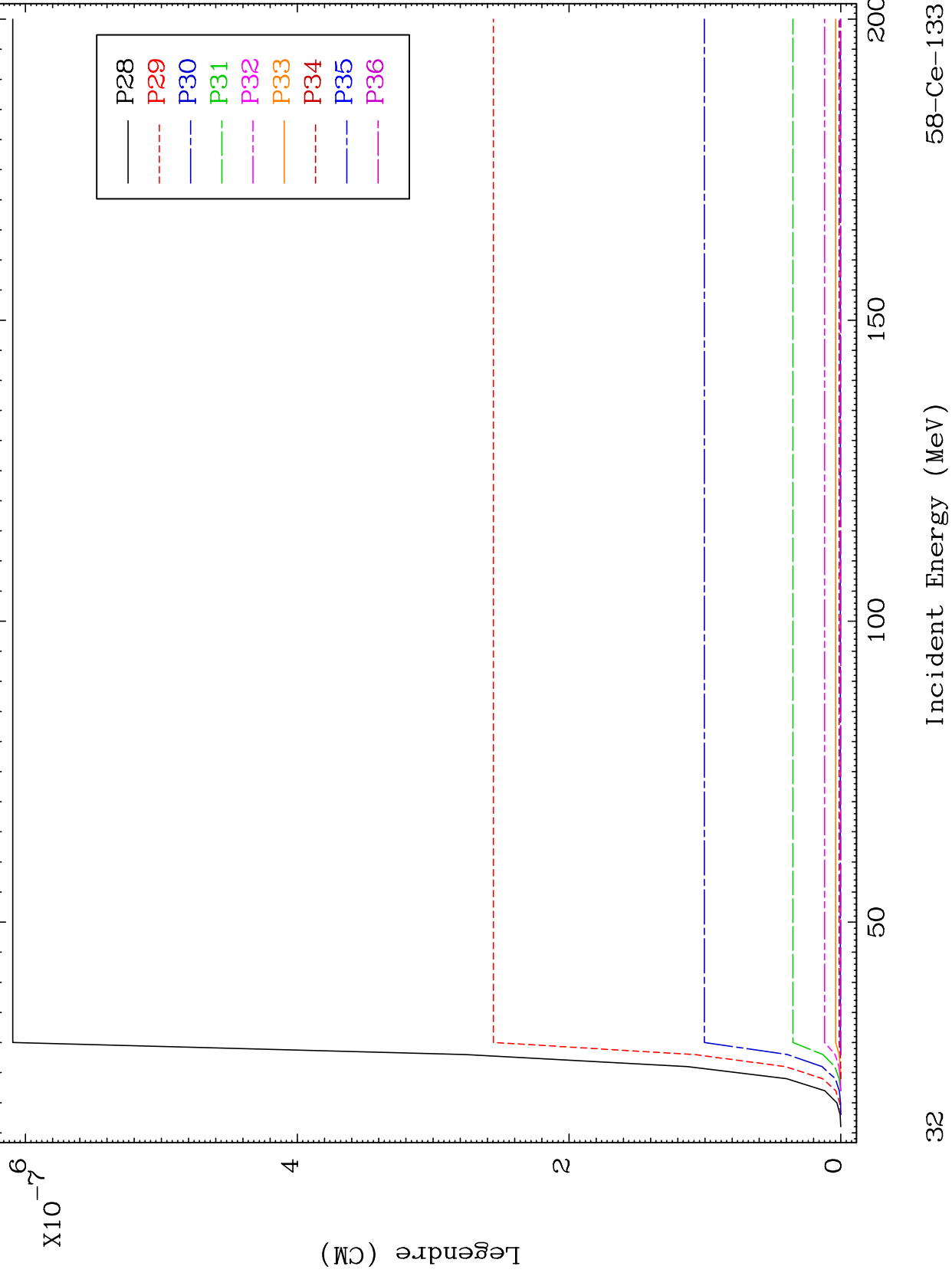
58-Ce-133



MAT 5816

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

58-Ce-133



32

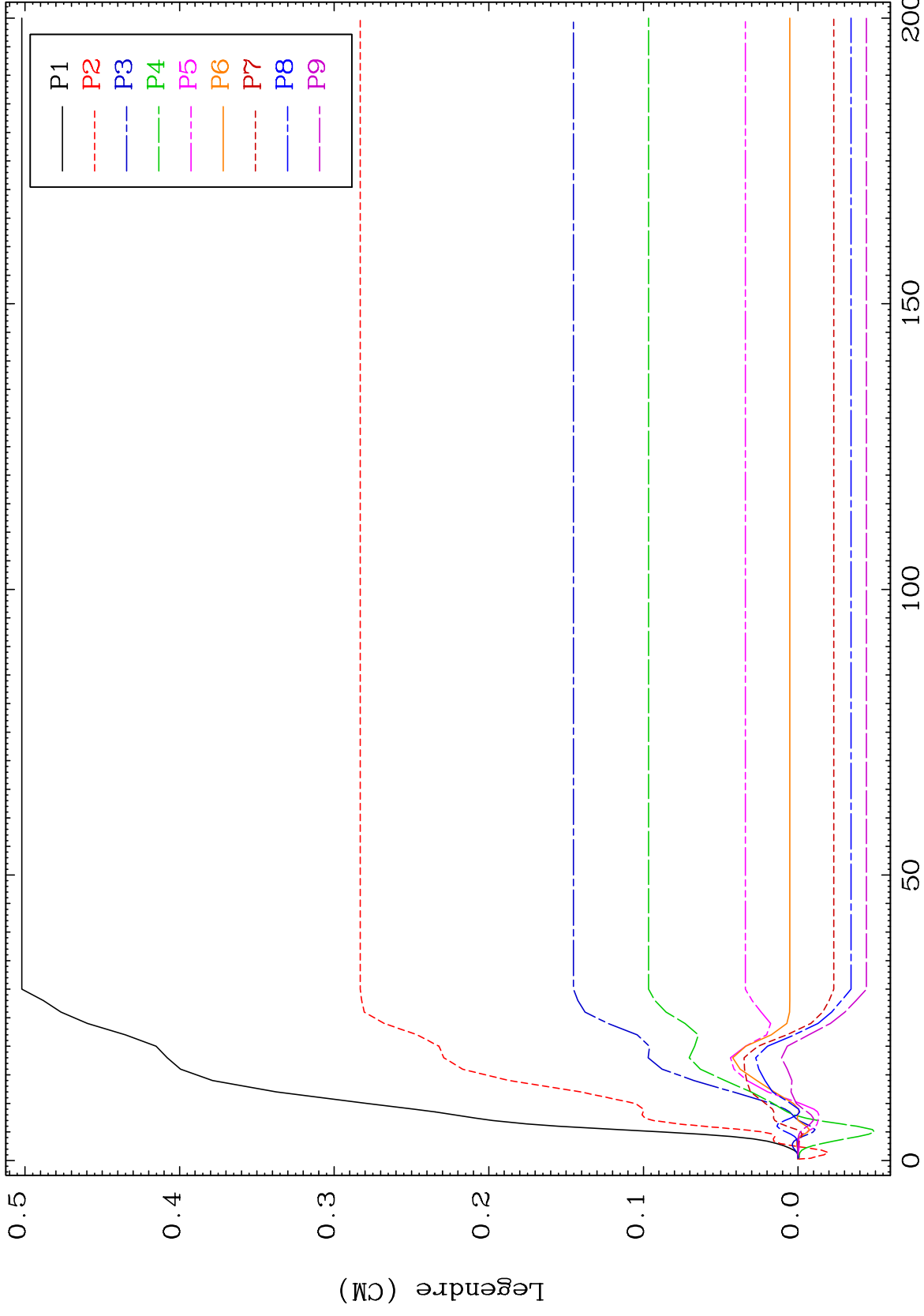
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



33

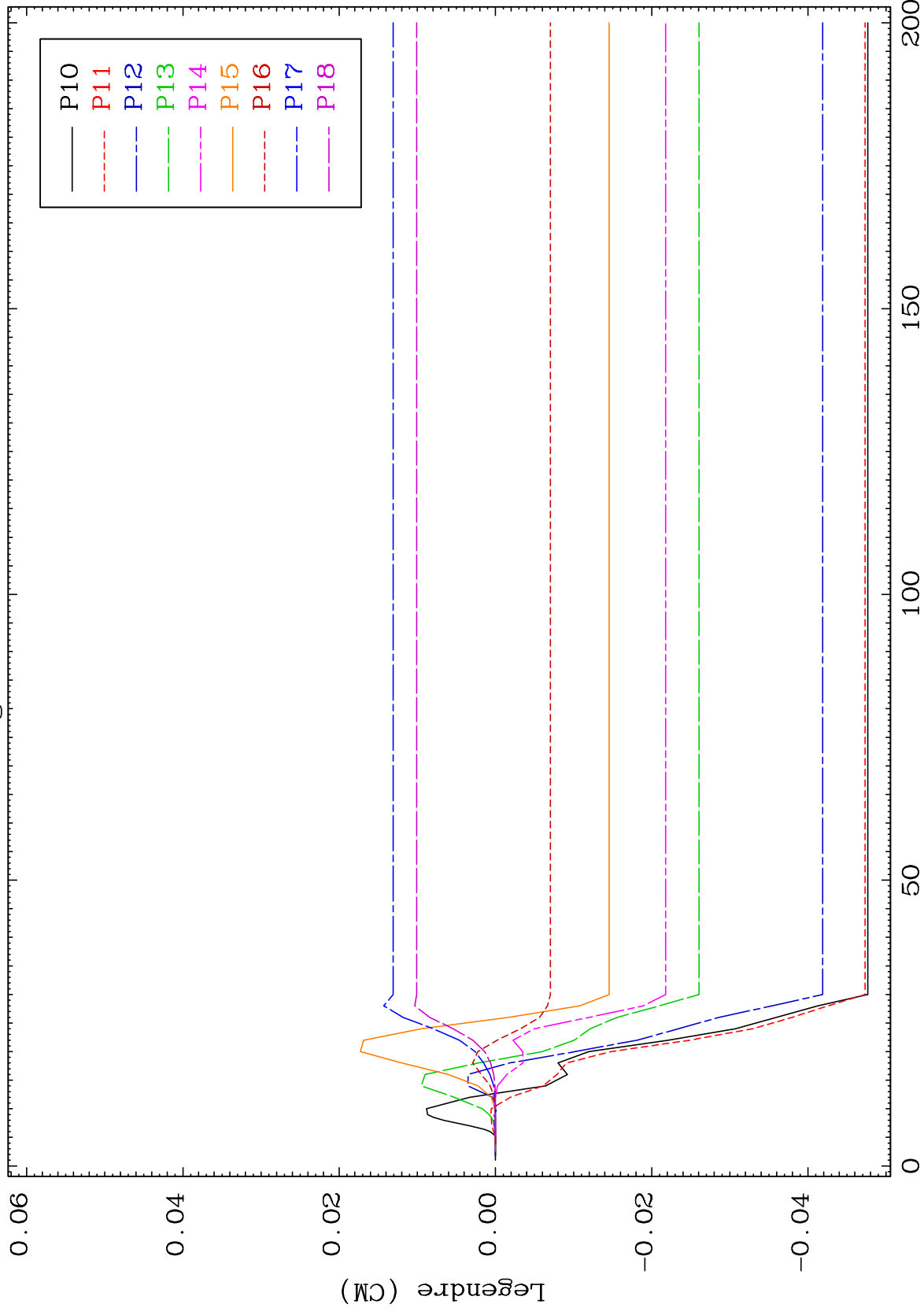
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



34

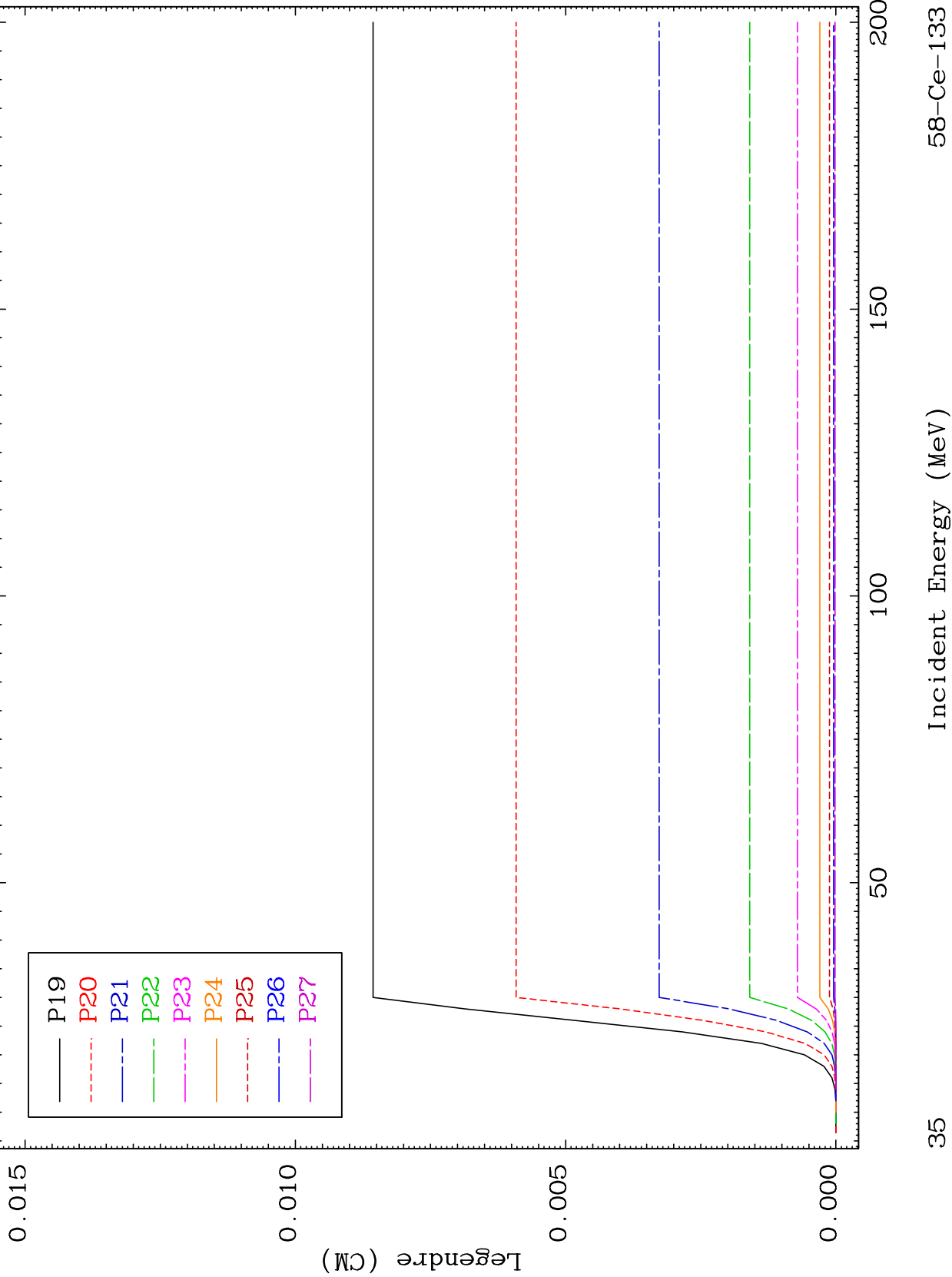
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



35

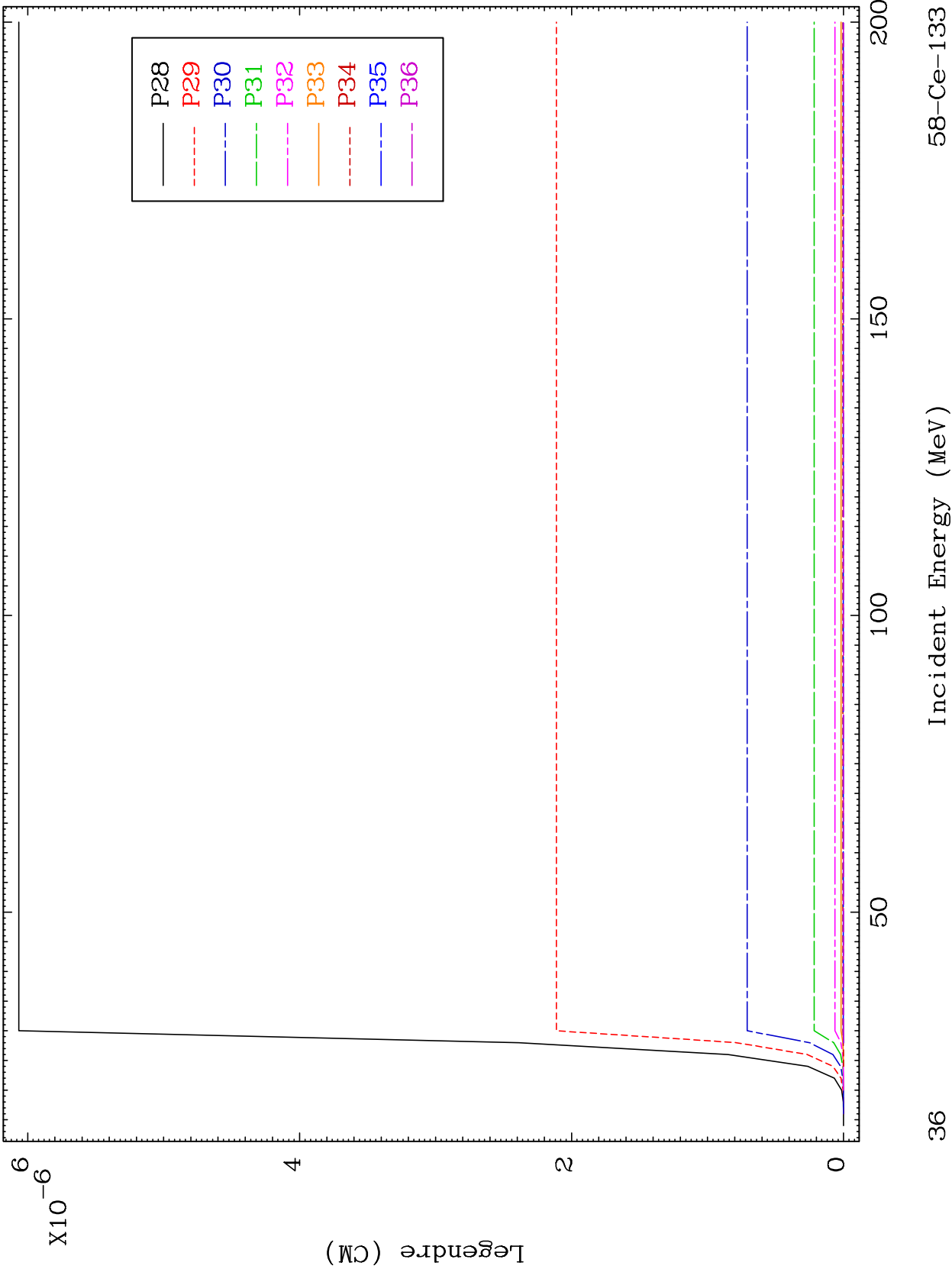
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



36

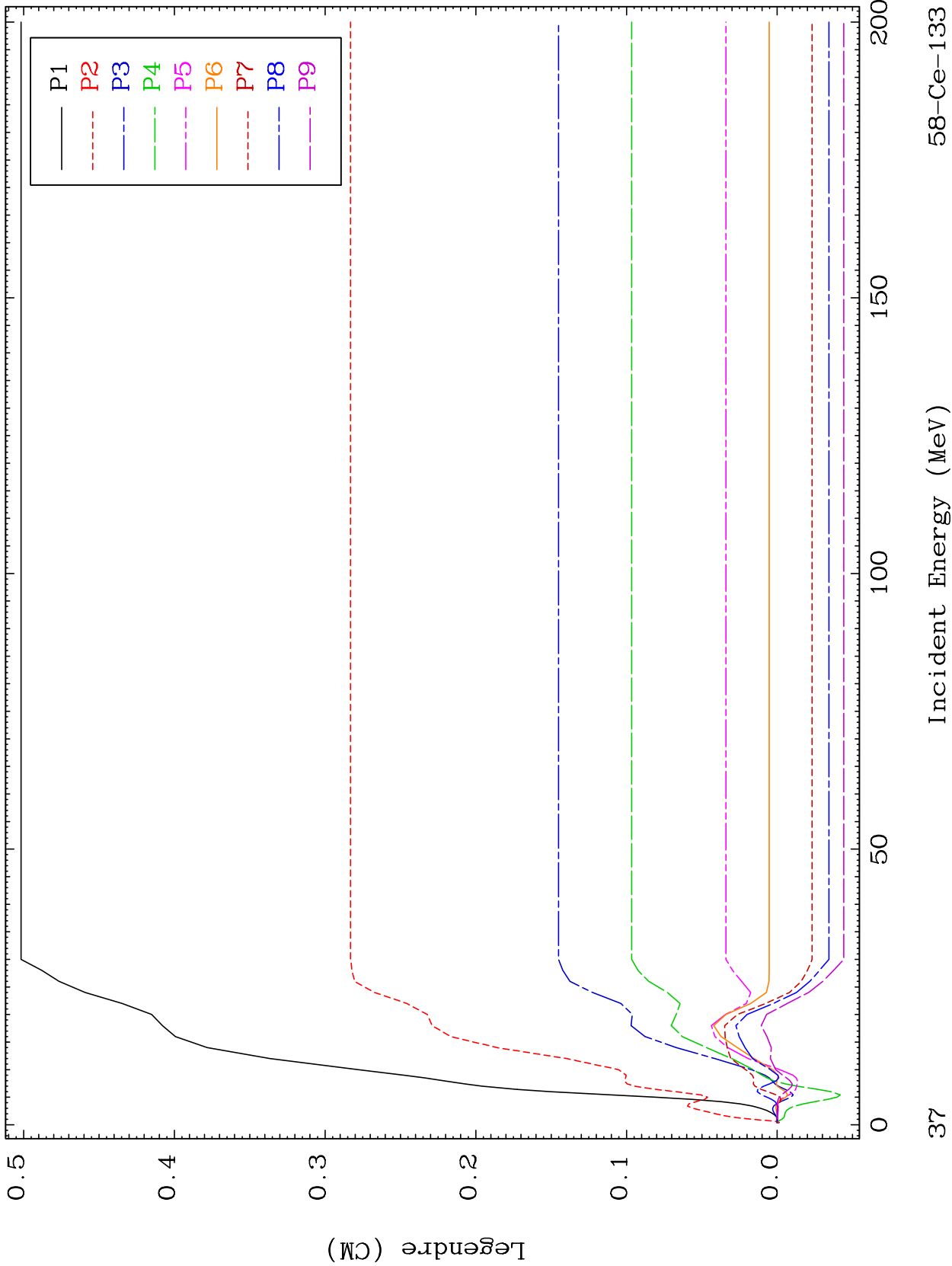
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



58-Ce-133

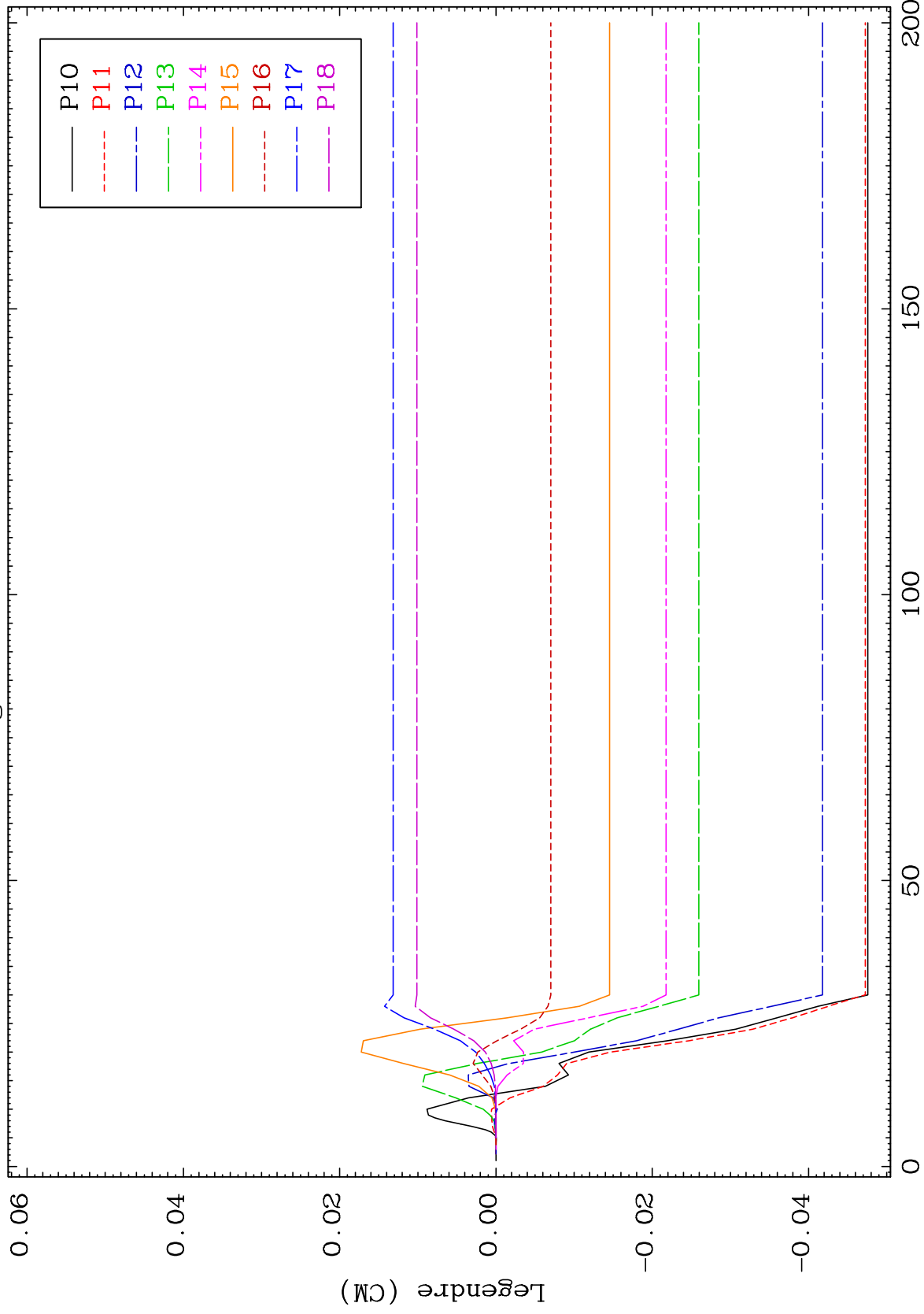
Incident Energy (MeV)

37

MAT 5816

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

58-Ce-133



38

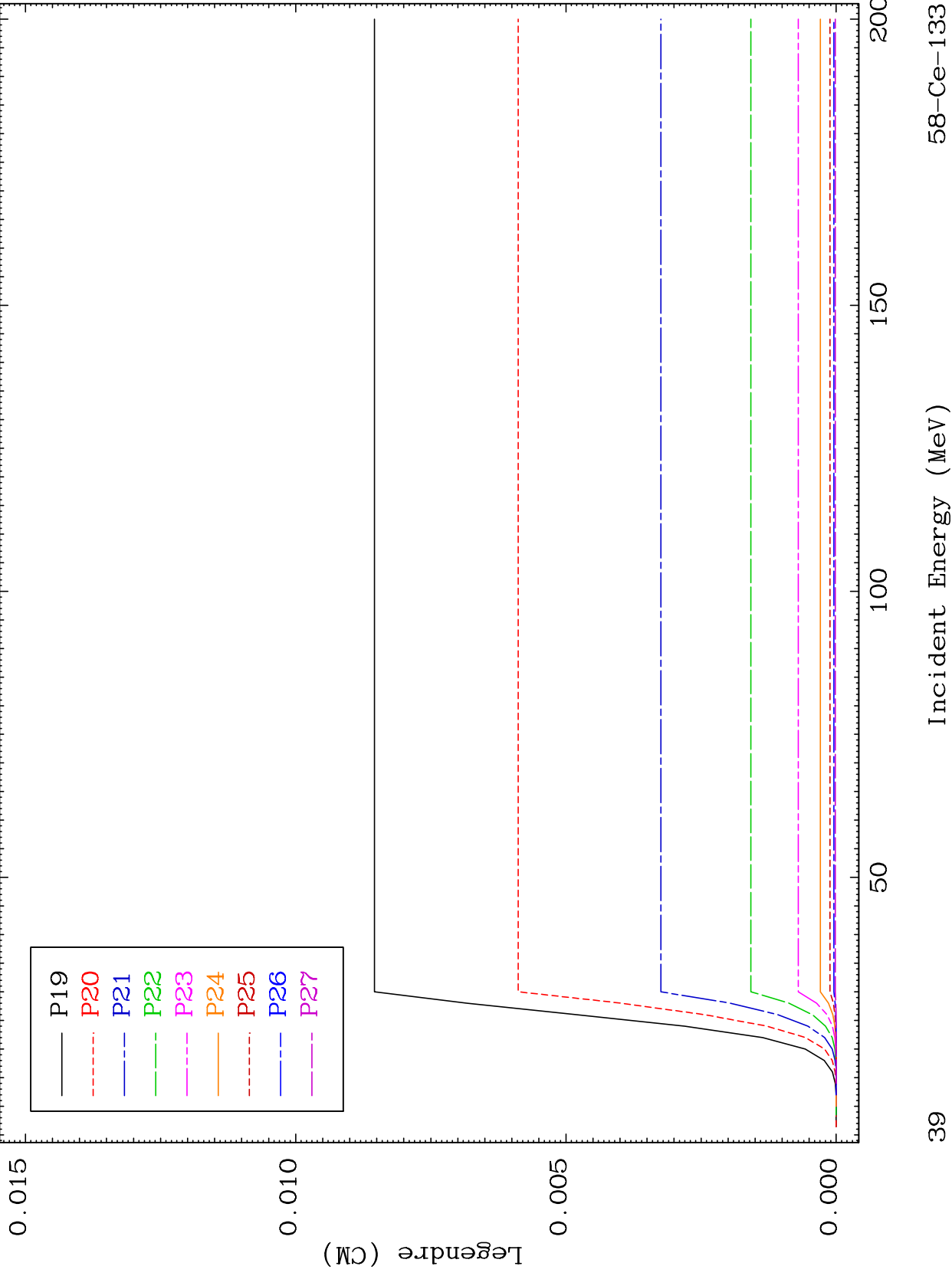
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



39

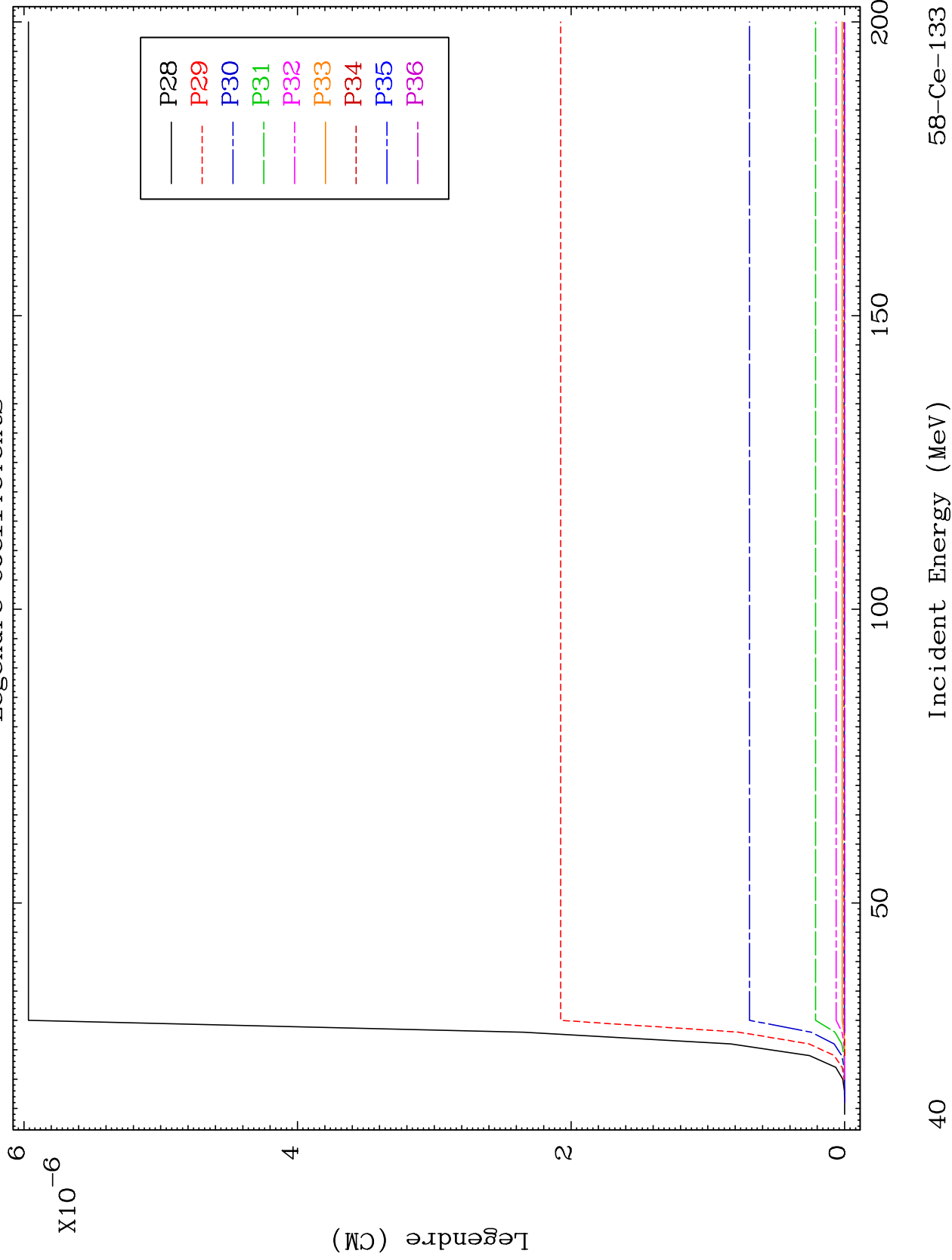
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

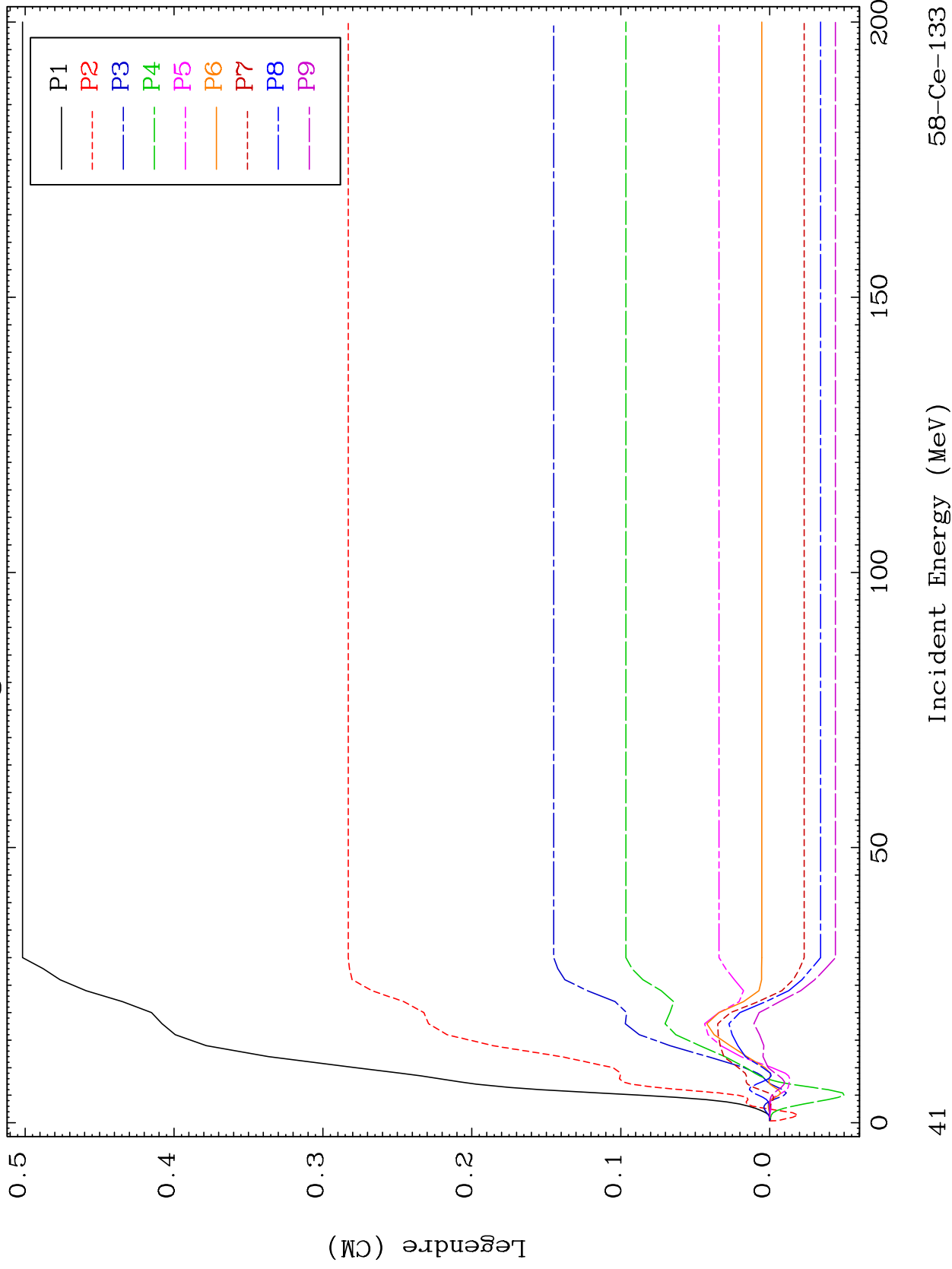
58-Ce-133



MAT 5816

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

58-Ce-133



58-Ce-133

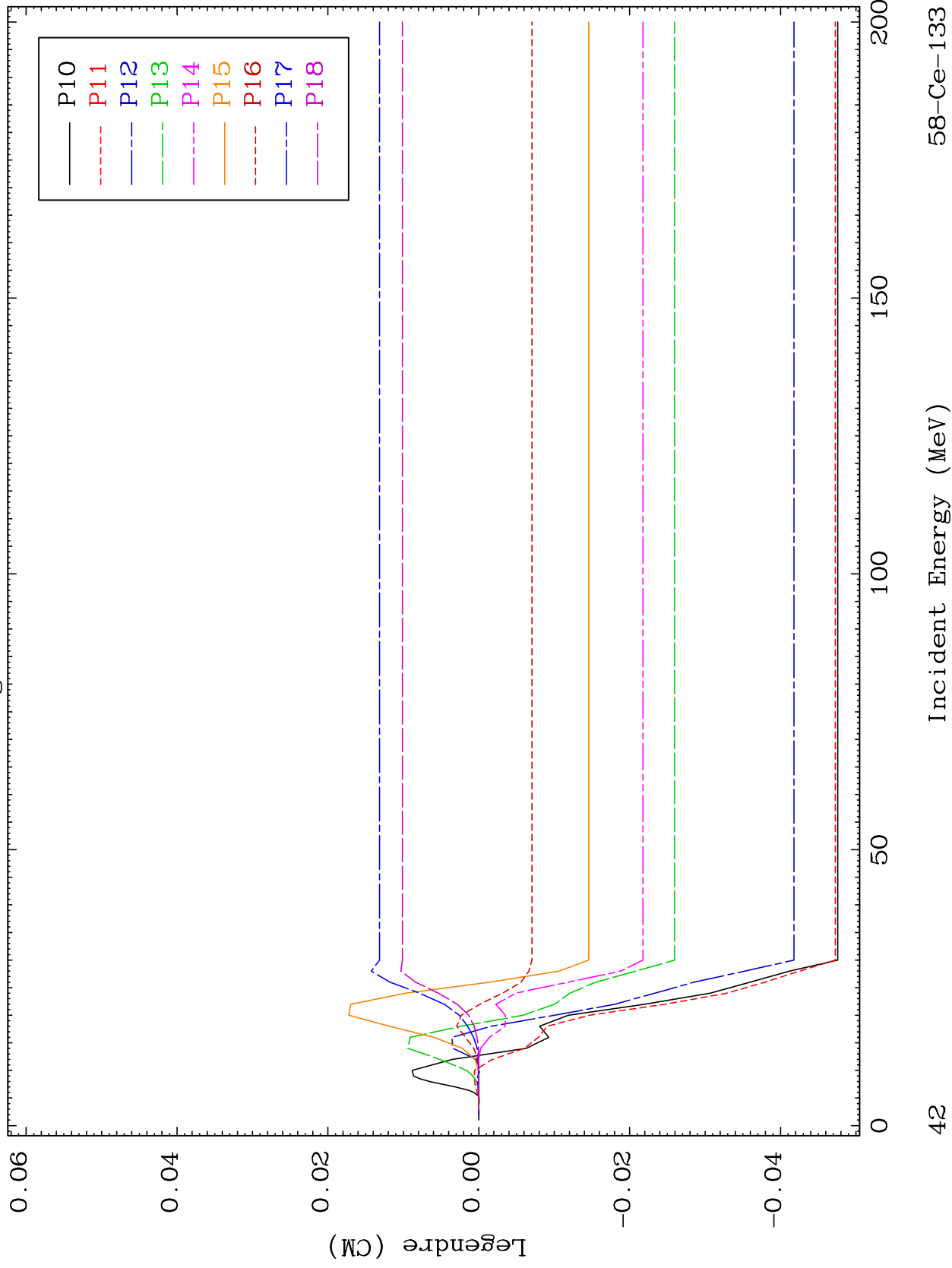
Incident Energy (MeV)

41

MAT 5816

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

58-Ce-133



58-Ce-133

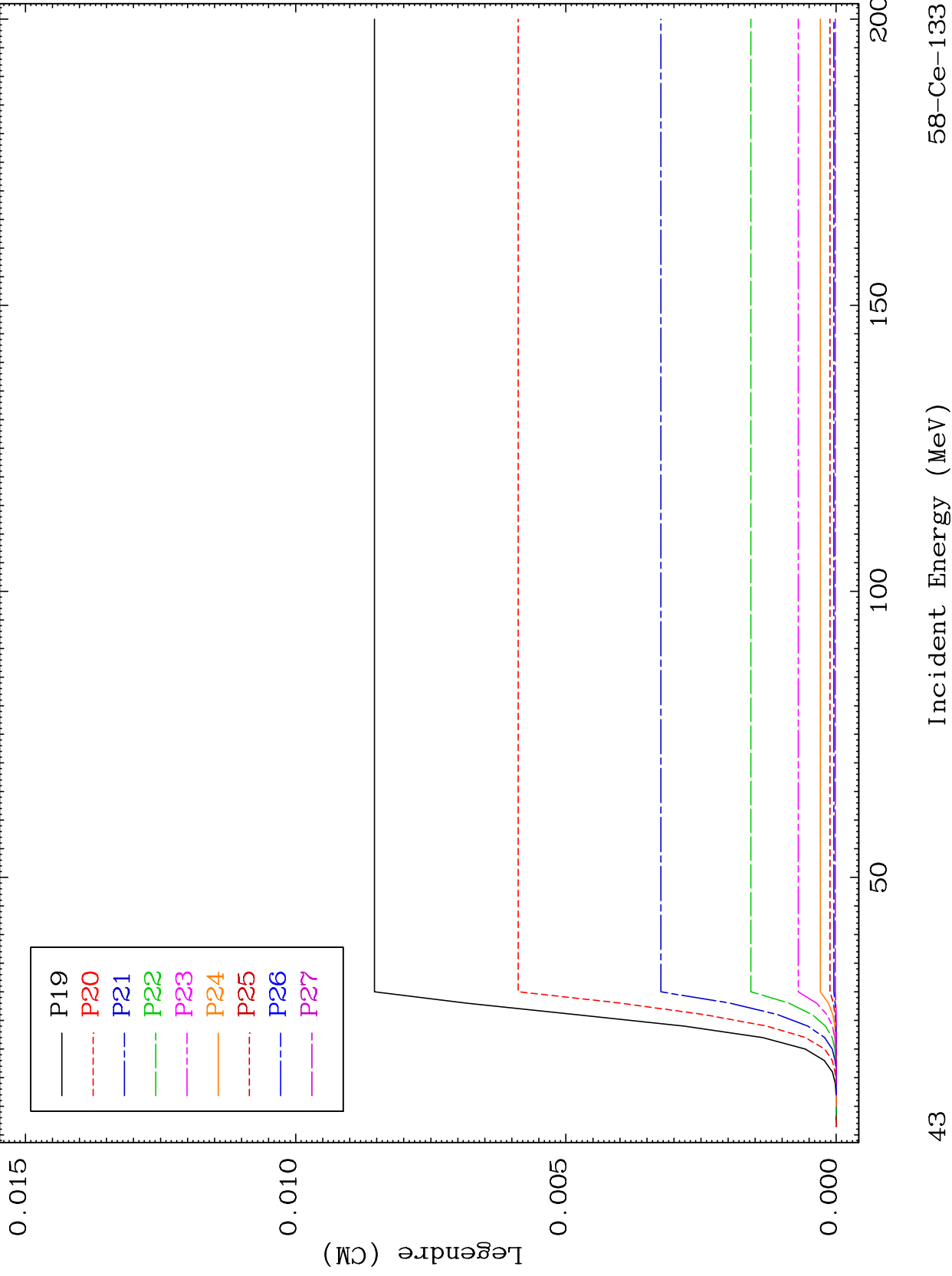
Incident Energy (MeV)

42

MAT 5816

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

58-Ce-133



43

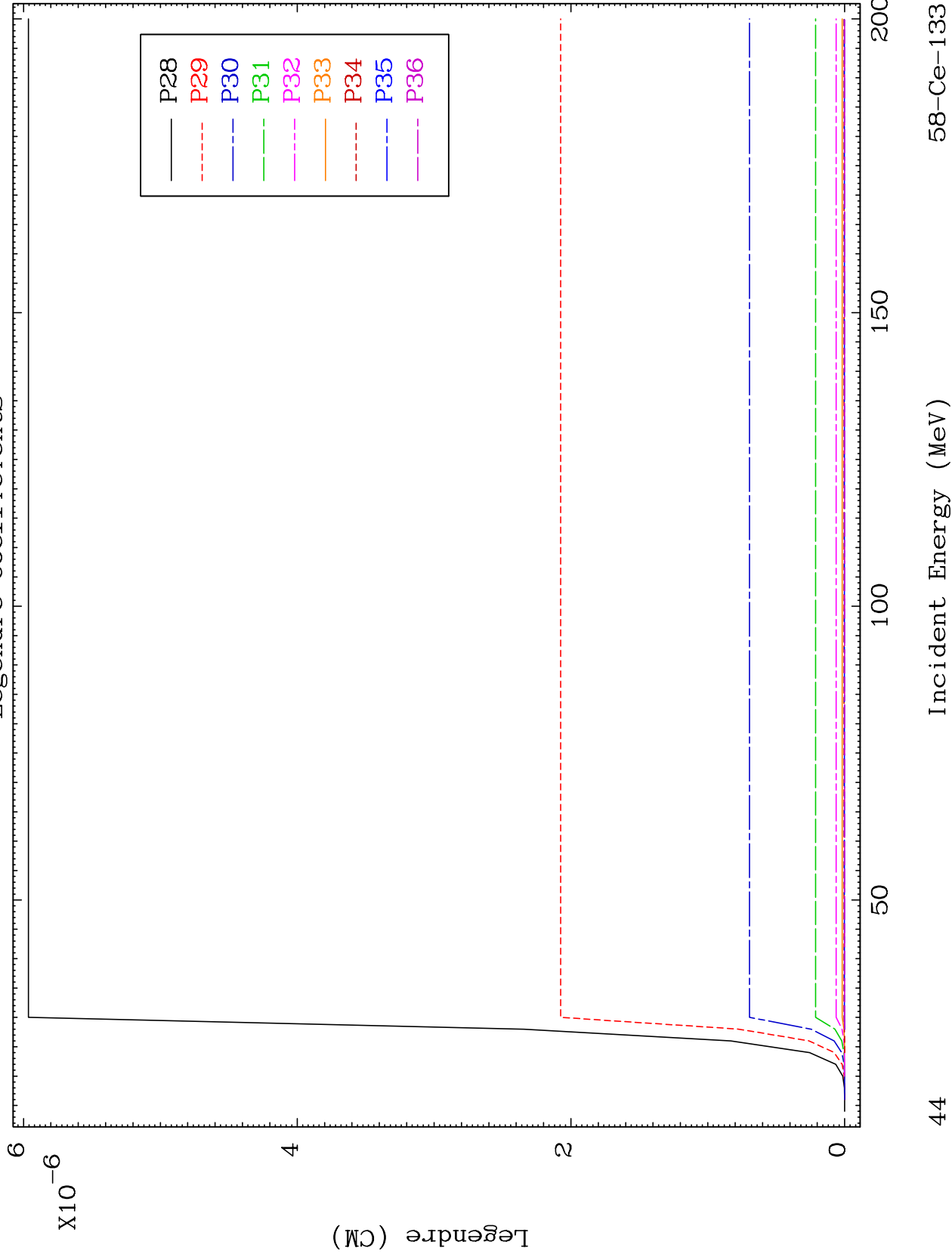
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



44

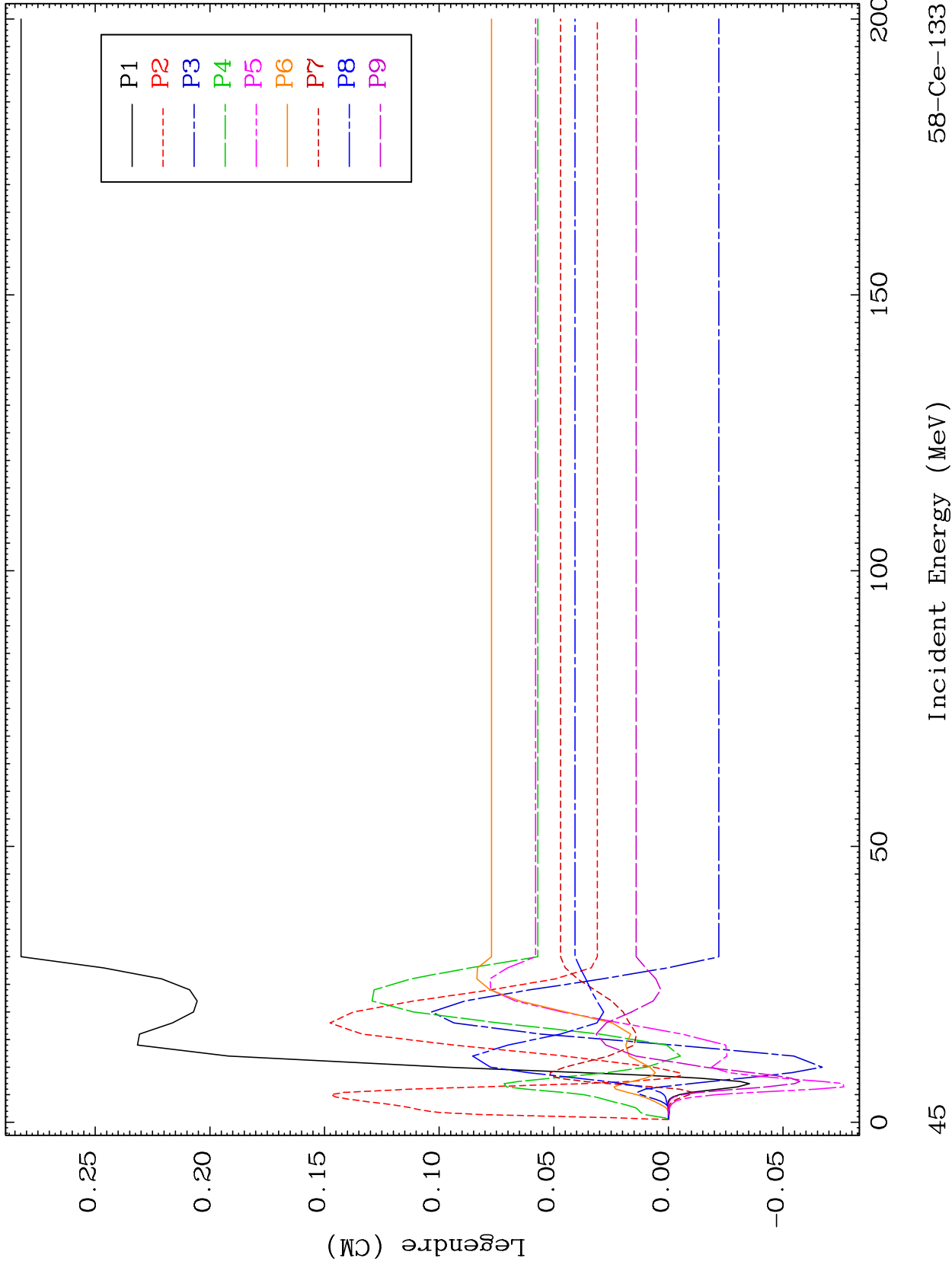
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



58-Ce-133

Incident Energy (MeV)

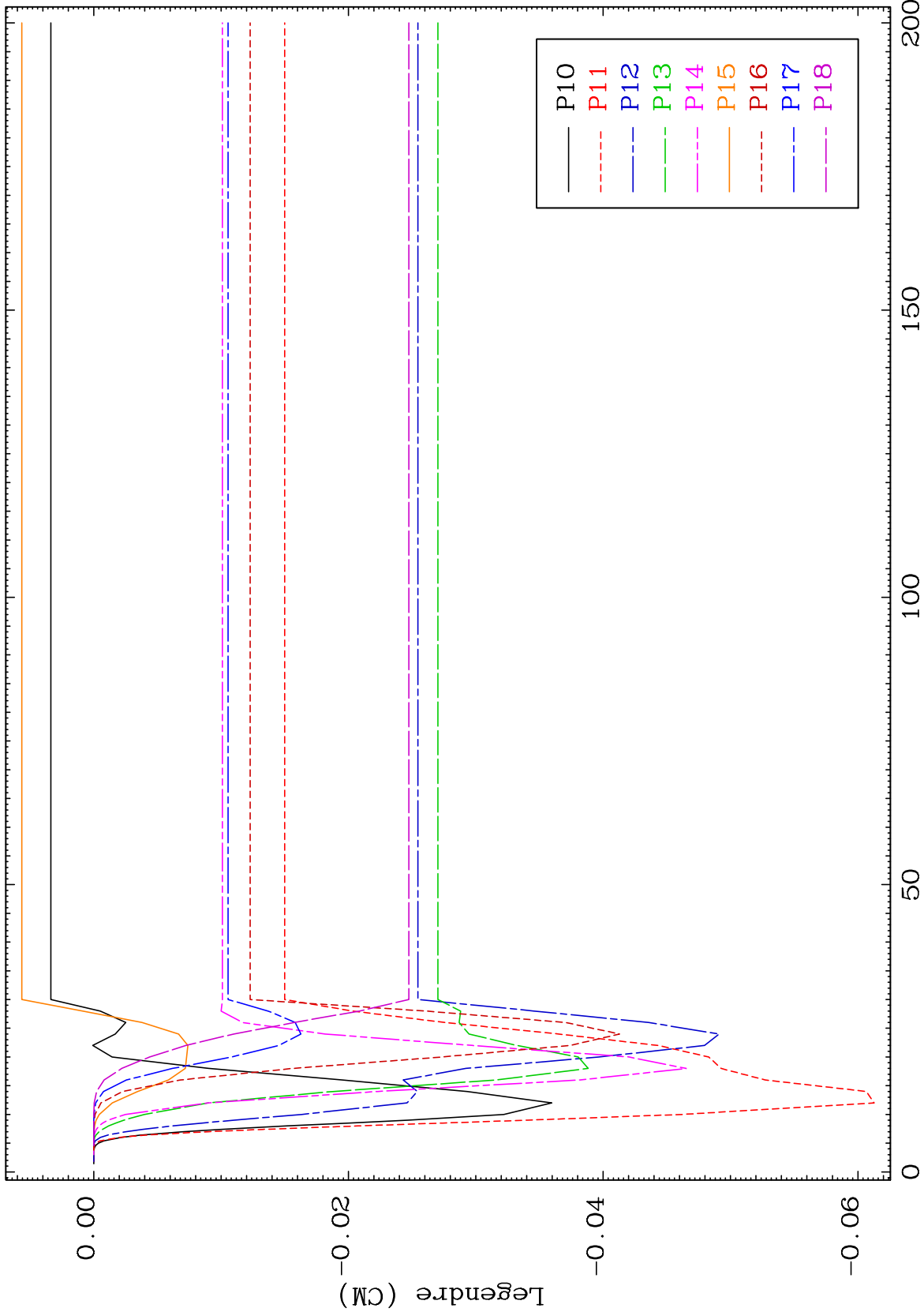
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MAT 5816

MT= 57 (n,n') Level

58-Ce-133

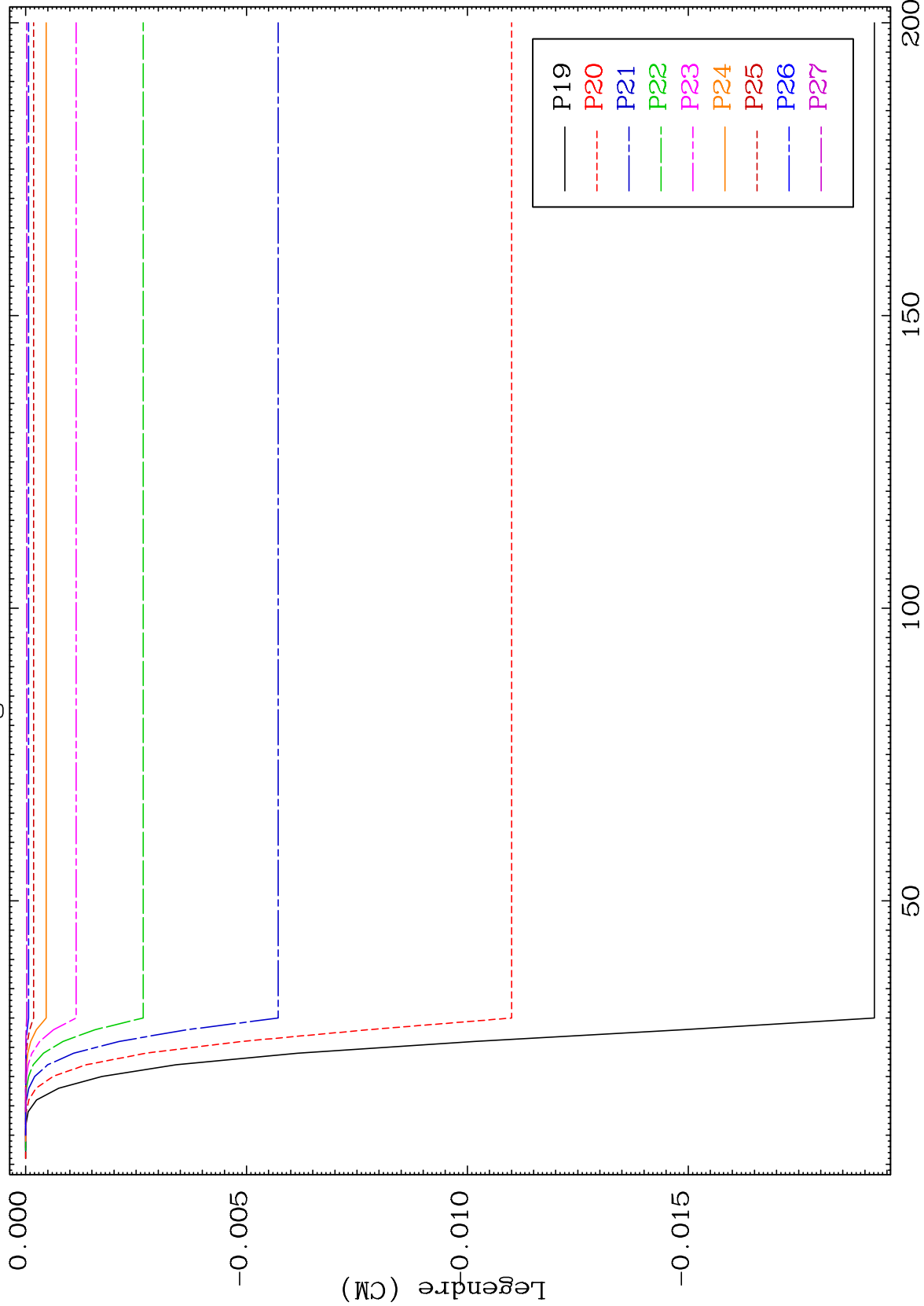
Legendre Coefficients

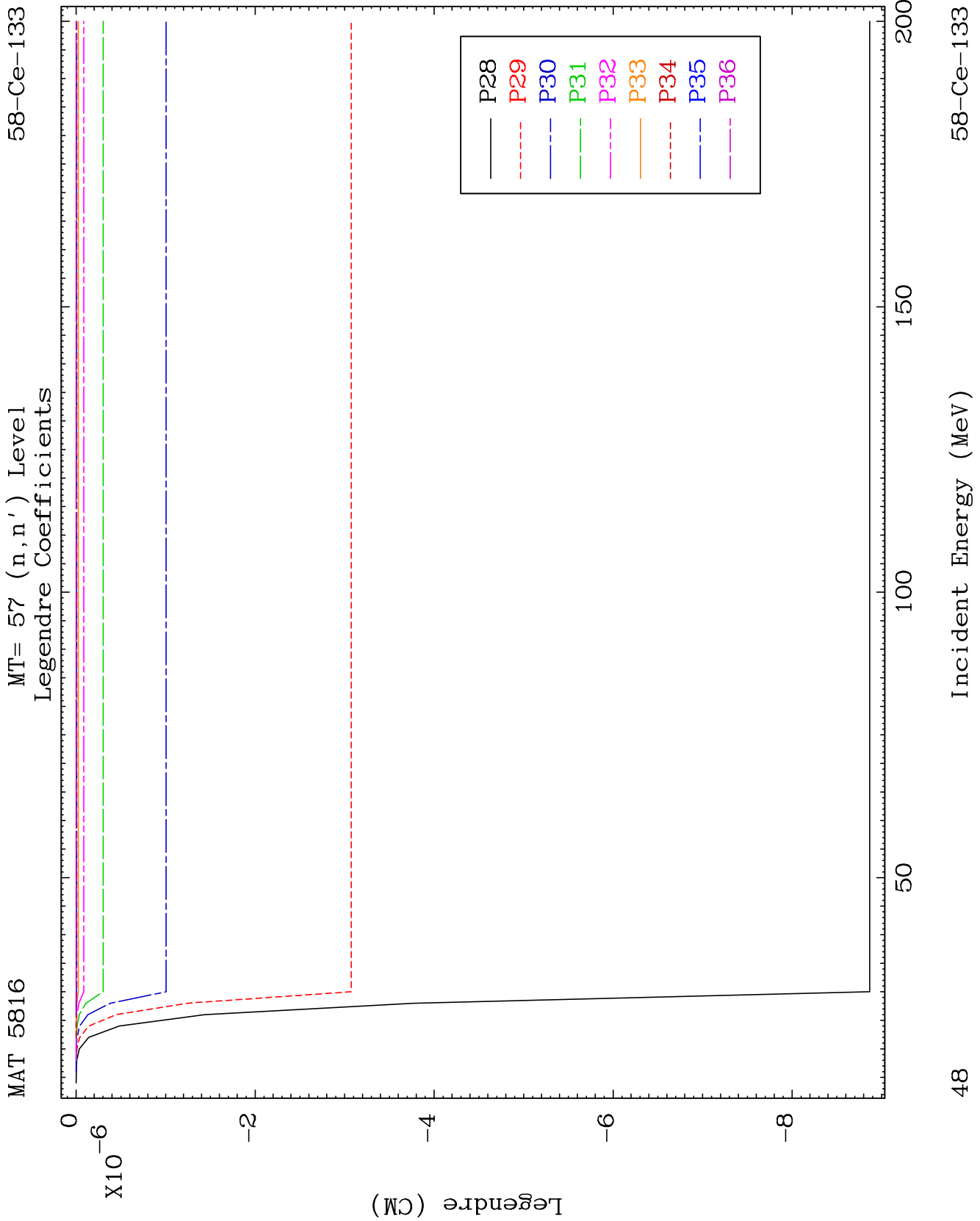


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Incident Energy (MeV)

58-Ce-133

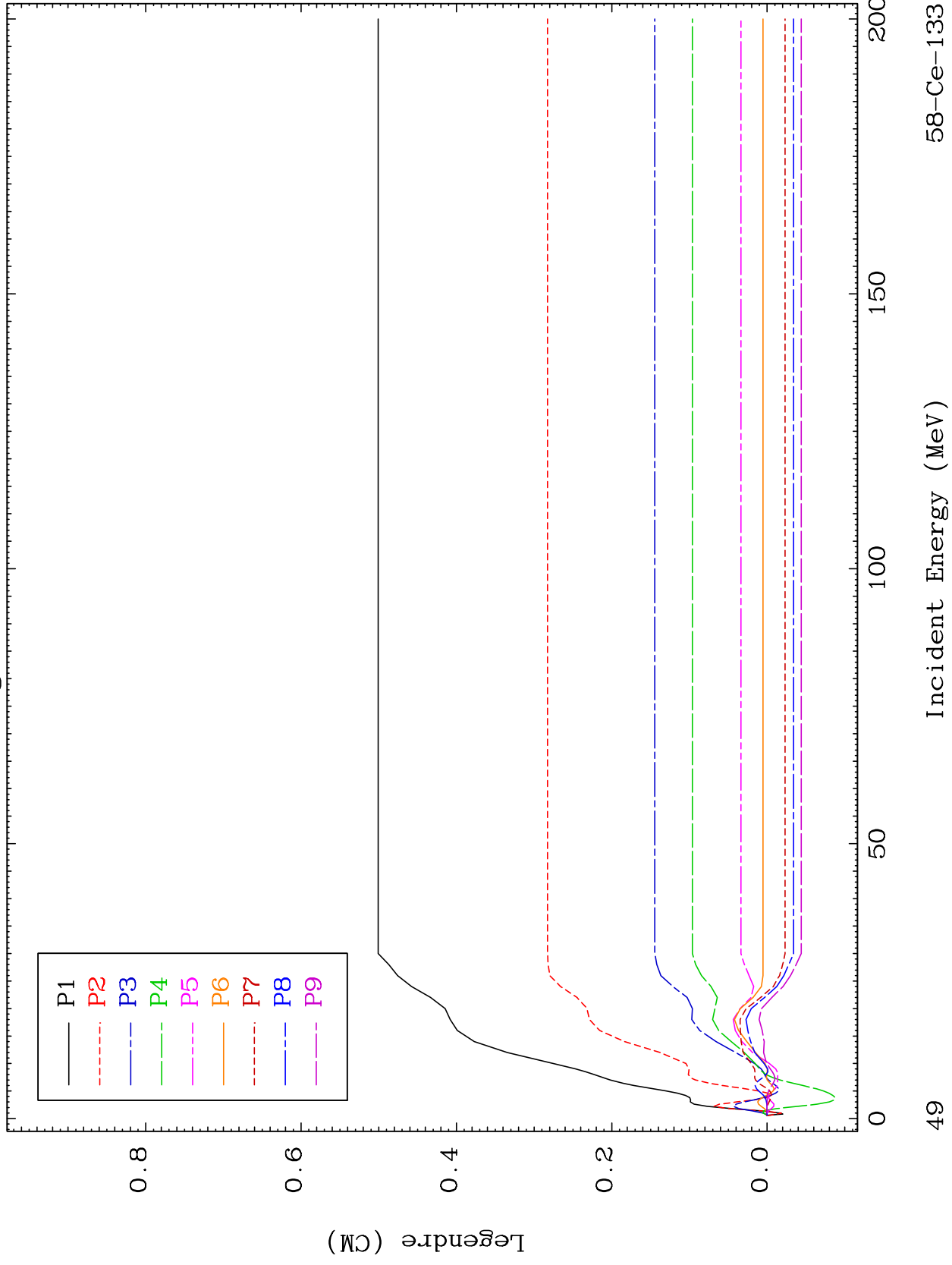




MAT 5816

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

58-Ce-133



58-Ce-133

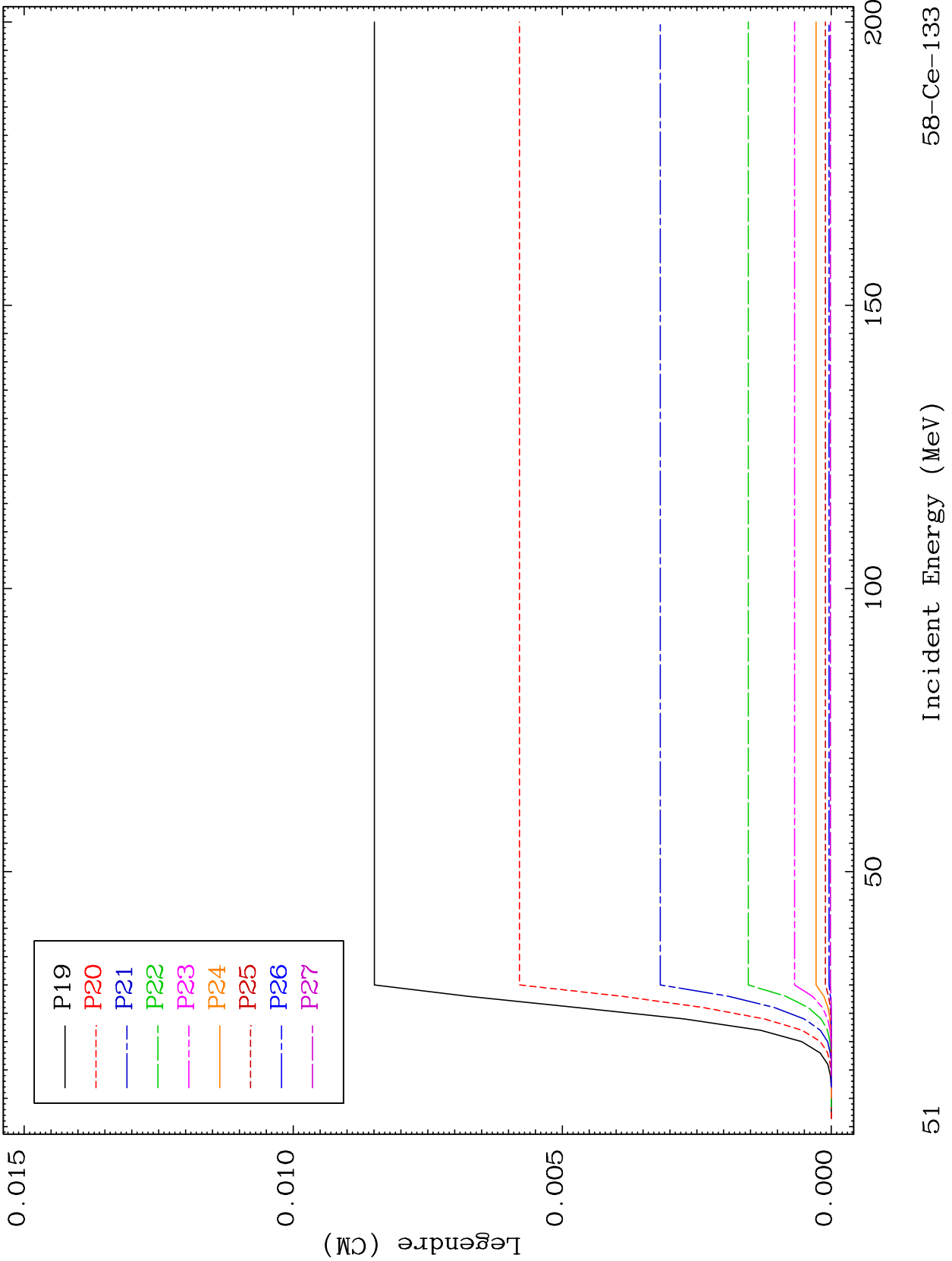
Incident Energy (MeV)

49

MAT 5816

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

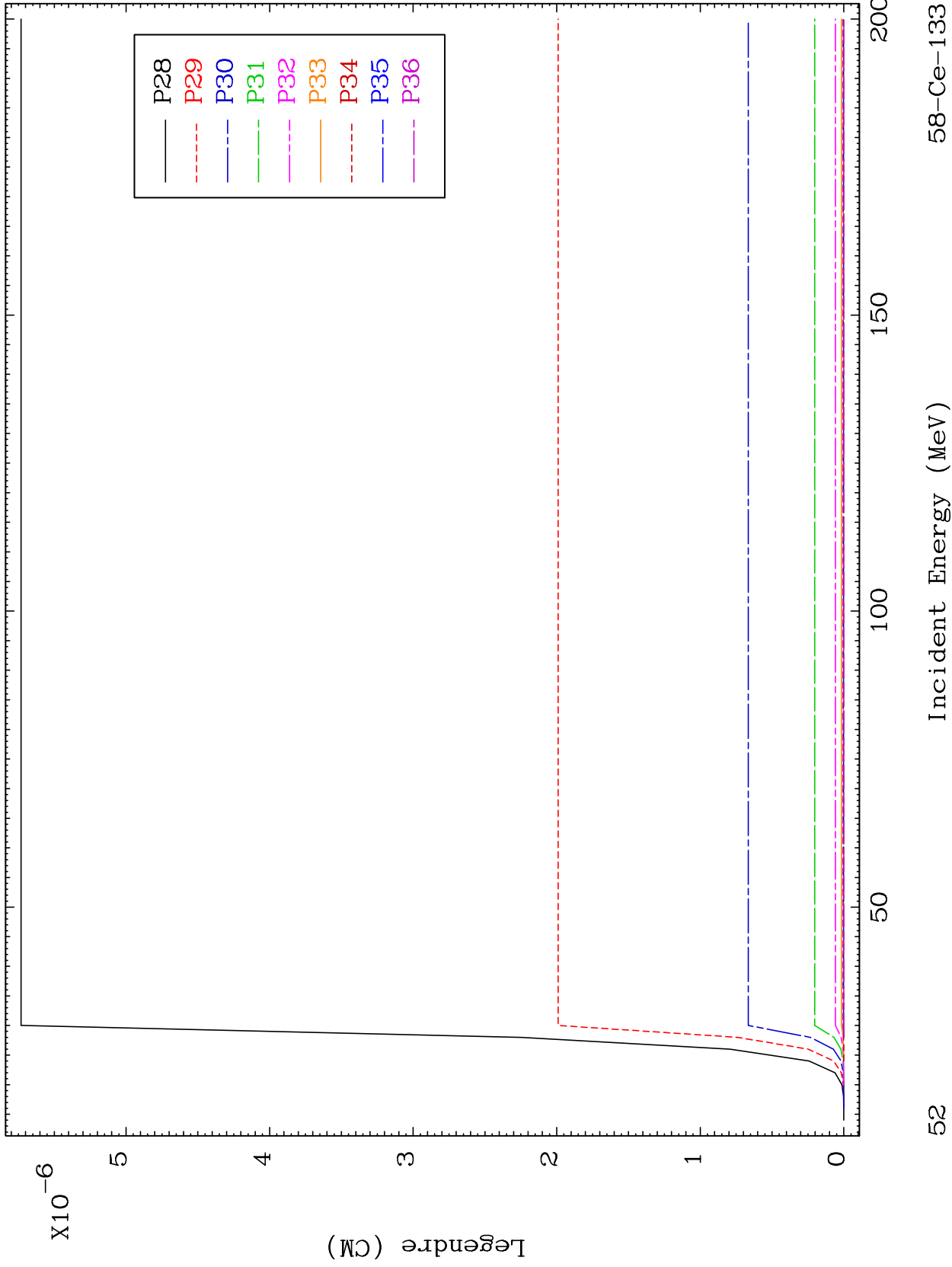
58-Ce-133



MAT 5816

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

58-Ce-133



52

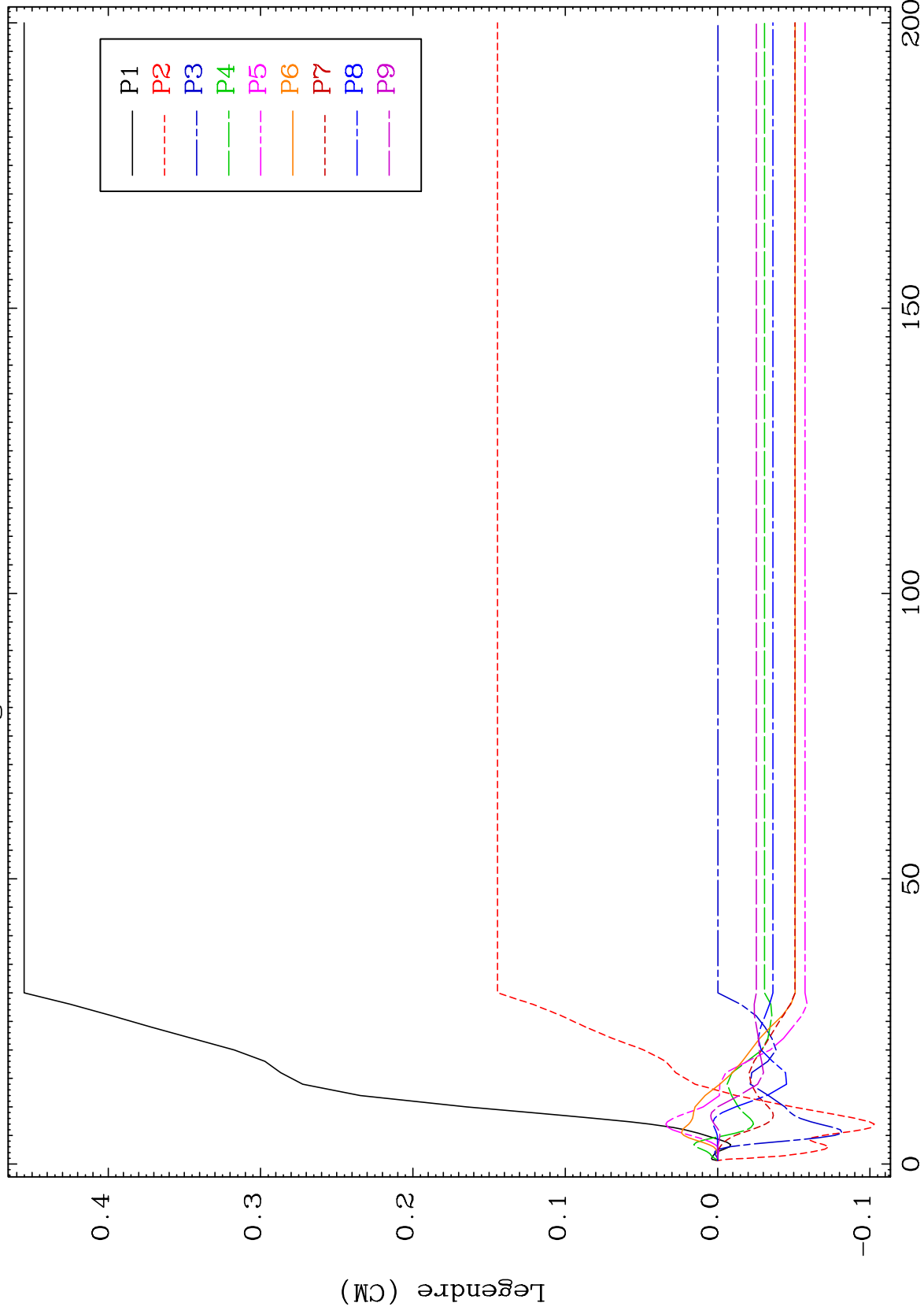
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



53

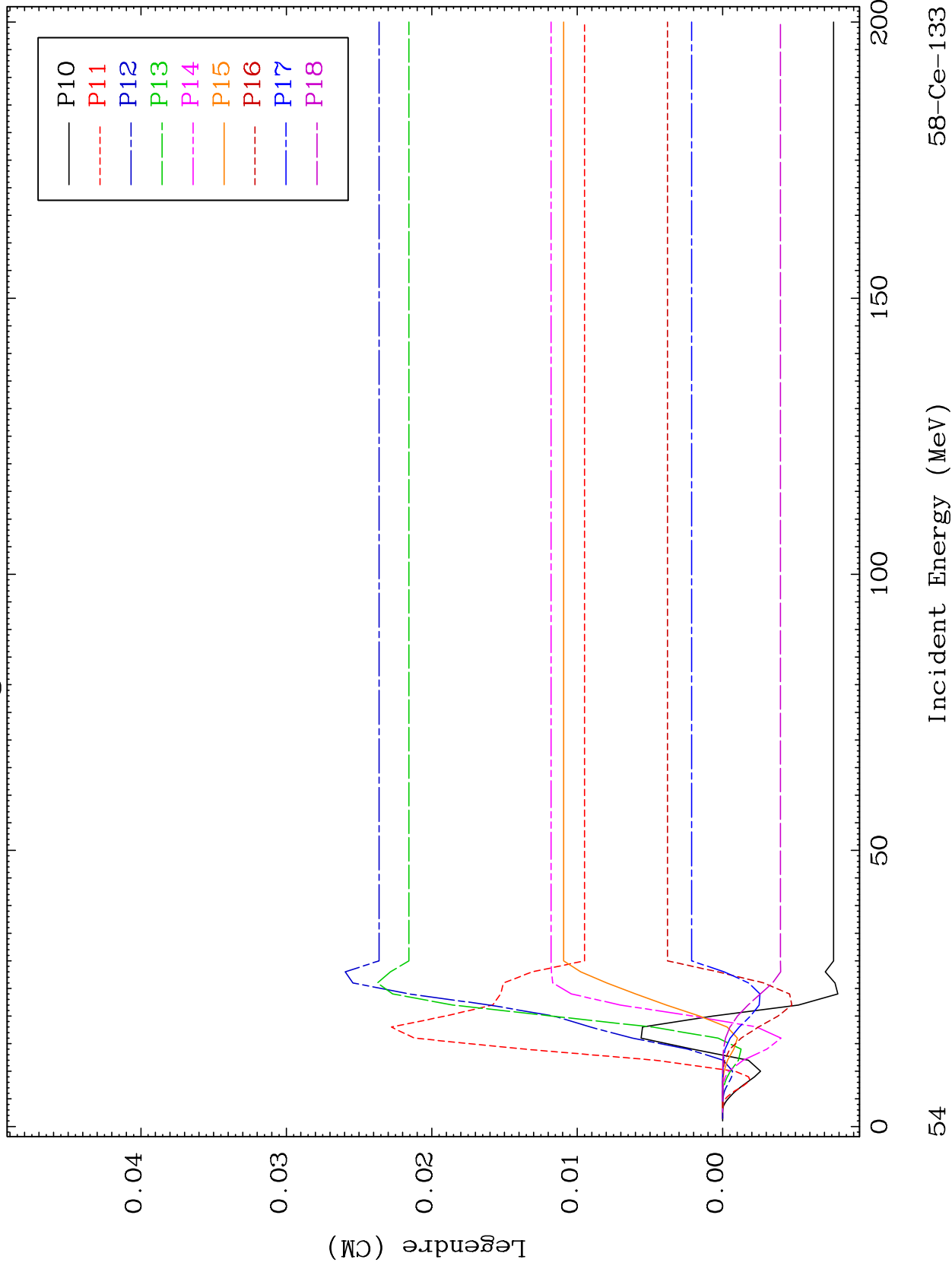
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



54

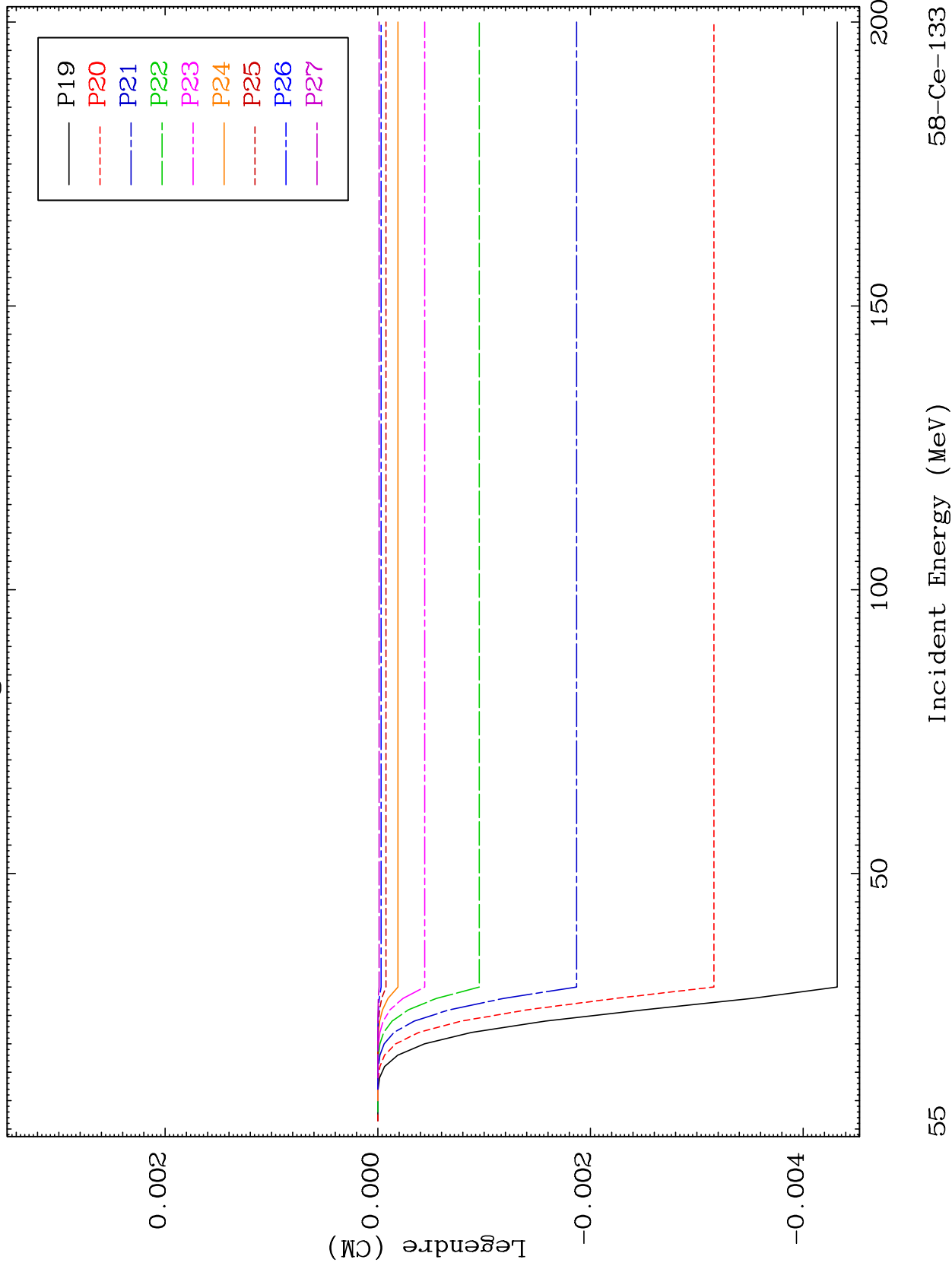
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

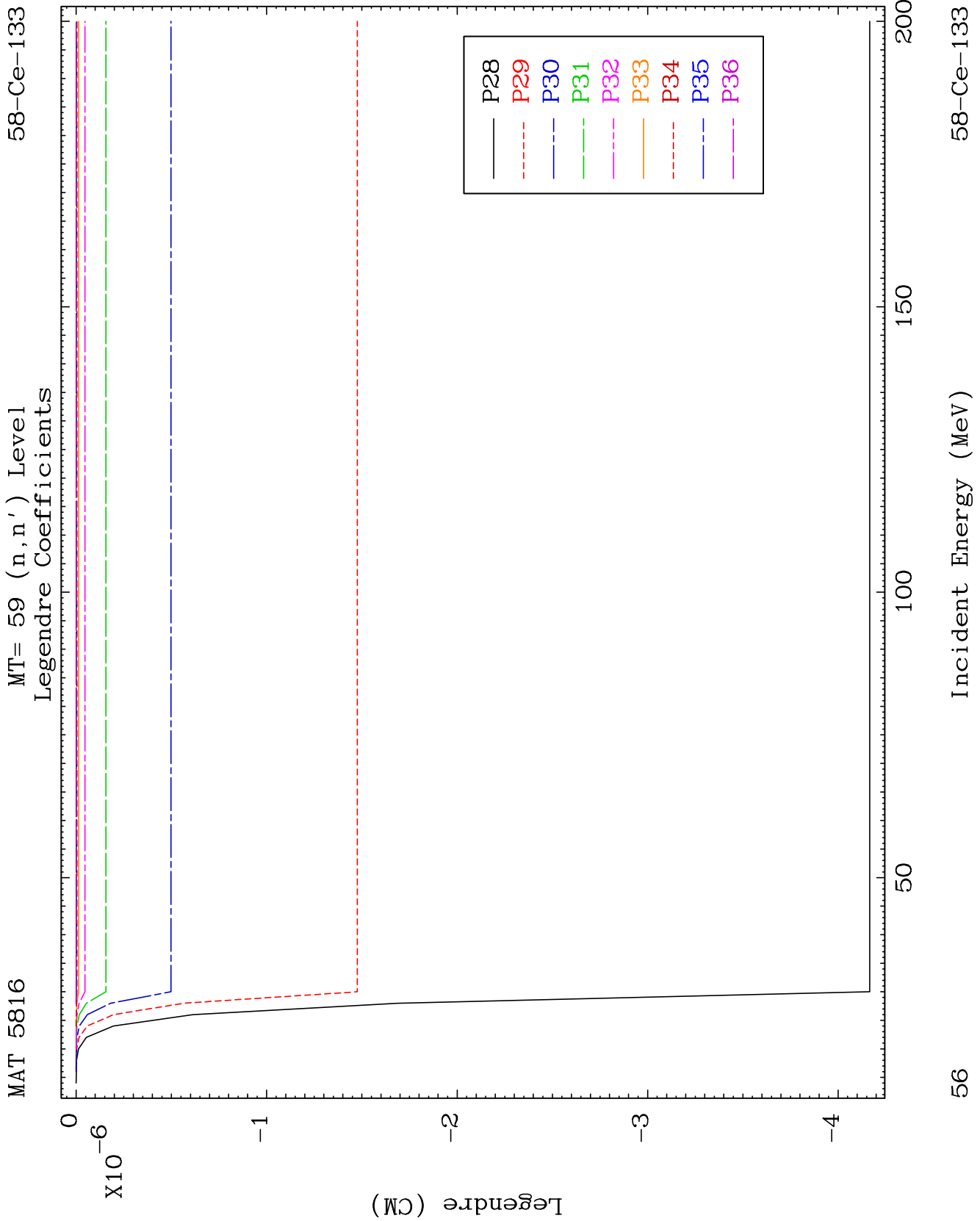
58-Ce-133



58-Ce-133

Incident Energy (MeV)

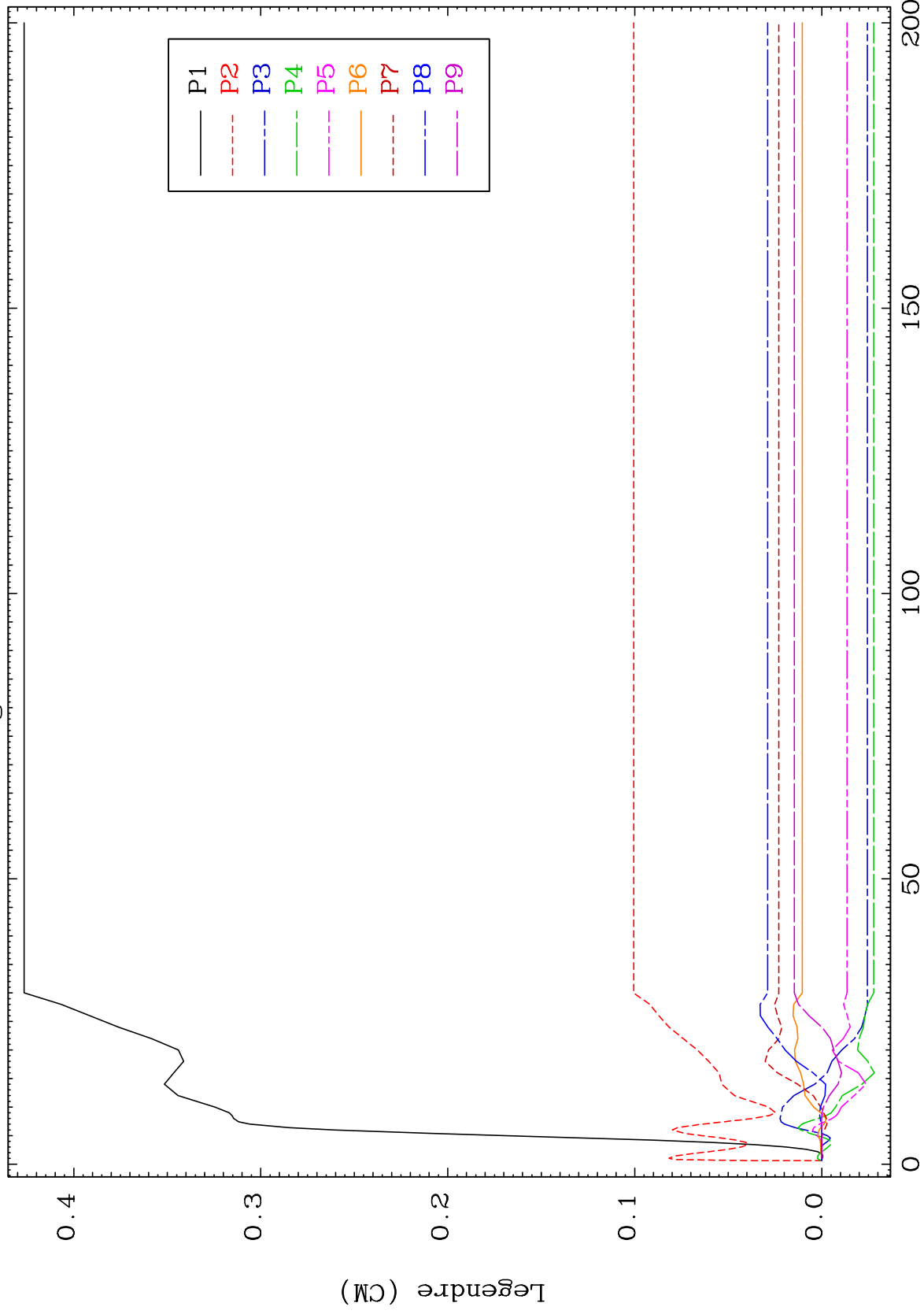
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MAT 5816

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

58-Ce-133



57

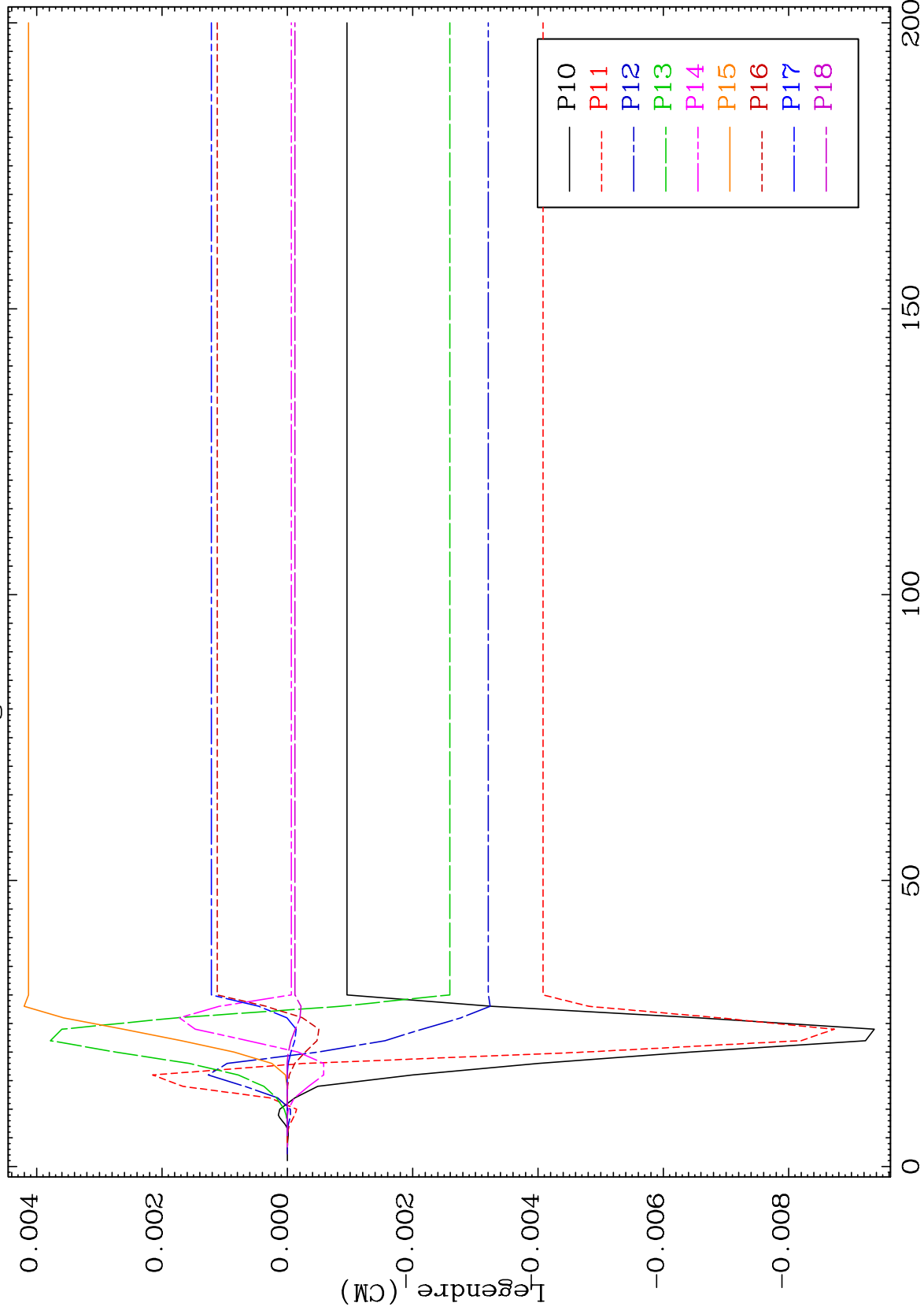
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



58

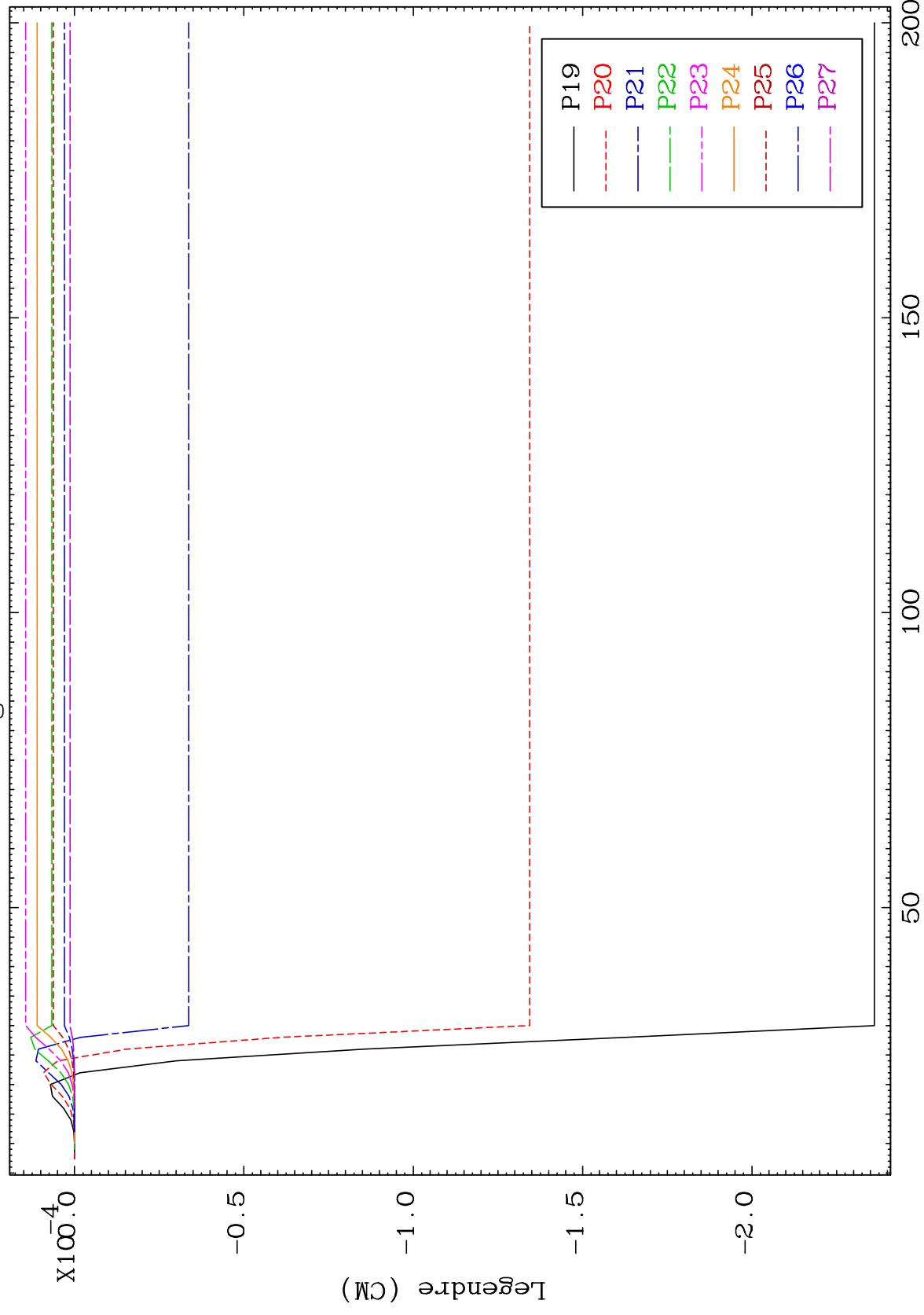
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



59

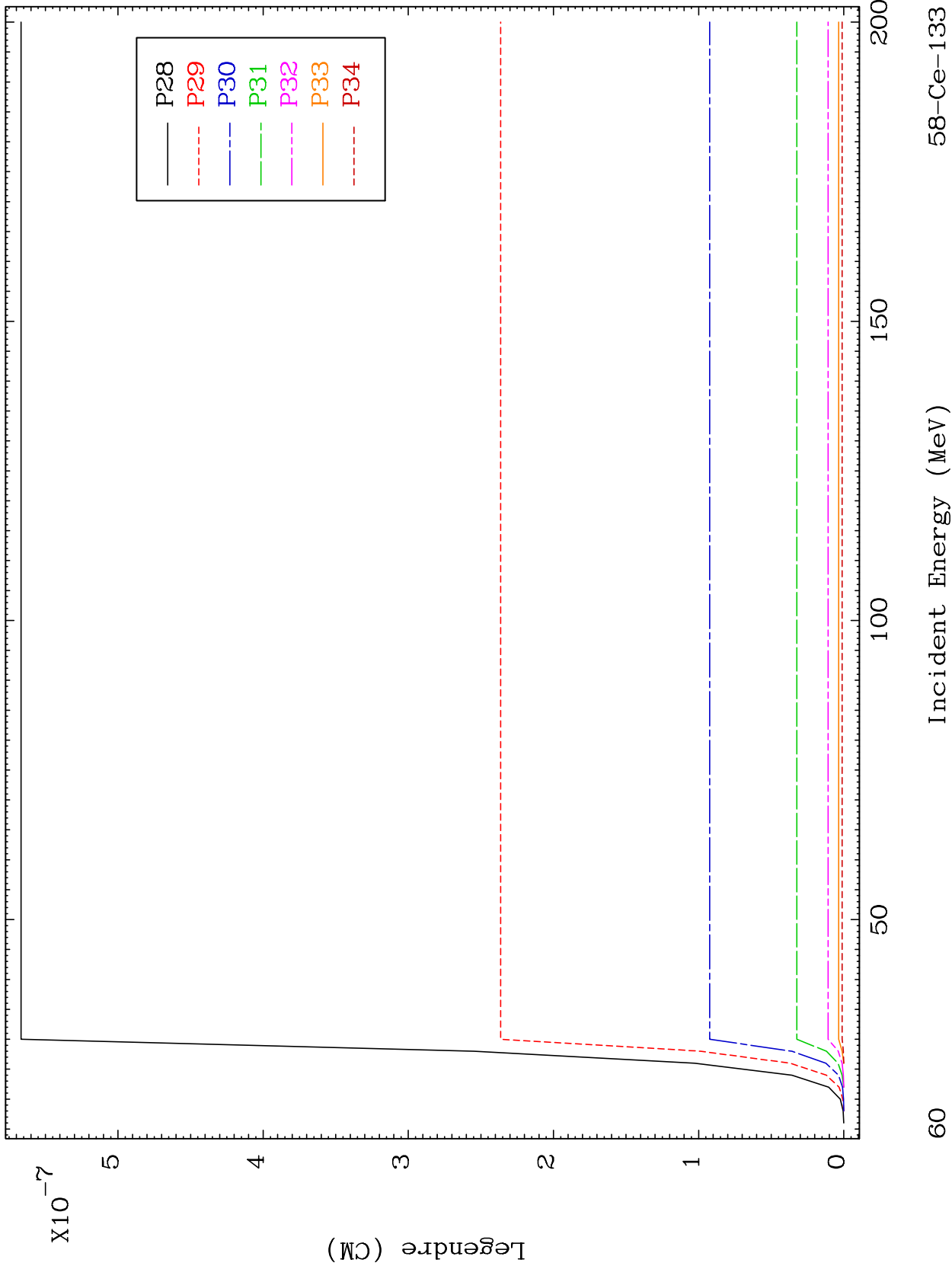
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



60

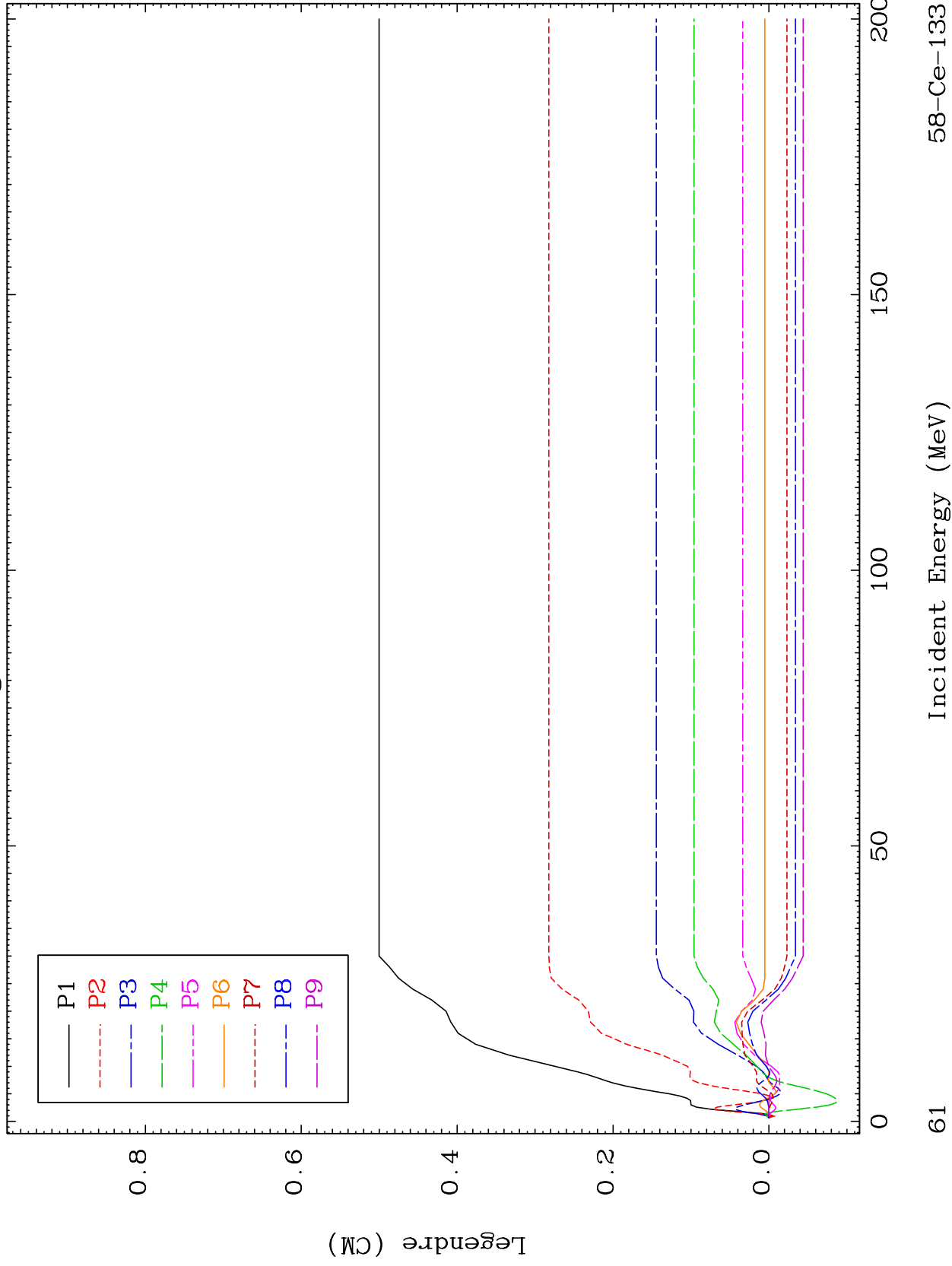
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



58-Ce-133

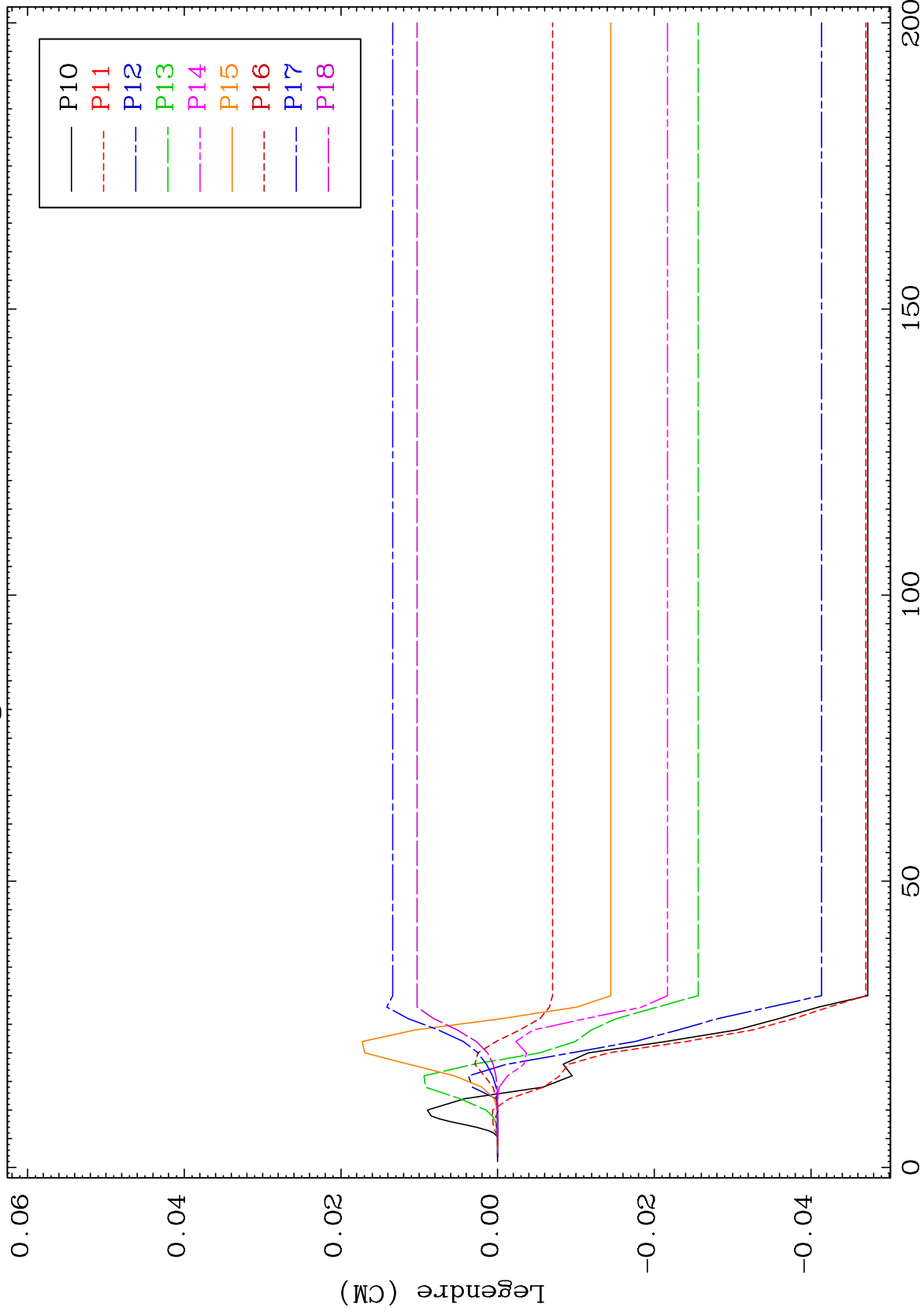
Incident Energy (MeV)

61

MAT 5816

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

58-Ce-133



62

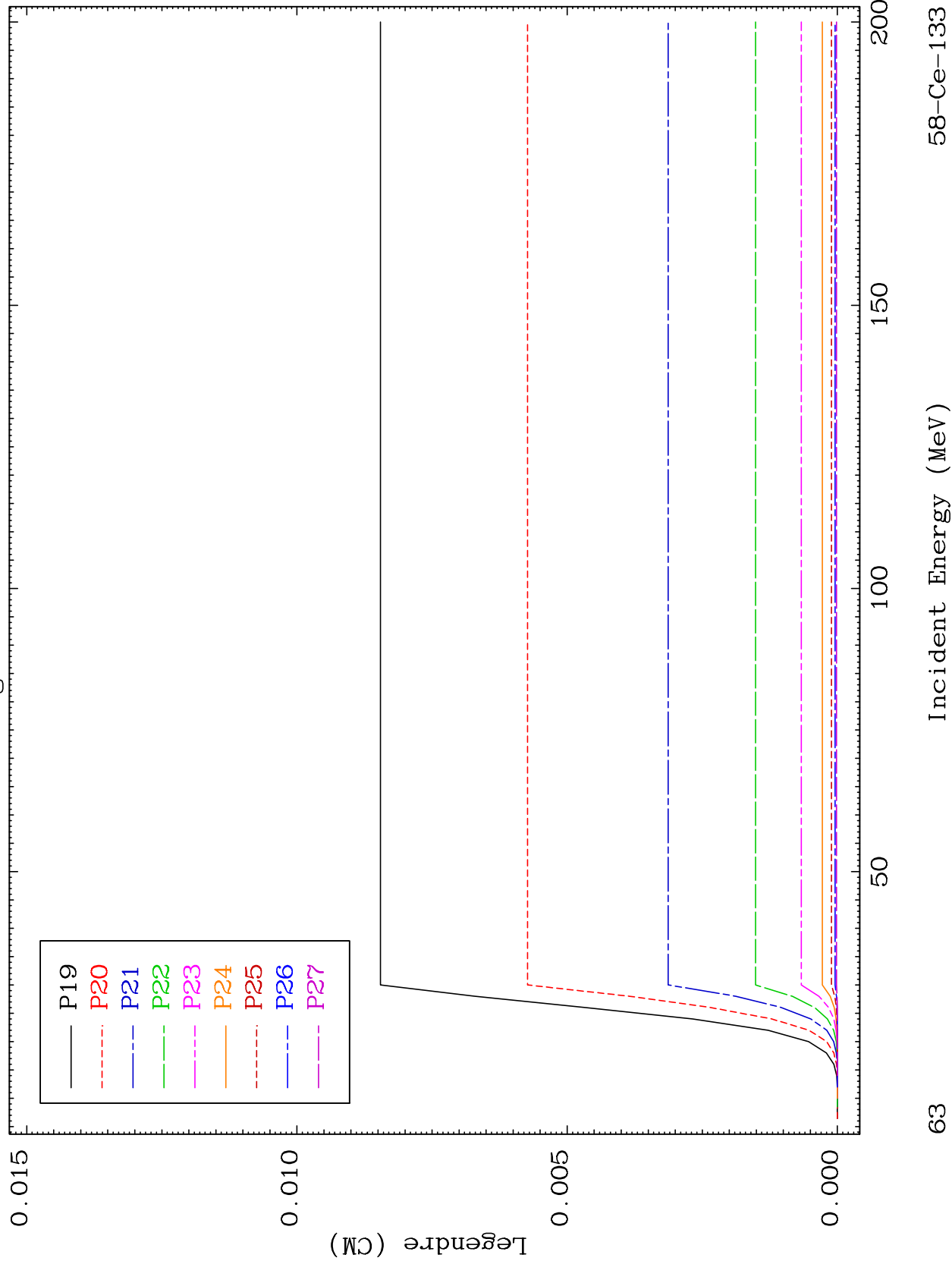
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



63

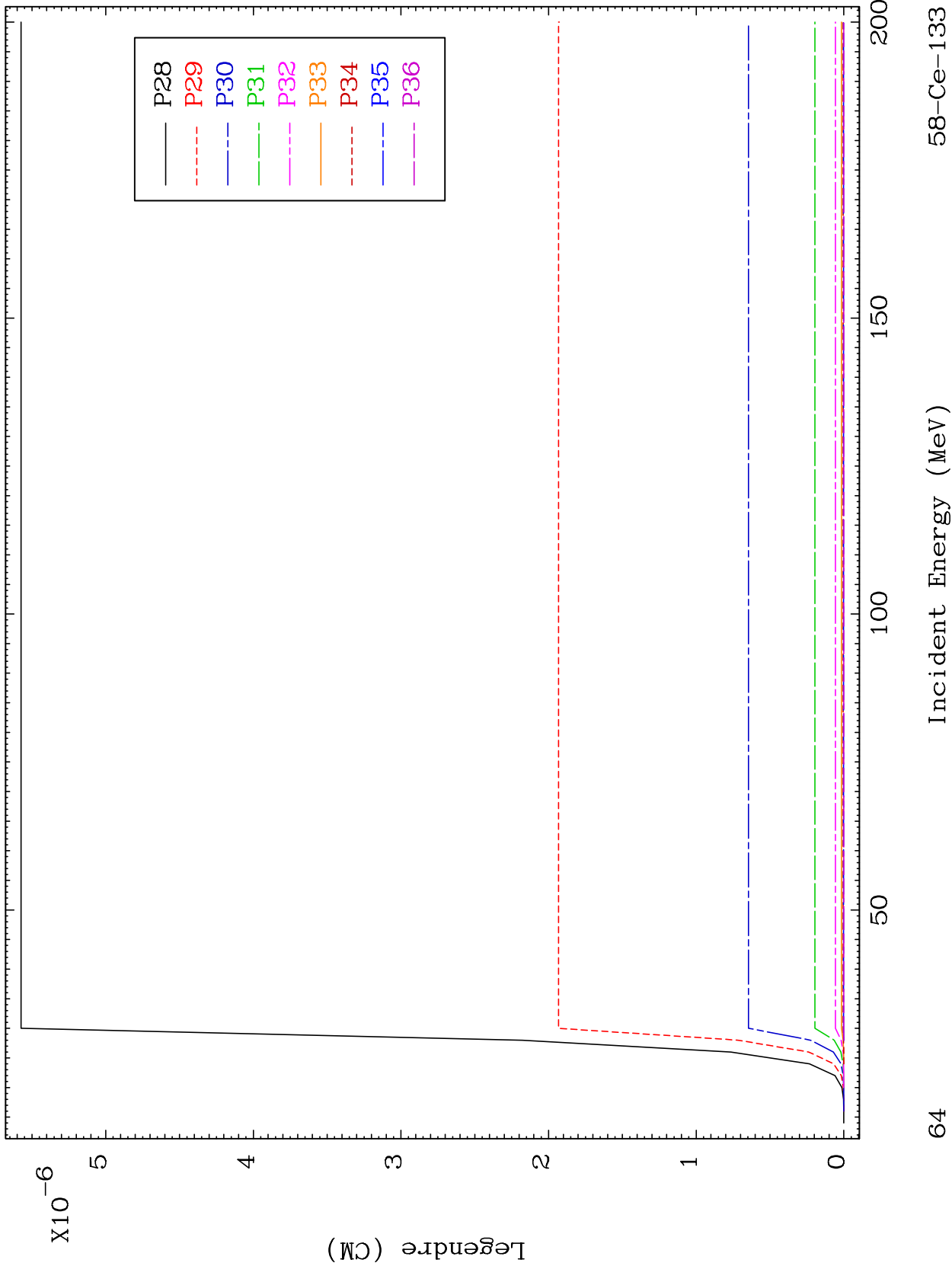
Incident Energy (MeV)

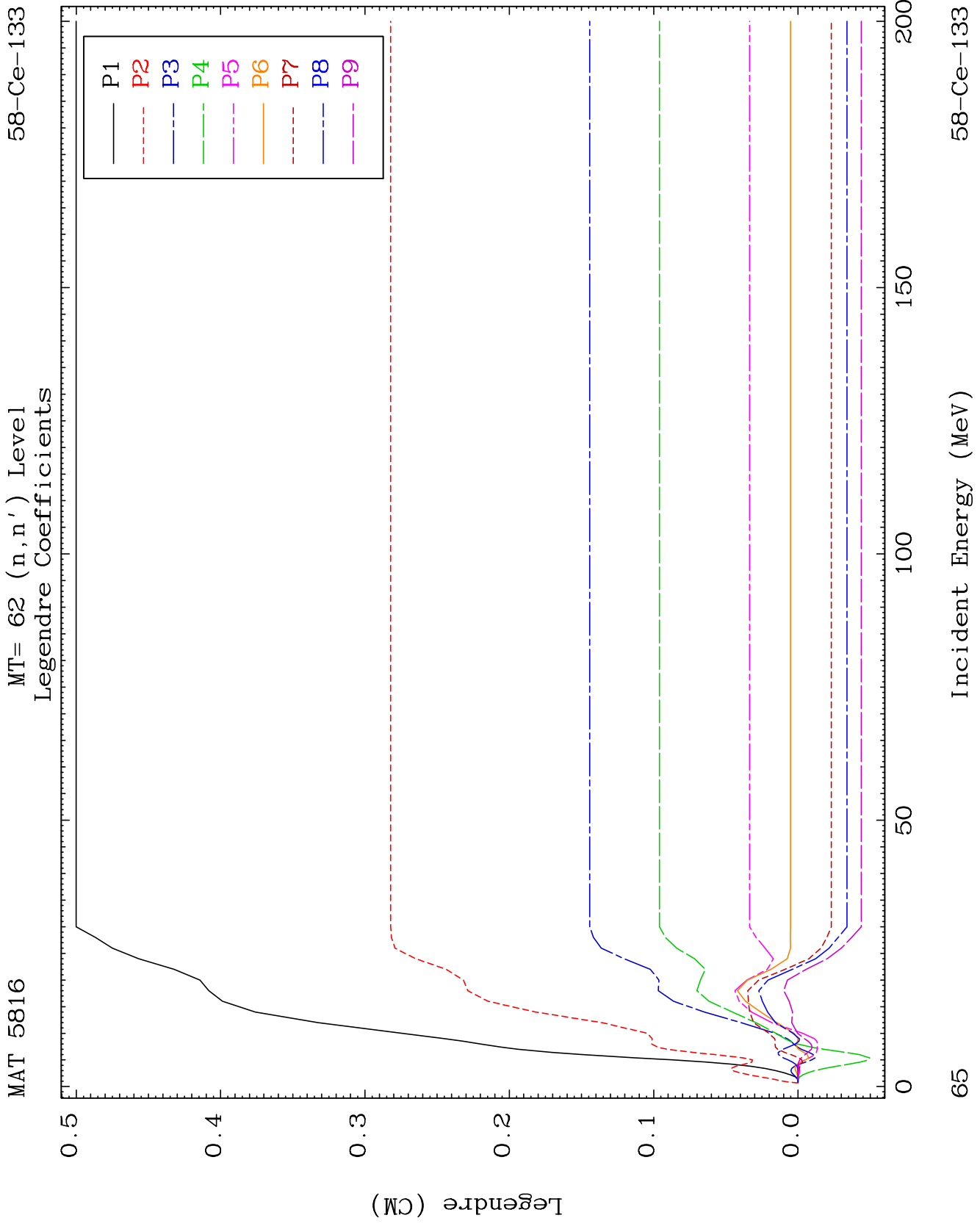
58-Ce-133

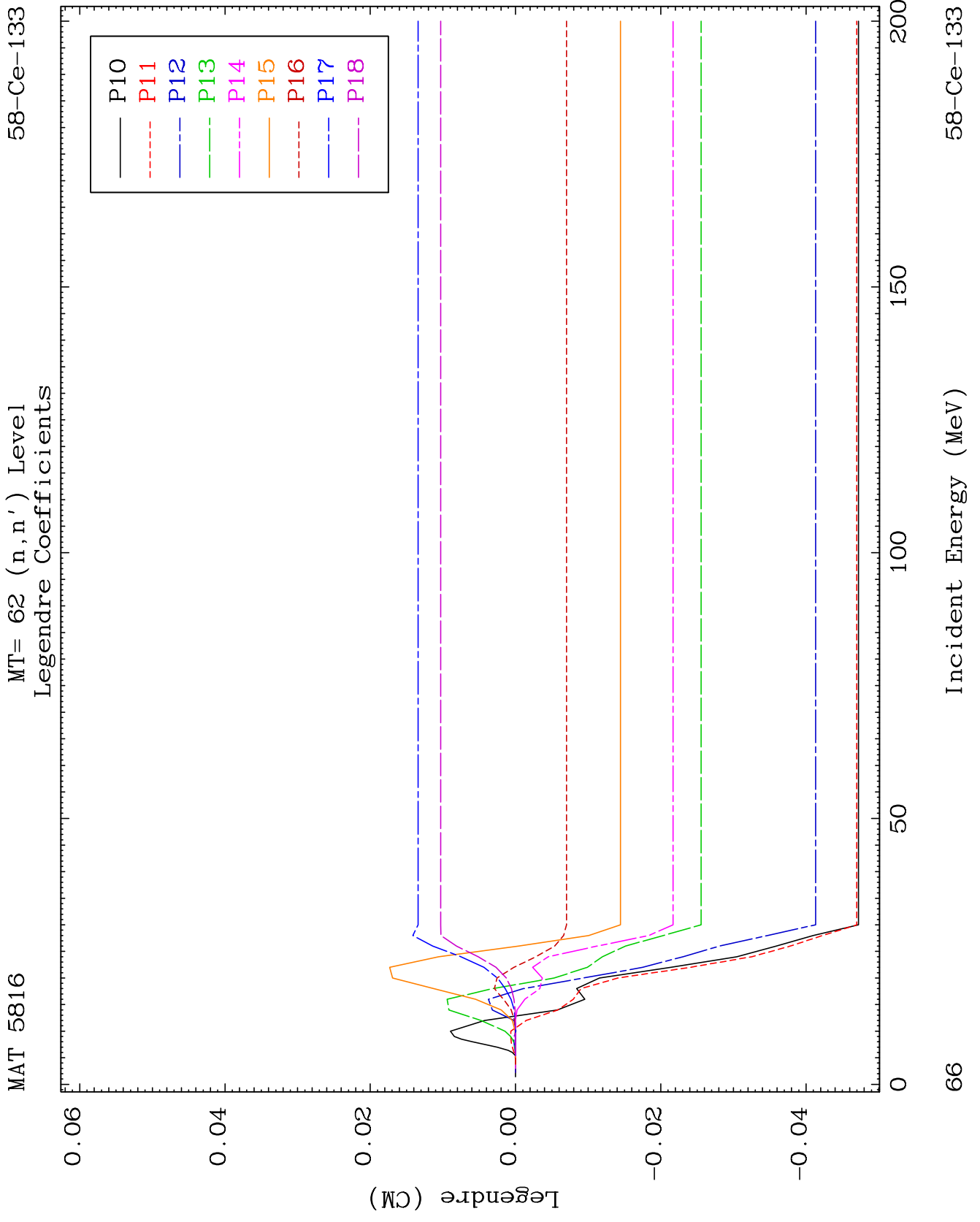
MAT 5816

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

58-Ce-133



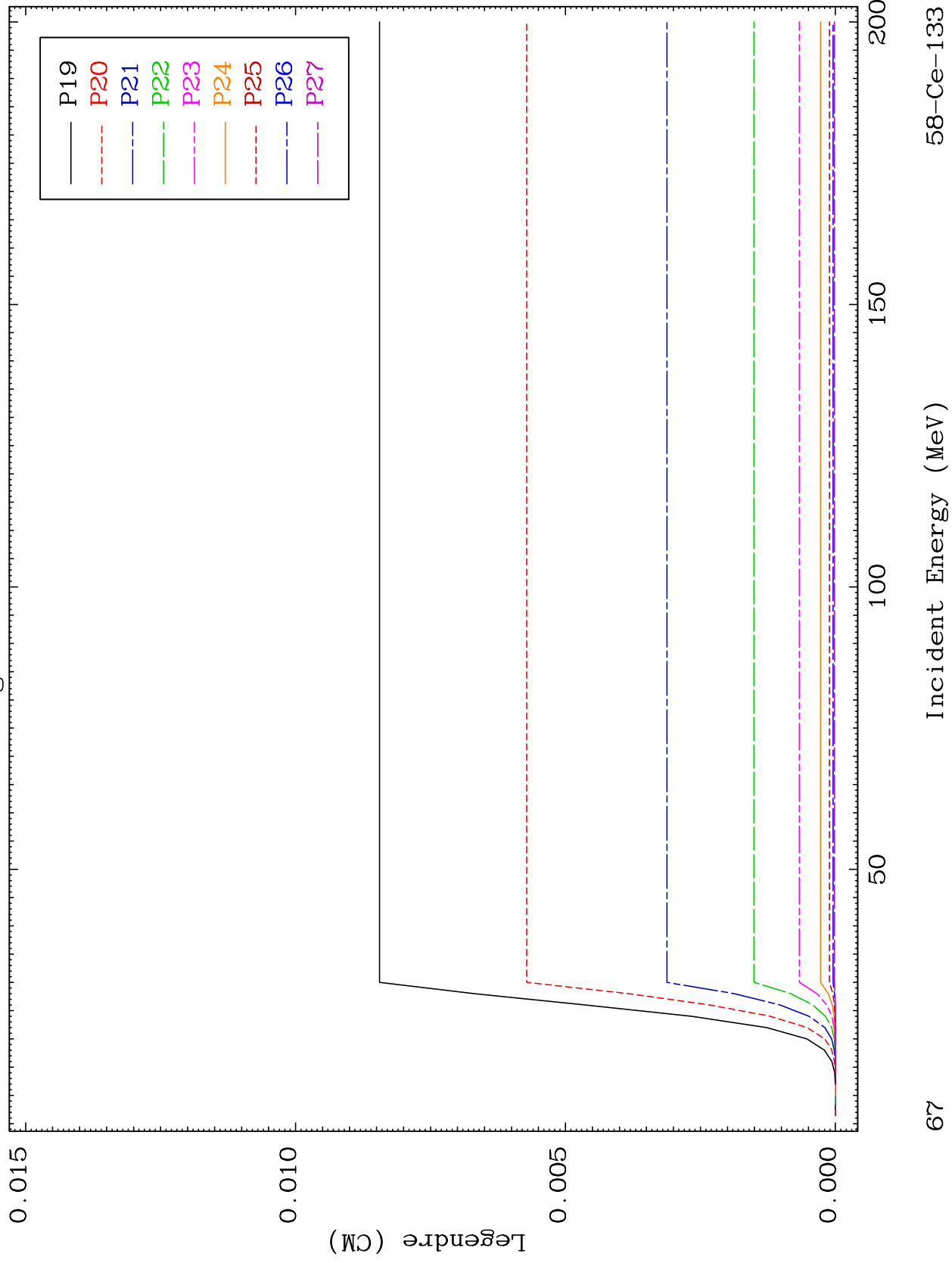




MAT 5816

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

58-Ce-133



67

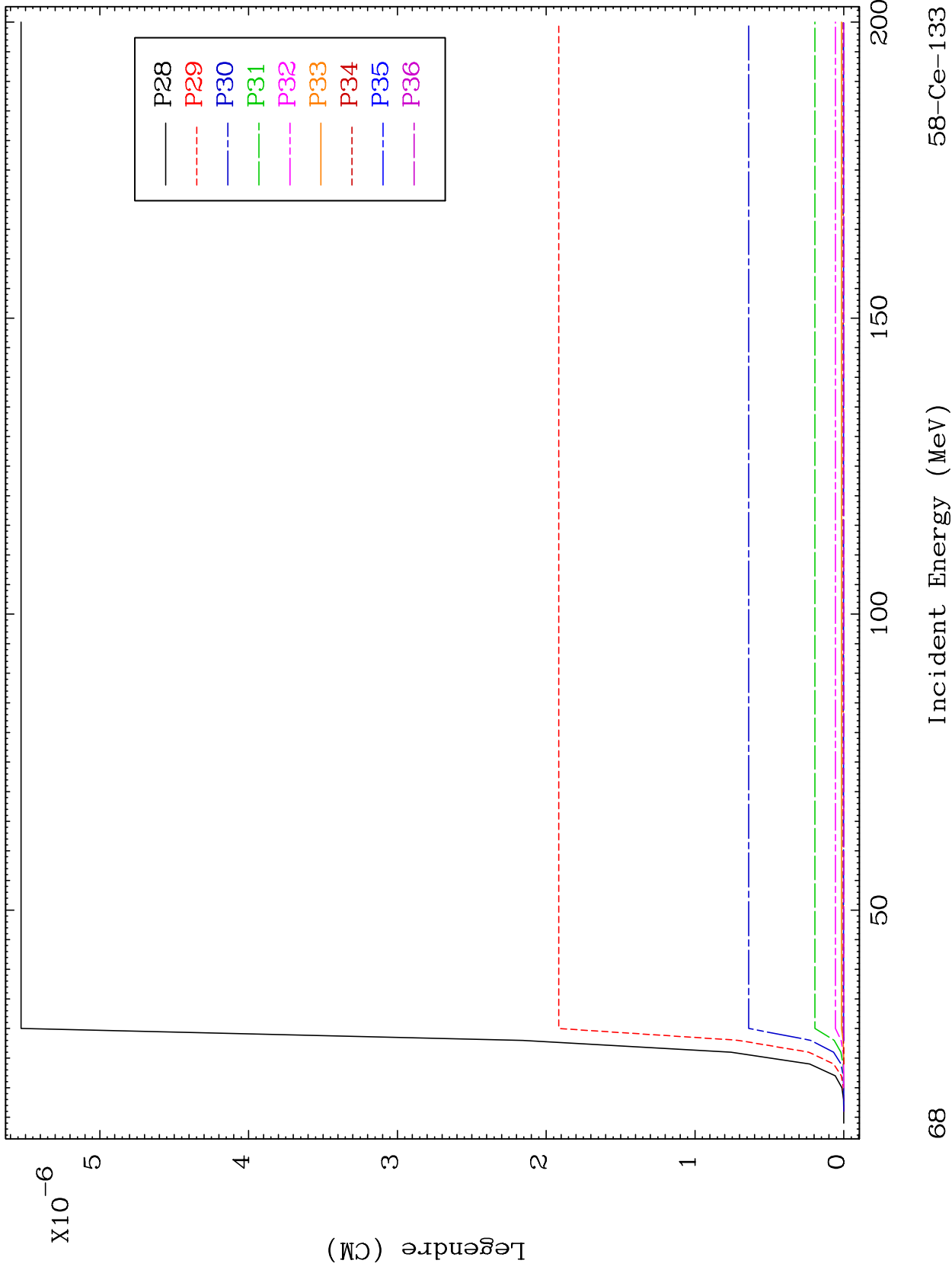
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

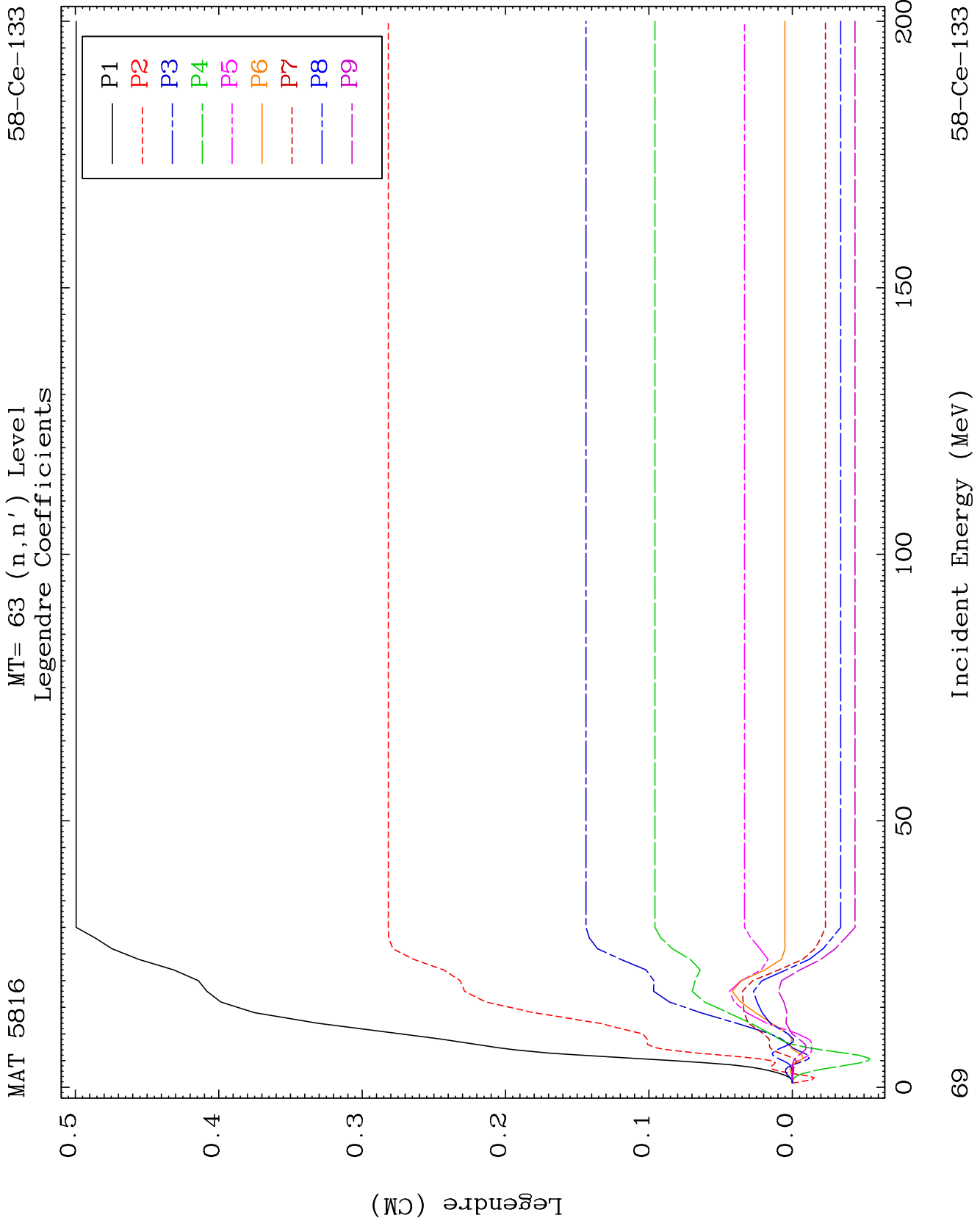
58-Ce-133



68

Incident Energy (MeV)

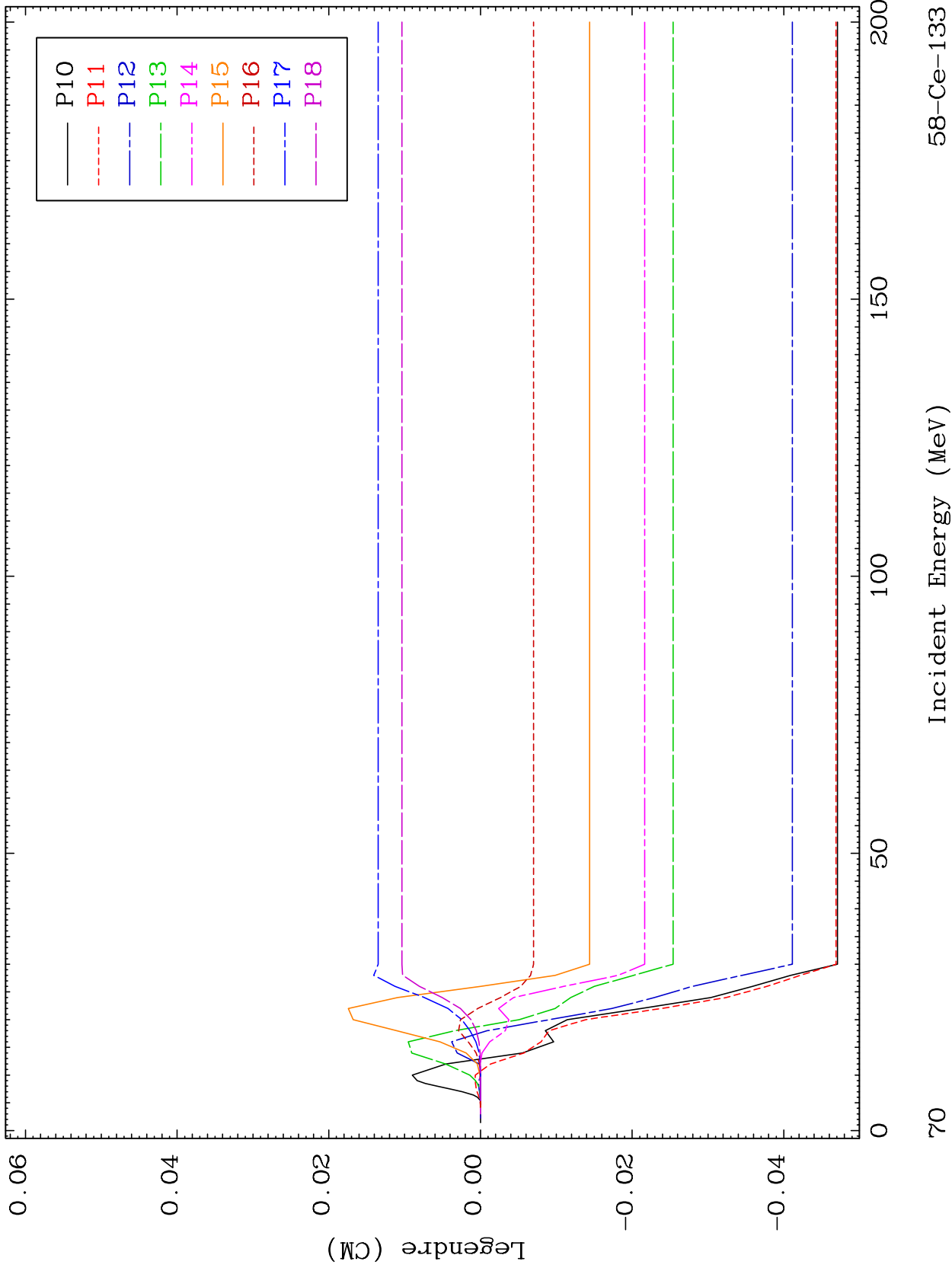
58-Ce-133



MAT 5816

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

58-Ce-133



58-Ce-133

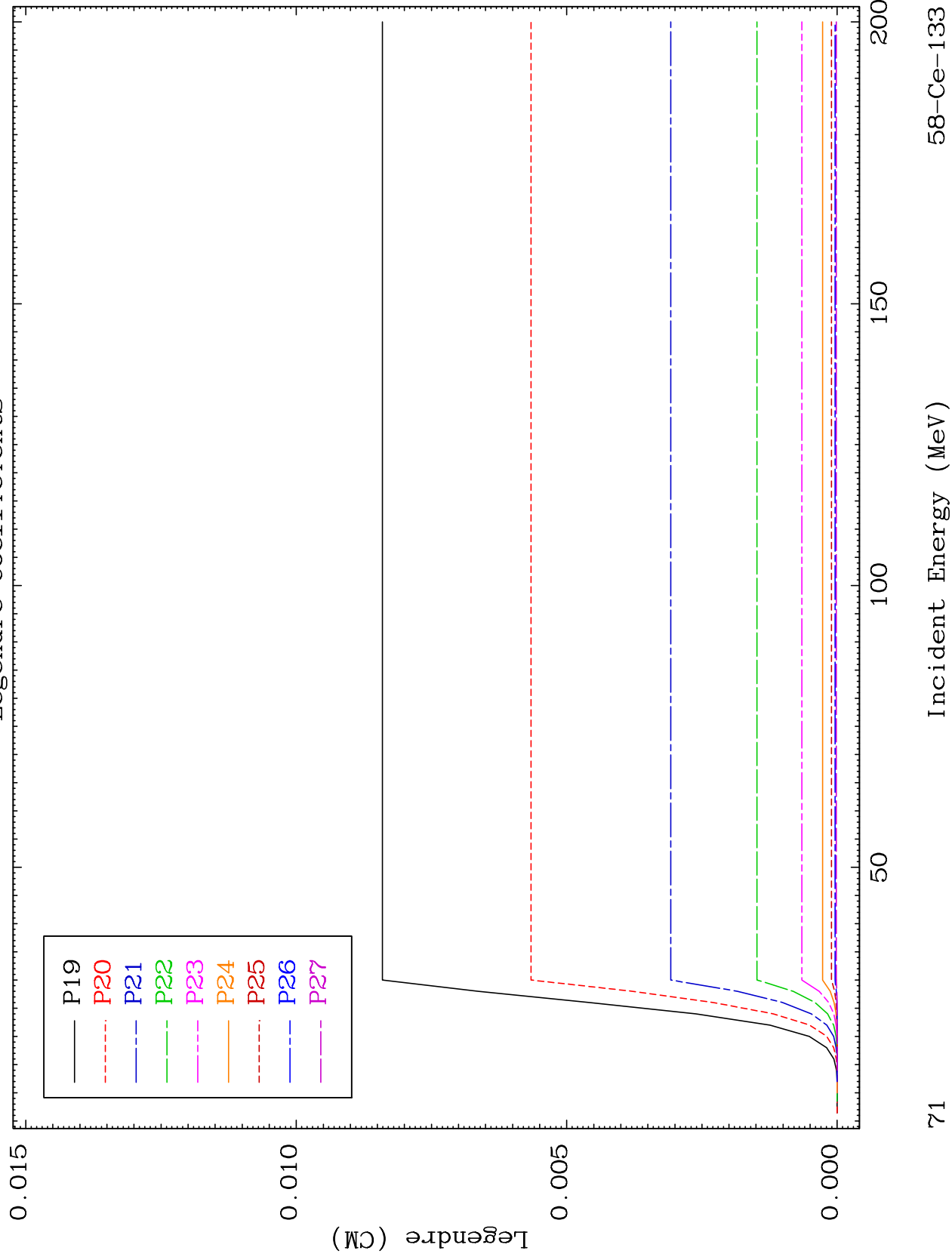
Incident Energy (MeV)

70

MAT 5816

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

58-Ce-133



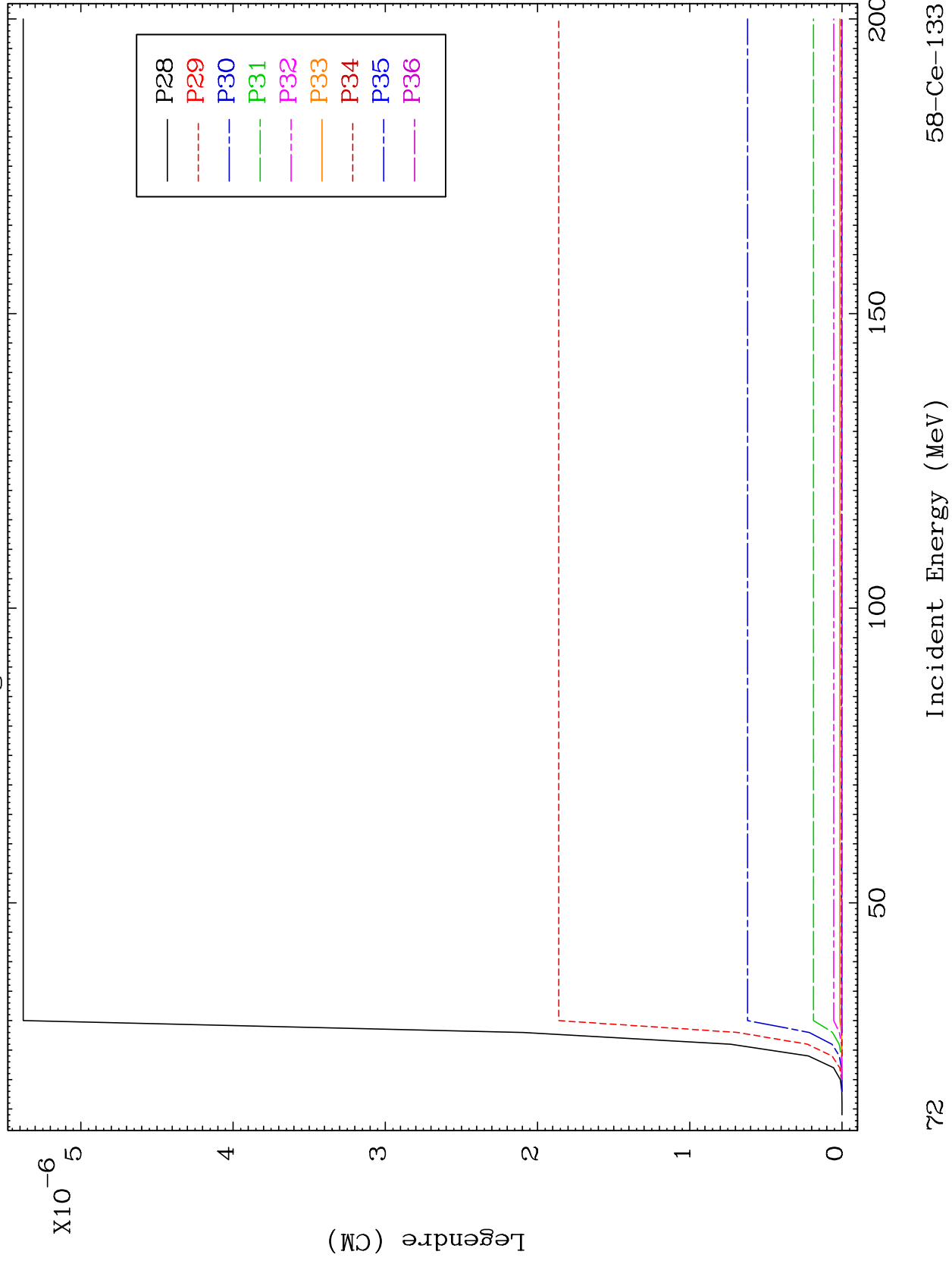
71

58-Ce-133

MAT 5816

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

58-Ce-133



72

Incident Energy (MeV)

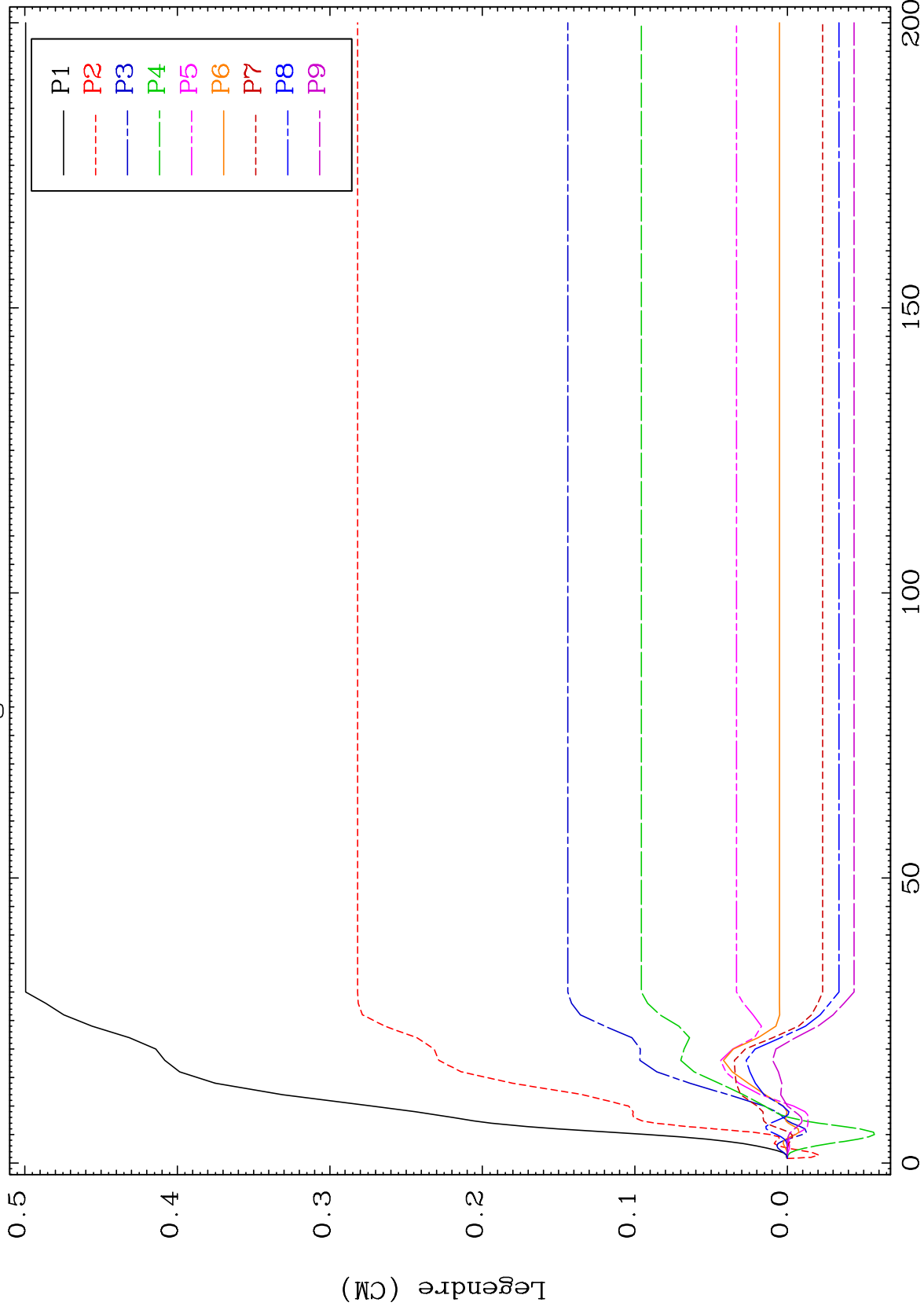
58-Ce-133

MAT 5816

MT= 64 (n,n') Level

58-Ce-133

Legendre Coefficients



73

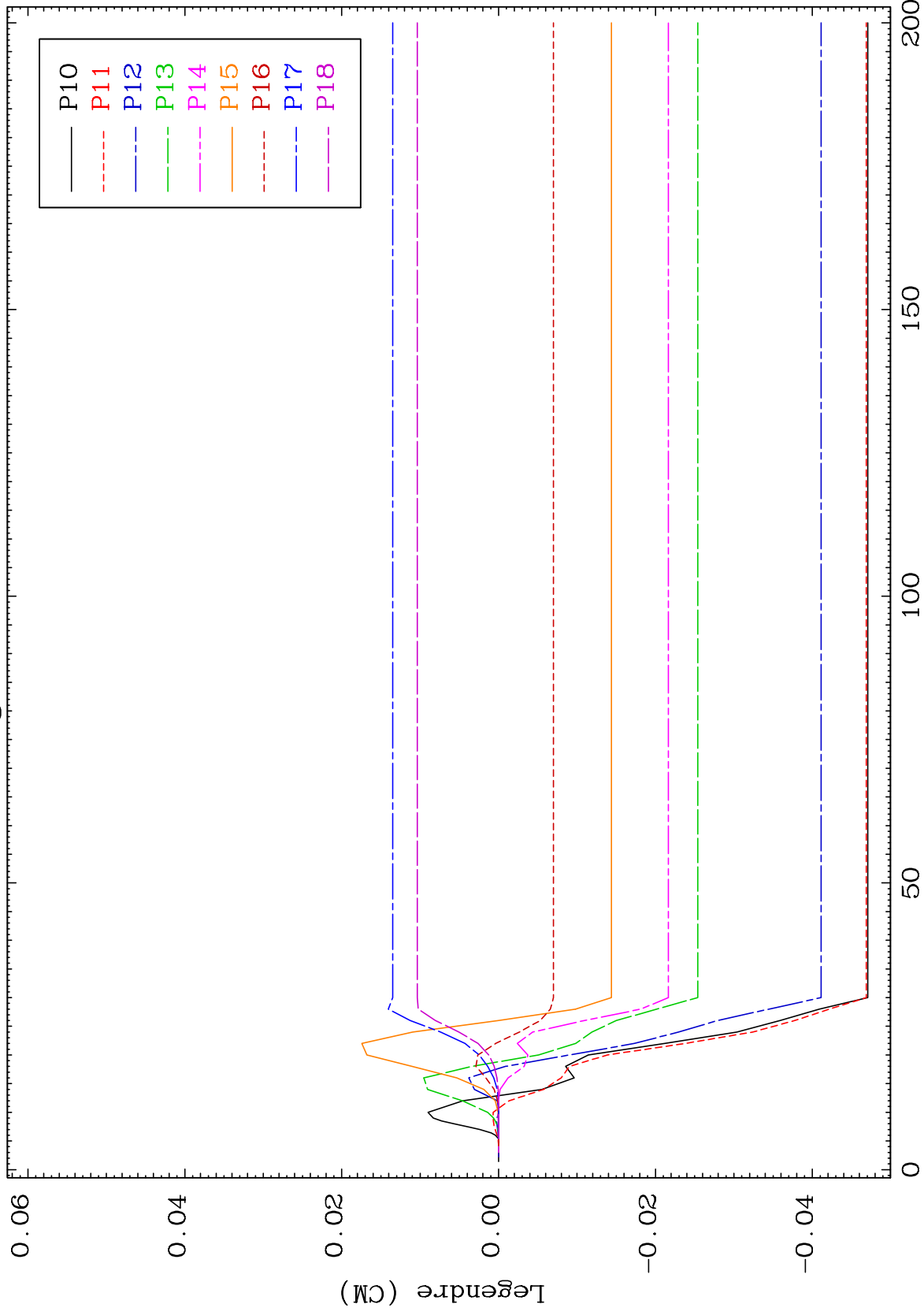
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



74

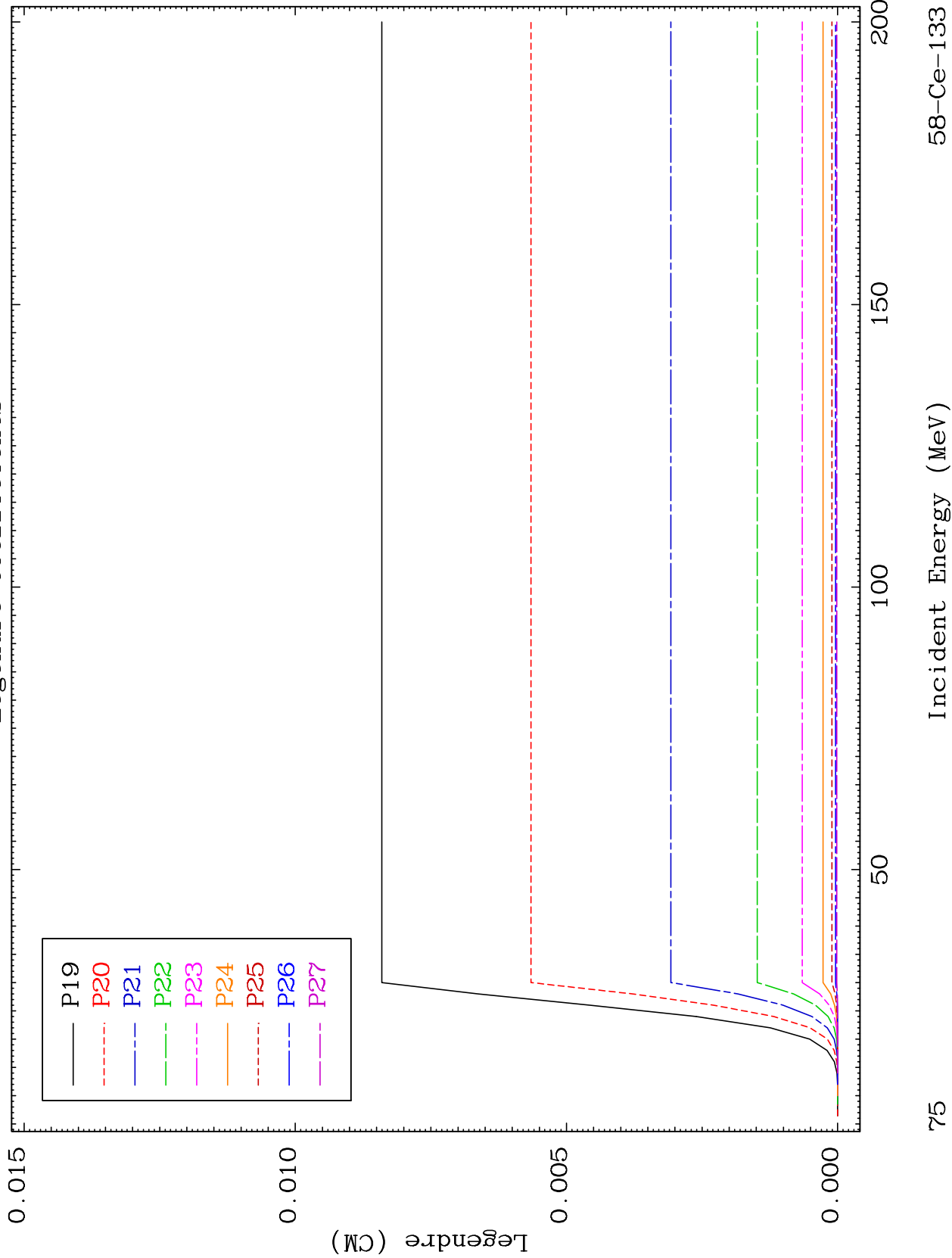
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



75

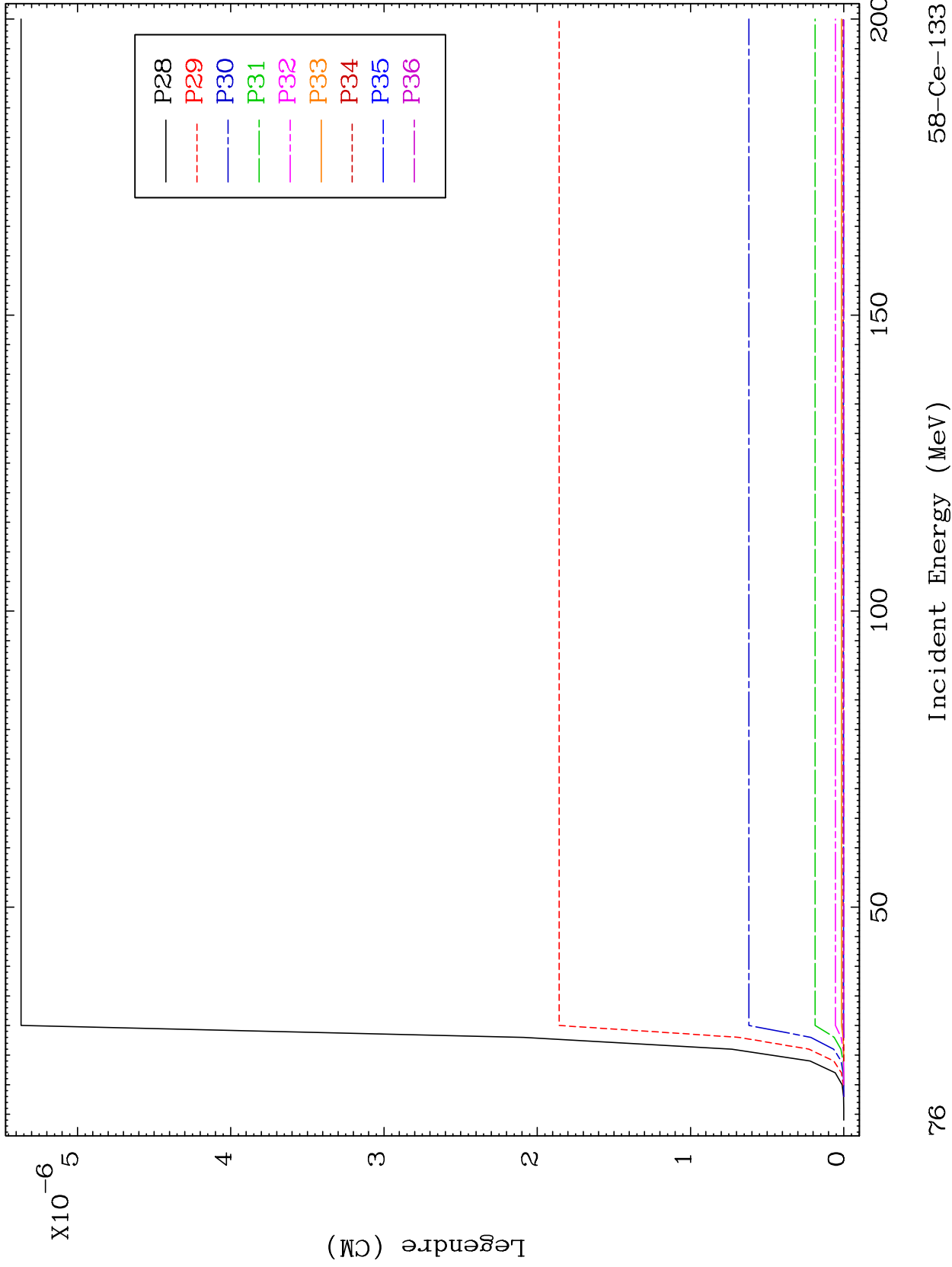
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

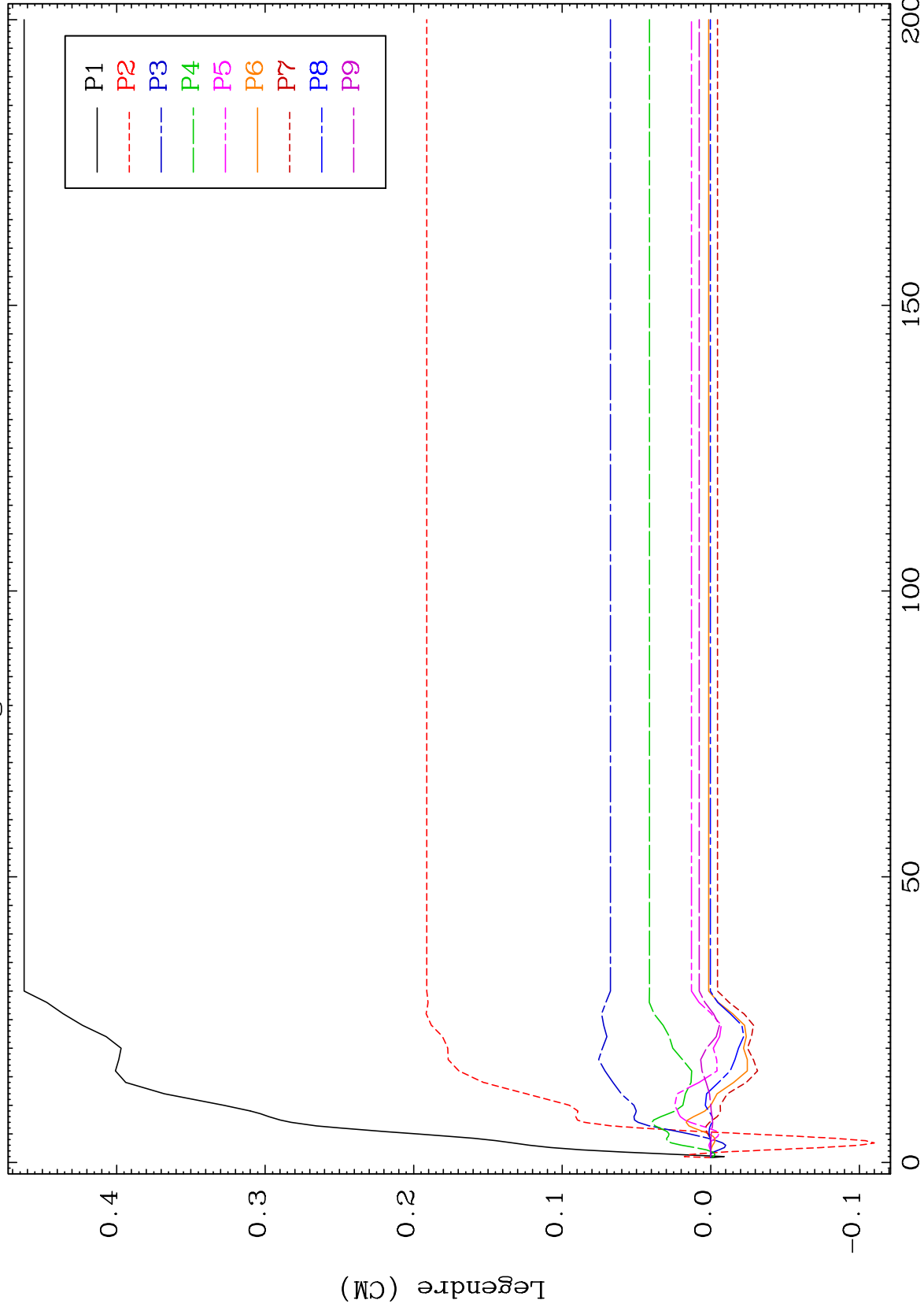
58-Ce-133



MAT 5816

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

58-Ce-133



77

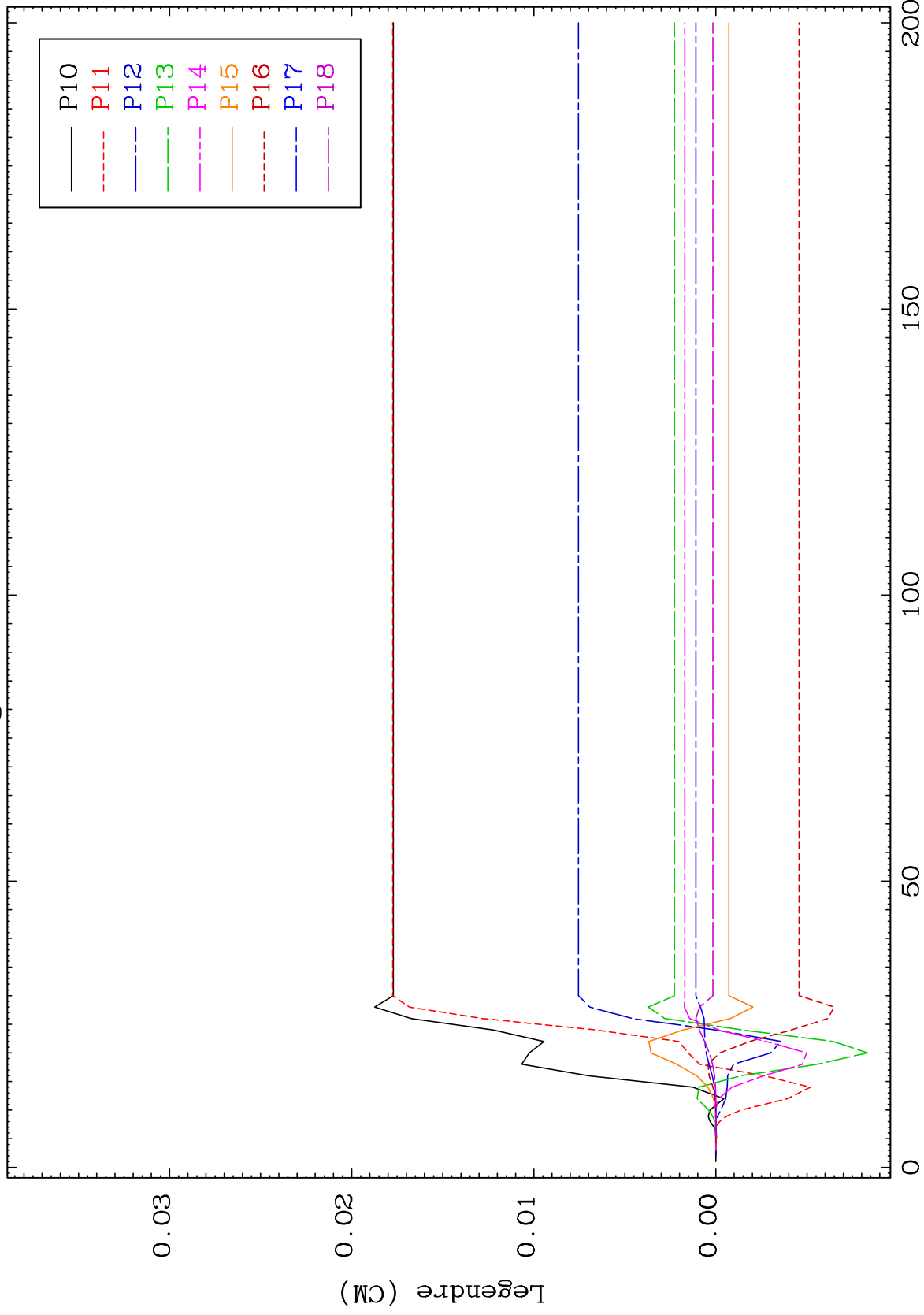
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

58-Ce-133



78

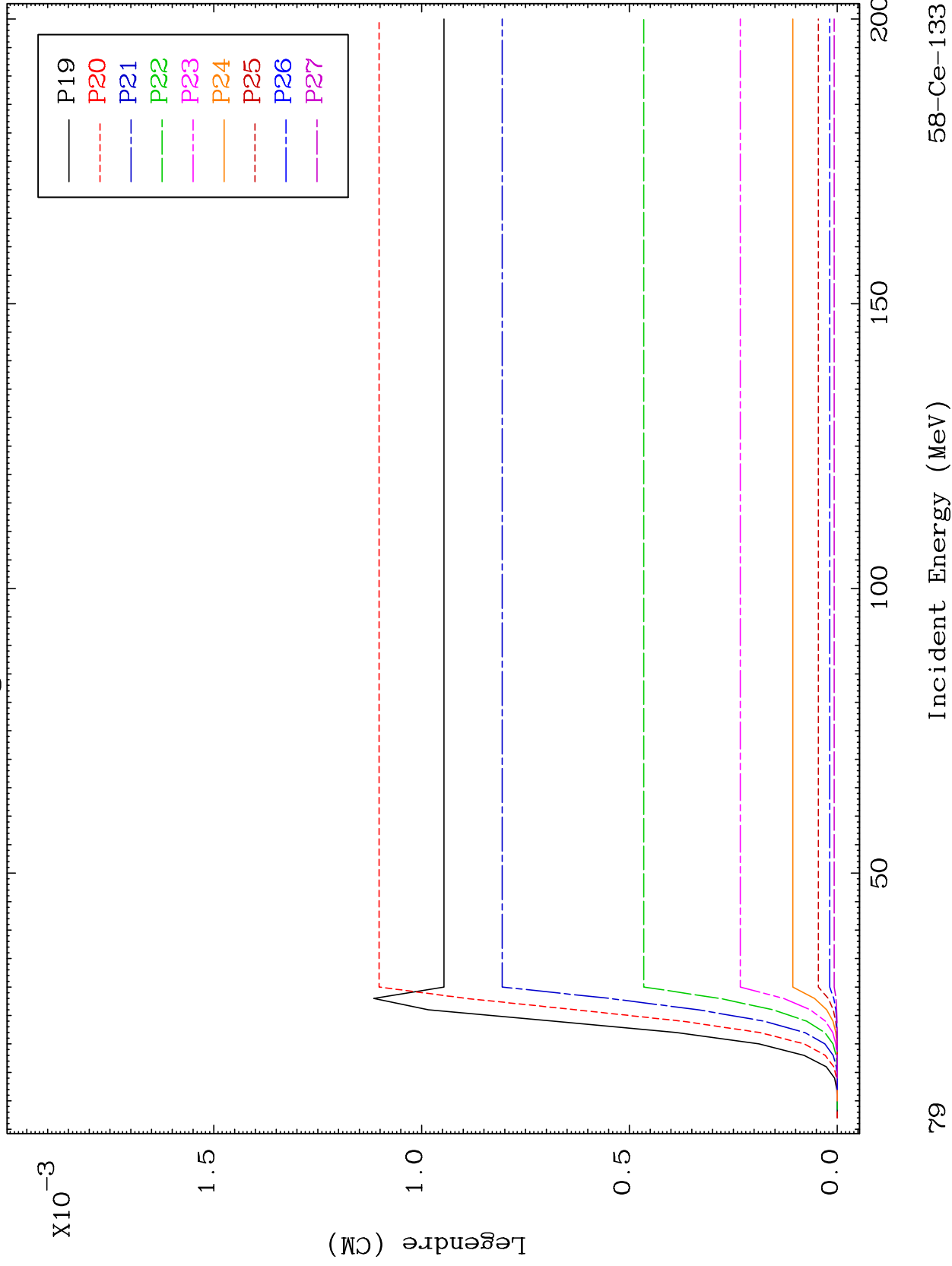
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

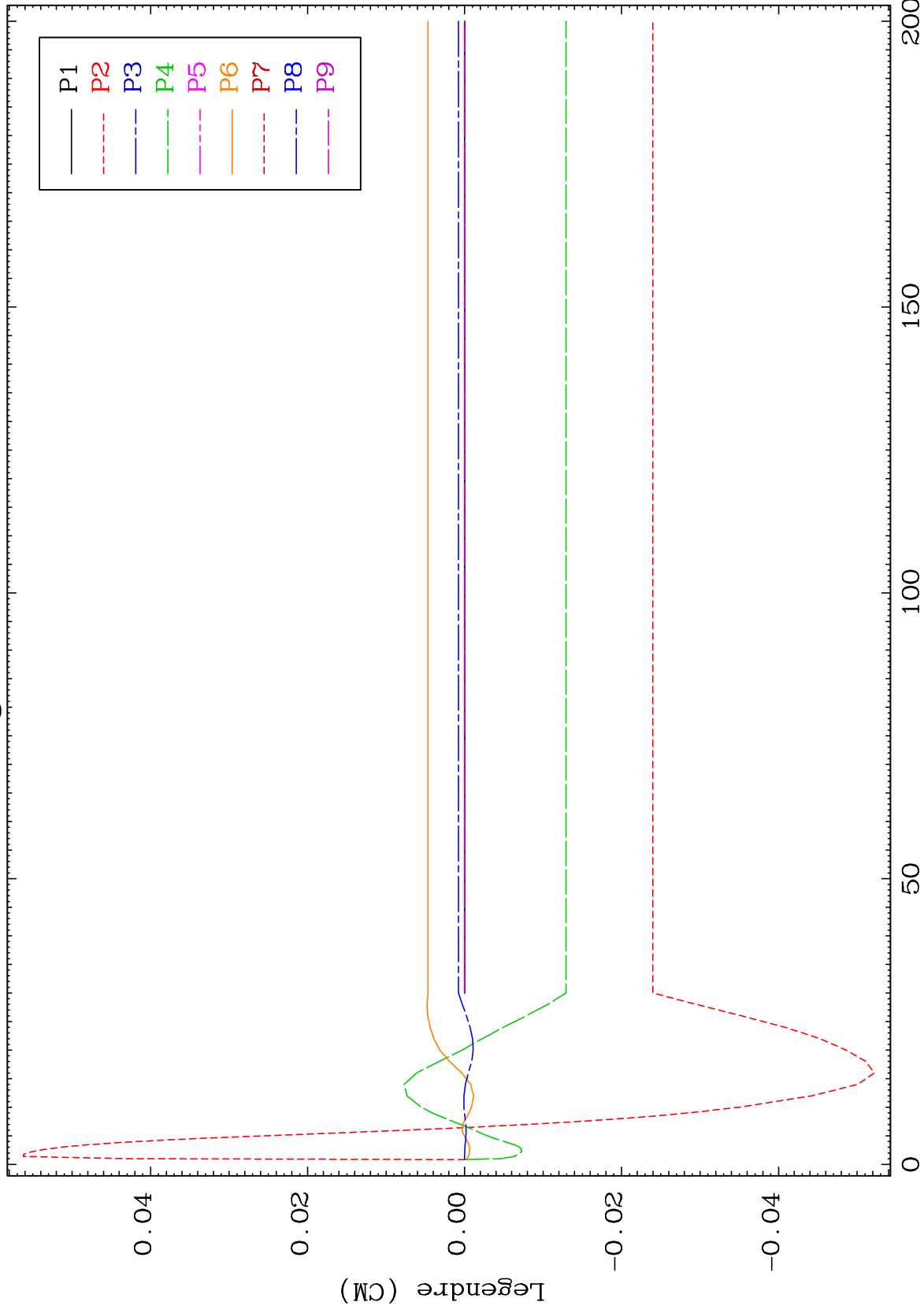
58-Ce-133



MAT 5816

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

58-Ce-133



81

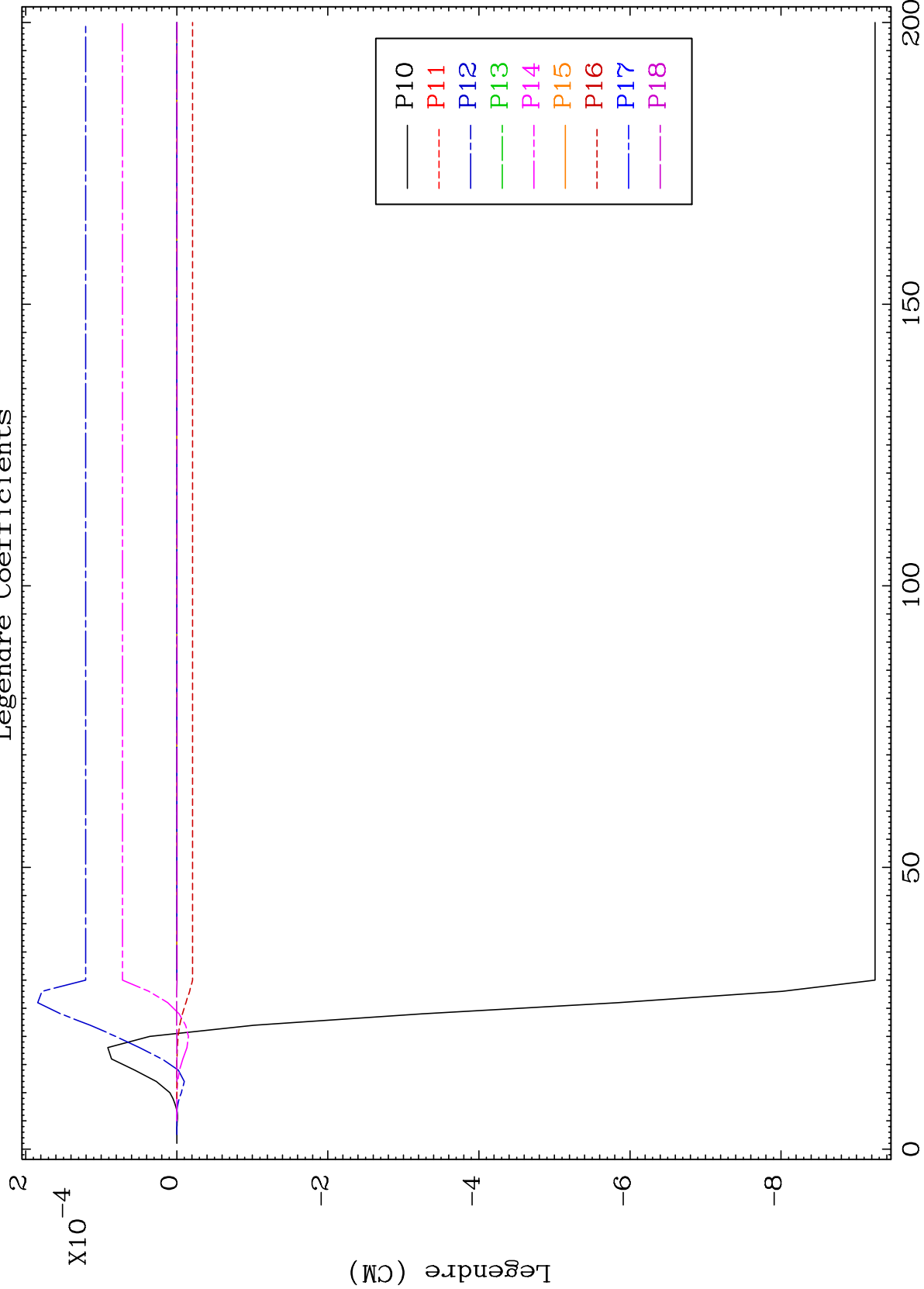
Incident Energy (MeV)

58-Ce-133

MAT 5816

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

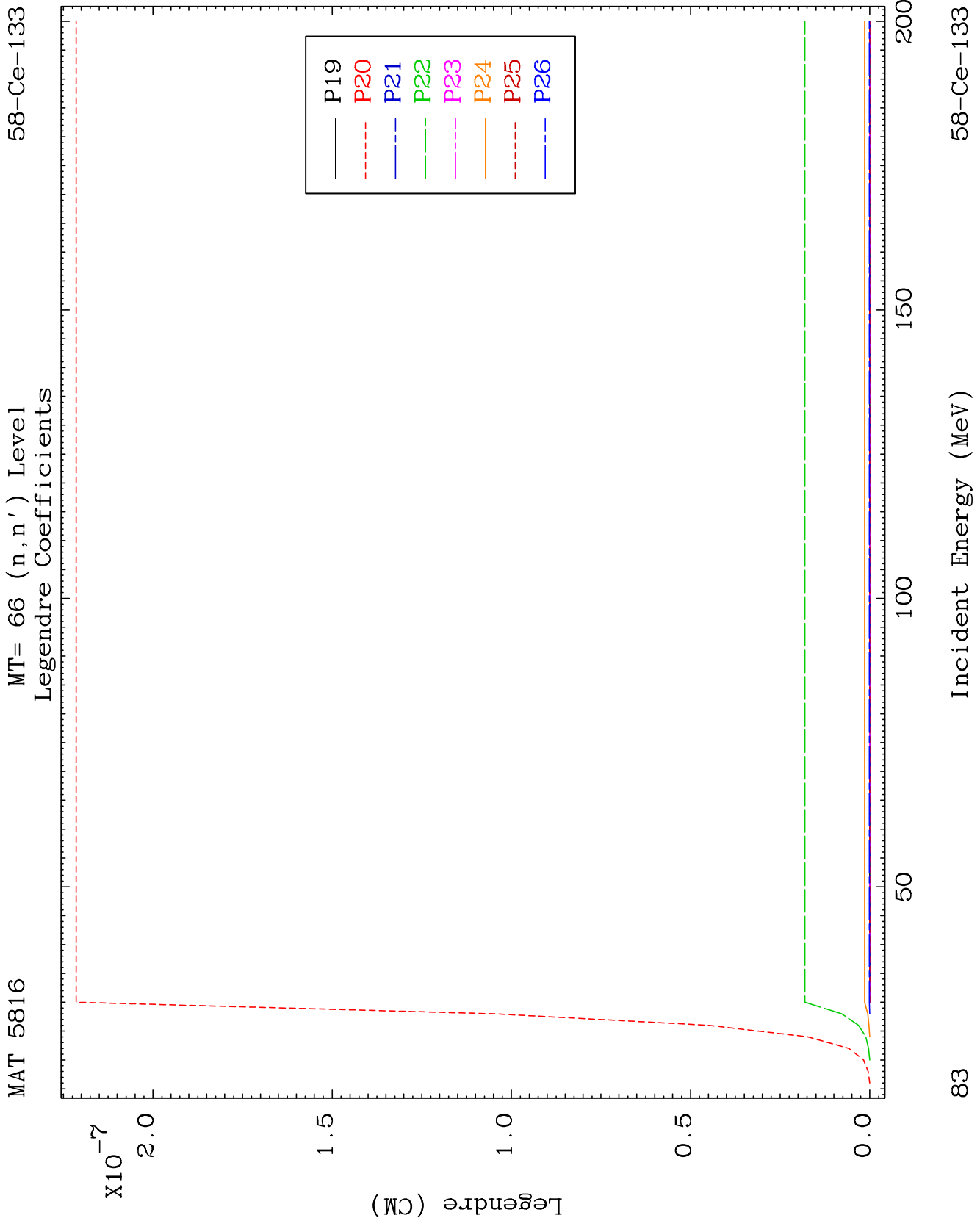
58-Ce-133



82

Incident Energy (MeV)

58-Ce-133

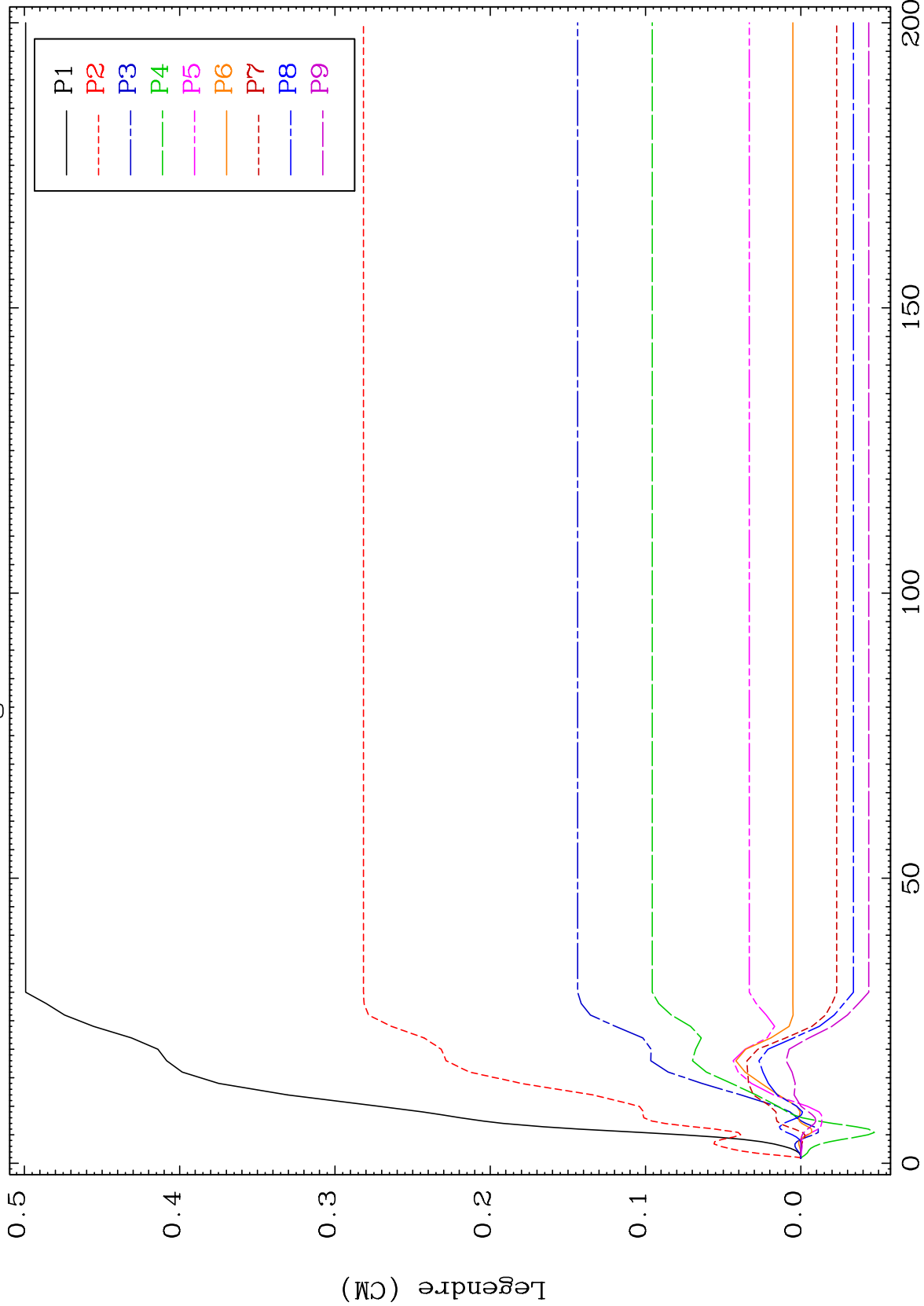


MAT 5816

MT= 67 (n,n') Level

58-Ce-133

Legendre Coefficients



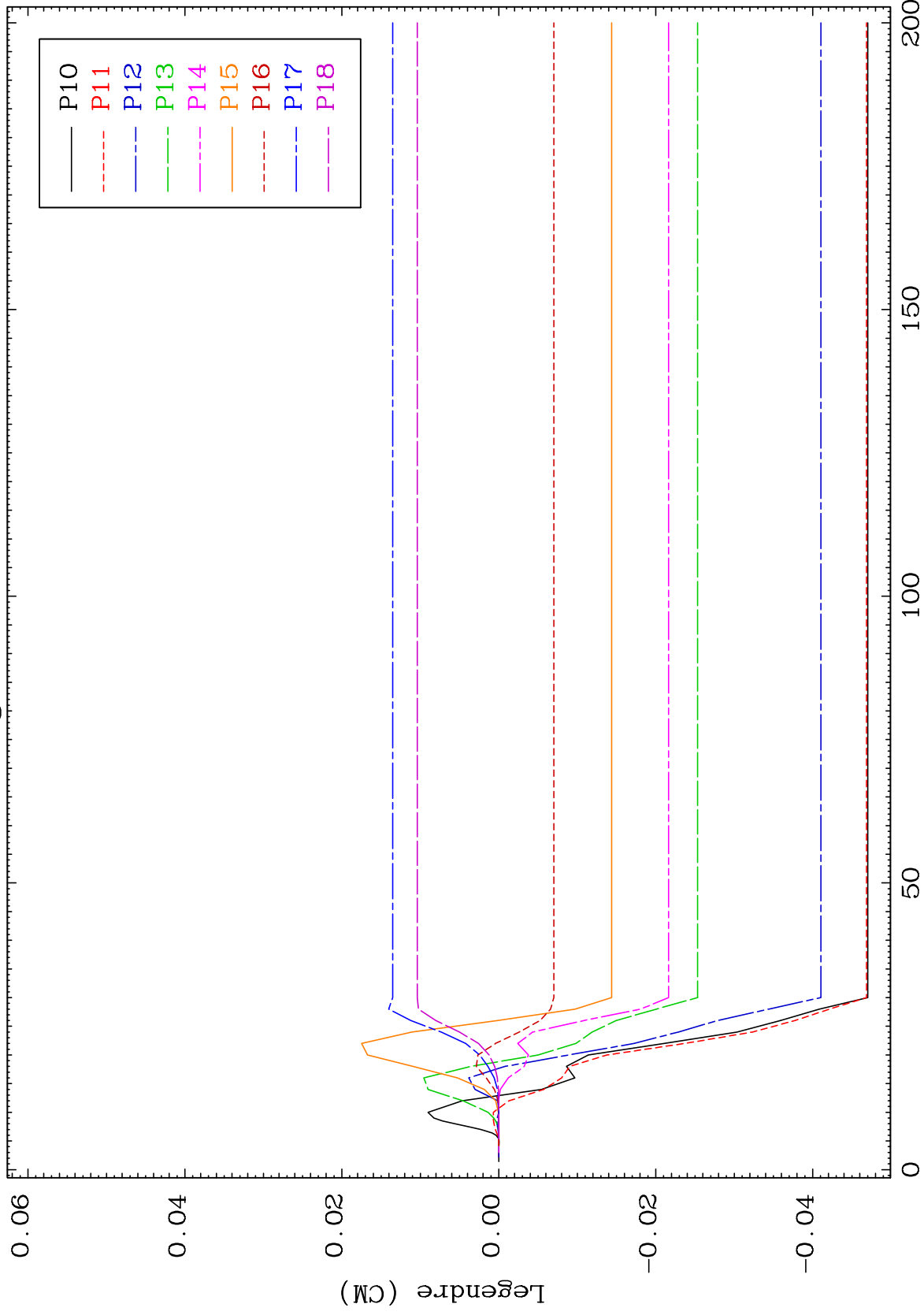
84

58-Ce-133

MAT 5816

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

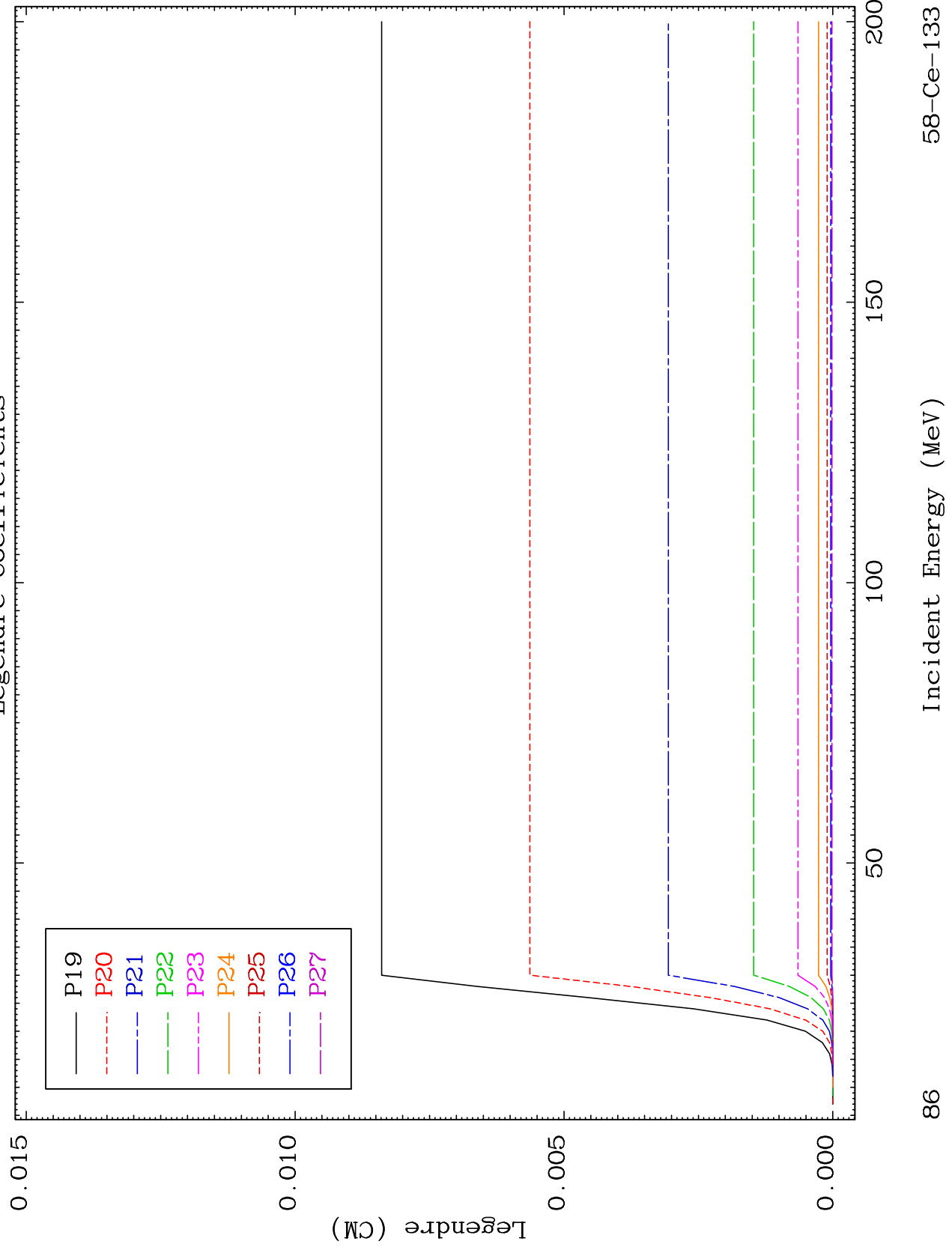
58-Ce-133



85

Incident Energy (MeV)

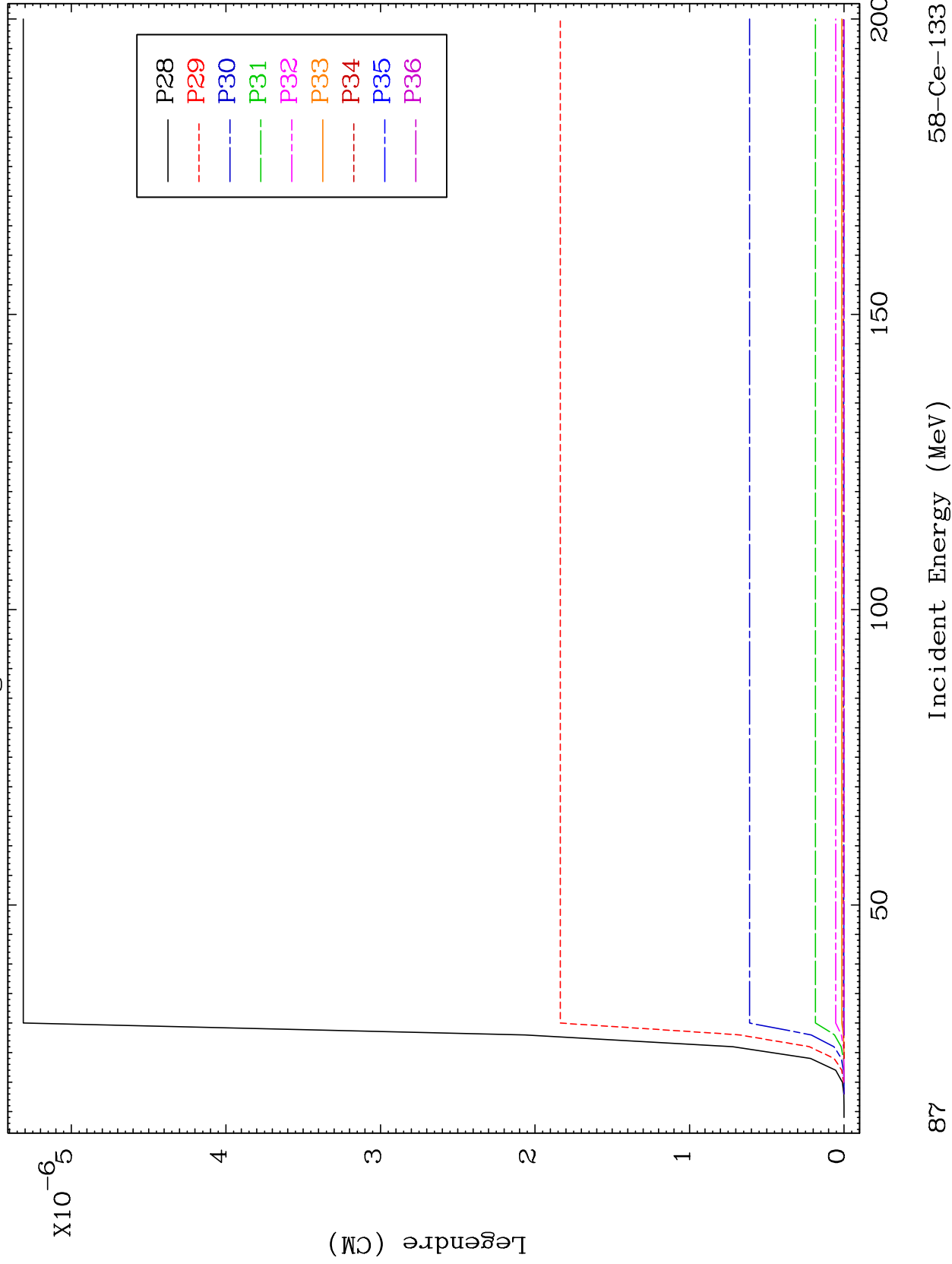
58-Ce-133



MAT 5816

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

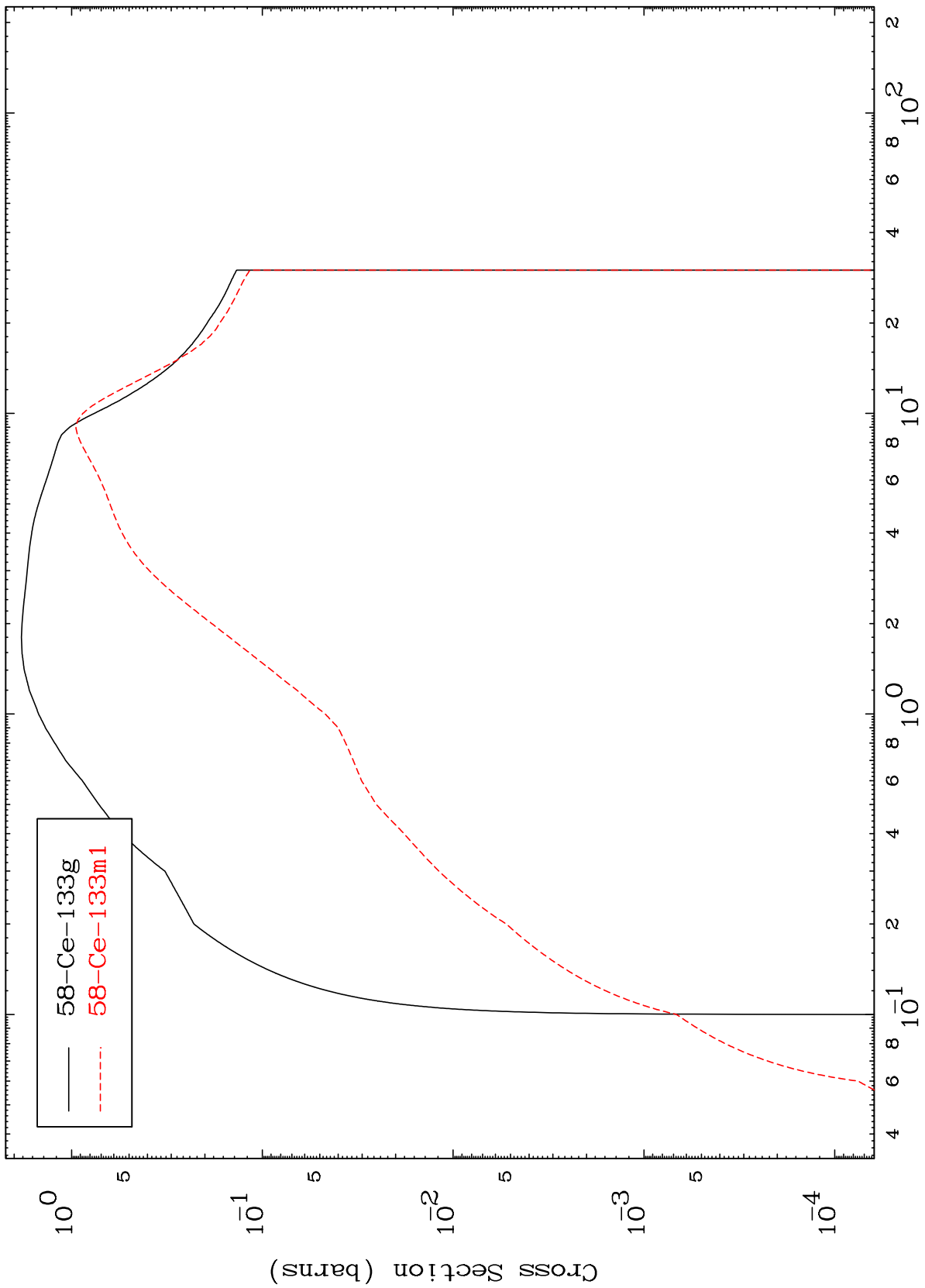
58-Ce-133



MAT 5816

58-Ce-133

Inelastic
Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

88

58-Ce-133

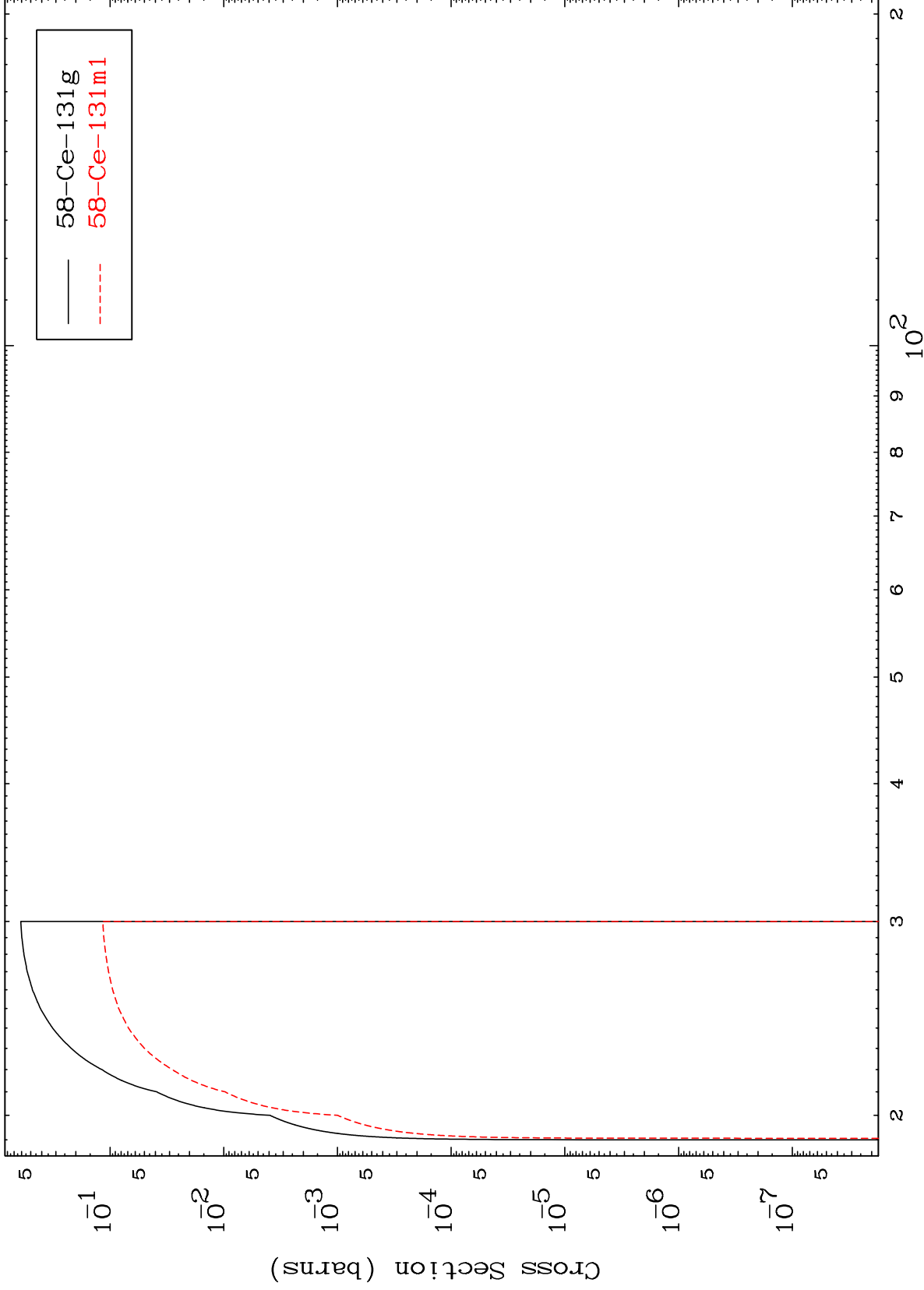
Incident Energy (MeV)

MAT 5816

(n,3n)

58-Ce-133

Radionuclide Production Cross Section



89

Incident Energy (MeV)

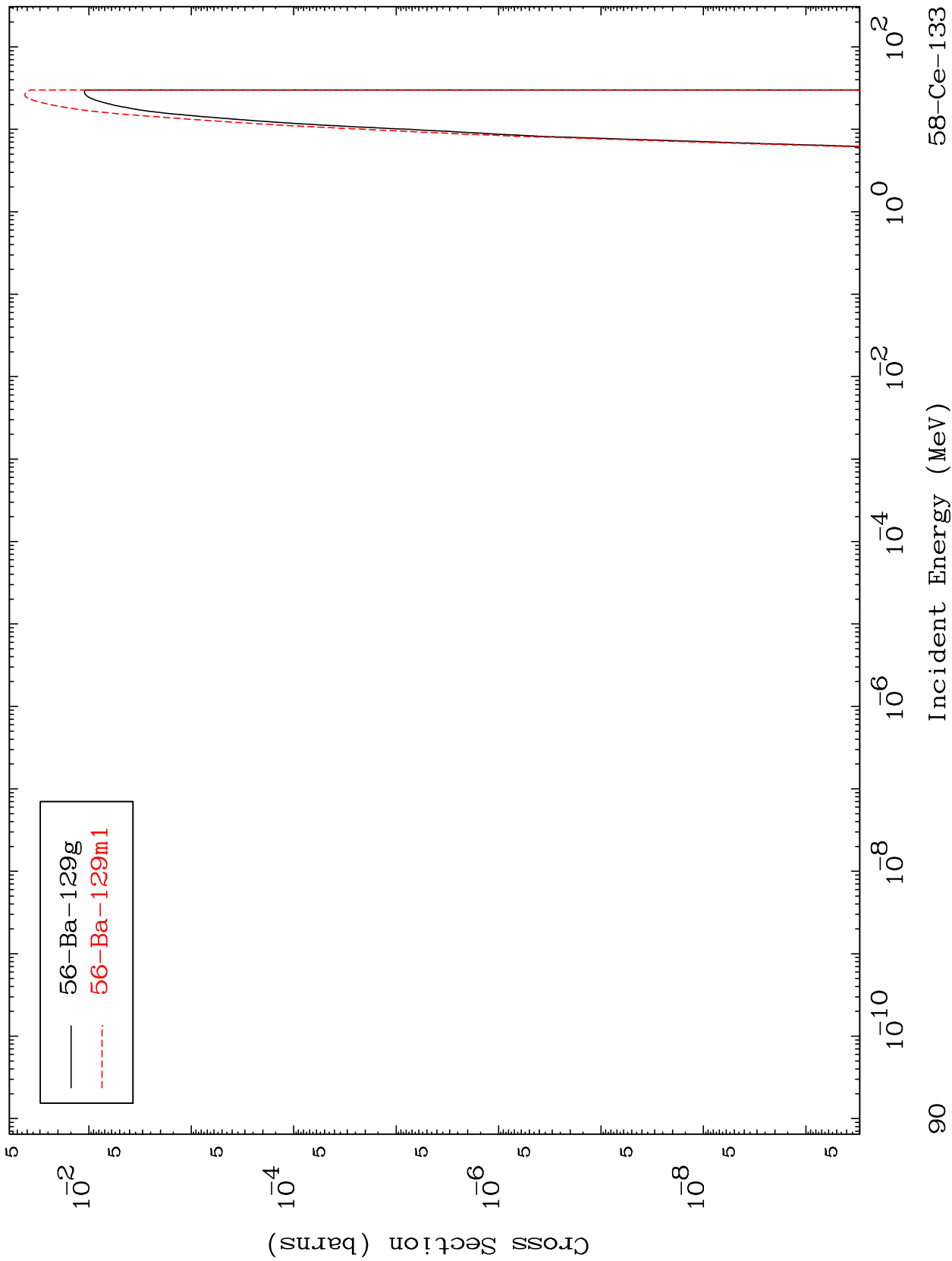
58-Ce-133

MAT 5816

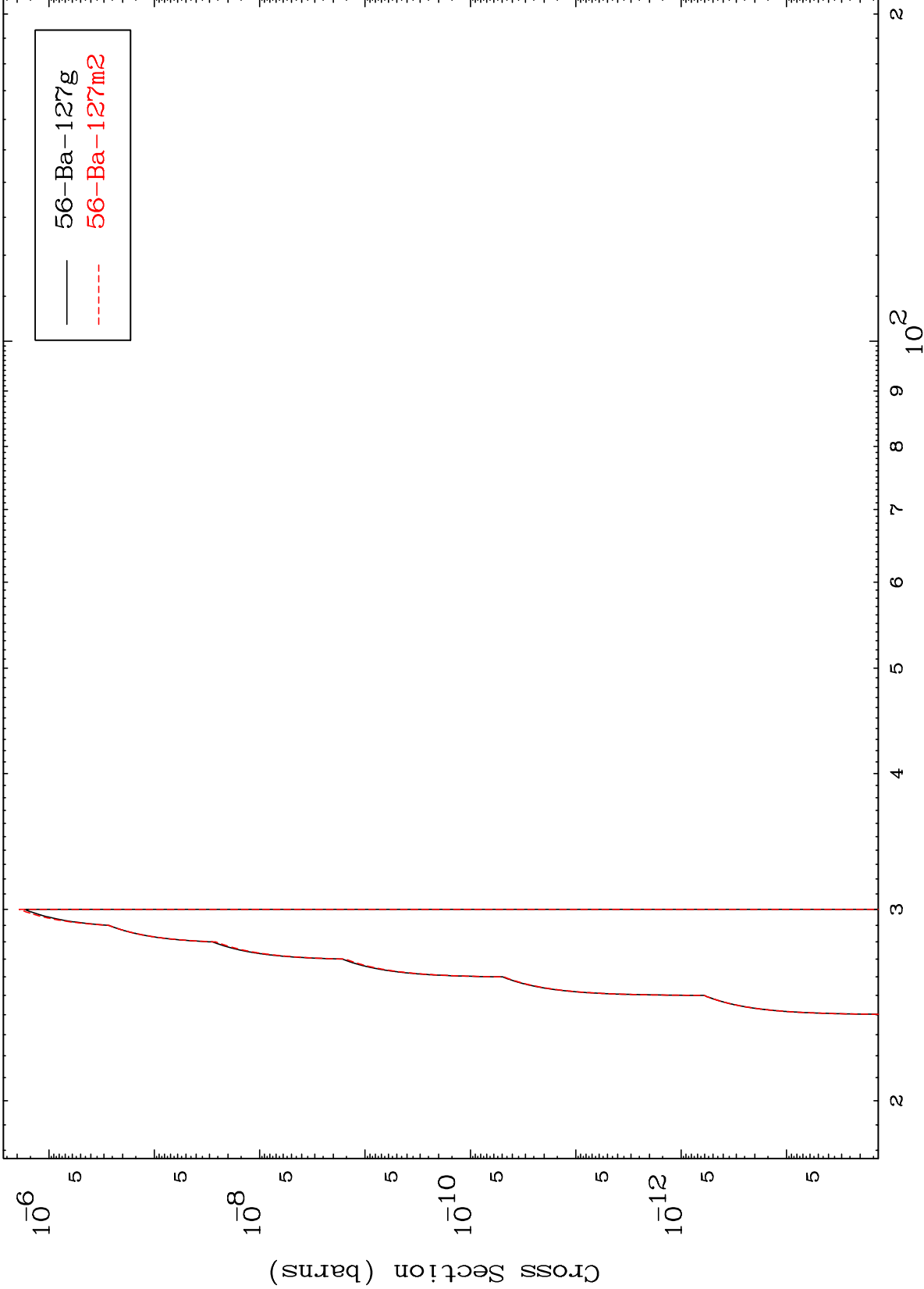
(n, n') α

58-Ce-133

Radionuclide Production Cross Section



Radionuclide Production Cross Section

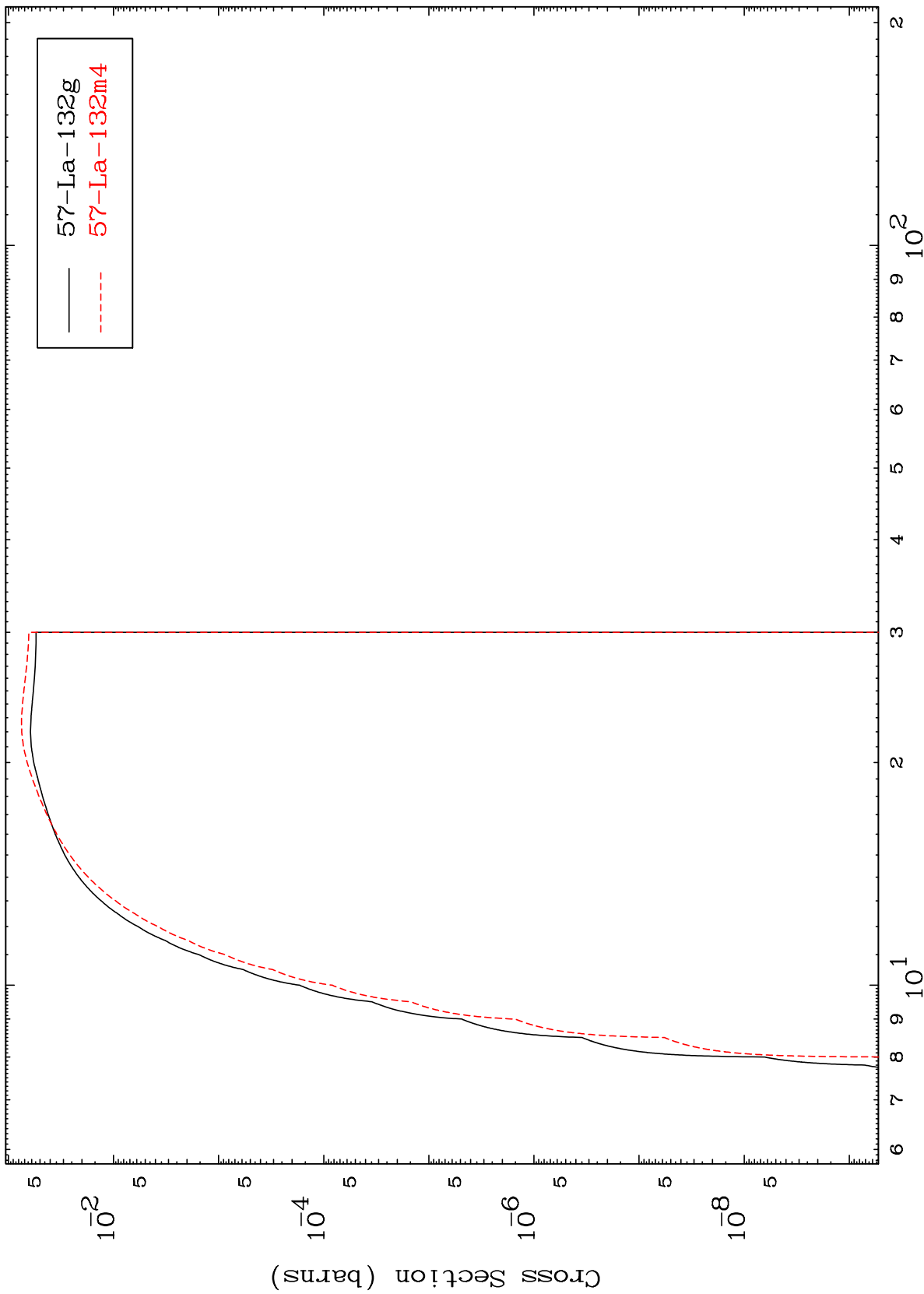


MAT 5816

(n,n') p

58-Ce-133

Radionuclide Production Cross Section



92

Incident Energy (MeV)

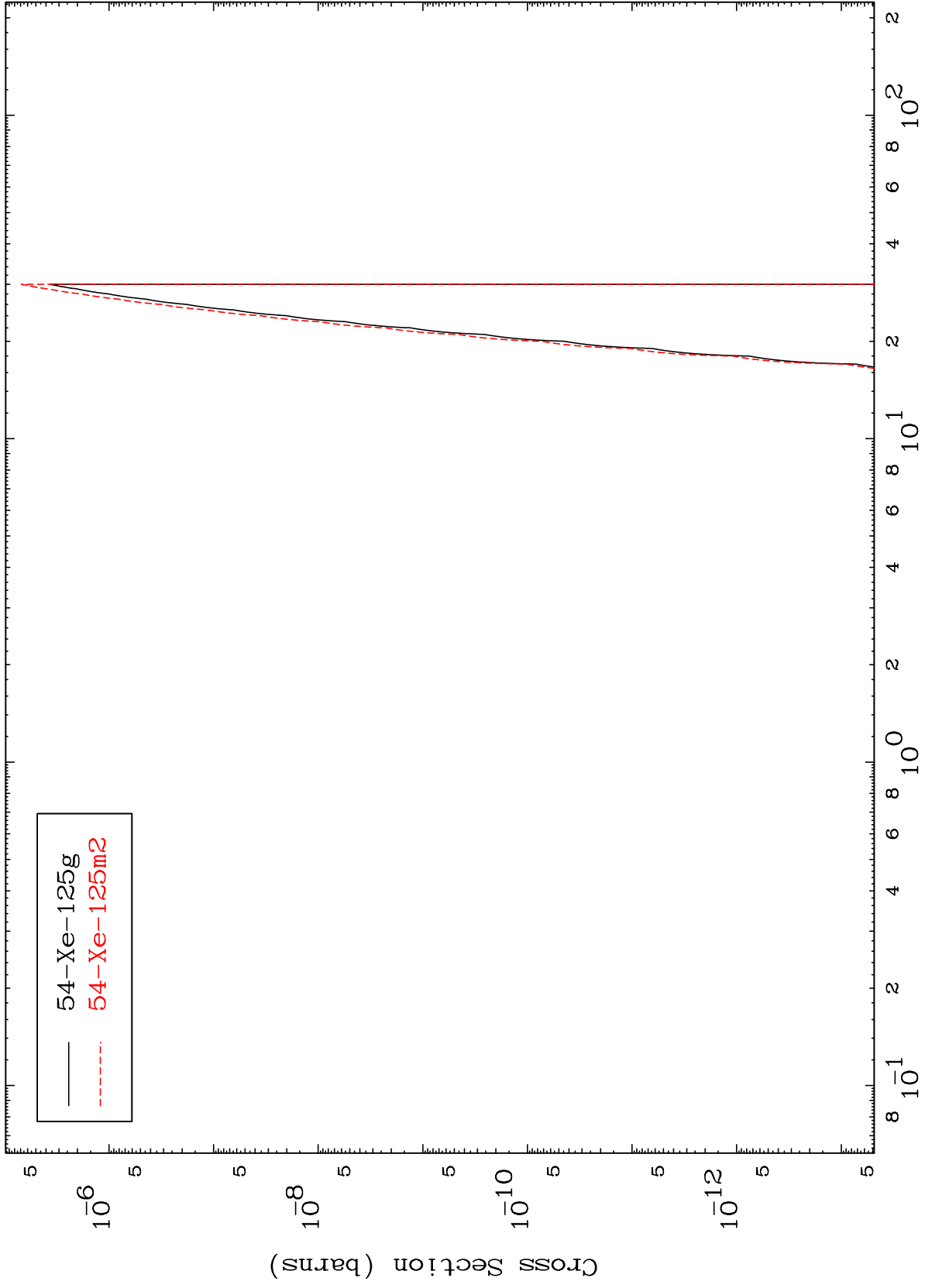
58-Ce-133

MAT 5816

(n,n') 2α

58-Ce-133

Radionuclide Production Cross Section



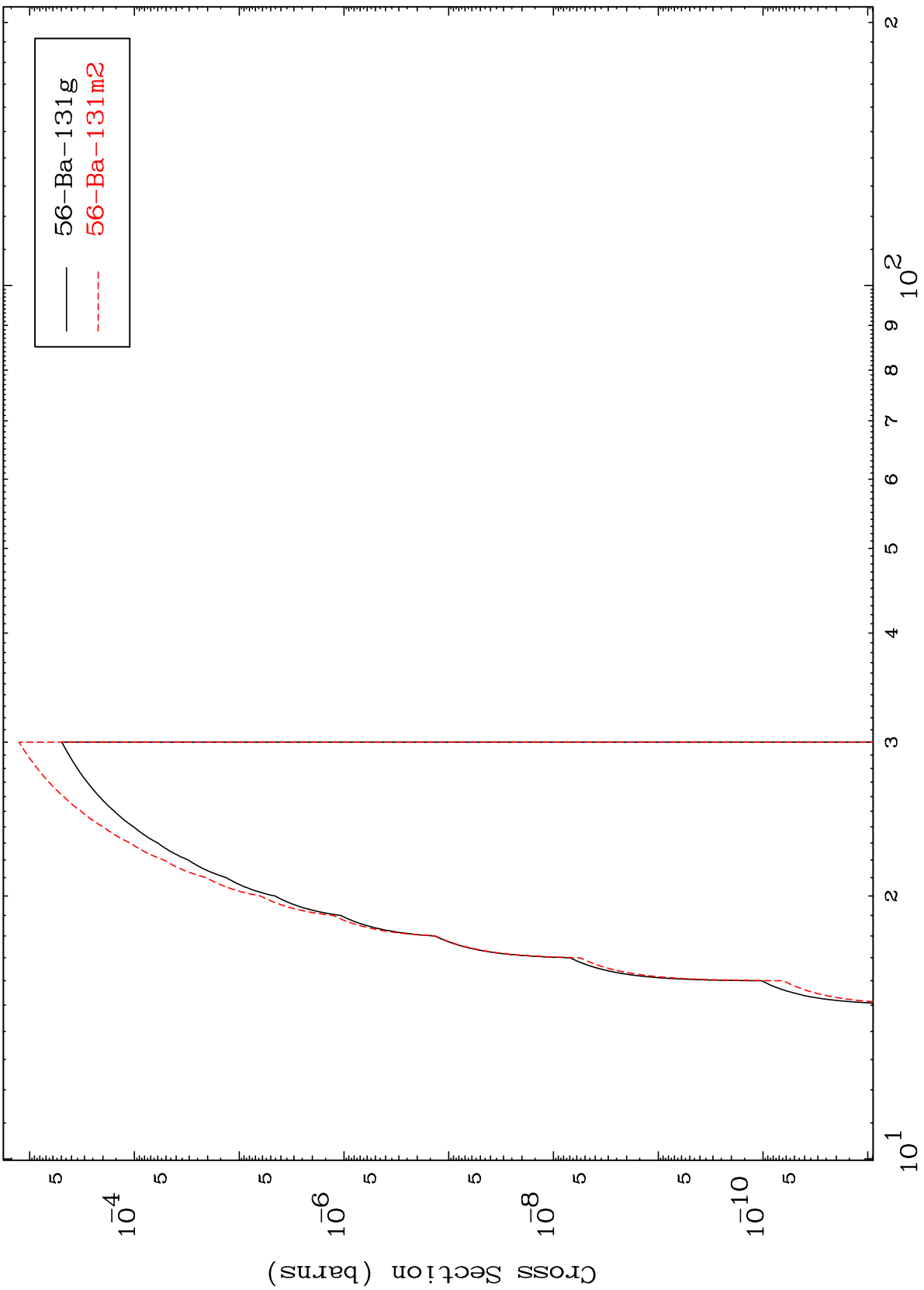
54-Xe-125g
54-Xe-125m2

MAT 5816

(n,2n) p

58-Ce-133

Radionuclide Production Cross Section



94

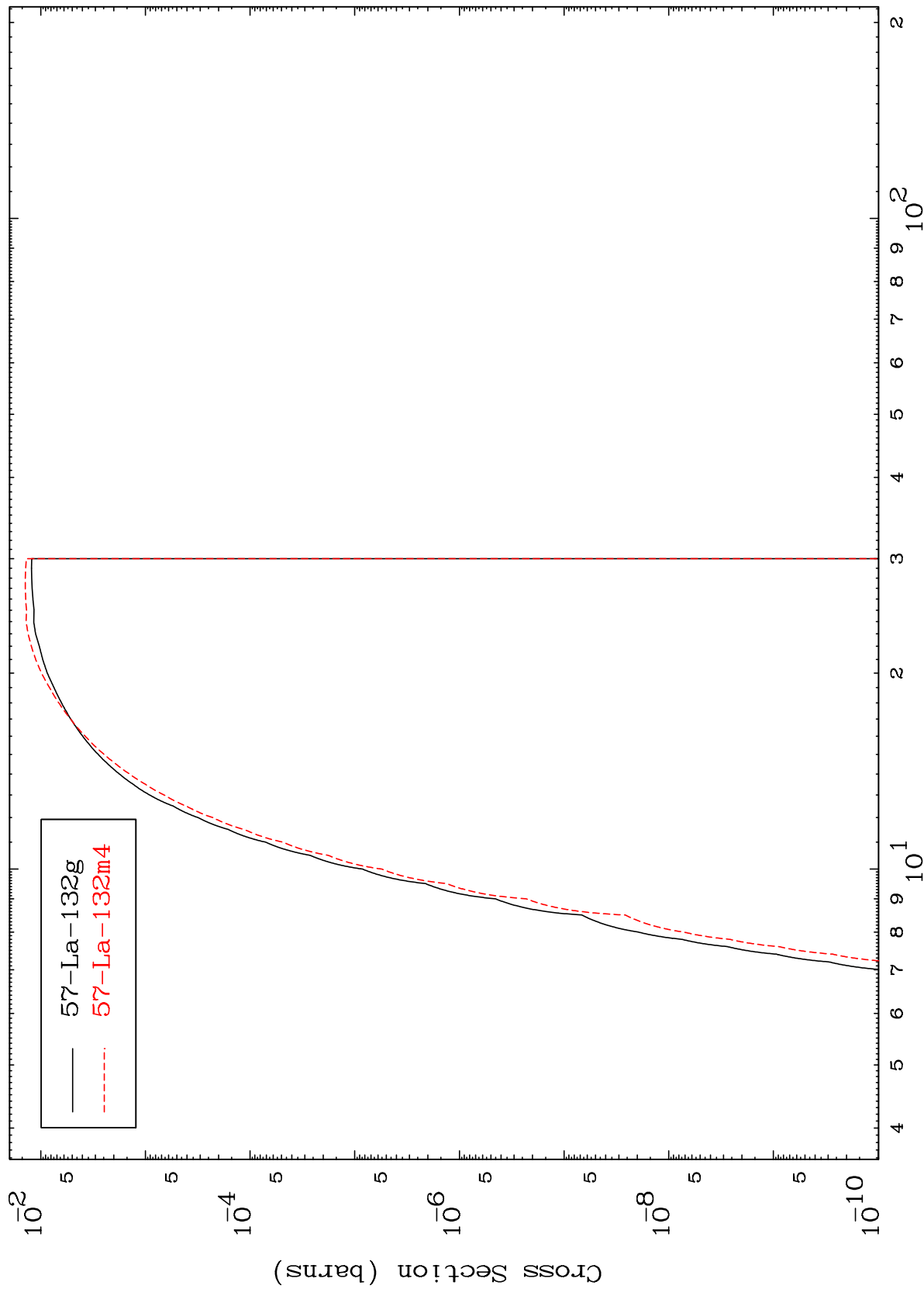
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(n,d)
Radionuclide Production Cross Section



— 57-La-132g
- - - 57-La-132m4

95

Incident Energy (MeV)

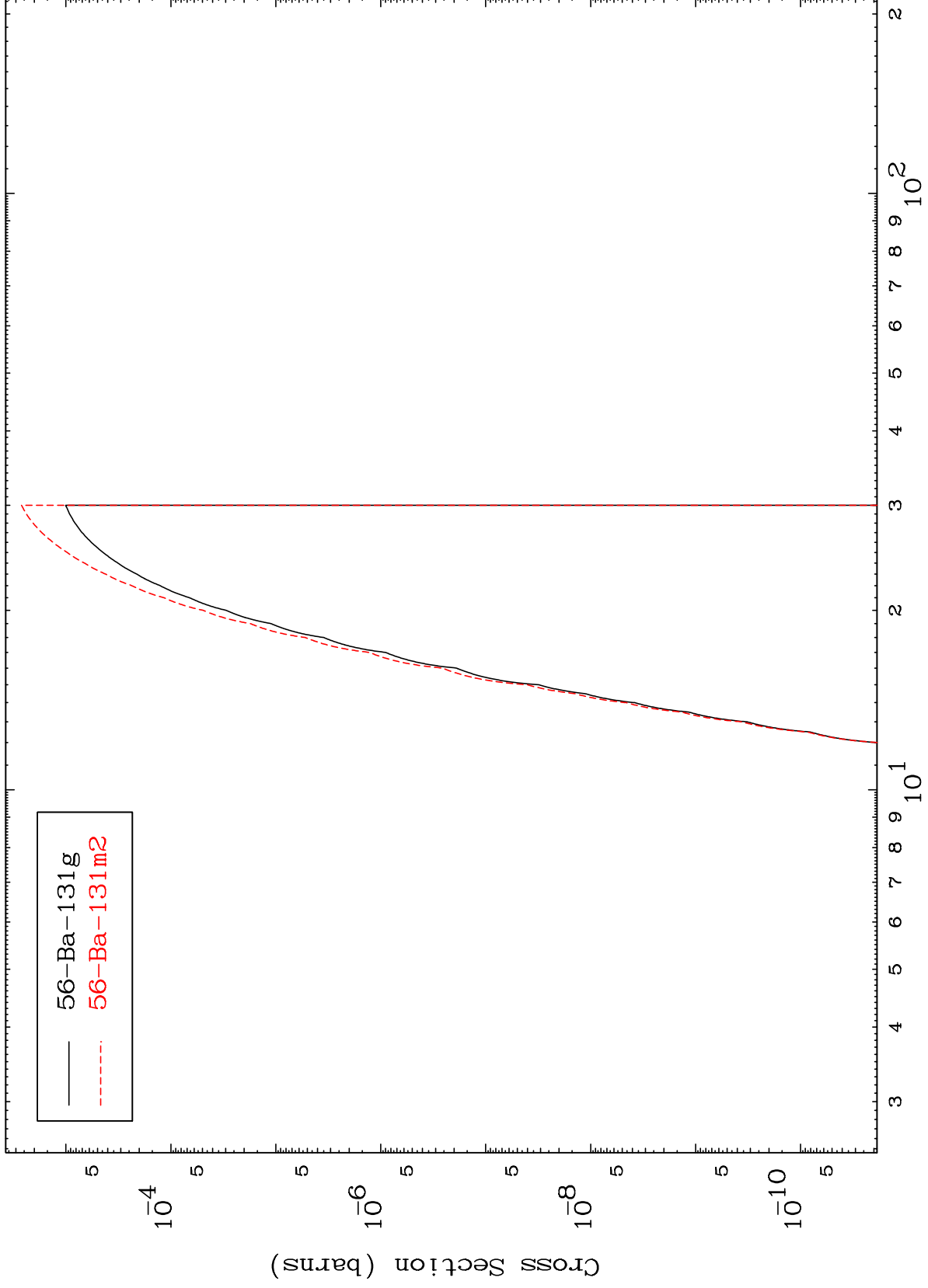
58-Ce-133

MAT 5816

(n,He-3)

58-Ce-133

Radionuclide Production Cross Section



96

Incident Energy (MeV)

58-Ce-133

MAT 5816

(n,p) d

58-Ce-133

