

Program EVALPLOT  
(Version 2021-1)

by

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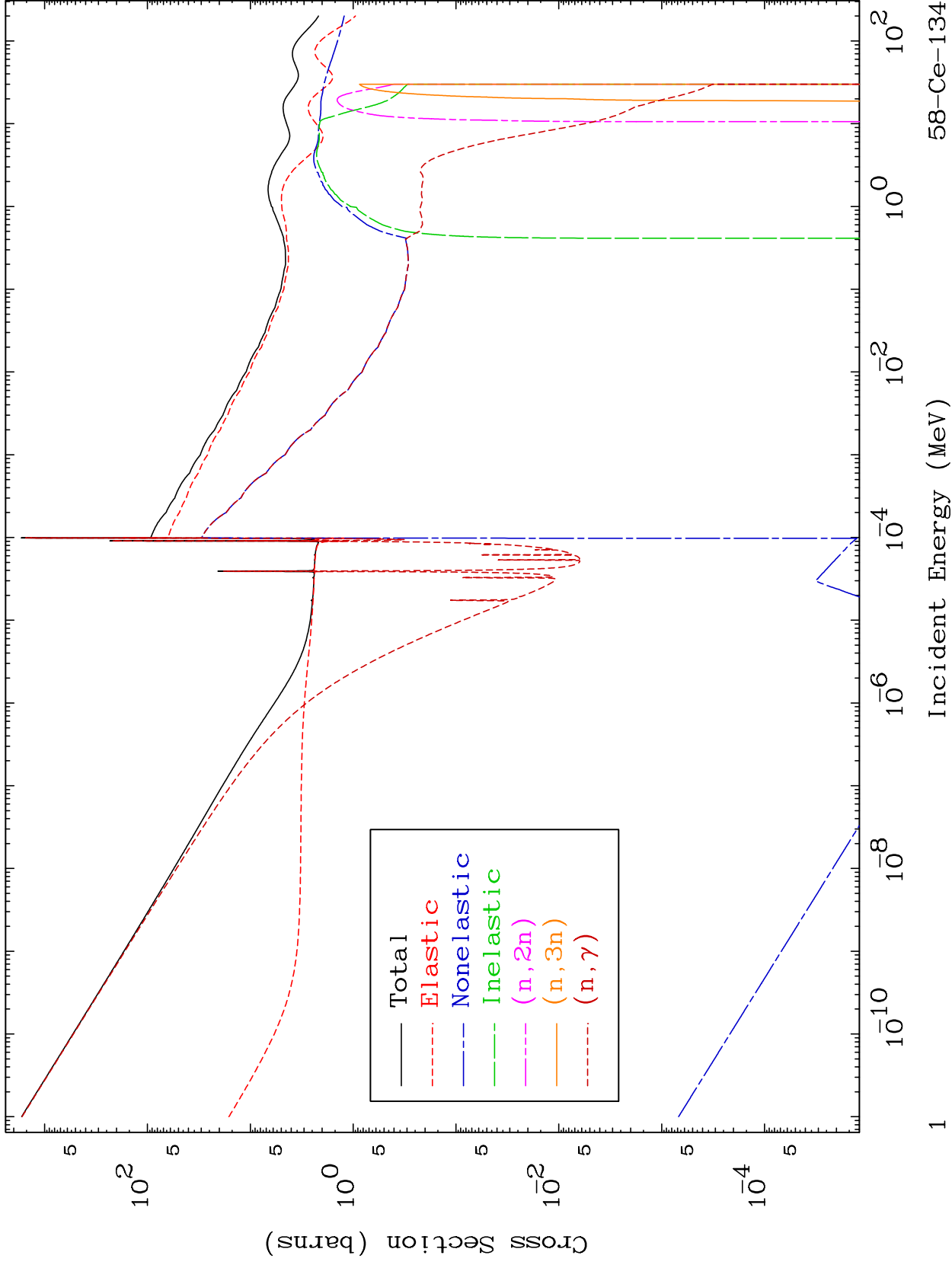
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Press Mouse Button to Start

MAT 5819

Neutron Major  
293 Kelvin Cross Sections

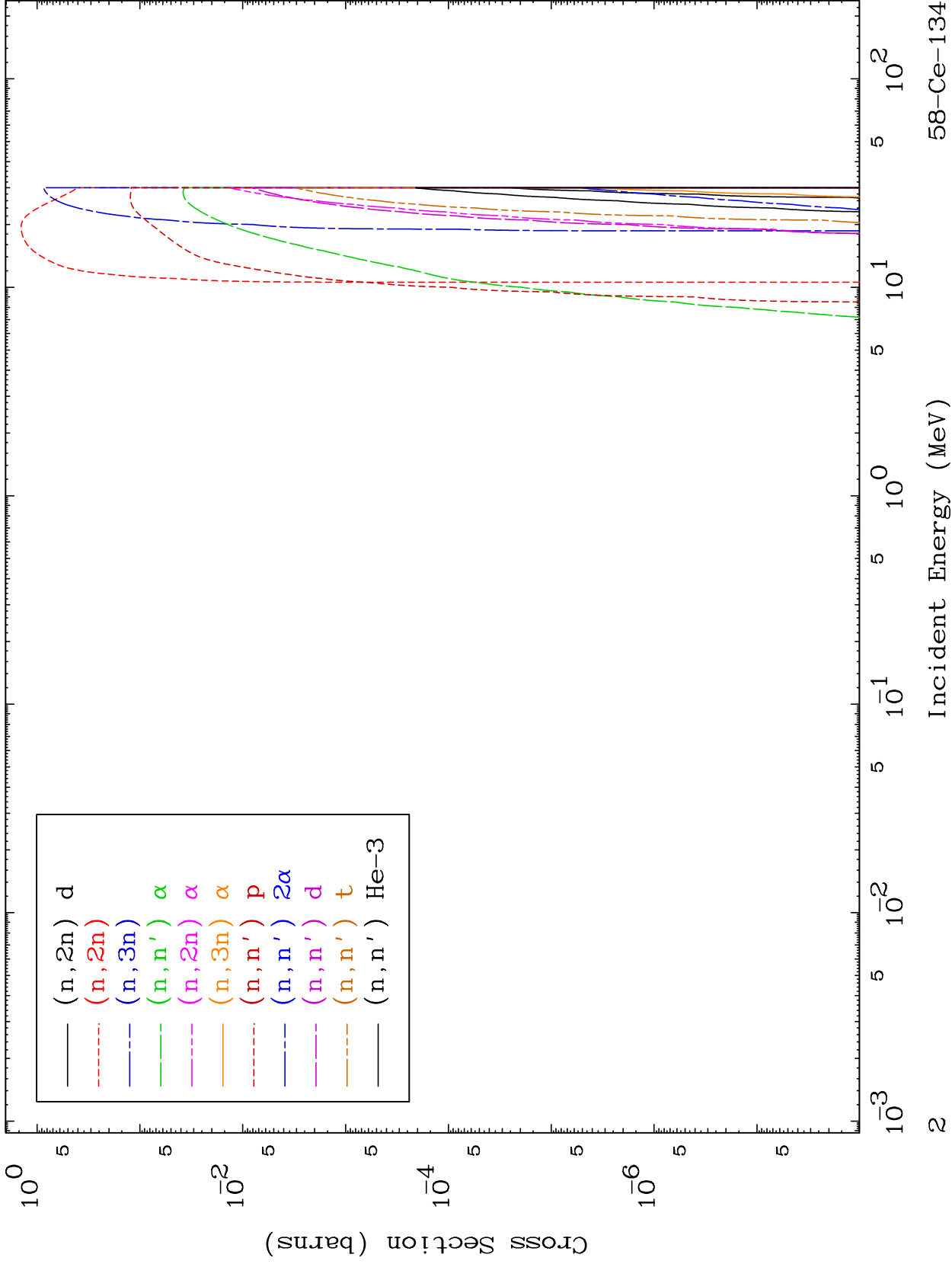
58-Ce-134



MAT 5819

Neutron Absorption  
293 Kelvin Cross Sections

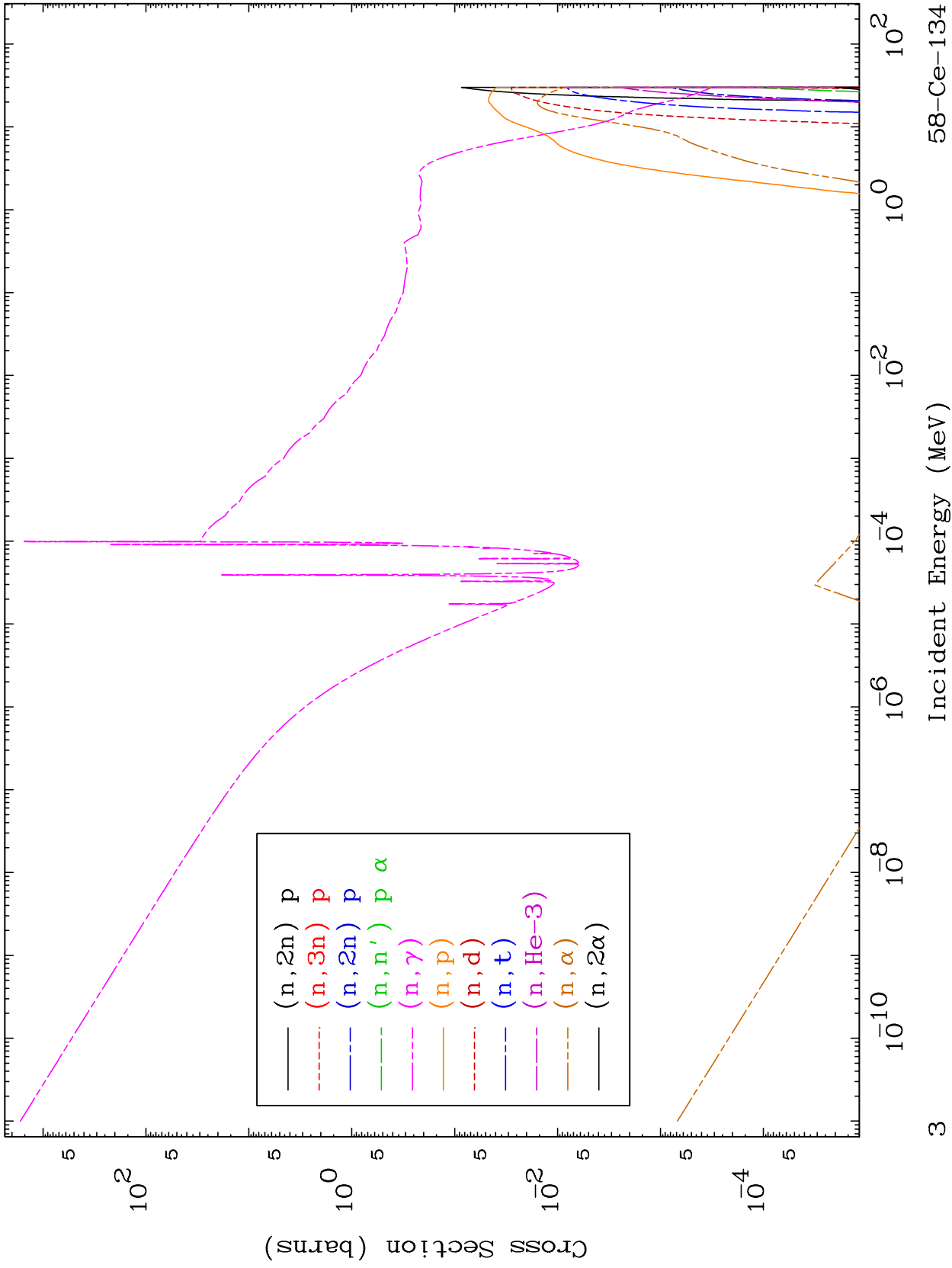
58-Ce-134



MAT 5819

Neutron Absorption  
293 Kelvin Cross Sections

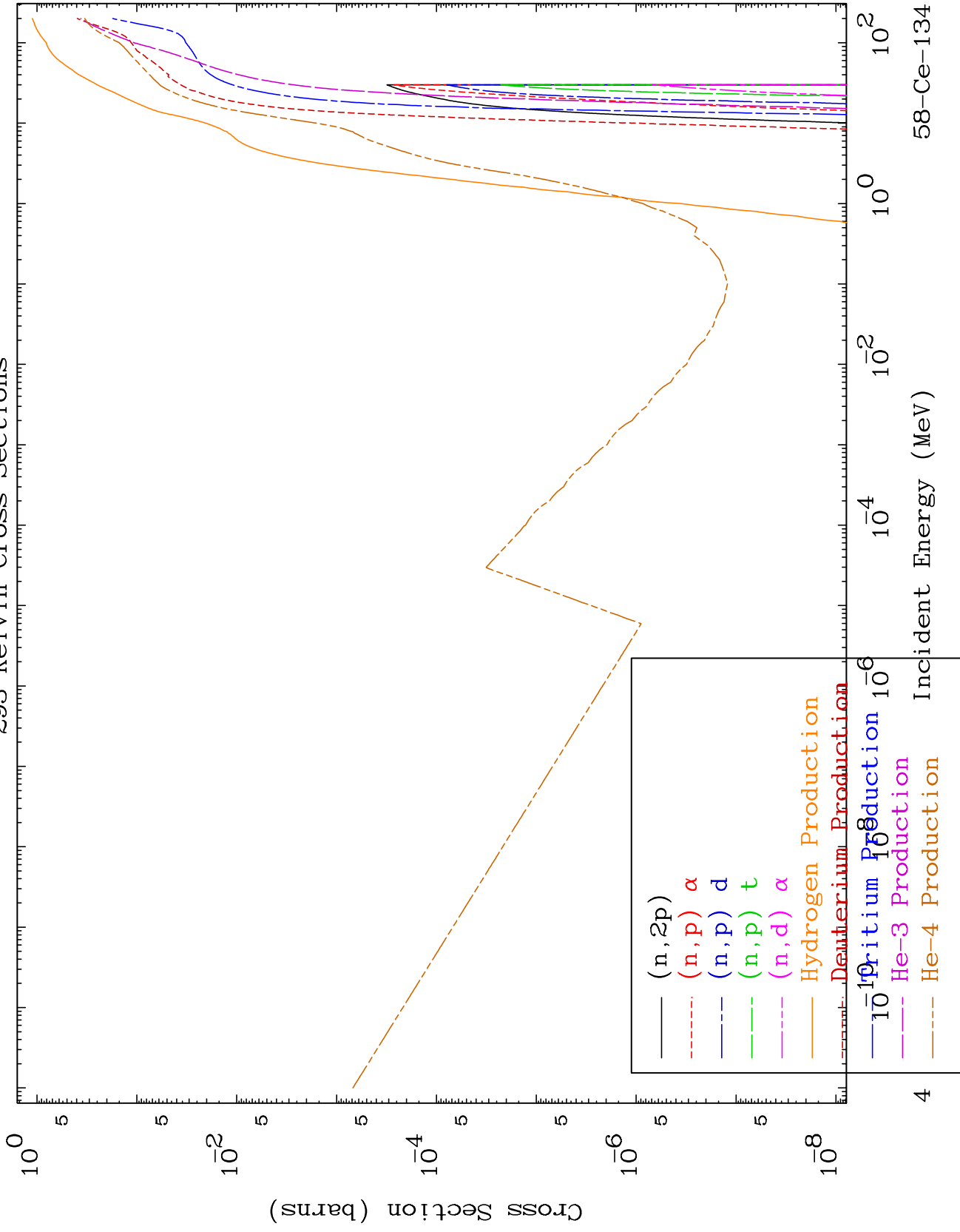
58-Ce-134



MAT 5819

Neutron Absorption  
293 Kelvin Cross Sections

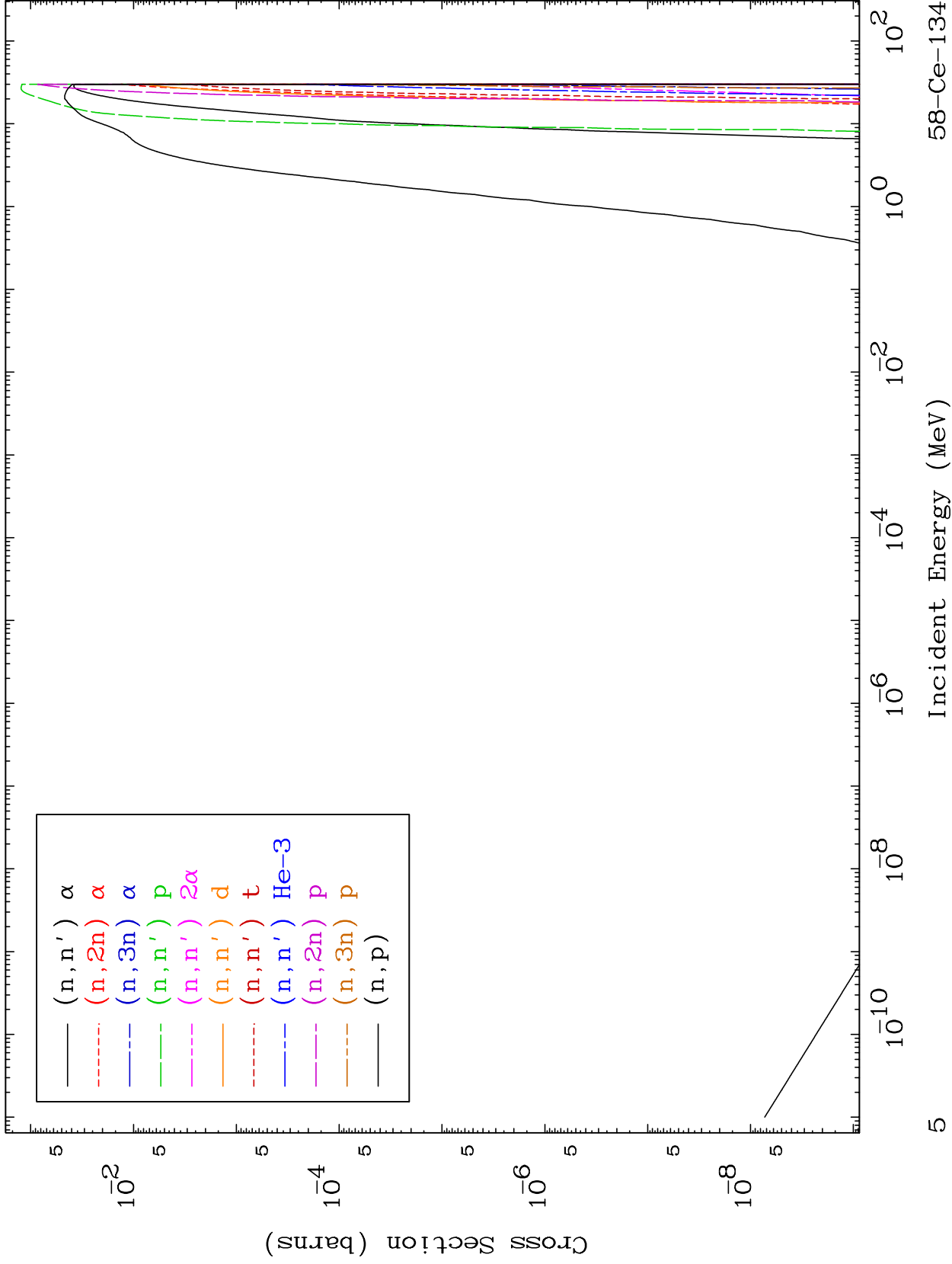
58-Ce-134



MAT 5819

Charged Particle  
293 Kelvin Cross Sections

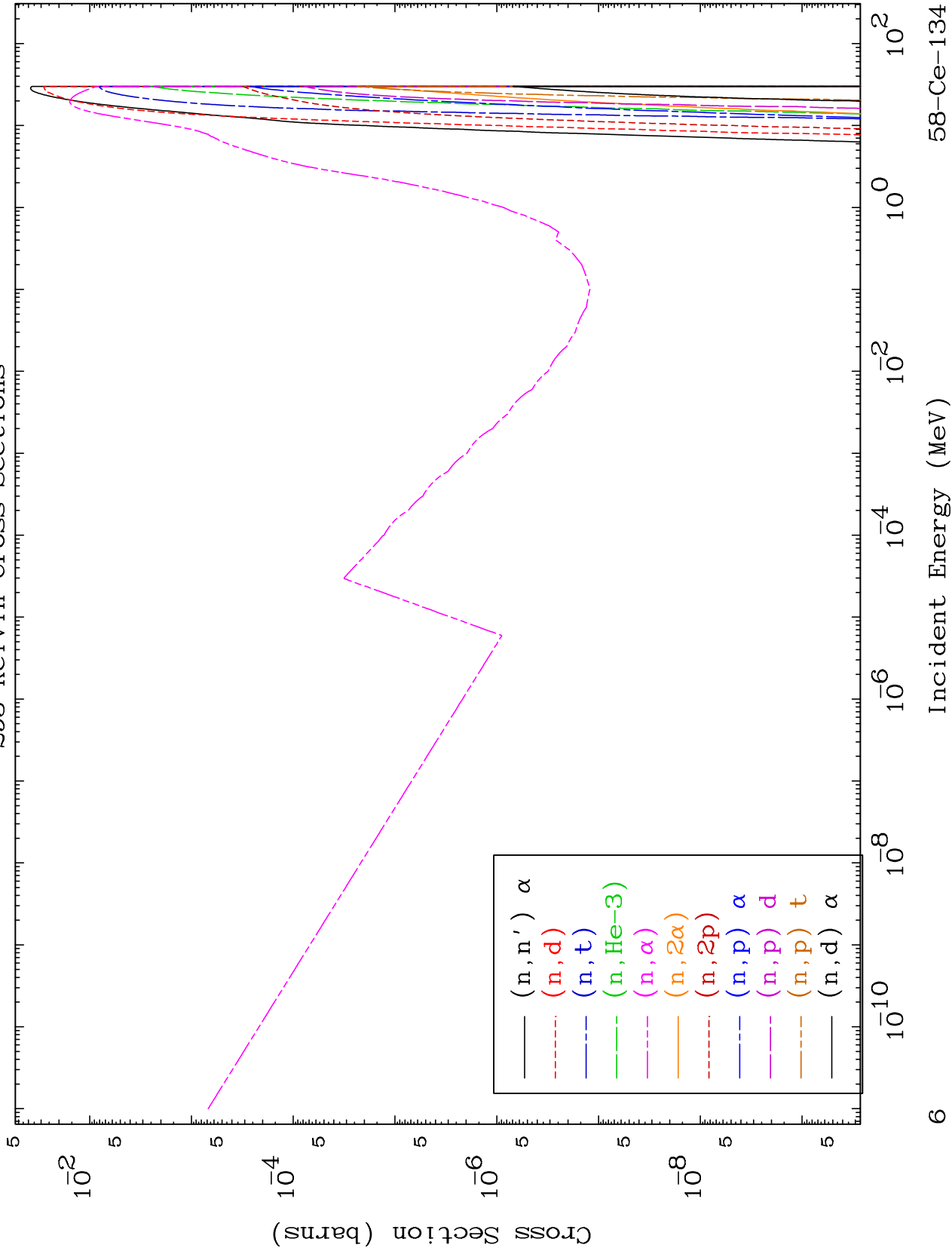
58-Ce-134



MAT 5819

Charged Particle  
293 Kelvin Cross Sections

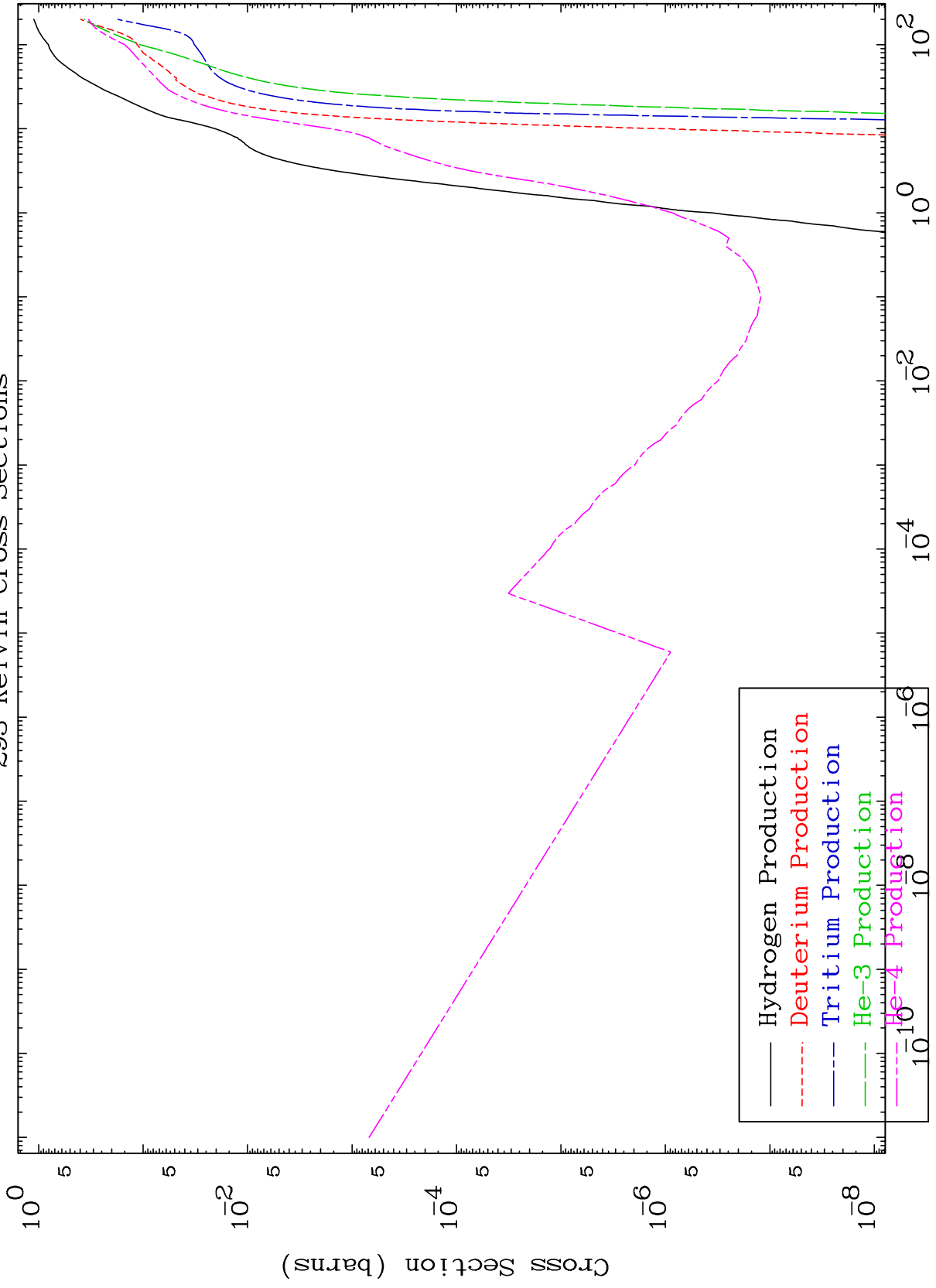
58-Ce-134



MAT 5819

Particle Production  
293 Kelvin Cross Sections

58-Ce-134



Incident Energy (MeV)

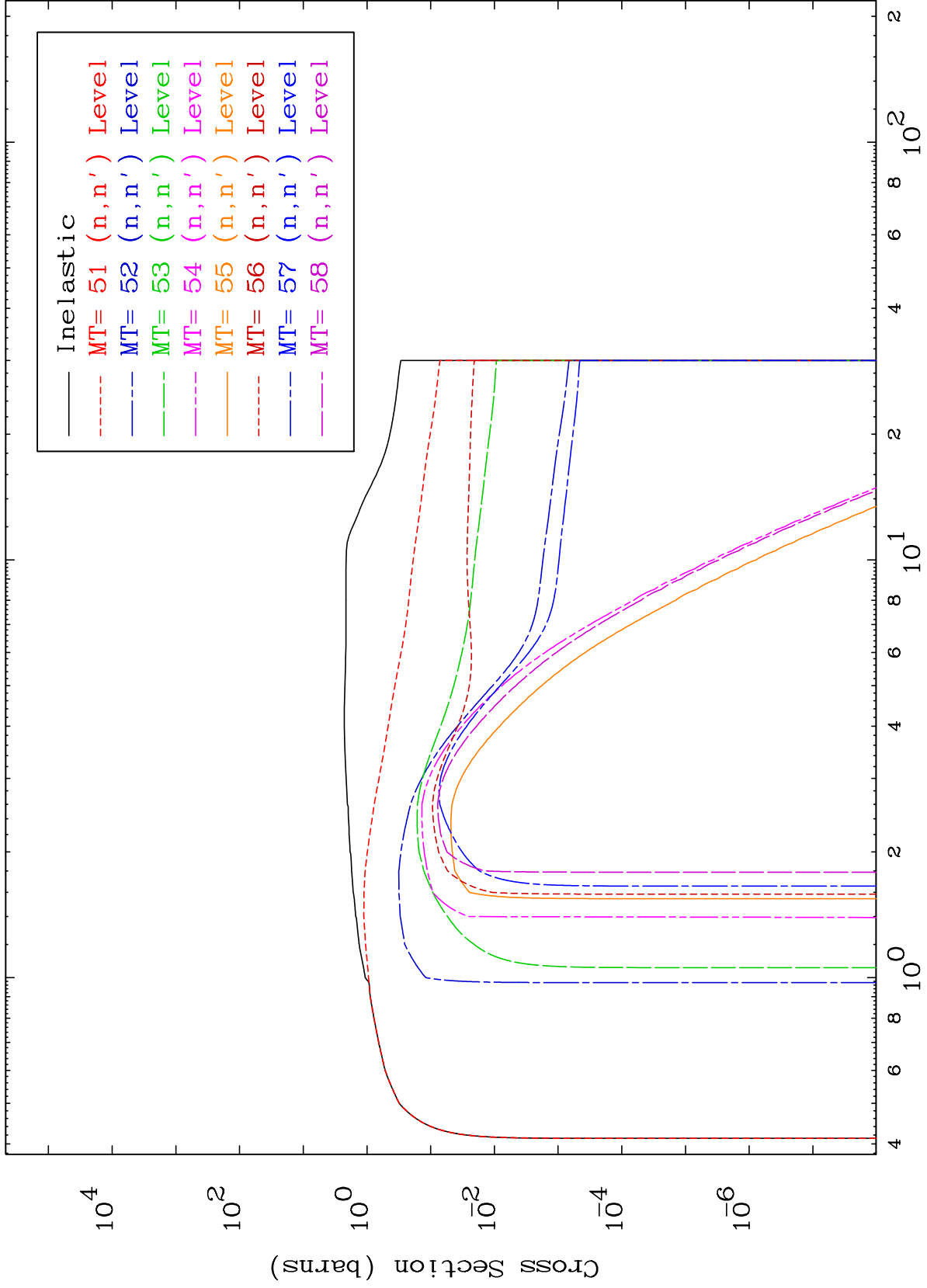
58-Ce-134

MAT 5819

(n,n') Levels

58-Ce-134

293 Kelvin Cross Sections



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Incident Energy (MeV)

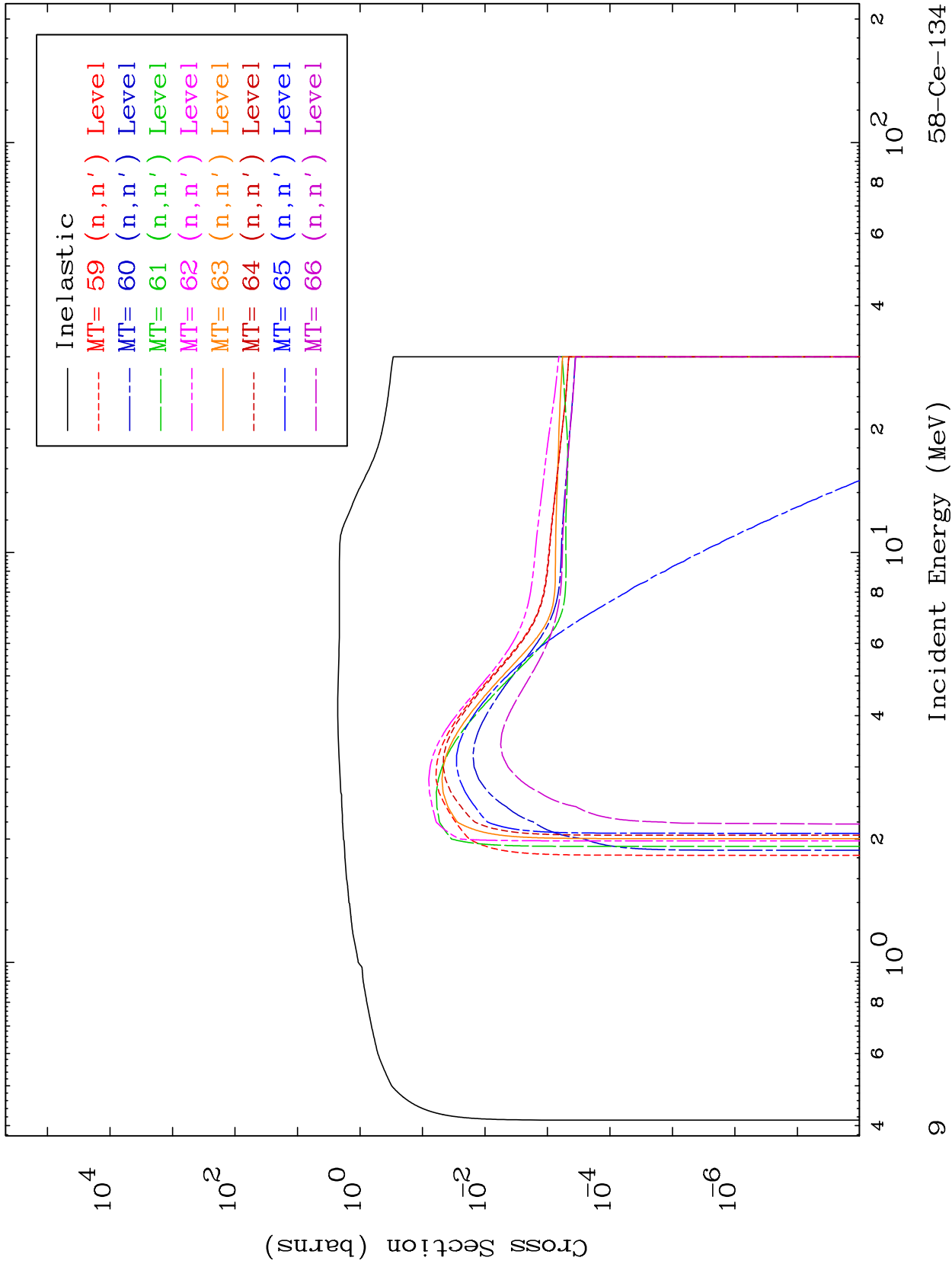
58-Ce-134

MAT 5819

(n,n') Levels

58-Ce-134

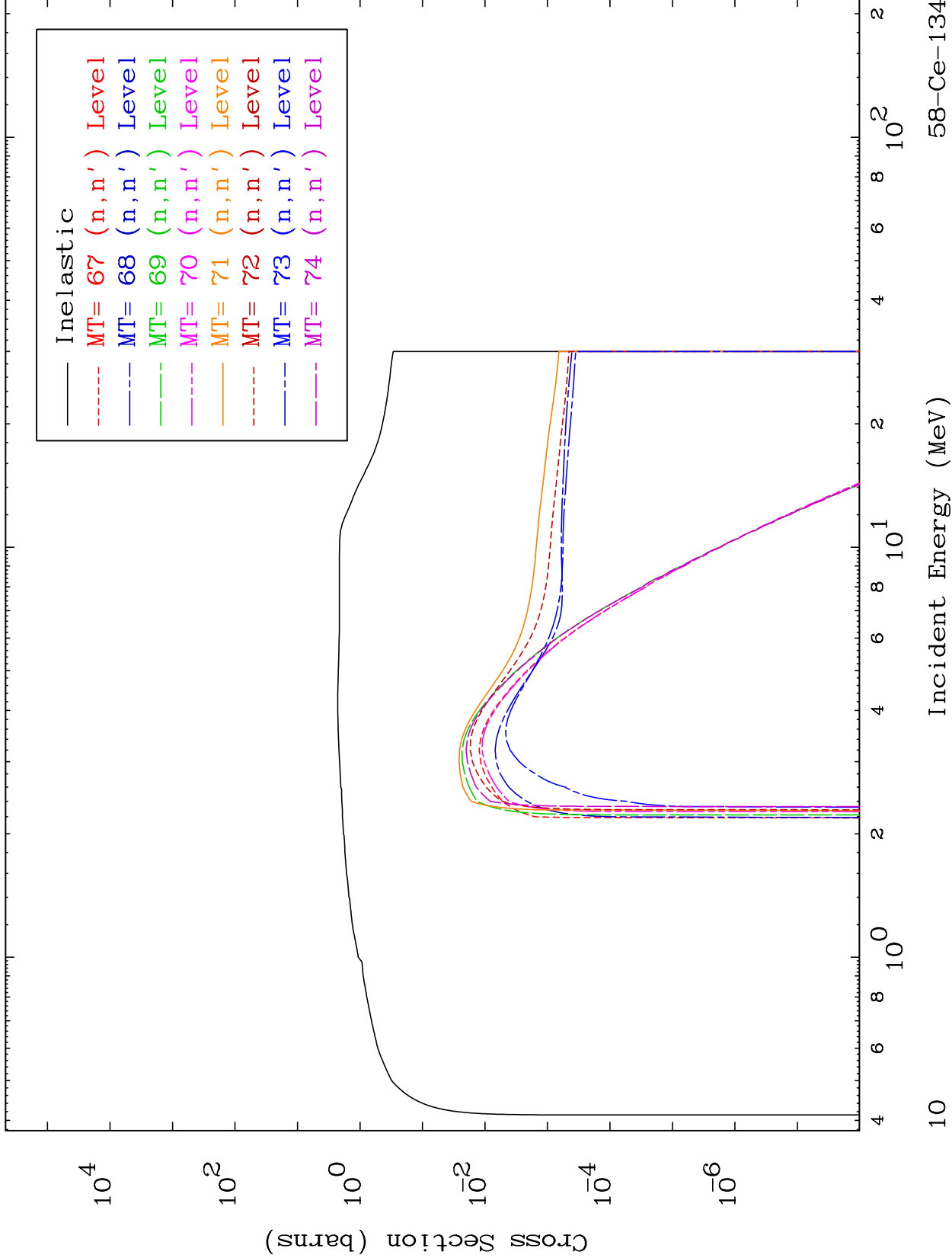
293 Kelvin Cross Sections



MAT 5819

(n,n') Levels  
293 Kelvin Cross Sections

58-Ce-134



10

Incident Energy (MeV)

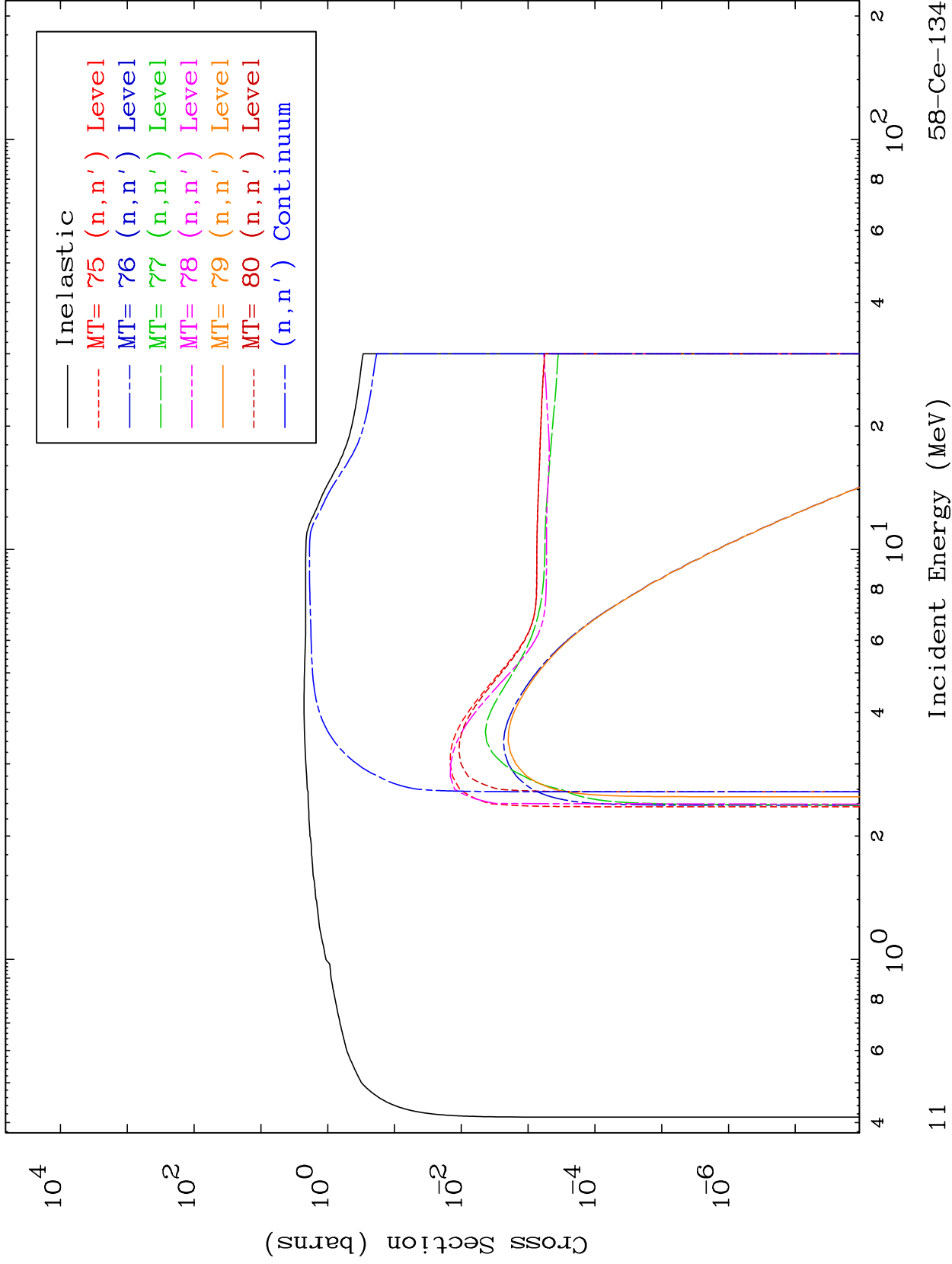
58-Ce-134

MAT 5819

(n,n') Levels

58-Ce-134

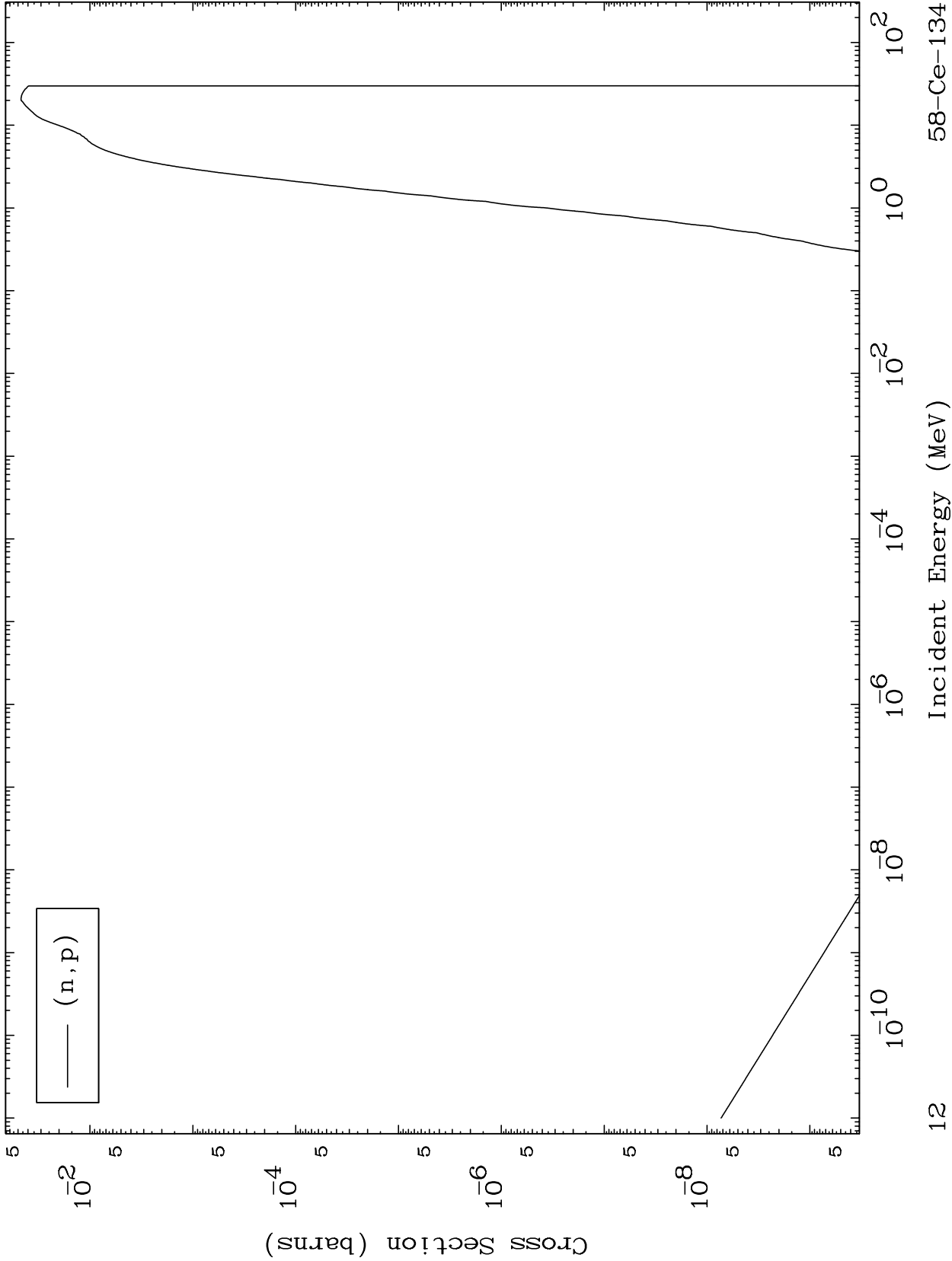
293 Kelvin Cross Sections



MAT 5819

(n,p) Levels  
293 Kelvin Cross Sections

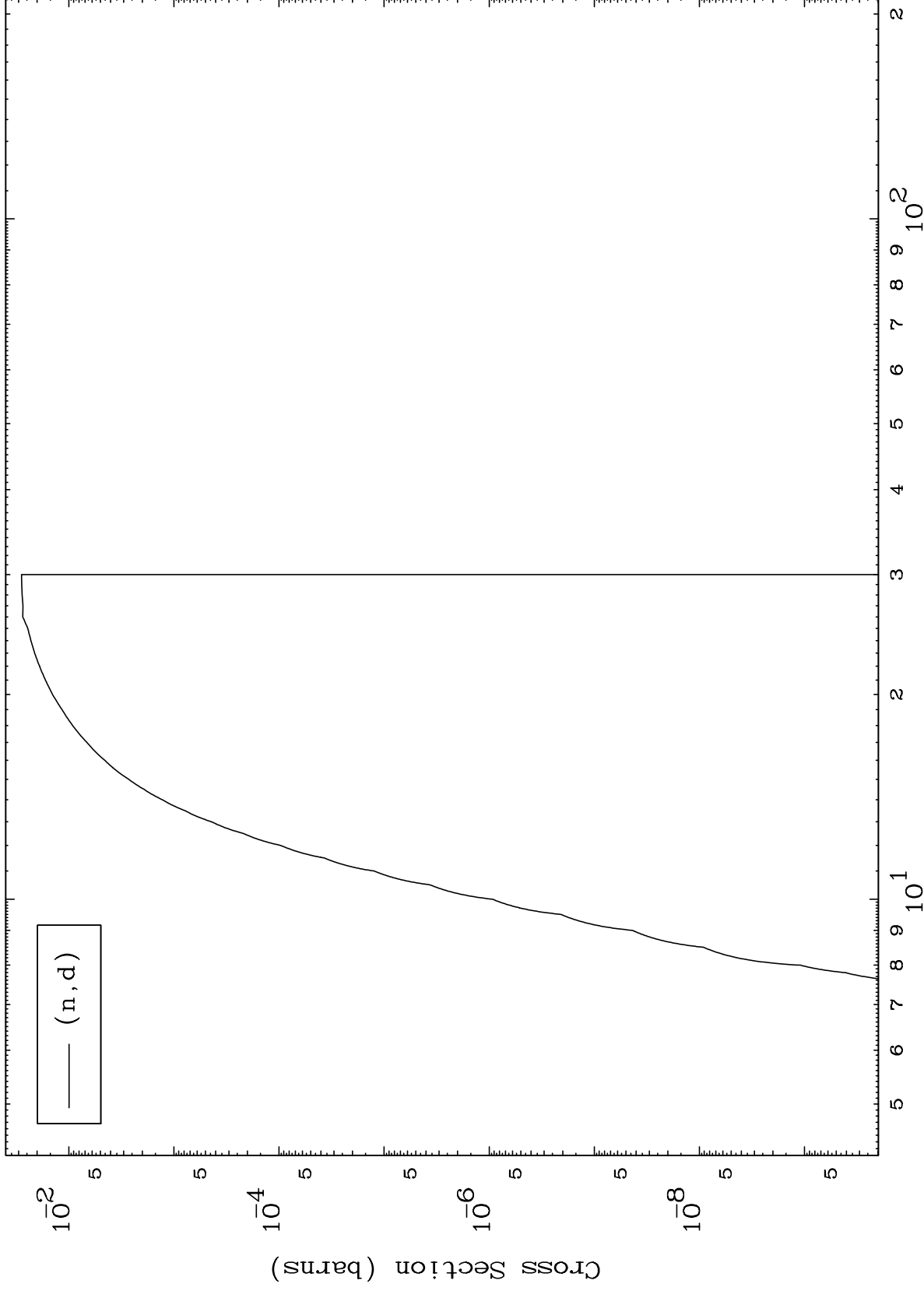
58-Ce-134



MAT 5819

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-134



13

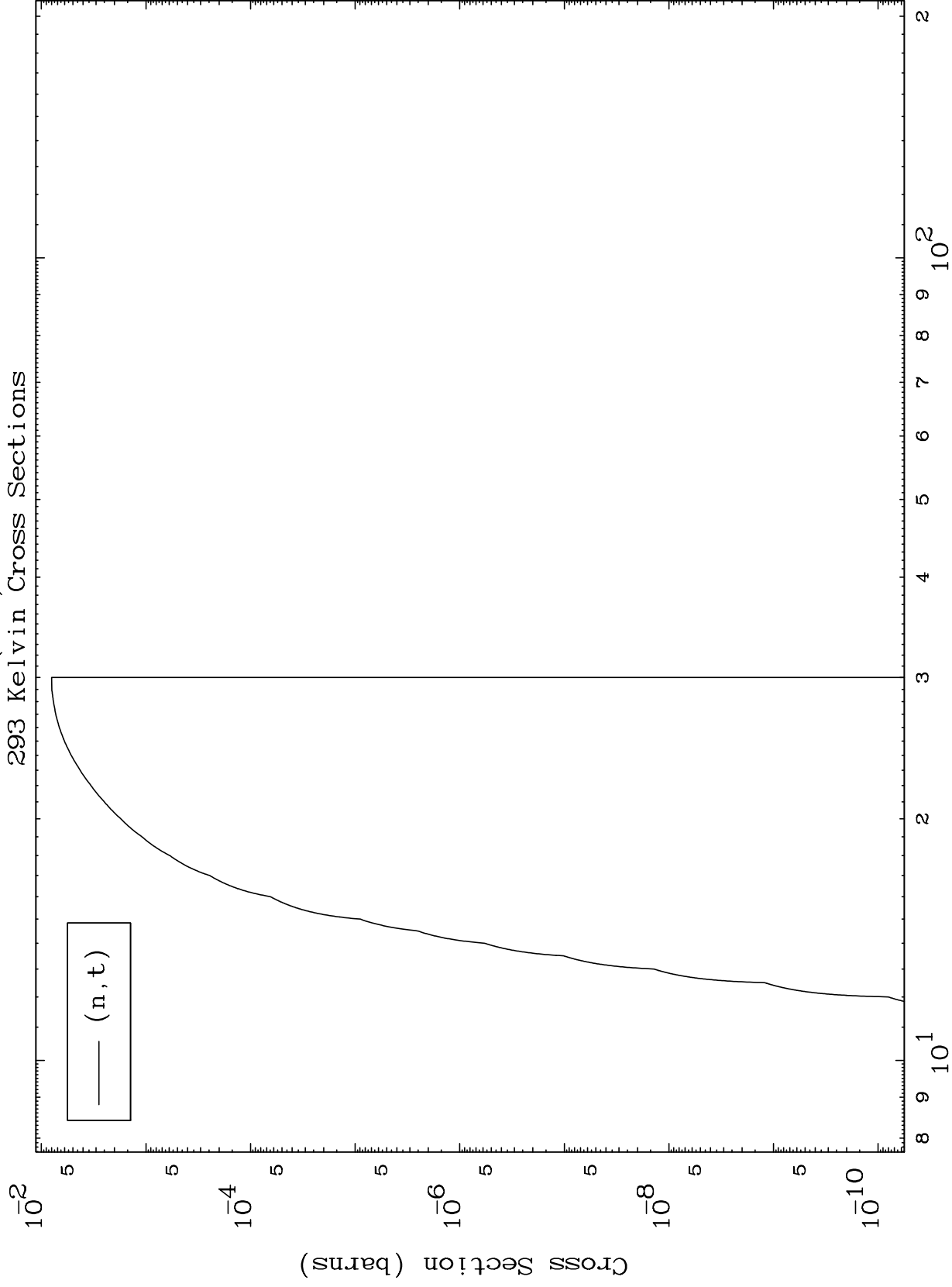
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-134



14

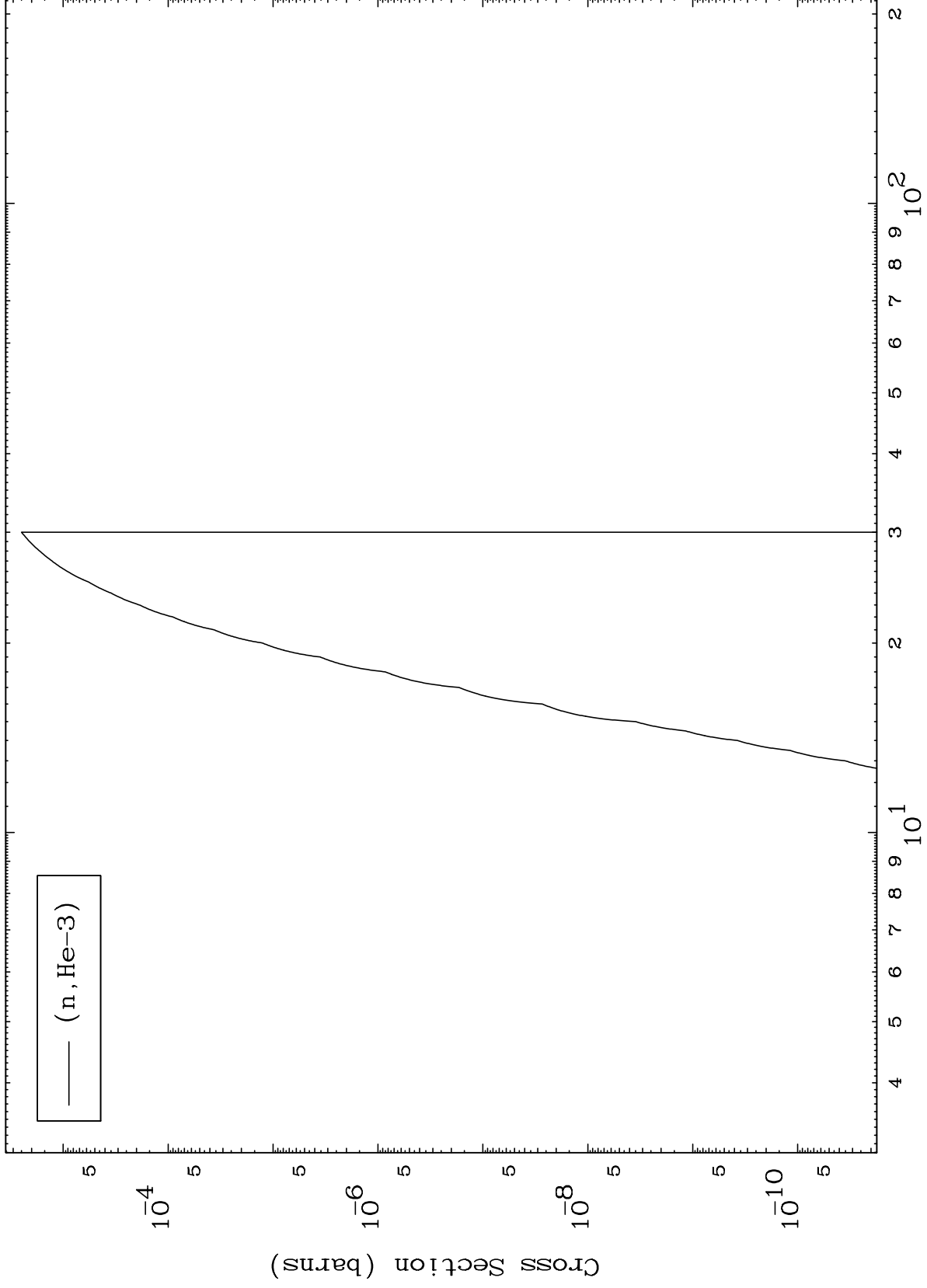
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-134



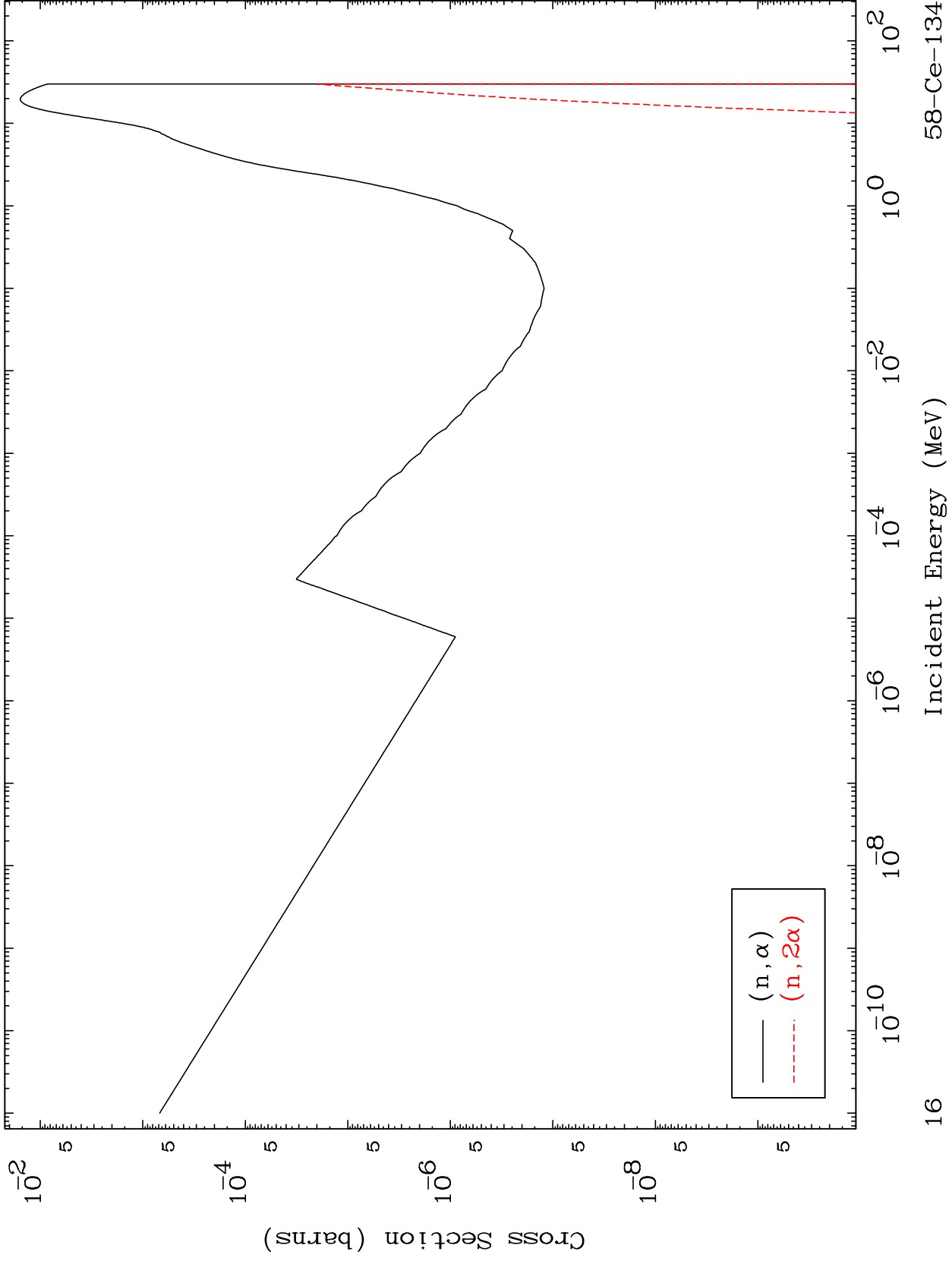
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58-Ce-134

MAT 5819

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

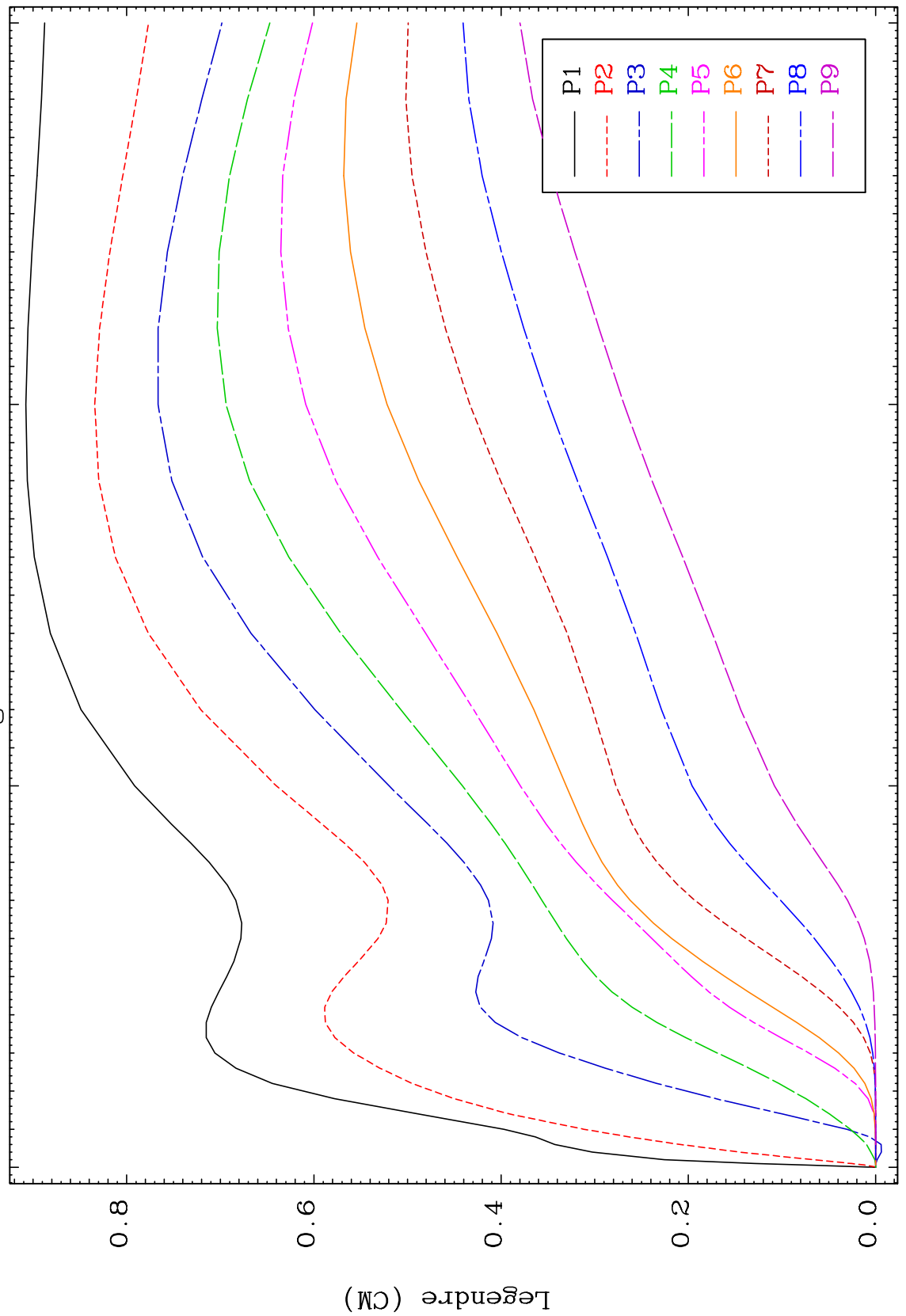
58-Ce-134



MAT 5819

Elastic Legendre Coefficients

58-Ce-134



17

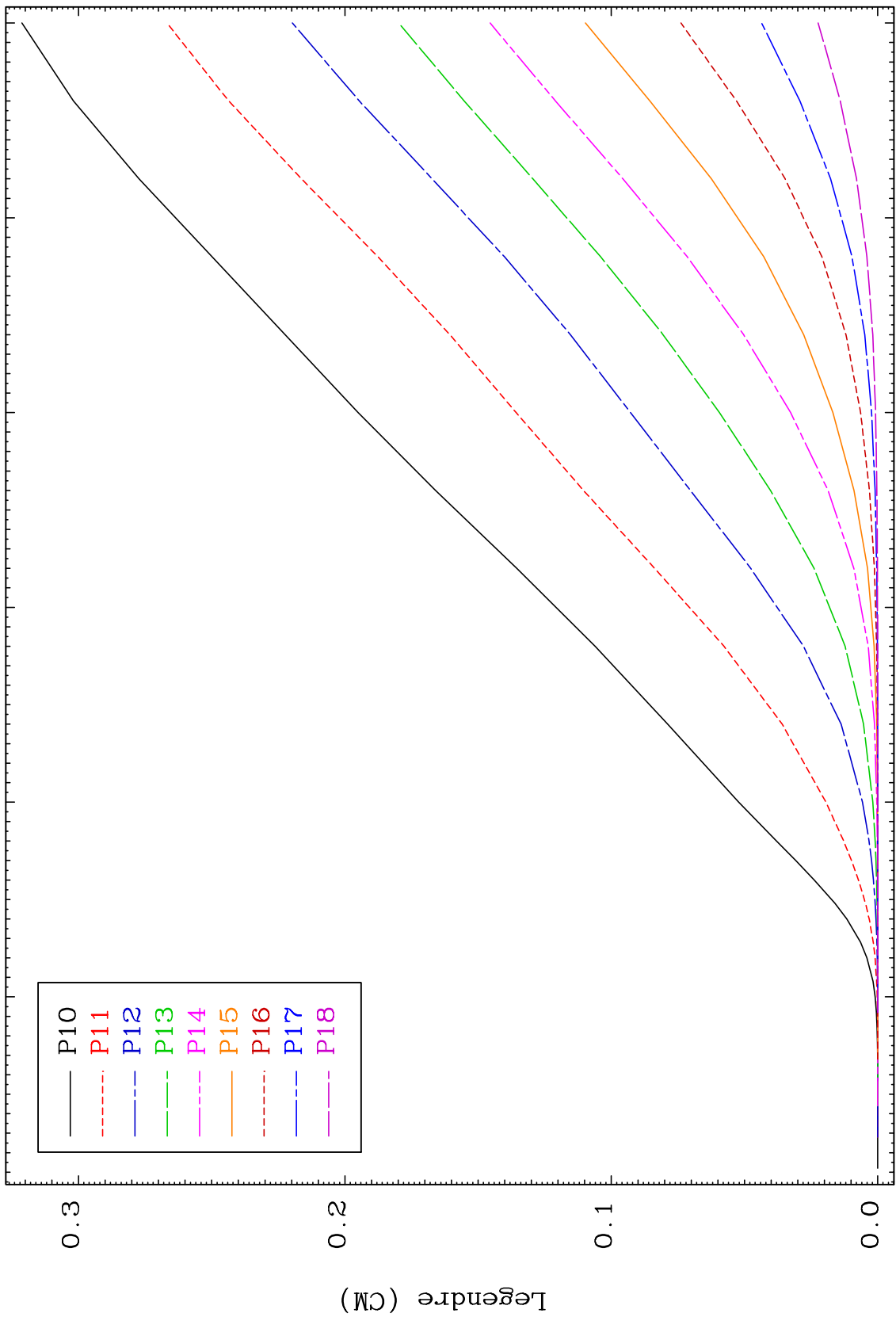
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



18

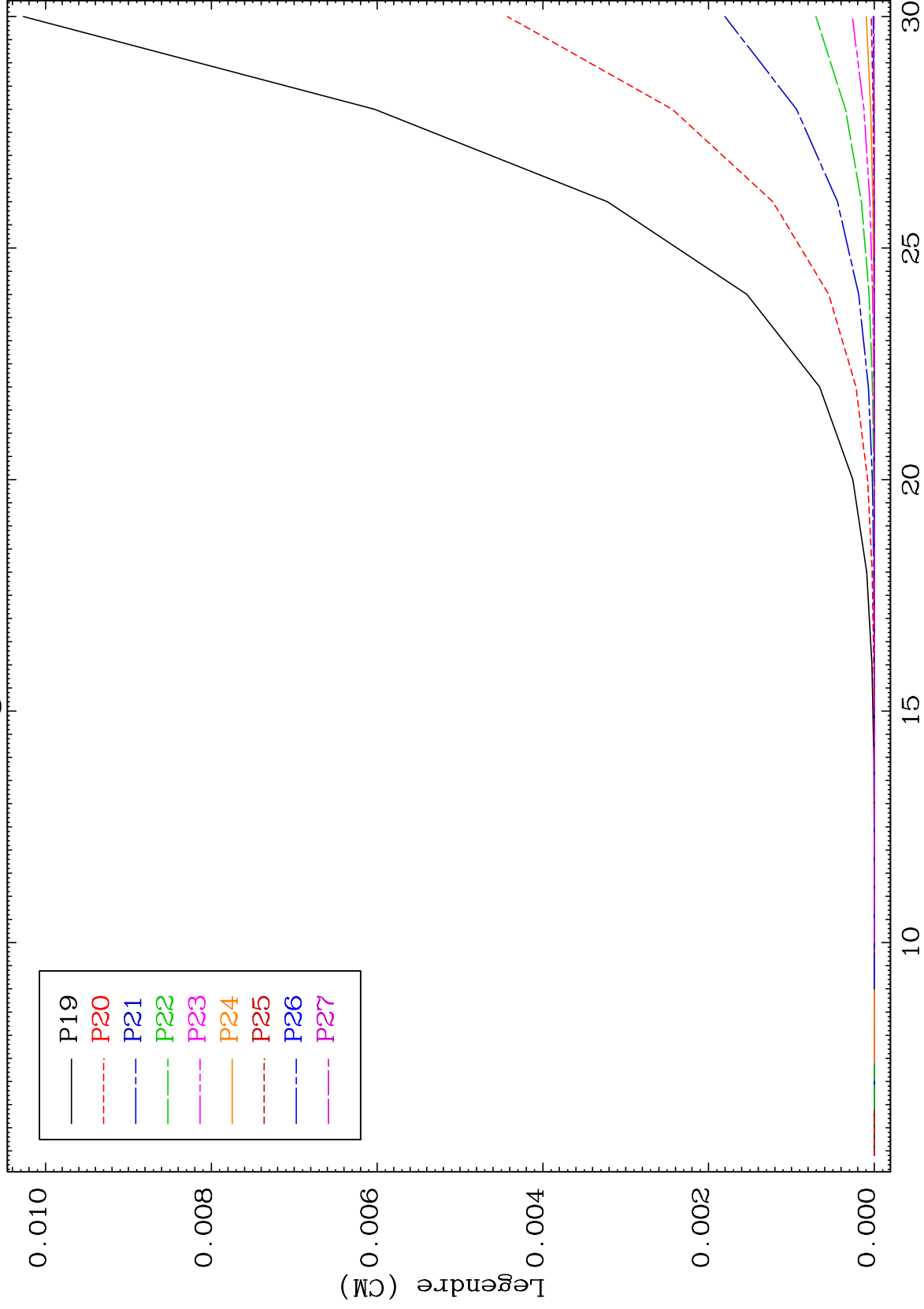
Incident Energy (MeV)

58-Ce-134

MAT 5819

### Elastic Legendre Coefficients

58-Ce-134



19

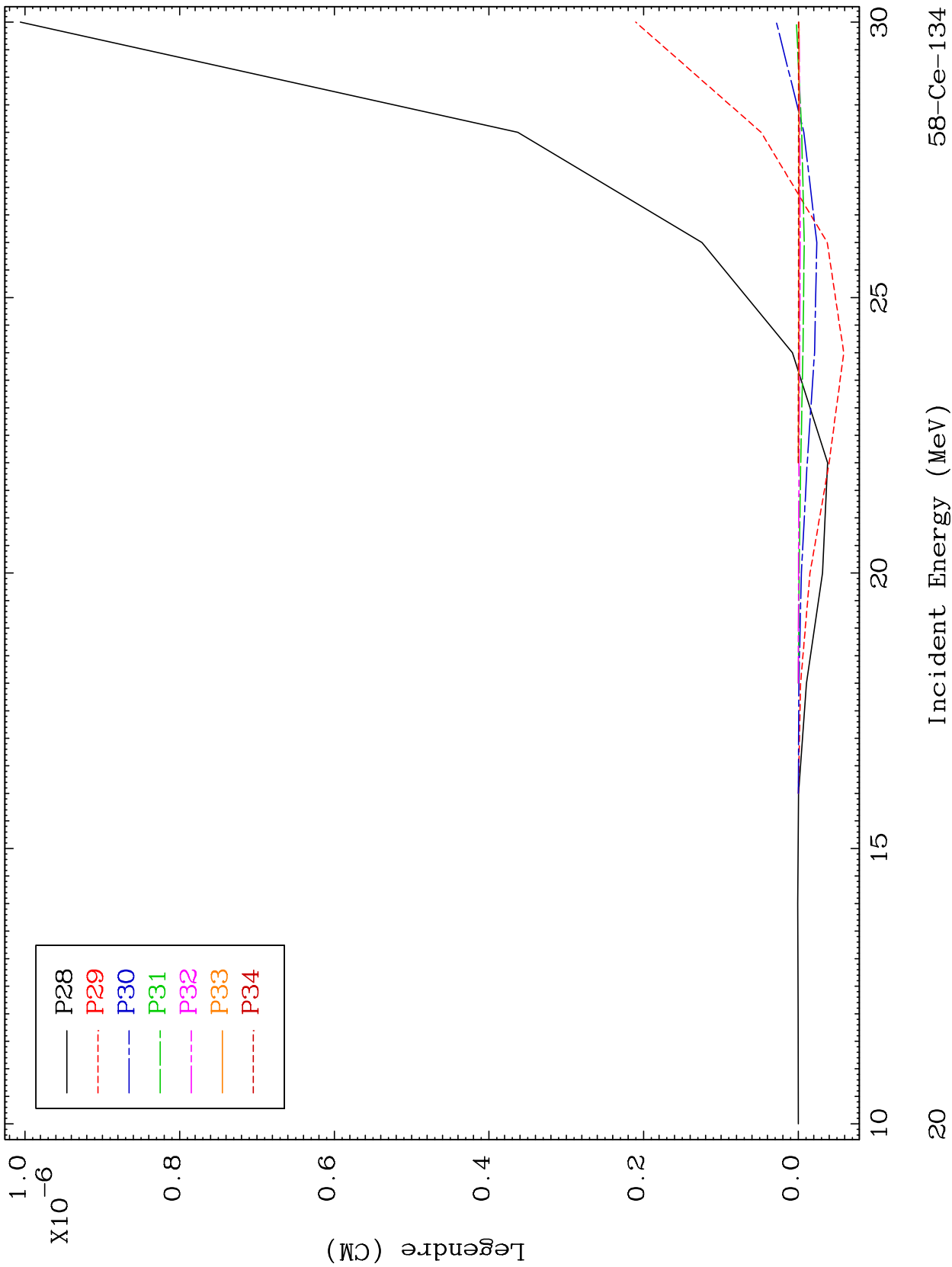
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic  
Legendre Coefficients

58-Ce-134



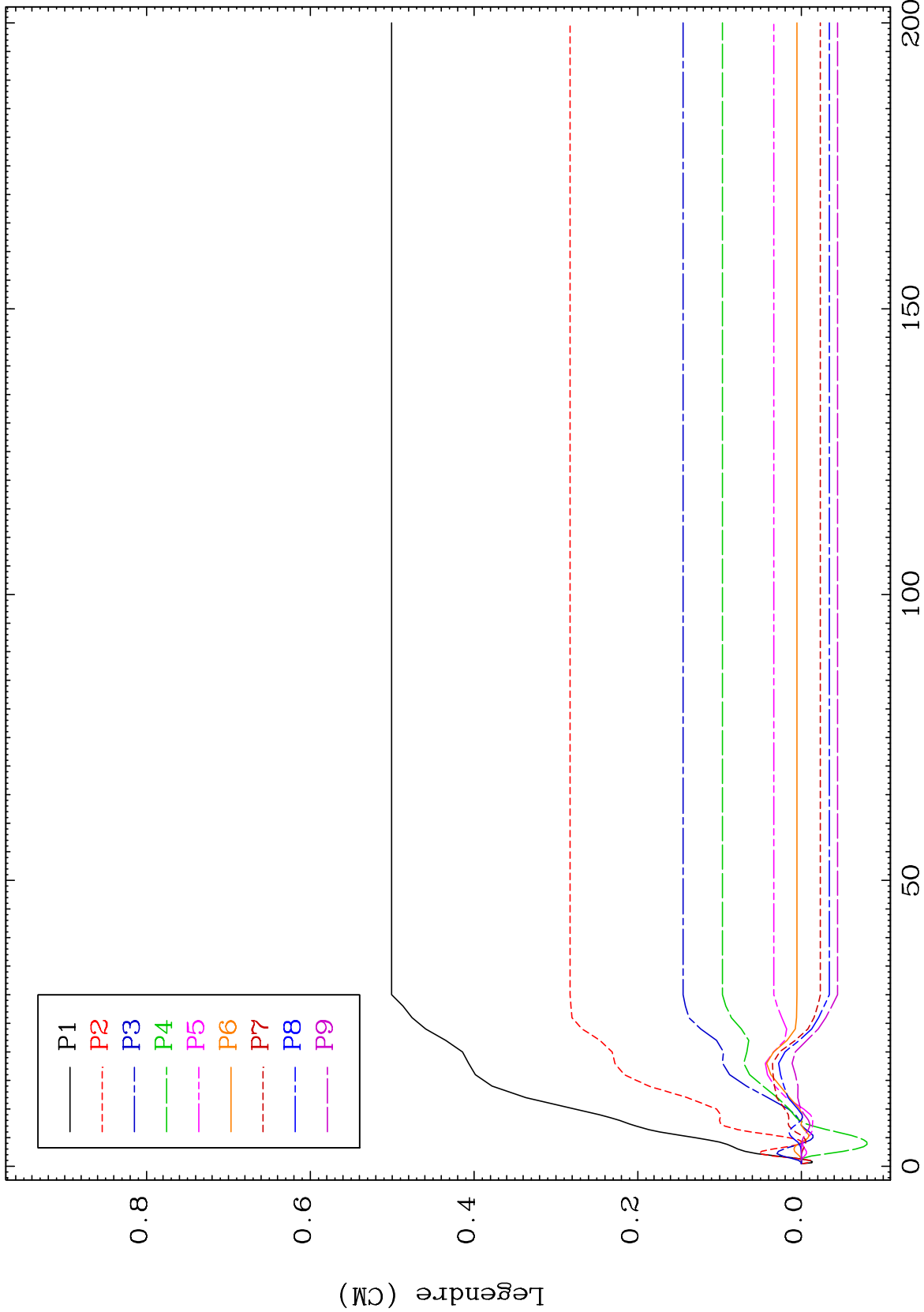
58-Ce-134

Incident Energy (MeV)

MAT 5819

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

58-Ce-134



21

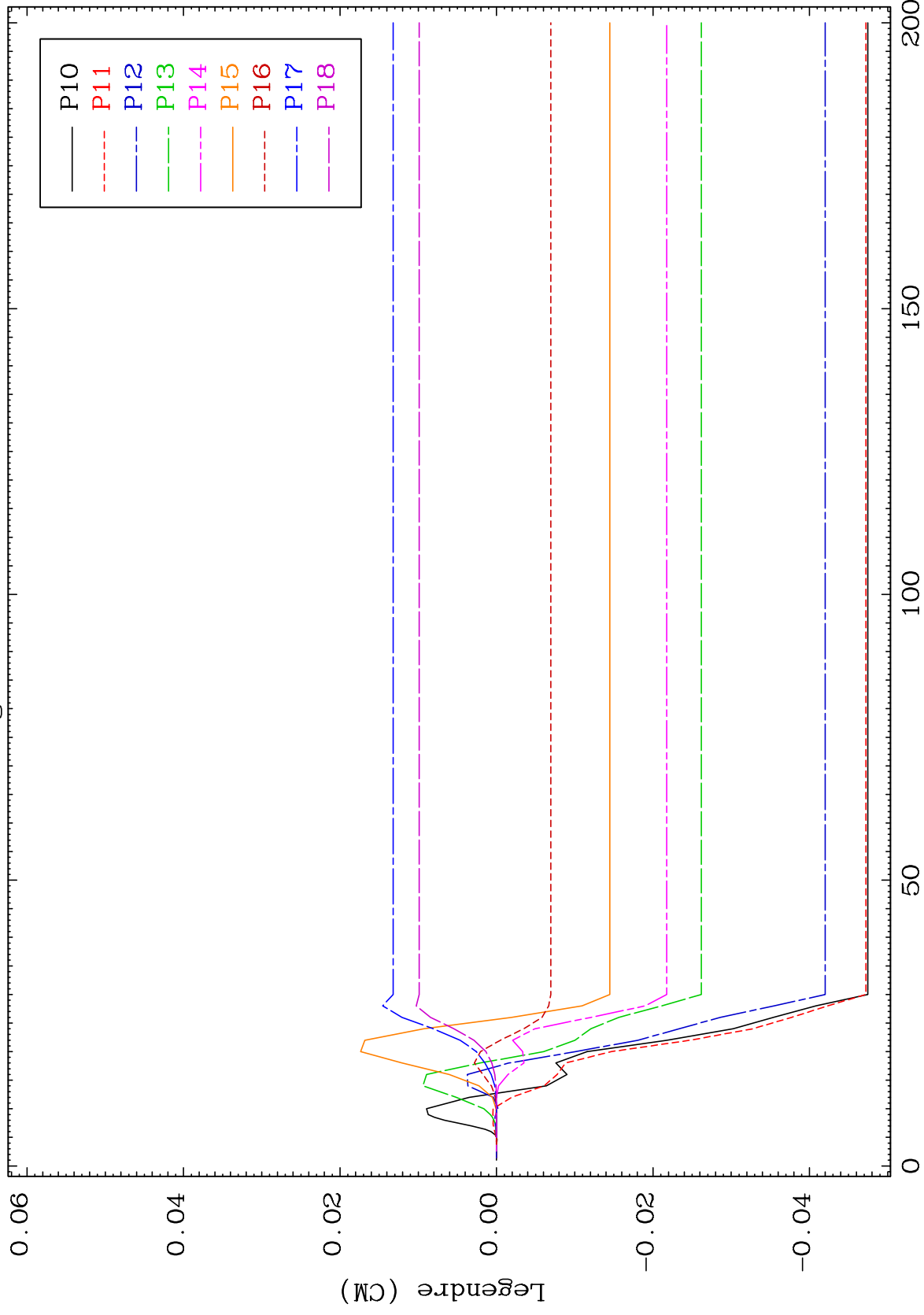
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



22

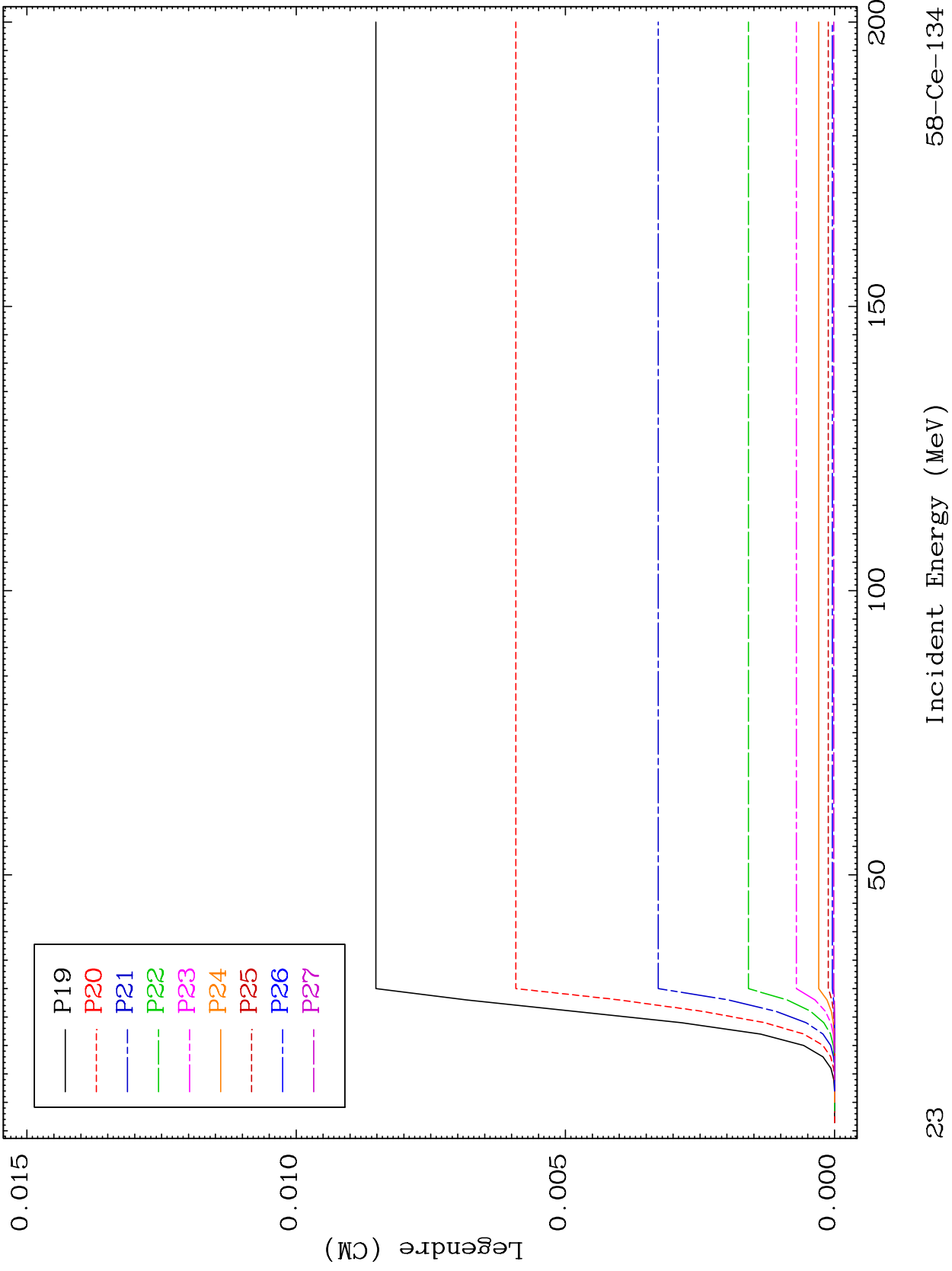
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



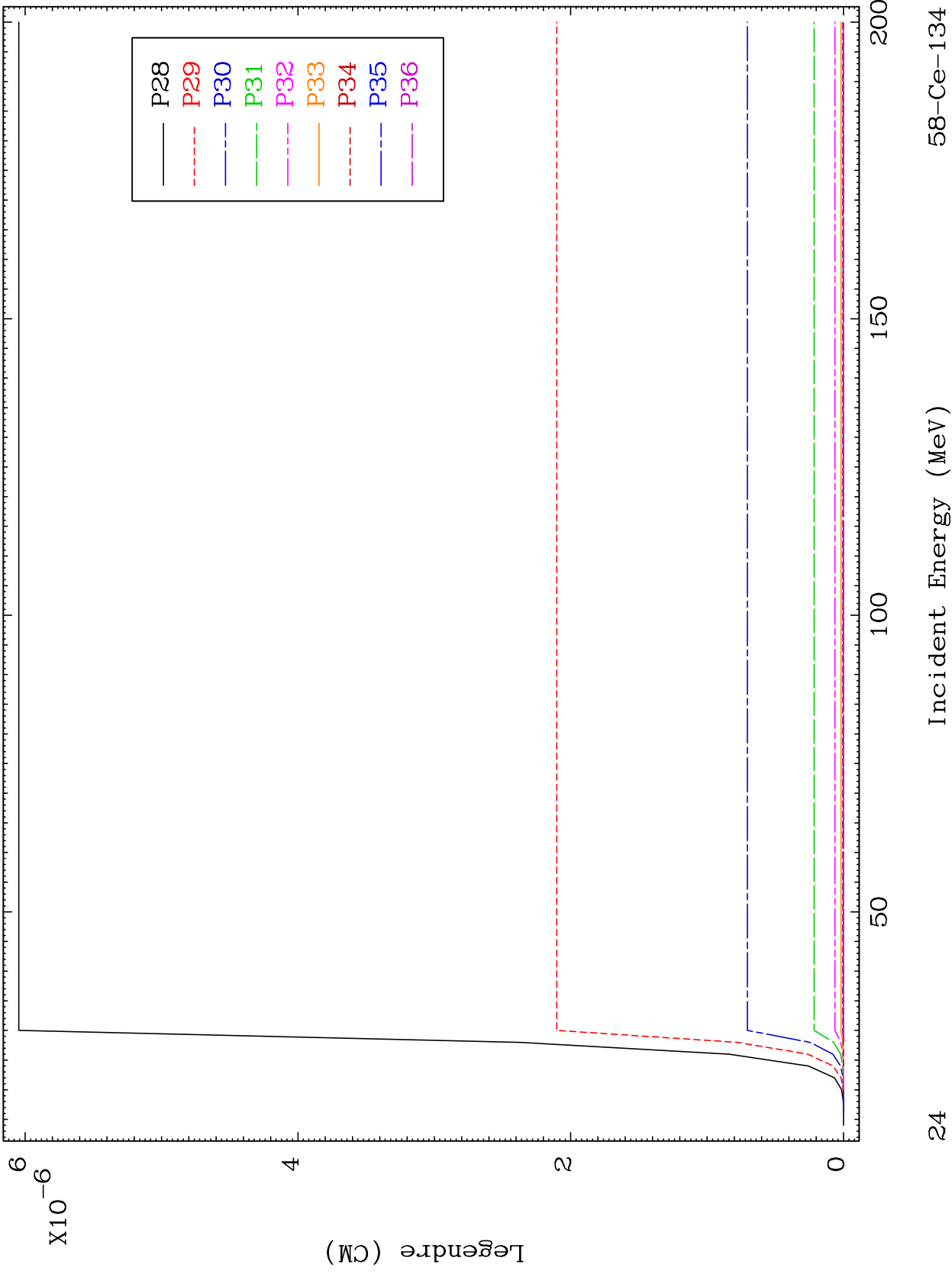
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58-Ce-134

MAT 5819

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

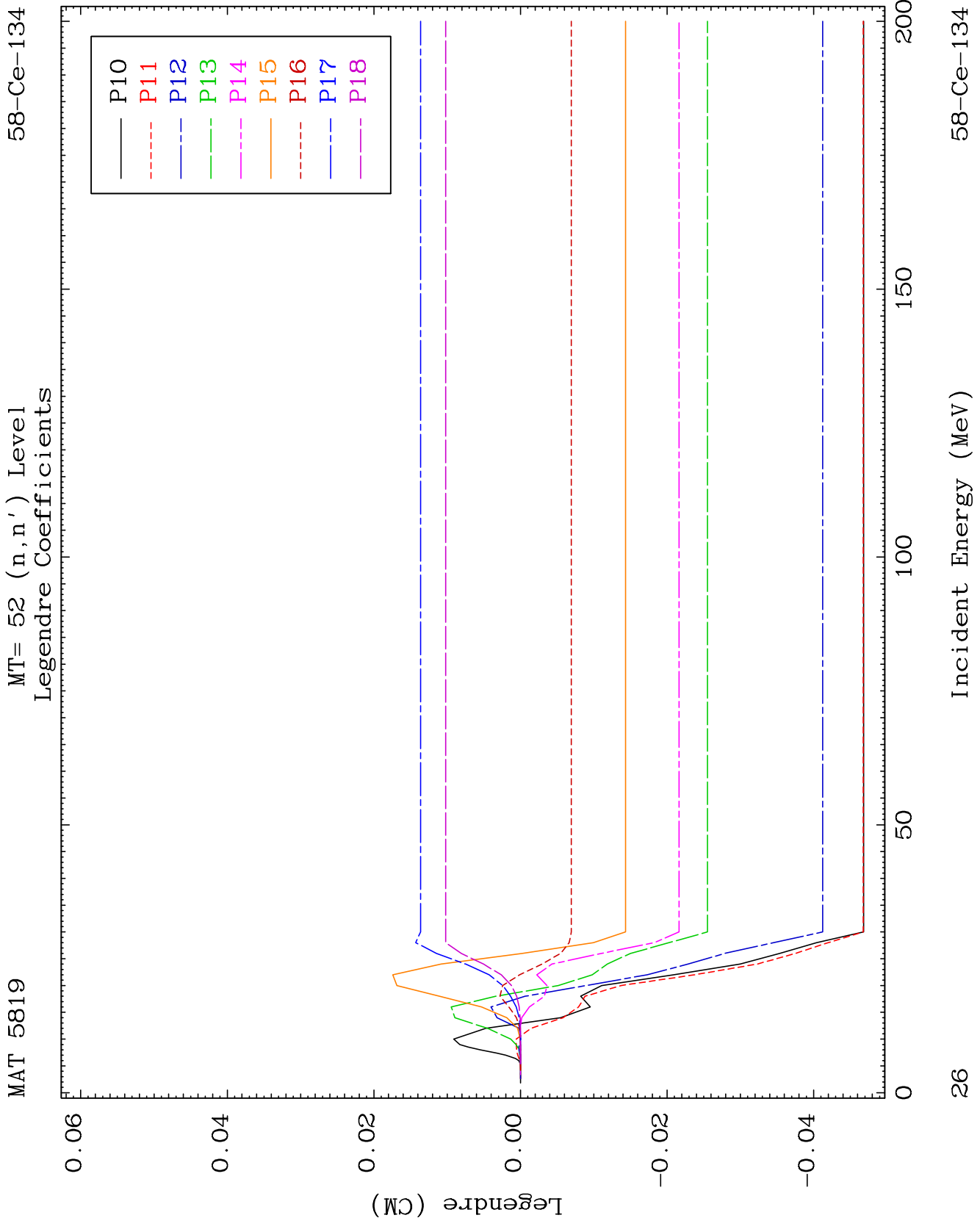
58-Ce-134



24

58-Ce-134

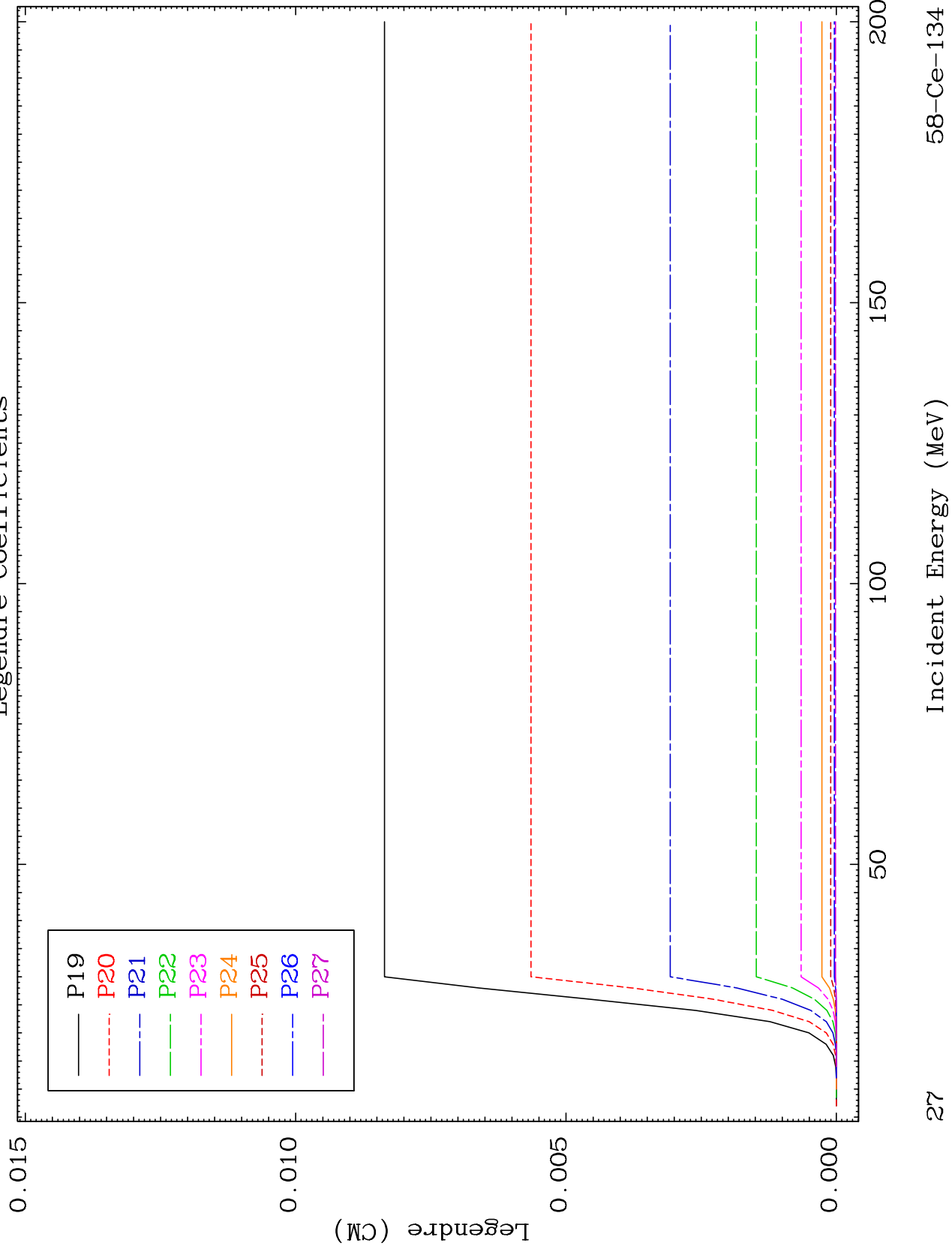




MAT 5819

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

58-Ce-134



27

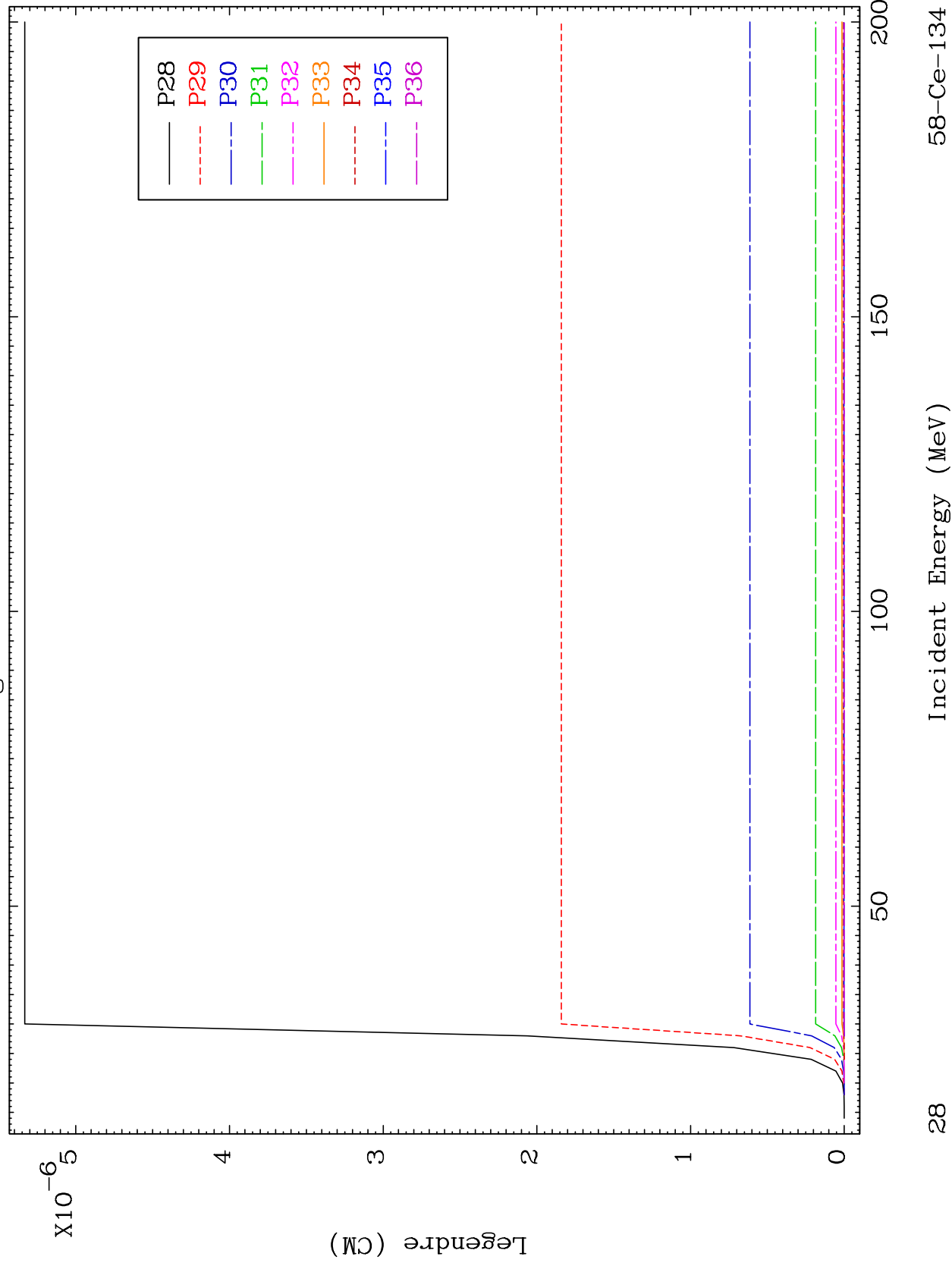
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

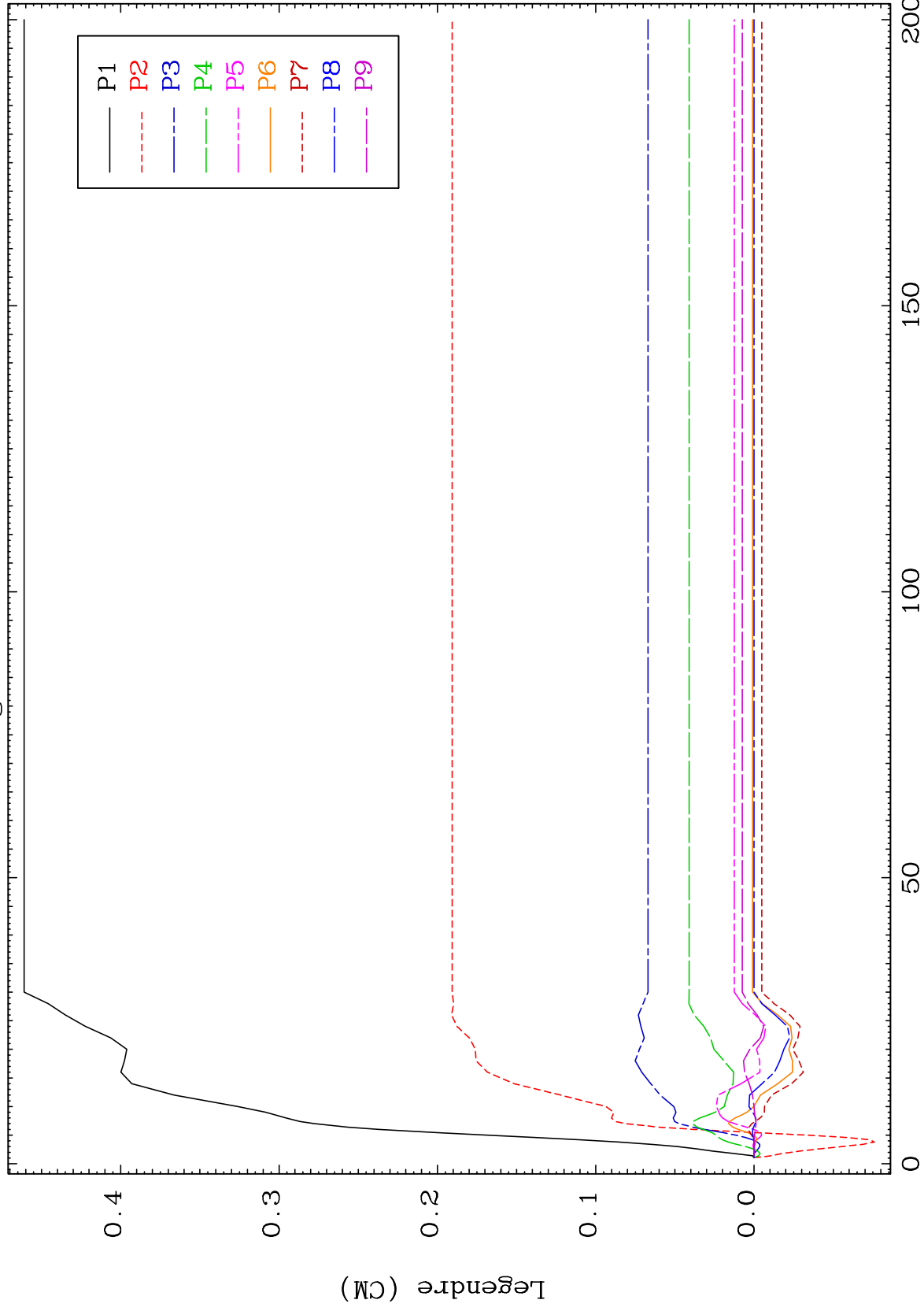
58-Ce-134



MAT 5819

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

58-Ce-134



29

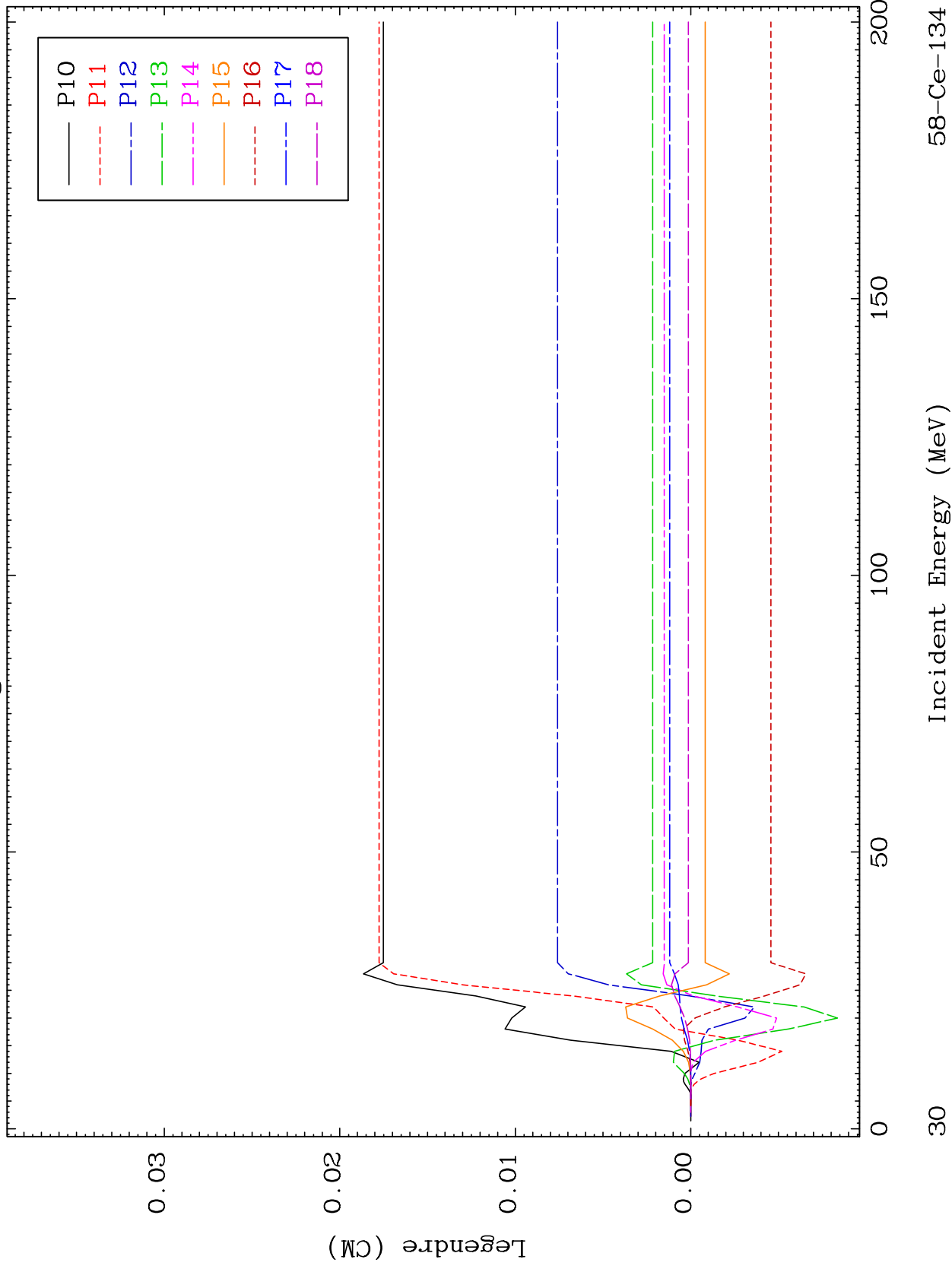
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

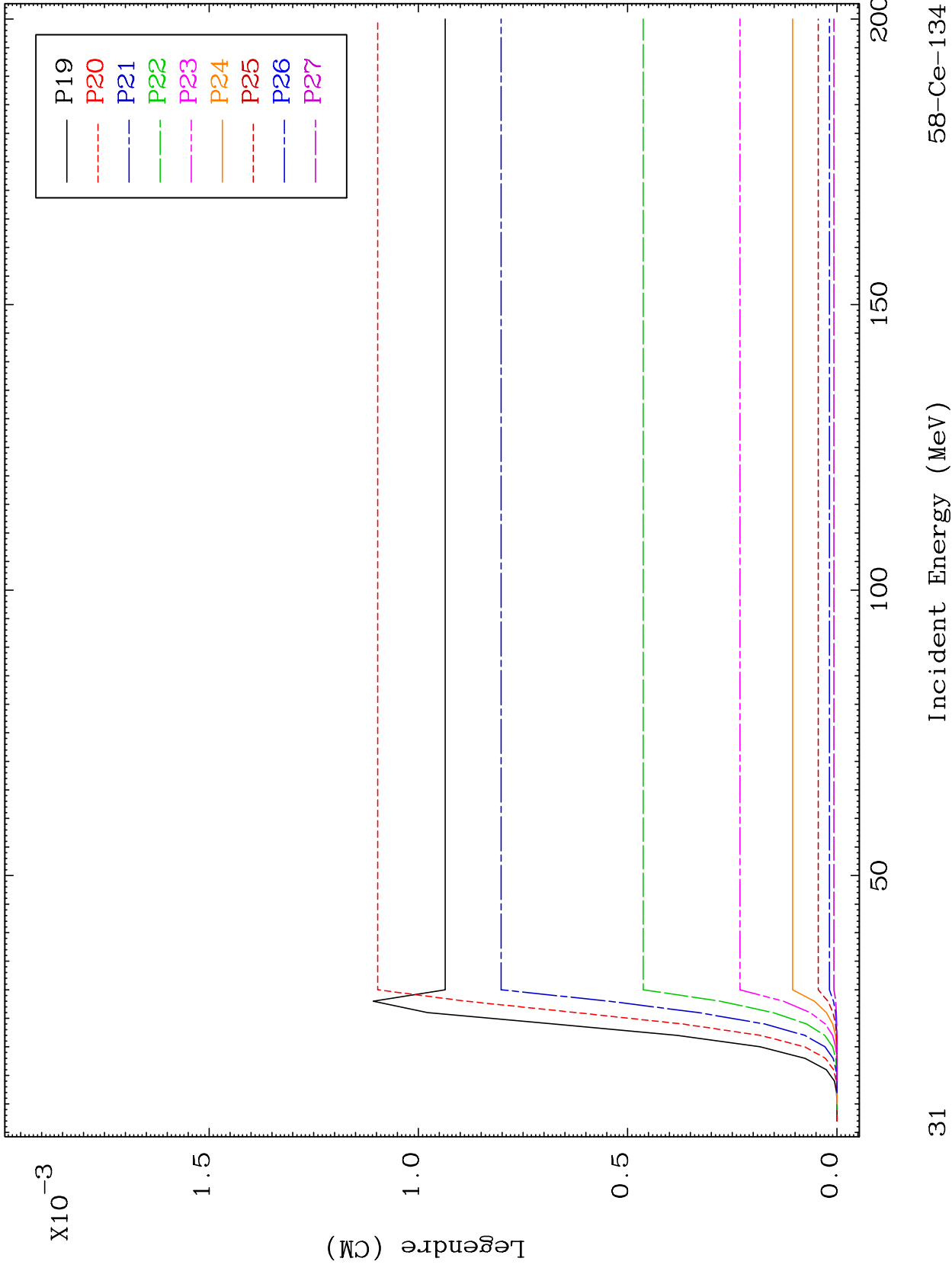


58-Ce-134

MAT 5819

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

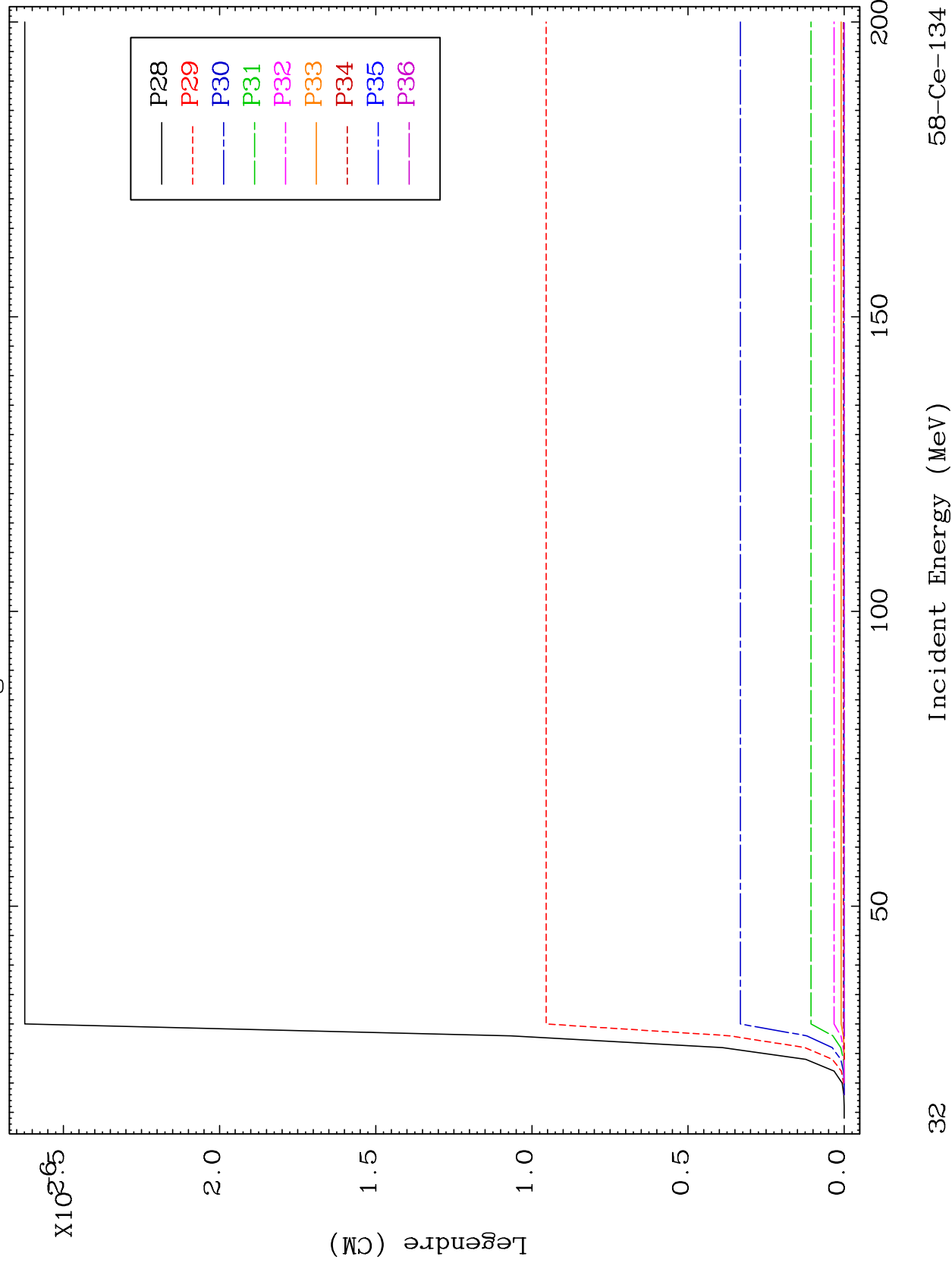
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MAT 5819

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

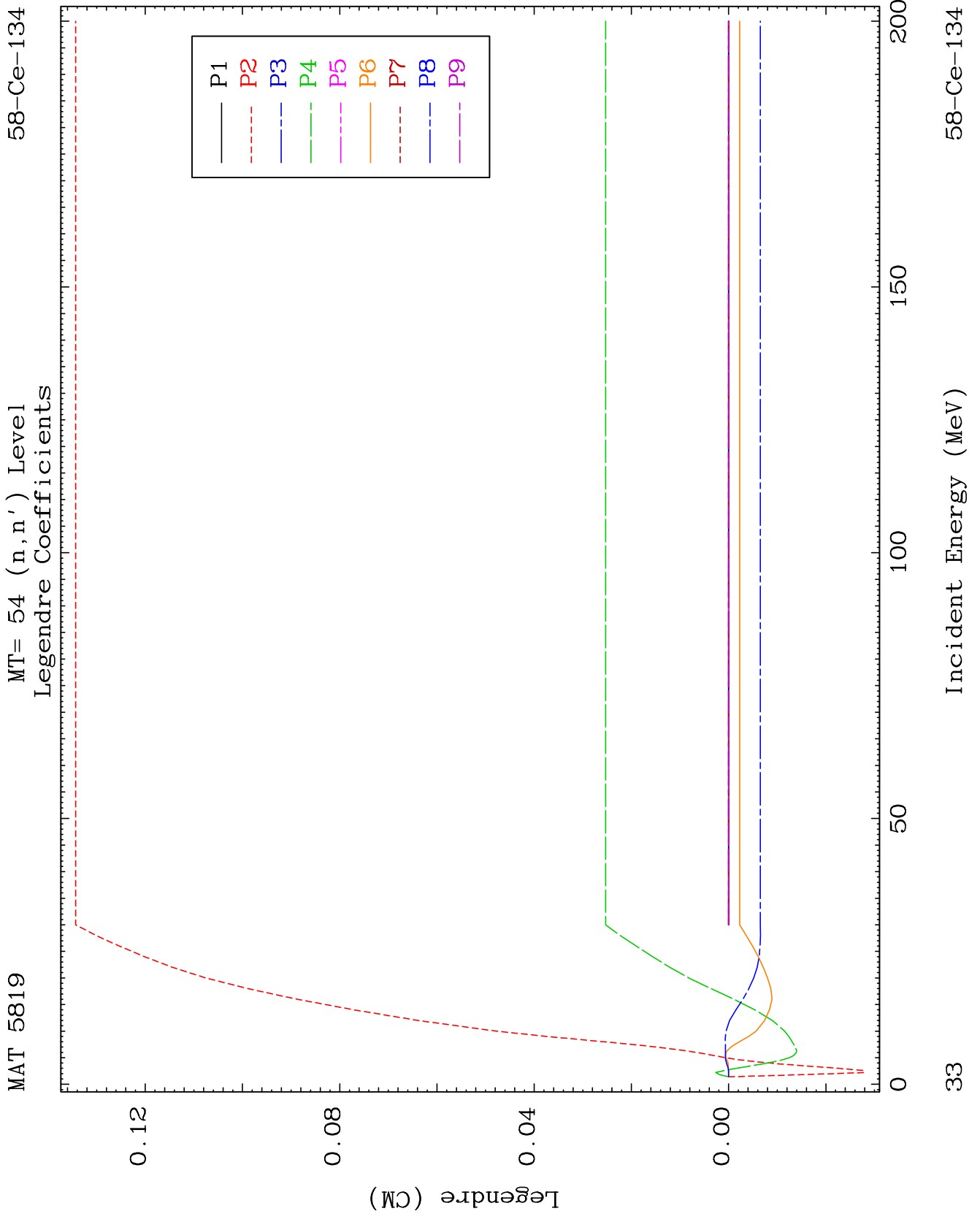
58-Ce-134



32

Incident Energy (MeV)

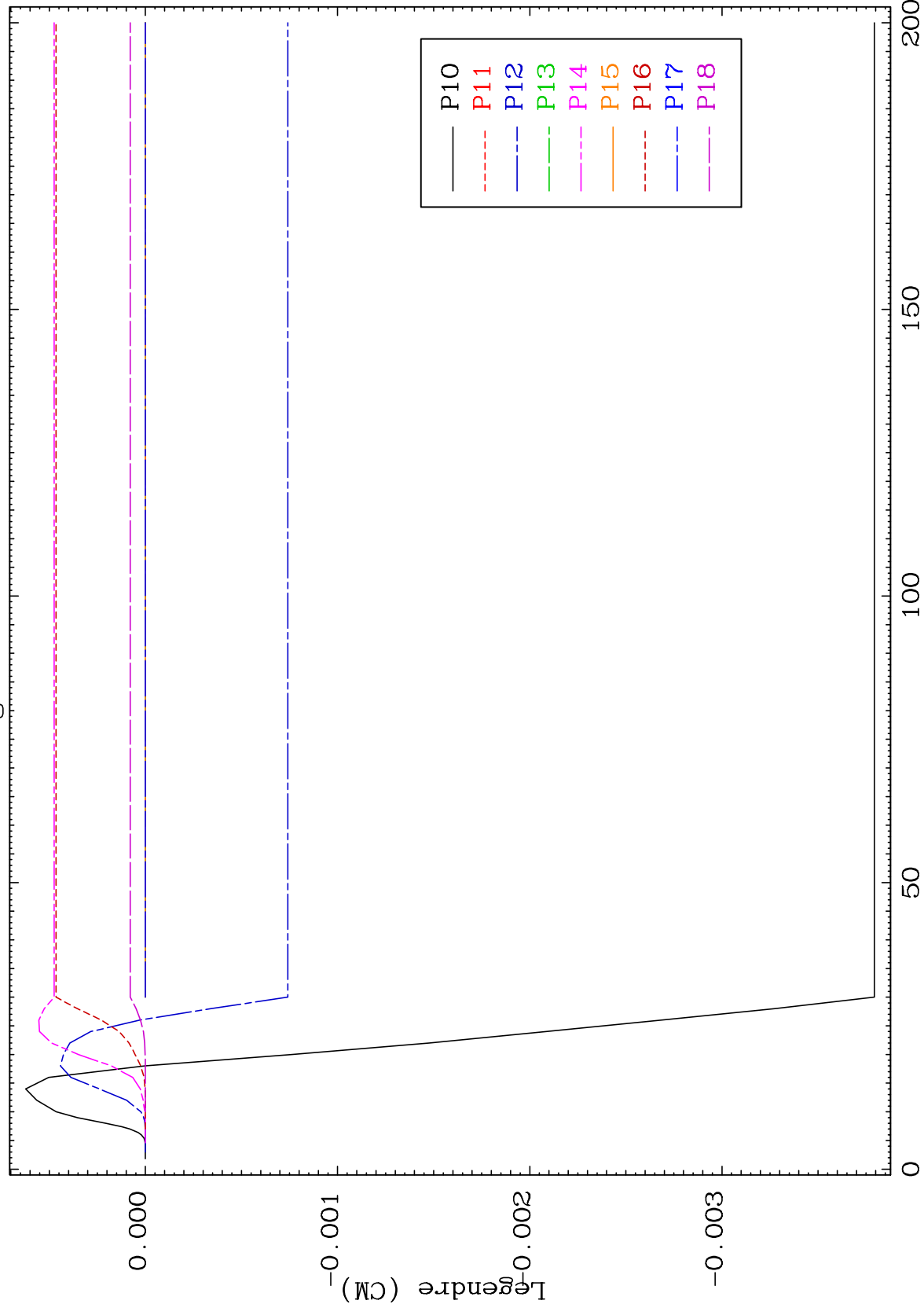
58-Ce-134



MAT 5819

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

58-Ce-134

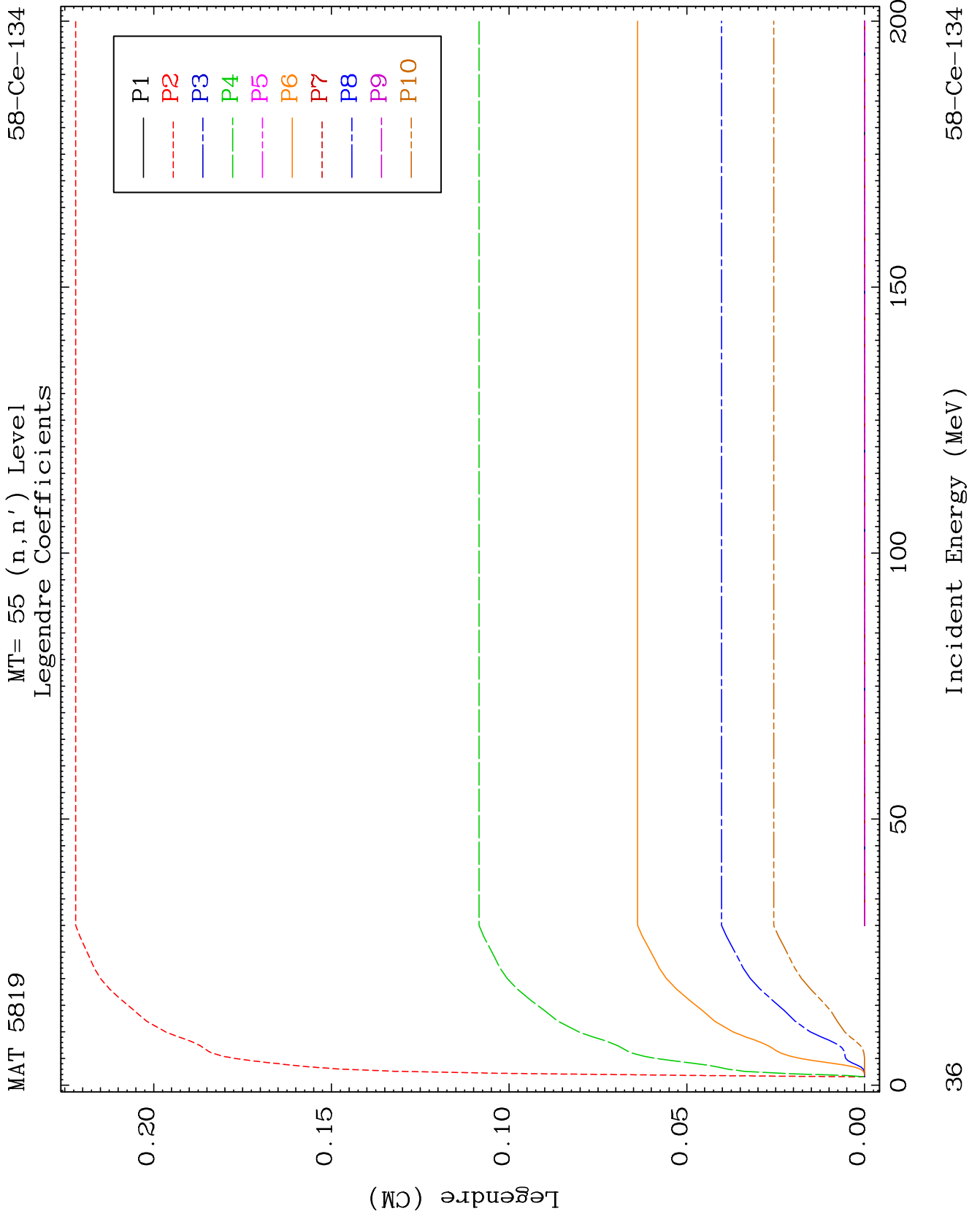


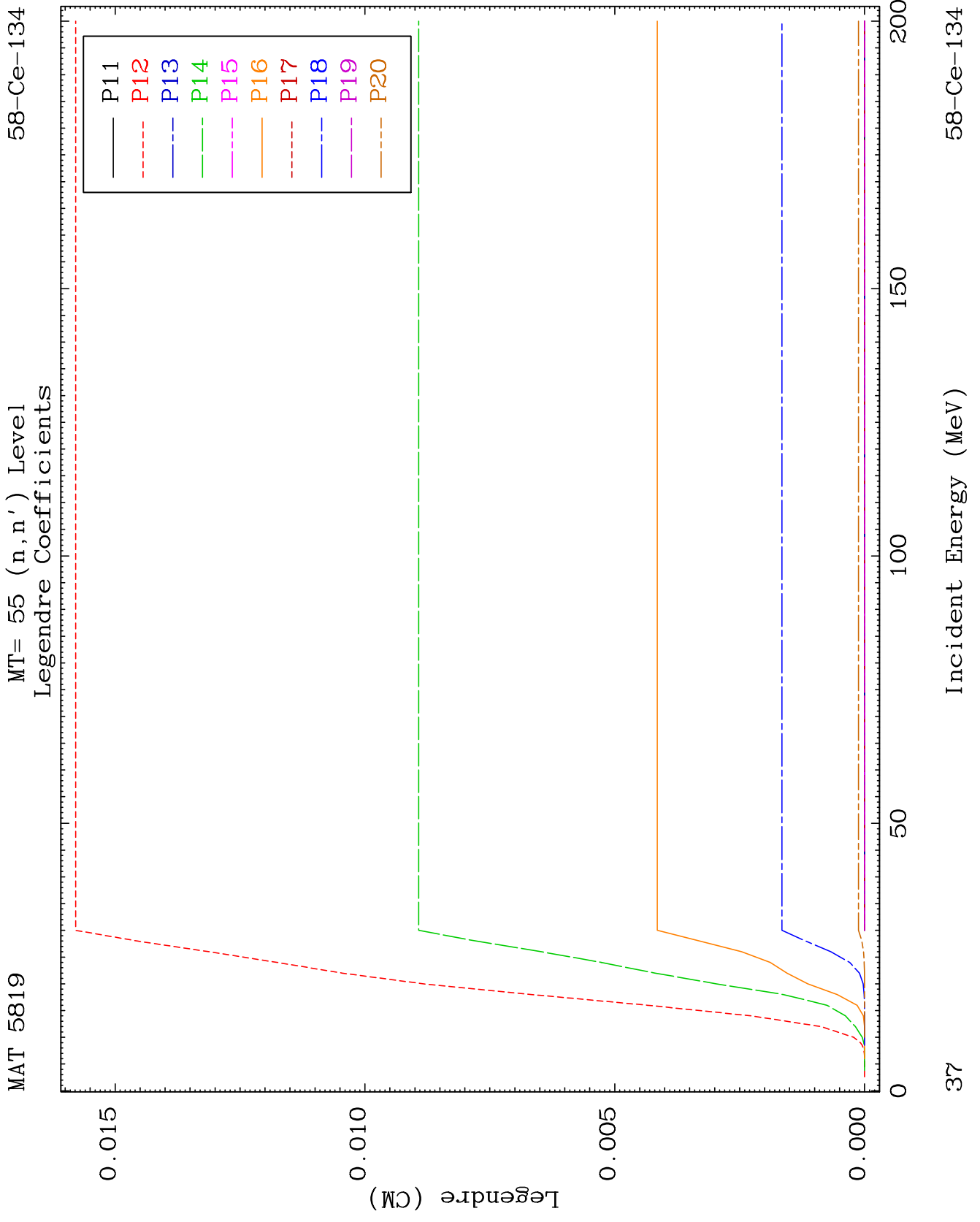
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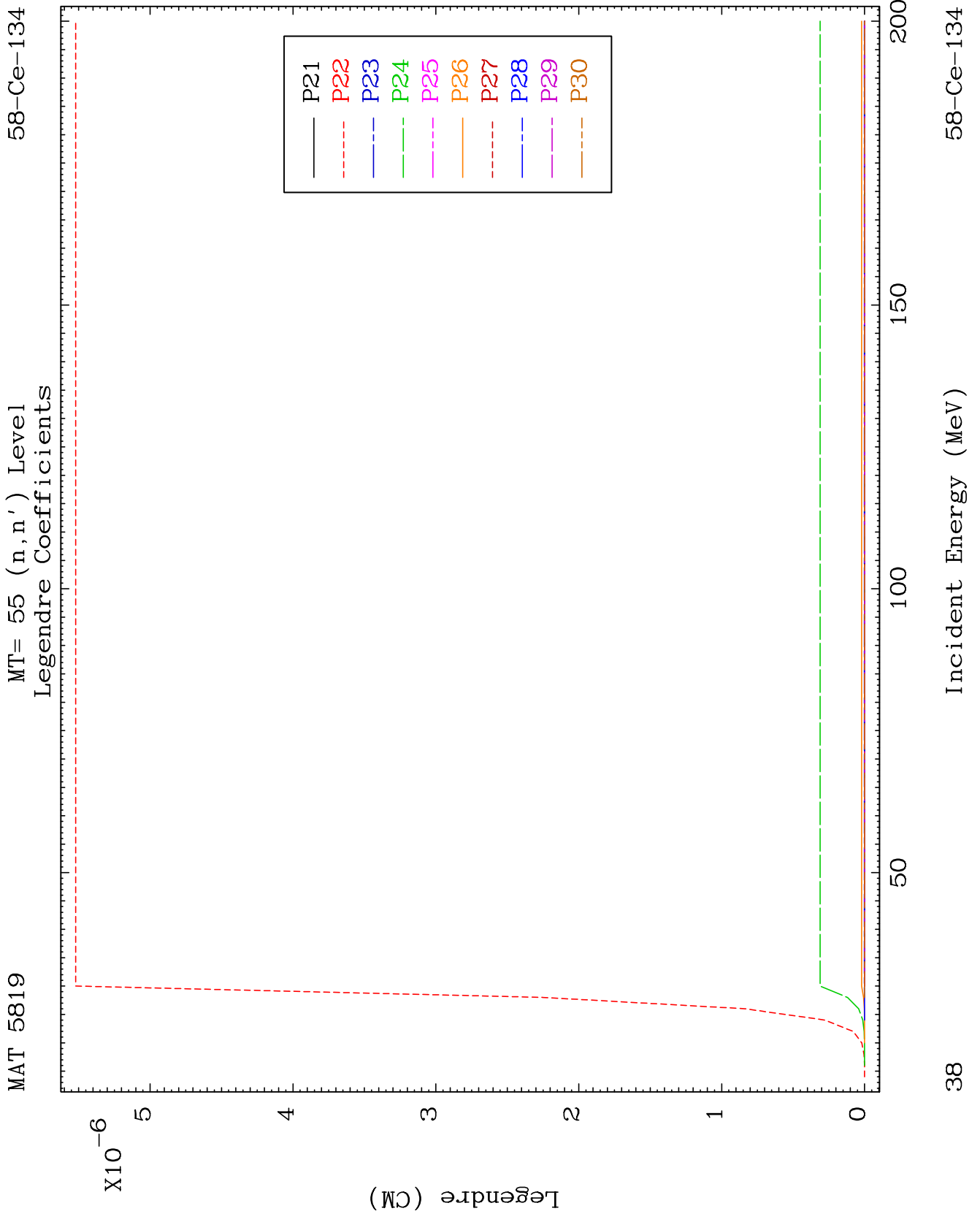
Incident Energy (MeV)

58-Ce-134





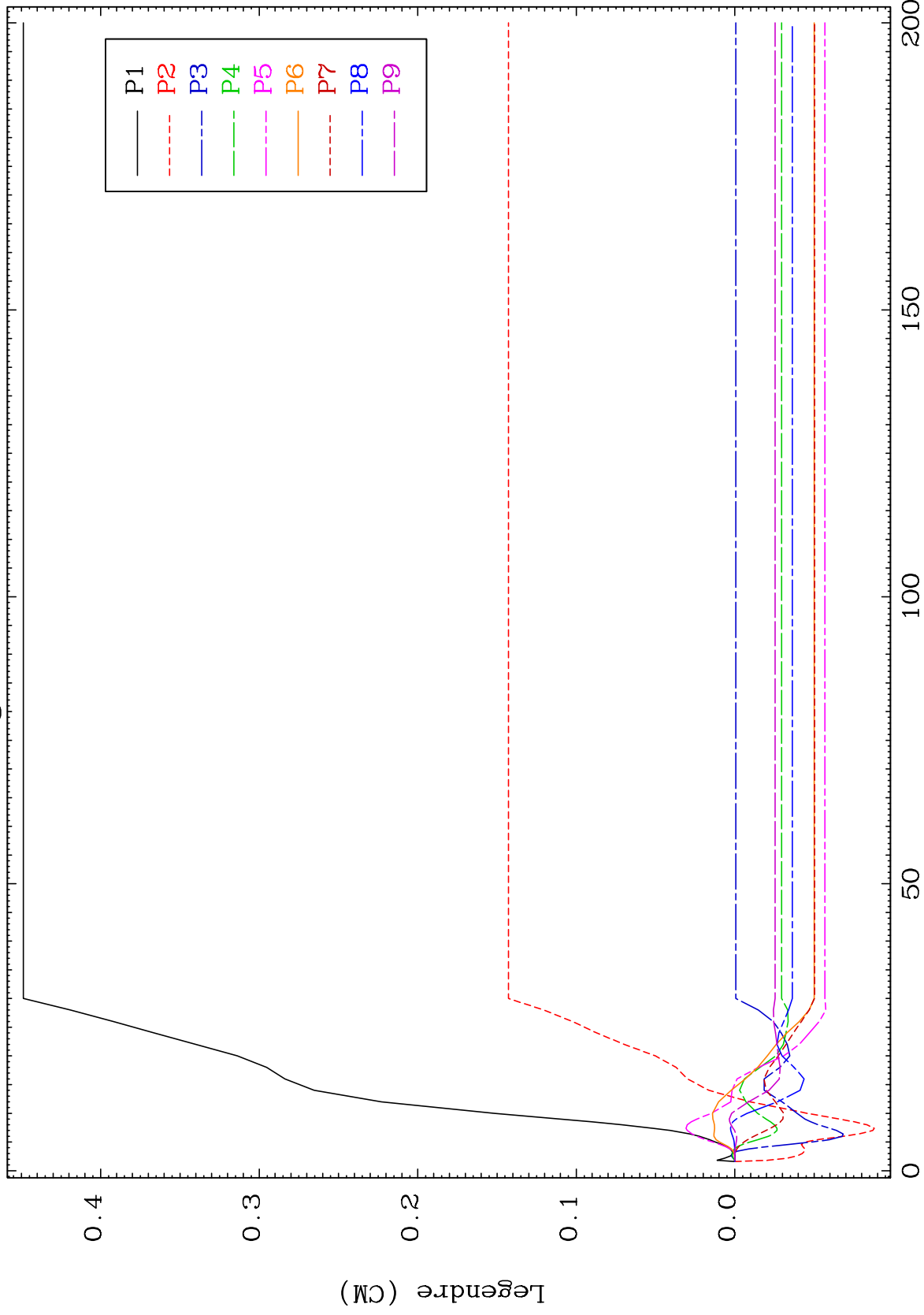




MAT 5819

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

58-Ce-134



39

Incident Energy (MeV)

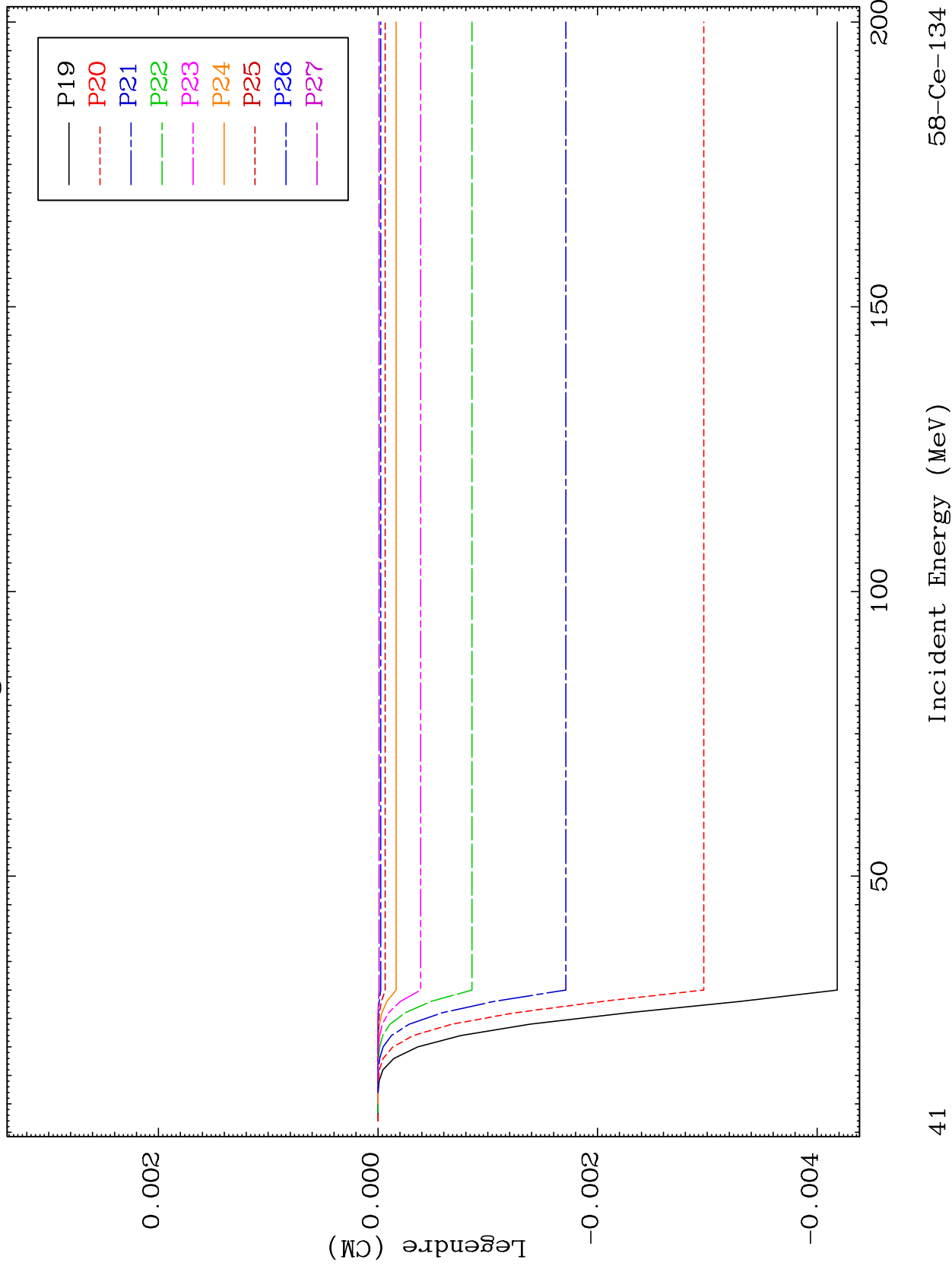
58-Ce-134



MAT 5819

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

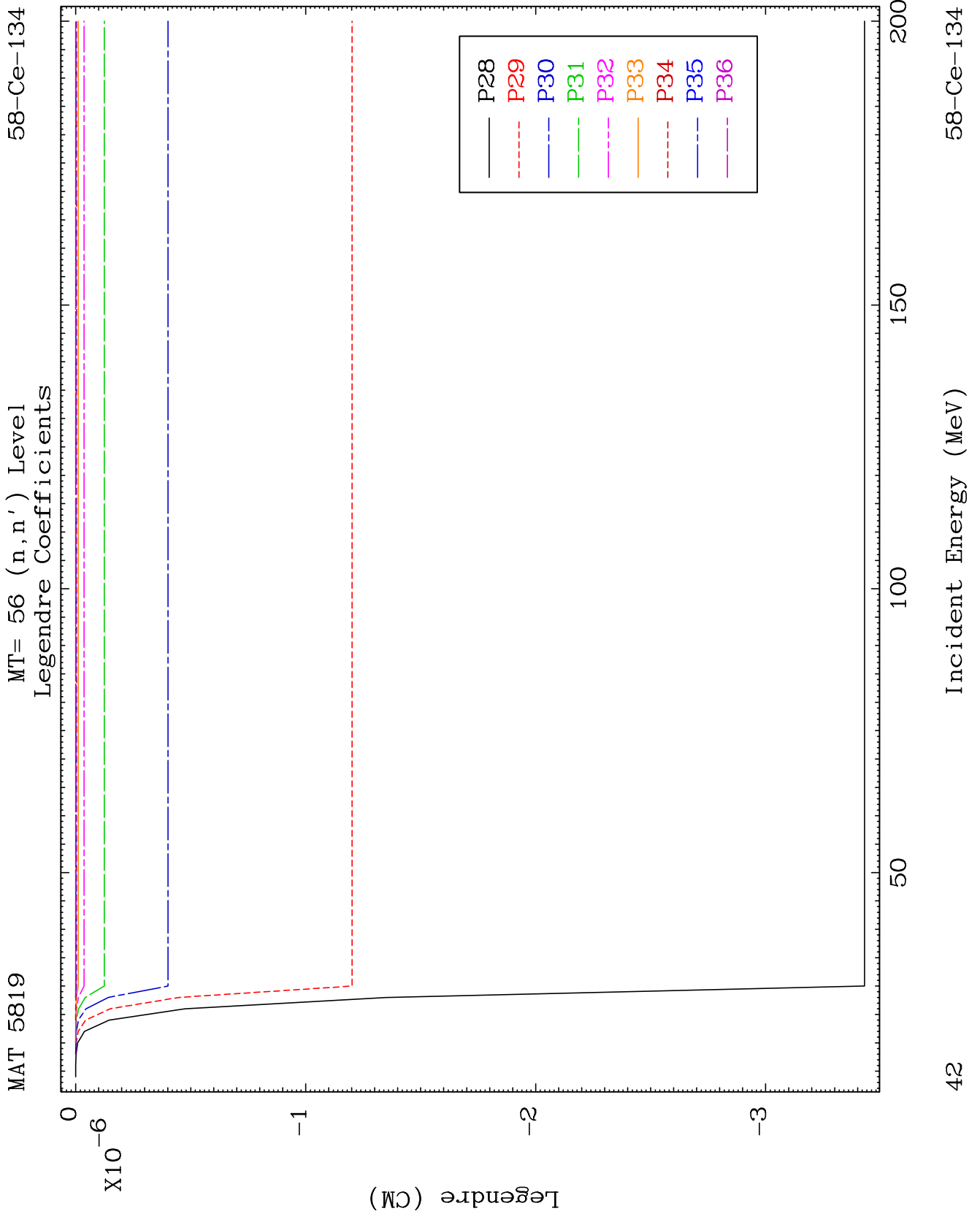
58-Ce-134



41

Incident Energy (MeV)

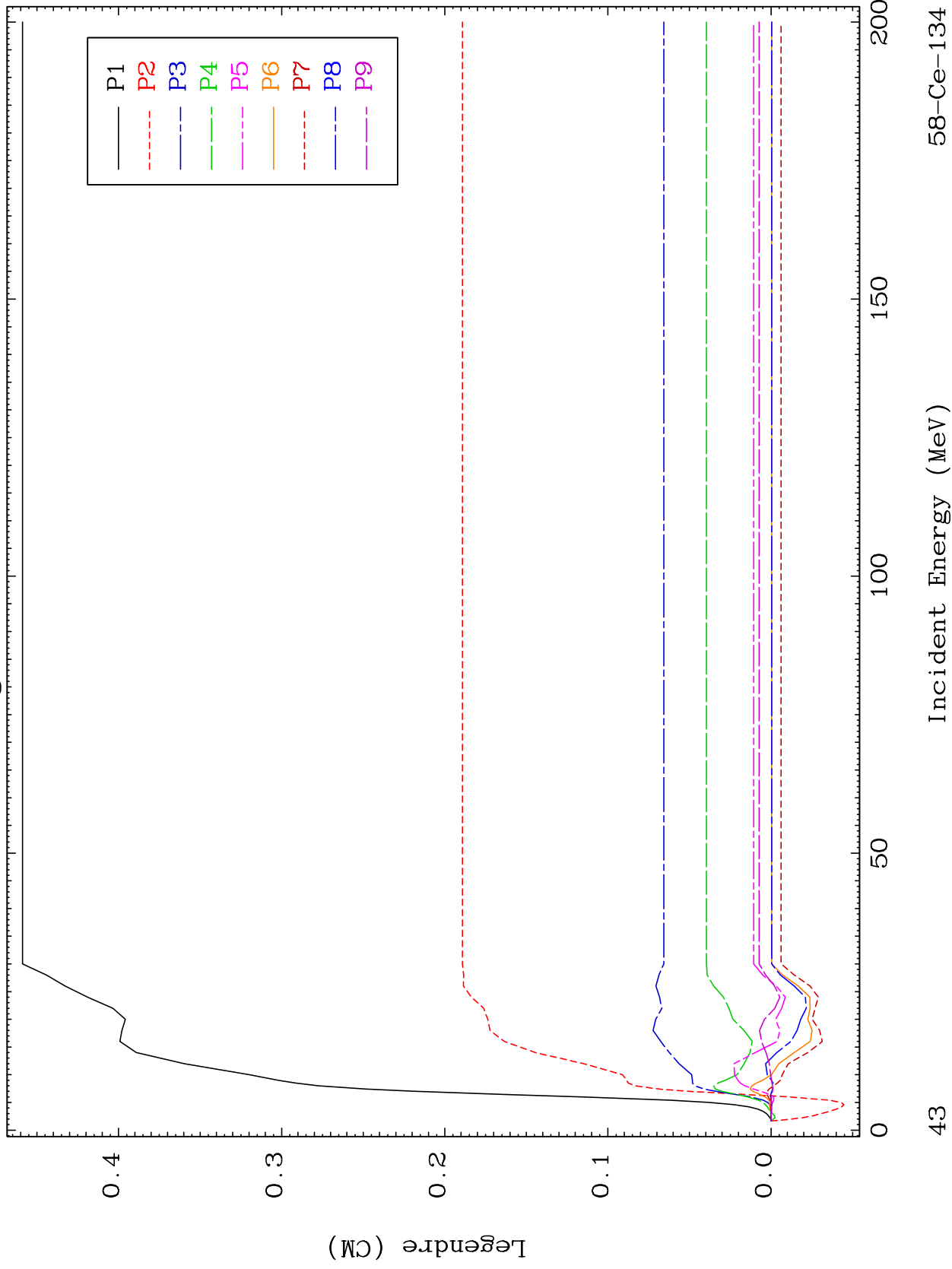
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

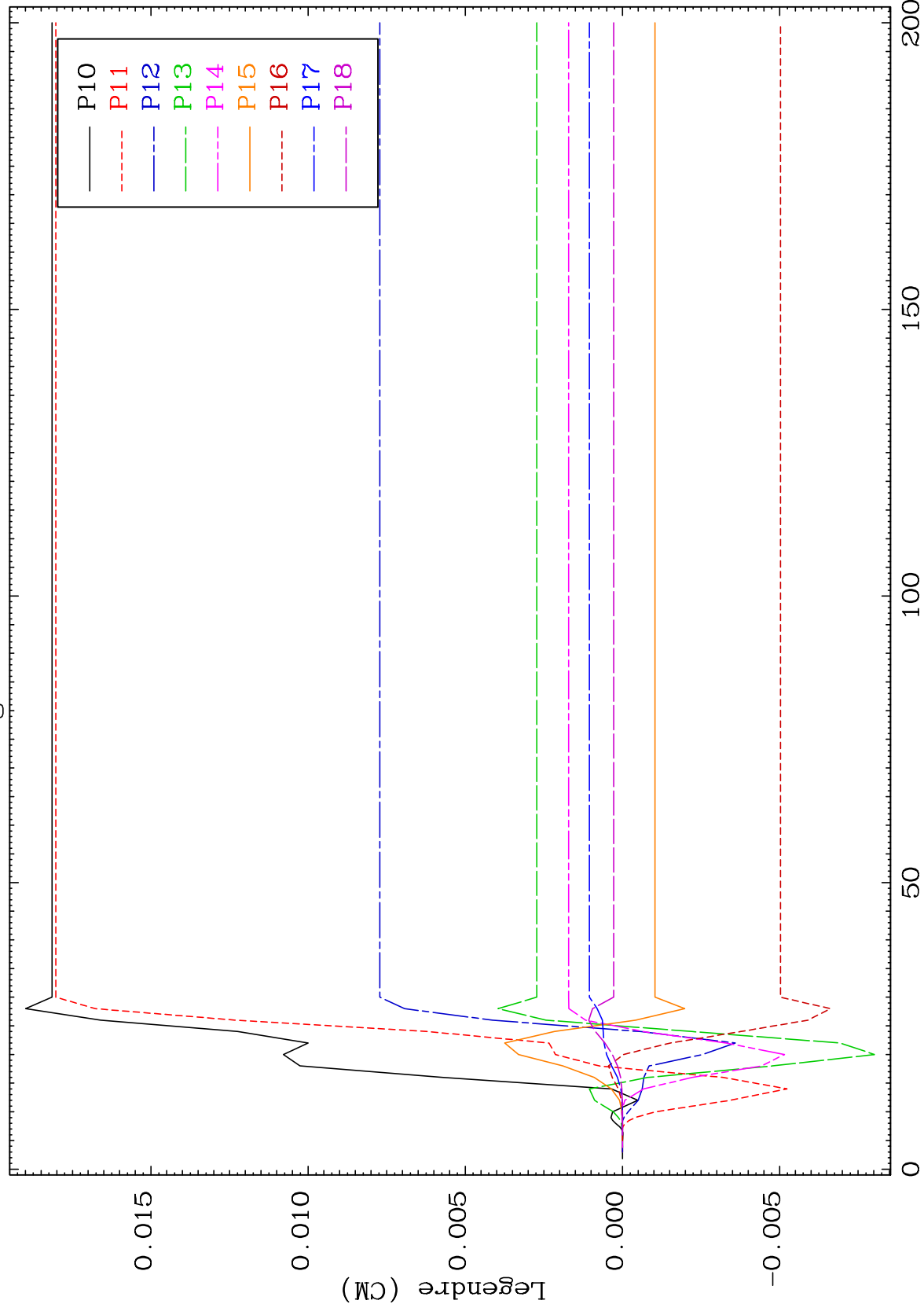
Incident Energy (MeV)

43

MAT 5819

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

58-Ce-134



44

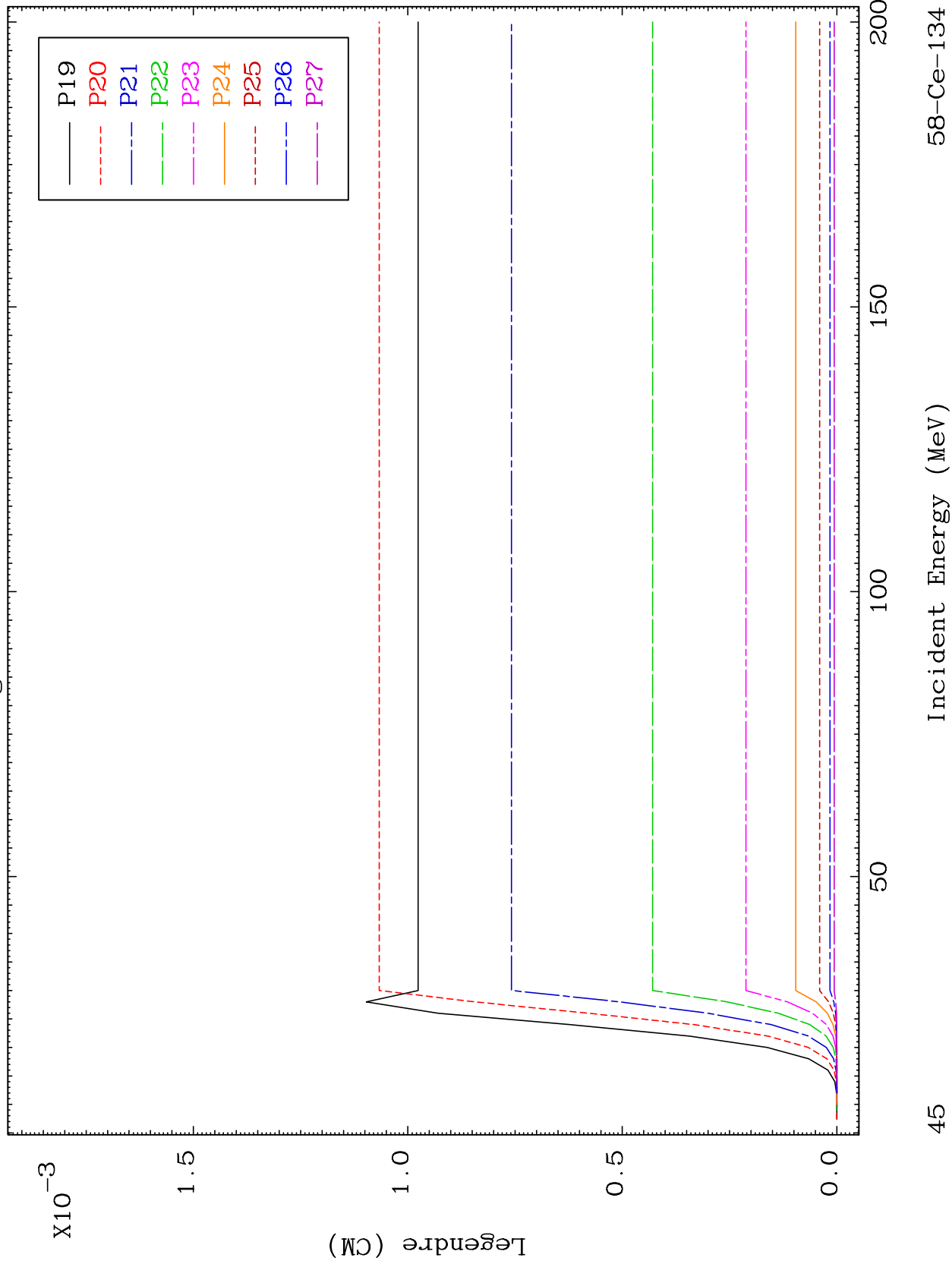
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

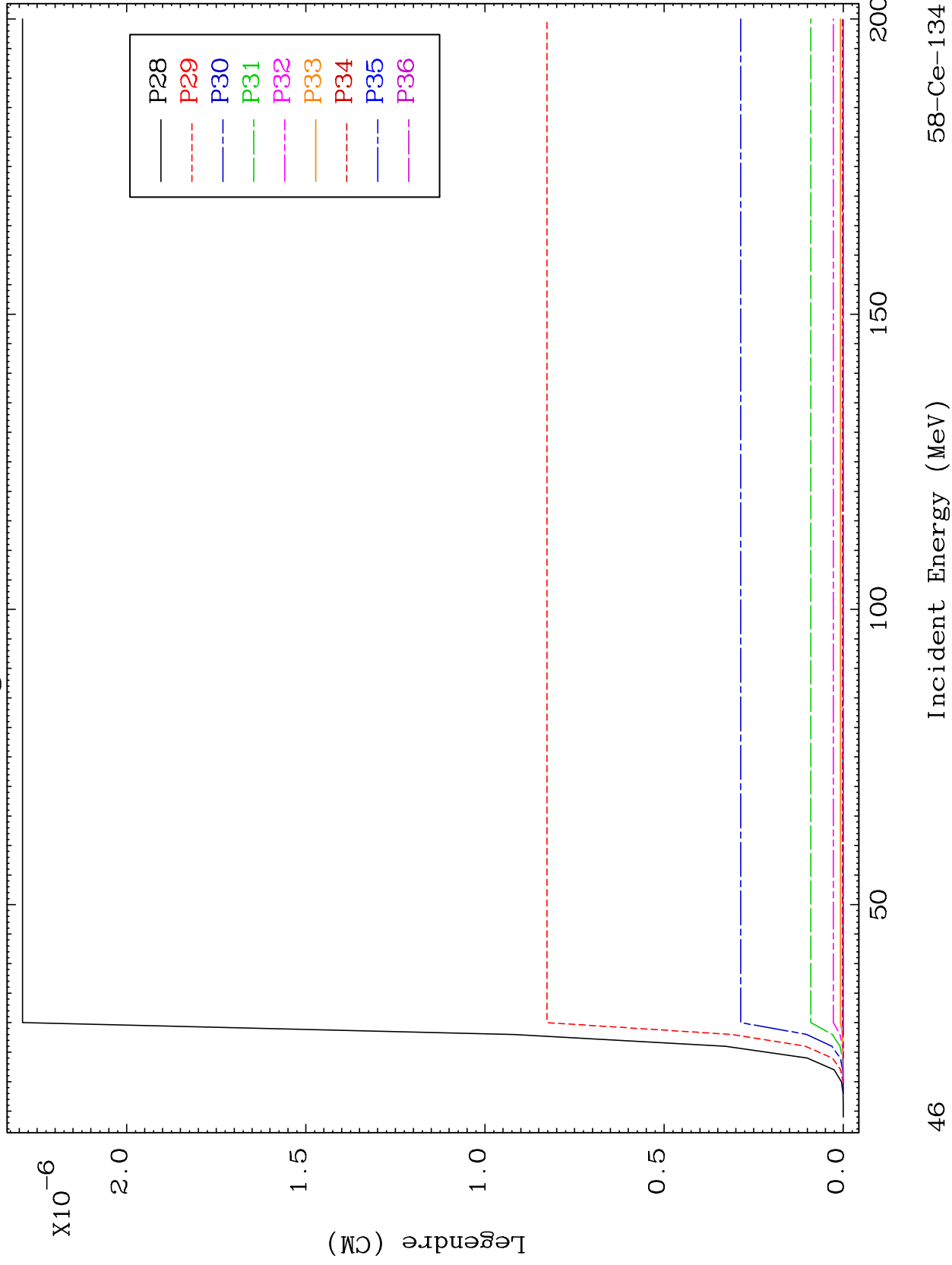
58-Ce-134



MAT 5819

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

58-Ce-134



46

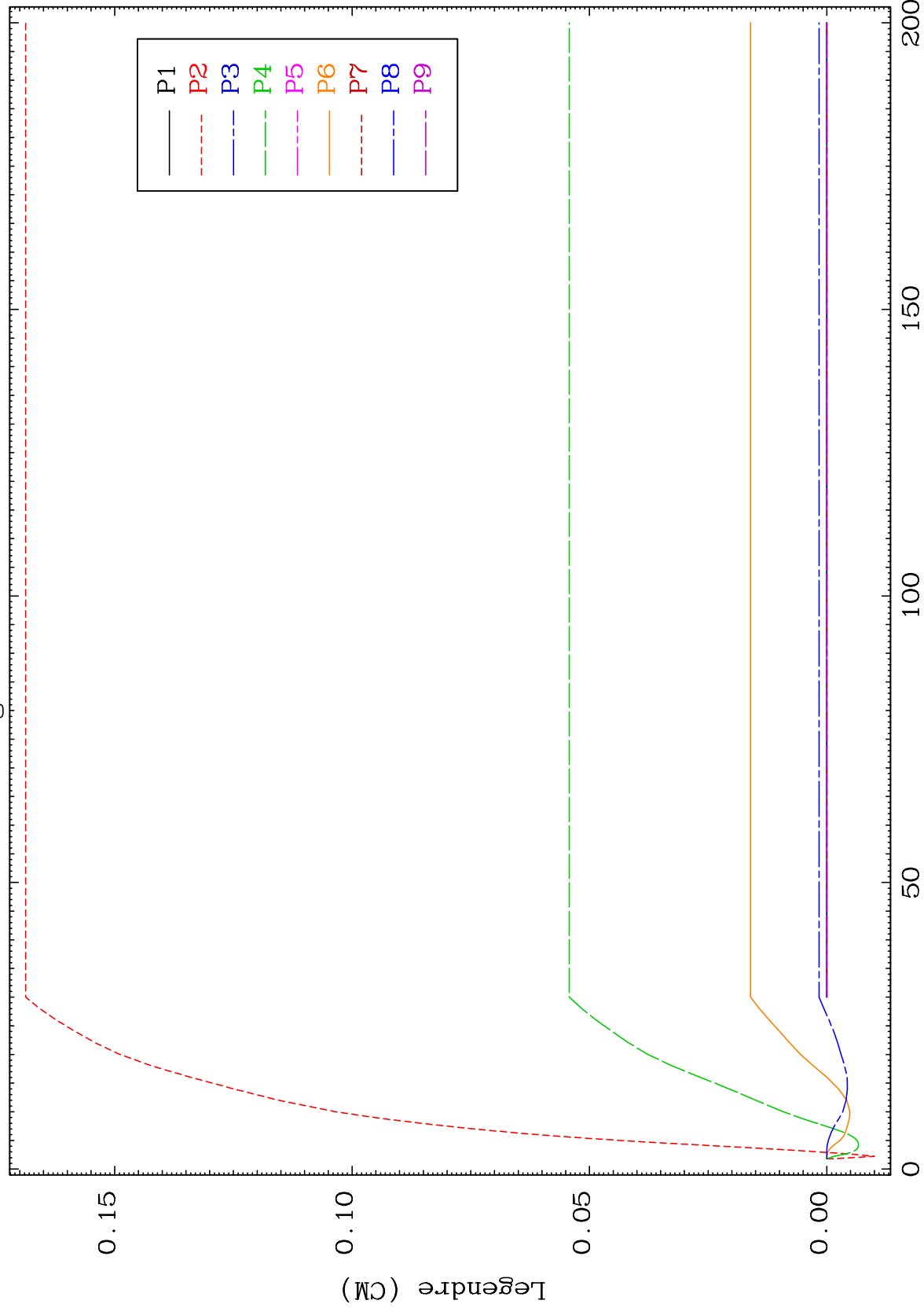
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



47

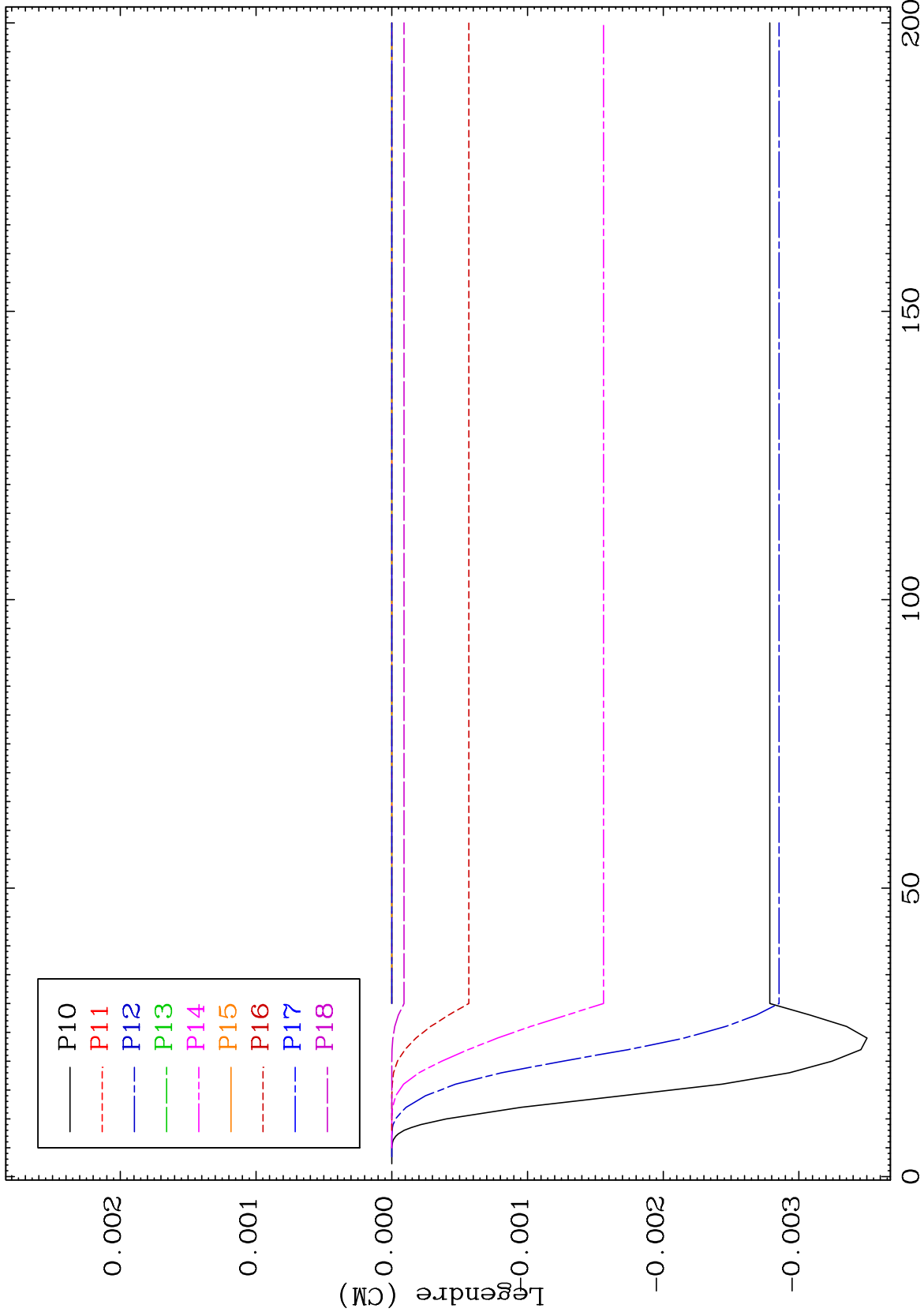
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

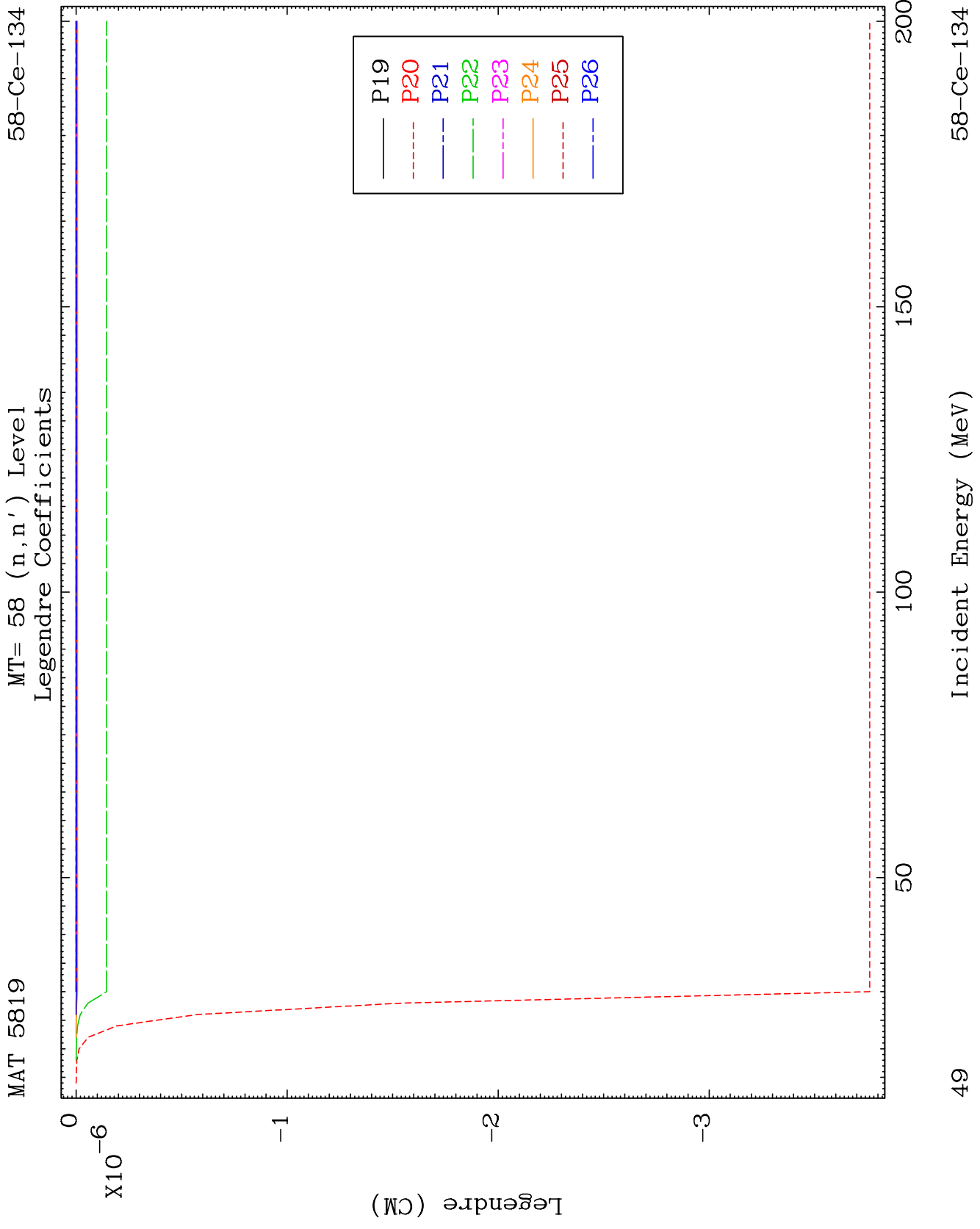
58-Ce-134



48

Incident Energy (MeV)

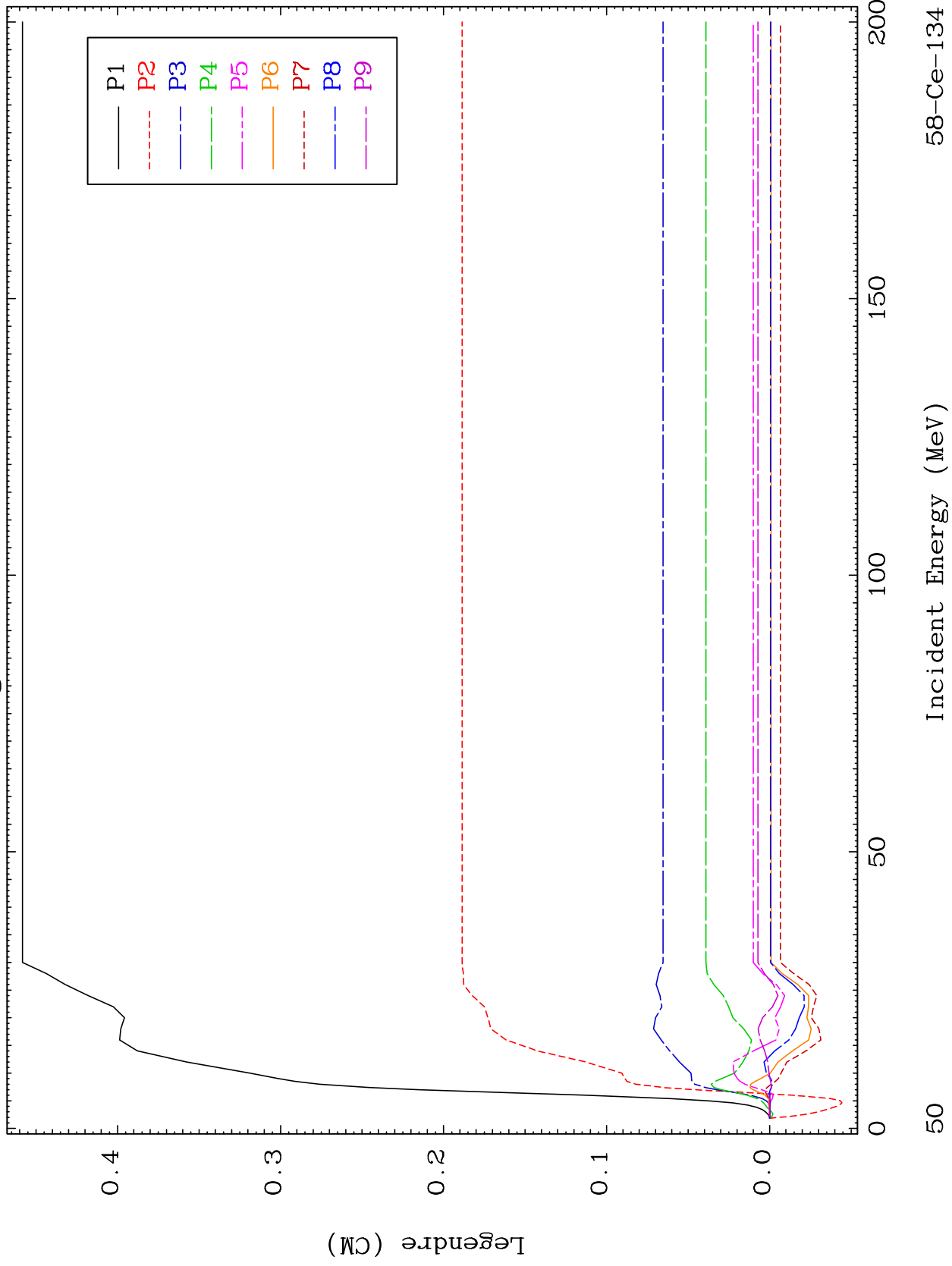
58-Ce-134



MAT 5819

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

58-Ce-134



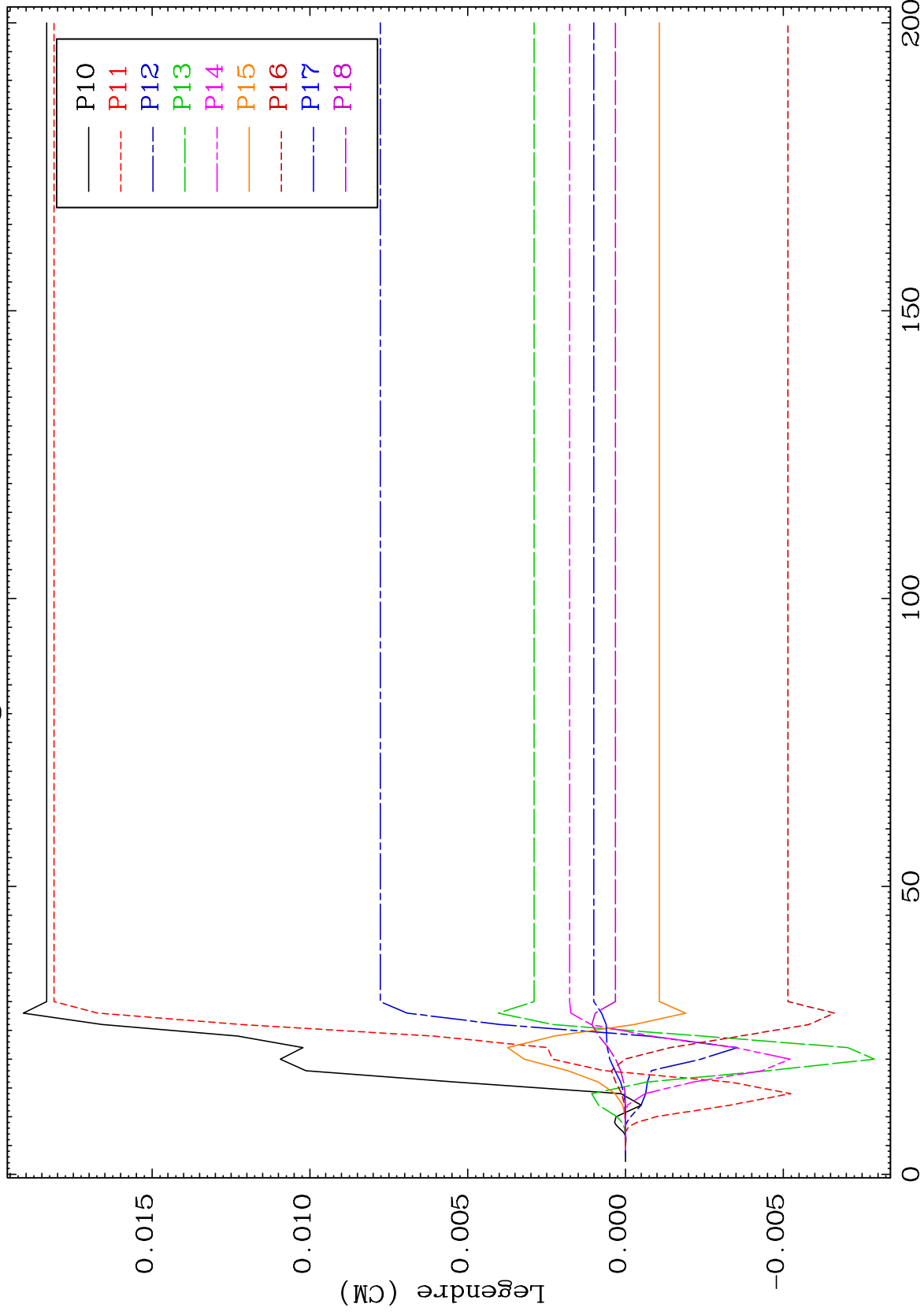
58-Ce-134

Incident Energy (MeV)

MAT 5819

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

58-Ce-134



51

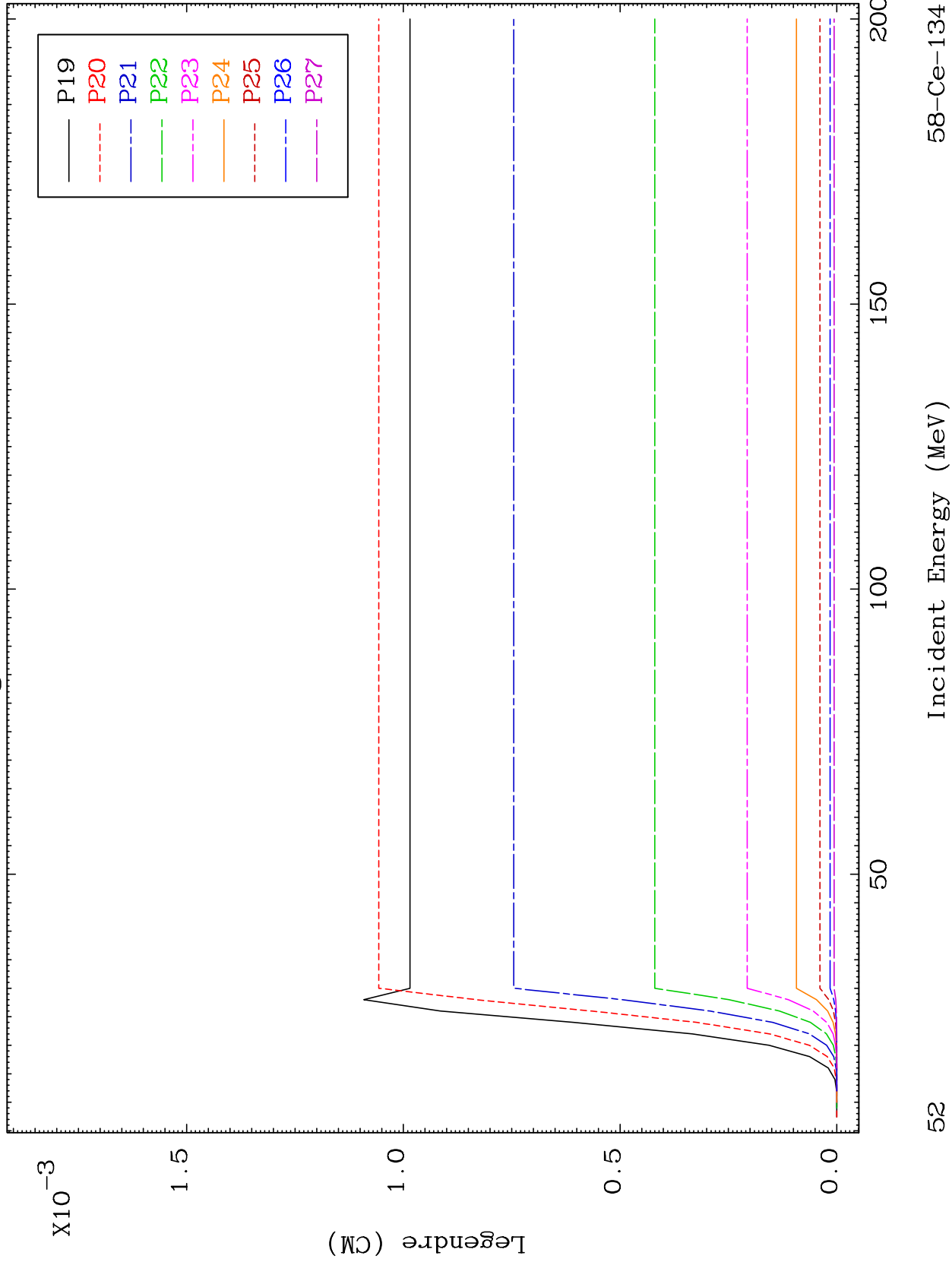
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



52

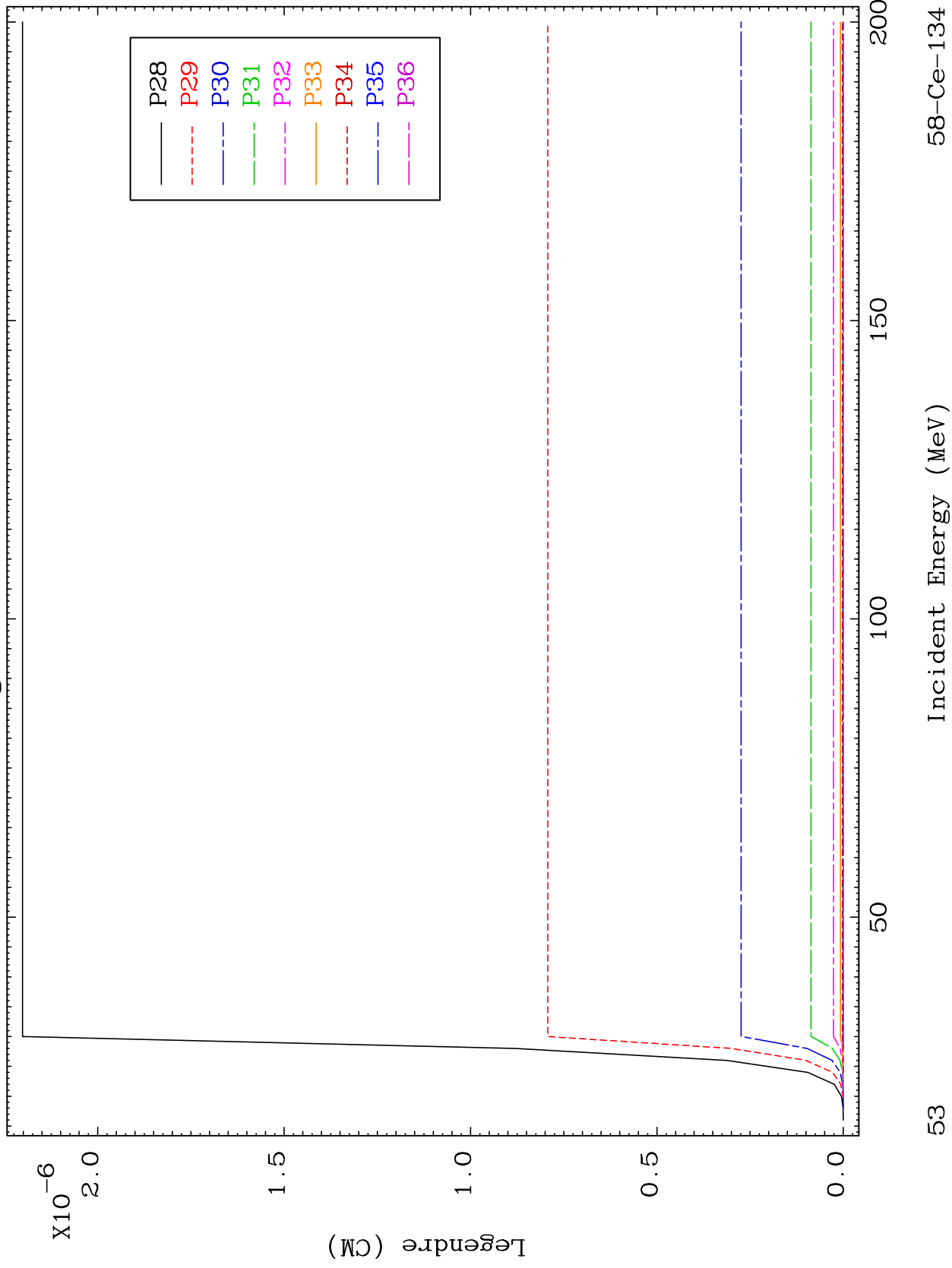
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



53

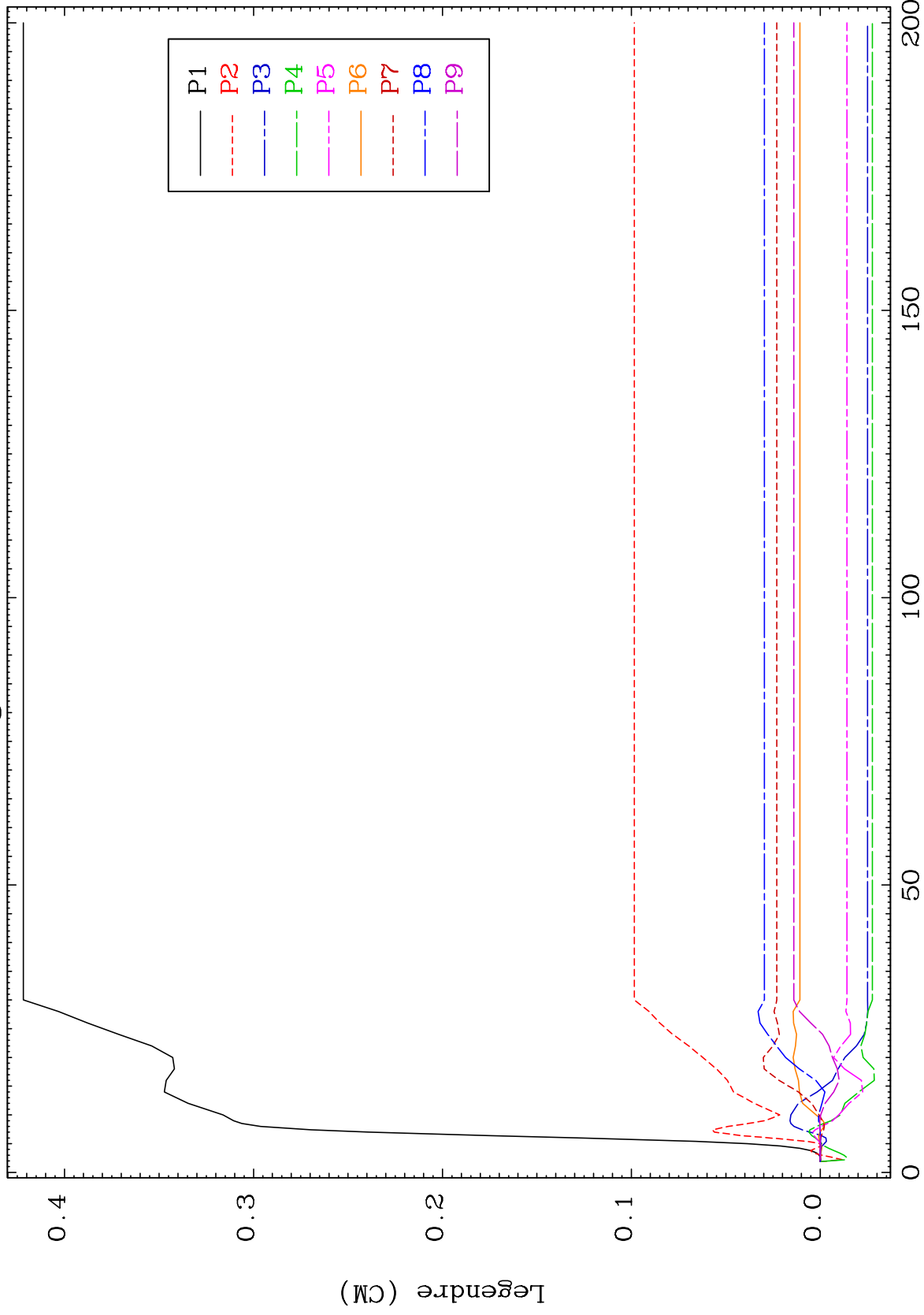
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

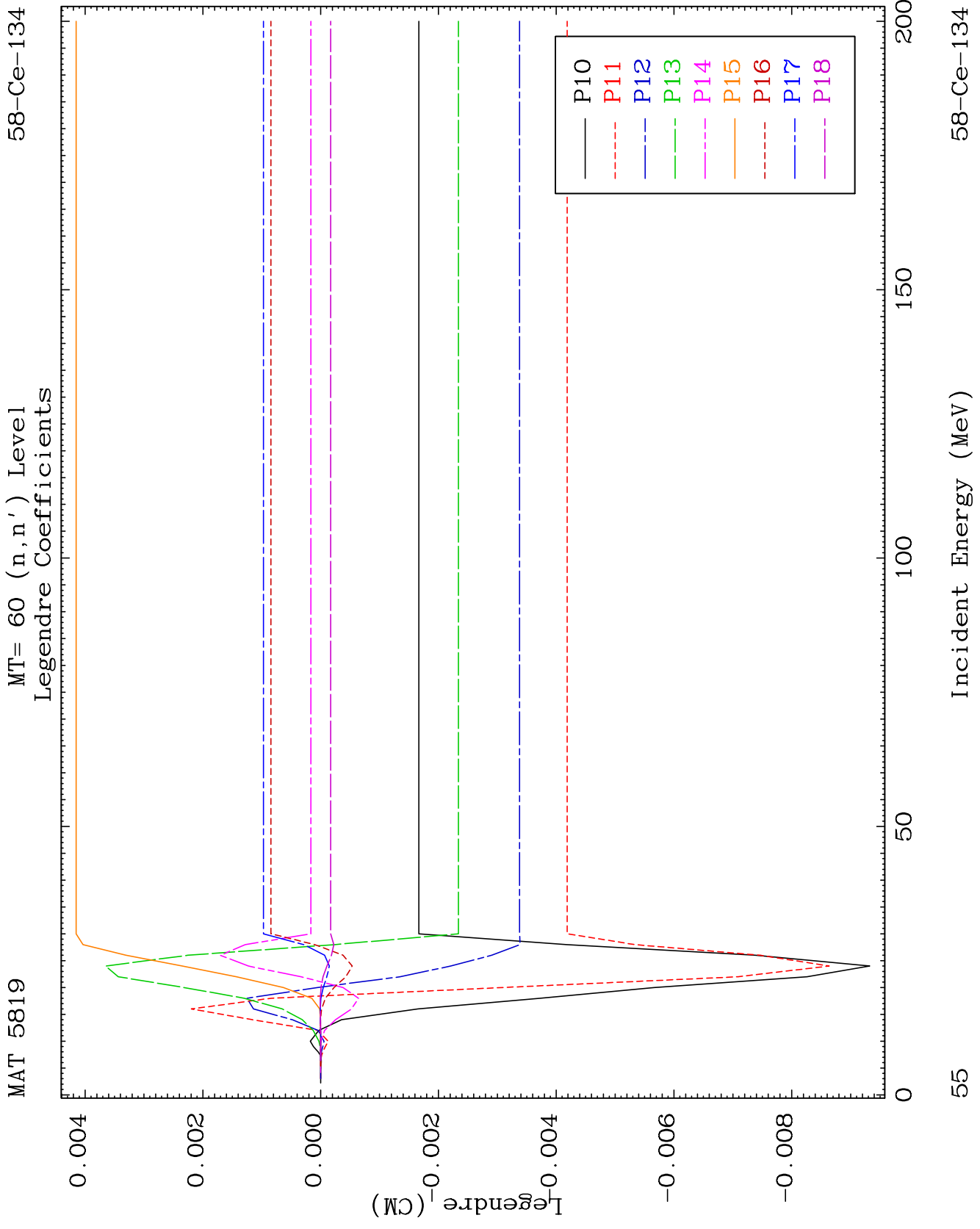
58-Ce-134



54

Incident Energy (MeV)

58-Ce-134

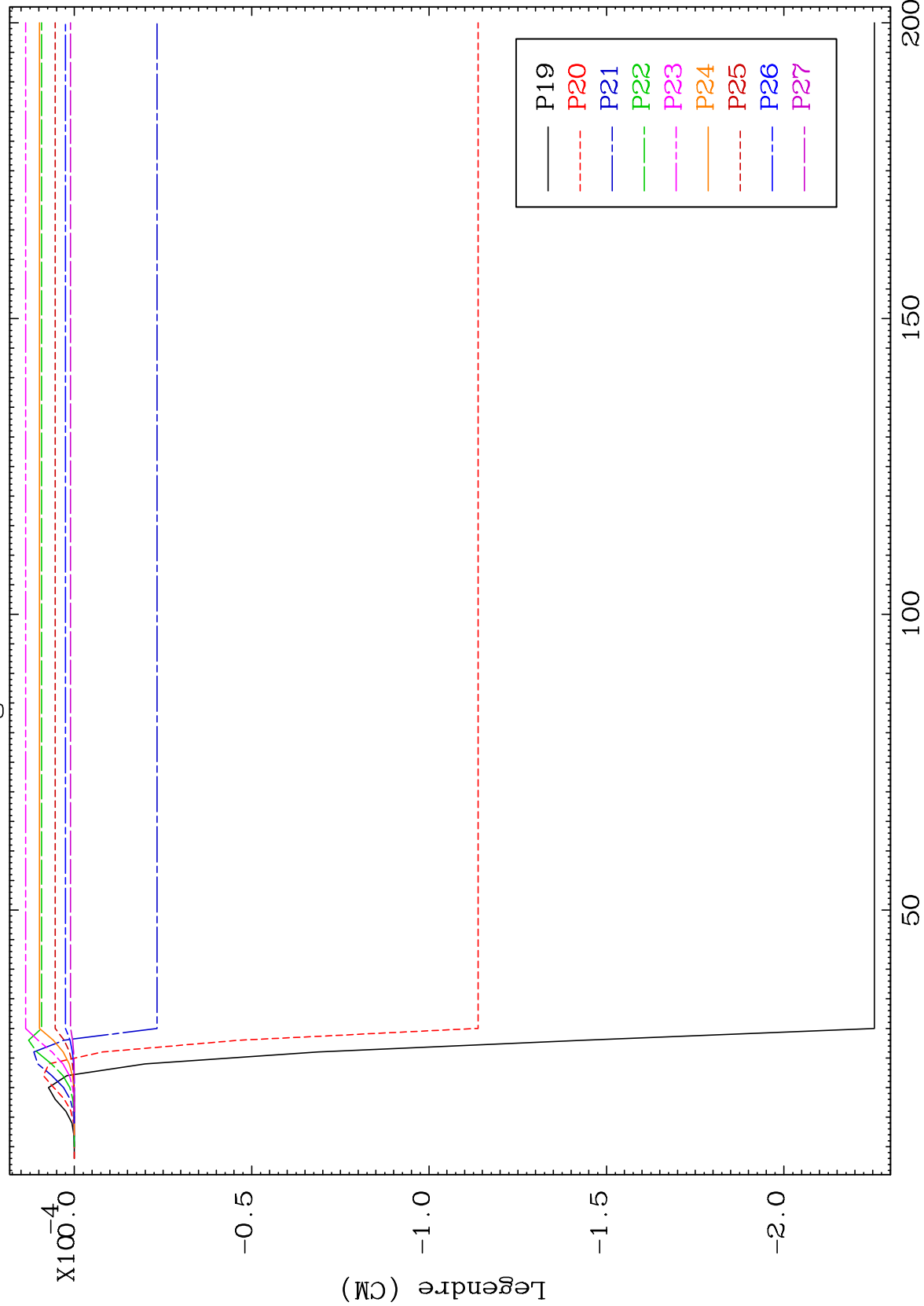


MAT 5819

MT= 60 (n,n') Level

58-Ce-134

Legendre Coefficients



56

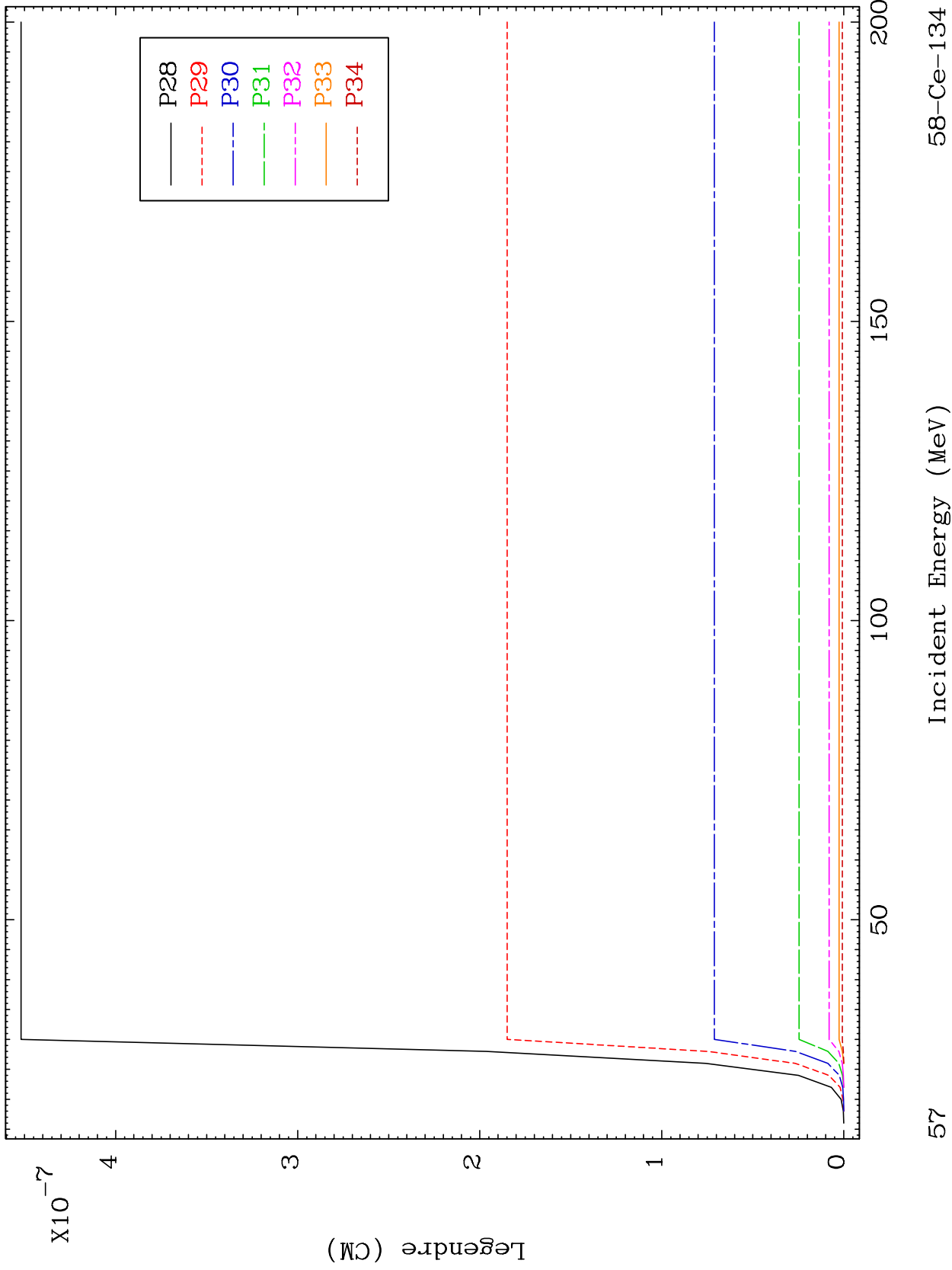
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

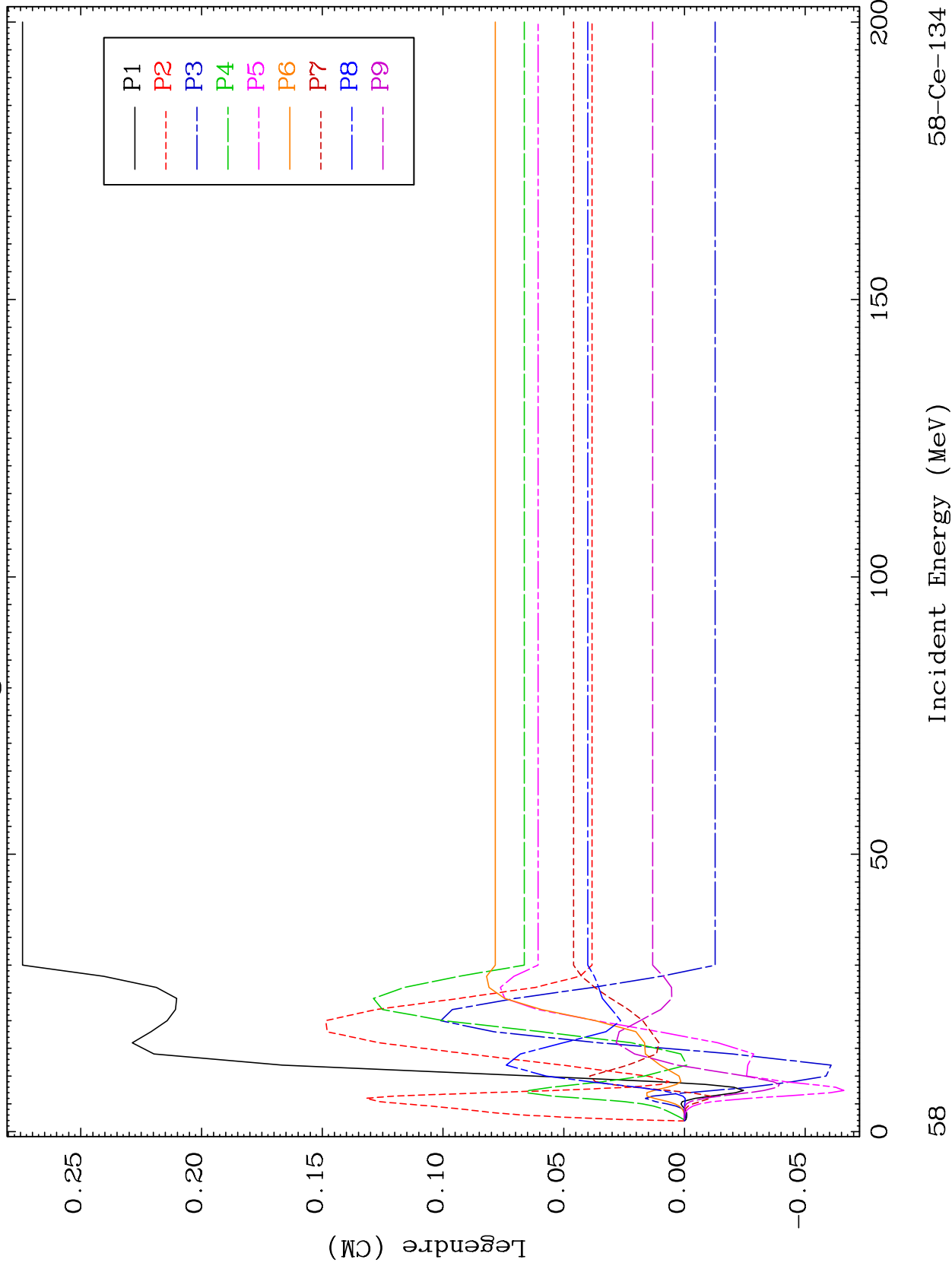
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

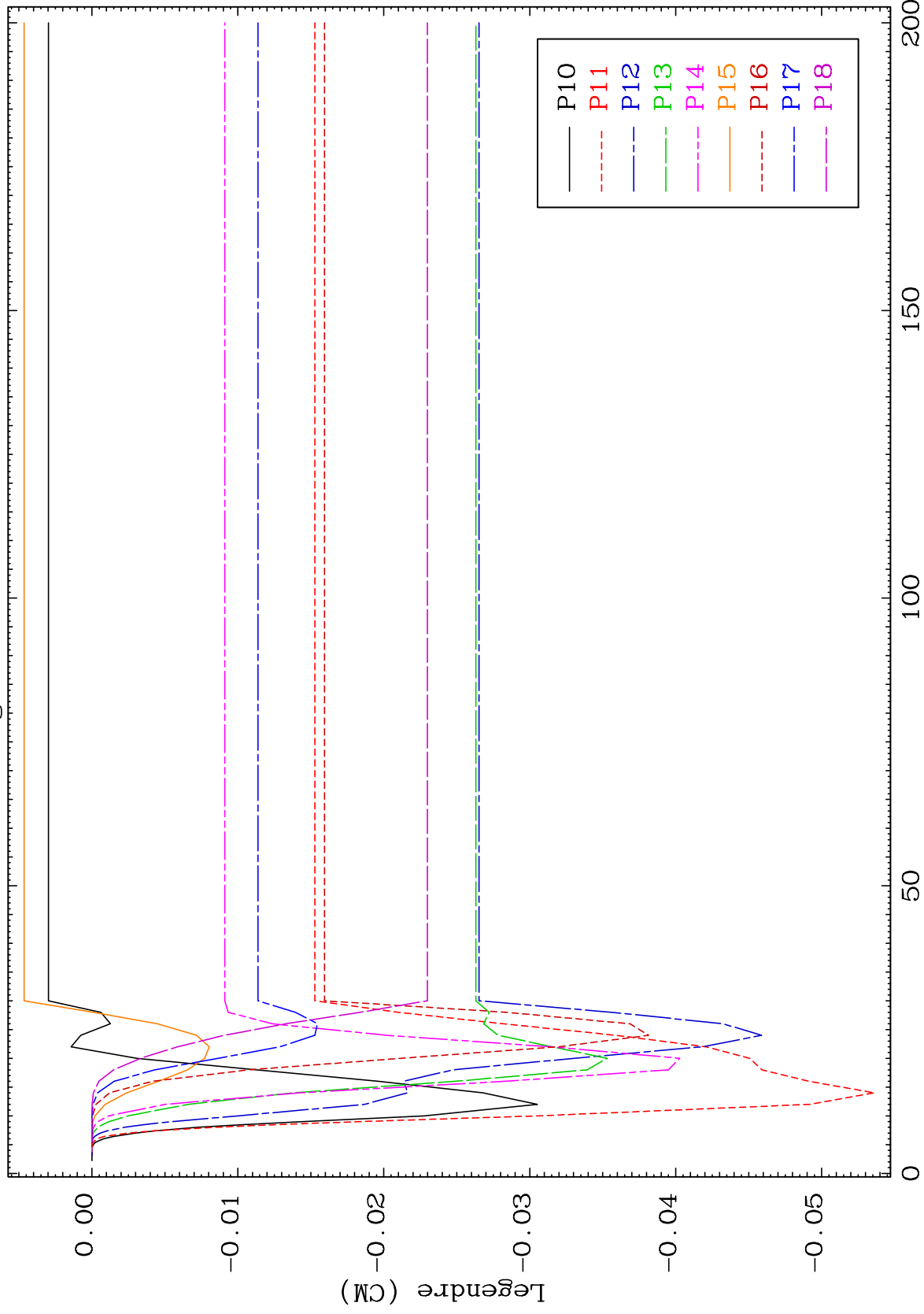
Incident Energy (MeV)

58

MAT 5819

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

58-Ce-134

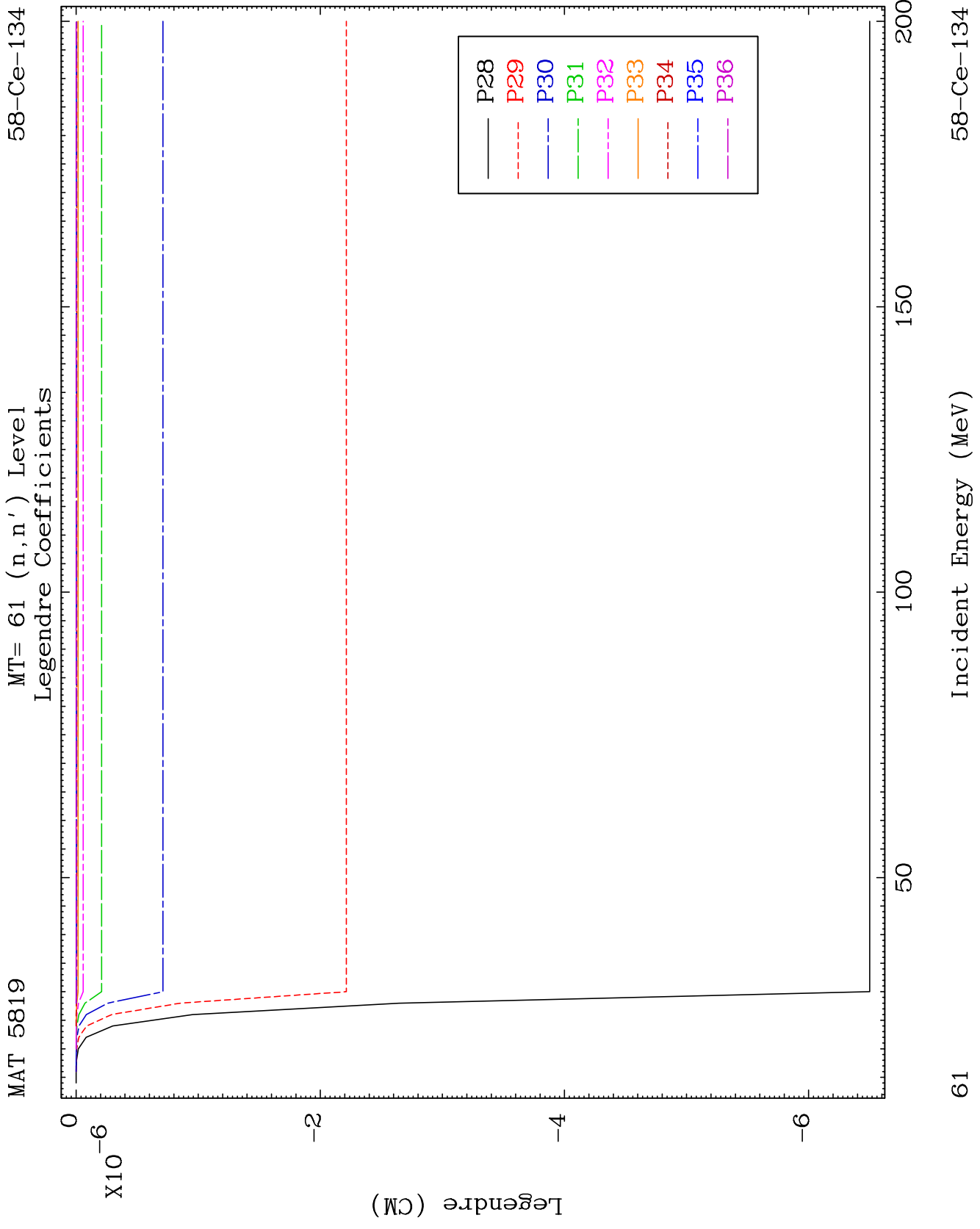


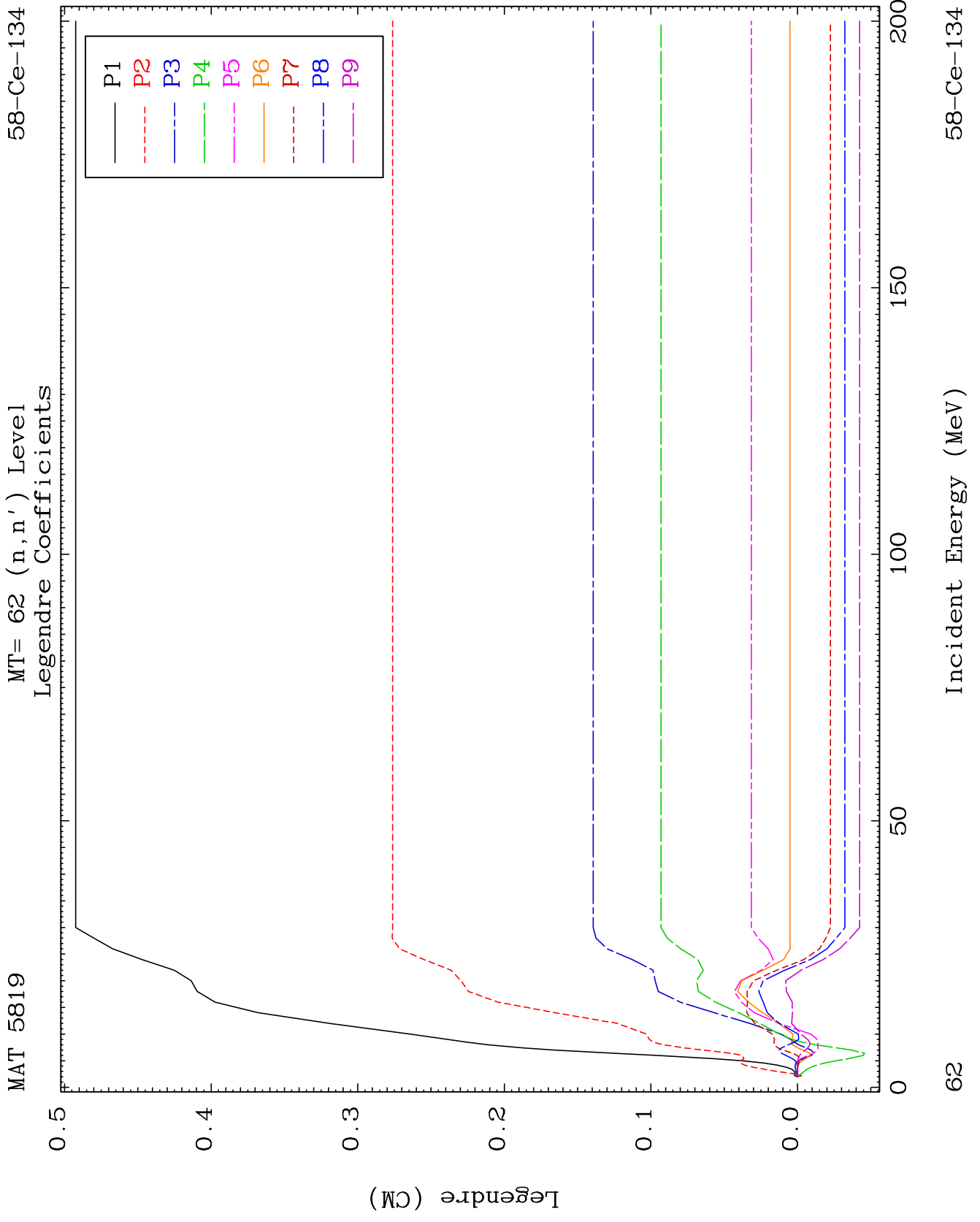
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Incident Energy (MeV)

58-Ce-134





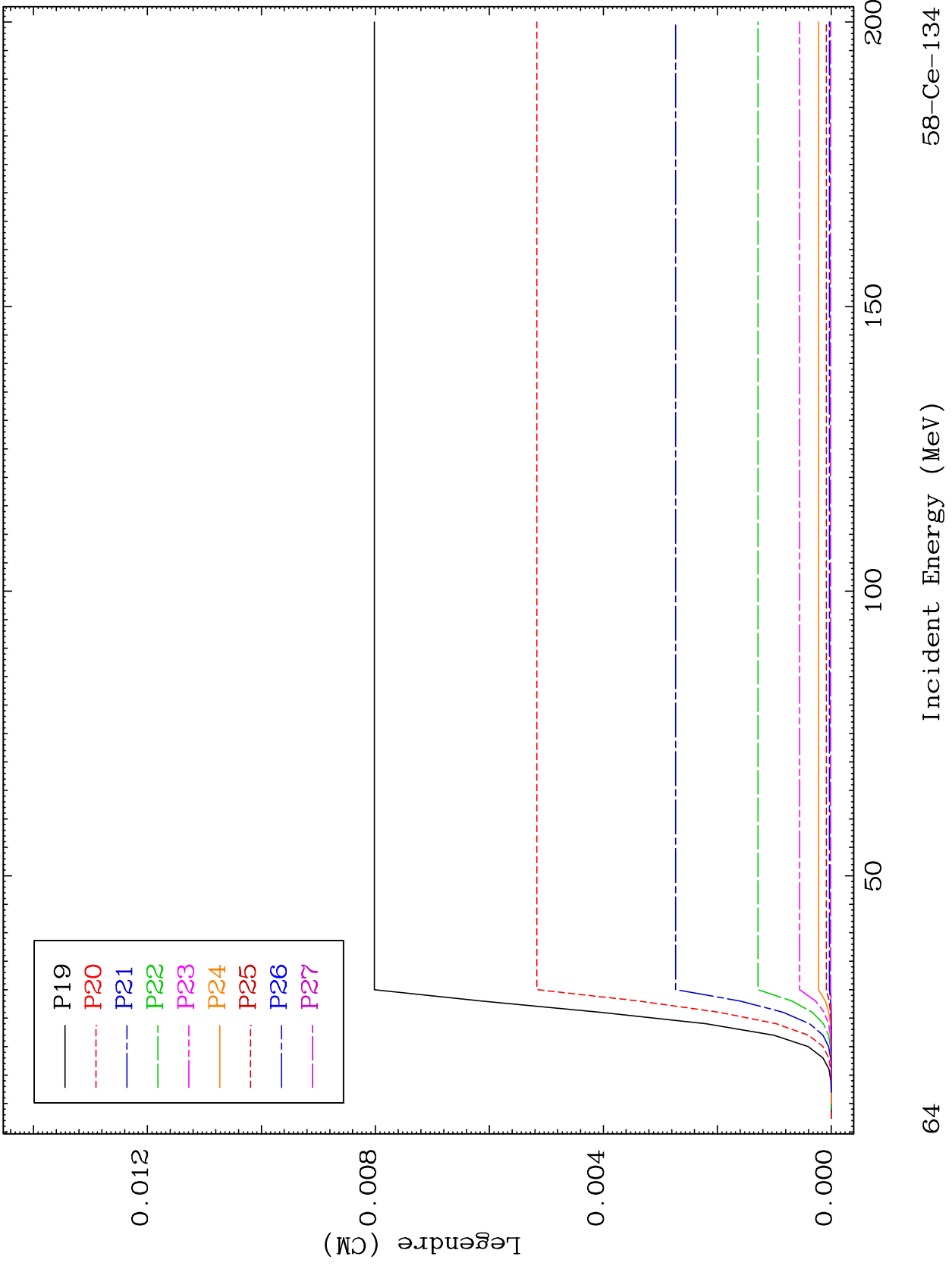




MAT 5819

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

58-Ce-134



64

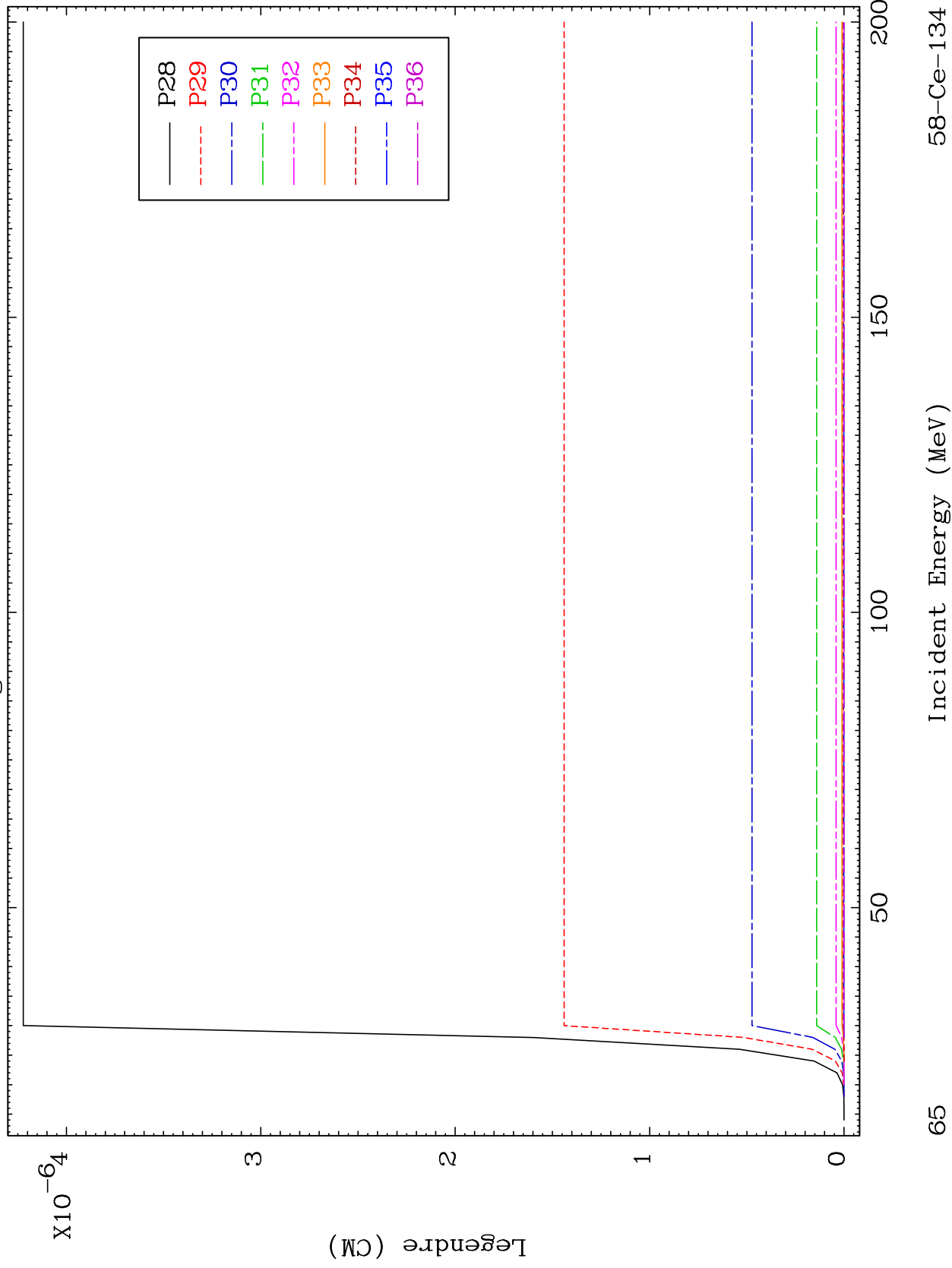
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

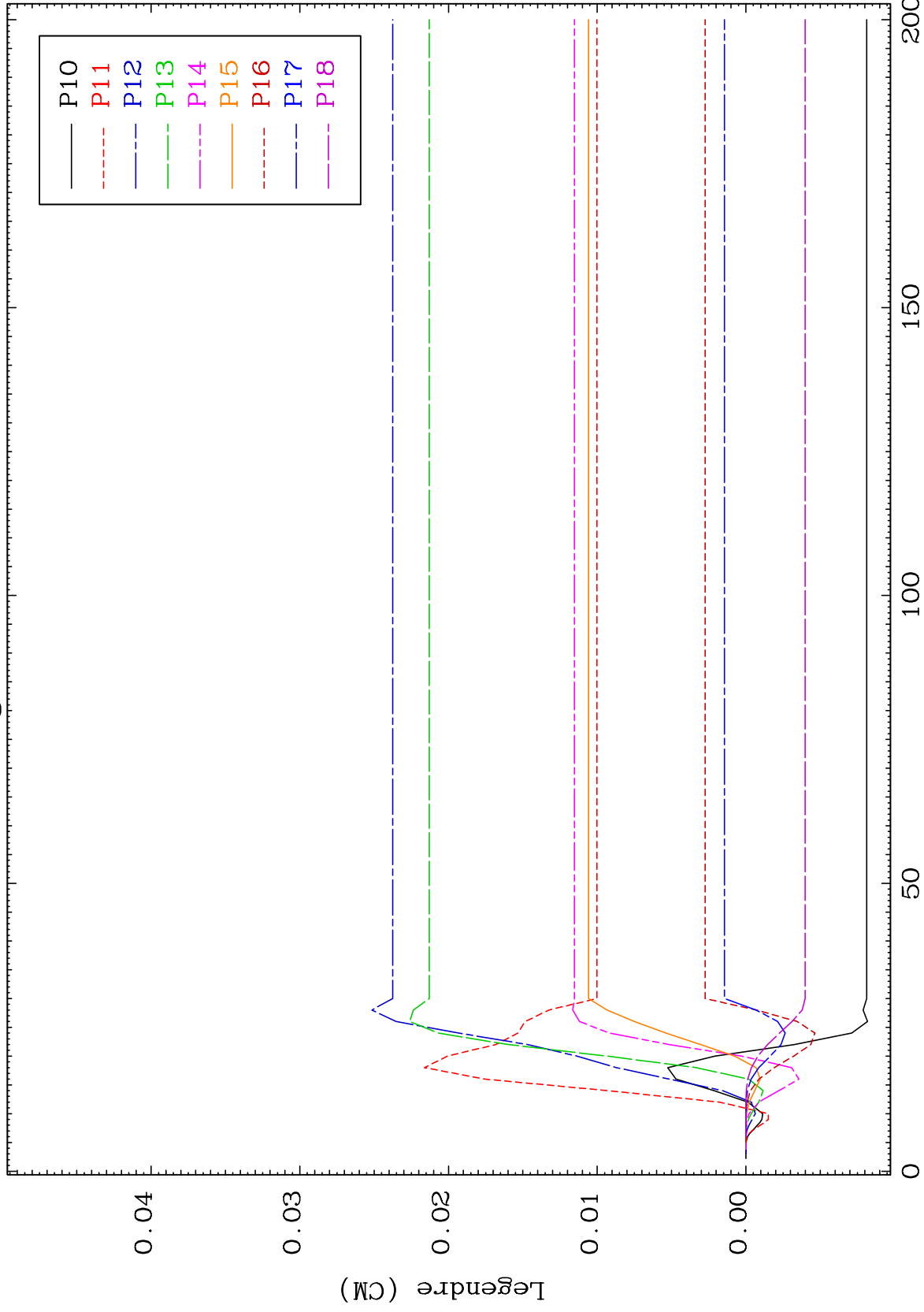




MAT 5819

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

58-Ce-134



67

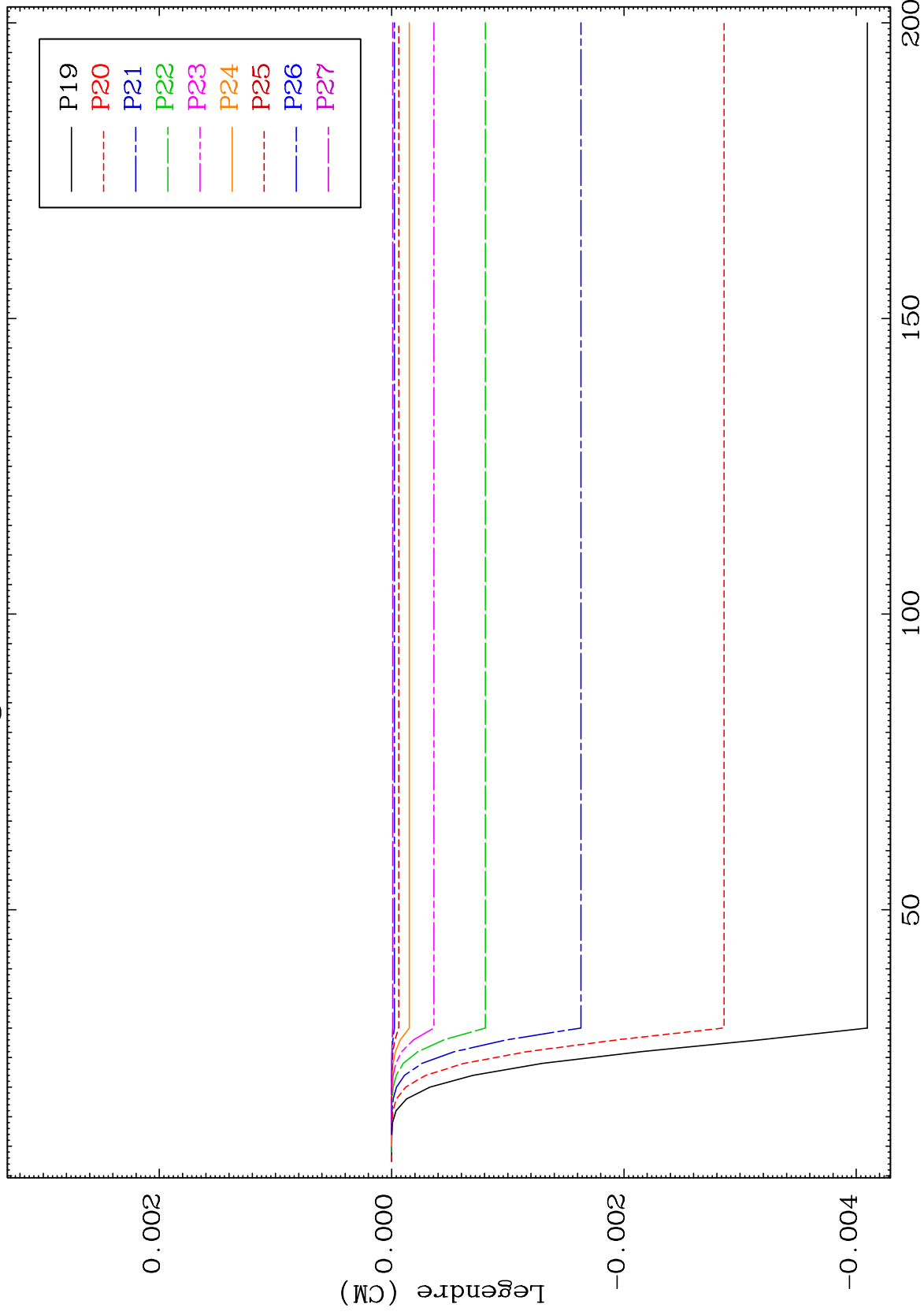
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



68

Incident Energy (MeV)

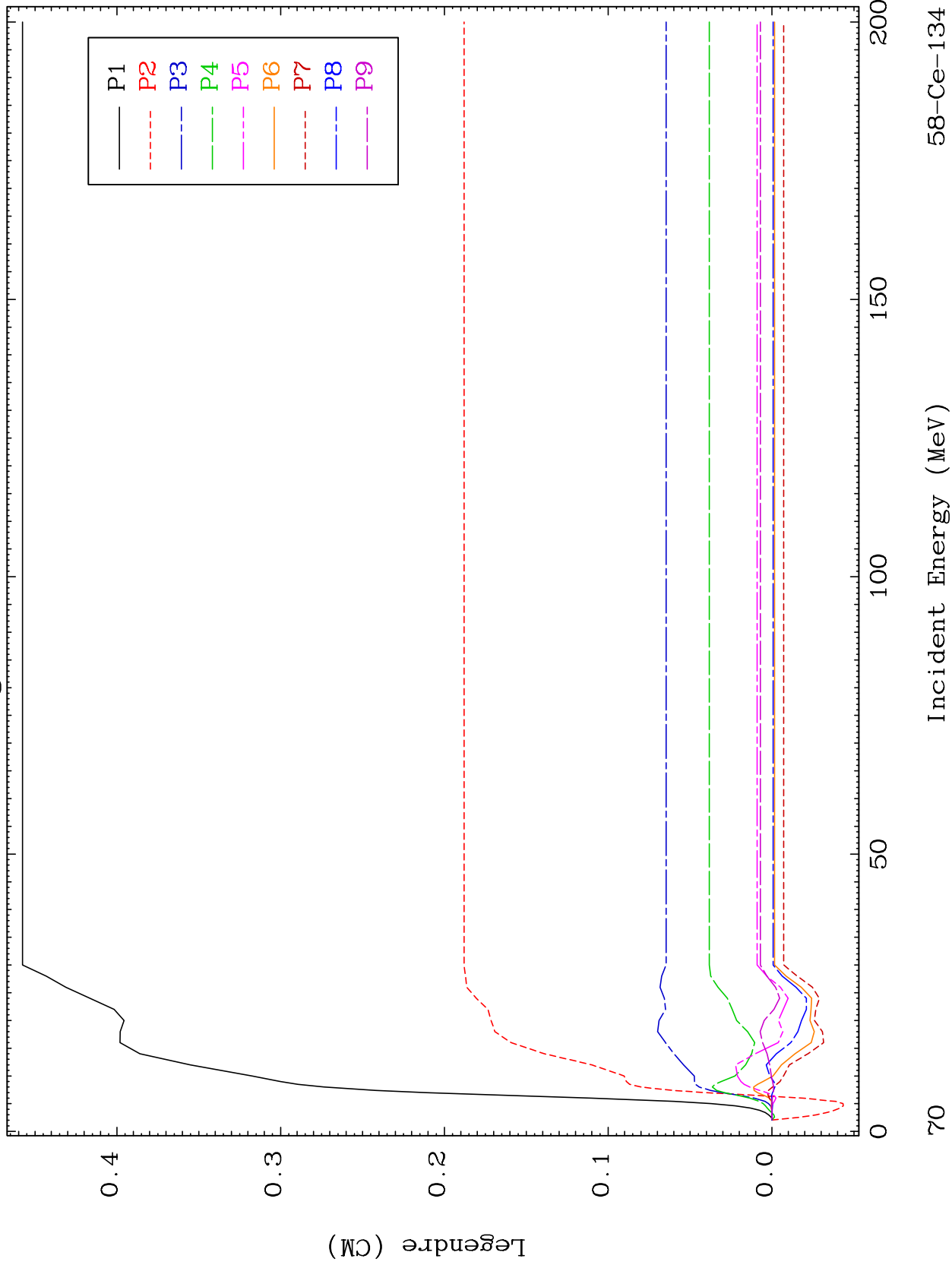
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

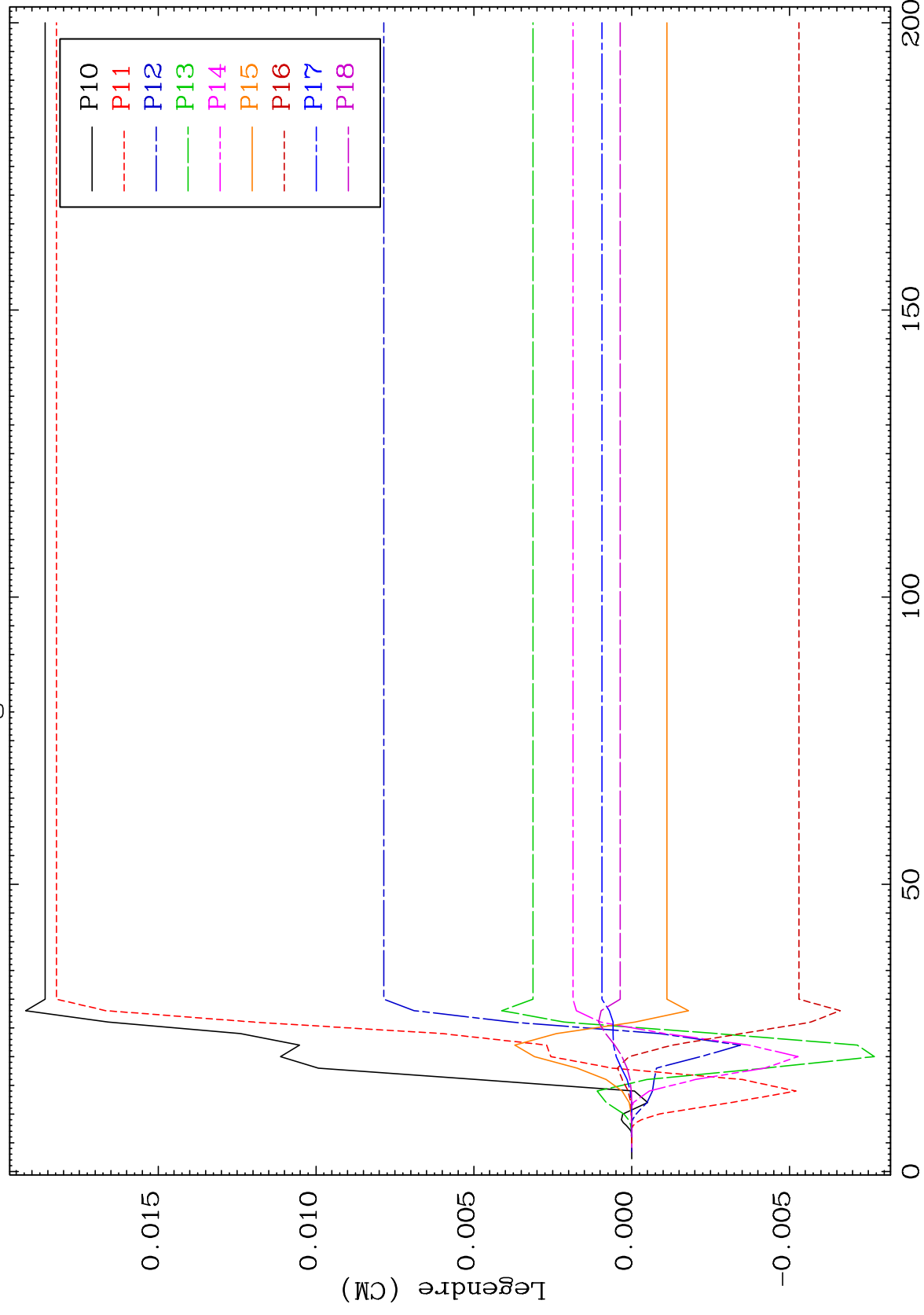
Incident Energy (MeV)

70

MAT 5819

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

58-Ce-134



71

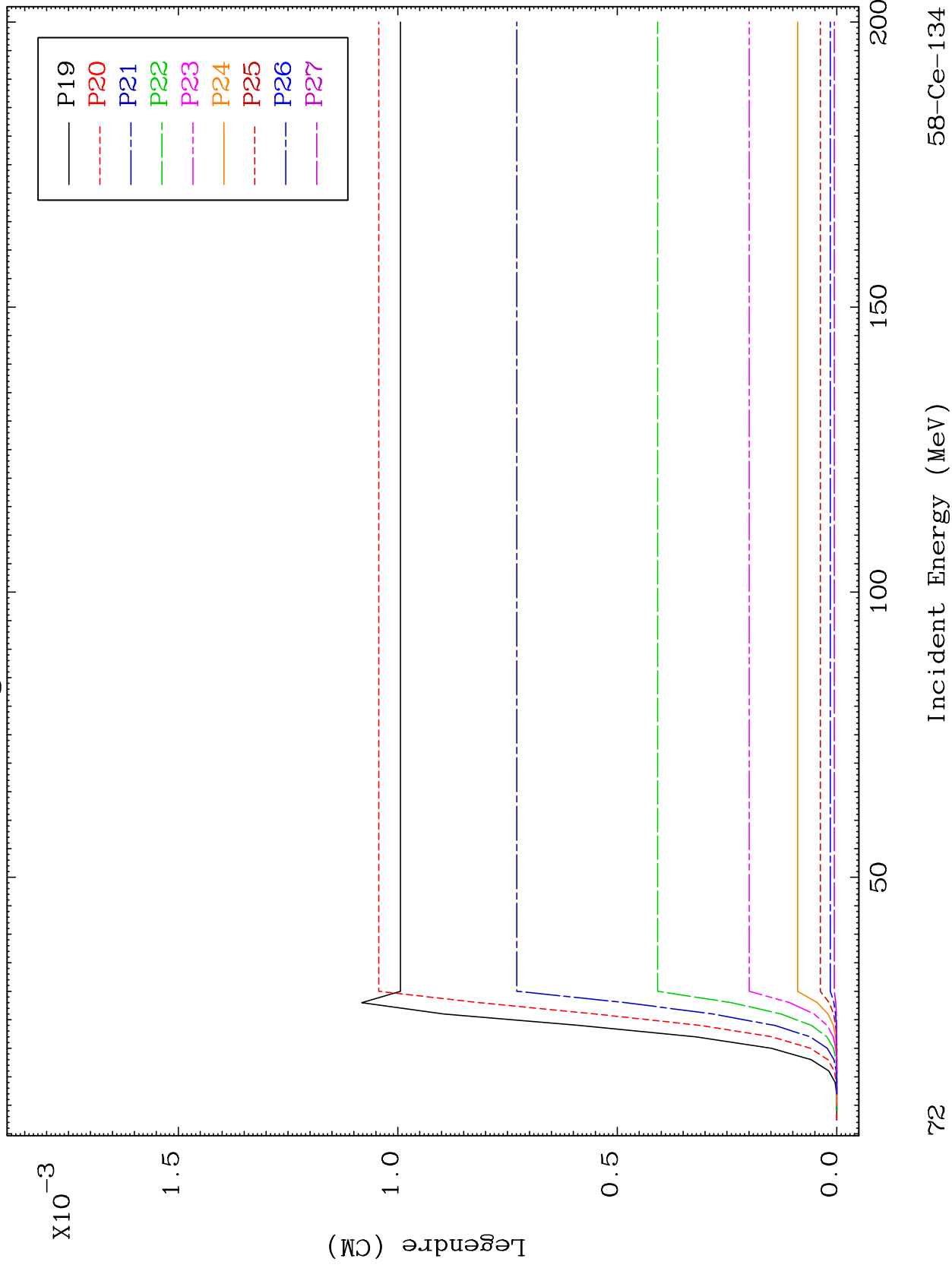
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



72

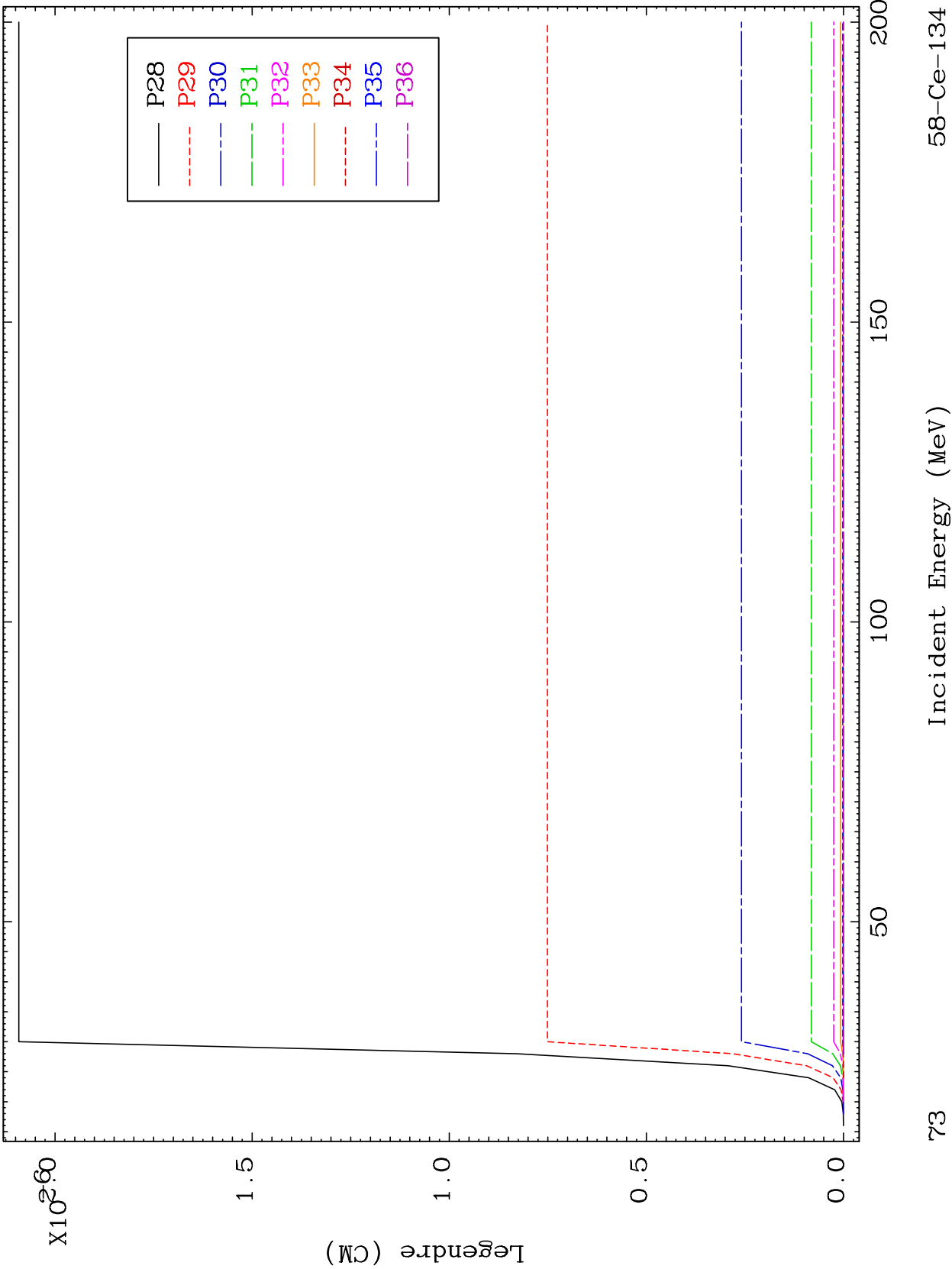
Incident Energy (MeV)

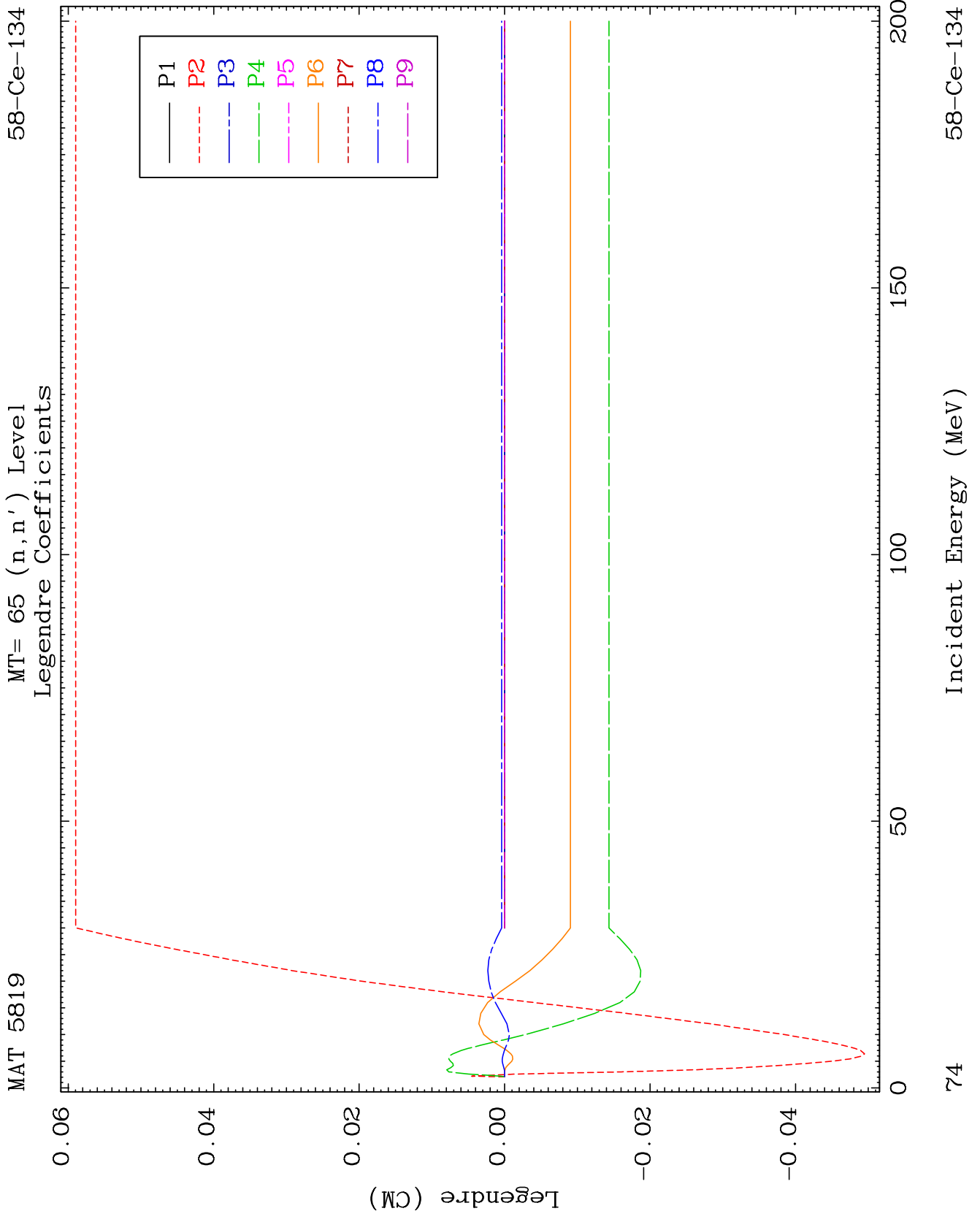
58-Ce-134

MAT 5819

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

58-Ce-134

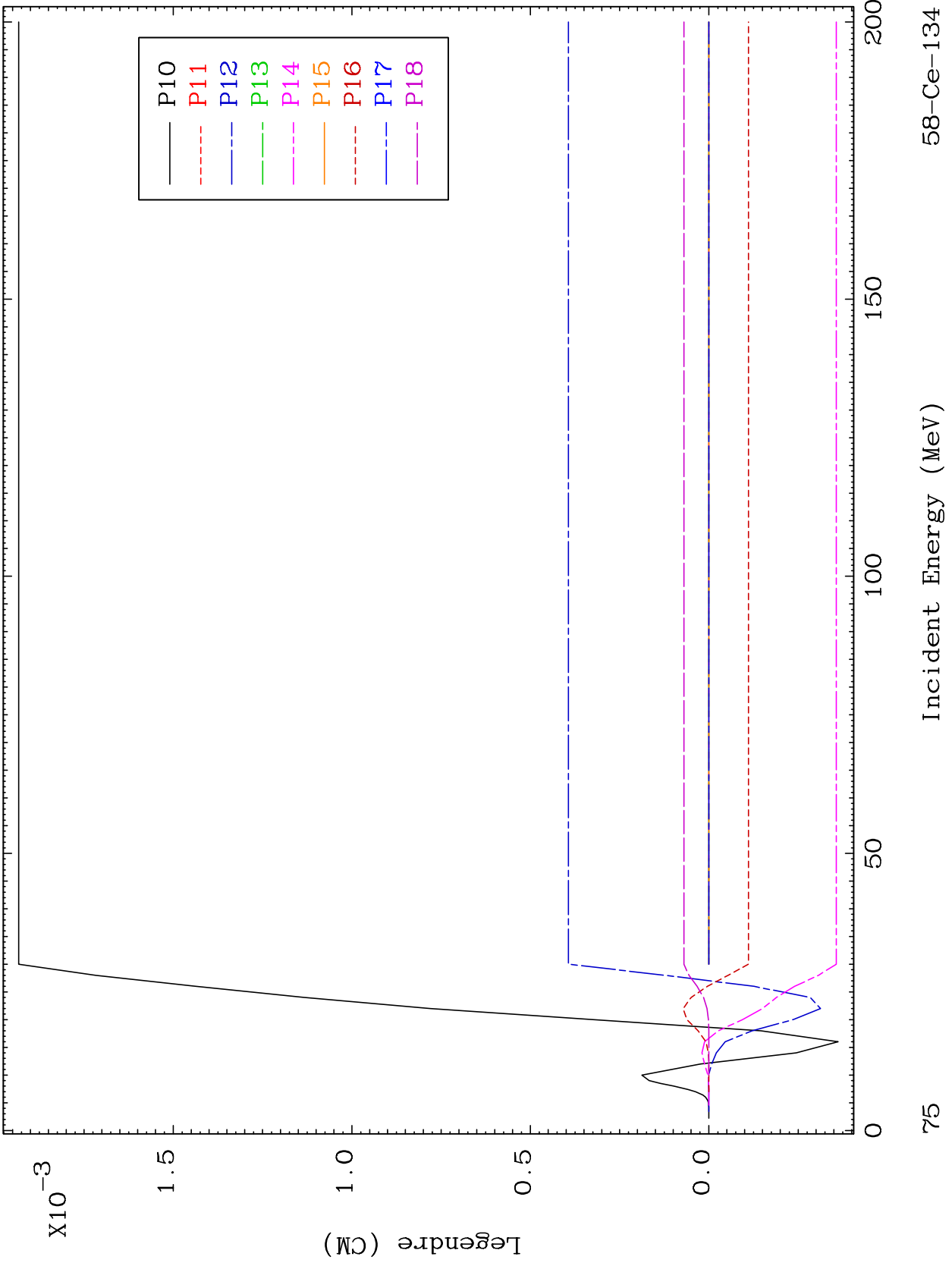




MAT 5819

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

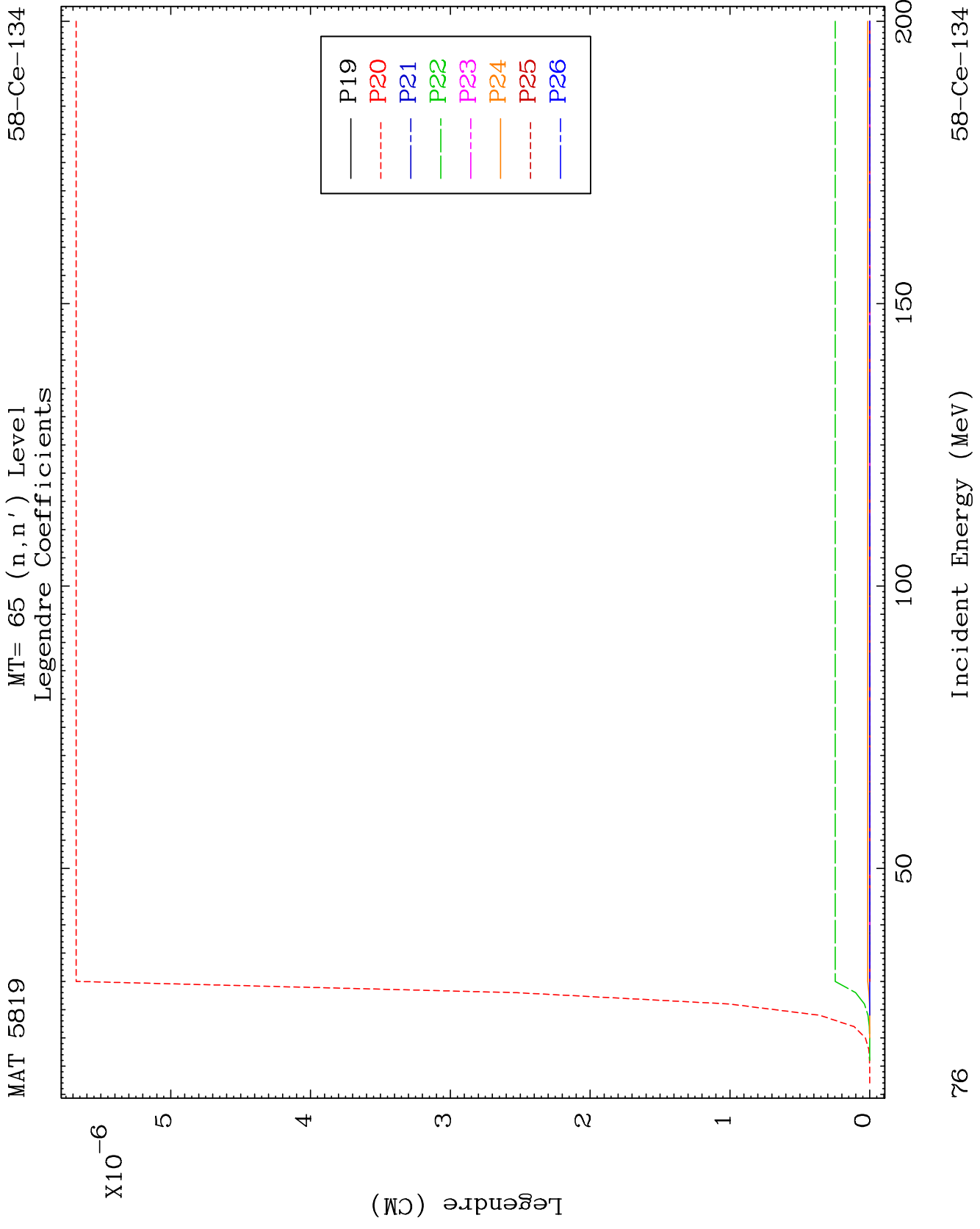
58-Ce-134



75

58-Ce-134

200



58-Ce-134

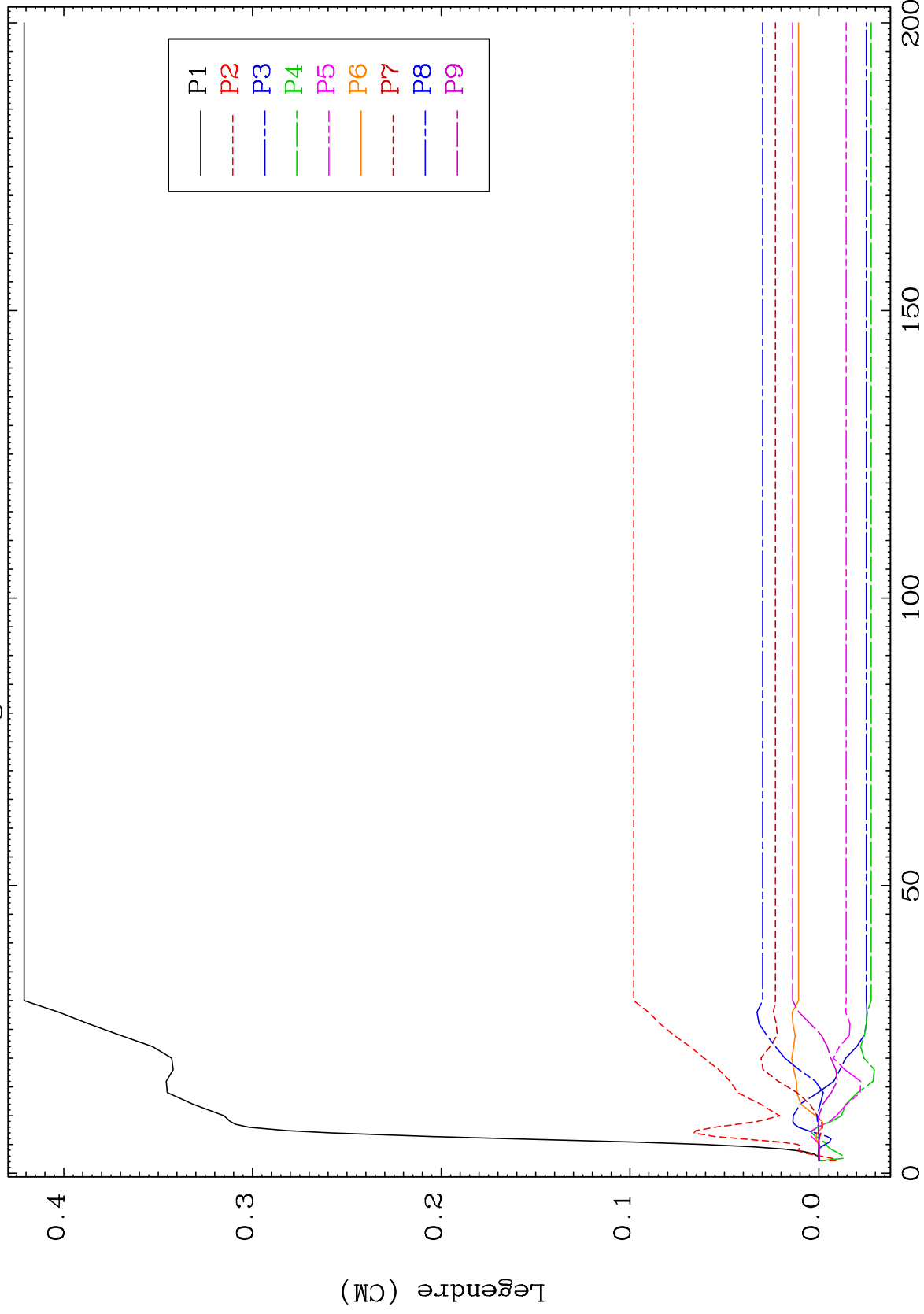
Incident Energy (MeV)

76

MAT 5819

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

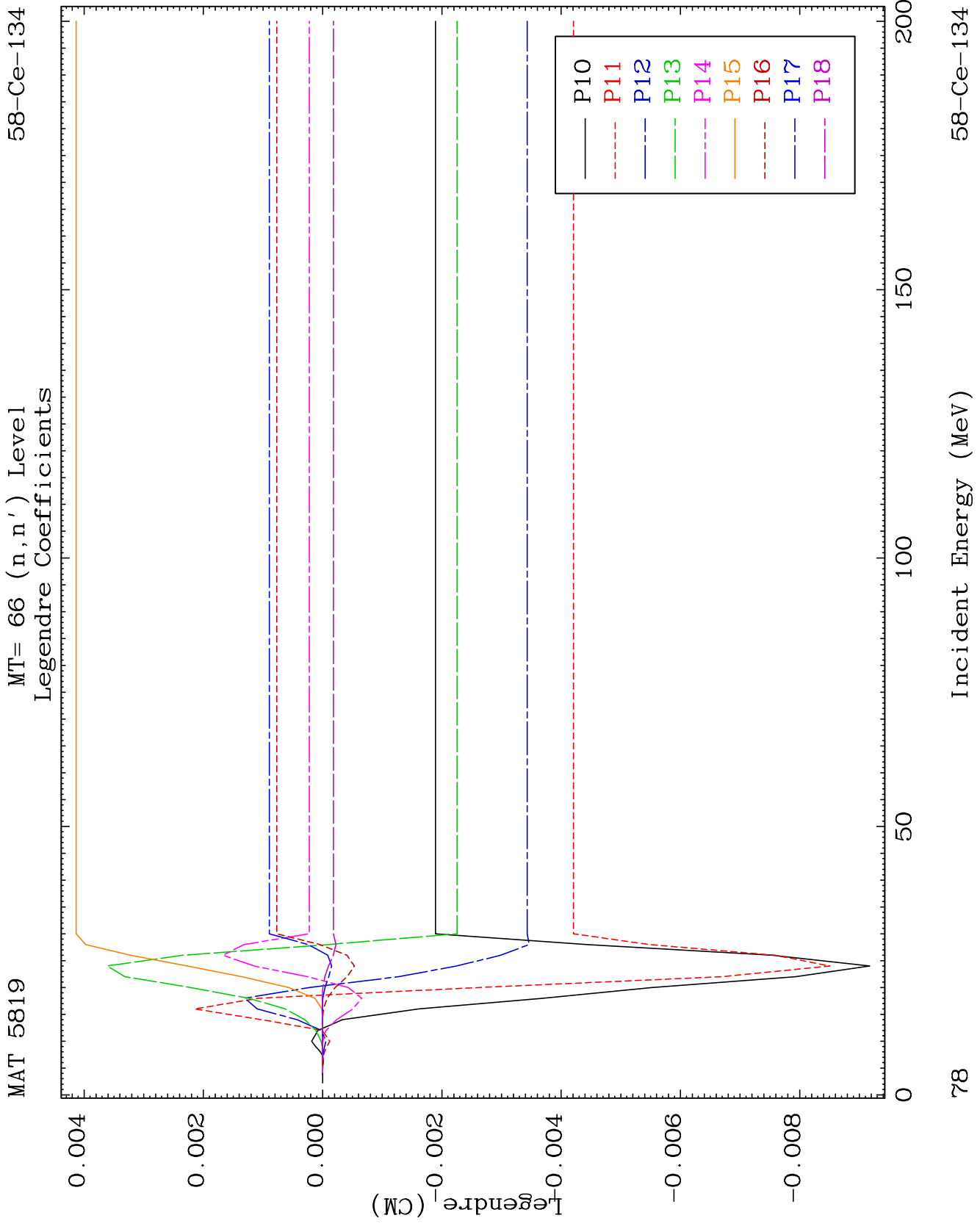
58-Ce-134



77

Incident Energy (MeV)

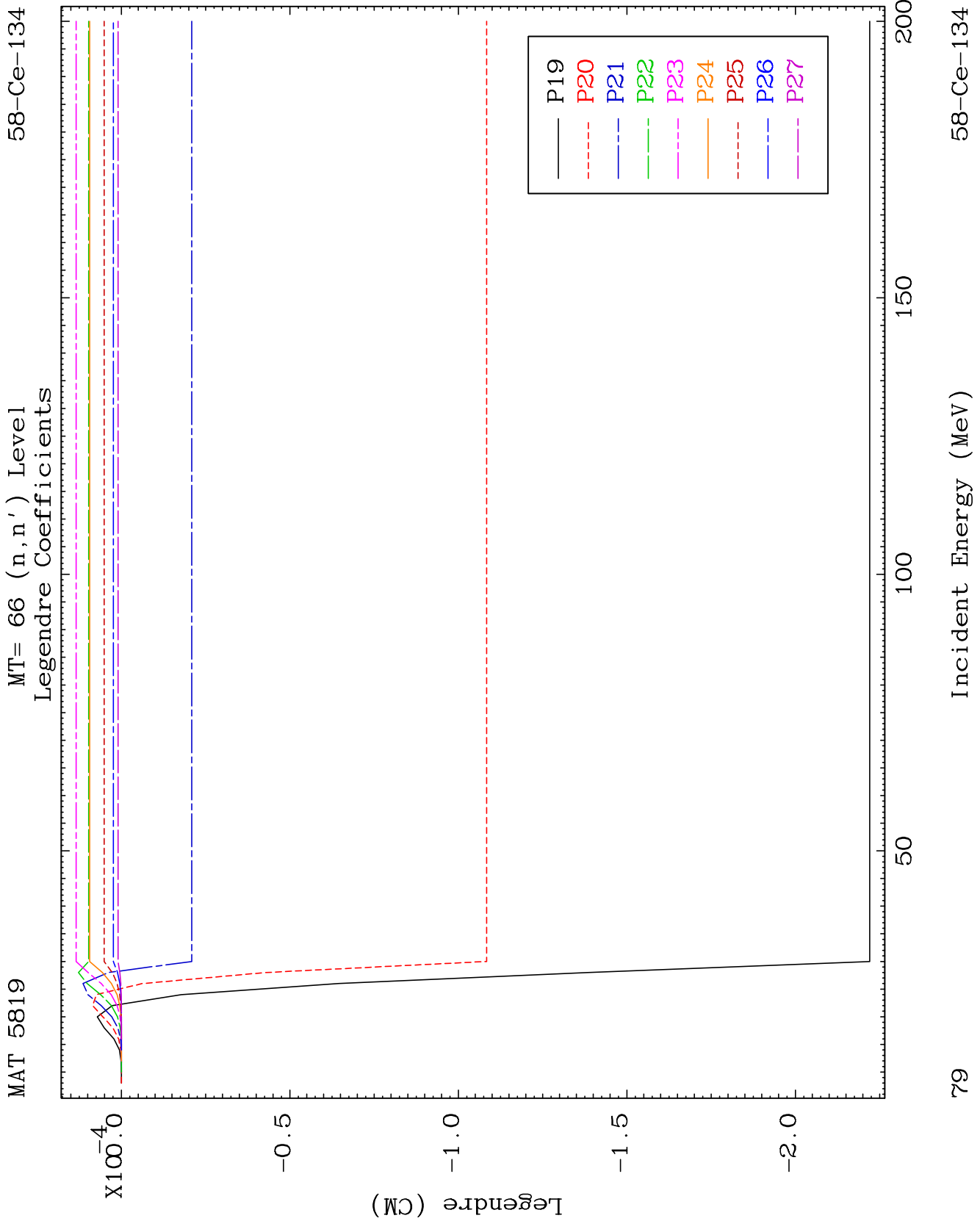
58-Ce-134



58-Ce-134

Incident Energy (MeV)

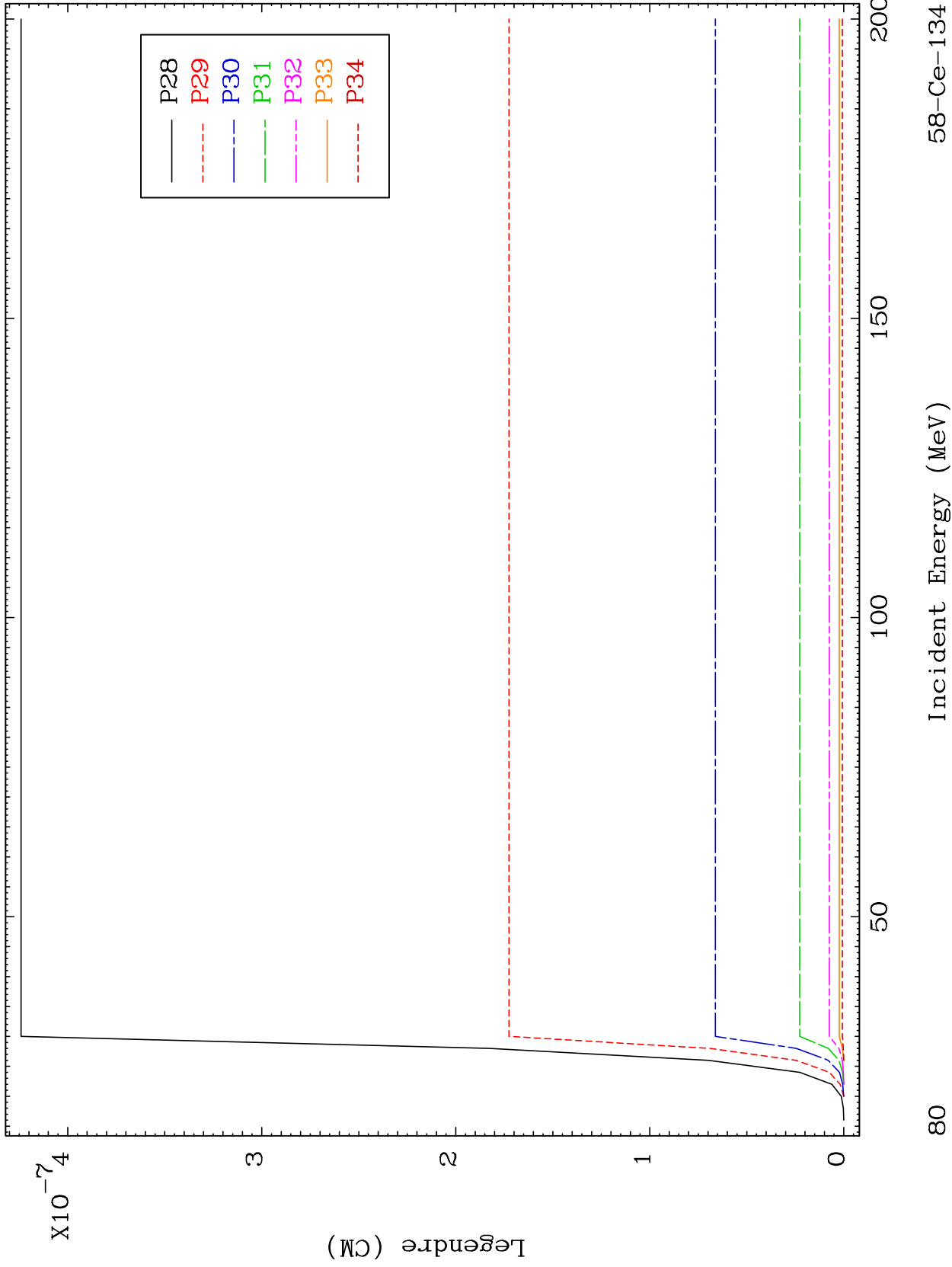
78

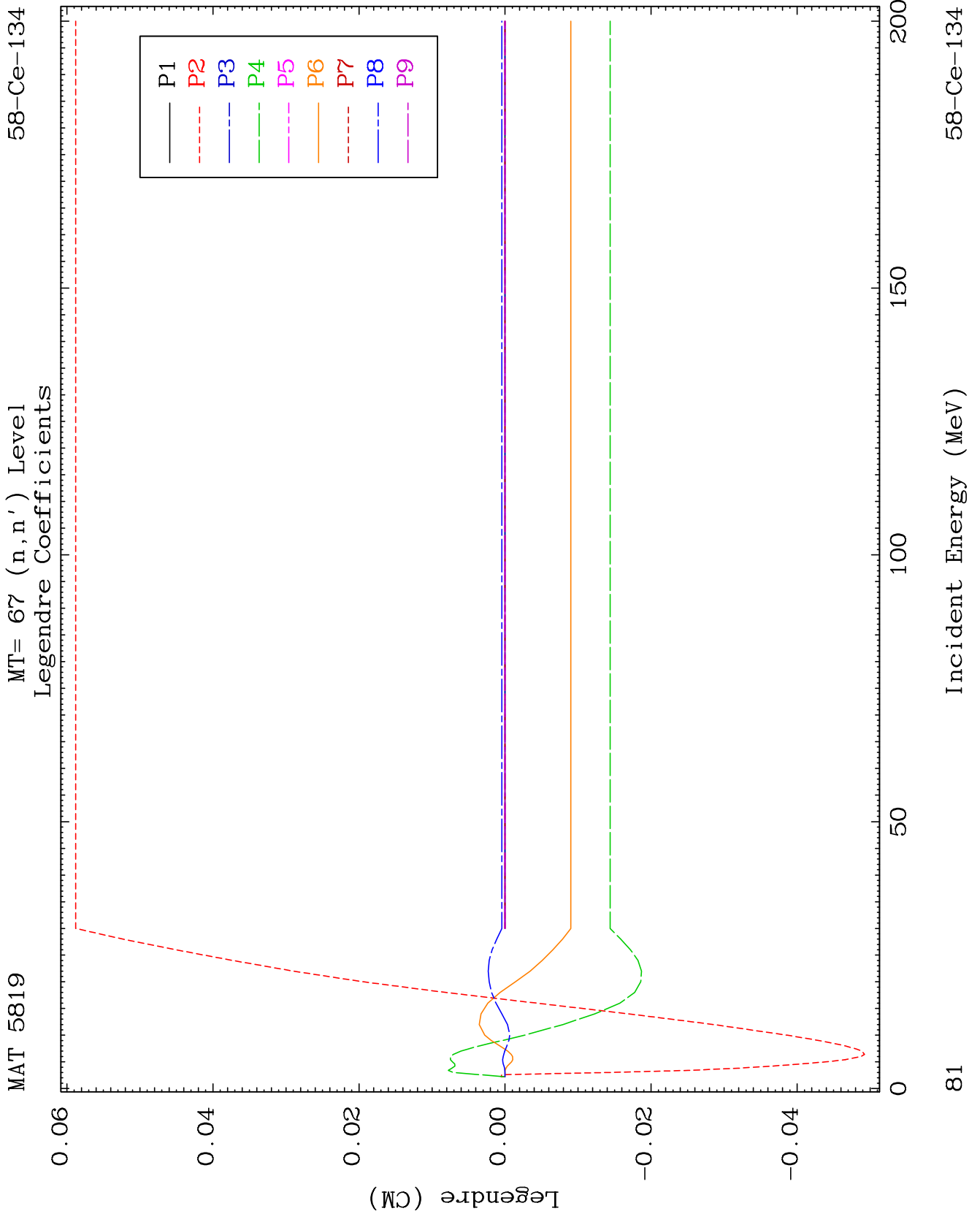


MAT 5819

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

58-Ce-134

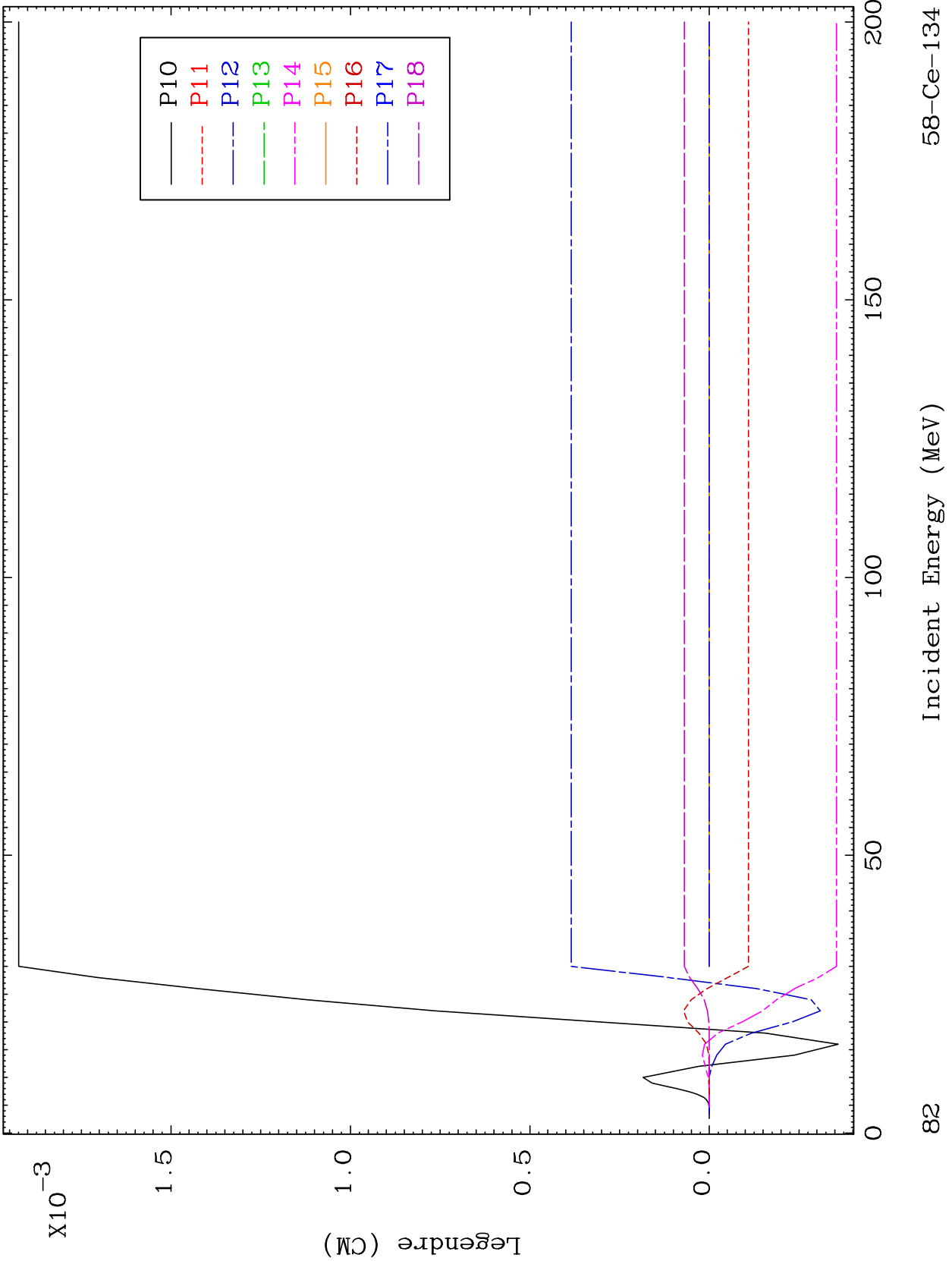




MAT 5819

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

58-Ce-134



82

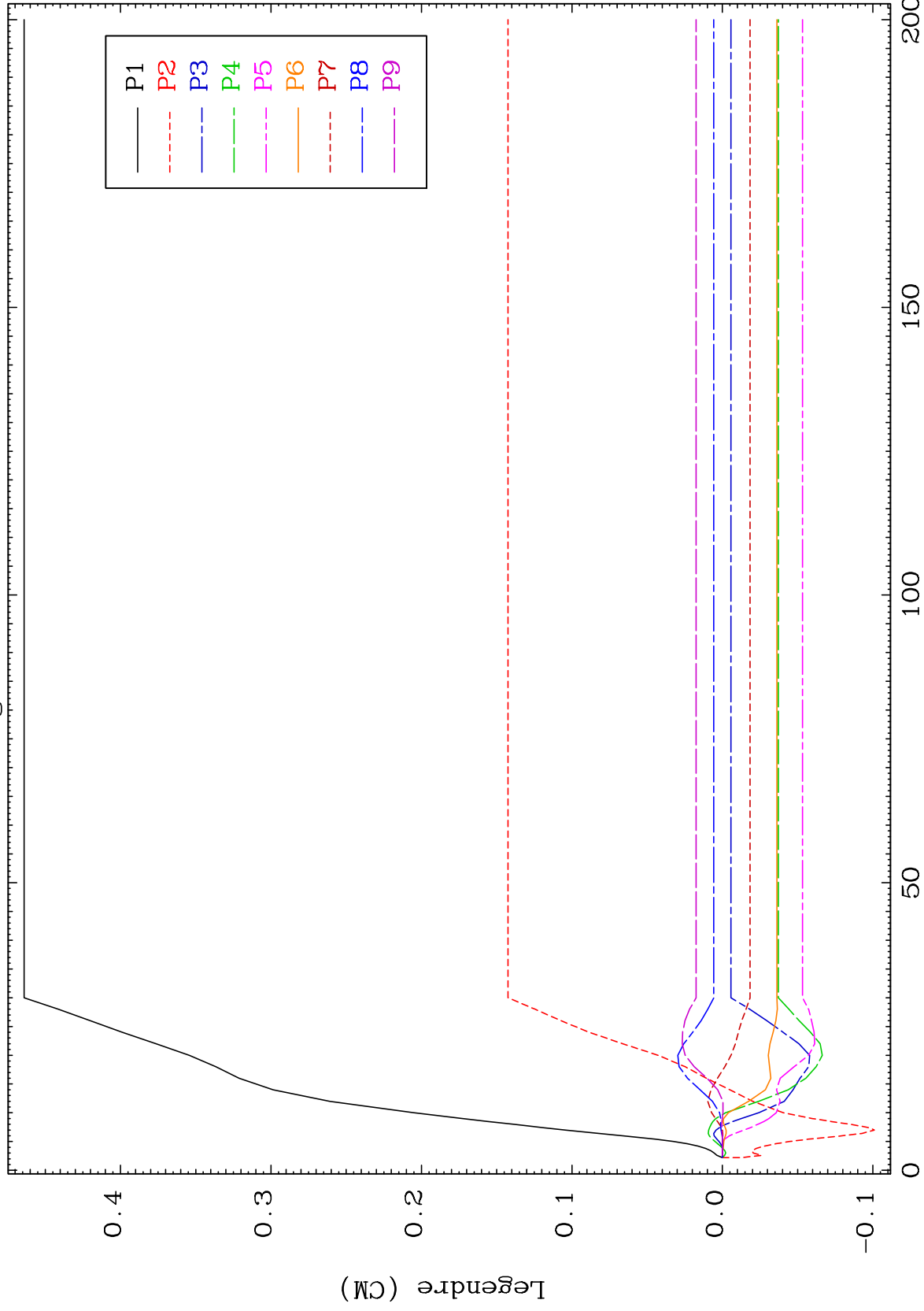
58-Ce-134



MAT 5819

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

58-Ce-134



84

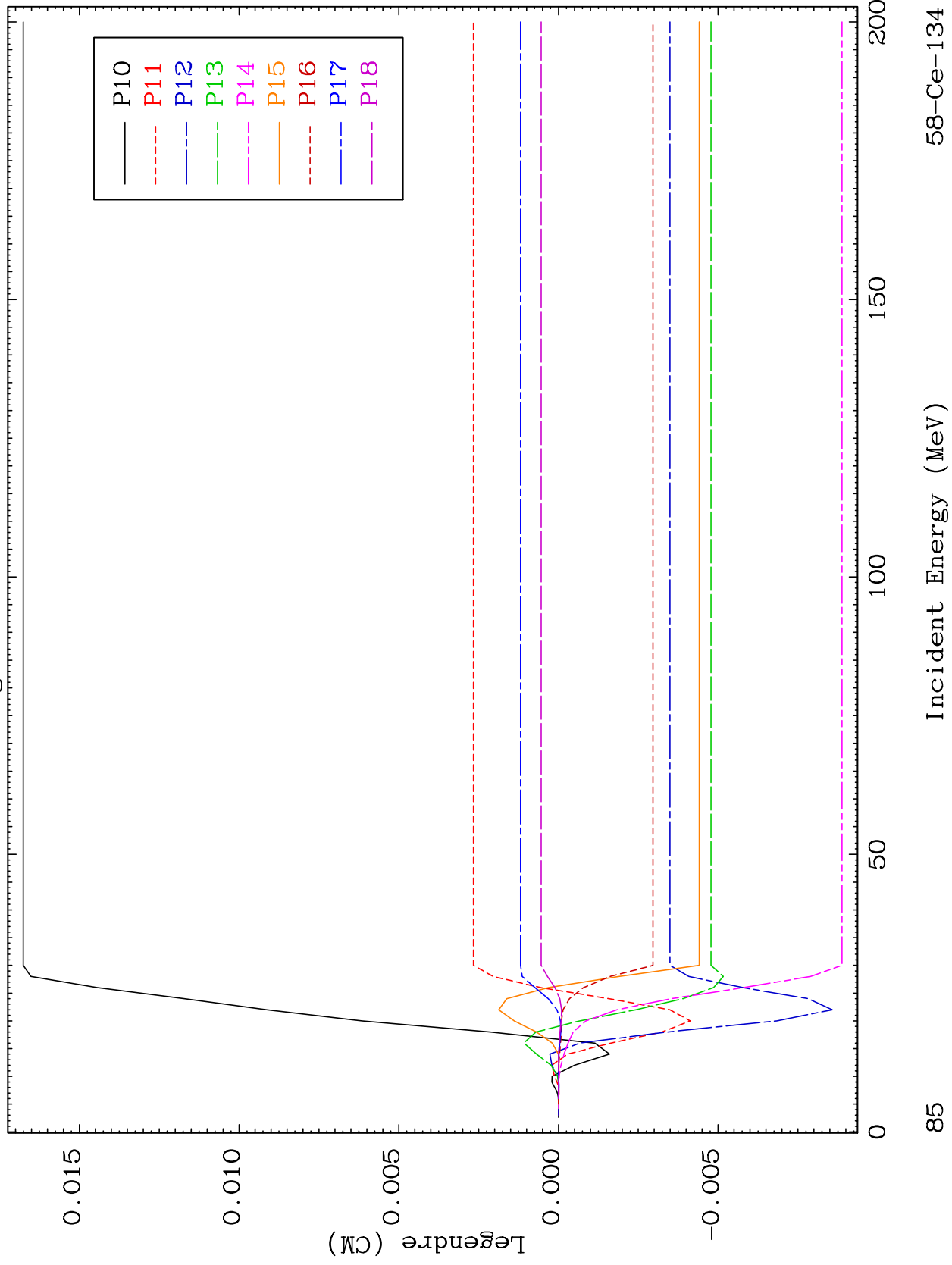
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

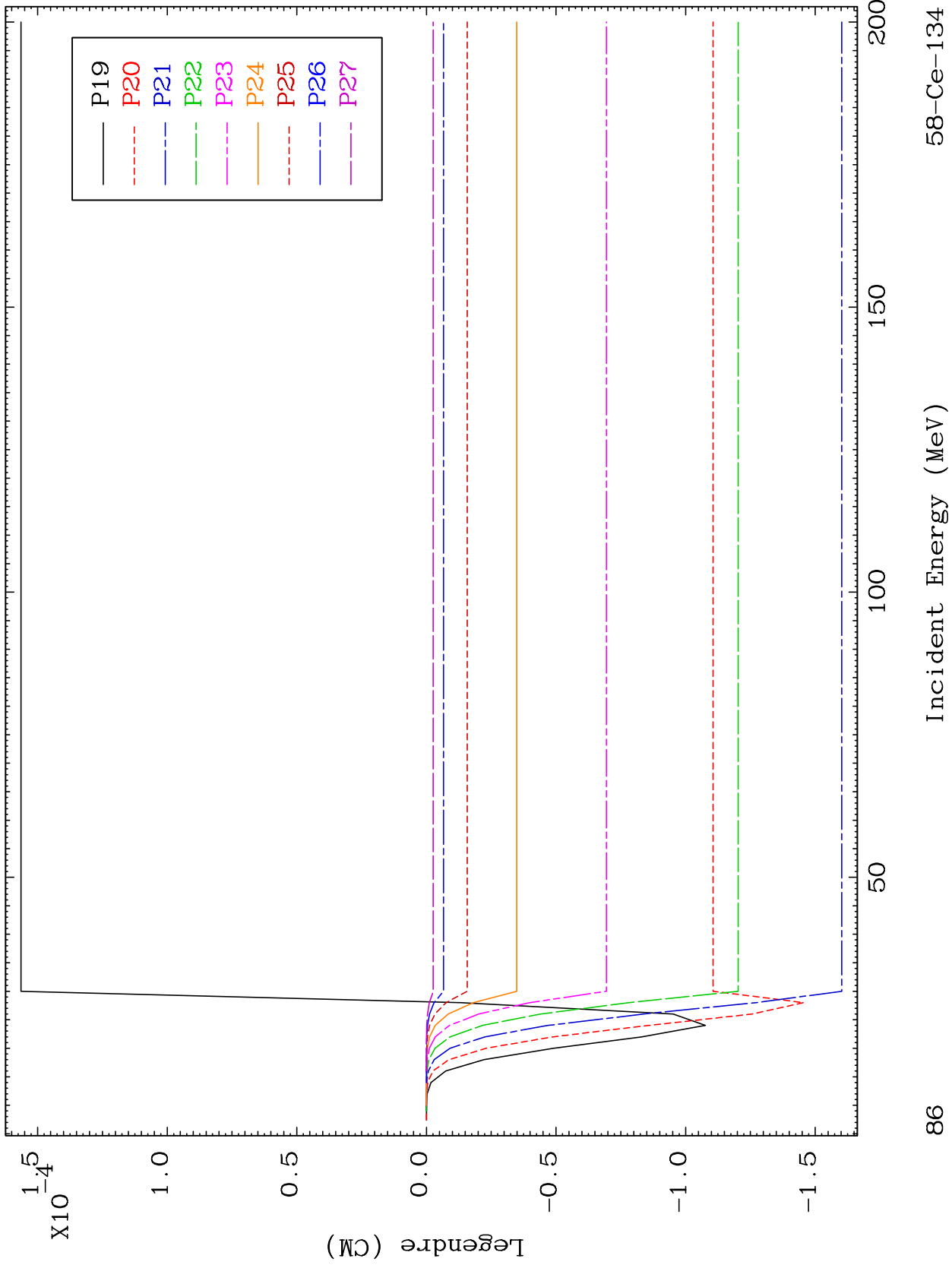


85

MAT 5819

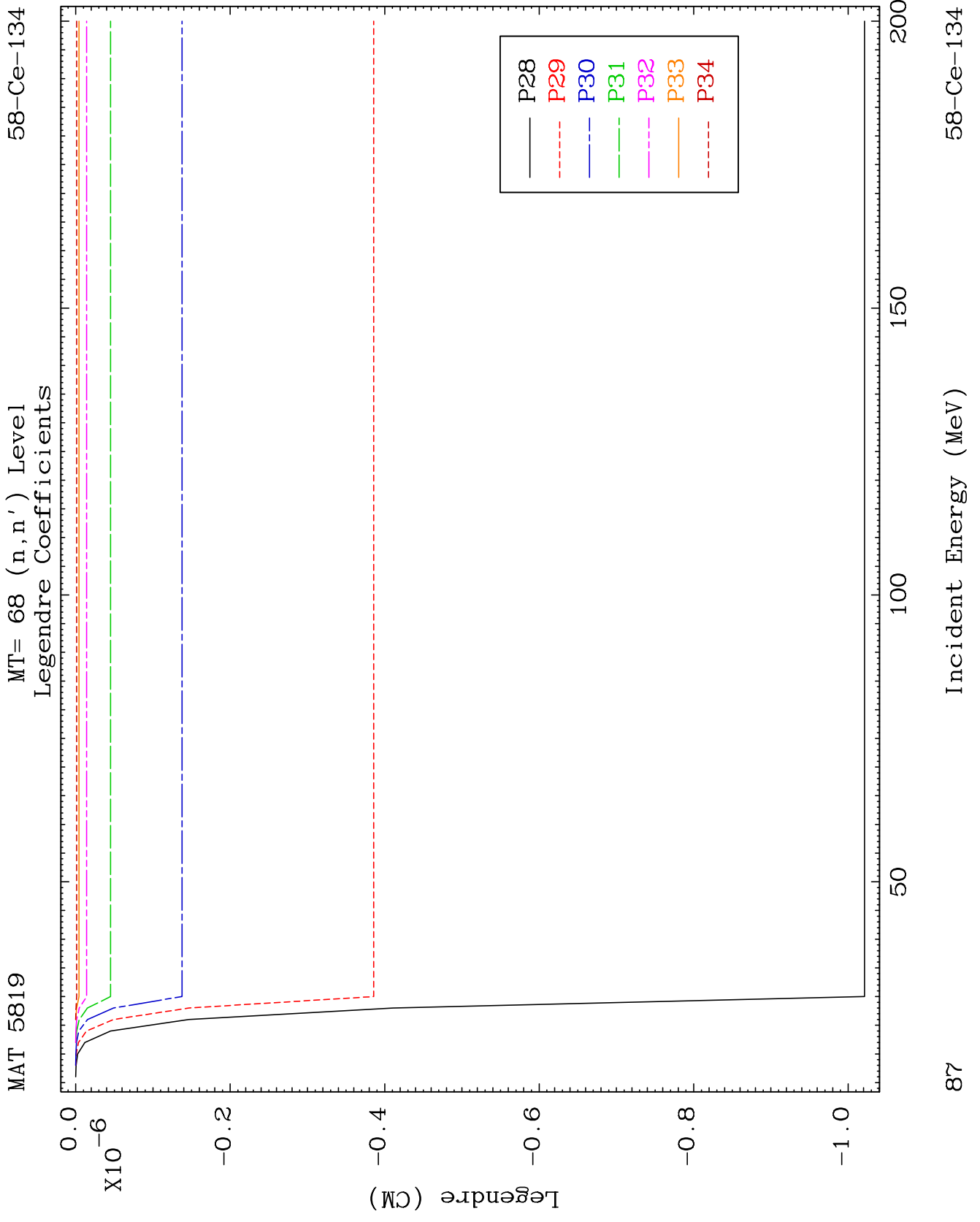
MT= 68 (n,n') Level  
Legendre Coefficients

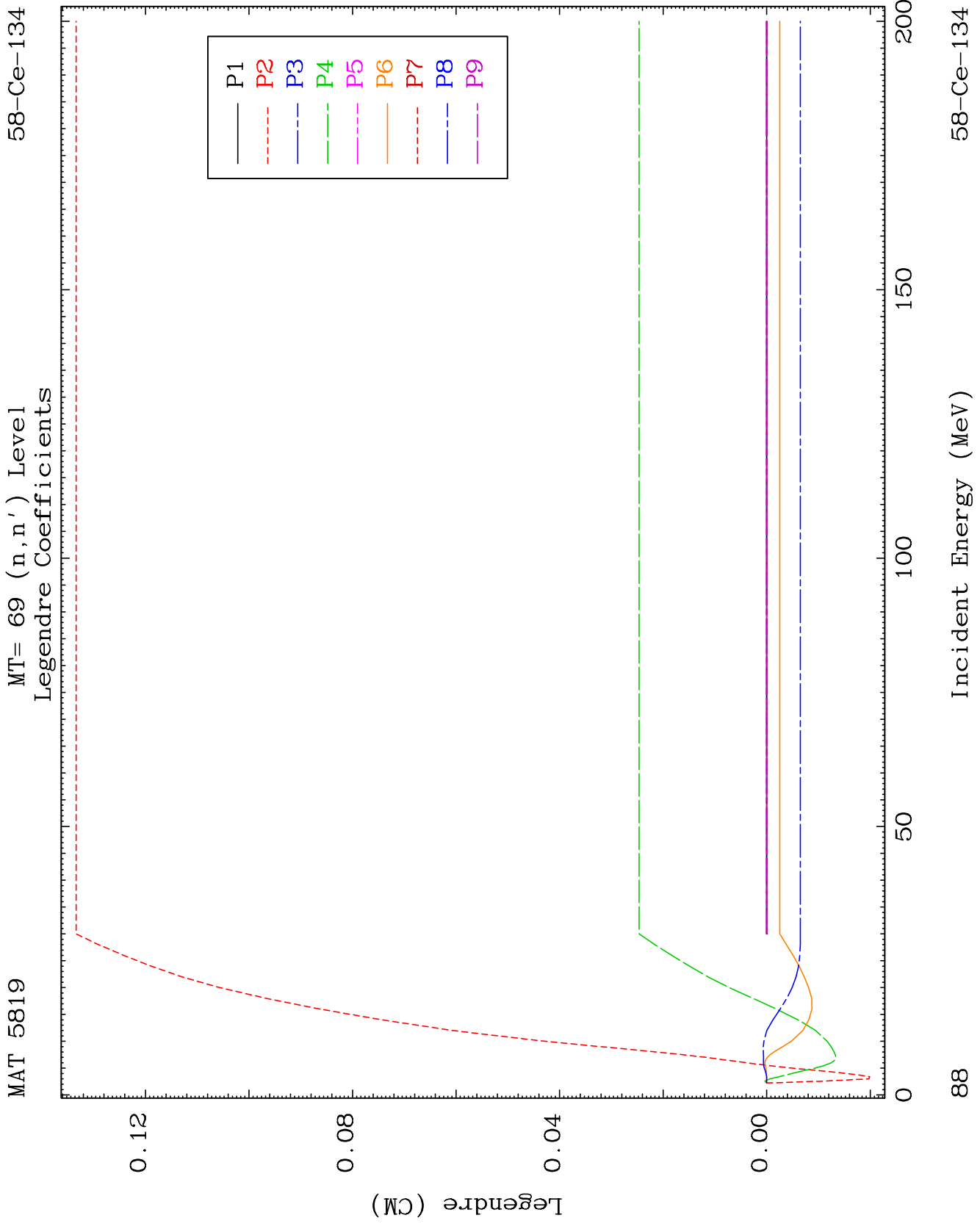
58-Ce-134



86

58-Ce-134

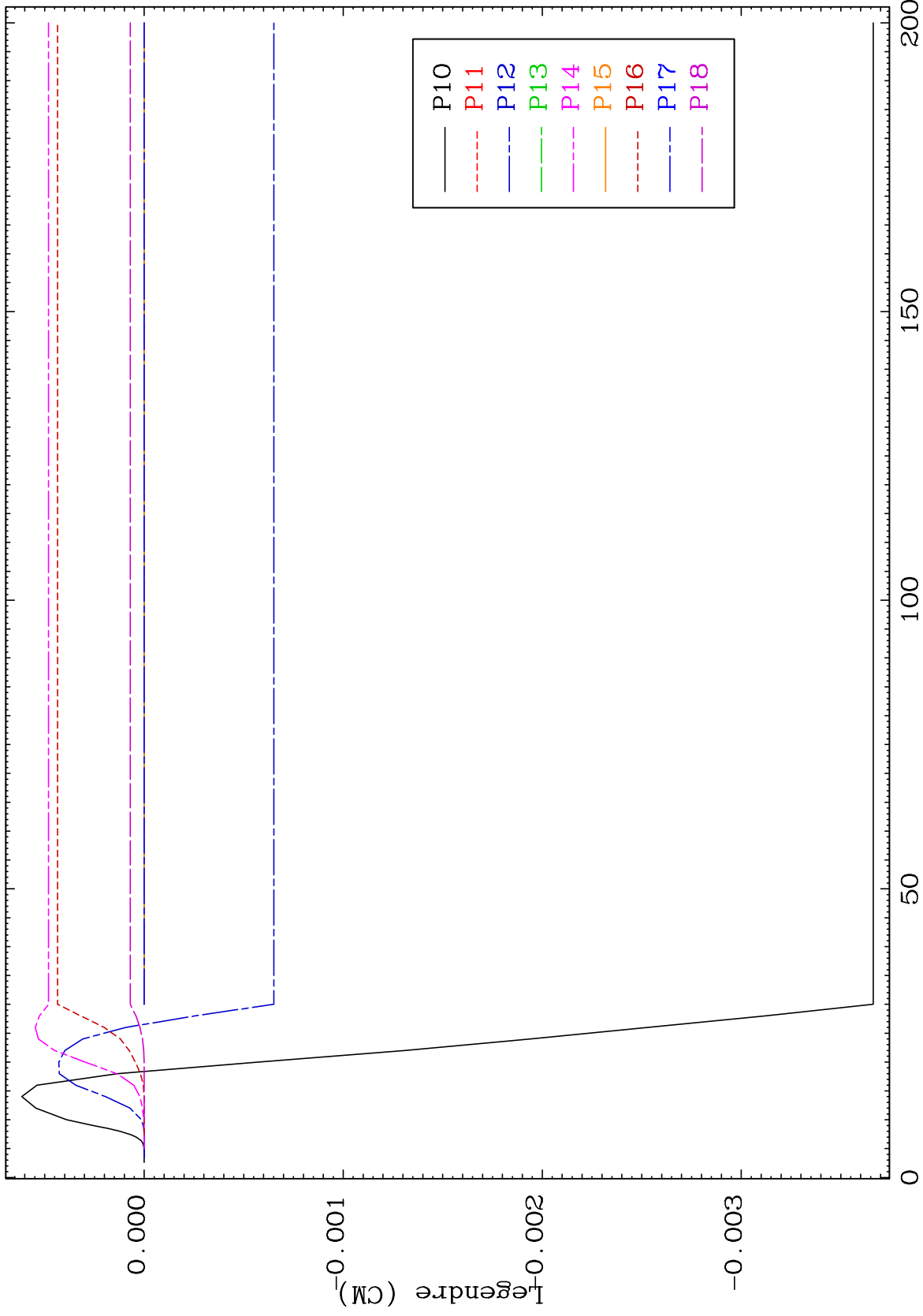




MAT 5819

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

58-Ce-134

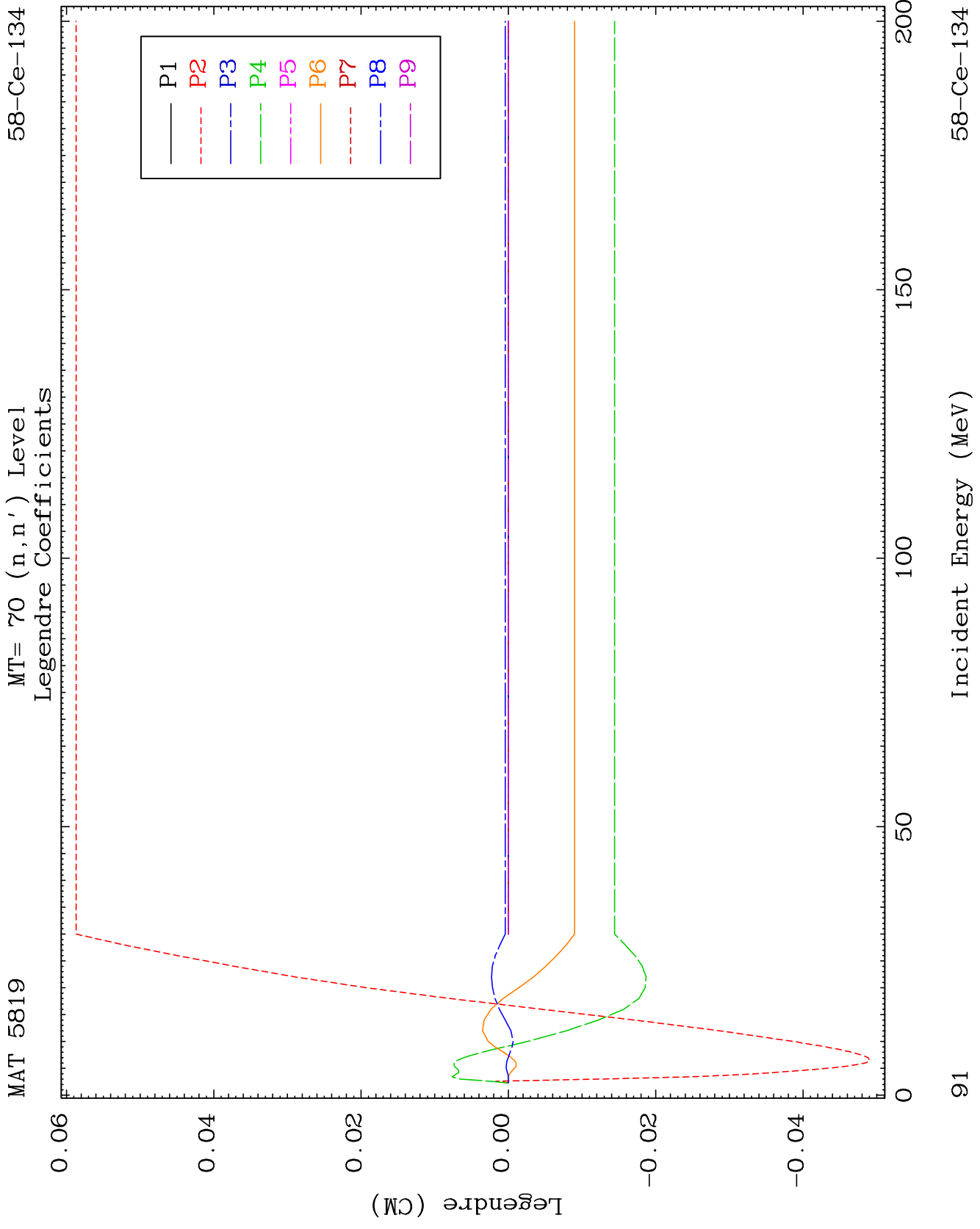


89

Incident Energy (MeV)

58-Ce-134

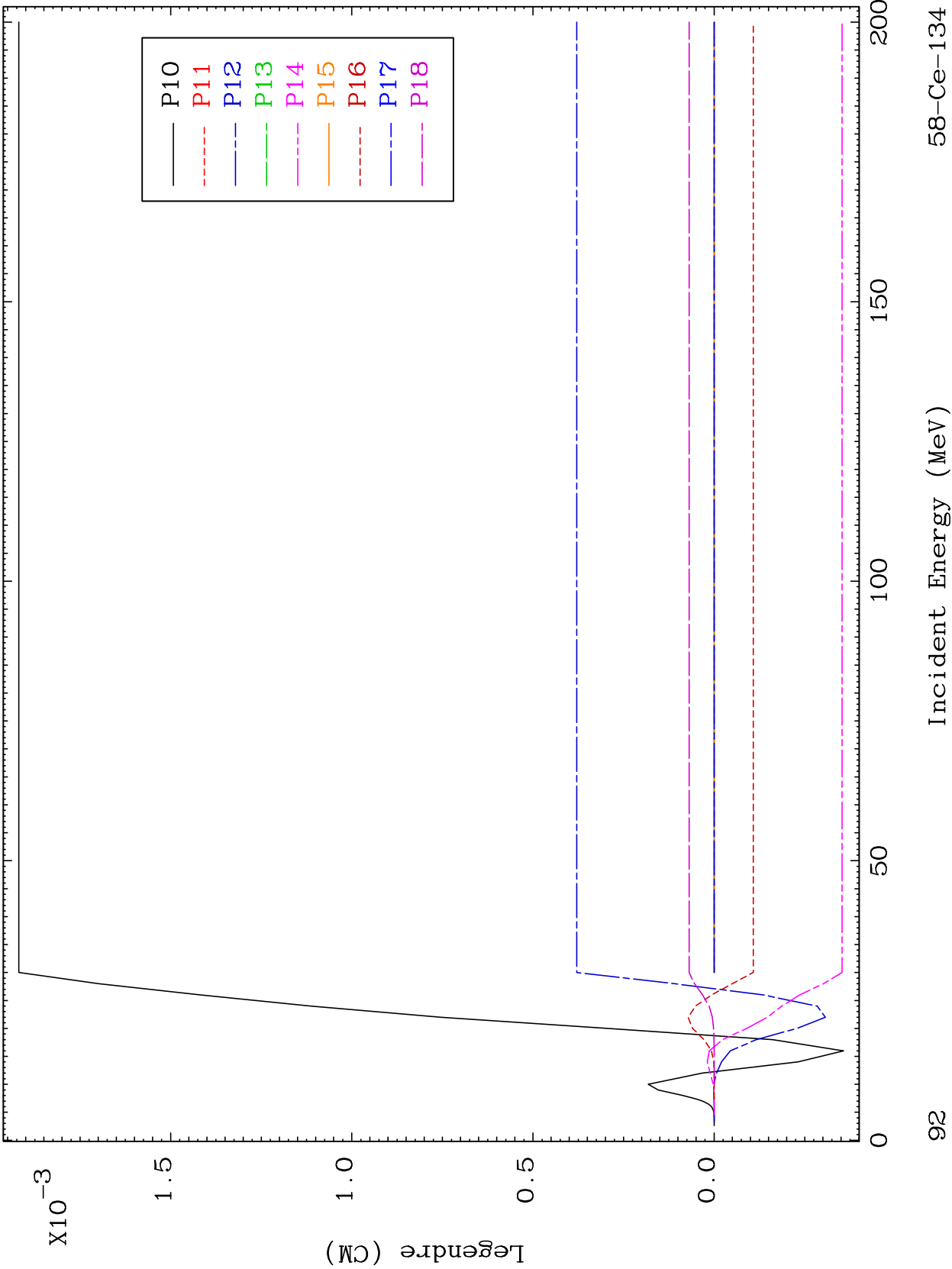




MAT 5819

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

58-Ce-134

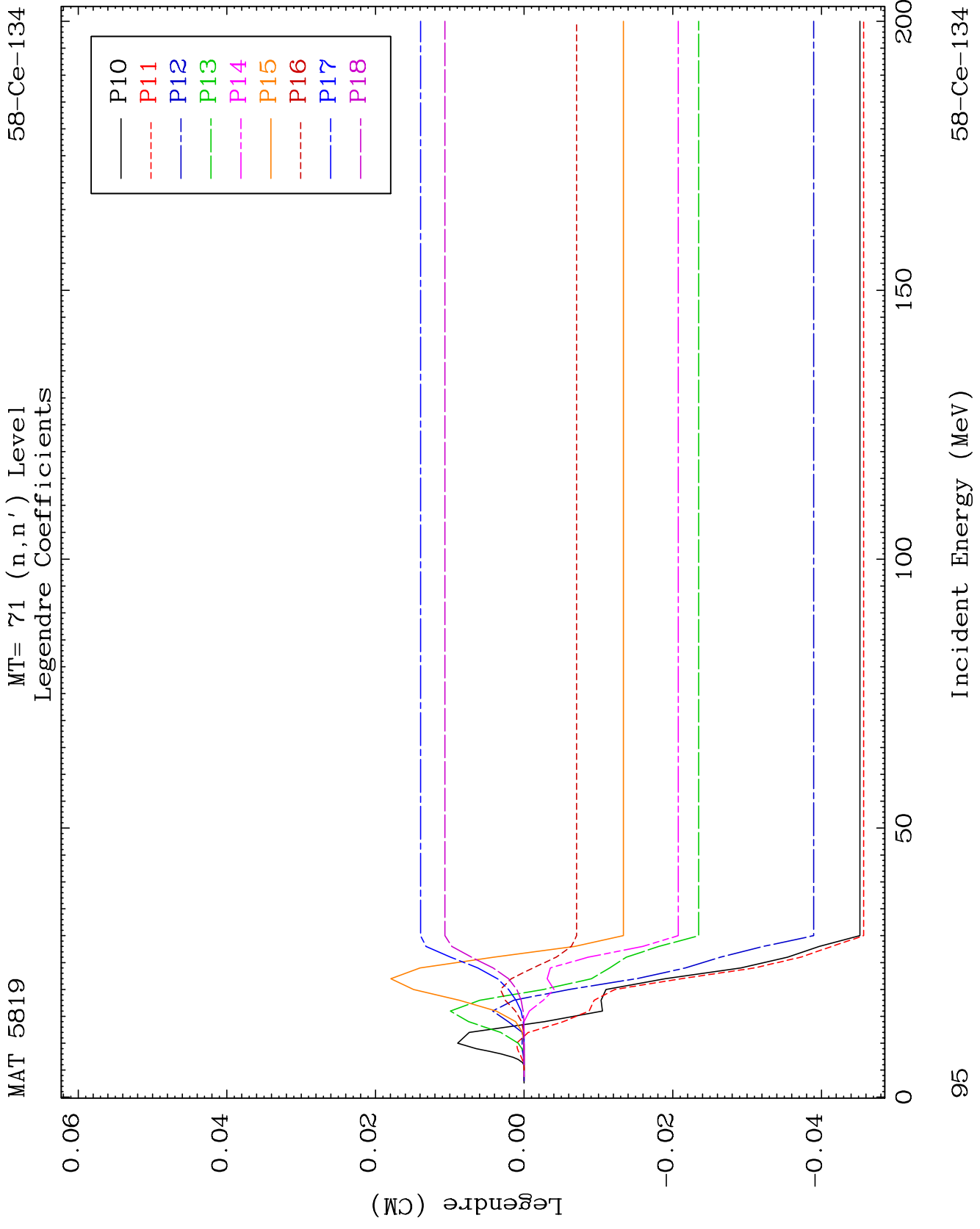


92

58-Ce-134



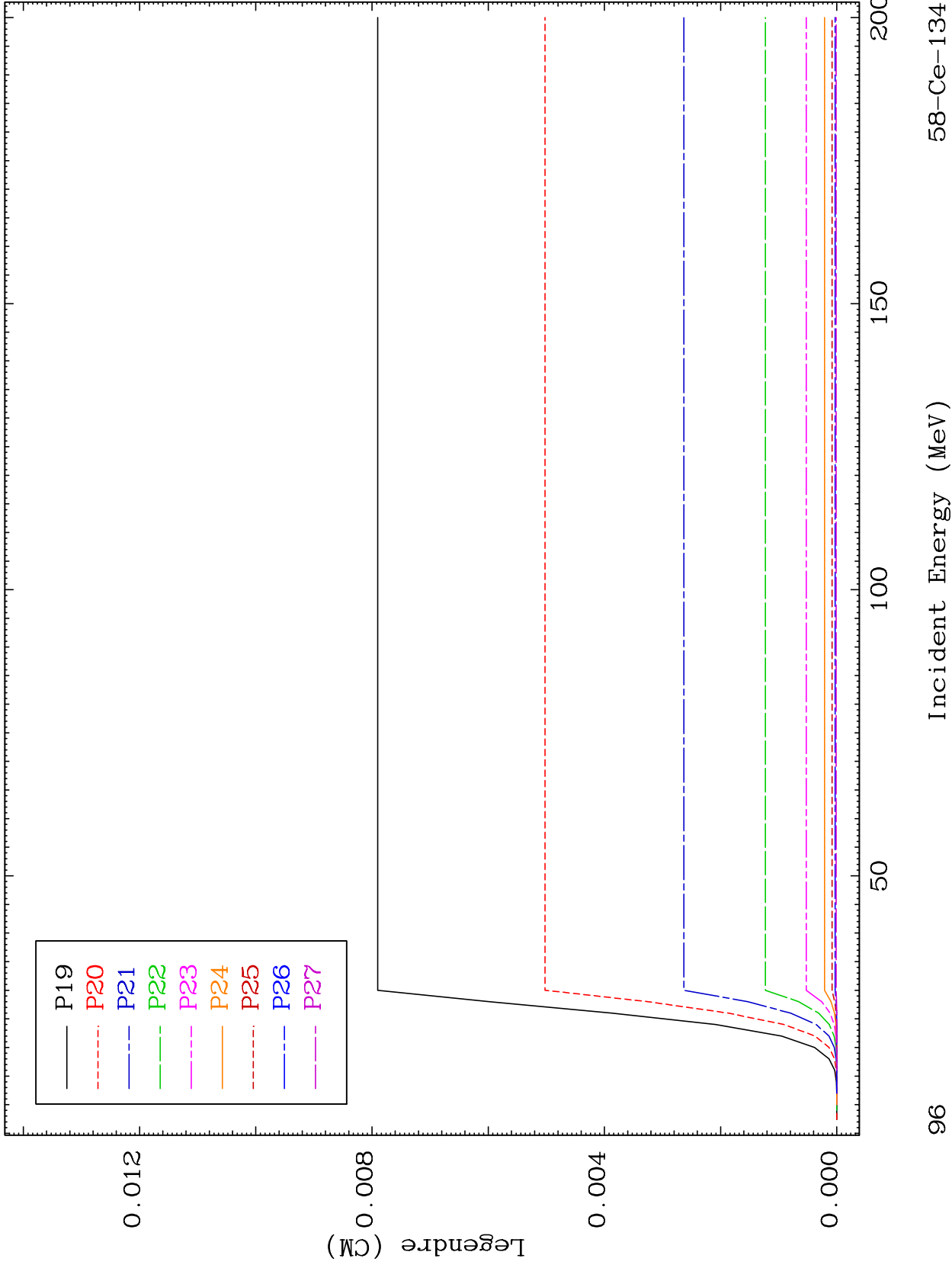




MAT 5819

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

58-Ce-134



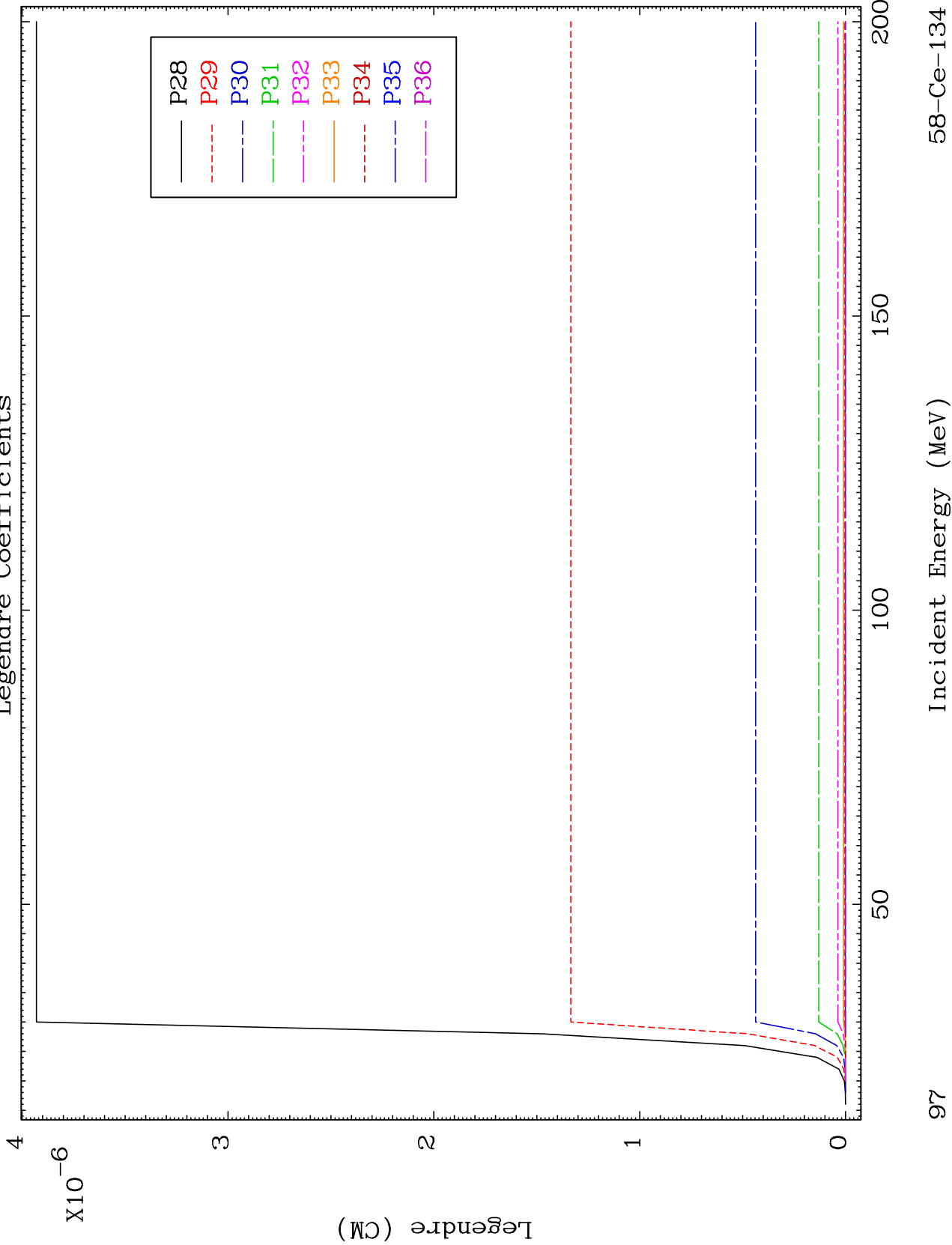
96

58-Ce-134

MAT 5819

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

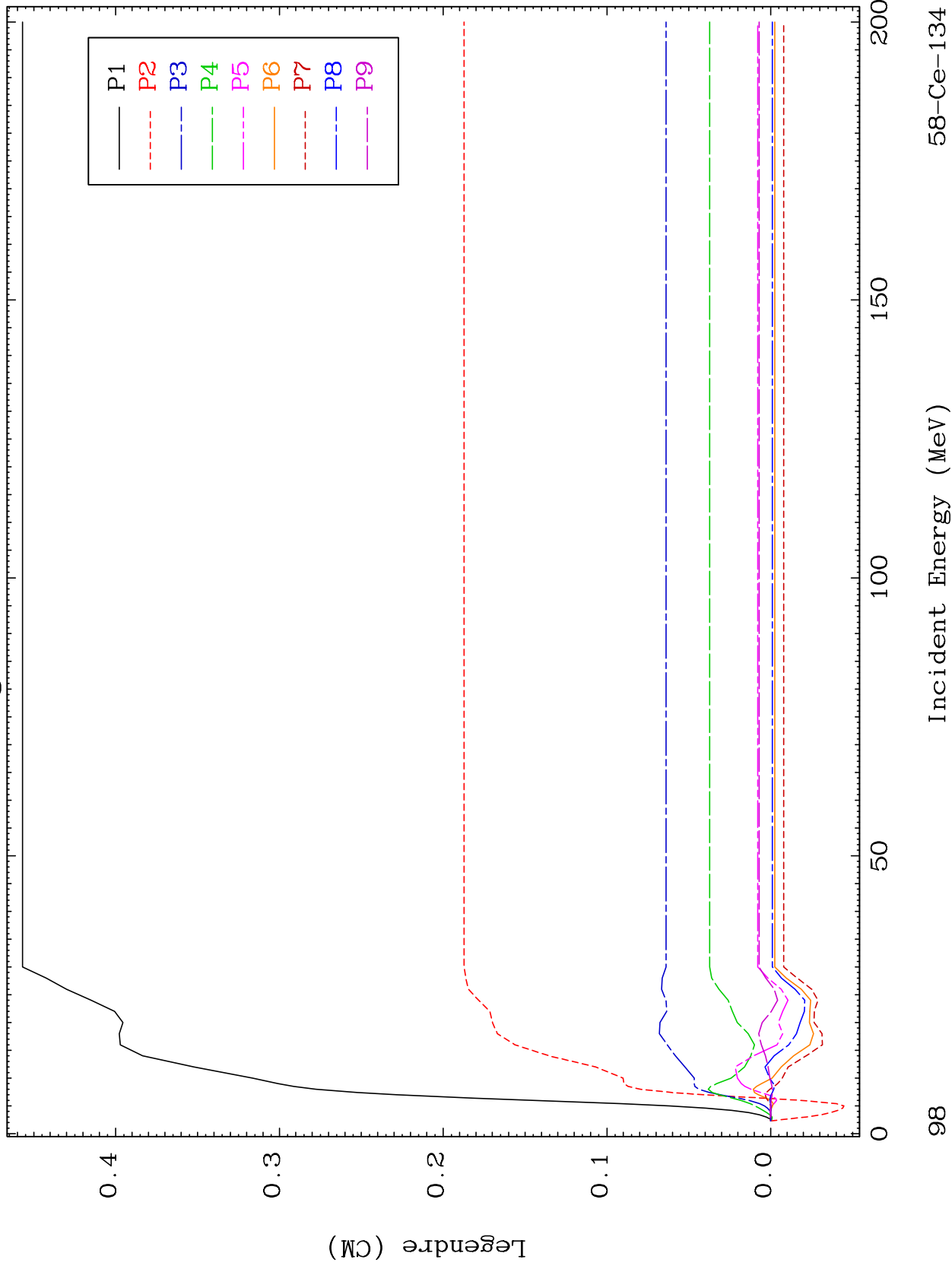
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

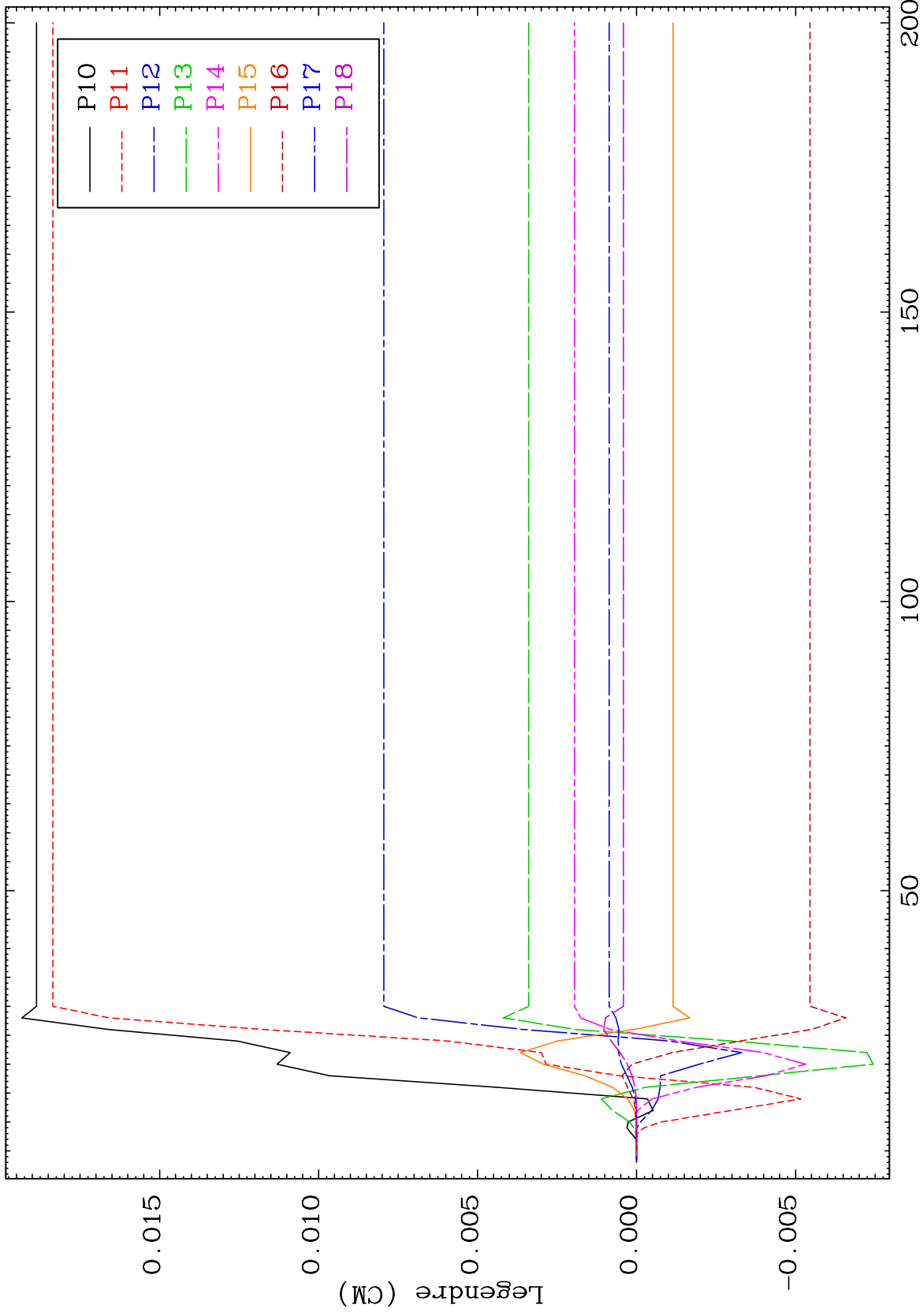
Incident Energy (MeV)

98

MAT 5819

58-Ce-134

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



99

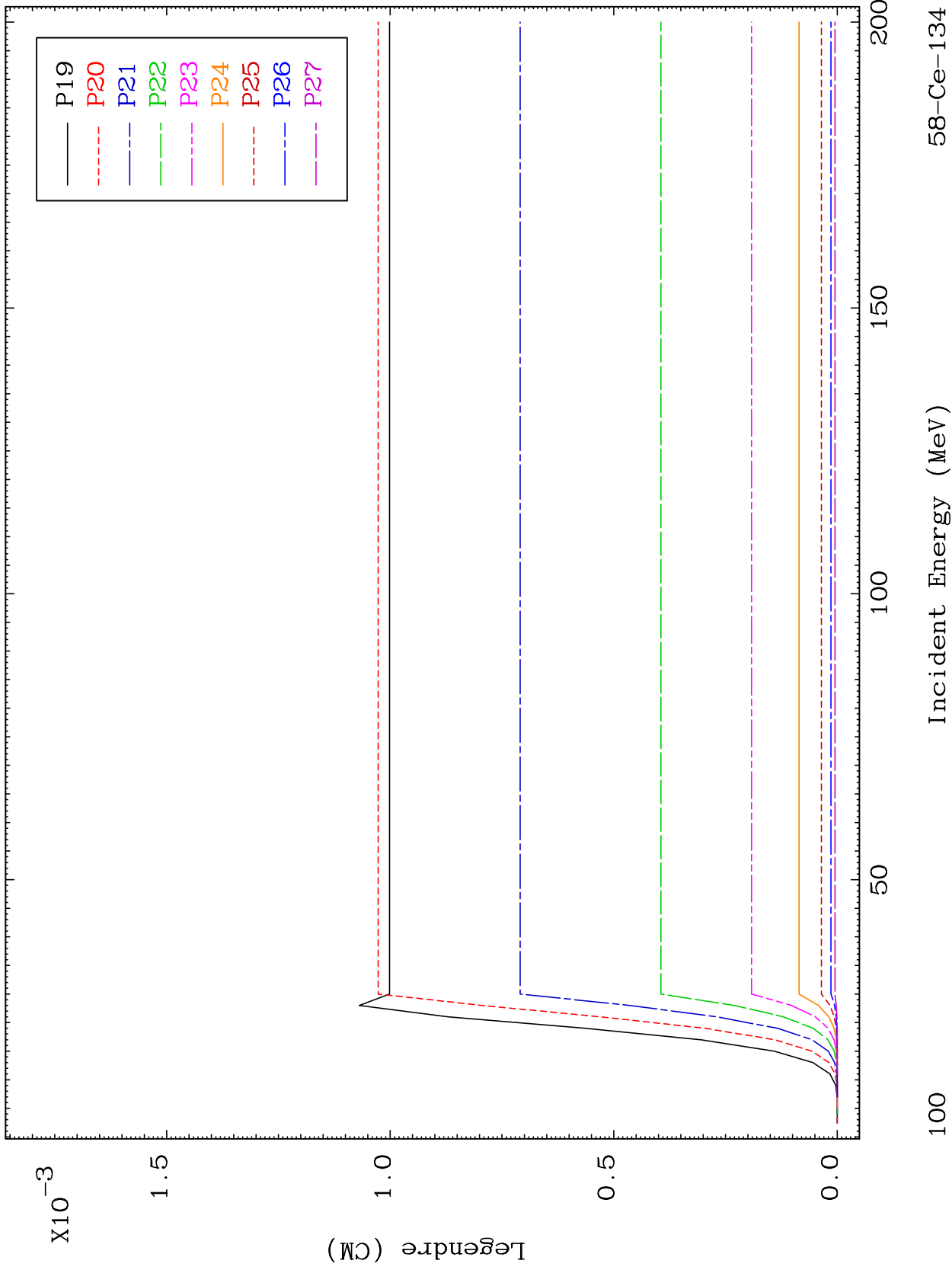
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

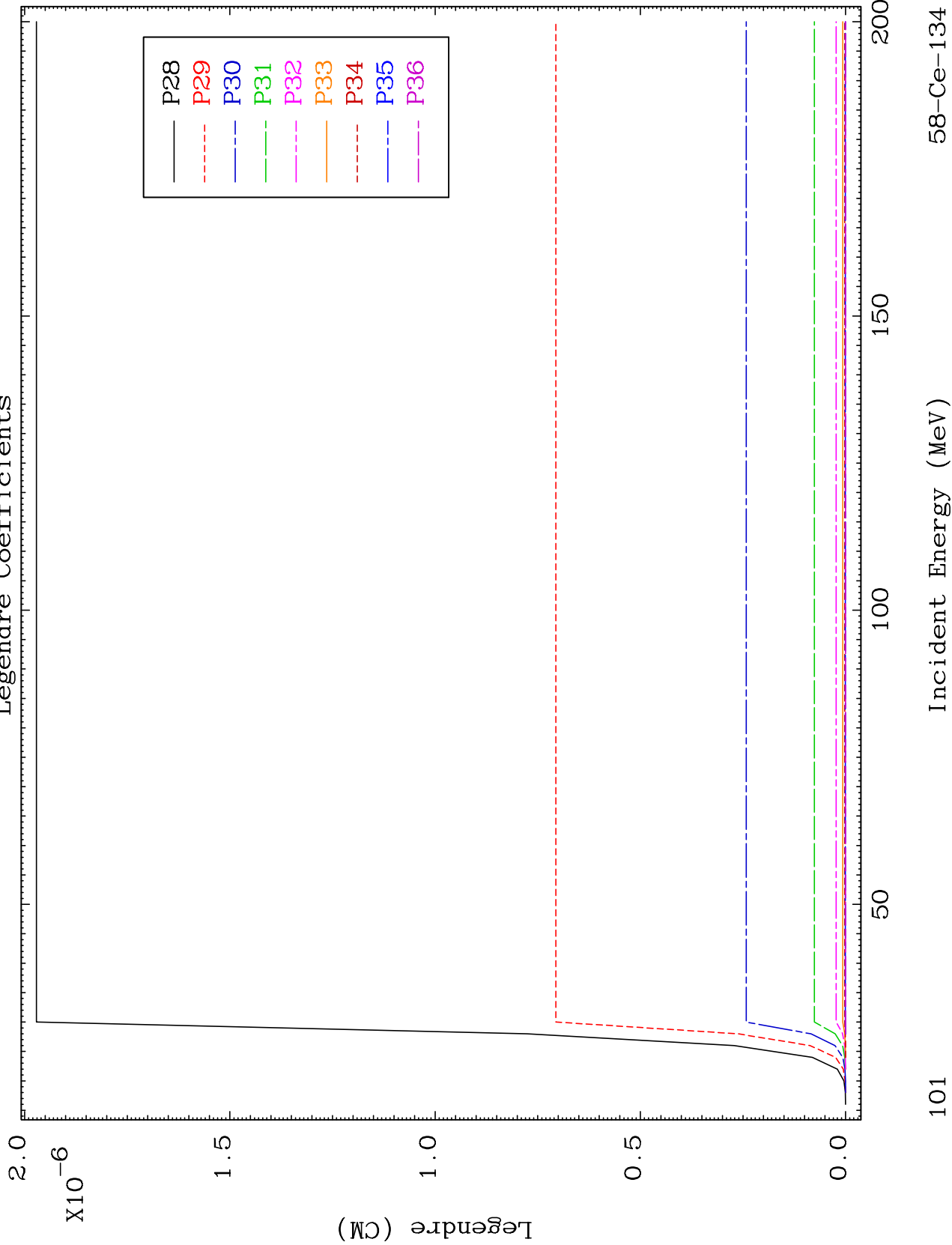
58-Ce-134



MAT 5819

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

58-Ce-134



101

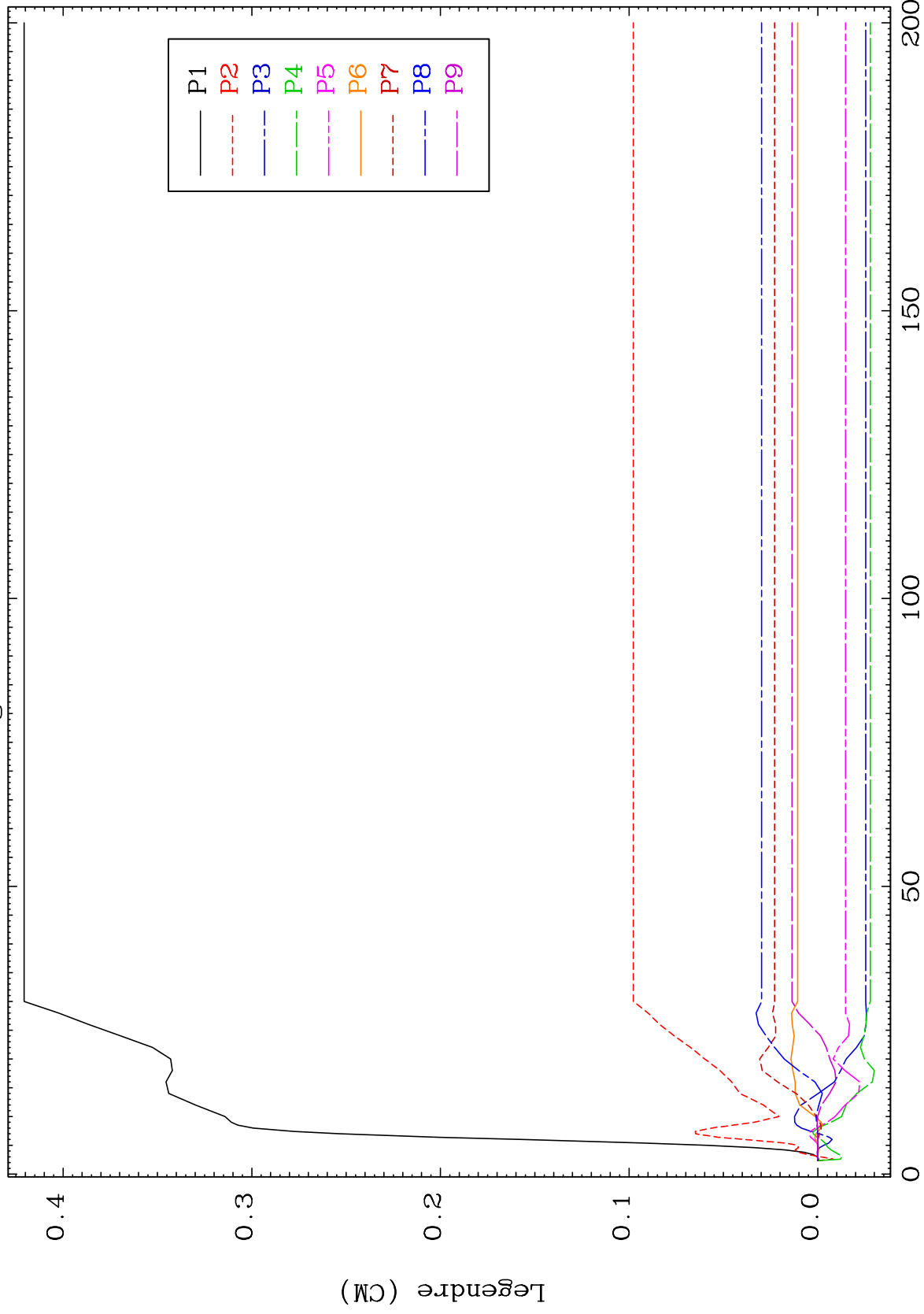
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



102

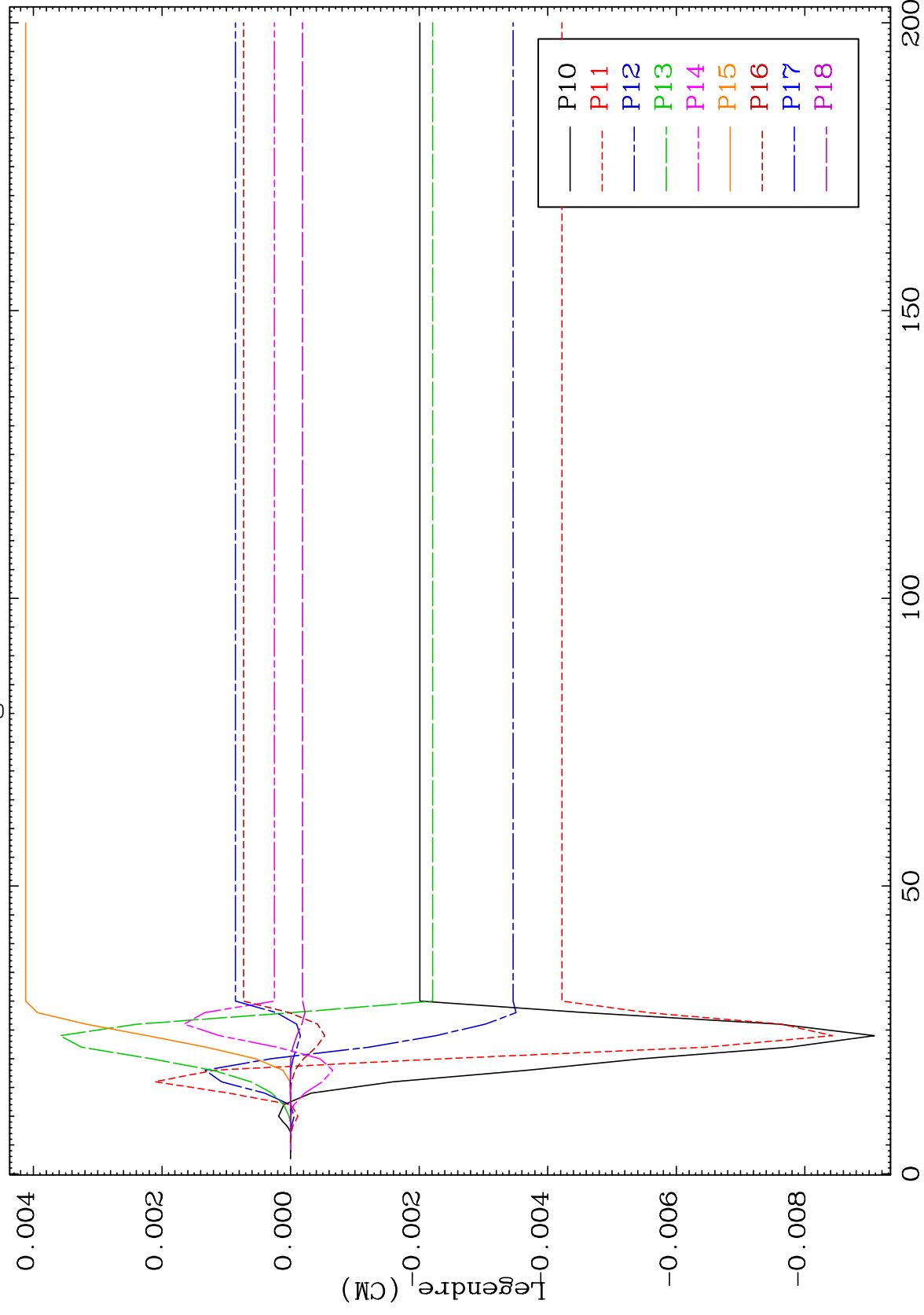
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

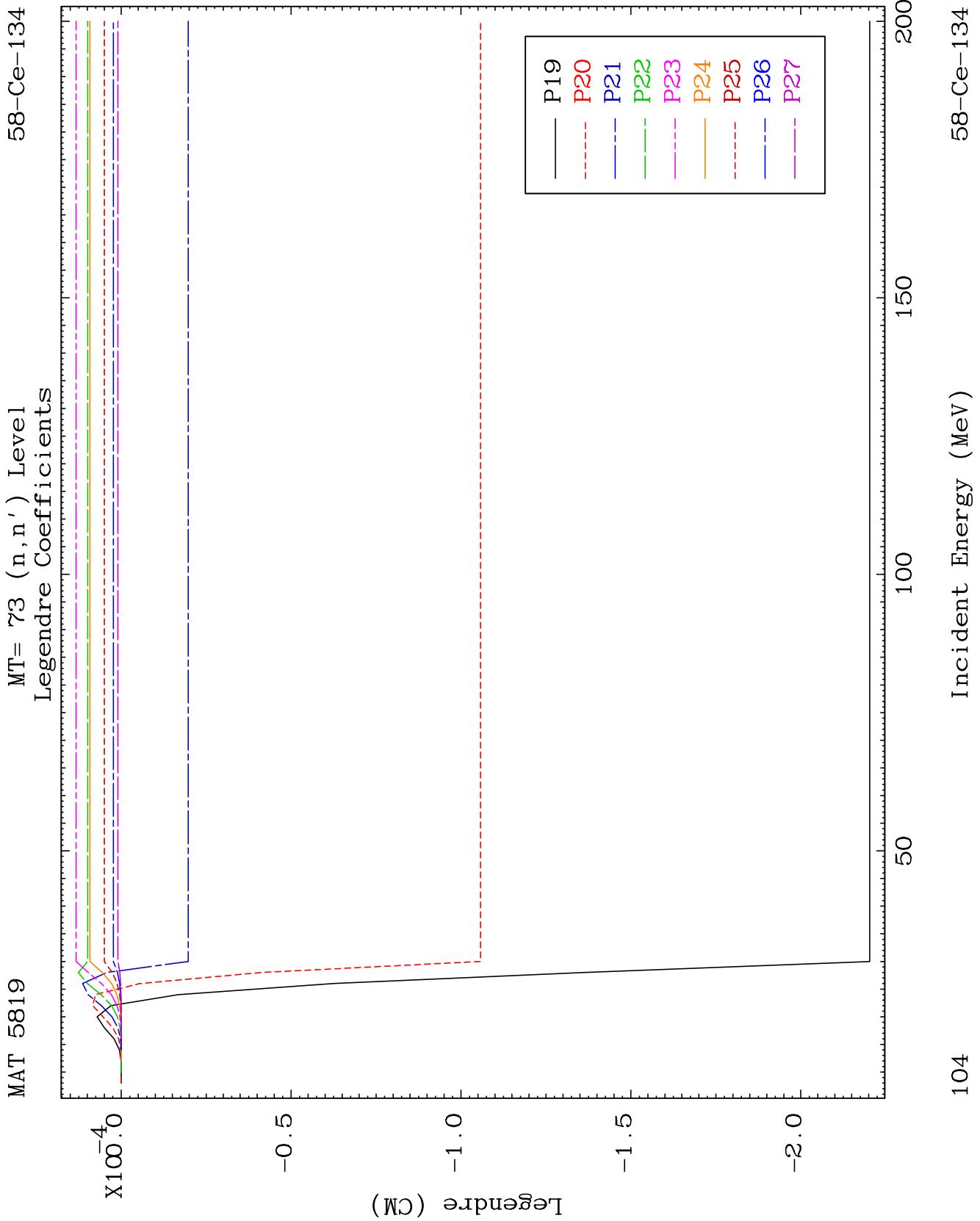
58-Ce-134



103

Incident Energy (MeV)

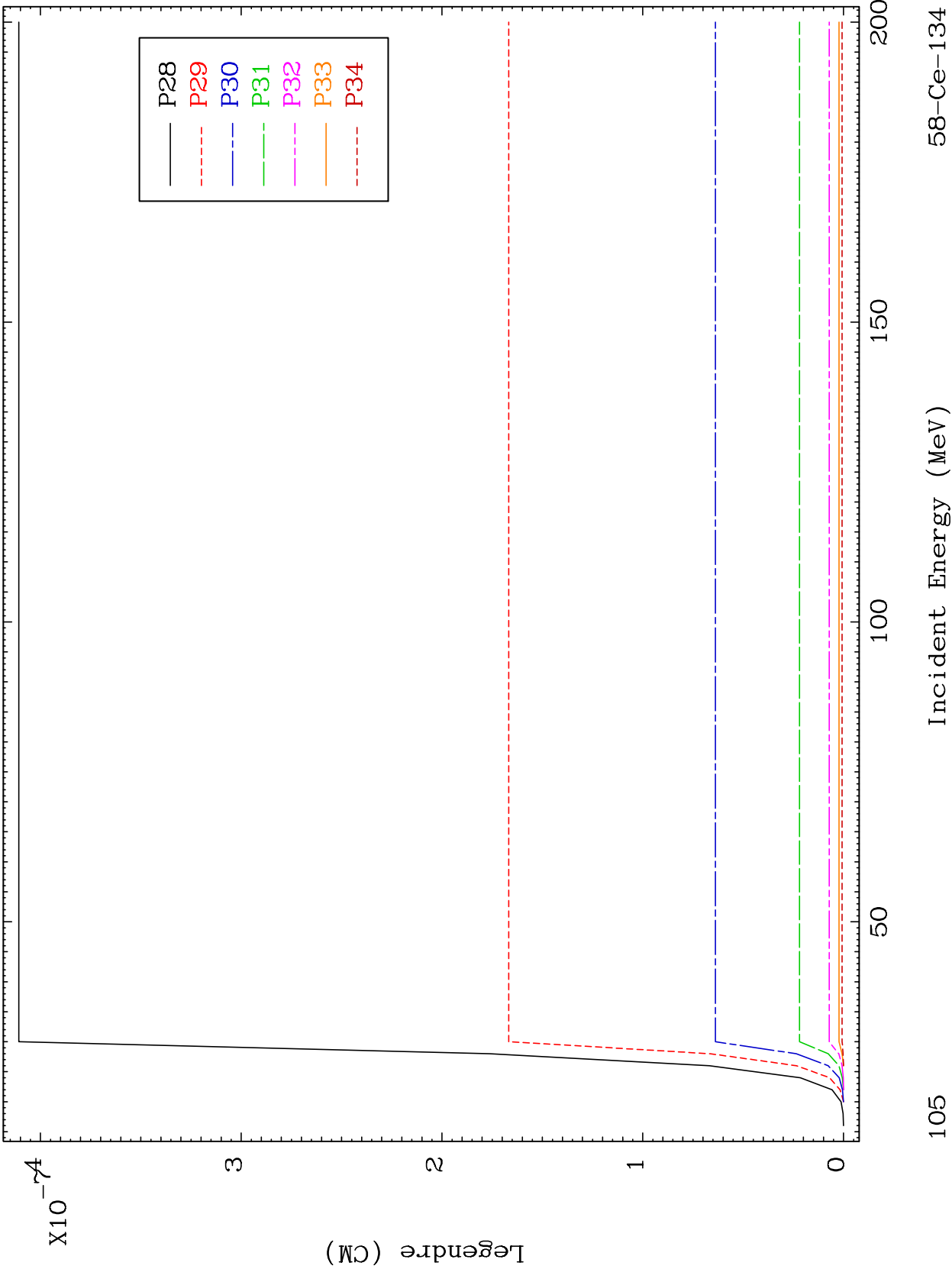
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

Incident Energy (MeV)

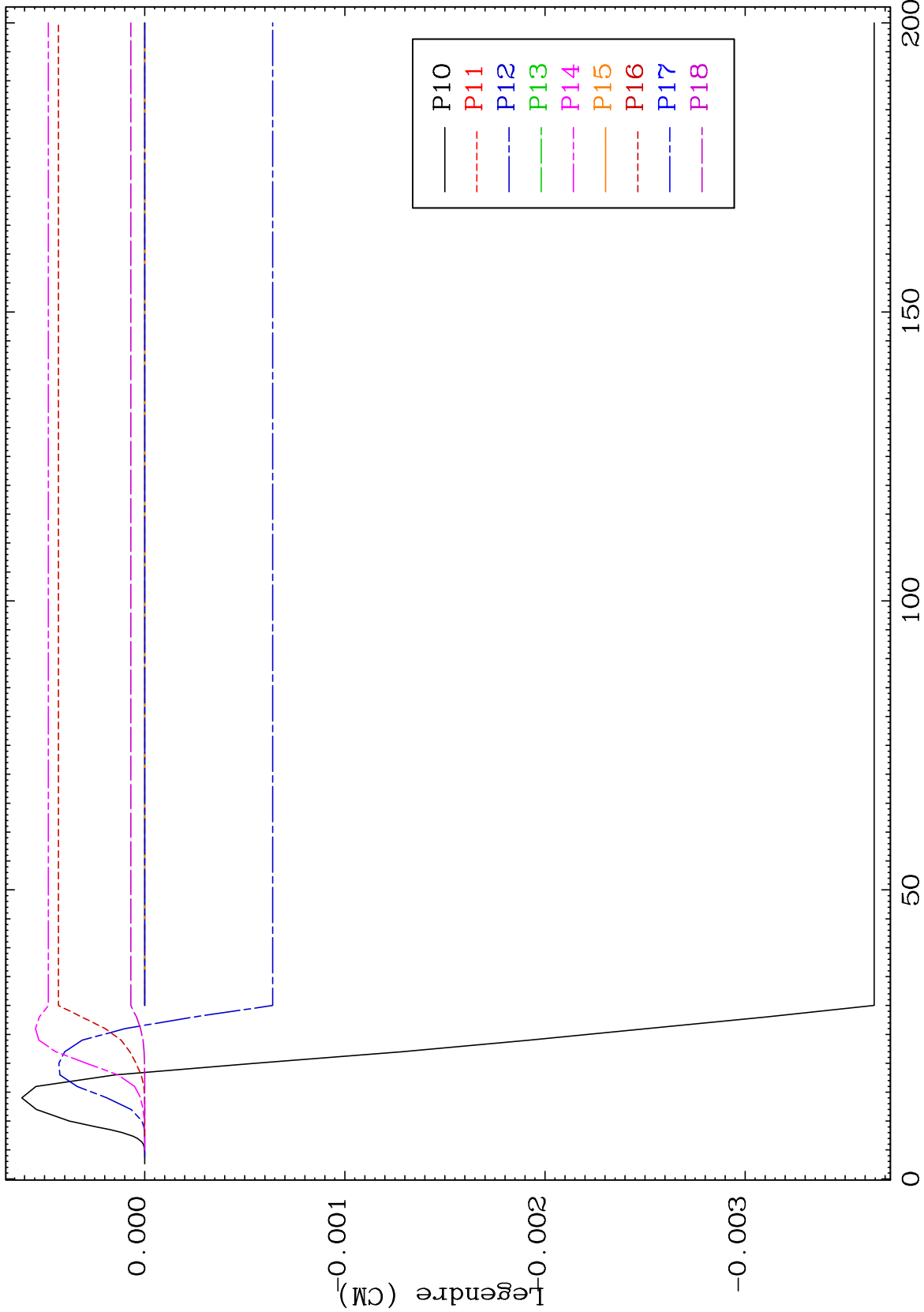
105



MAT 5819

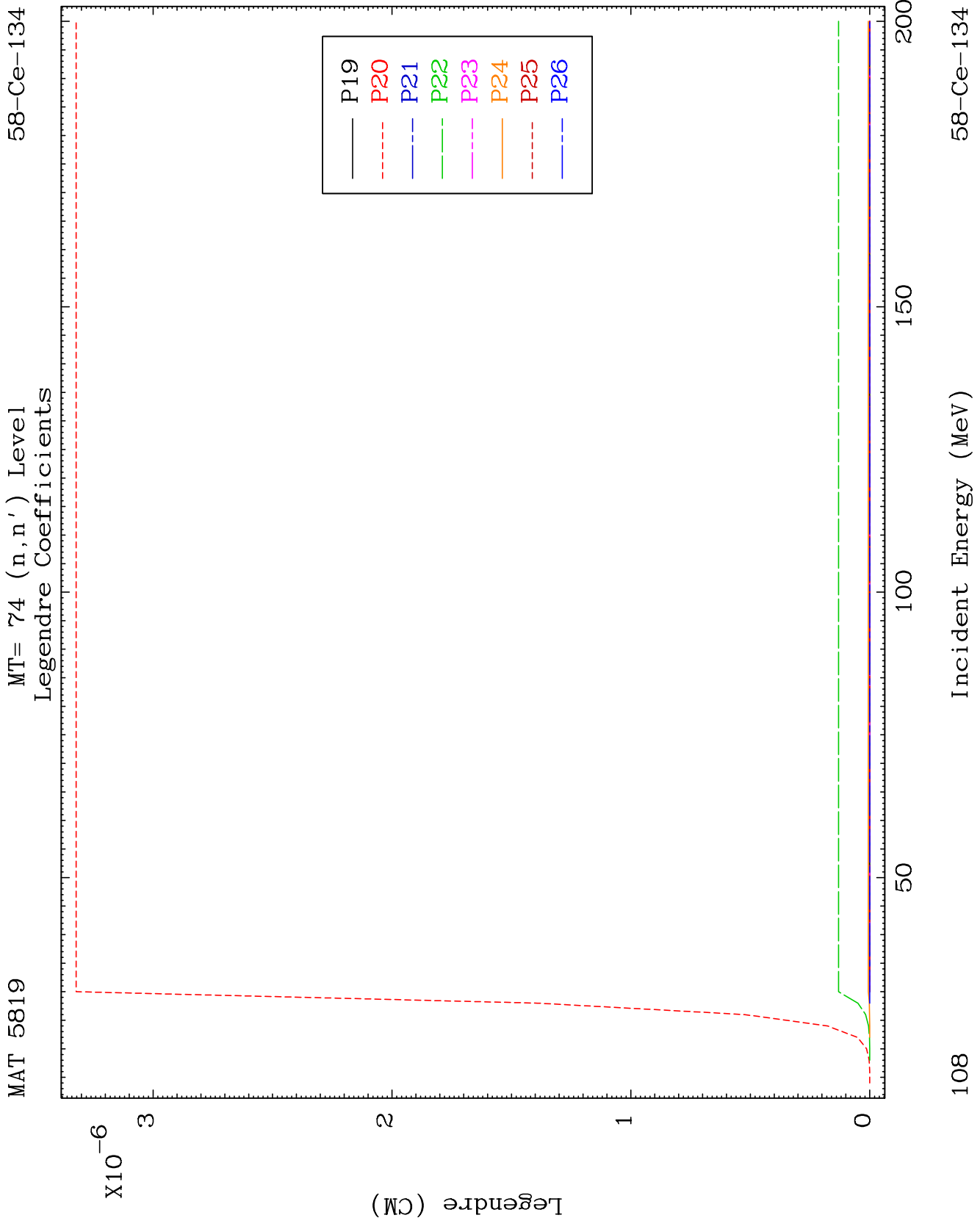
MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-134



107

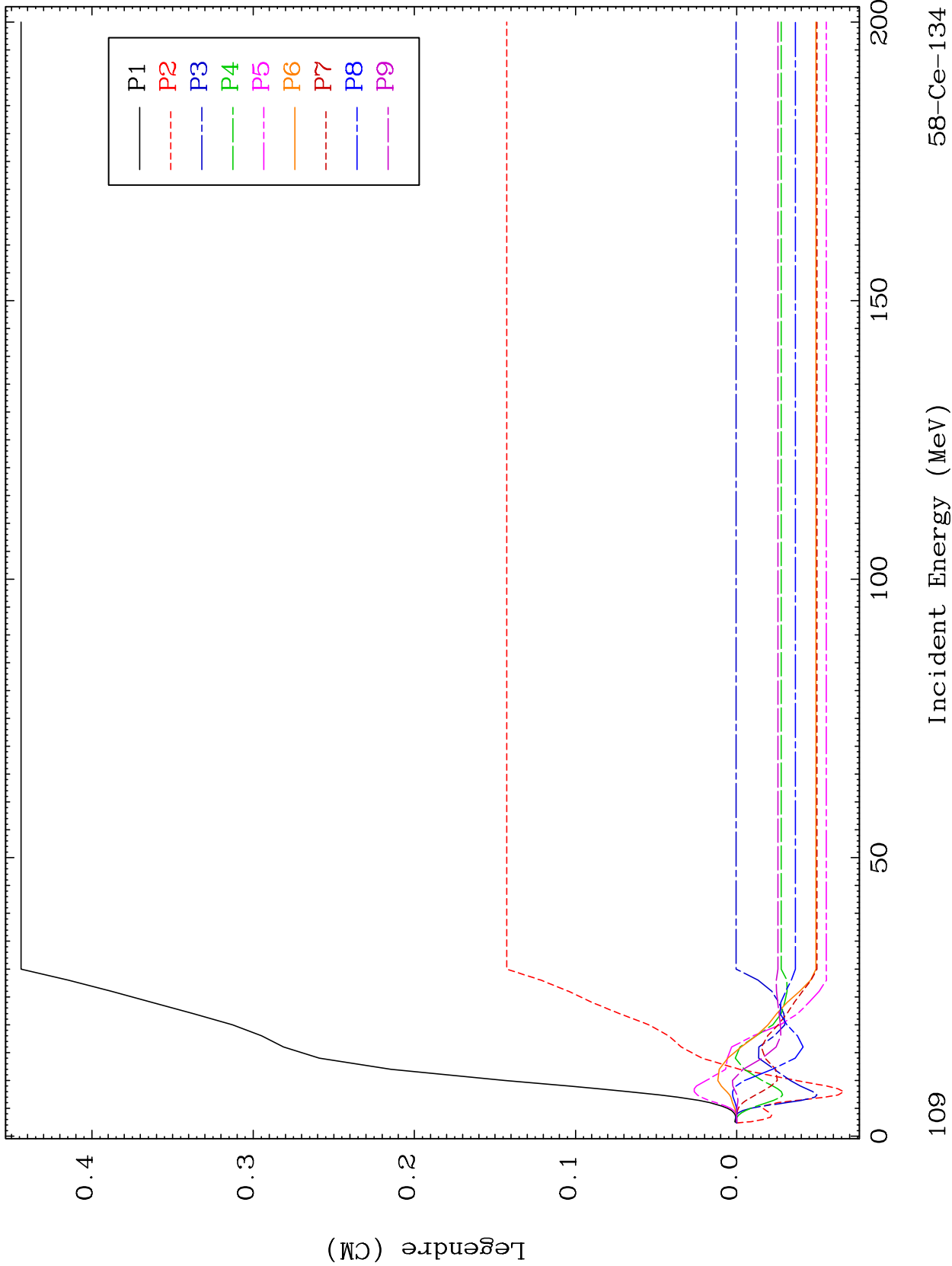
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

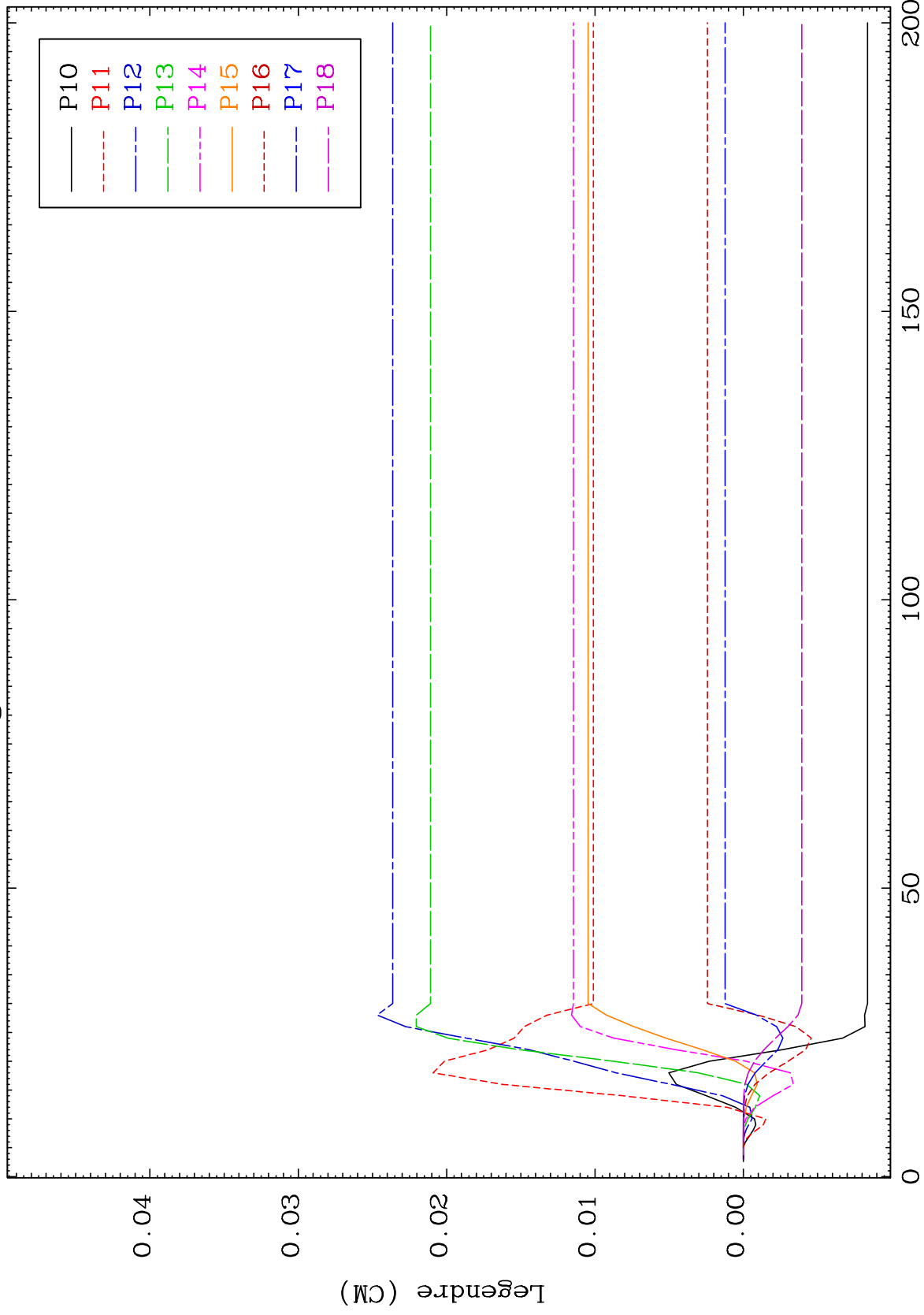
Incident Energy (MeV)

109

MAT 5819

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

58-Ce-134



110

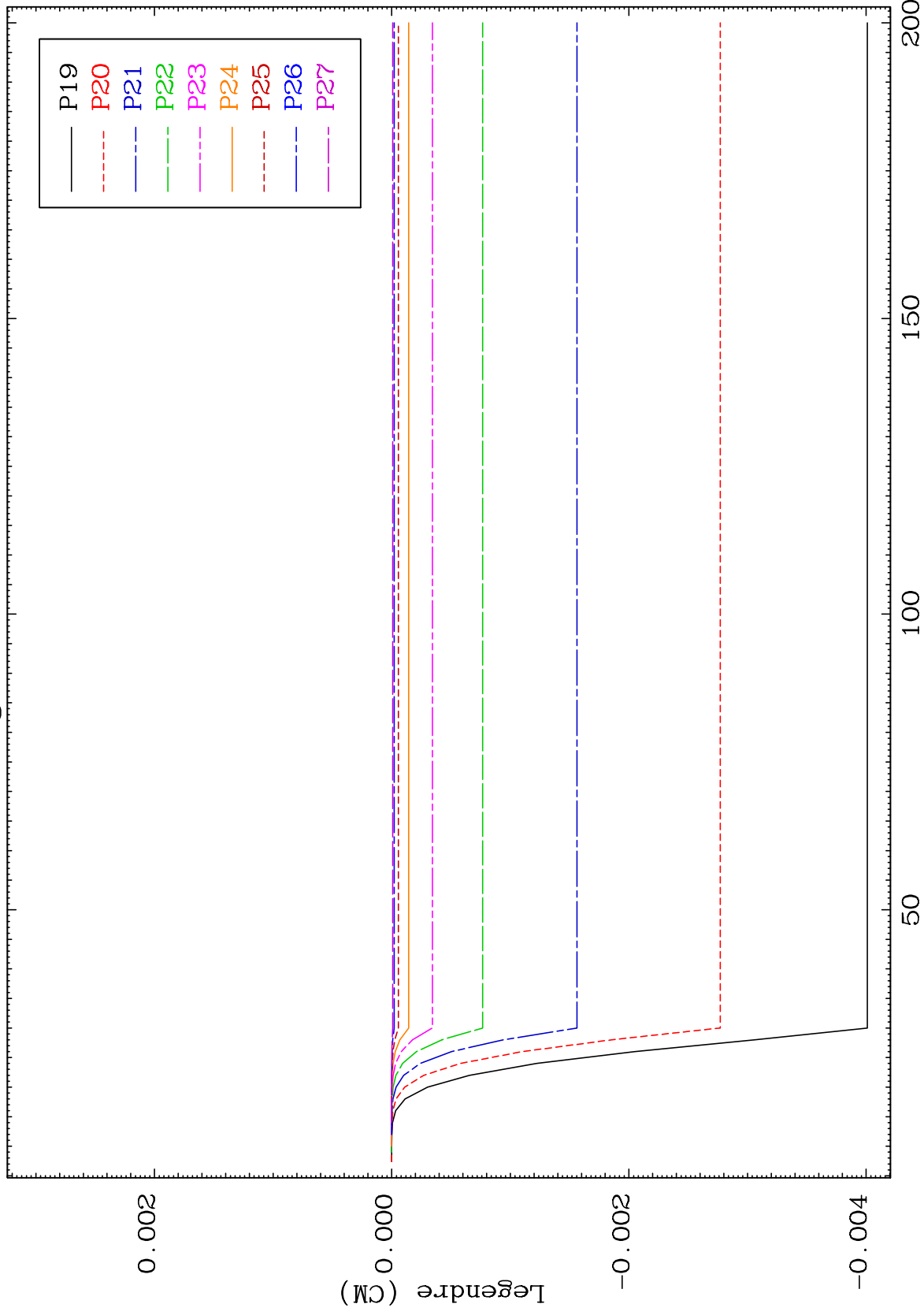
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

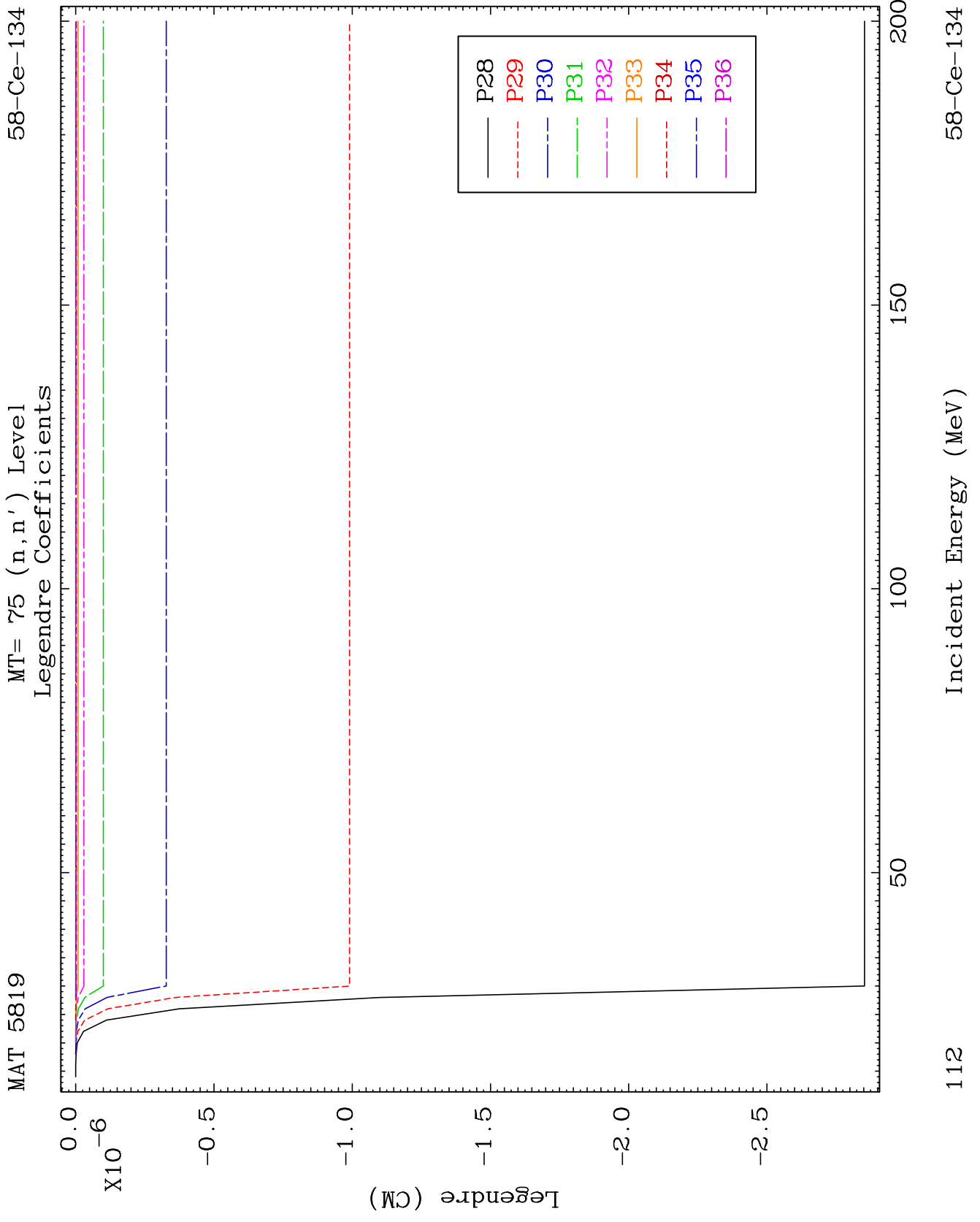
58-Ce-134



111

Incident Energy (MeV)

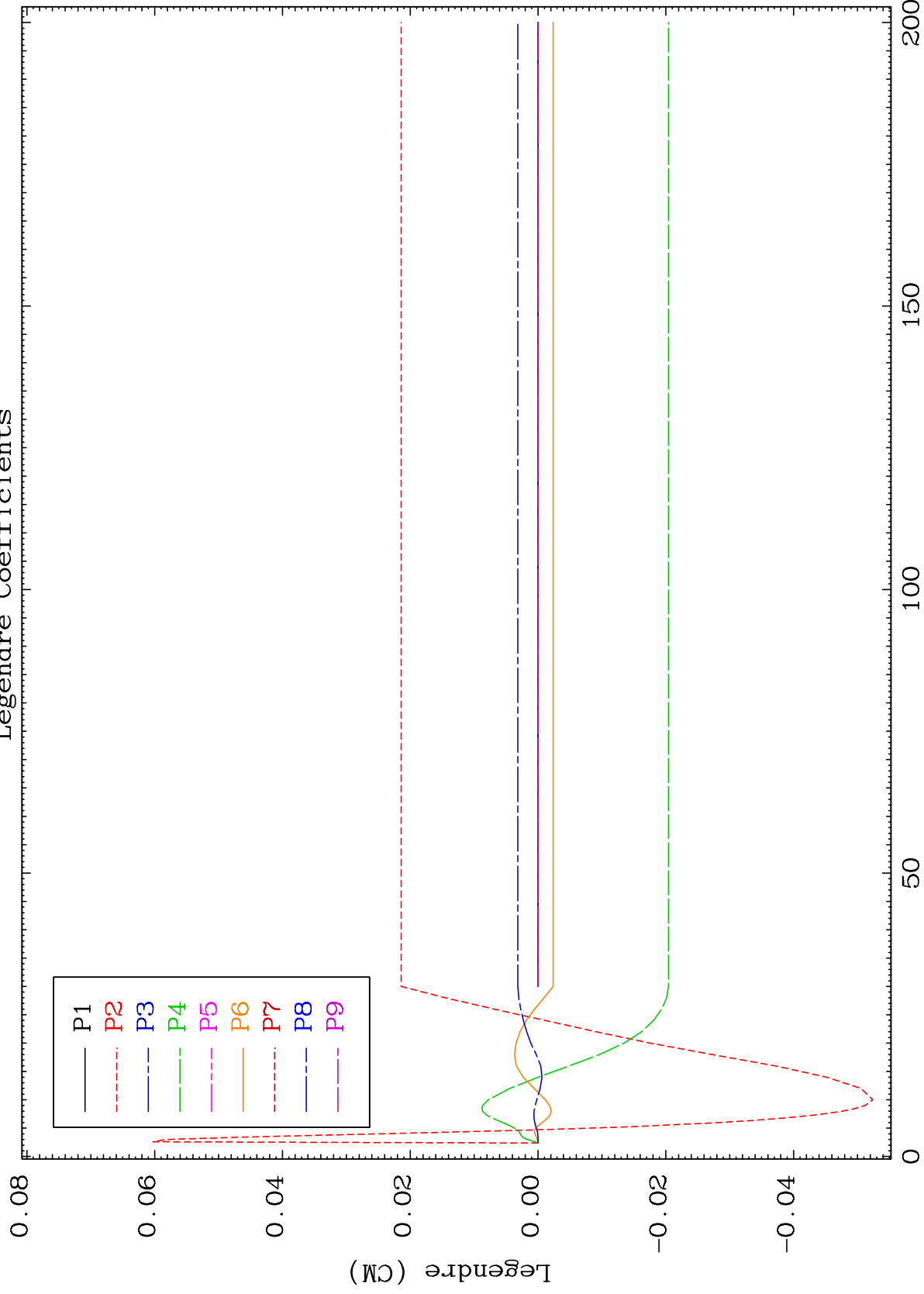
58-Ce-134



MAT 5819

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

58-Ce-134



113

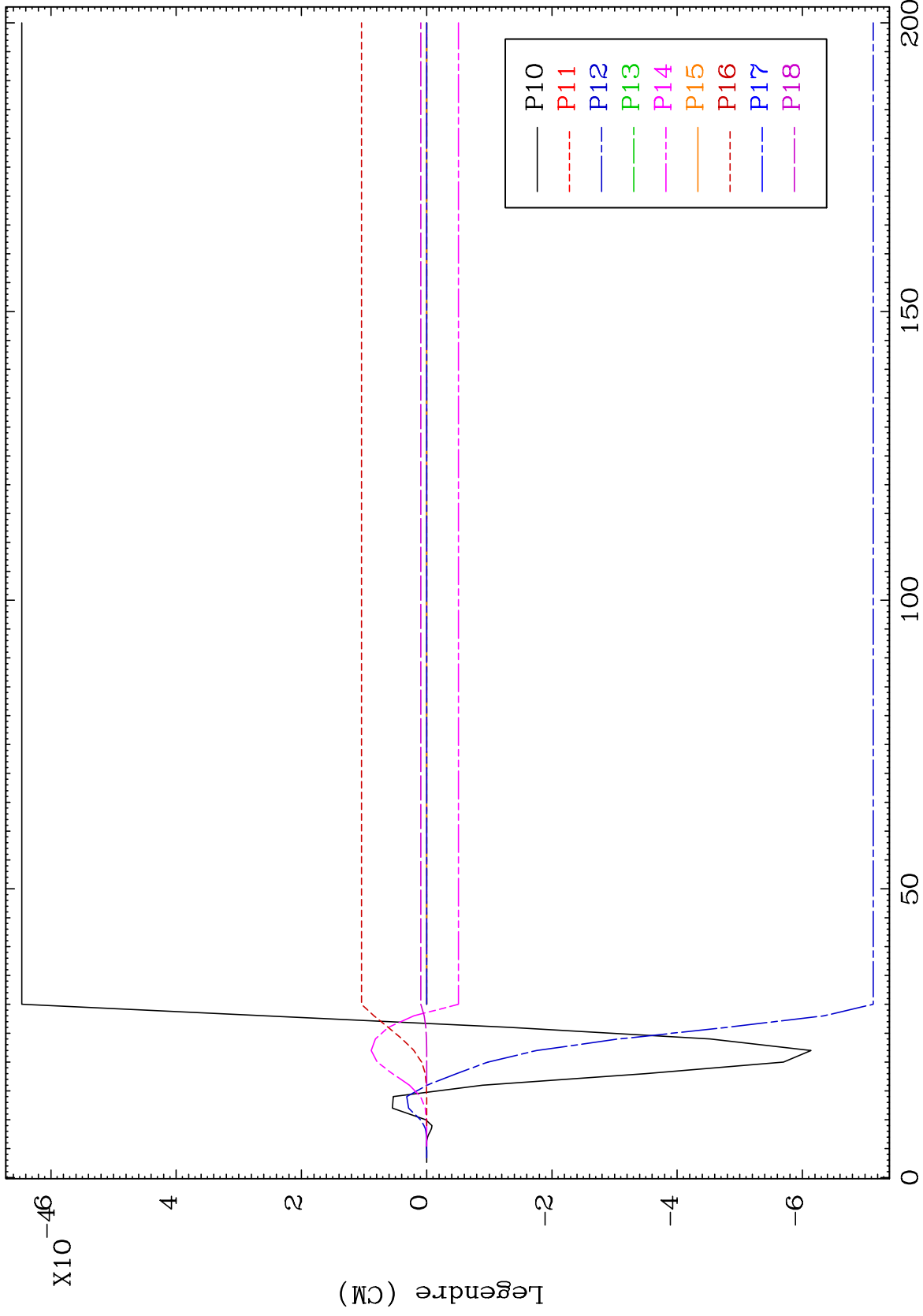
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

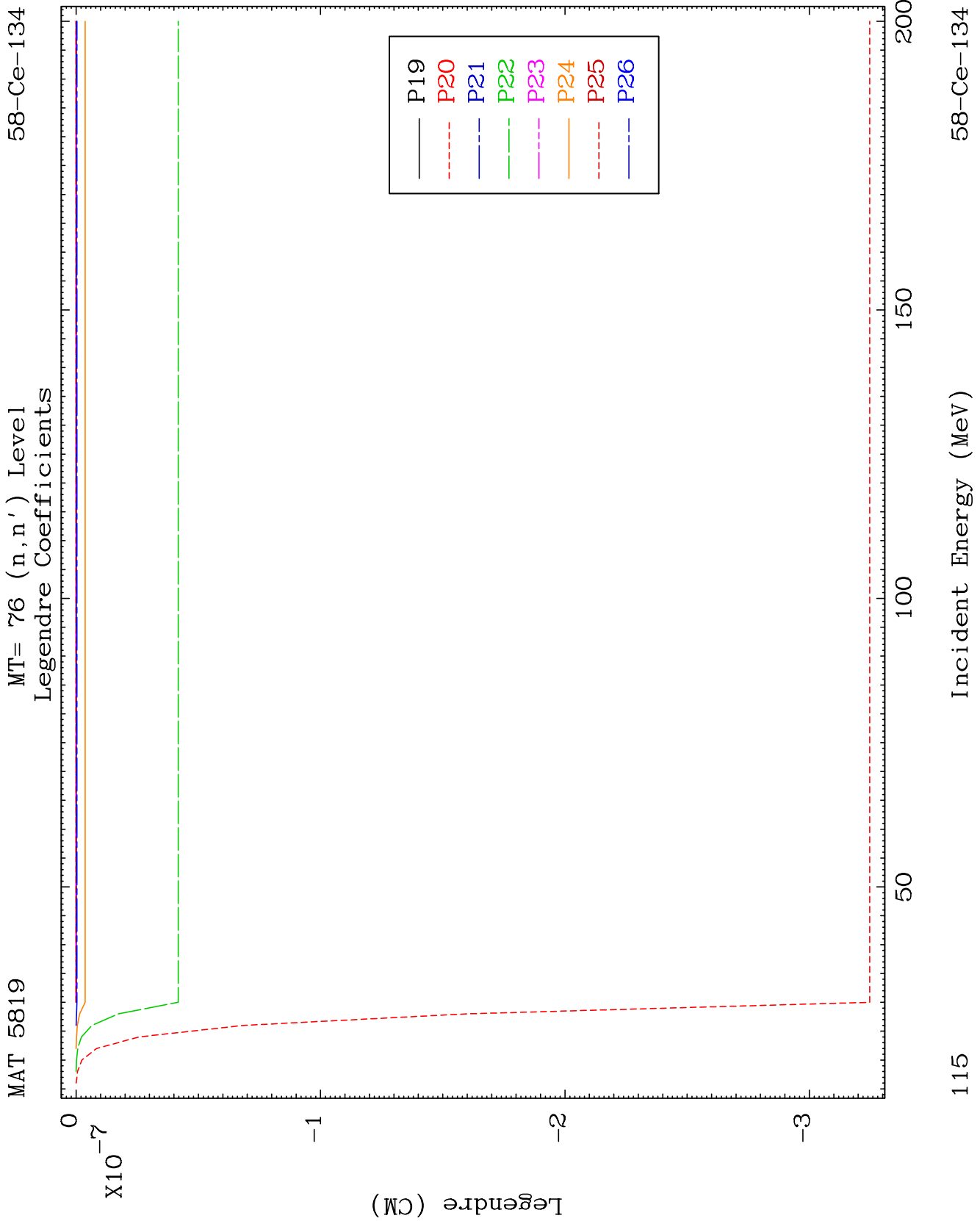
58-Ce-134



114

Incident Energy (MeV)

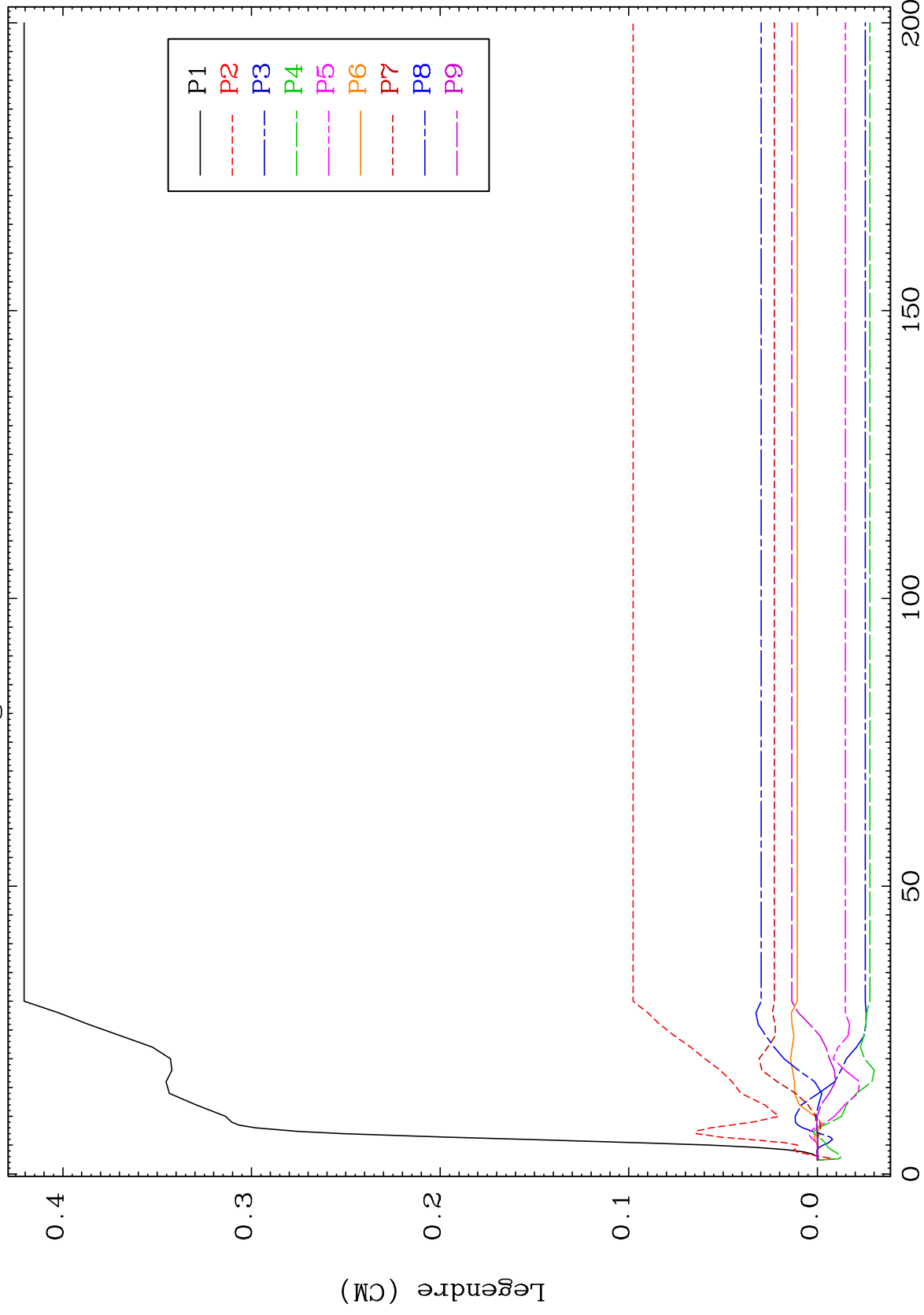
58-Ce-134



MAT 5819

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

58-Ce-134



116

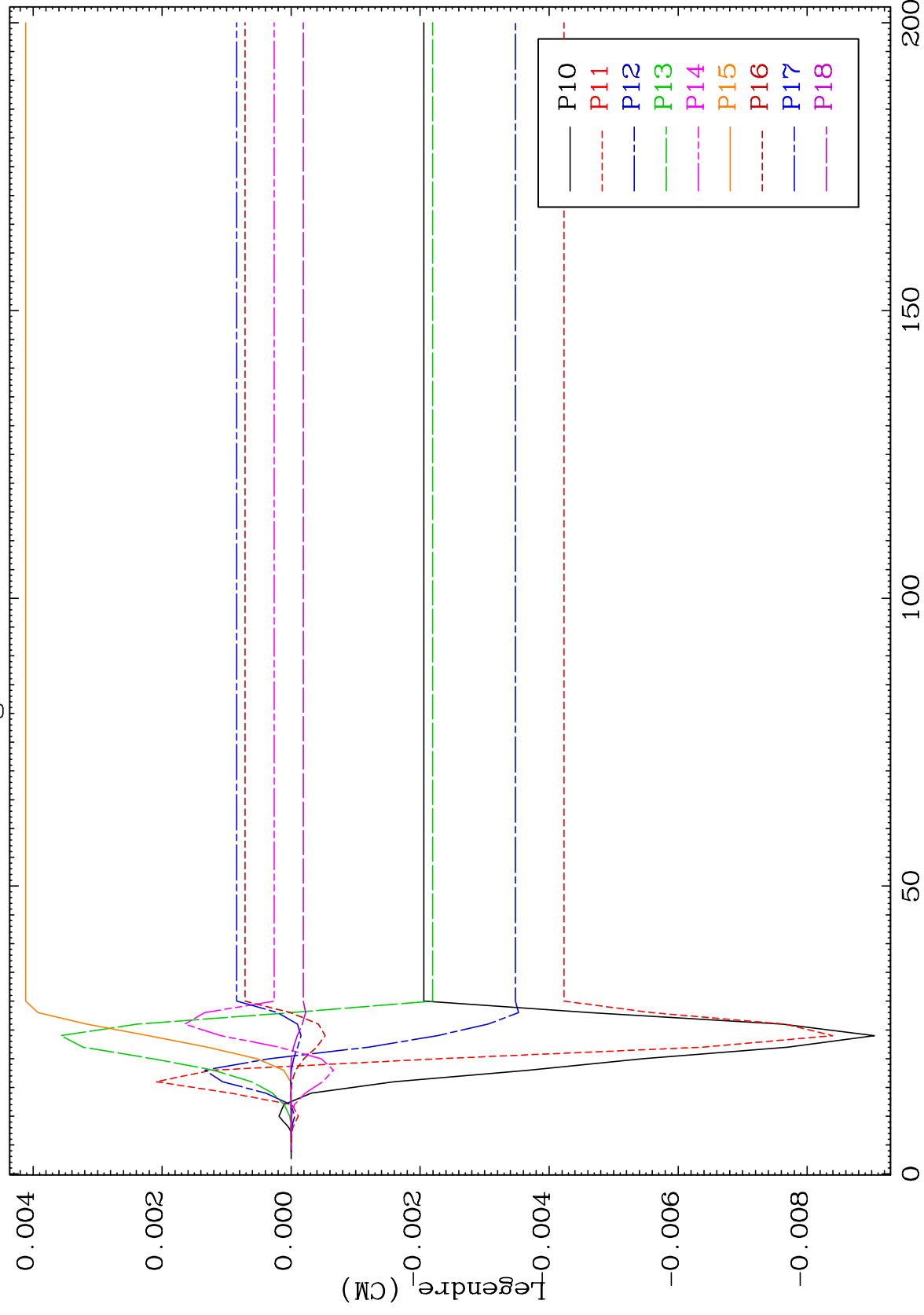
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



117

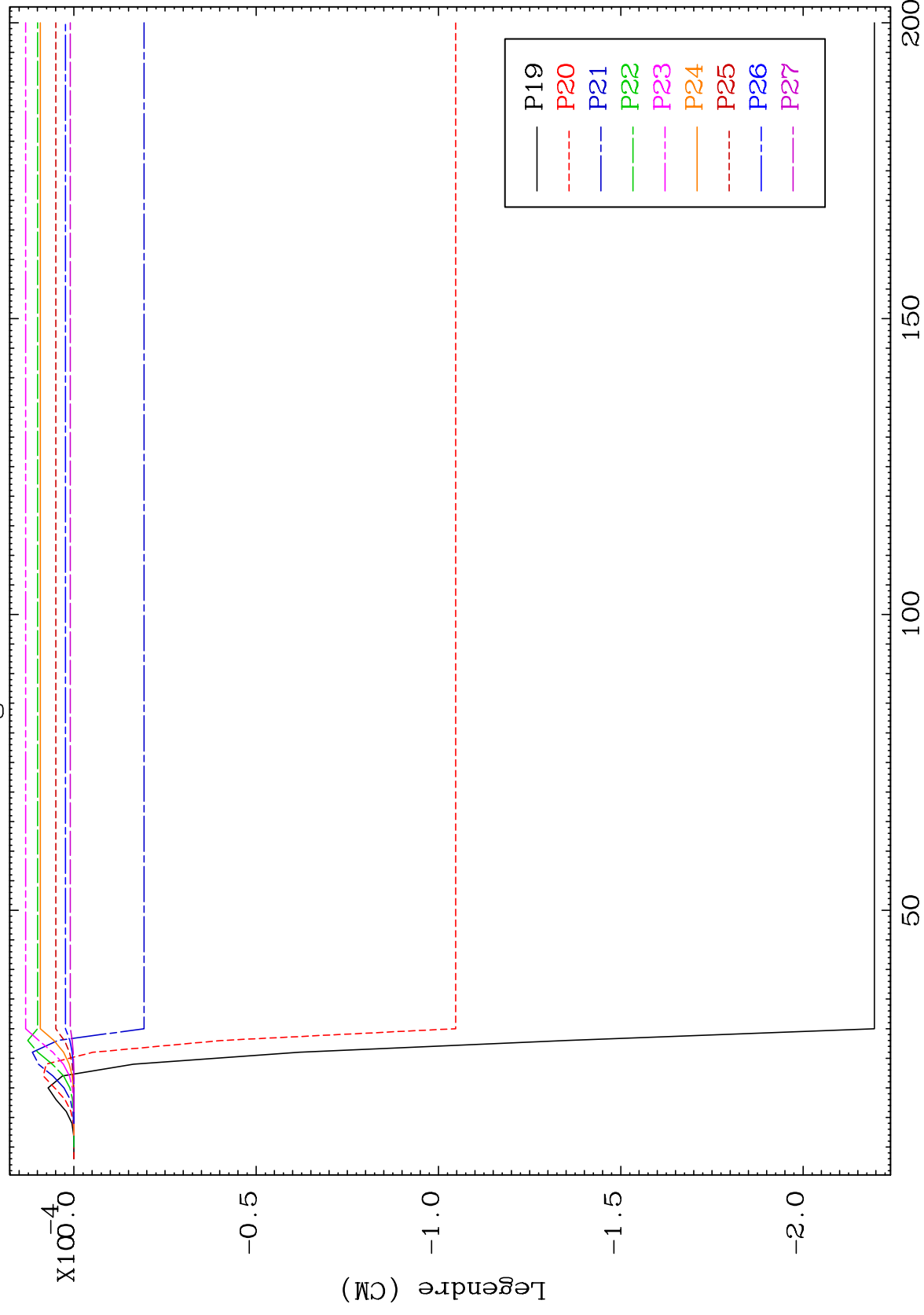
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



118

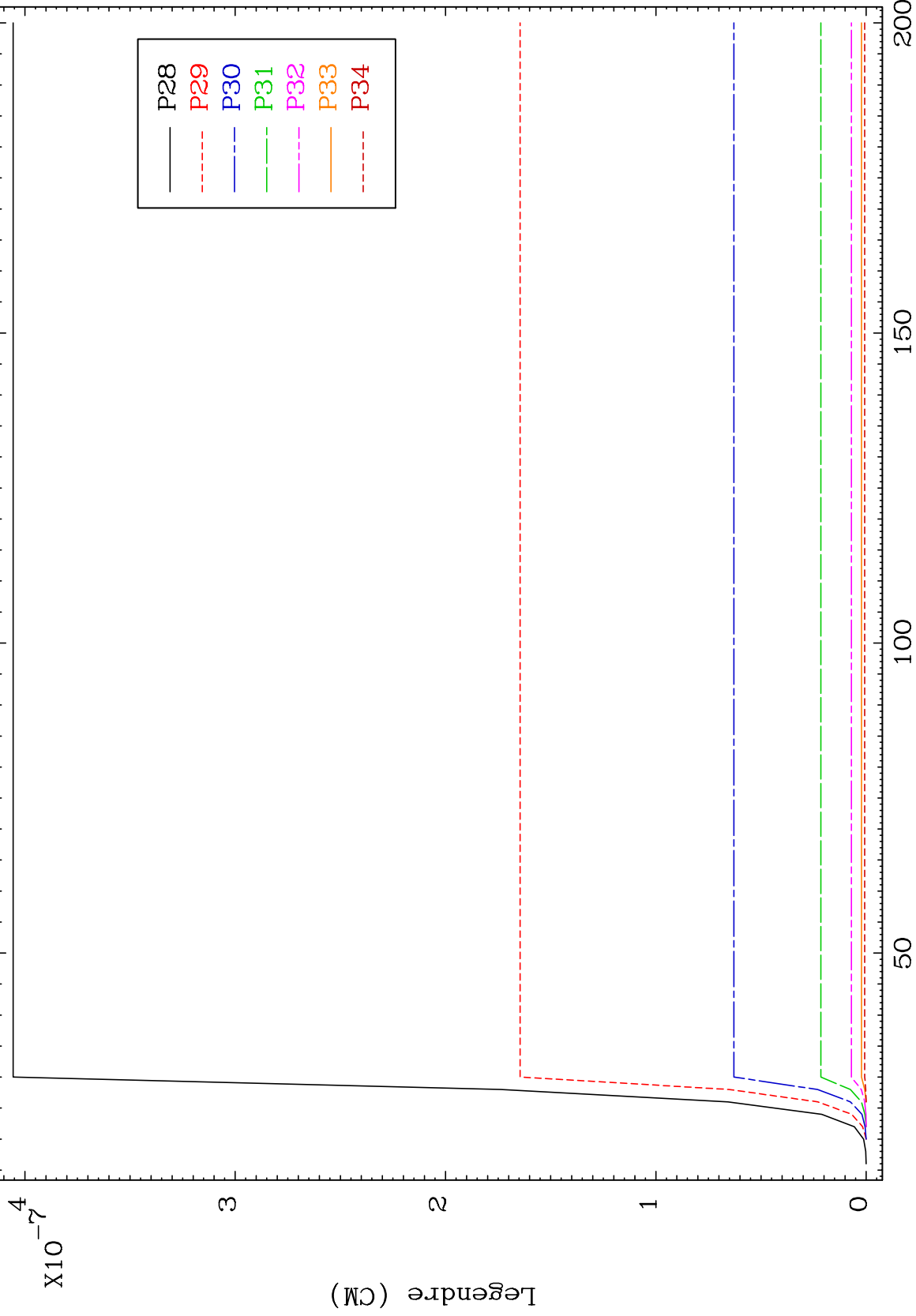
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



119

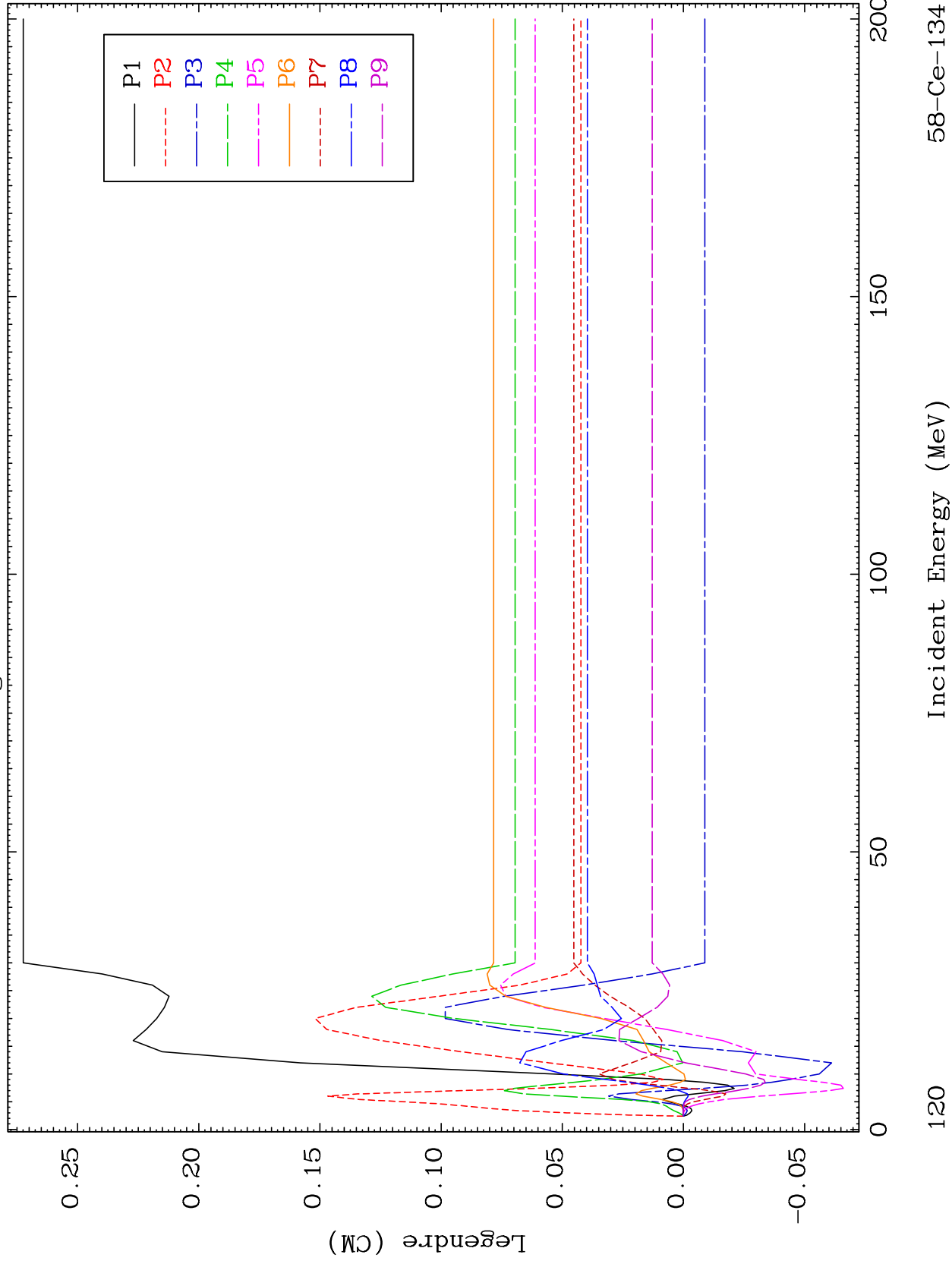
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

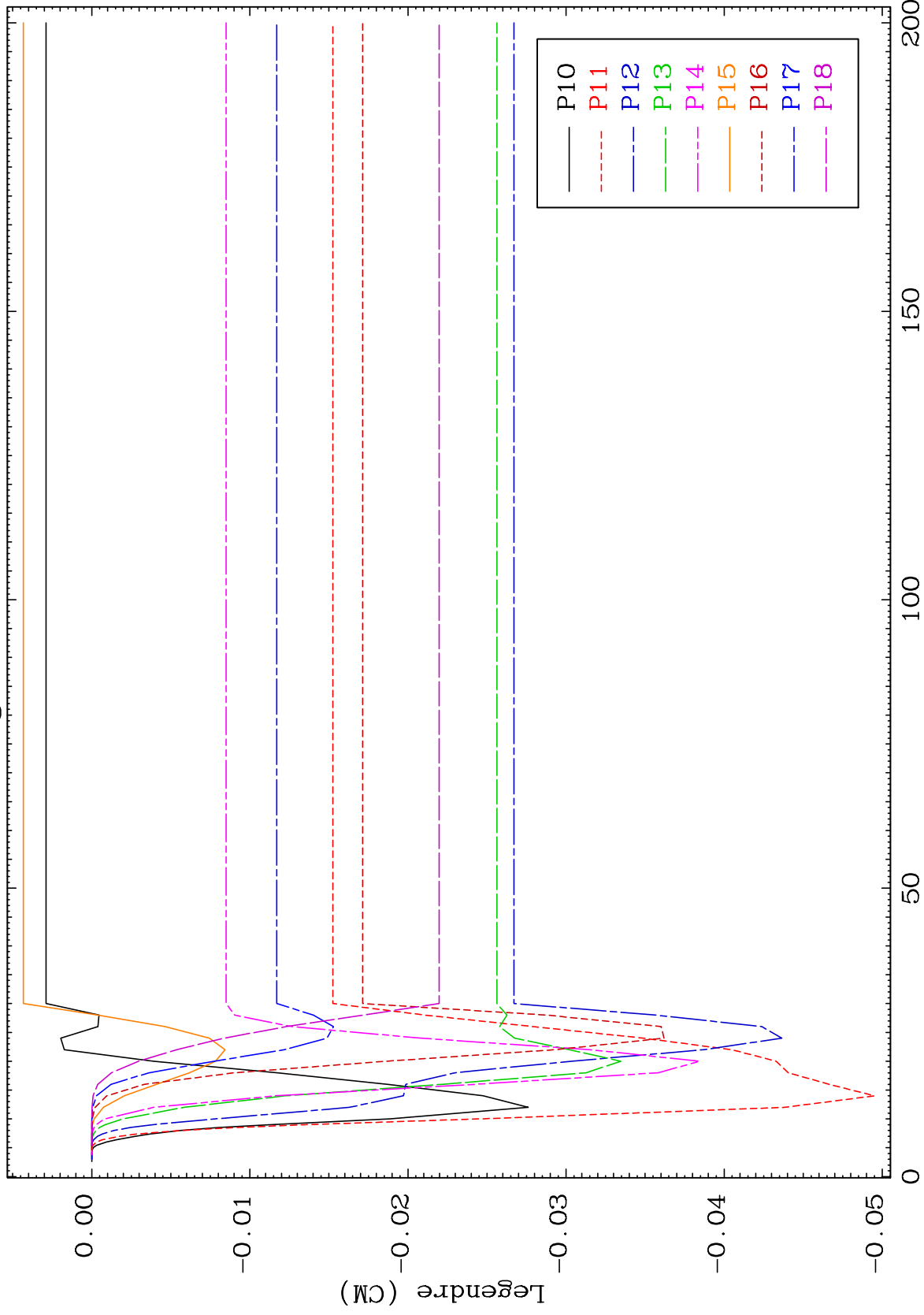
58-Ce-134



MAT 5819

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

58-Ce-134

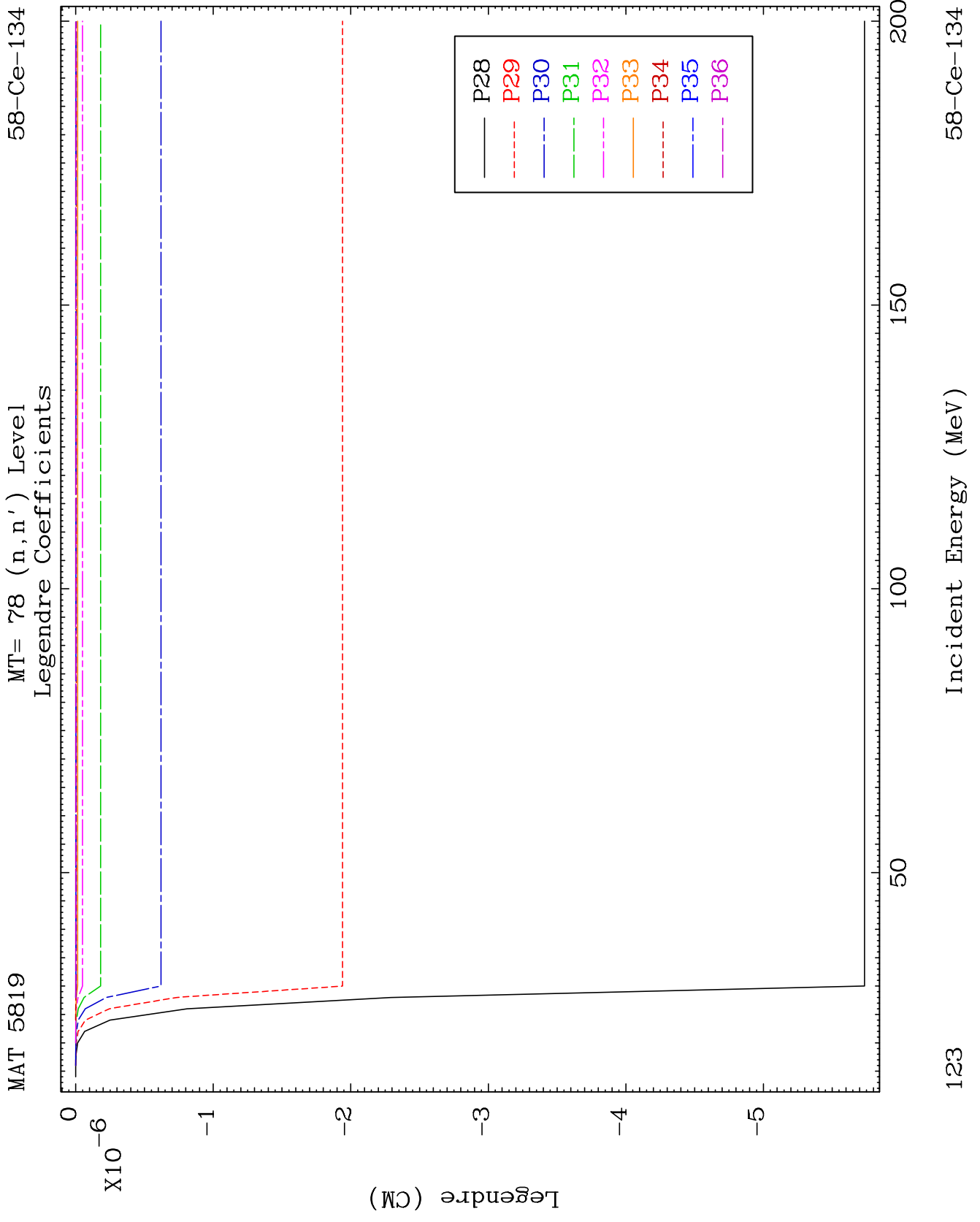


121

Incident Energy (MeV)

58-Ce-134

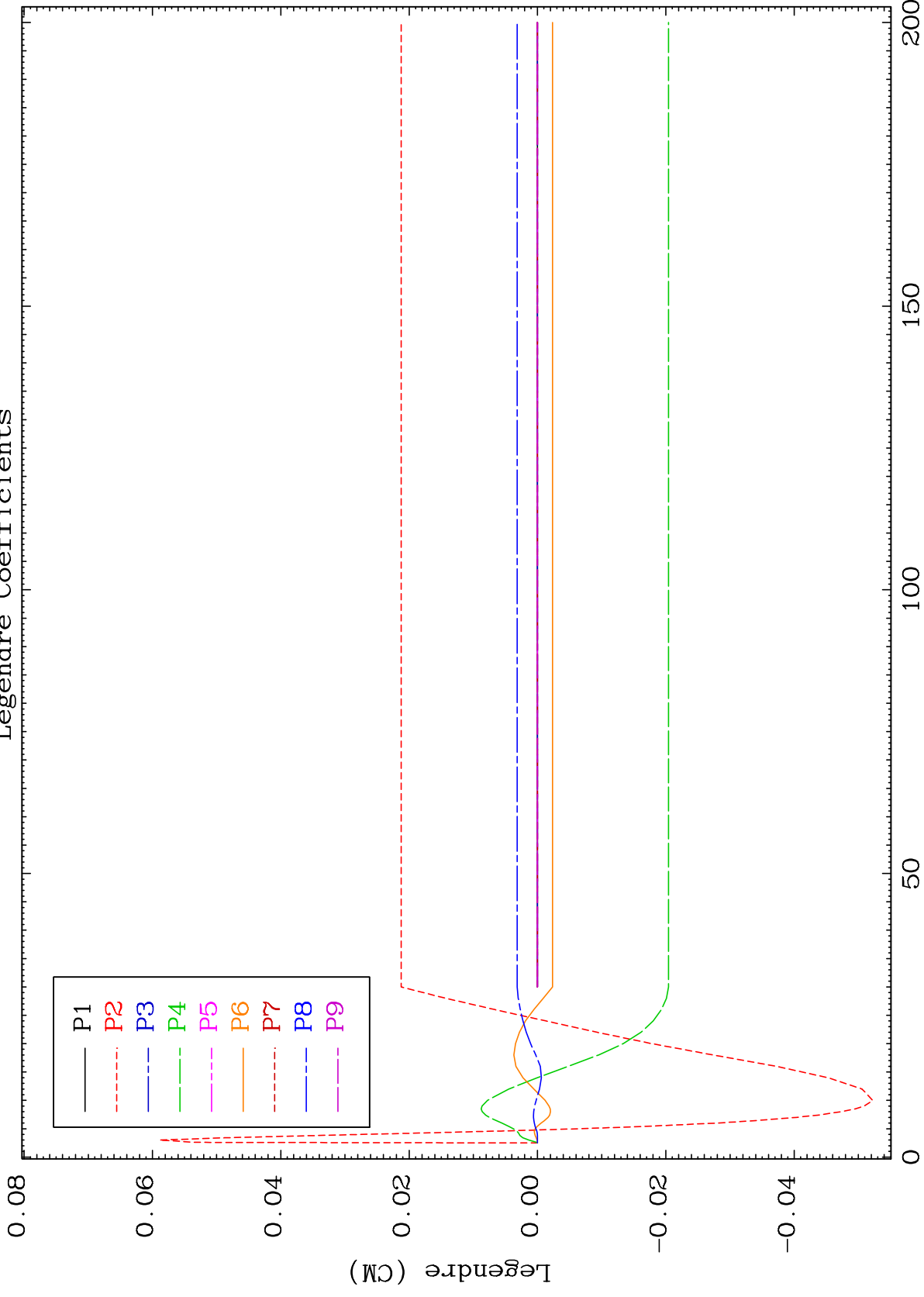




MAT 5819

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

58-Ce-134



124

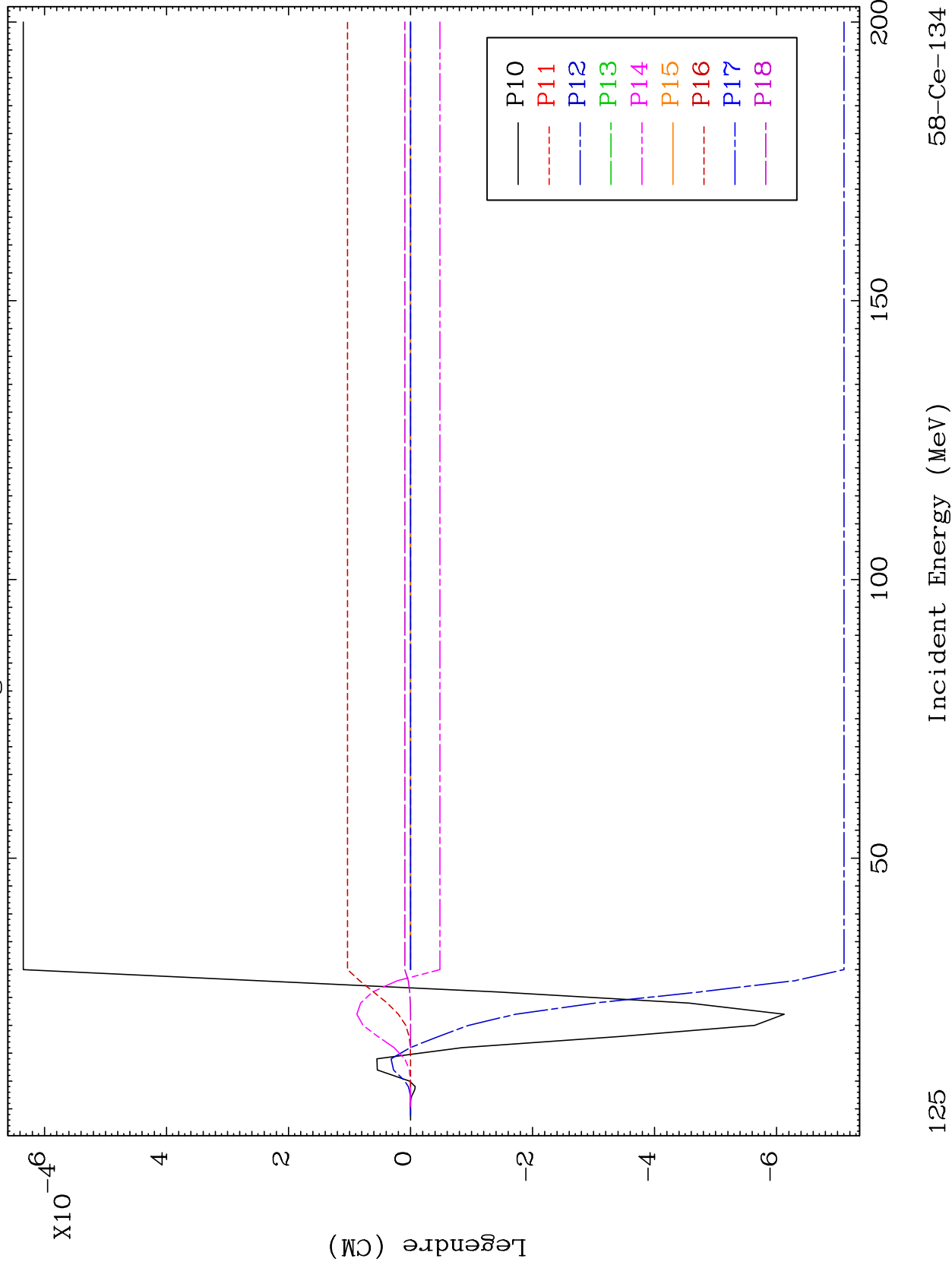
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

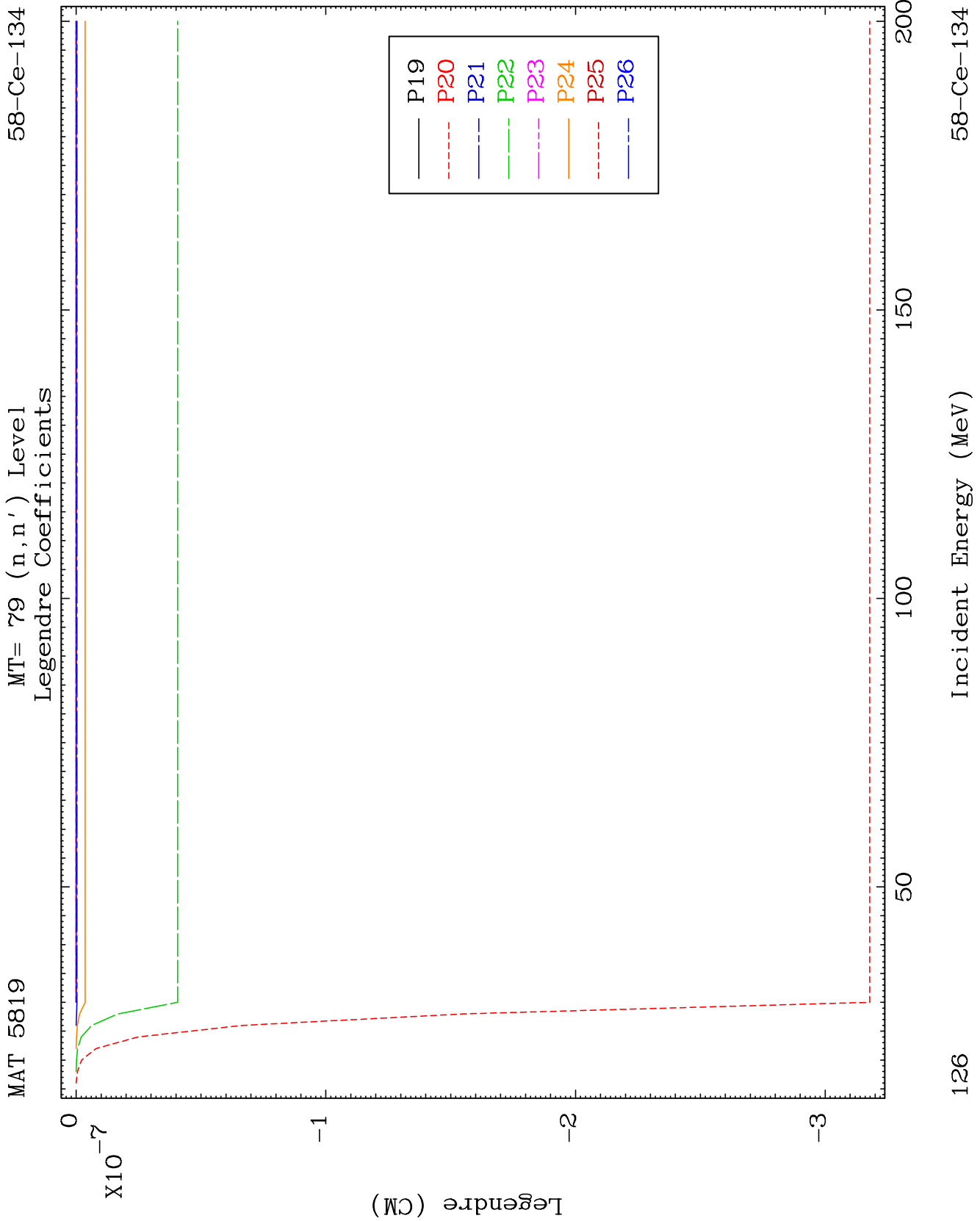
58-Ce-134



125

Incident Energy (MeV)

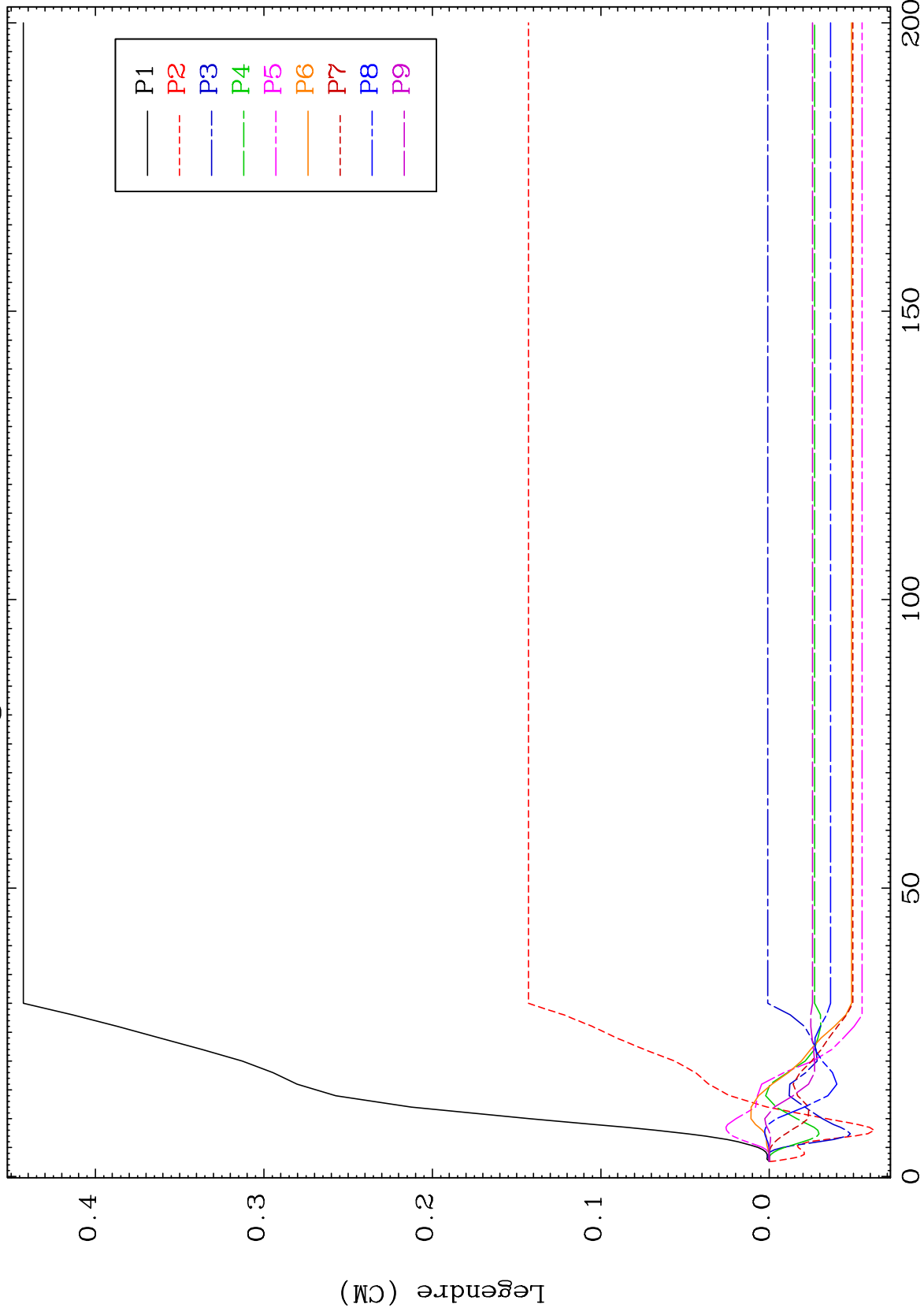
58-Ce-134



MAT 5819

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

58-Ce-134



127

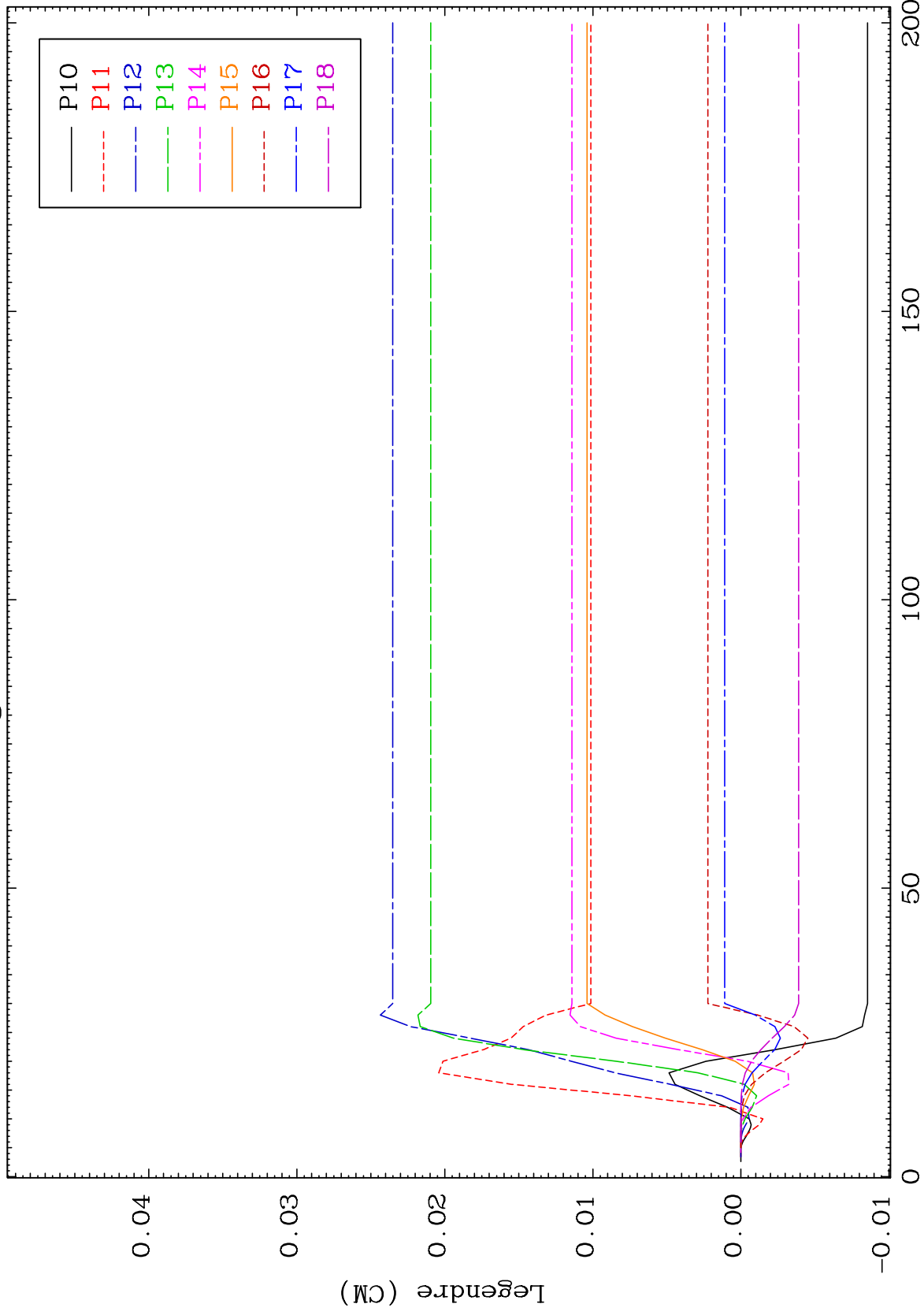
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



128

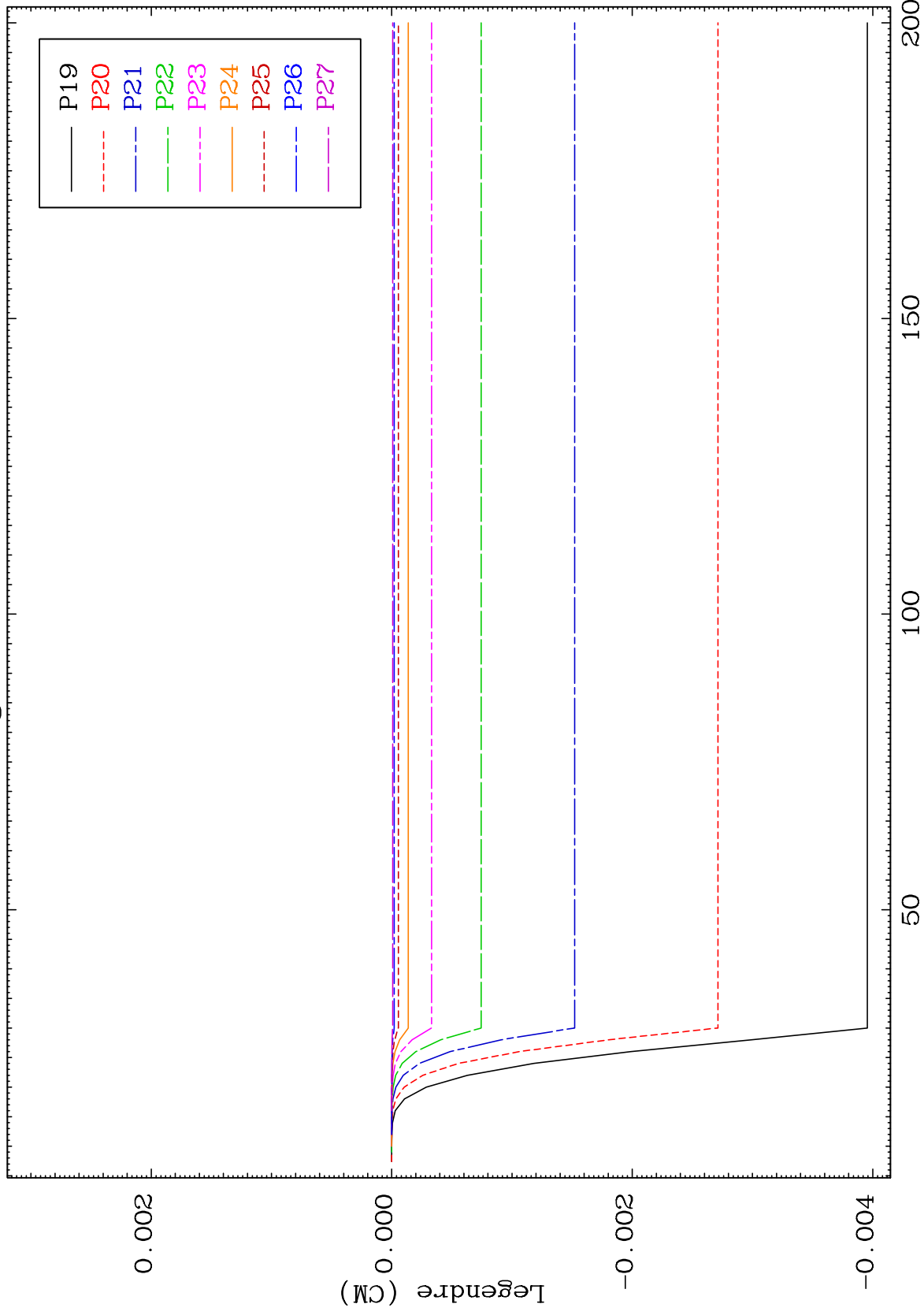
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

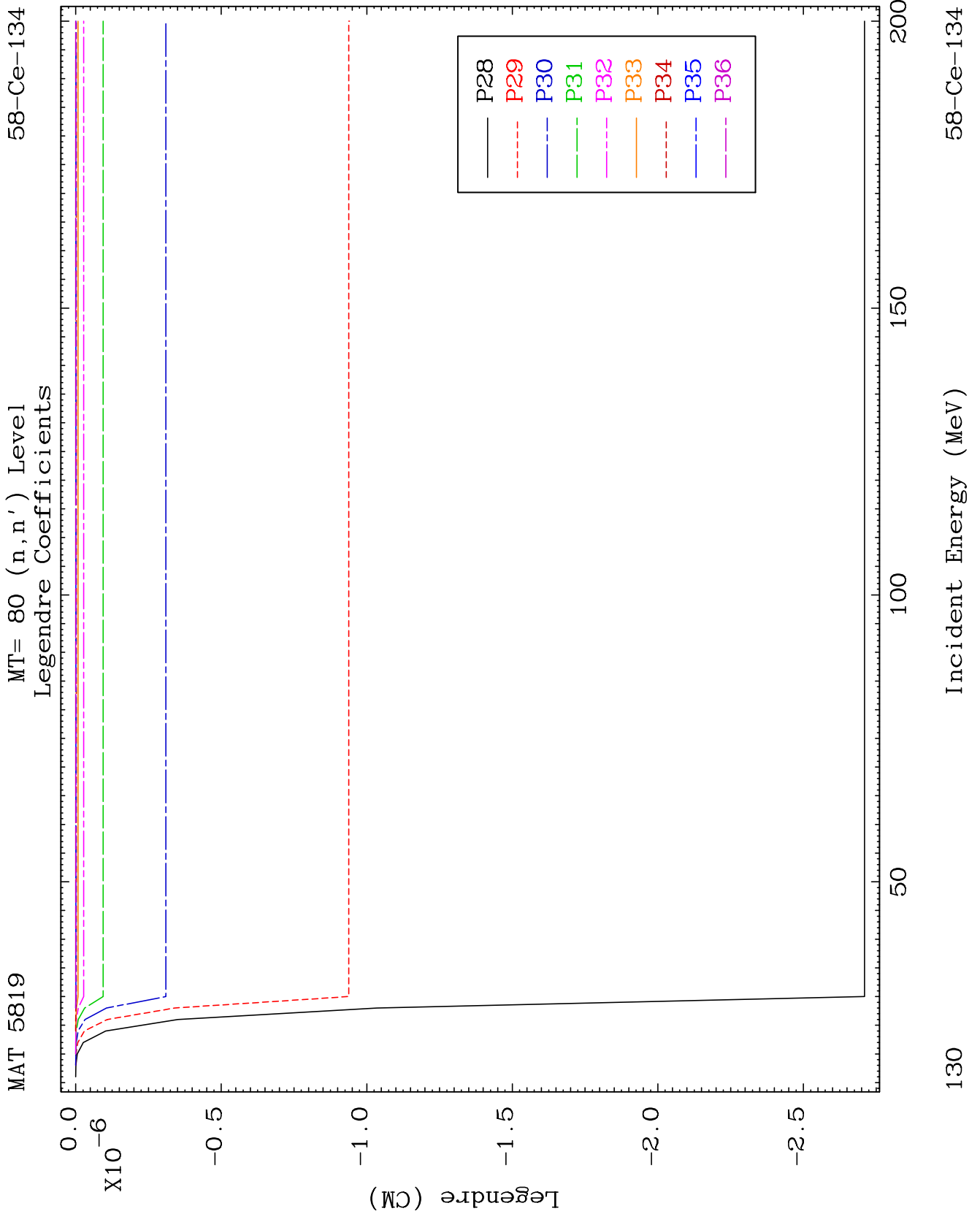
58-Ce-134



129

Incident Energy (MeV)

58-Ce-134

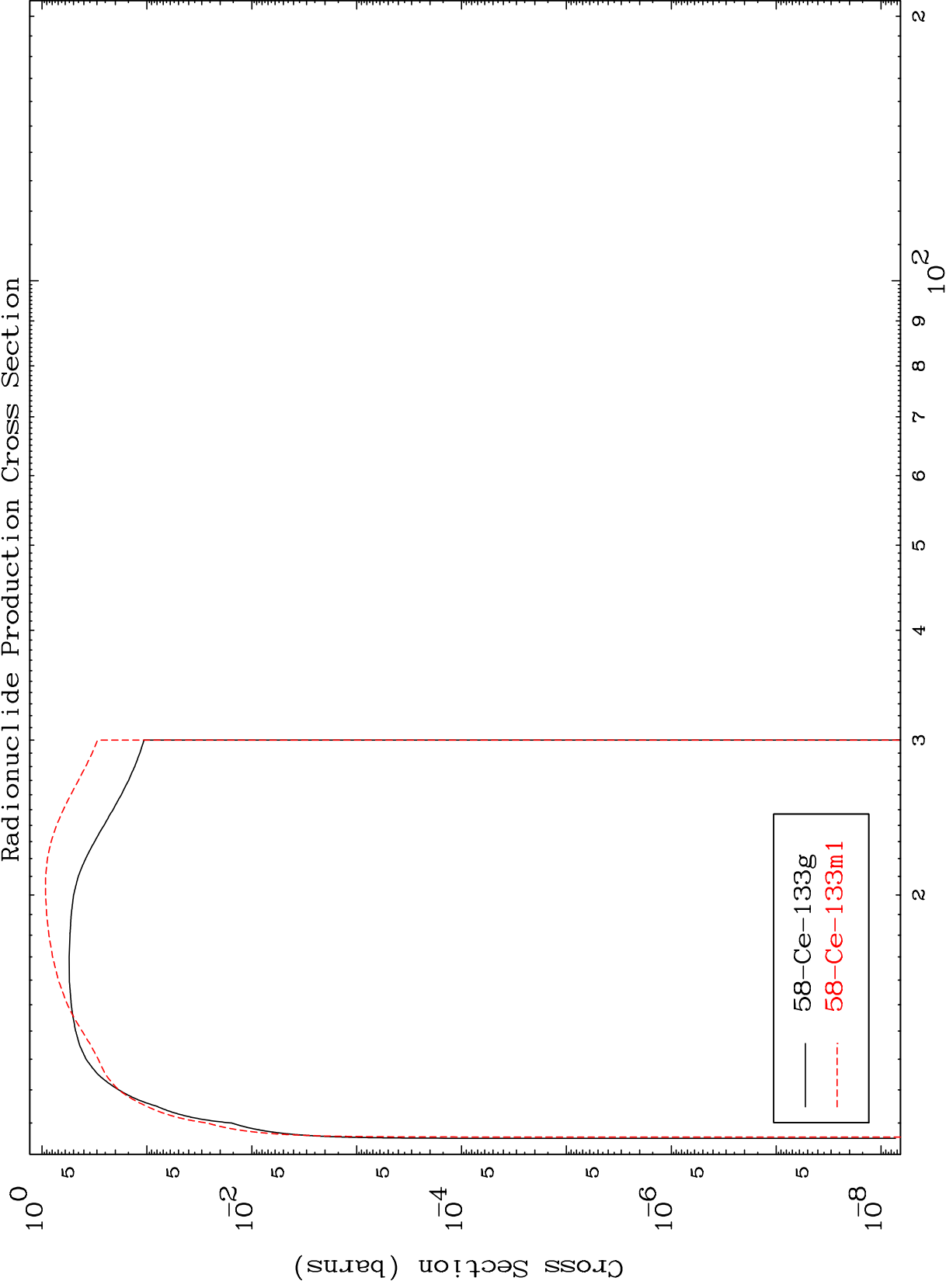


MAT 5819

(n,2n)

58-Ce-134

Radionuclide Production Cross Section



131

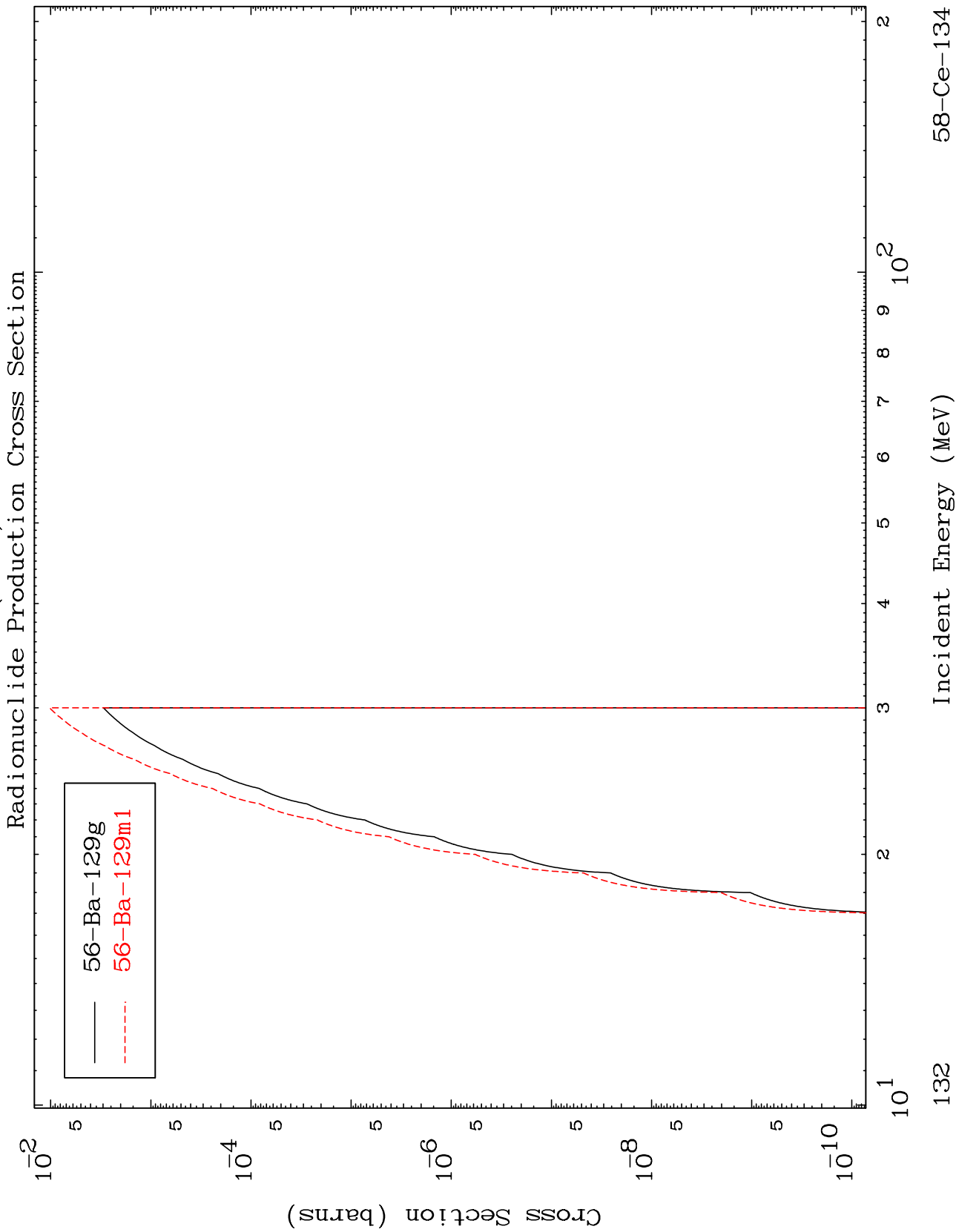
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,2n)  $\alpha$

58-Ce-134



132

Incident Energy (MeV)

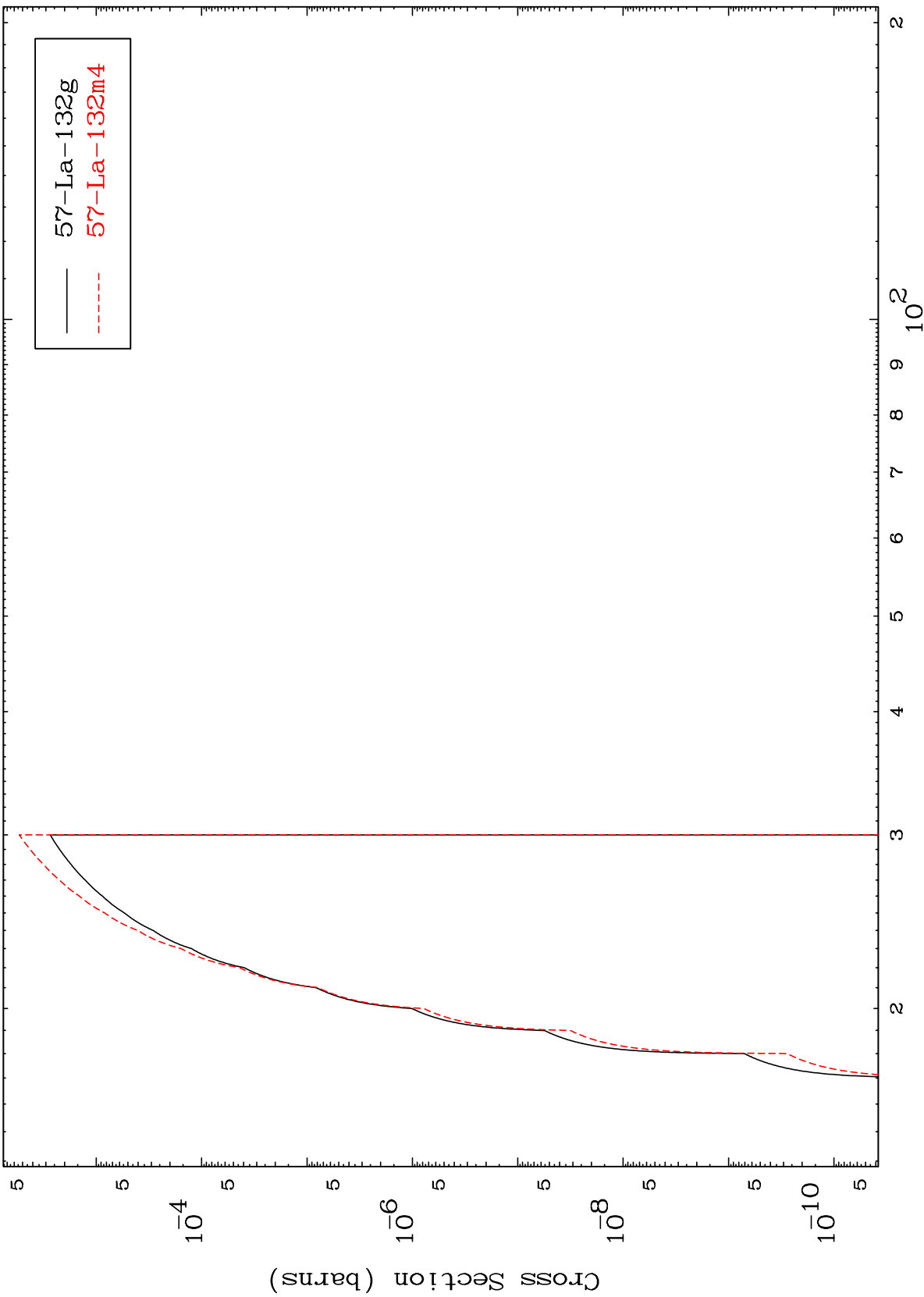
58-Ce-134

MAT 5819

(n,n') d

58-Ce-134

Radionuclide Production Cross Section



133

Incident Energy (MeV)

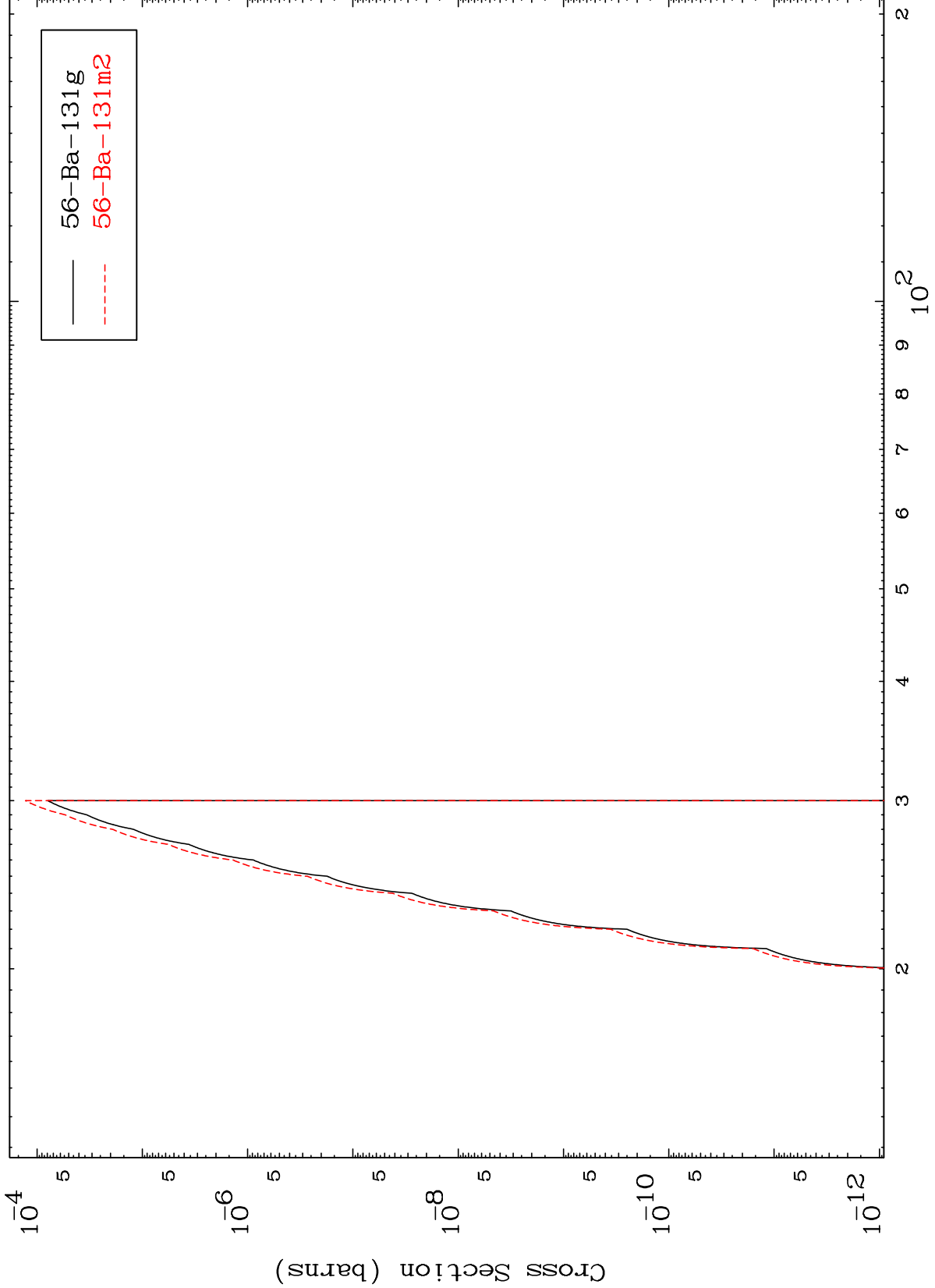
58-Ce-134

MAT 5819

(n,n') He-3

58-Ce-134

Radionuclide Production Cross Section



134

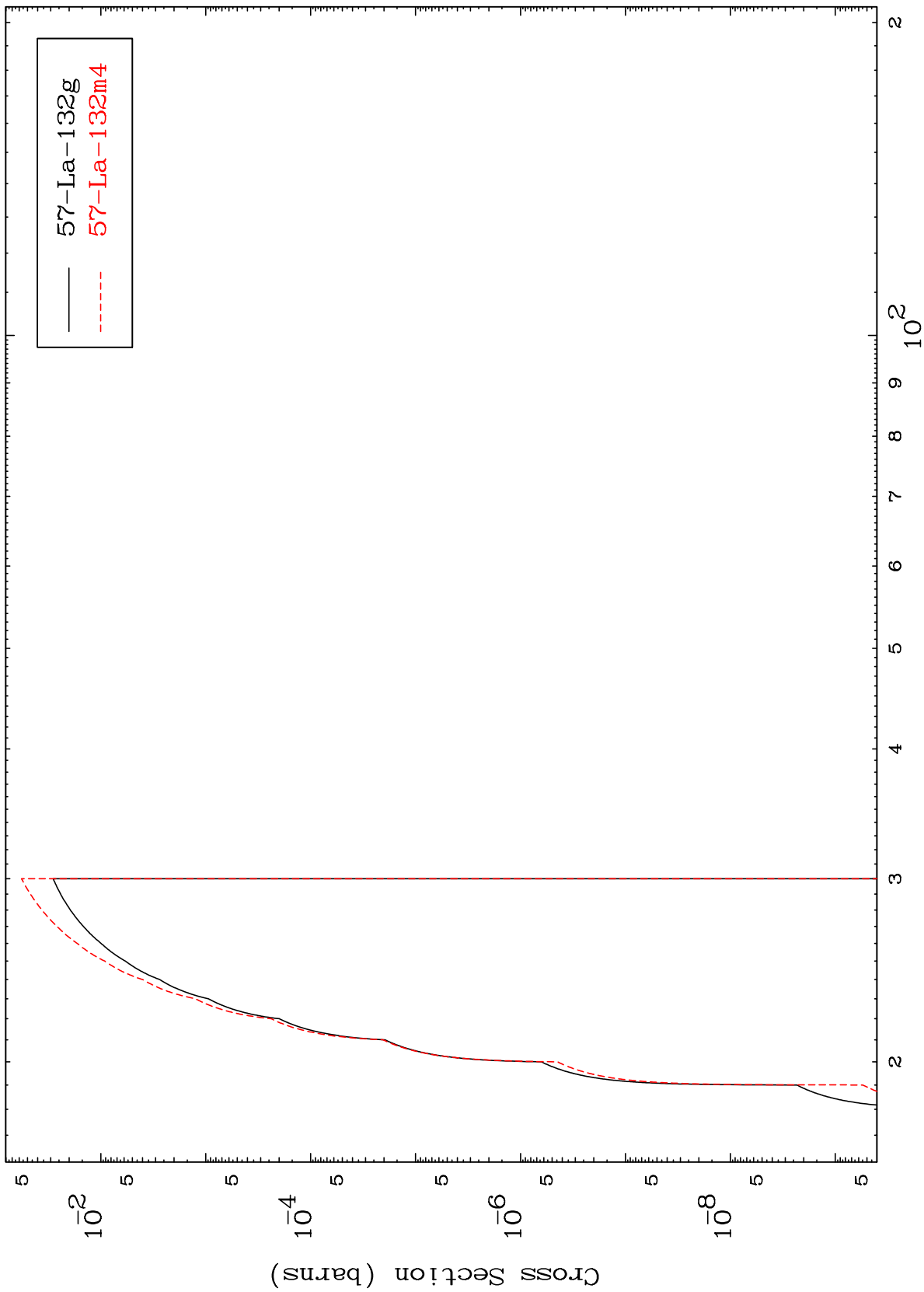
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

(n,2n) p  
Radionuclide Production Cross Section



135

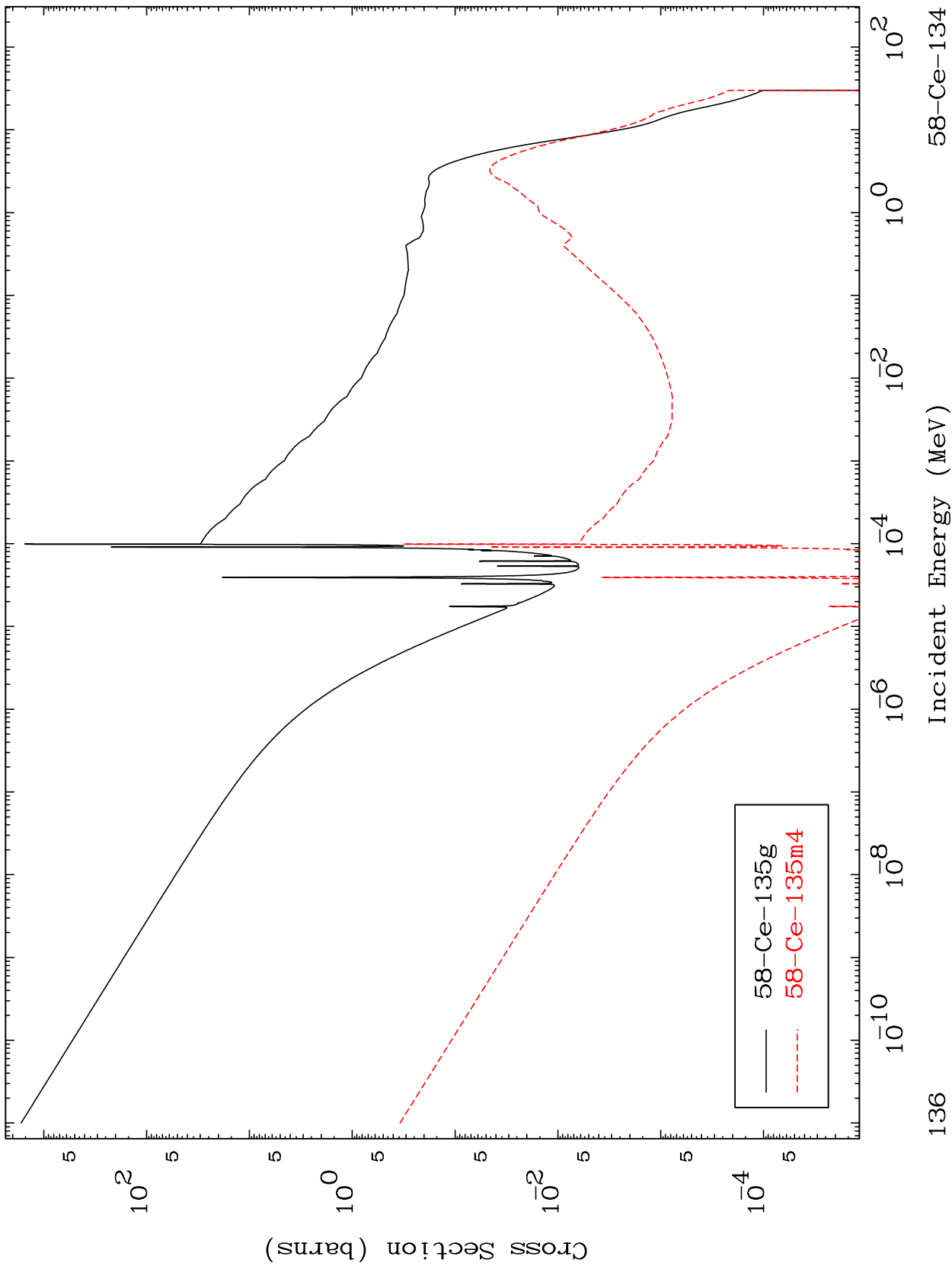
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

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

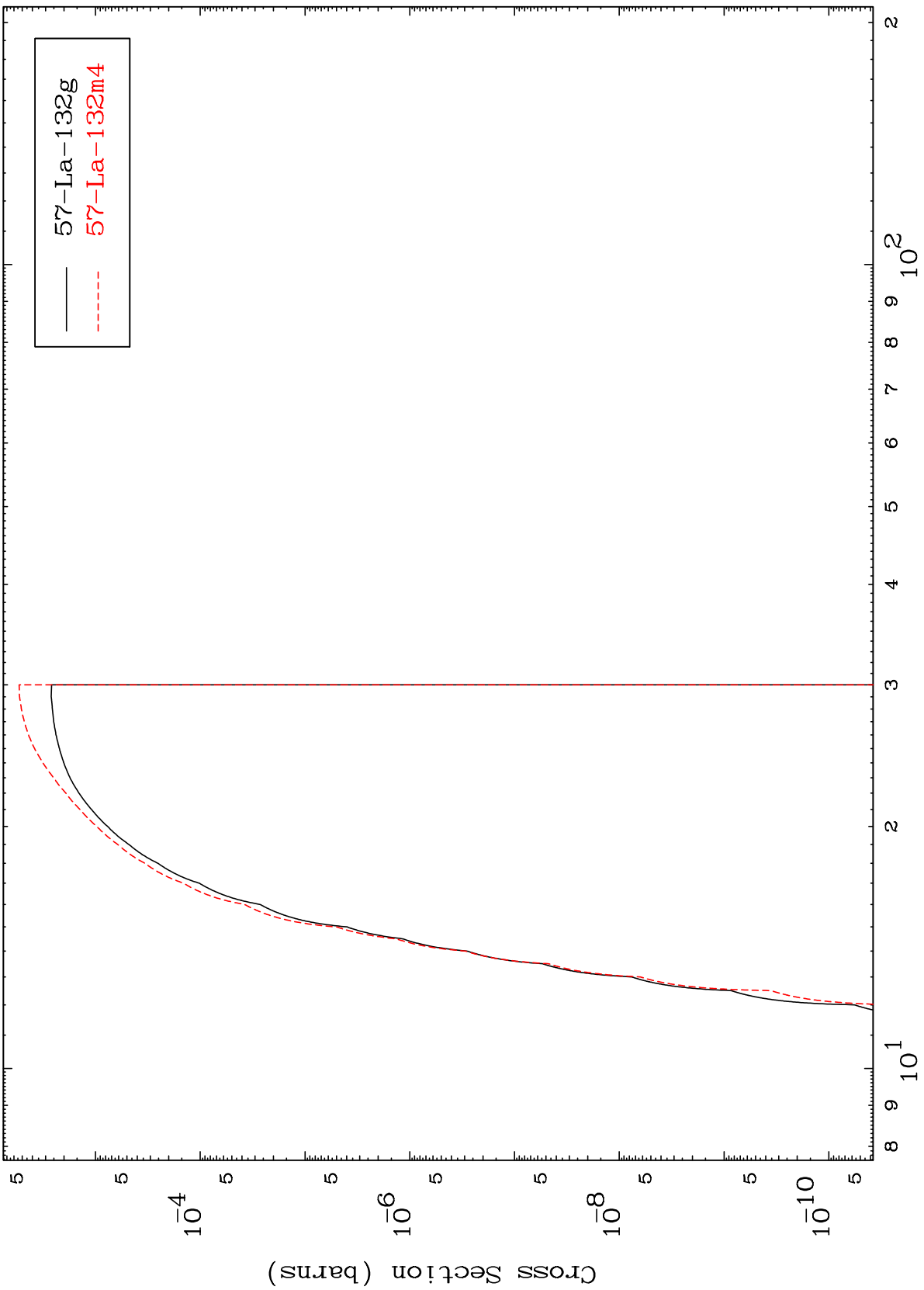


136

MAT 5819

58-Ce-134

(n, t)  
Radionuclide Production Cross Section



137

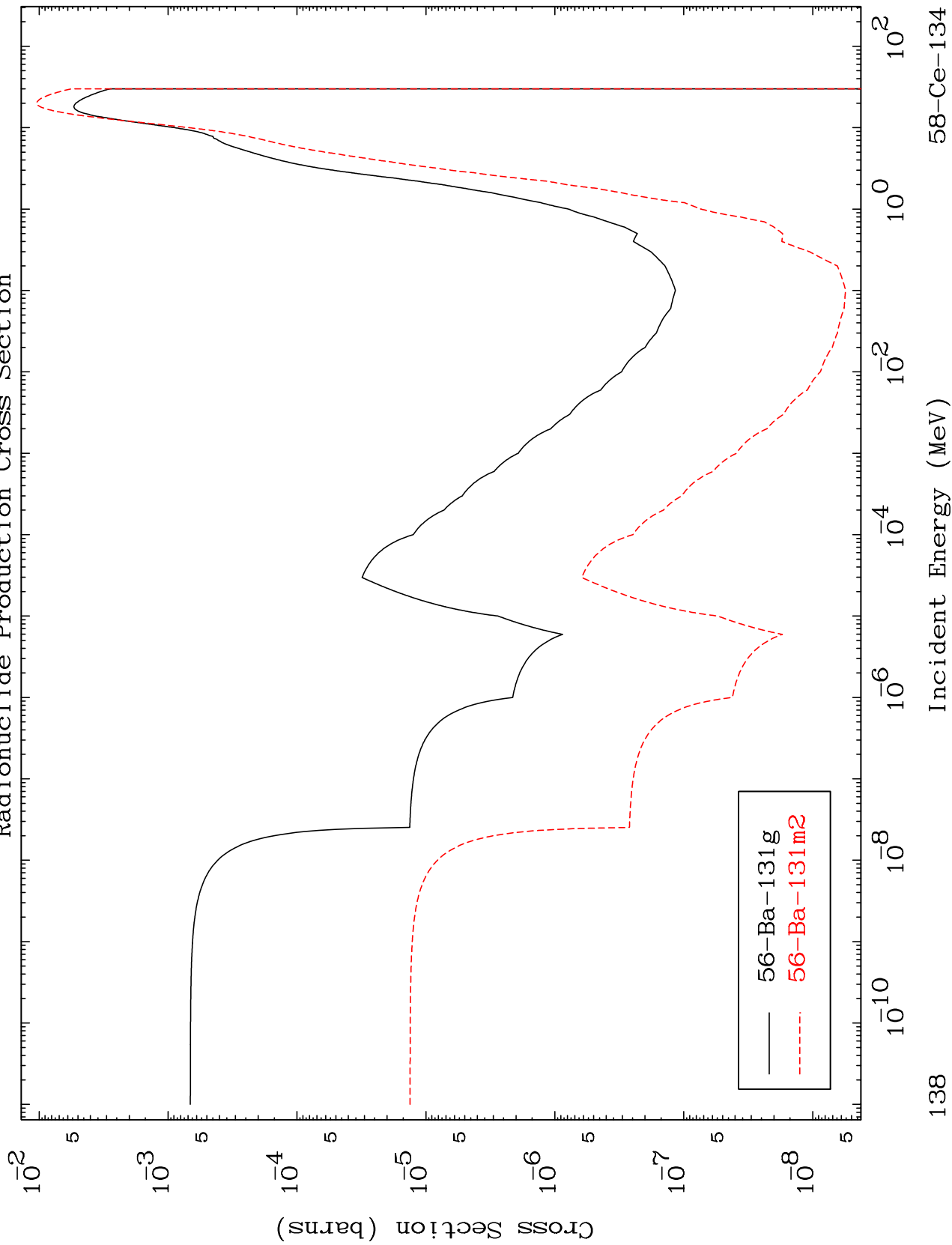
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

Radionuclide Production Cross Section



138

58-Ce-134

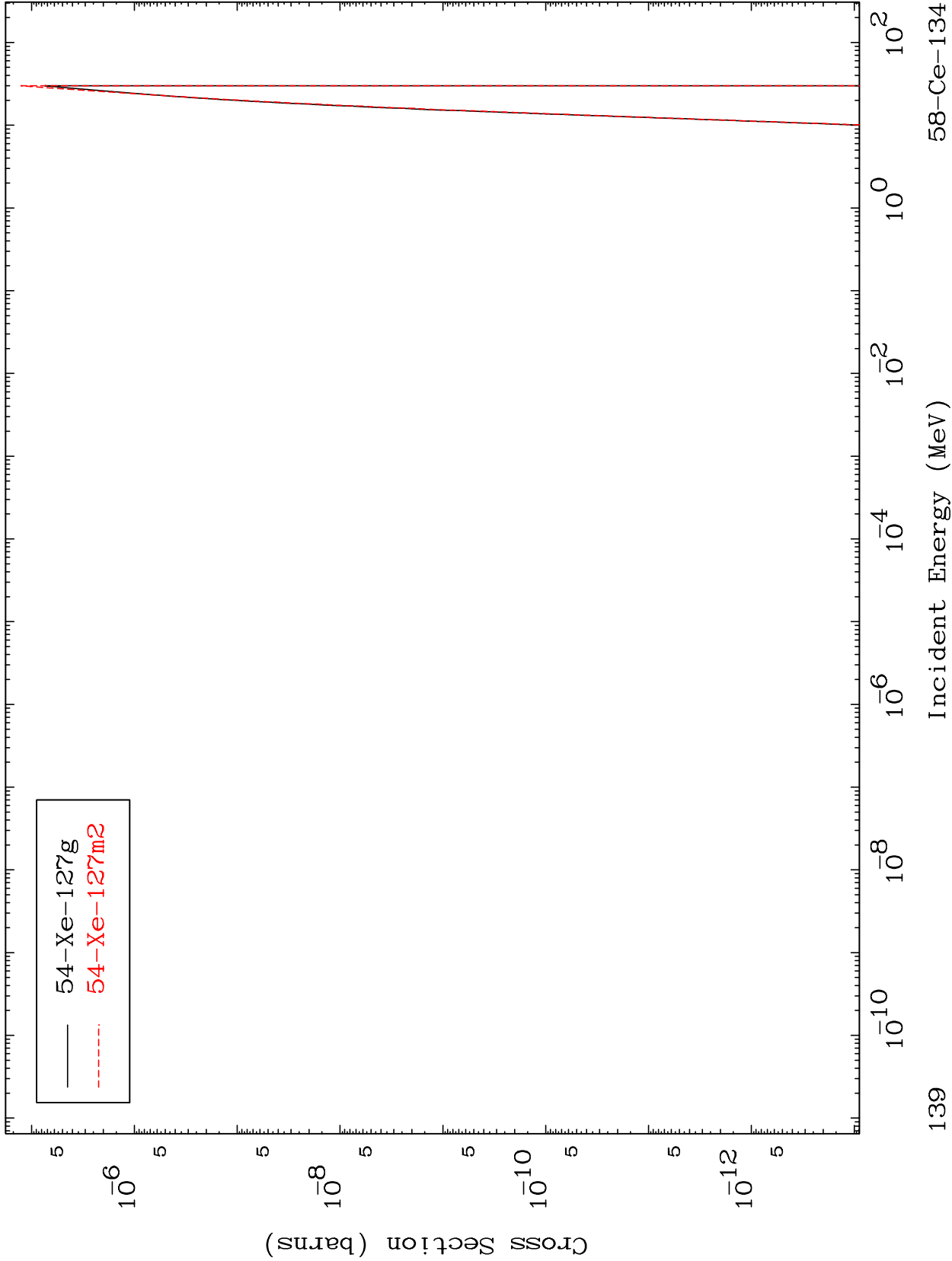
Incident Energy (MeV)

MAT 5819

(n,2α)

58-Ce-134

Radionuclide Production Cross Section

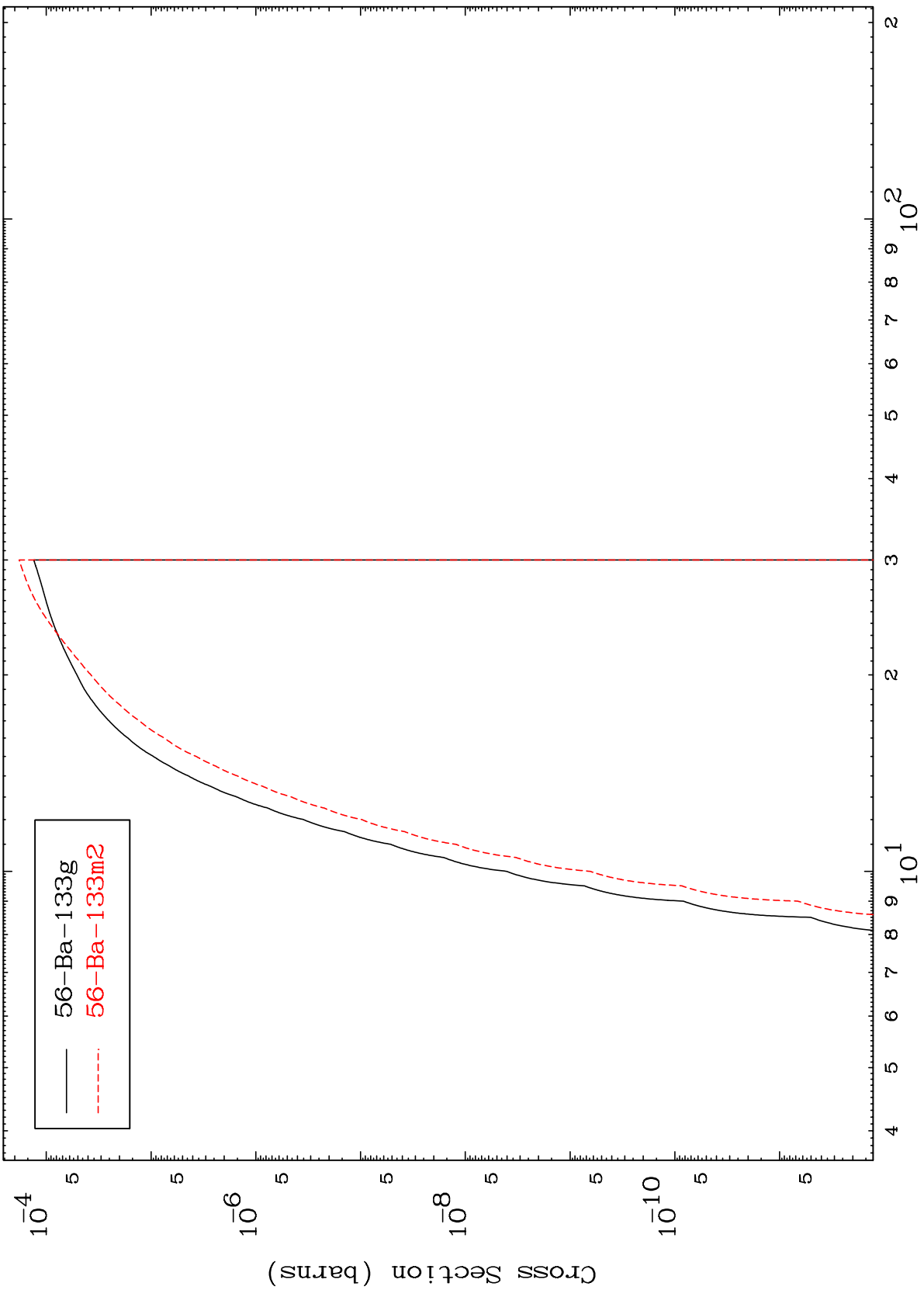


54-Xe-127g  
54-Xe-127m2

MAT 5819

58-Ce-134

(n,2p)  
Radionuclide Production Cross Section



56-Ba-133g  
56-Ba-133m2

140

Incident Energy (MeV)

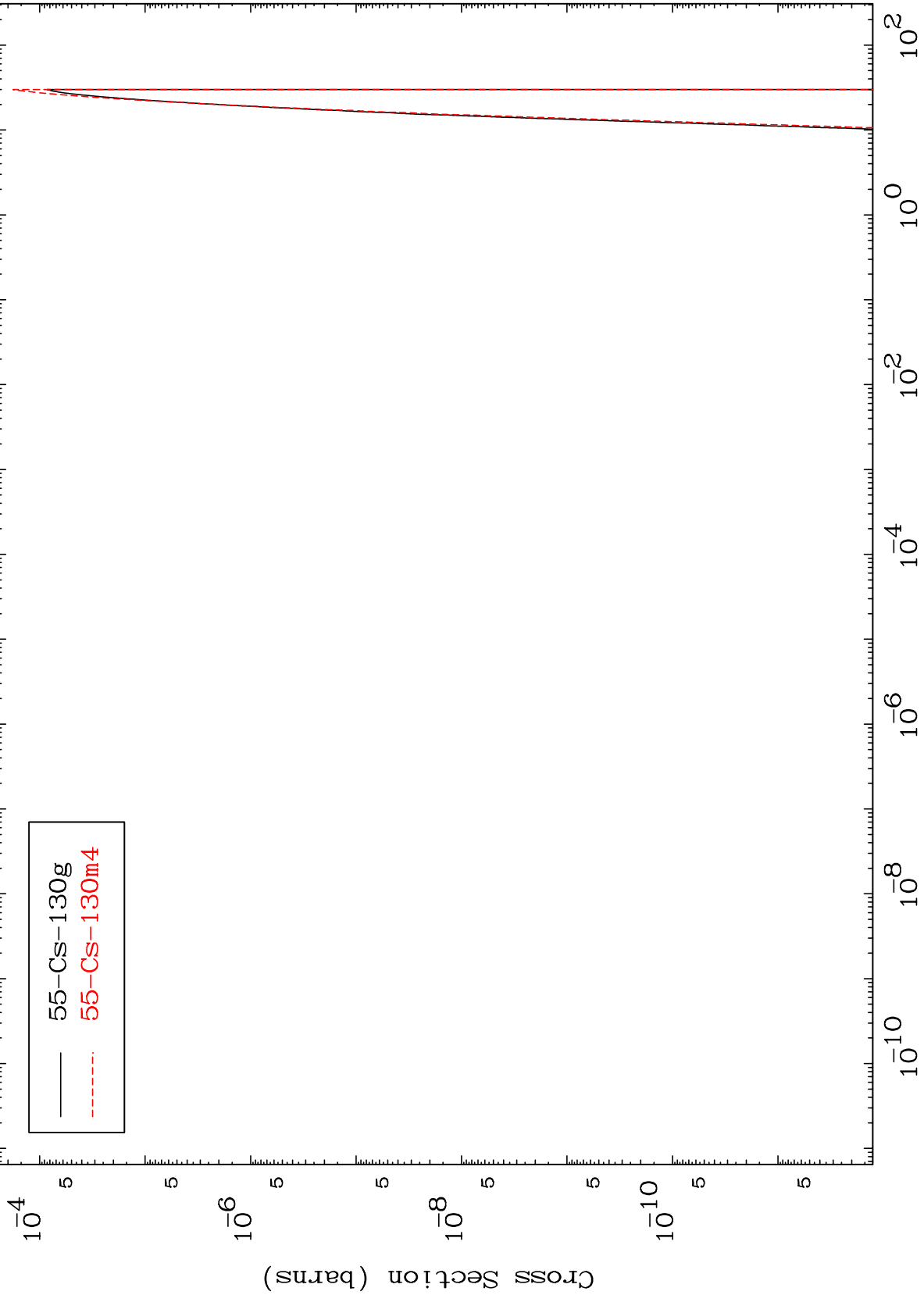
58-Ce-134

MAT 5819

(n,p)  $\alpha$

58-Ce-134

Radionuclide Production Cross Section



141

Incident Energy (MeV)

58-Ce-134

Radionuclide Production Cross Section

