

Program EVALPLOT  
(Version 2017-1)

by

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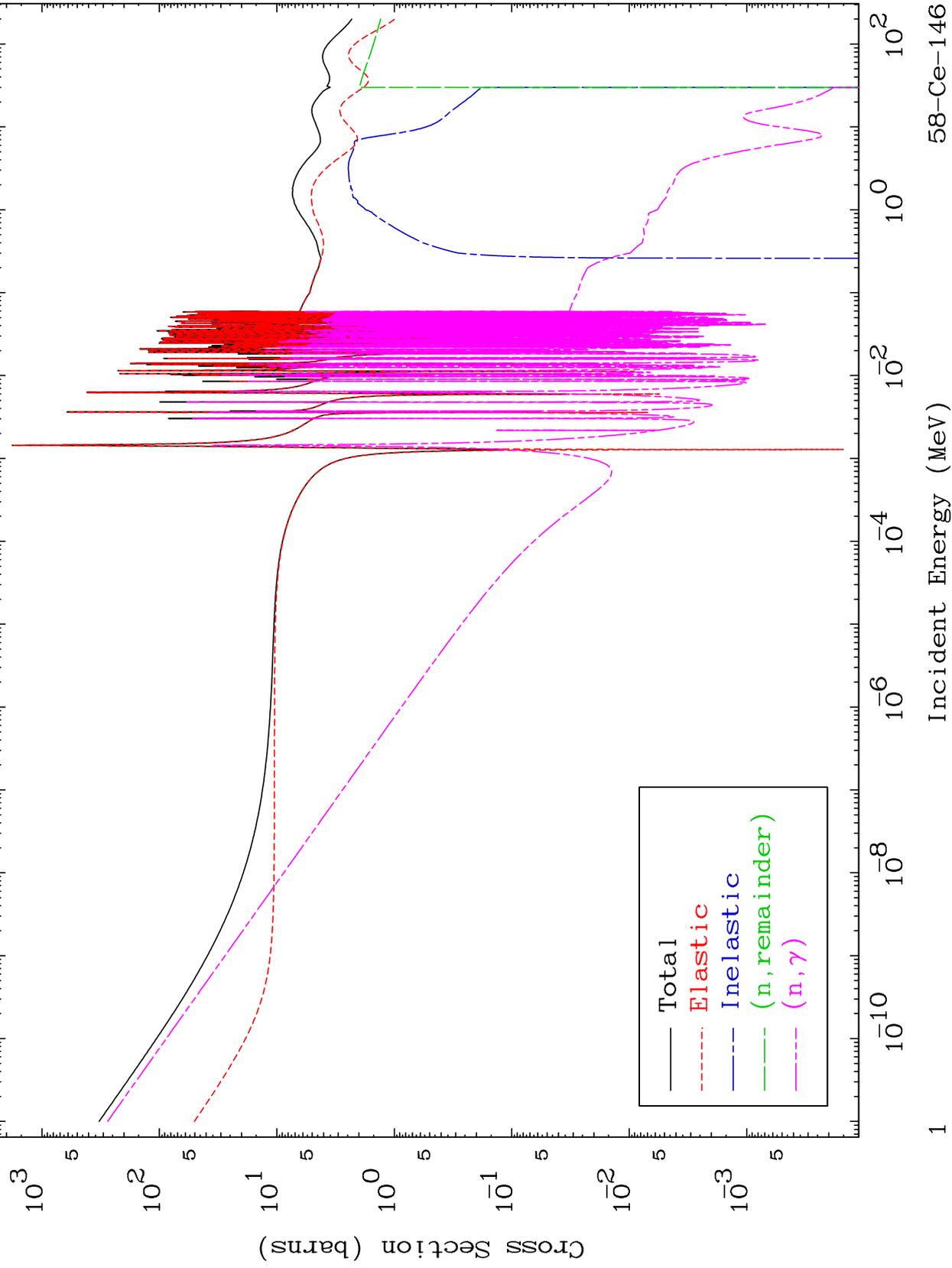
Press Mouse Button to Start

MAT 5855

Major

293 Kelvin Cross Sections

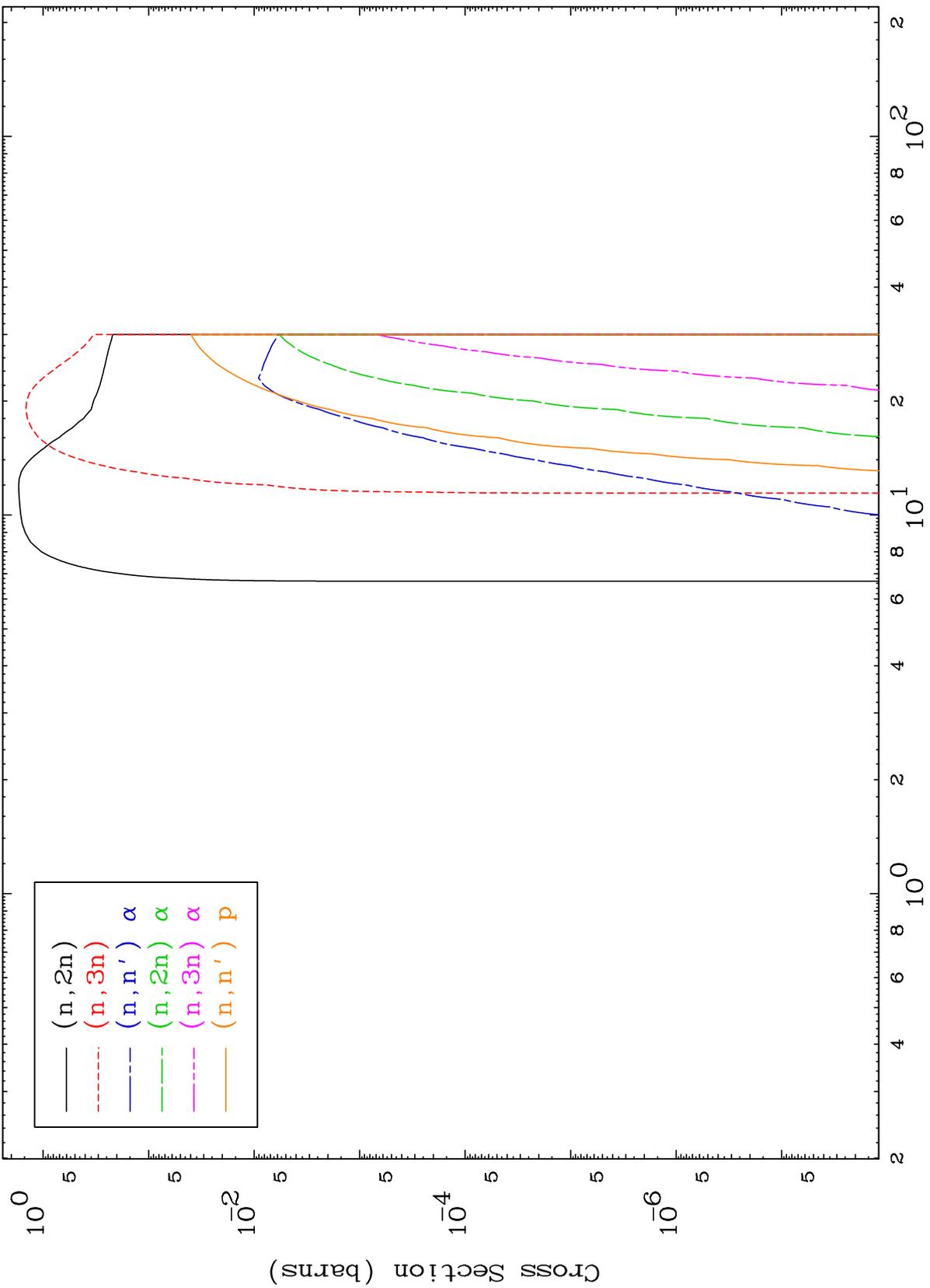
58-Ce-146

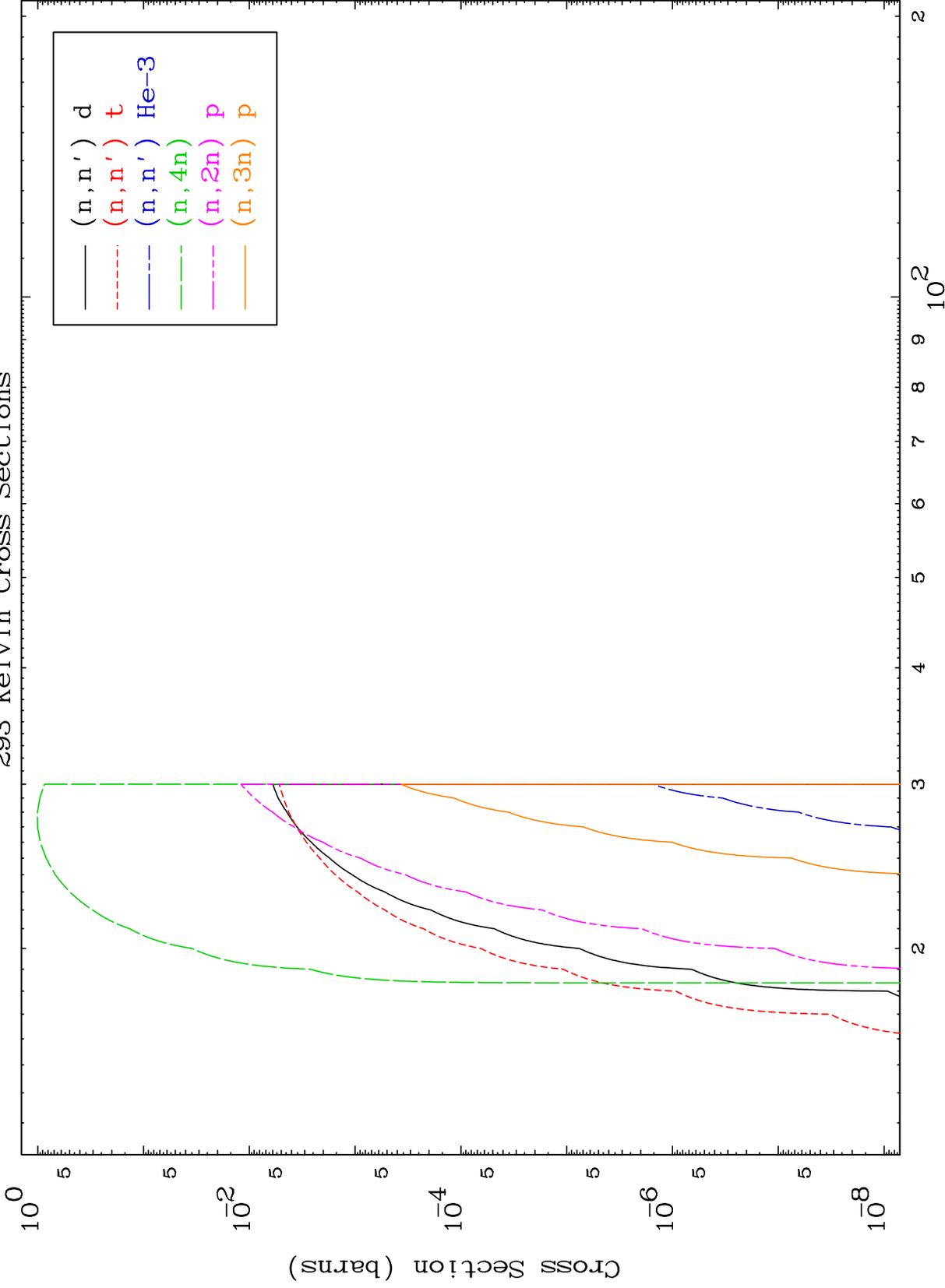


MAT 5855

Neutron Production  
293 Kelvin Cross Sections

58-Ce-146

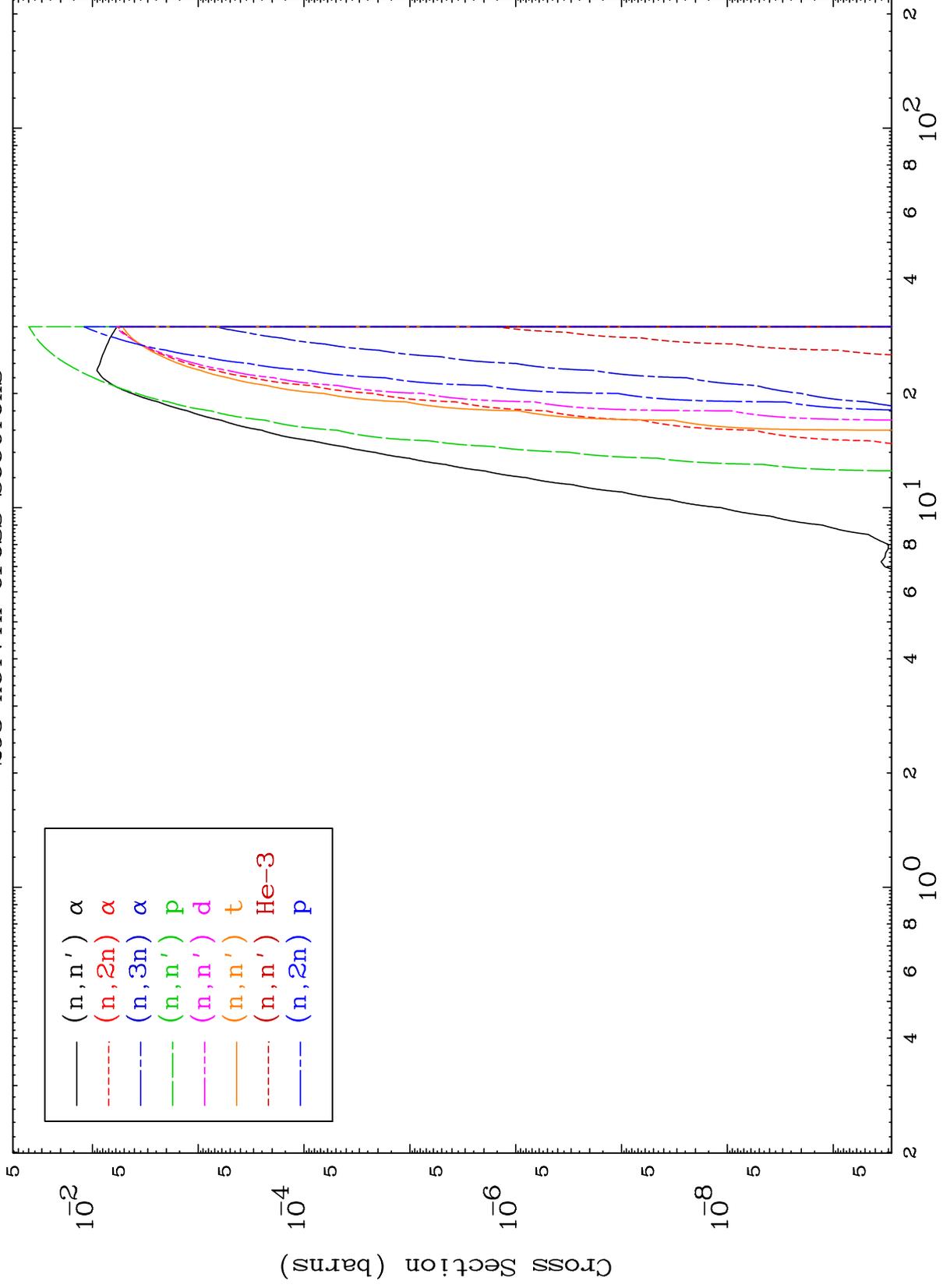




MAT 5855

Charged Particle  
293 Kelvin Cross Sections

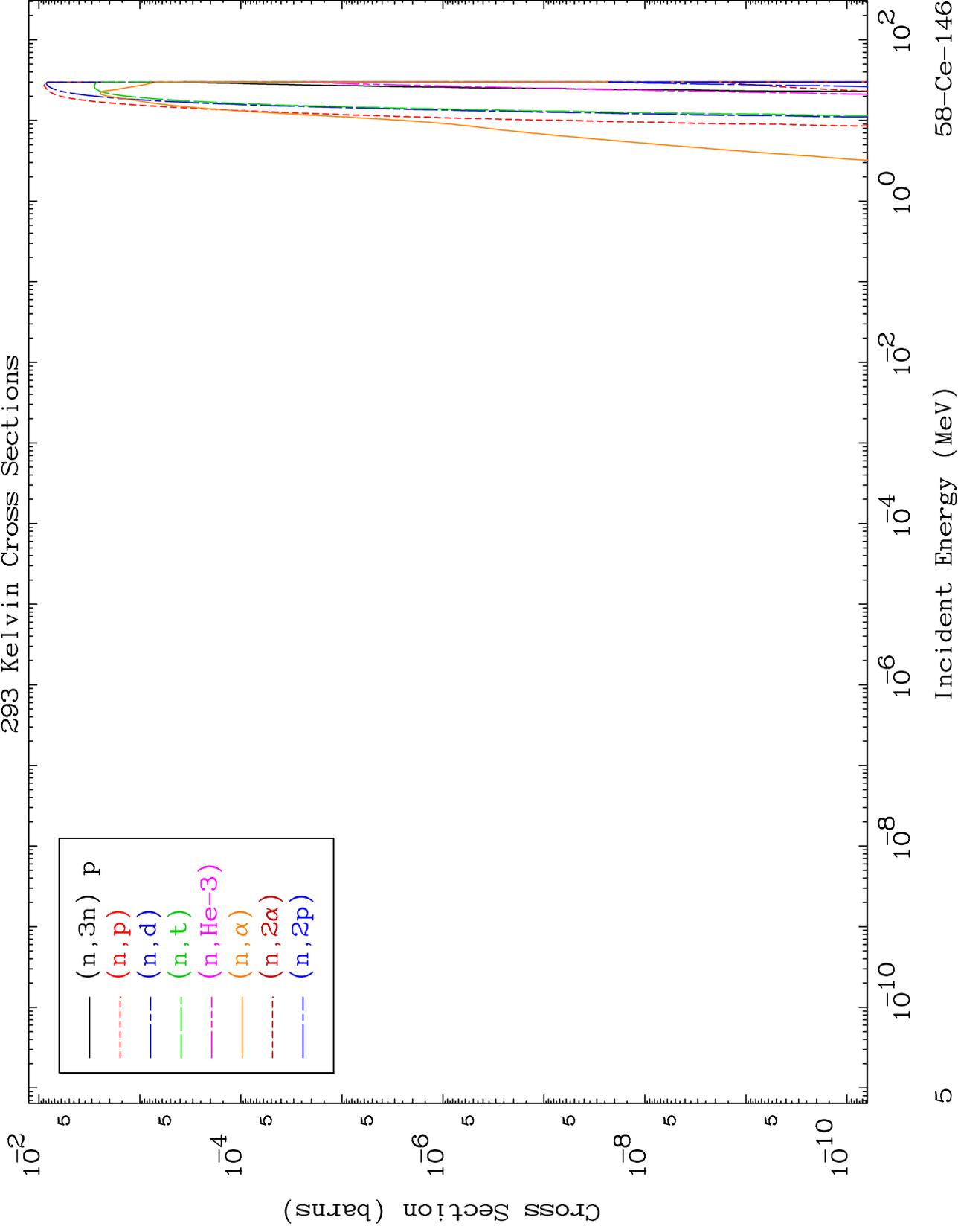
58-Ce-146



MAT 5855

Charged Particle  
293 Kelvin Cross Sections

58-Ce-146

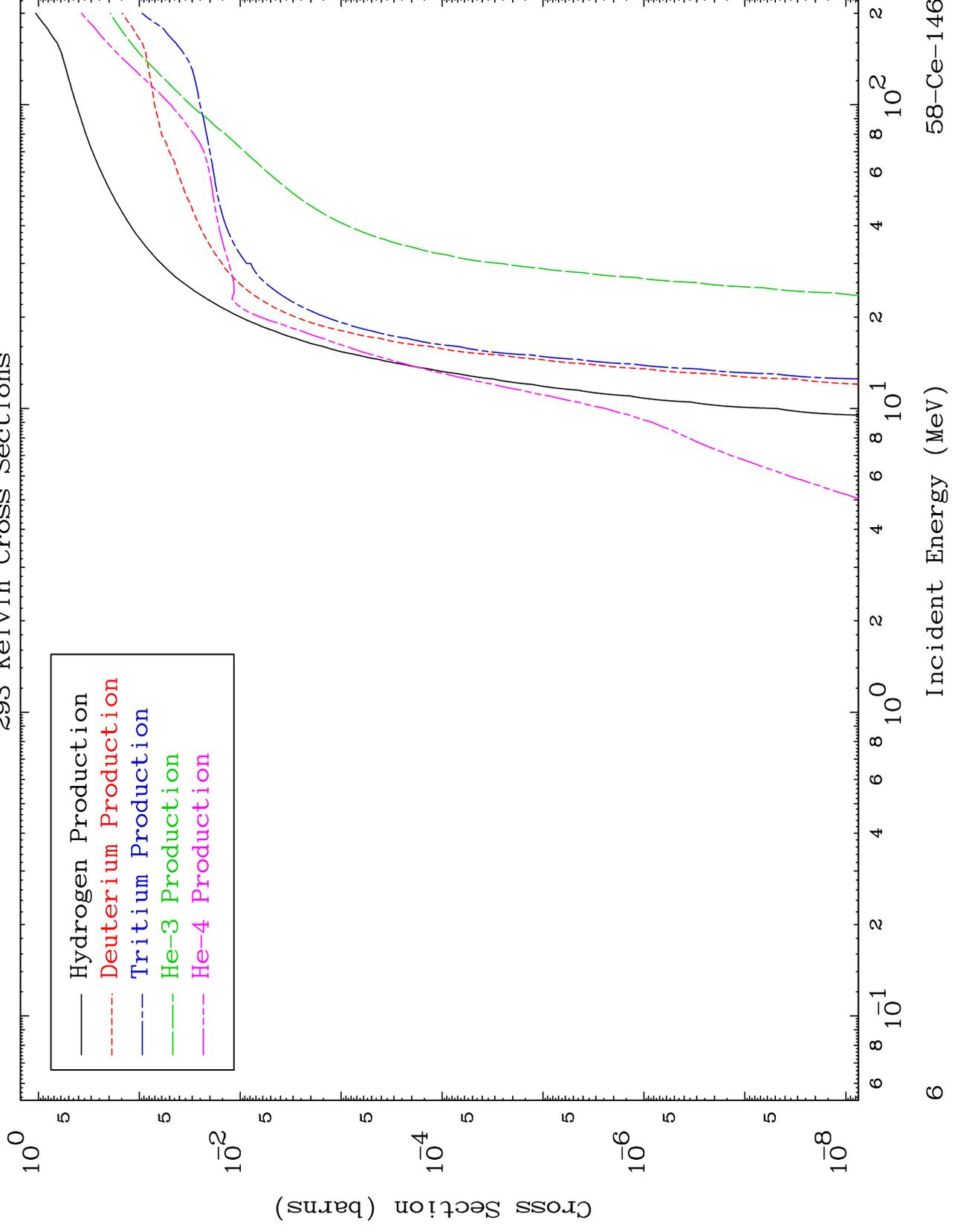


5

MAT 5855

Particle Production  
293 Kelvin Cross Sections

58-Ce-146



6

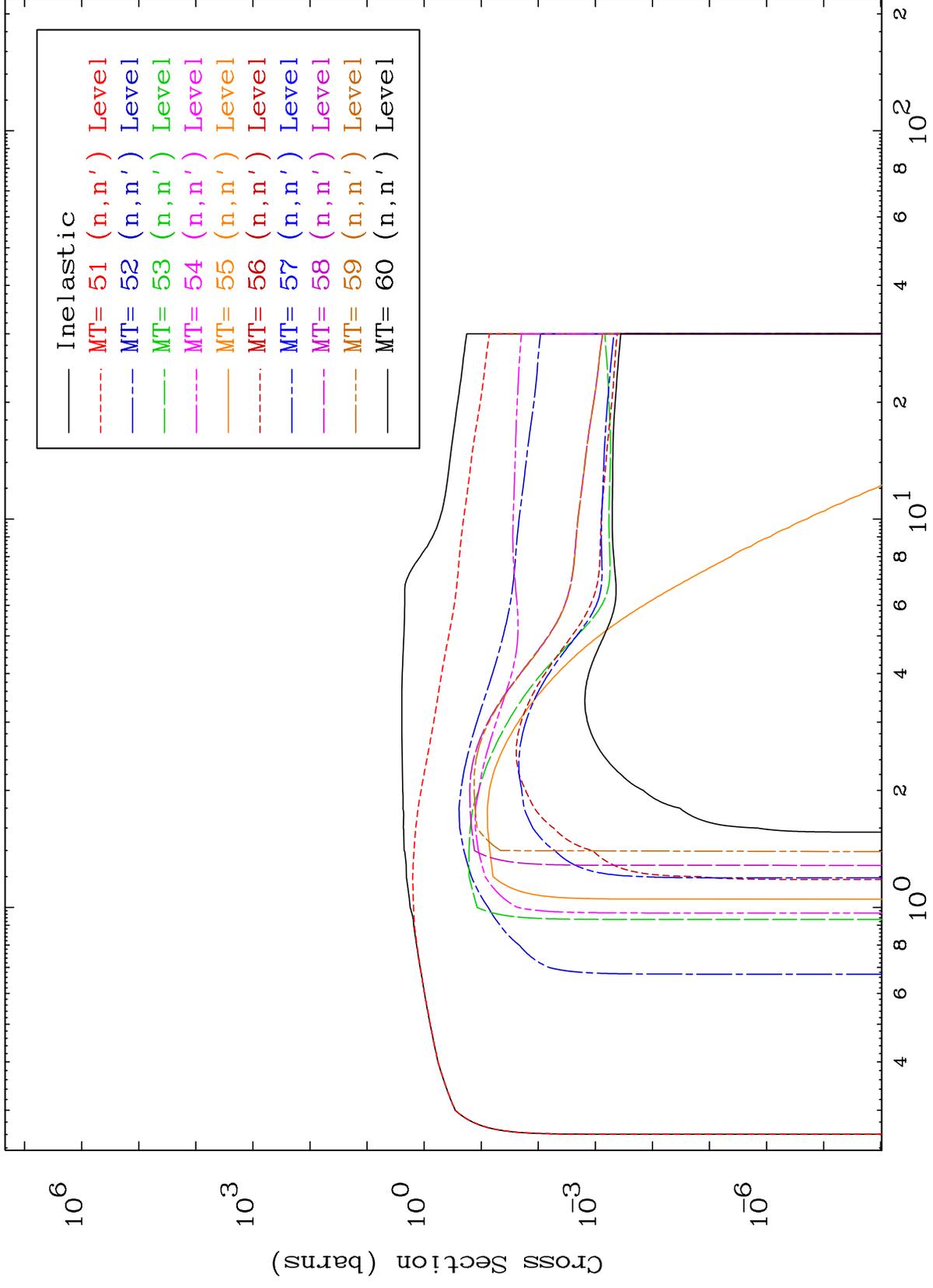
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MAT 5855

(n,n') Level

58-Ce-146

293 Kelvin Cross Sections

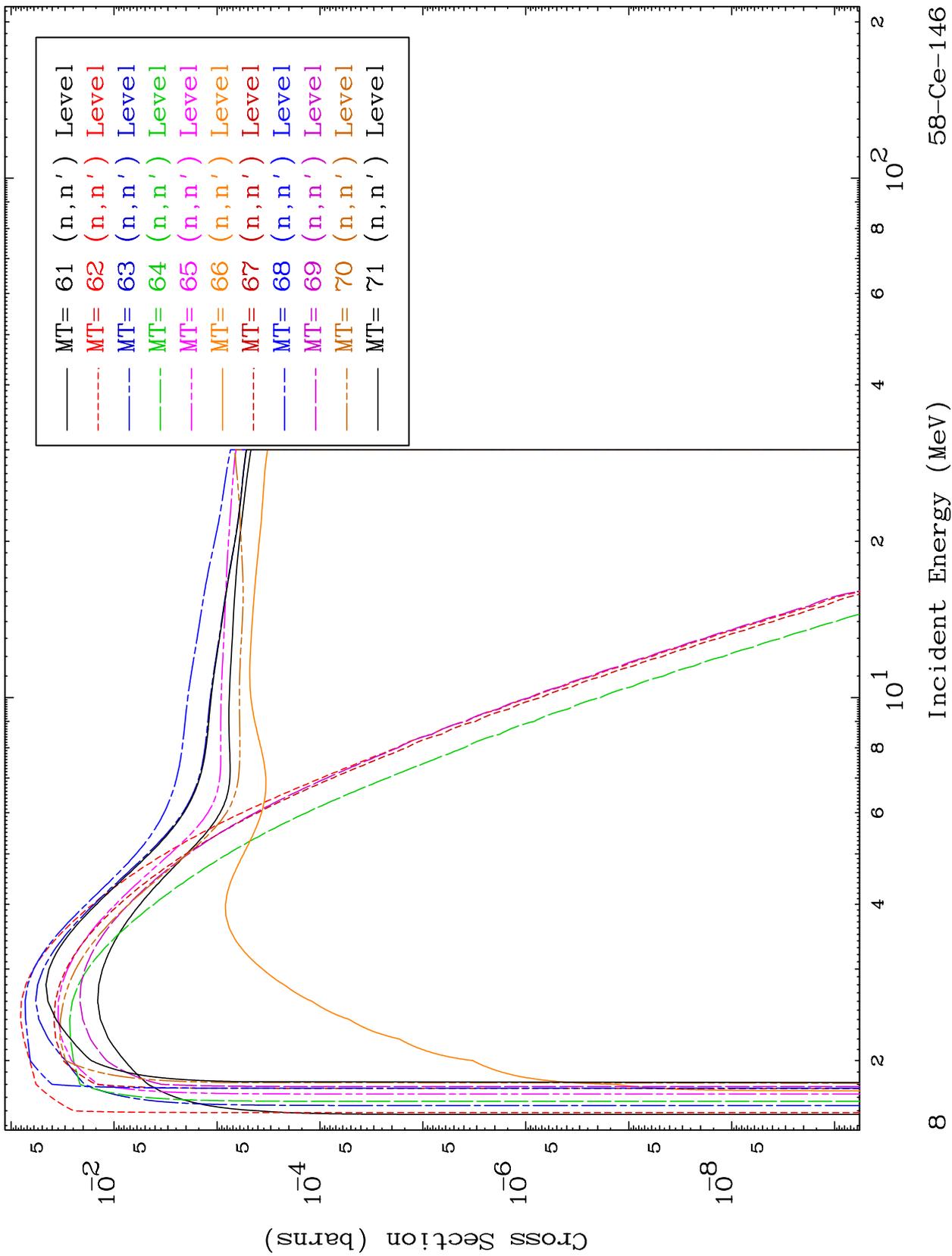


MAT 5855

(n,n') Level

58-Ce-146

293 Kelvin Cross Sections



58-Ce-146

Incident Energy (MeV)

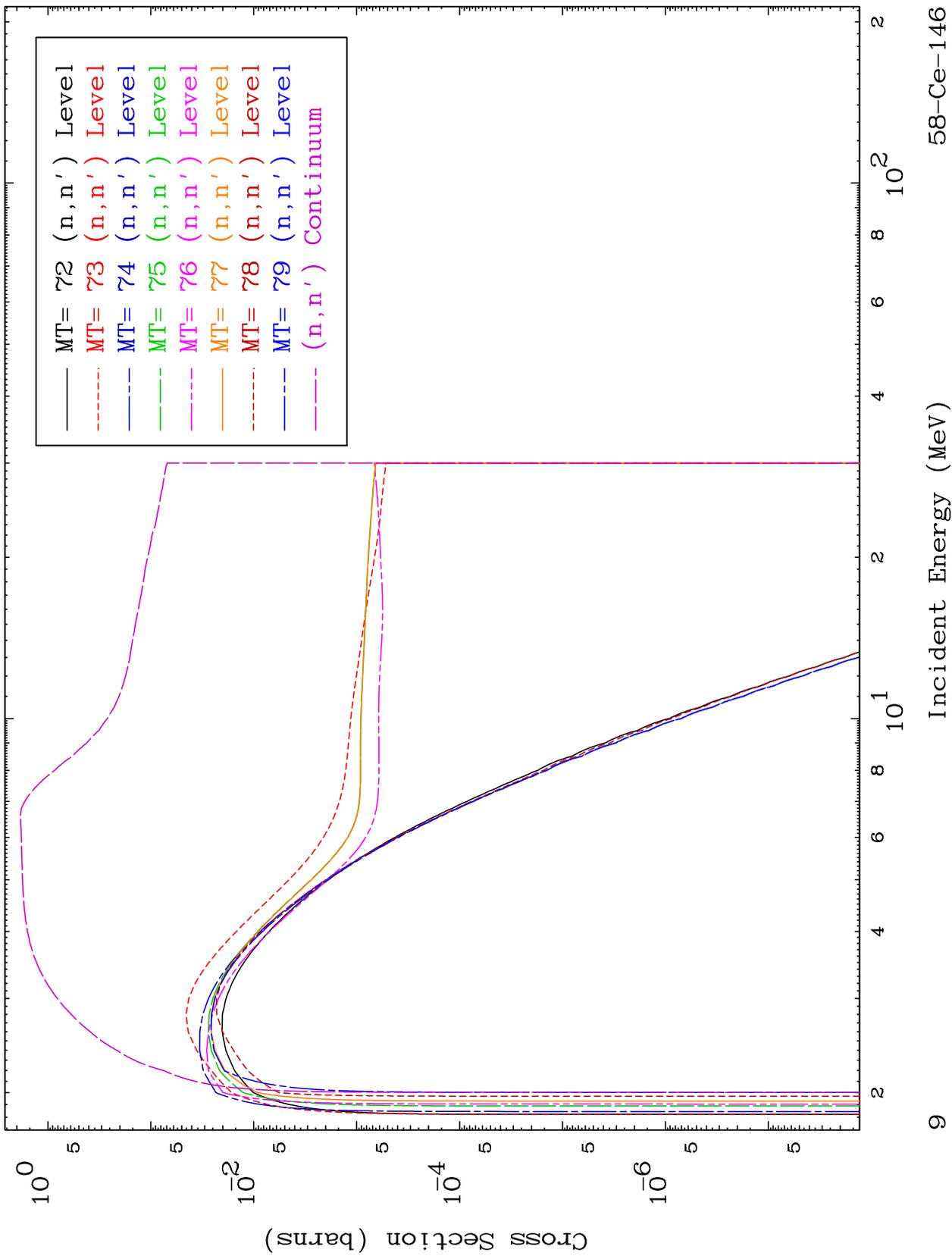
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MAT 5855

(n,n') Level

58-Ce-146

293 Kelvin Cross Sections



9

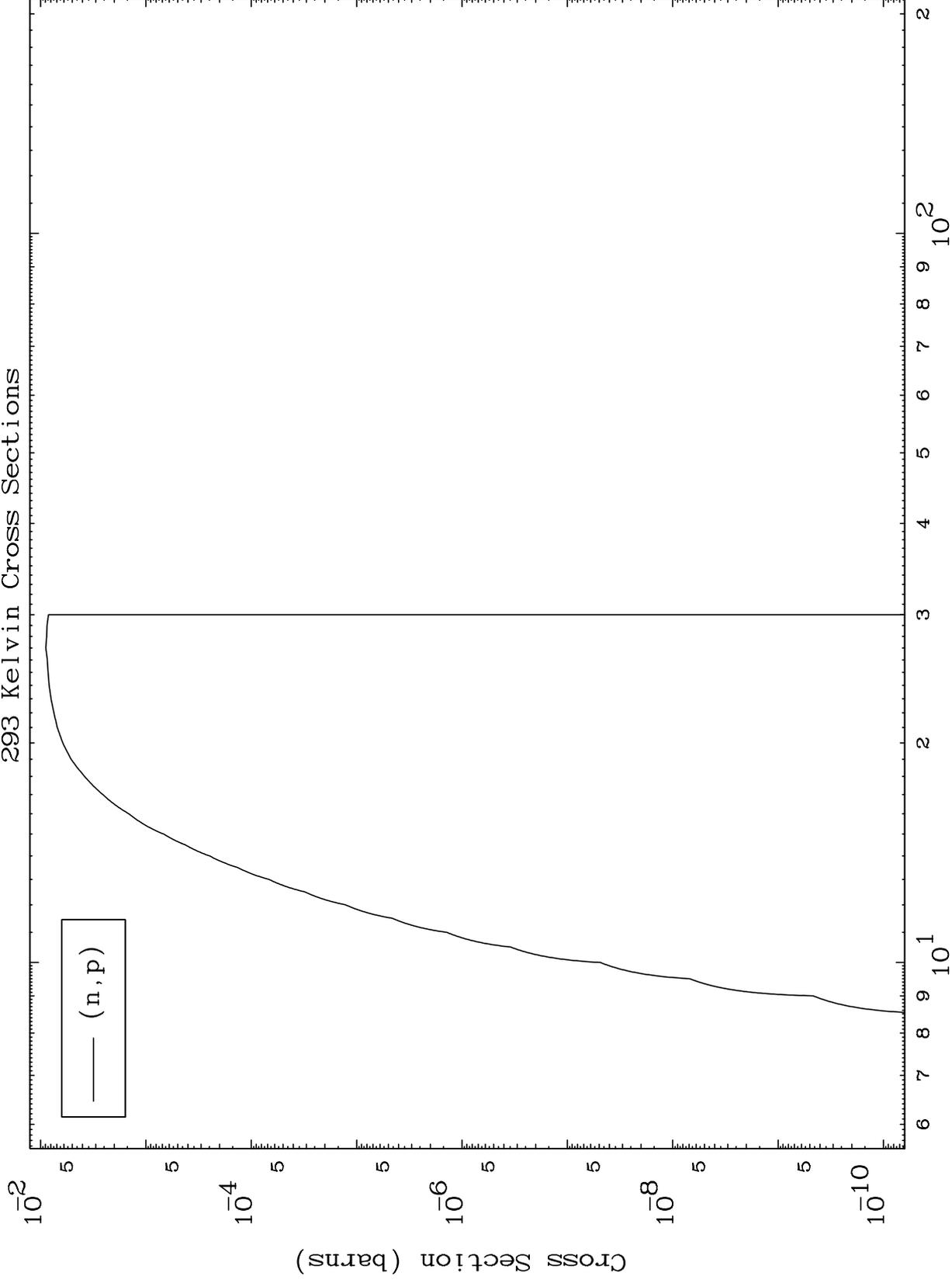
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-146



58-Ce-146

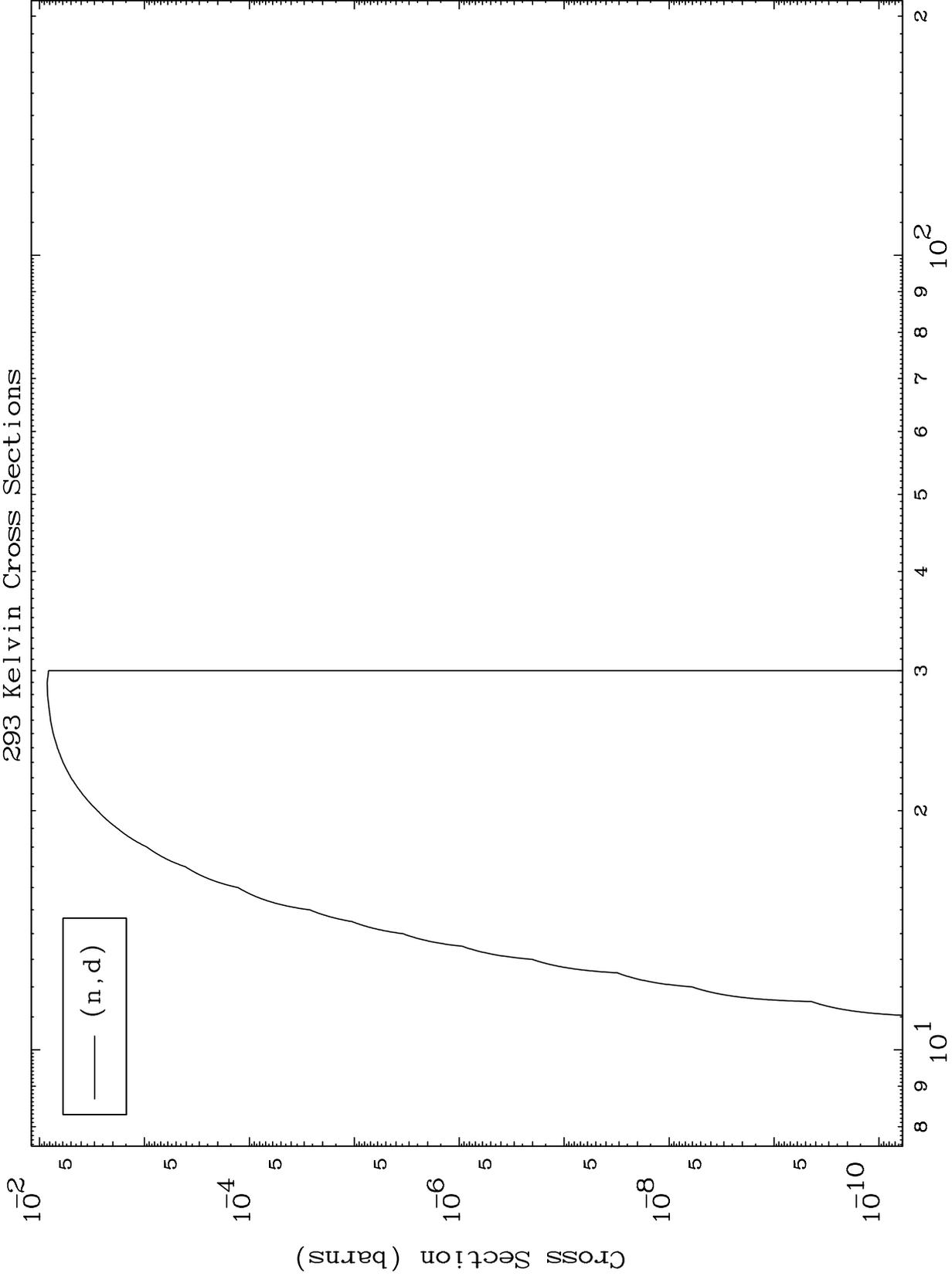
Incident Energy (MeV)

10

MAT 5855

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-146



11

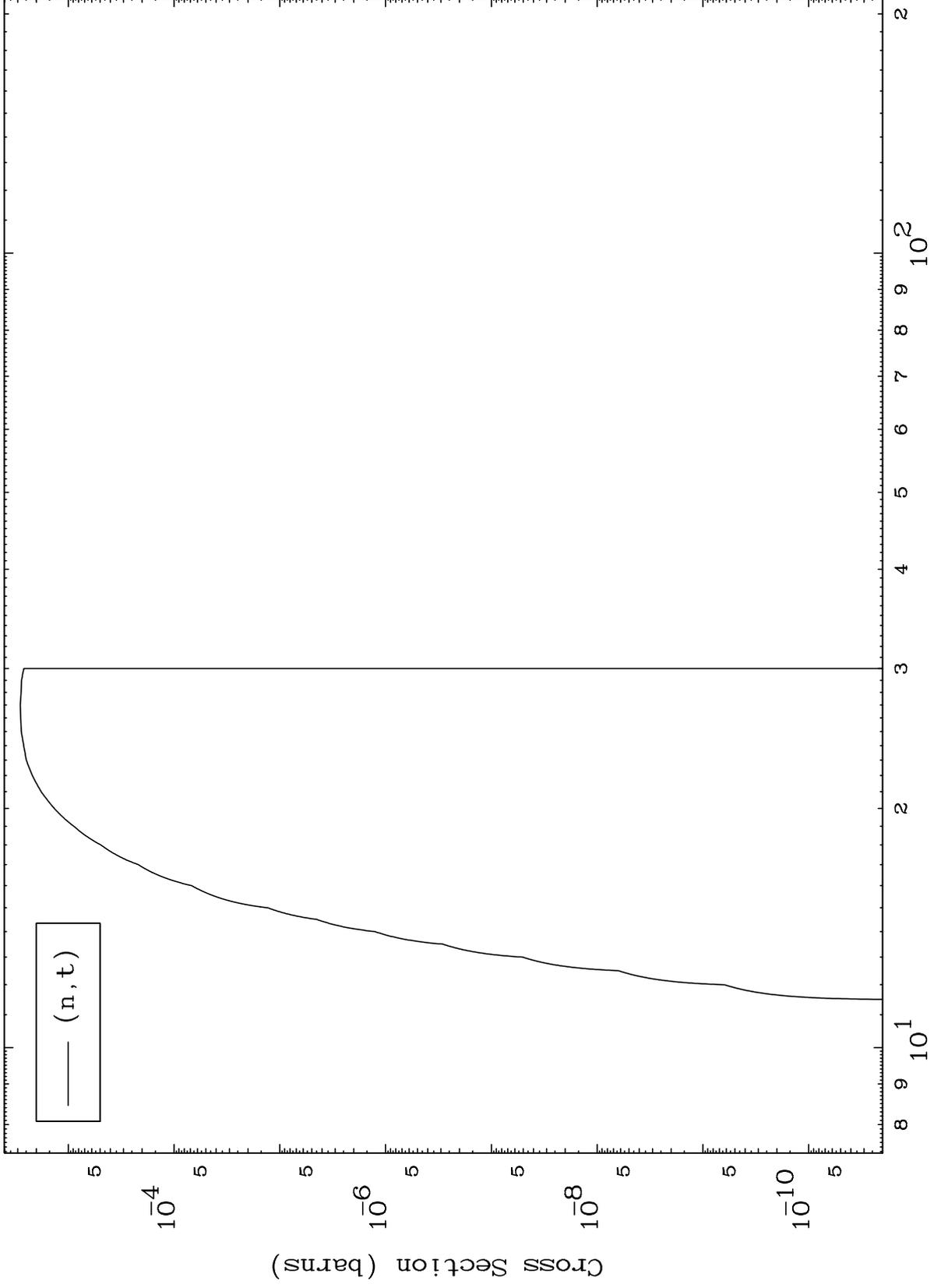
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,t) Levels  
293 Kelvin Cross Sections

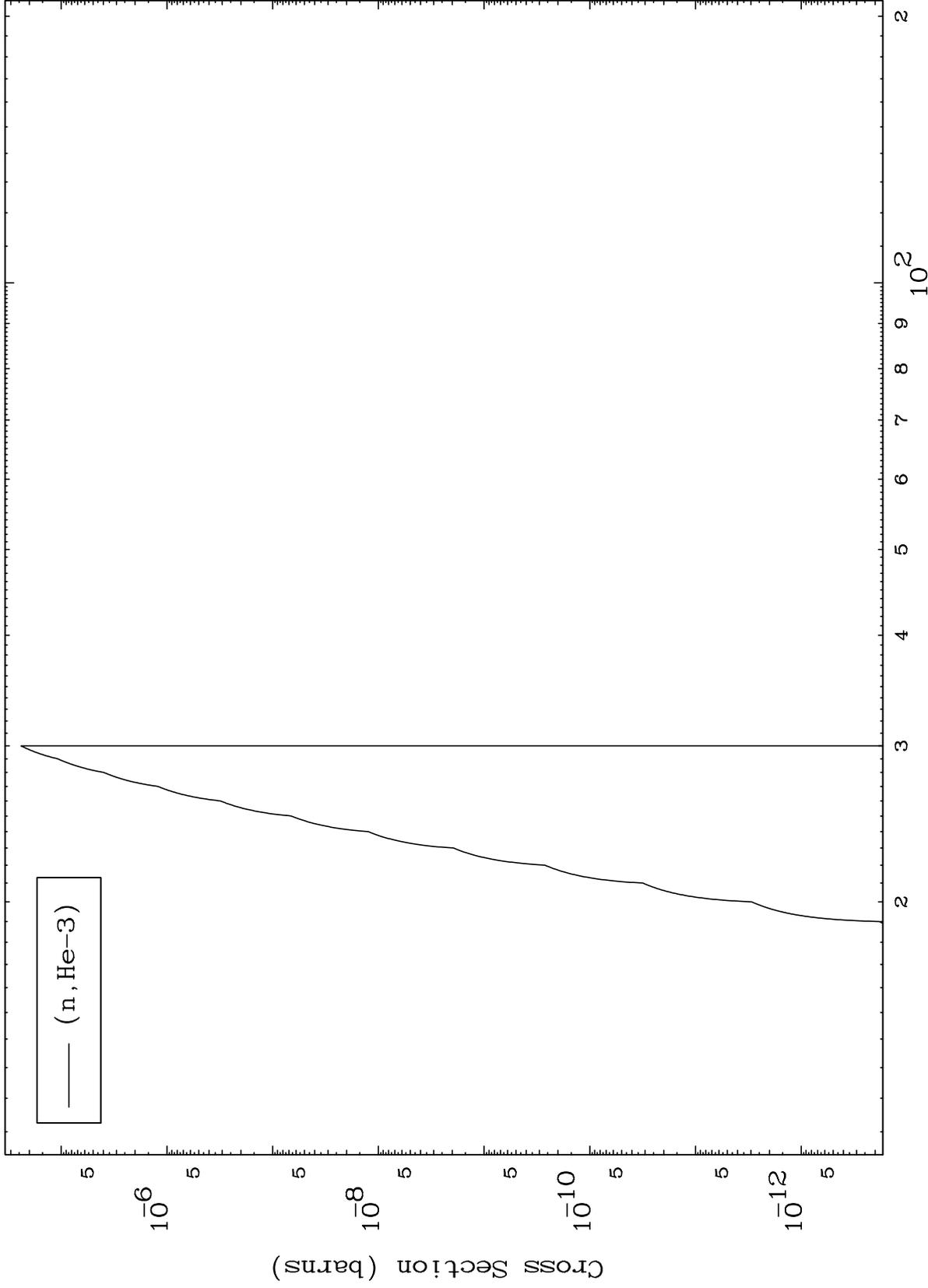
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12

Incident Energy (MeV)

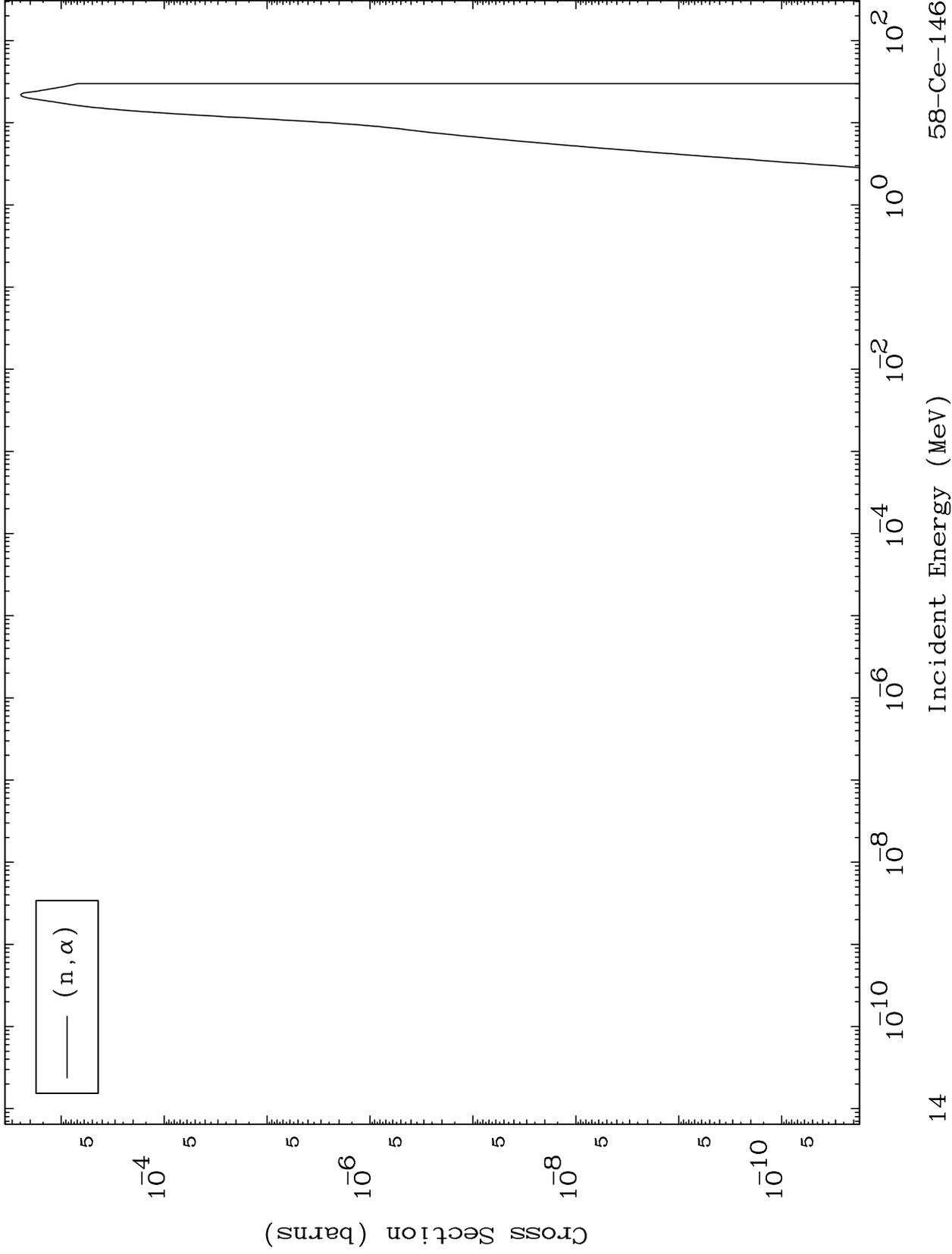
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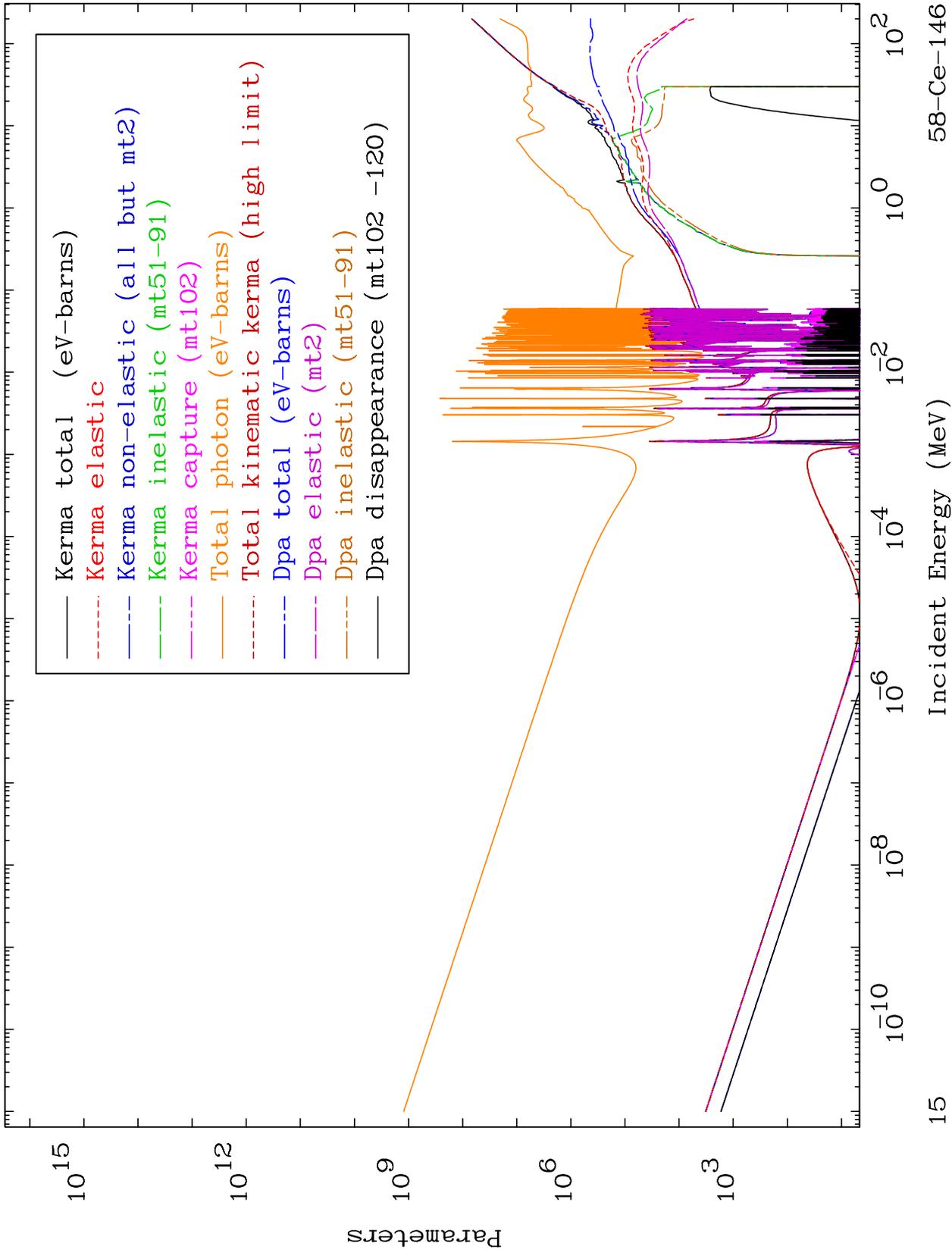


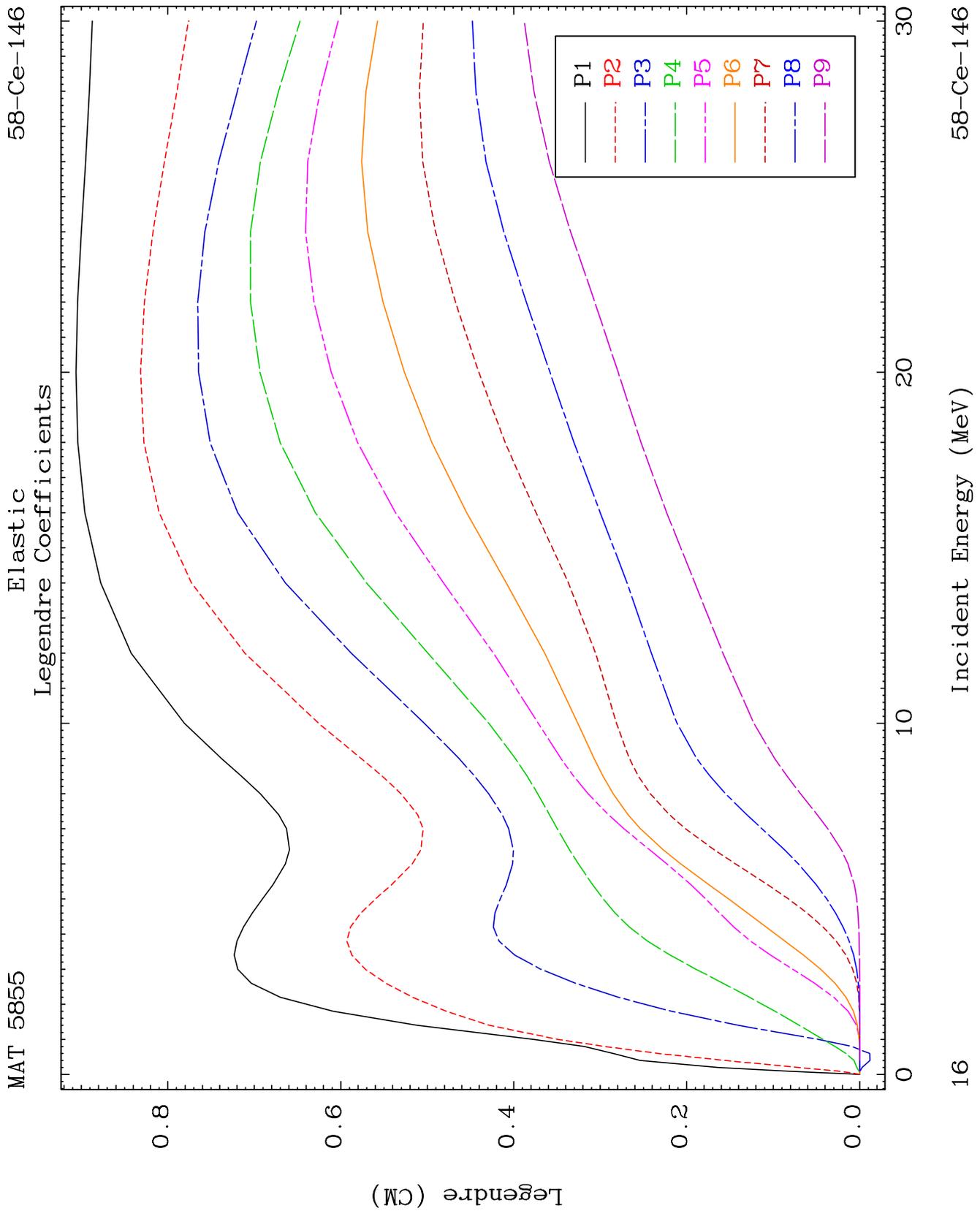
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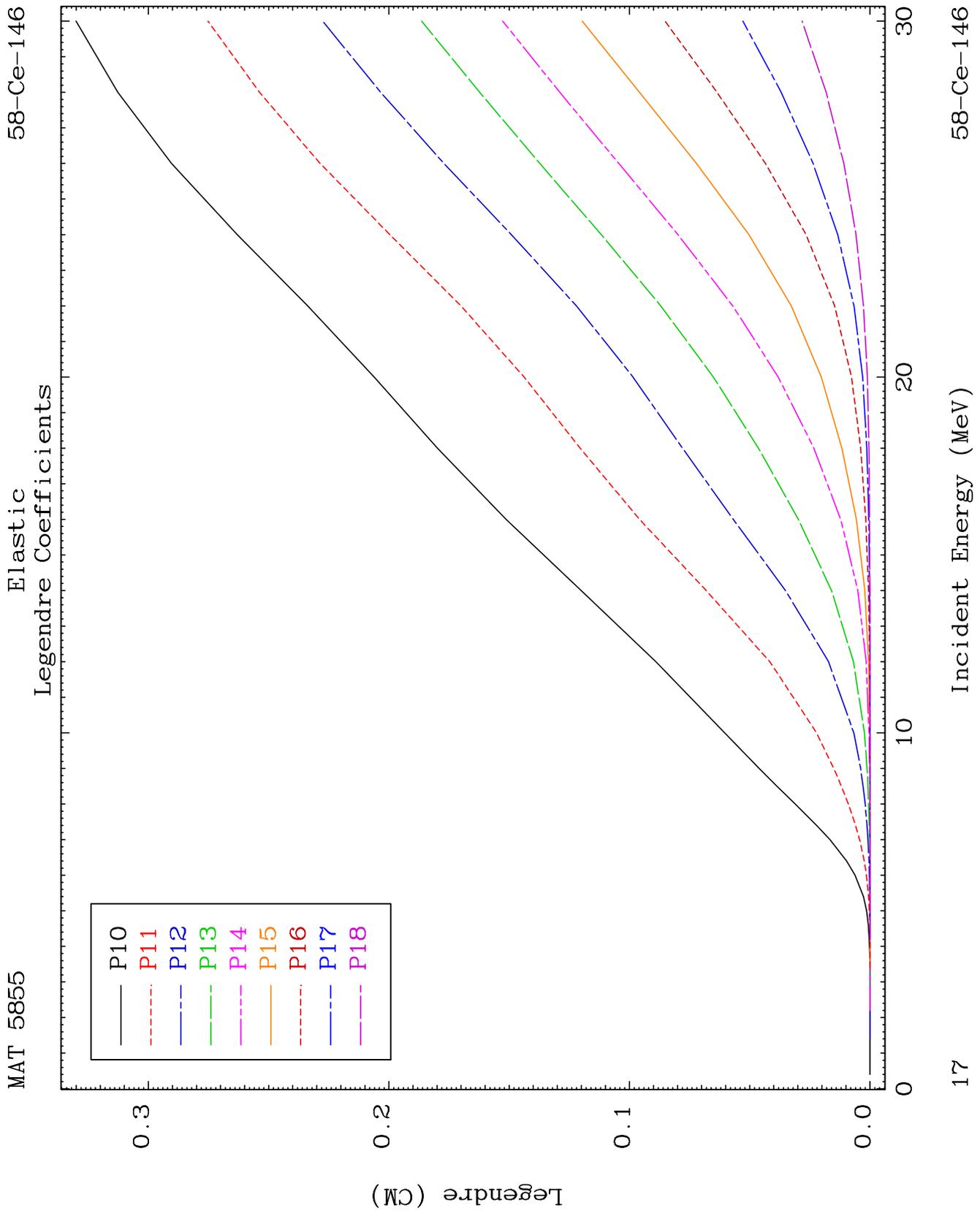
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

58-Ce-146





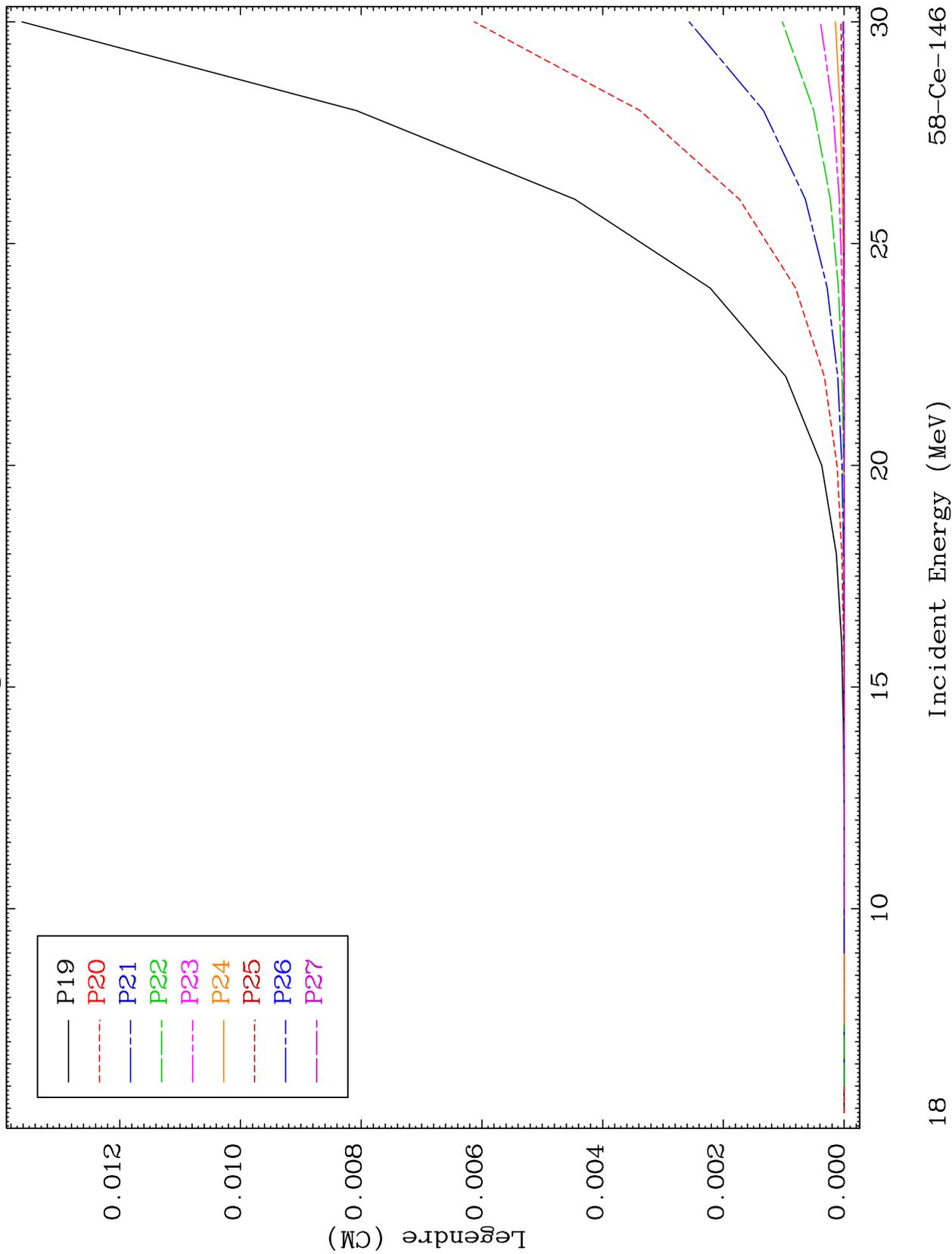




MAT 5855

### Elastic Legendre Coefficients

58-Ce-146



18

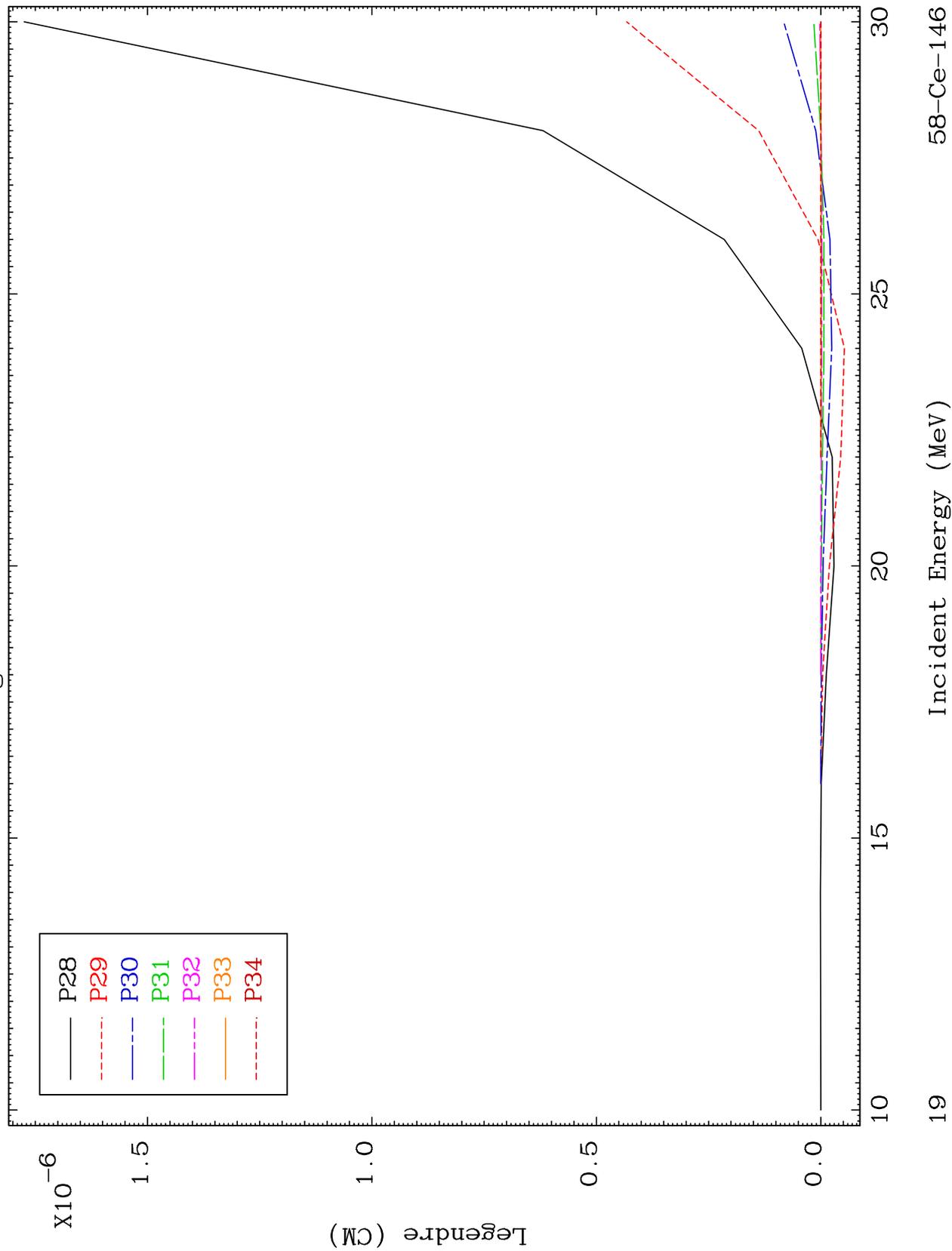
Incident Energy (MeV)

58-Ce-146

MAT 5855

Elastic  
Legendre Coefficients

58-Ce-146



19

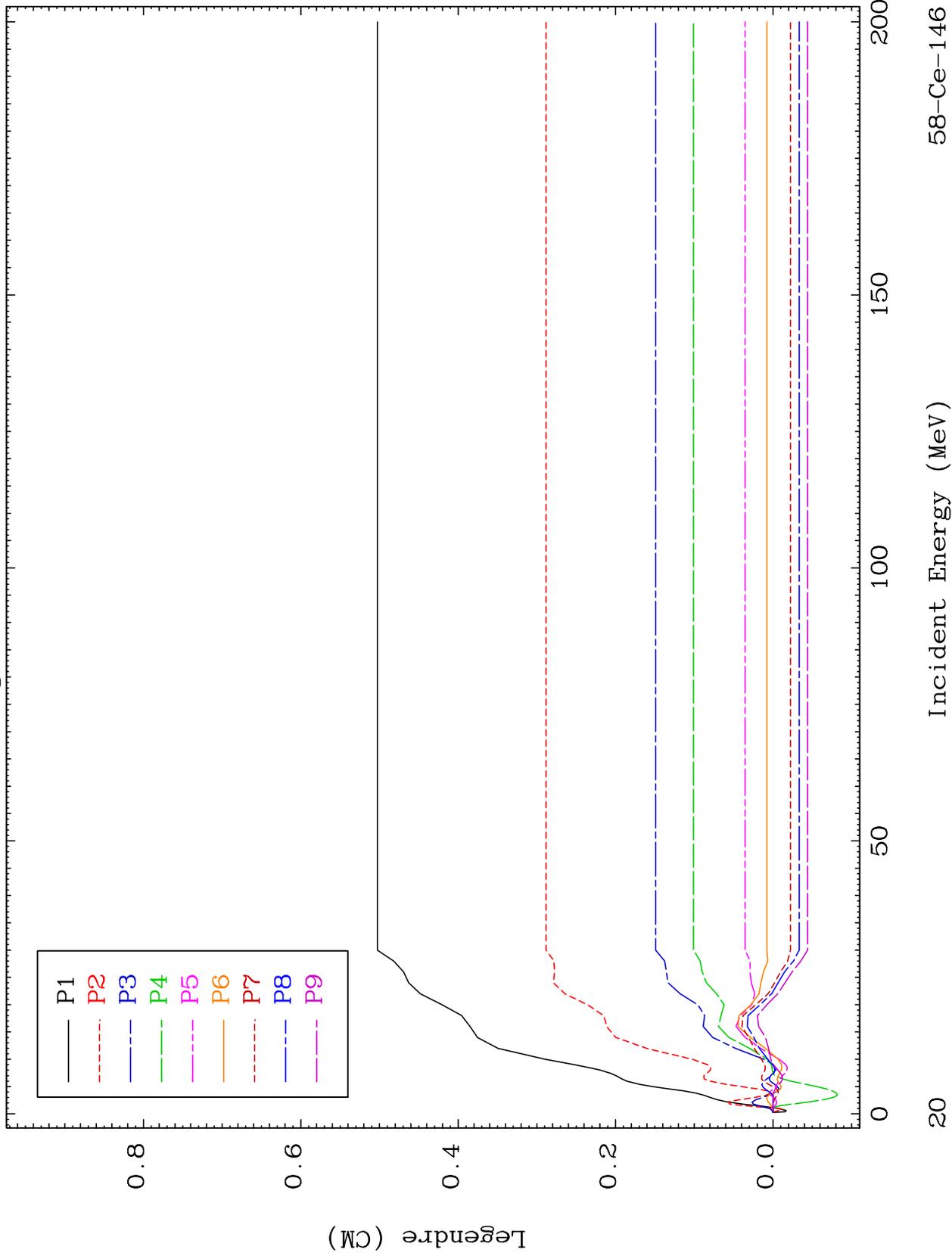
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



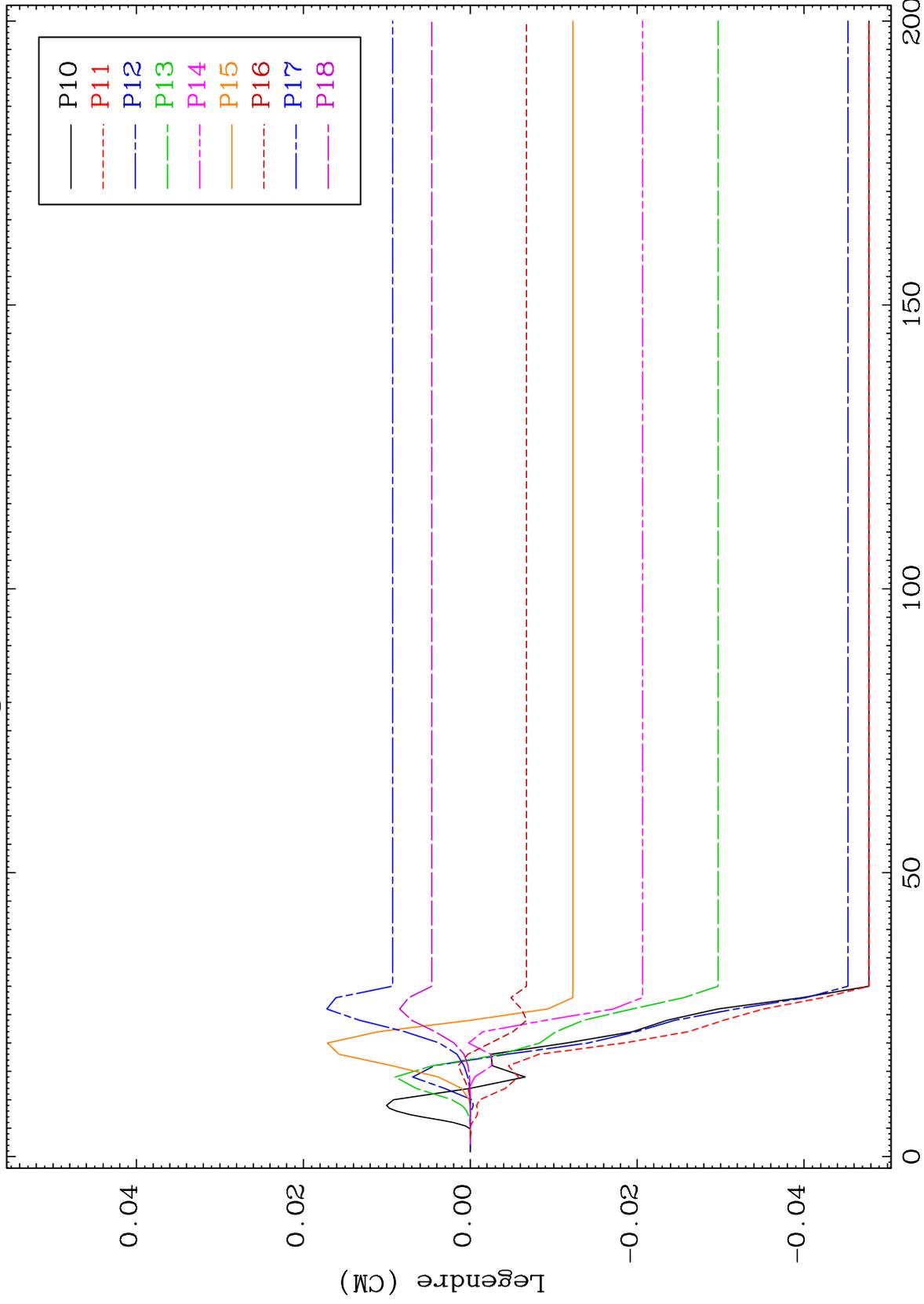
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Incident Energy (MeV)

MAT 5855

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

58-Ce-146



21

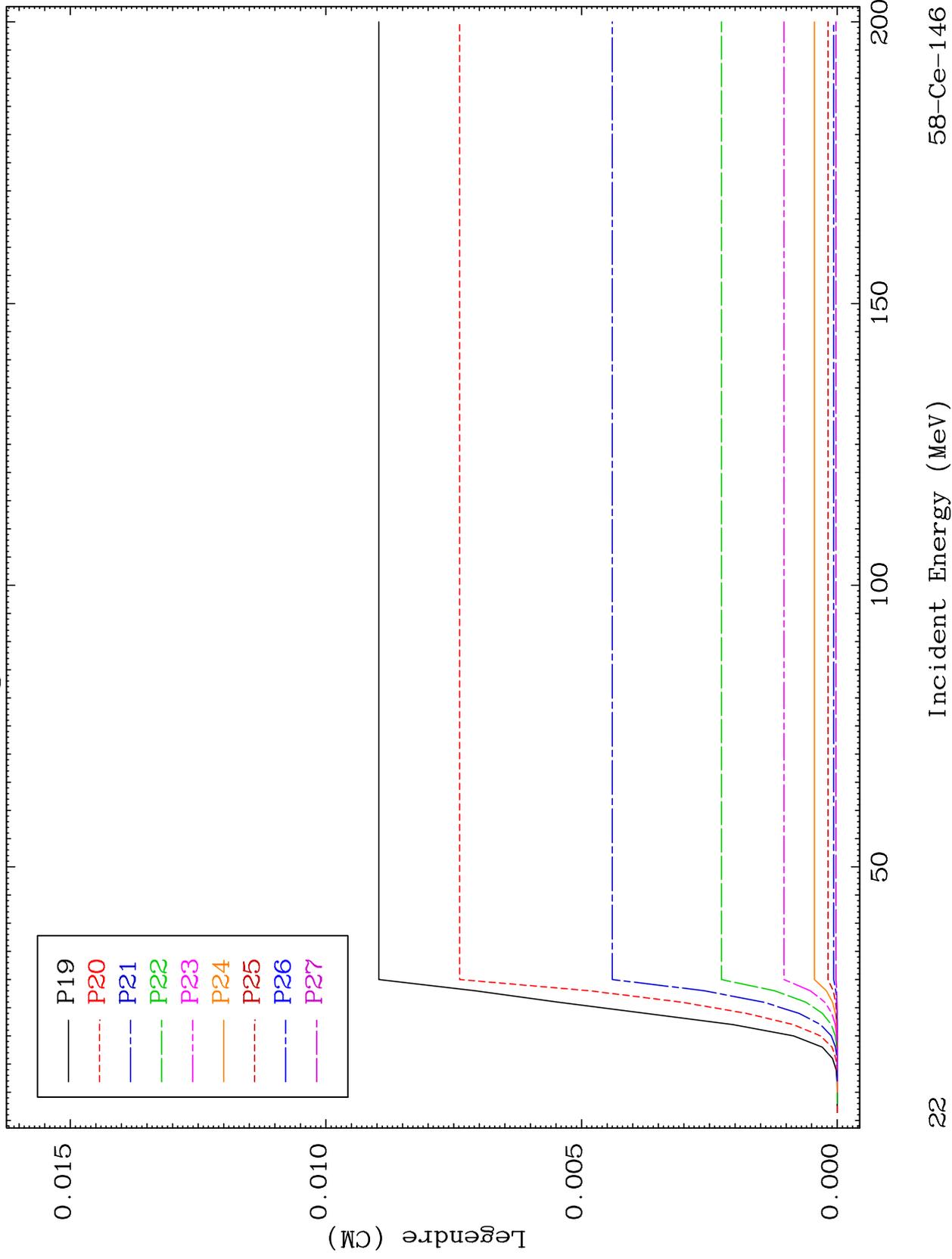
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



22

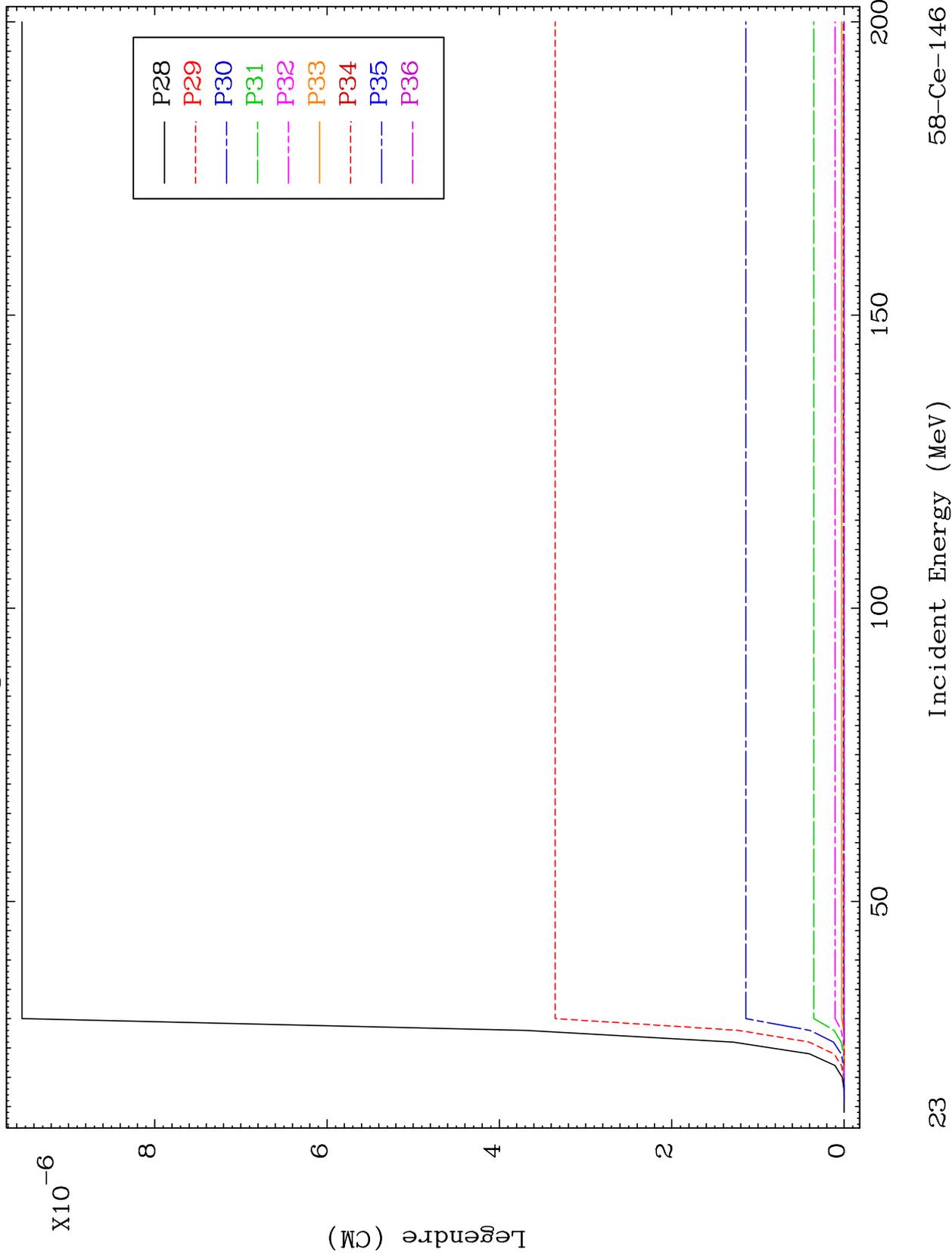
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



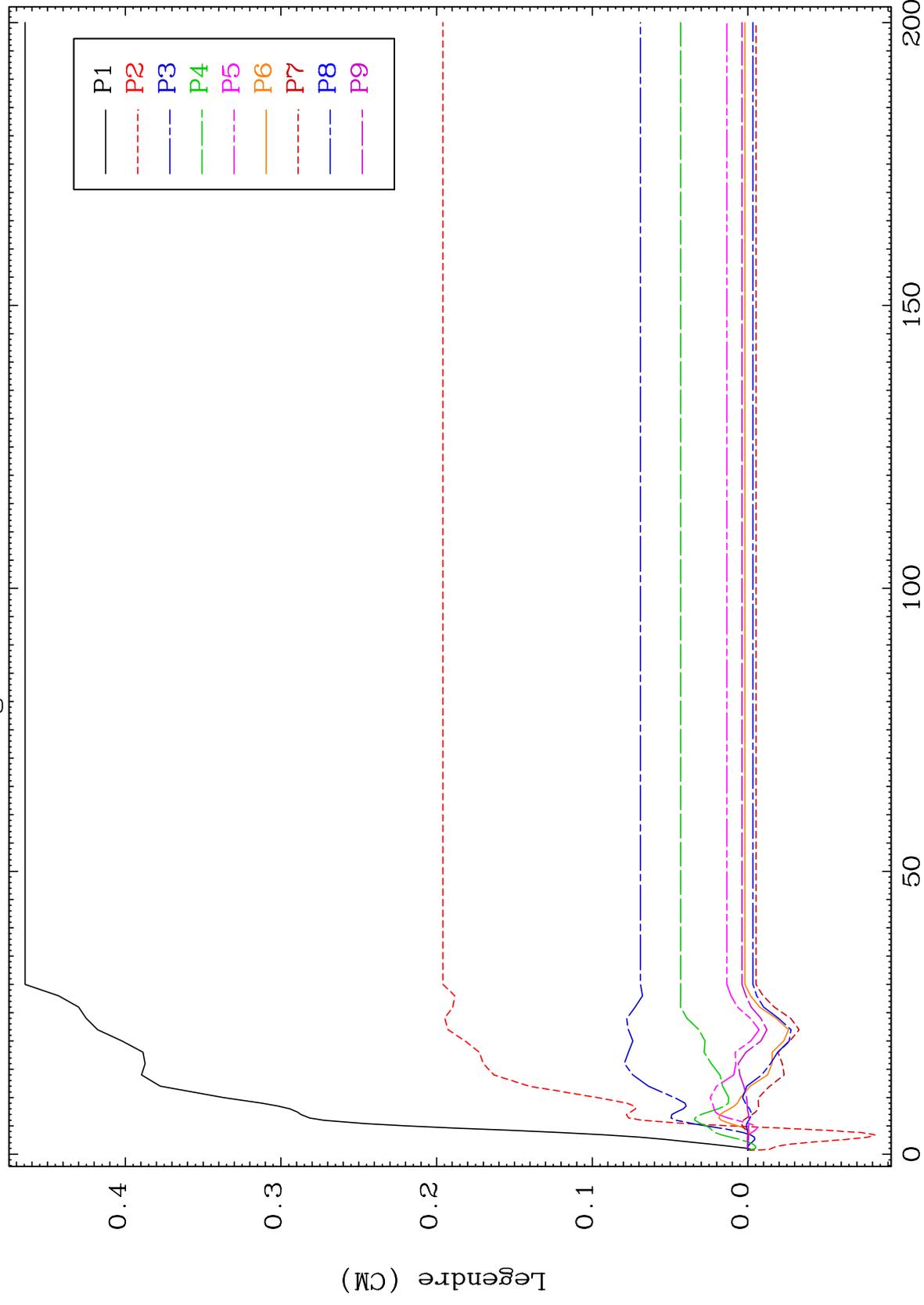
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58-Ce-146

MAT 5855

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

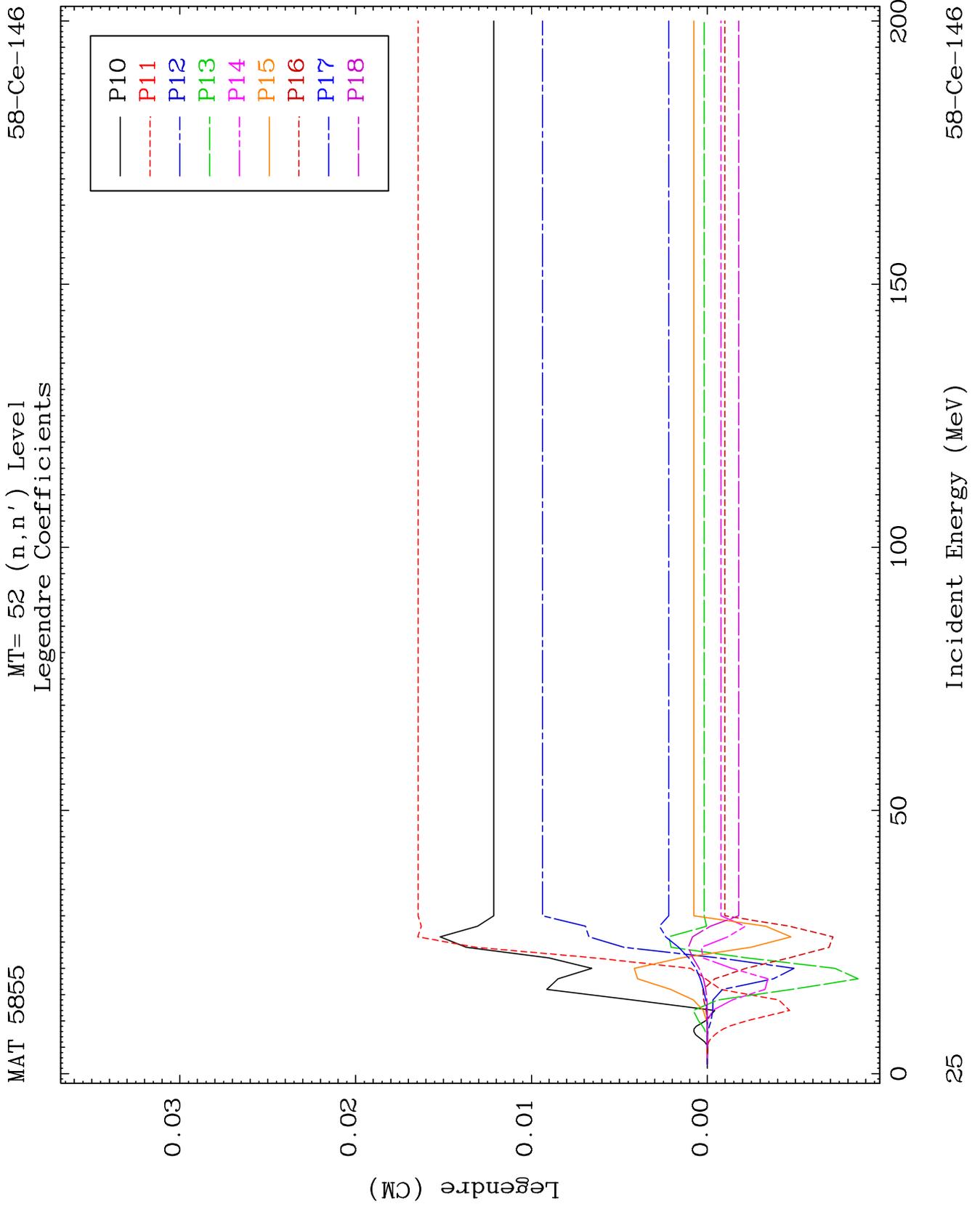
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58-Ce-146

Incident Energy (MeV)

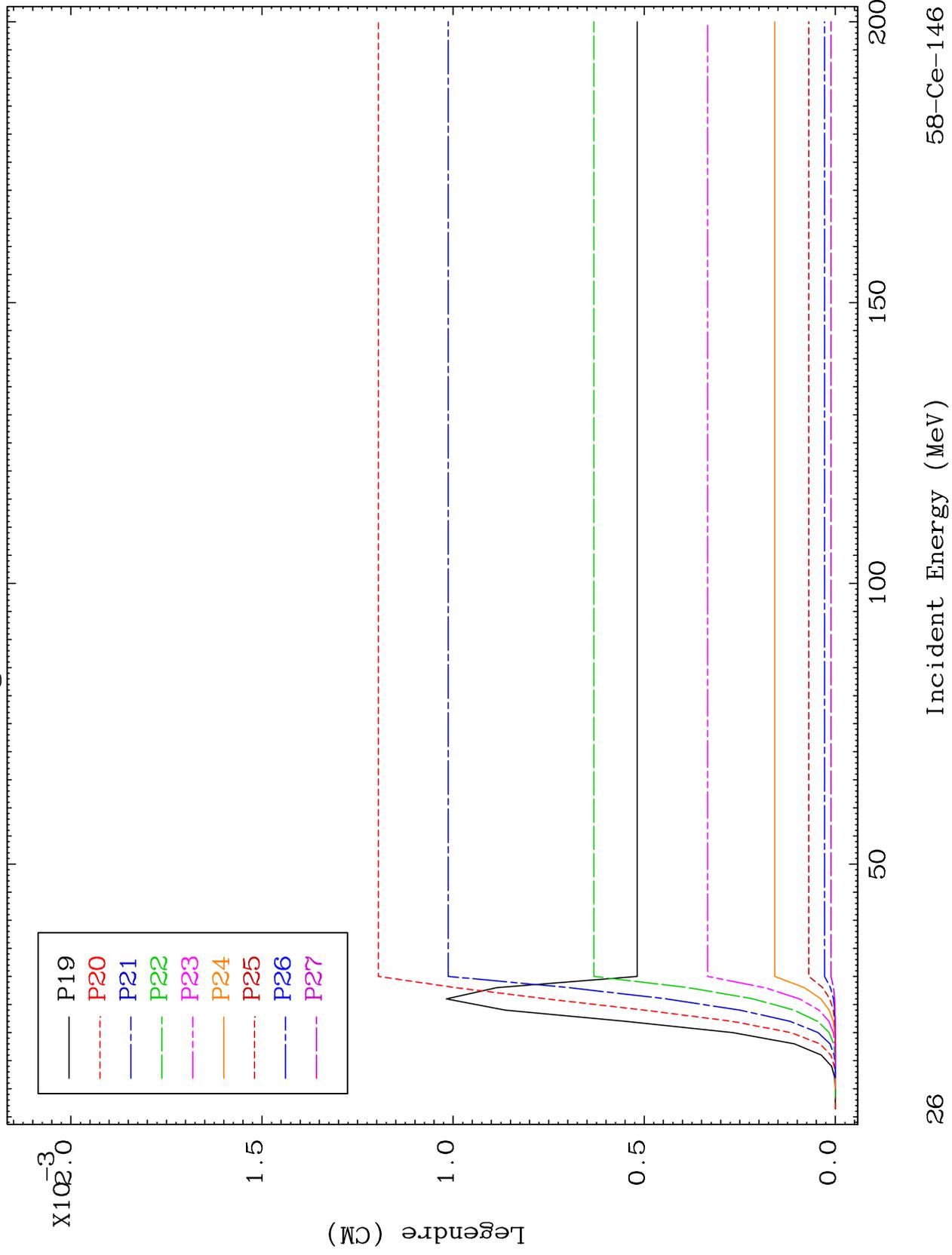
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MAT 5855

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

58-Ce-146

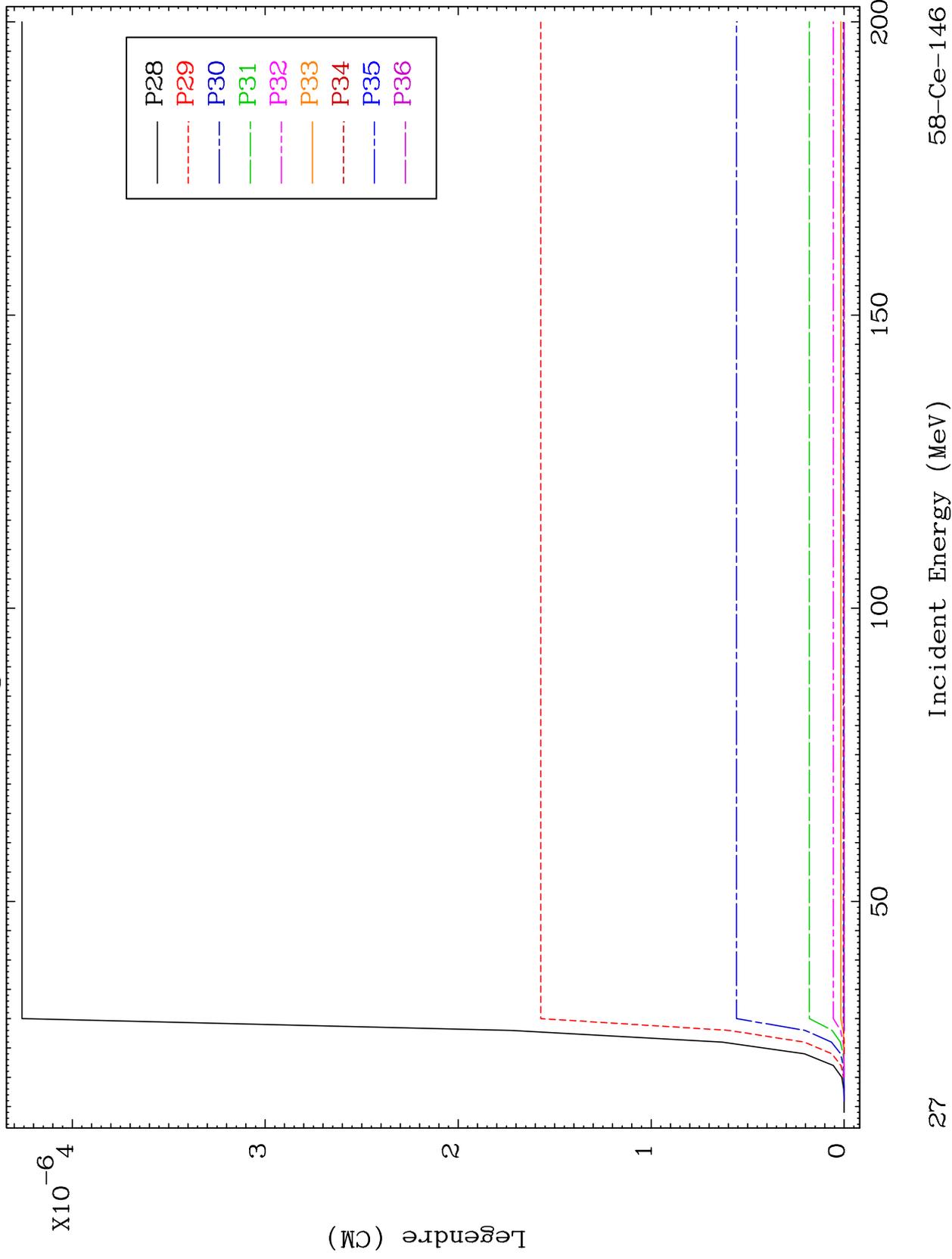


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MAT 5855

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

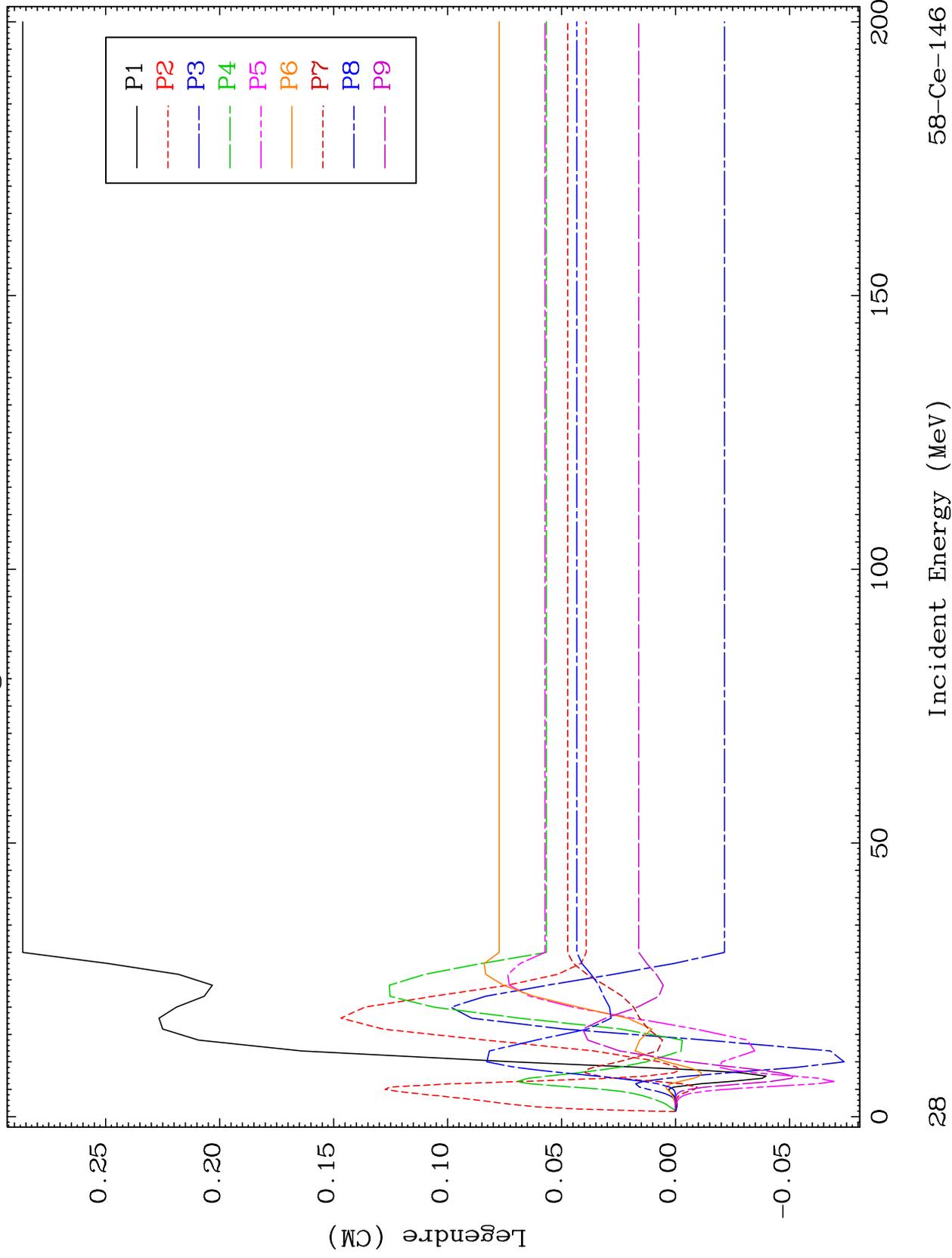
58-Ce-146



MAT 5855

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

58-Ce-146



58-Ce-146

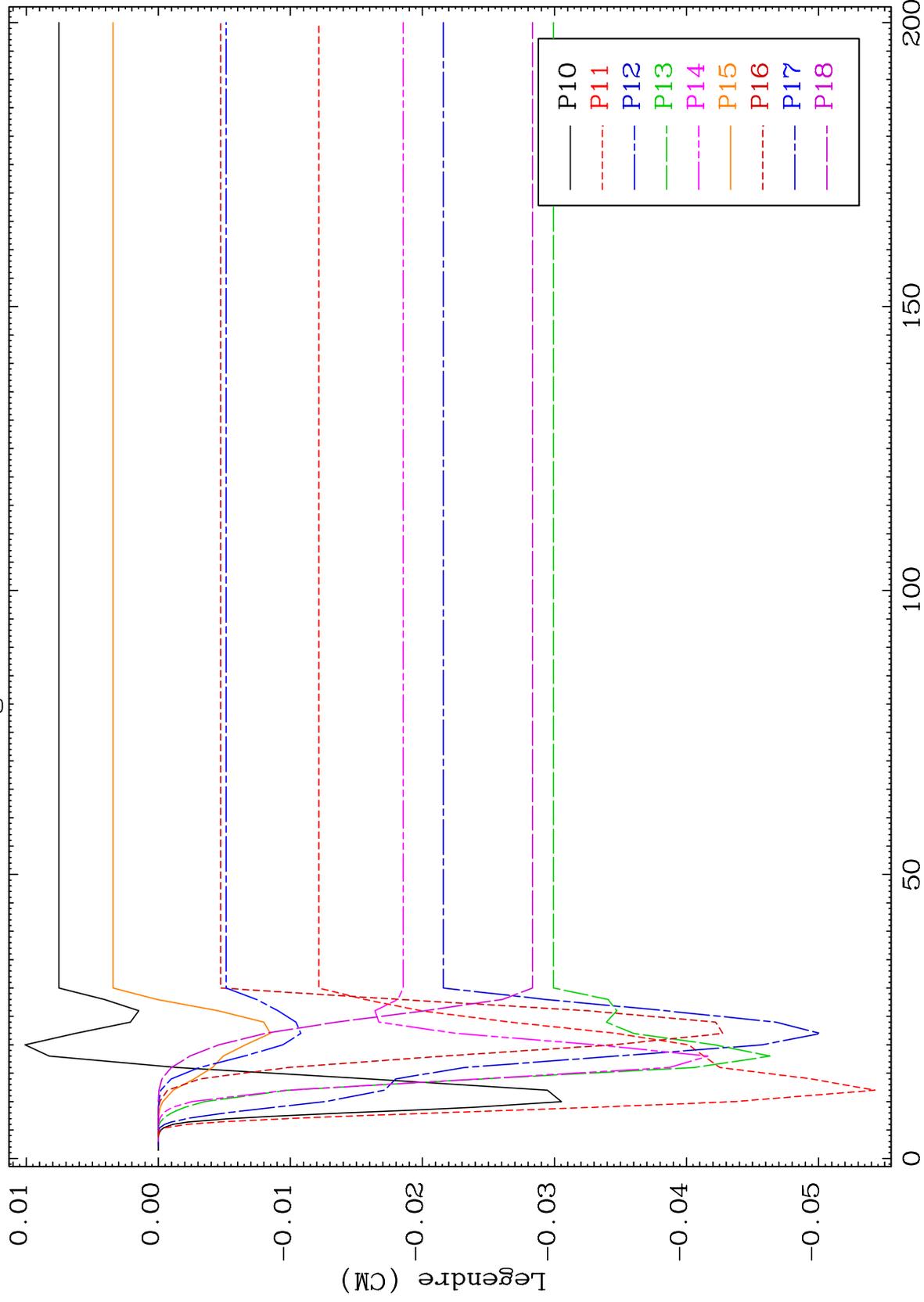
Incident Energy (MeV)

28

MAT 5855

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

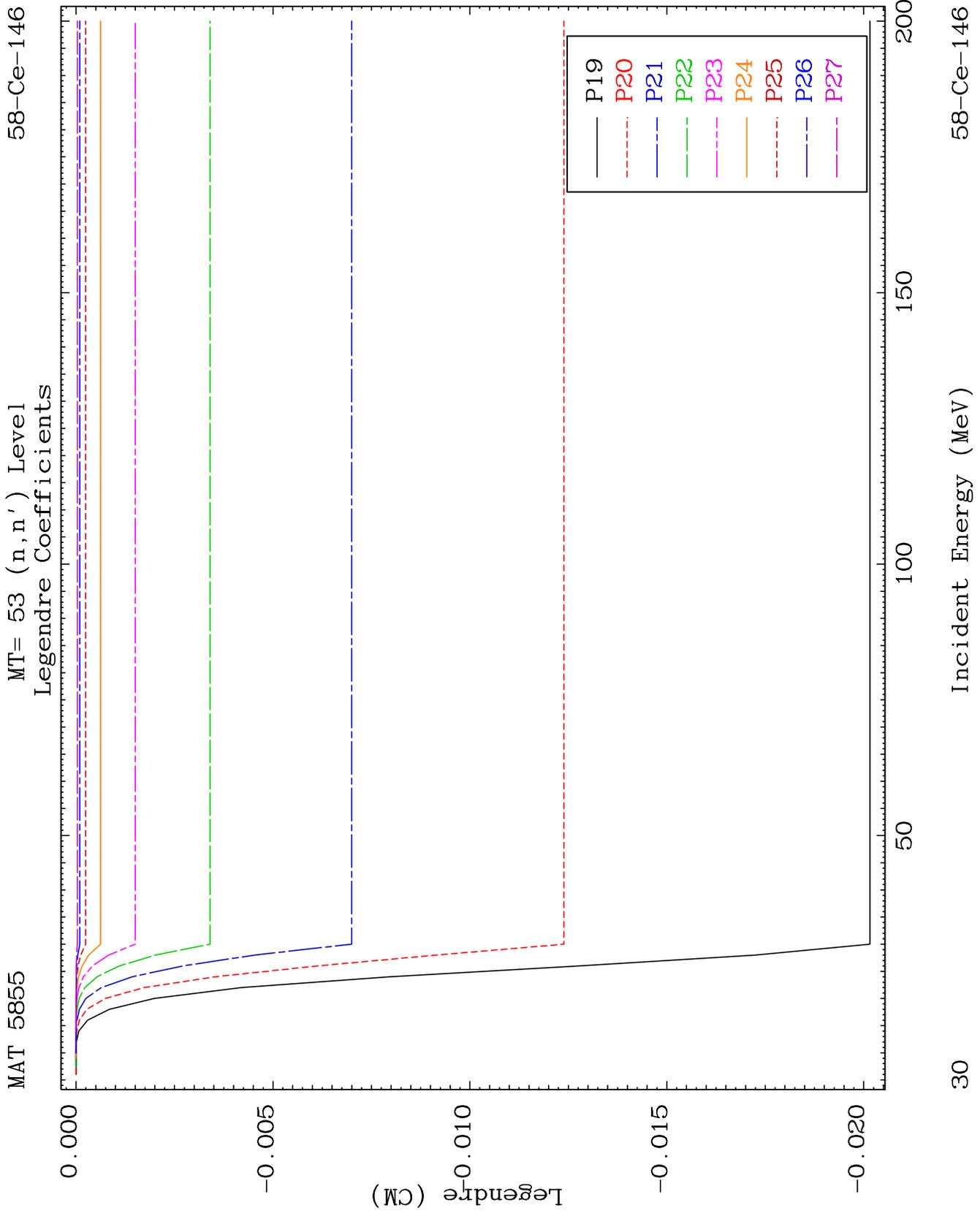
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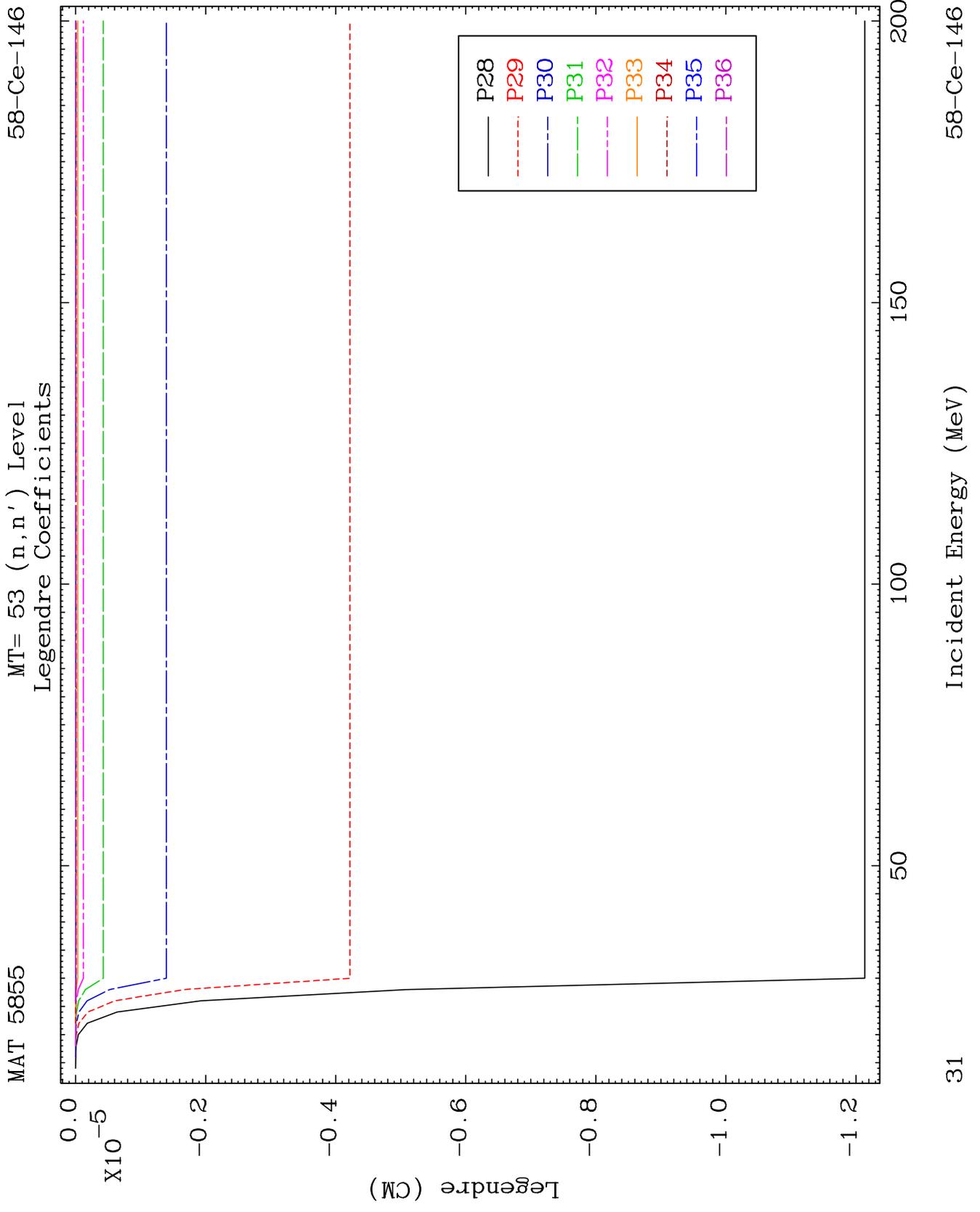


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Incident Energy (MeV)

58-Ce-146

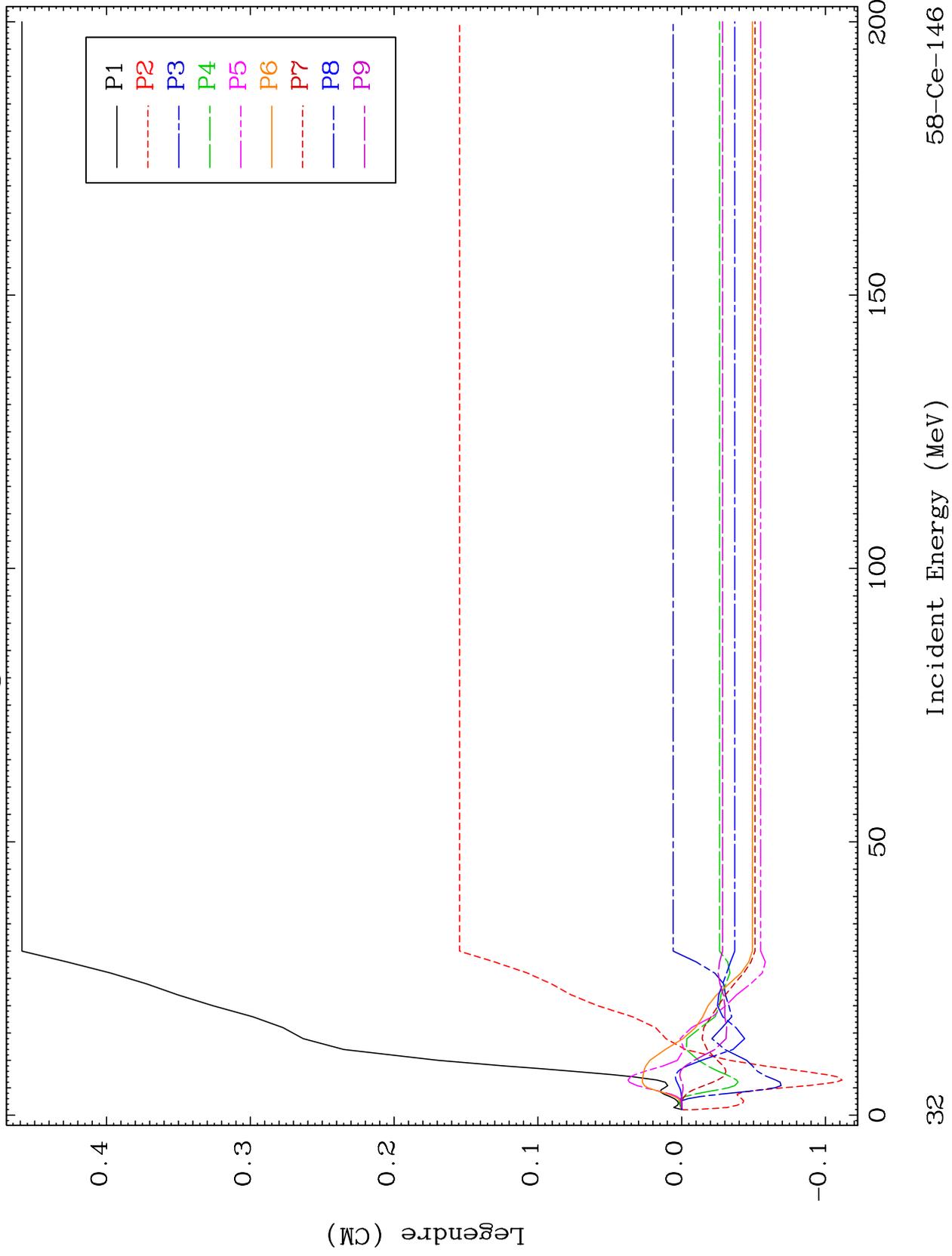




MAT 5855

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

58-Ce-146



58-Ce-146

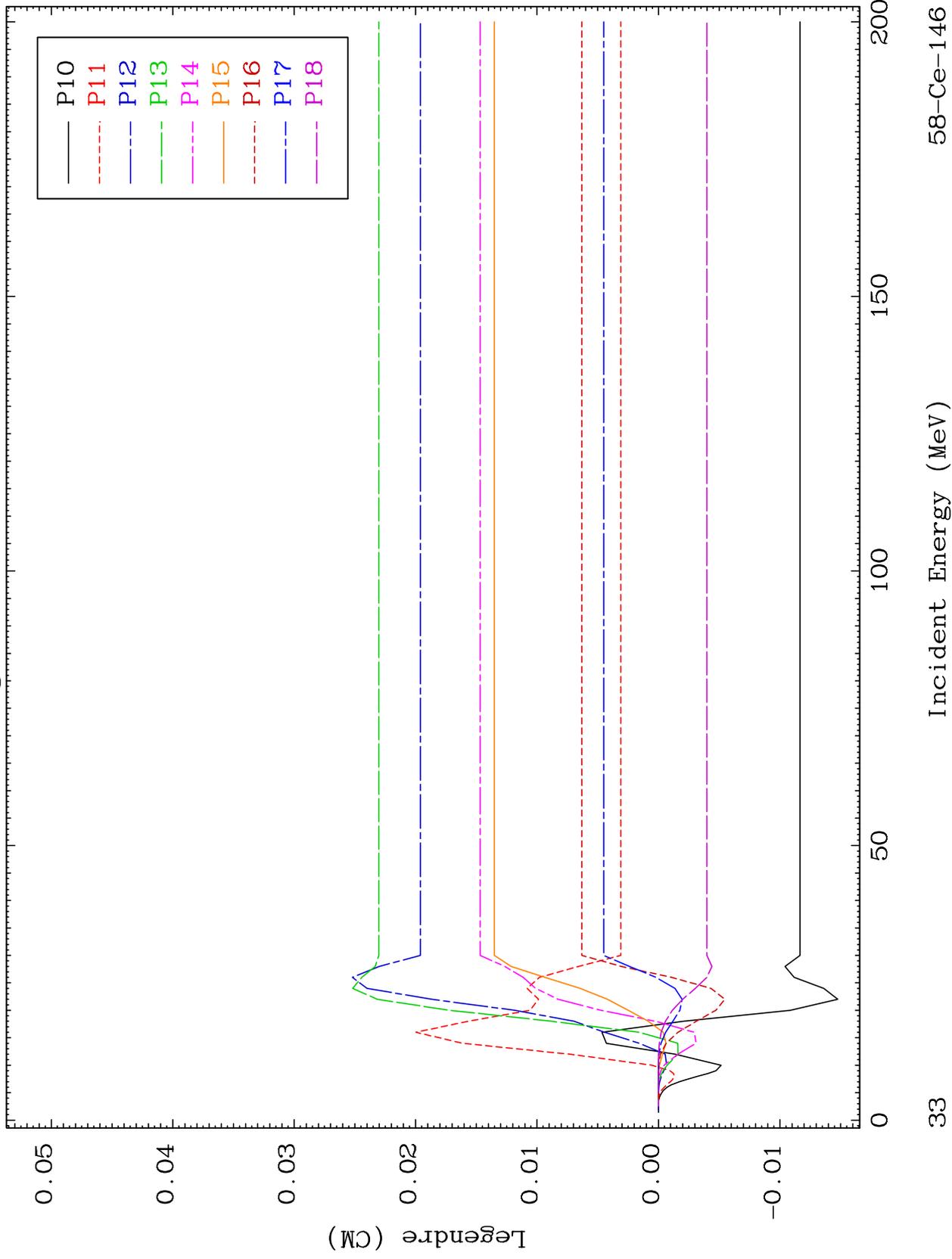
Incident Energy (MeV)

32

MAT 5855

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

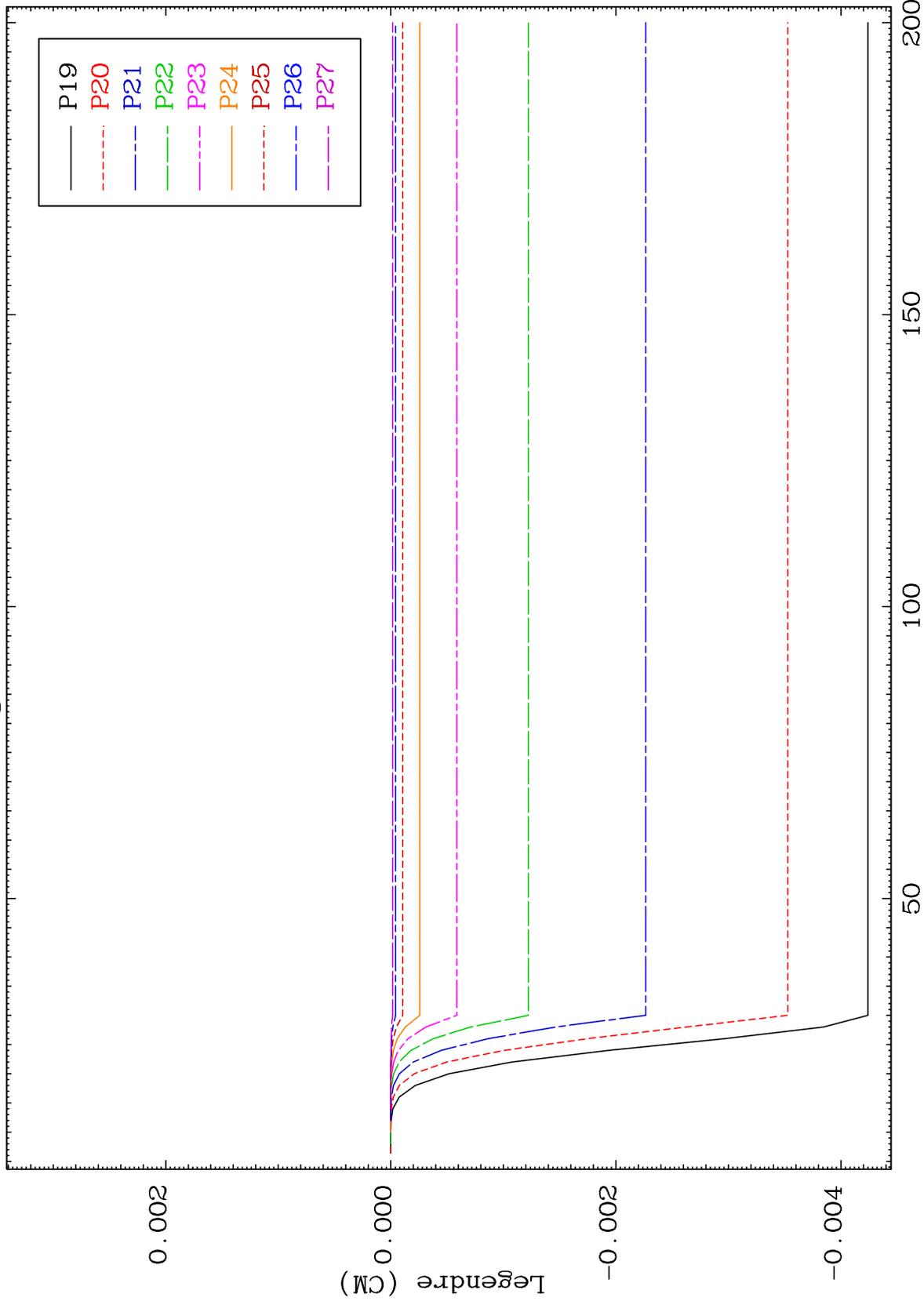
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MAT 5855

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

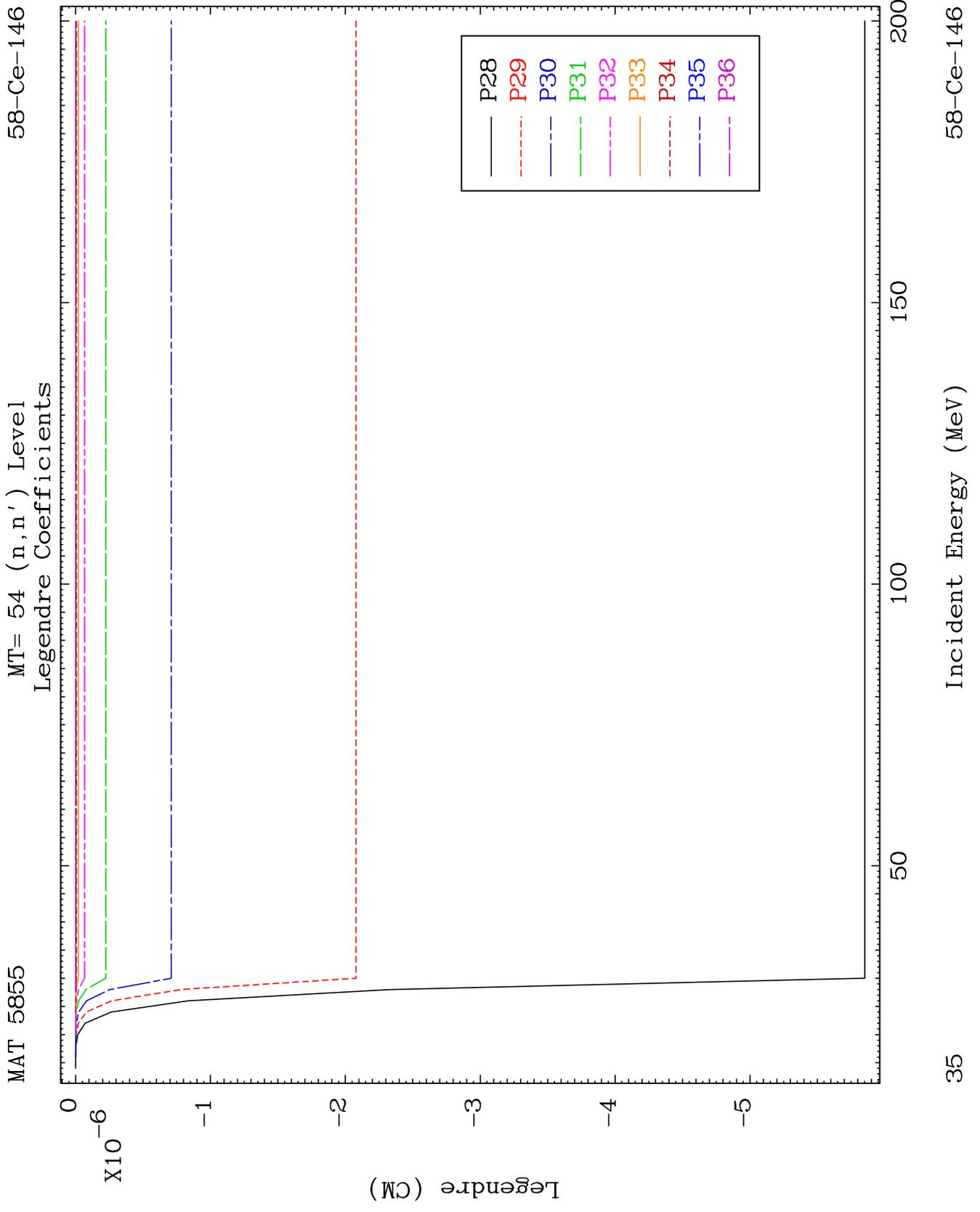
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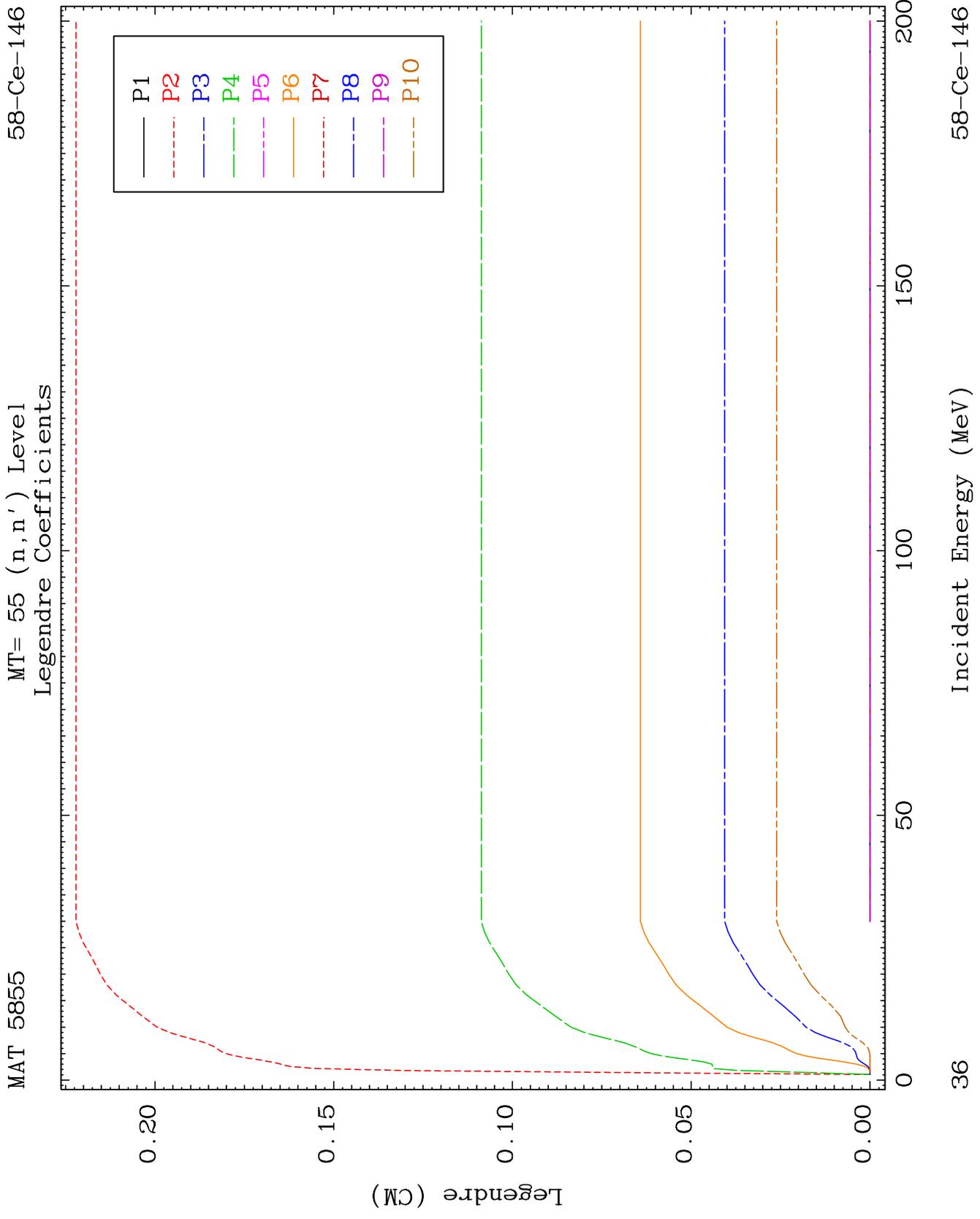


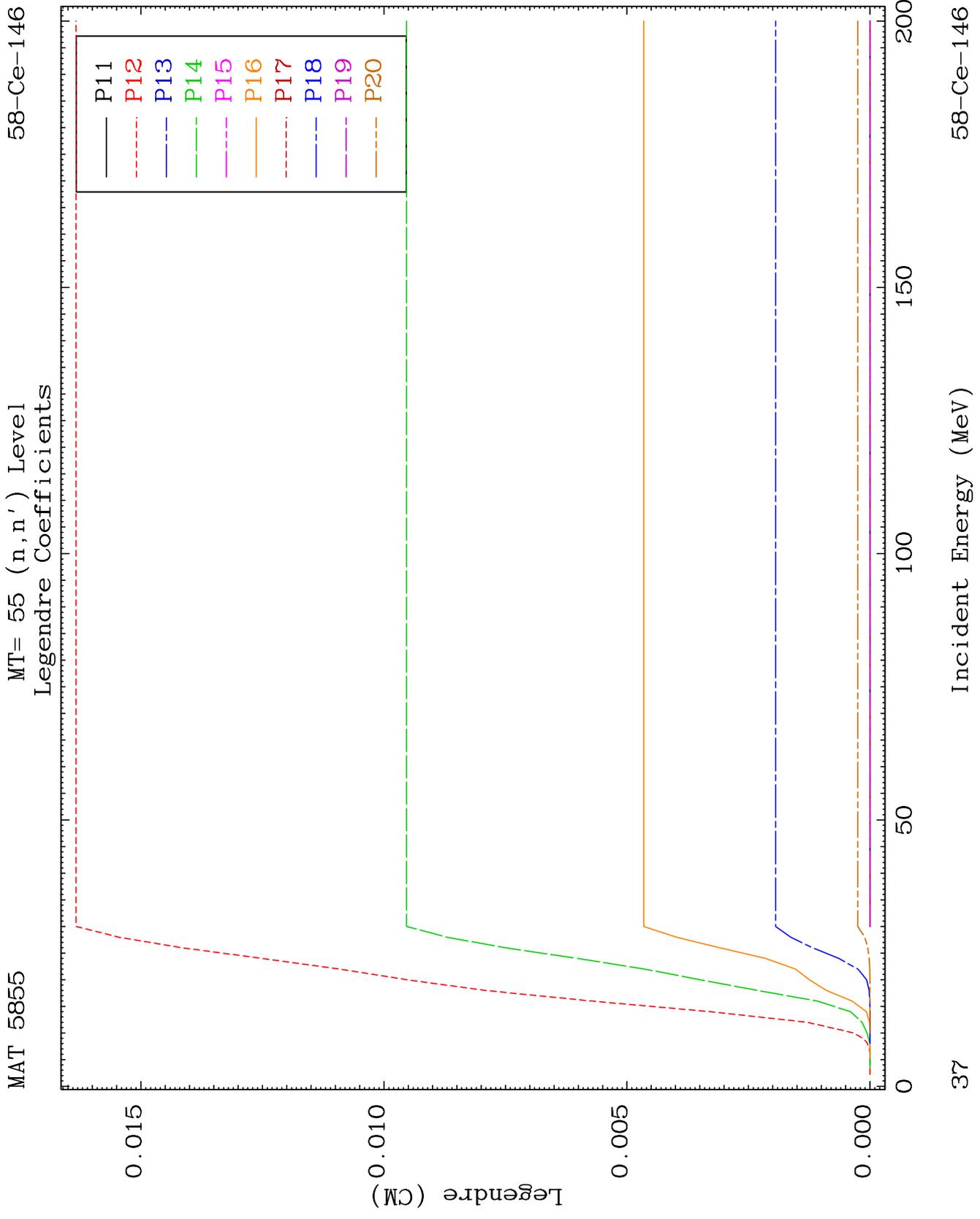
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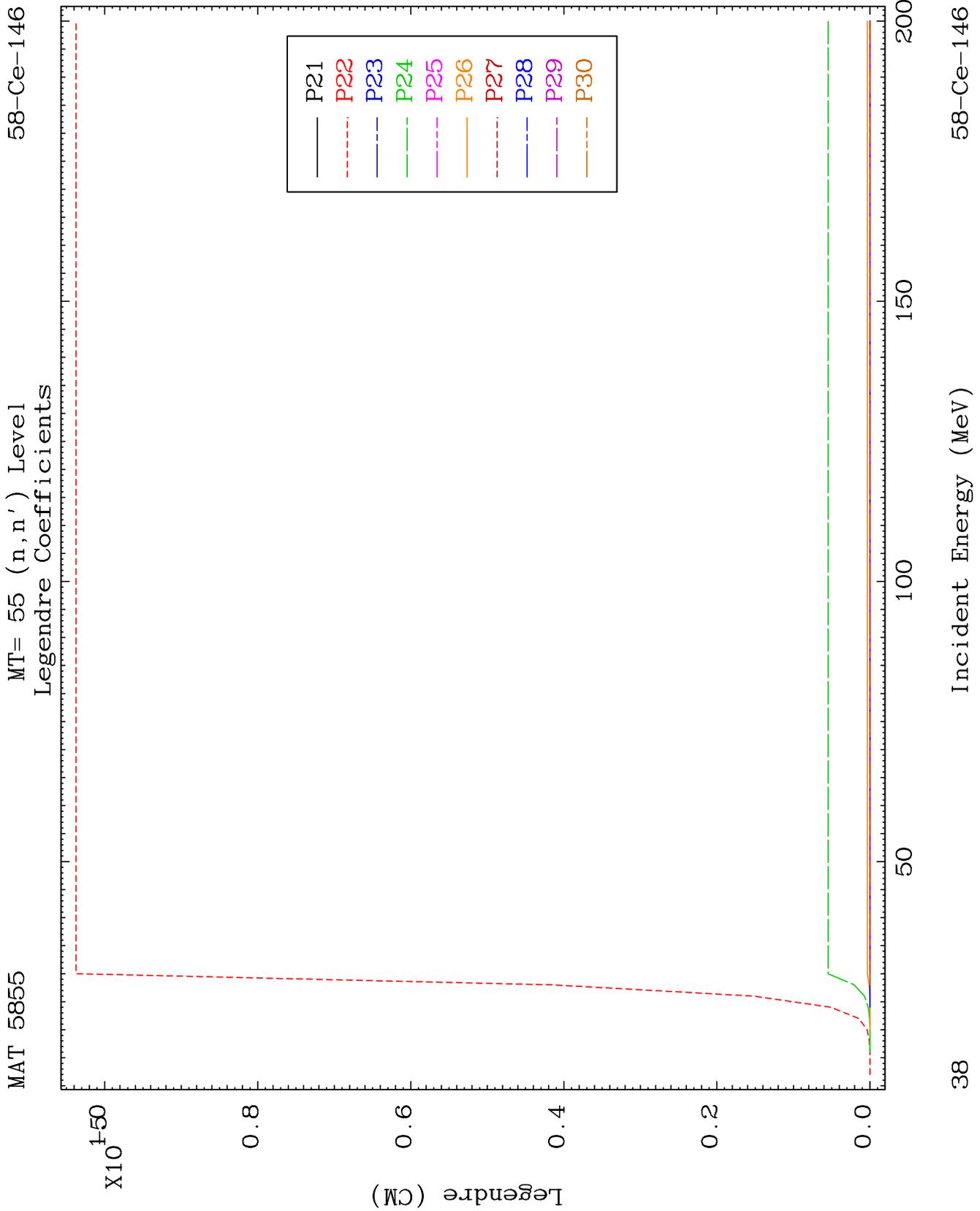
Incident Energy (MeV)

58-Ce-146





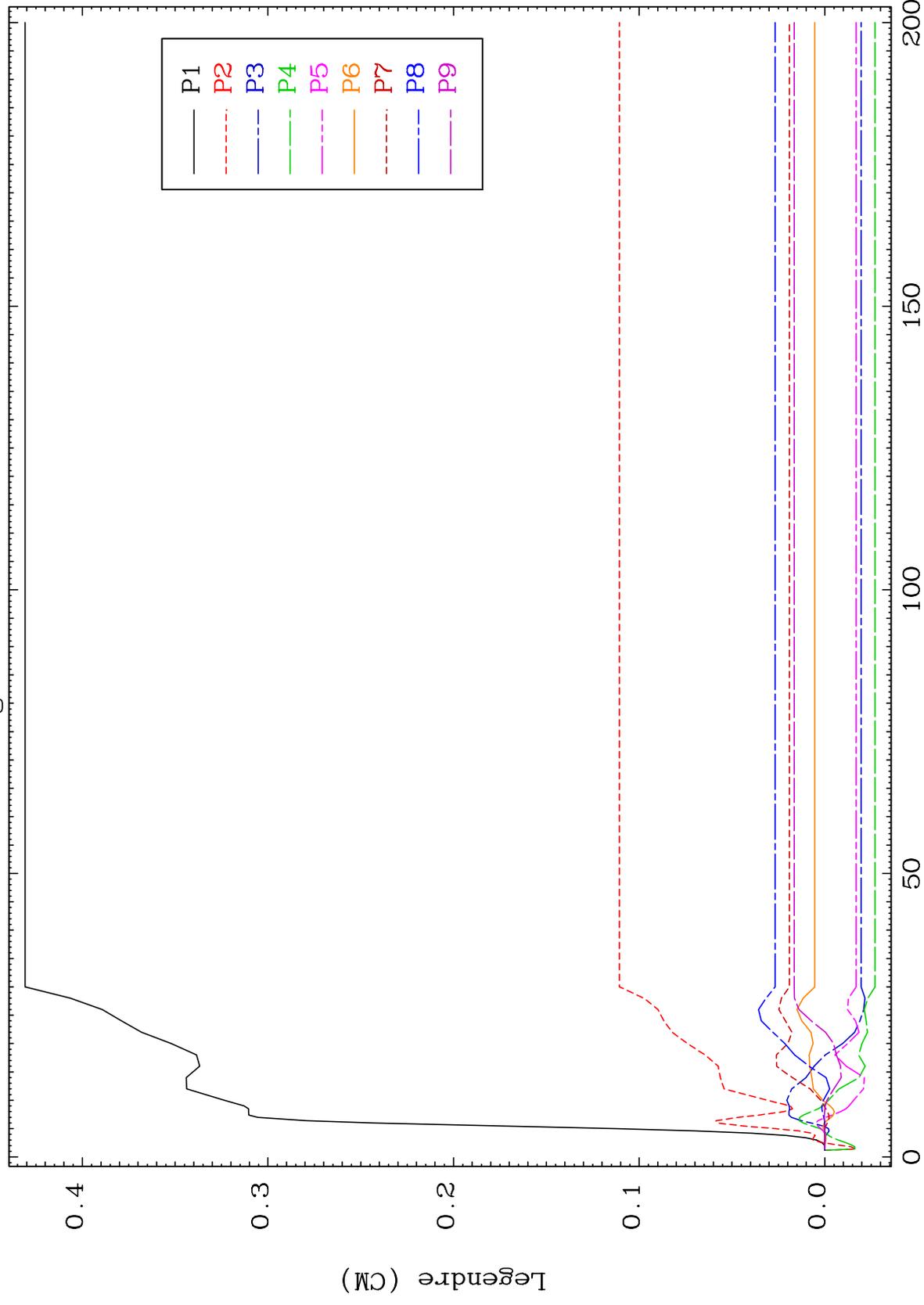




MAT 5855

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

58-Ce-146

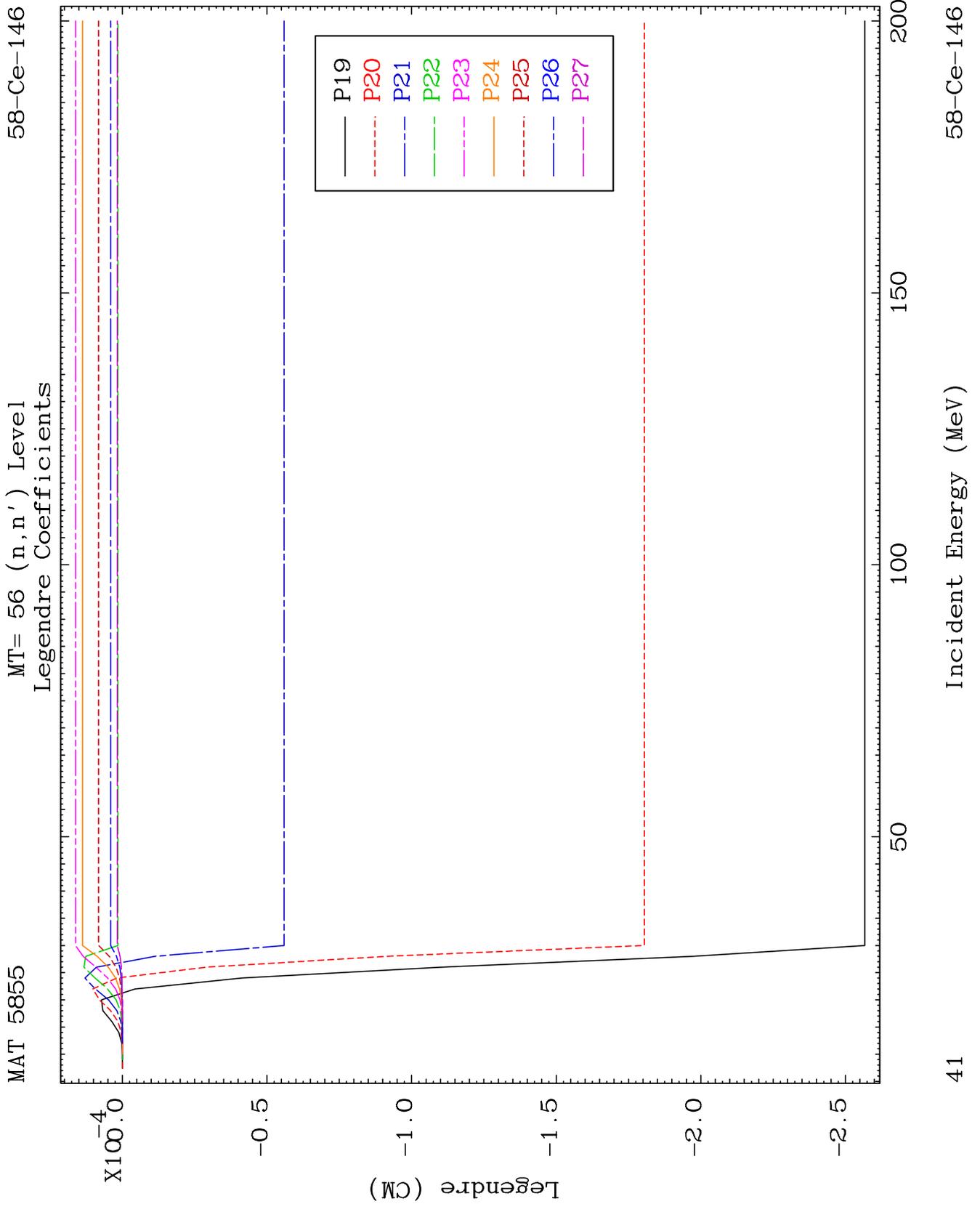


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Incident Energy (MeV)

58-Ce-146

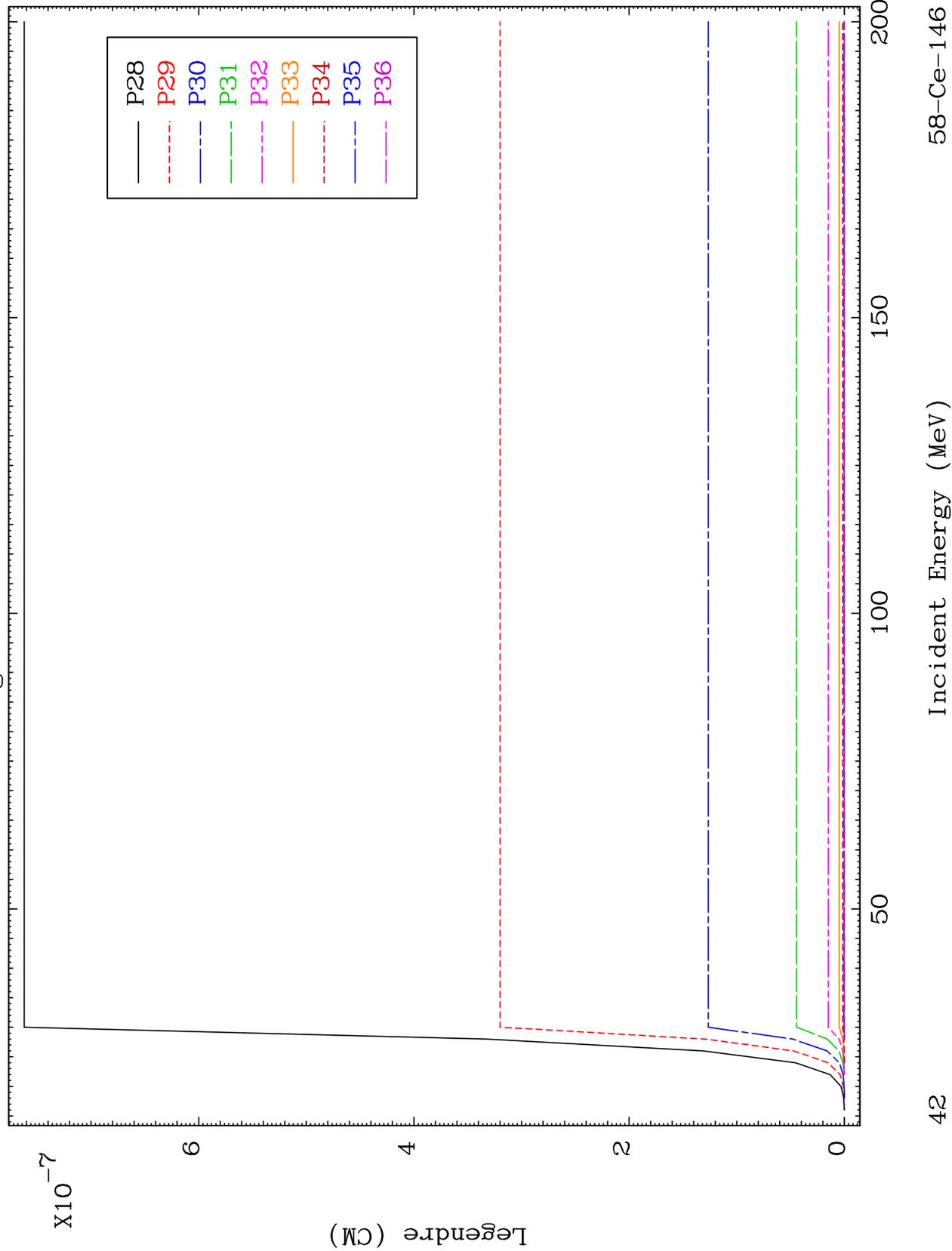




MAT 5855

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

58-Ce-146



42

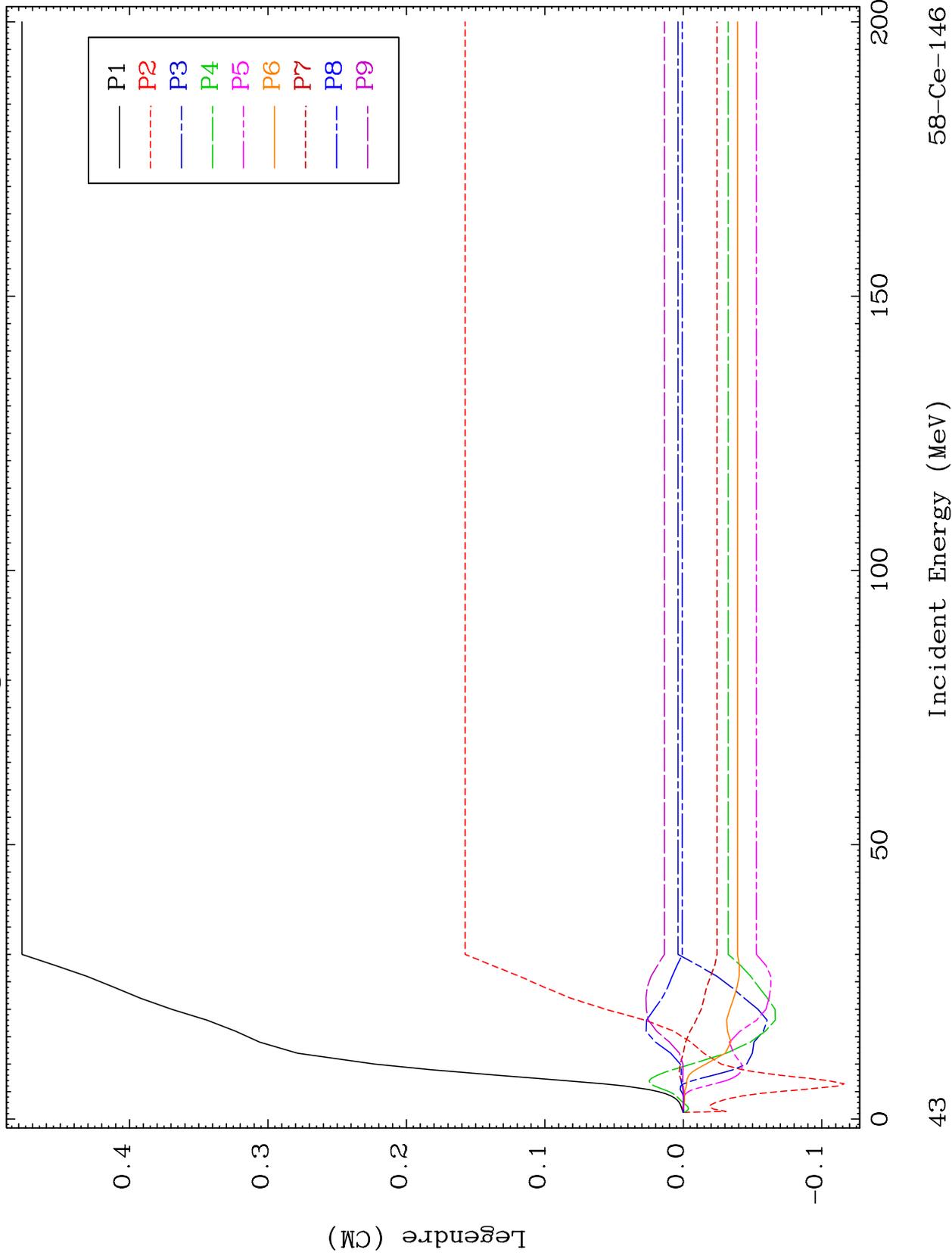
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



58-Ce-146

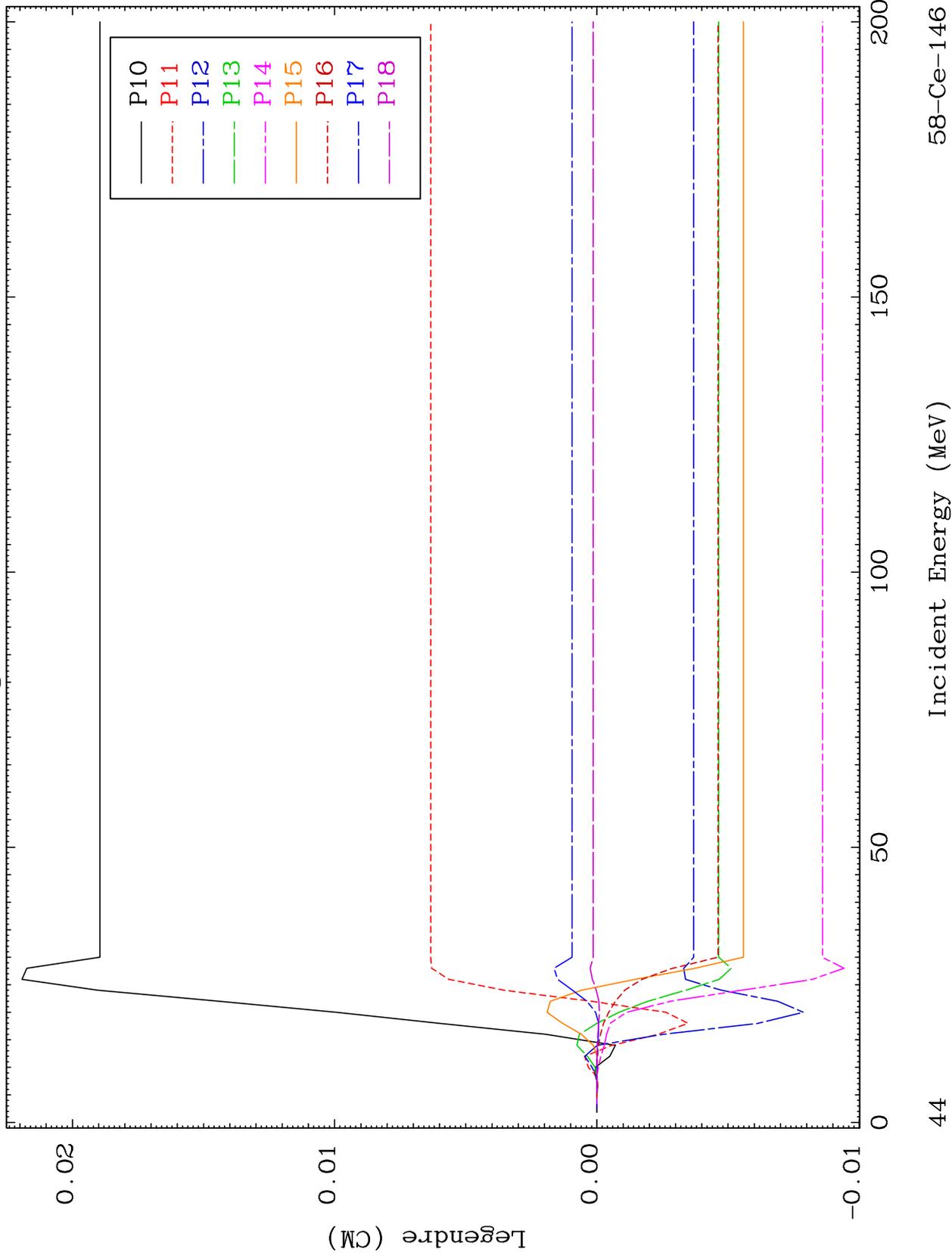
Incident Energy (MeV)

43

MAT 58555

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

58-Ce-146



44

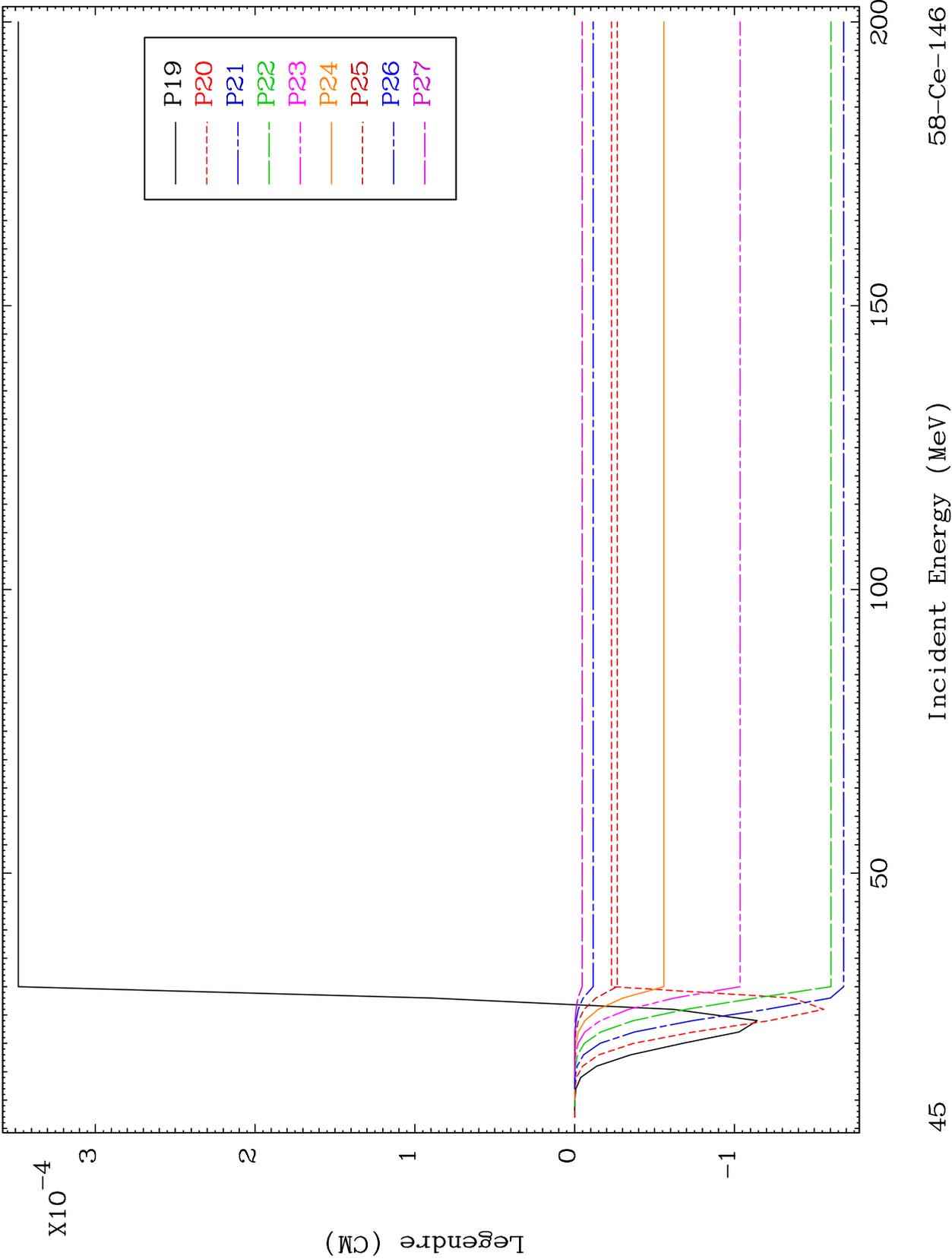
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

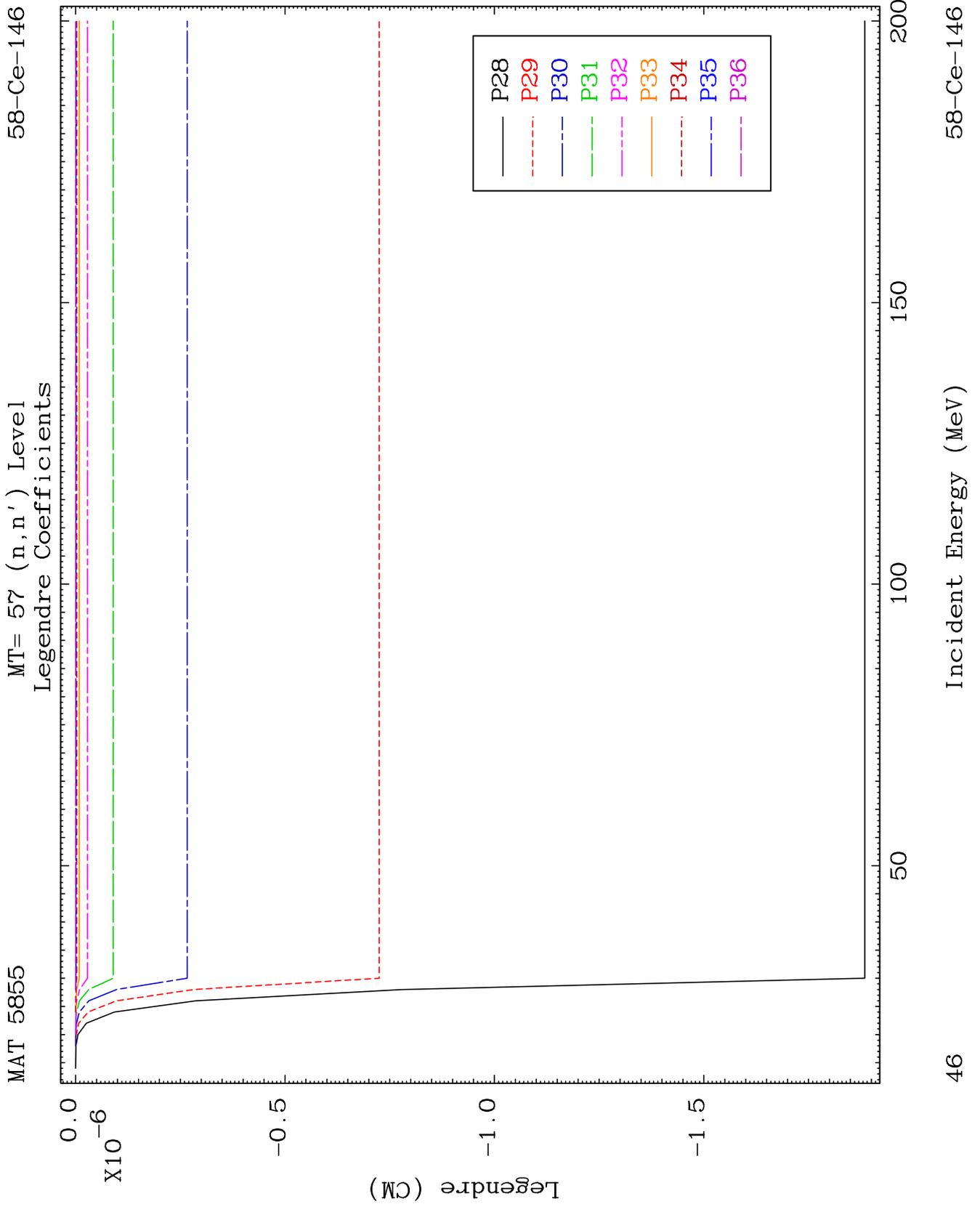
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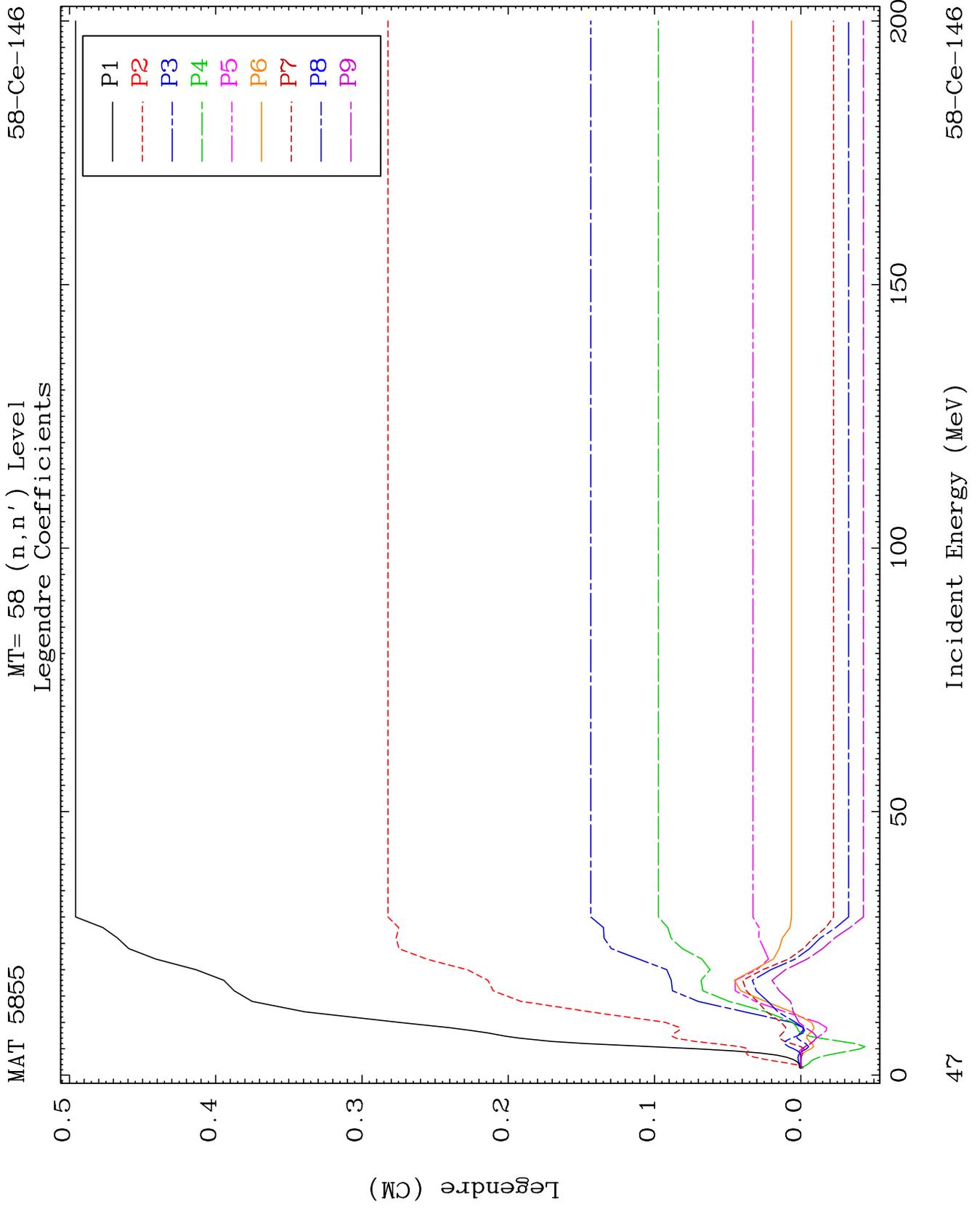


45

Incident Energy (MeV)

58-Ce-146

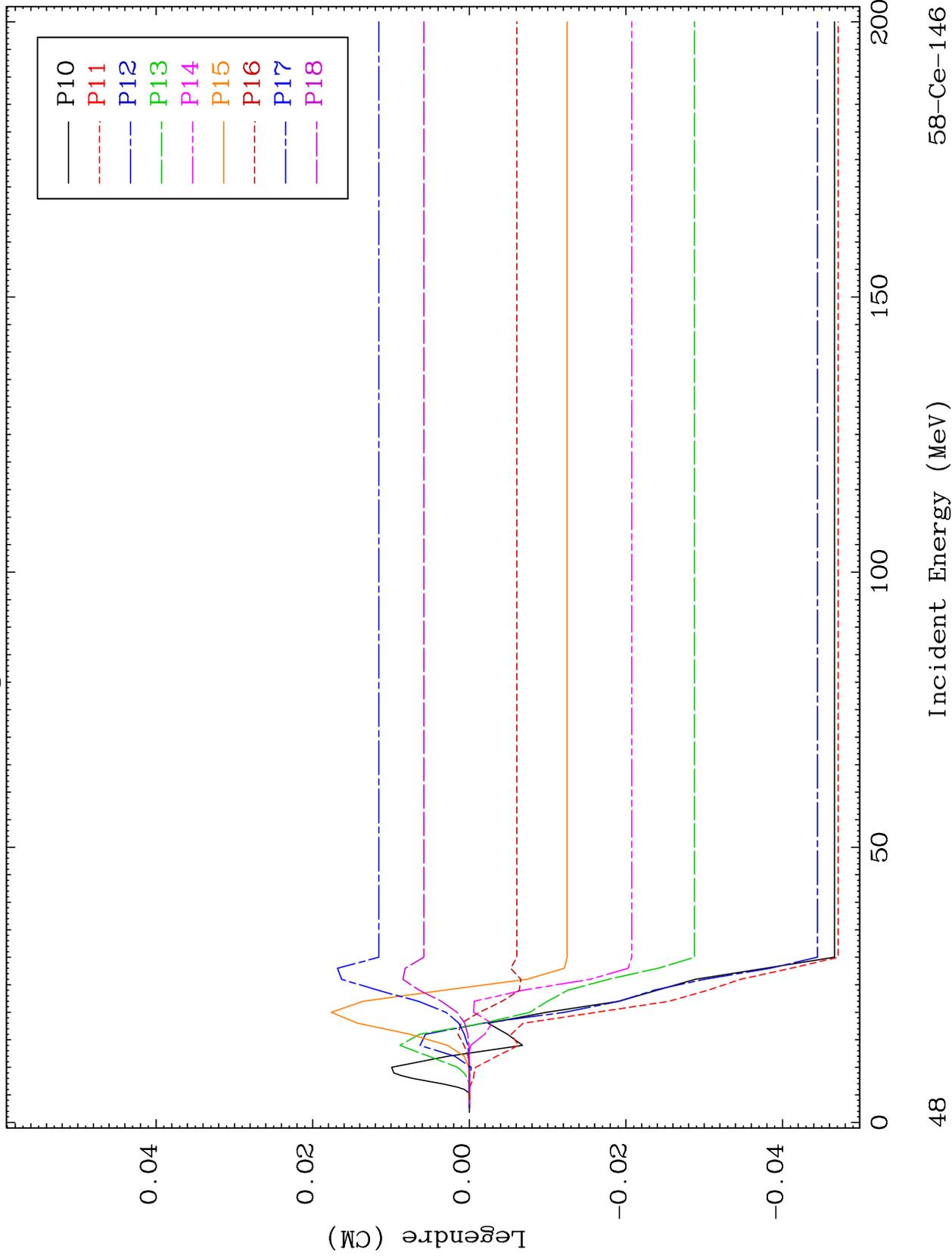




MAT 5855

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

58-Ce-146



58-Ce-146

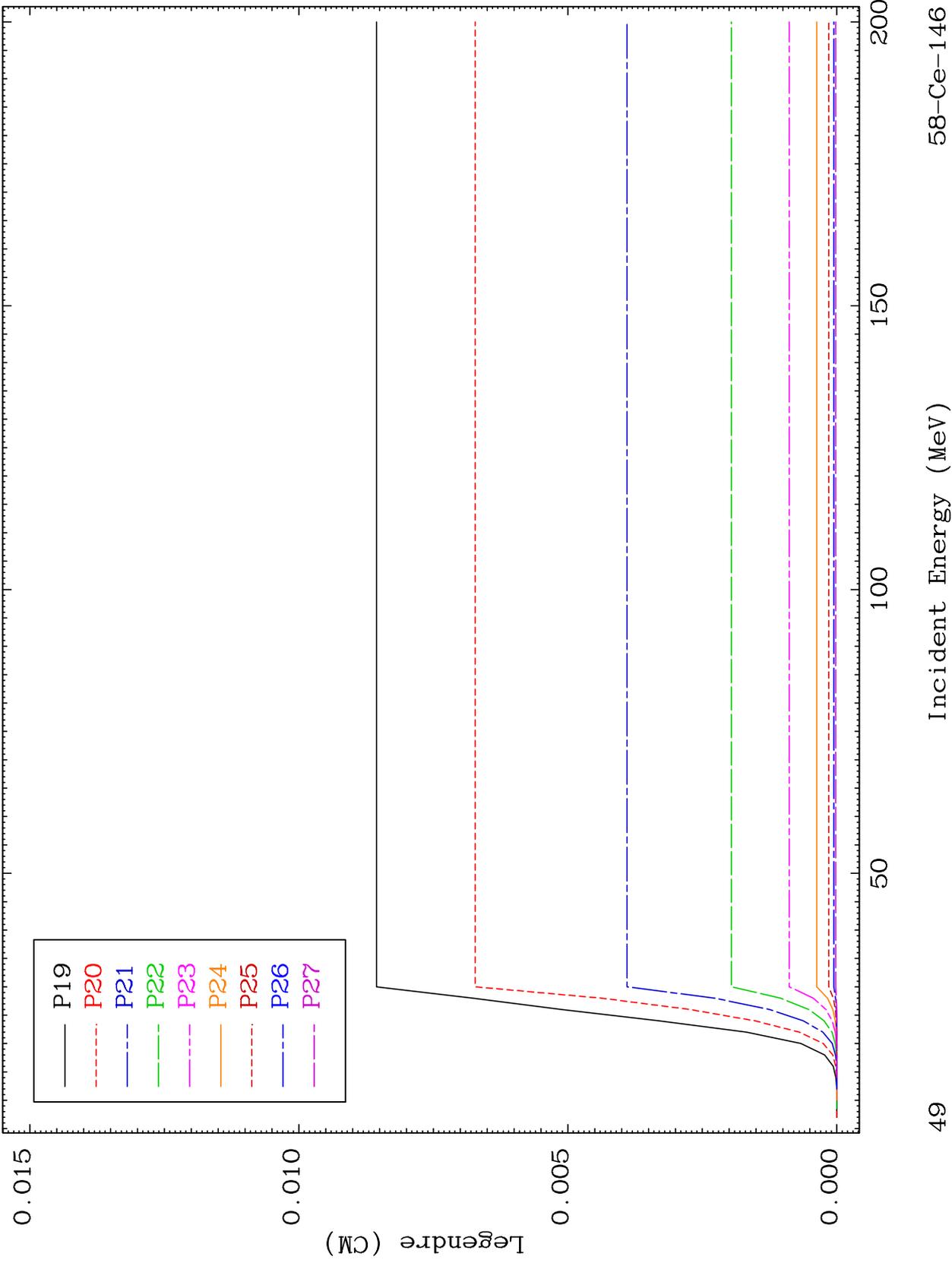
Incident Energy (MeV)

48

MAT 58555

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

58-Ce-146



49

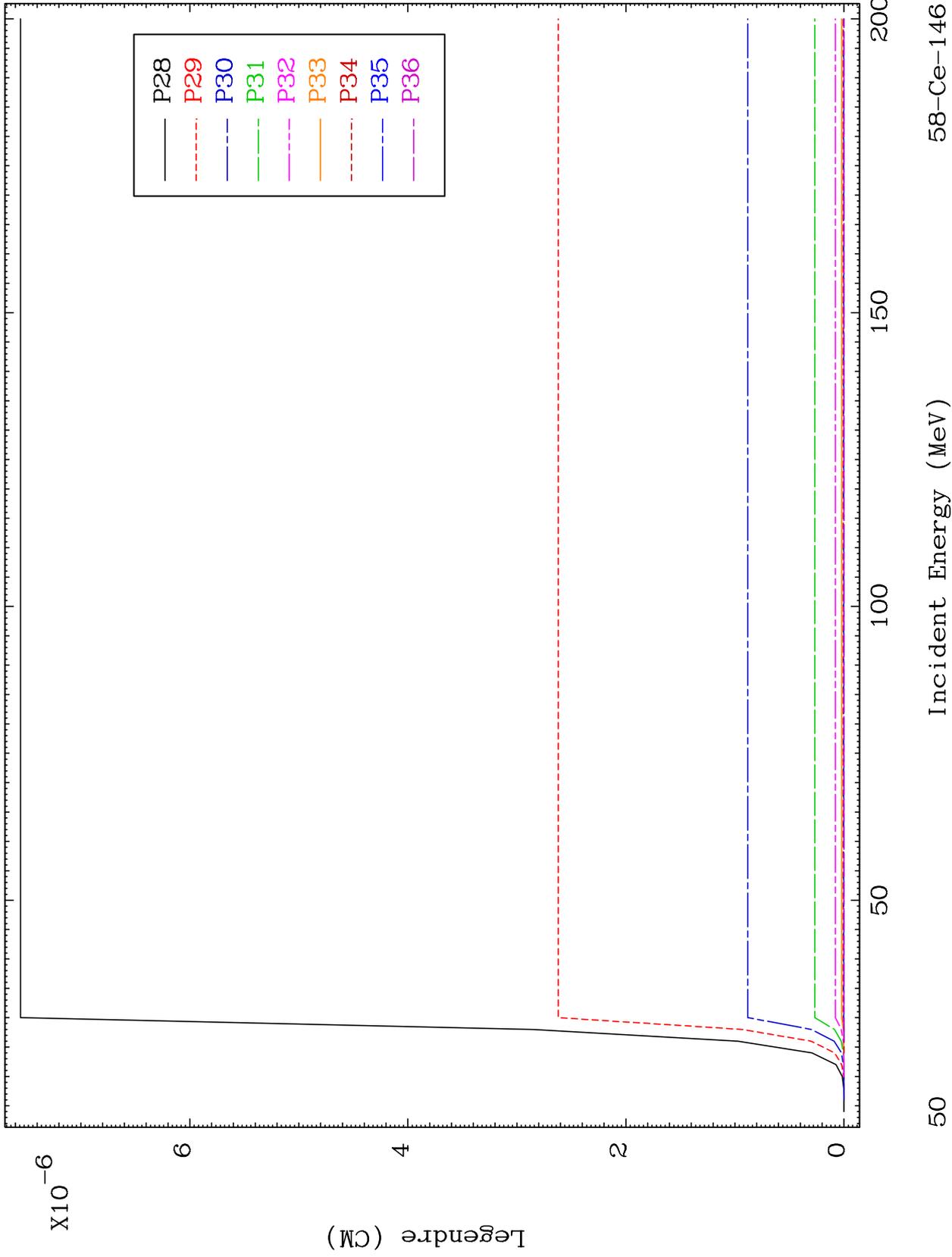
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

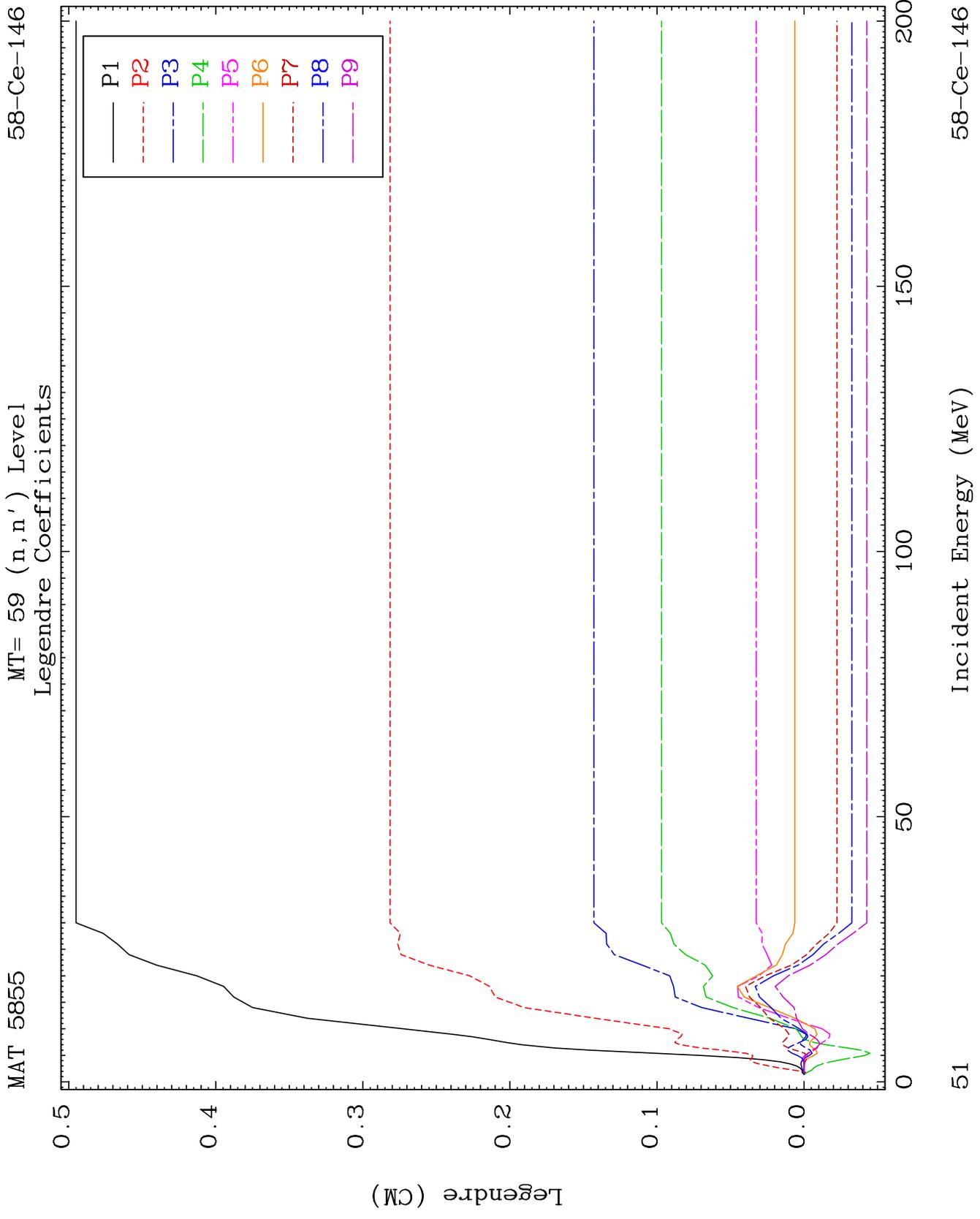
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58-Ce-146

Incident Energy (MeV)

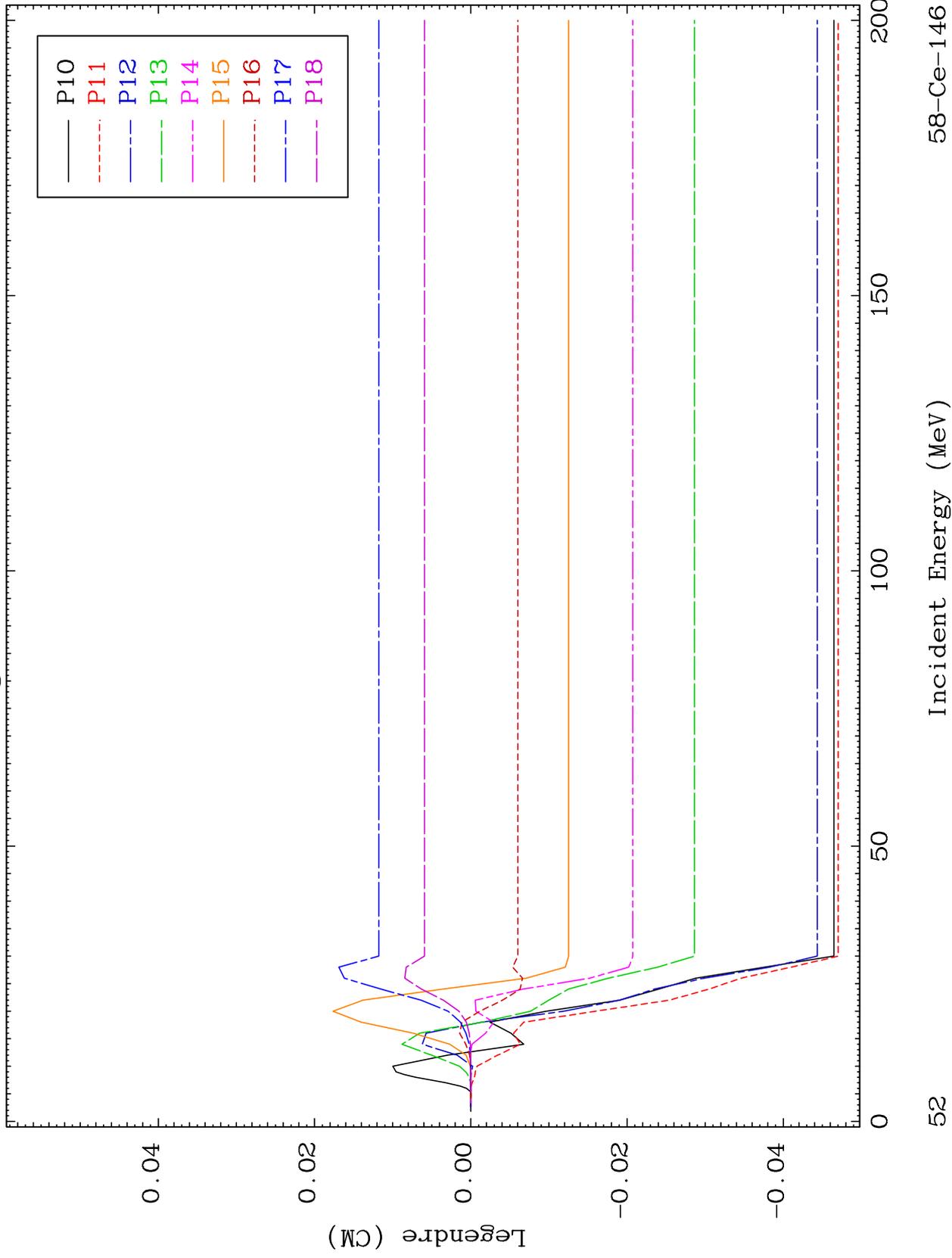
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MAT 5855

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

58-Ce-146



58-Ce-146

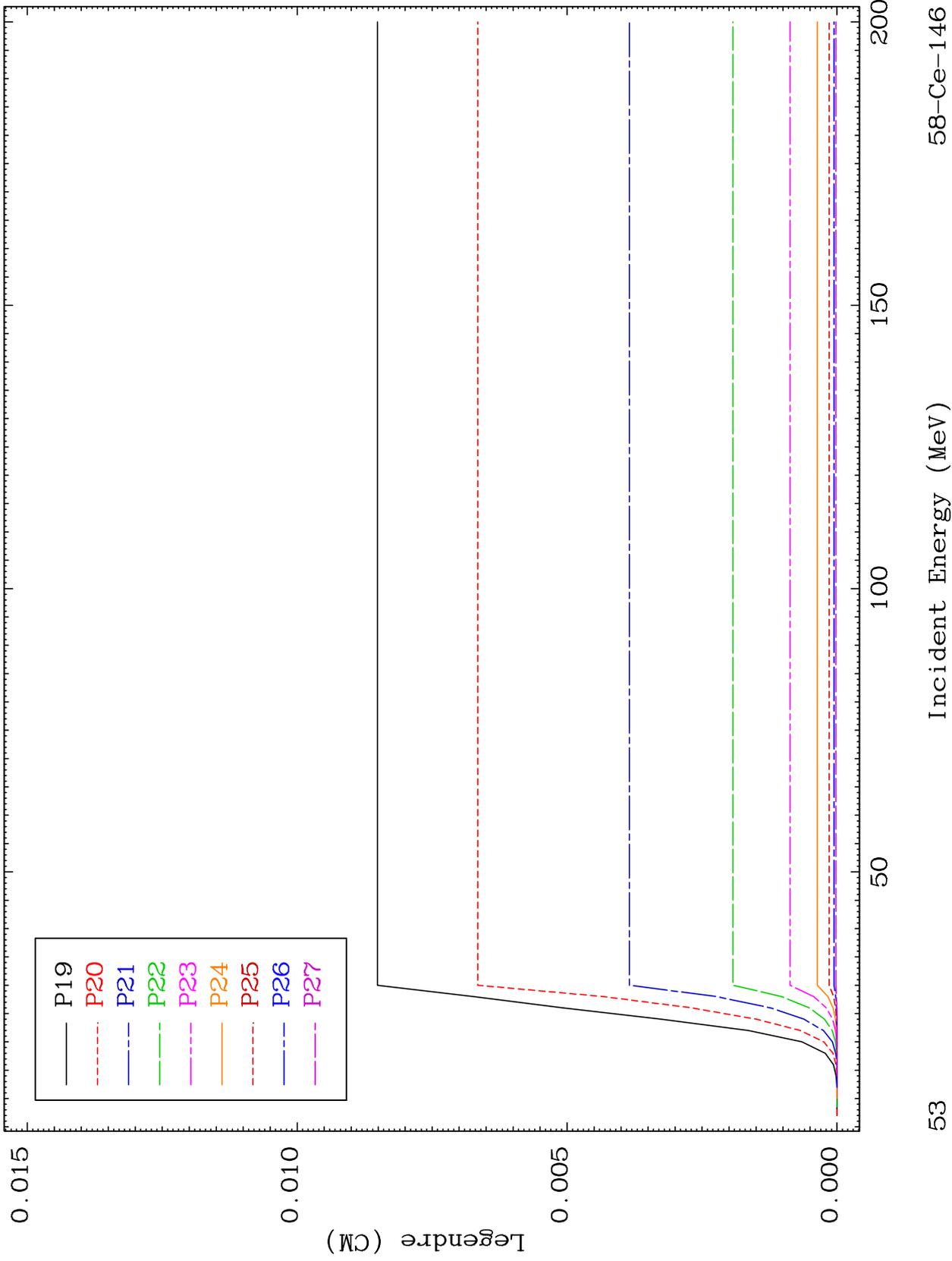
Incident Energy (MeV)

52

MAT 5855

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

58-Ce-146



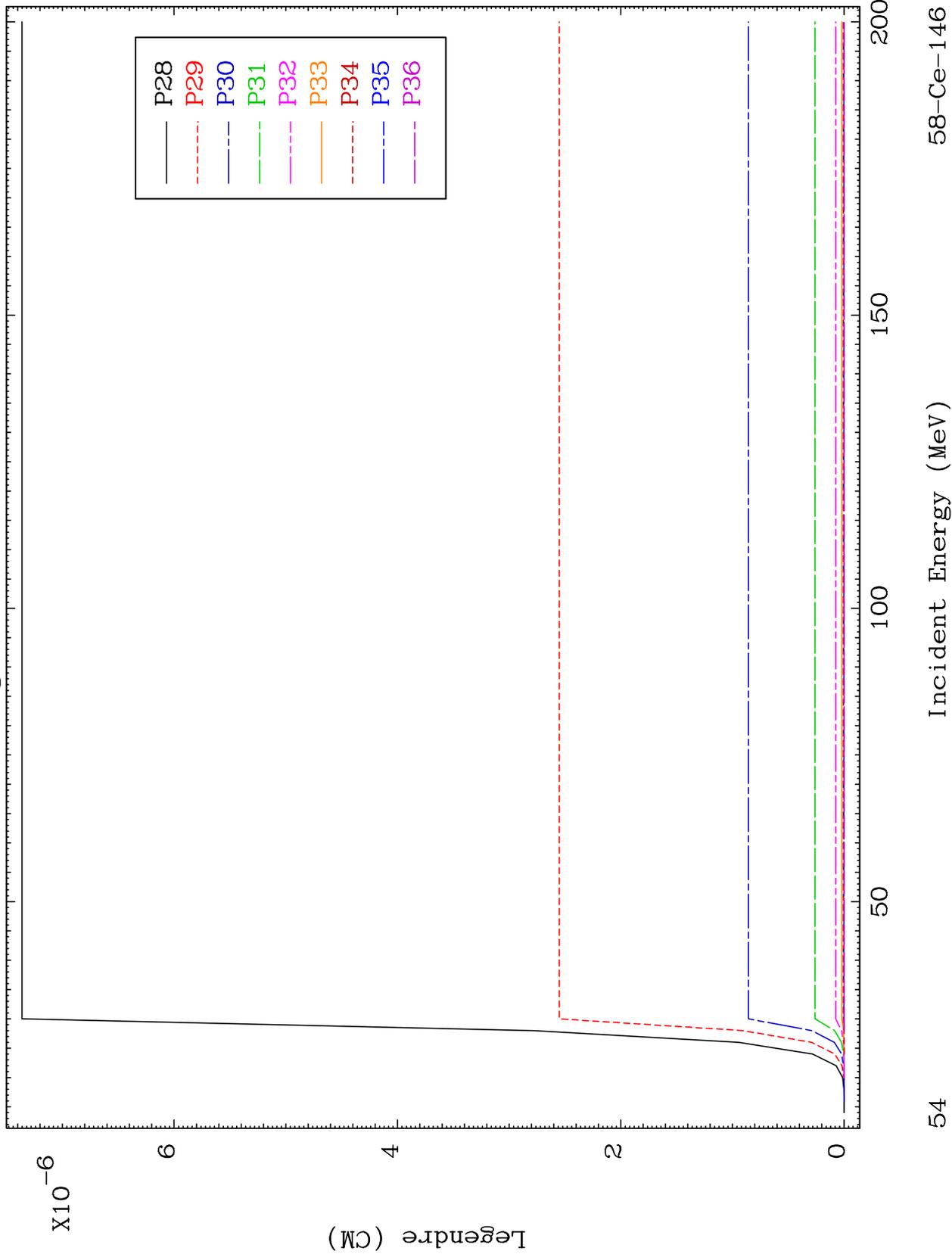
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58-Ce-146

MAT 5855

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

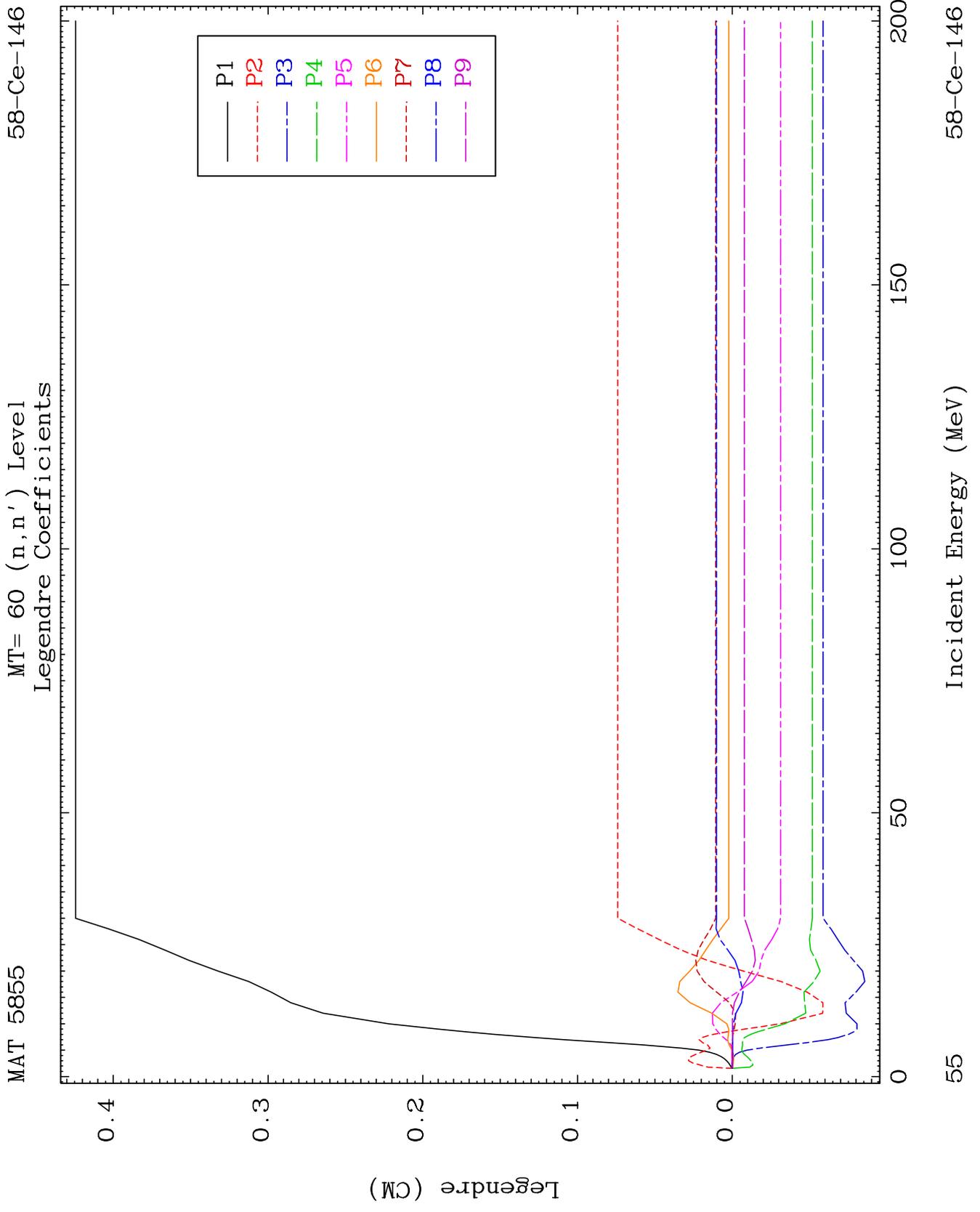
58-Ce-146



54

Incident Energy (MeV)

58-Ce-146

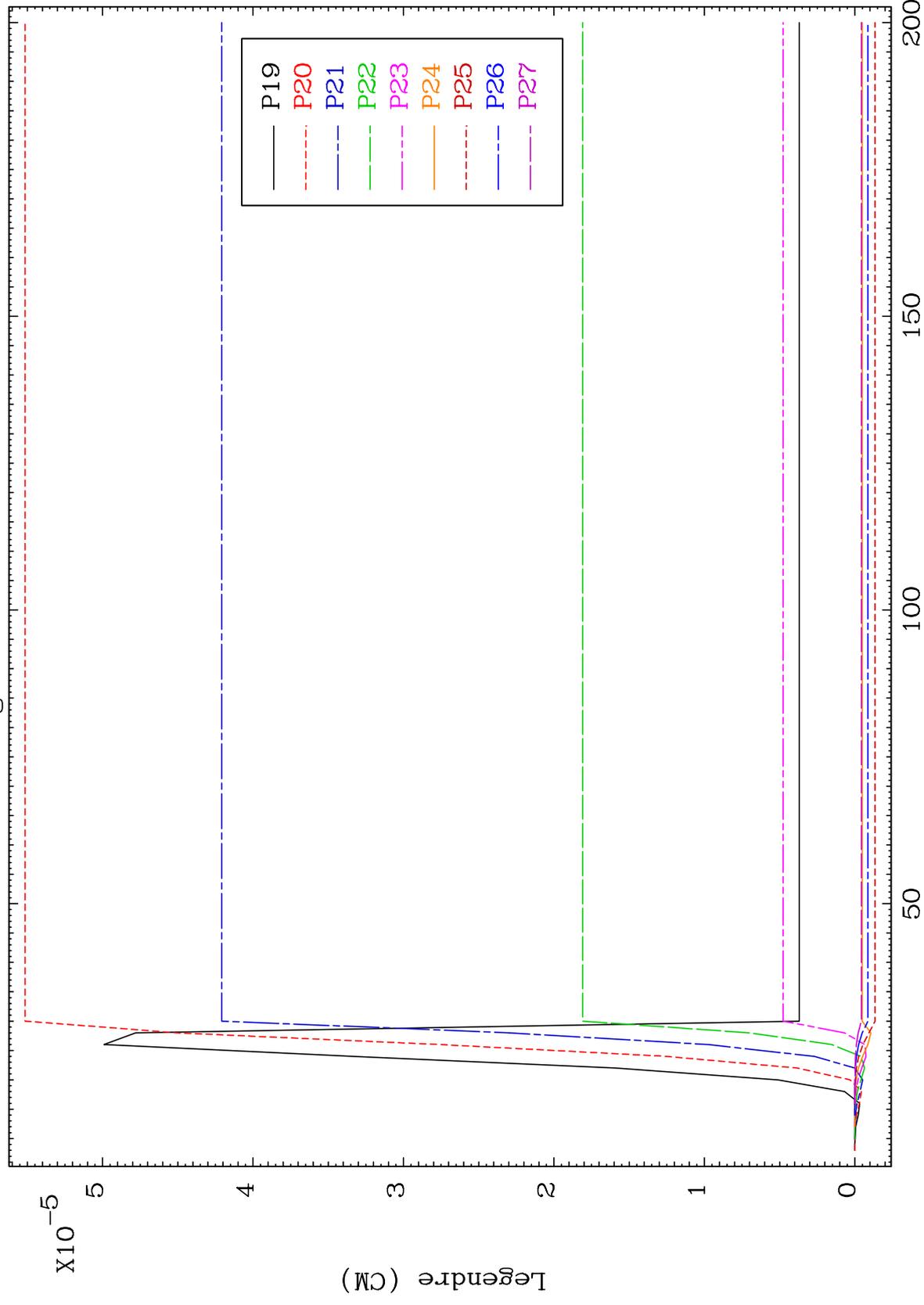




MAT 5855

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

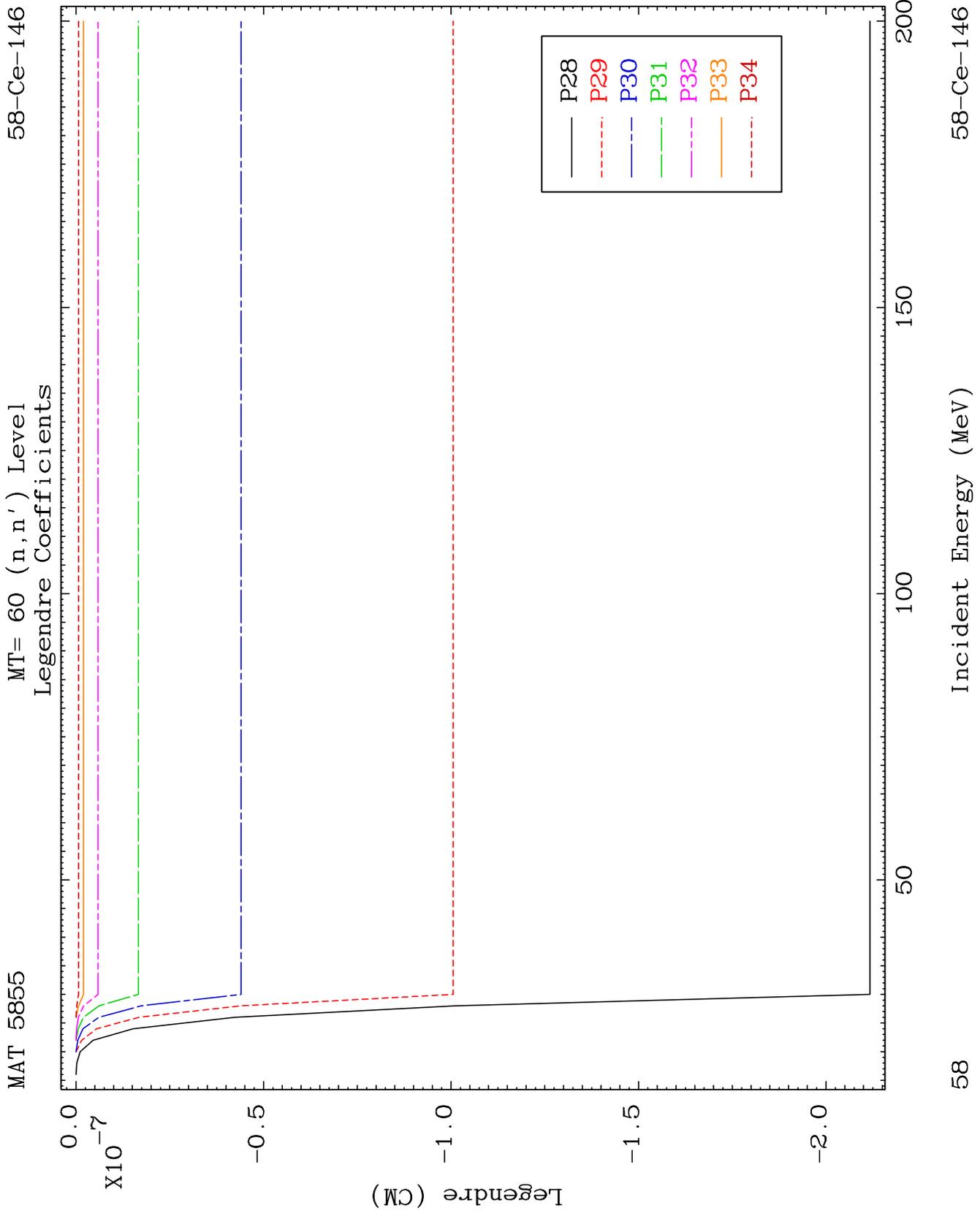
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57

Incident Energy (MeV)

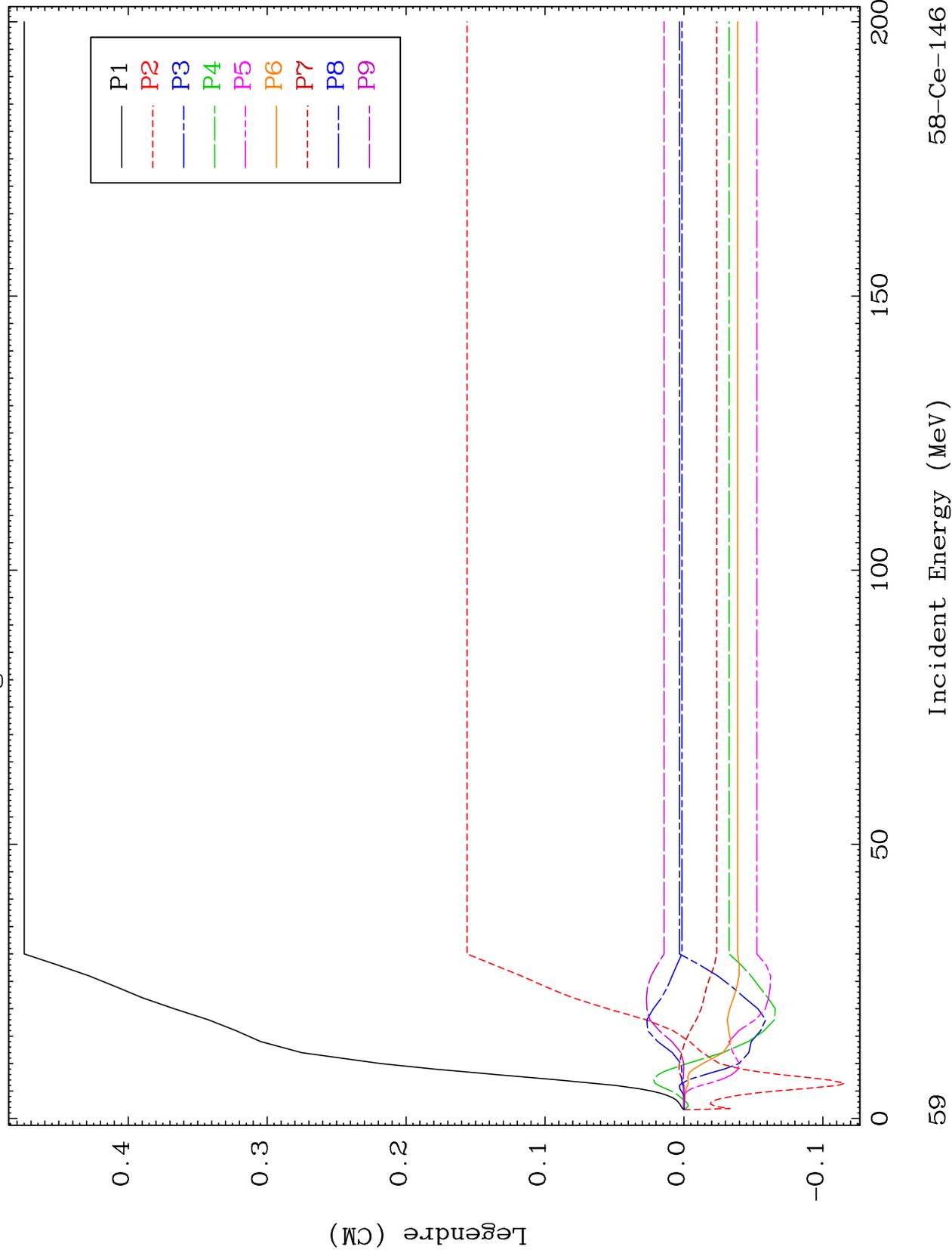
58-Ce-146



MAT 5855

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

58-Ce-146



58-Ce-146

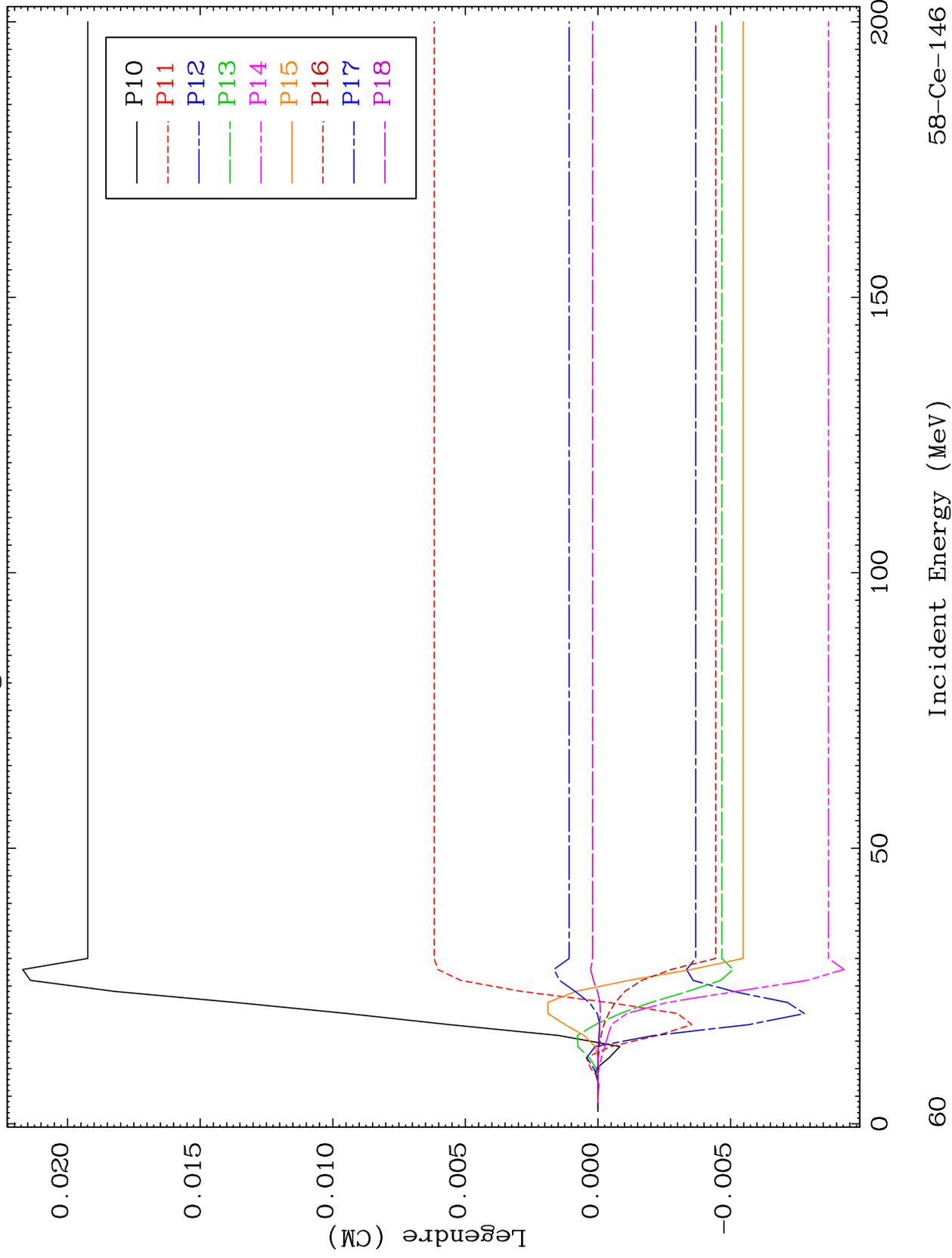
Incident Energy (MeV)

59

MAT 5855

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

58-Ce-146



58-Ce-146

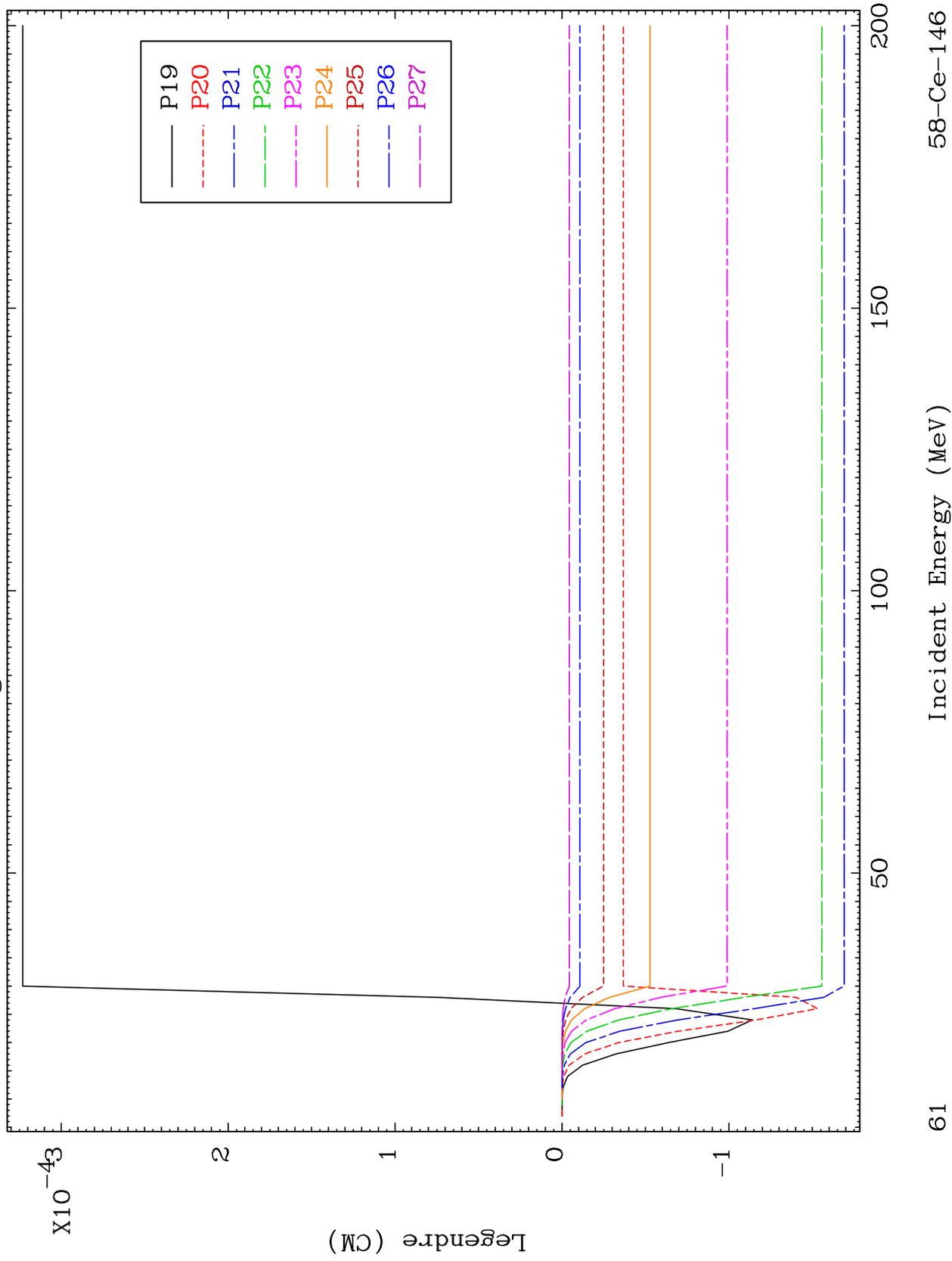
Incident Energy (MeV)

60

MAT 5855

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

58-Ce-146



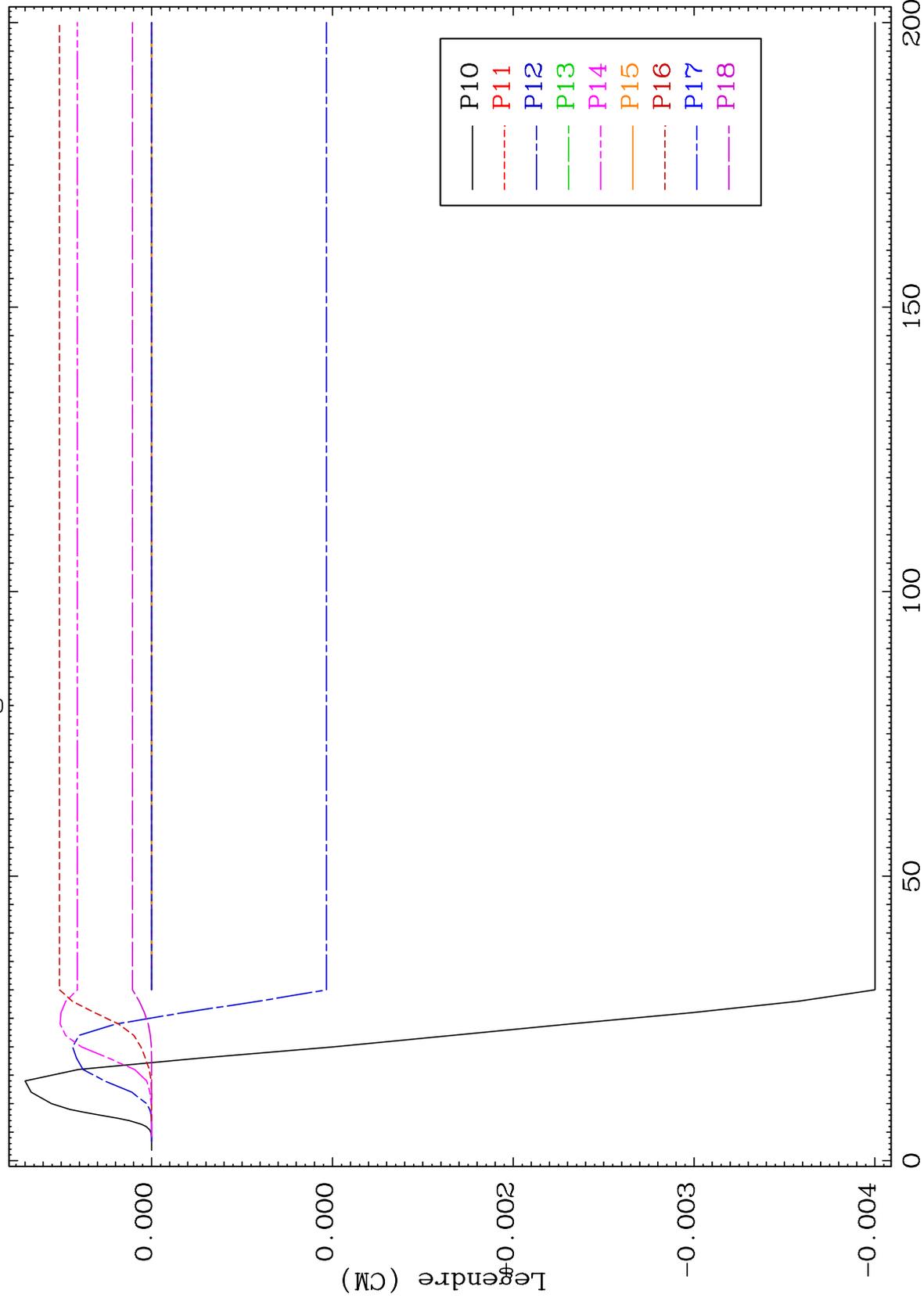




MAT 5855

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

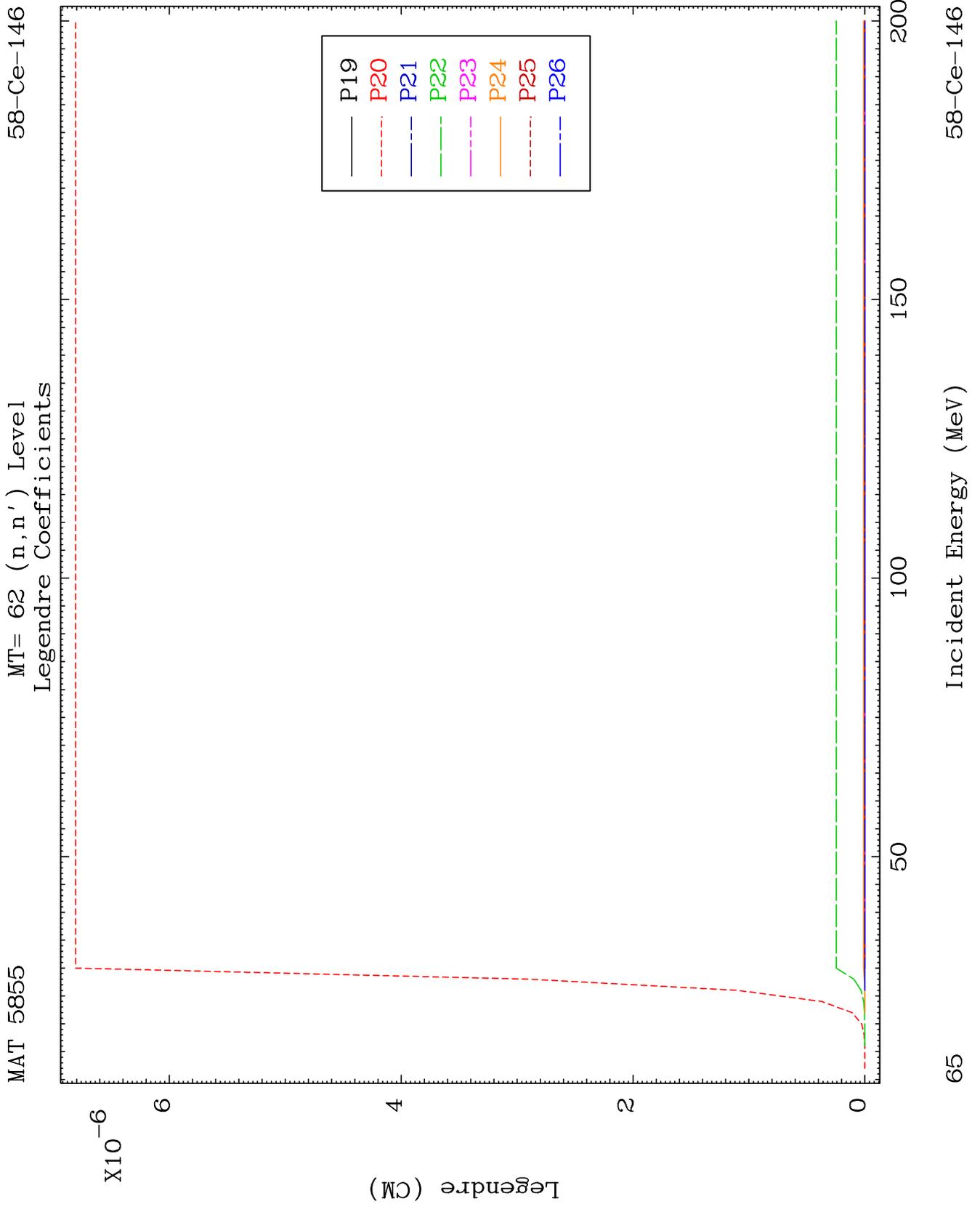
58-Ce-146



64

Incident Energy (MeV)

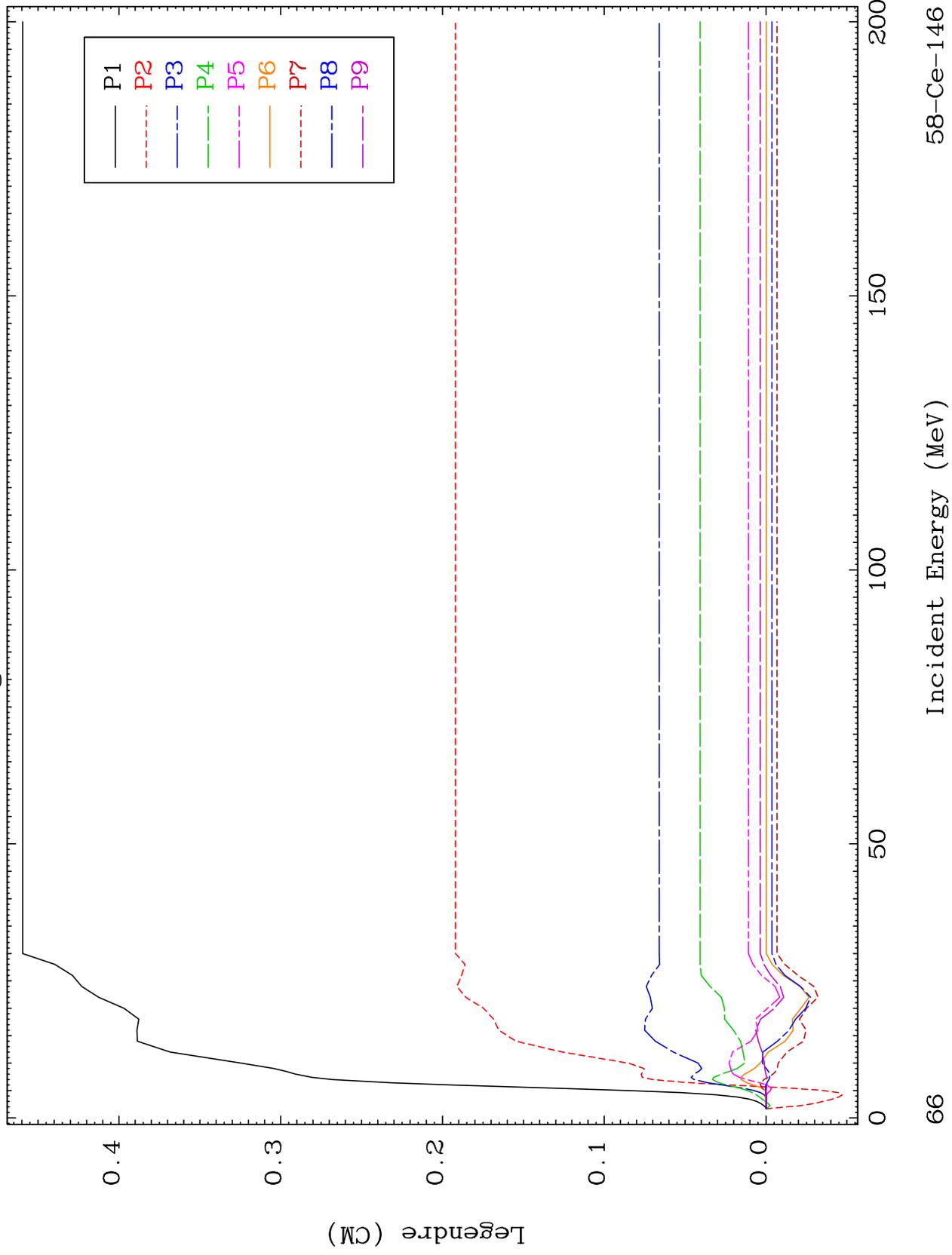
58-Ce-146



MAT 5855

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

58-Ce-146



58-Ce-146

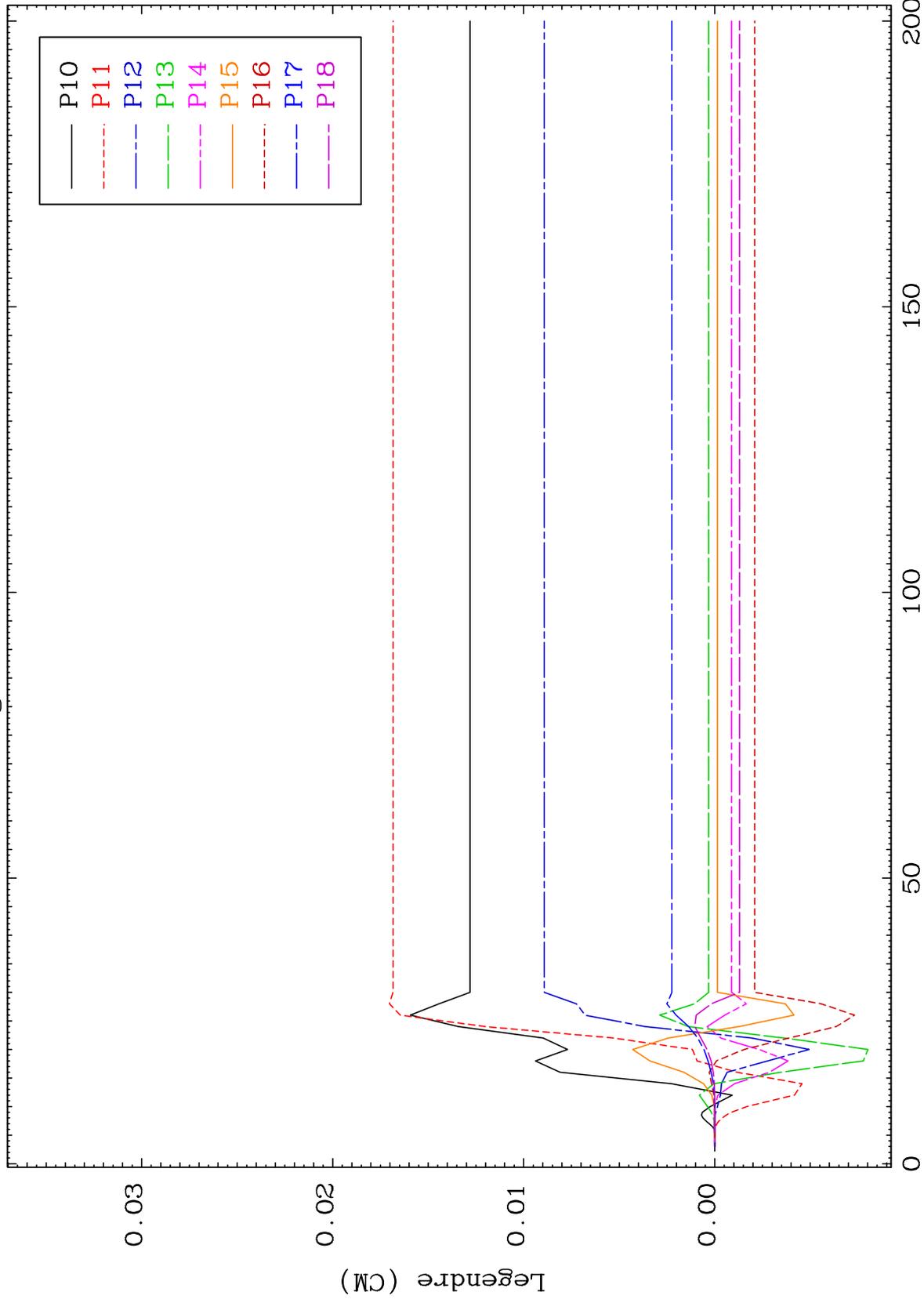
Incident Energy (MeV)

66

MAT 5855

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

58-Ce-146



67

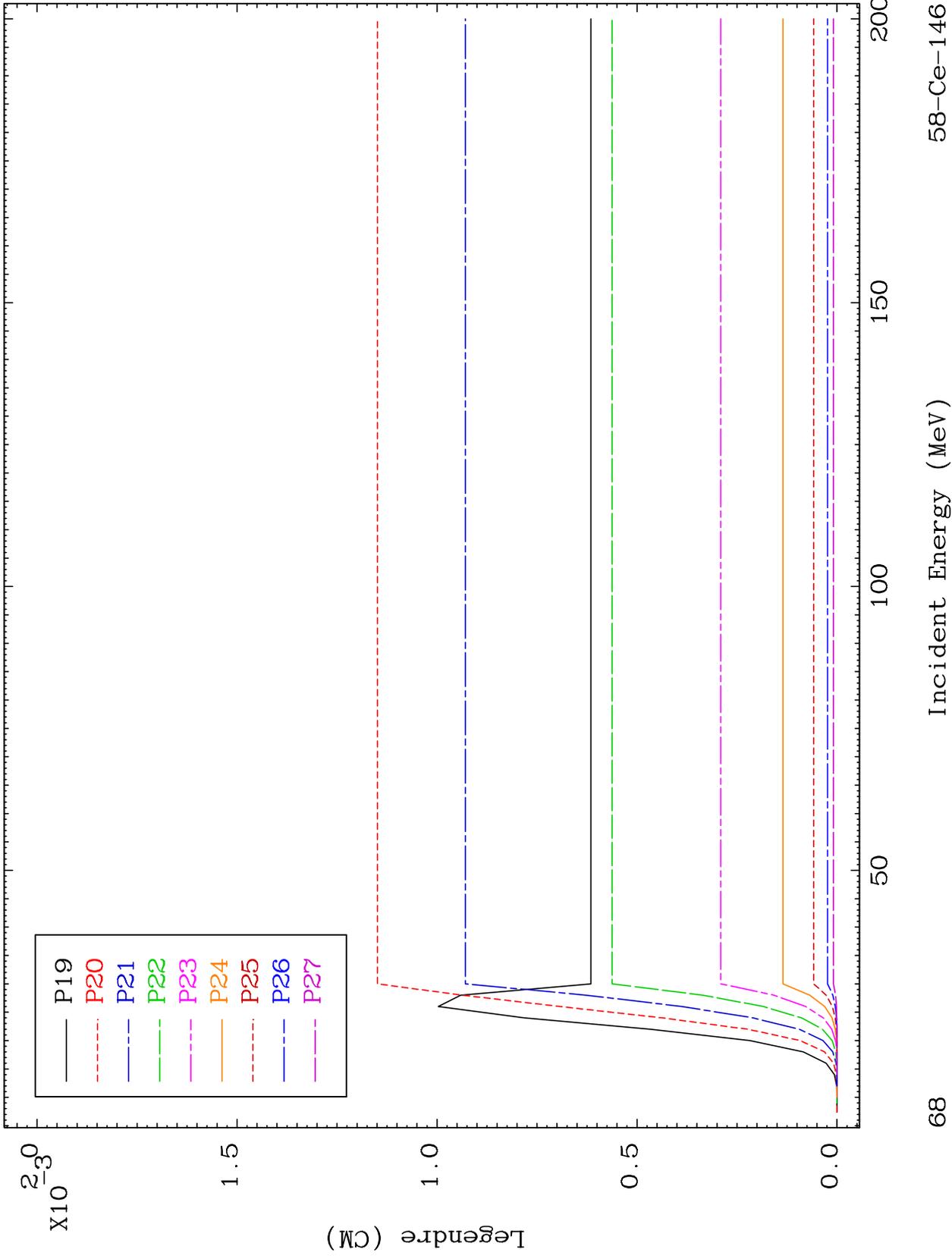
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

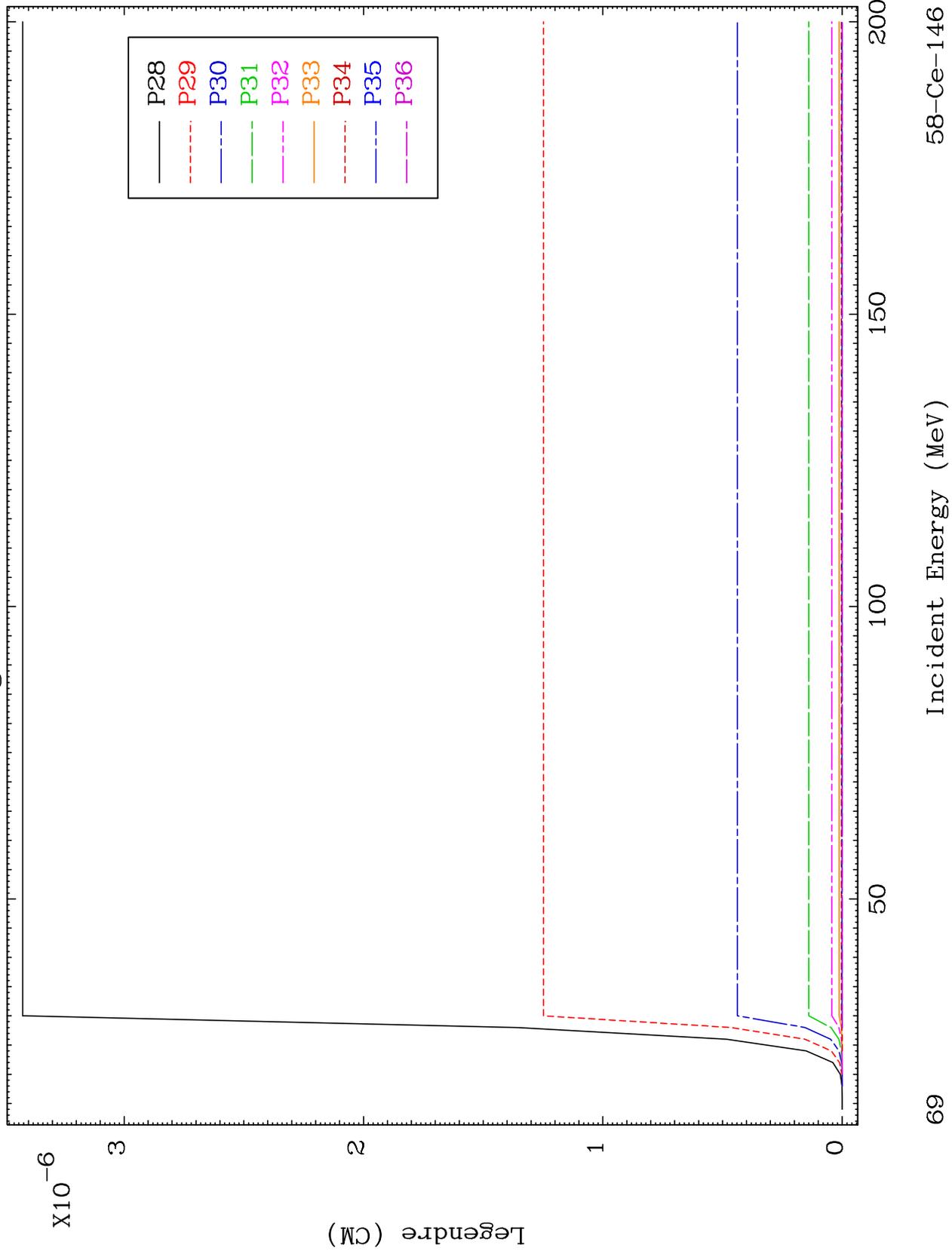
58-Ce-146

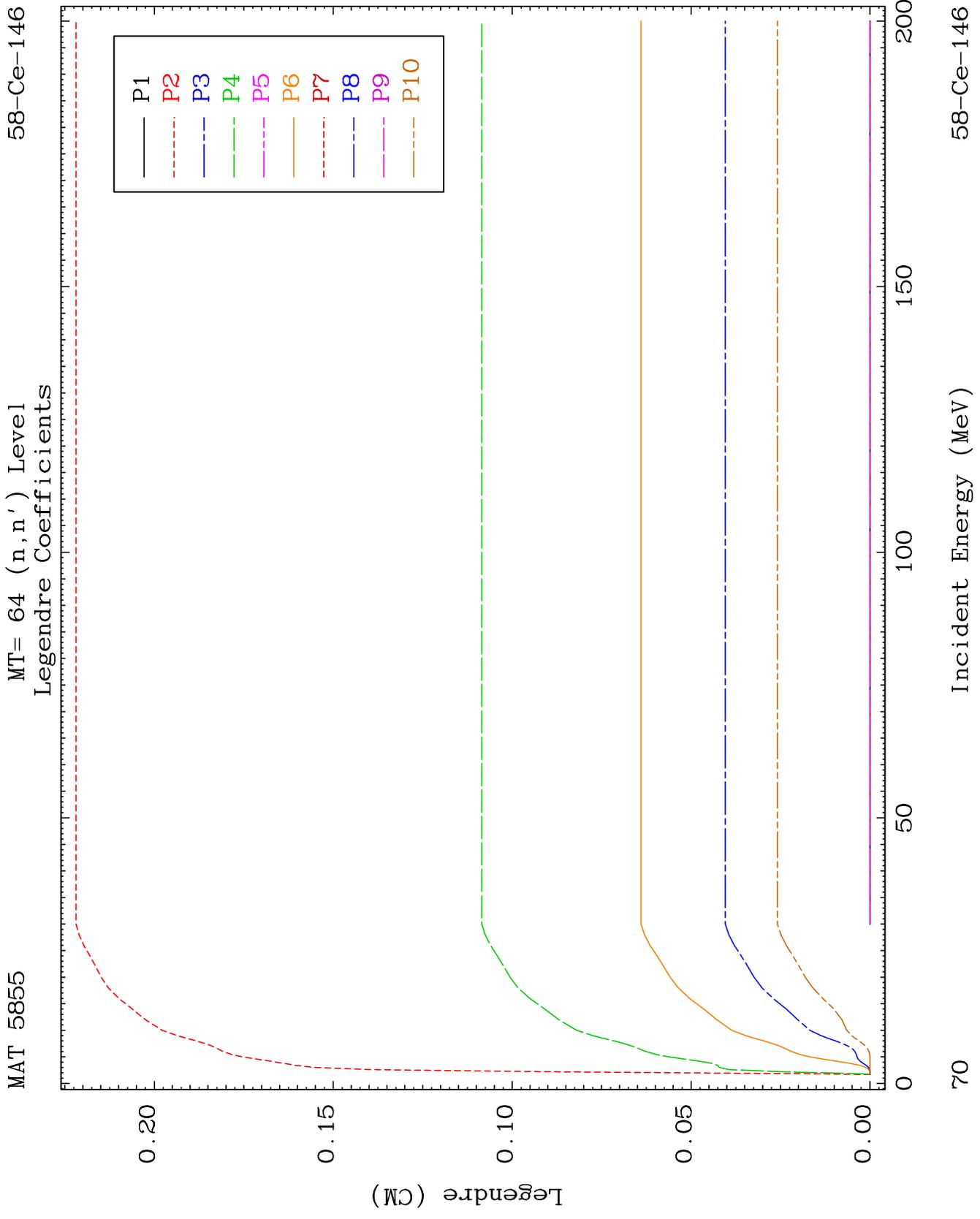


MAT 5855

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

58-Ce-146

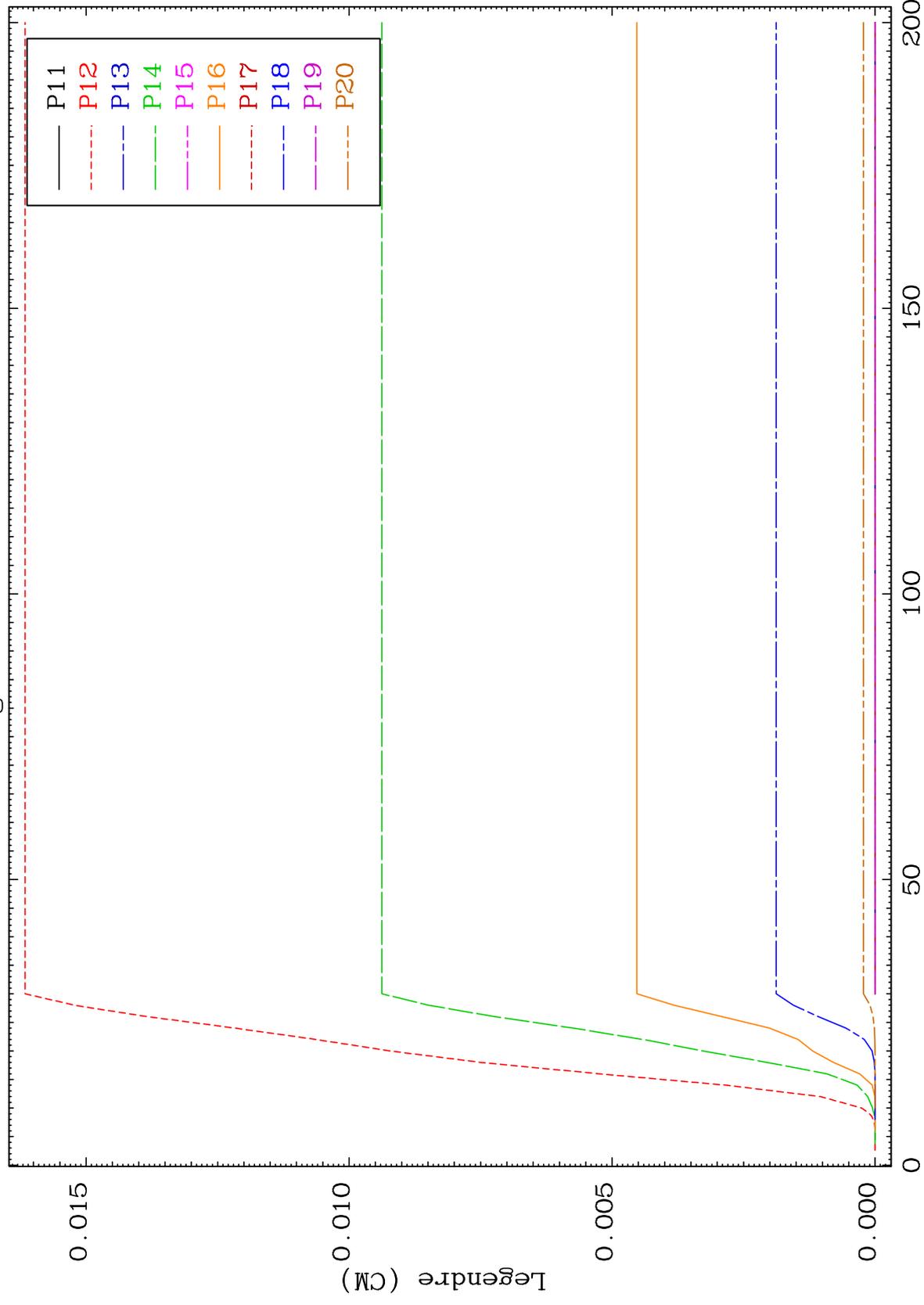




MAT 5855

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

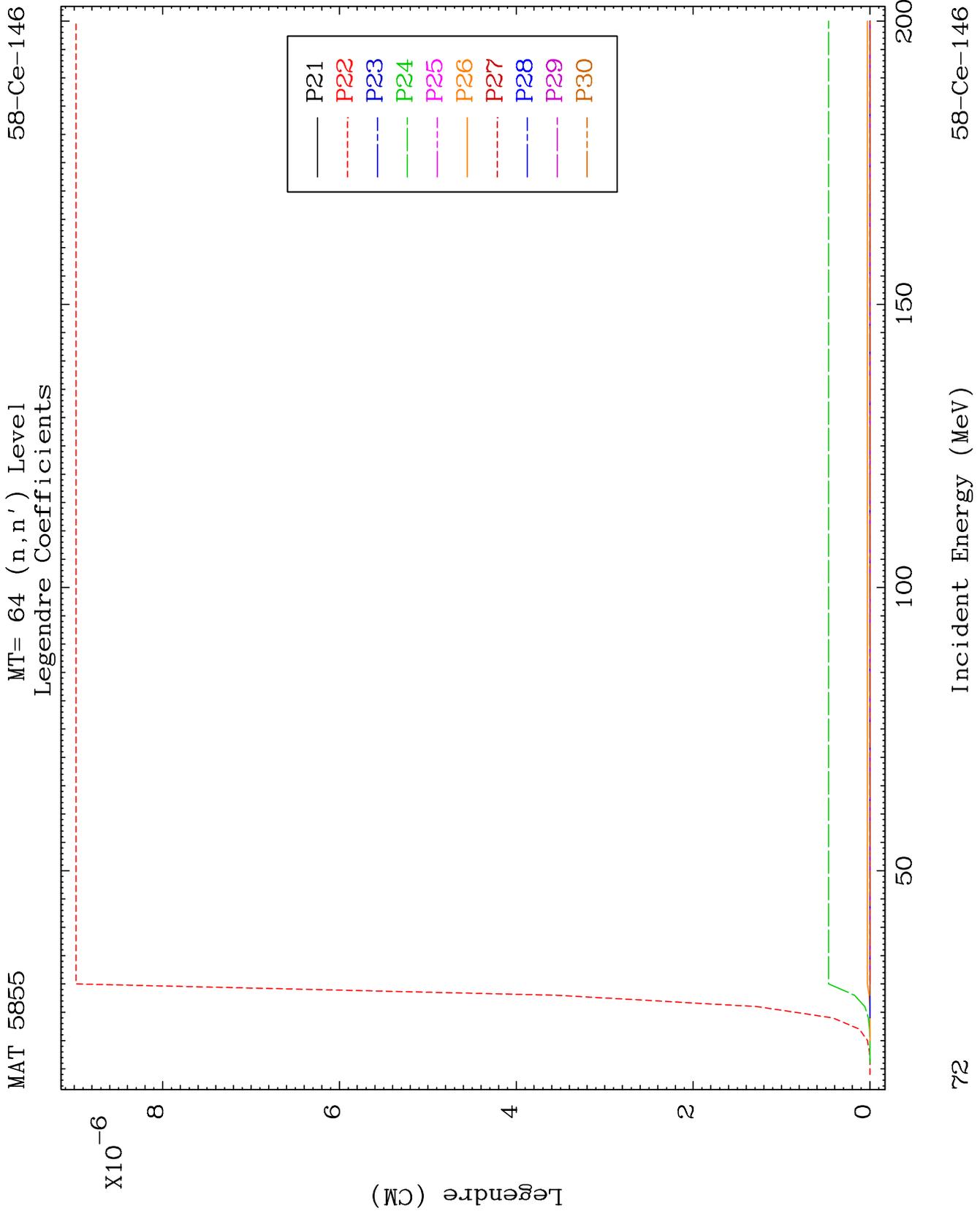
58-Ce-146



71

Incident Energy (MeV)

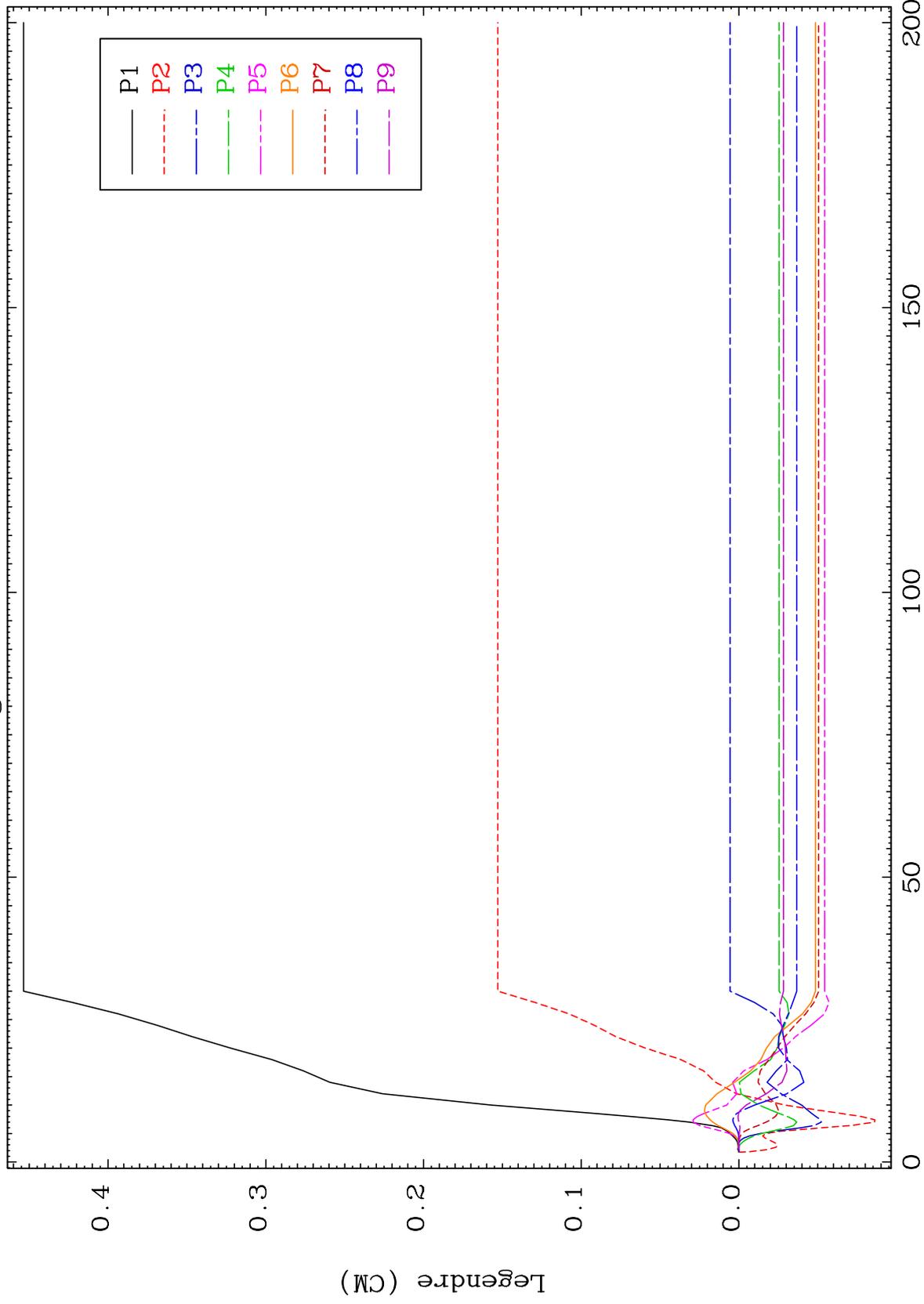
58-Ce-146



MAT 5855

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

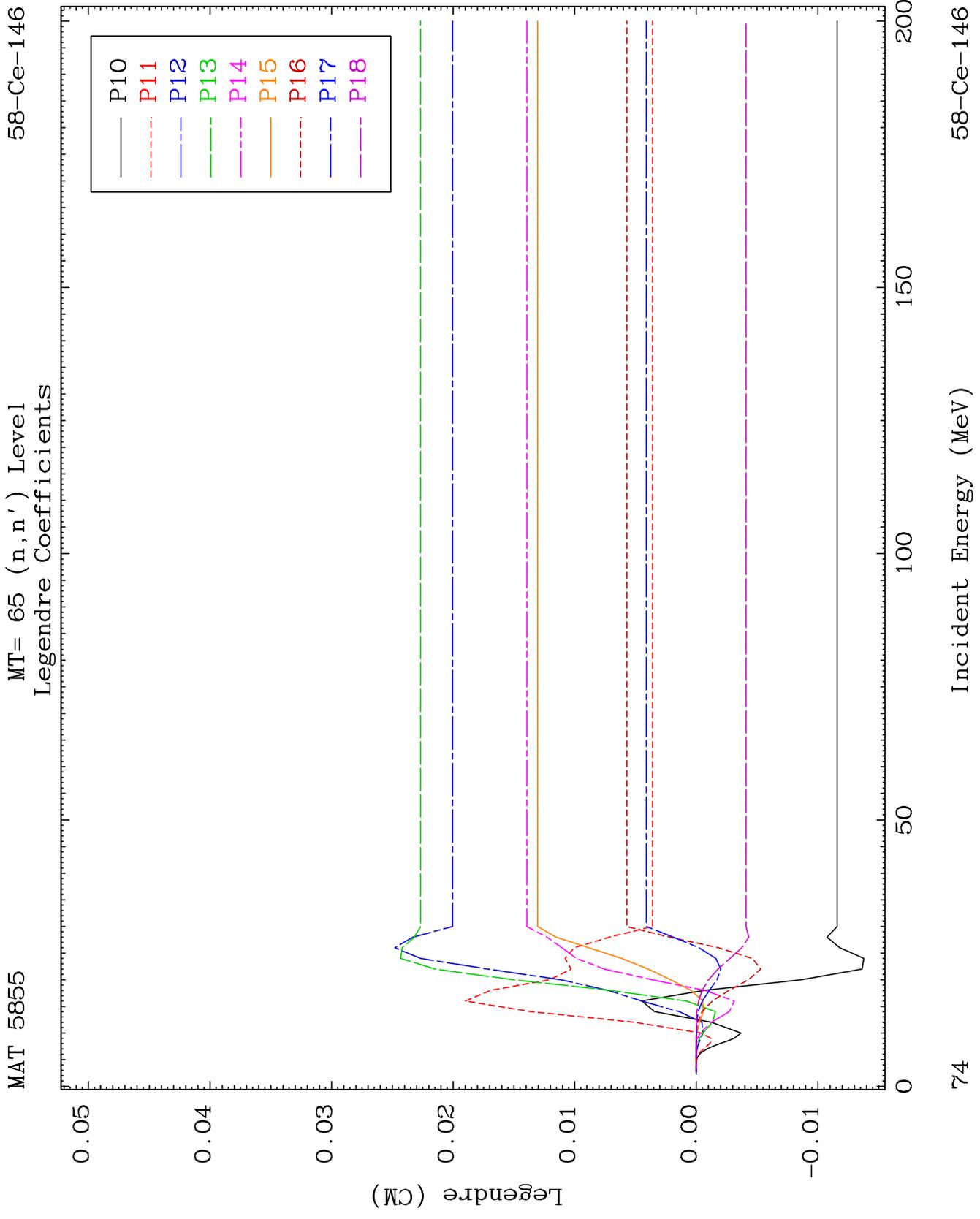
58-Ce-146



73

Incident Energy (MeV)

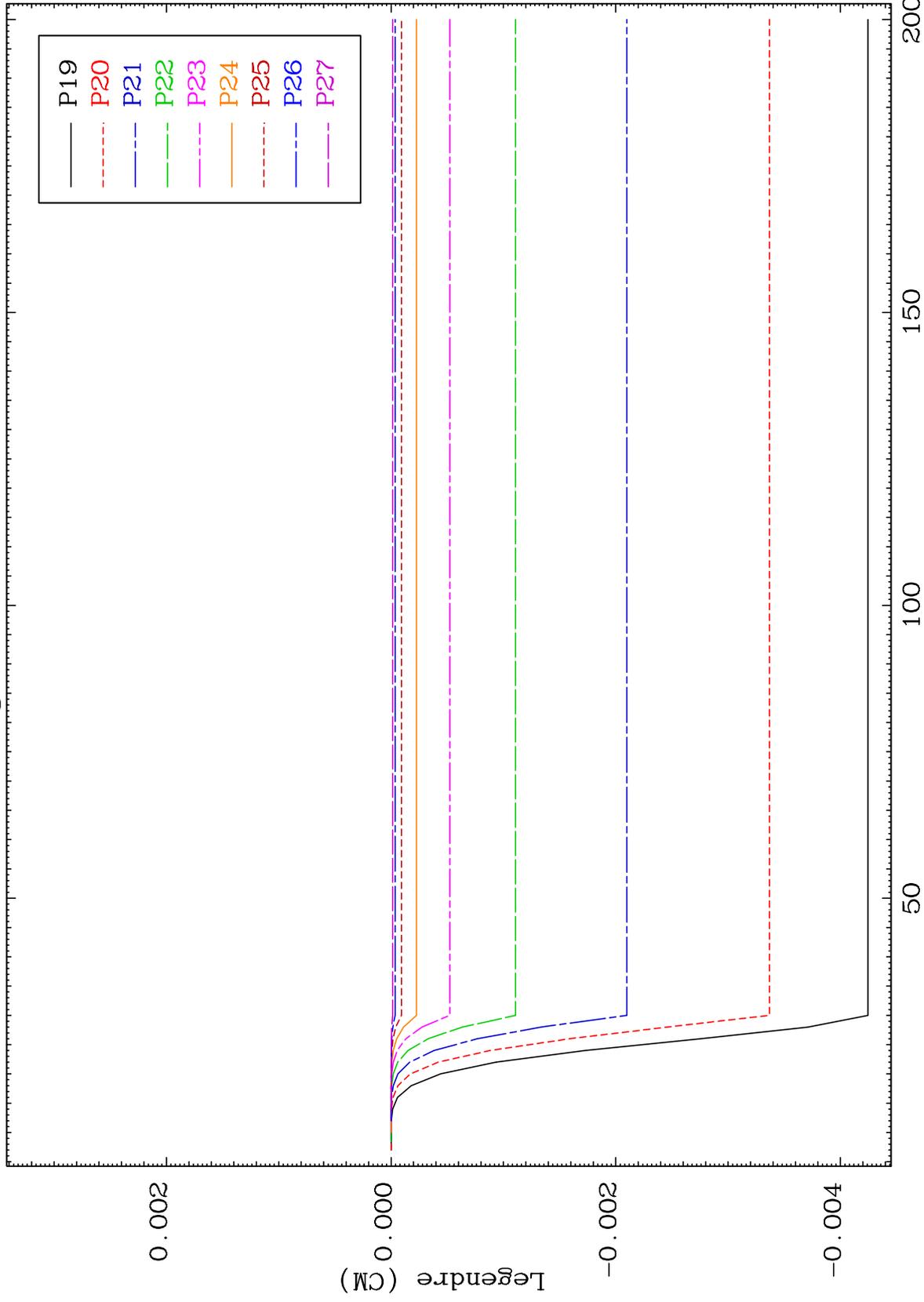
58-Ce-146



MAT 5855

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

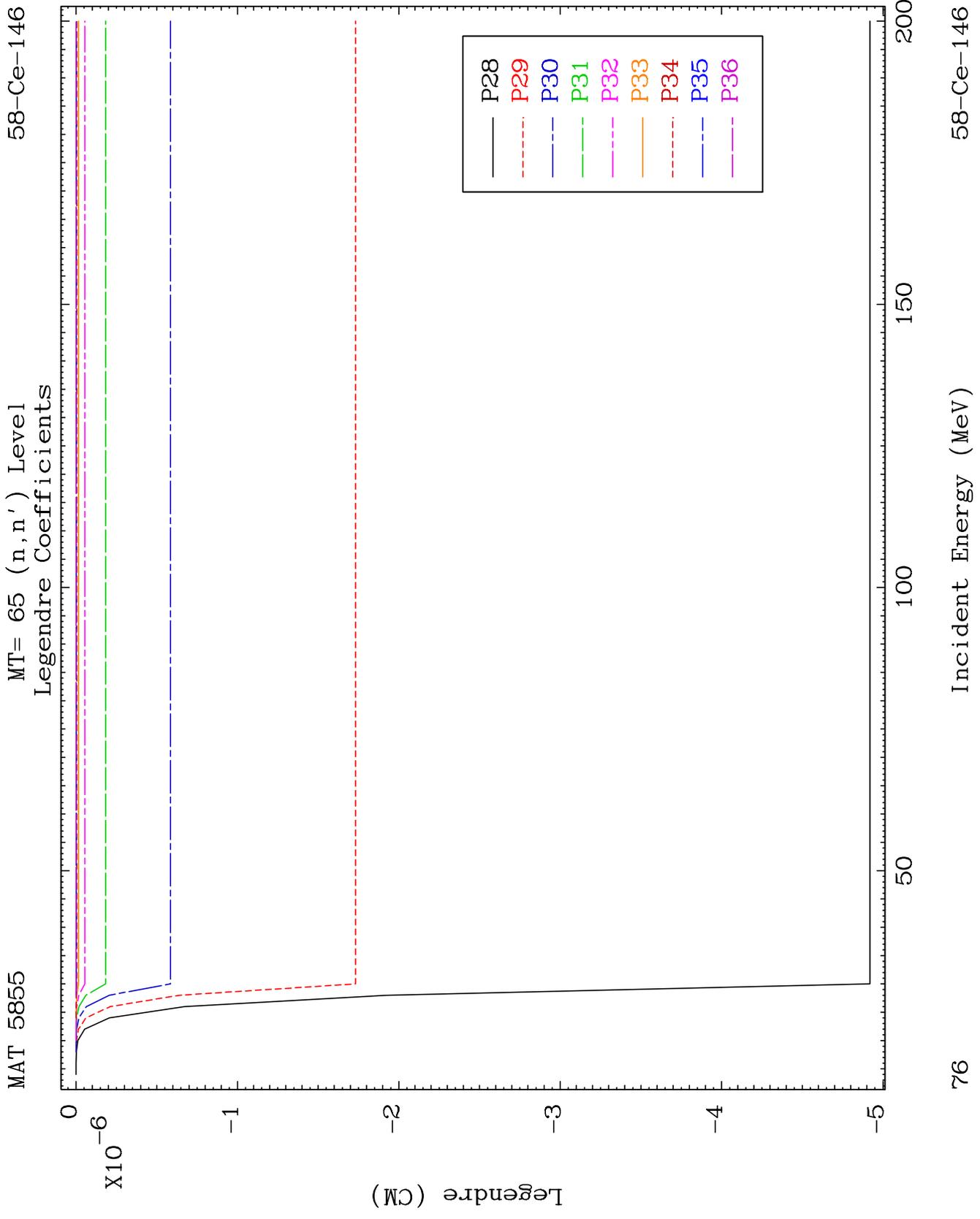
58-Ce-146



75

Incident Energy (MeV)

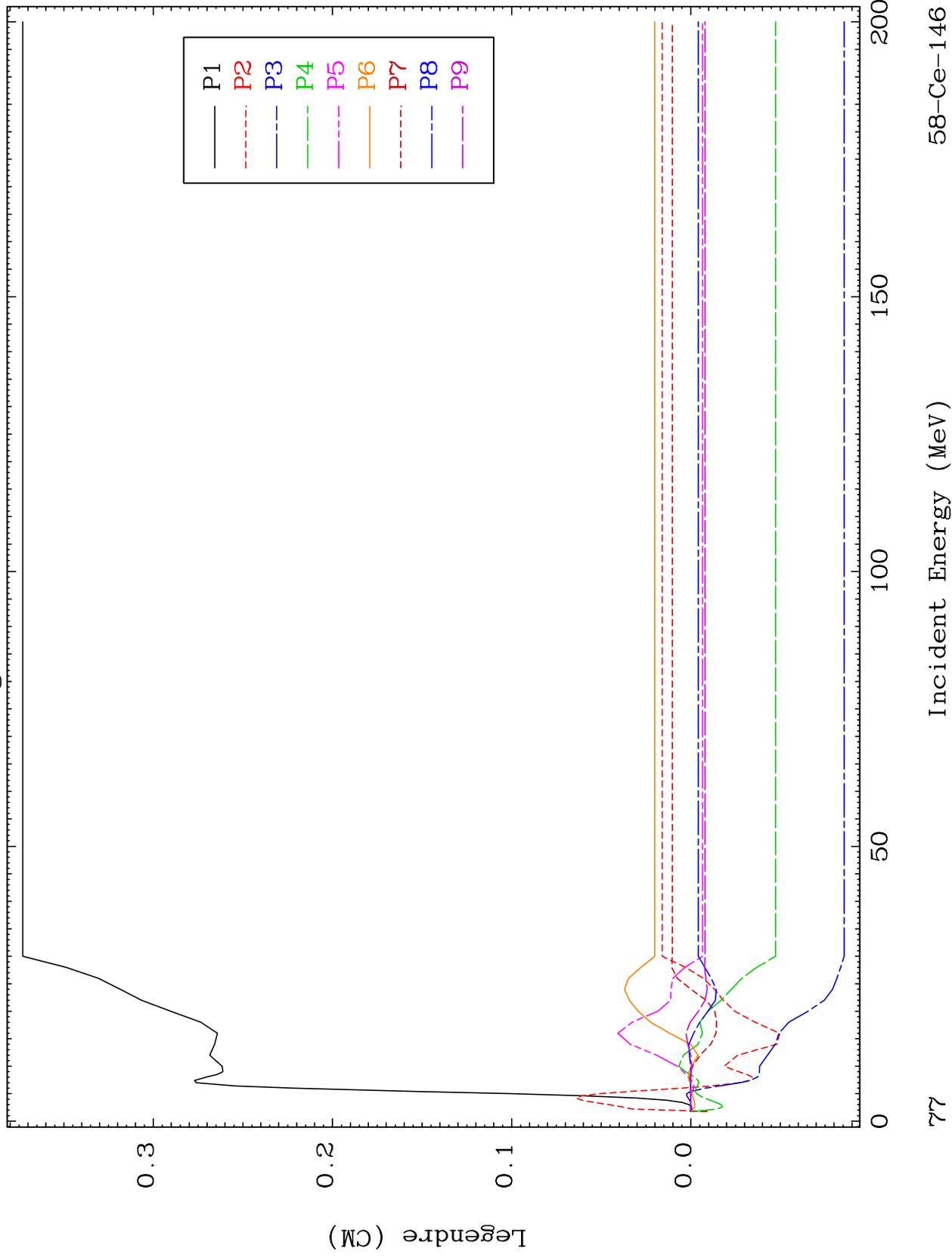
58-Ce-146



MAT 5855

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

58-Ce-146

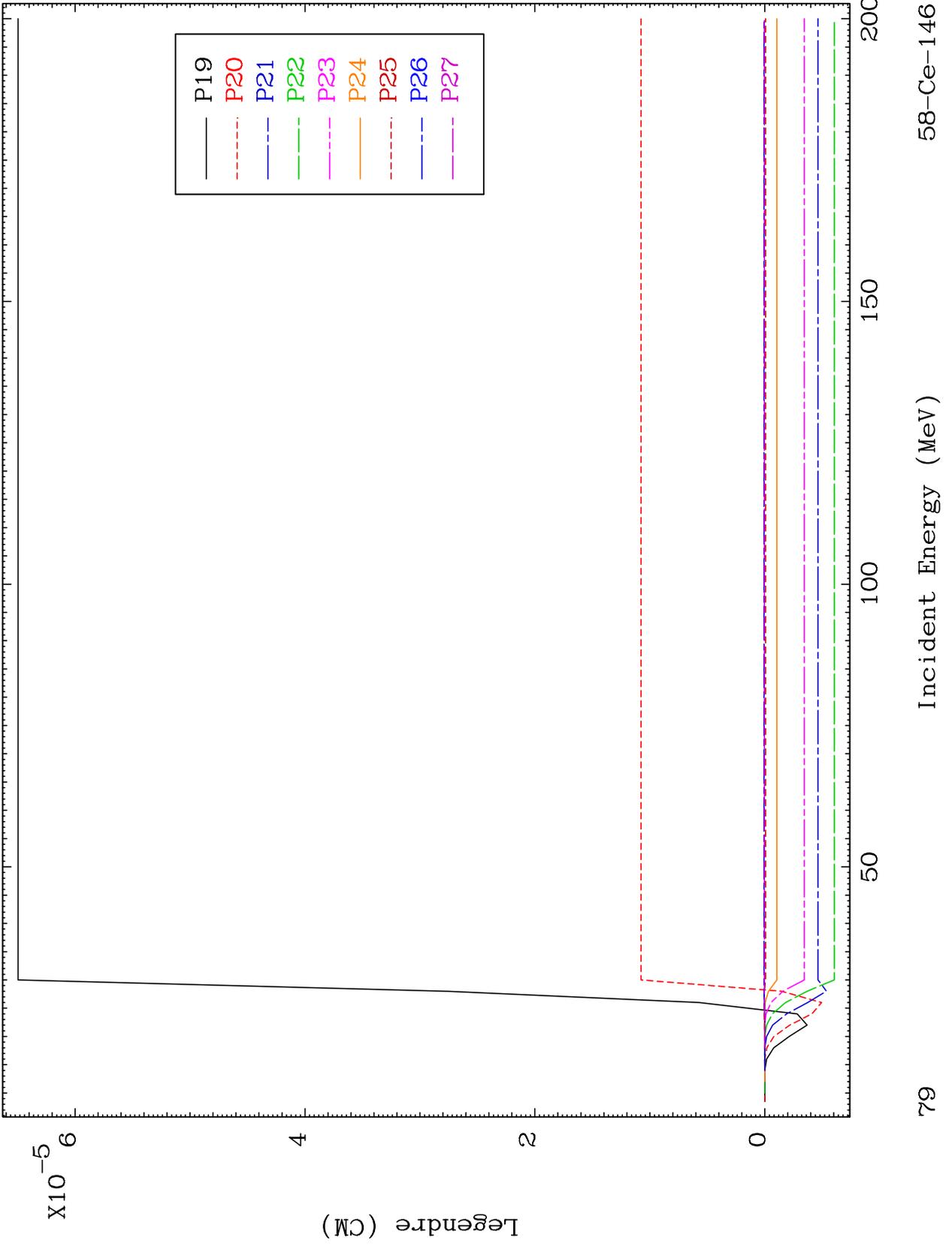




MAT 5855

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

58-Ce-146



79

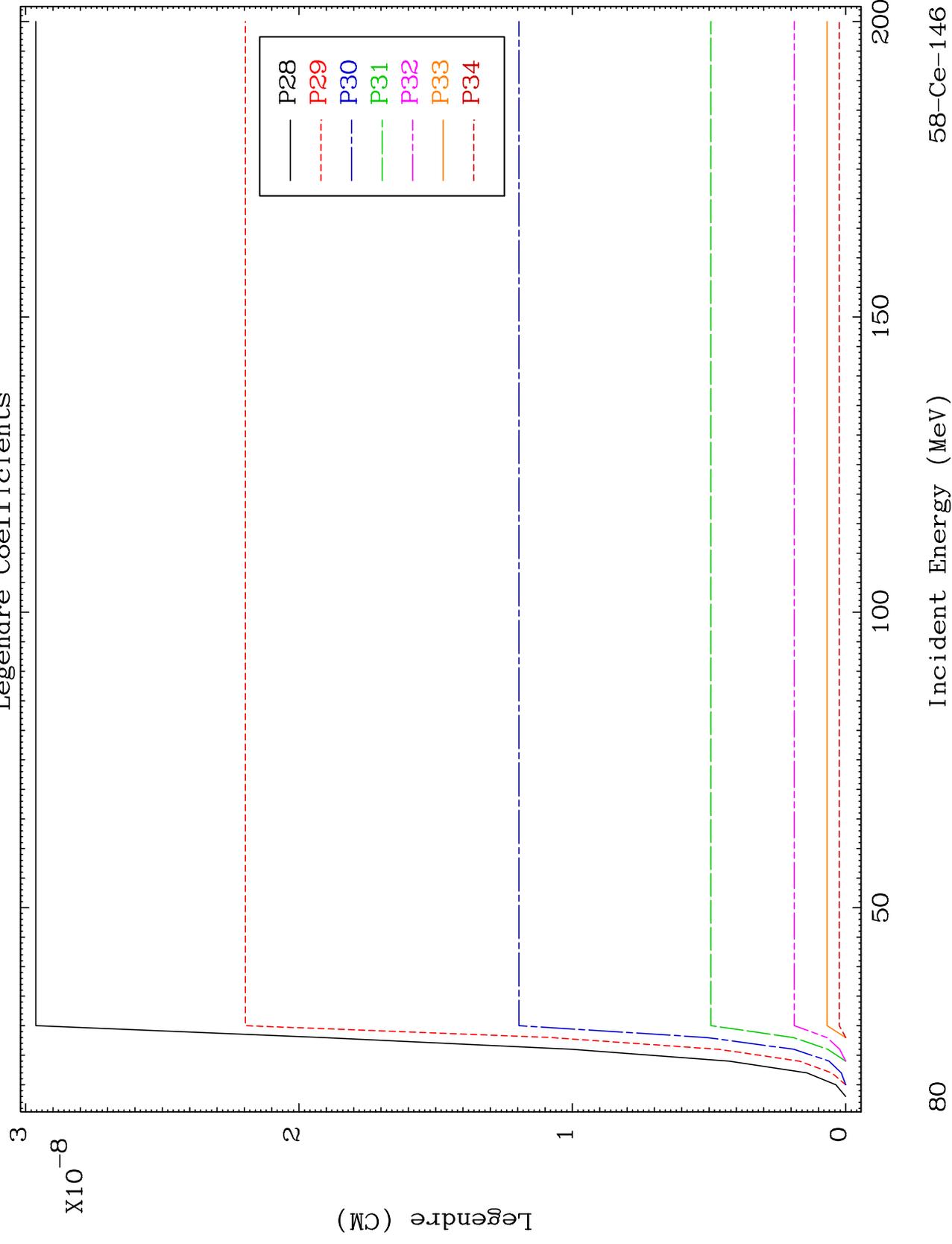
Incident Energy (MeV)

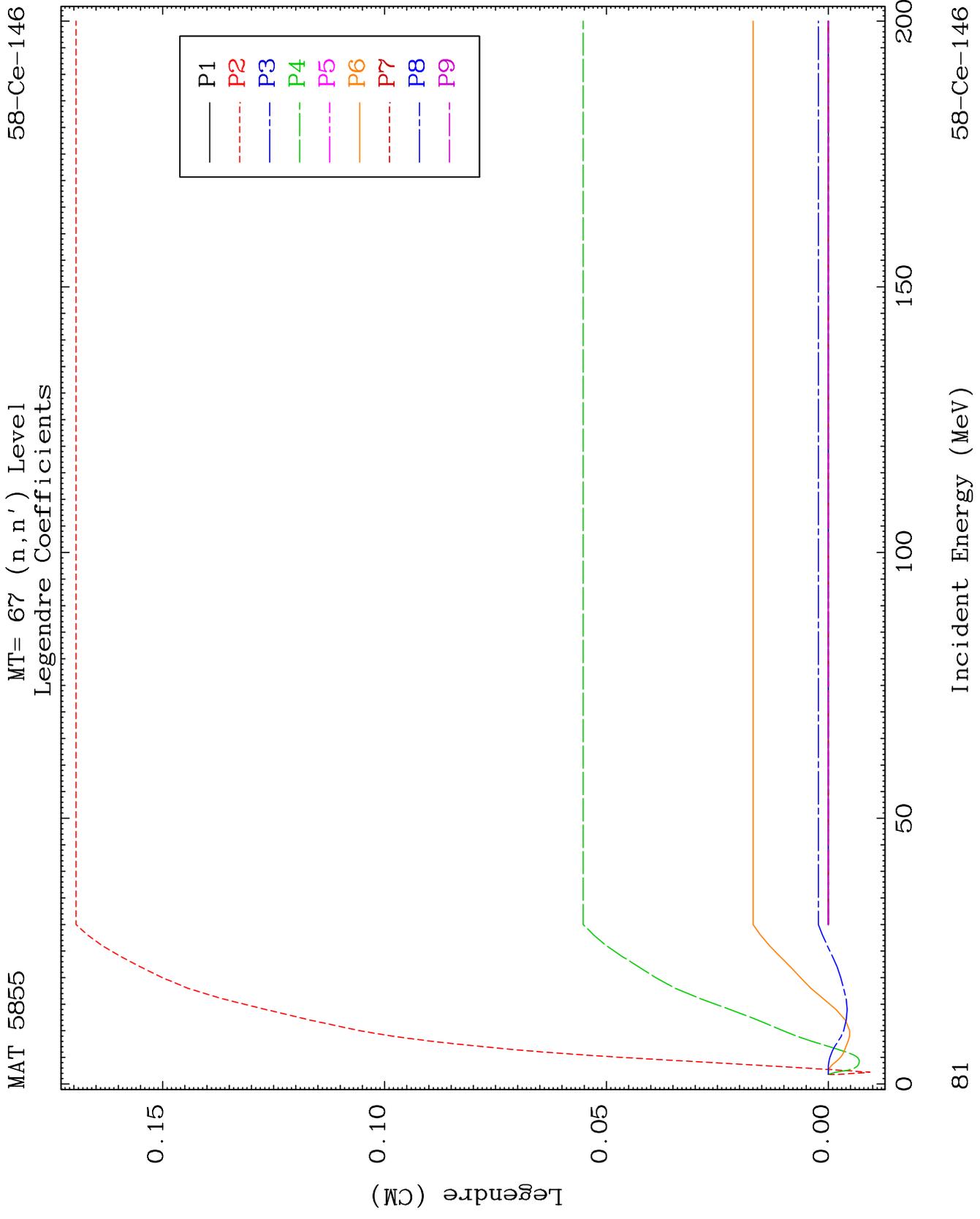
58-Ce-146

MAT 5855

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

58-Ce-146

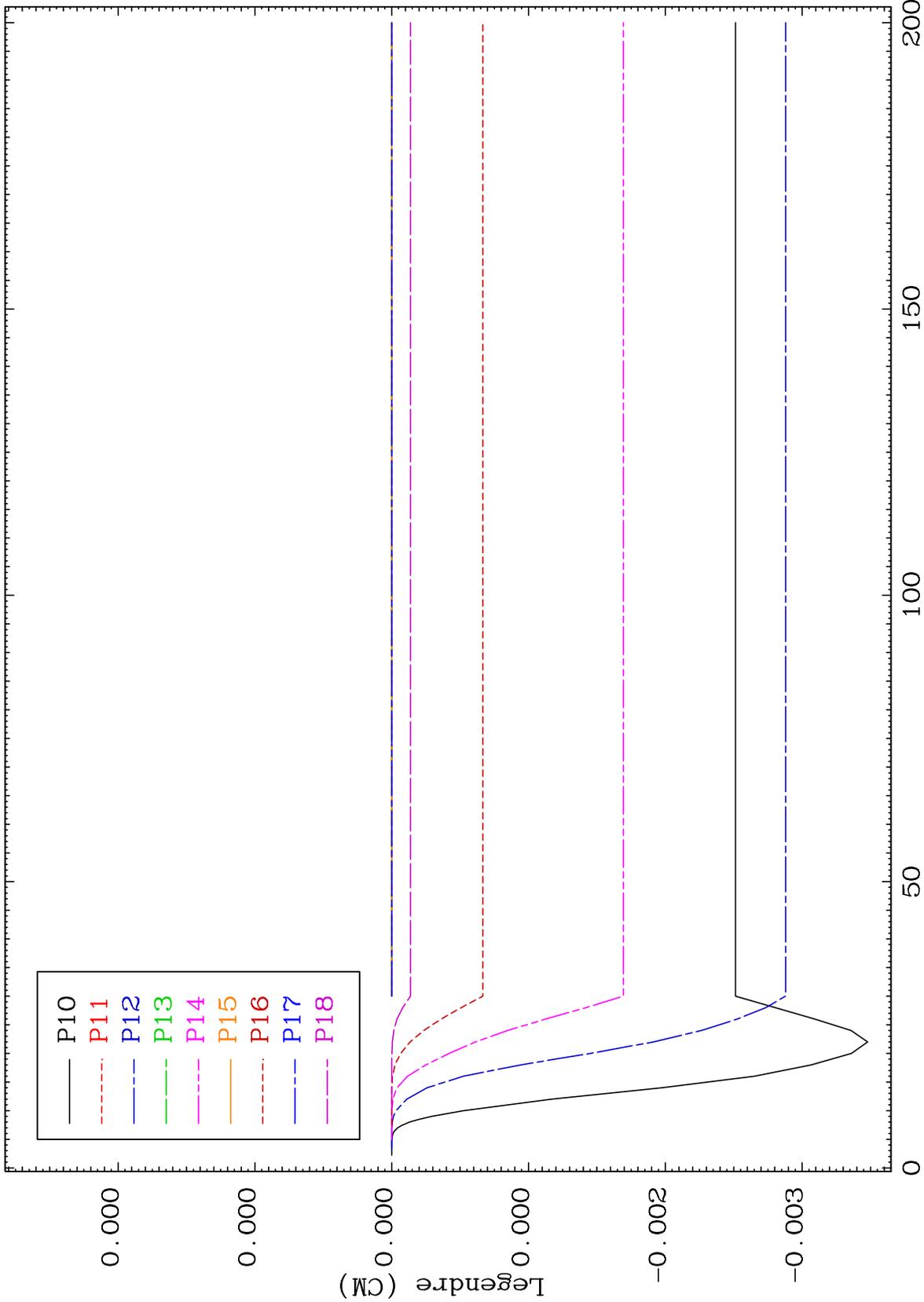




MAT 5855

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

58-Ce-146



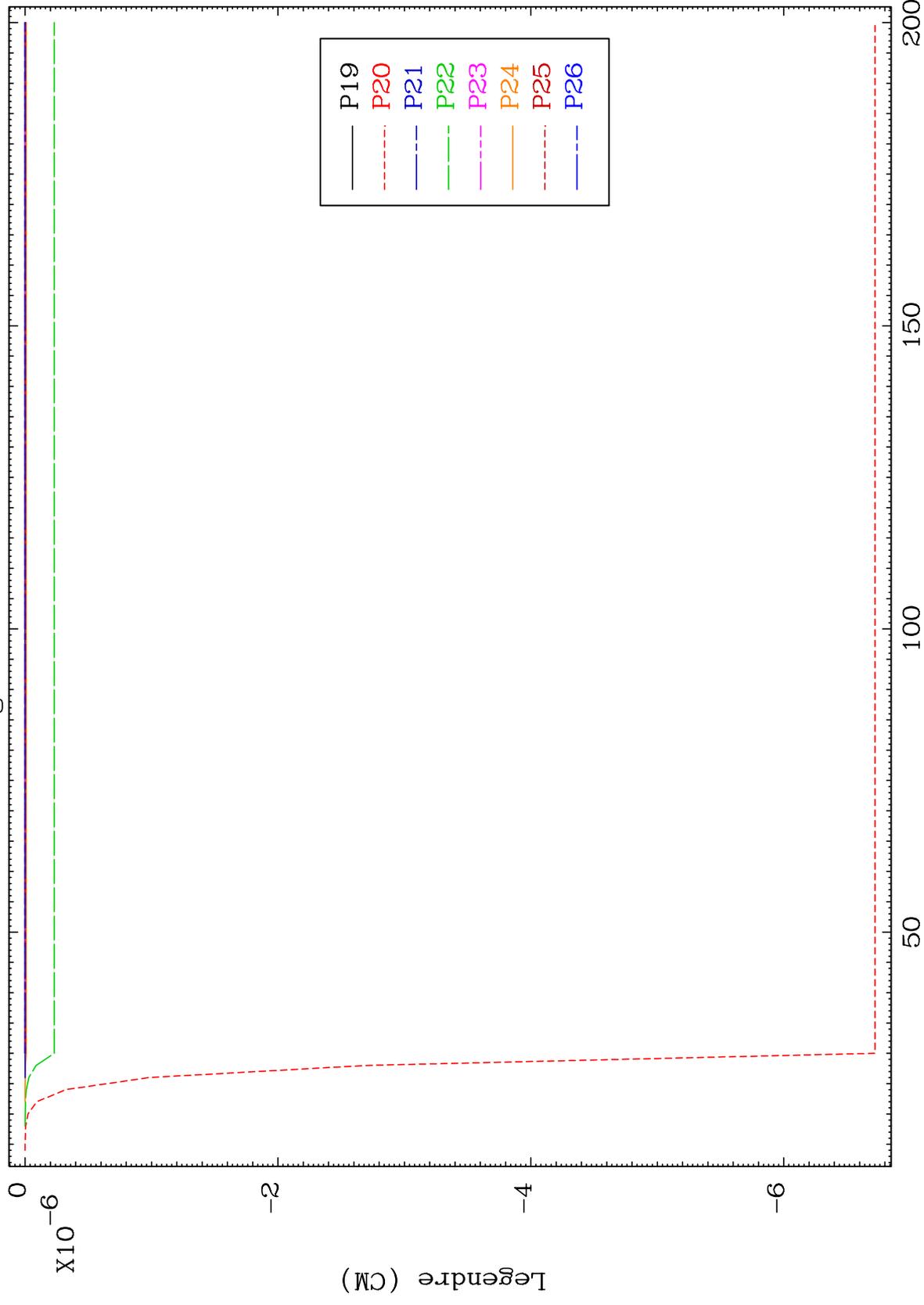
82

58-Ce-146

MAT 5855

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

58-Ce-146

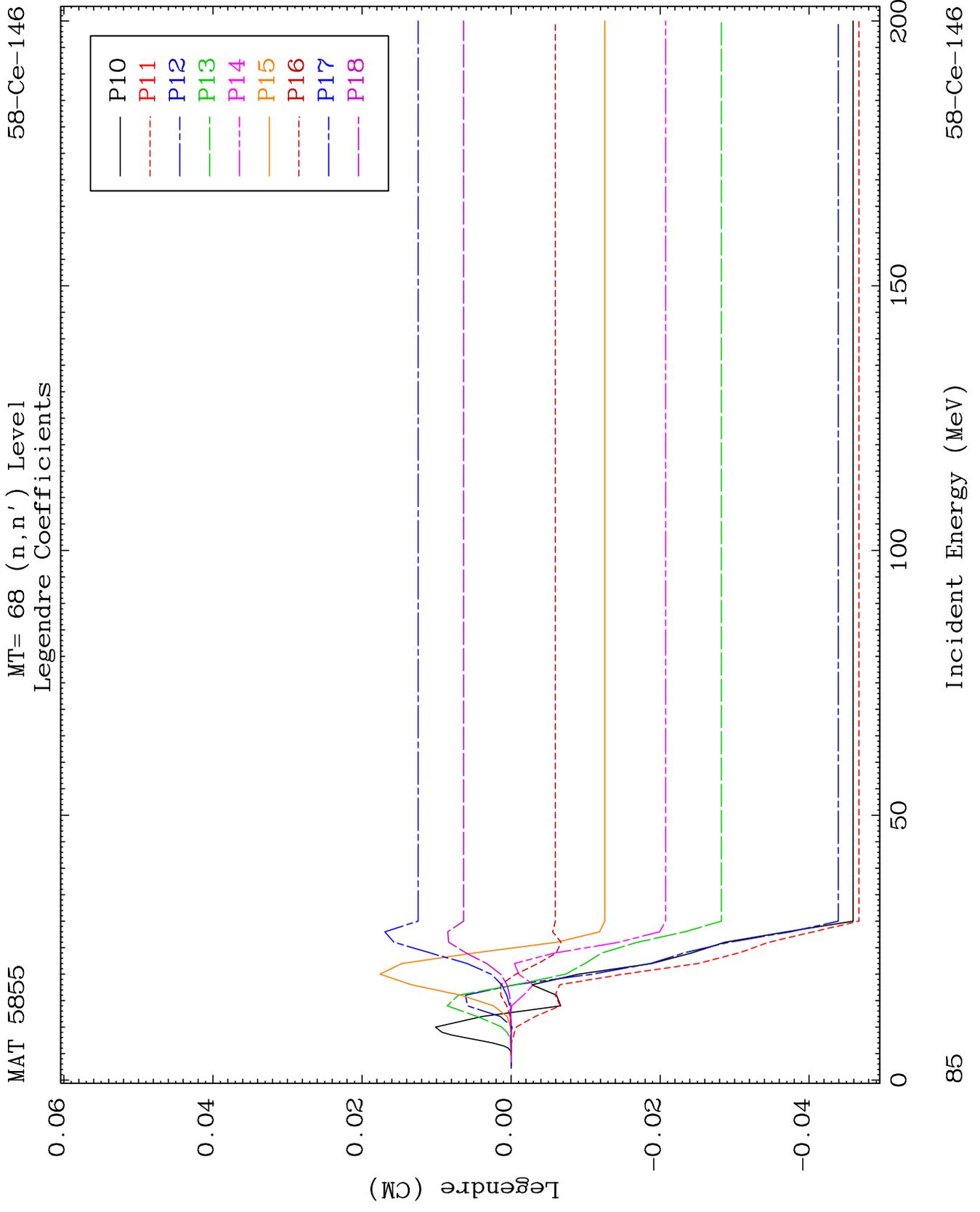


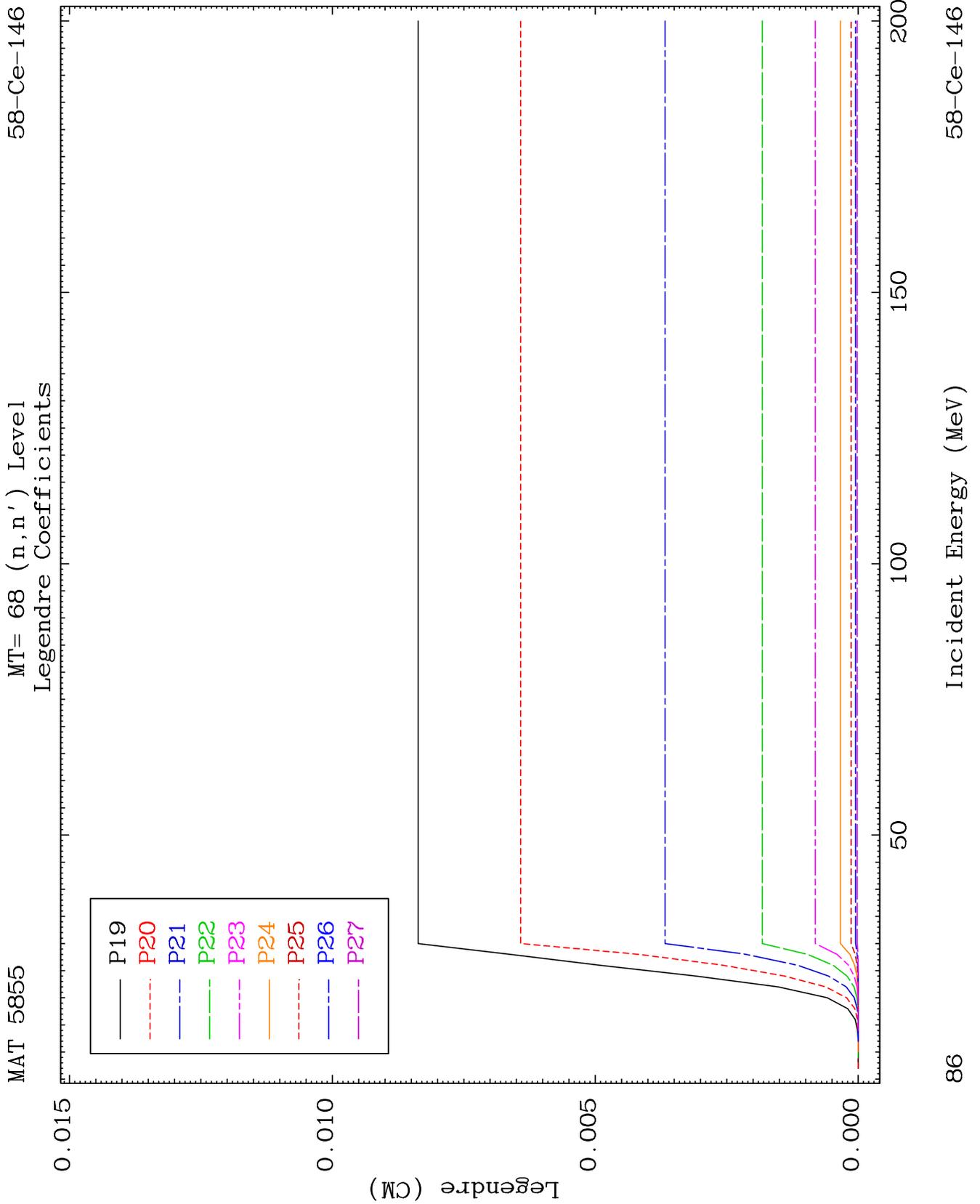
83

Incident Energy (MeV)

58-Ce-146



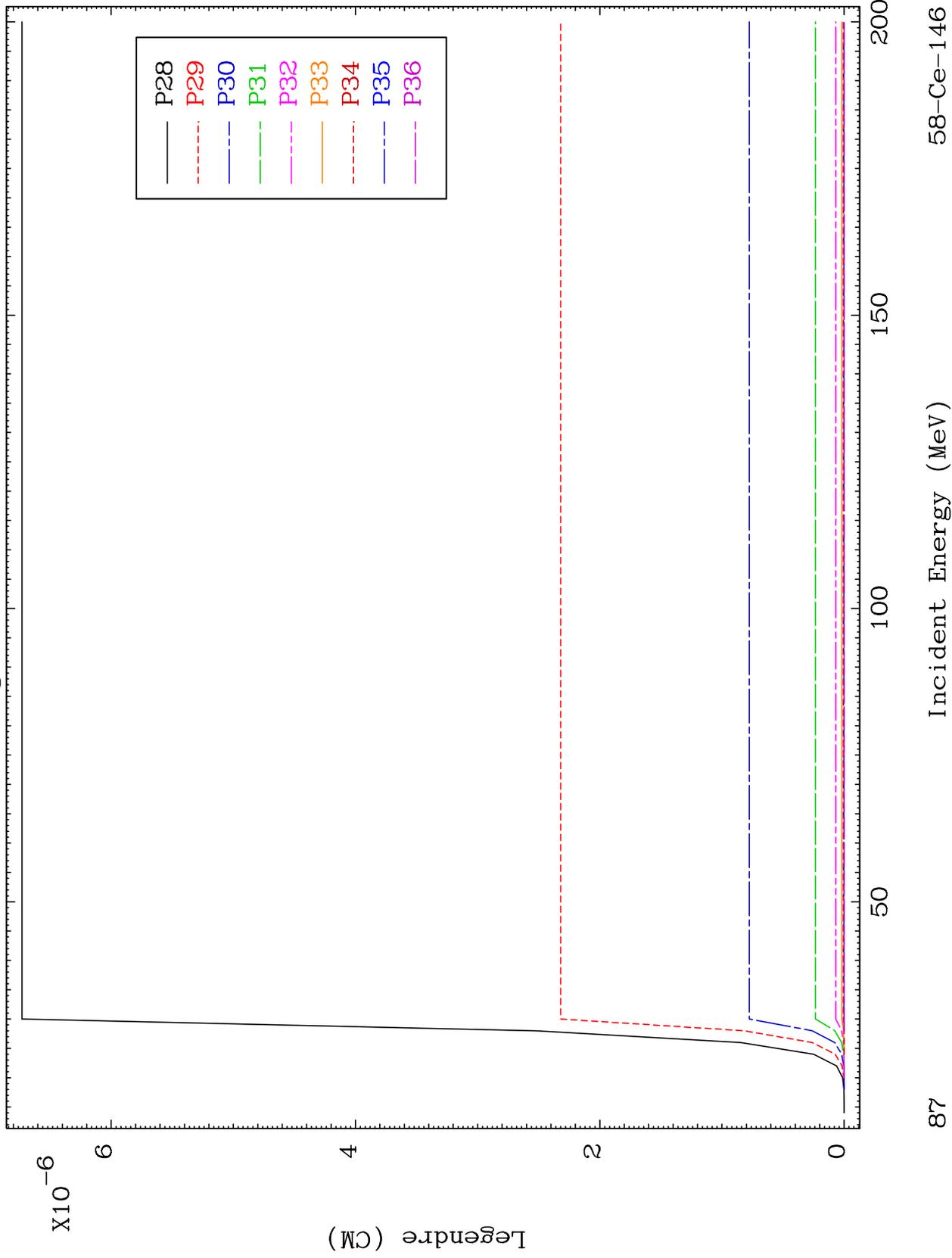


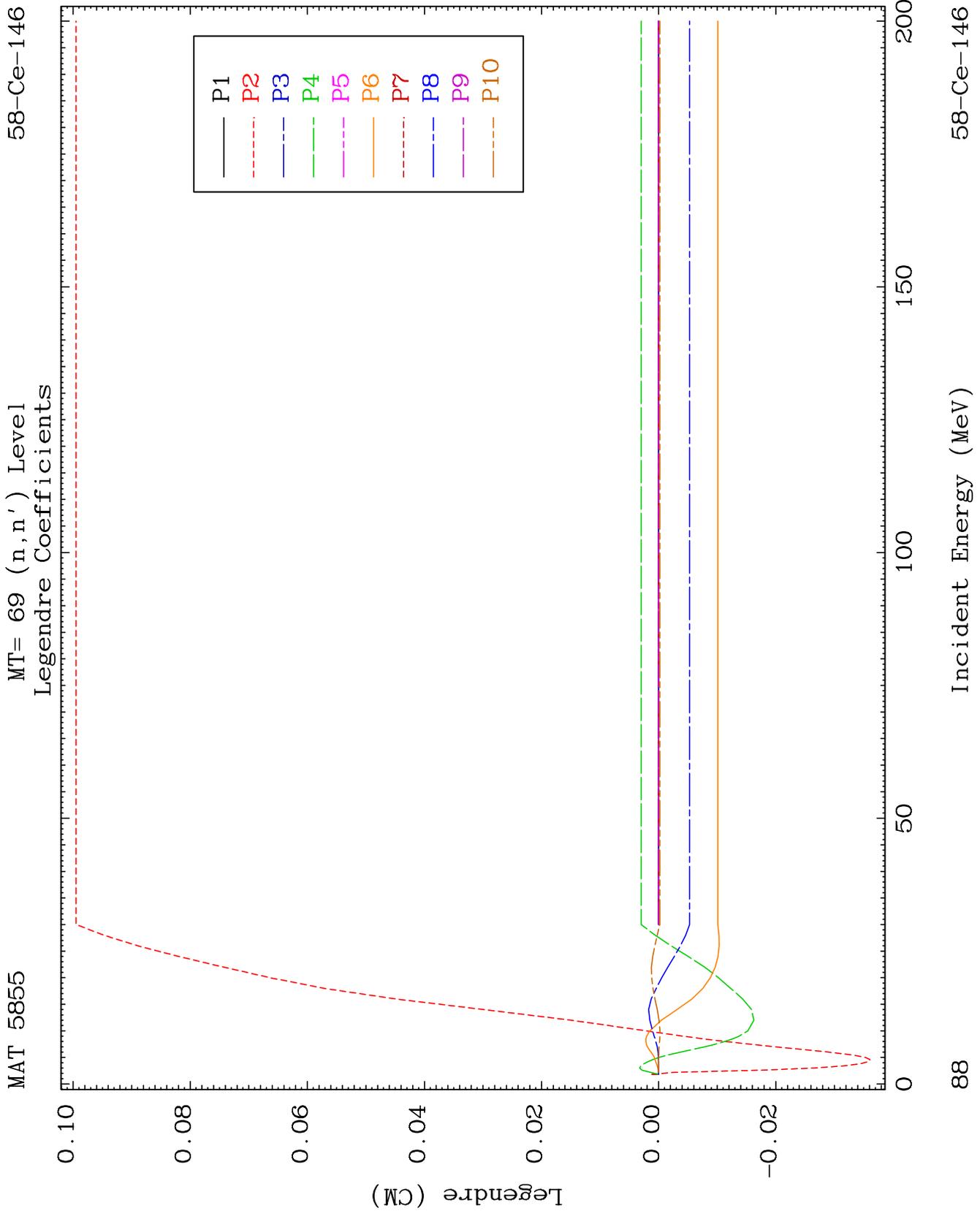


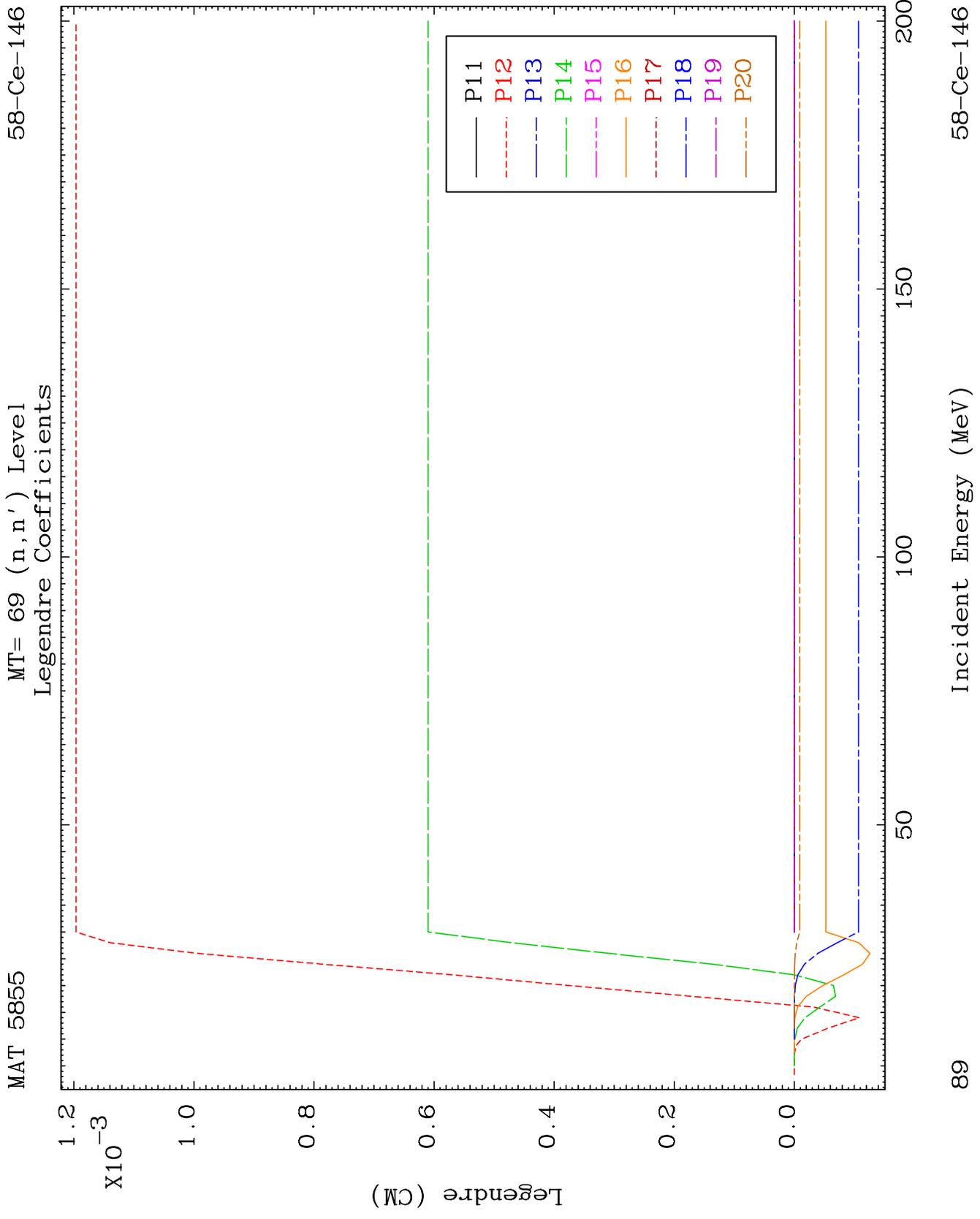
MAT 5855

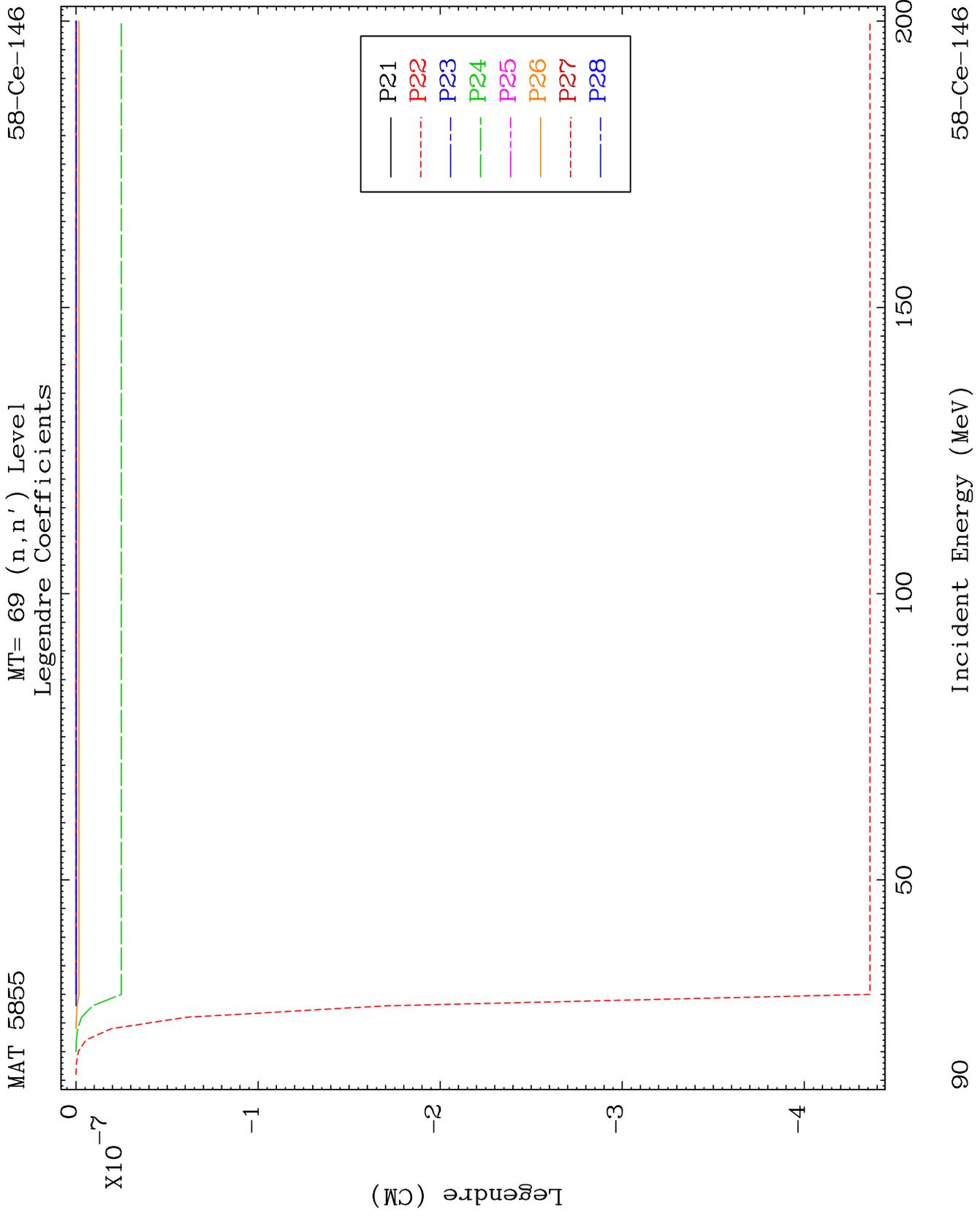
MT= 68 (n,n') Level  
Legendre Coefficients

58-Ce-146





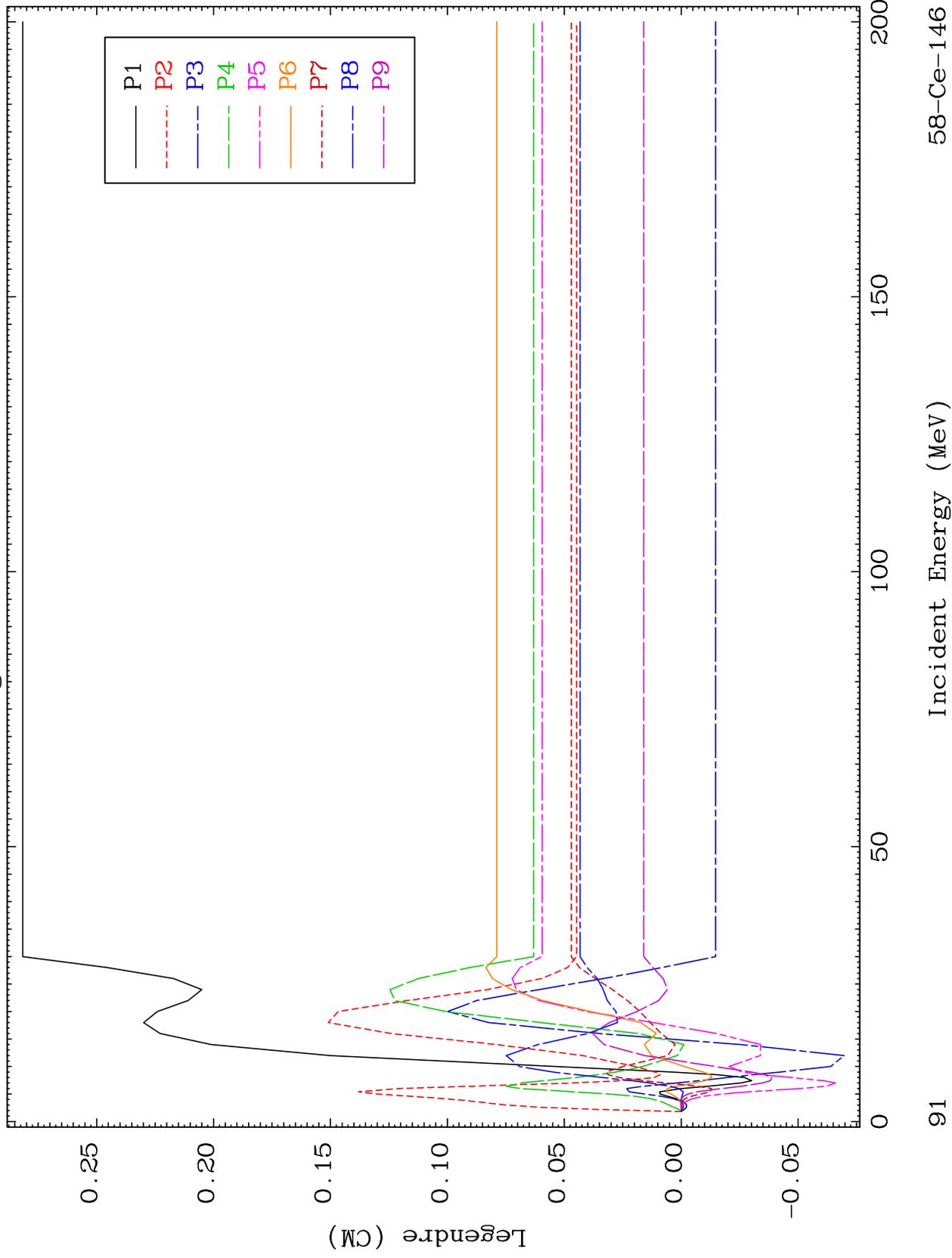




MAT 5855

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

58-Ce-146



58-Ce-146

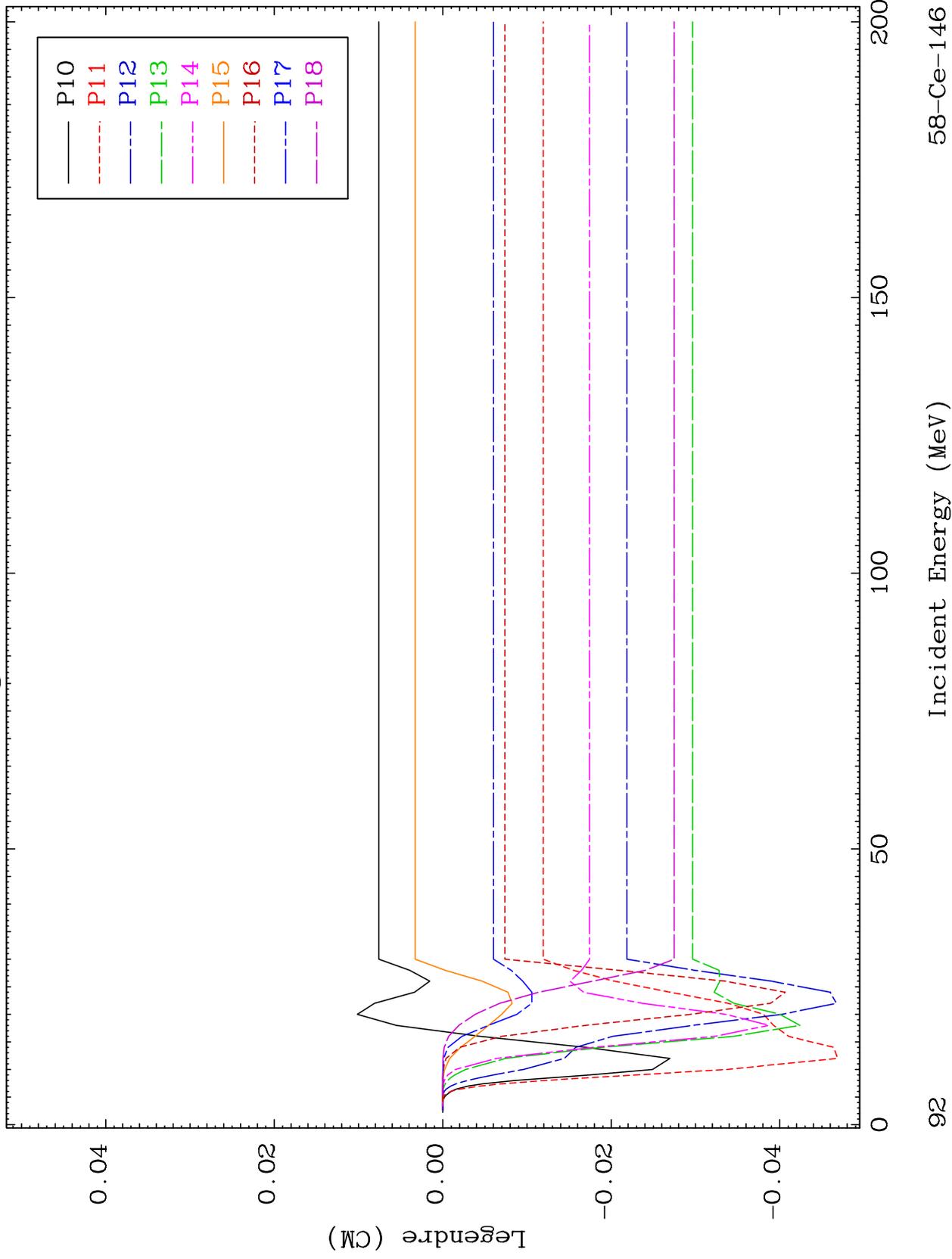
Incident Energy (MeV)

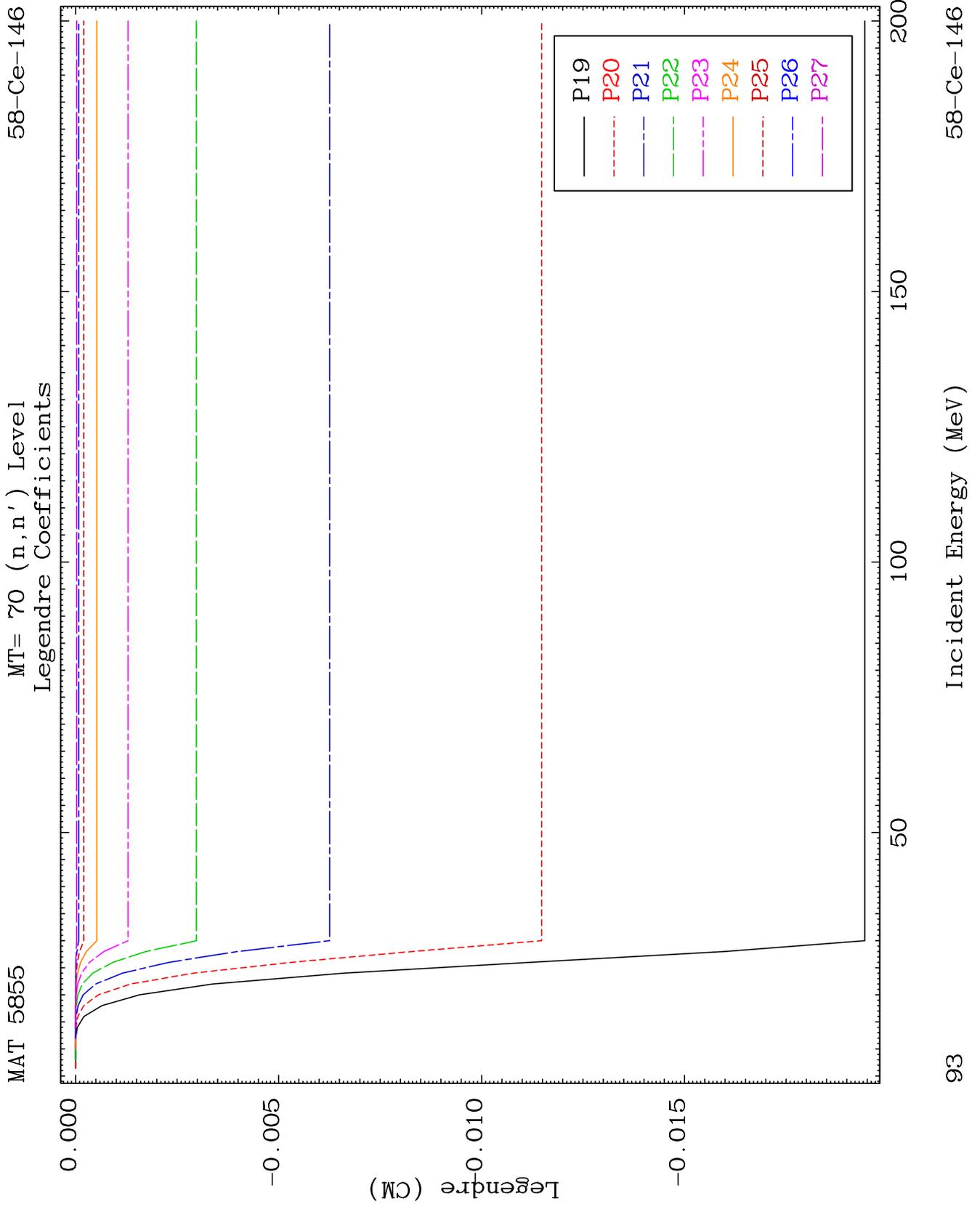
91

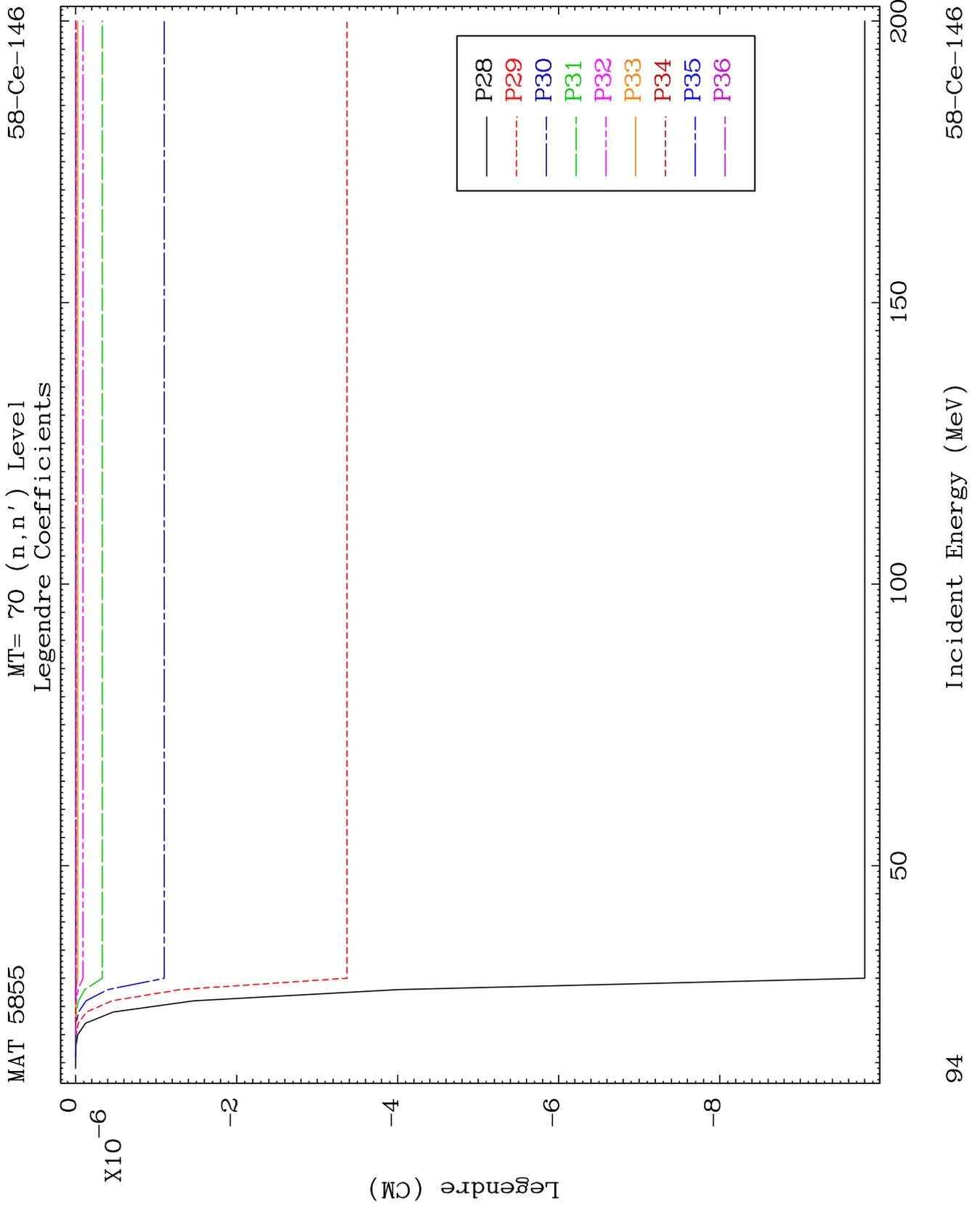
MAT 5855

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

58-Ce-146



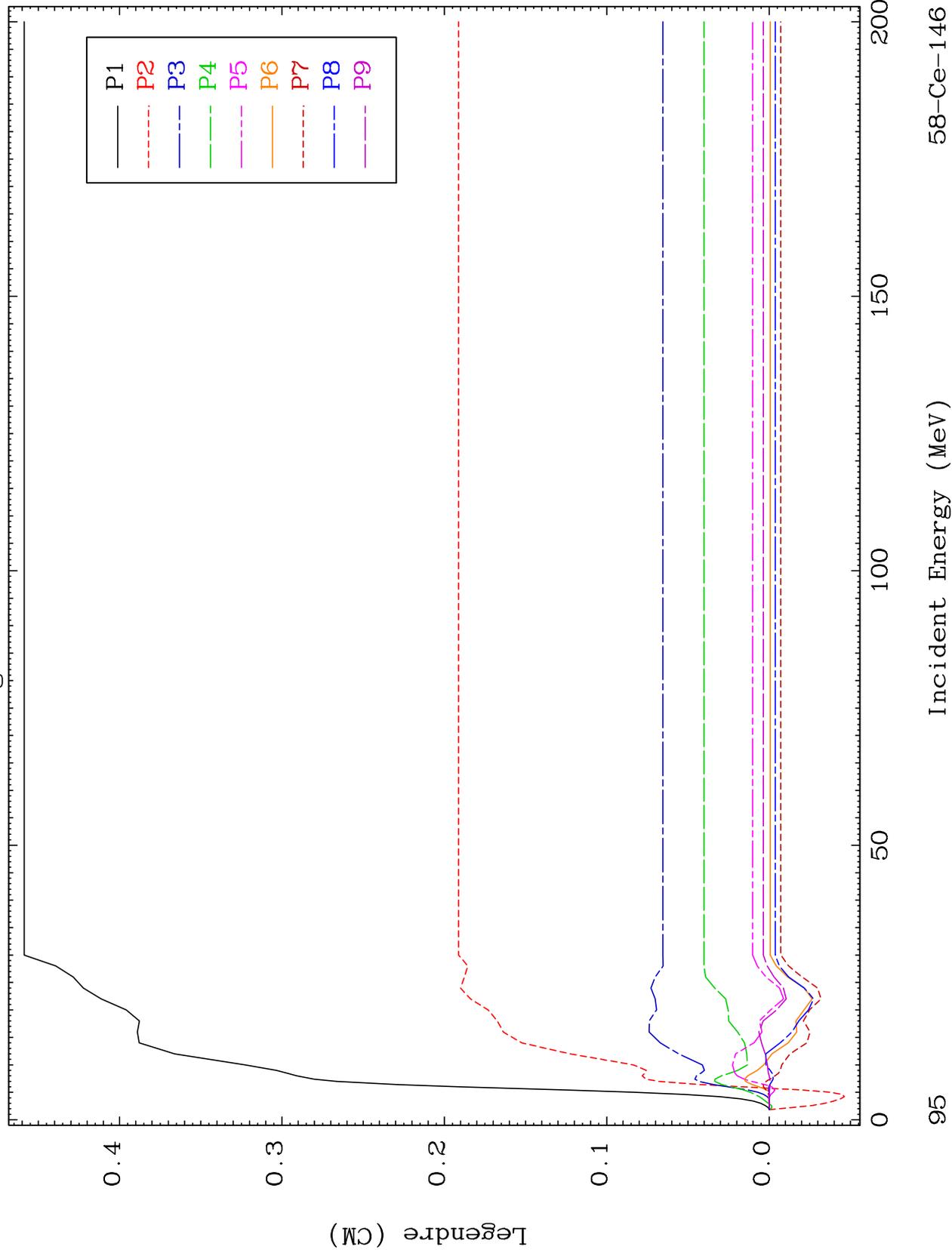




MAT 5855

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

58-Ce-146



58-Ce-146

Incident Energy (MeV)

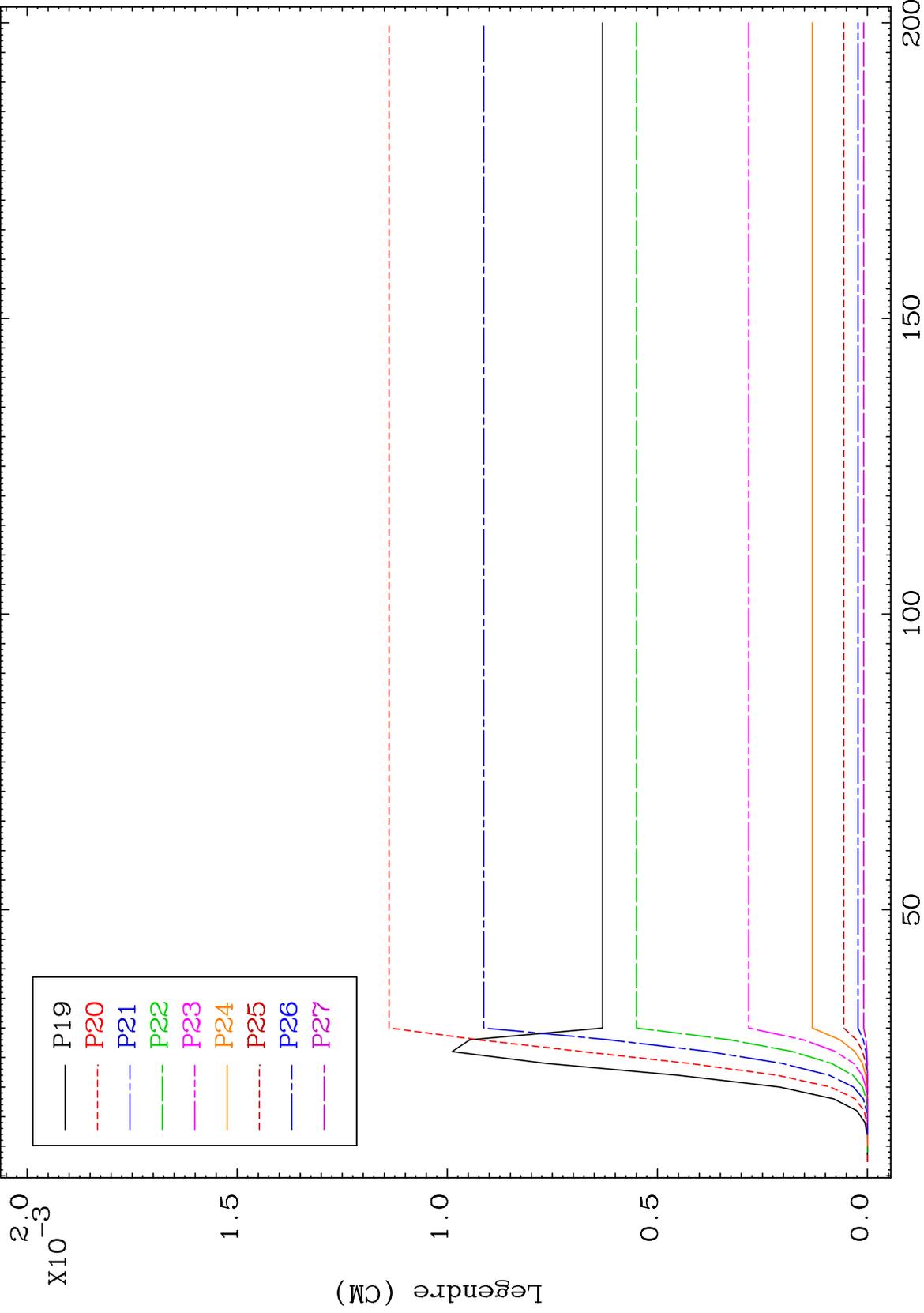
95



MAT 5855

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

58-Ce-146



97

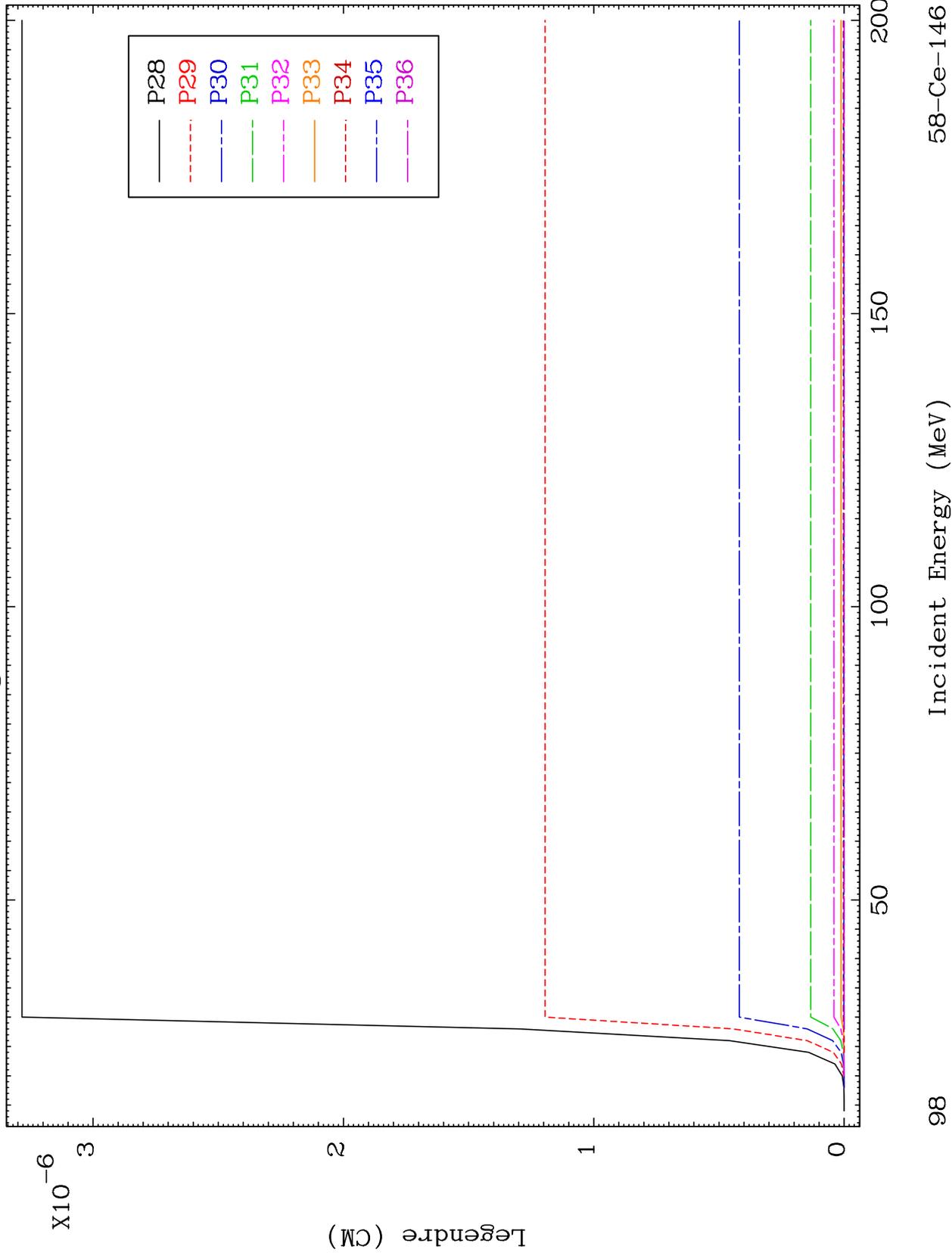
Incident Energy (MeV)

58-Ce-146

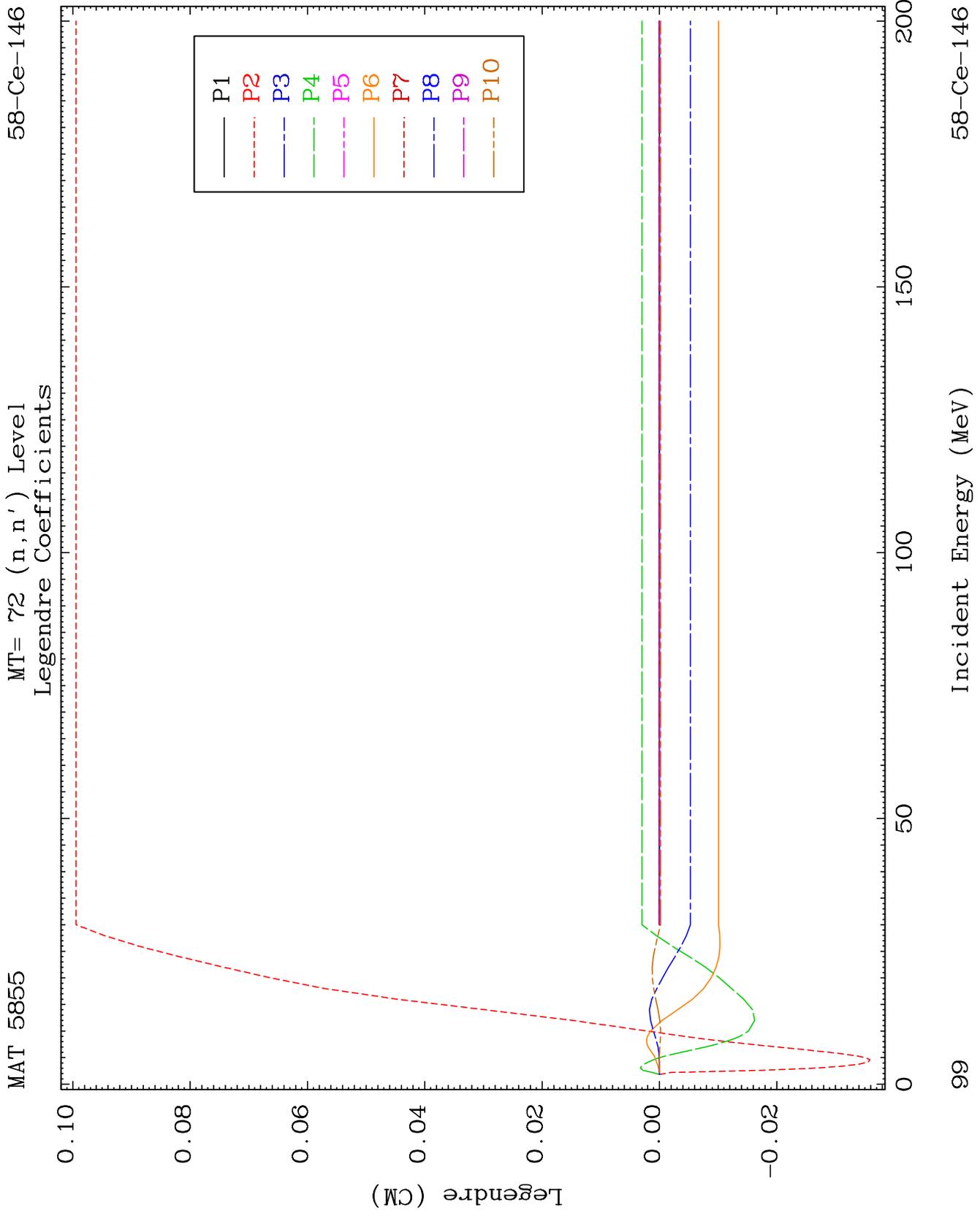
MAT 5855

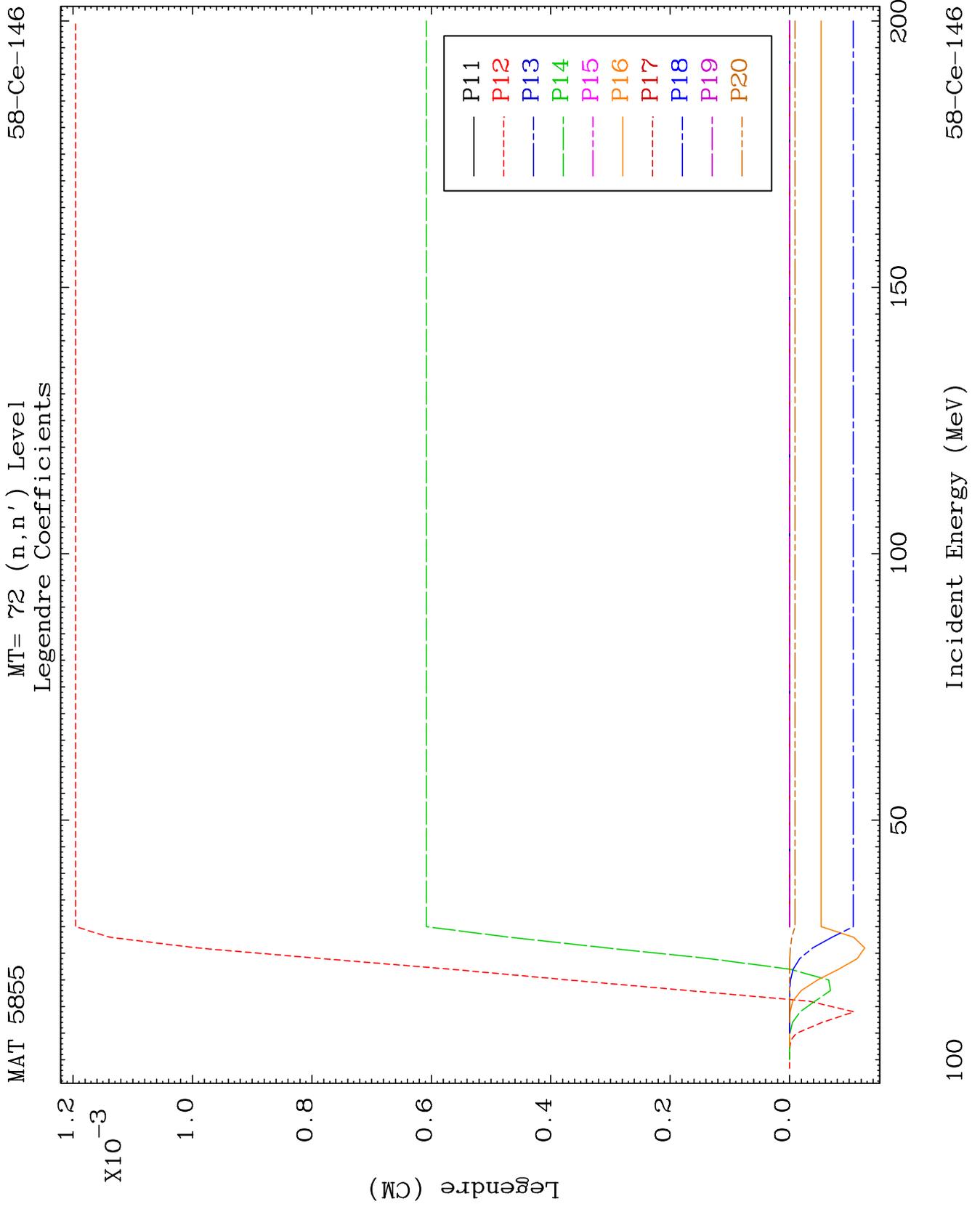
MT= 71 (n,n') Level  
Legendre Coefficients

58-Ce-146



98



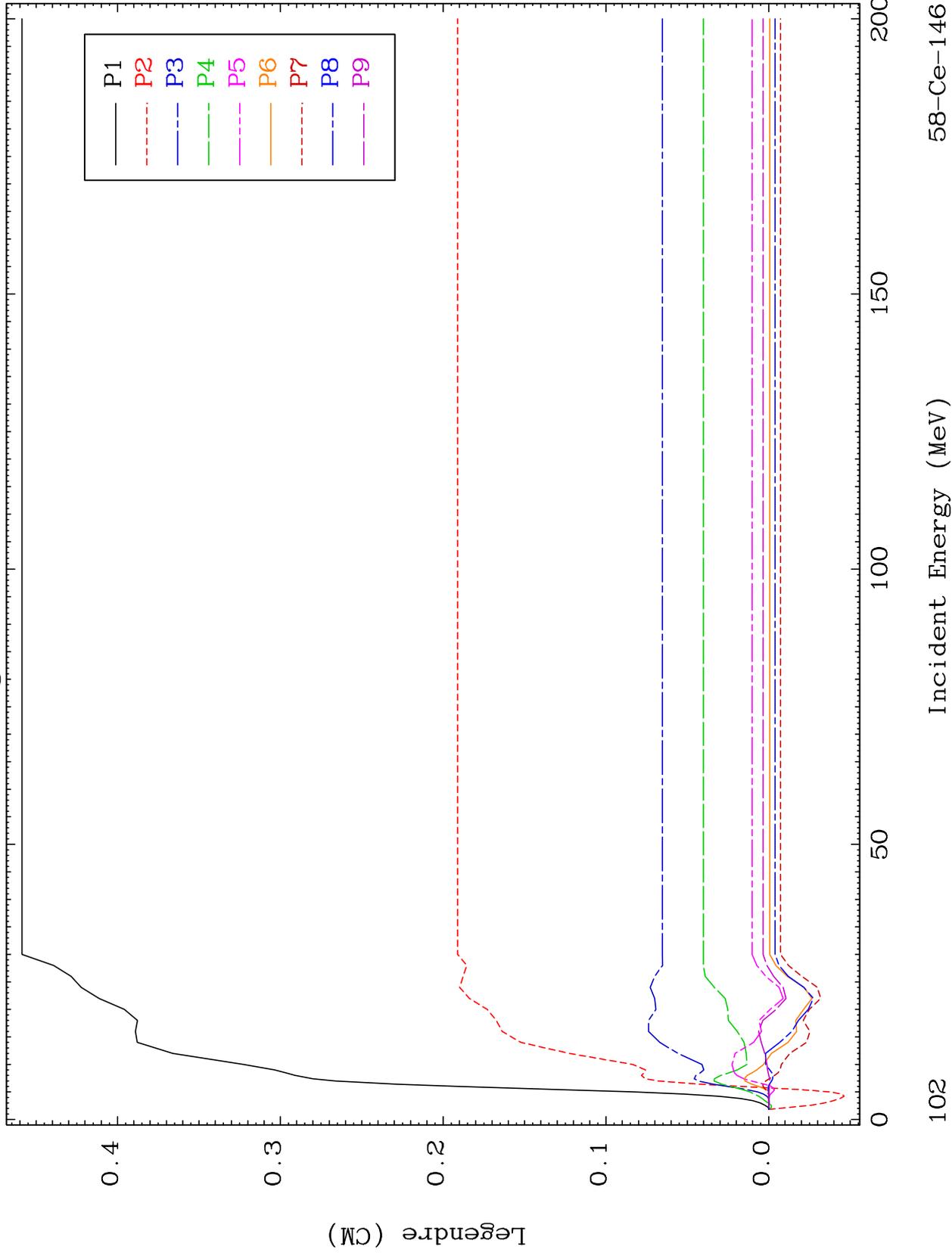




MAT 5855

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

58-Ce-146



58-Ce-146

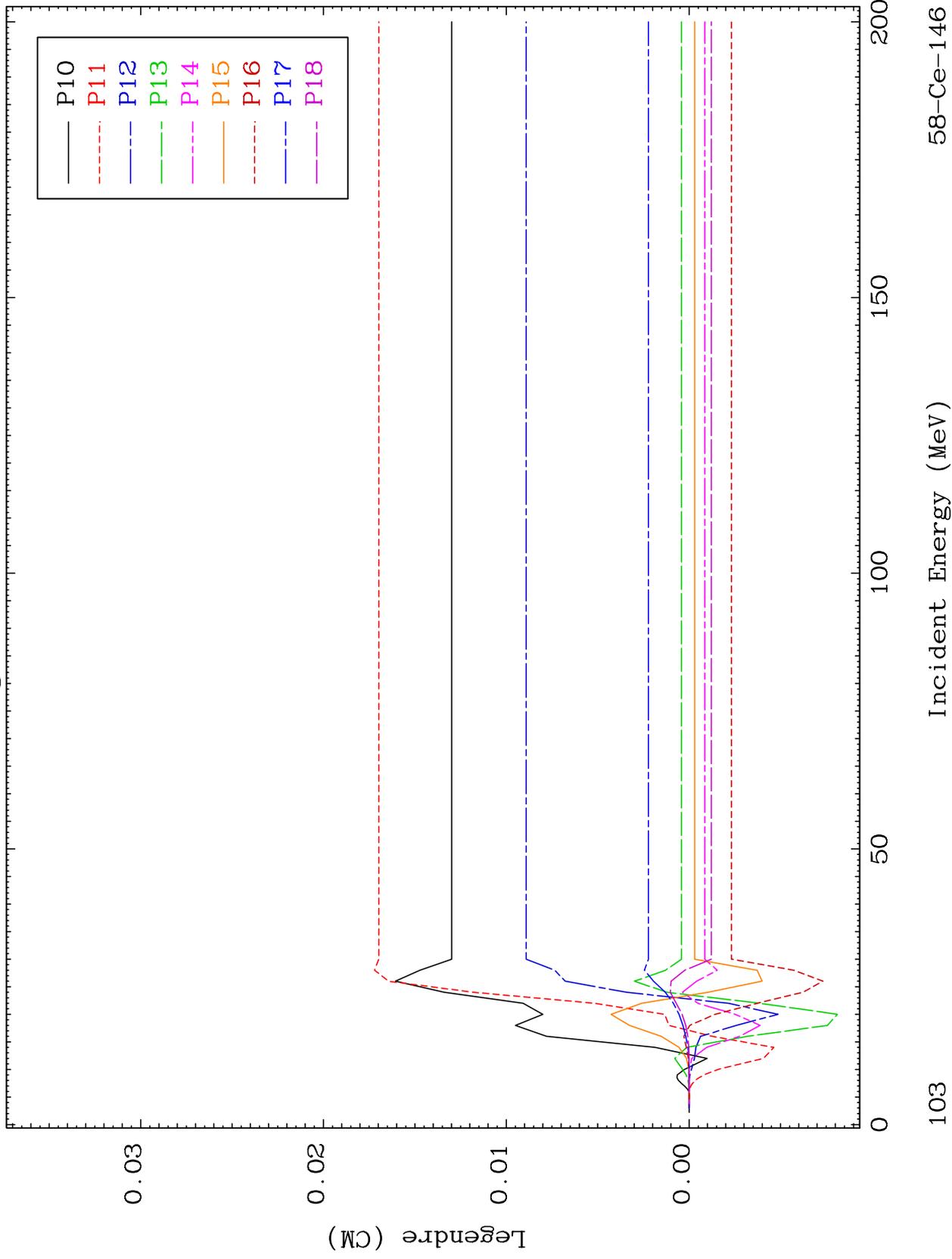
Incident Energy (MeV)

102

MAT 5855

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

58-Ce-146



58-Ce-146

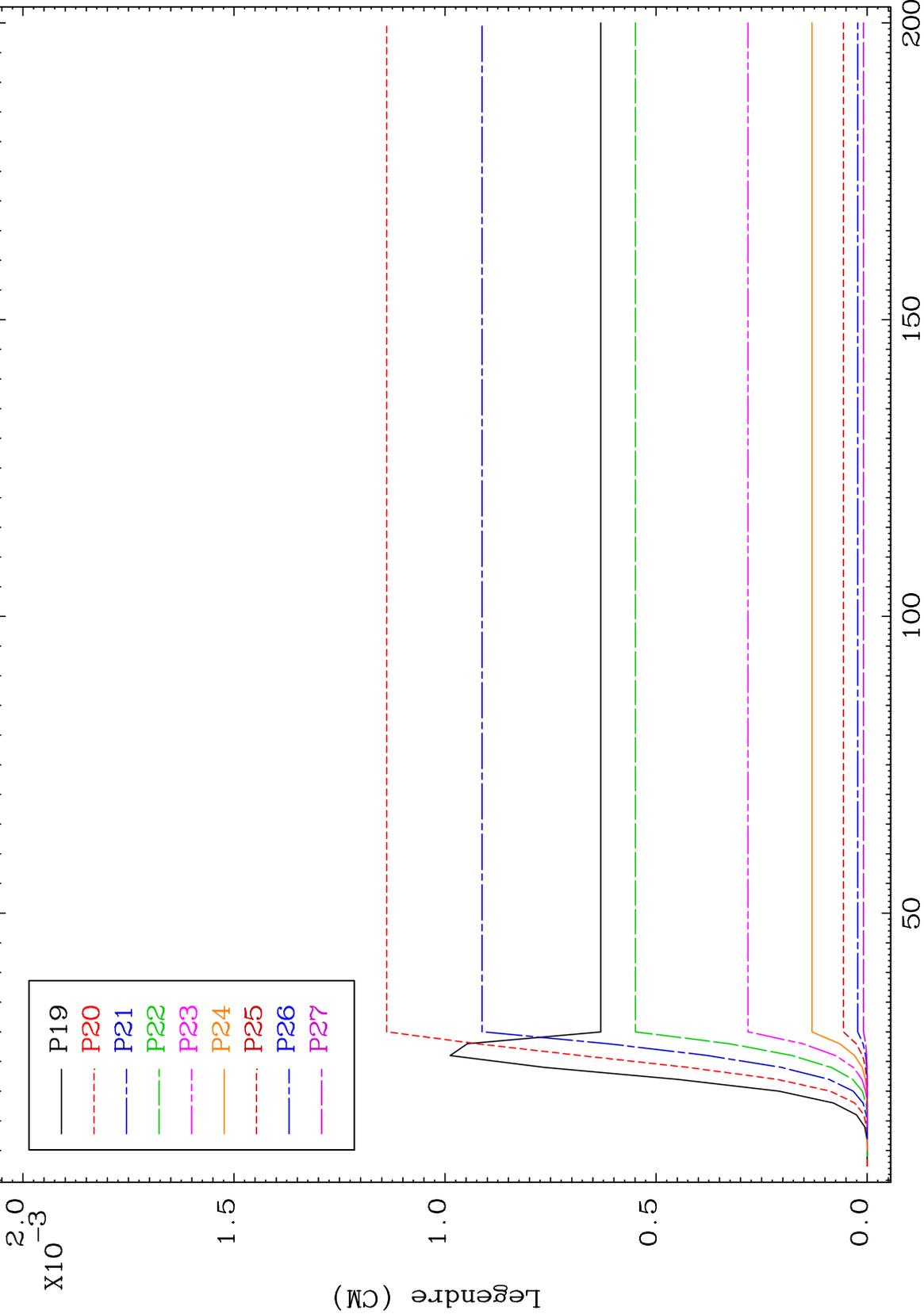
Incident Energy (MeV)

103

MAT 5855

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

58-Ce-146



104

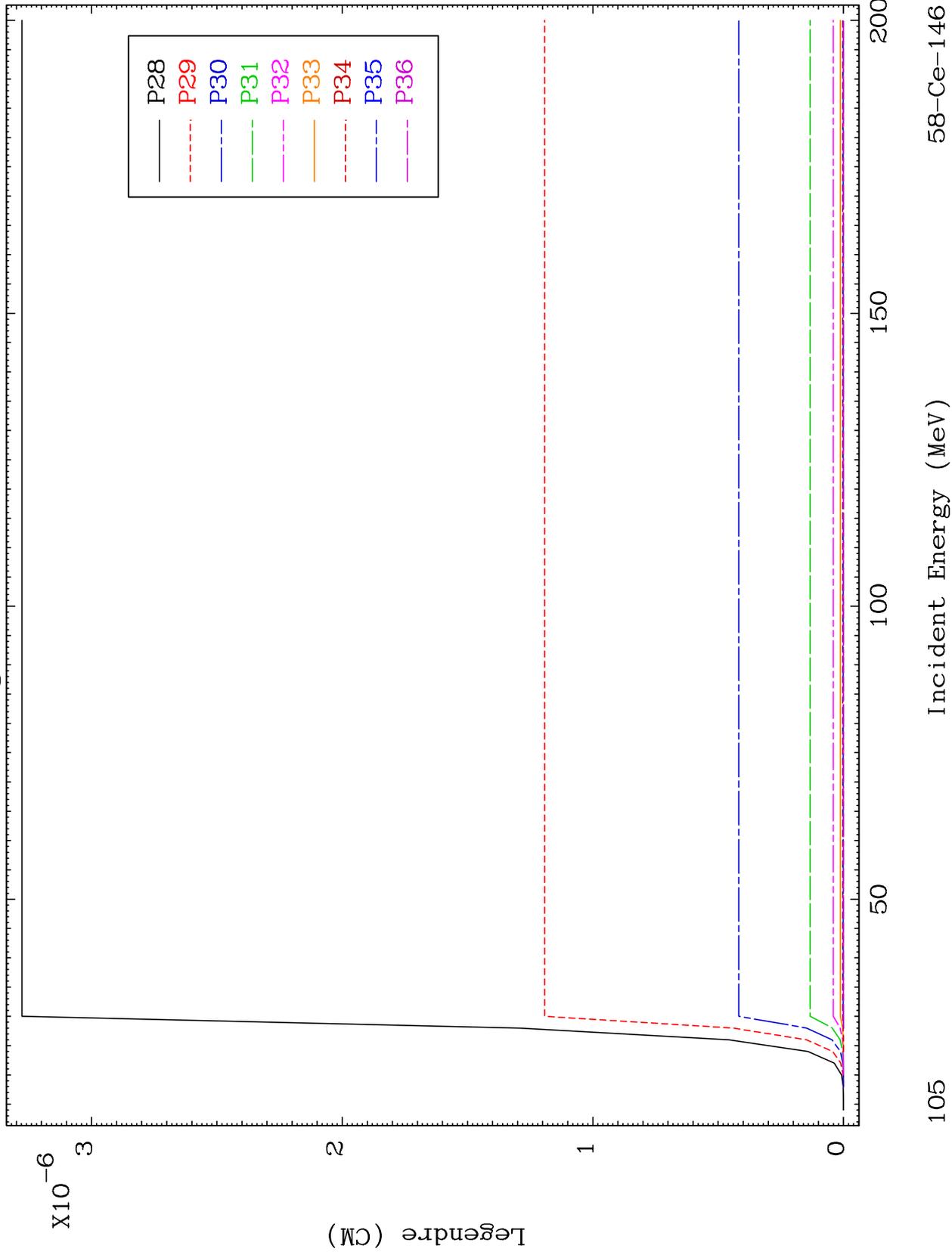
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

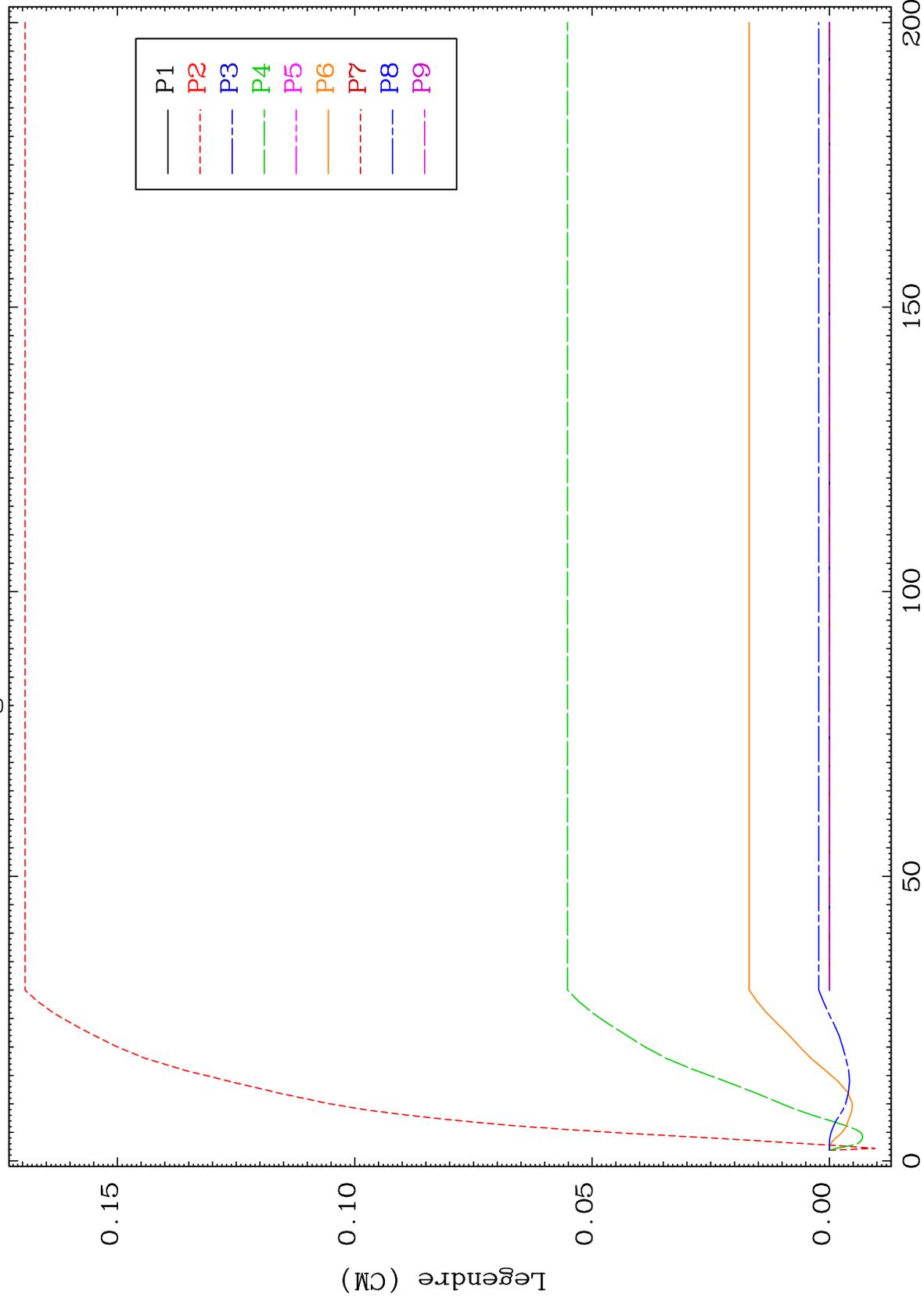
58-Ce-146



MAT 5855

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

58-Ce-146



58-Ce-146

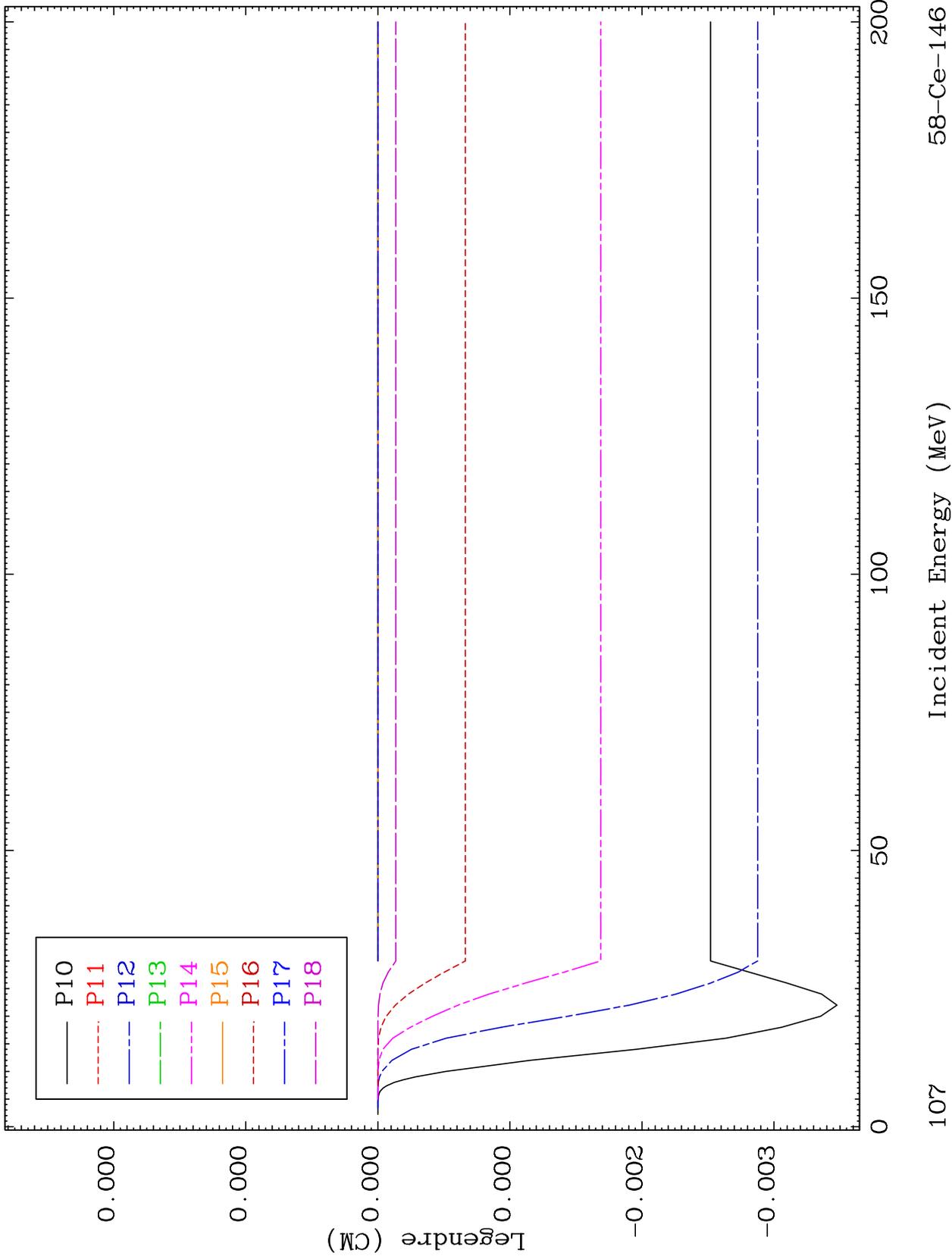
Incident Energy (MeV)

106

MAT 5855

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

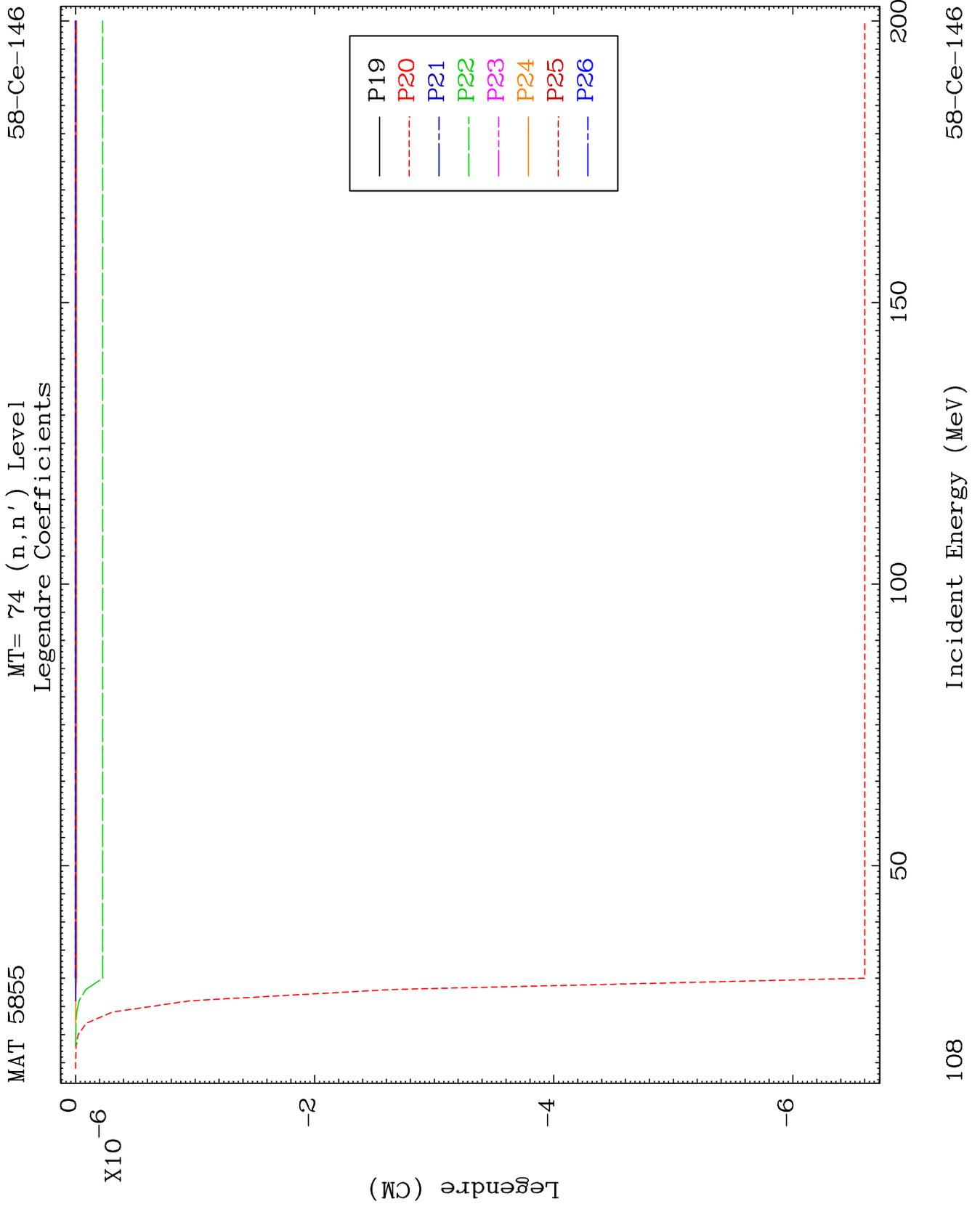
58-Ce-146



107

Incident Energy (MeV)

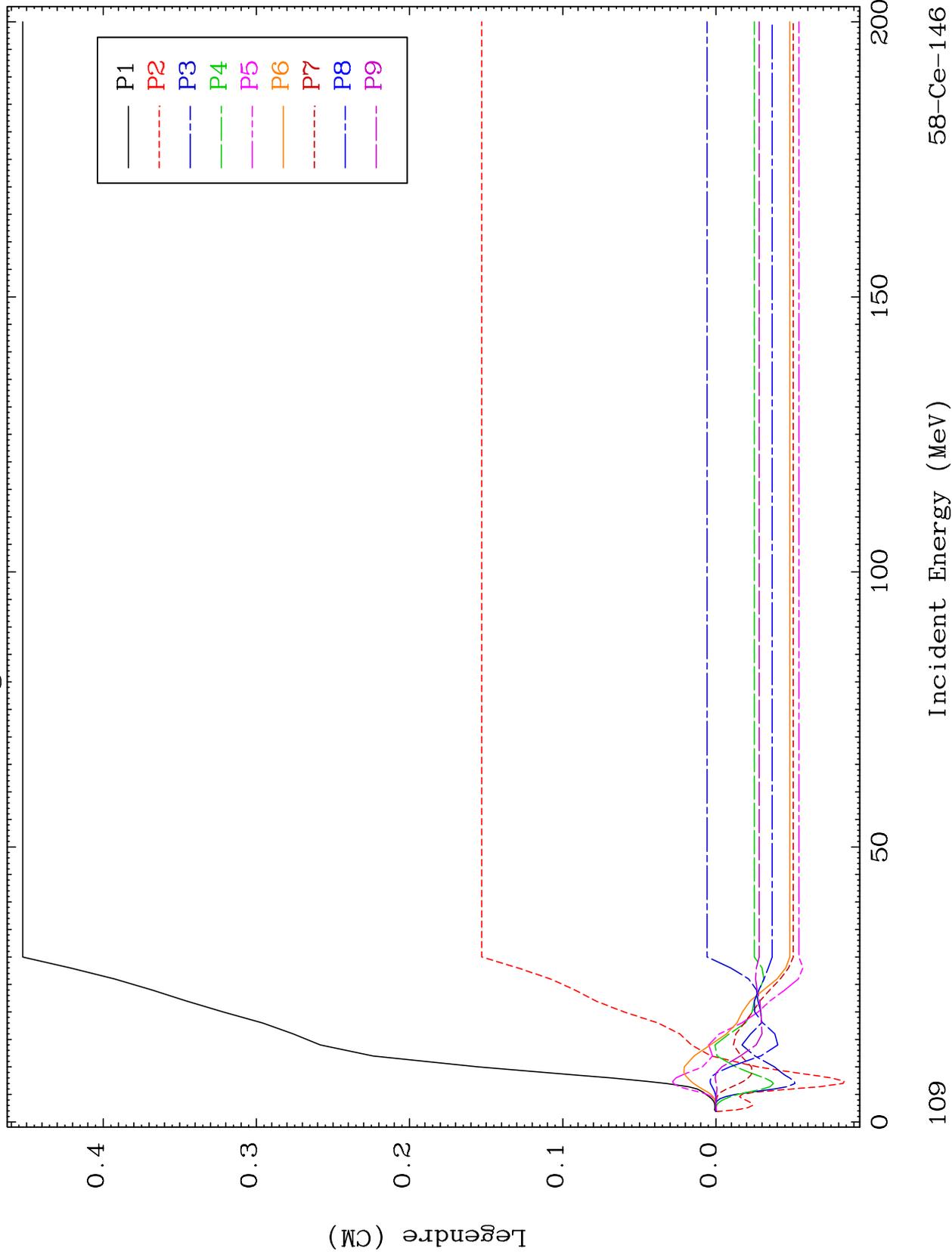
58-Ce-146



MAT 5855

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

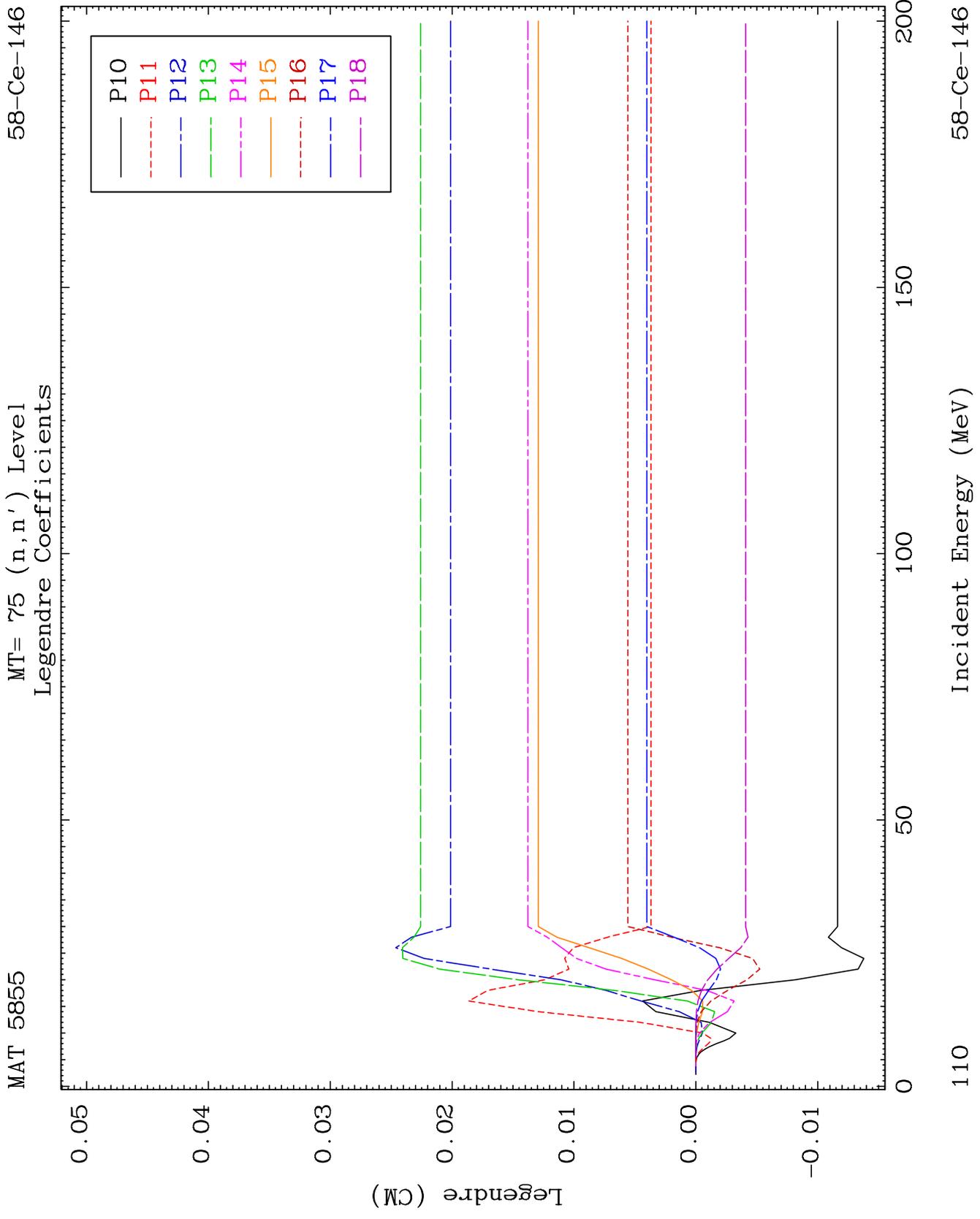
58-Ce-146



58-Ce-146

Incident Energy (MeV)

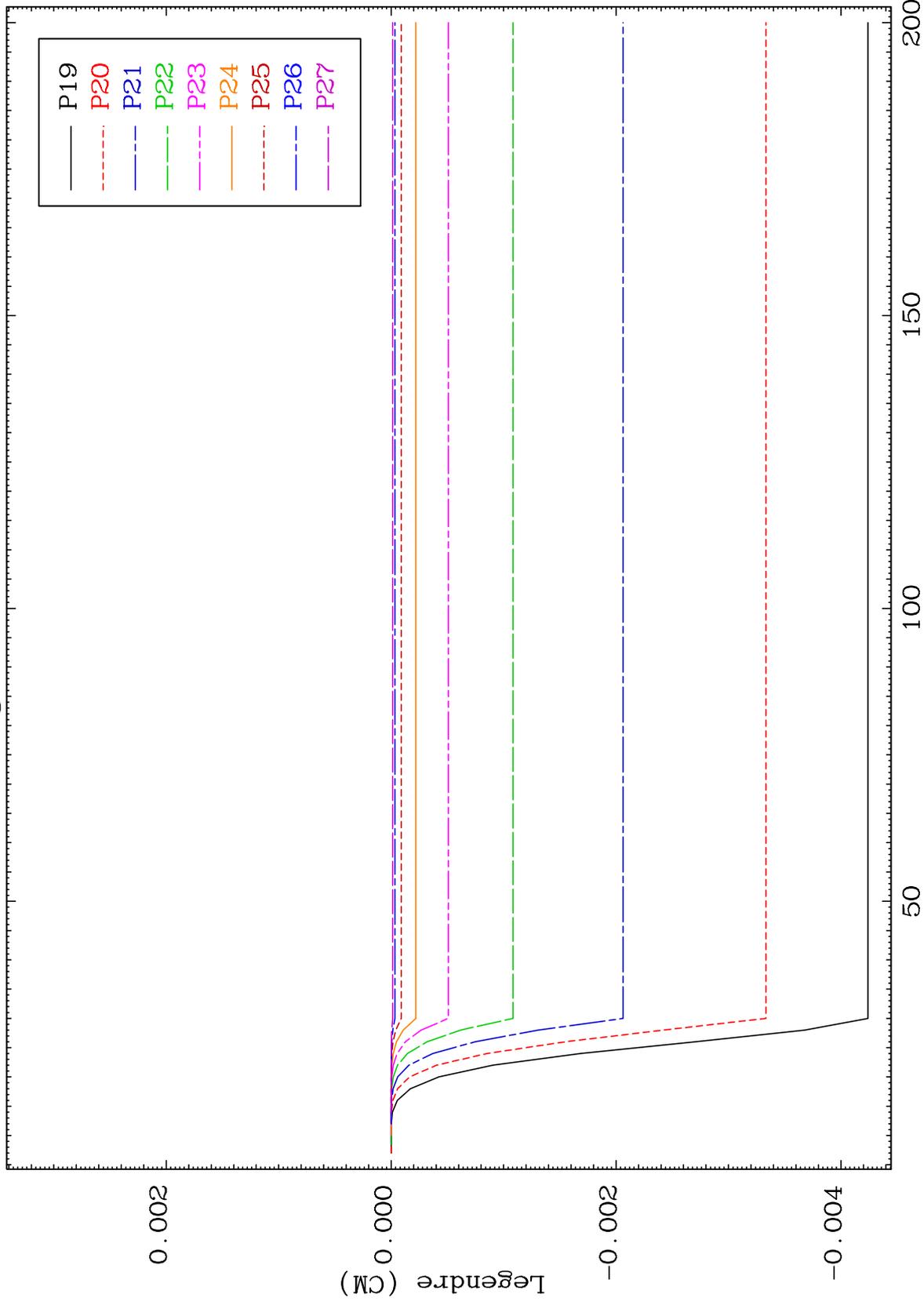
109



MAT 5855

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

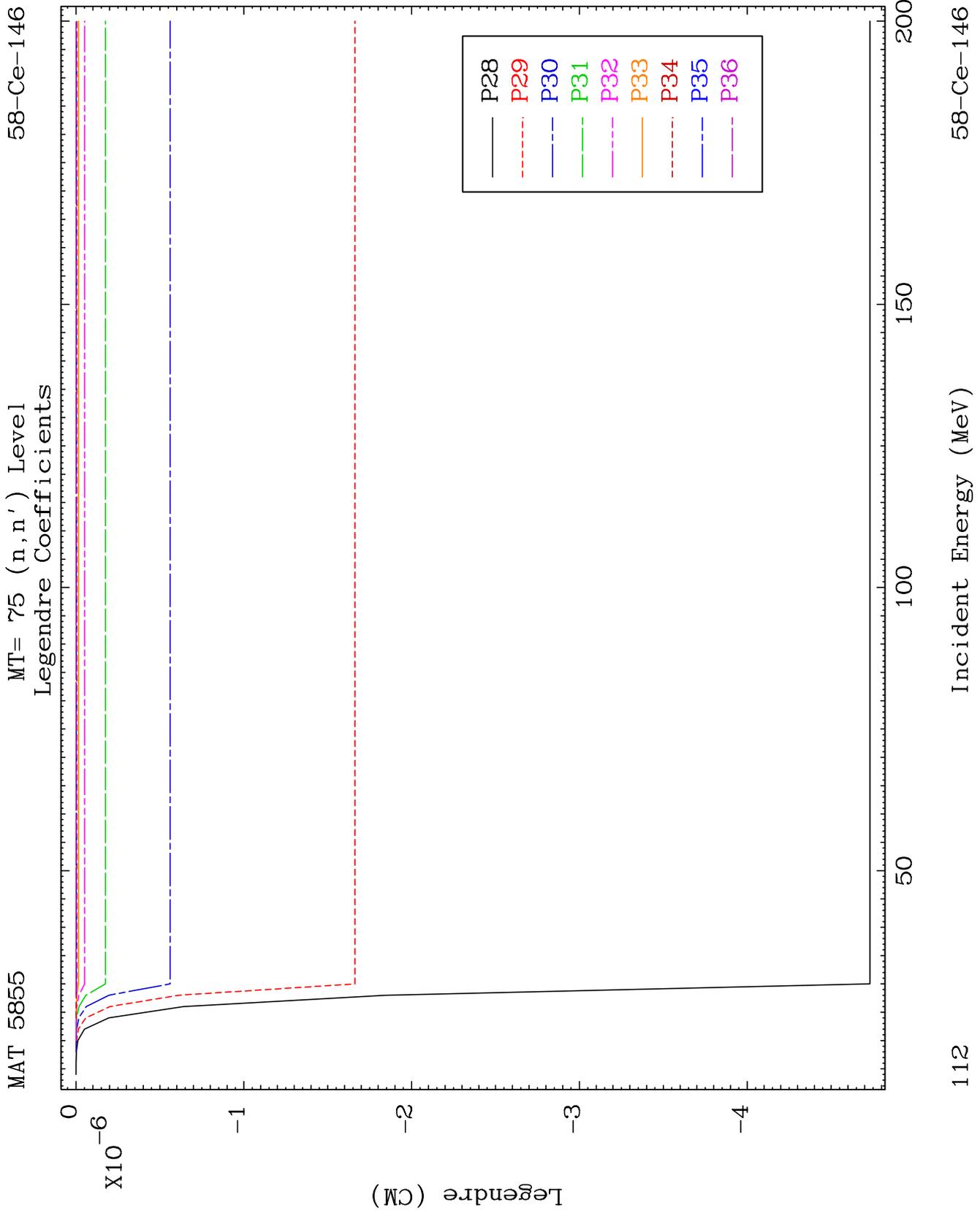
58-Ce-146



111

Incident Energy (MeV)

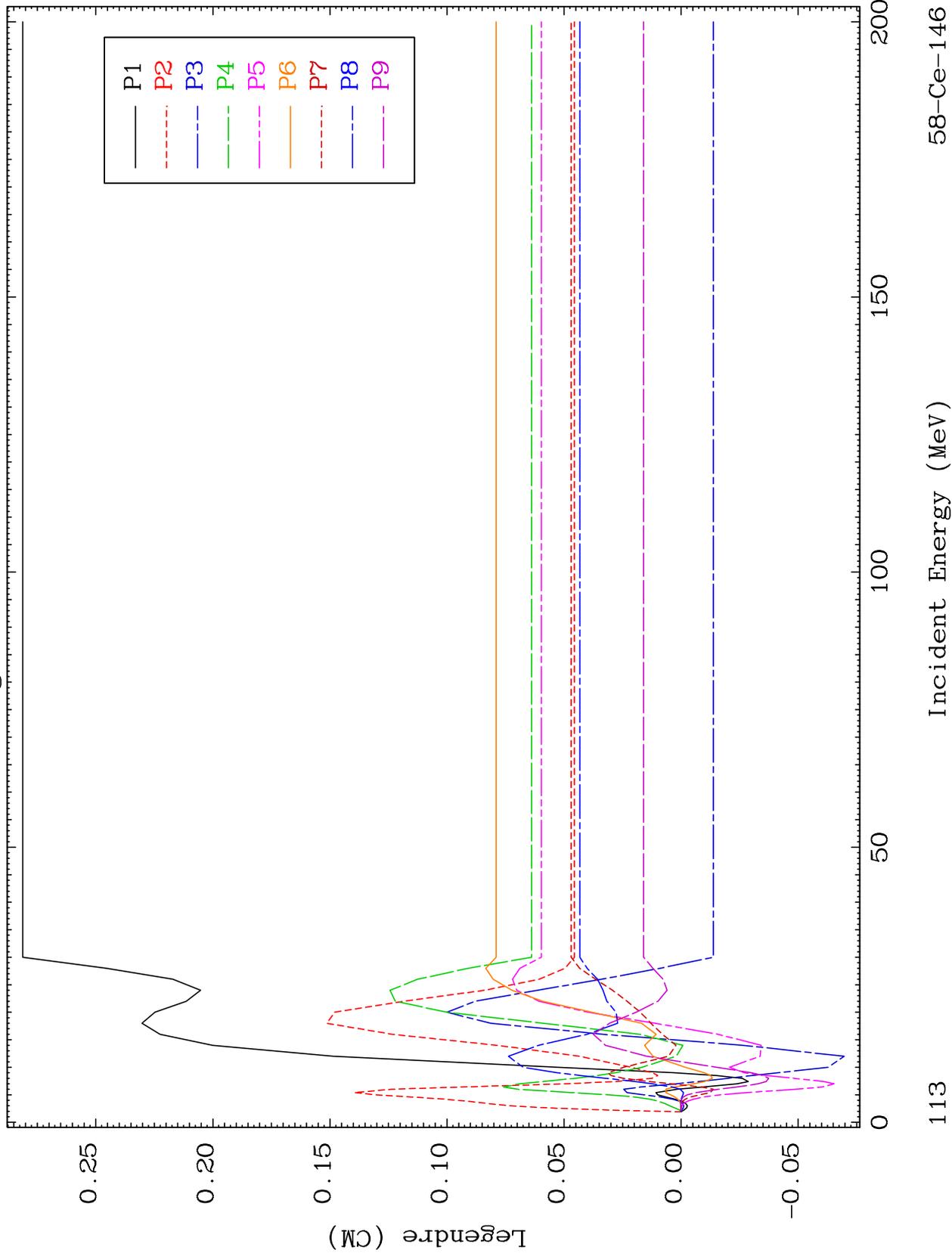
58-Ce-146



MAT 5855

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

58-Ce-146



58-Ce-146

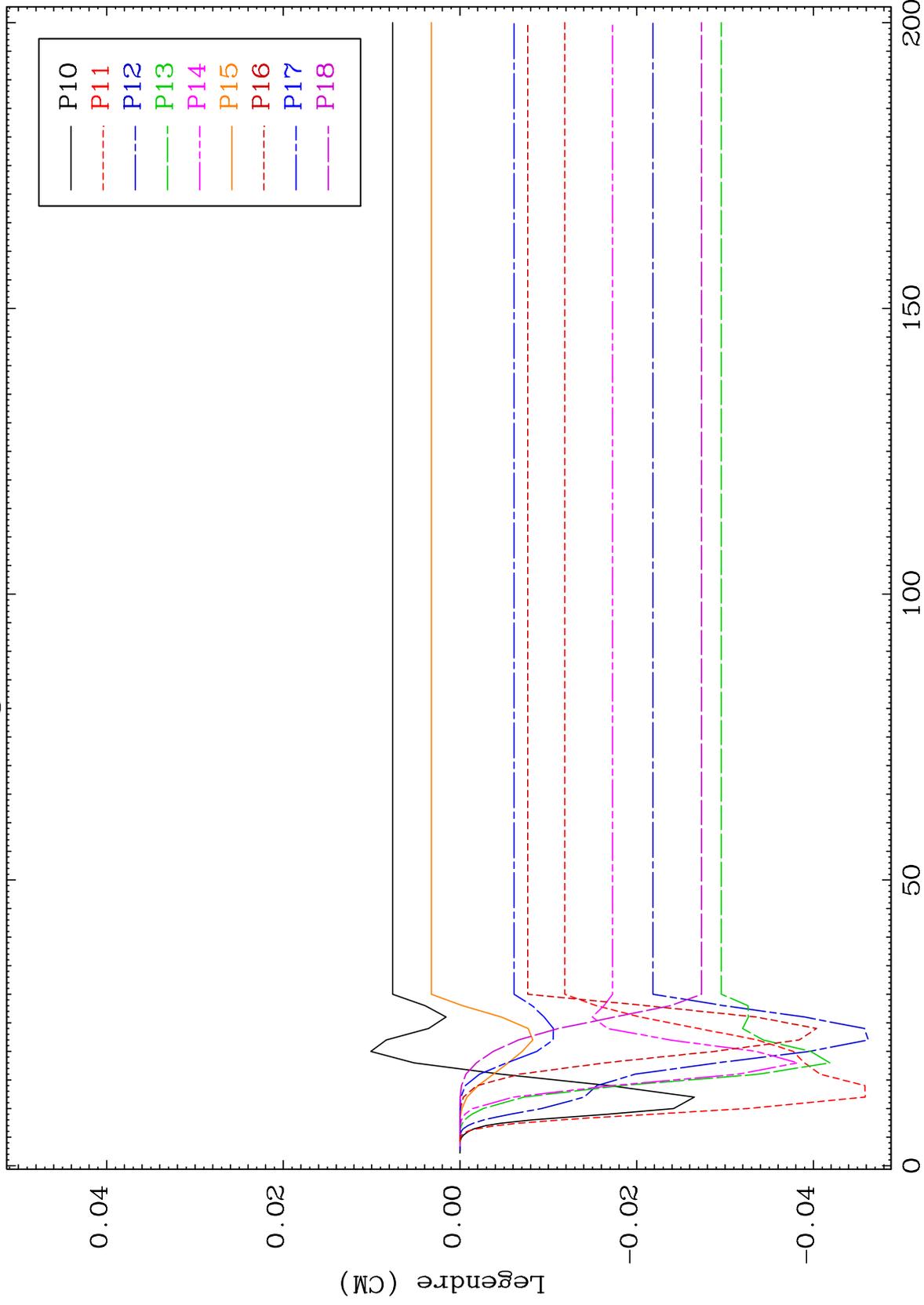
Incident Energy (MeV)

113

MAT 5855

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

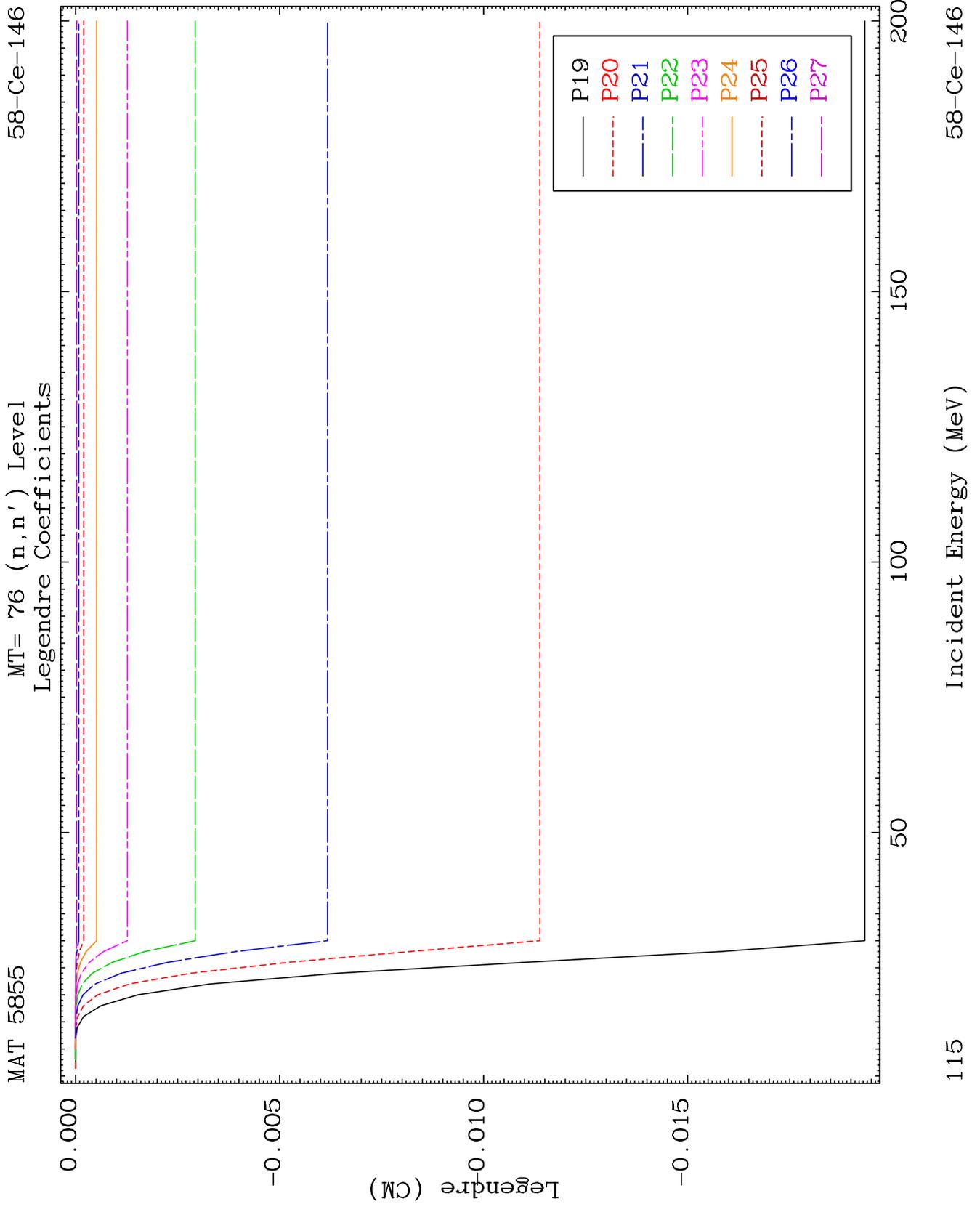
58-Ce-146

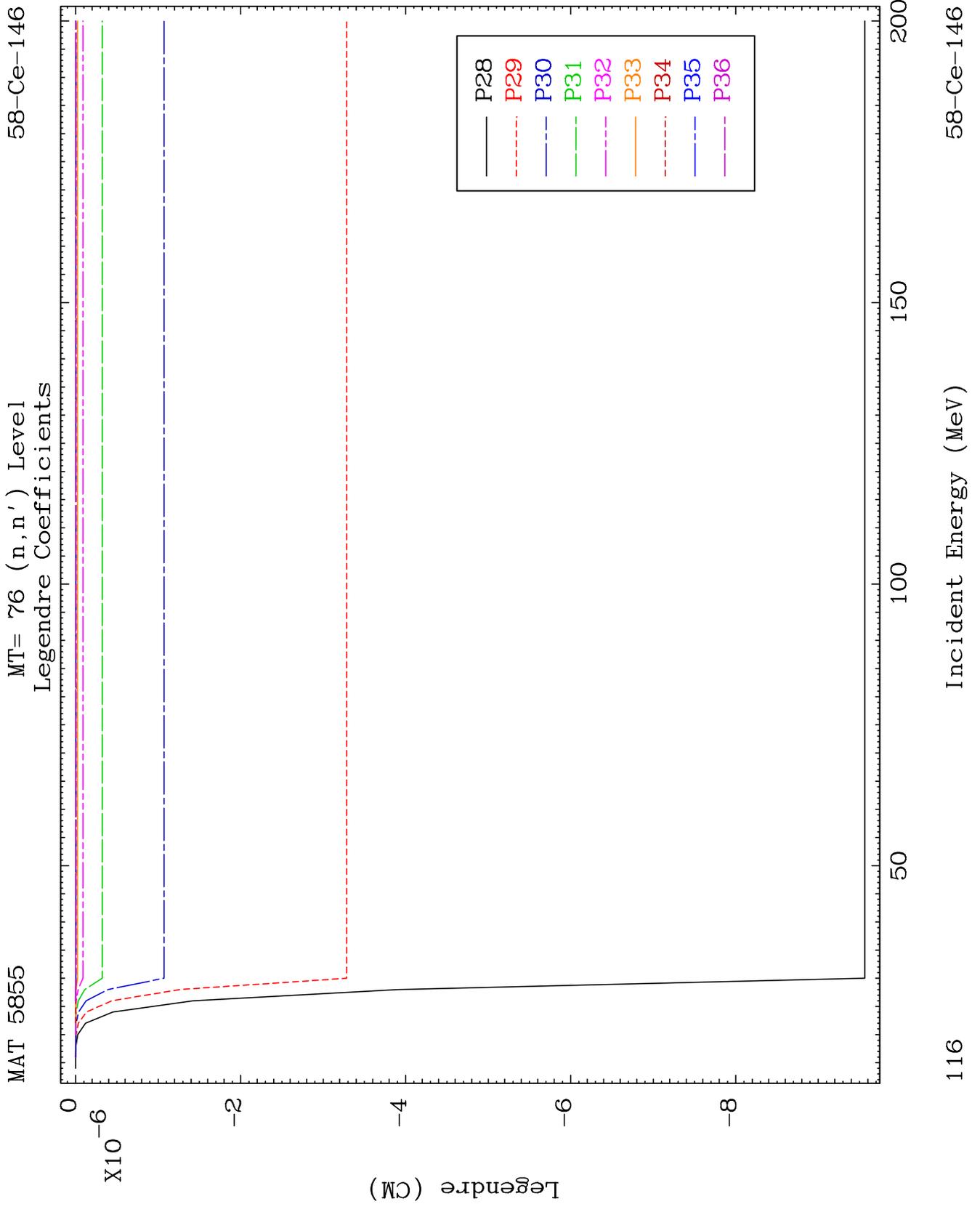


114

Incident Energy (MeV)

58-Ce-146

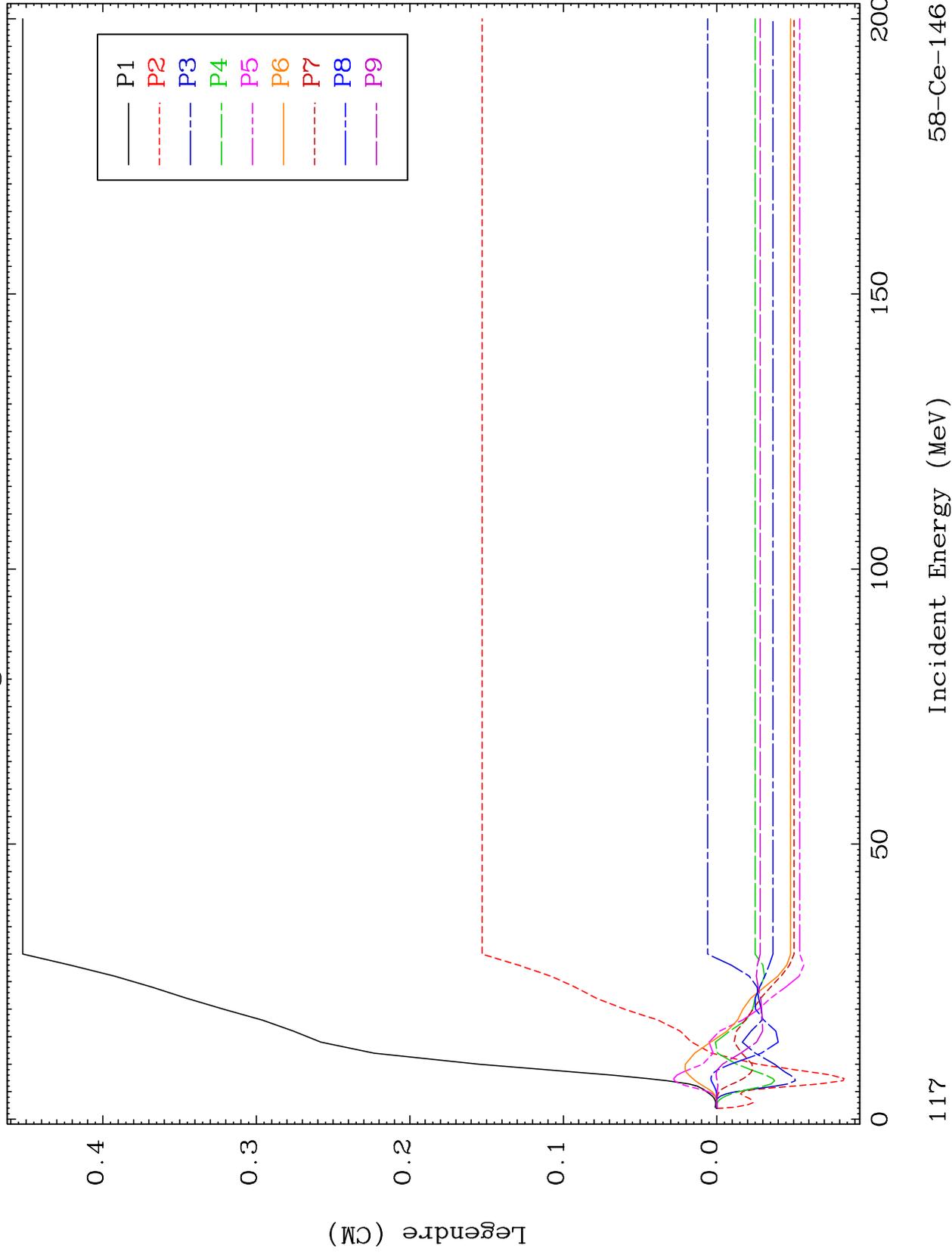




MAT 5855

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

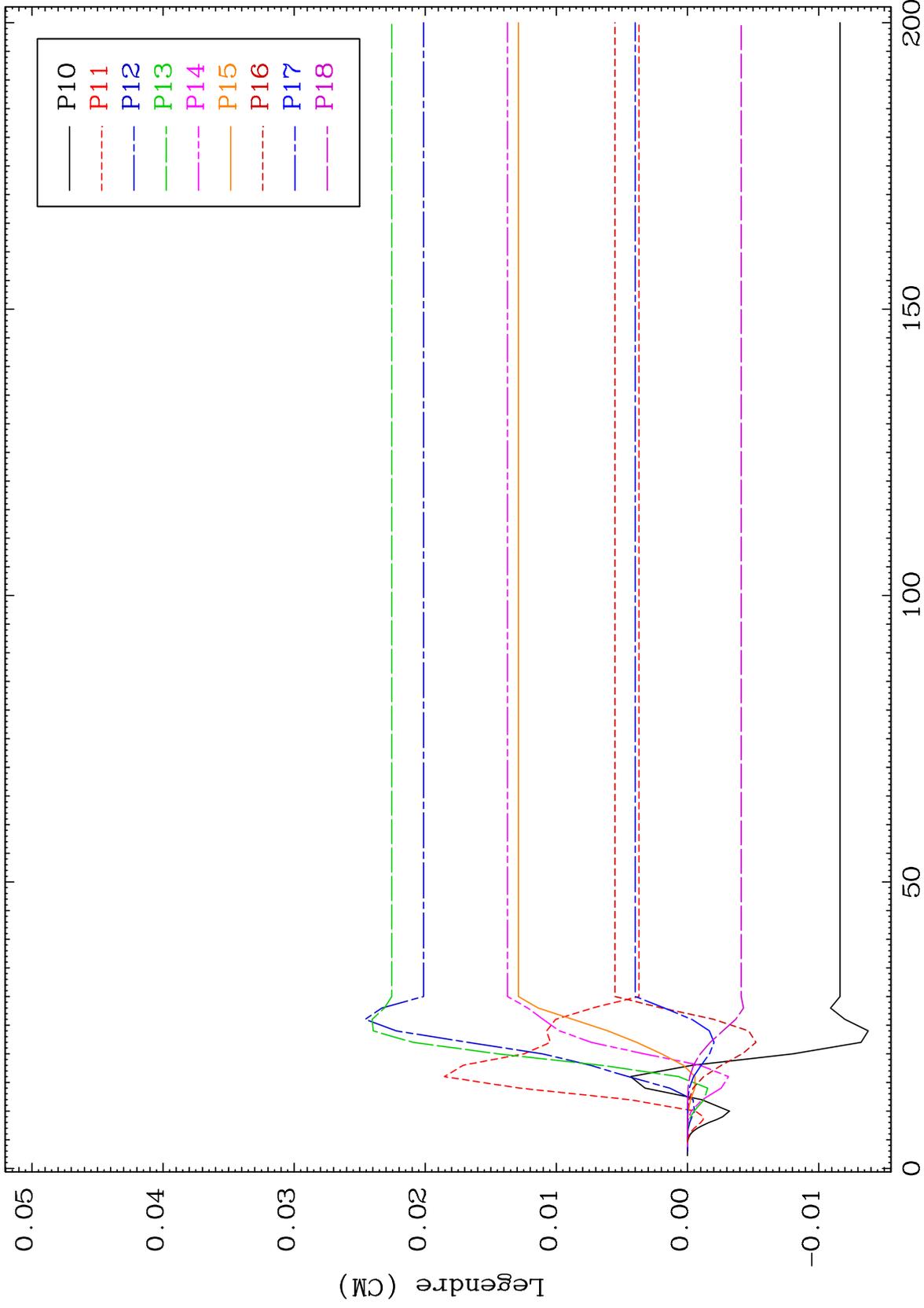
58-Ce-146



MAT 5855

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

58-Ce-146



118

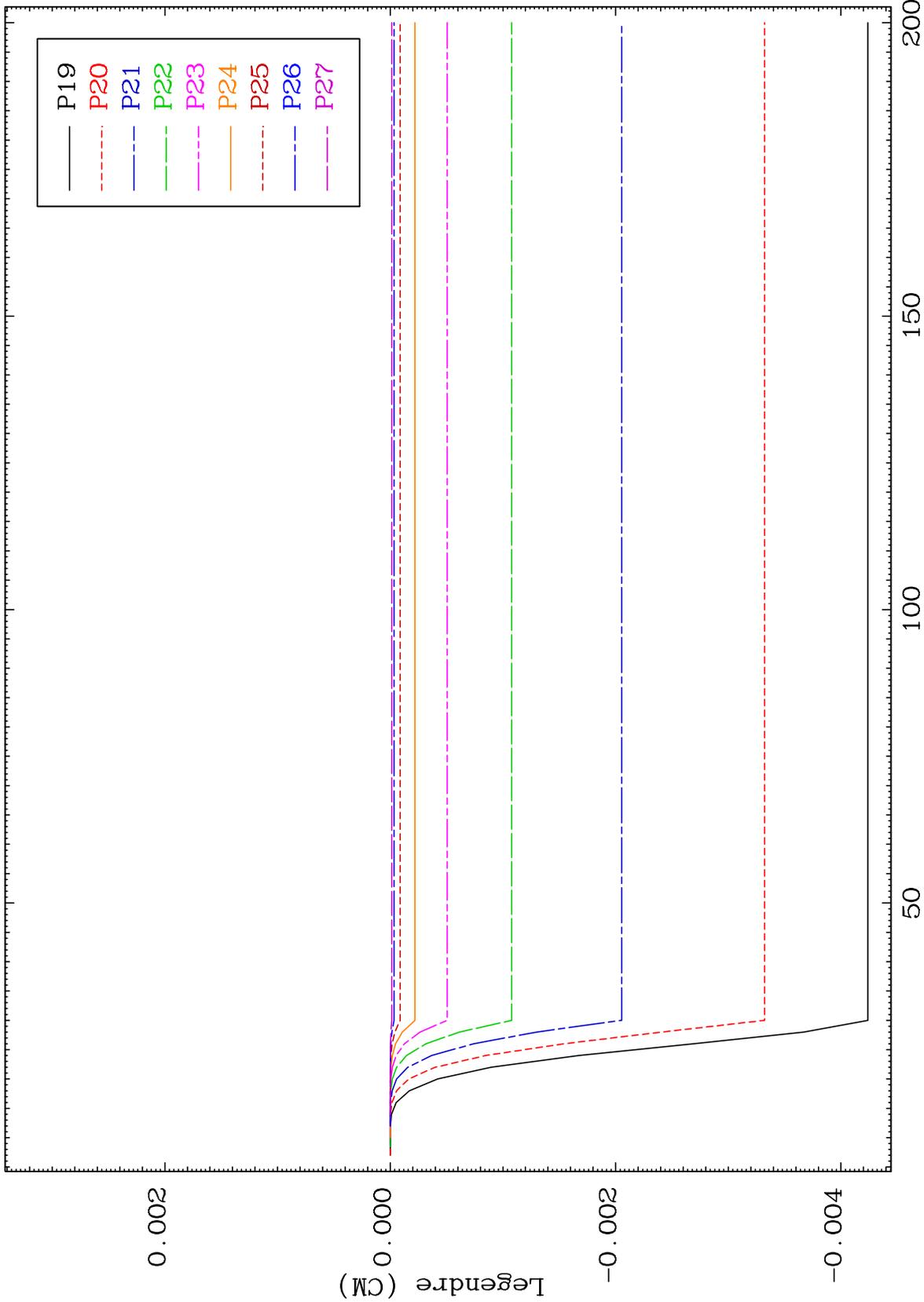
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146

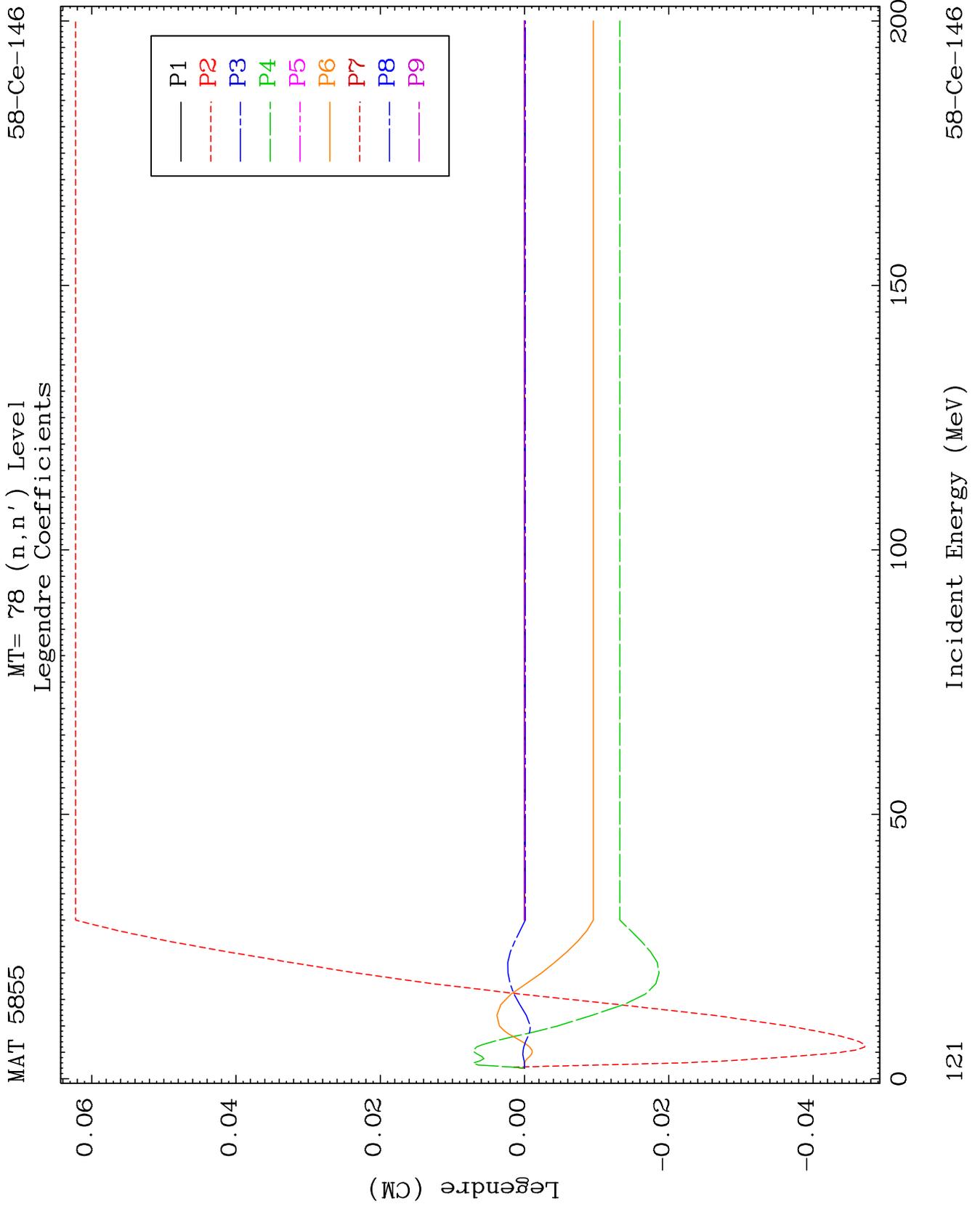


119

Incident Energy (MeV)

58-Ce-146

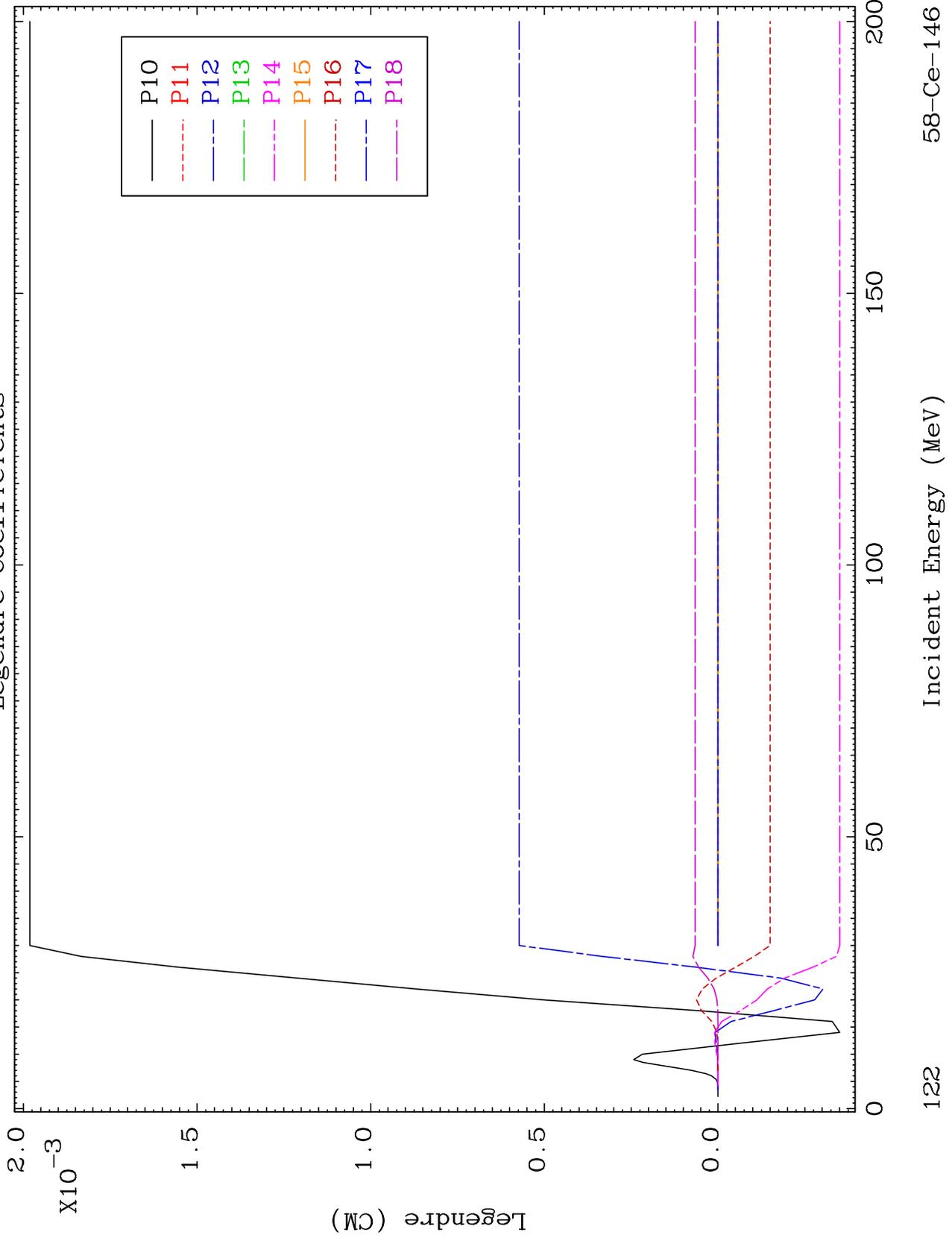




MAT 5855

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

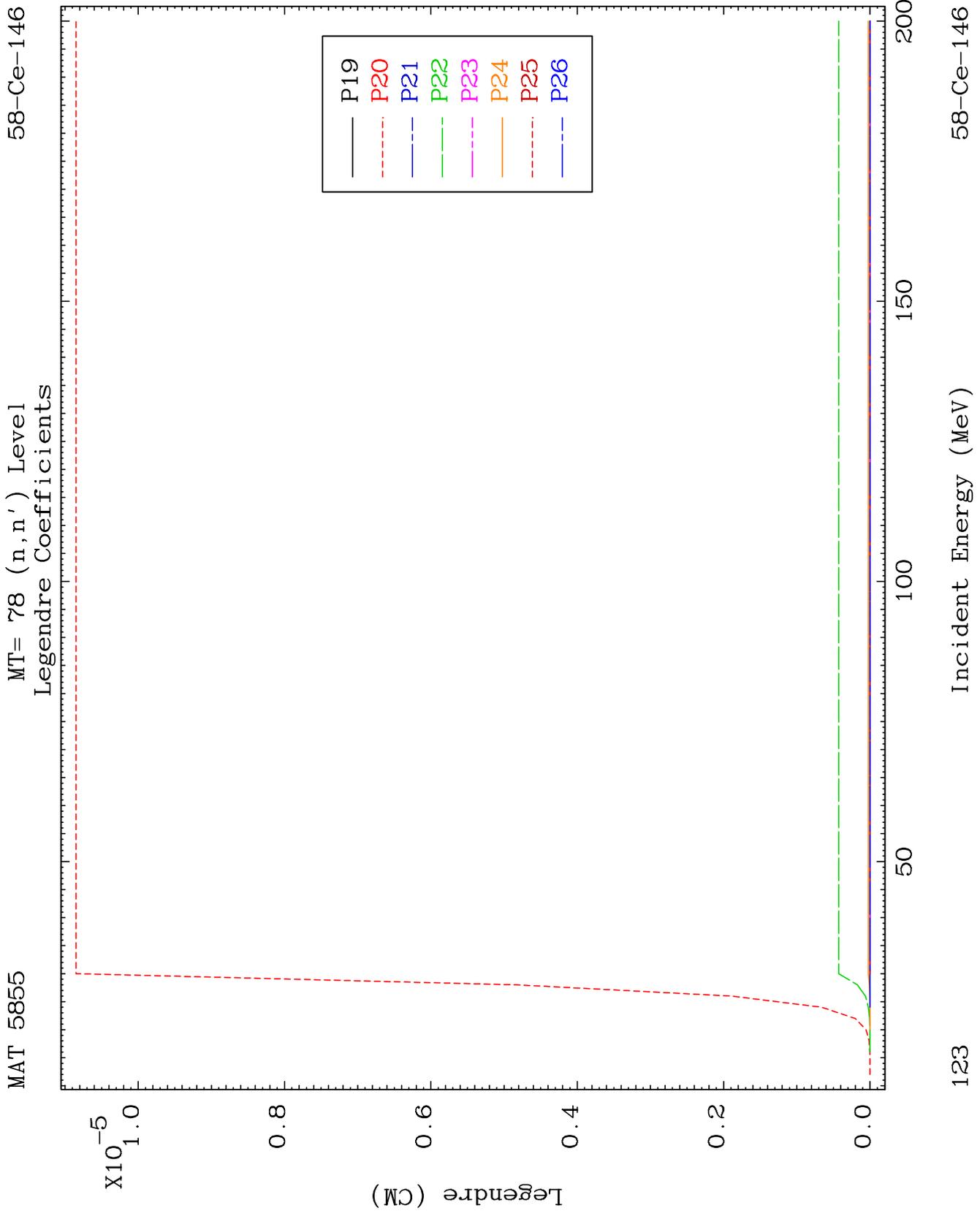
58-Ce-146



58-Ce-146

Incident Energy (MeV)

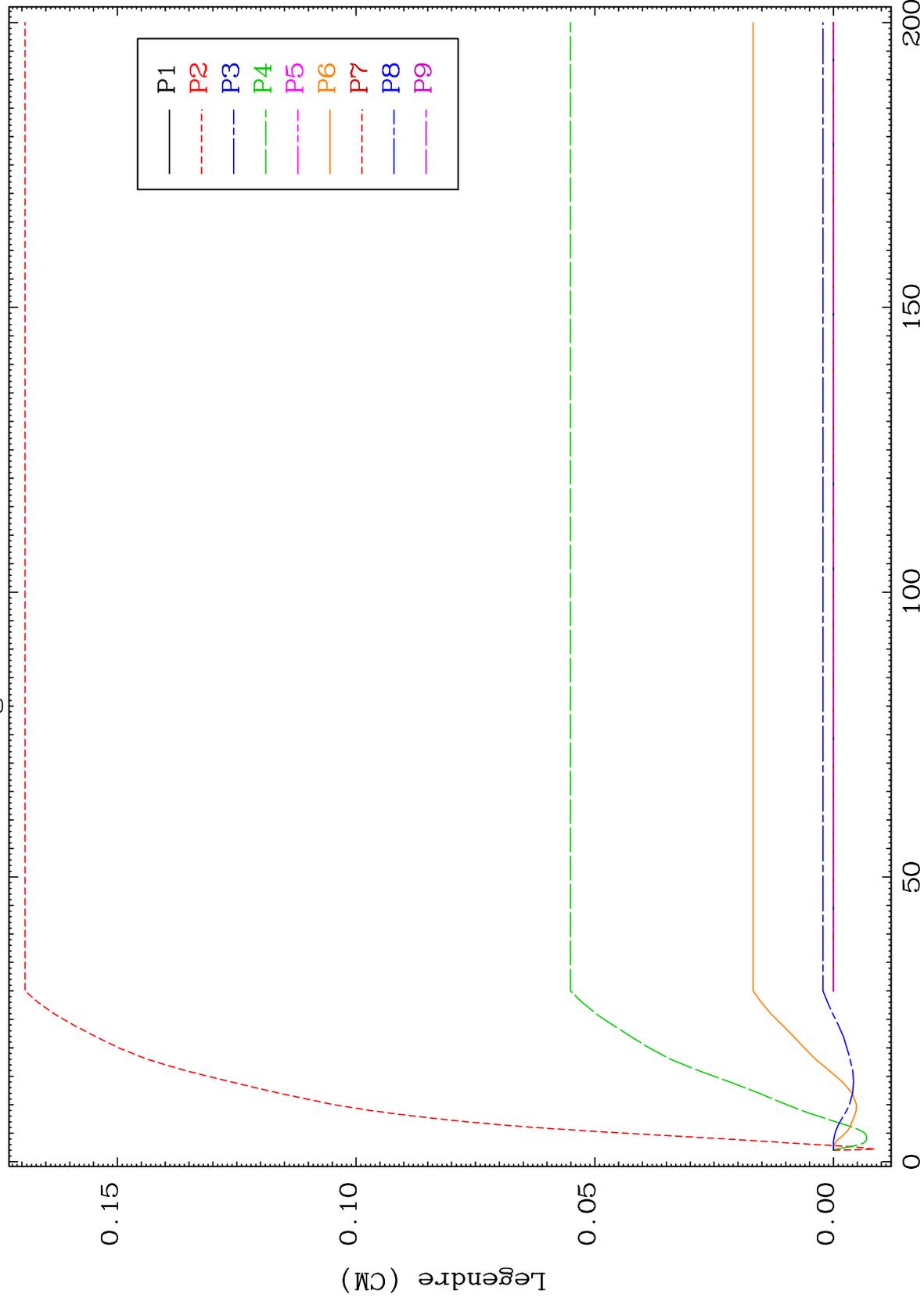
122



MAT 5855

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

58-Ce-146



58-Ce-146

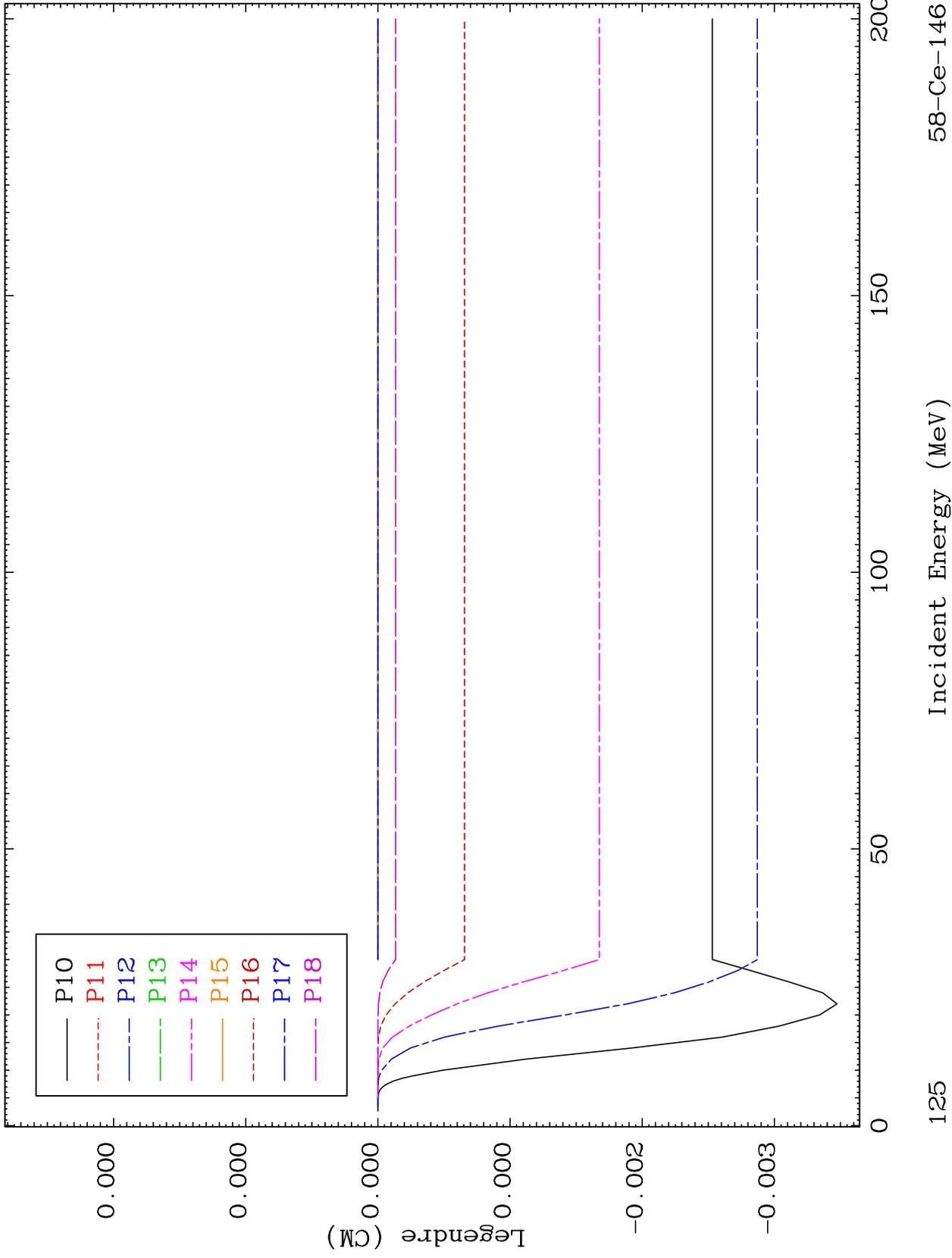
Incident Energy (MeV)

124

MAT 58555

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

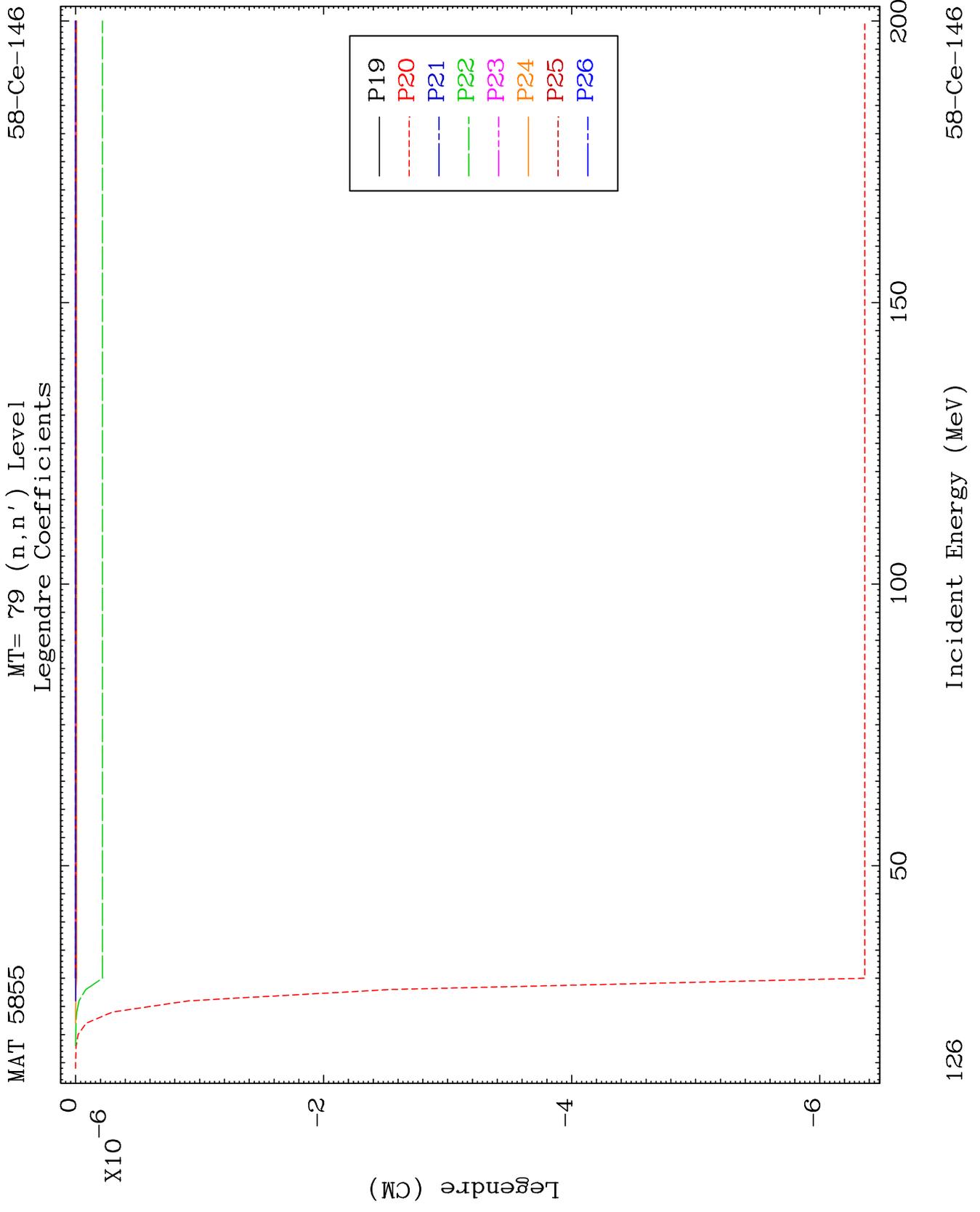
58-Ce-146



58-Ce-146

Incident Energy (MeV)

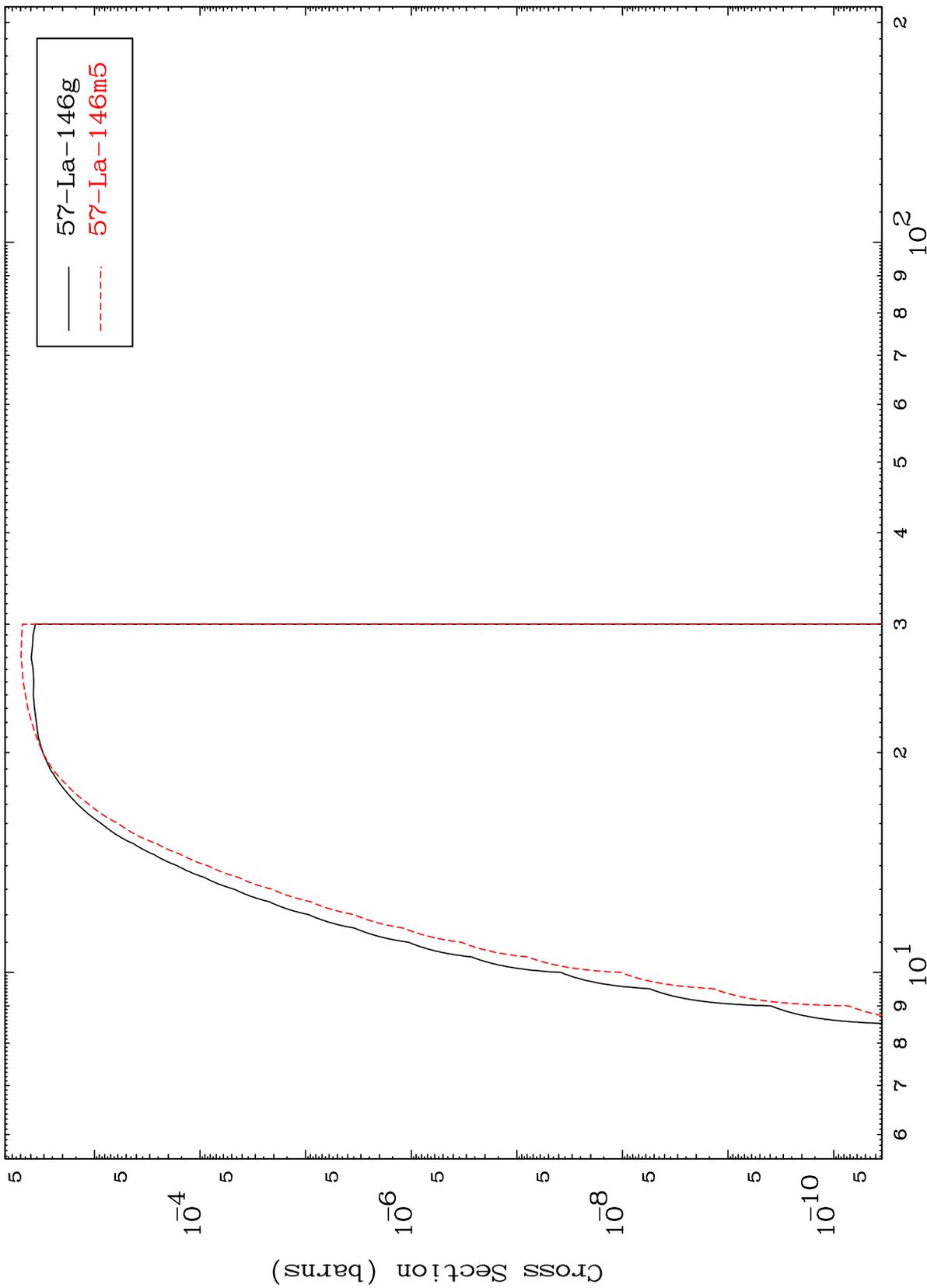
125



MAT 5855

58-Ce-146

(n,p)  
Radionuclide Production Cross Section



127

Incident Energy (MeV)

58-Ce-146