

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

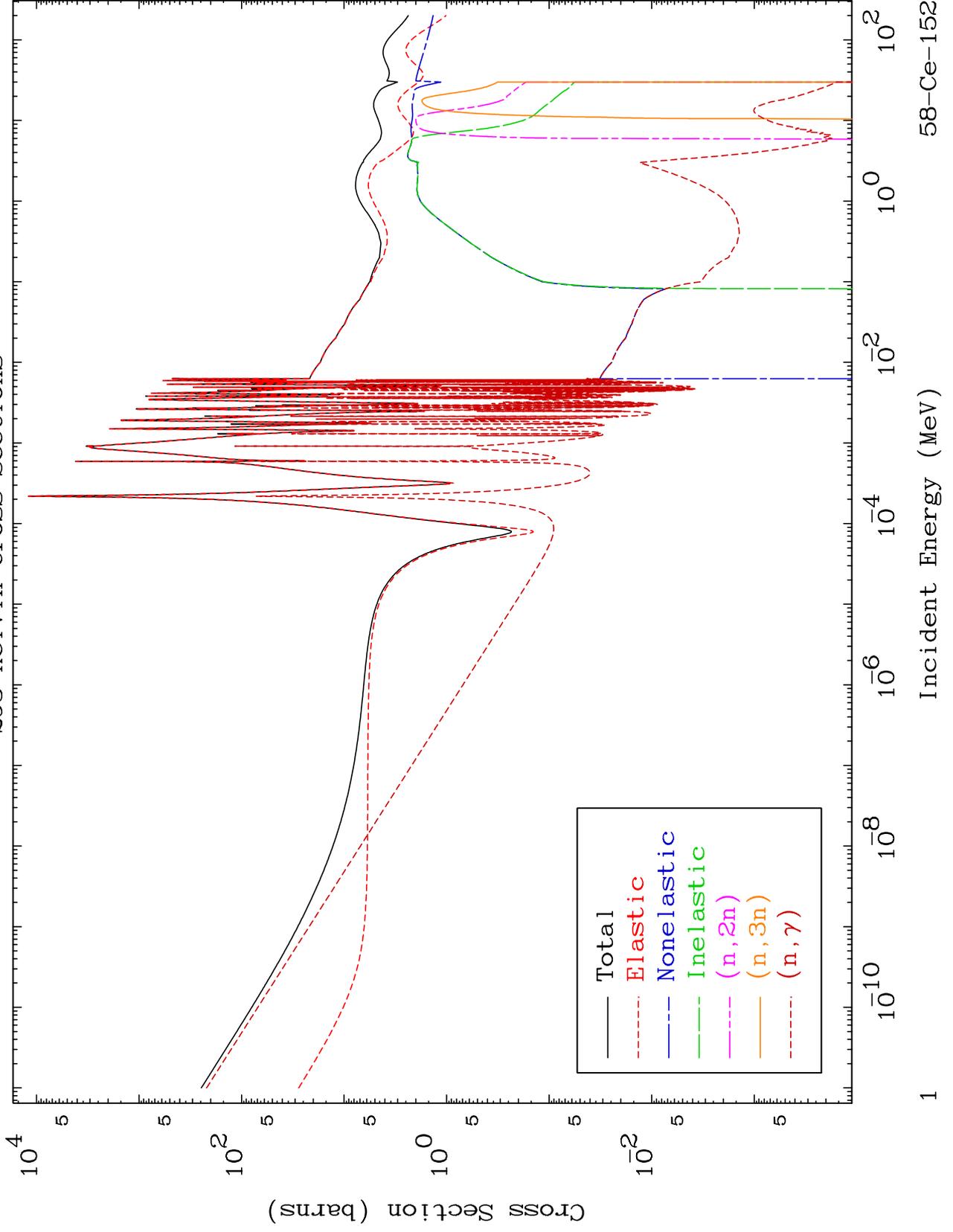
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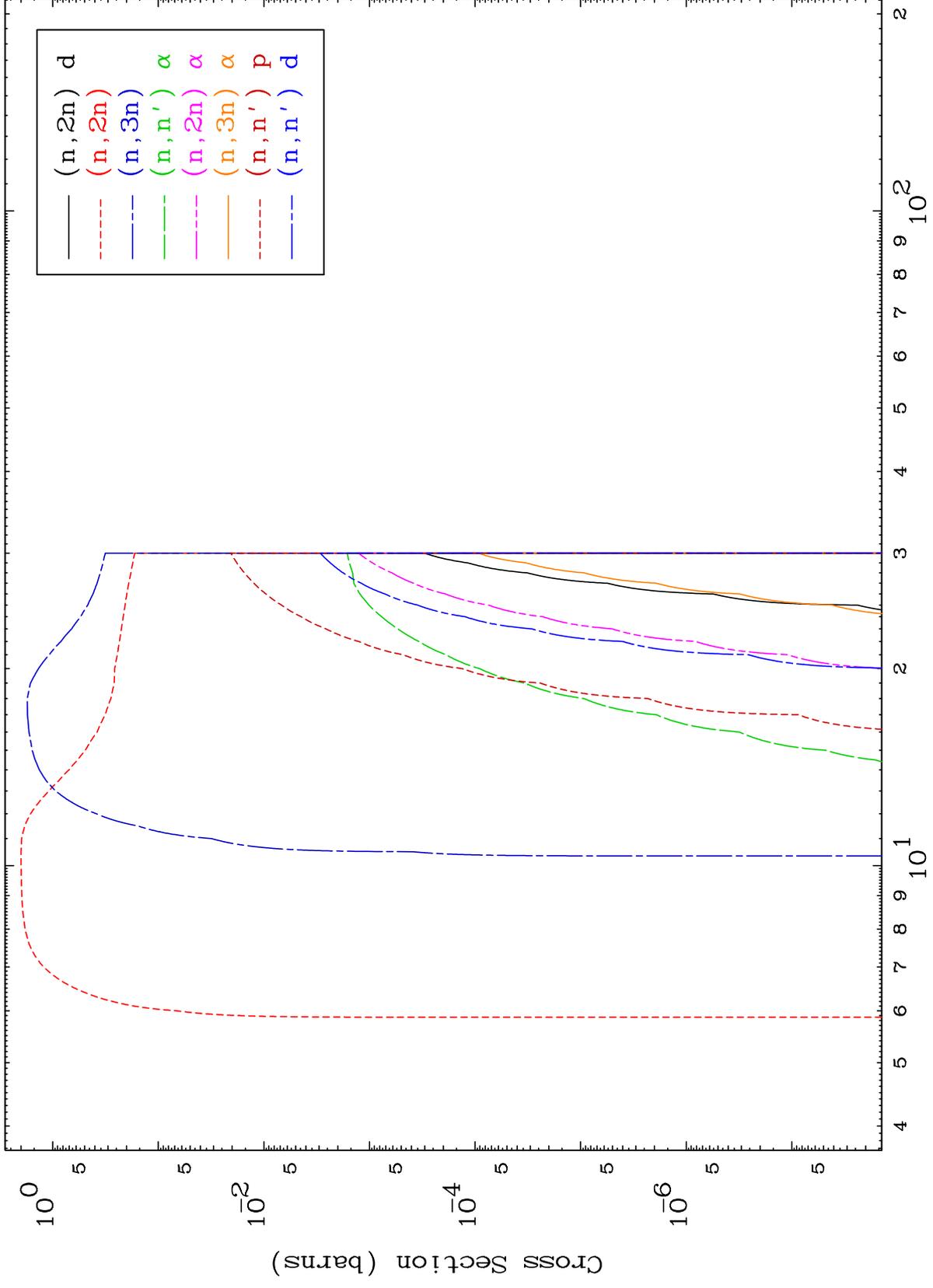
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MAT 5873

Neutron Major  
293 Kelvin Cross Sections

58-Ce-152

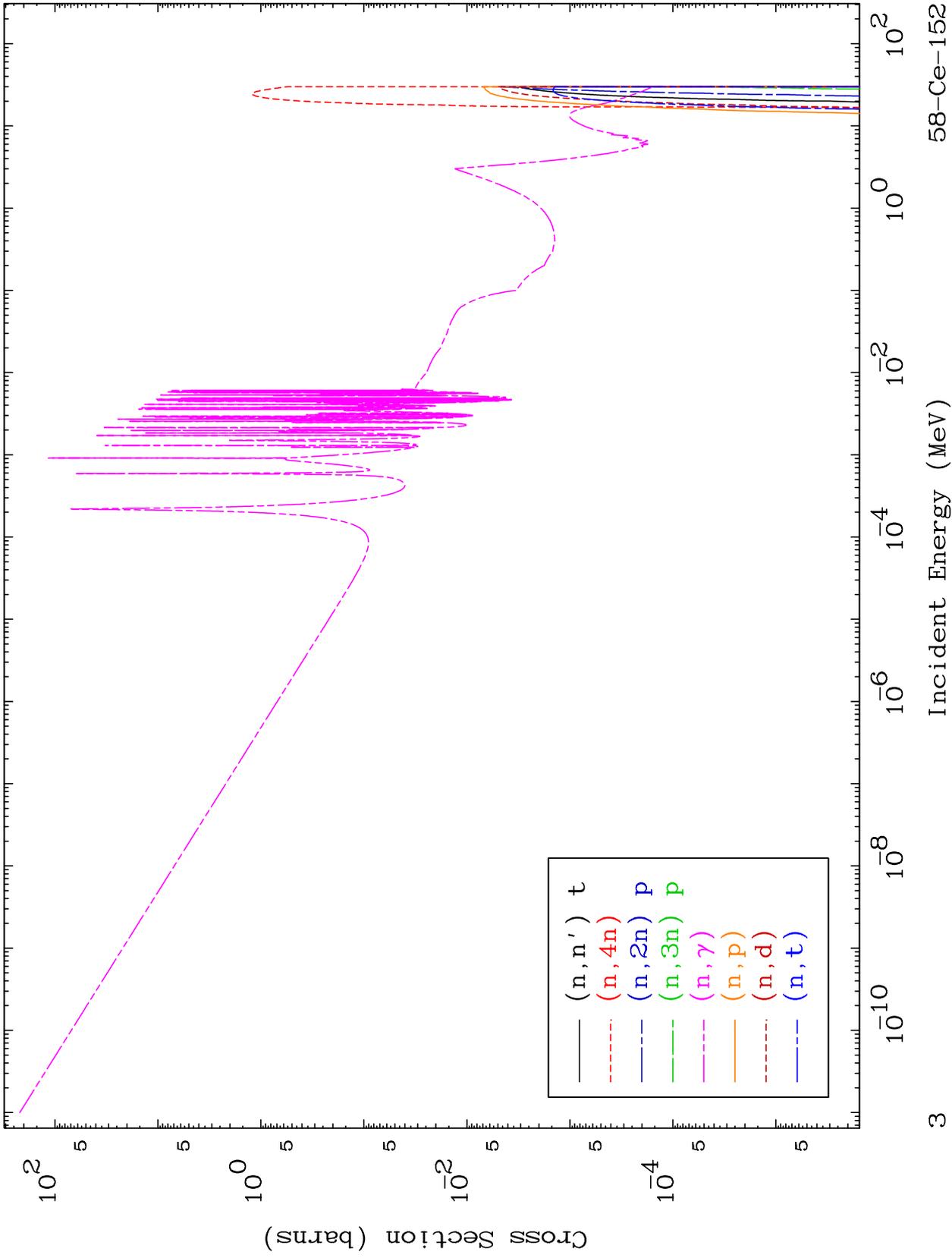




MAT 5873

Neutron Absorption  
293 Kelvin Cross Sections

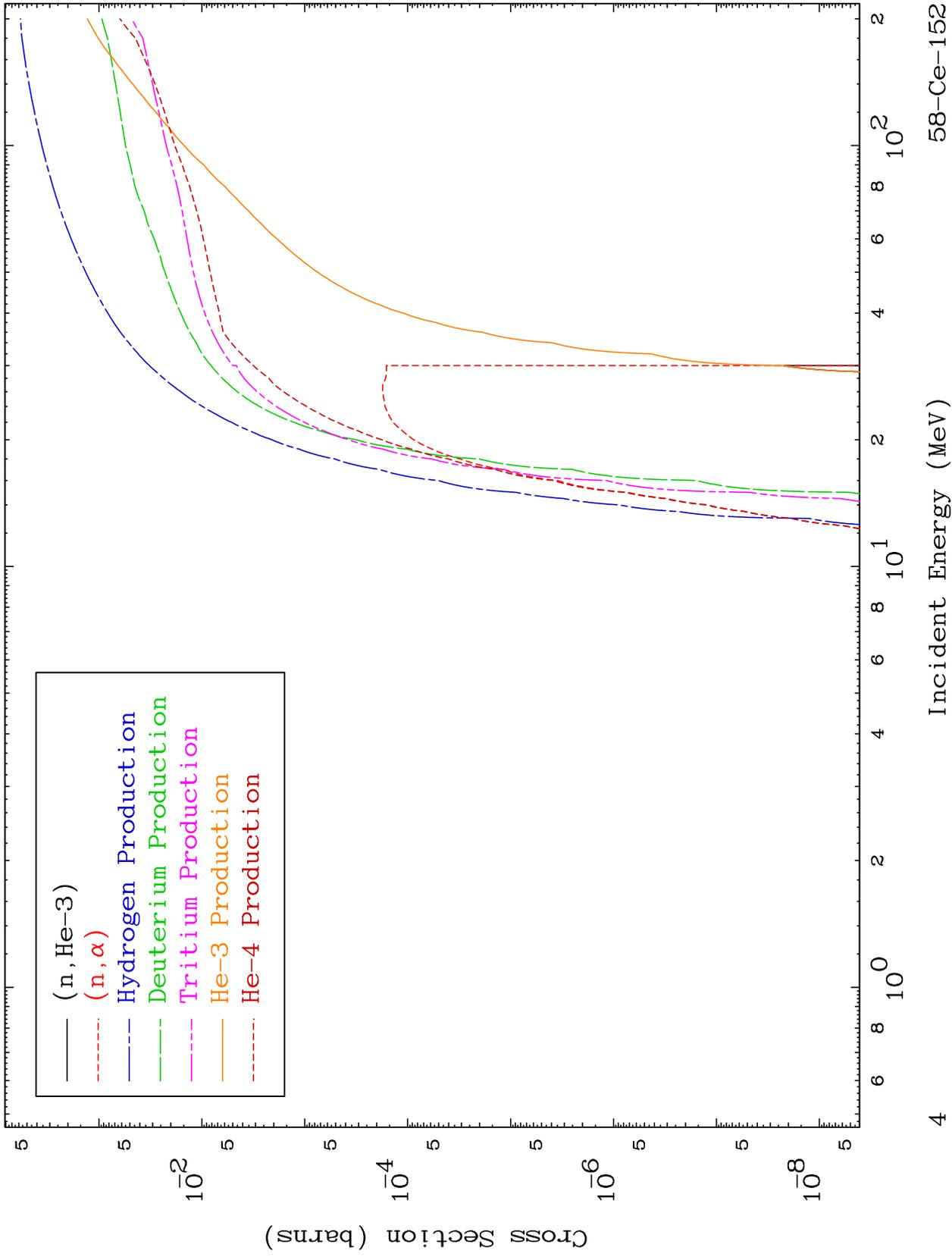
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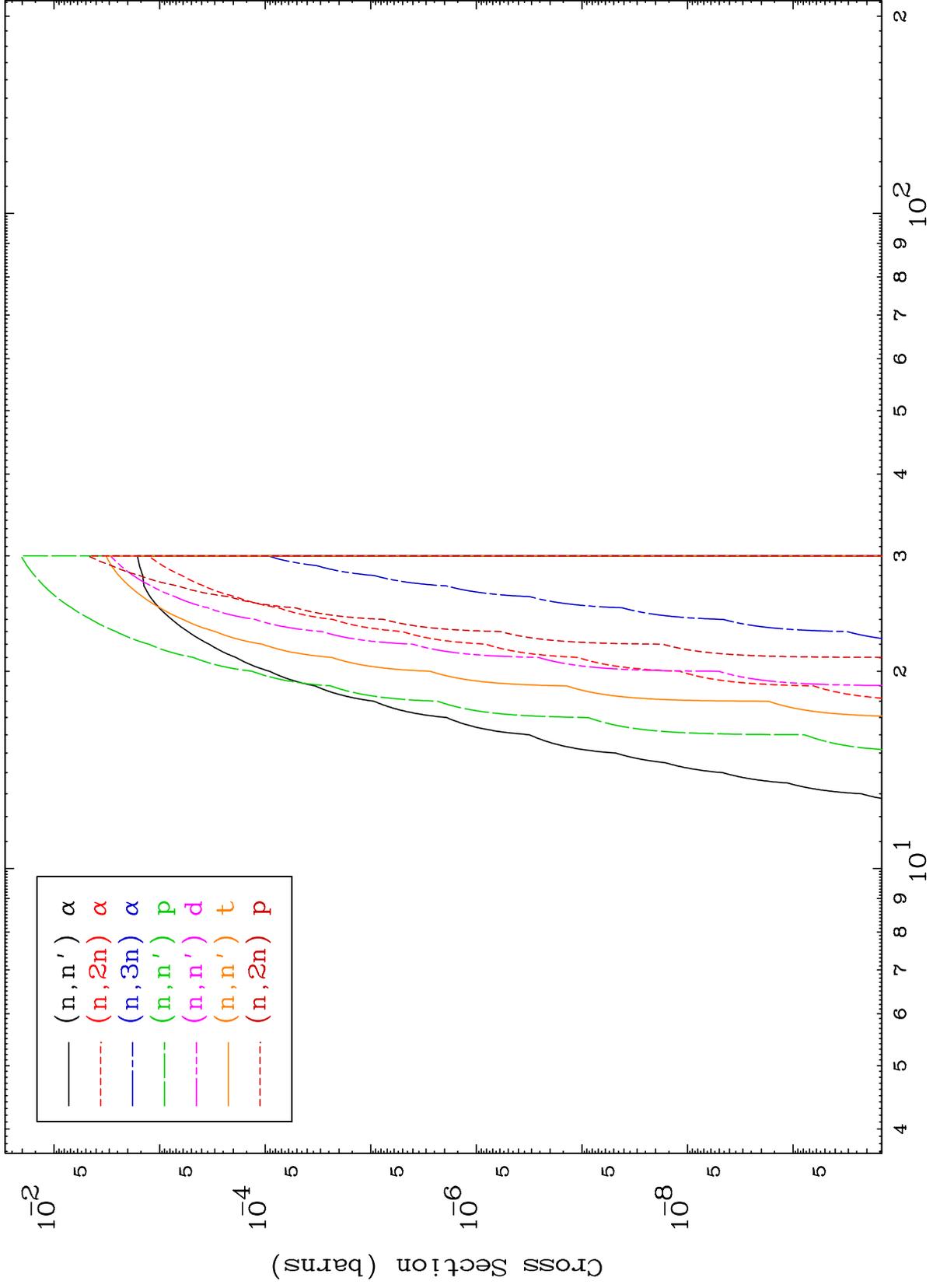


MAT 5873

Neutron Absorption  
293 Kelvin Cross Sections

58-Ce-152

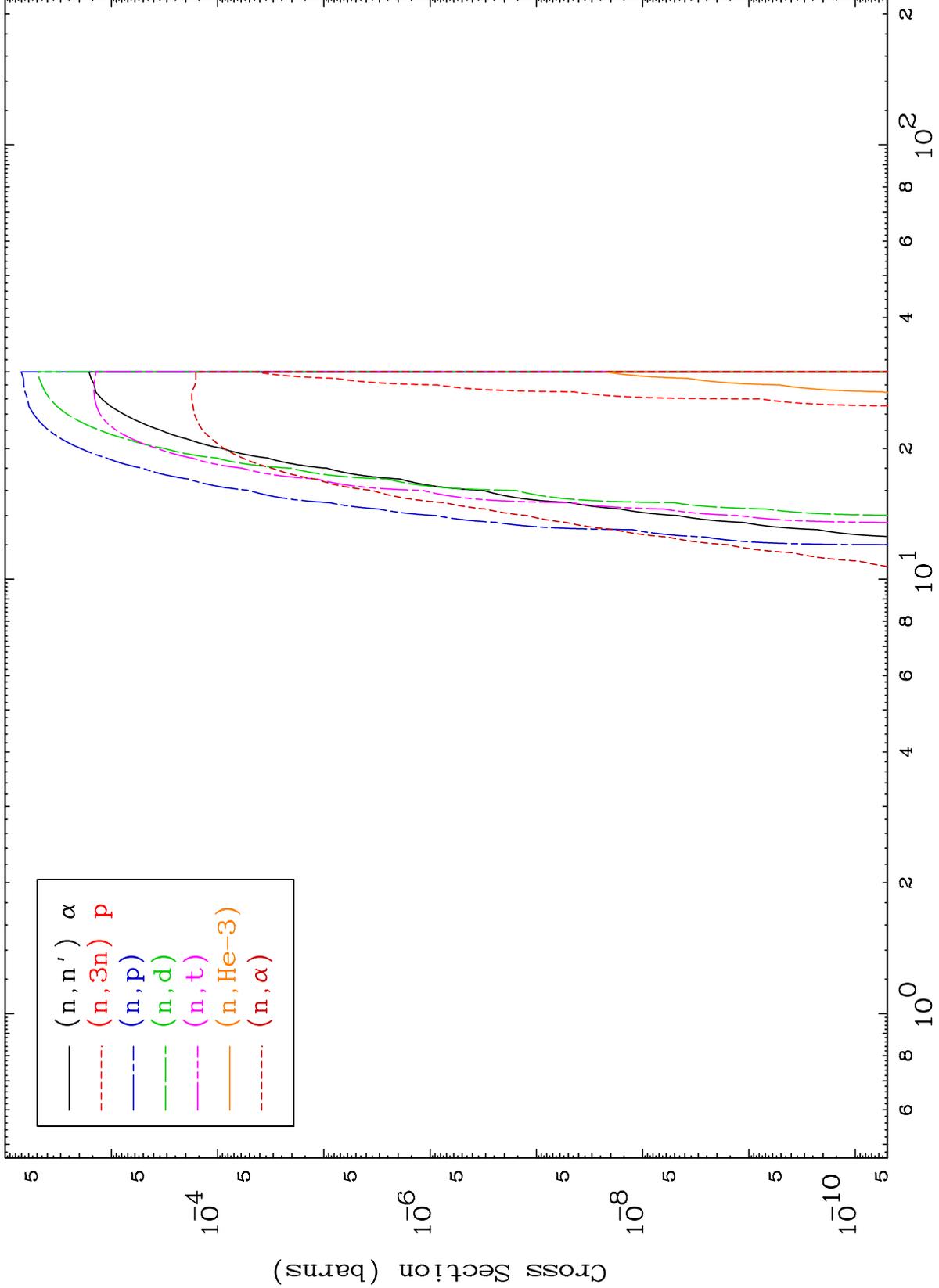




MAT 5873

Charged Particle  
293 Kelvin Cross Sections

58-Ce-152



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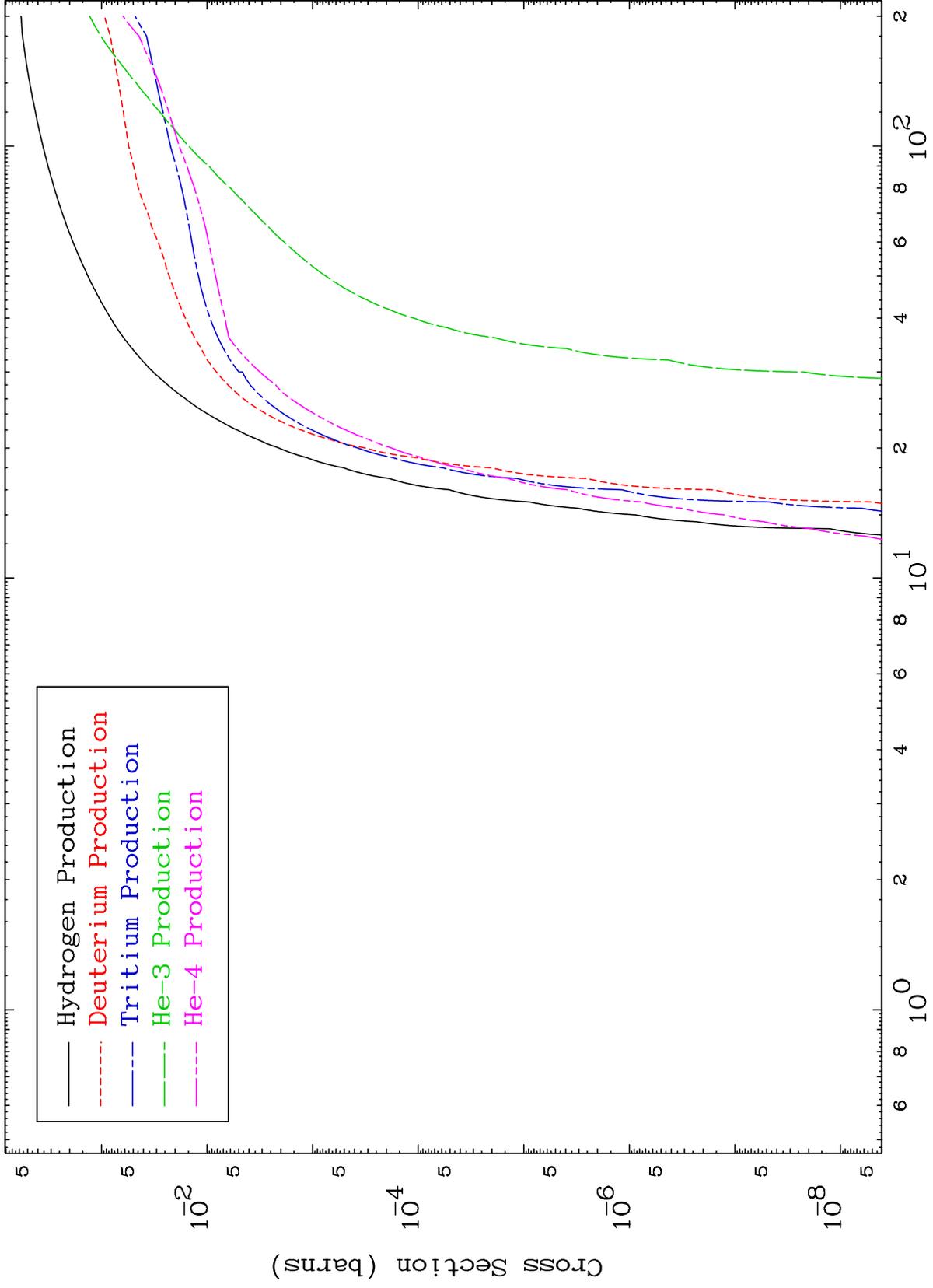
Incident Energy (MeV)

58-Ce-152

MAT 5873

Particle Production  
293 Kelvin Cross Sections

58-Ce-152

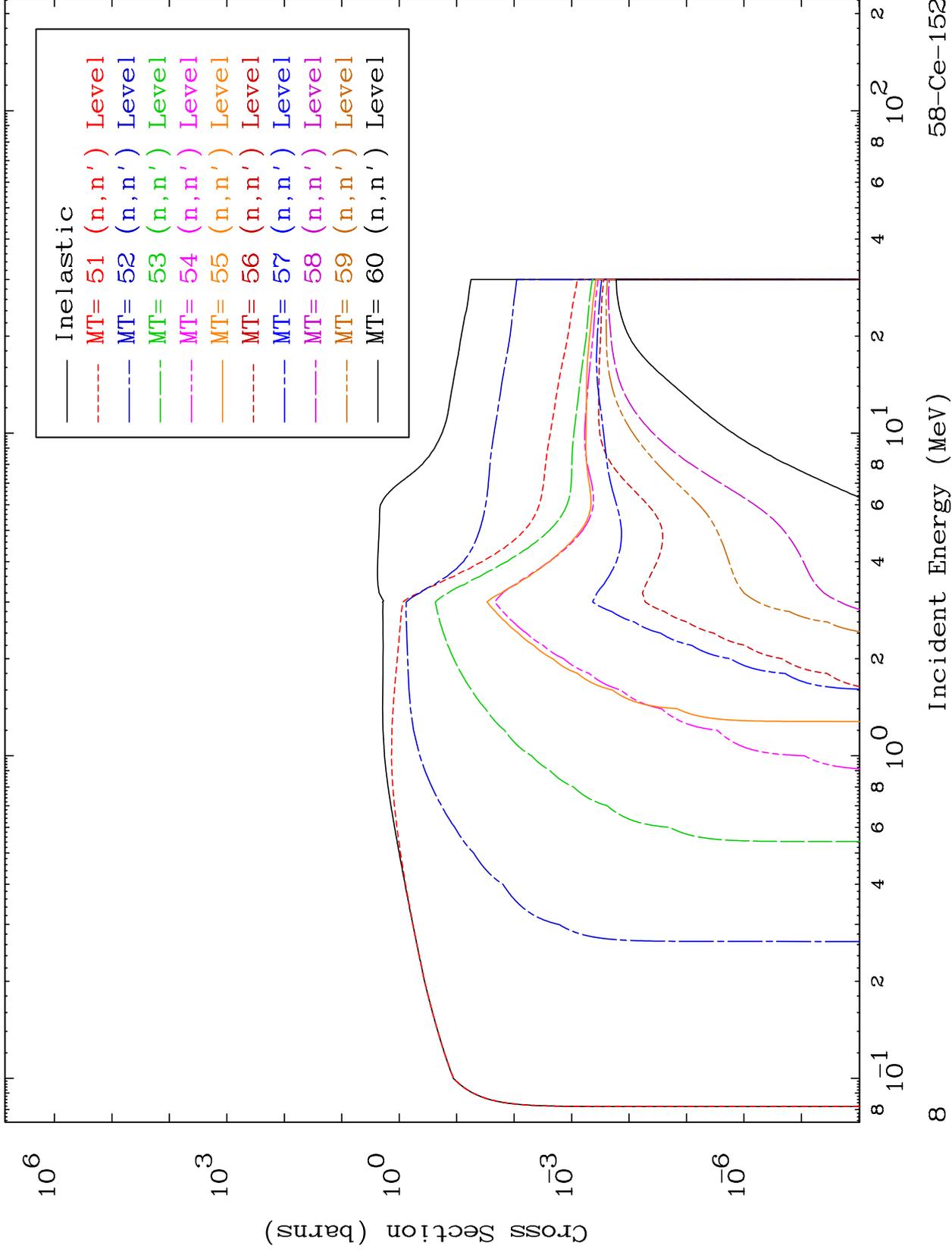


MAT 5873

(n,n') Levels

58-Ce-152

293 Kelvin Cross Sections



58-Ce-152

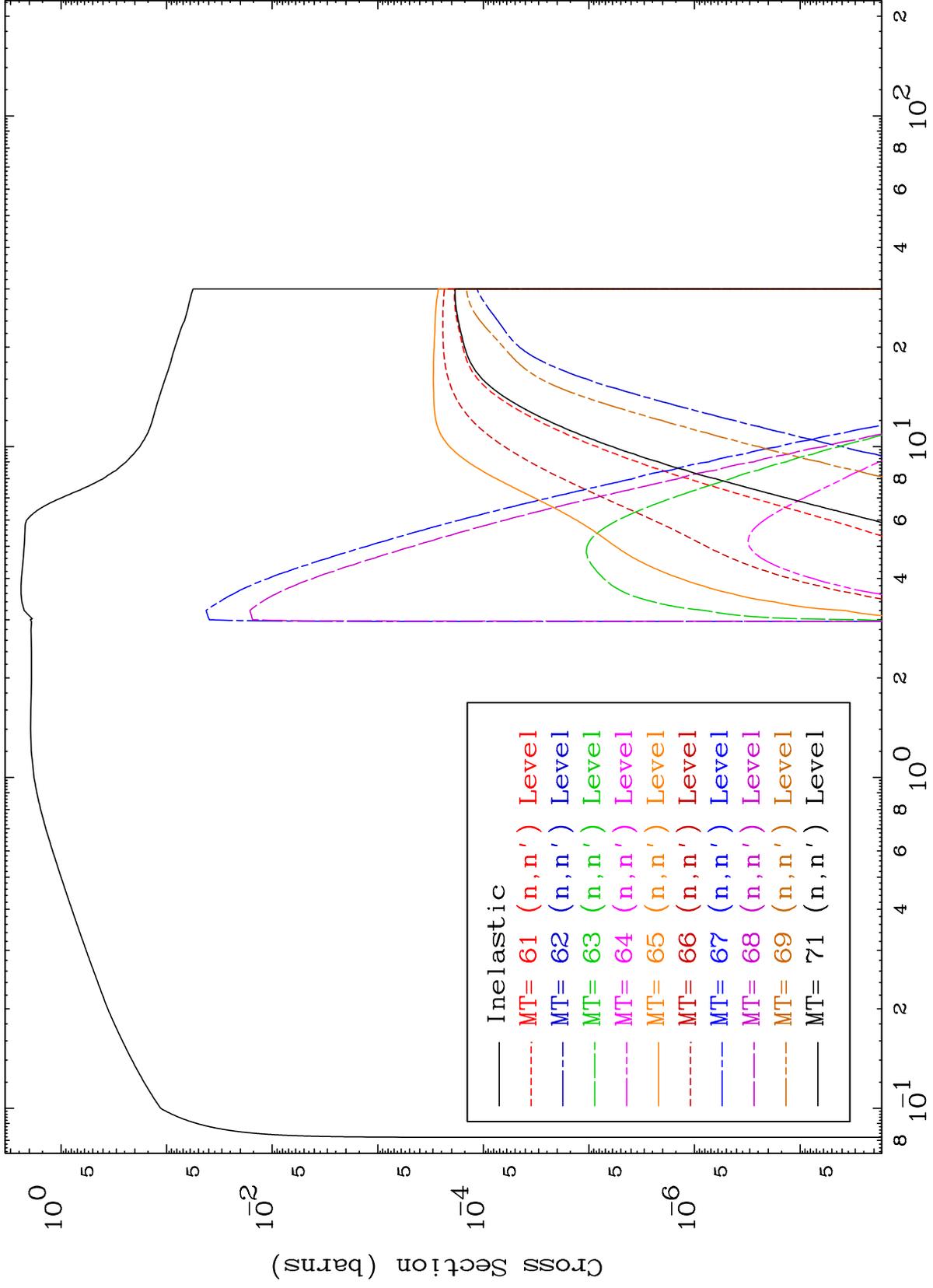
Incident Energy (MeV)

8

MAT 5873

(n,n') Levels  
293 Kelvin Cross Sections

58-Ce-152

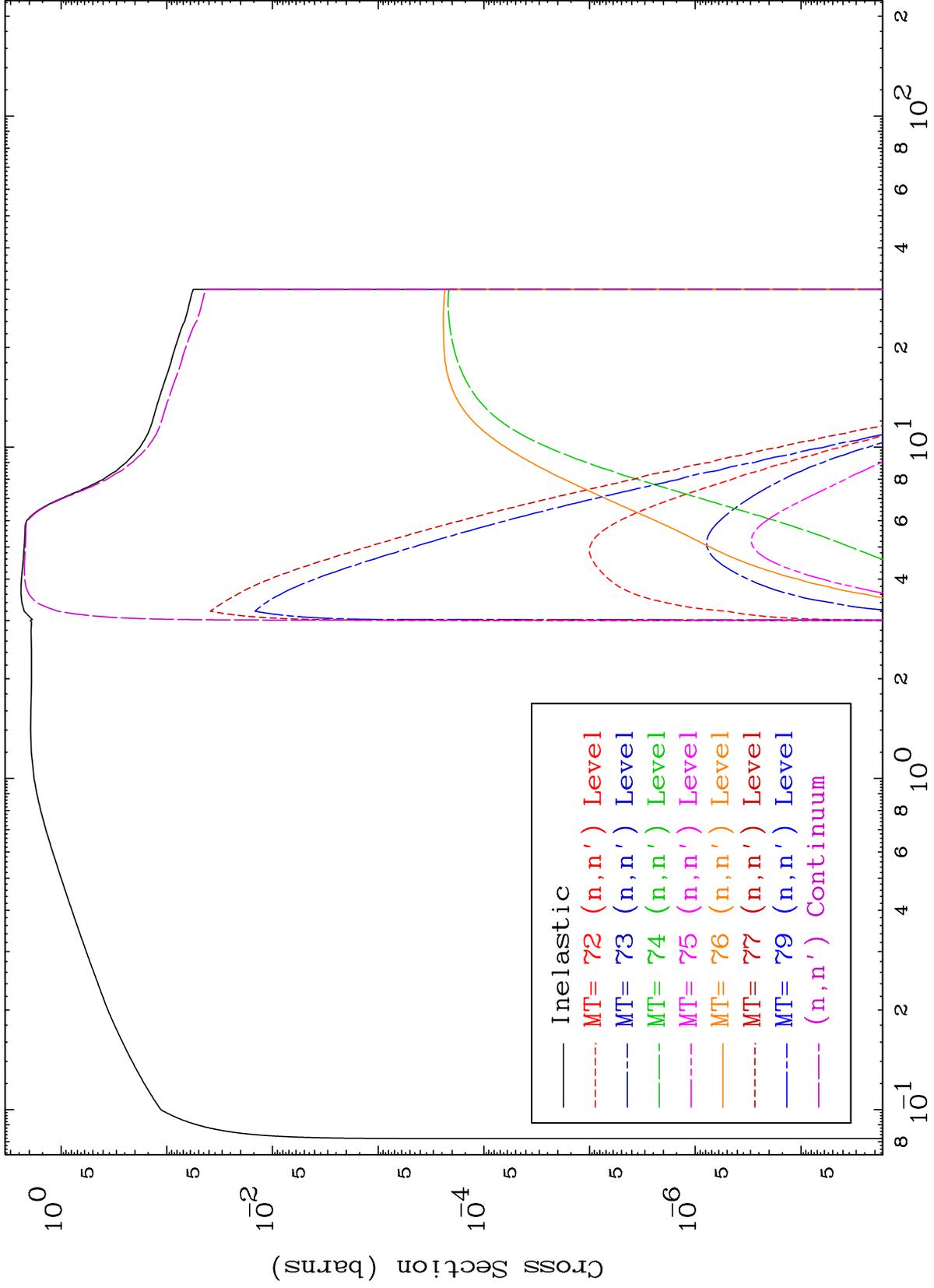


MAT 5873

(n,n') Levels

58-Ce-152

293 Kelvin Cross Sections



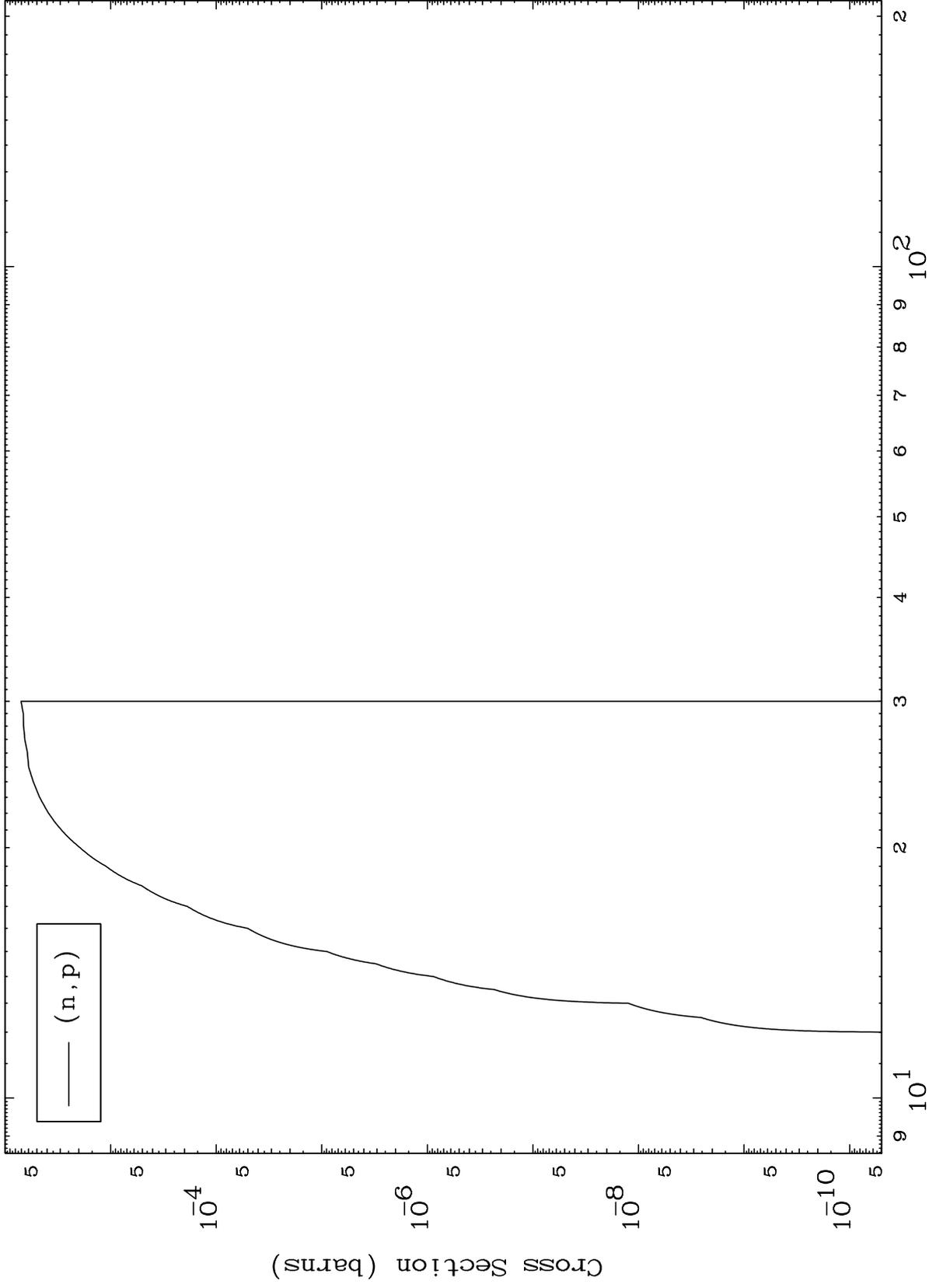
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-152



11

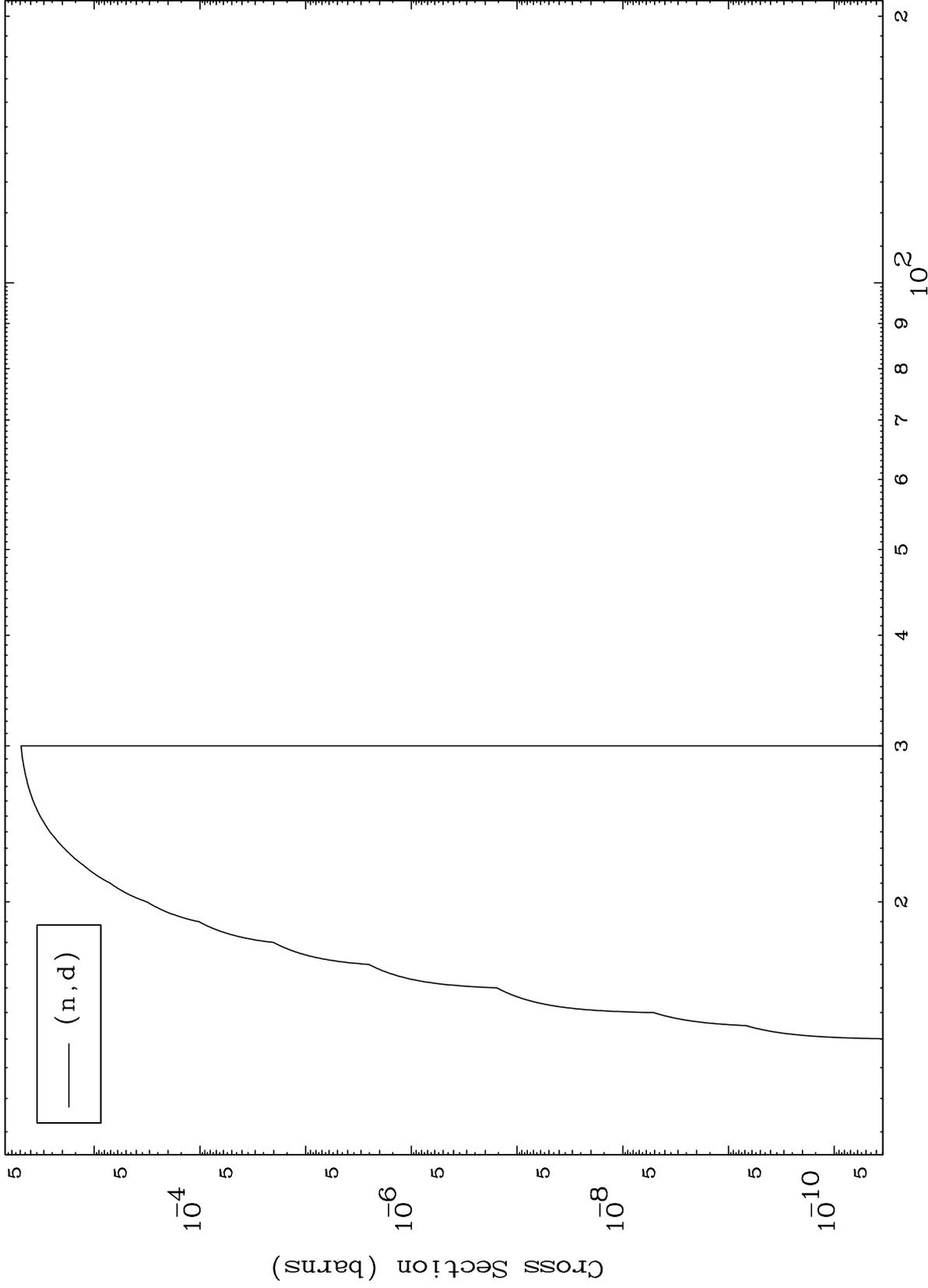
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58-Ce-152

MAT 5873

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-152



12

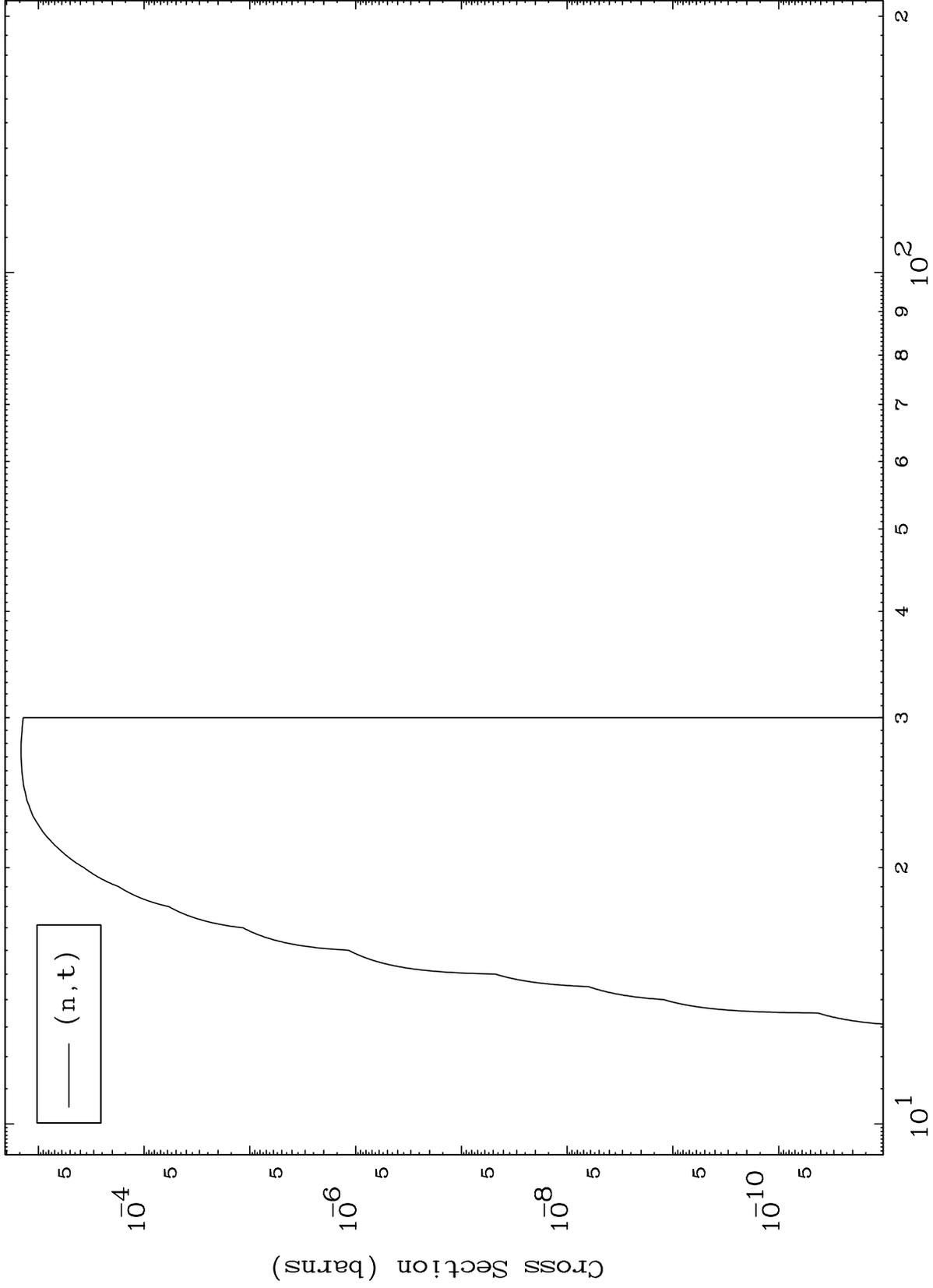
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58-Ce-152

MAT 5873

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-152



13

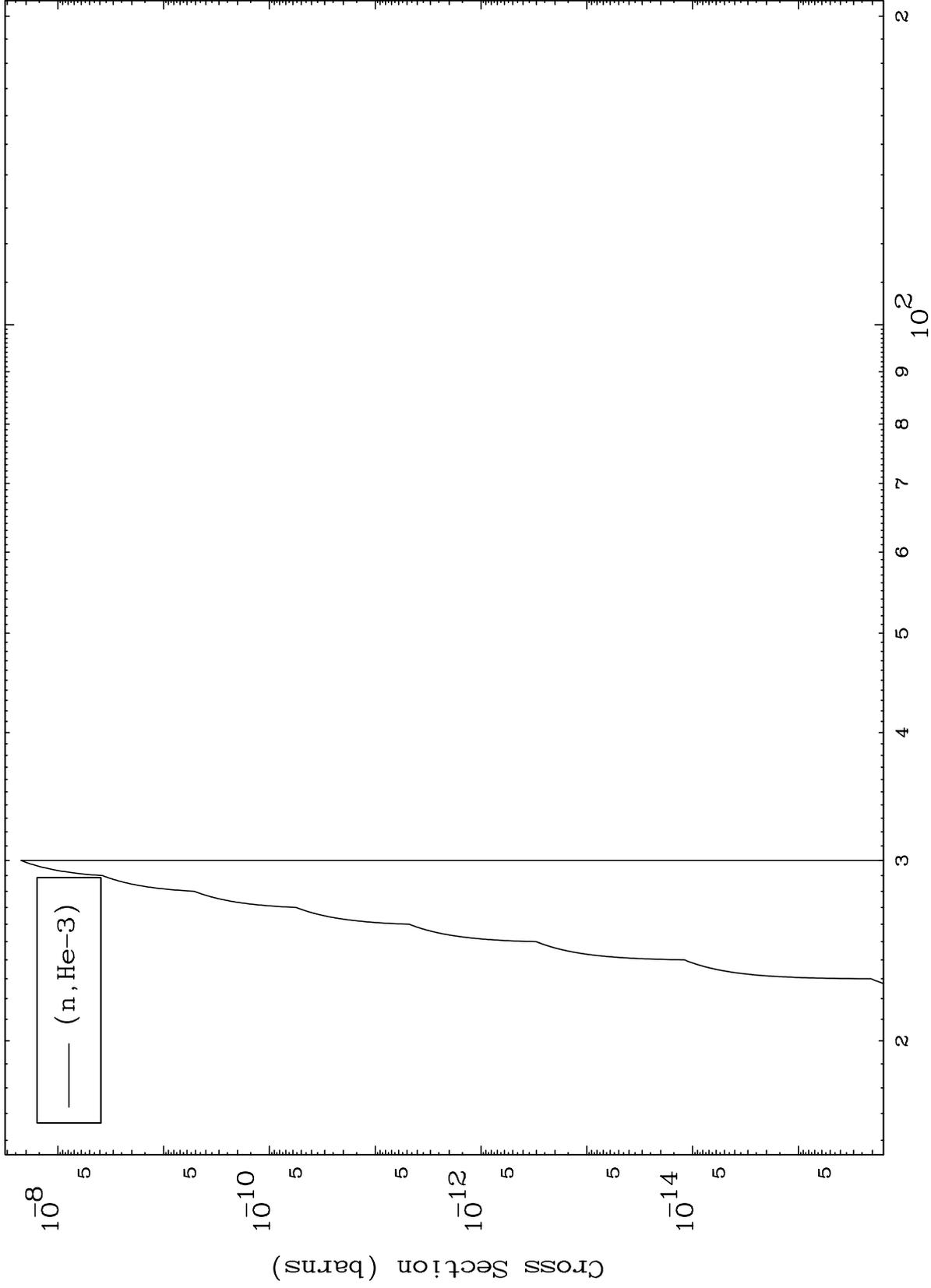
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-152



14

Incident Energy (MeV)

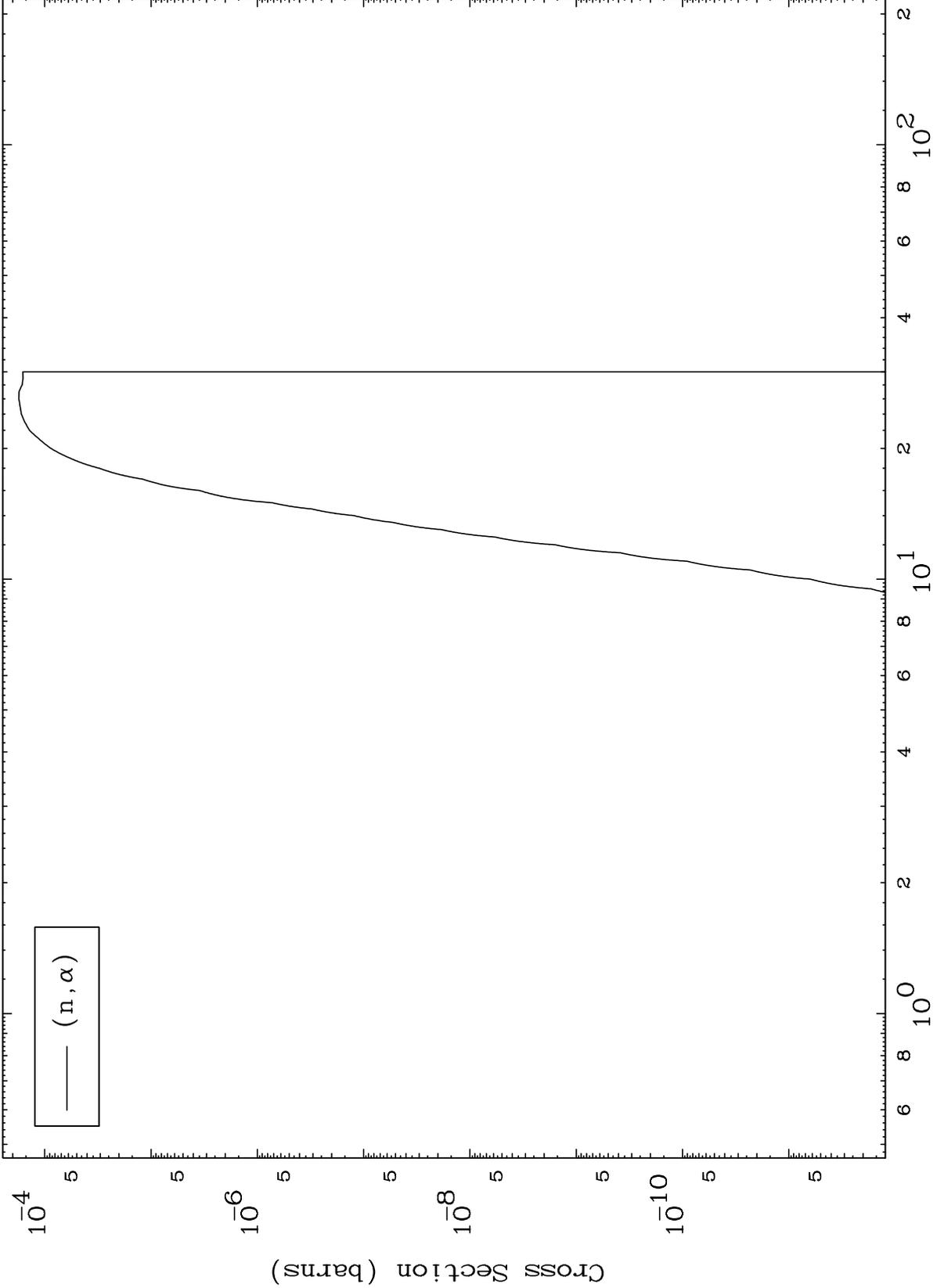
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MAT 5873

(n,  $\alpha$ ) Levels

58-Ce-152

293 Kelvin Cross Sections



15

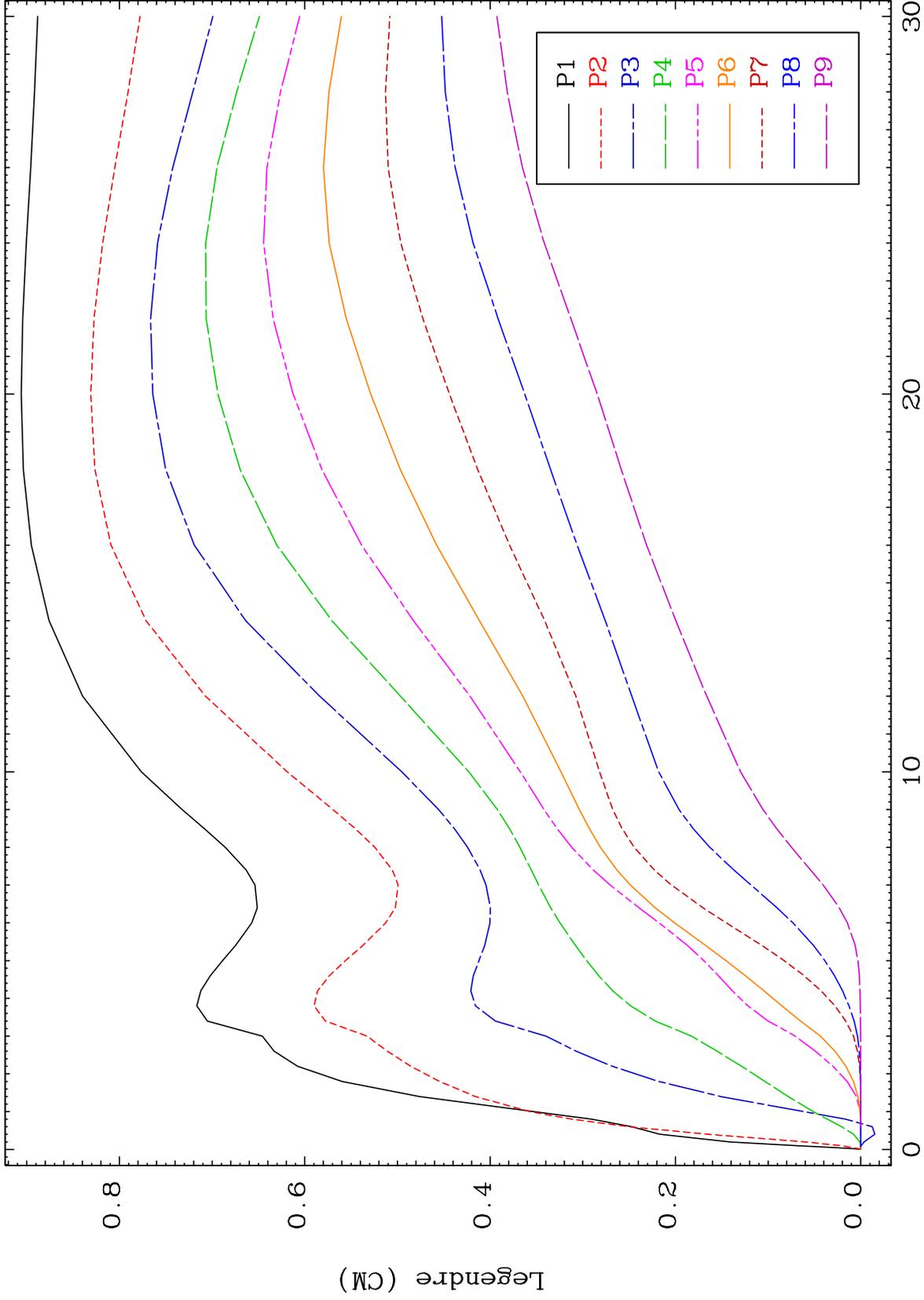
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58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



16

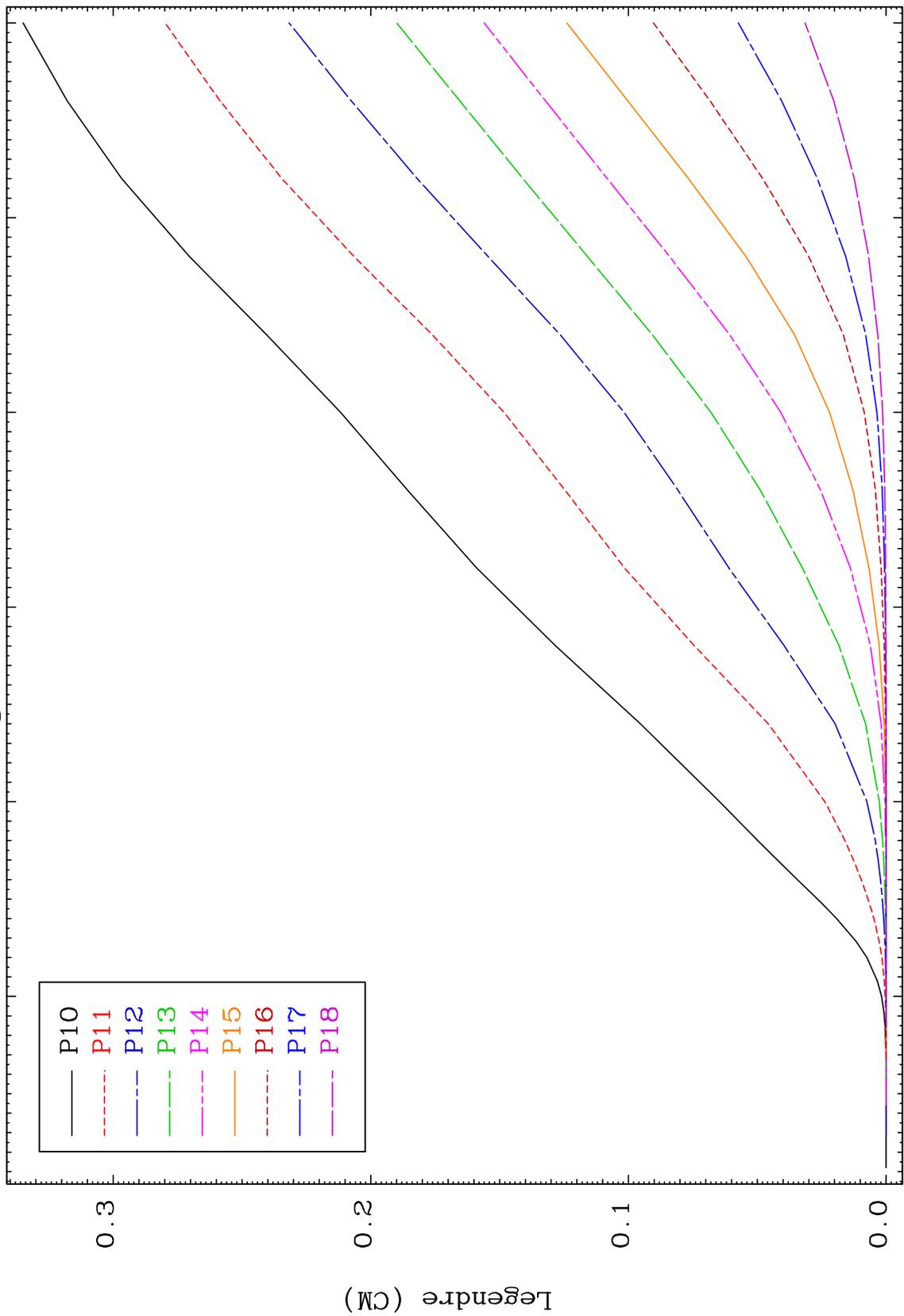
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



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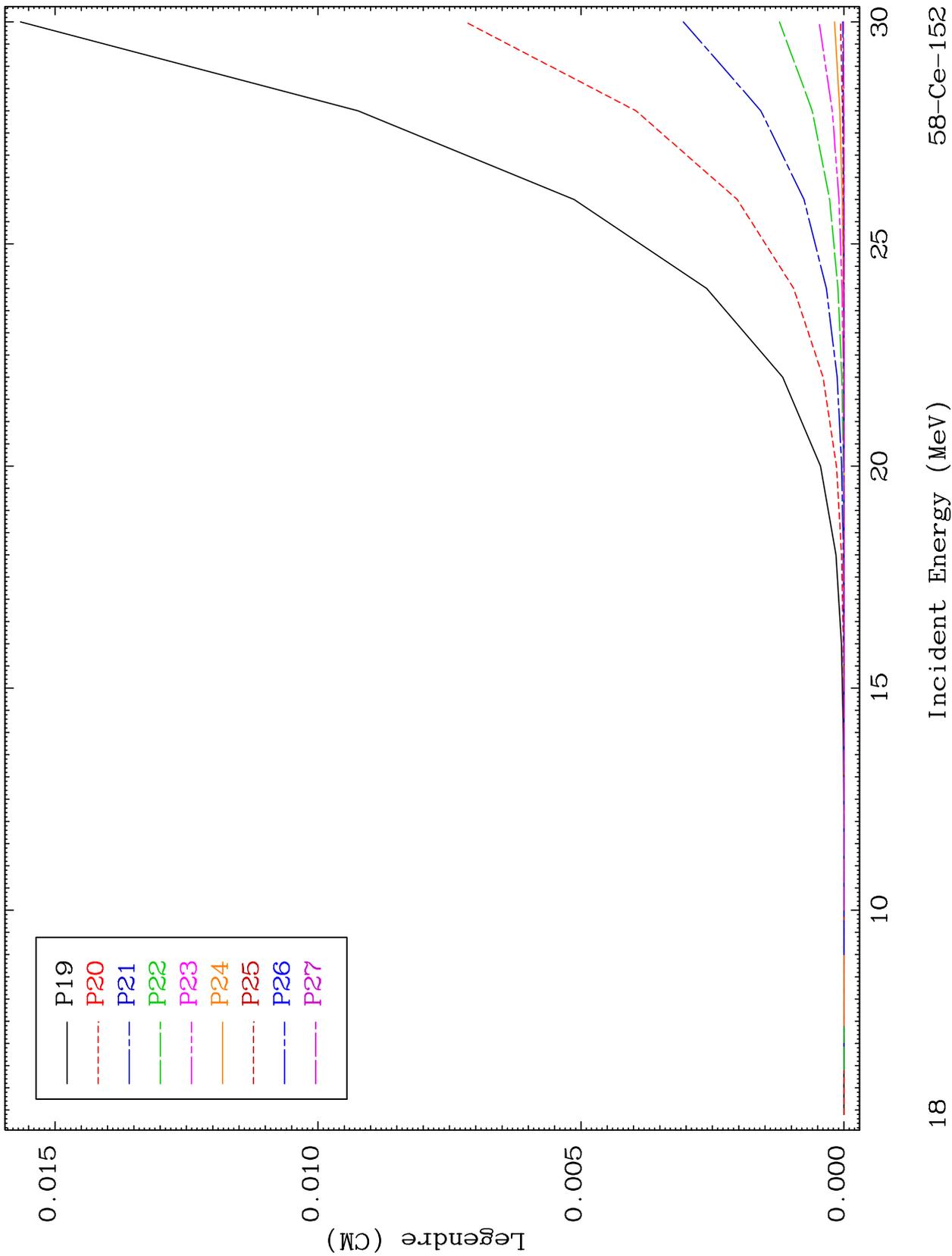
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



18

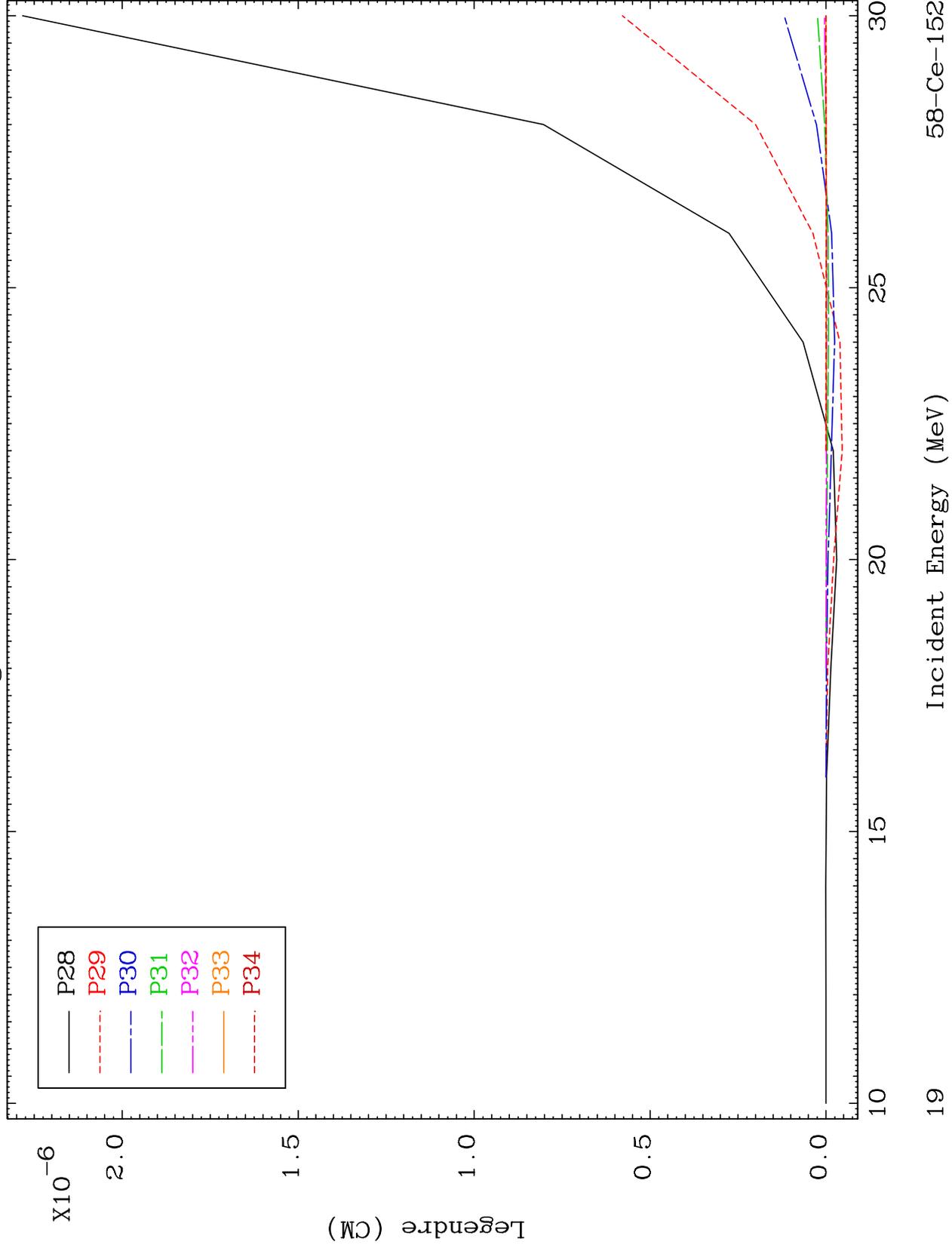
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic  
Legendre Coefficients

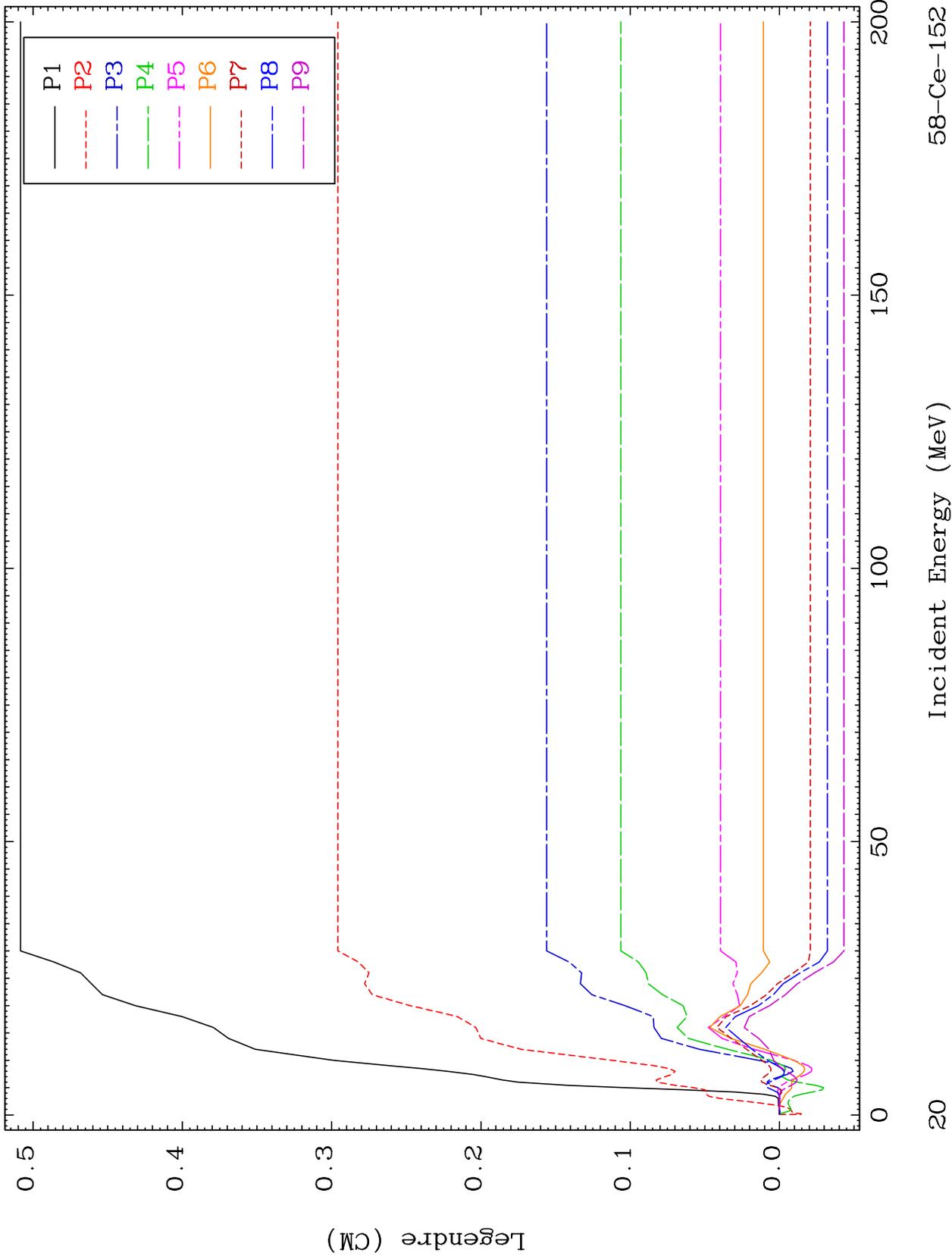
58-Ce-152



MAT 5873

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

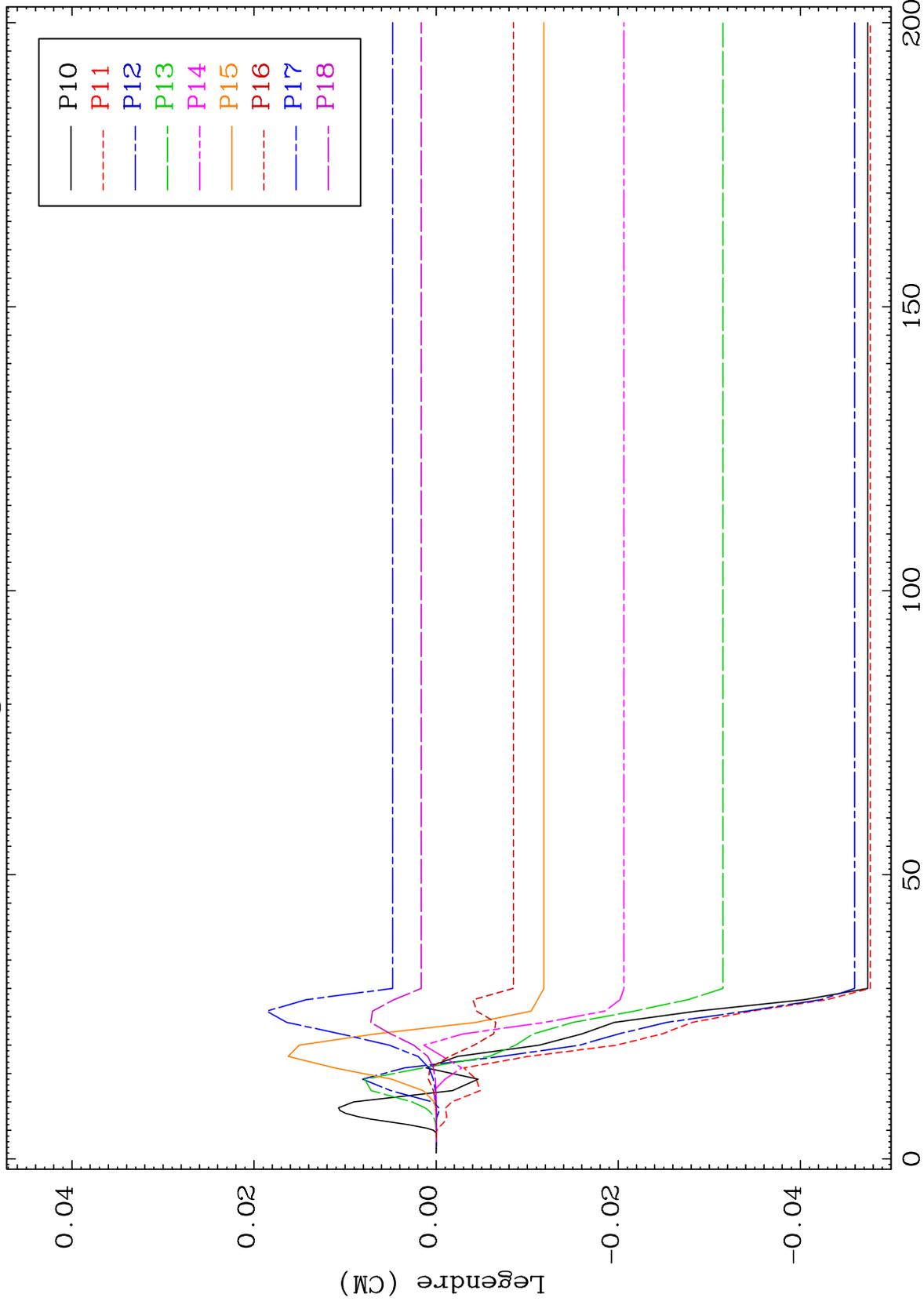
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MAT 5873

MT= 51 (n,n') Level  
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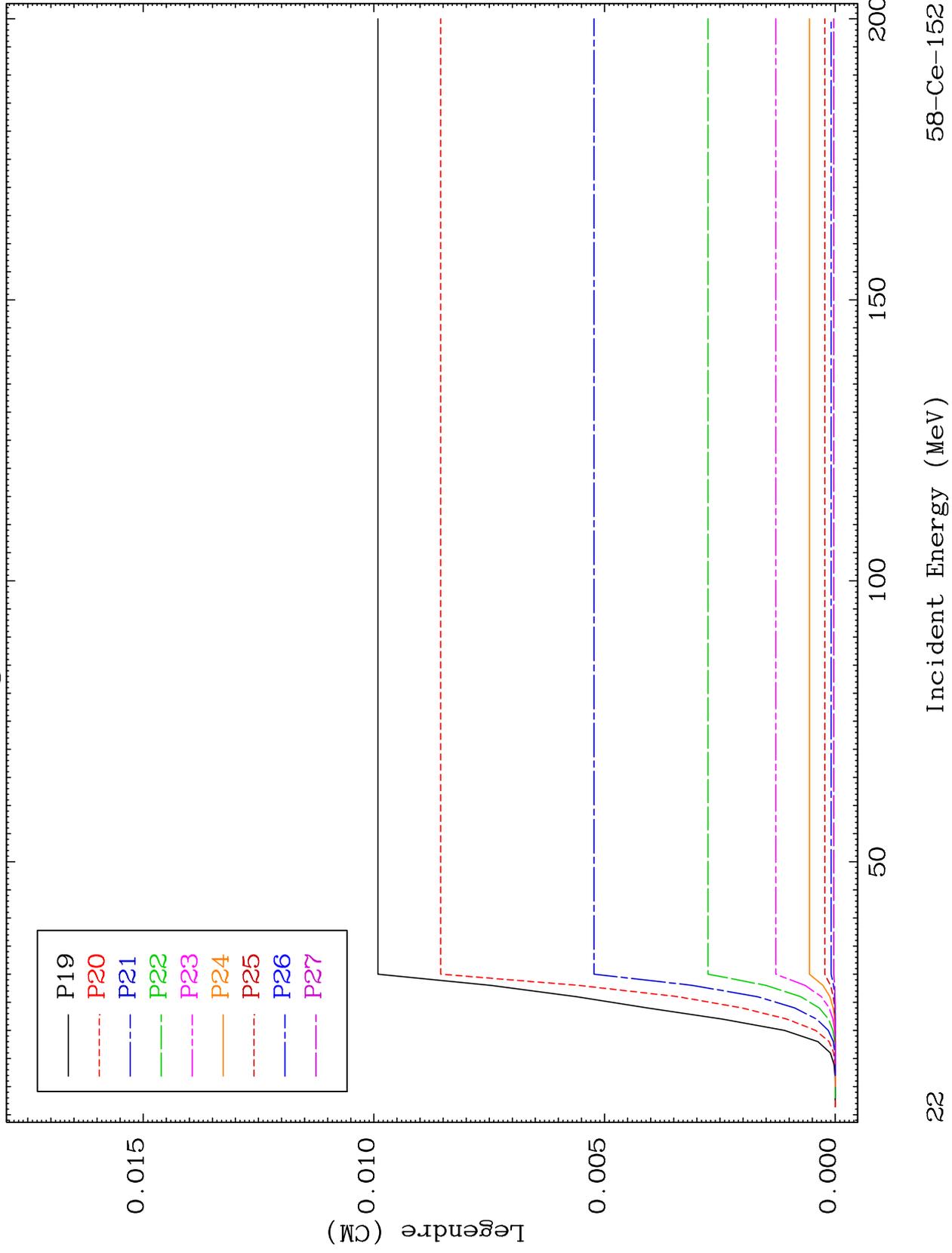
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MAT 5873

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

58-Ce-152



22

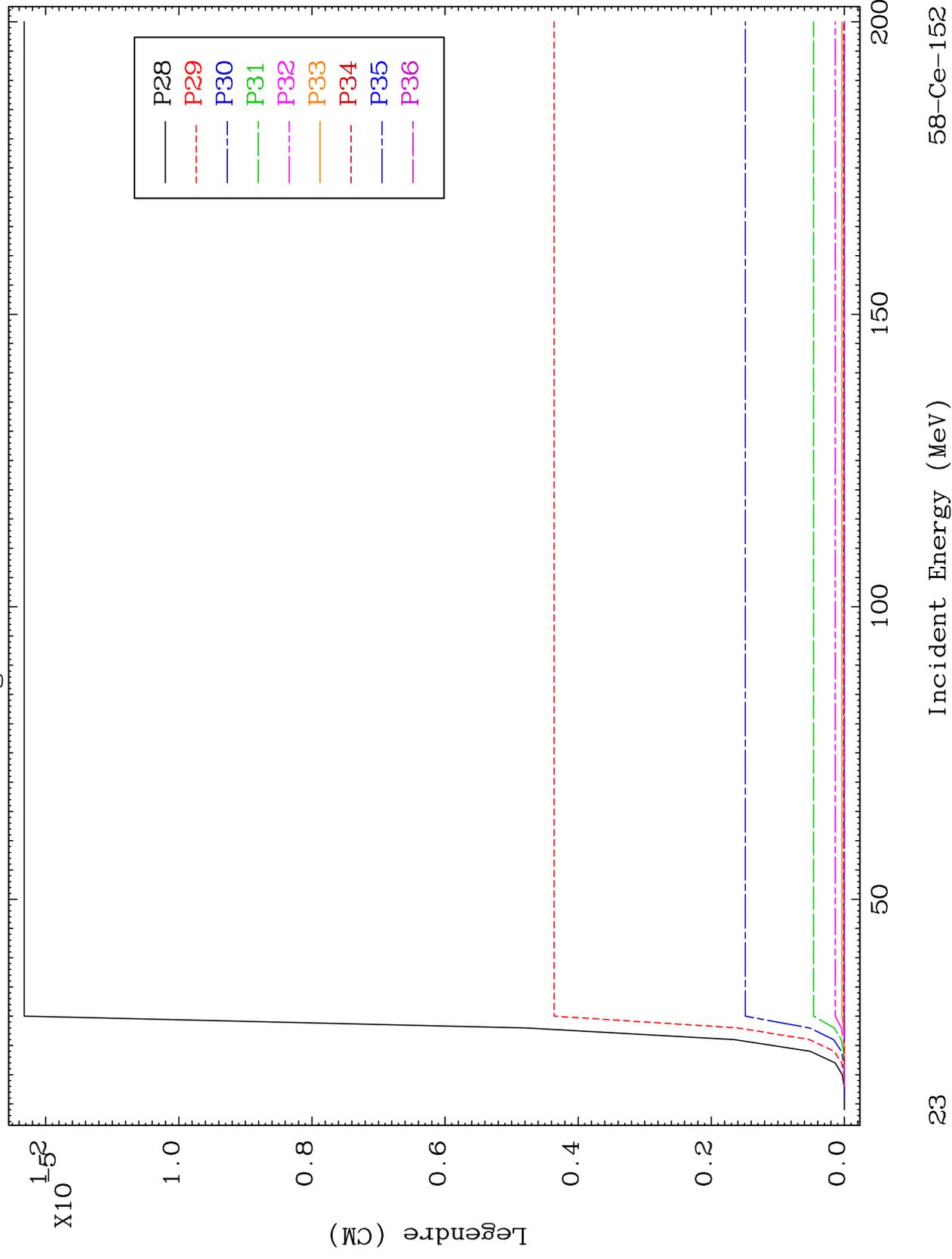
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



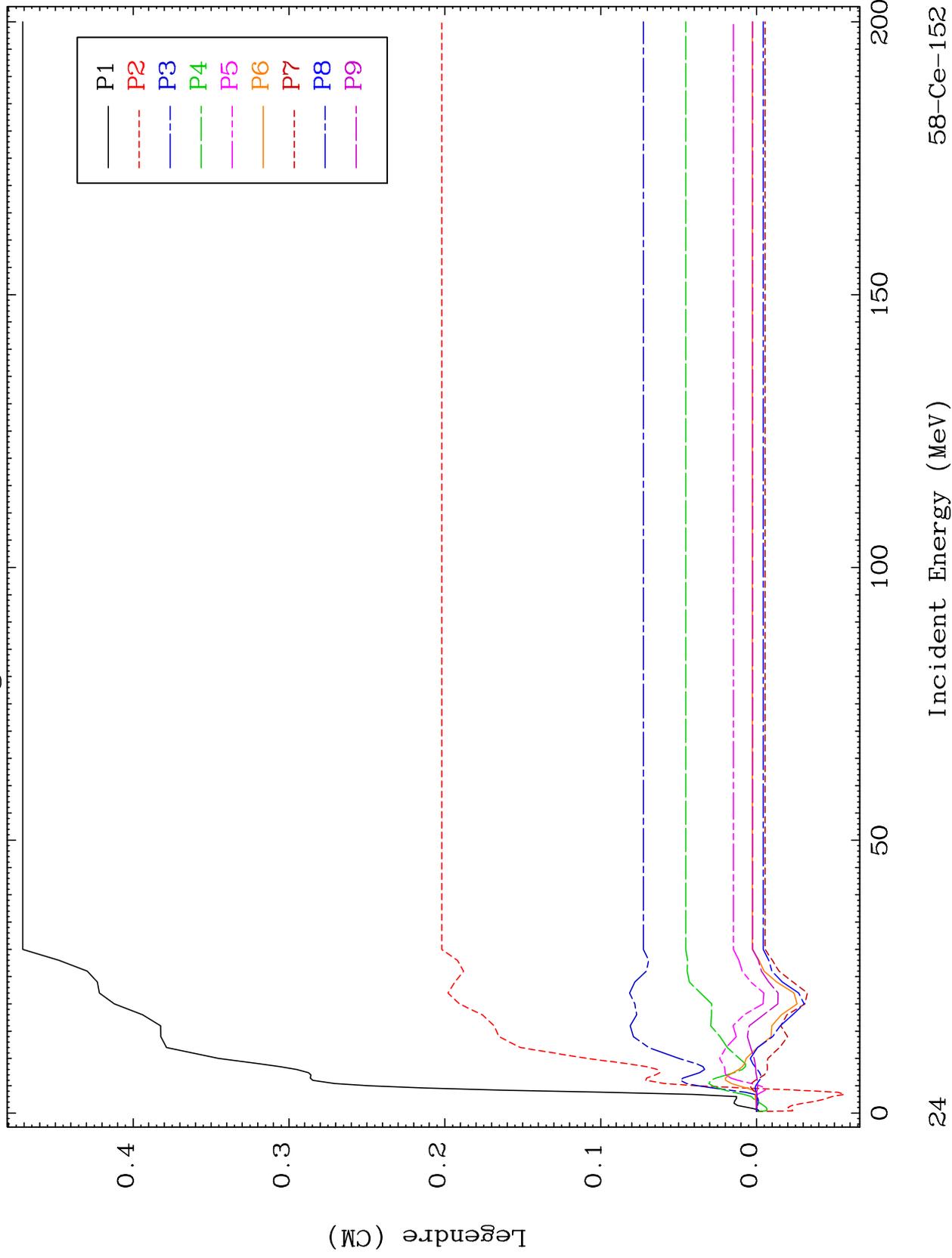
23

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

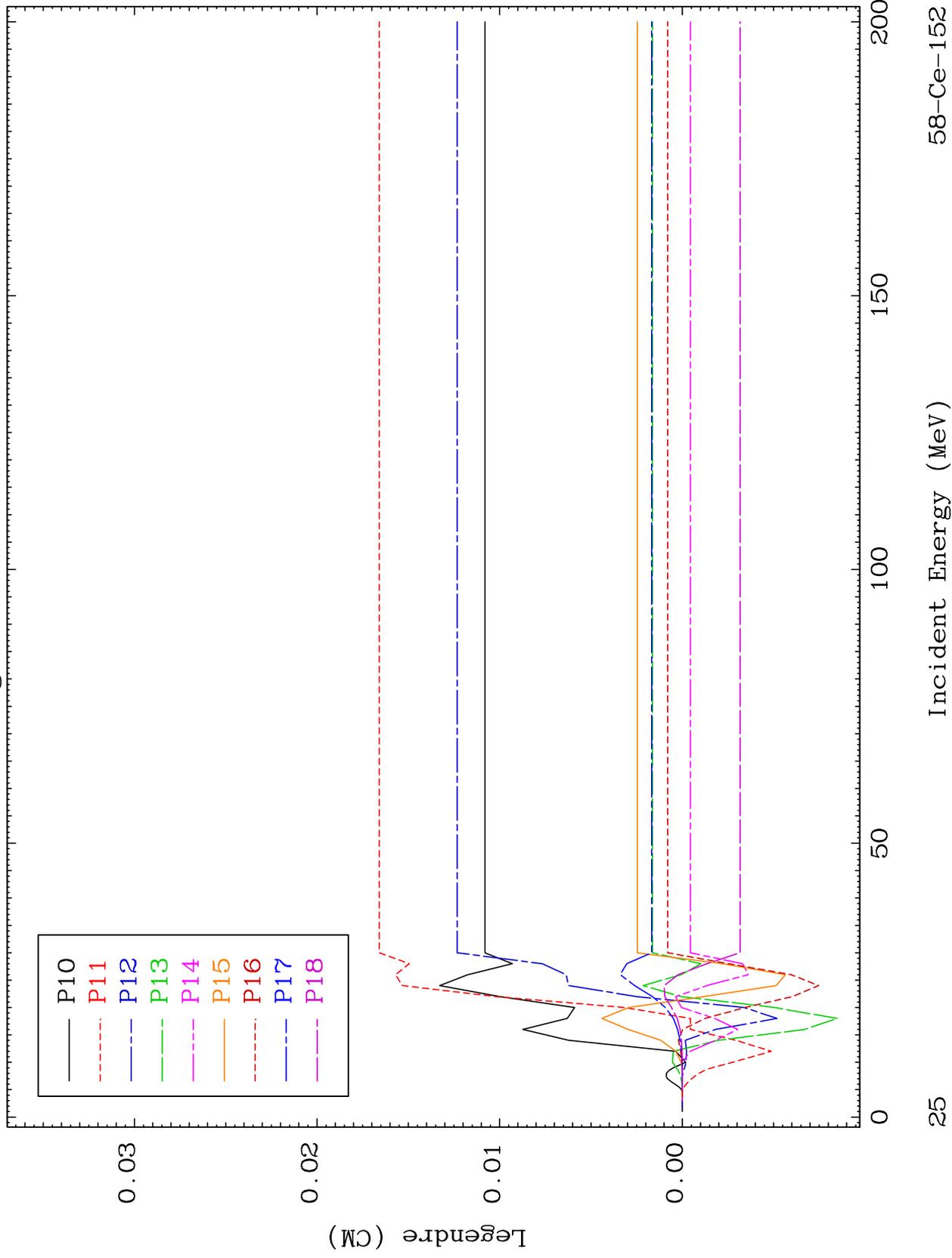
Incident Energy (MeV)

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MAT 5873

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

58-Ce-152



58-Ce-152

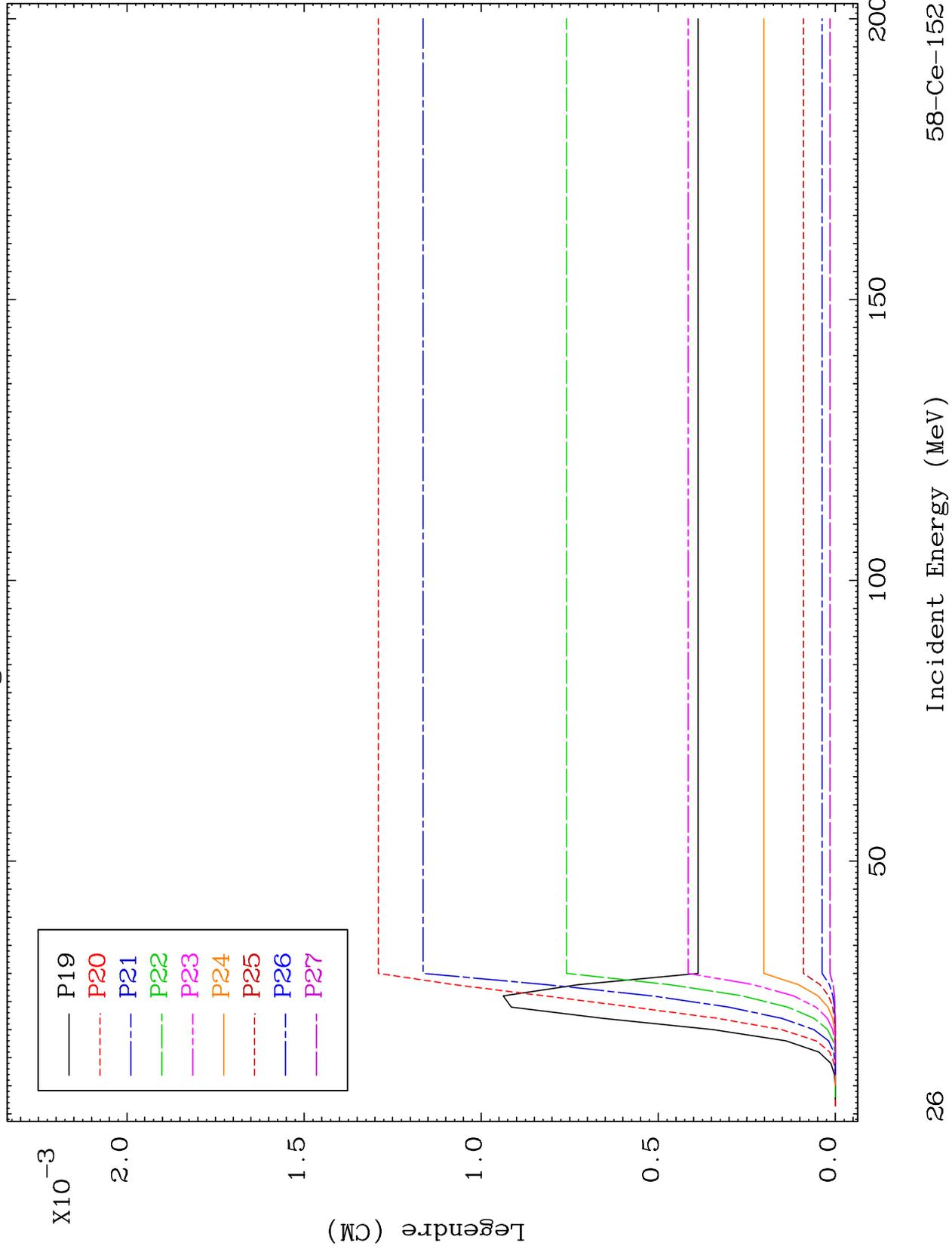
Incident Energy (MeV)

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MAT 5873

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

58-Ce-152

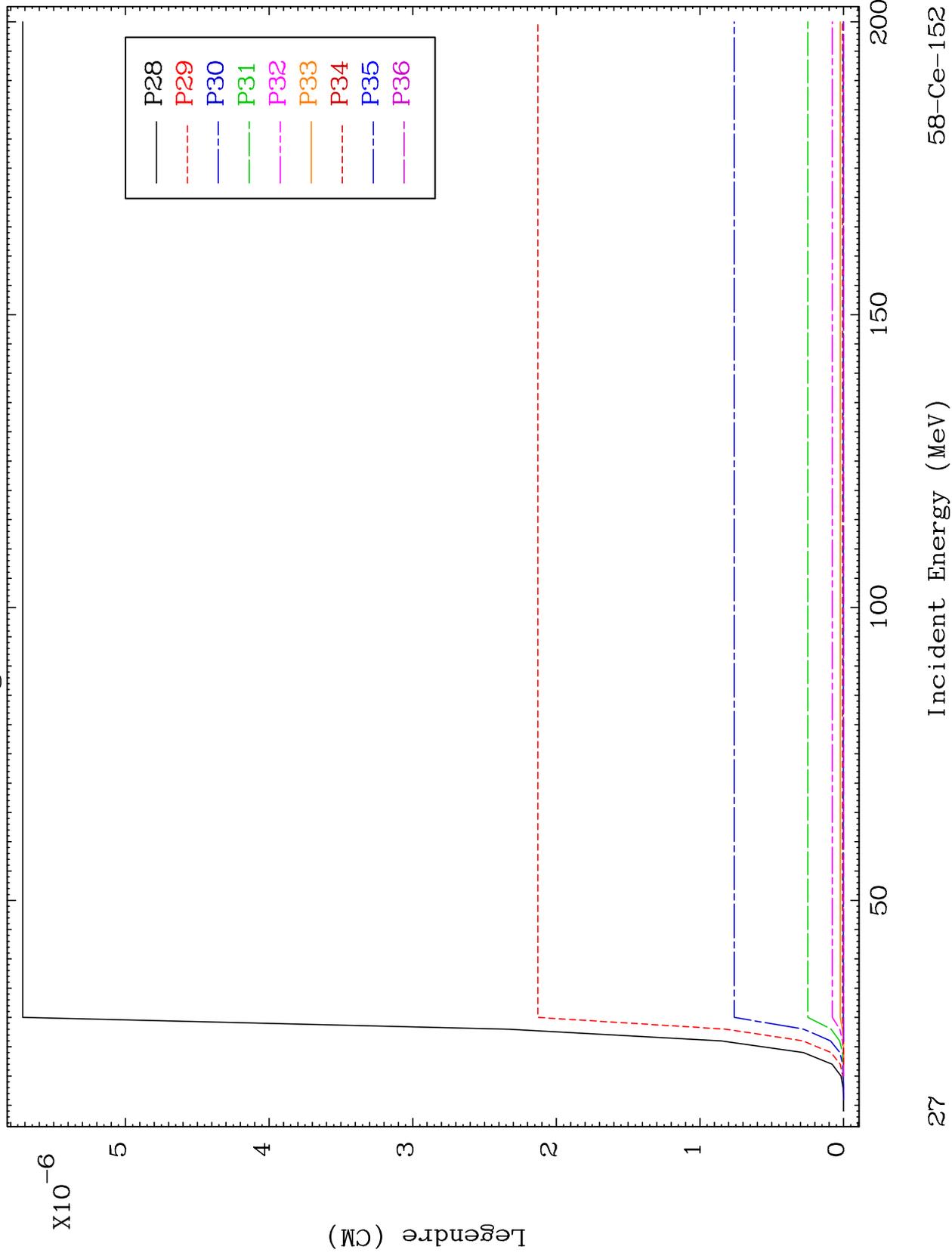


26

MAT 5873

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

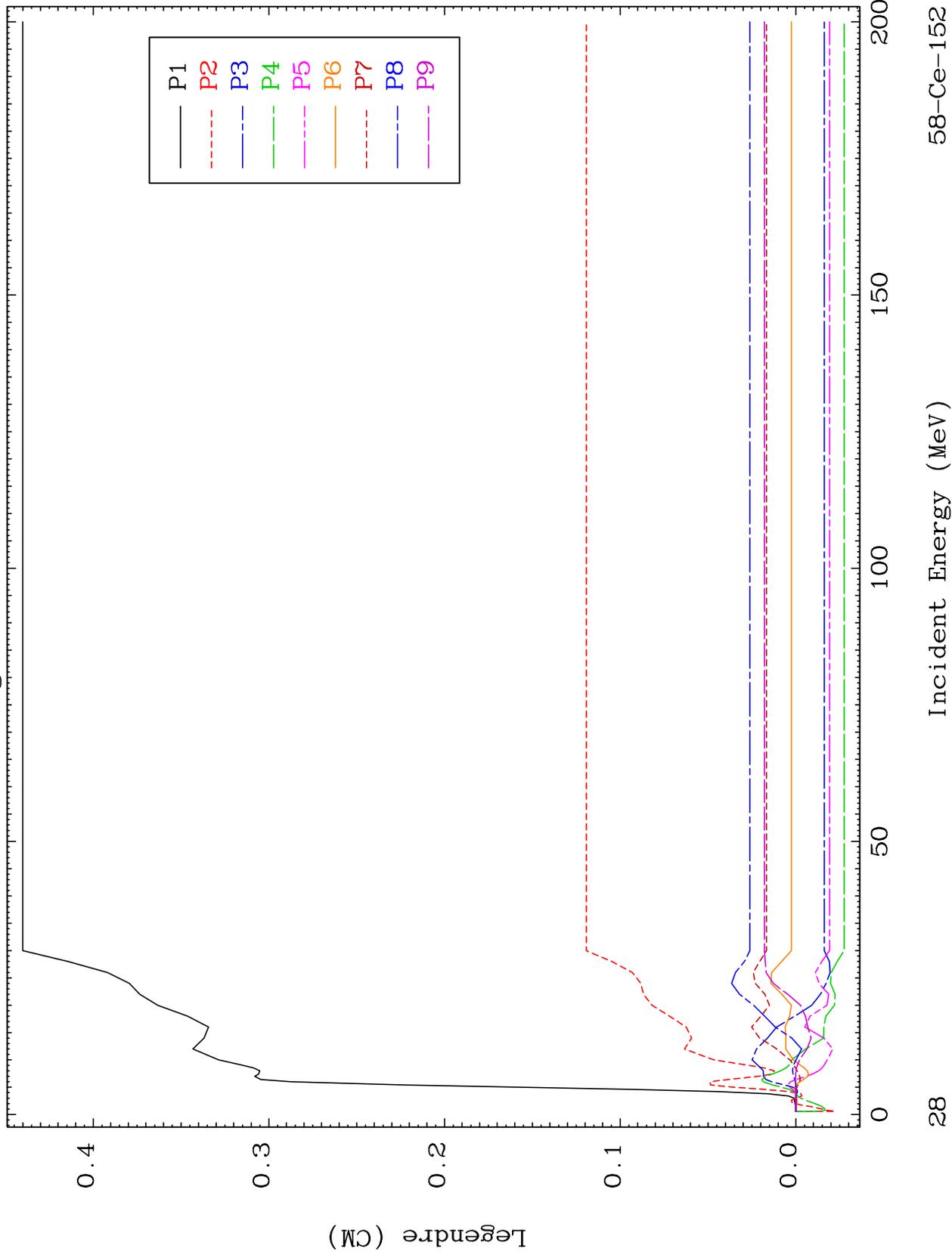
58-Ce-152



MAT 5873

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

58-Ce-152



58-Ce-152

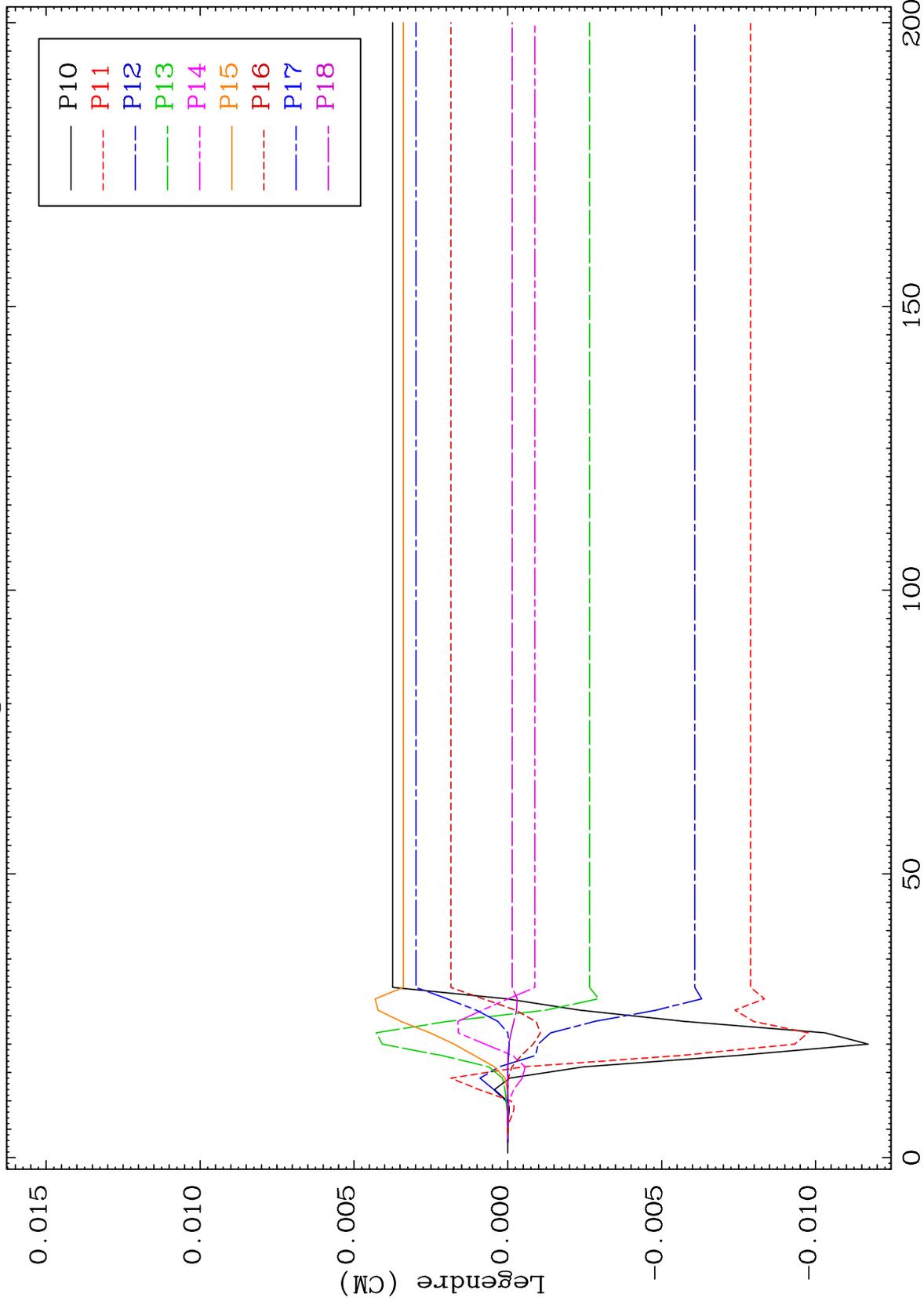
Incident Energy (MeV)

28

MAT 5873

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

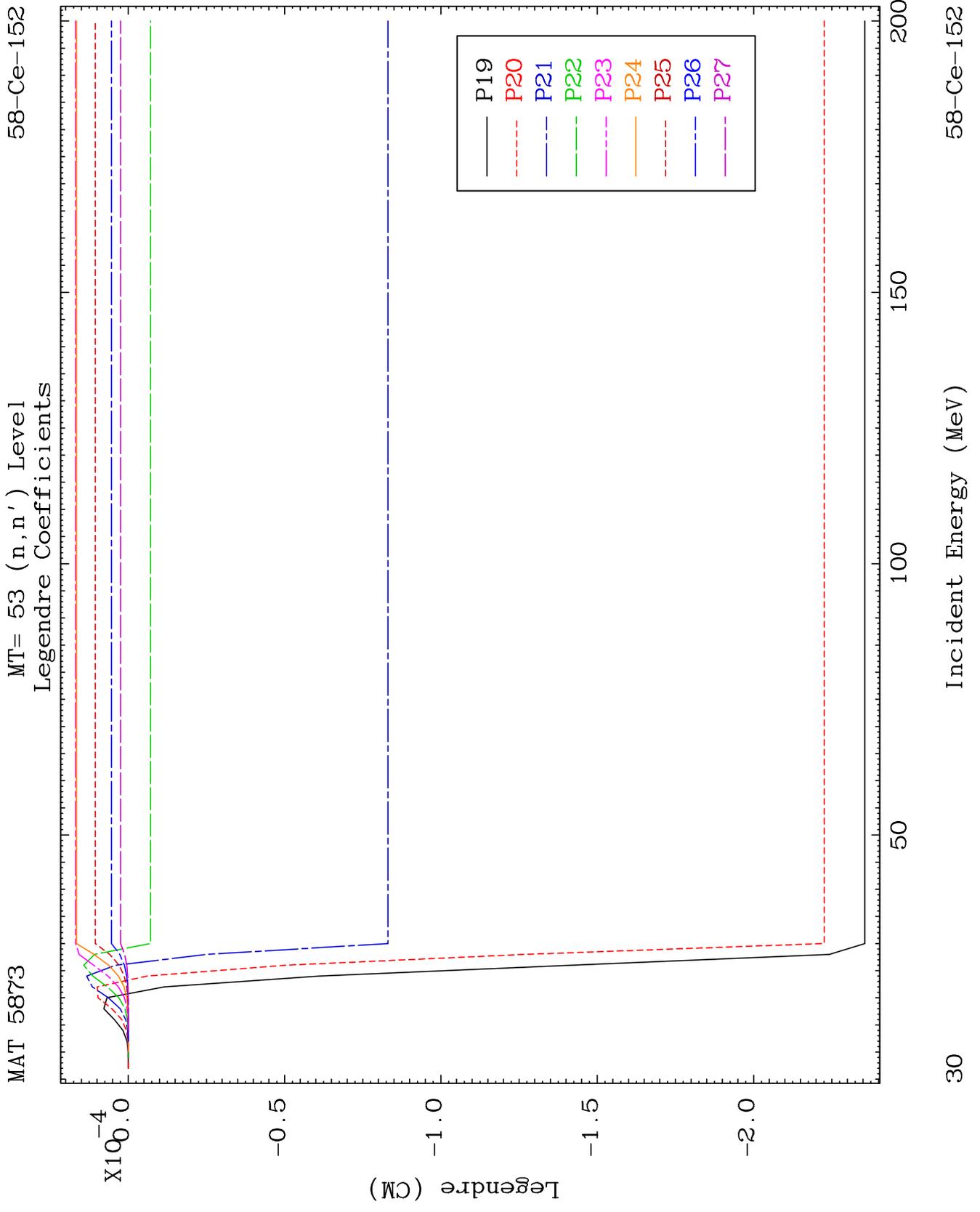
58-Ce-152



29

Incident Energy (MeV)

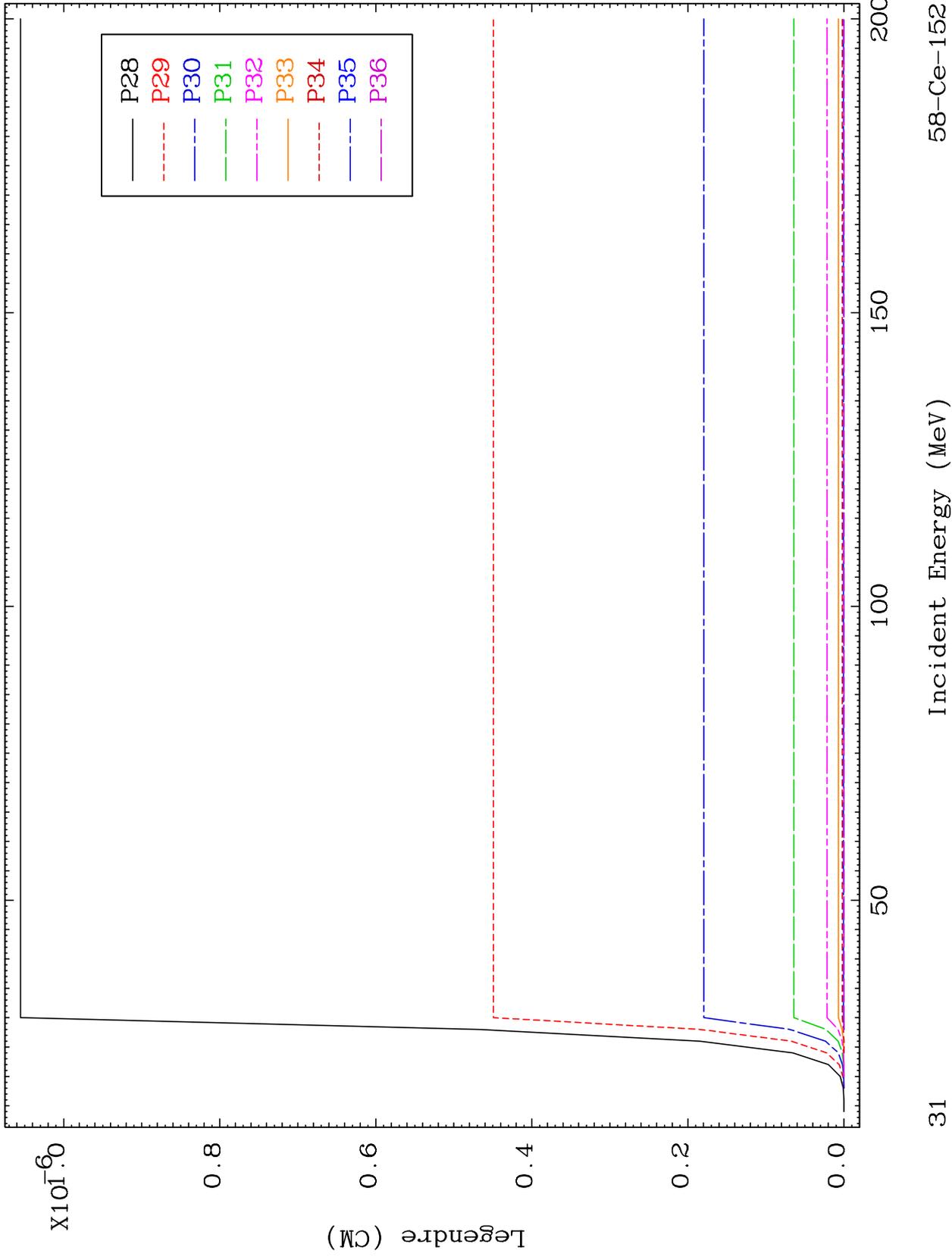
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MAT 5873

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

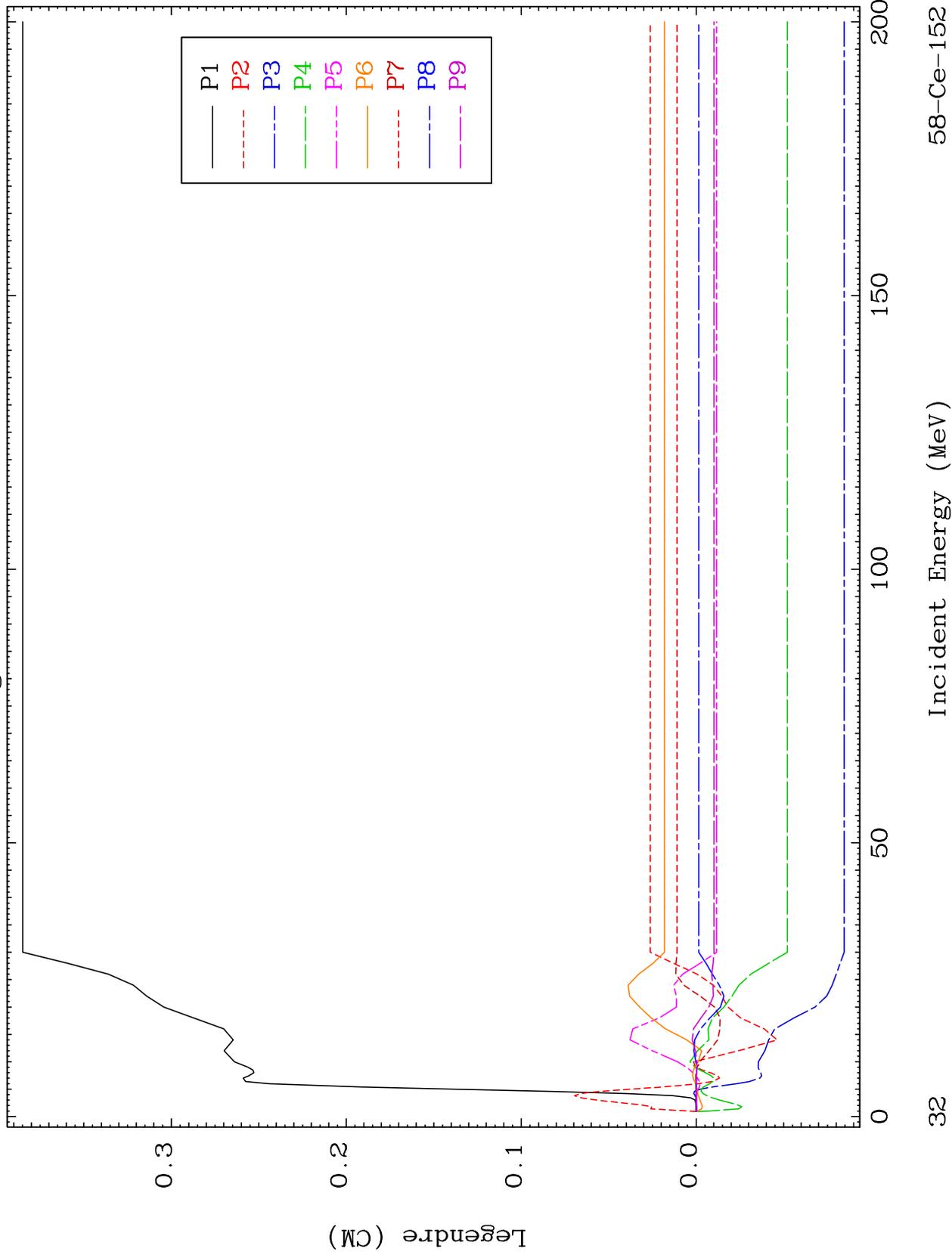
58-Ce-152



MAT 5873

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

58-Ce-152



58-Ce-152

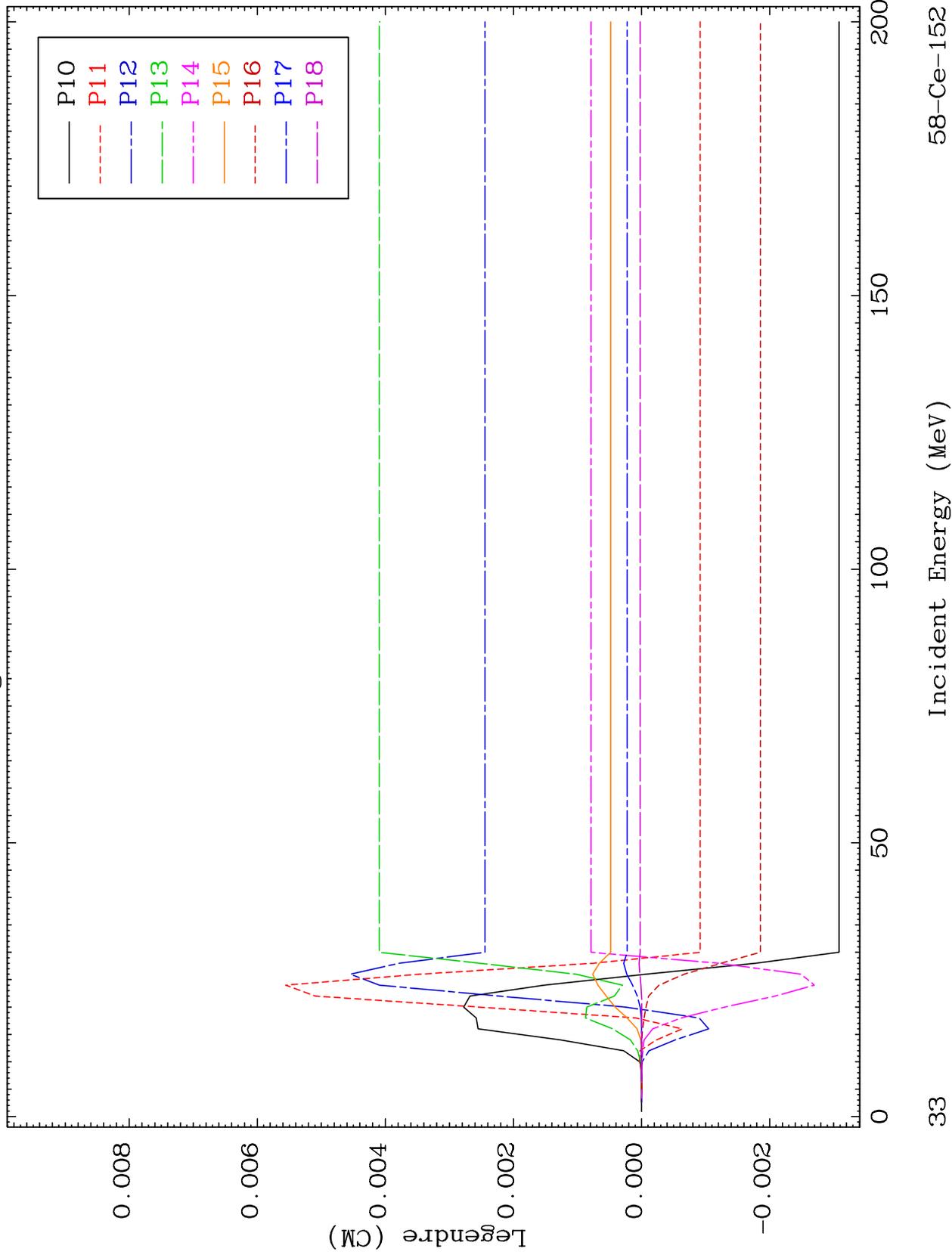
Incident Energy (MeV)

32

MAT 5873

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

58-Ce-152



33

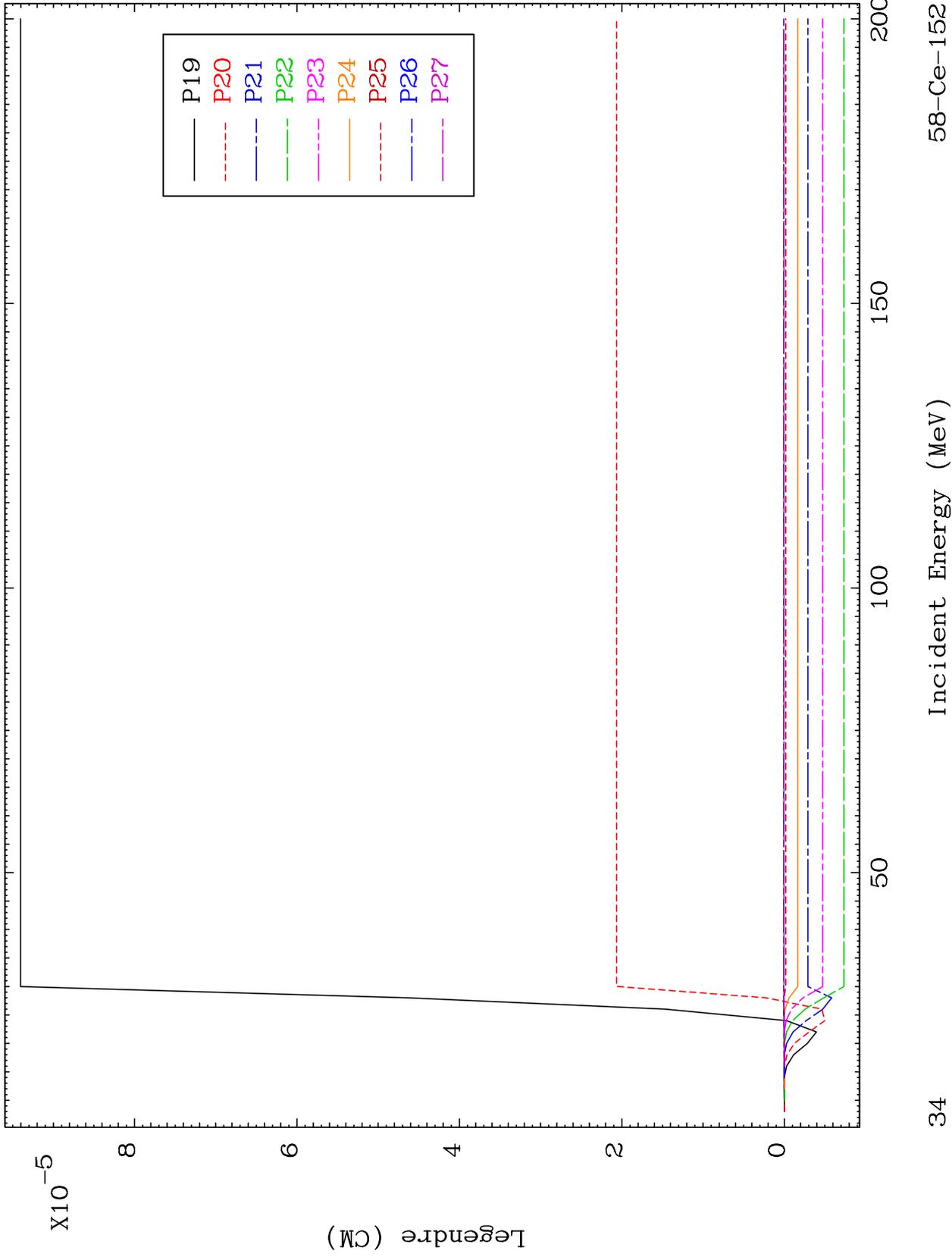
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

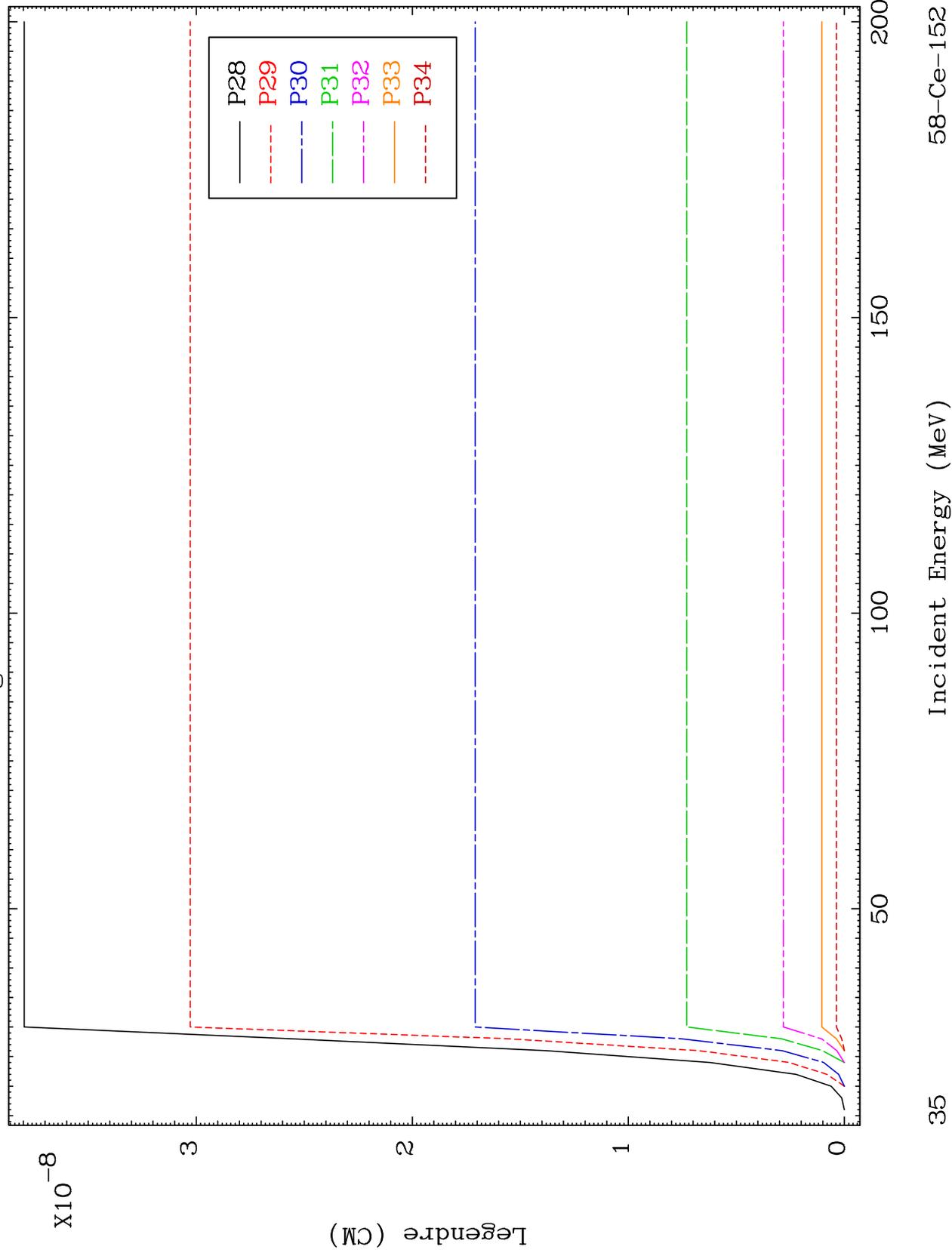
58-Ce-152



MAT 5873

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

58-Ce-152



35

50

100

150

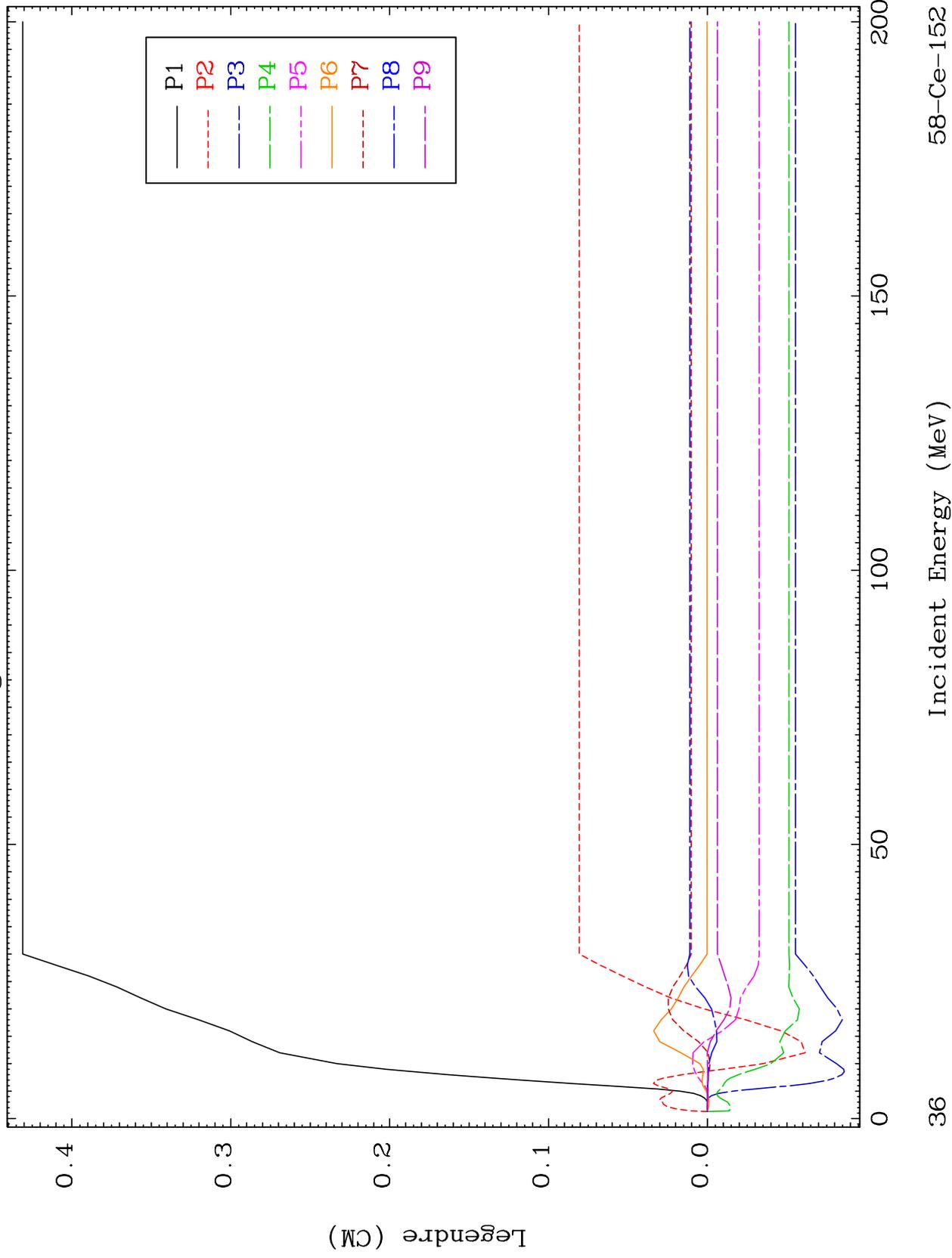
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58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

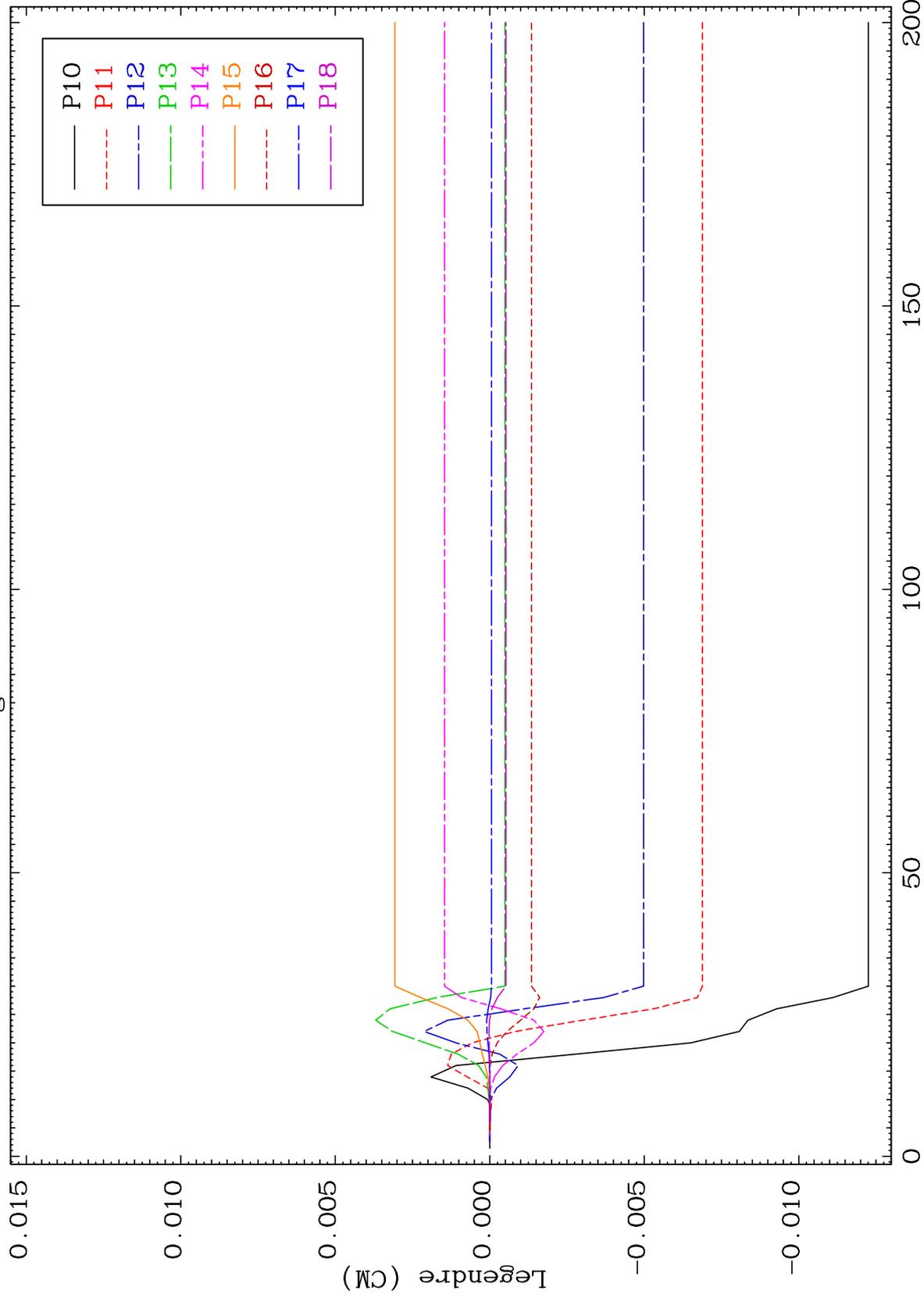
Incident Energy (MeV)

36

MAT 5873

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

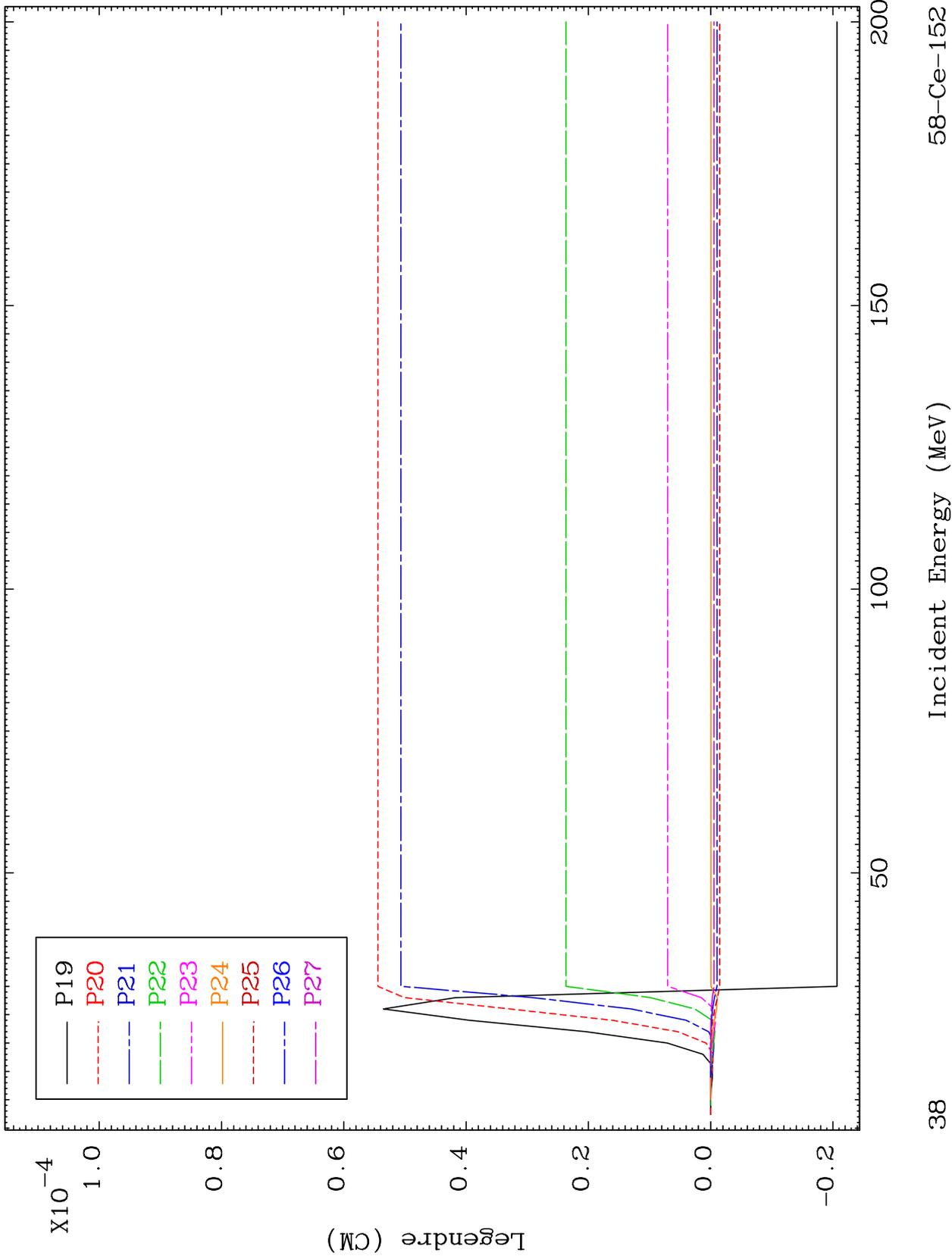
58-Ce-152



37

Incident Energy (MeV)

58-Ce-152

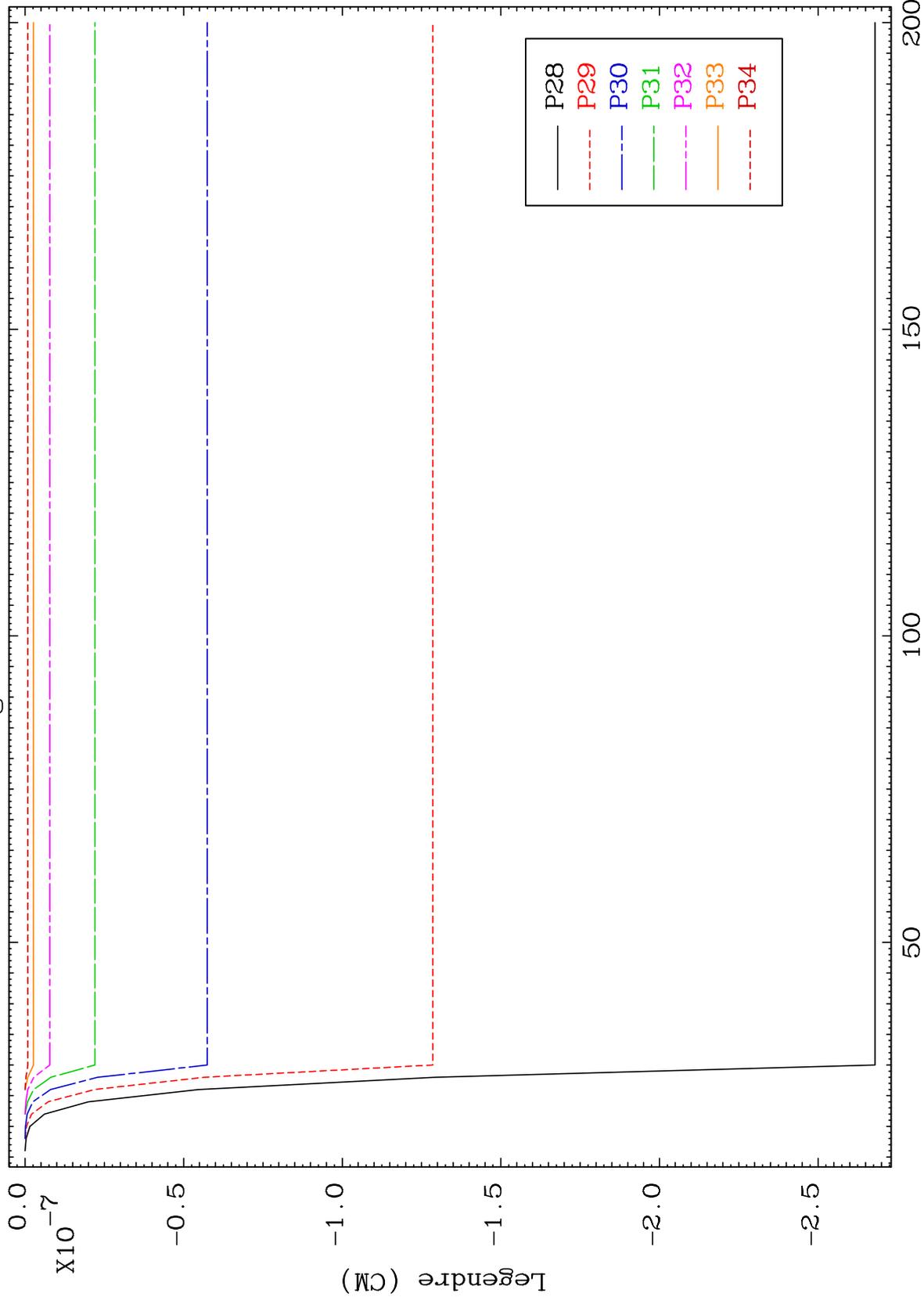


MAT 5873

MT= 55 (n,n') Level

58-Ce-152

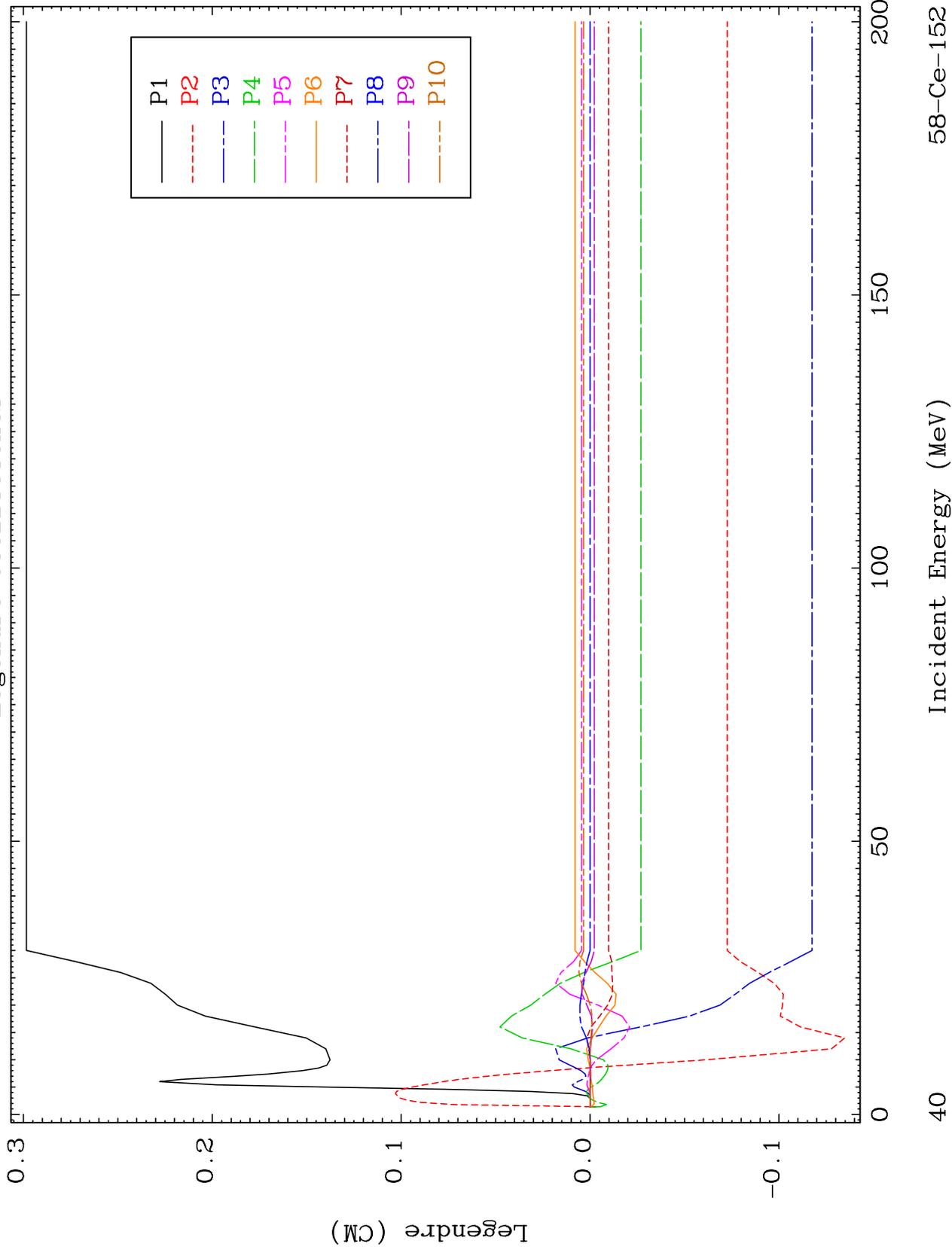
Legendre Coefficients



MAT 5873

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

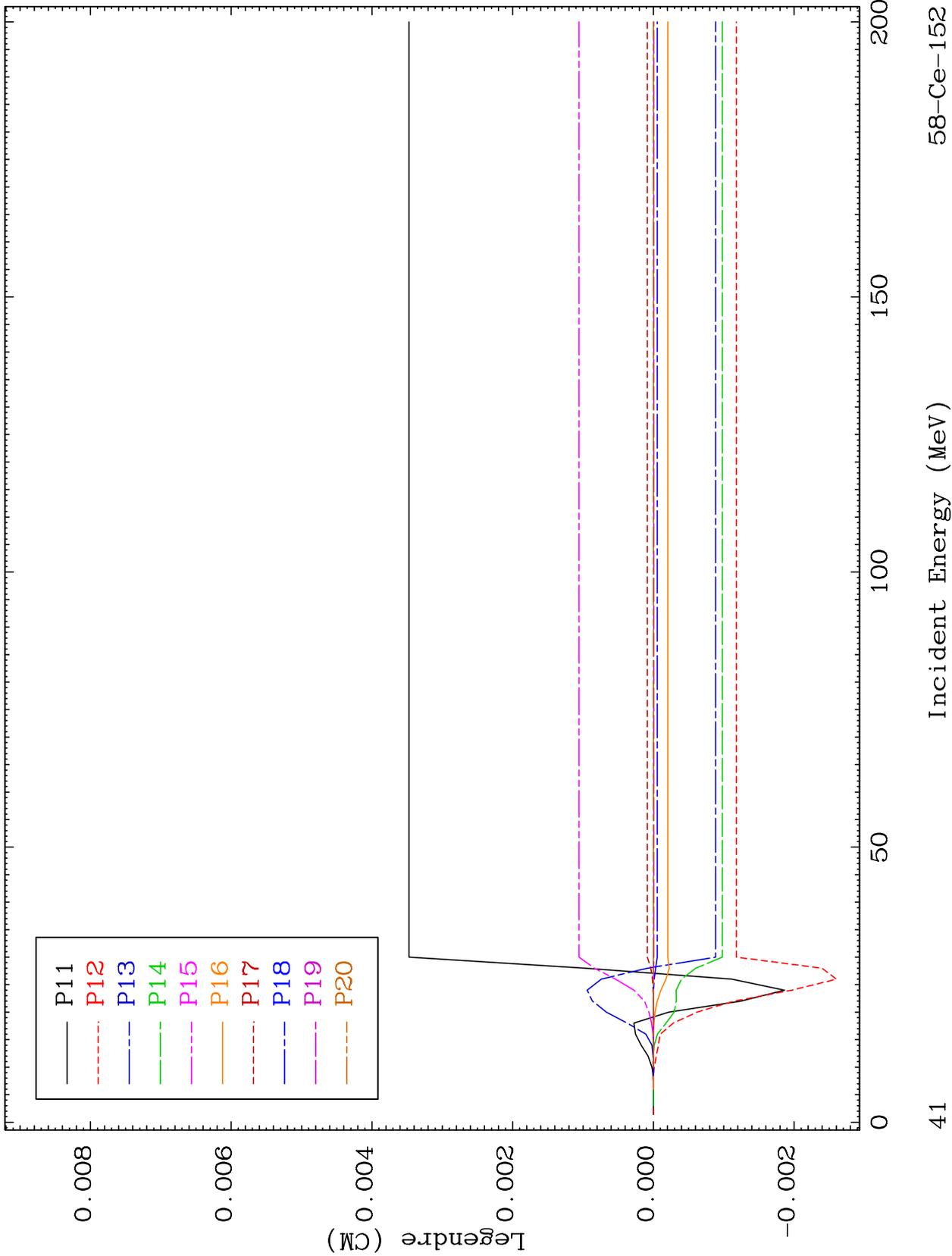
58-Ce-152



MAT 5873

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

58-Ce-152



41

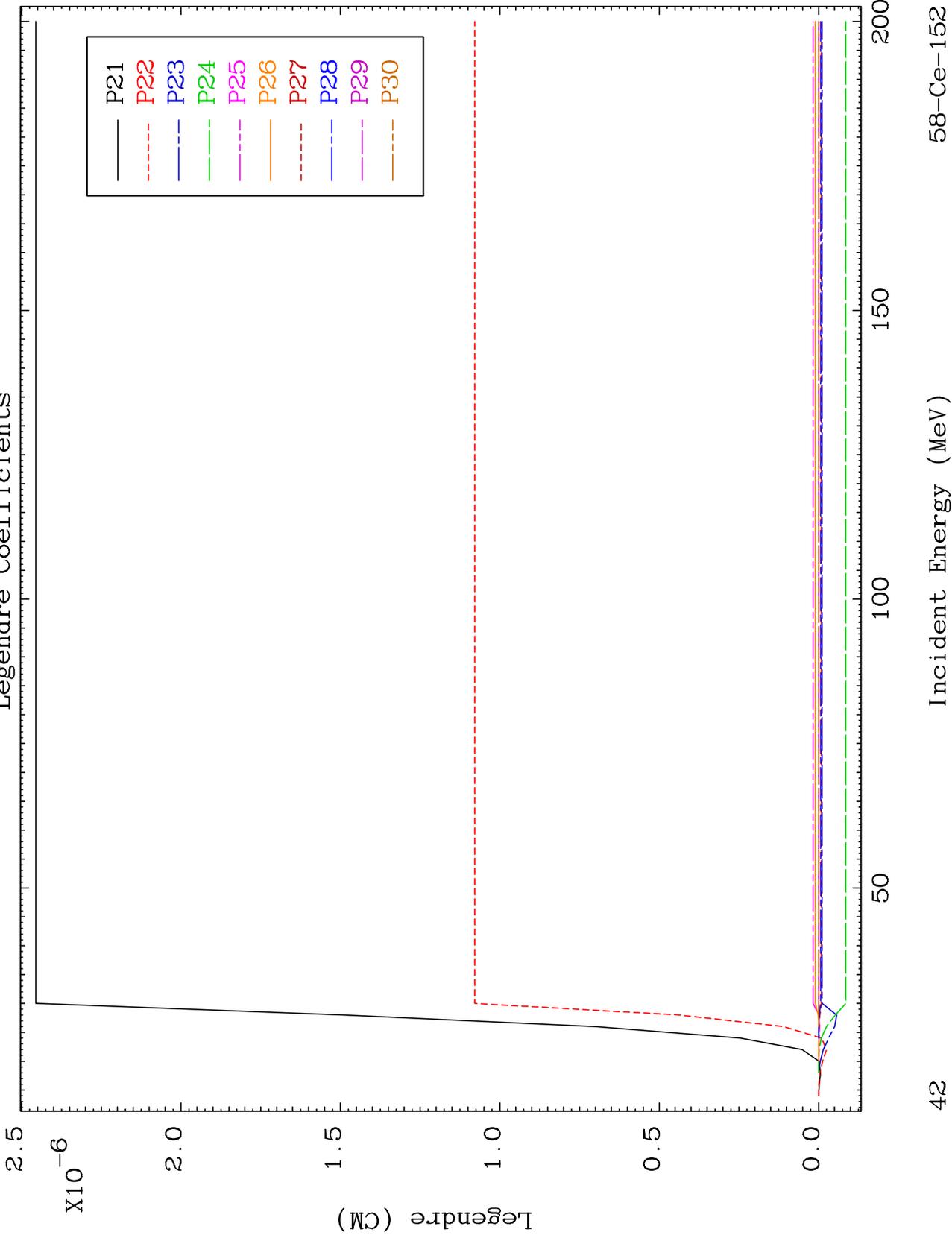
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



42

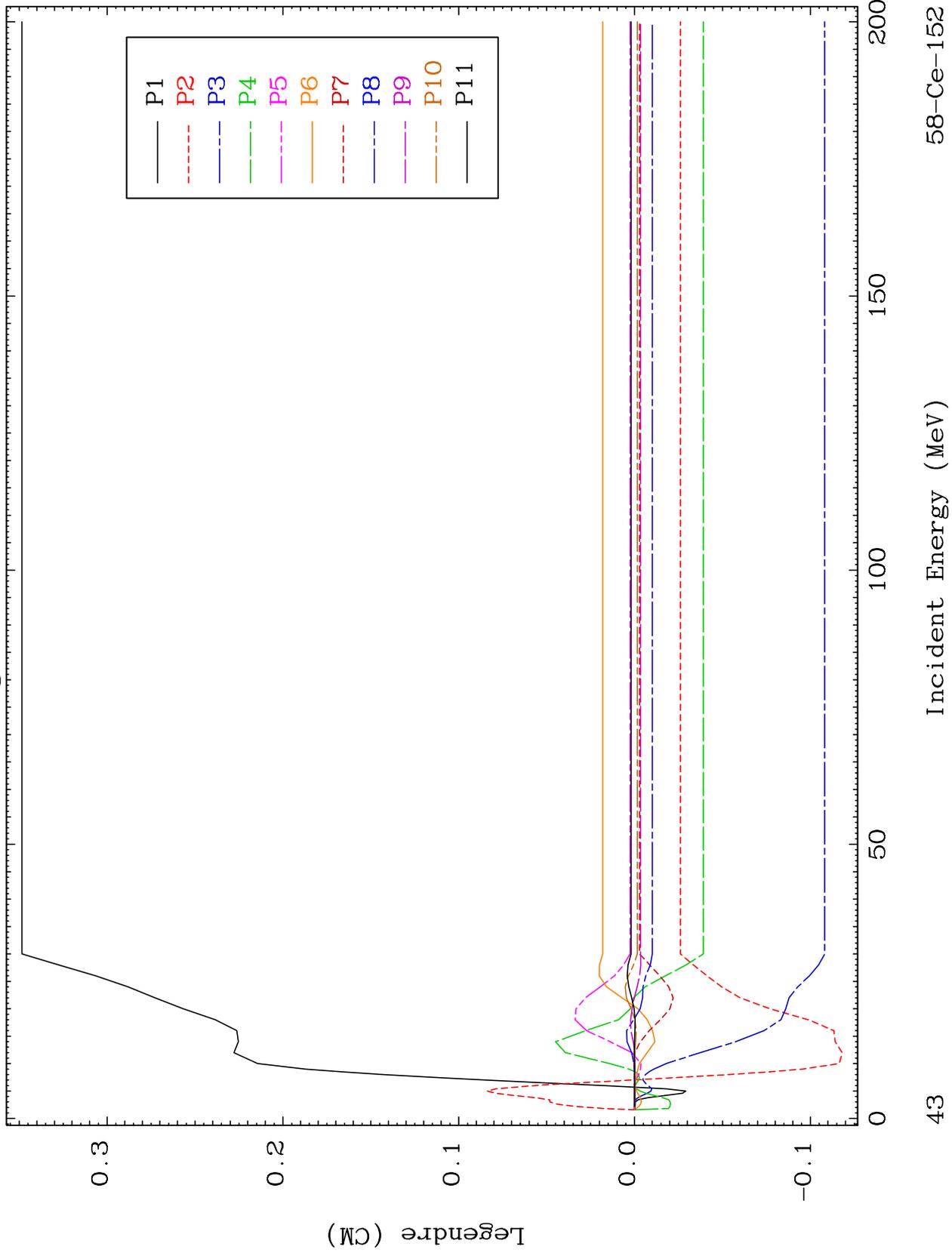
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

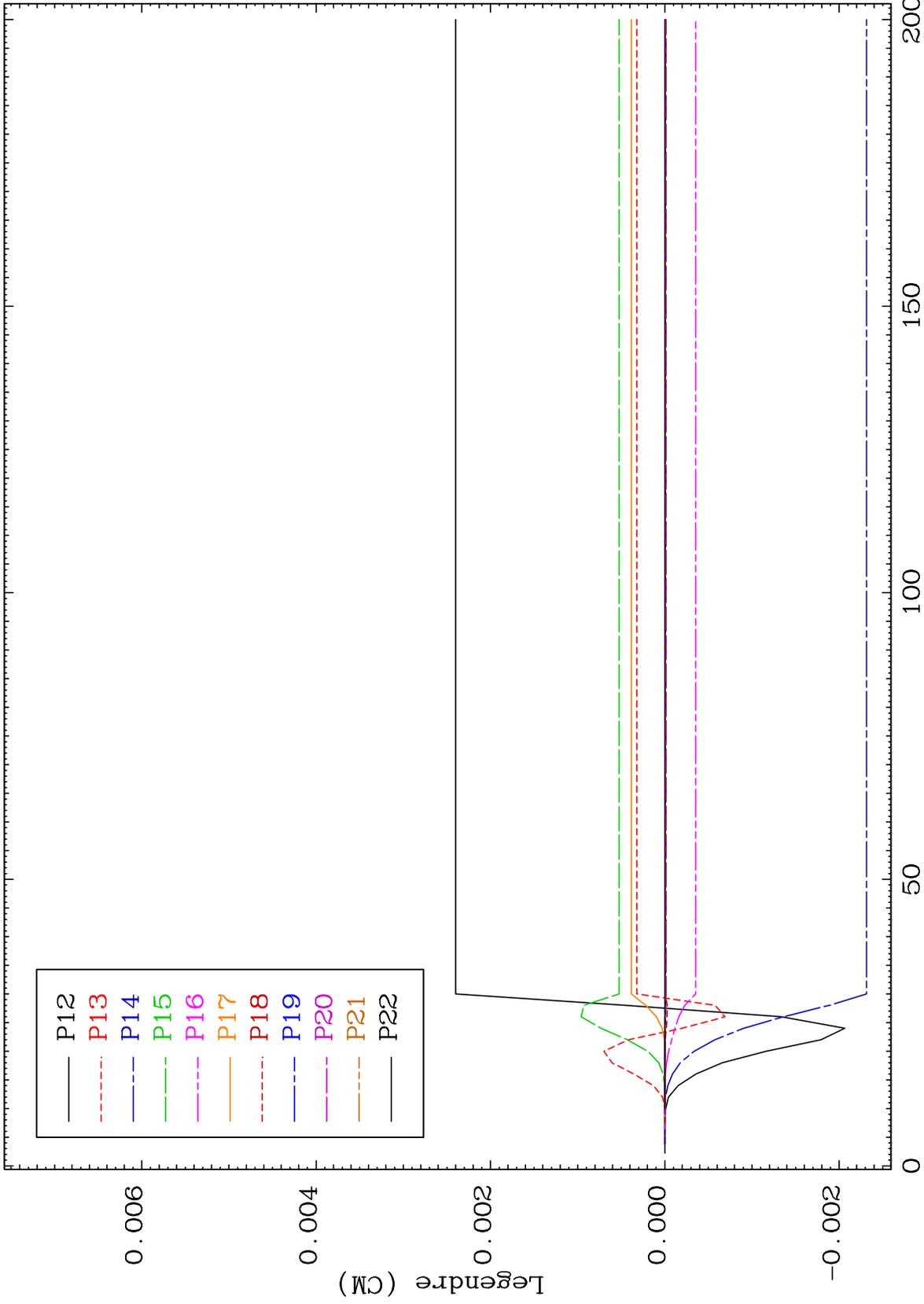
Incident Energy (MeV)

43

MAT 5873

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

58-Ce-152



44

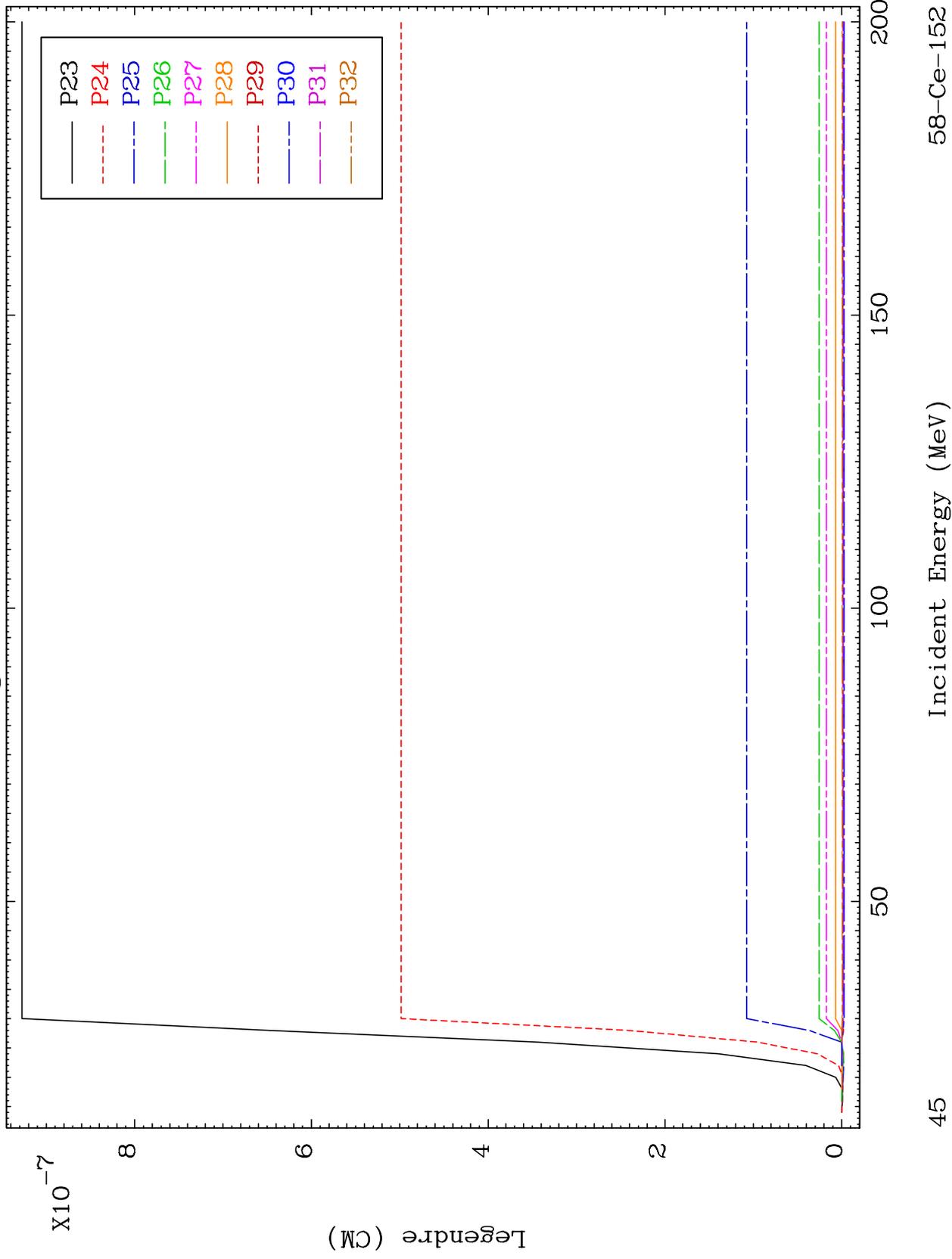
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

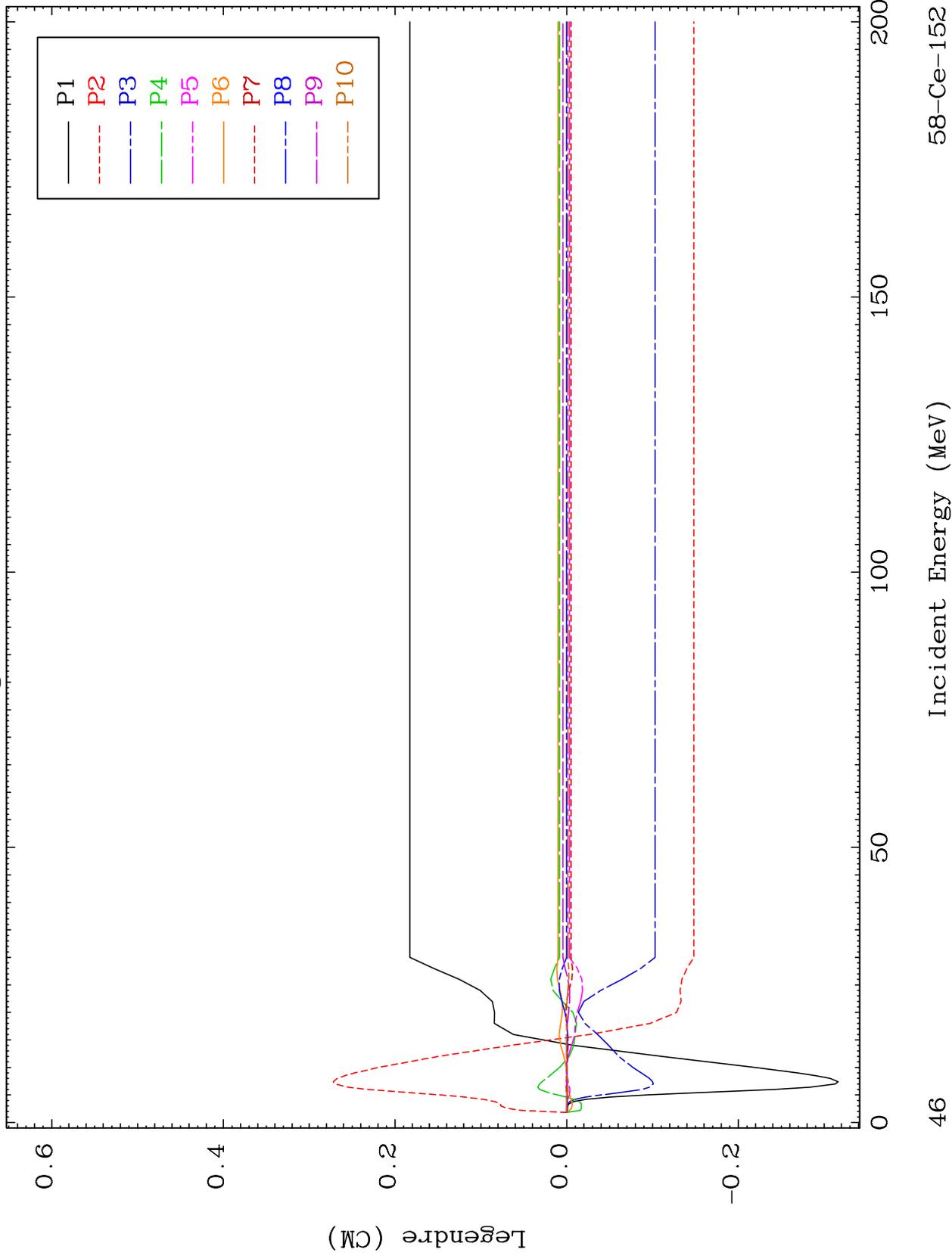
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MAT 5873

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

58-Ce-152



58-Ce-152

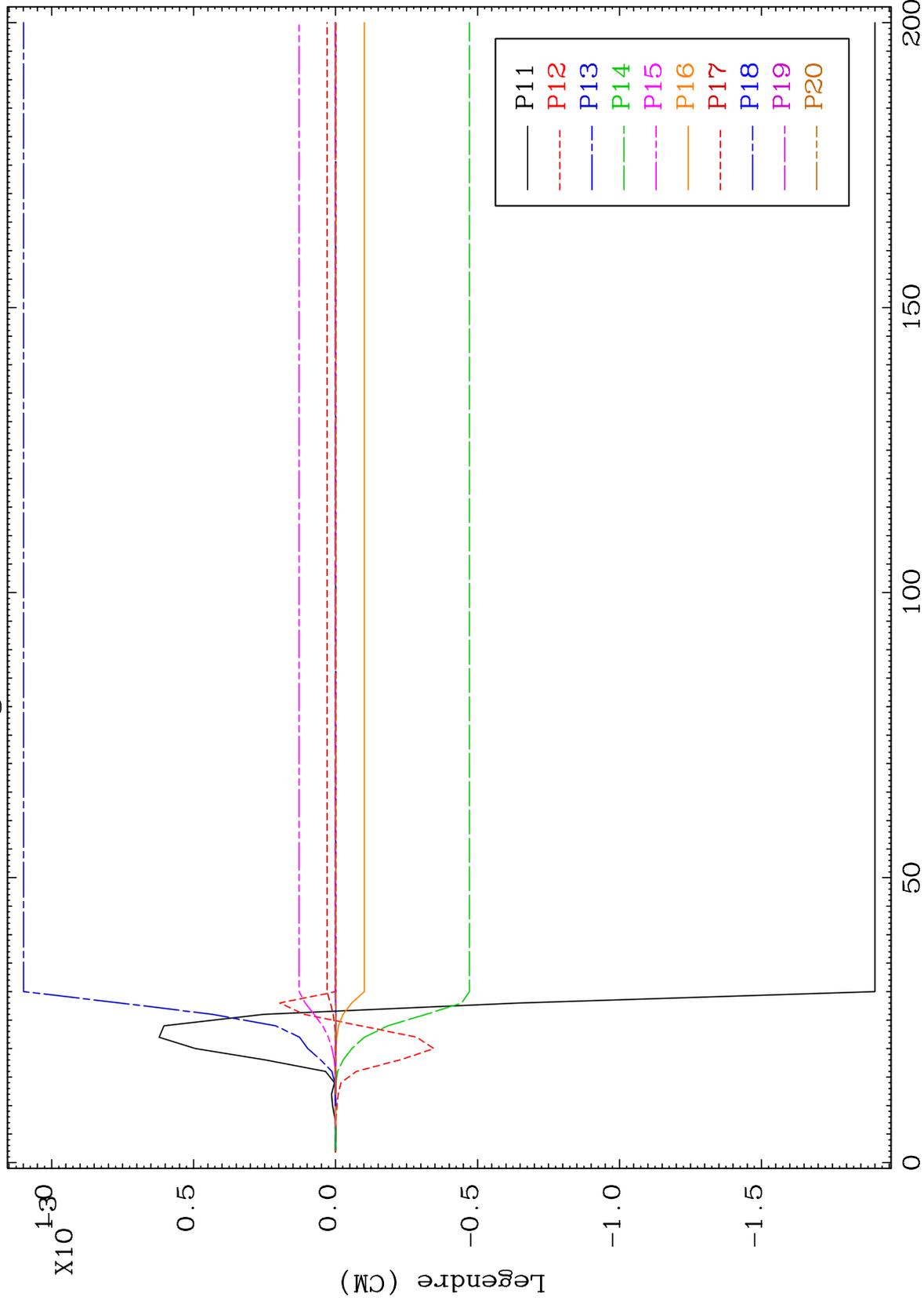
Incident Energy (MeV)

46

MAT 5873

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

58-Ce-152



47

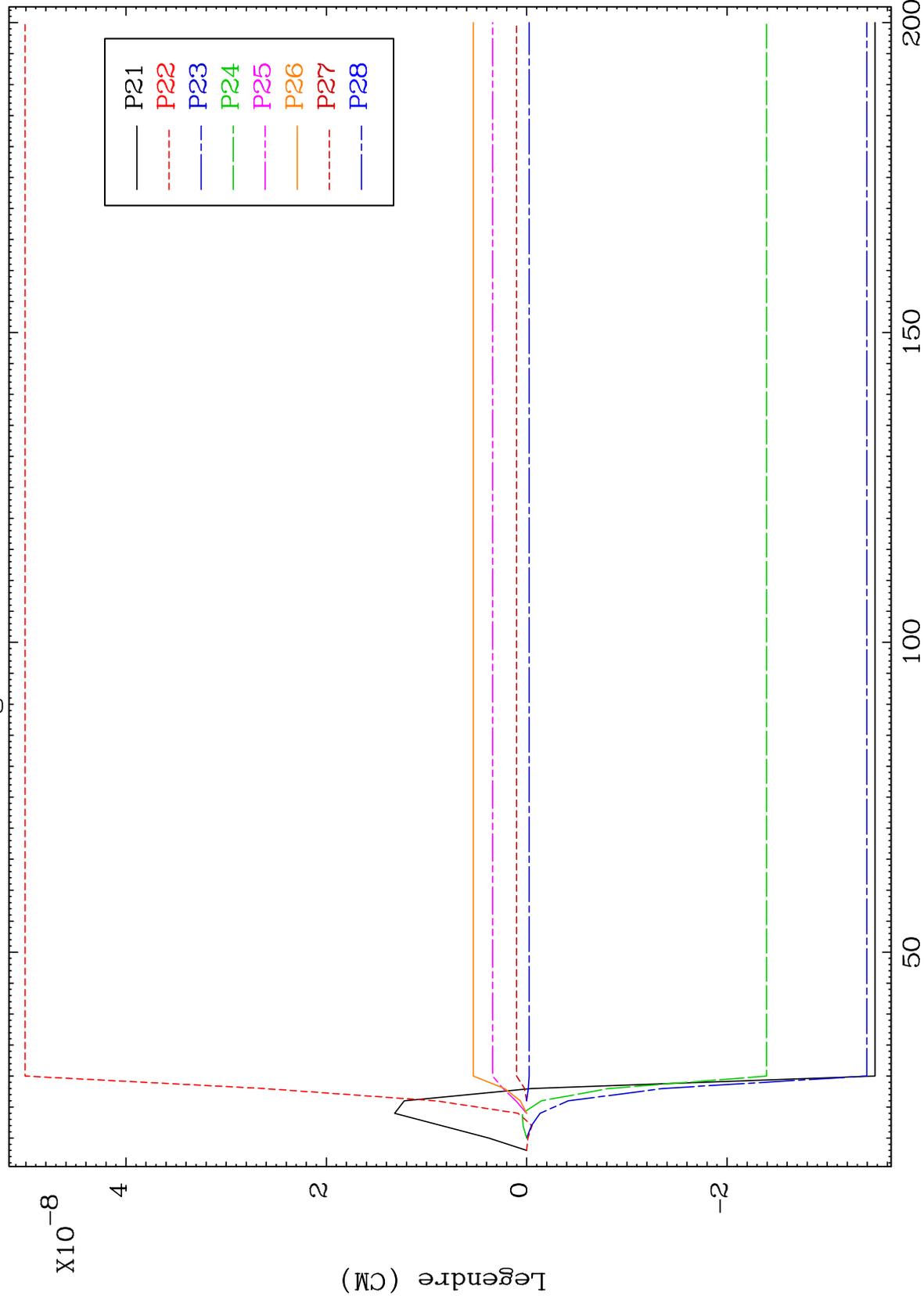
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



48

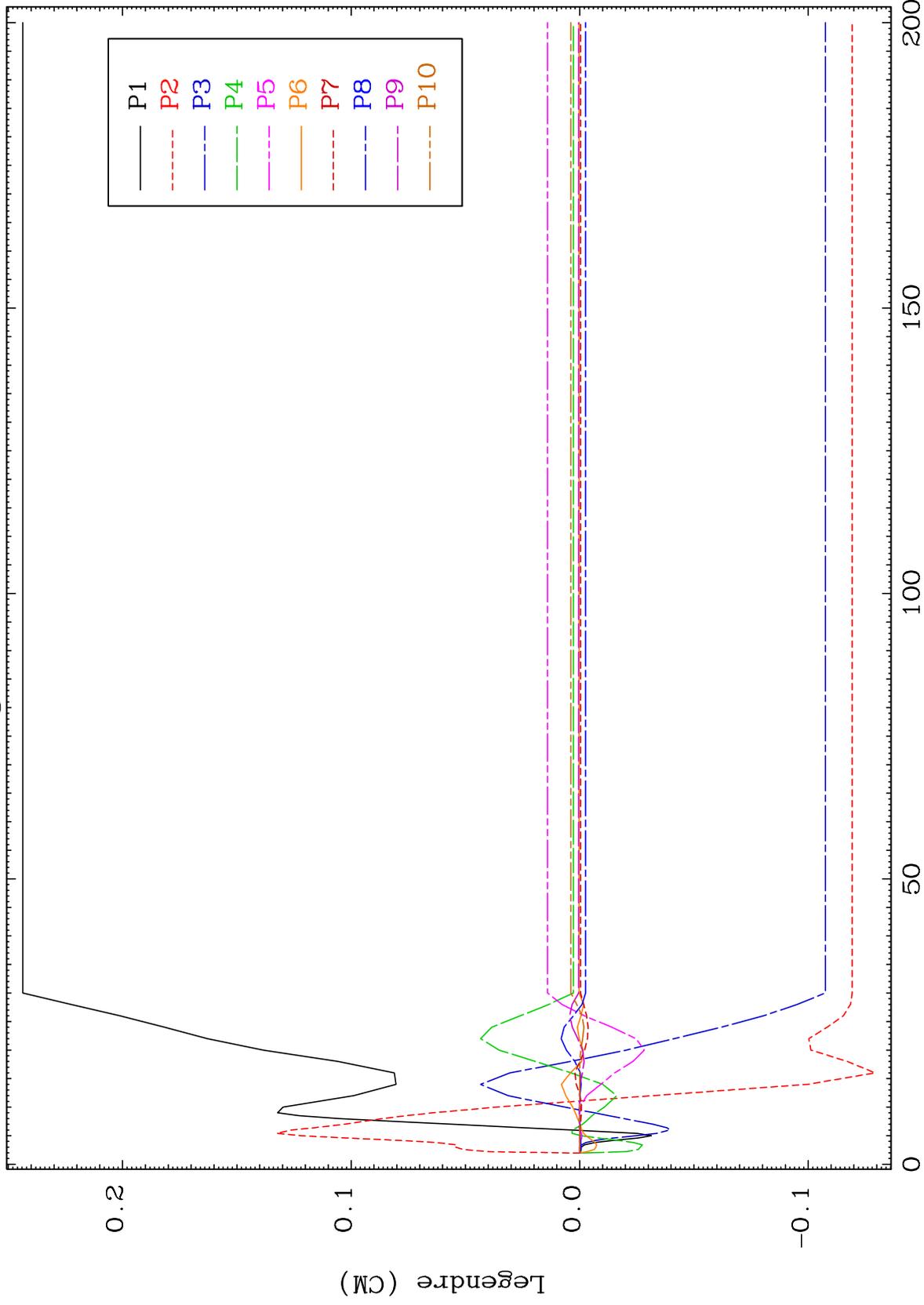
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



49

Incident Energy (MeV)

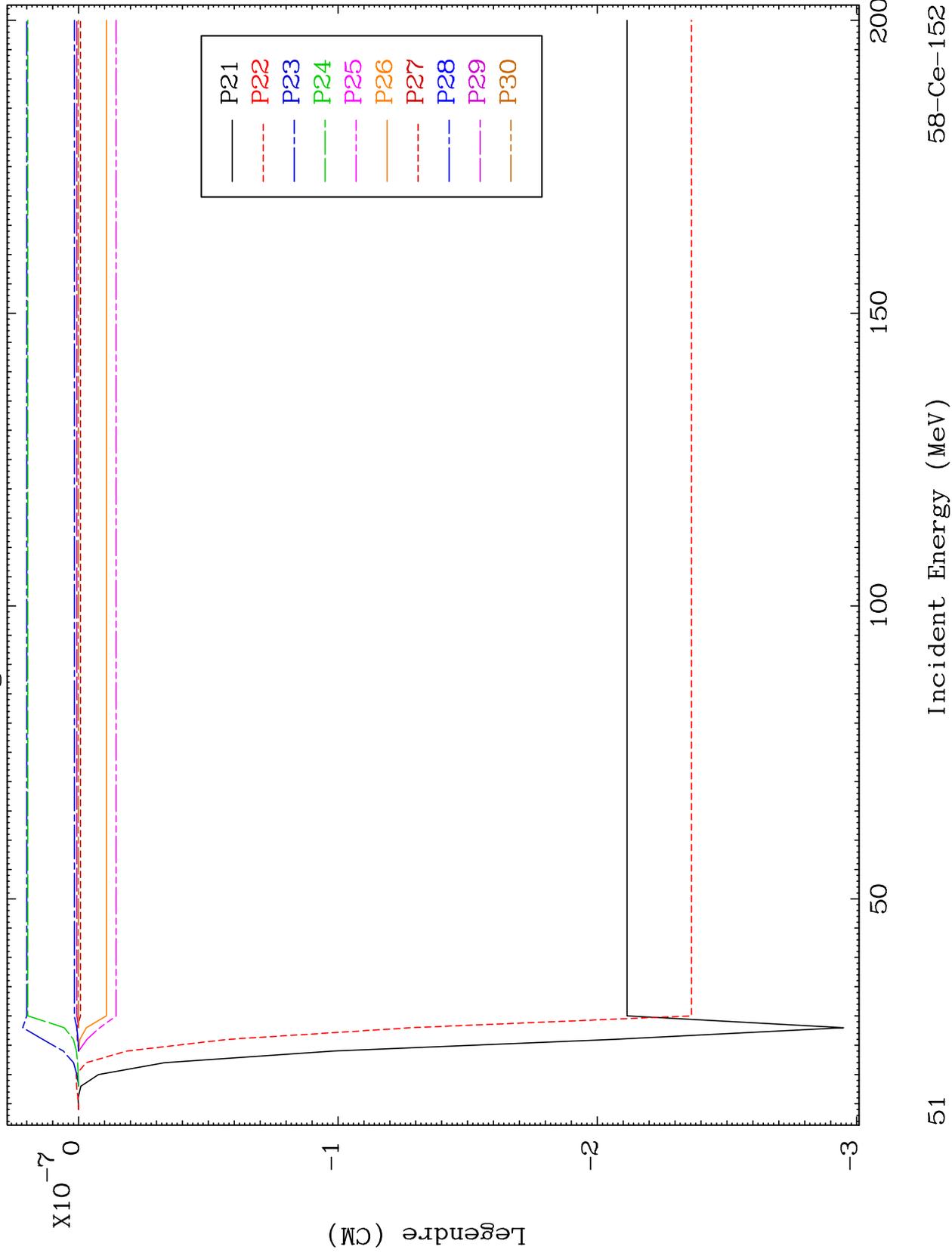
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MAT 5873

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

58-Ce-152



51

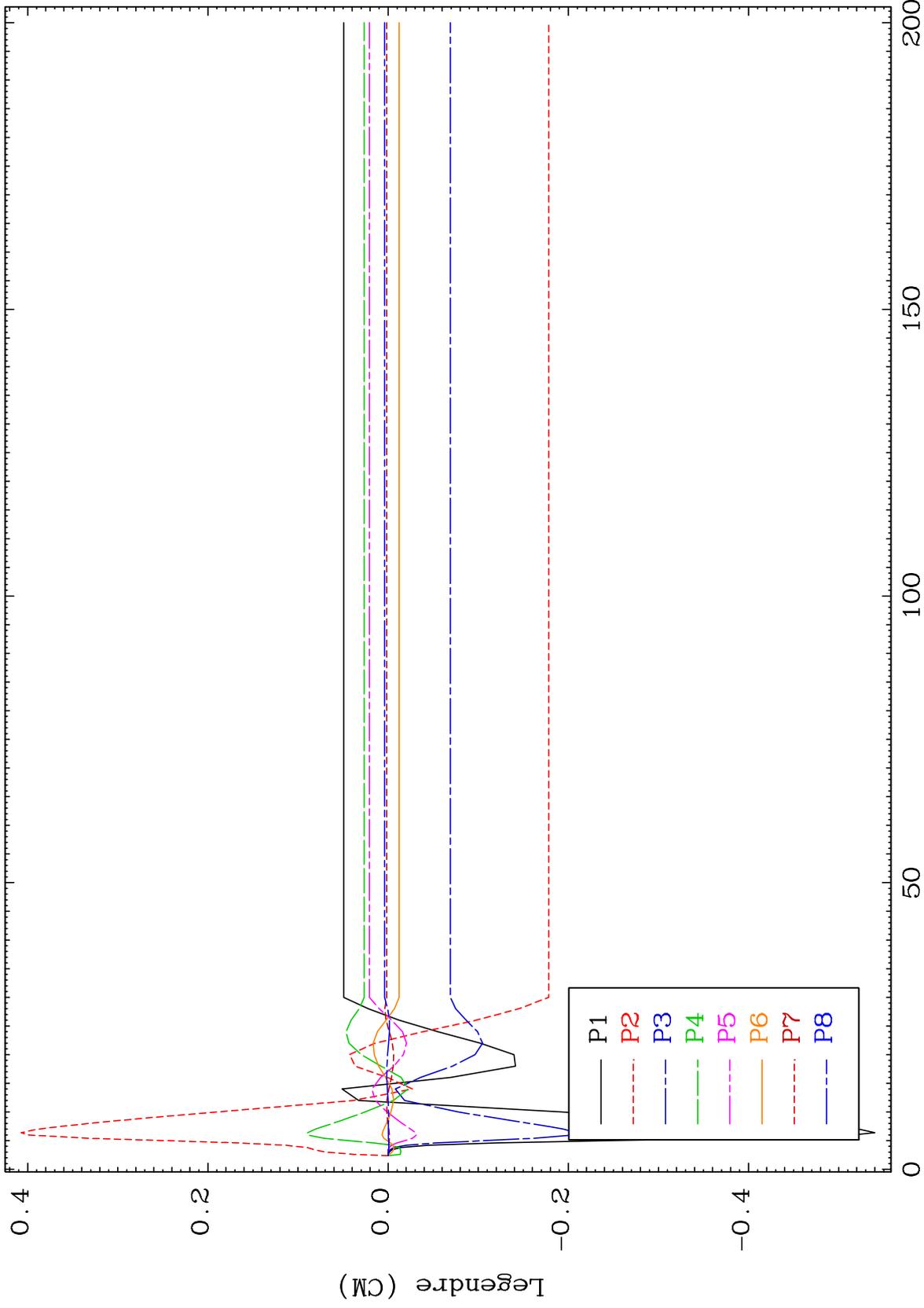
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



52

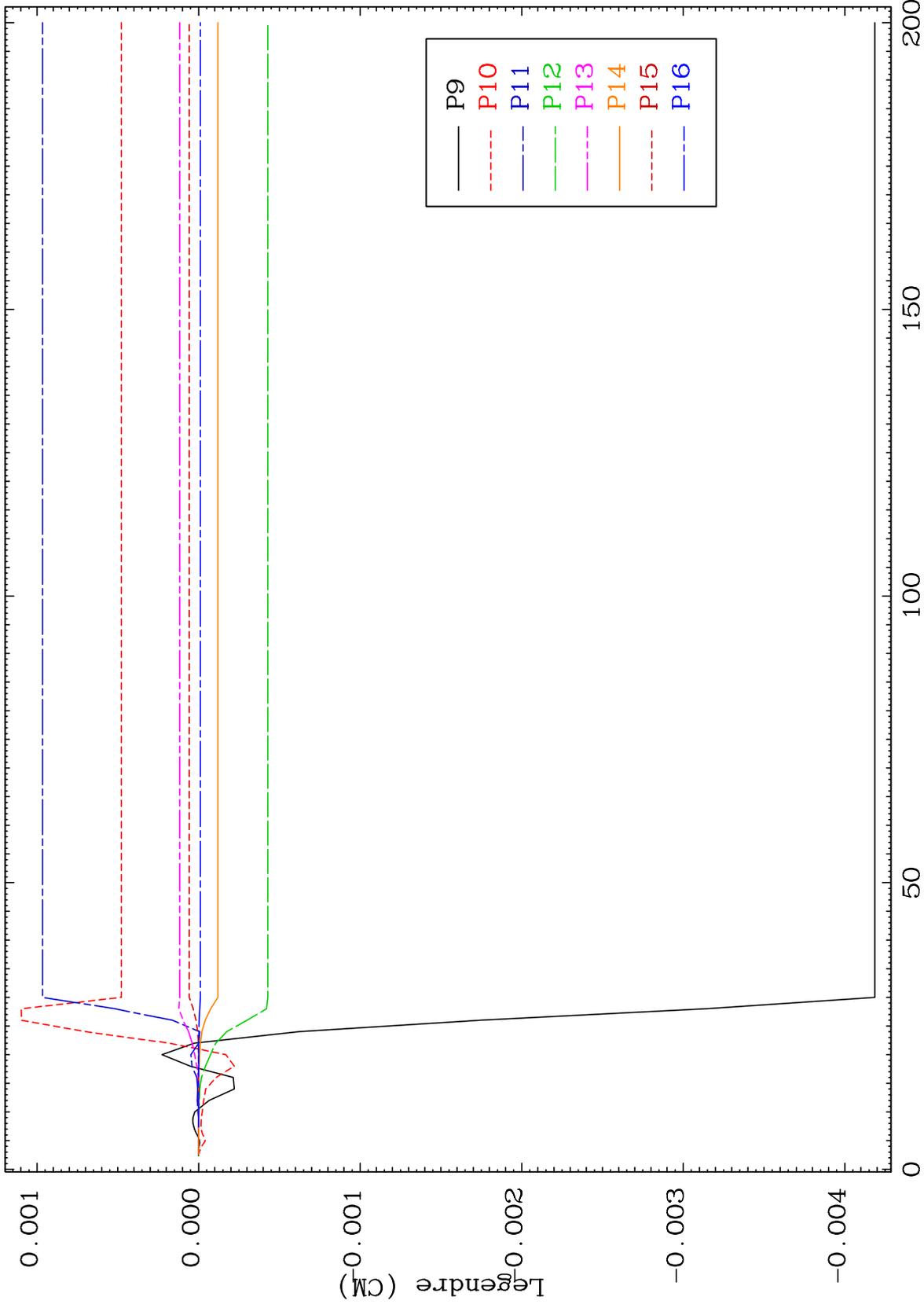
Incident Energy (MeV)

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MAT 5873

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

58-Ce-152



53

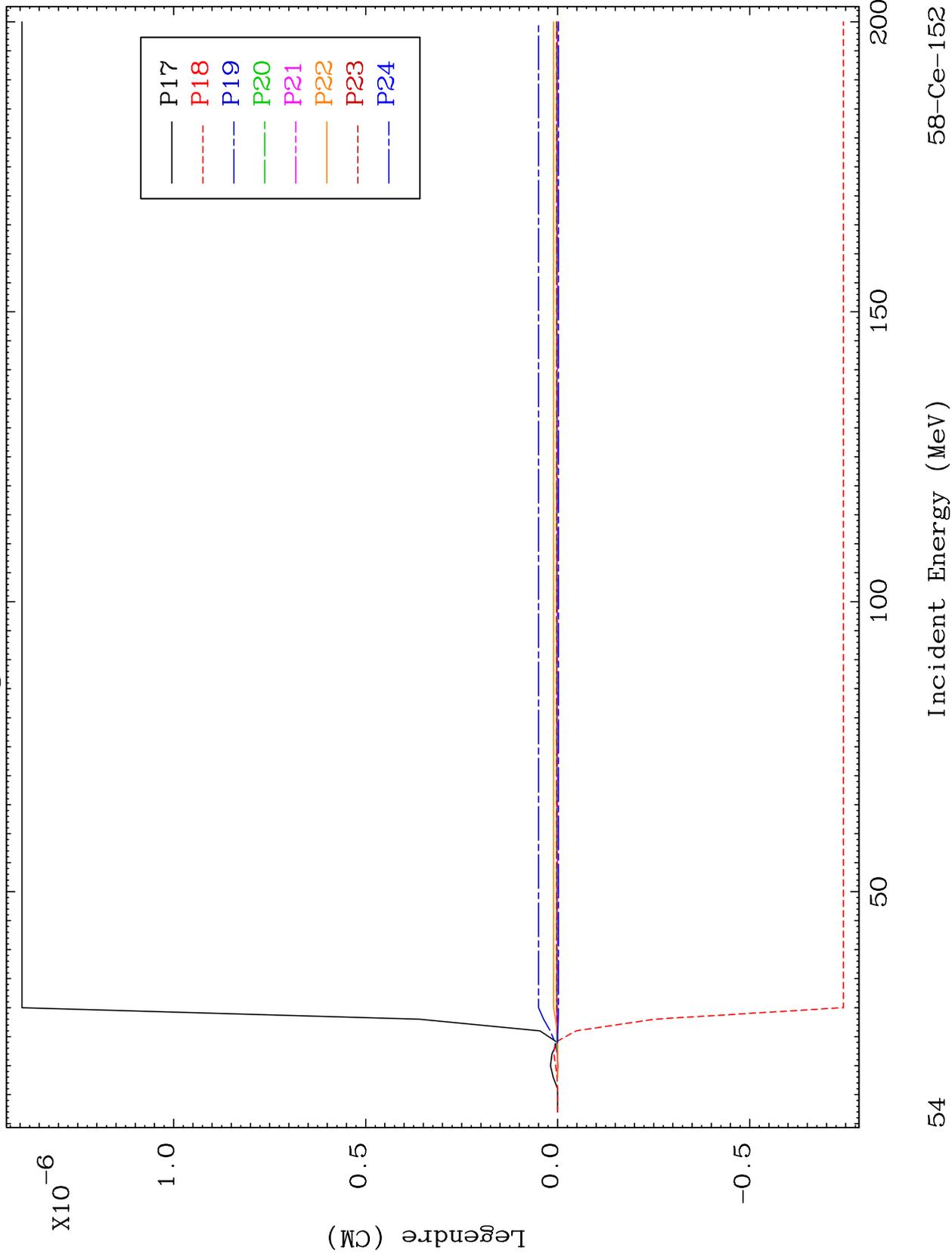
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



54

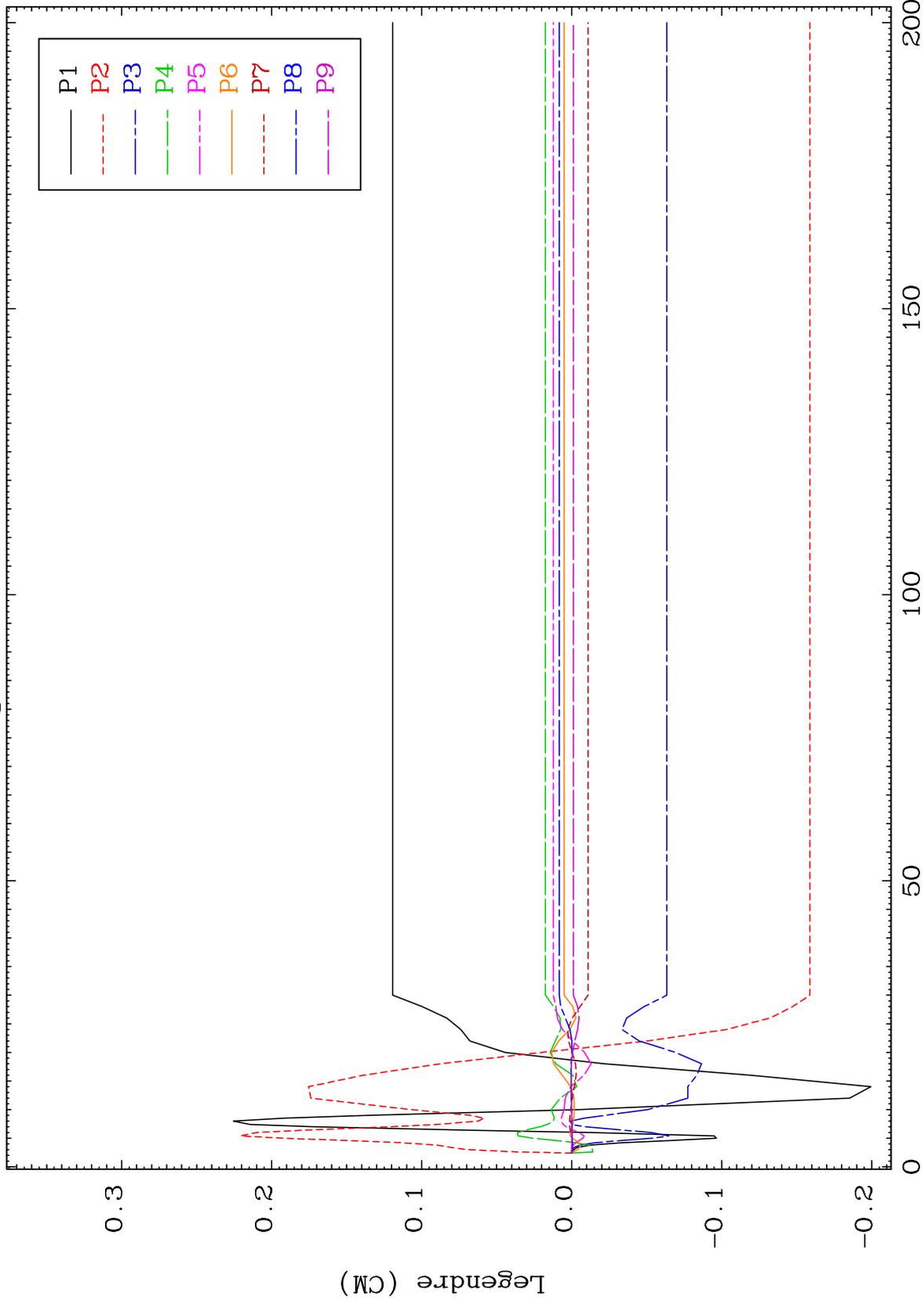
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



55

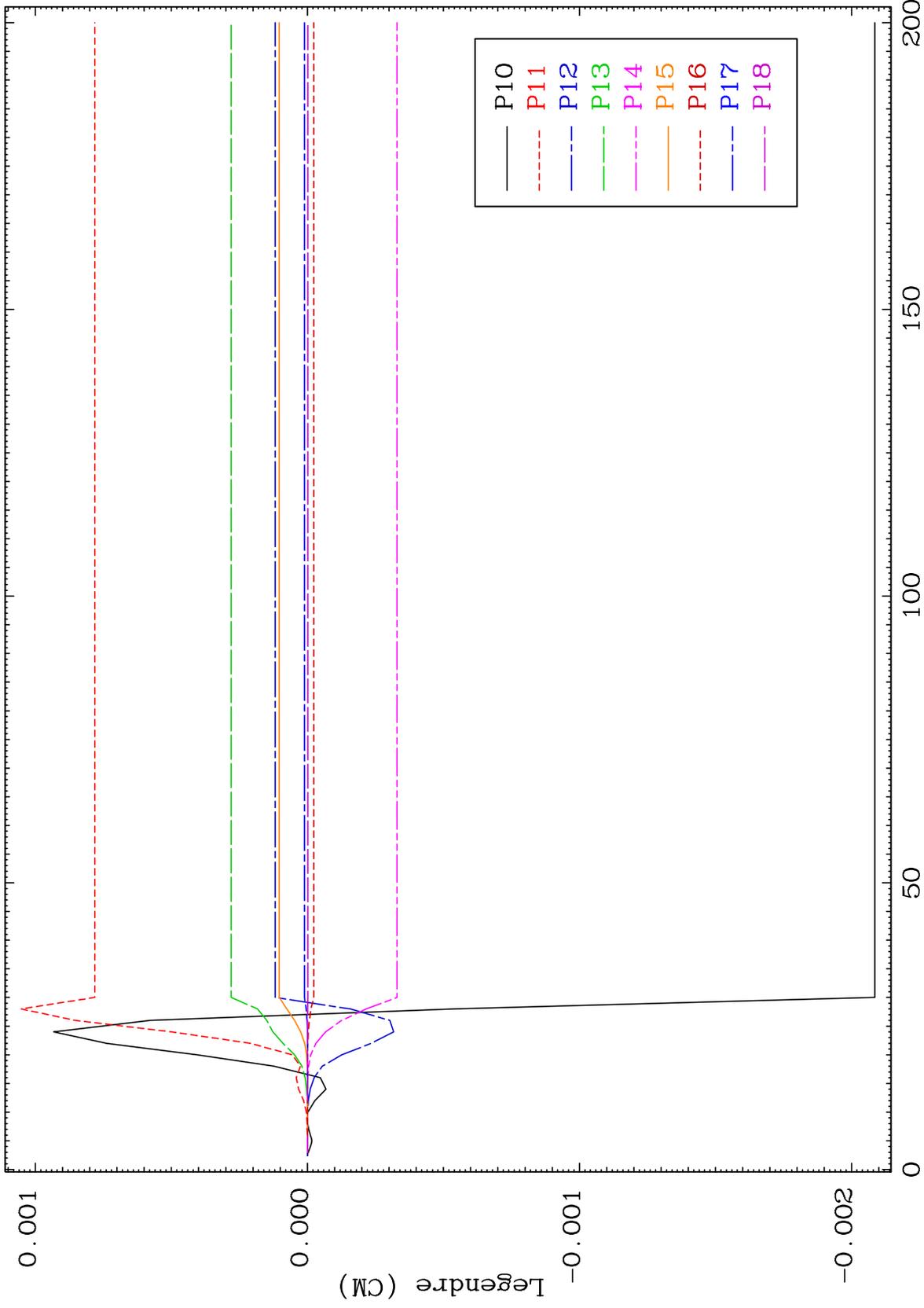
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



56

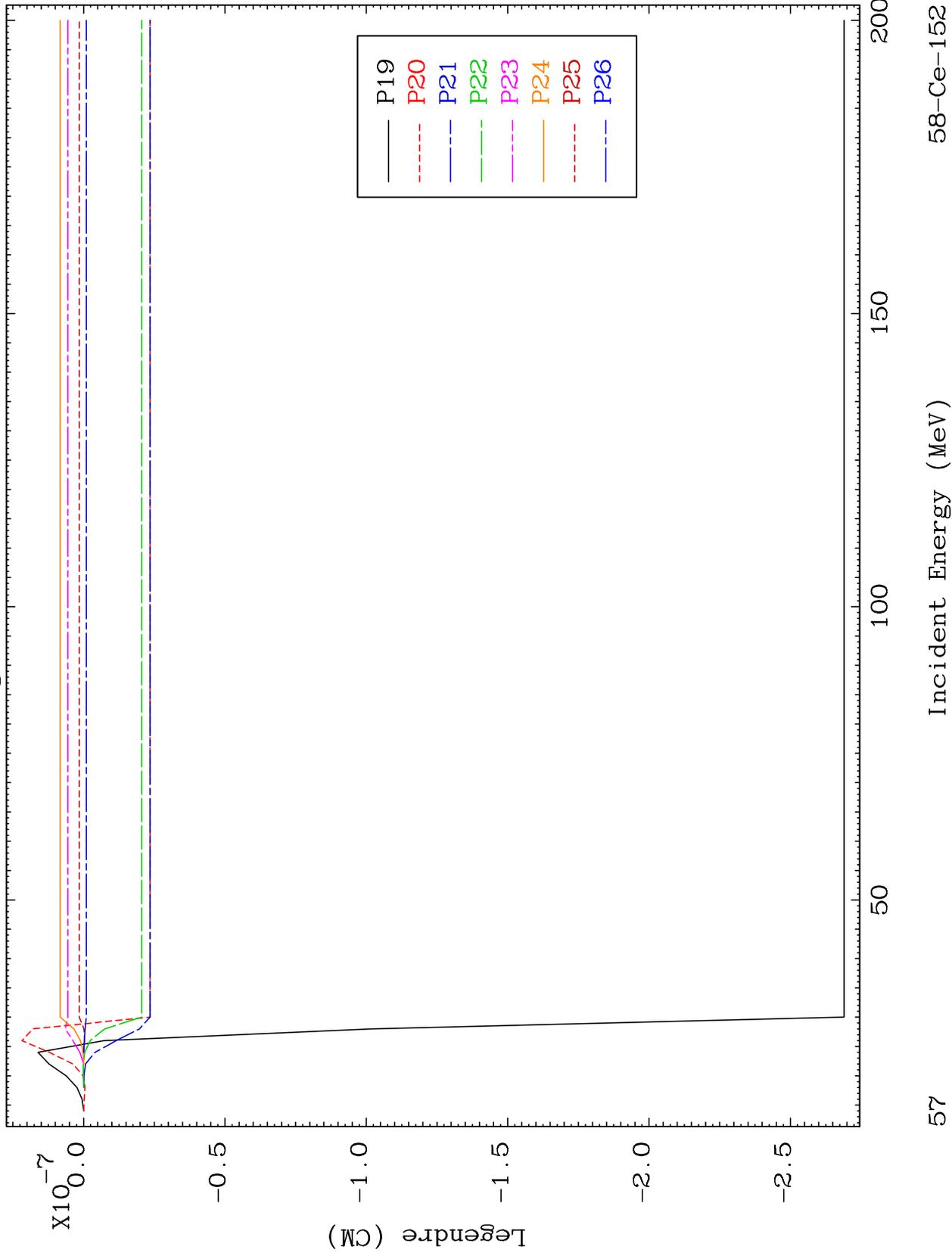
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



57

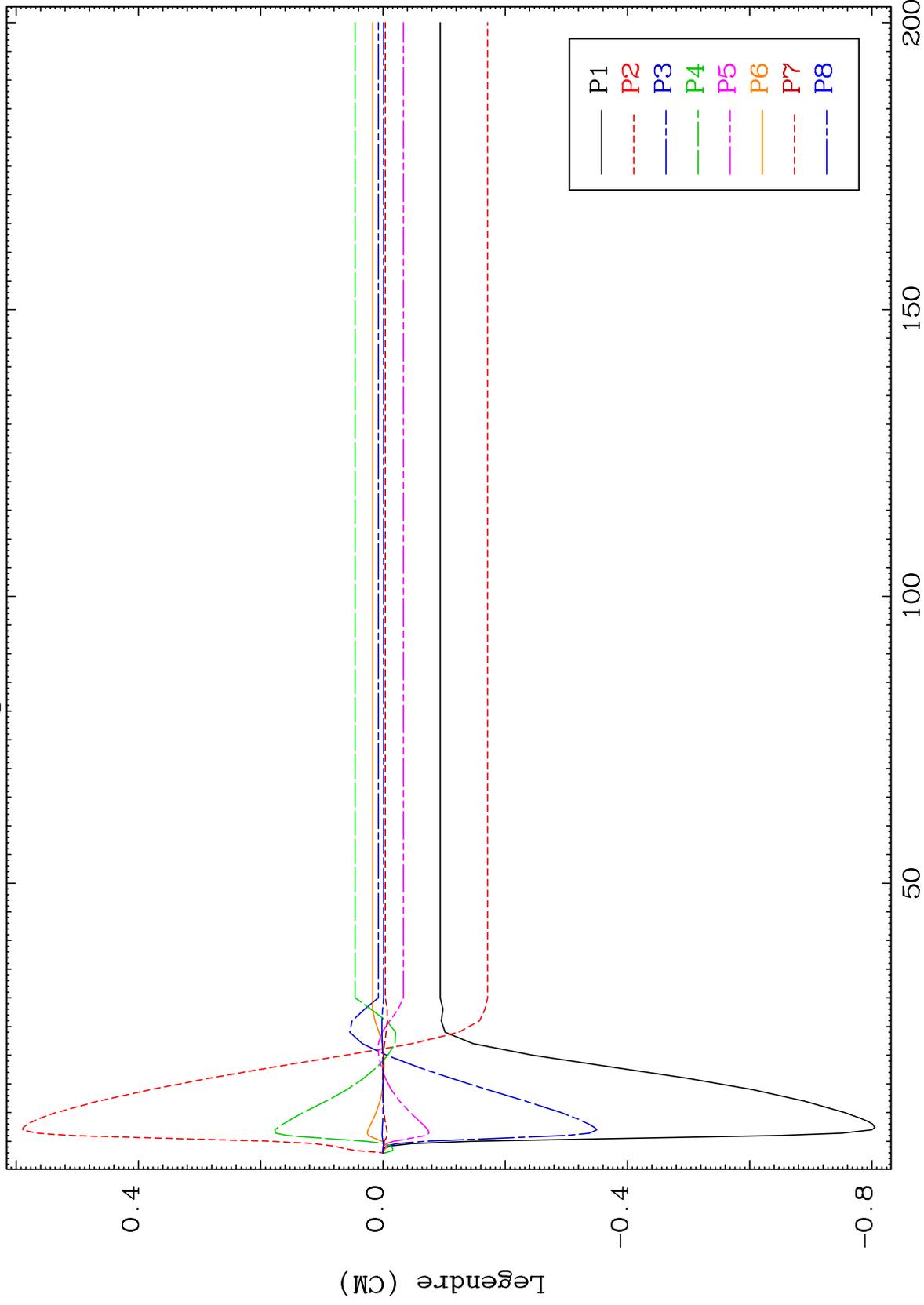
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58

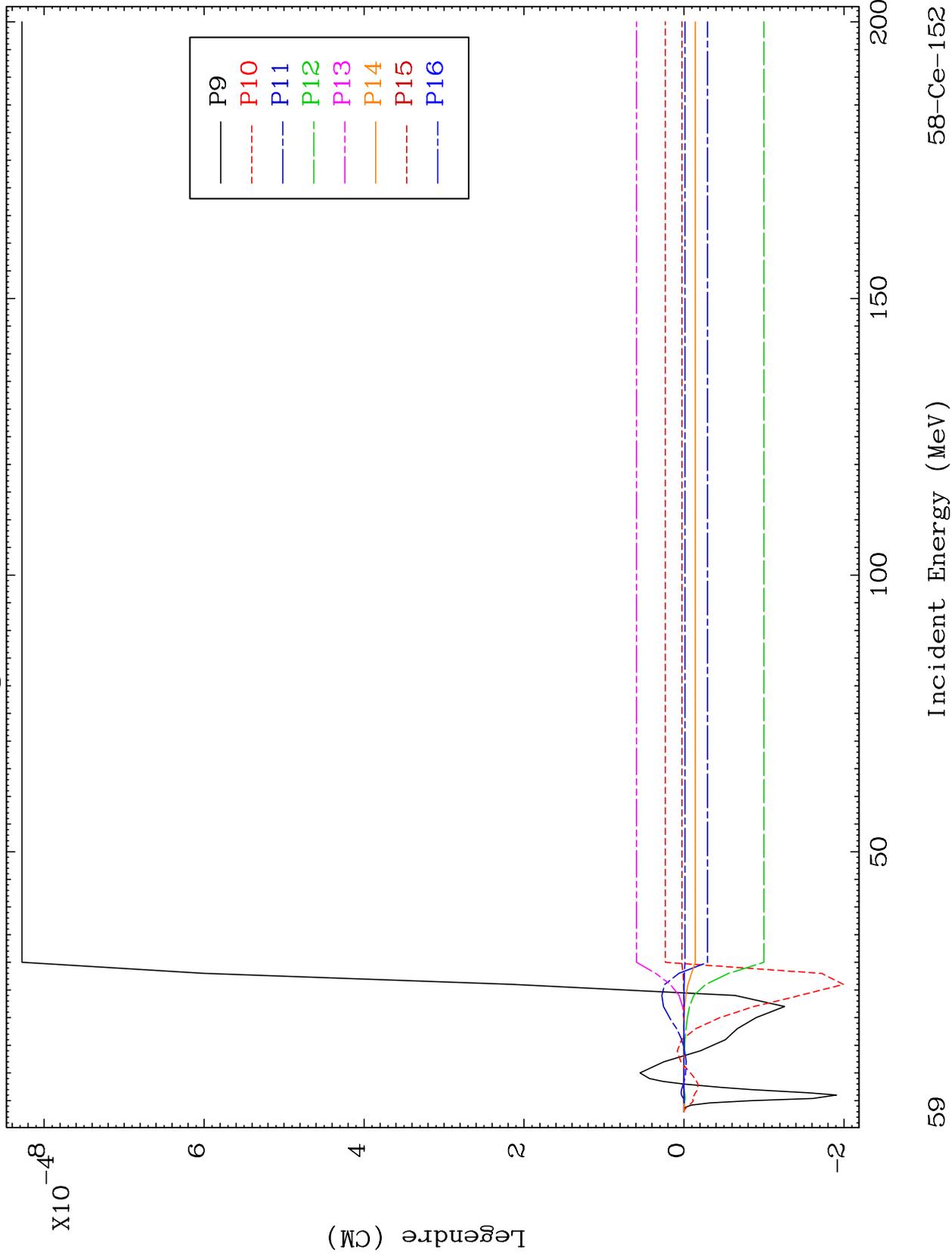
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

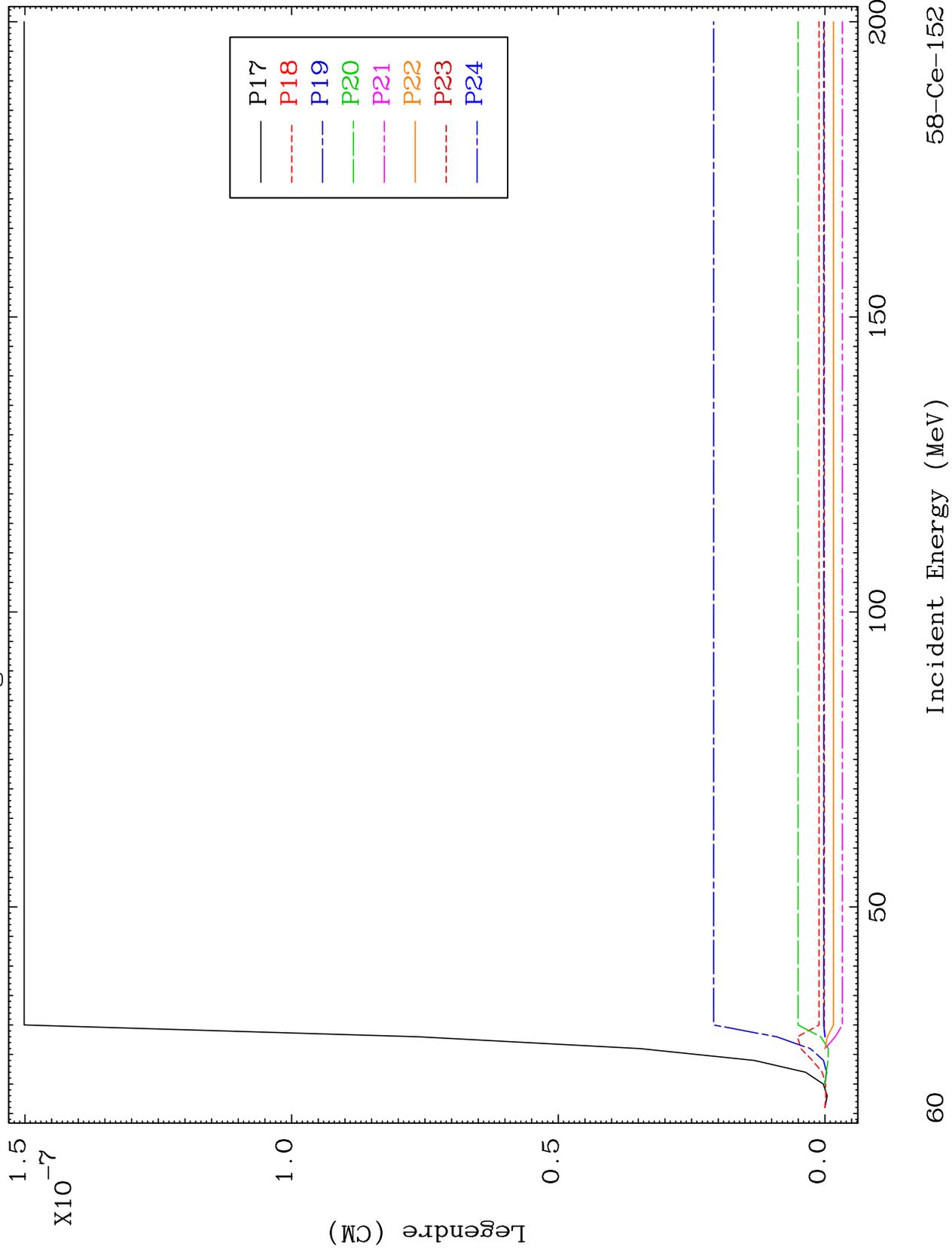
58-Ce-152



MAT 5873

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

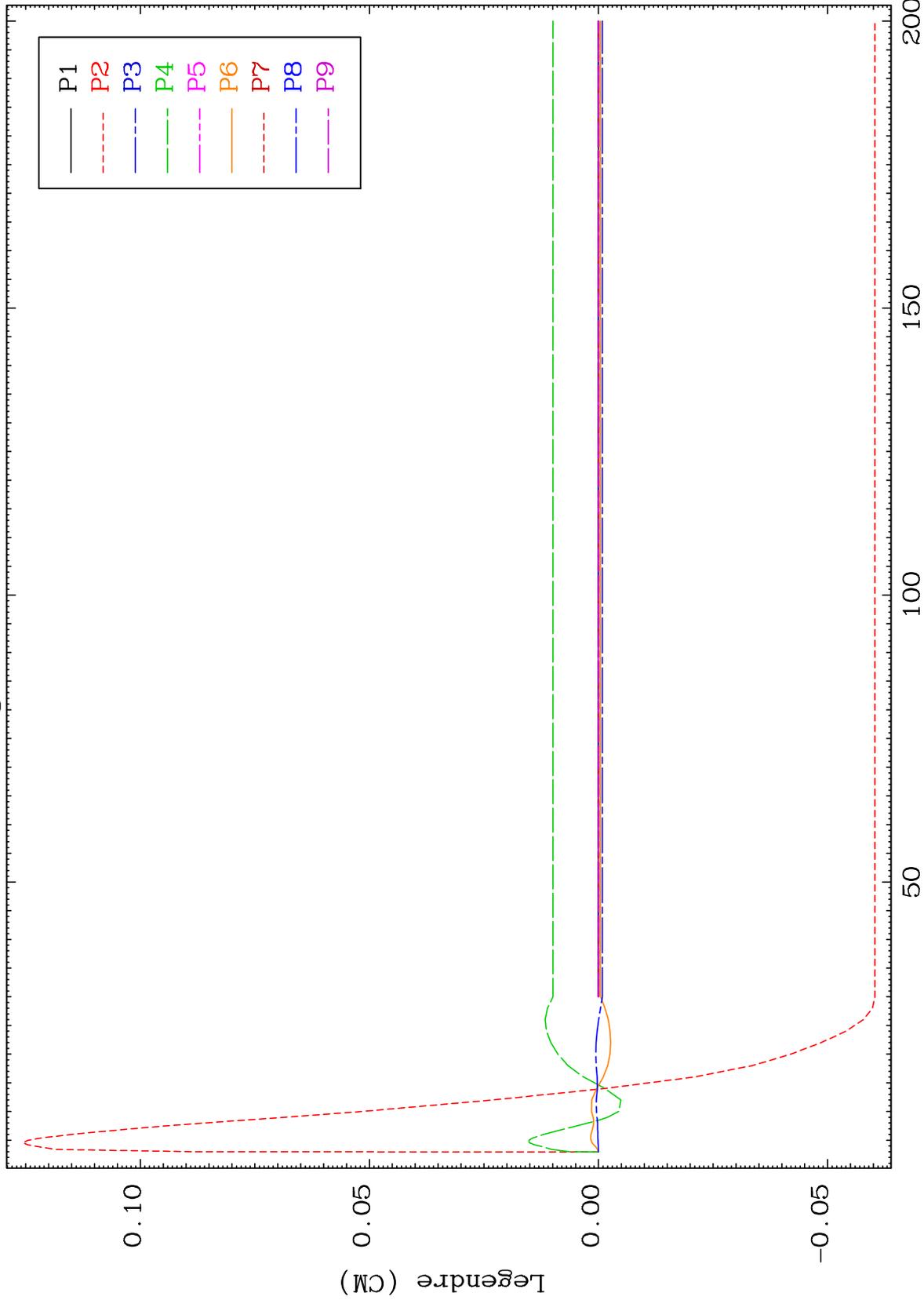
58-Ce-152



MAT 5873

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

58-Ce-152



61

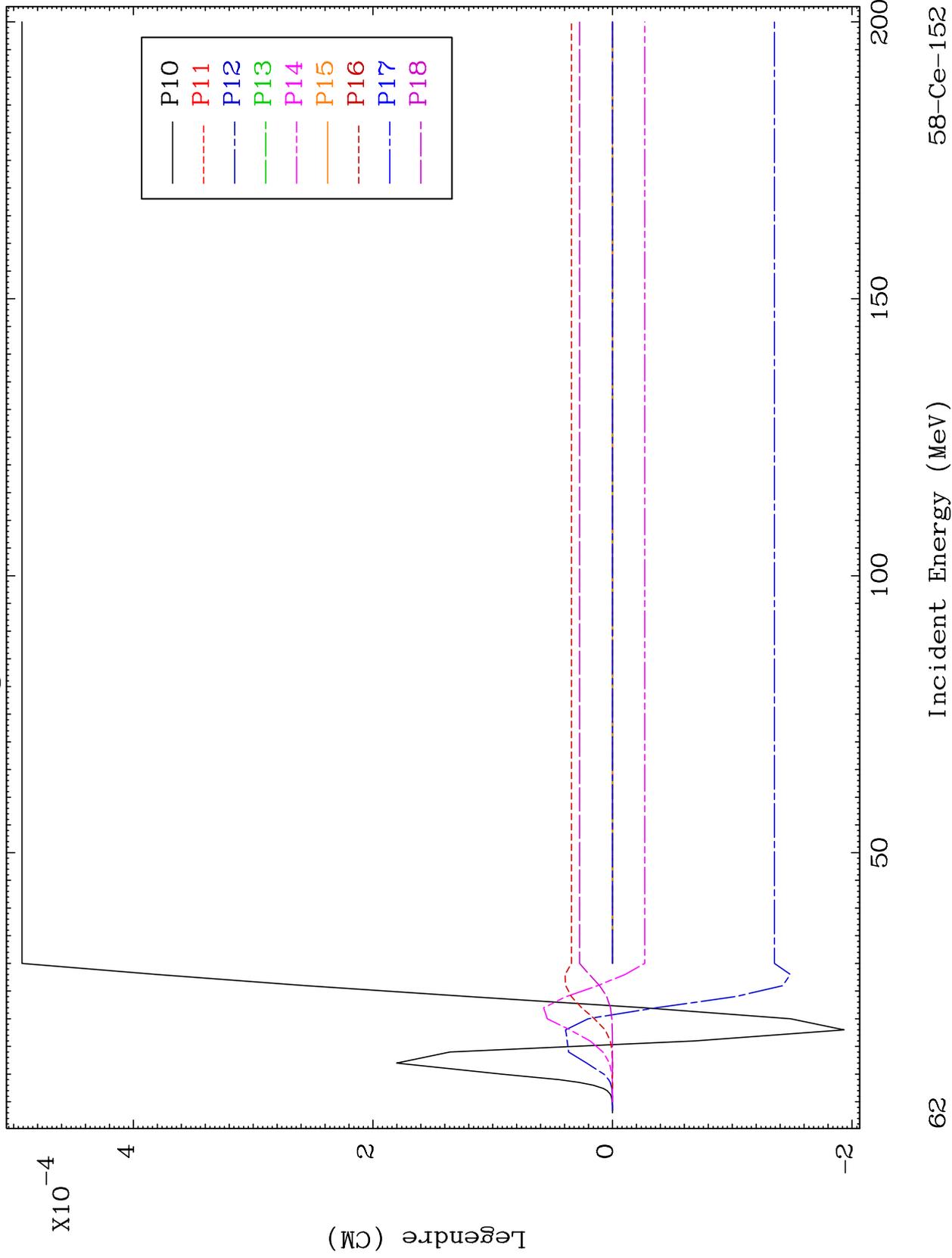
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

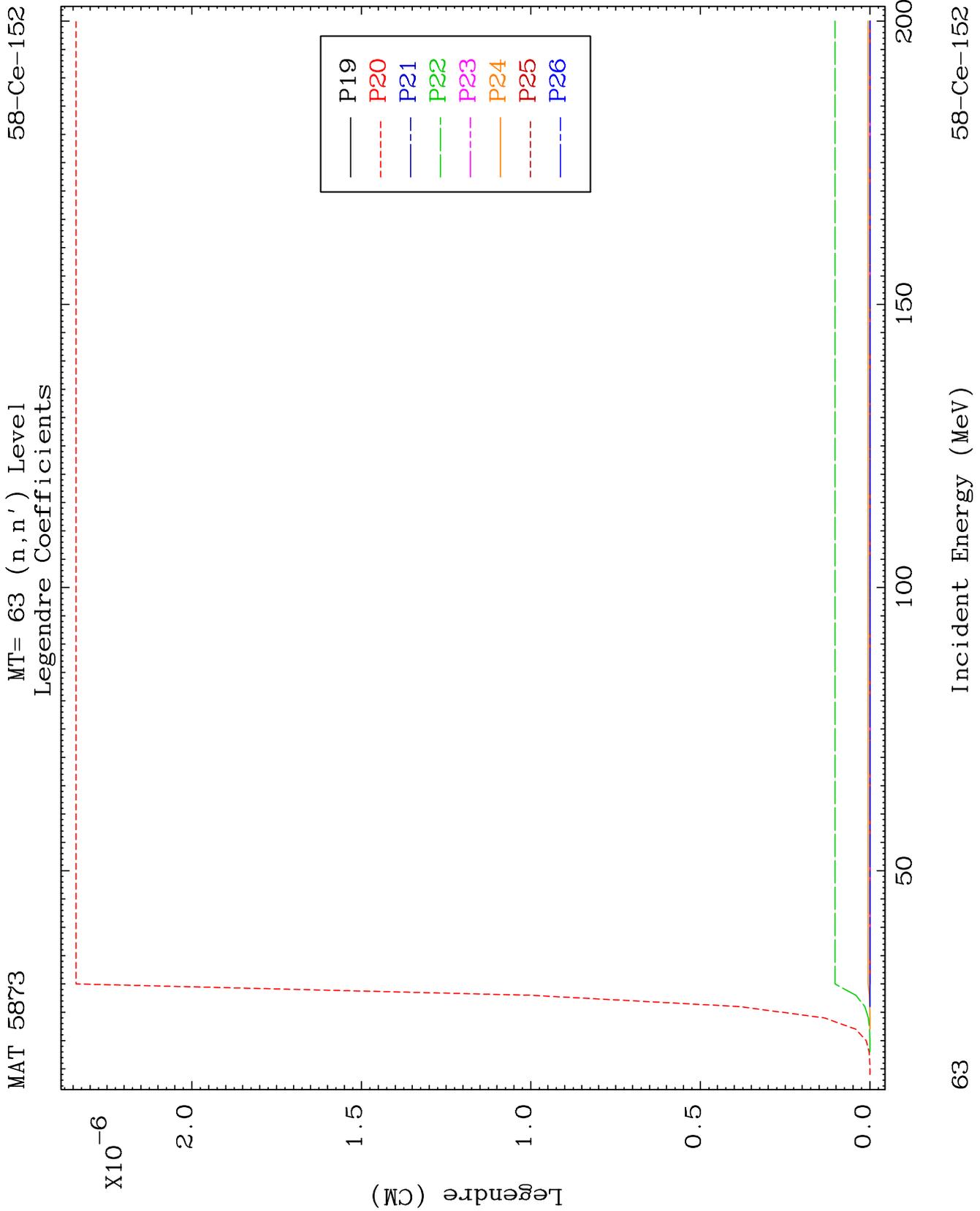
58-Ce-152



62

Incident Energy (MeV)

58-Ce-152

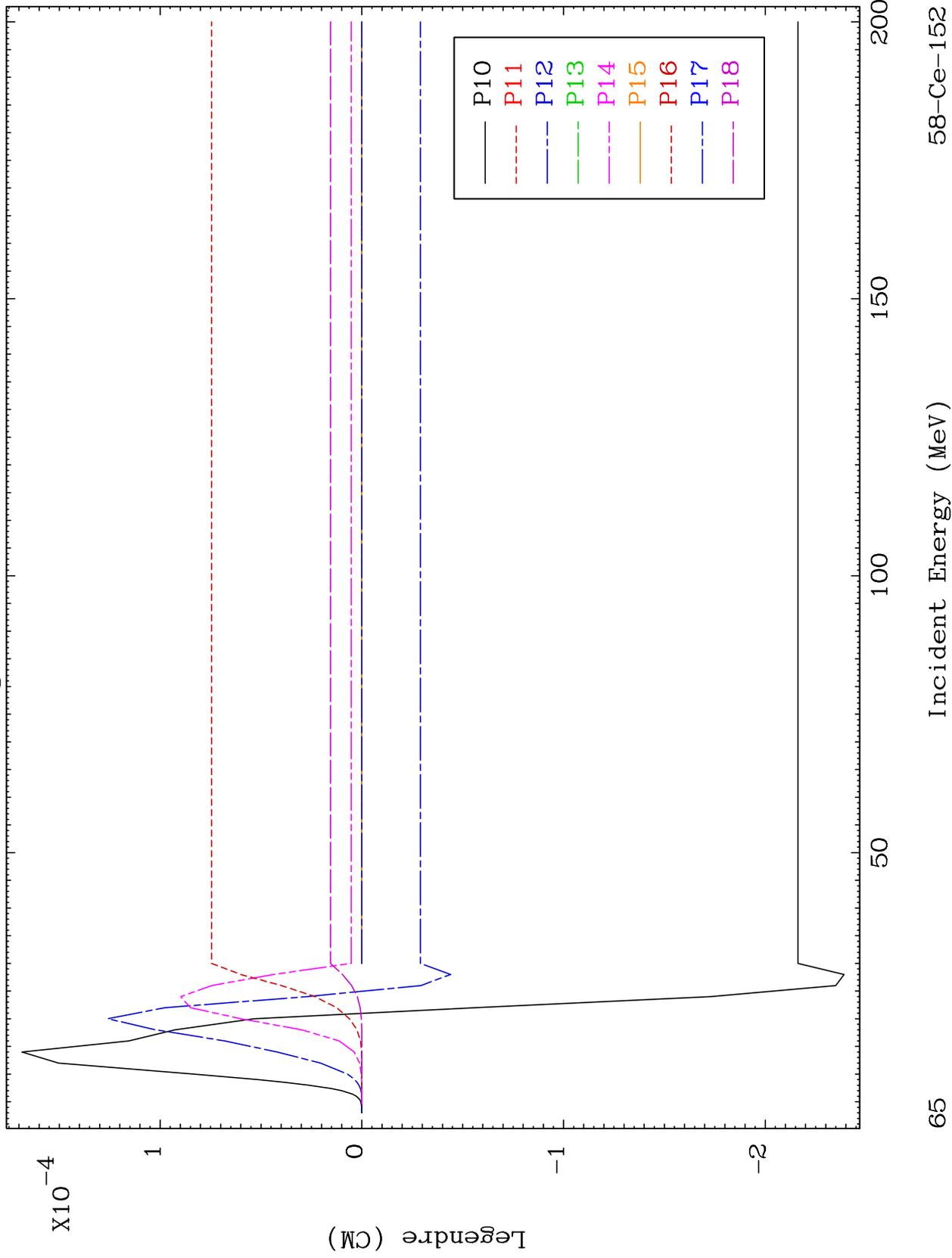




MAT 5873

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

58-Ce-152



58-Ce-152

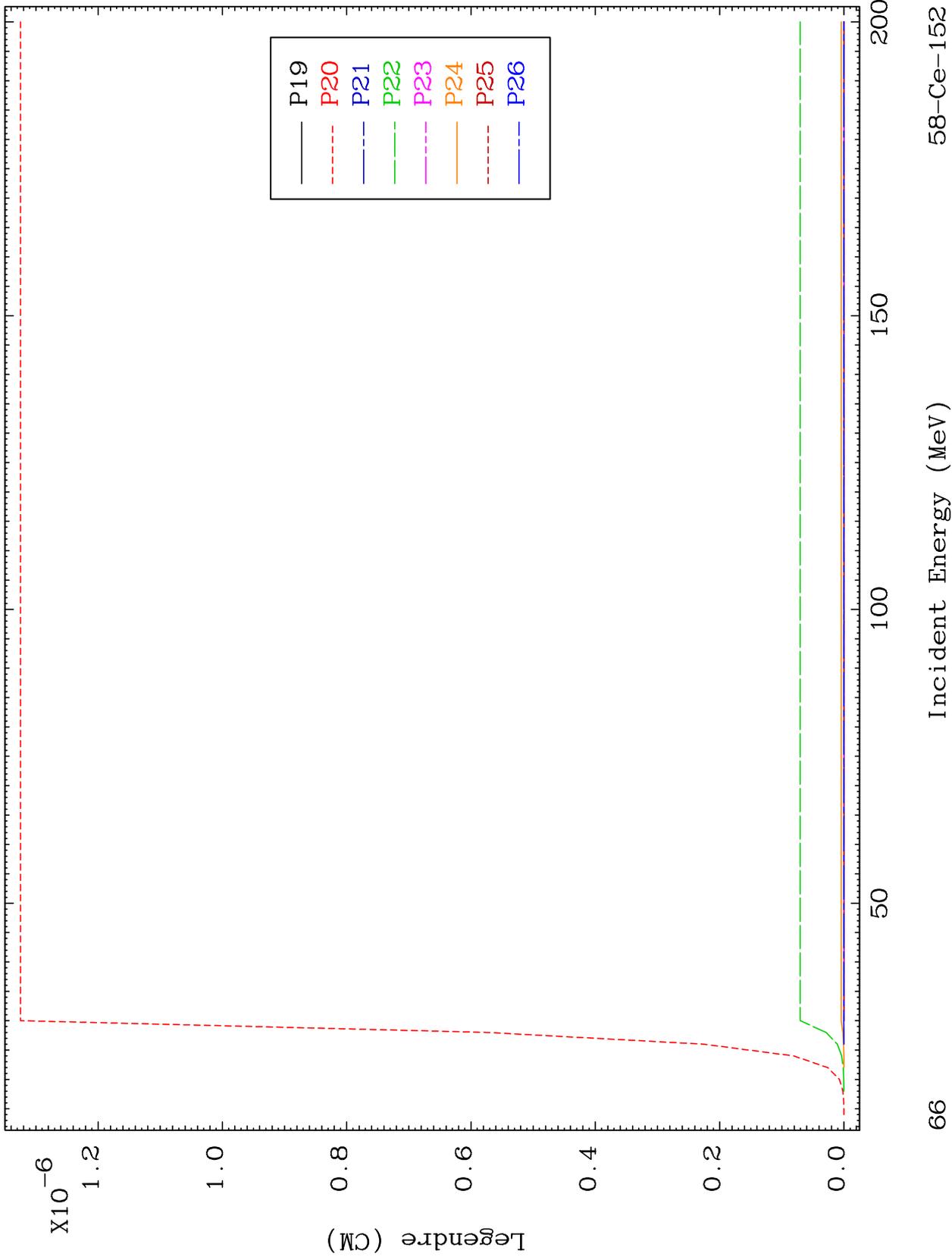
Incident Energy (MeV)

65

MAT 5873

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

58-Ce-152



66

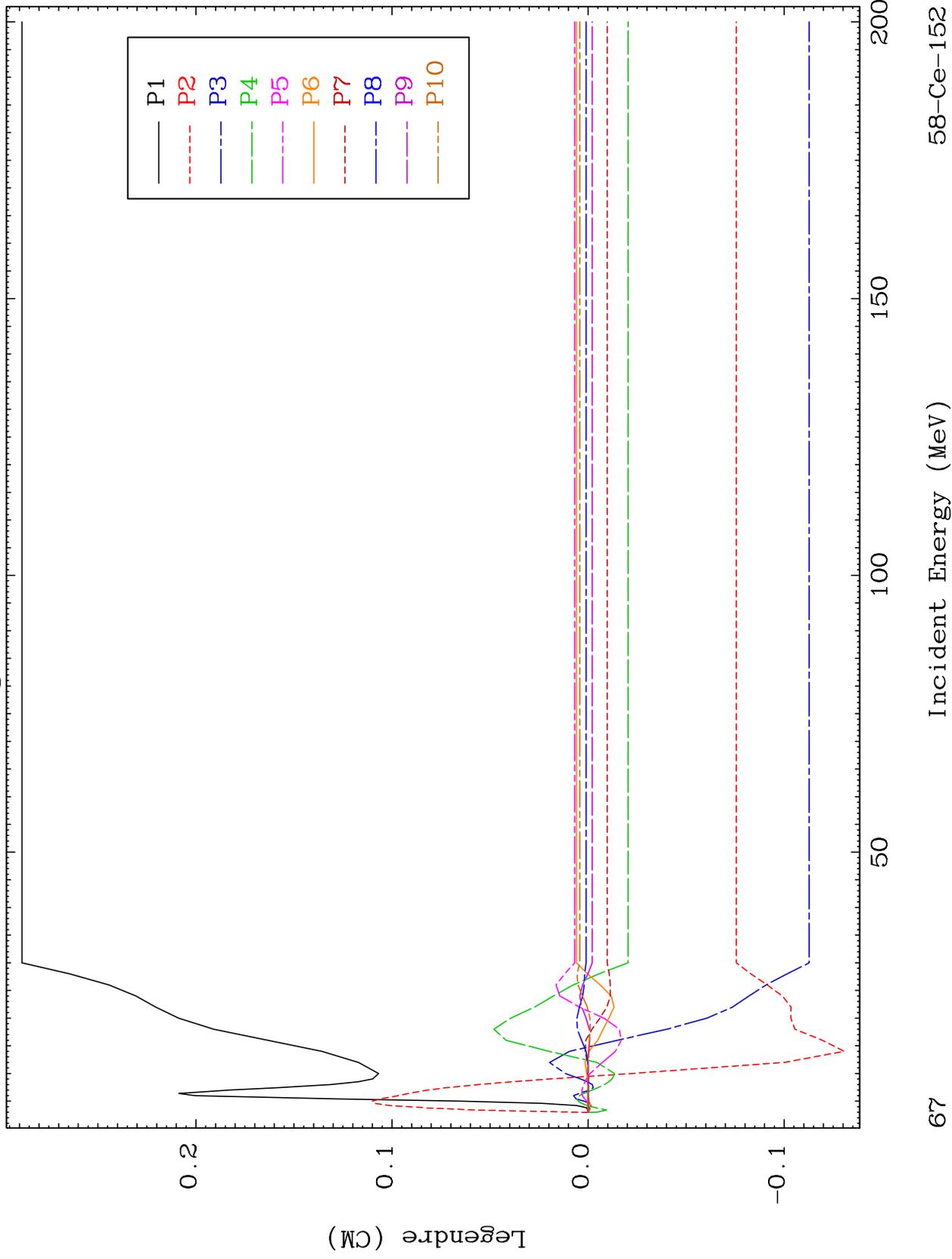
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

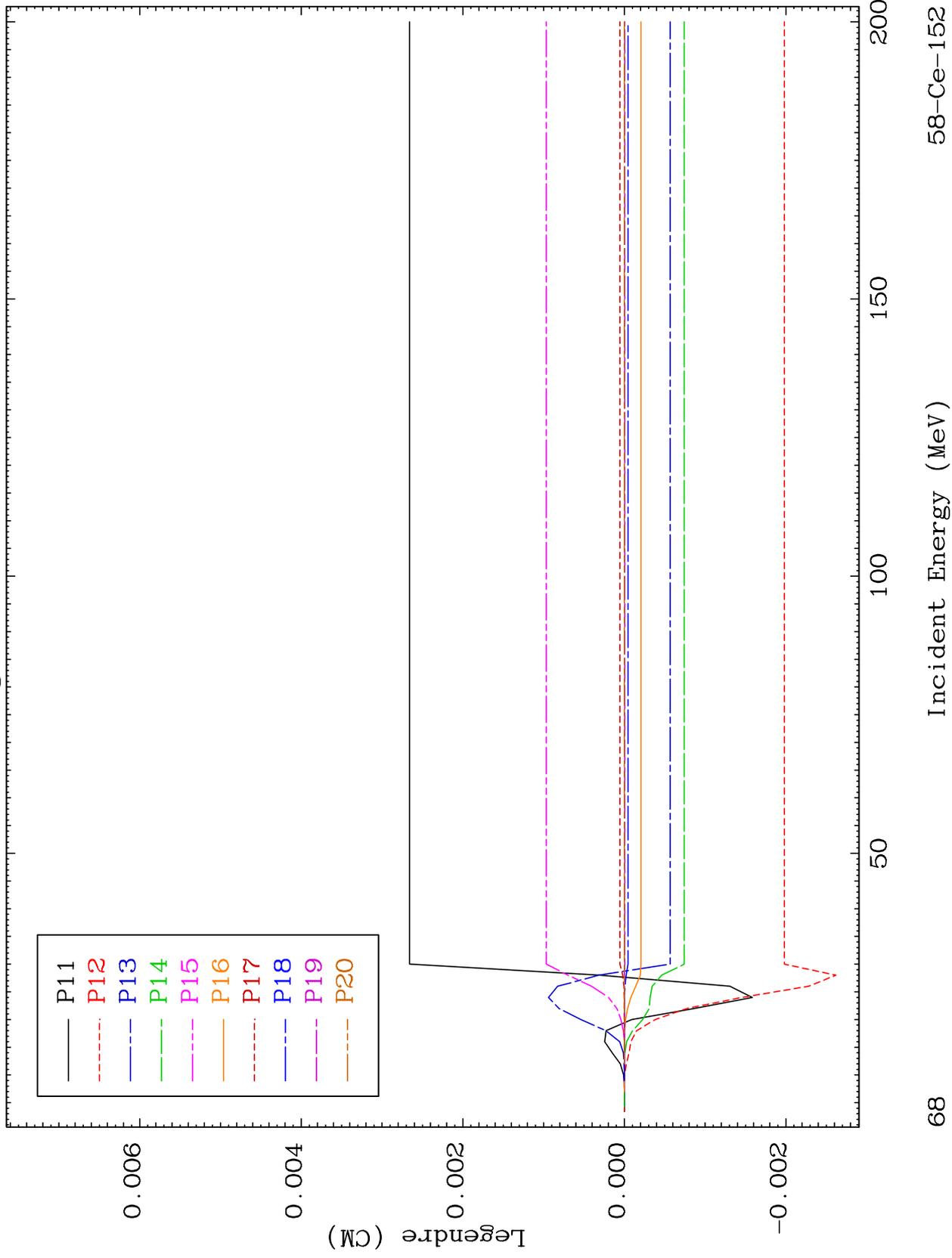
58-Ce-152



MAT 5873

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

58-Ce-152



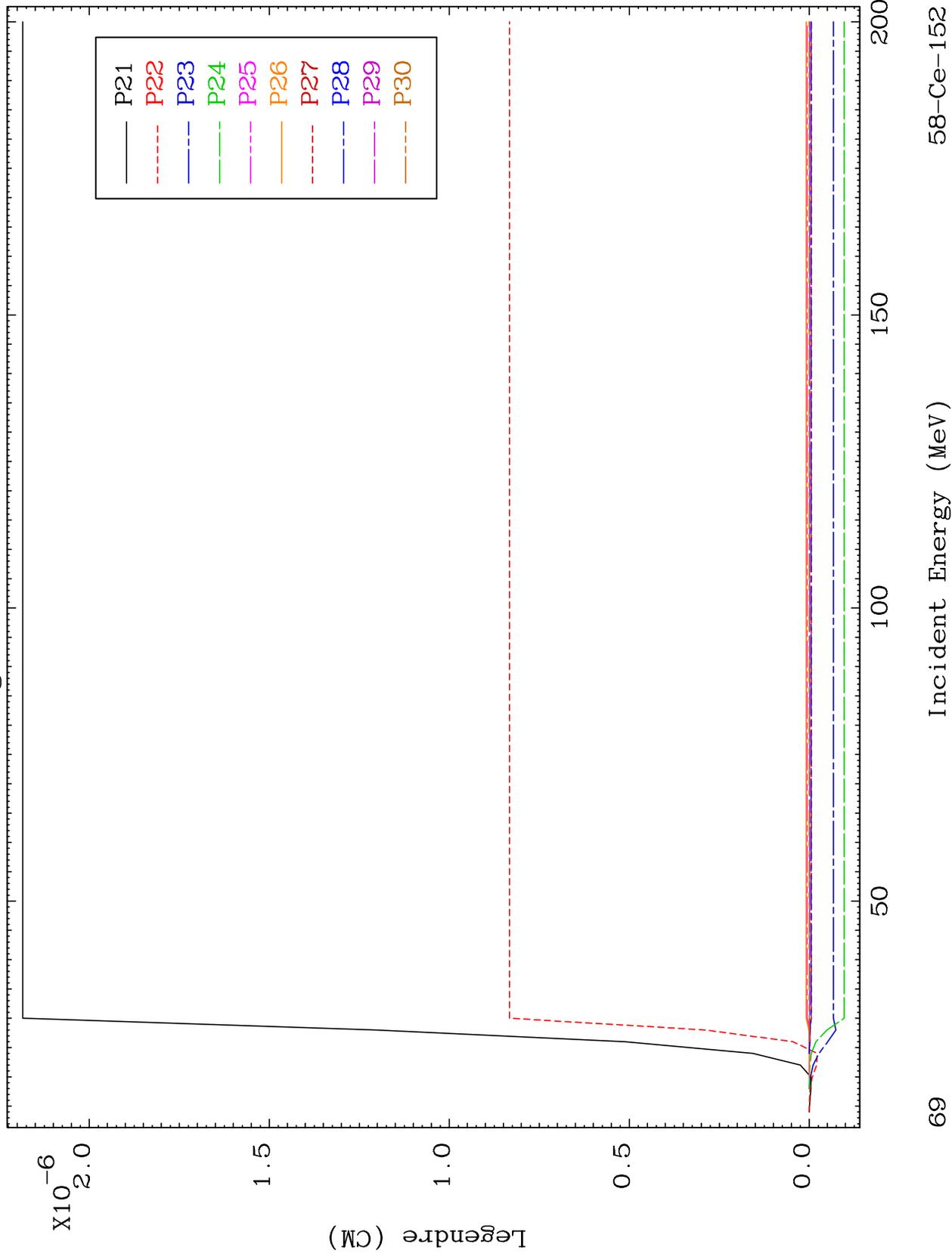
68

58-Ce-152

MAT 5873

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

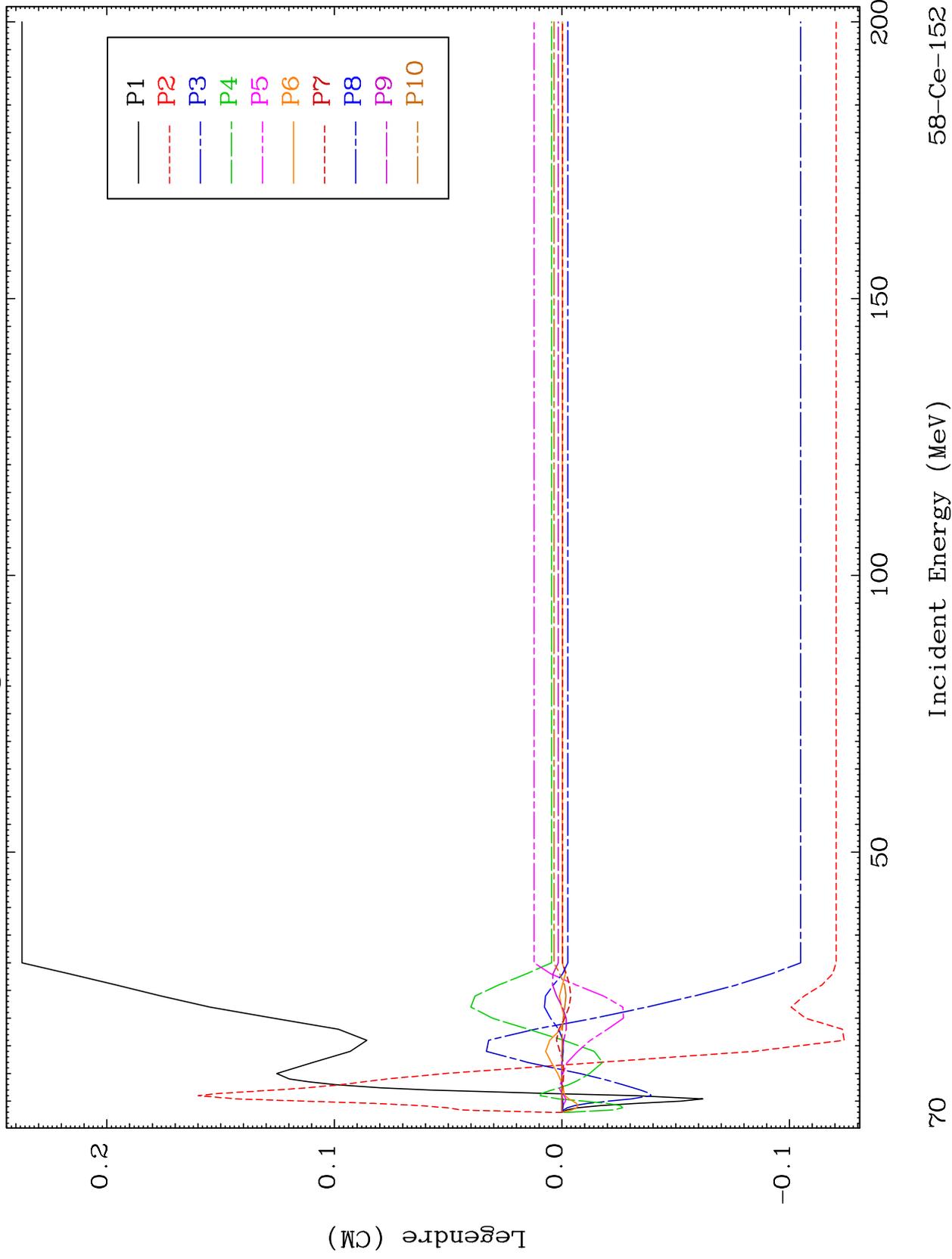
58-Ce-152



MAT 5873

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

58-Ce-152



58-Ce-152

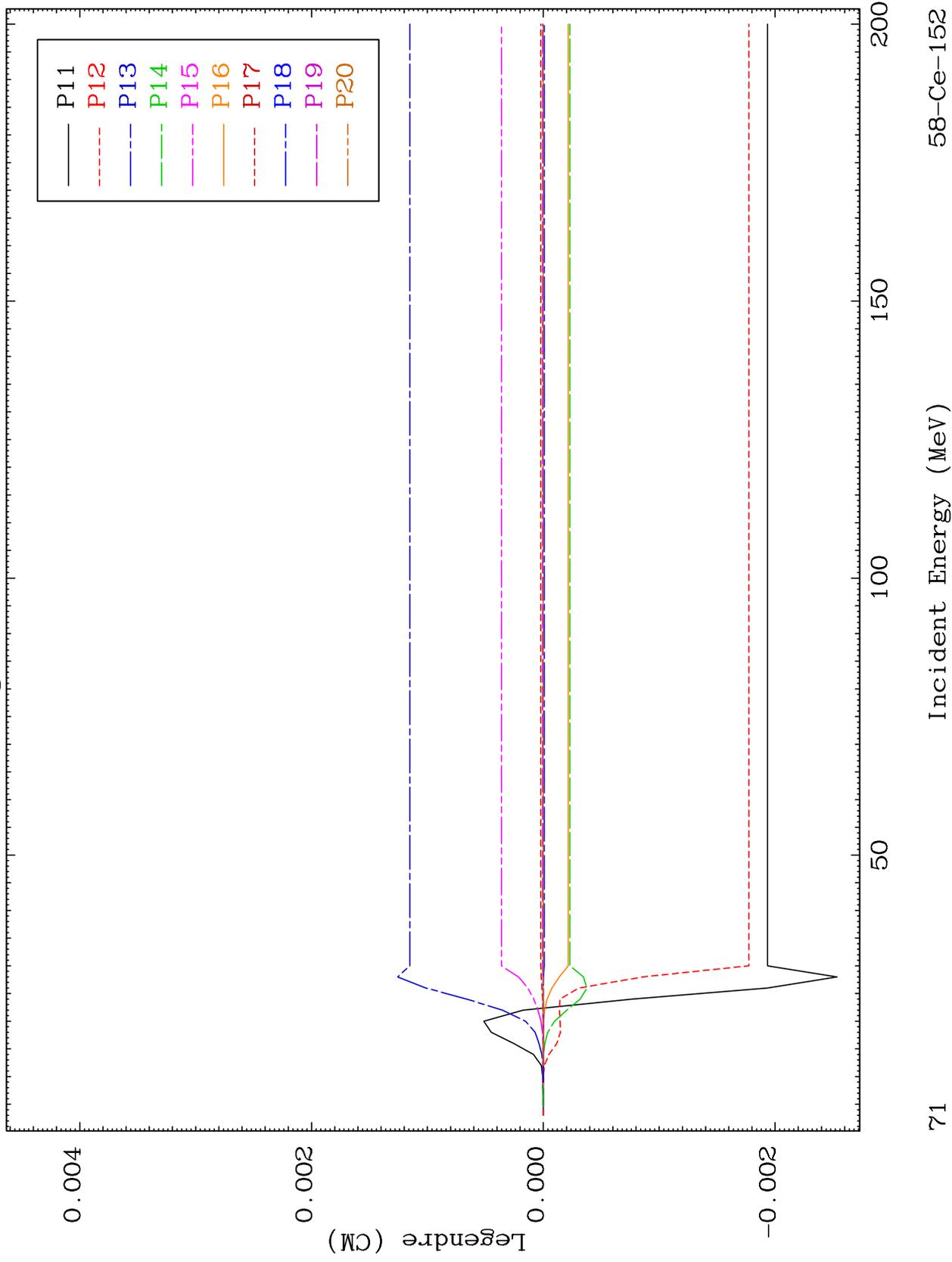
Incident Energy (MeV)

70

MAT 5873

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

58-Ce-152



71

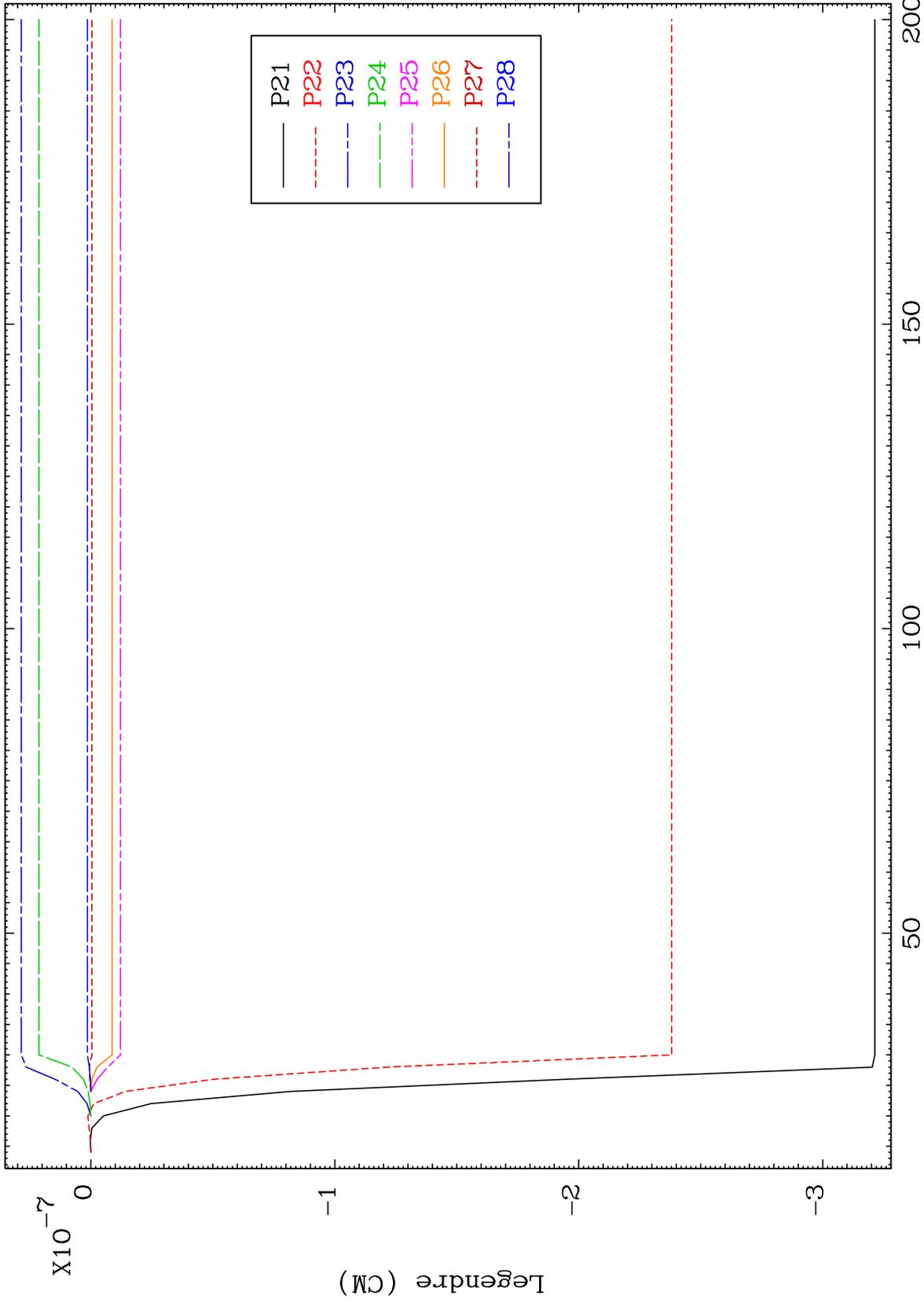
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



72

Incident Energy (MeV)

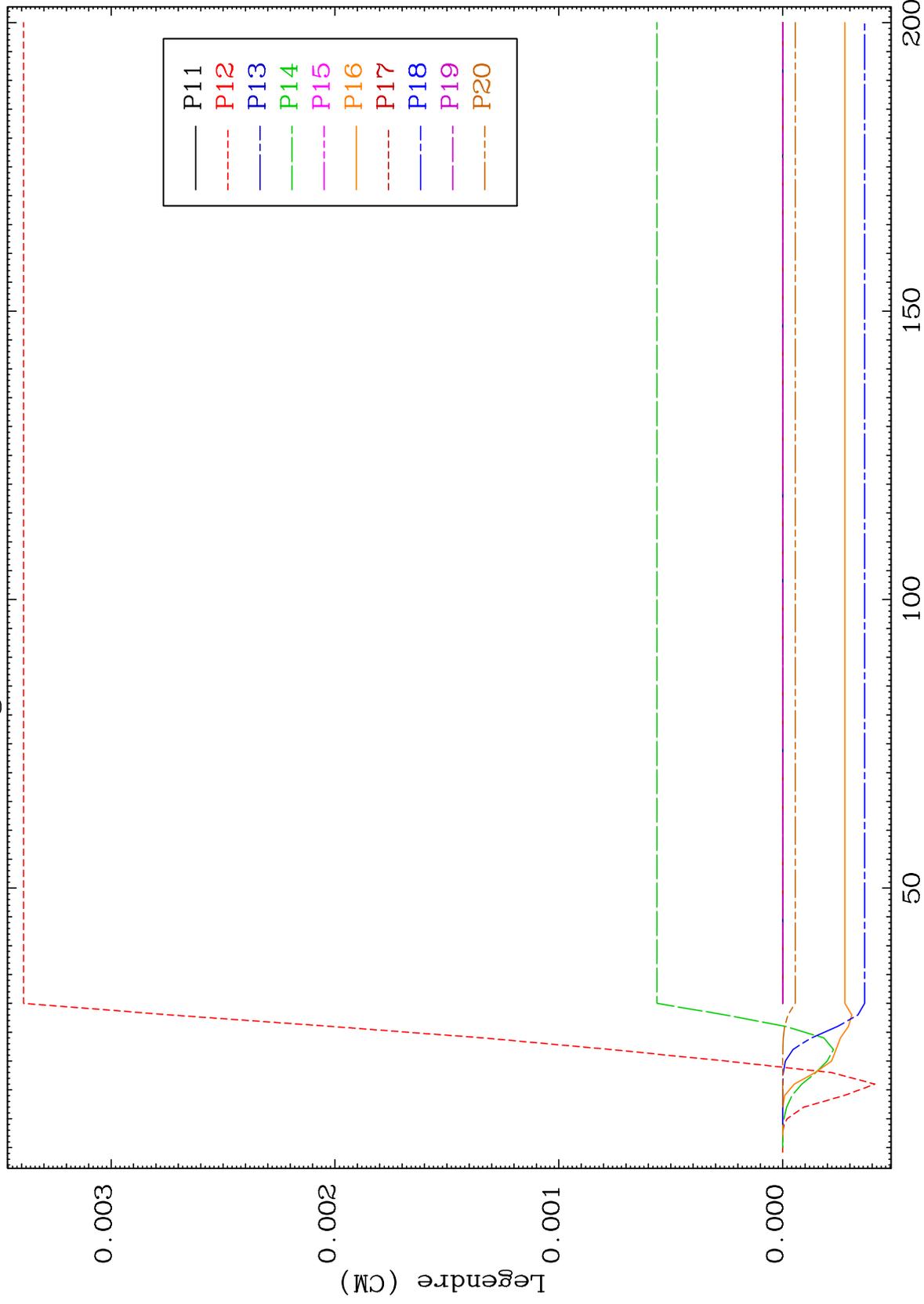
58-Ce-152



MAT 5873

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

58-Ce-152



74

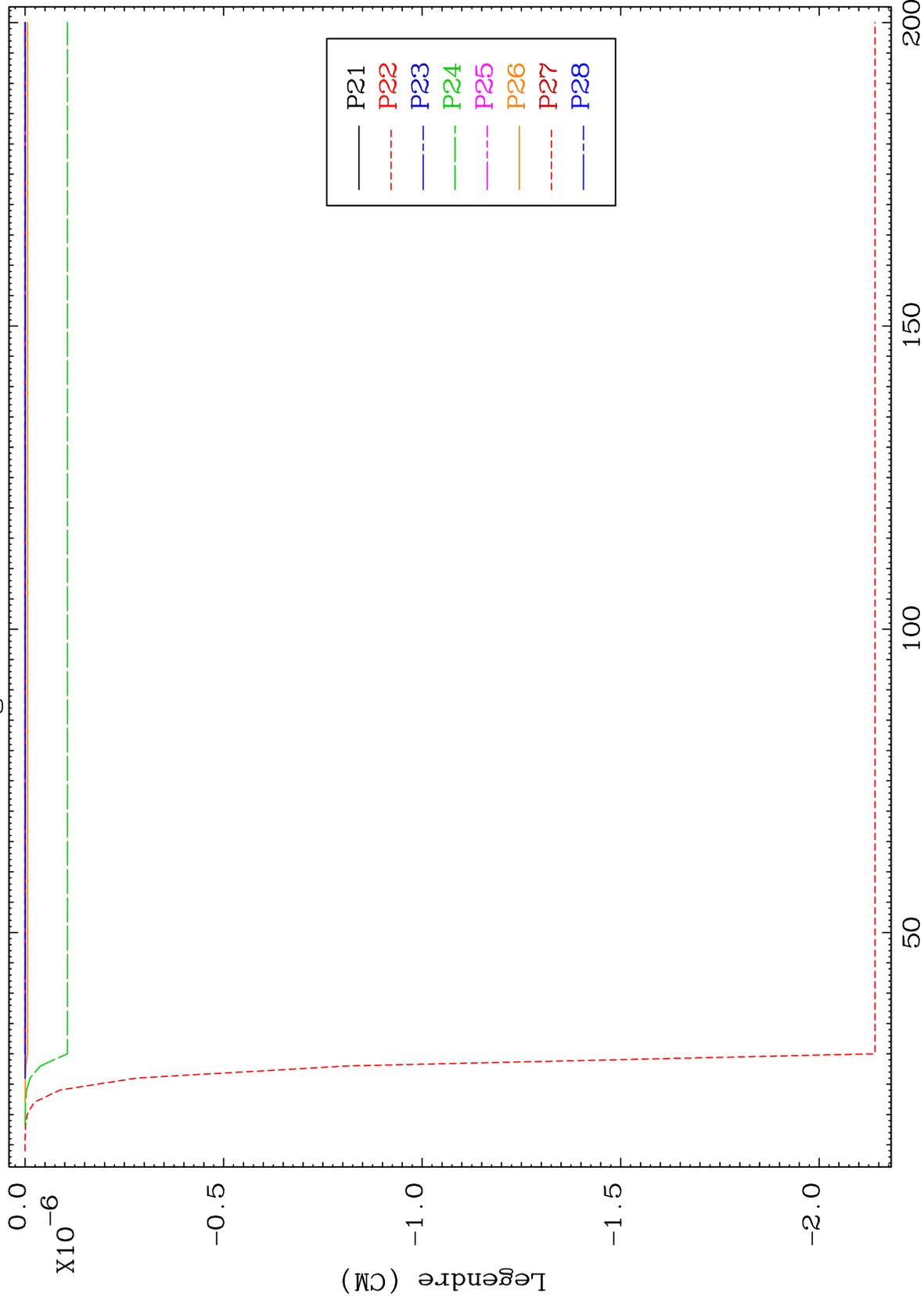
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

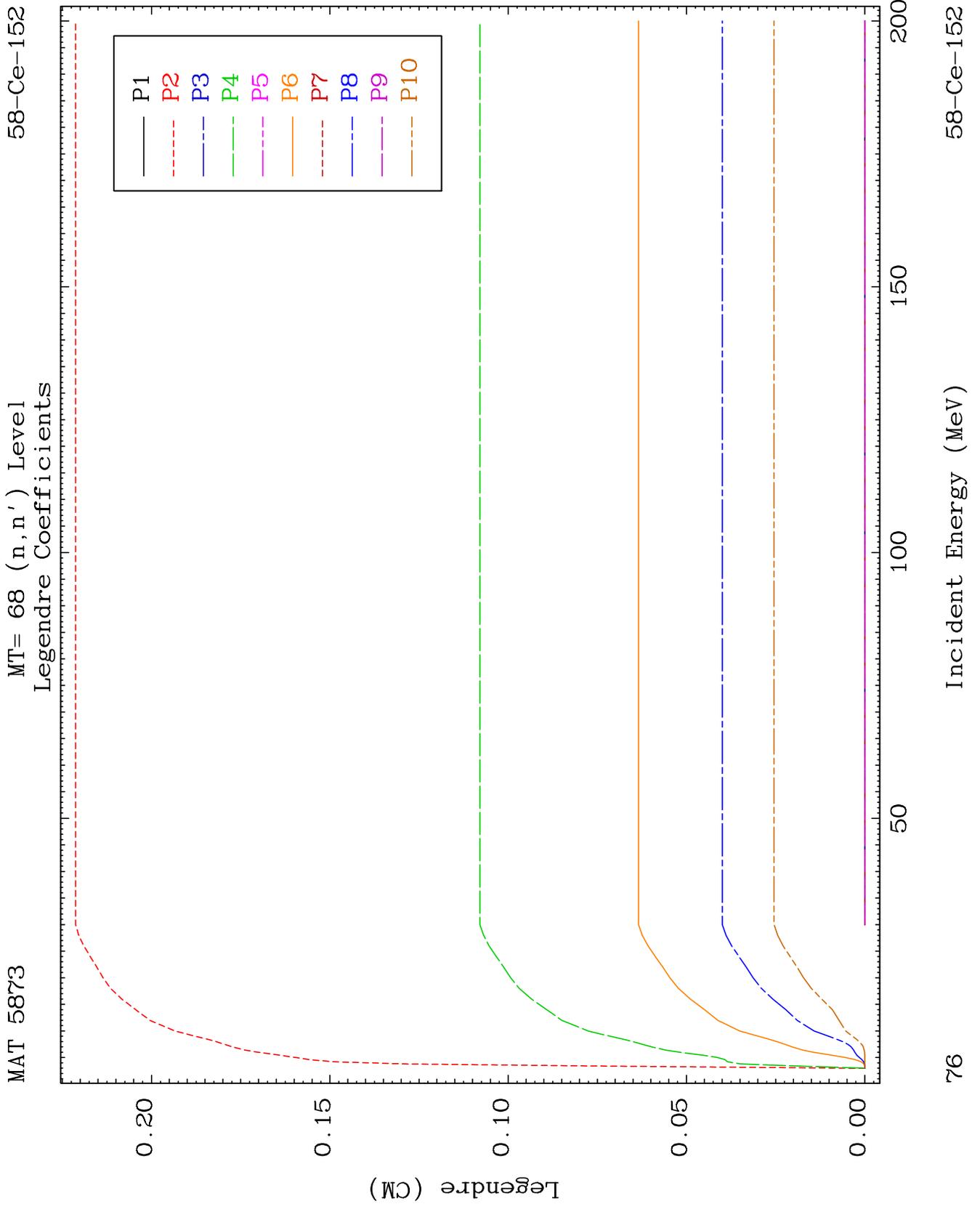
58-Ce-152



58-Ce-152

Incident Energy (MeV)

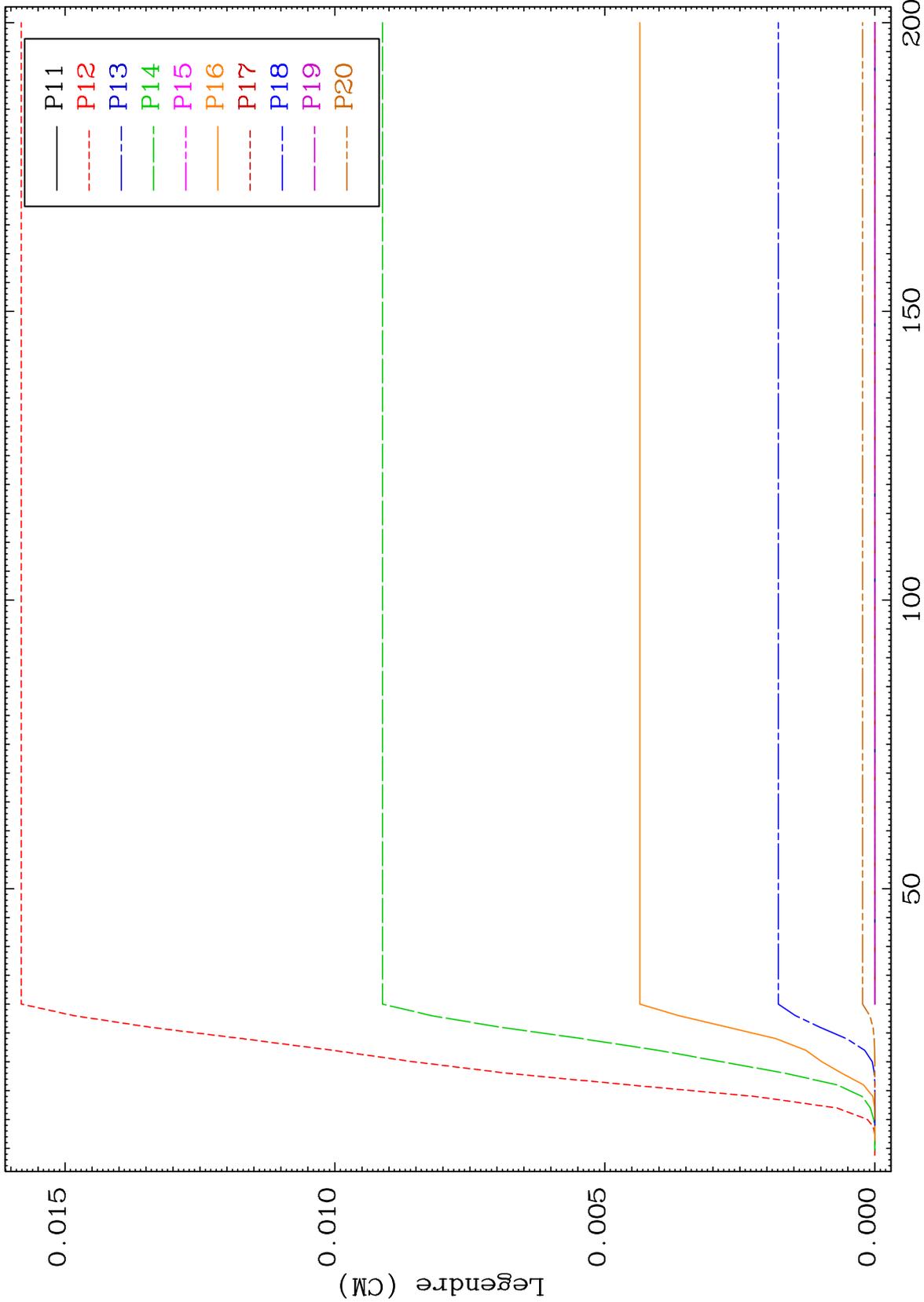
75



MAT 5873

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

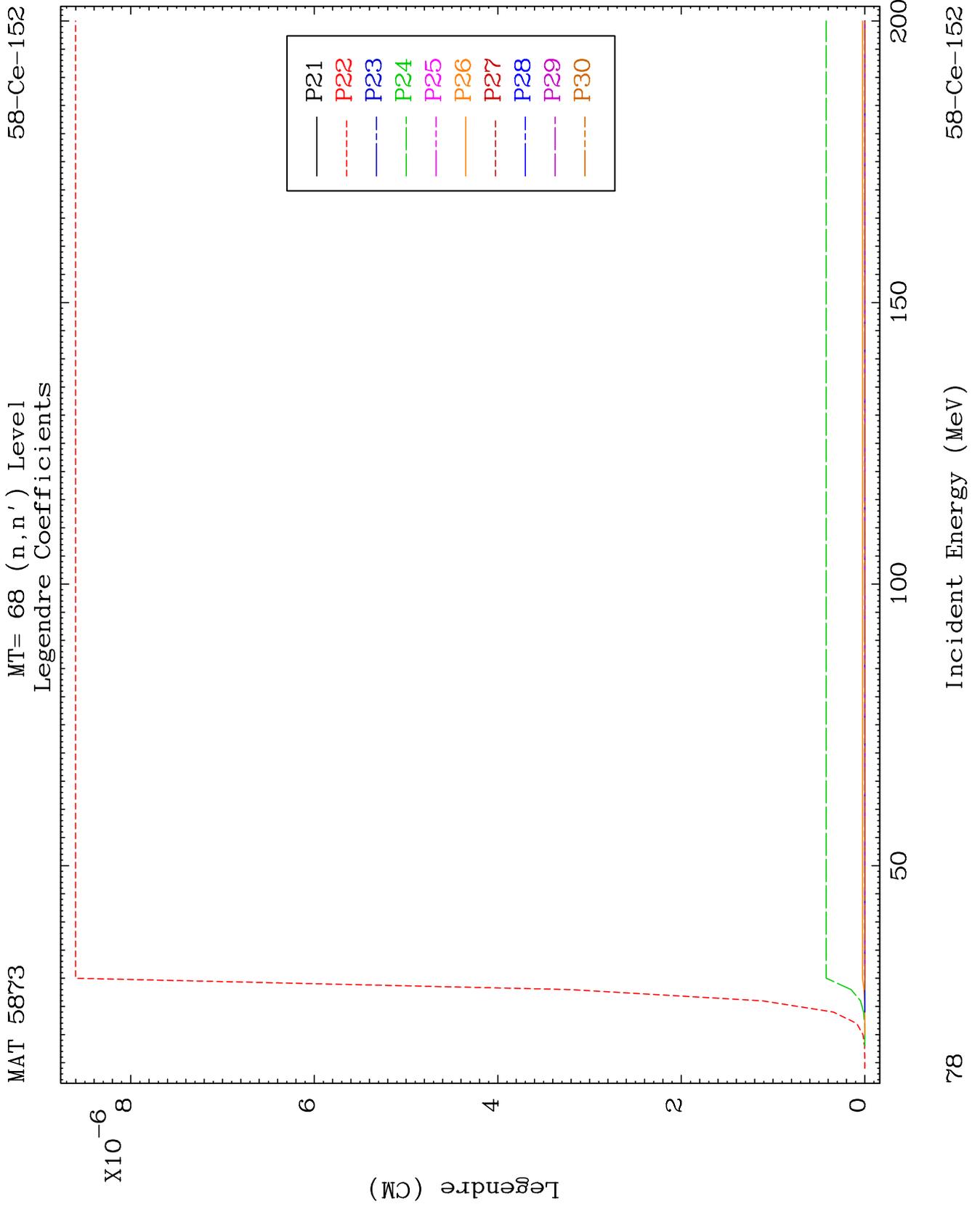
58-Ce-152



77

Incident Energy (MeV)

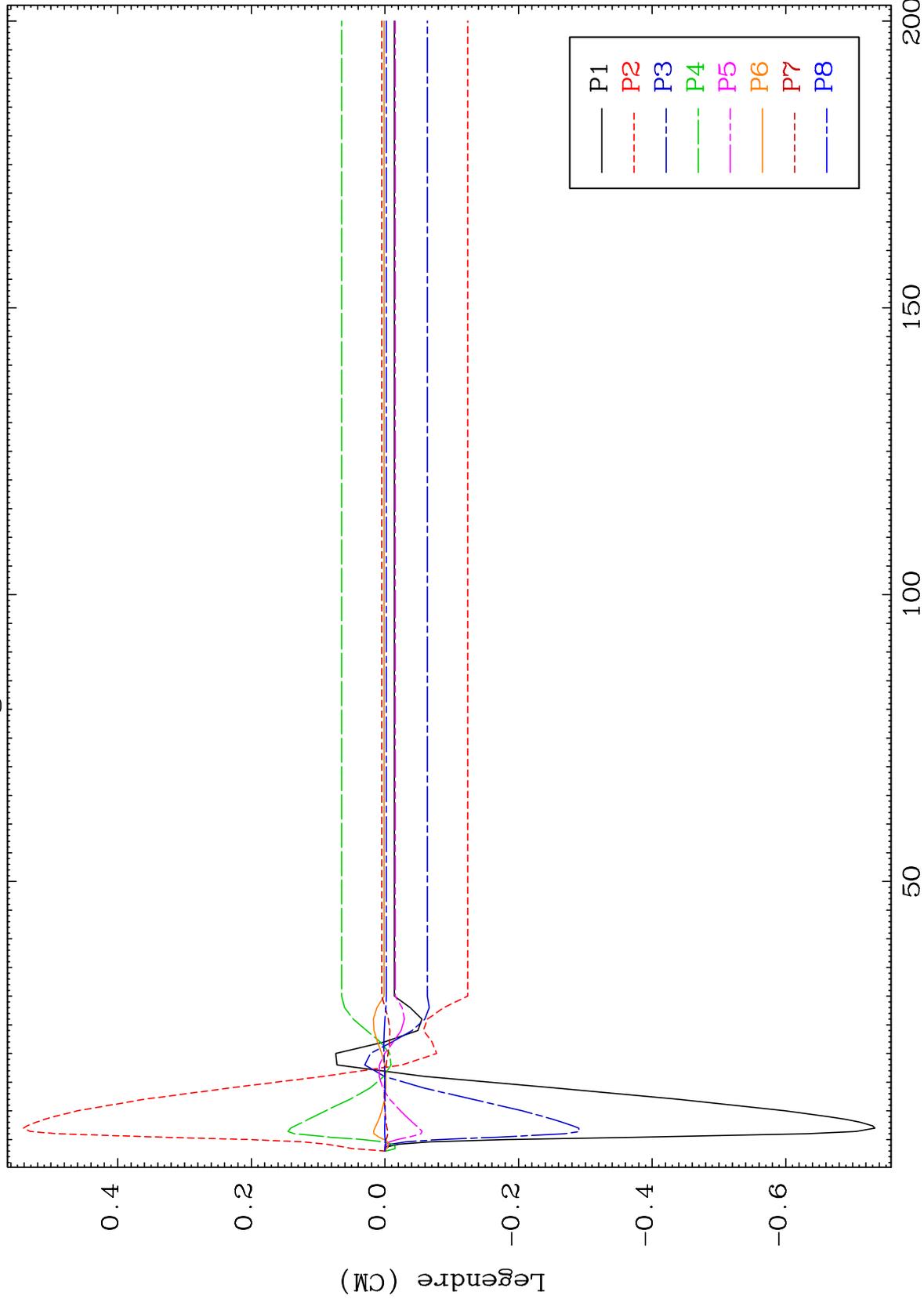
58-Ce-152



MAT 5873

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

58-Ce-152



79

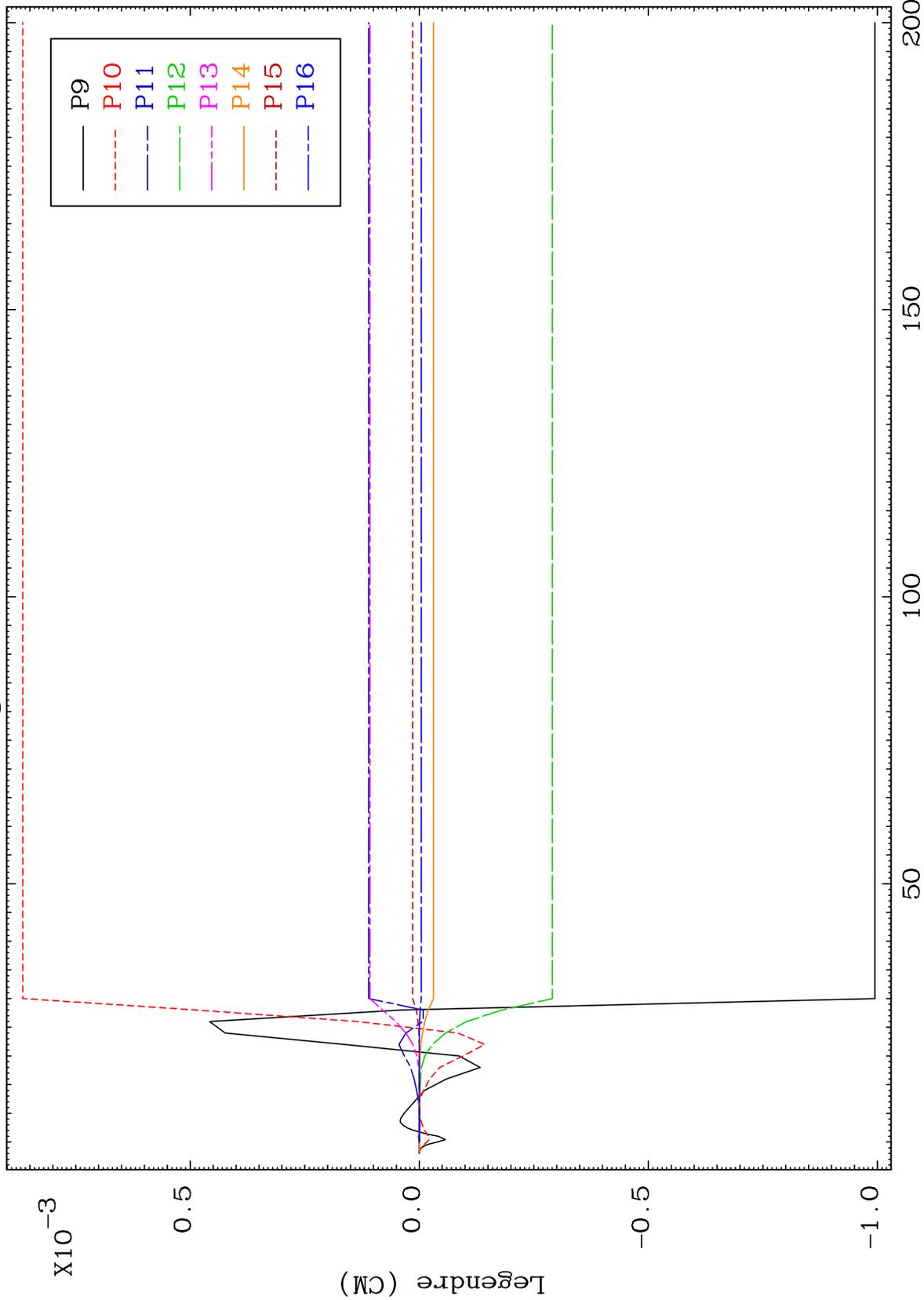
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



80

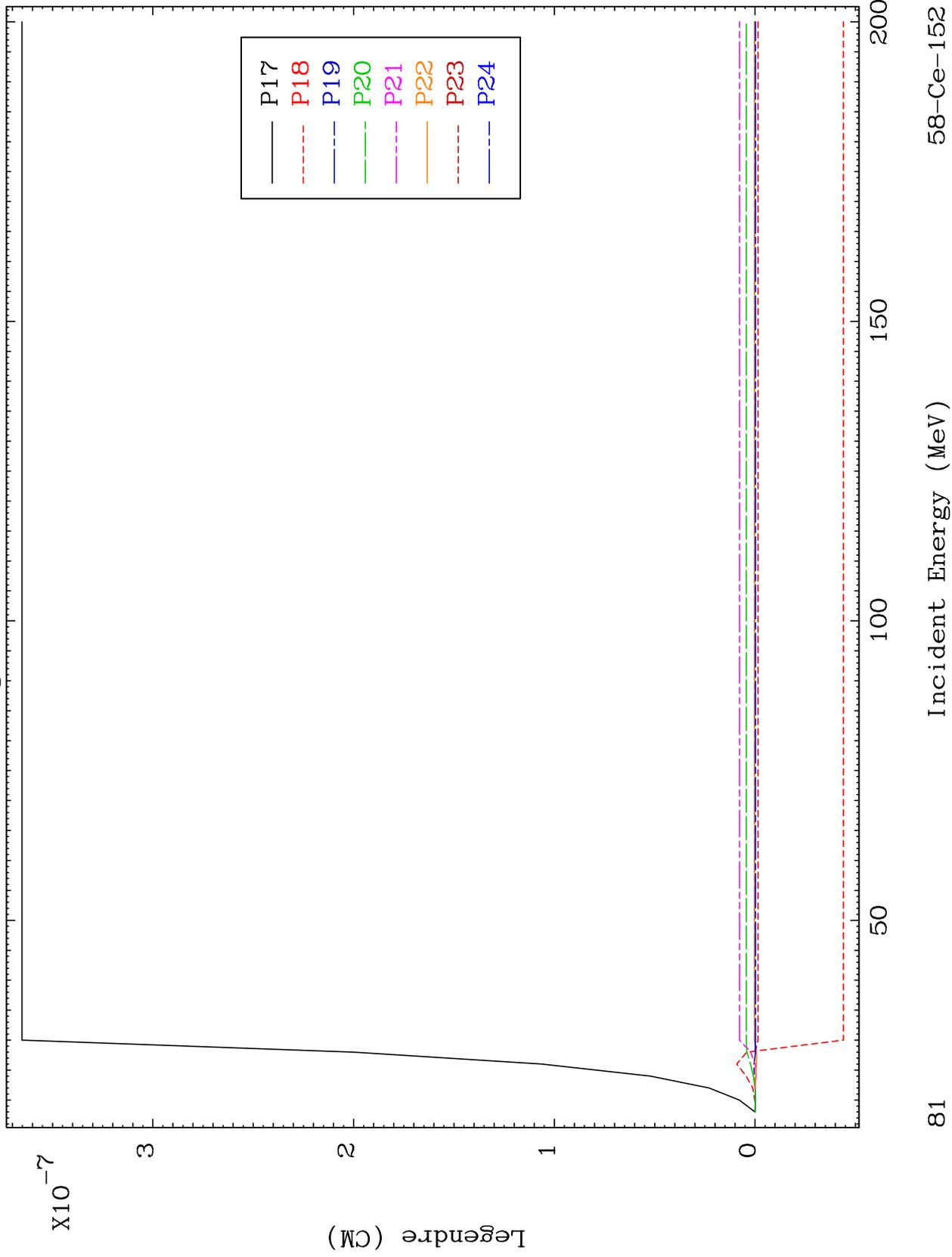
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



81

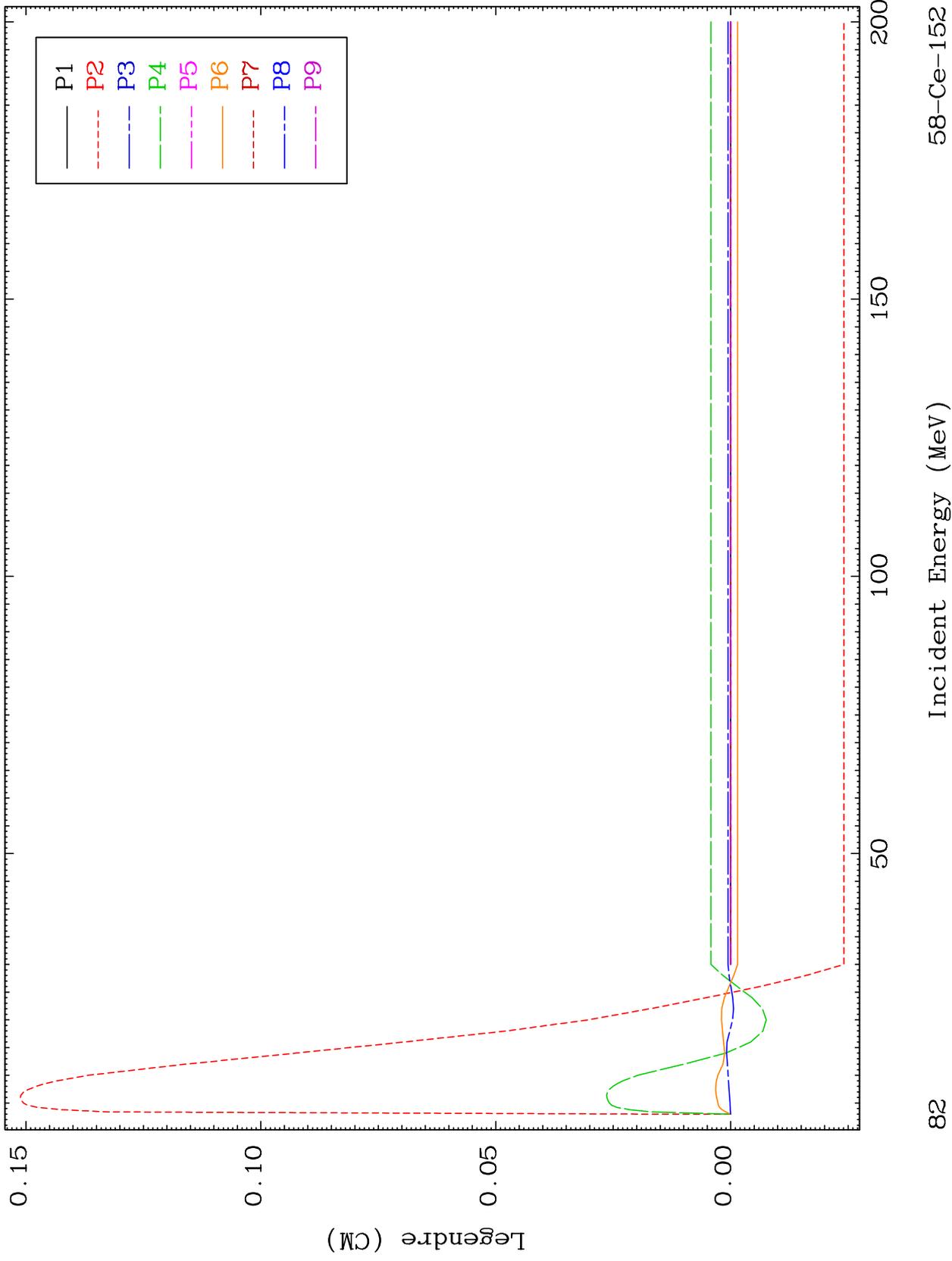
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

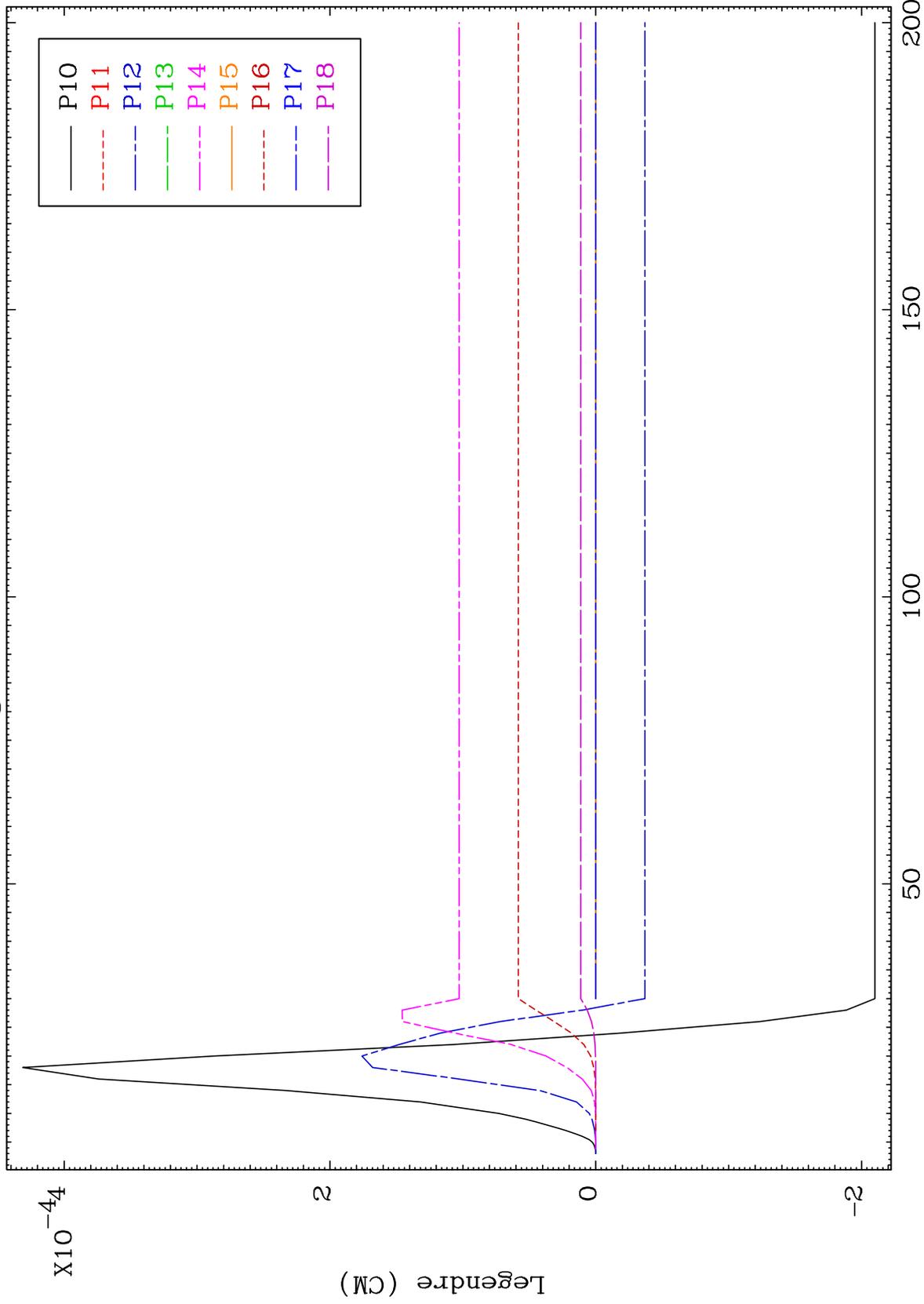


82

MAT 5873

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

58-Ce-152



83

Incident Energy (MeV)

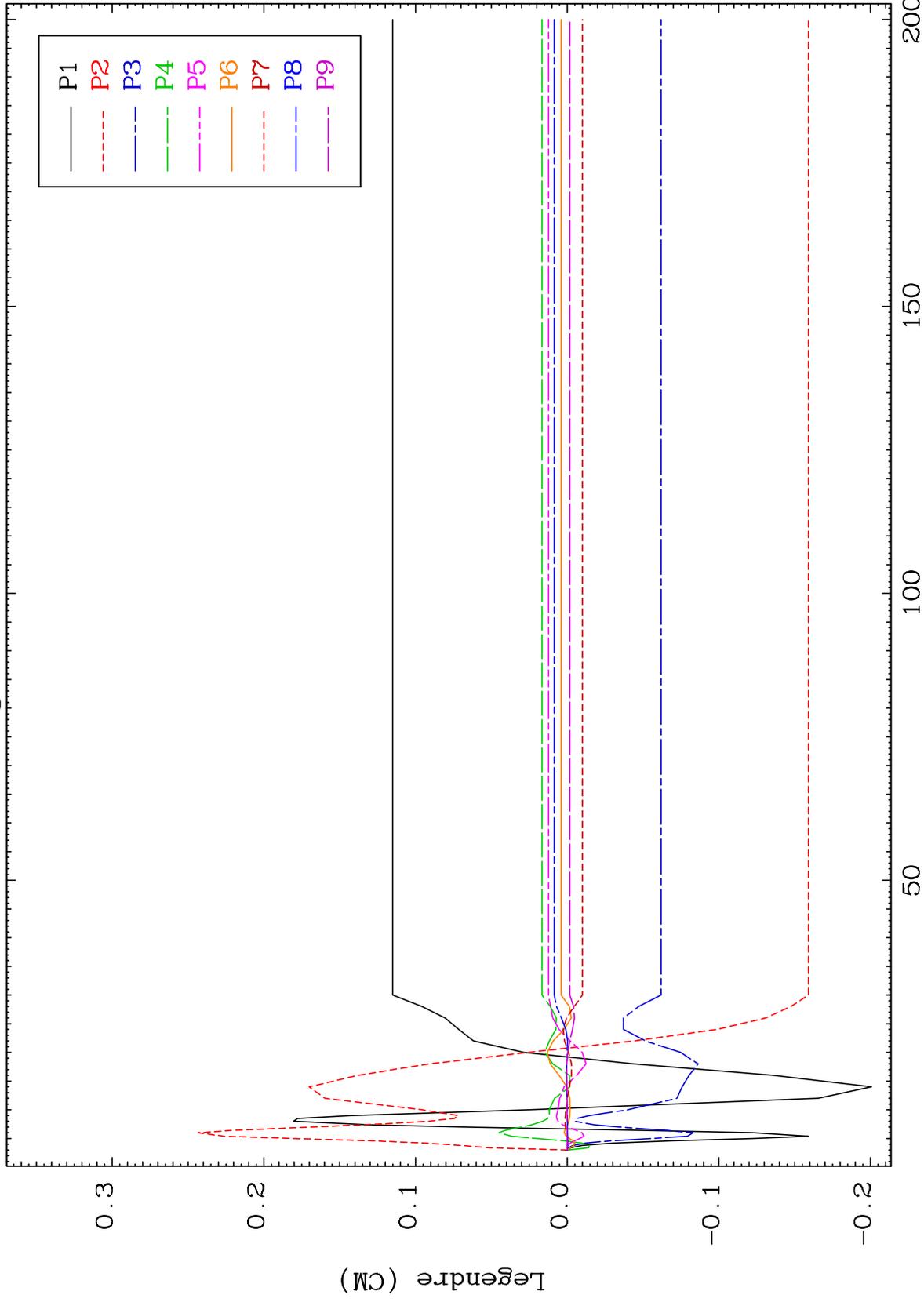
58-Ce-152



MAT 5873

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

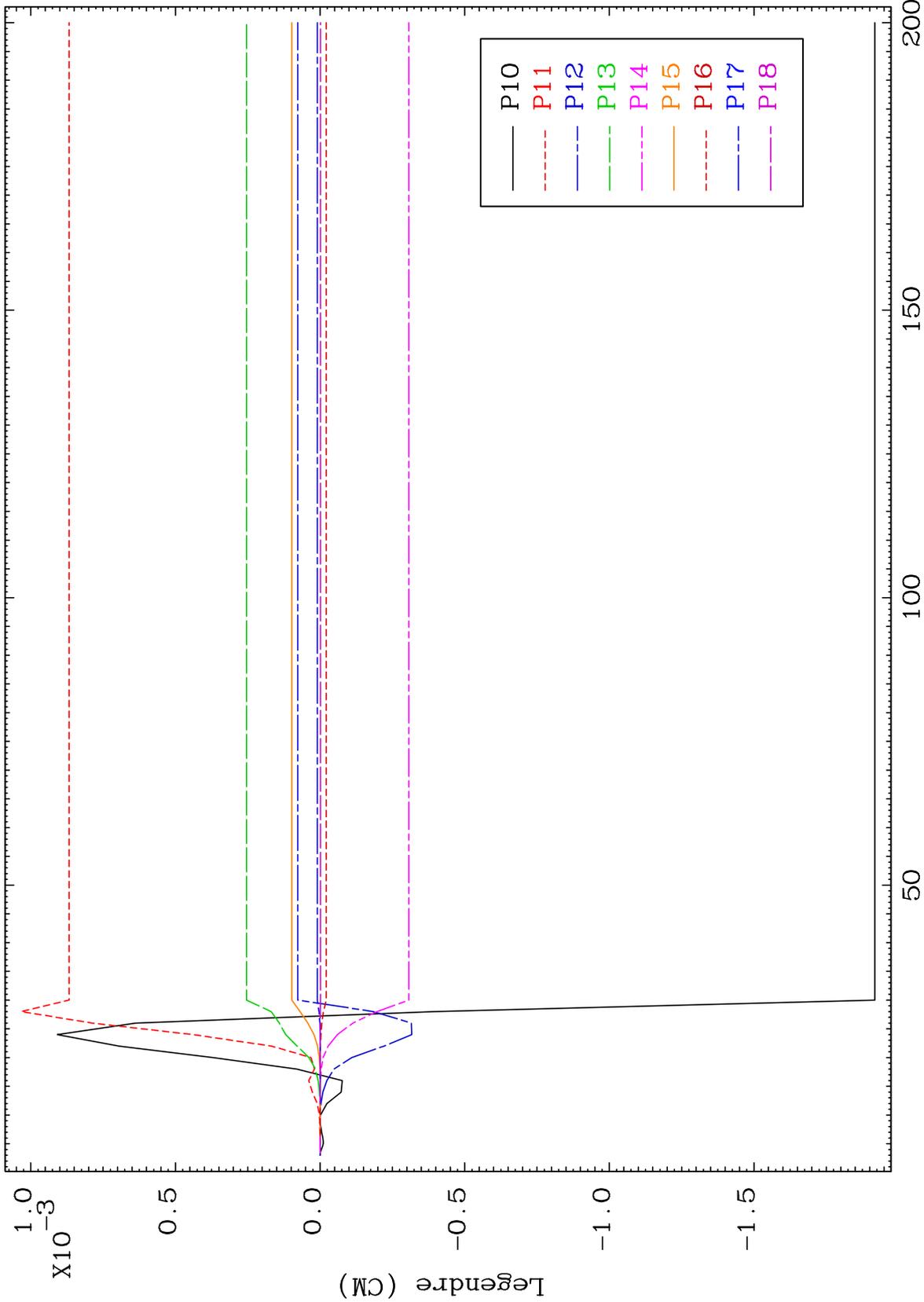
58-Ce-152



85

Incident Energy (MeV)

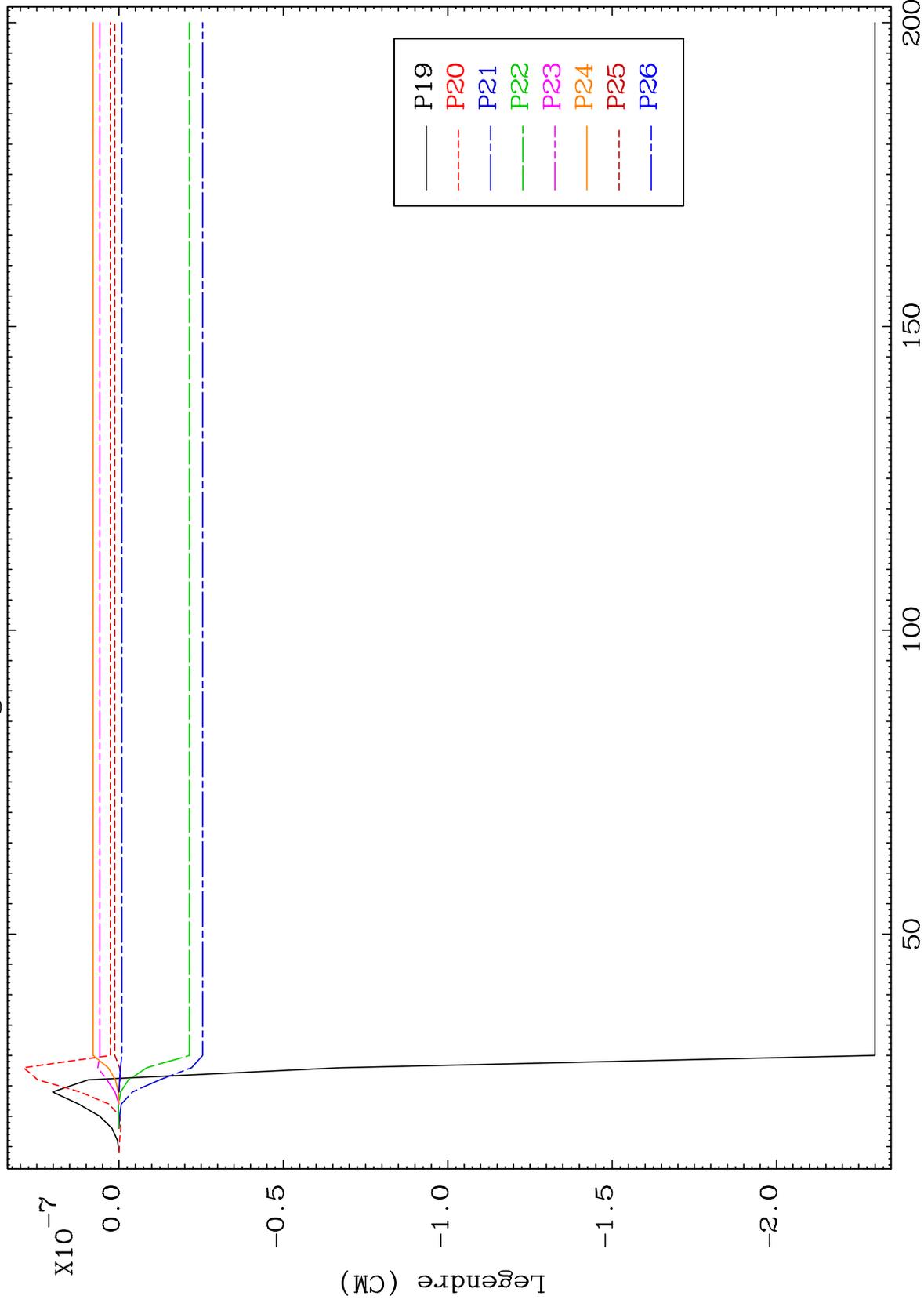
58-Ce-152



MAT 5873

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

58-Ce-152



87

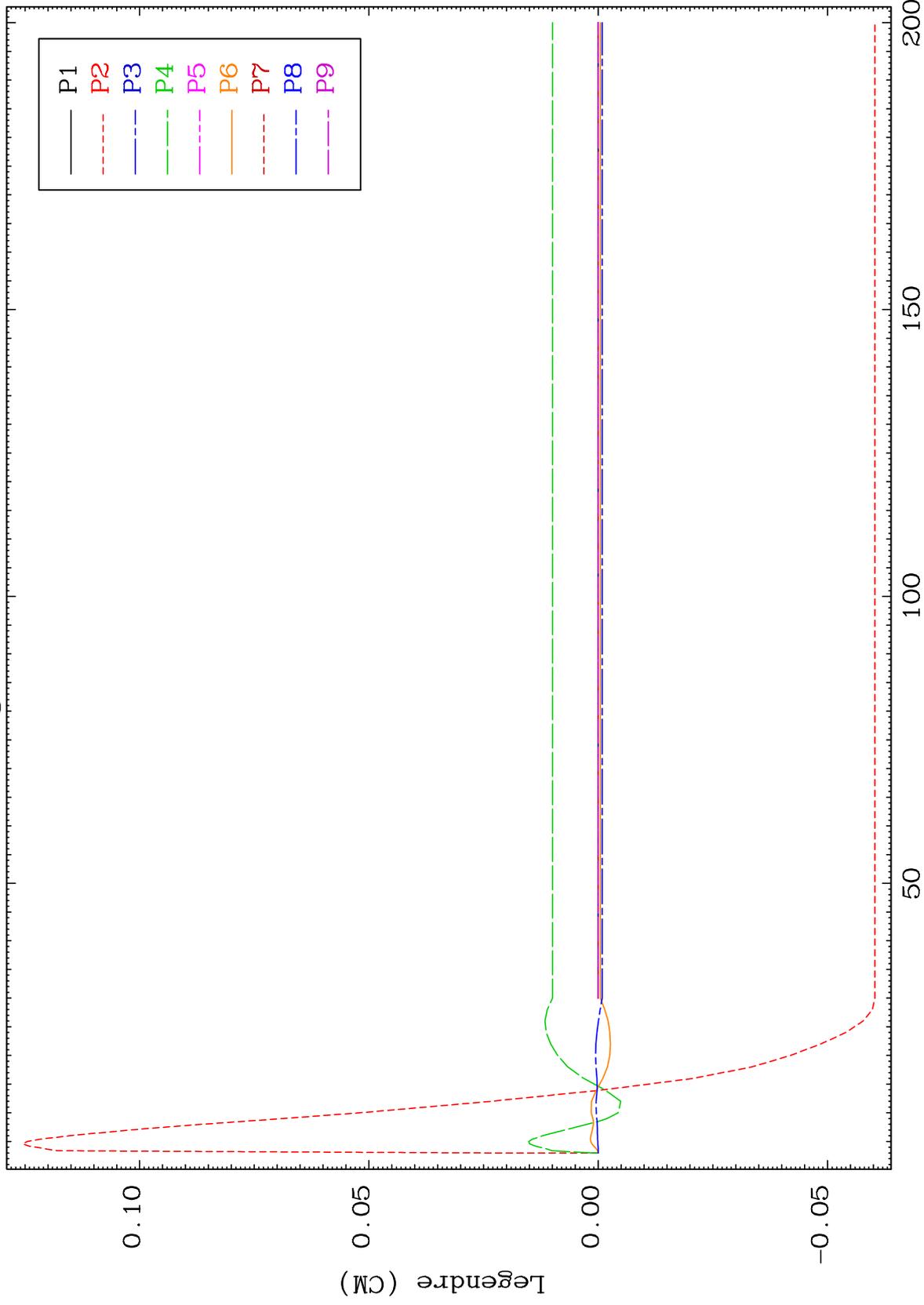
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



88

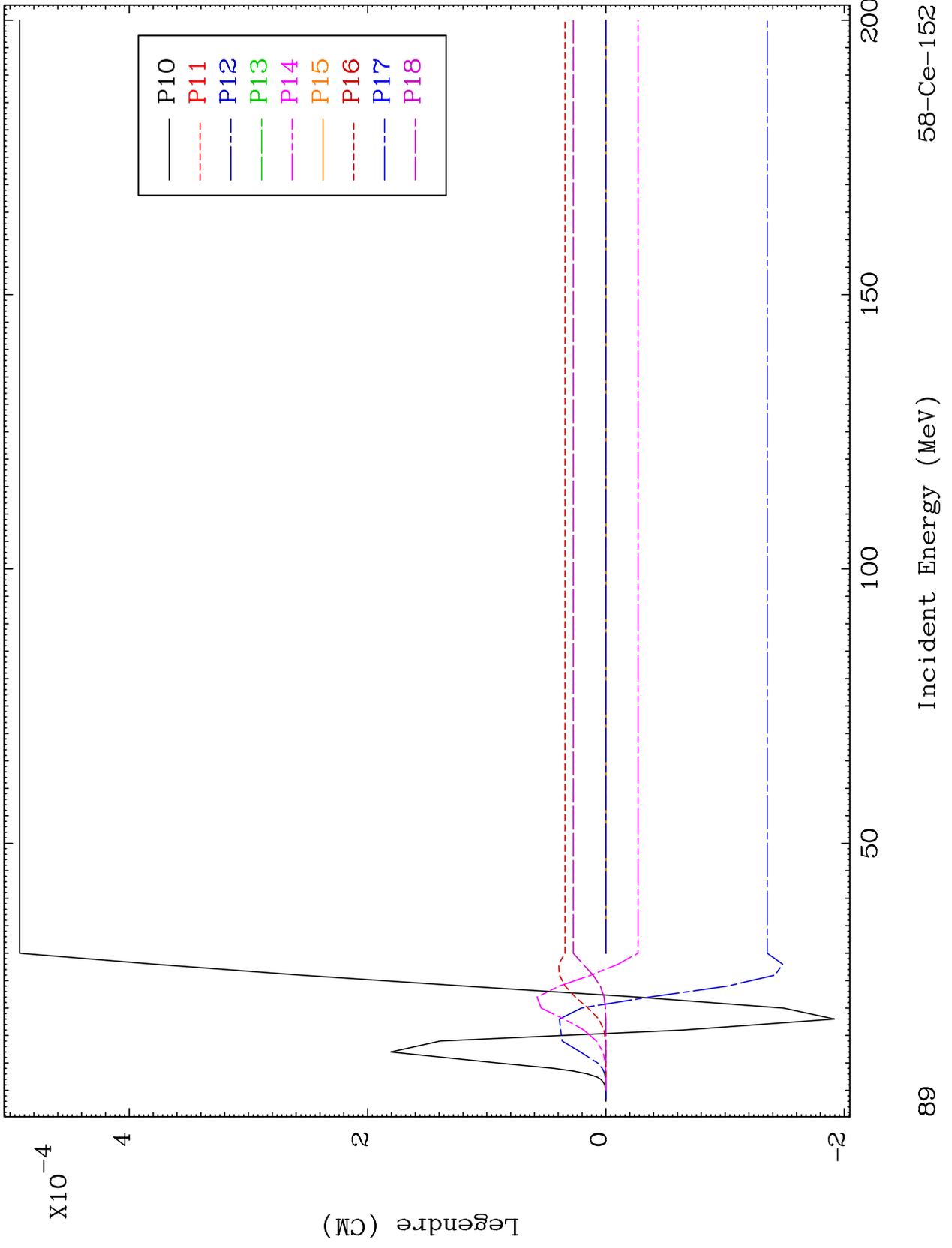
Incident Energy (MeV)

58-Ce-152

MAT 5873

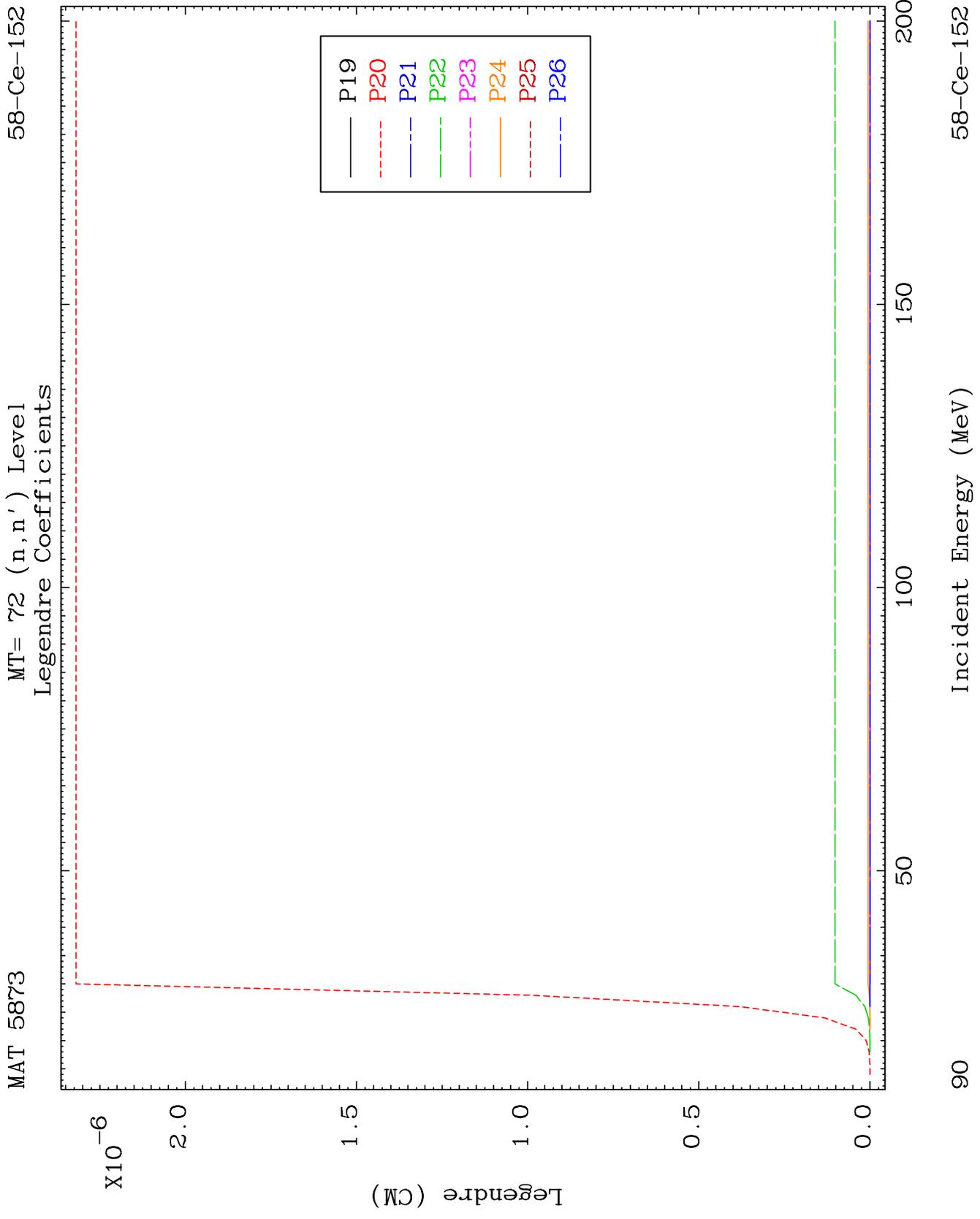
MT= 72 (n,n') Level  
Legendre Coefficients

58-Ce-152



89

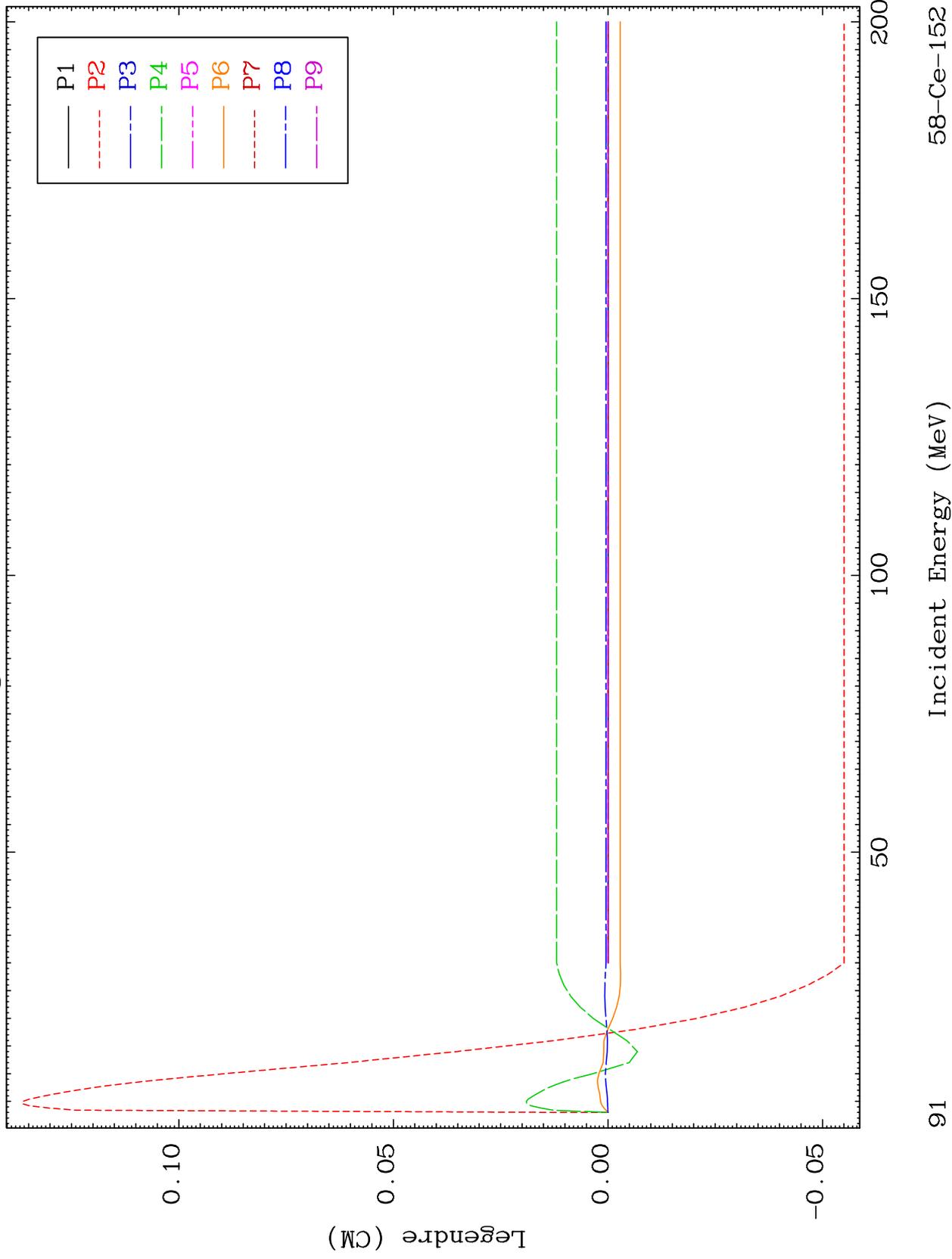
58-Ce-152



MAT 5873

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

58-Ce-152



91

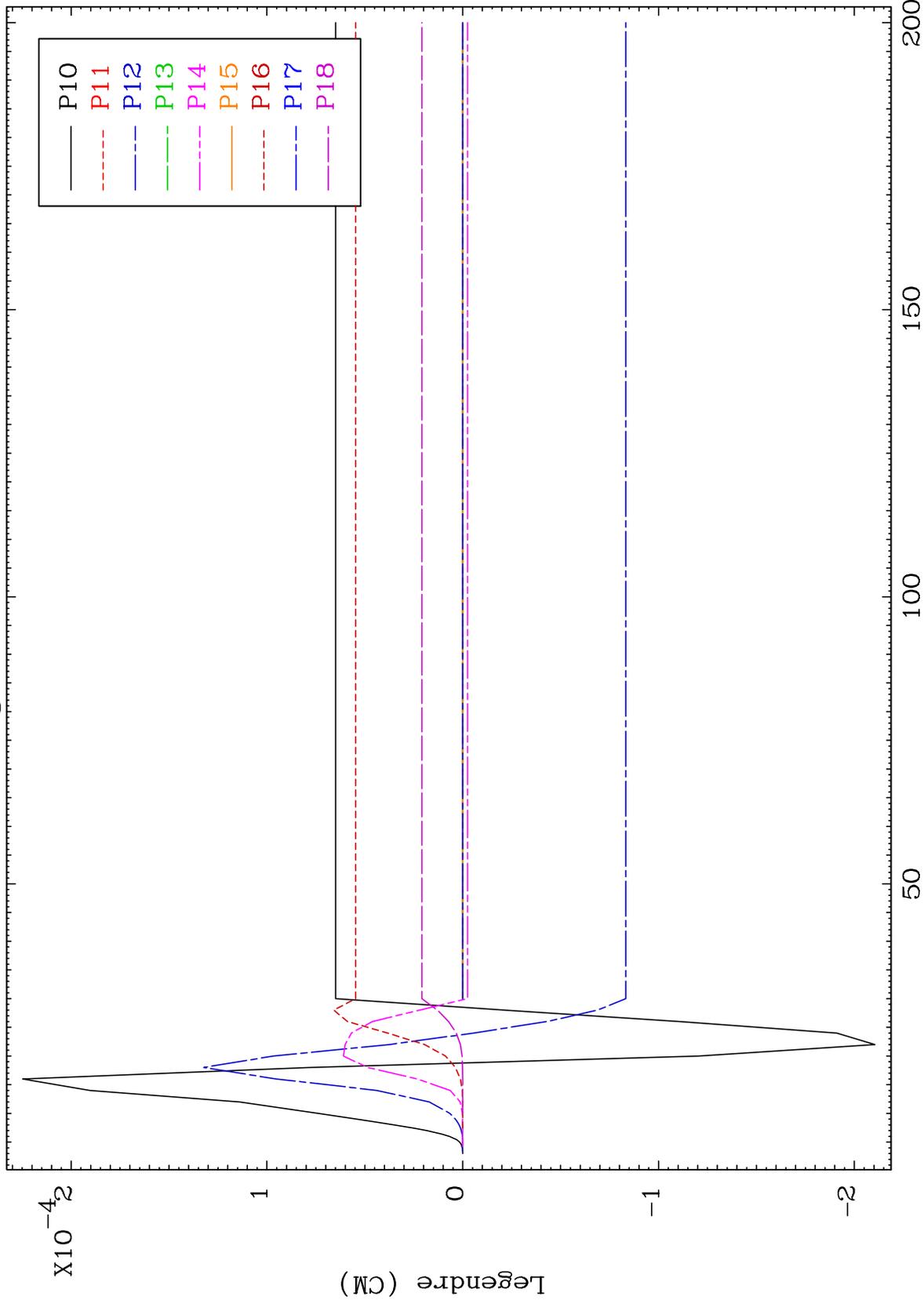
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



92

Incident Energy (MeV)

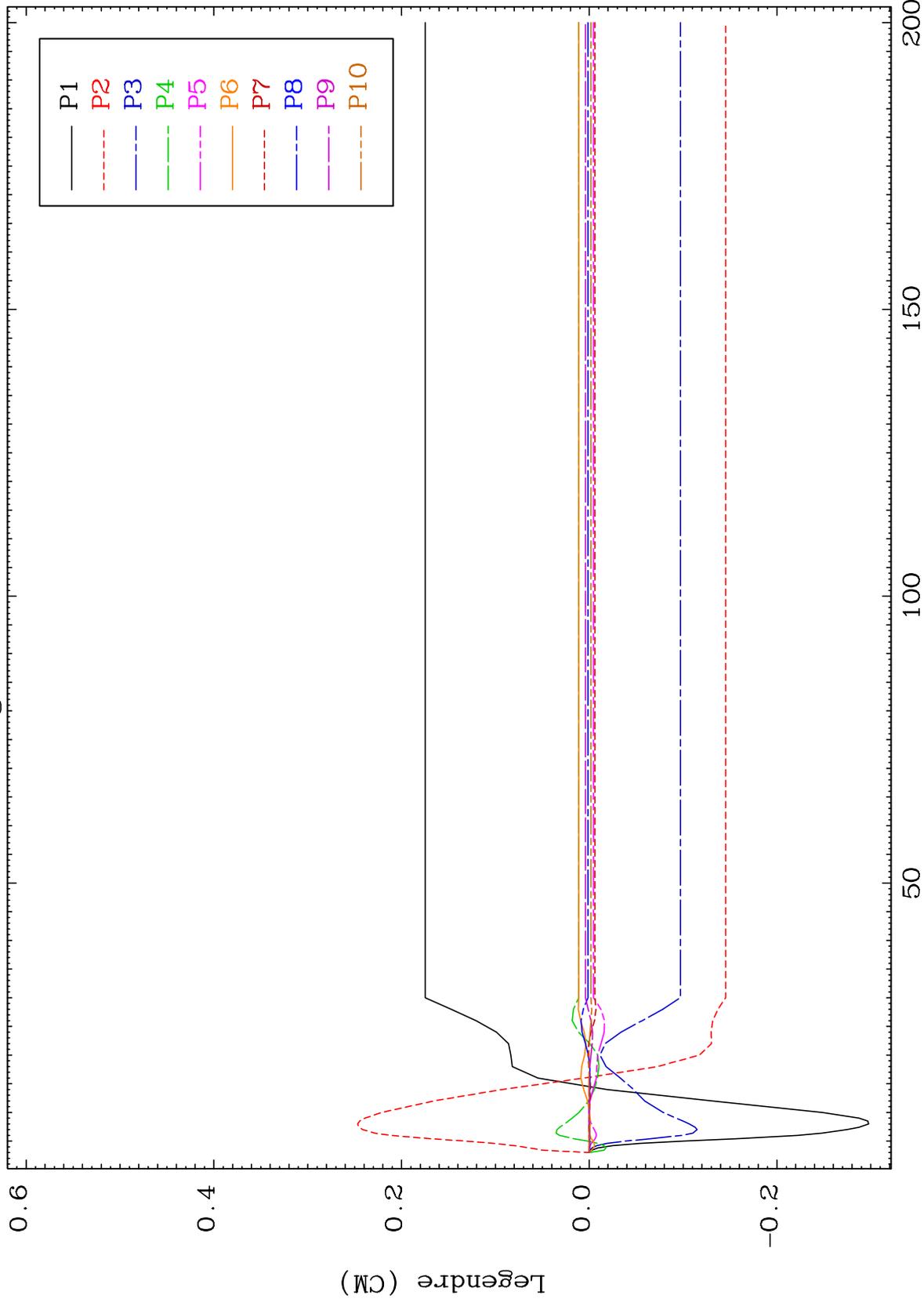
58-Ce-152



MAT 5873

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

58-Ce-152



94

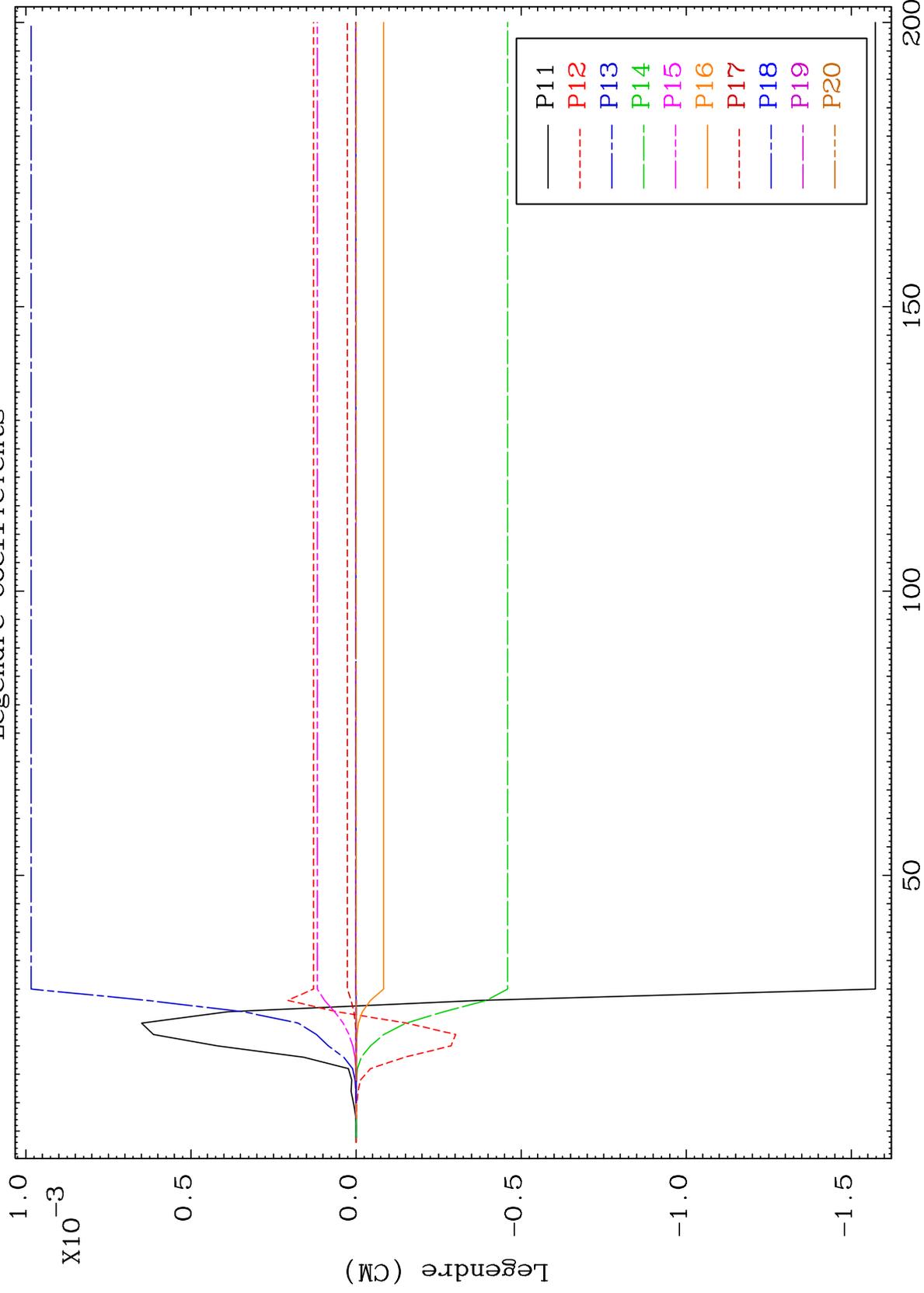
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



95

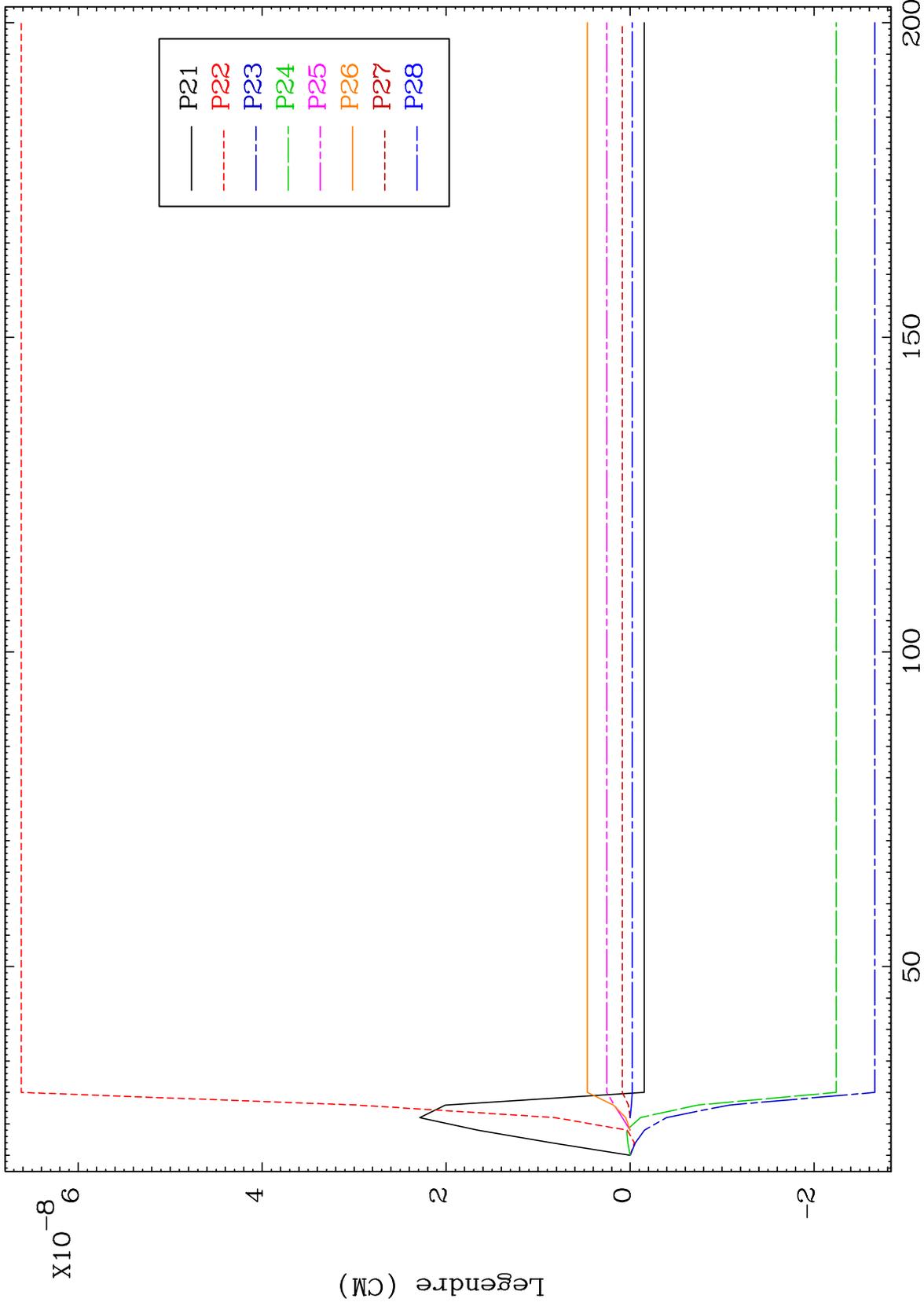
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



96

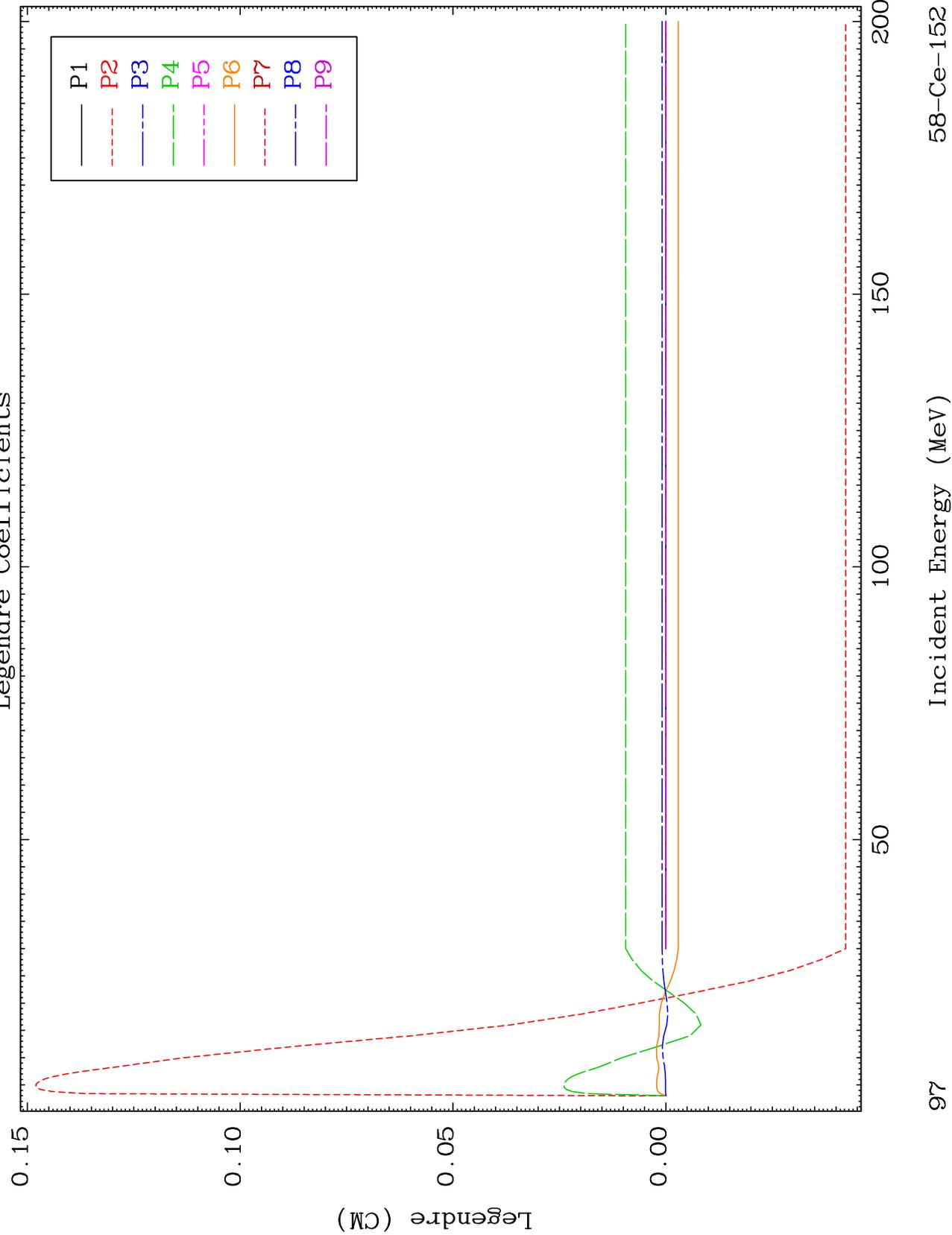
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



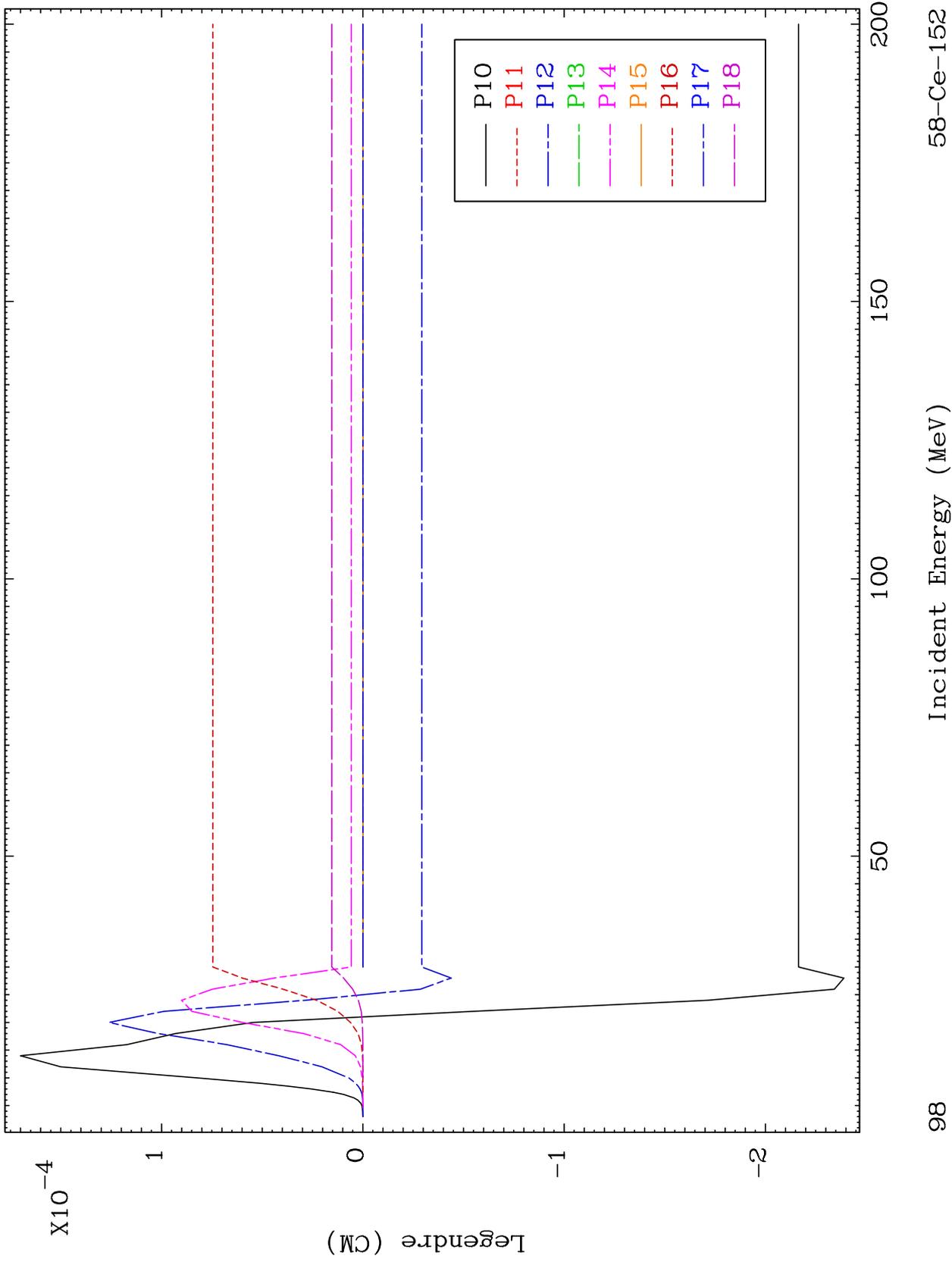
97

58-Ce-152

MAT 5873

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

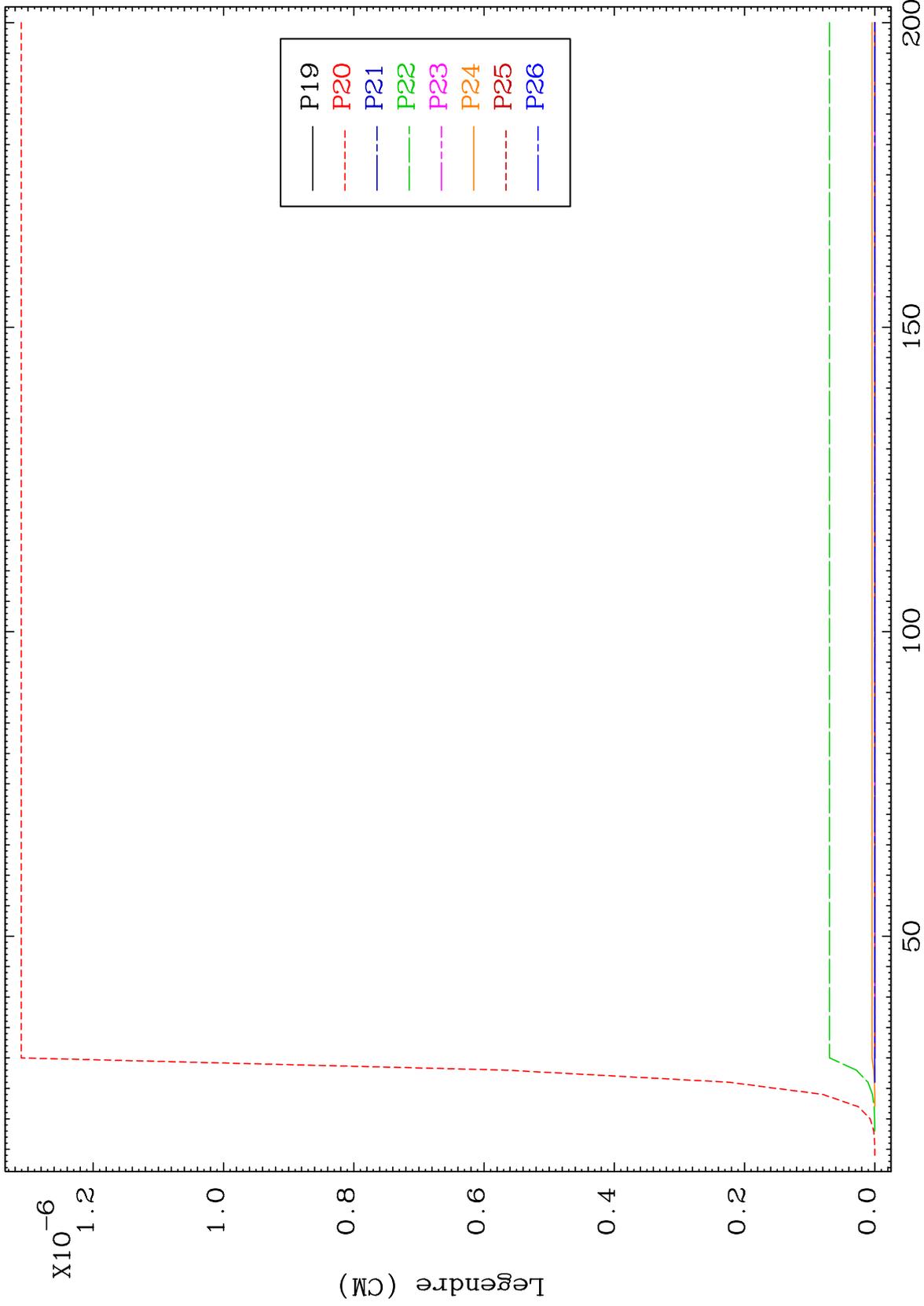
58-Ce-152



MAT 5873

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

58-Ce-152



99

Incident Energy (MeV)

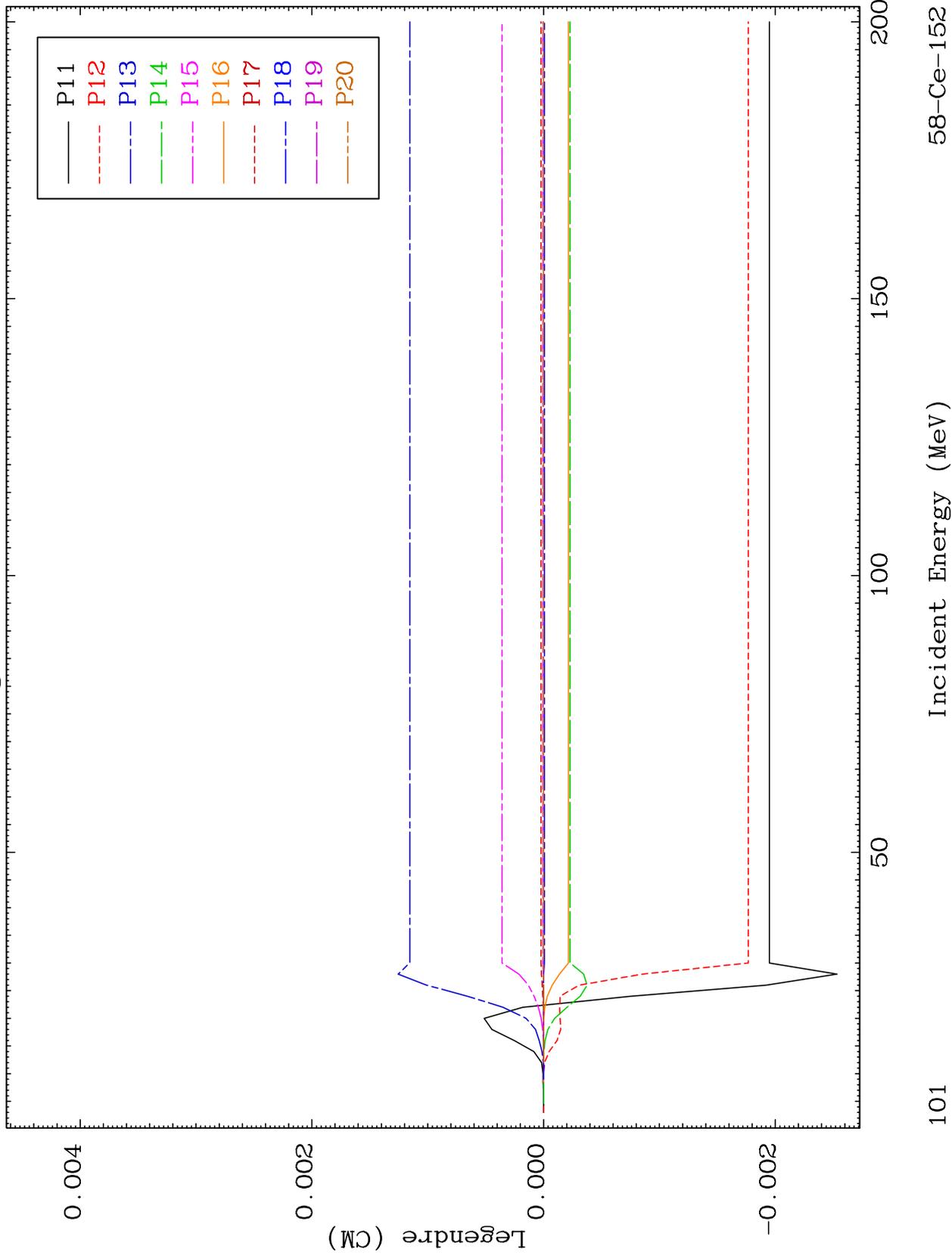
58-Ce-152



MAT 5873

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

58-Ce-152



101

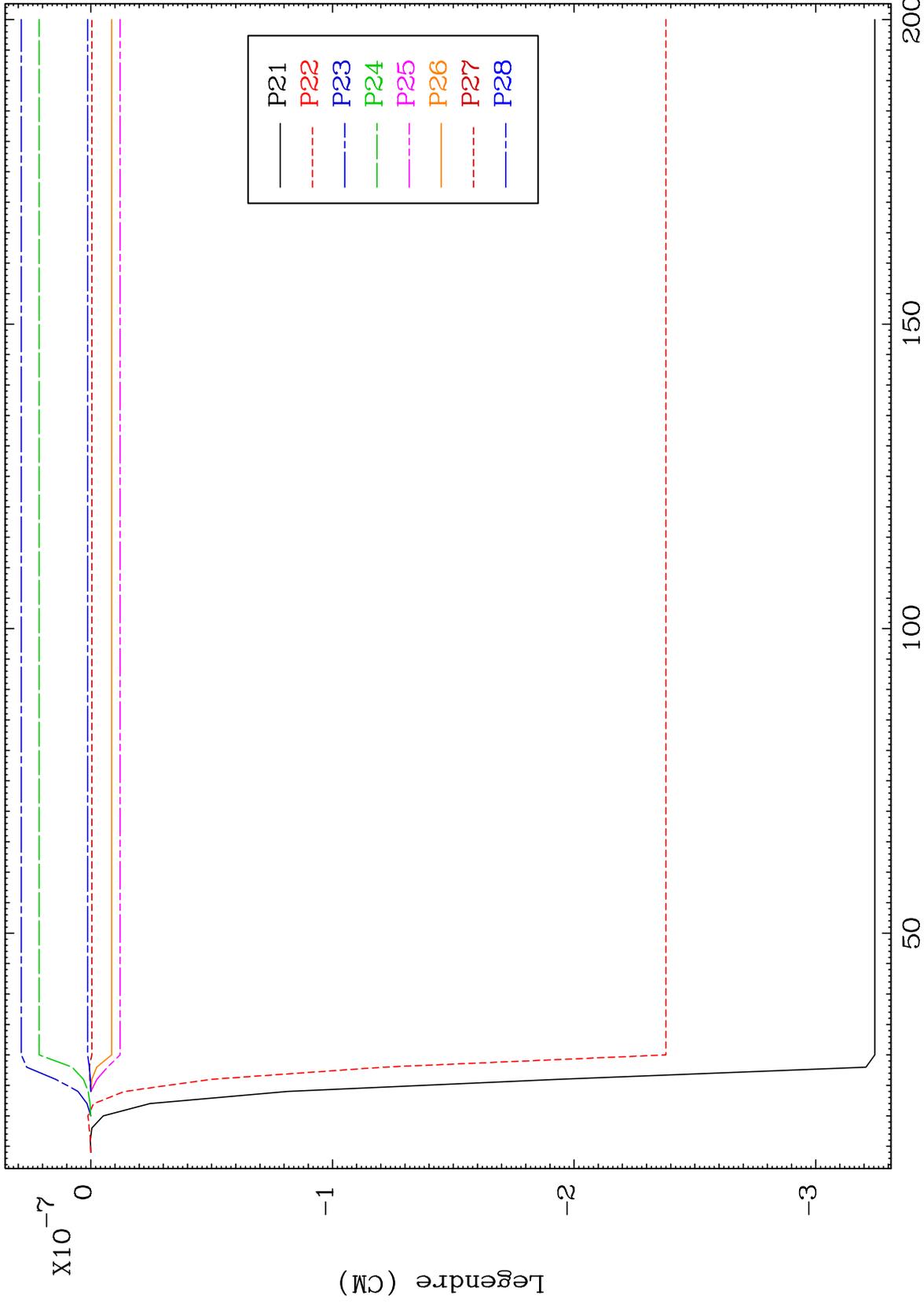
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

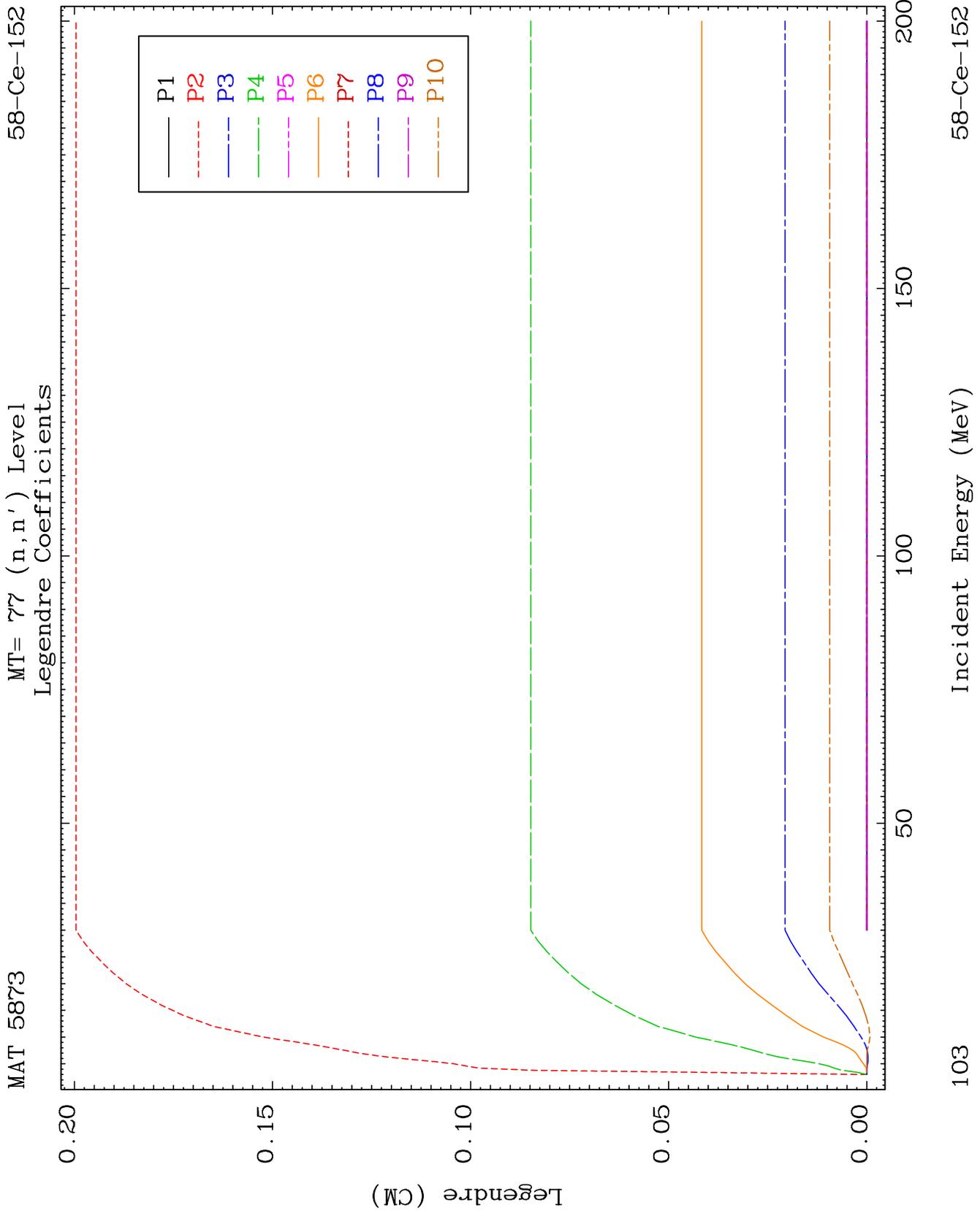
58-Ce-152

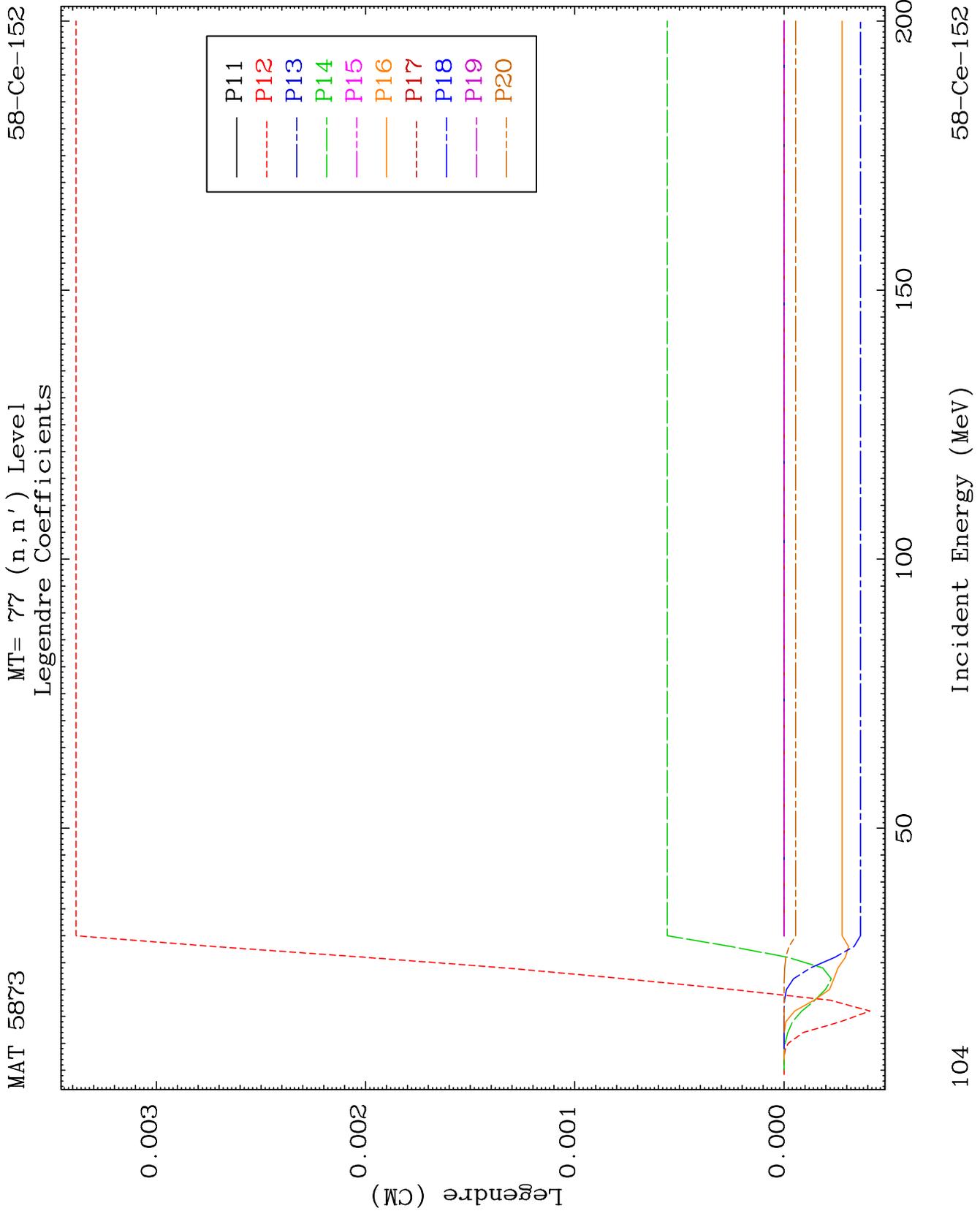


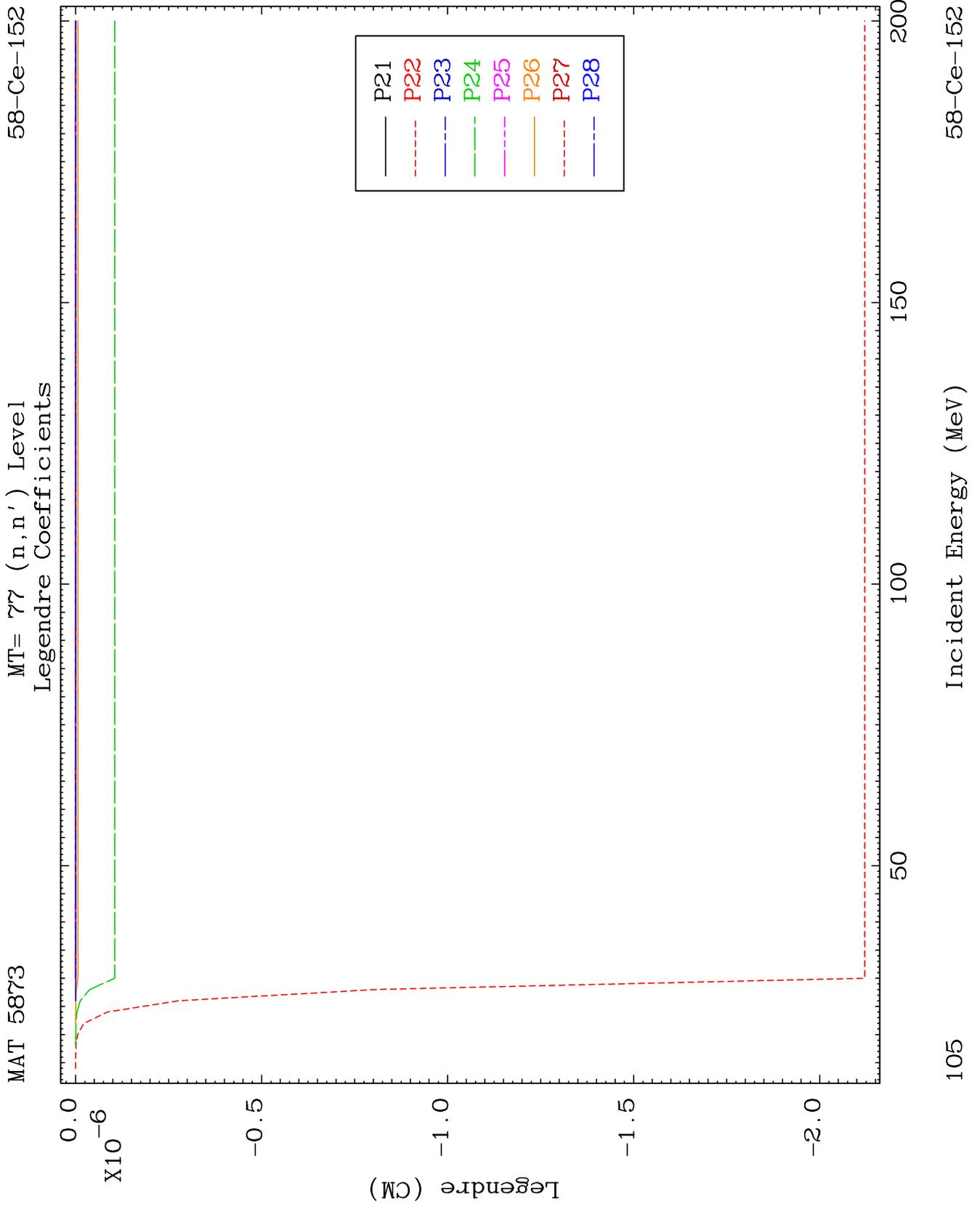
102

Incident Energy (MeV)

58-Ce-152



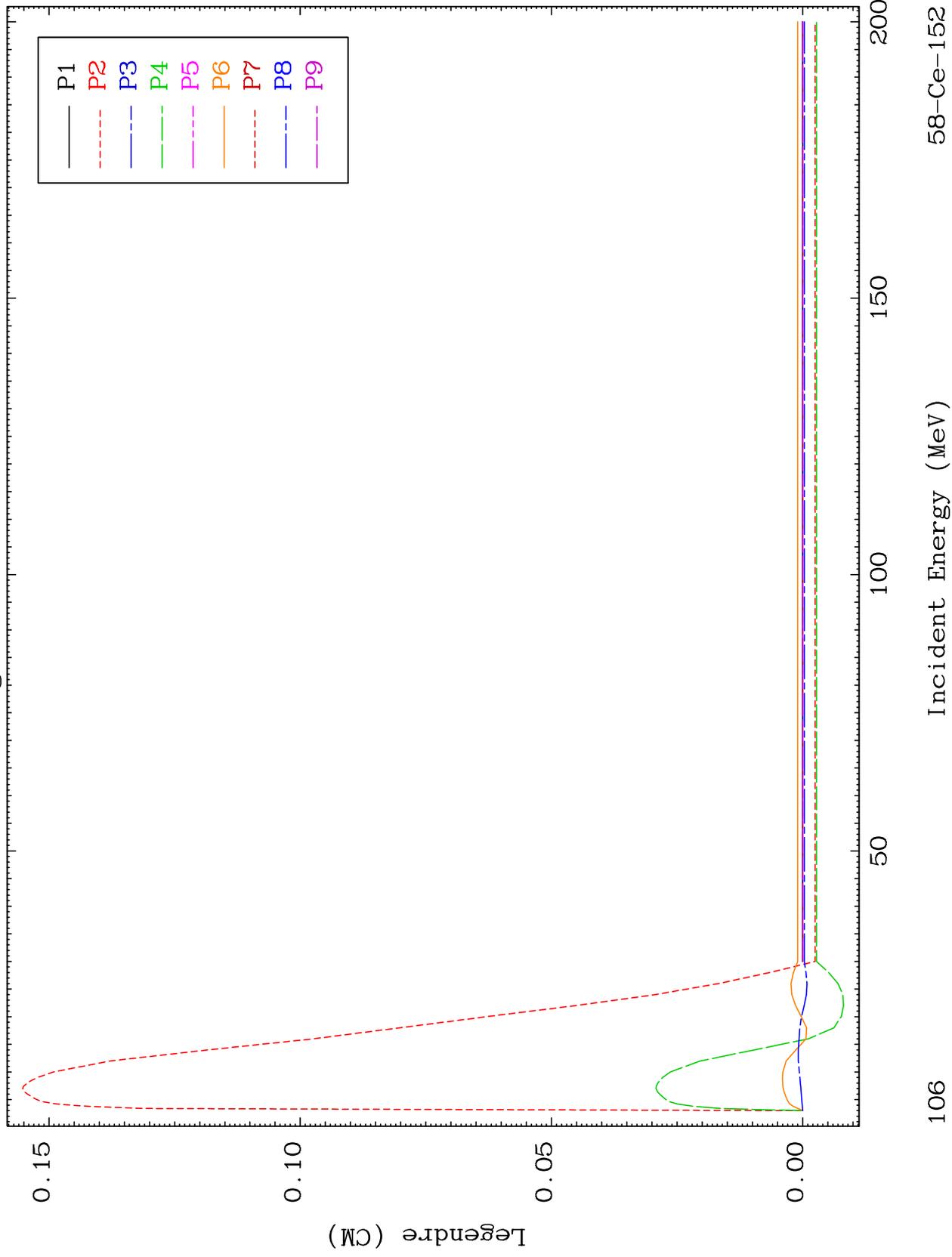




MAT 5873

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

58-Ce-152



106

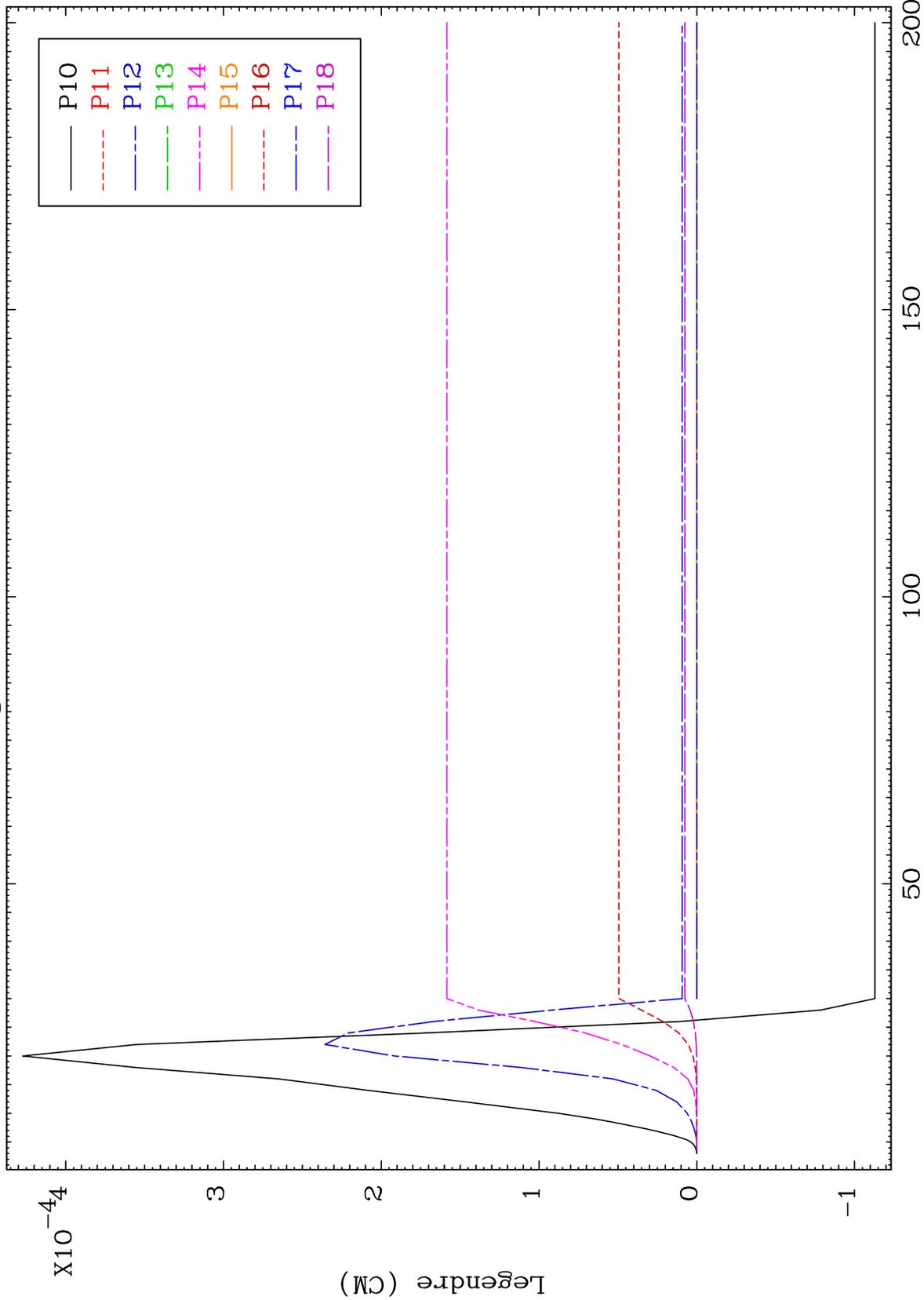
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

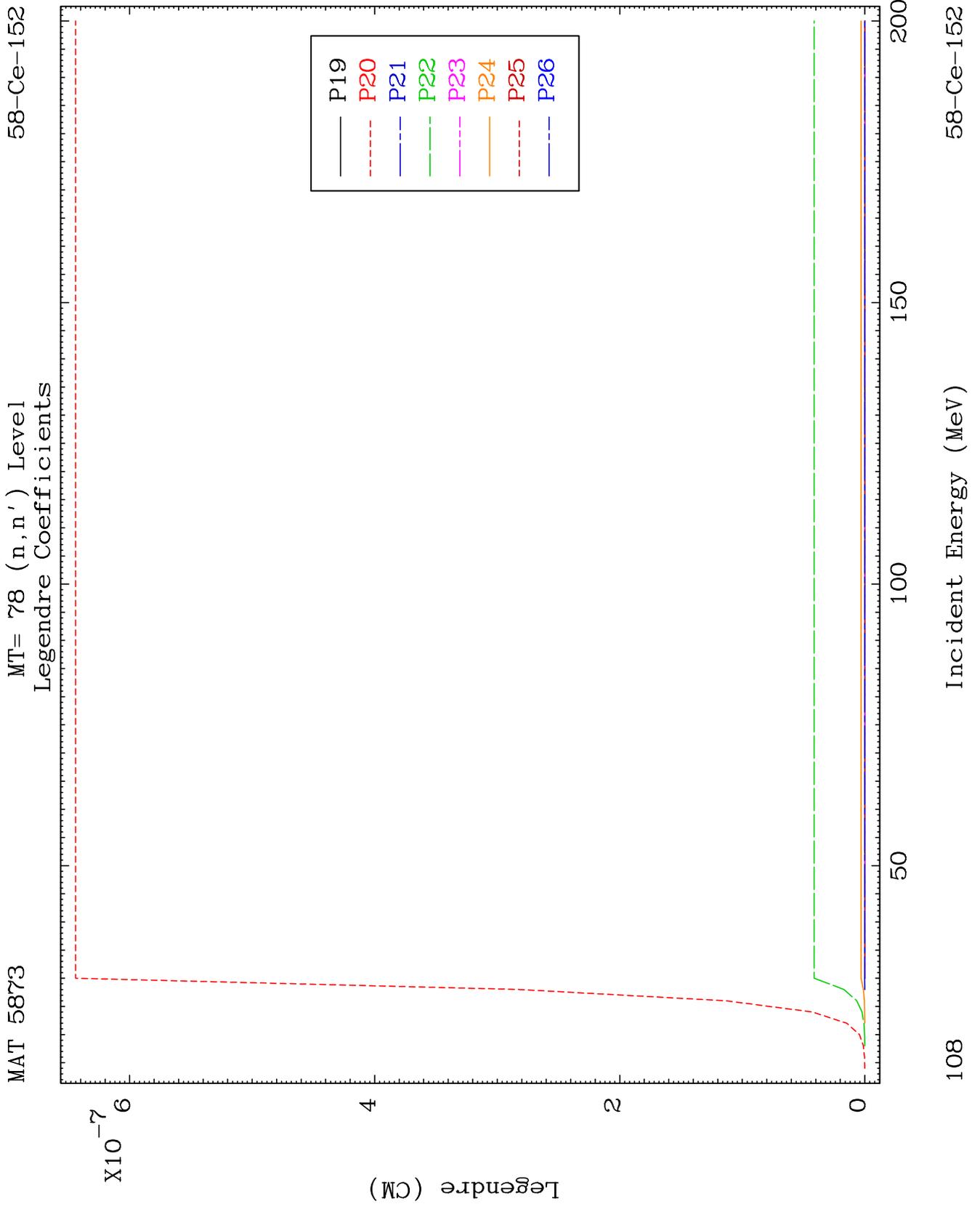
58-Ce-152

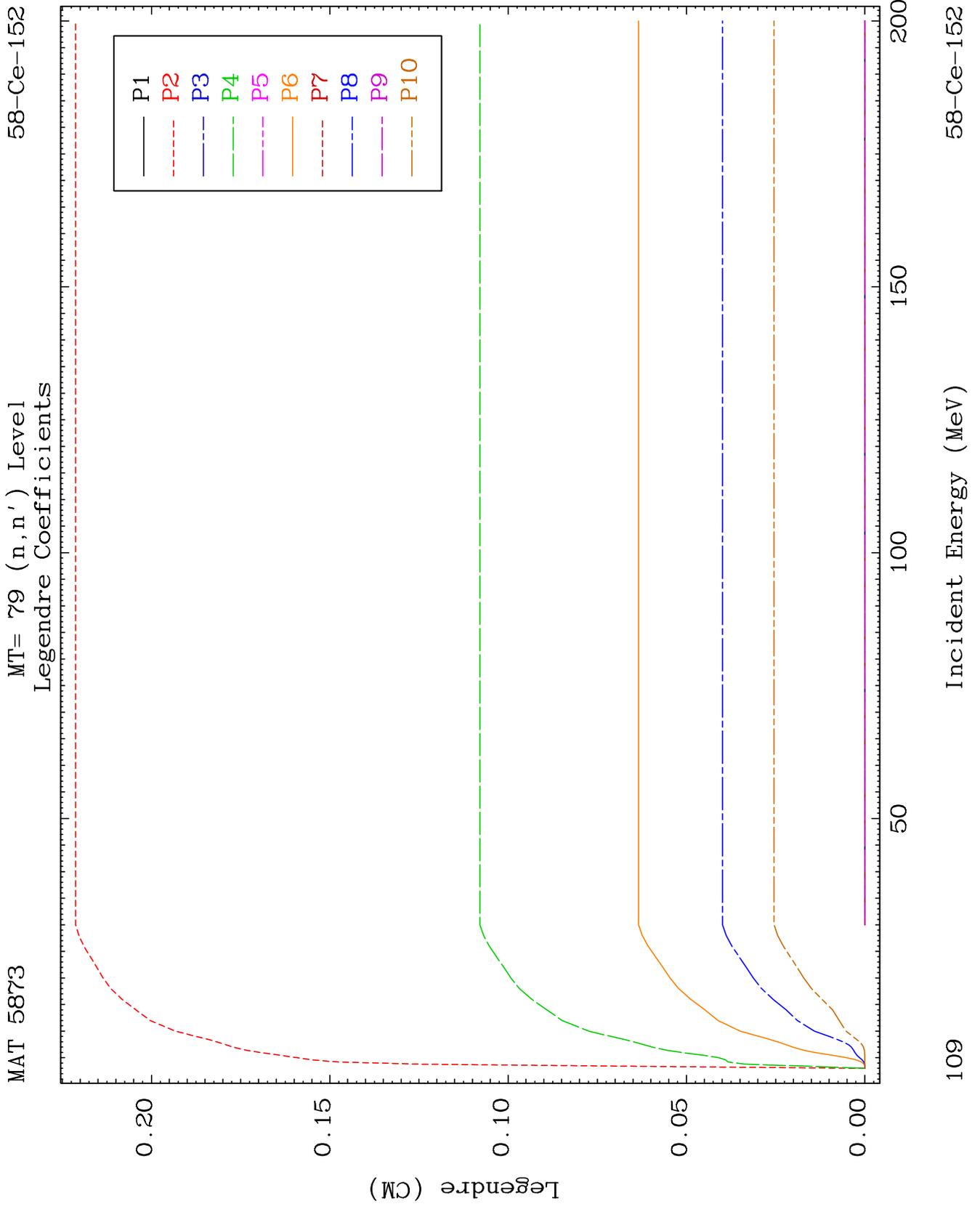


107

Incident Energy (MeV)

58-Ce-152

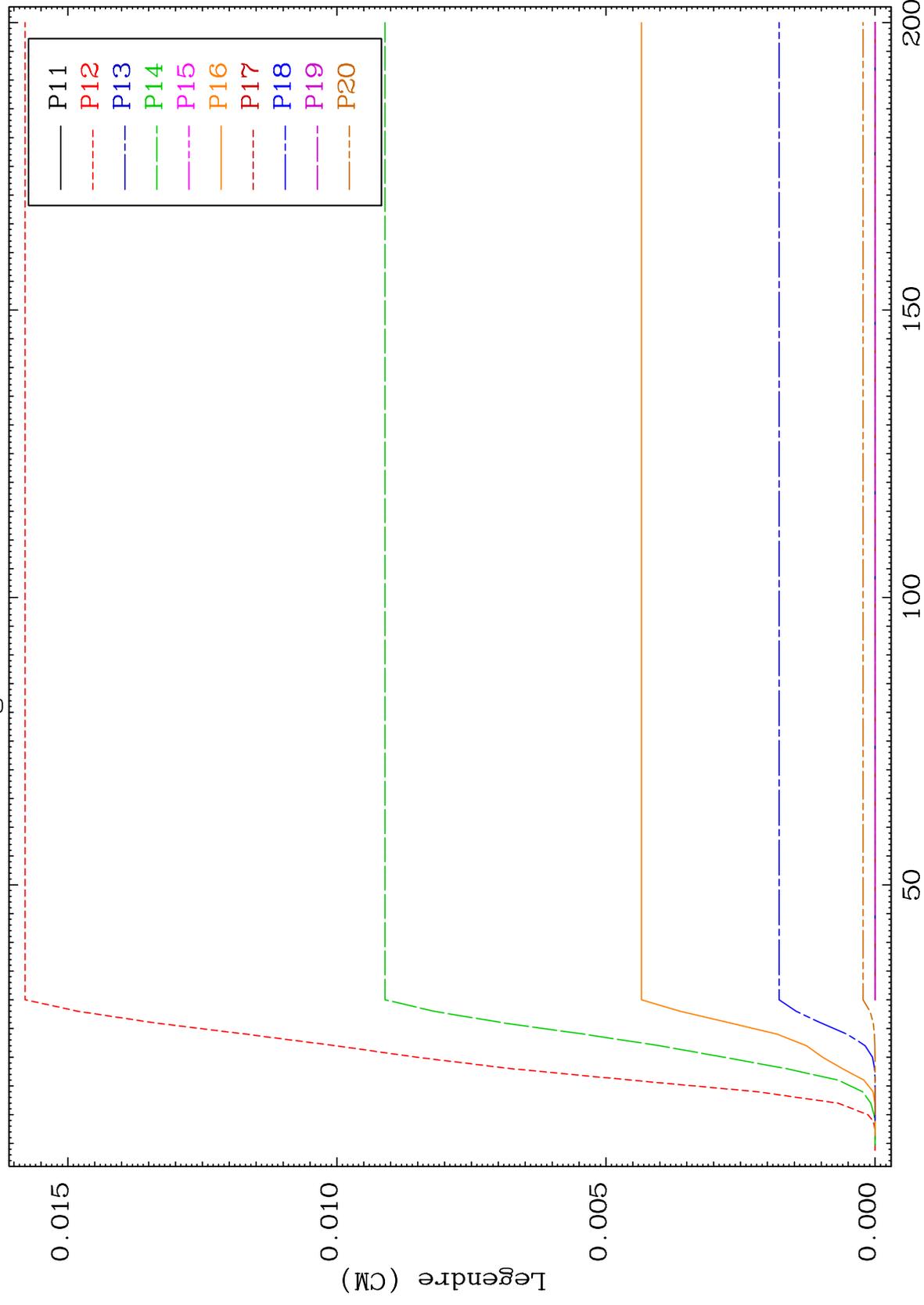




MAT 5873

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

58-Ce-152



110

Incident Energy (MeV)

58-Ce-152

