

Program EVALPLOT
(Version 2018-1)

by

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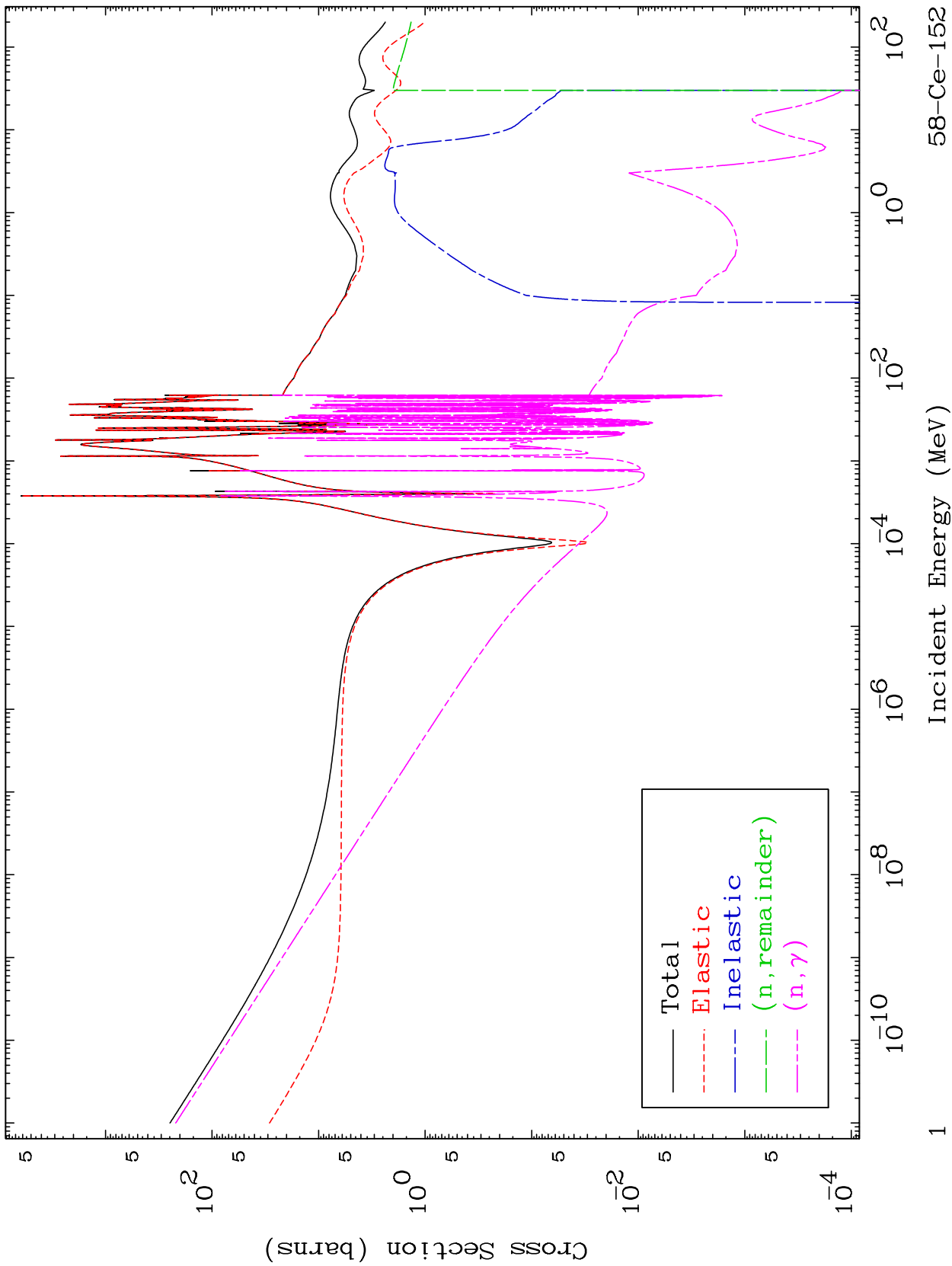
Press Mouse Button to Start

MAT 5873

Major

293 Kelvin Cross Sections

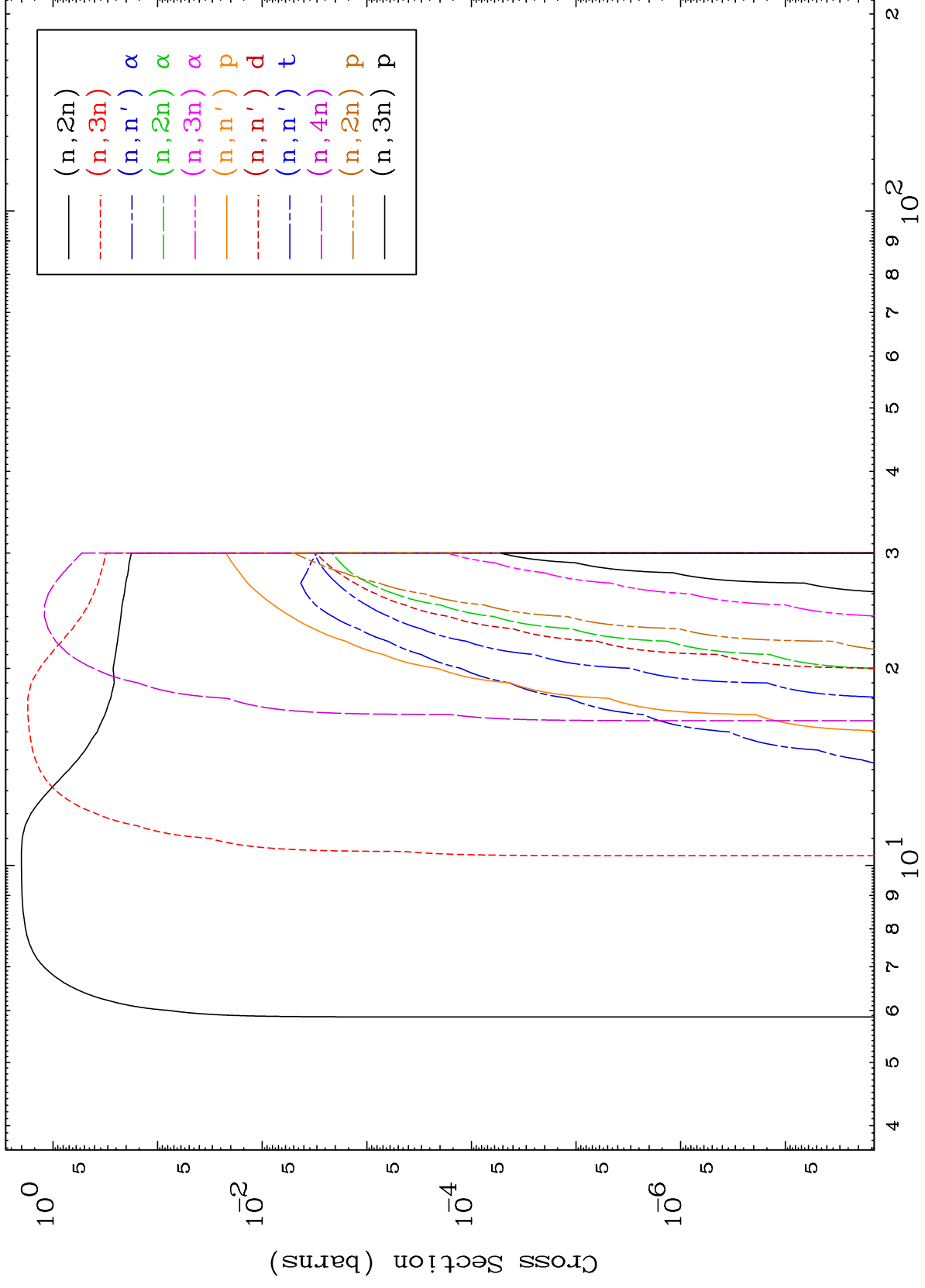
58-Ce-152

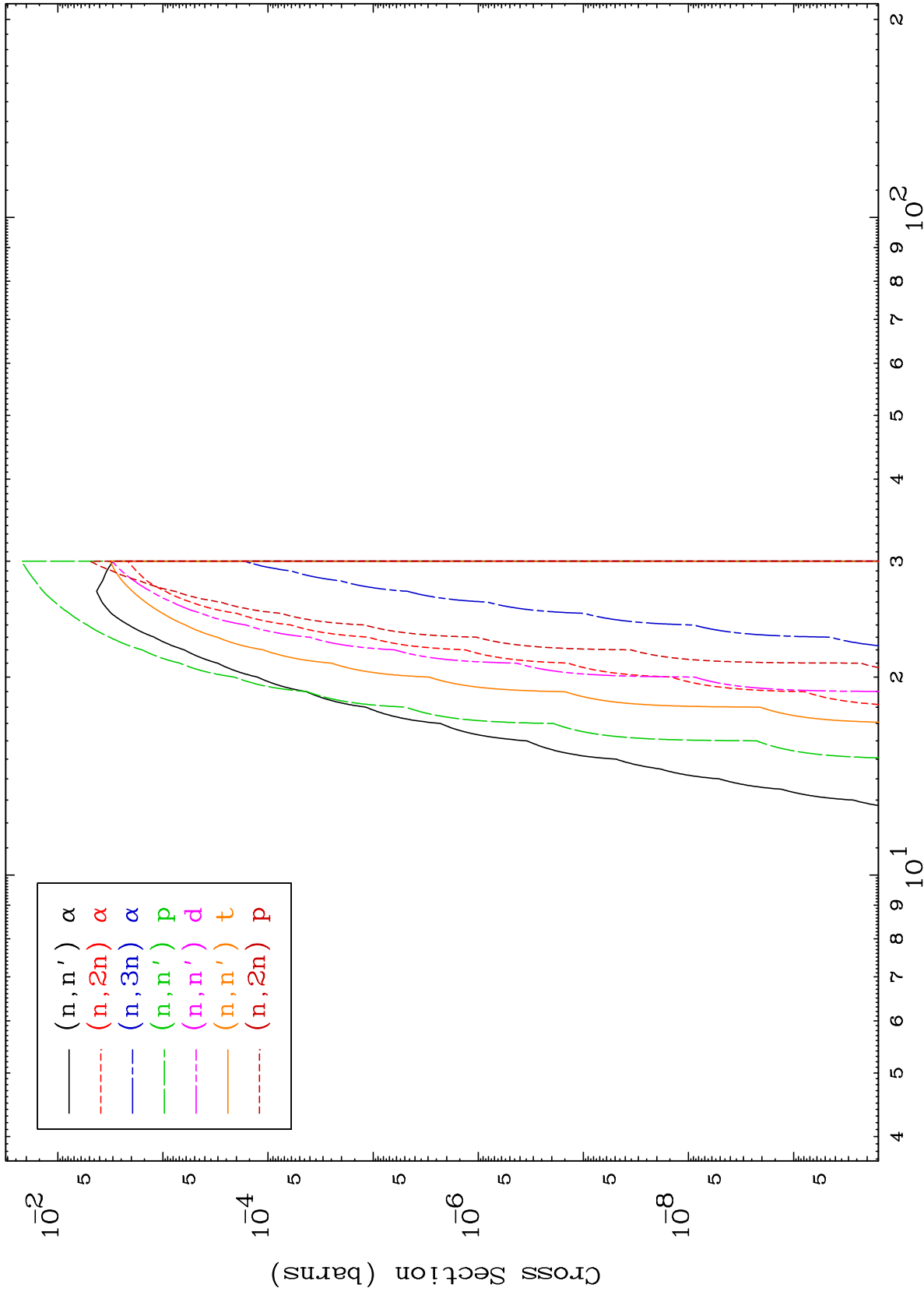


MAT 5873

Neutron Production
293 Kelvin Cross Sections

58-Ce-152

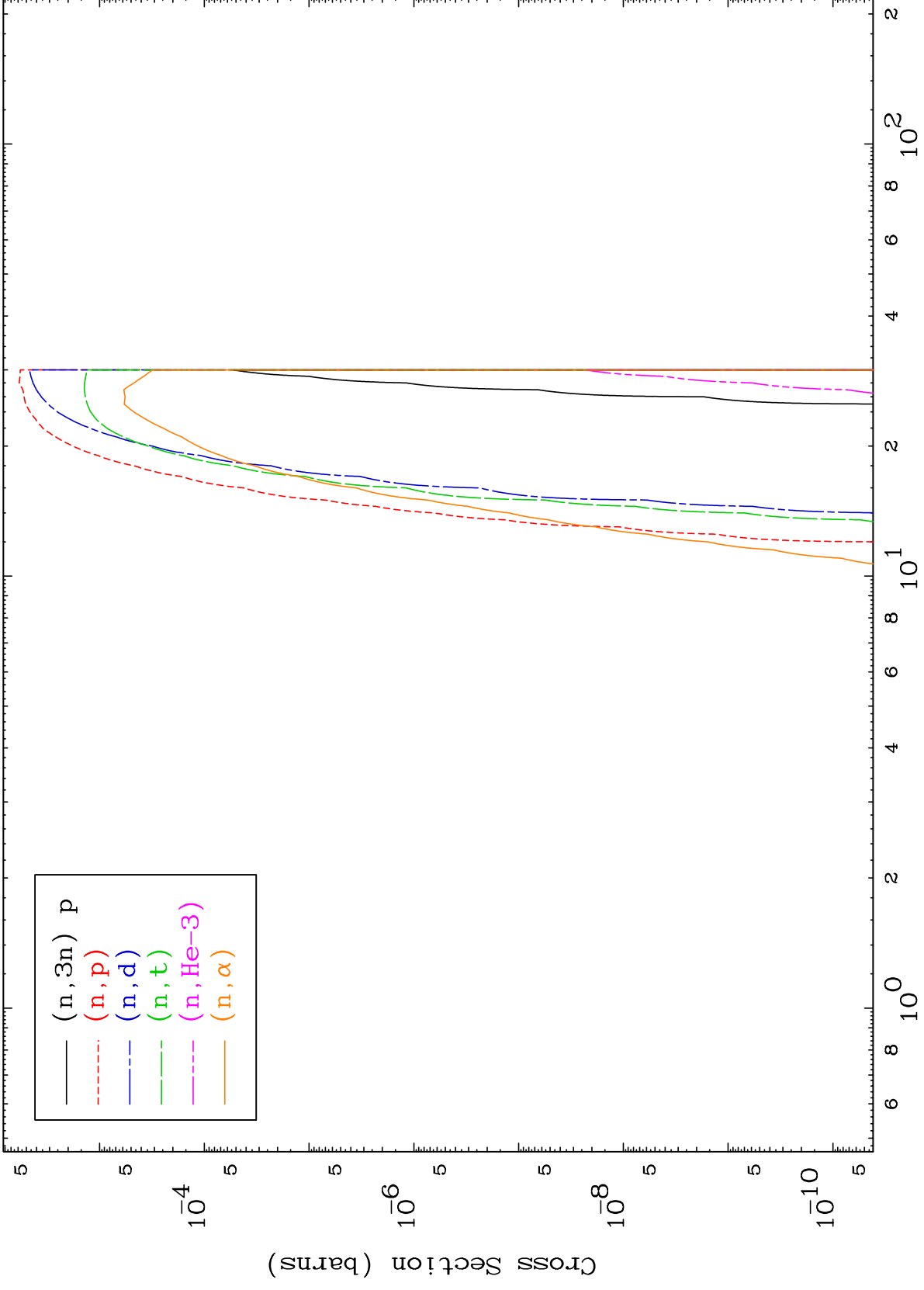




MAT 5873

Charged Particle
293 Kelvin Cross Sections

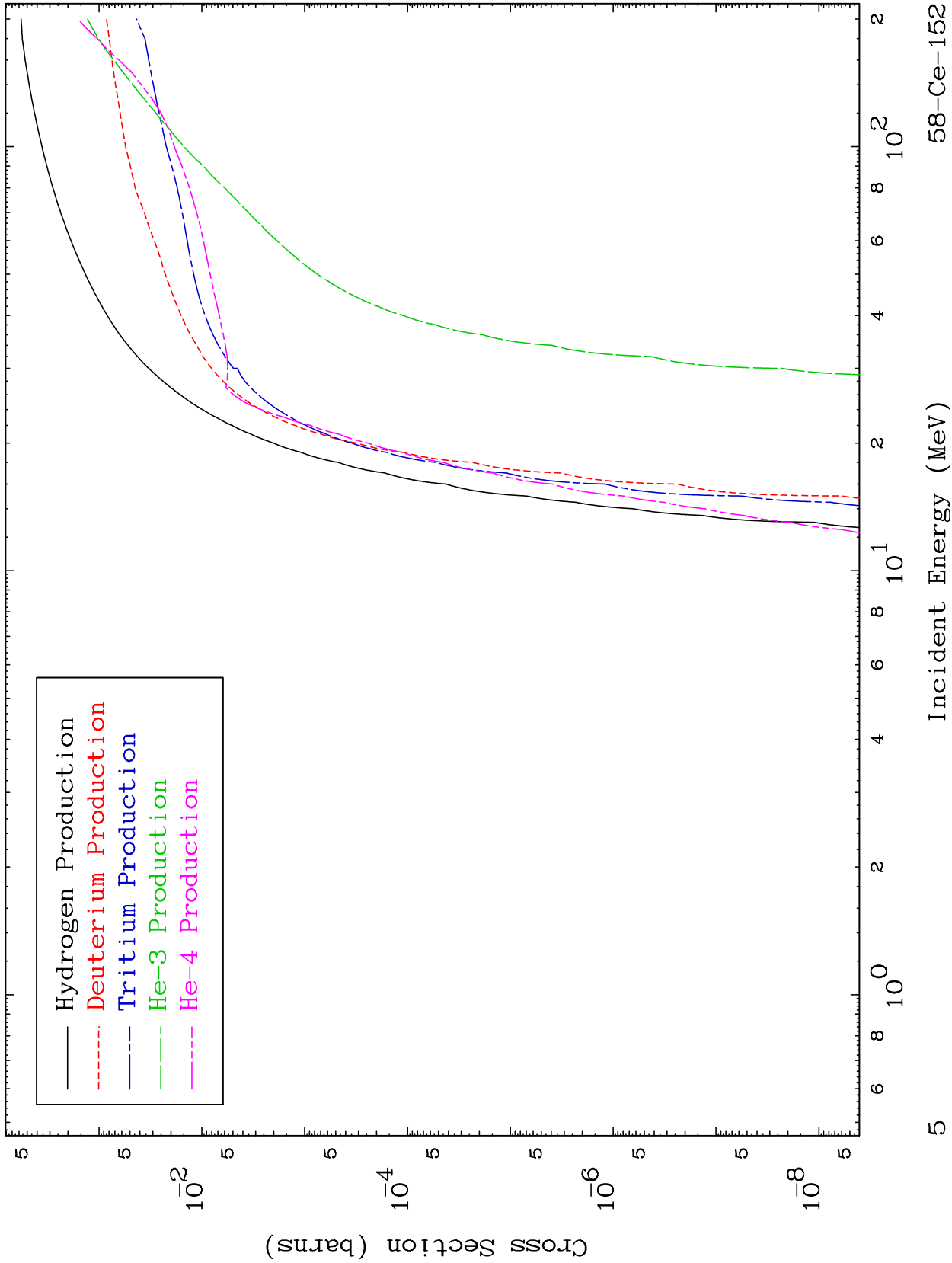
58-Ce-152



MAT 5873

Particle Production
293 Kelvin Cross Sections

58-Ce-152



5

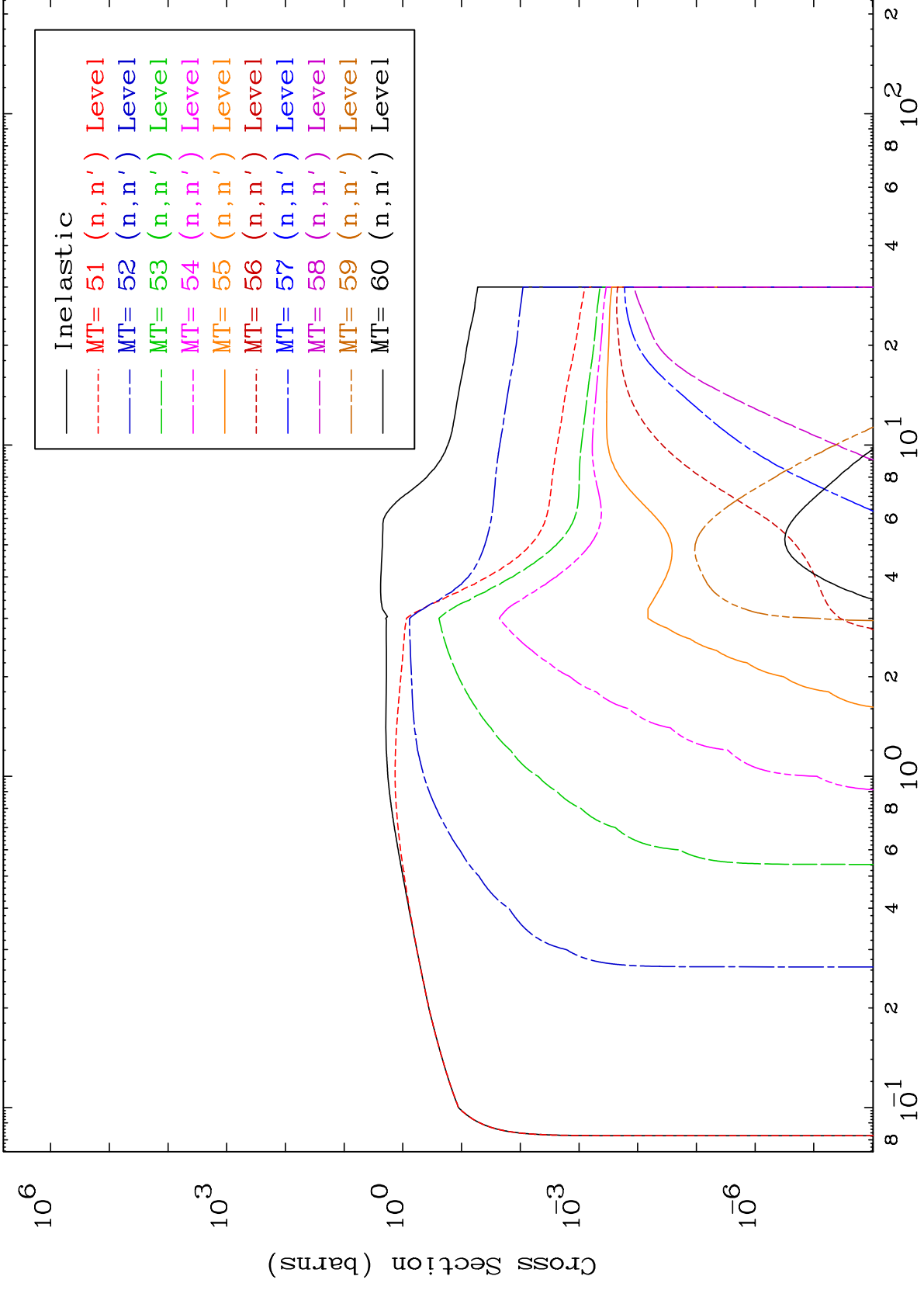
58-Ce-152

MAT 5873

(n,n') Level

58-Ce-152

293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-152

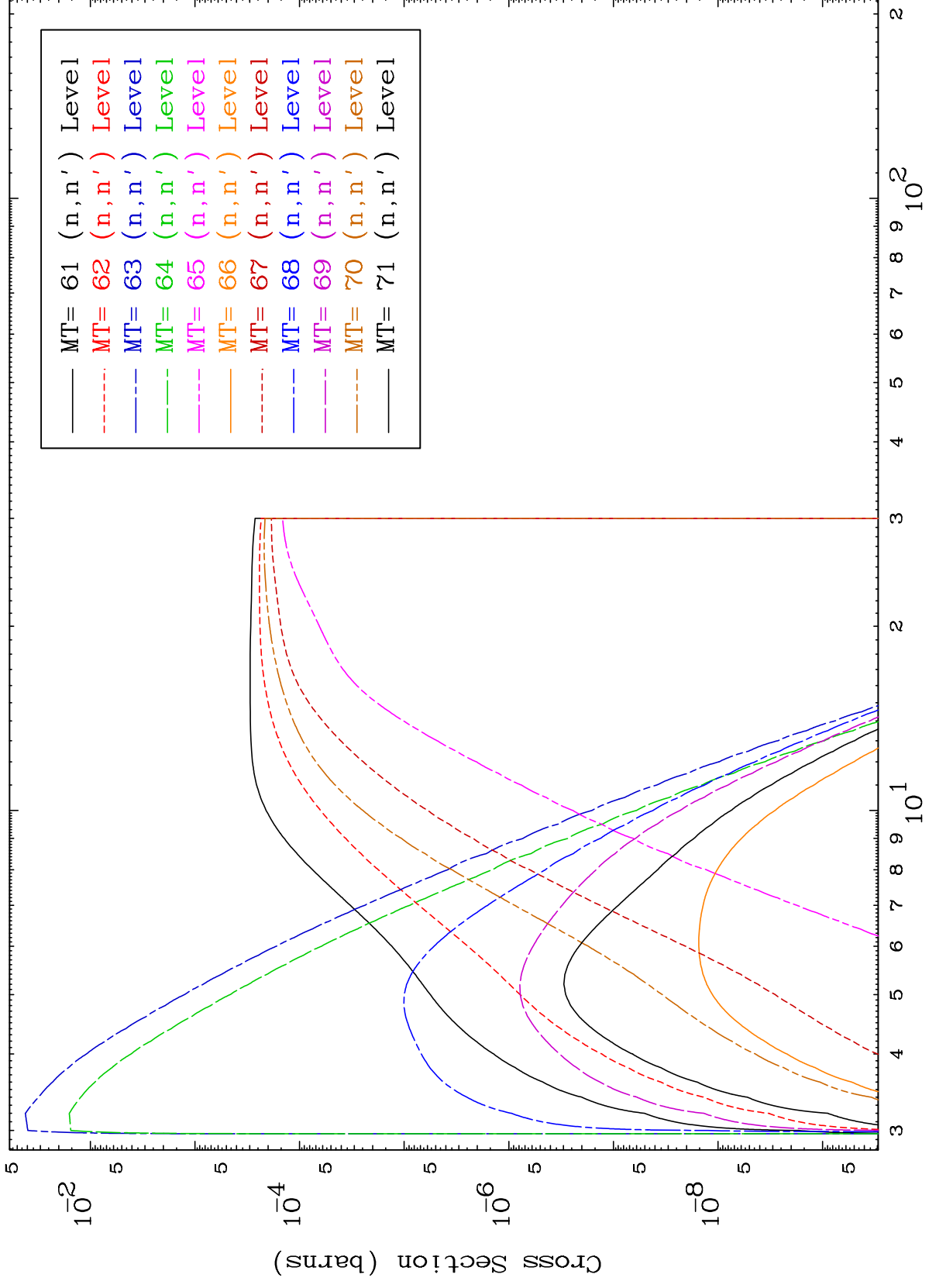
6

MAT 5873

(n,n') Level

58-Ce-152

293 Kelvin Cross Sections

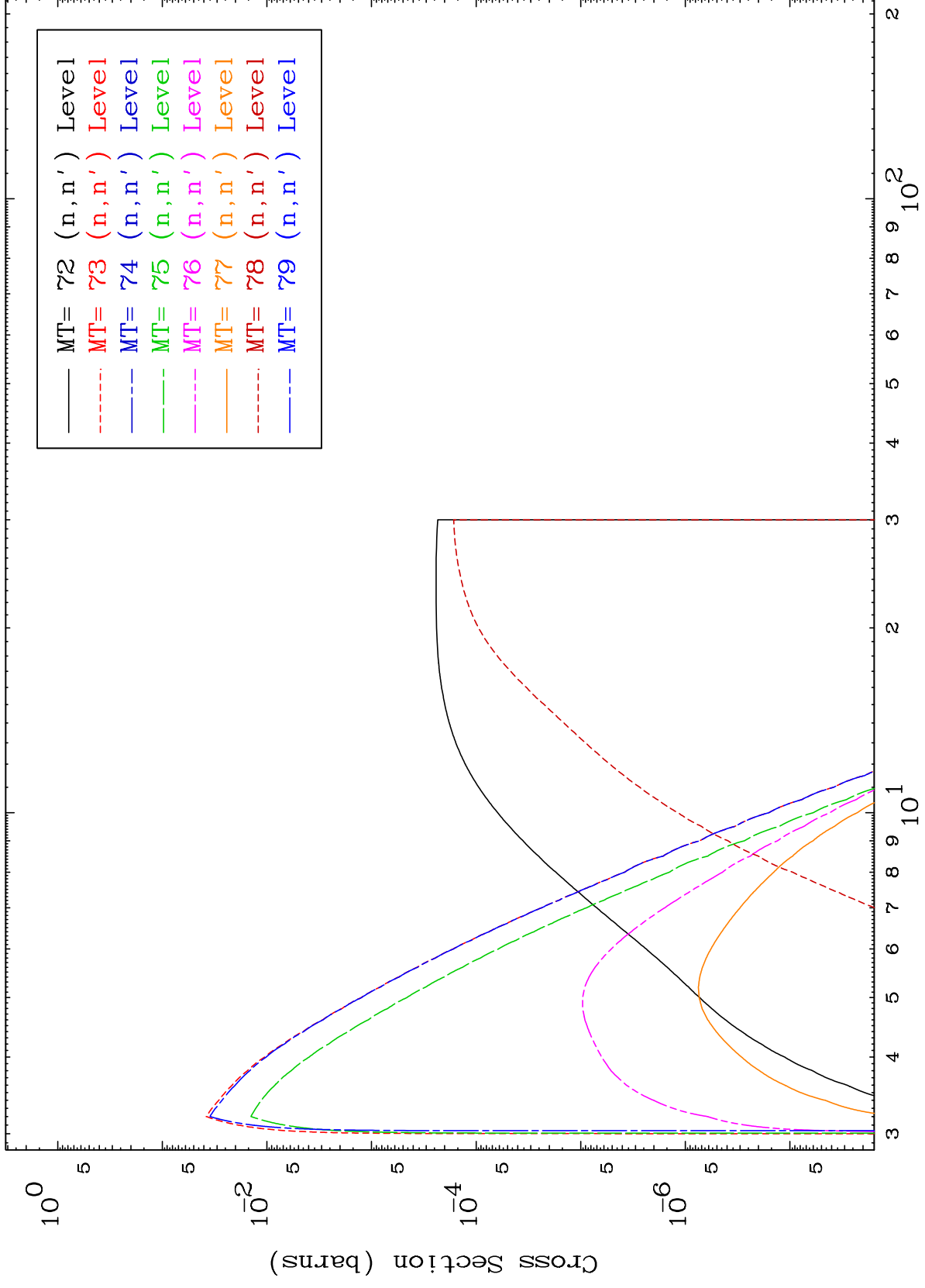


Incident Energy (MeV)

58-Ce-152

7

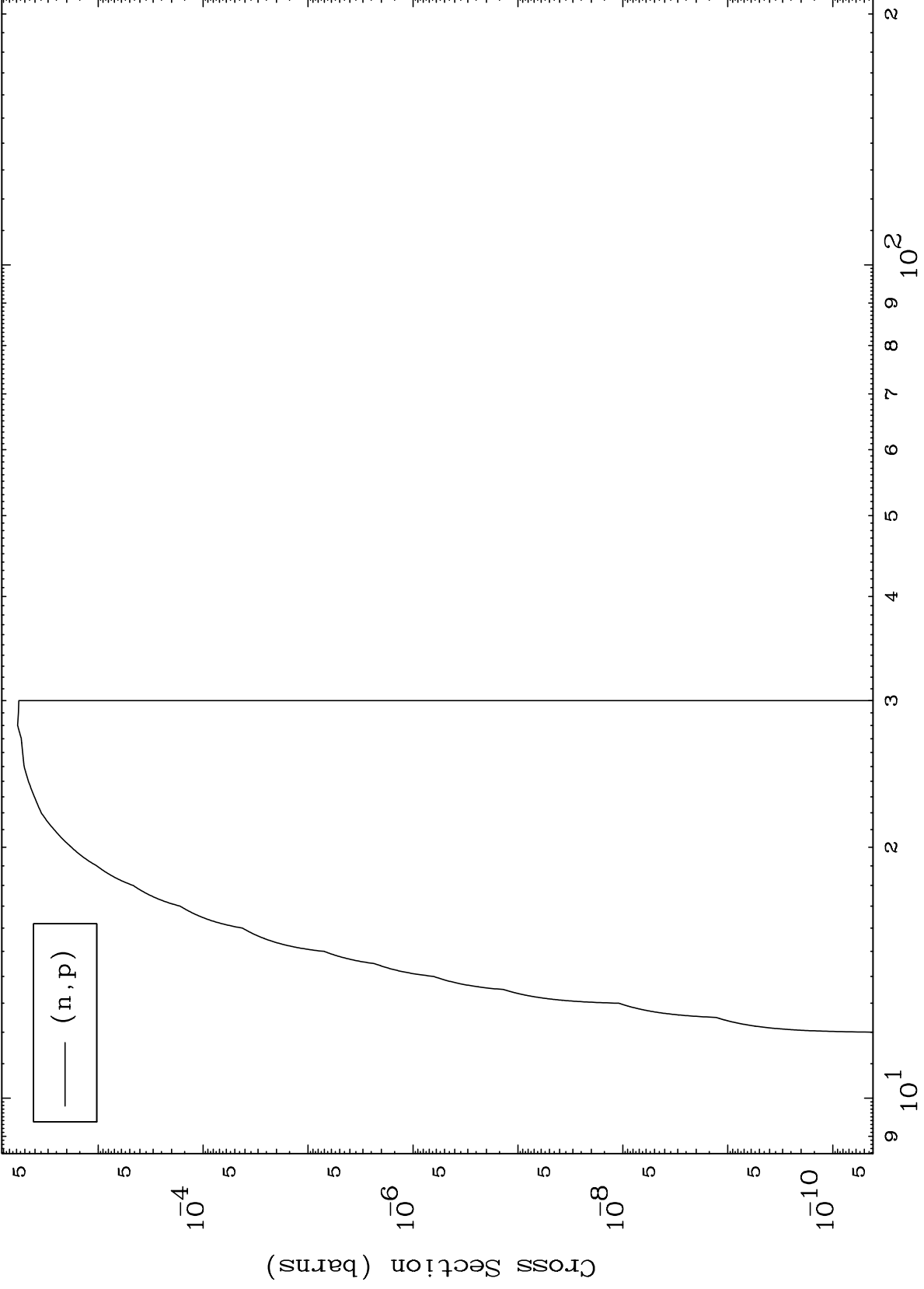
293 Kelvin Cross Sections



MAT 5873

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-152



9

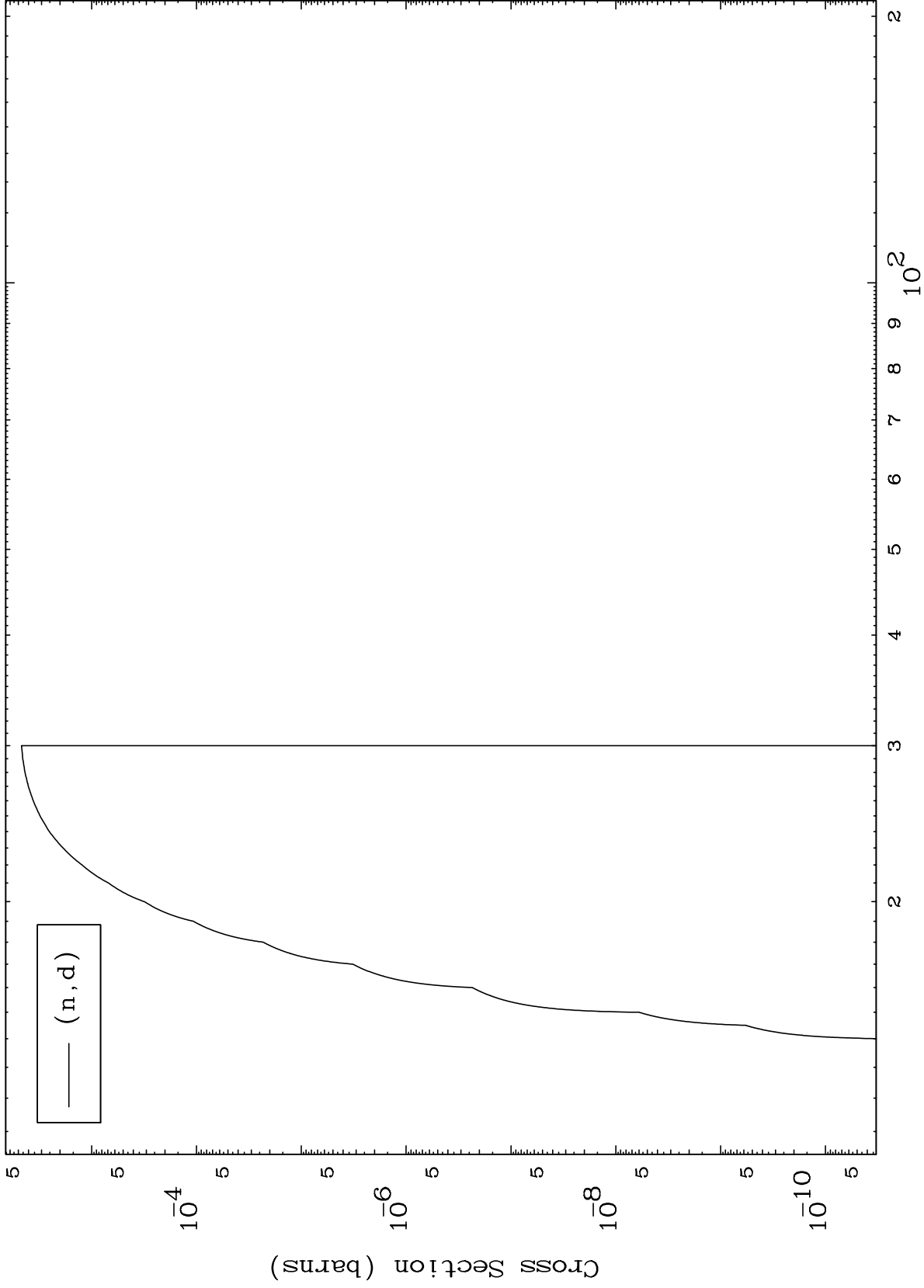
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-152



10

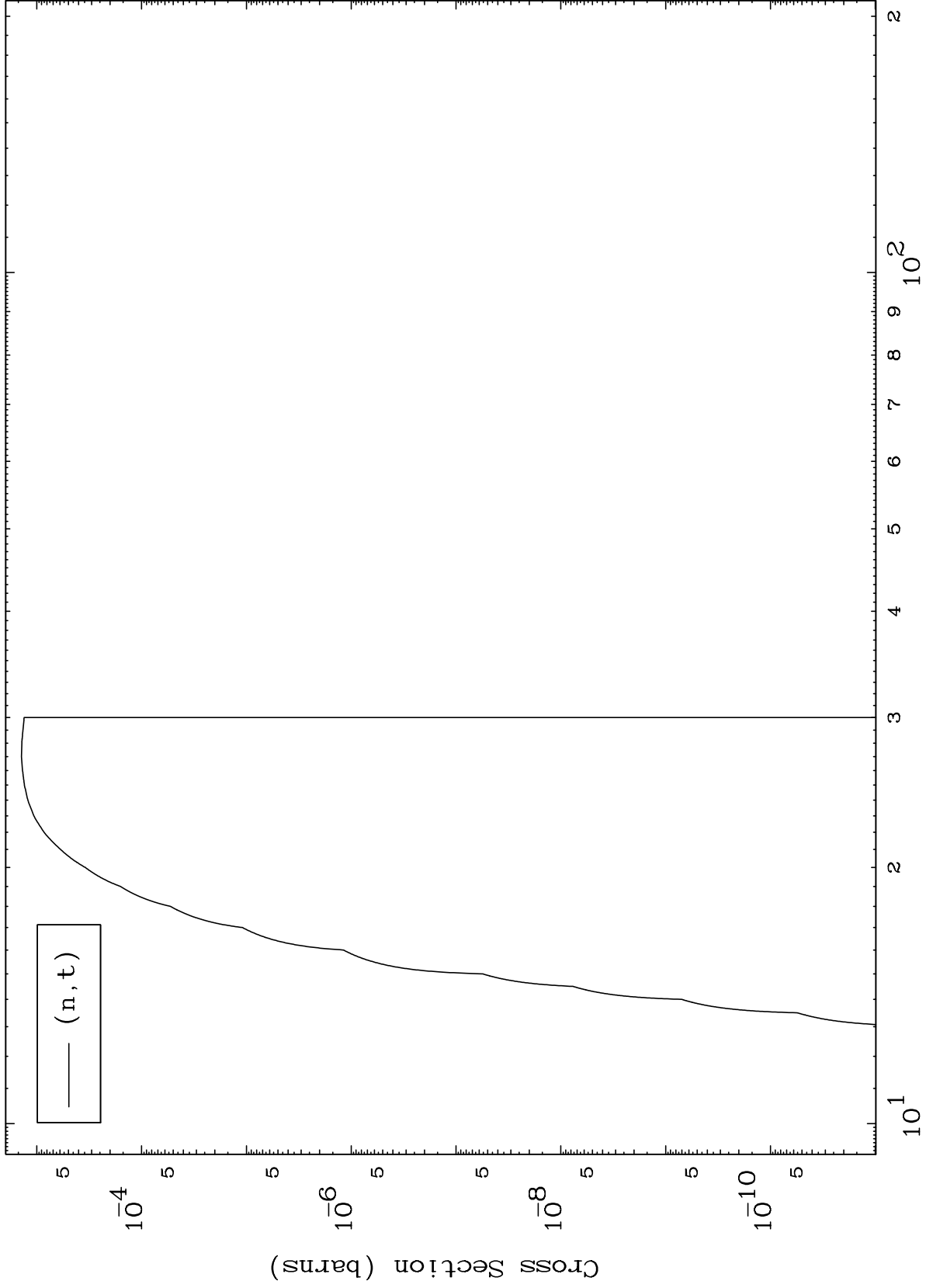
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-152



11

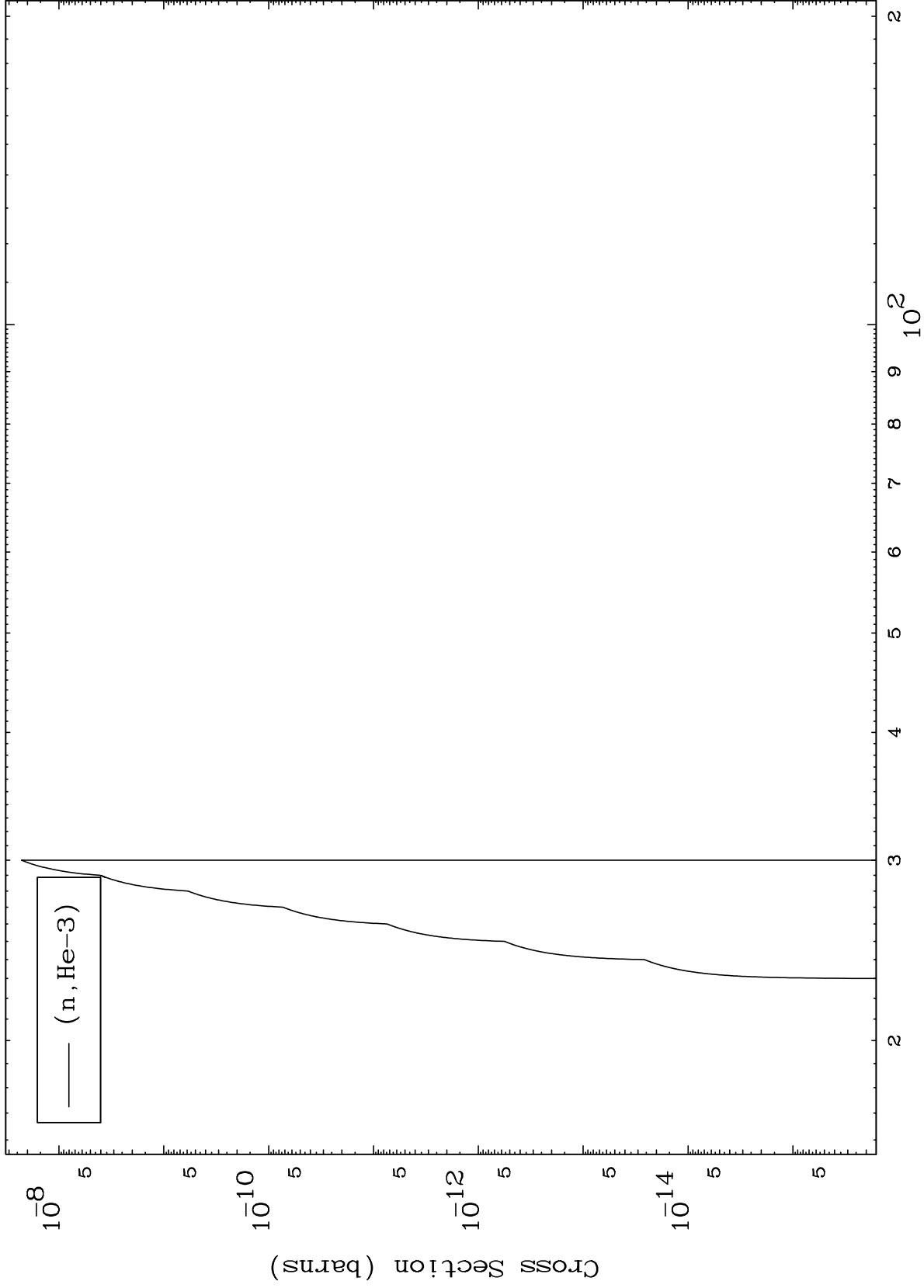
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-152



12

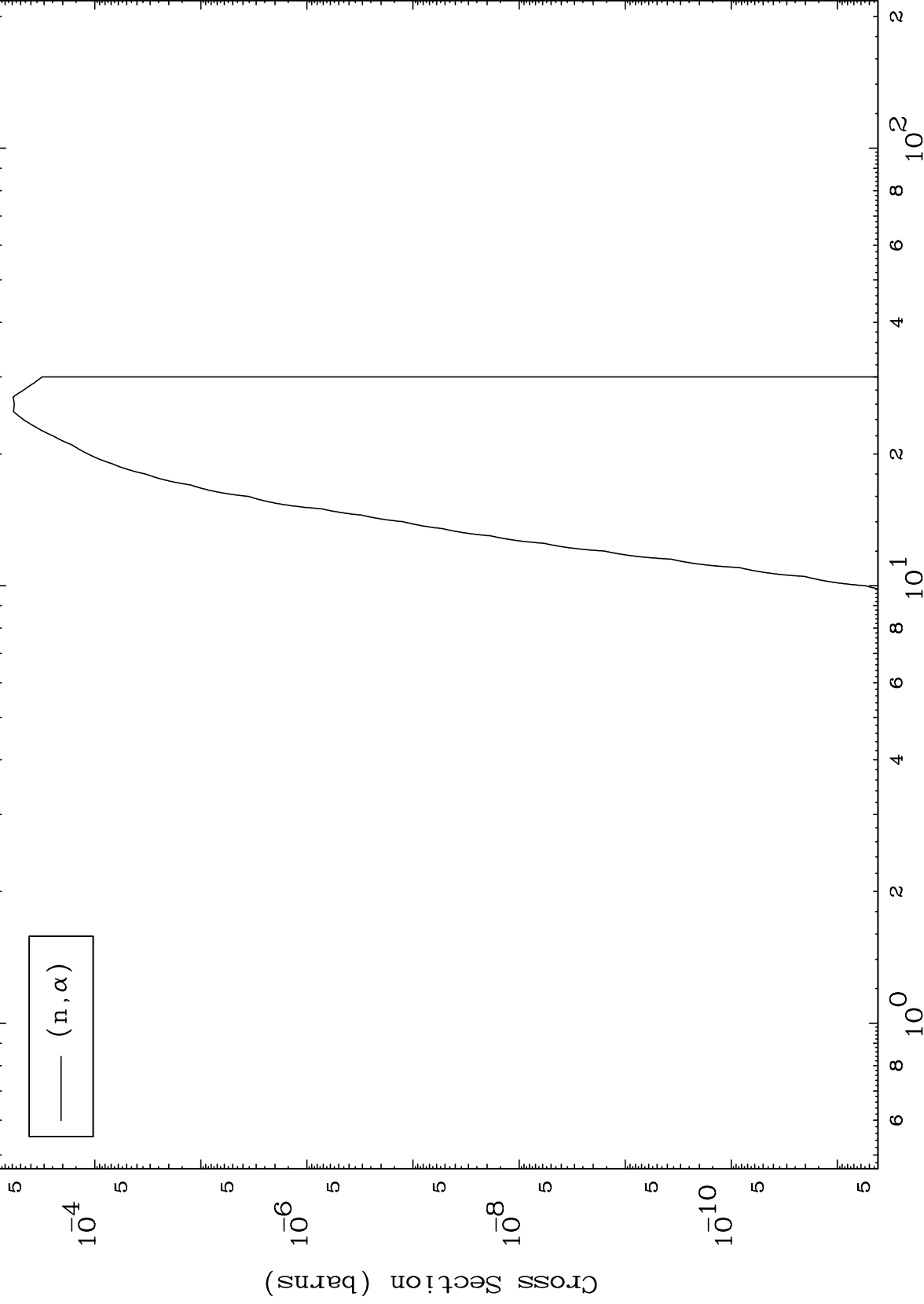
Incident Energy (MeV)

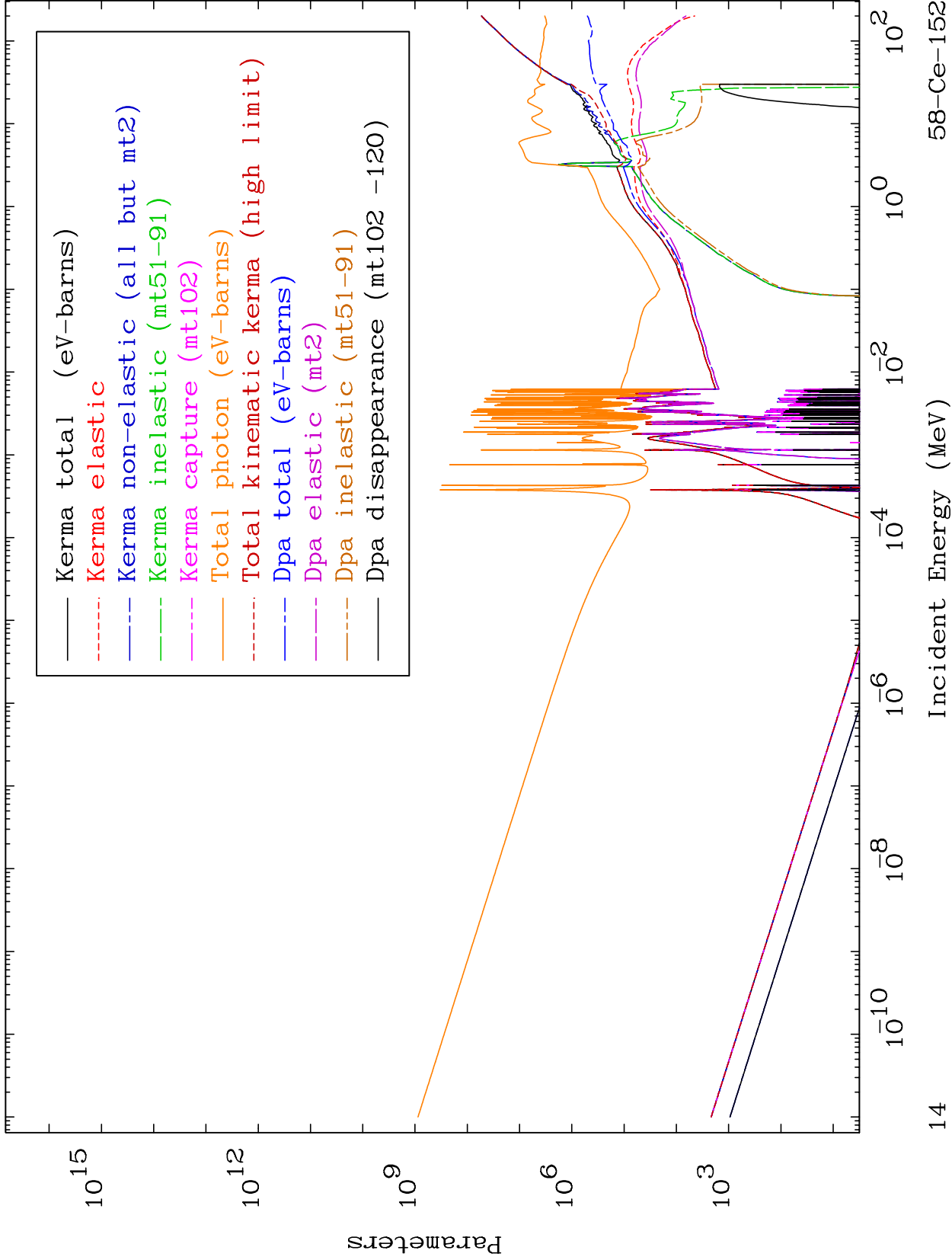
58-Ce-152

MAT 5873

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-152

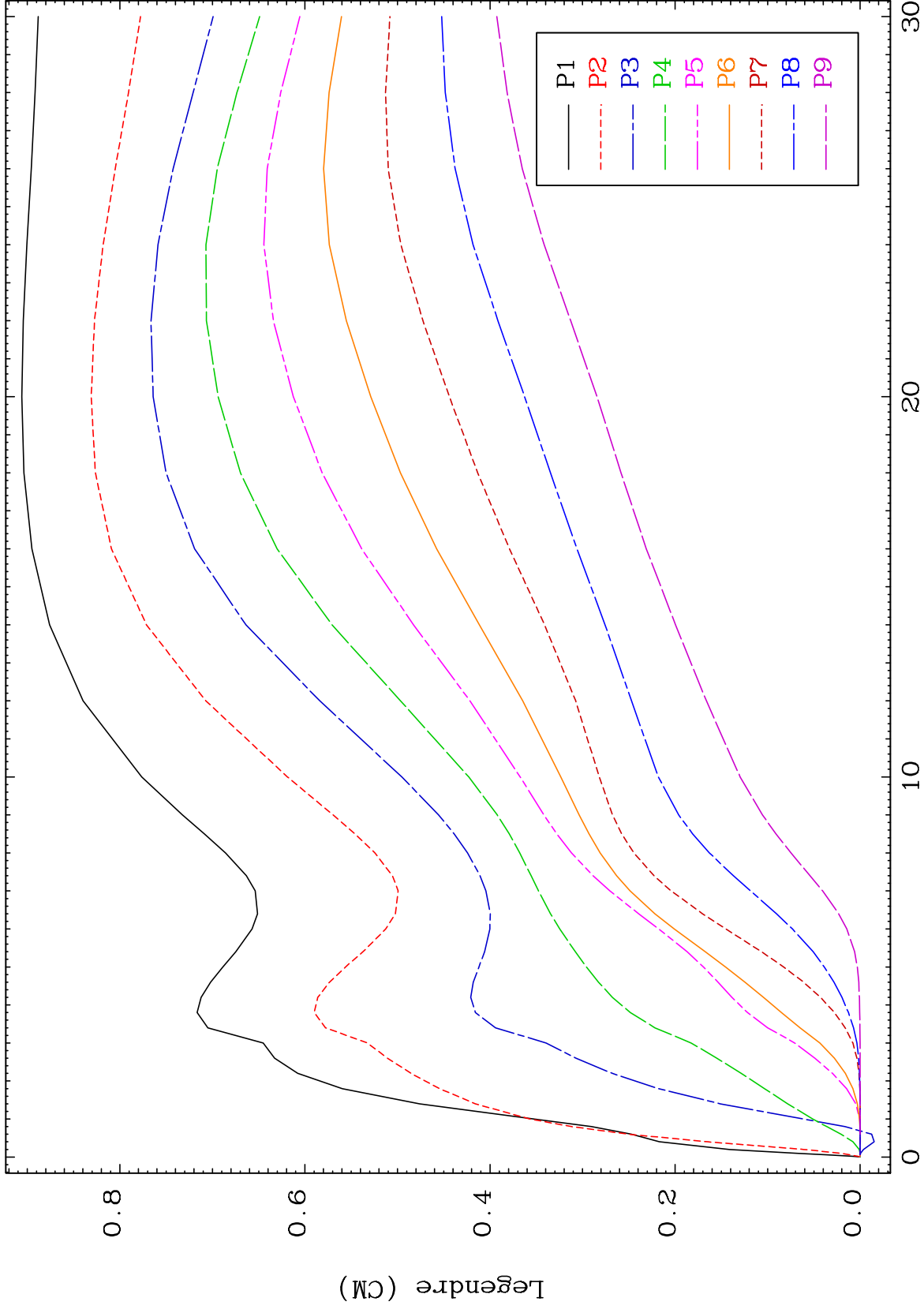




MAT 5873

Elastic Legendre Coefficients

58-Ce-152



0

15

Incident Energy (MeV)

10

20

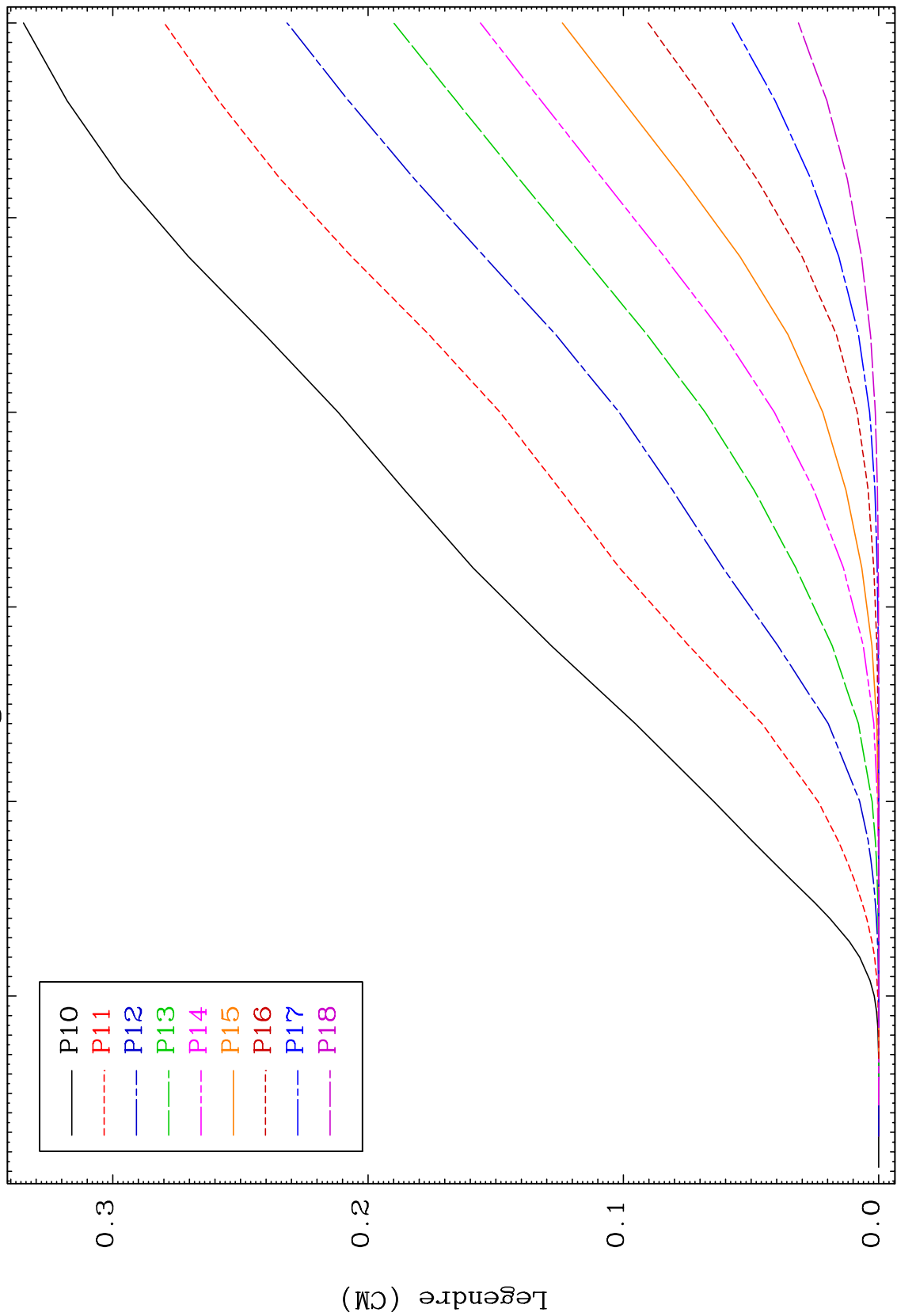
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58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



16

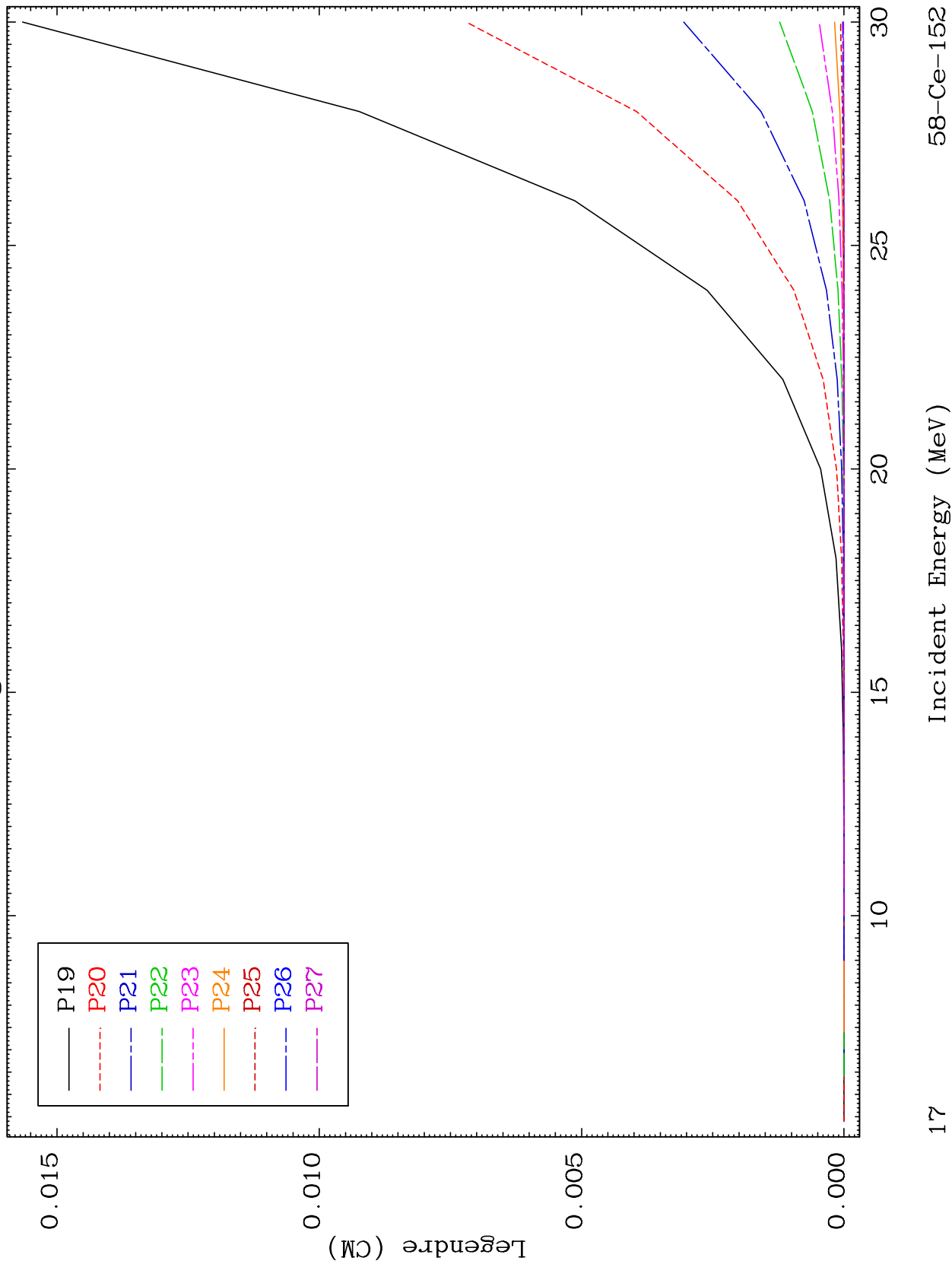
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



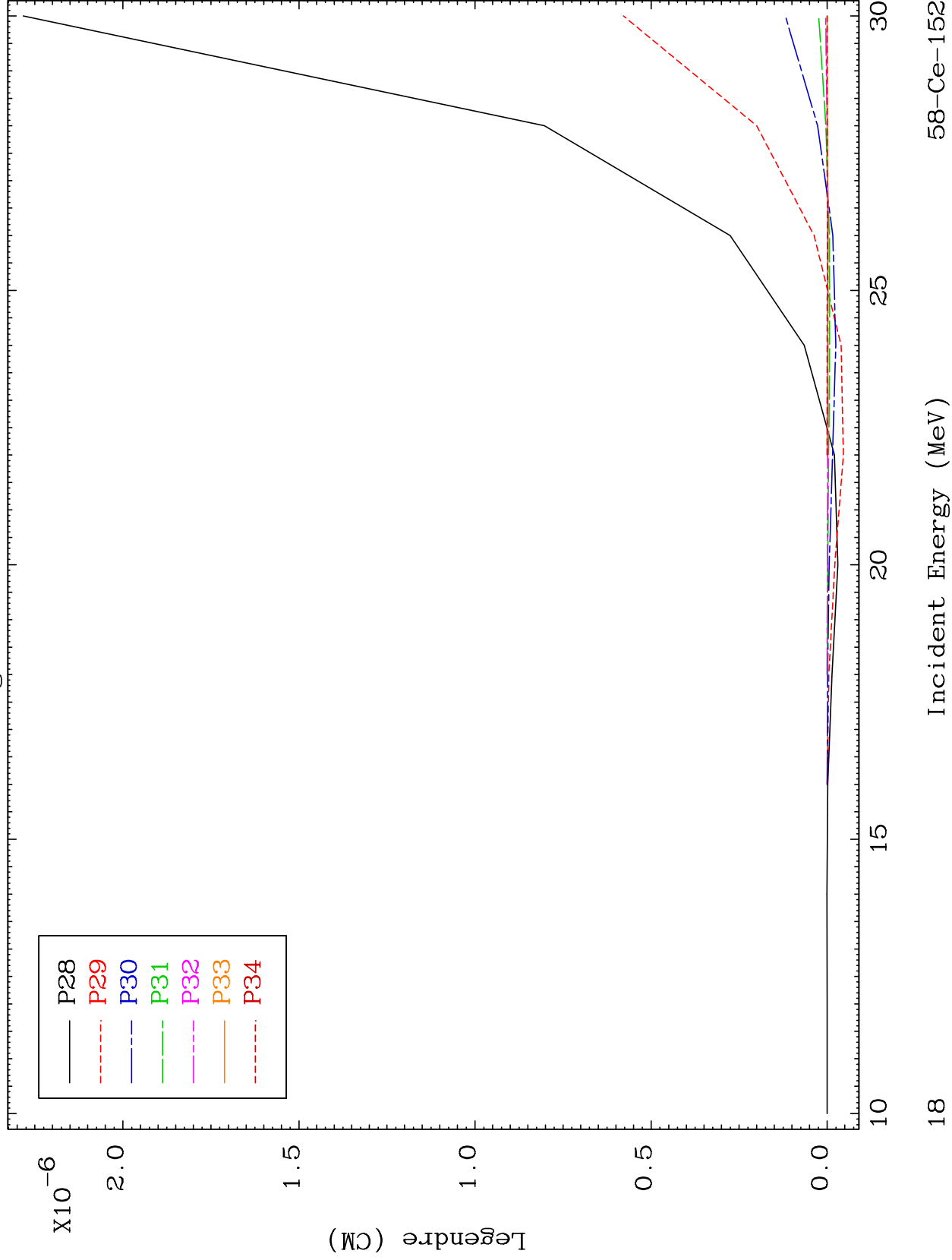
17

58-Ce-152

MAT 5873

Elastic
Legendre Coefficients

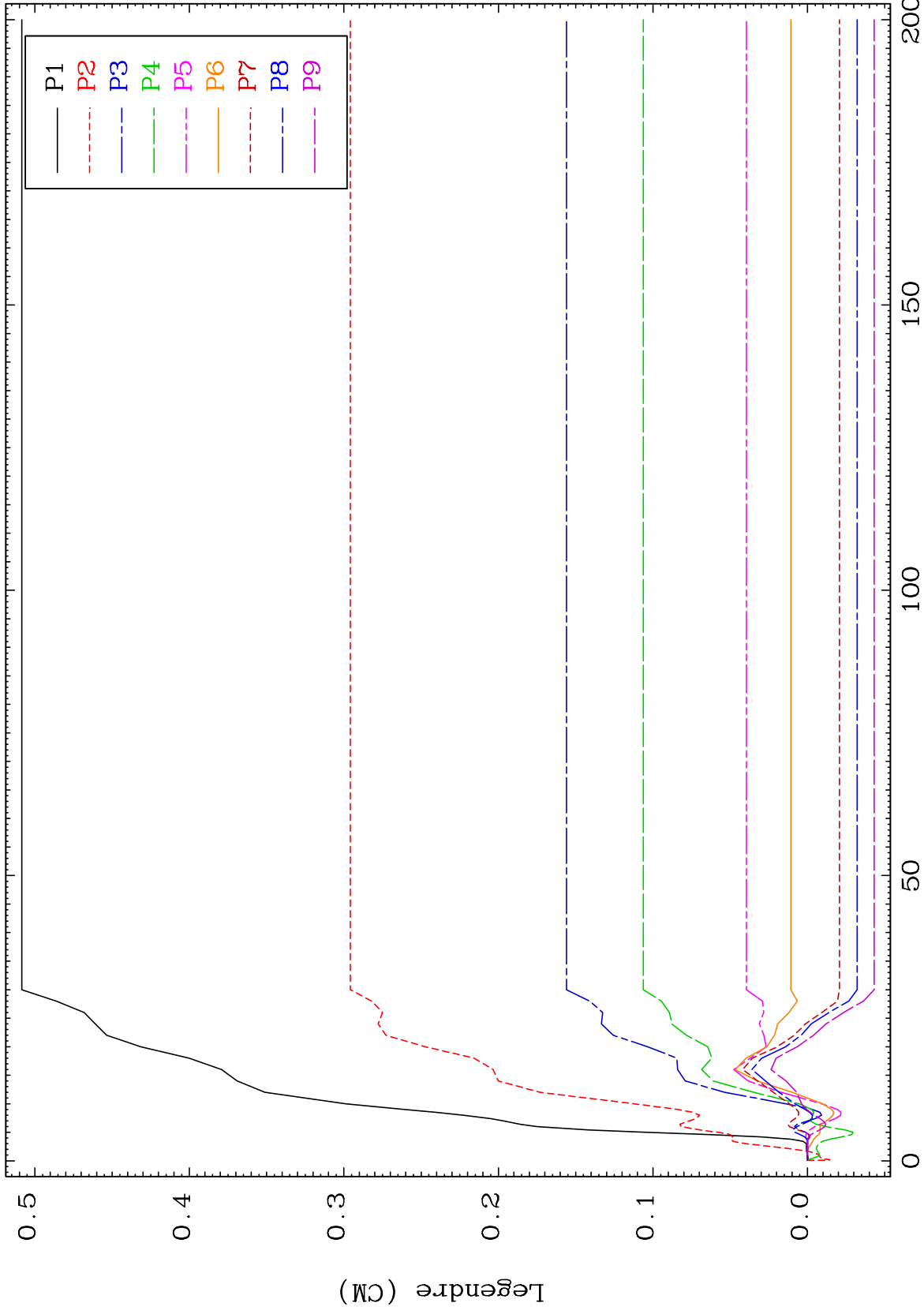
58-Ce-152



MAT 5873

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

58-Ce-152



19

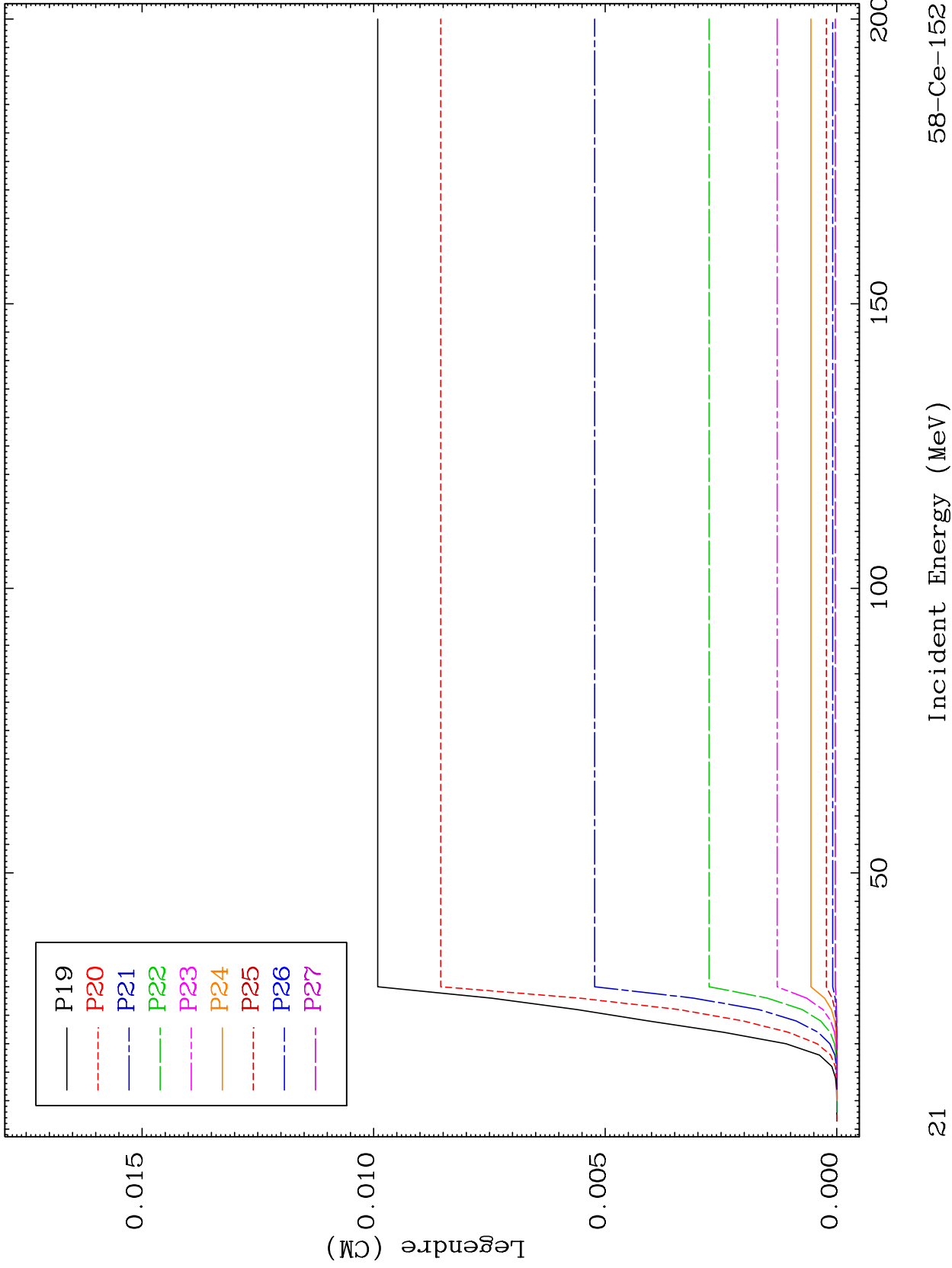
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

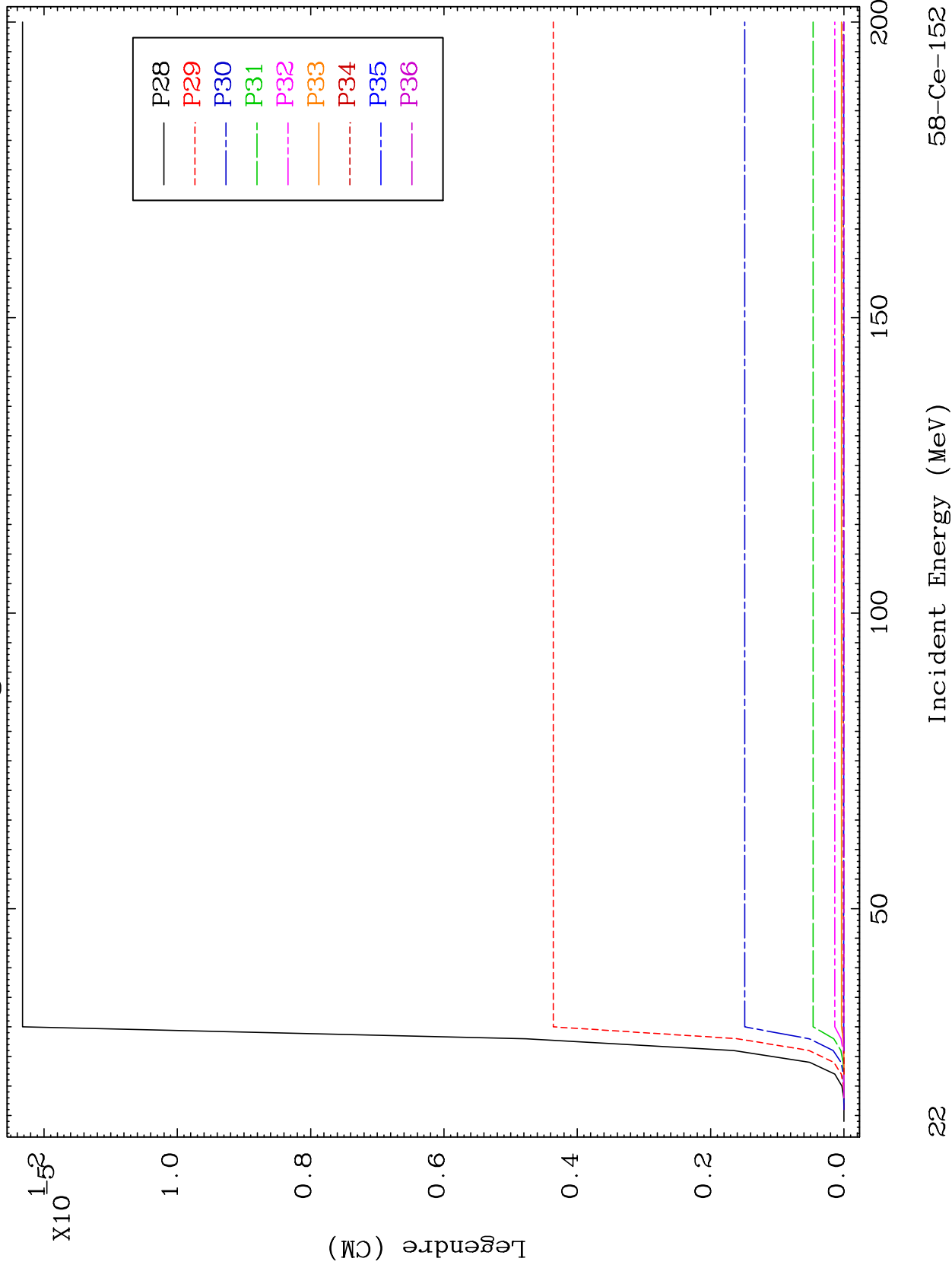
58-Ce-152



MAT 5873

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

58-Ce-152

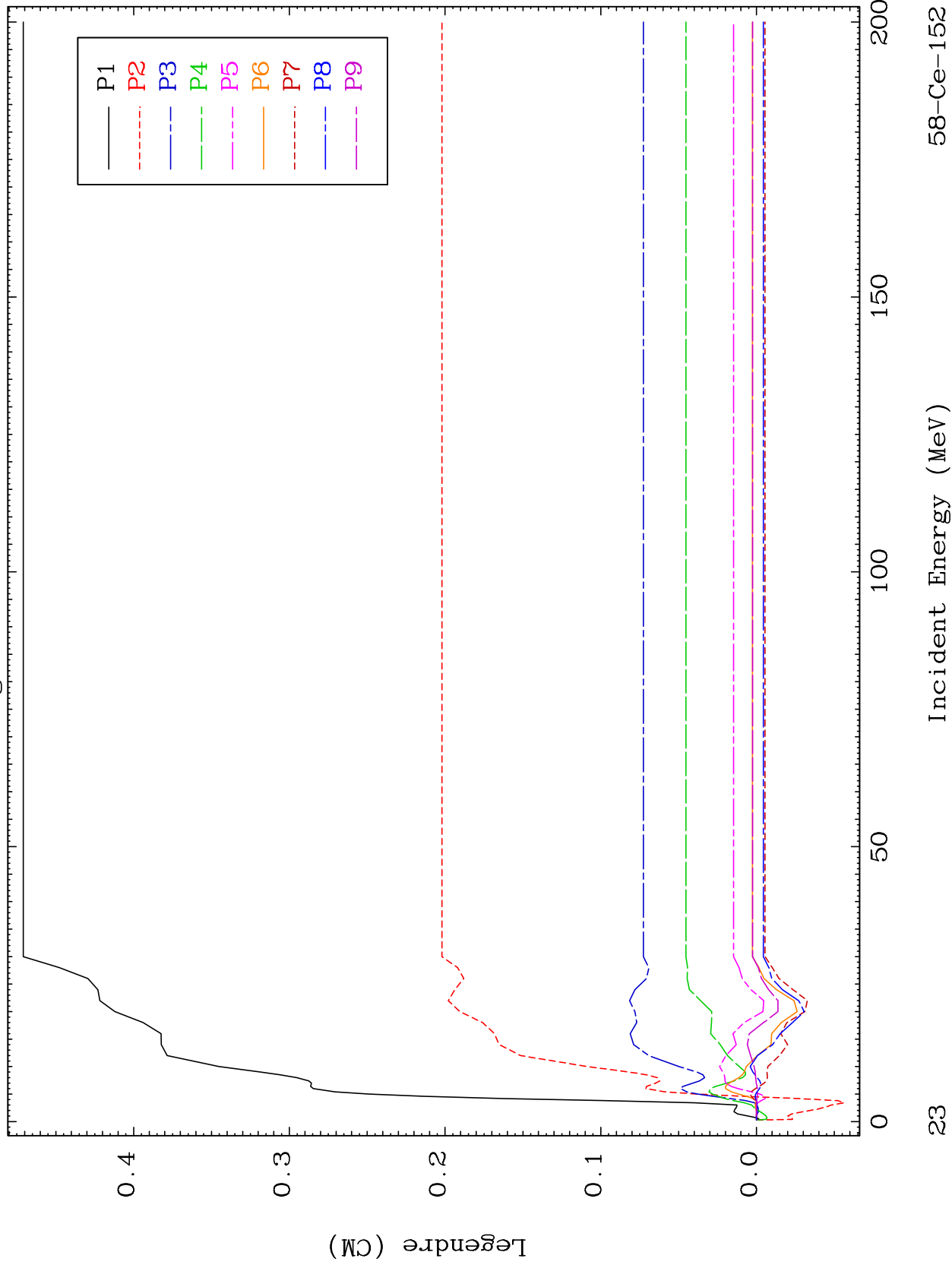


22

MAT 5873

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

58-Ce-152



58-Ce-152

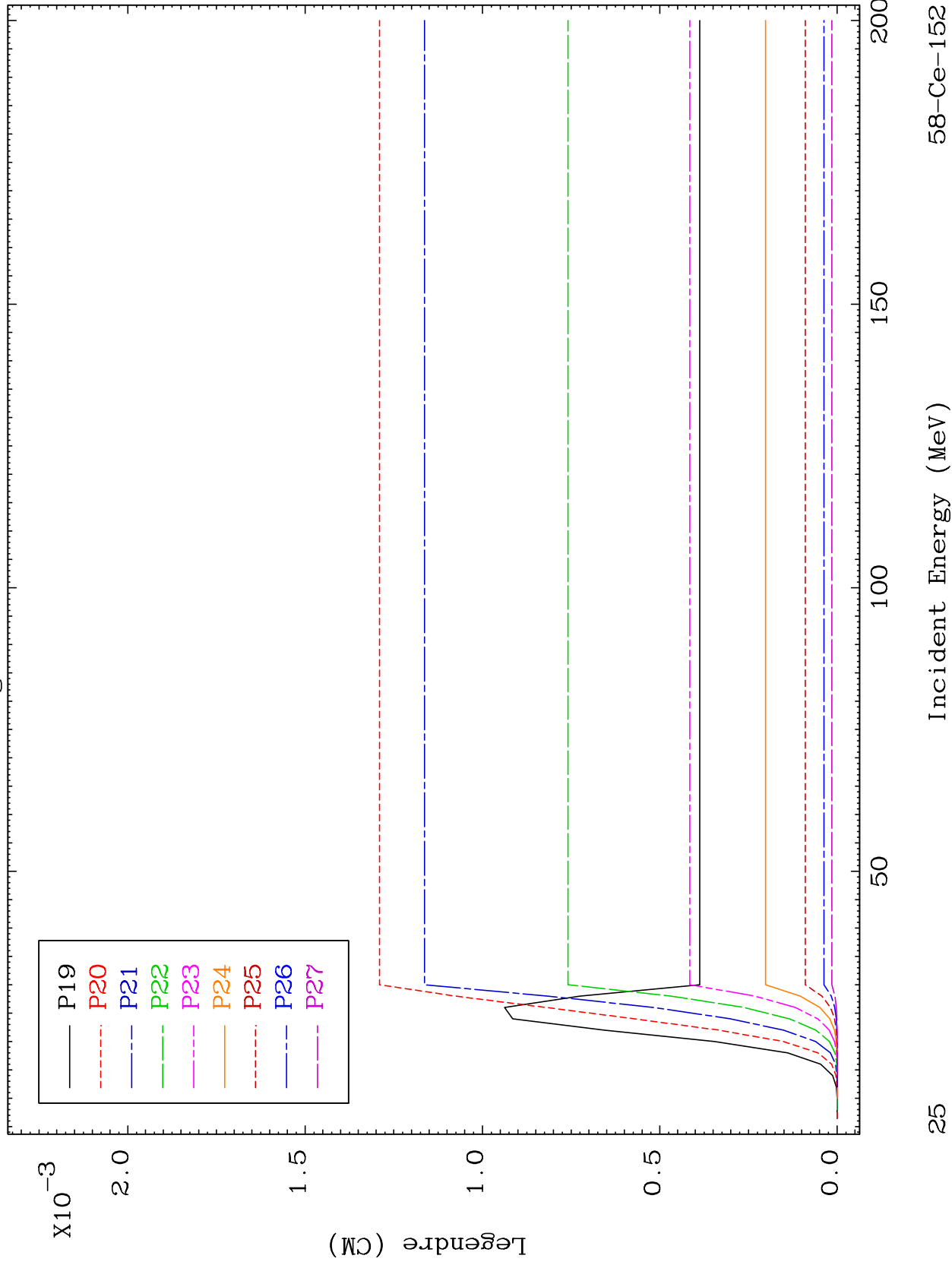
Incident Energy (MeV)

23

MAT 5873

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

58-Ce-152



25

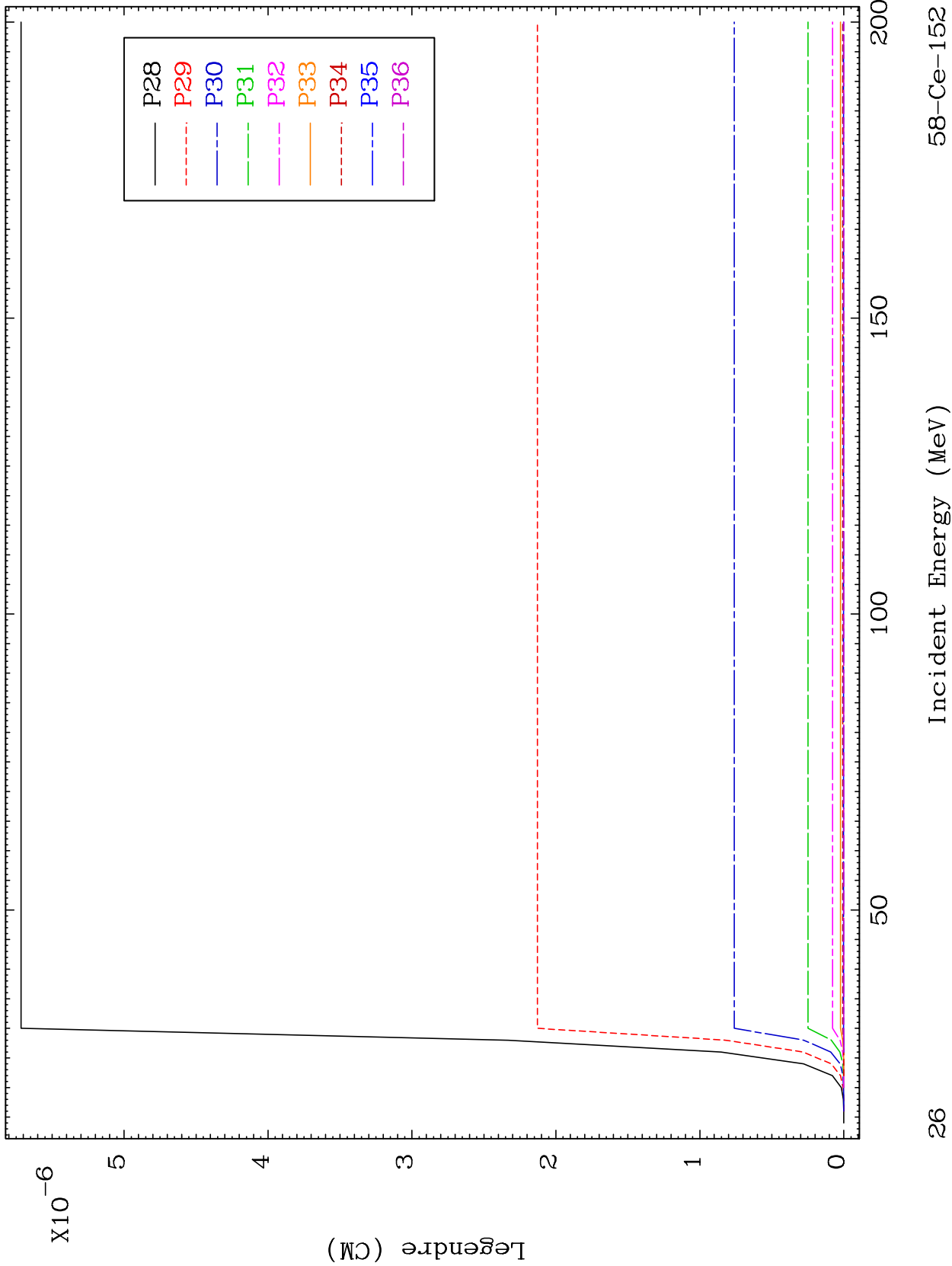
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



26

Incident Energy (MeV)

58-Ce-152

200

150

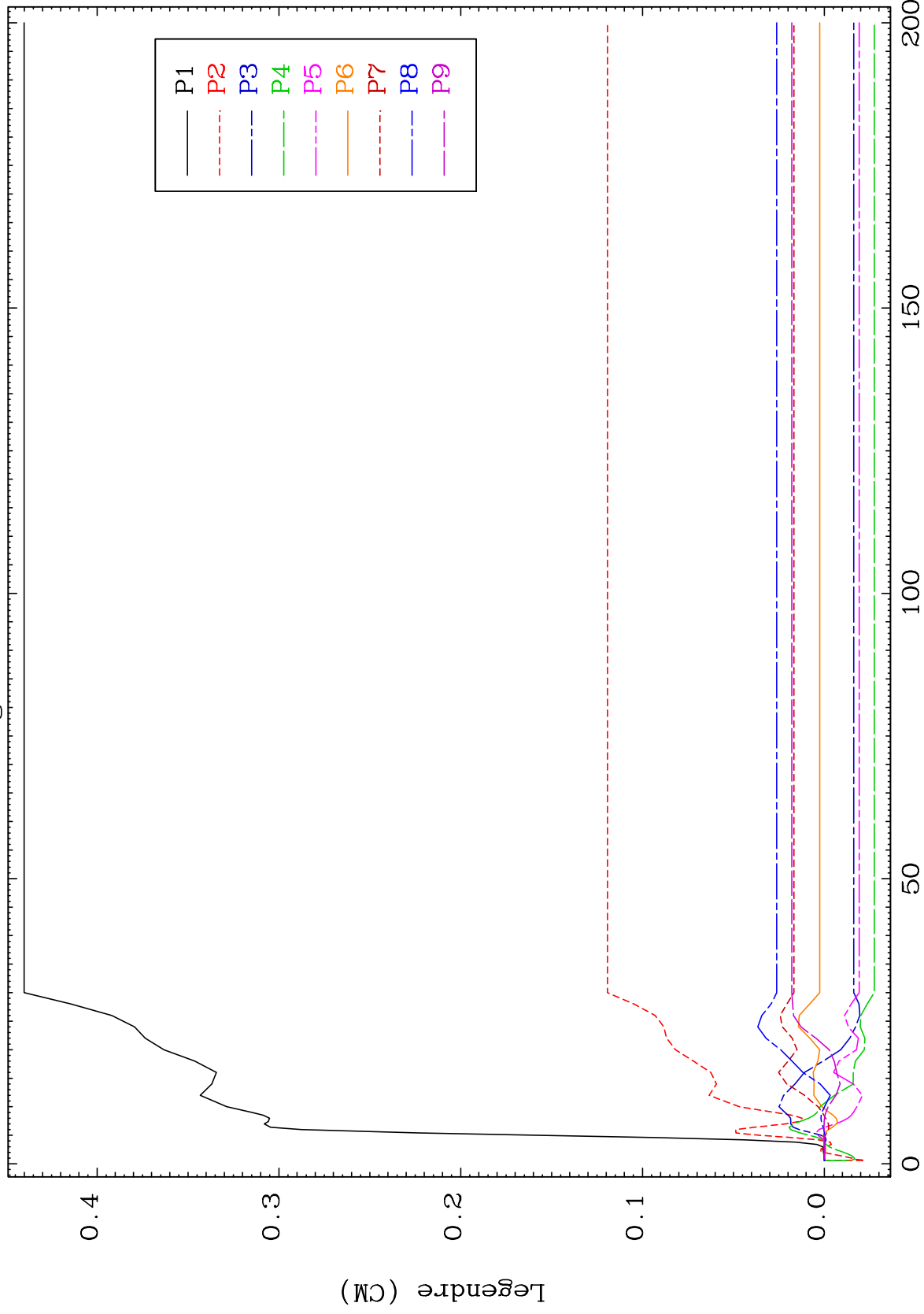
100

50

MAT 5873

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

58-Ce-152



27

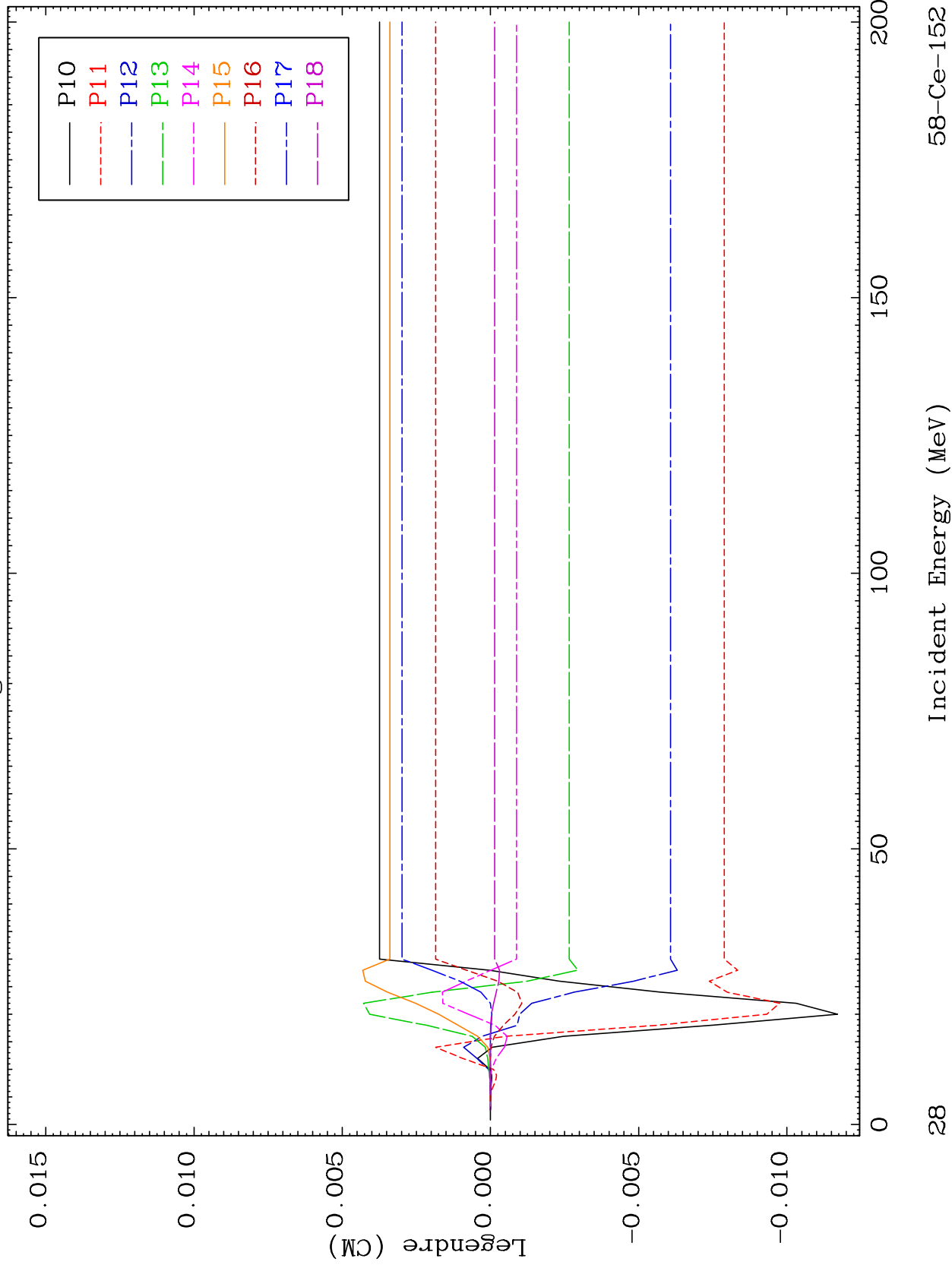
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

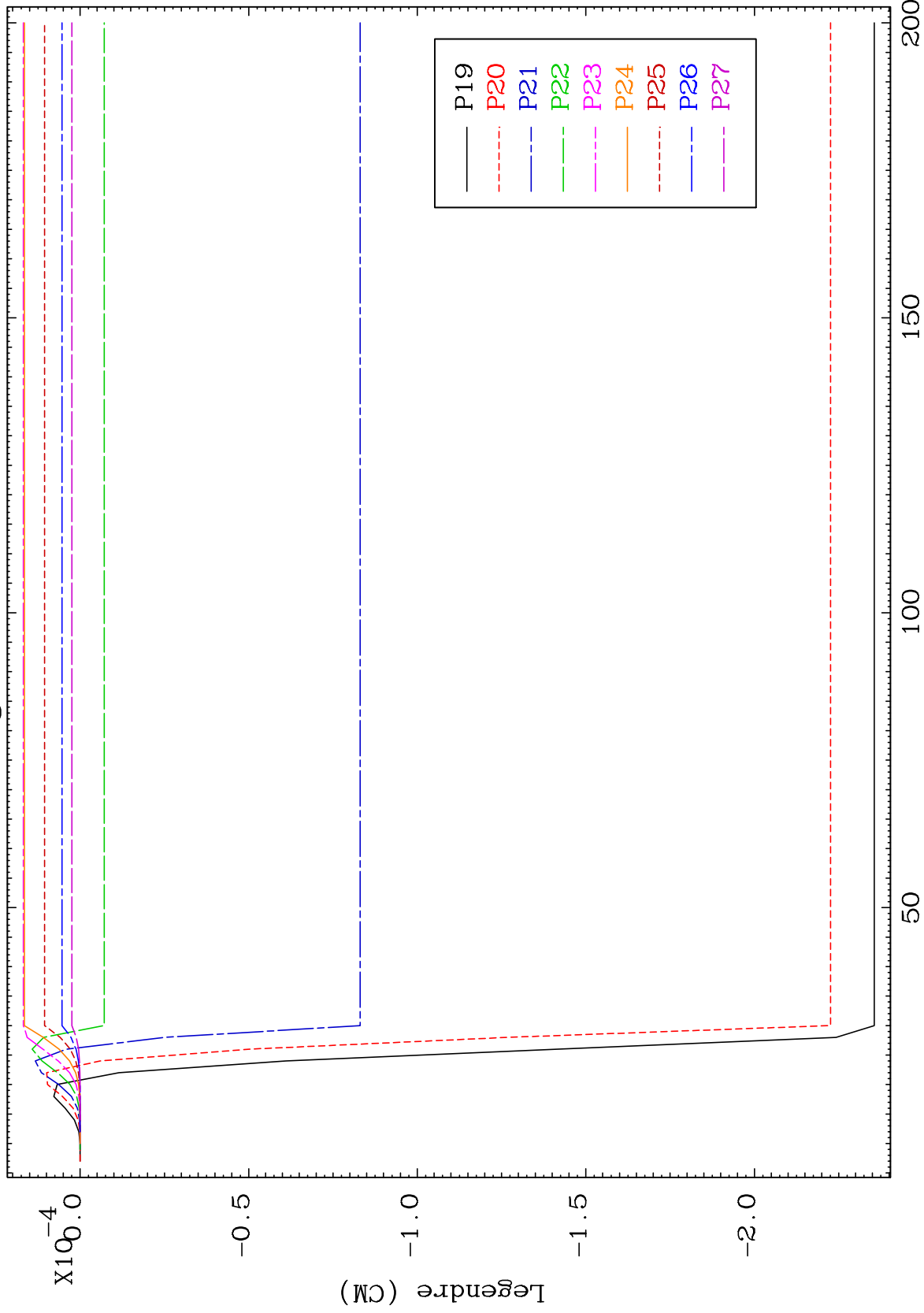
Incident Energy (MeV)

28

MAT 5873

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

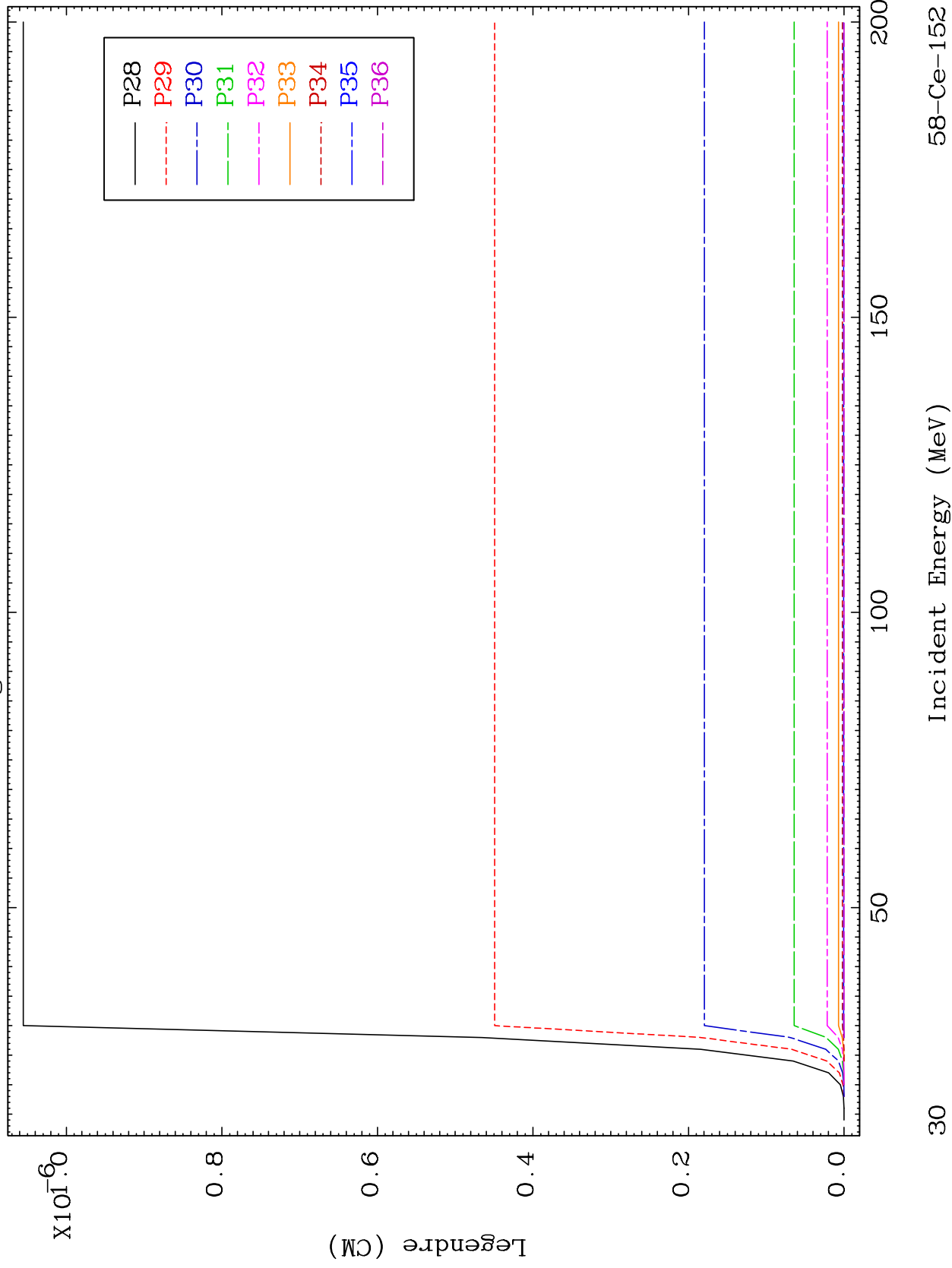
58-Ce-152



MAT 5873

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

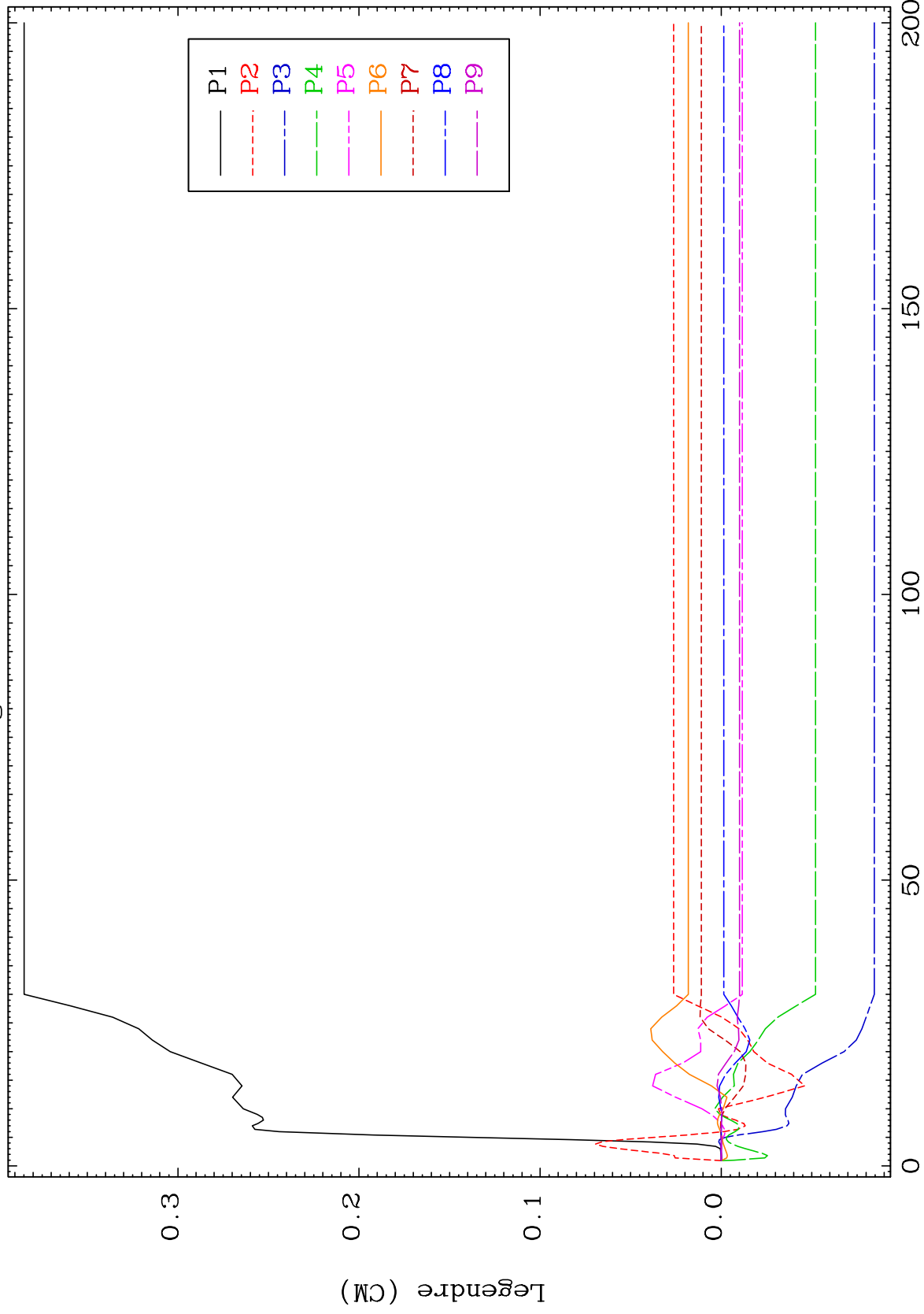
58-Ce-152



MAT 5873

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

58-Ce-152



31

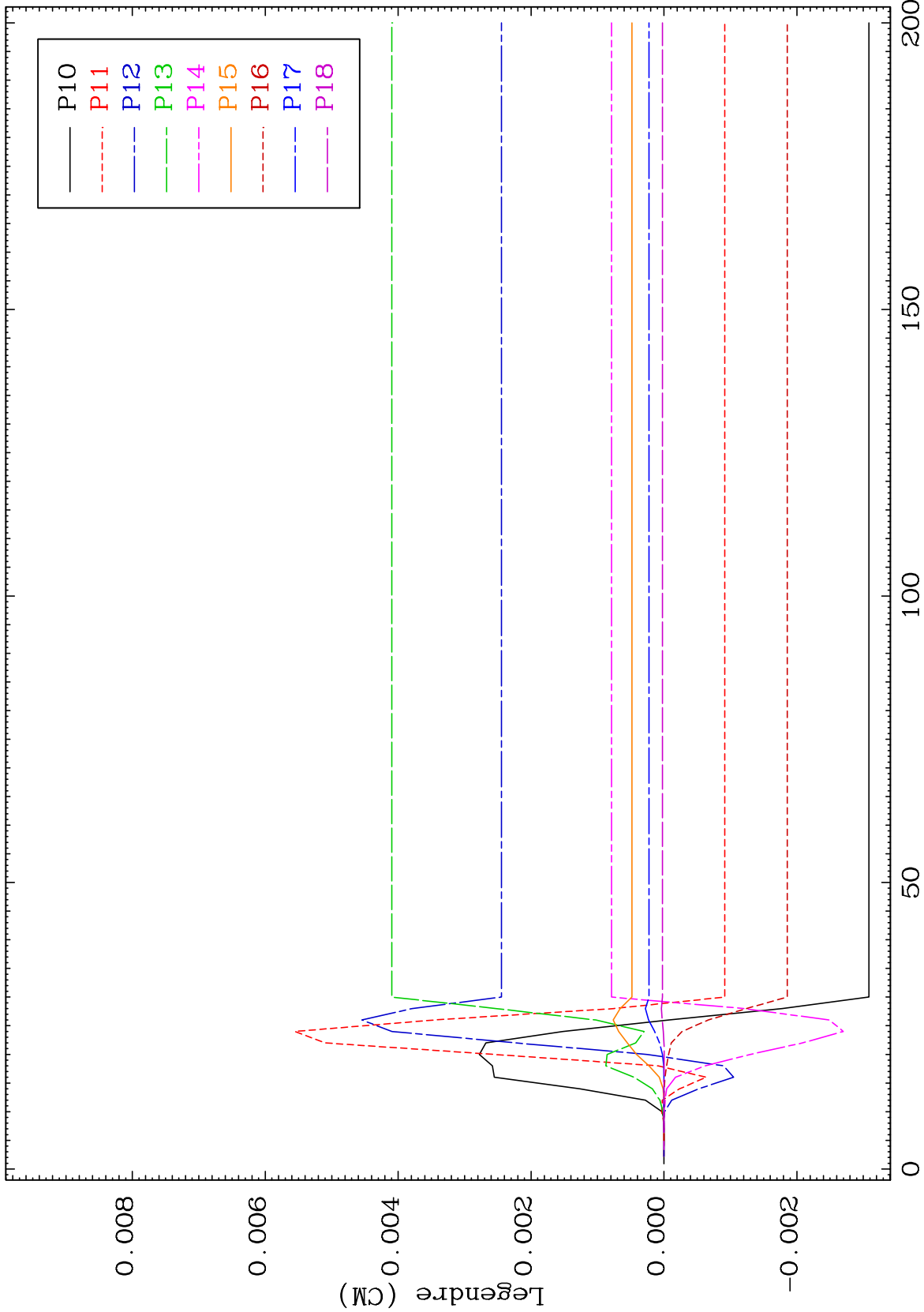
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



32

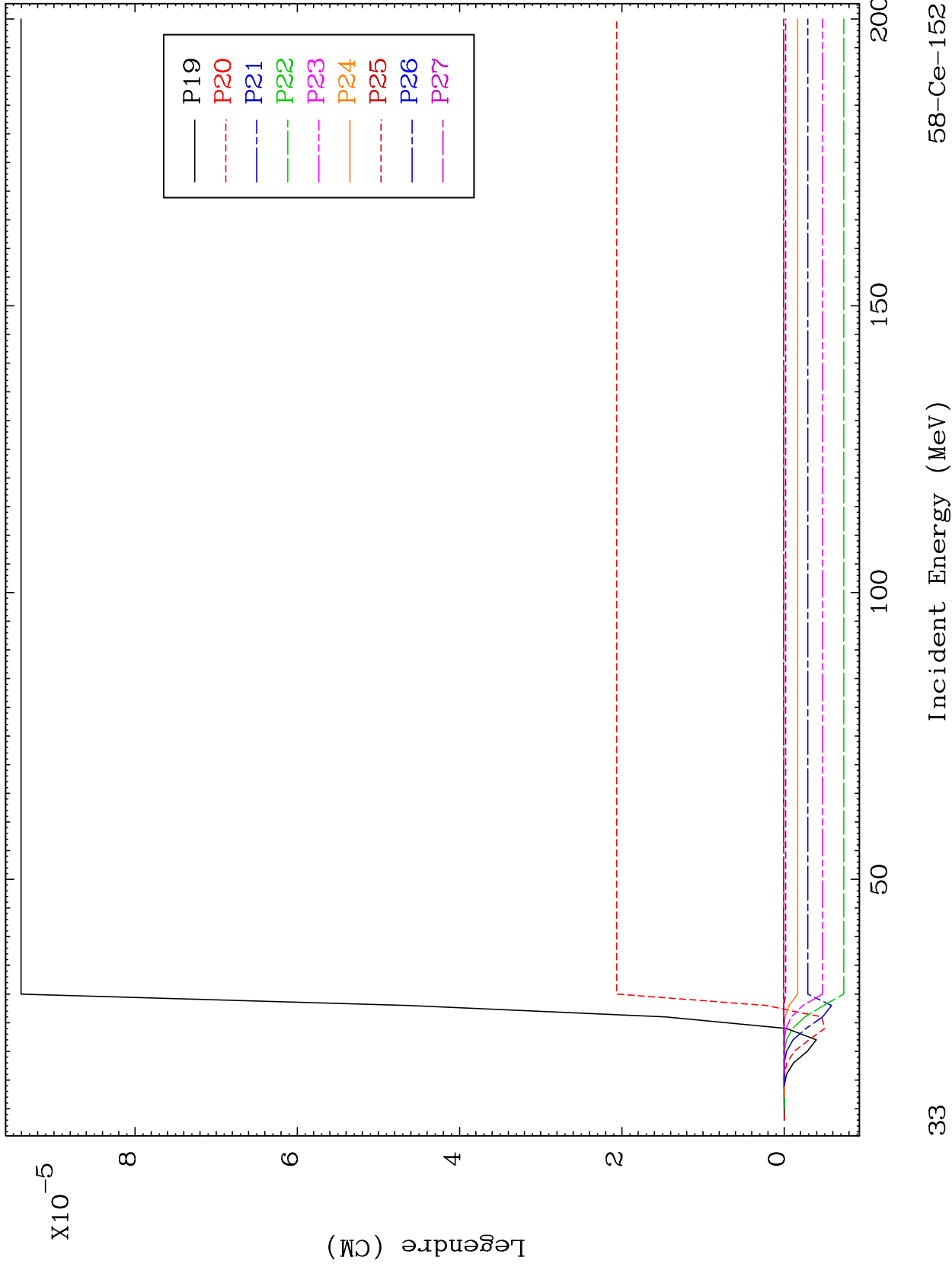
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

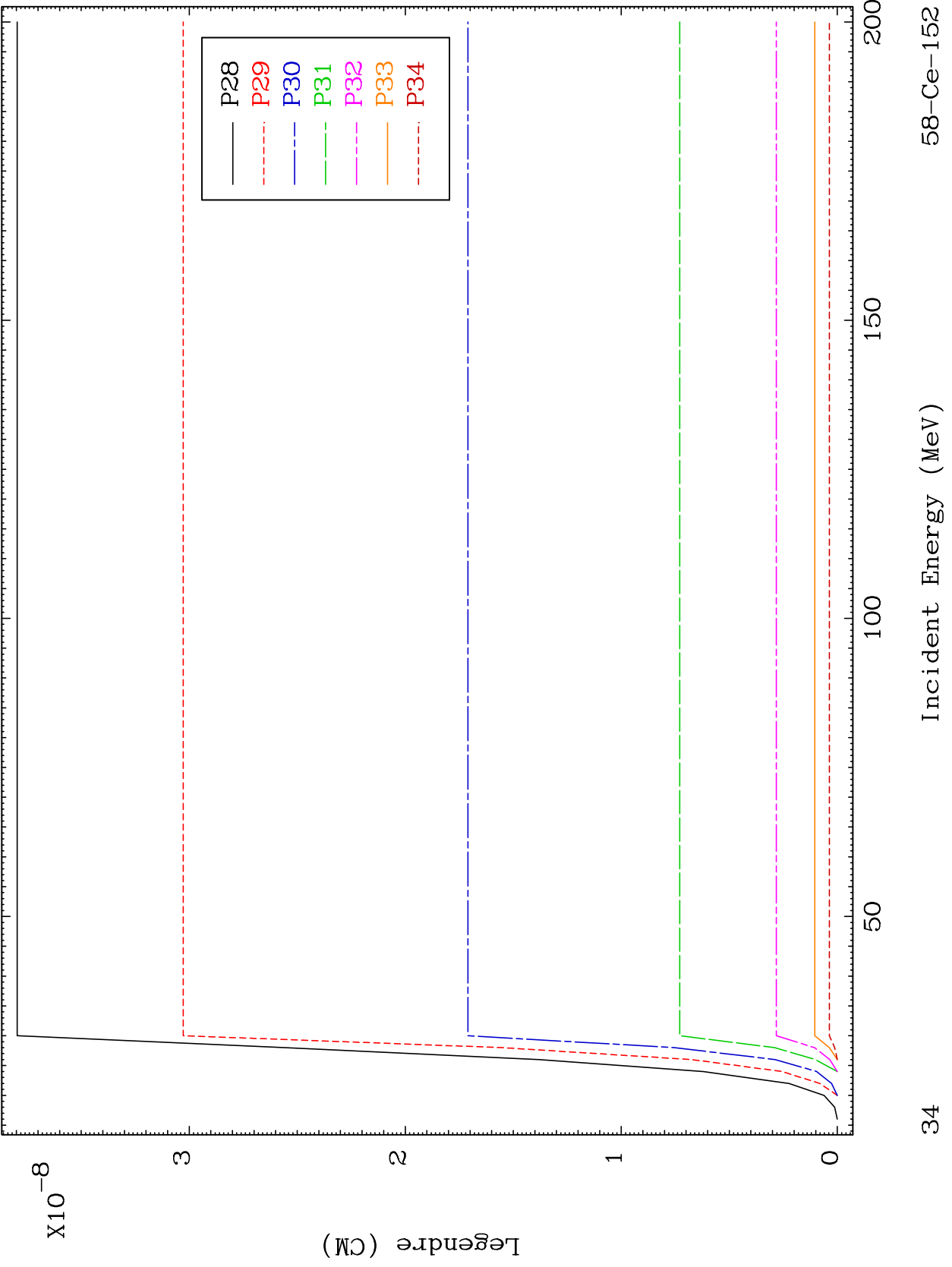


33

MAT 5873

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

58-Ce-152



34

Incident Energy (MeV)

58-Ce-152

200

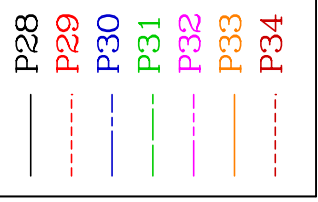
150

100

50

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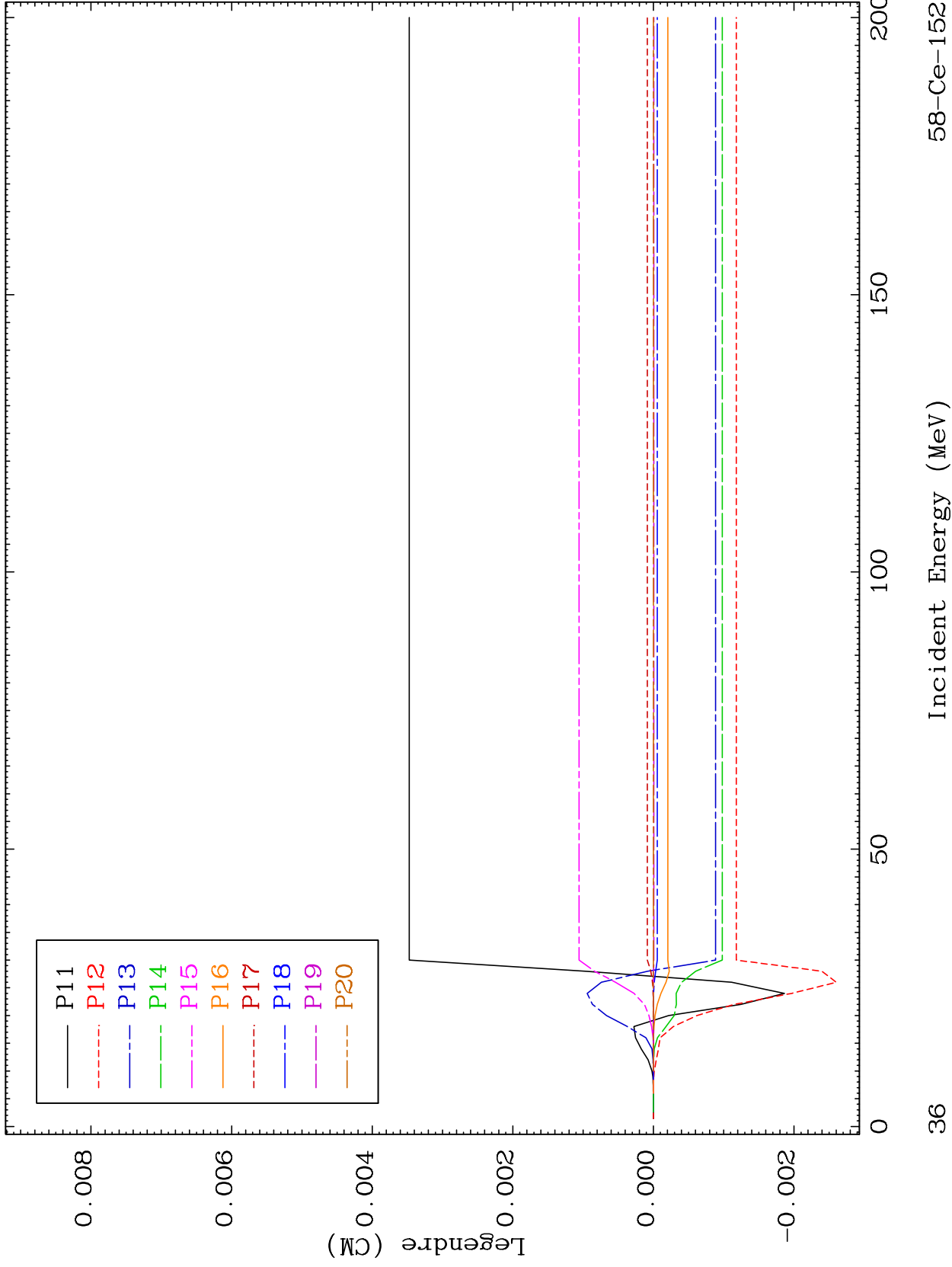
Legendre (CM)



MAT 5873

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

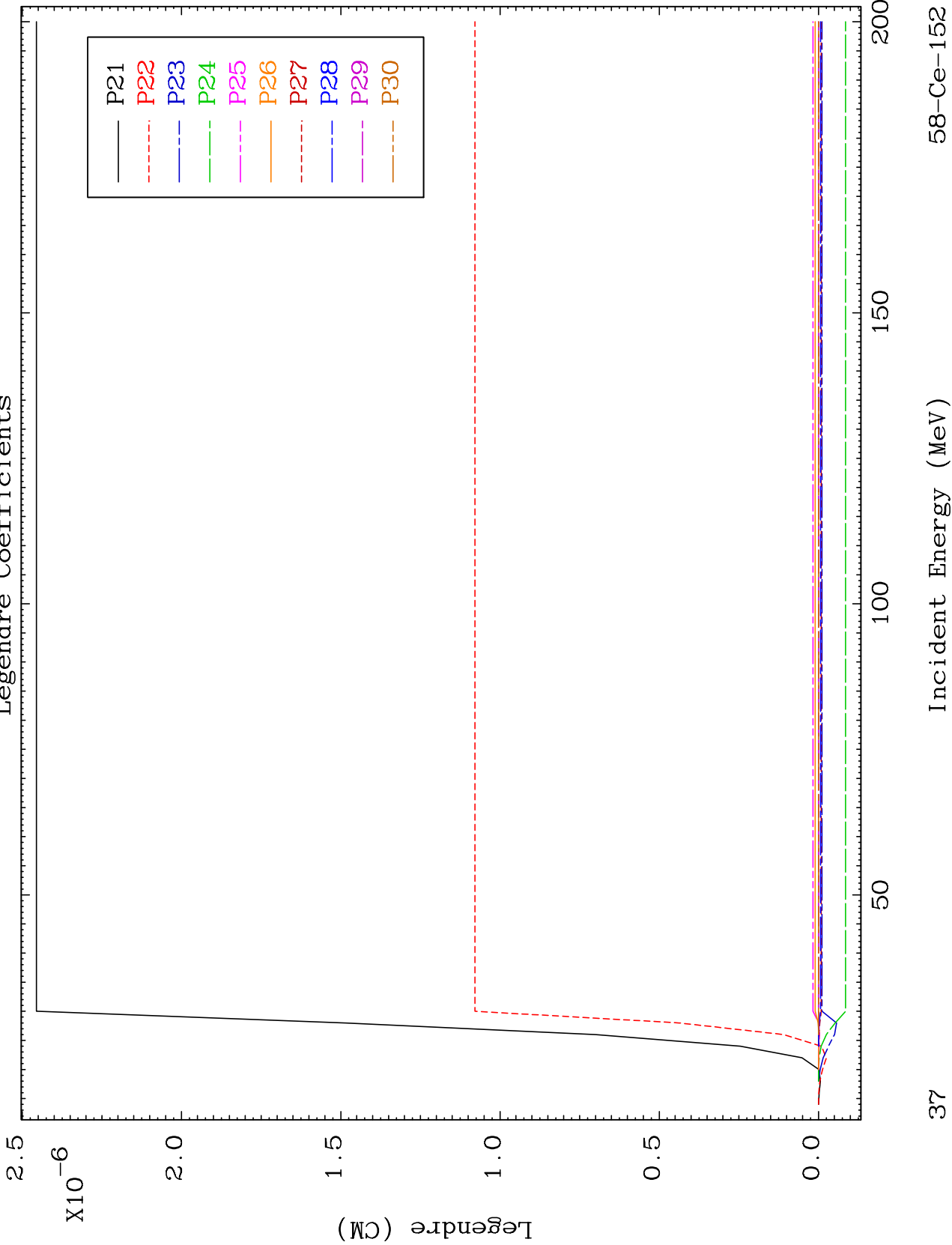
58-Ce-152



MAT 5873

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

58-Ce-152



37

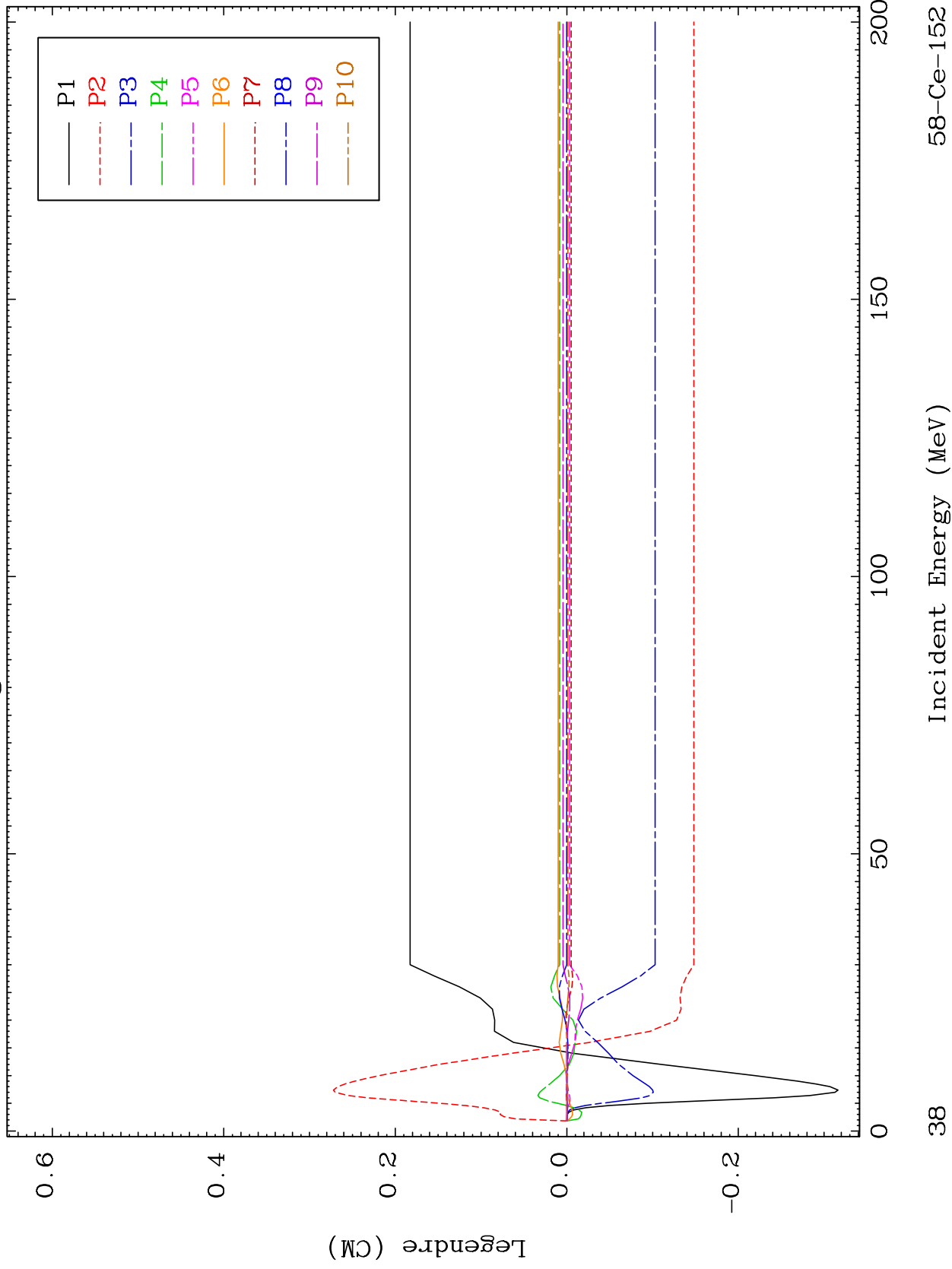
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

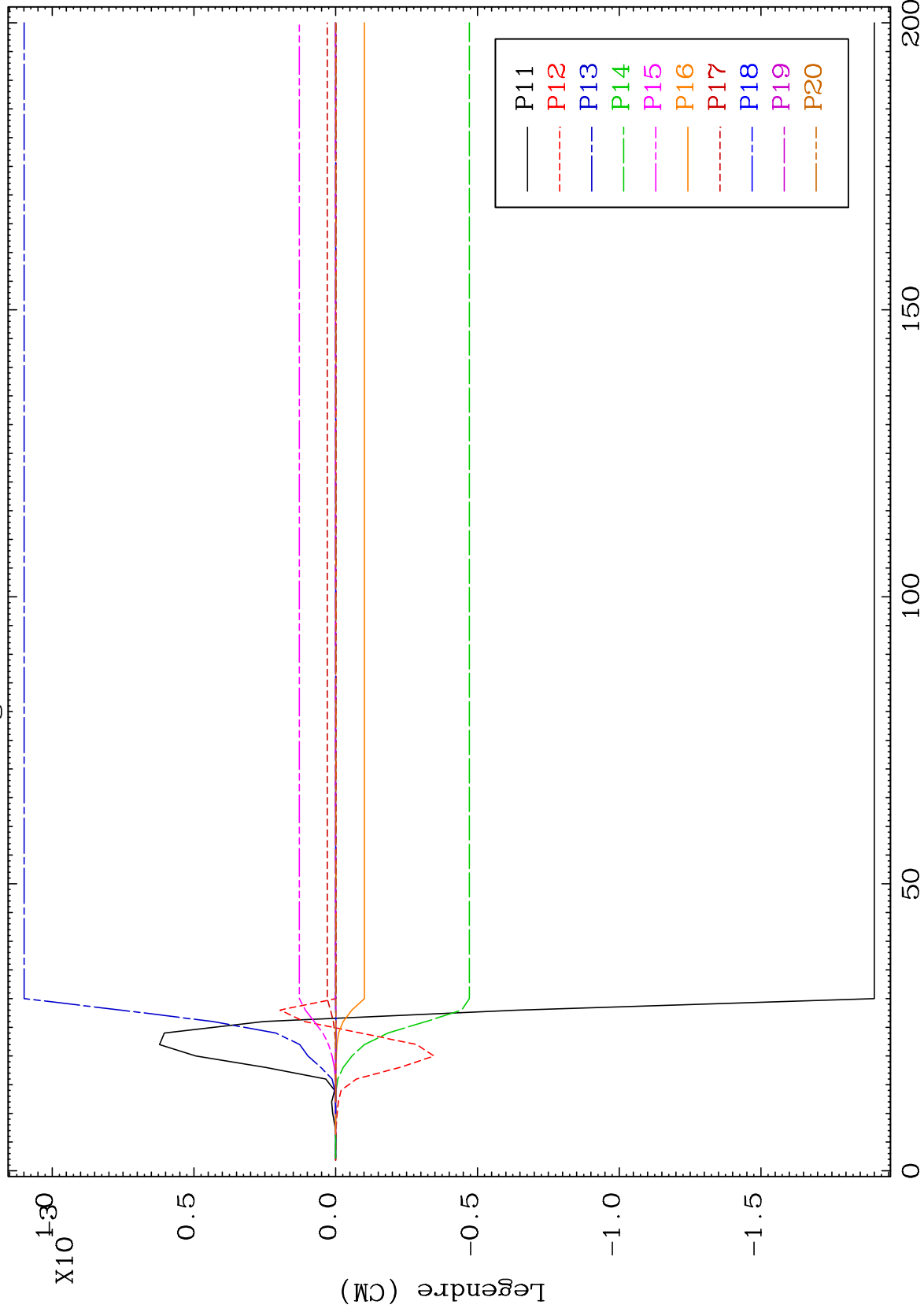
Incident Energy (MeV)

38

MAT 5873

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

58-Ce-152



39

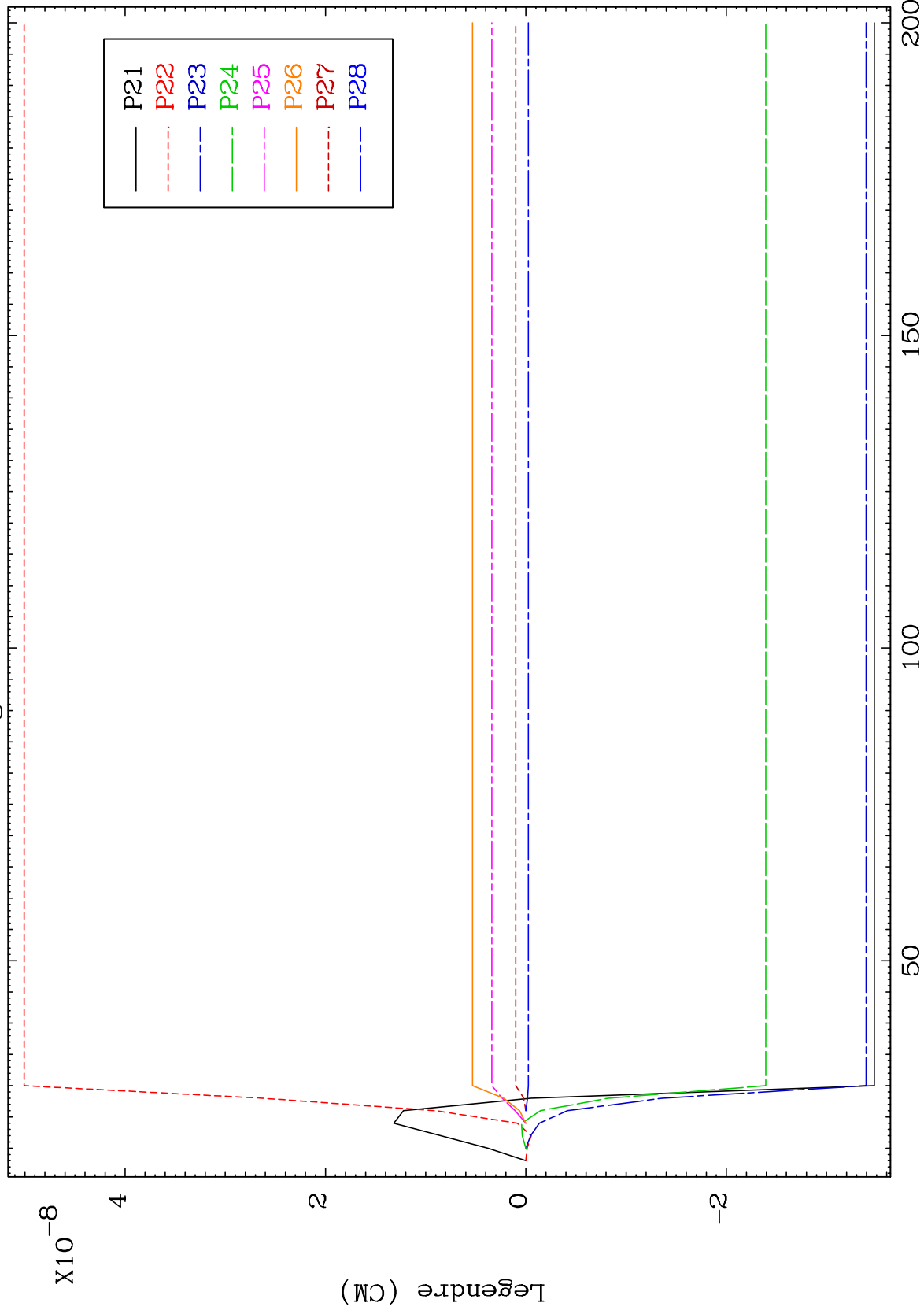
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



40

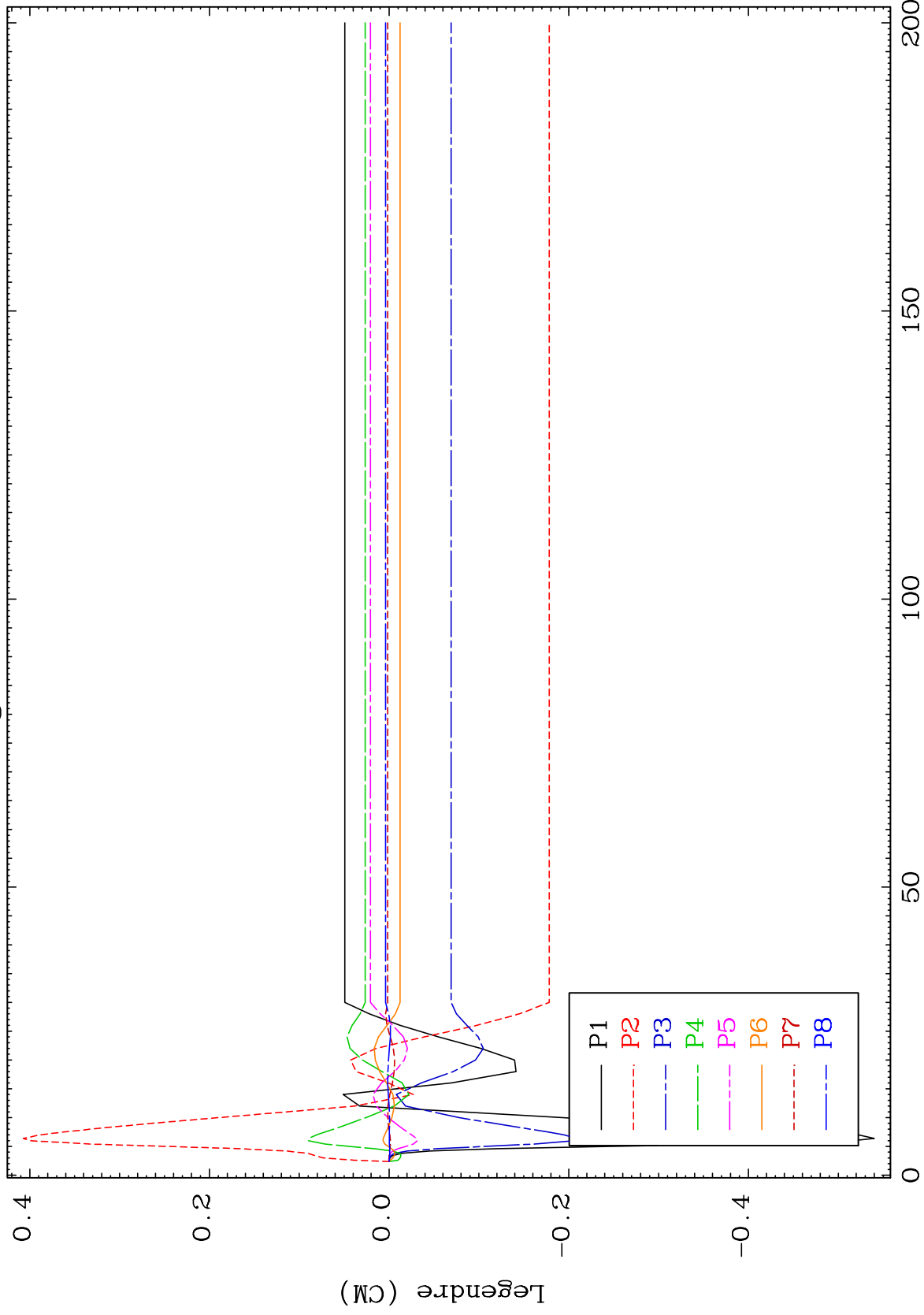
Incident Energy (MeV)

58-Ce-152

MAT 5873

58-Ce-152

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



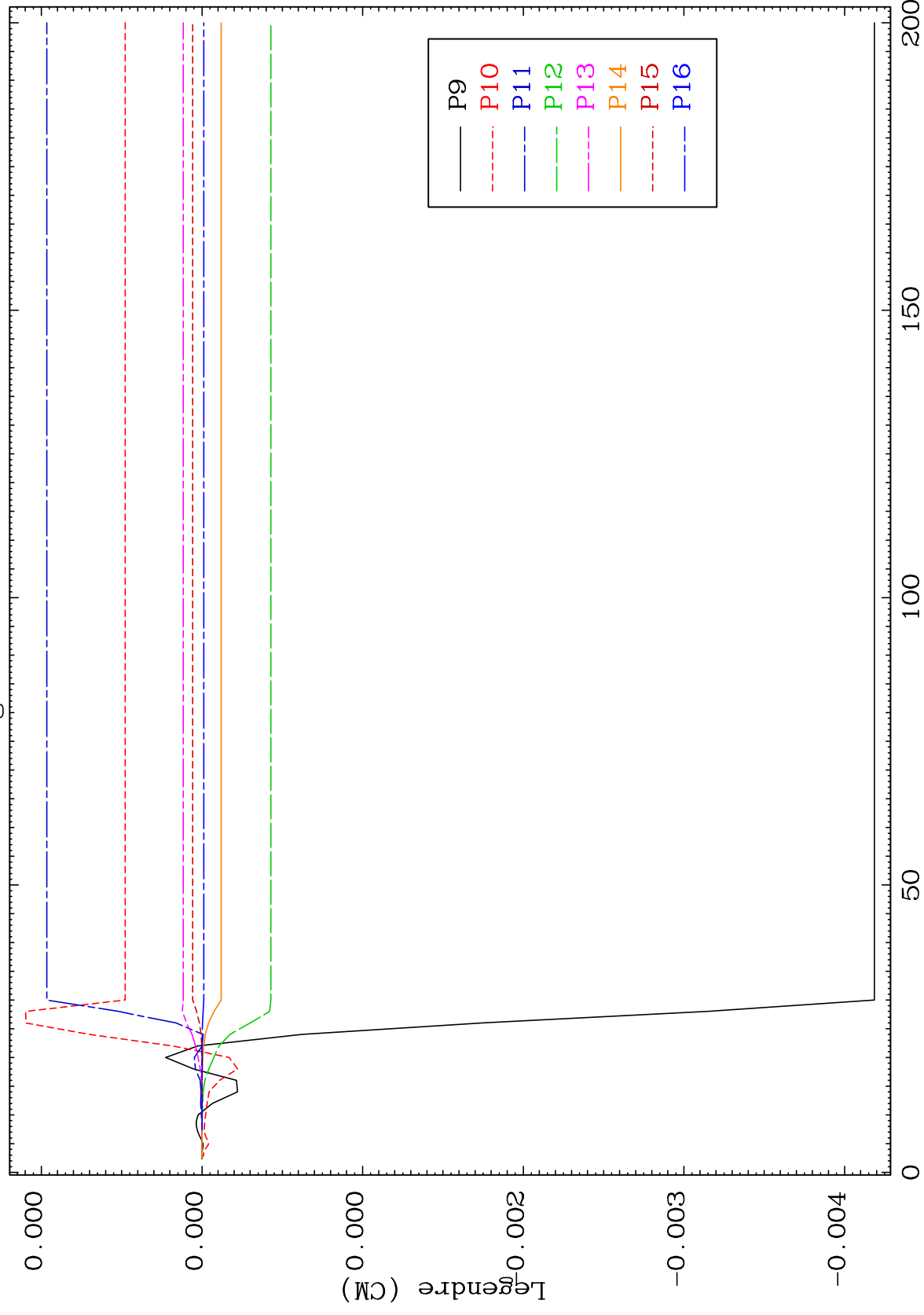
41

58-Ce-152

MAT 5873

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

58-Ce-152



42

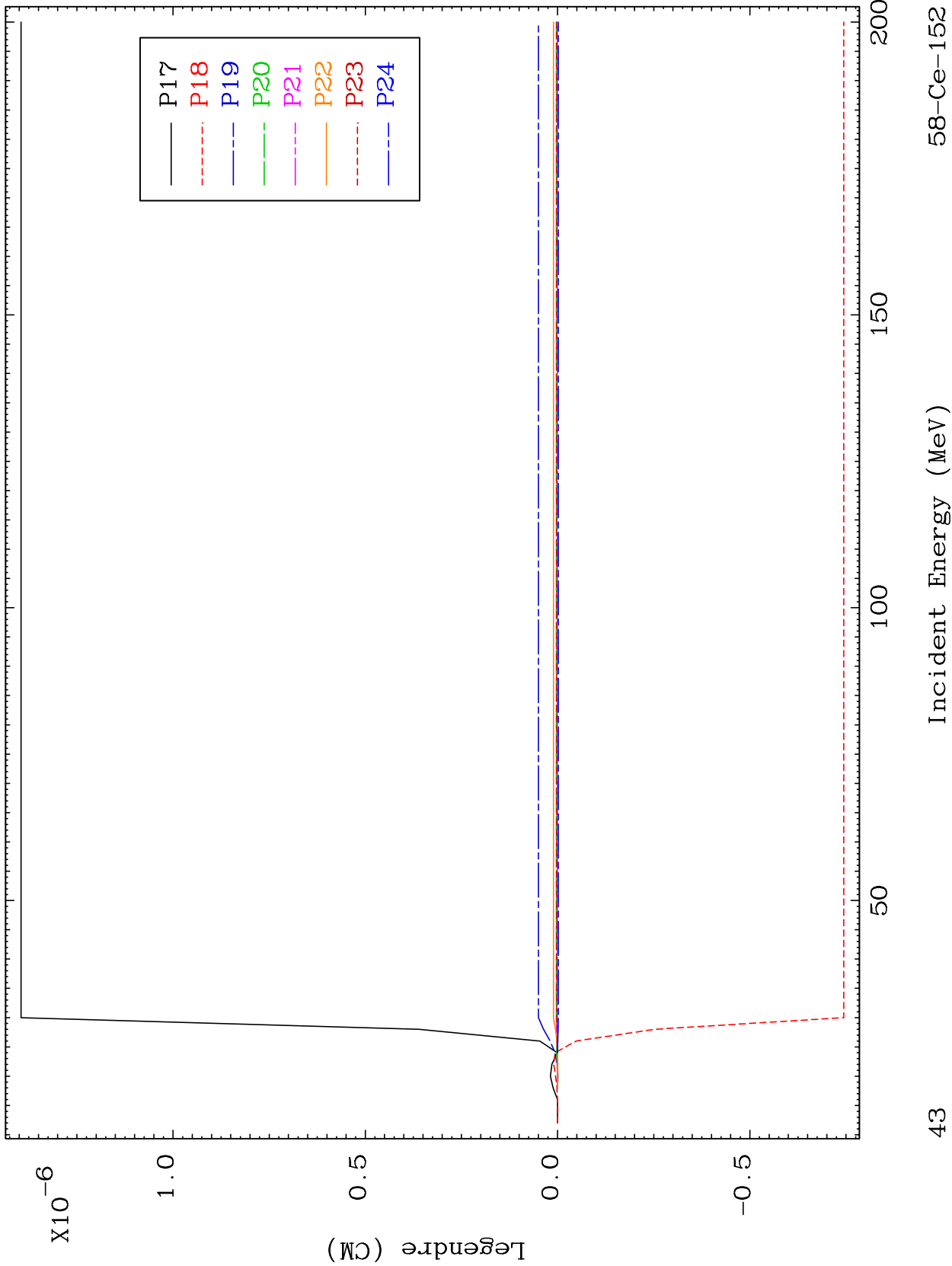
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



43

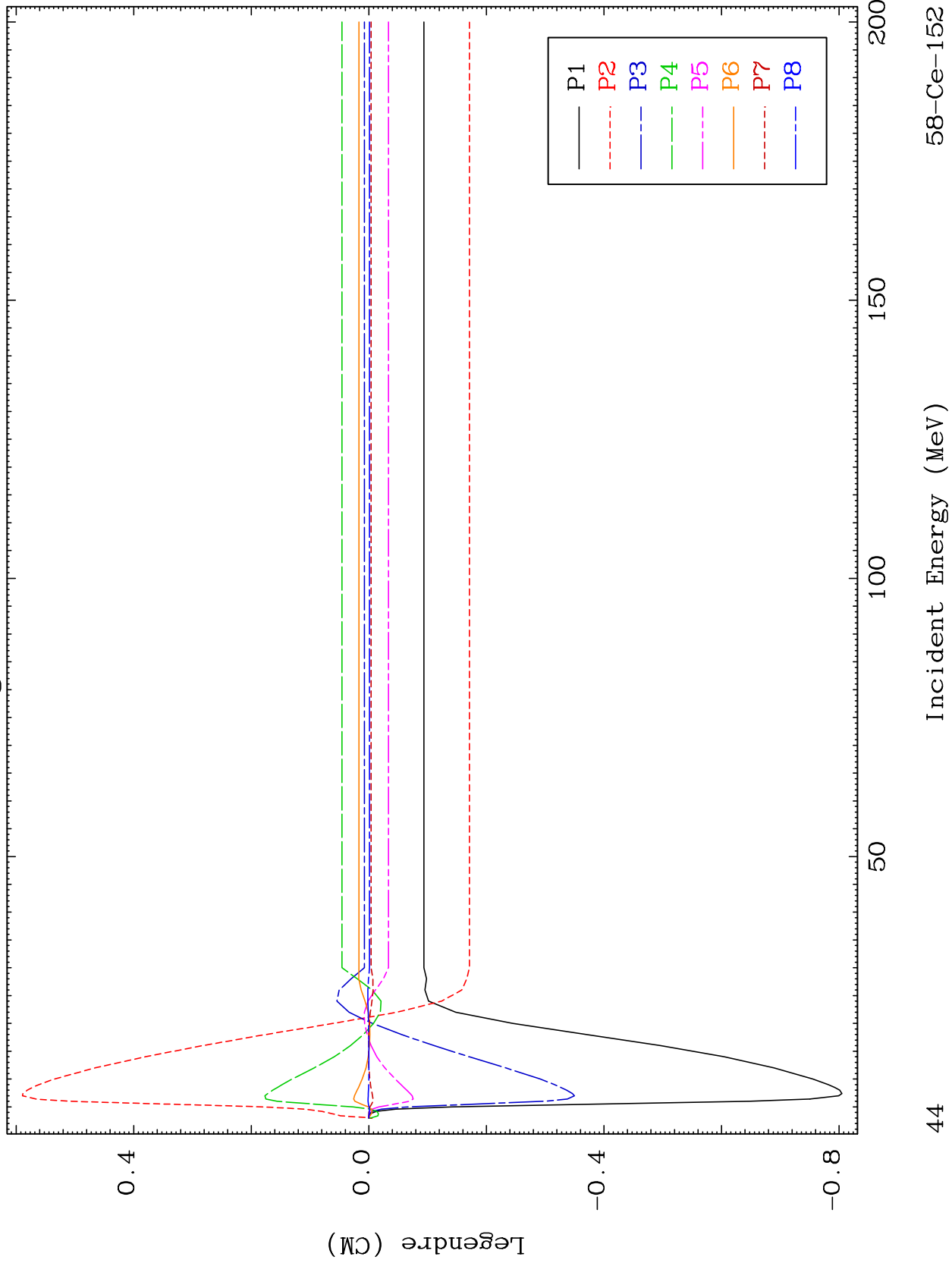
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

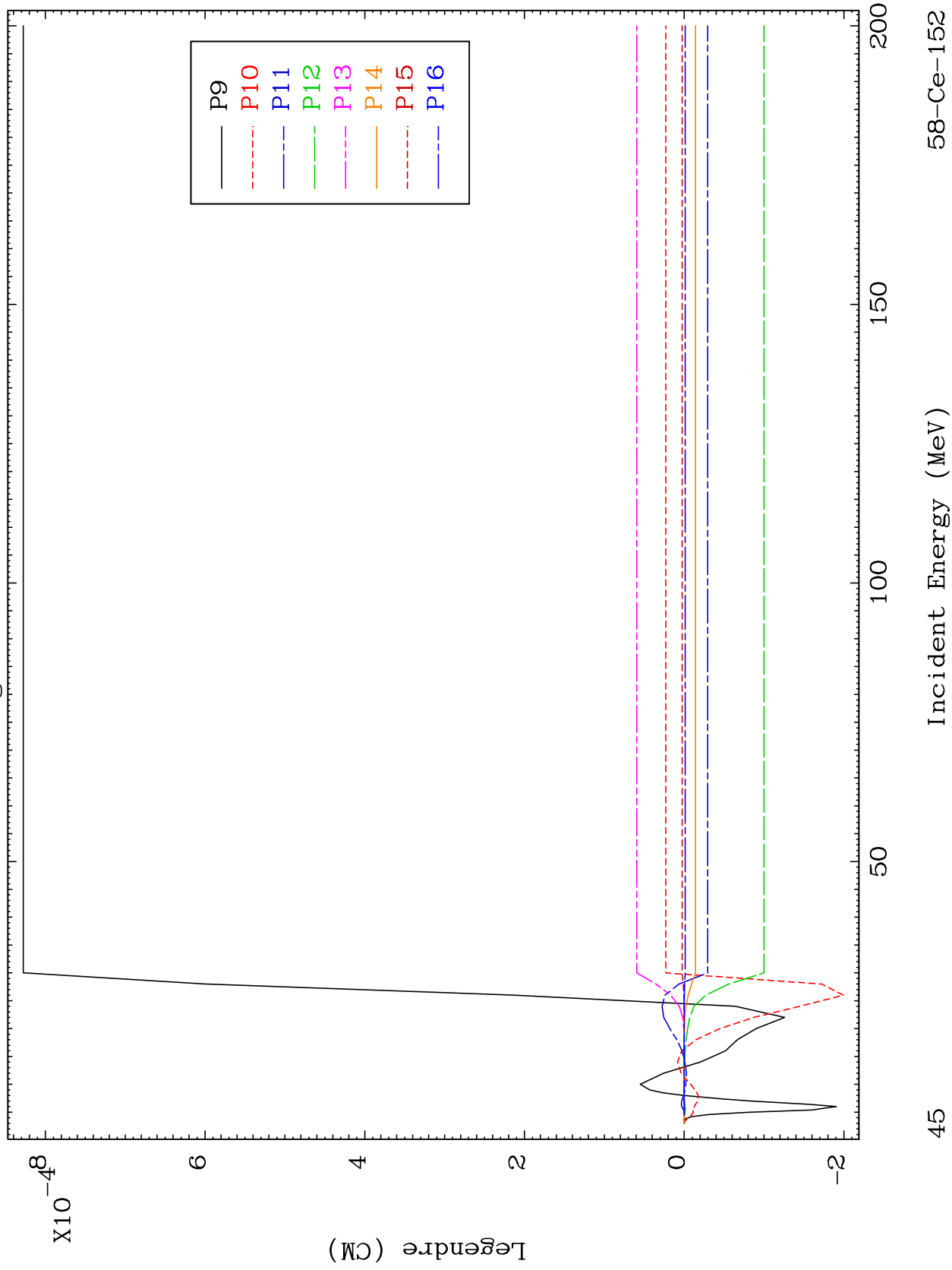
58-Ce-152



MAT 5873

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

58-Ce-152



45

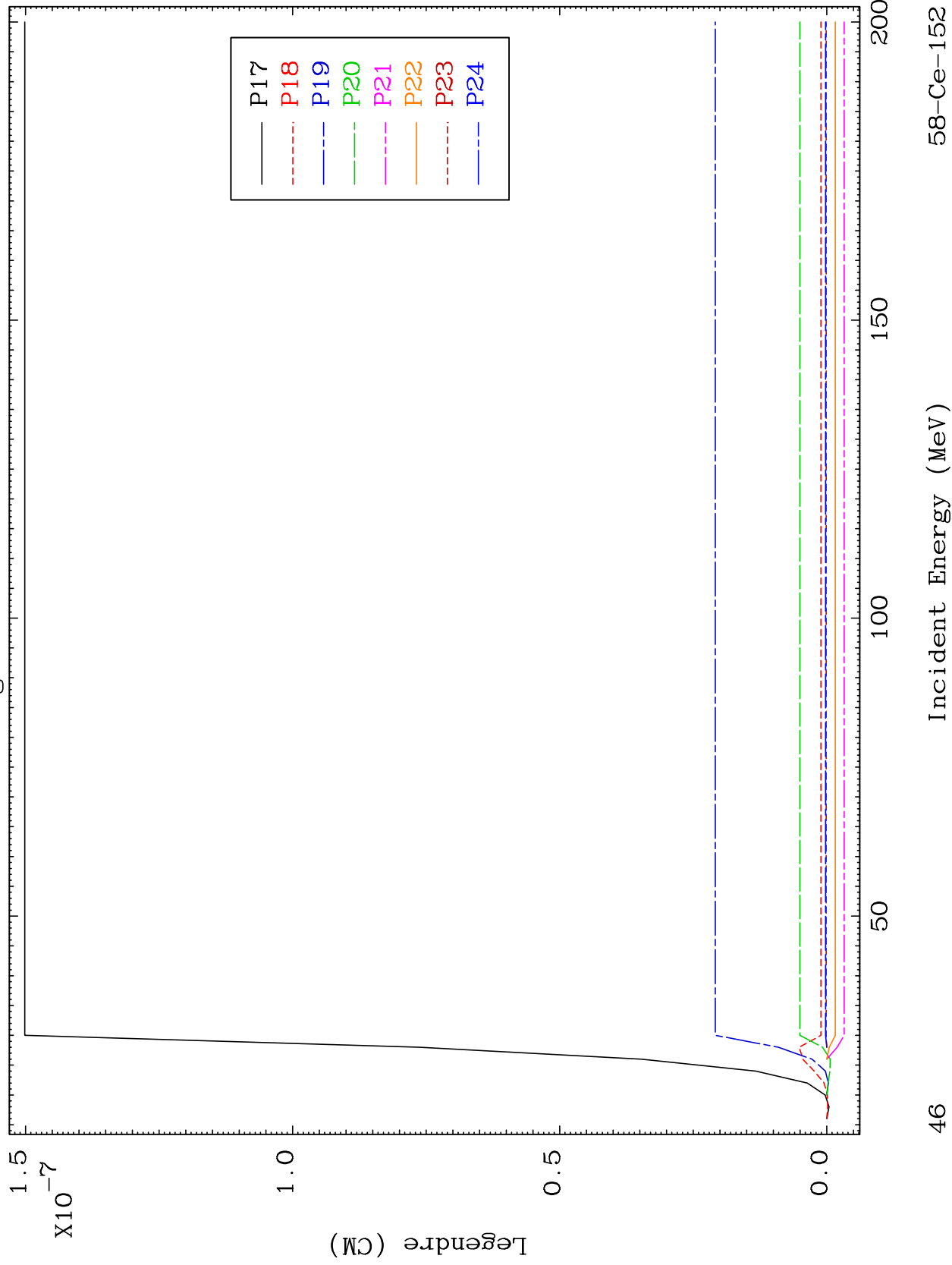
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



46

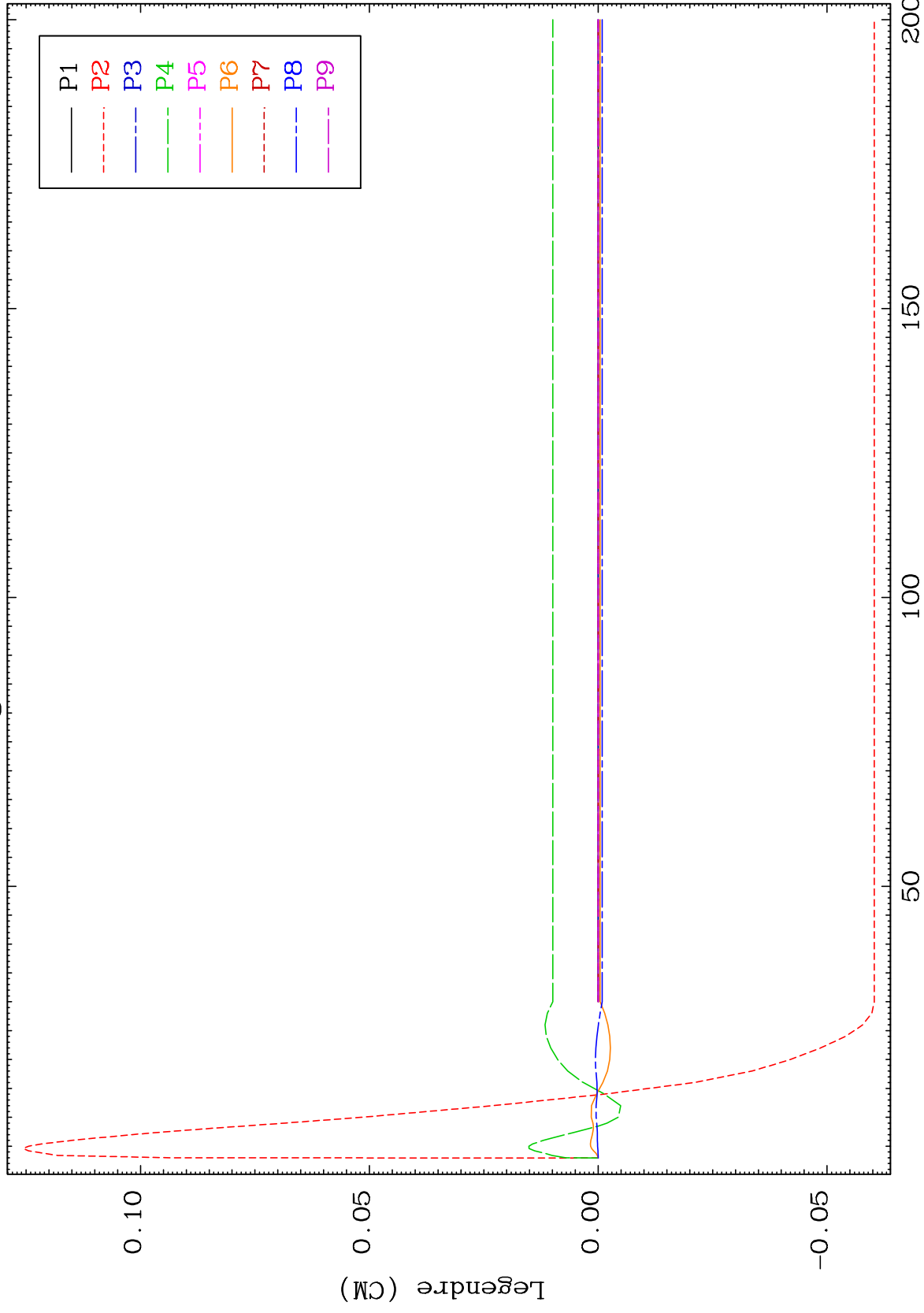
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



47

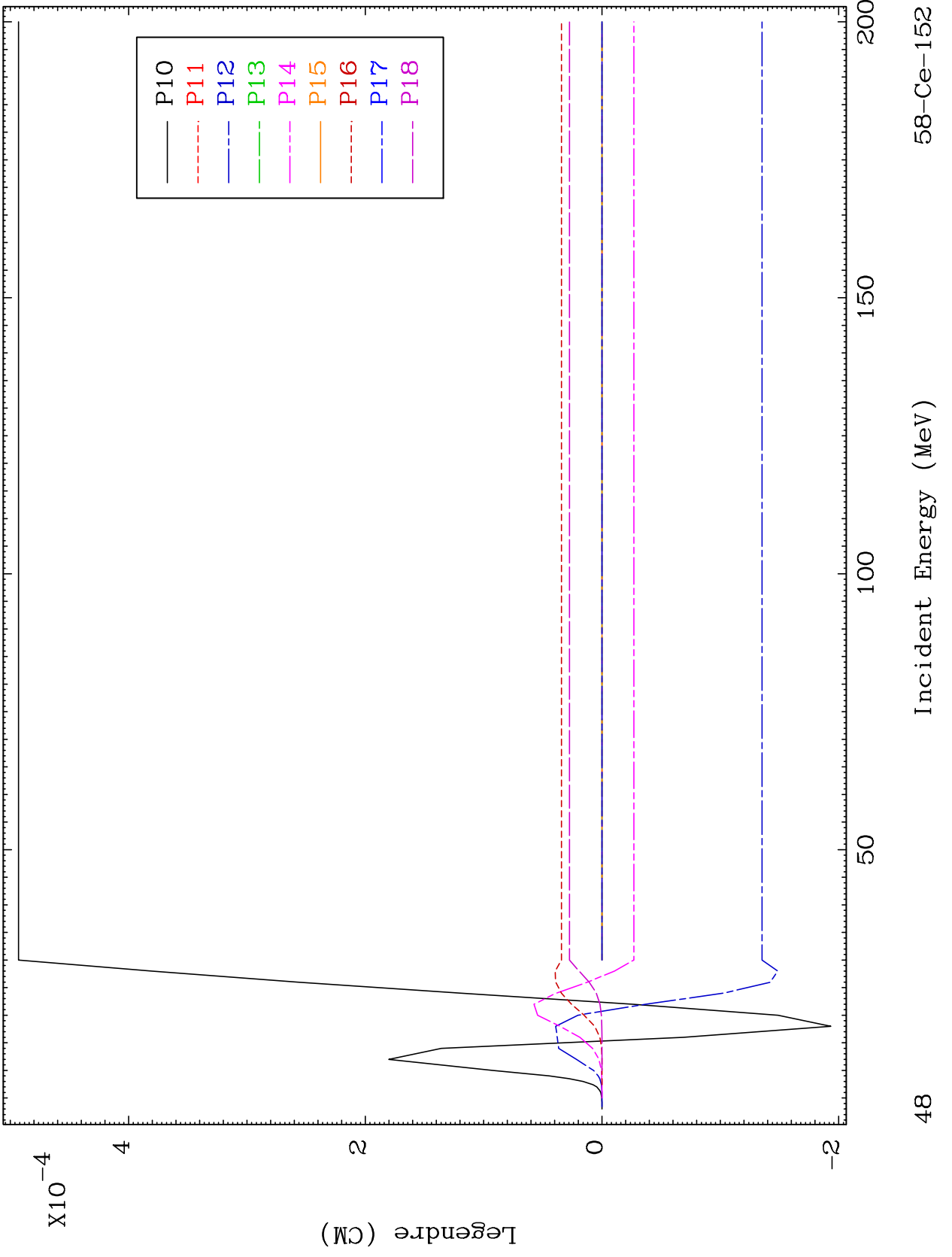
Incident Energy (MeV)

58-Ce-152

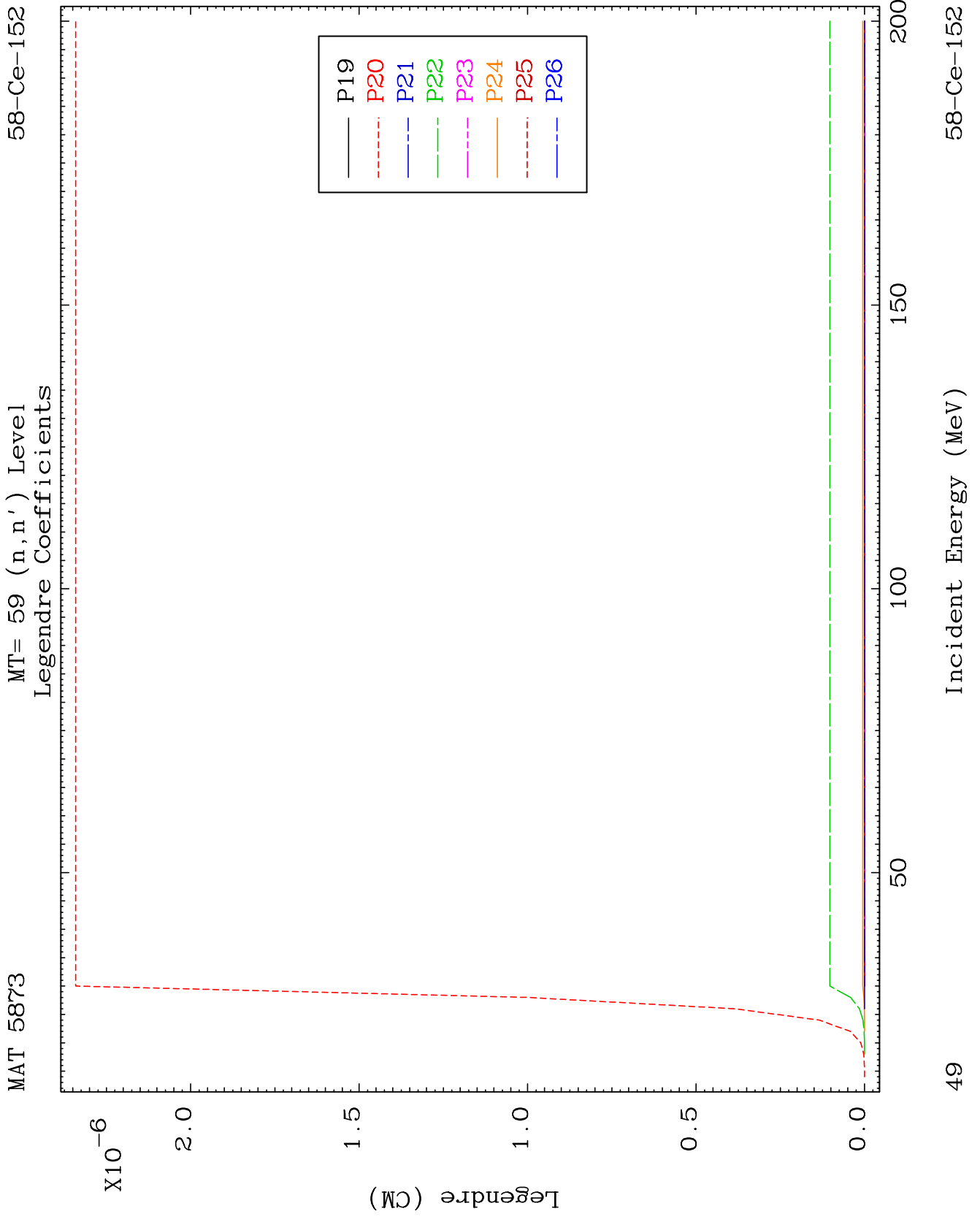
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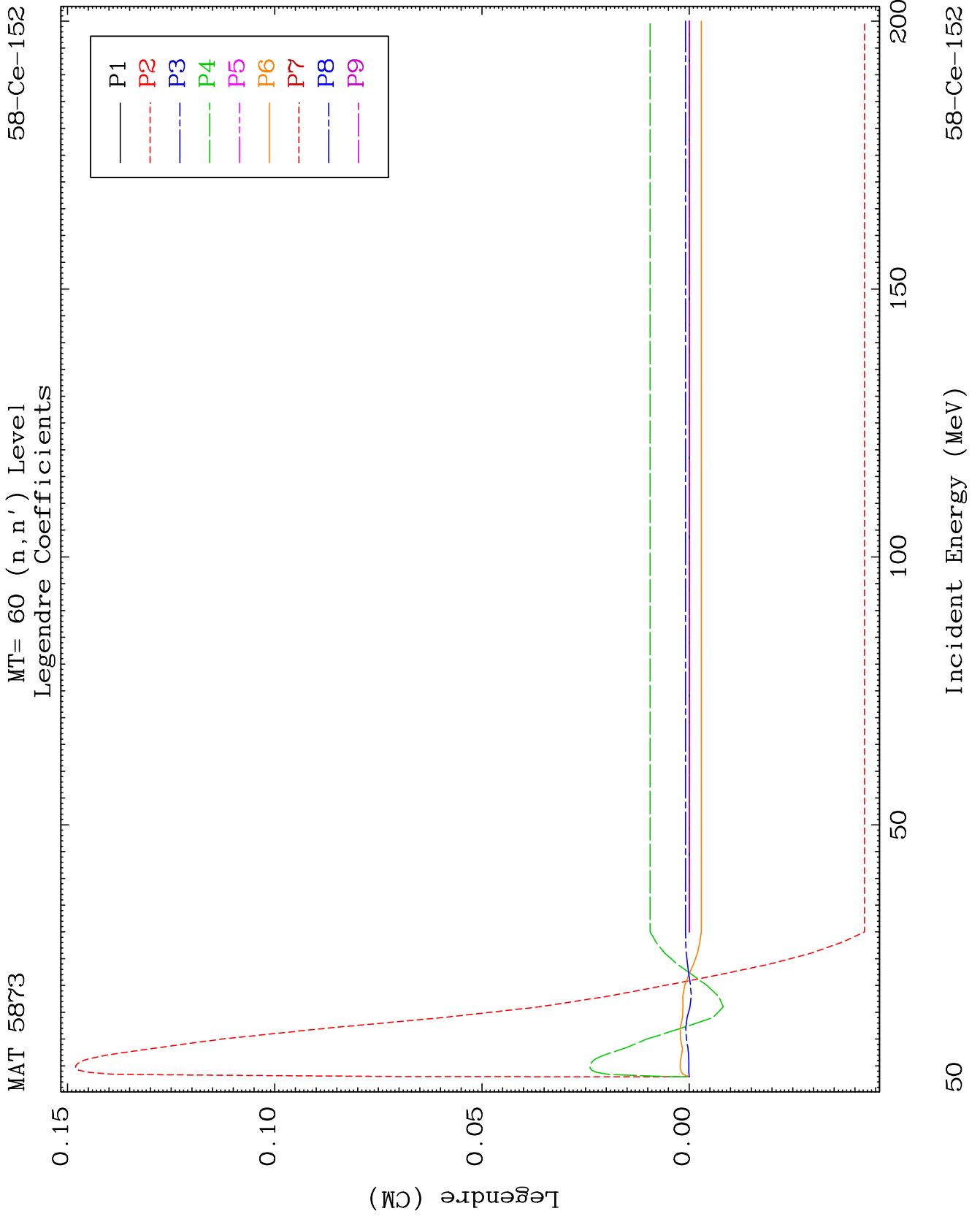
MT= 59 (n,n') Level
Legendre Coefficients

58-Ce-152



58-Ce-152

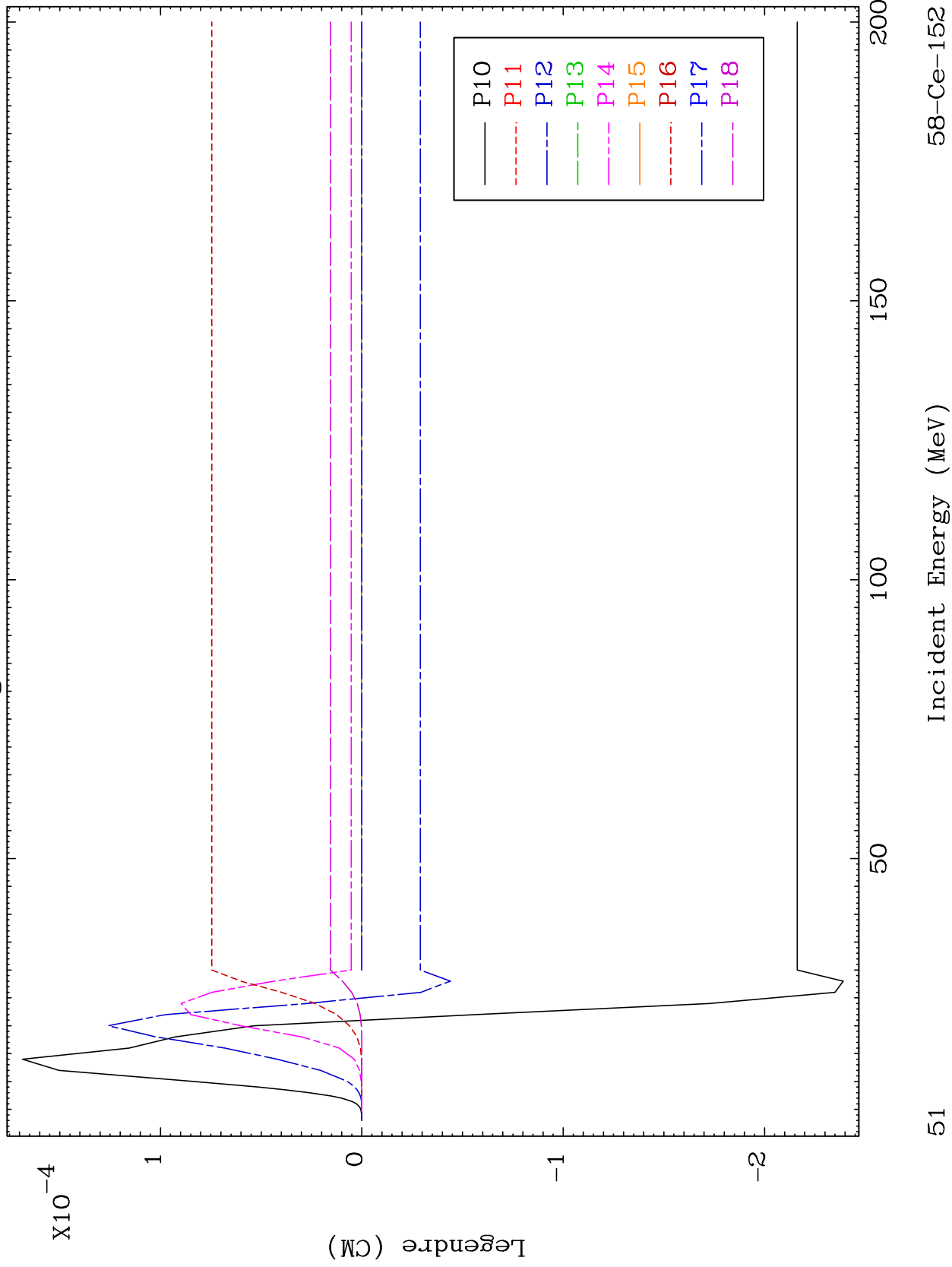




MAT 5873

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

58-Ce-152



51

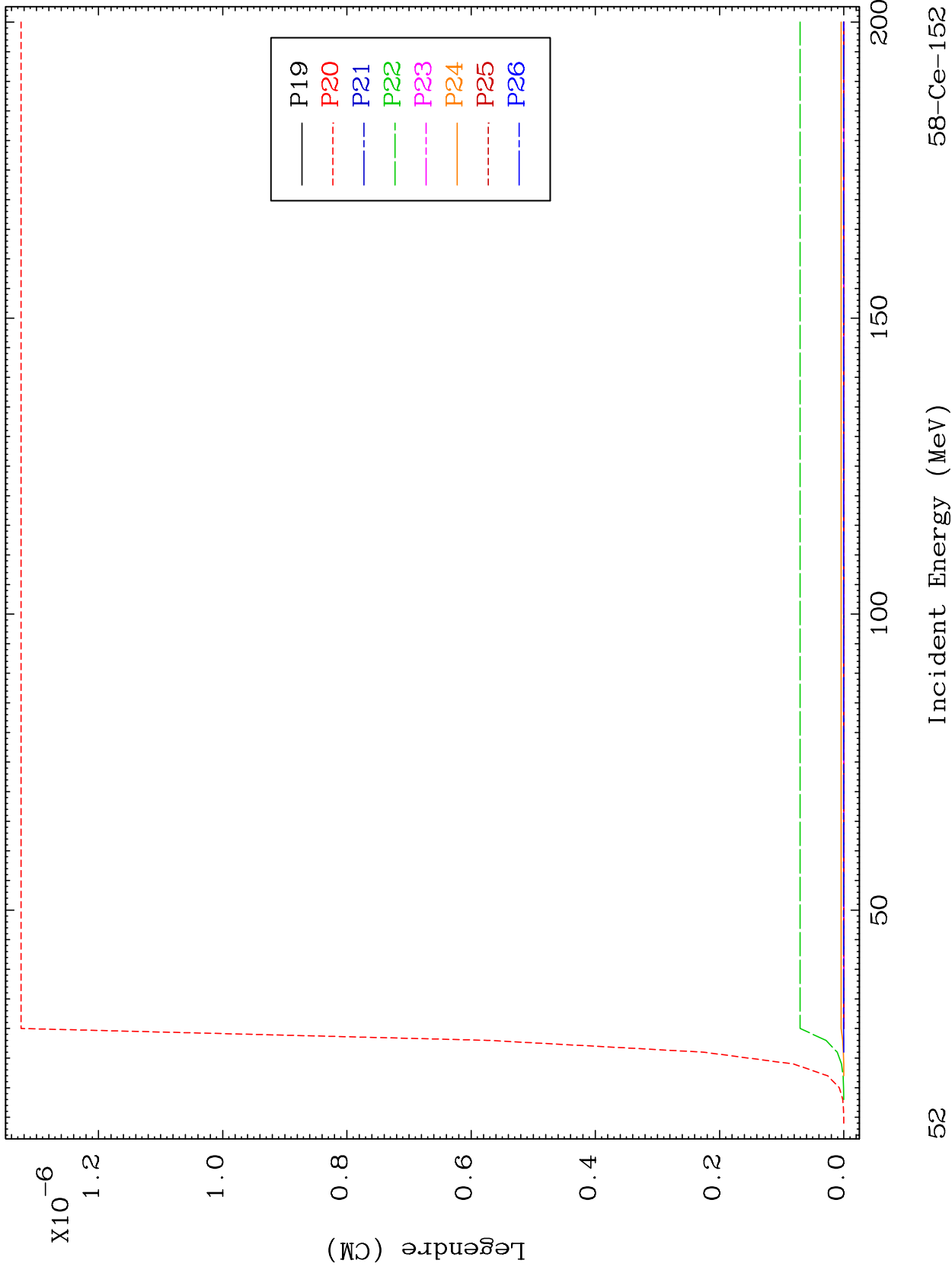
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



52

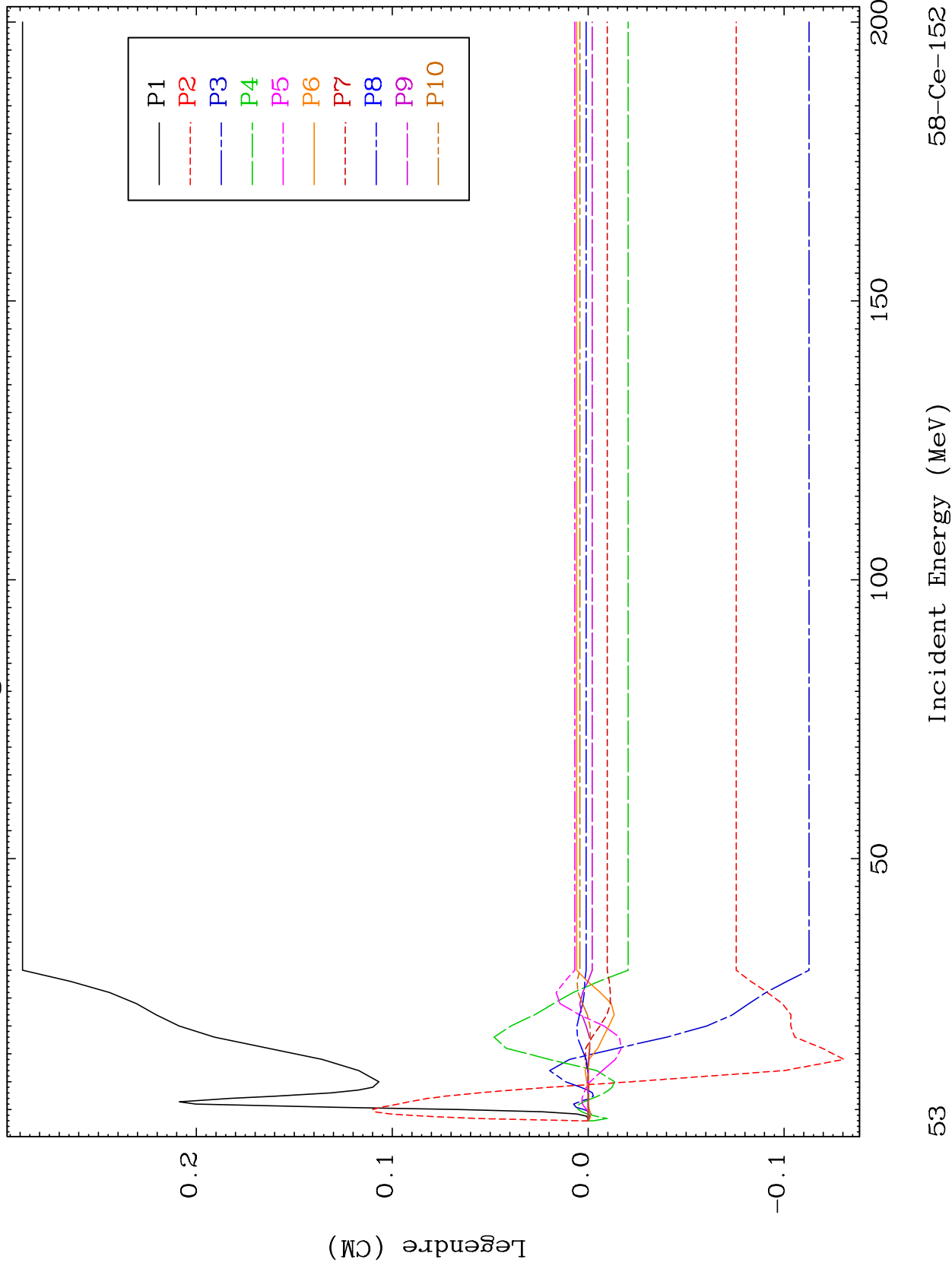
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



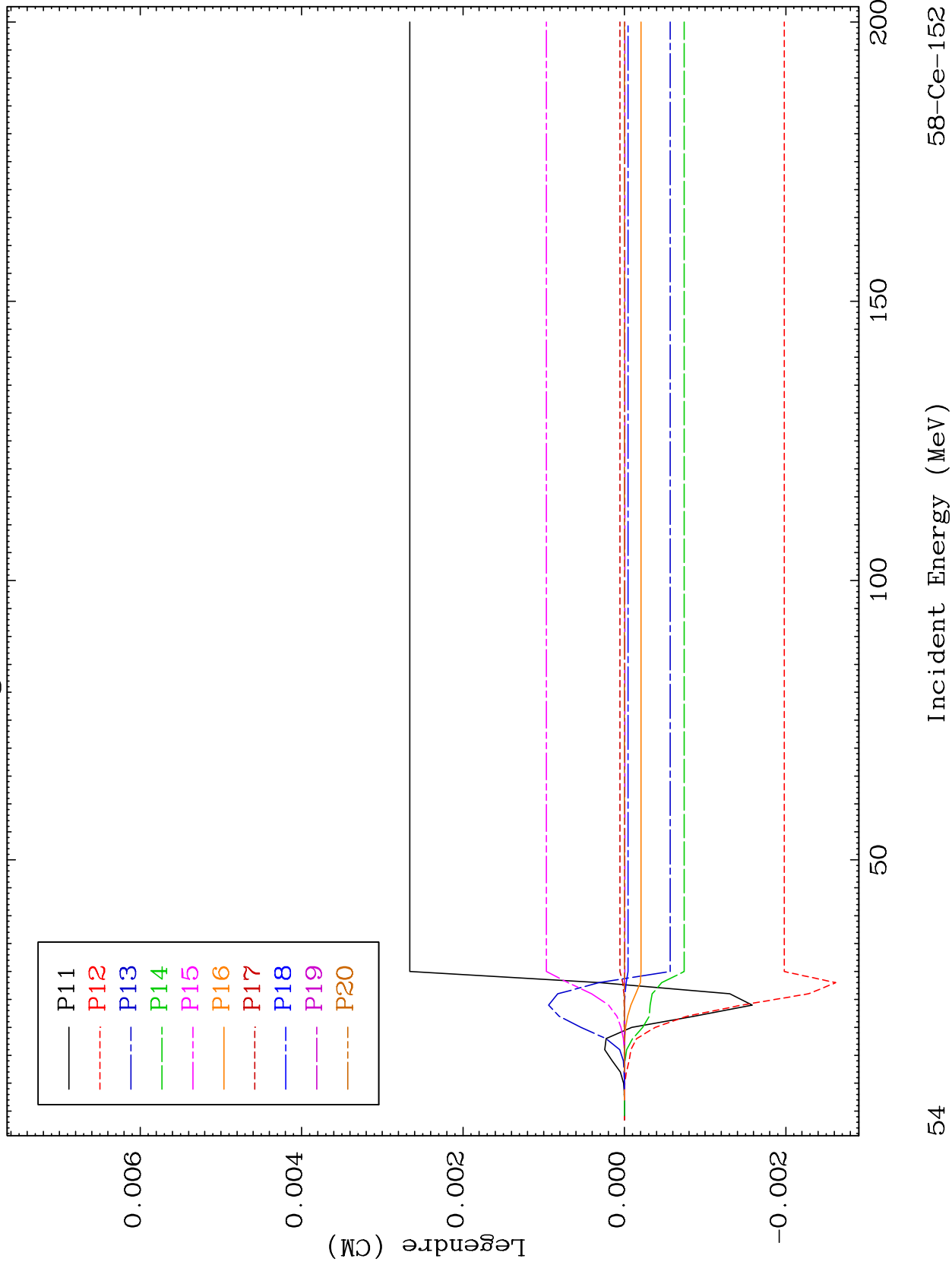
53

58-Ce-152

MAT 5873

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

58-Ce-152

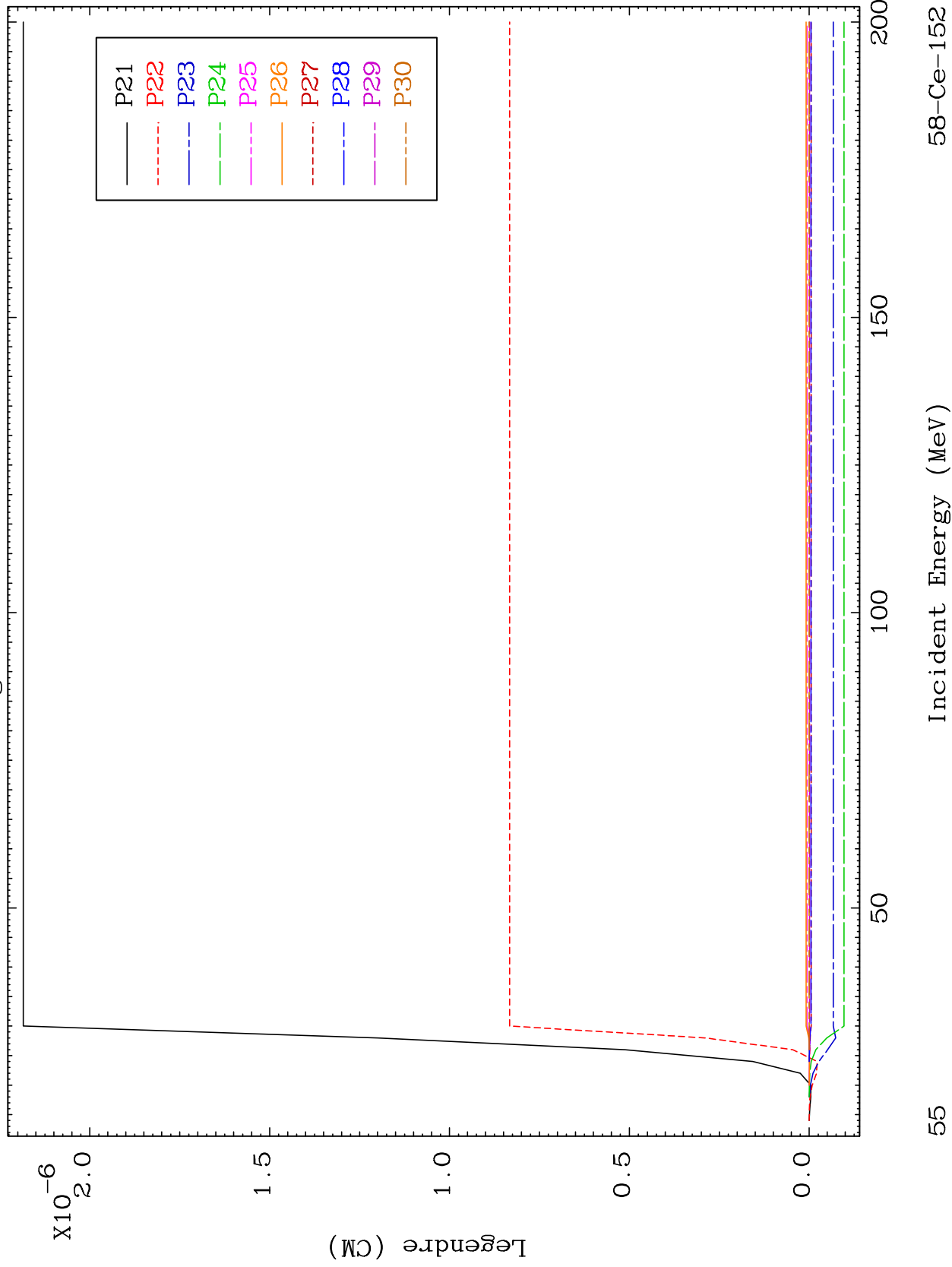


54

MAT 5873

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

58-Ce-152



55

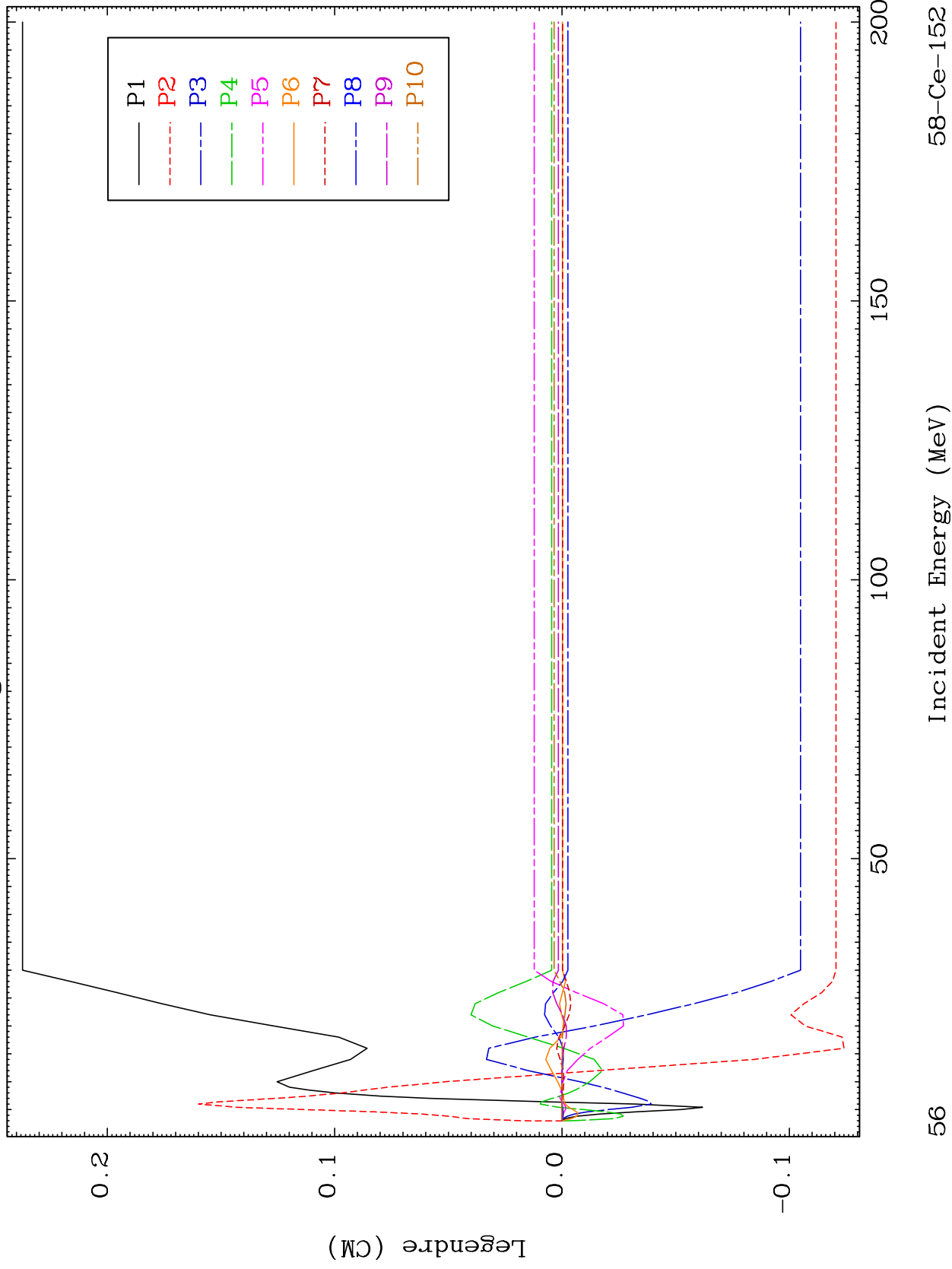
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



56

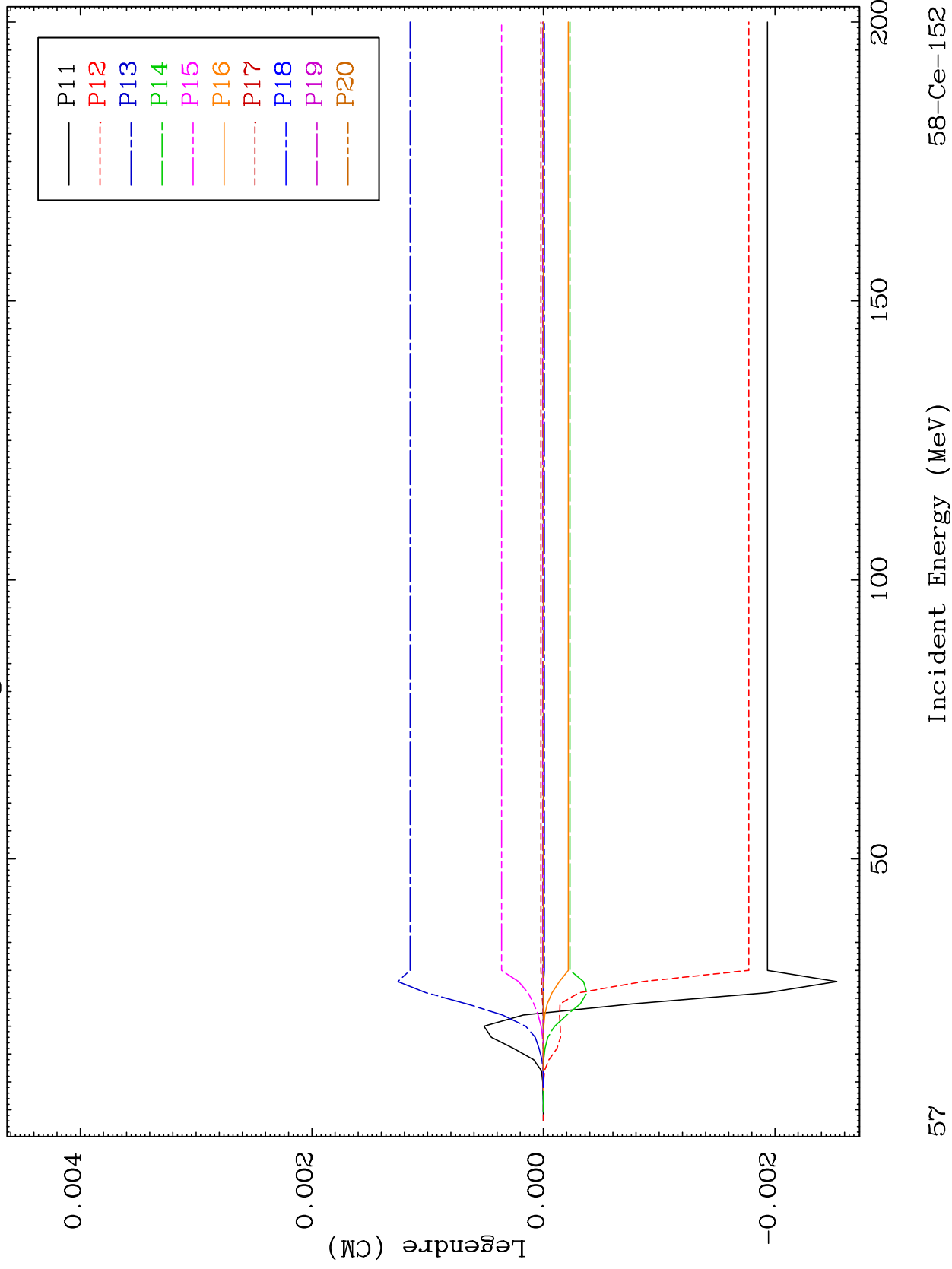
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



57

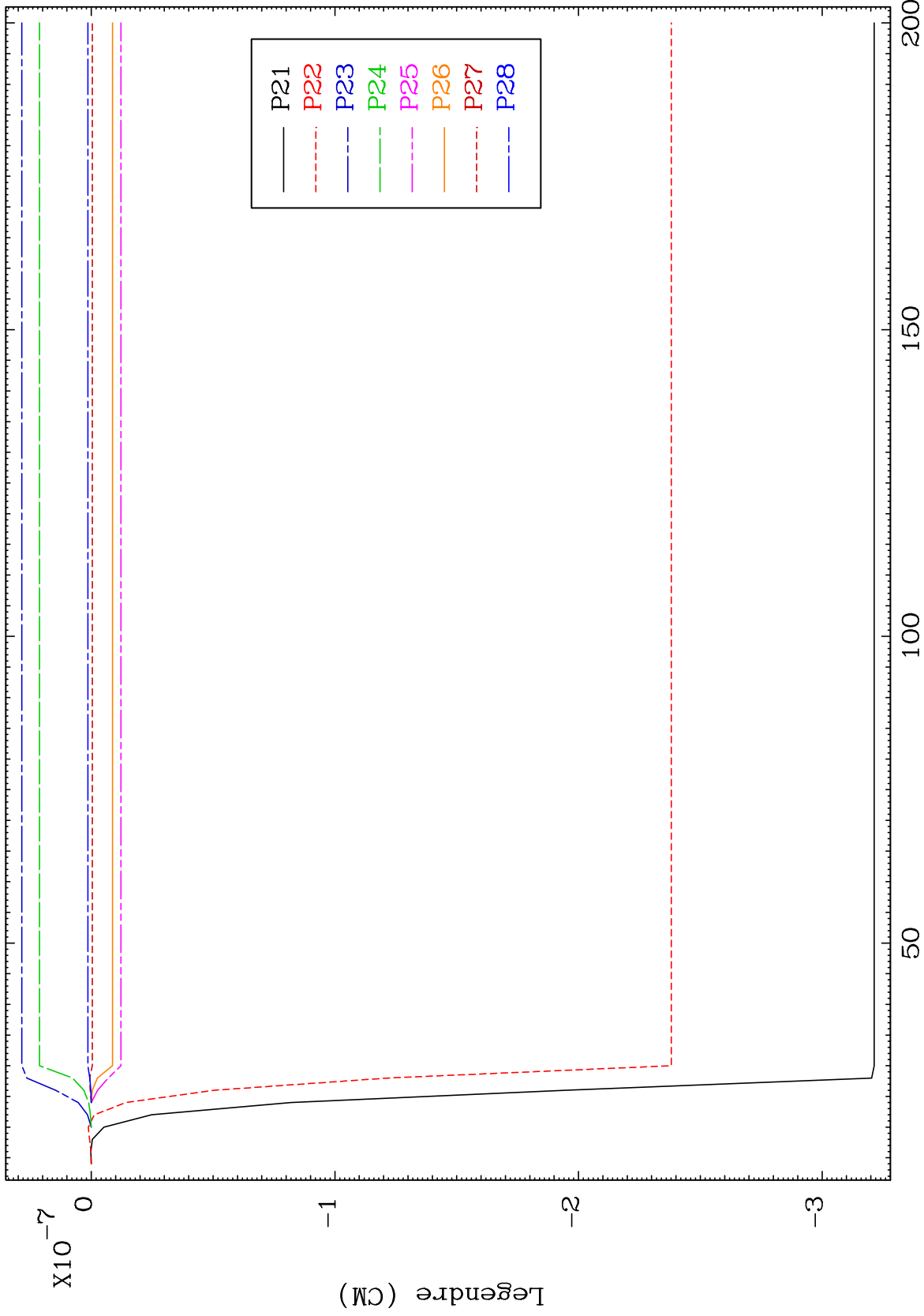
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58

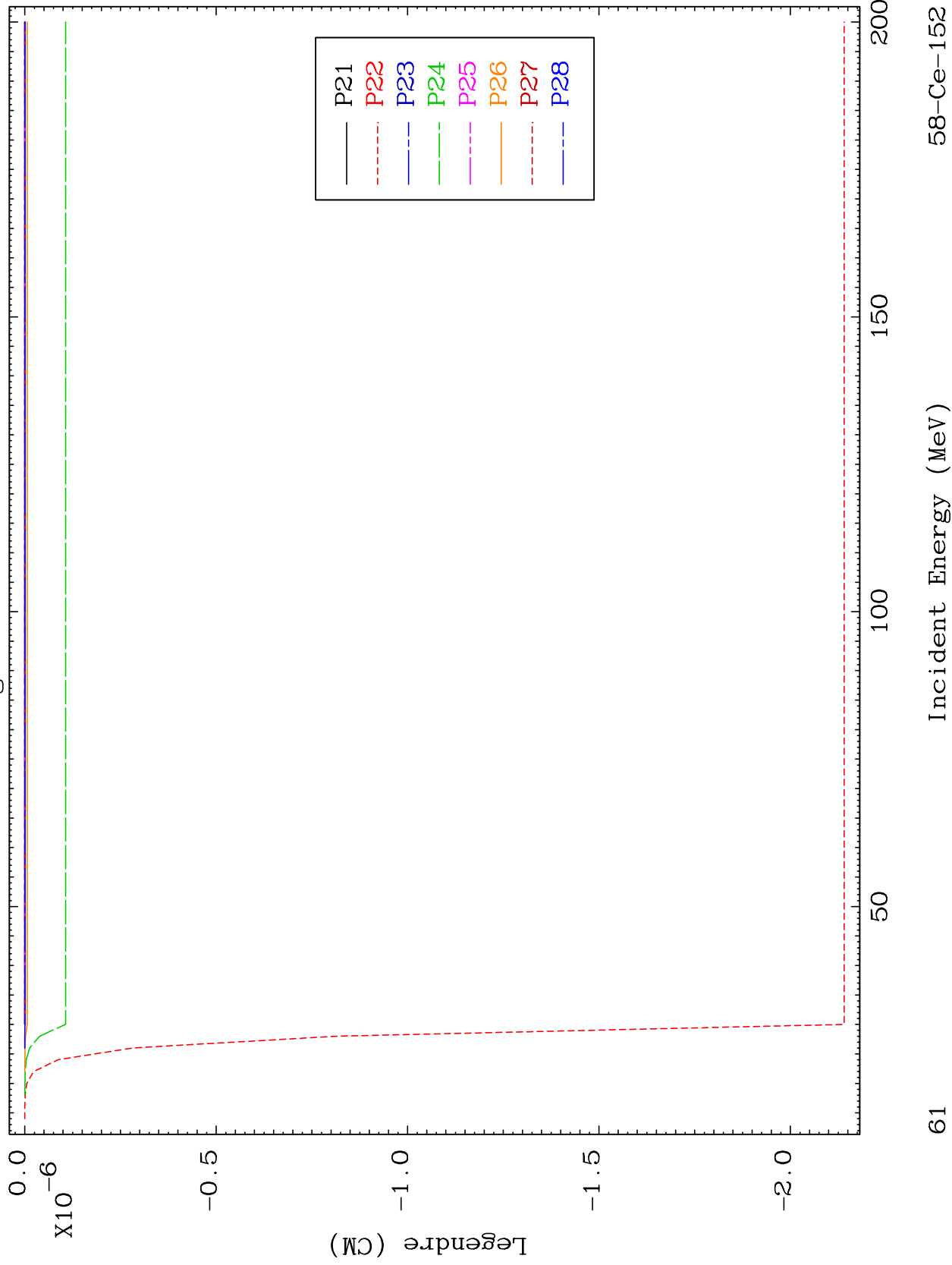
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

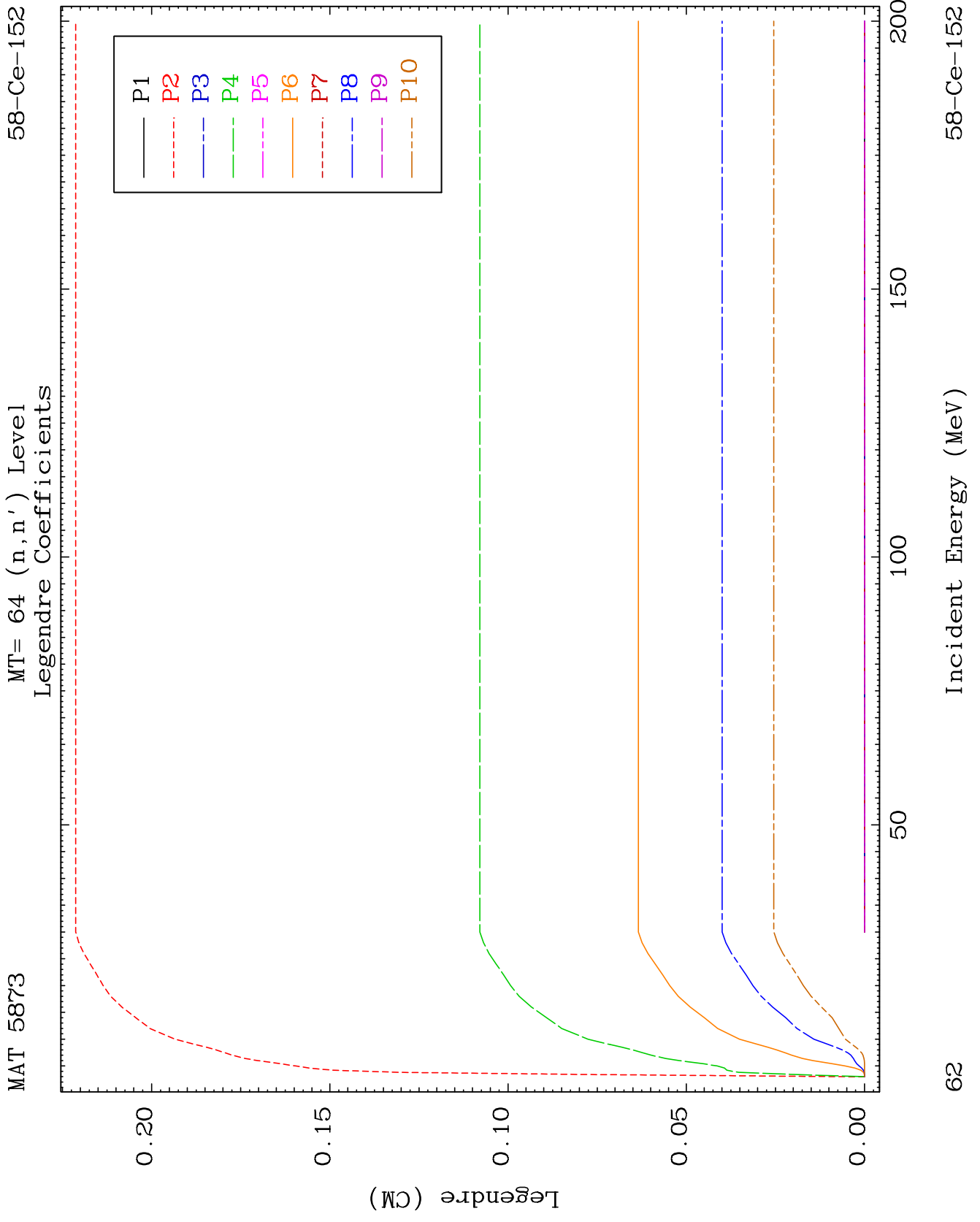
58-Ce-152



61

Incident Energy (MeV)

58-Ce-152

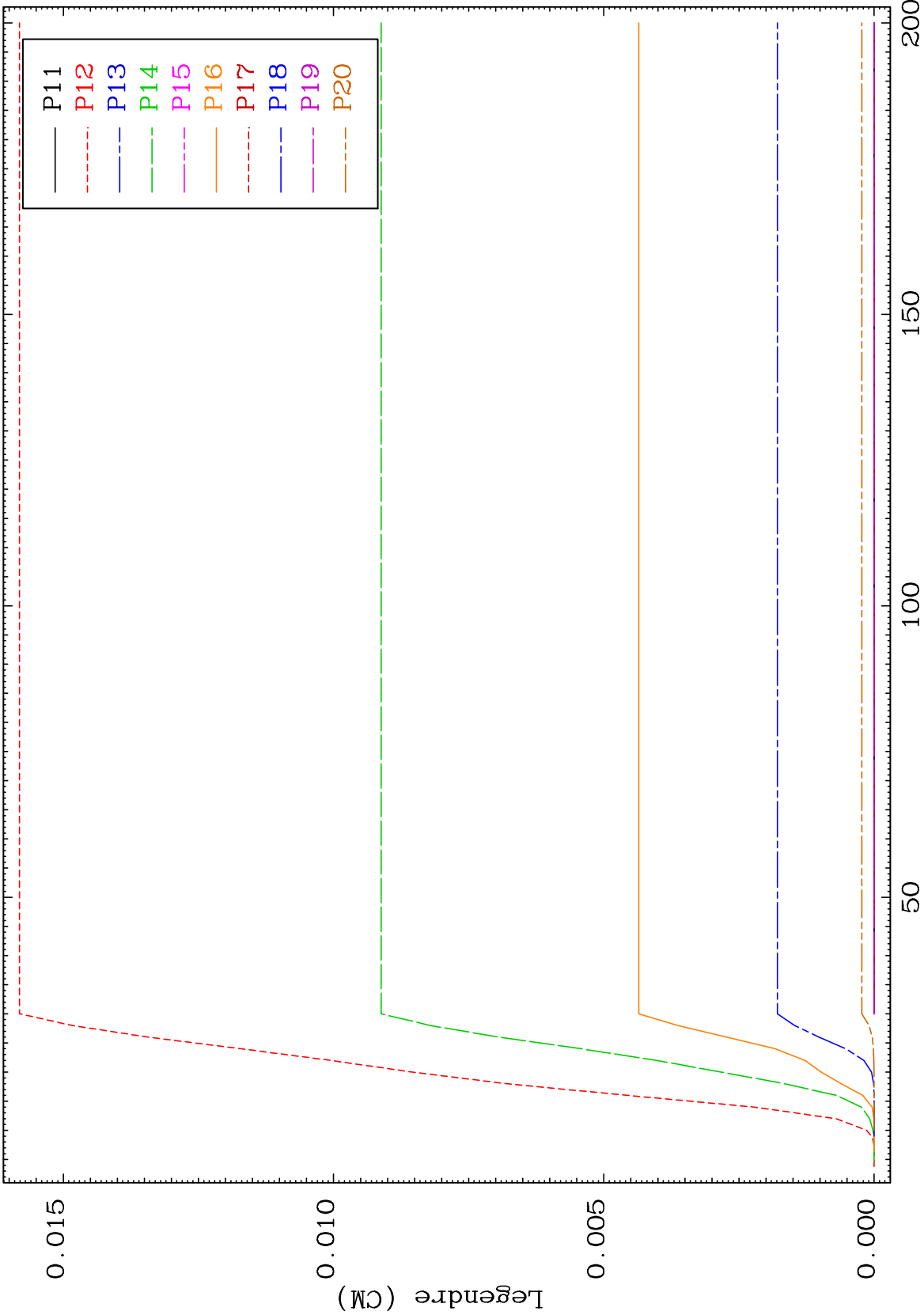


MAT 5873

MT= 64 (n,n') Level

58-Ce-152

Legendre Coefficients



63

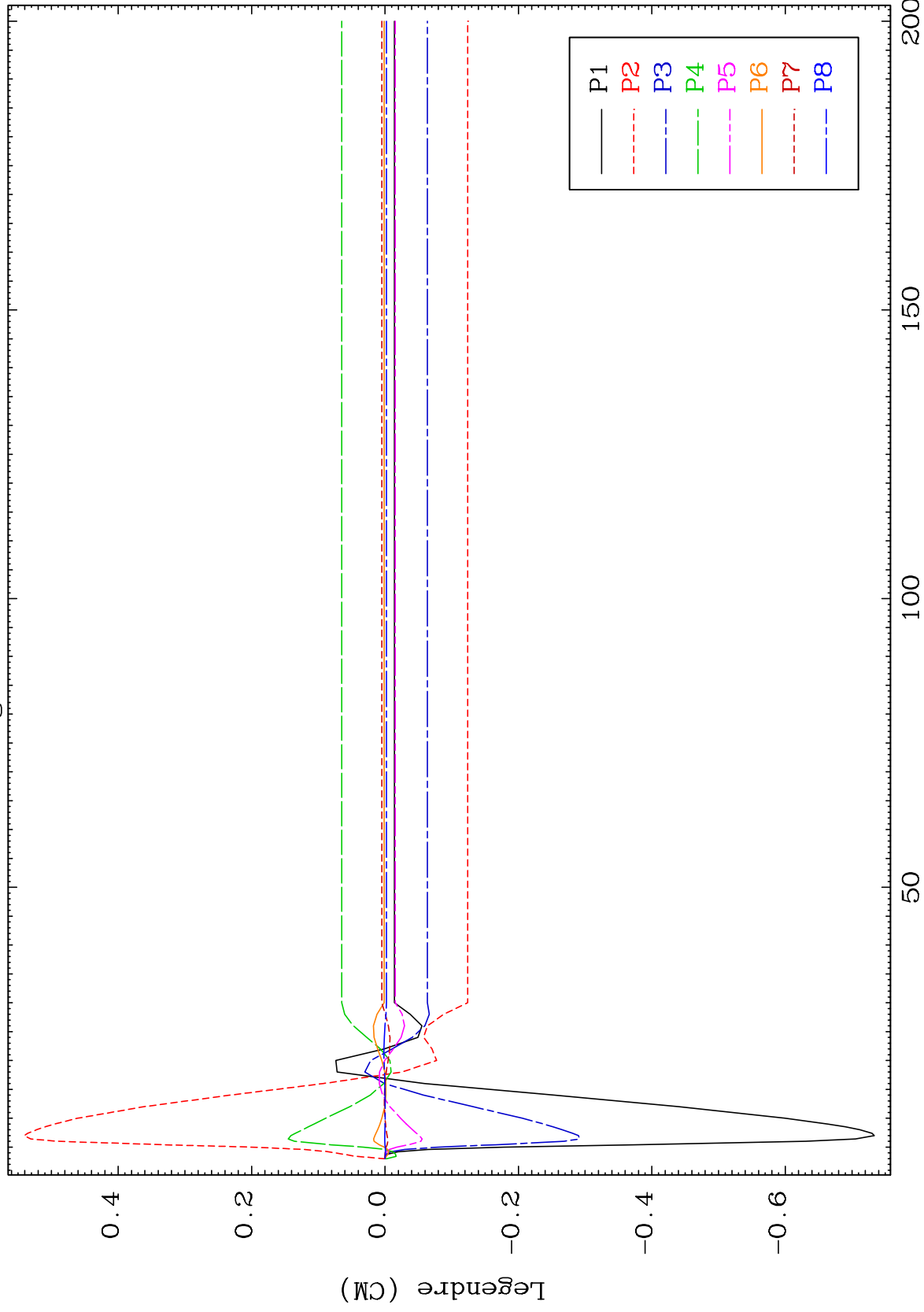
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



65

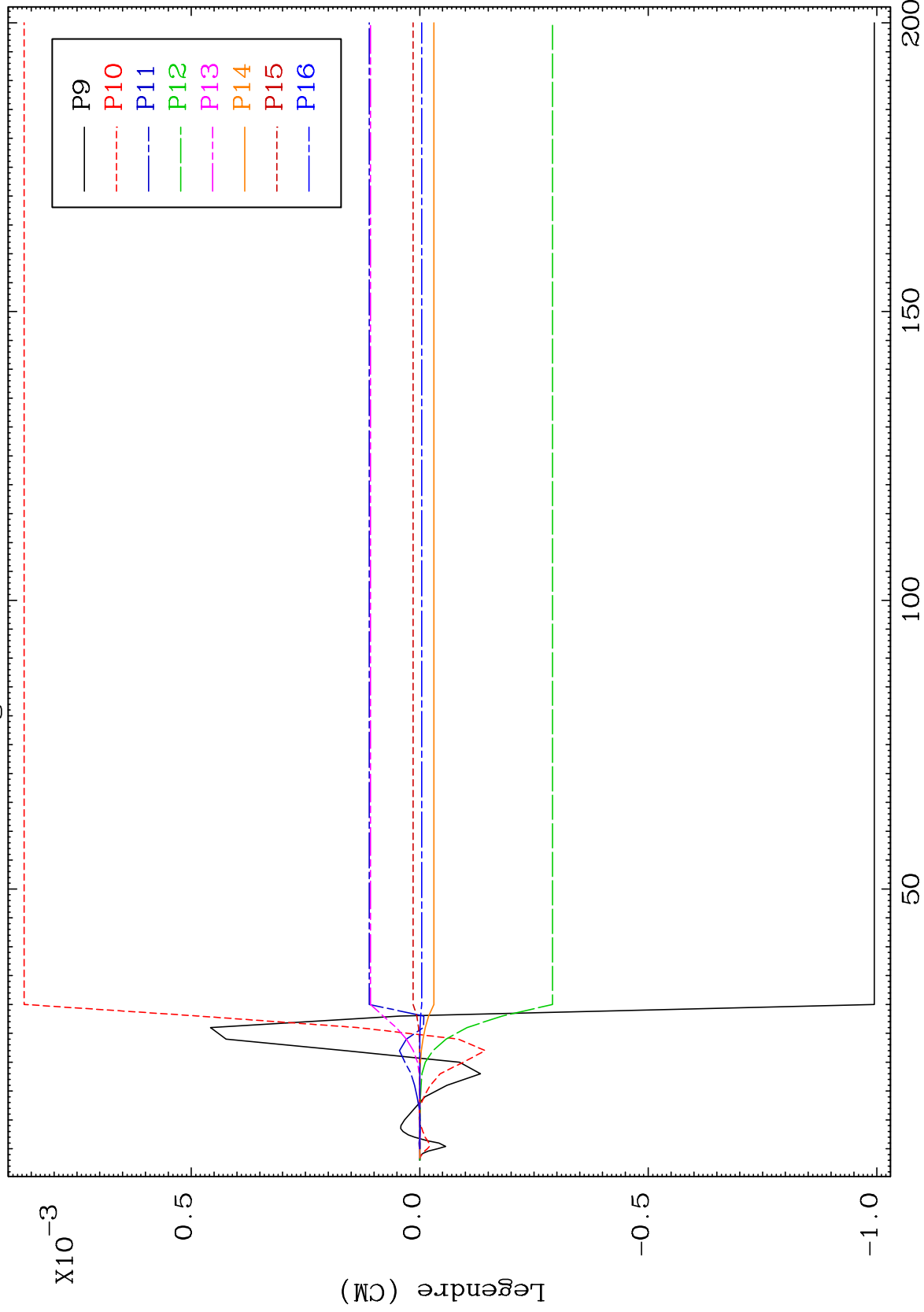
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



66

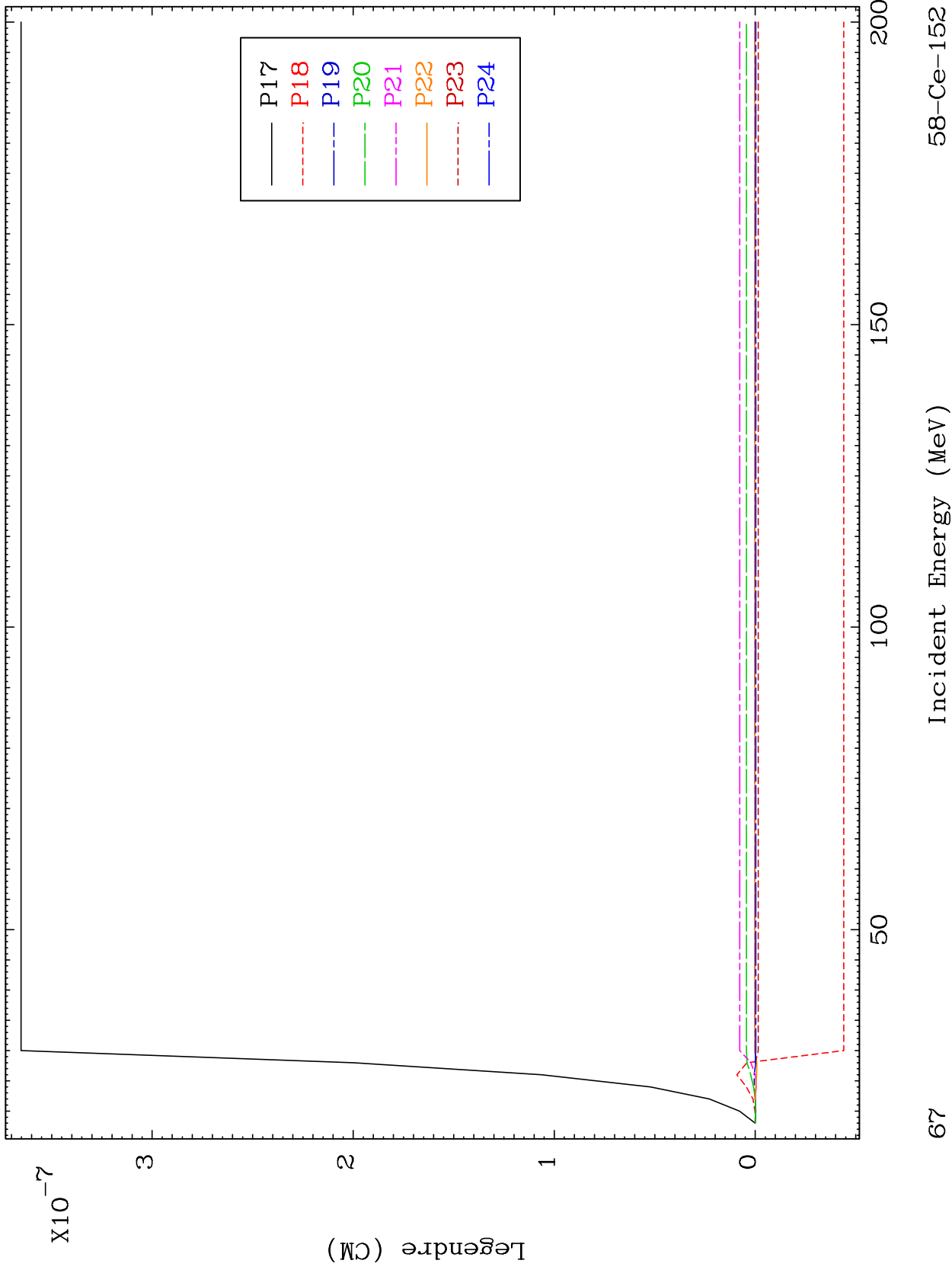
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



67

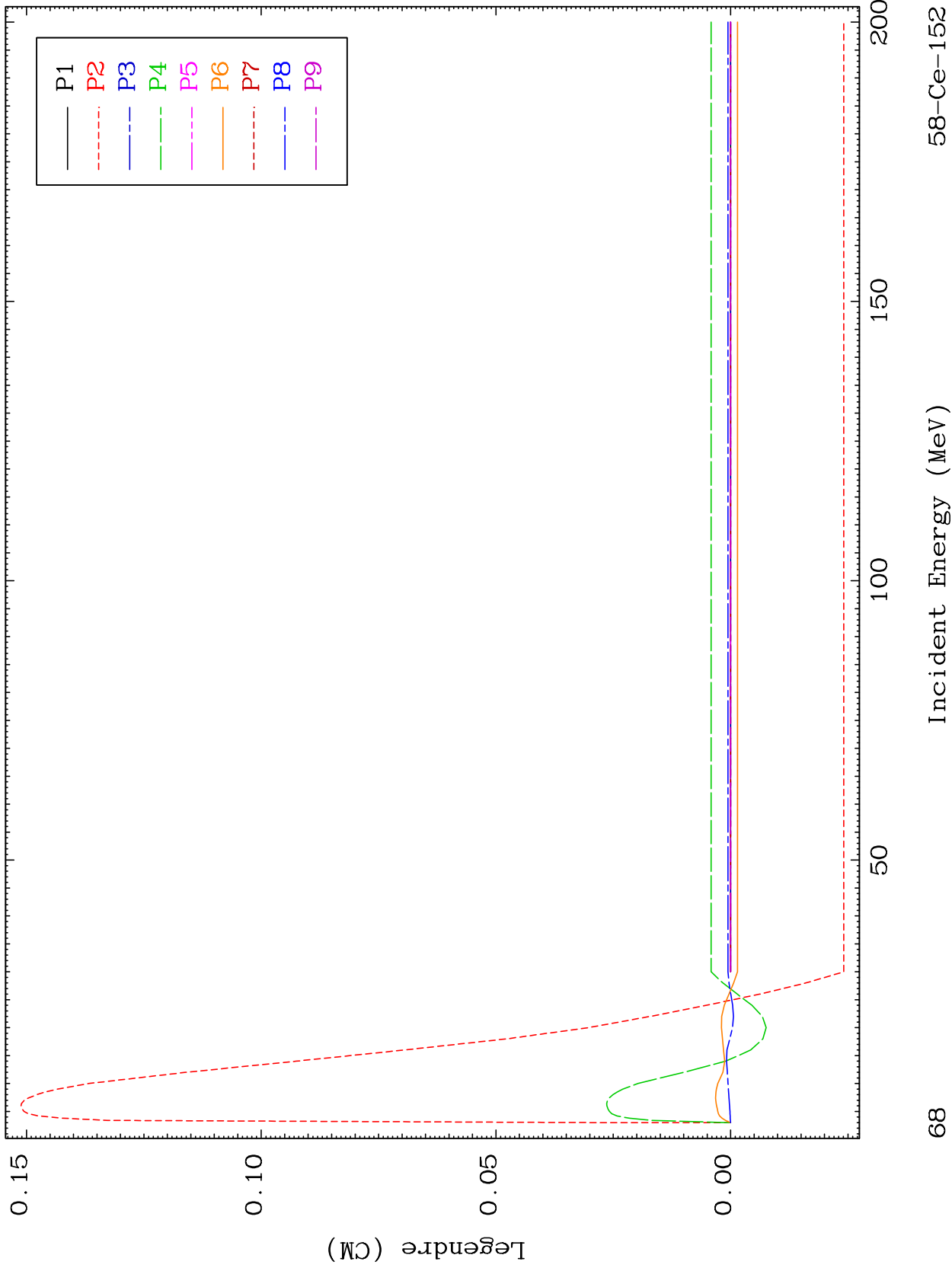
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

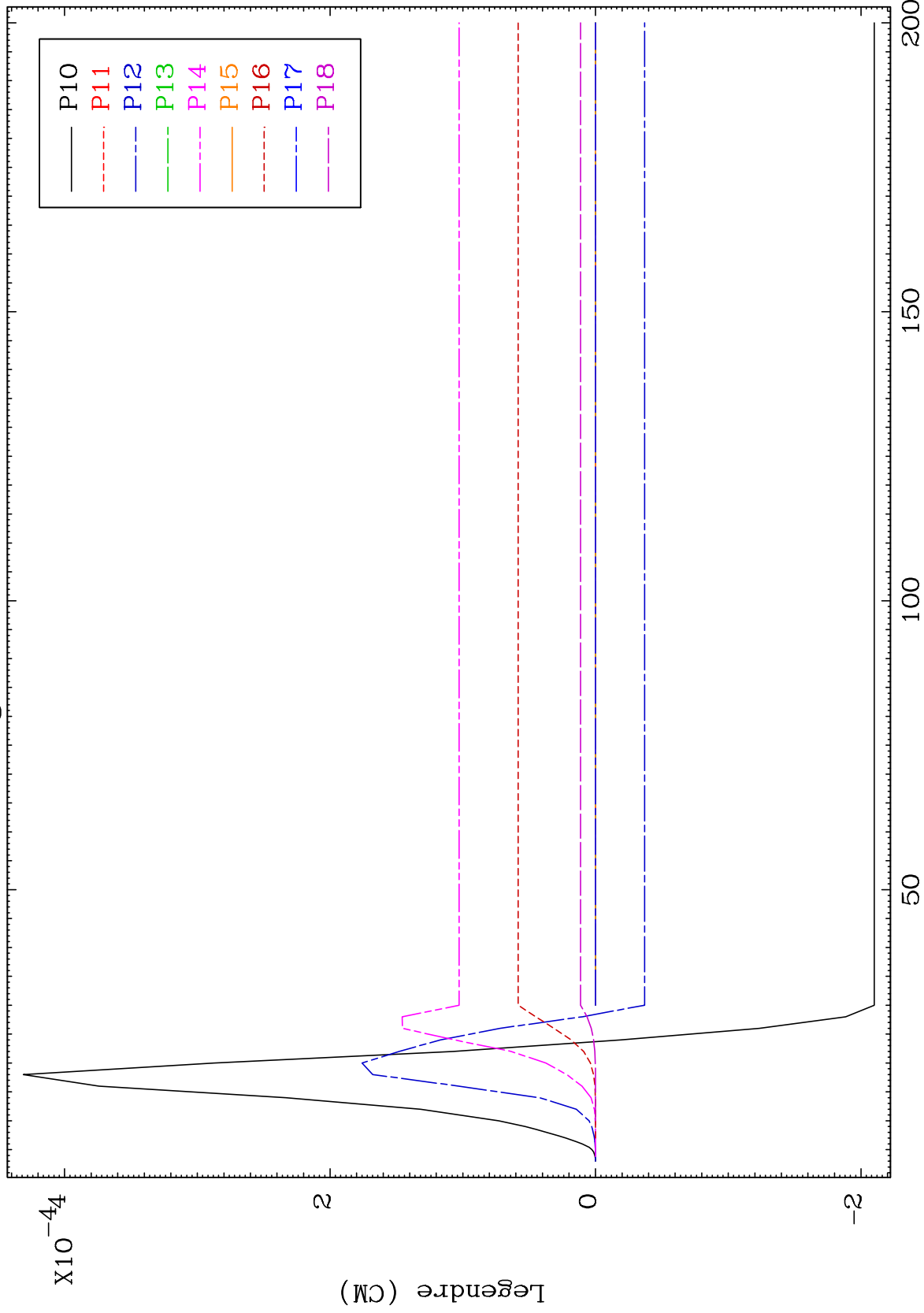


68

MAT 5873

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

58-Ce-152



69

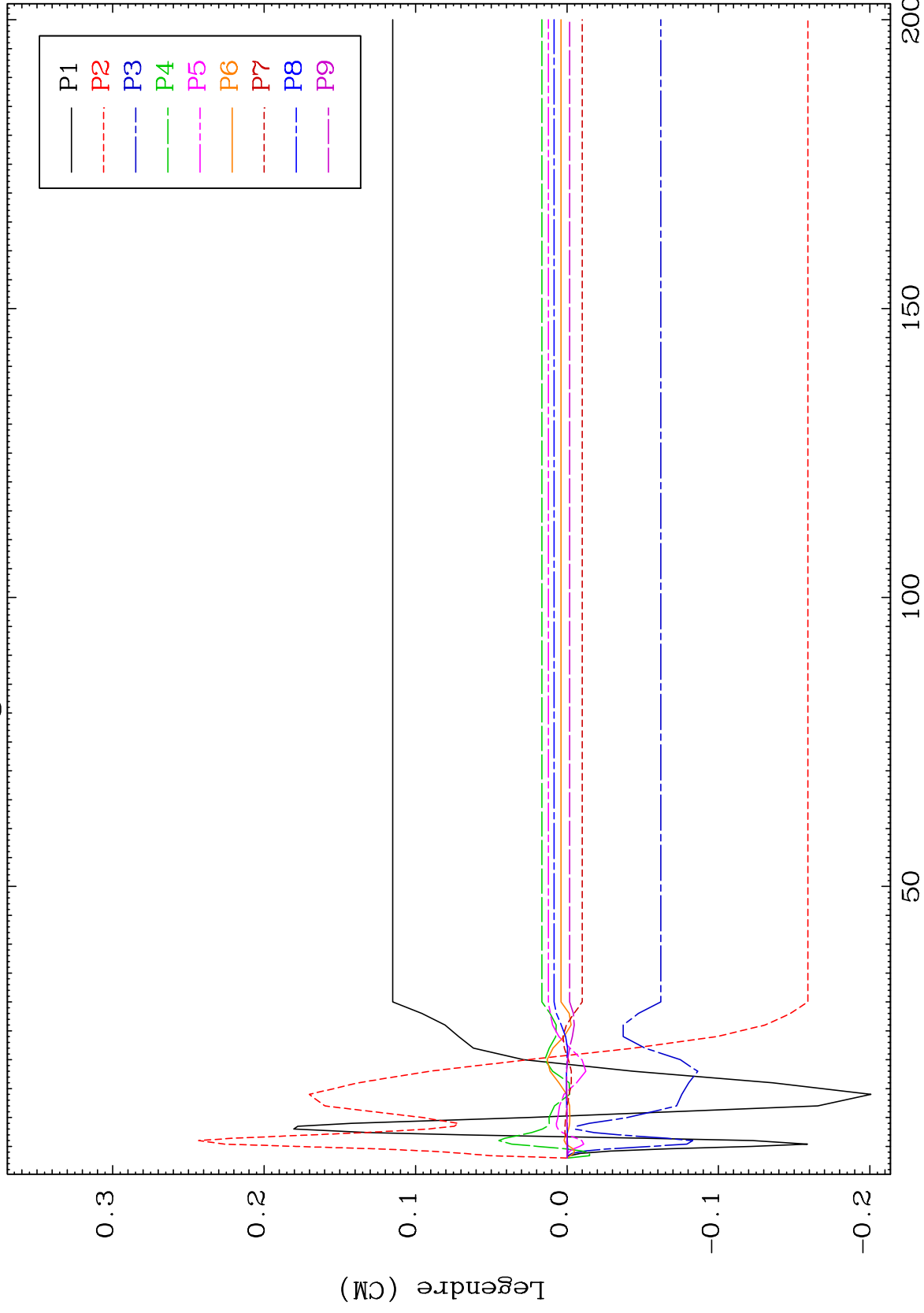
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



71

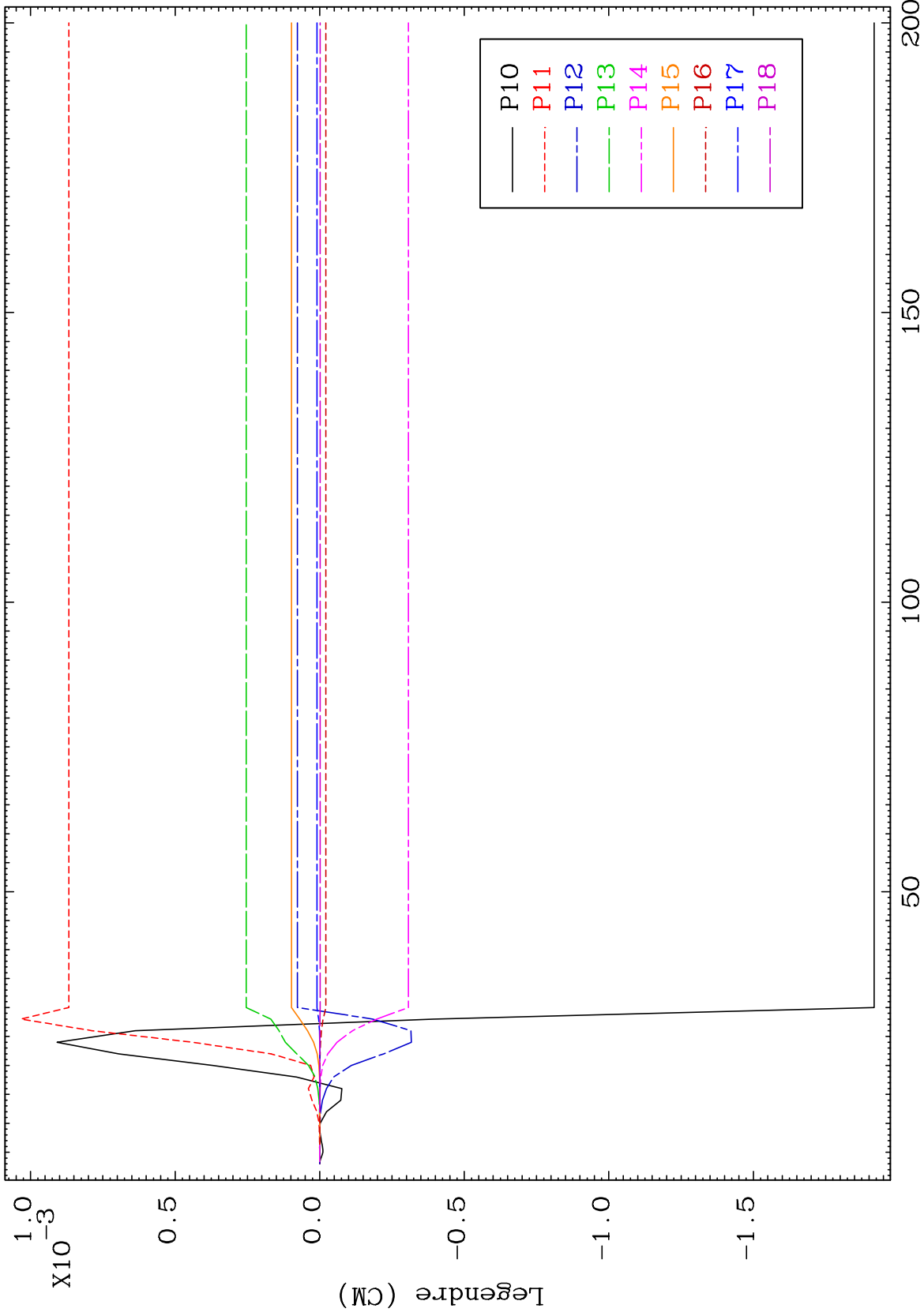
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



72

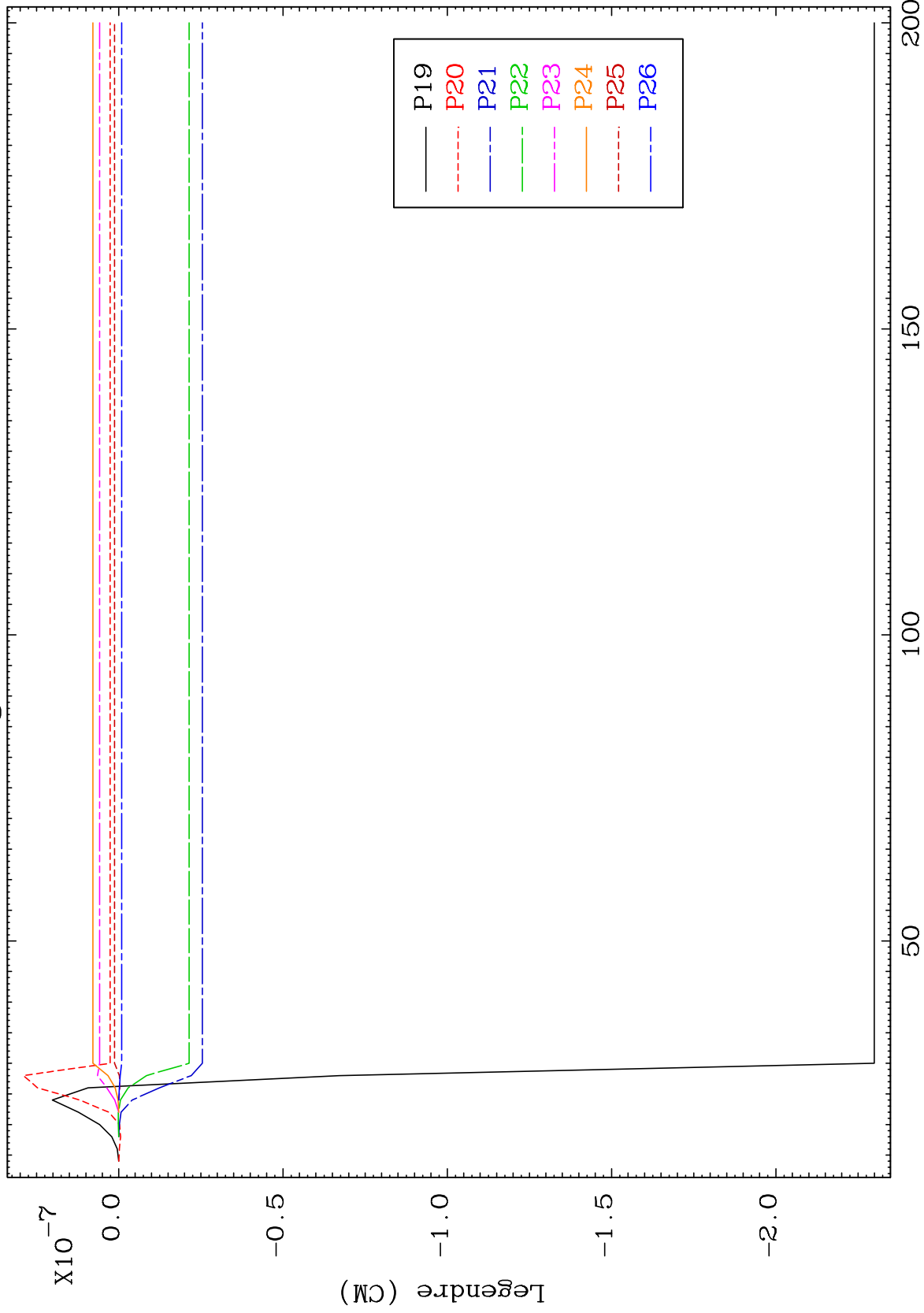
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



73

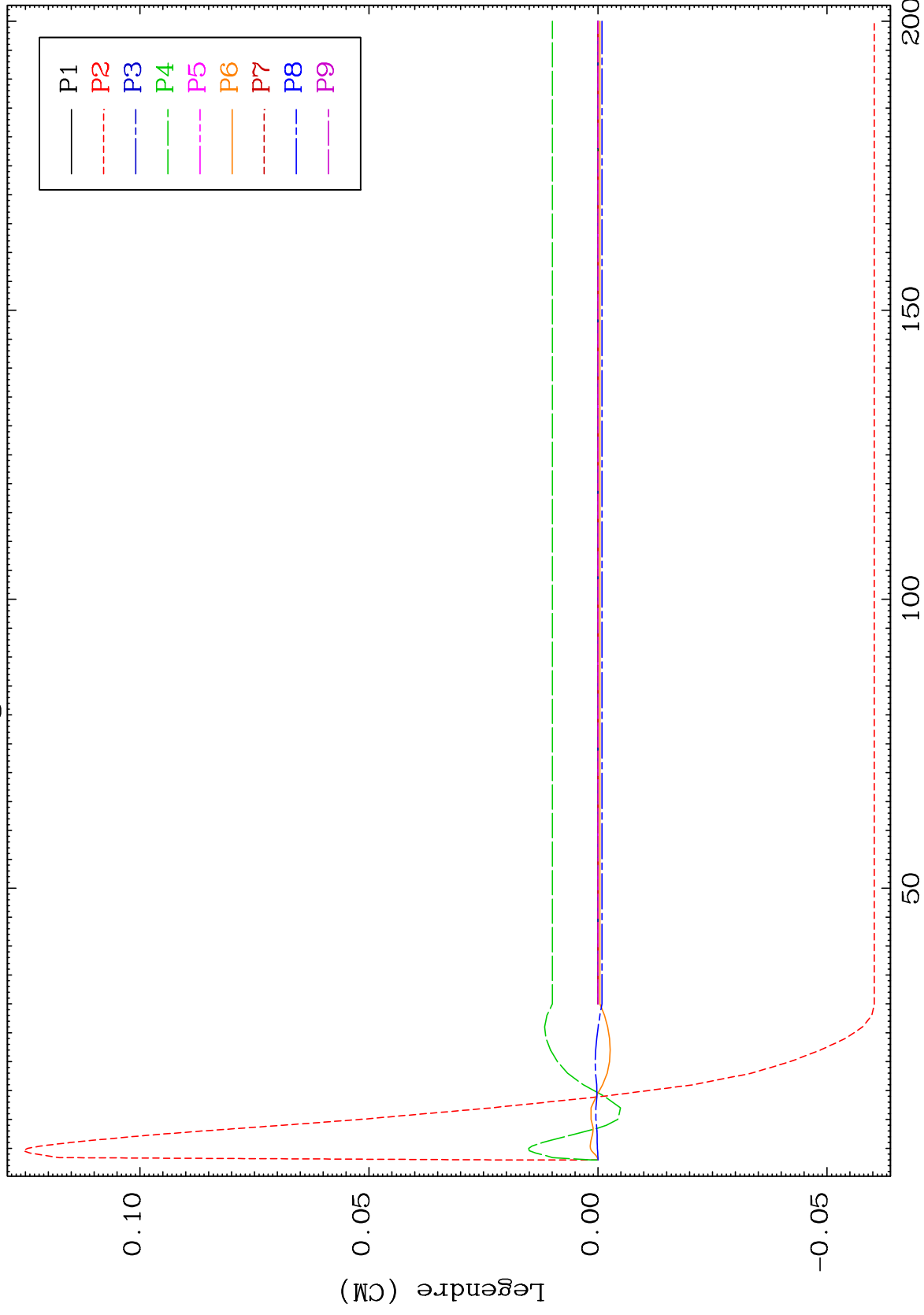
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



74

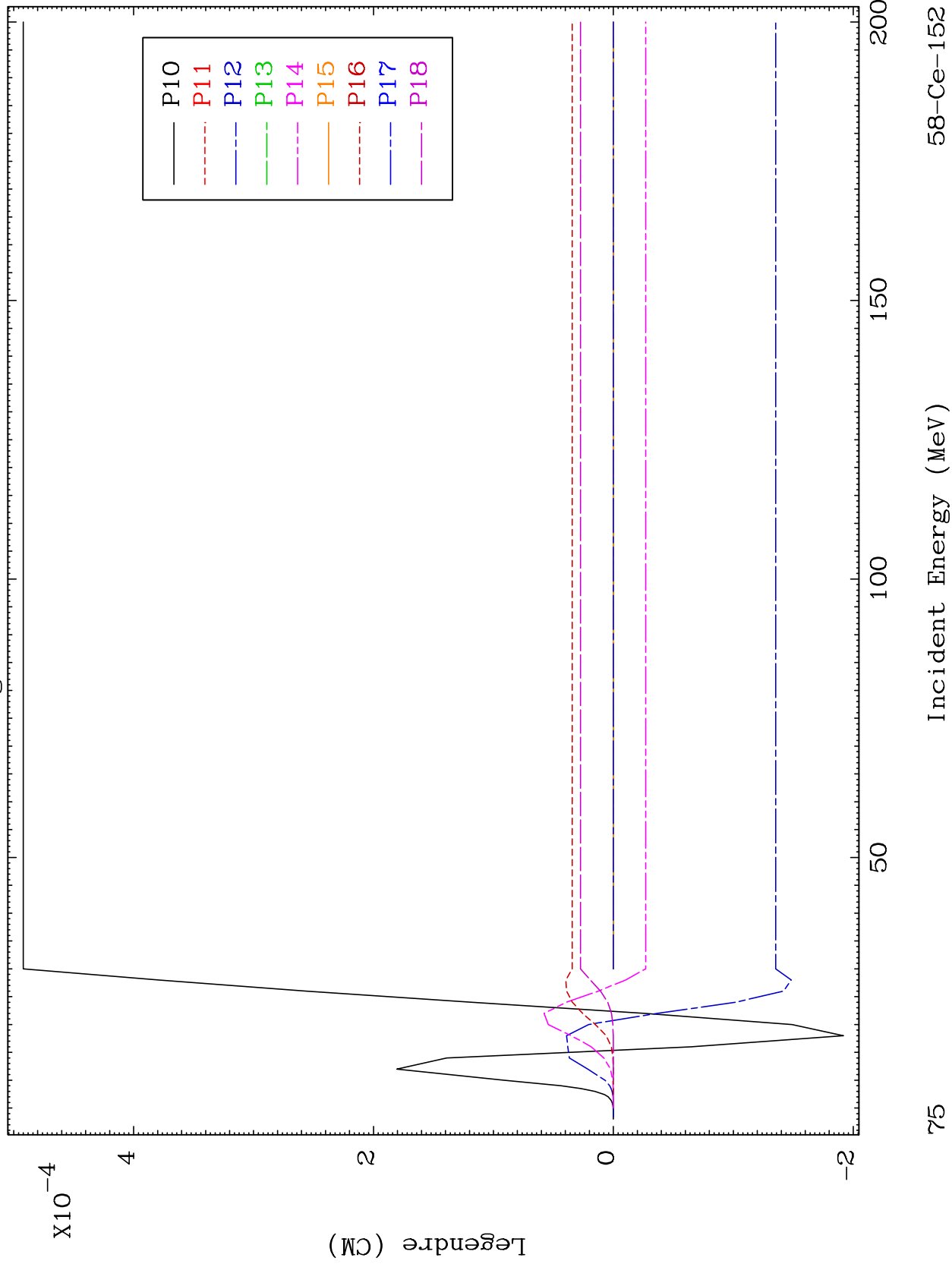
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

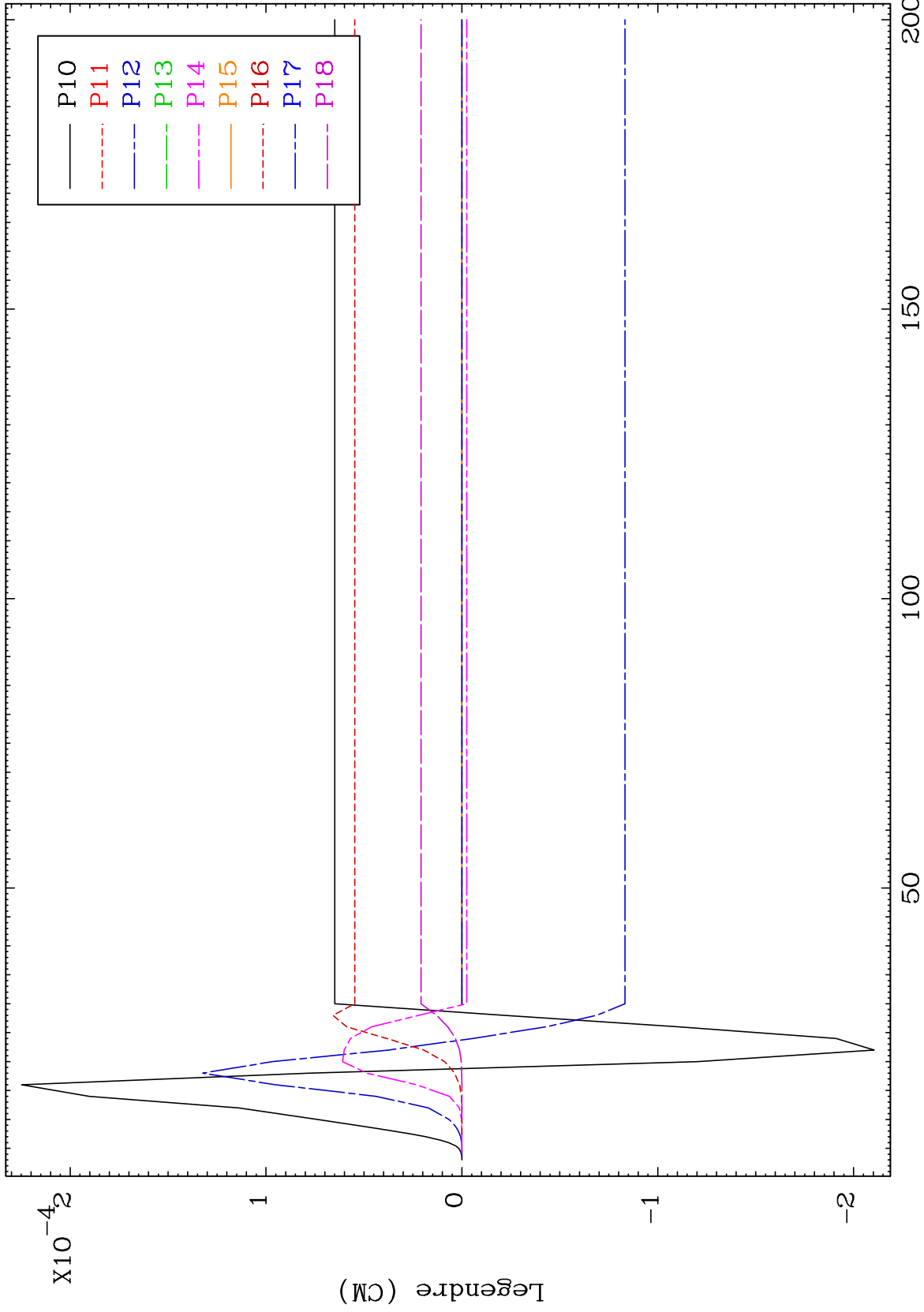
58-Ce-152



MAT 5873

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

58-Ce-152



78

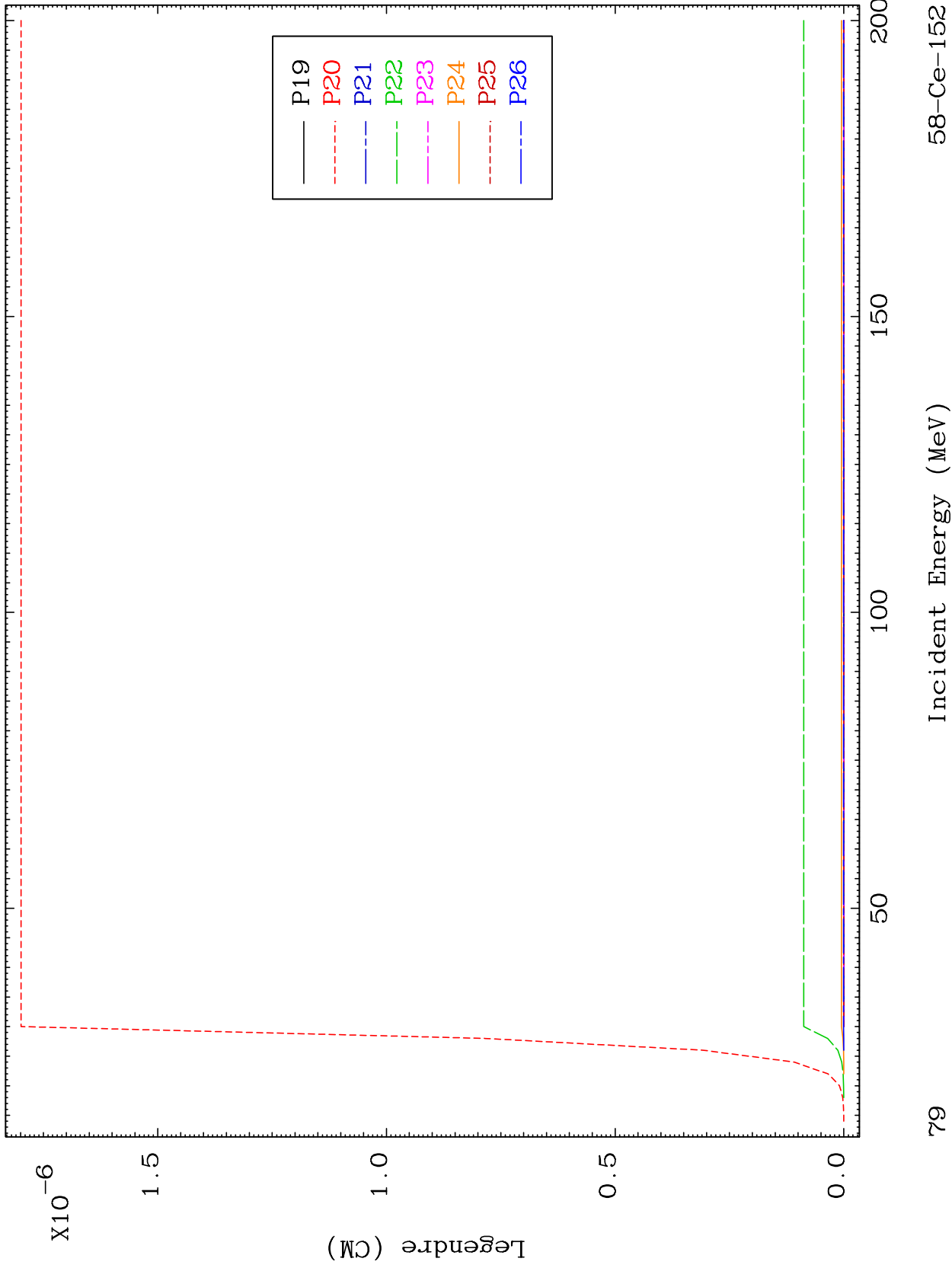
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



79

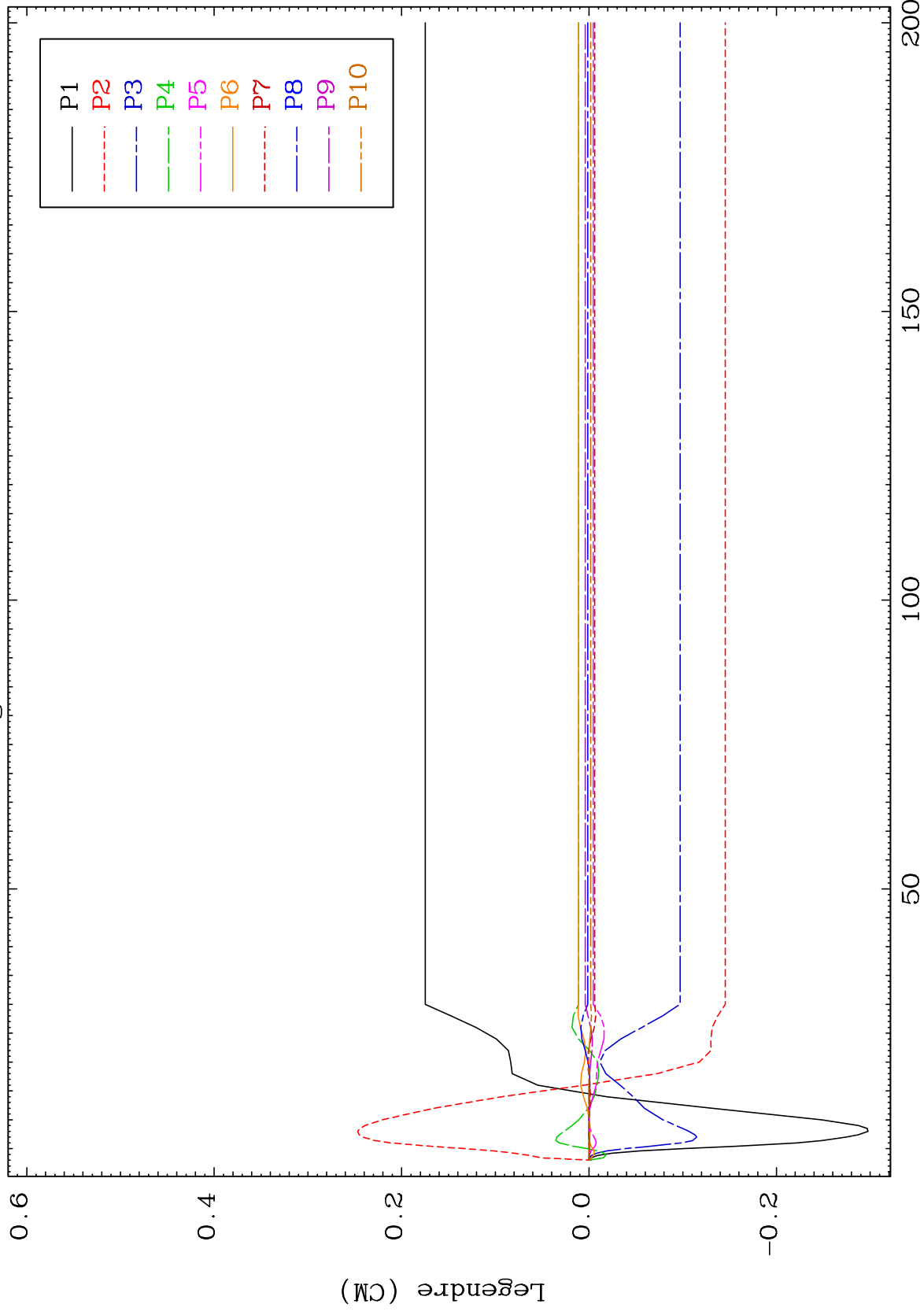
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



80

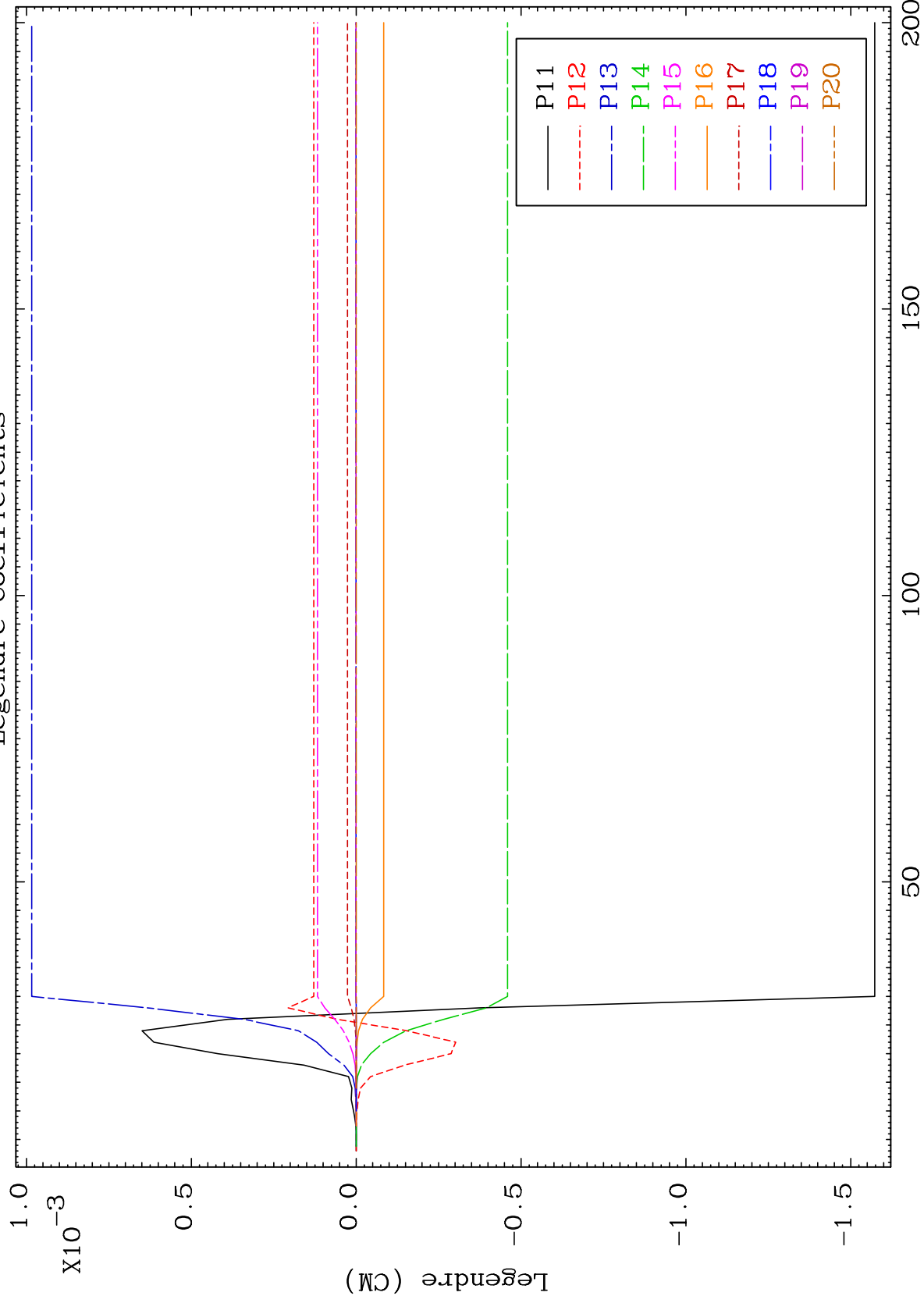
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



81

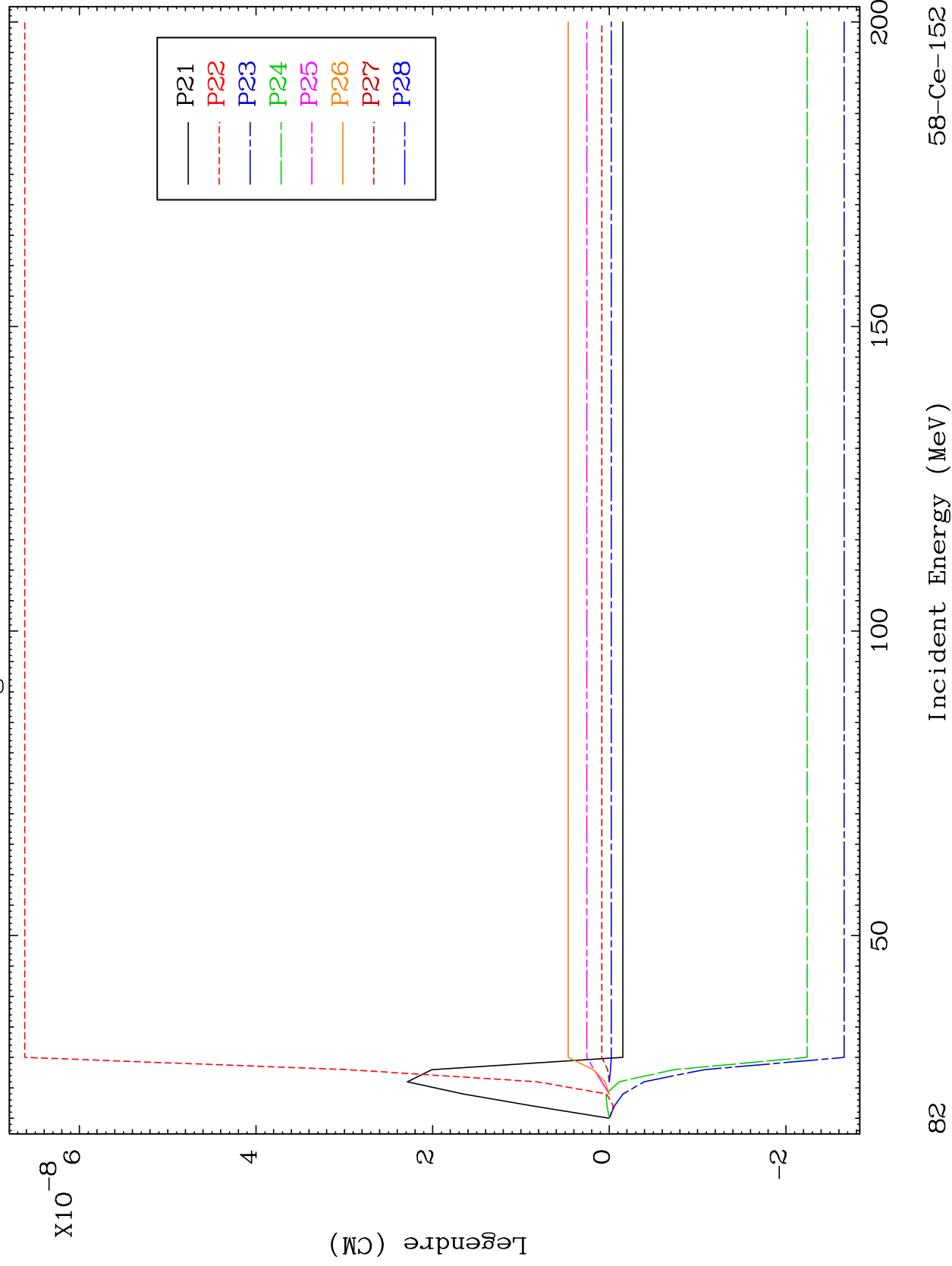
Incident Energy (MeV)

58-Ce-152

MAT 5873

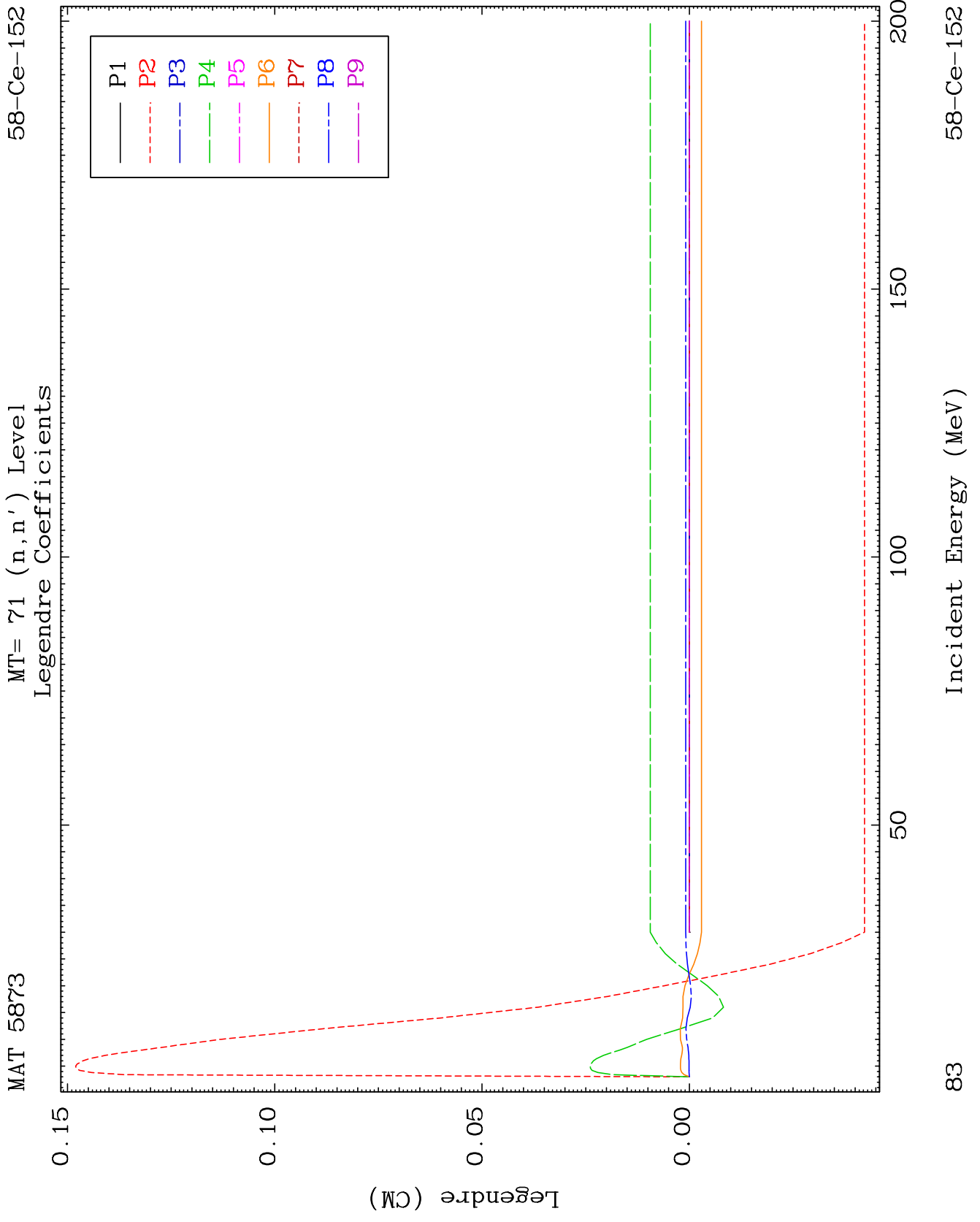
MT= 70 (n,n') Level
Legendre Coefficients

58-Ce-152



82

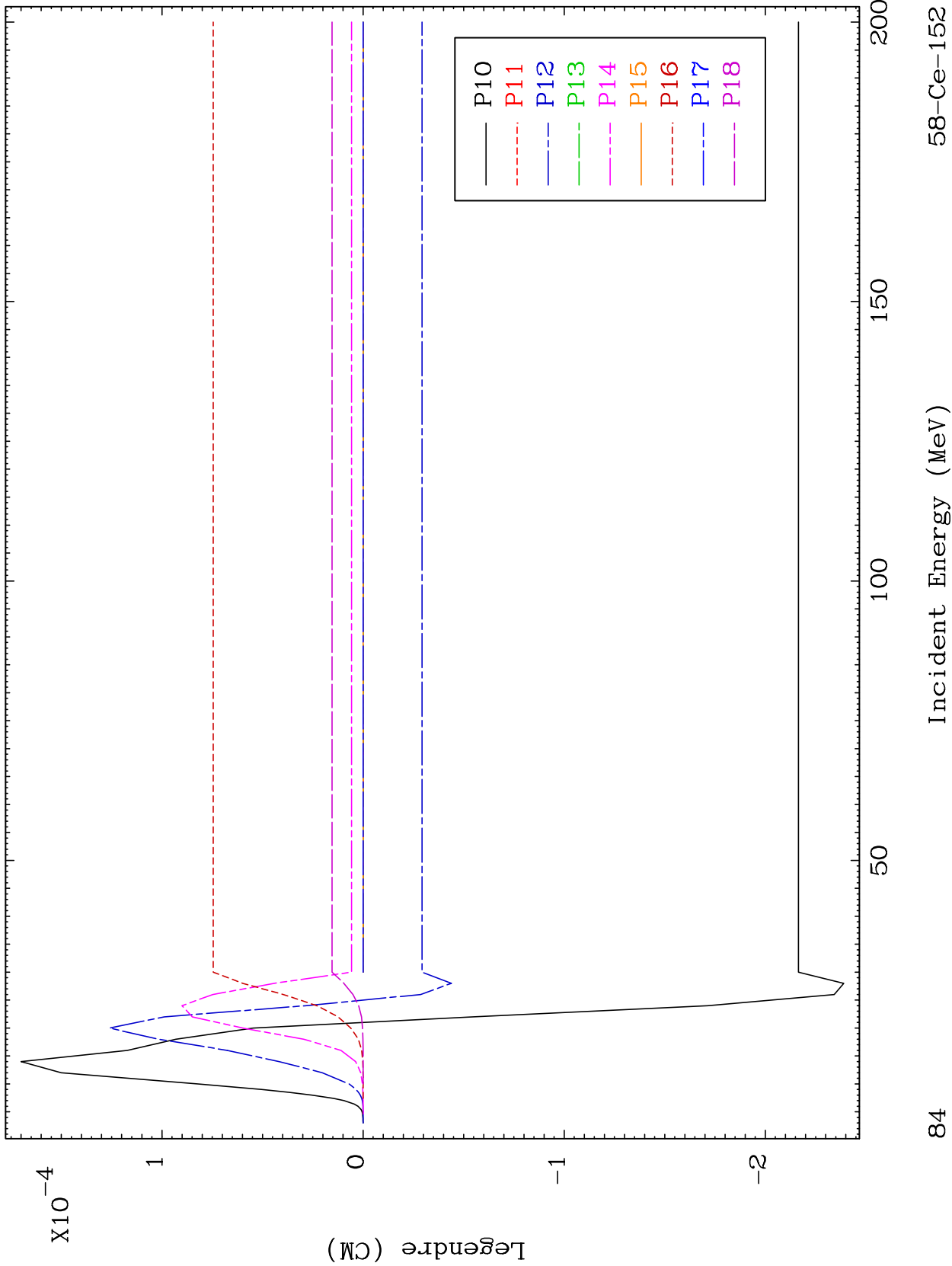
58-Ce-152



MAT 5873

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

58-Ce-152



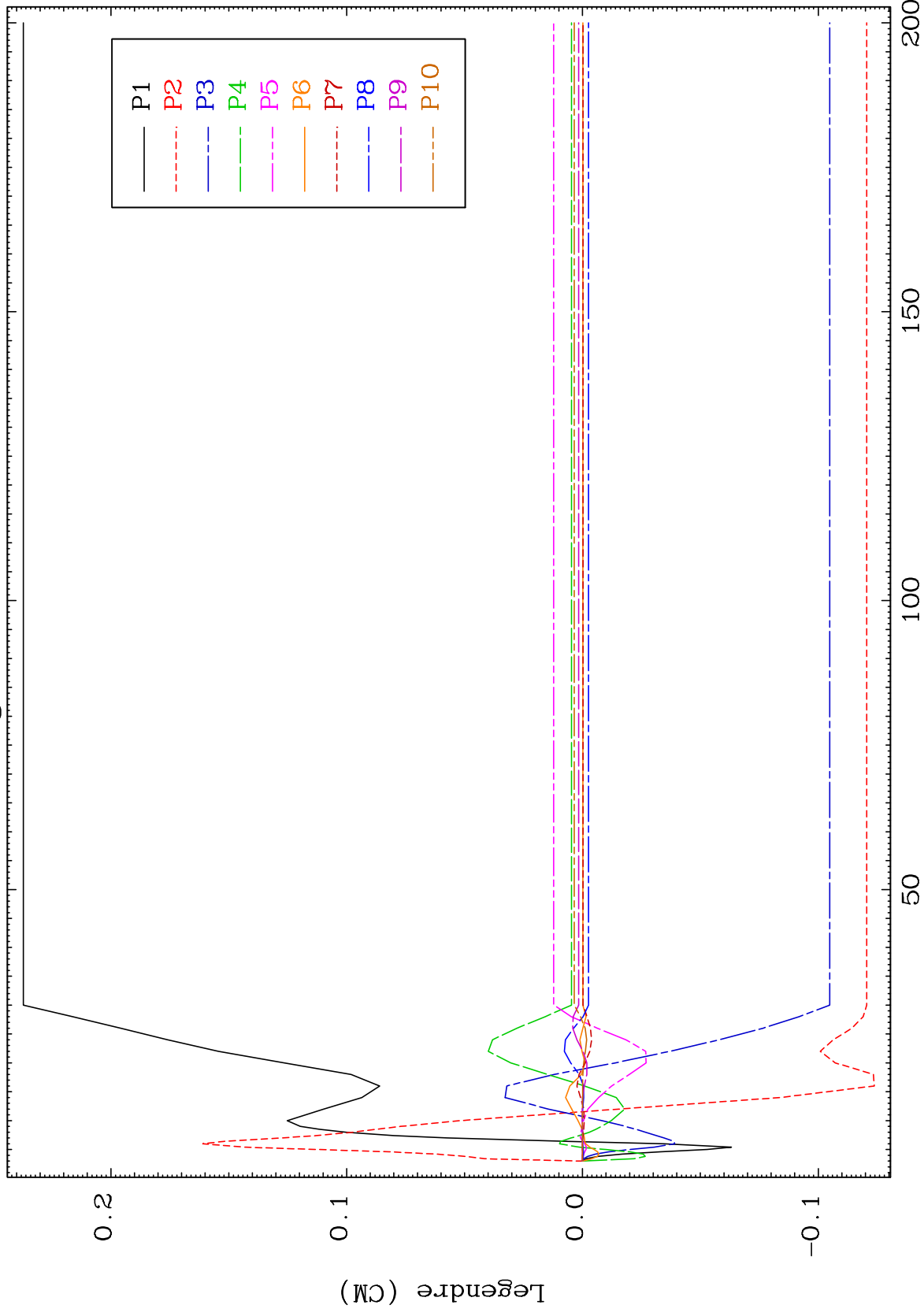
84

58-Ce-152

MAT 5873

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

58-Ce-152



86

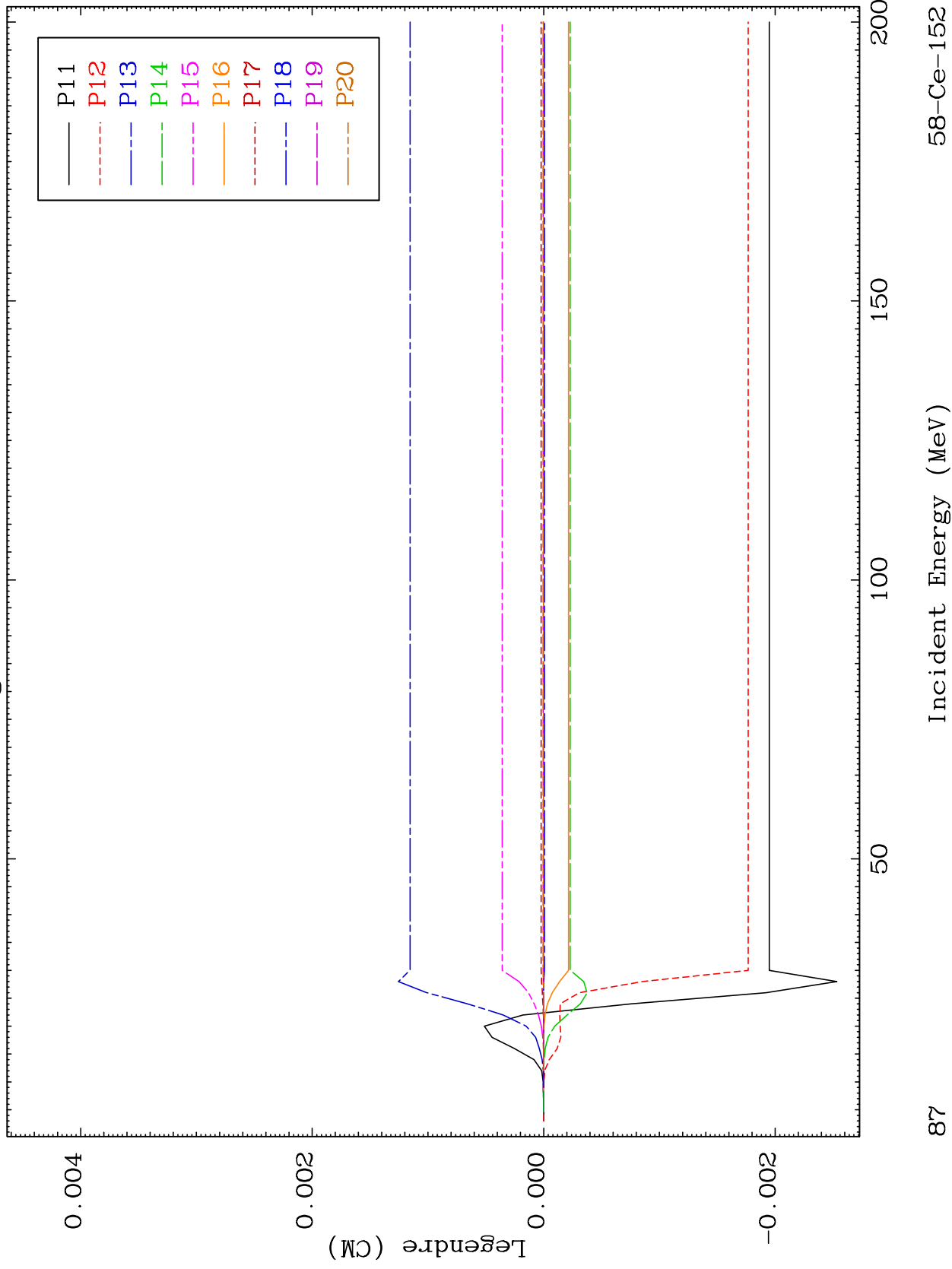
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



87

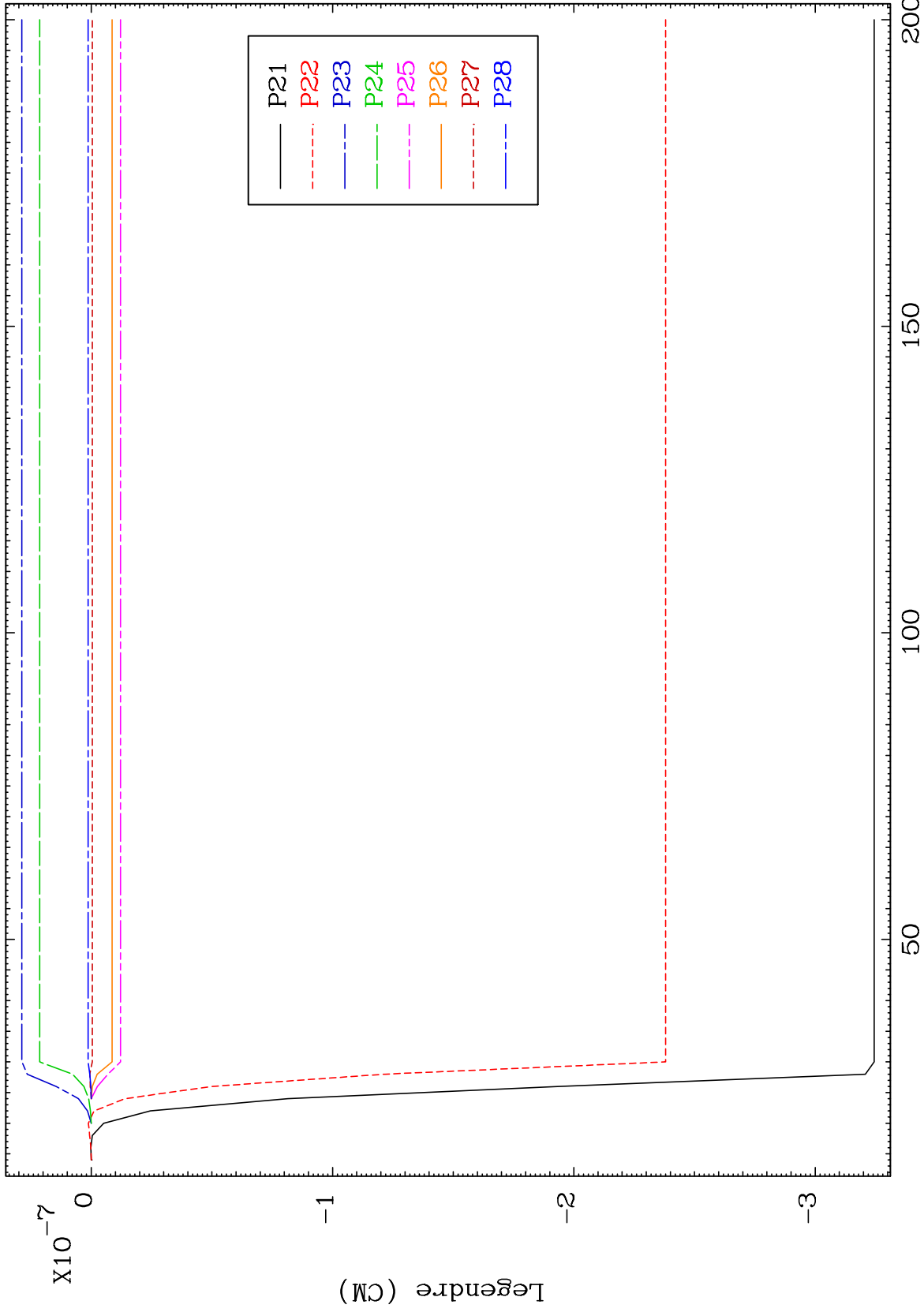
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

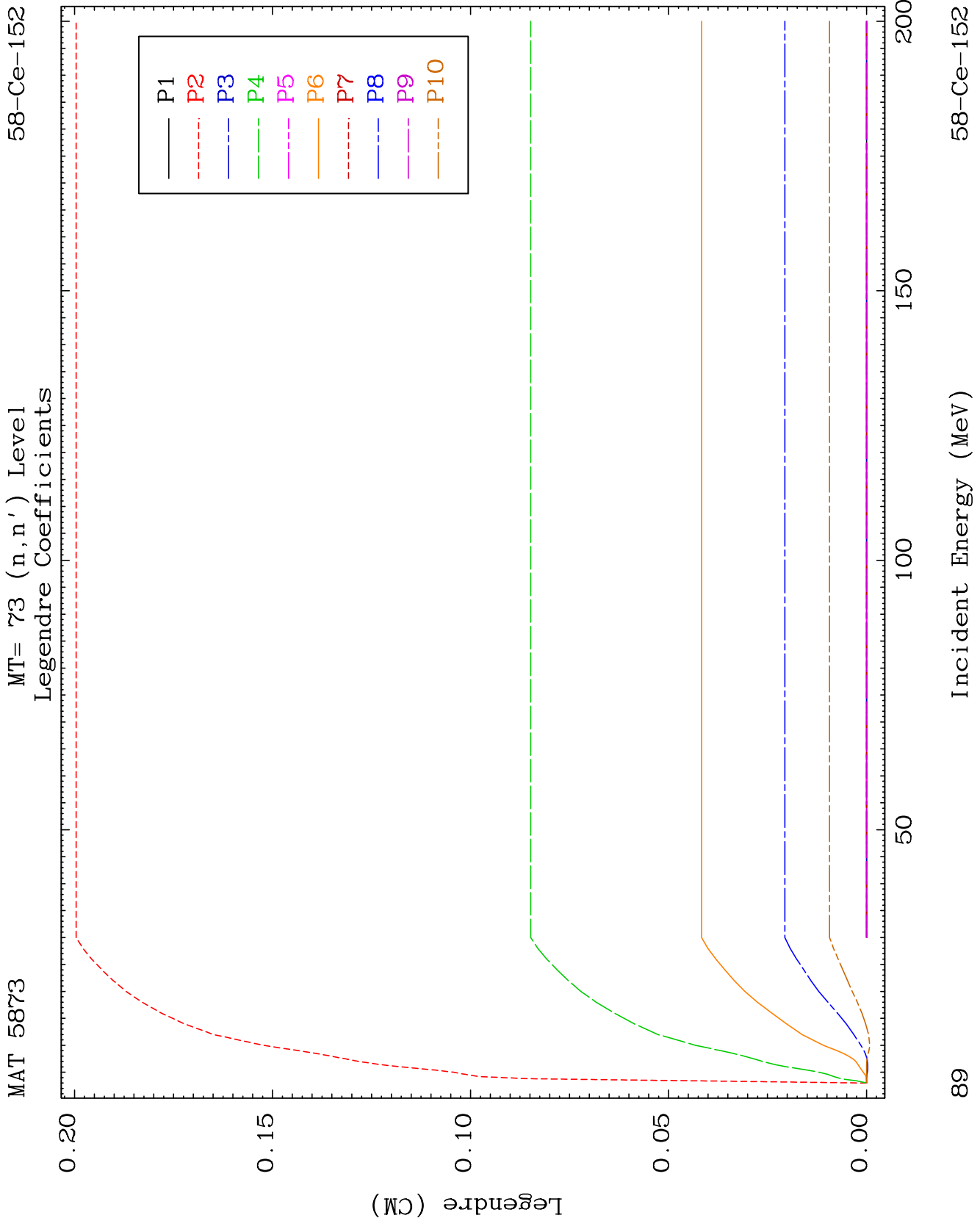
58-Ce-152



88

Incident Energy (MeV)

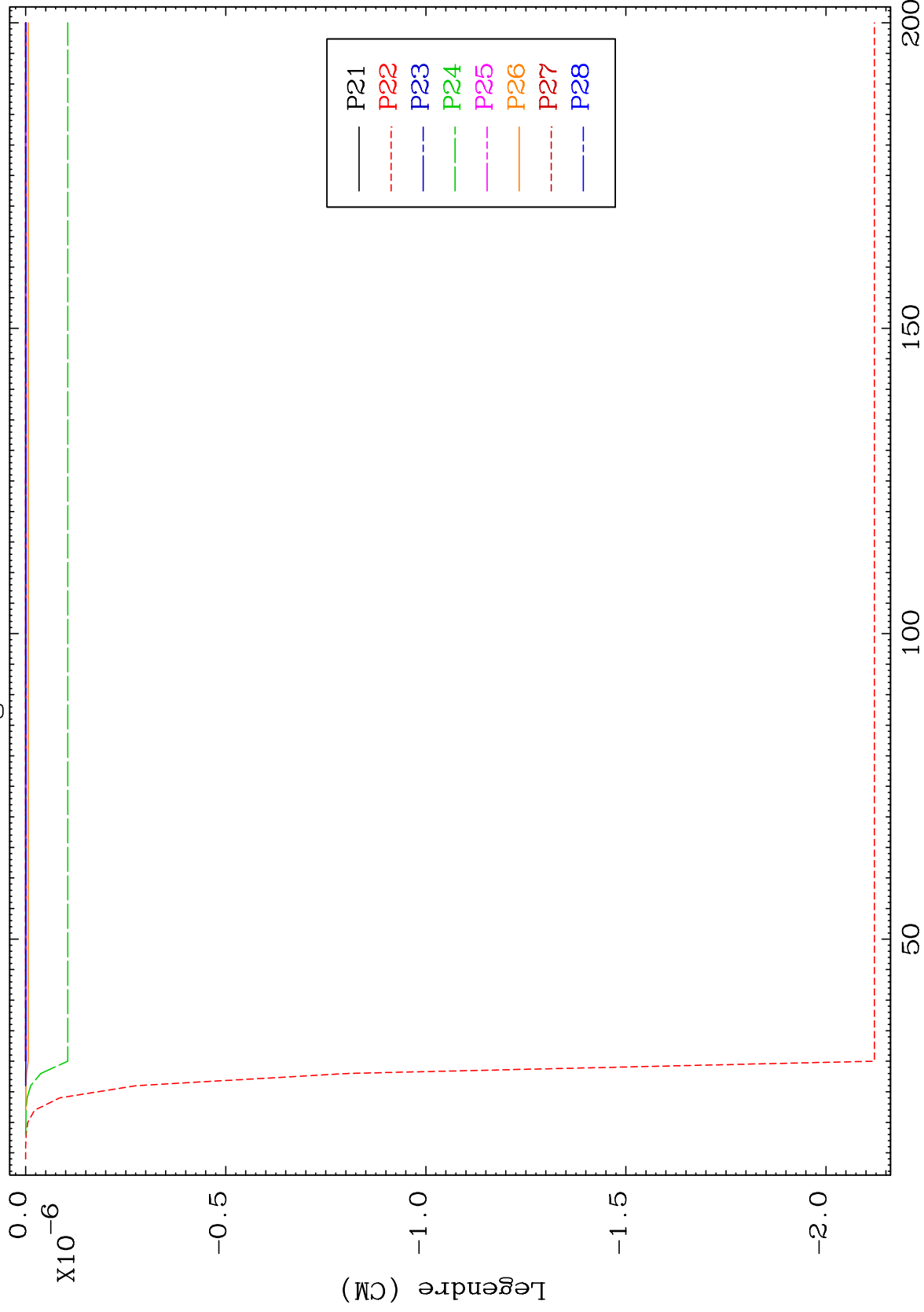
58-Ce-152



MAT 5873

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

58-Ce-152



91

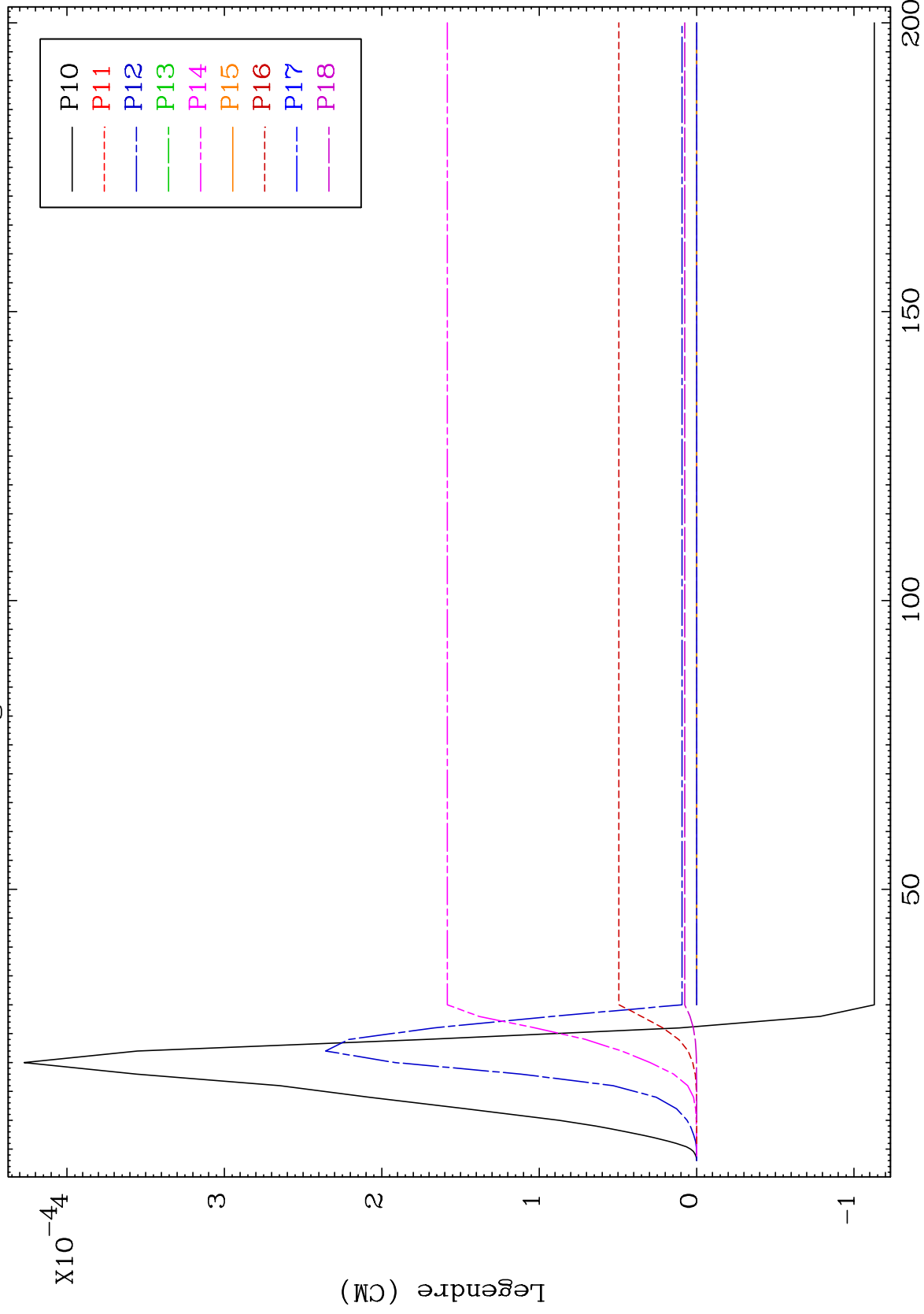
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

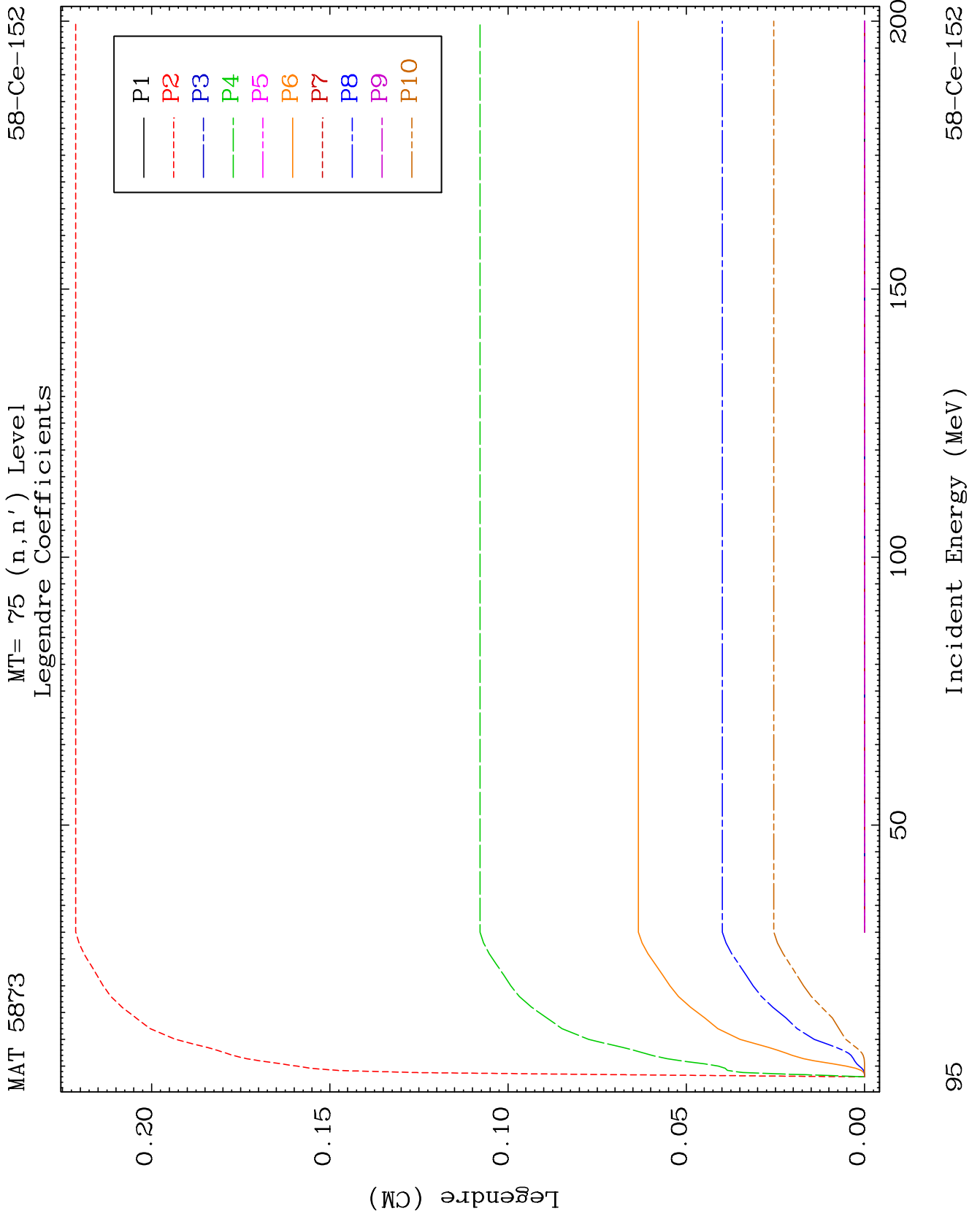
58-Ce-152



93

Incident Energy (MeV)

58-Ce-152

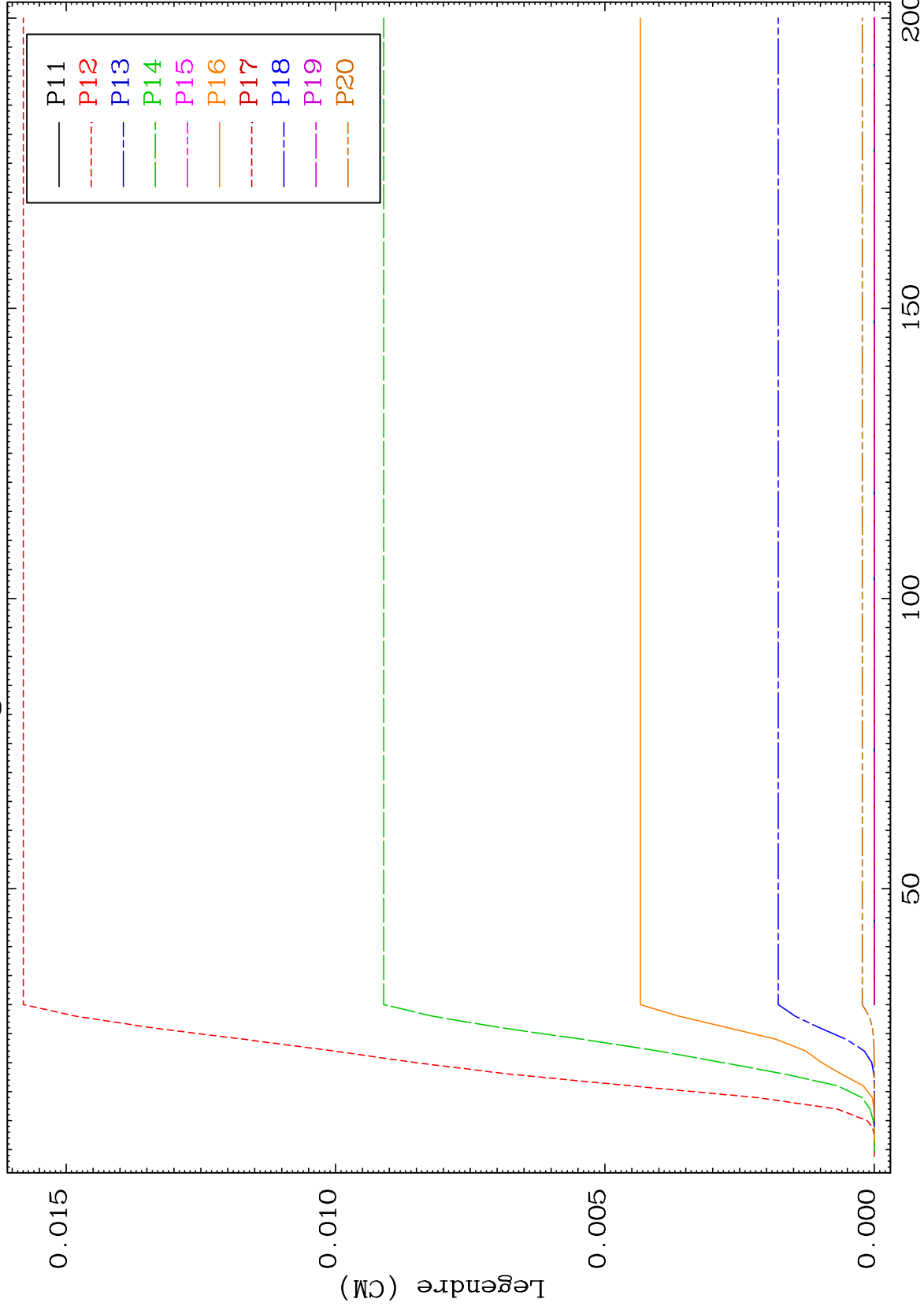


MAT 5873

MT= 75 (n,n') Level

58-Ce-152

Legendre Coefficients



96

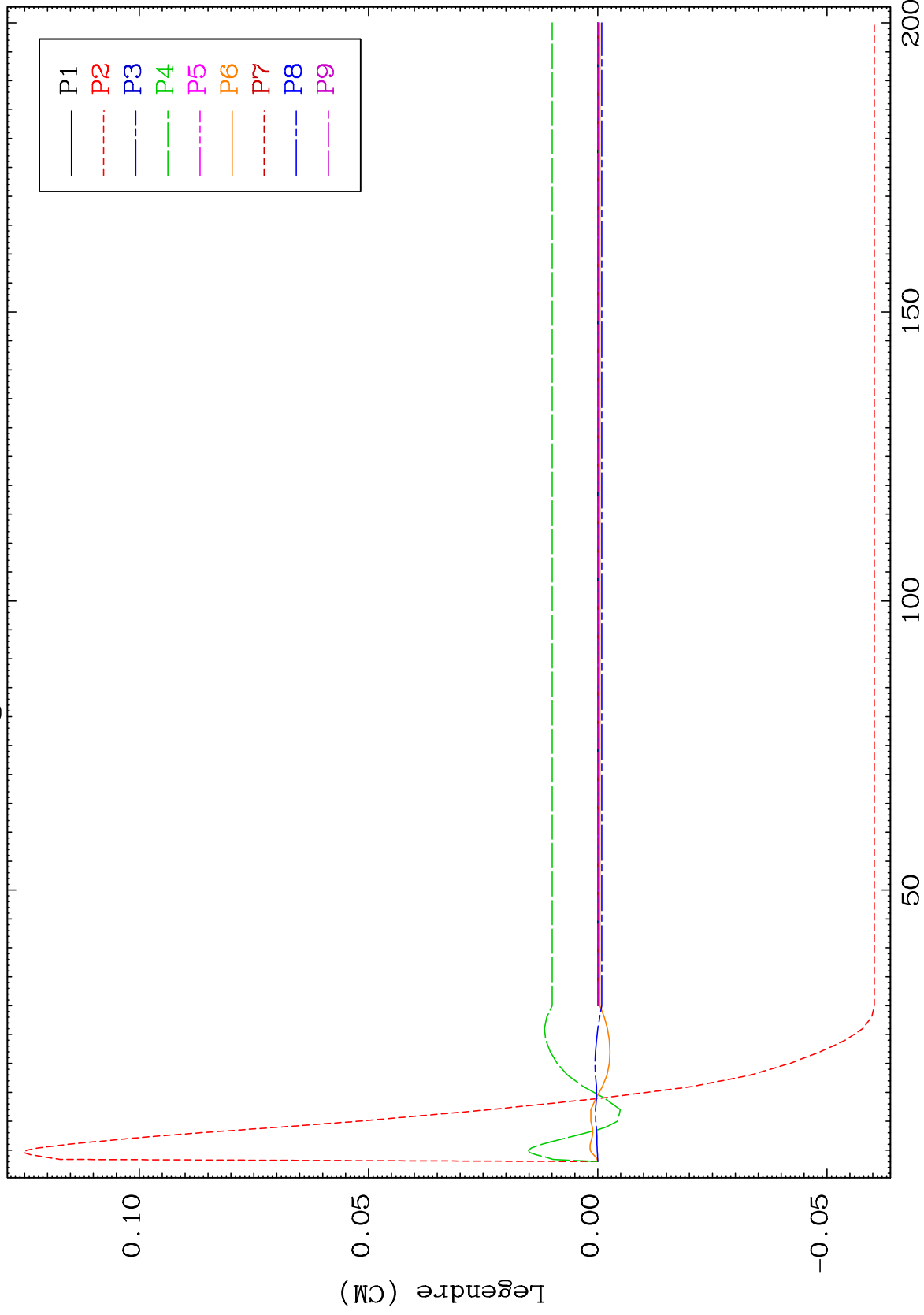
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



98

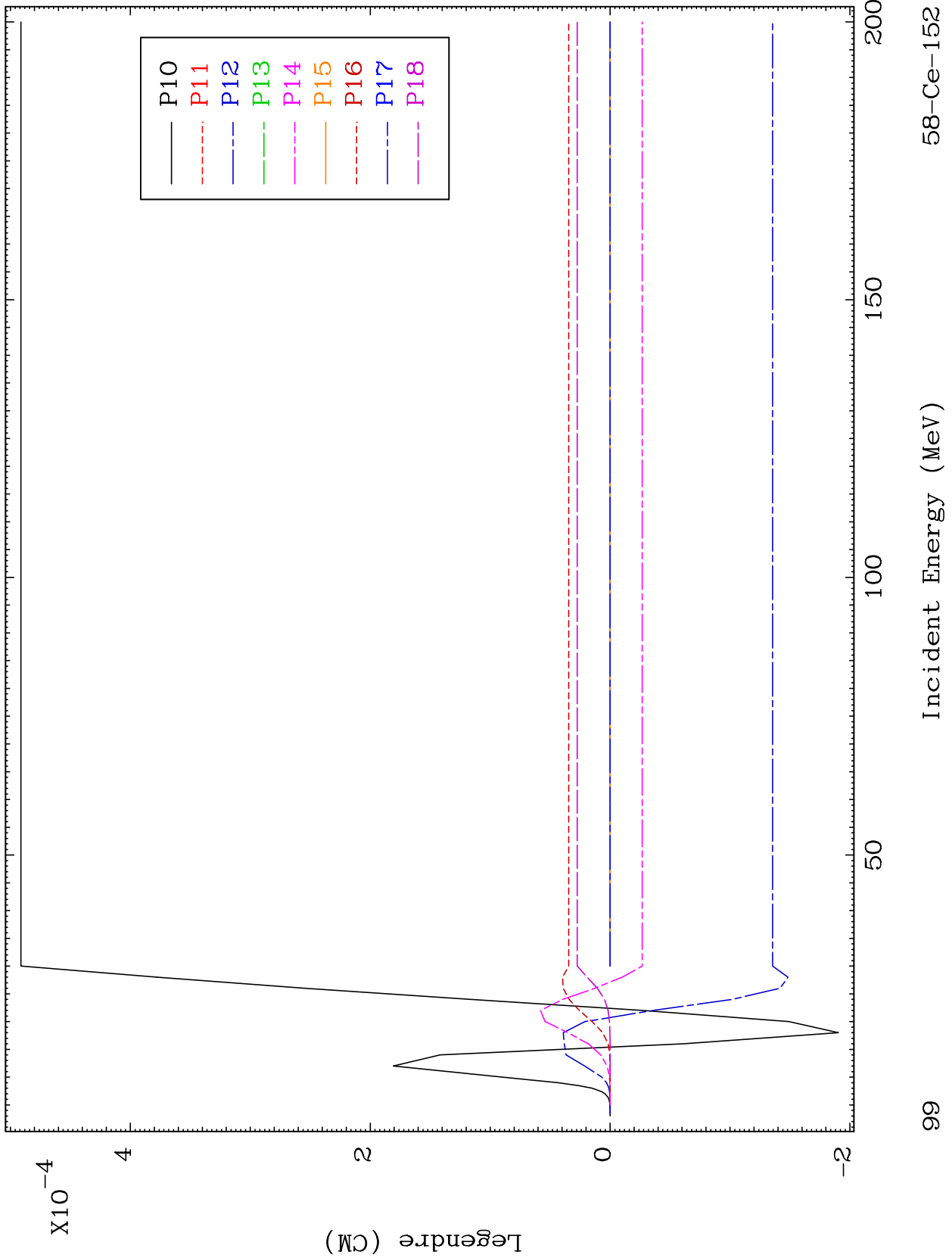
Incident Energy (MeV)

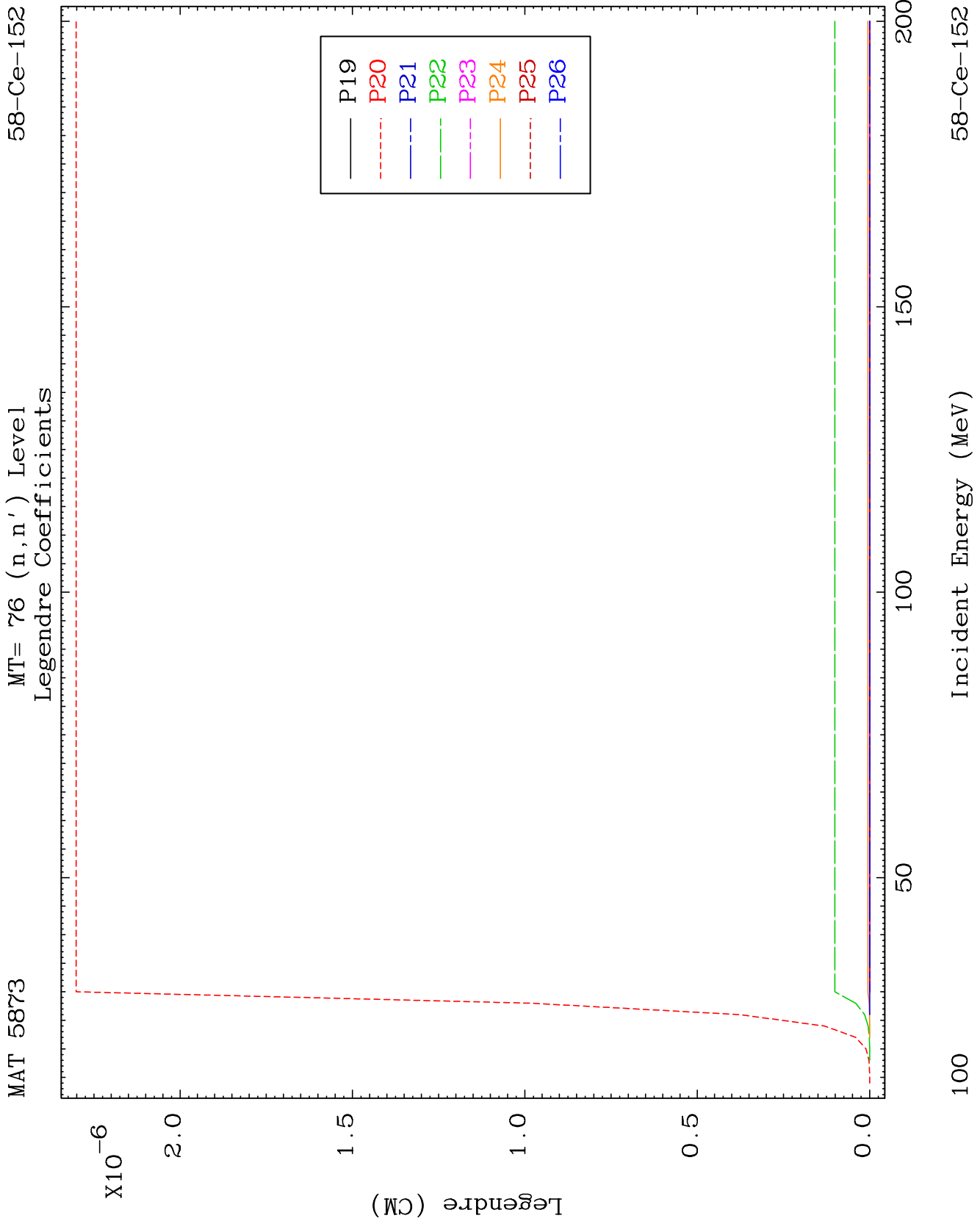
58-Ce-152

MAT 5873

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

58-Ce-152

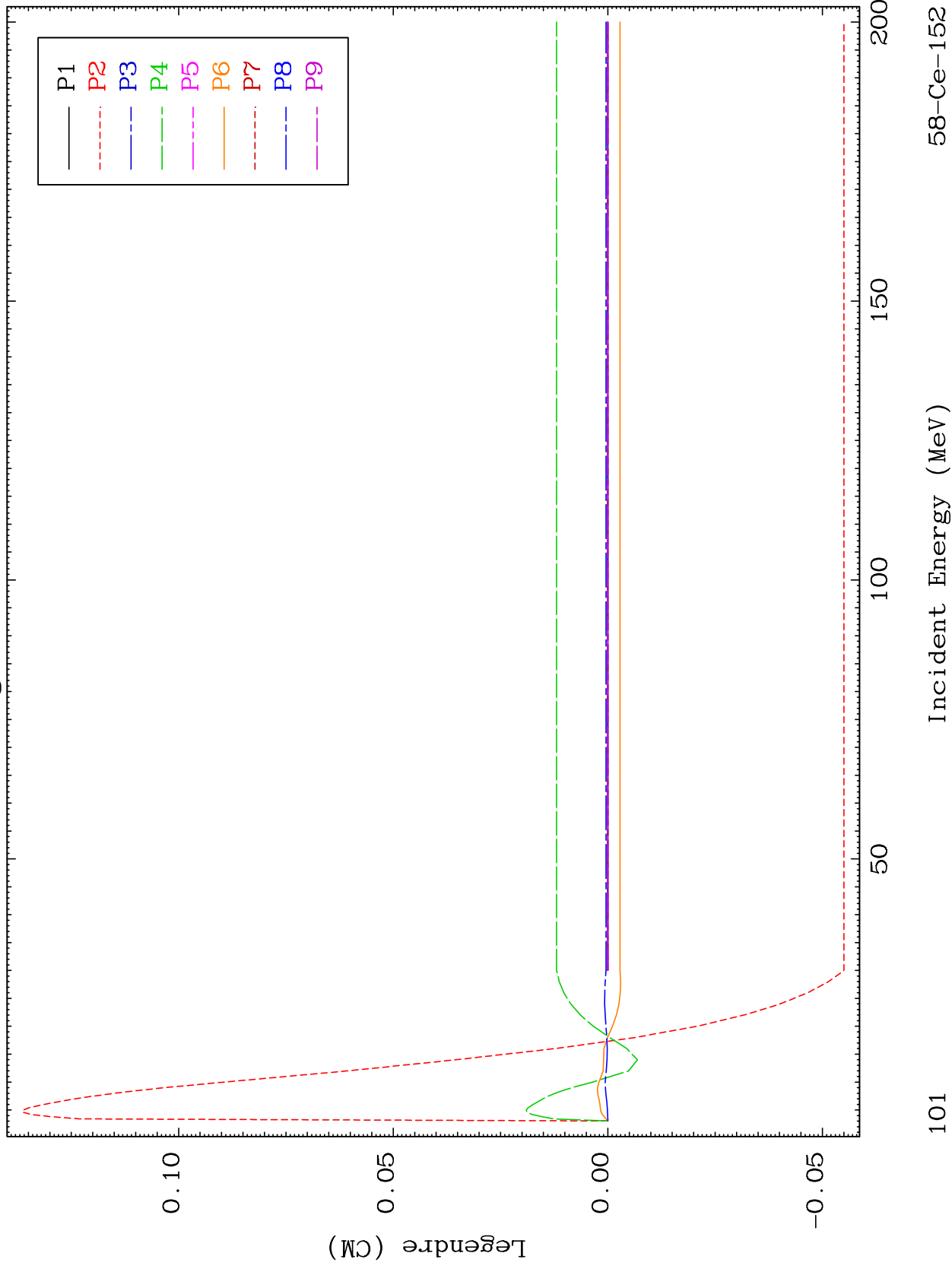




MAT 5873

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

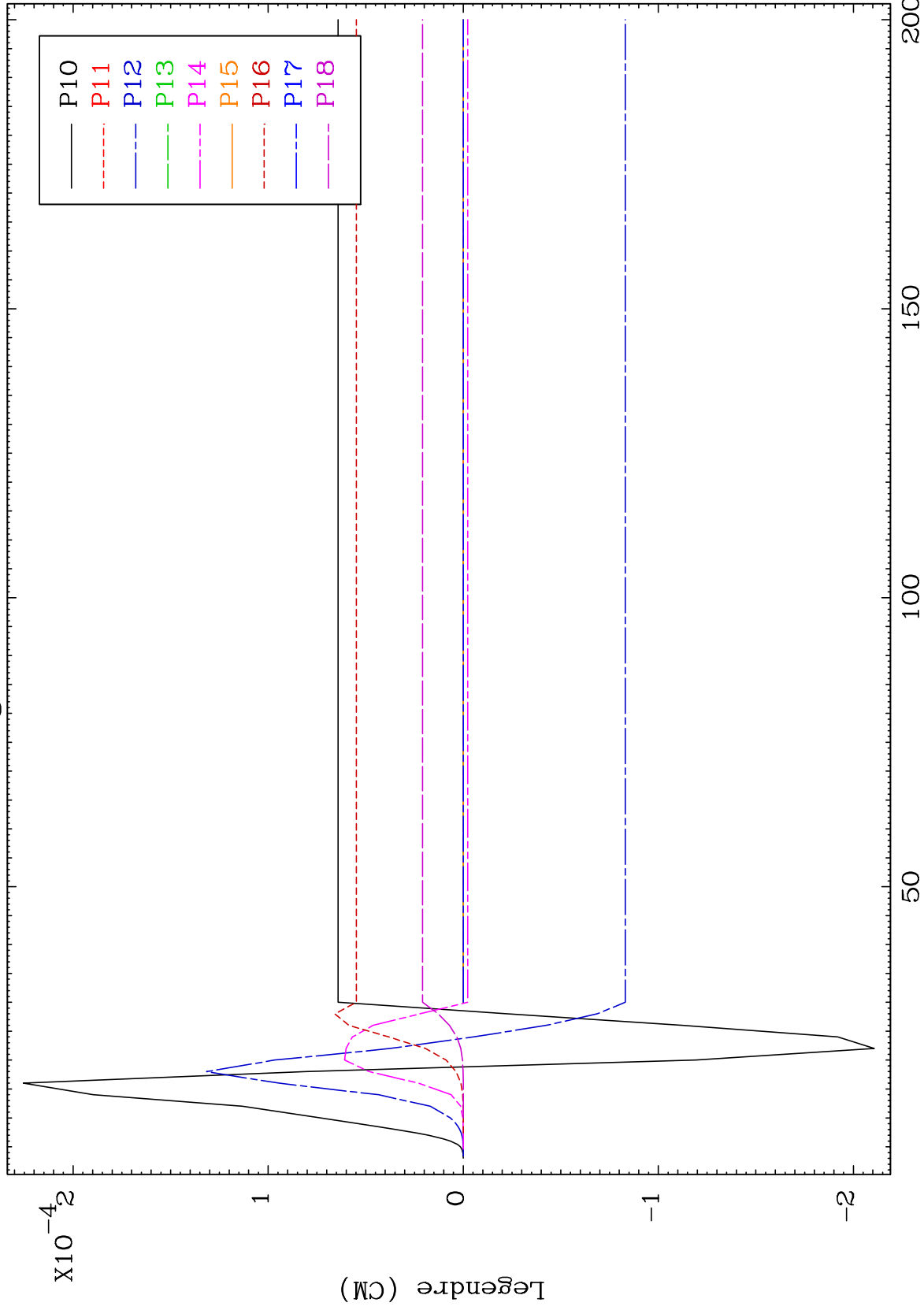
58-Ce-152



MAT 5873

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

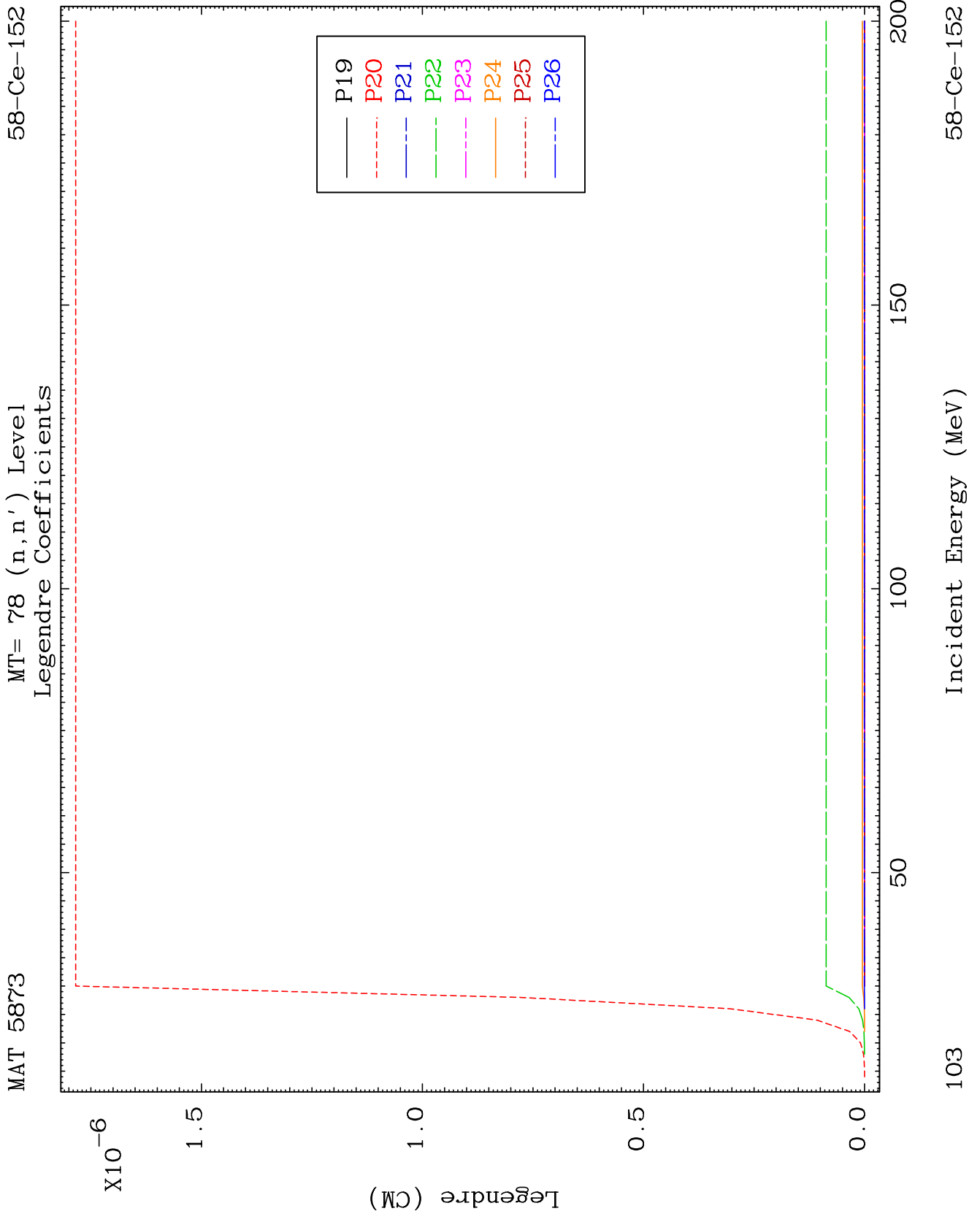
58-Ce-152



102

Incident Energy (MeV)

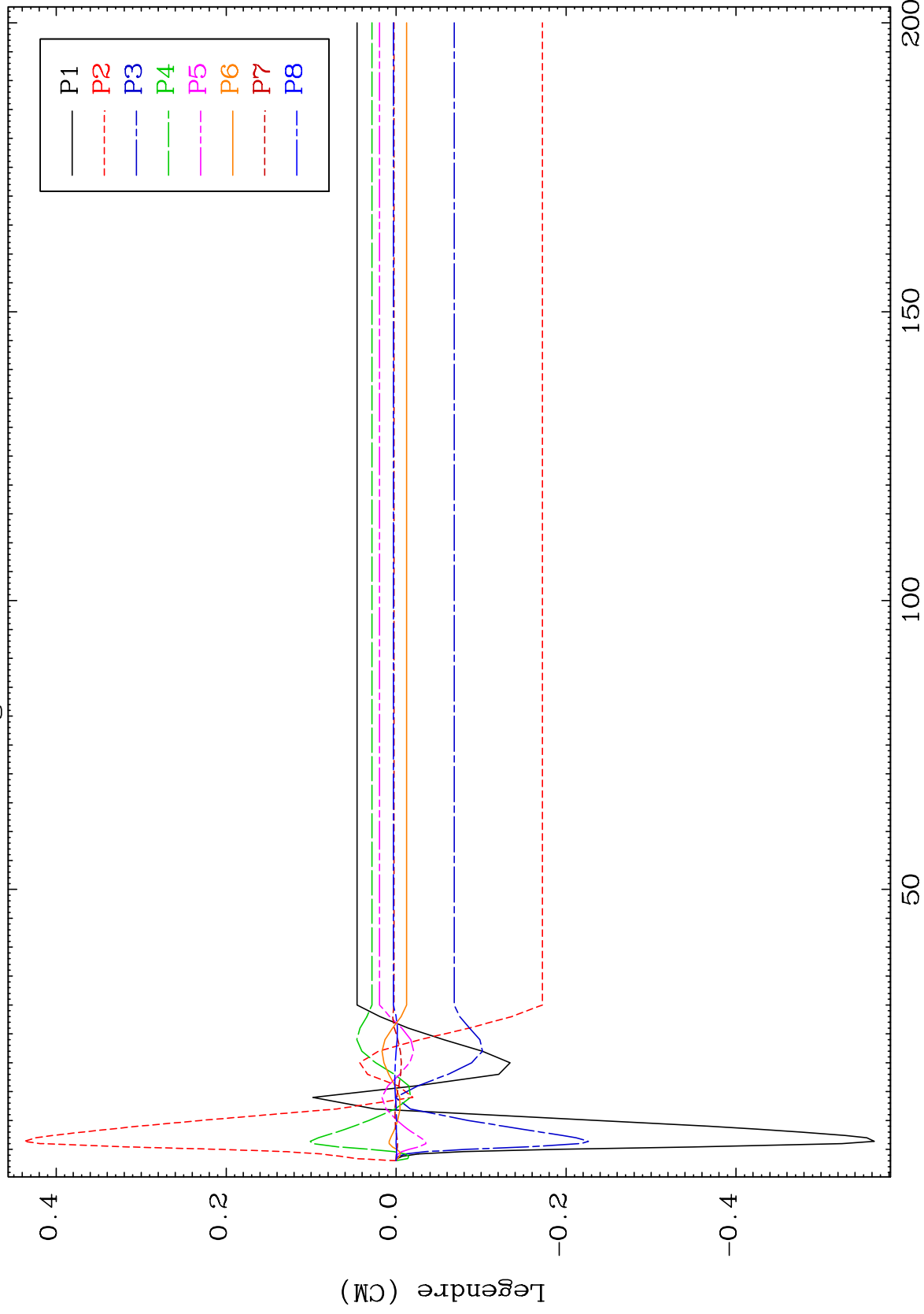
58-Ce-152



MAT 5873

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

58-Ce-152



104

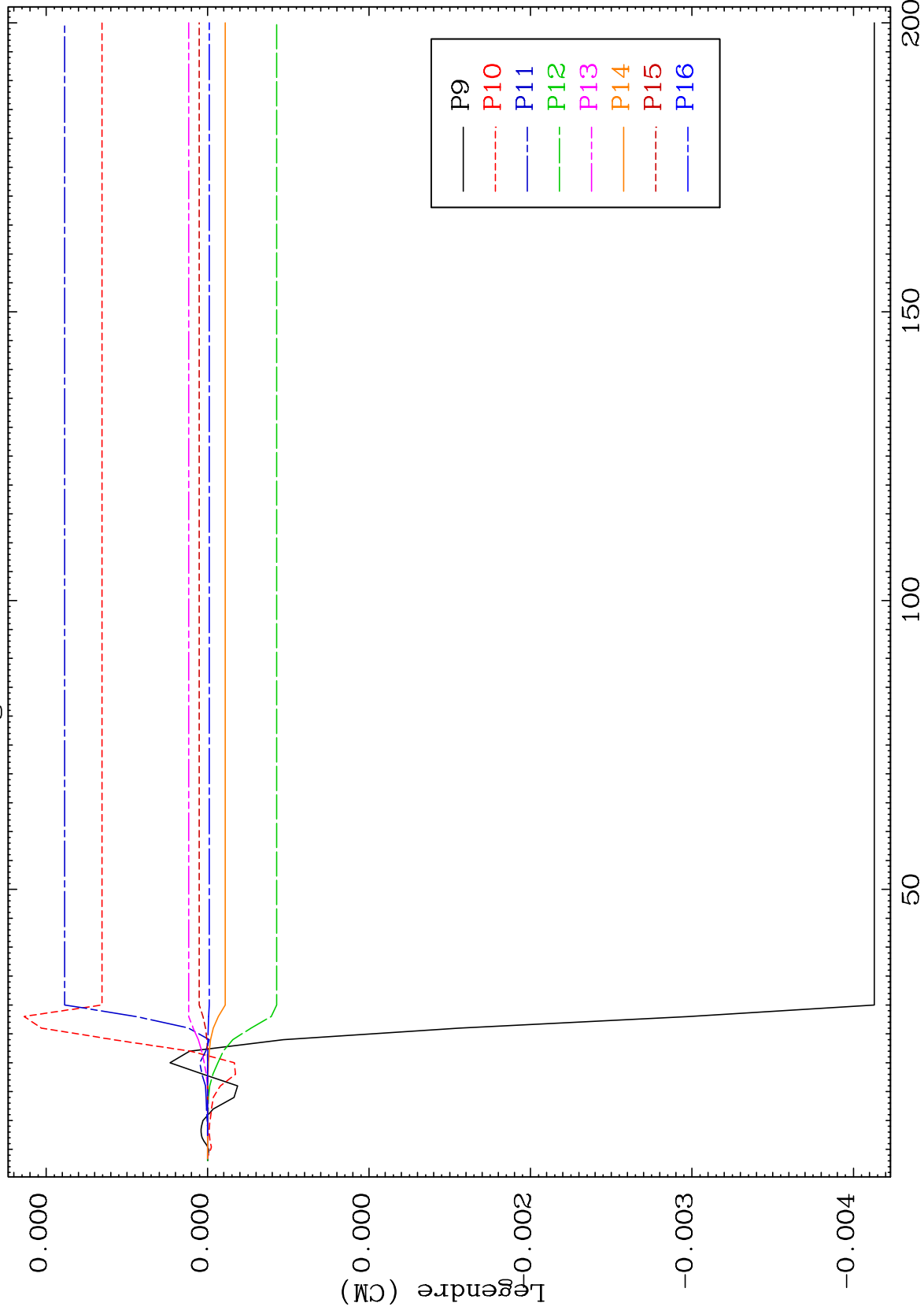
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



105

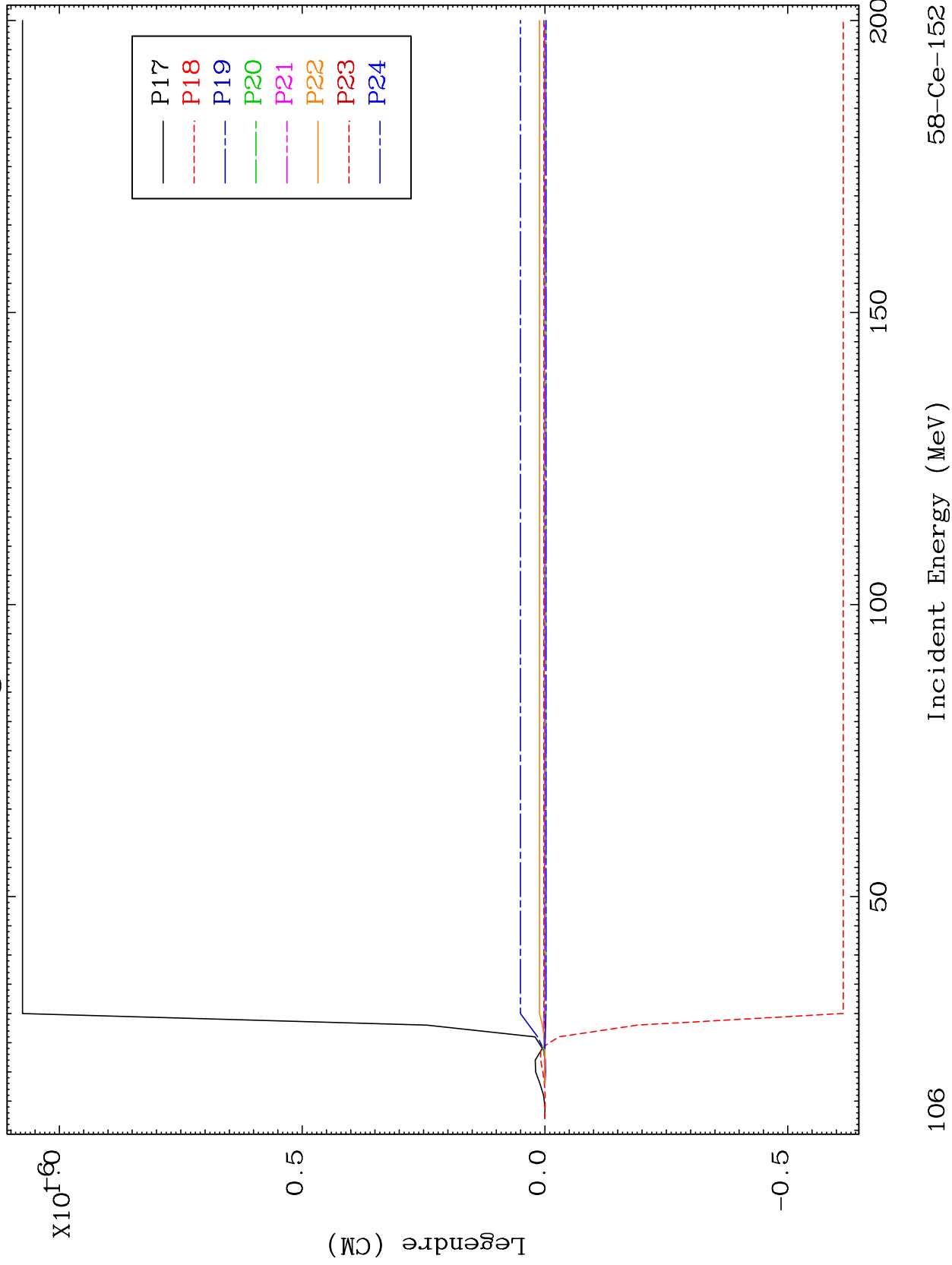
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



106

Incident Energy (MeV)

58-Ce-152