

Program EVALPLOT
(Version 2017-1)

by

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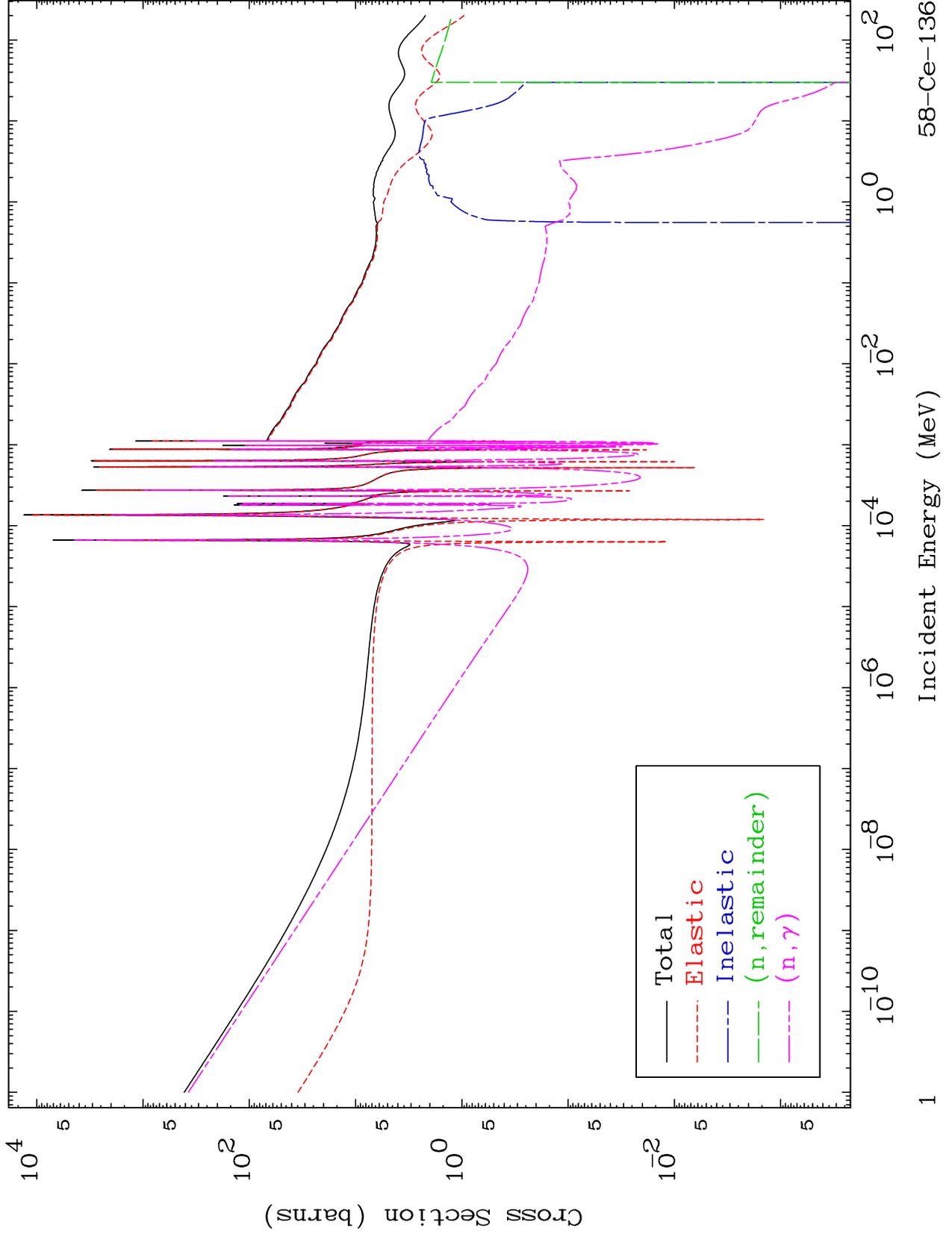
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Press Mouse Button to Start

MAT 5825

Major
293 Kelvin Cross Sections

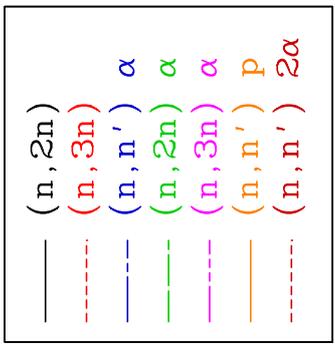
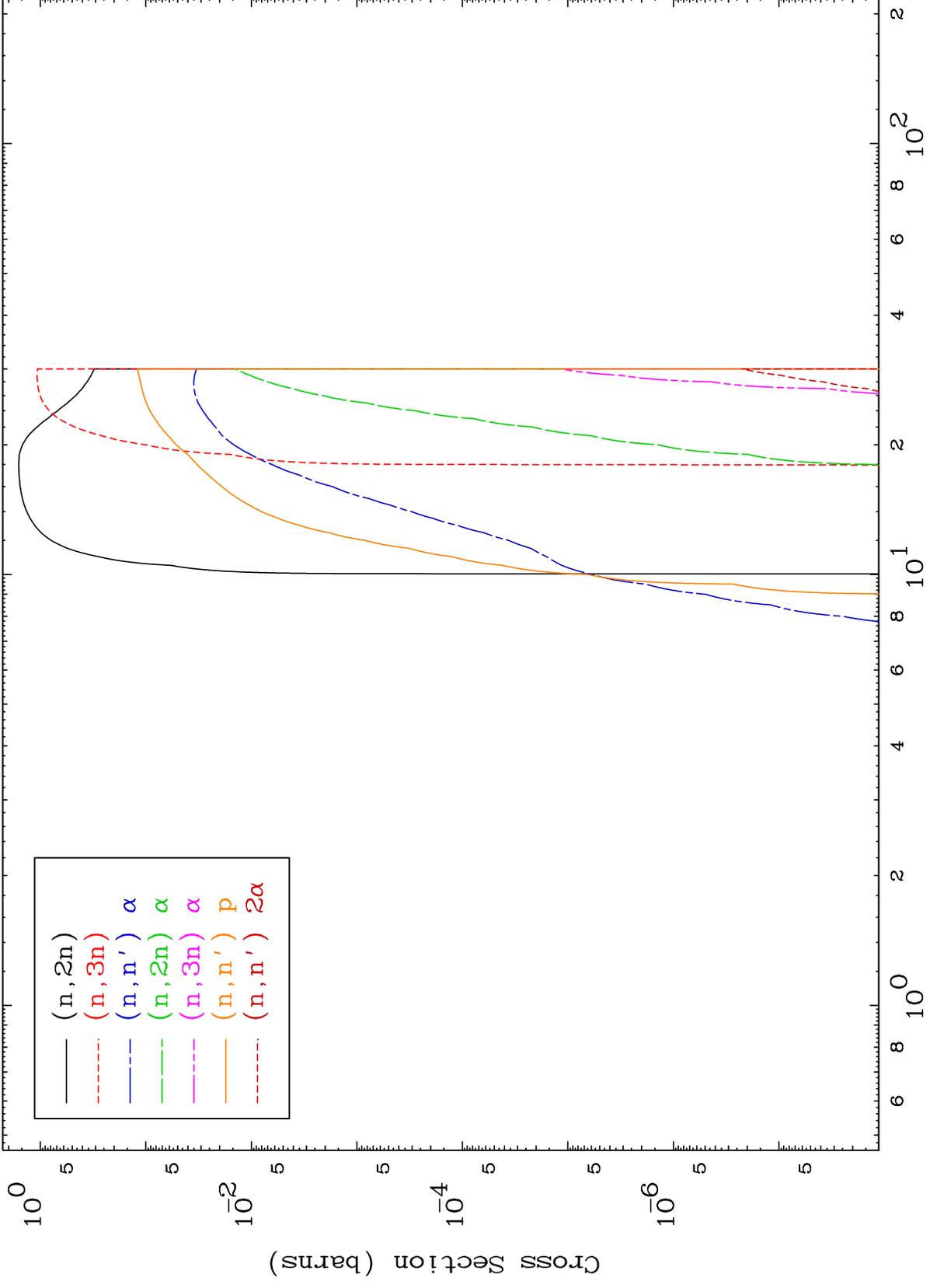
58-Ce-136

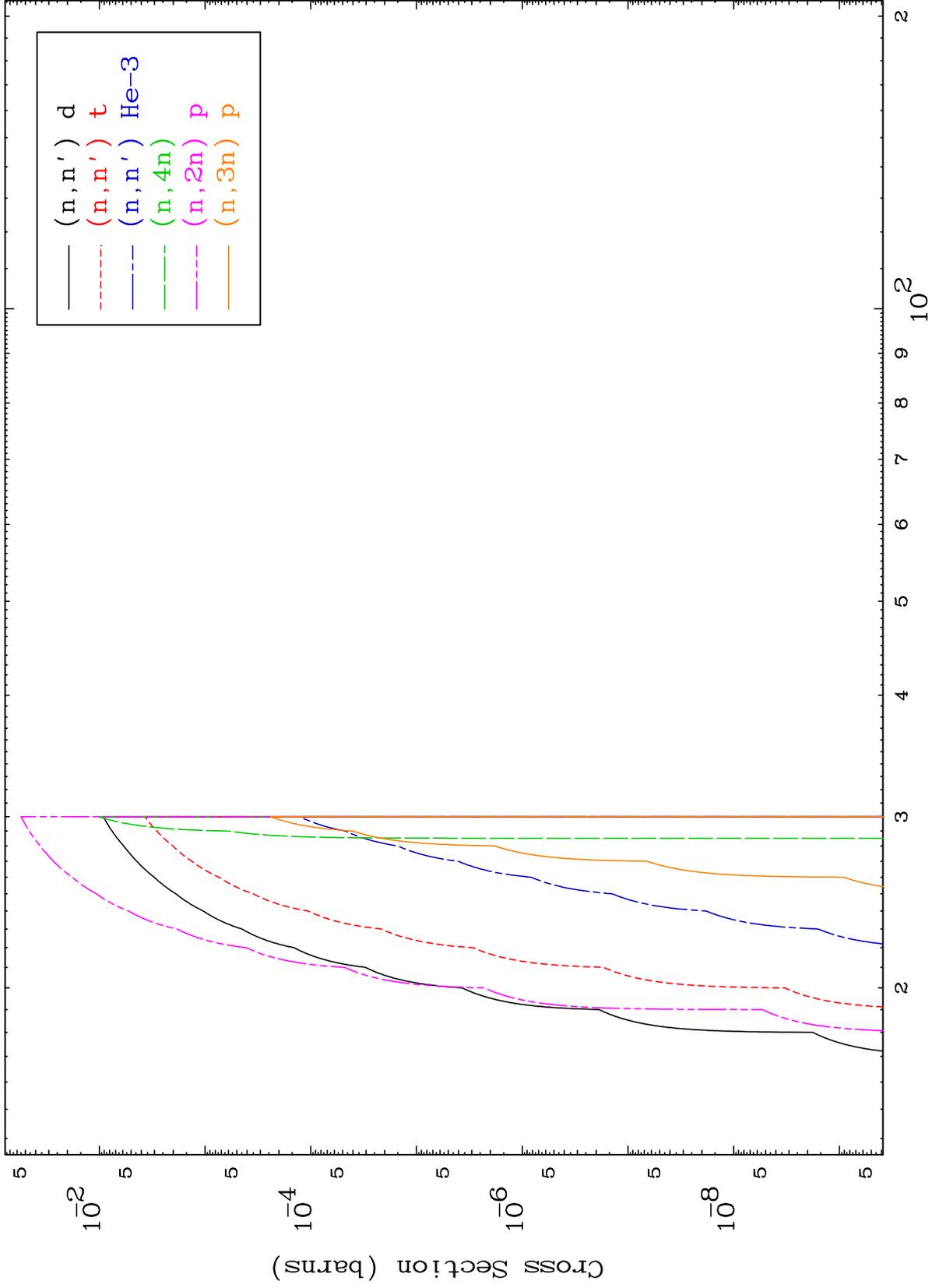


MAT 5825

Neutron Production
293 Kelvin Cross Sections

58-Ce-136

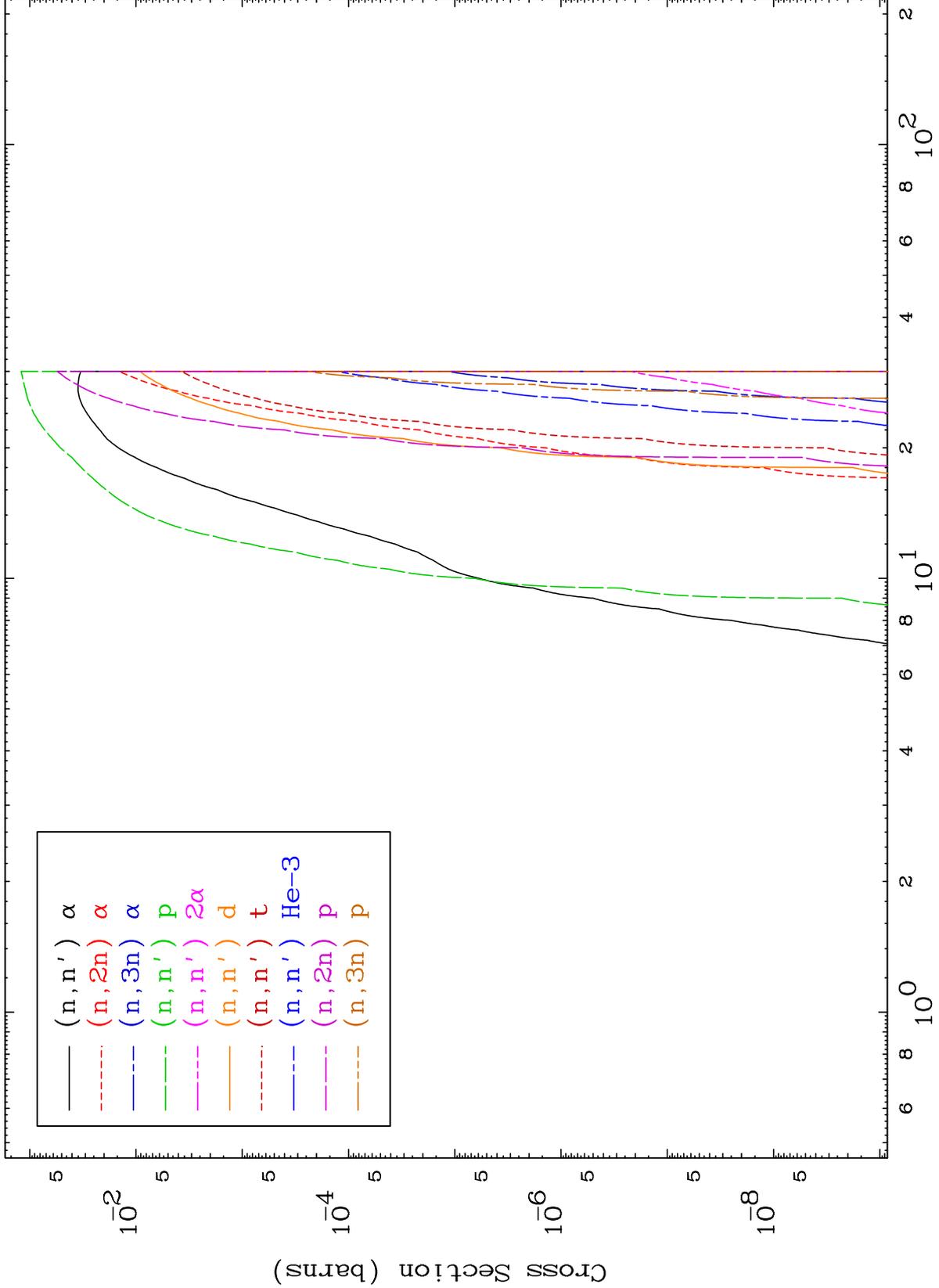




MAT 5825

Charged Particle
293 Kelvin Cross Sections

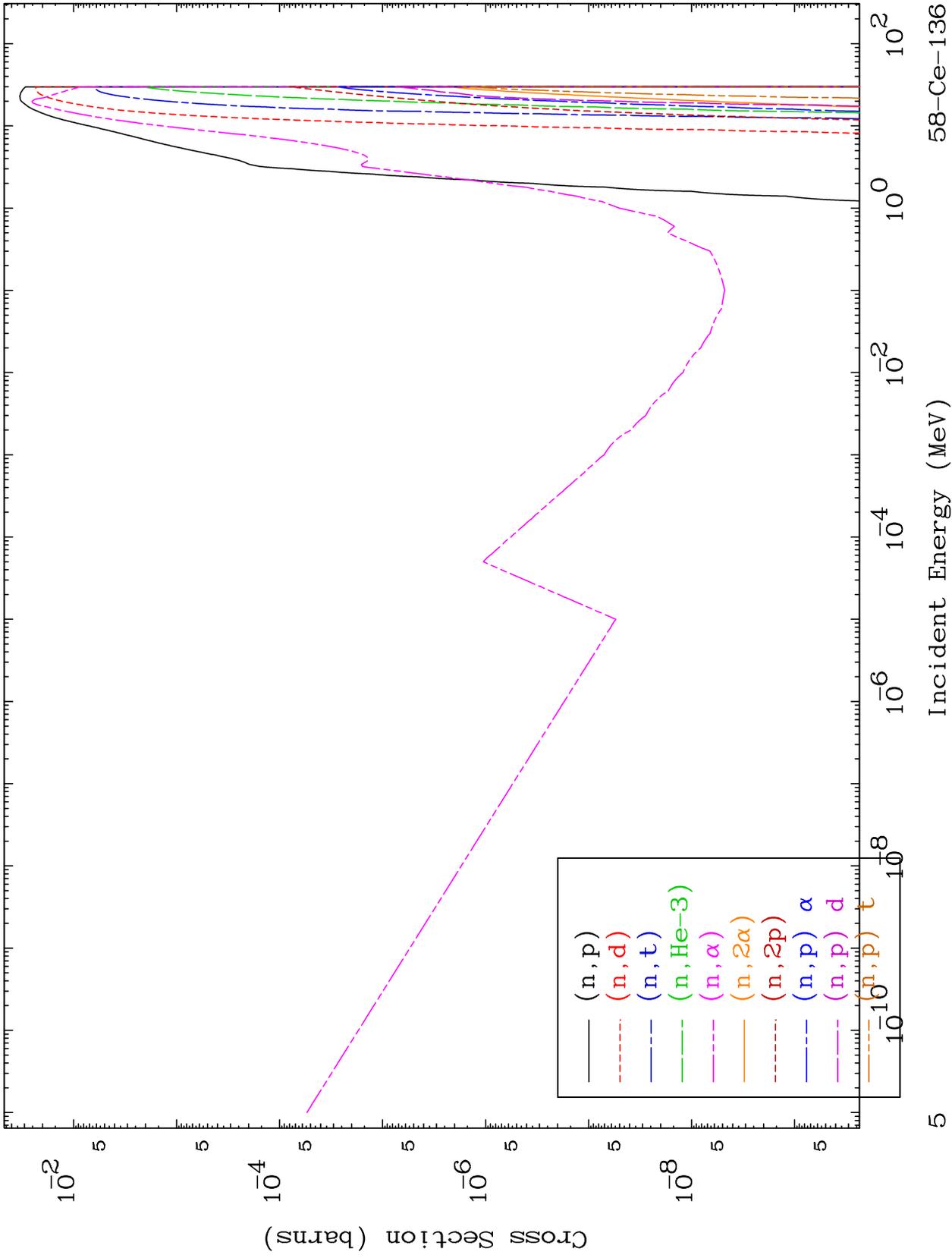
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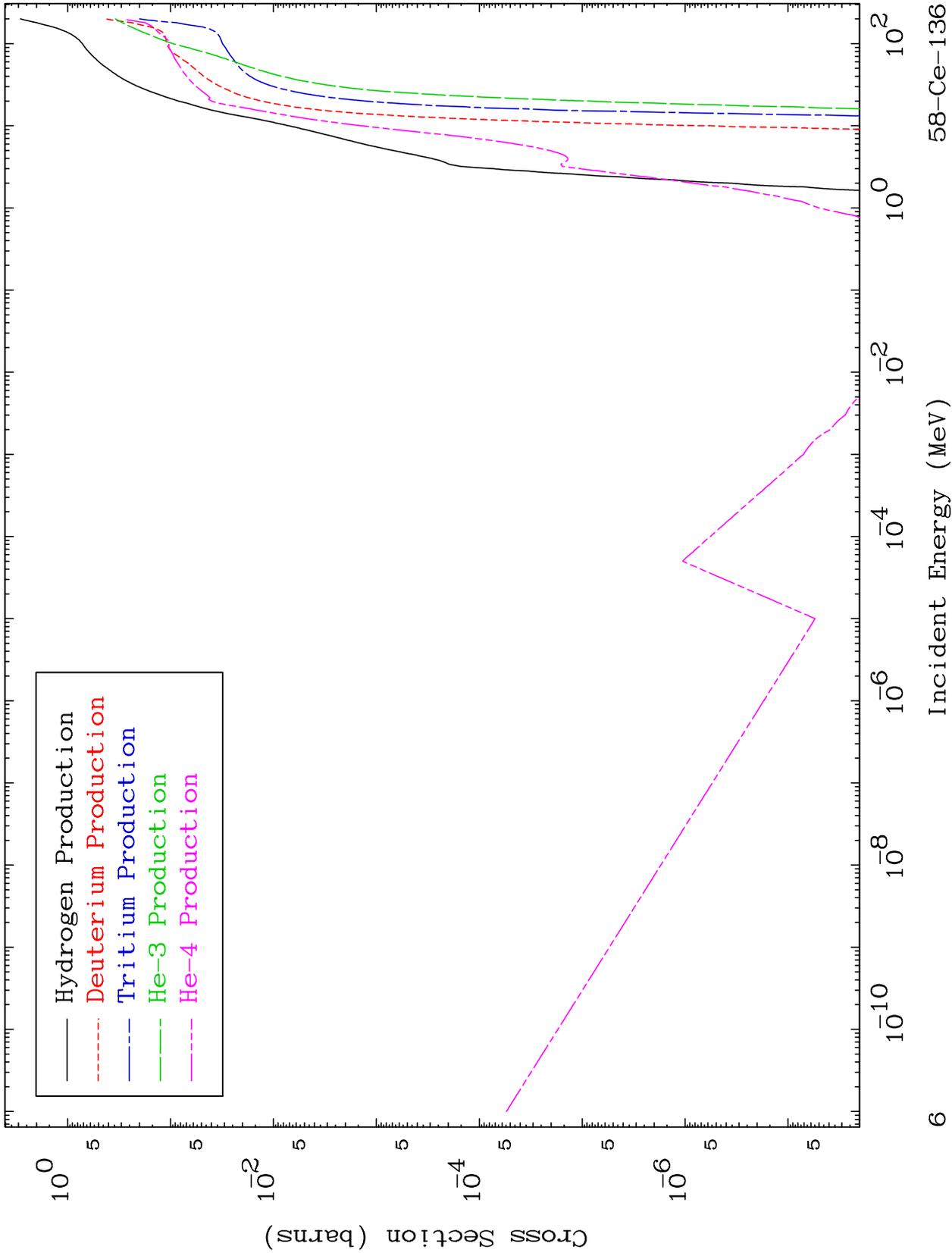


MAT 5825

Charged Particle
293 Kelvin Cross Sections

58-Ce-136



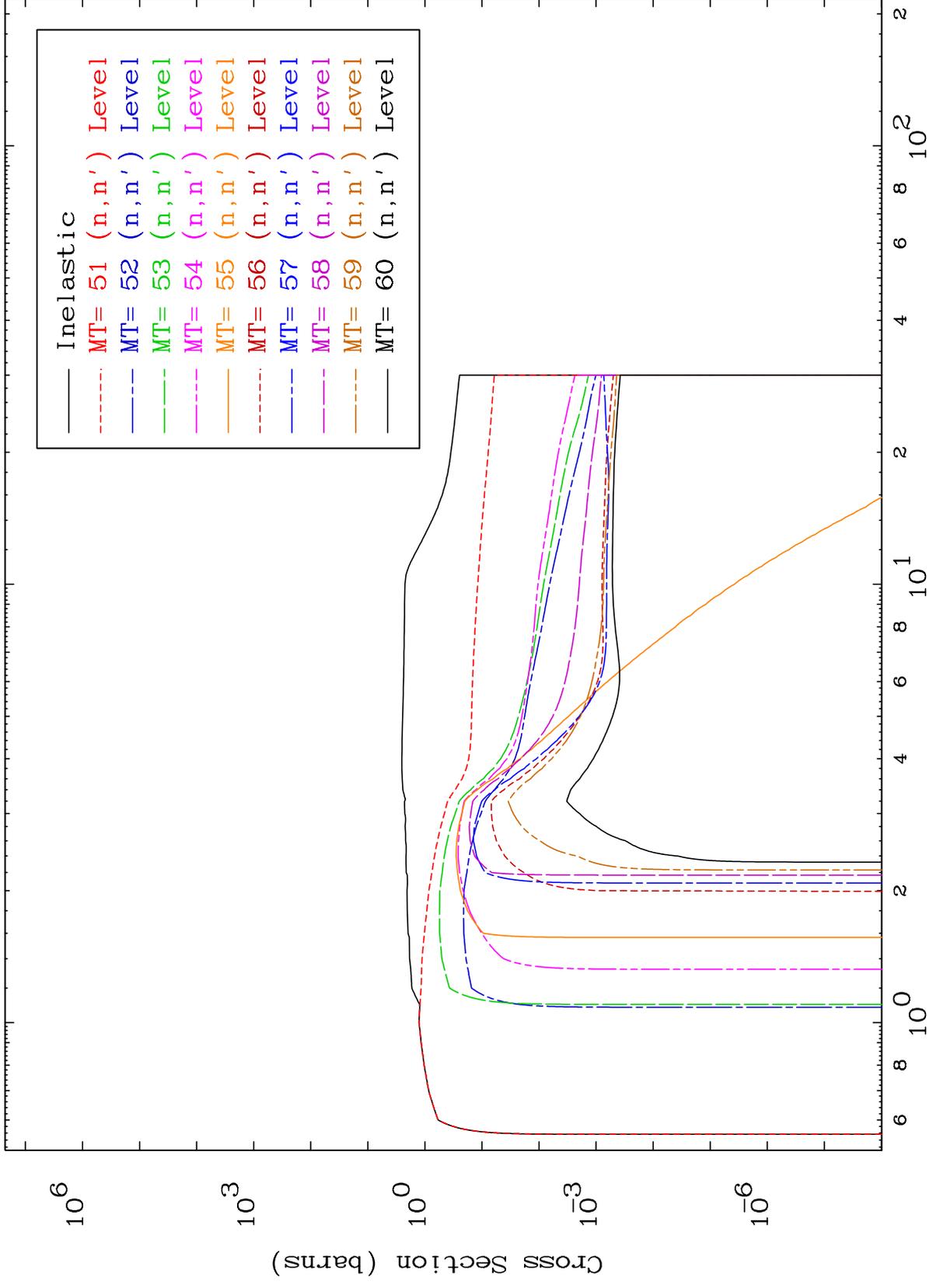


MAT 5825

(n,n') Level

58-Ce-136

293 Kelvin Cross Sections



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Incident Energy (MeV)

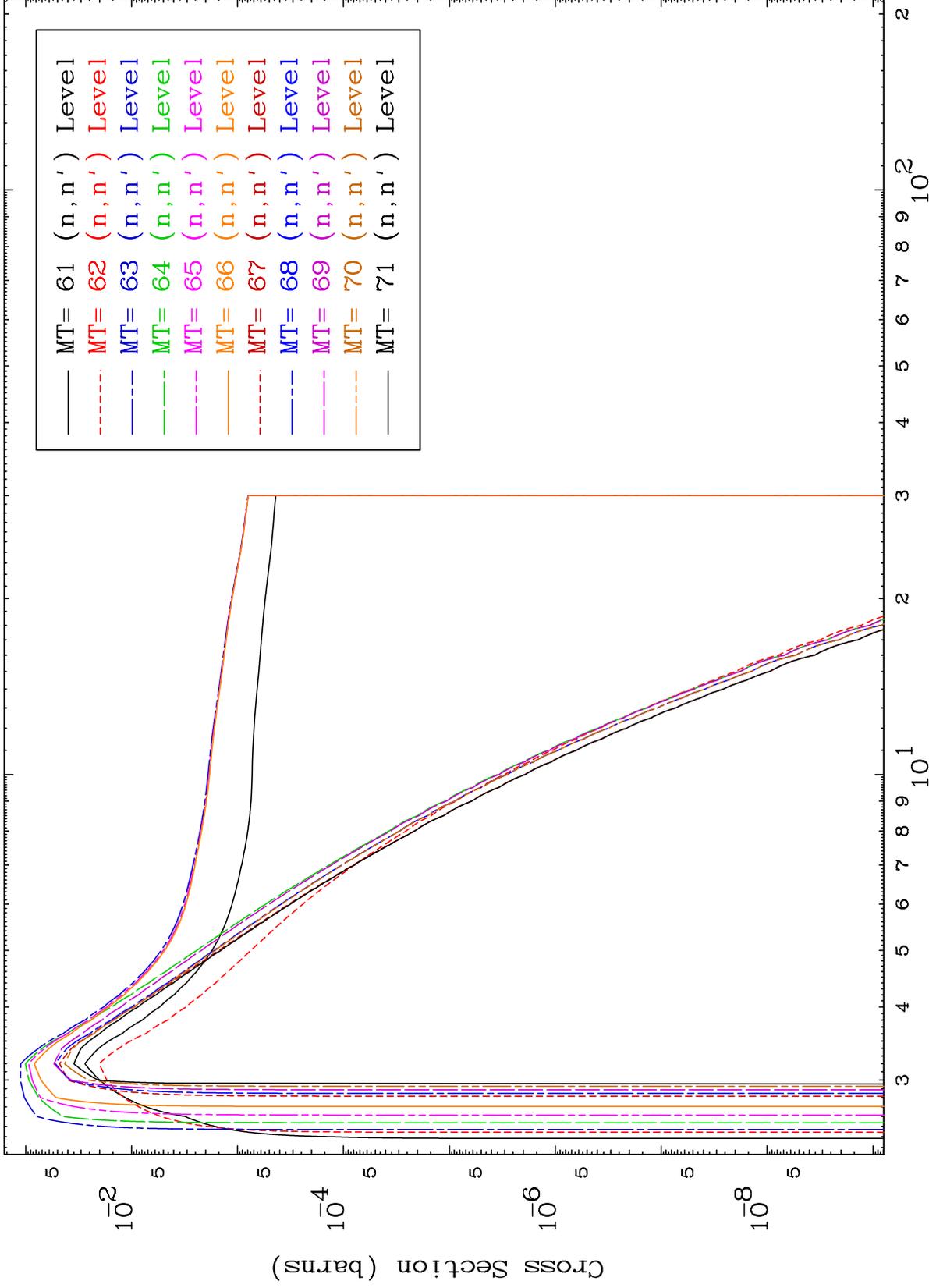
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MAT 5825

(n,n') Level

58-Ce-136

293 Kelvin Cross Sections

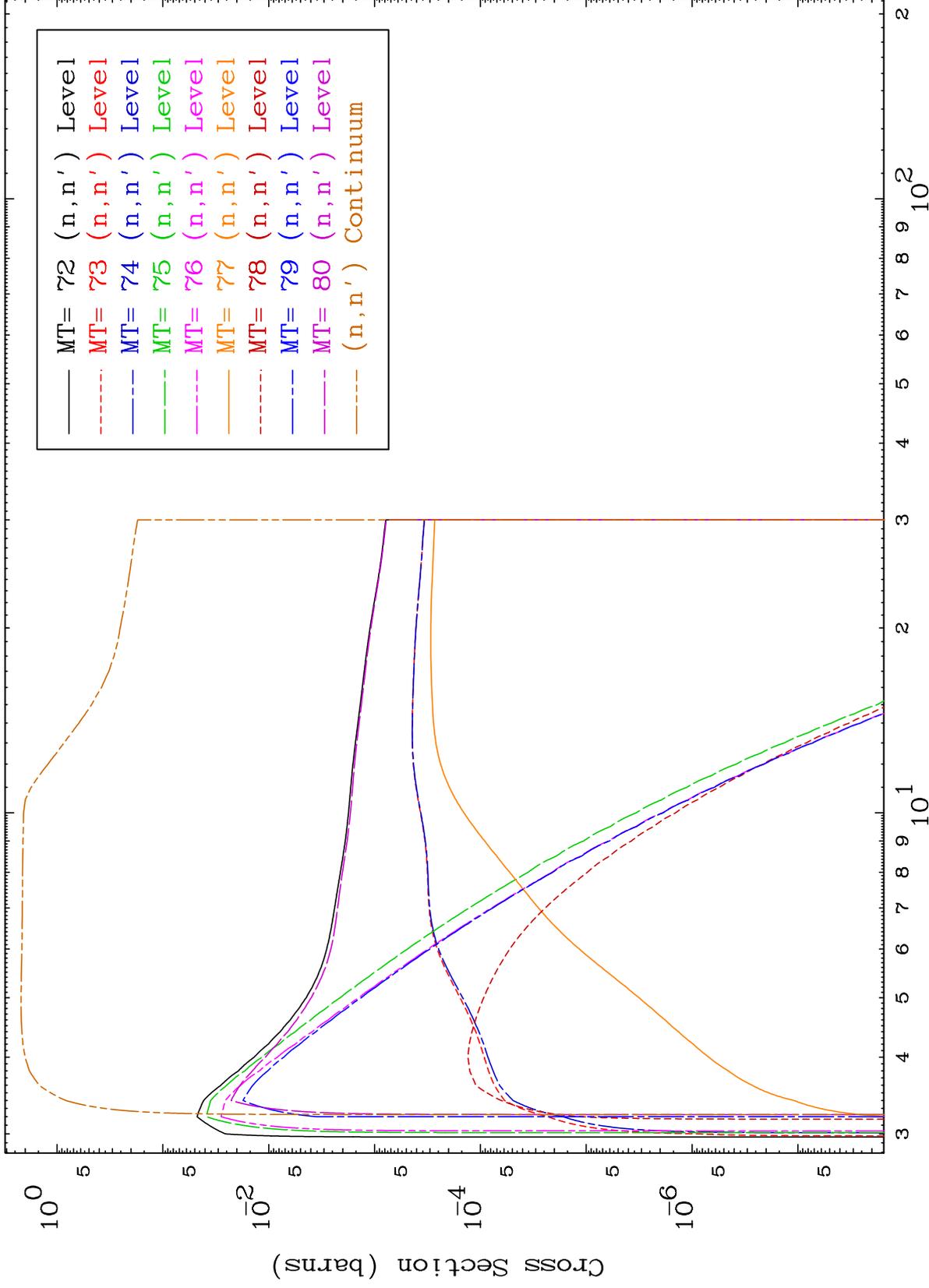


8

Incident Energy (MeV)

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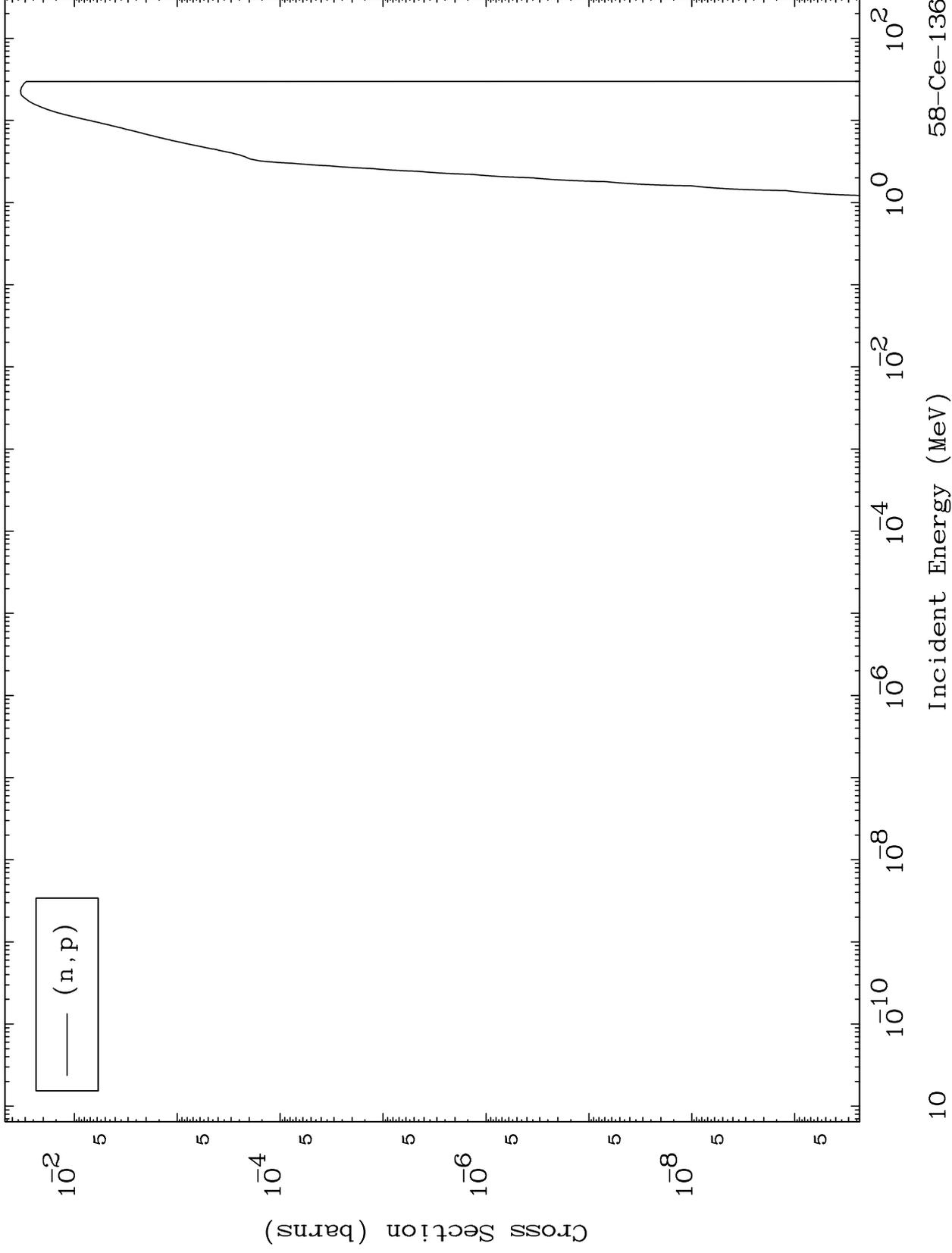
293 Kelvin Cross Sections



MAT 5825

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-136



10

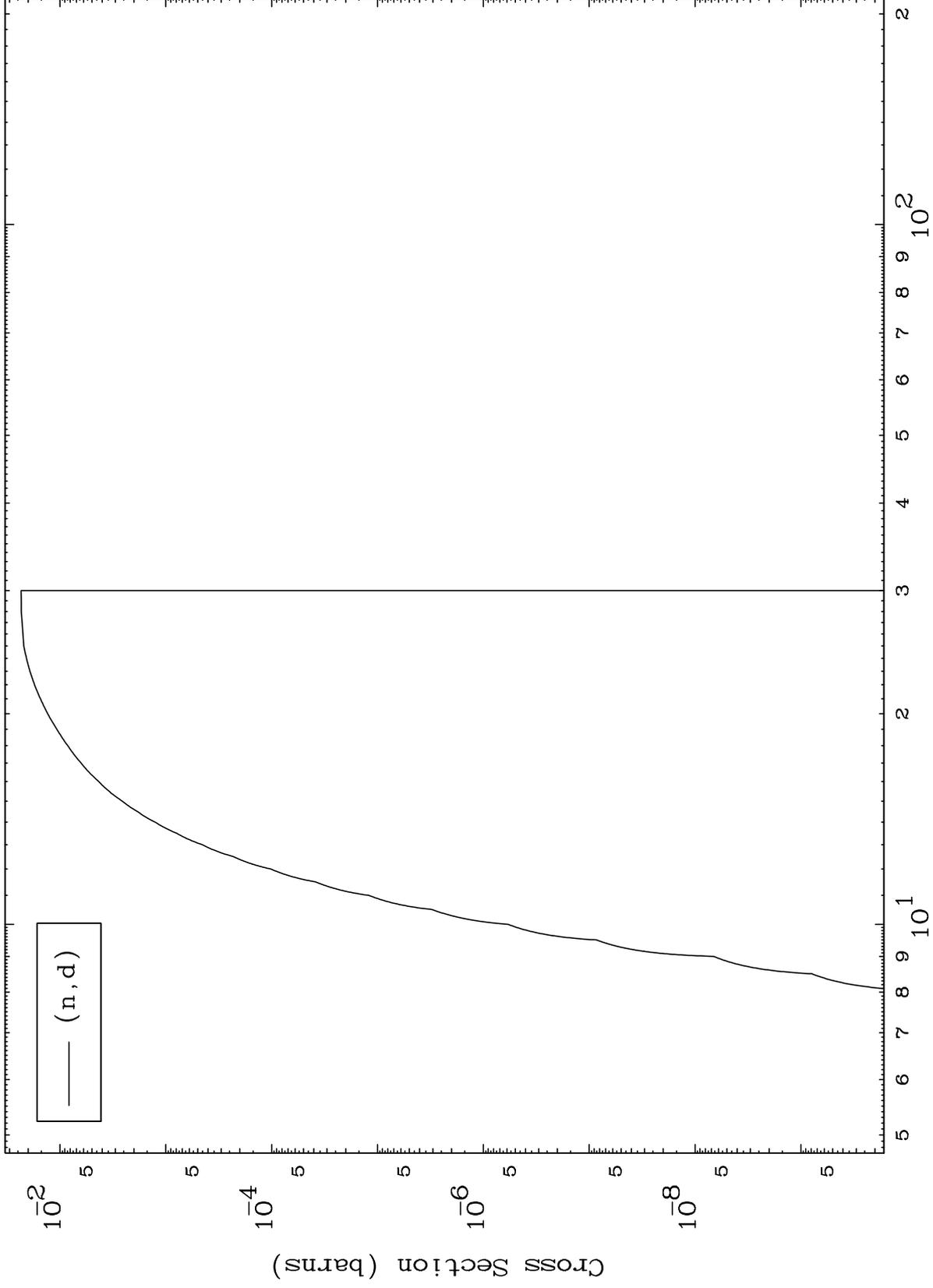
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MAT 5825

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-136



11

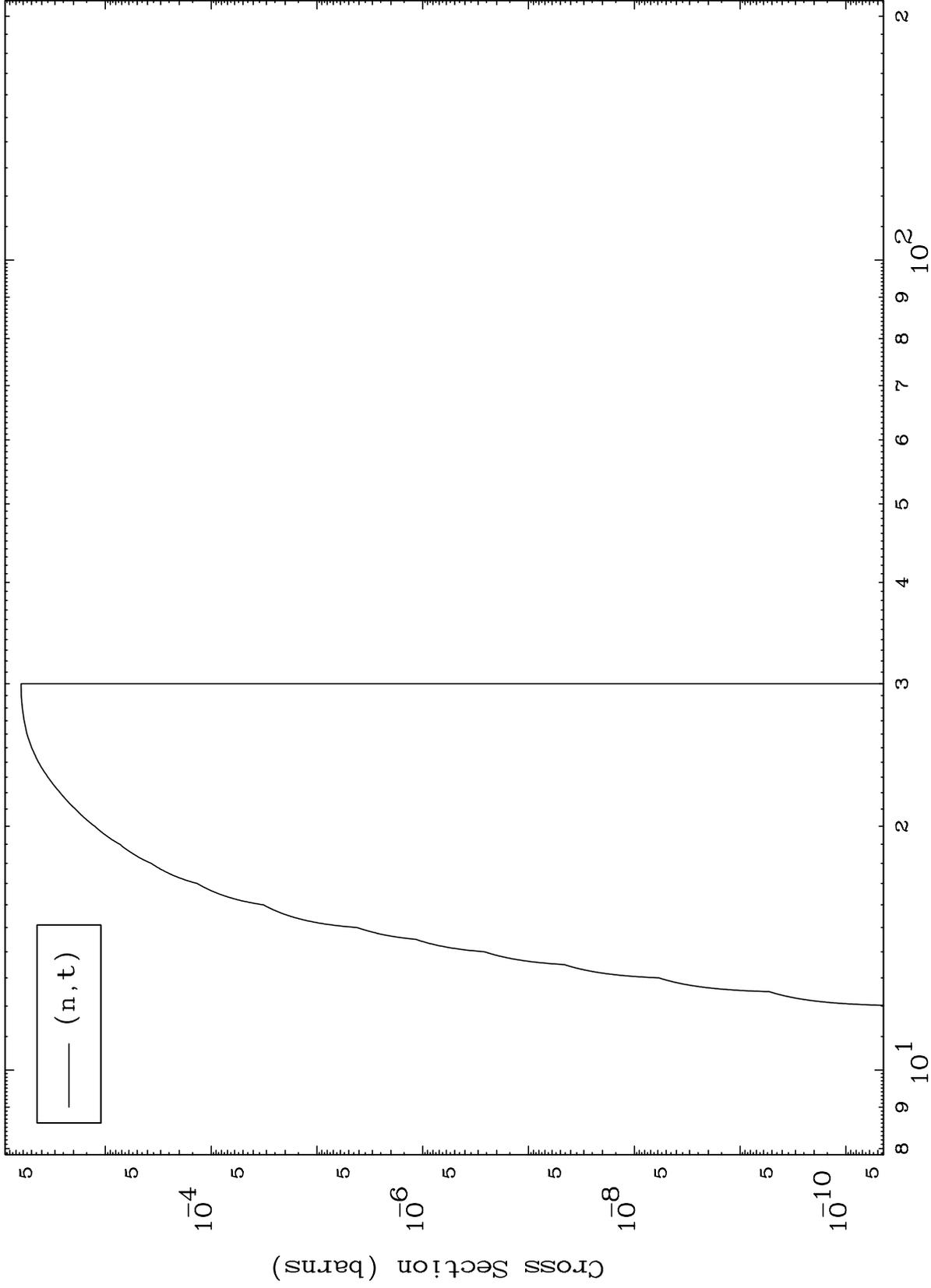
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MAT 5825

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-136



12

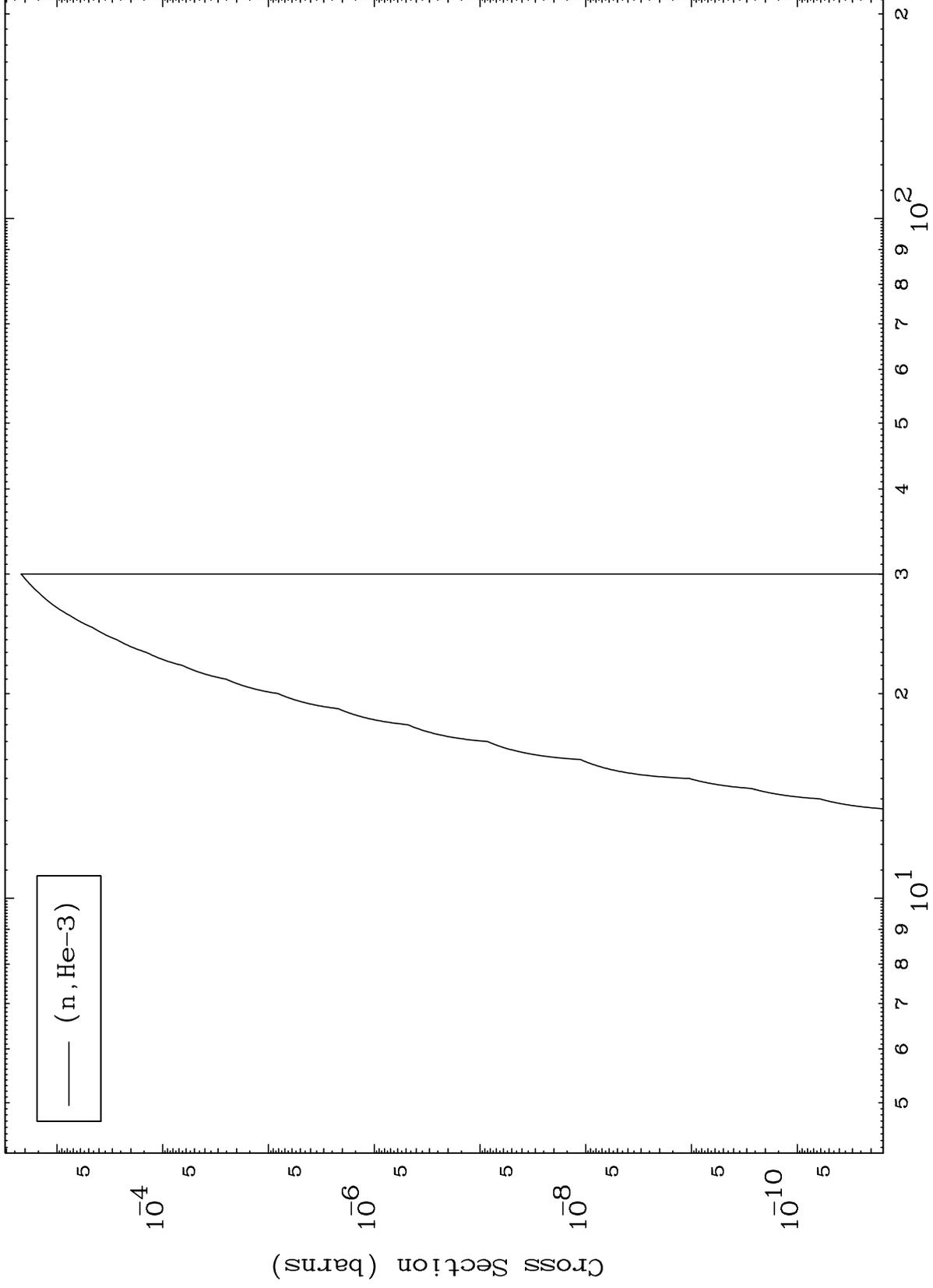
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MAT 5825

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-136



13

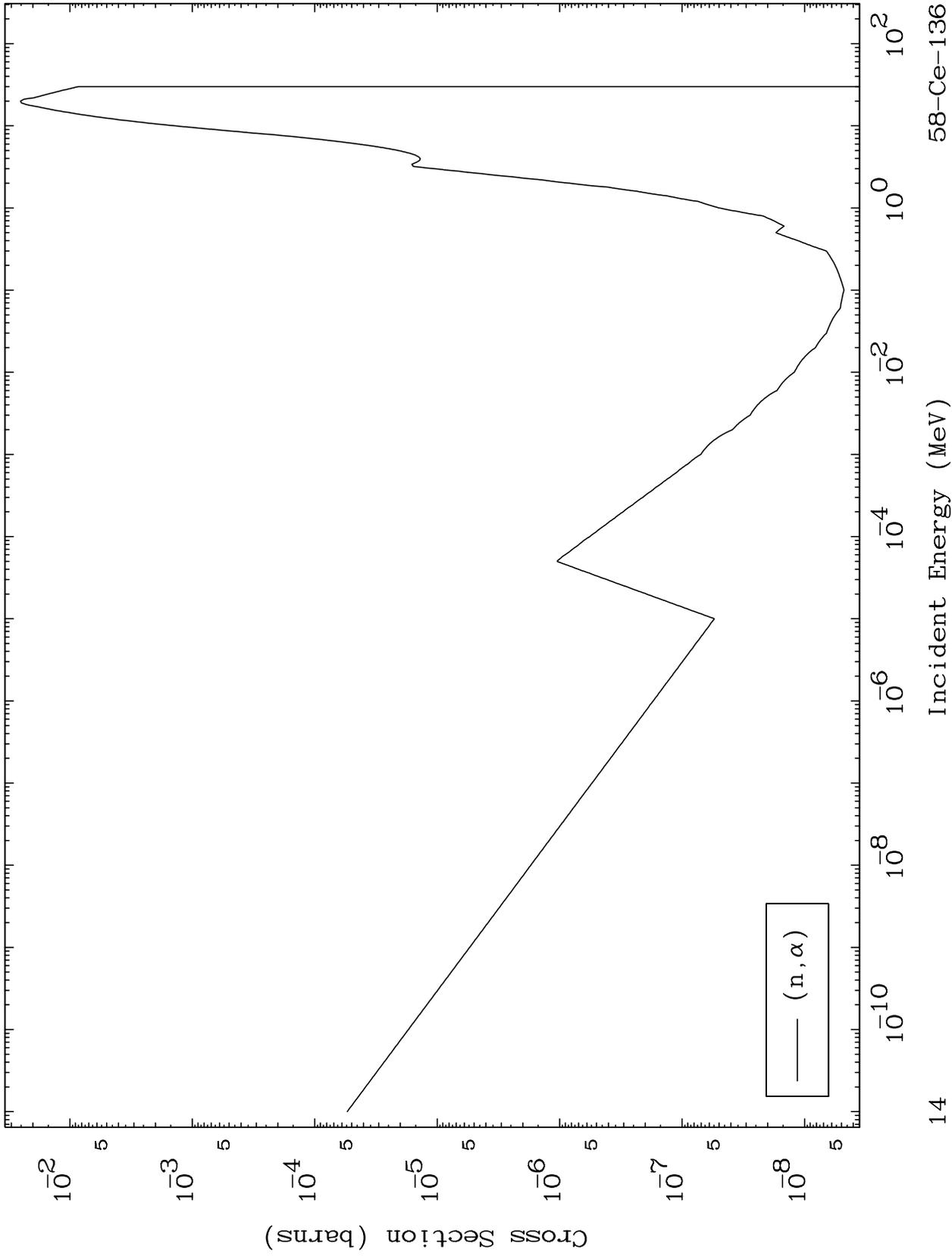
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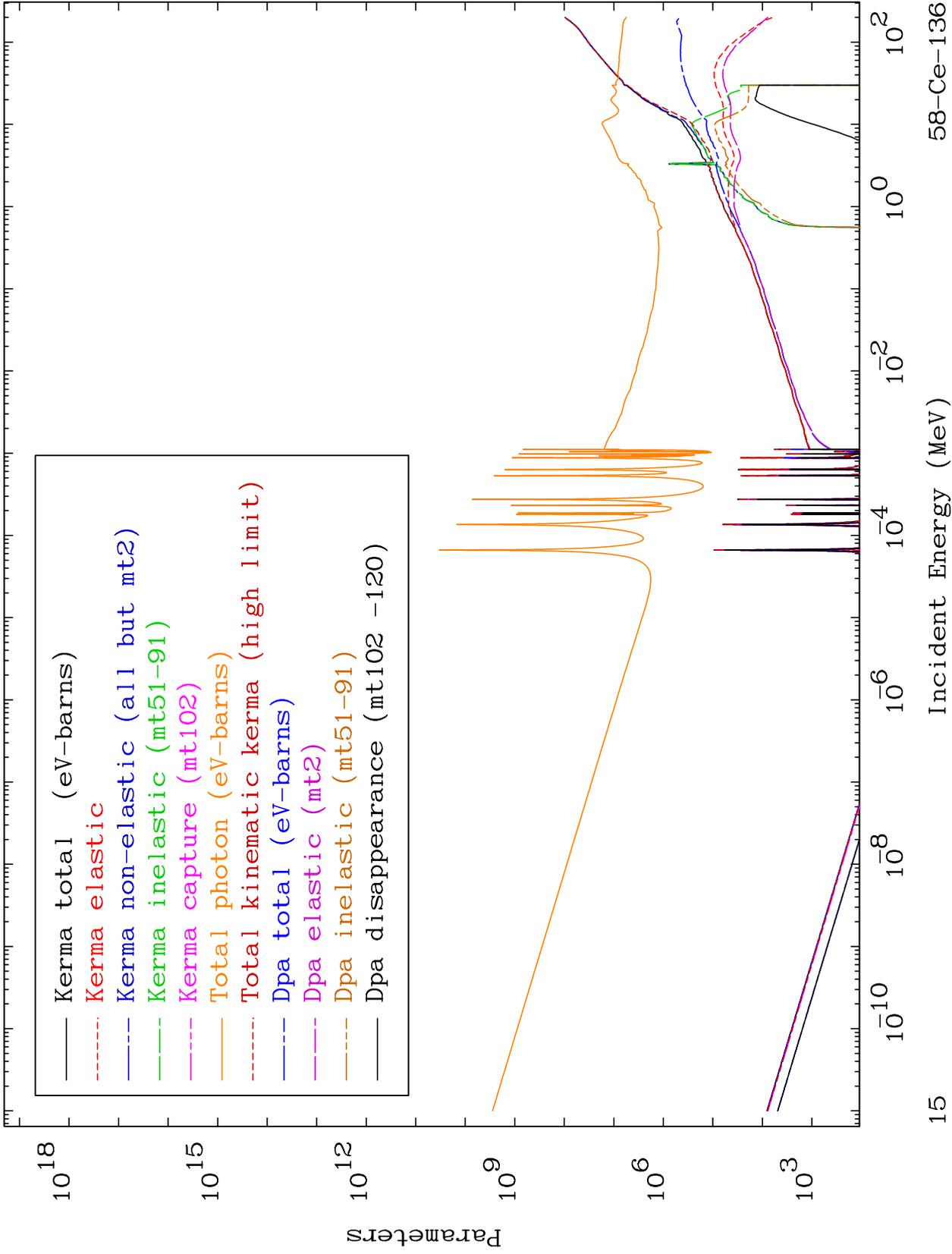
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MAT 5825

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-136

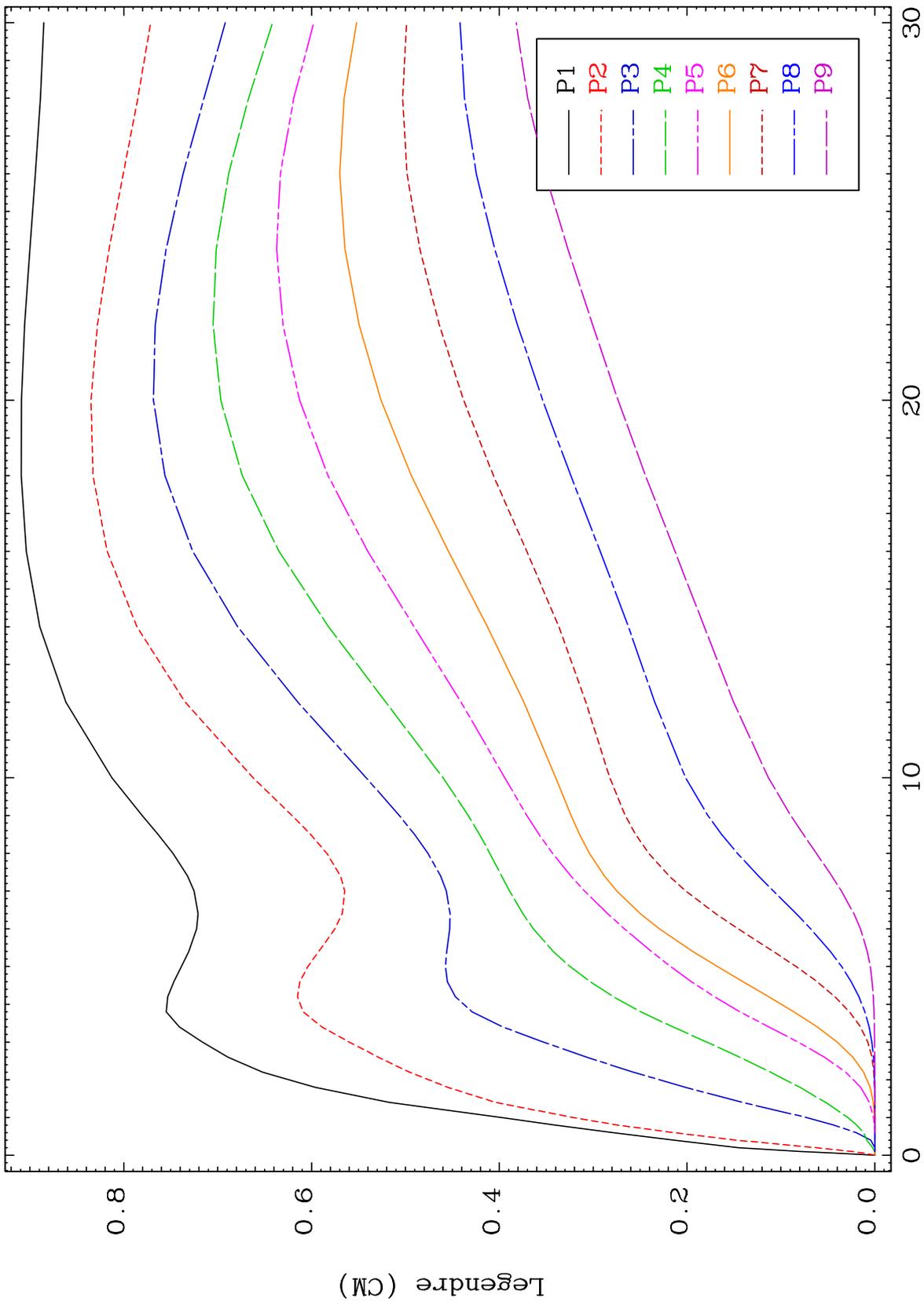




MAT 5825

Elastic Legendre Coefficients

58-Ce-136



16

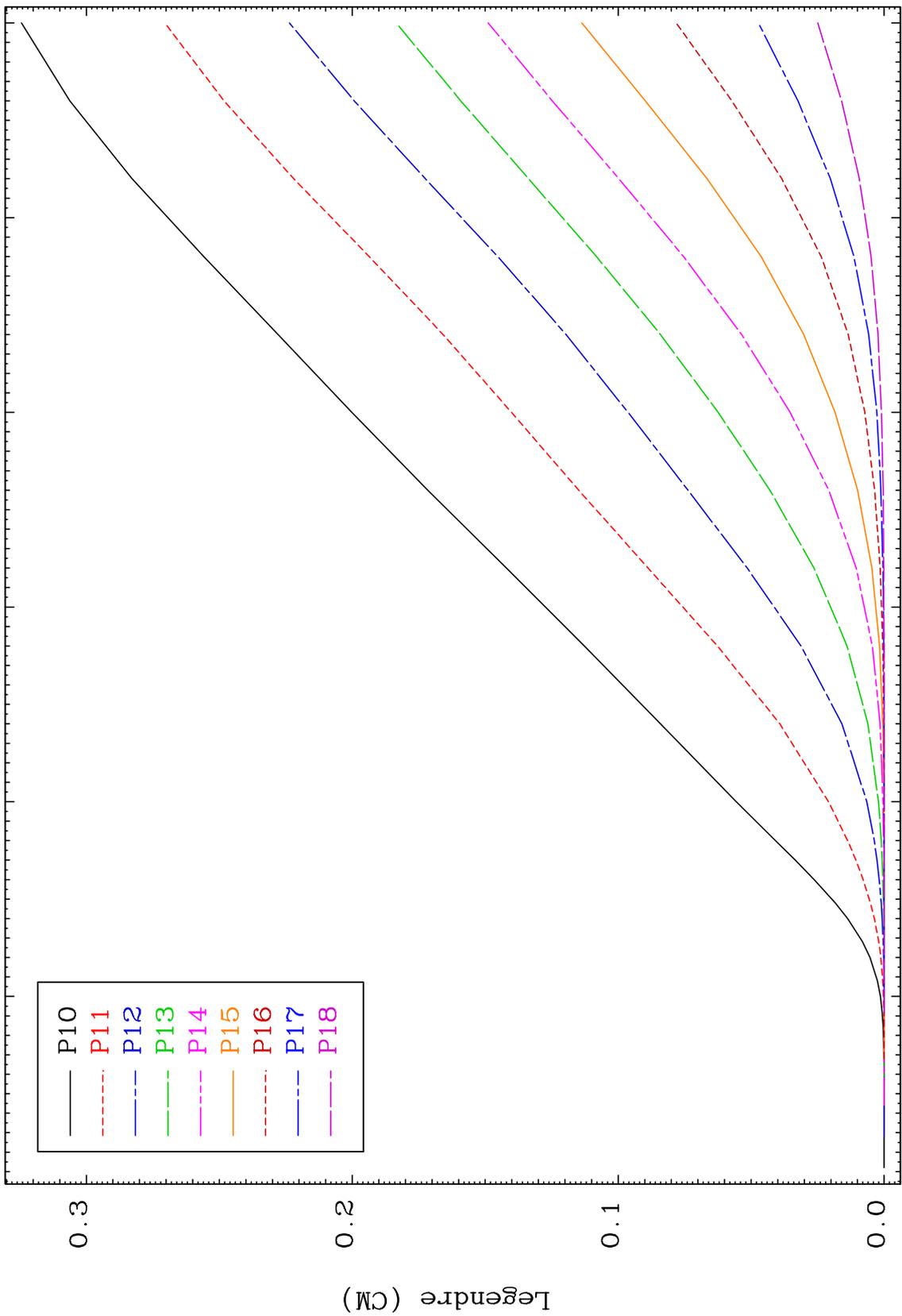
Incident Energy (MeV)

58-Ce-136

MAT 5825

Elastic Legendre Coefficients

58-Ce-136



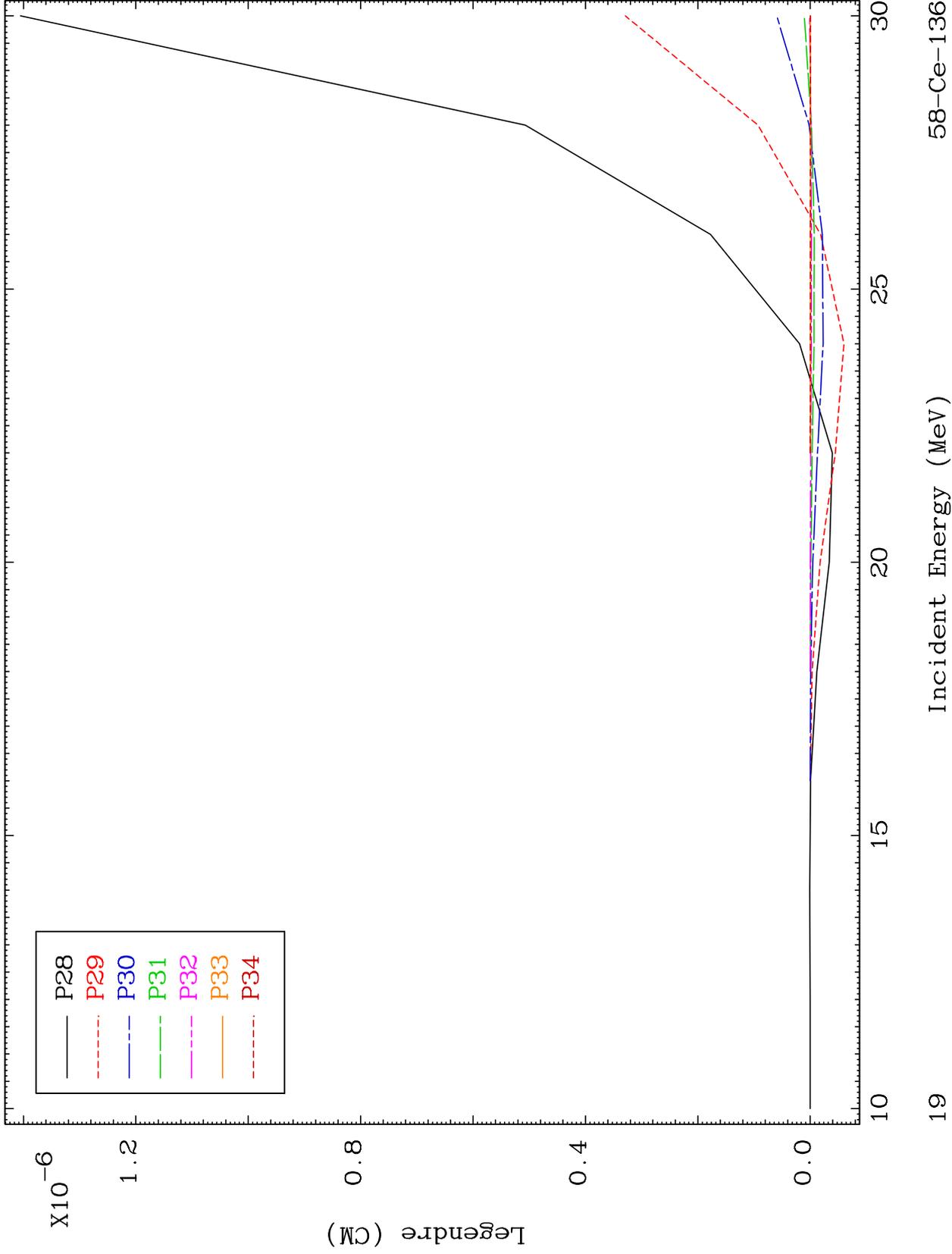
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58-Ce-136

MAT 5825

Elastic Legendre Coefficients

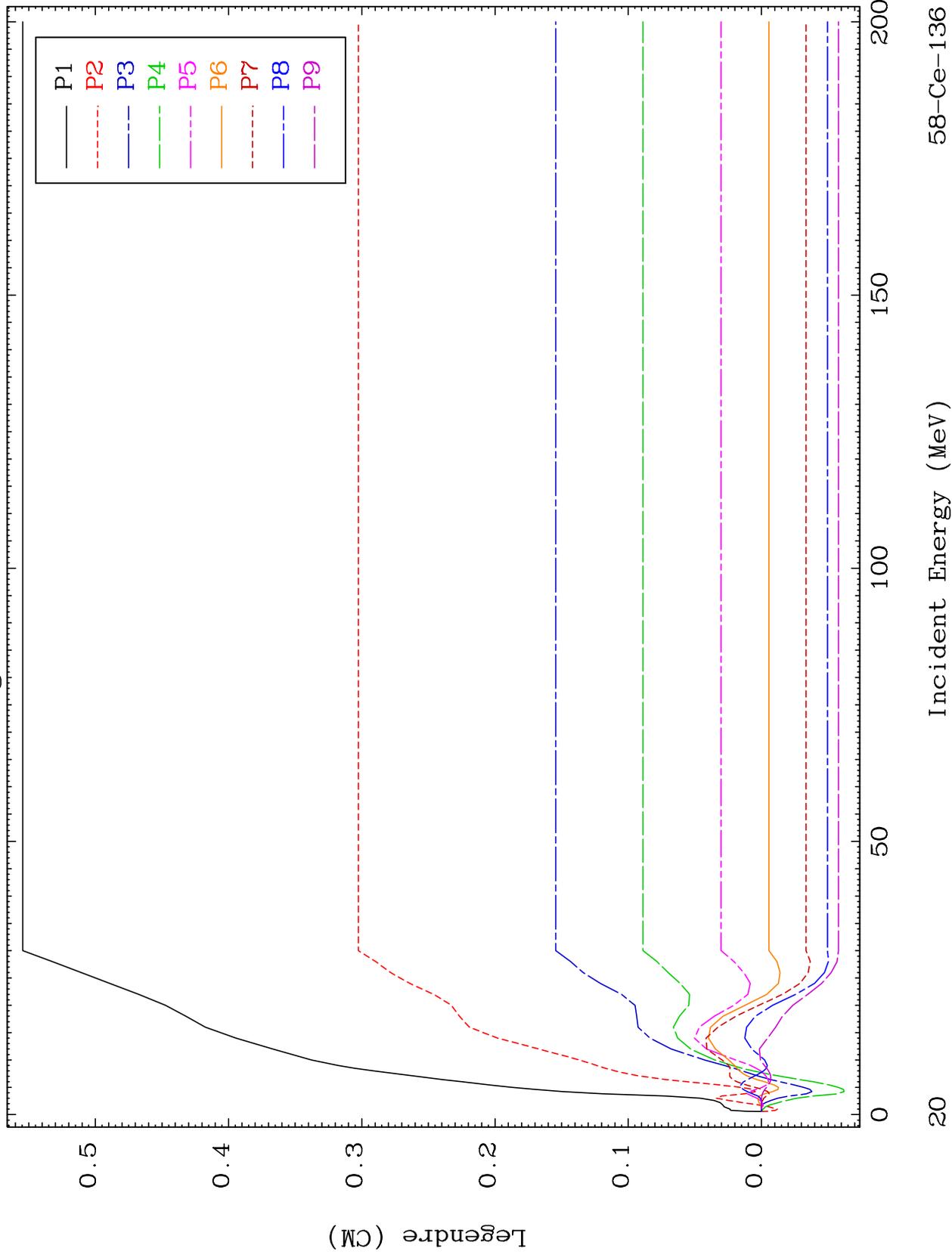
58-Ce-136



MAT 5825

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

58-Ce-136



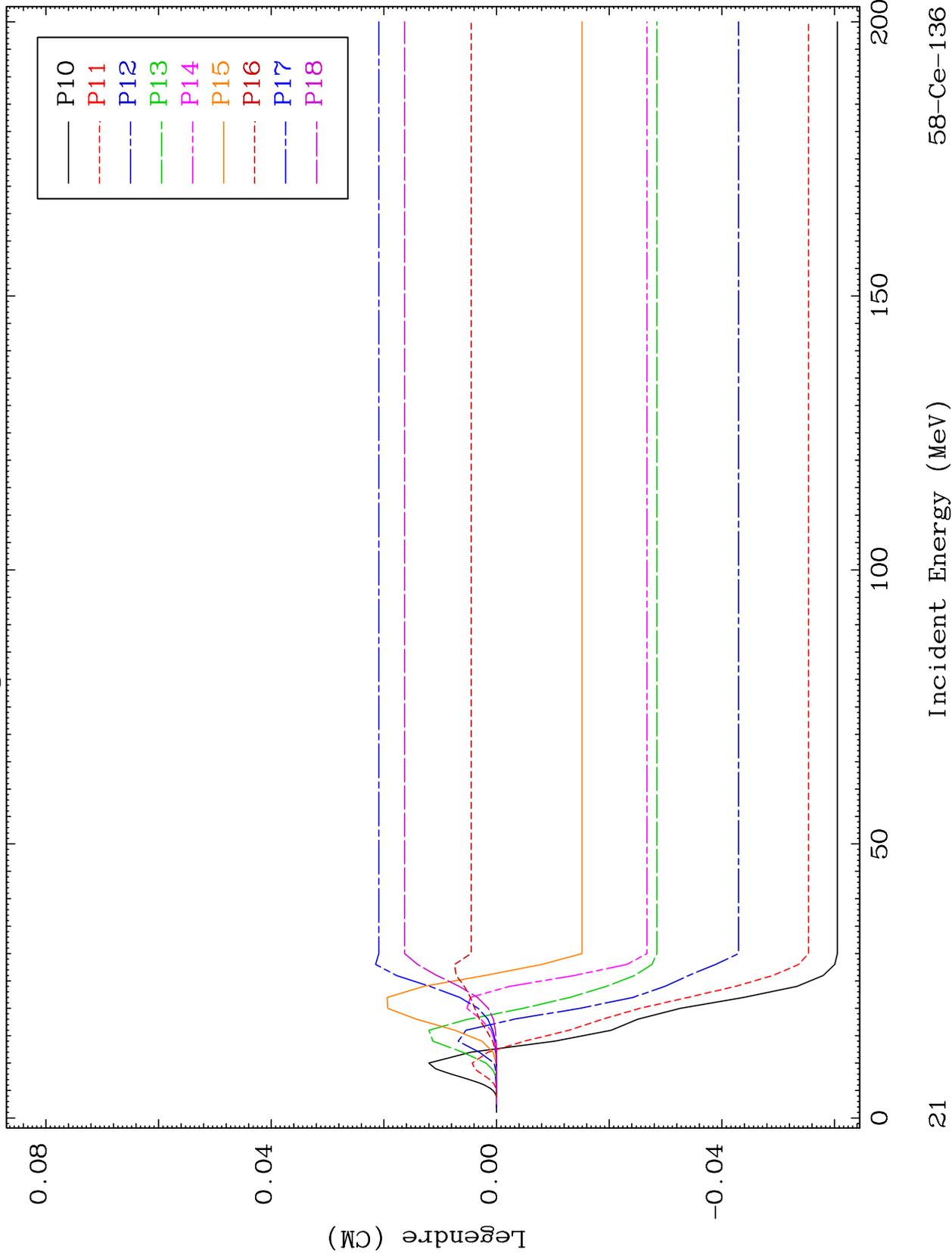
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Incident Energy (MeV)

MAT 5825

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

58-Ce-136



21

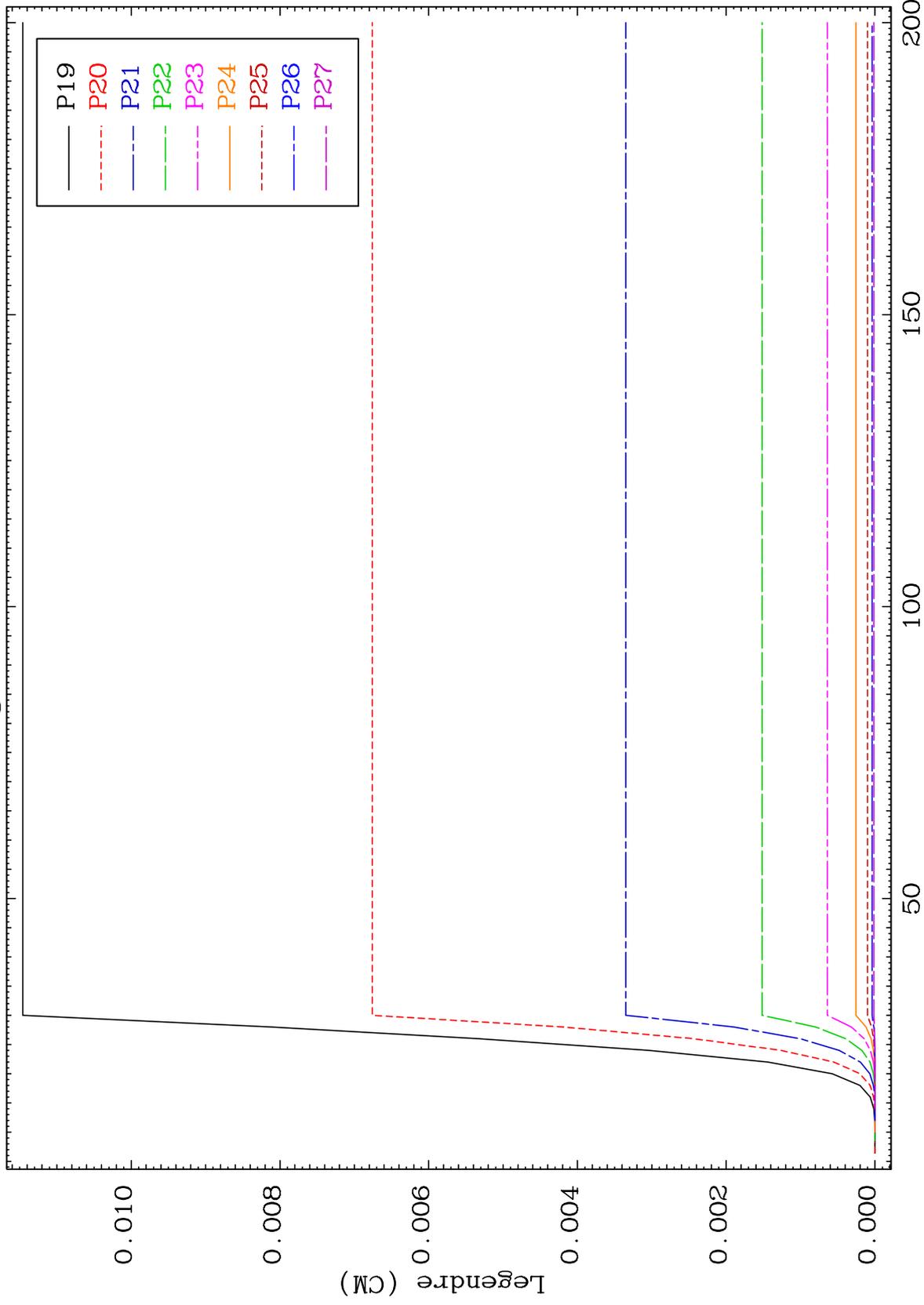
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



22

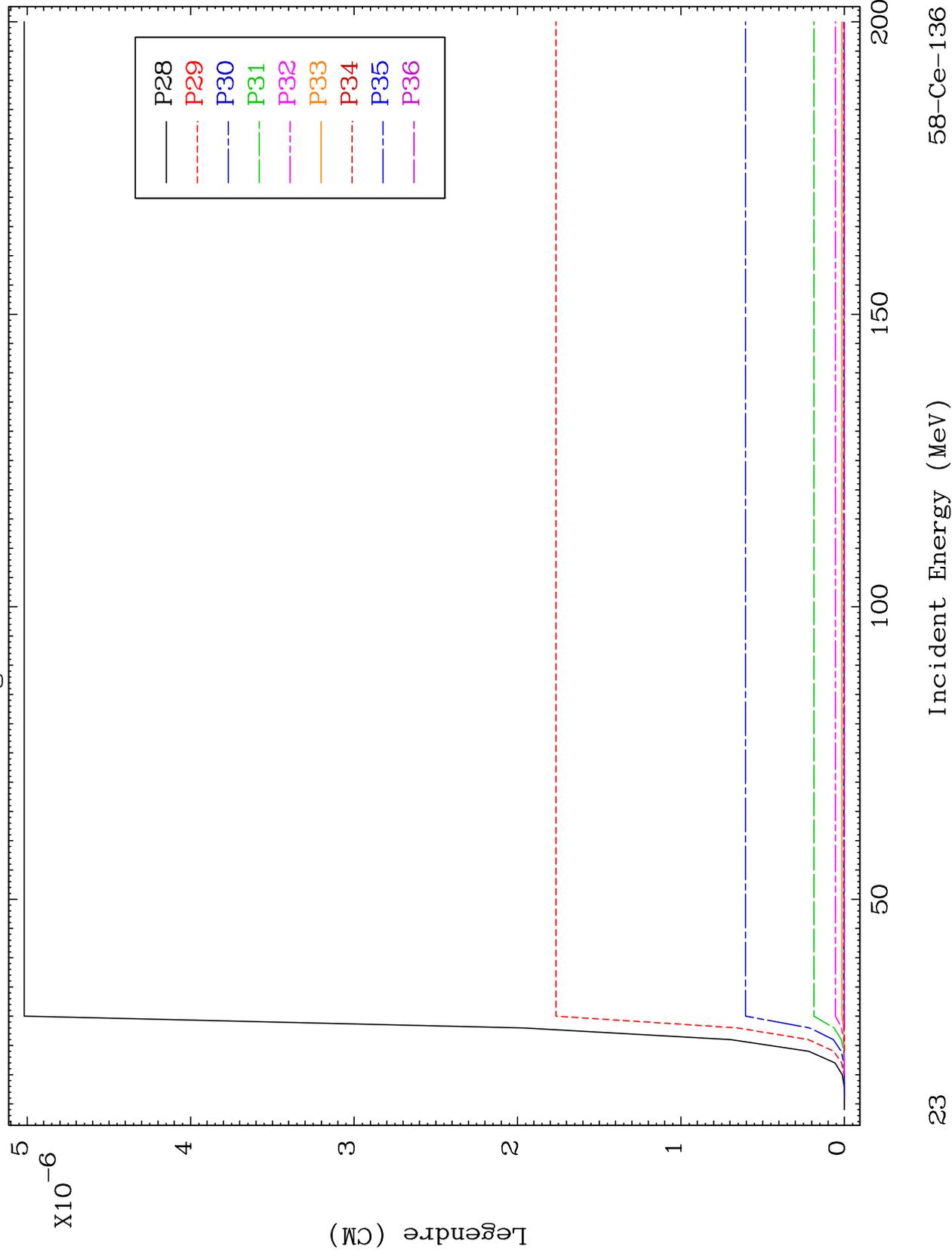
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

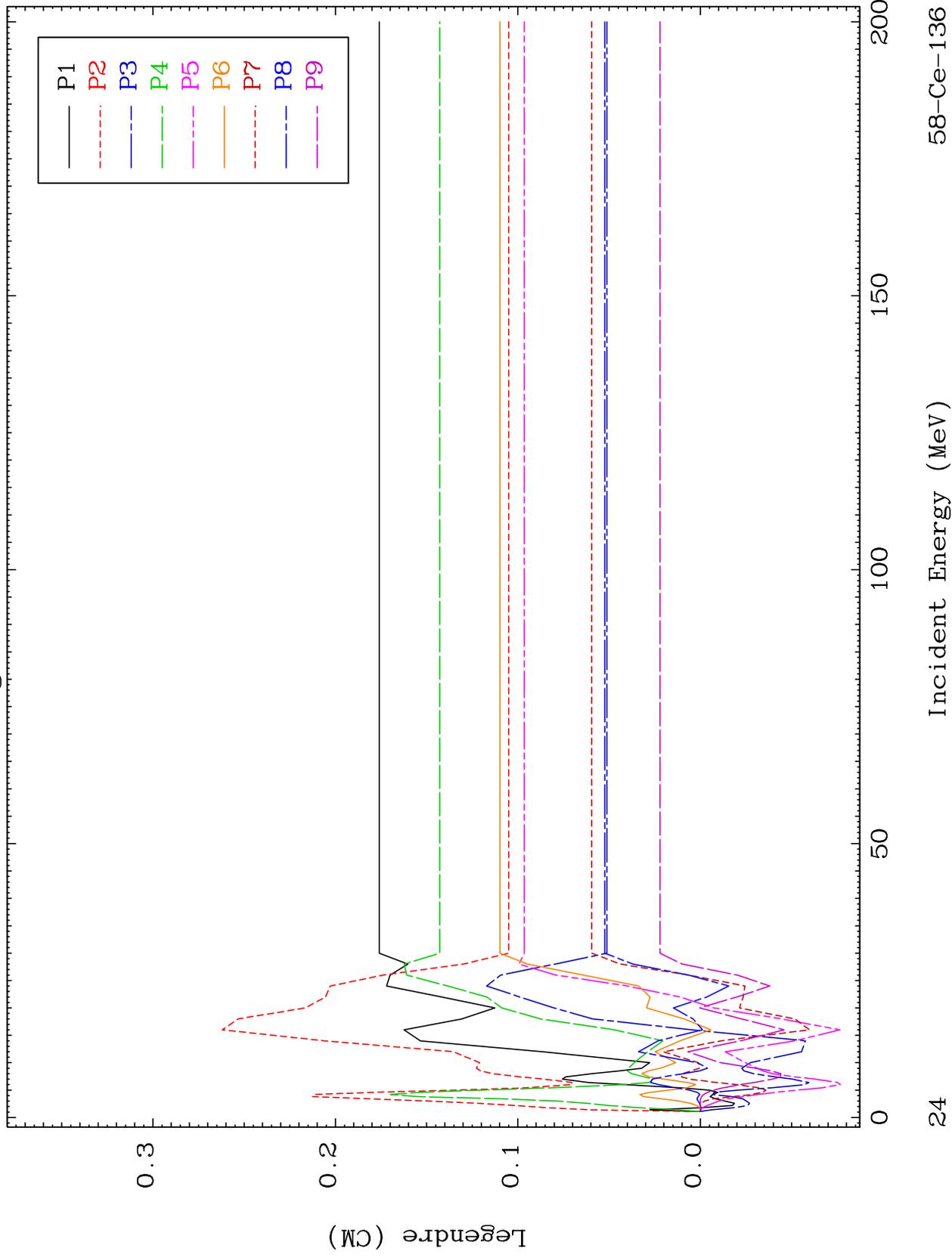
58-Ce-136



MAT 5825

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

58-Ce-136



58-Ce-136

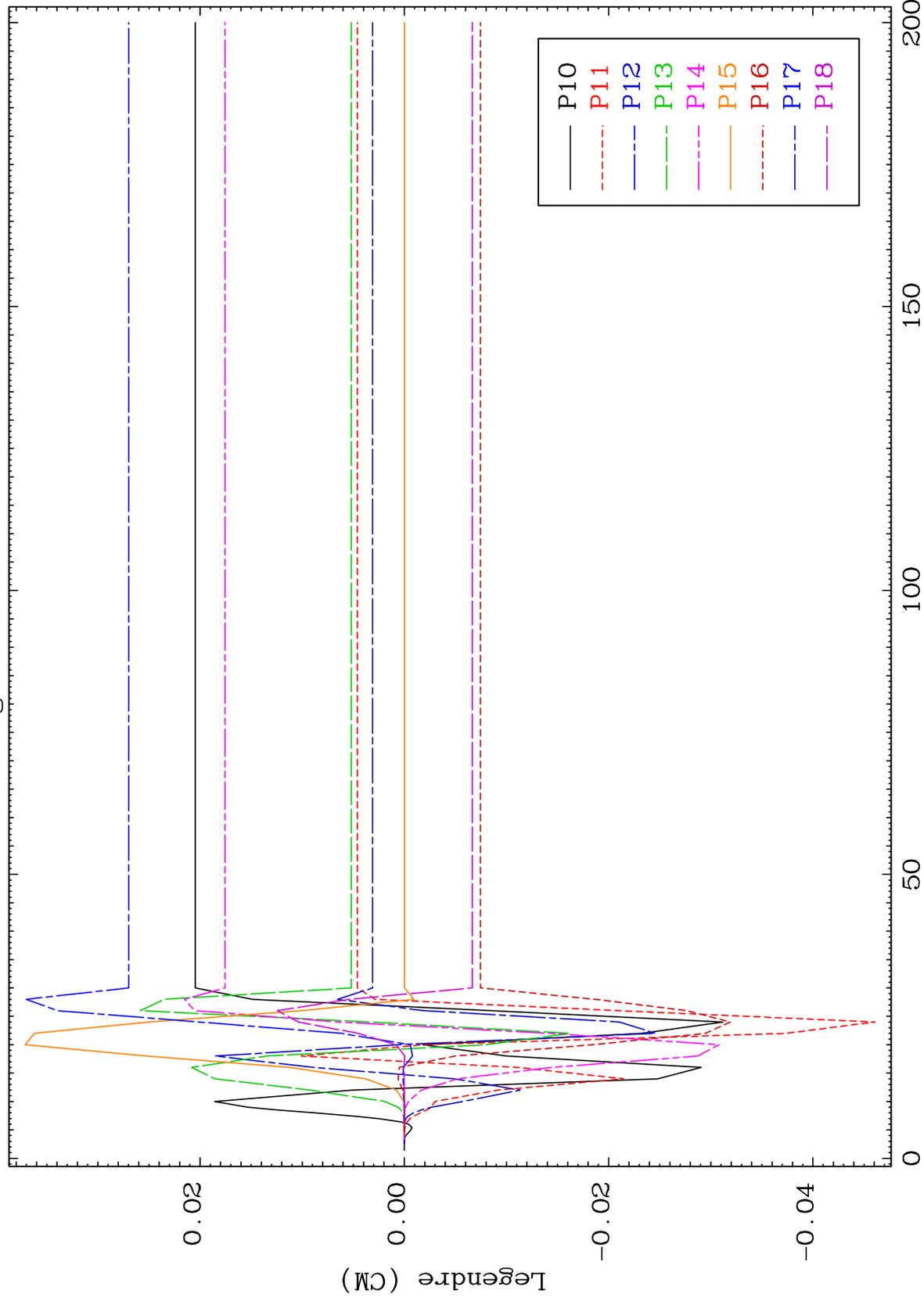
Incident Energy (MeV)

24

MAT 5825

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

58-Ce-136



58-Ce-136

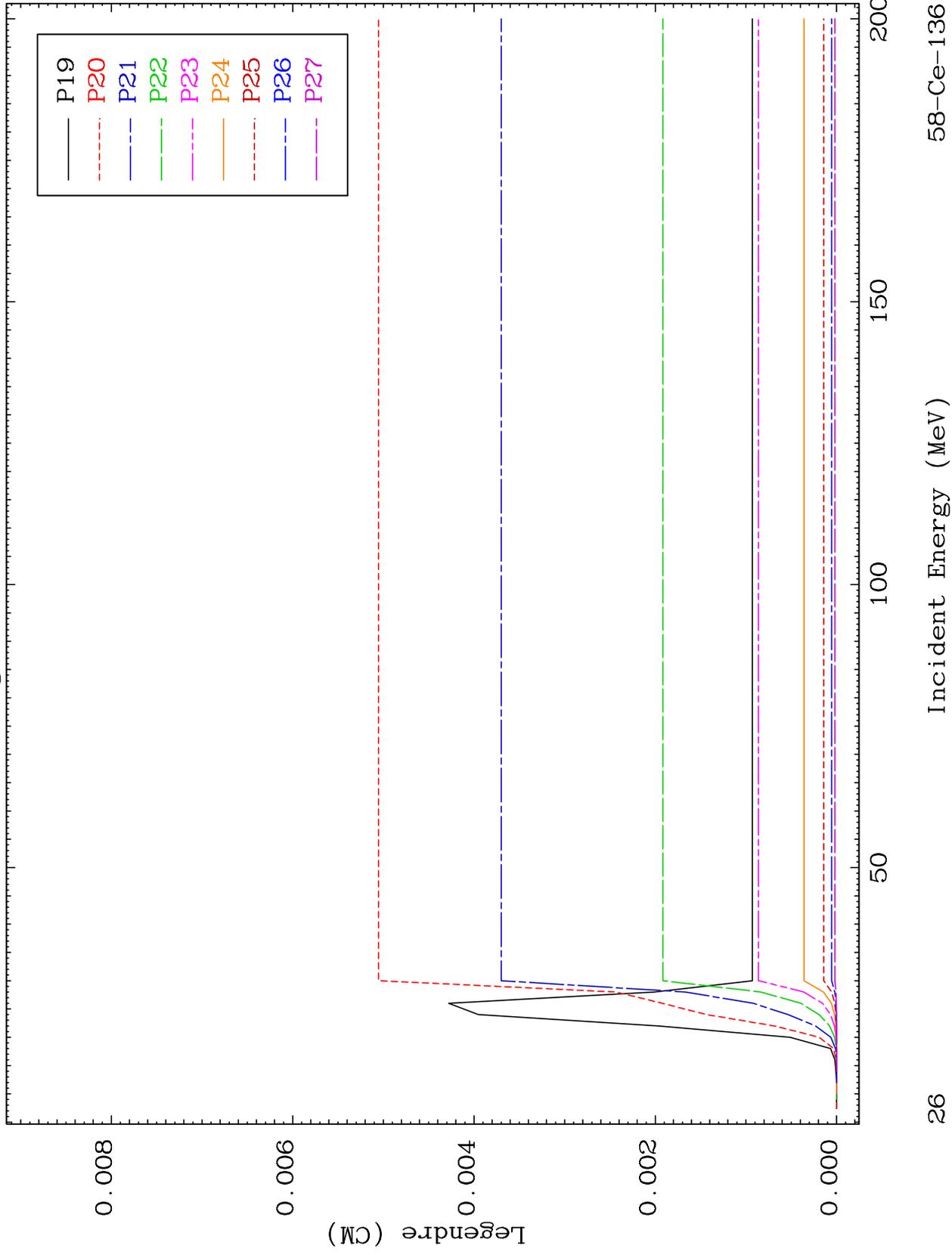
Incident Energy (MeV)

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MAT 5825

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

58-Ce-136



26

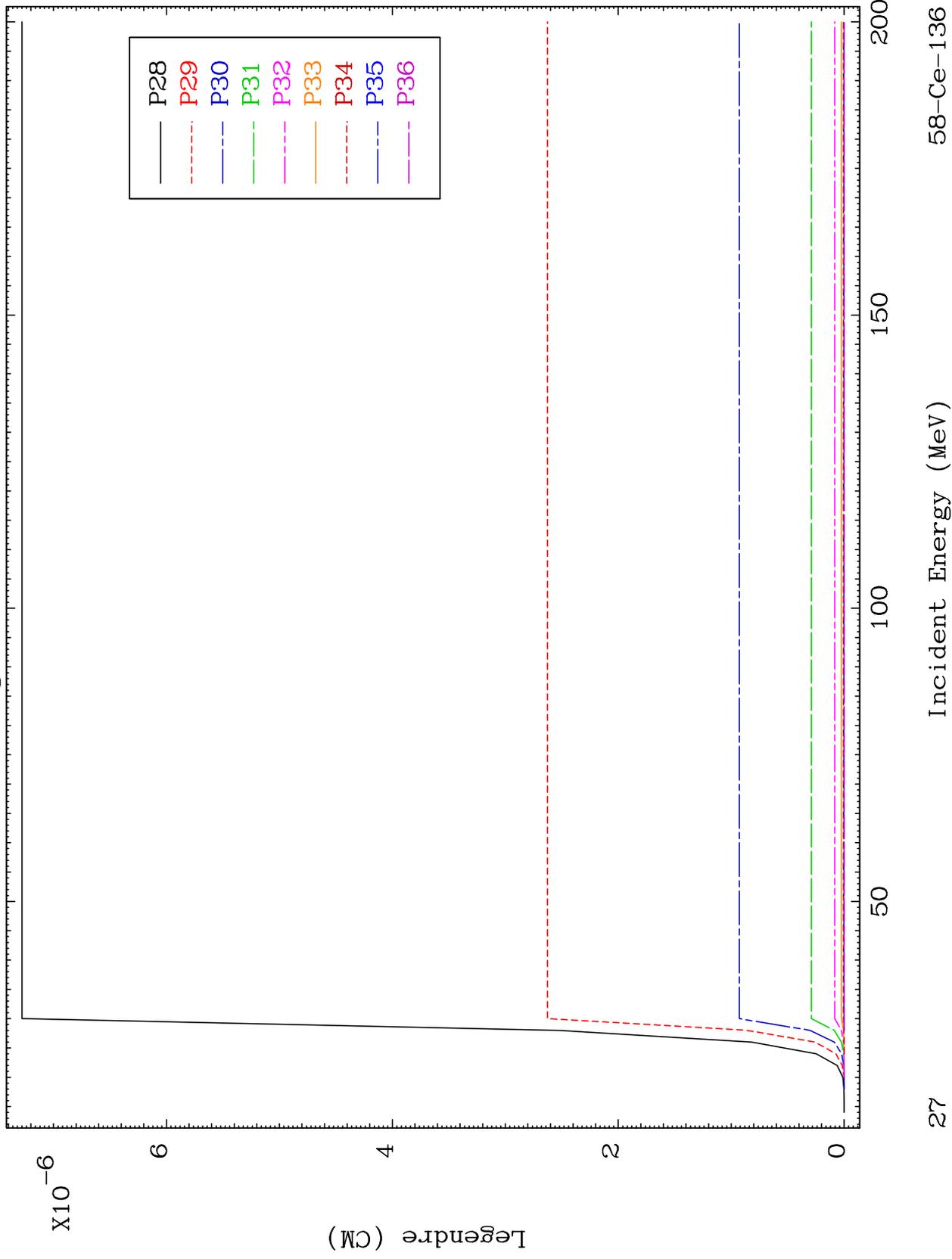
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



27

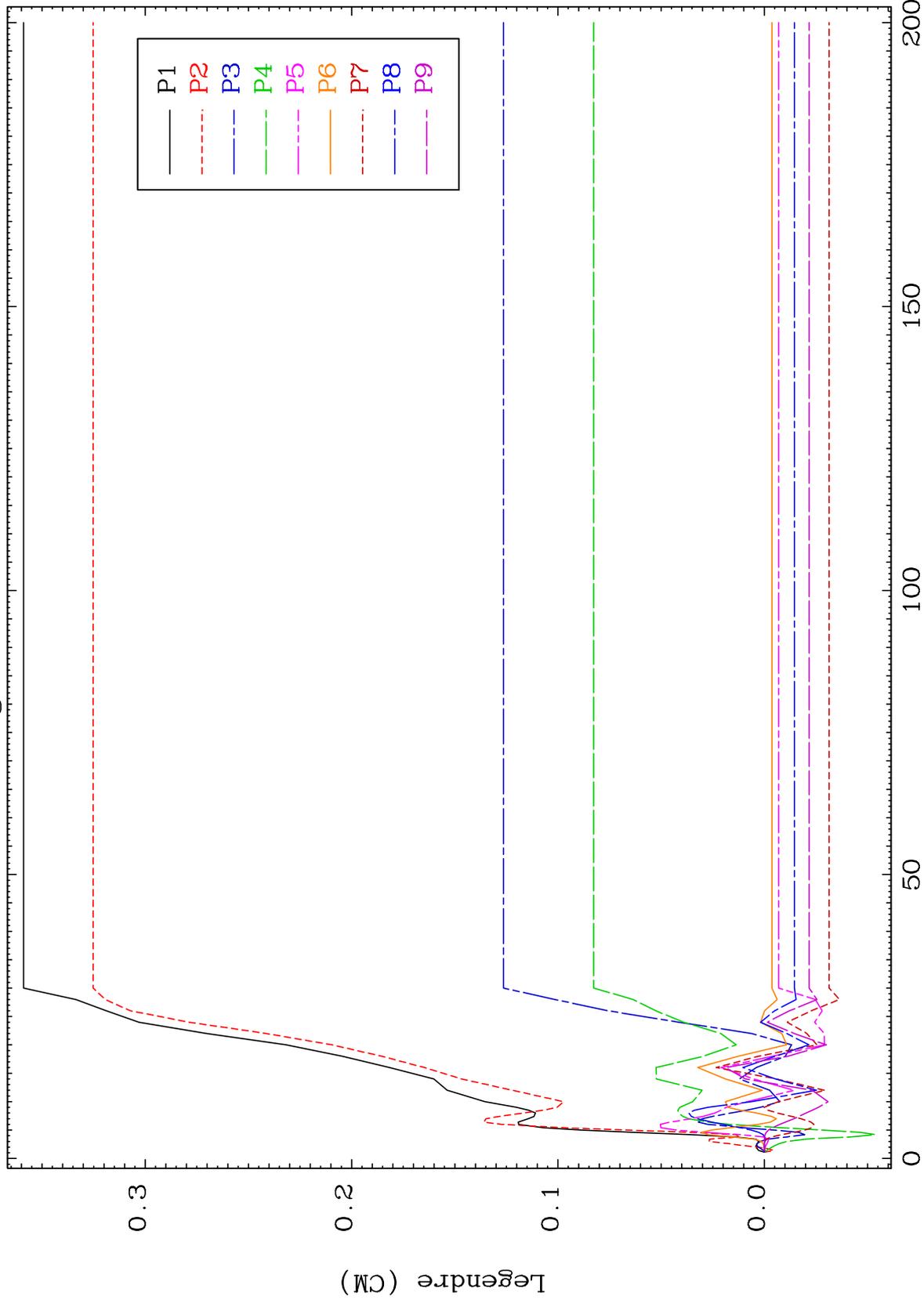
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



28

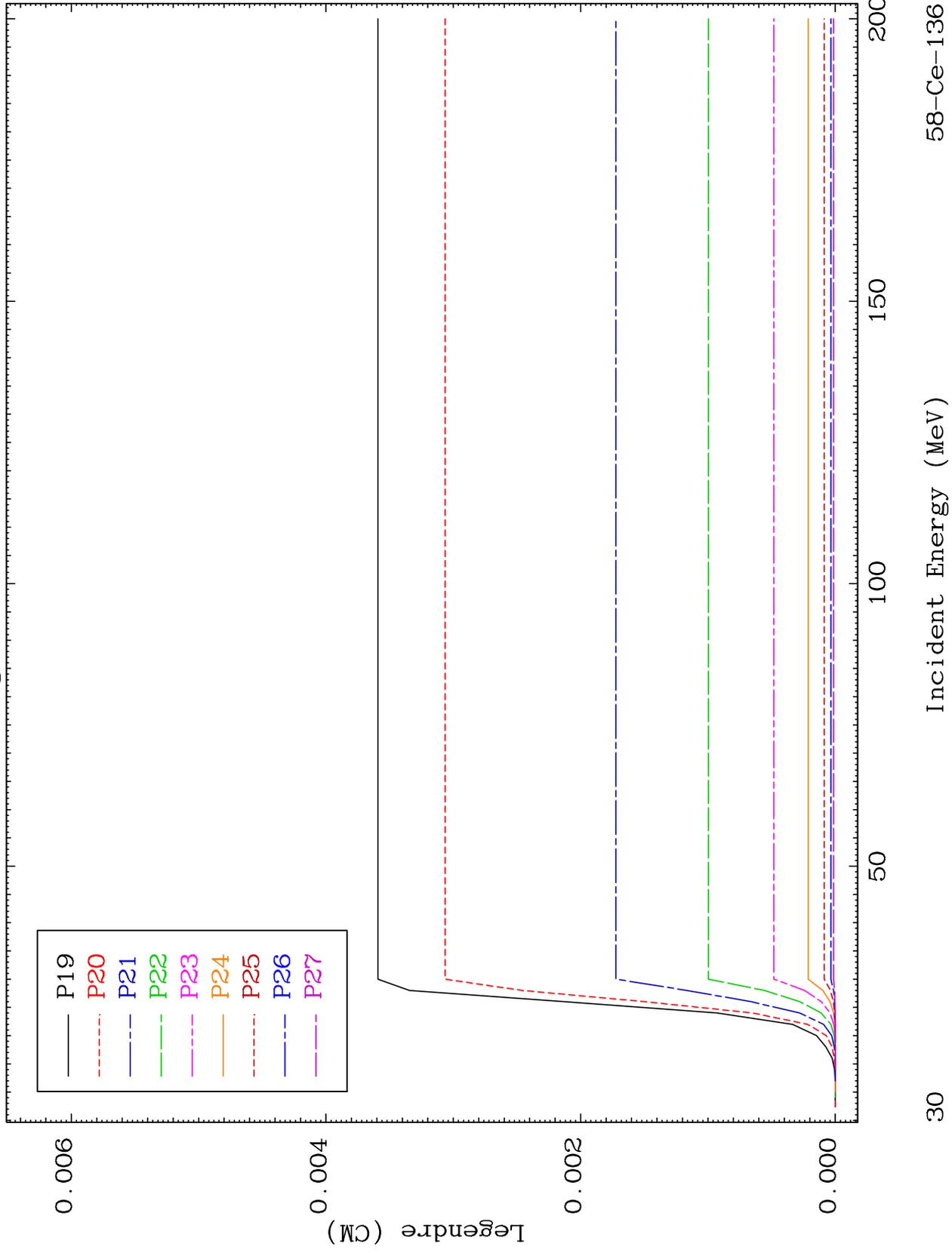
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



58-Ce-136

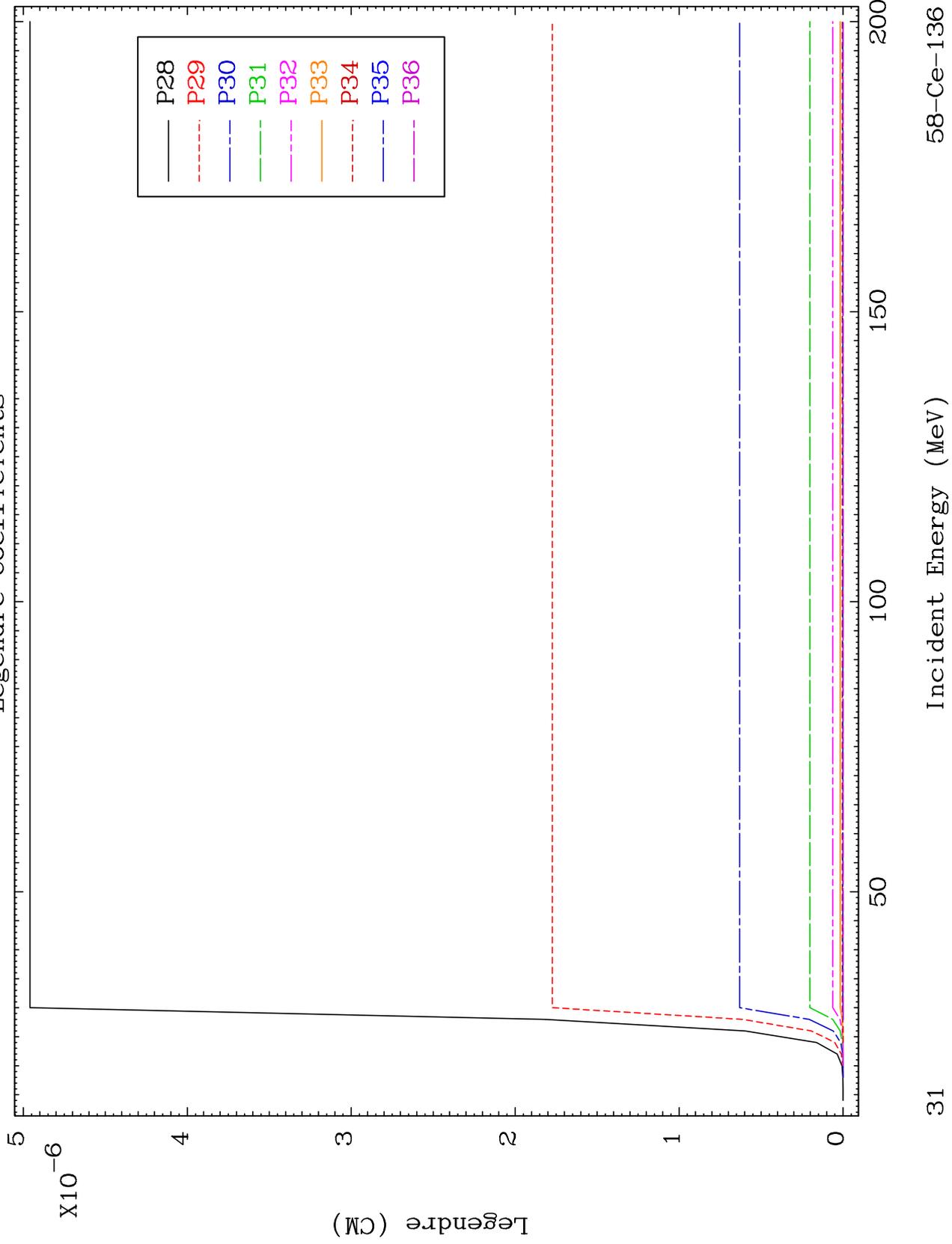
Incident Energy (MeV)

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MAT 5825

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

58-Ce-136

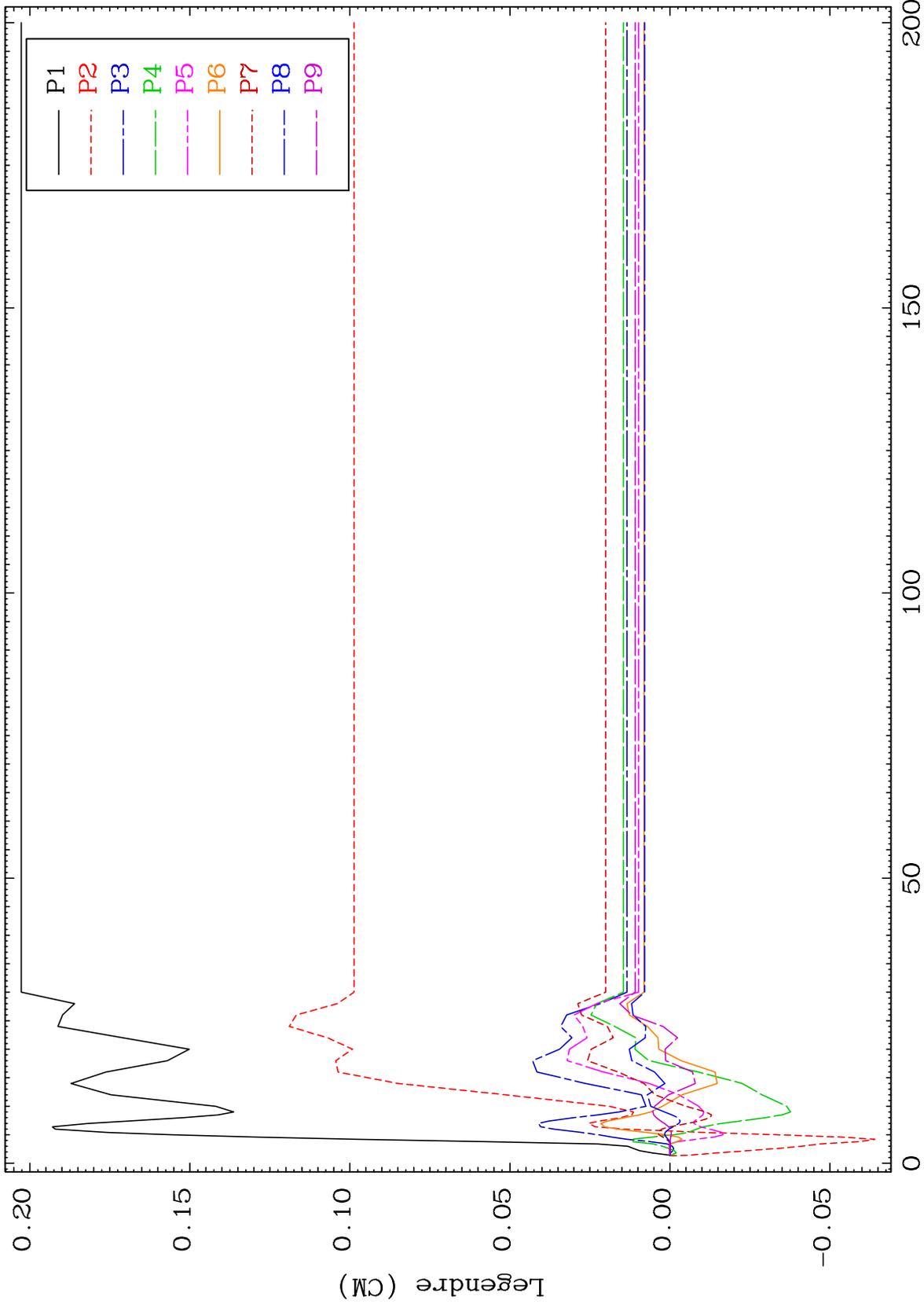


31

MAT 5825

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

58-Ce-136



32

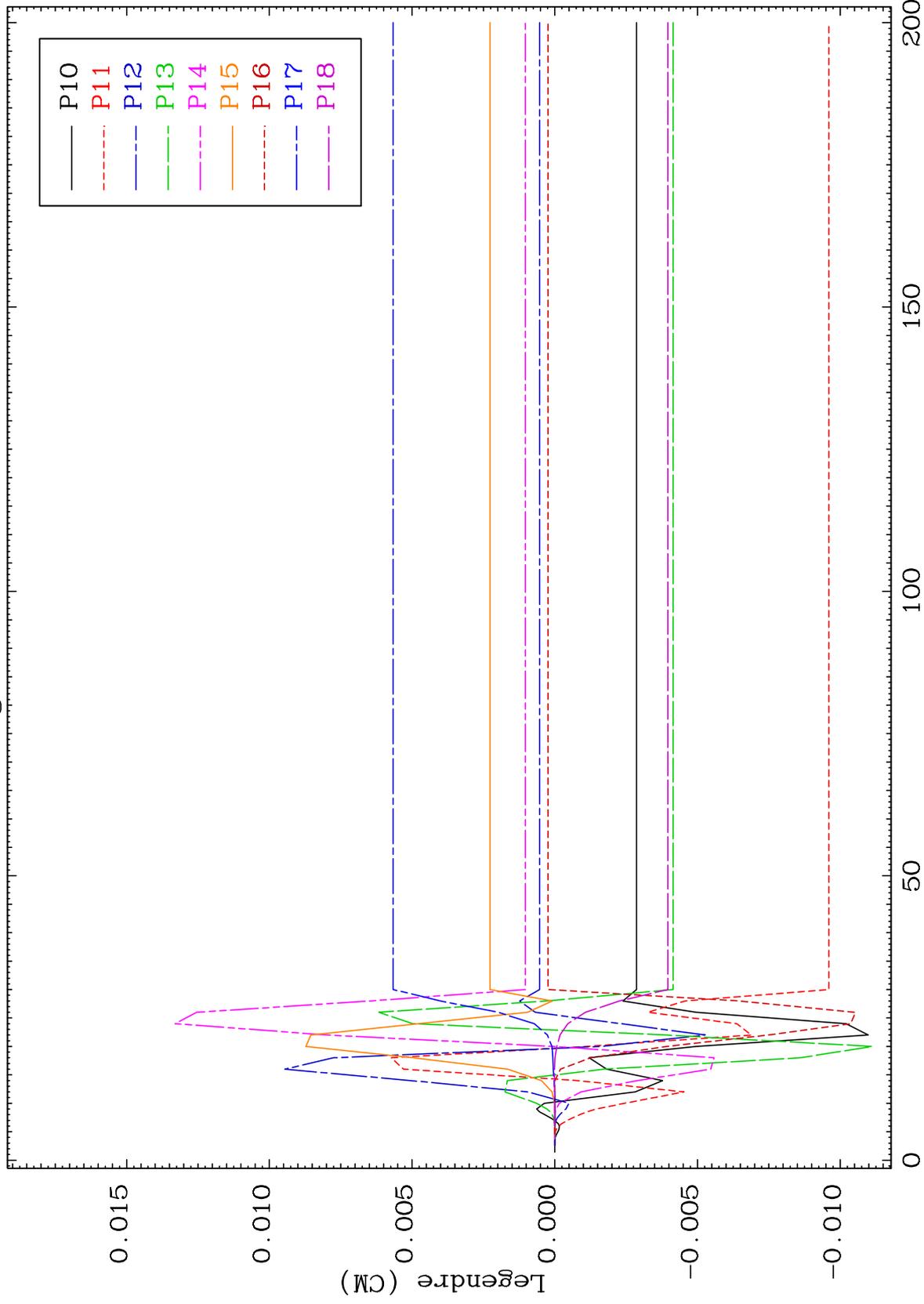
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



33

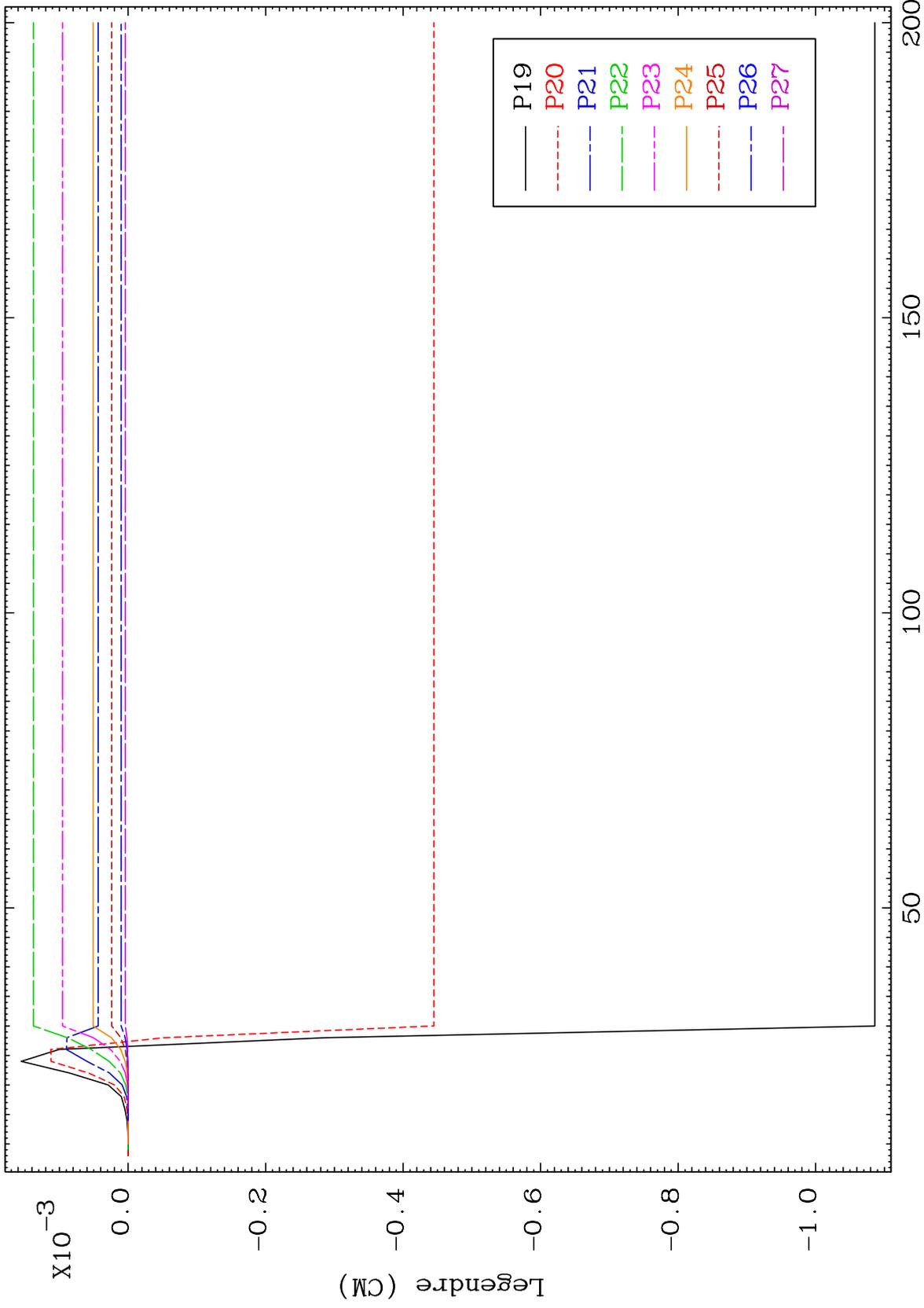
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



34

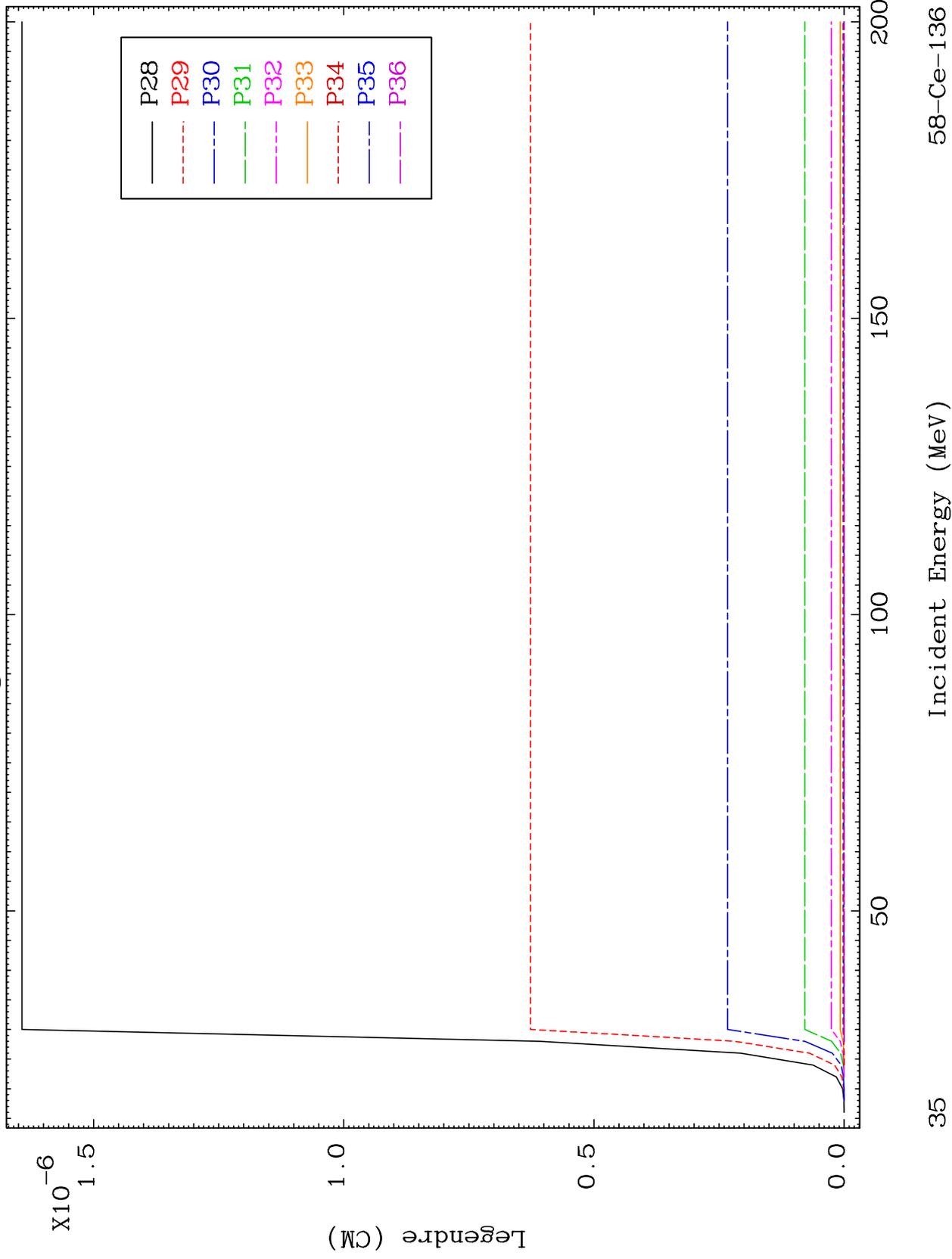
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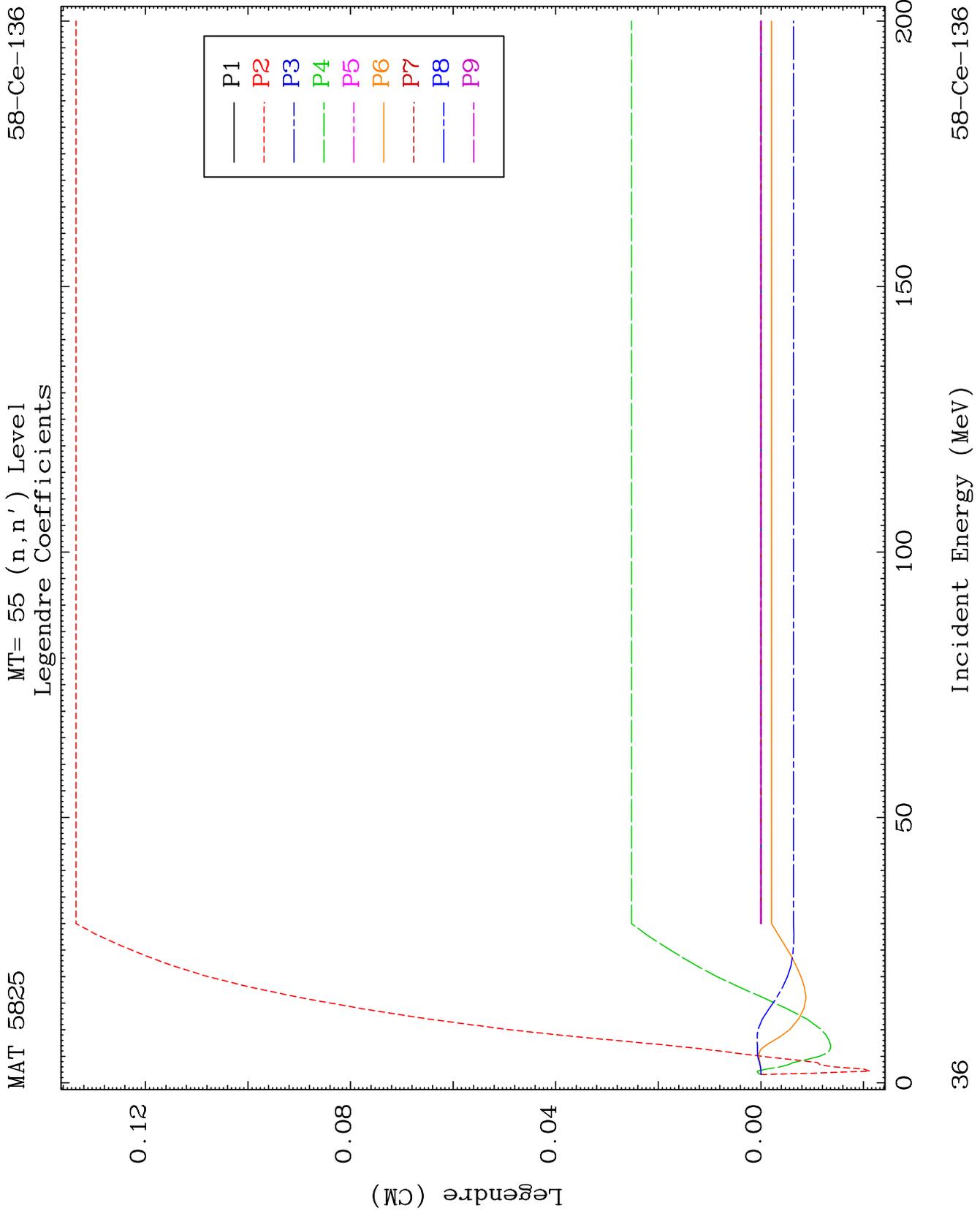
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MAT 5825

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

58-Ce-136

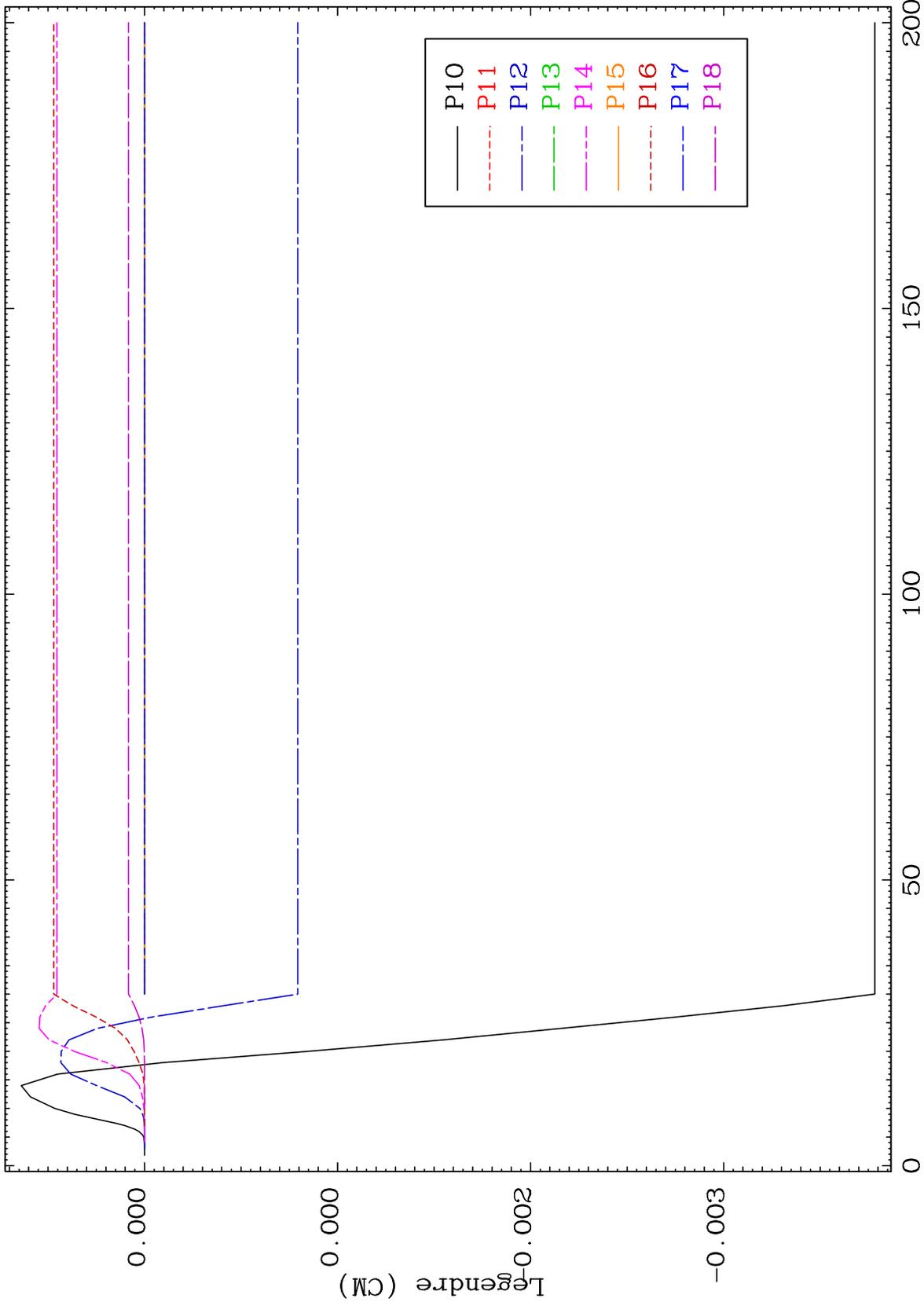




MAT 5825

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

58-Ce-136



37

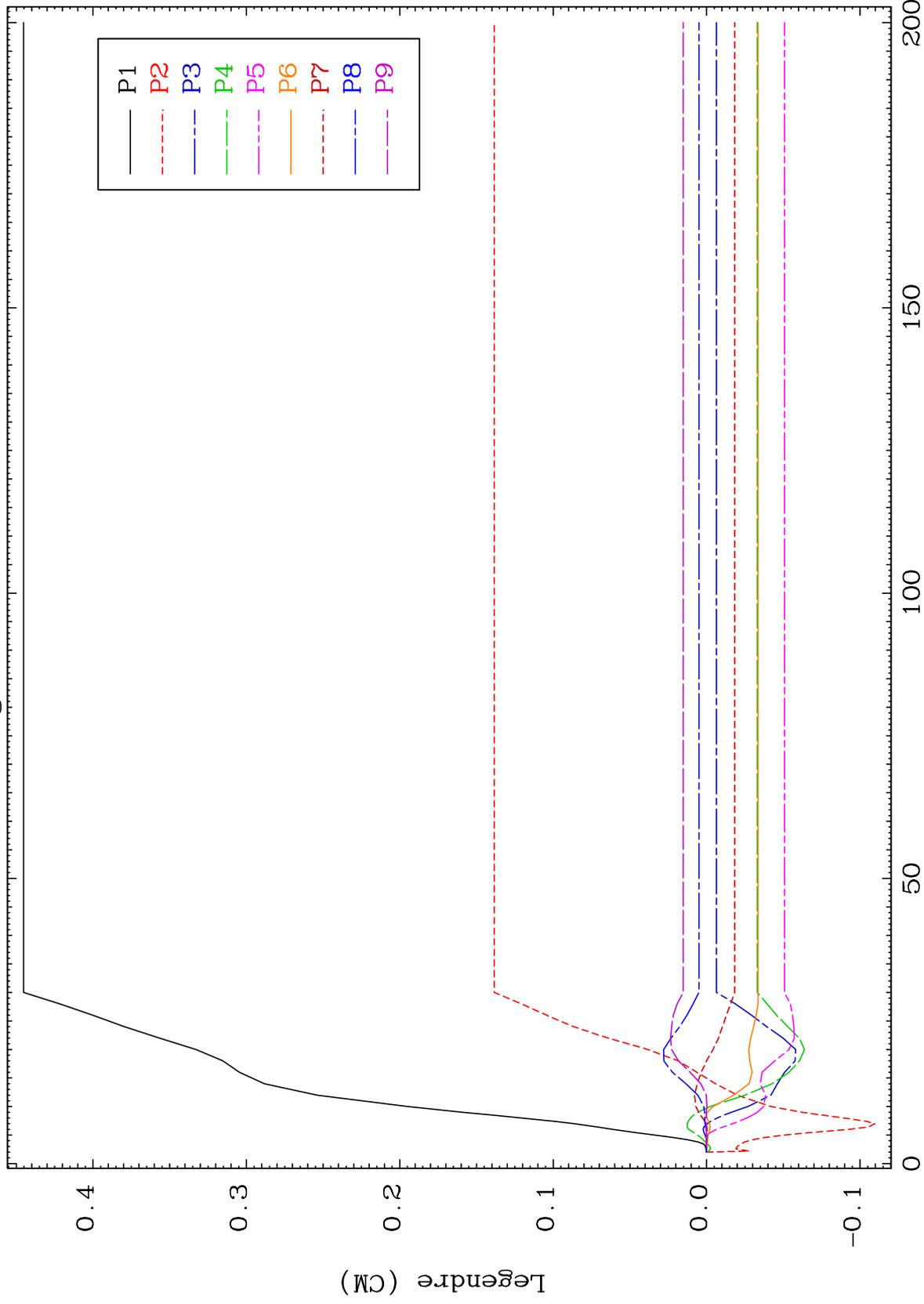
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



39

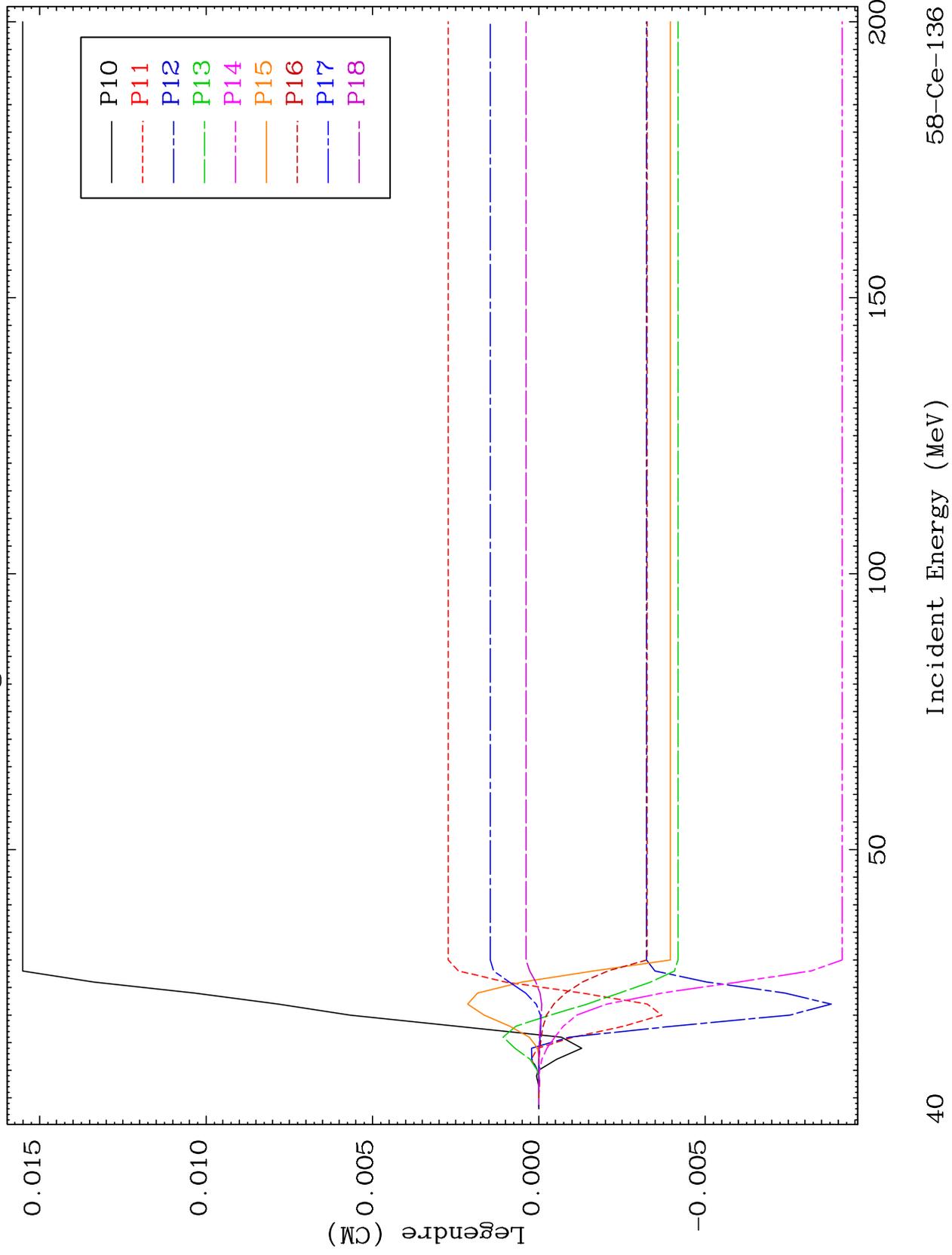
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



58-Ce-136

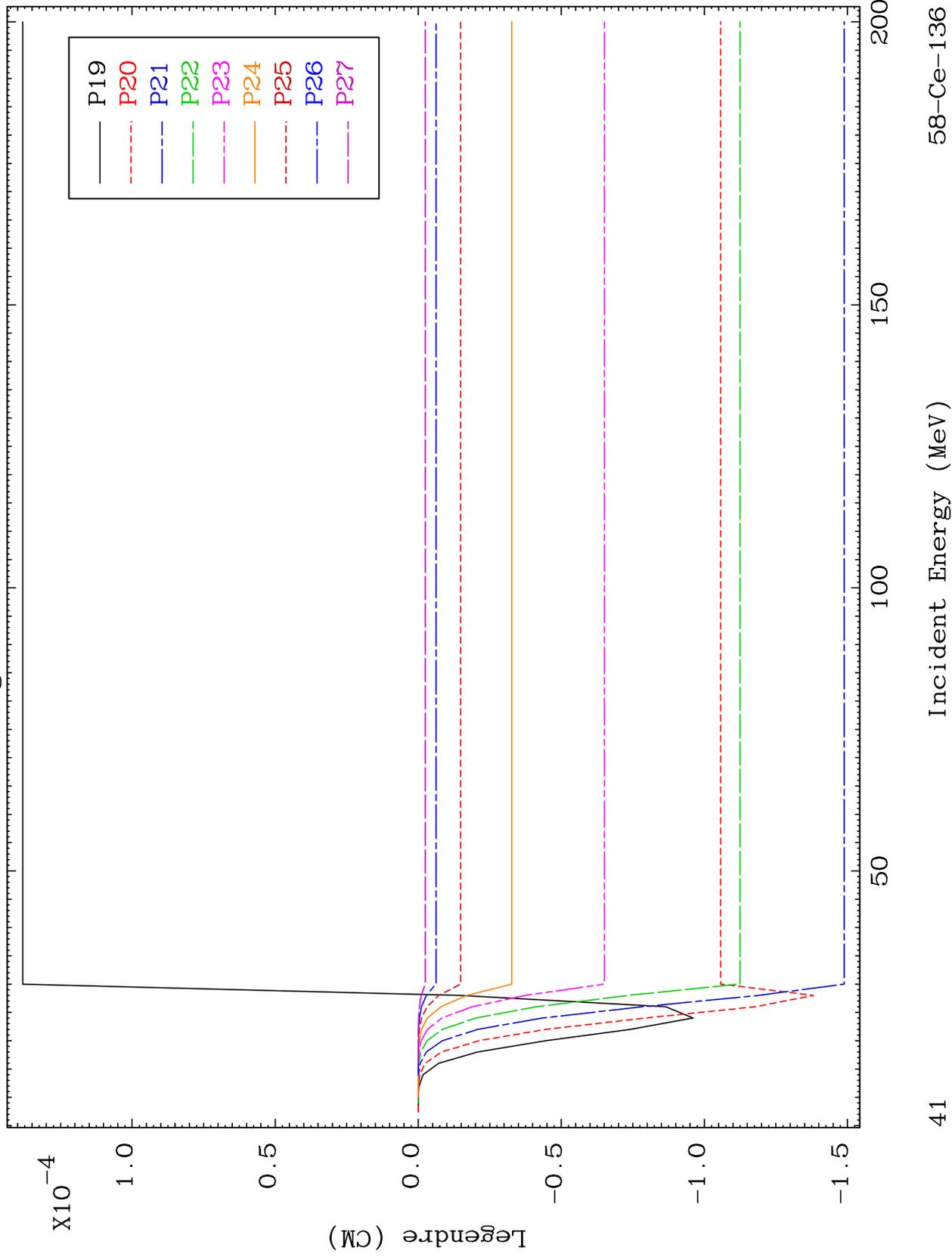
Incident Energy (MeV)

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MAT 5825

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

58-Ce-136

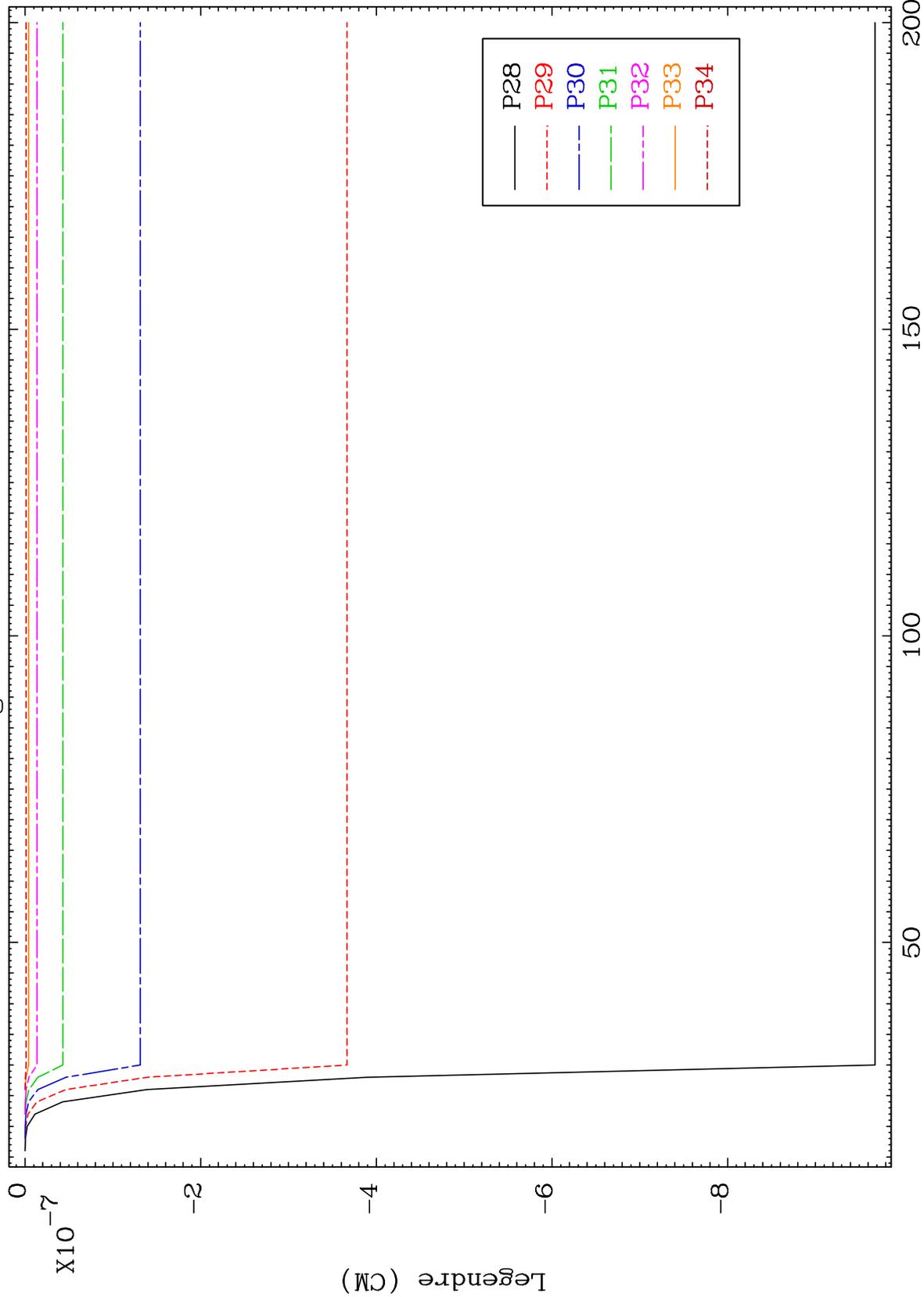


MAT 5825

MT= 56 (n,n') Level

58-Ce-136

Legendre Coefficients



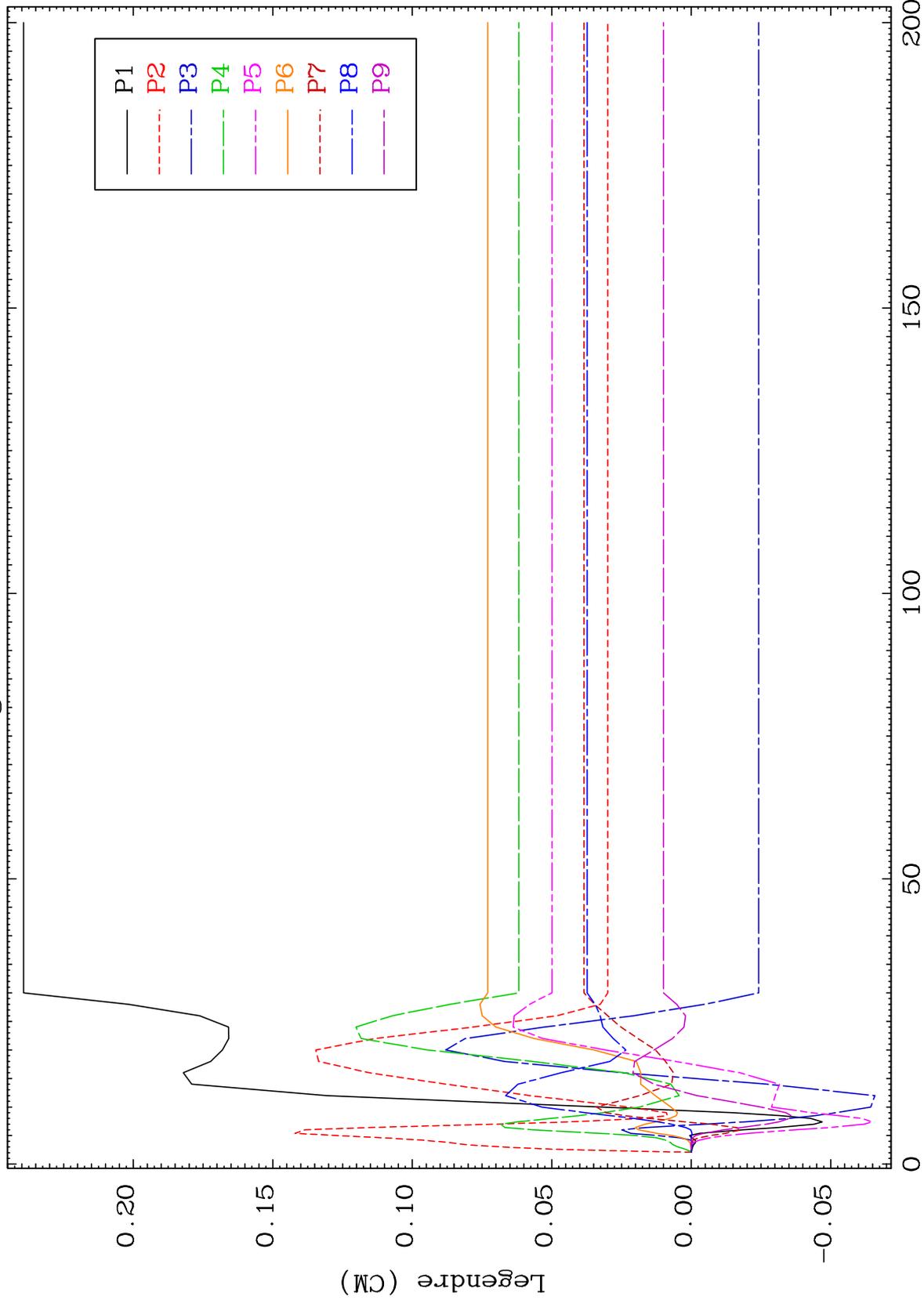
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58-Ce-136

MAT 5825

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

58-Ce-136



43

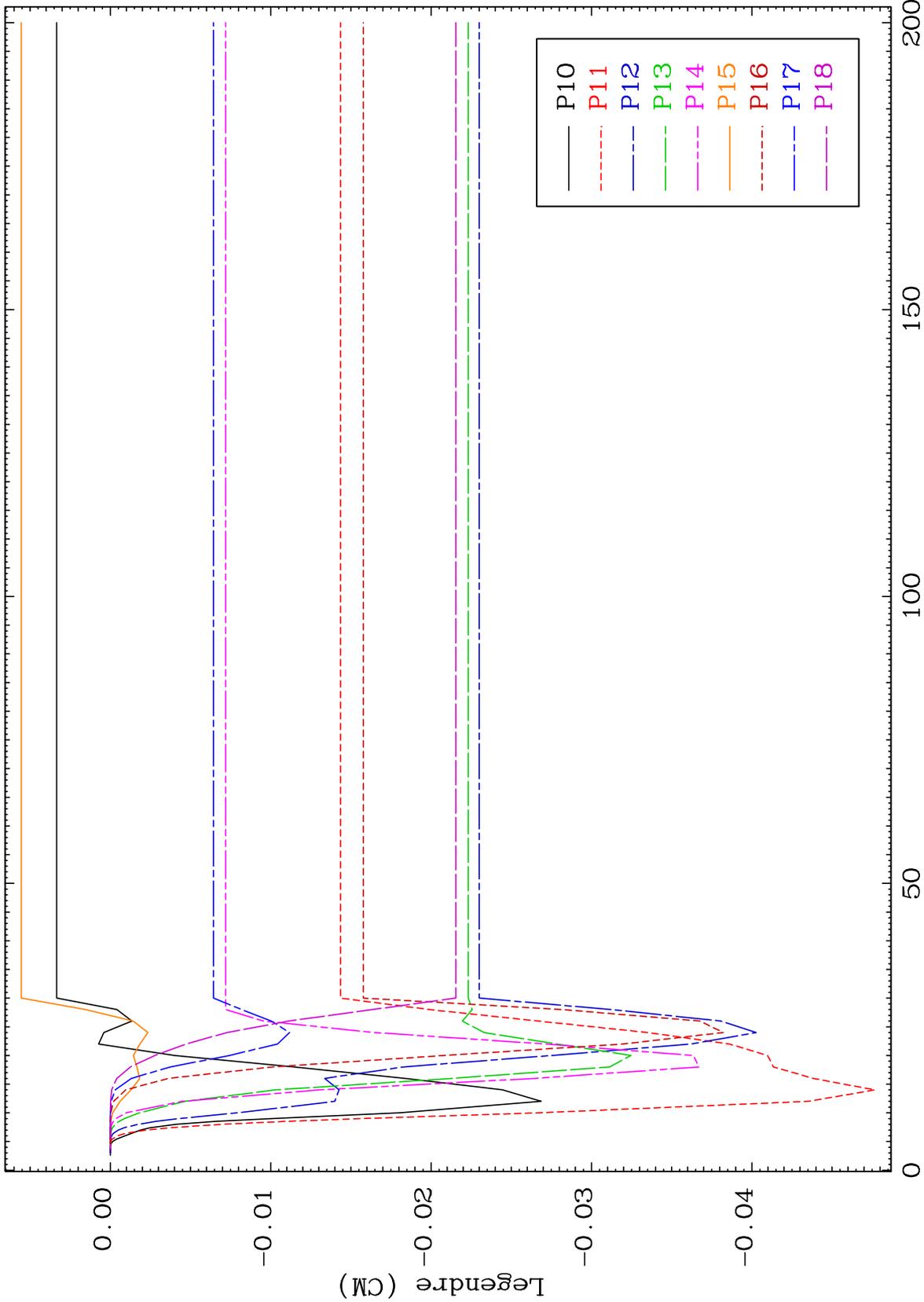
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58-Ce-136

MAT 5825

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

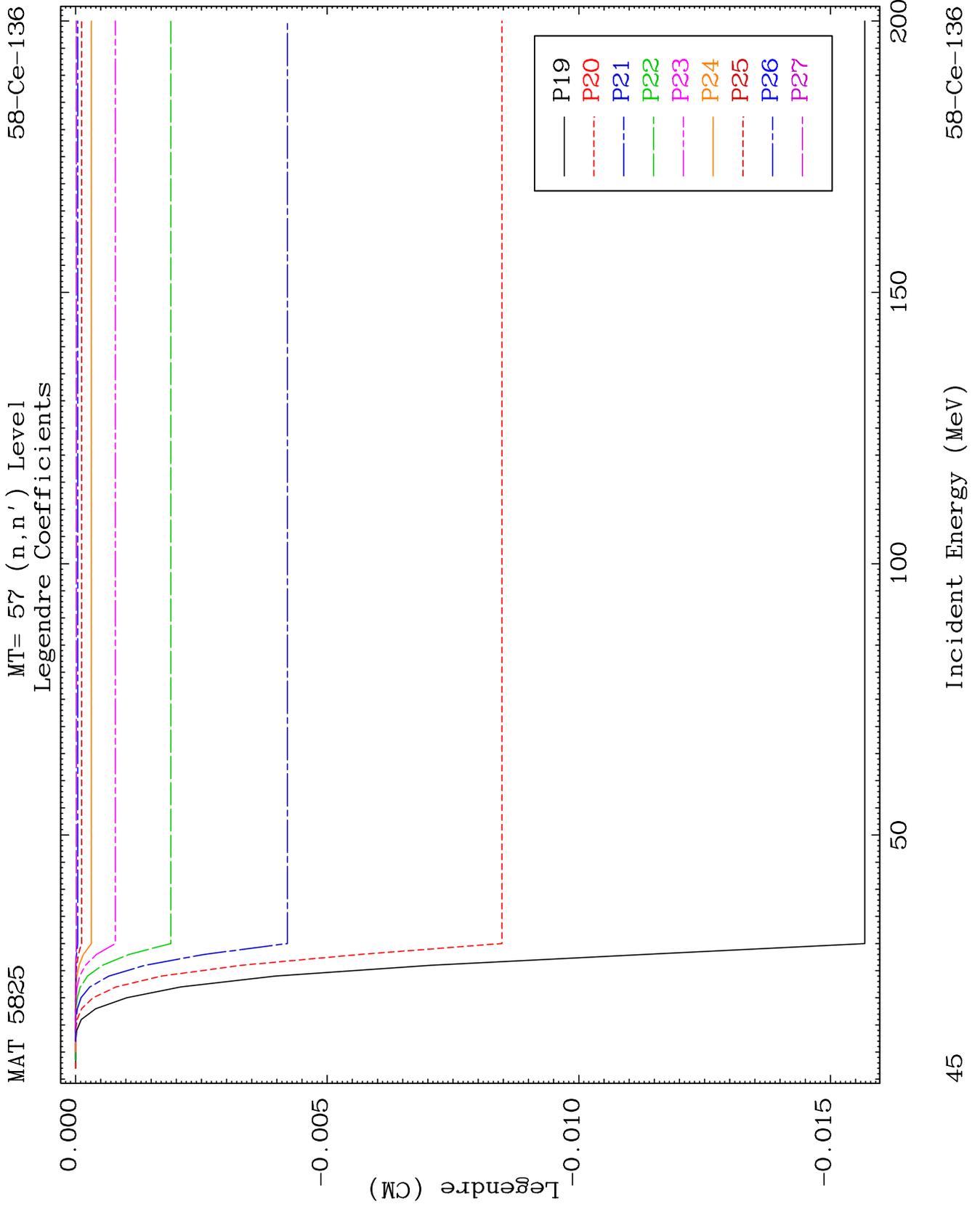
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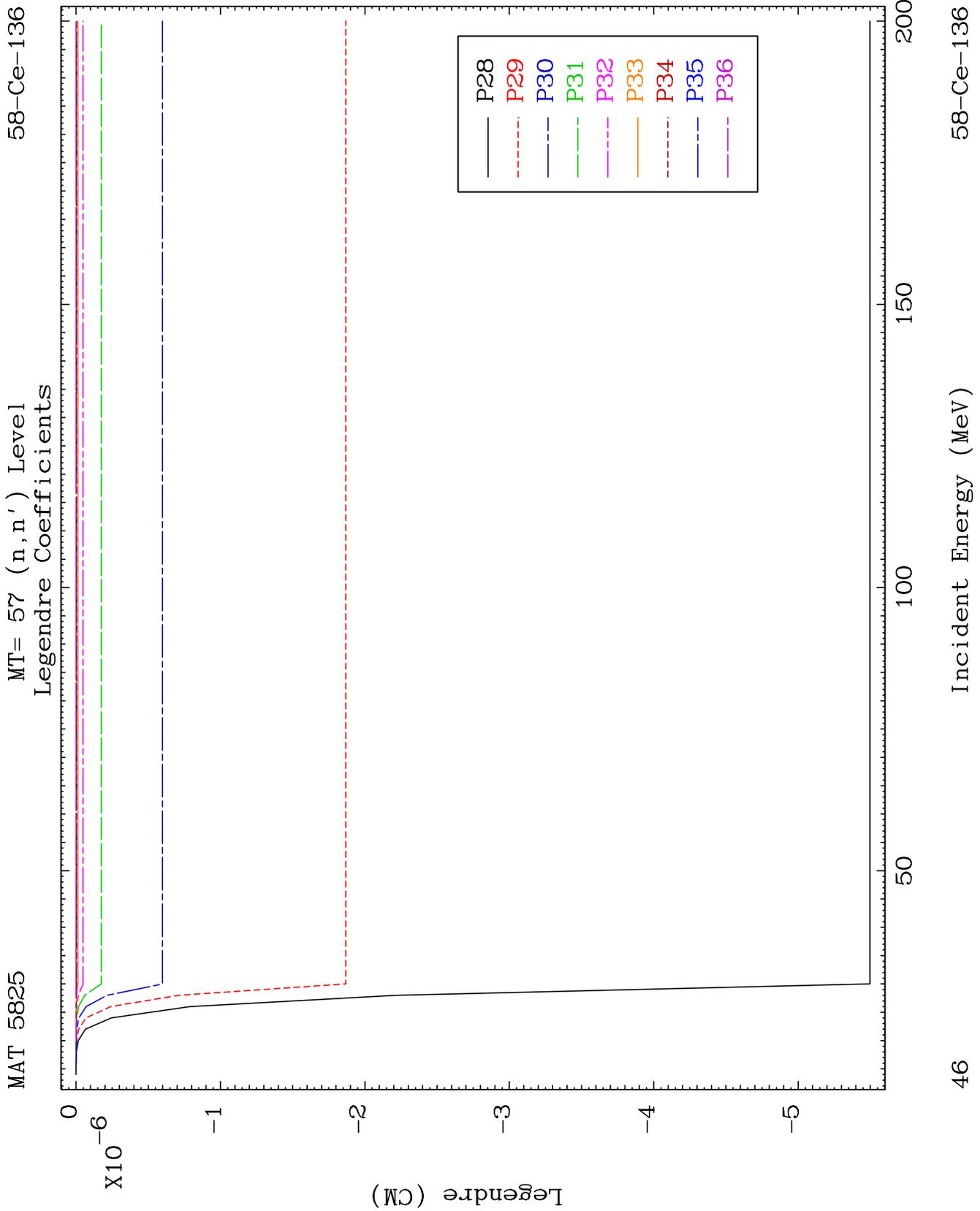


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Incident Energy (MeV)

58-Ce-136

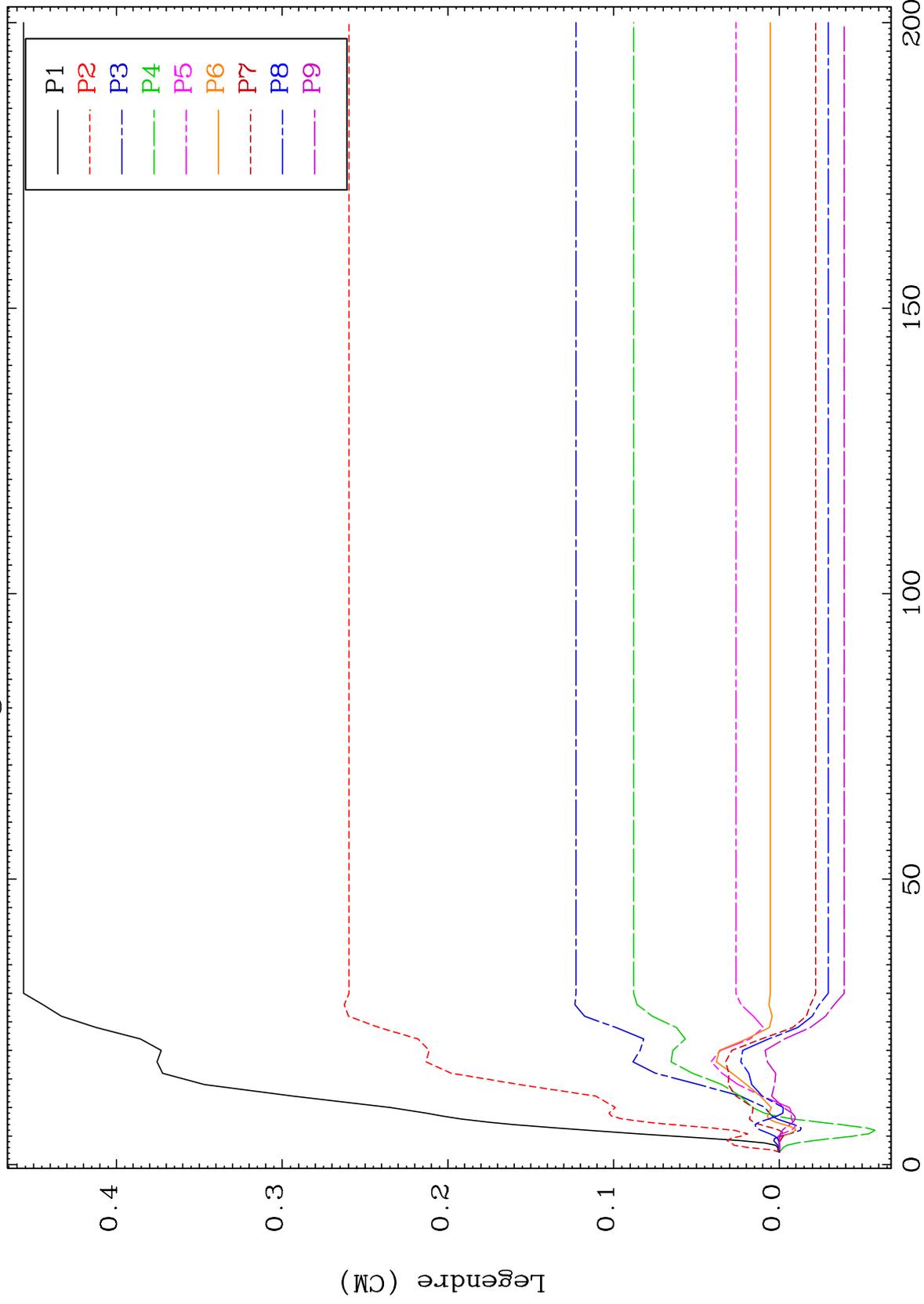




MAT 5825

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

58-Ce-136



47

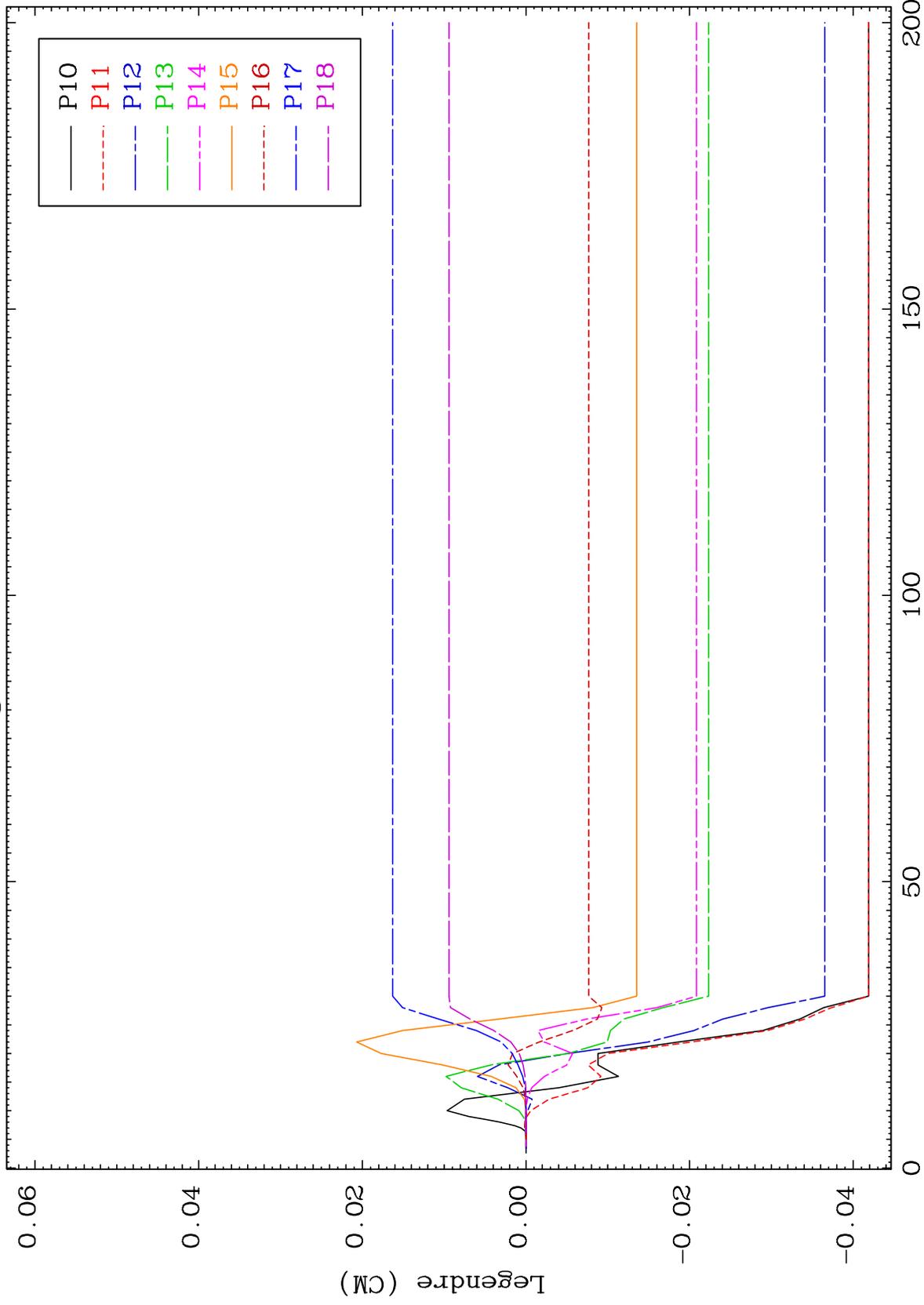
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



48

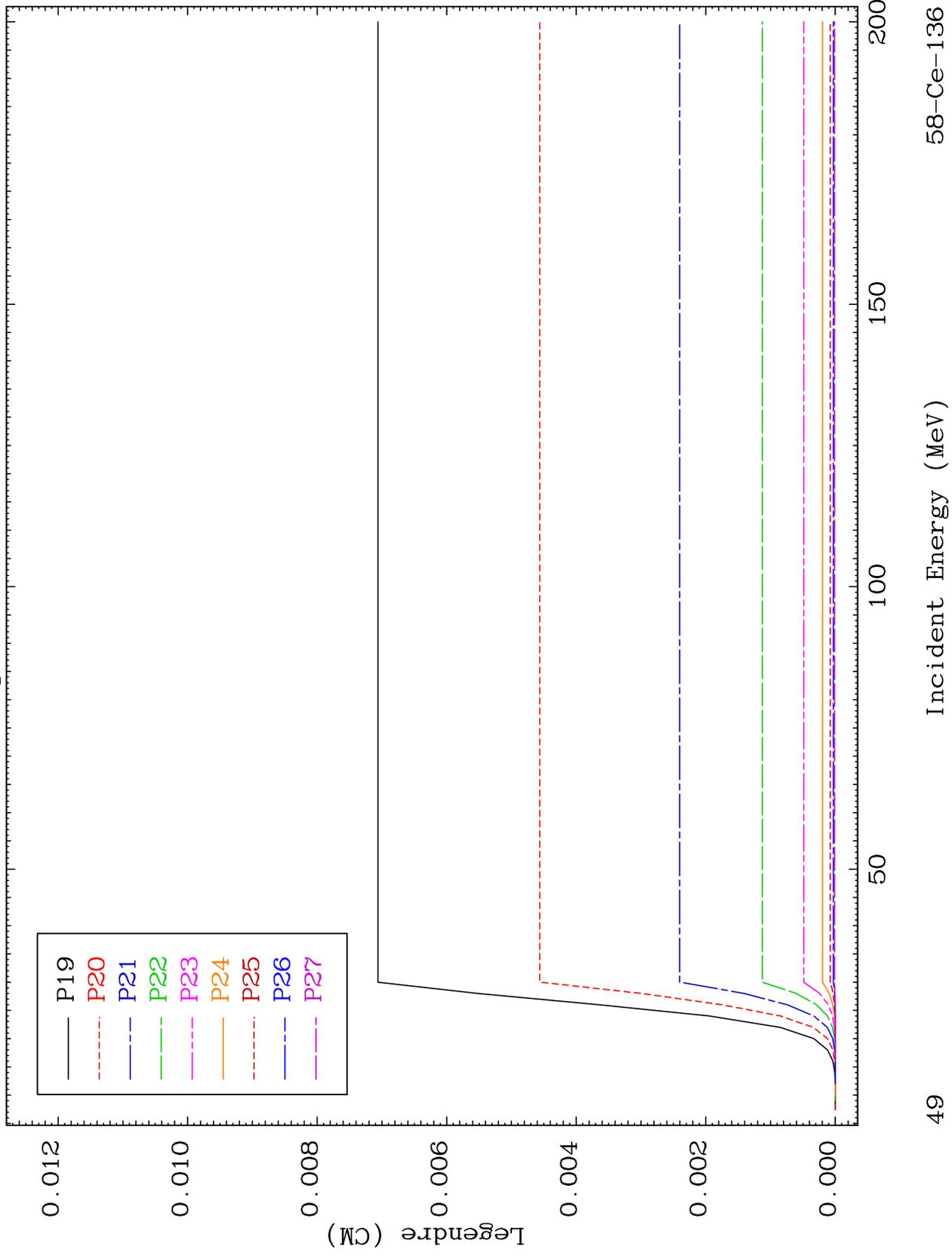
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



49

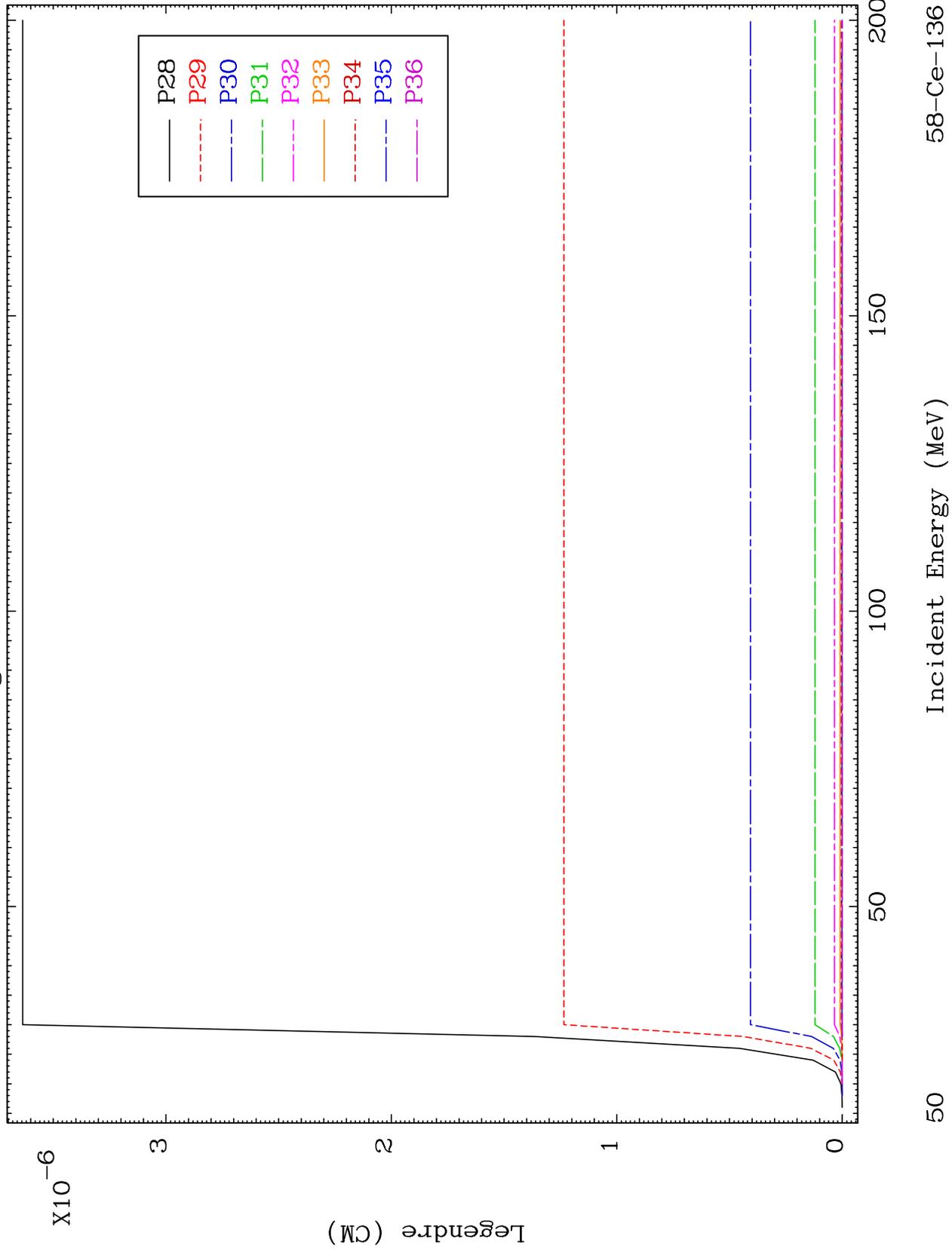
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

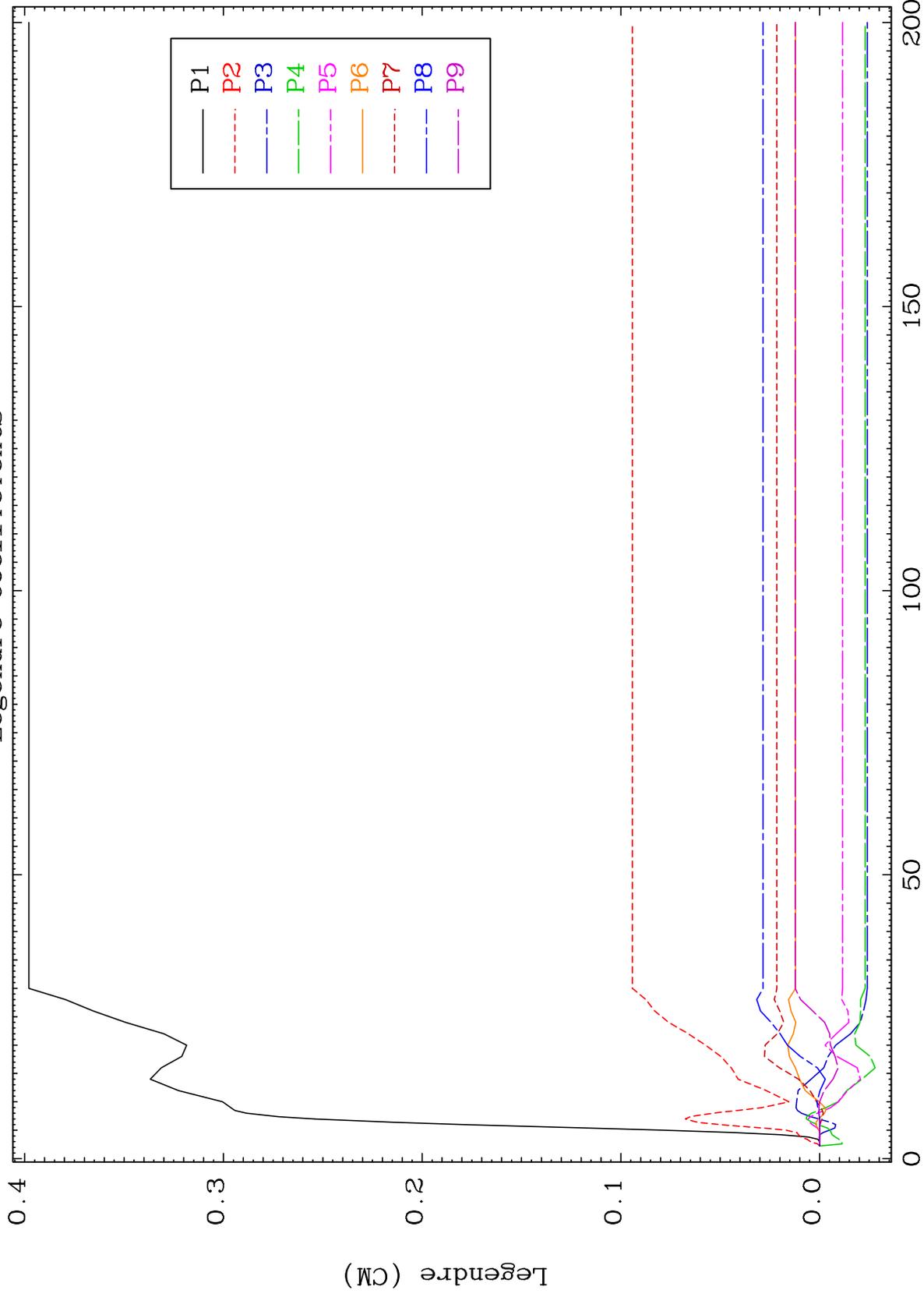
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MAT 5825

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

58-Ce-136



51

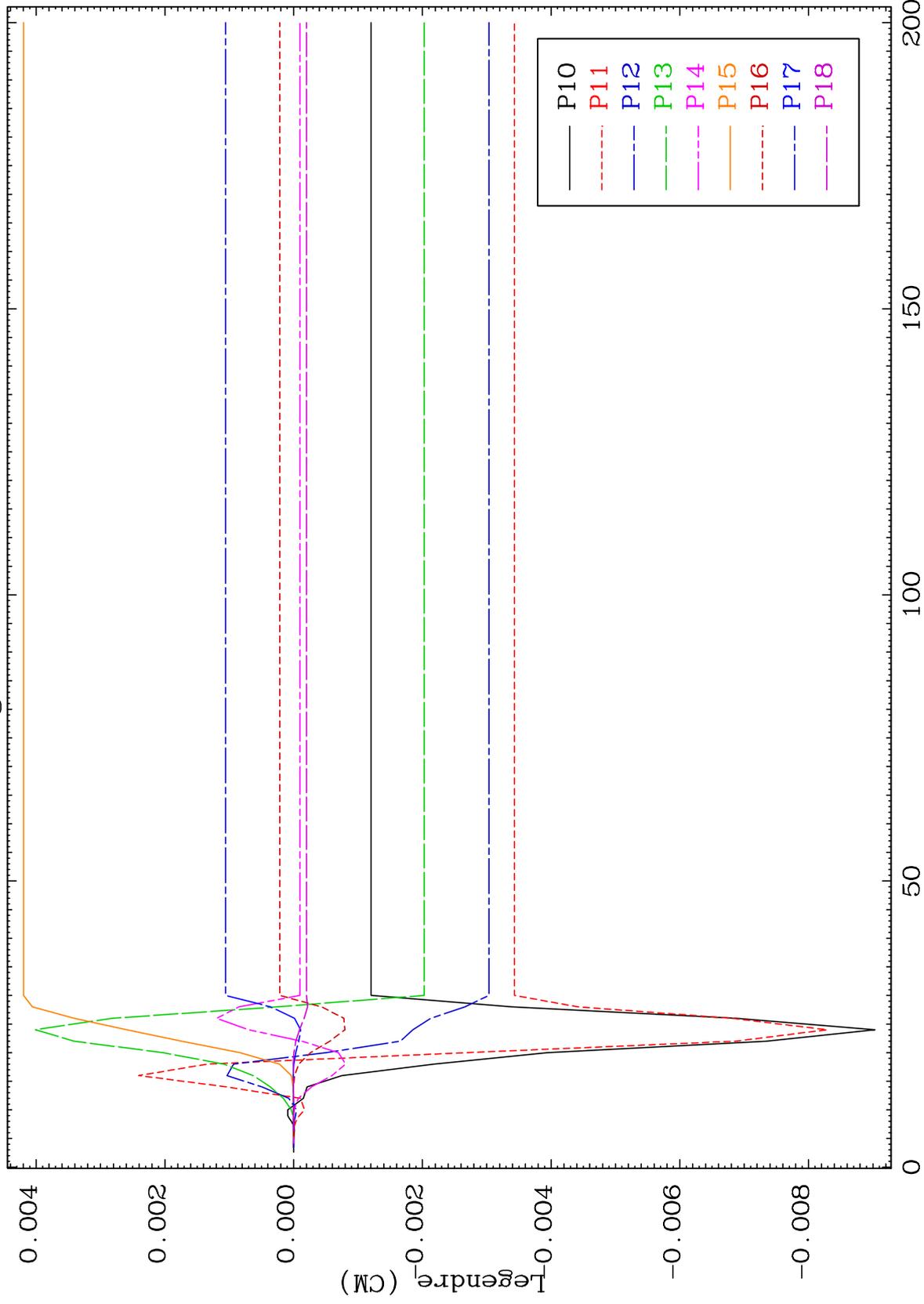
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

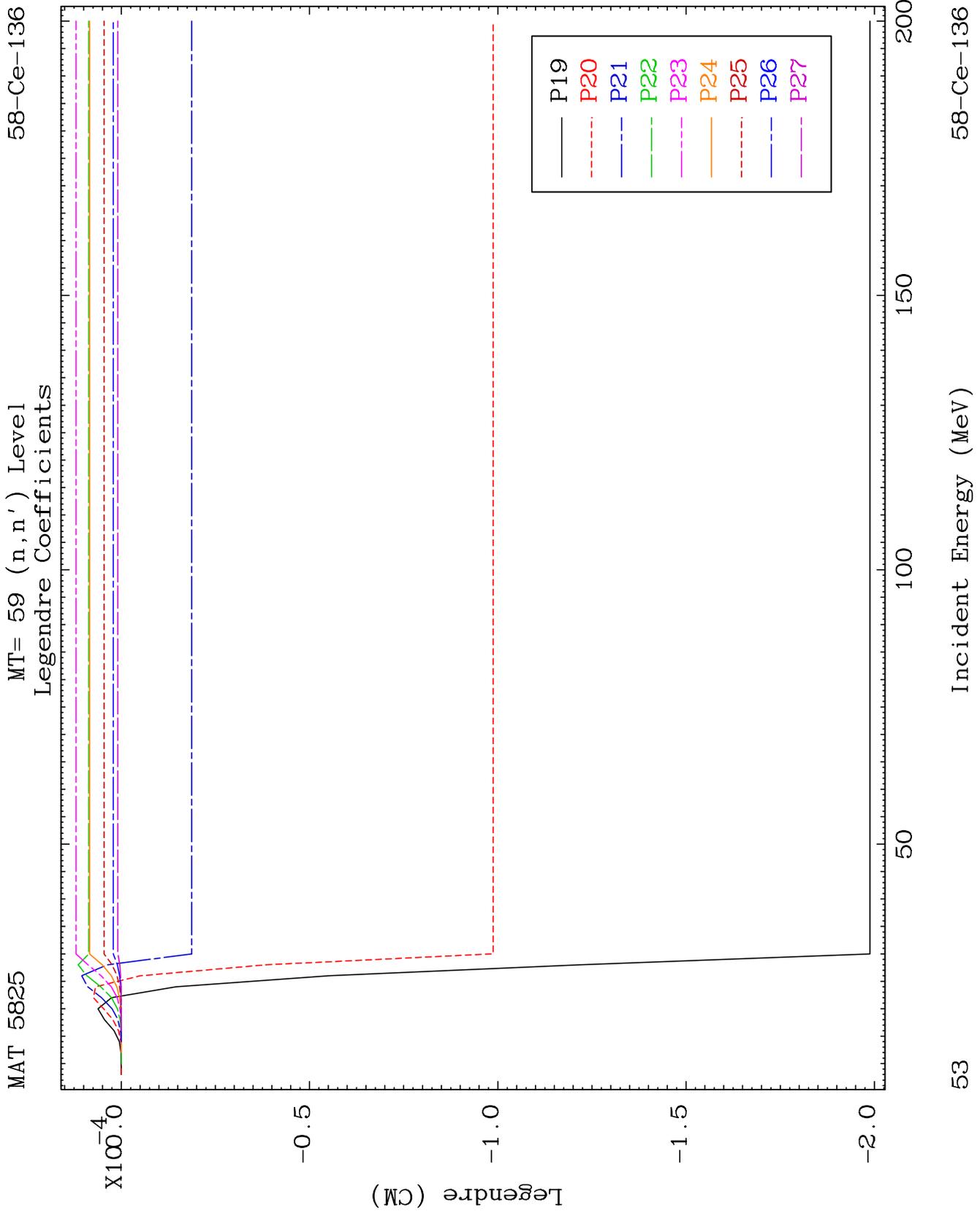
58-Ce-136



52

Incident Energy (MeV)

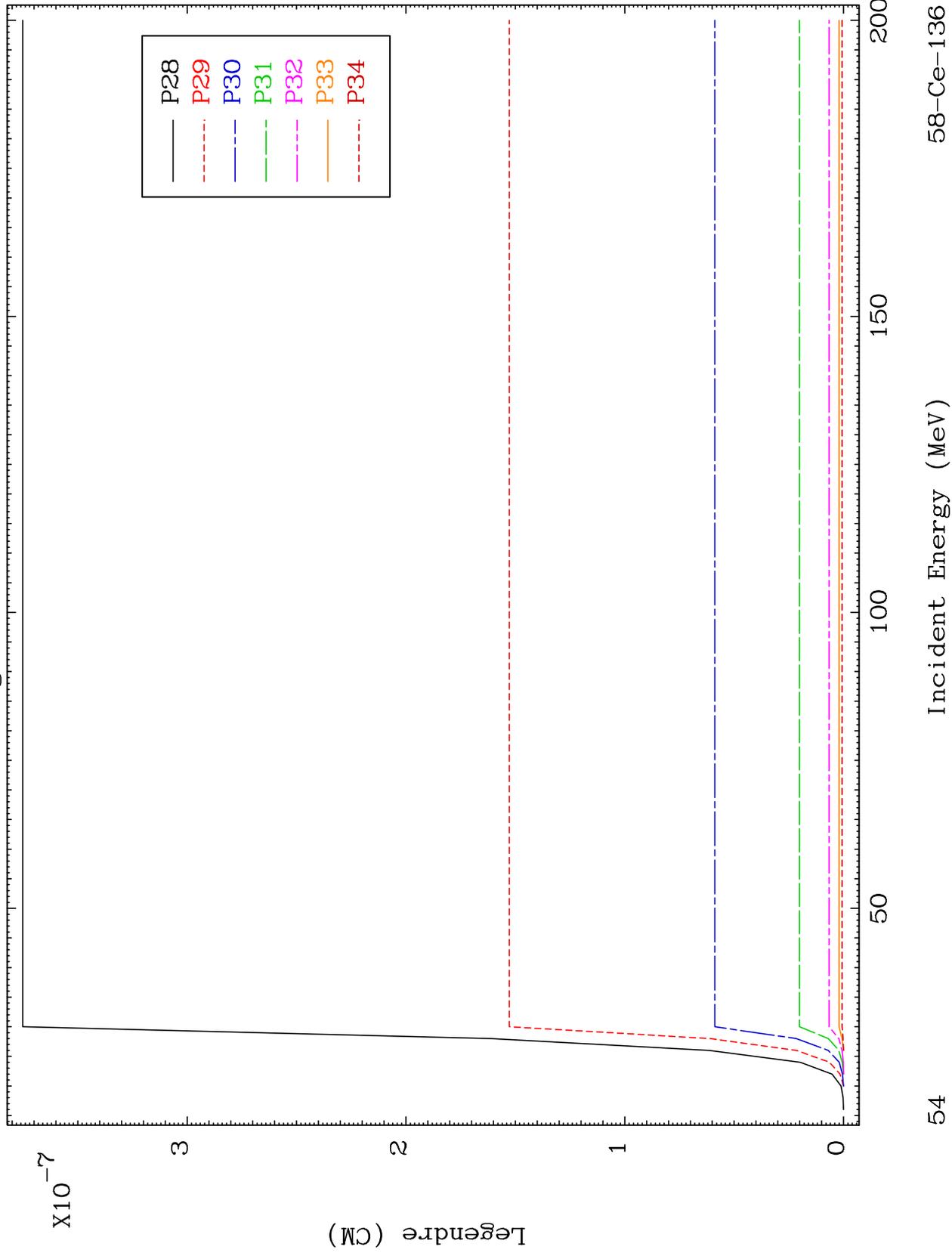
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MAT 5825

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

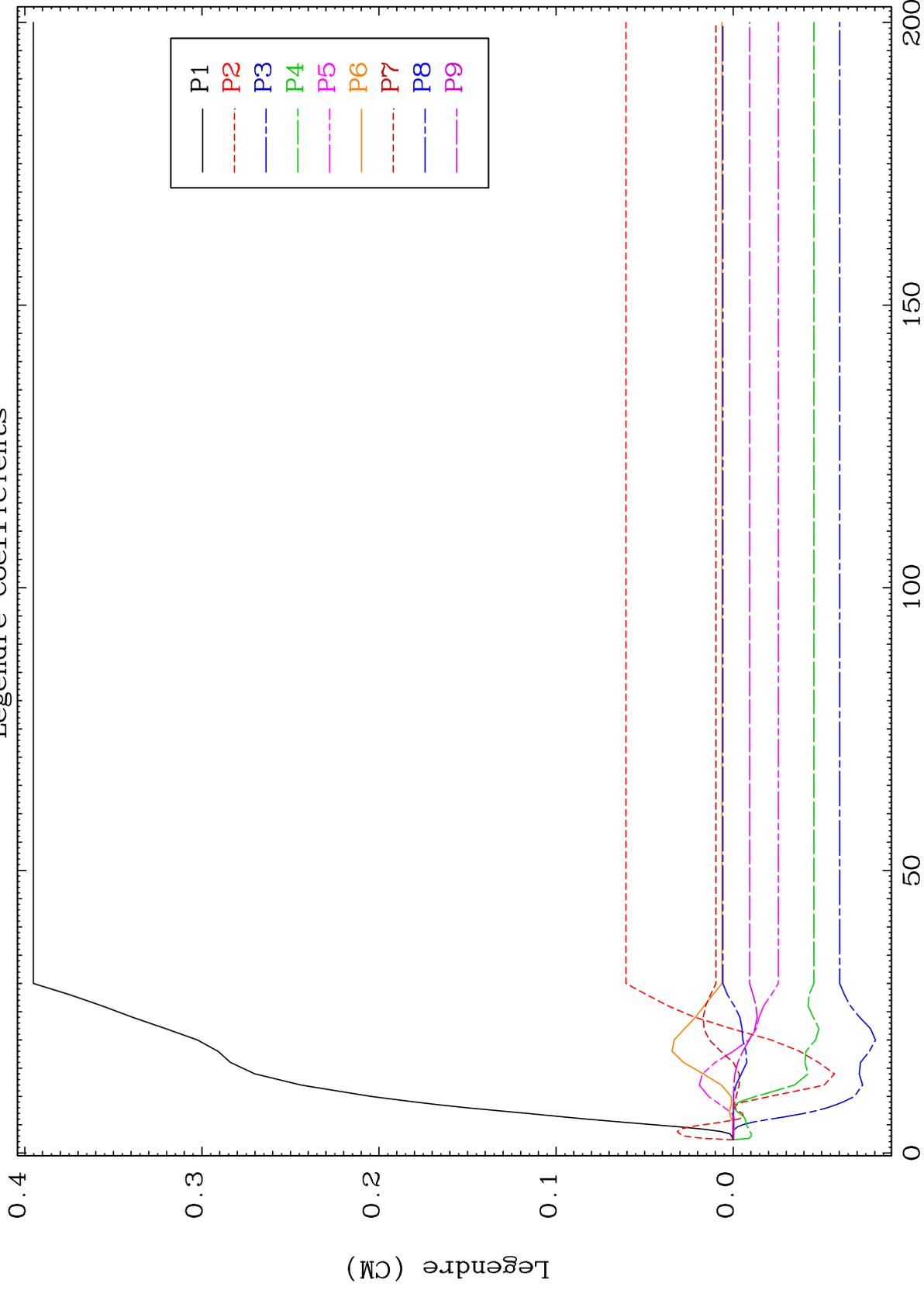
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MAT 5825

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

58-Ce-136



55

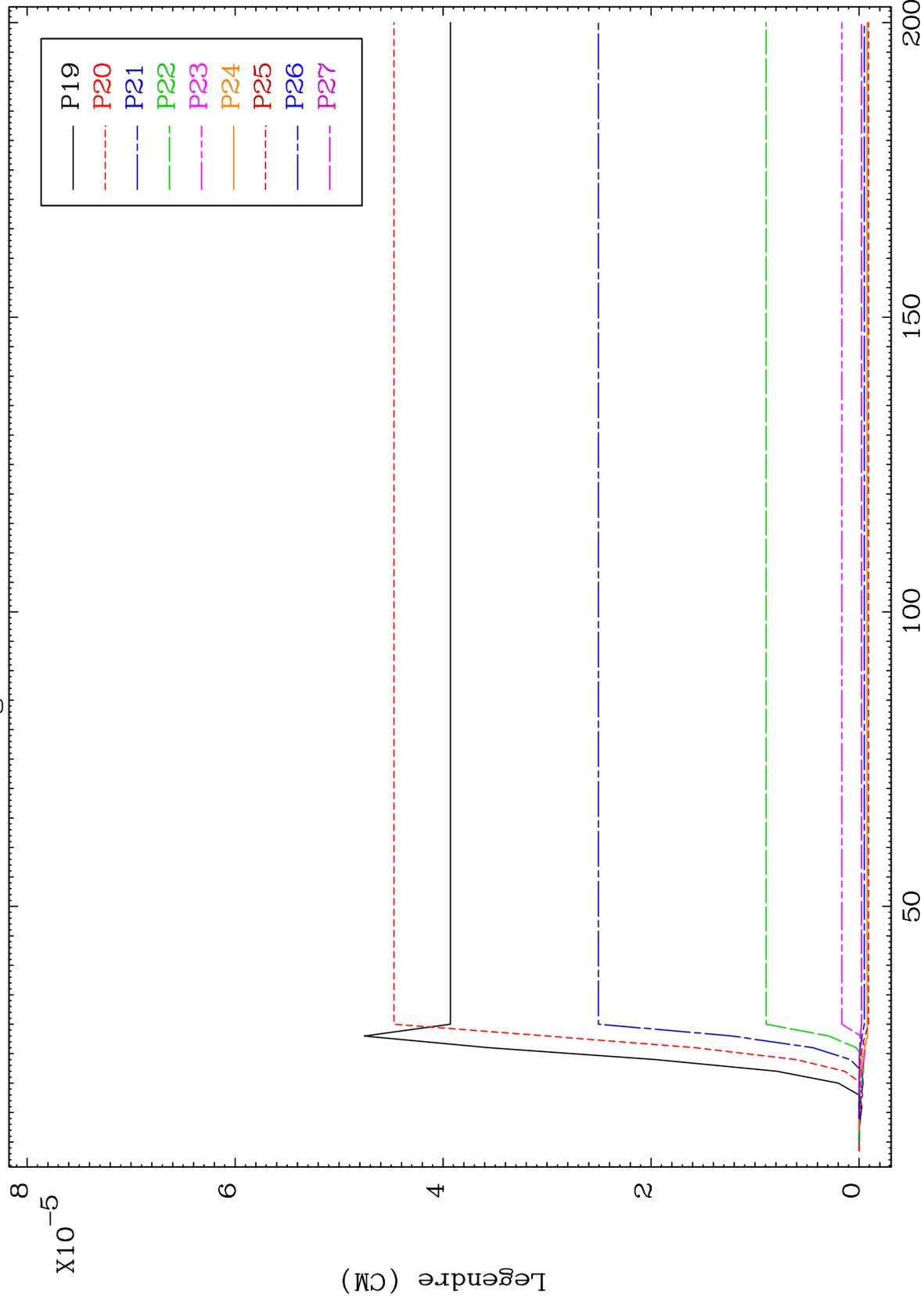
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

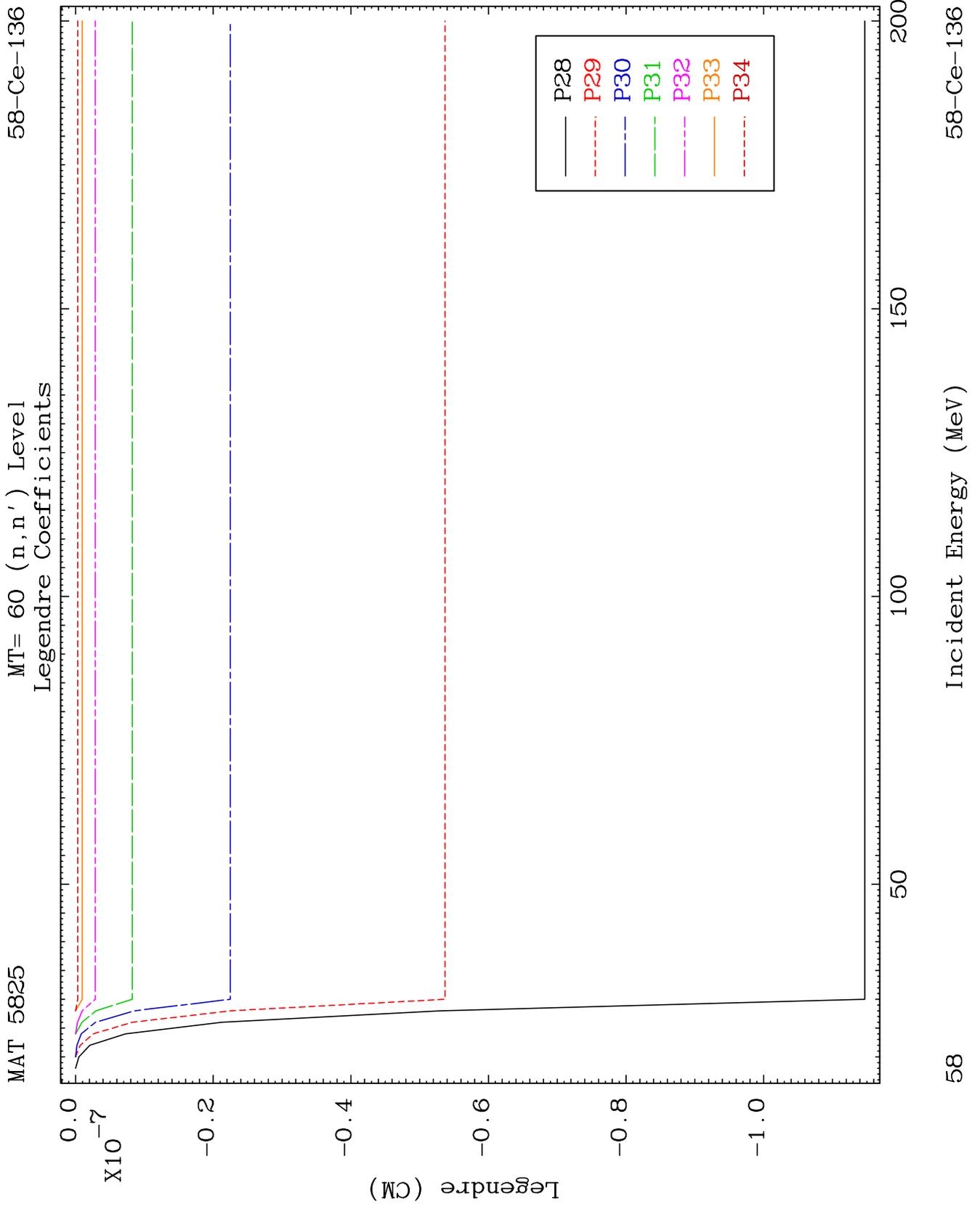
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57

Incident Energy (MeV)

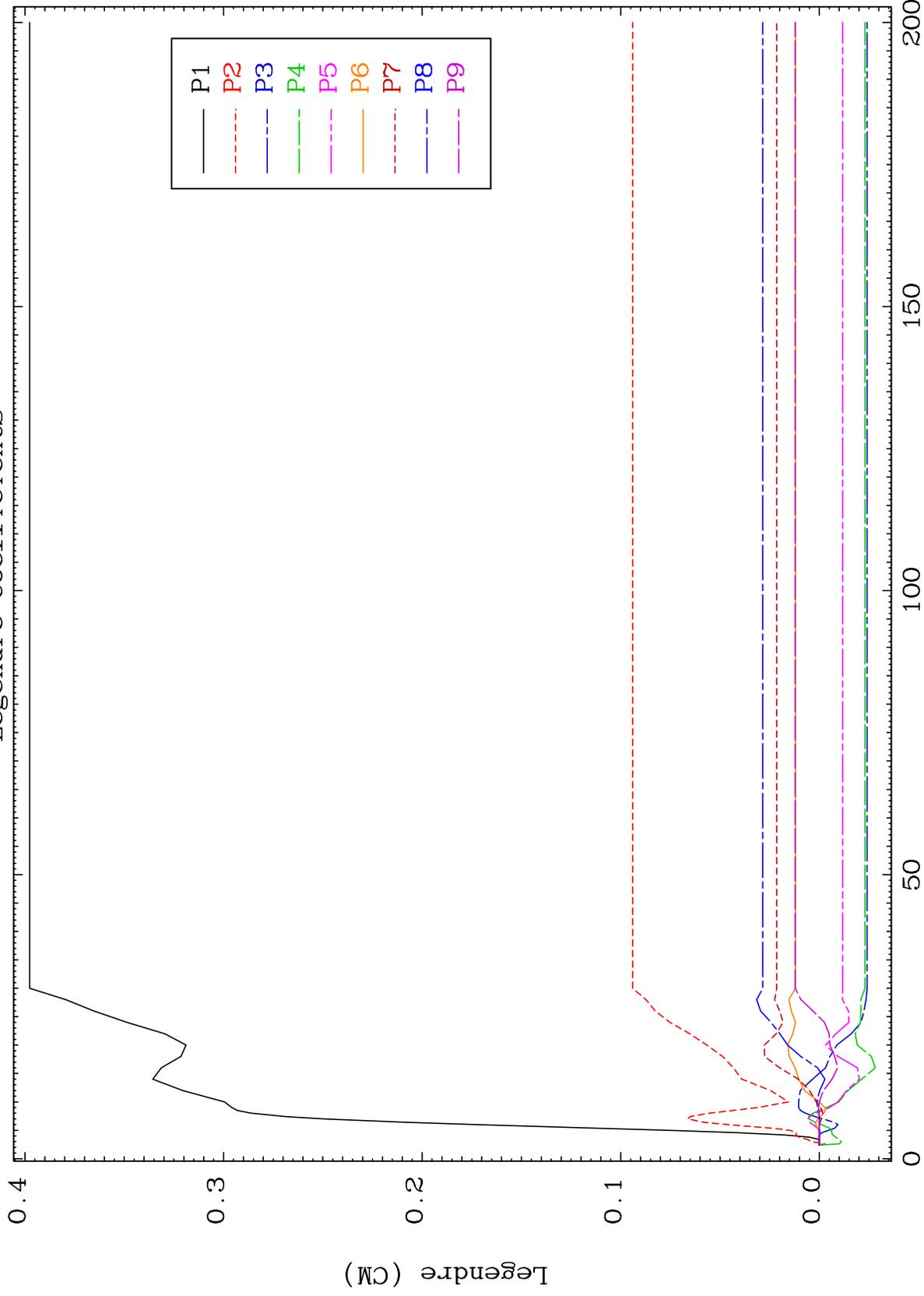
58-Ce-136



MAT 5825

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

58-Ce-136



59

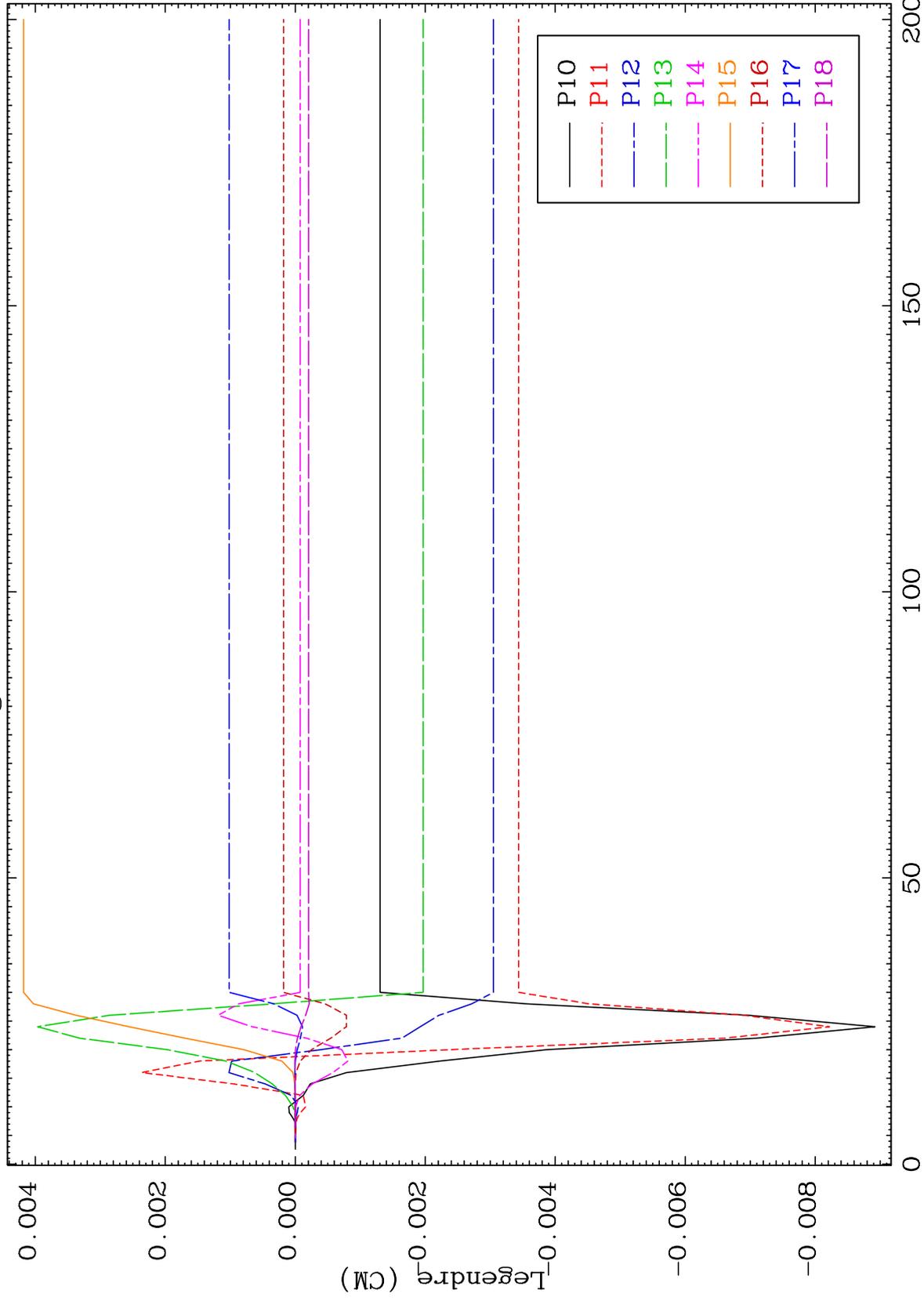
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

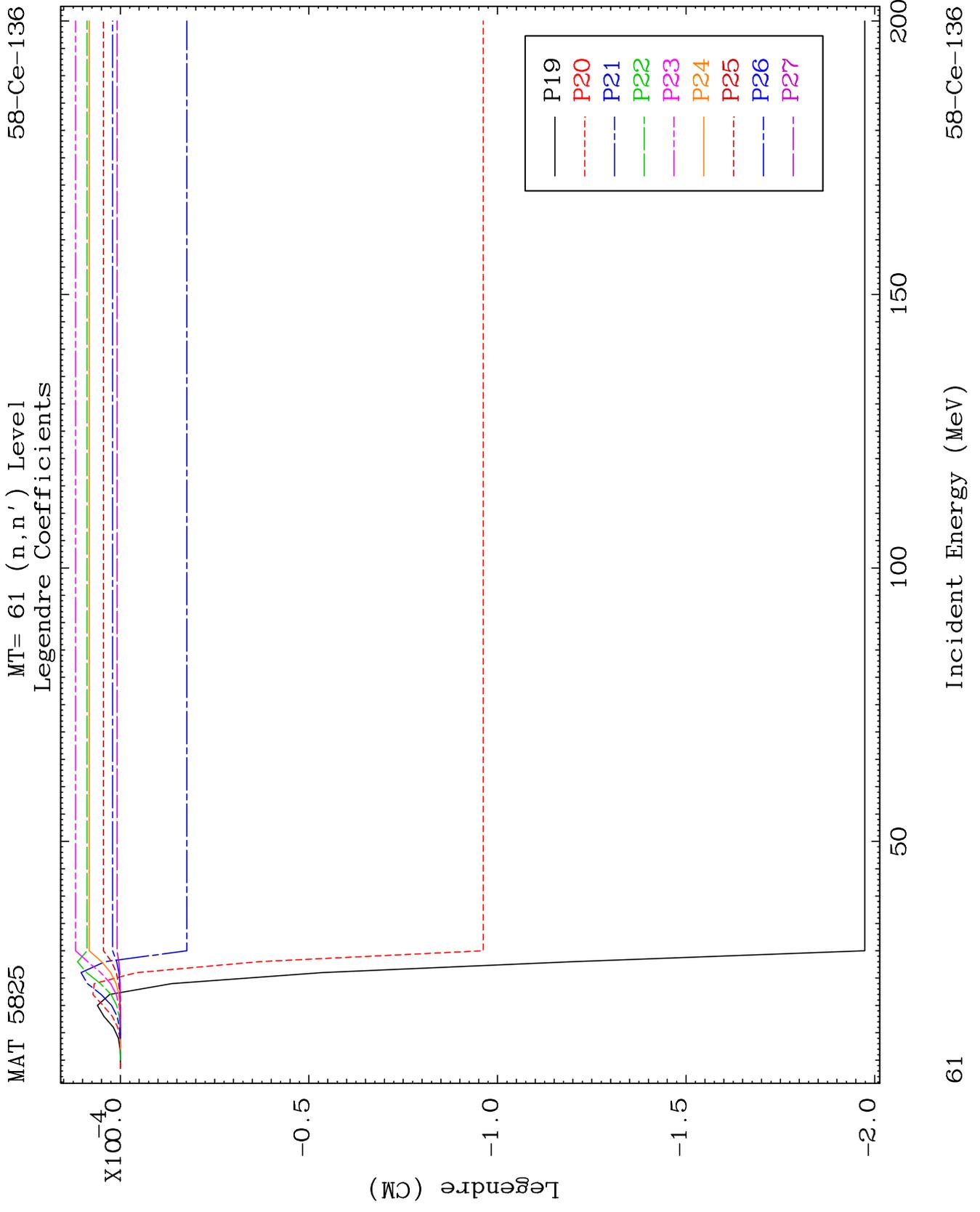
58-Ce-136



60

Incident Energy (MeV)

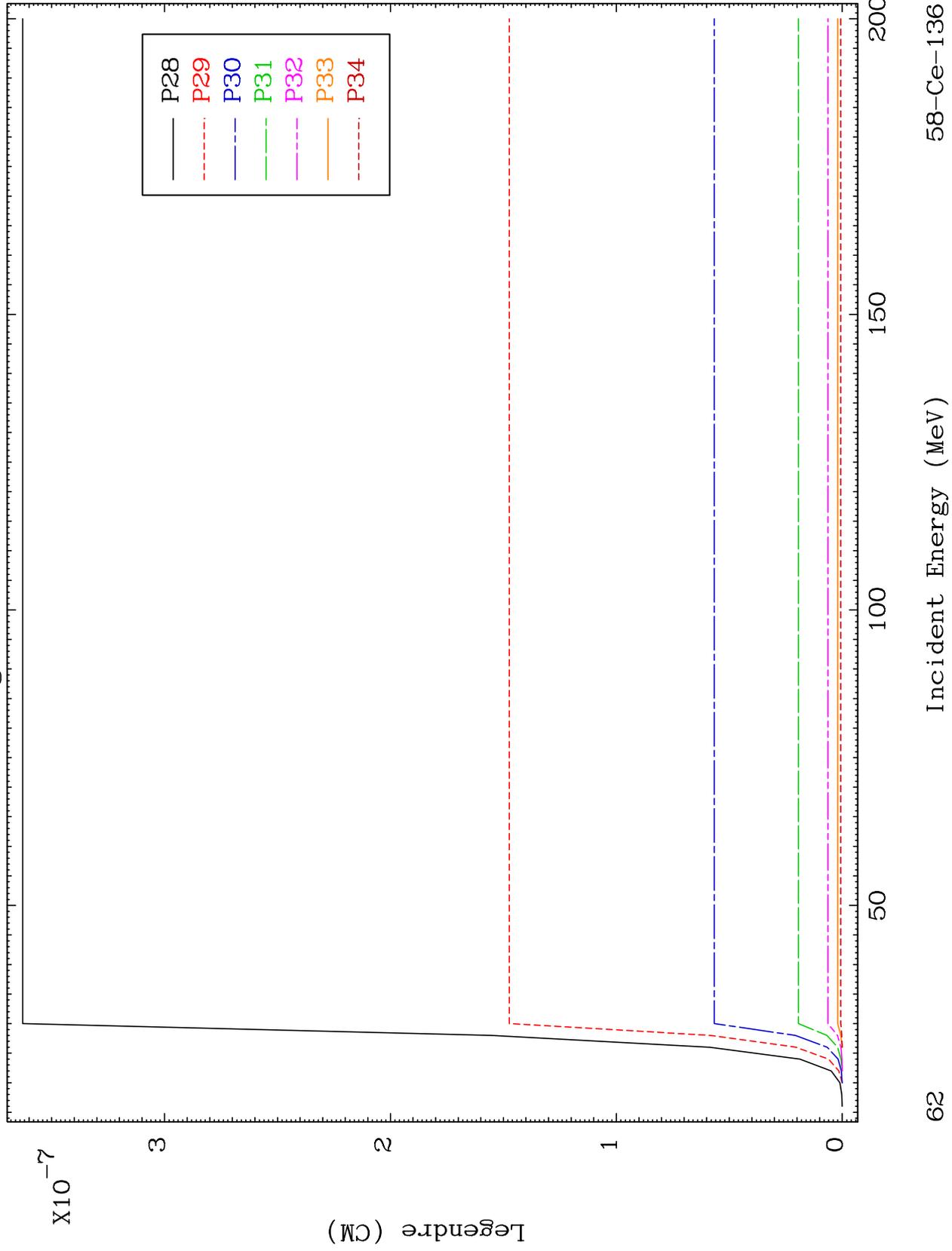
58-Ce-136



MAT 5825

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

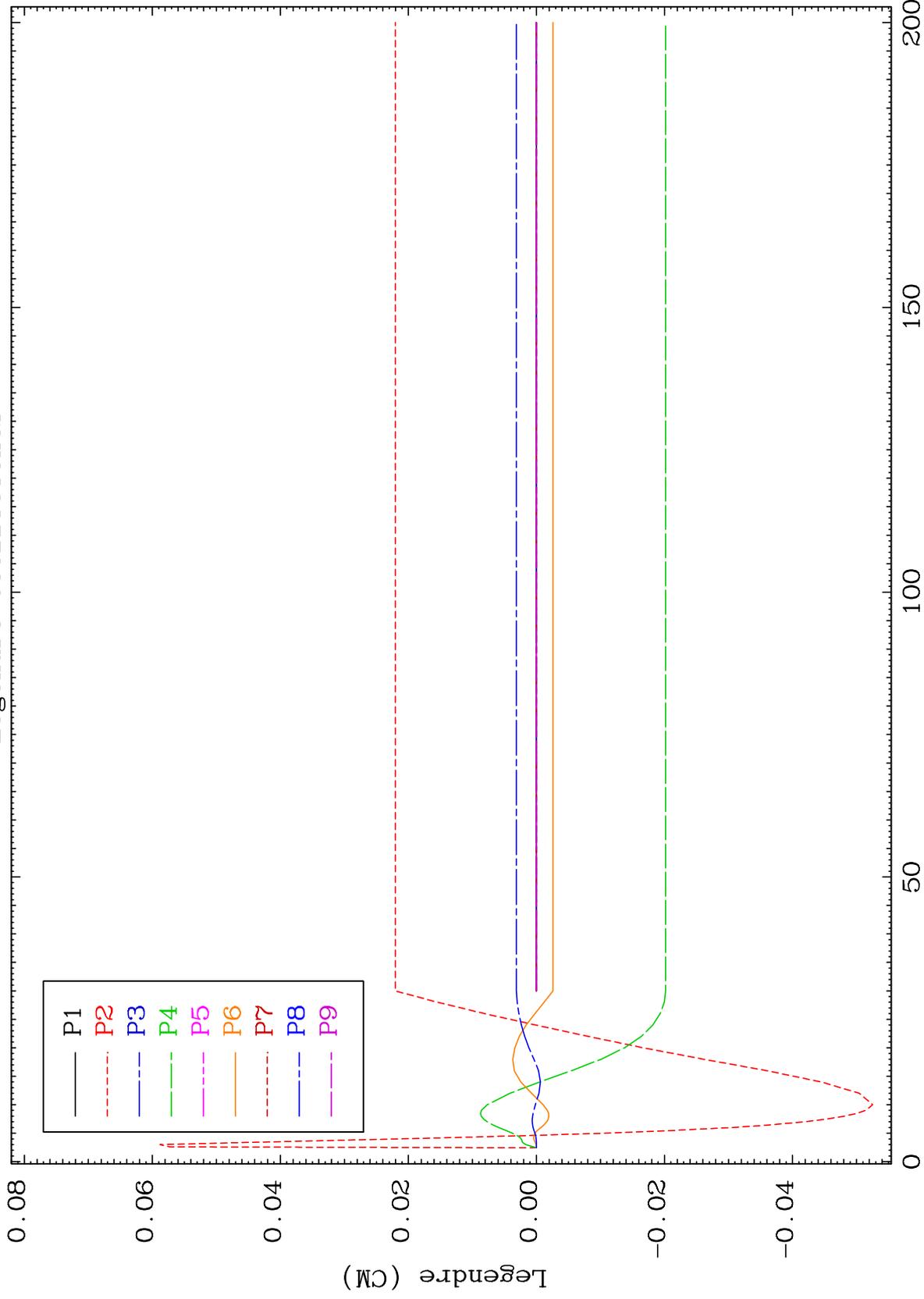
58-Ce-136



MAT 5825

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

58-Ce-136



63

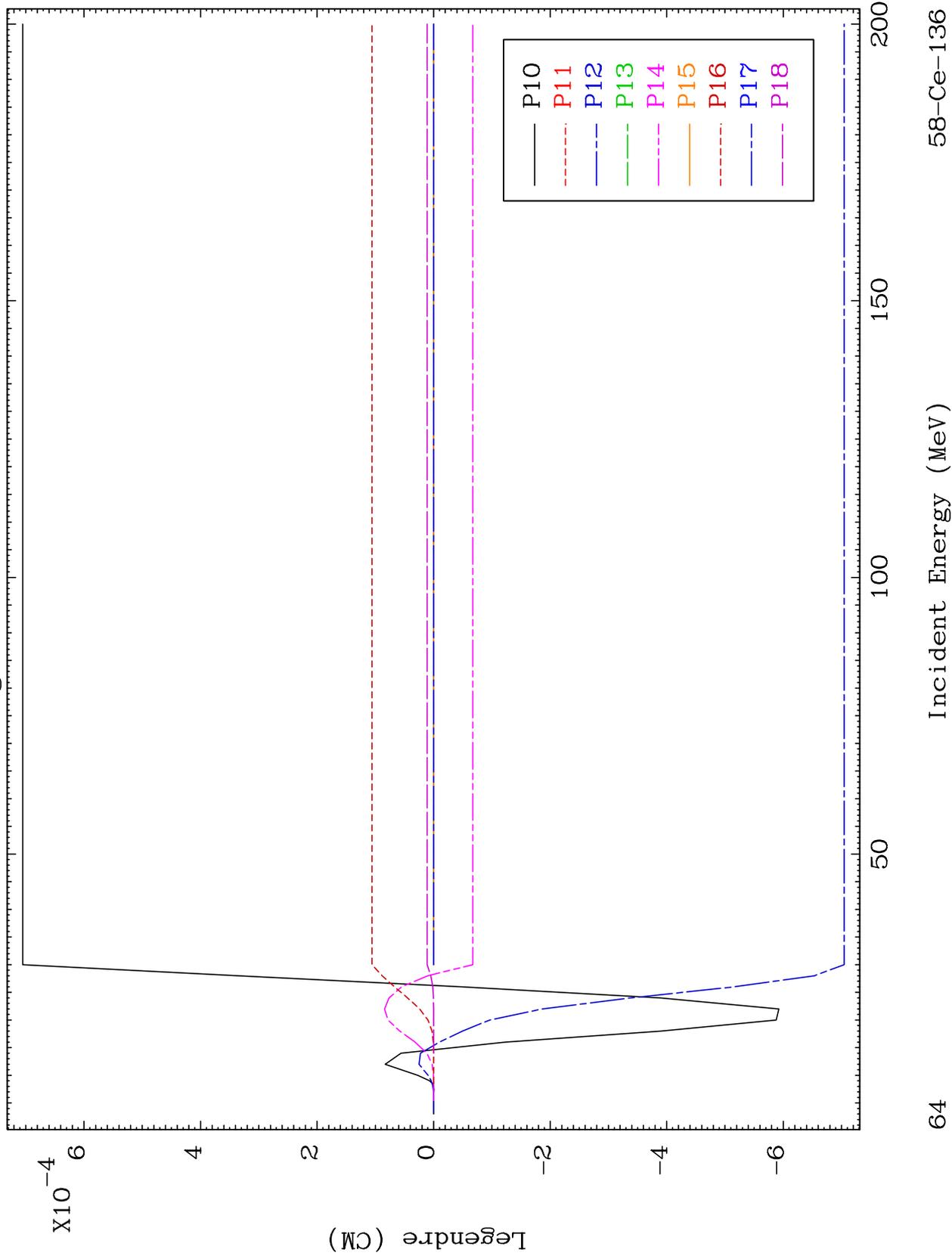
Incident Energy (MeV)

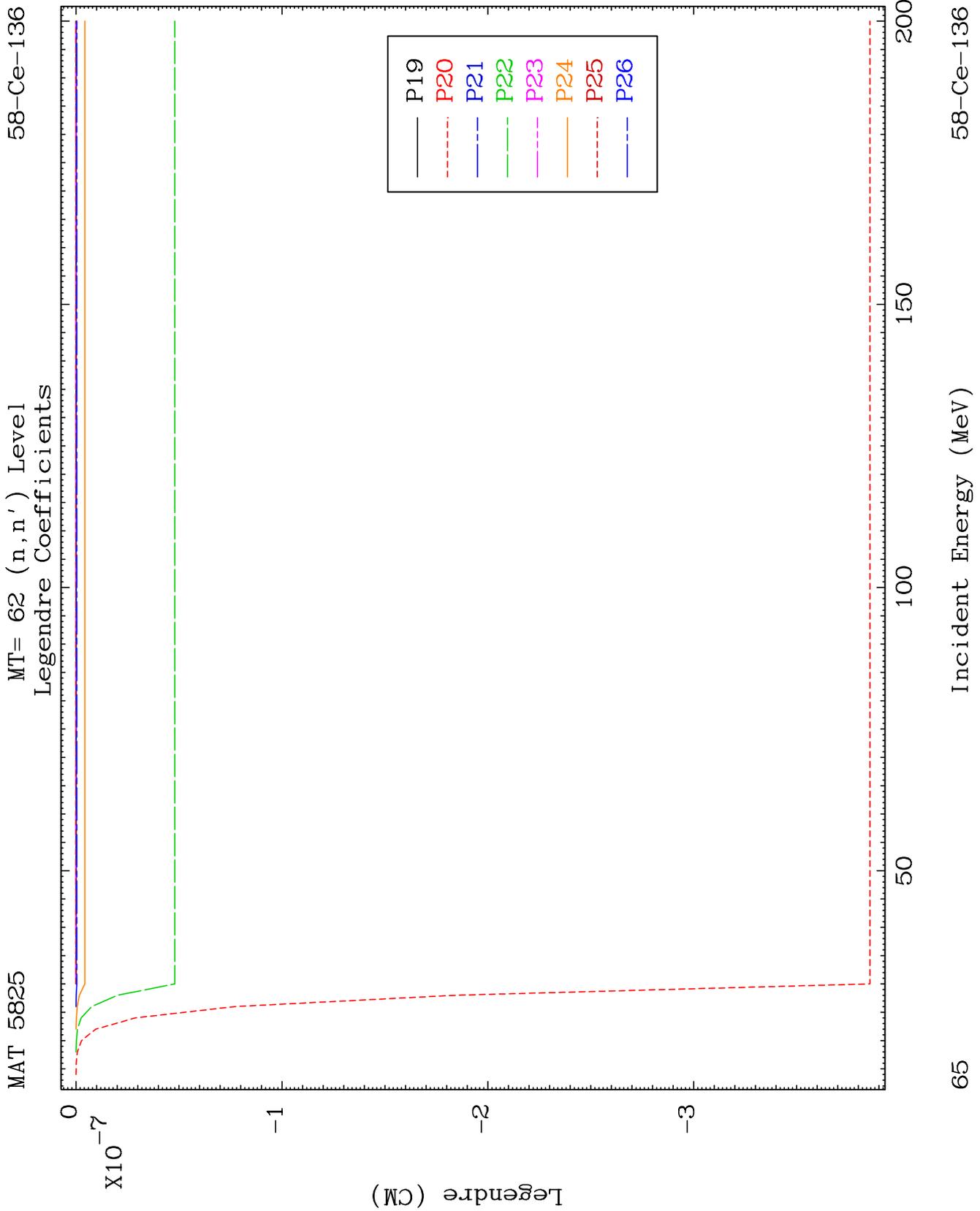
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MAT 5825

MT= 62 (n,n') Level
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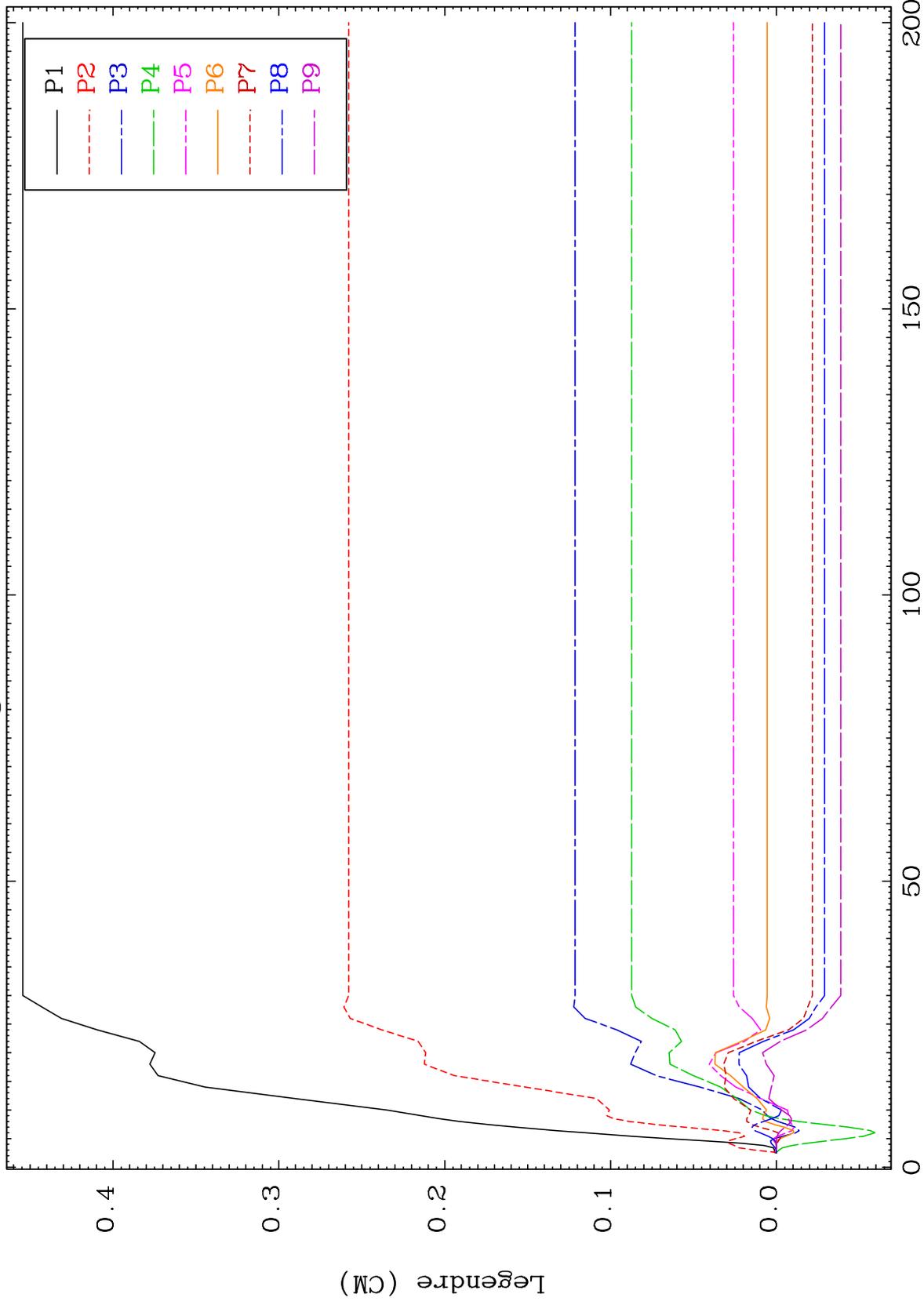




MAT 5825

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

58-Ce-136



66

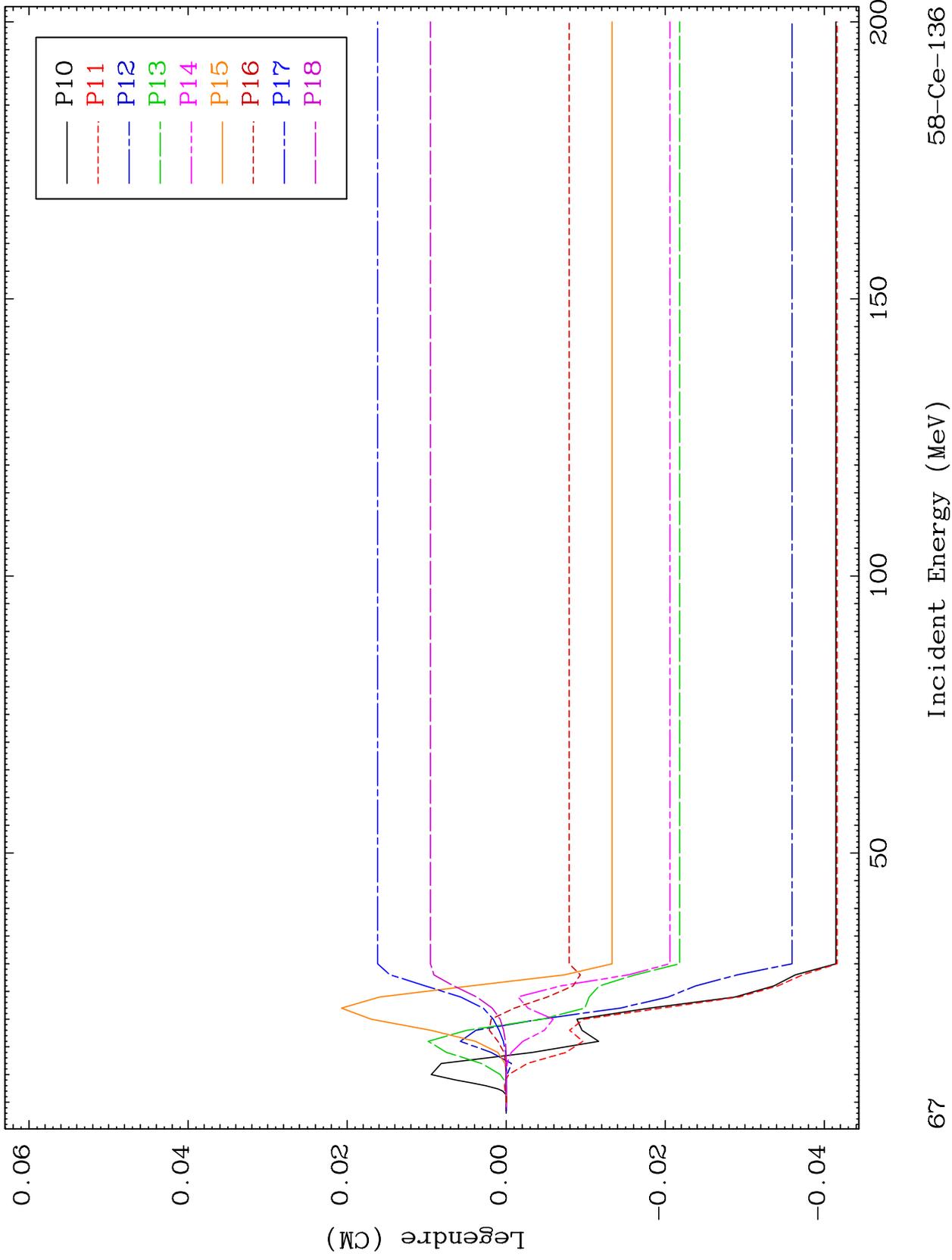
Incident Energy (MeV)

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MAT 5825

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

58-Ce-136



67

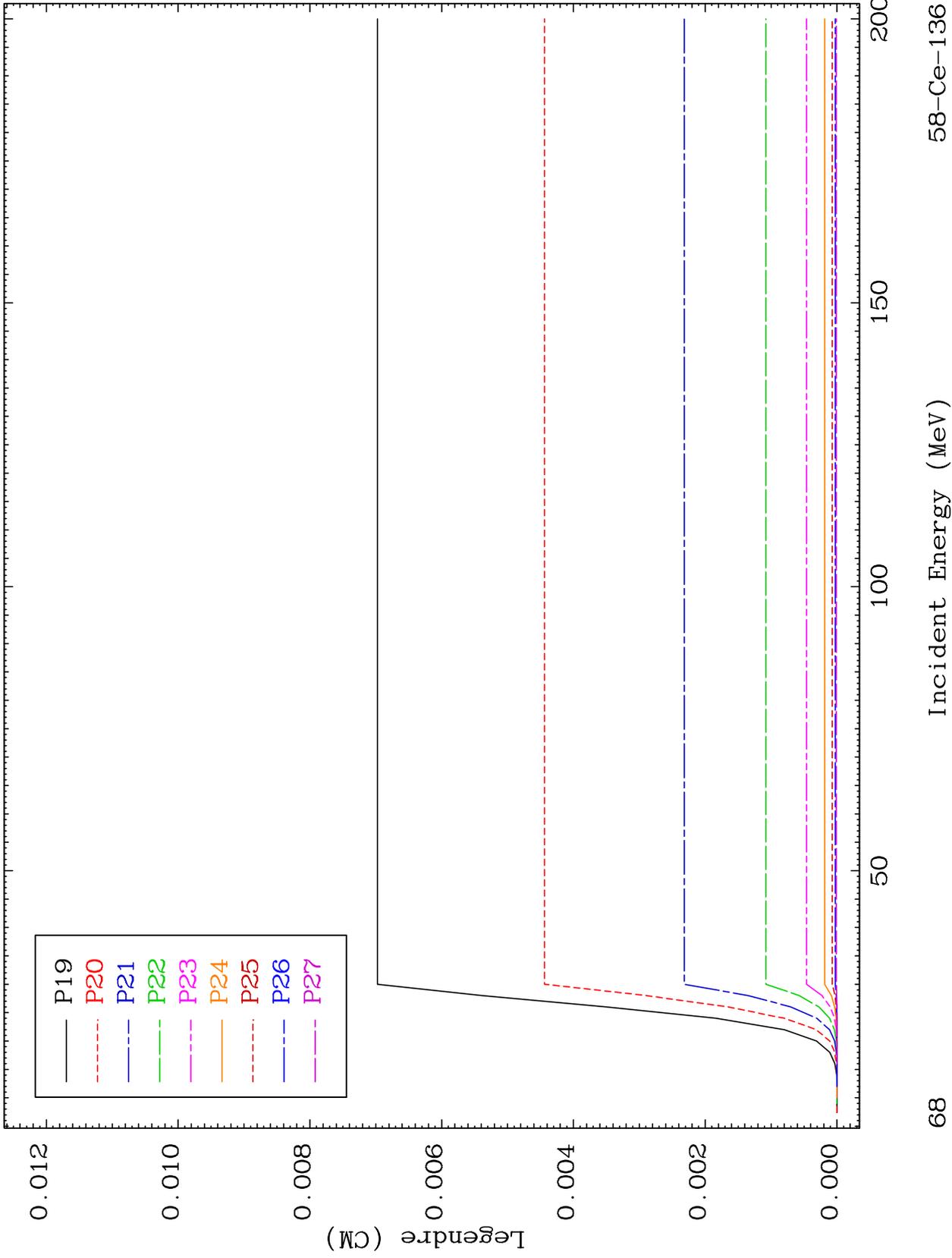
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



68

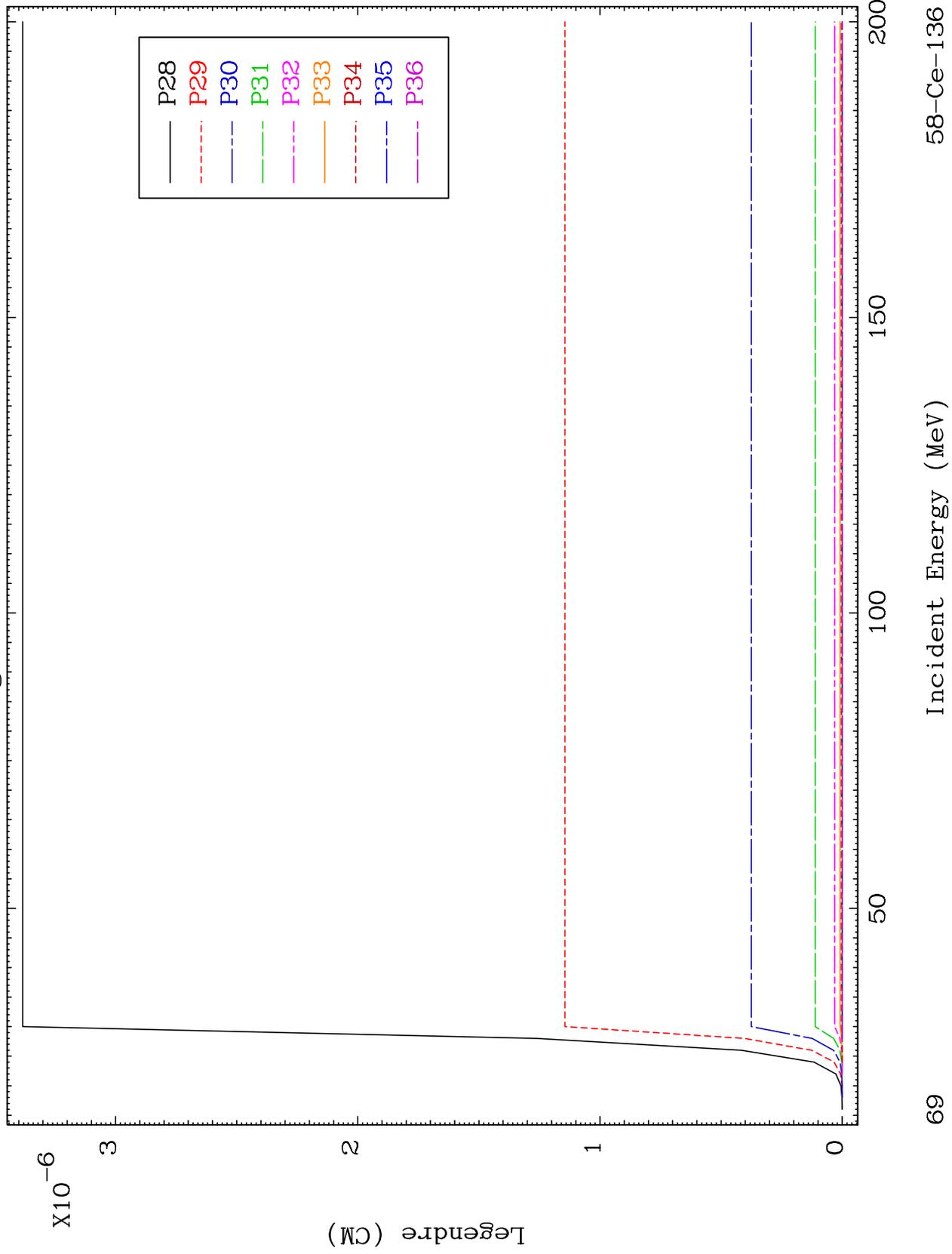
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

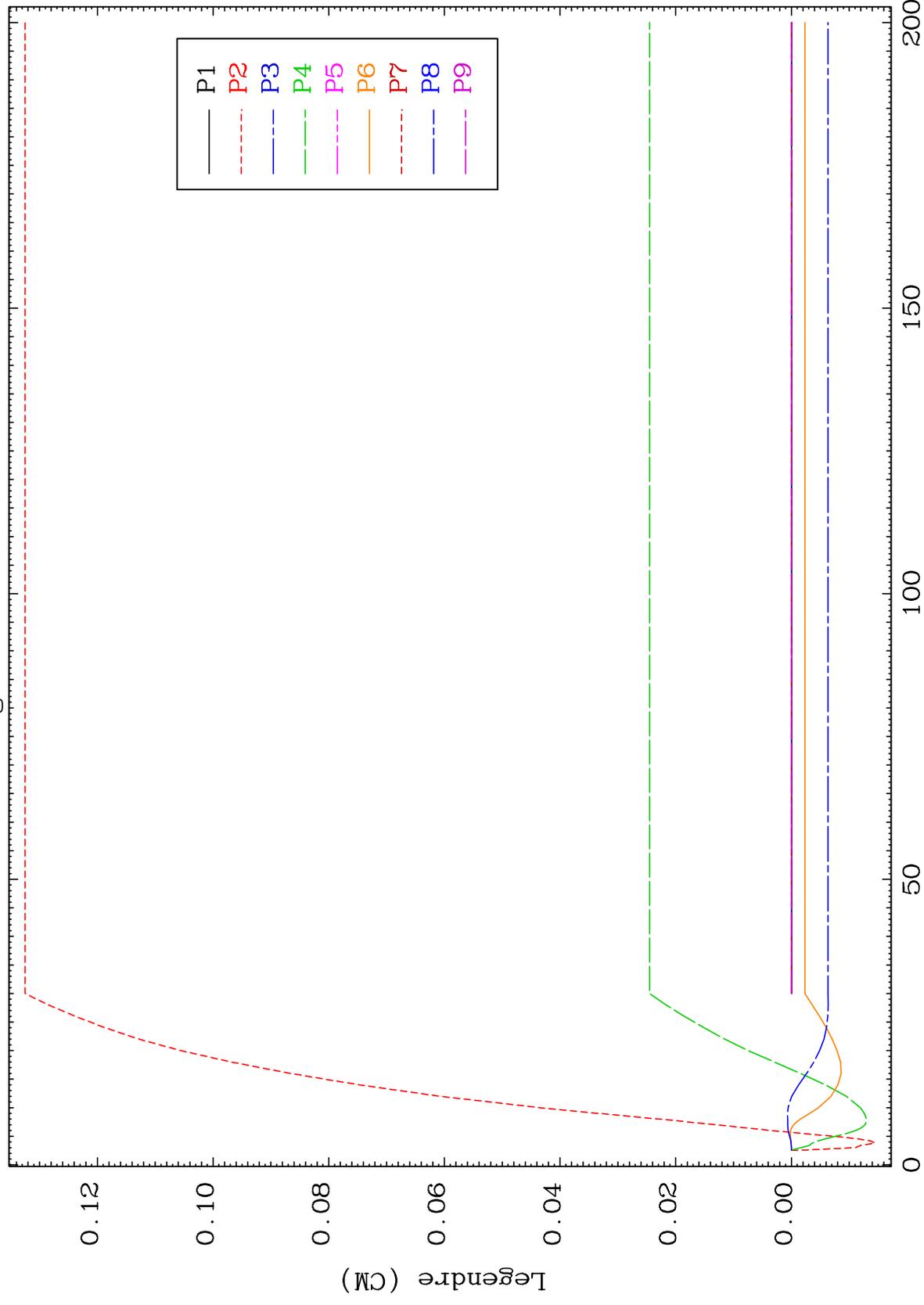
58-Ce-136



MAT 5825

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

58-Ce-136



58-Ce-136

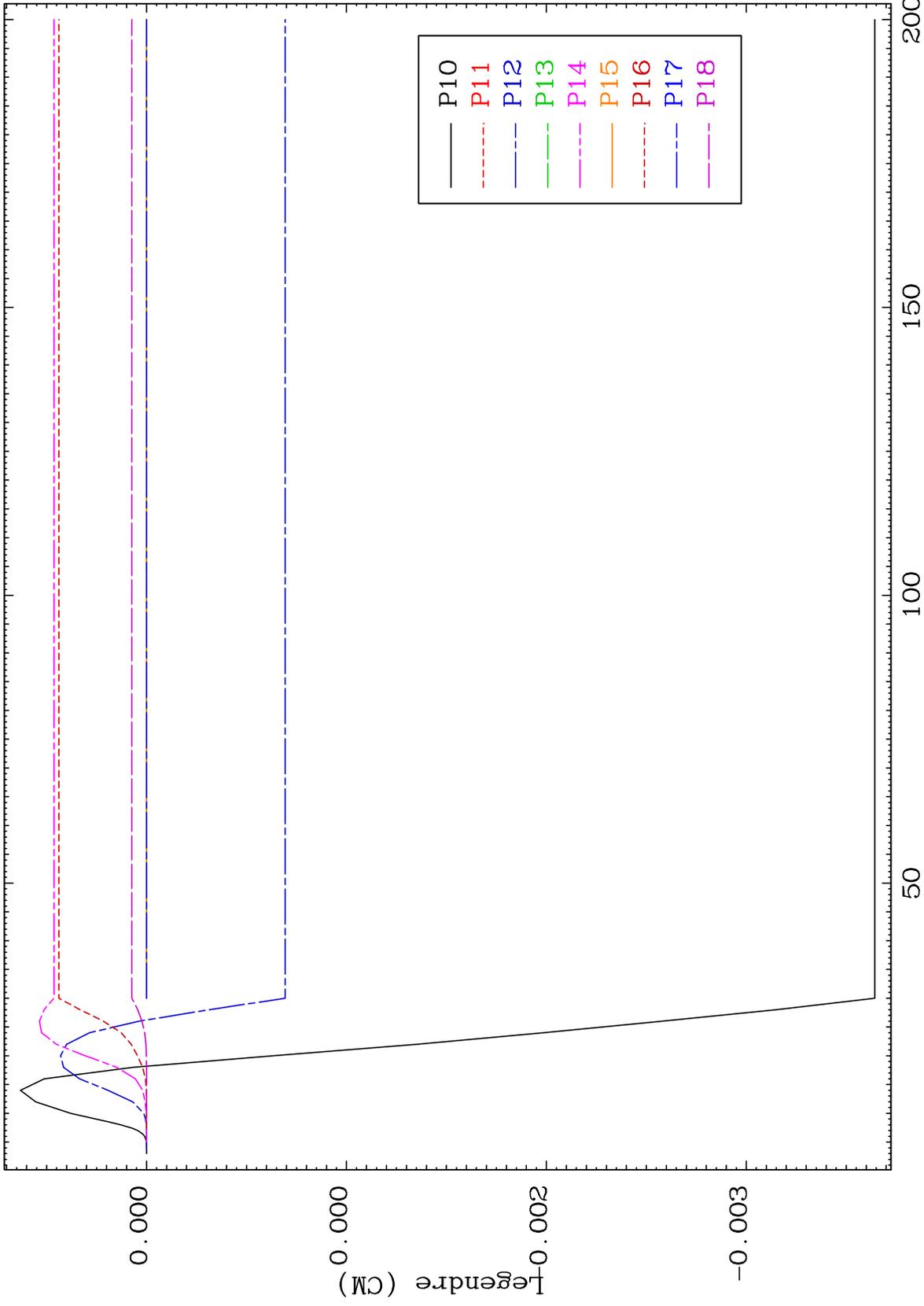
Incident Energy (MeV)

70

MAT 5825

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

58-Ce-136



71

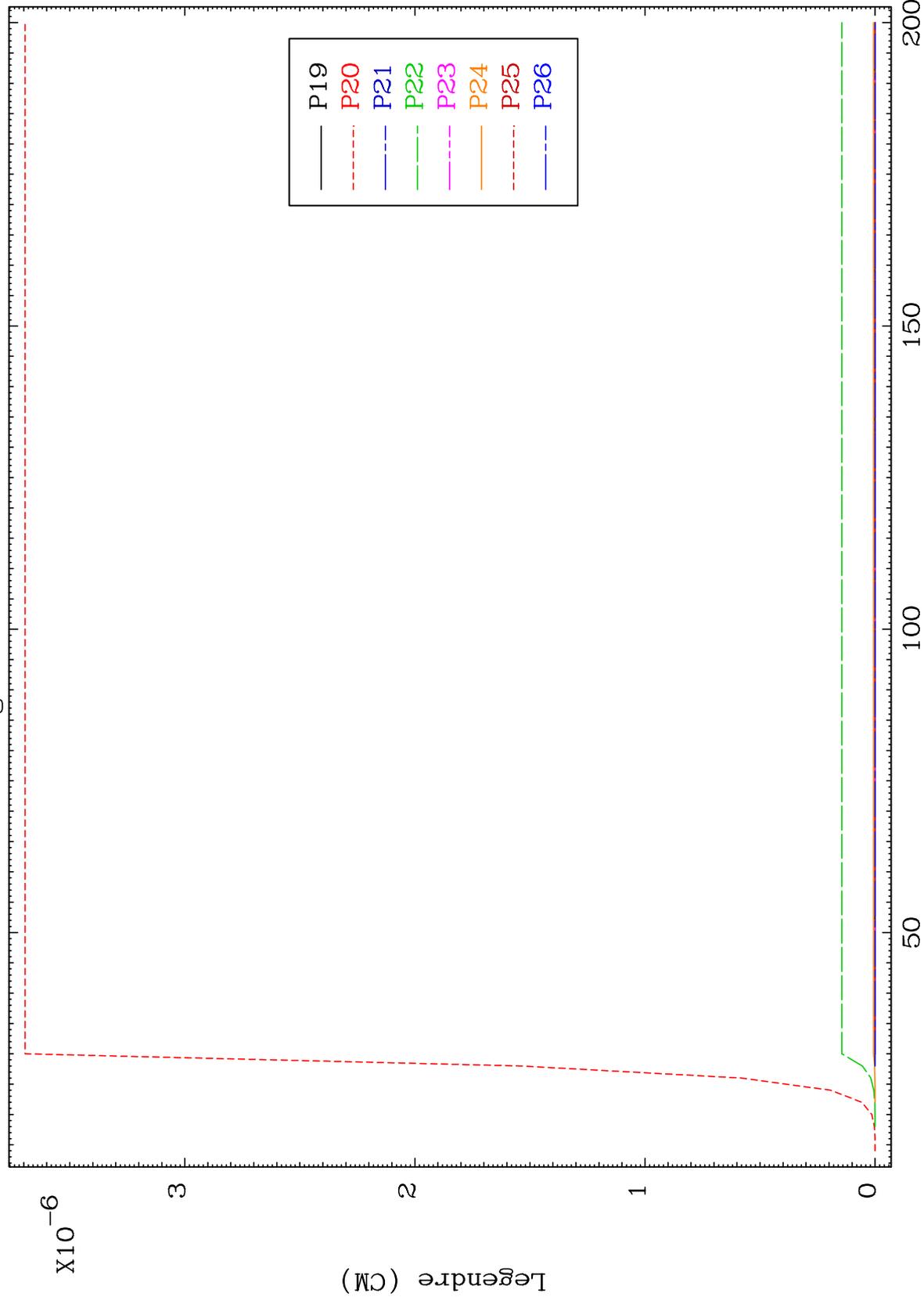
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



72

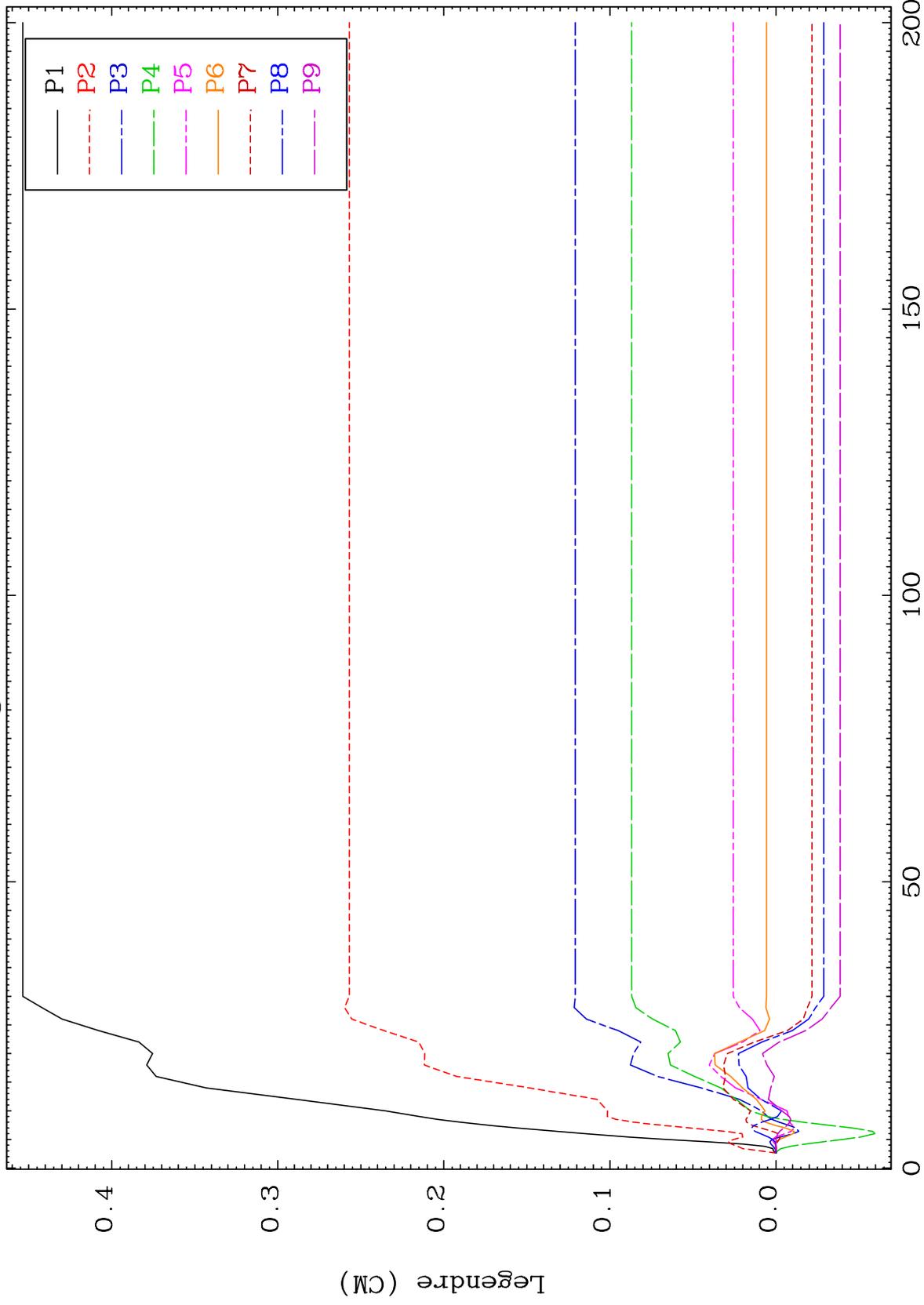
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



73

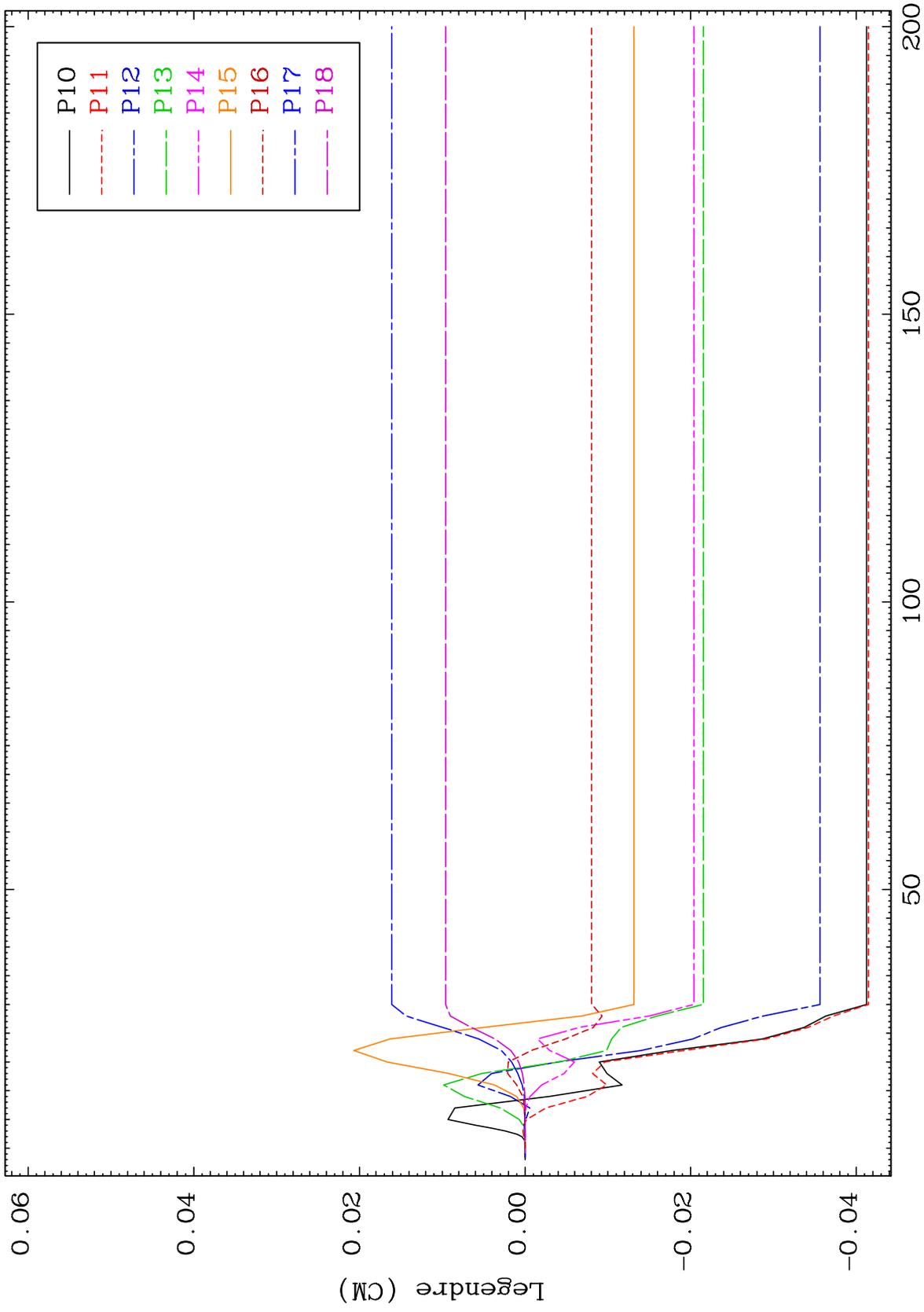
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



74

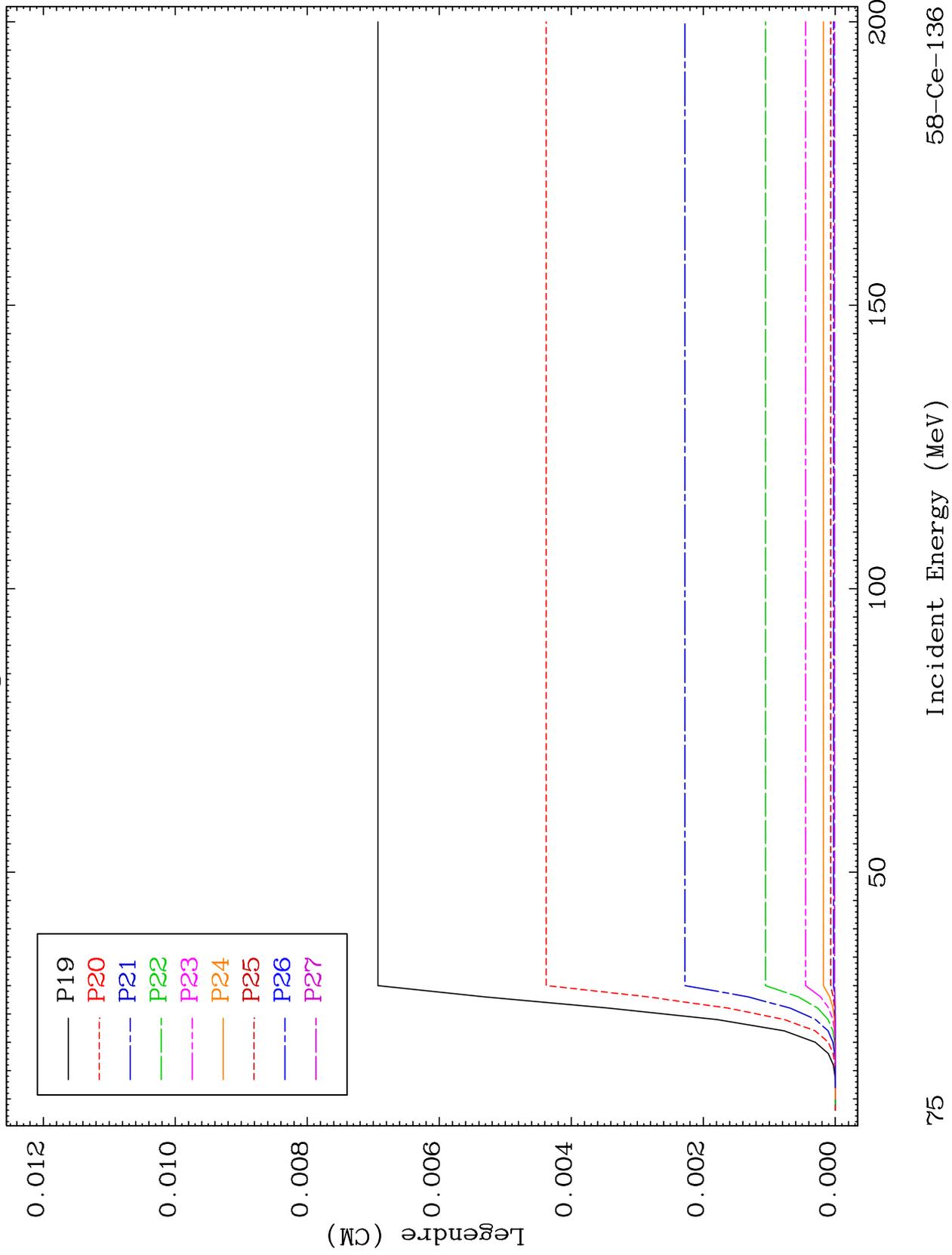
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



75

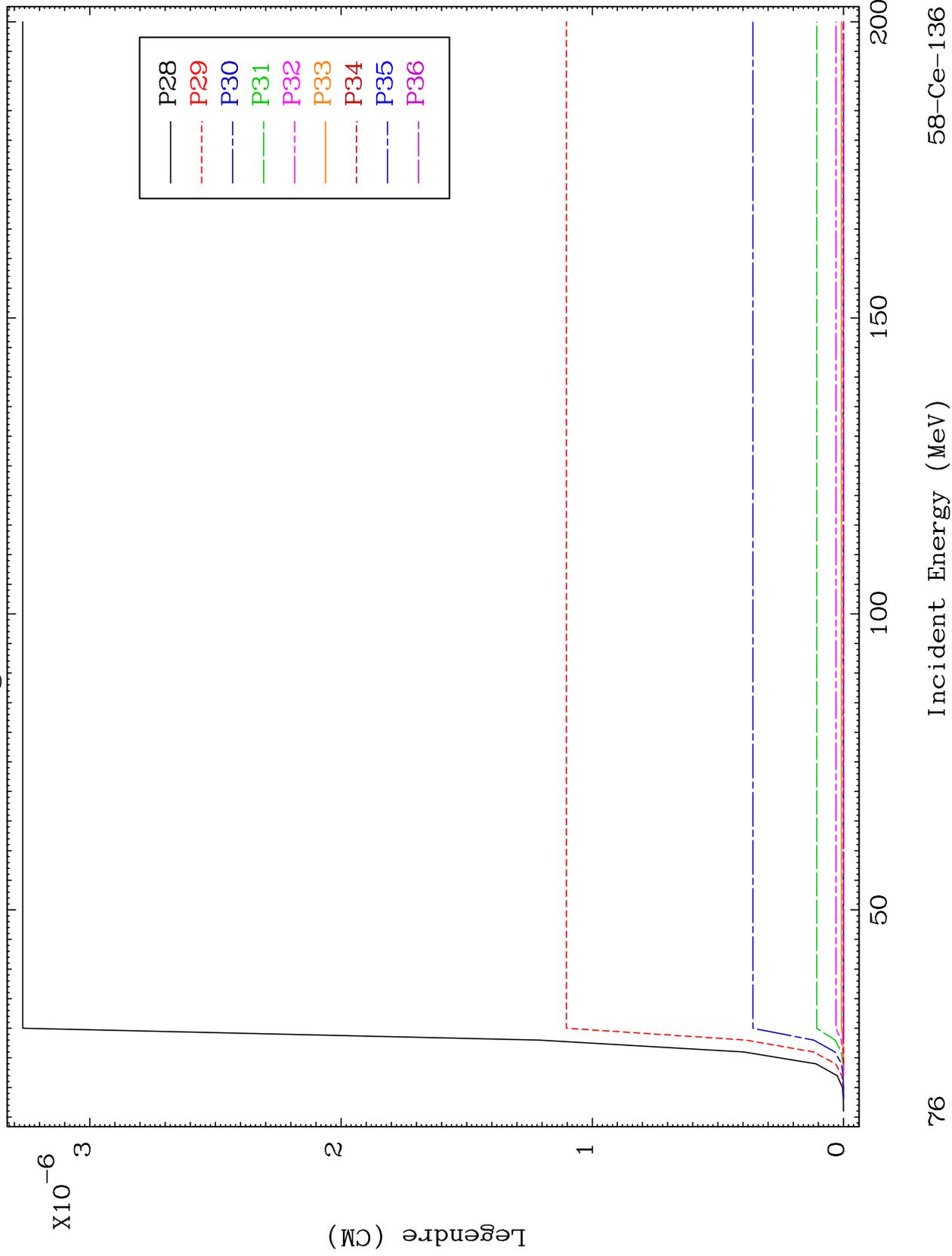
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

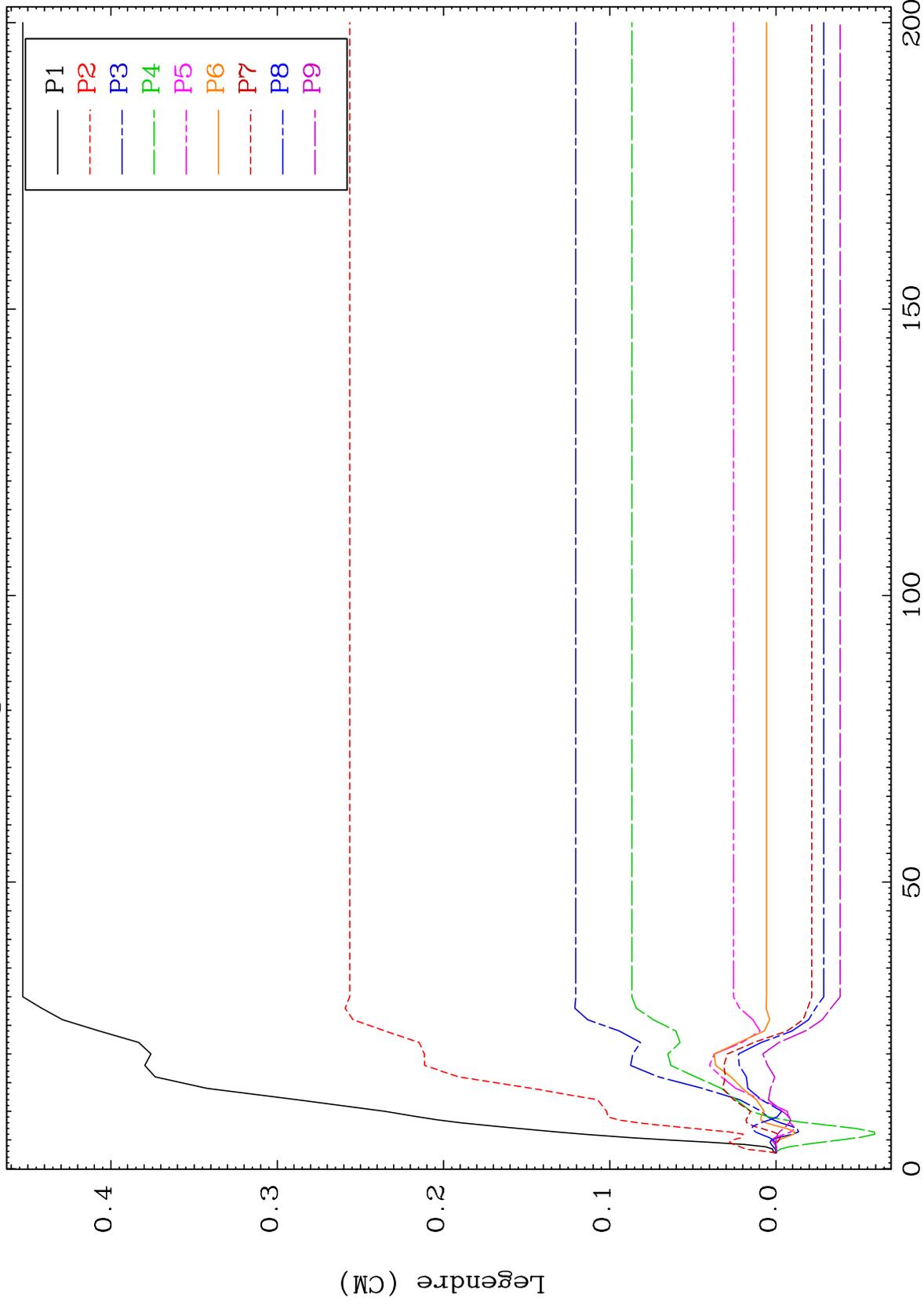
58-Ce-136



MAT 5825

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

58-Ce-136



77

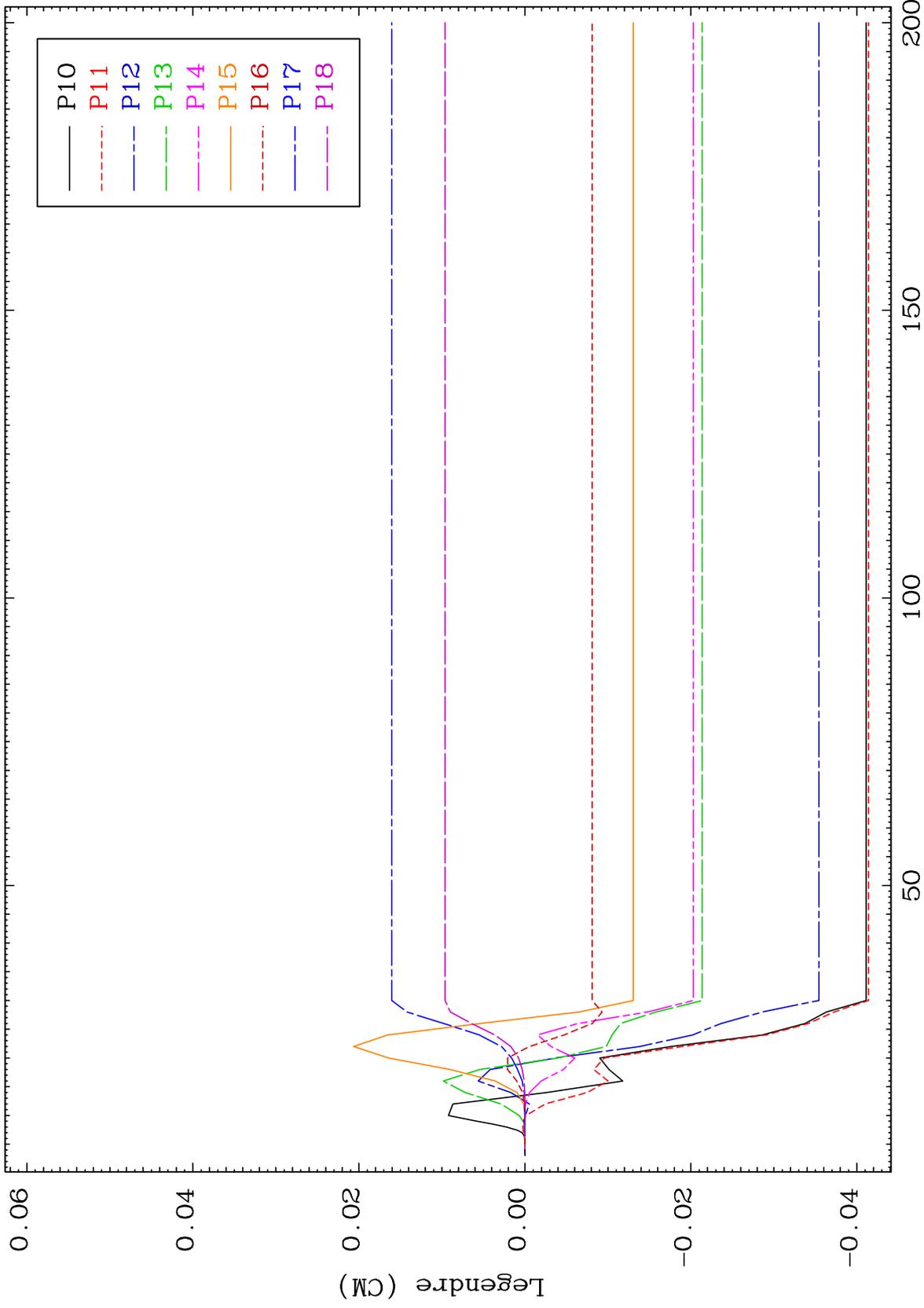
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



78

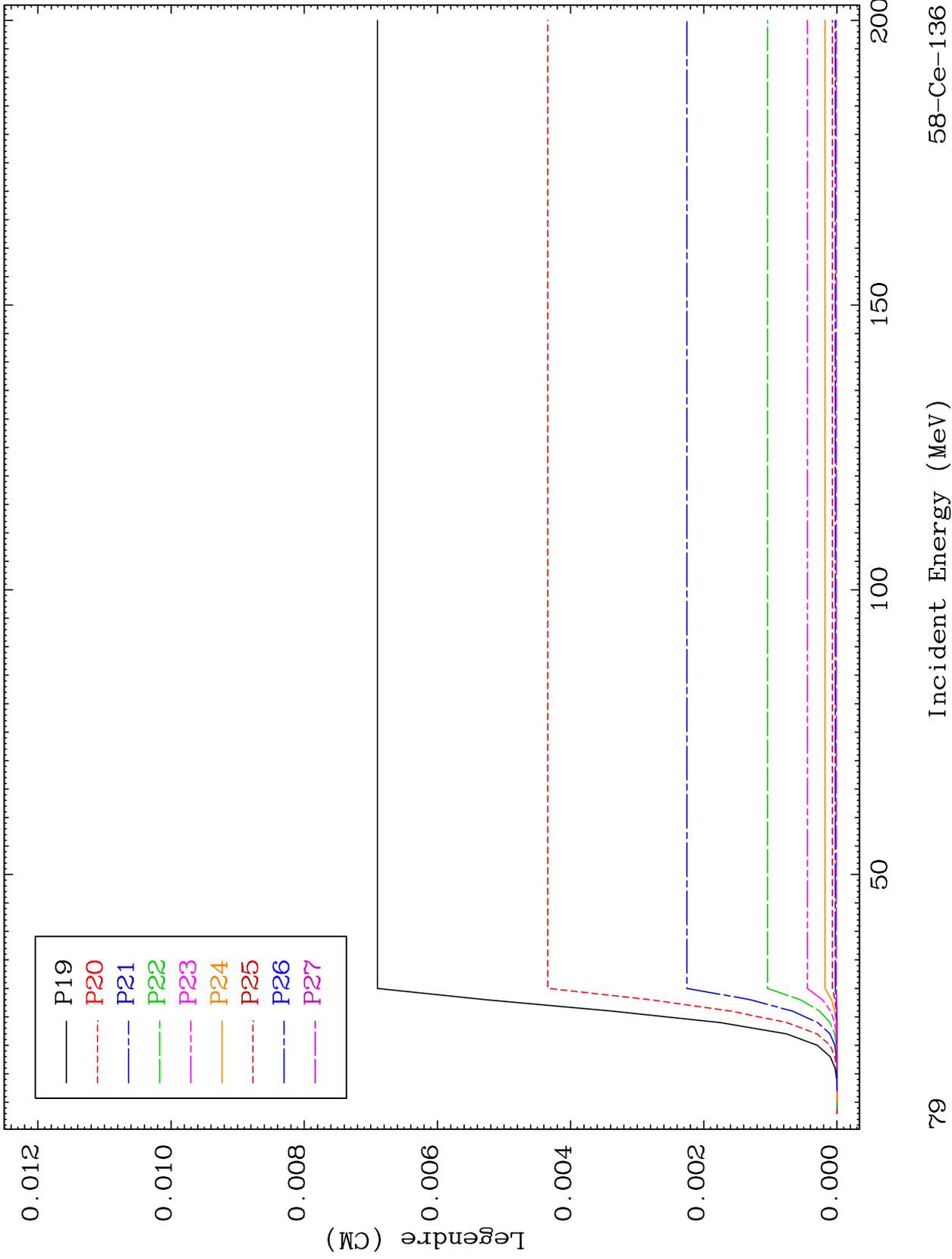
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

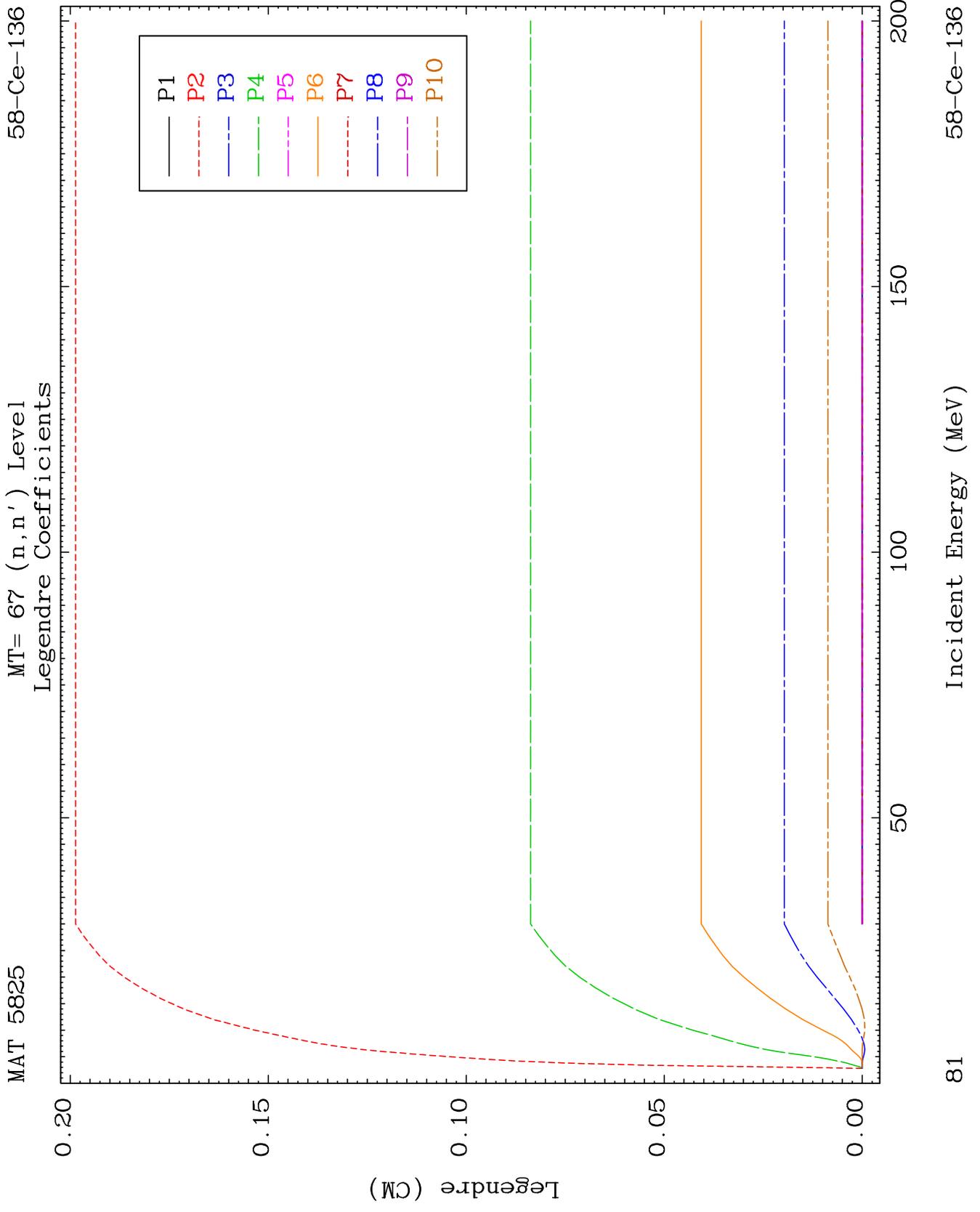
58-Ce-136



79

Incident Energy (MeV)

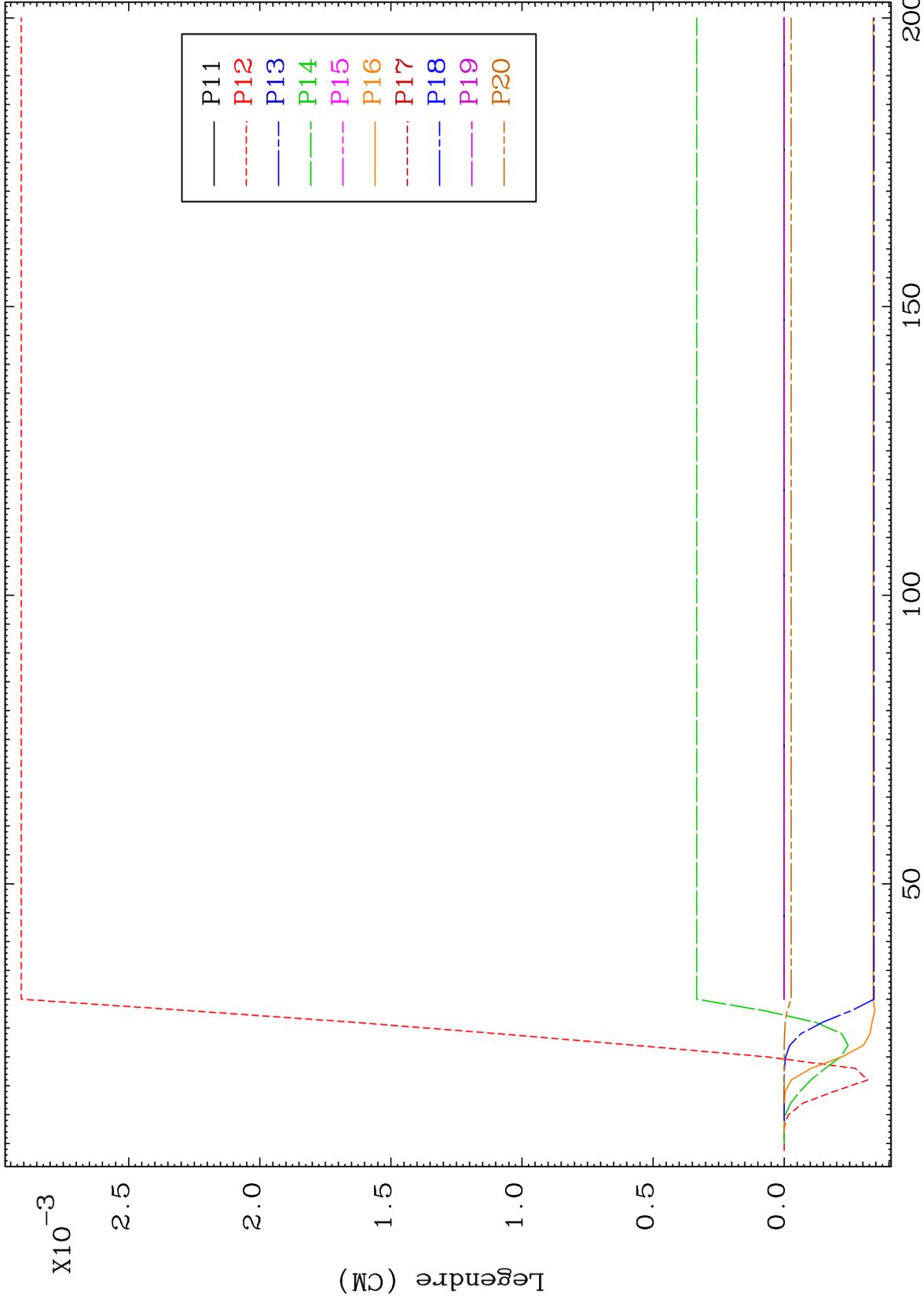
58-Ce-136



MAT 5825

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

58-Ce-136



82

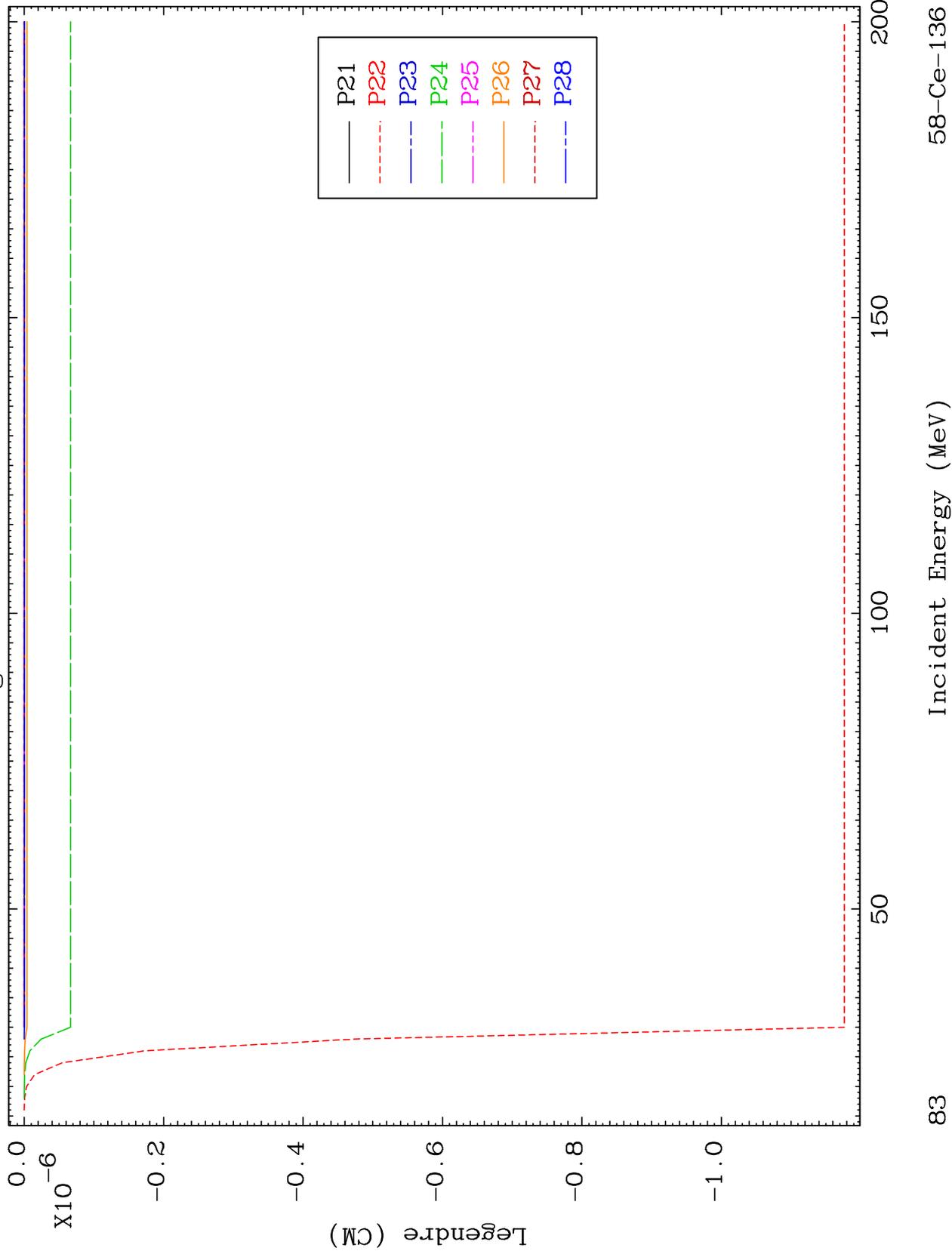
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



83

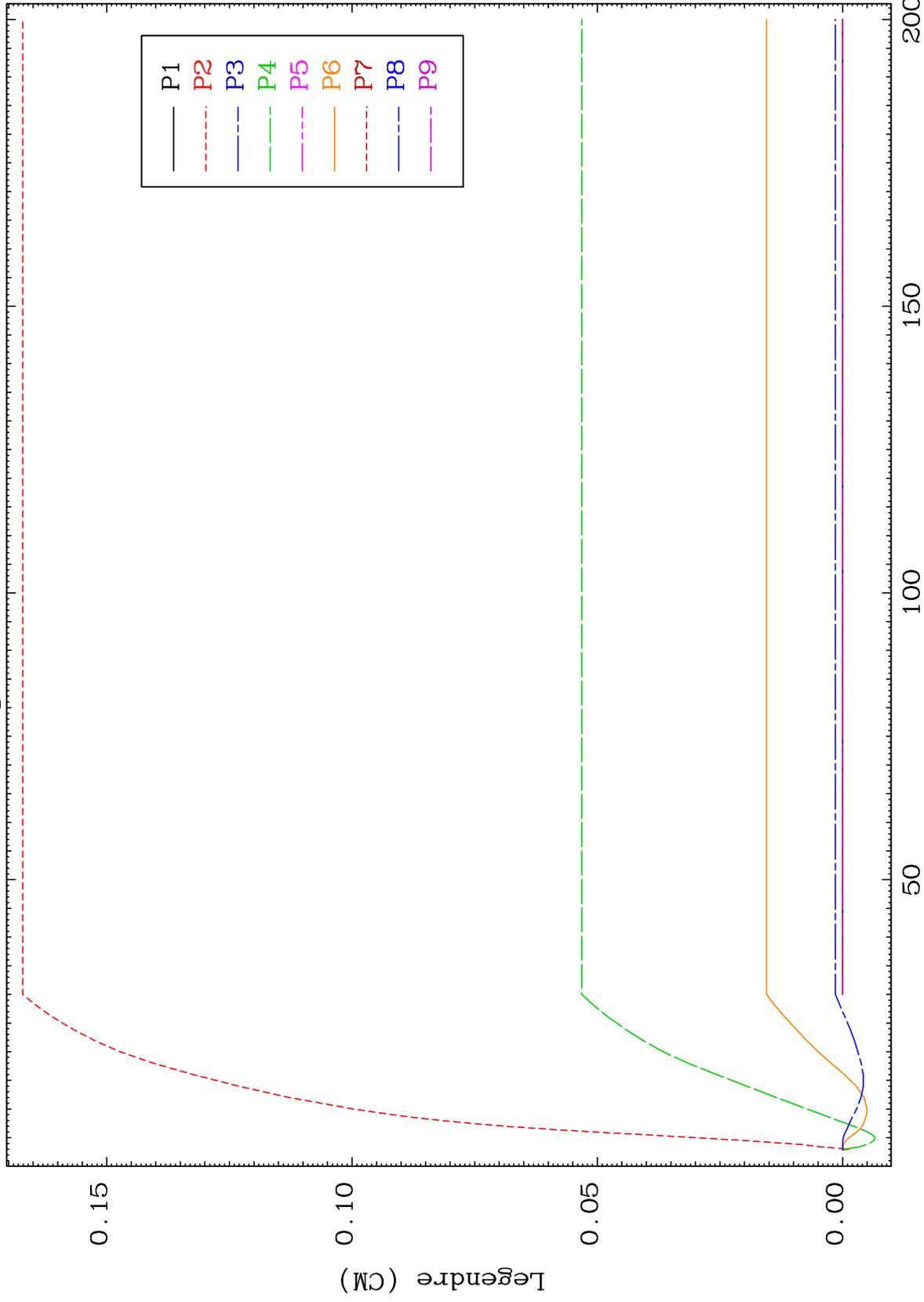
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



84

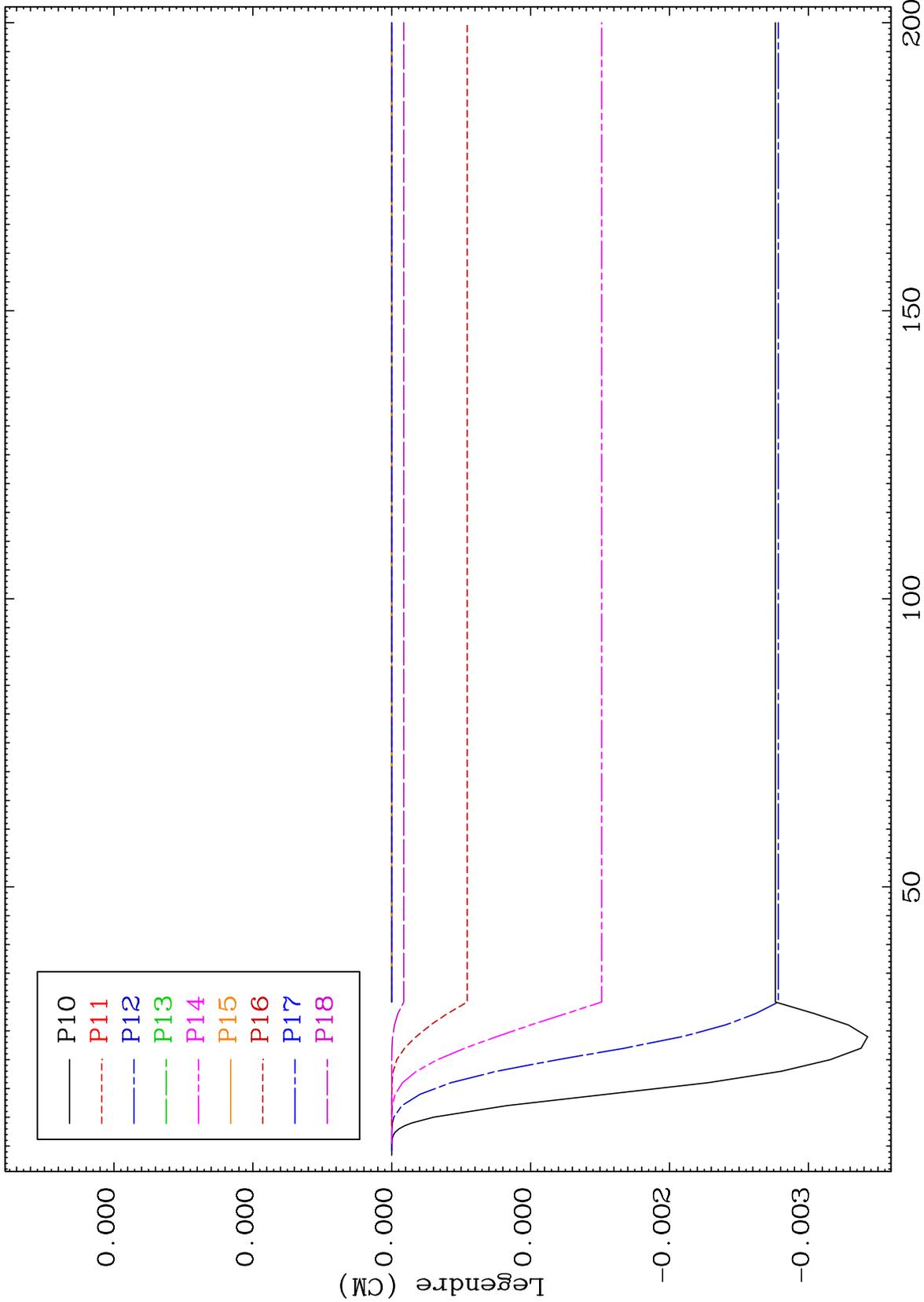
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

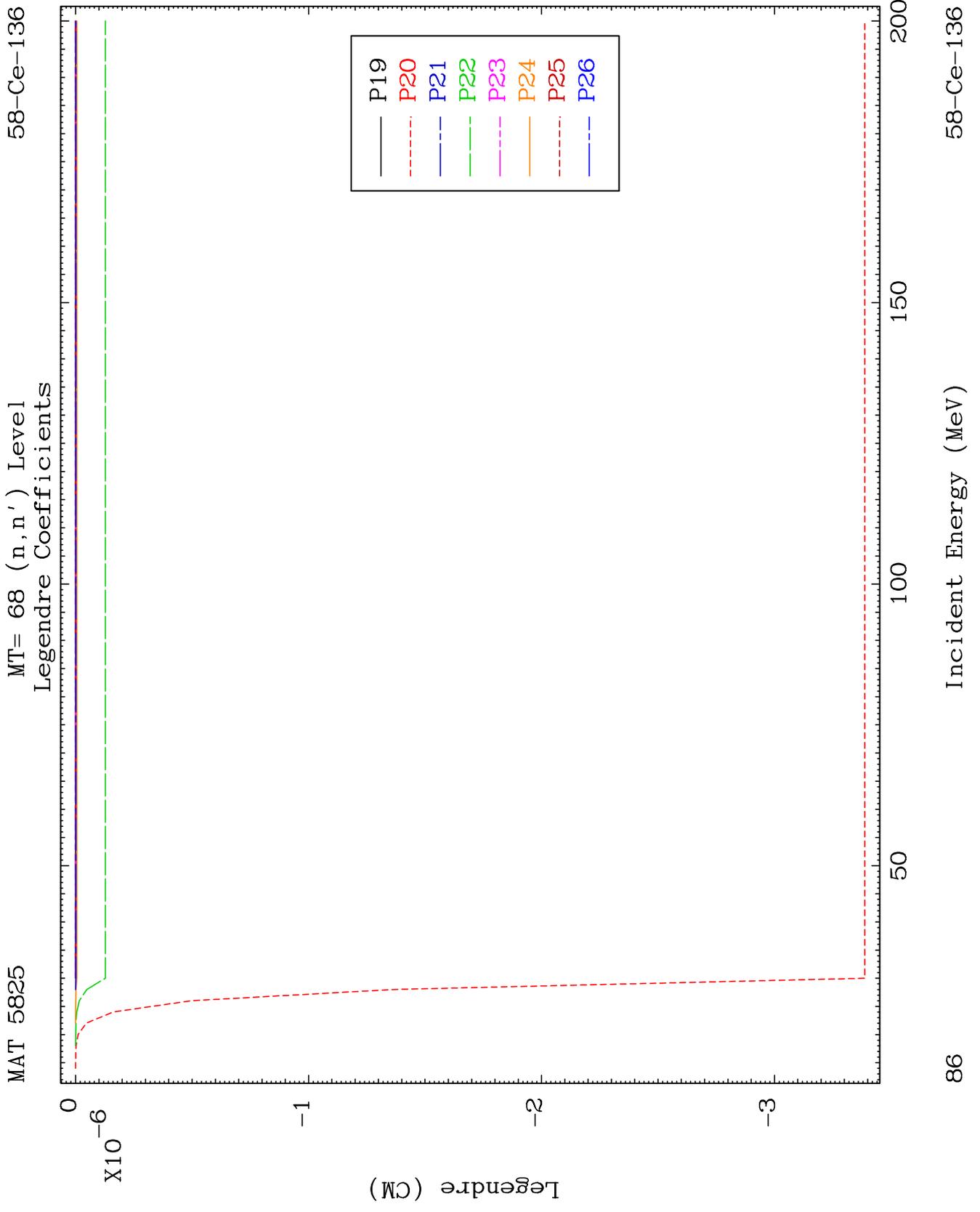
58-Ce-136



85

Incident Energy (MeV)

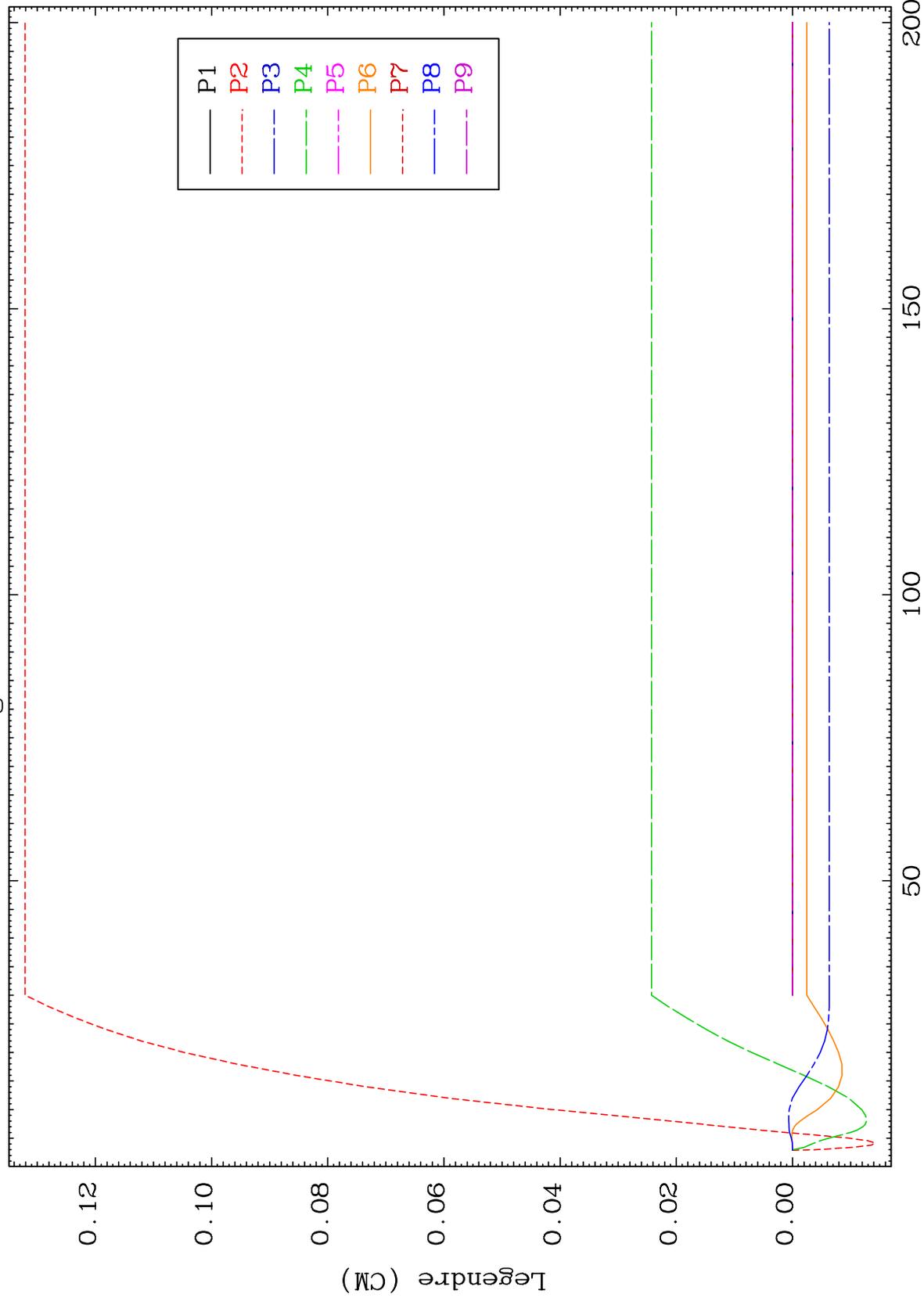
58-Ce-136



MAT 5825

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

58-Ce-136



87

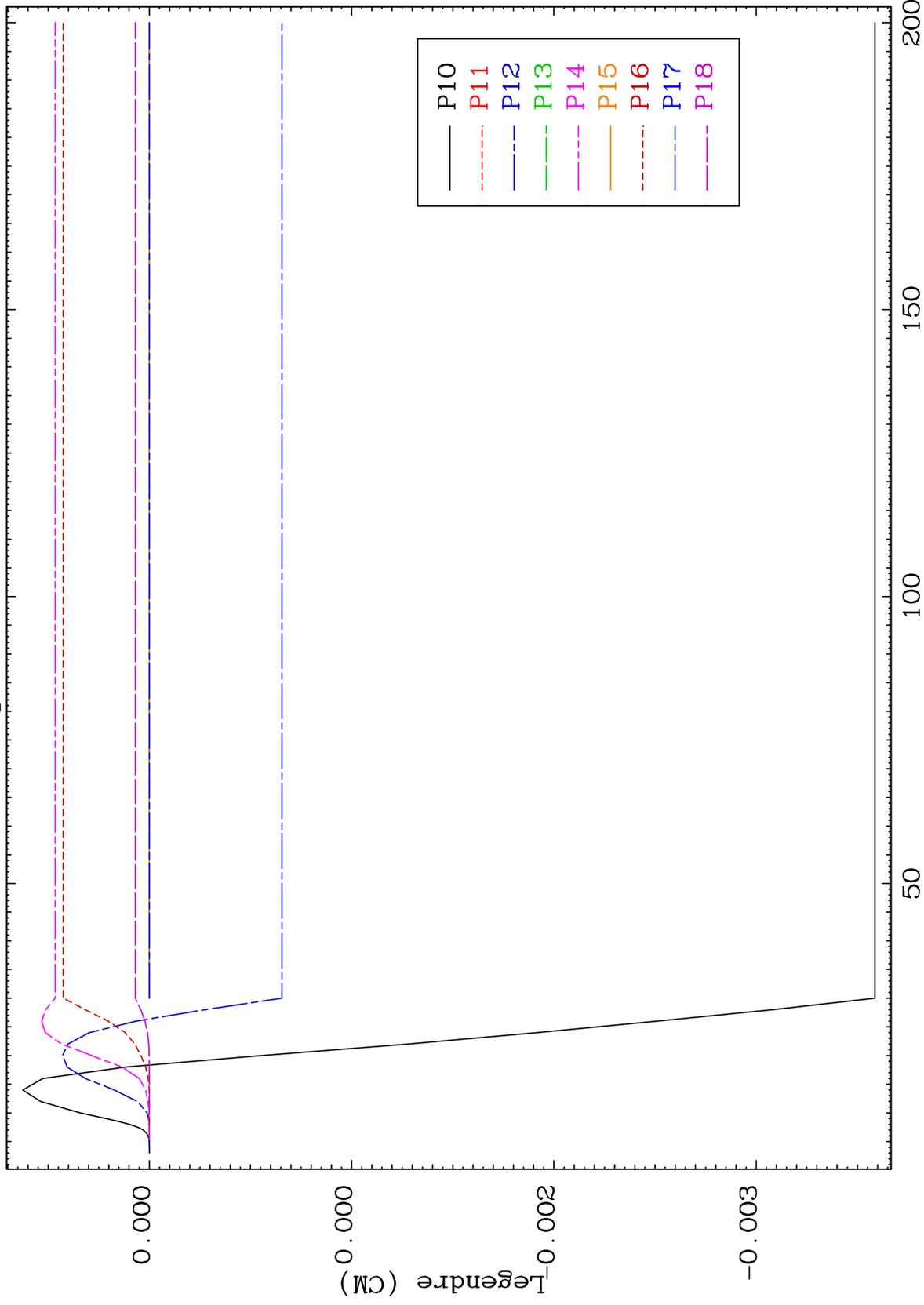
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

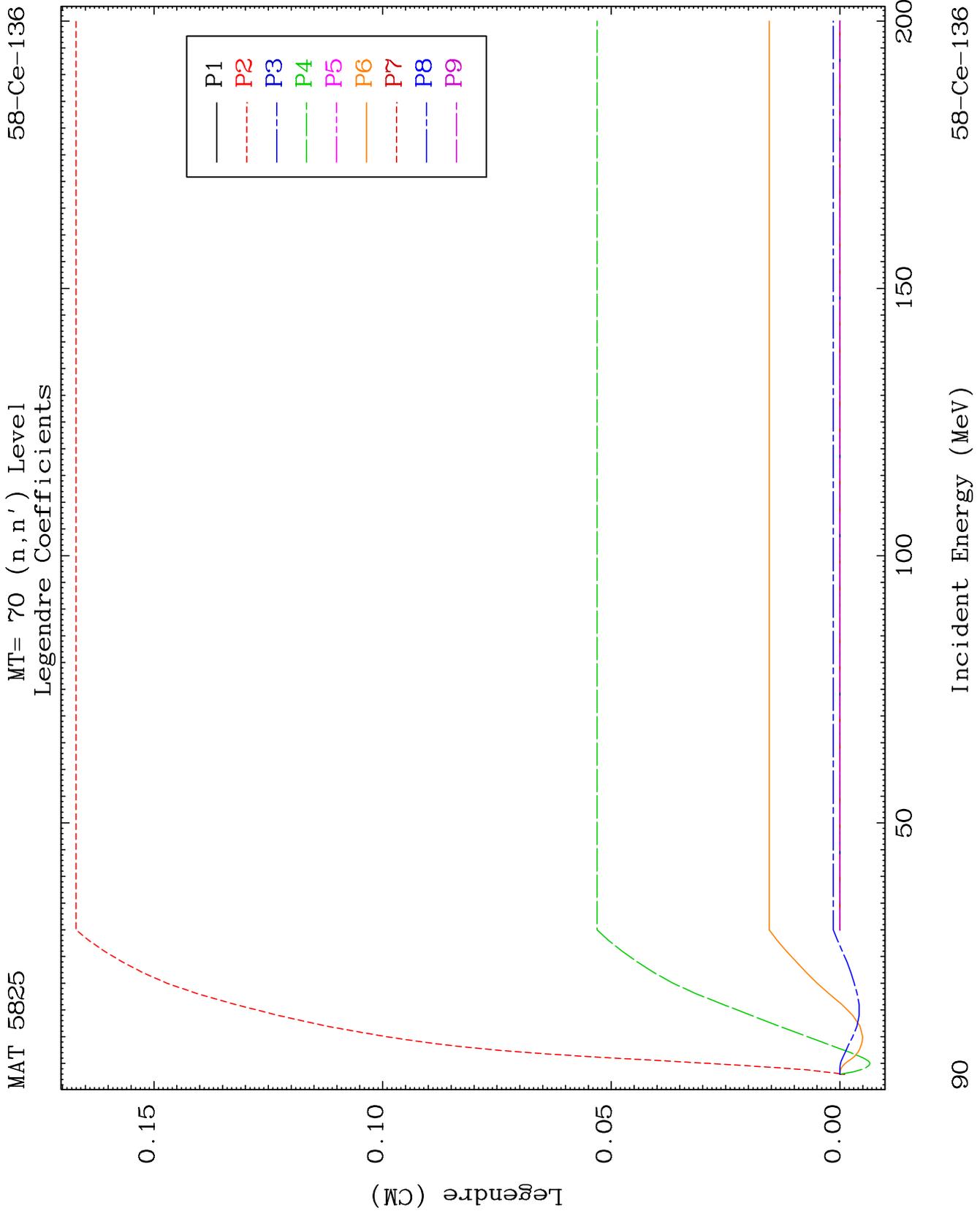
58-Ce-136



88

Incident Energy (MeV)

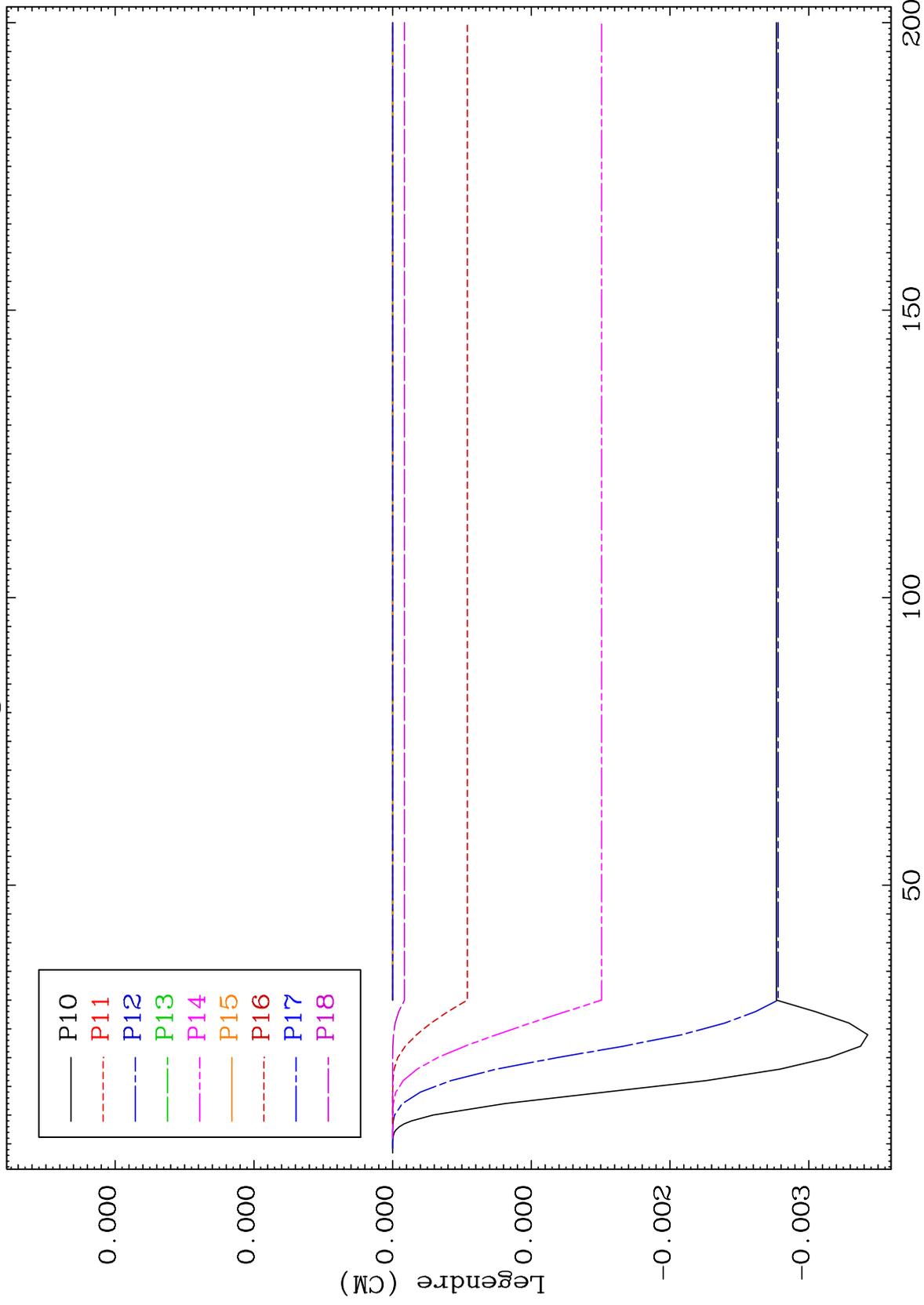
58-Ce-136



MAT 5825

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

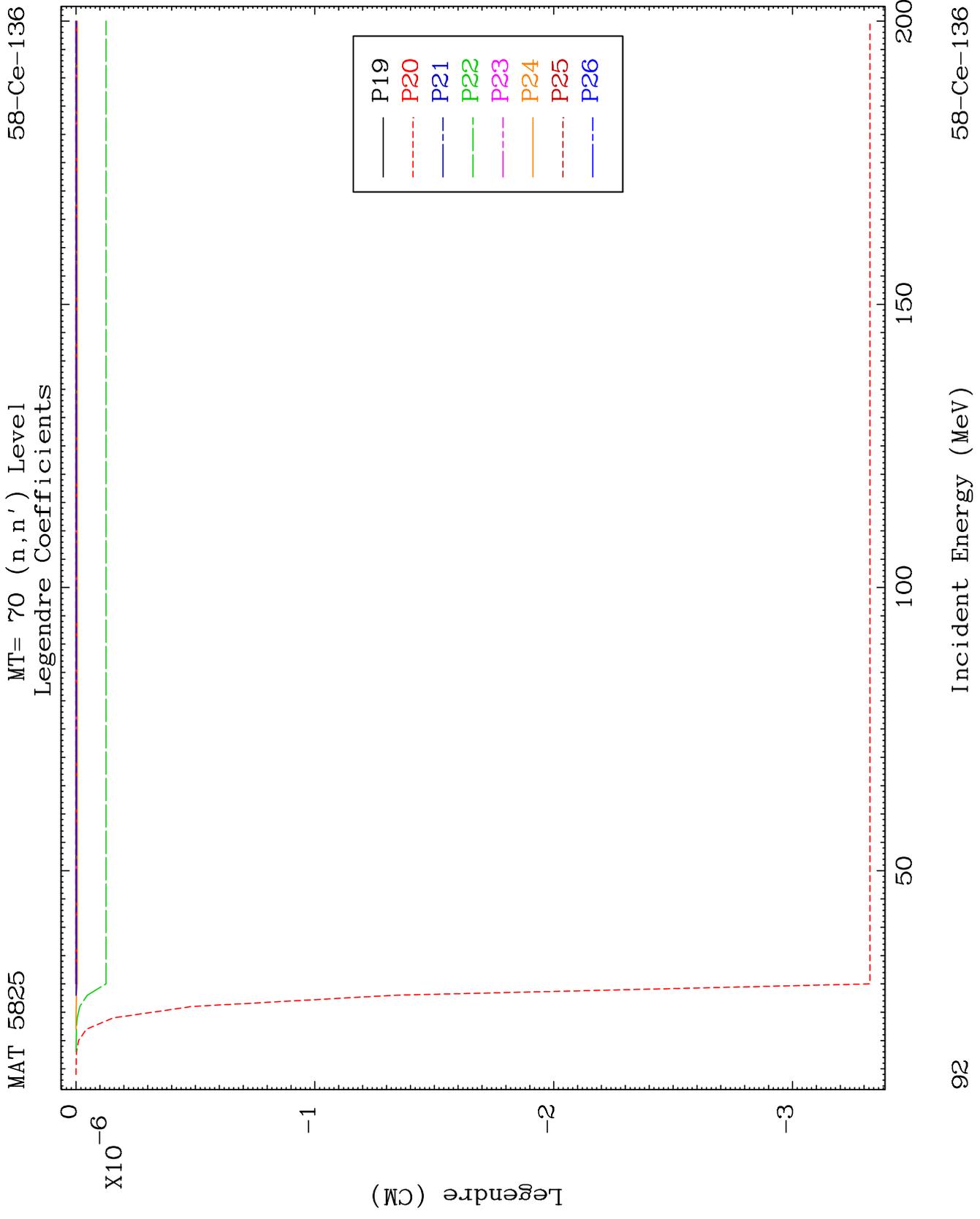
58-Ce-136



91

Incident Energy (MeV)

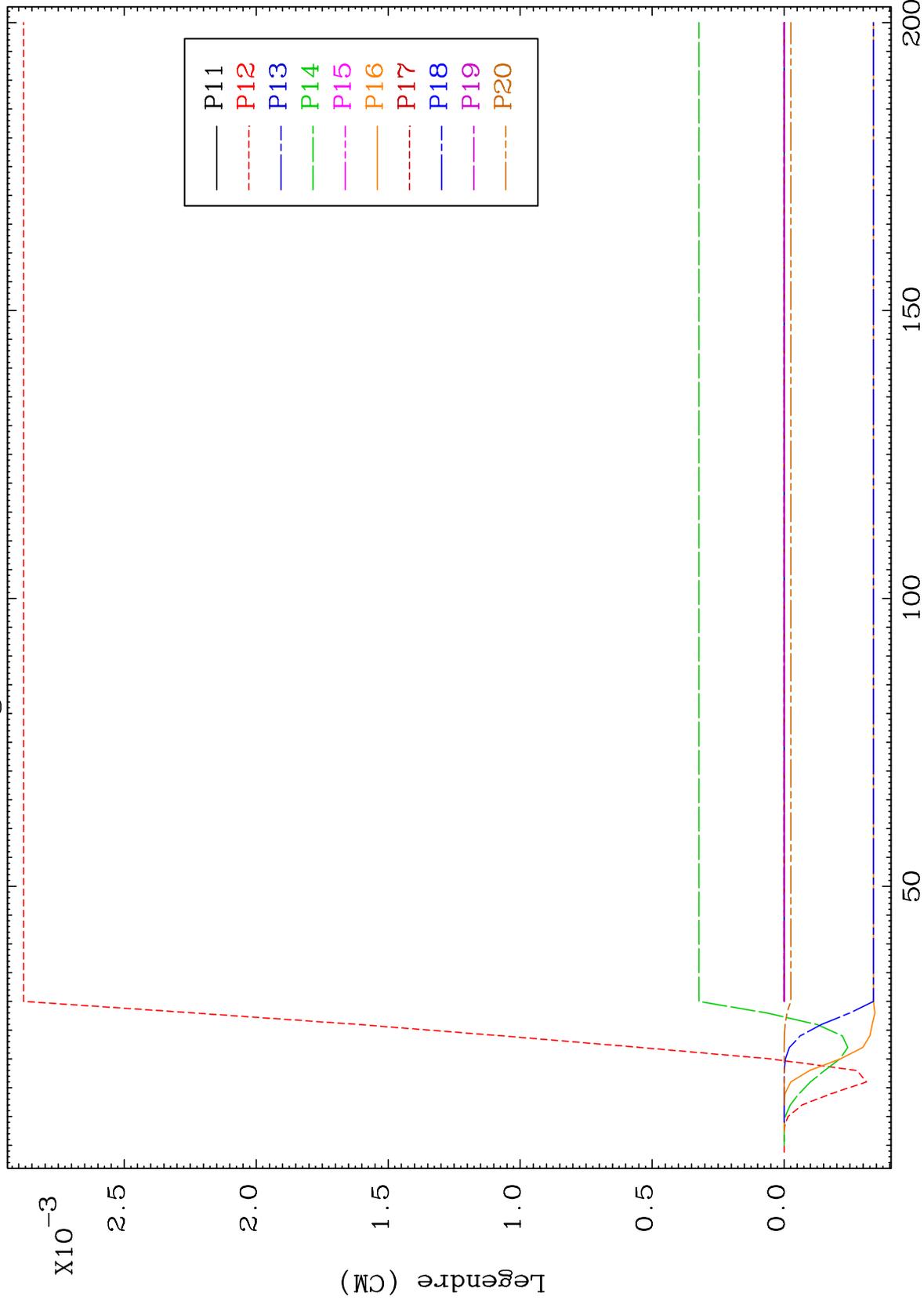
58-Ce-136



MAT 5825

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

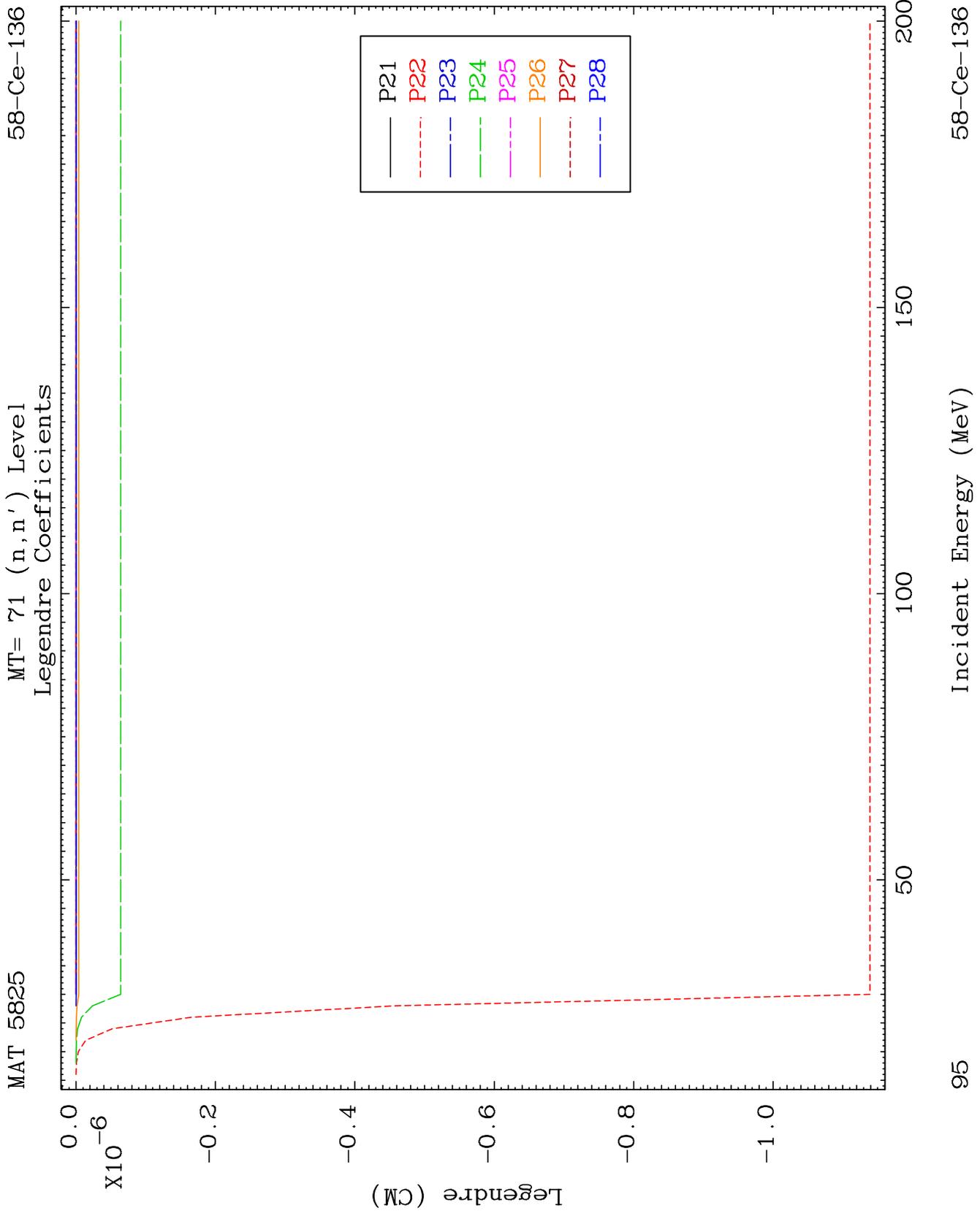
58-Ce-136



94

Incident Energy (MeV)

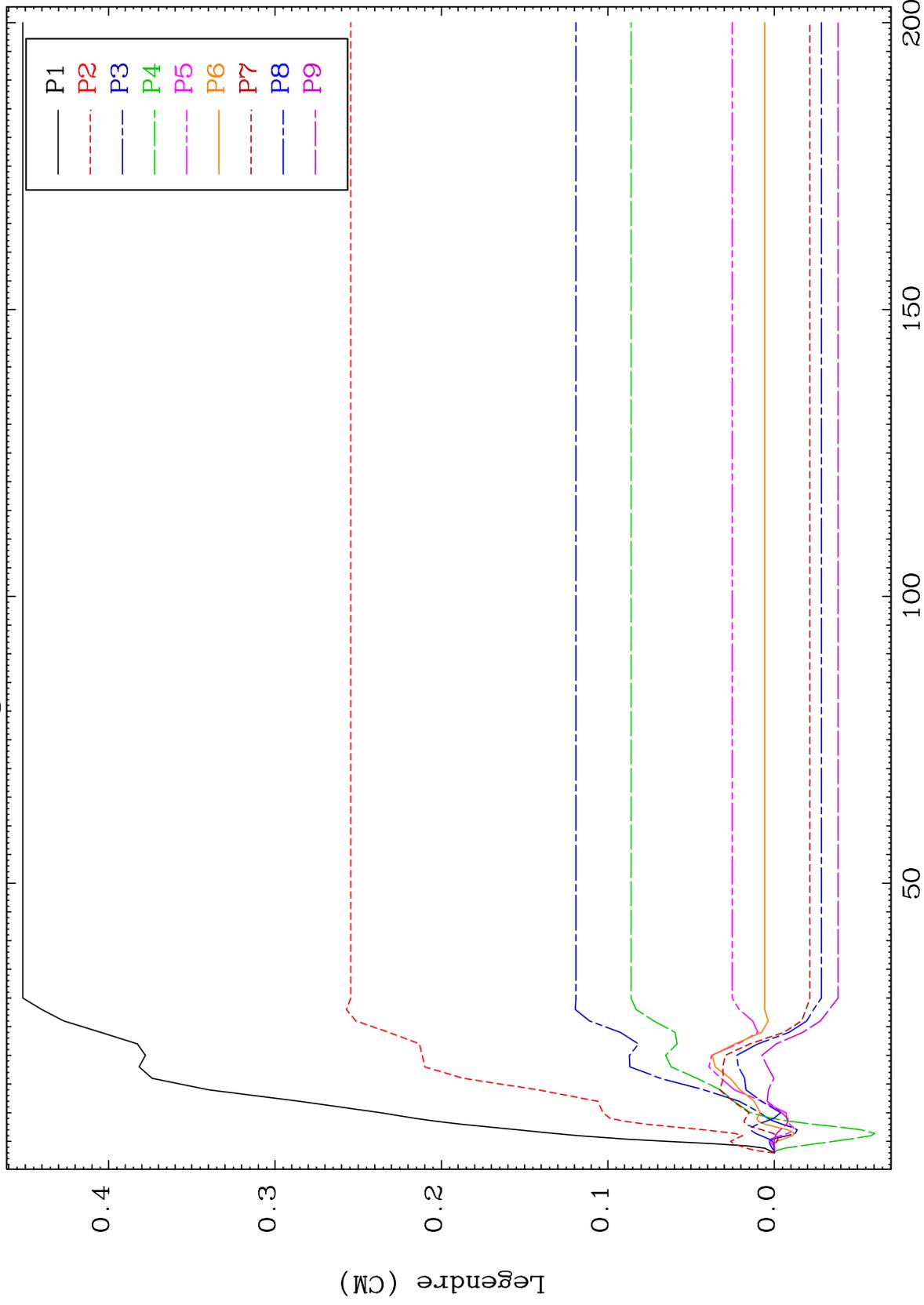
58-Ce-136



MAT 5825

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

58-Ce-136



96

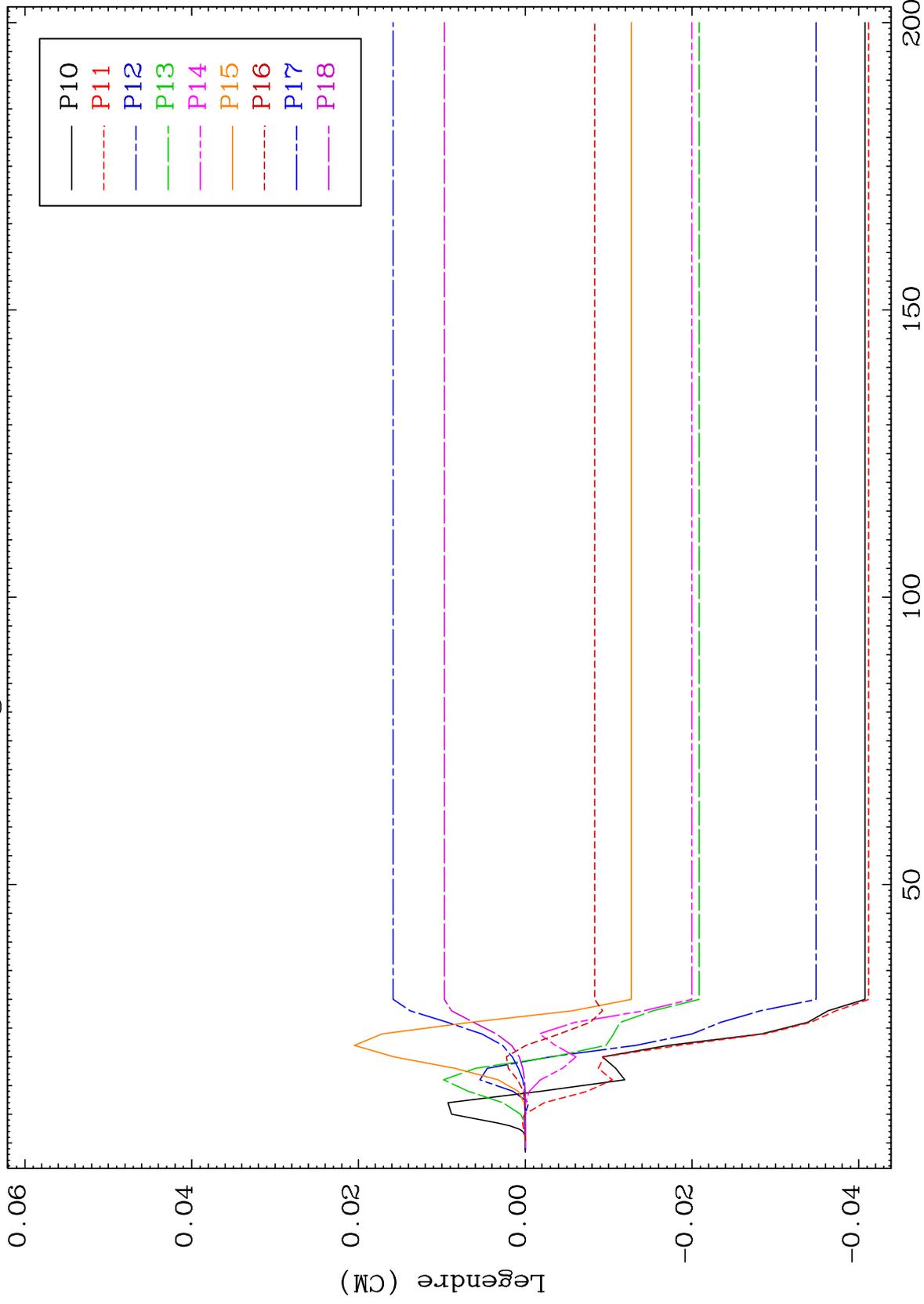
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



97

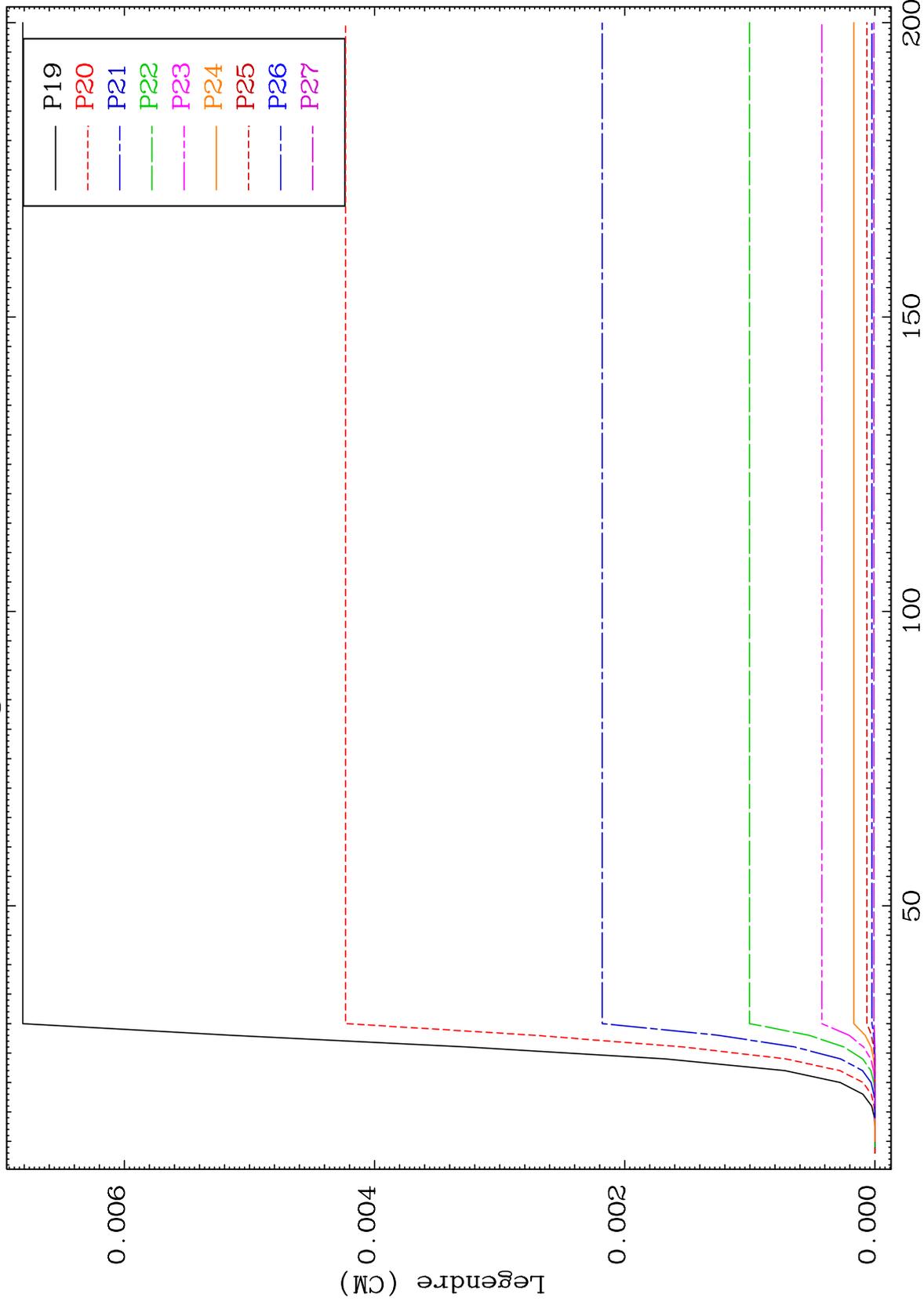
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



98

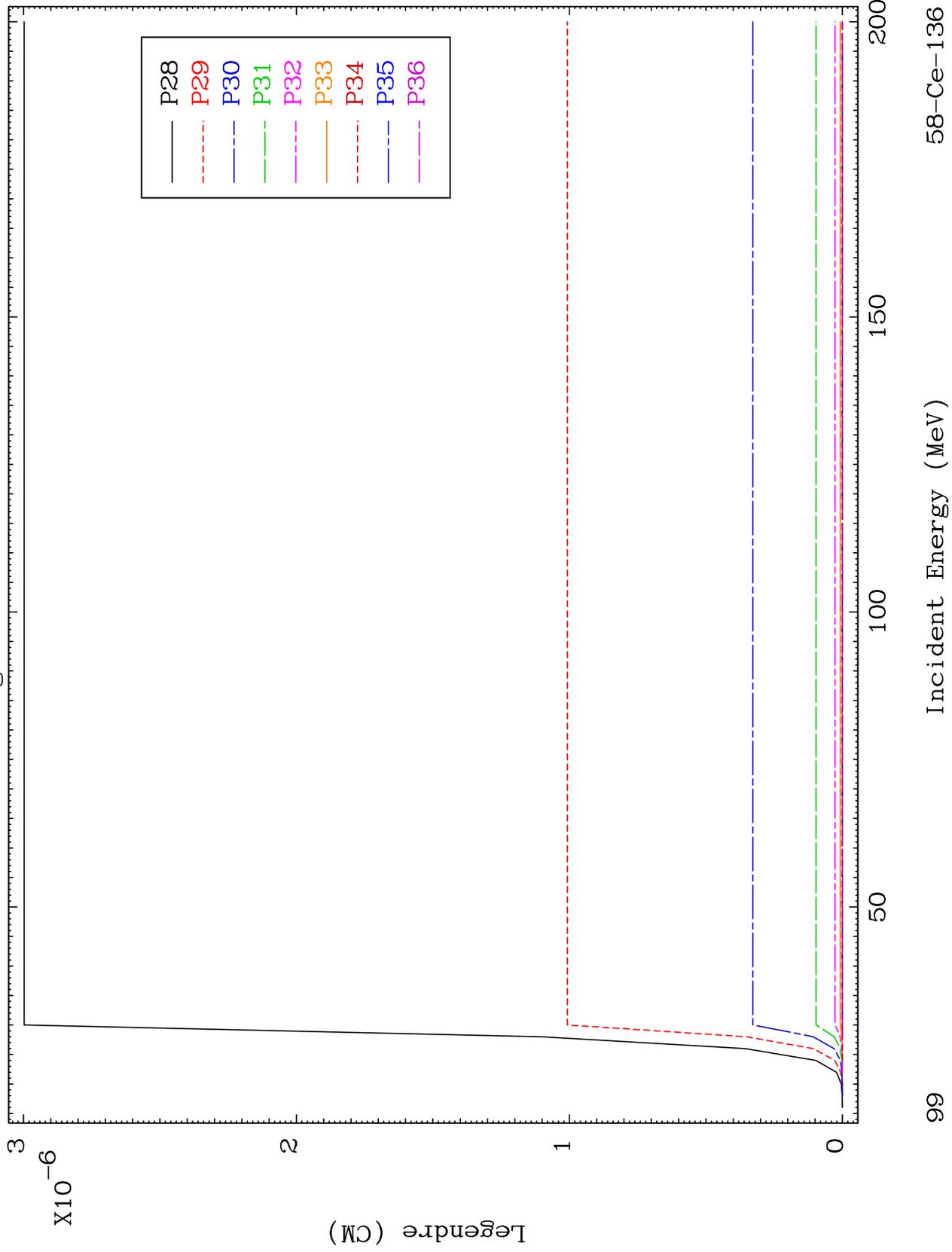
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

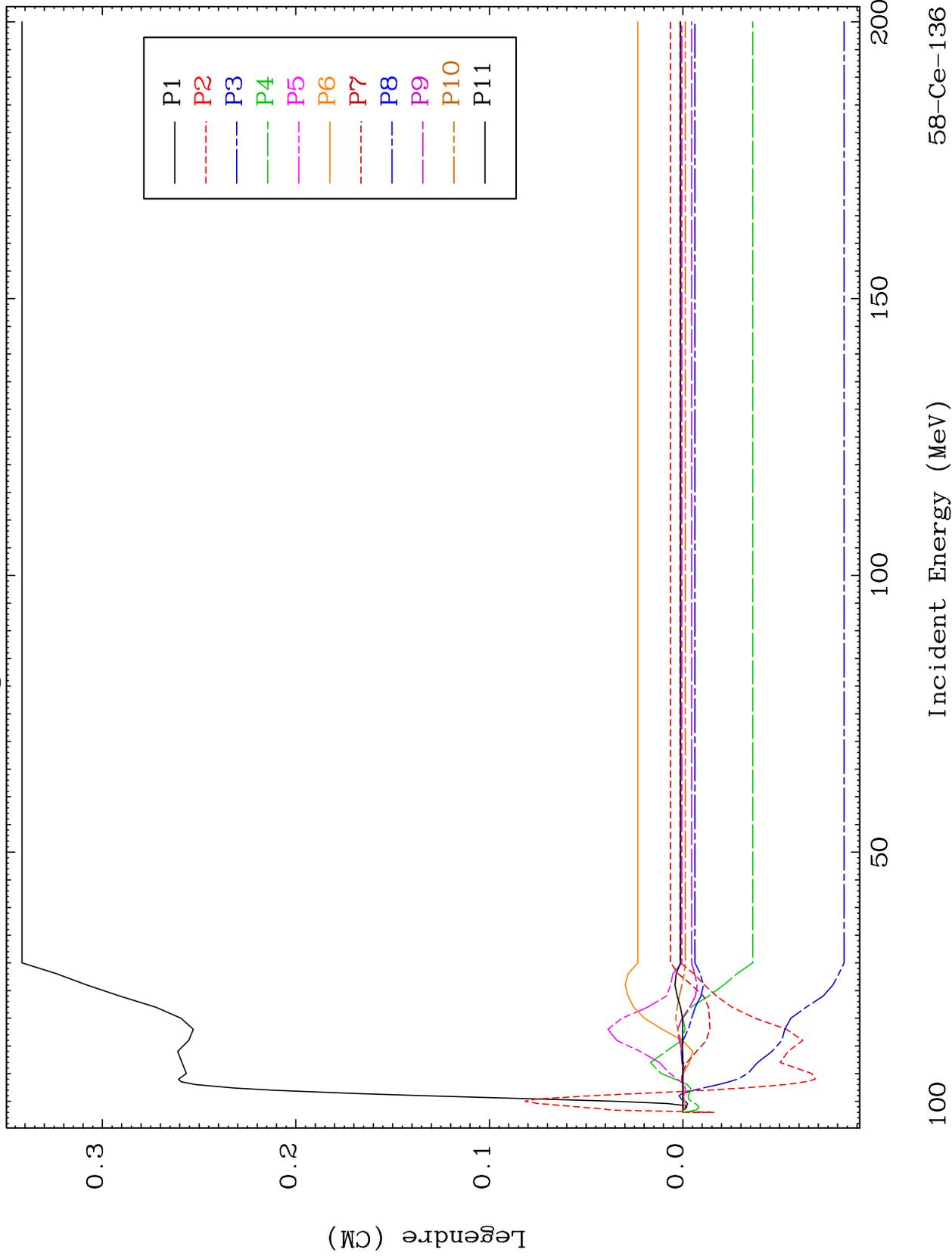
58-Ce-136



MAT 5825

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

58-Ce-136

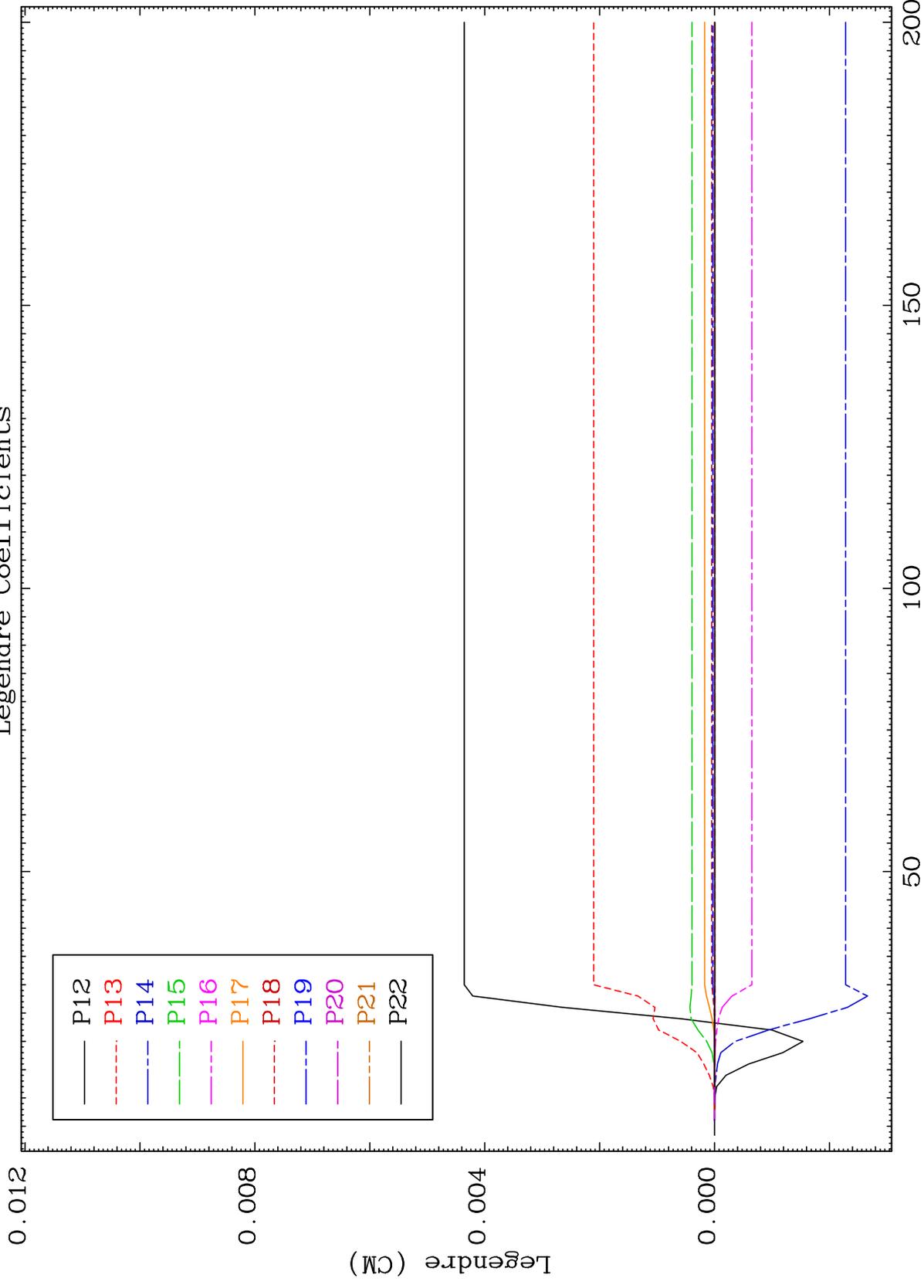


58-Ce-136

MAT 5825

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

58-Ce-136



101

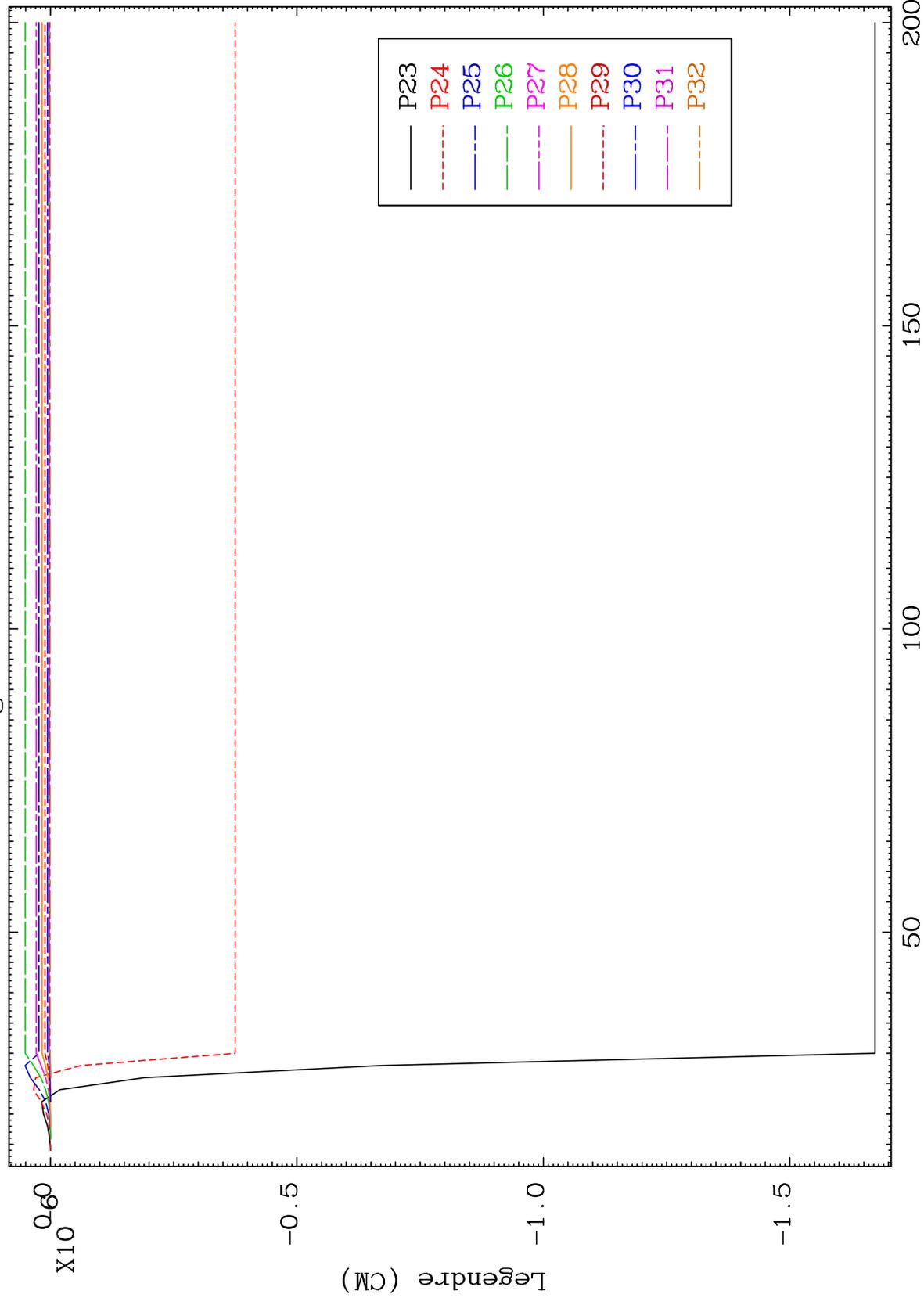
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



102

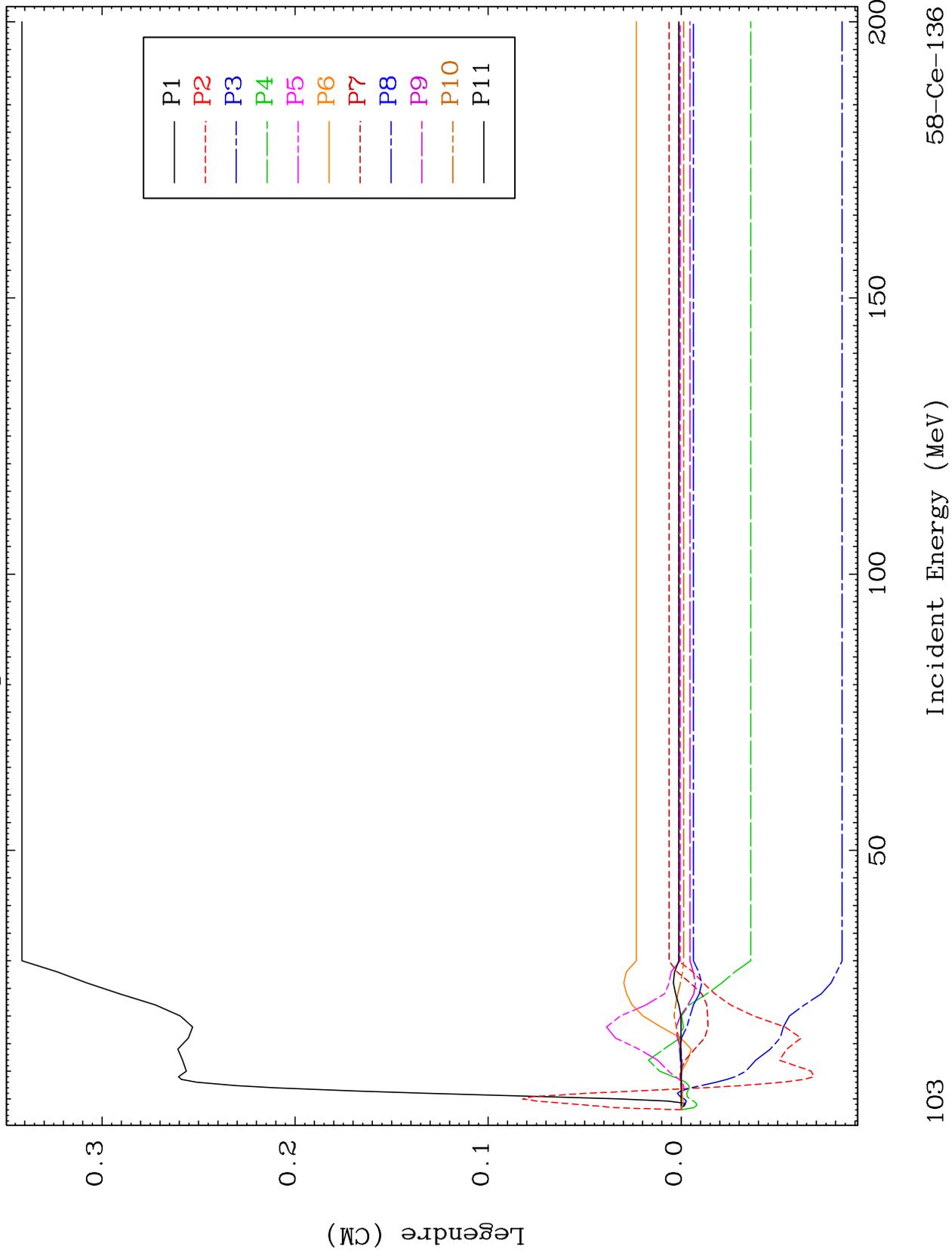
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



103

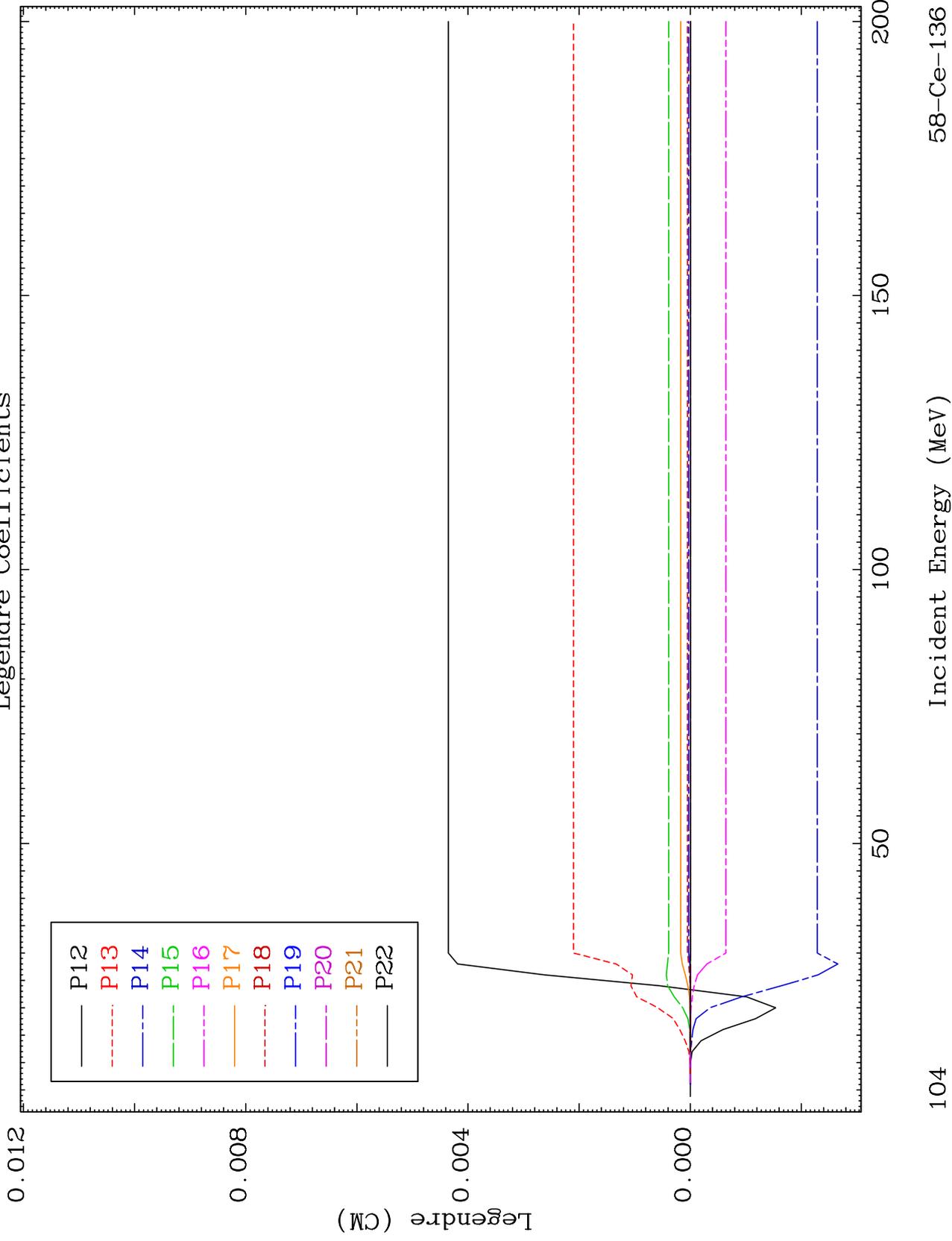
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



104

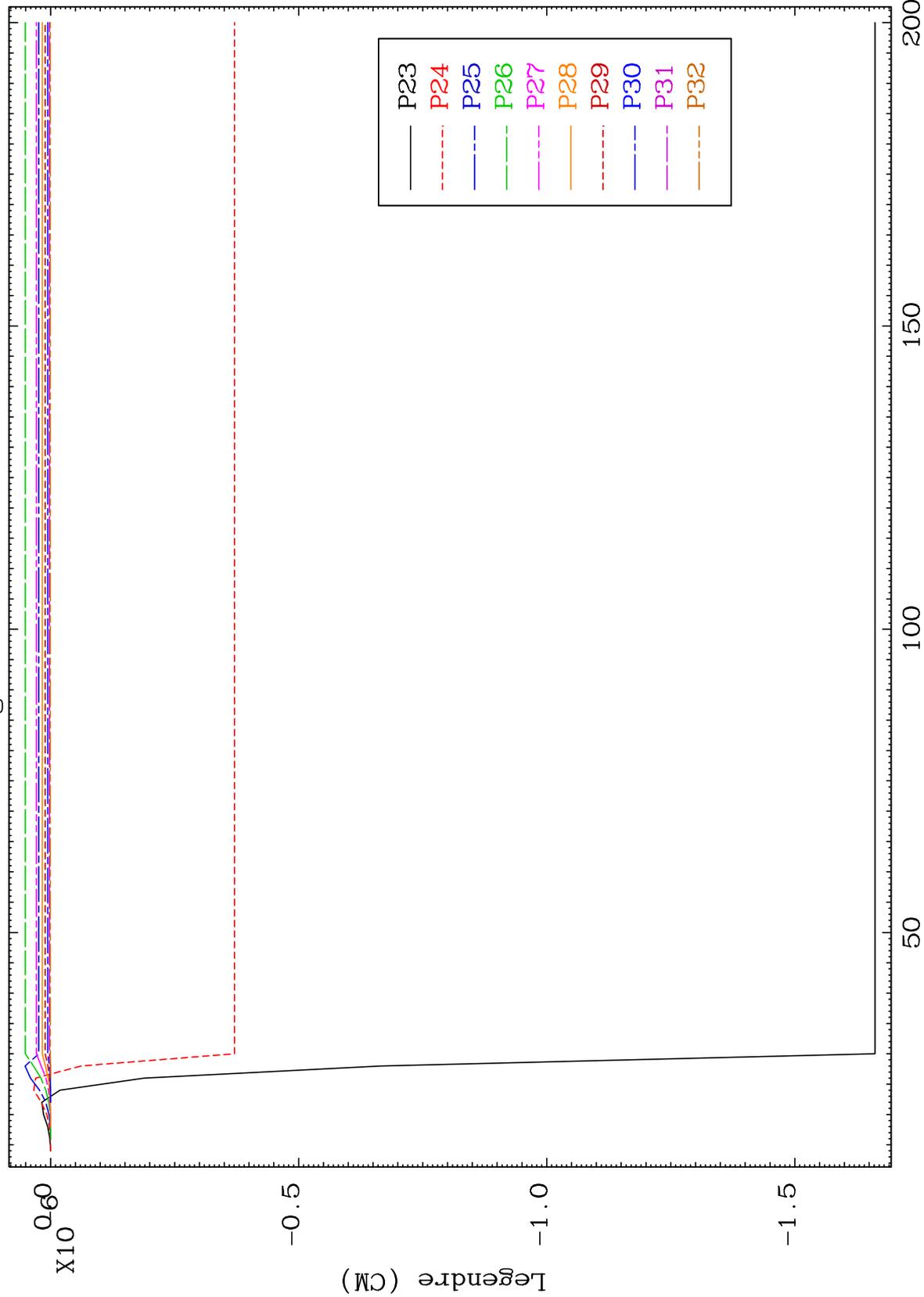
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



105

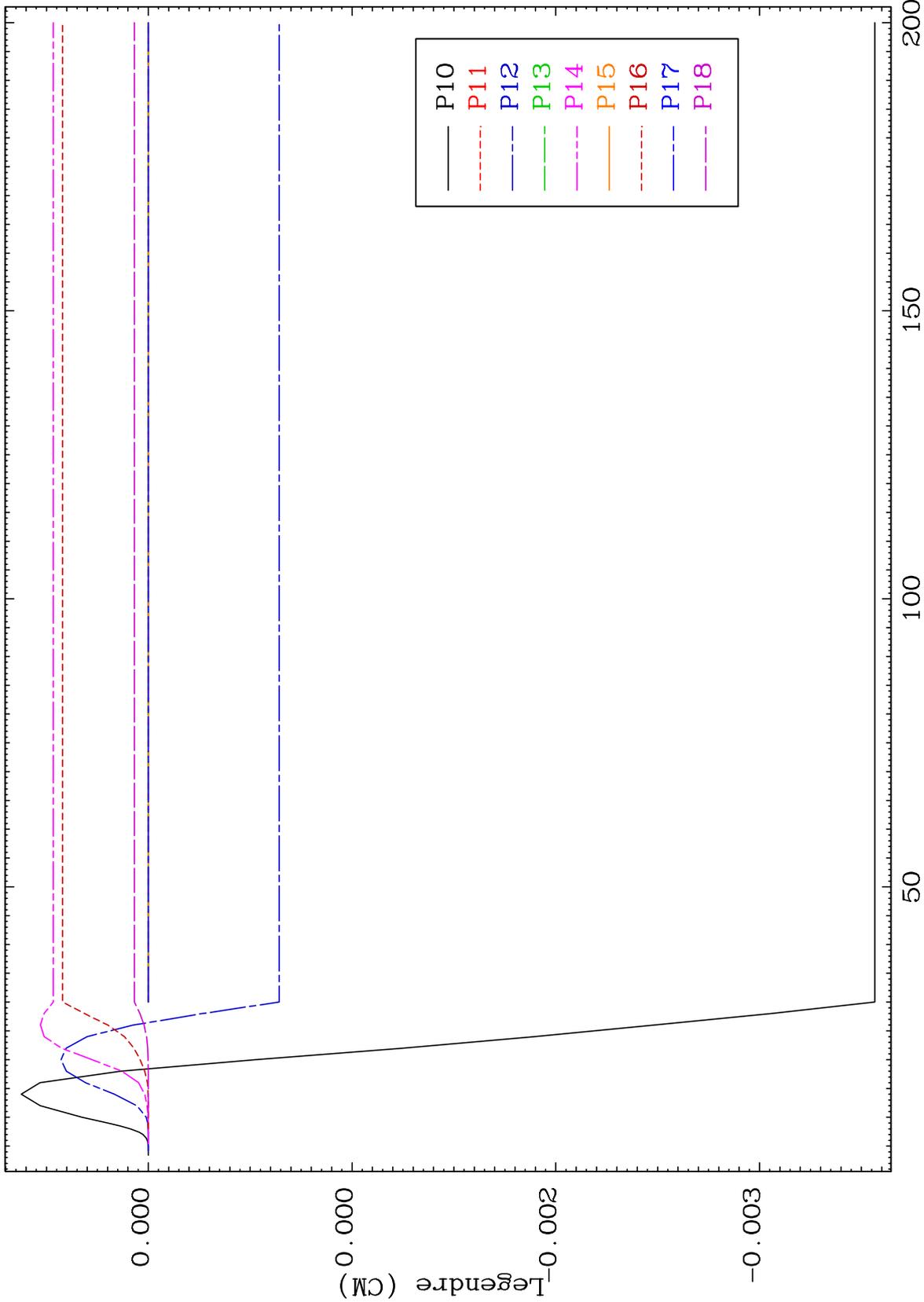
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



107

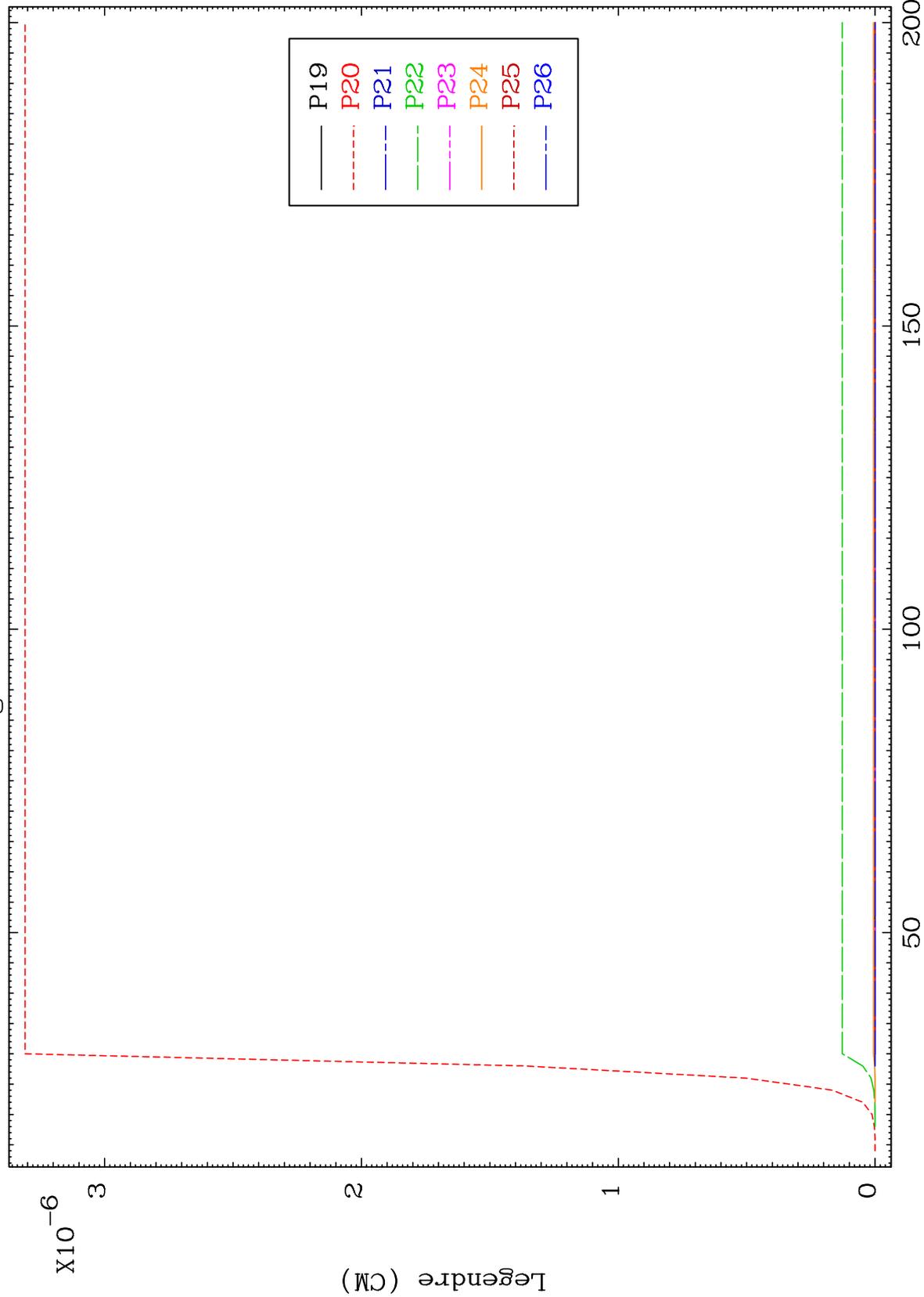
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



58-Ce-136

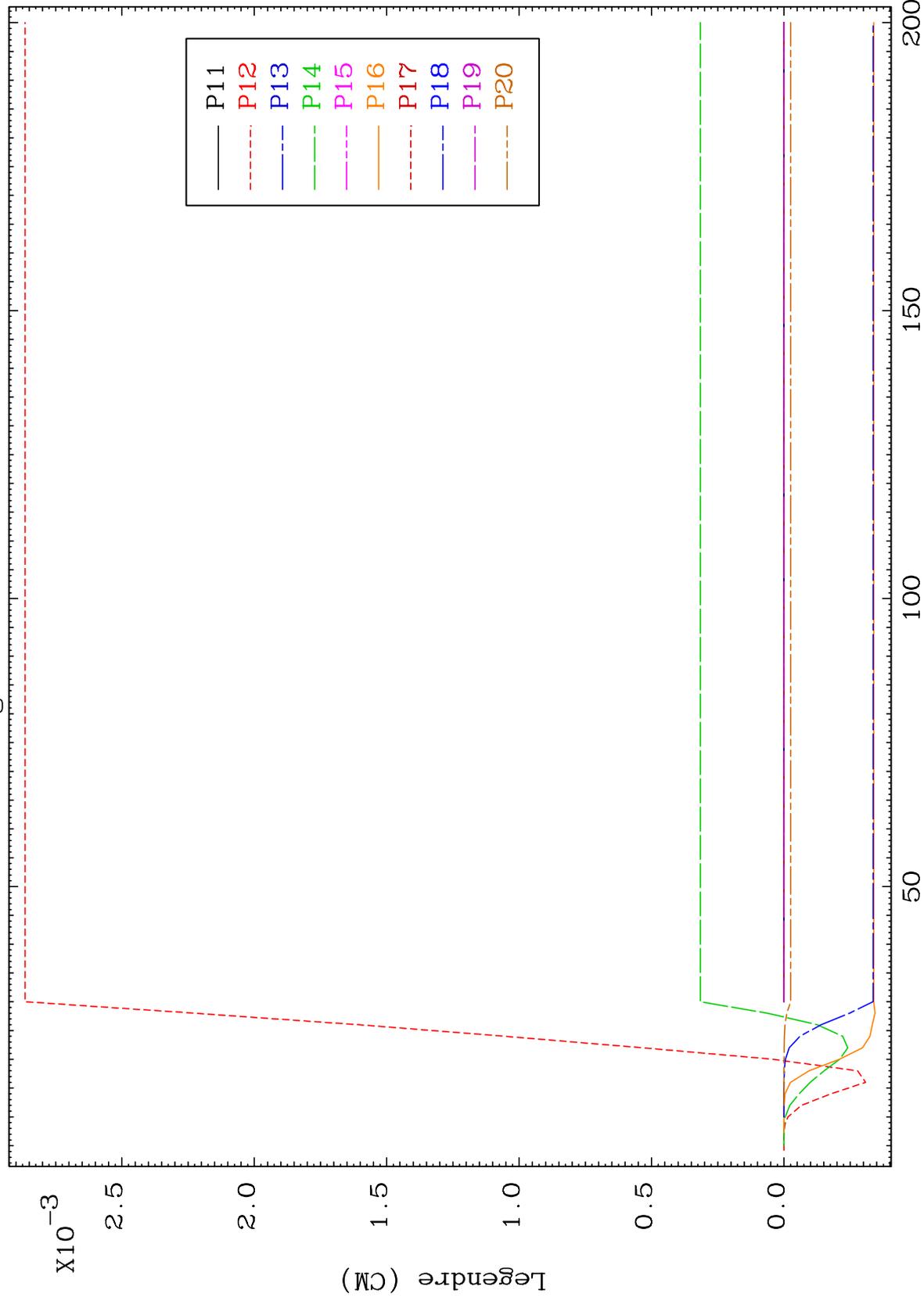
Incident Energy (MeV)

108

MAT 5825

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

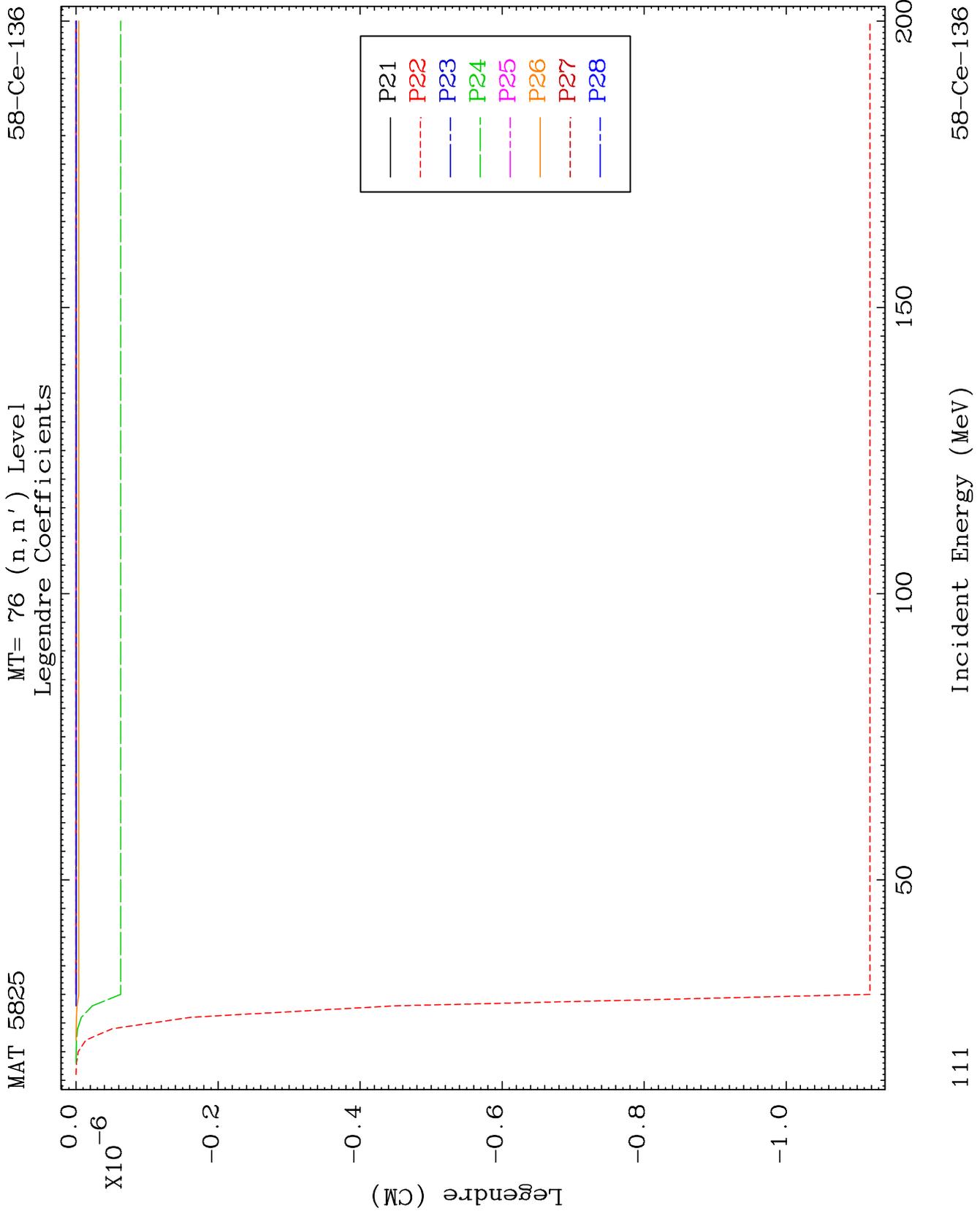
58-Ce-136



110

Incident Energy (MeV)

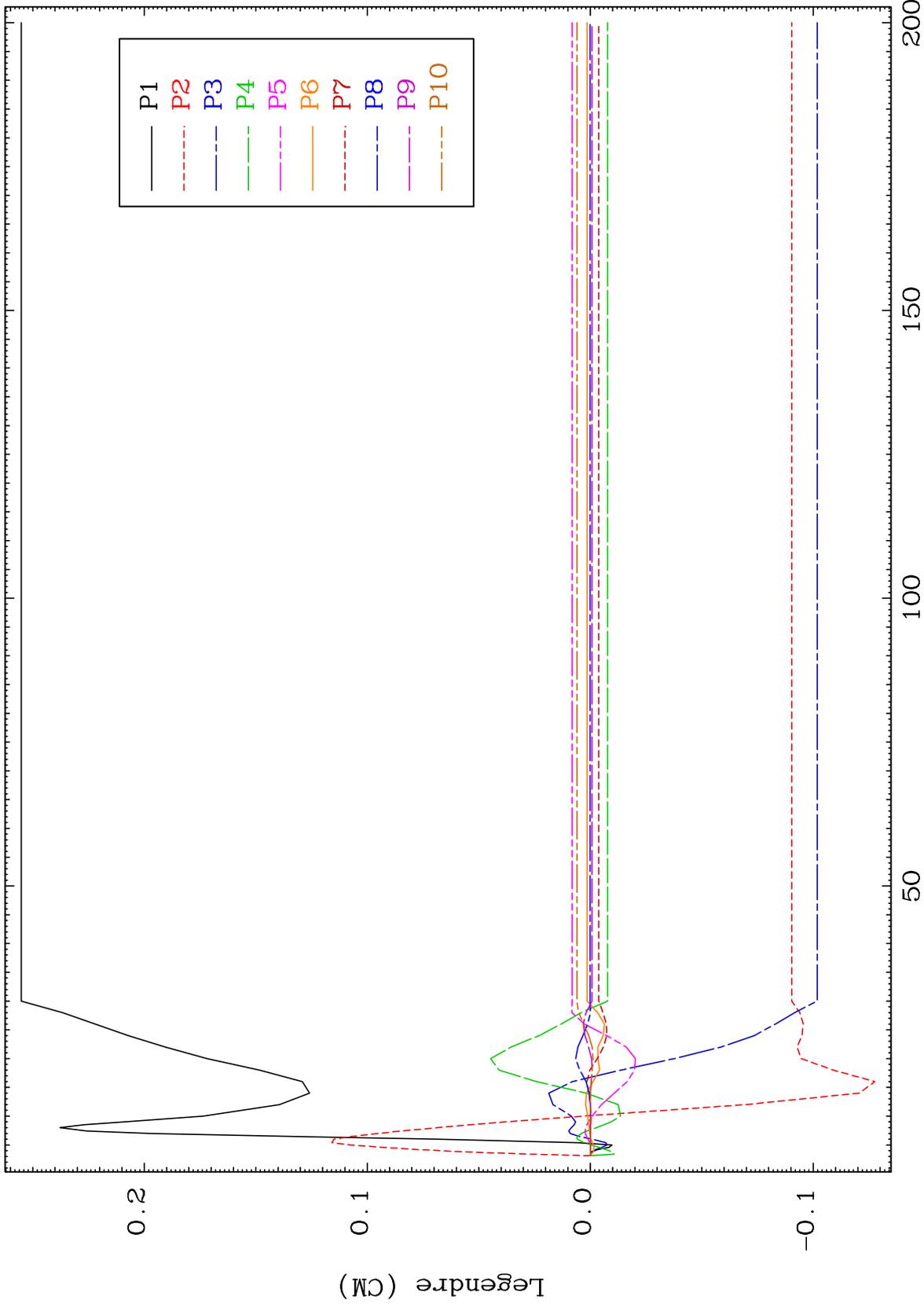
58-Ce-136



MAT 5825

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

58-Ce-136



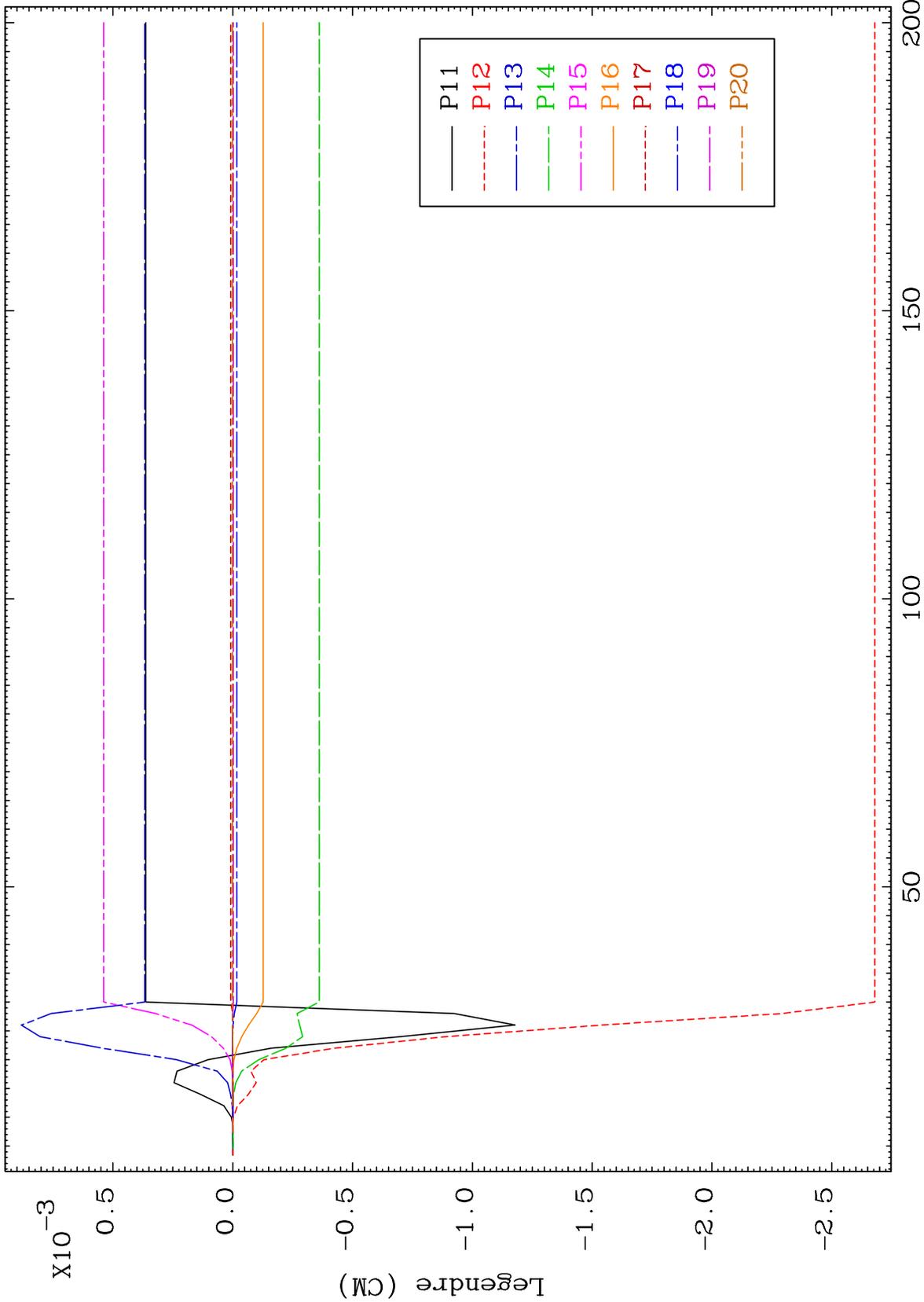
112

58-Ce-136

MAT 5825

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

58-Ce-136



113

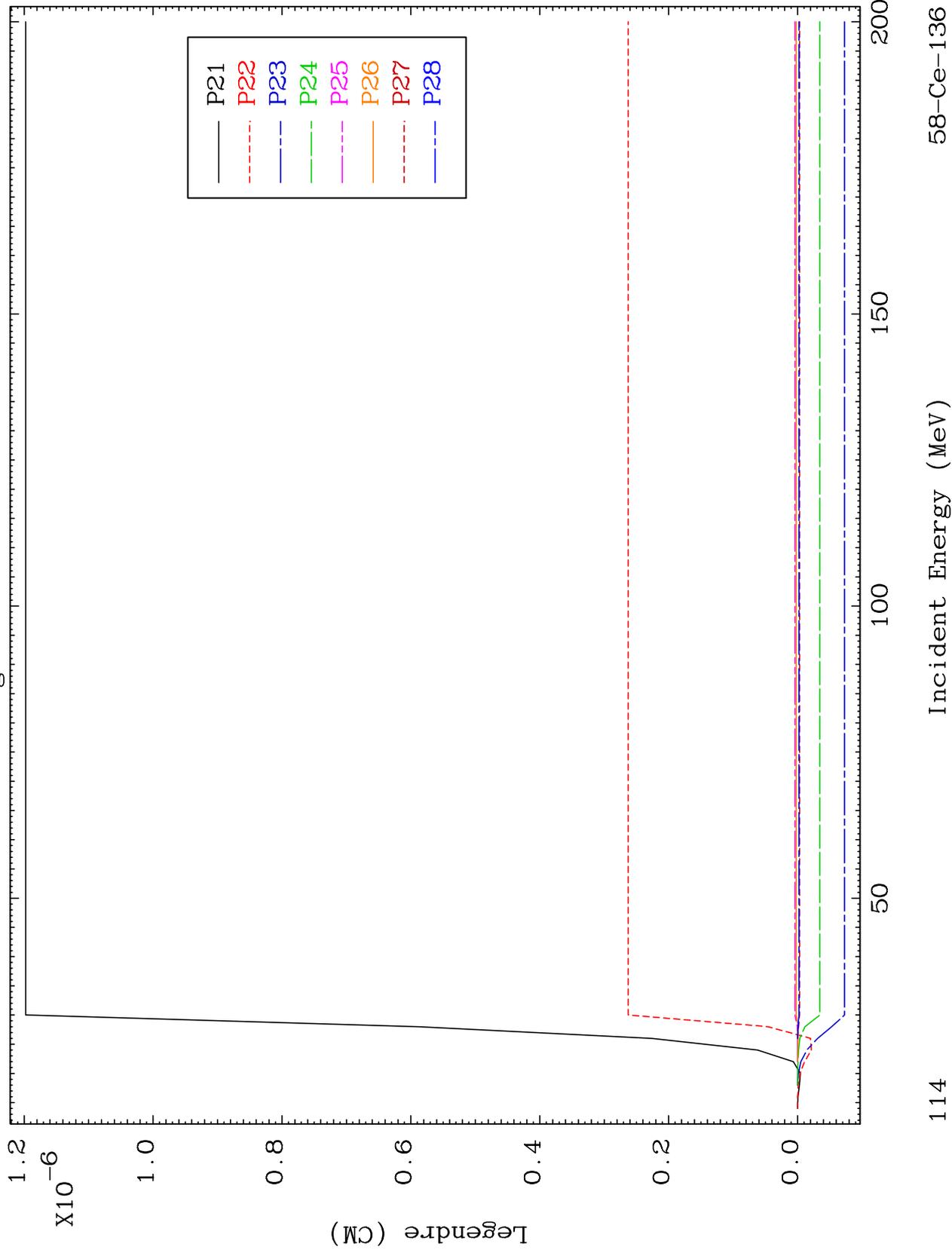
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



114

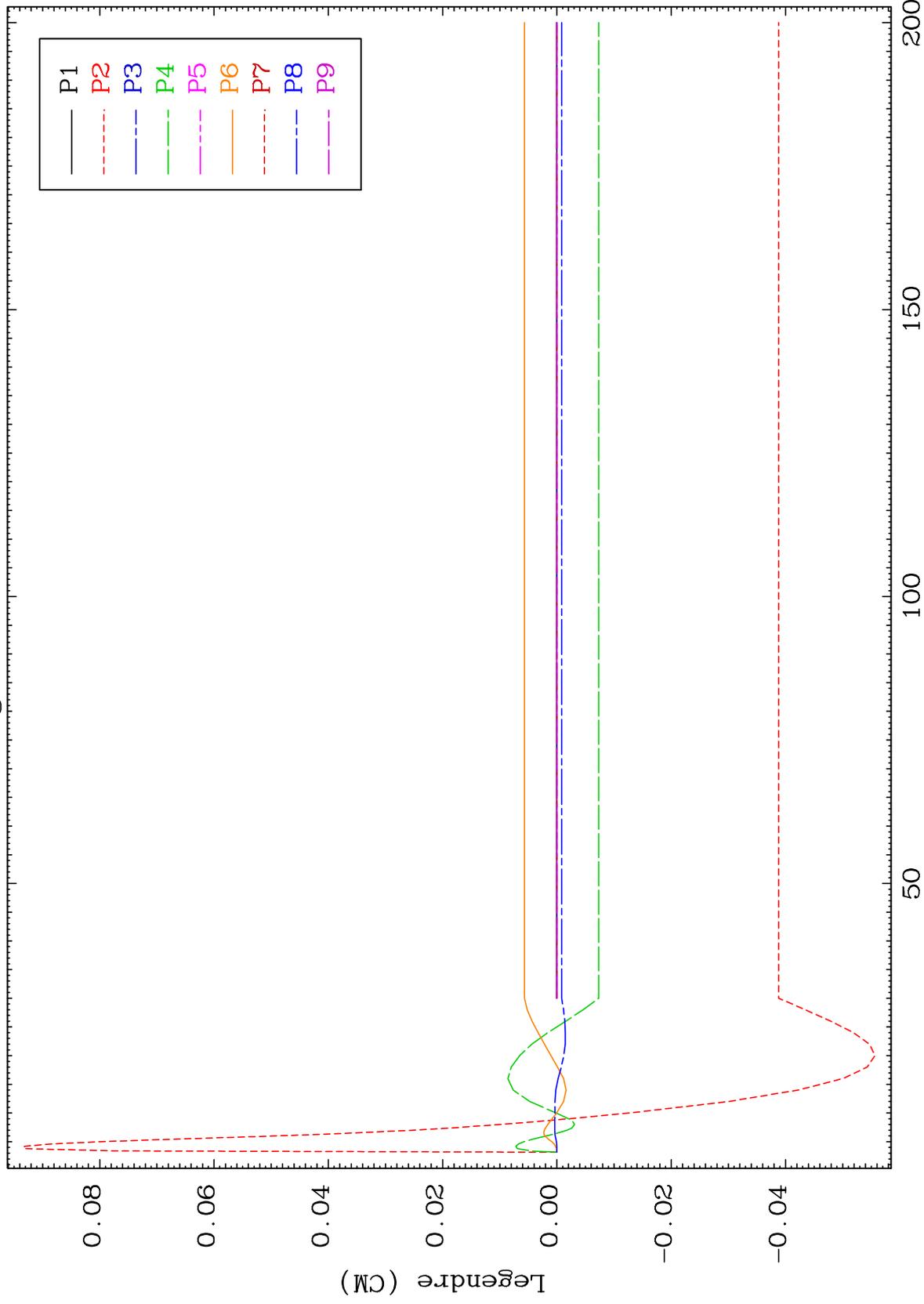
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



58-Ce-136

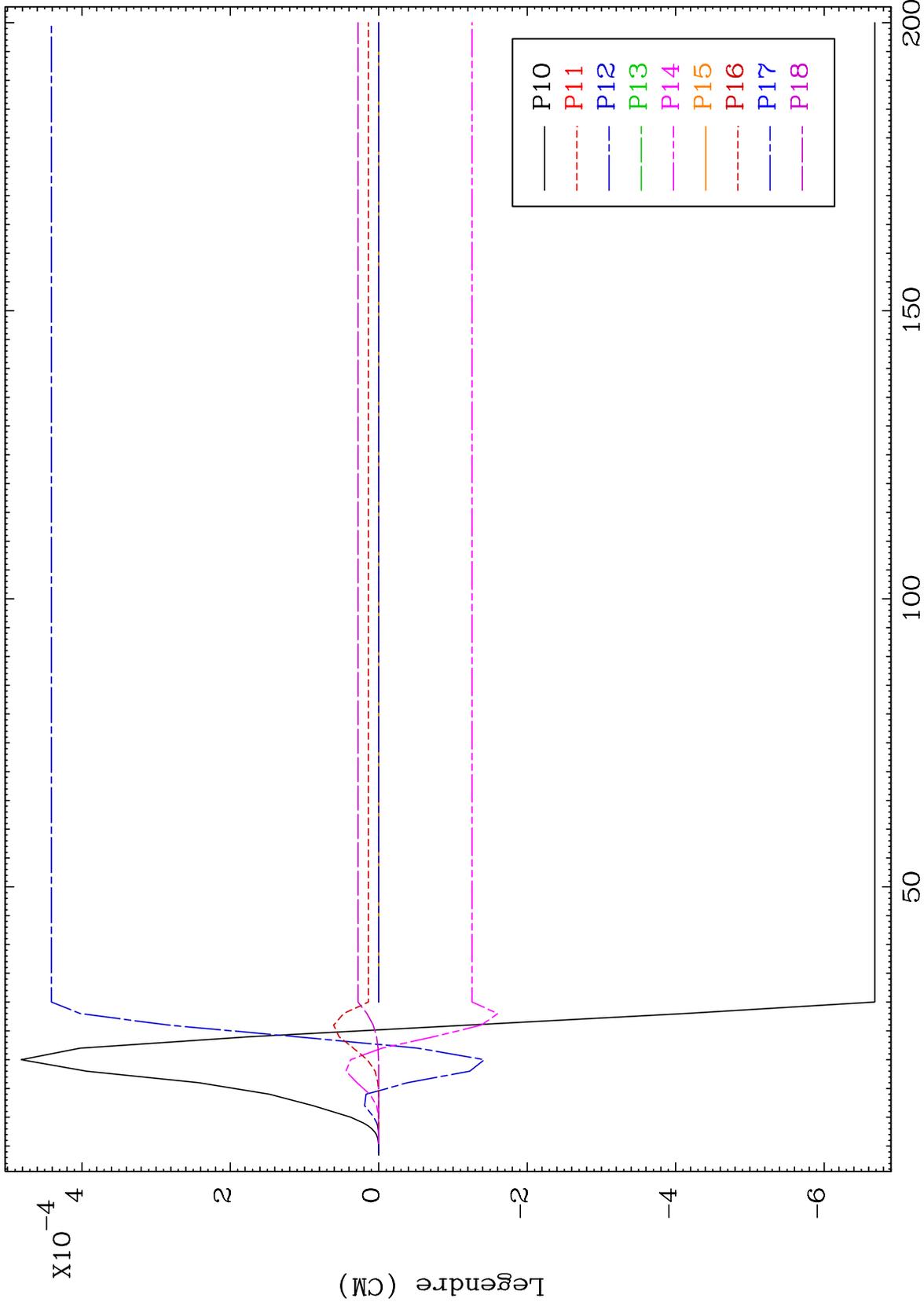
Incident Energy (MeV)

115

MAT 5825

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

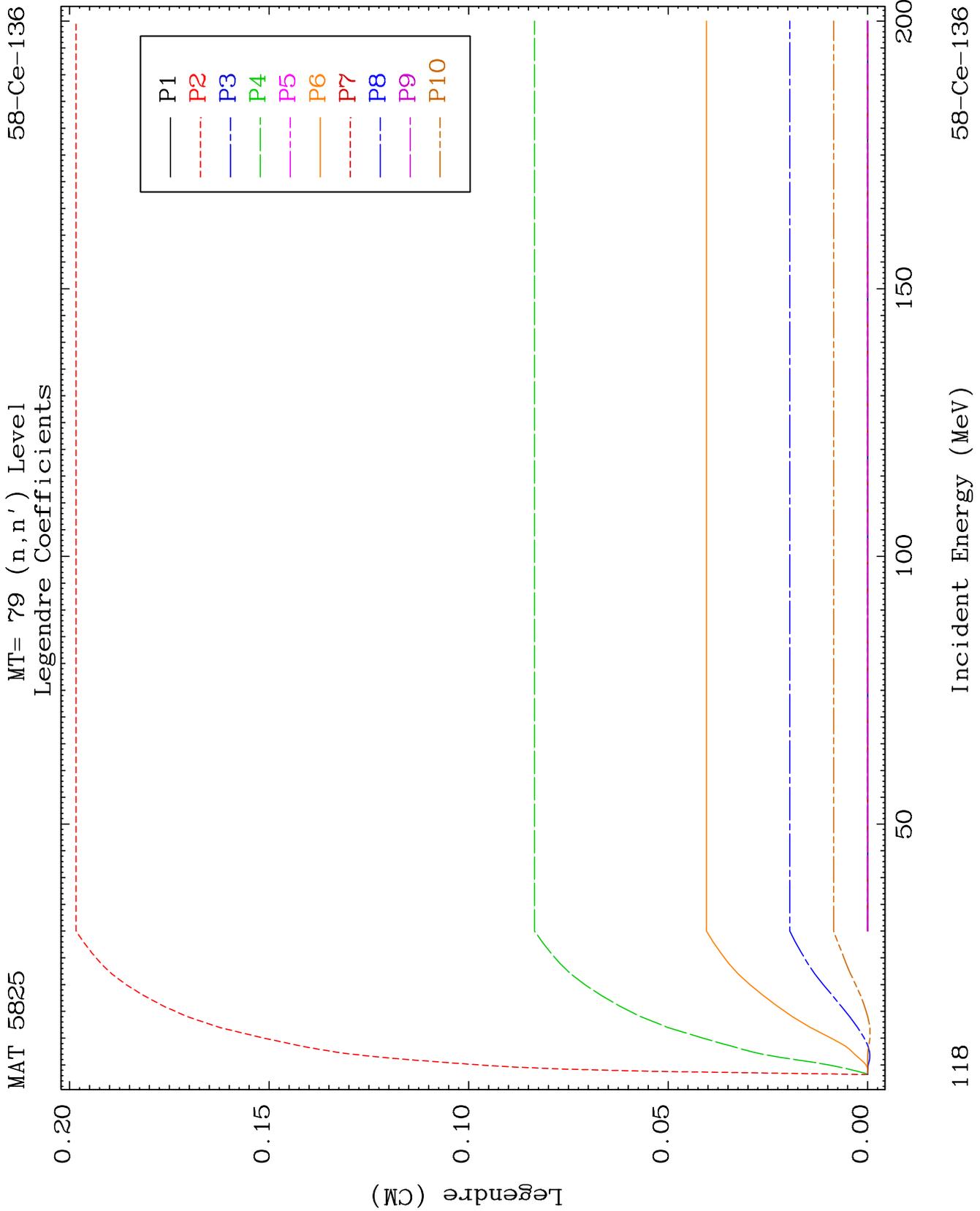
58-Ce-136



116

Incident Energy (MeV)

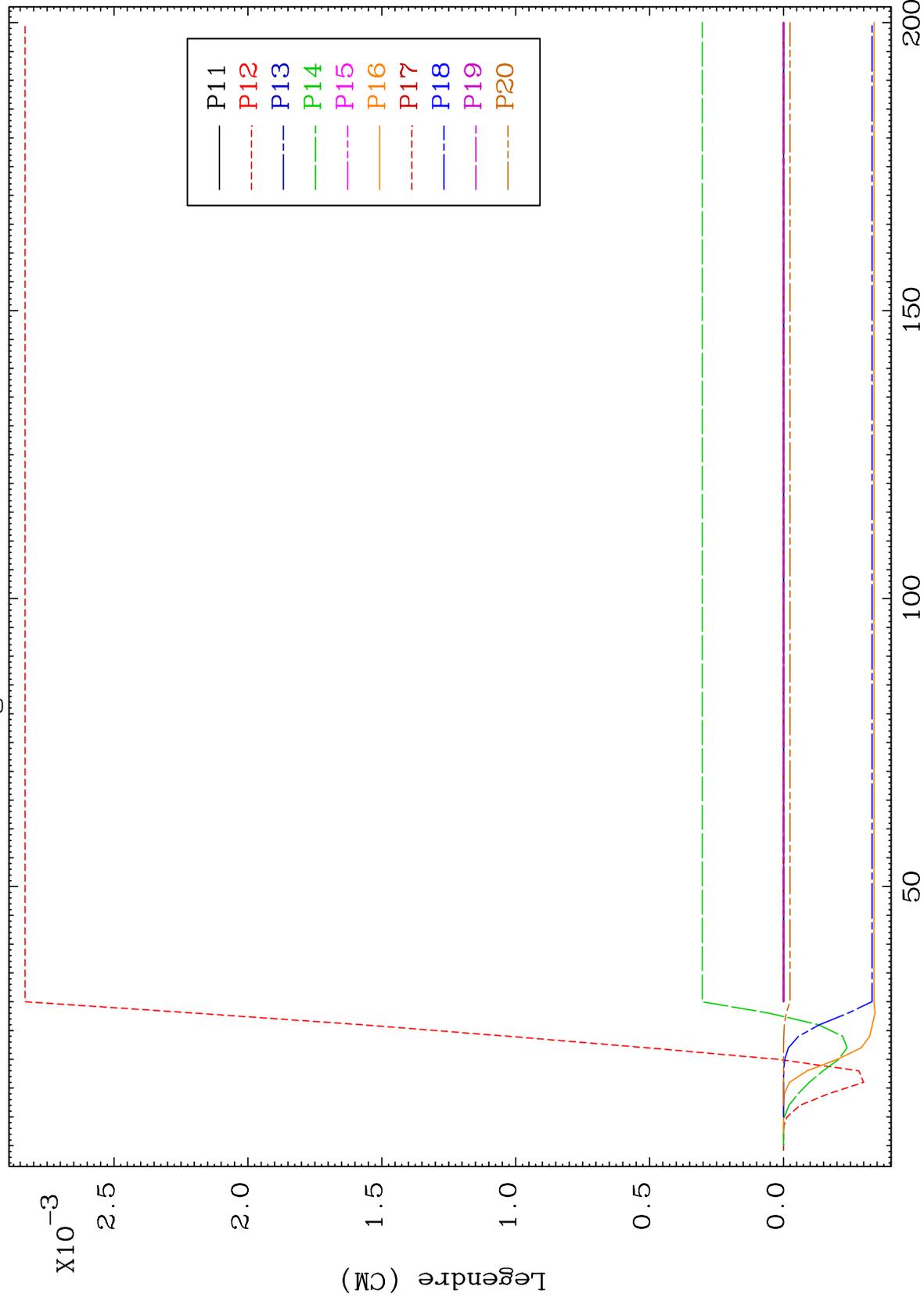
58-Ce-136



MAT 5825

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

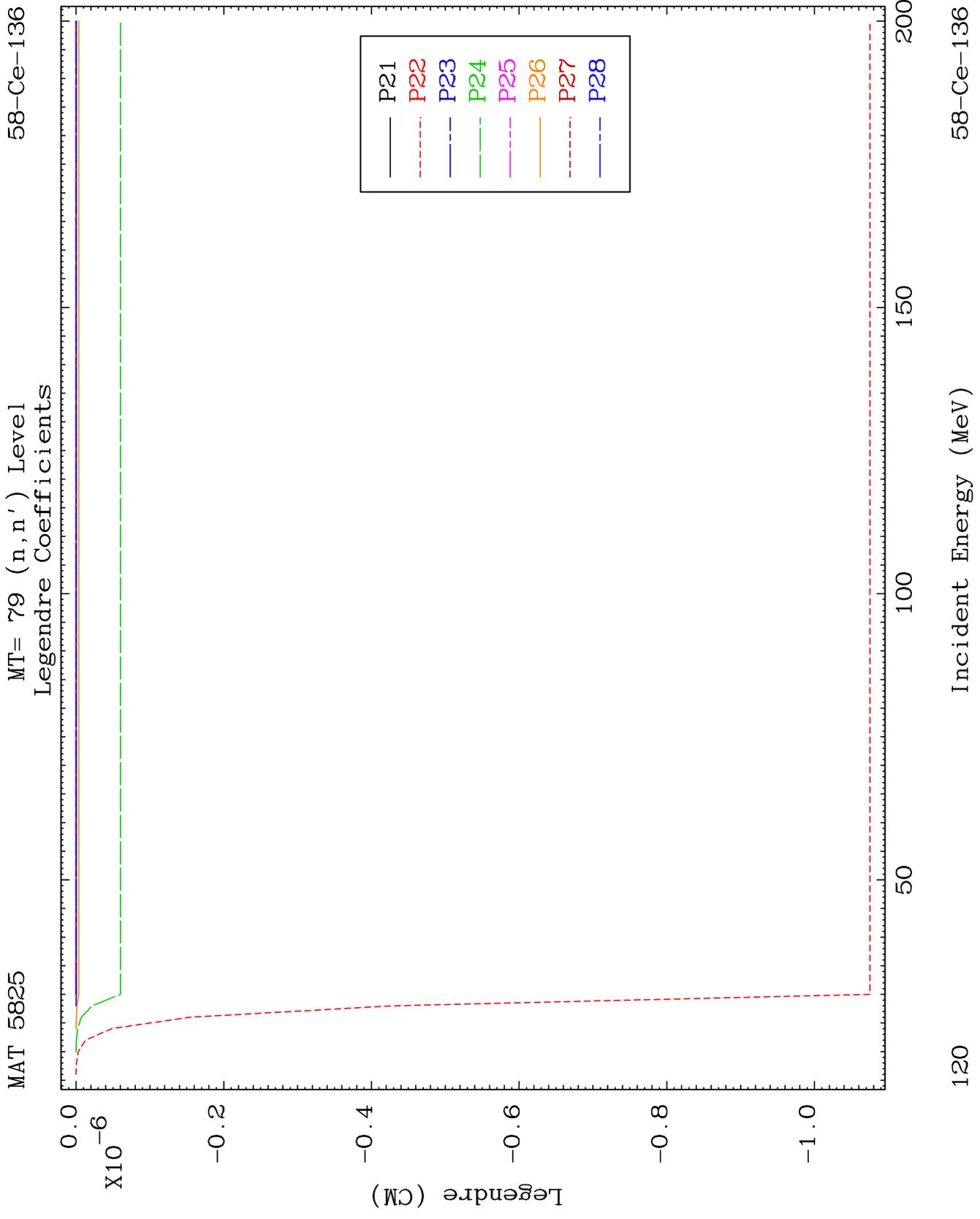
58-Ce-136



119

Incident Energy (MeV)

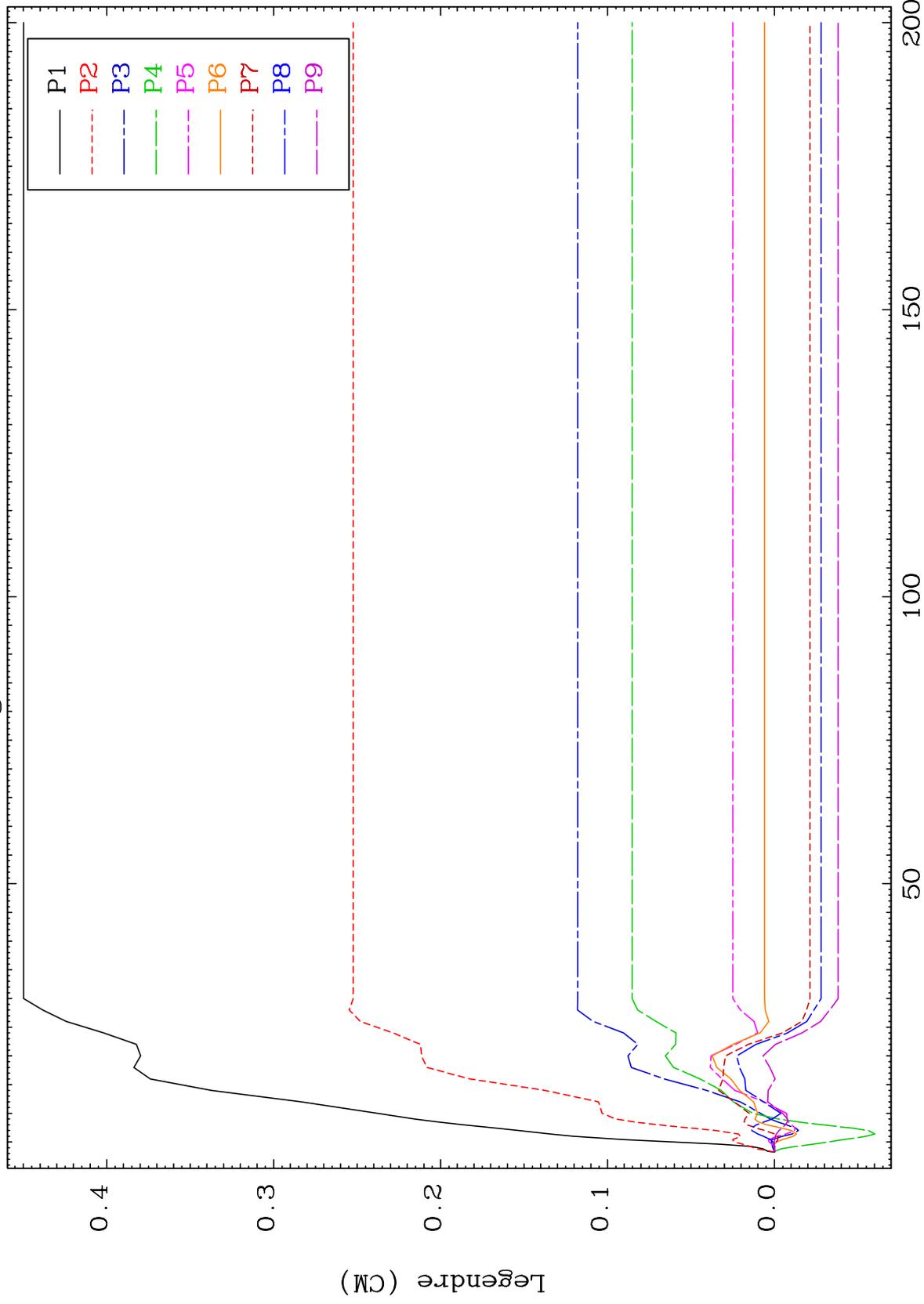
58-Ce-136



MAT 5825

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

58-Ce-136



121

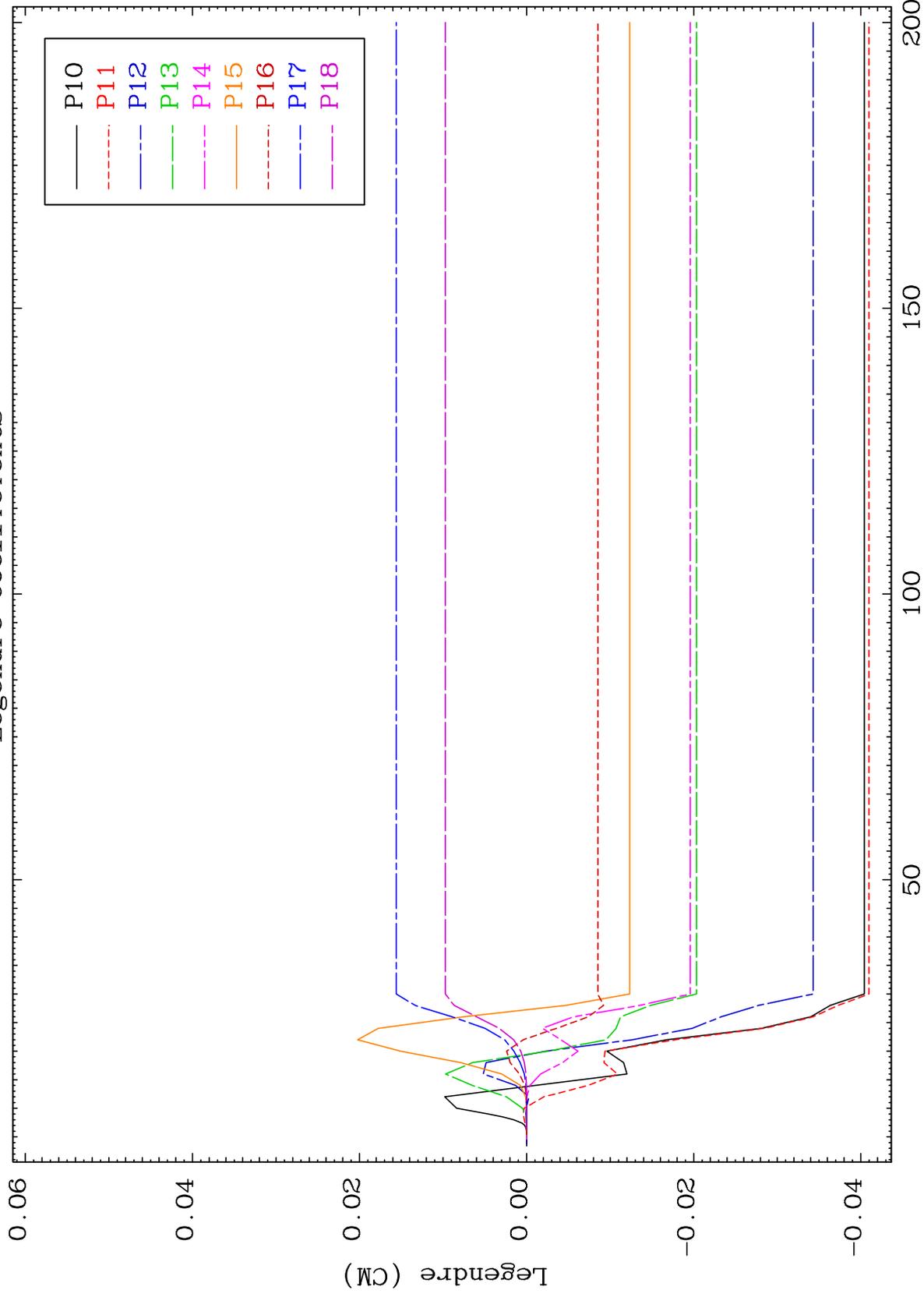
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



122

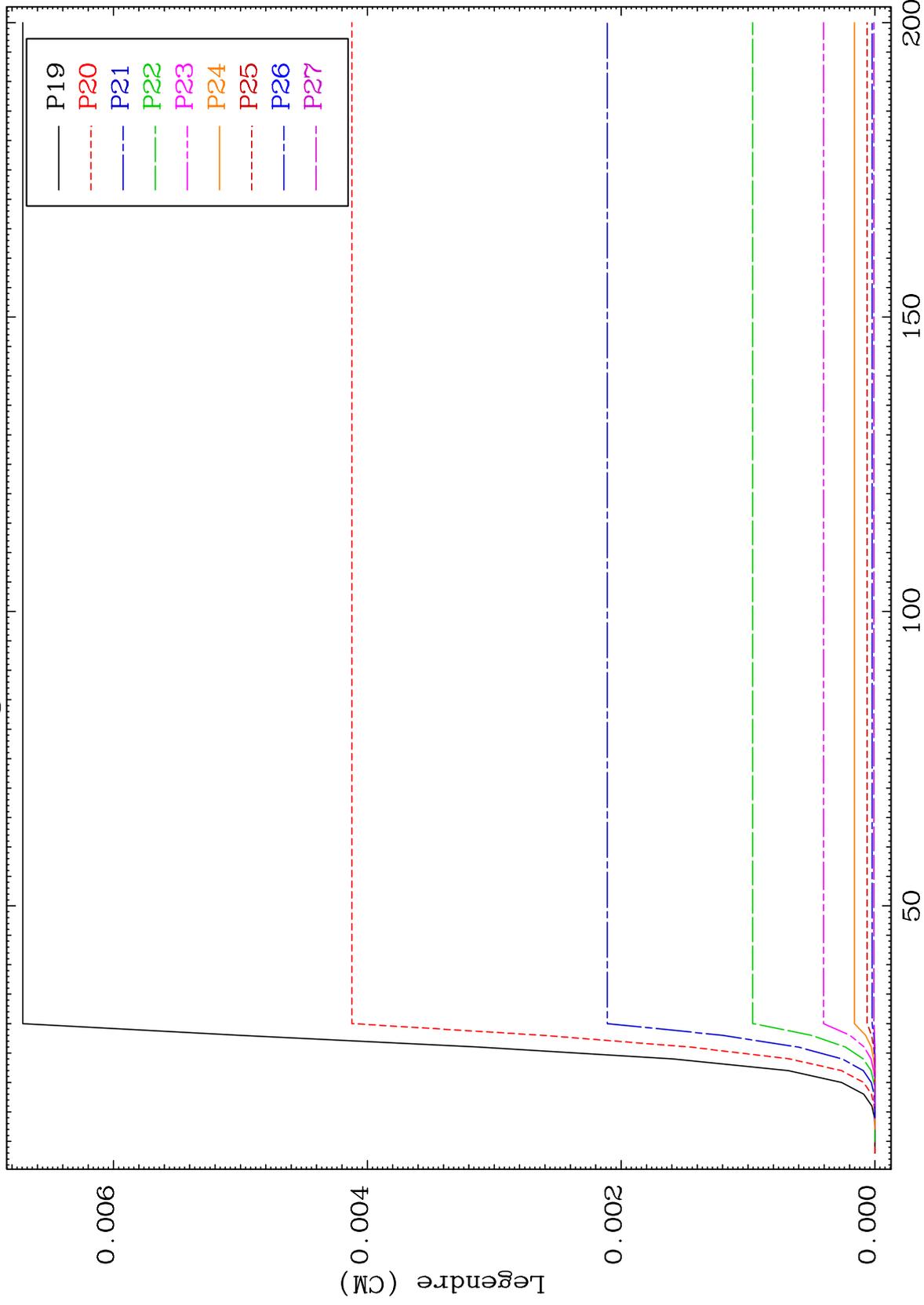
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



123

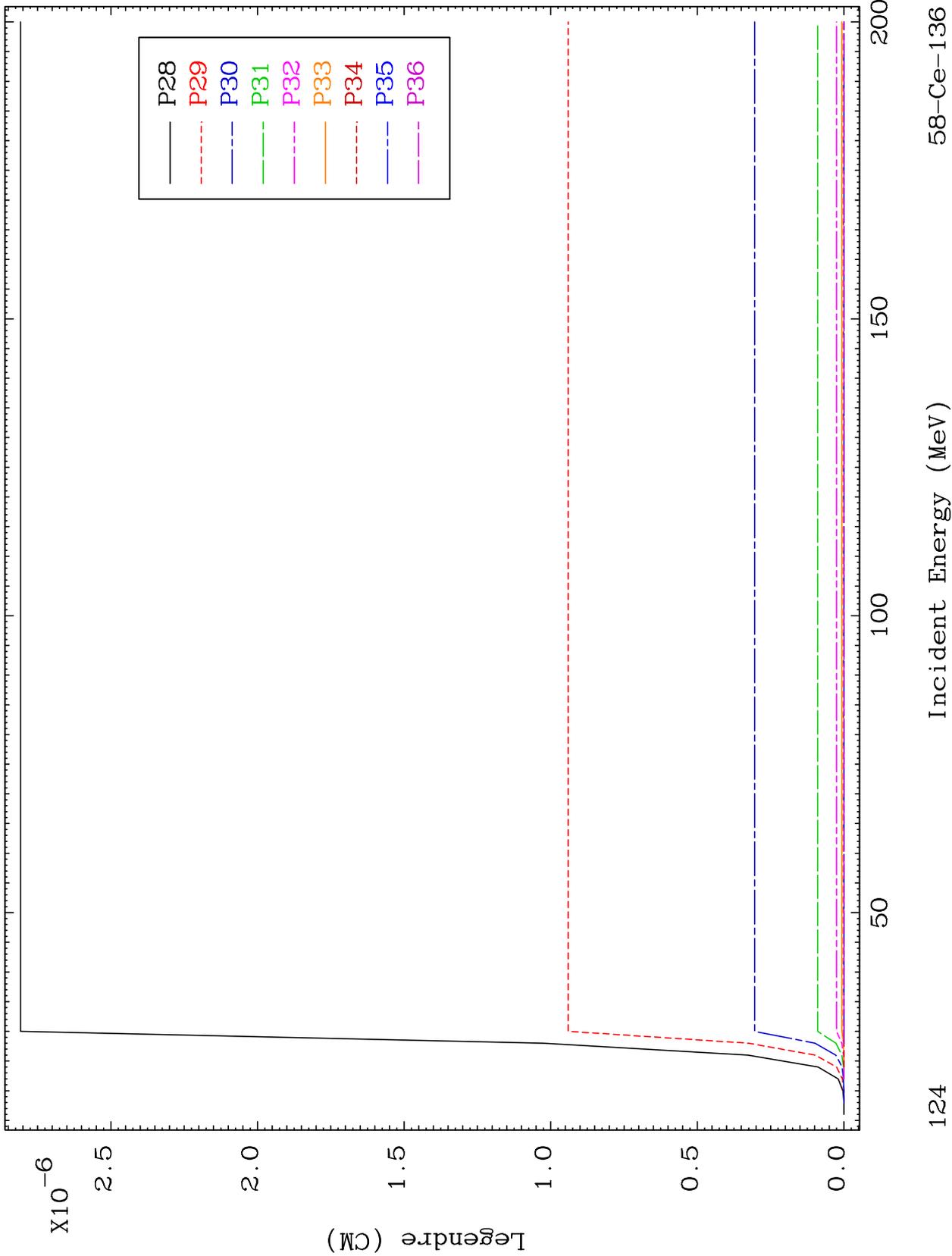
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

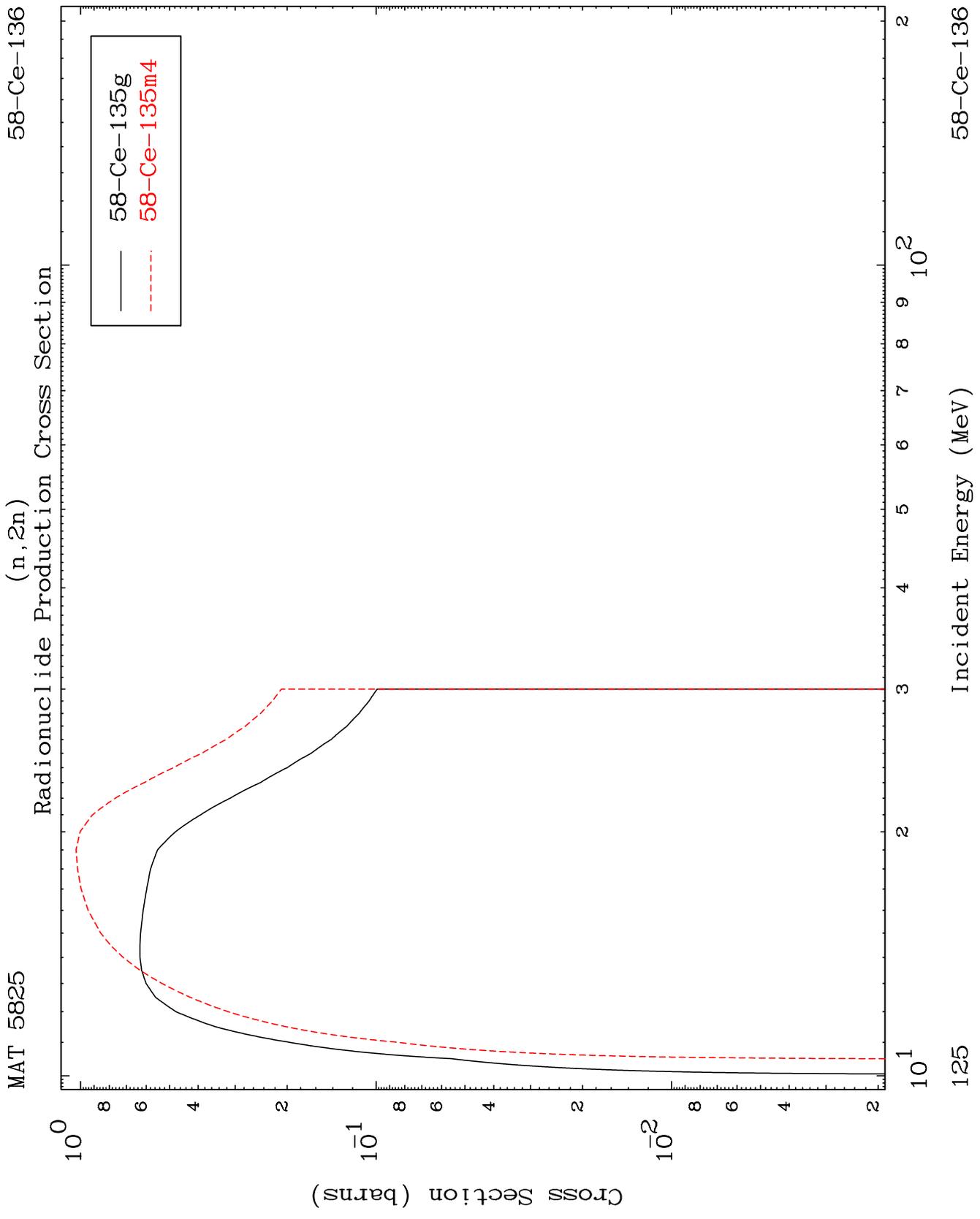
58-Ce-136



124

Incident Energy (MeV)

58-Ce-136

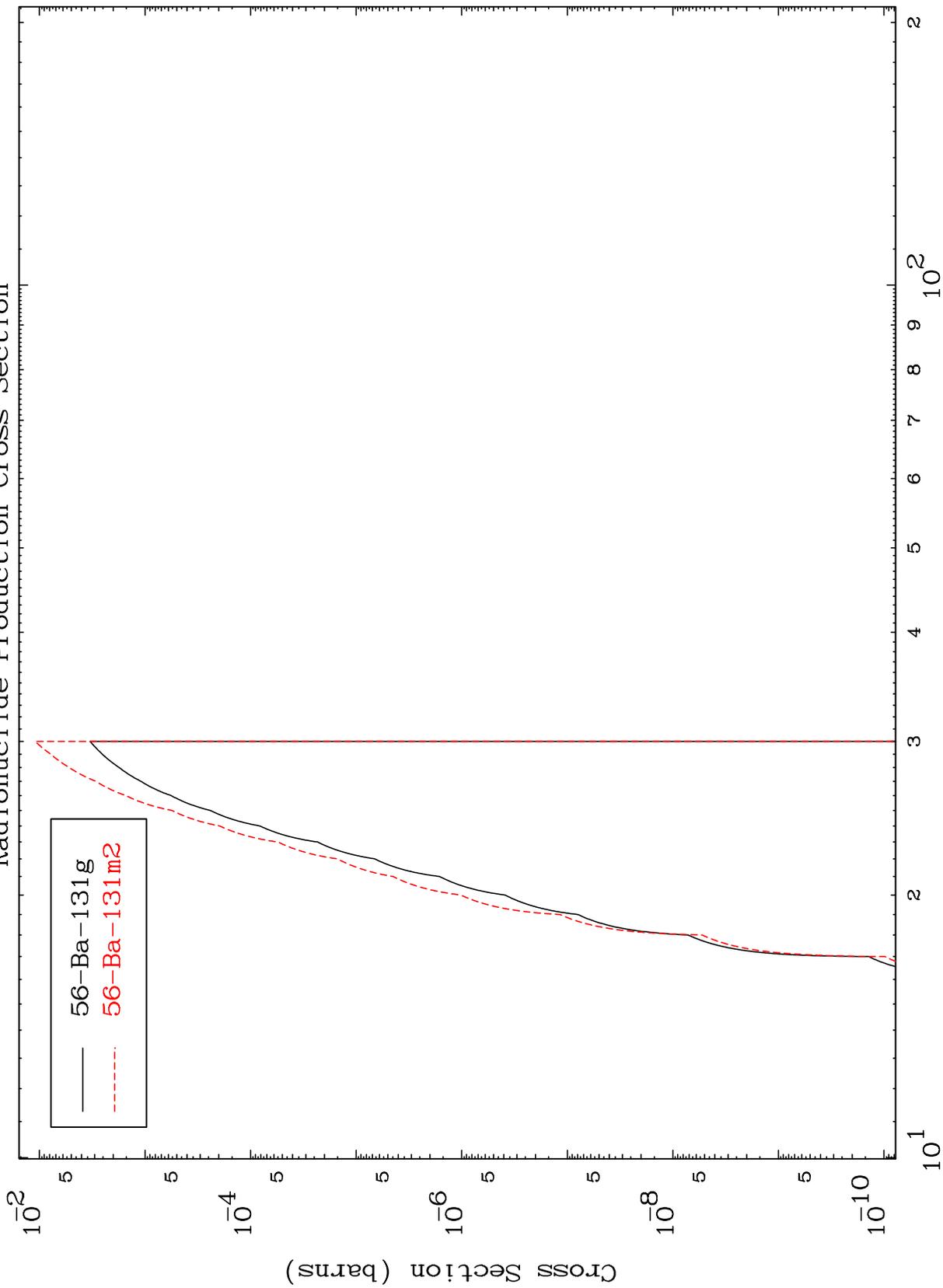


MAT 5825

(n,2n) α

58-Ce-136

Radionuclide Production Cross Section



126

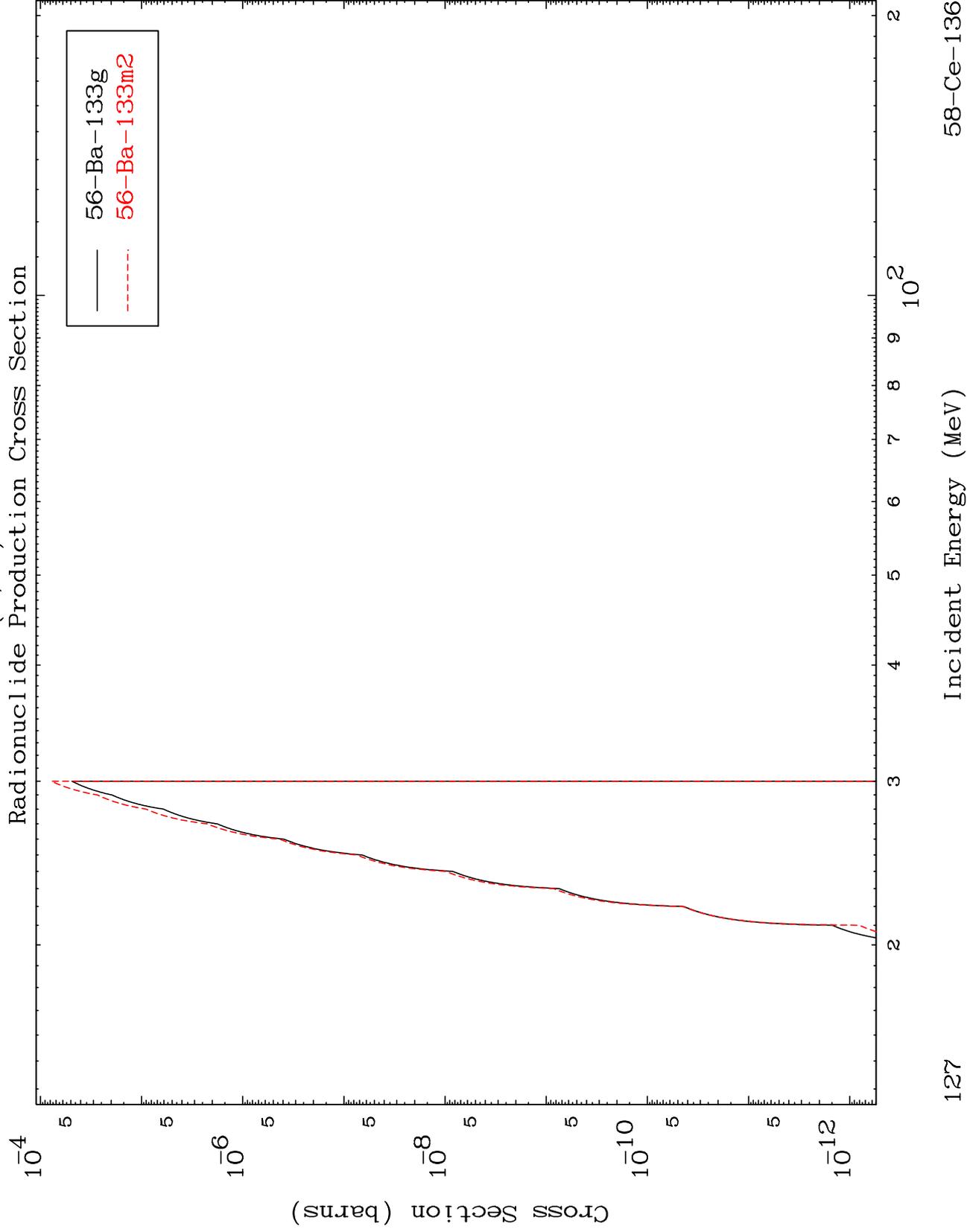
Incident Energy (MeV)

58-Ce-136

MAT 5825

(n,n') He-3

58-Ce-136



127

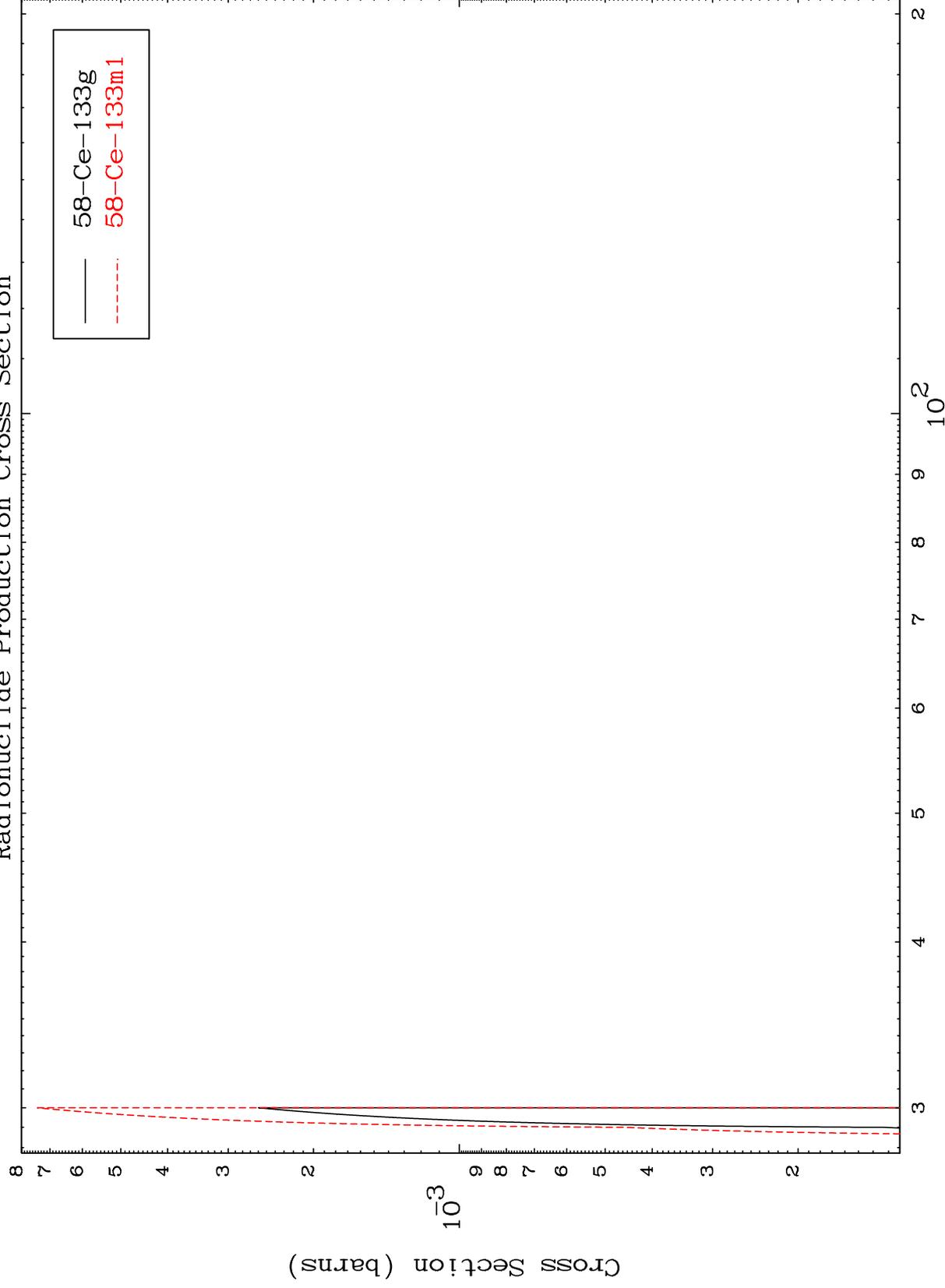
58-Ce-136

MAT 5825

(n,4n)

58-Ce-136

Radionuclide Production Cross Section



128

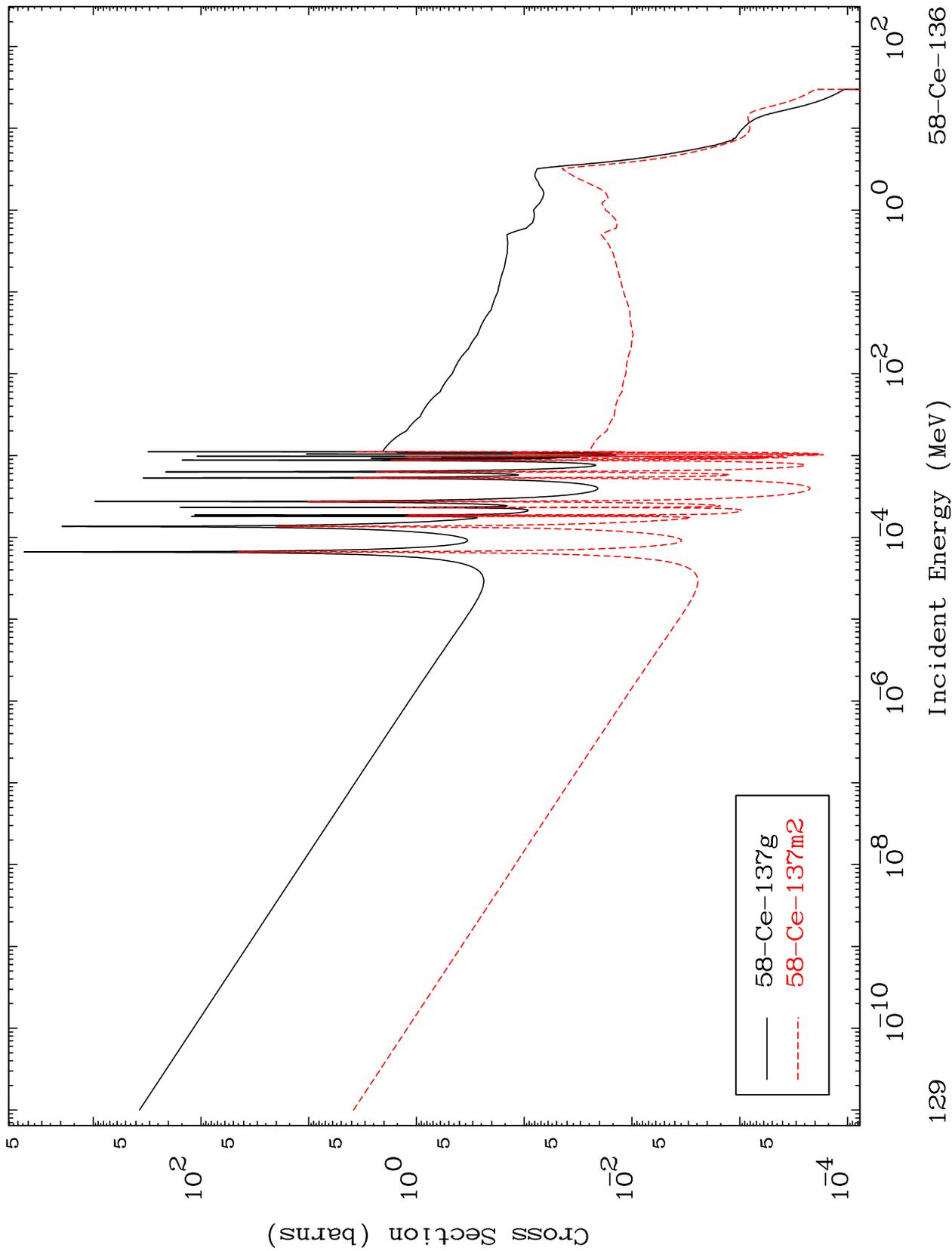
Incident Energy (MeV)

58-Ce-136

MAT 5825

58-Ce-136

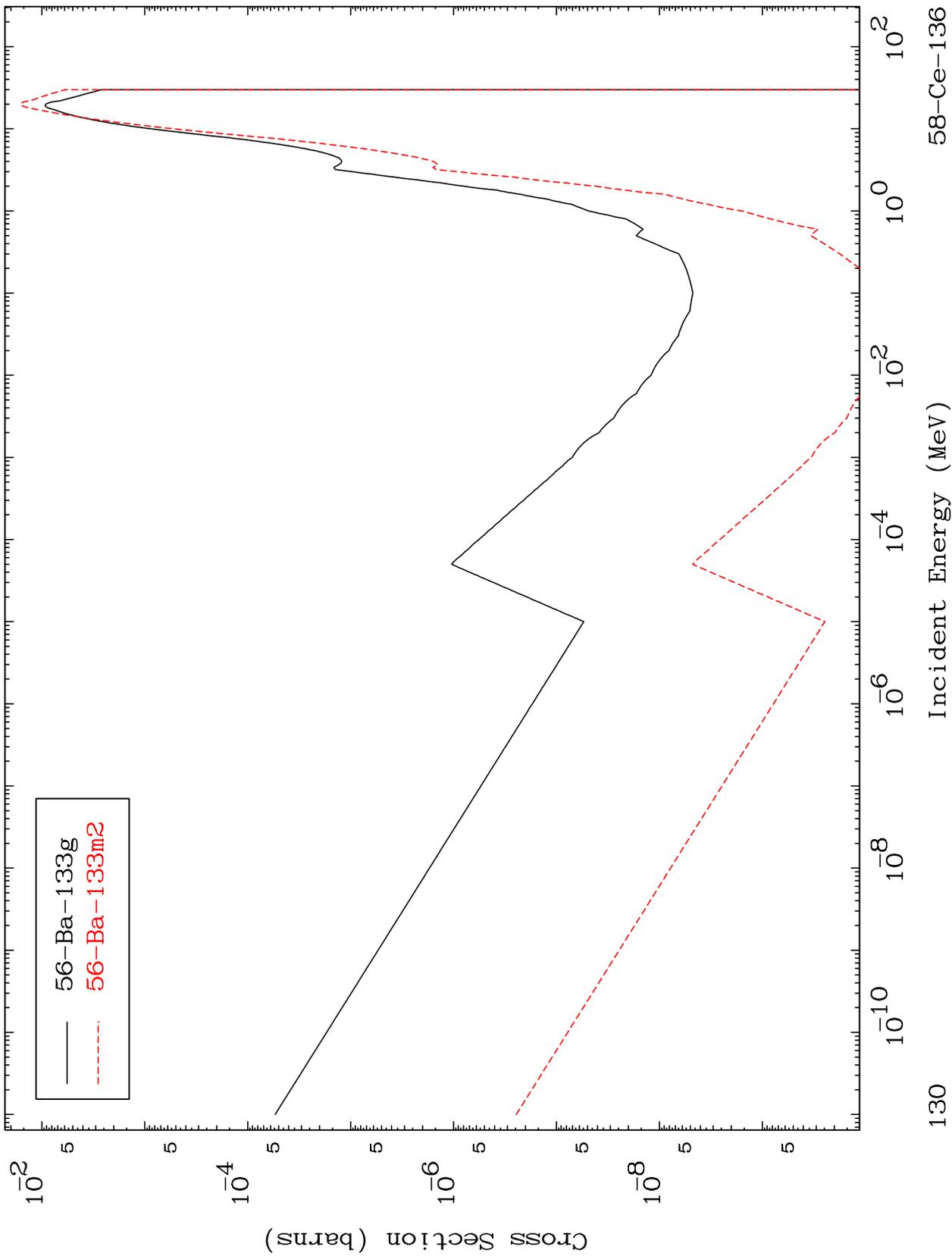
(n, γ)
Radionuclide Production Cross Section



MAT 5825

58-Ce-136

Radionuclide Production Cross Section
(n, α)



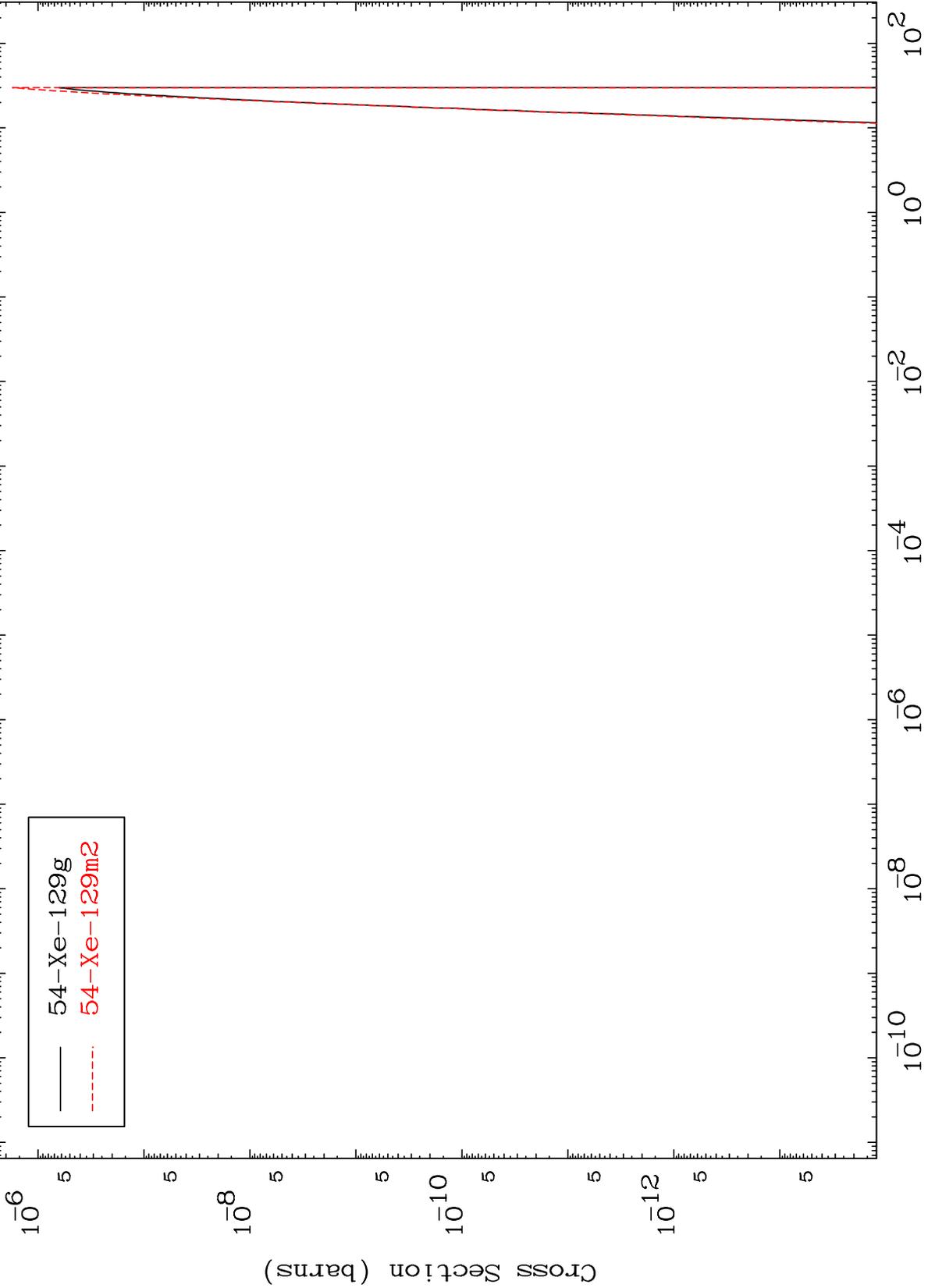
130

MAT 5825

(n,2α)

58-Ce-136

Radionuclide Production Cross Section

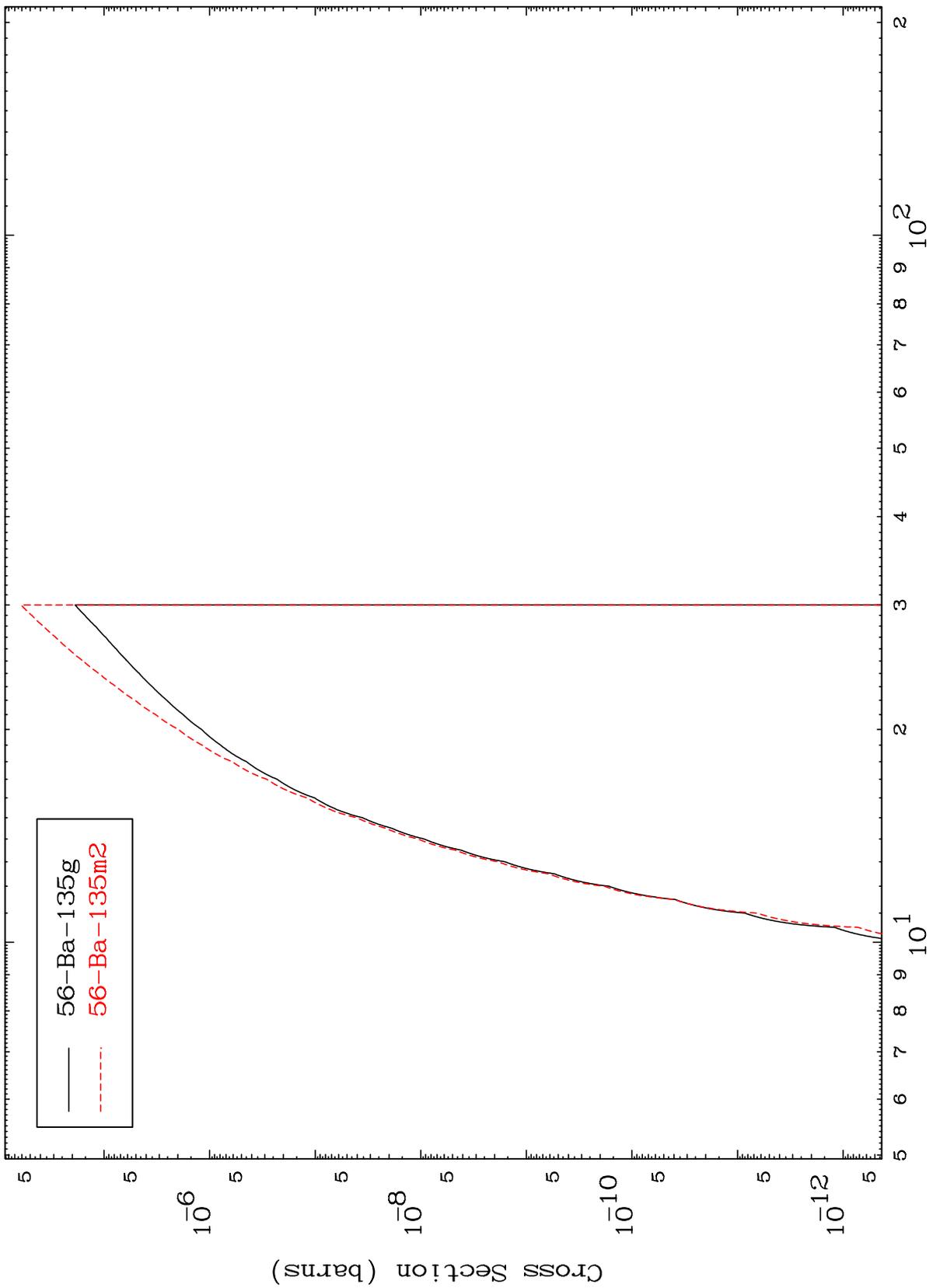


54-Xe-129g
54-Xe-129m2

MAT 5825

58-Ce-136

(n,2p)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

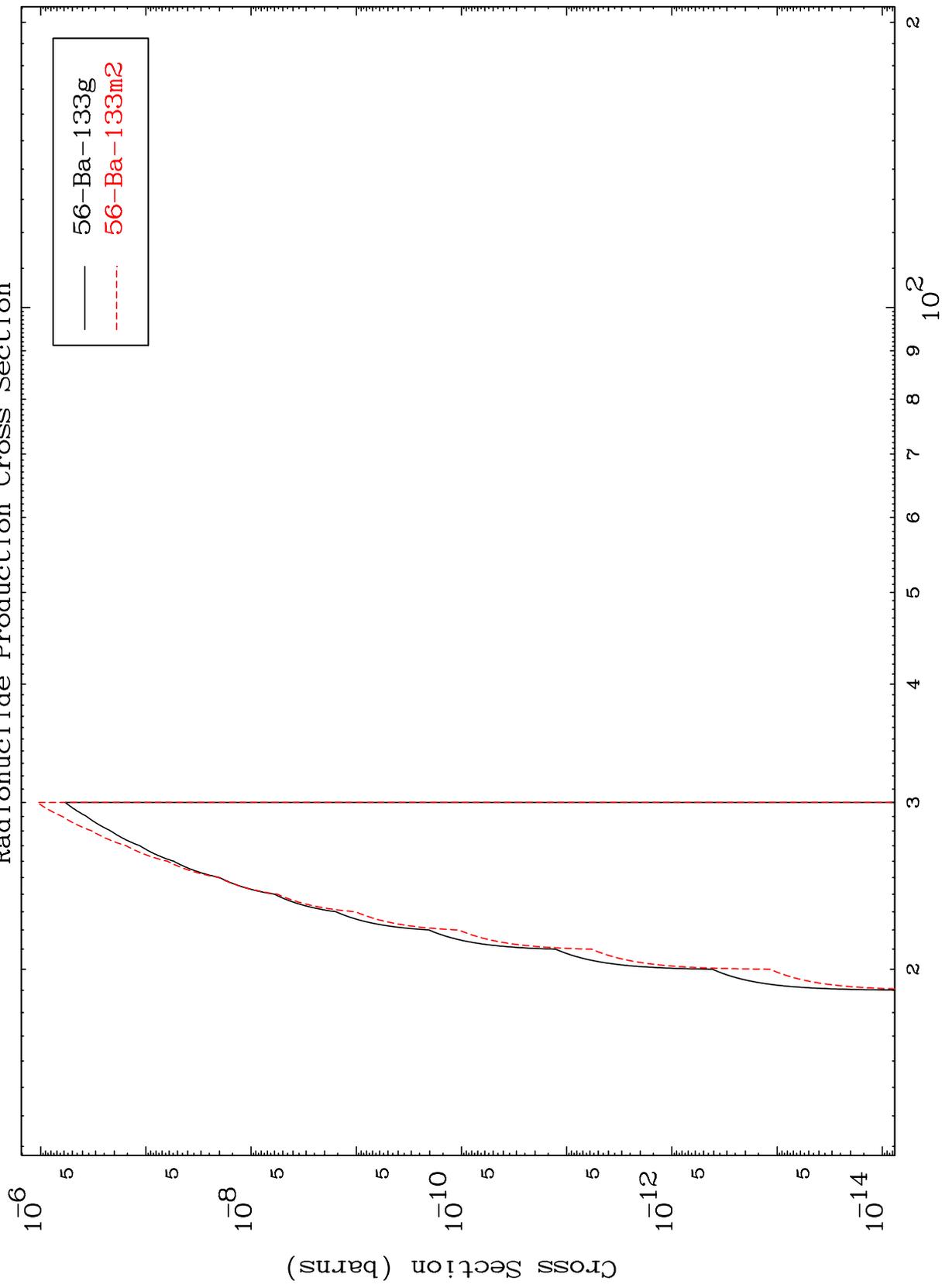
58-Ce-136

MAT 5825

(n,p) t

58-Ce-136

Radionuclide Production Cross Section



133

Incident Energy (MeV)

58-Ce-136