

Program EVALPLOT
(Version 2018-1)

by

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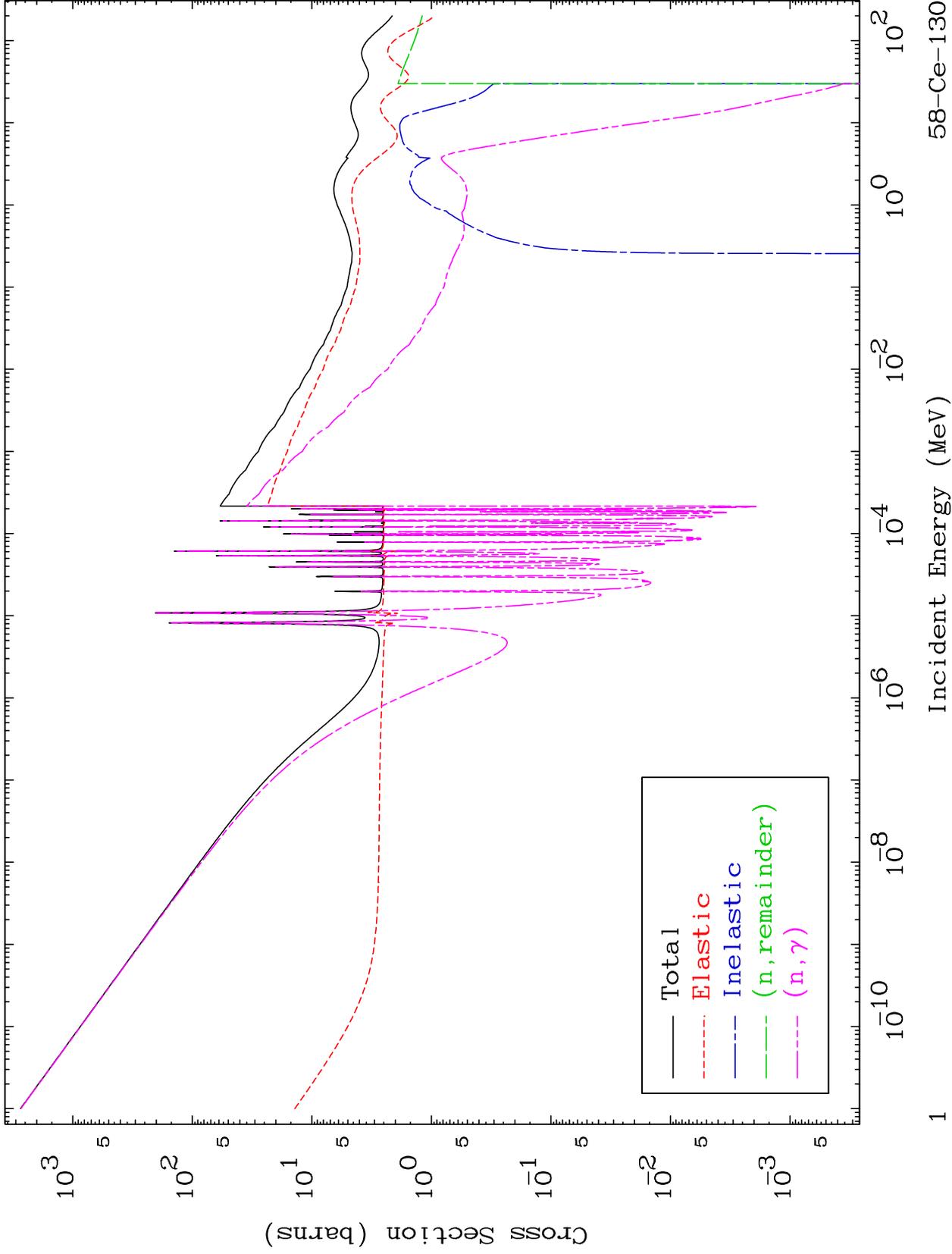
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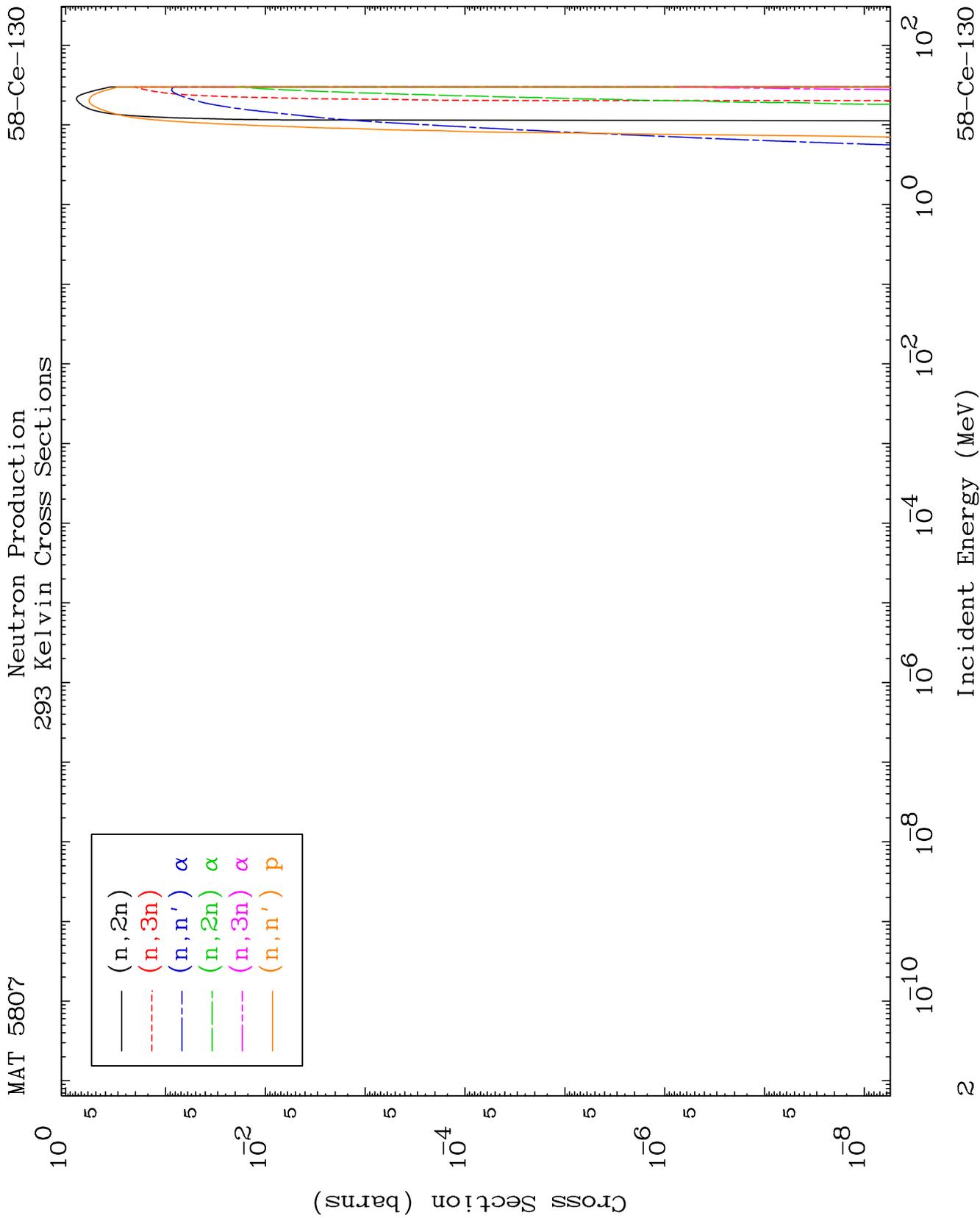
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MAT 5807

Major
293 Kelvin Cross Sections

58-Ce-130

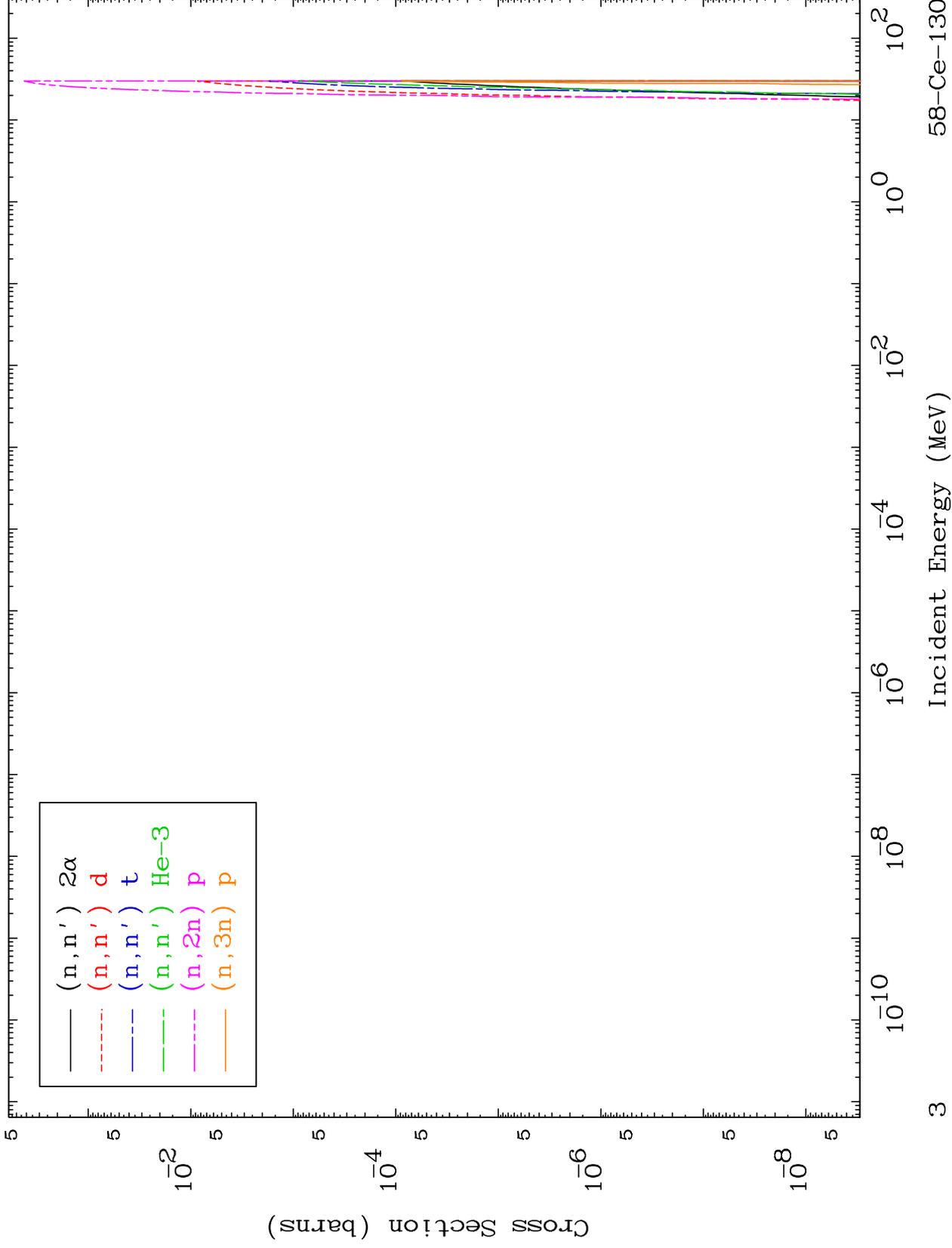




MAT 5807

Neutron Production
293 Kelvin Cross Sections

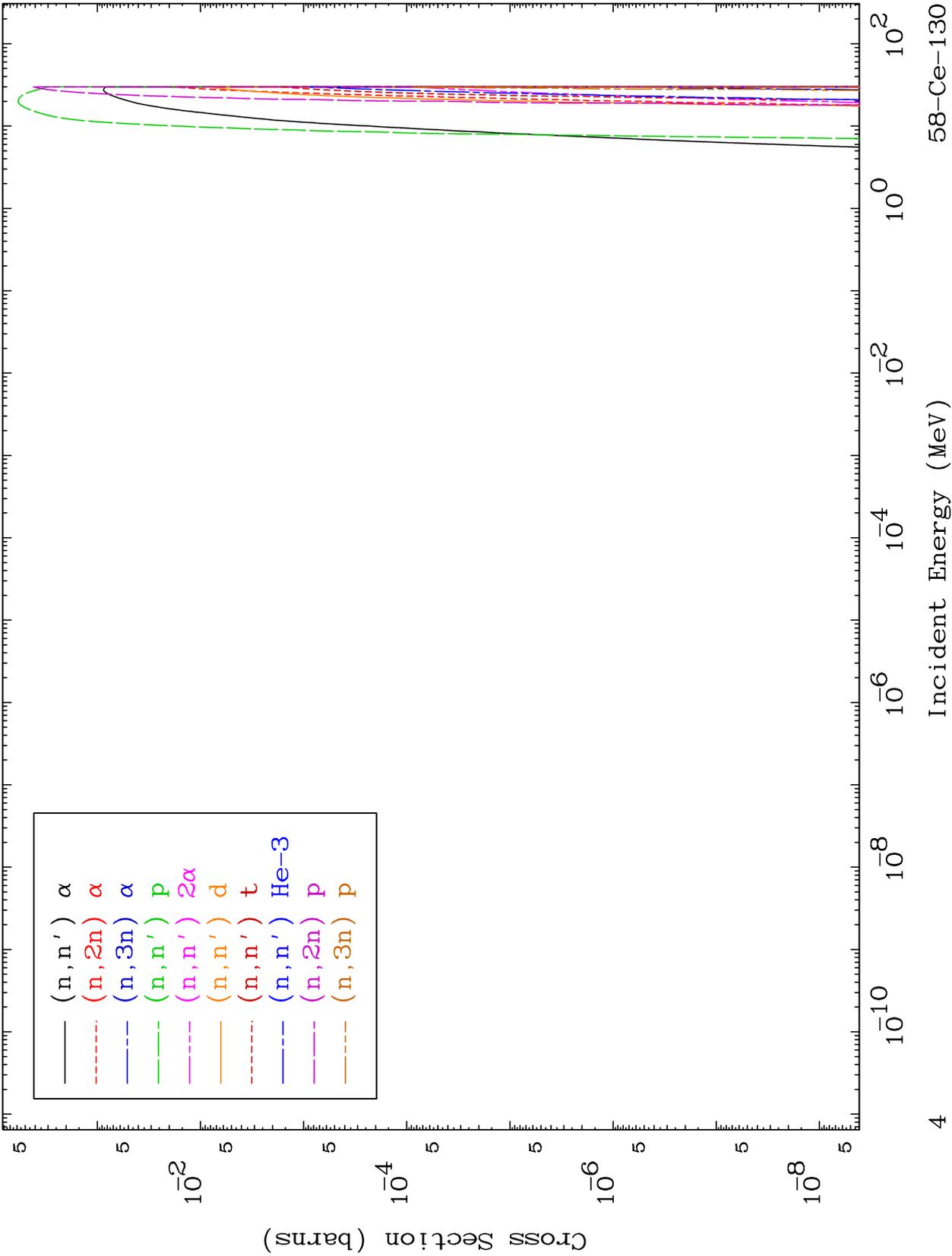
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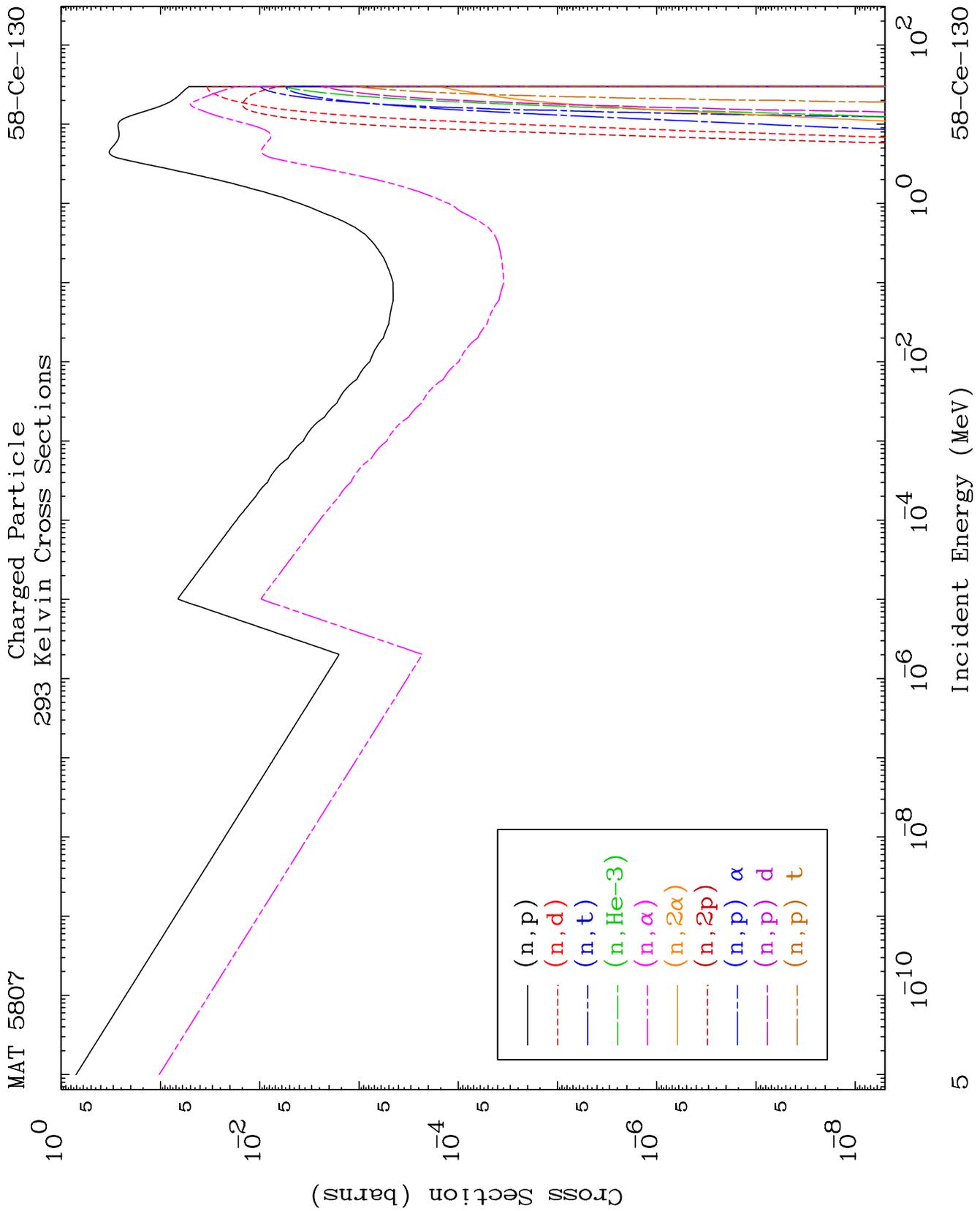


MAT 5807

Charged Particle
293 Kelvin Cross Sections

58-Ce-130

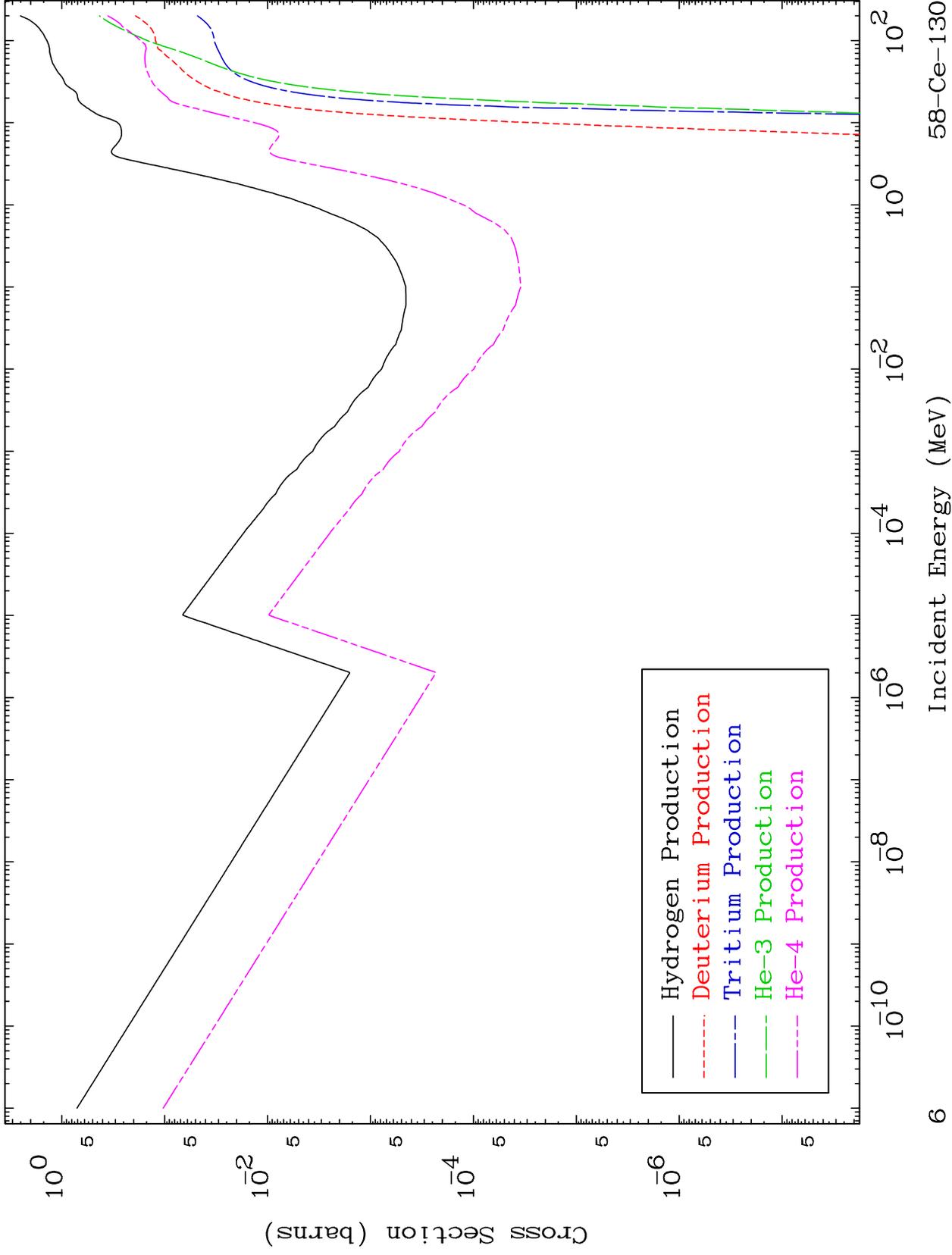




MAT 5807

Particle Production
293 Kelvin Cross Sections

58-Ce-130

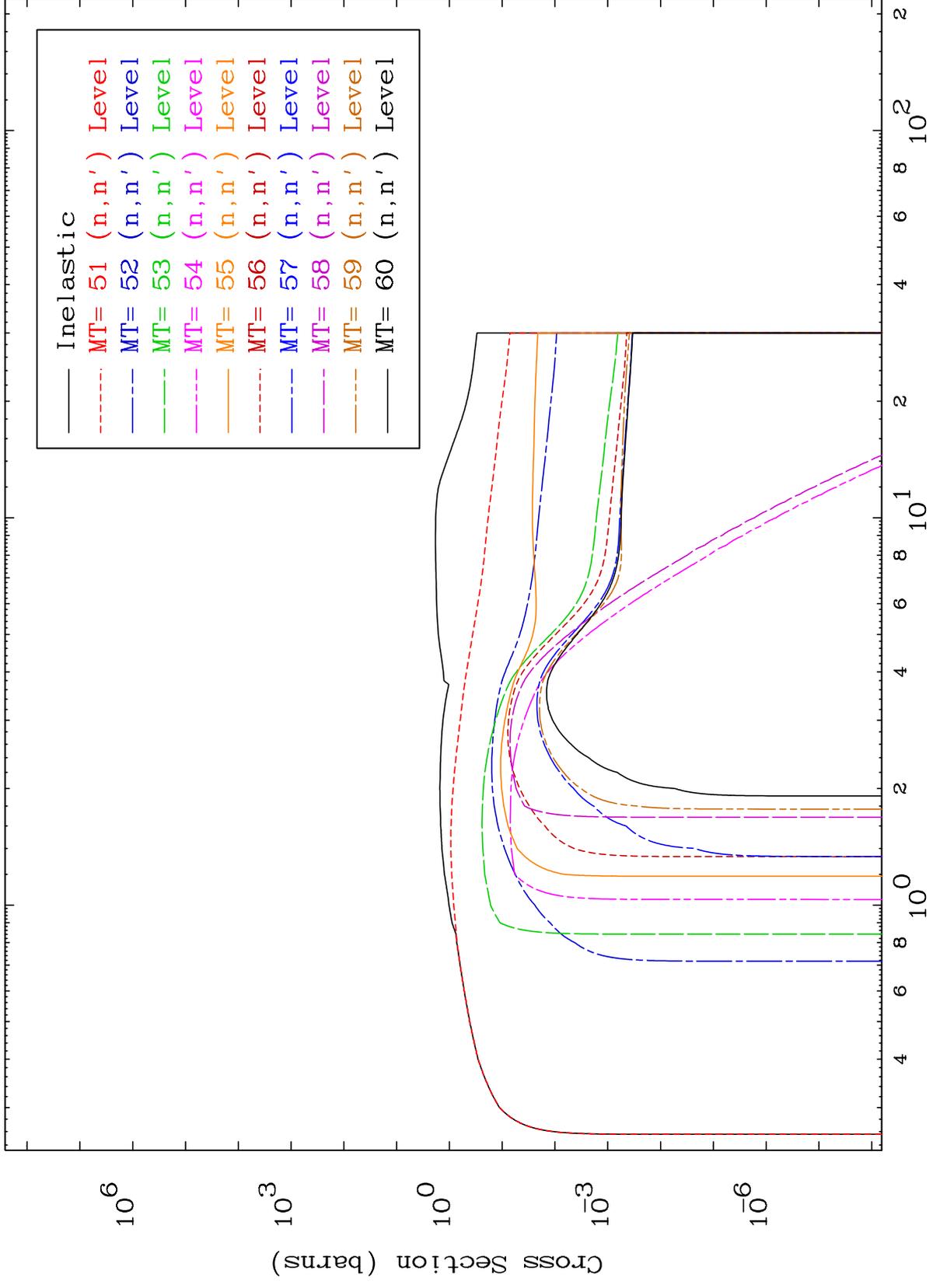


MAT 5807

(n,n') Level

58-Ce-130

293 Kelvin Cross Sections

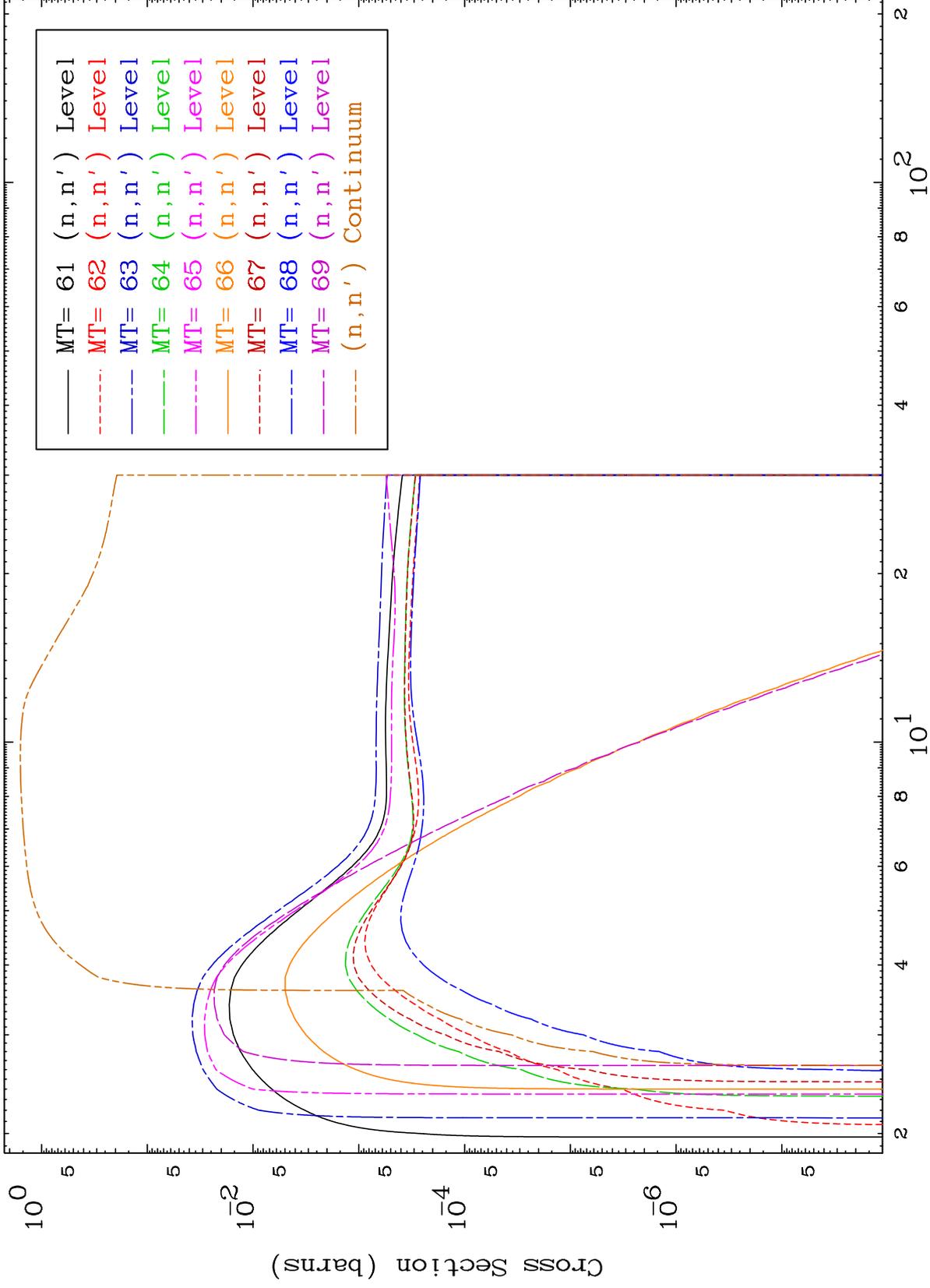


MAT 5807

(n,n') Level

58-Ce-130

293 Kelvin Cross Sections



8

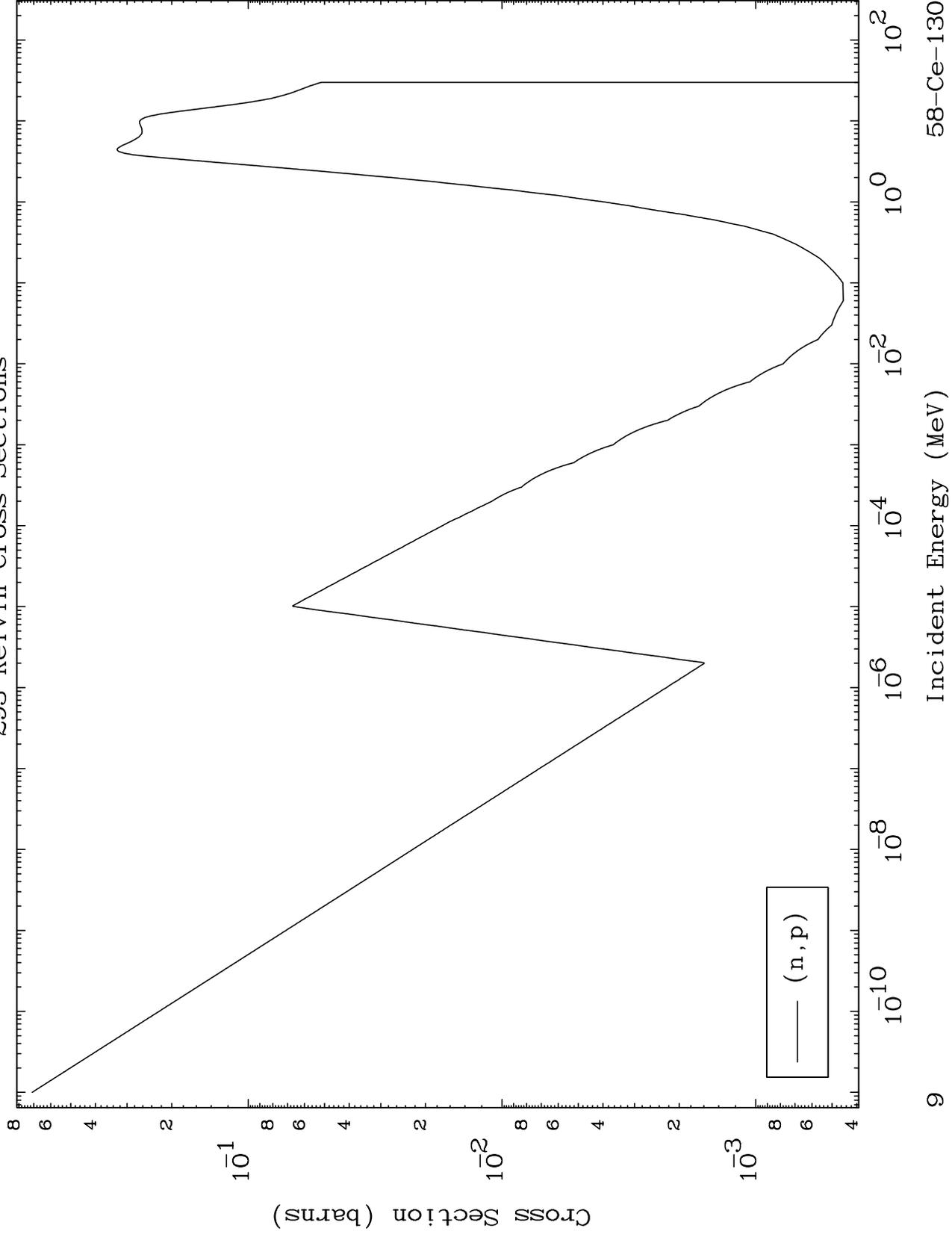
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58-Ce-130

MAT 5807

(n,p) Levels
293 Kelvin Cross Sections

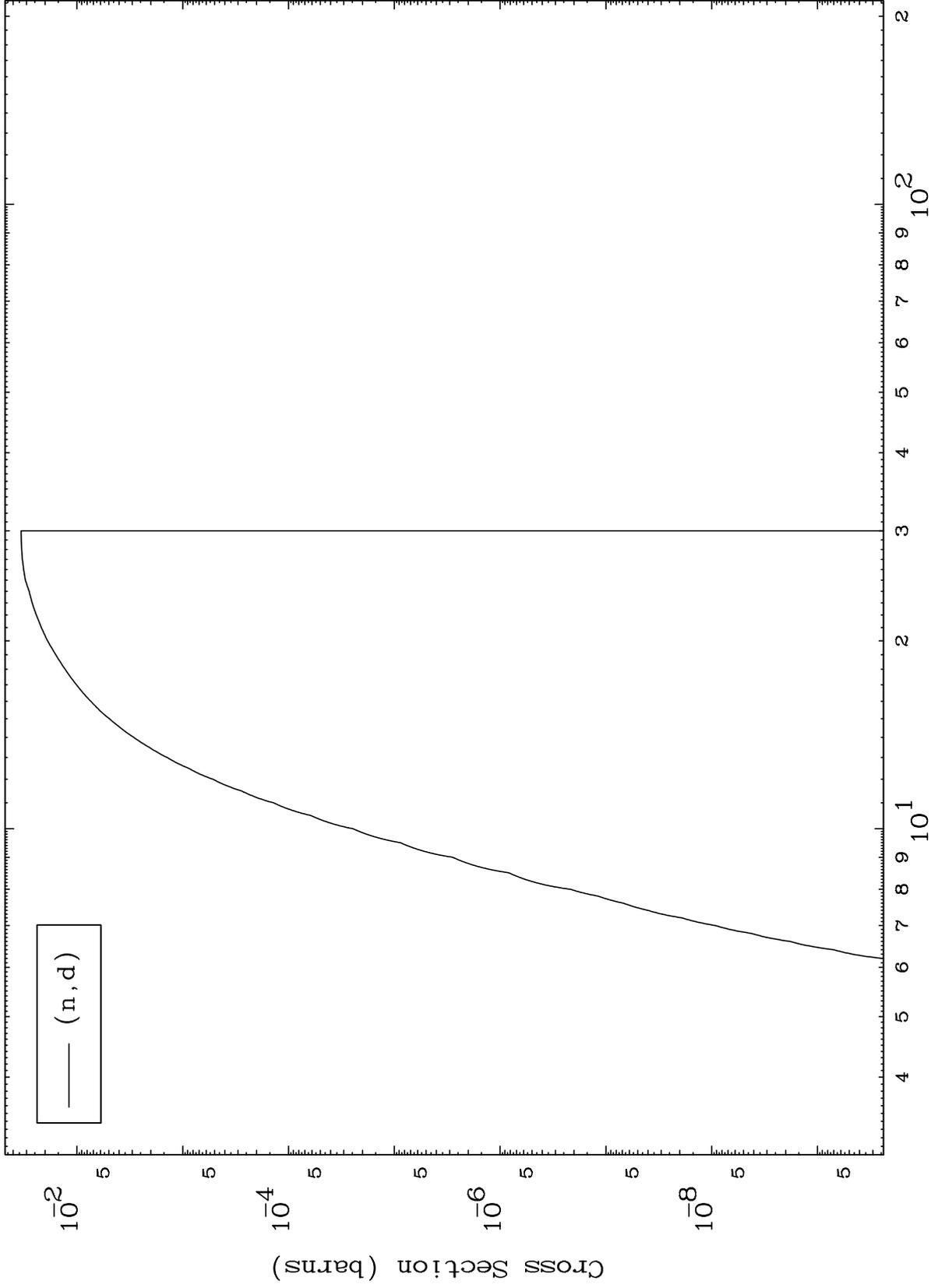
58-Ce-130



MAT 5807

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-130



10

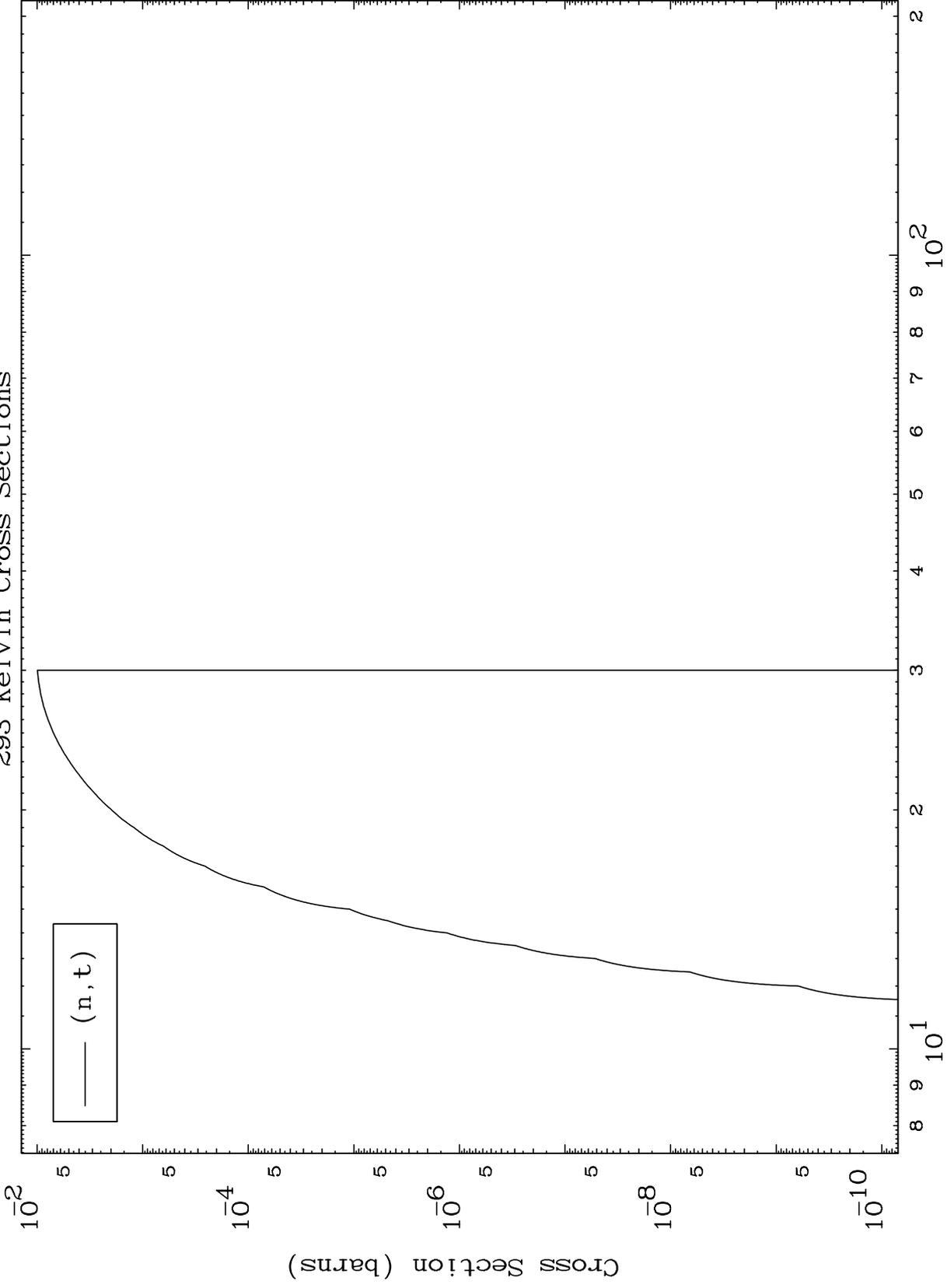
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-130



11

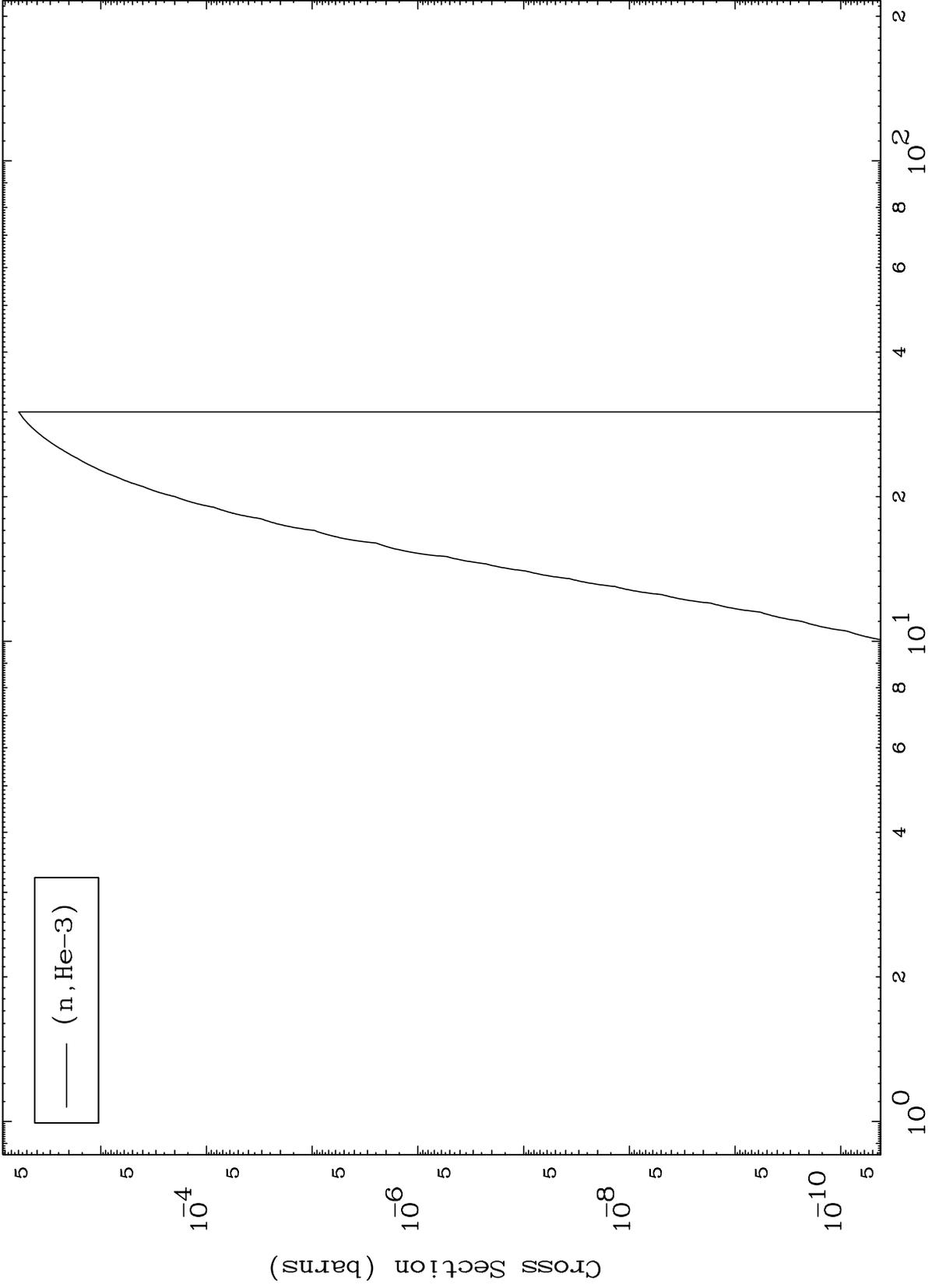
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58-Ce-130

MAT 5807

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-130



12

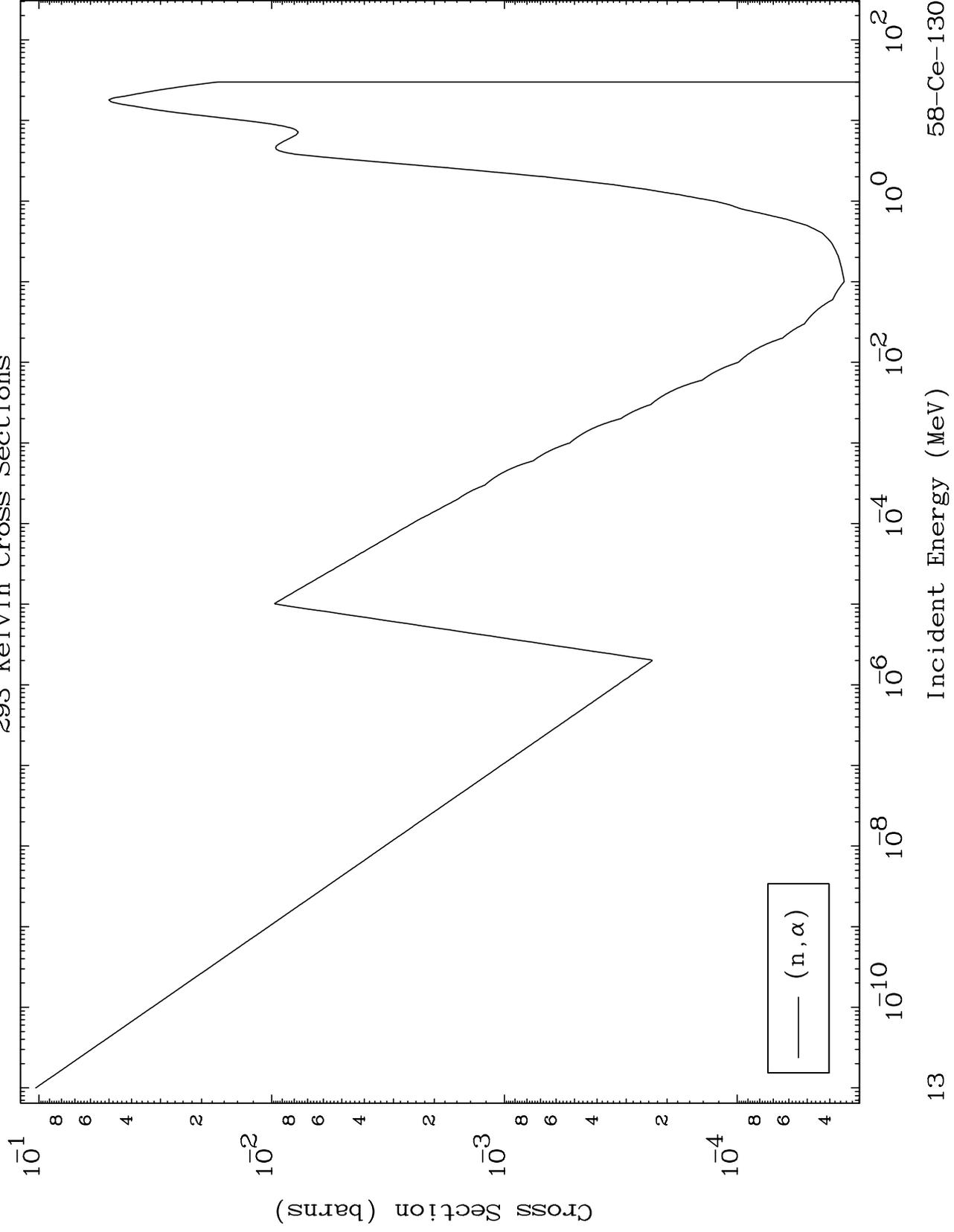
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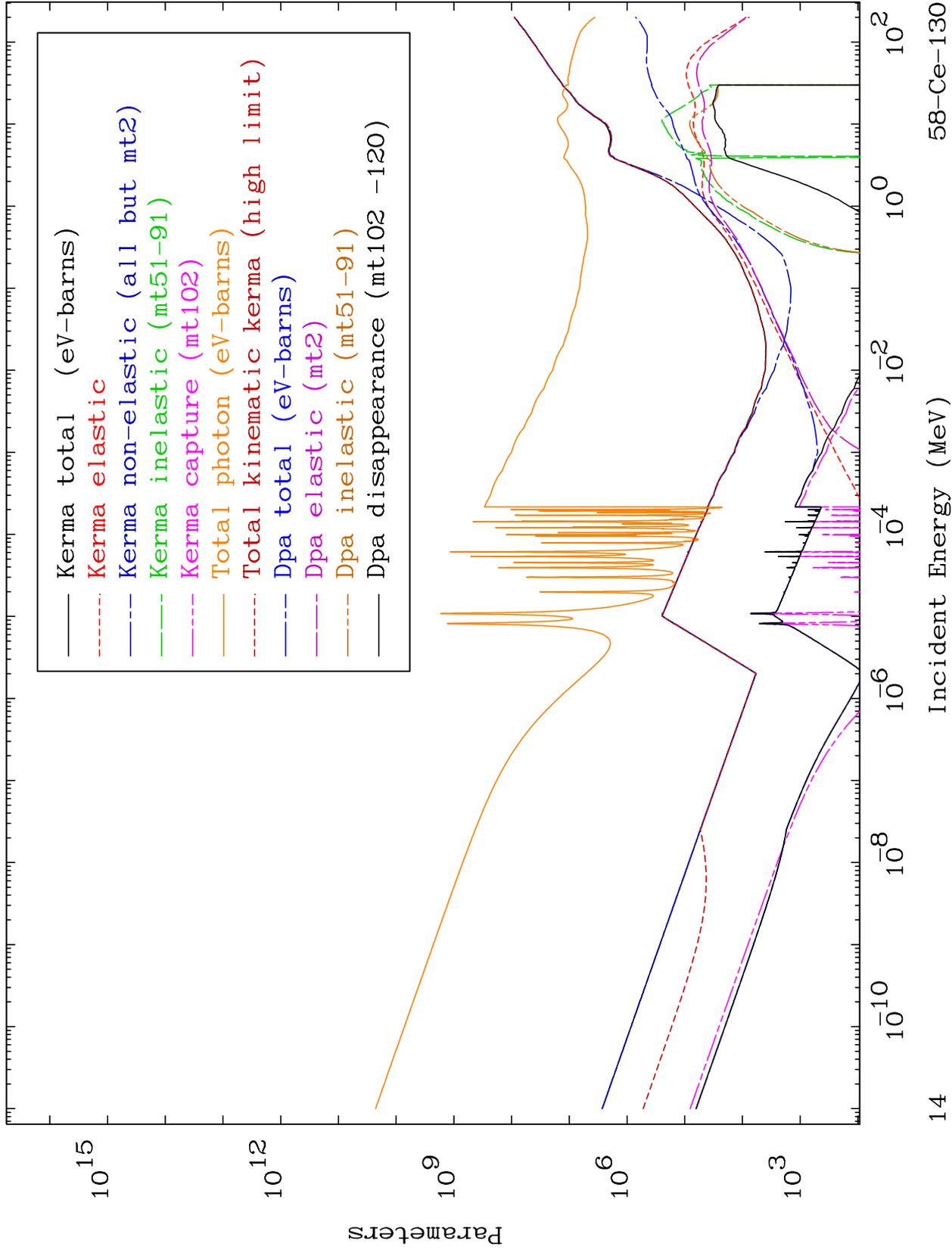
58-Ce-130

MAT 5807

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-130

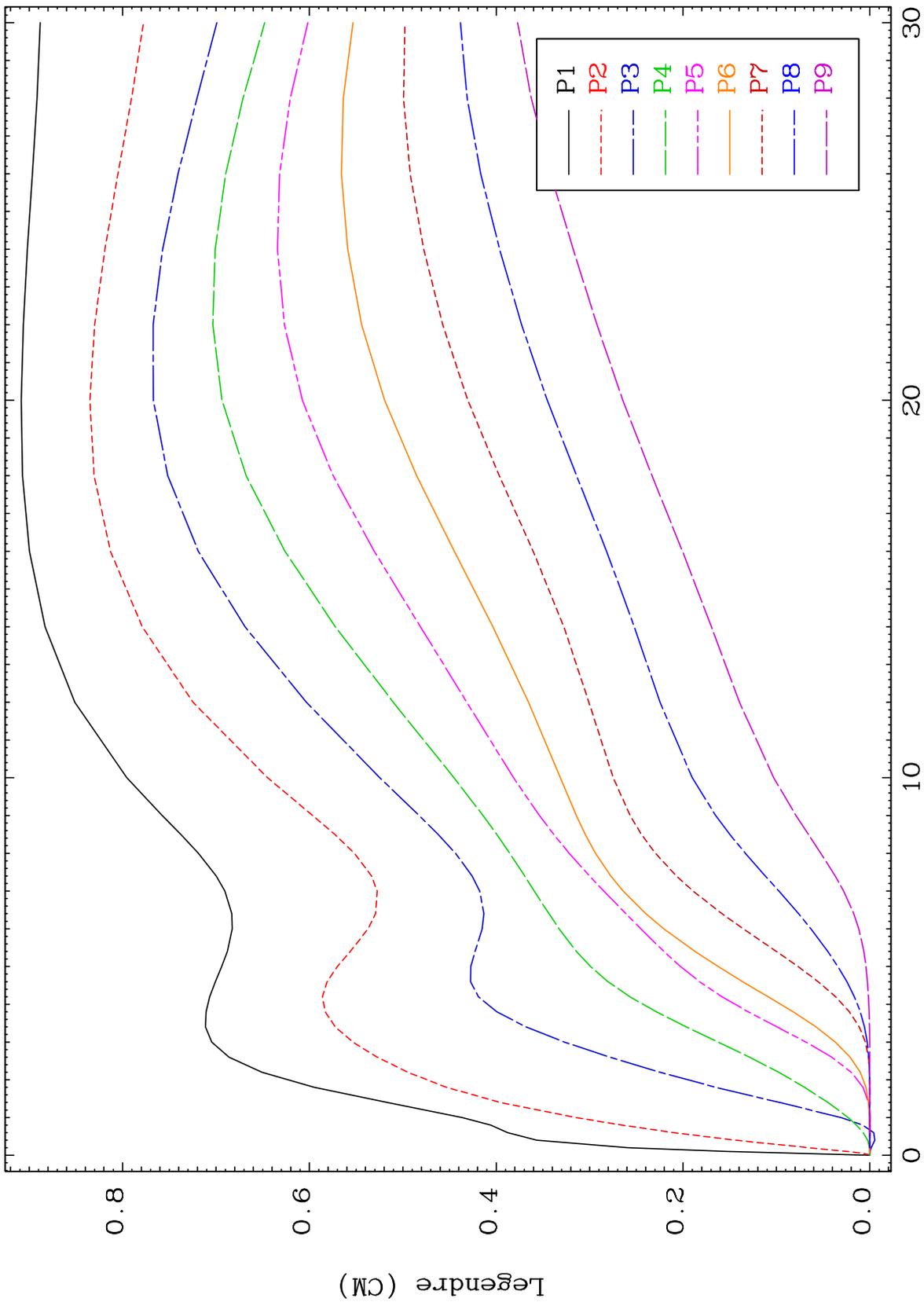




MAT 5807

Elastic Legendre Coefficients

58-Ce-130



15

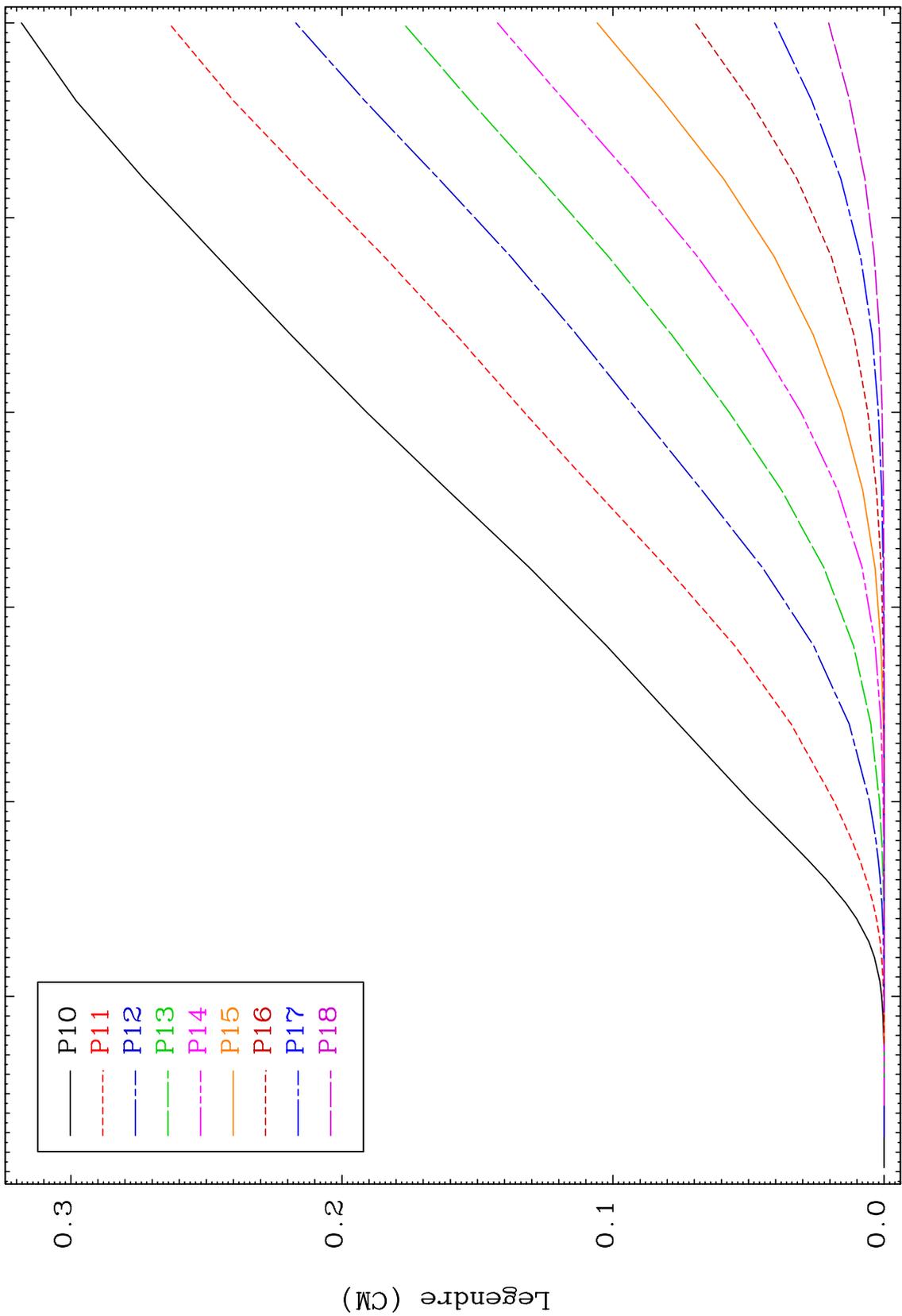
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



16

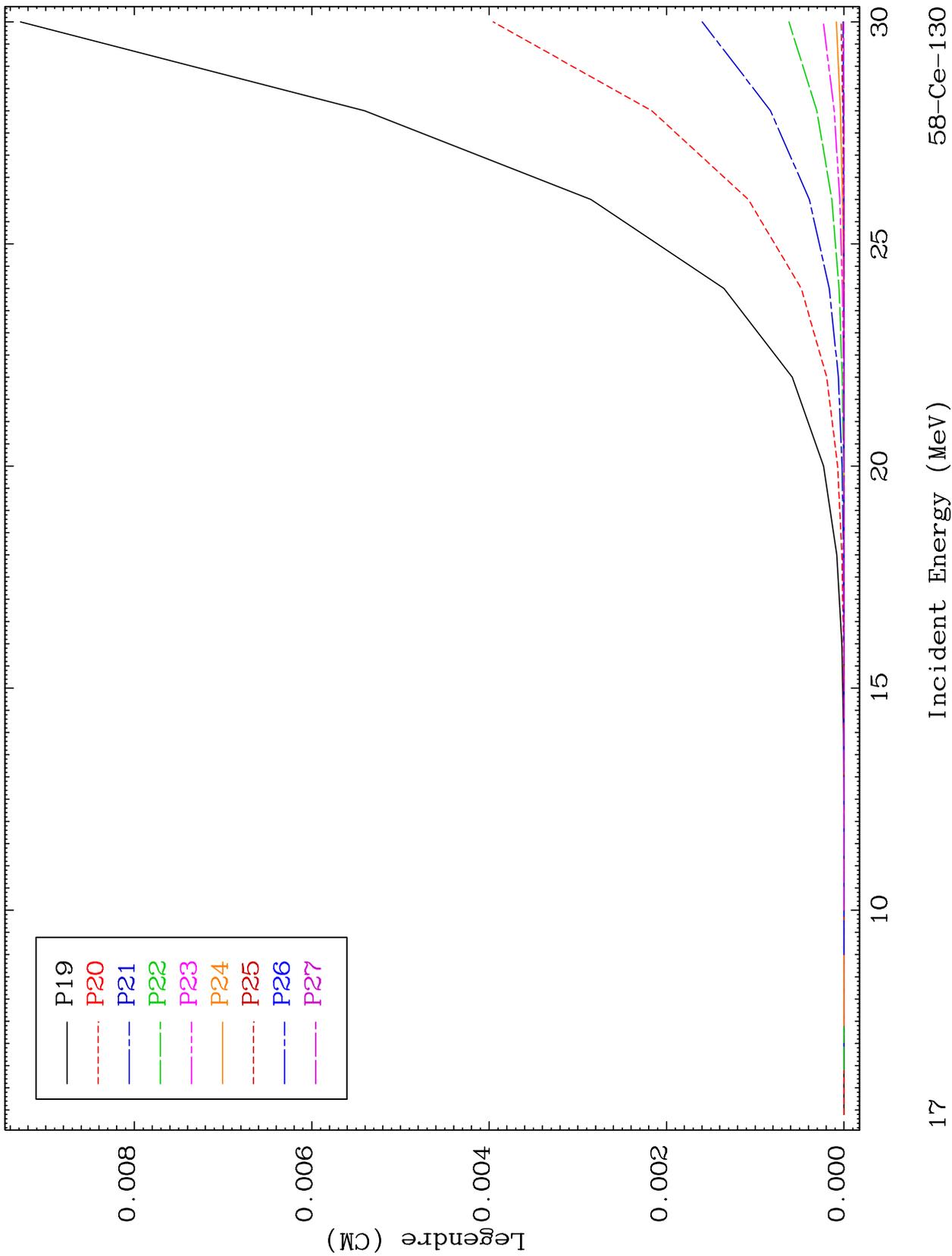
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



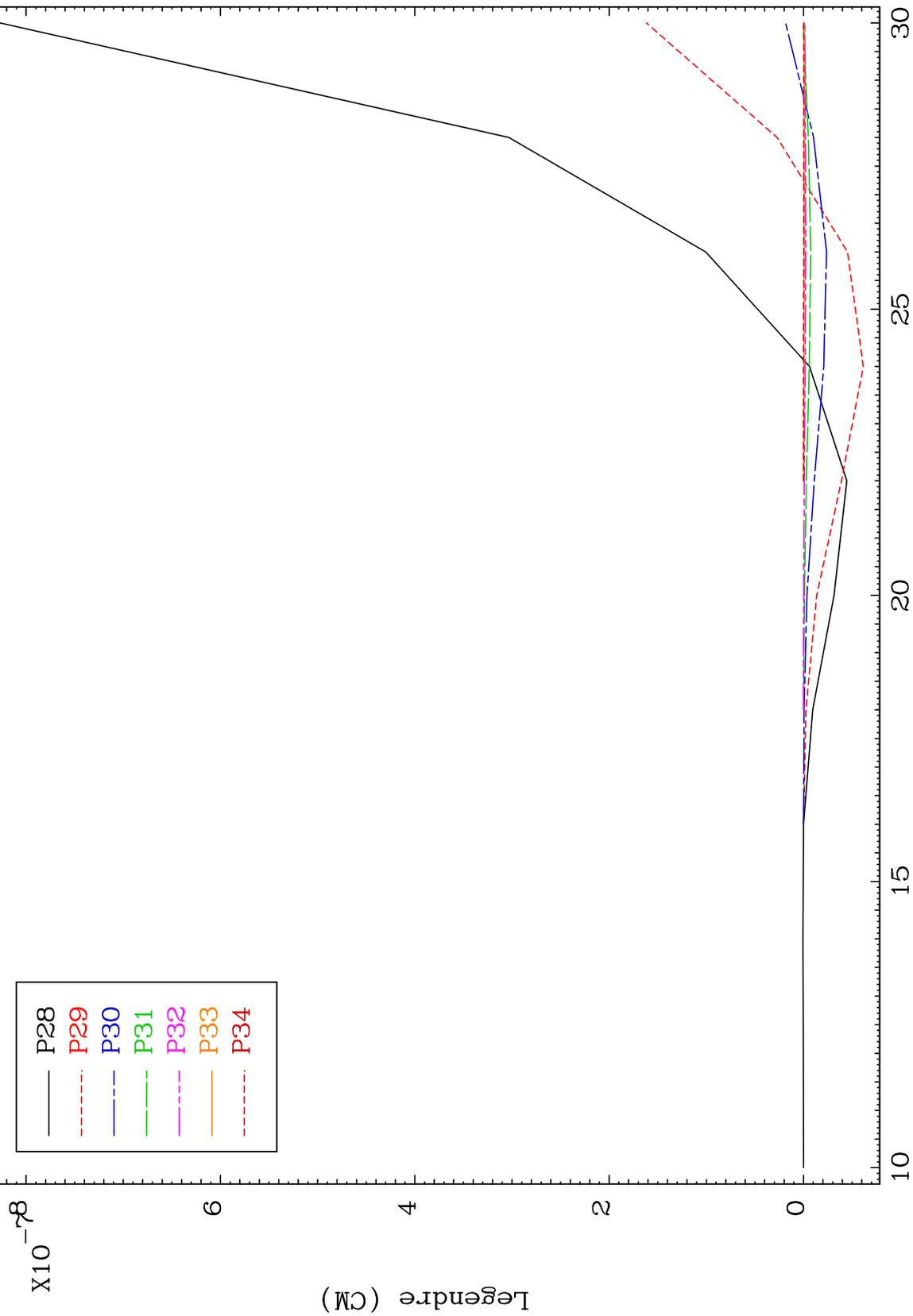
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58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



18

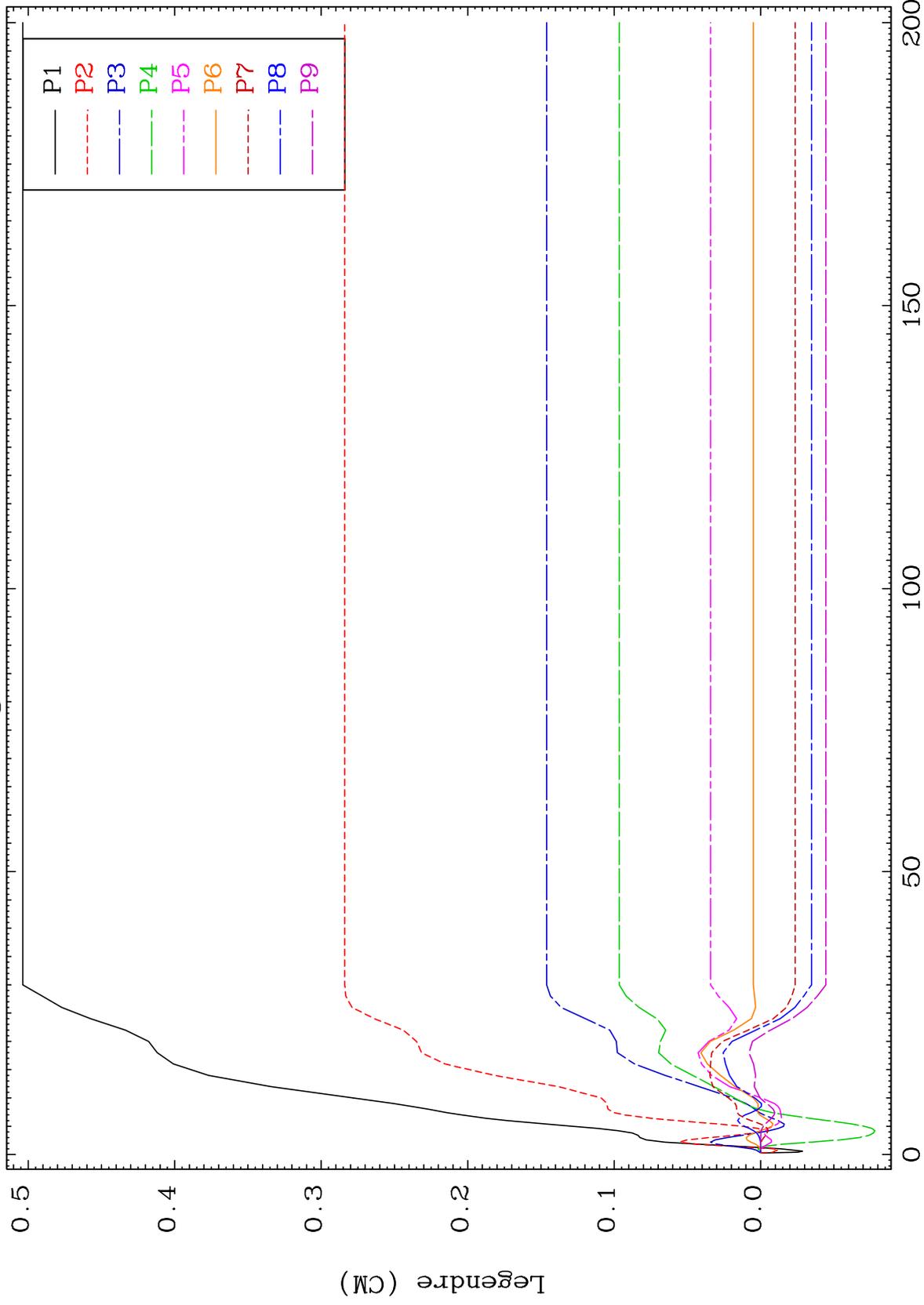
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

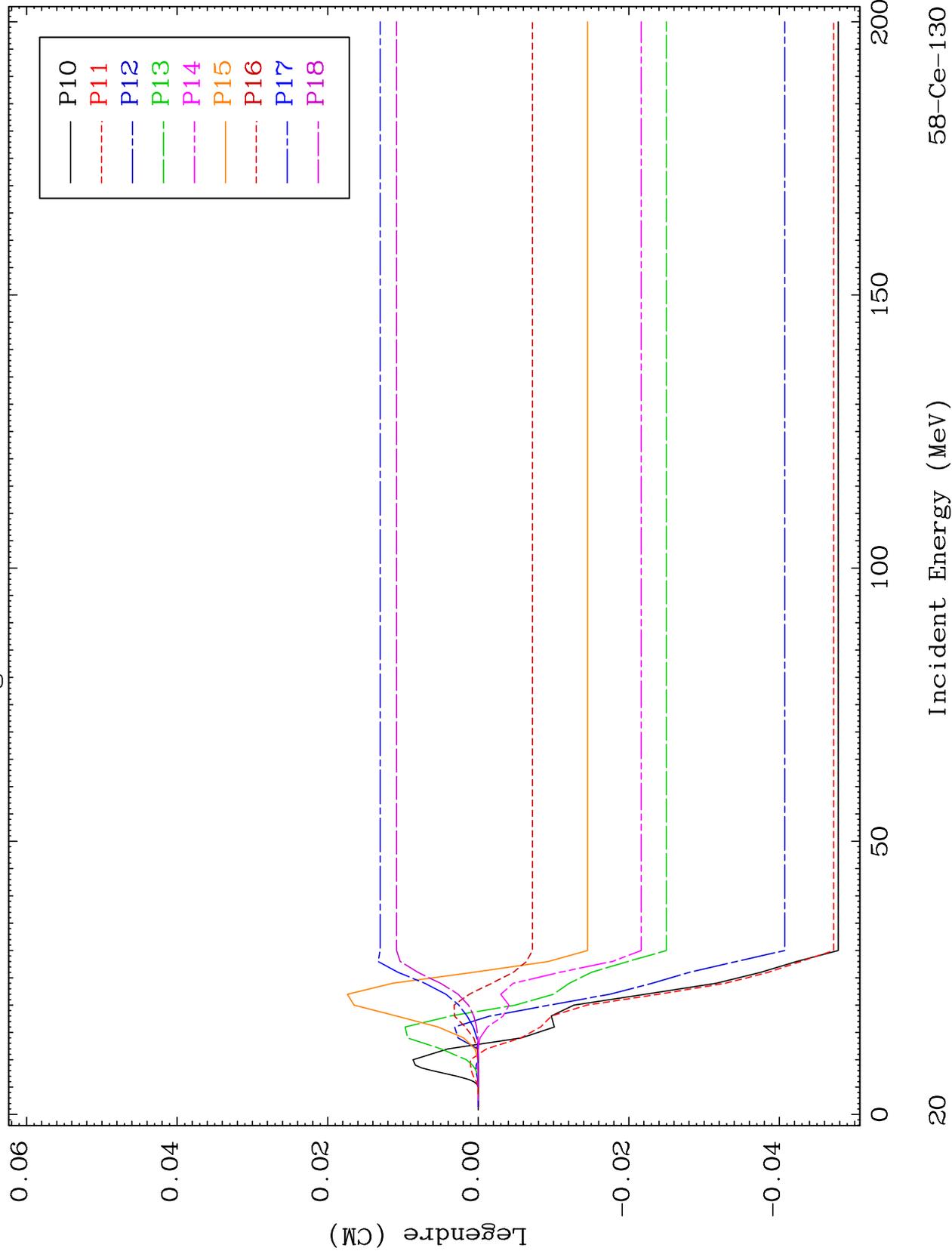
Incident Energy (MeV)

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MAT 5807

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

58-Ce-130



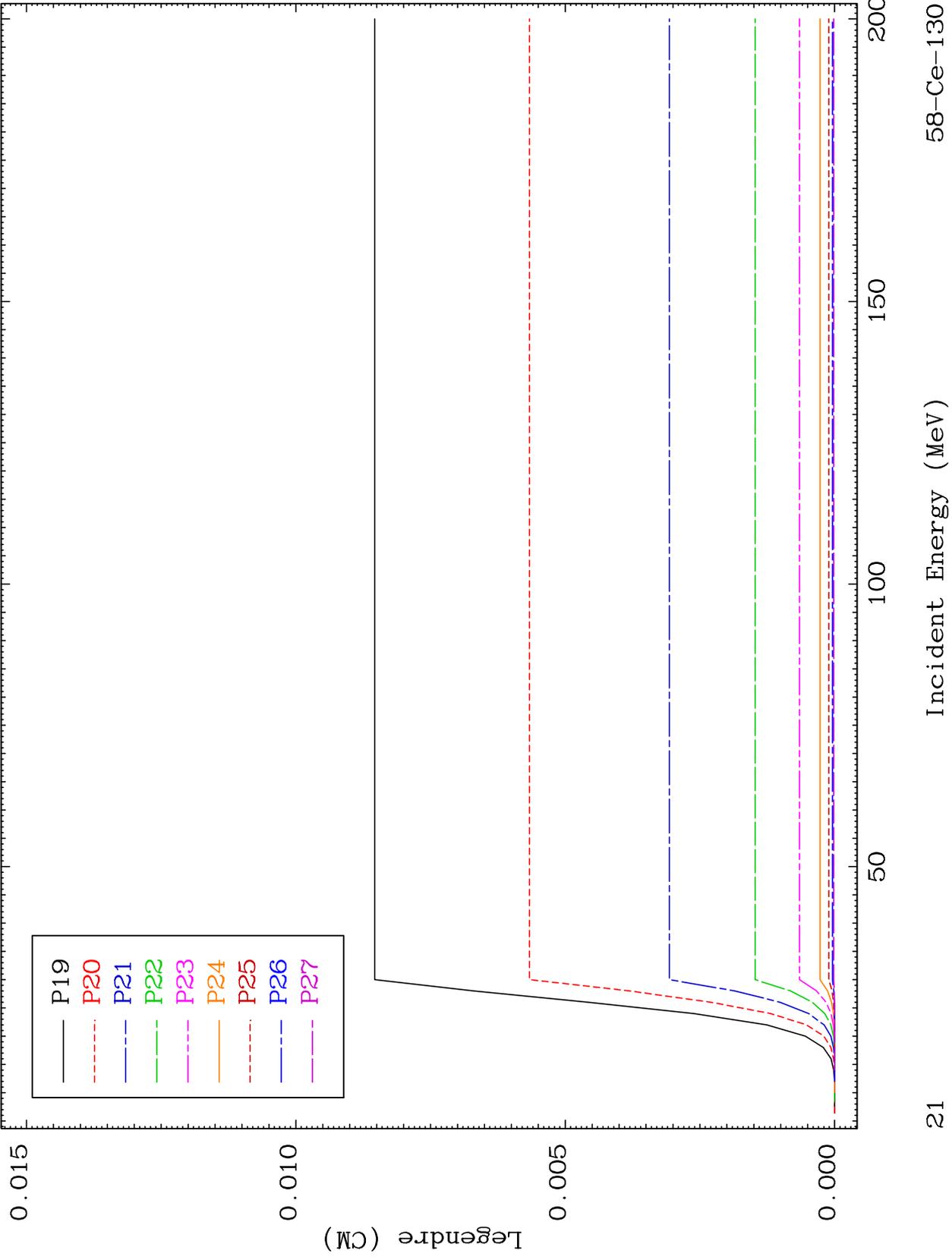
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Incident Energy (MeV)

MAT 5807

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

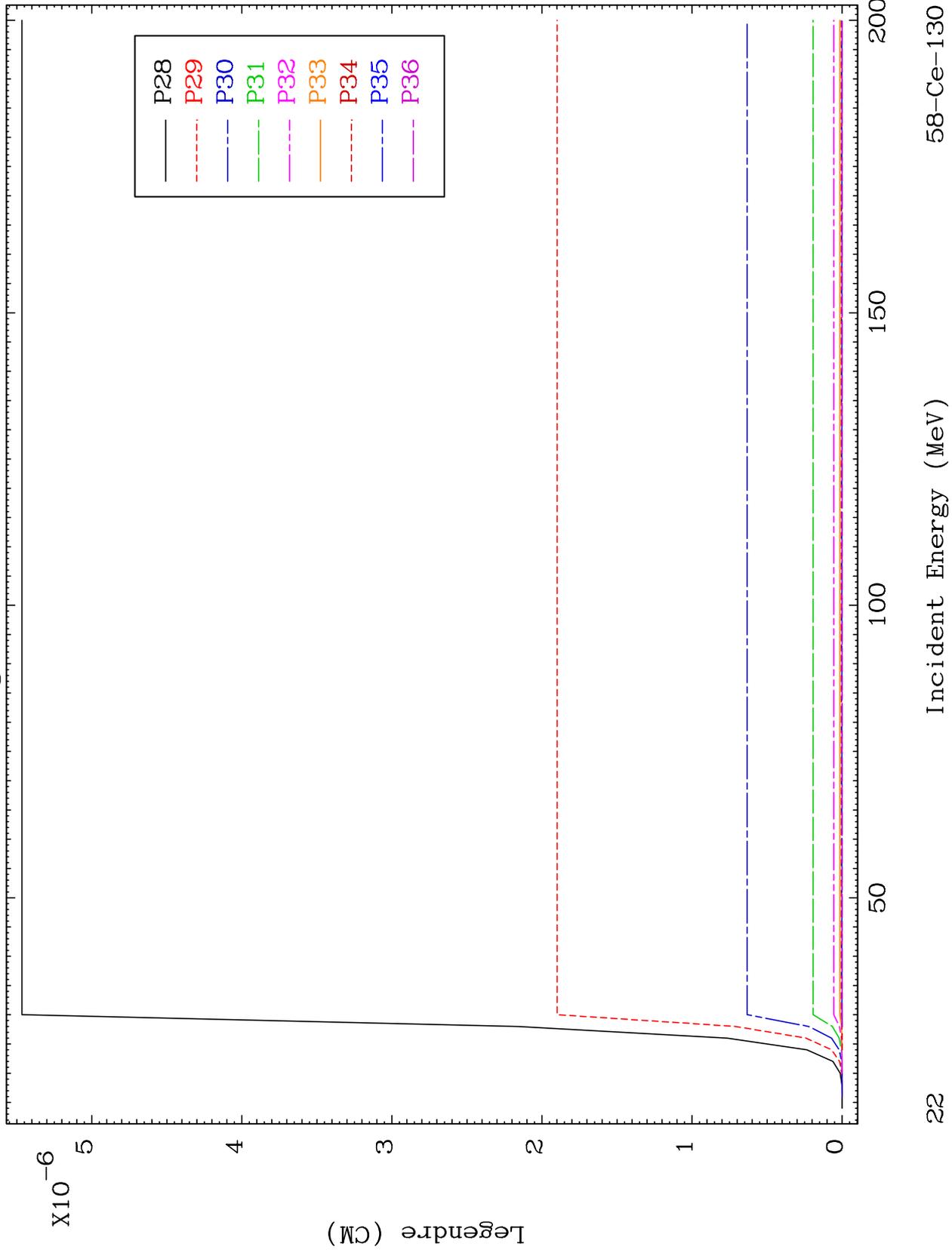
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MAT 5807

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

58-Ce-130

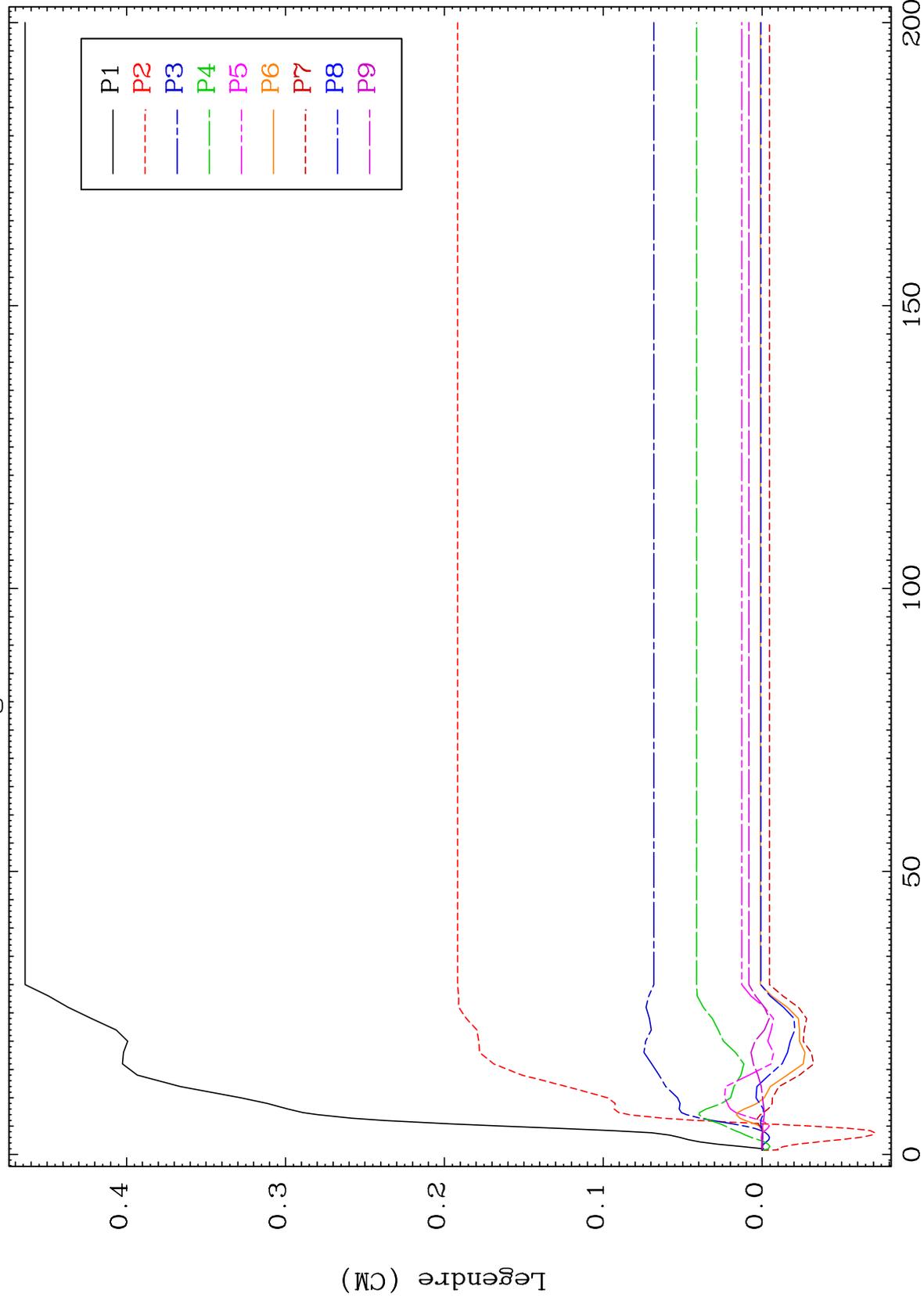


22

MAT 5807

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

58-Ce-130



58-Ce-130

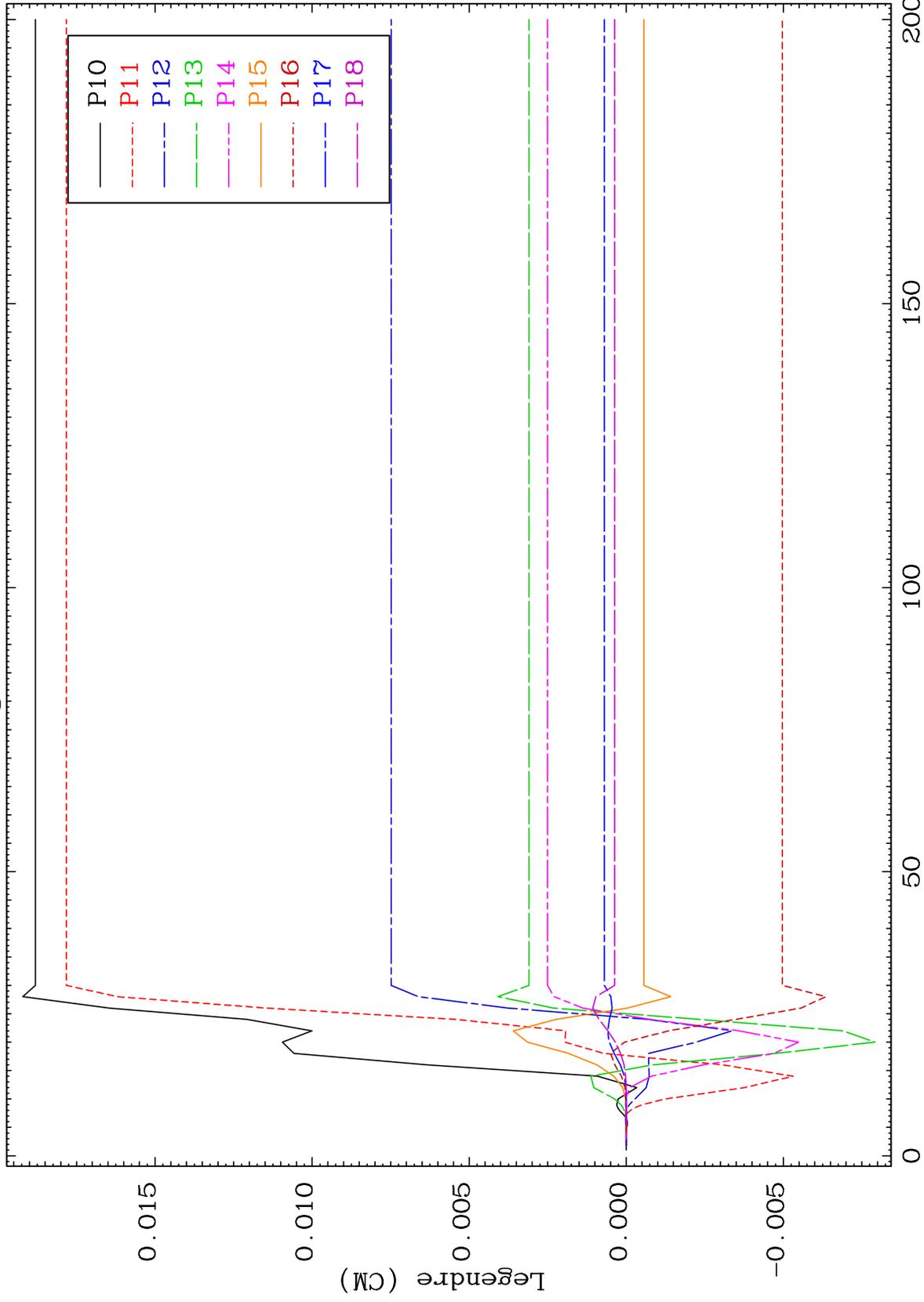
Incident Energy (MeV)

23

MAT 5807

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

58-Ce-130



24

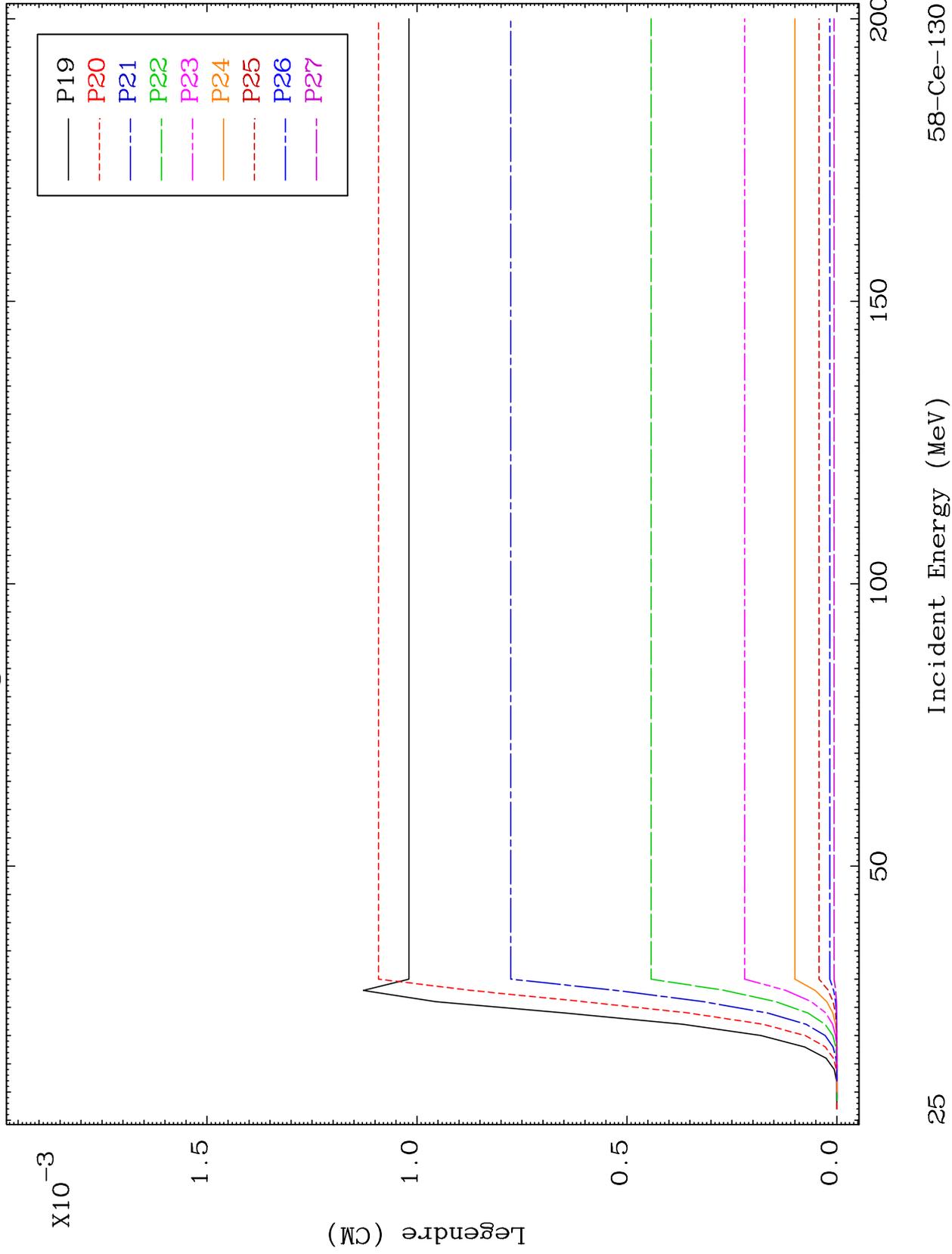
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

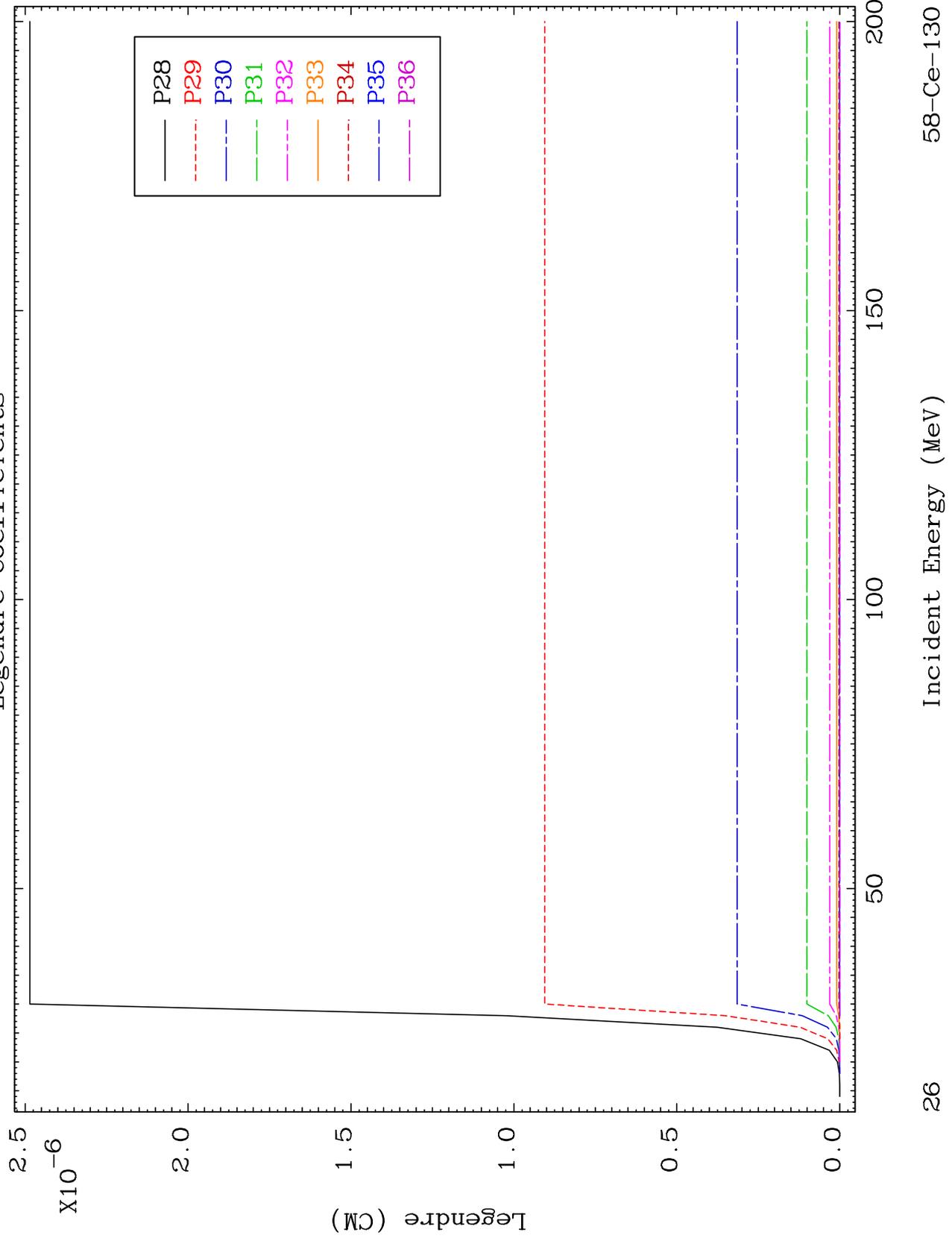
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MAT 5807

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

58-Ce-130



26

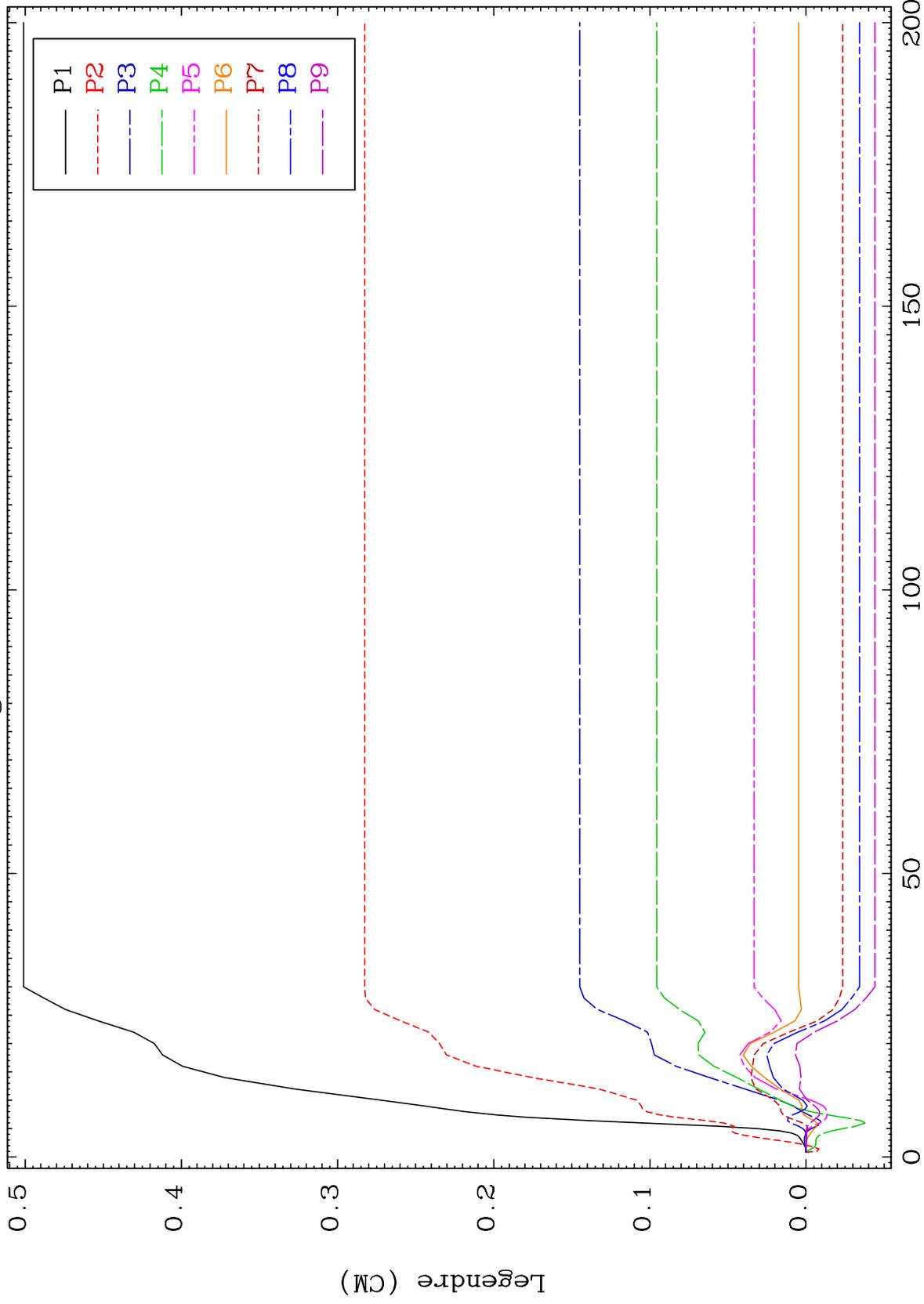
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



27

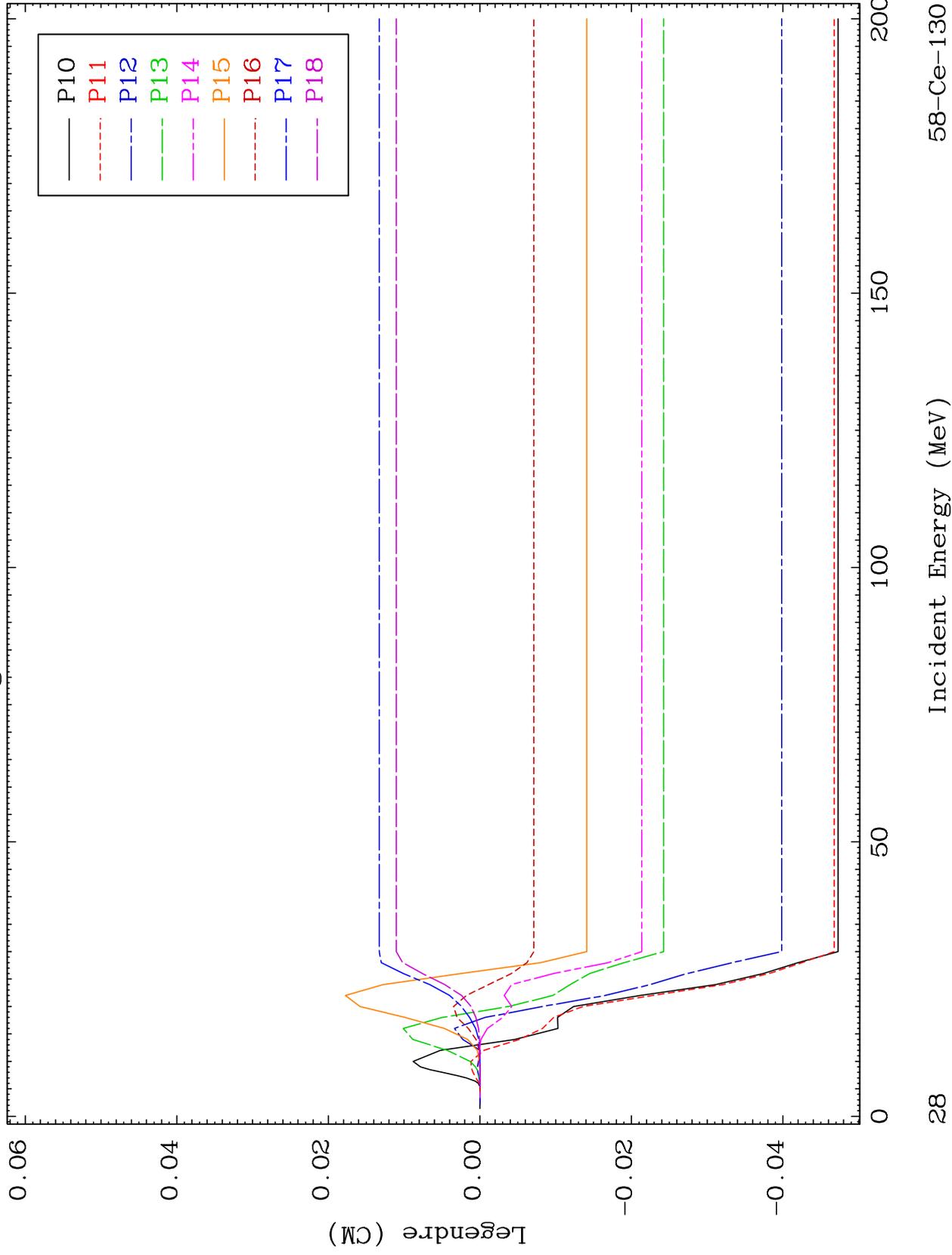
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

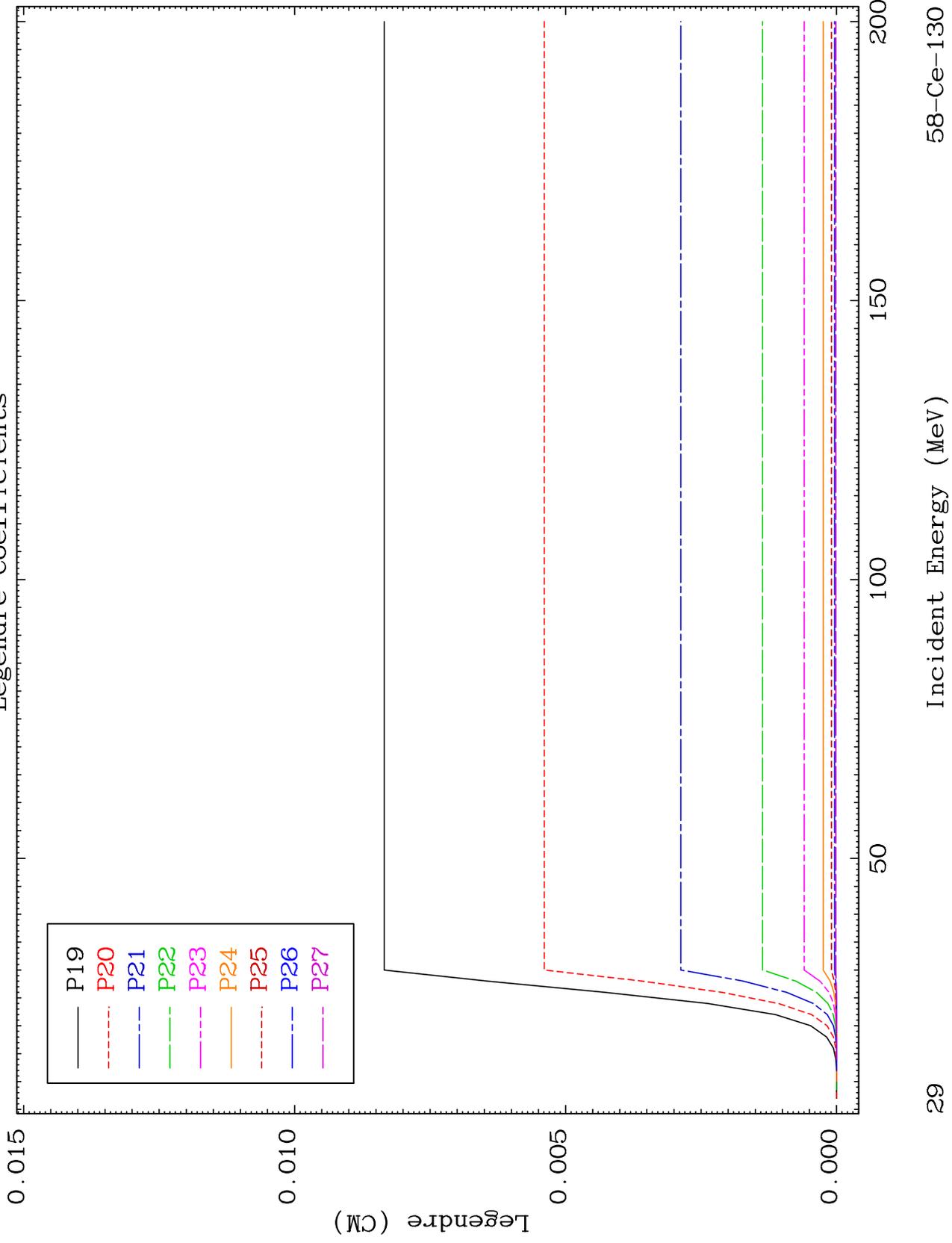
Incident Energy (MeV)

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MAT 5807

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

58-Ce-130



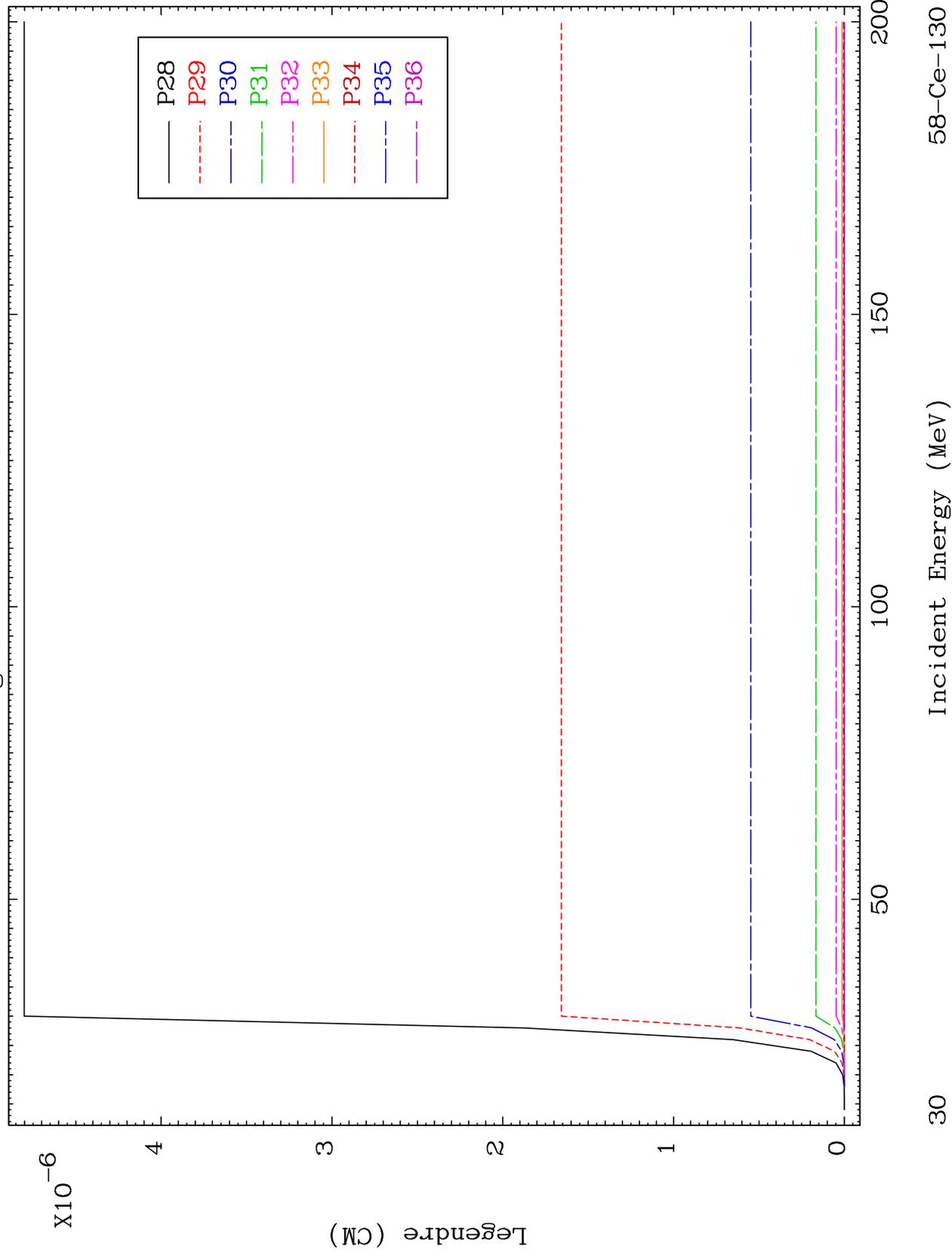
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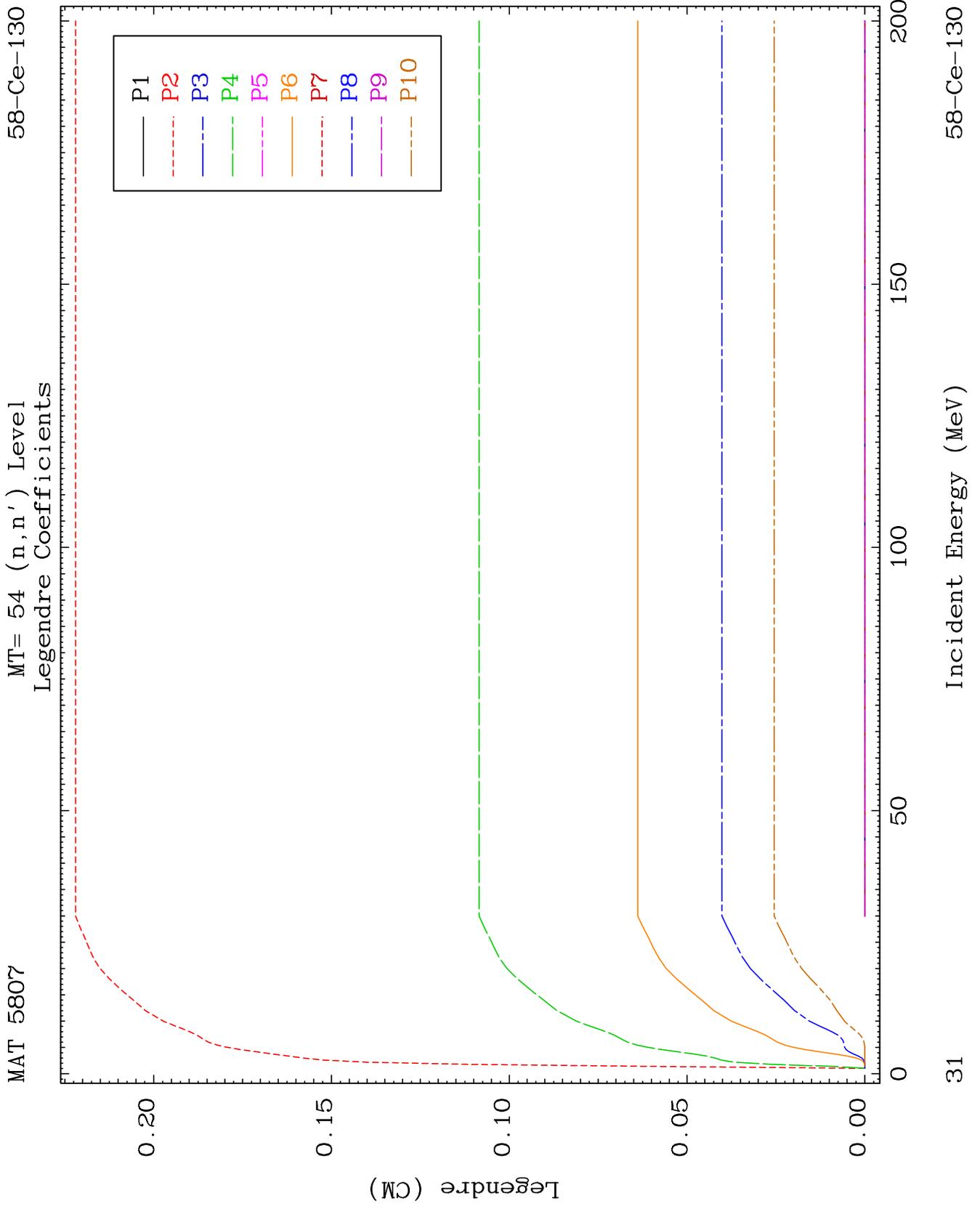
58-Ce-130

MAT 5807

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

58-Ce-130

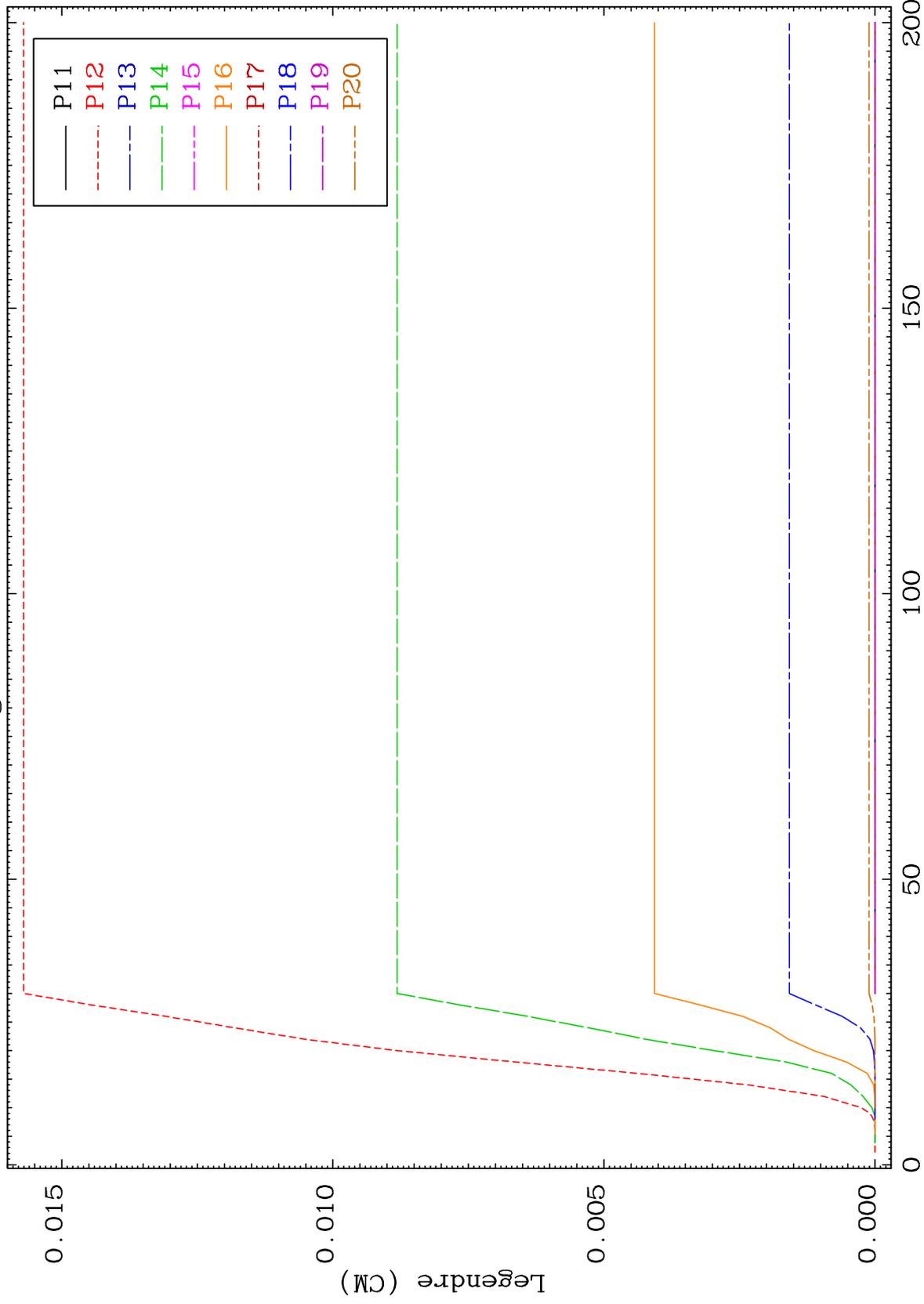




MAT 5807

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

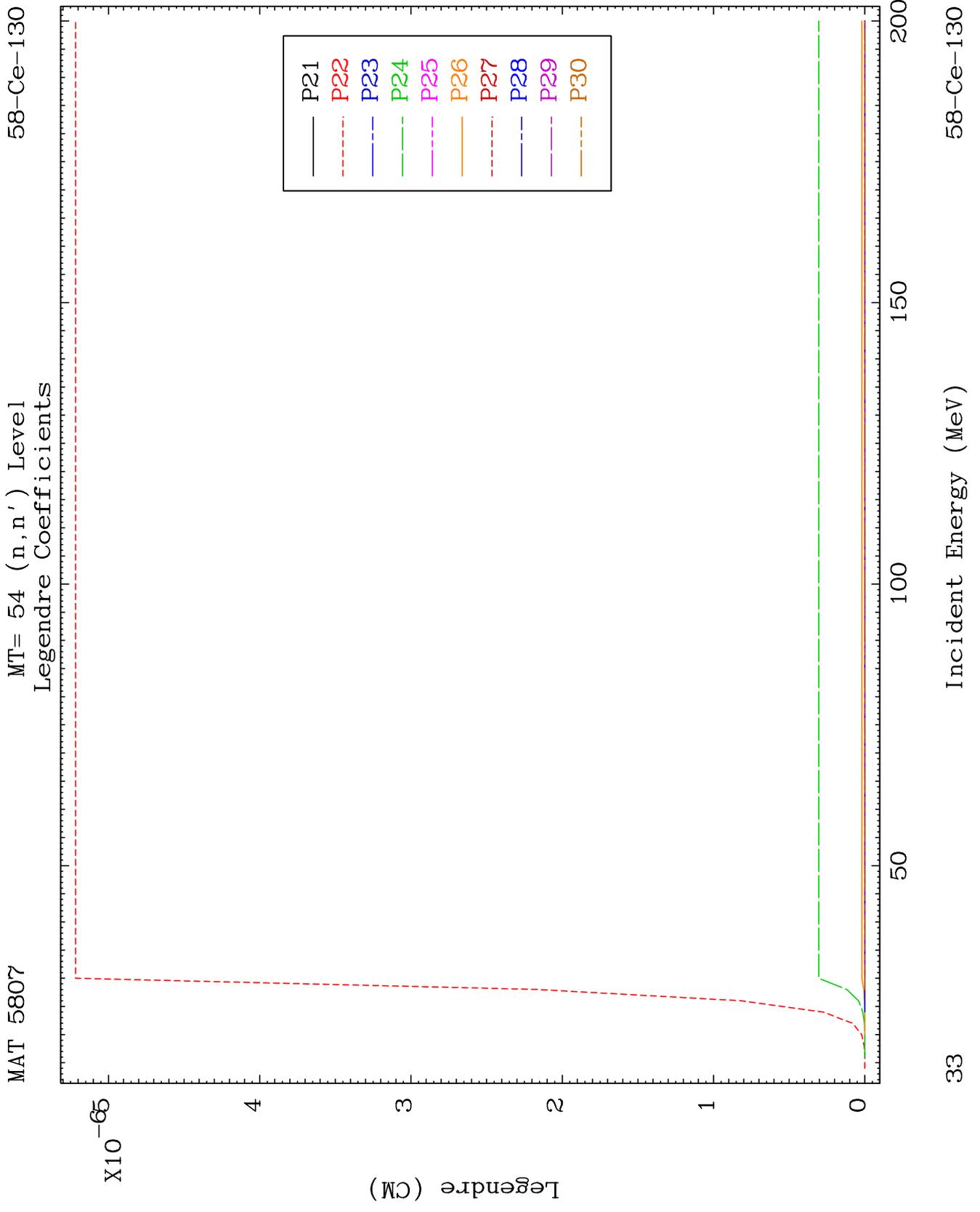
58-Ce-130



32

Incident Energy (MeV)

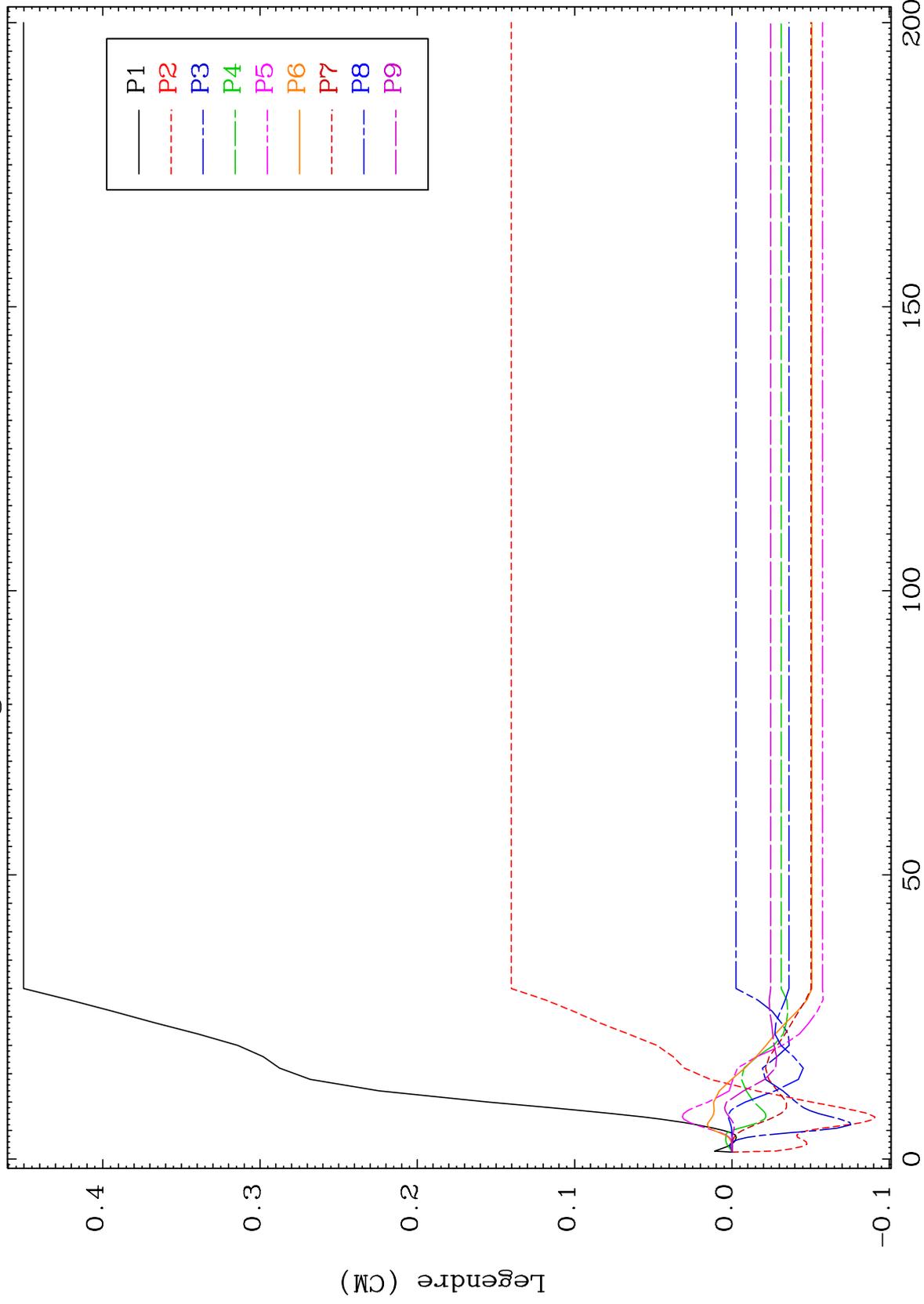
58-Ce-130



MAT 5807

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

58-Ce-130



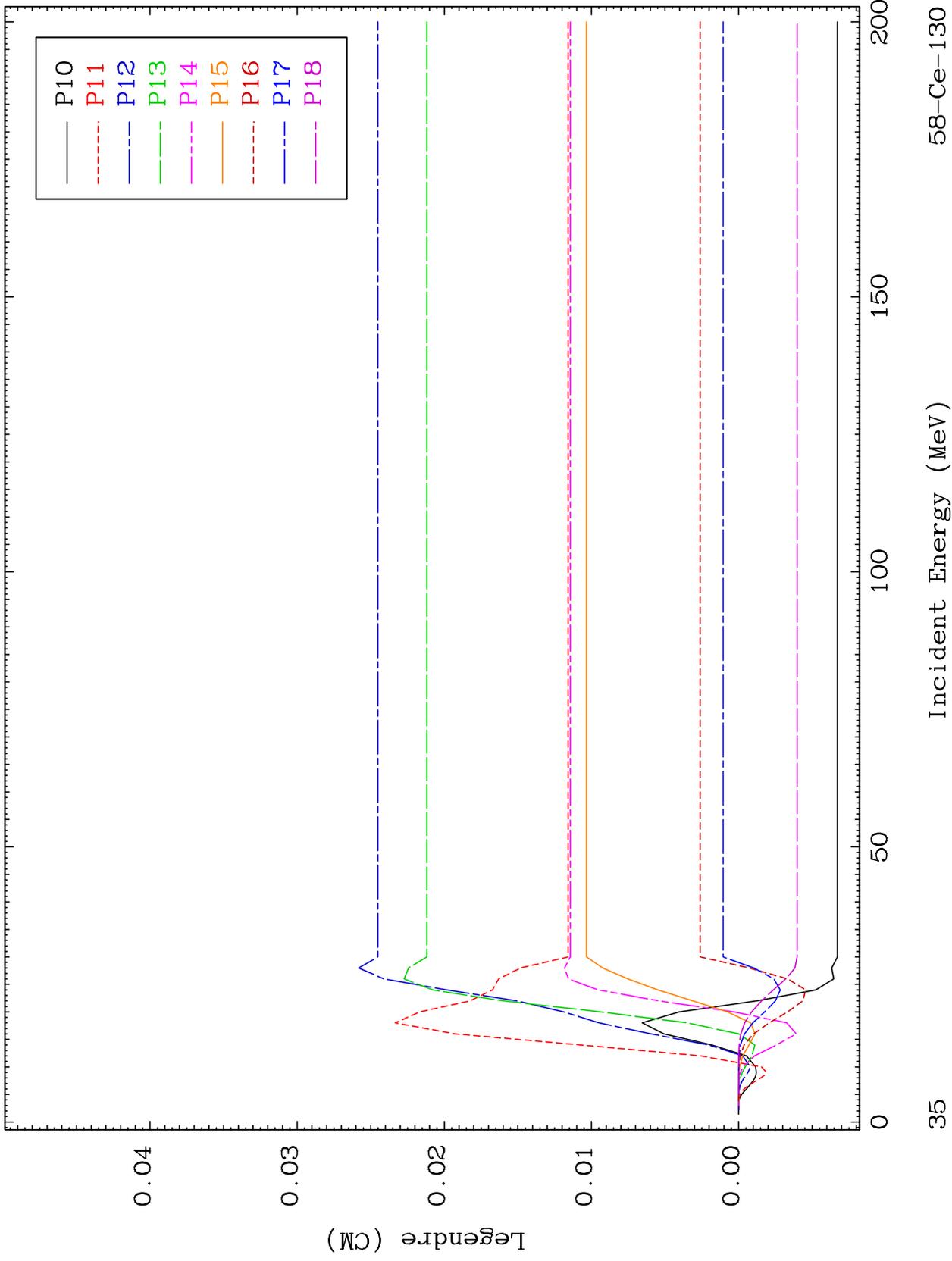
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58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

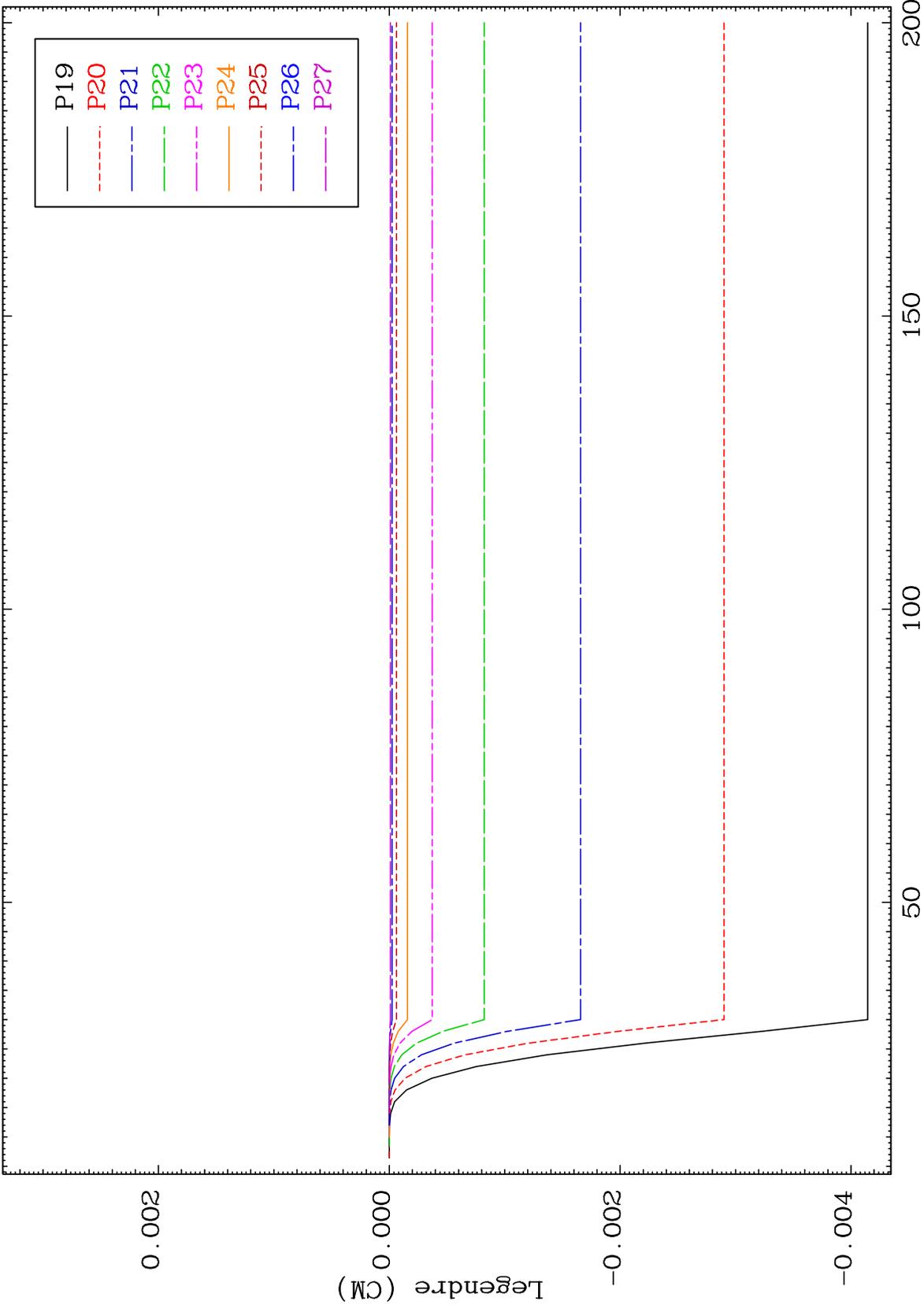
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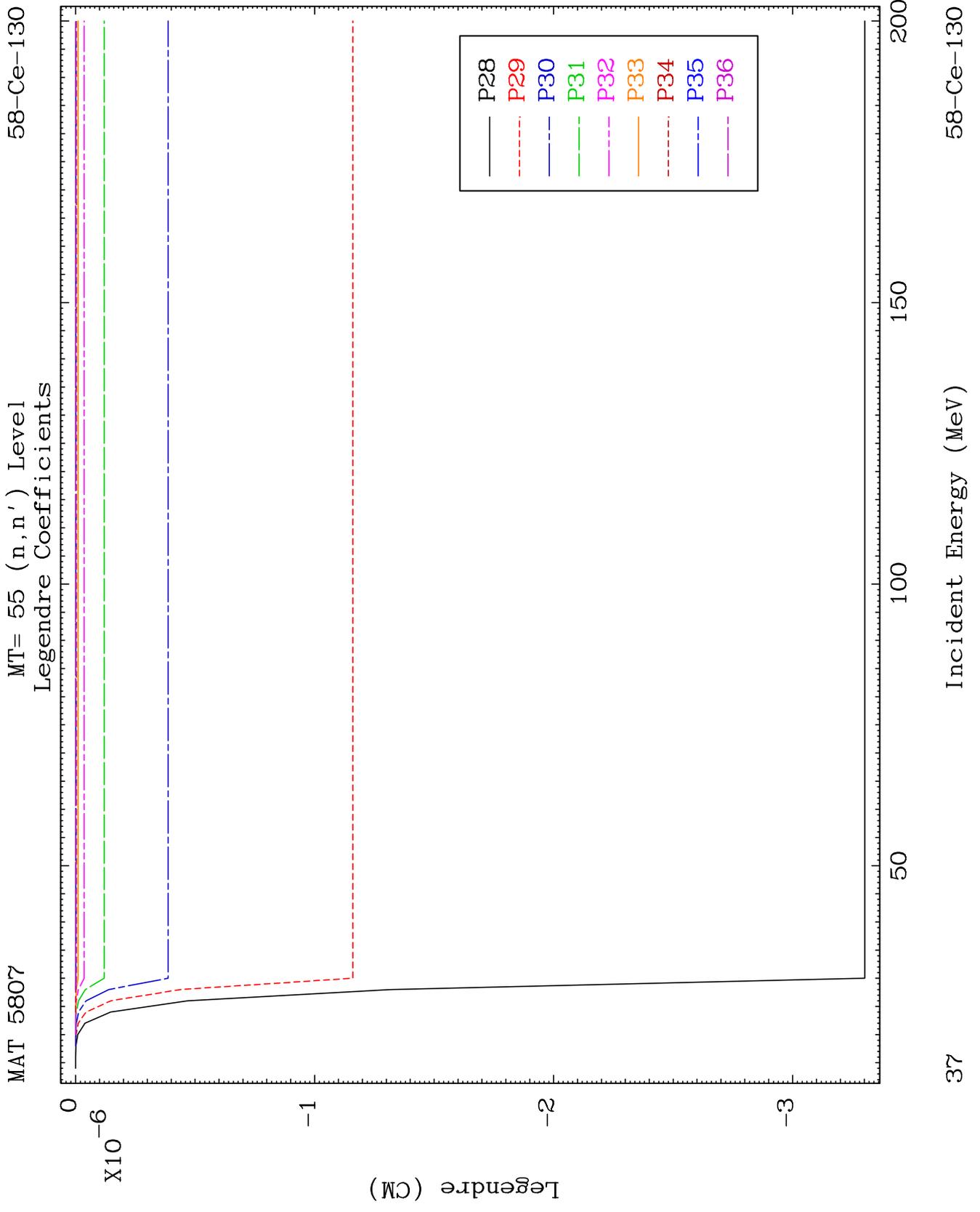
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MAT 5807

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

58-Ce-130

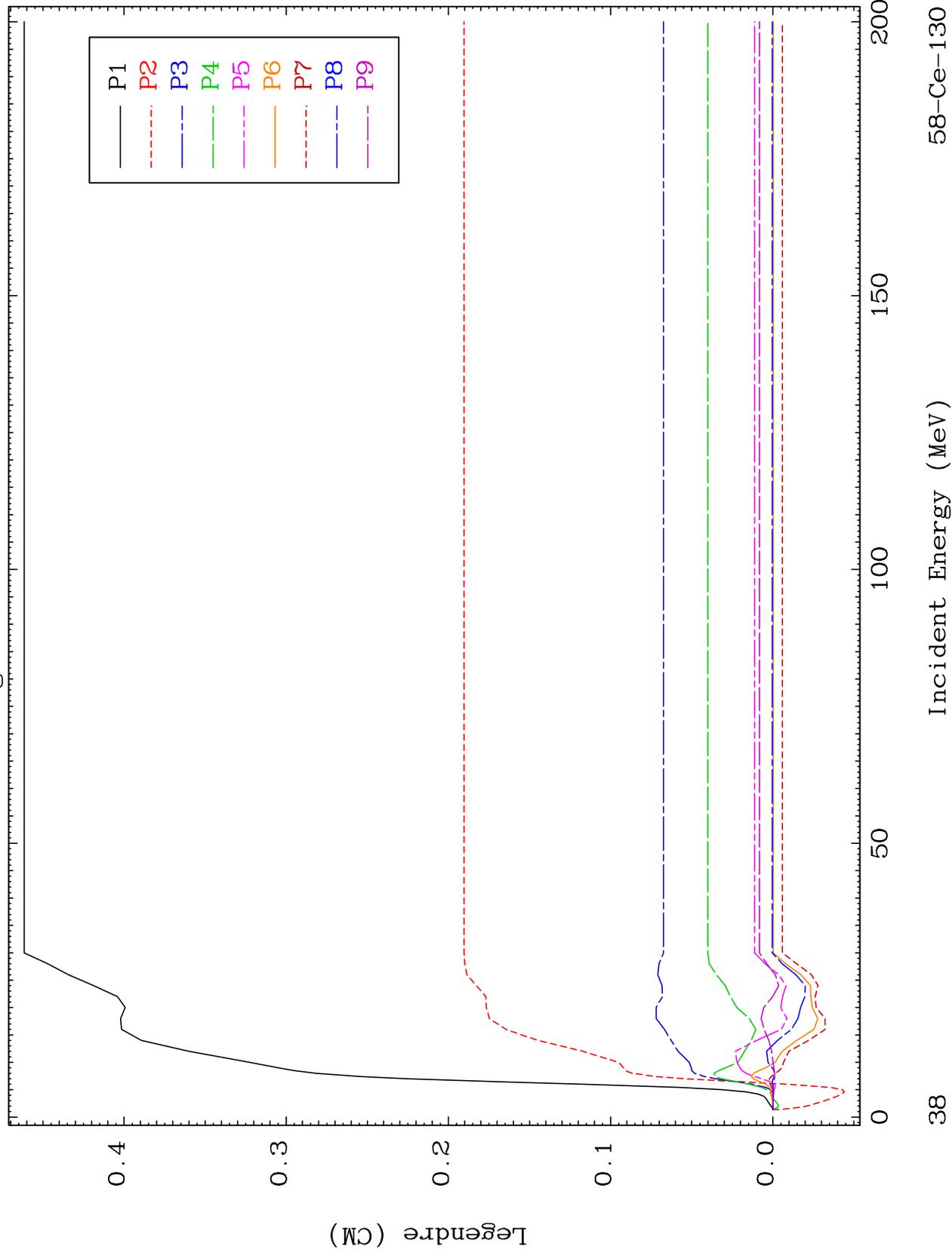




MAT 5807

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

58-Ce-130



58-Ce-130

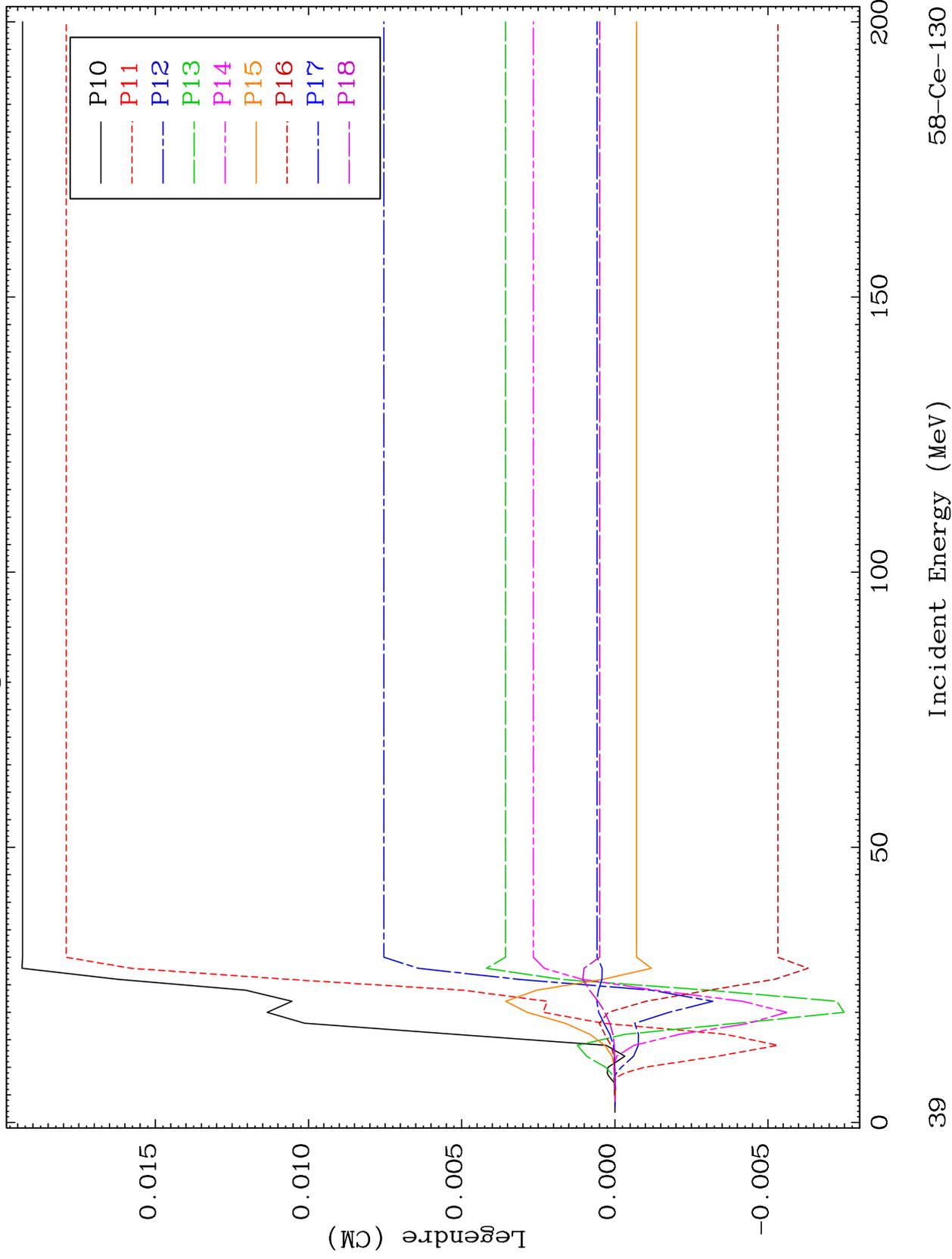
Incident Energy (MeV)

38

MAT 5807

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

58-Ce-130



58-Ce-130

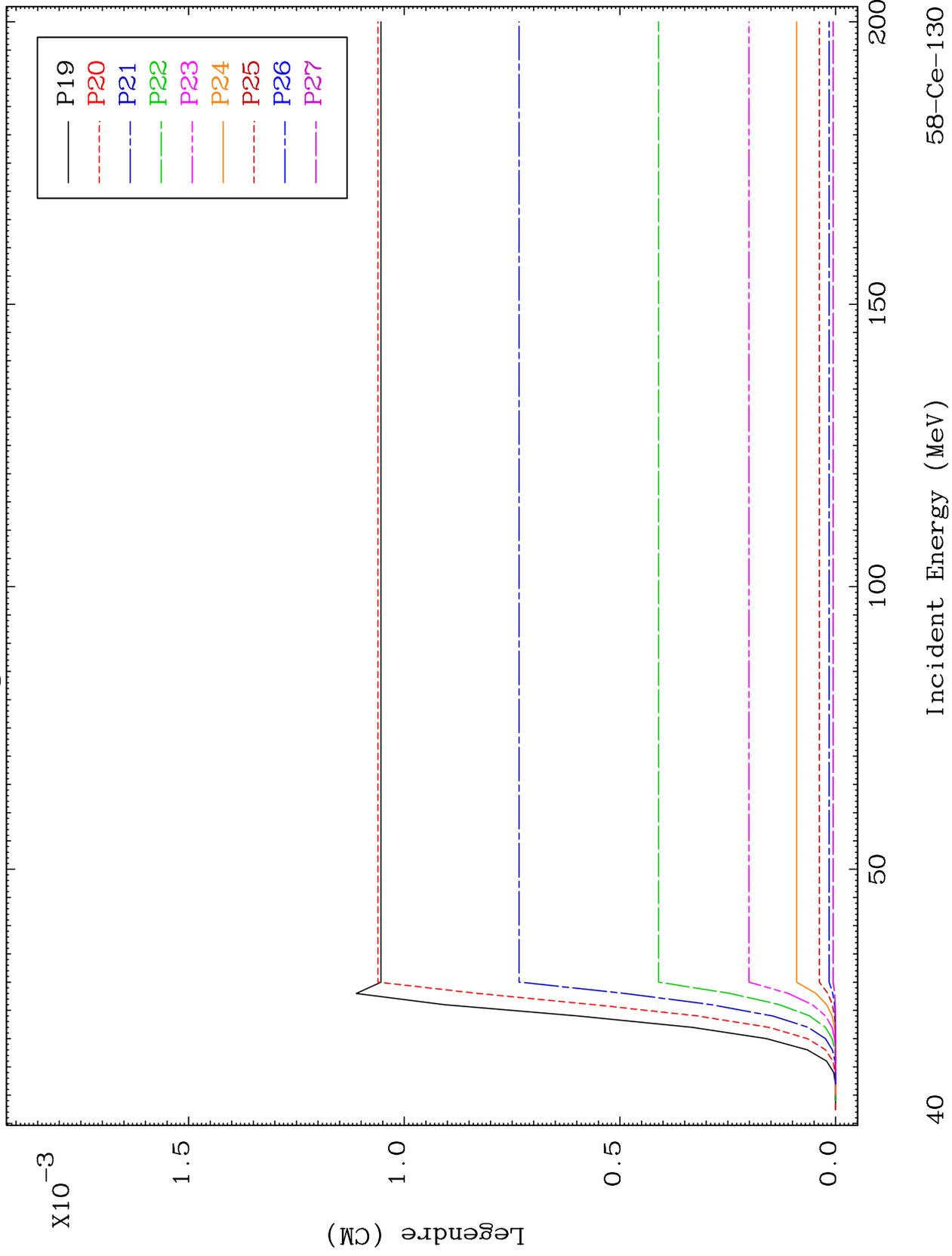
Incident Energy (MeV)

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MAT 5807

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

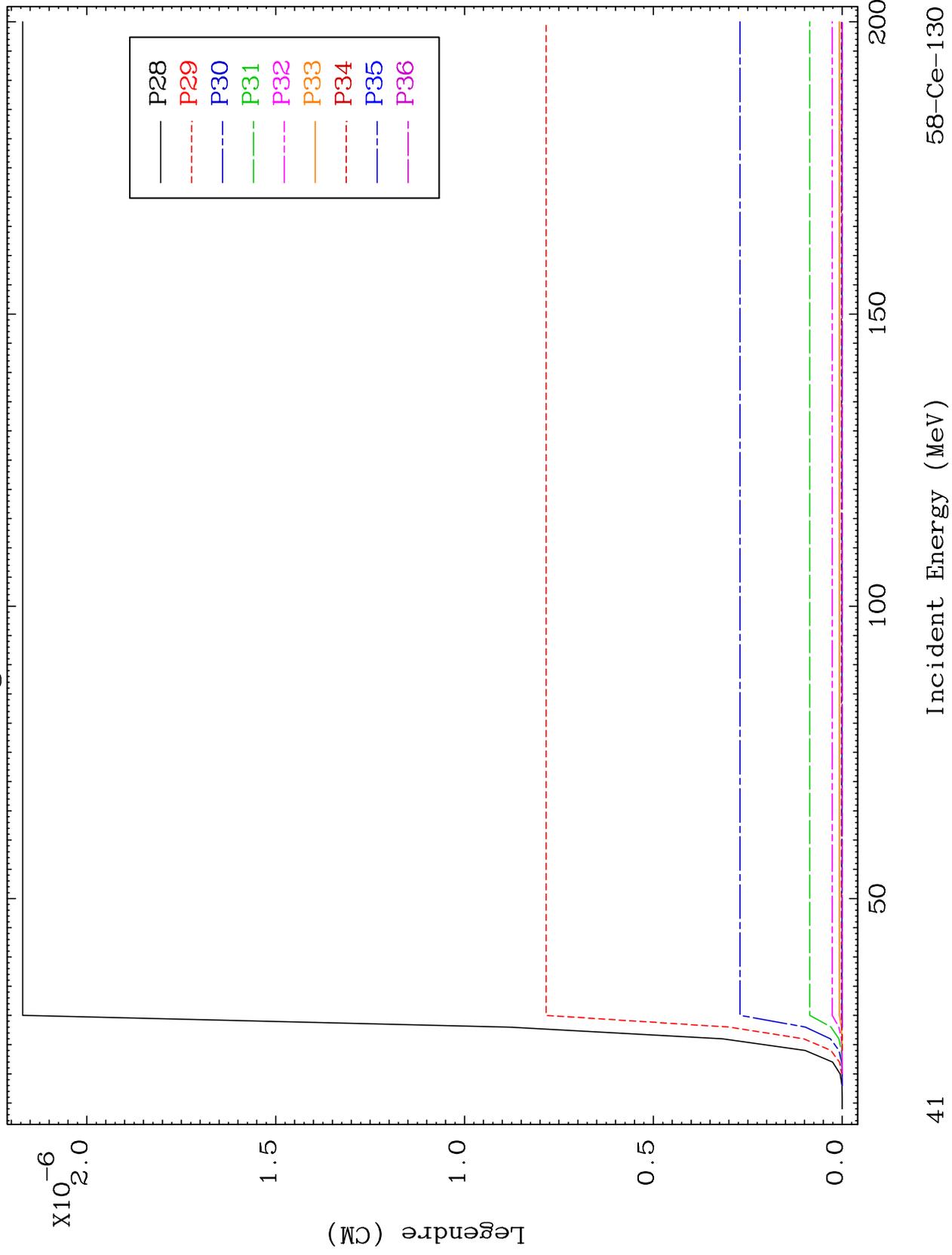
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MAT 5807

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

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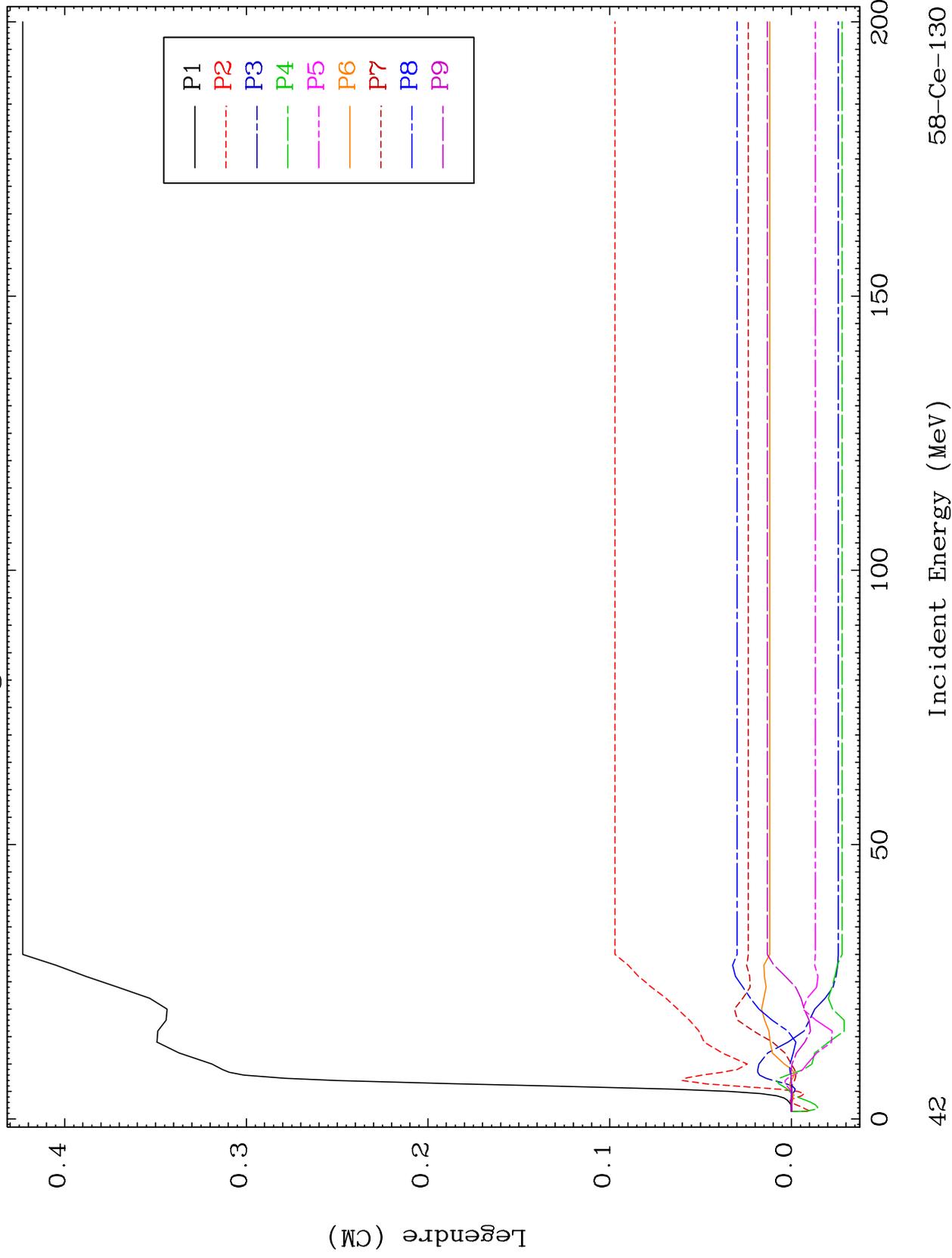


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MAT 5807

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

58-Ce-130



58-Ce-130

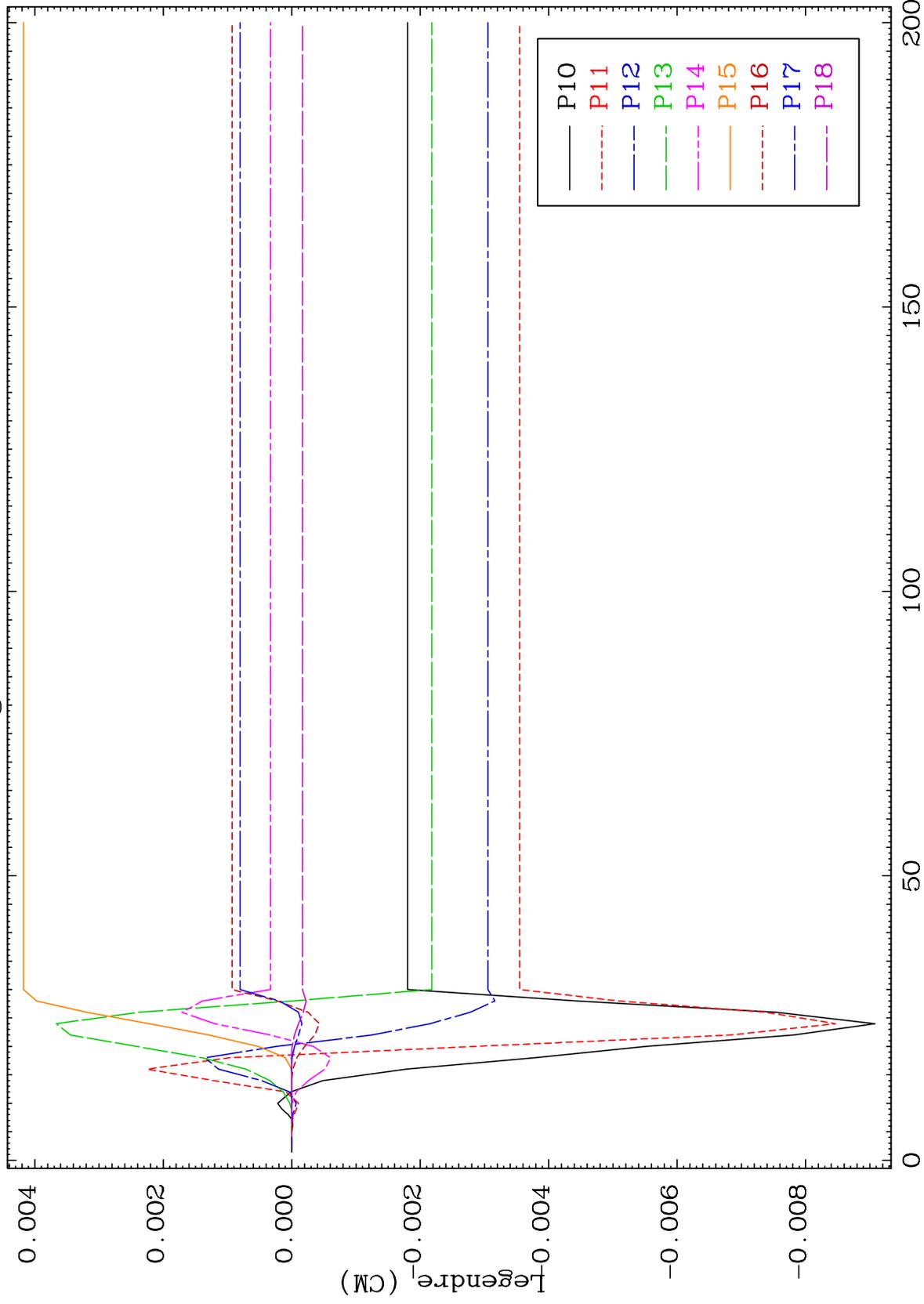
Incident Energy (MeV)

42

MAT 5807

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

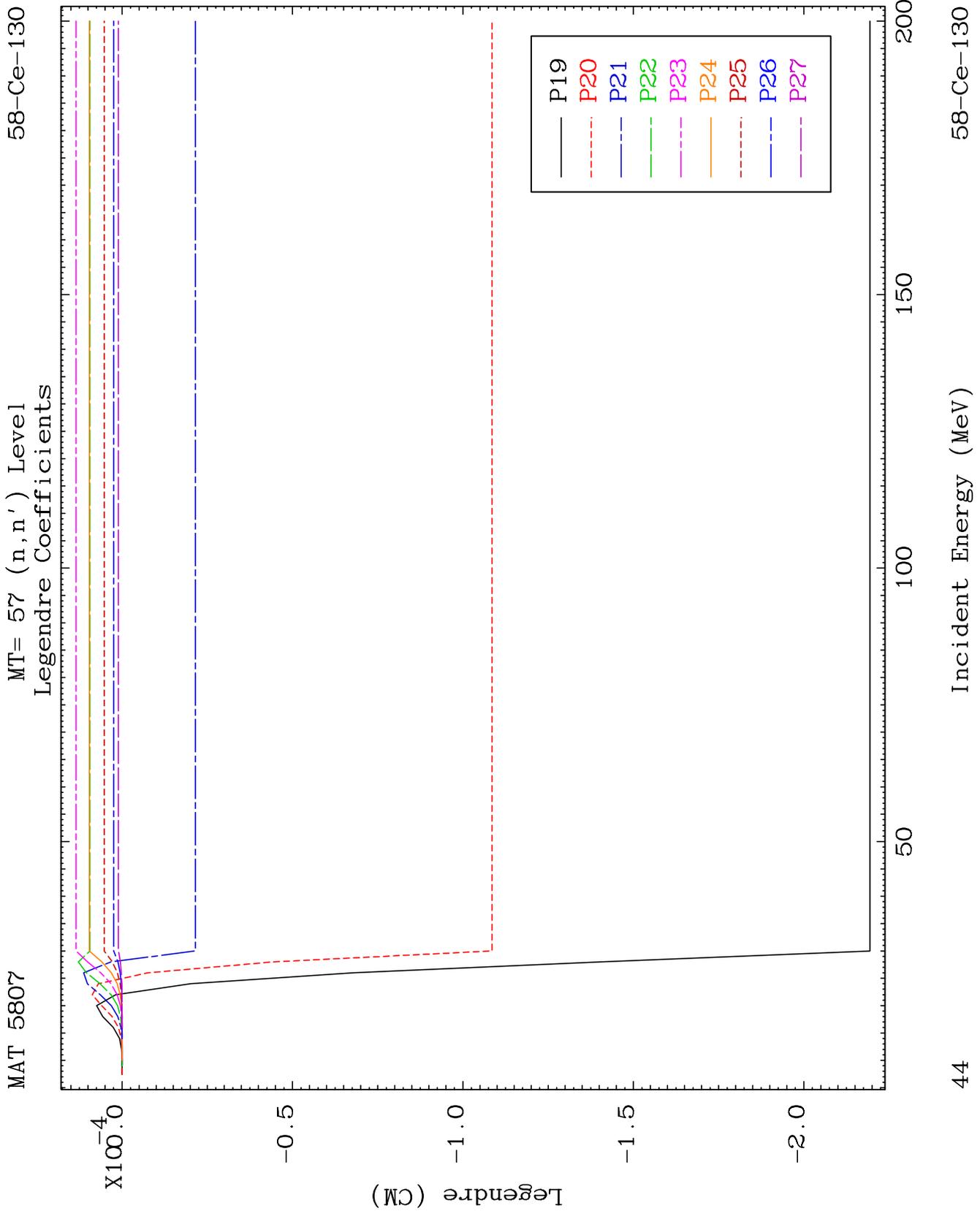
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Incident Energy (MeV)

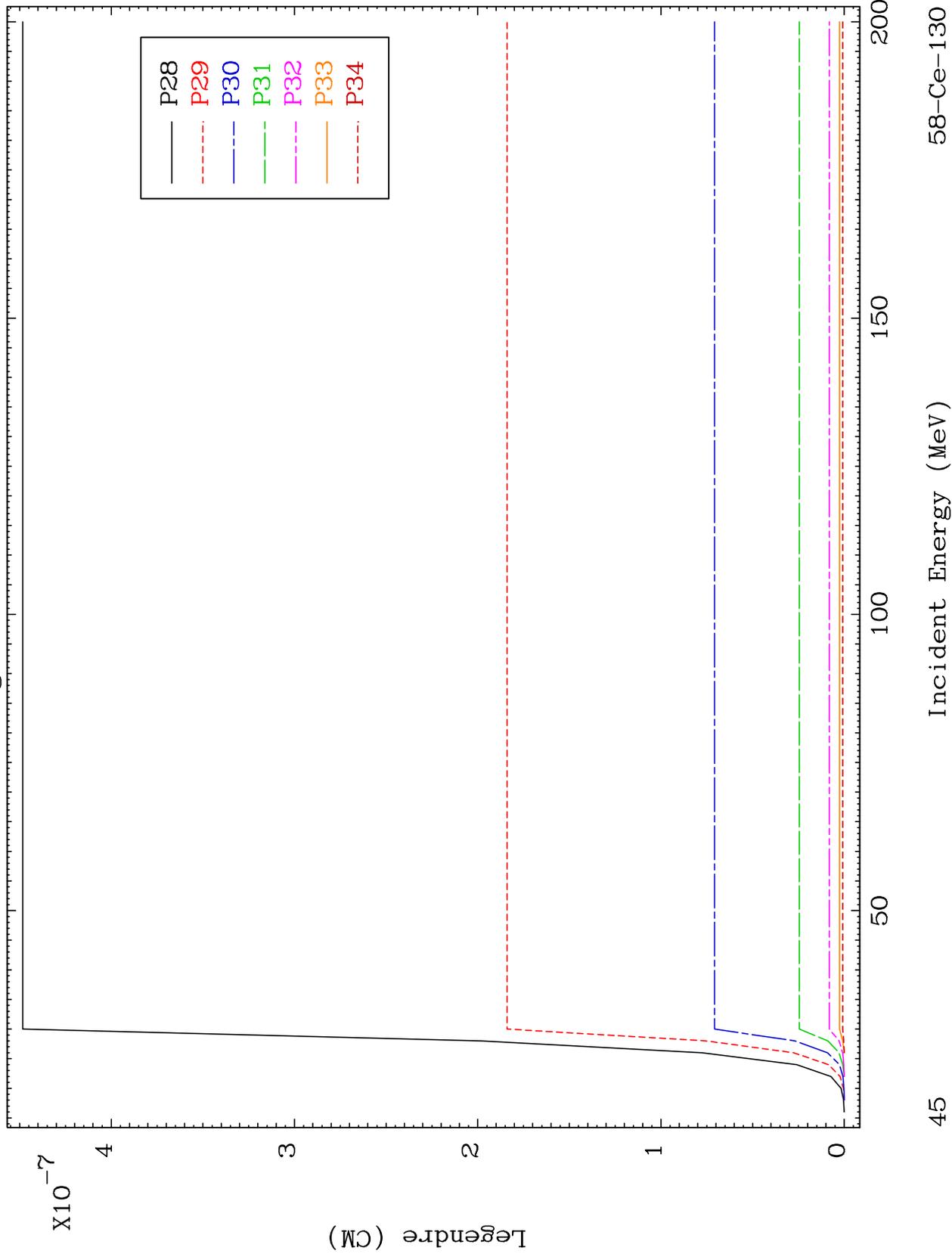
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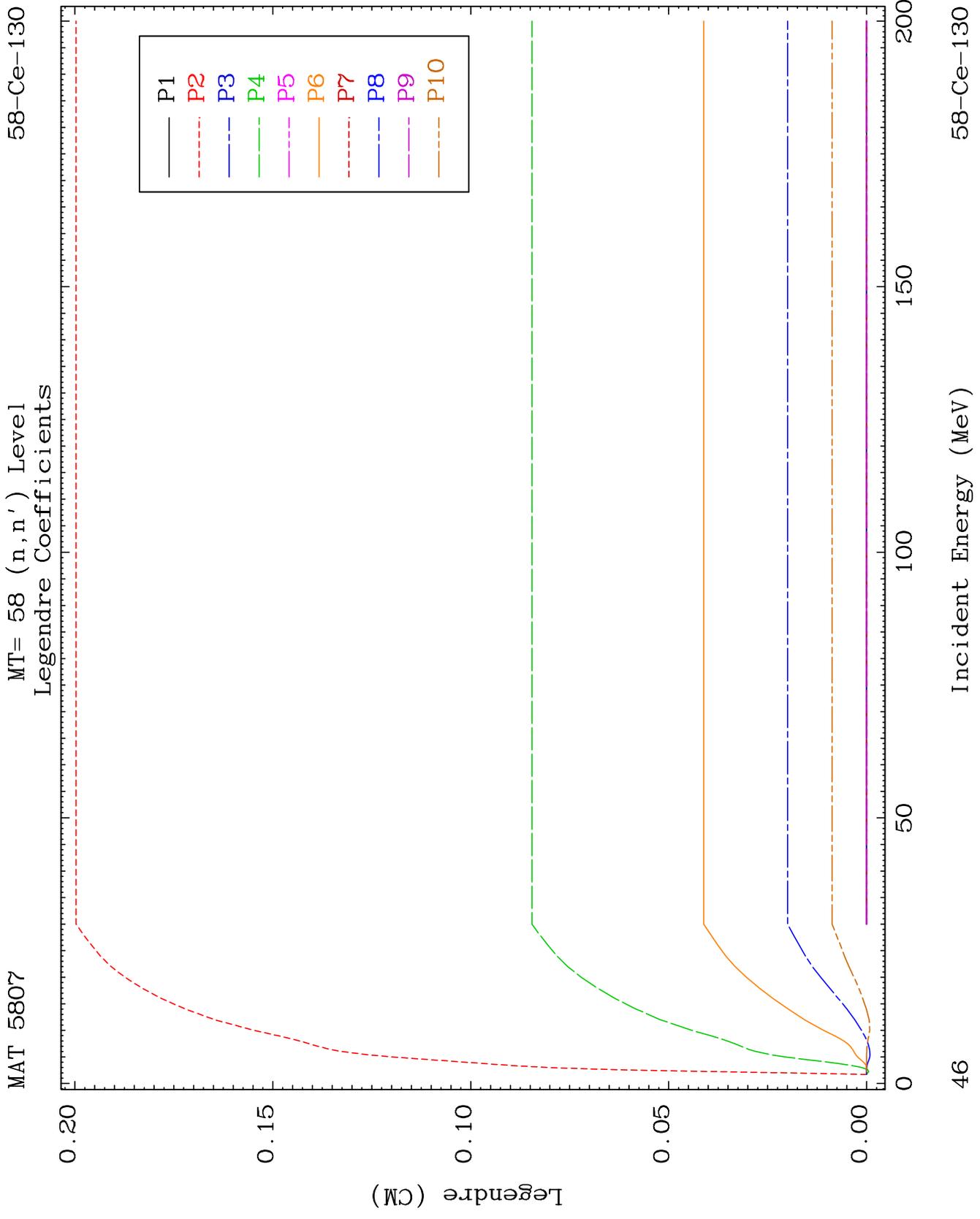


MAT 5807

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

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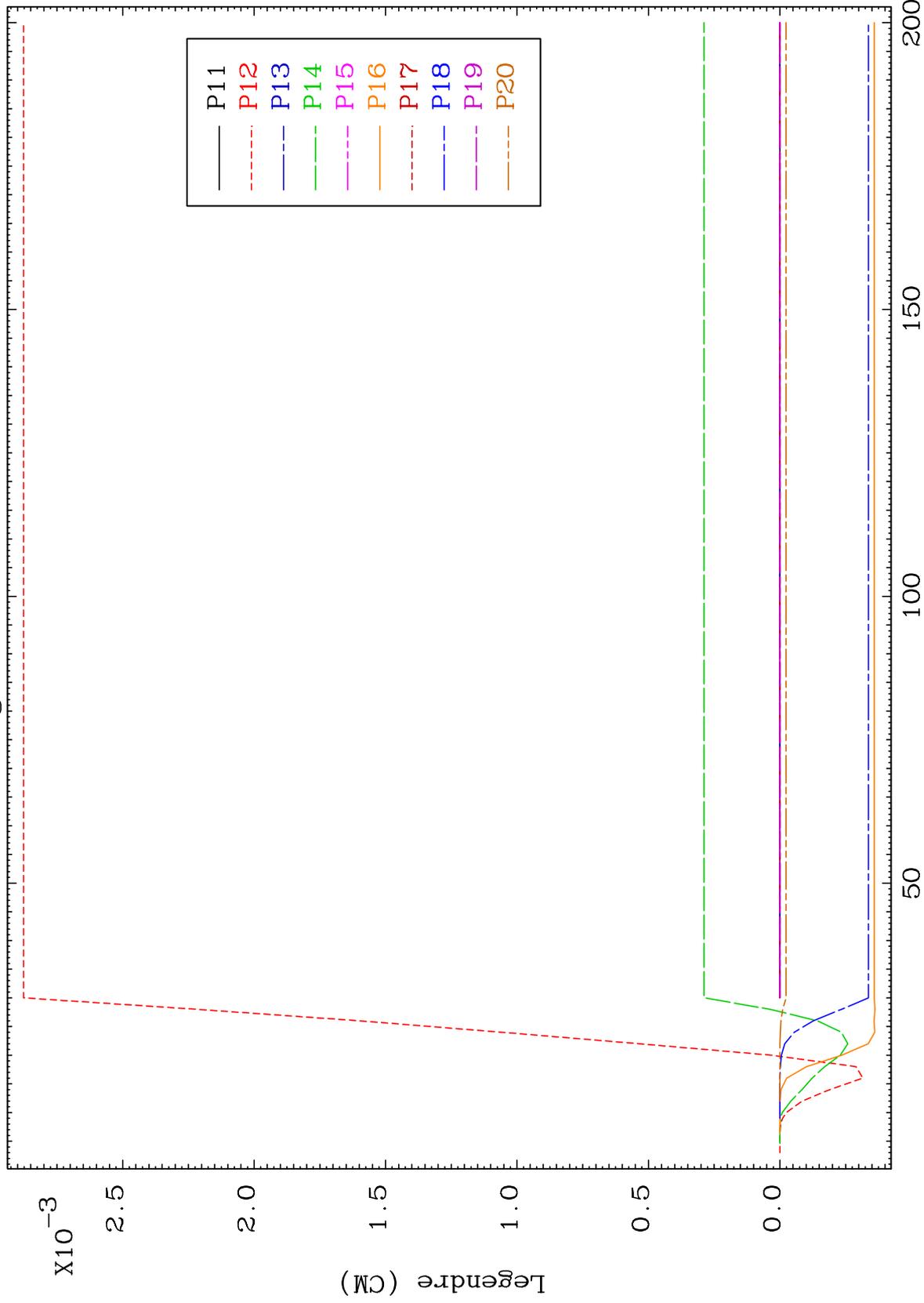




MAT 5807

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

58-Ce-130



47

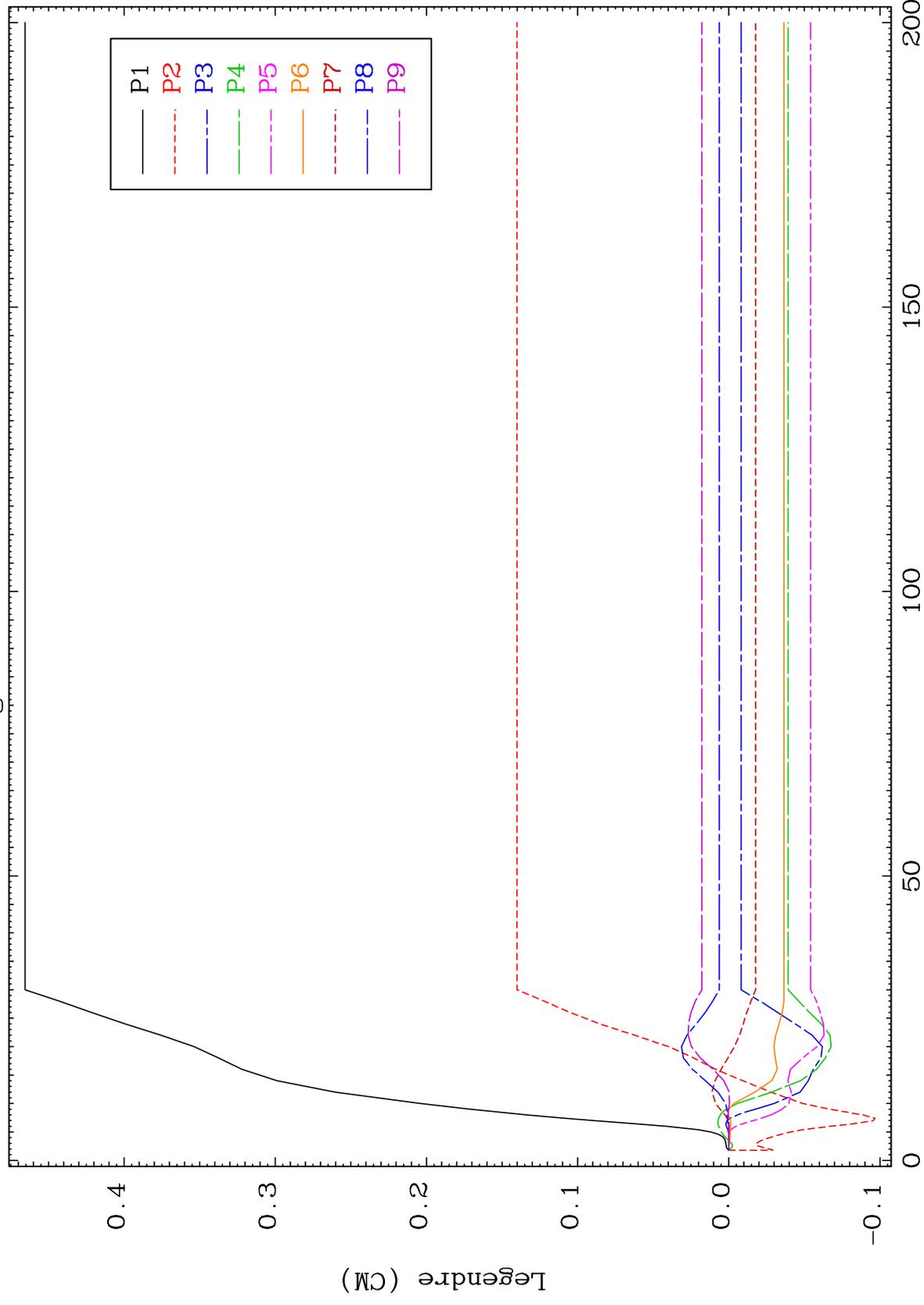
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



49

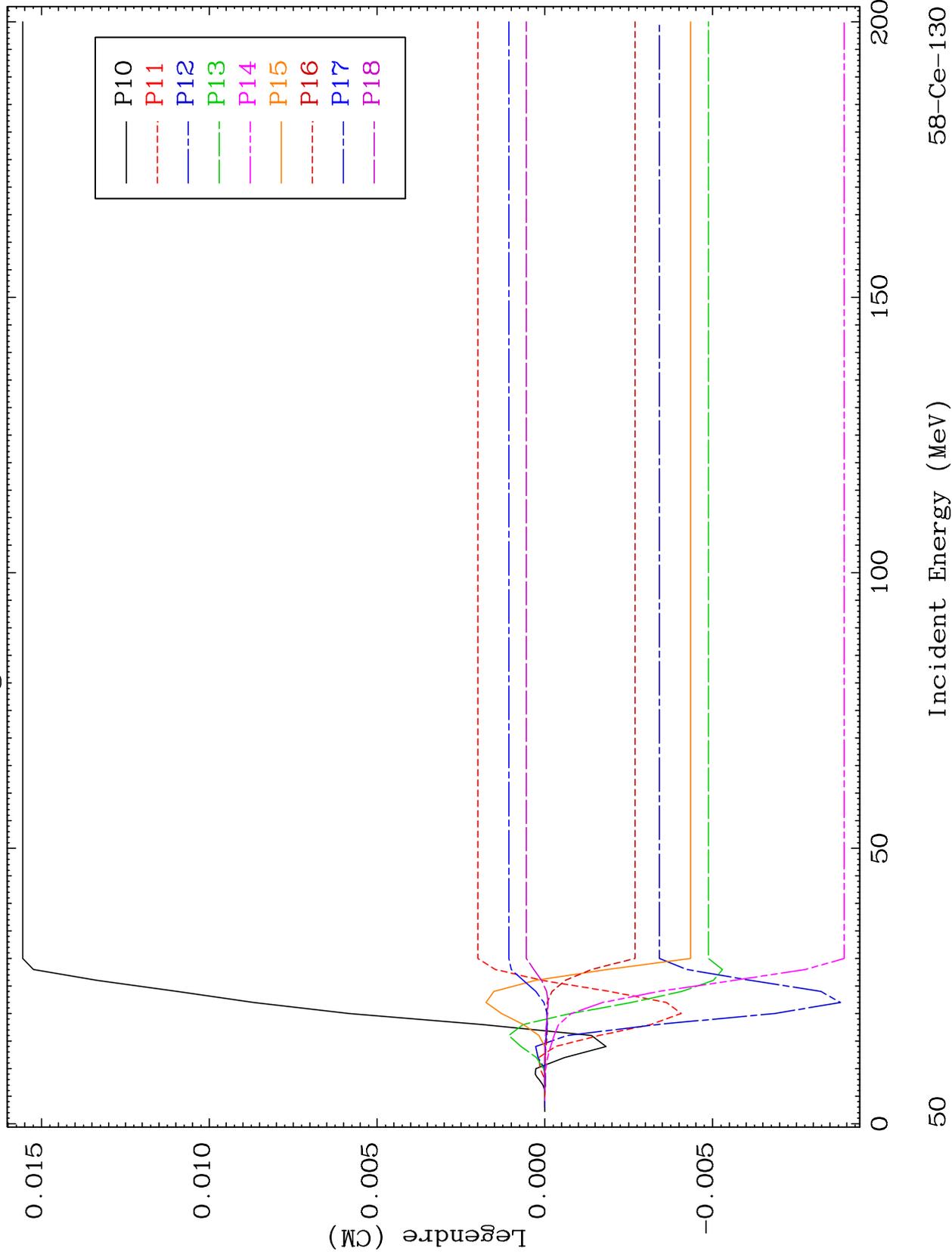
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

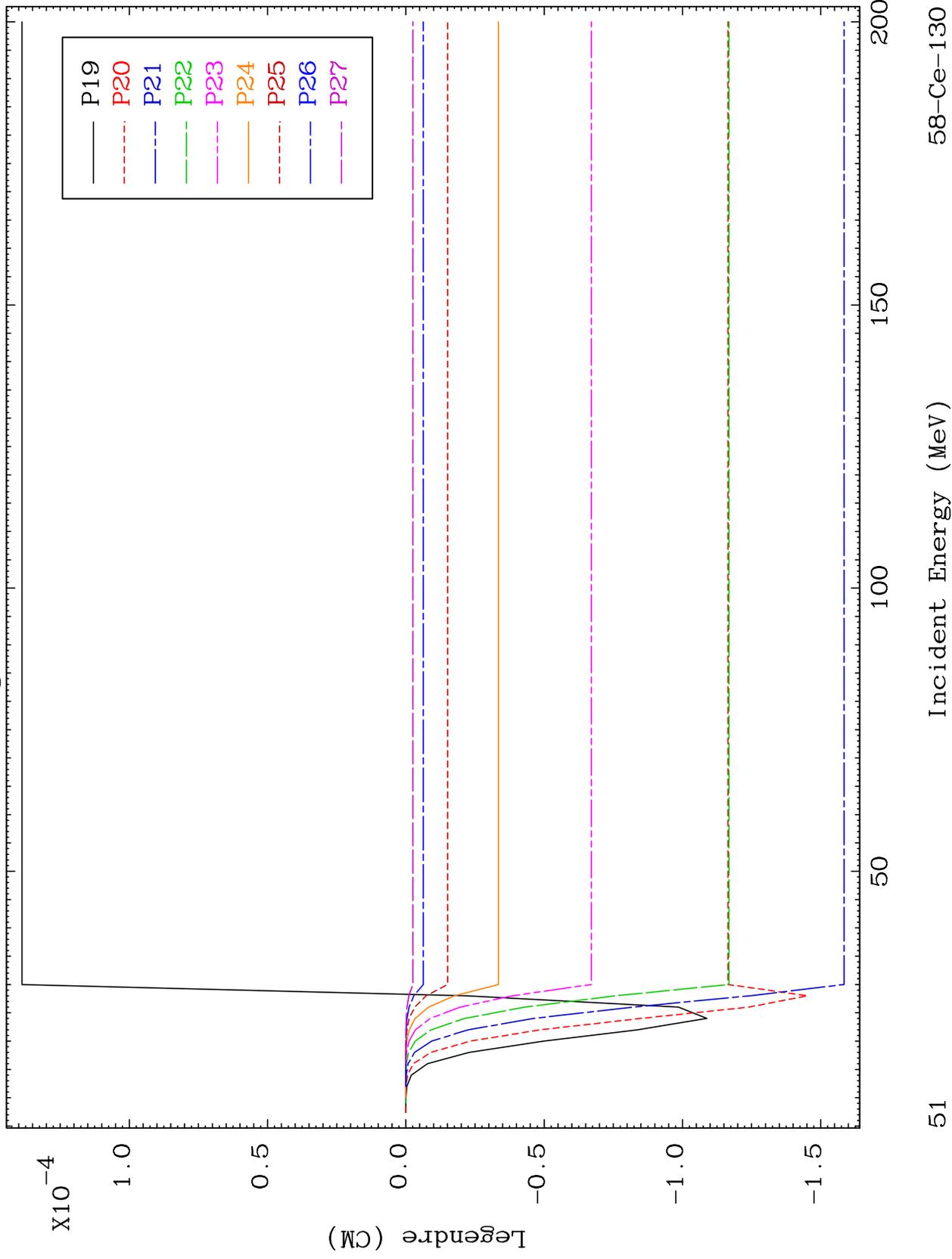
Incident Energy (MeV)

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MAT 5807

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

58-Ce-130



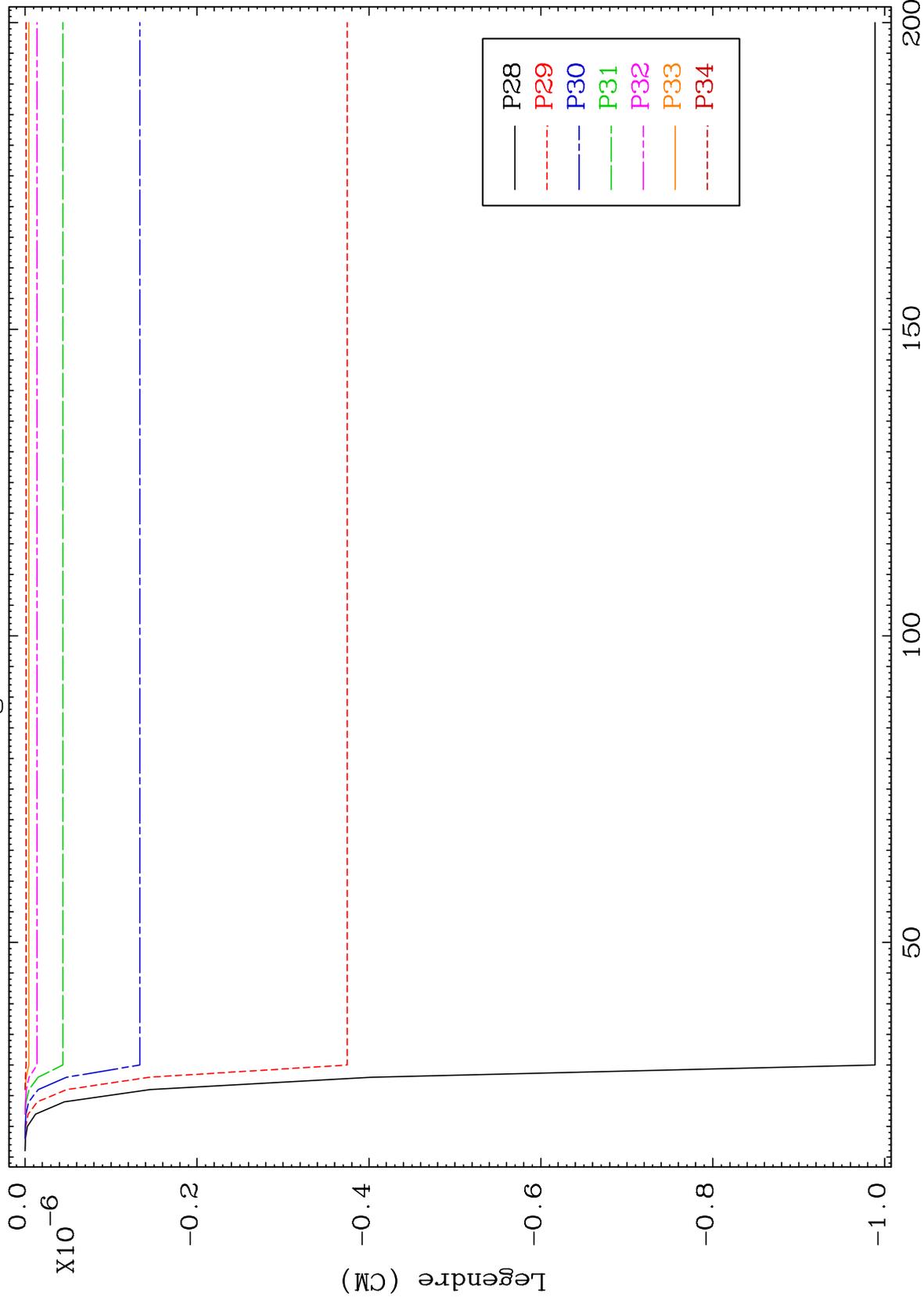
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58-Ce-130

MAT 5807

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

58-Ce-130



52

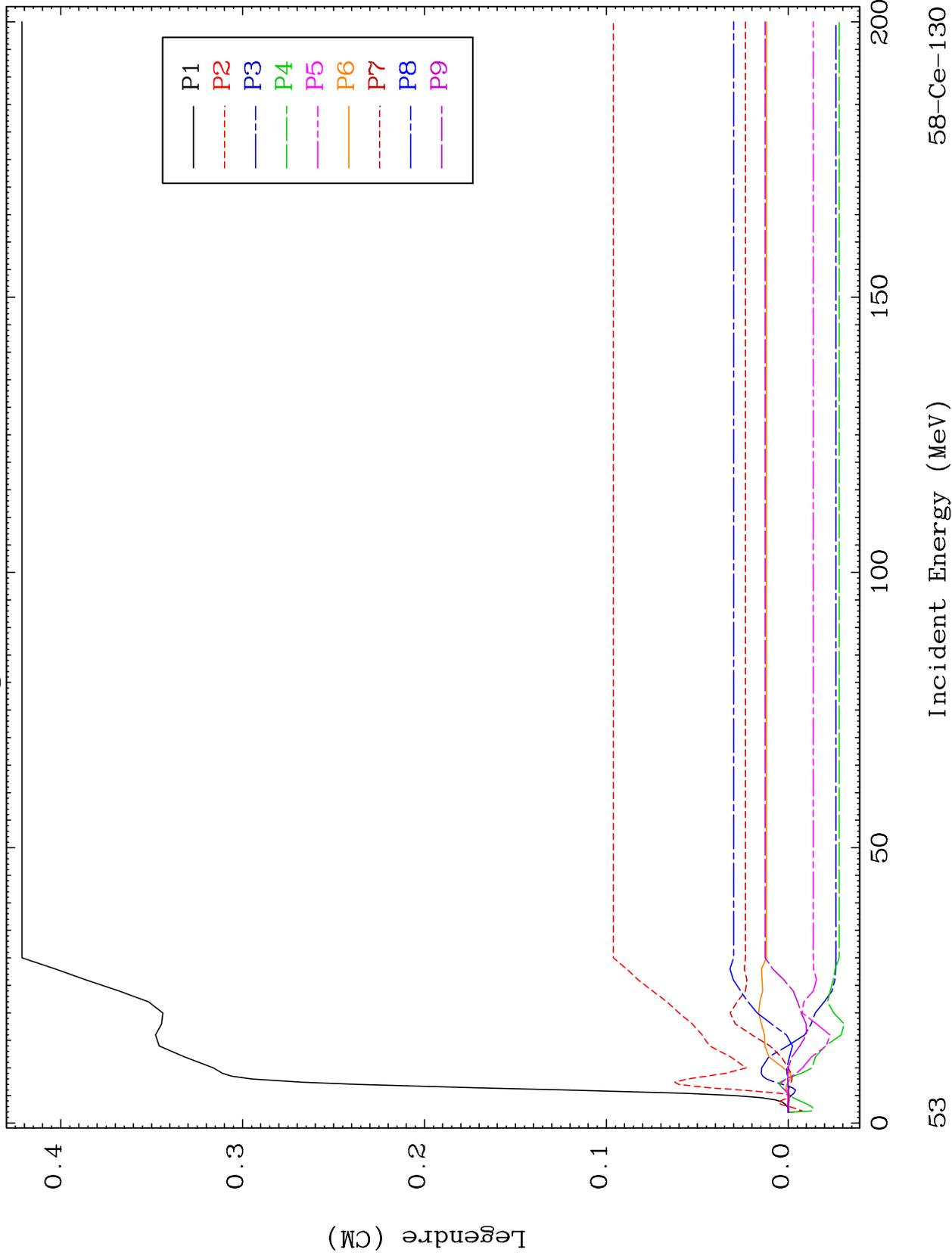
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58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

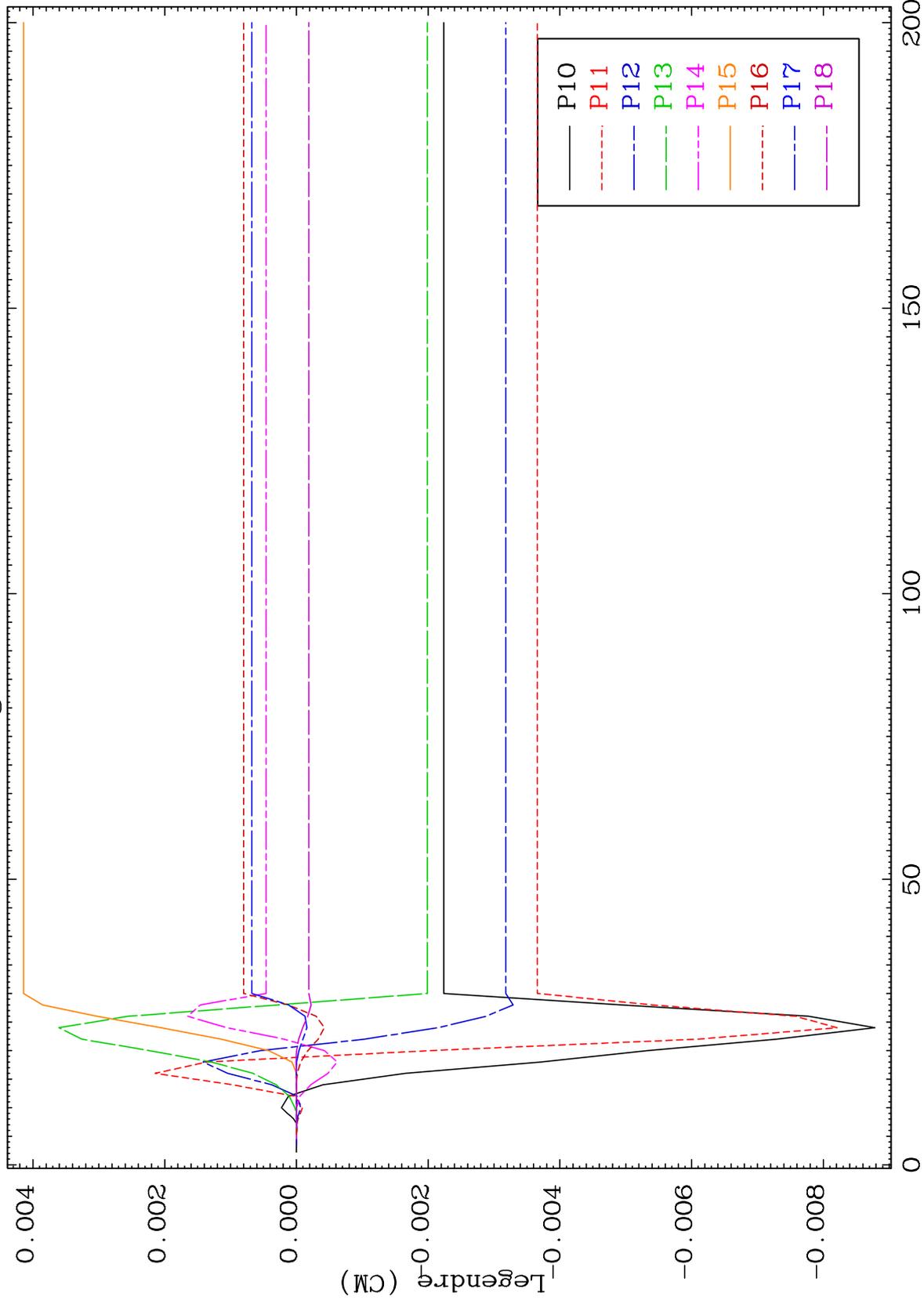
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MAT 5807

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

58-Ce-130



54

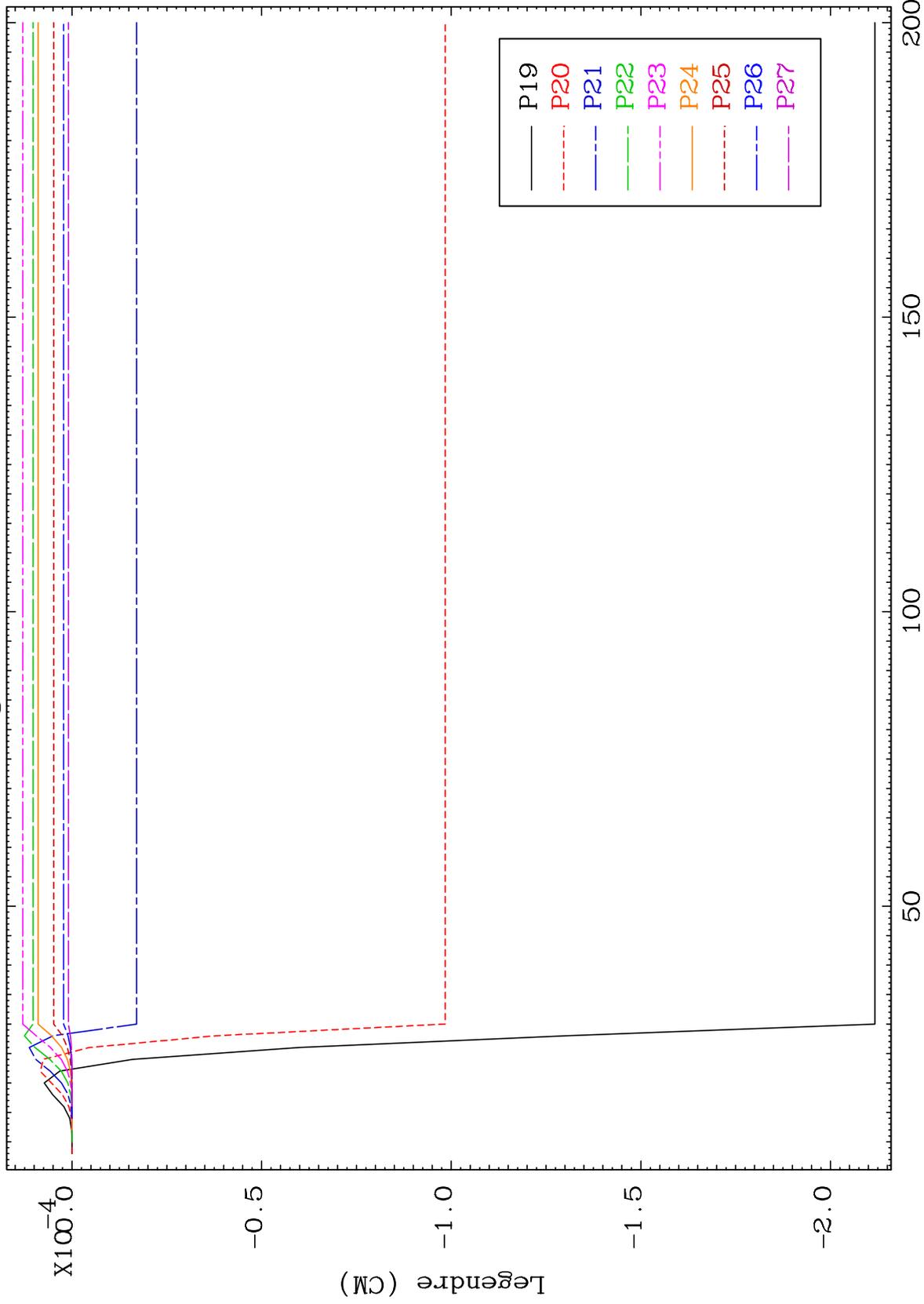
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



55

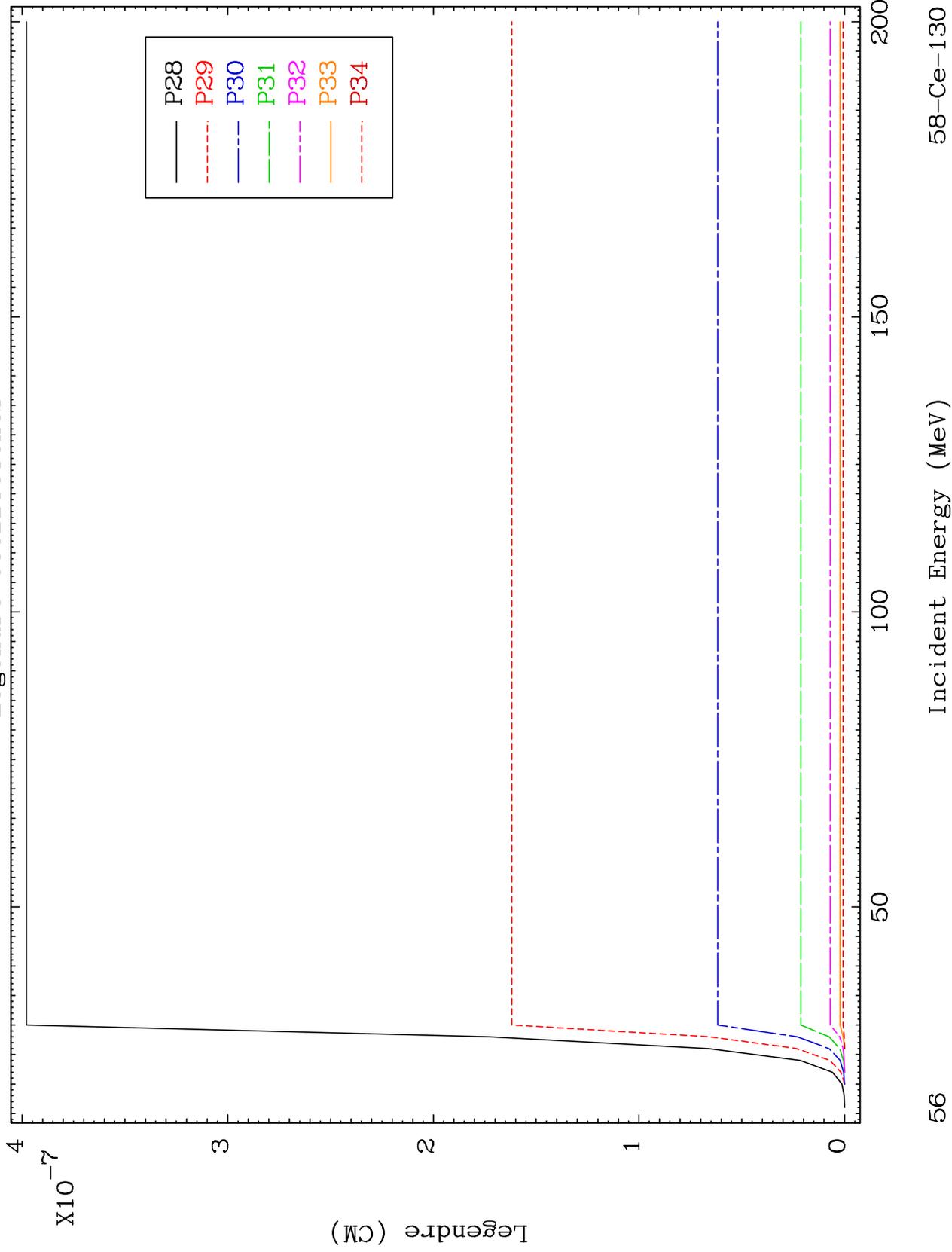
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

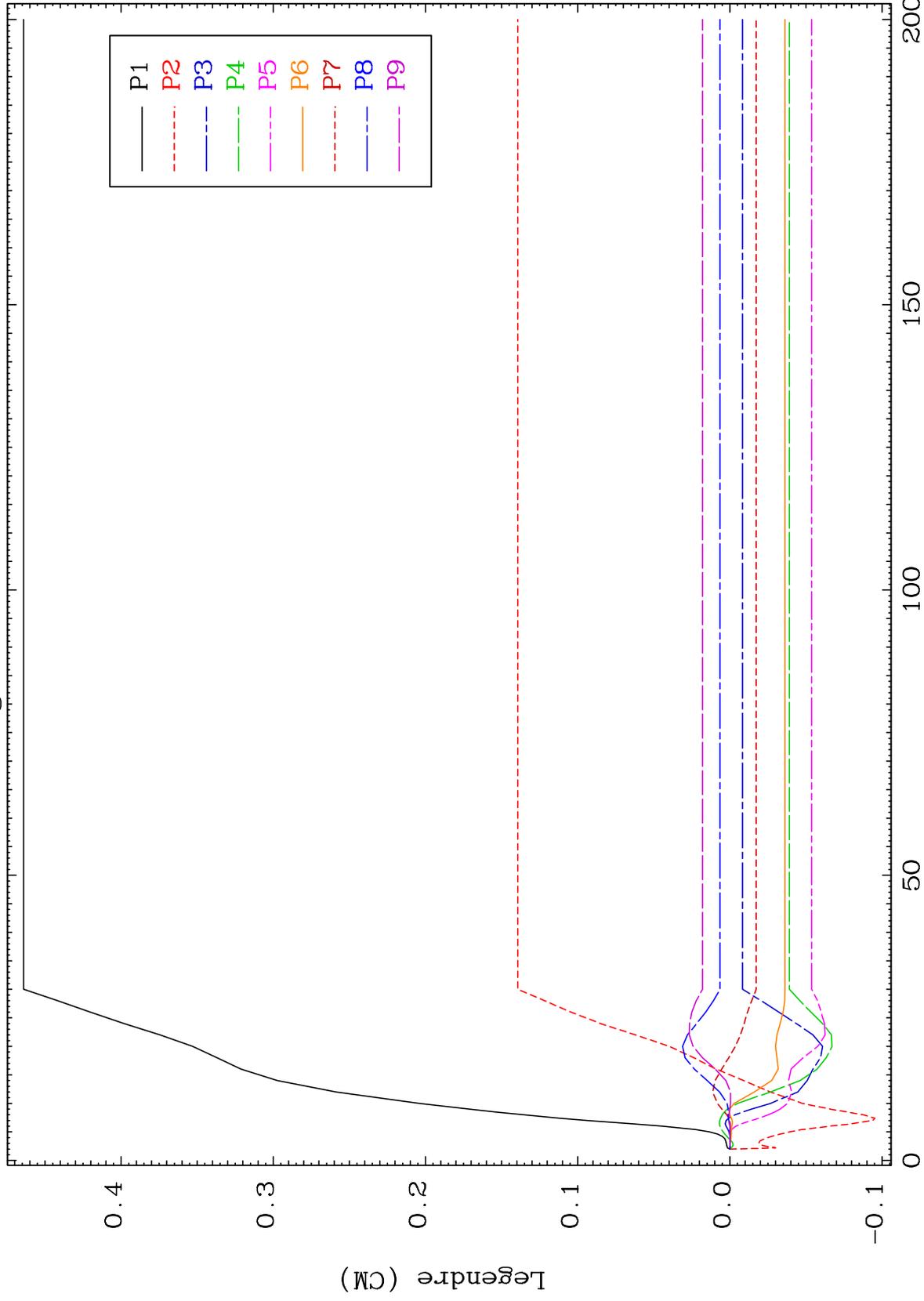
58-Ce-130



MAT 5807

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

58-Ce-130



57

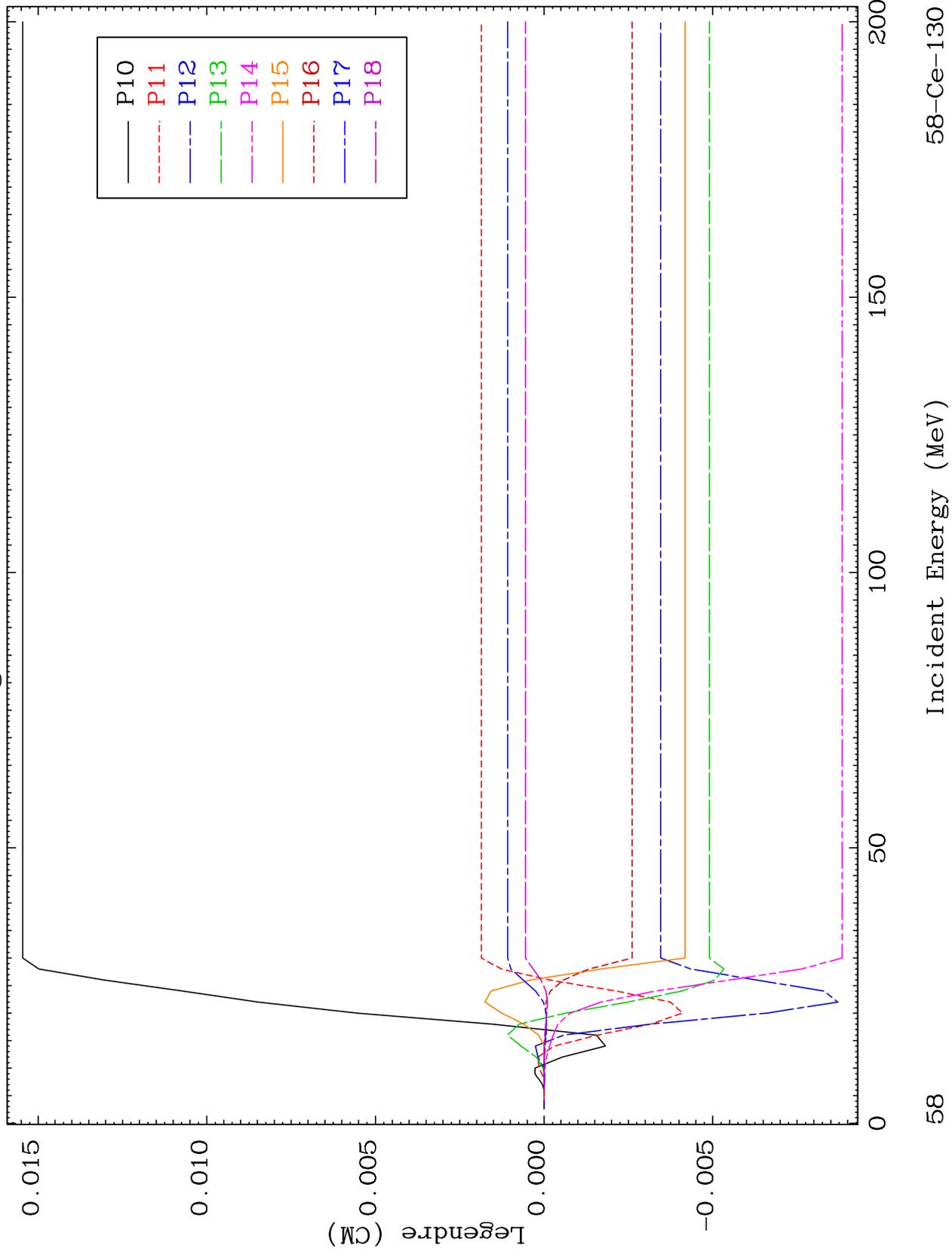
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

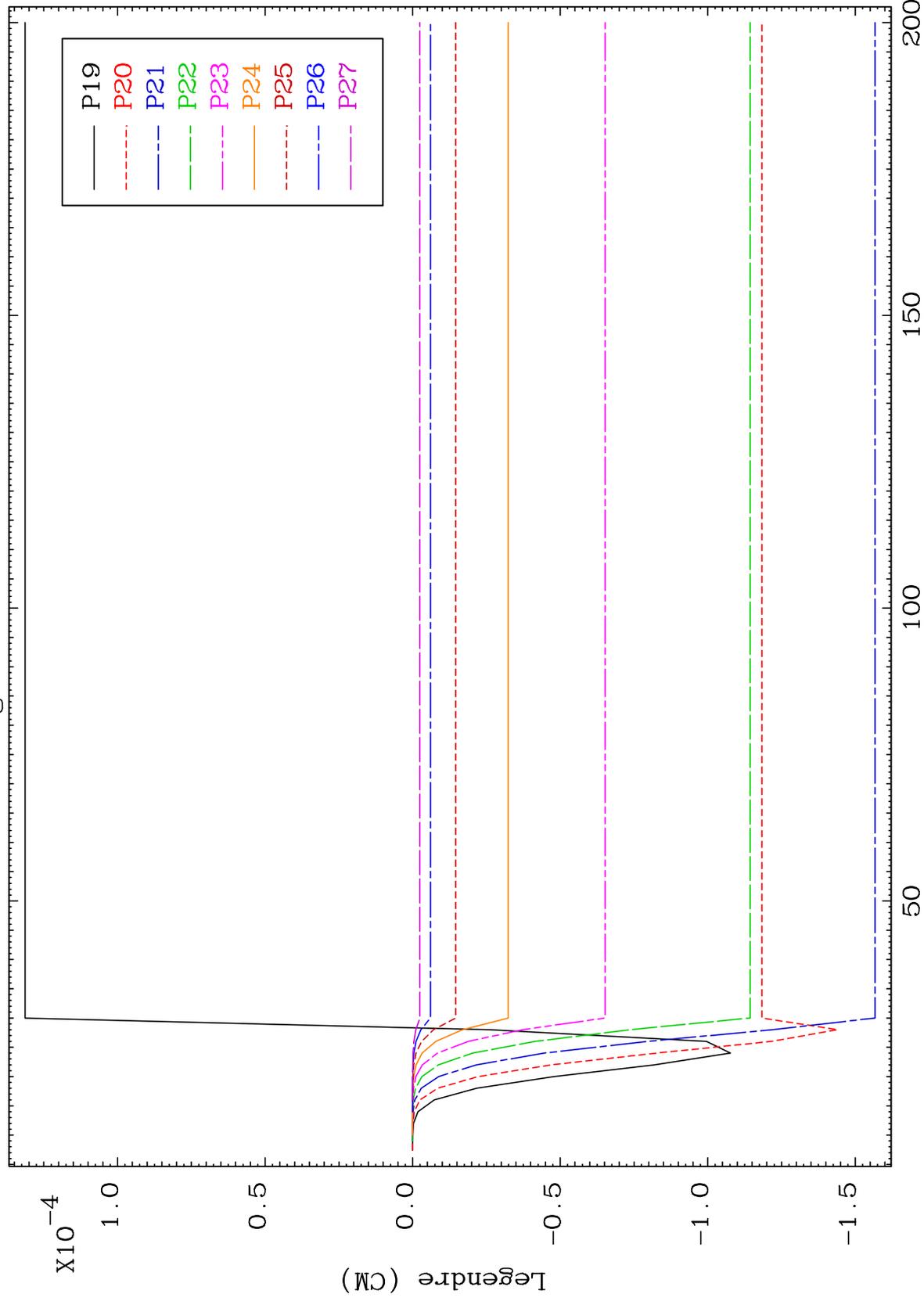
Incident Energy (MeV)

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MAT 5807

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

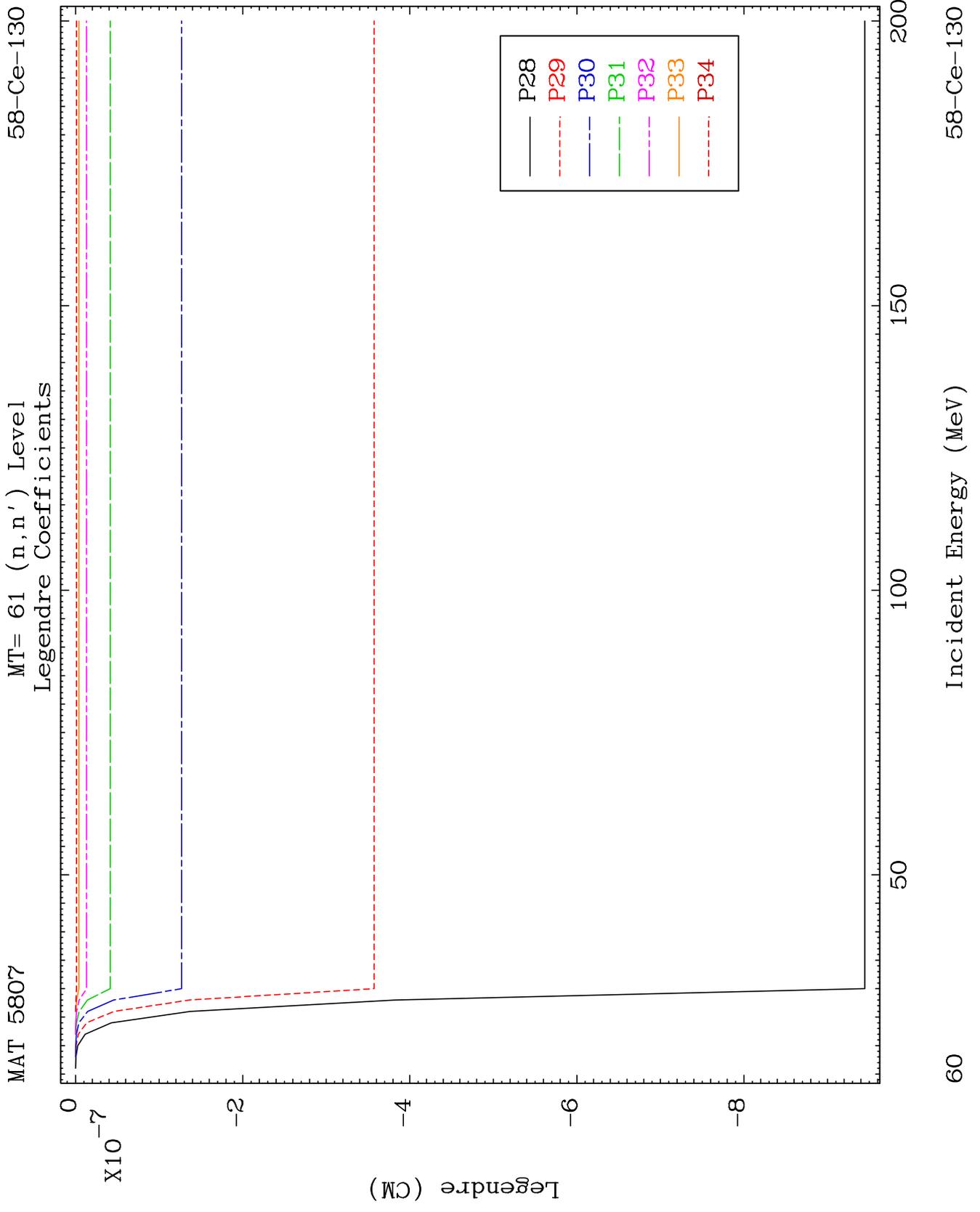
58-Ce-130



59

Incident Energy (MeV)

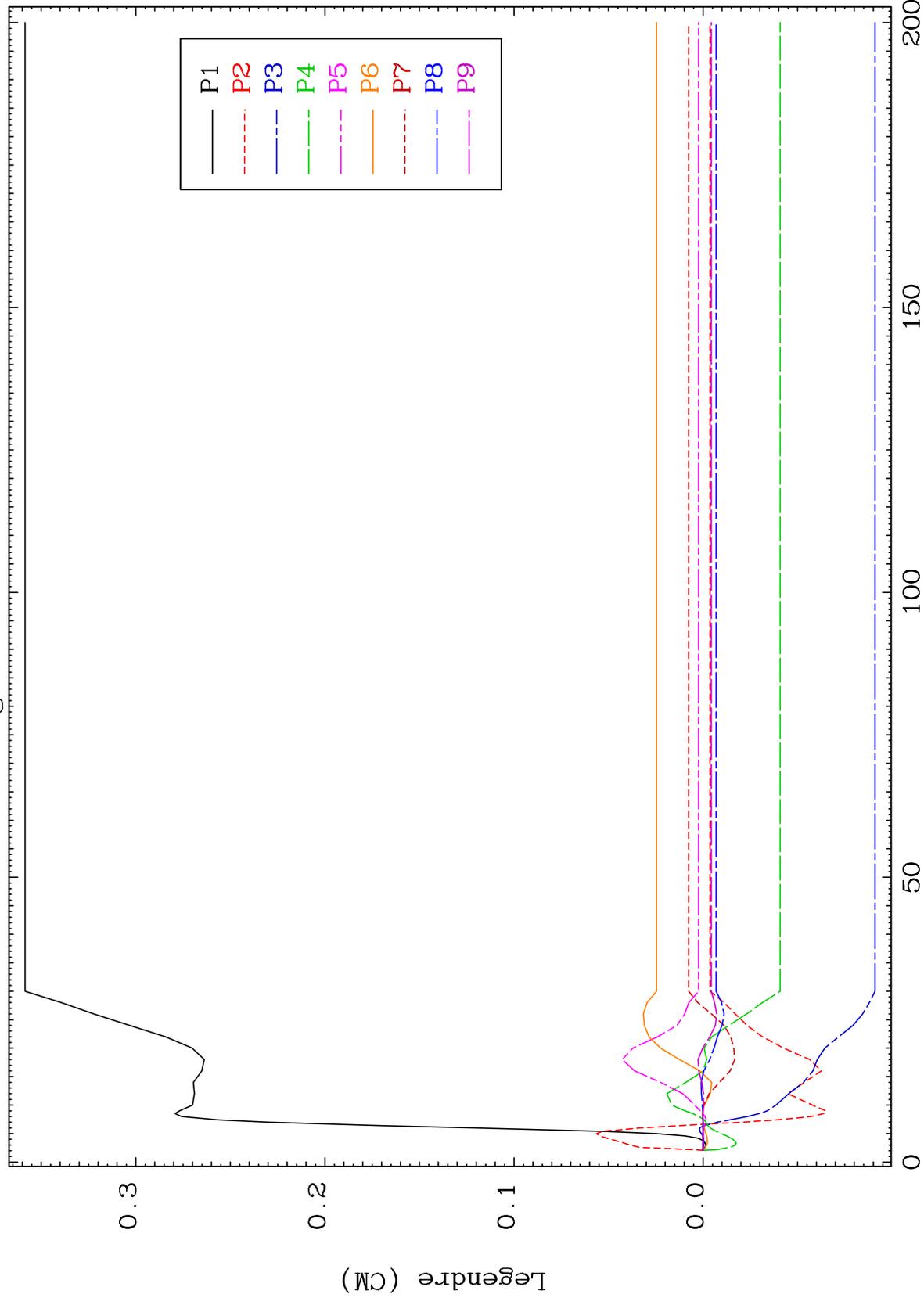
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

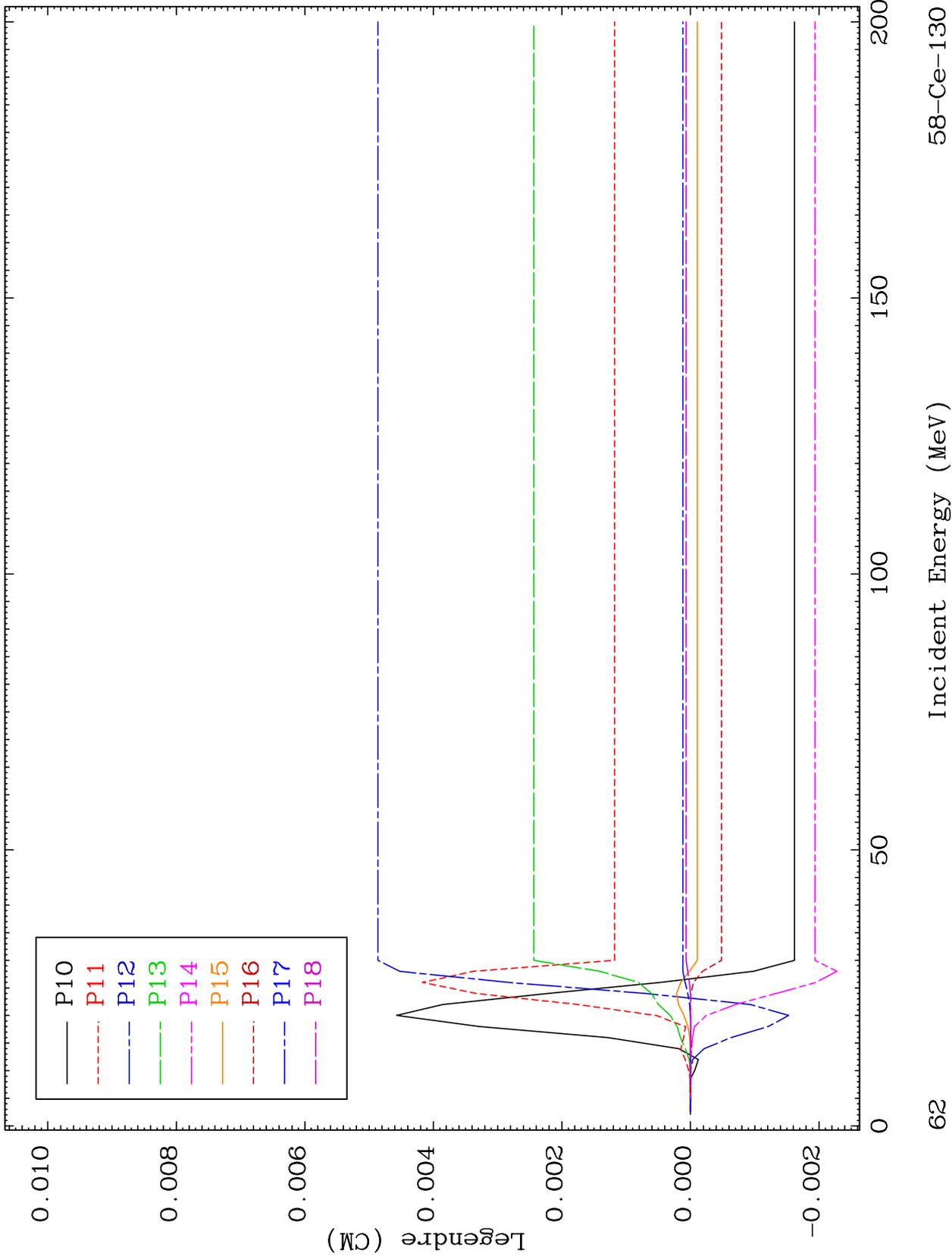
Incident Energy (MeV)

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MAT 5807

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

58-Ce-130



62

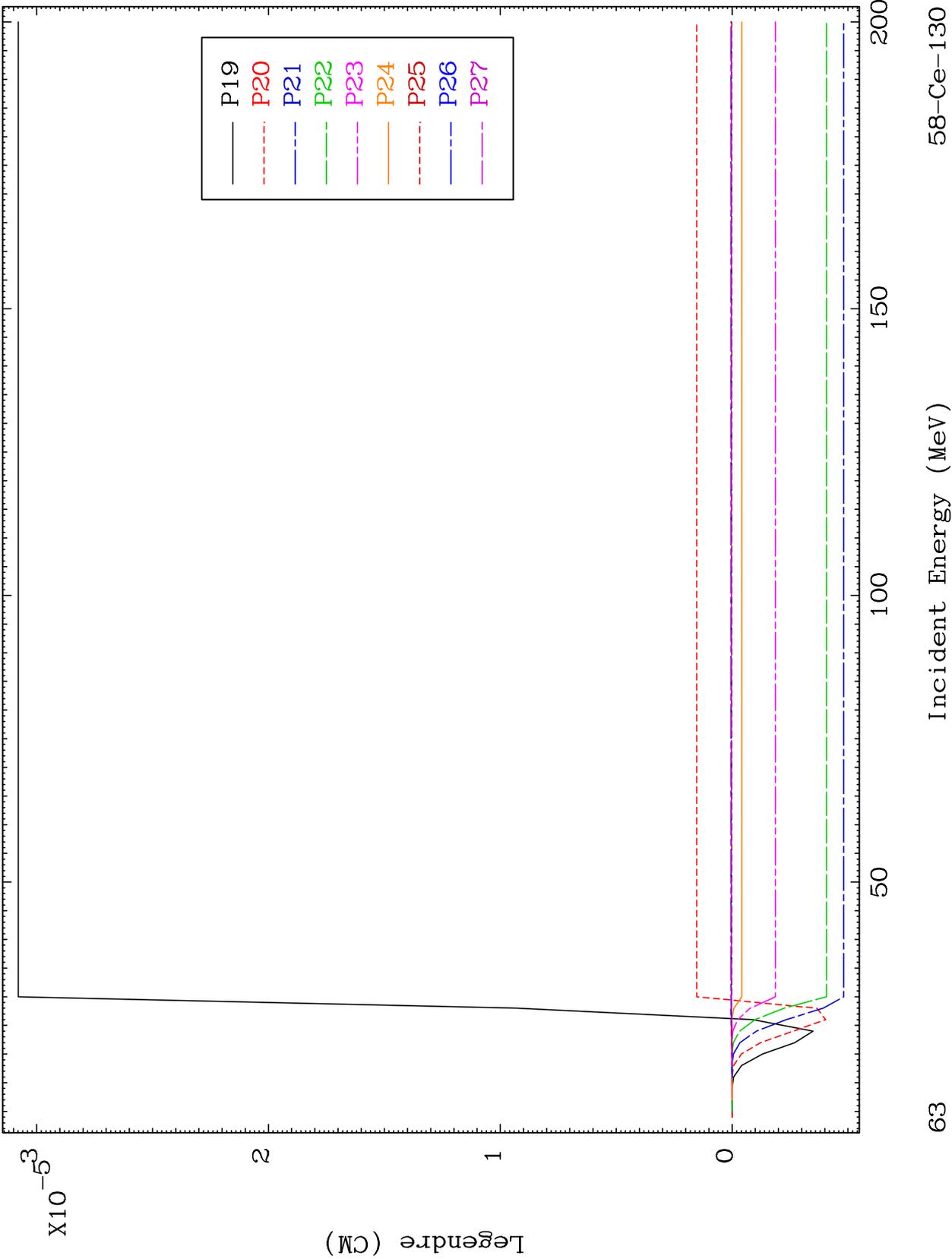
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



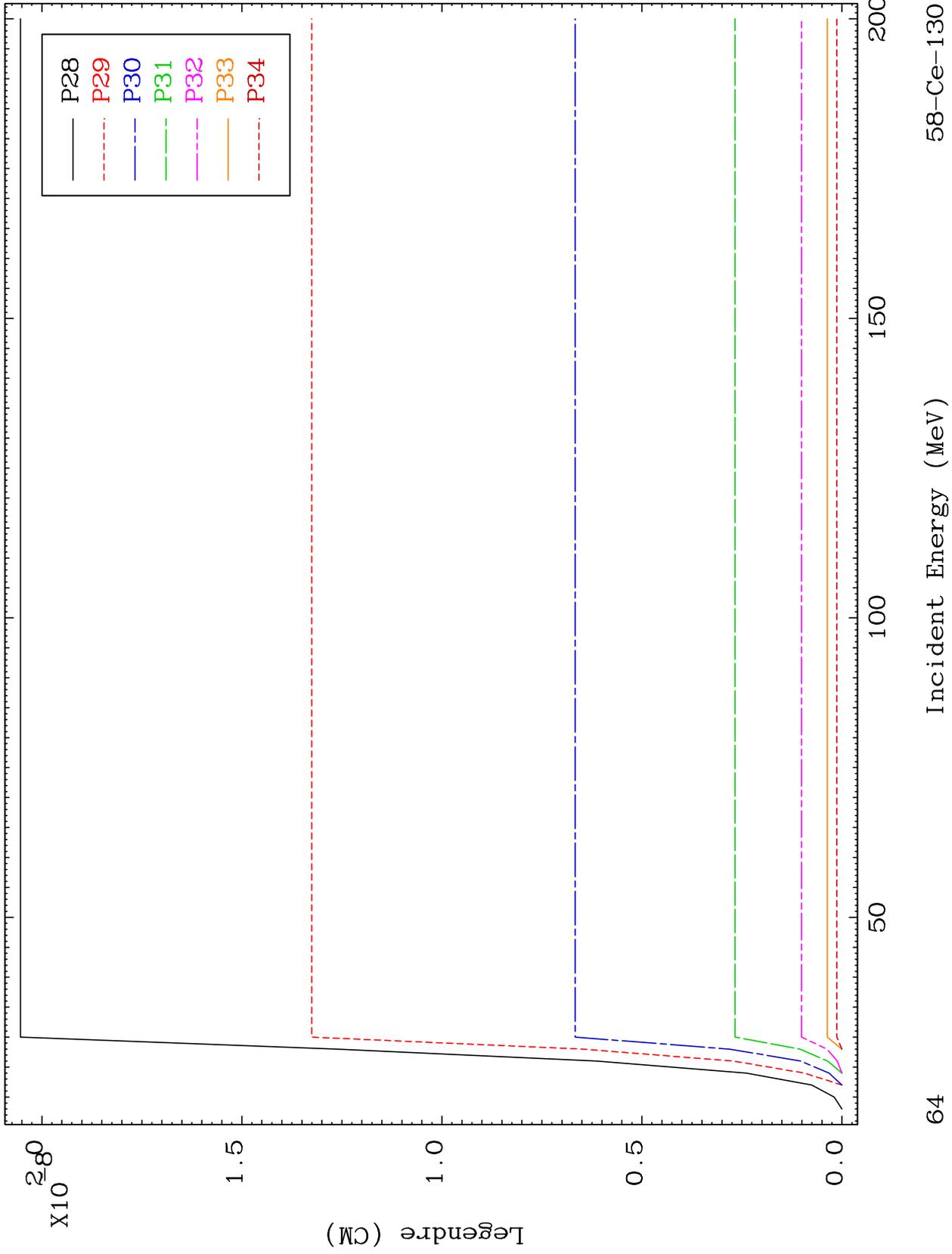
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58-Ce-130

MAT 5807

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

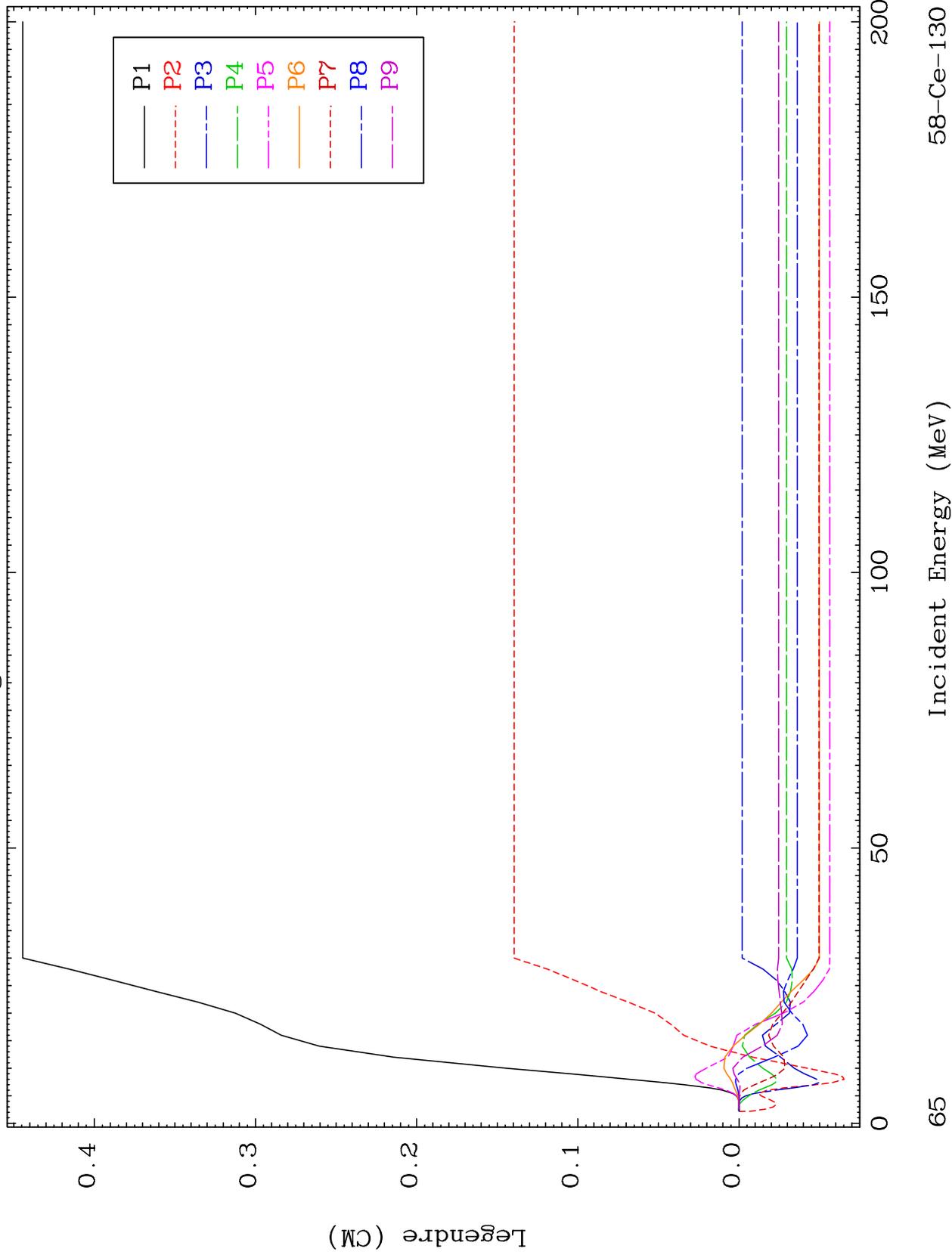
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

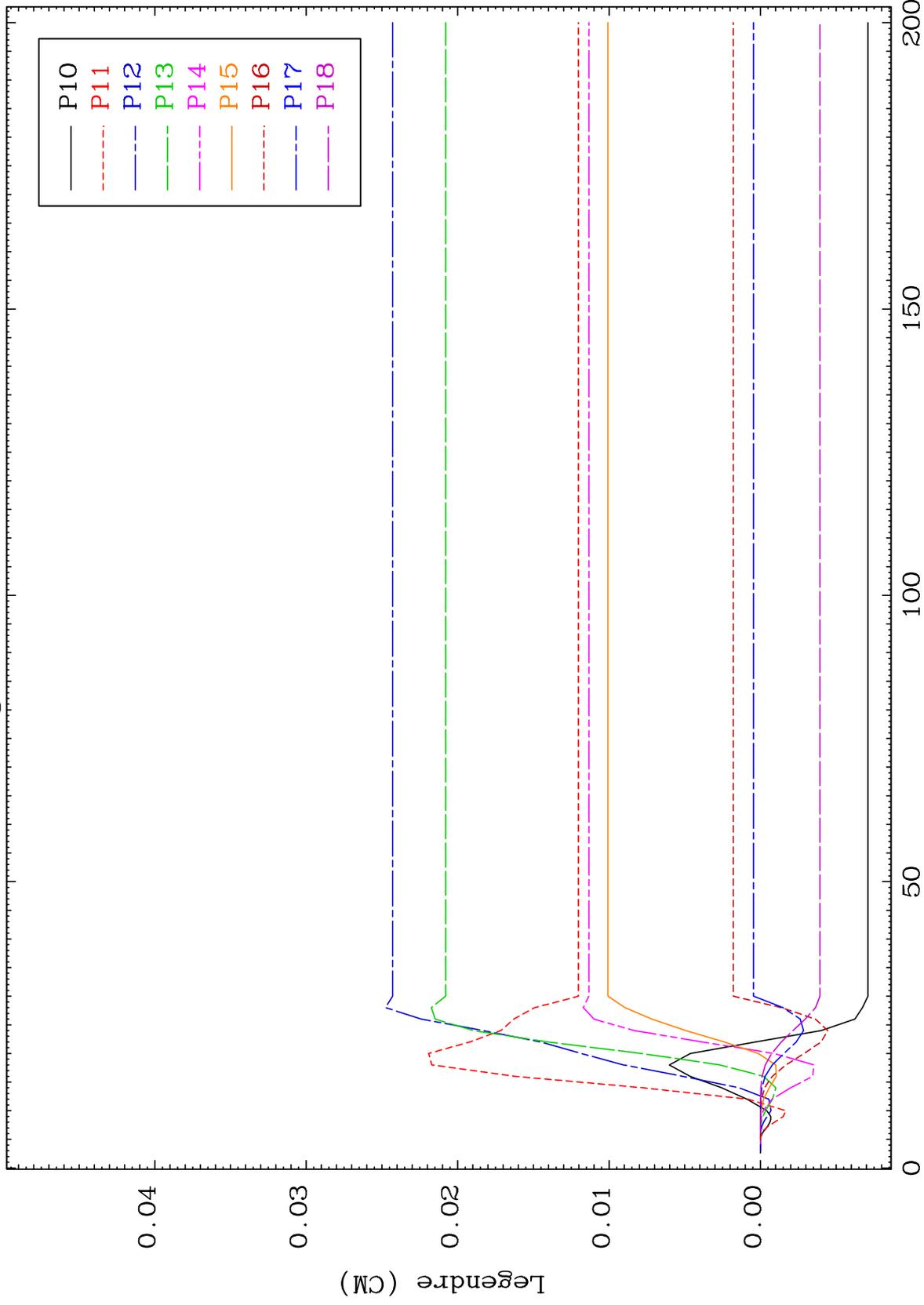
Incident Energy (MeV)

65

MAT 5807

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

58-Ce-130



66

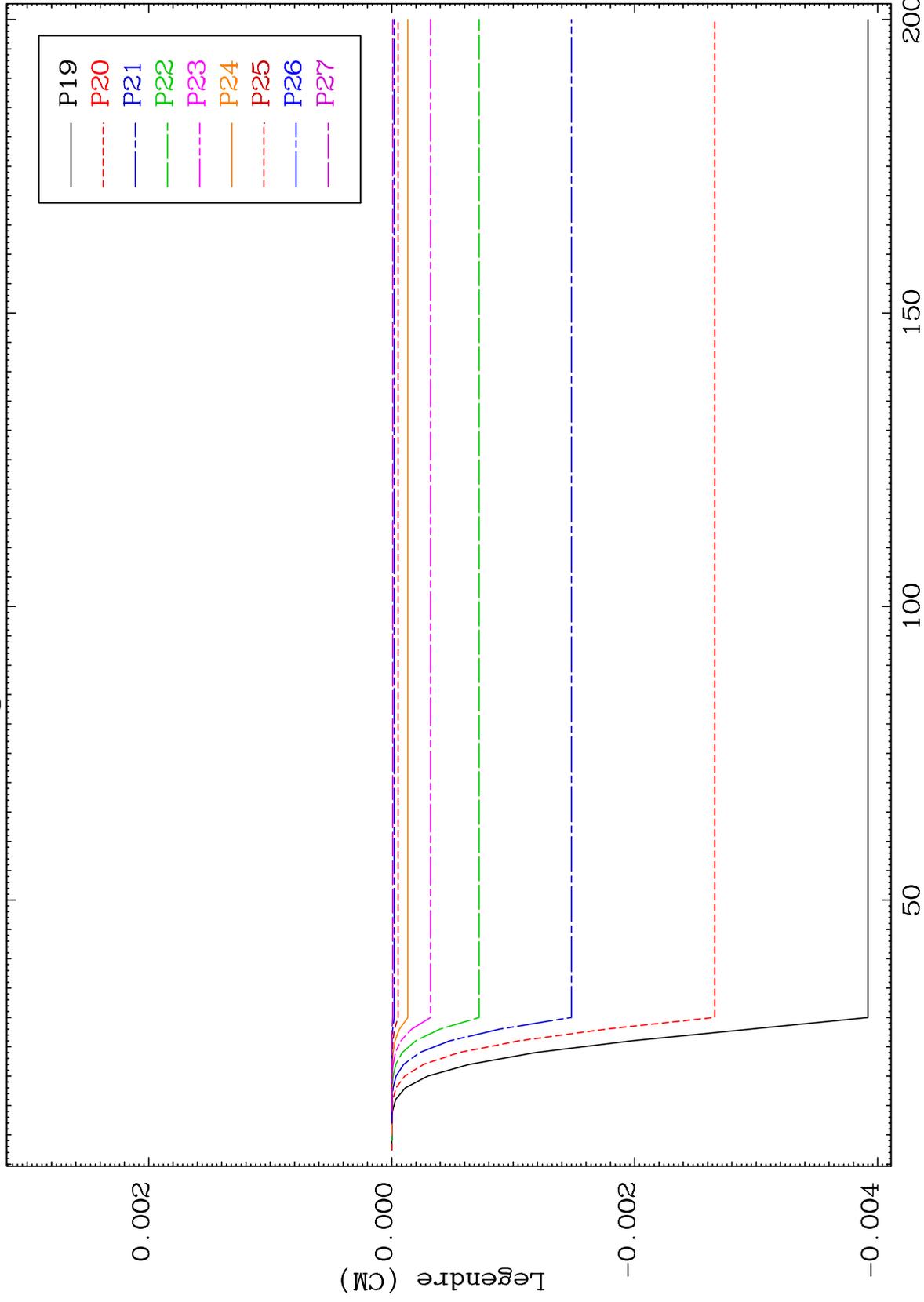
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

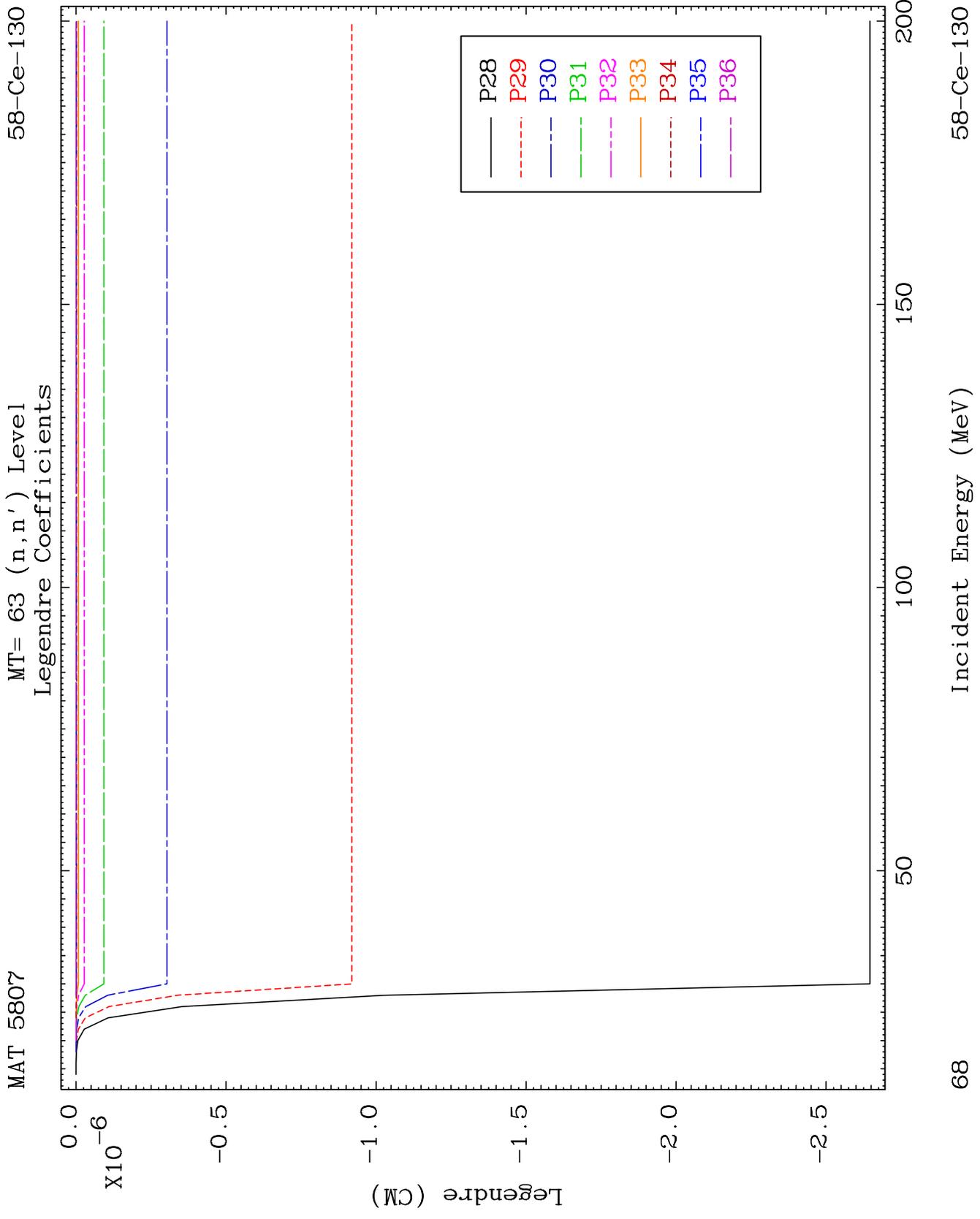
58-Ce-130



67

Incident Energy (MeV)

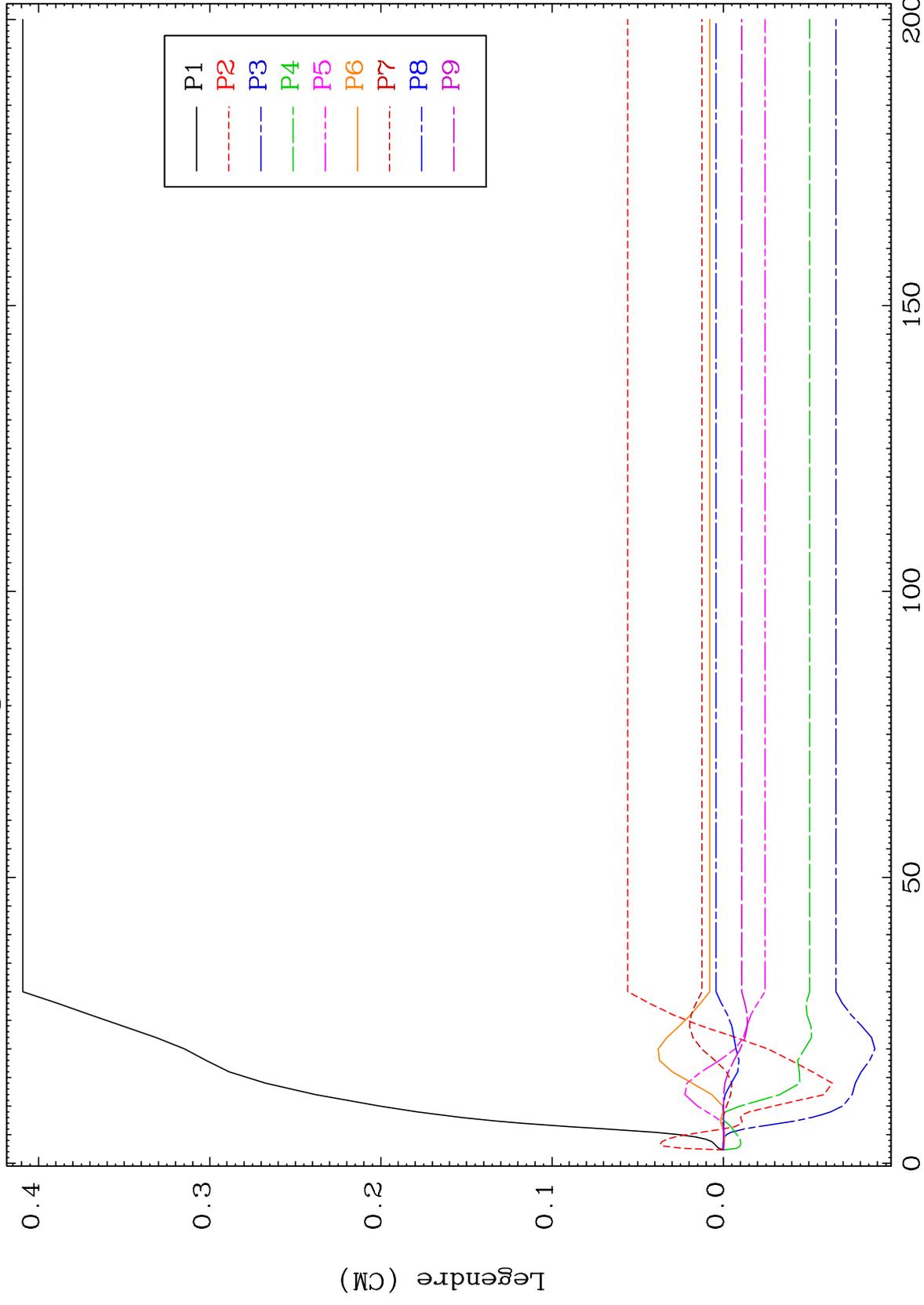
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

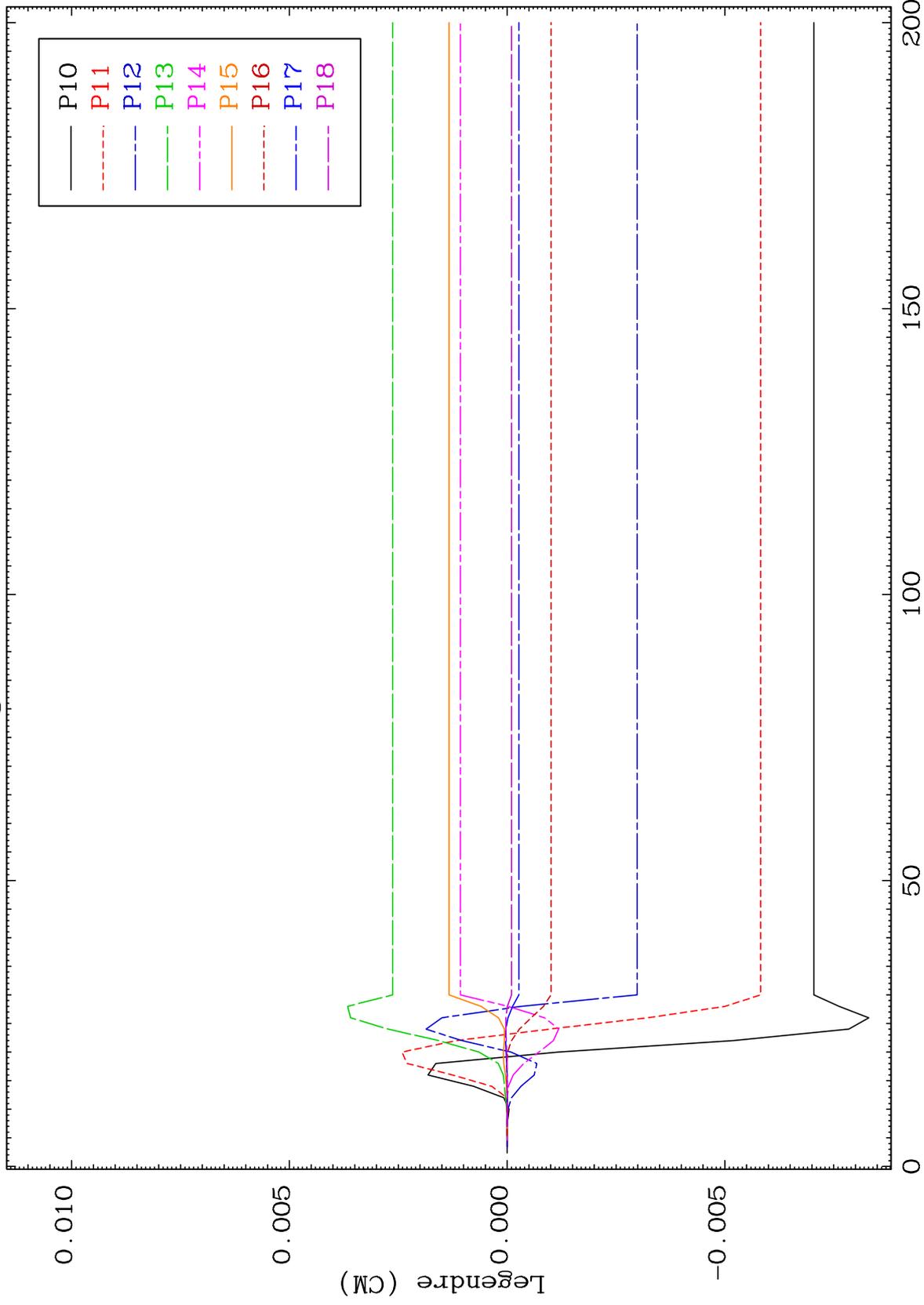
Incident Energy (MeV)

69

MAT 5807

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

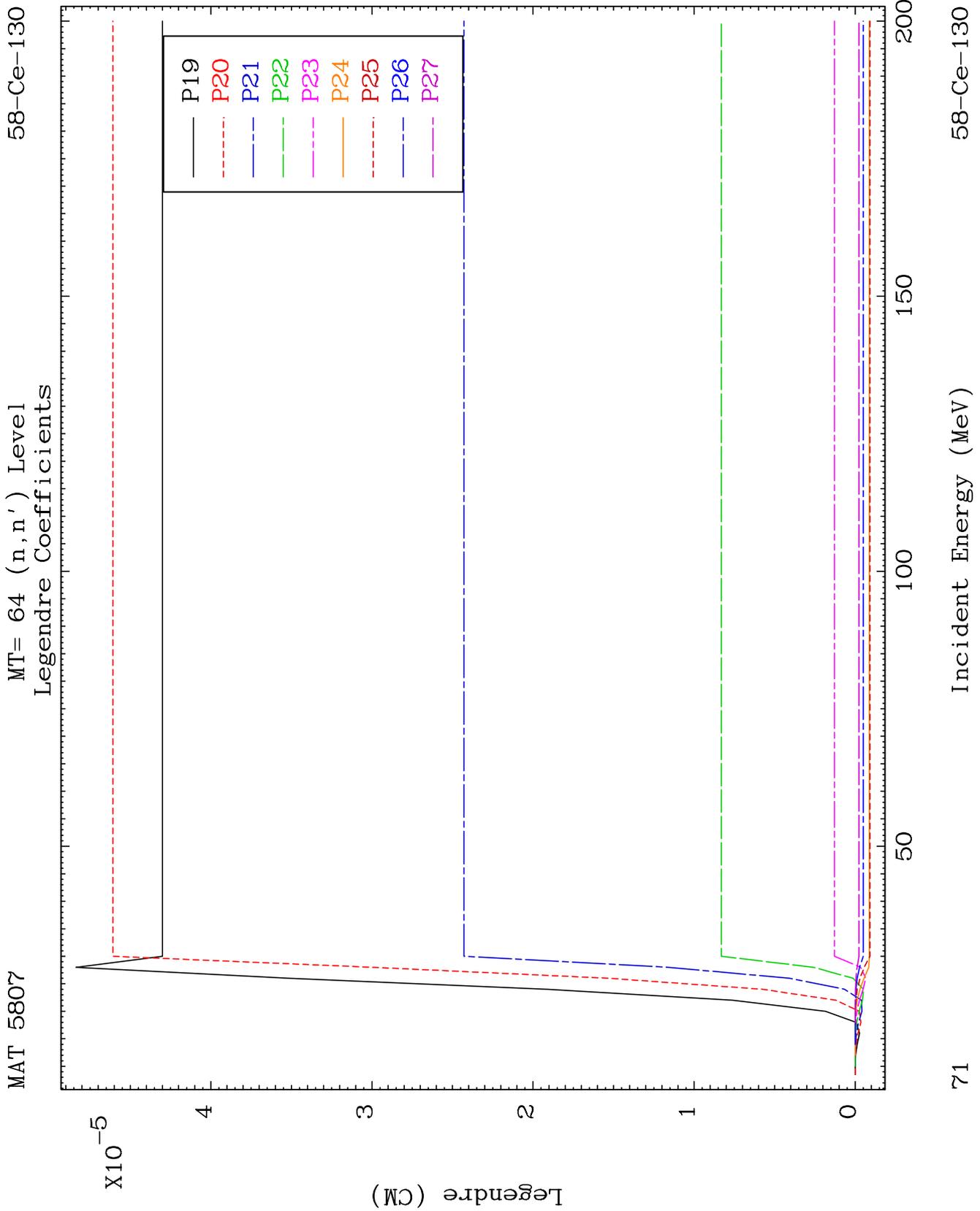
58-Ce-130

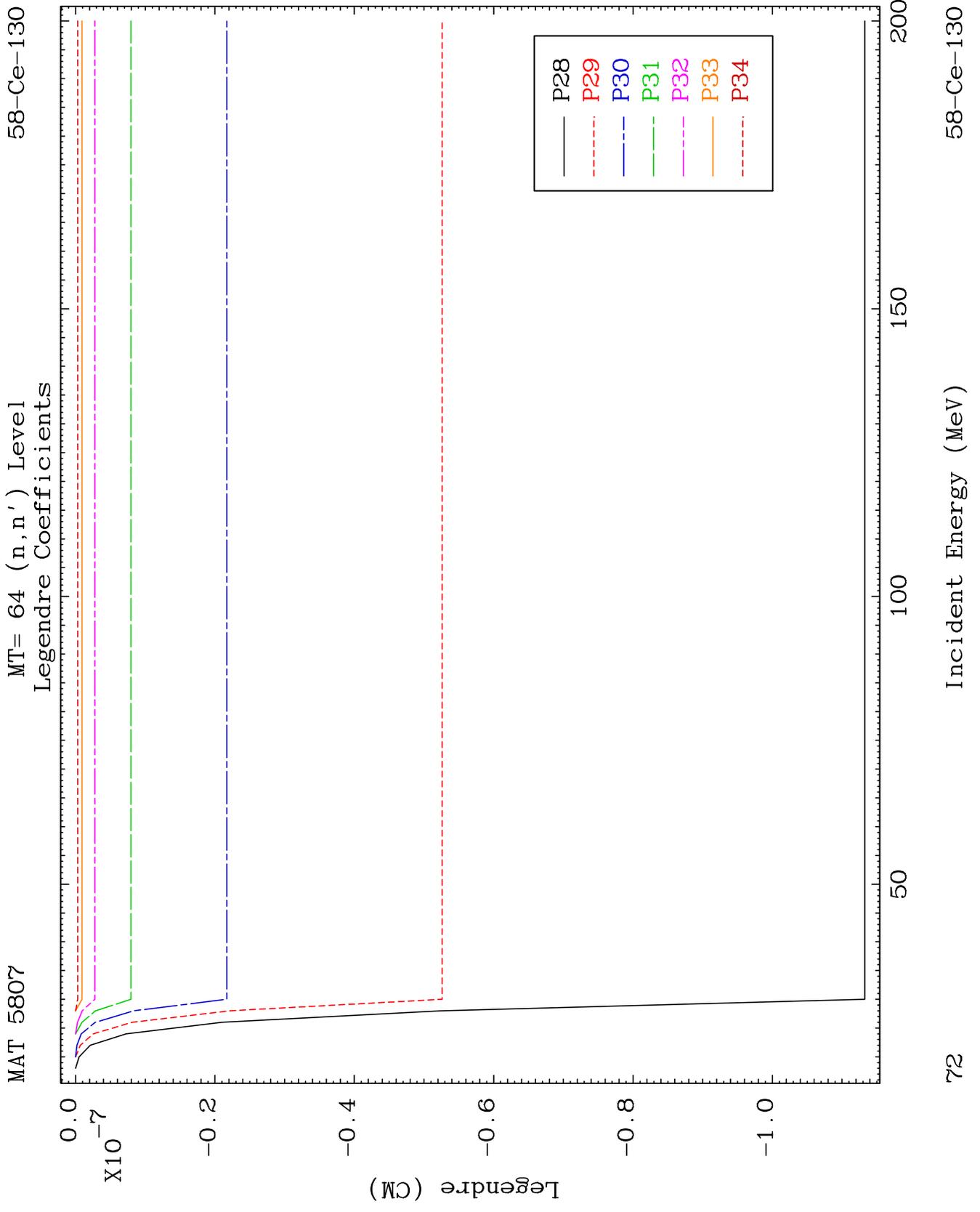


70

Incident Energy (MeV)

58-Ce-130

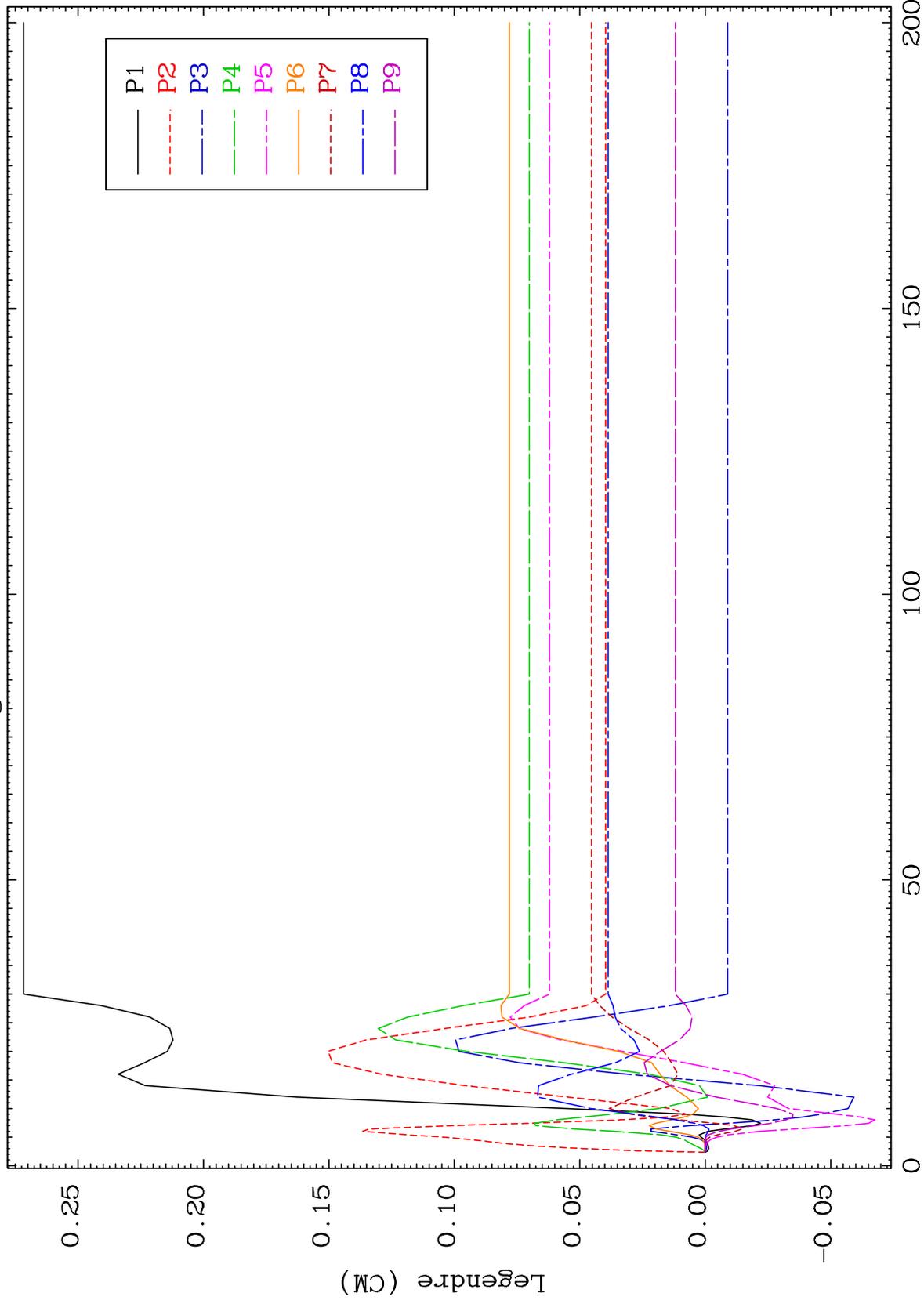




MAT 5807

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

58-Ce-130



73

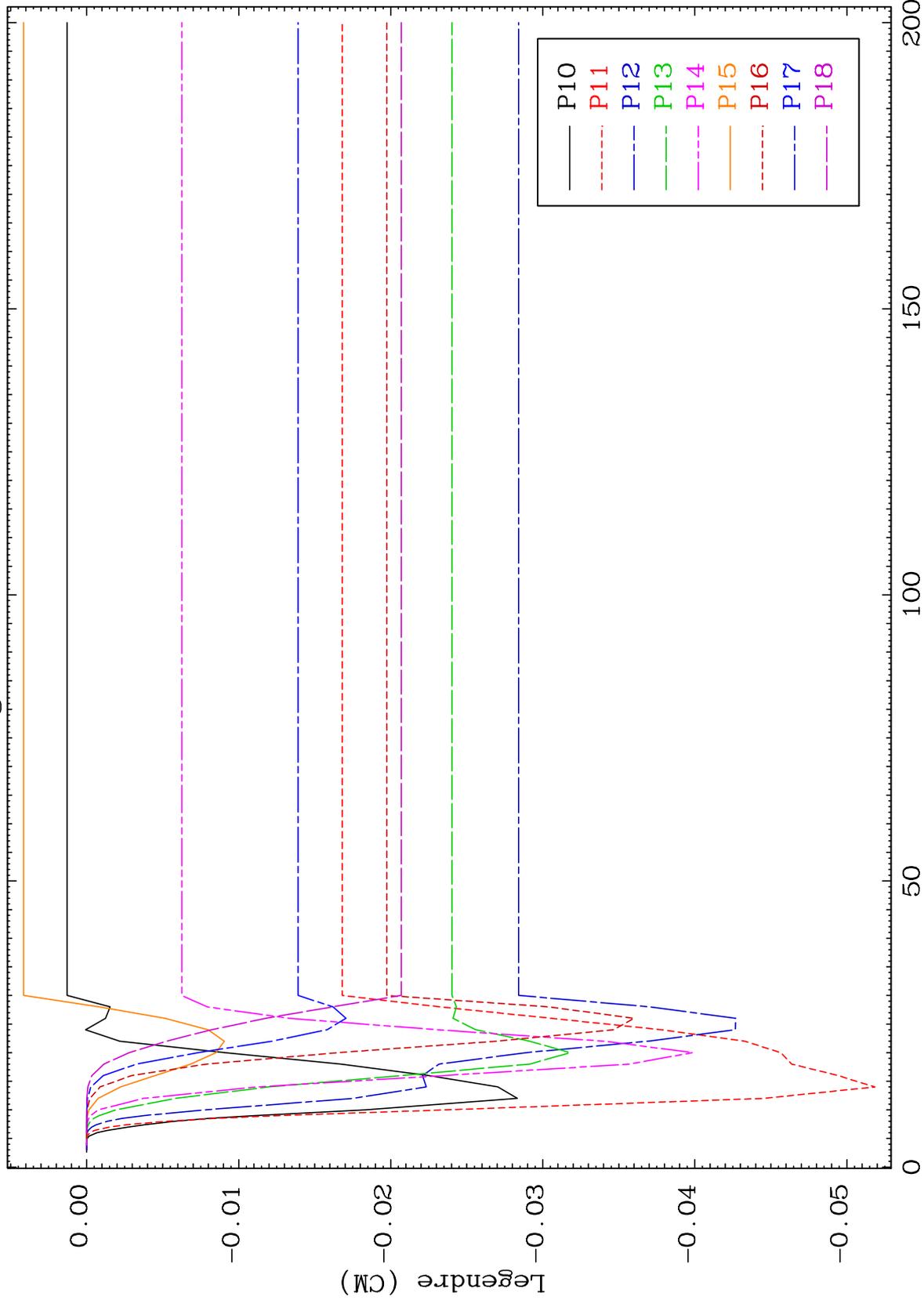
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

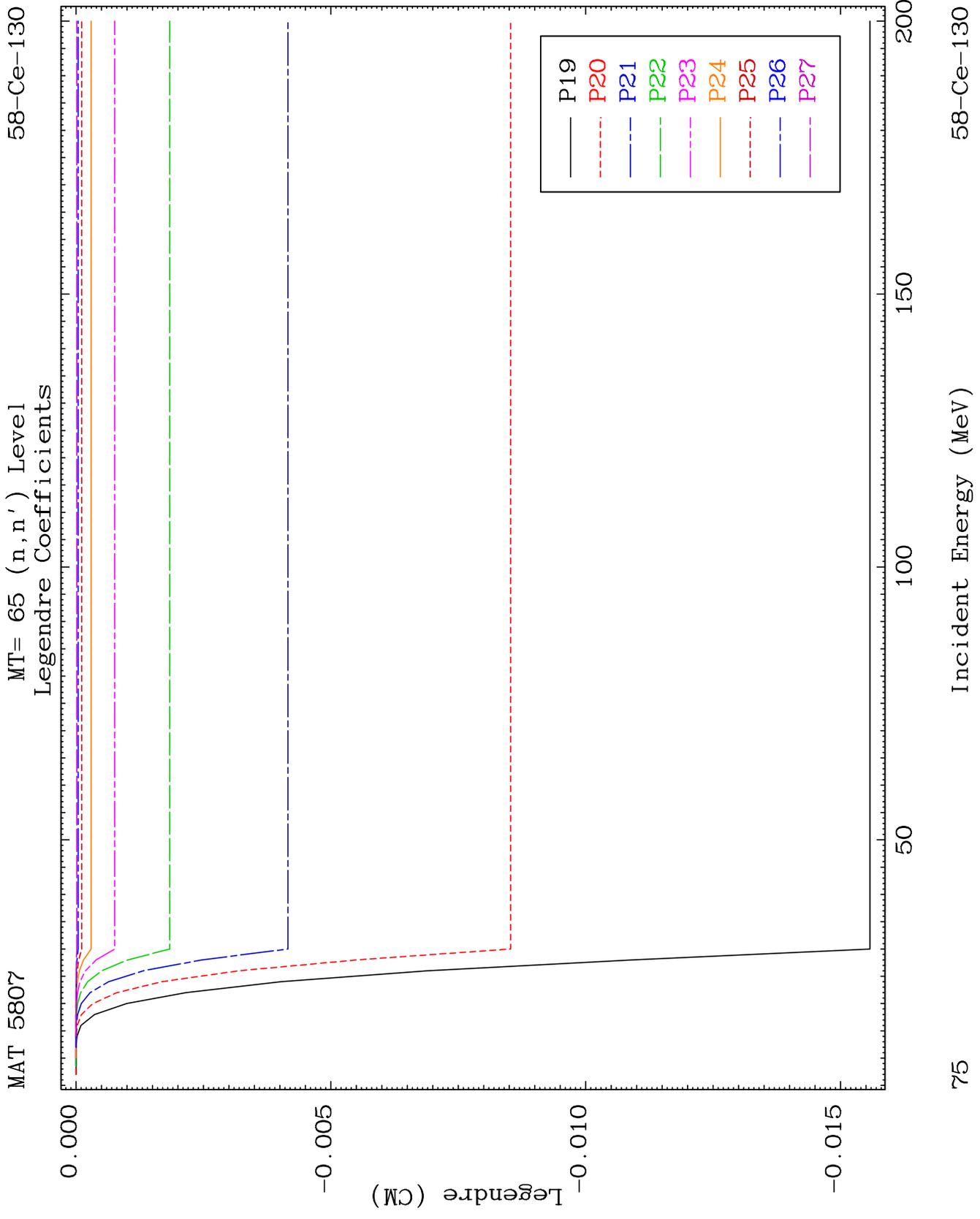
58-Ce-130

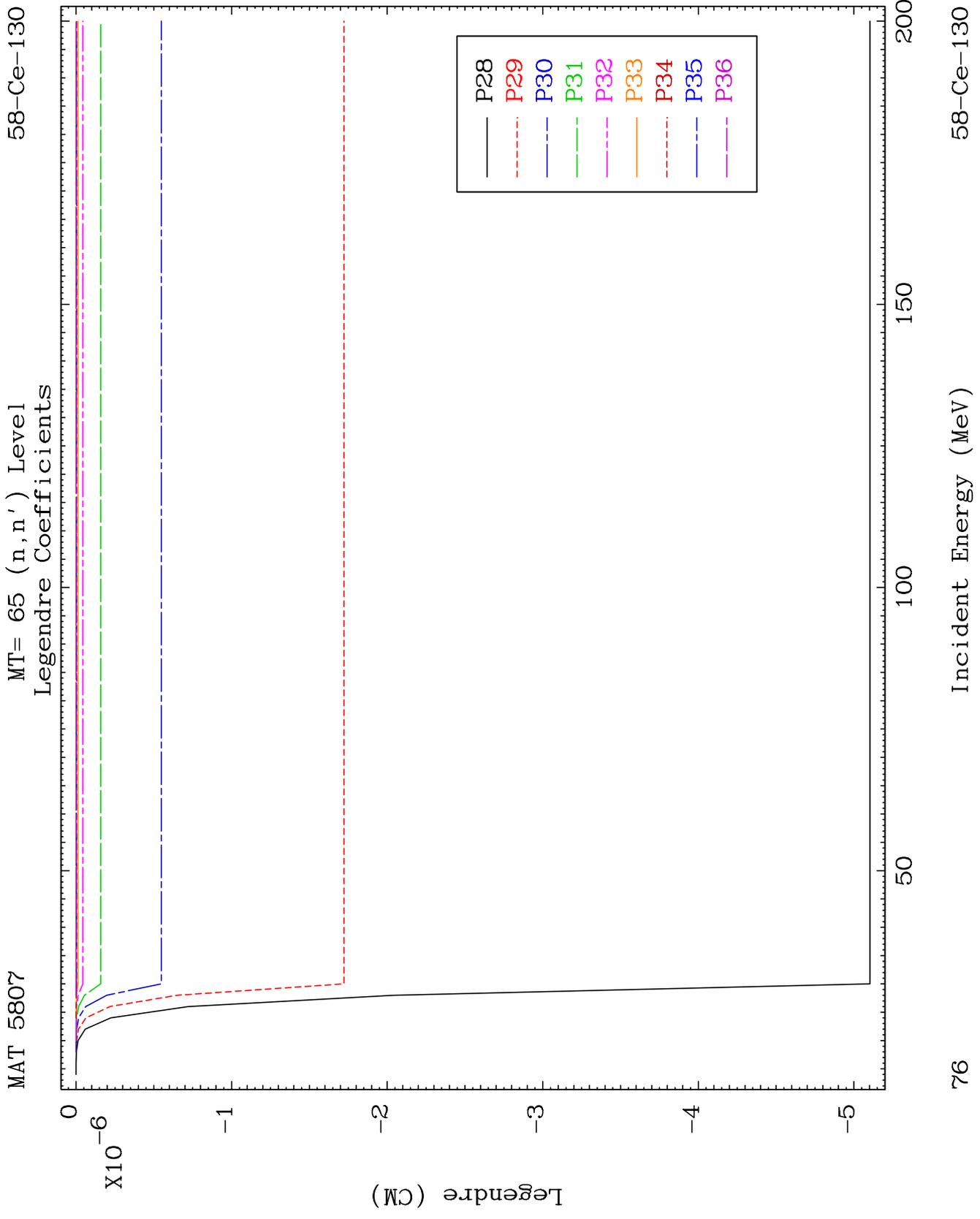


74

Incident Energy (MeV)

58-Ce-130

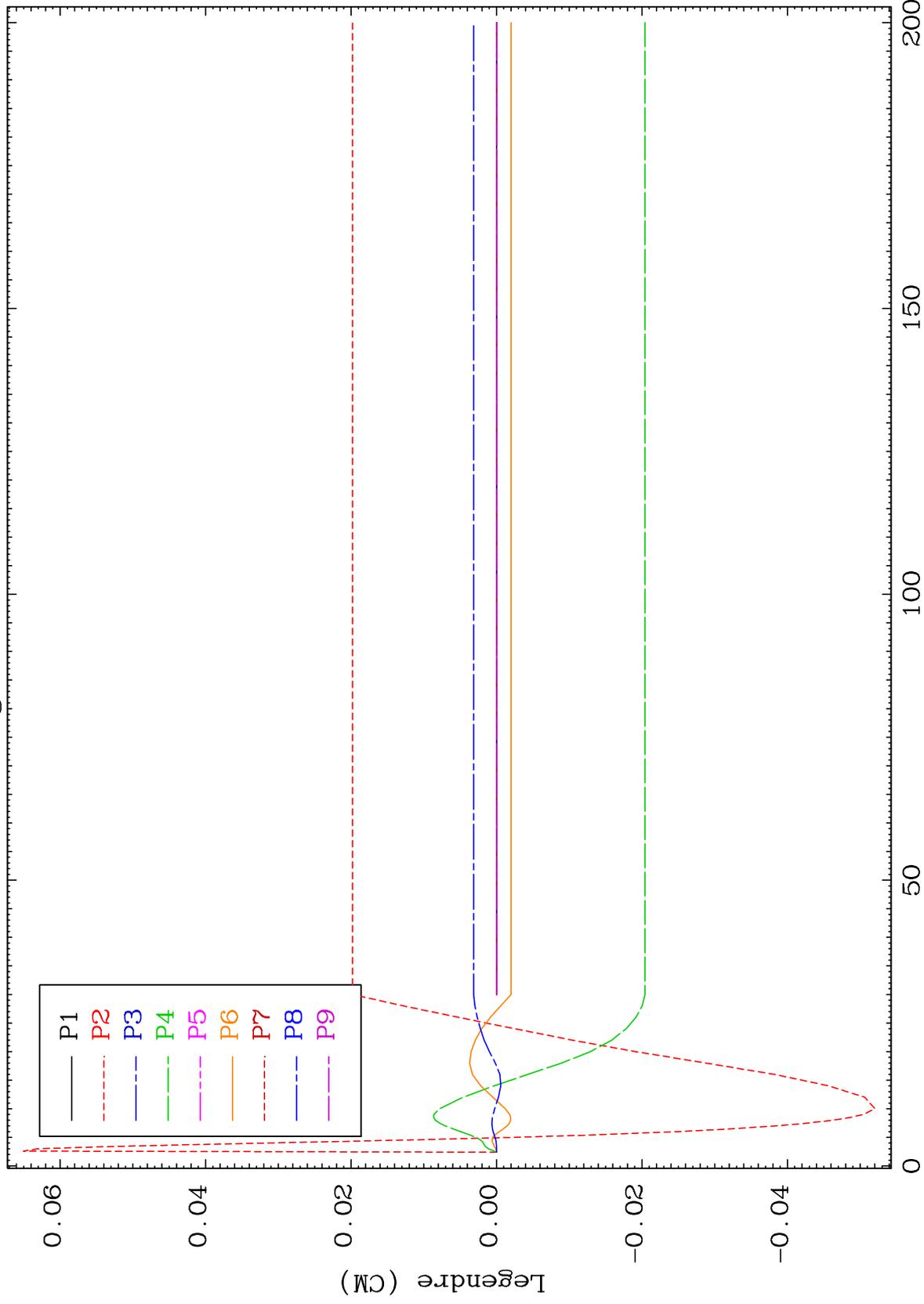




MAT 5807

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

58-Ce-130



77

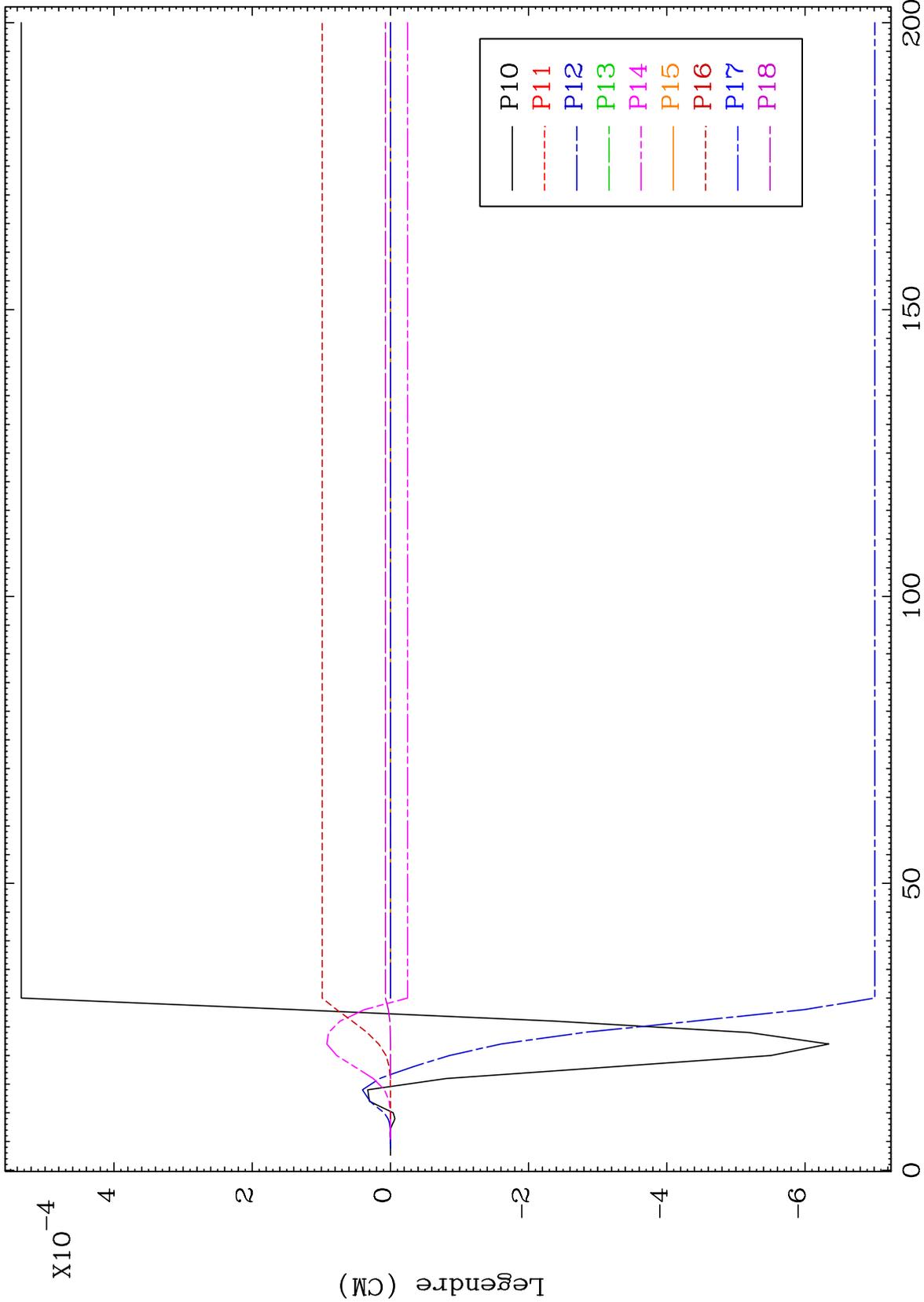
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

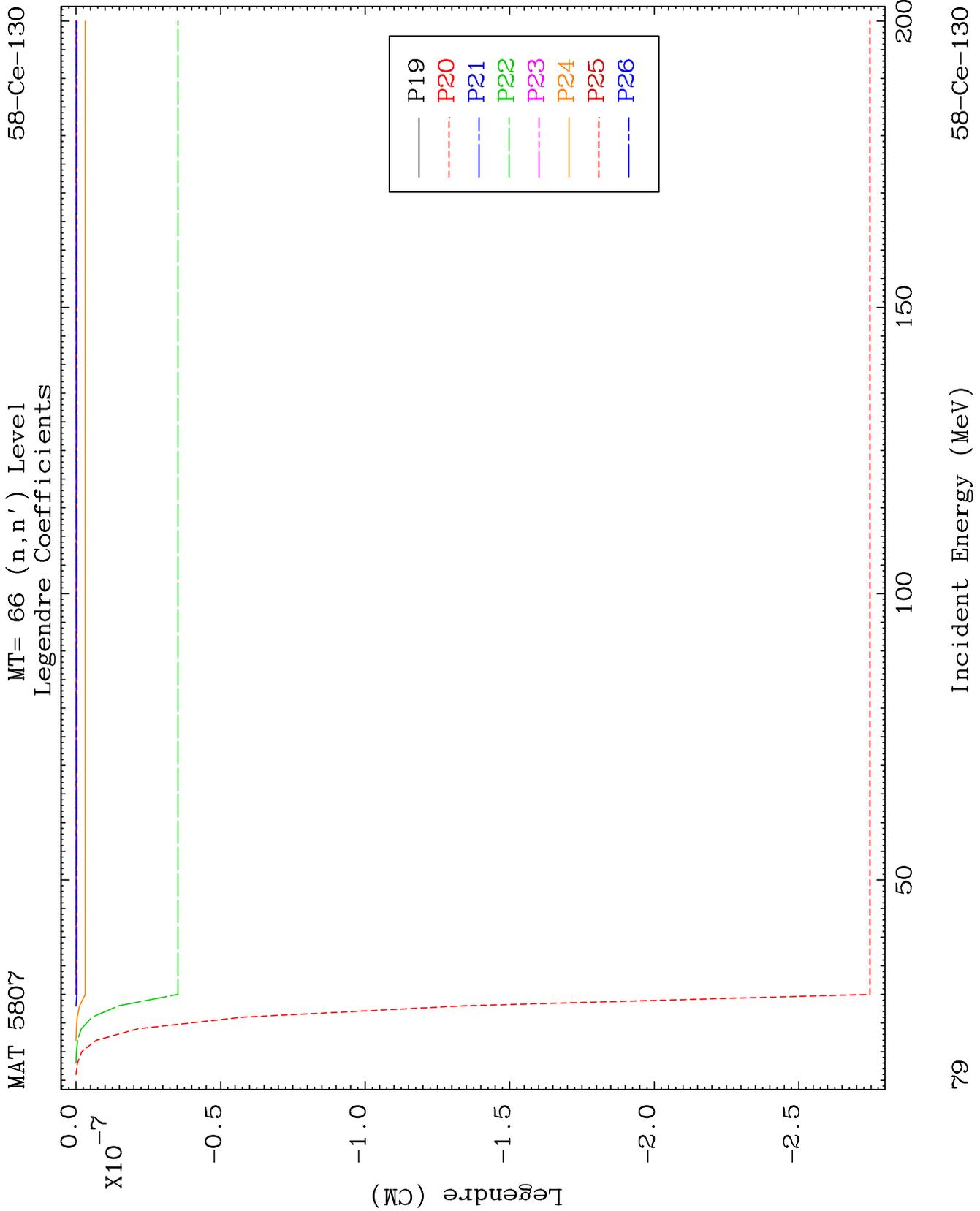
58-Ce-130



78

Incident Energy (MeV)

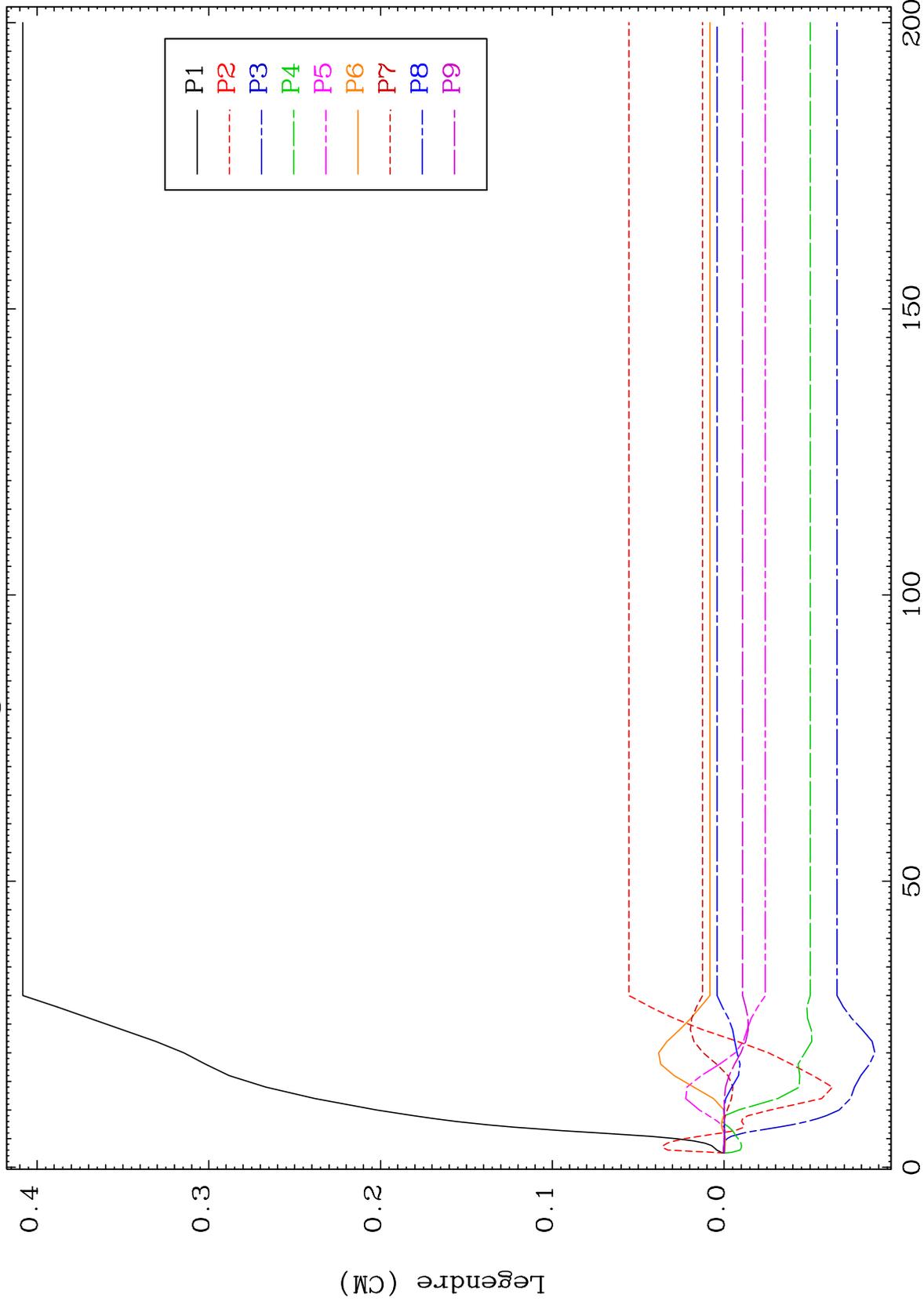
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

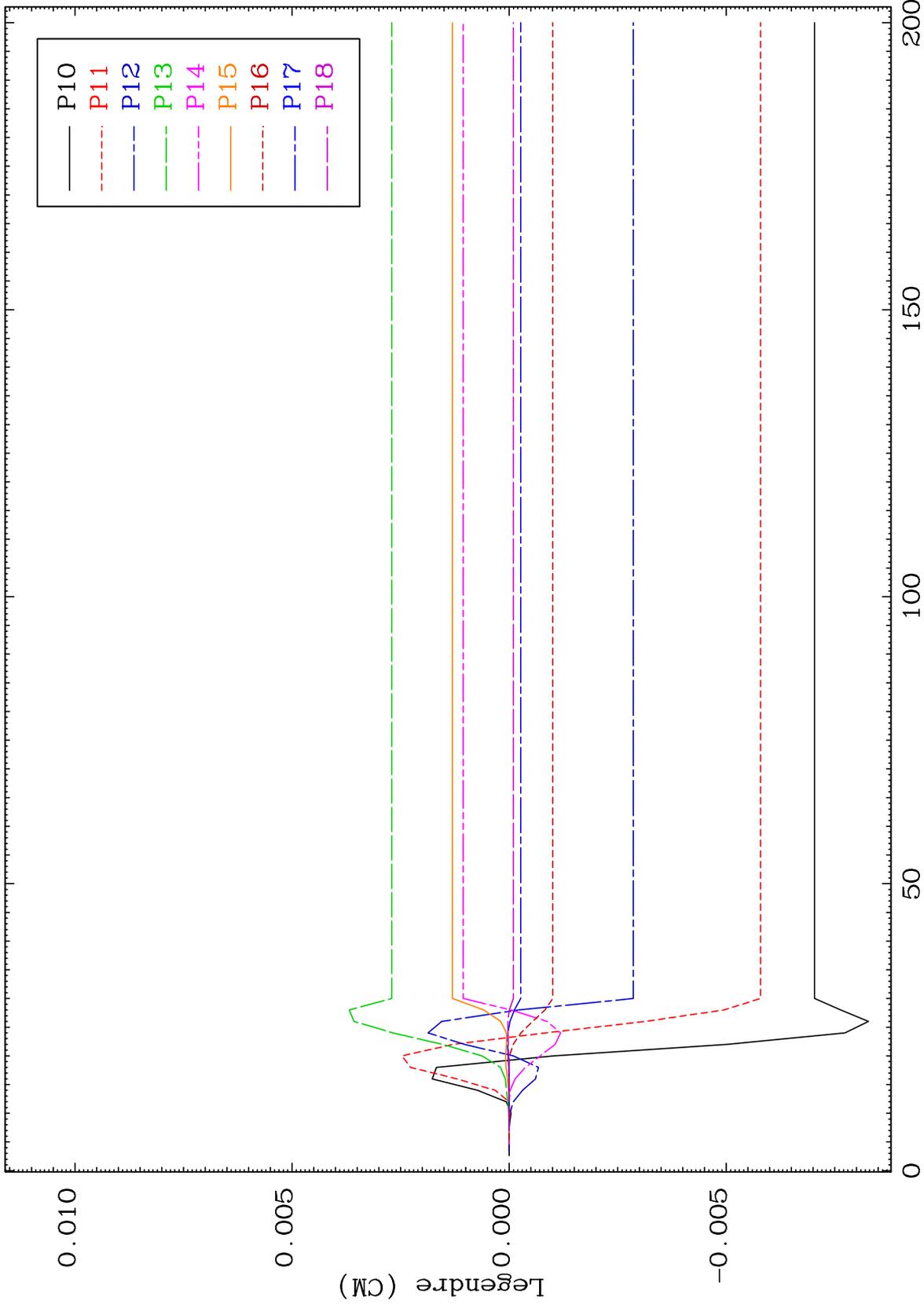
Incident Energy (MeV)

80

MAT 5807

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

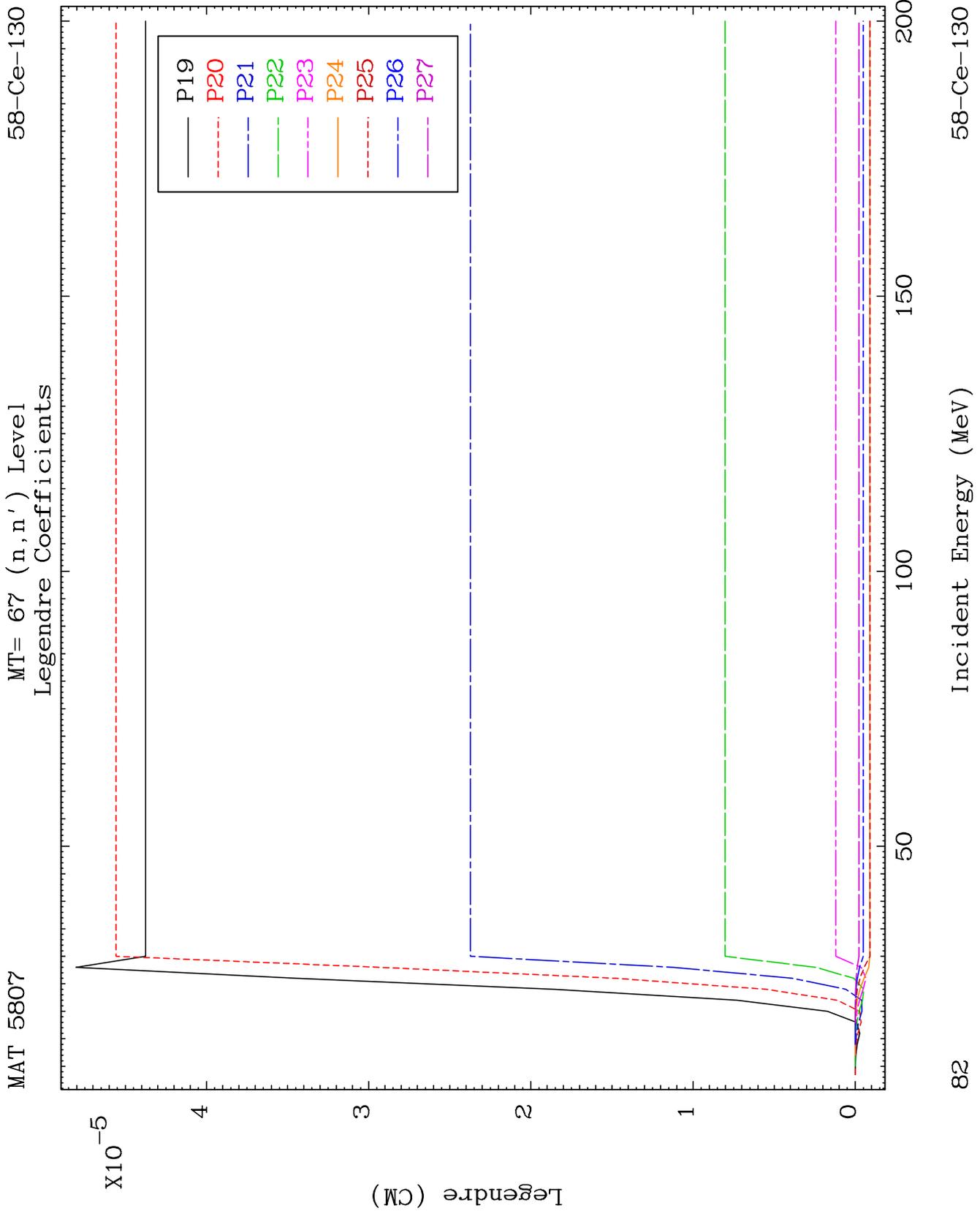
58-Ce-130

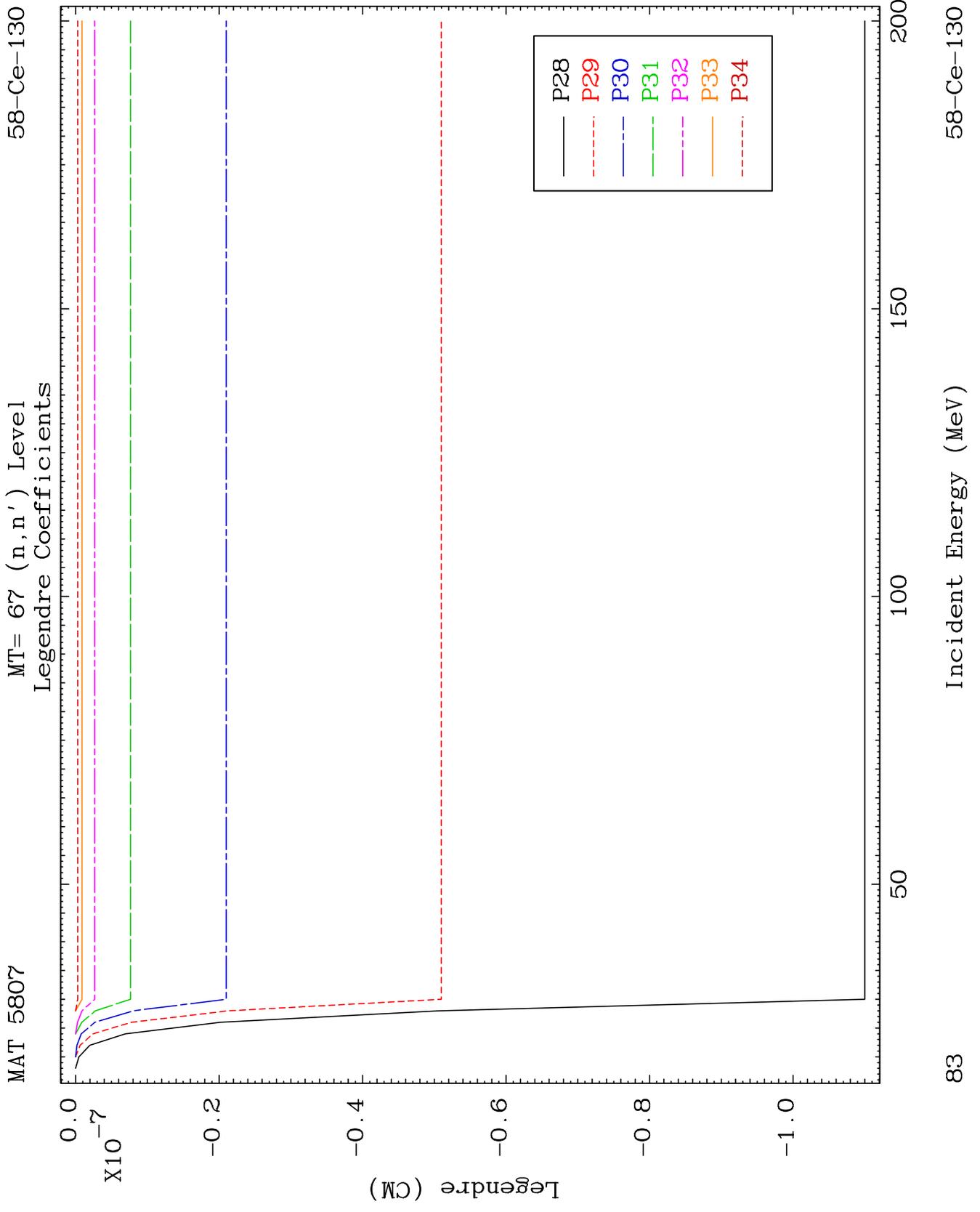


81

Incident Energy (MeV)

58-Ce-130

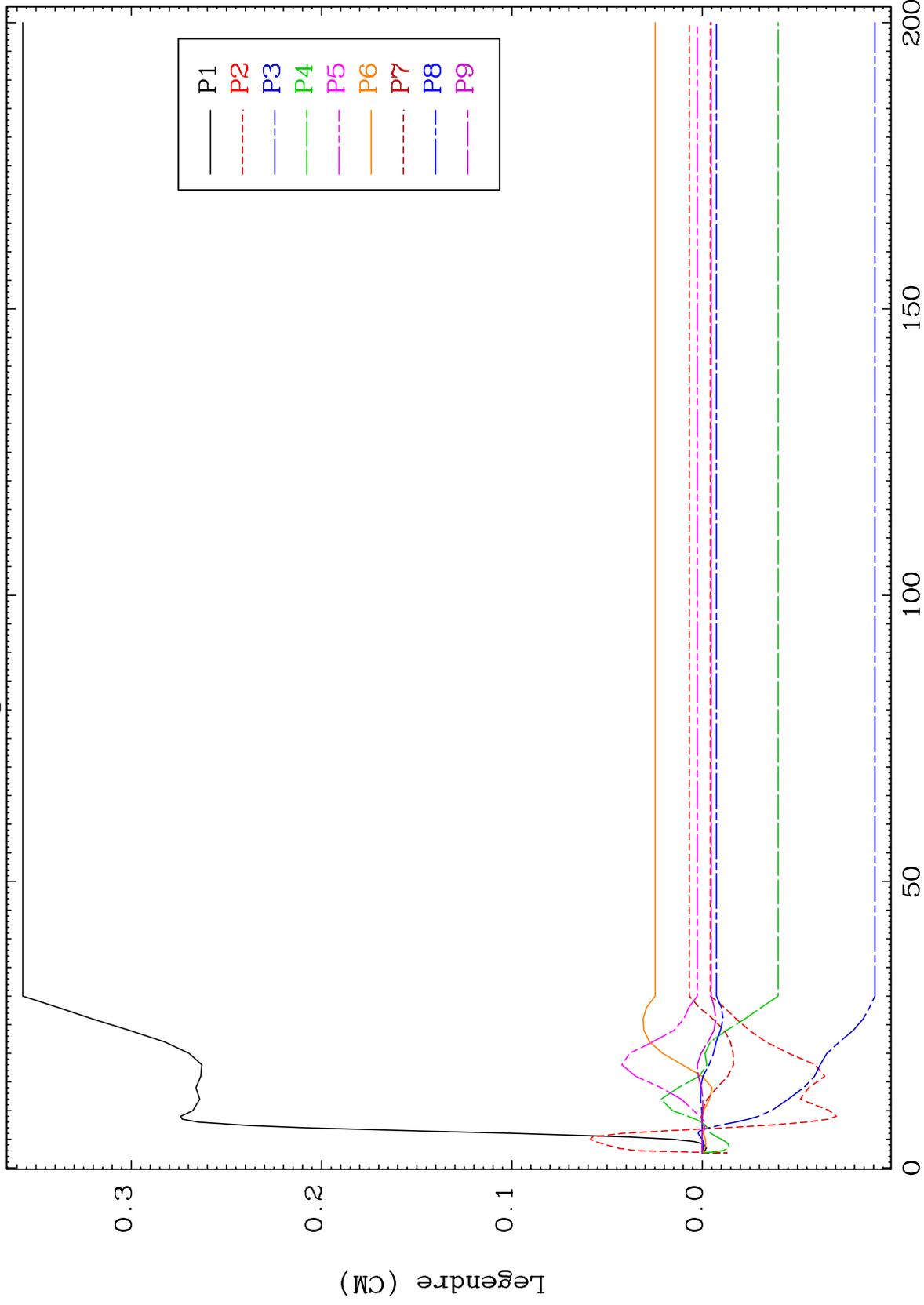




MAT 5807

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

58-Ce-130



84

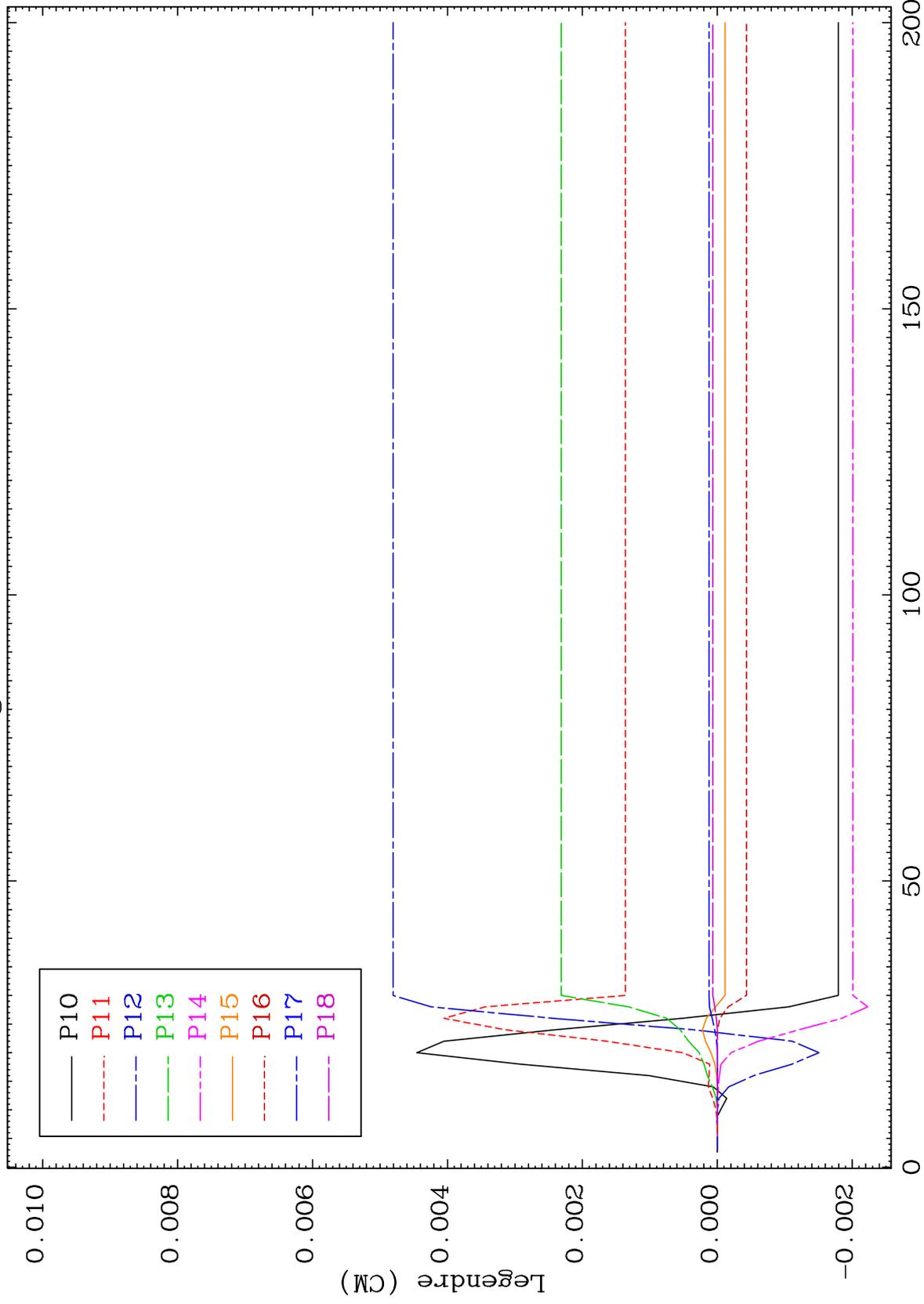
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



85

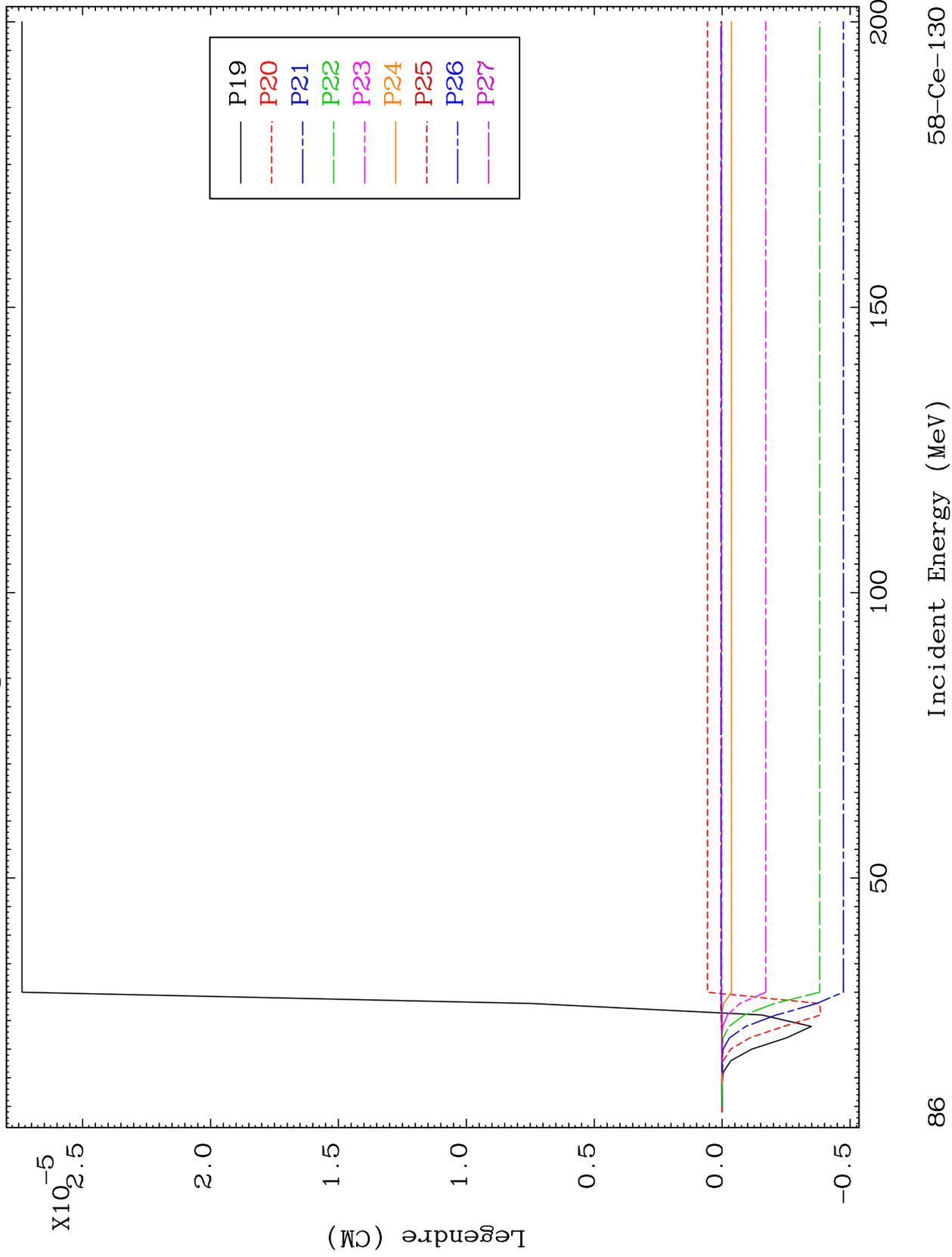
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

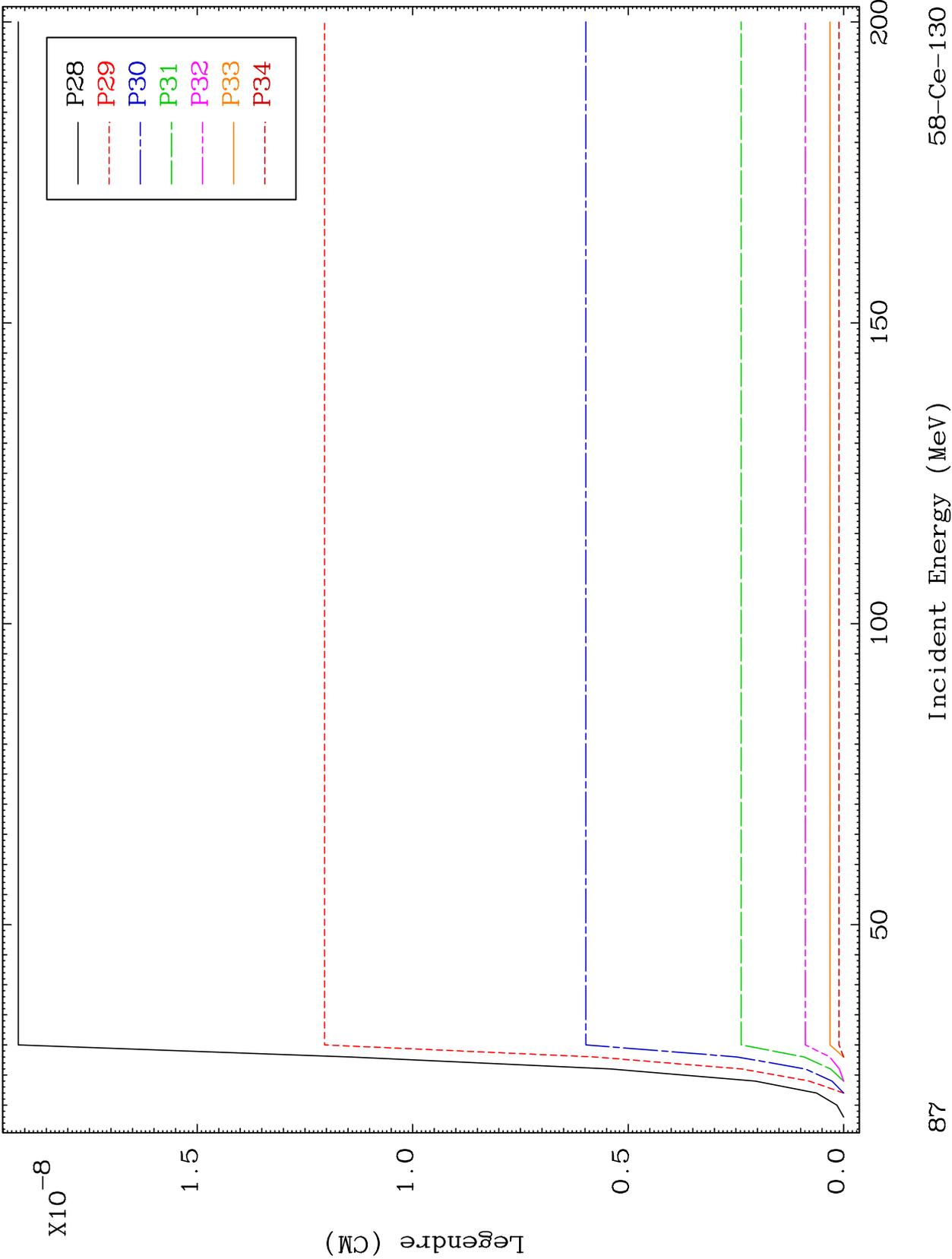
58-Ce-130



MAT 5807

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

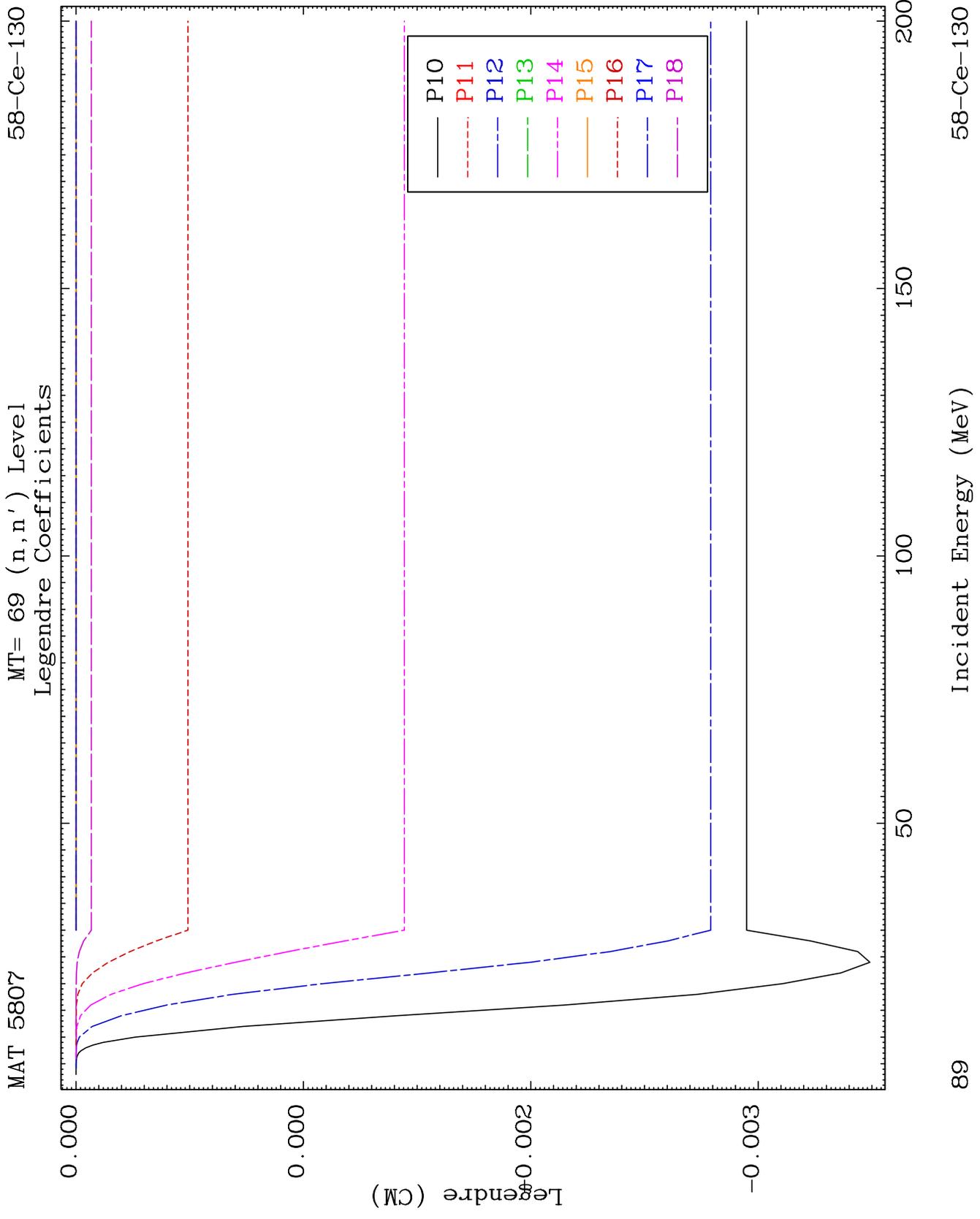
58-Ce-130

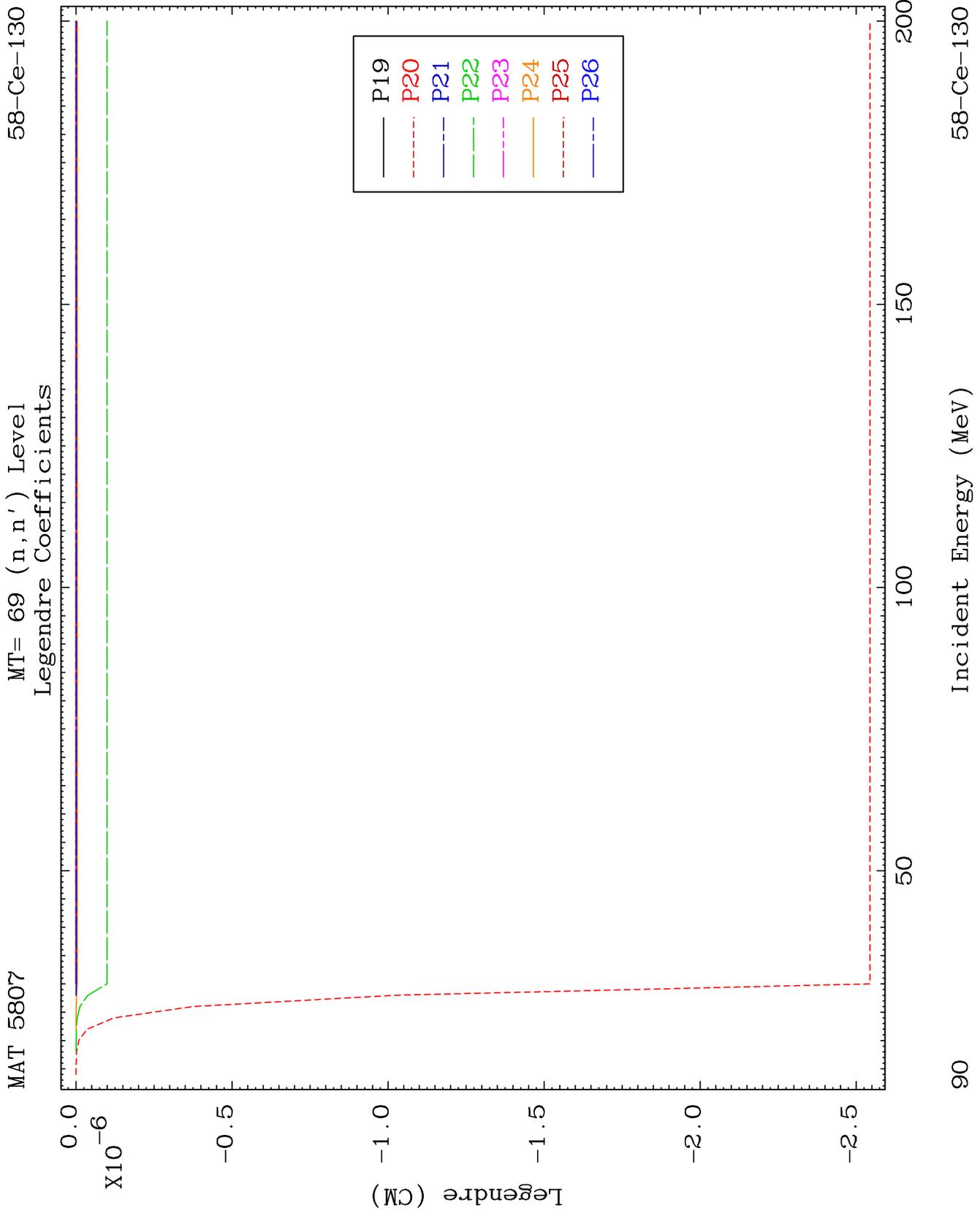


87

Incident Energy (MeV)

58-Ce-130



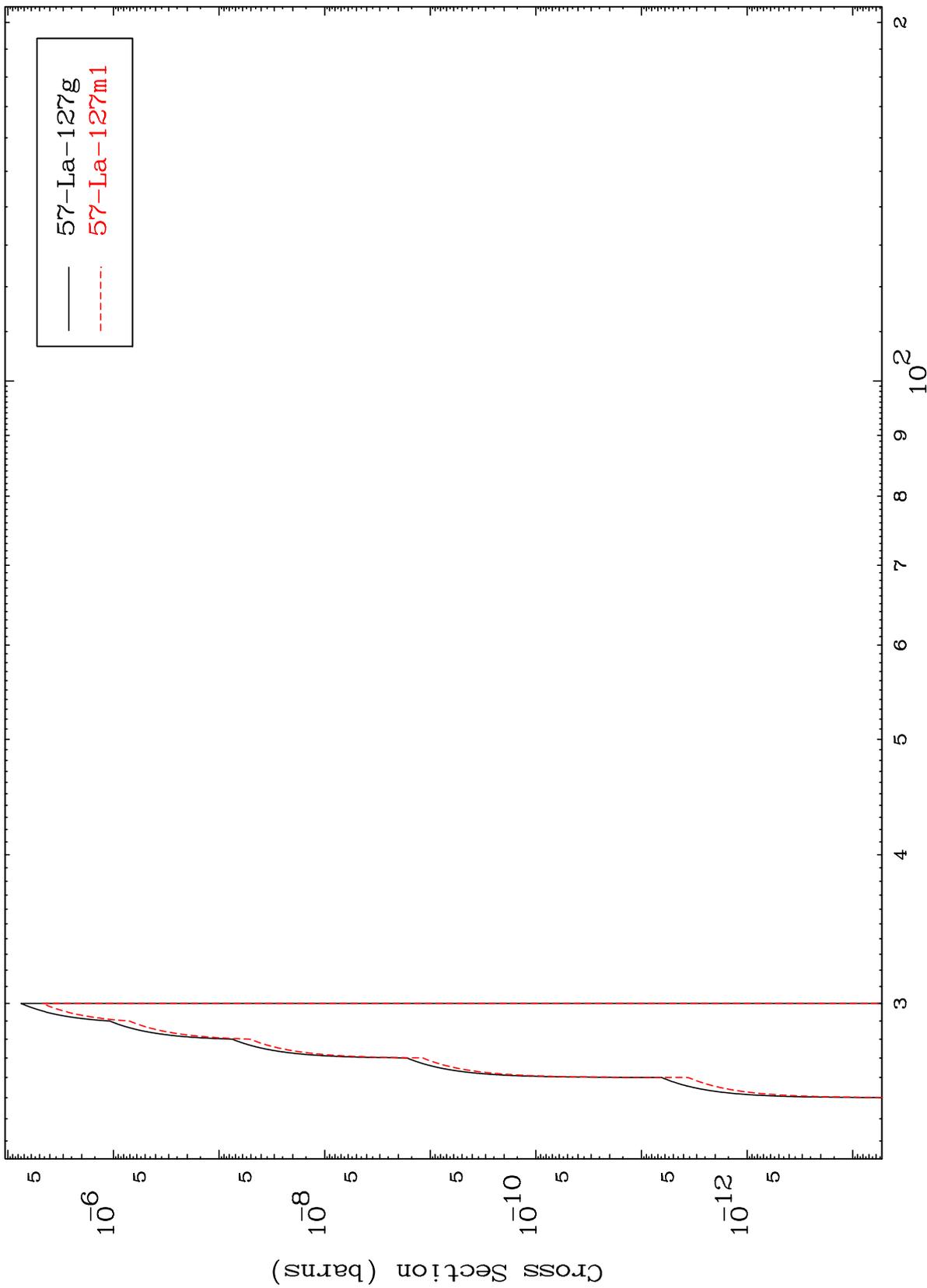


MAT 5807

(n,2n) d

58-Ce-130

Radionuclide Production Cross Section



91

Incident Energy (MeV)

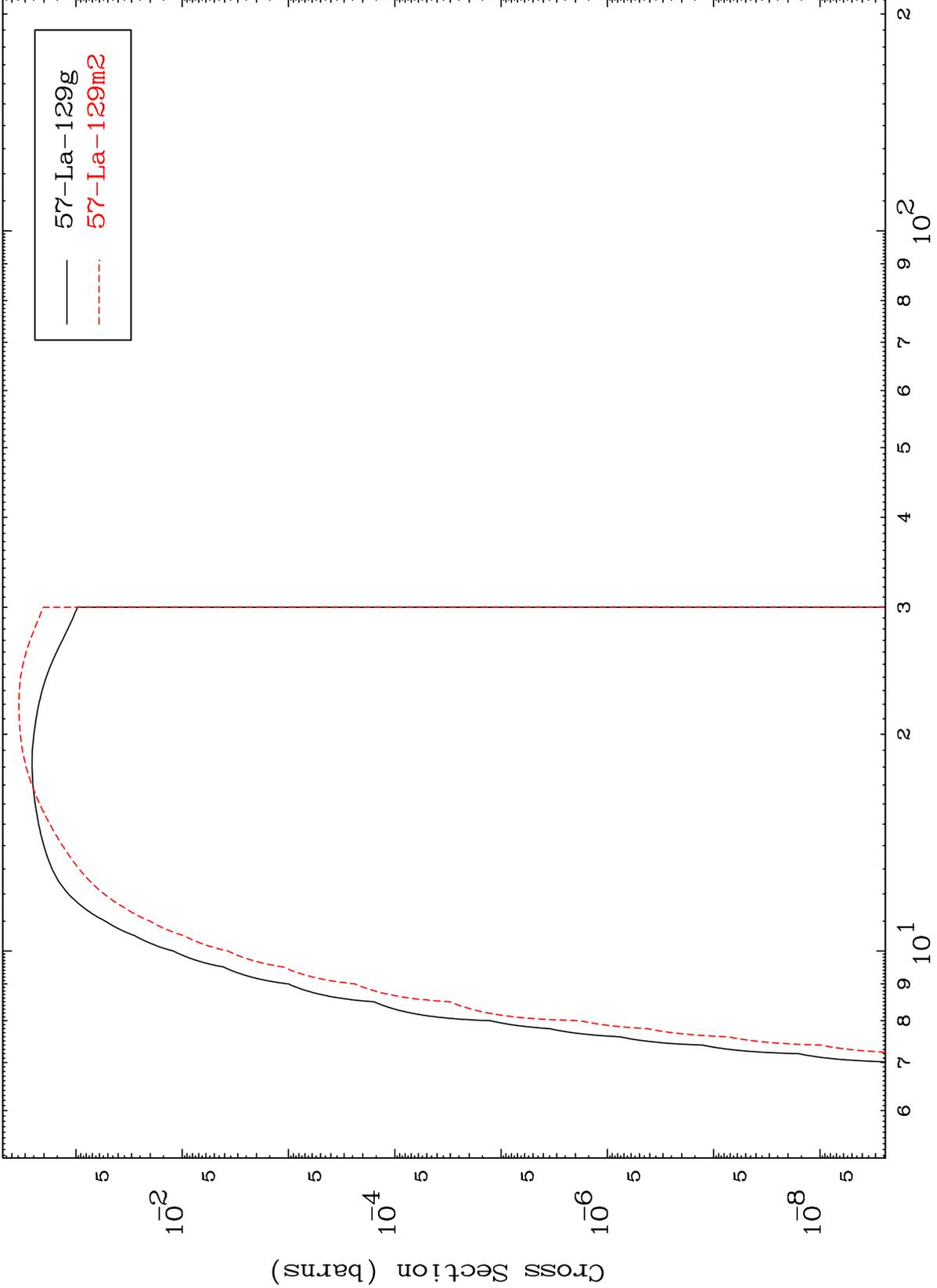
58-Ce-130

MAT 5807

(n,n') p

58-Ce-130

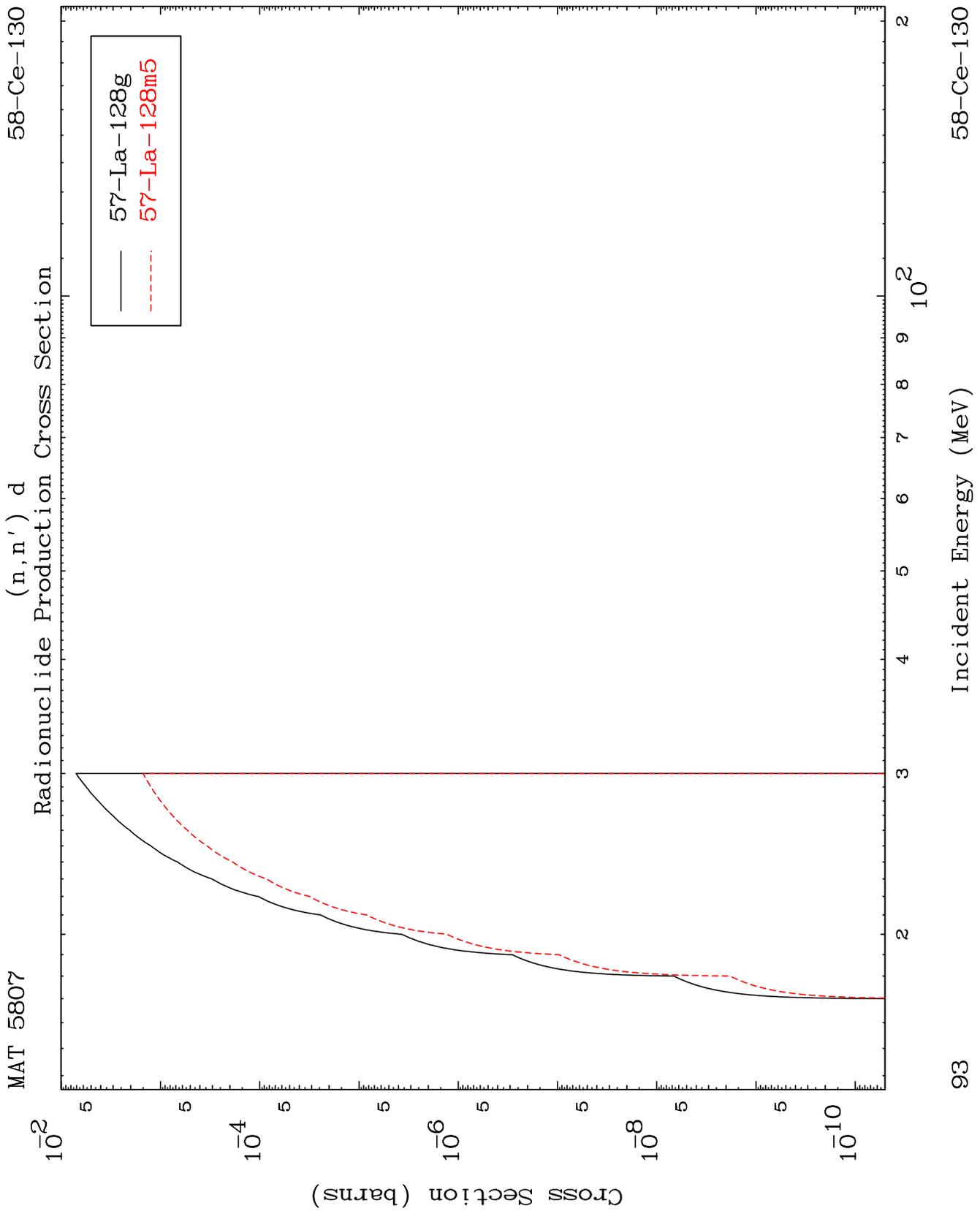
Radionuclide Production Cross Section



92

Incident Energy (MeV)

58-Ce-130

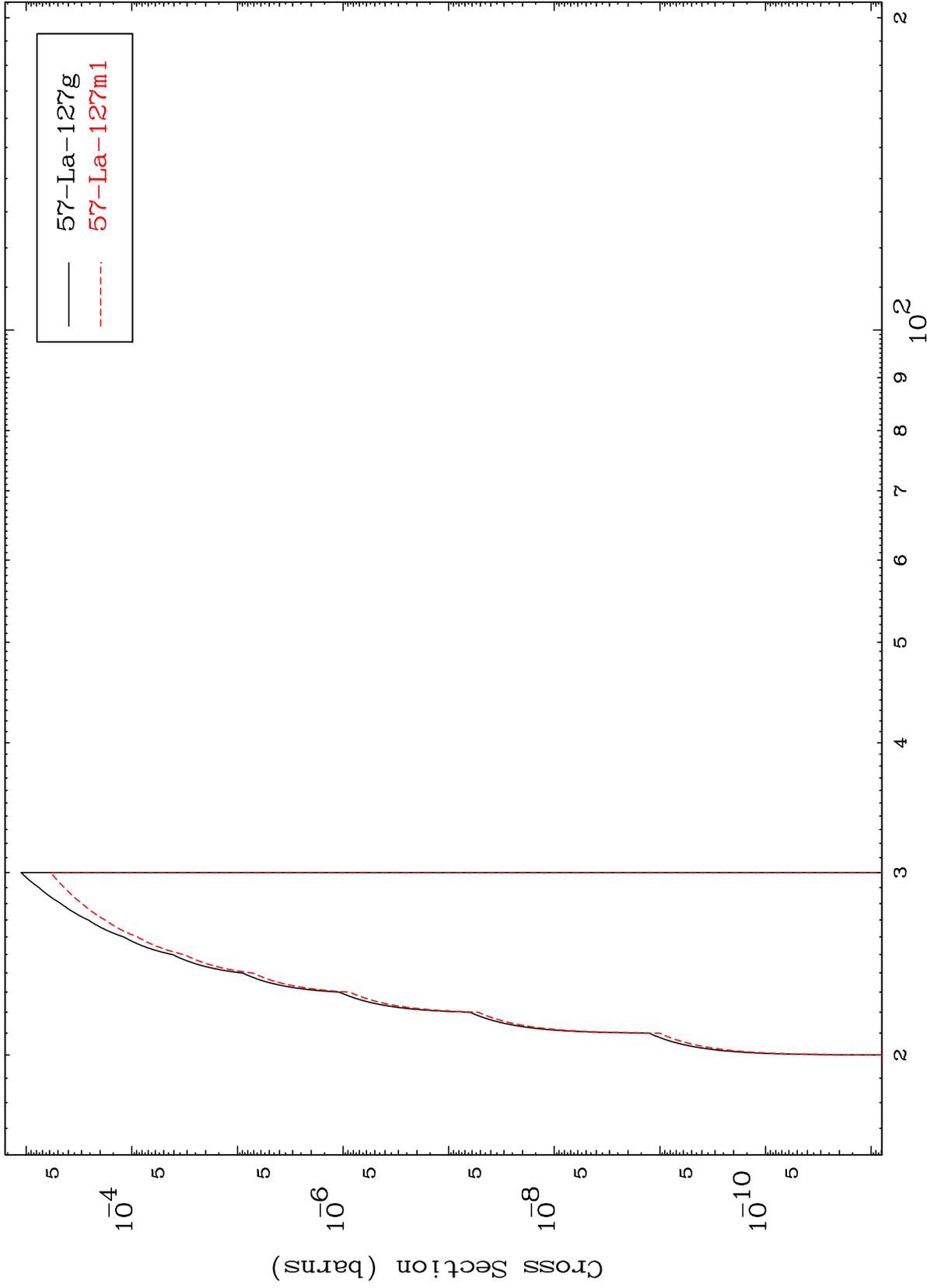


MAT 5807

(n,n') t

58-Ce-130

Radionuclide Production Cross Section



94

Incident Energy (MeV)

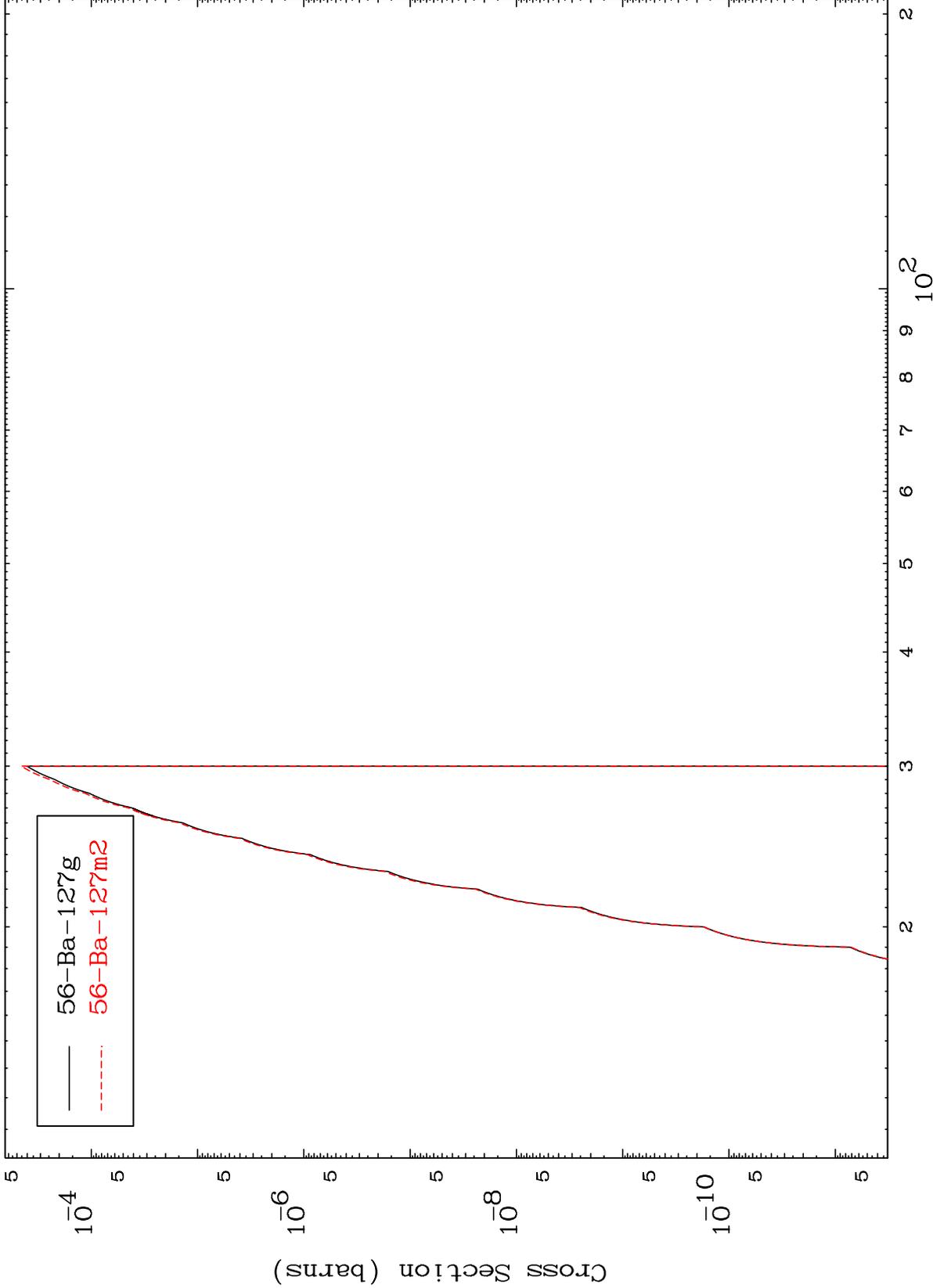
58-Ce-130

MAT 5807

(n,n') He-3

58-Ce-130

Radionuclide Production Cross Section



95

Incident Energy (MeV)

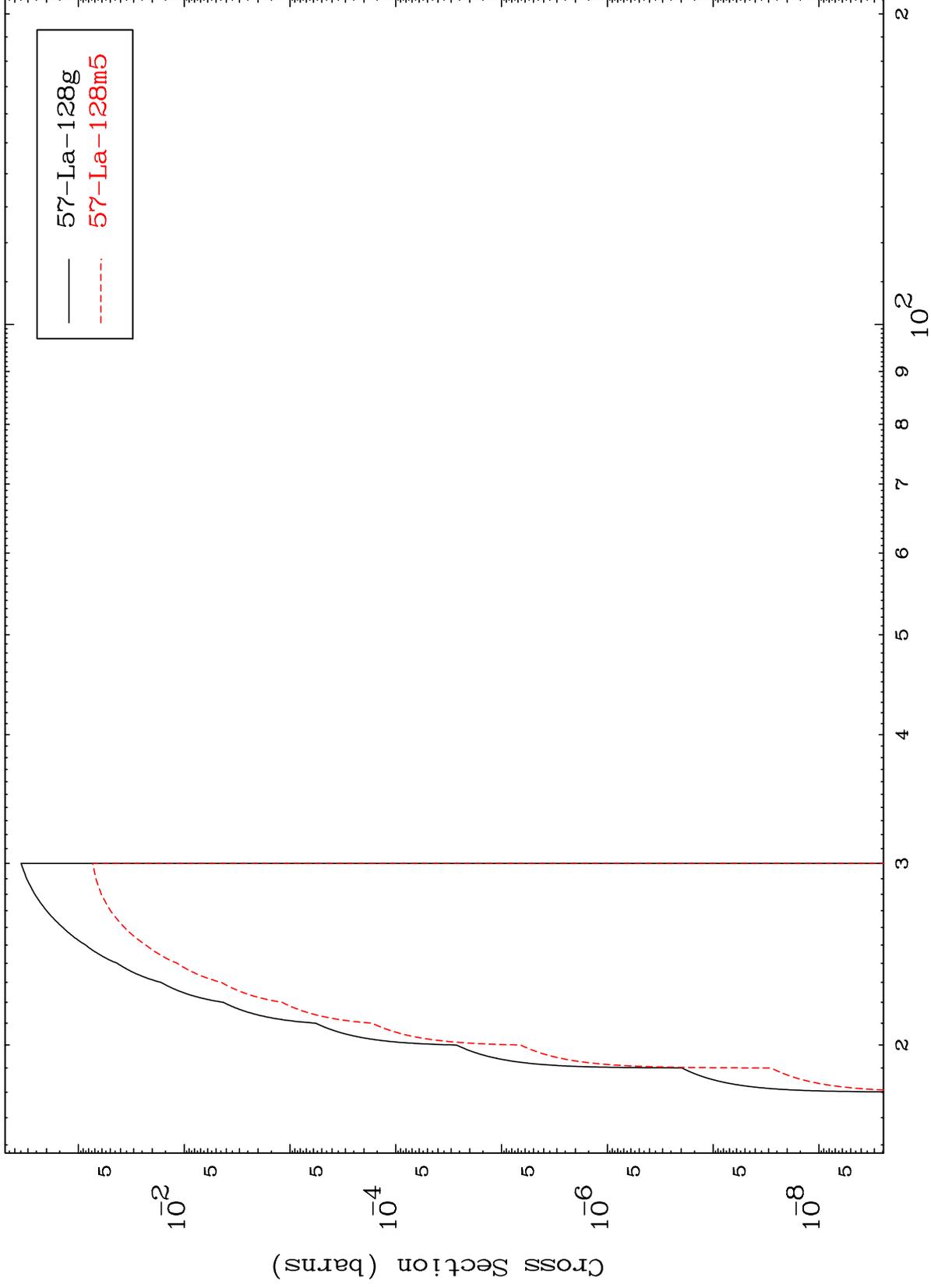
58-Ce-130

MAT 5807

(n,2n) p

58-Ce-130

Radionuclide Production Cross Section



96

Incident Energy (MeV)

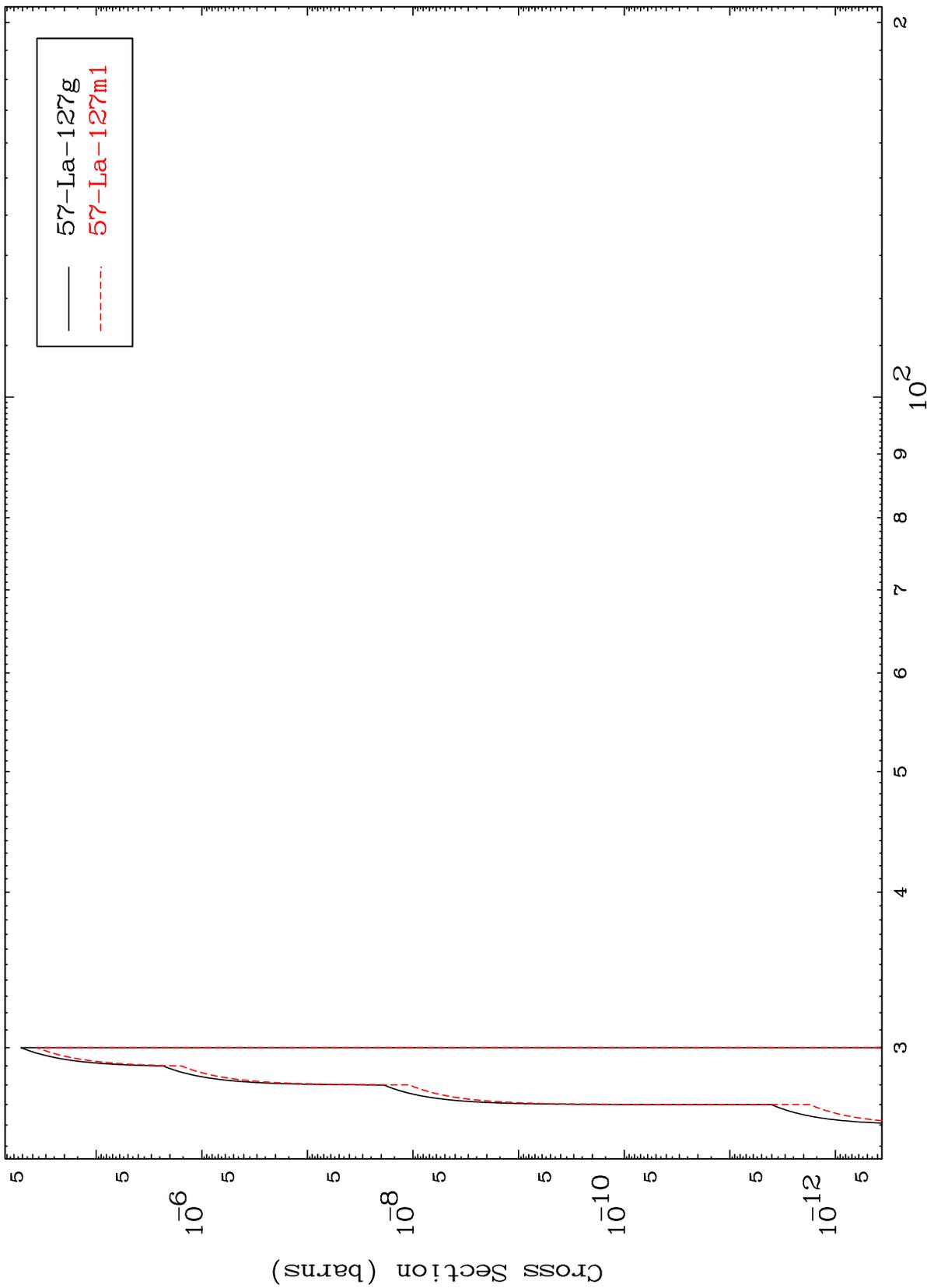
58-Ce-130

MAT 5807

(n,3n) p

58-Ce-130

Radionuclide Production Cross Section



57-La-127g
57-La-127m1

97

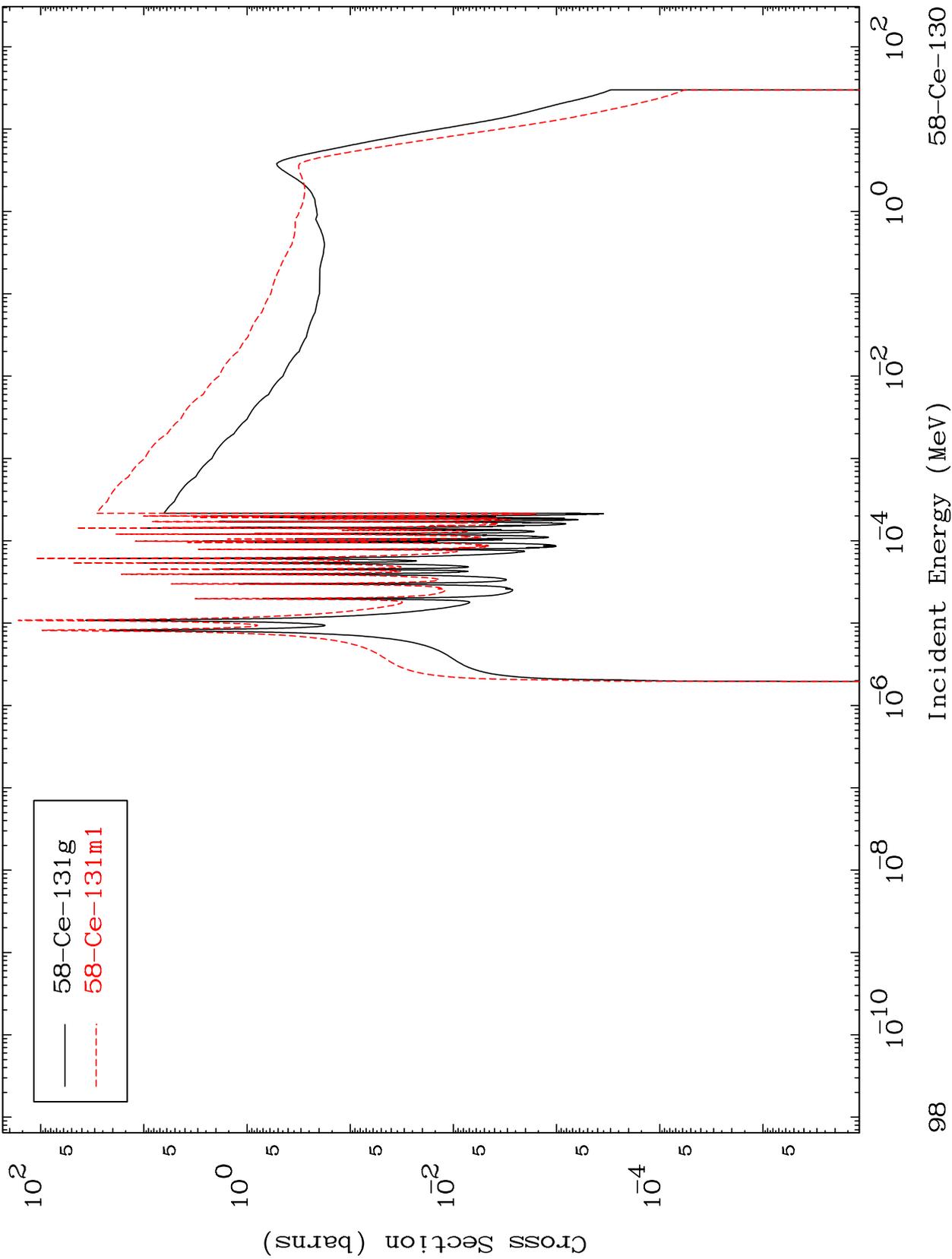
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

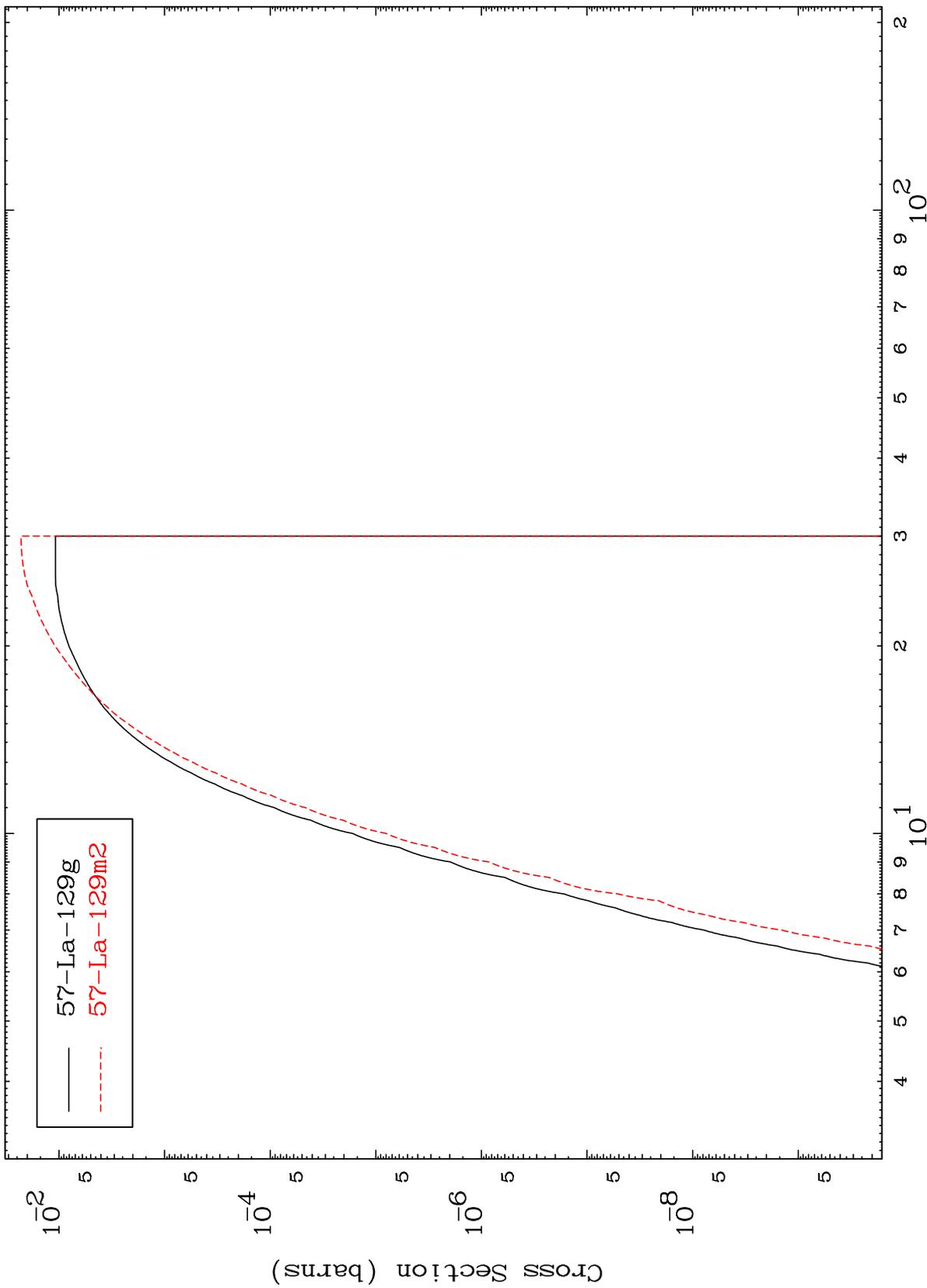
(n, γ)
Radionuclide Production Cross Section



MAT 5807

58-Ce-130

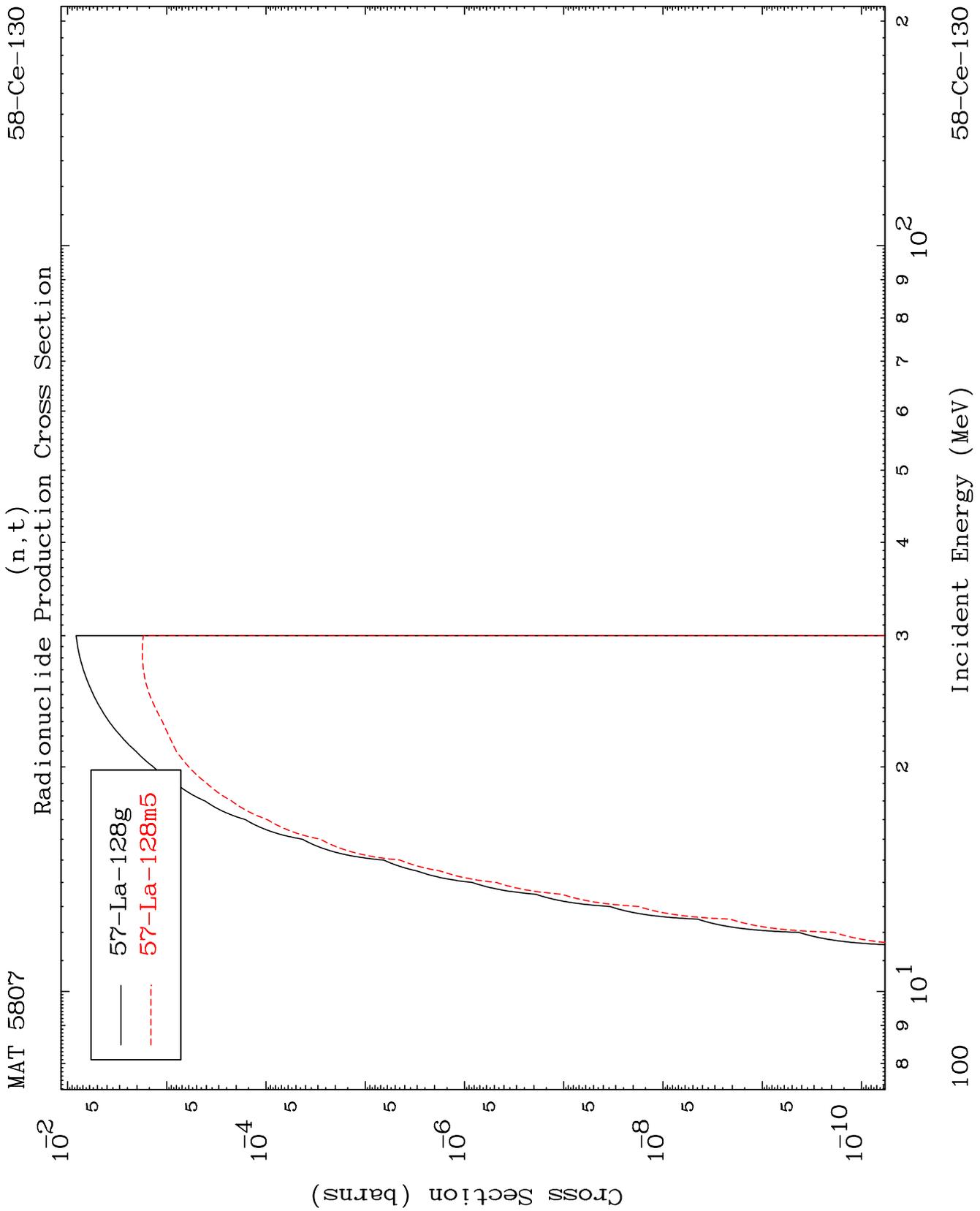
(n,d)
Radionuclide Production Cross Section



99

58-Ce-130

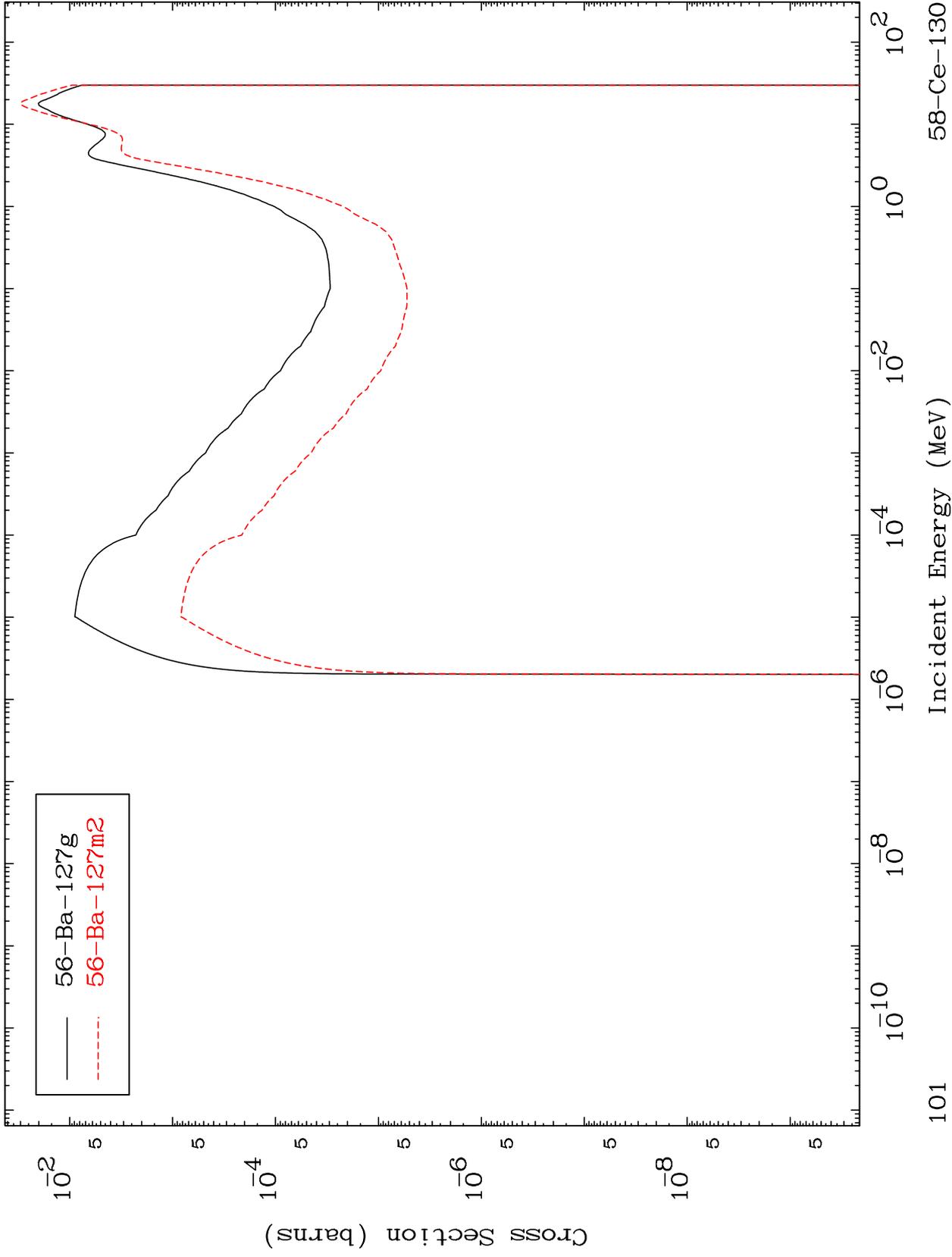
Incident Energy (MeV)



MAT 5807

58-Ce-130

(n, α)
Radionuclide Production Cross Section

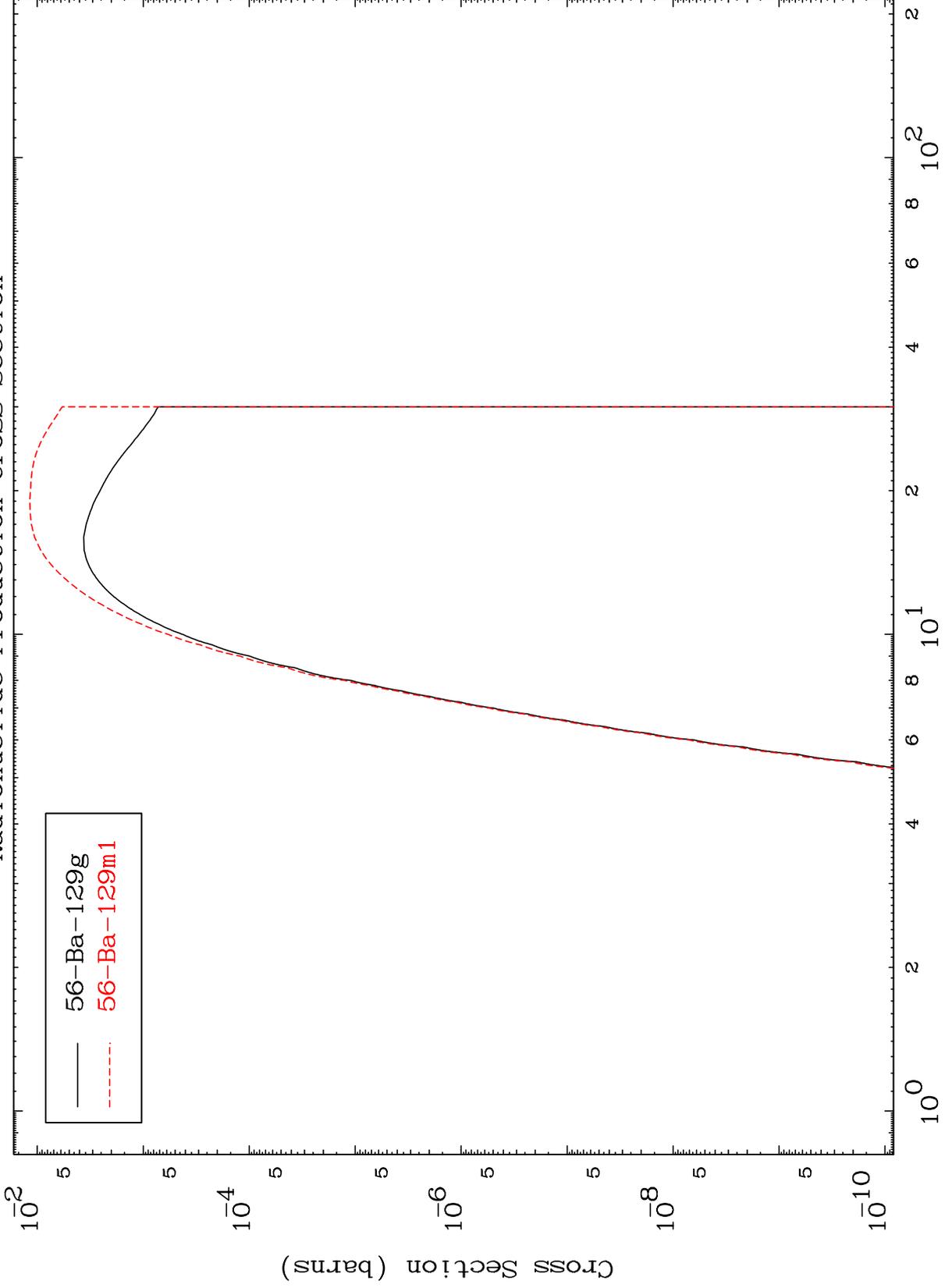


101

MAT 5807

58-Ce-130

(n,2p)
Radionuclide Production Cross Section



58-Ce-130

Incident Energy (MeV)

102

Radionuclide Production Cross Section

