

Program EVALPLOT
(Version 2017-1)

by

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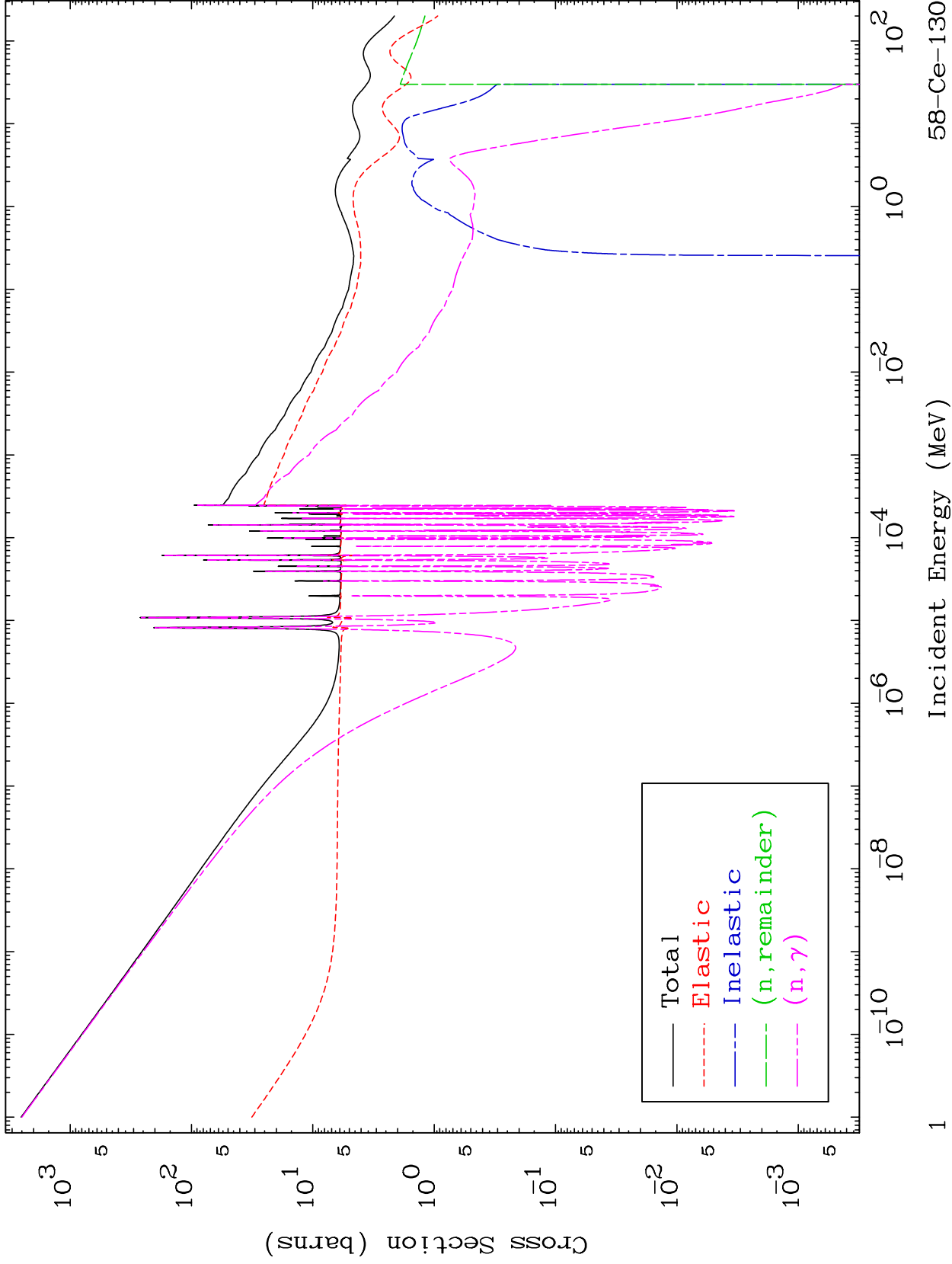
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5807

Major
293 Kelvin Cross Sections

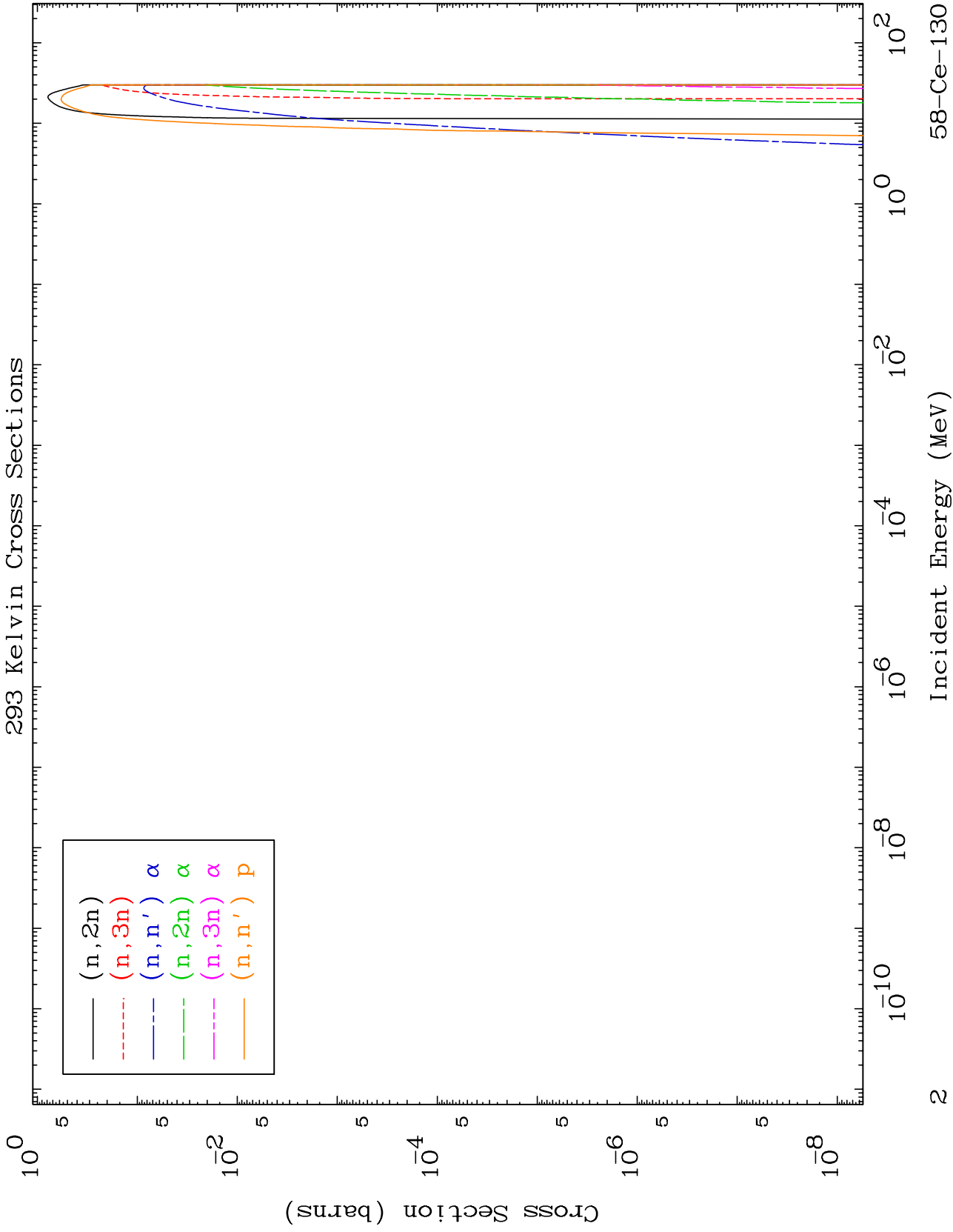
58-Ce-130



MAT 5807

Neutron Production
293 Kelvin Cross Sections

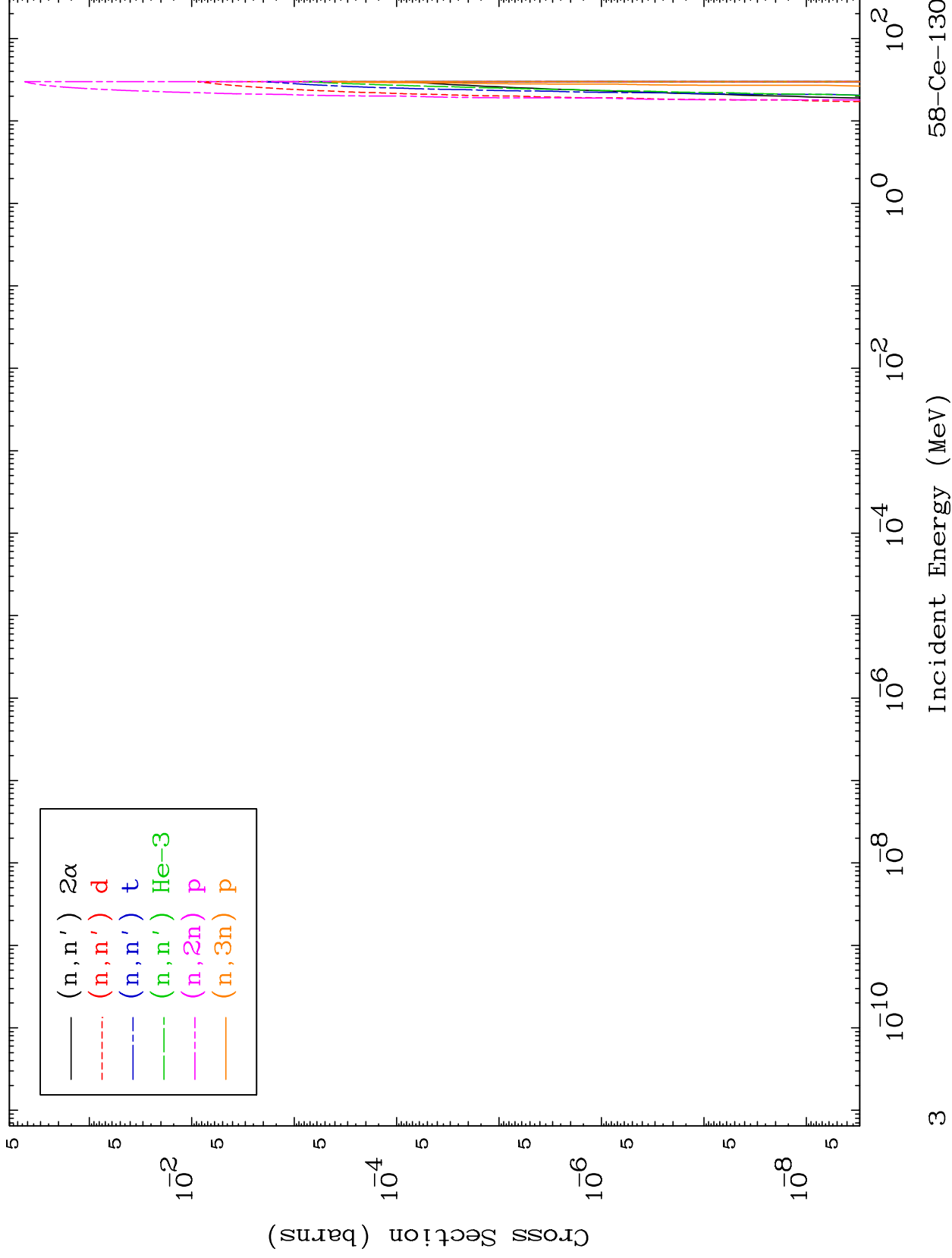
58-Ce-130



MAT 5807

Neutron Production
293 Kelvin Cross Sections

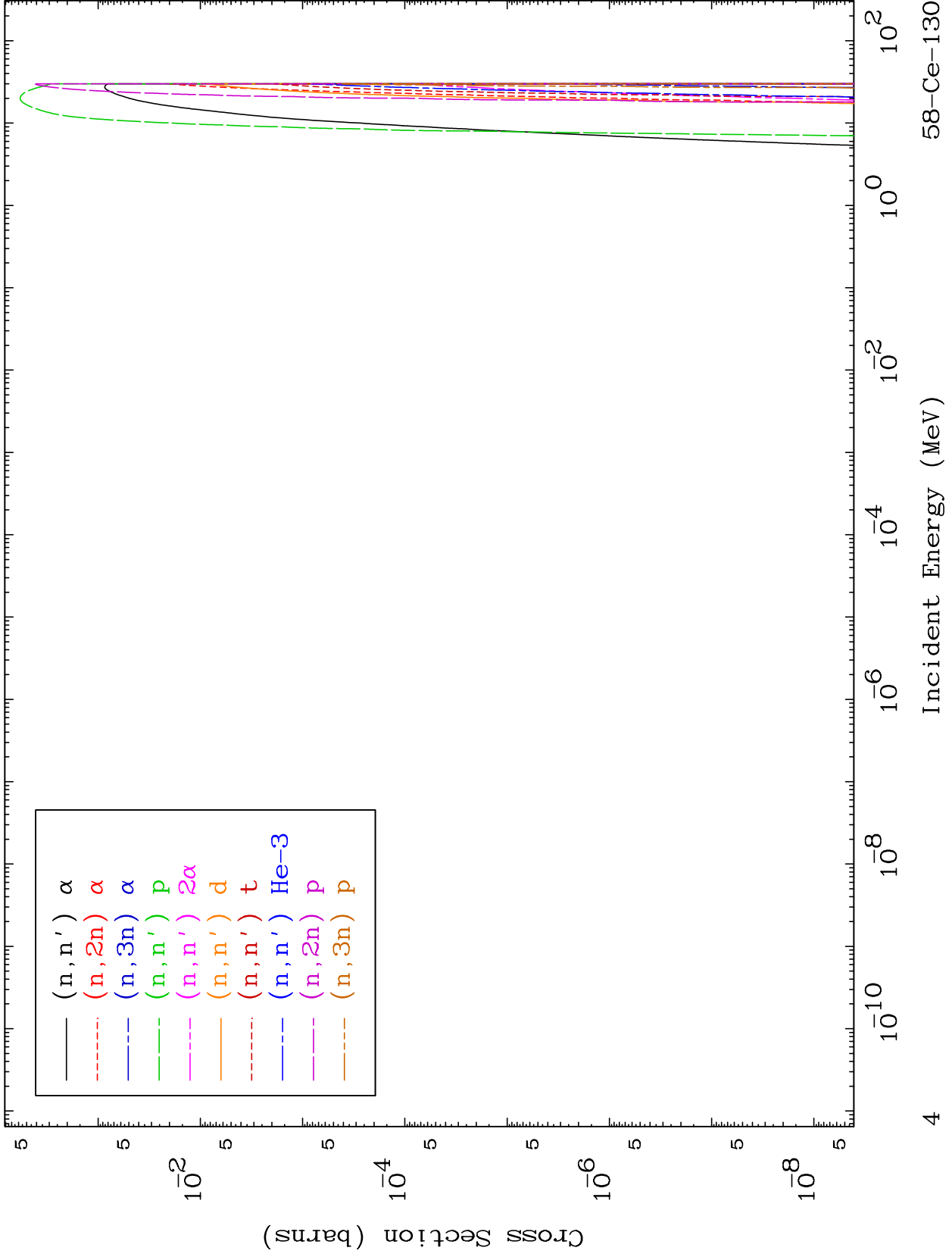
58-Ce-130

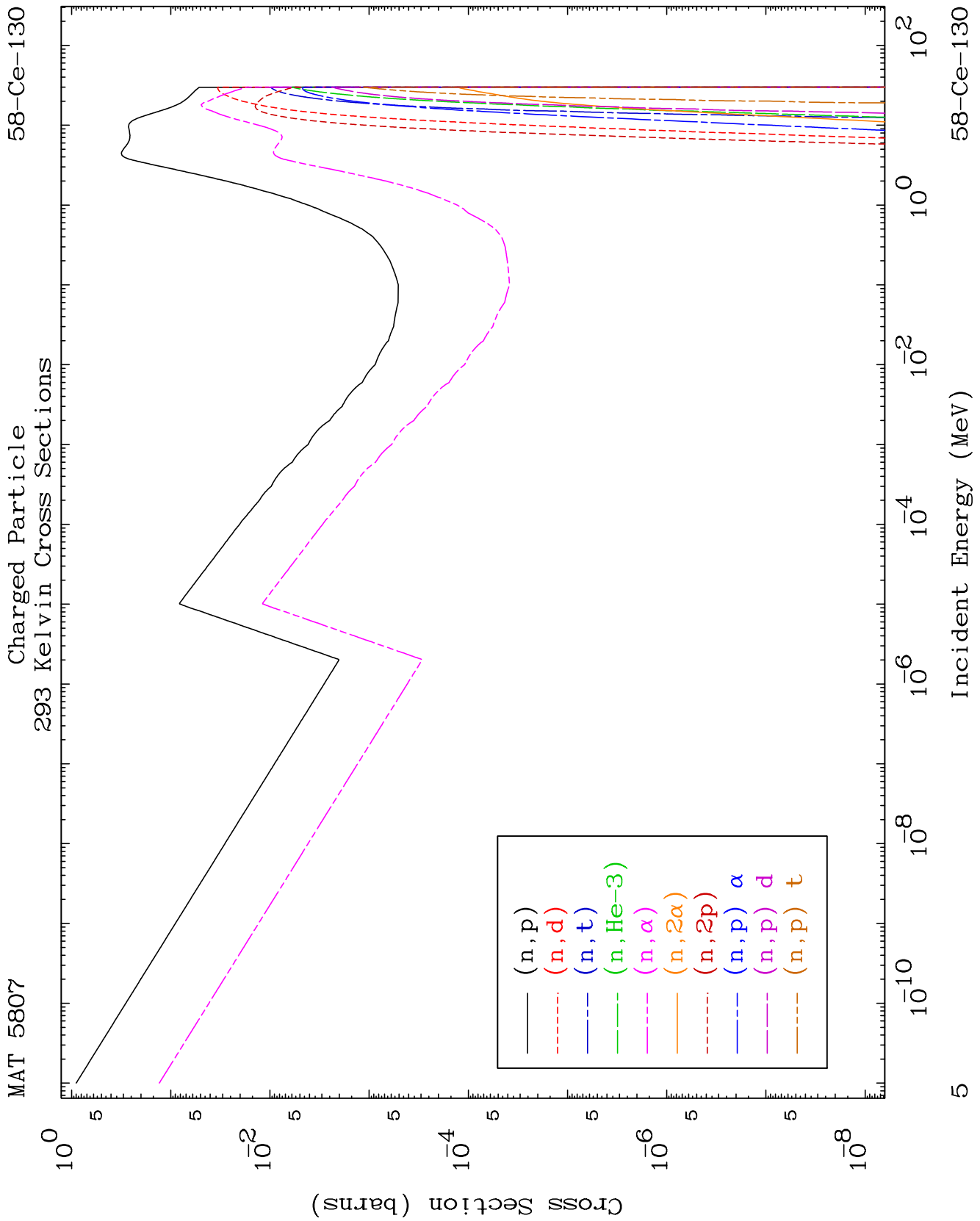


MAT 5807

Charged Particle
293 Kelvin Cross Sections

58-Ce-130

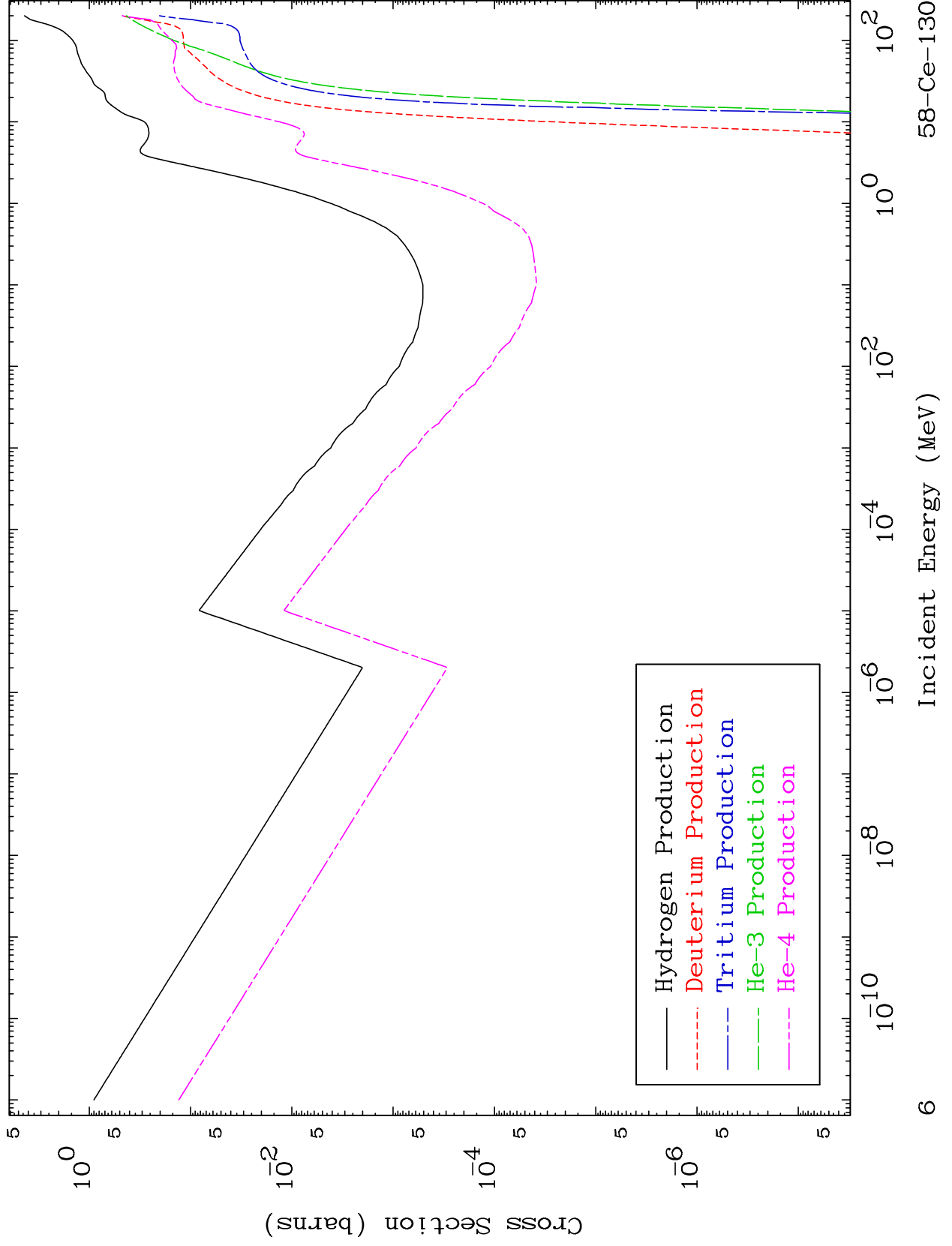




MAT 5807

Particle Production
293 Kelvin Cross Sections

58-Ce-130

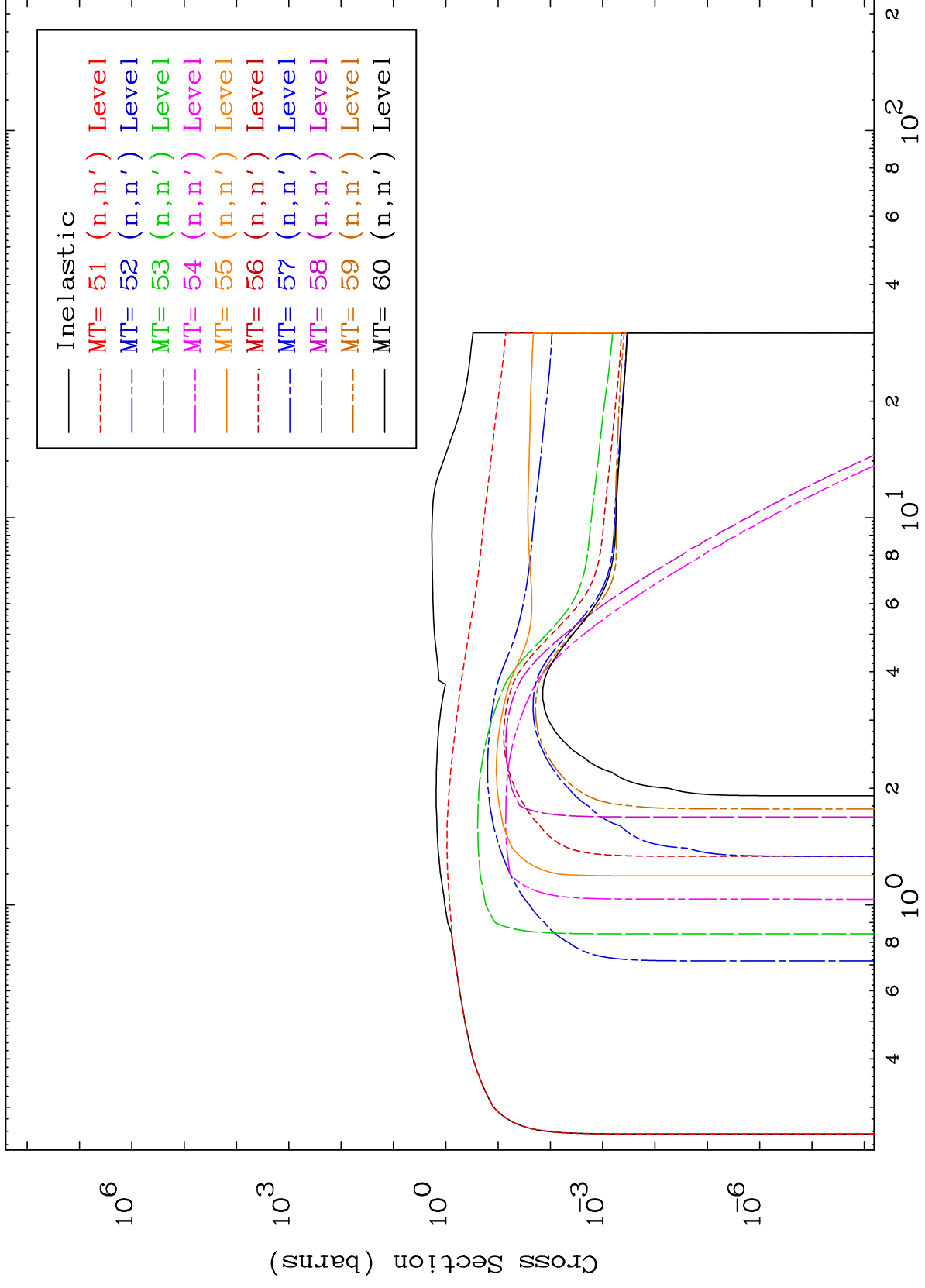


MAT 5807

(n,n') Level

58-Ce-130

293 Kelvin Cross Sections

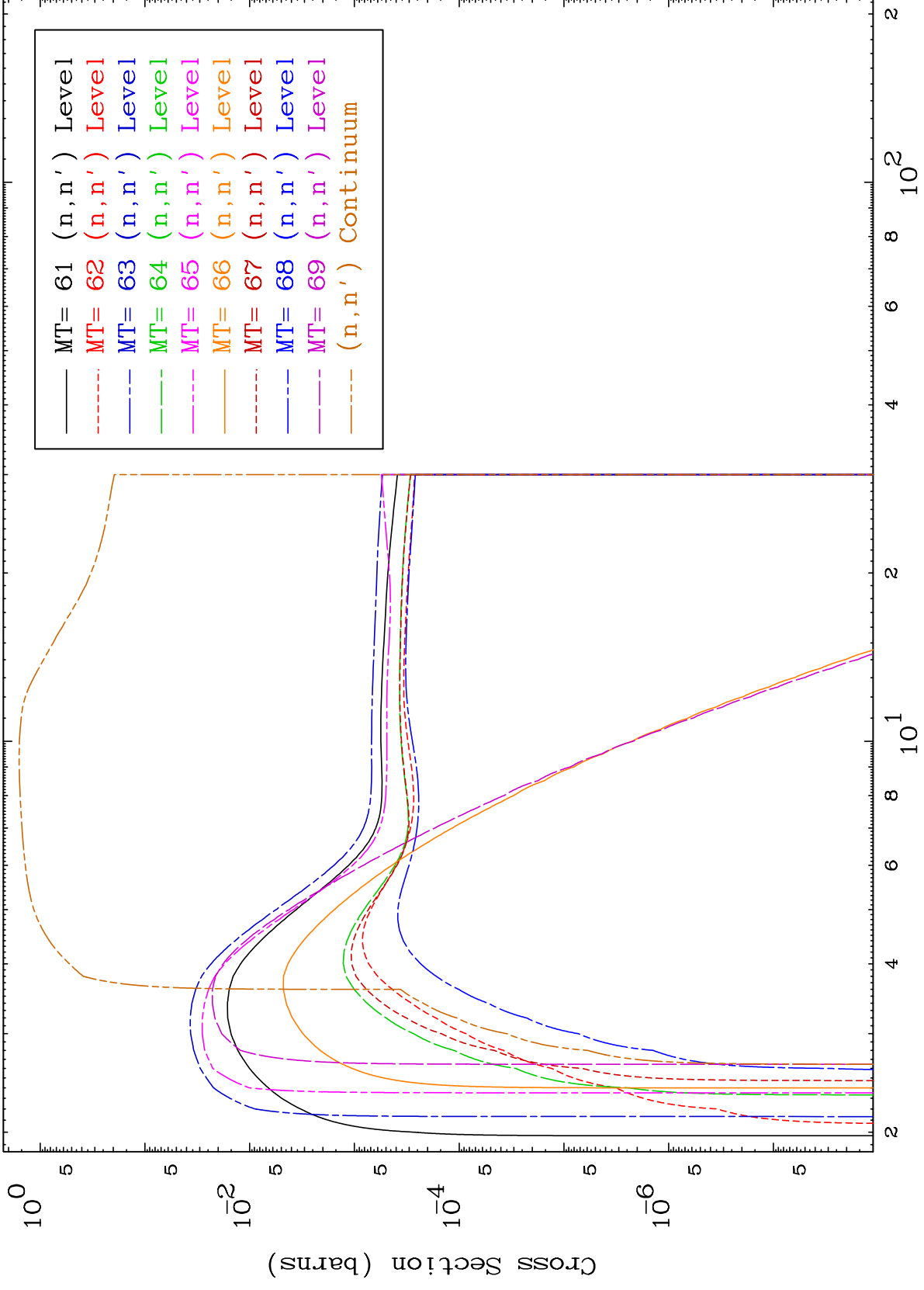


MAT 5807

(n,n') Level

58-Ce-130

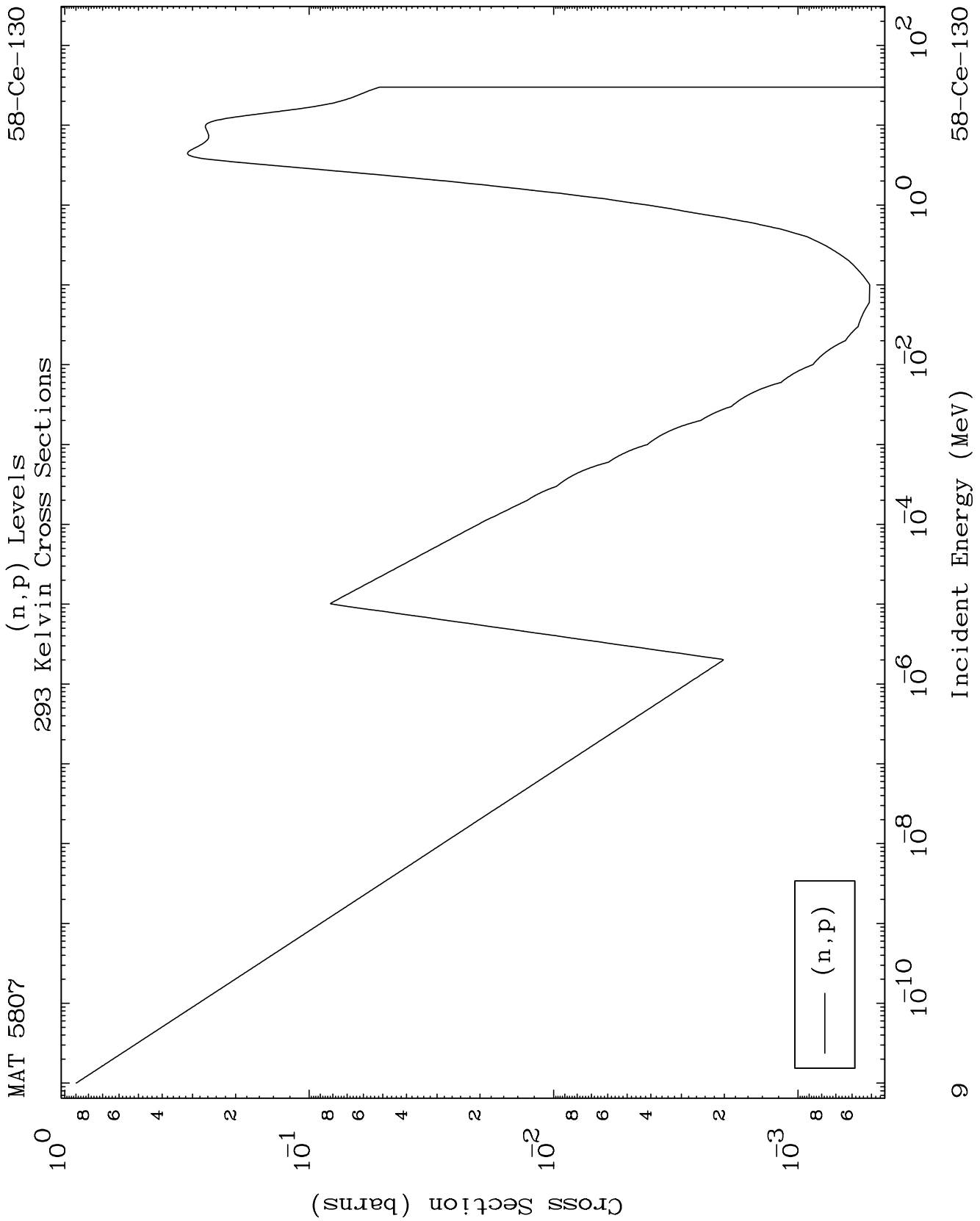
293 Kelvin Cross Sections



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Incident Energy (MeV)

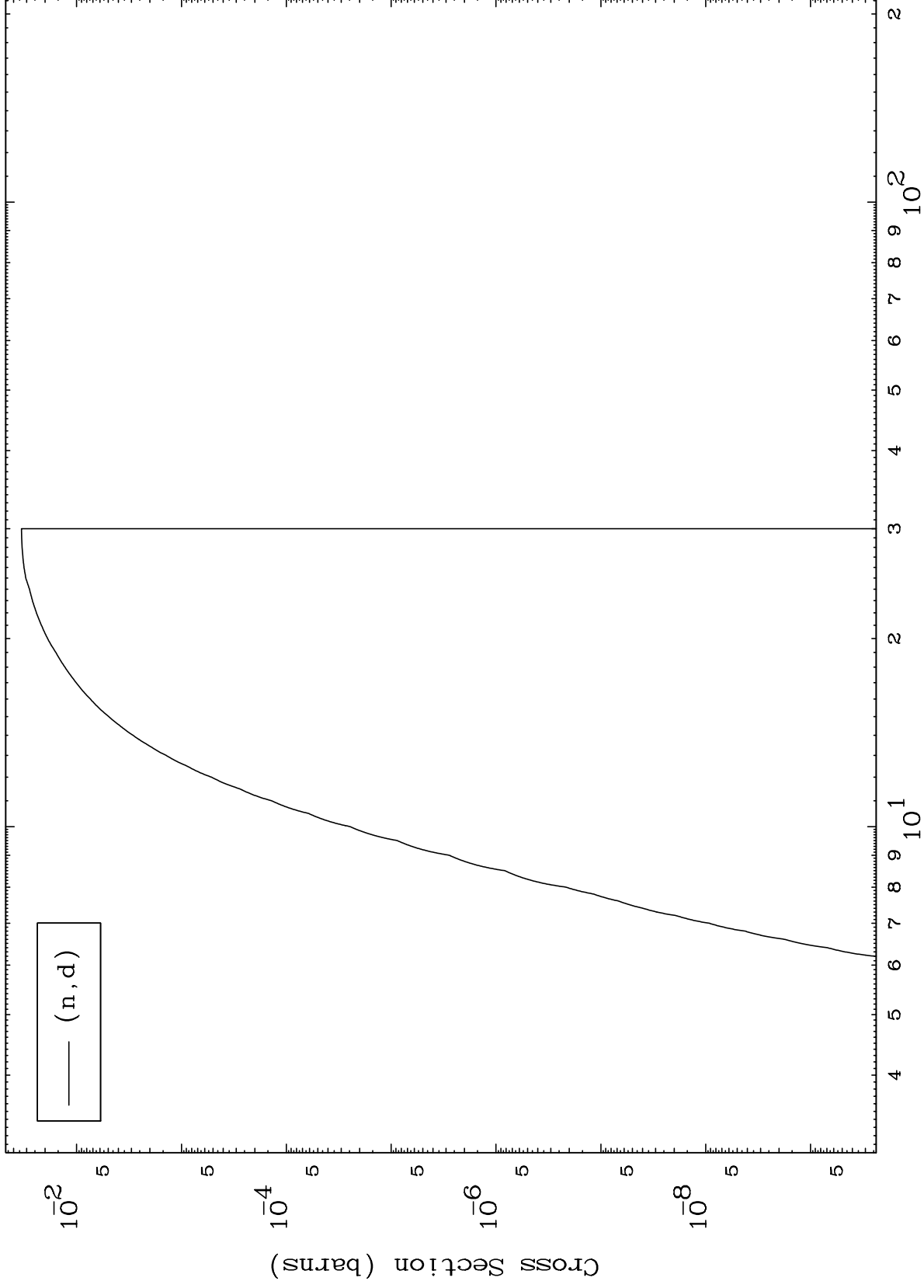
58-Ce-130



MAT 5807

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-130



10

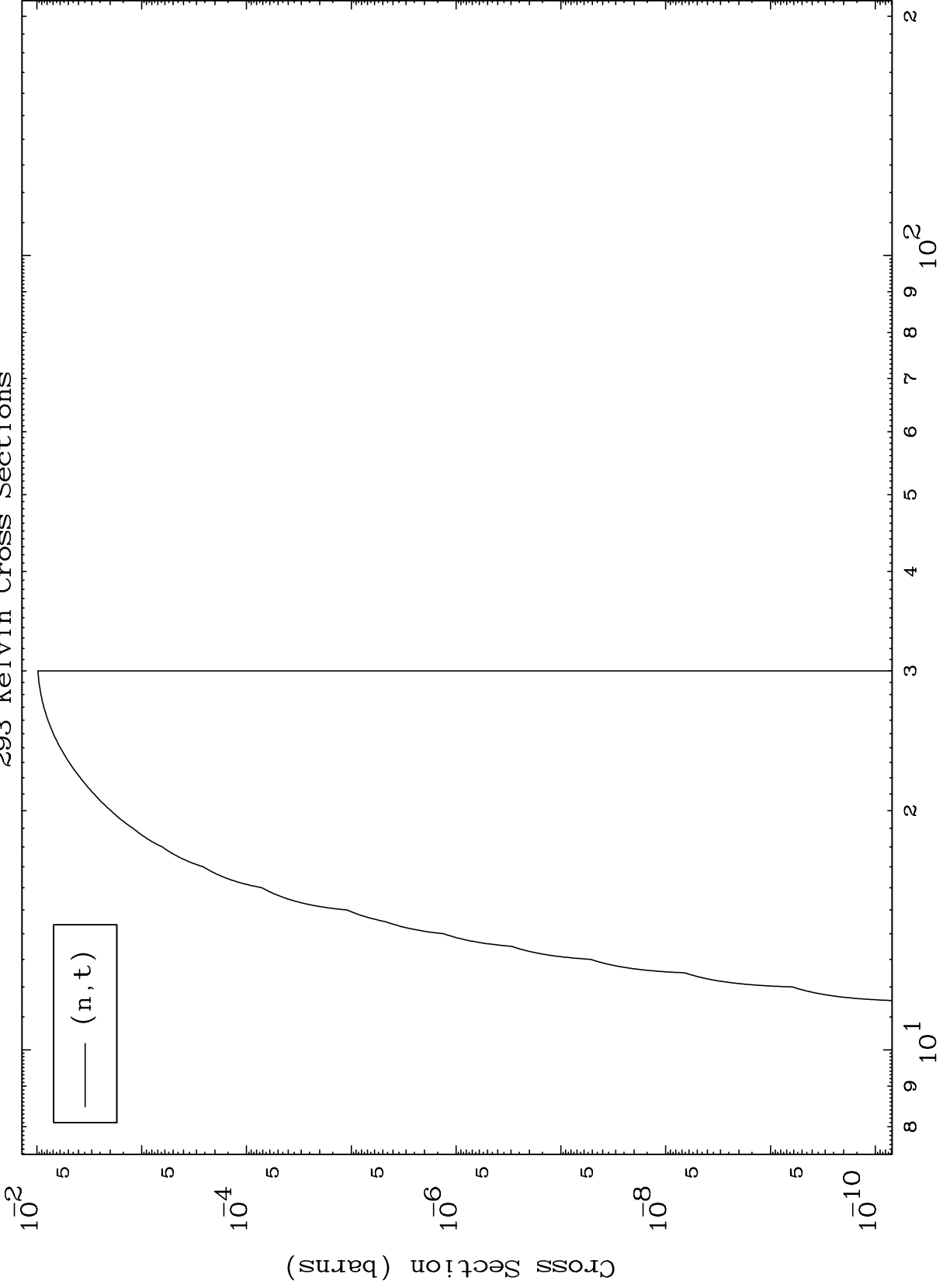
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-130



11

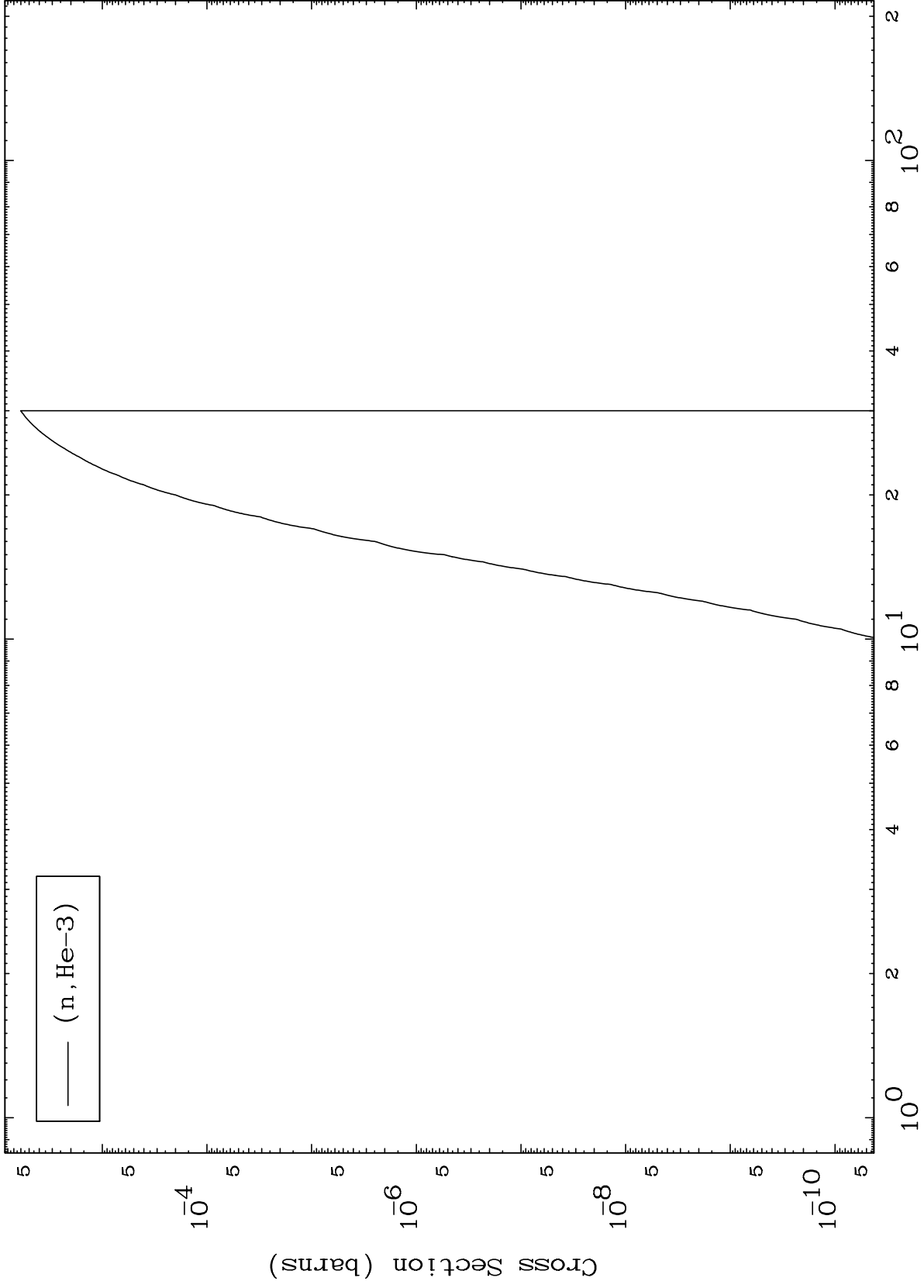
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-130



12

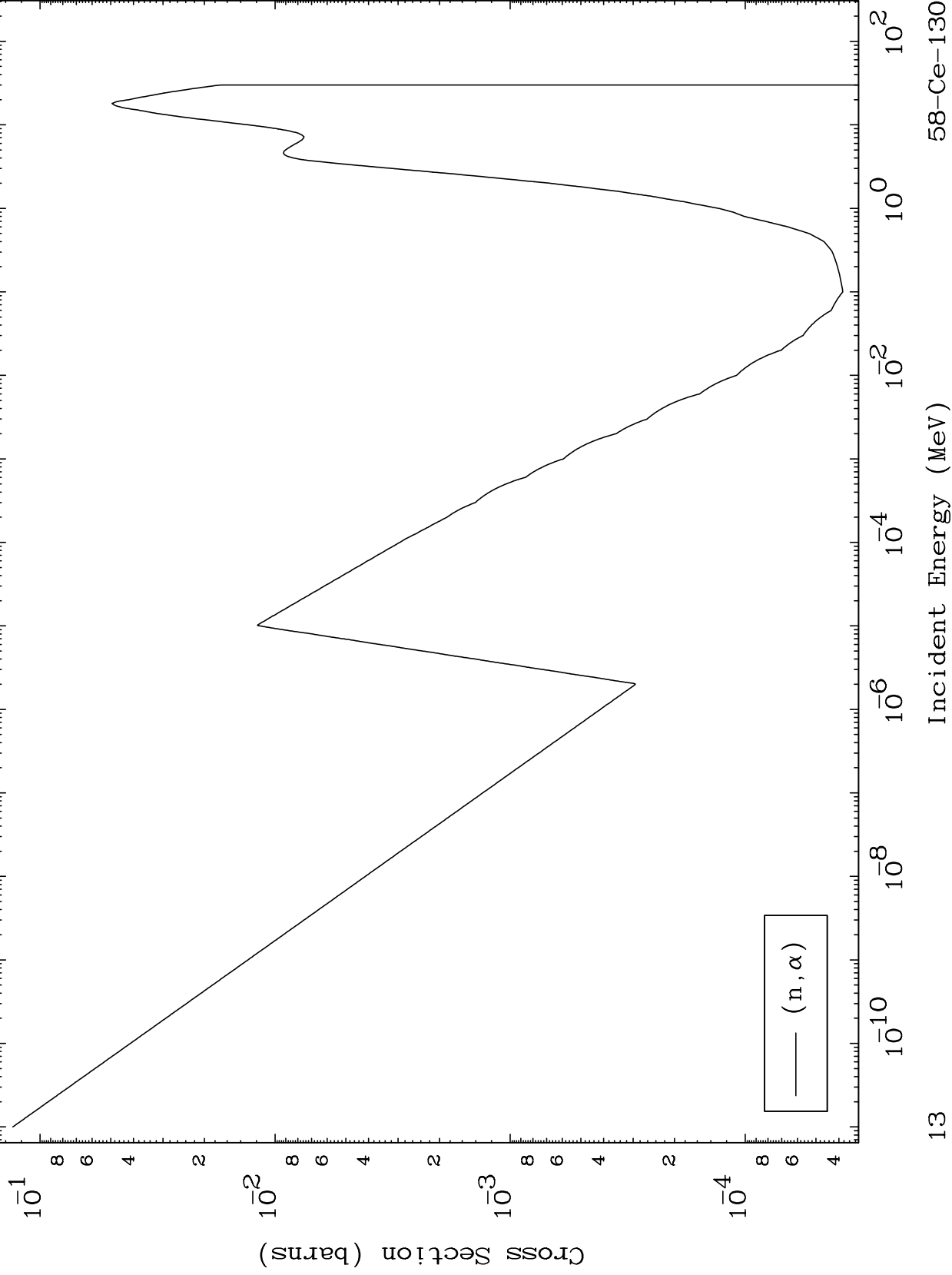
Incident Energy (MeV)

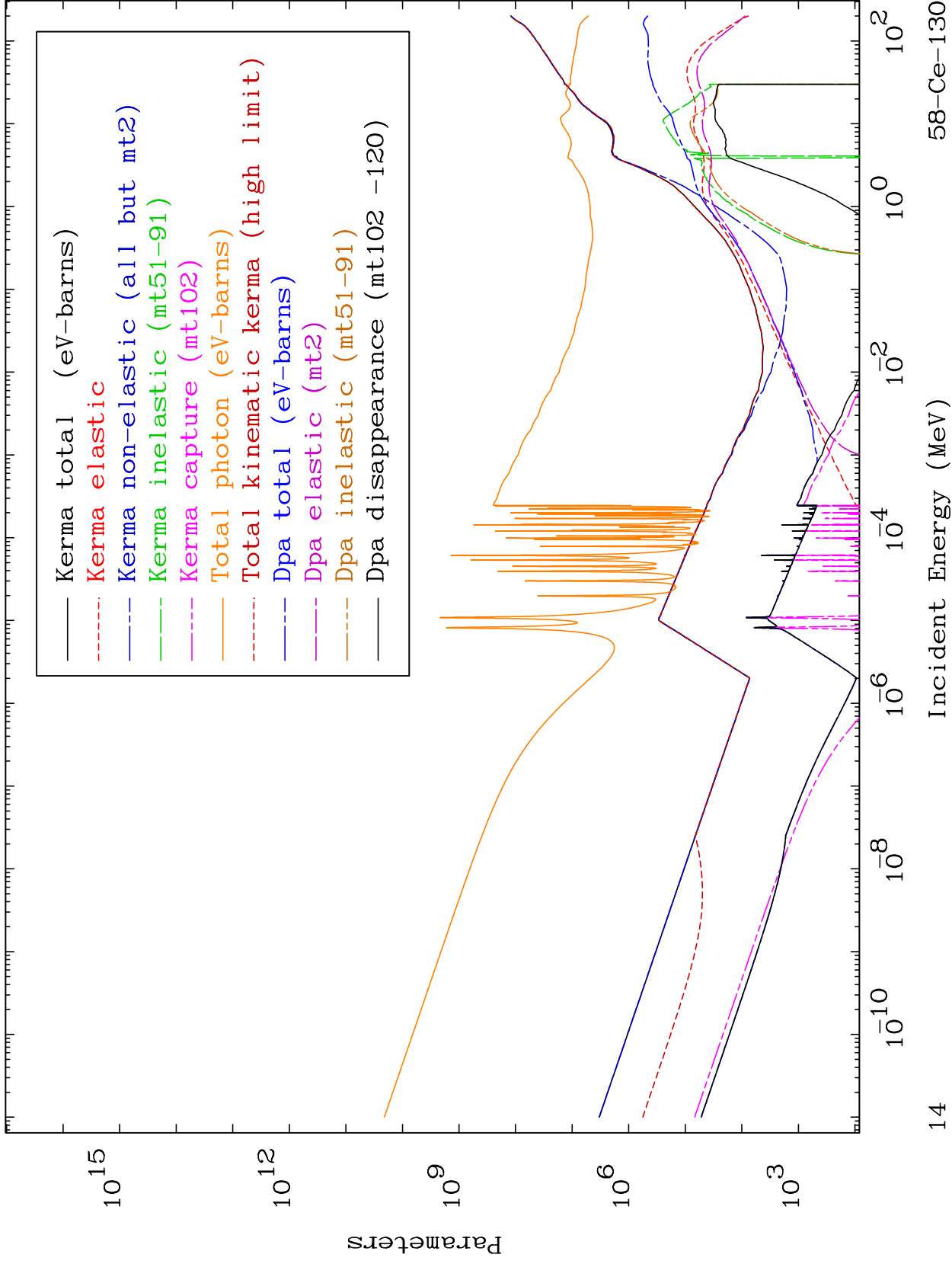
58-Ce-130

MAT 5807

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-130

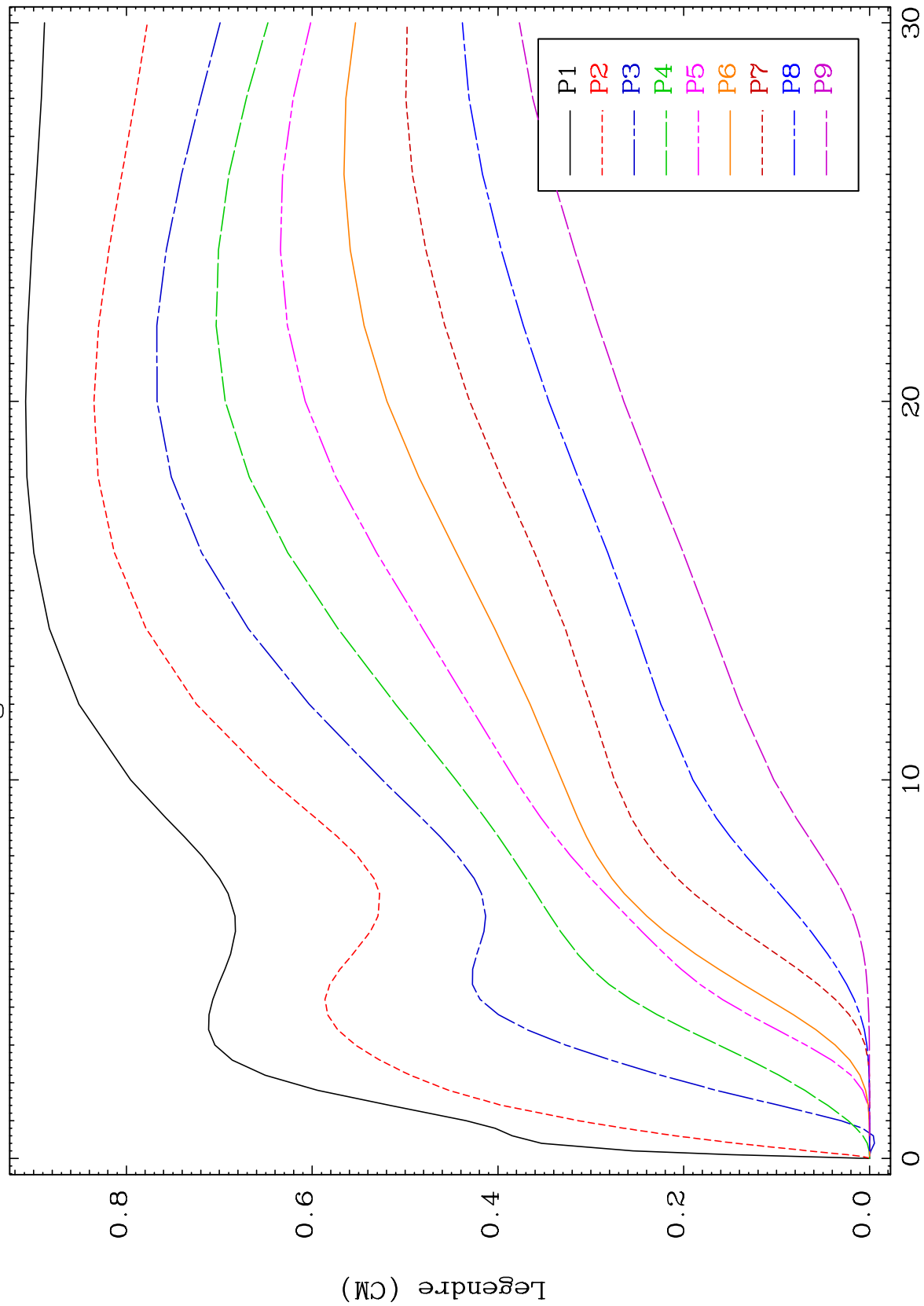




MAT 5807

Elastic Legendre Coefficients

58-Ce-130



58-Ce-130

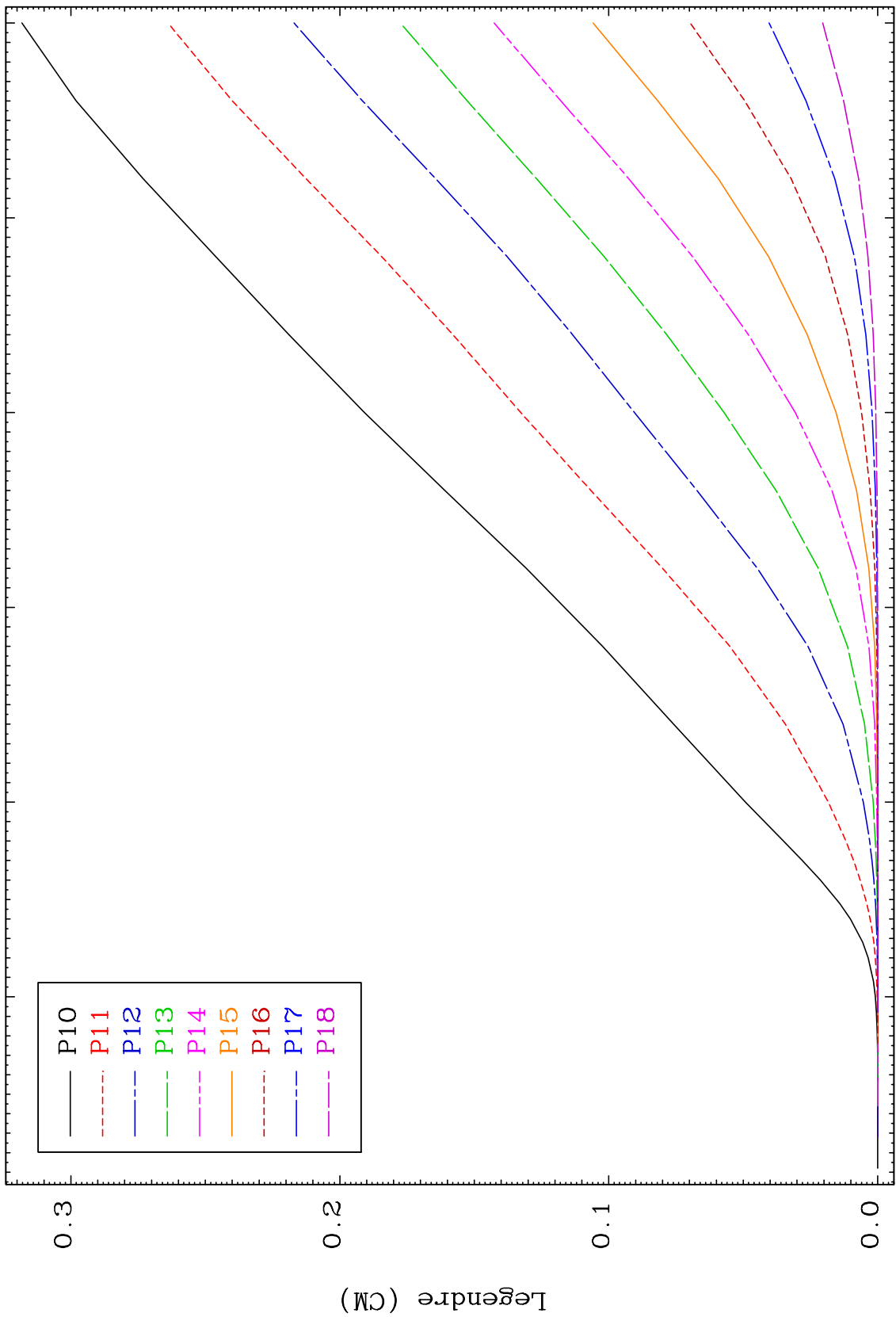
Incident Energy (MeV)

15

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



16

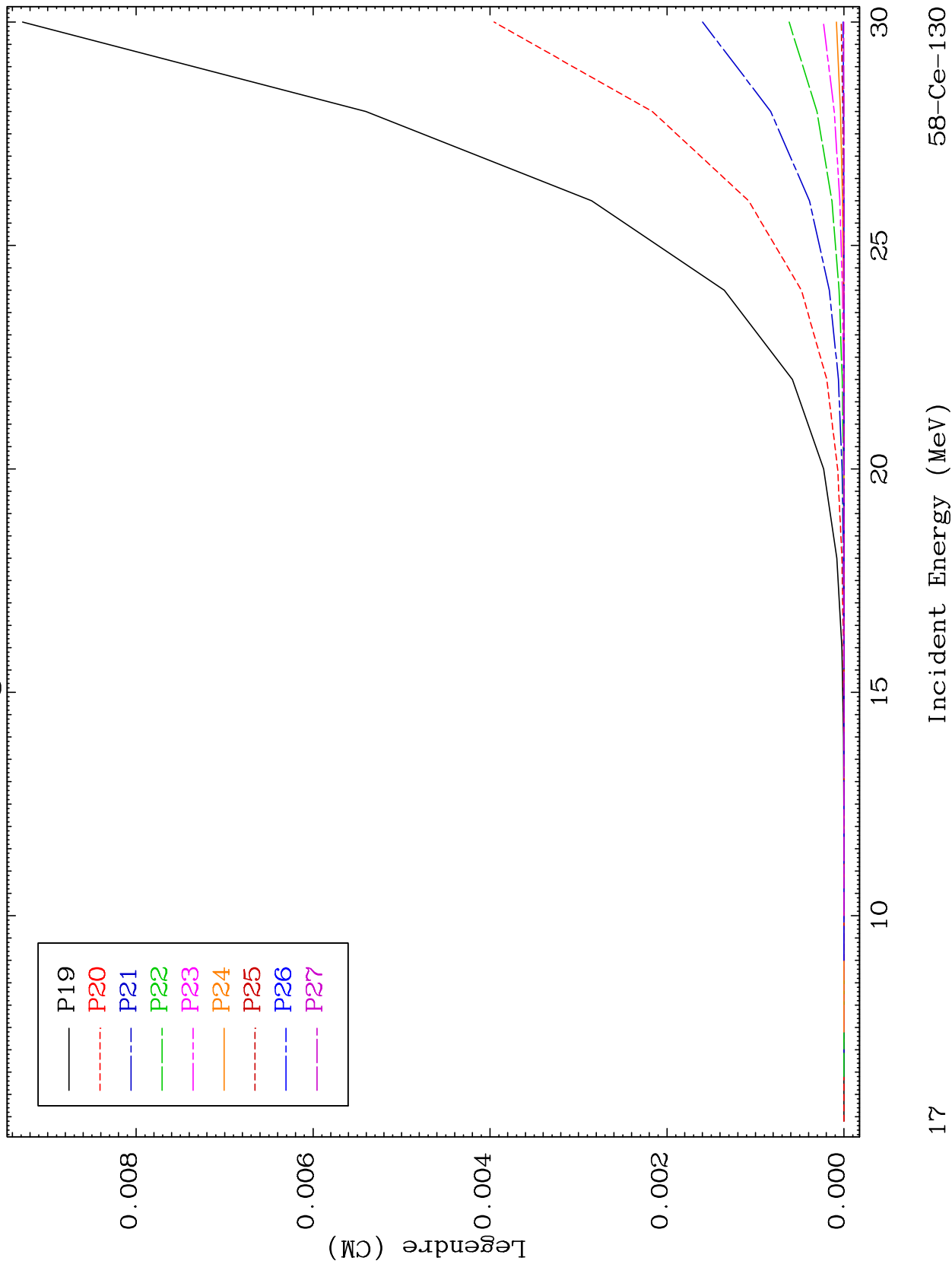
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



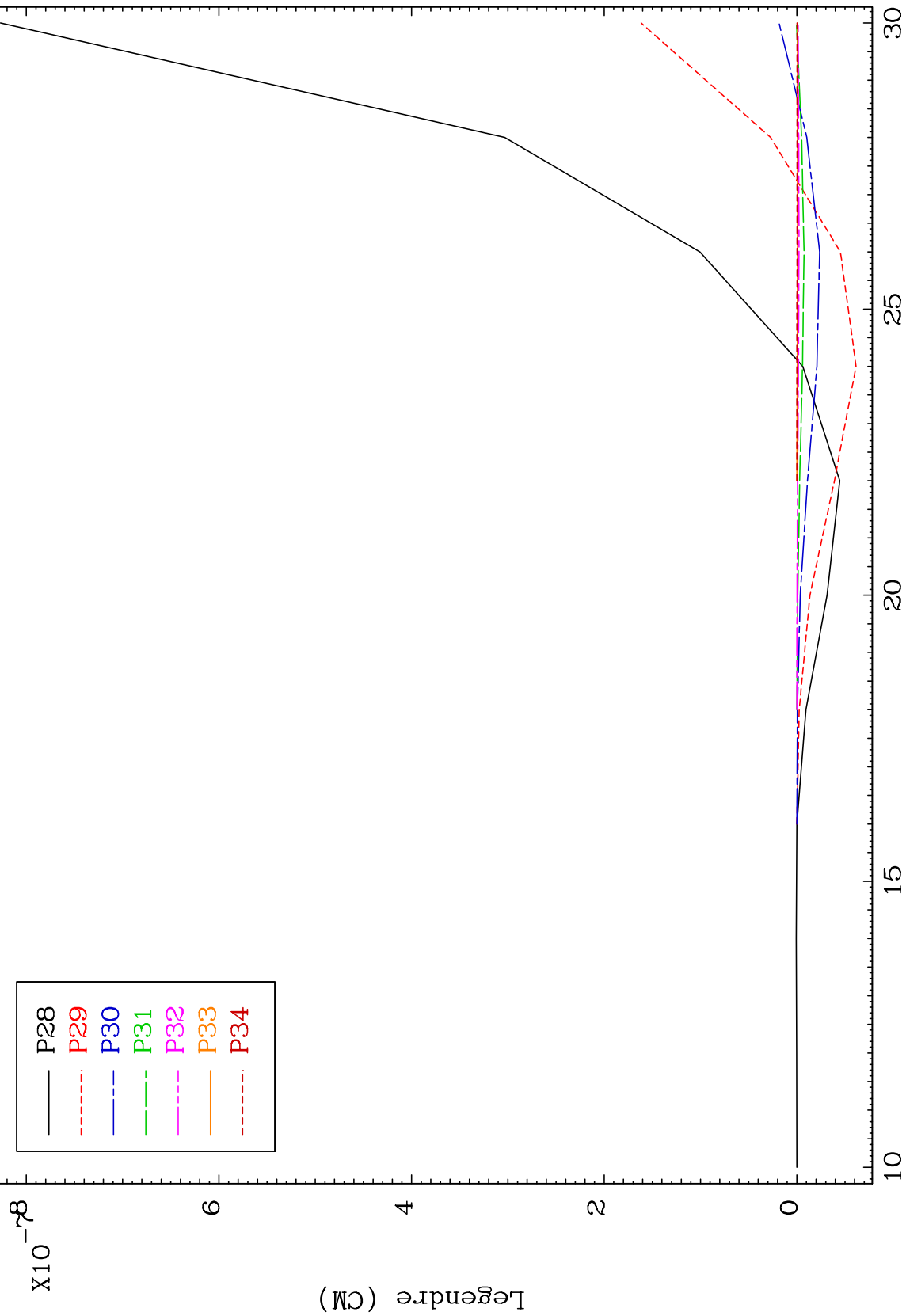
17

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



18

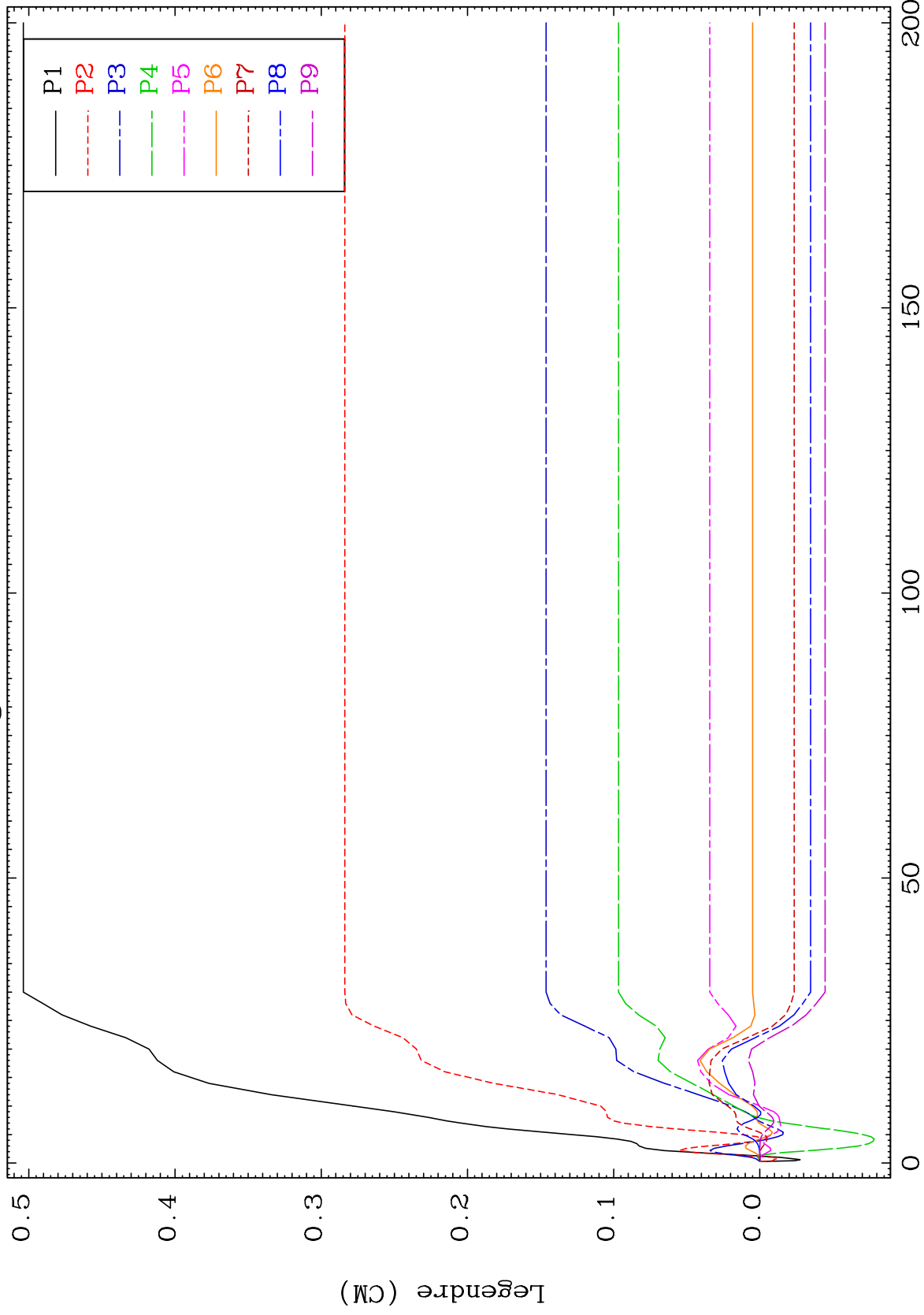
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



19

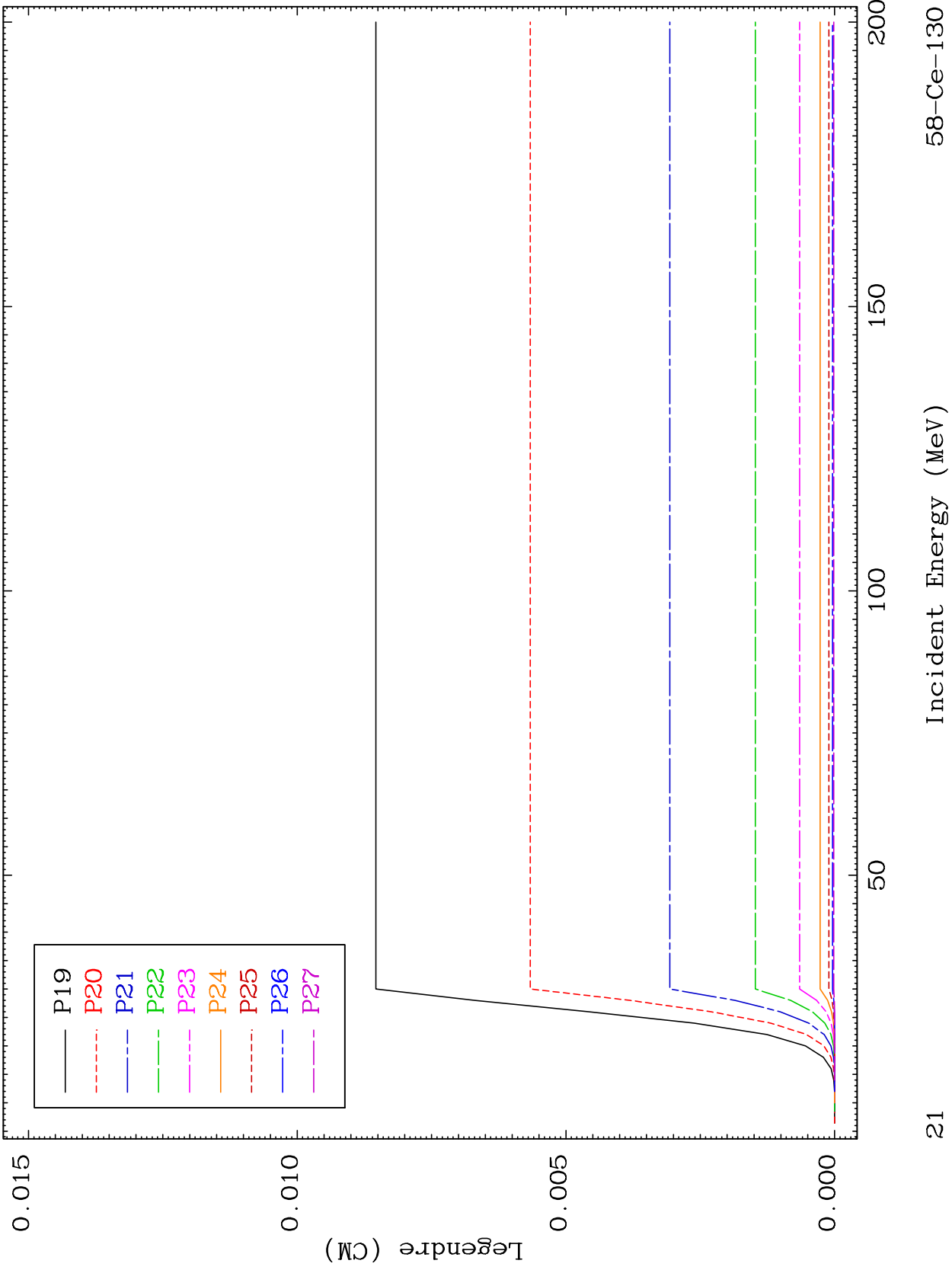
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



21

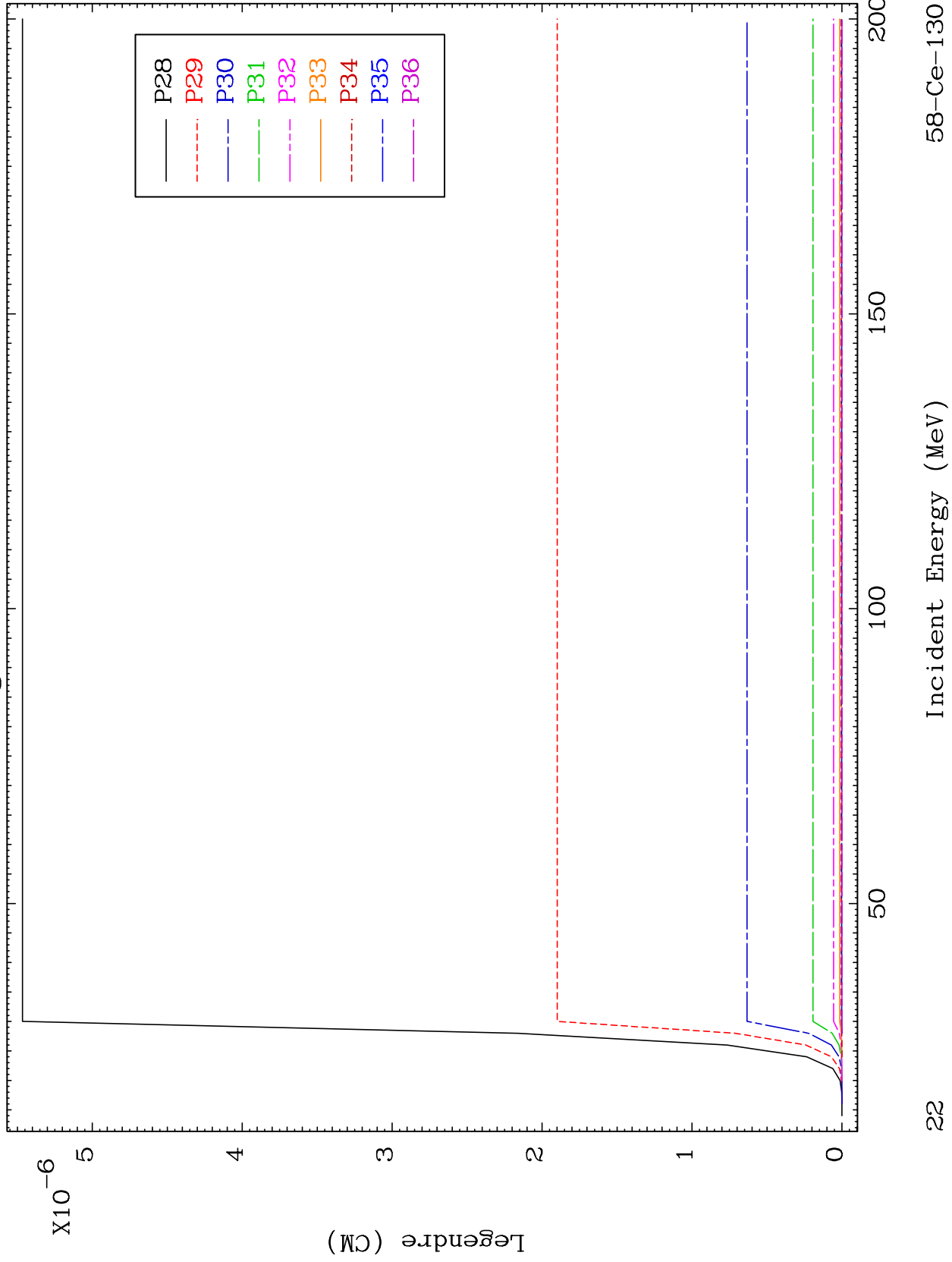
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



22

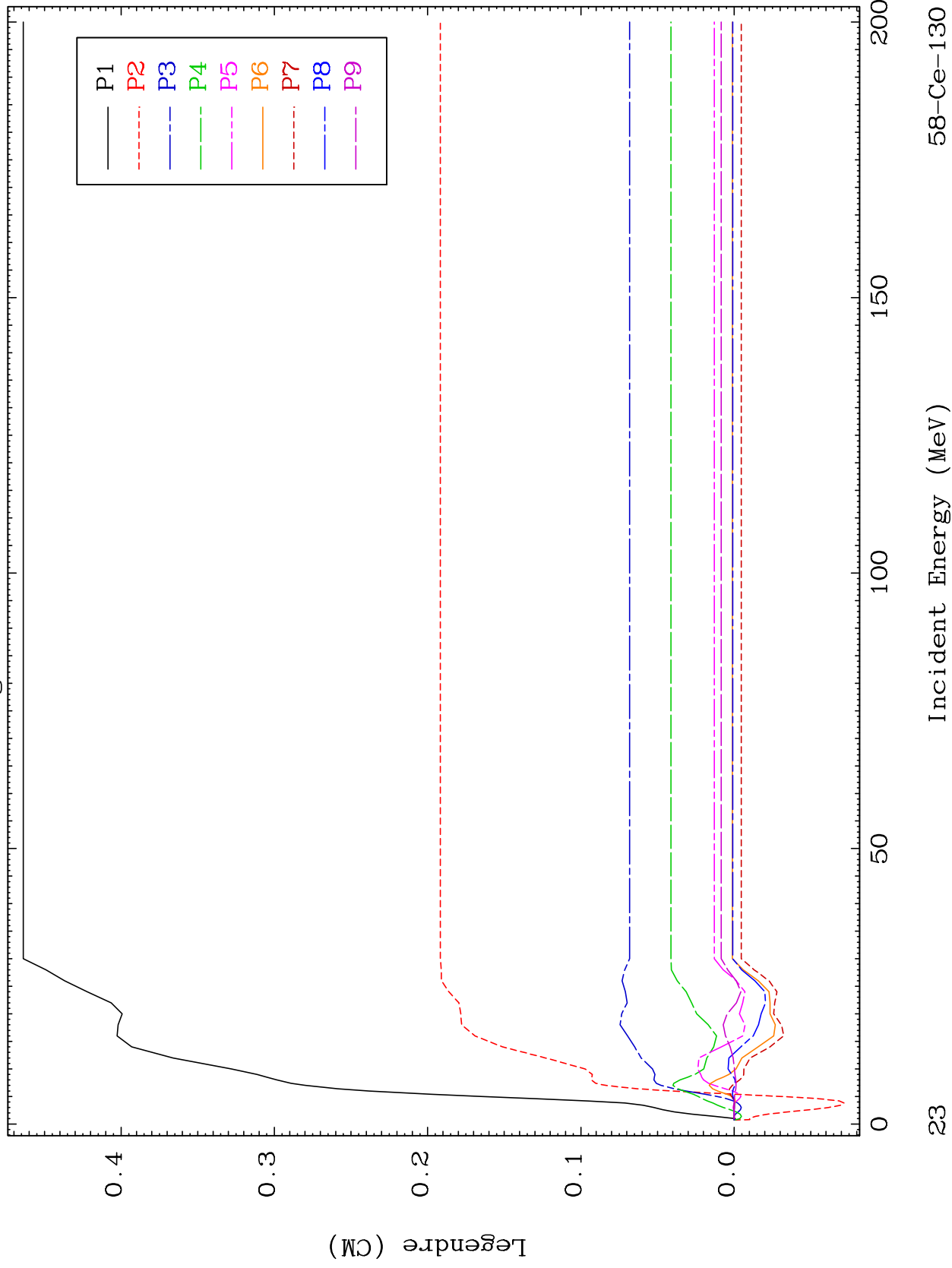
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

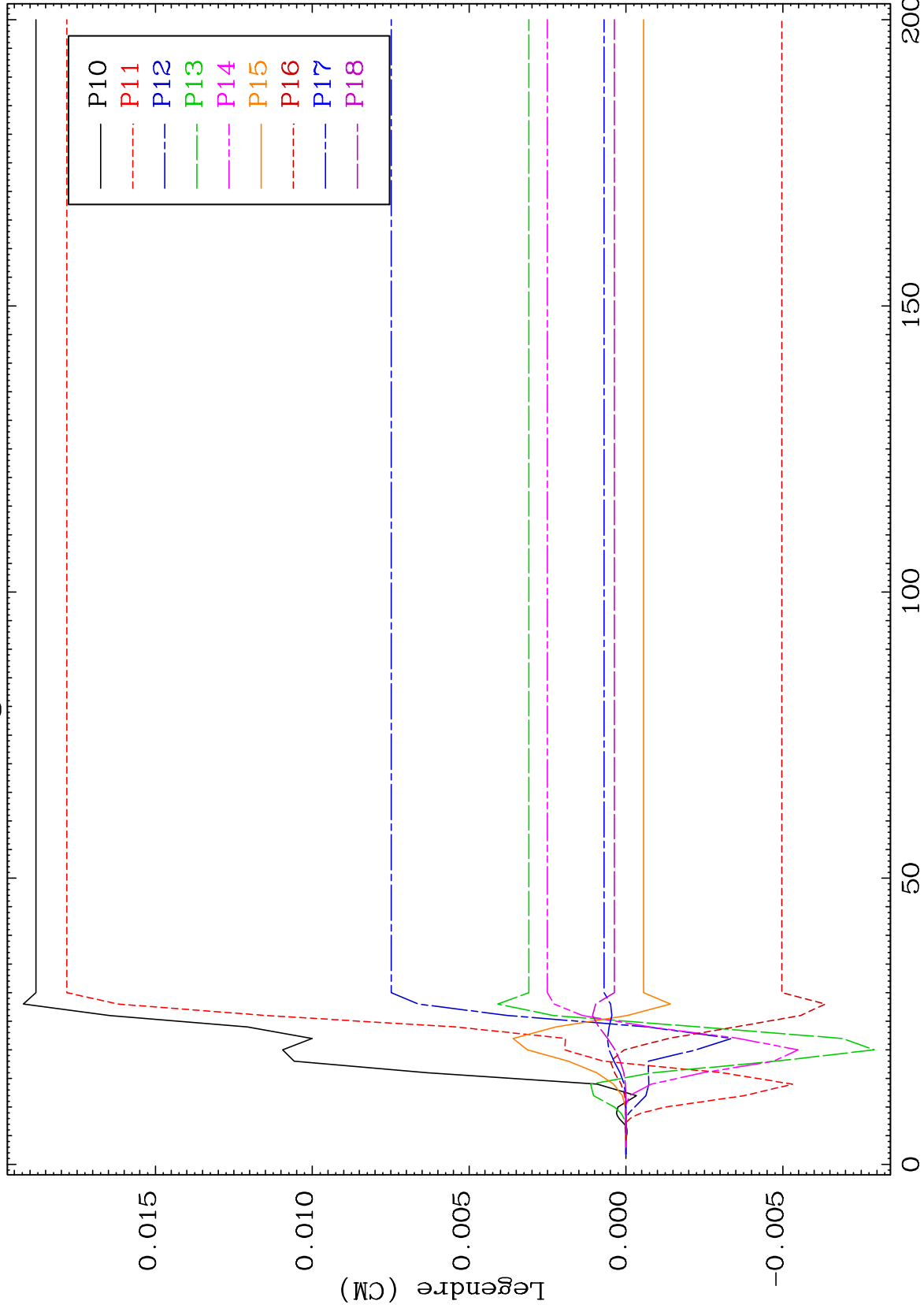
Incident Energy (MeV)

23

MAT 5807

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

58-Ce-130



24

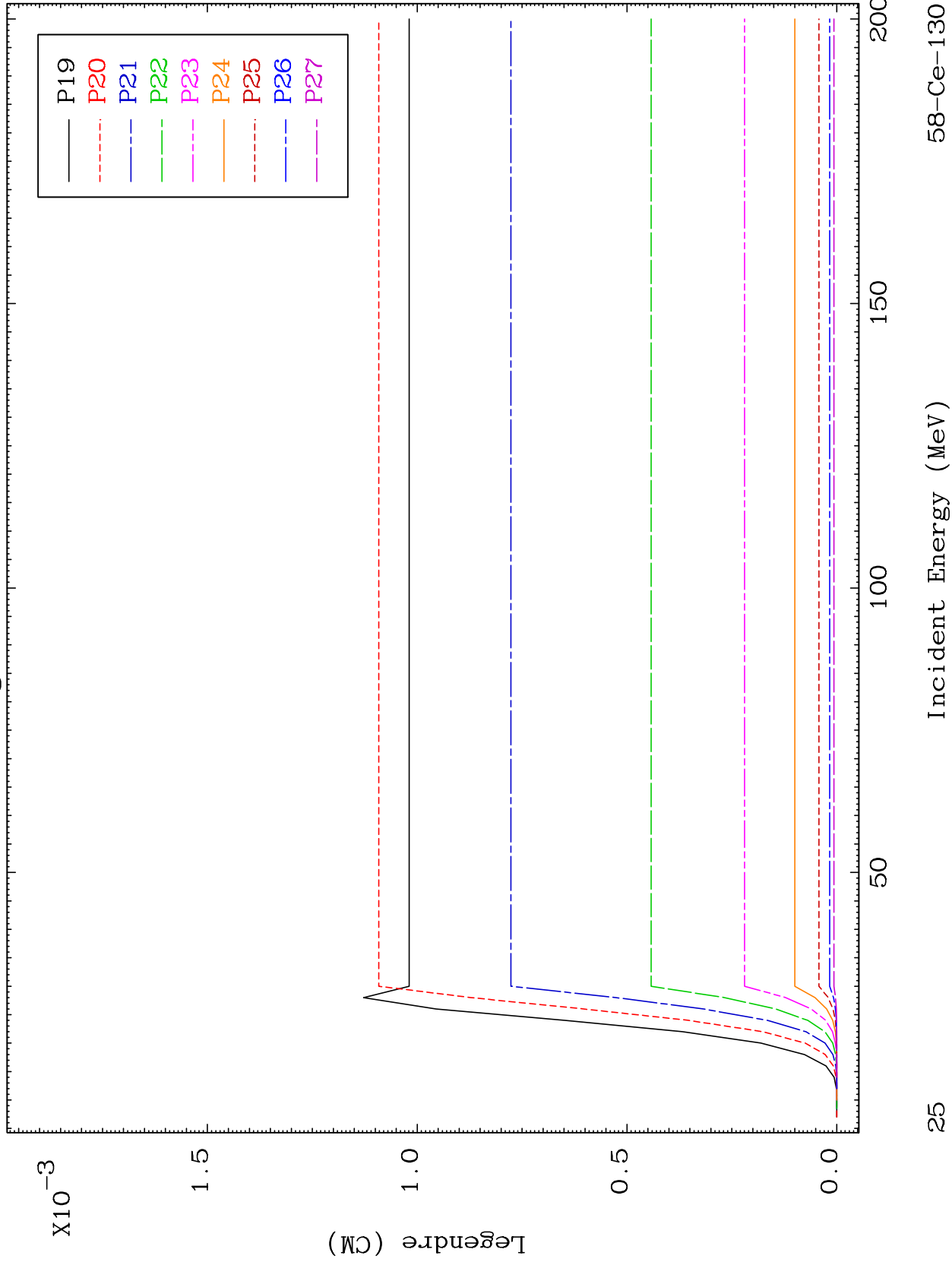
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

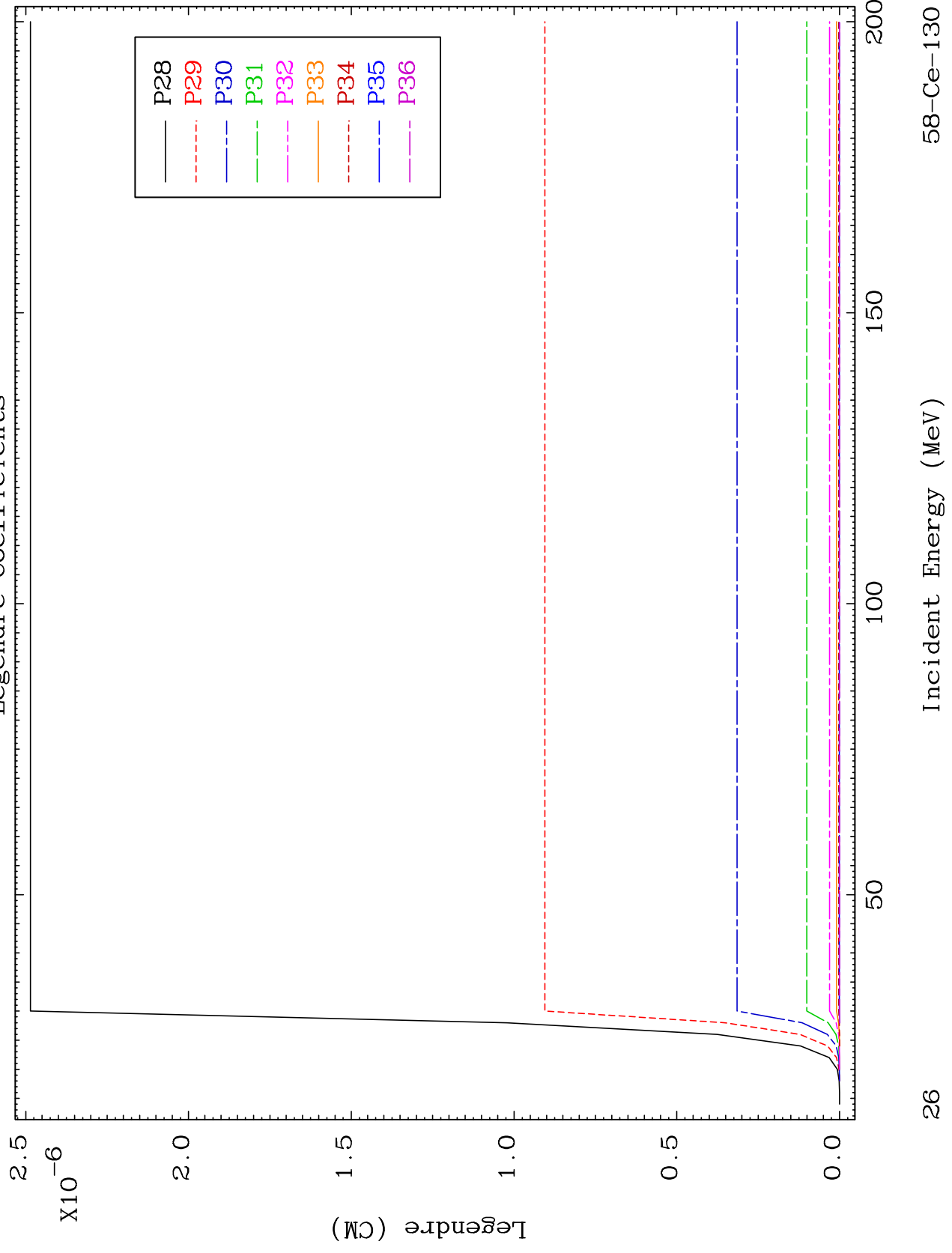
58-Ce-130



MAT 5807

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

58-Ce-130



26

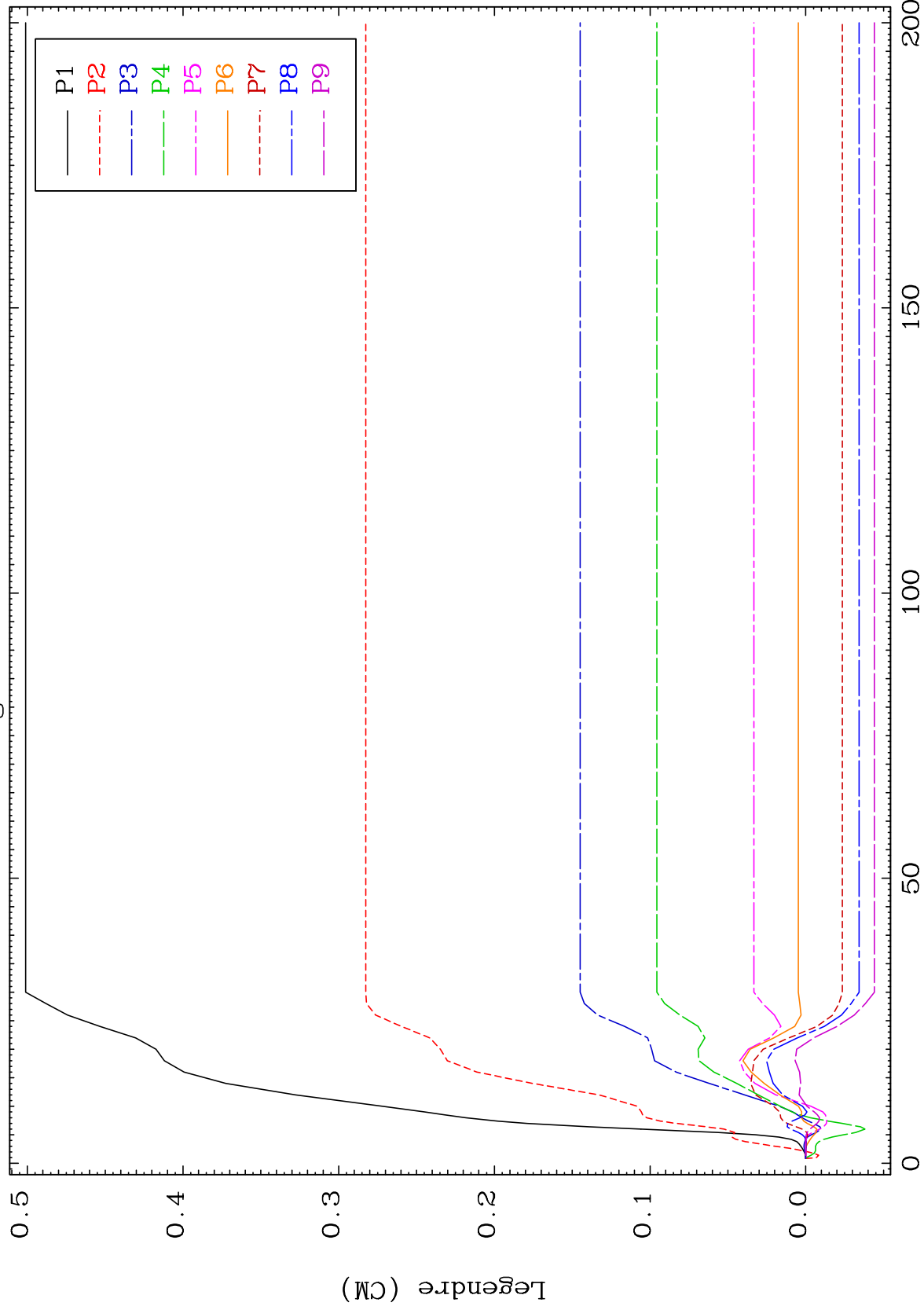
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



27

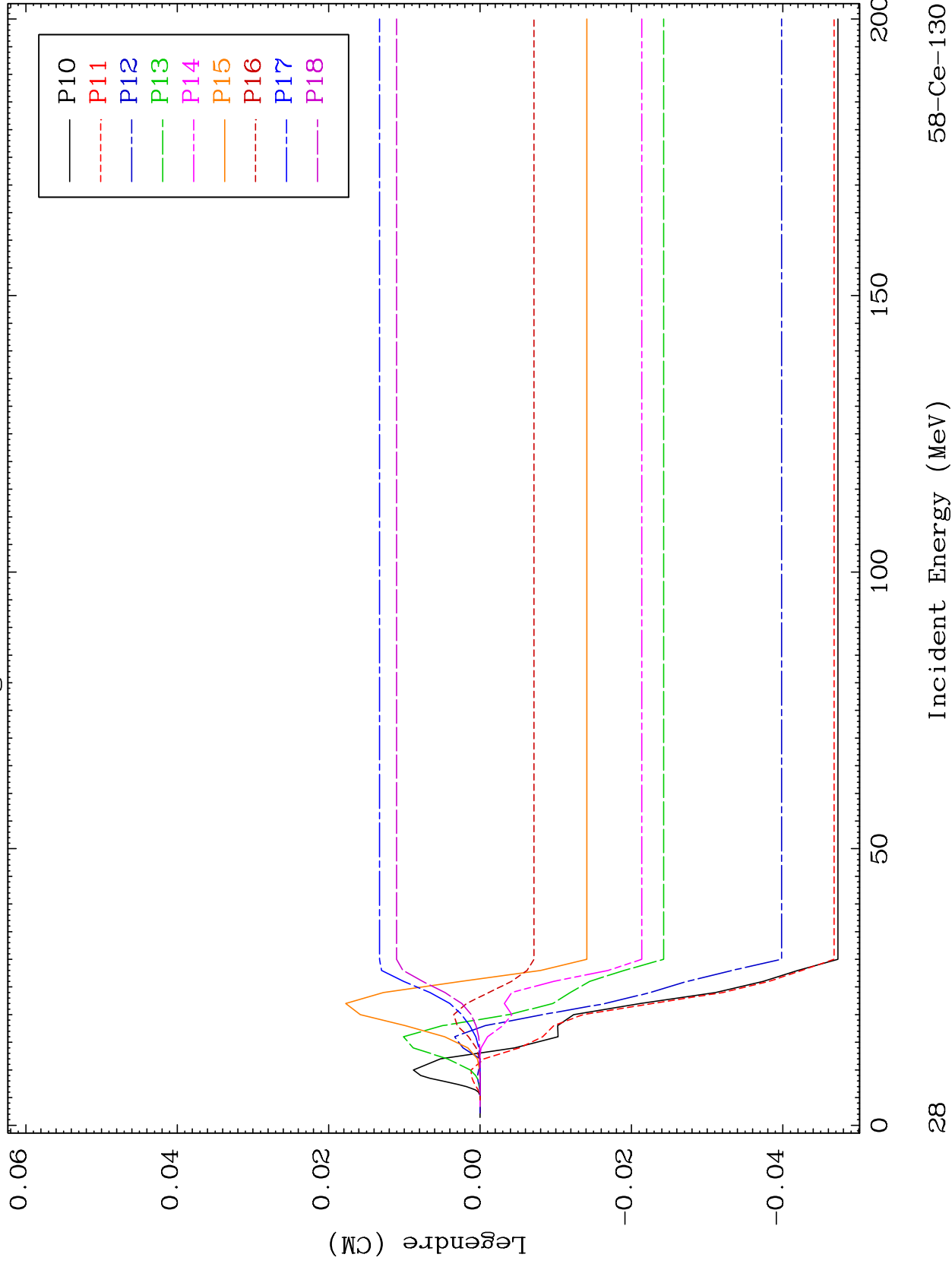
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

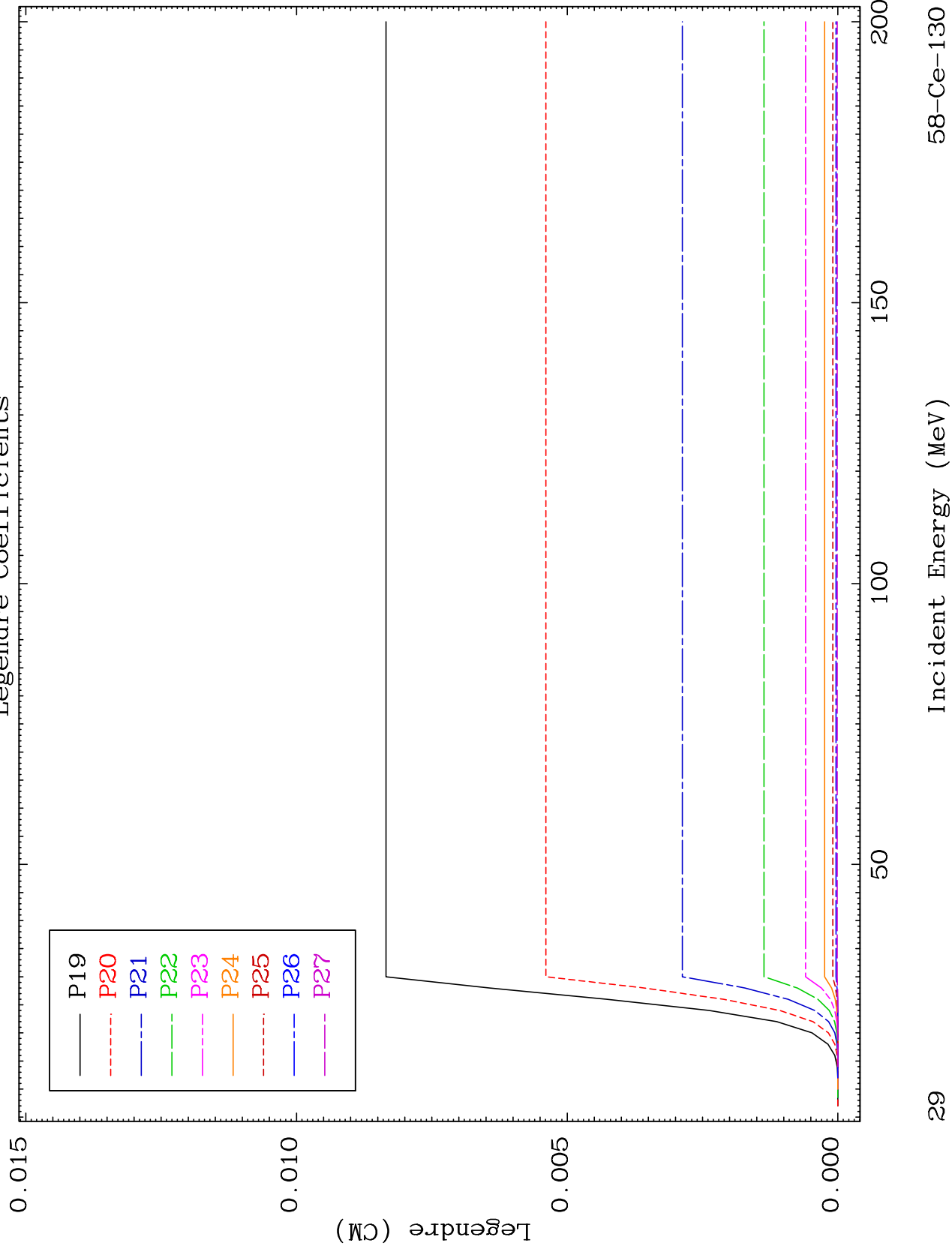
Incident Energy (MeV)

28

MAT 5807

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

58-Ce-130



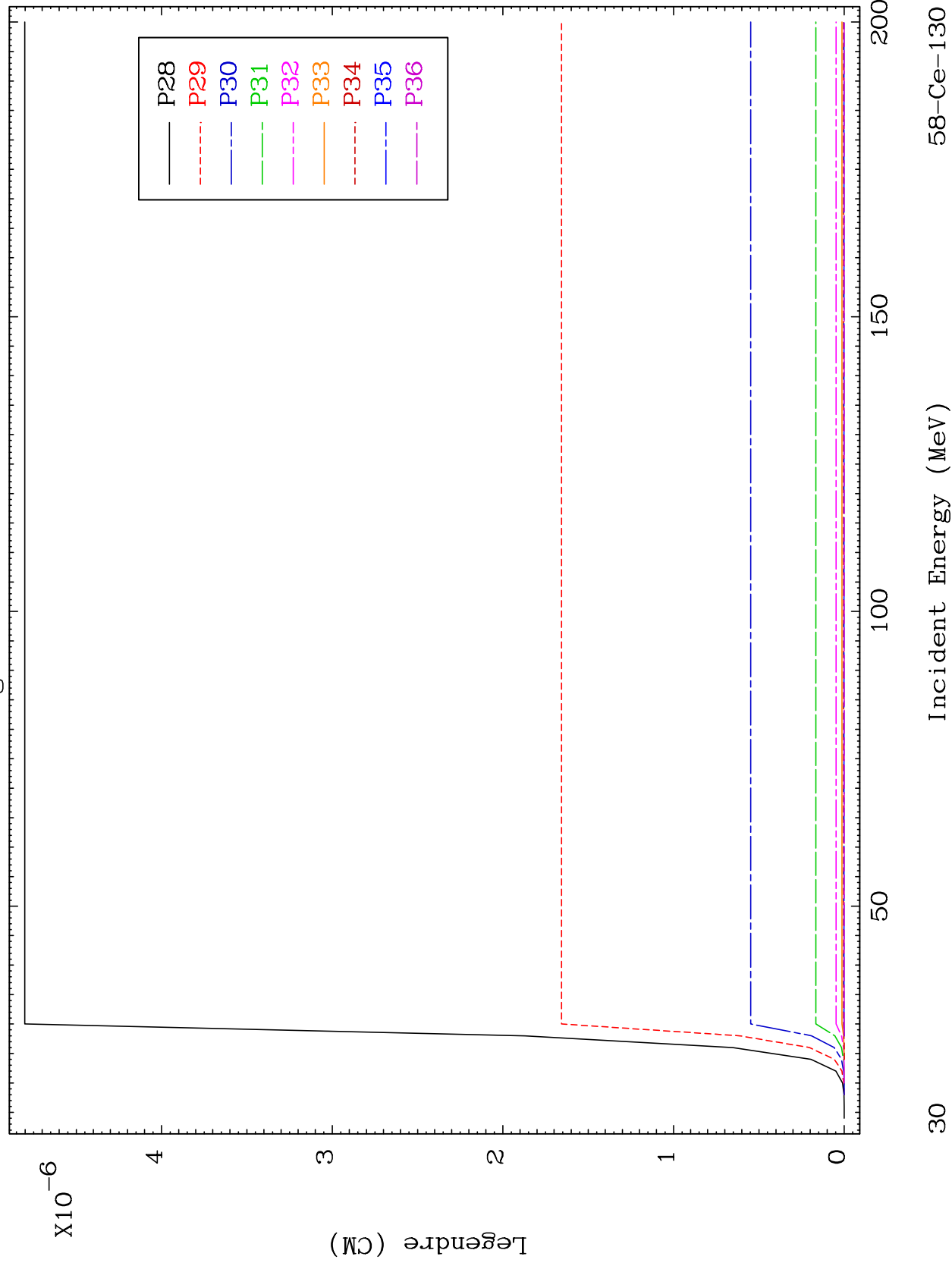
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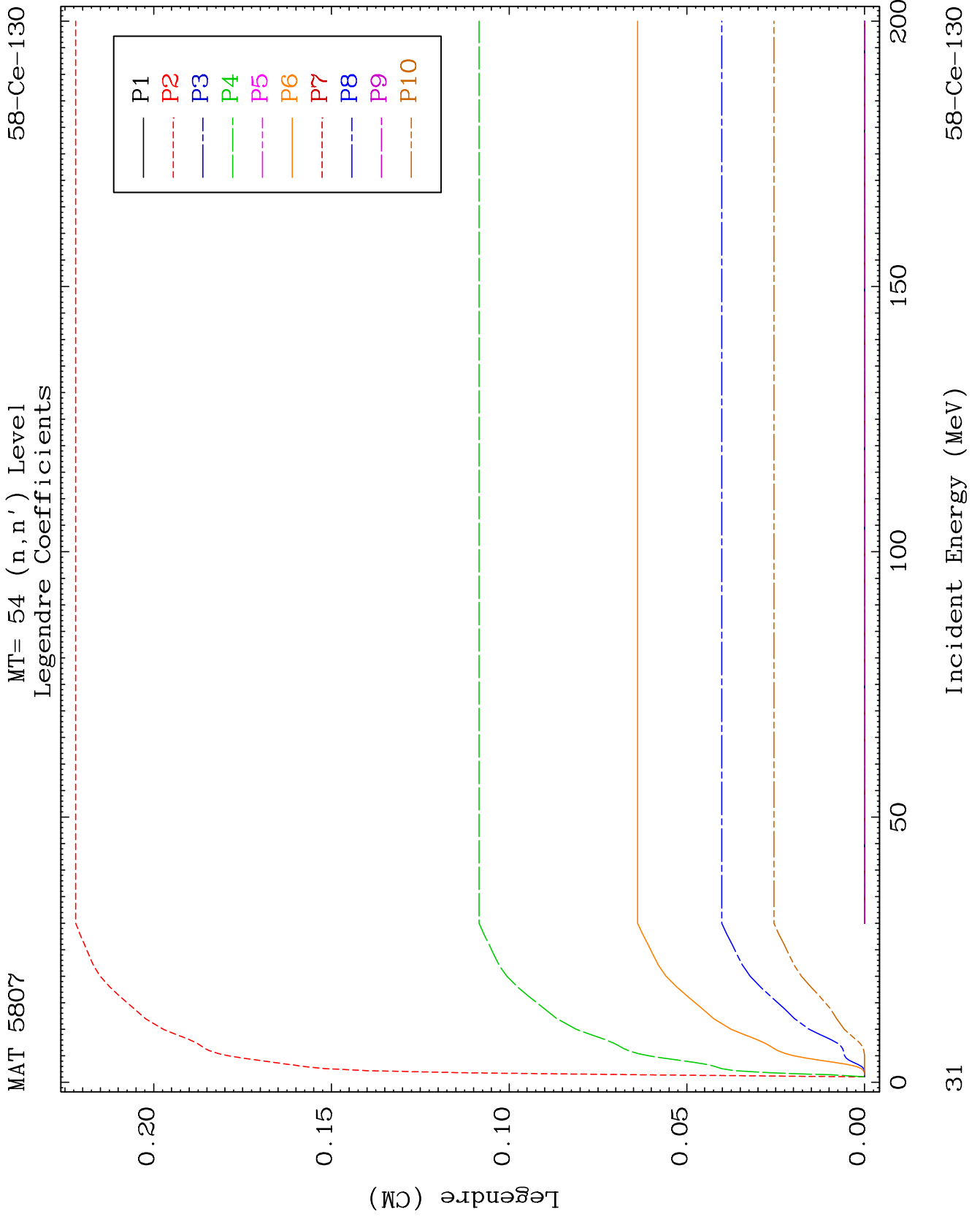
58-Ce-130

MAT 5807

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

58-Ce-130

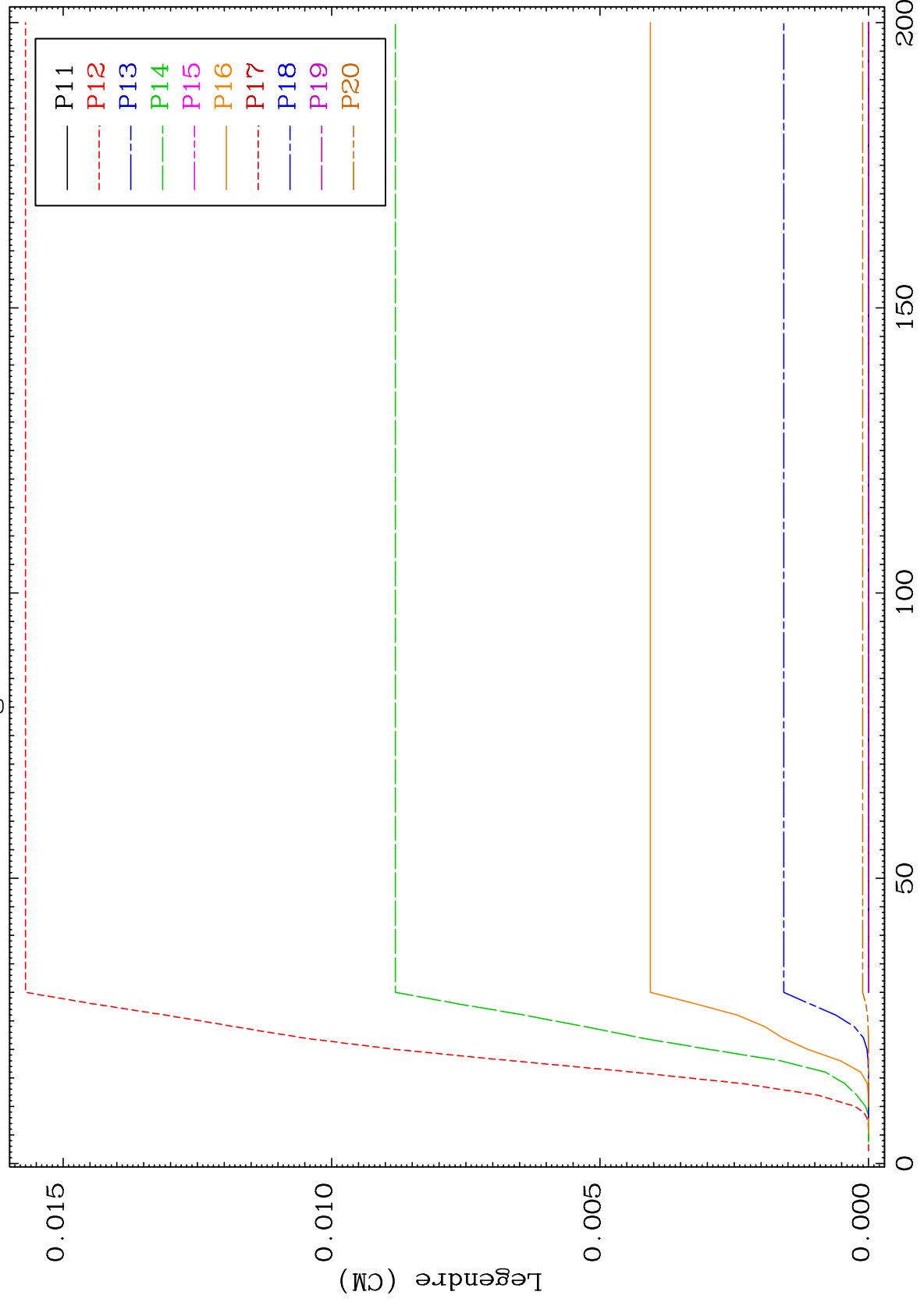




MAT 5807

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

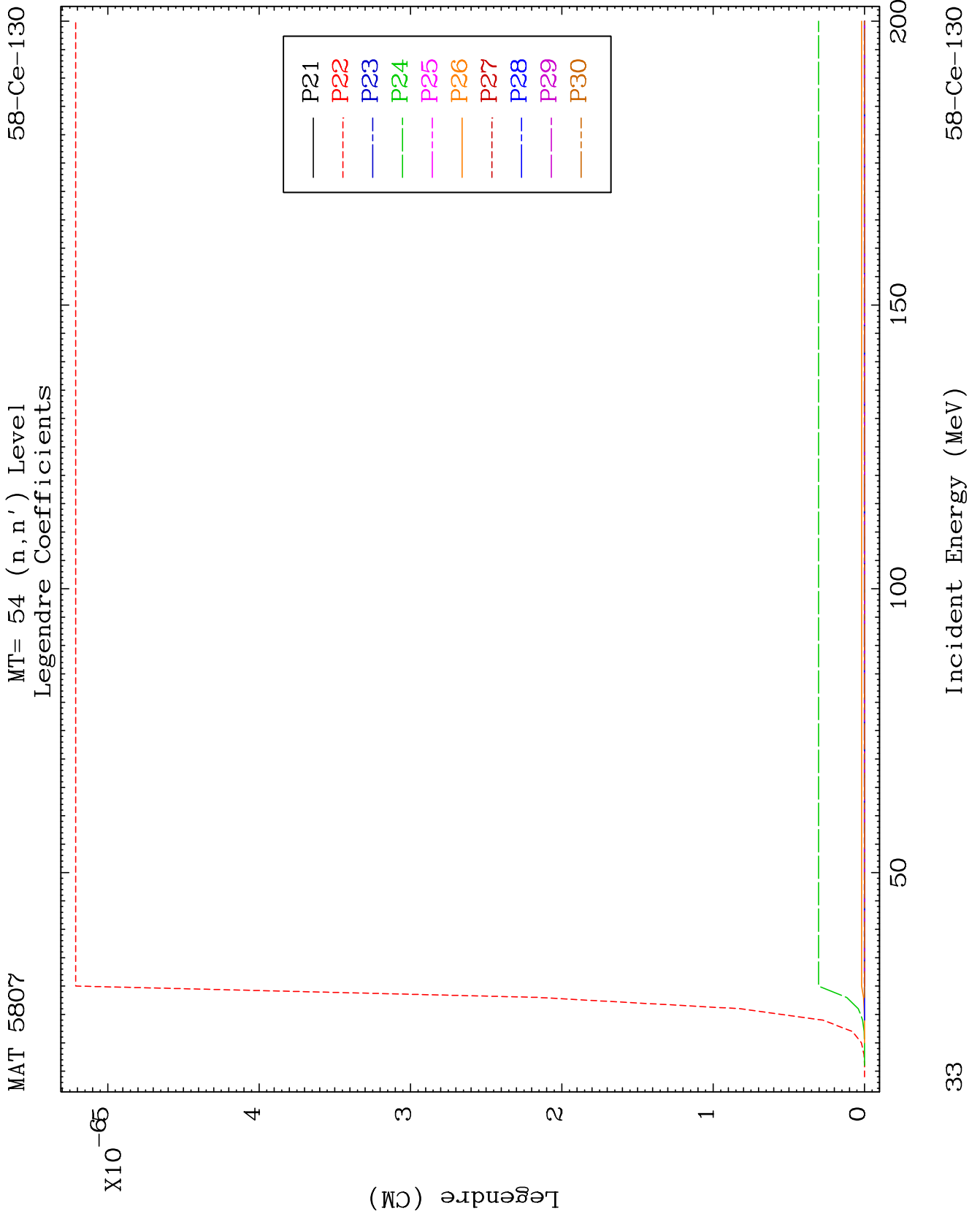
58-Ce-130



32

Incident Energy (MeV)

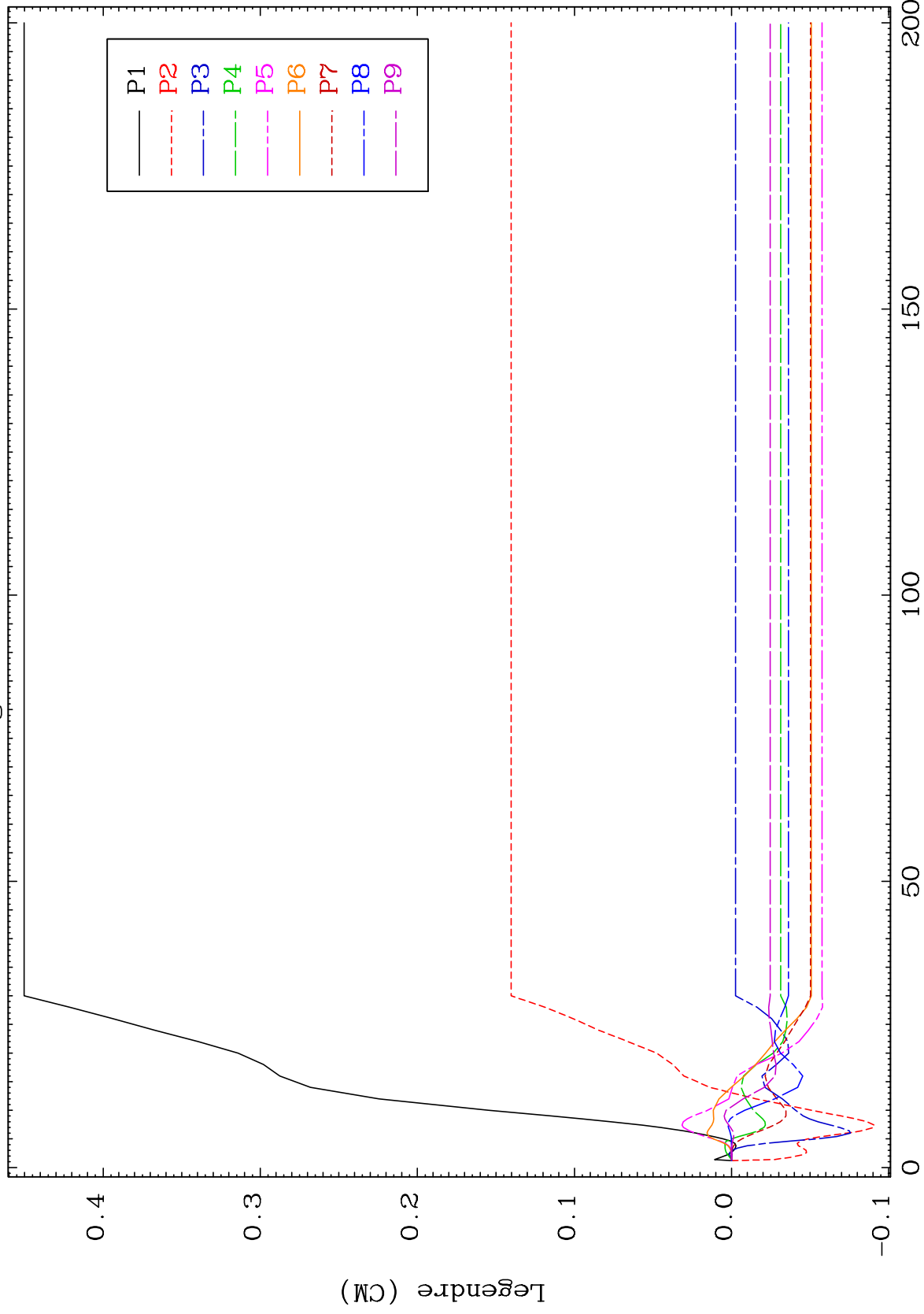
58-Ce-130



MAT 5807

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

58-Ce-130



34

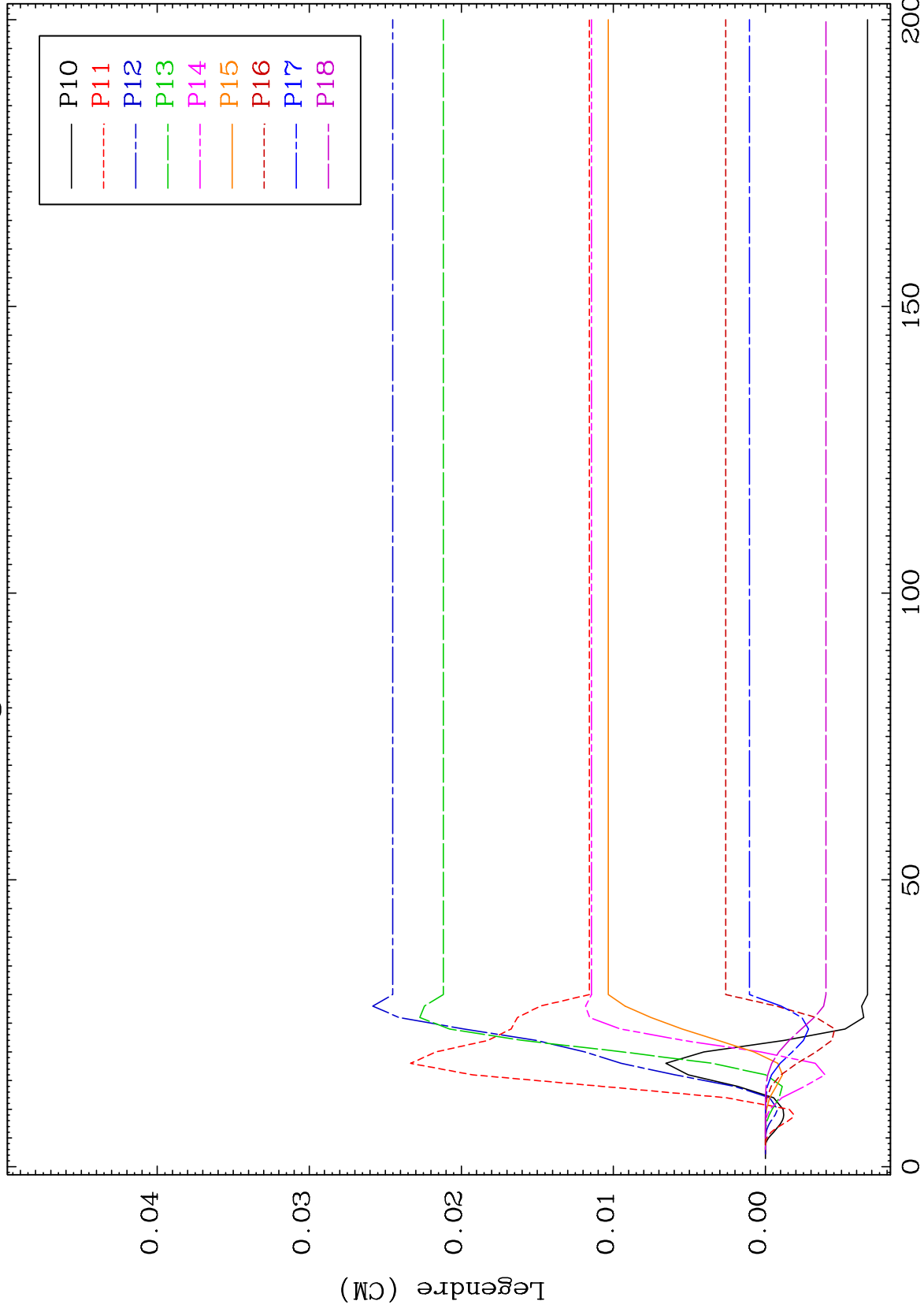
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

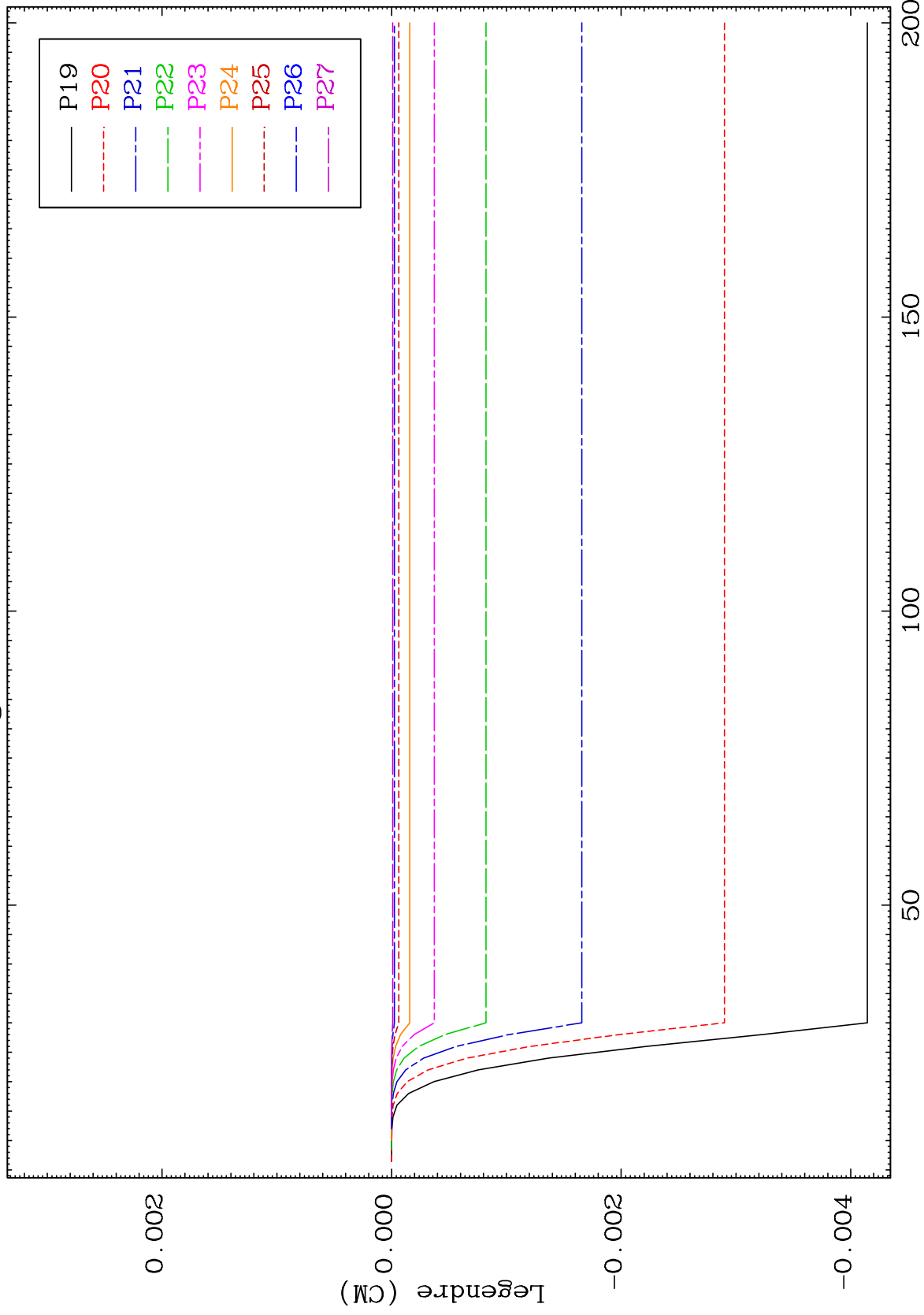
Incident Energy (MeV)

35

MAT 5807

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

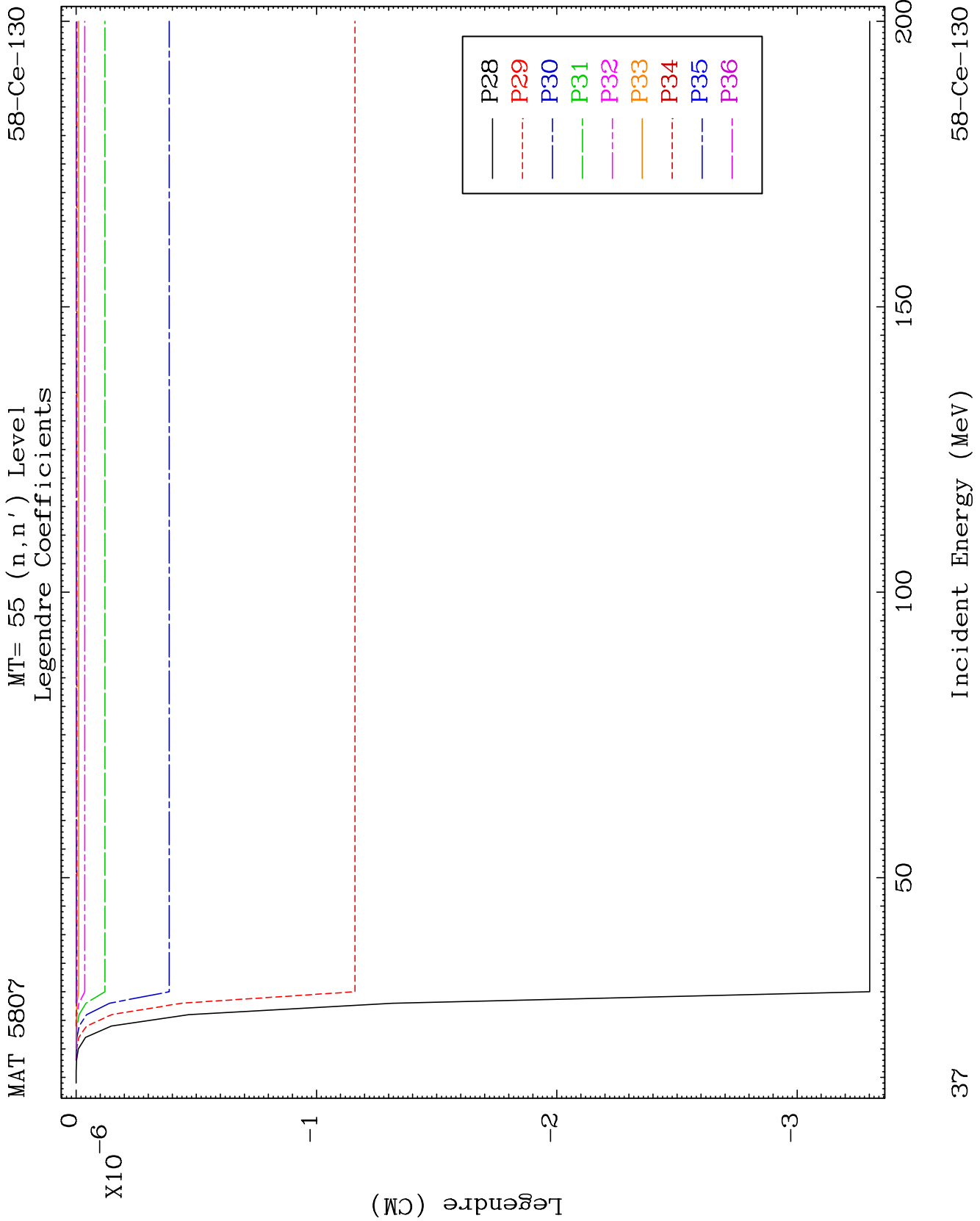
58-Ce-130



36

Incident Energy (MeV)

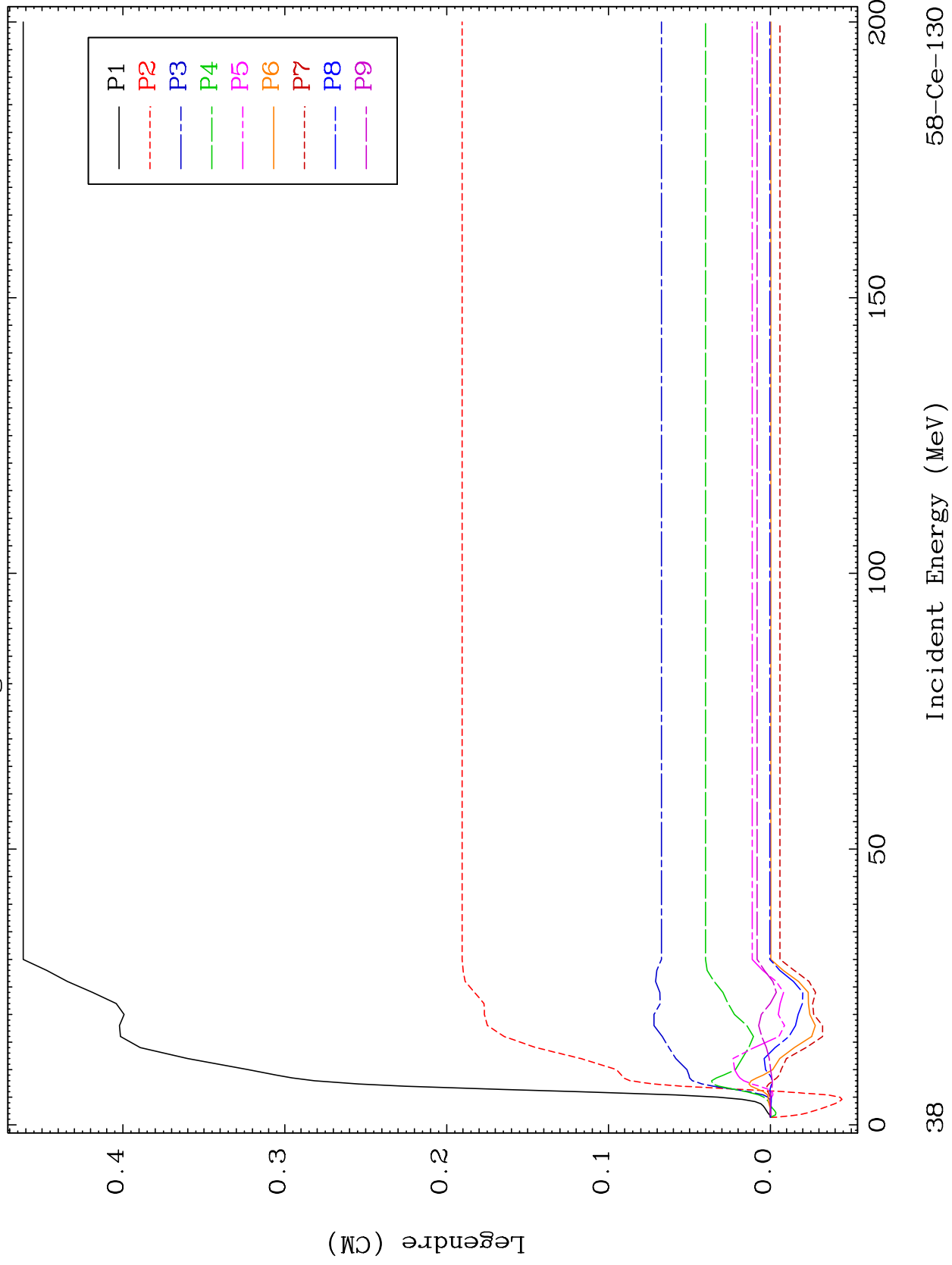
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

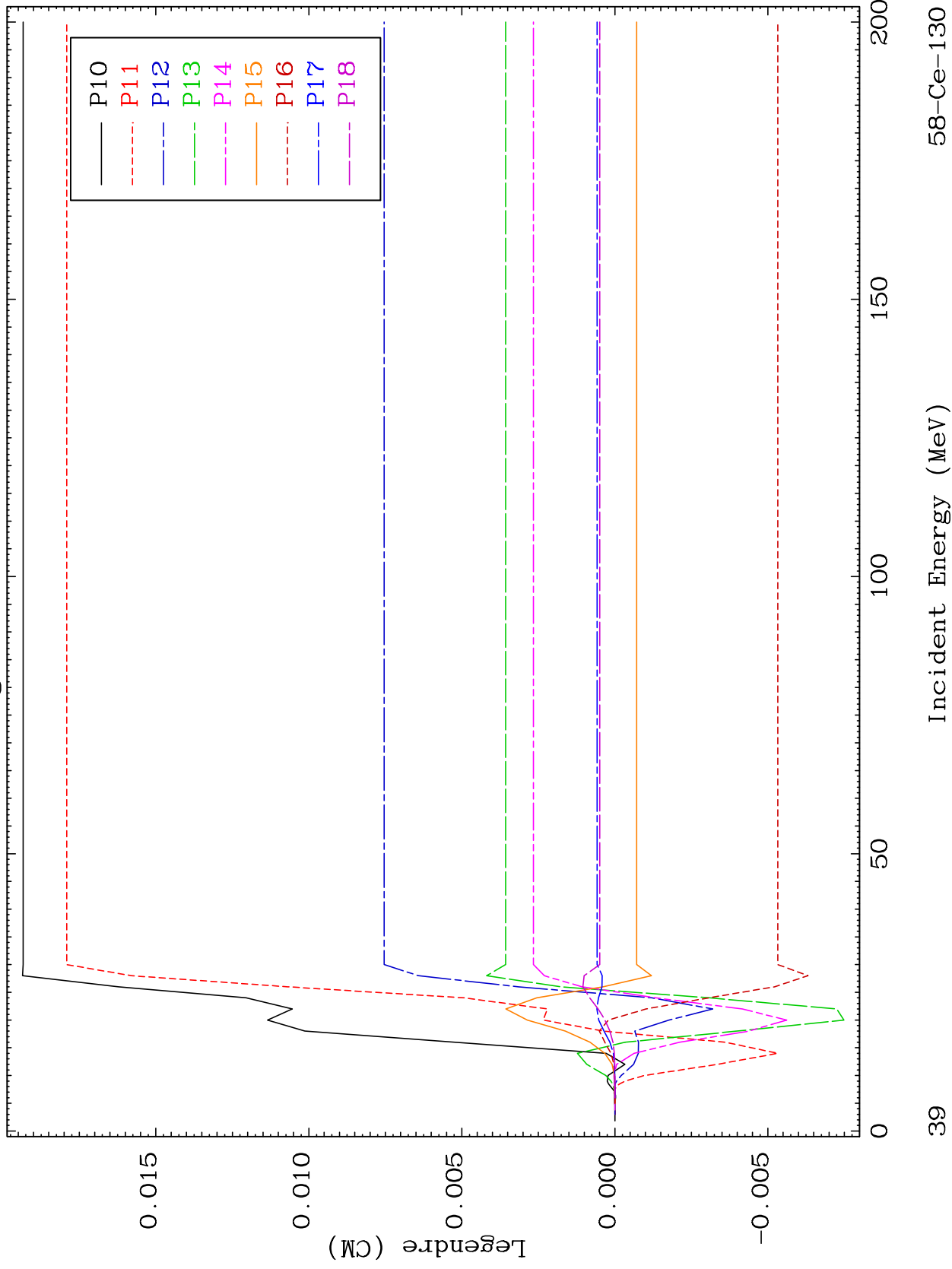
Incident Energy (MeV)

38

MAT 5807

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

58-Ce-130



58-Ce-130

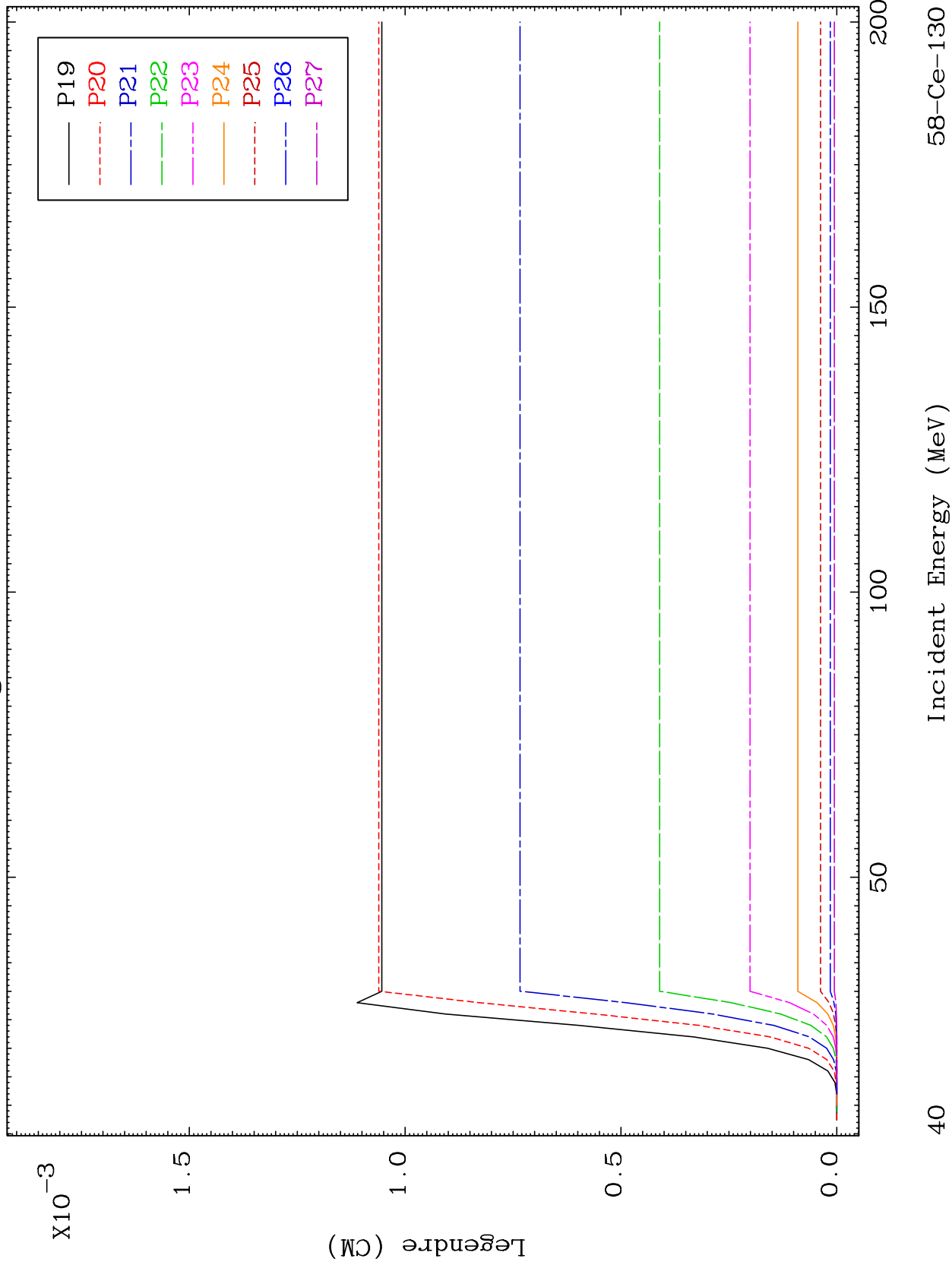
Incident Energy (MeV)

39

MAT 5807

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

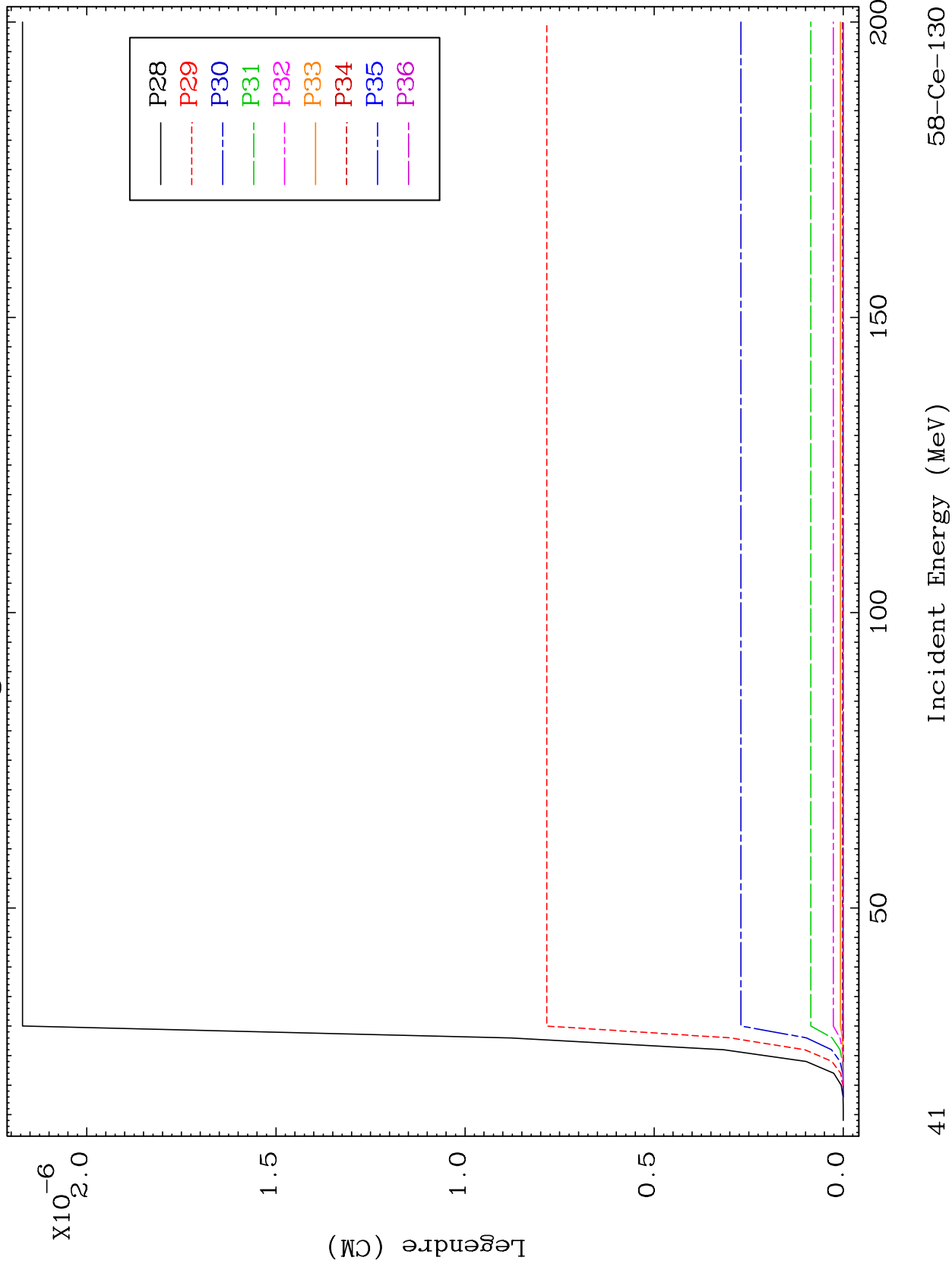
58-Ce-130



MAT 5807

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

58-Ce-130

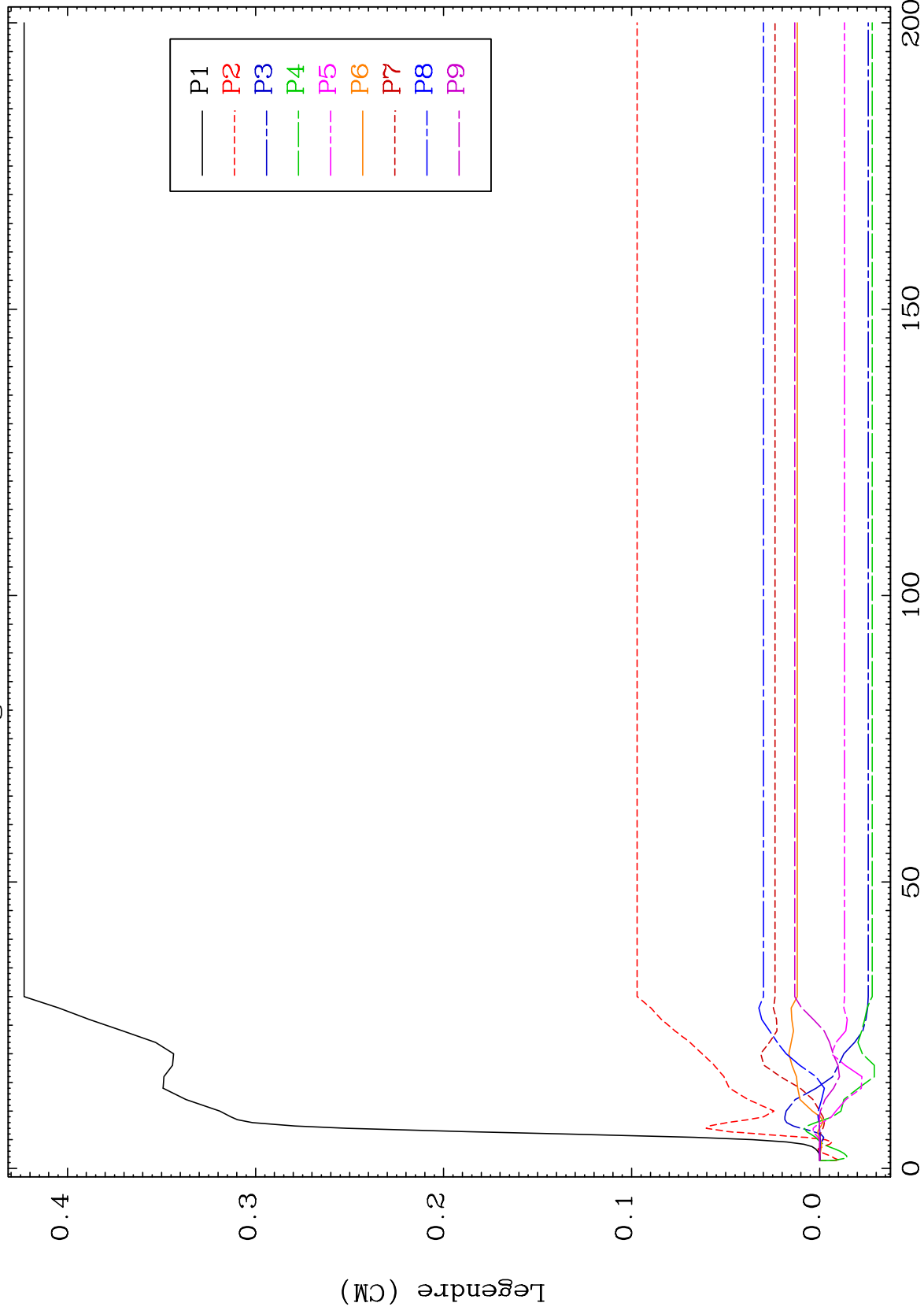


41

MAT 5807

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

58-Ce-130



58-Ce-130

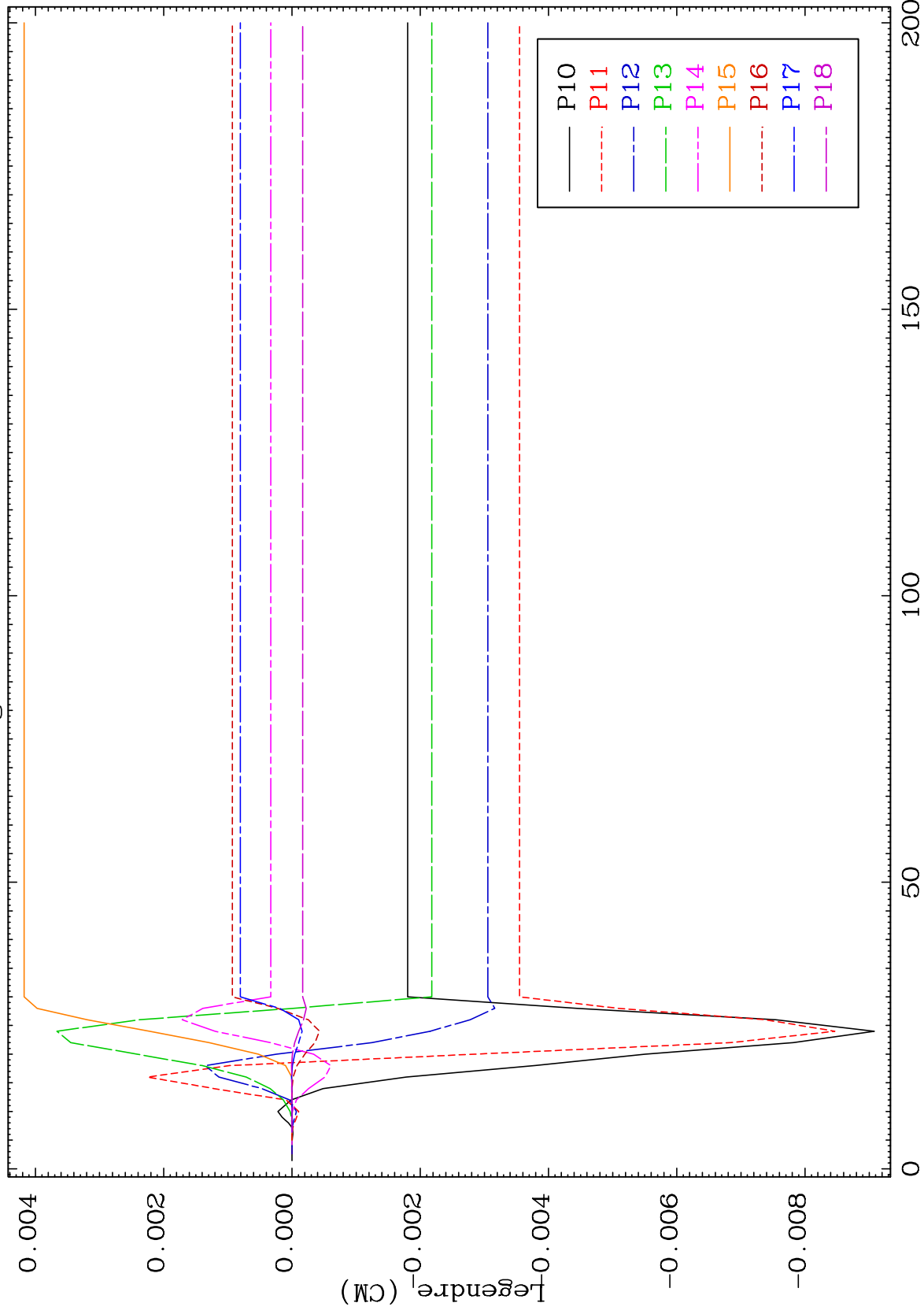
Incident Energy (MeV)

42

MAT 5807

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

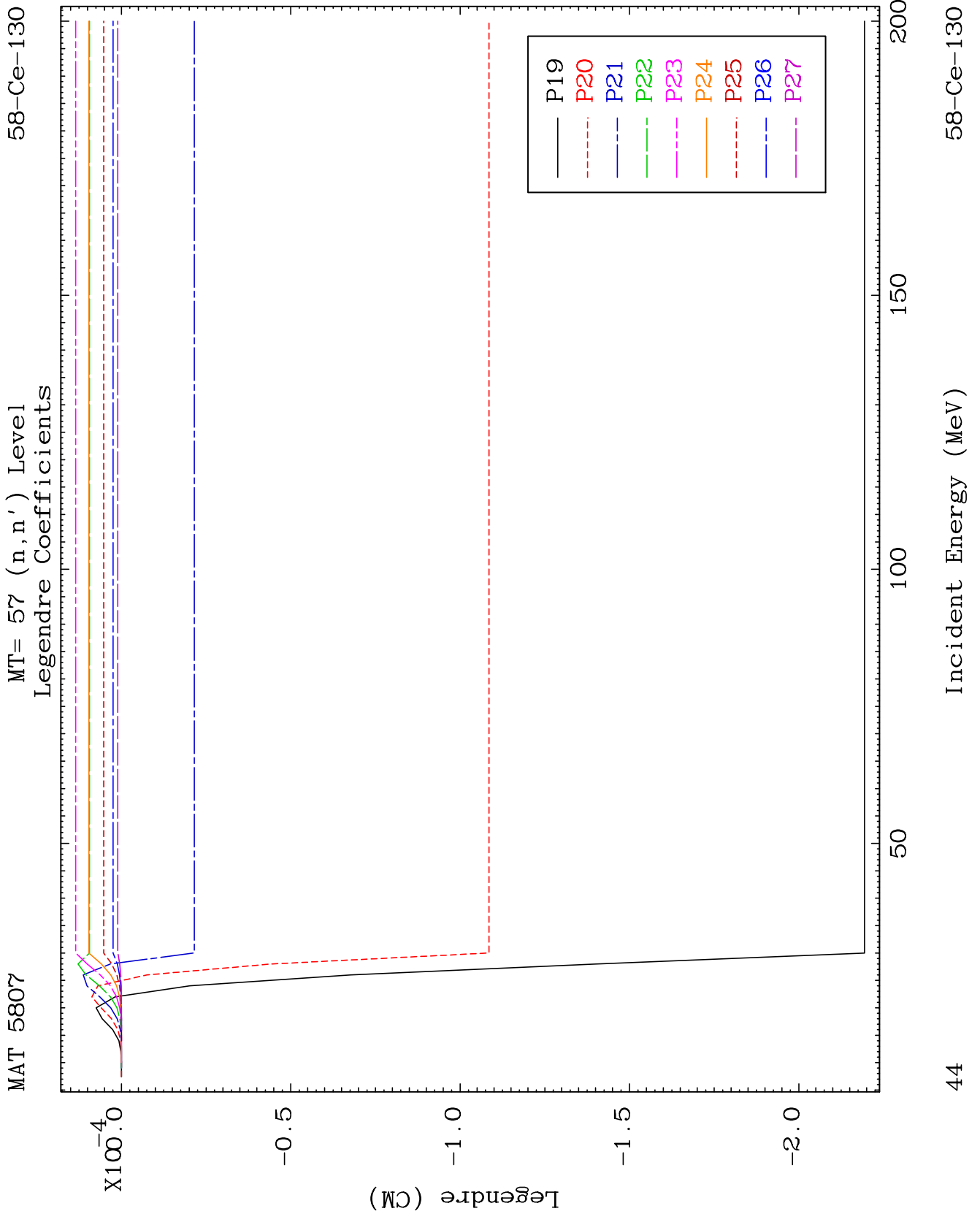
58-Ce-130



43

Incident Energy (MeV)

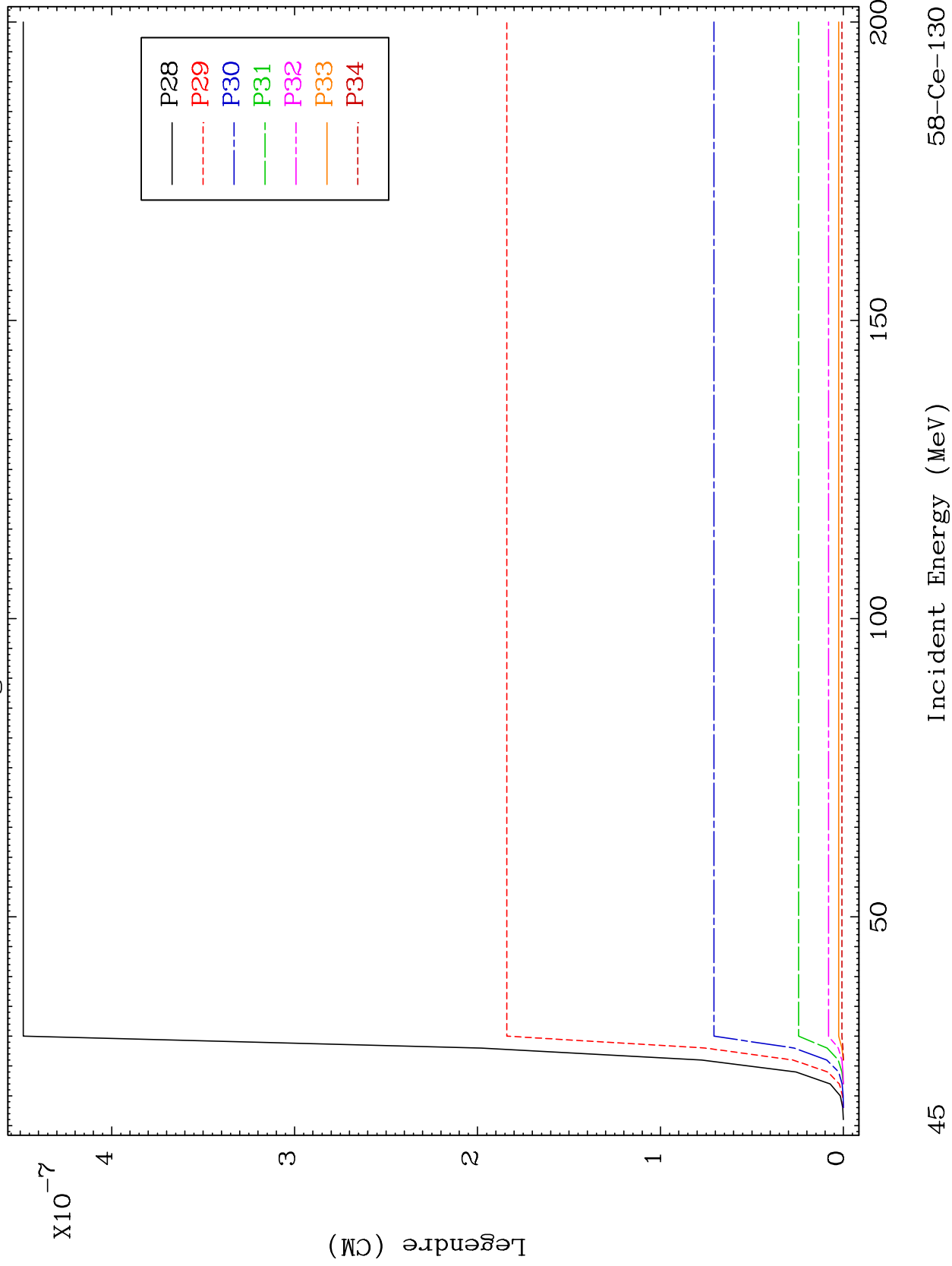
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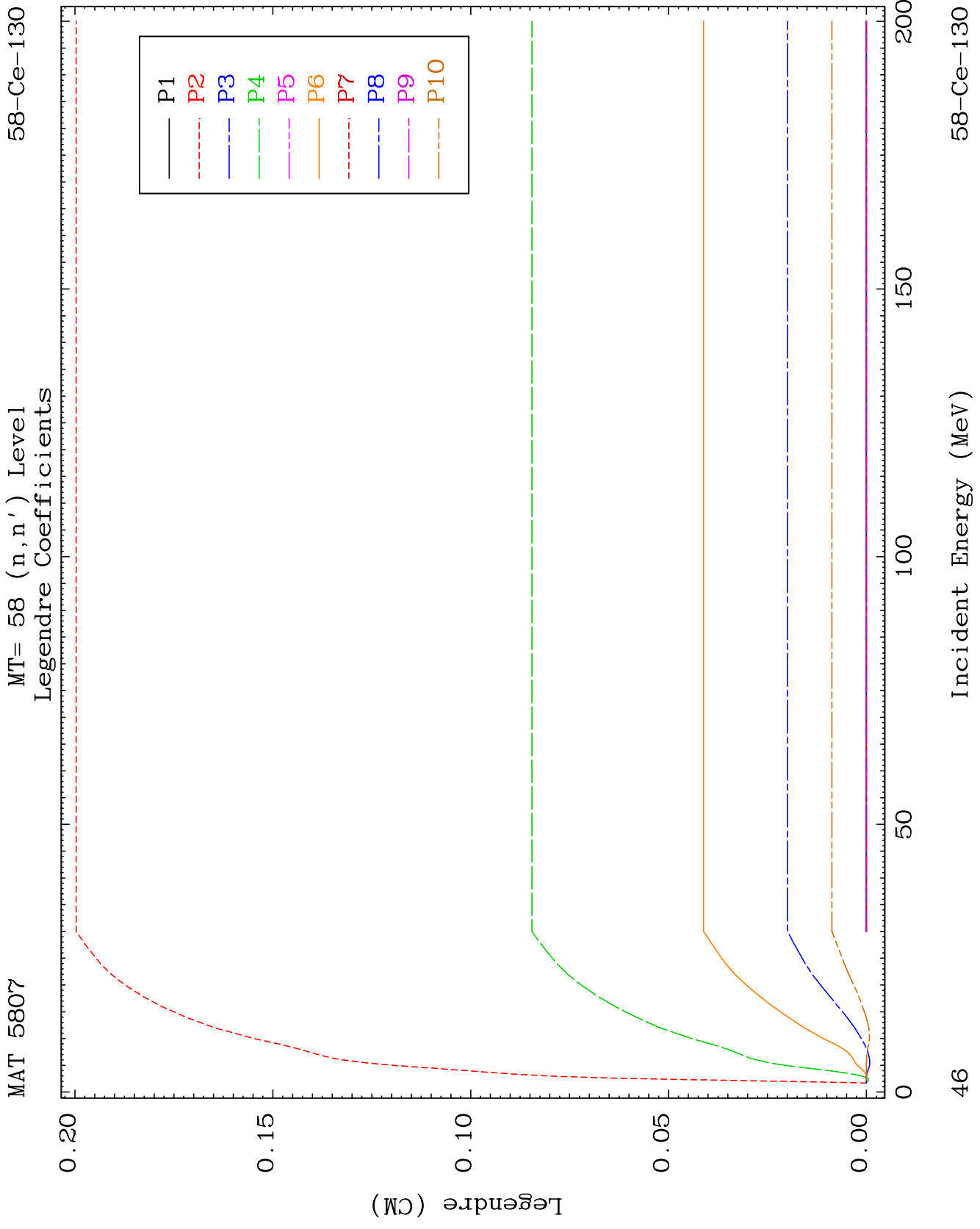


MAT 5807

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

58-Ce-130

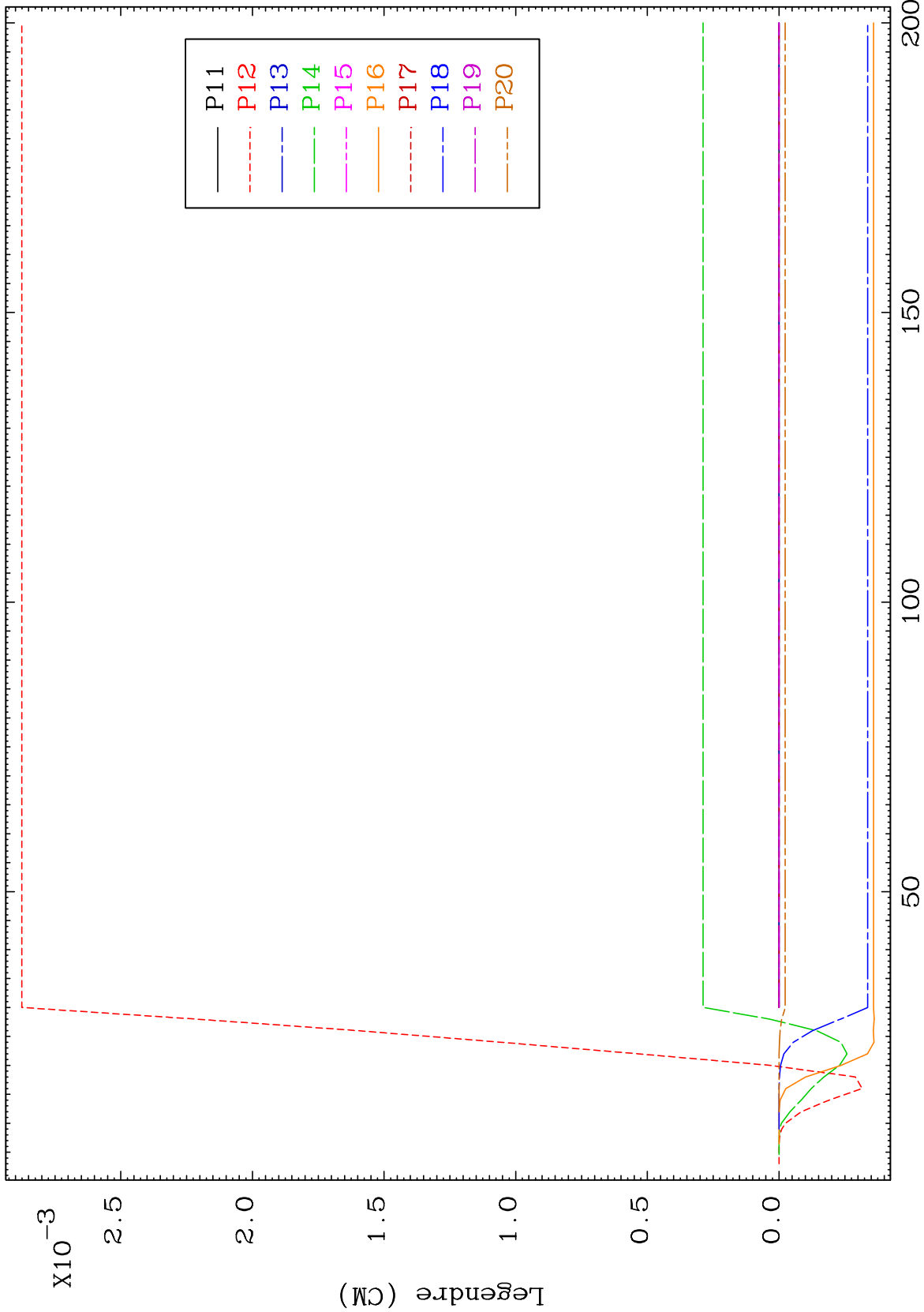


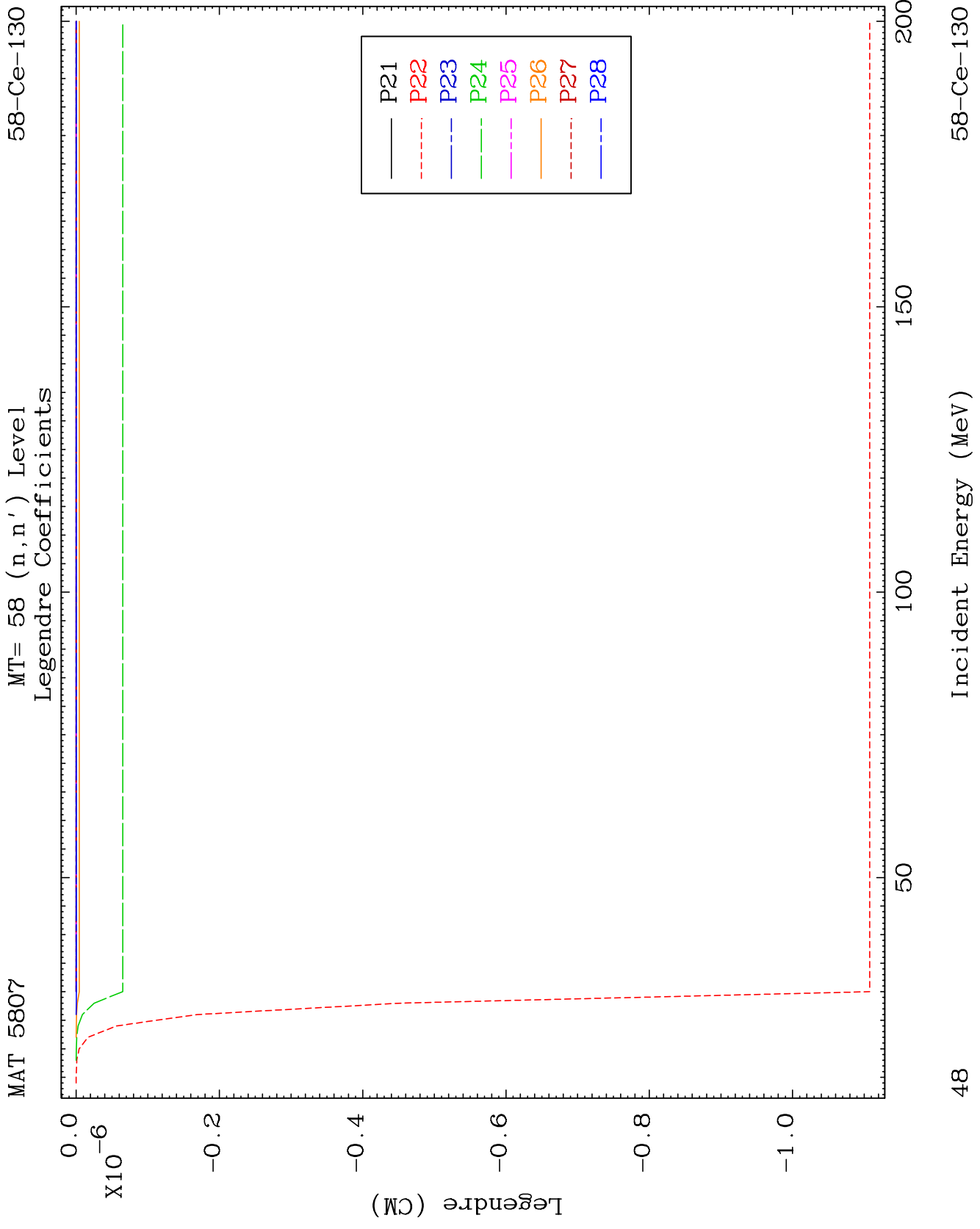


MAT 5807

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

58-Ce-130

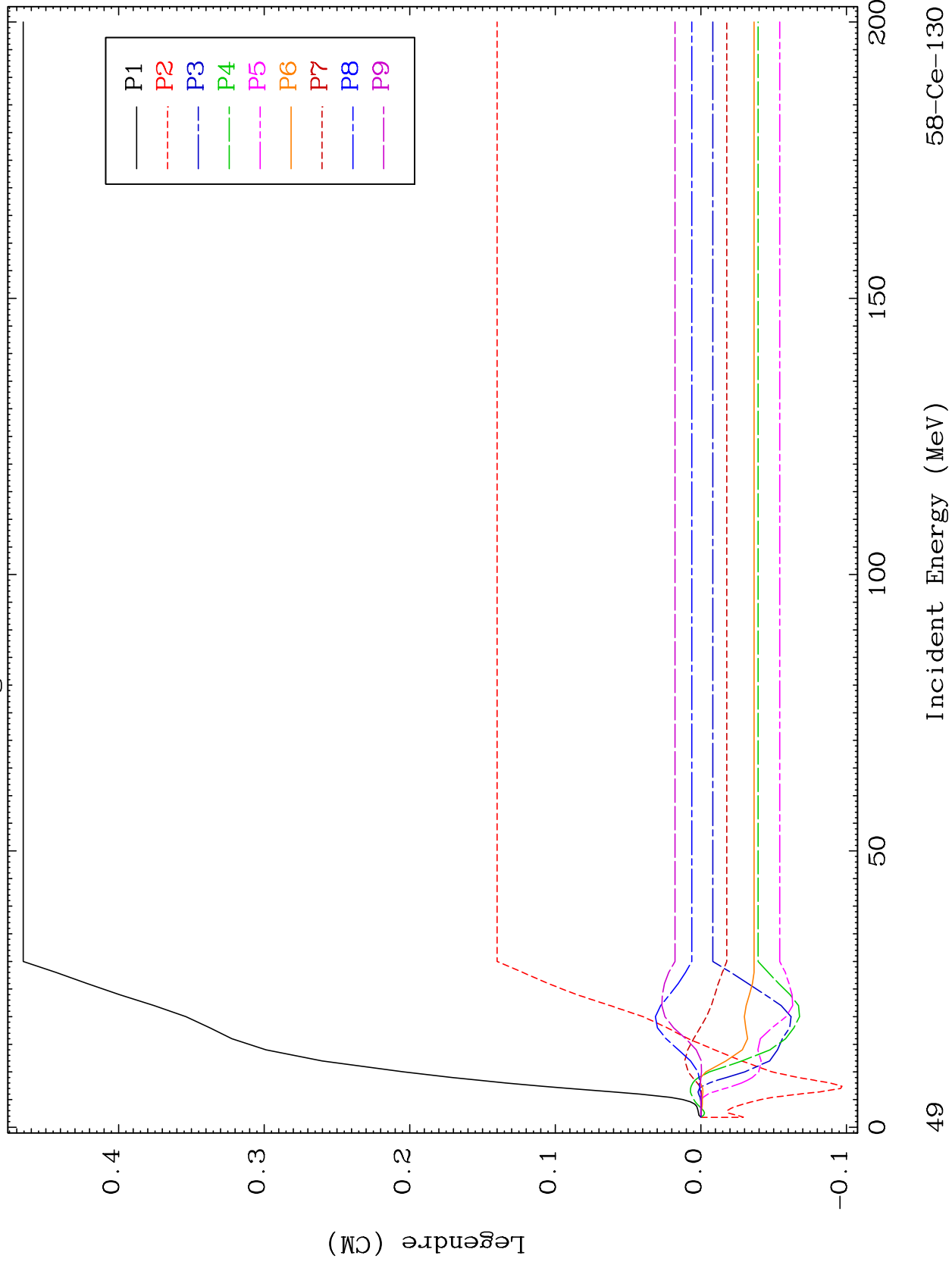




MAT 5807

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

58-Ce-130



58-Ce-130

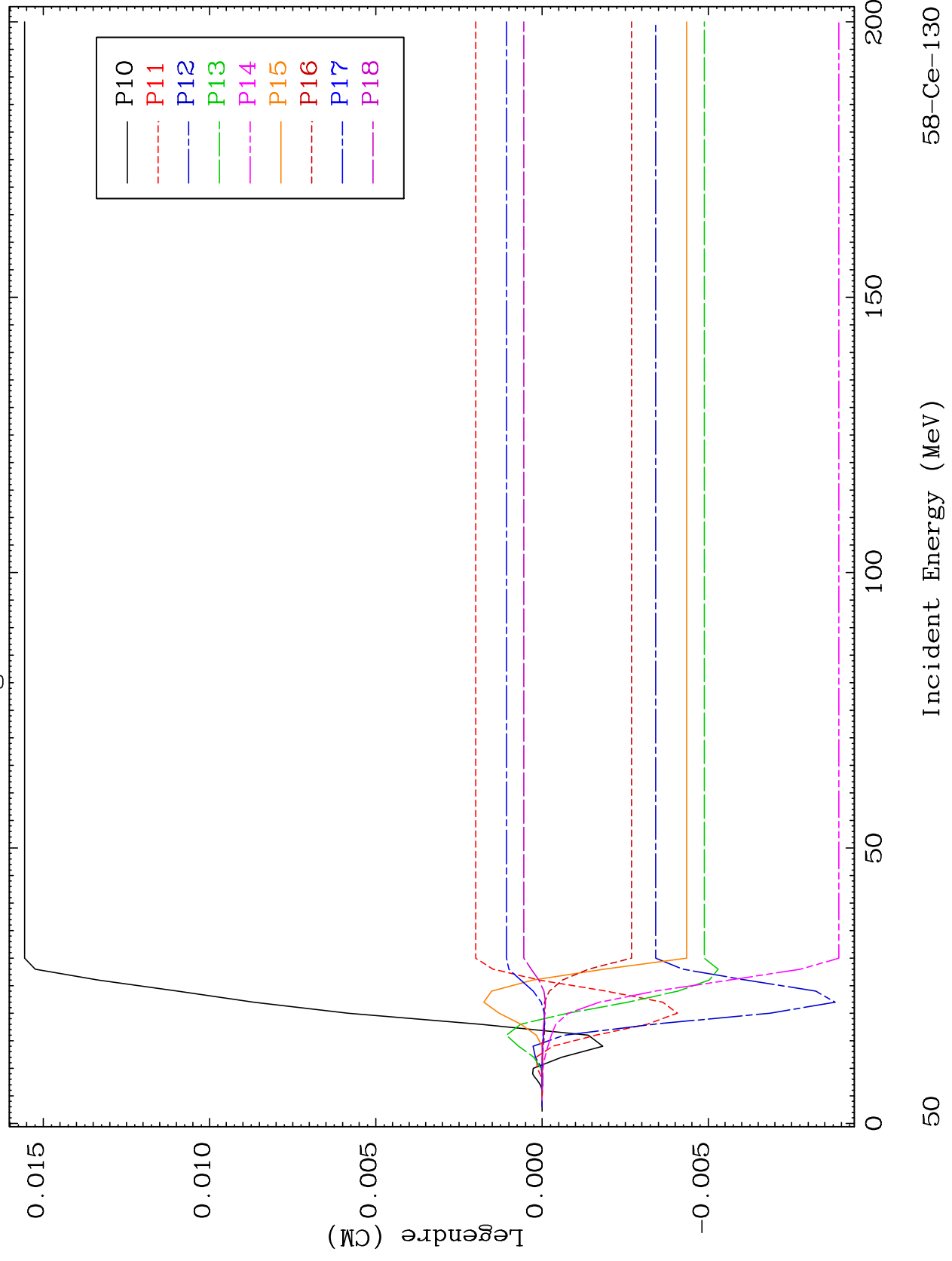
Incident Energy (MeV)

49

MAT 5807

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

58-Ce-130



58-Ce-130

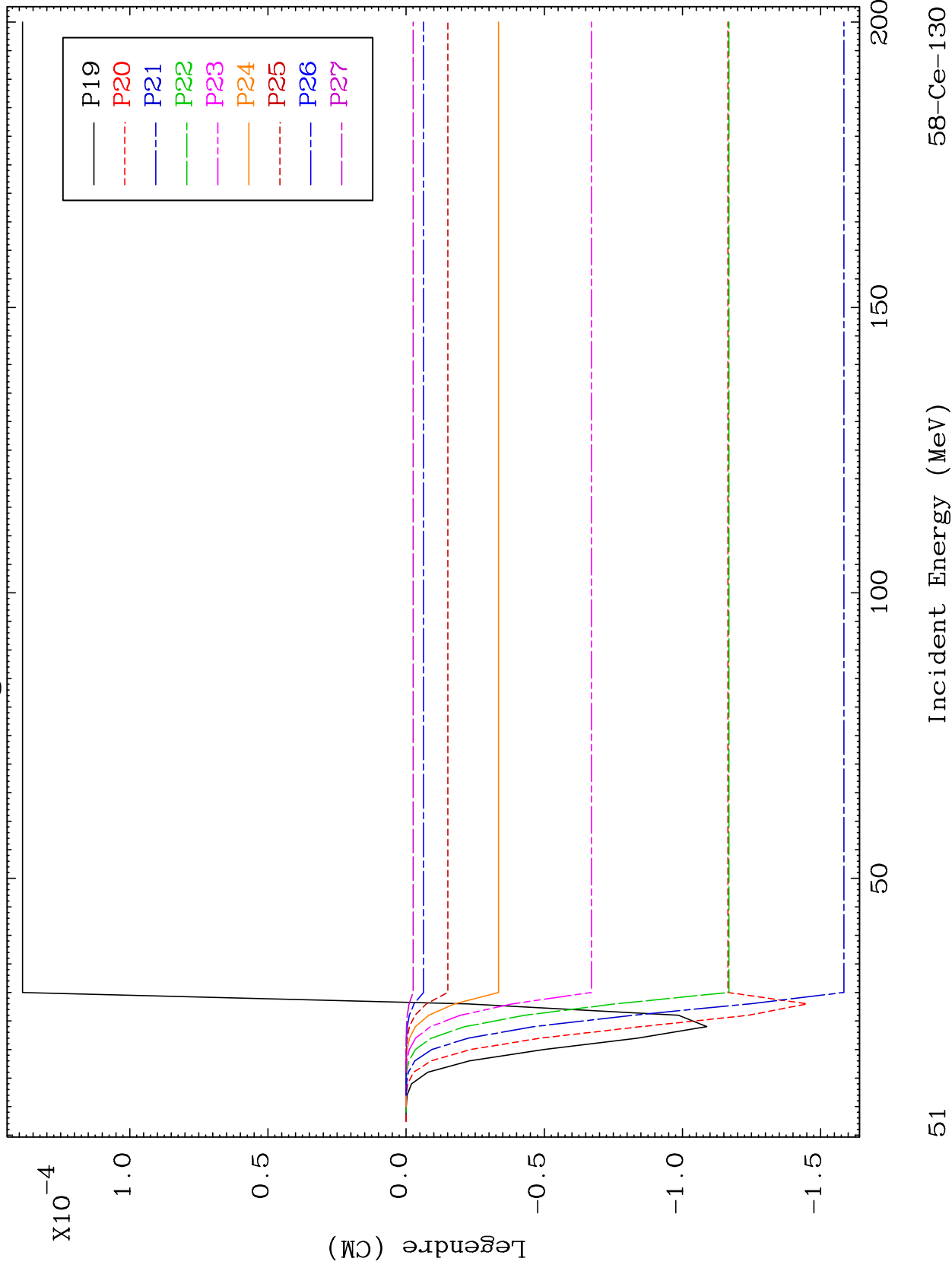
Incident Energy (MeV)

50

MAT 5807

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

58-Ce-130



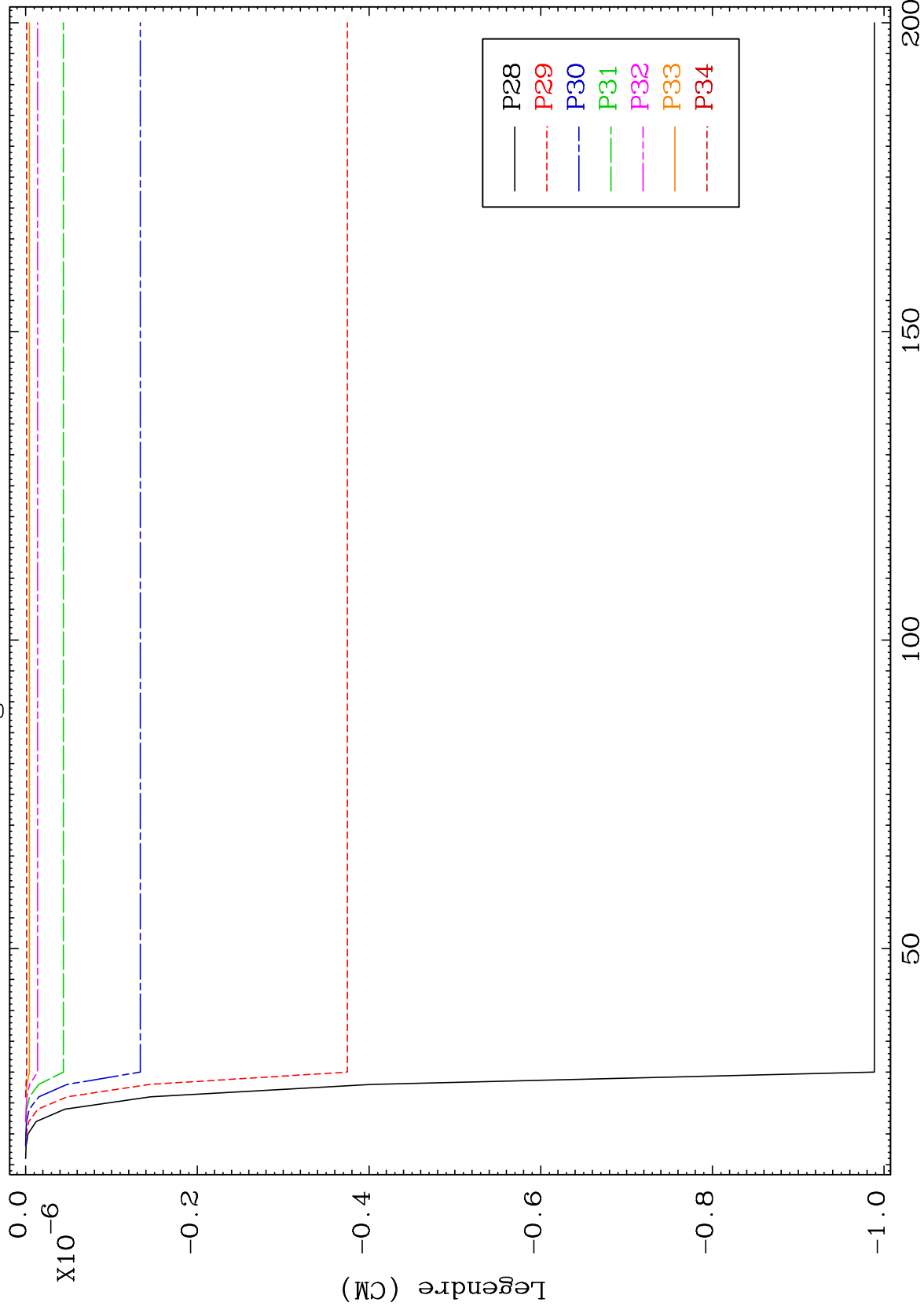
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58-Ce-130

MAT 5807

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

58-Ce-130



52

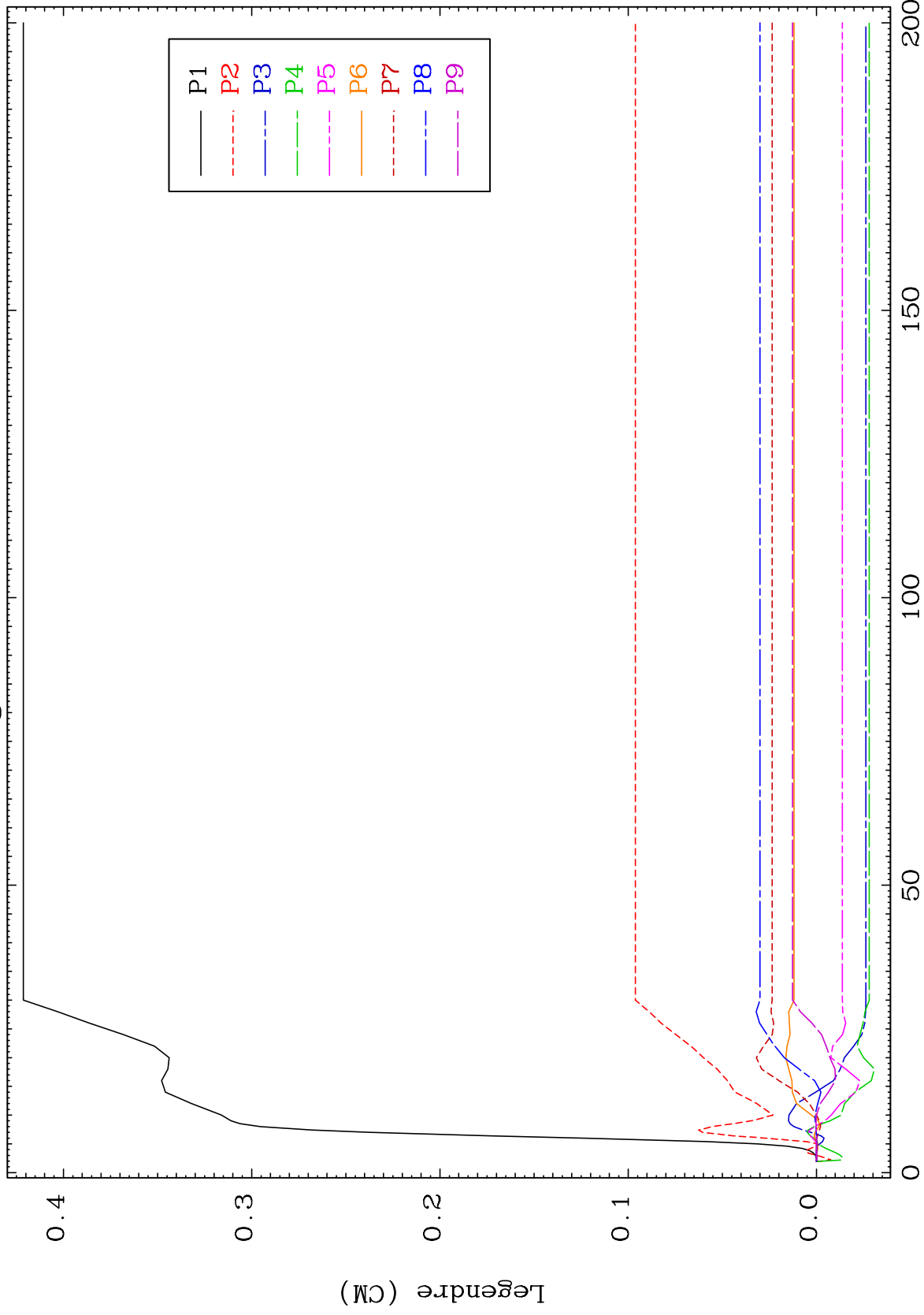
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



53

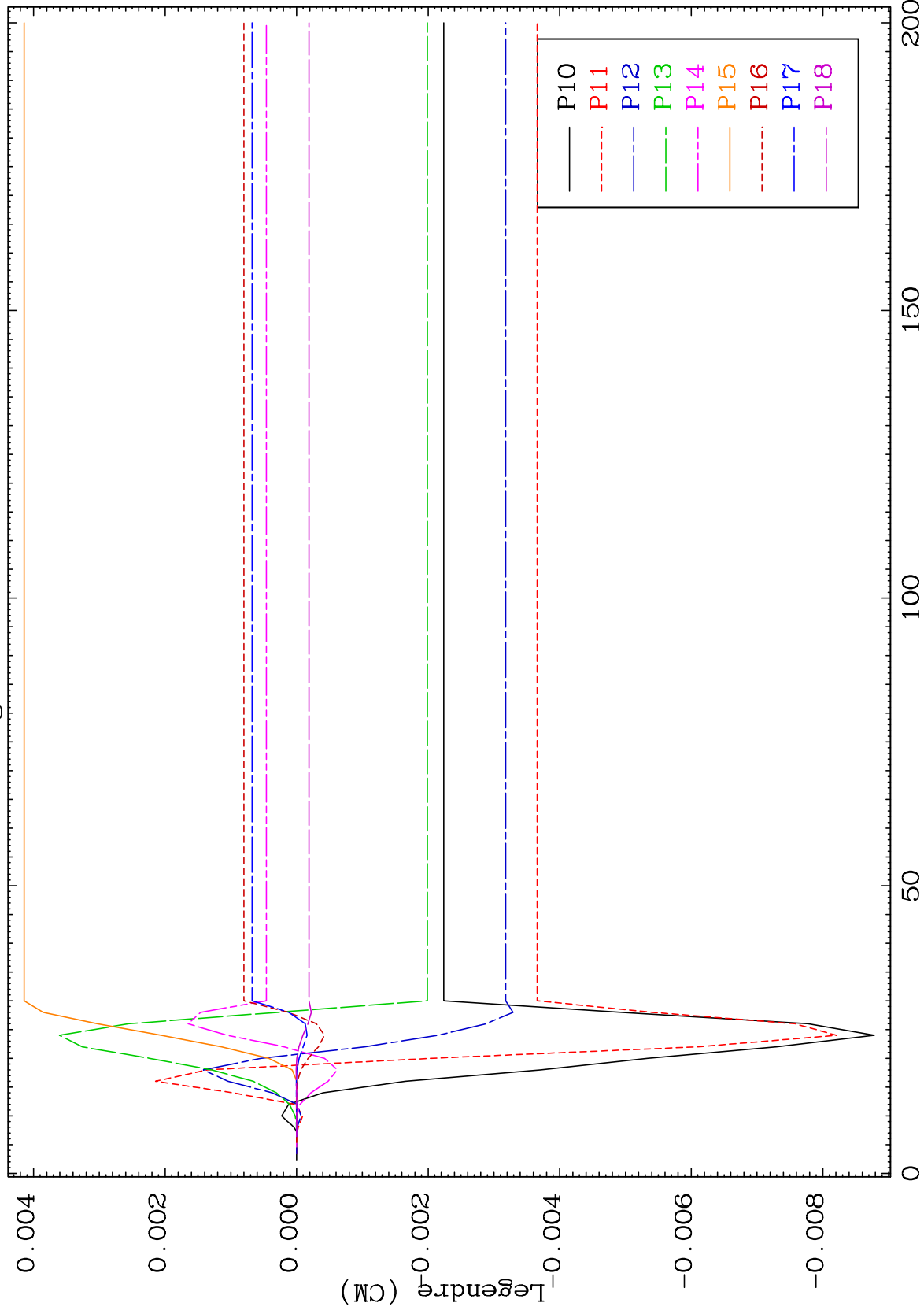
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

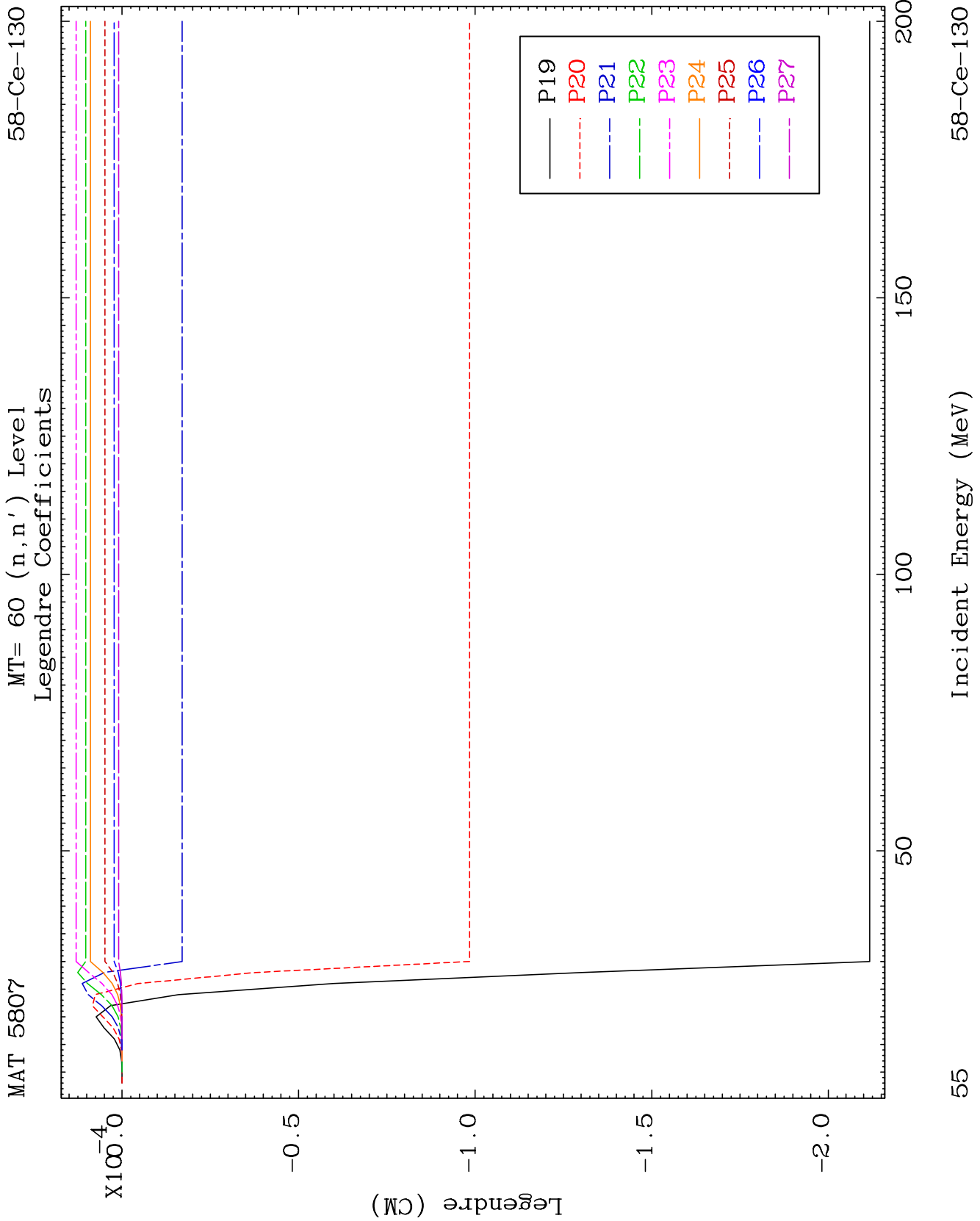
58-Ce-130



54

Incident Energy (MeV)

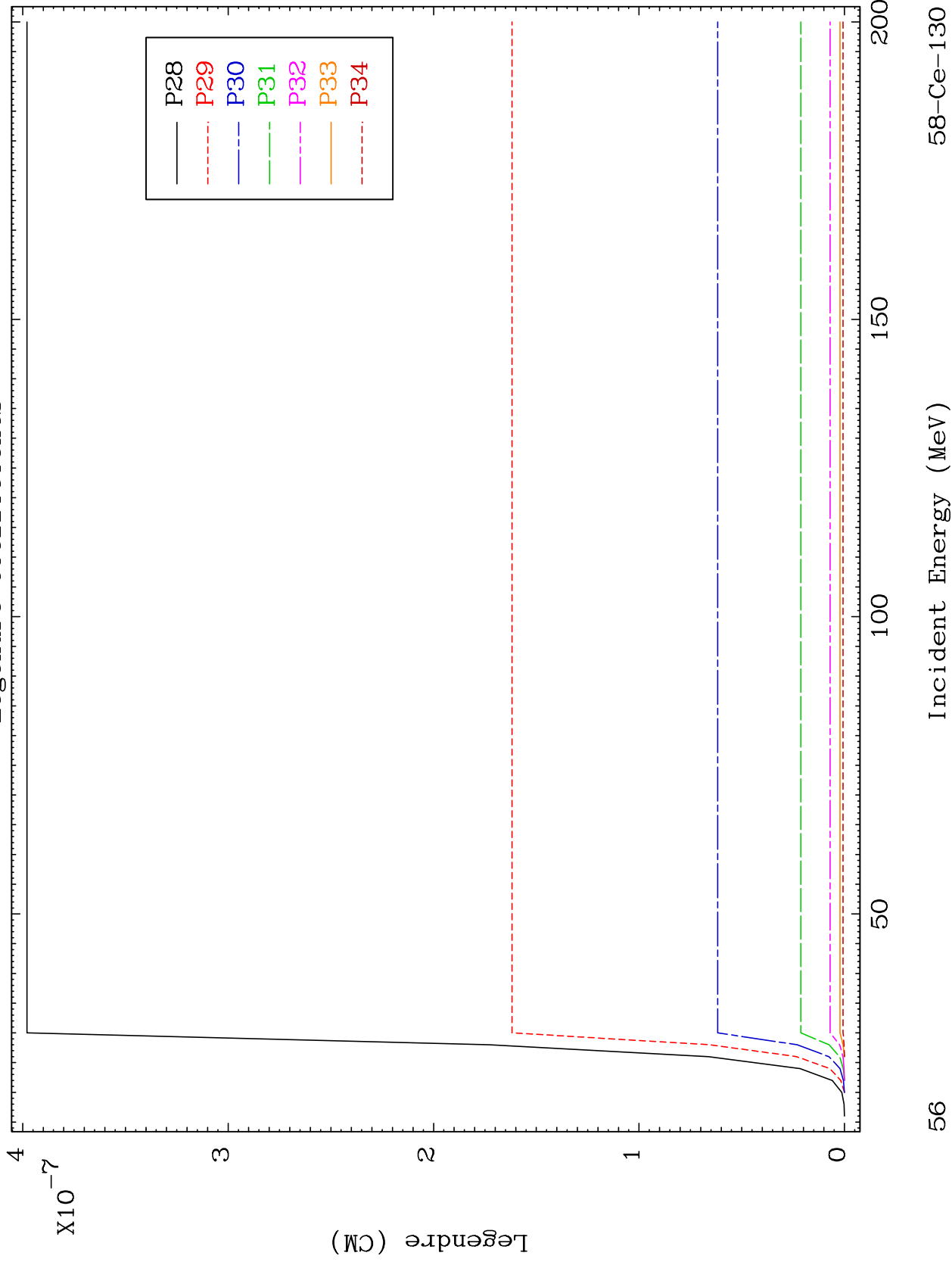
58-Ce-130



MAT 5807

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

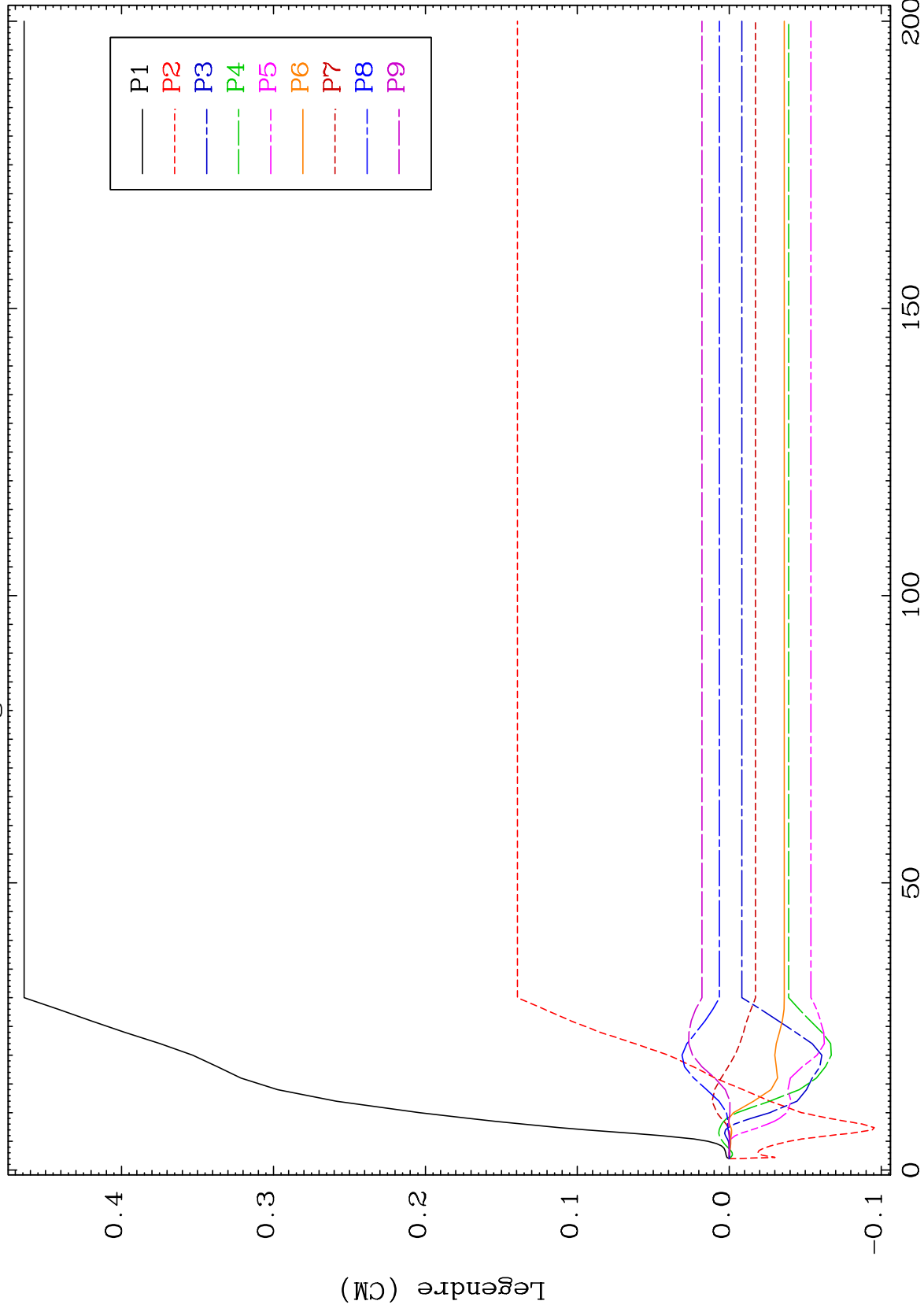
58-Ce-130



MAT 5807

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

58-Ce-130



57

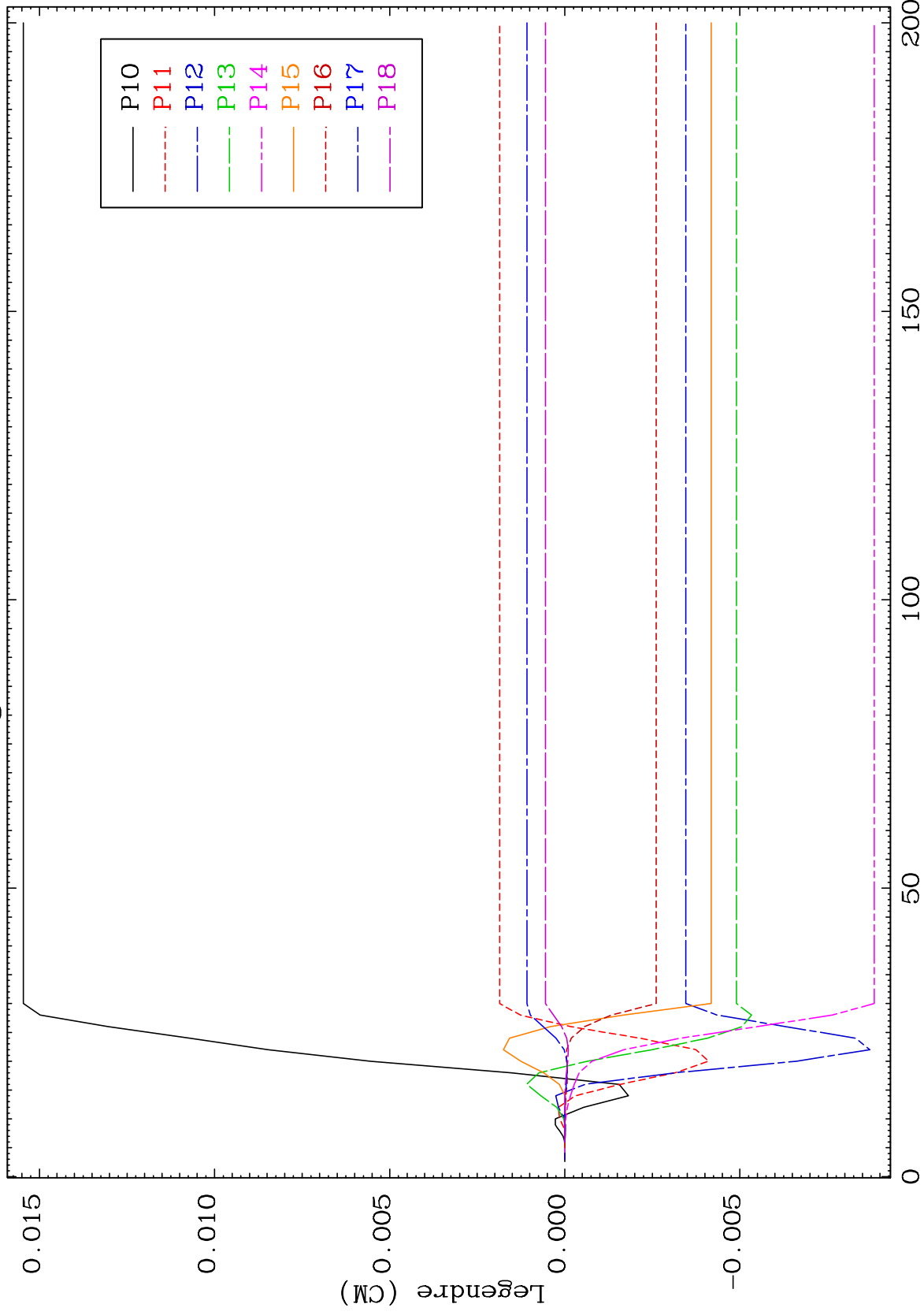
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58

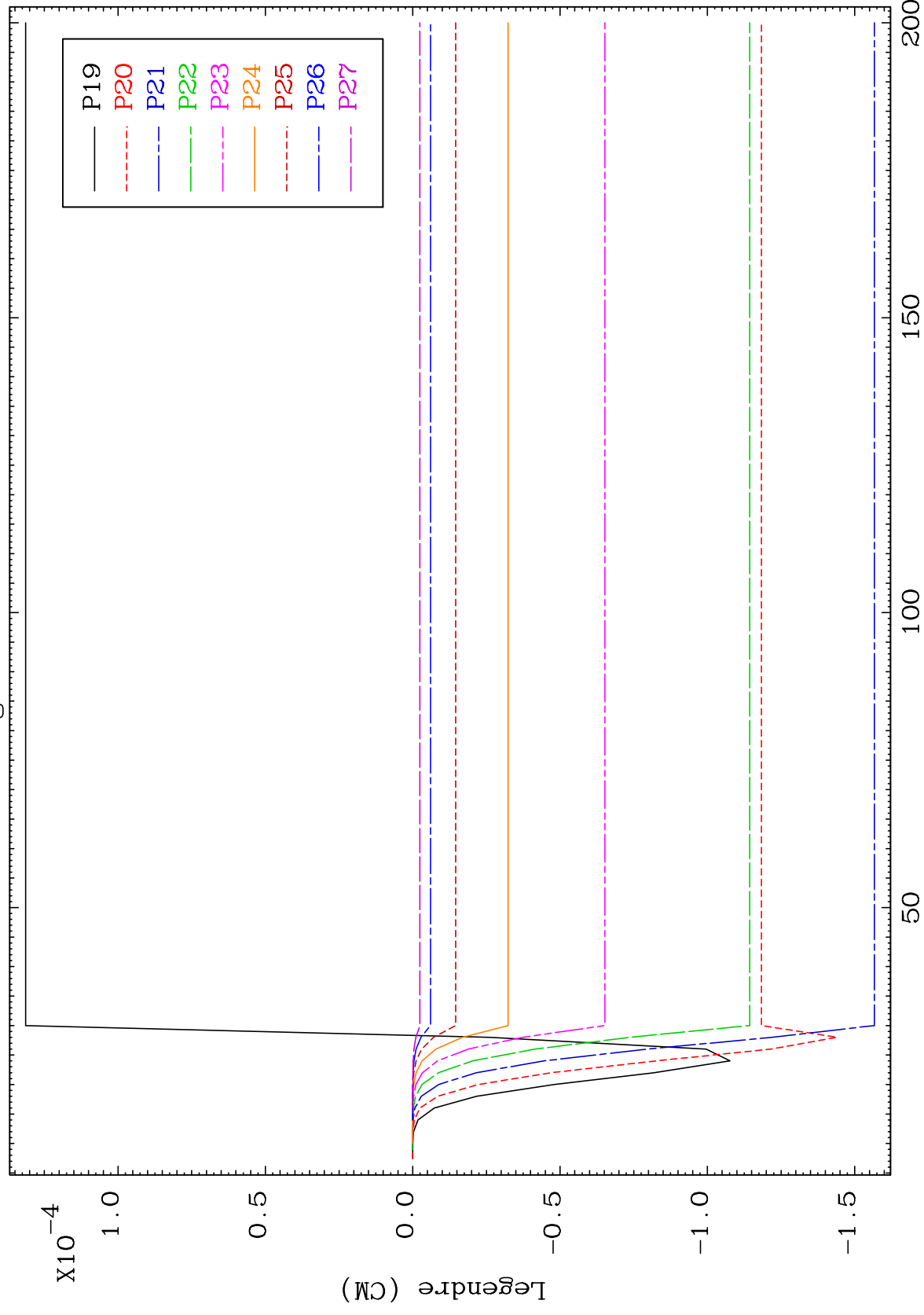
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

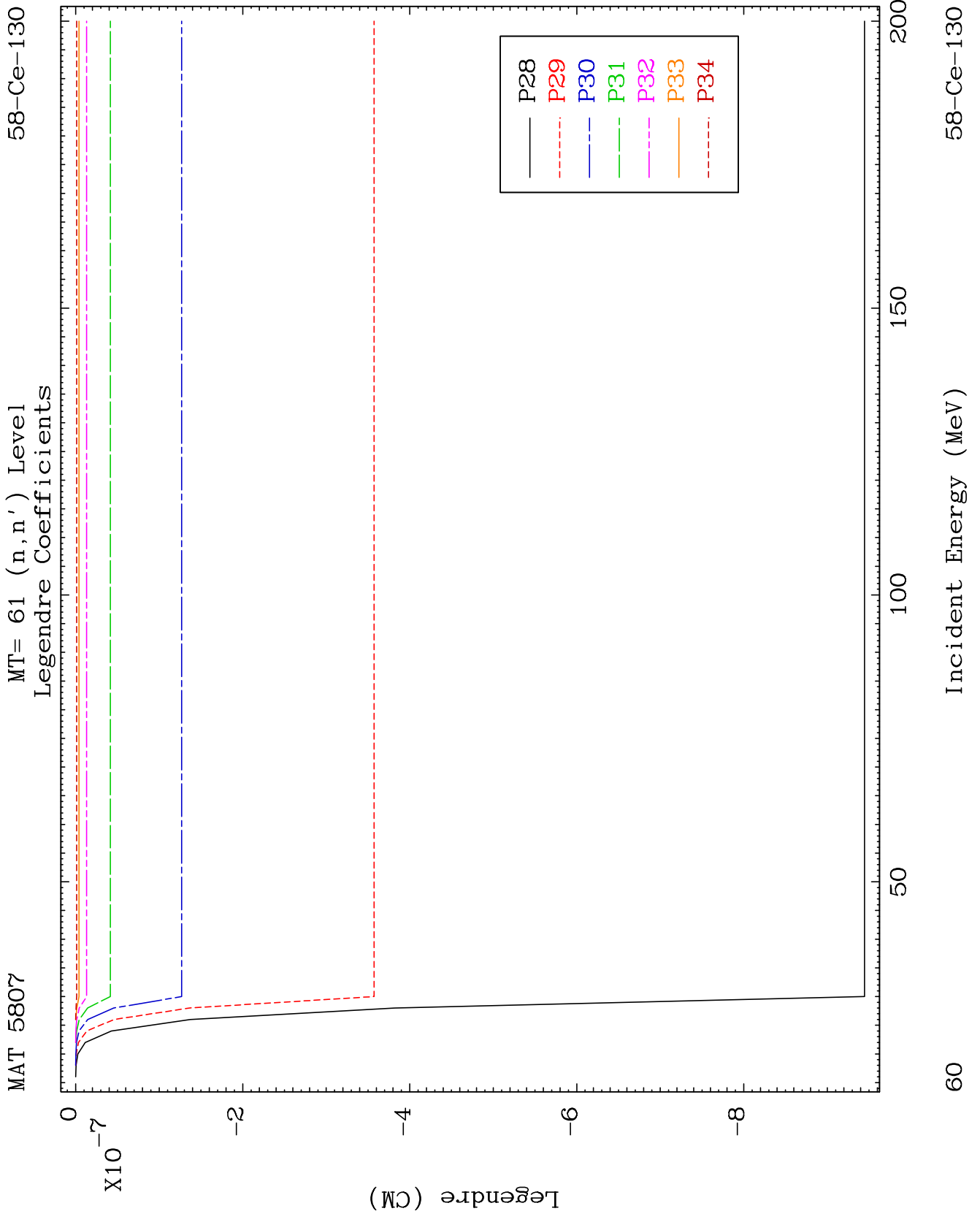
58-Ce-130



59

Incident Energy (MeV)

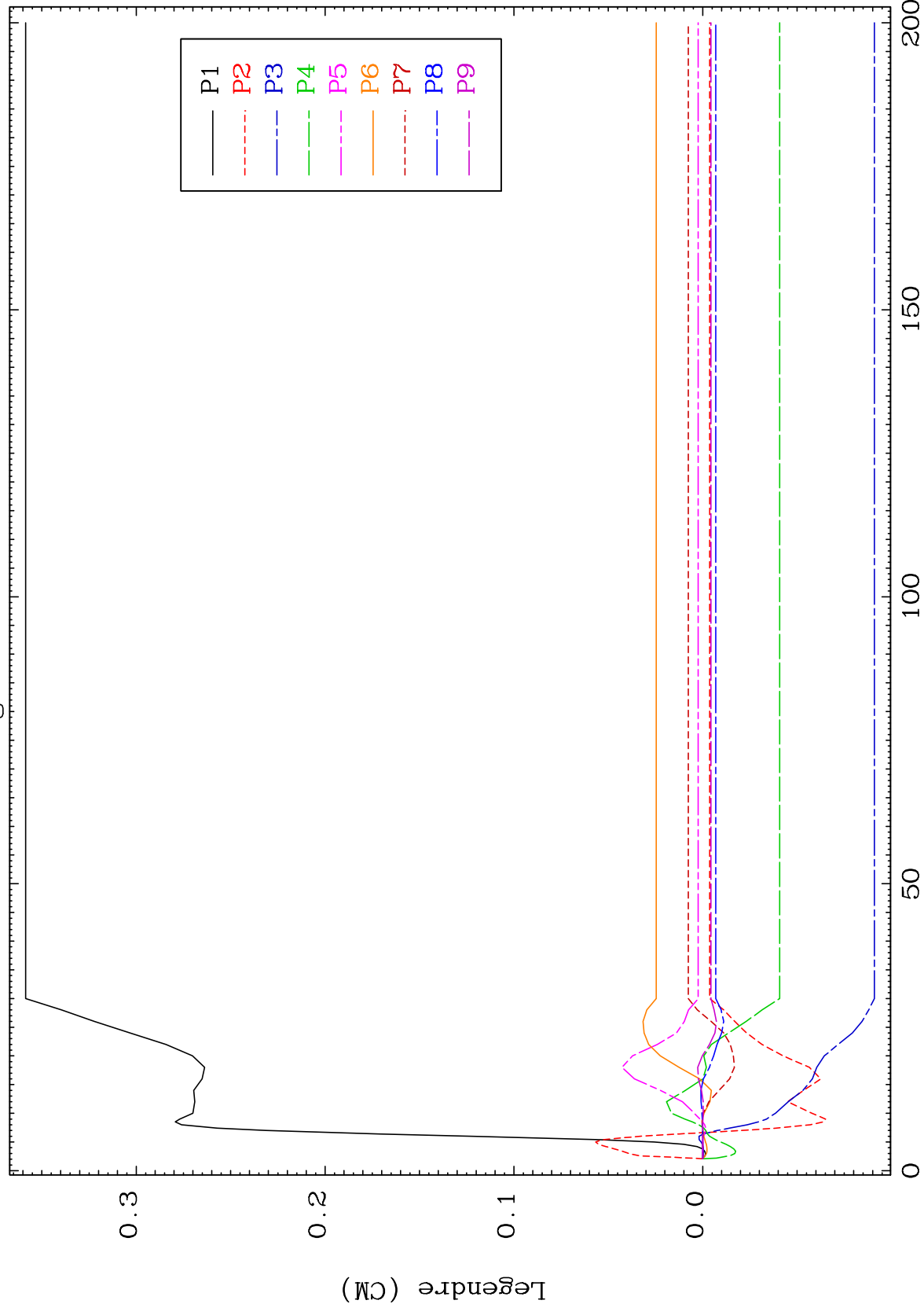
58-Ce-130



MAT 5807

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

58-Ce-130



61

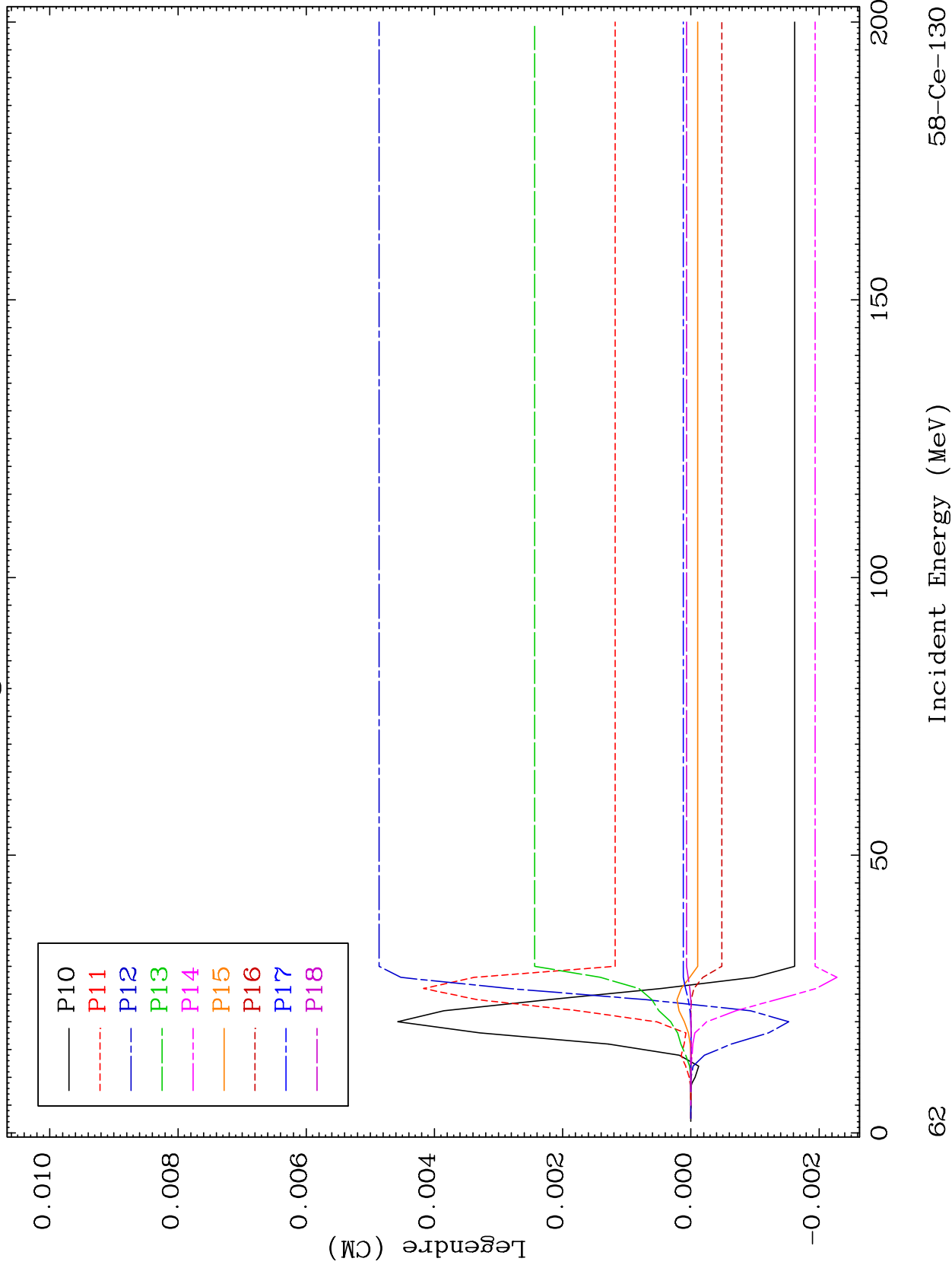
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

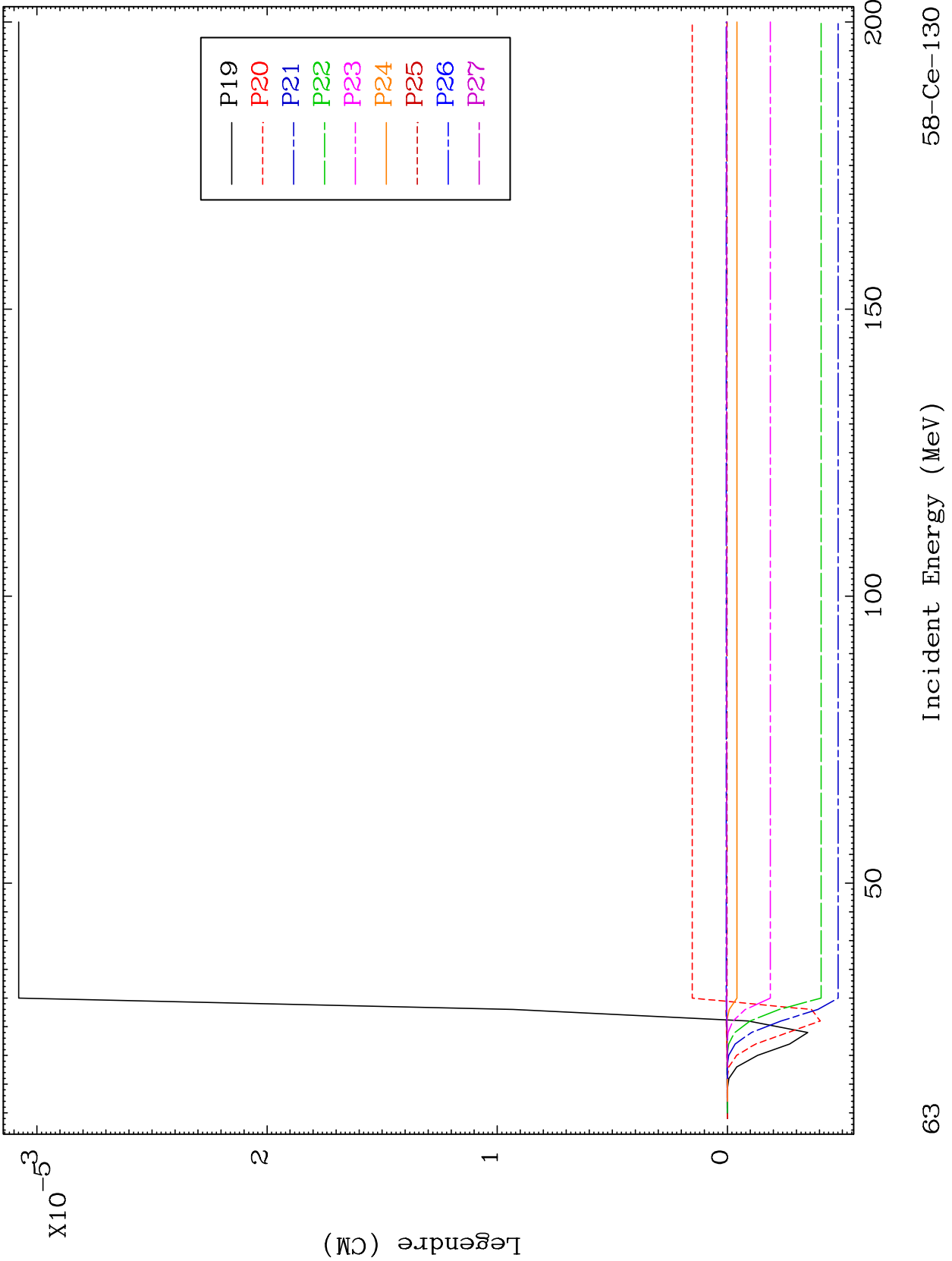
Incident Energy (MeV)

62

MAT 5807

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

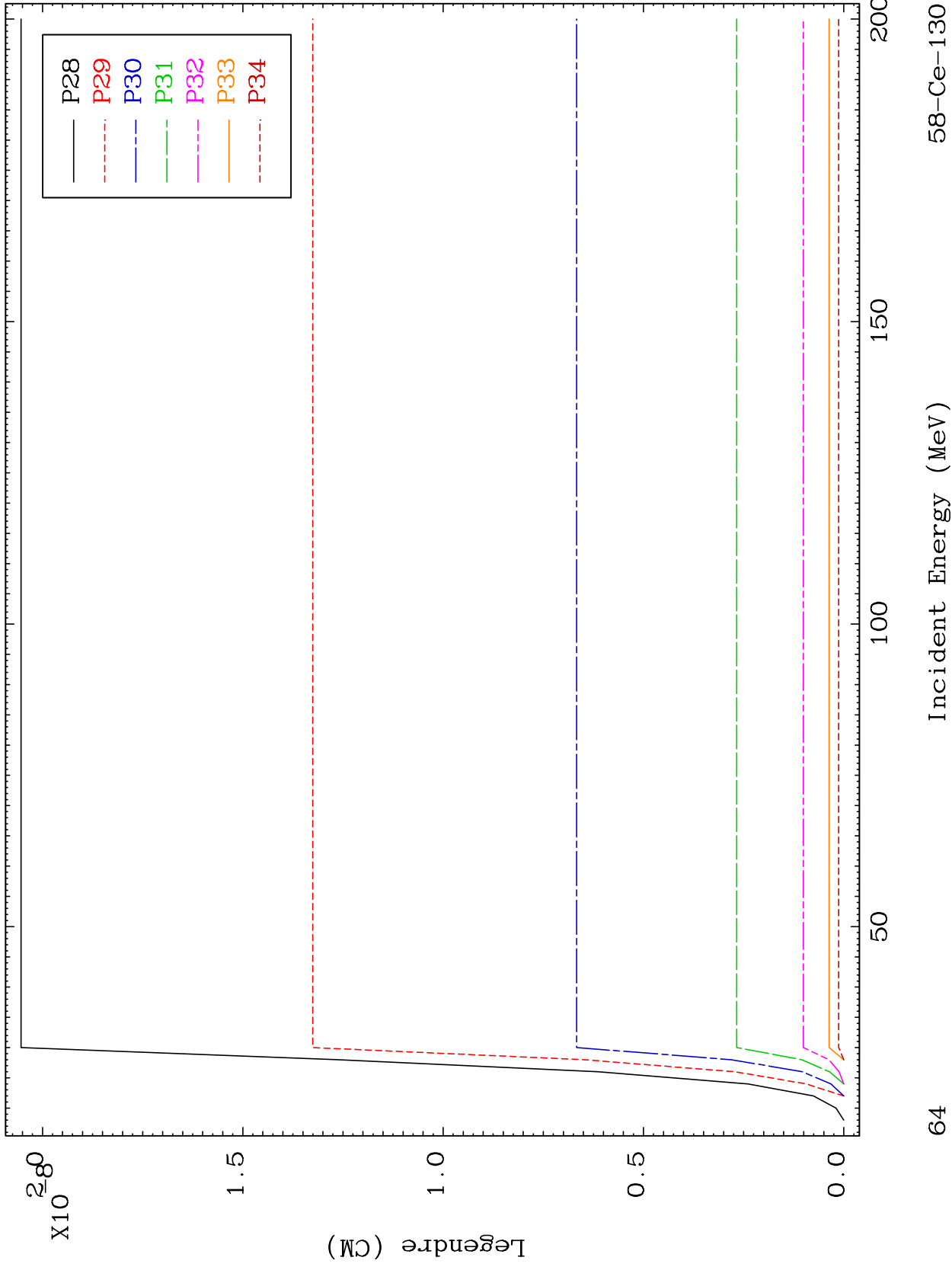
58-Ce-130



MAT 5807

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

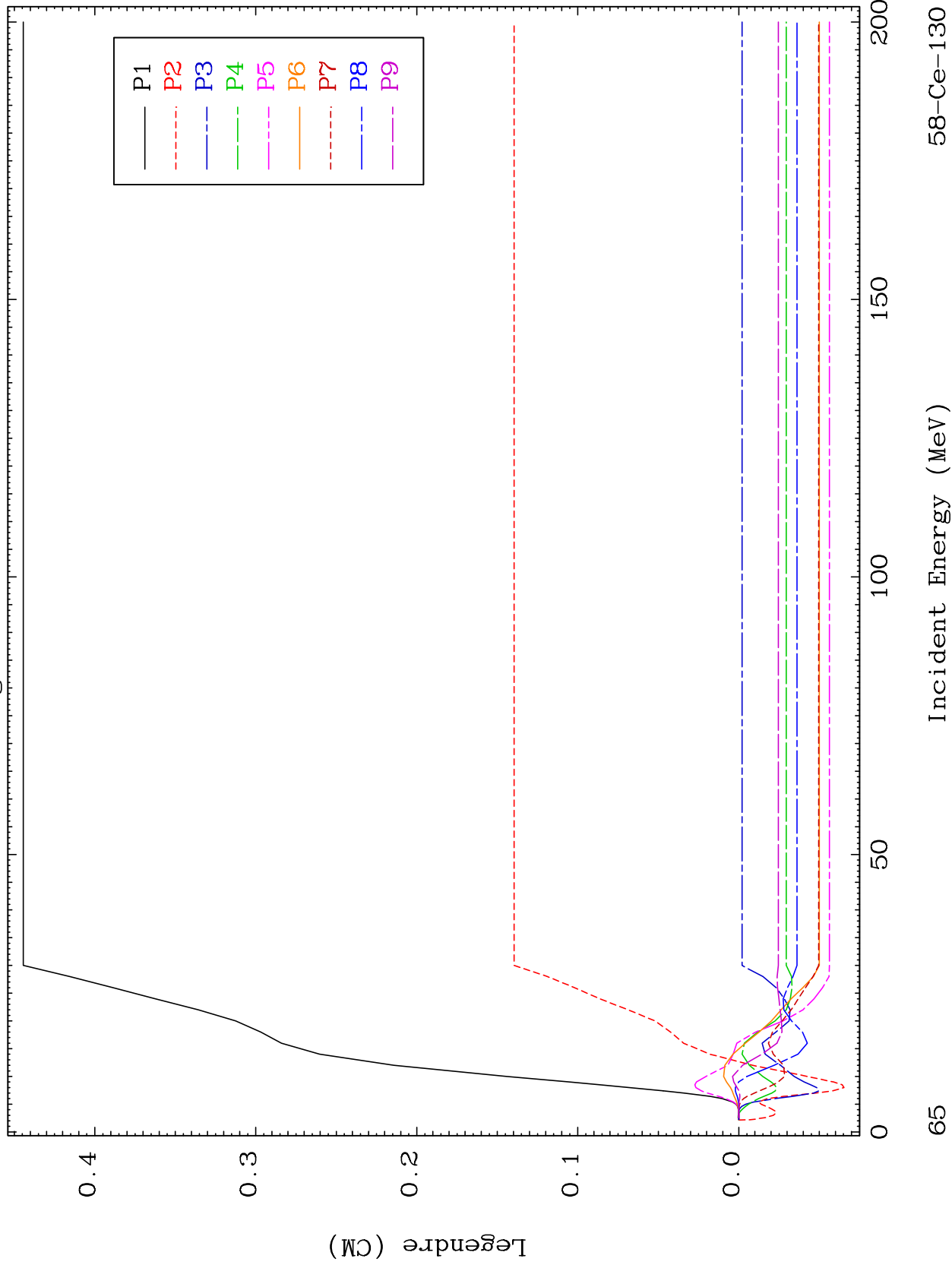
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

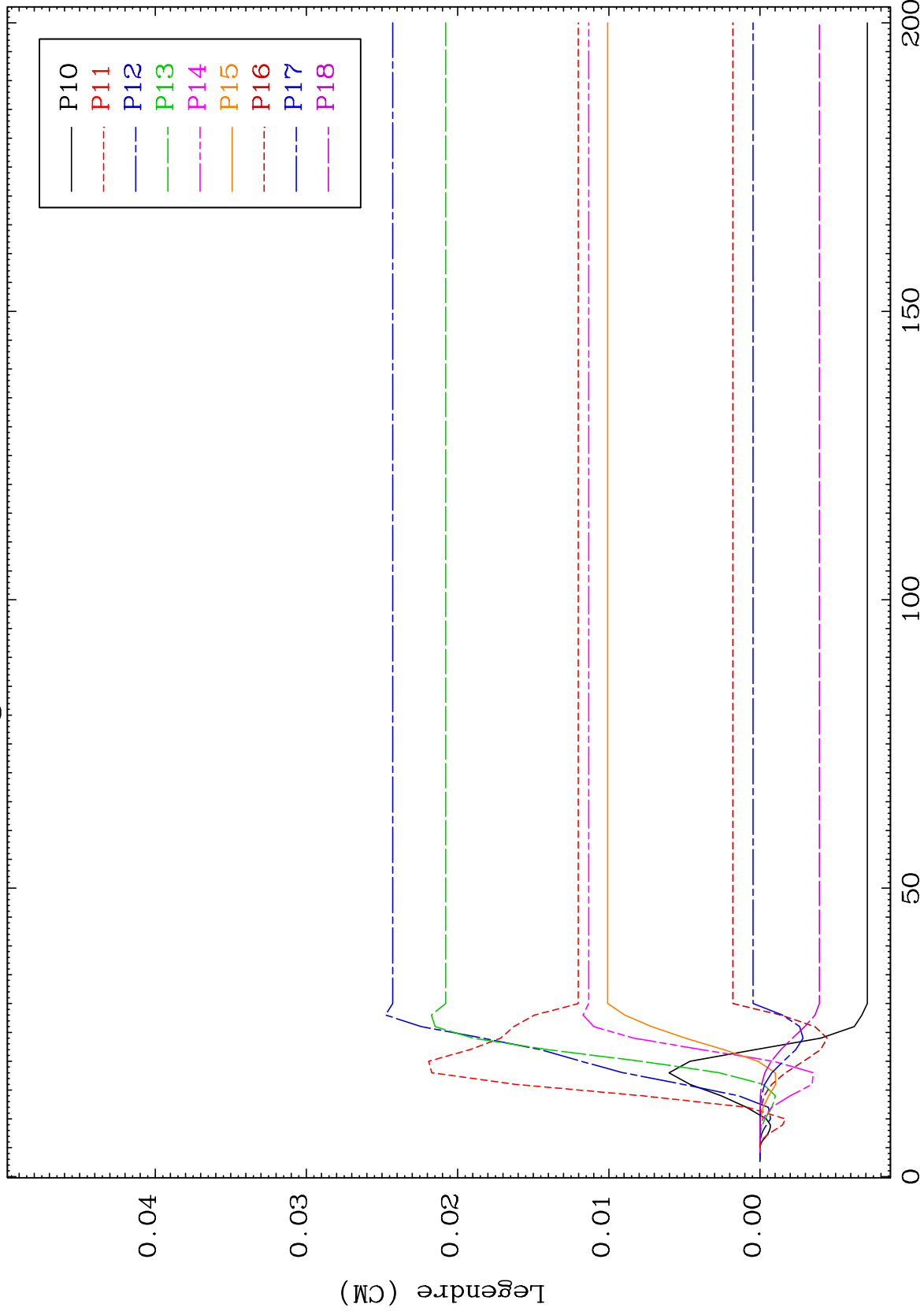
Incident Energy (MeV)

65

MAT 5807

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

58-Ce-130



66

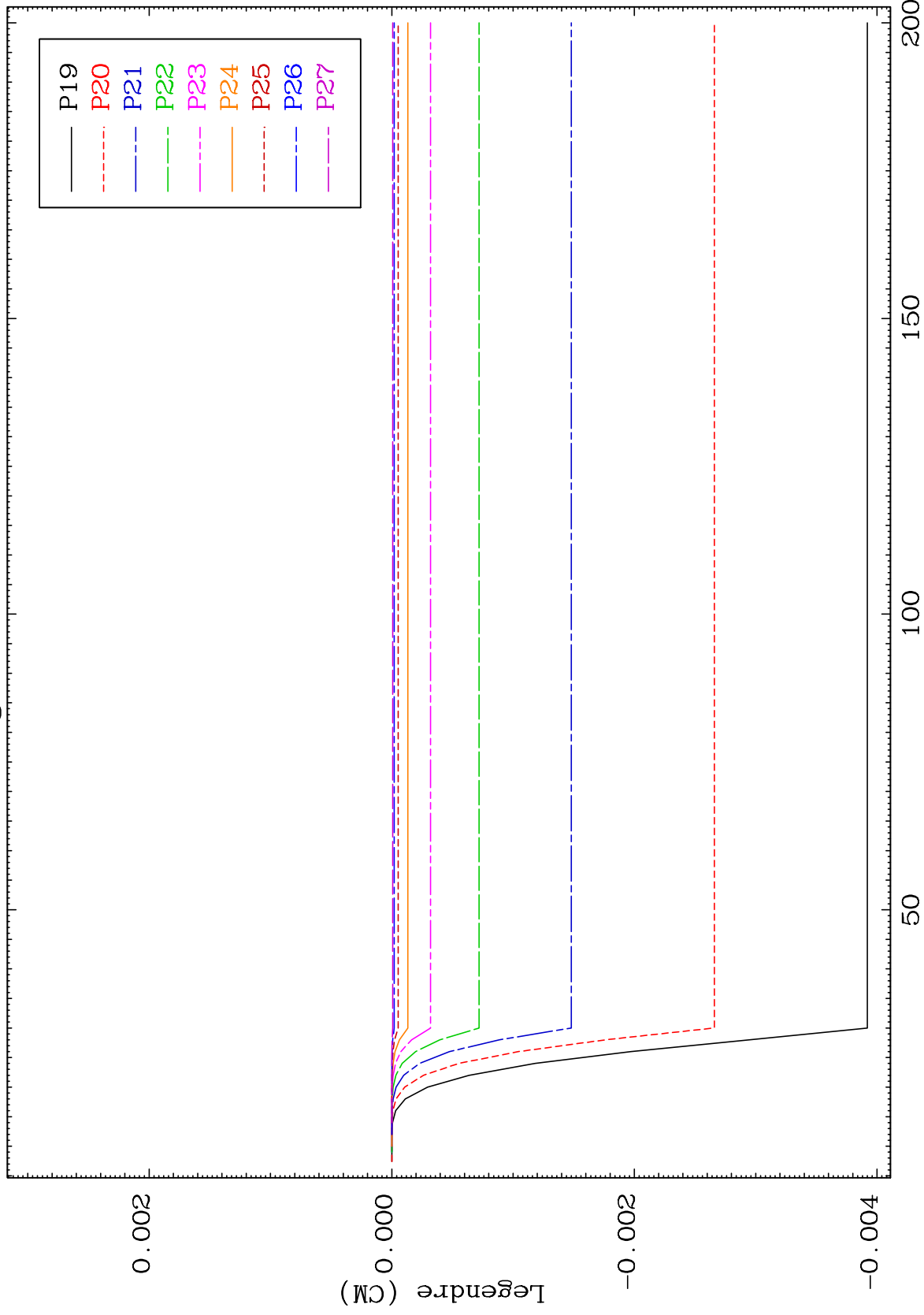
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



67

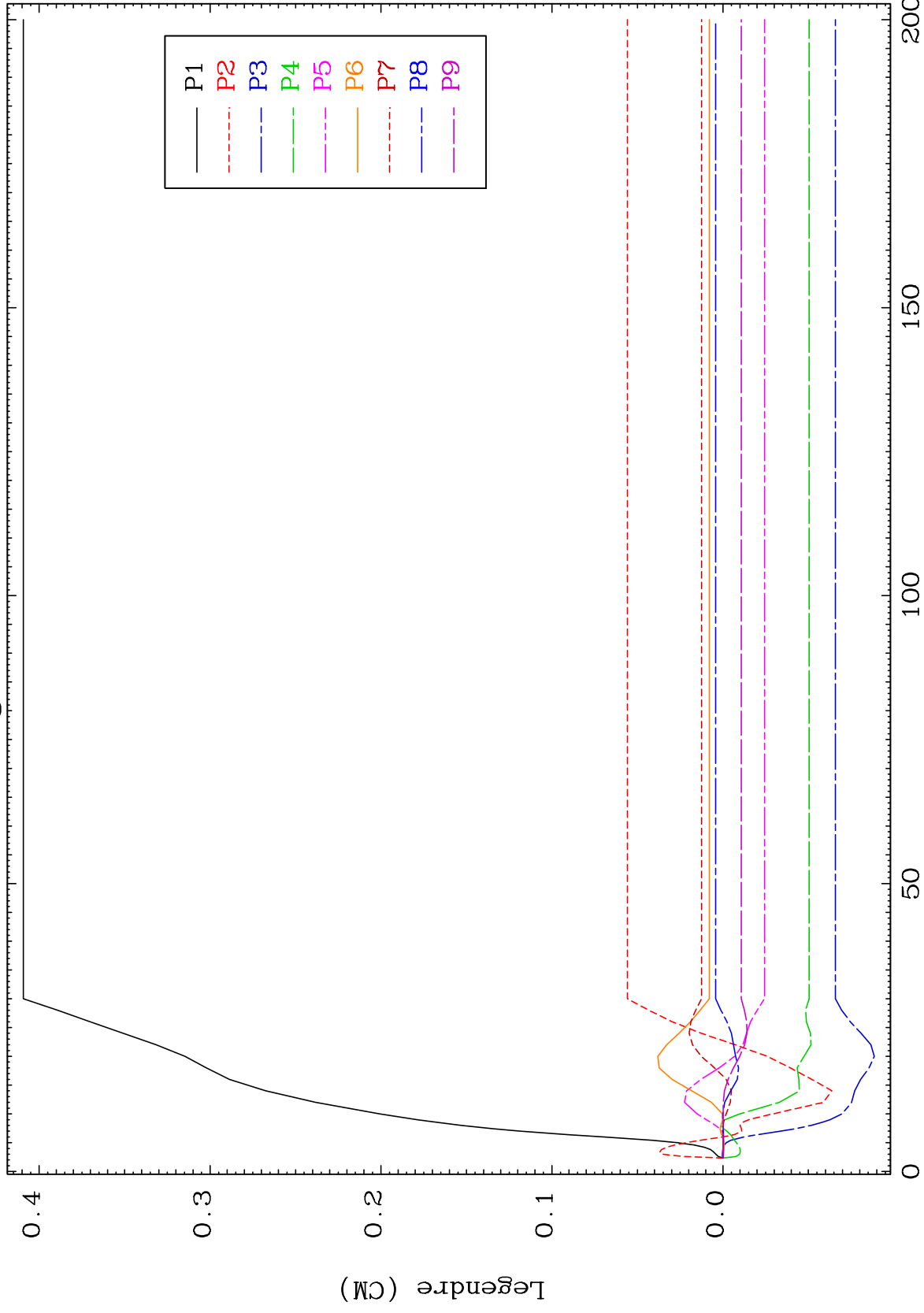
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



69

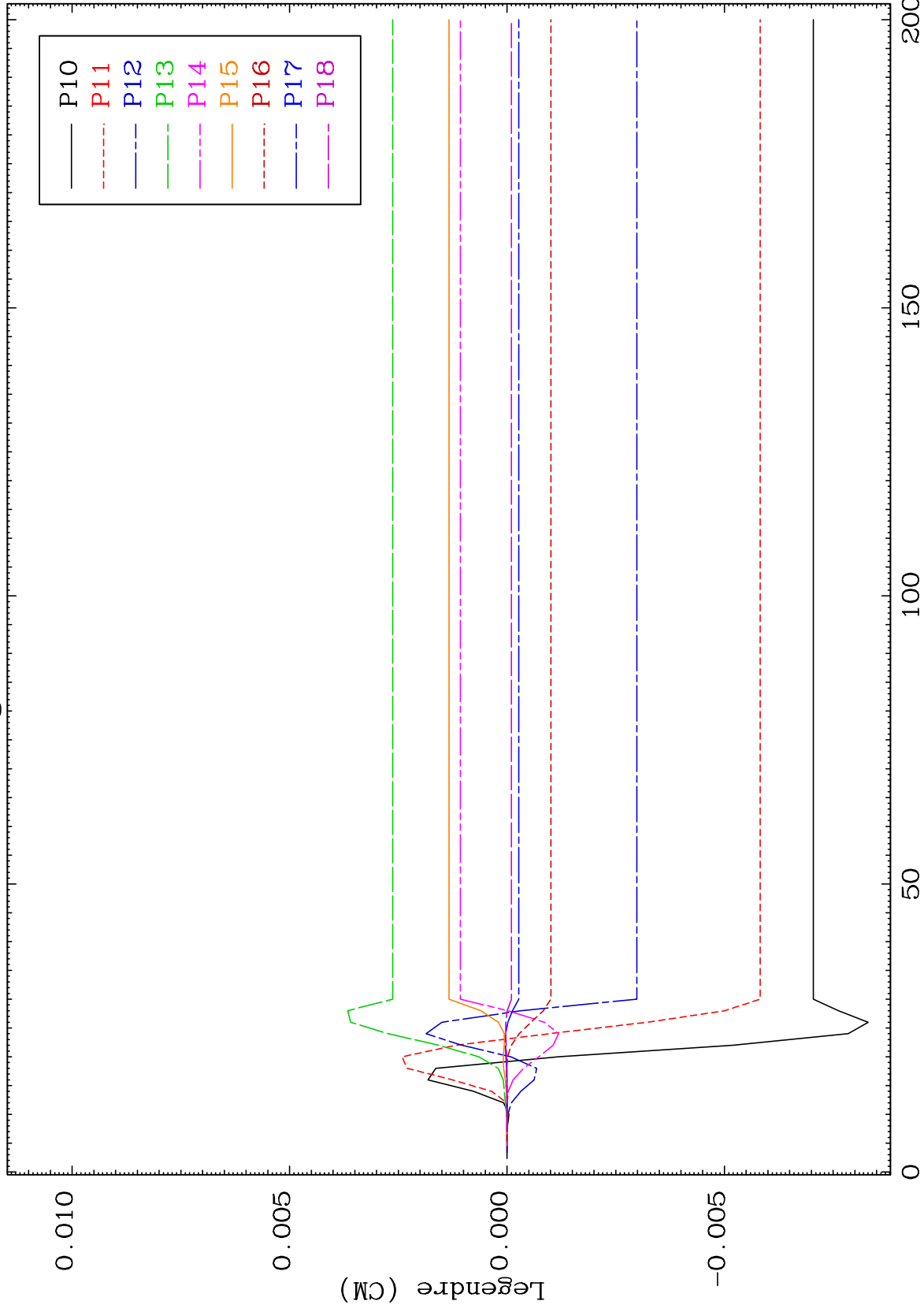
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

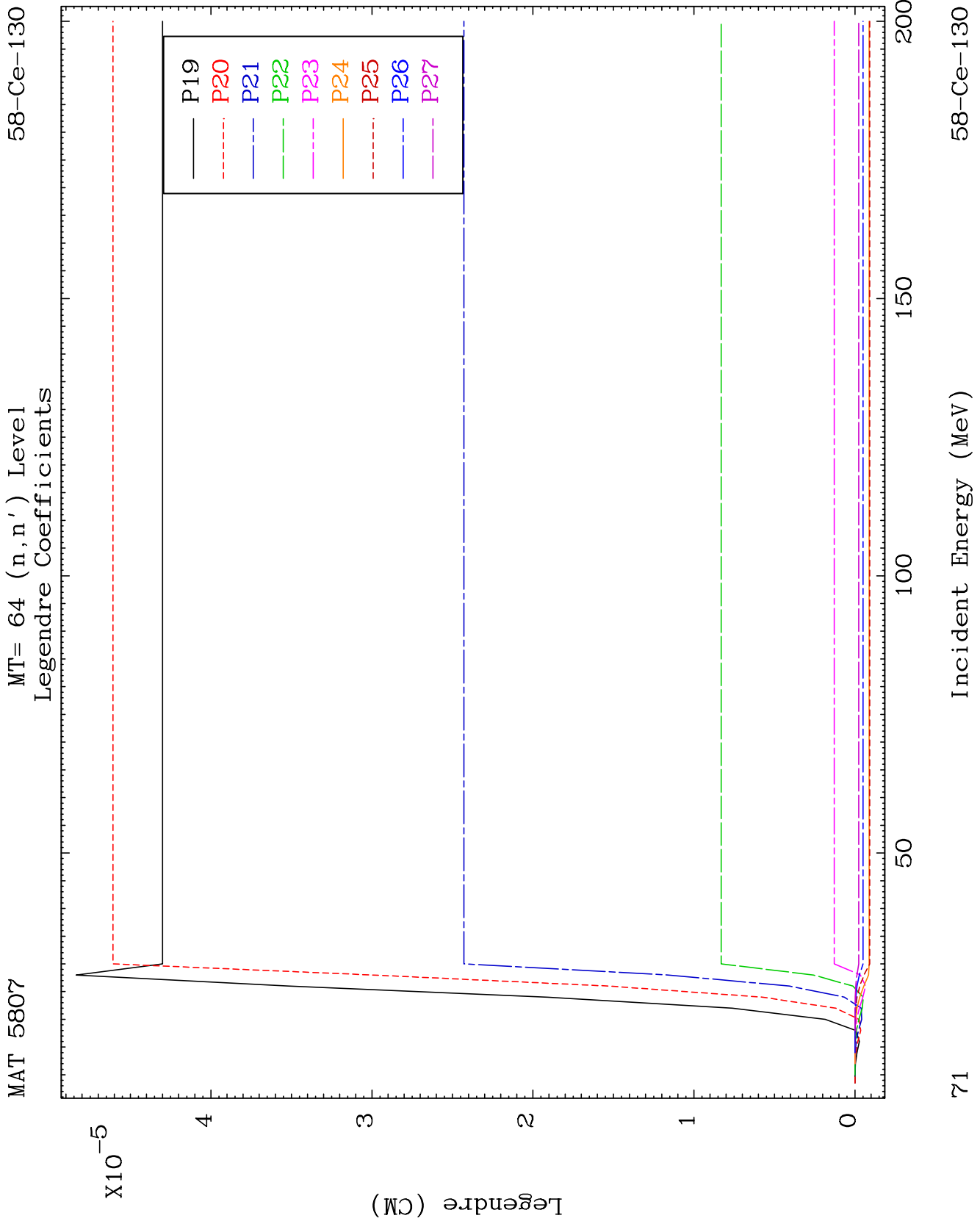
58-Ce-130

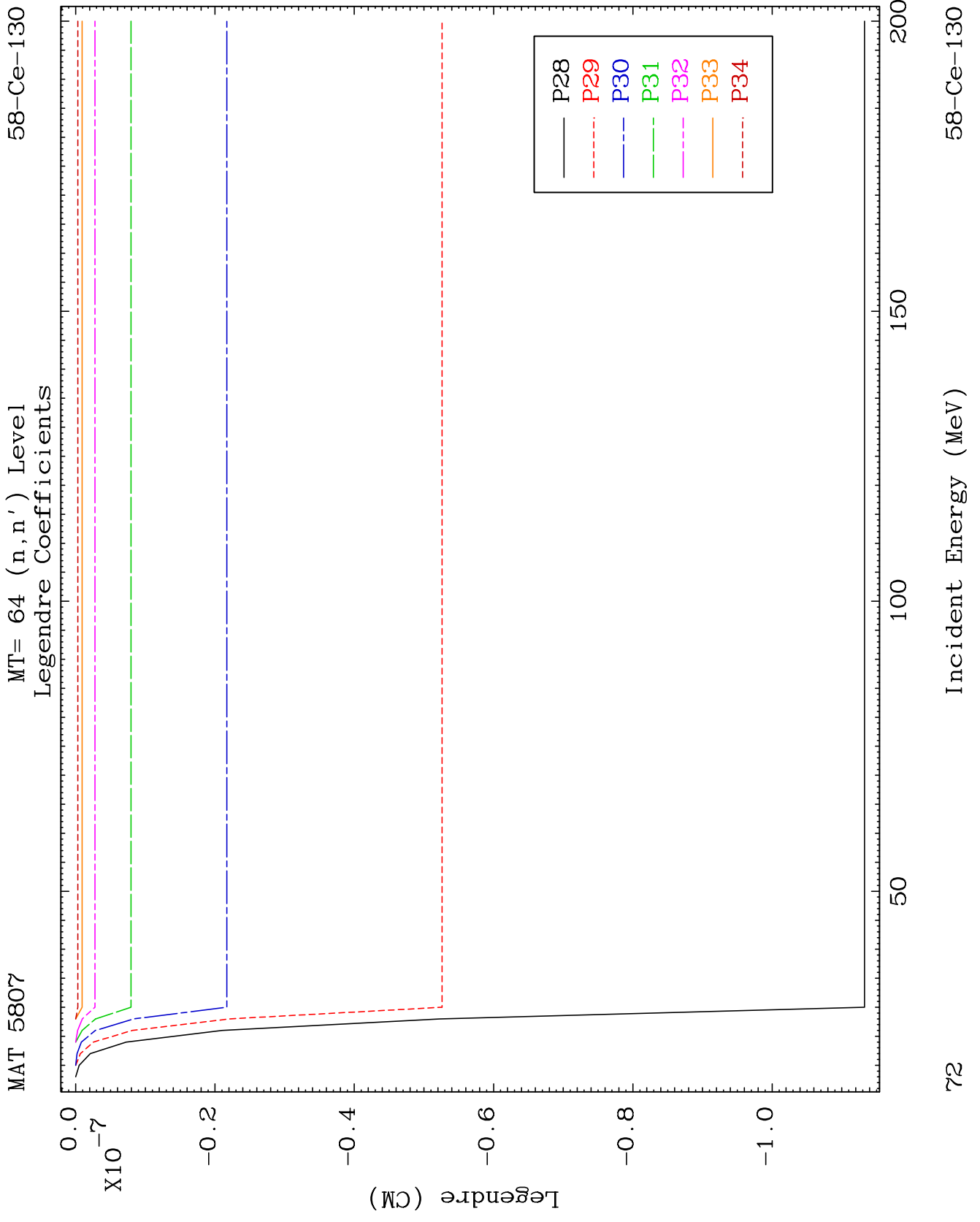


70

Incident Energy (MeV)

58-Ce-130

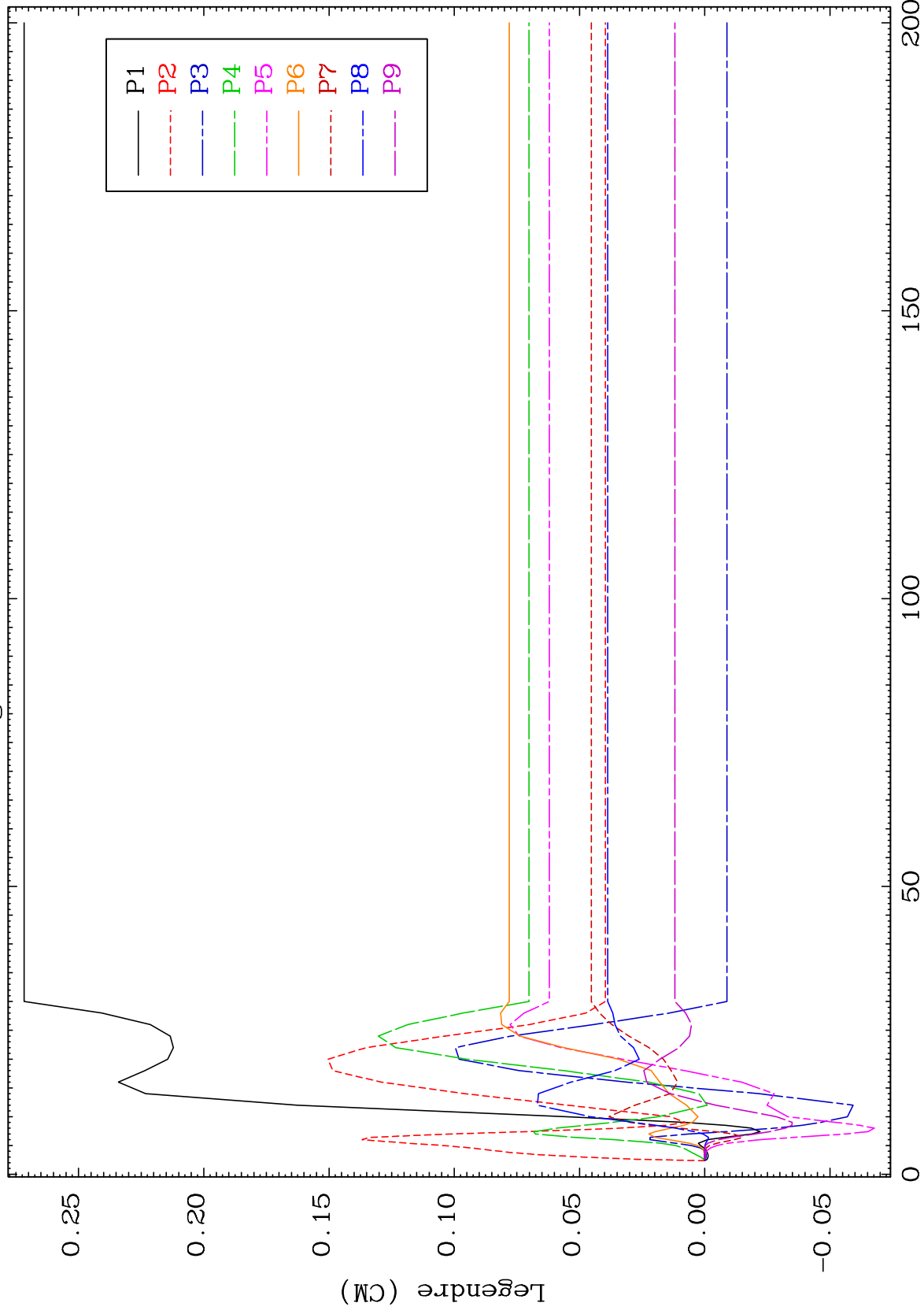




MAT 5807

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

58-Ce-130



73

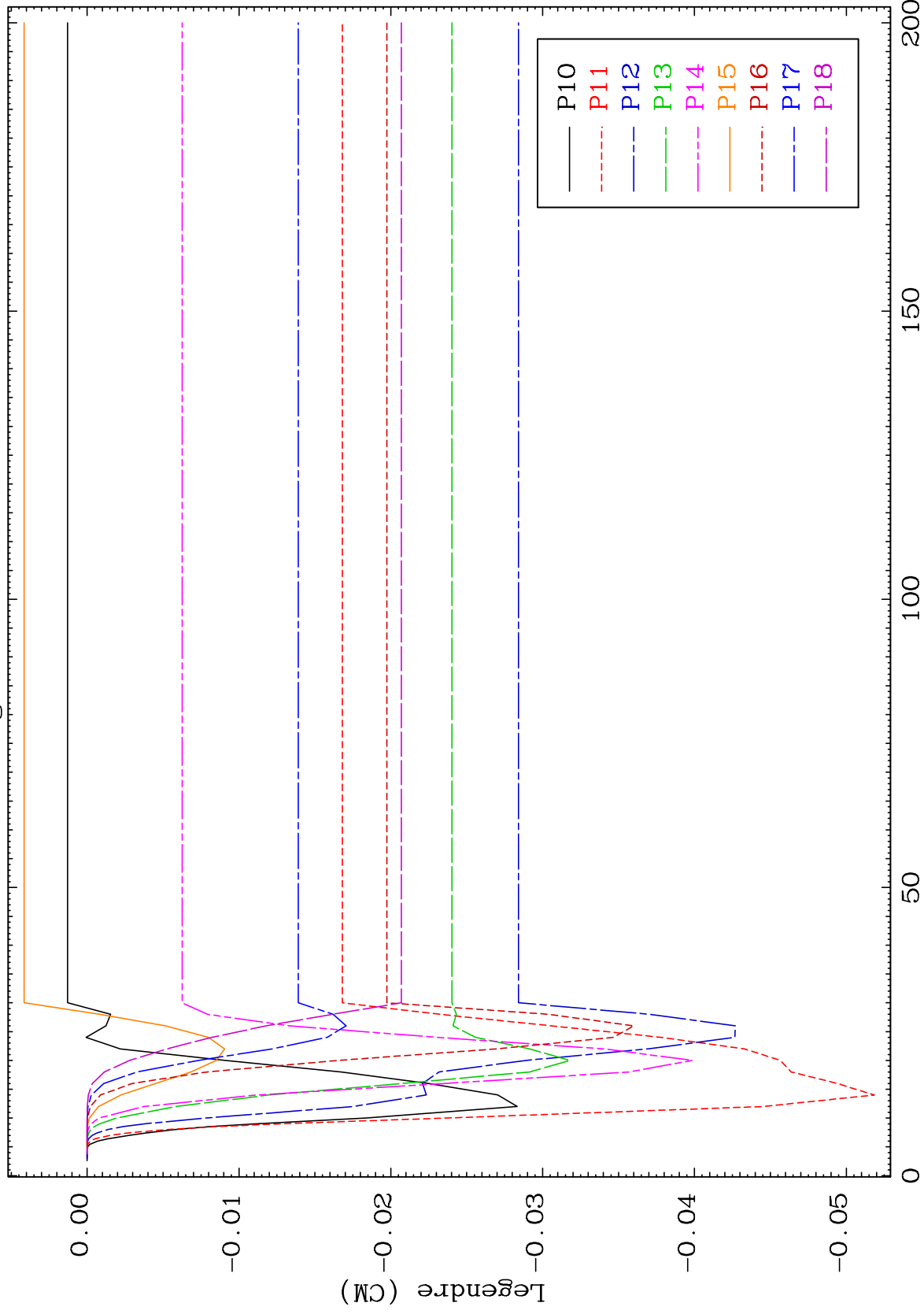
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

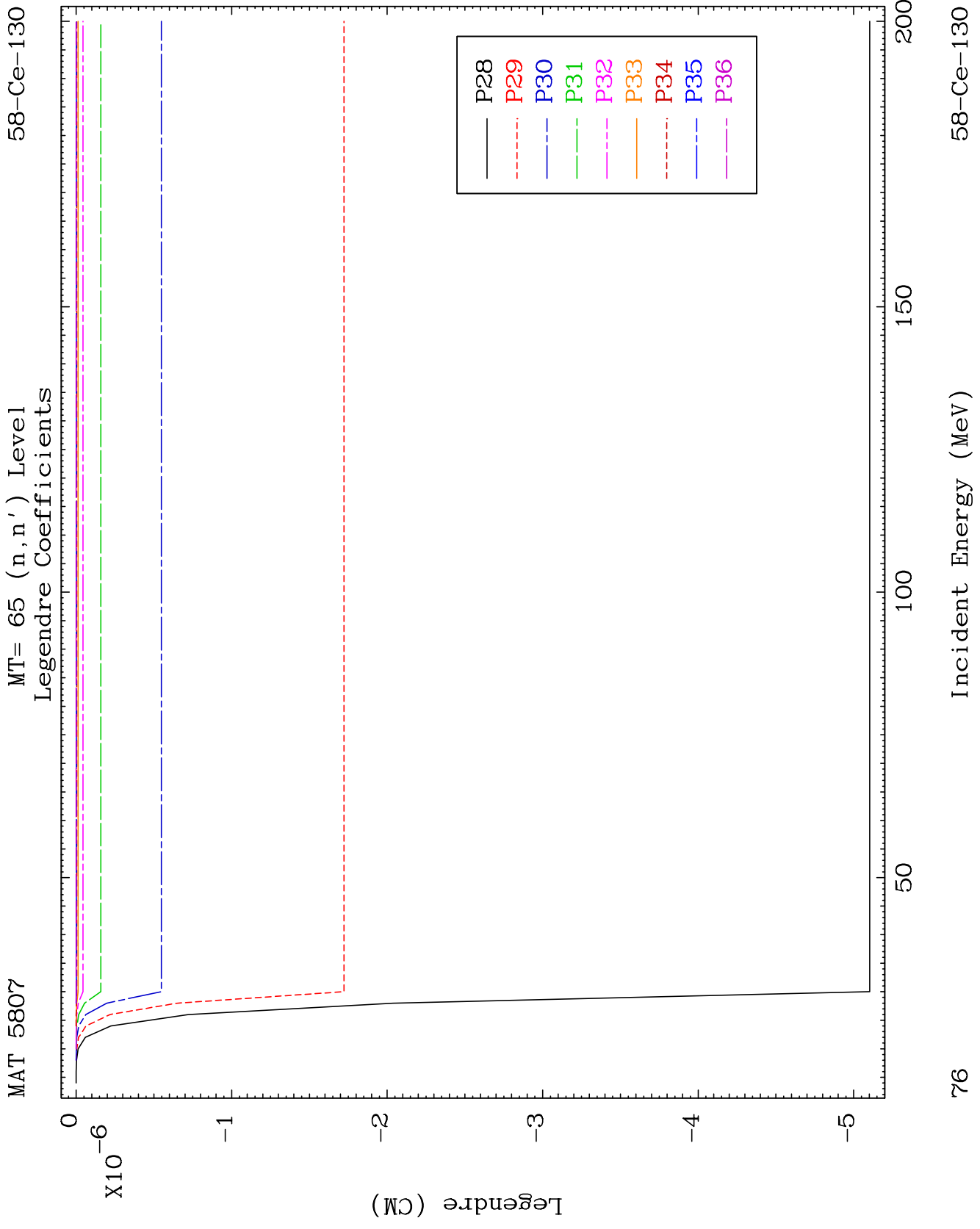
58-Ce-130



74

Incident Energy (MeV)

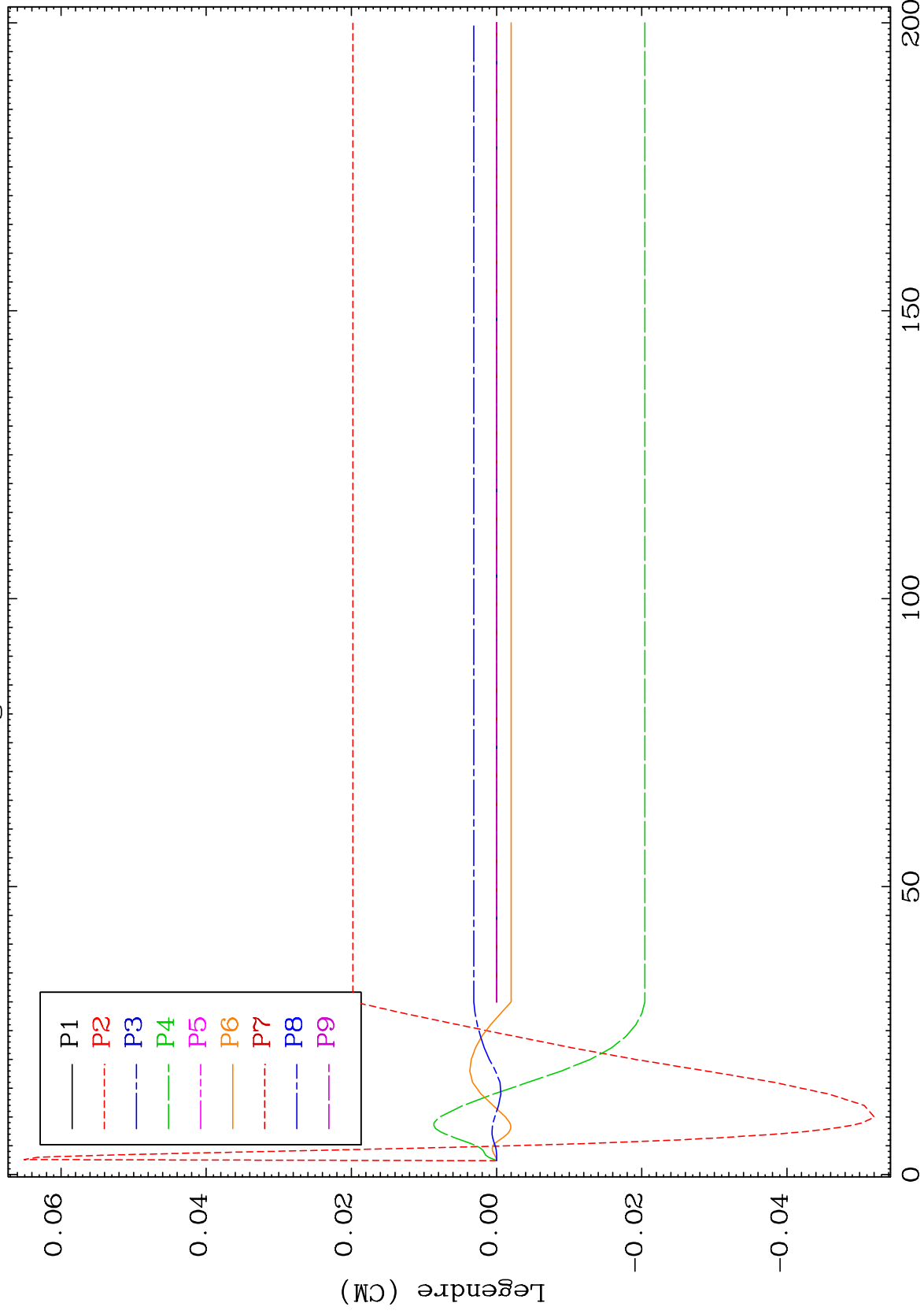
58-Ce-130



MAT 5807

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

58-Ce-130



77

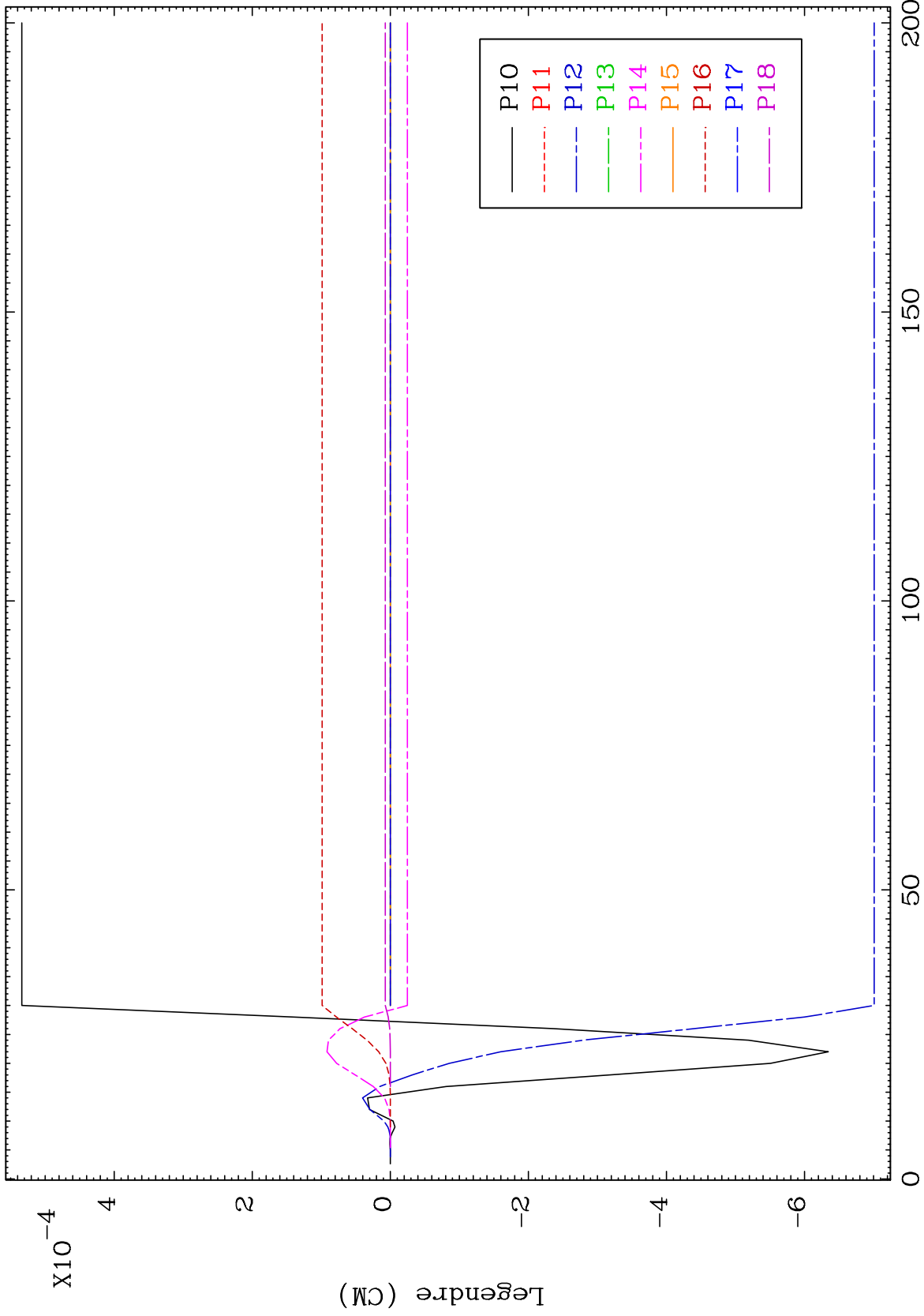
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

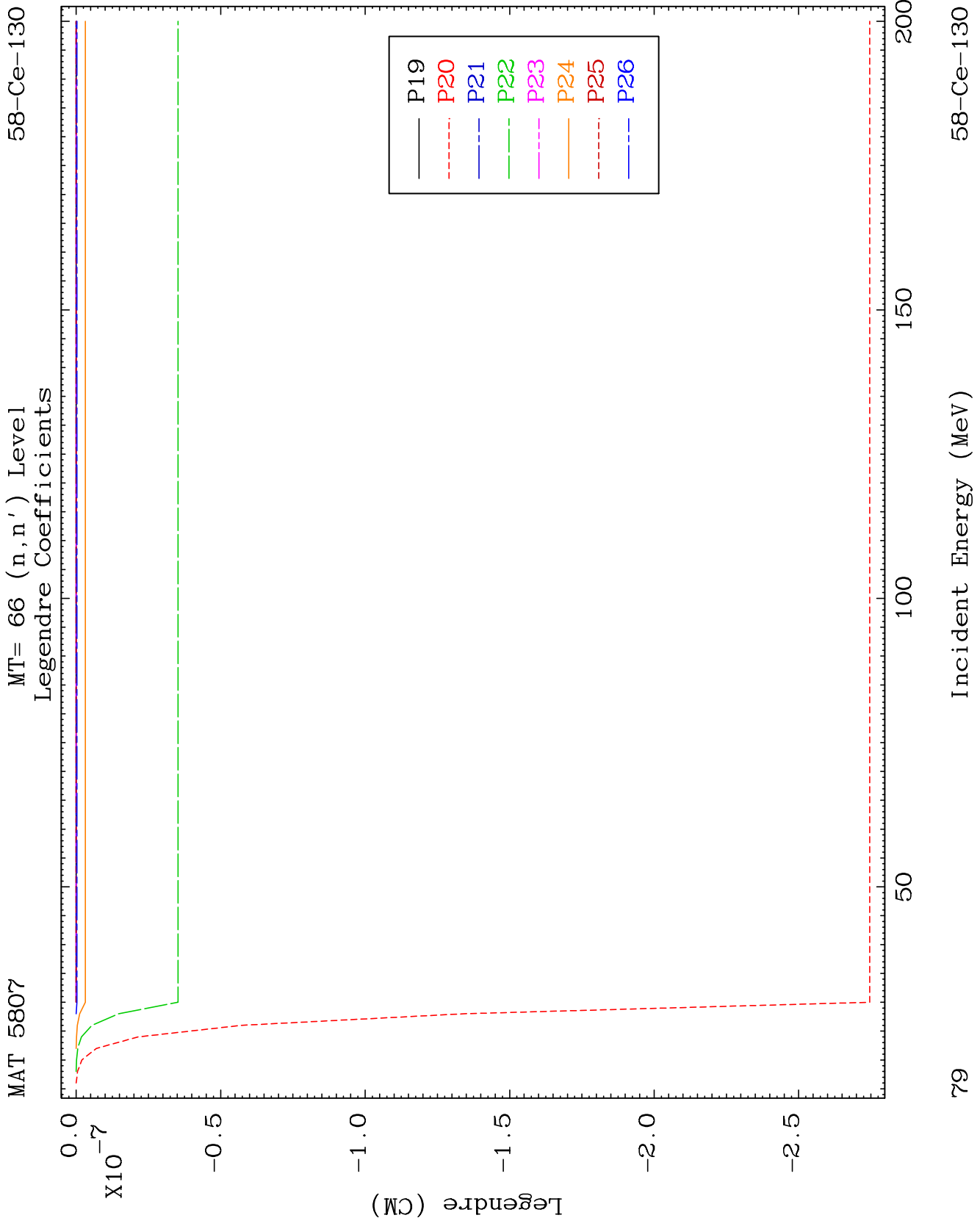
58-Ce-130



78

Incident Energy (MeV)

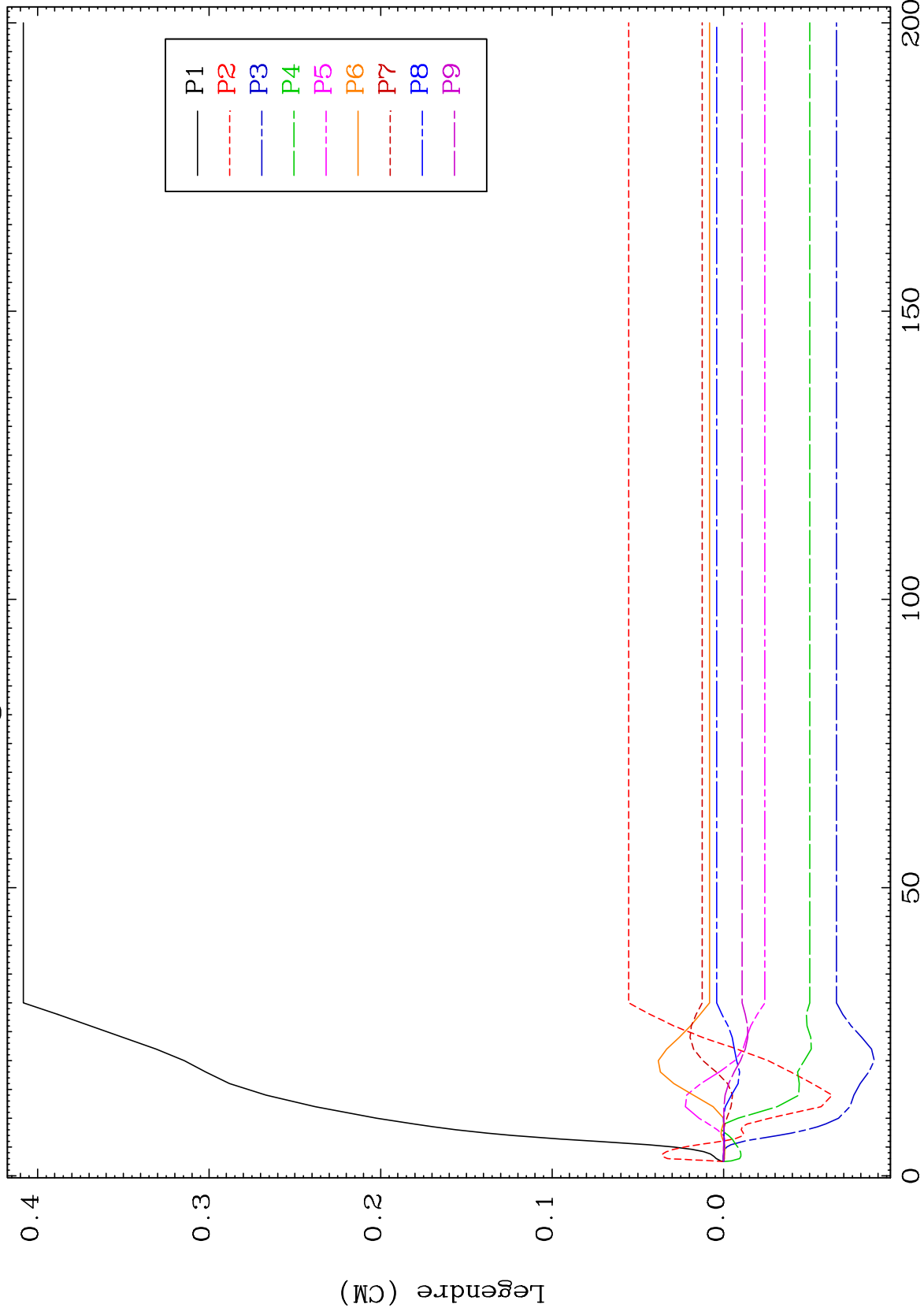
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

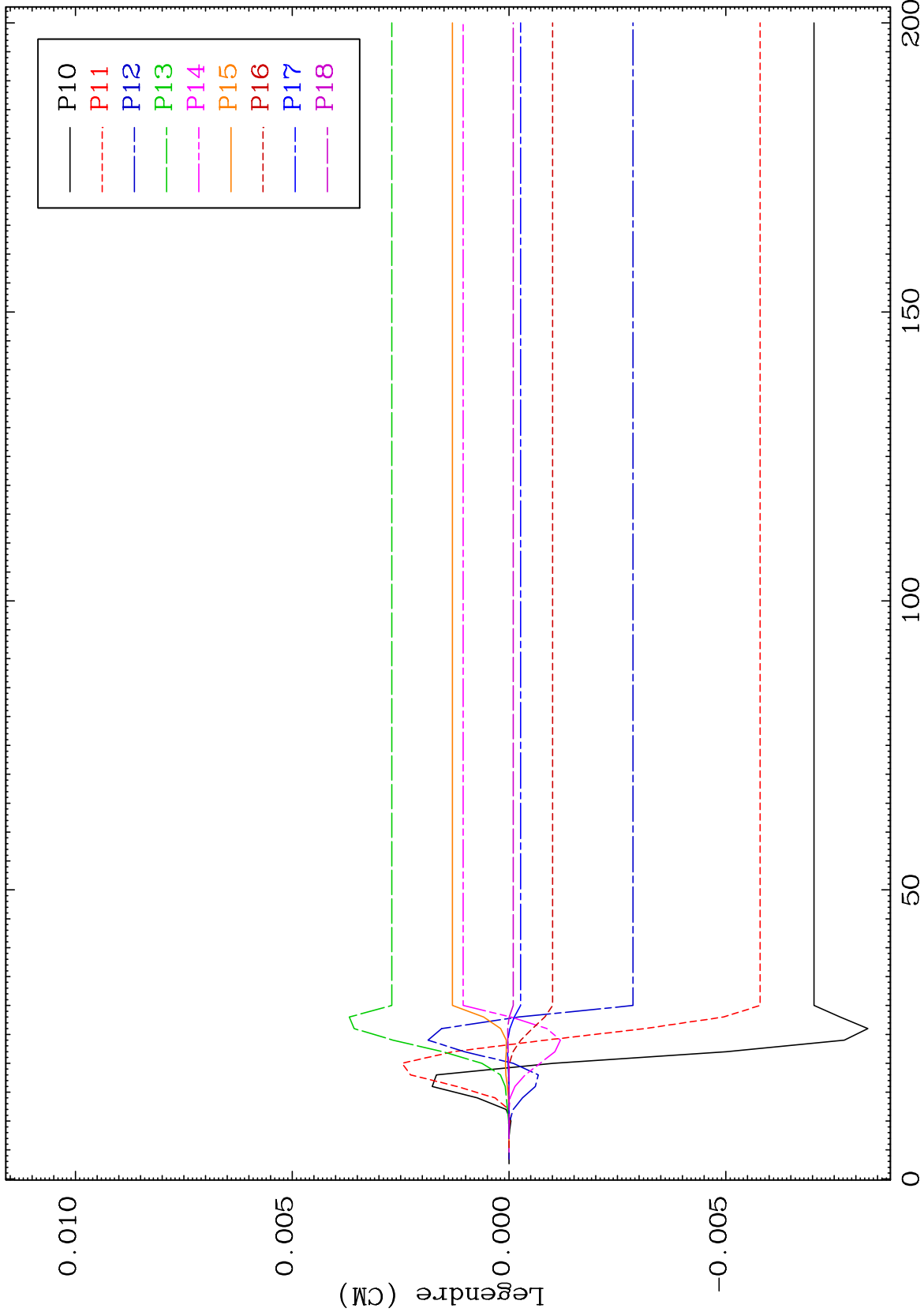
Incident Energy (MeV)

80

MAT 5807

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

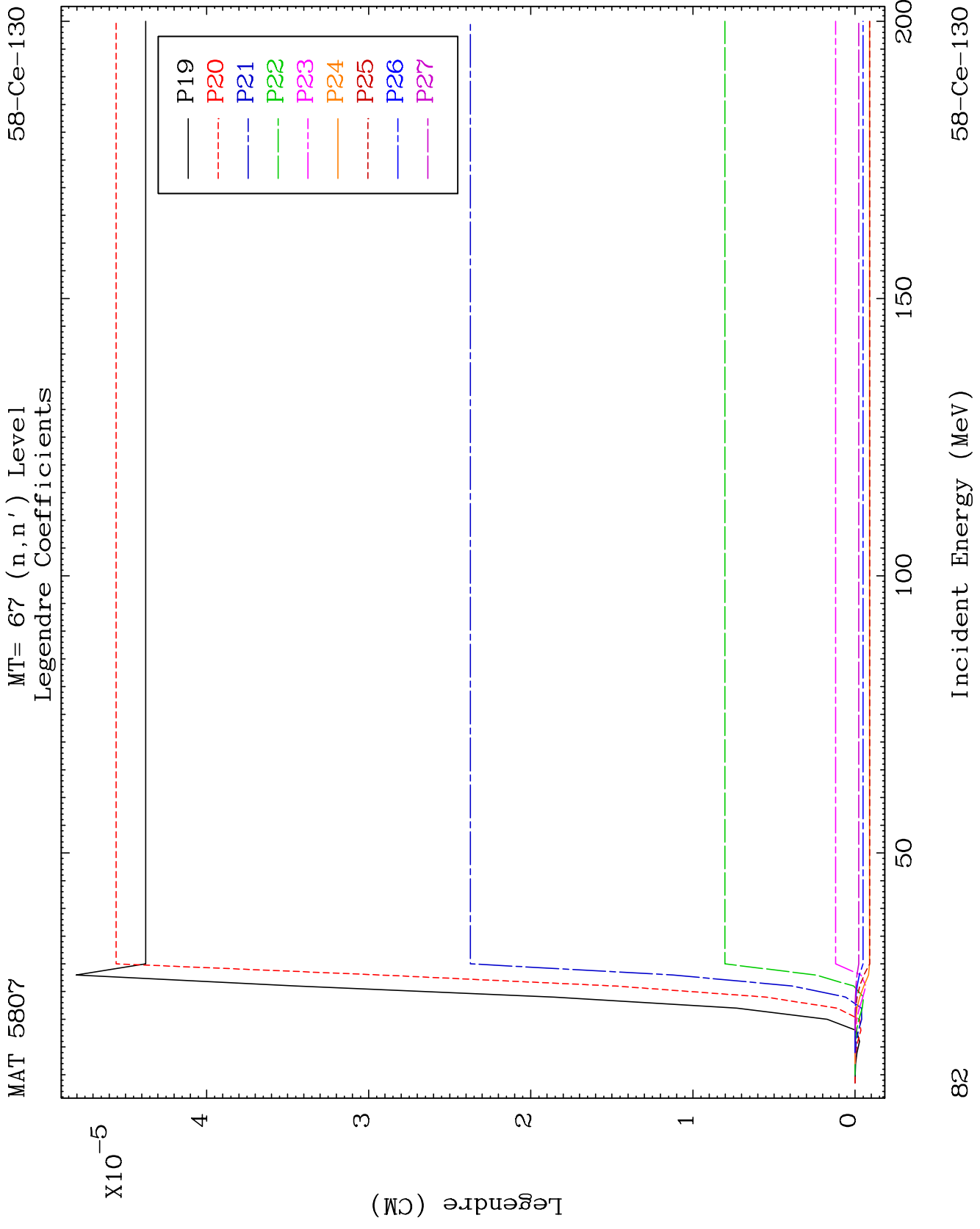
58-Ce-130

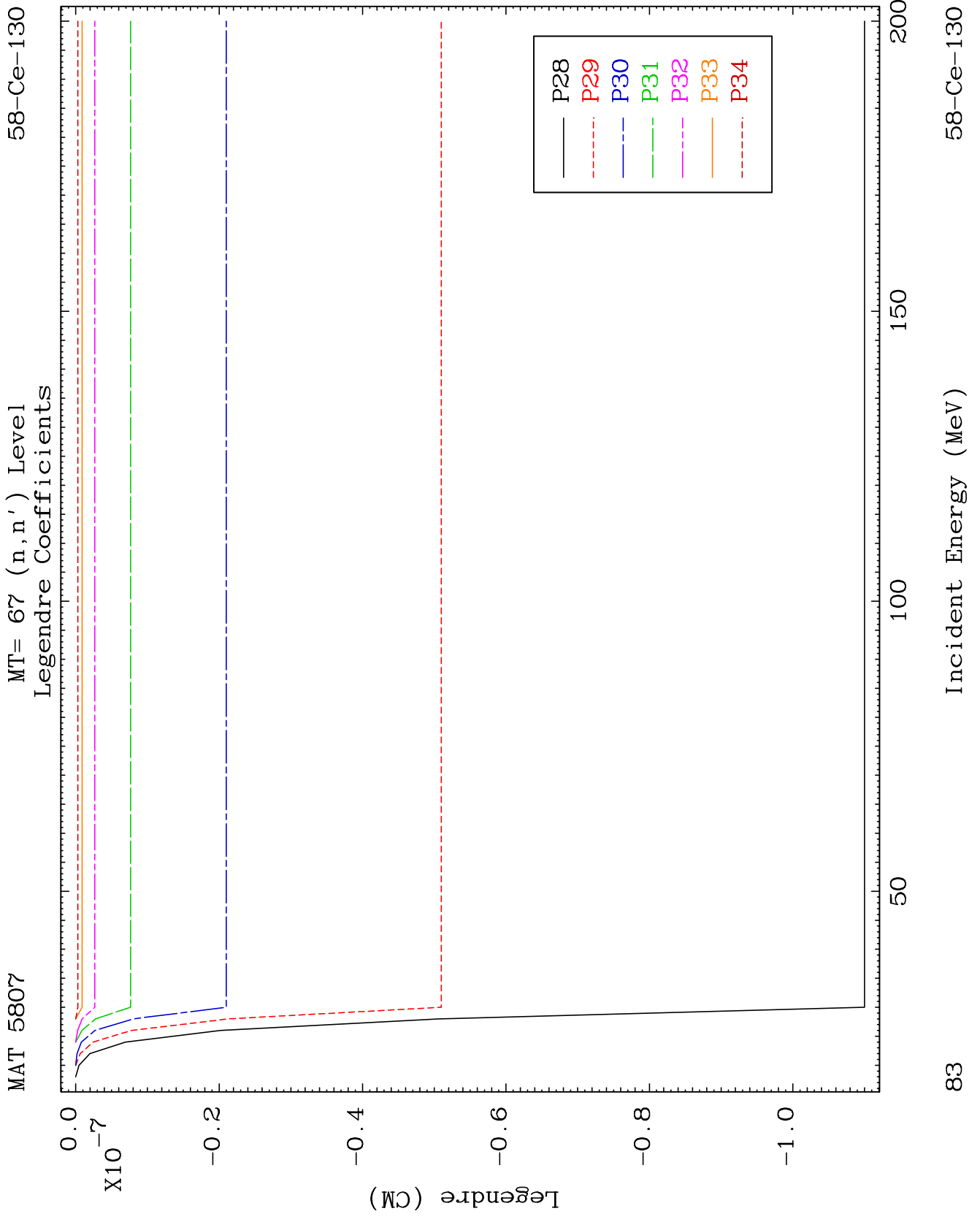


81

Incident Energy (MeV)

58-Ce-130

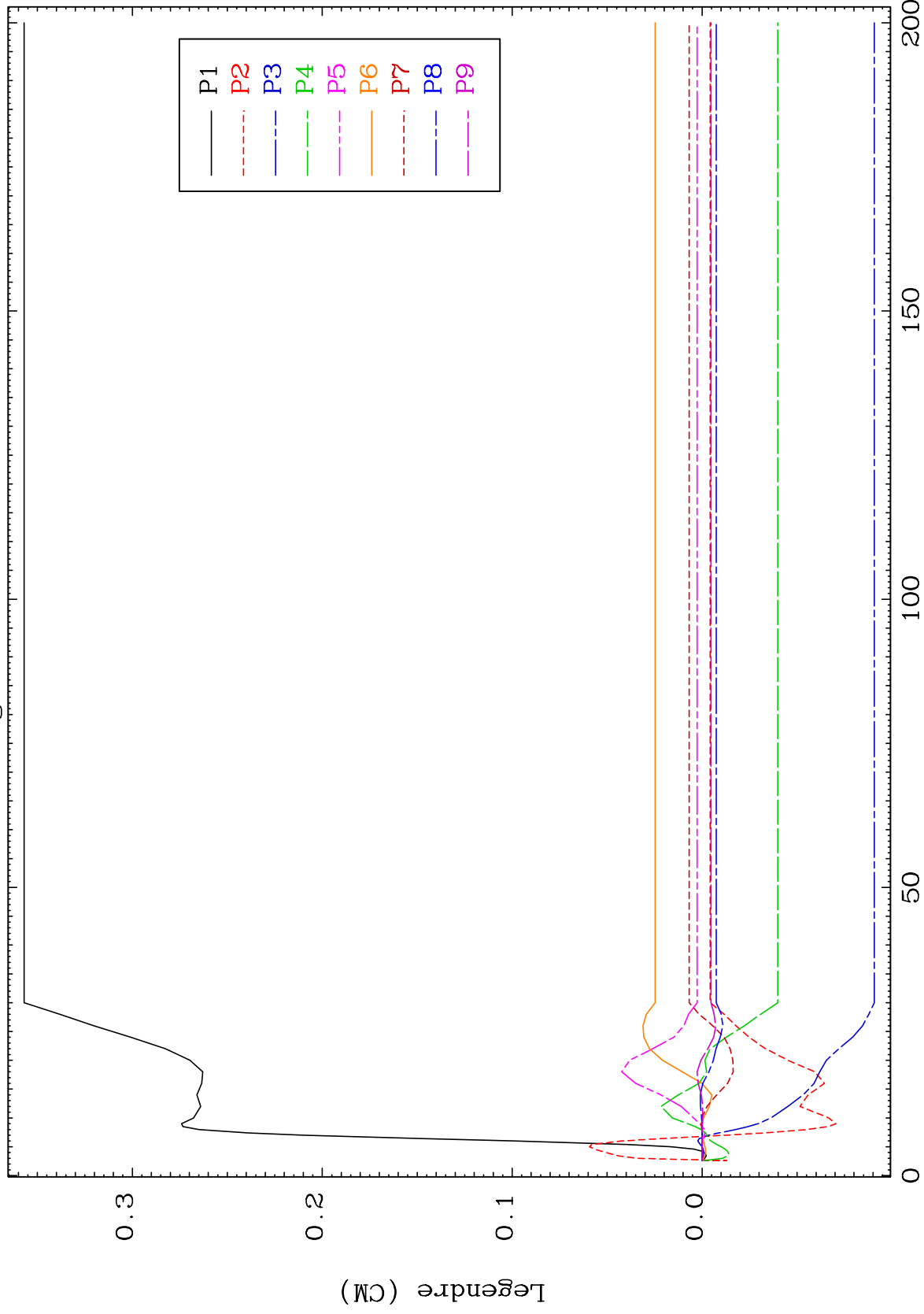




MAT 5807

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

58-Ce-130



84

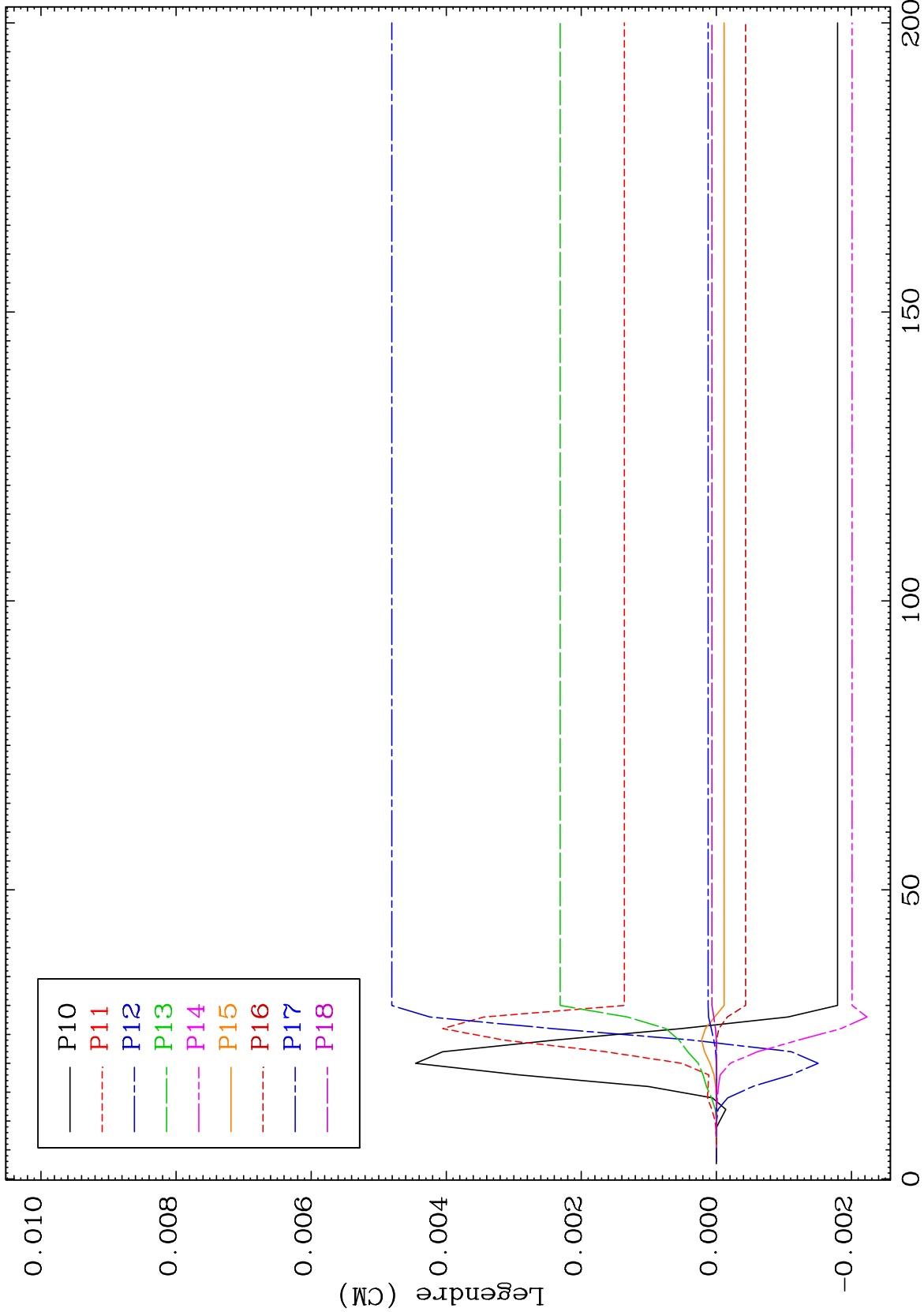
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



85

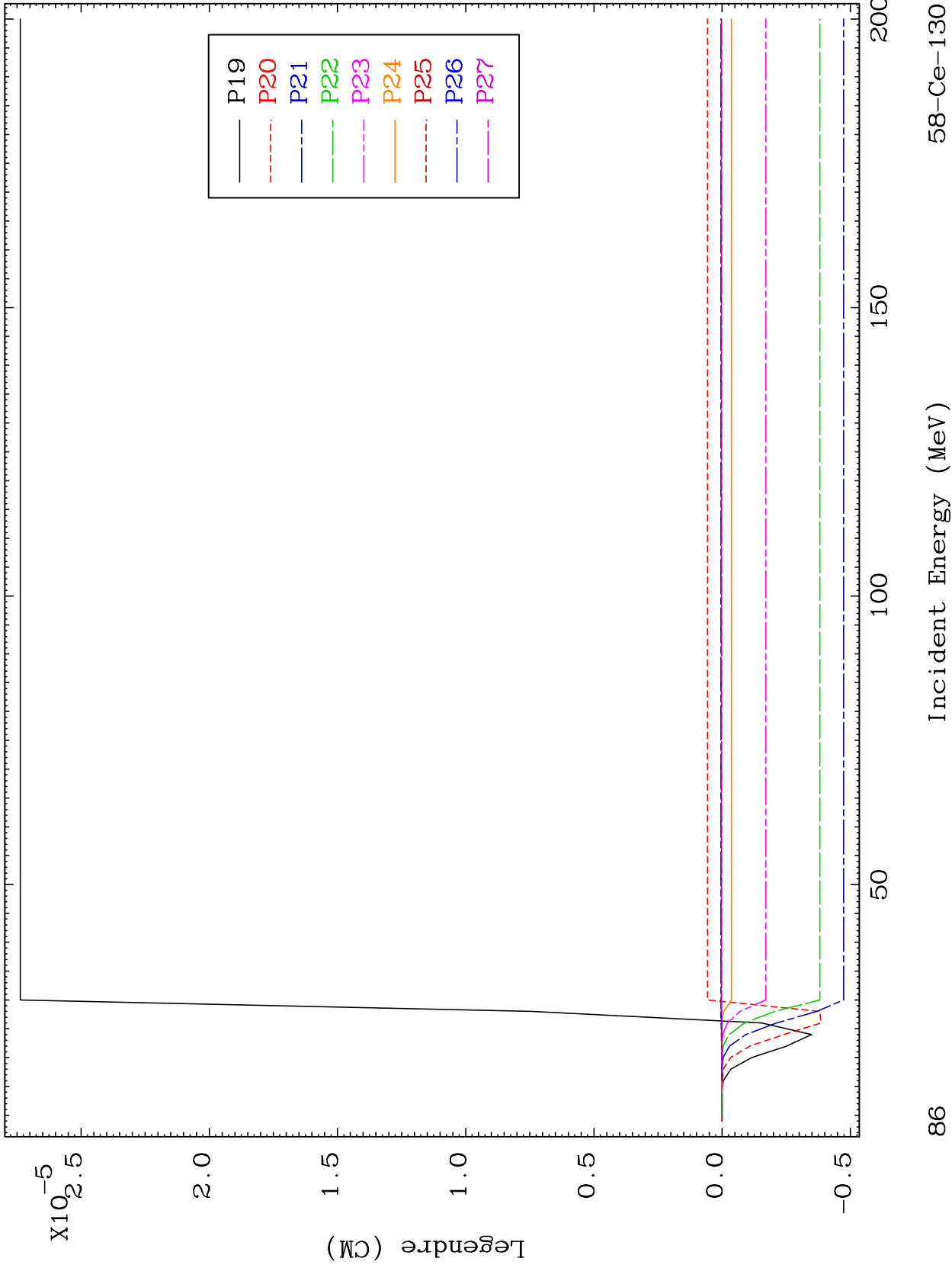
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

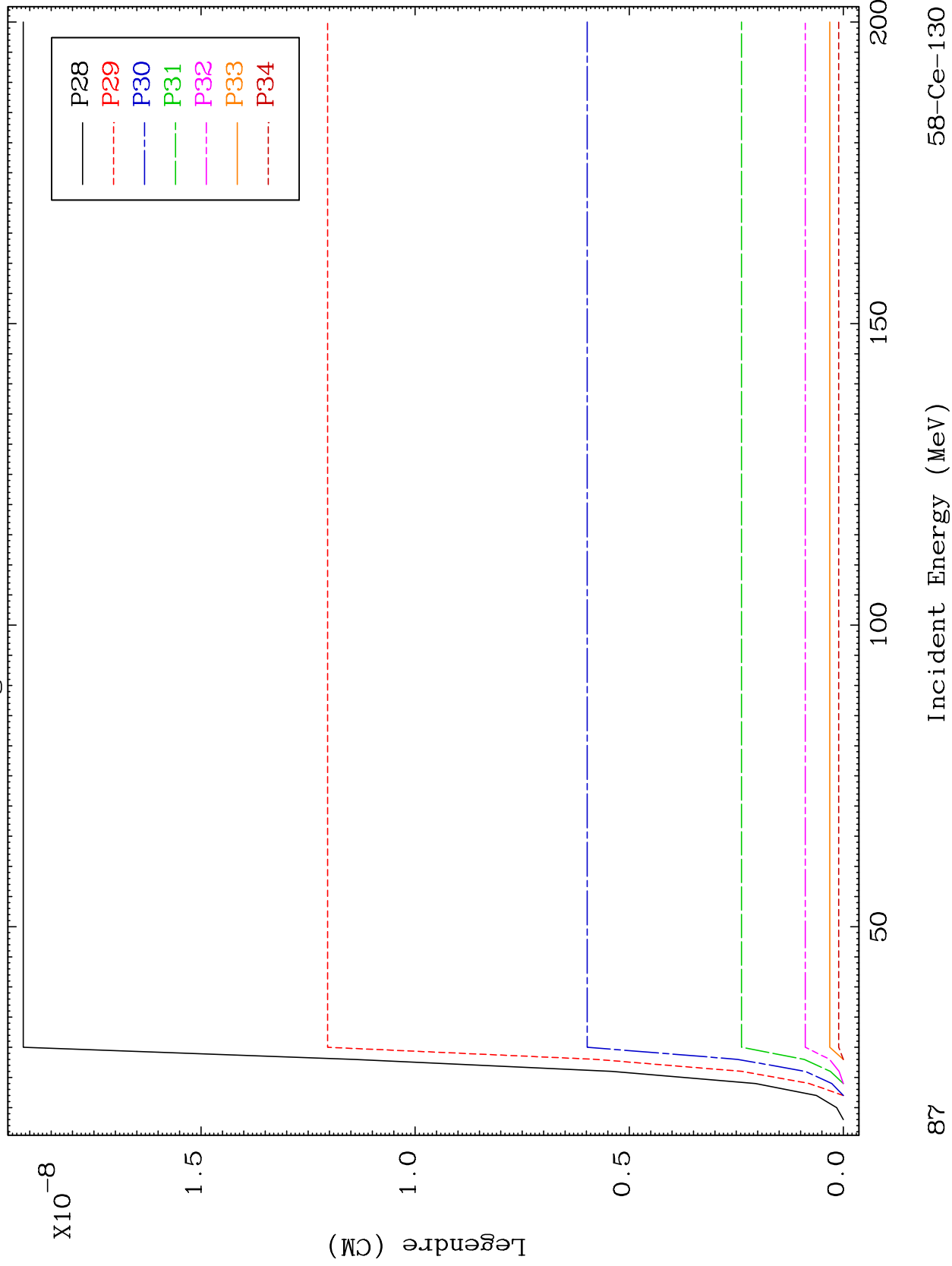
58-Ce-130



MAT 5807

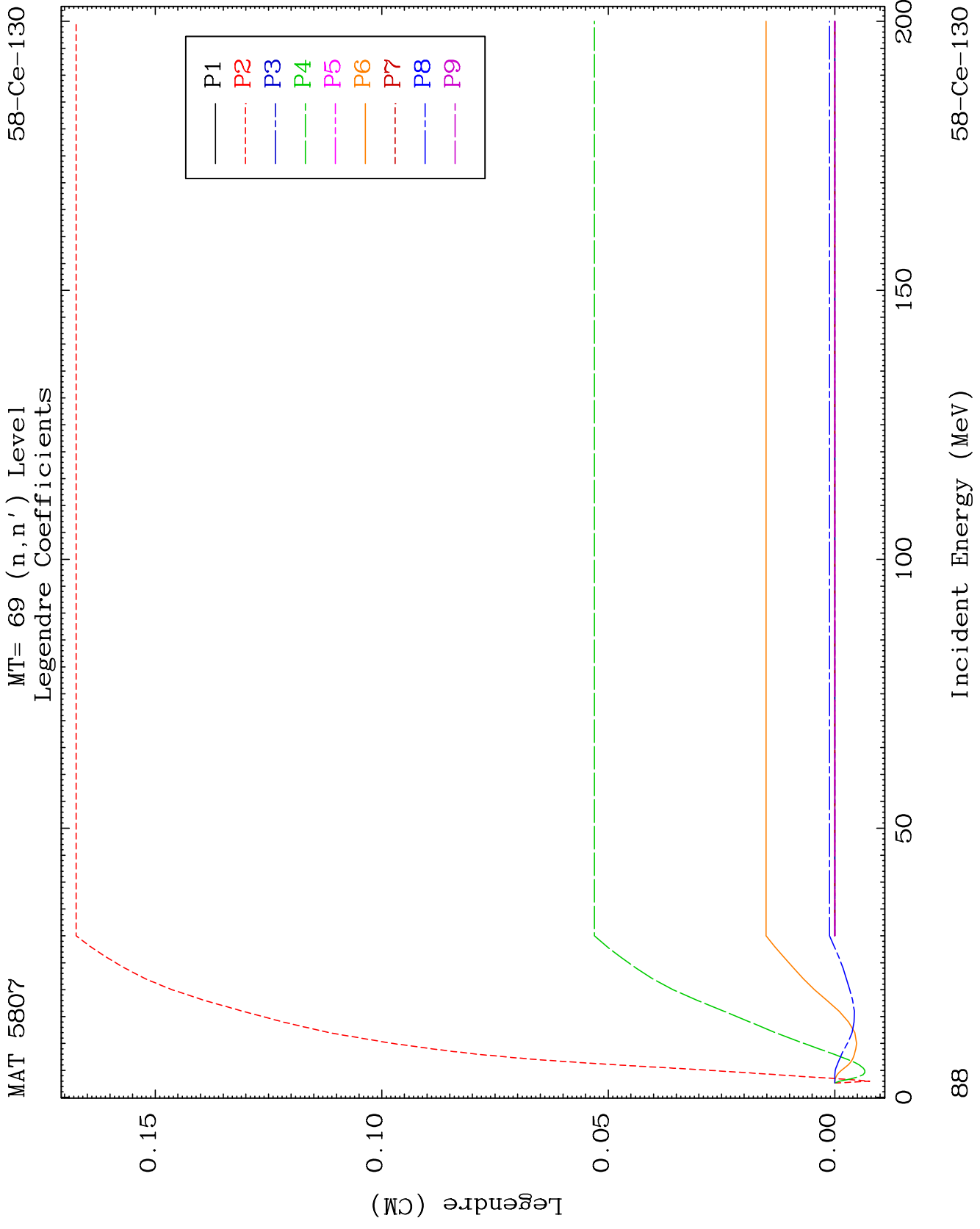
MT= 68 (n,n') Level
Legendre Coefficients

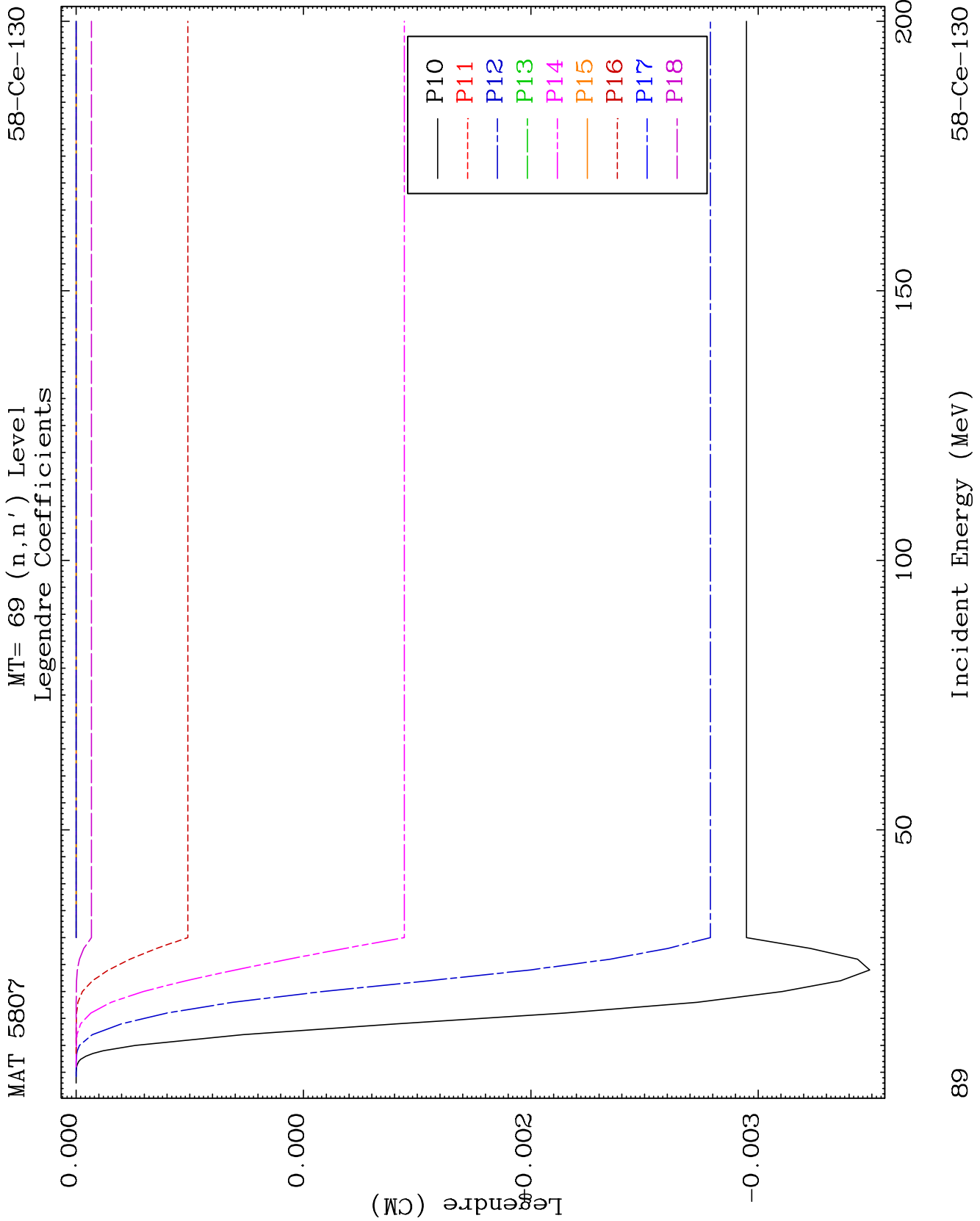
58-Ce-130

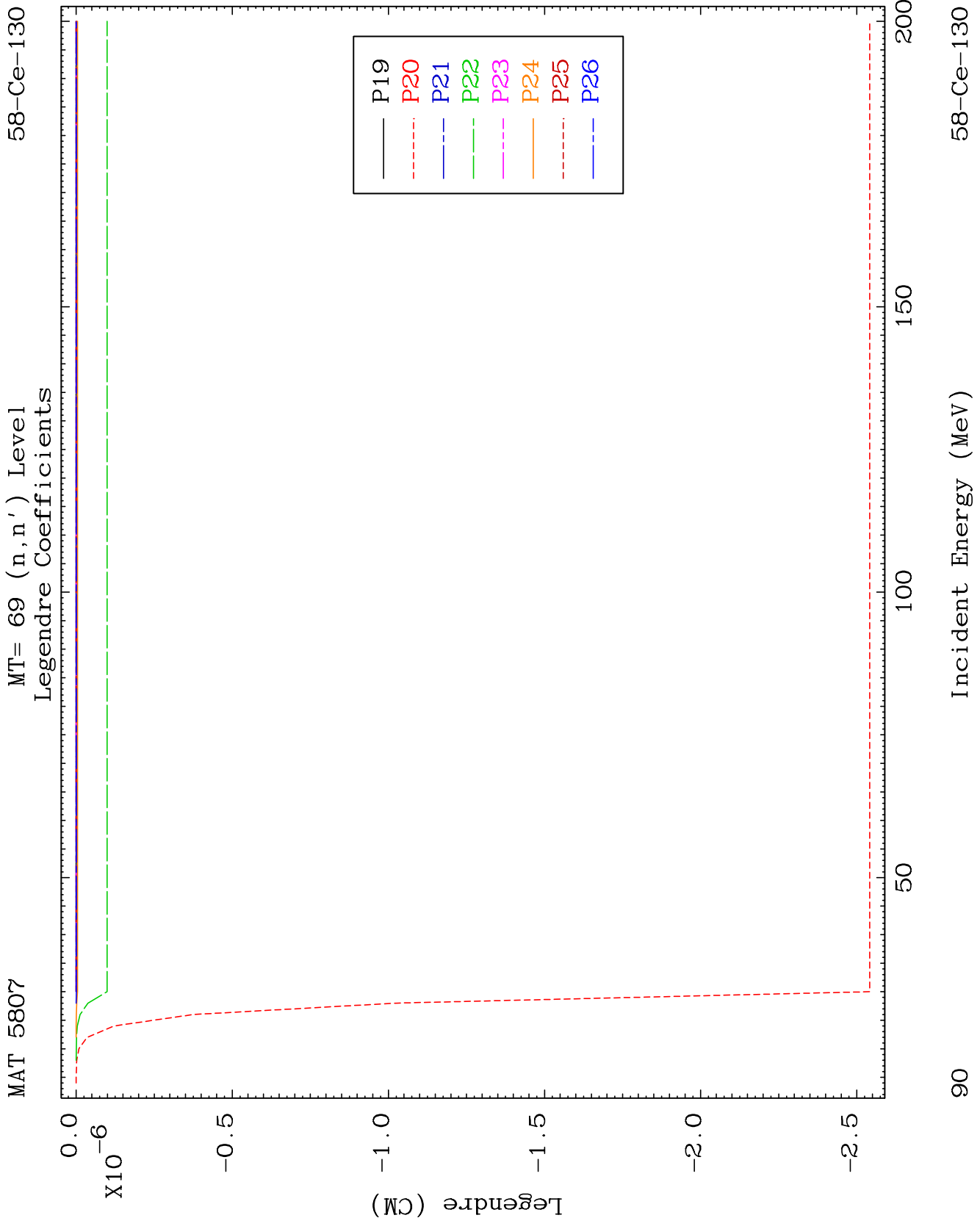


87

58-Ce-130





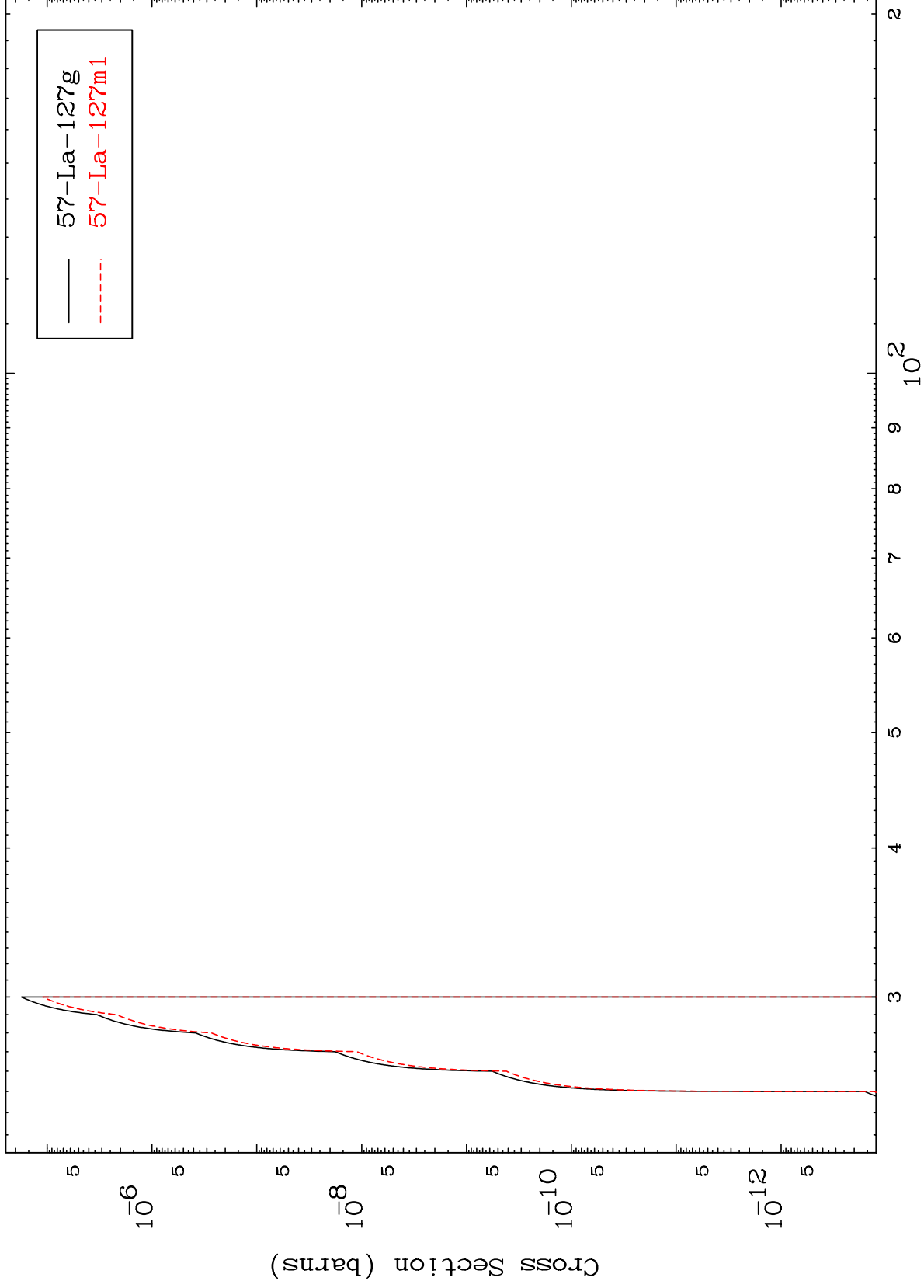


MAT 5807

(n,2n) d

58-Ce-130

Radionuclide Production Cross Section



91

Incident Energy (MeV)

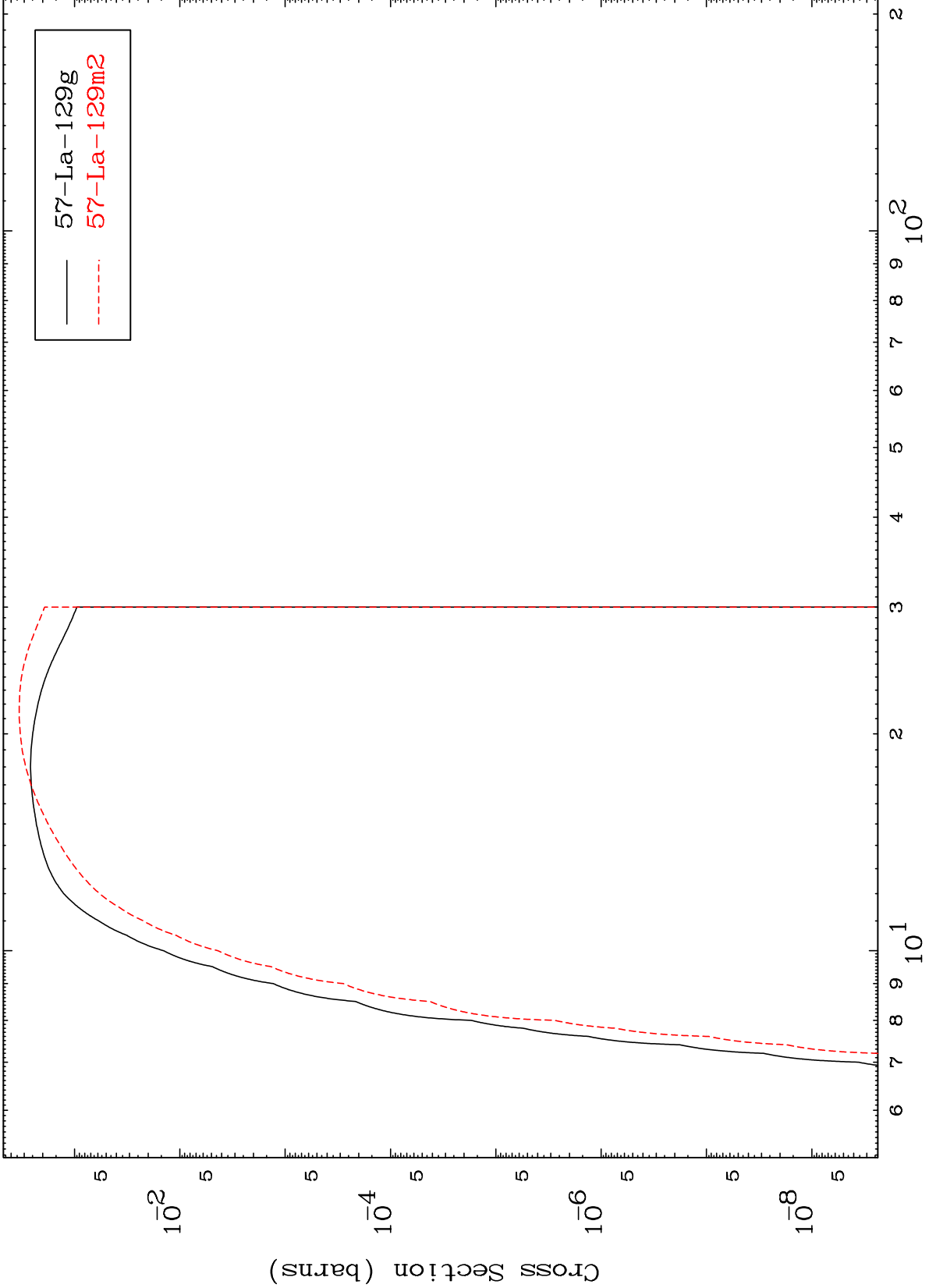
58-Ce-130

MAT 5807

(n,n') p

58-Ce-130

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

92

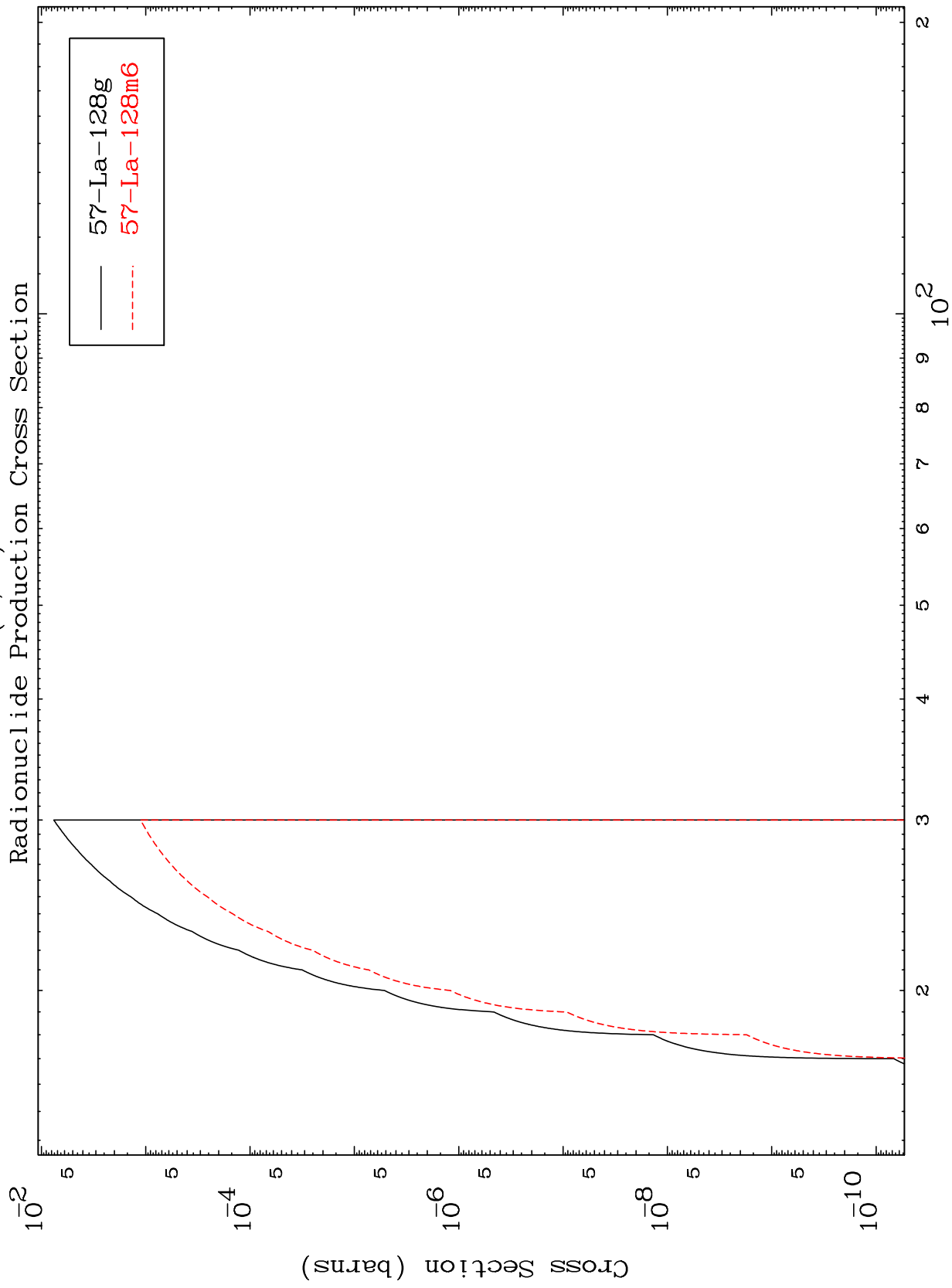
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,n') d

58-Ce-130



93

Incident Energy (MeV)

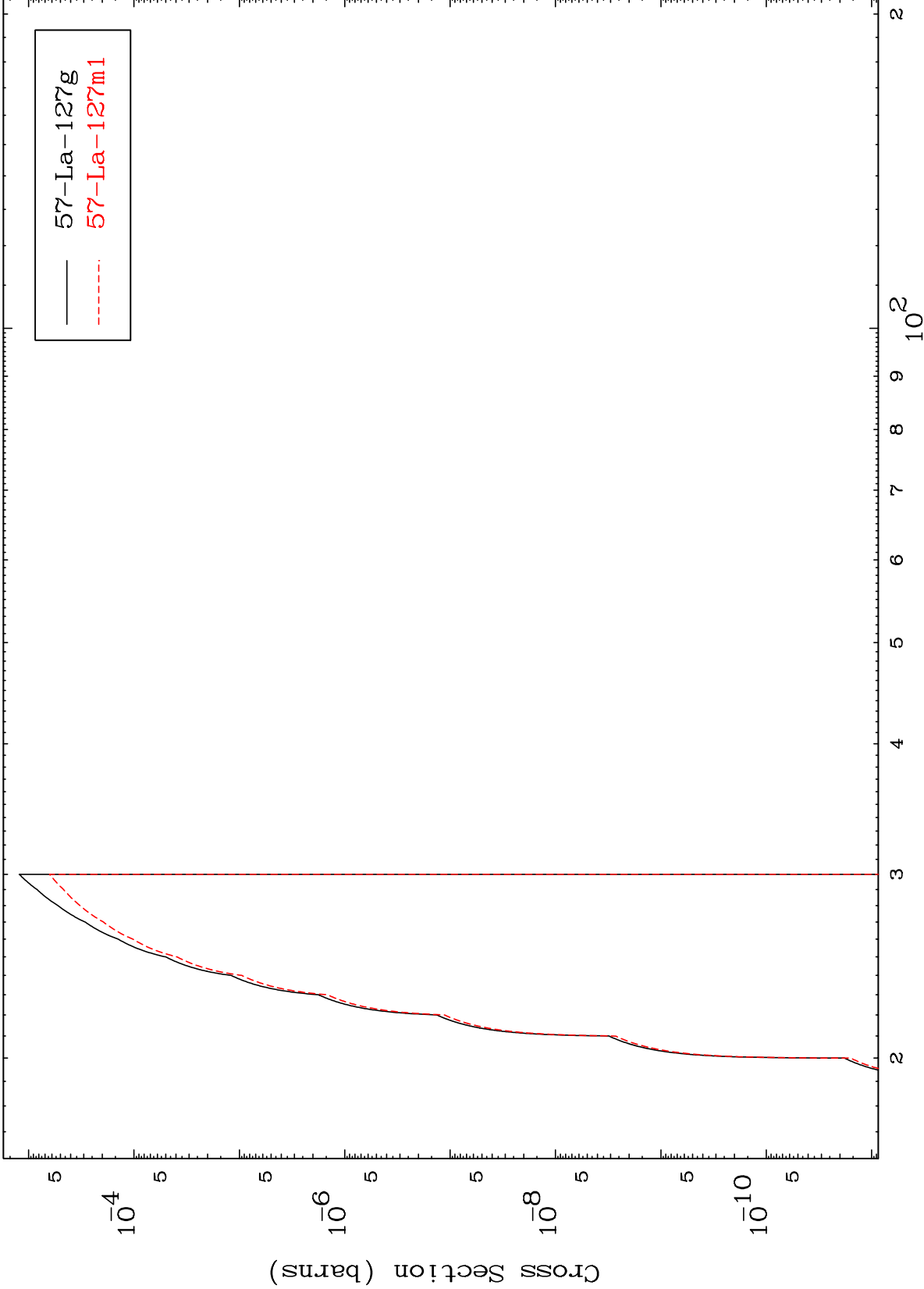
58-Ce-130

MAT 5807

(n,n') t

58-Ce-130

Radionuclide Production Cross Section



94

Incident Energy (MeV)

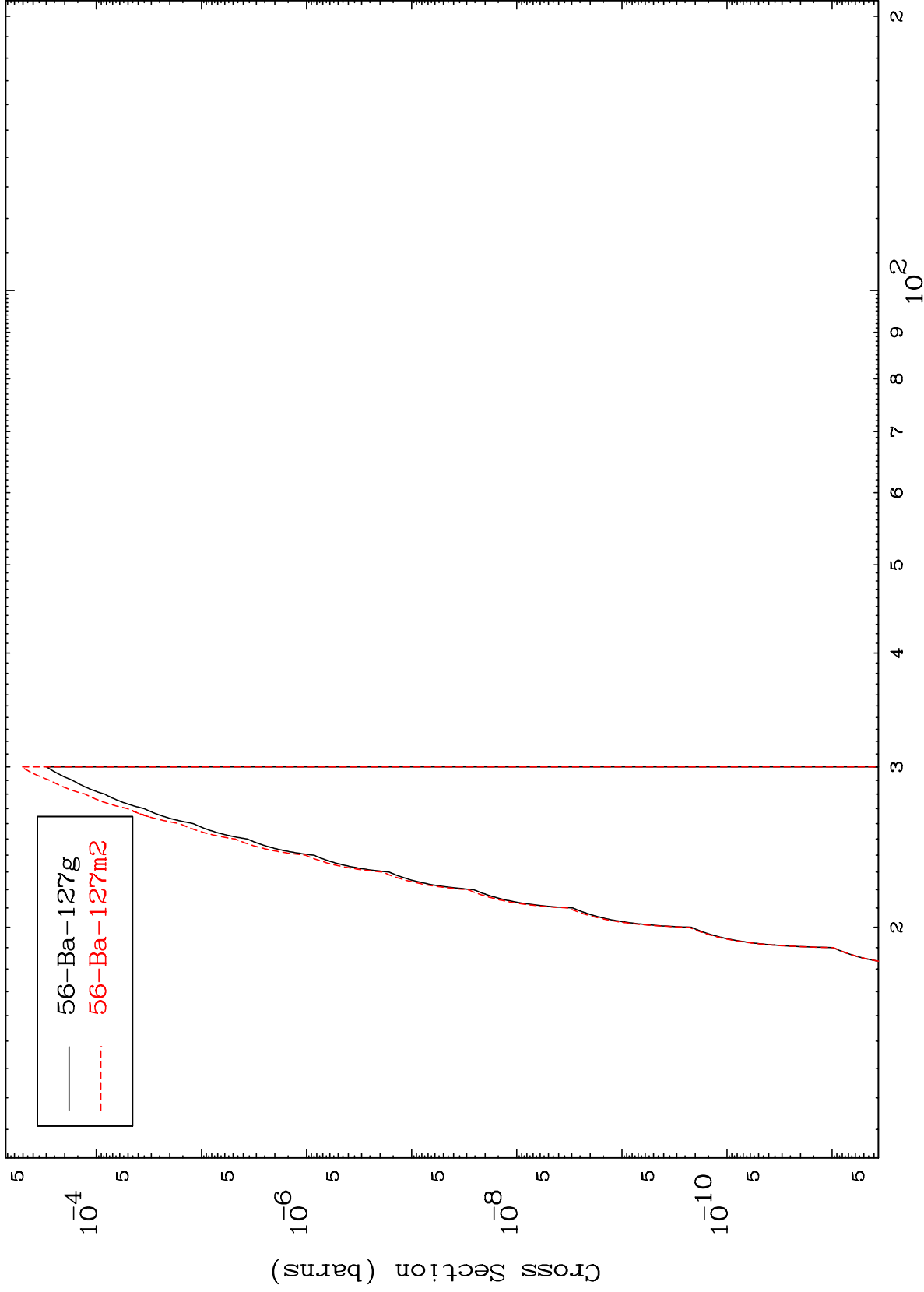
58-Ce-130

MAT 5807

(n,n') He-3

58-Ce-130

Radionuclide Production Cross Section

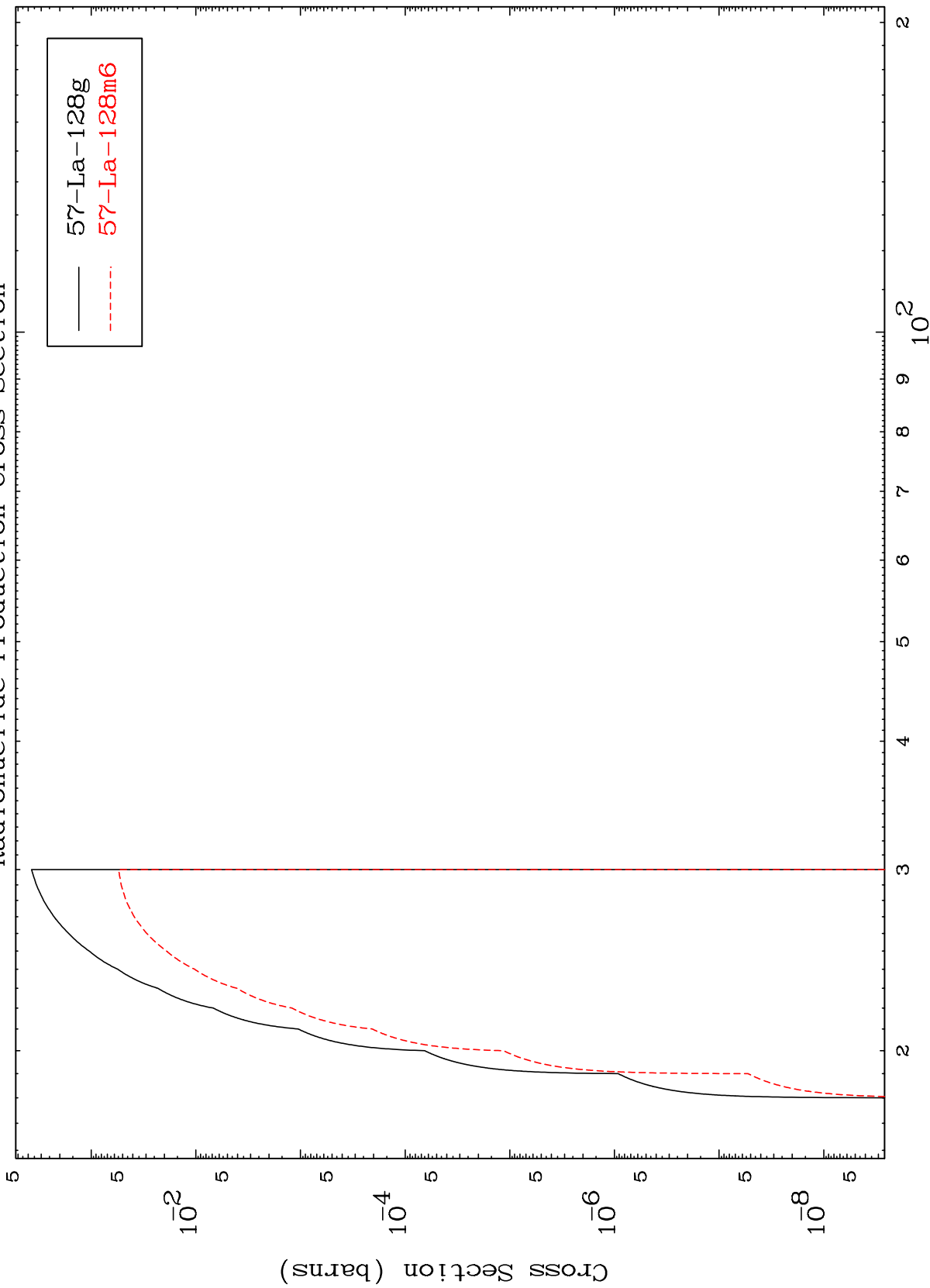


95

Incident Energy (MeV)

58-Ce-130

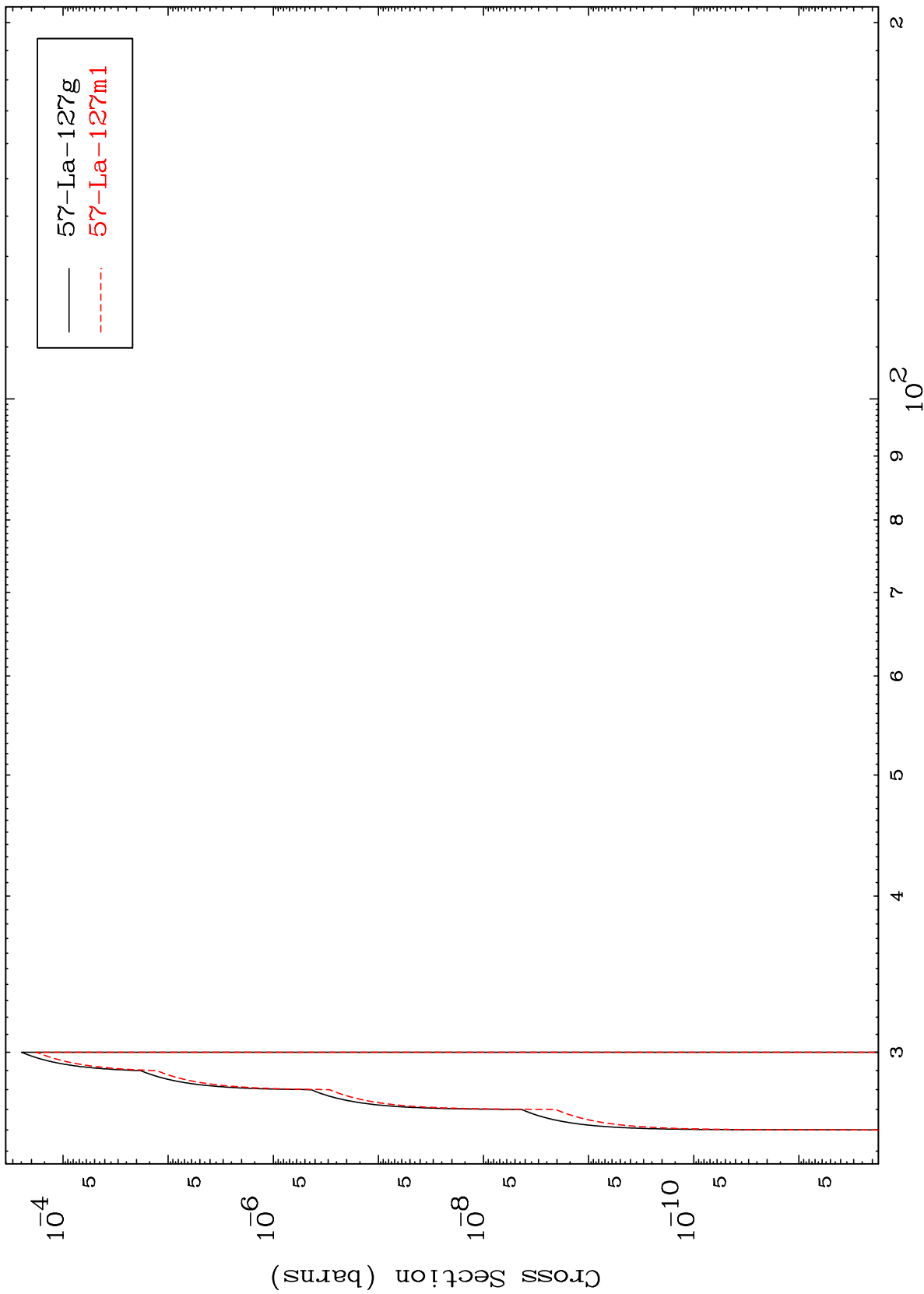
Radionuclide Production Cross Section



MAT 5807

58-Ce-130

(n,3n) p
Radionuclide Production Cross Section



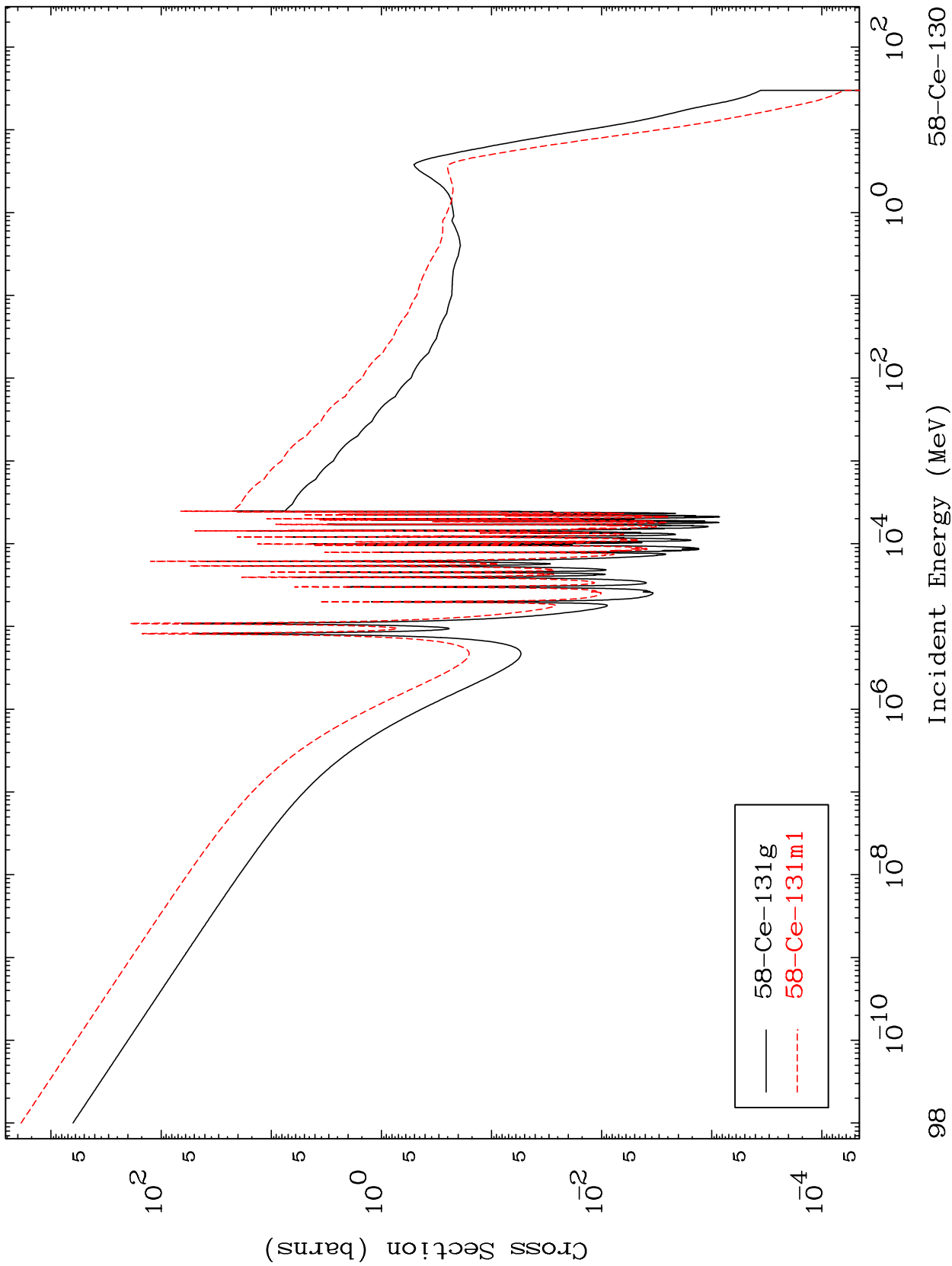
97

58-Ce-130

MAT 5807

58-Ce-130

(n, γ)
Radionuclide Production Cross Section

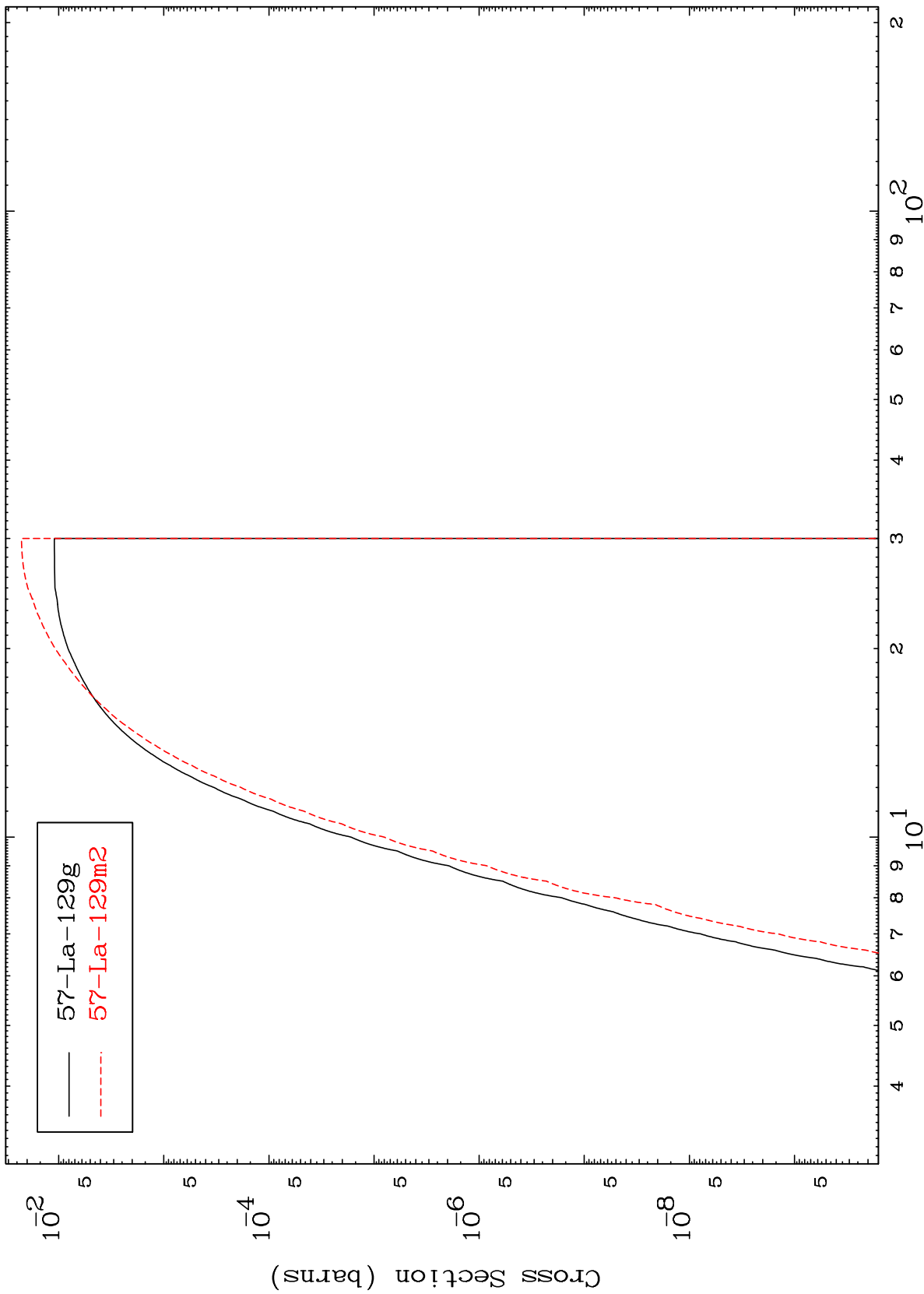


98

MAT 5807

58-Ce-130

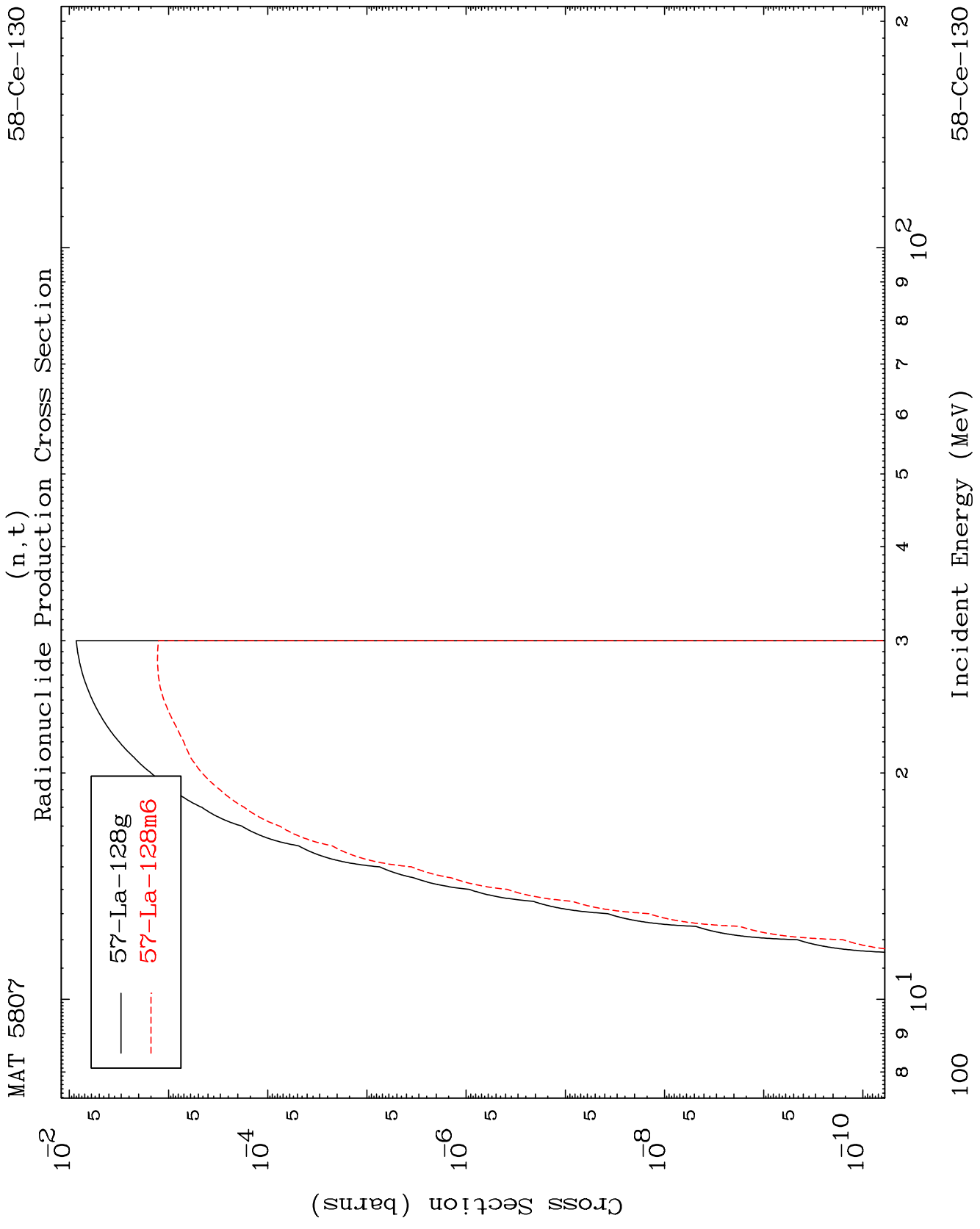
(n,d)
Radionuclide Production Cross Section



99

58-Ce-130

Incident Energy (MeV)

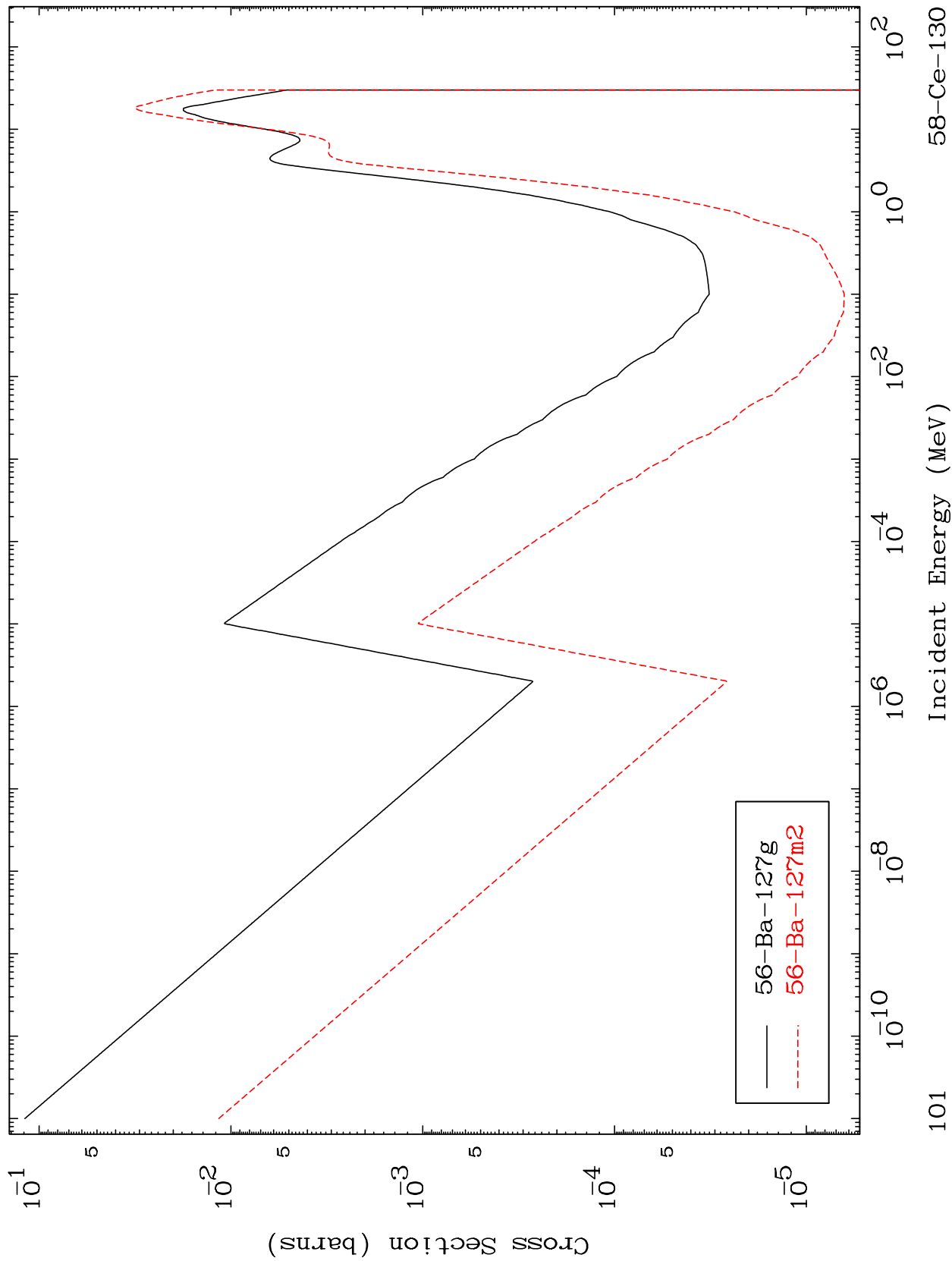


MAT 5807

(n, α)

58-Ce-130

Radionuclide Production Cross Section

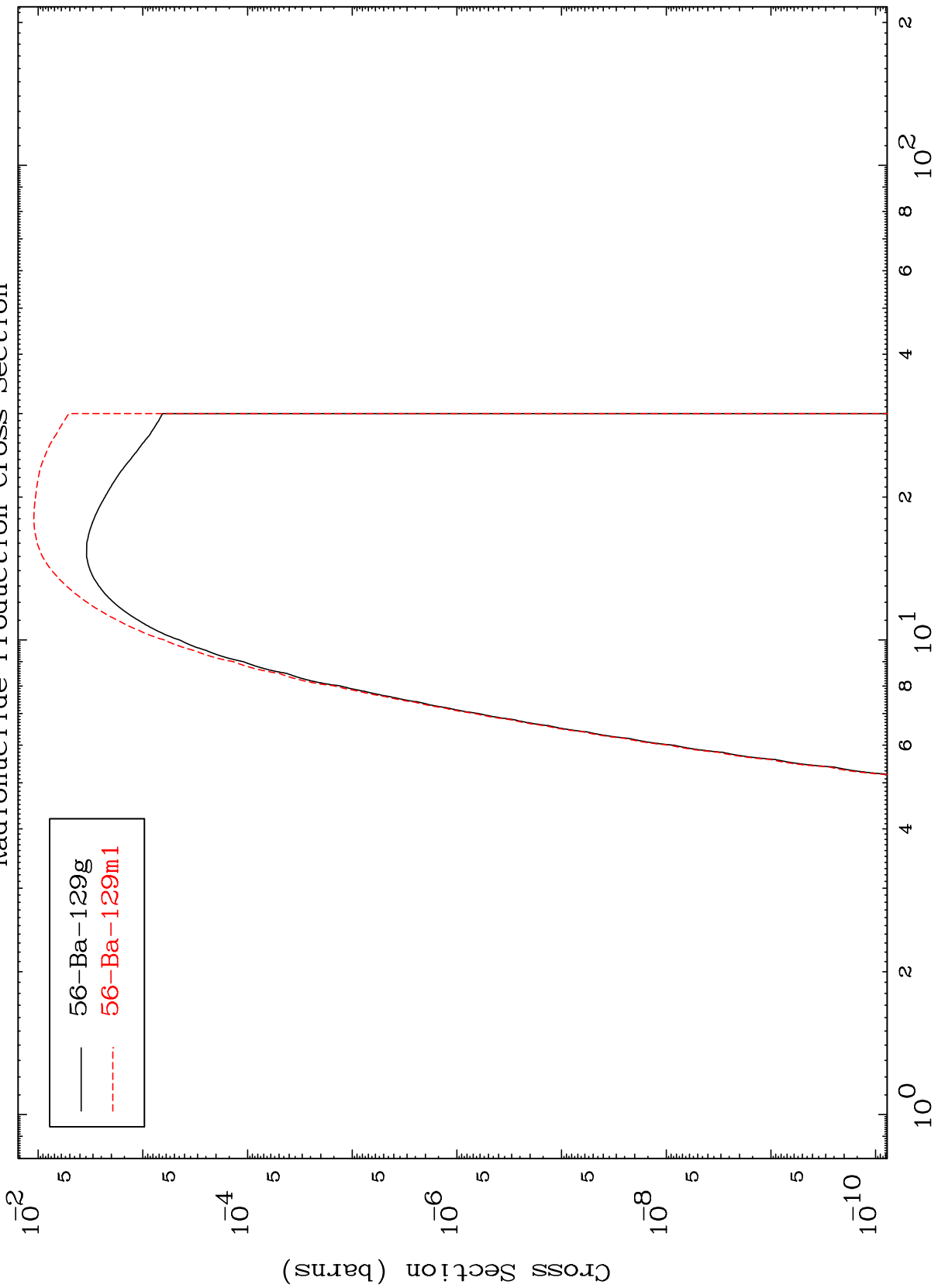


101

MAT 5807

58-Ce-130

(n,2p)
Radionuclide Production Cross Section



58-Ce-130

Incident Energy (MeV)

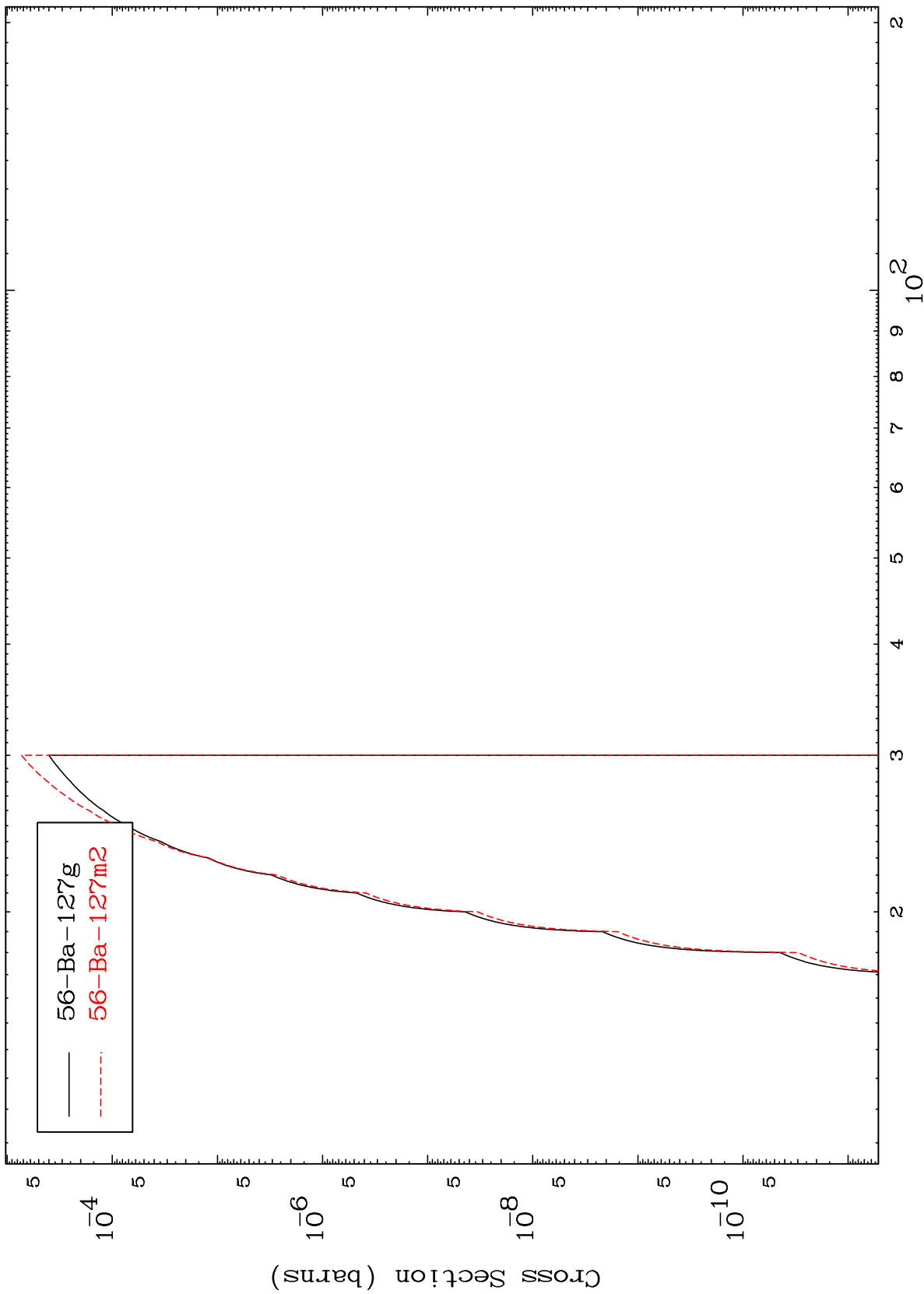
102

MAT 5807

(n,p) t

58-Ce-130

Radionuclide Production Cross Section



103

Incident Energy (MeV)

58-Ce-130