

Program EVALPLOT
(Version 2021-1)

by

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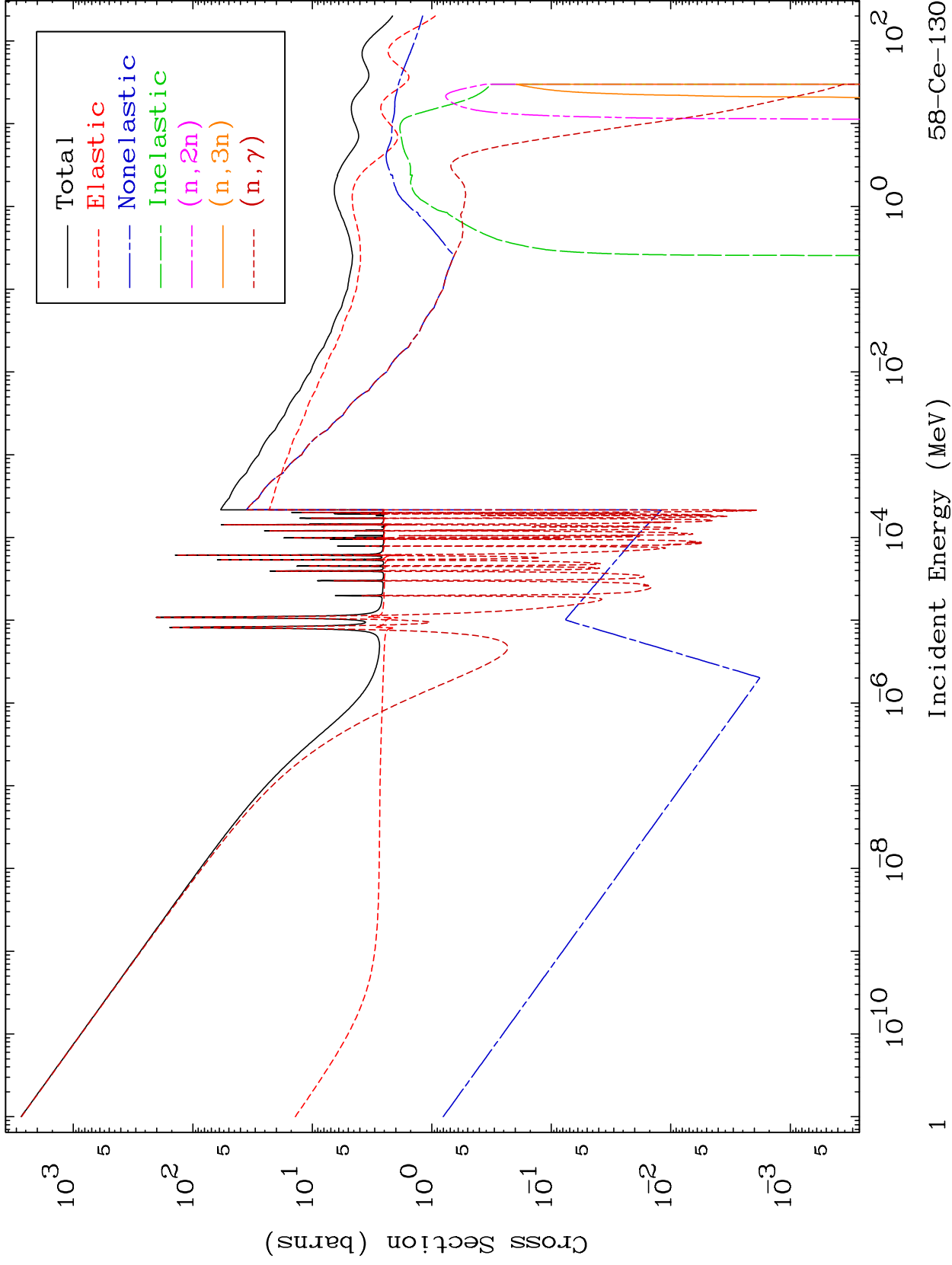
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Press Mouse Button to Start

MAT 5807

Neutron Major
293 Kelvin Cross Sections

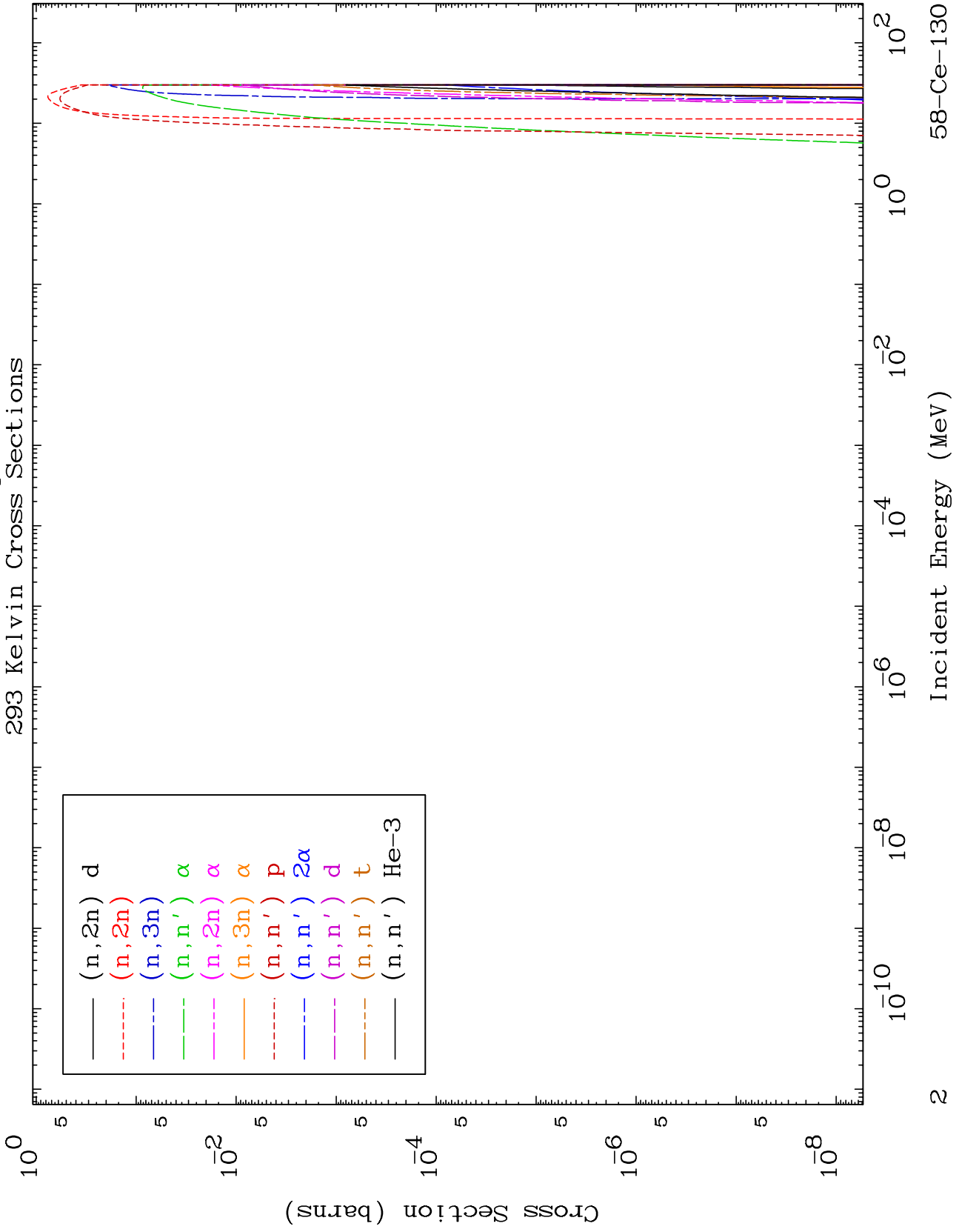
58-Ce-130

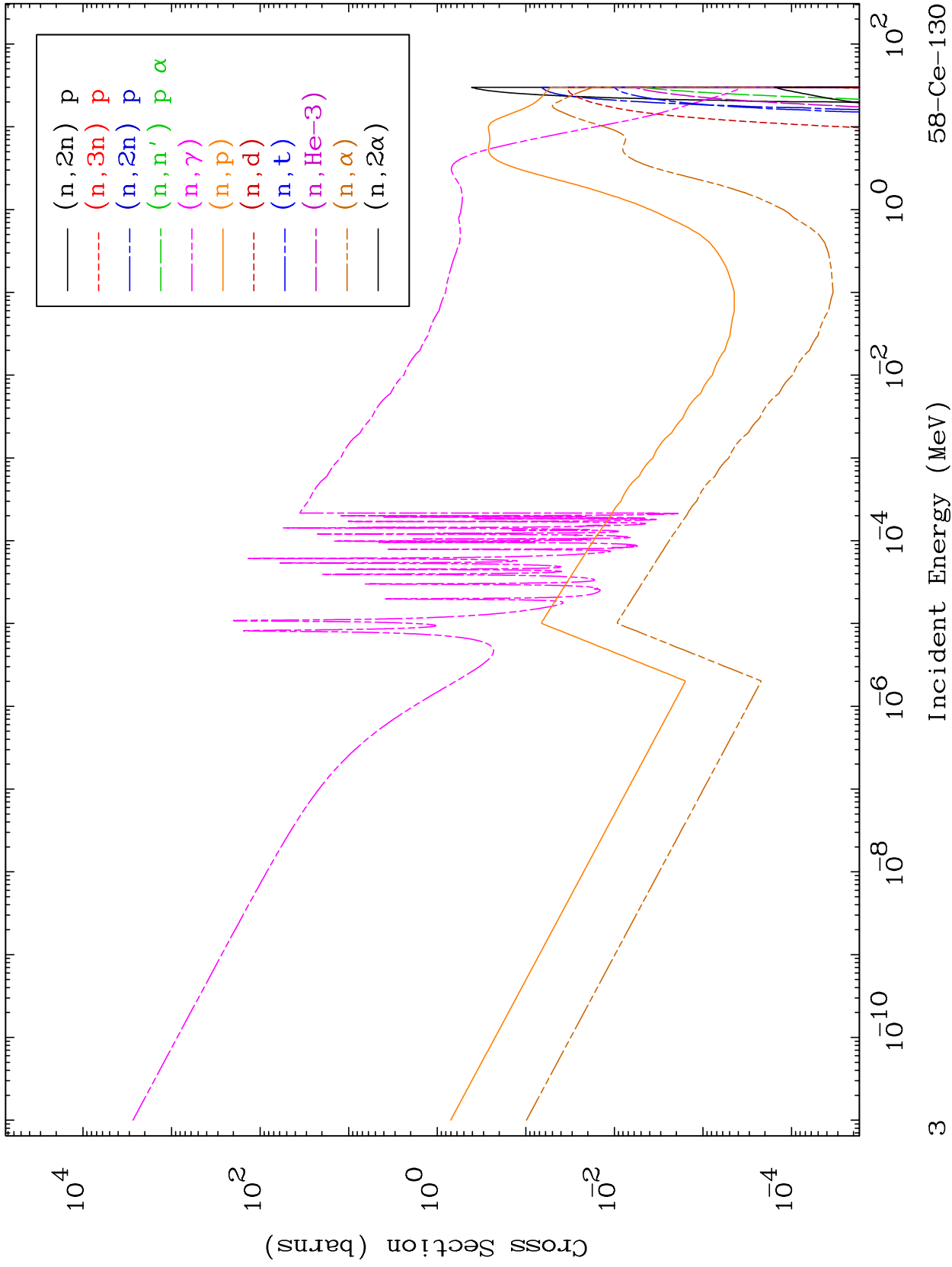


MAT 5807

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-130

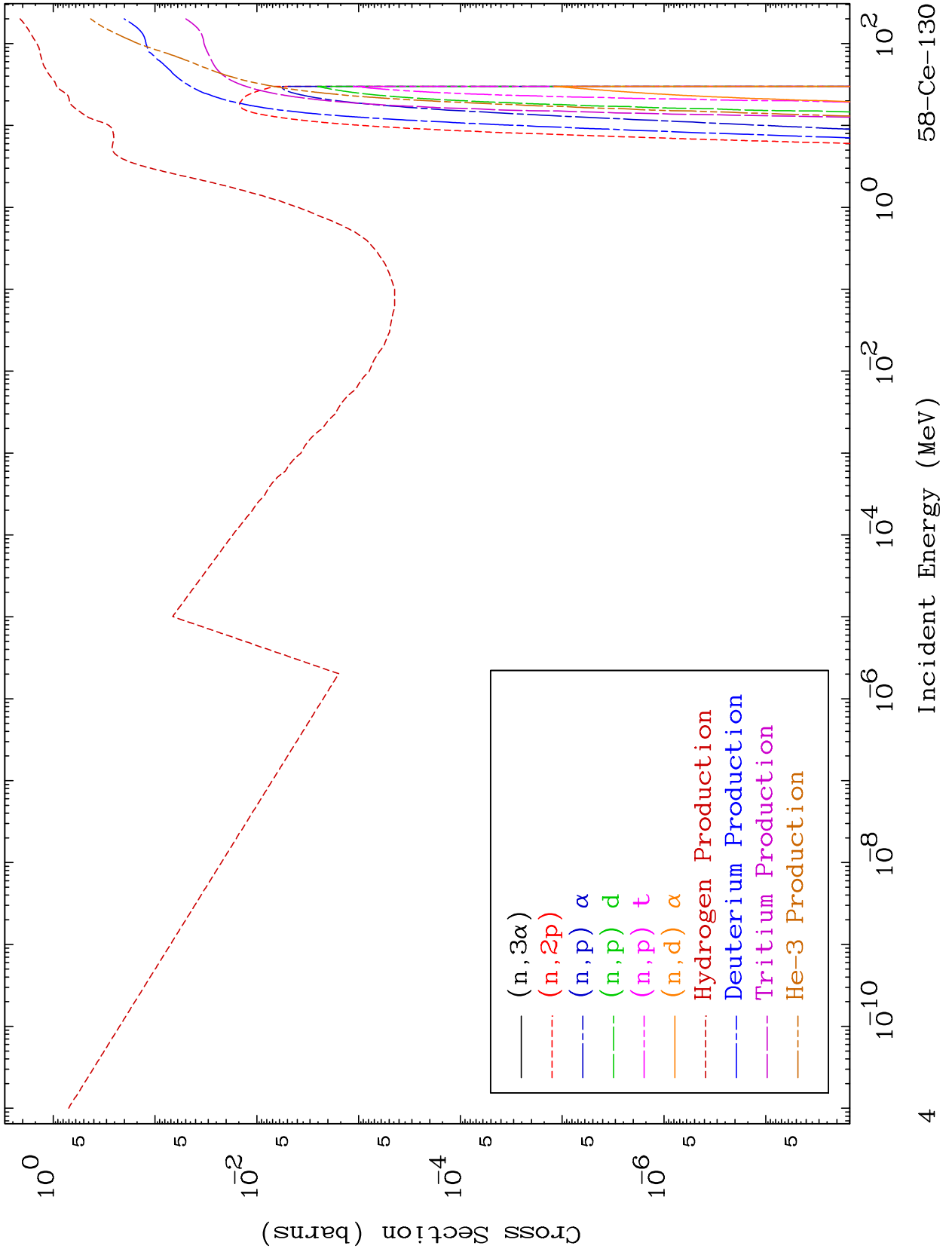




MAT 5807

Neutron Absorption
293 Kelvin Cross Sections

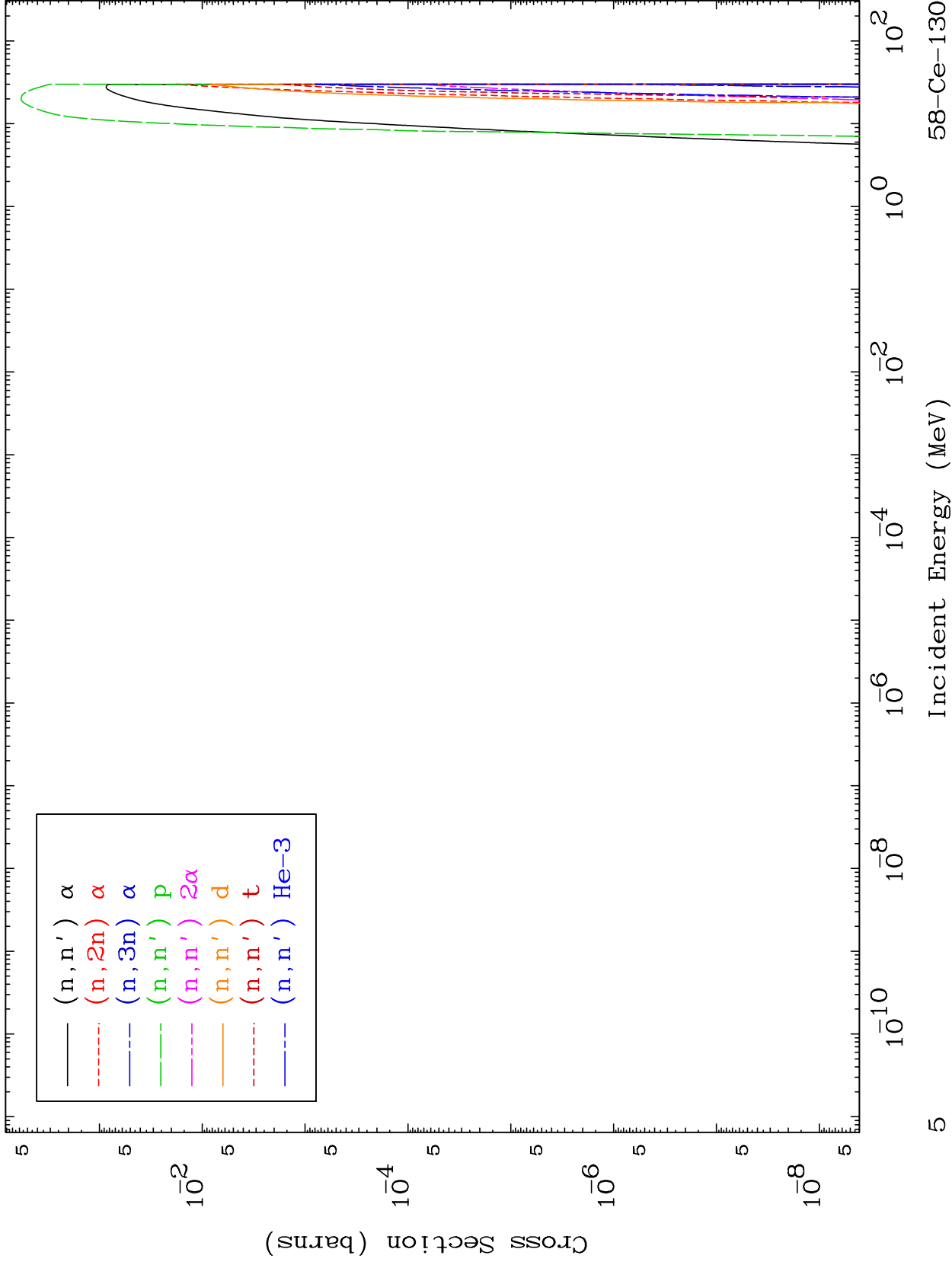
58-Ce-130



MAT 5807

Charged Particle
293 Kelvin Cross Sections

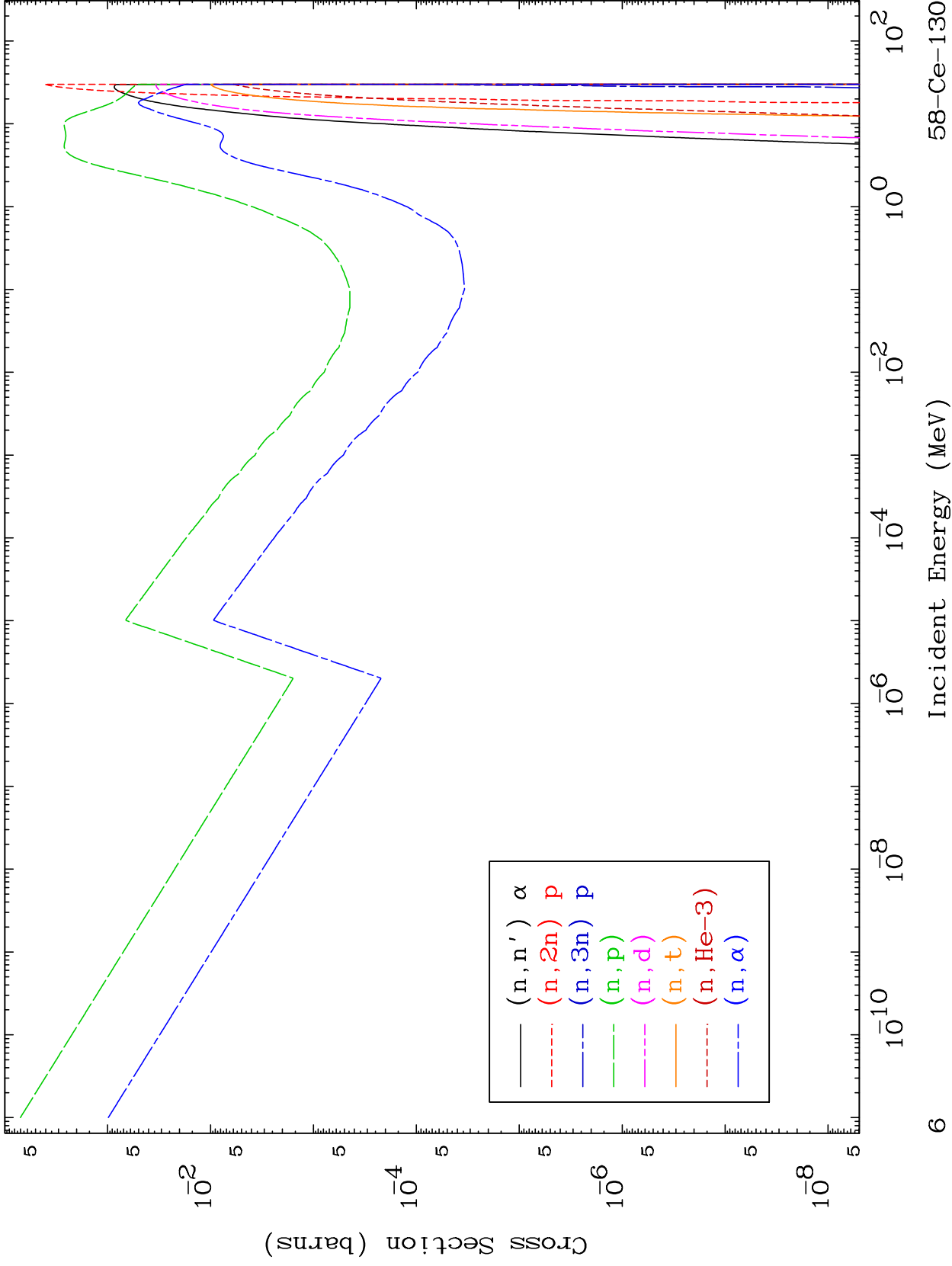
58-Ce-130



MAT 5807

Charged Particle
293 Kelvin Cross Sections

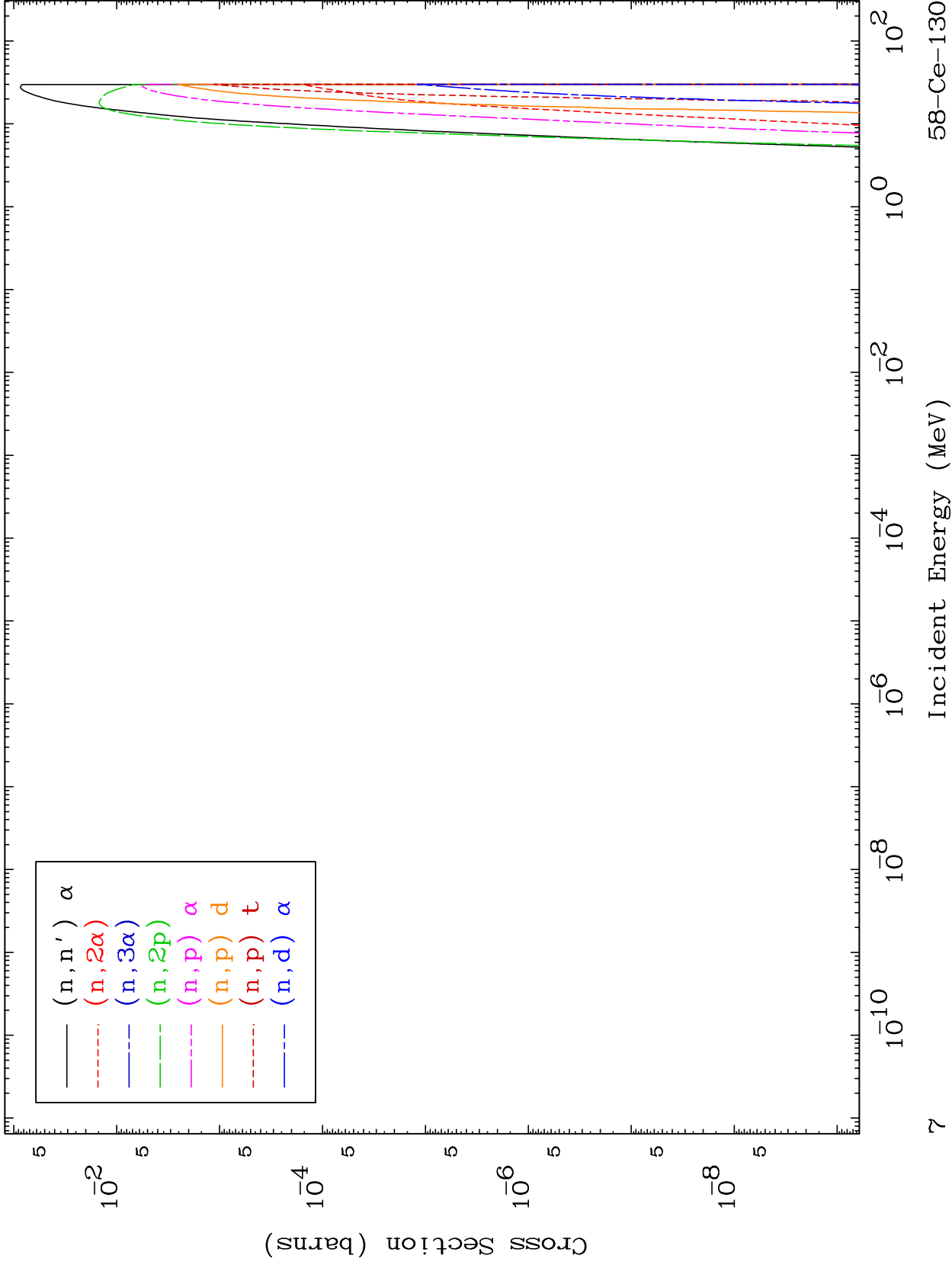
58-Ce-130

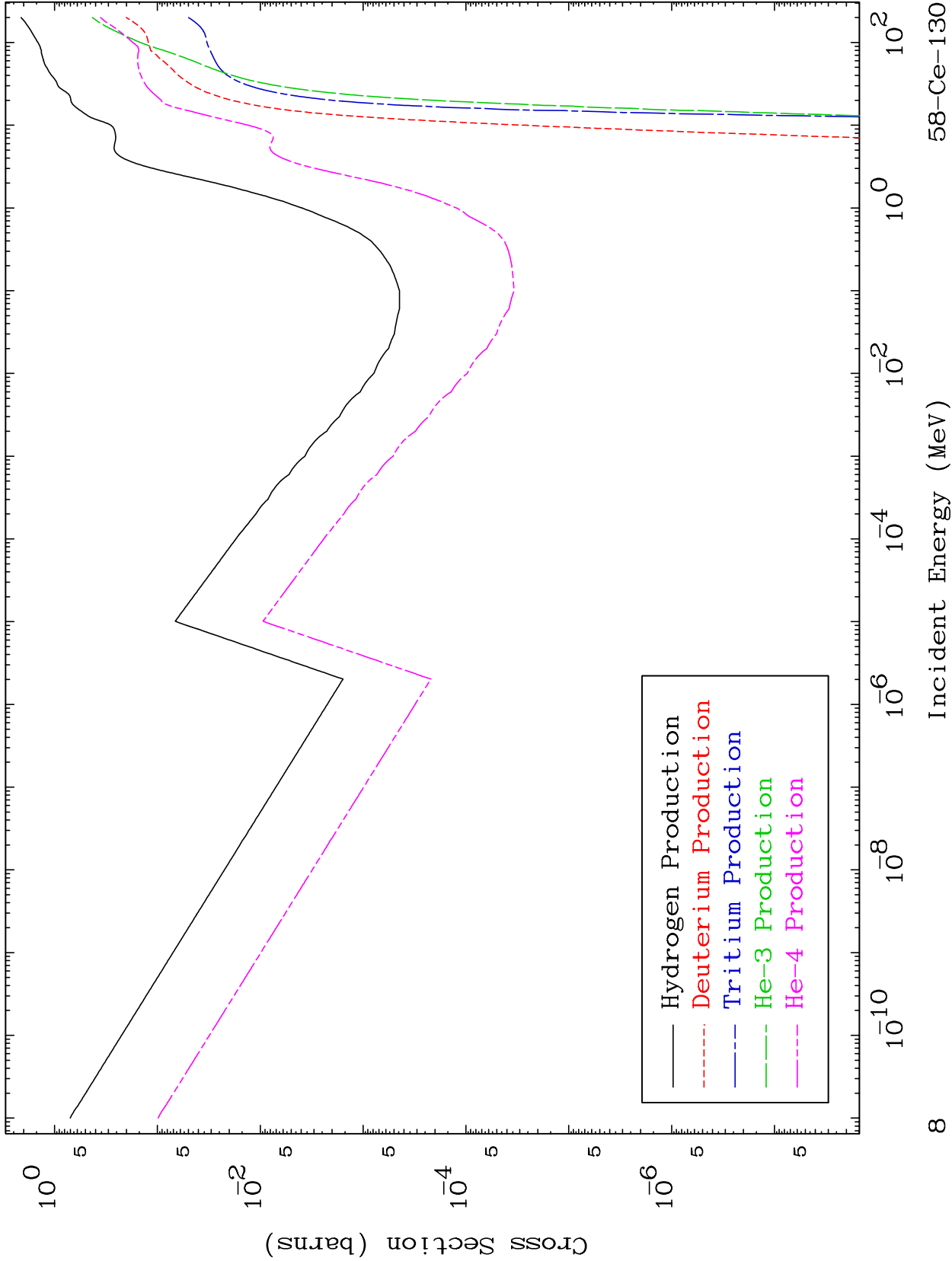


MAT 5807

Charged Particle
293 Kelvin Cross Sections

58-Ce-130



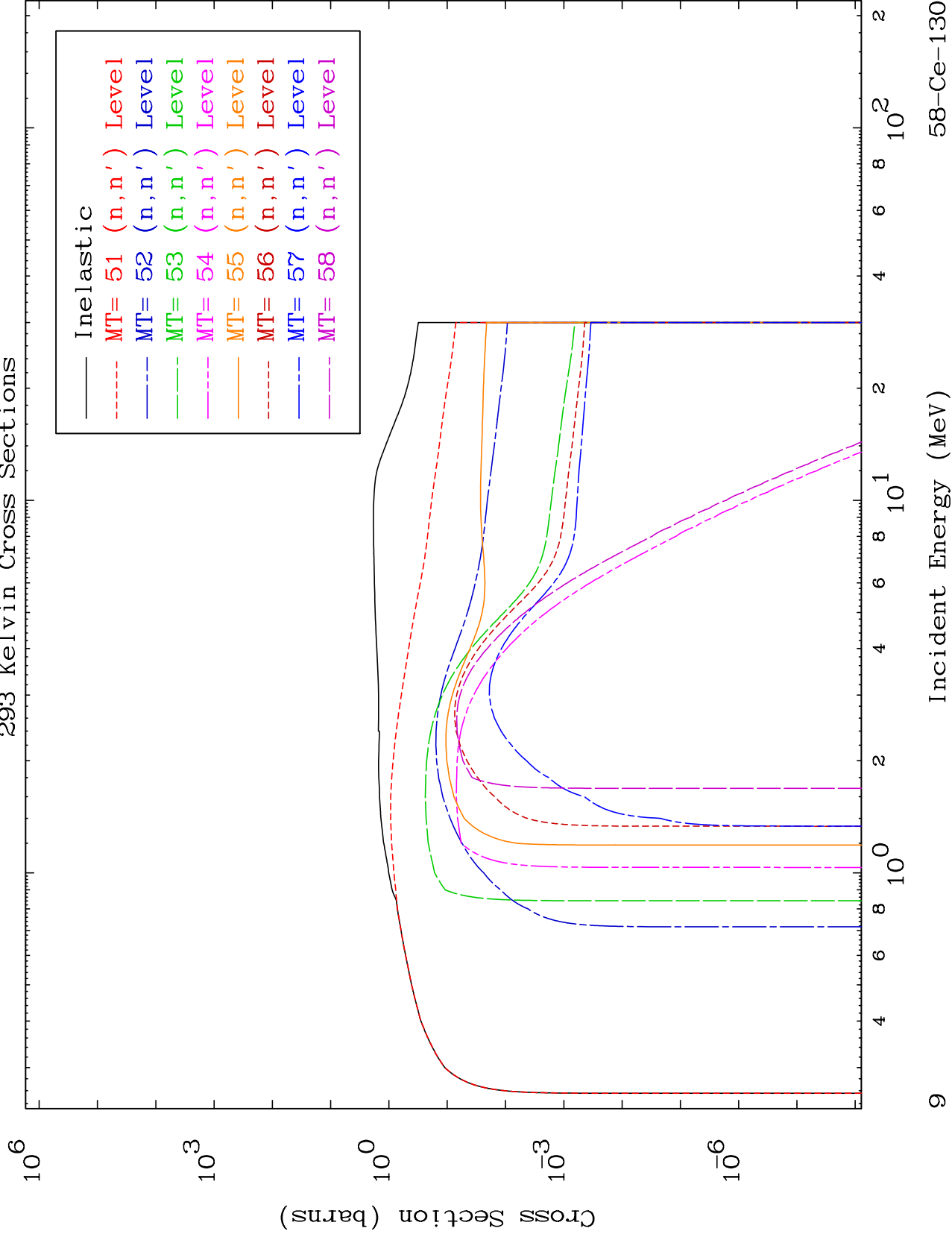


MAT 5807

(n,n') Levels

58-Ce-130

293 Kelvin Cross Sections

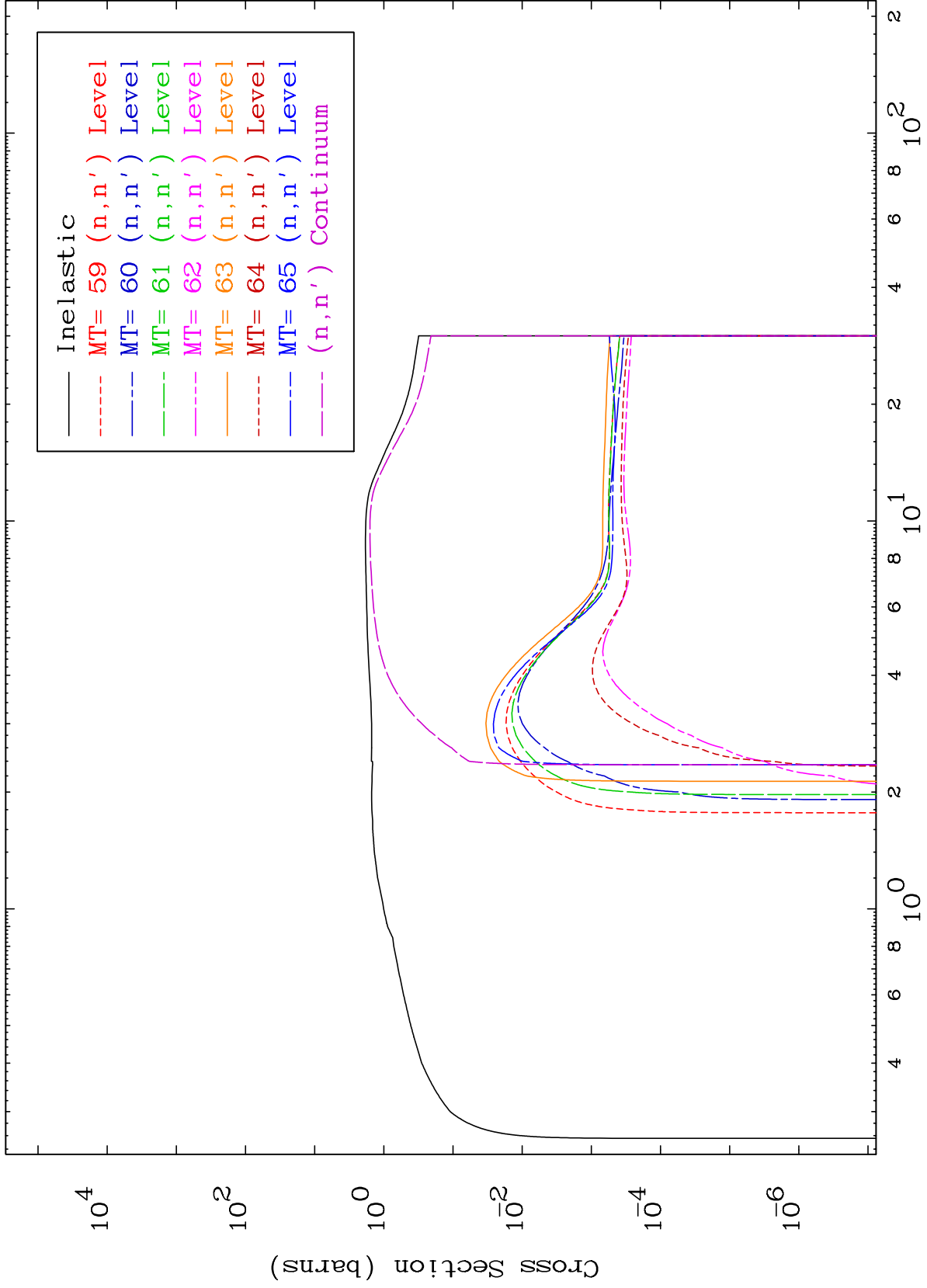


MAT 5807

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-130



10

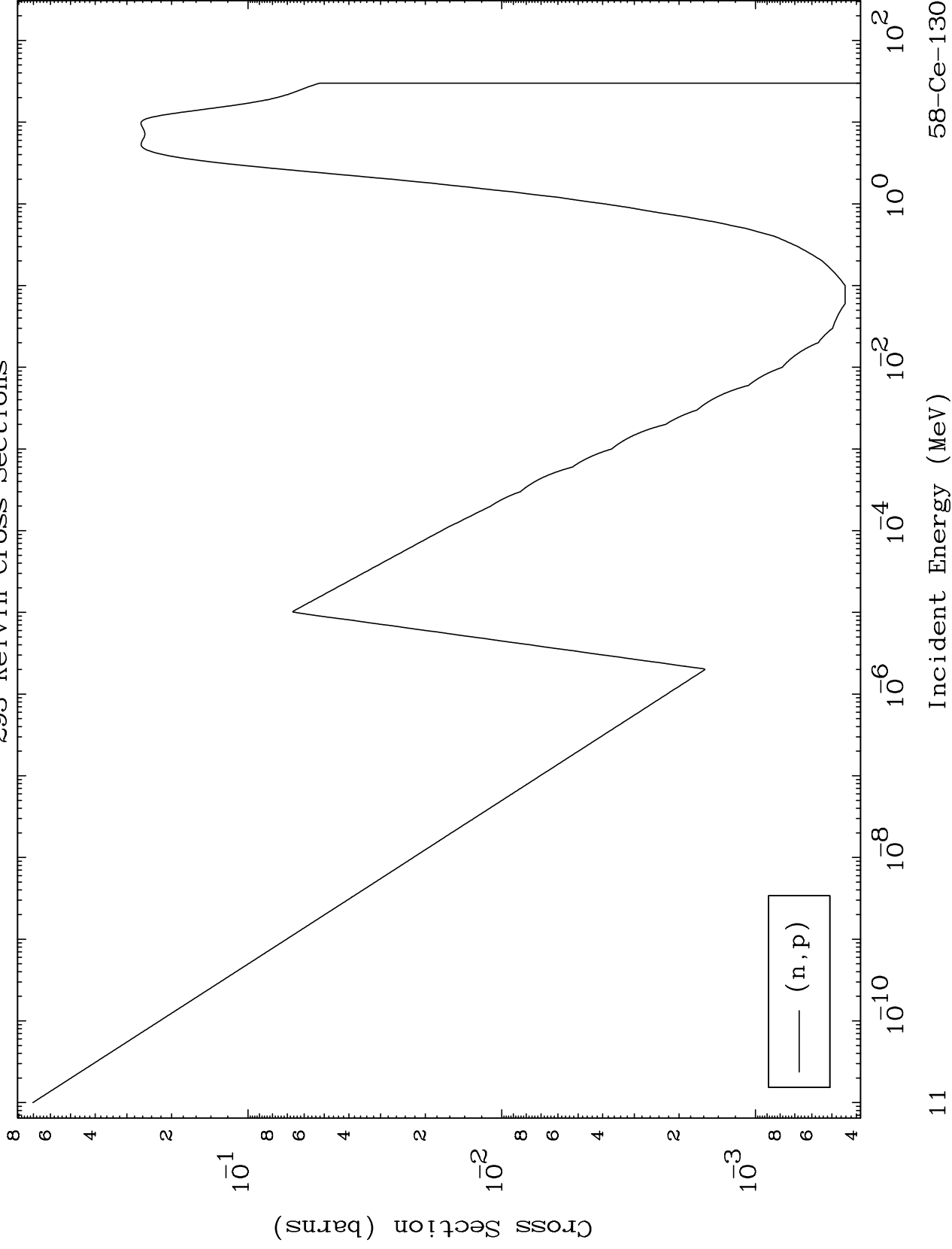
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,p) Levels
293 Kelvin Cross Sections

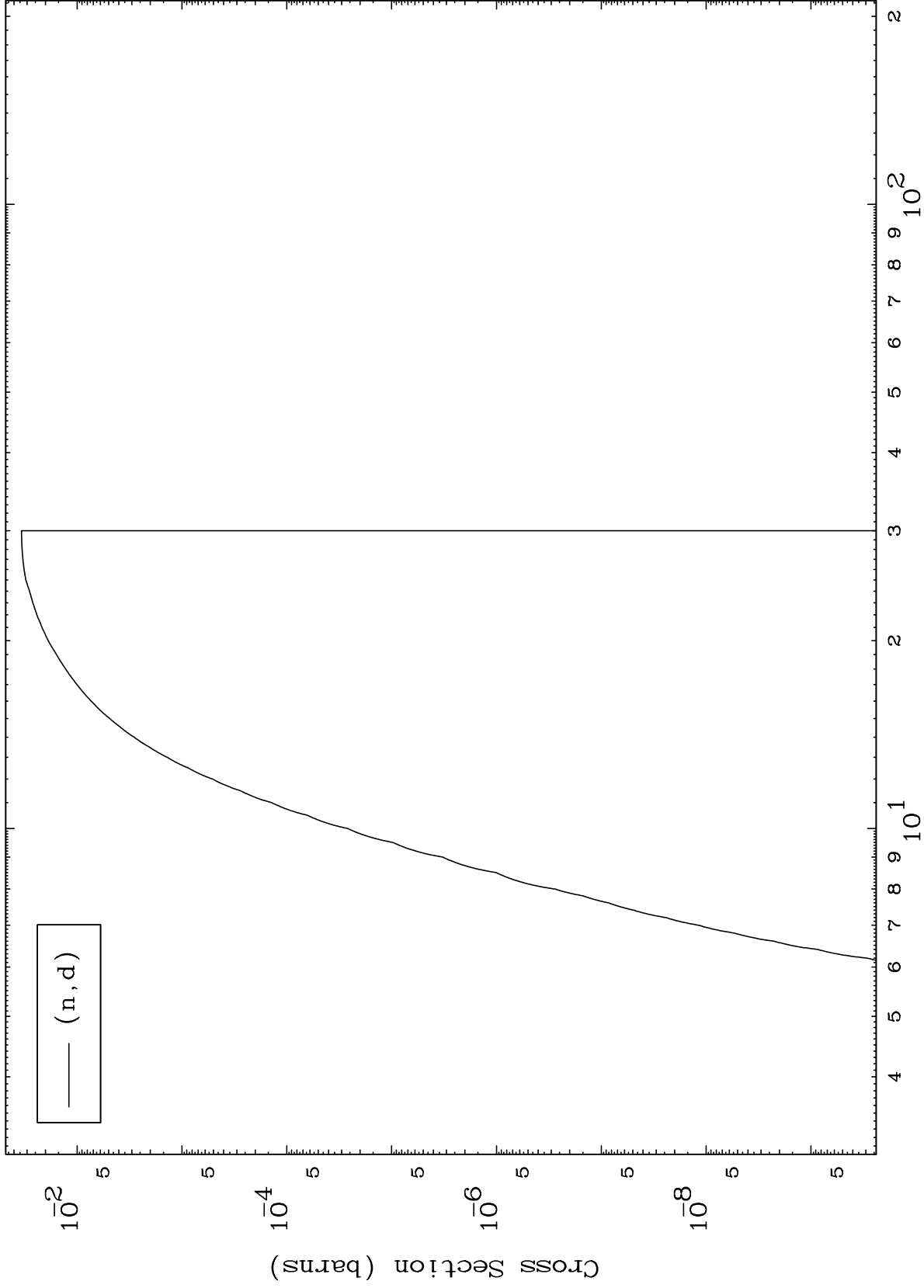
58-Ce-130



MAT 5807

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-130



12

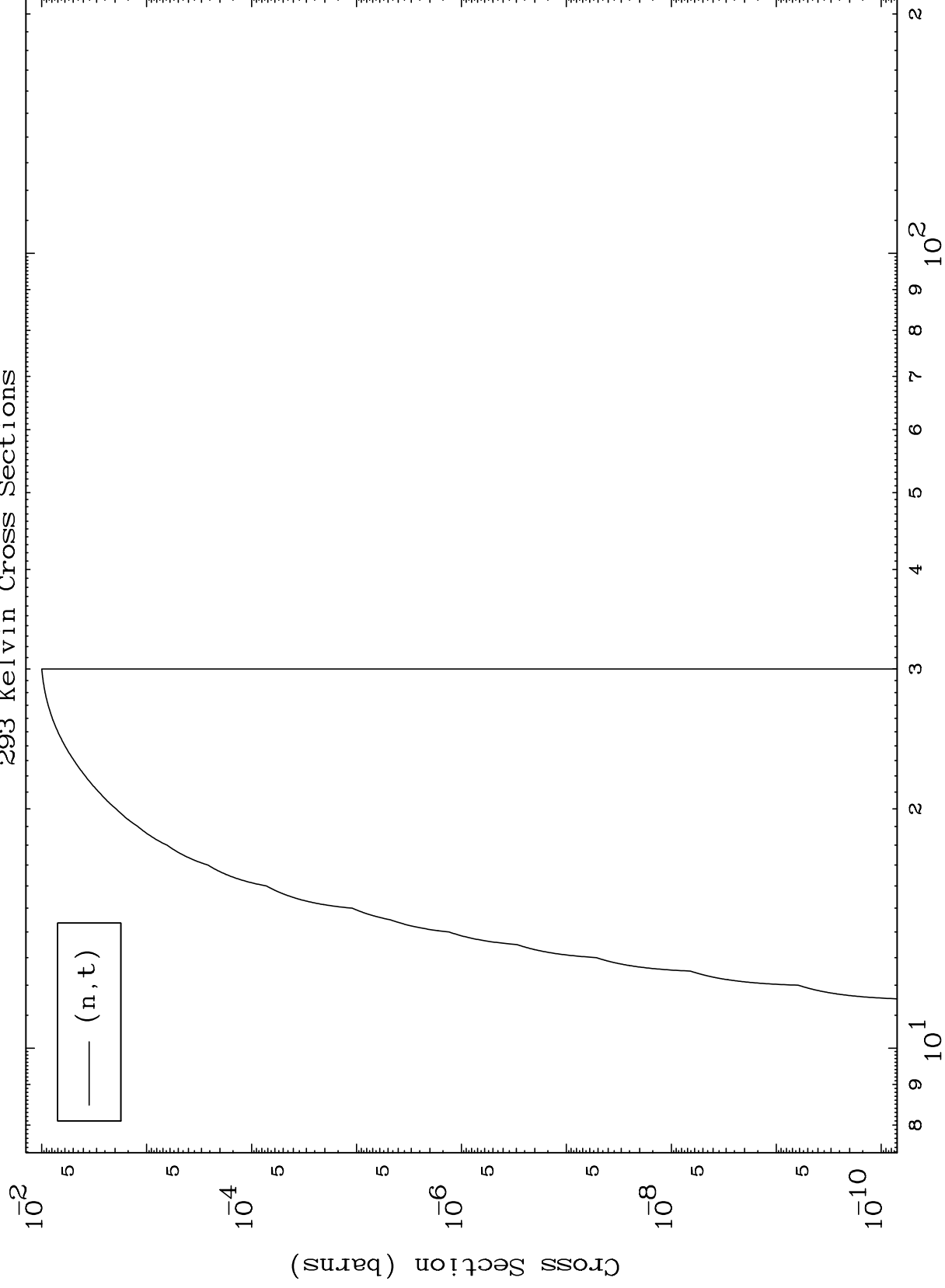
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-130



Incident Energy (MeV)

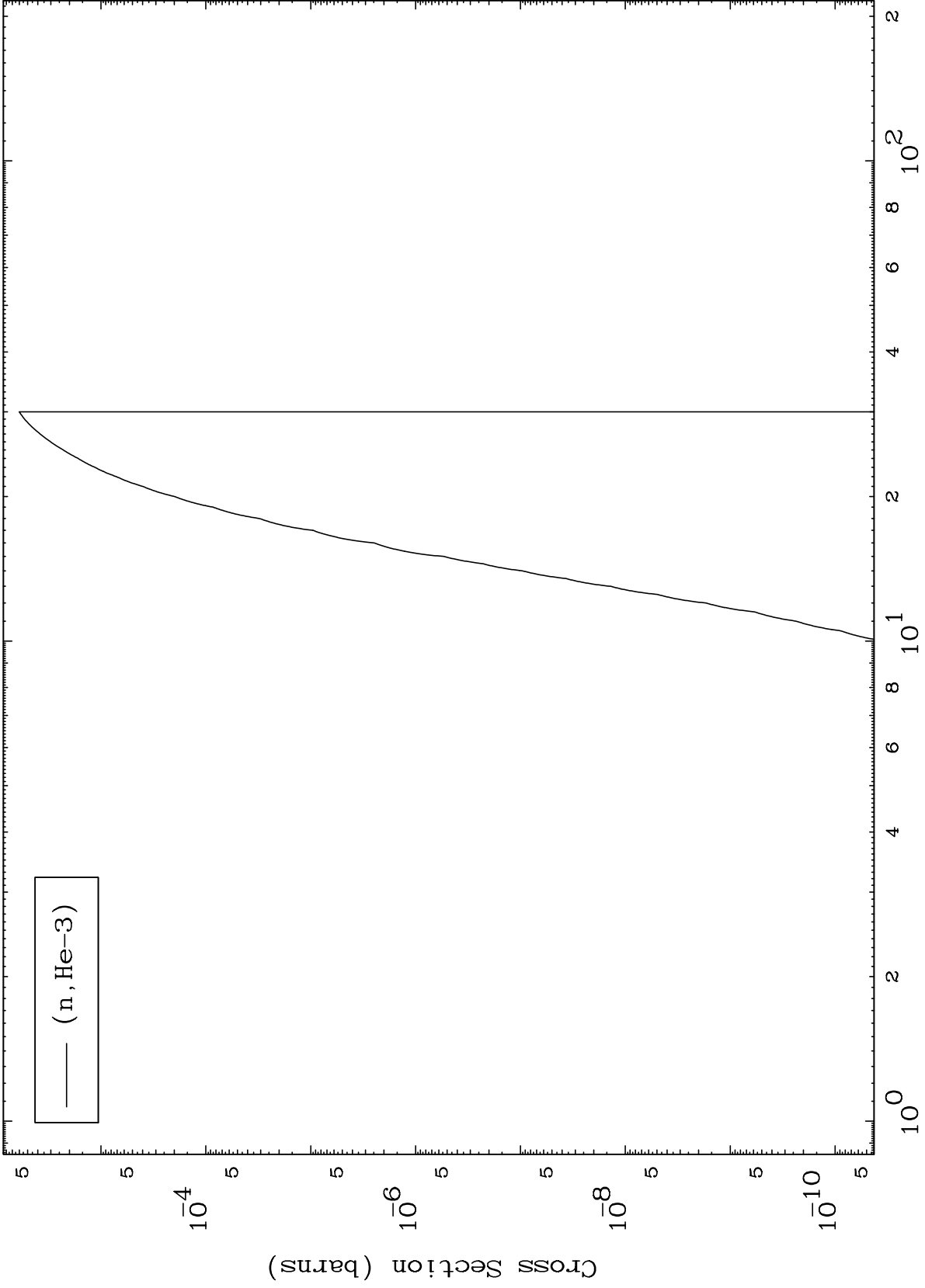
58-Ce-130

13

MAT 5807

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-130



14

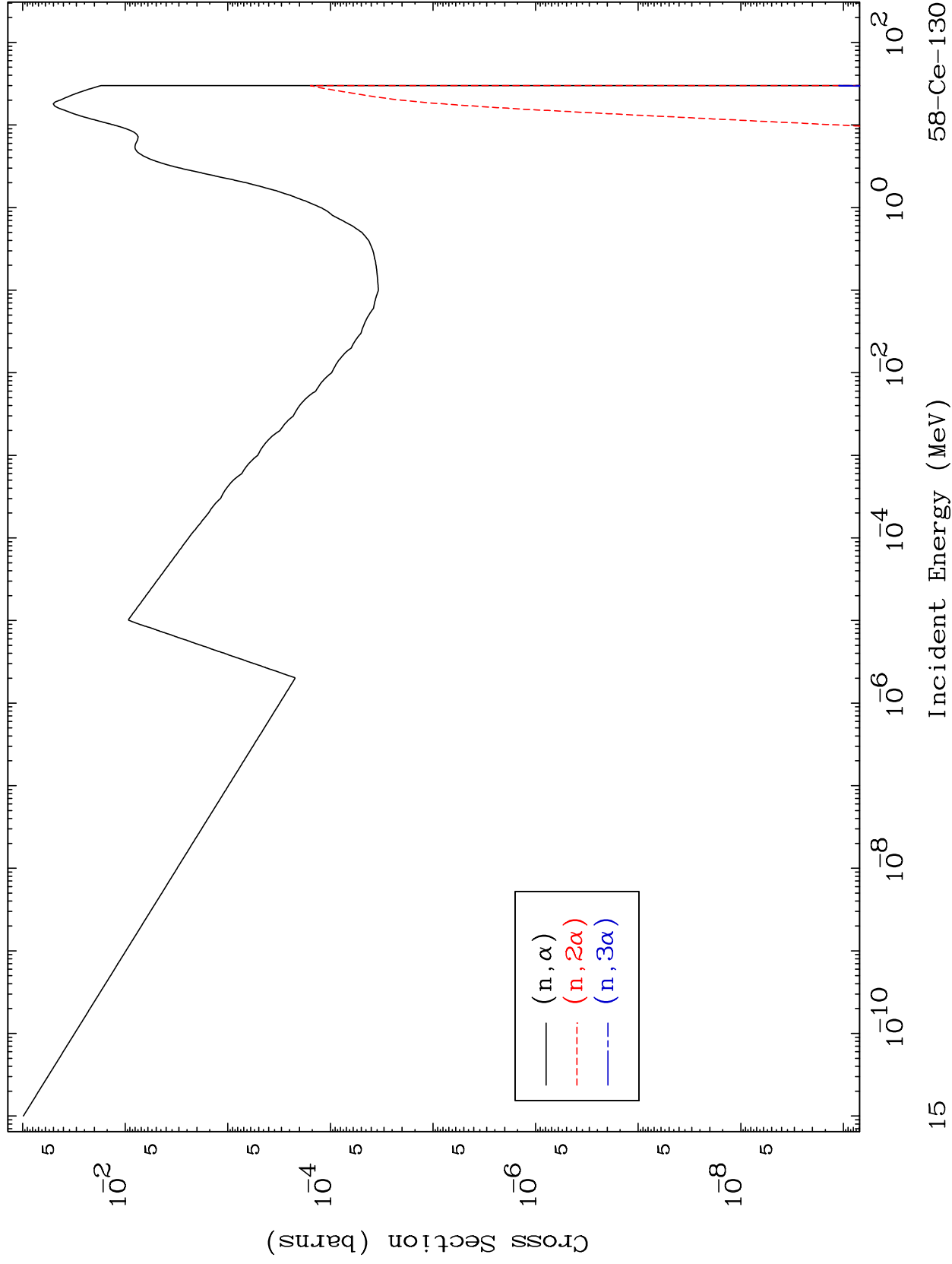
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,α) Levels
293 Kelvin Cross Sections

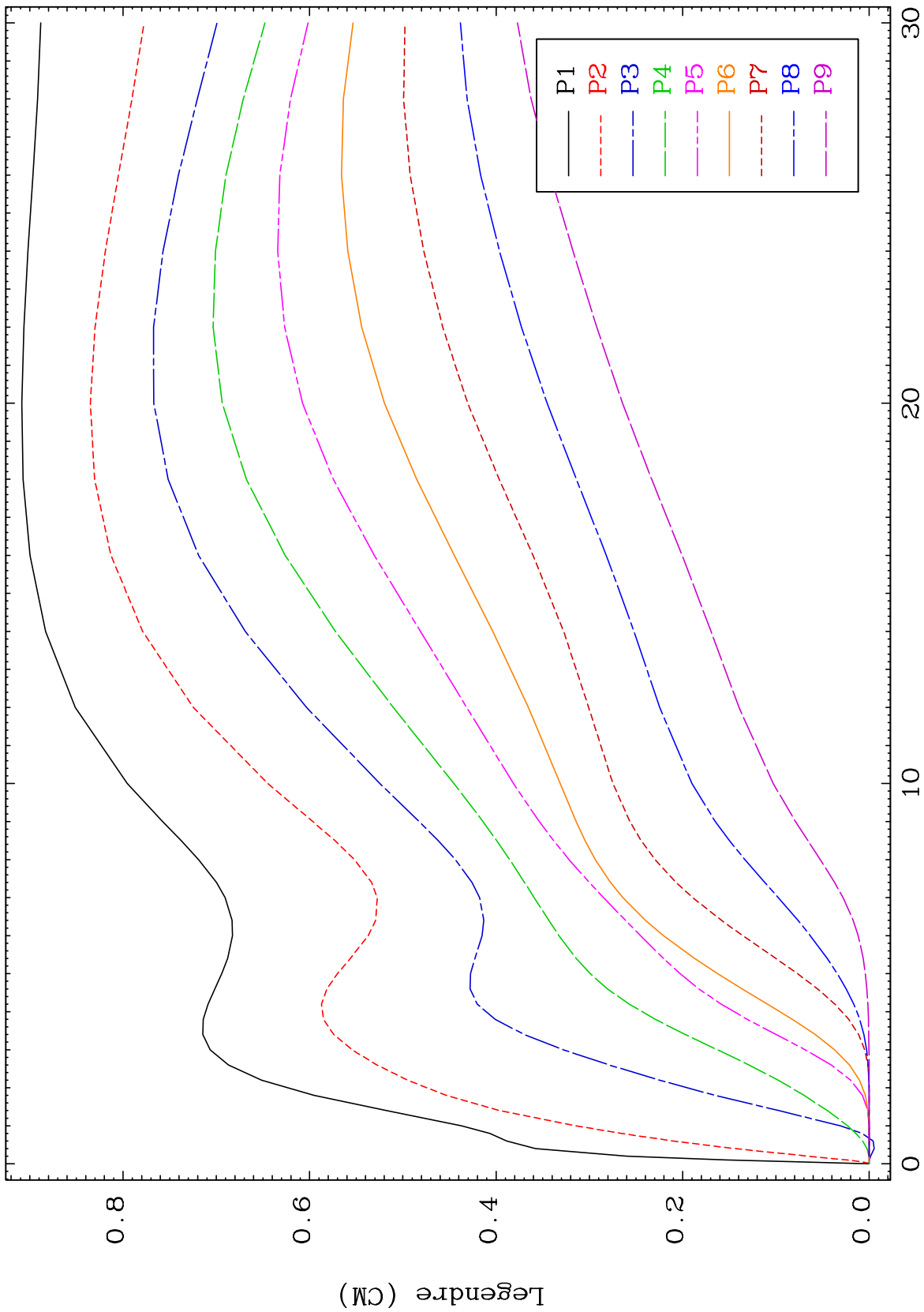
58-Ce-130



MAT 5807

Elastic Legendre Coefficients

58-Ce-130



16

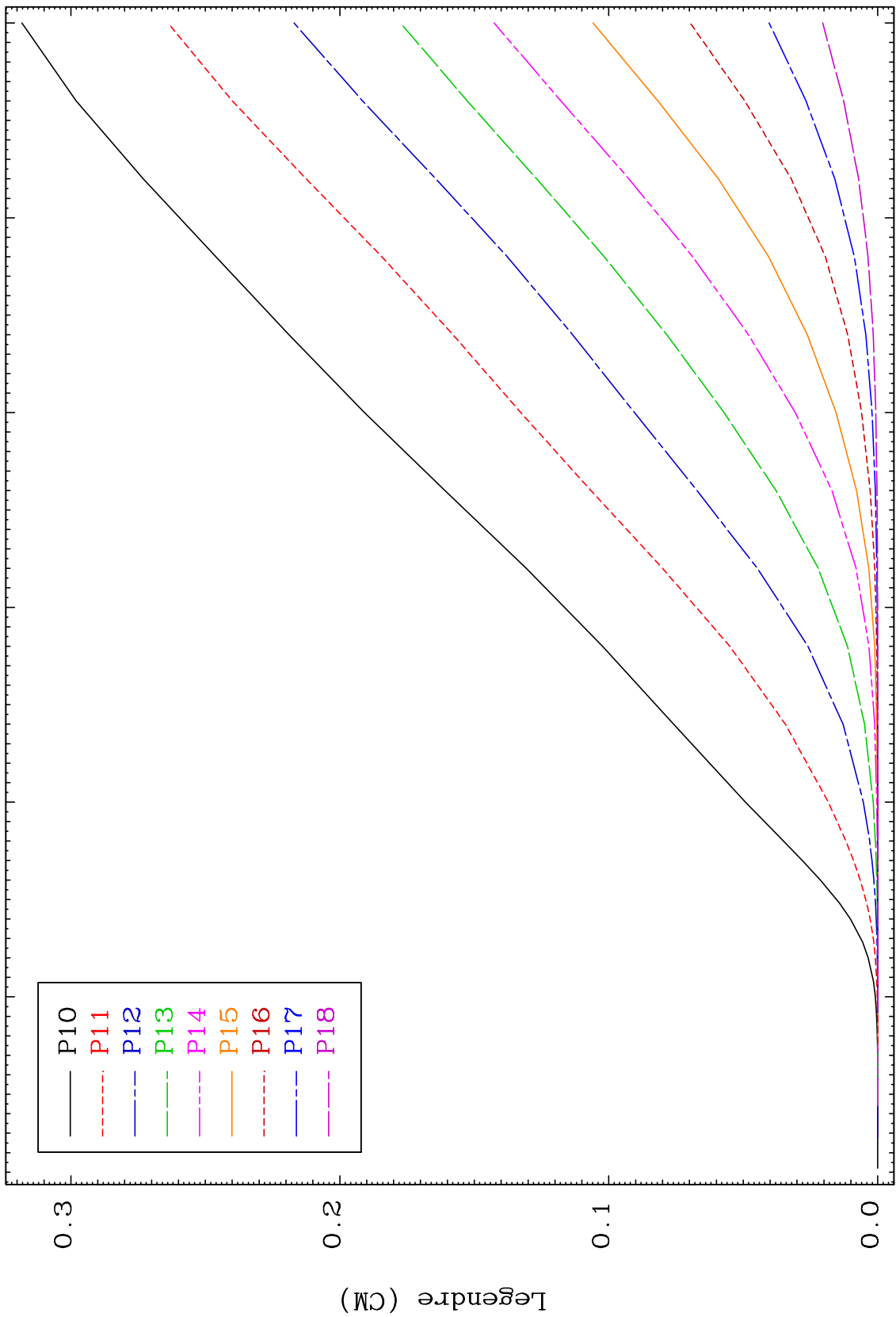
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



17

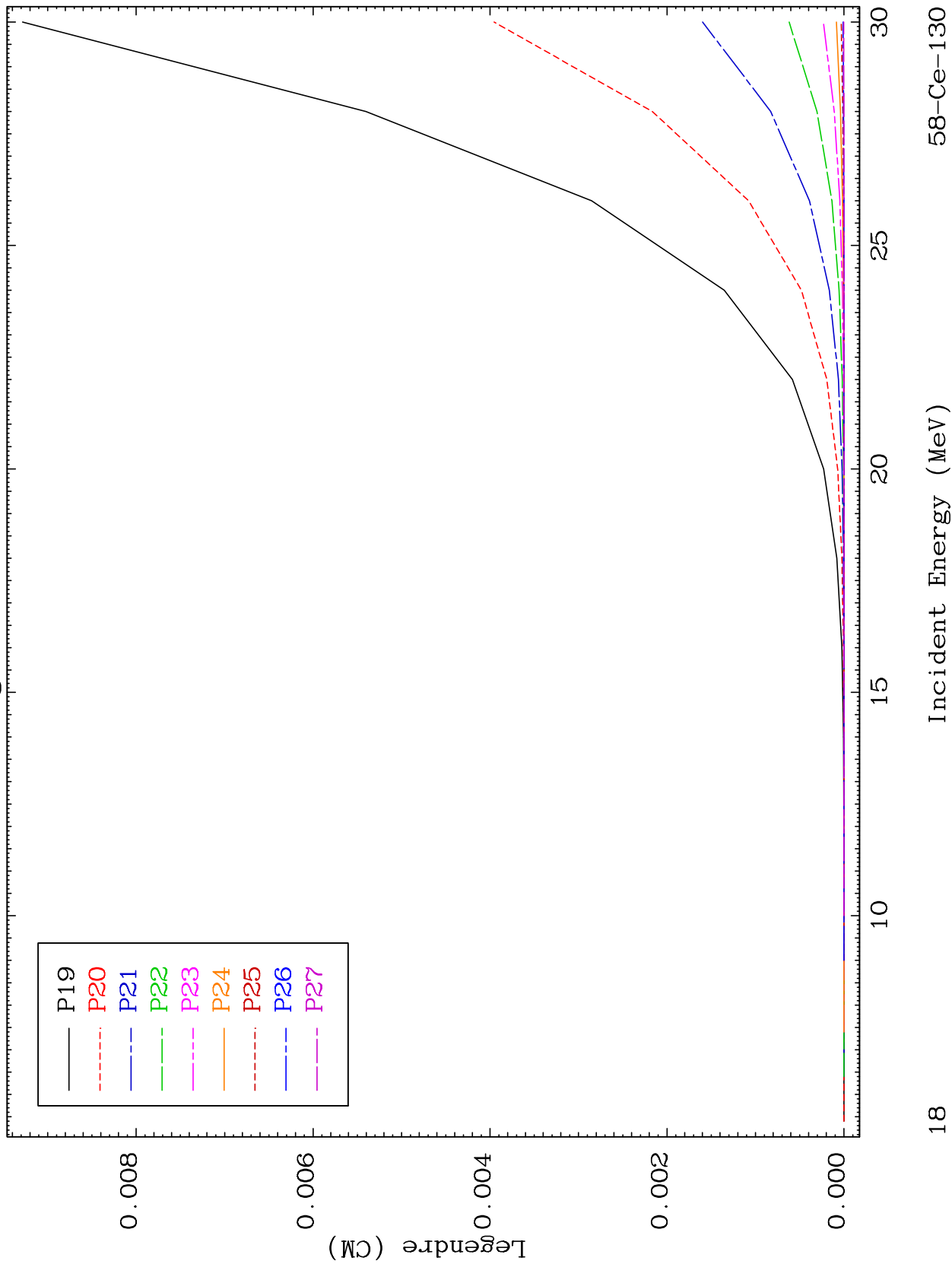
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



18

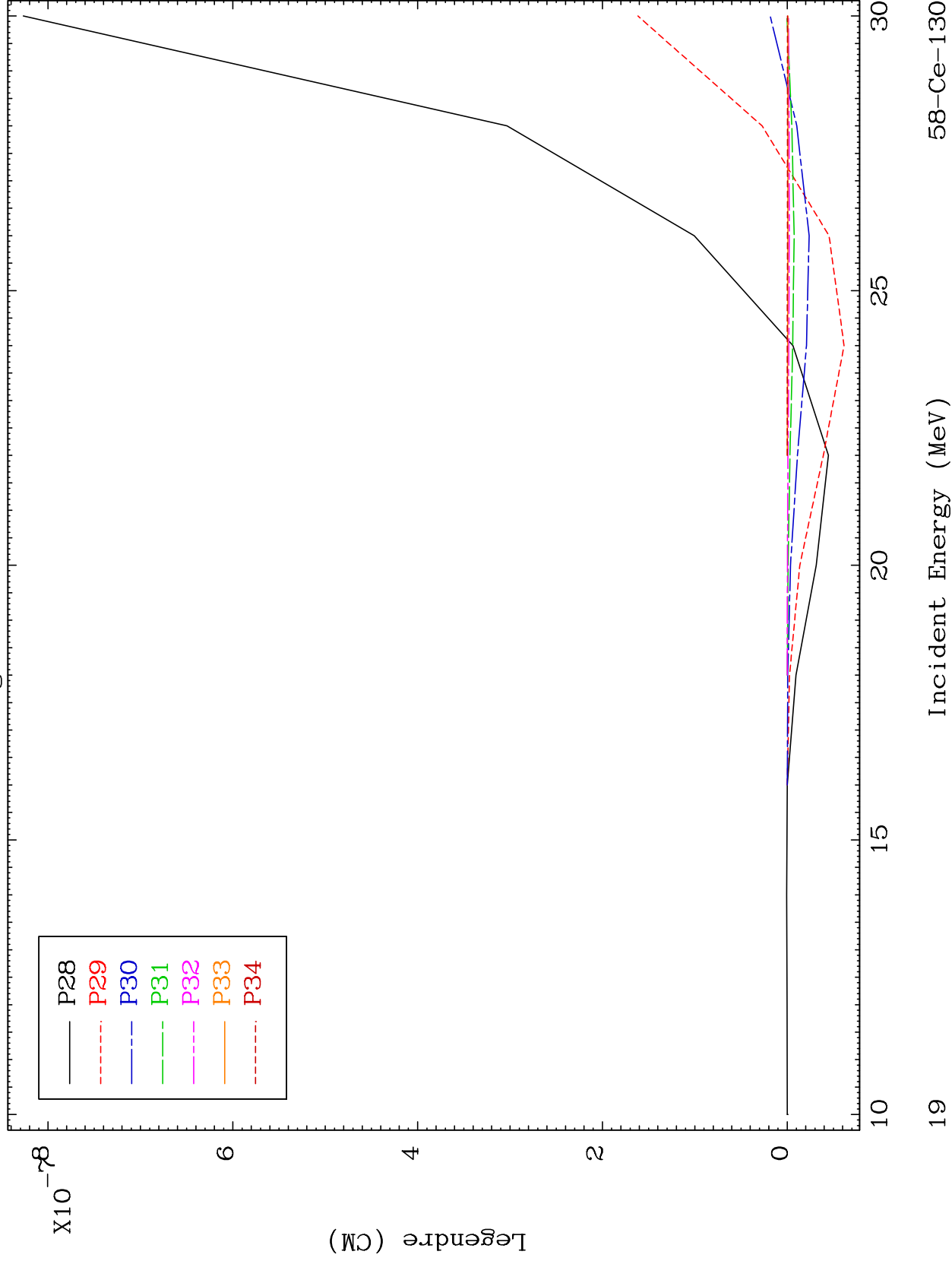
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

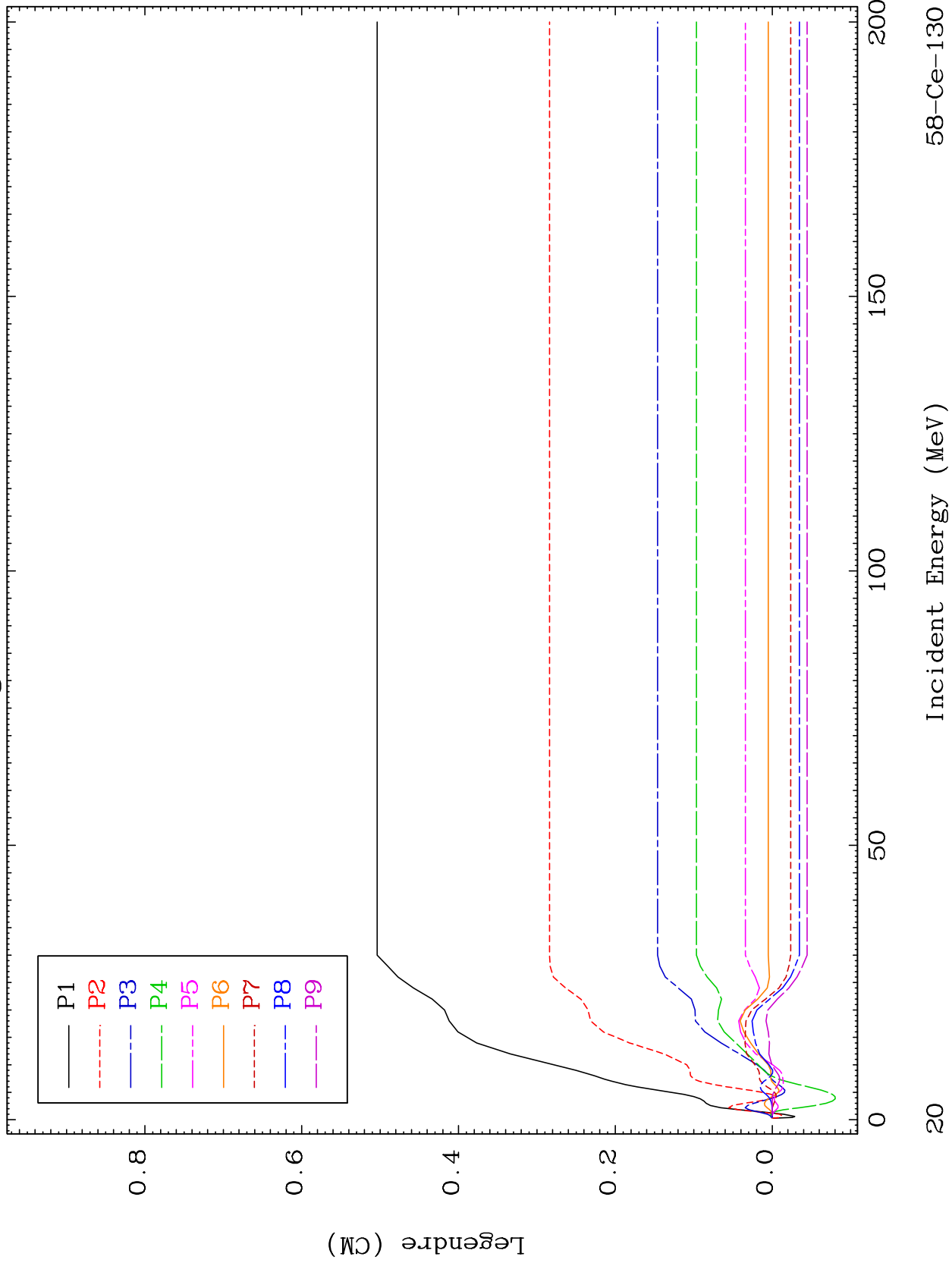
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

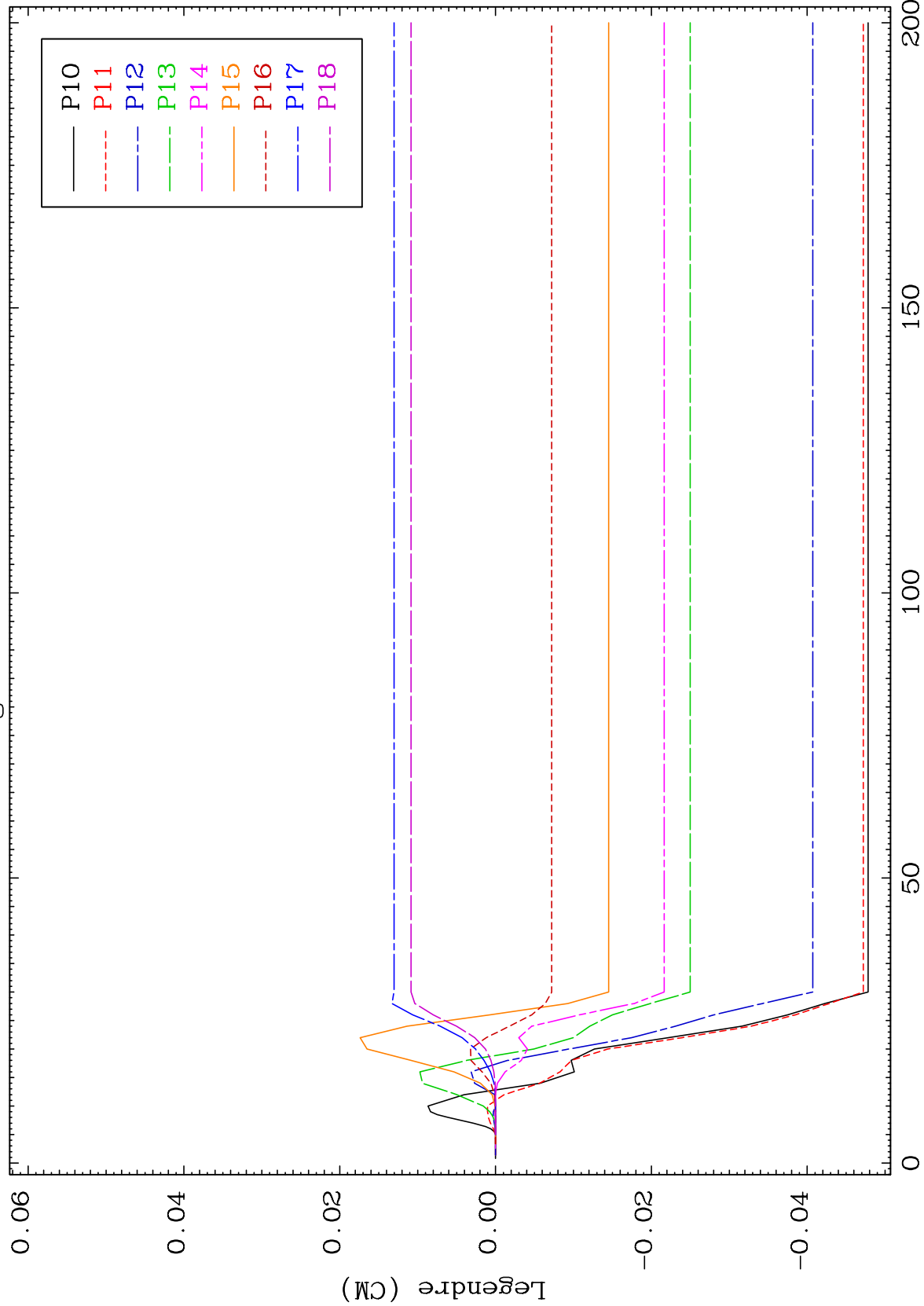
Incident Energy (MeV)

20

MAT 5807

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

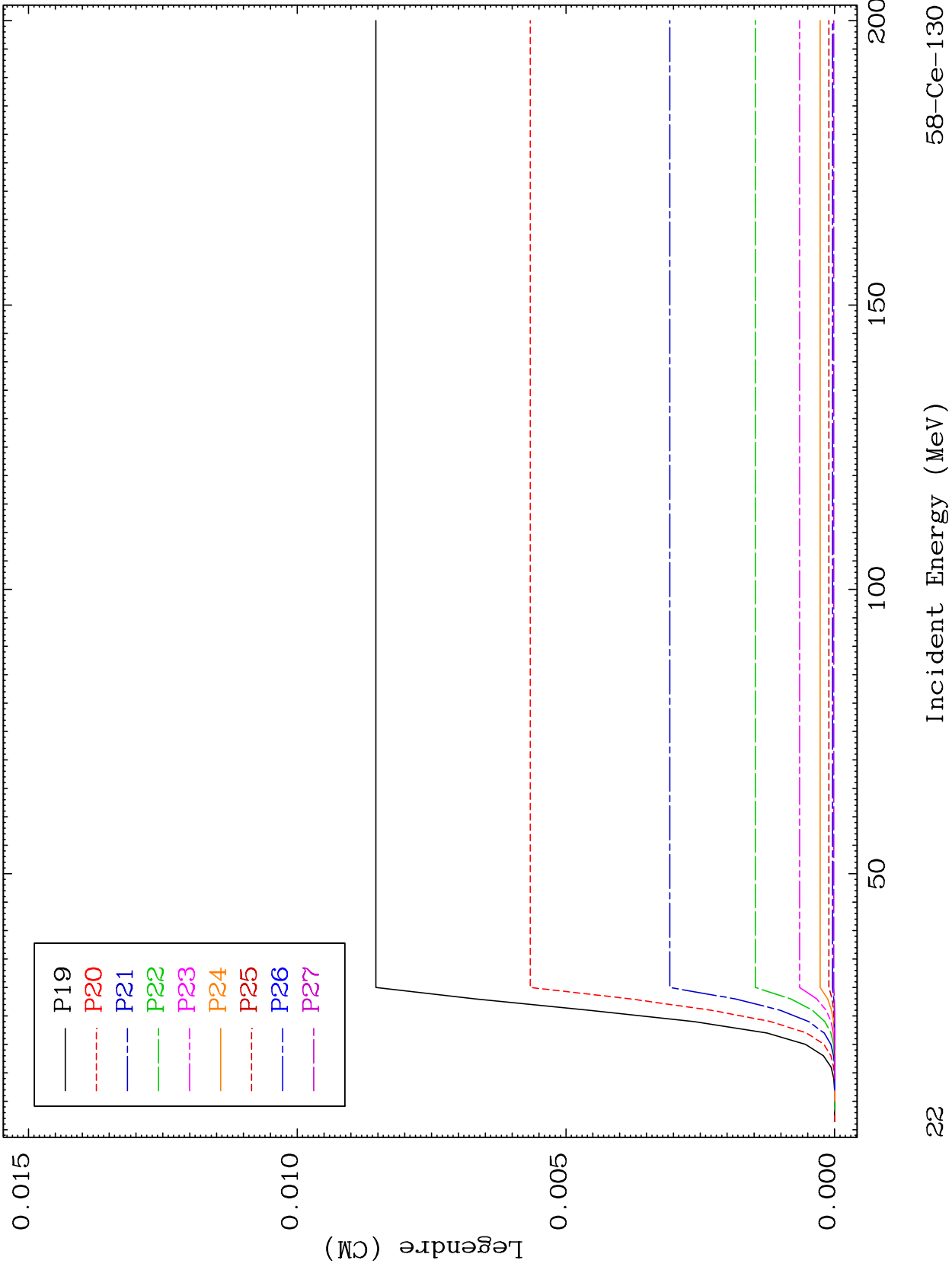
58-Ce-130



MAT 5807

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

58-Ce-130



22

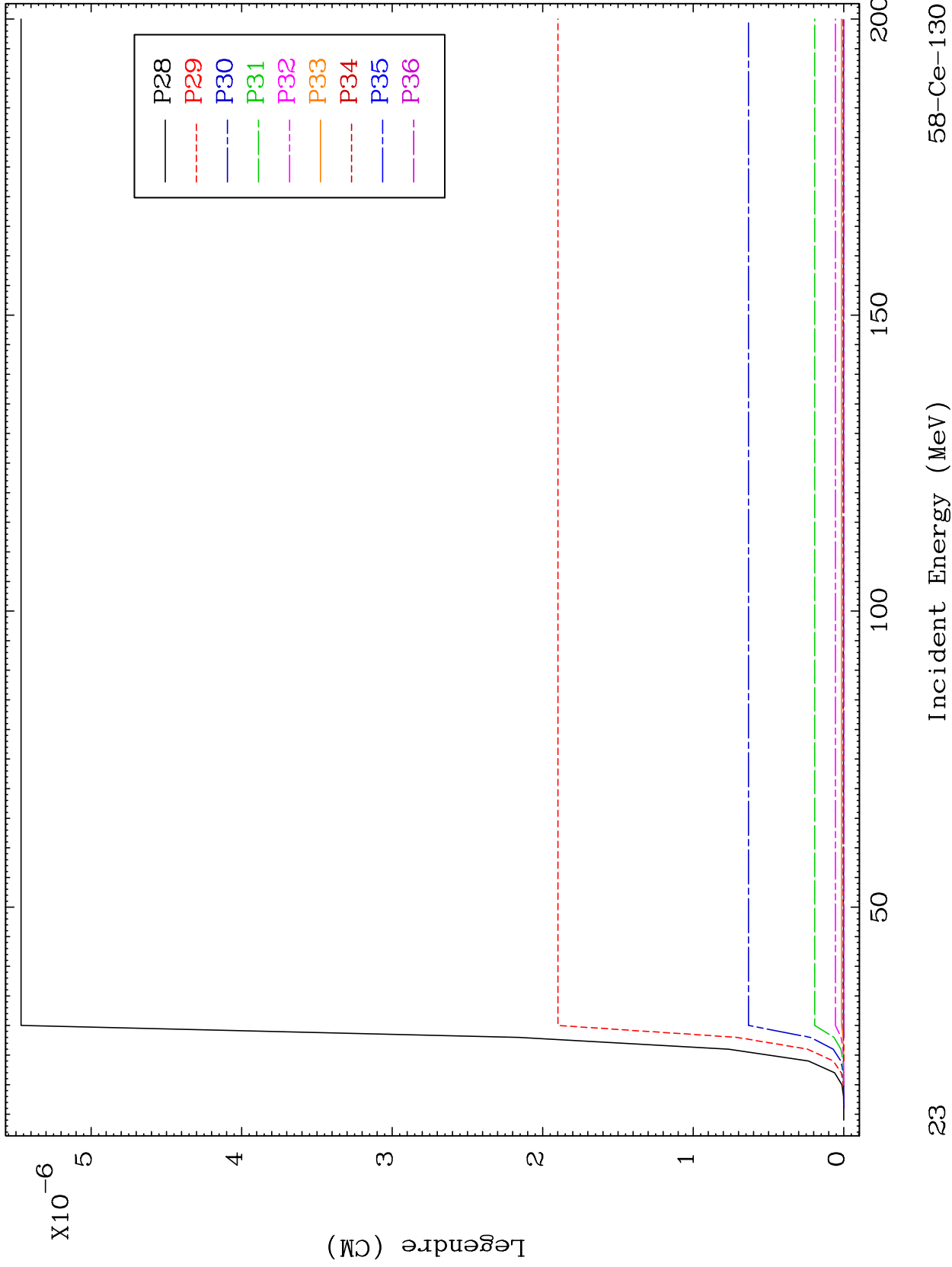
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

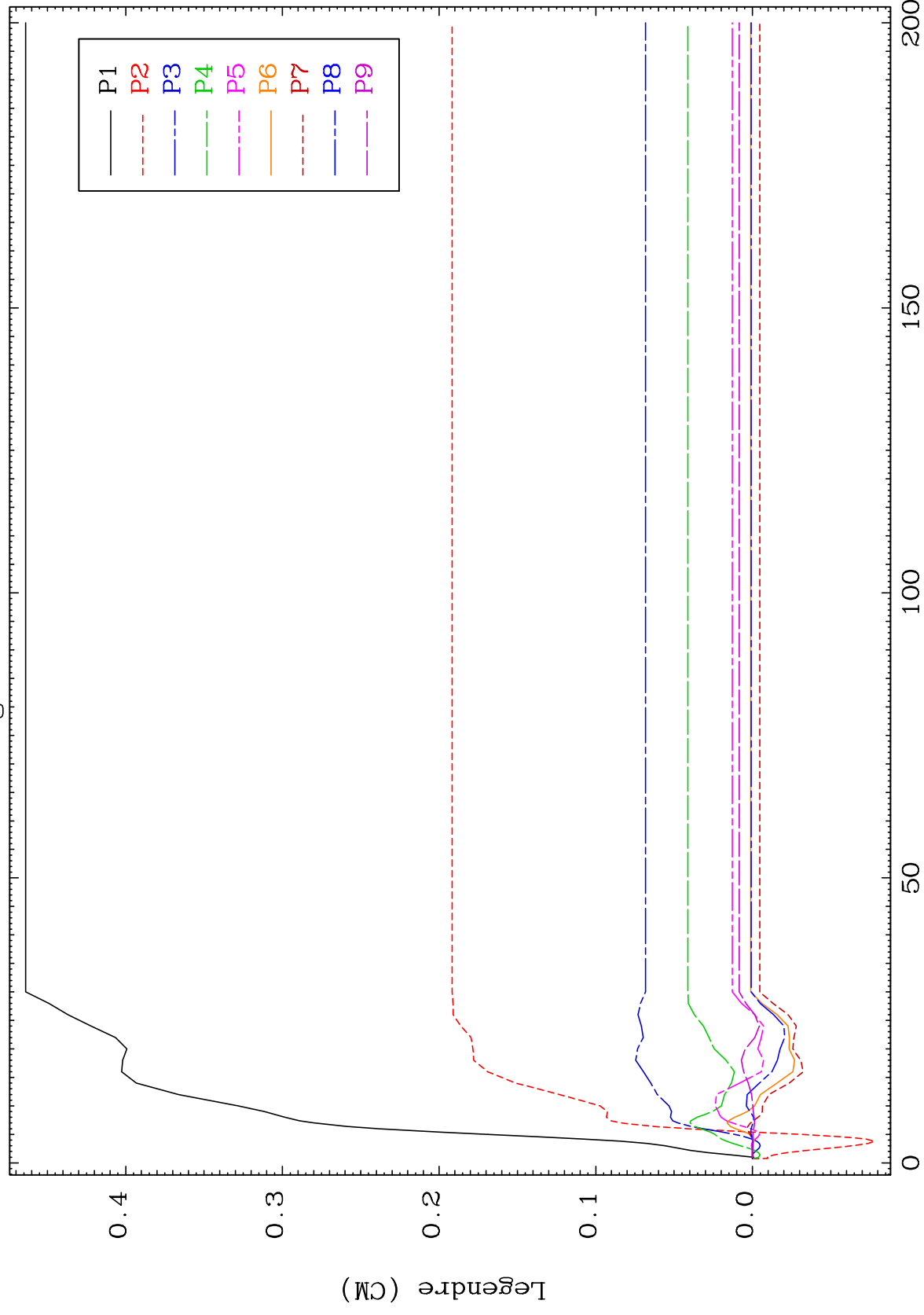


23

MAT 5807

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

58-Ce-130



24

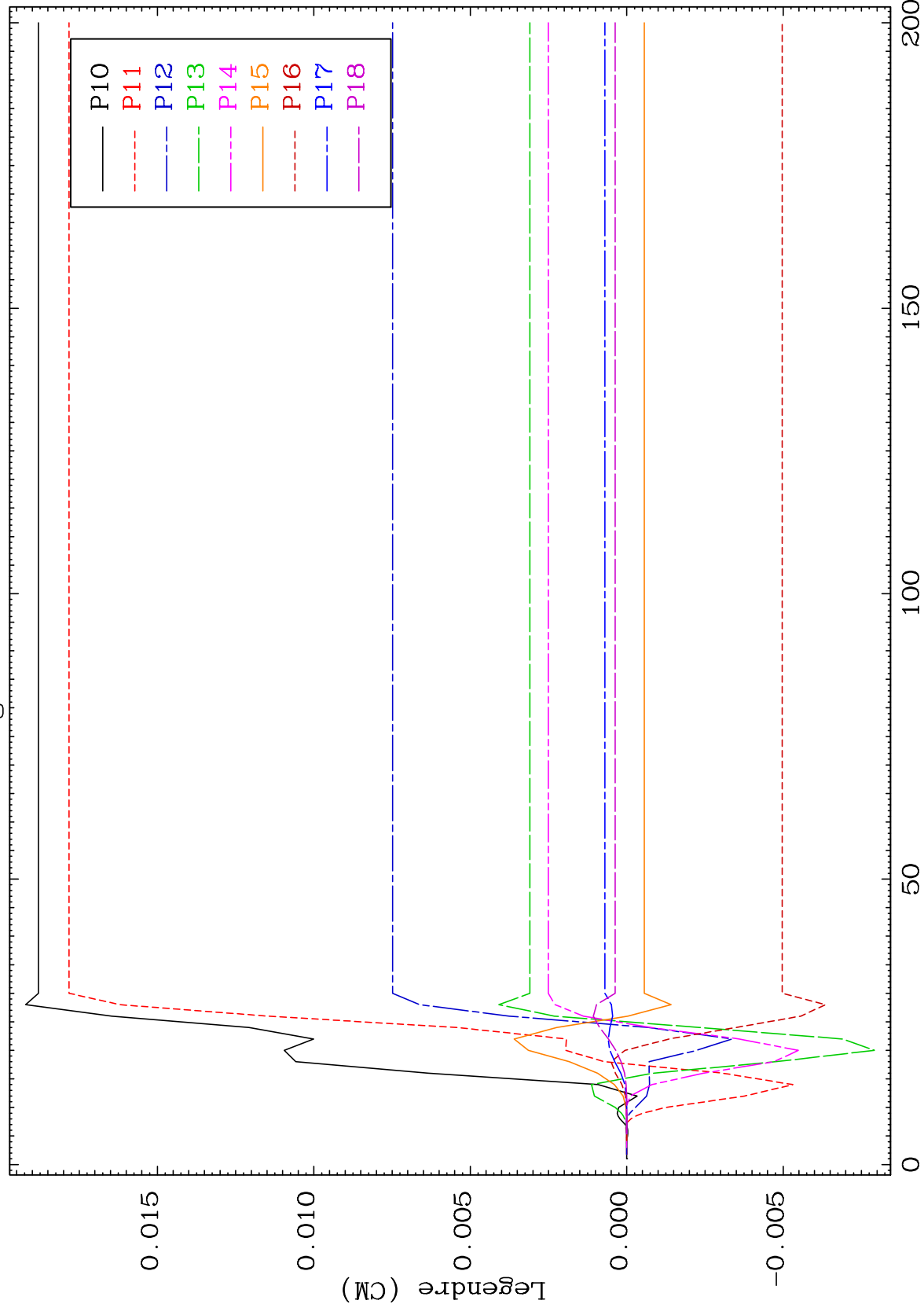
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

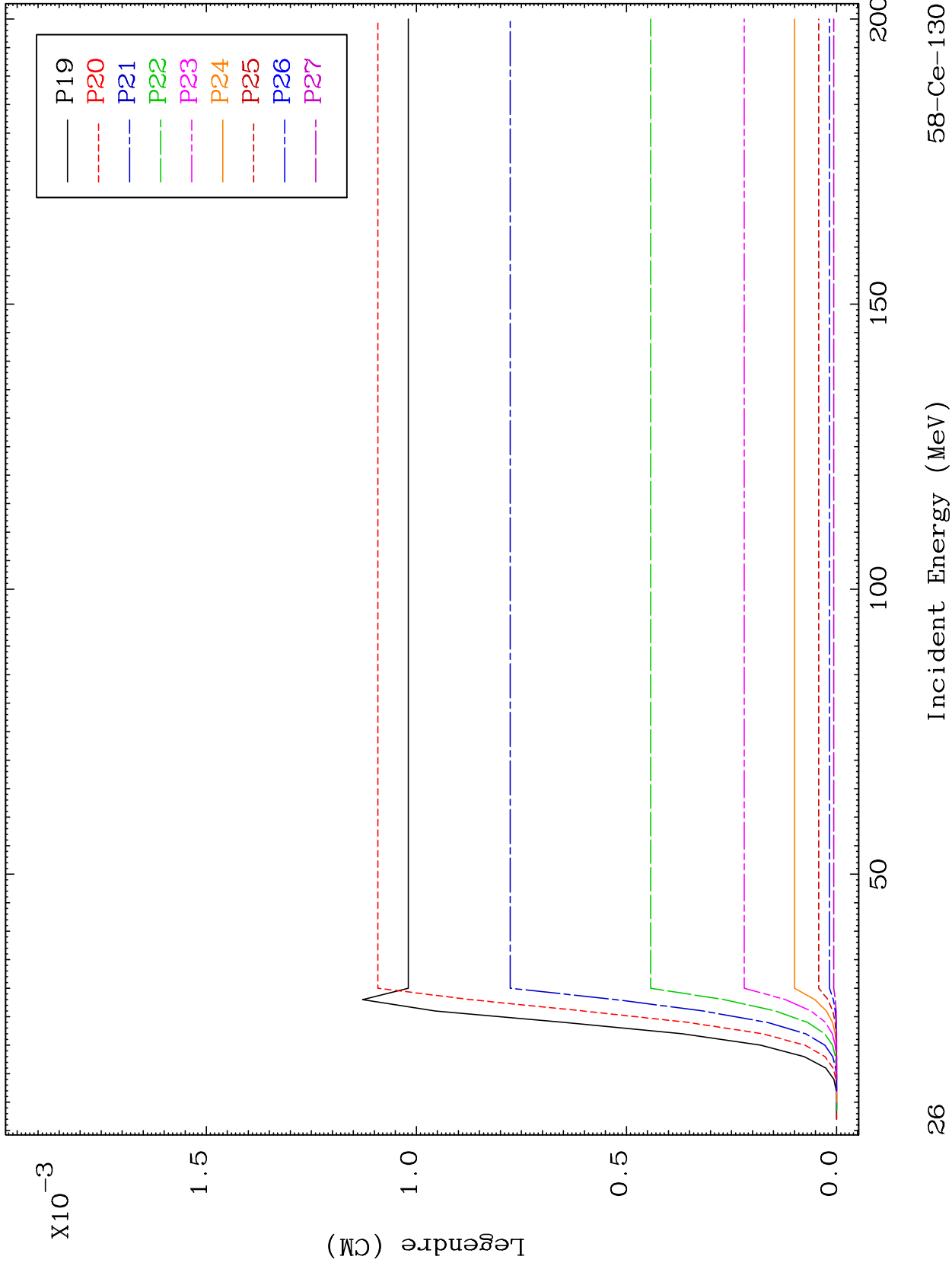
Incident Energy (MeV)

25

MAT 5807

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

58-Ce-130

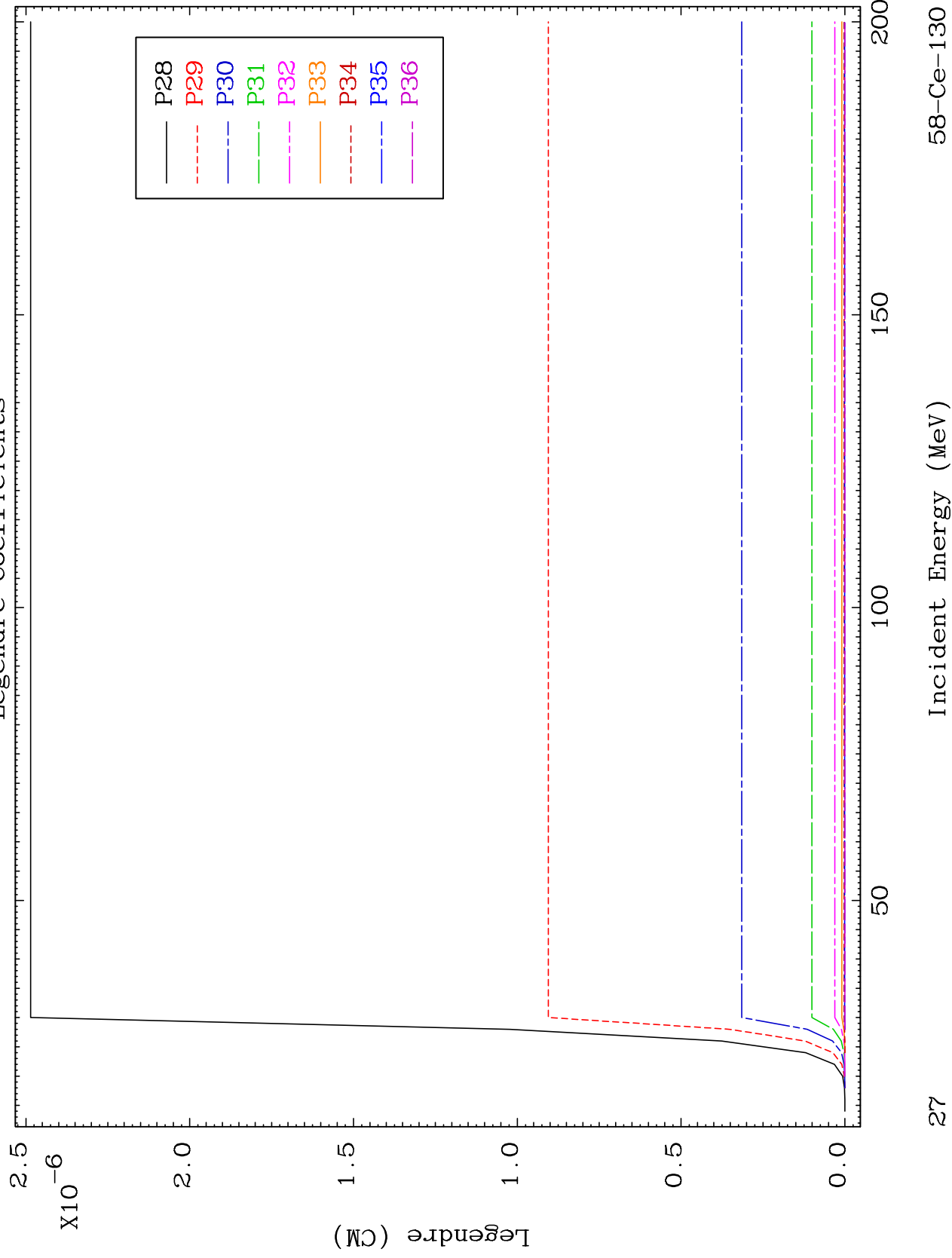


26

MAT 5807

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

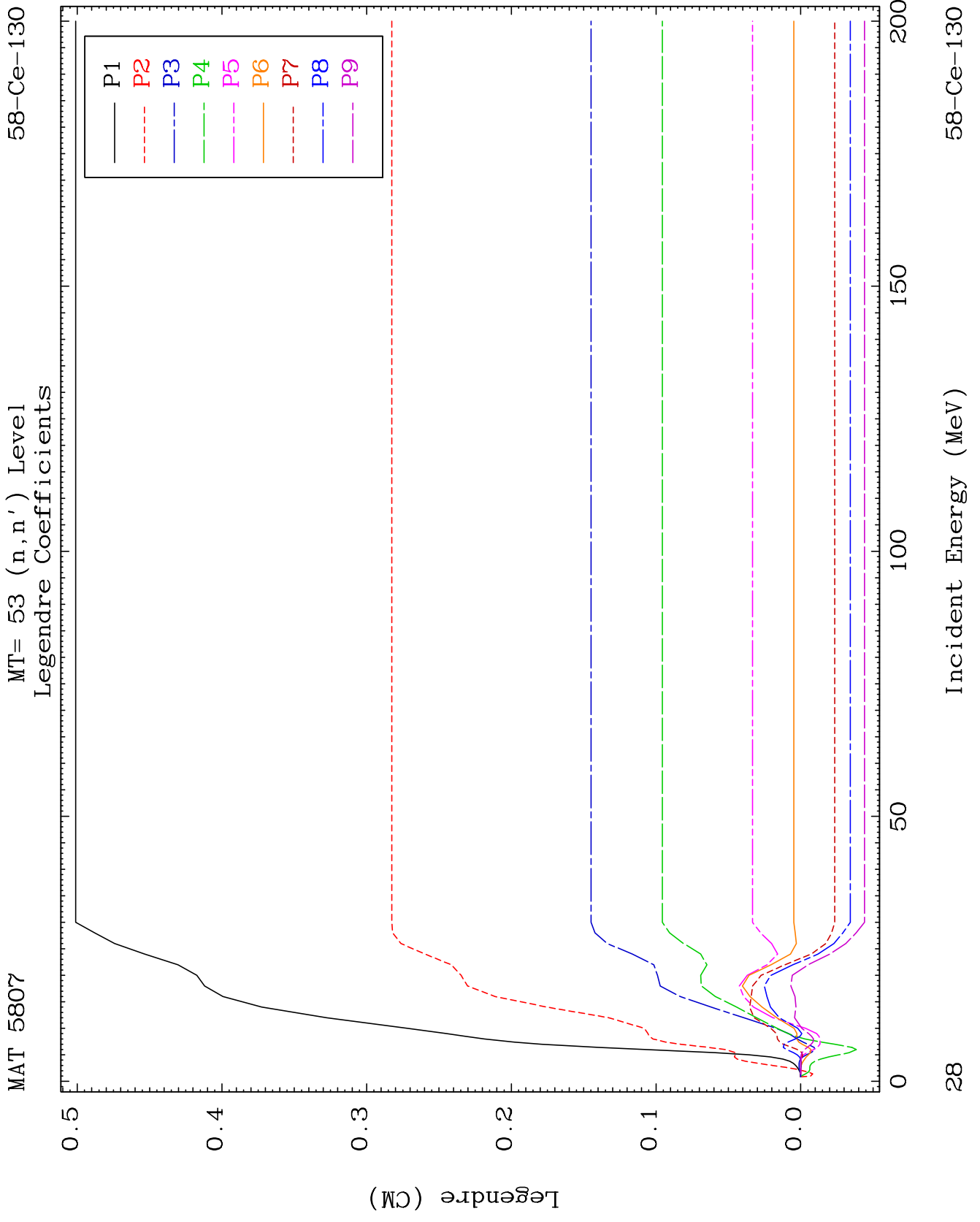
58-Ce-130



27

Incident Energy (MeV)

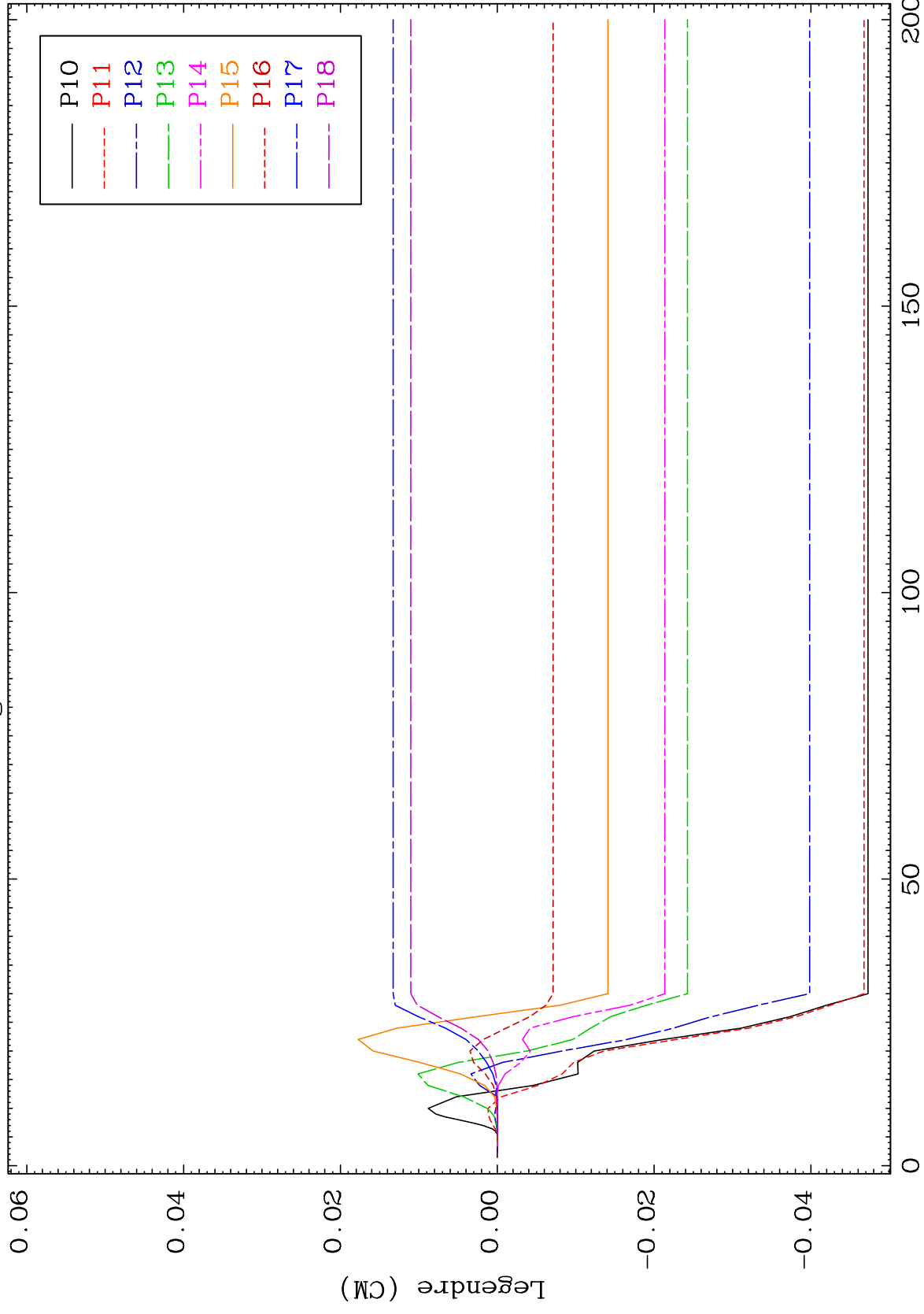
58-Ce-130



MAT 5807

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

58-Ce-130



29

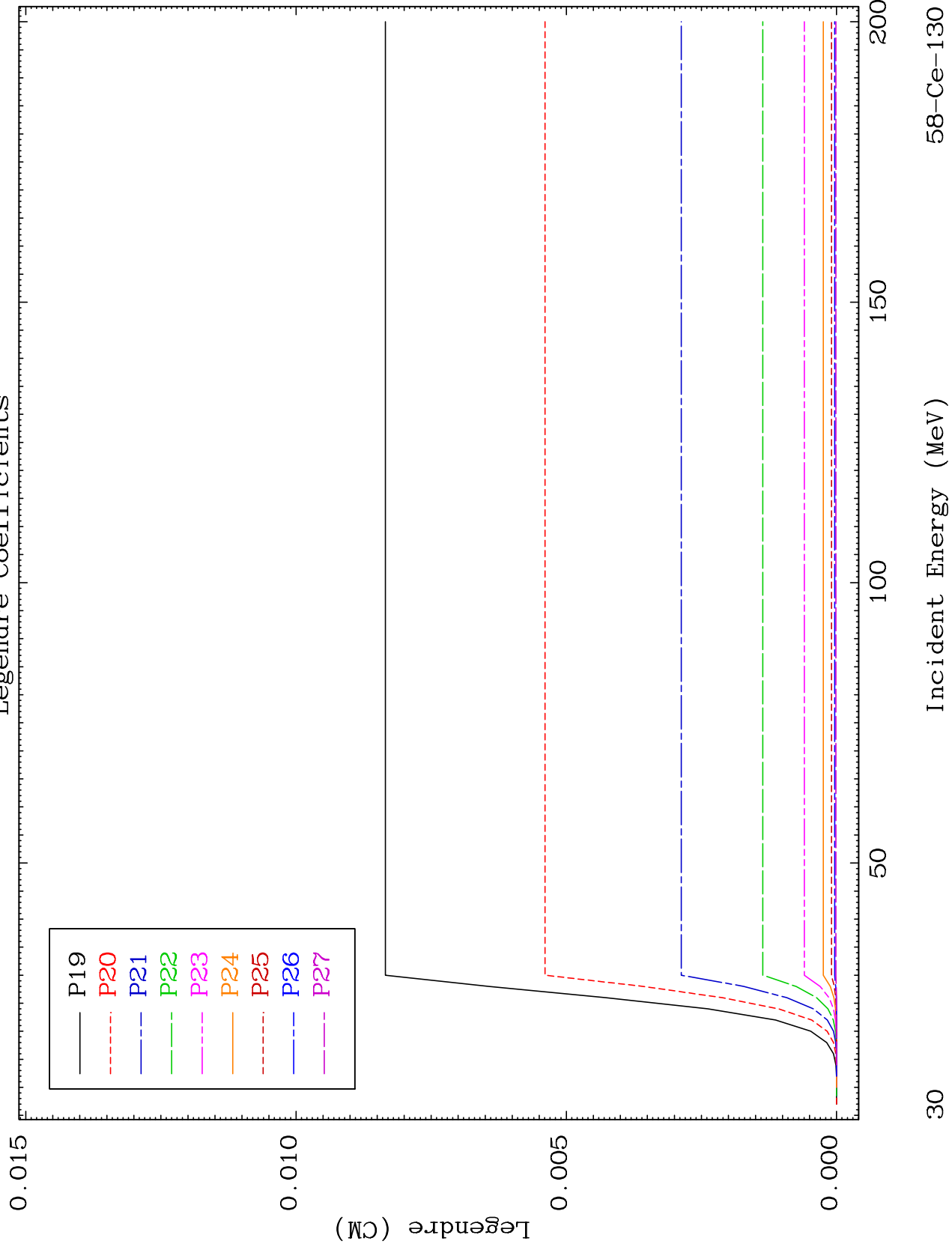
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



30

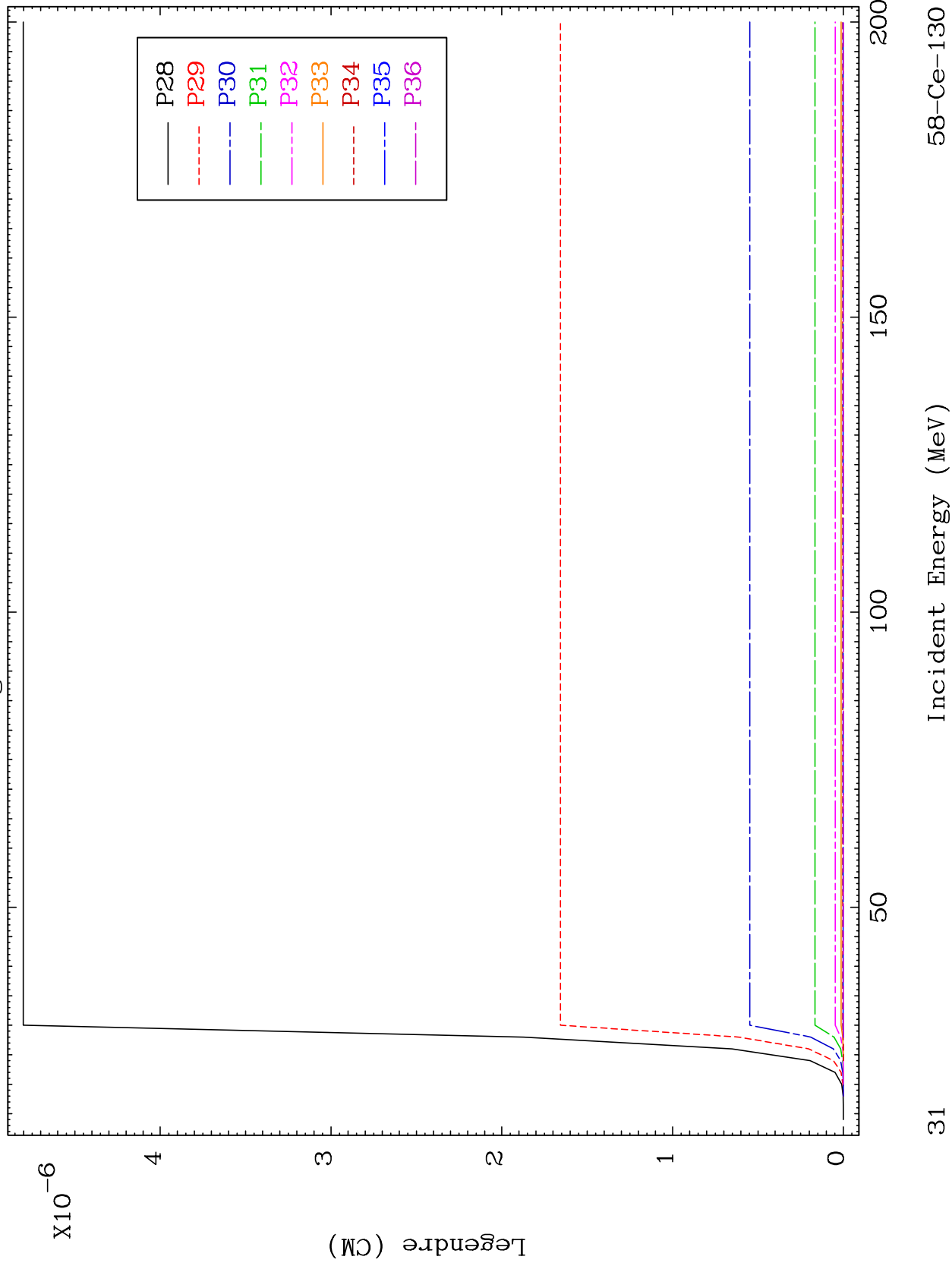
Incident Energy (MeV)

58-Ce-130

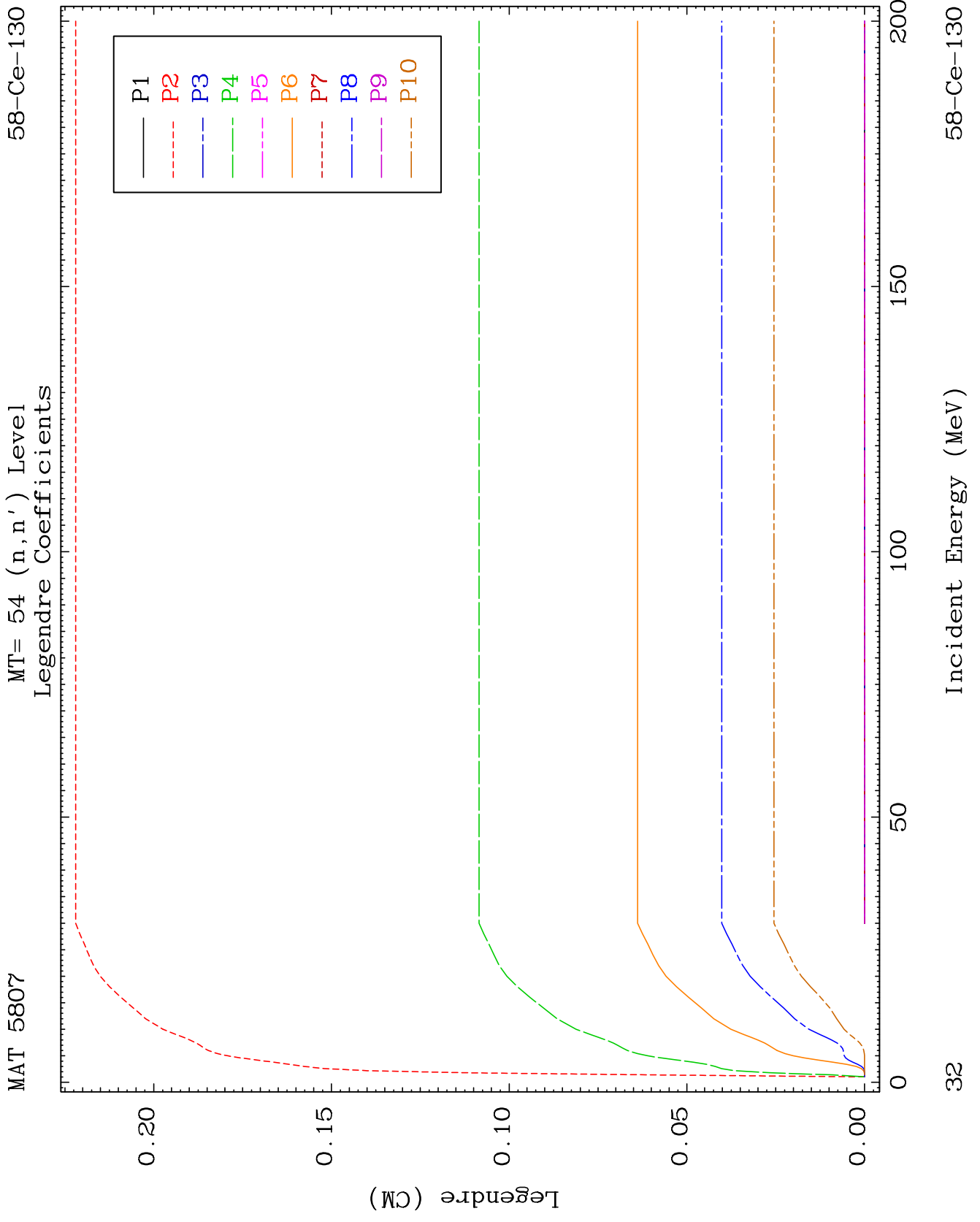
MAT 5807

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

58-Ce-130



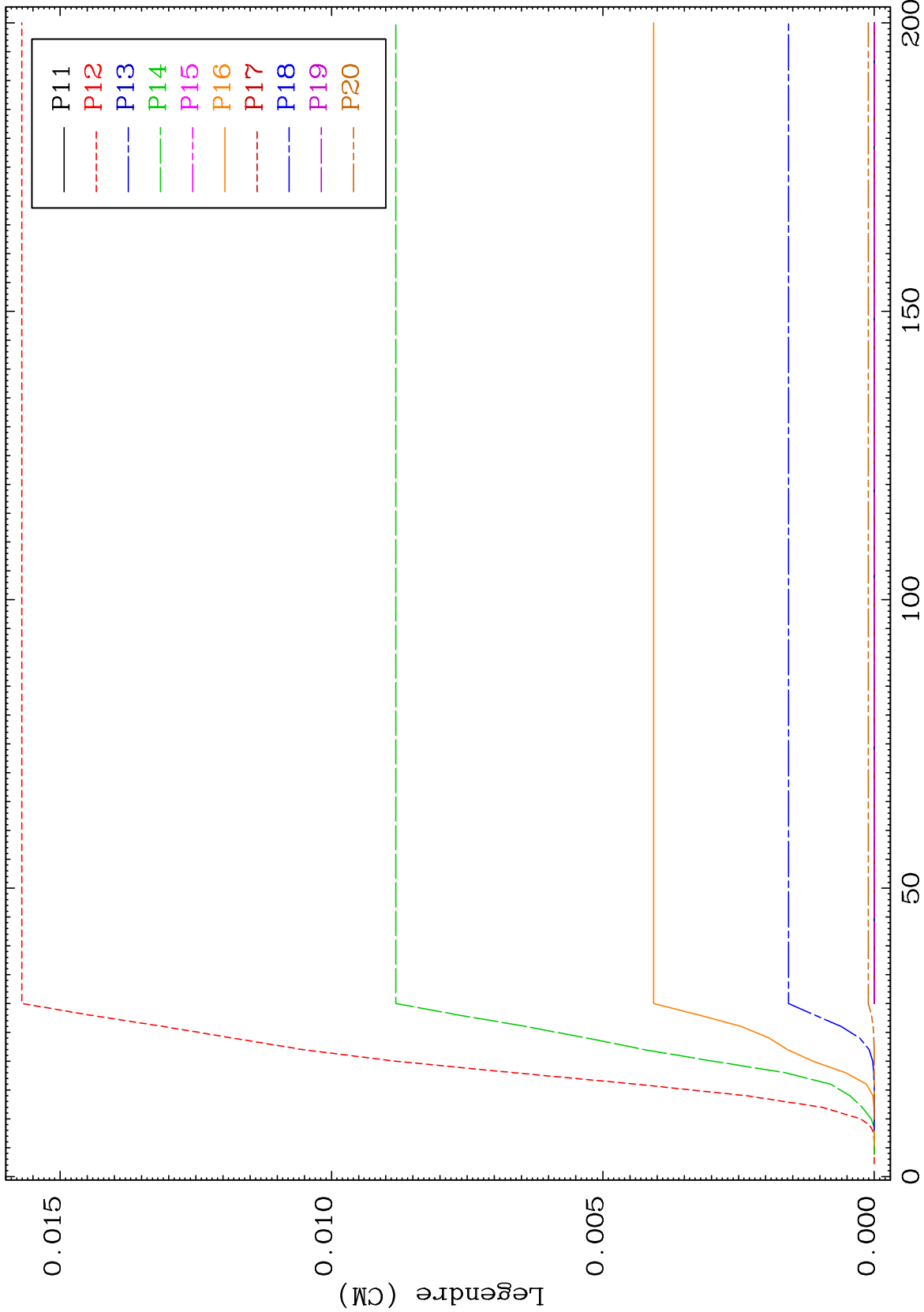
31



MAT 5807

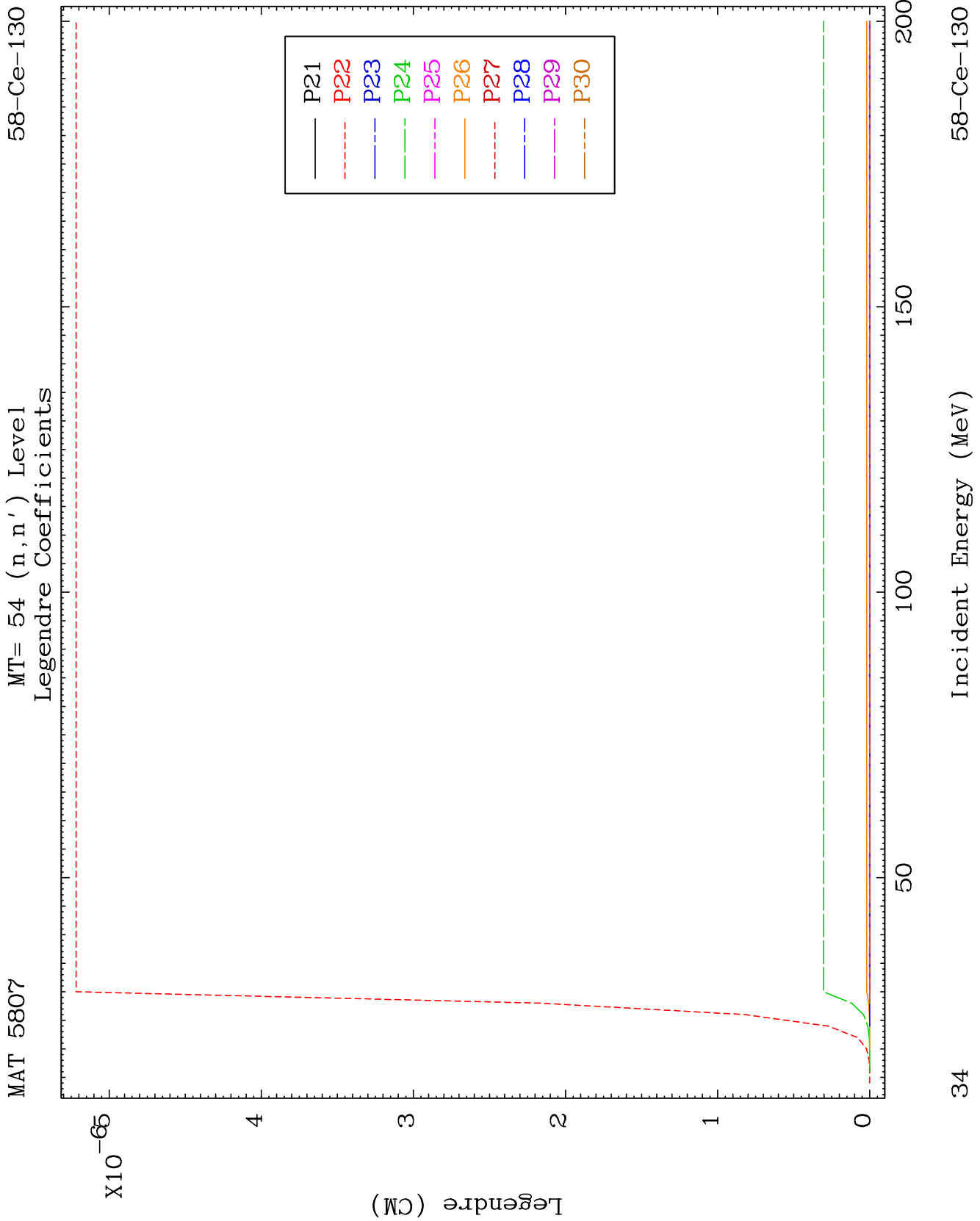
MT= 54 (n,n') Level
Legendre Coefficients

58-Ce-130



33

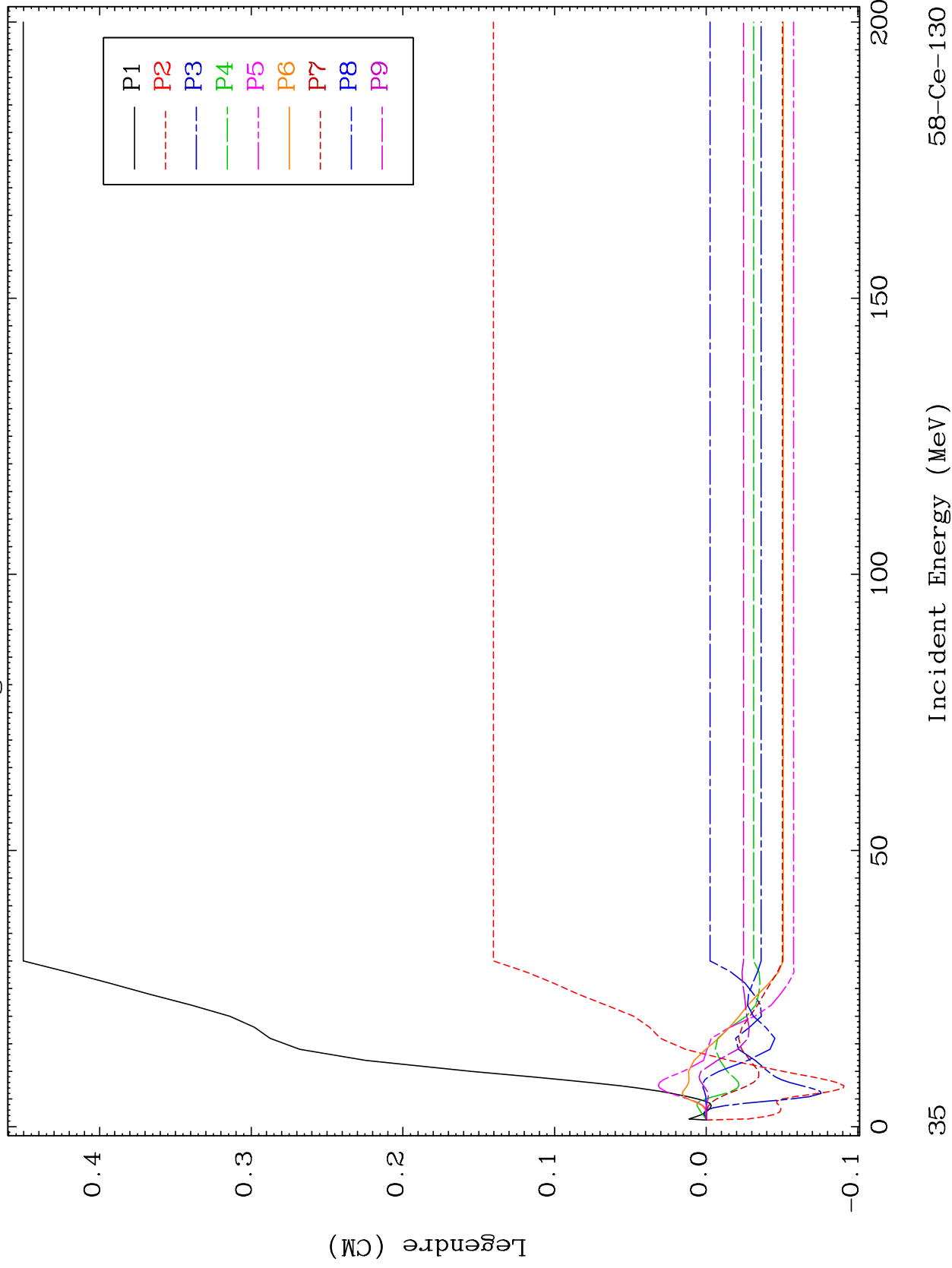
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

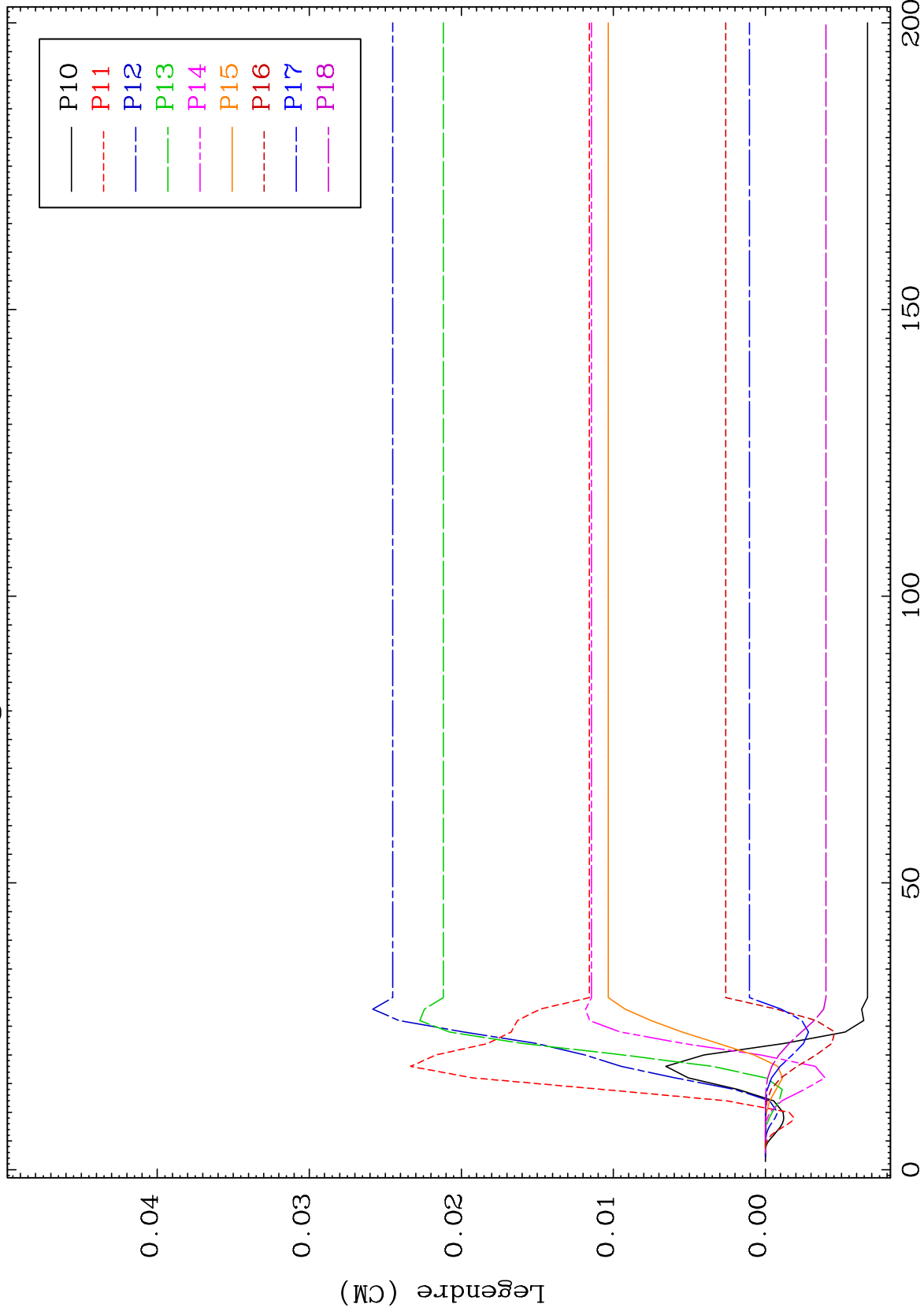
Incident Energy (MeV)

35

MAT 5807

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

58-Ce-130



36

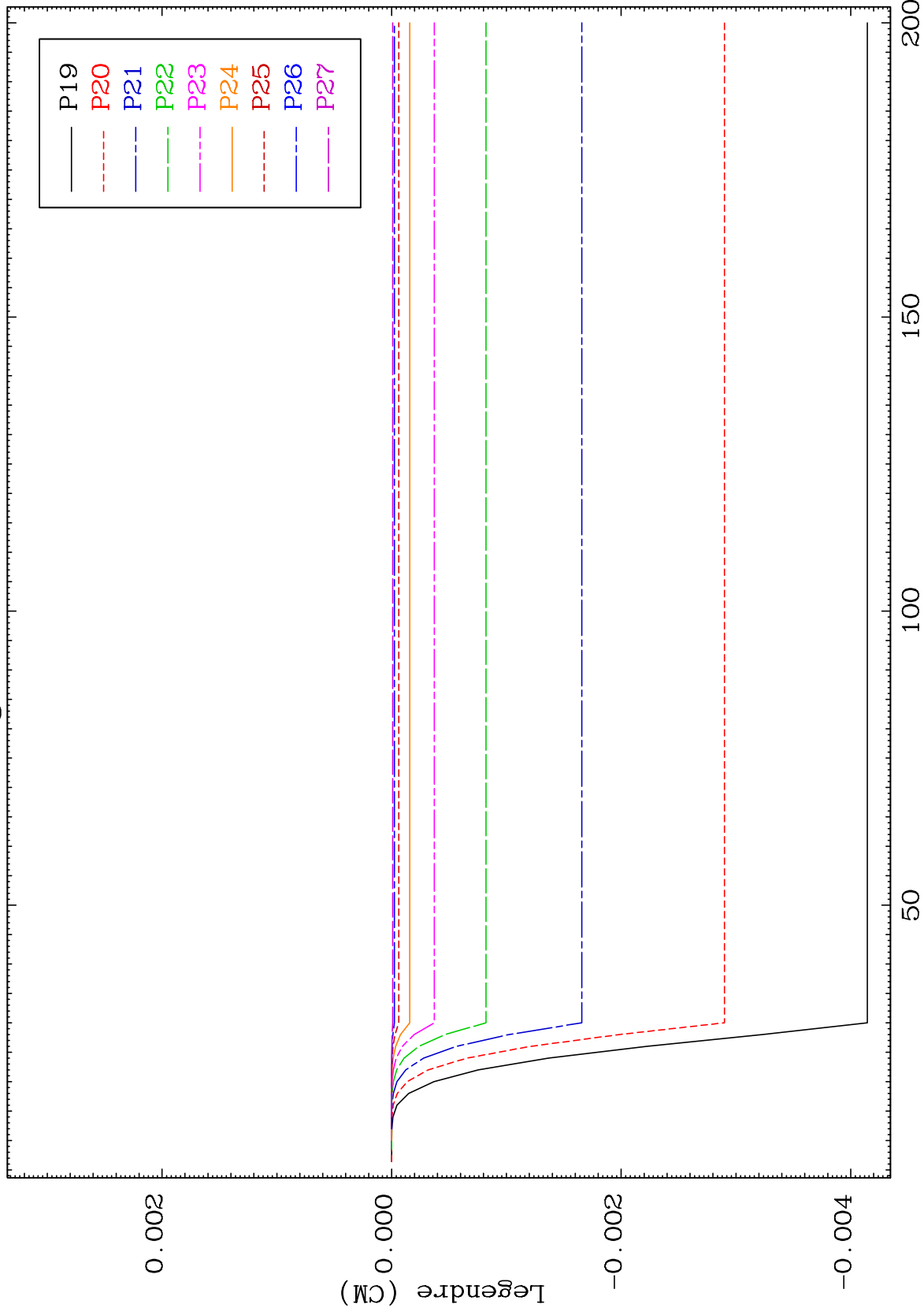
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

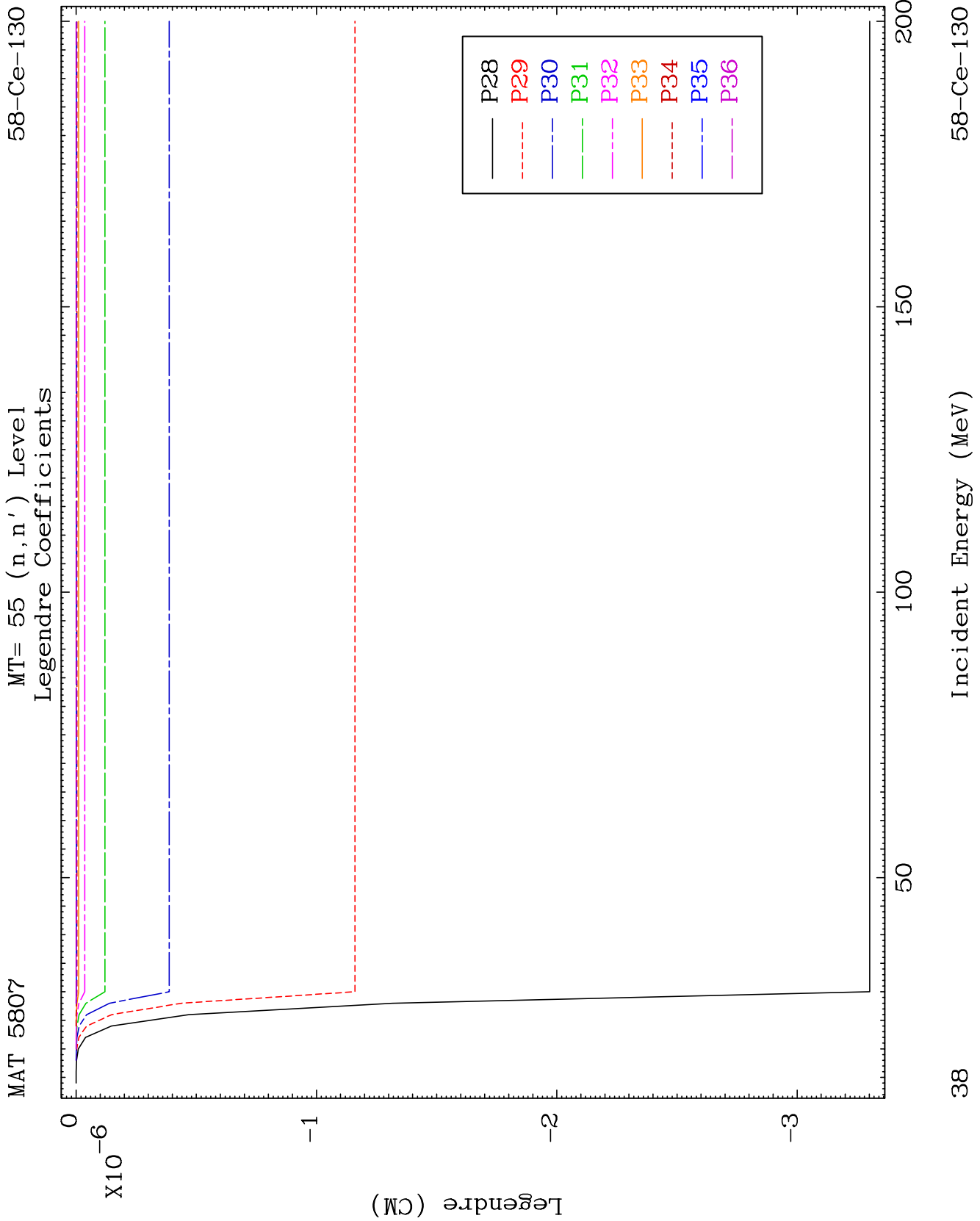
58-Ce-130



37

Incident Energy (MeV)

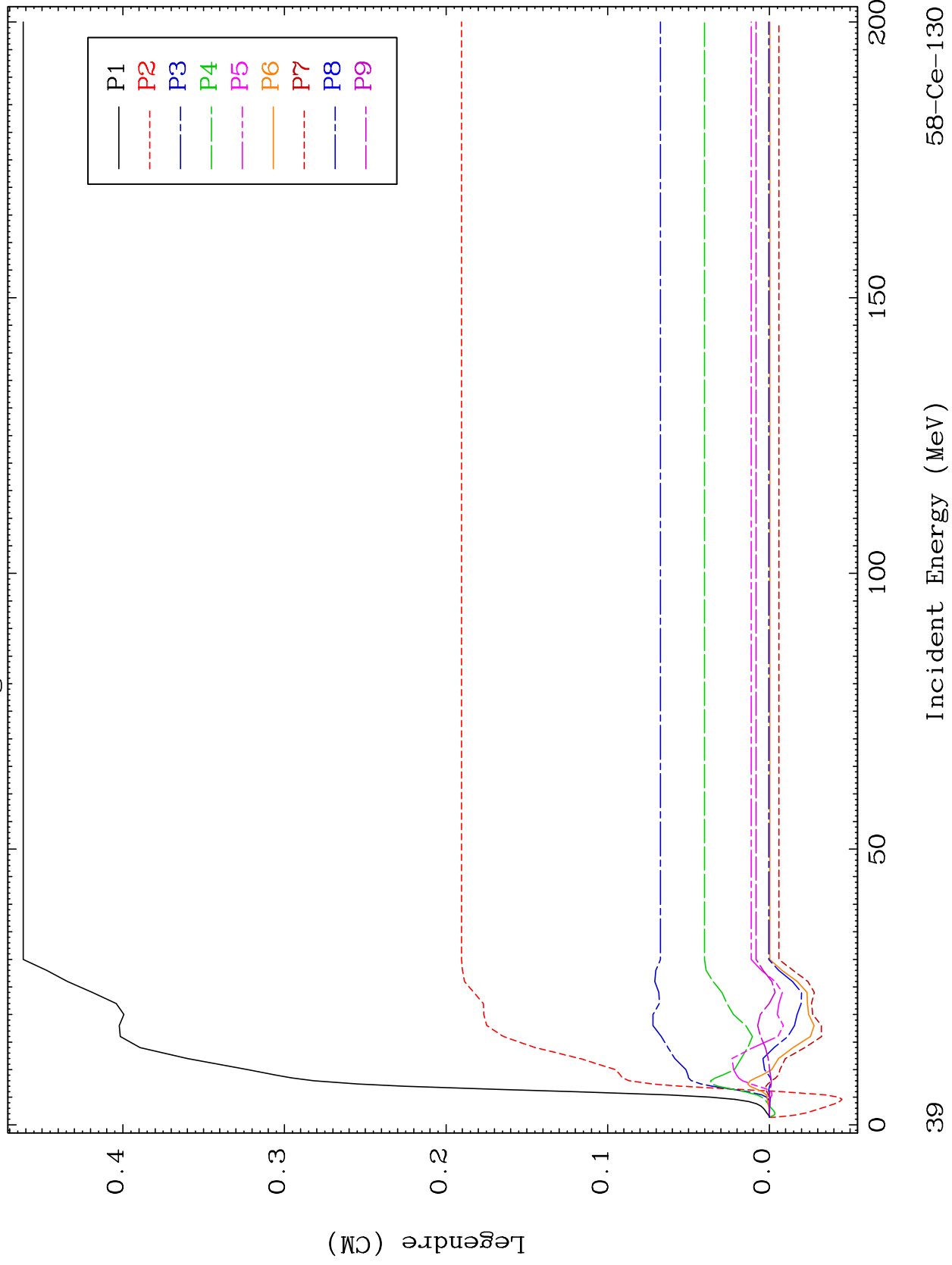
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

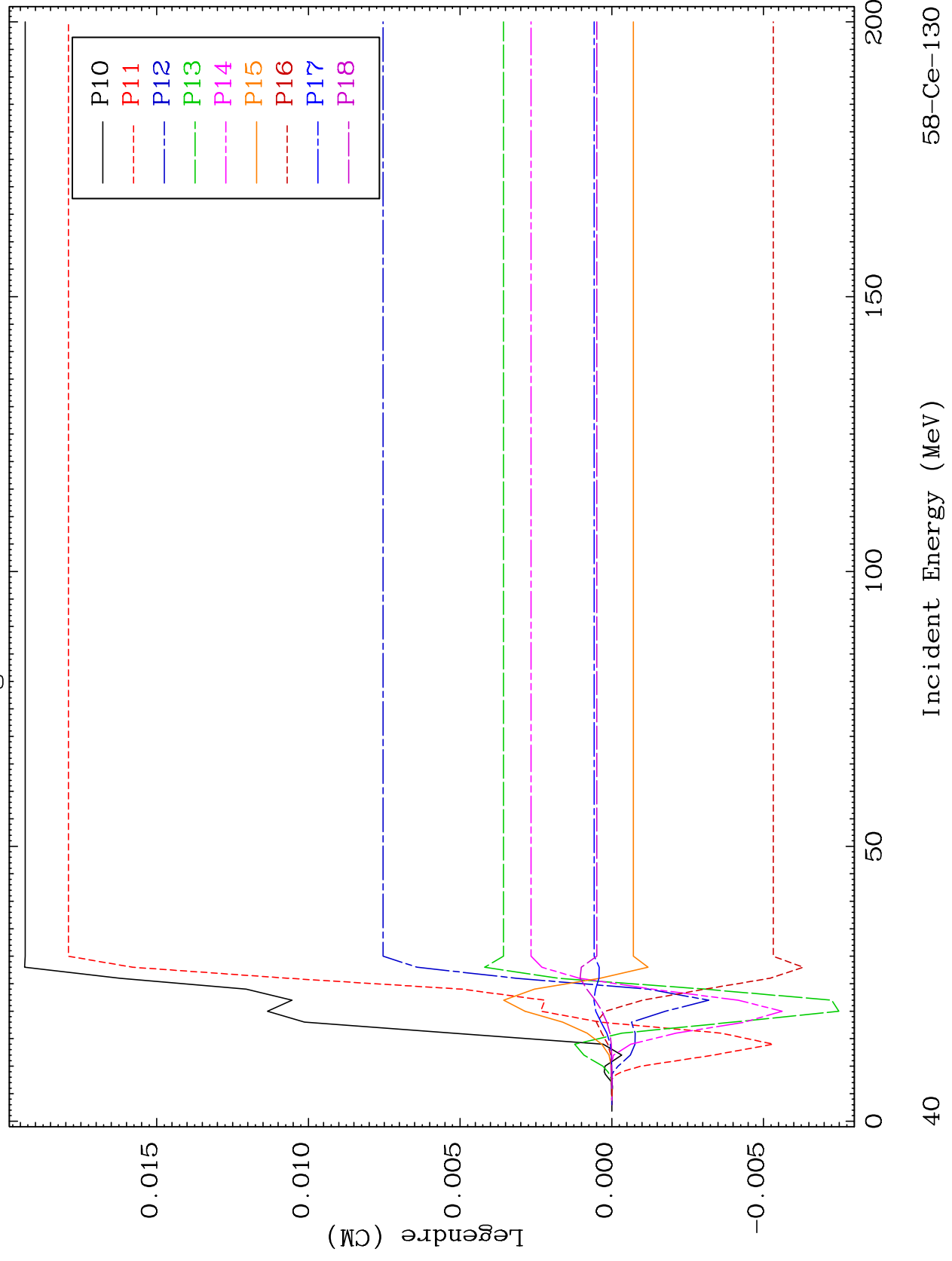
Incident Energy (MeV)

39

MAT 5807

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

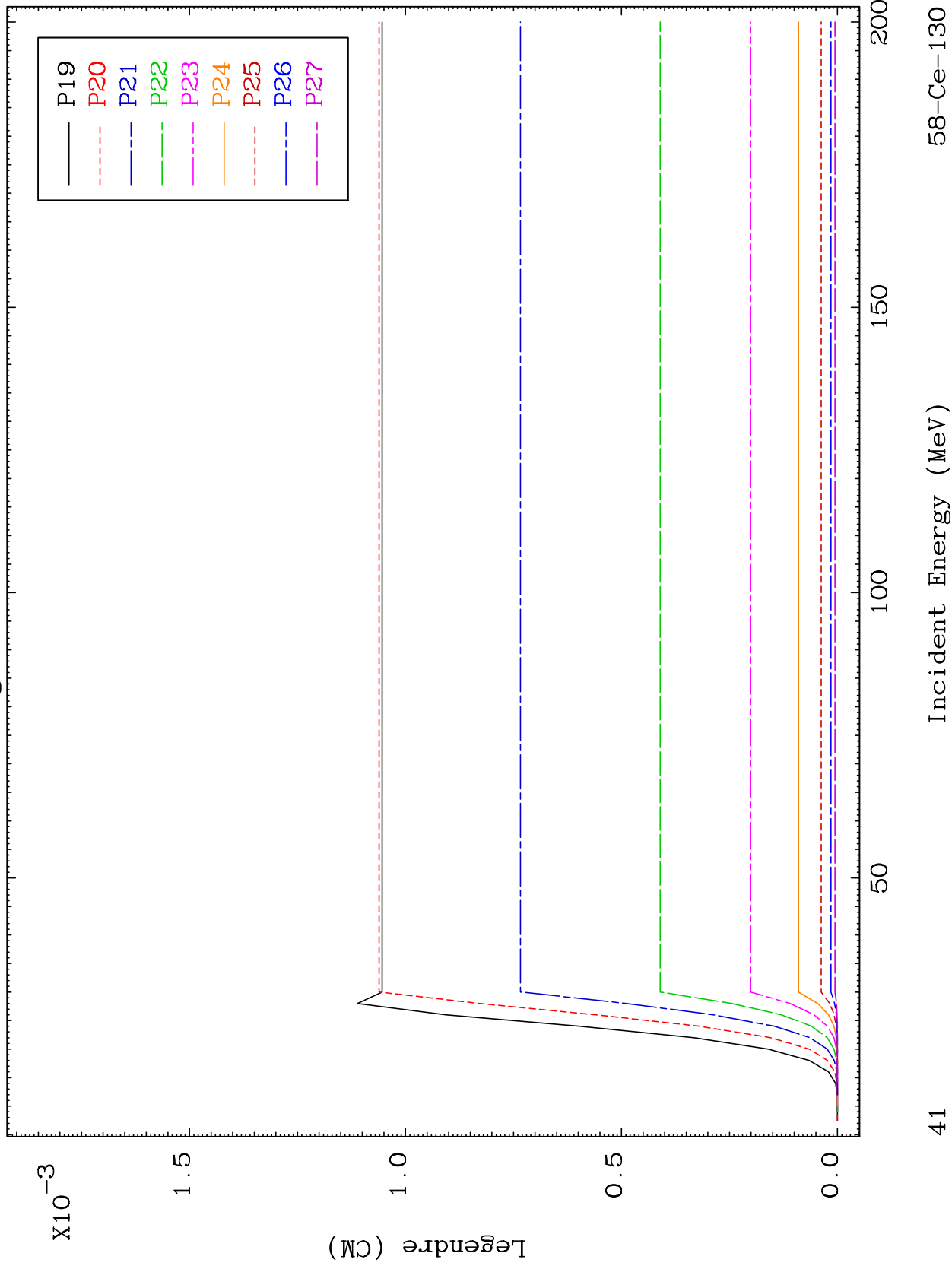
58-Ce-130



MAT 5807

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

58-Ce-130



41

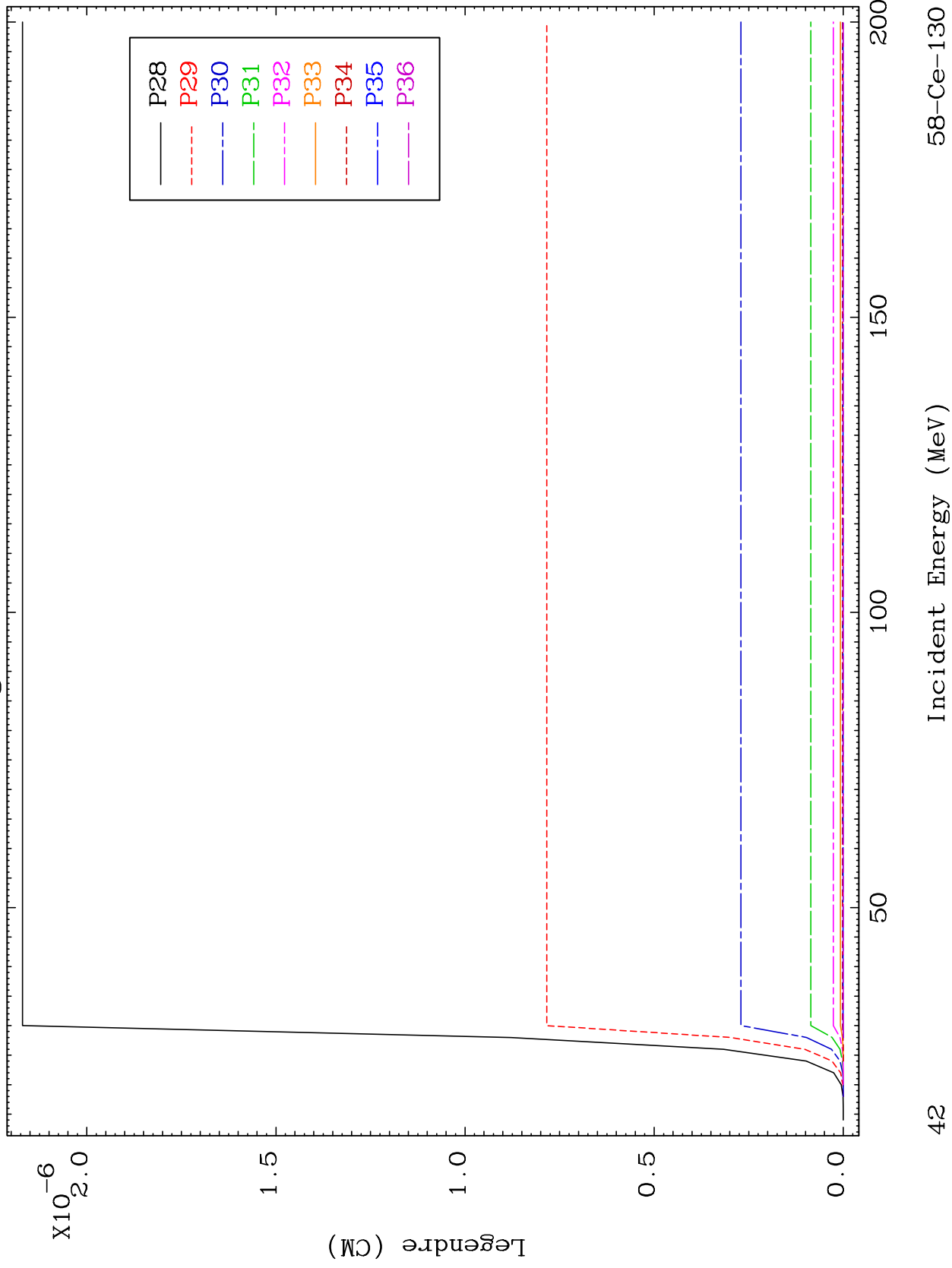
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



42

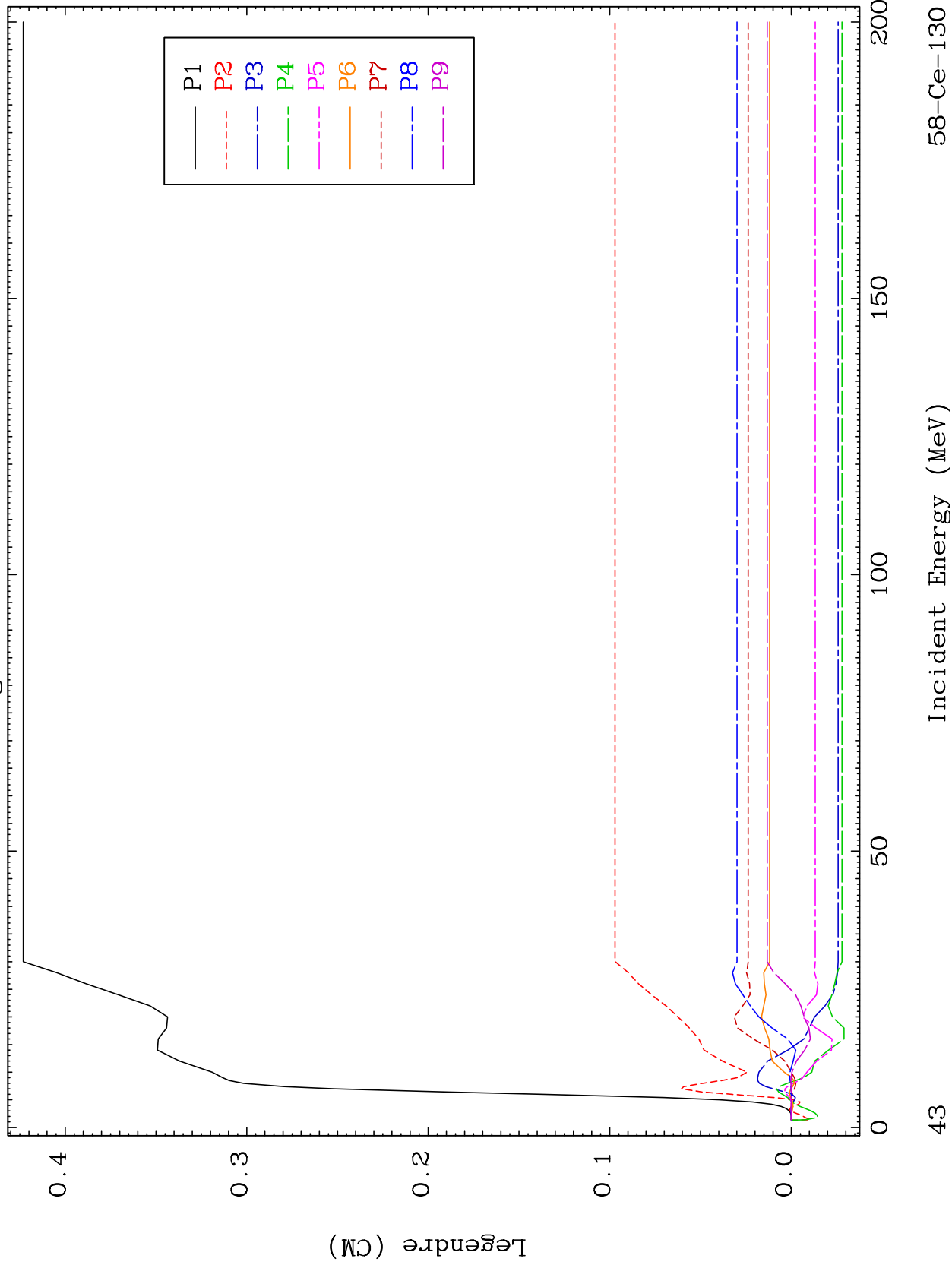
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

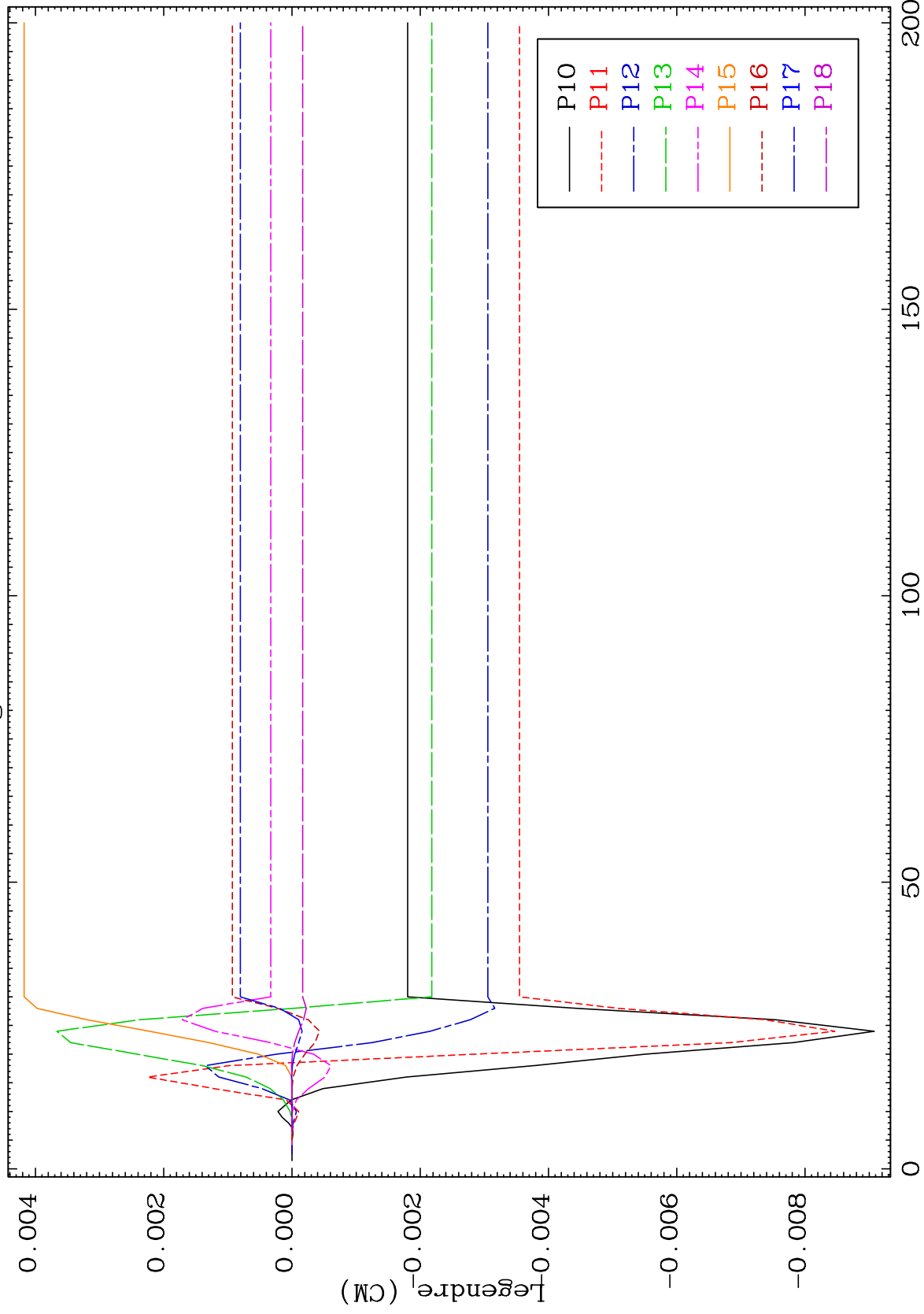
Incident Energy (MeV)

43

MAT 5807

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

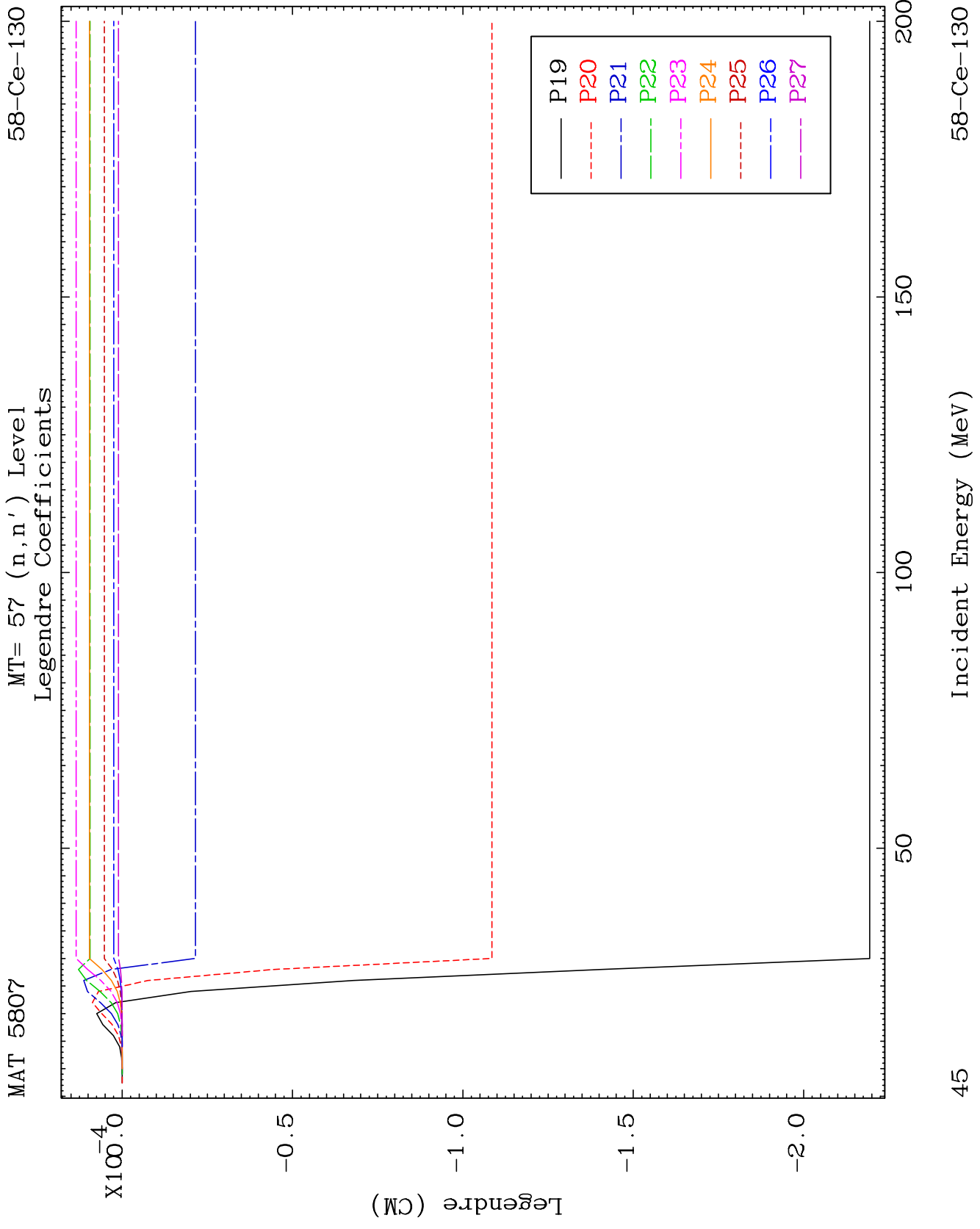
58-Ce-130



44

Incident Energy (MeV)

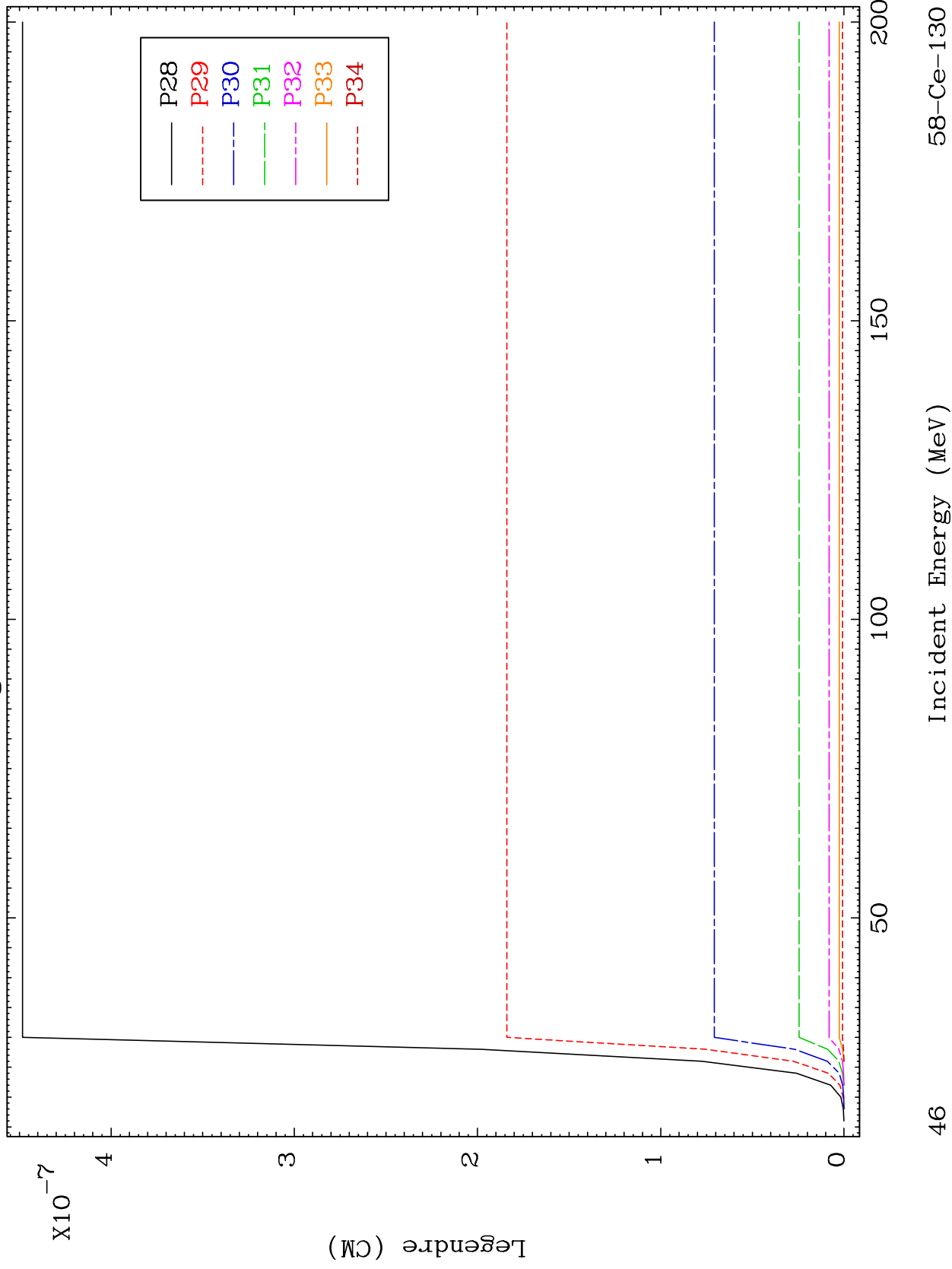
58-Ce-130



MAT 5807

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

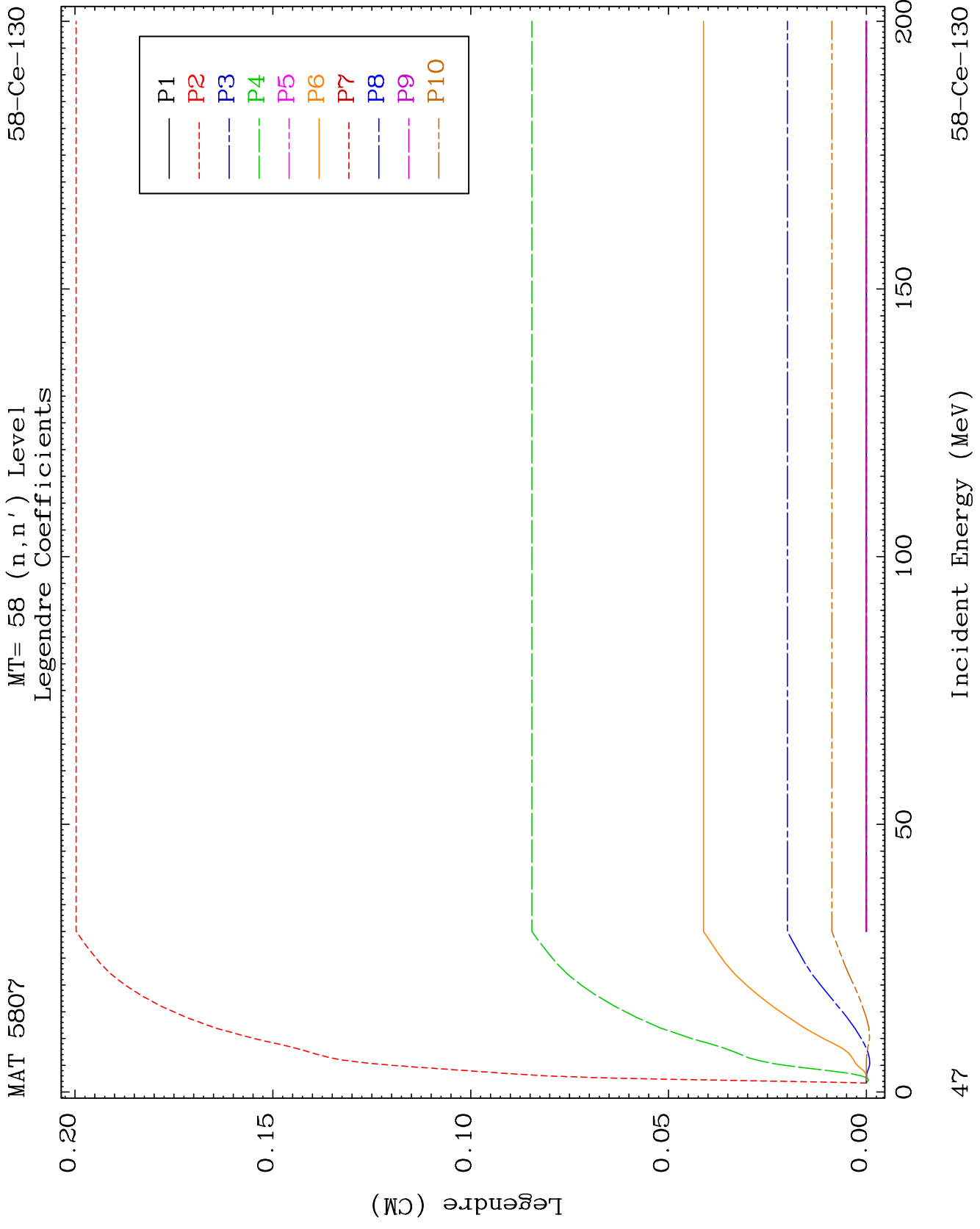
58-Ce-130



46

Incident Energy (MeV)

58-Ce-130



58-Ce-130

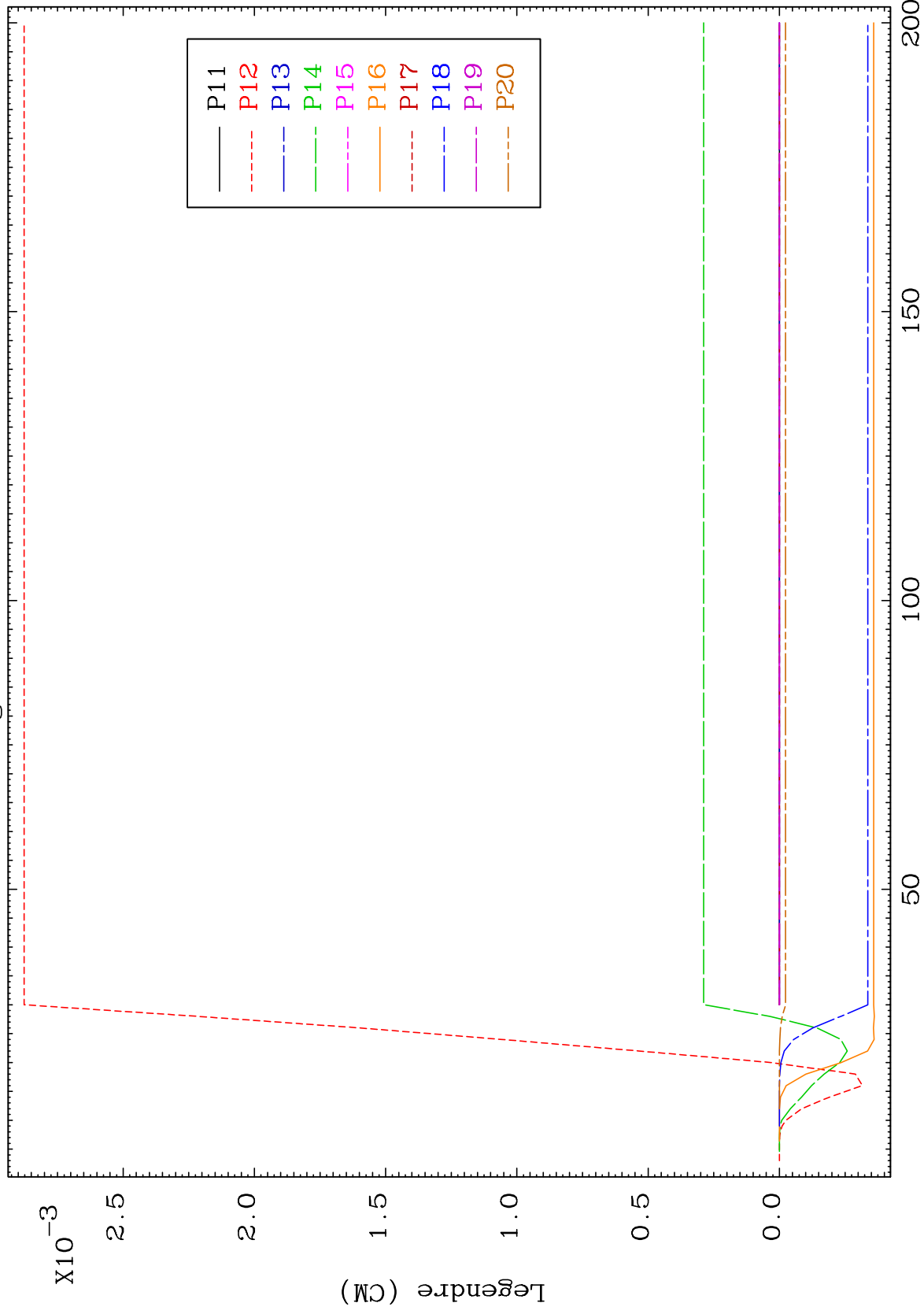
Incident Energy (MeV)

47

MAT 5807

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

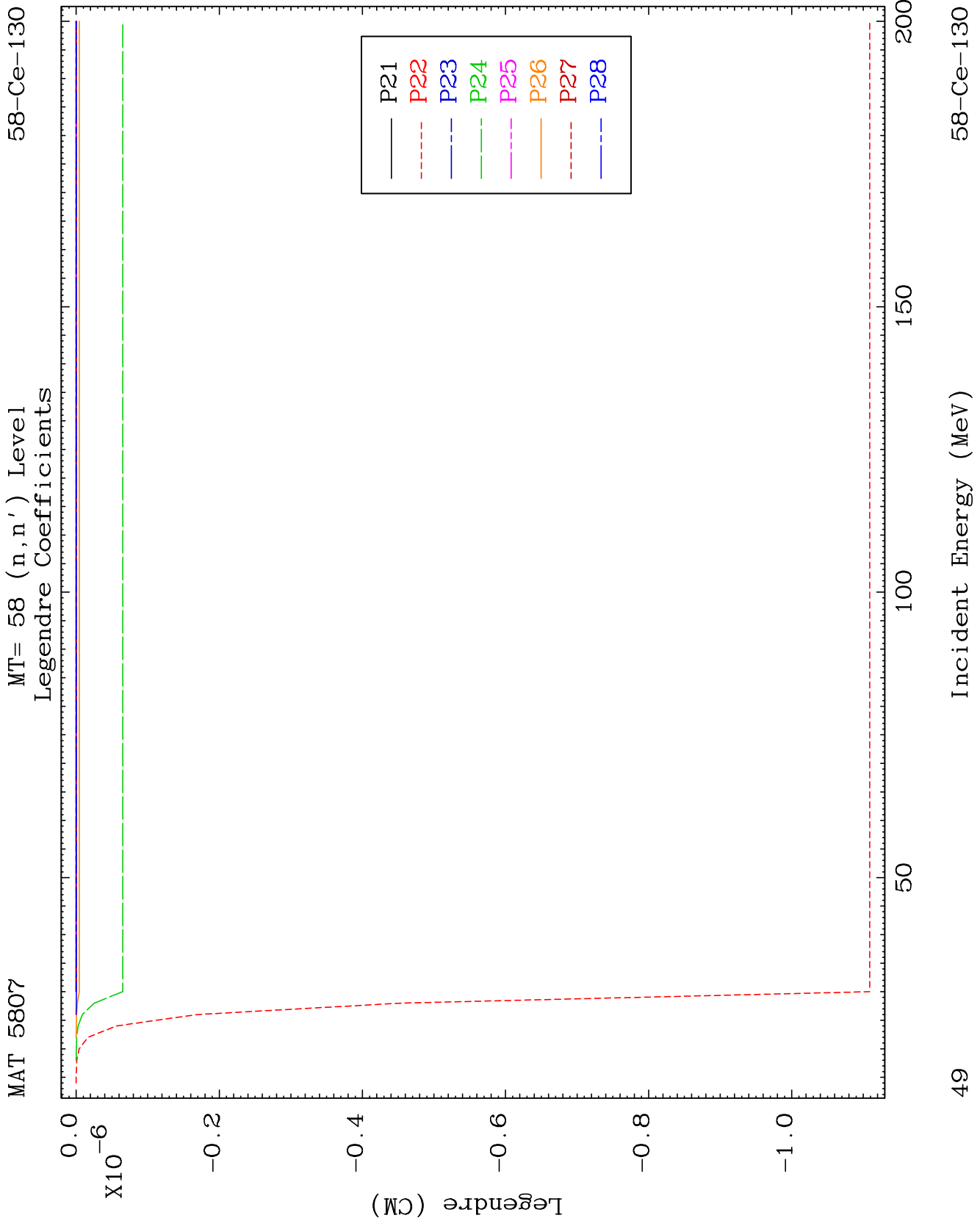
58-Ce-130



48

Incident Energy (MeV)

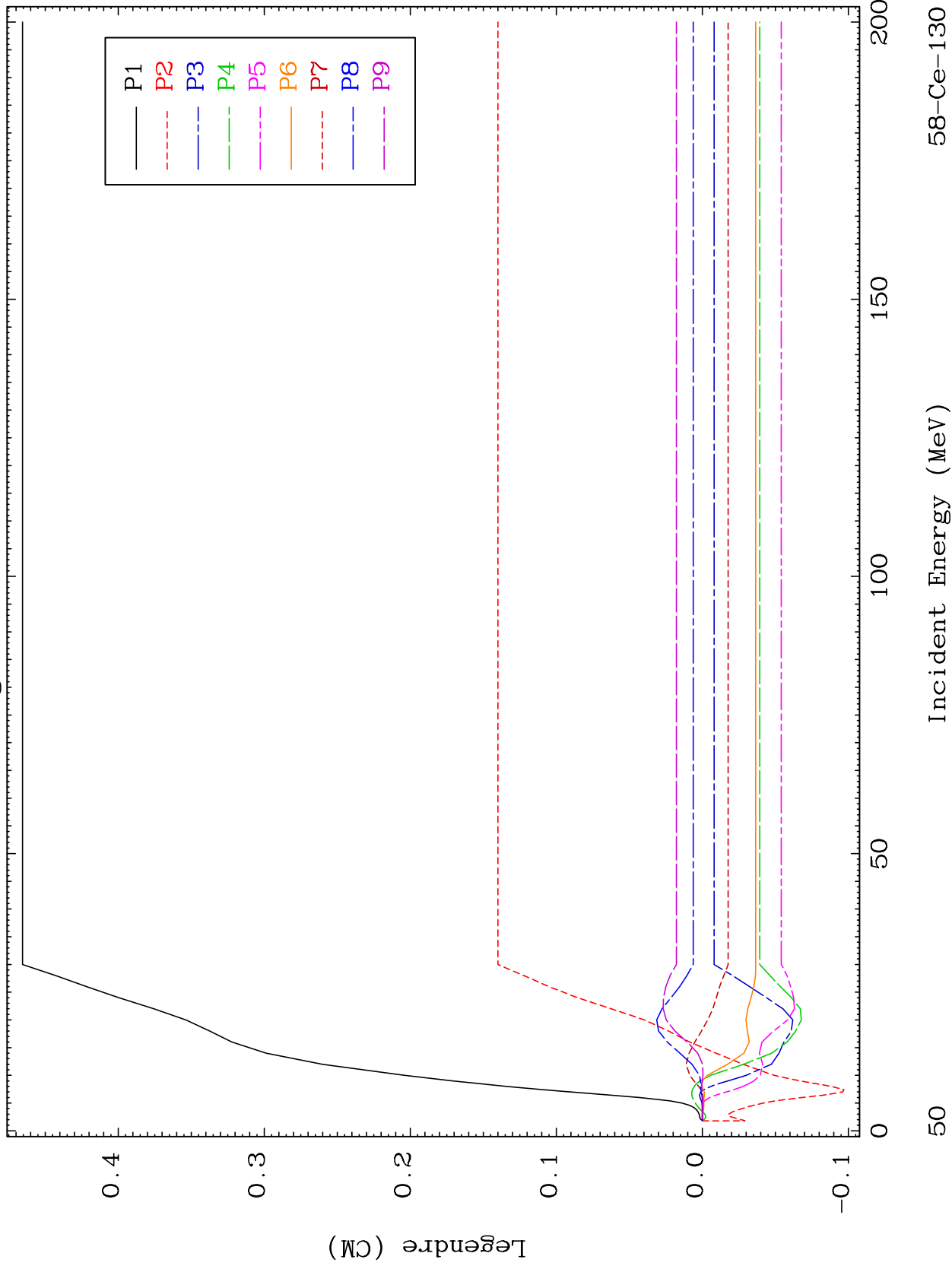
58-Ce-130



MAT 5807

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

58-Ce-130



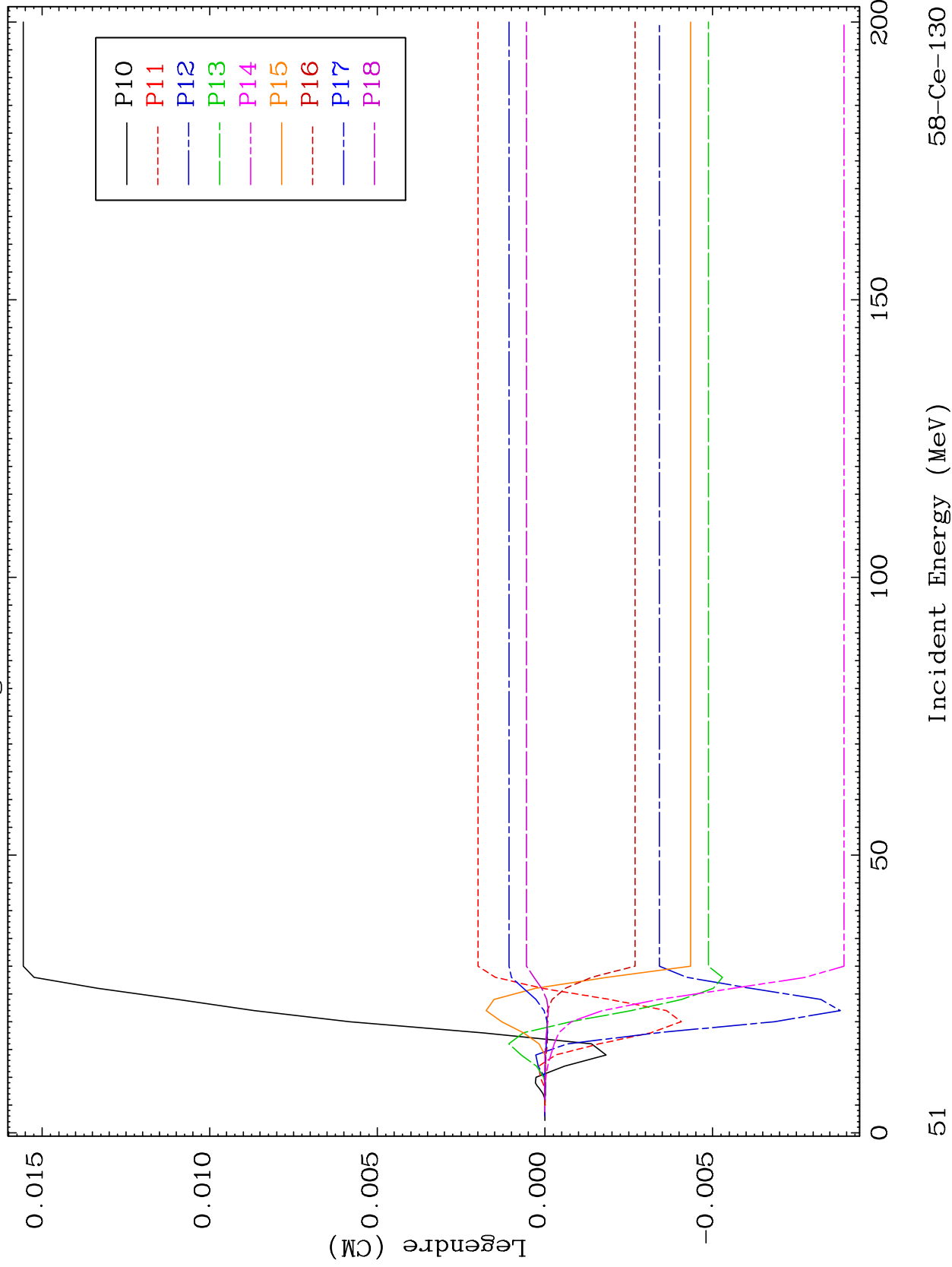
58-Ce-130

Incident Energy (MeV)

MAT 5807

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

58-Ce-130



58-Ce-130

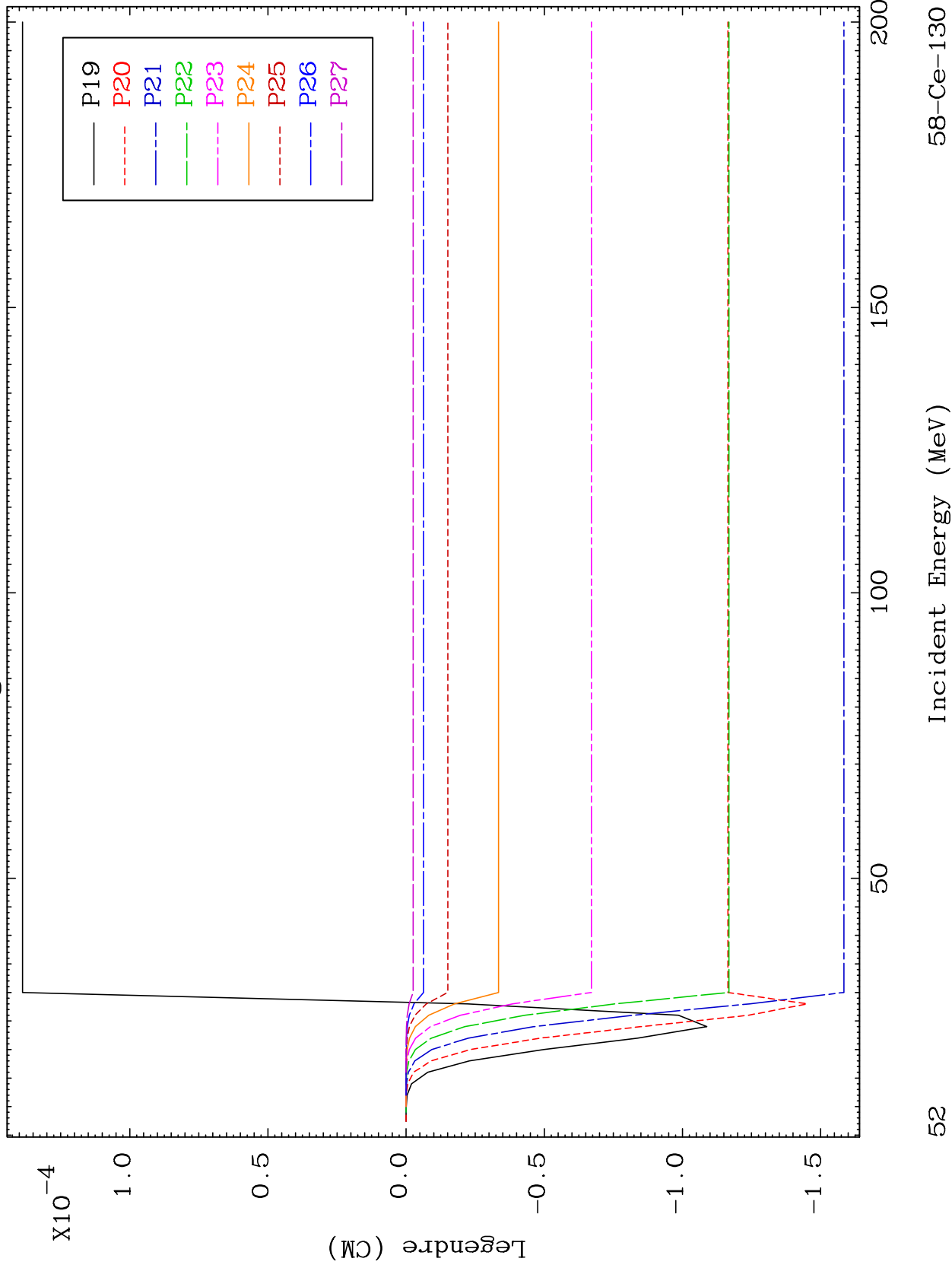
Incident Energy (MeV)

51

MAT 5807

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

58-Ce-130



52

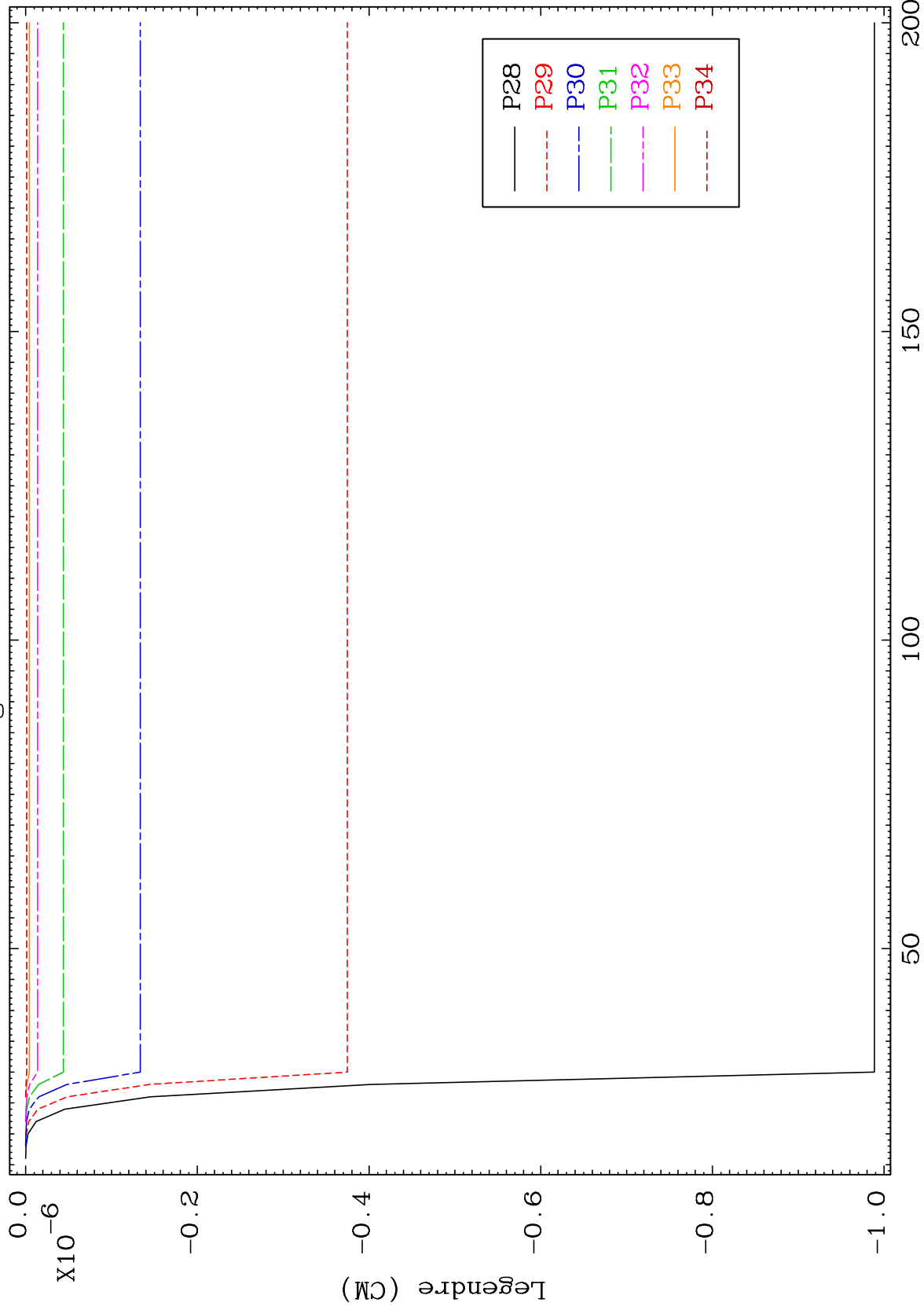
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



53

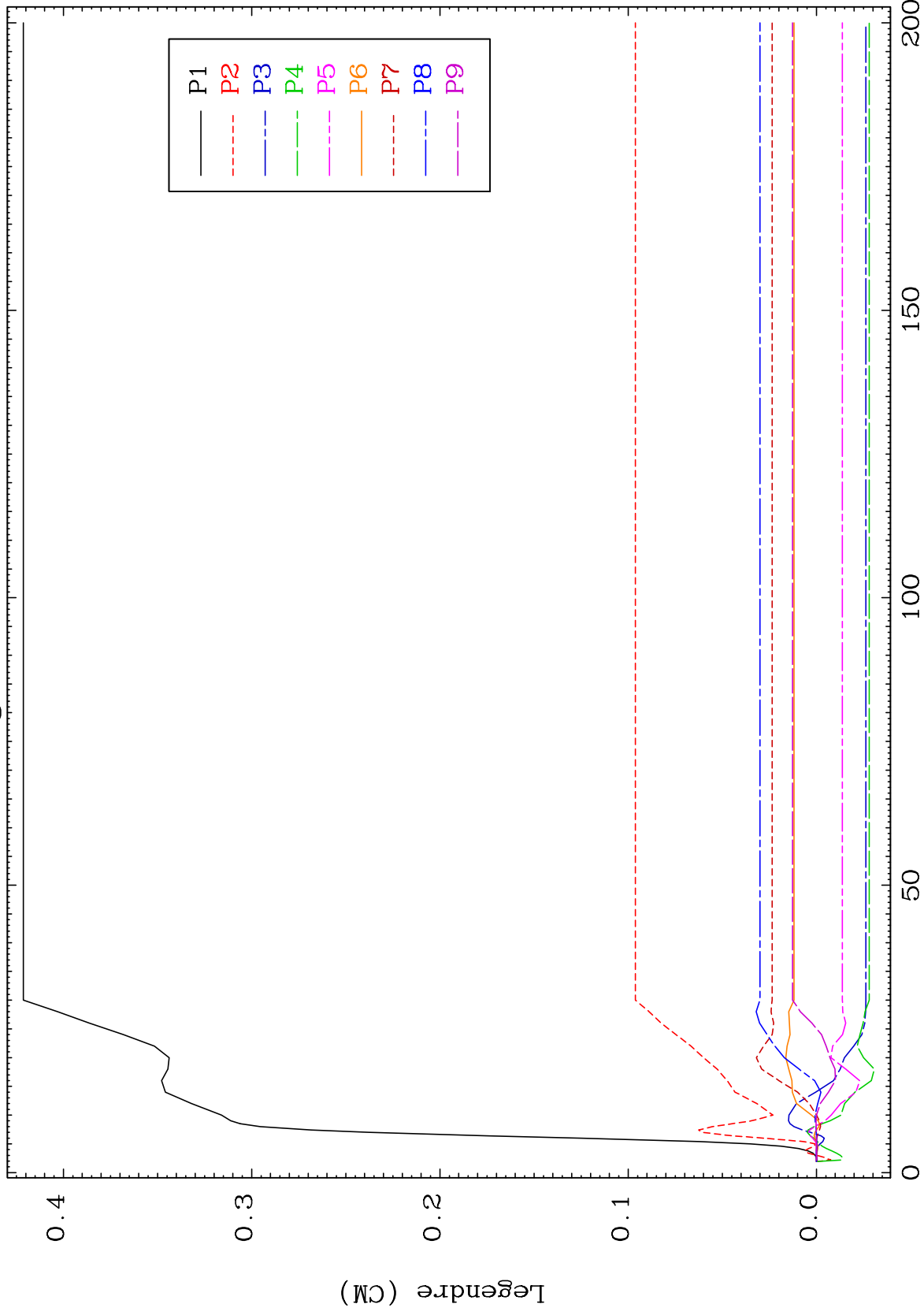
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

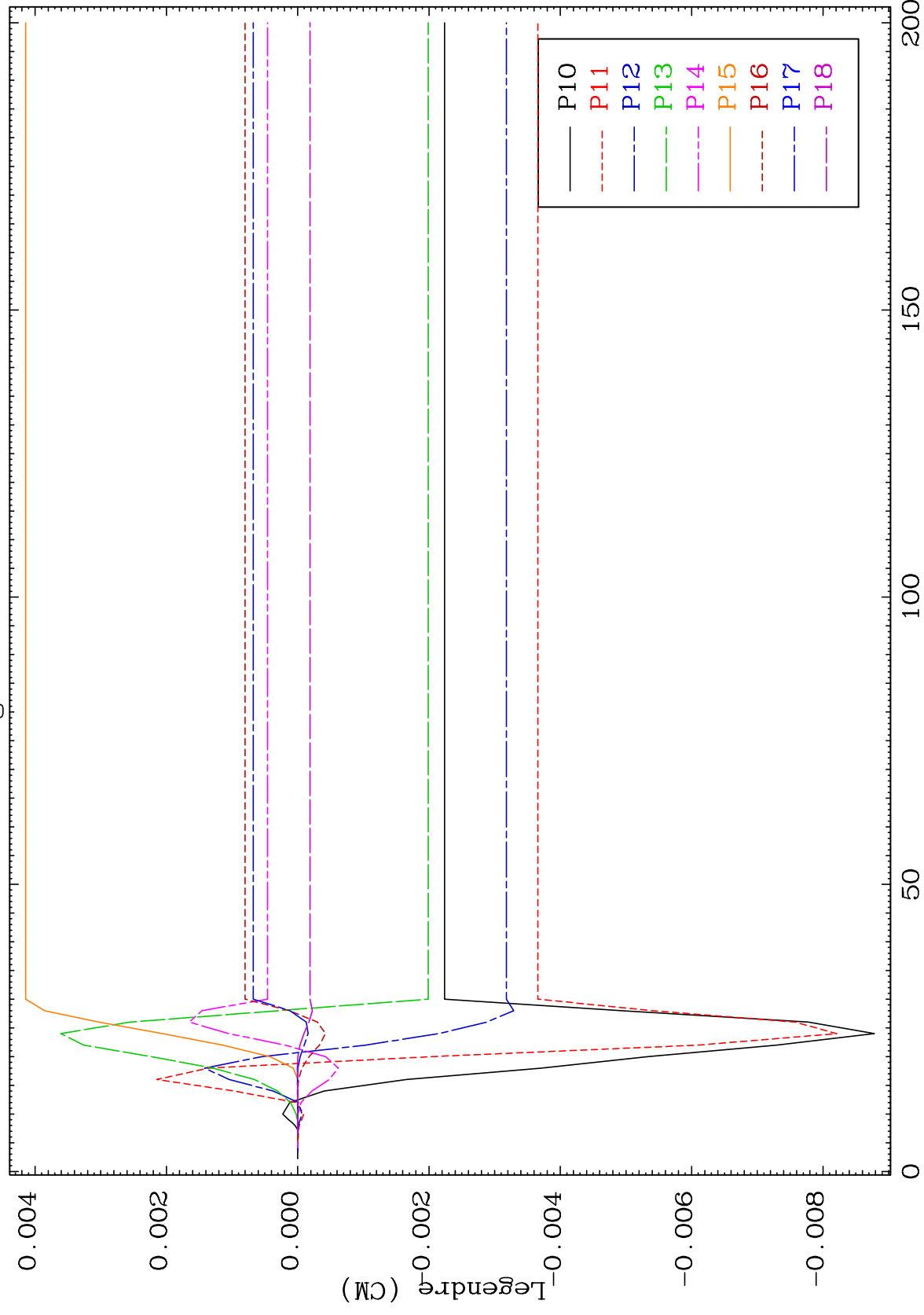
Incident Energy (MeV)

54

MAT 5807

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

58-Ce-130



55

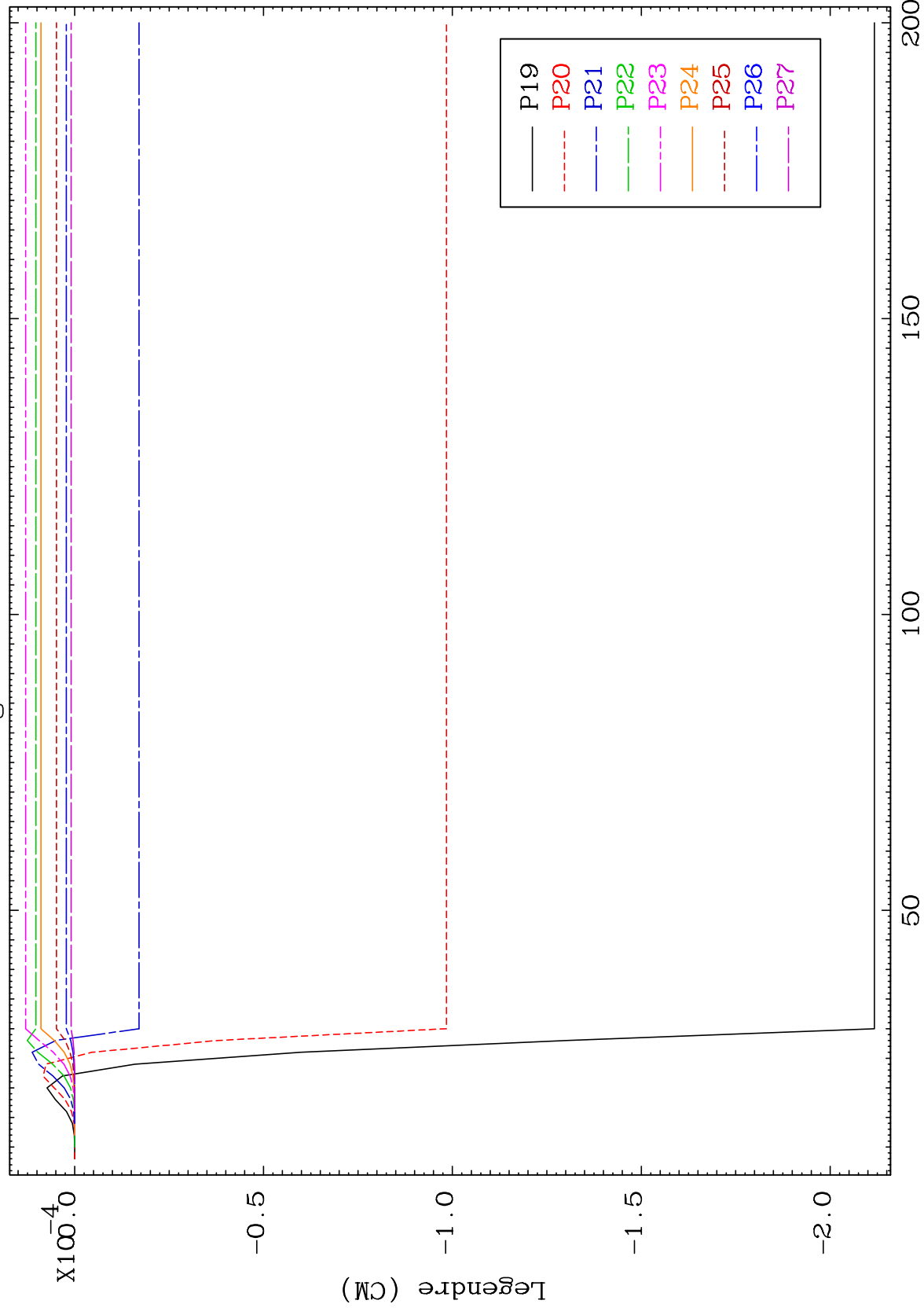
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



56

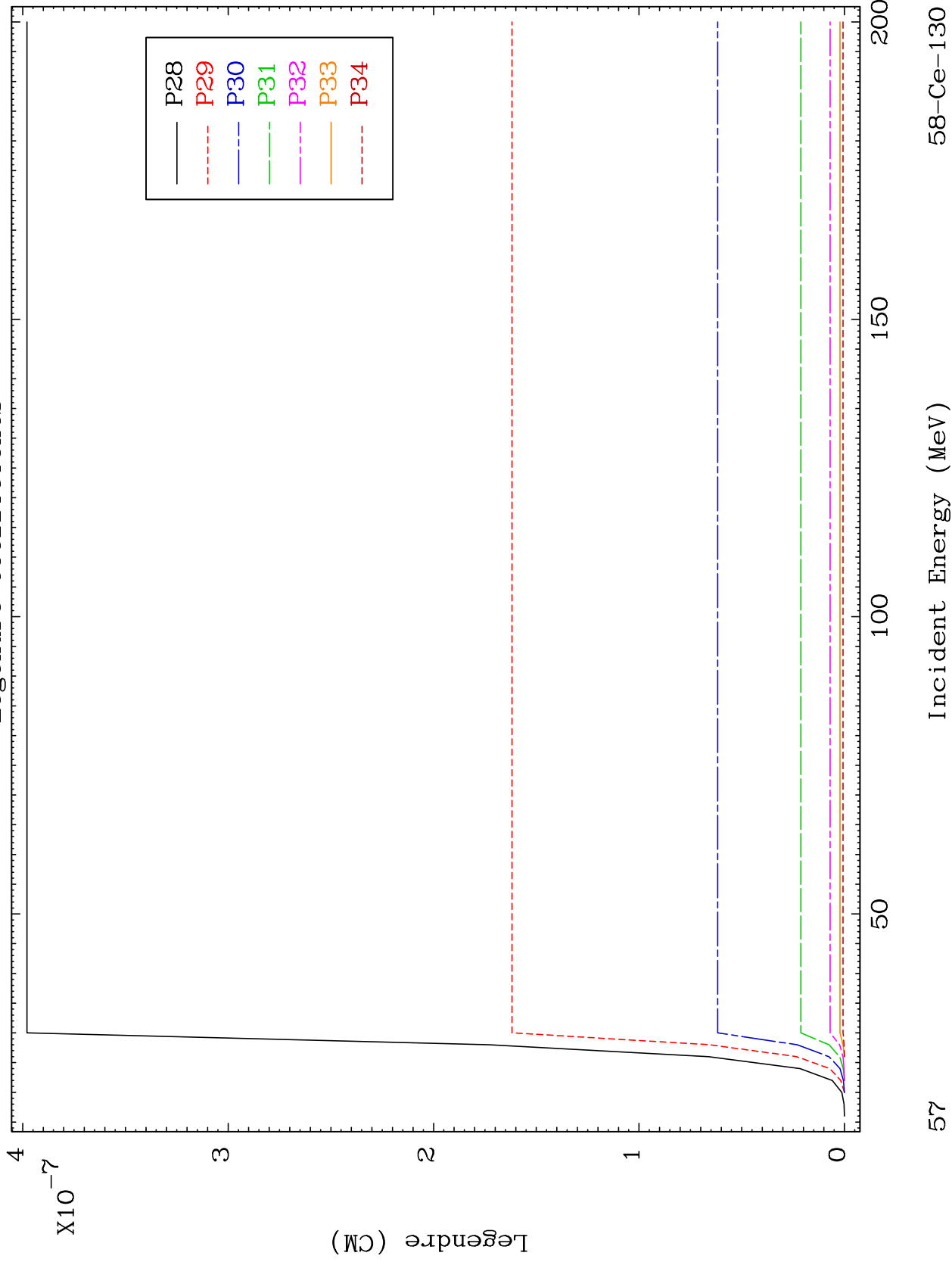
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



57

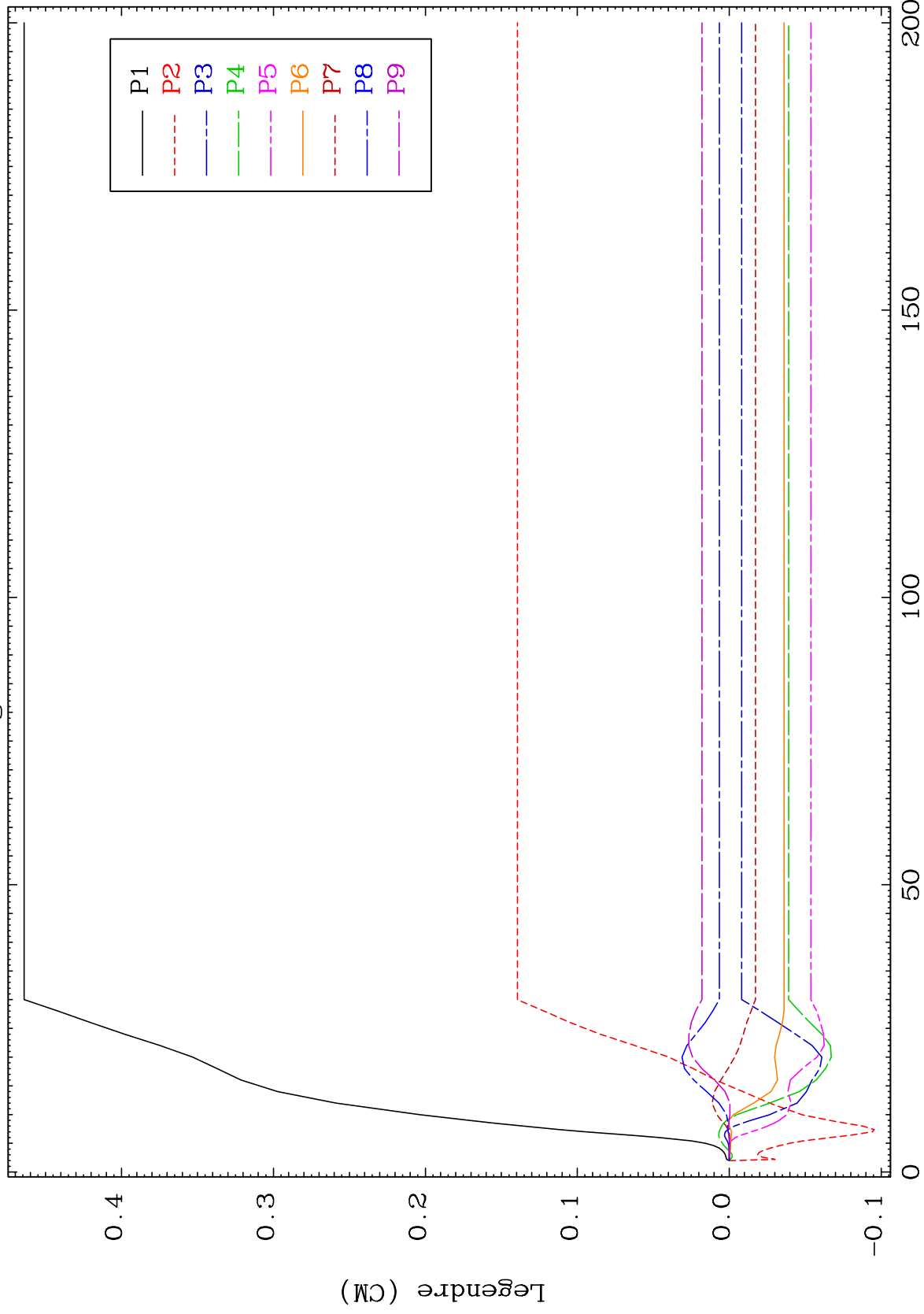
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

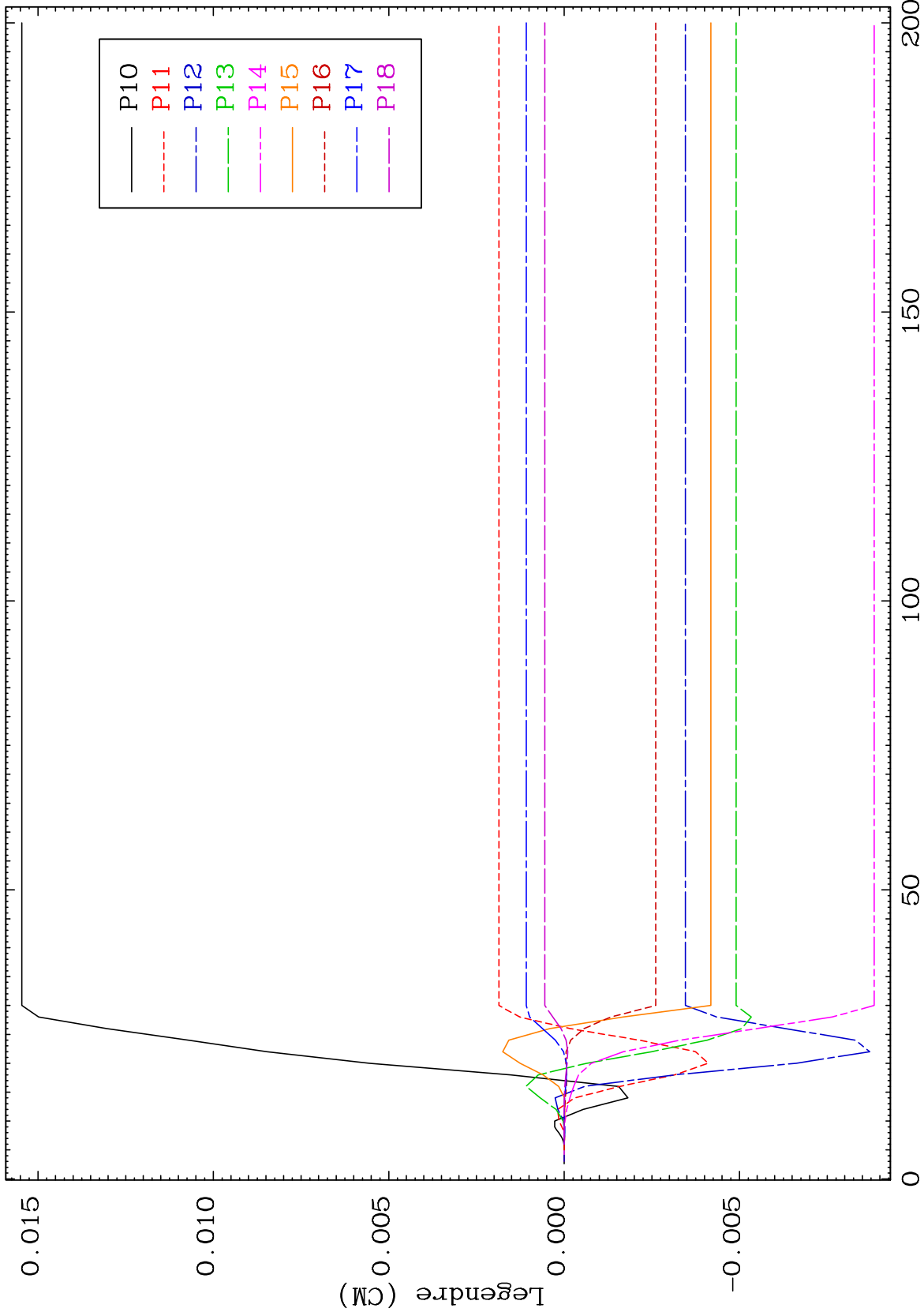
Incident Energy (MeV)

58

MAT 5807

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

58-Ce-130



59

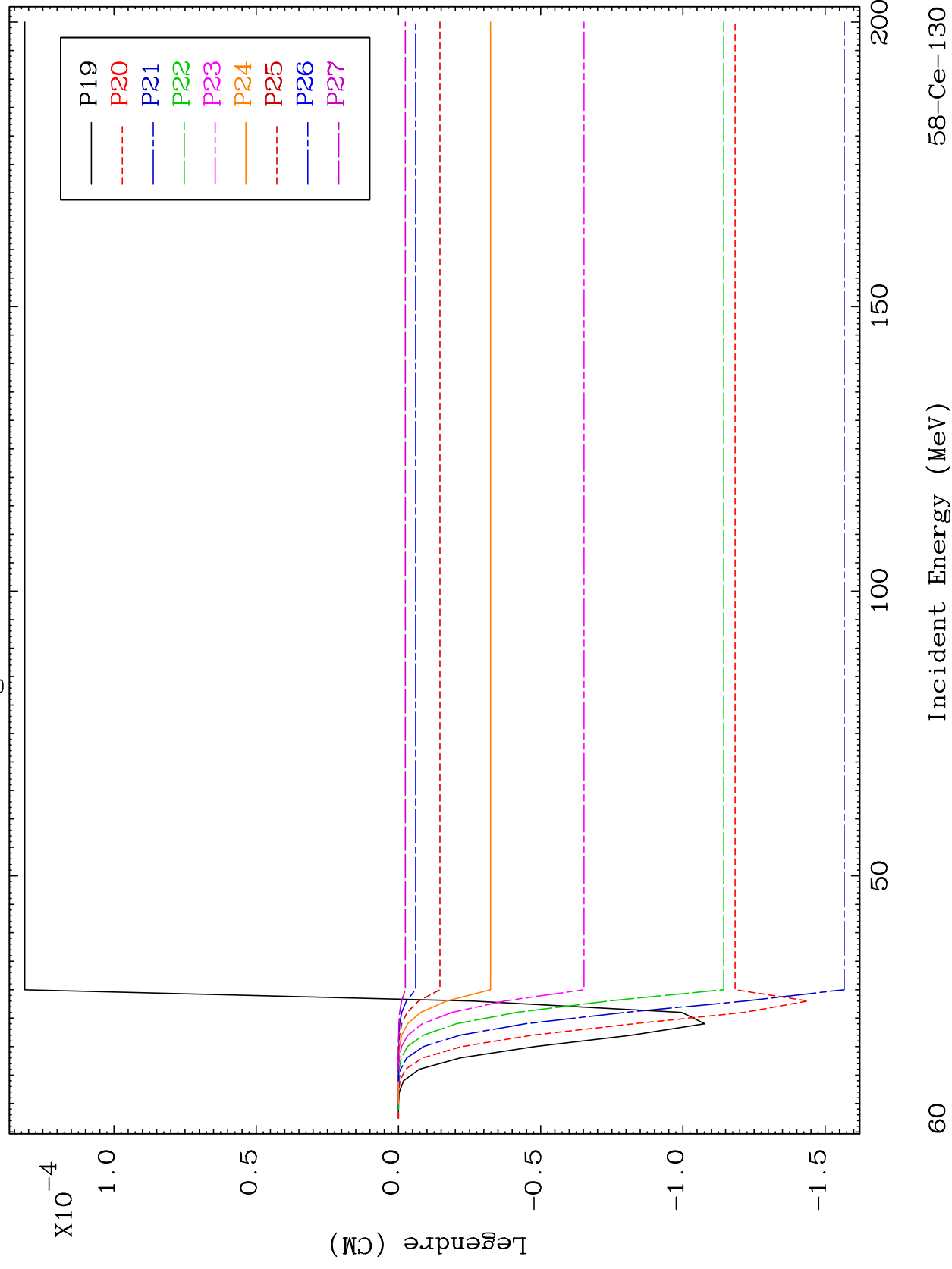
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

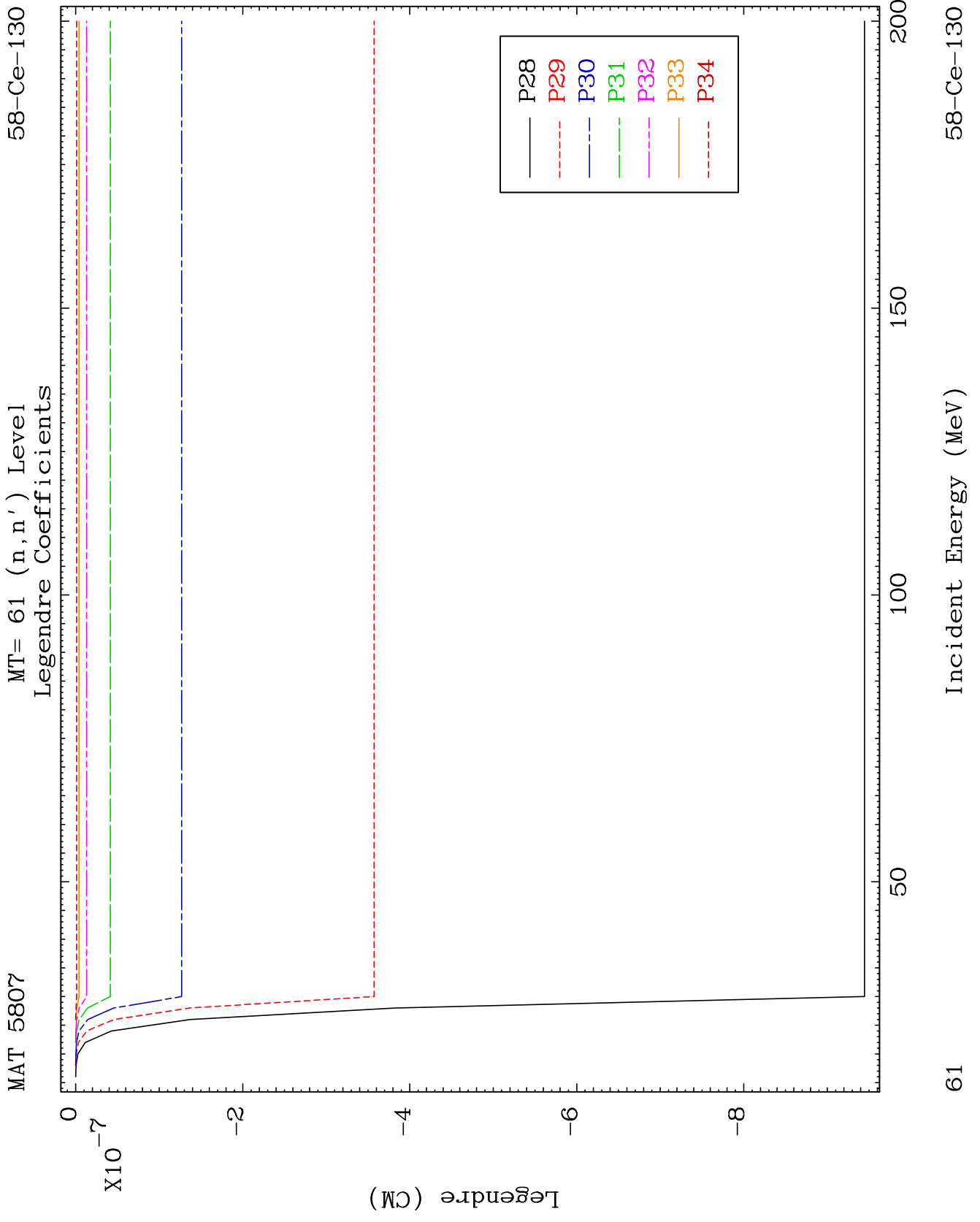
58-Ce-130



58-Ce-130

Incident Energy (MeV)

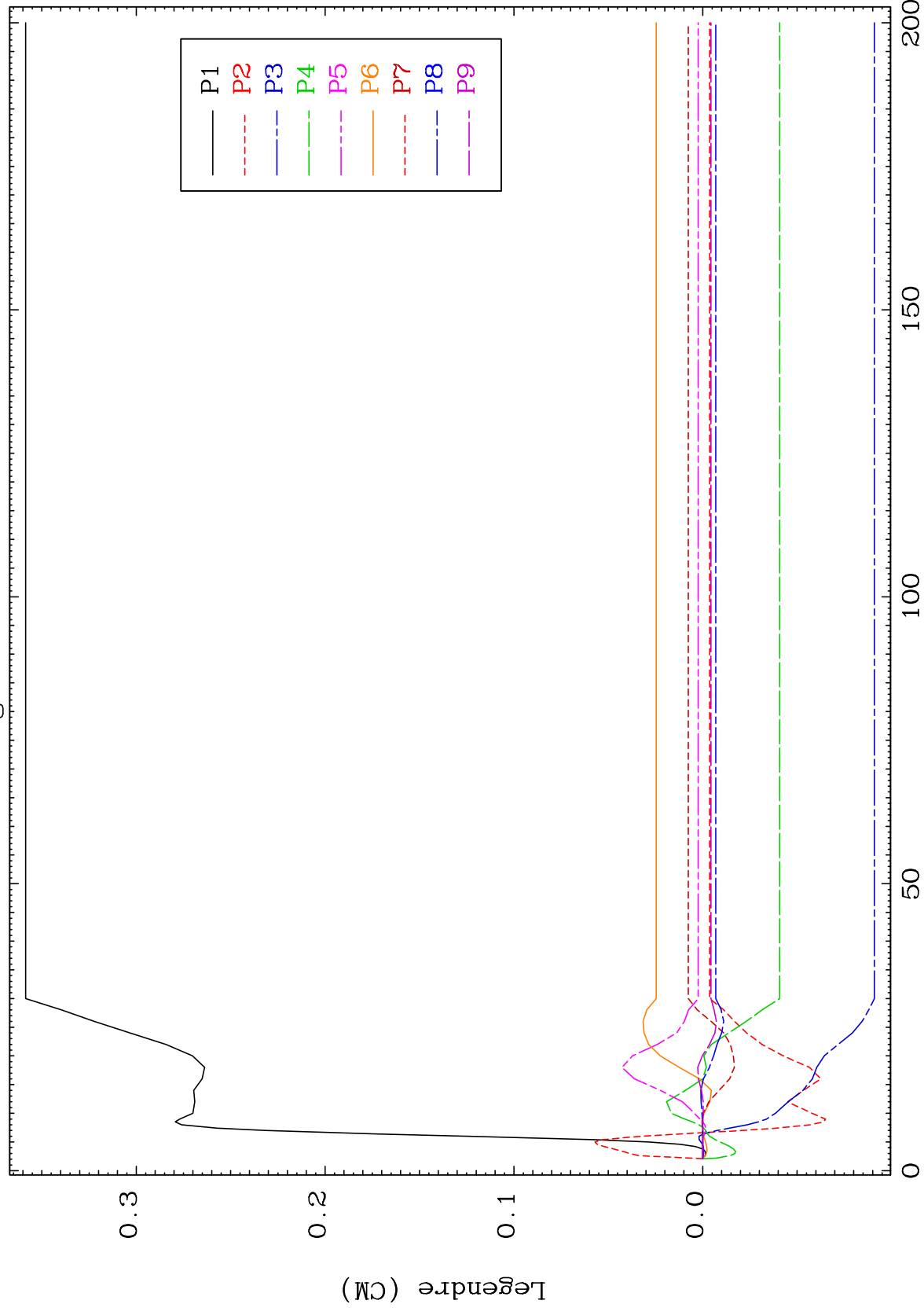
60



MAT 5807

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

58-Ce-130



62

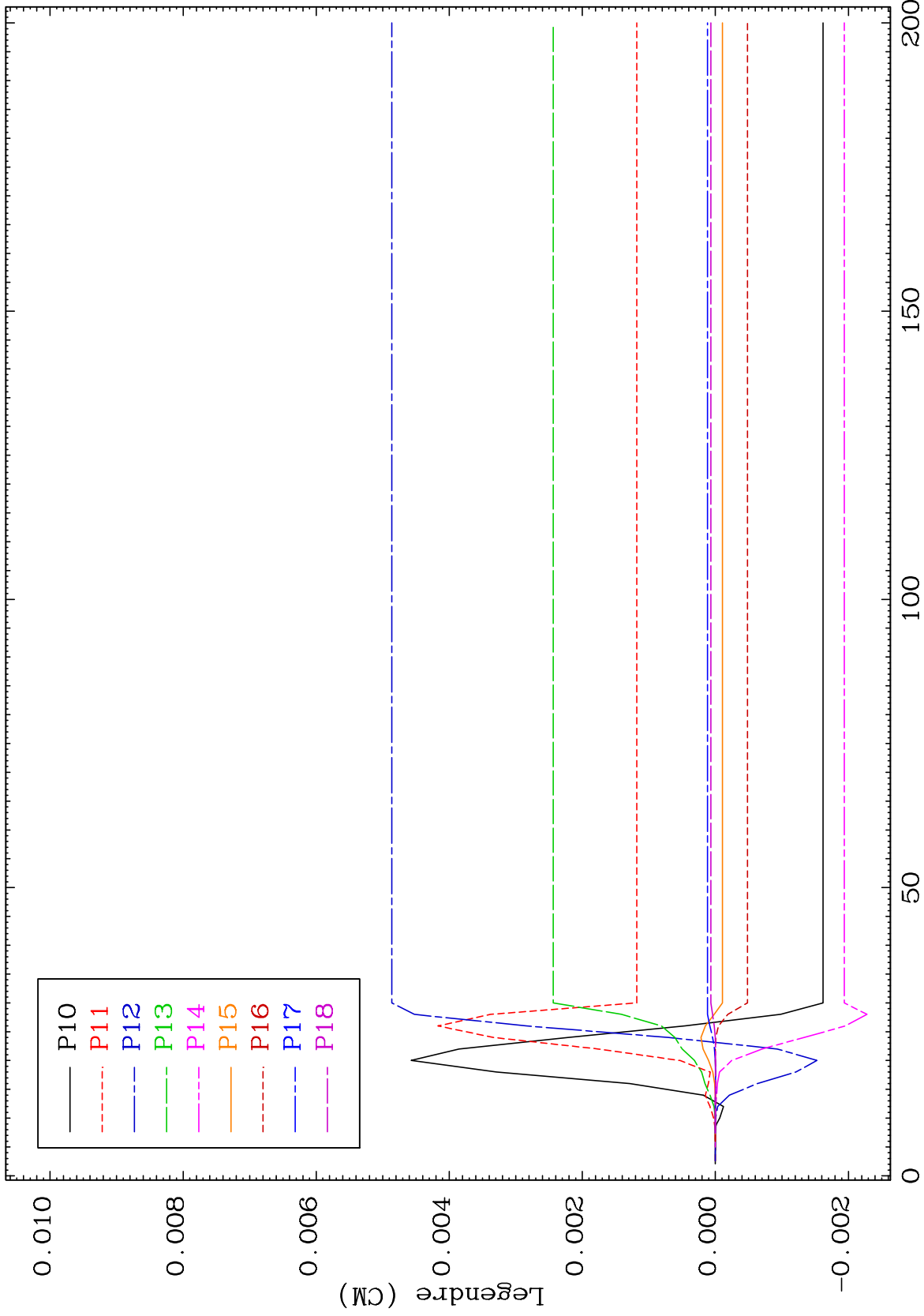
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



63

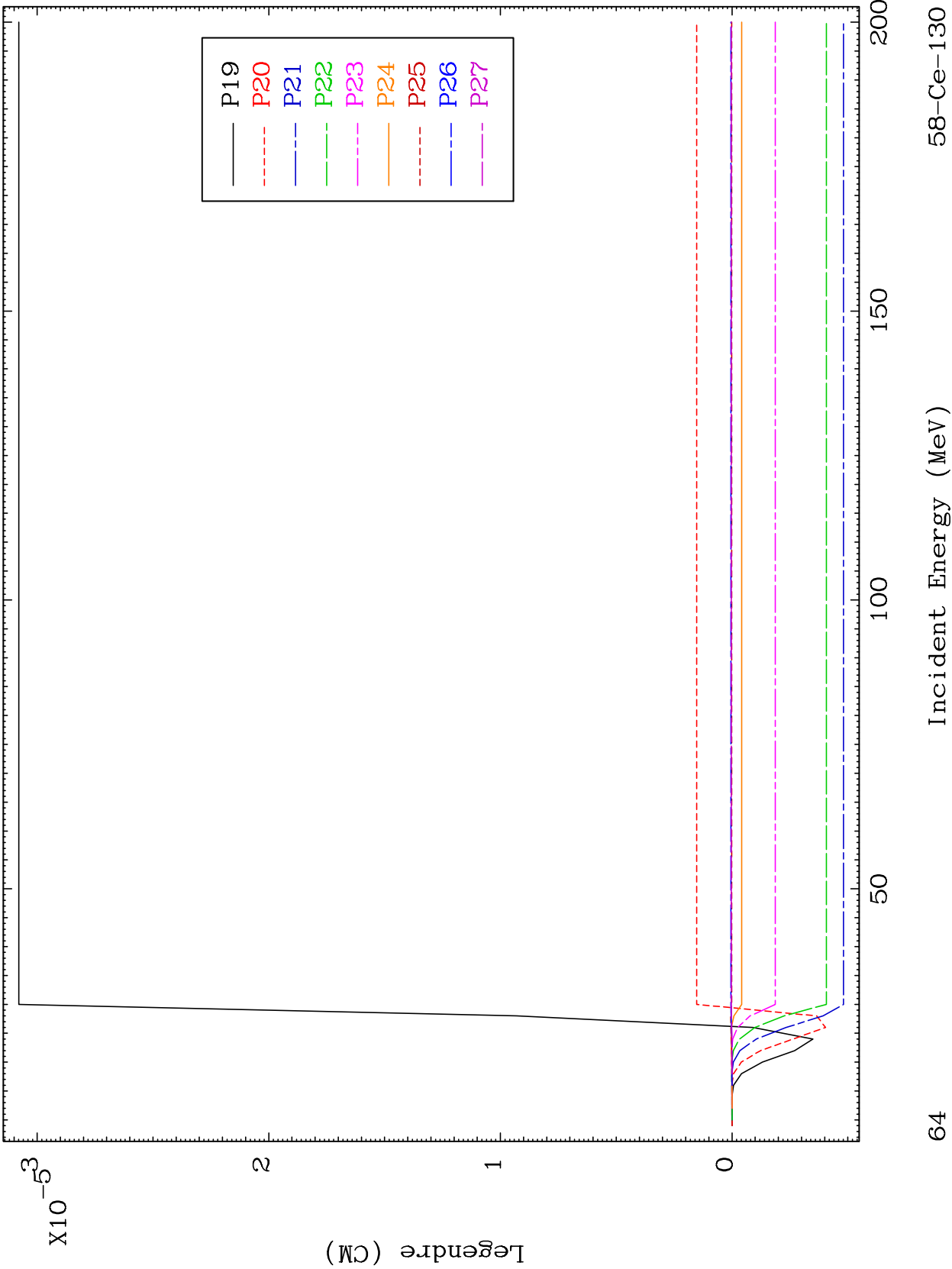
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

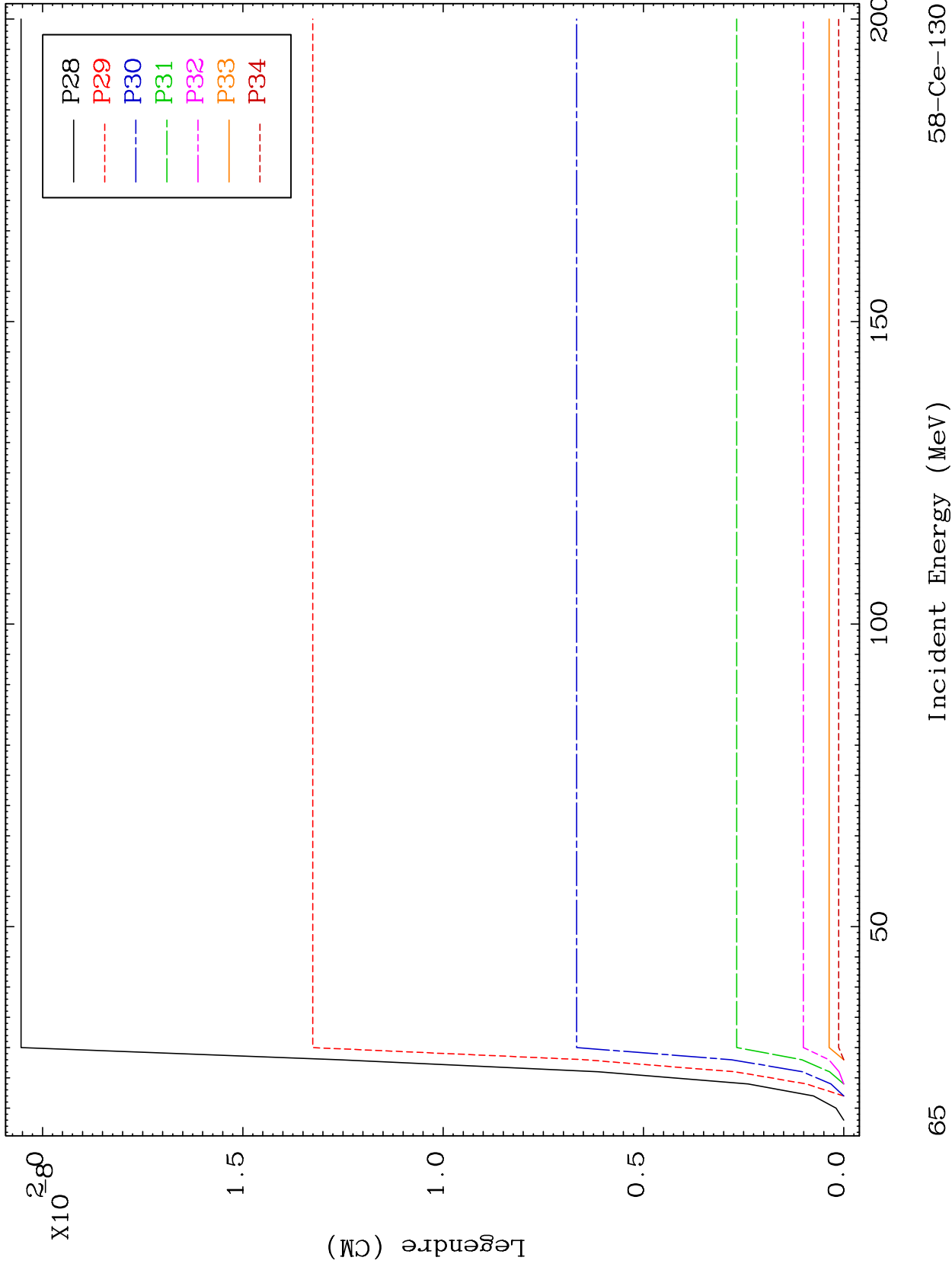


64

MAT 5807

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

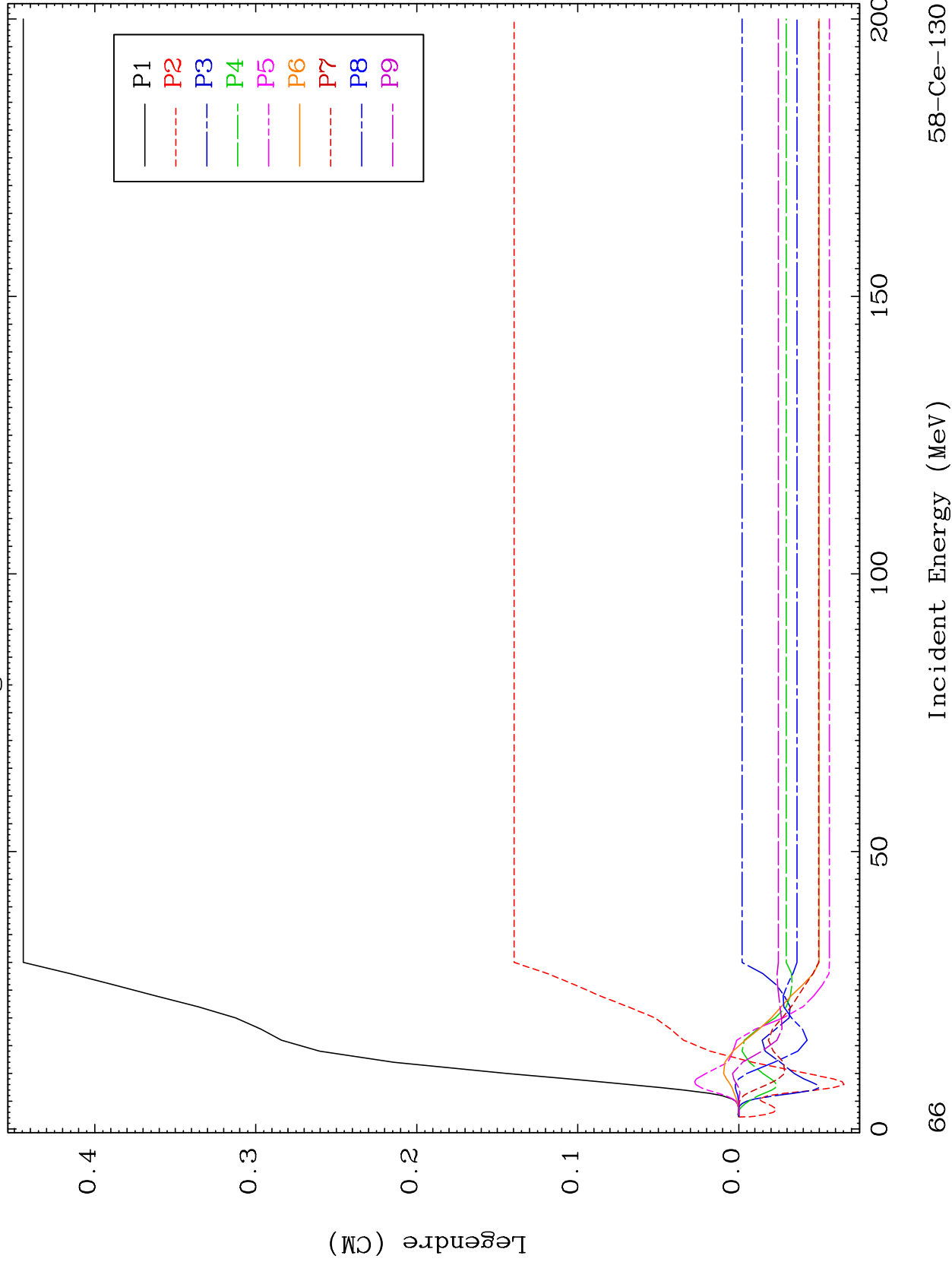
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

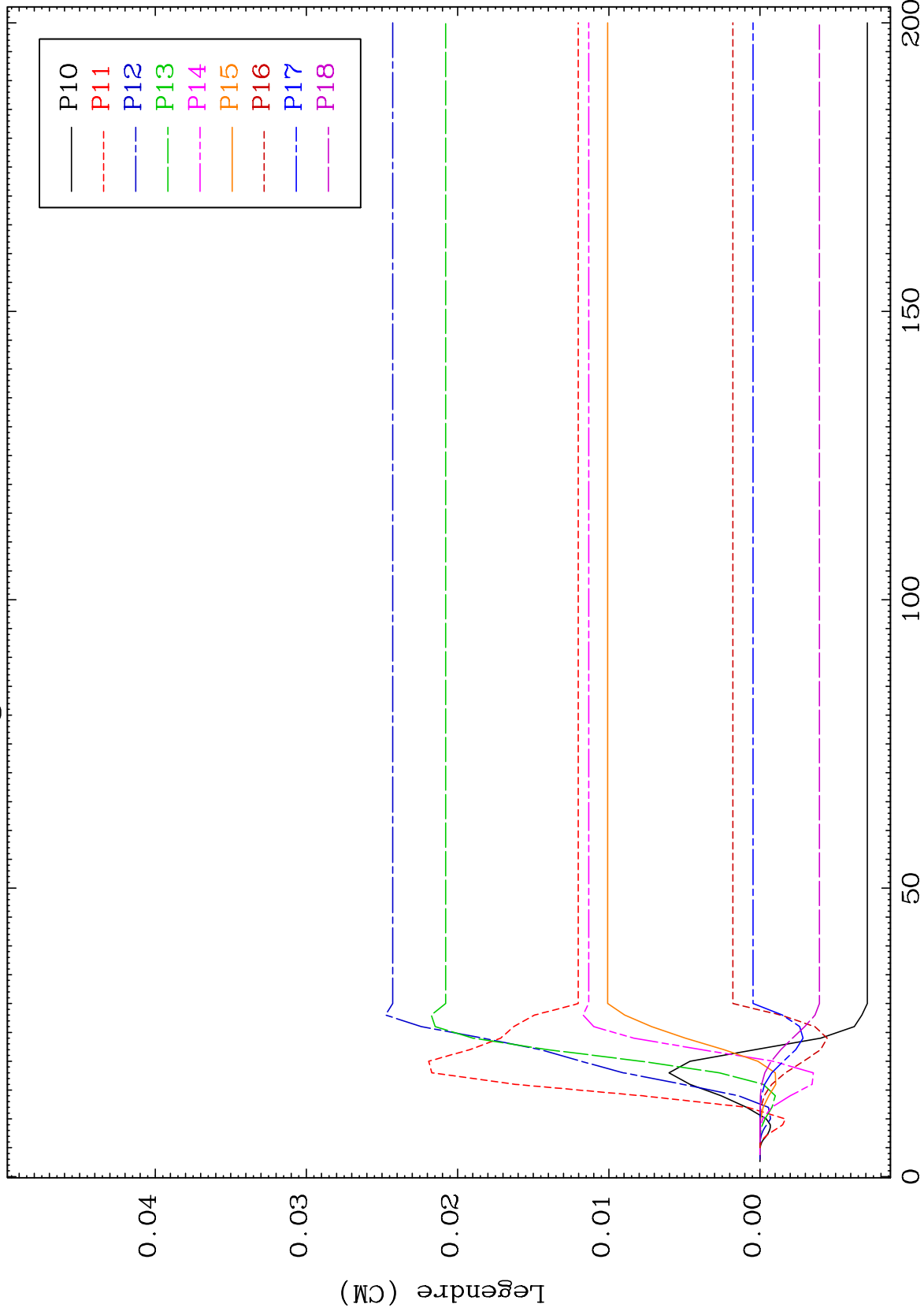
Incident Energy (MeV)

66

MAT 5807

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

58-Ce-130



67

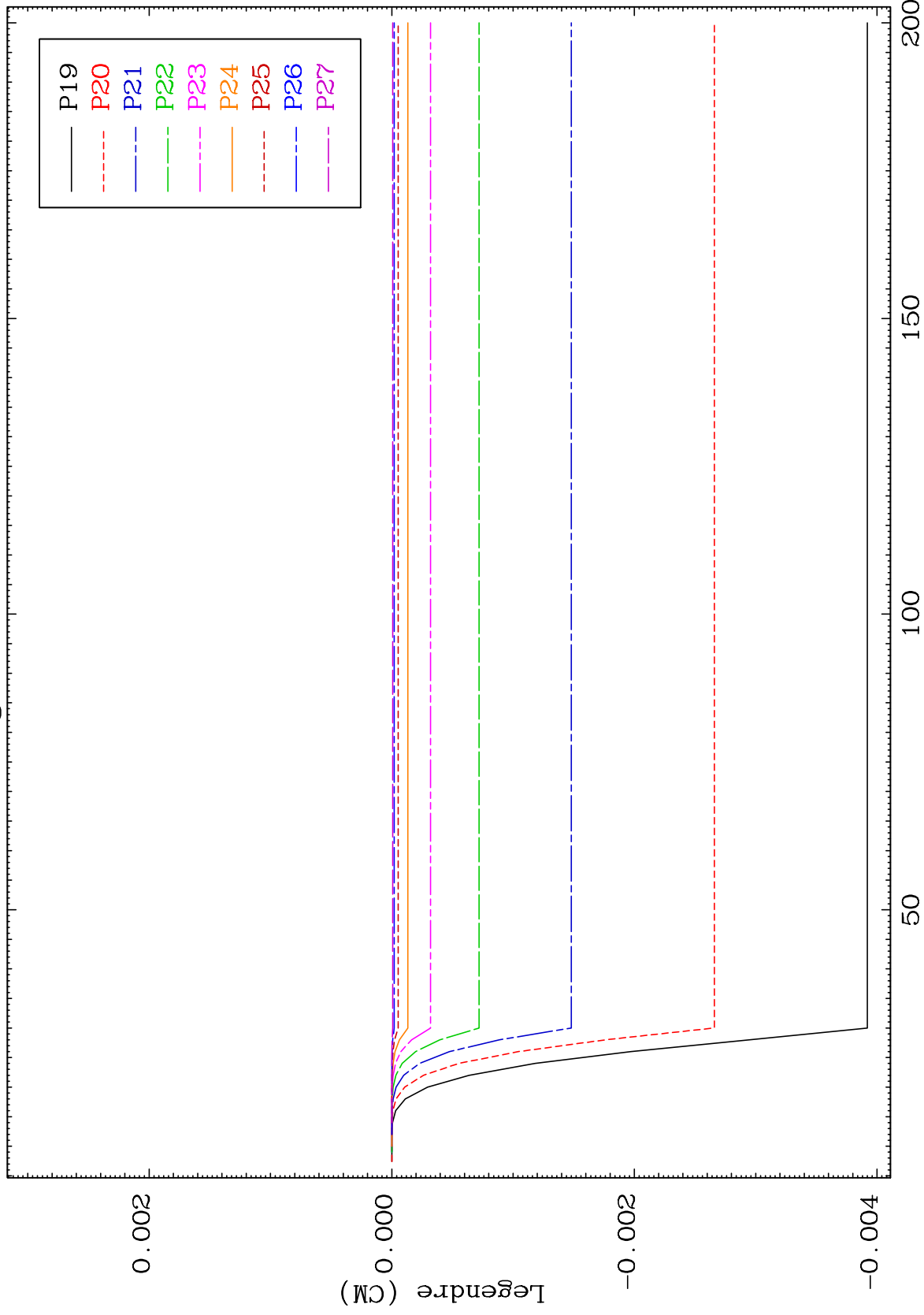
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

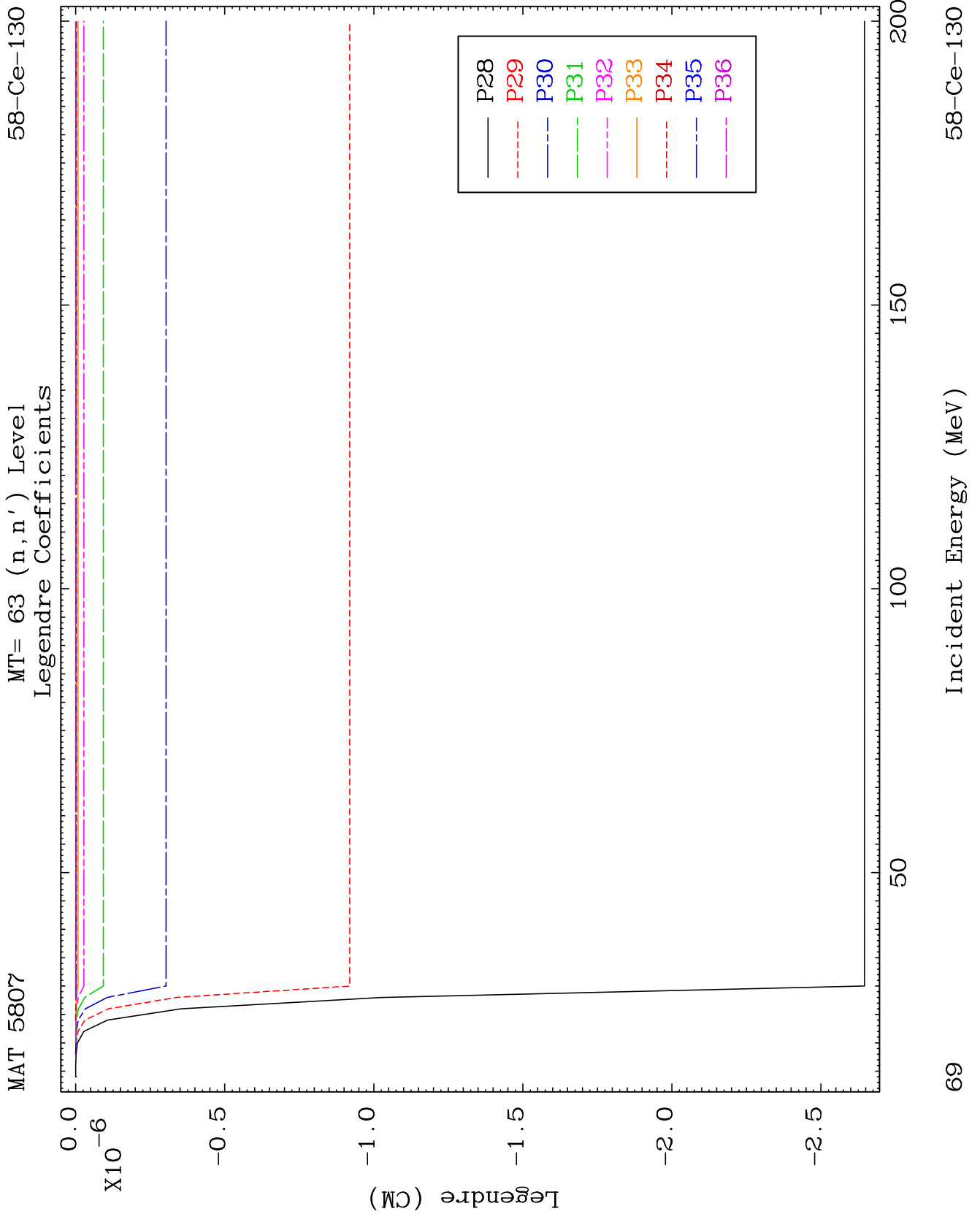
58-Ce-130



68

Incident Energy (MeV)

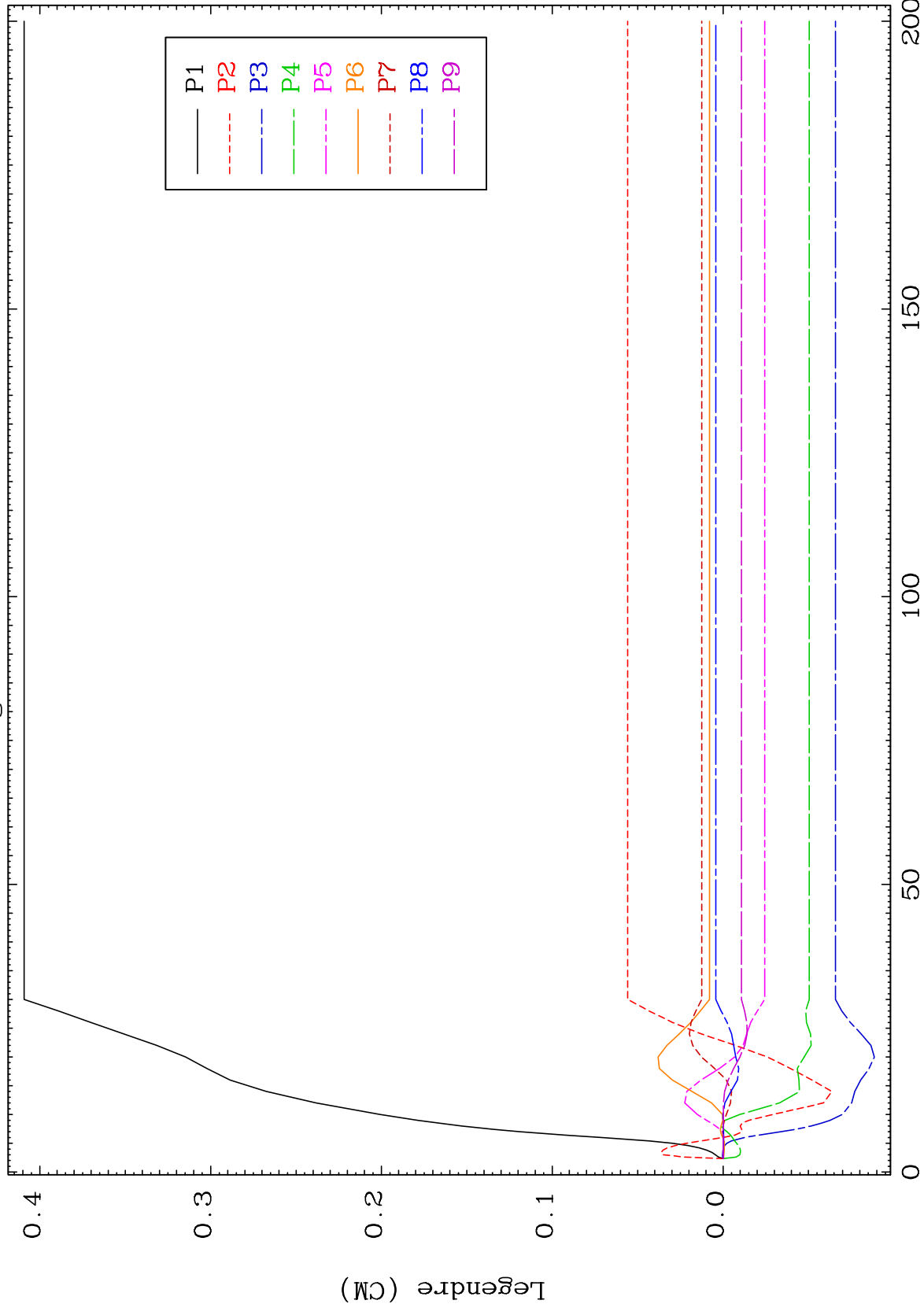
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

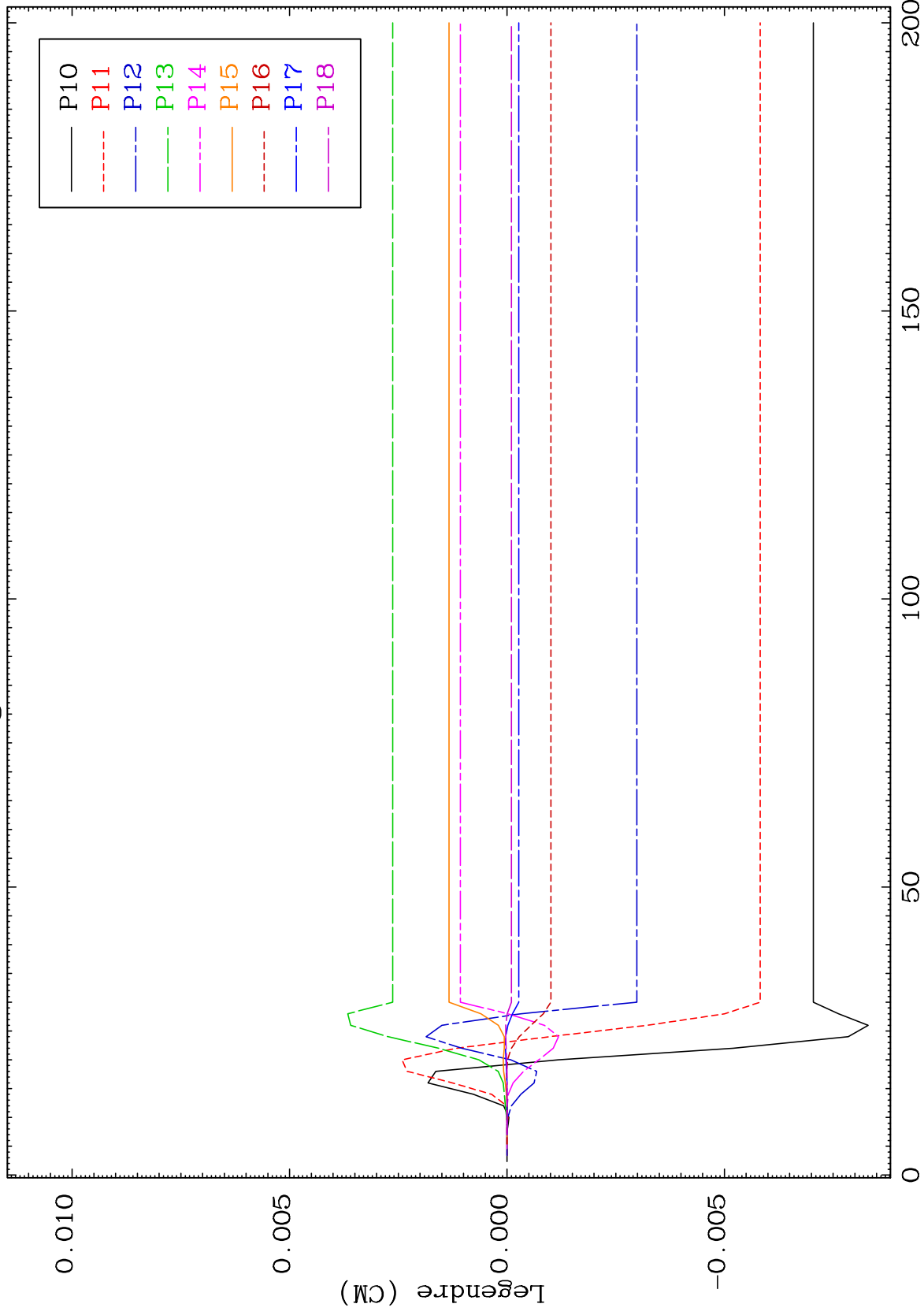
Incident Energy (MeV)

70

MAT 5807

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

58-Ce-130

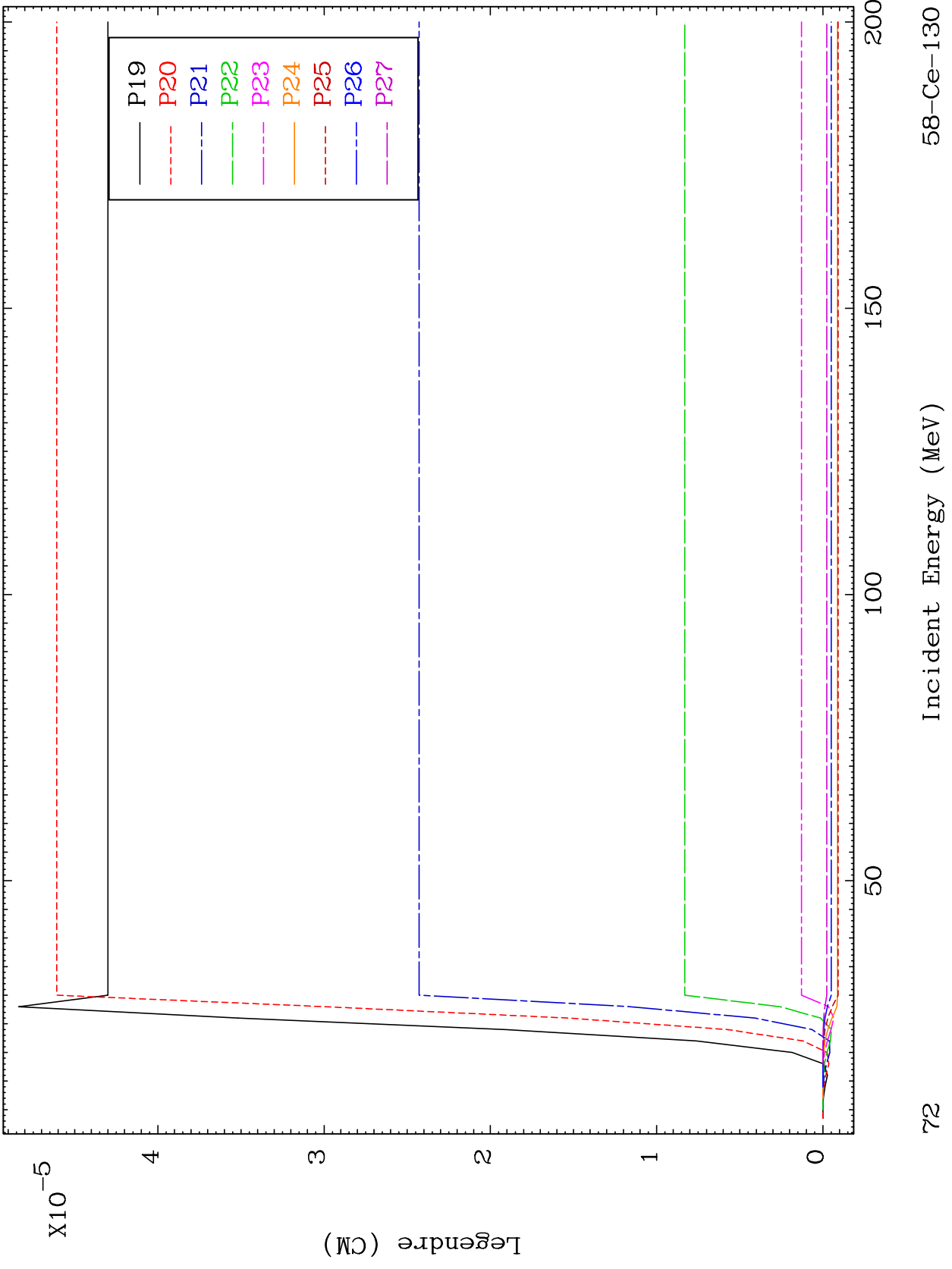


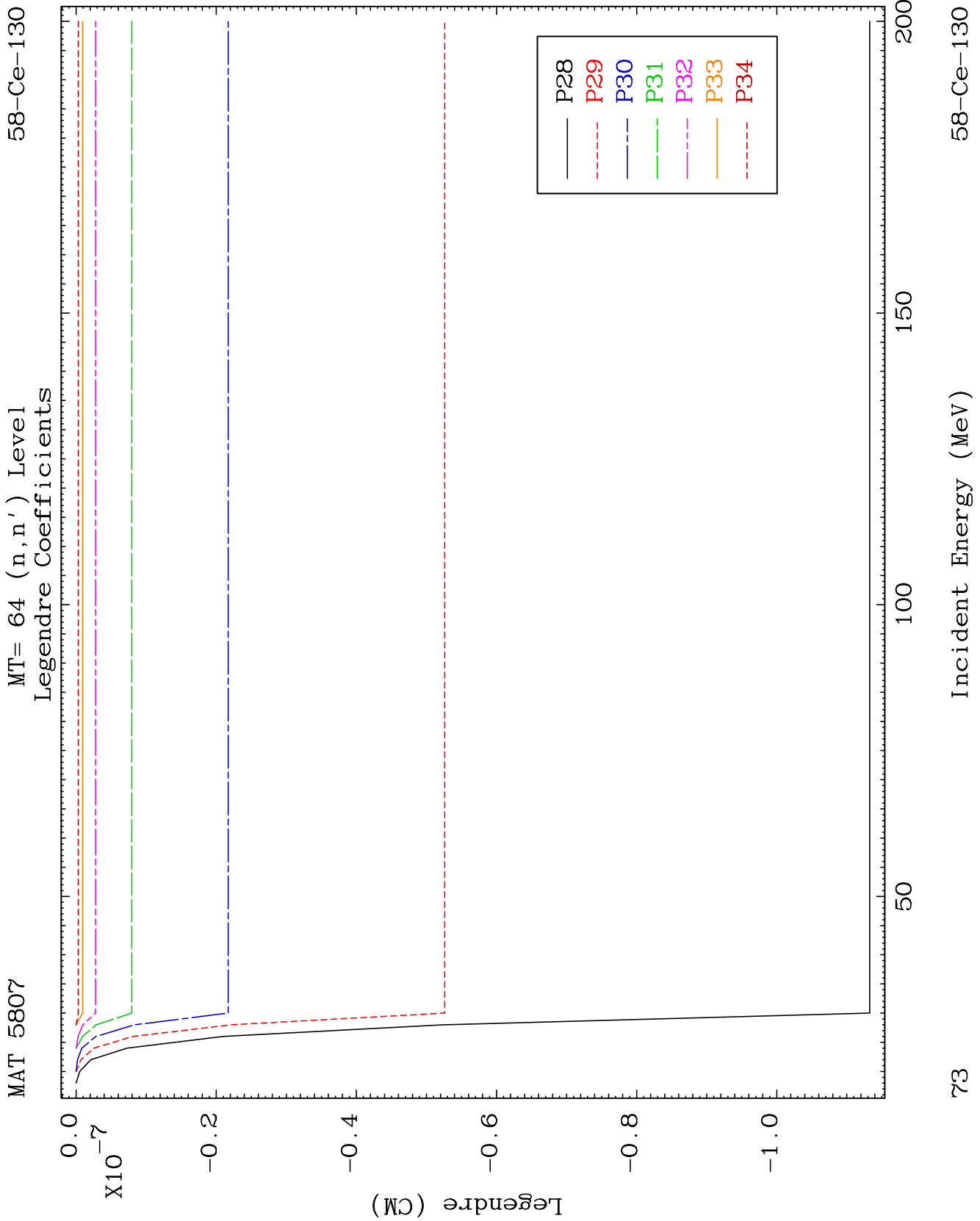
71

Incident Energy (MeV)

58-Ce-130

MAT 5807 MT= 64 (n,n') Level Legendre Coefficients 58-Ce-130

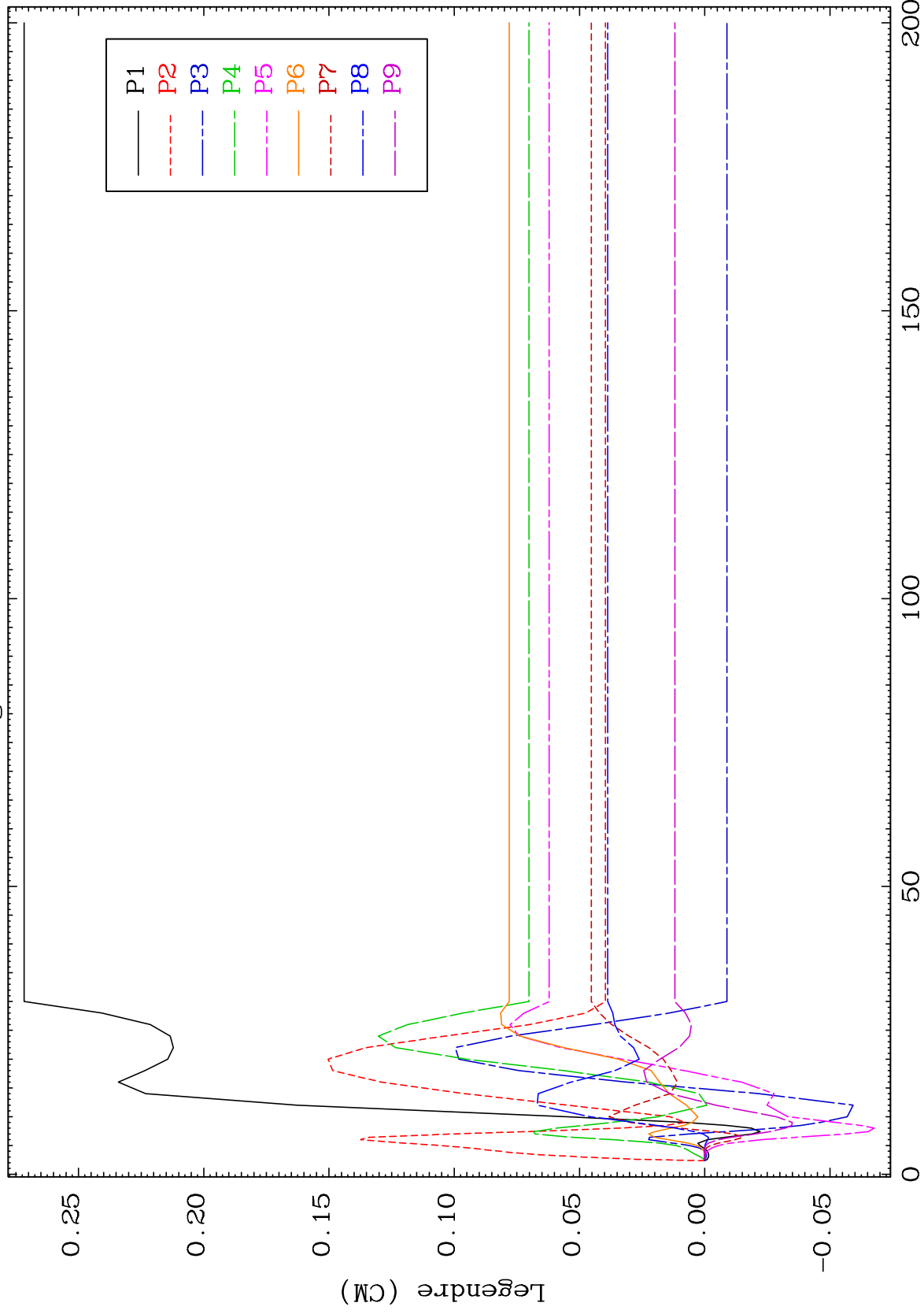




MAT 5807

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

58-Ce-130



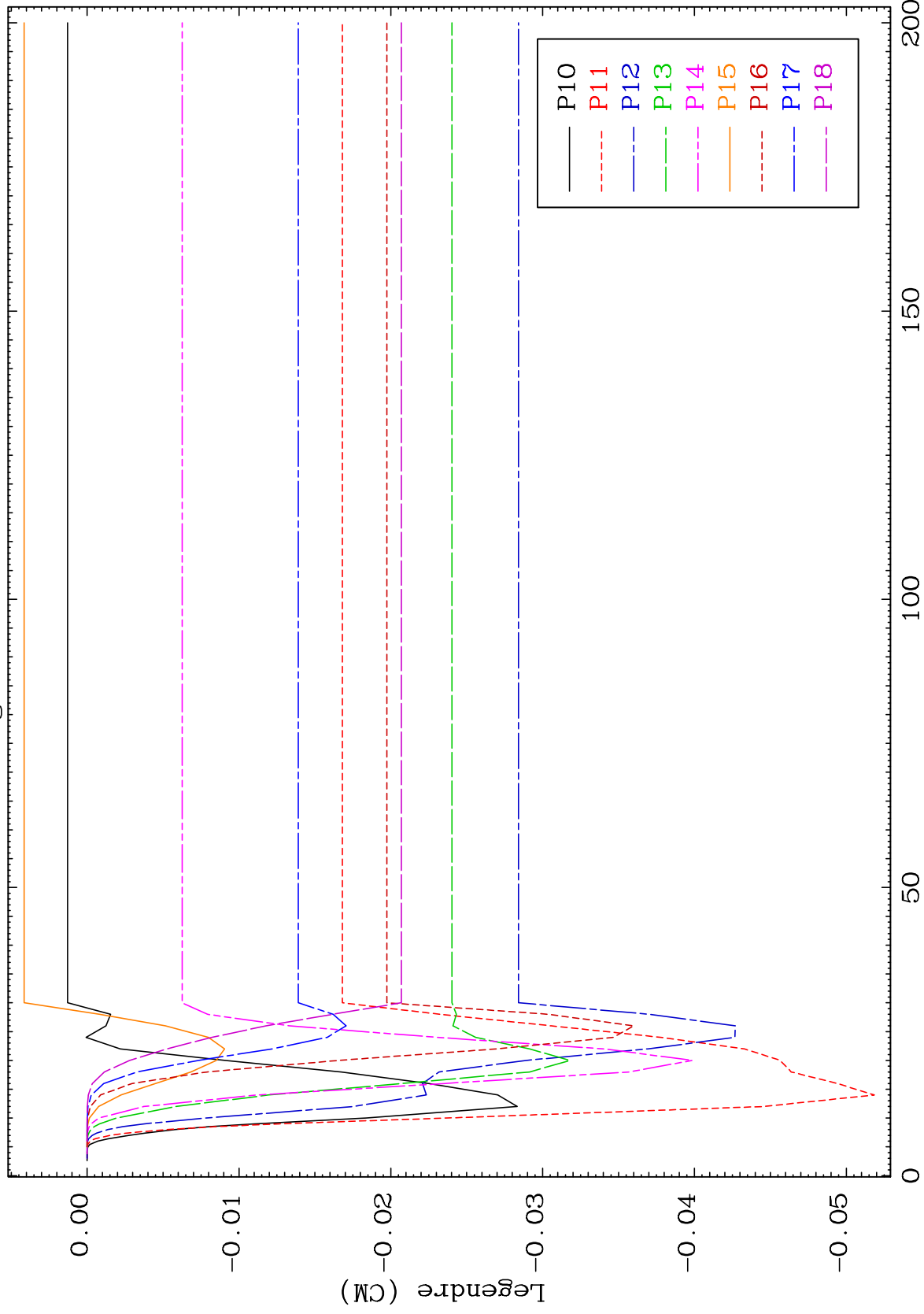
74

58-Ce-130

MAT 5807

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

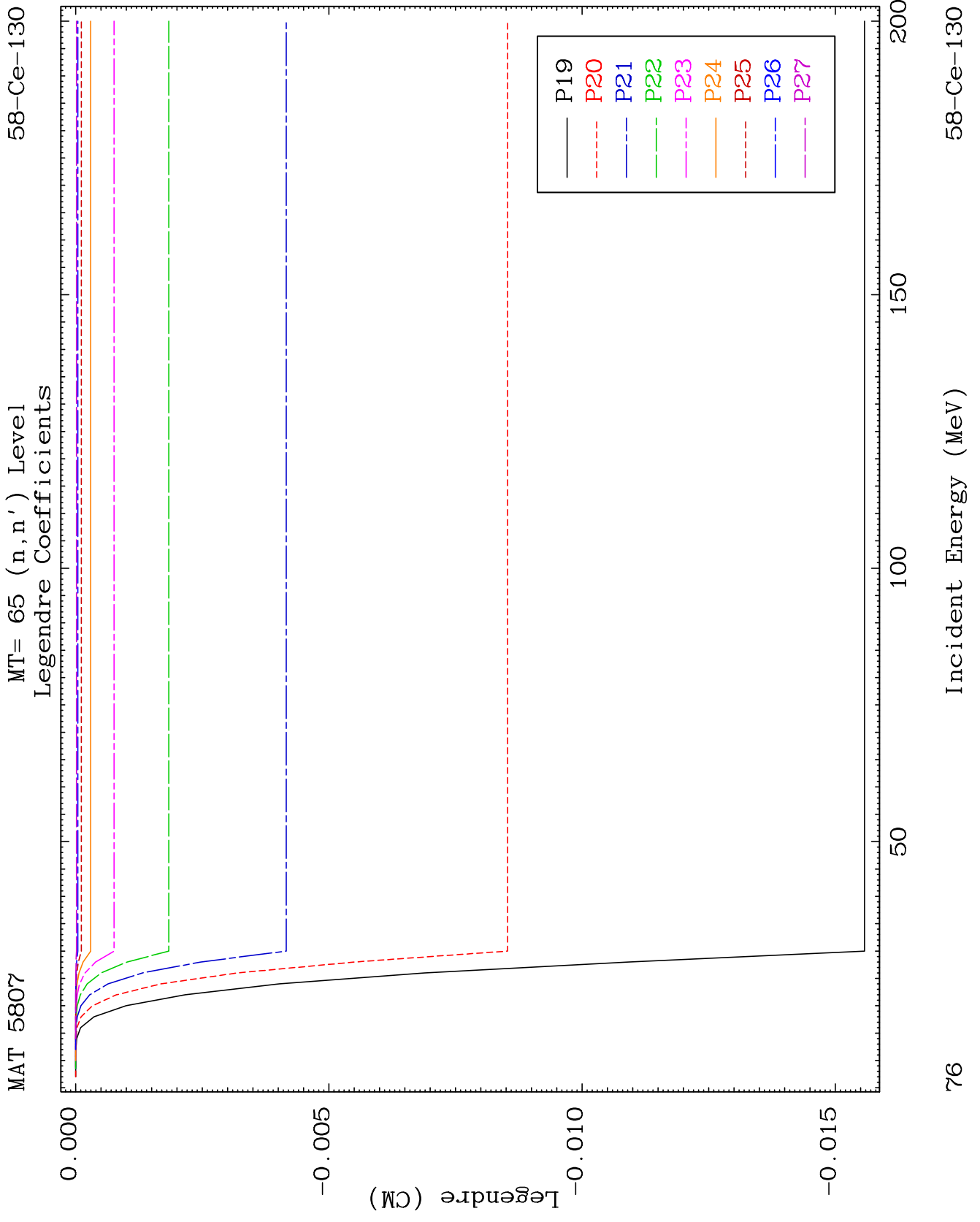
58-Ce-130

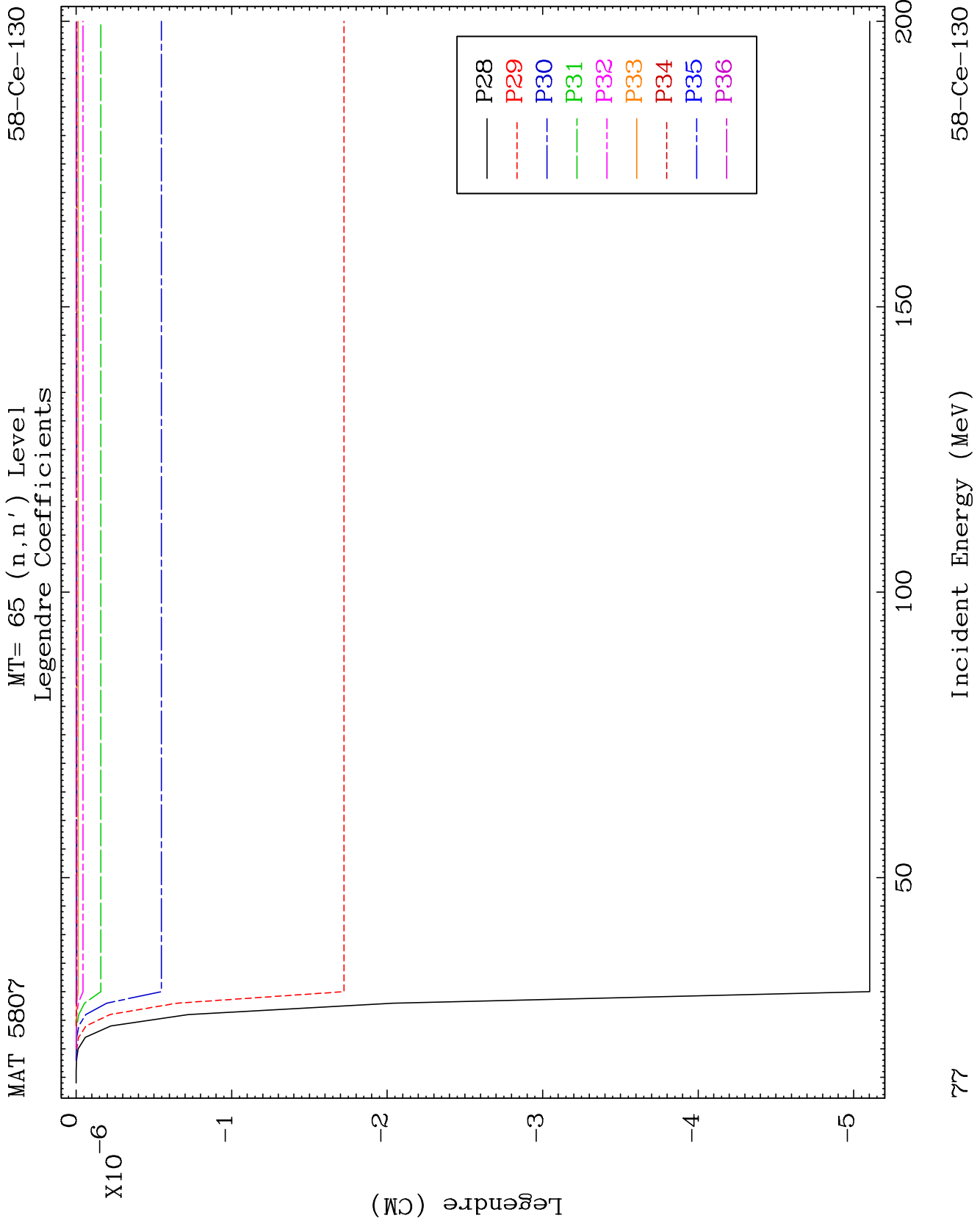


75

Incident Energy (MeV)

58-Ce-130



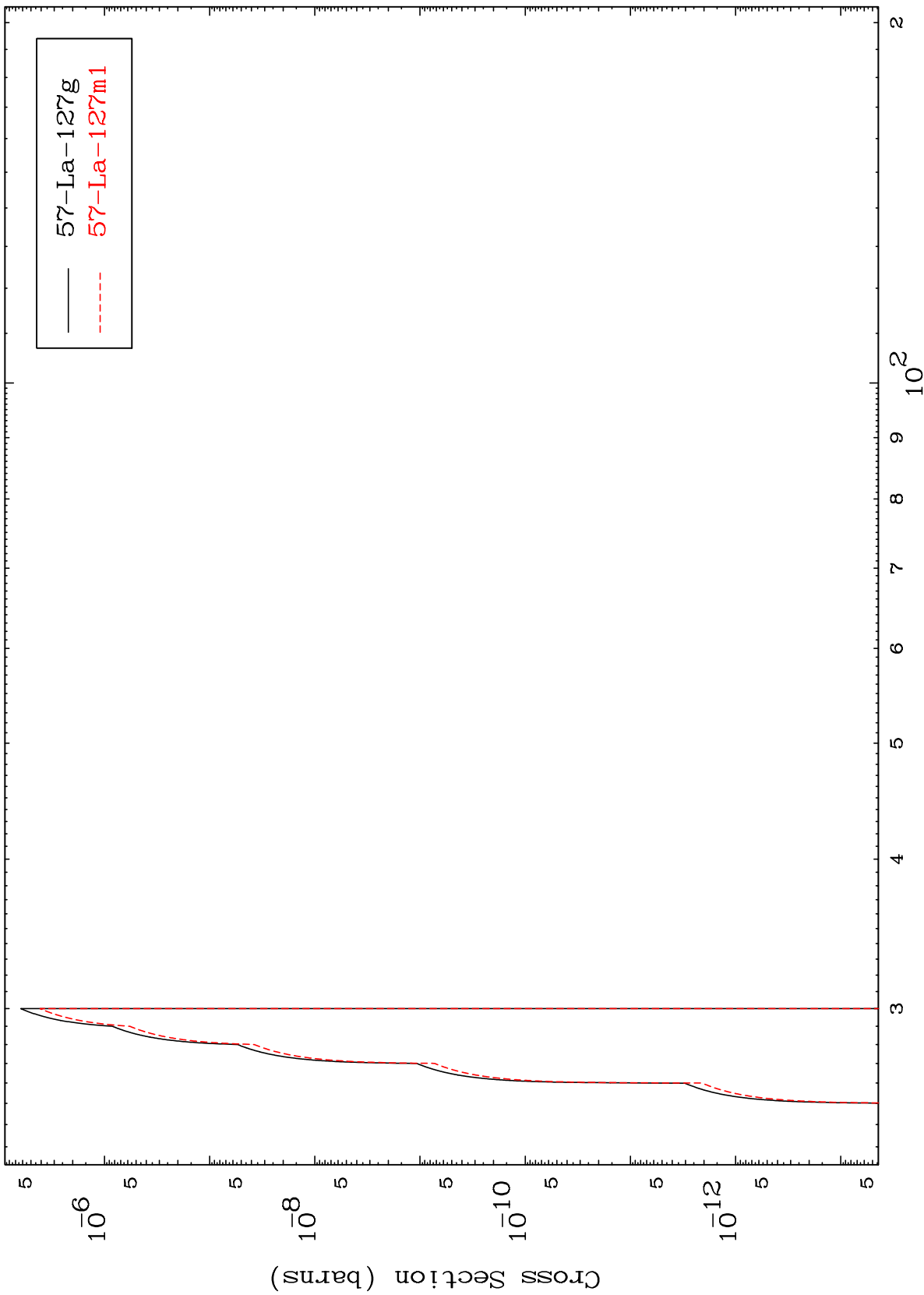


MAT 5807

(n,2n) d

58-Ce-130

Radionuclide Production Cross Section



78

Incident Energy (MeV)

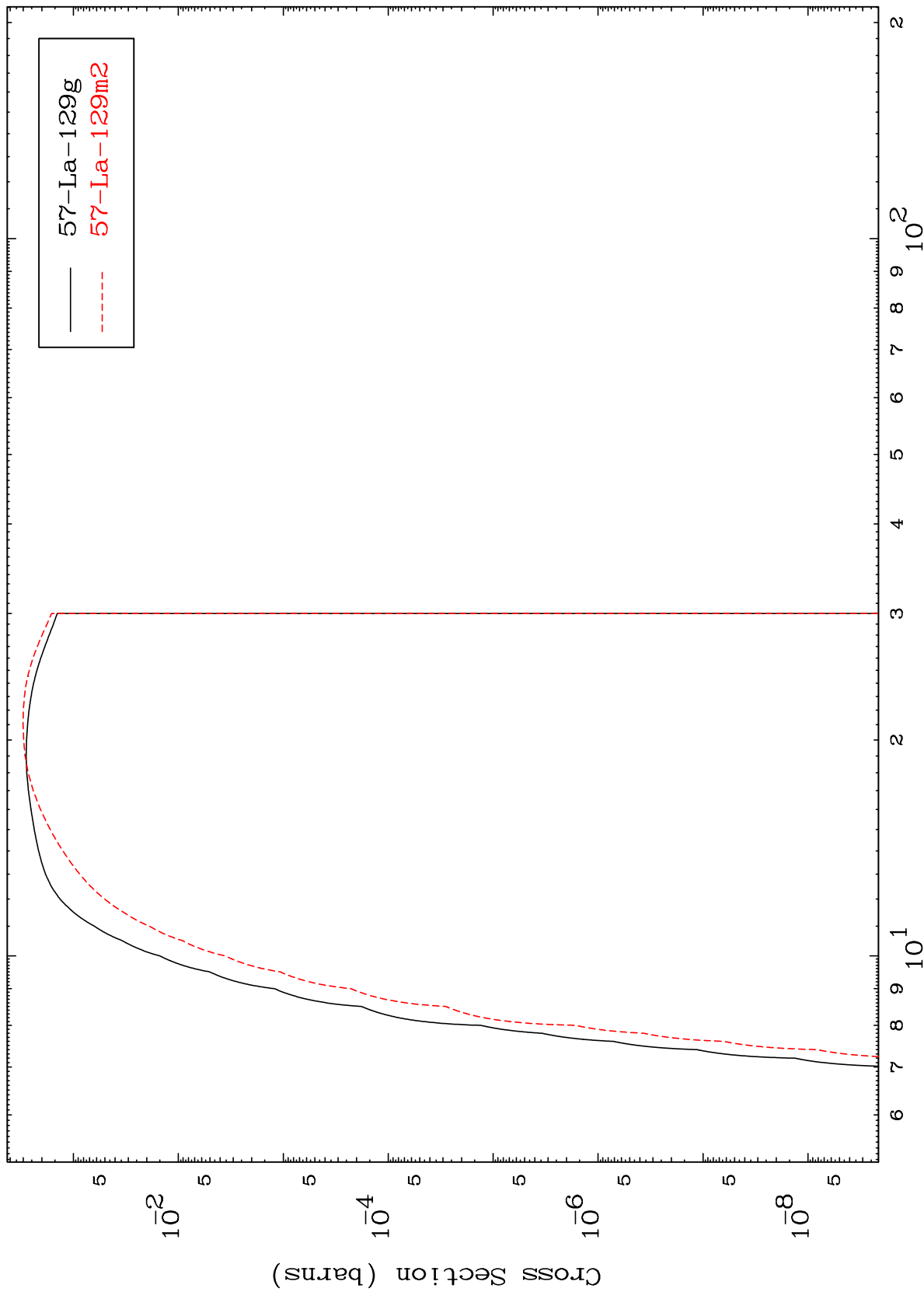
58-Ce-130

MAT 5807

(n,n') p

58-Ce-130

Radionuclide Production Cross Section



79

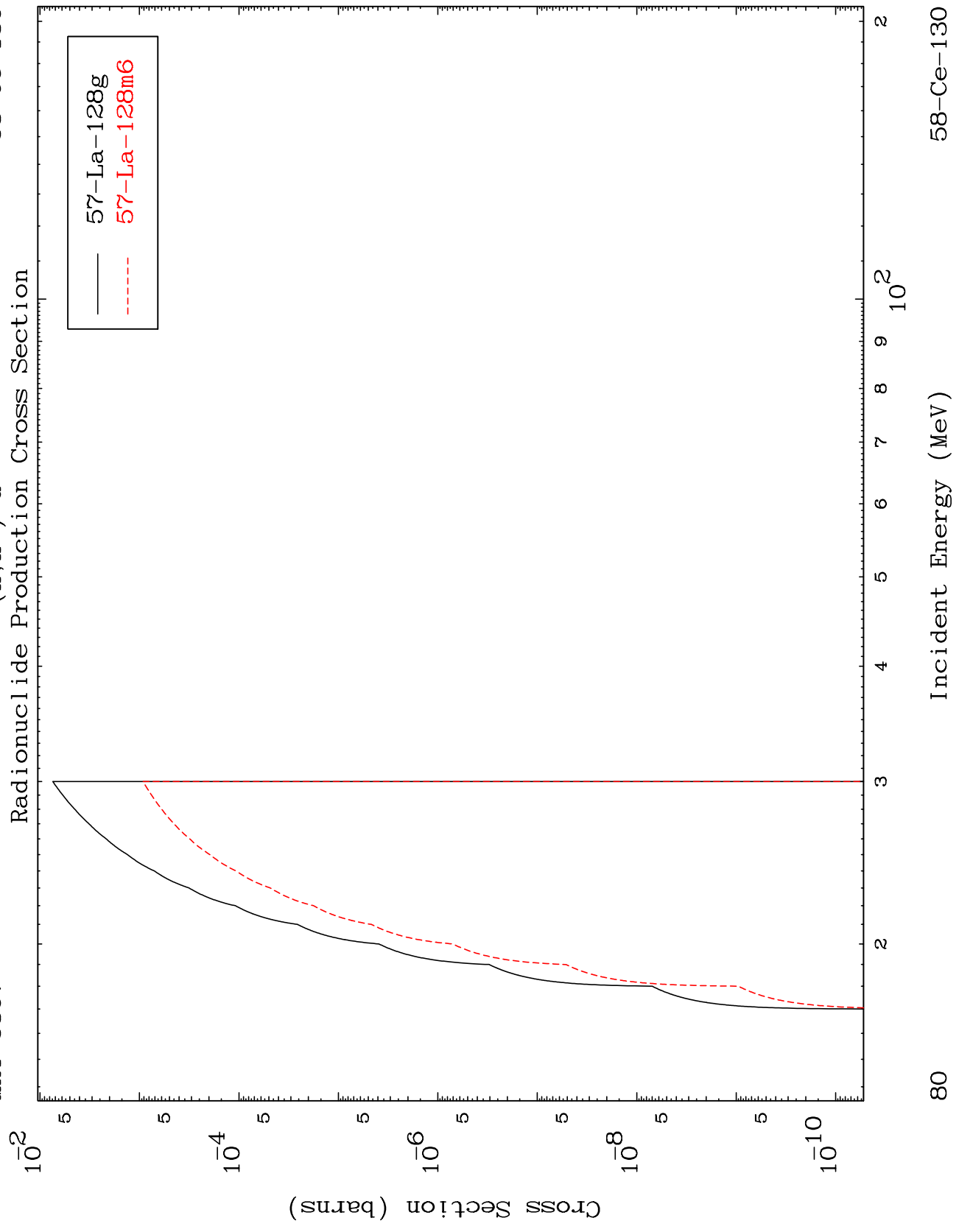
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,n') d

58-Ce-130



80

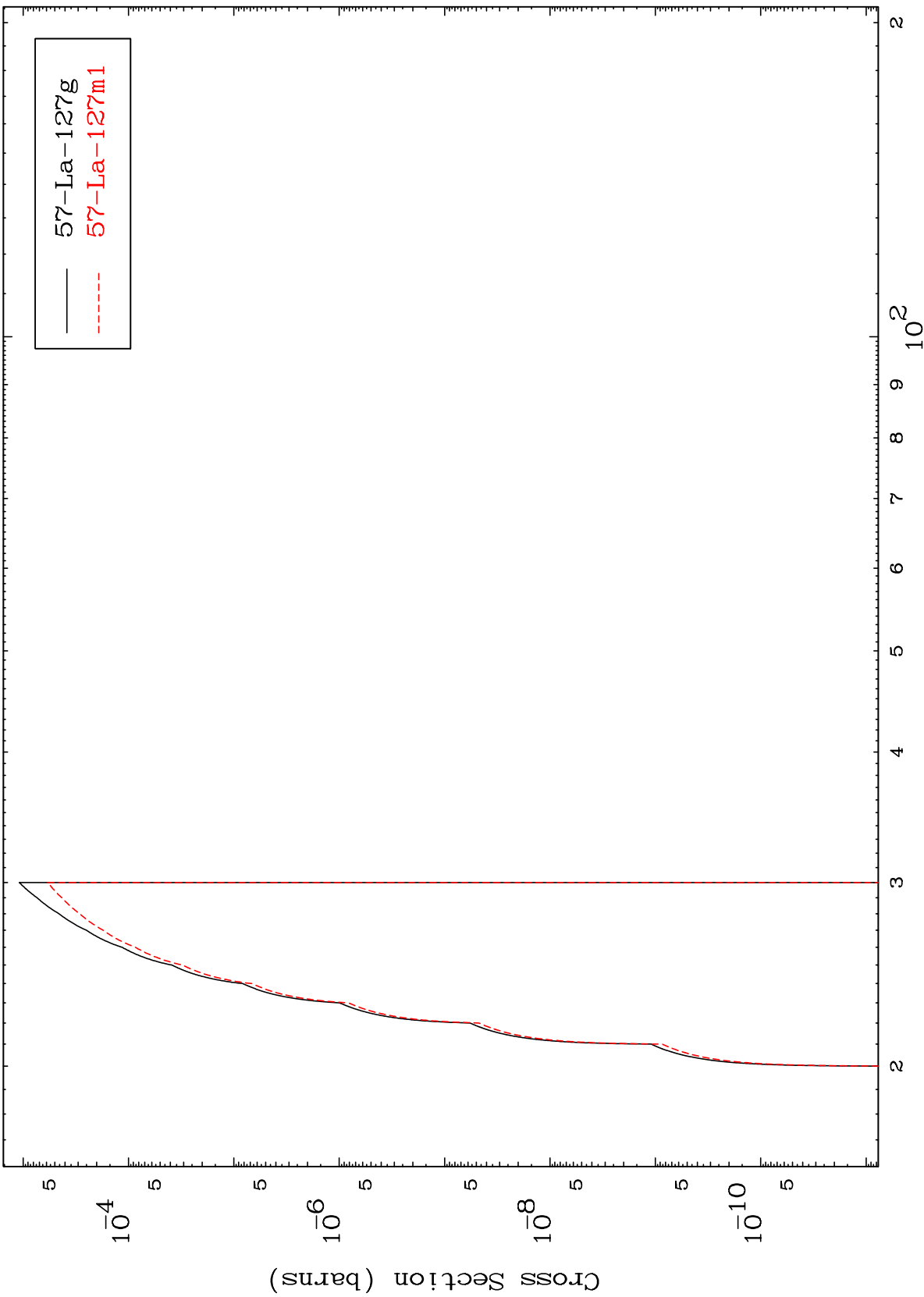
58-Ce-130

MAT 5807

(n,n') t

58-Ce-130

Radionuclide Production Cross Section



81

Incident Energy (MeV)

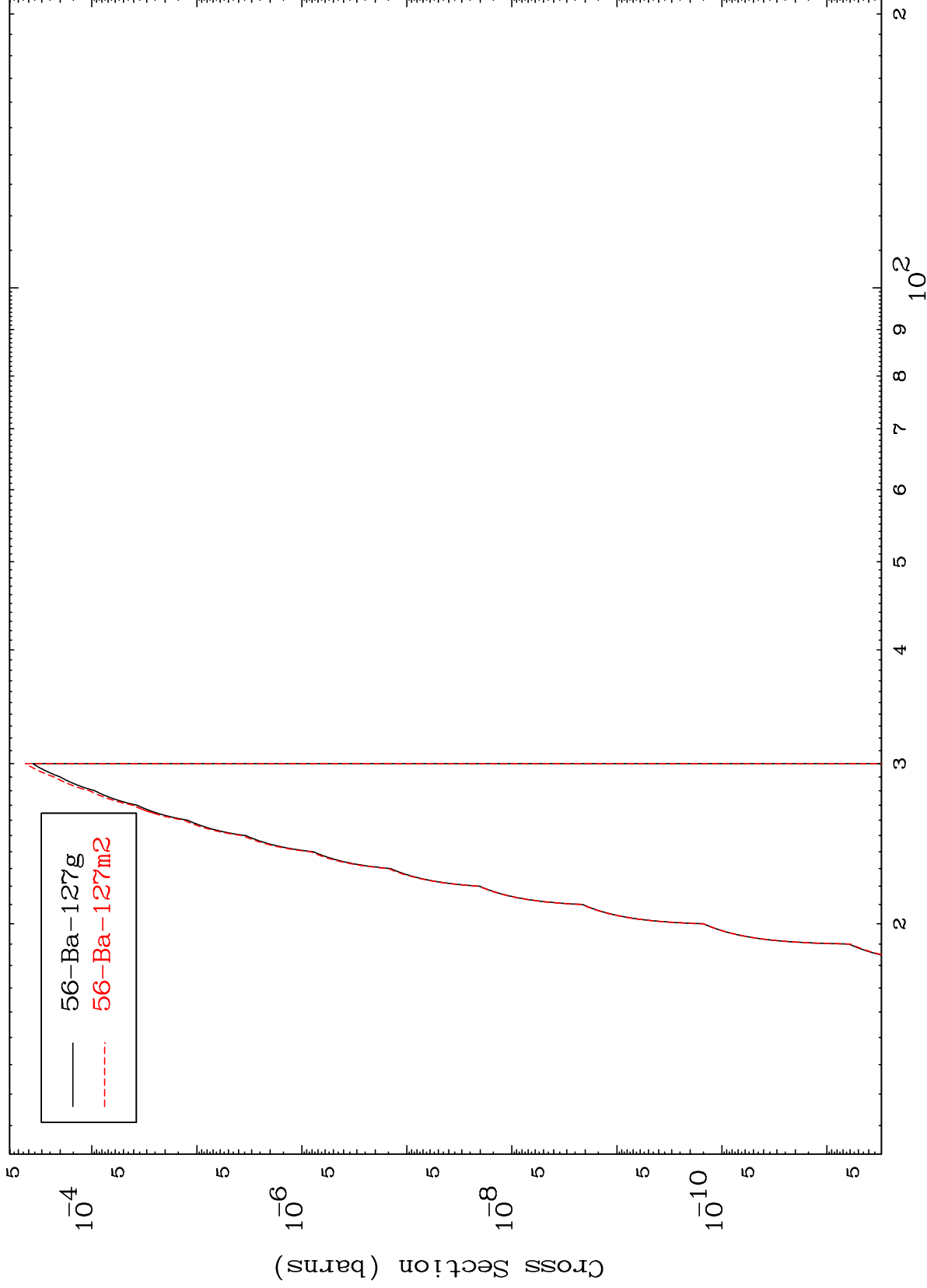
58-Ce-130

MAT 5807

(n,n') He-3

58-Ce-130

Radionuclide Production Cross Section



82

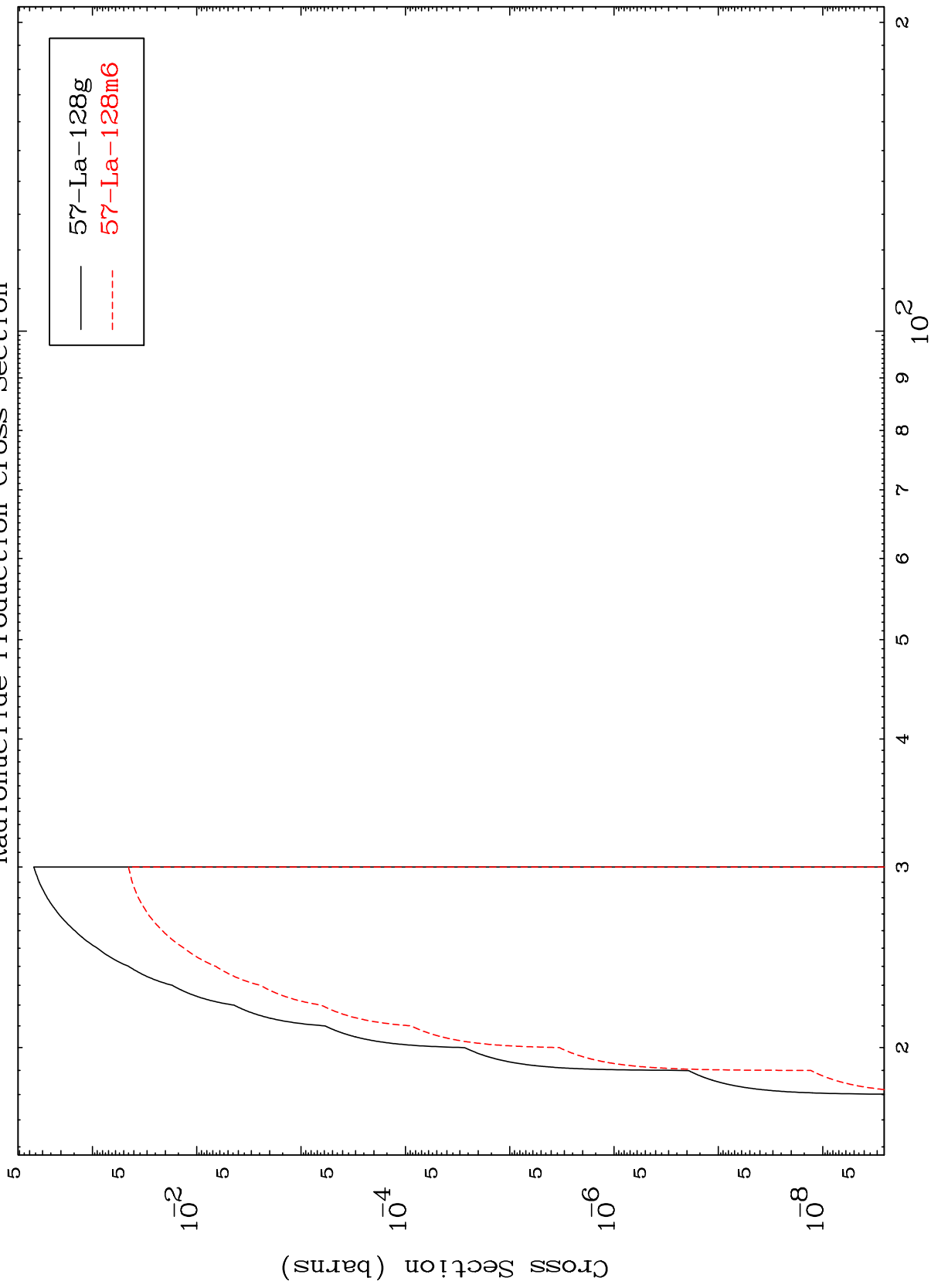
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n,2n) p
Radionuclide Production Cross Section



83

Incident Energy (MeV)

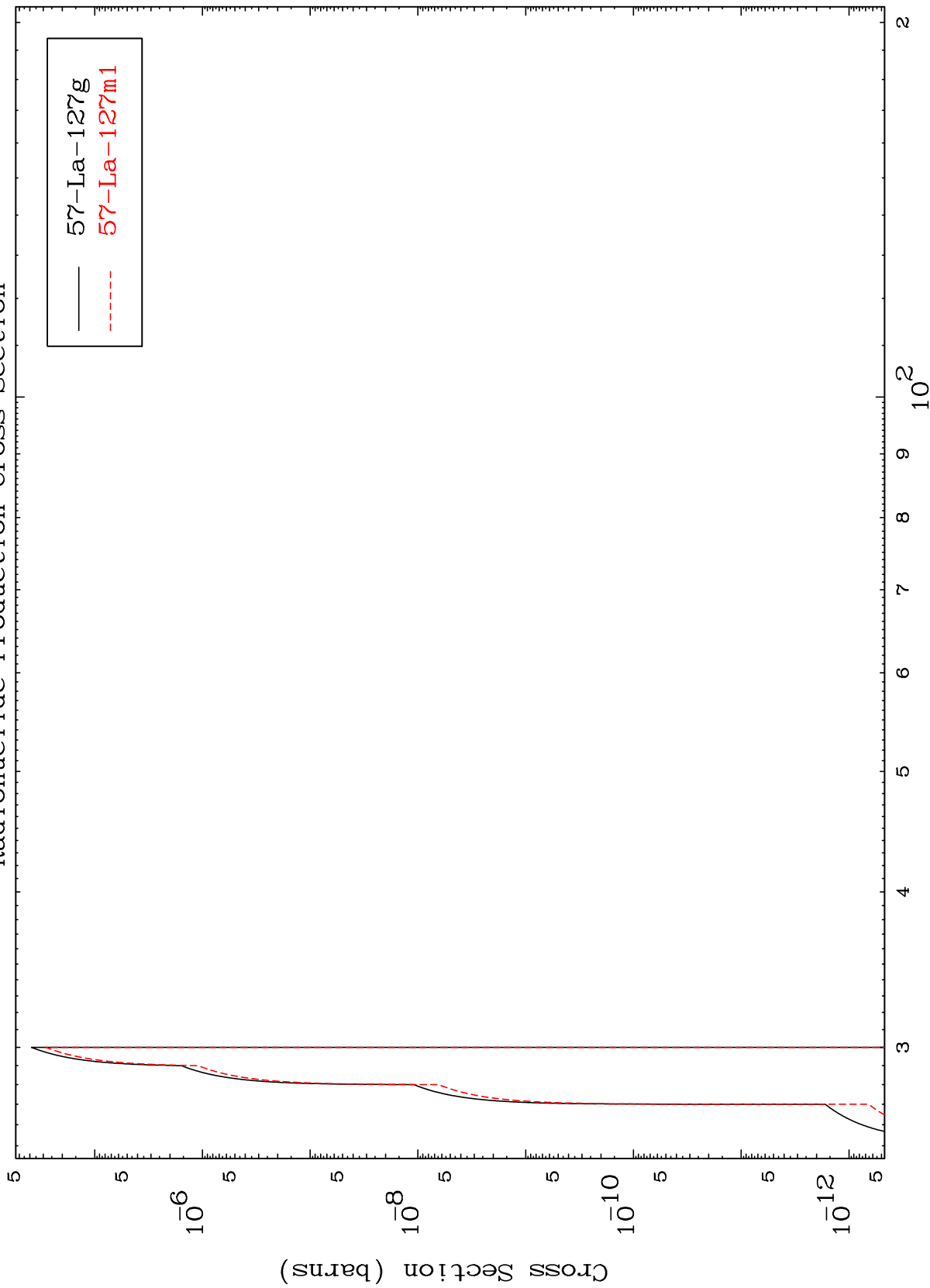
58-Ce-130

MAT 5807

(n,3n) p

58-Ce-130

Radionuclide Production Cross Section



84

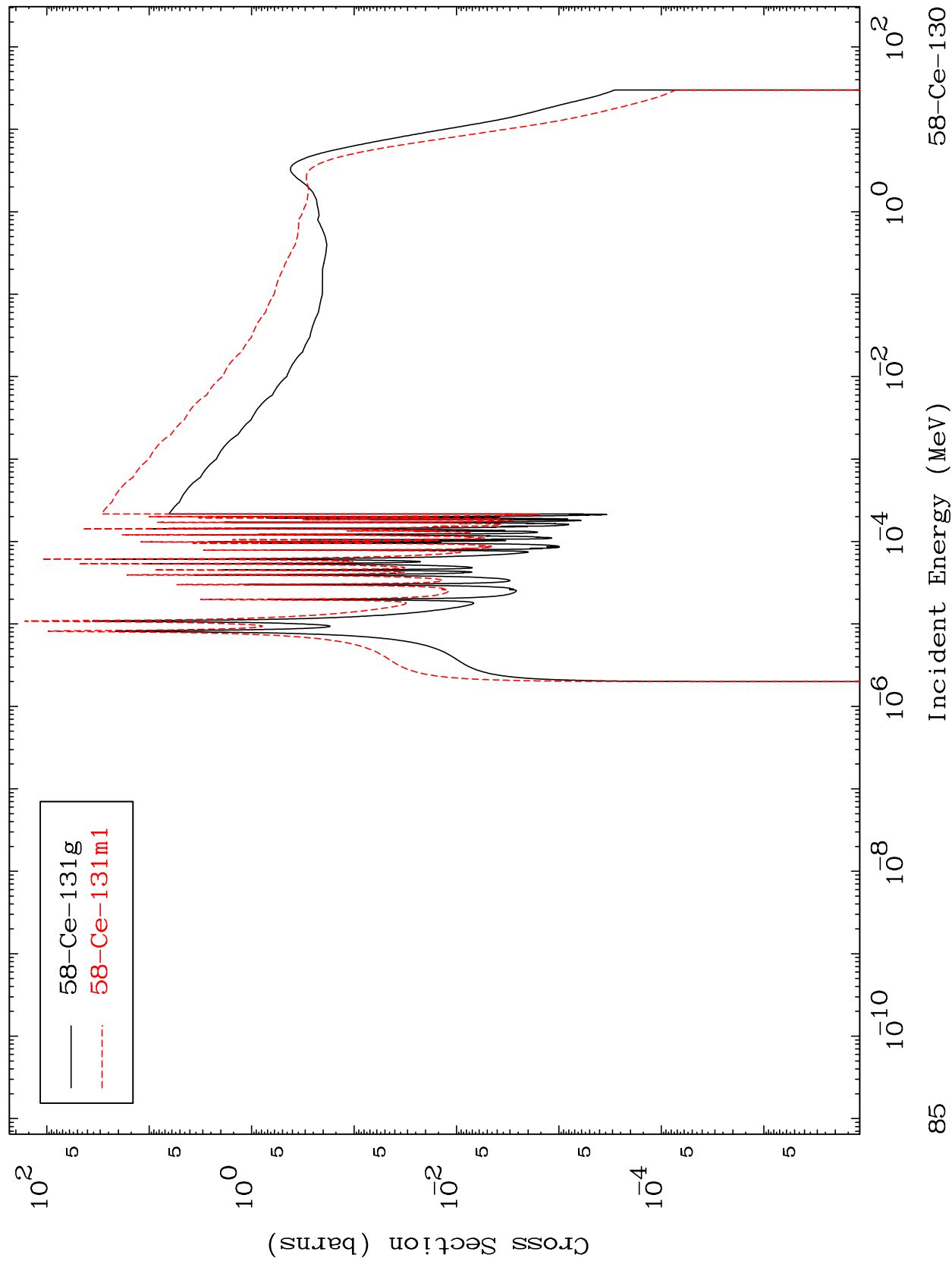
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n, γ)
Radionuclide Production Cross Section



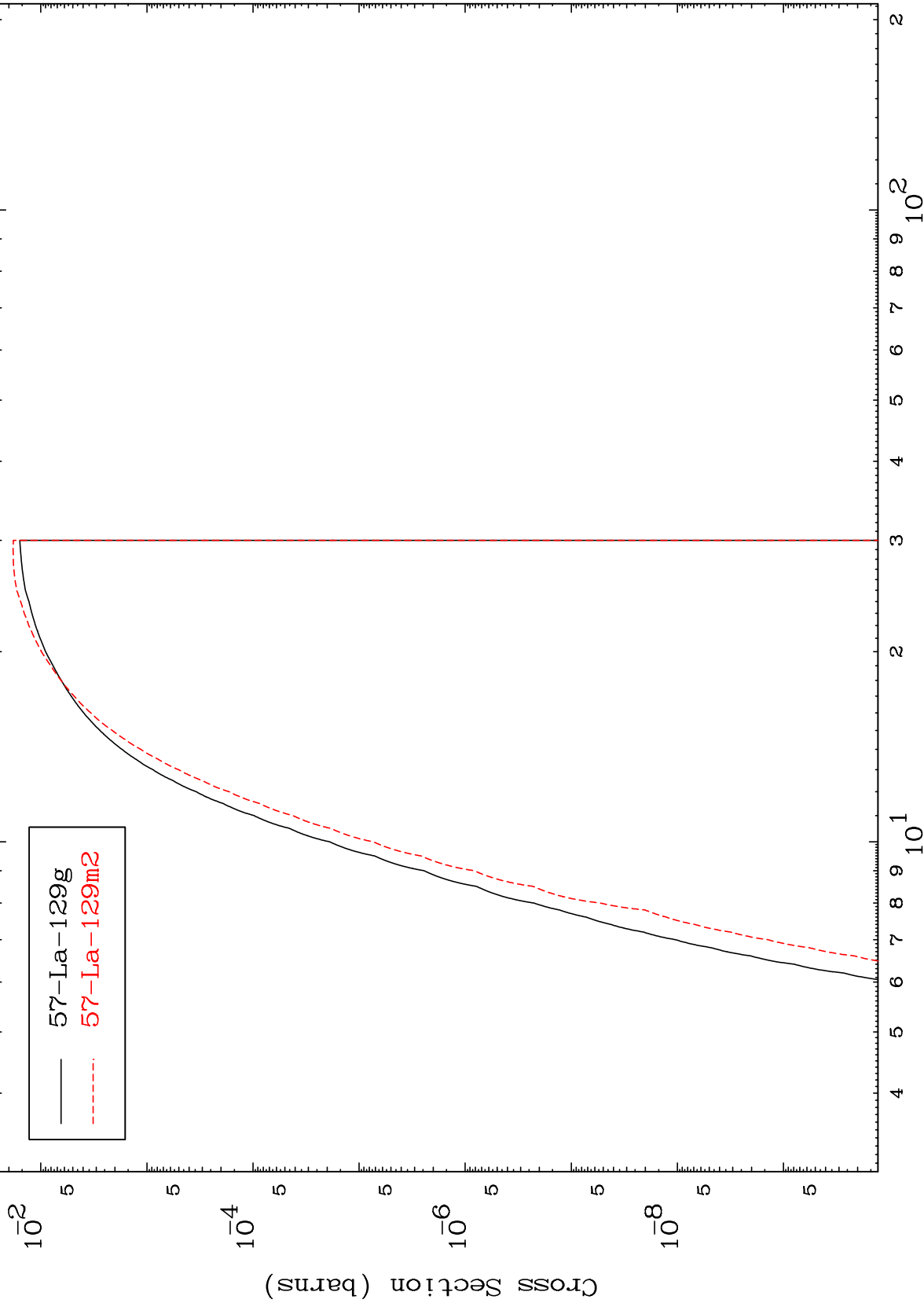
85

58-Ce-130

MAT 5807

58-Ce-130

(n,d)
Radionuclide Production Cross Section



86

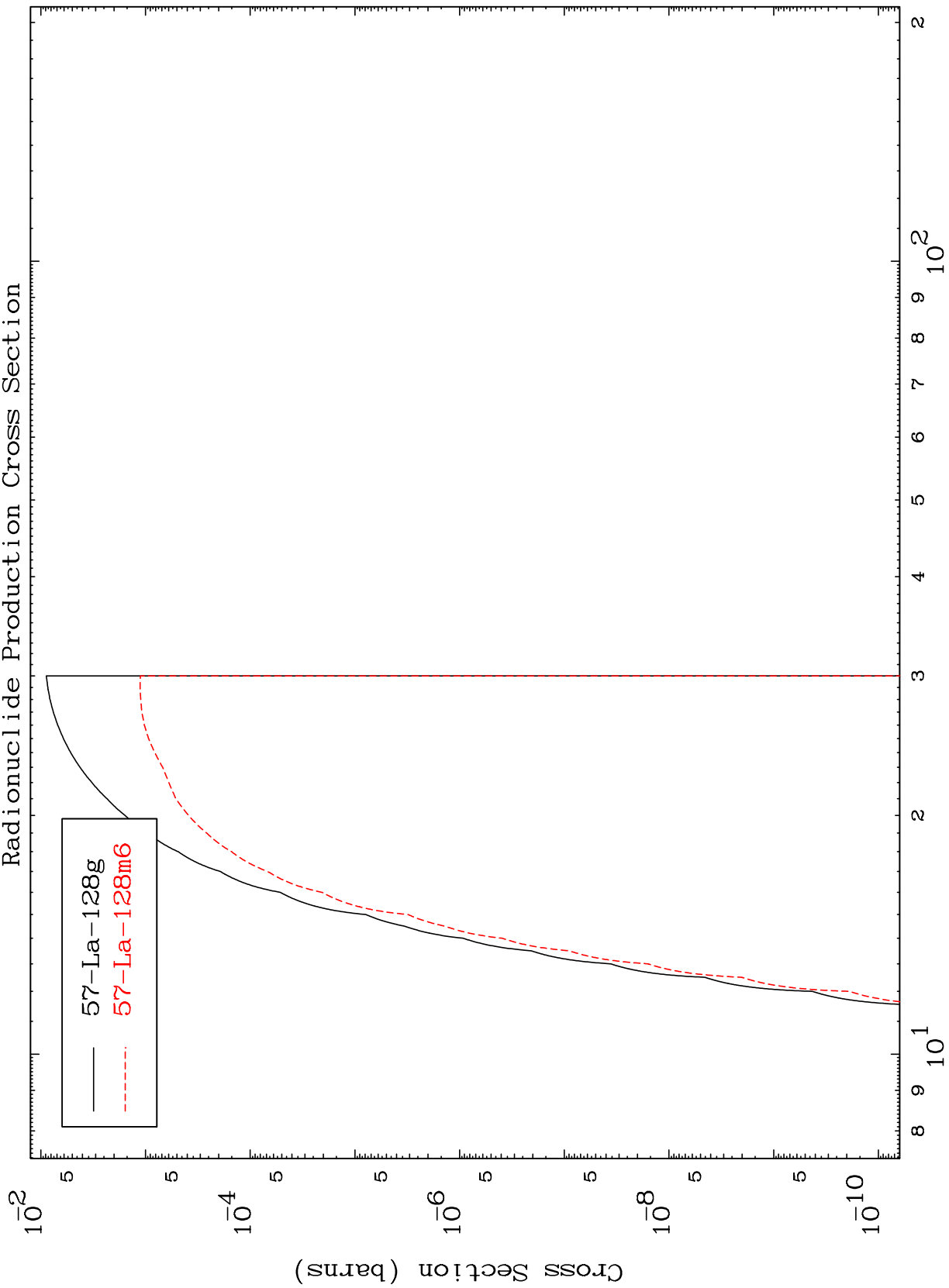
58-Ce-130

Incident Energy (MeV)

MAT 5807

58-Ce-130

(n, t)
Radionuclide Production Cross Section



87

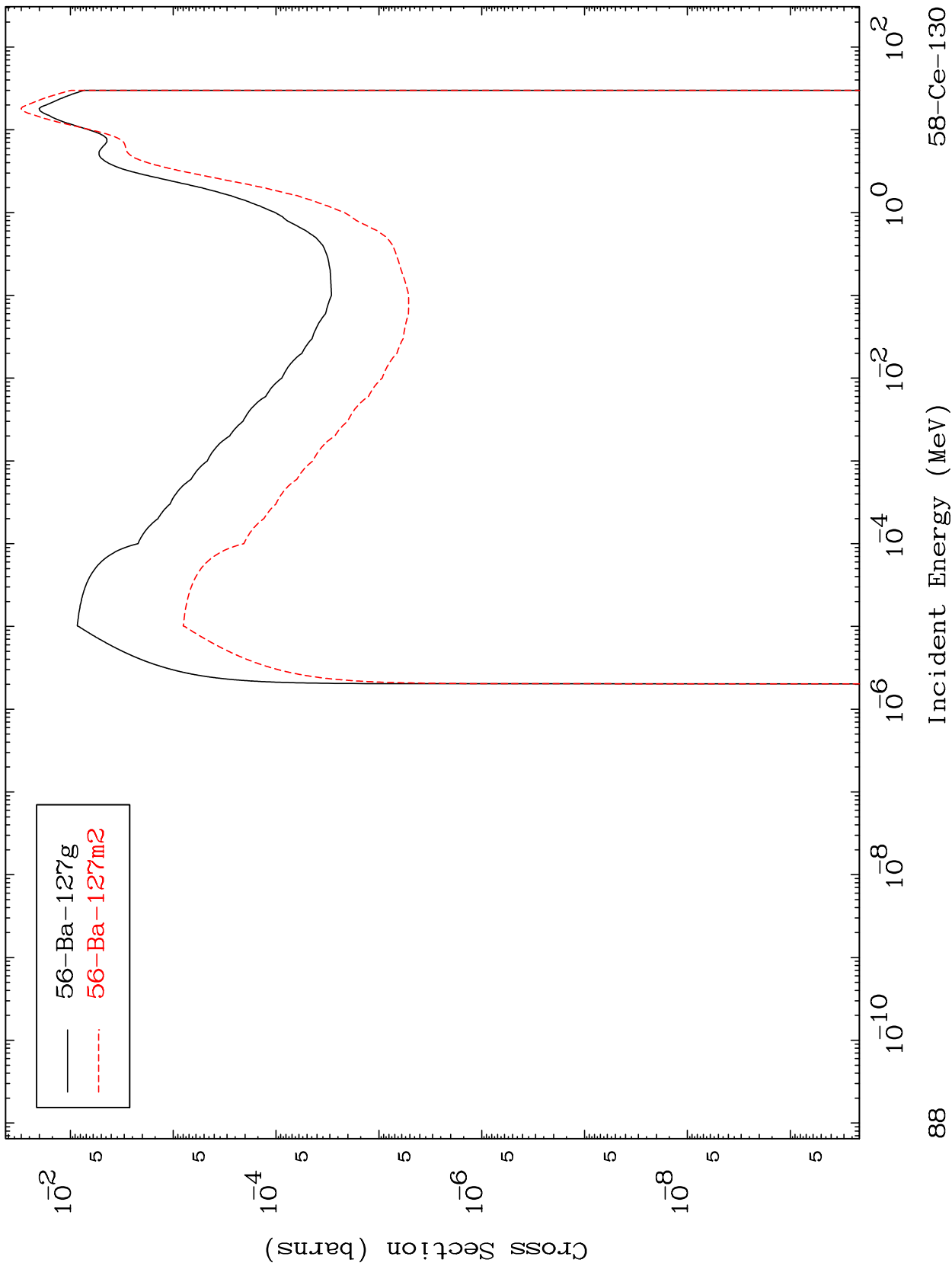
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n, α)
Radionuclide Production Cross Section

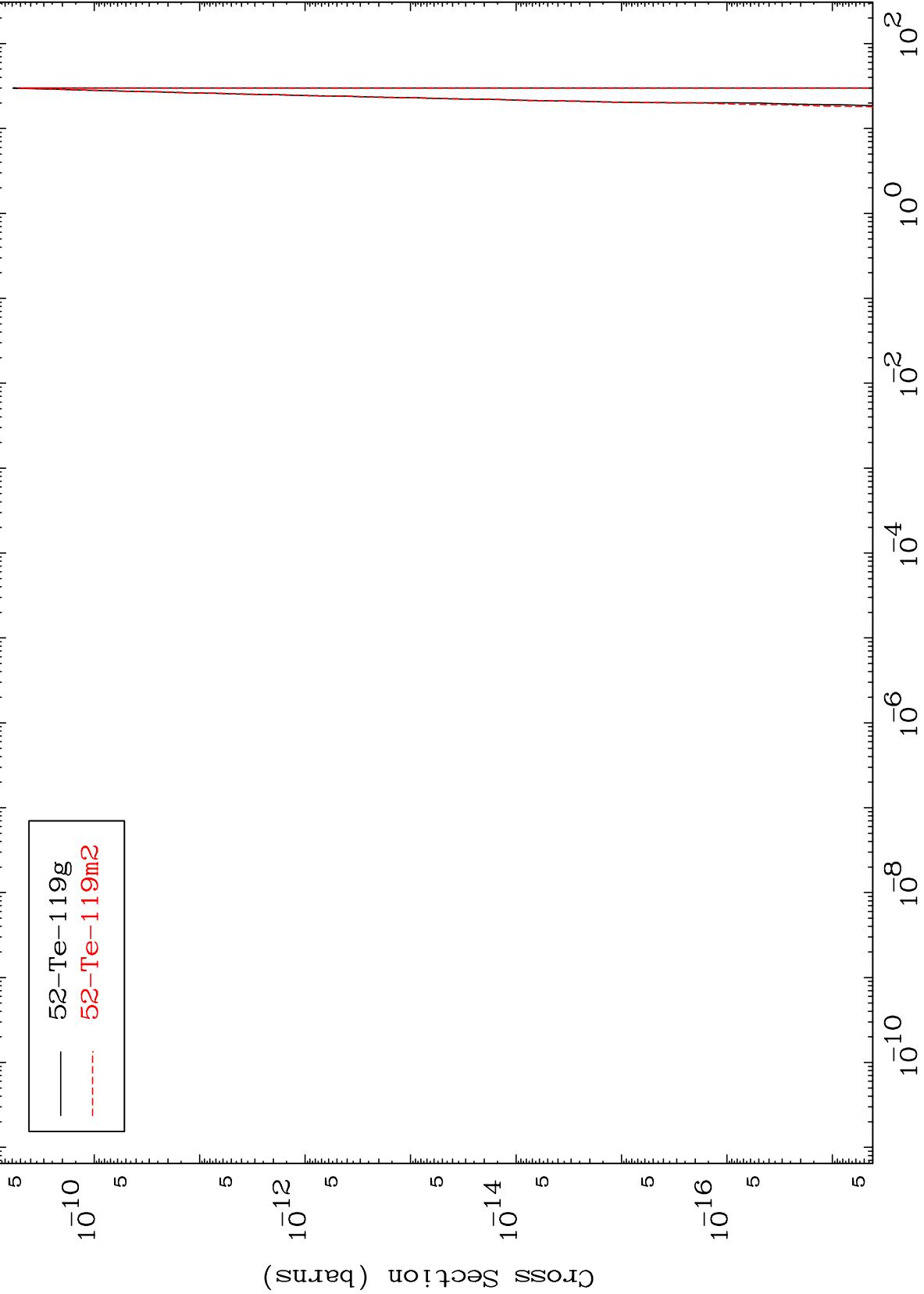


MAT 5807

(n, 3α)

58-Ce-130

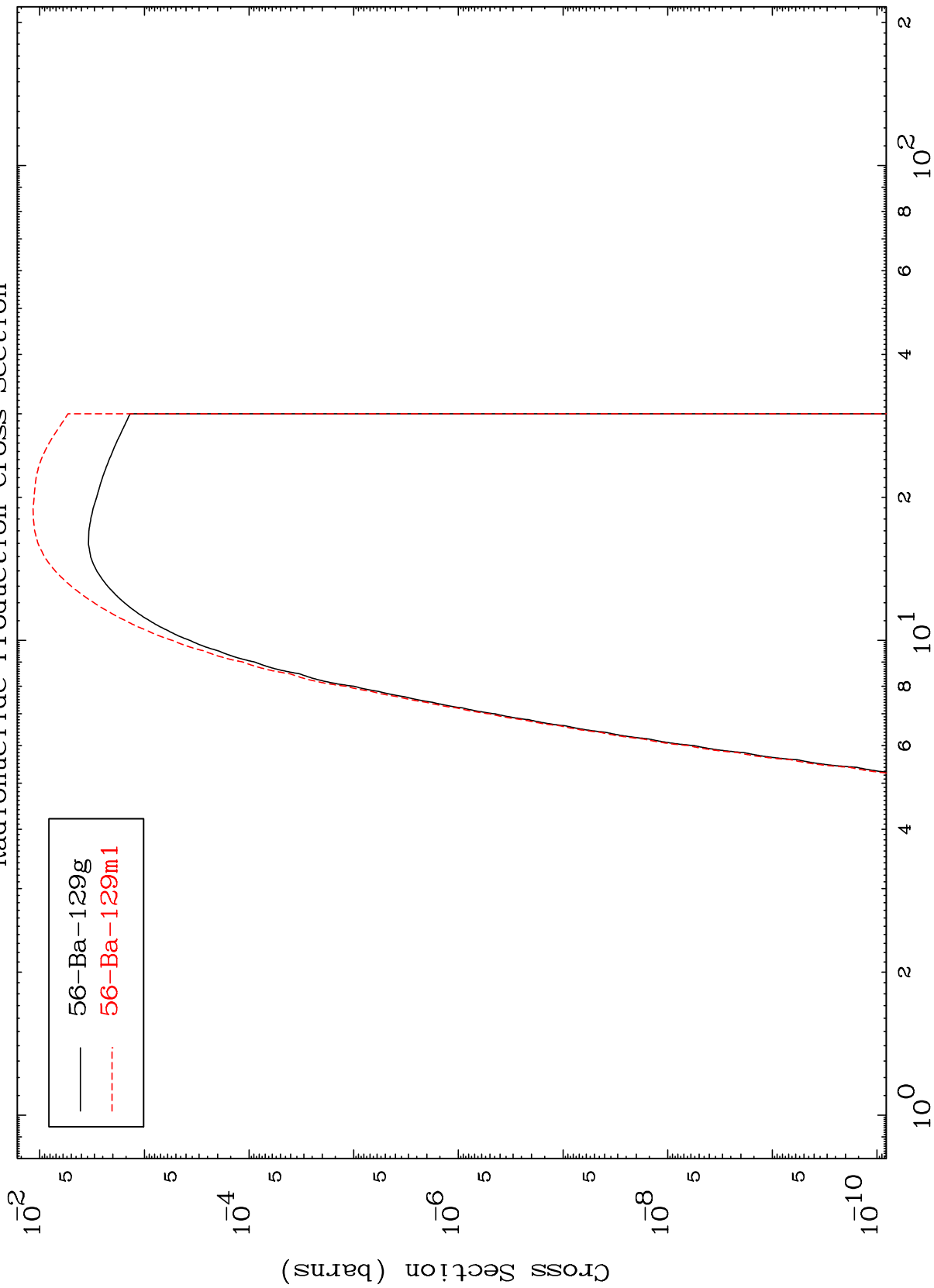
Radionuclide Production Cross Section



MAT 5807

58-Ce-130

(n,2p)
Radionuclide Production Cross Section



58-Ce-130

Incident Energy (MeV)

90

MAT 5807

(n,p) t

58-Ce-130

Radionuclide Production Cross Section

