

Program EVALPLOT
(Version 2021-1)

by

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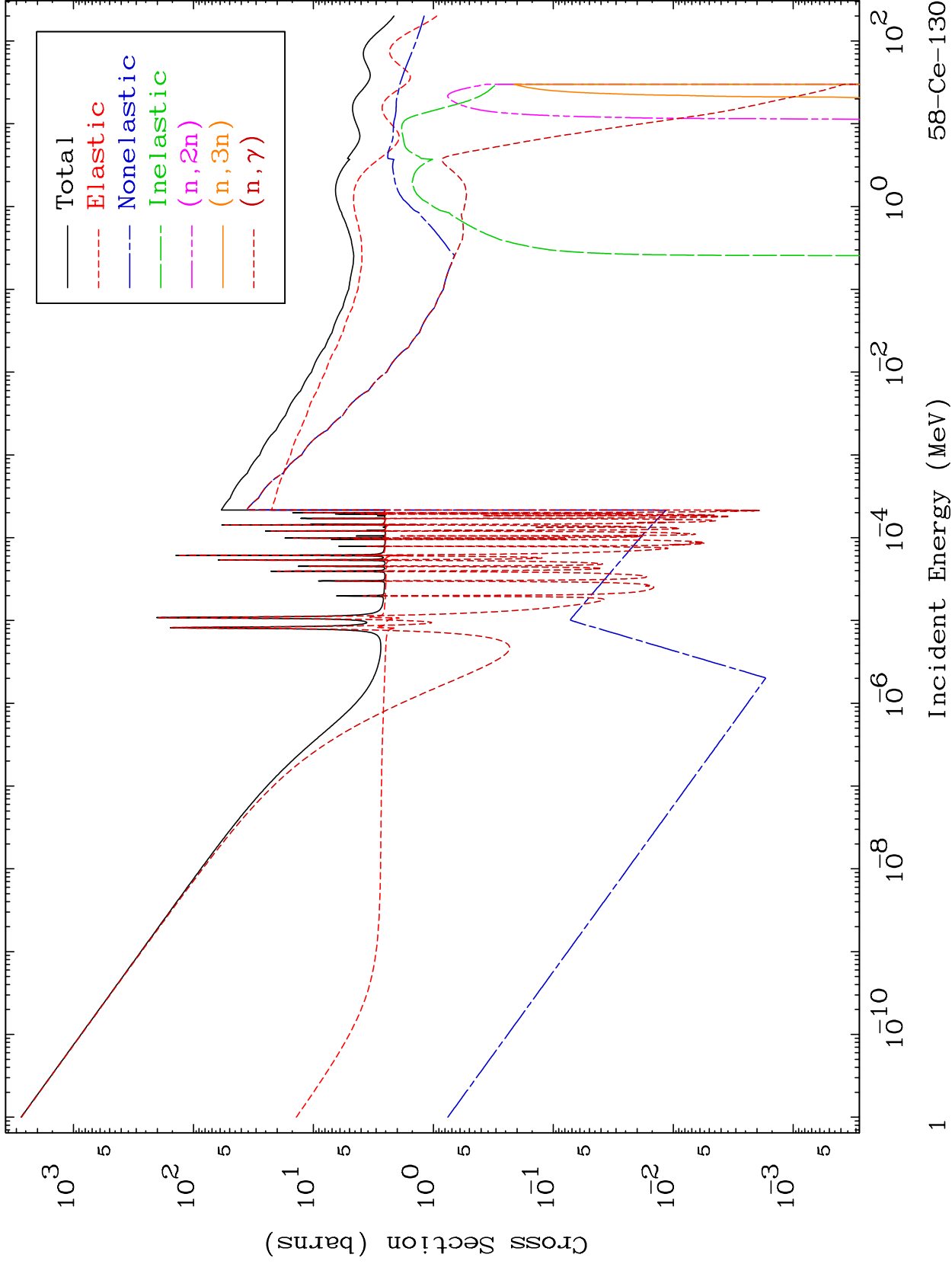
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5807

Neutron Major
293 Kelvin Cross Sections

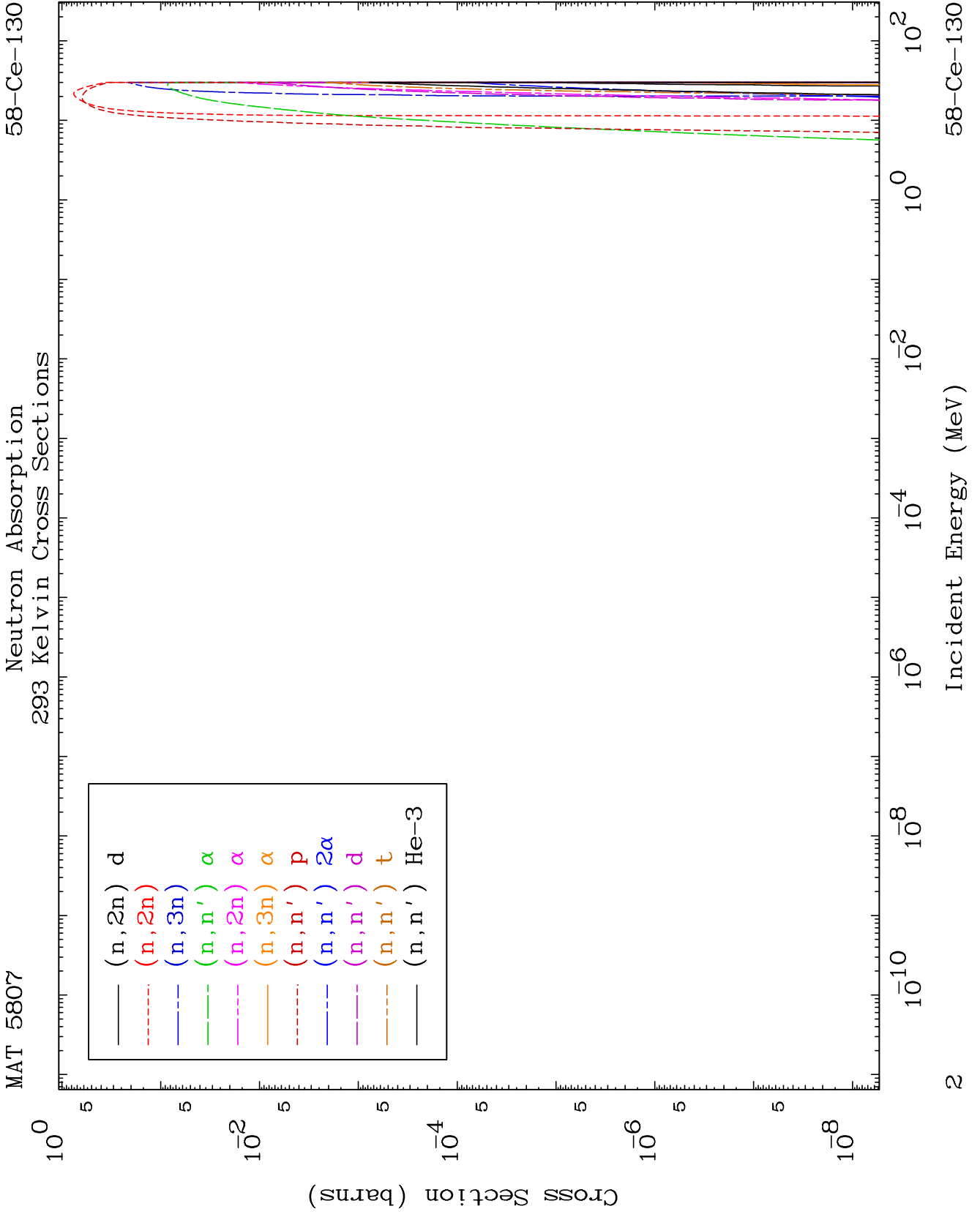
58-Ce-130

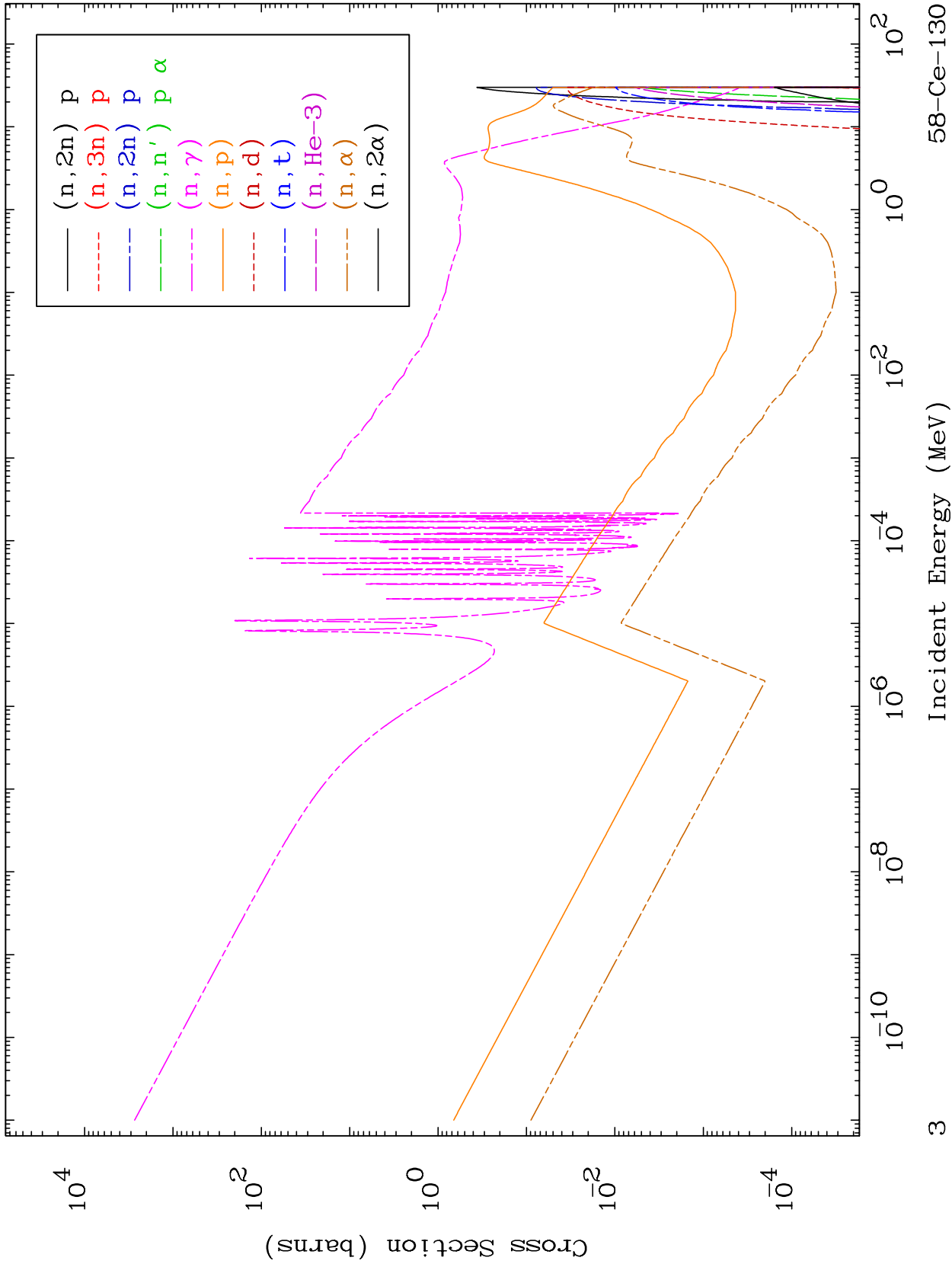


58-Ce-130

Incident Energy (MeV)

1

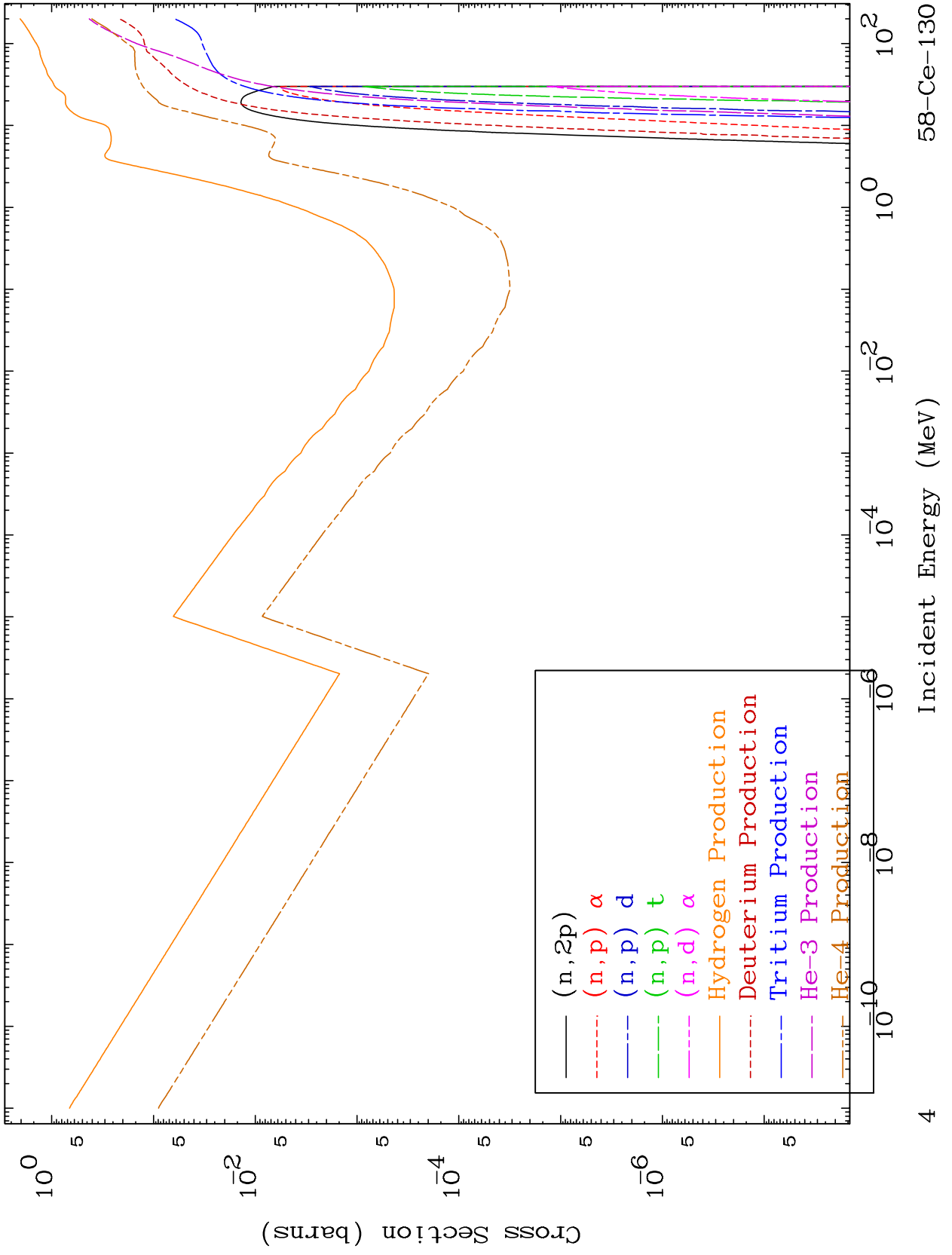




MAT 5807

Neutron Absorption
293 Kelvin Cross Sections

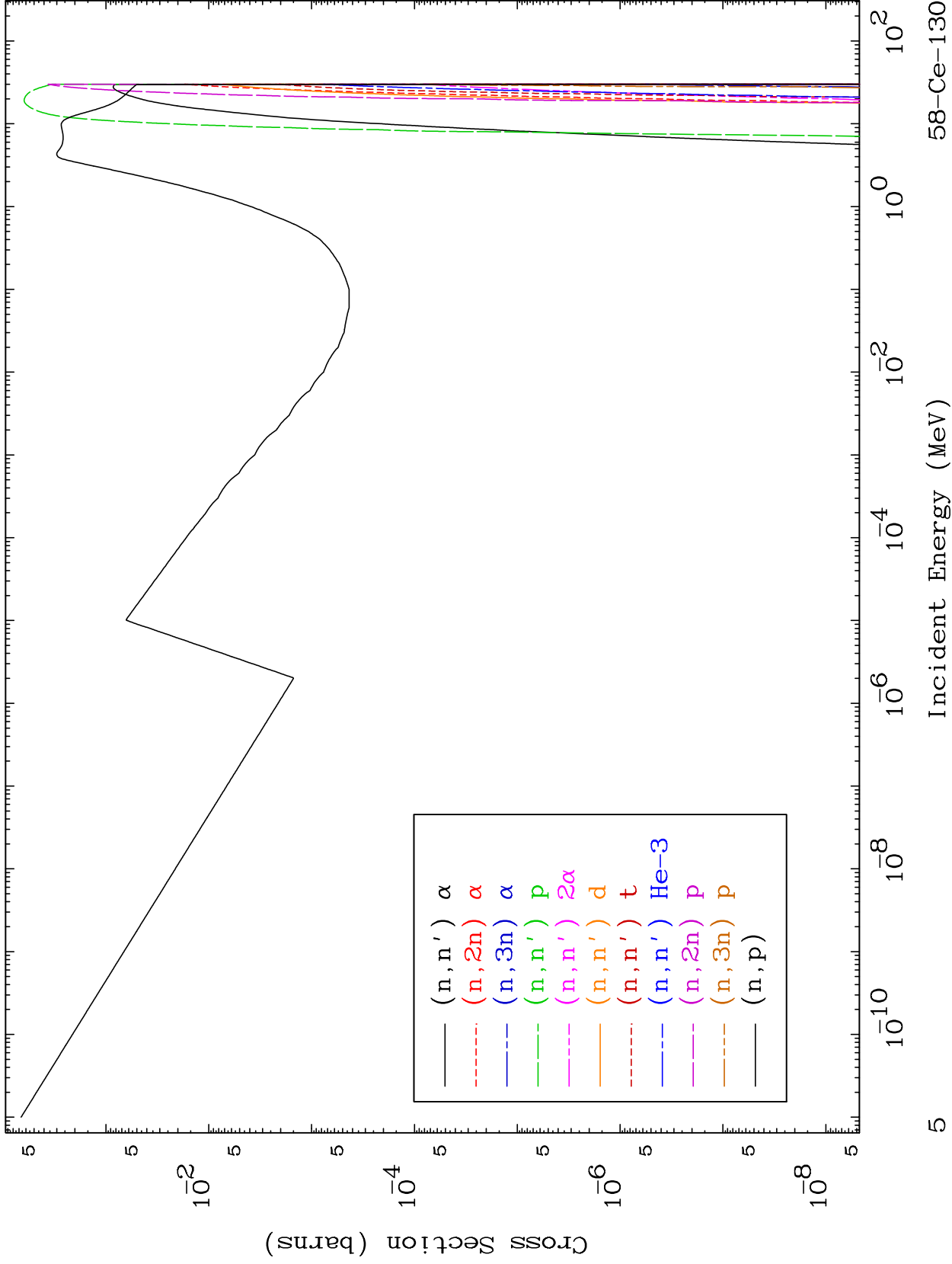
58-Ce-130



MAT 5807

Charged Particle
293 Kelvin Cross Sections

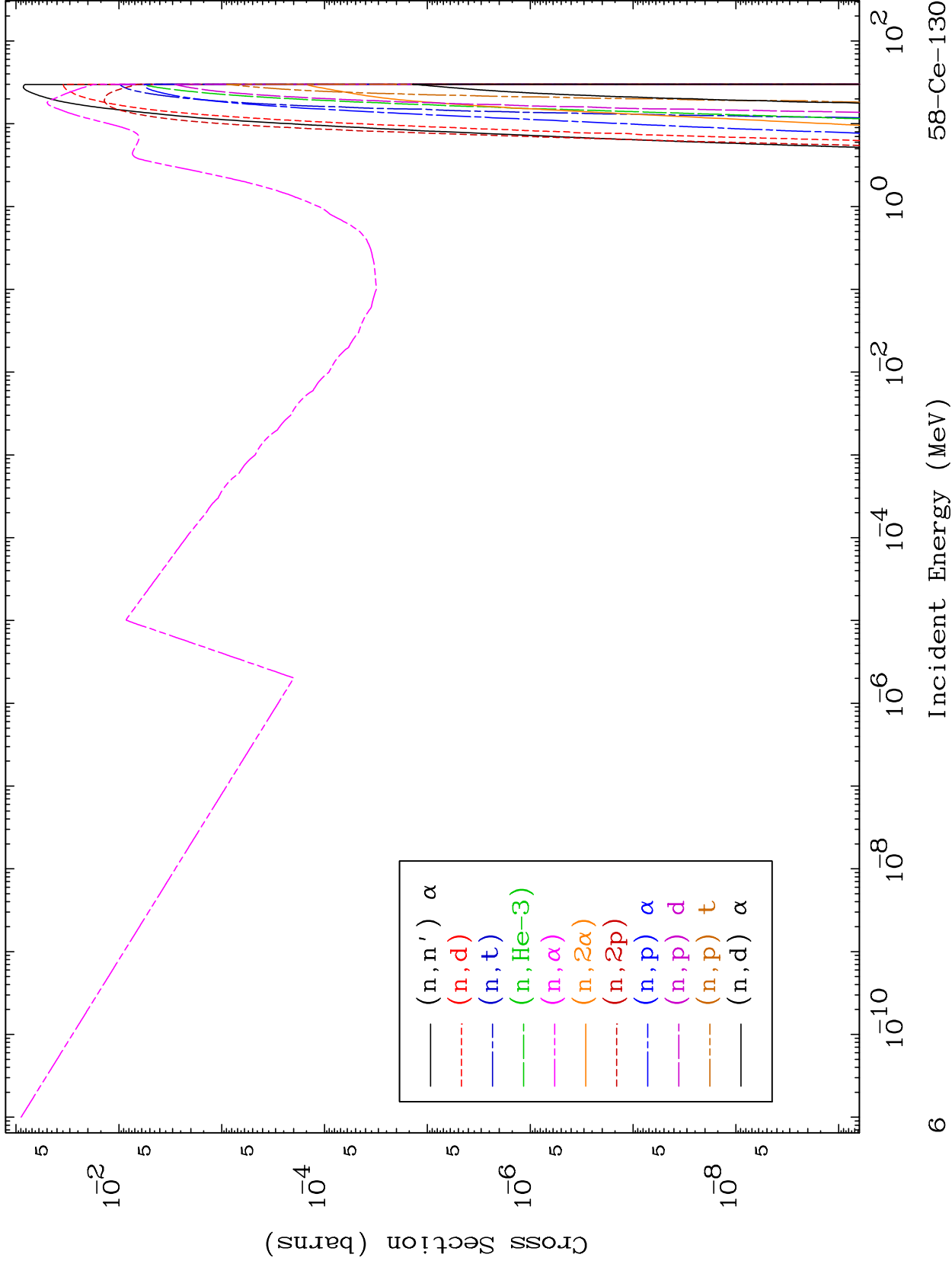
58-Ce-130



MAT 5807

Charged Particle
293 Kelvin Cross Sections

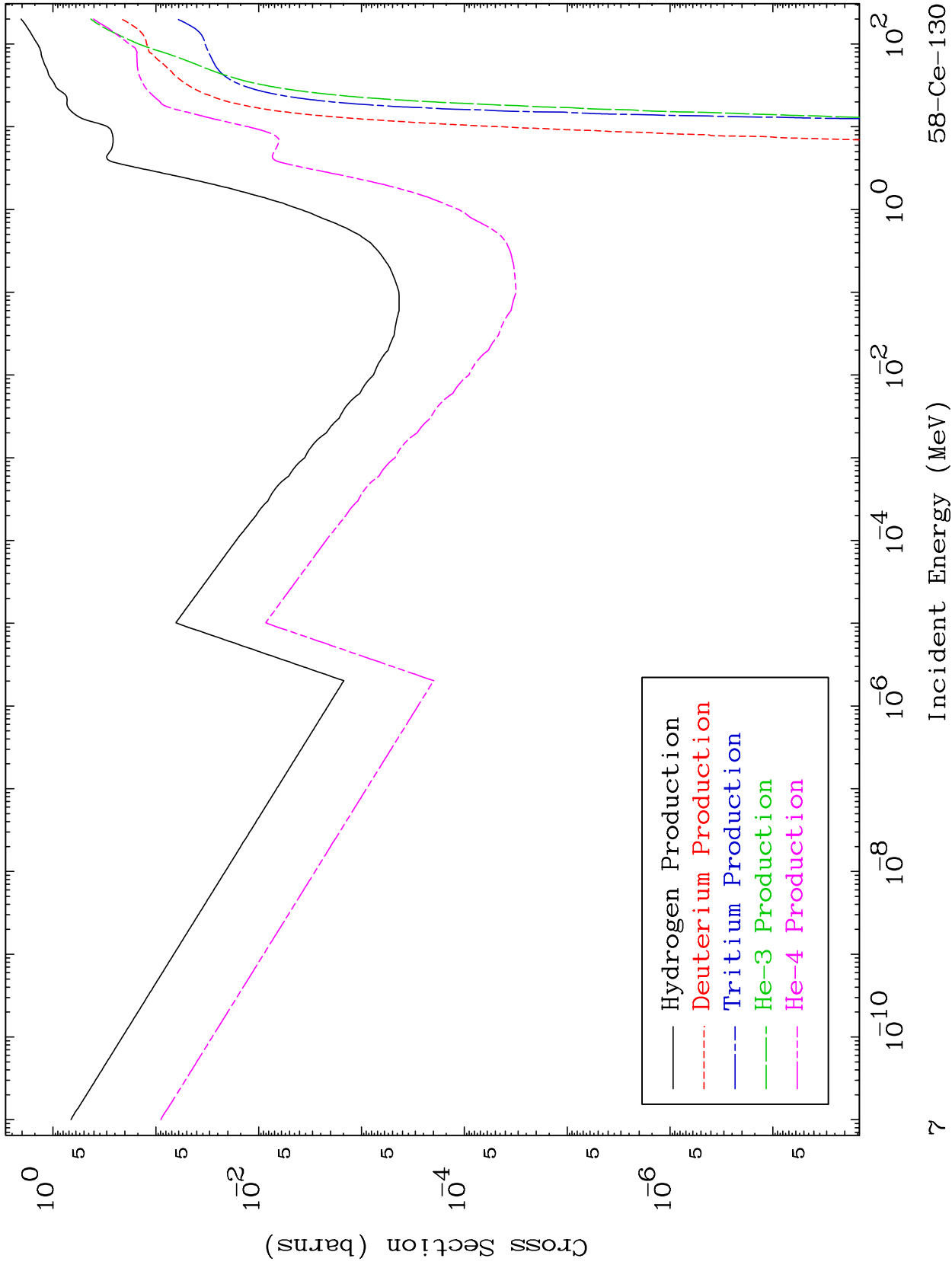
58-Ce-130



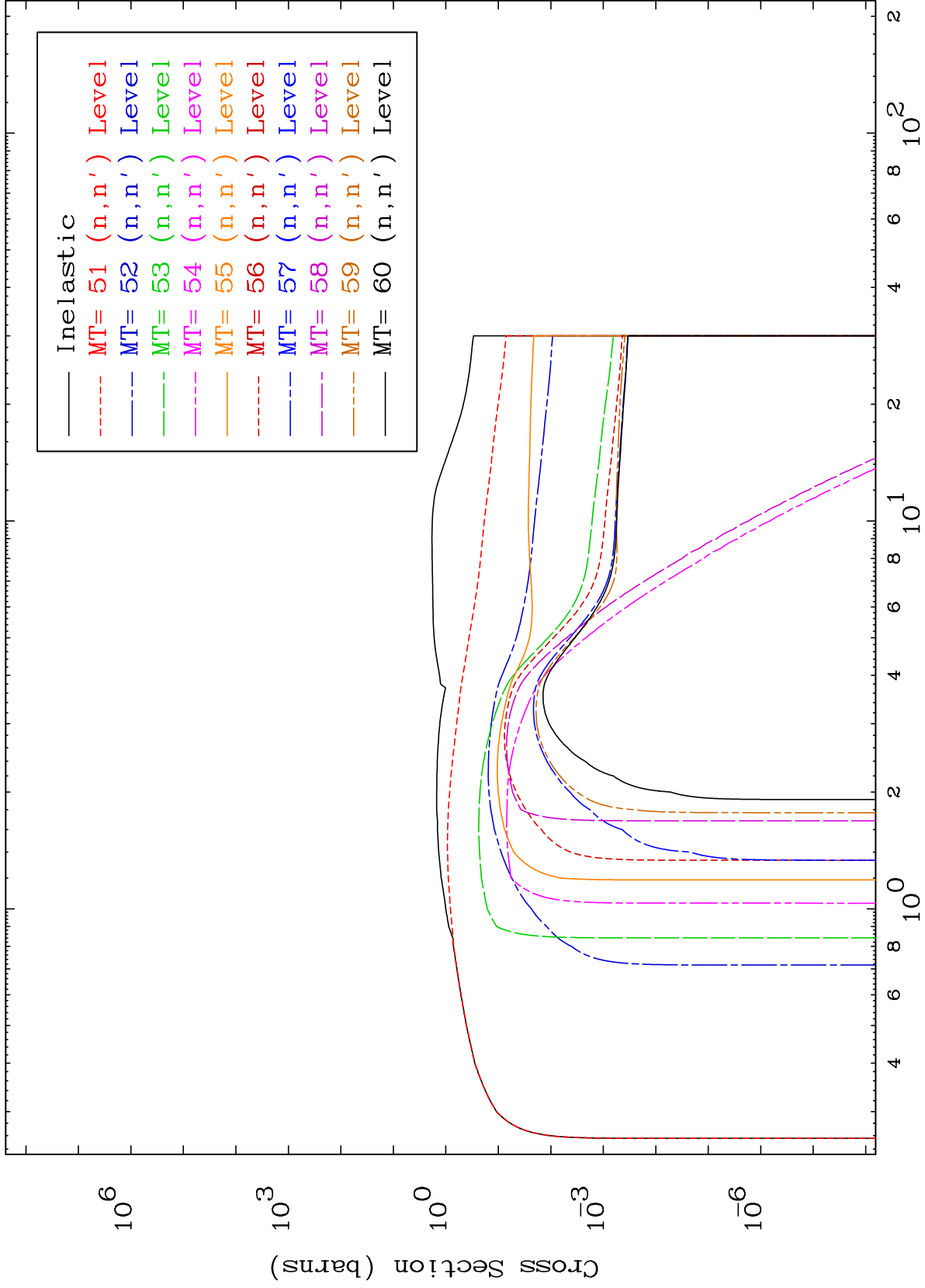
MAT 5807

Particle Production
293 Kelvin Cross Sections

58-Ce-130



293 Kelvin Cross Sections

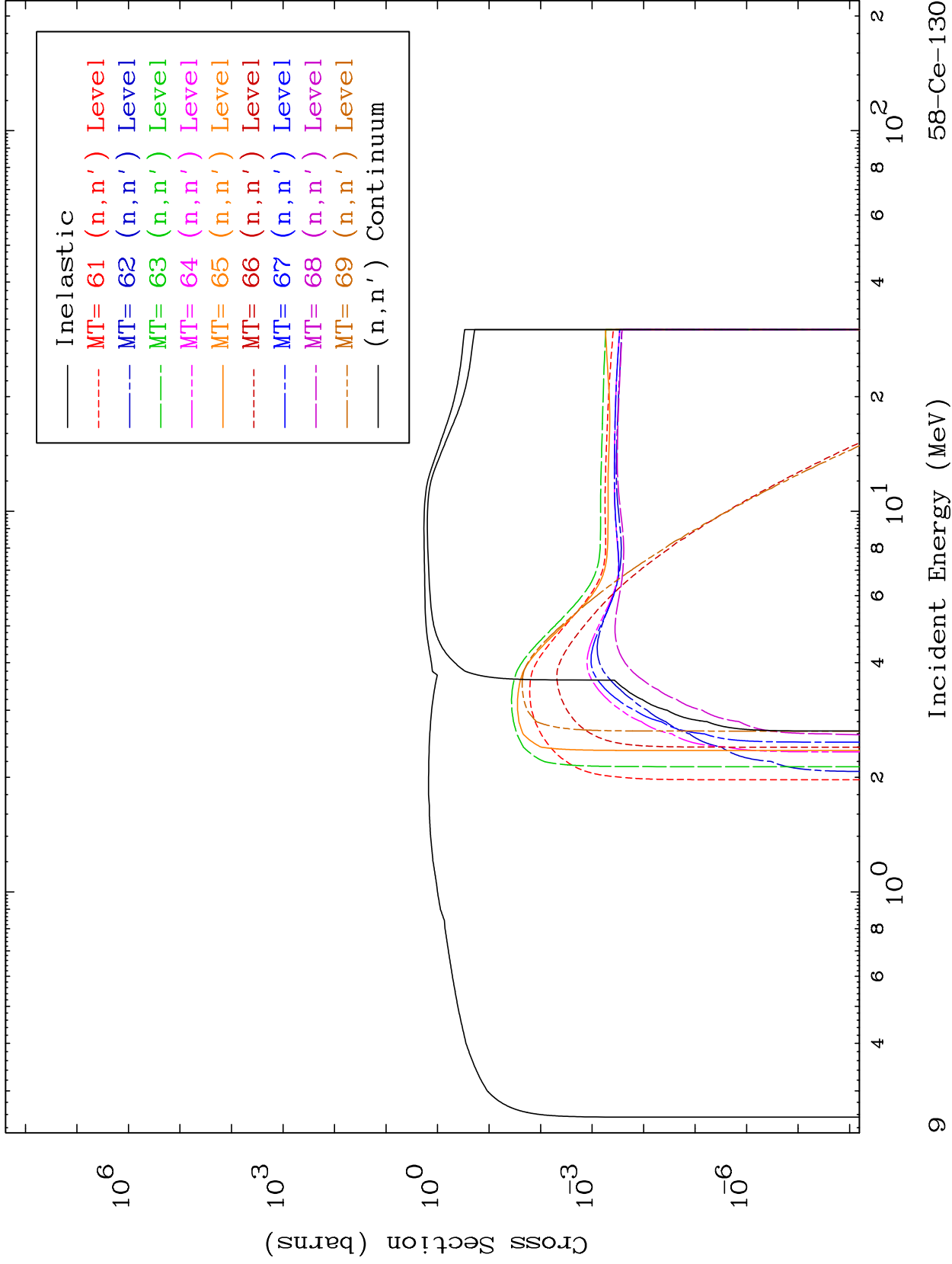


MAT 5807

(n,n') Levels

293 Kelvin Cross Sections

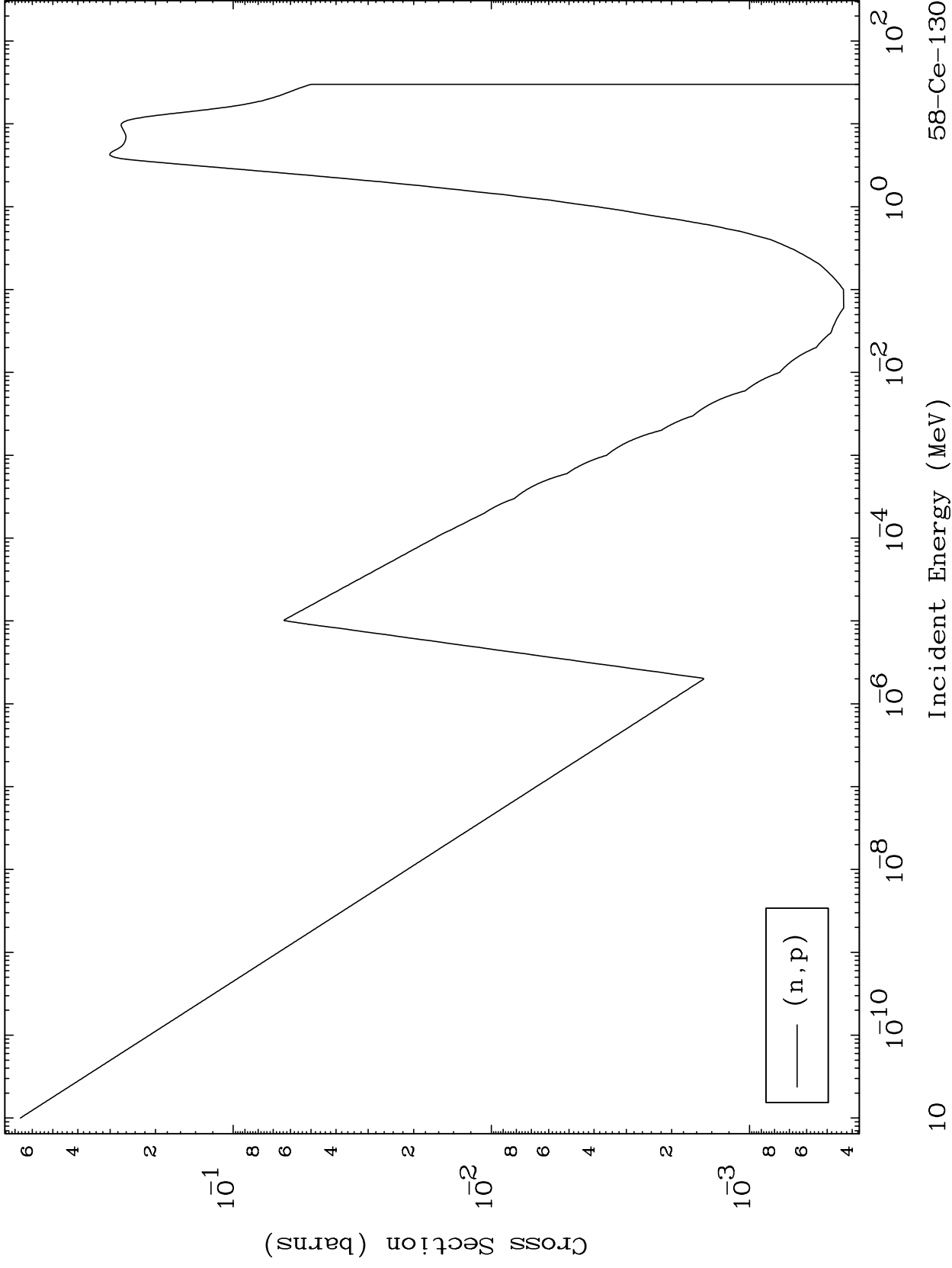
58-Ce-130



MAT 5807

(n,p) Levels
293 Kelvin Cross Sections

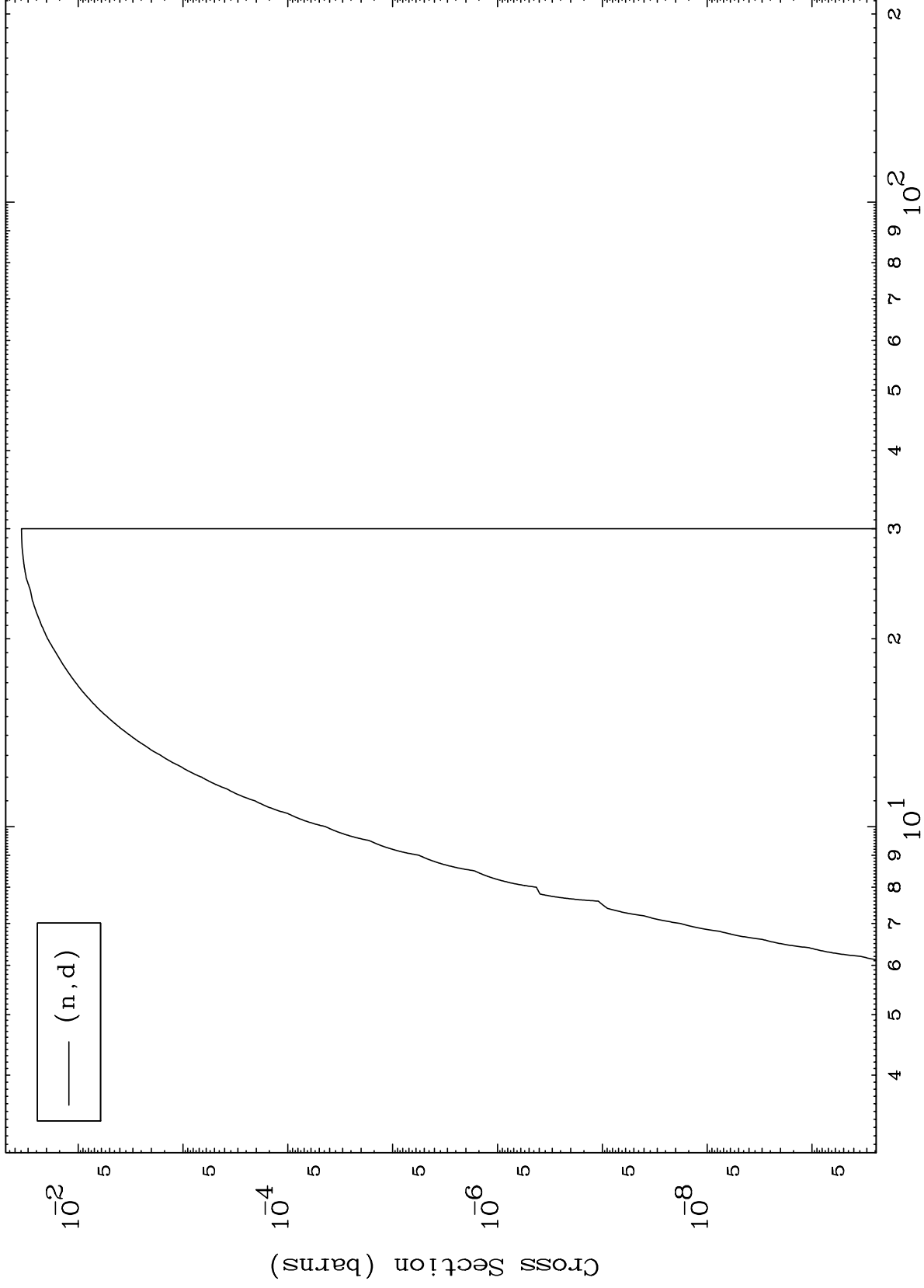
58-Ce-130



MAT 5807

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-130



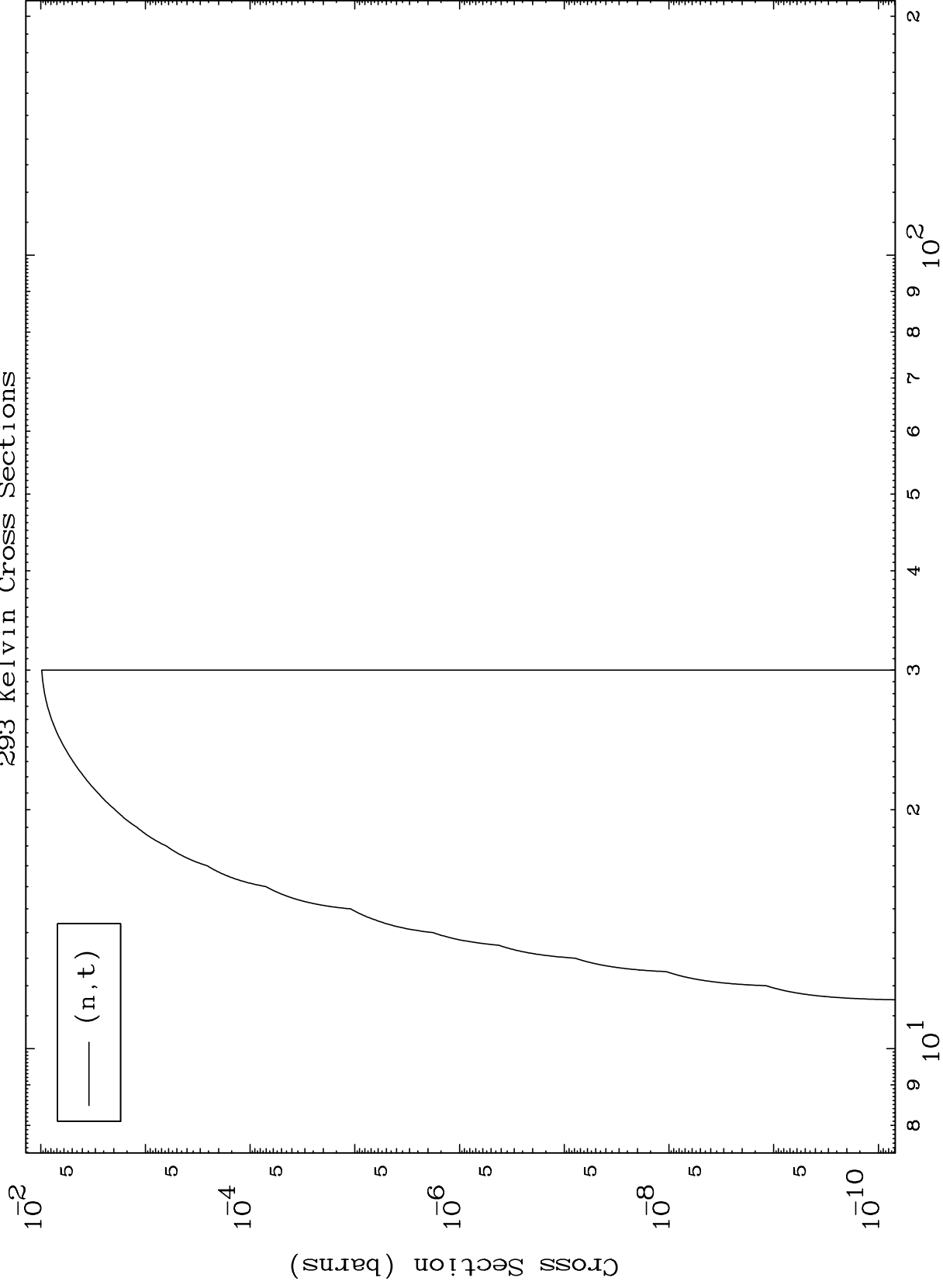
11

58-Ce-130

MAT 5807

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-130



12

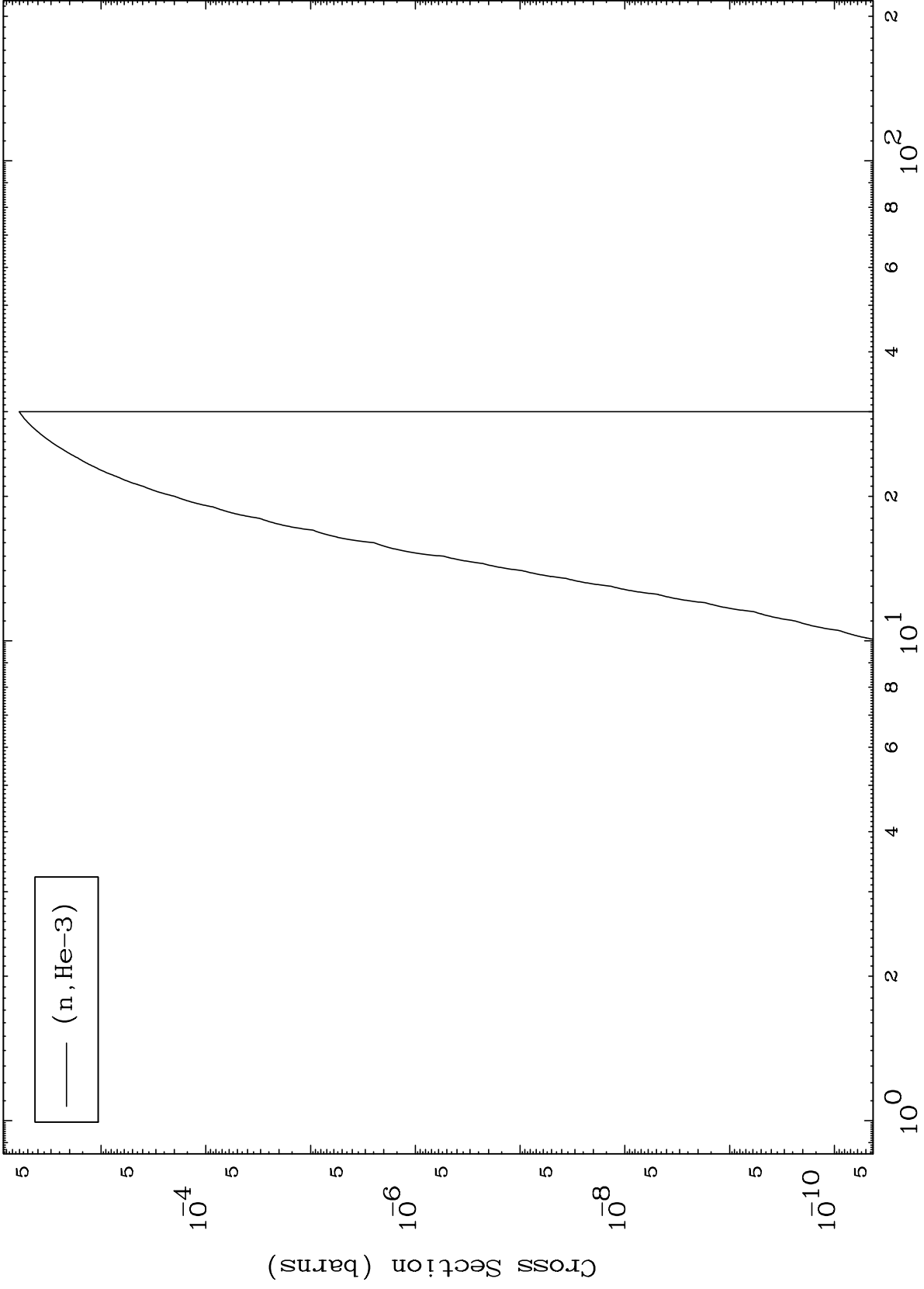
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-130



13

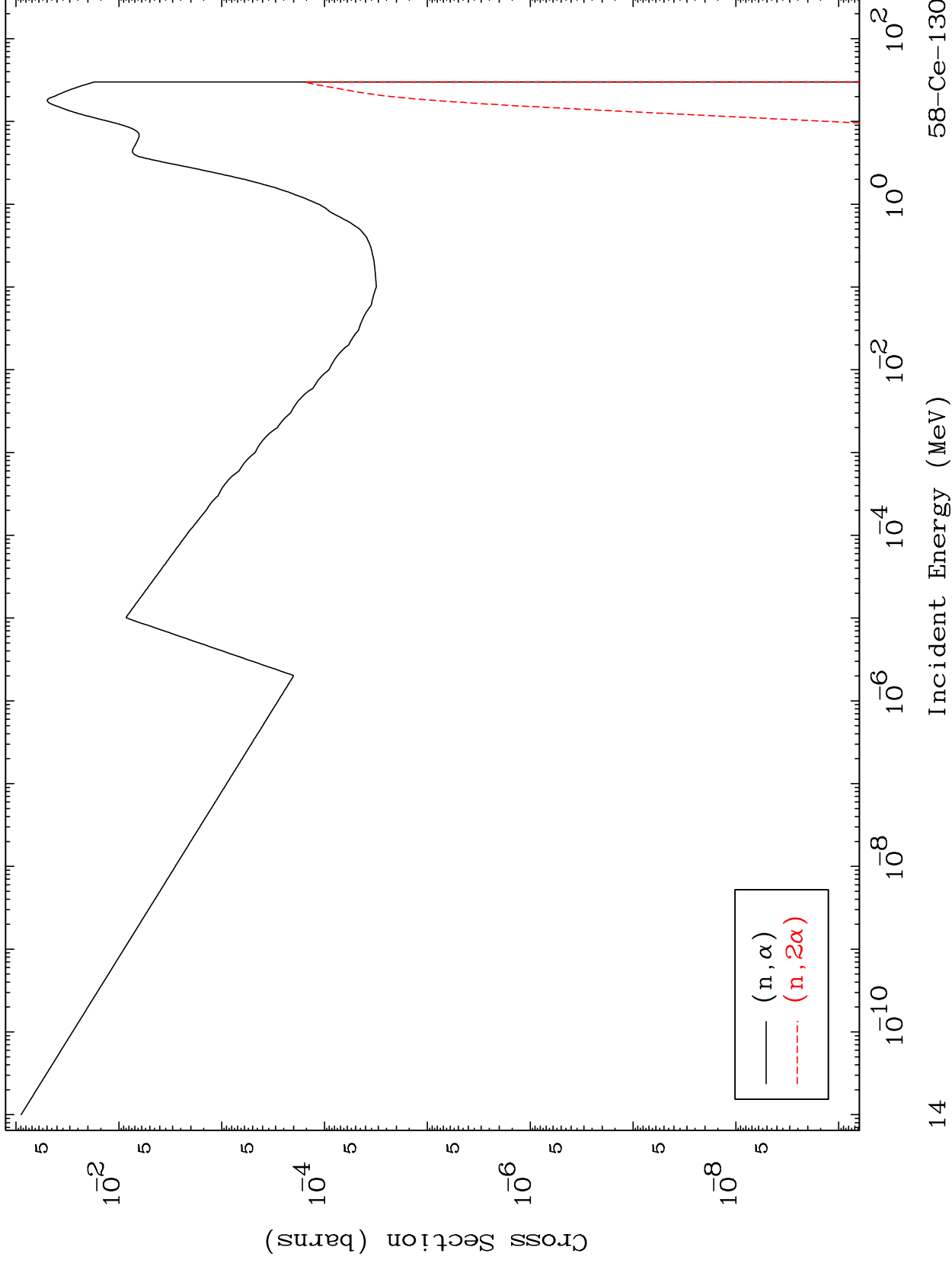
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,α) Levels
293 Kelvin Cross Sections

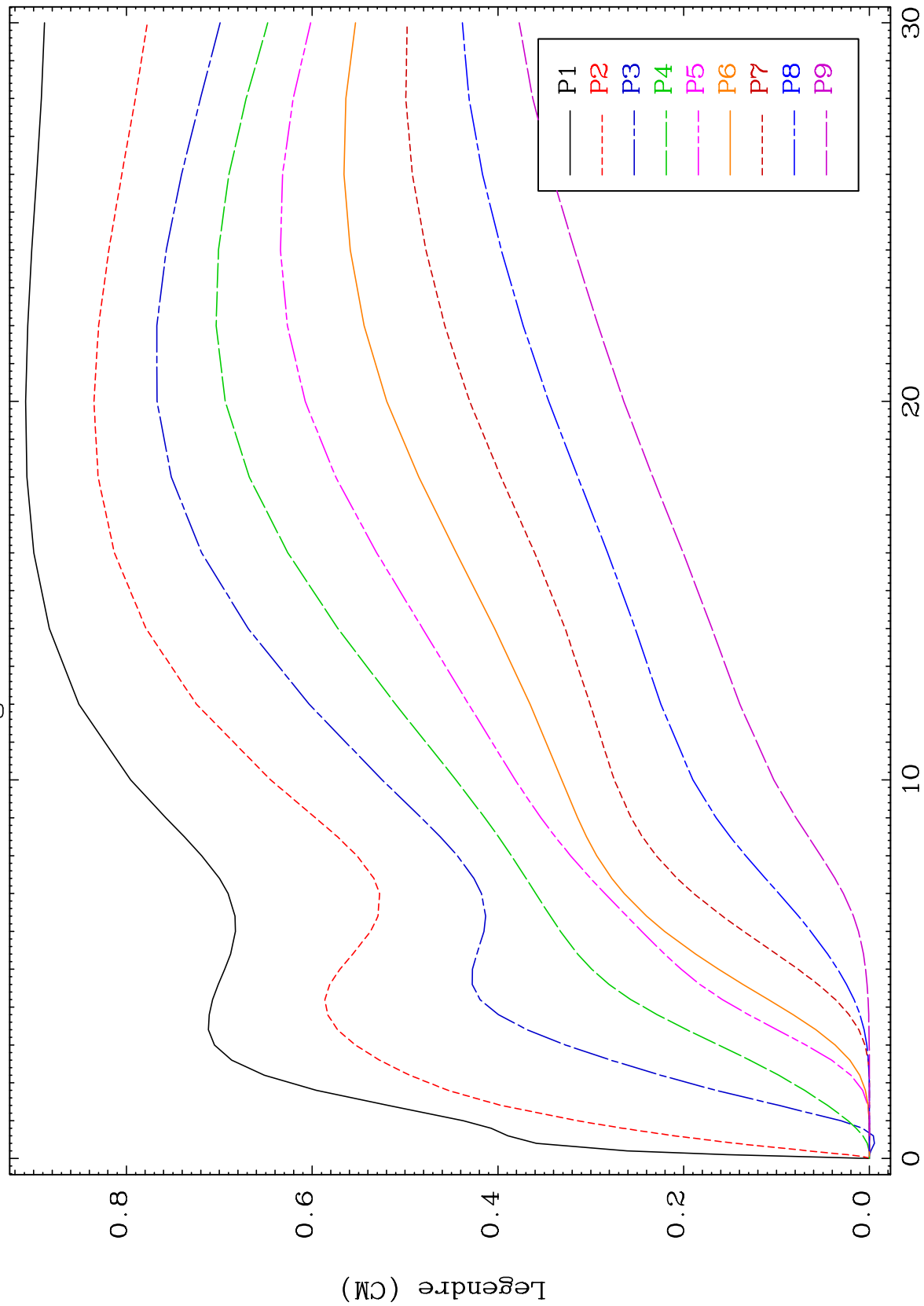
58-Ce-130



MAT 5807

Elastic Legendre Coefficients

58-Ce-130



15

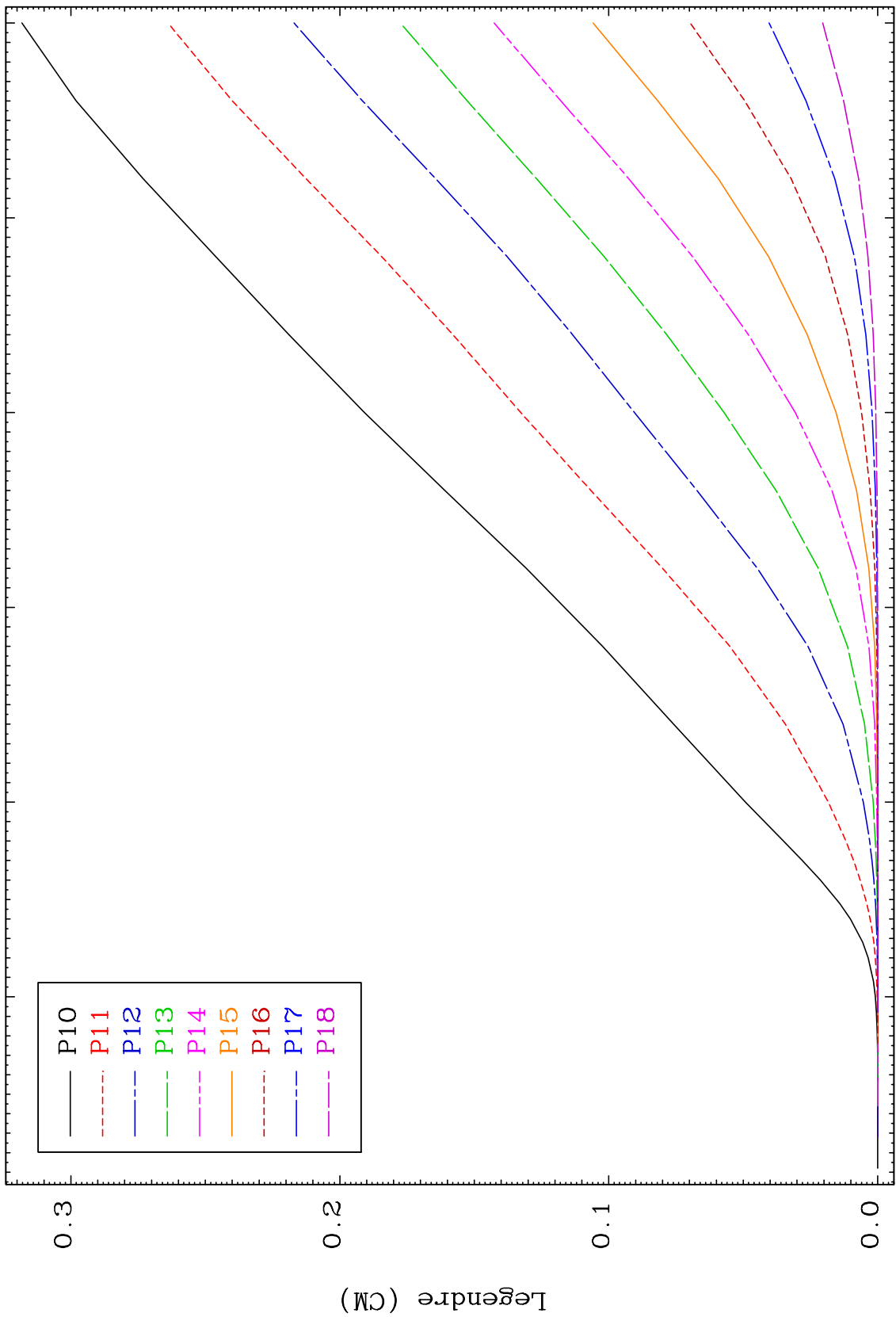
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

58-Ce-130



16

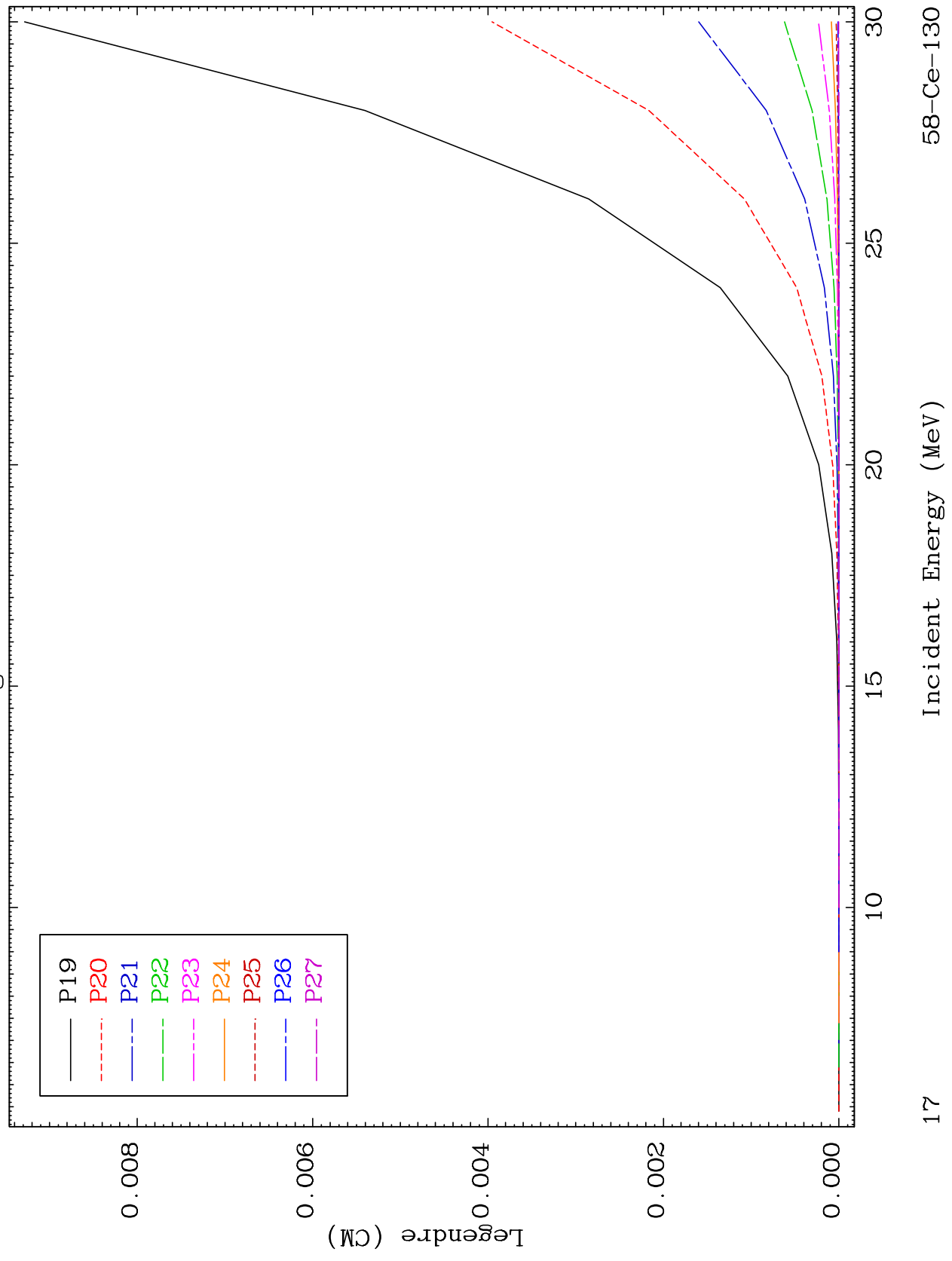
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

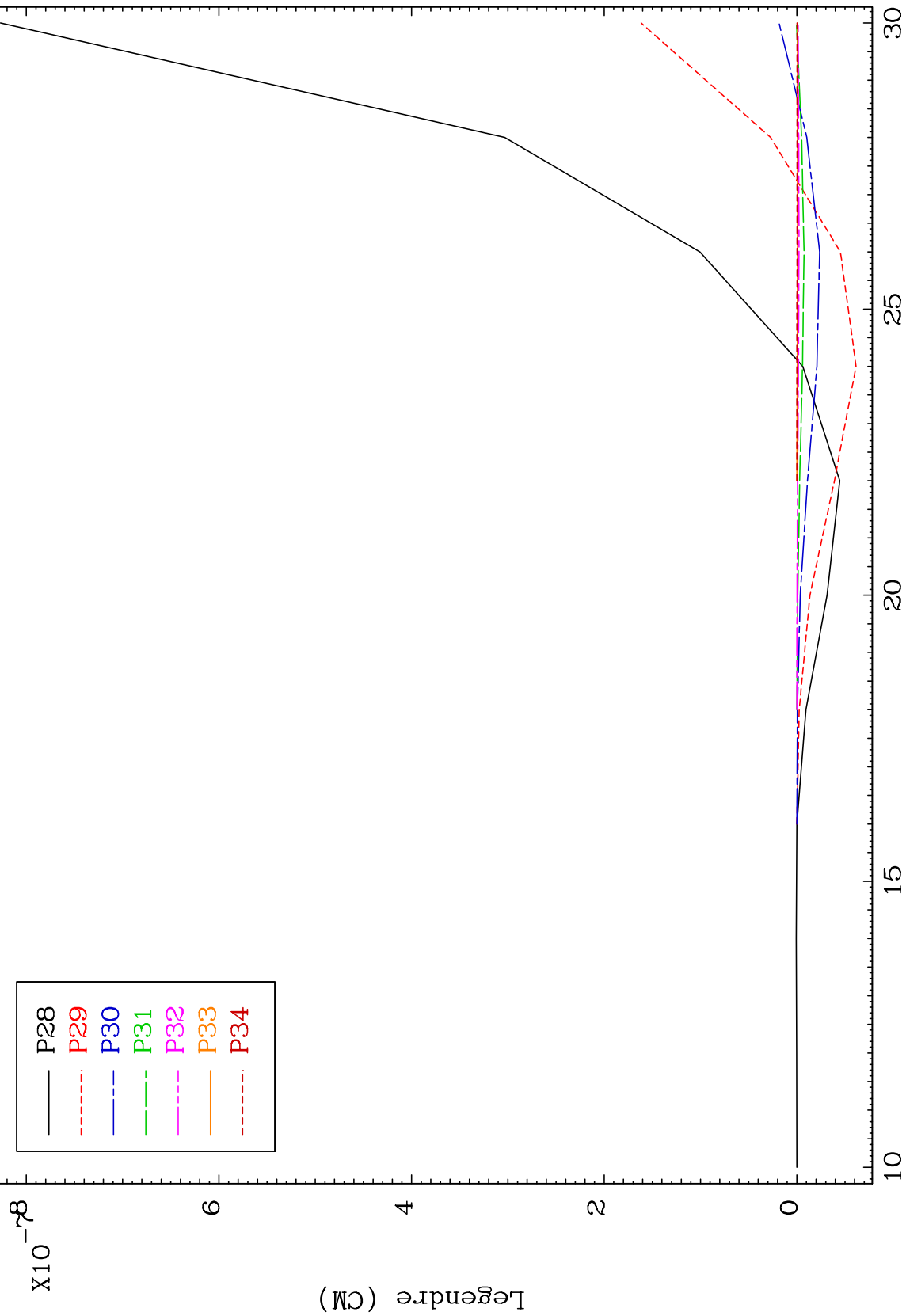
58-Ce-130



MAT 5807

Elastic Legendre Coefficients

58-Ce-130



18

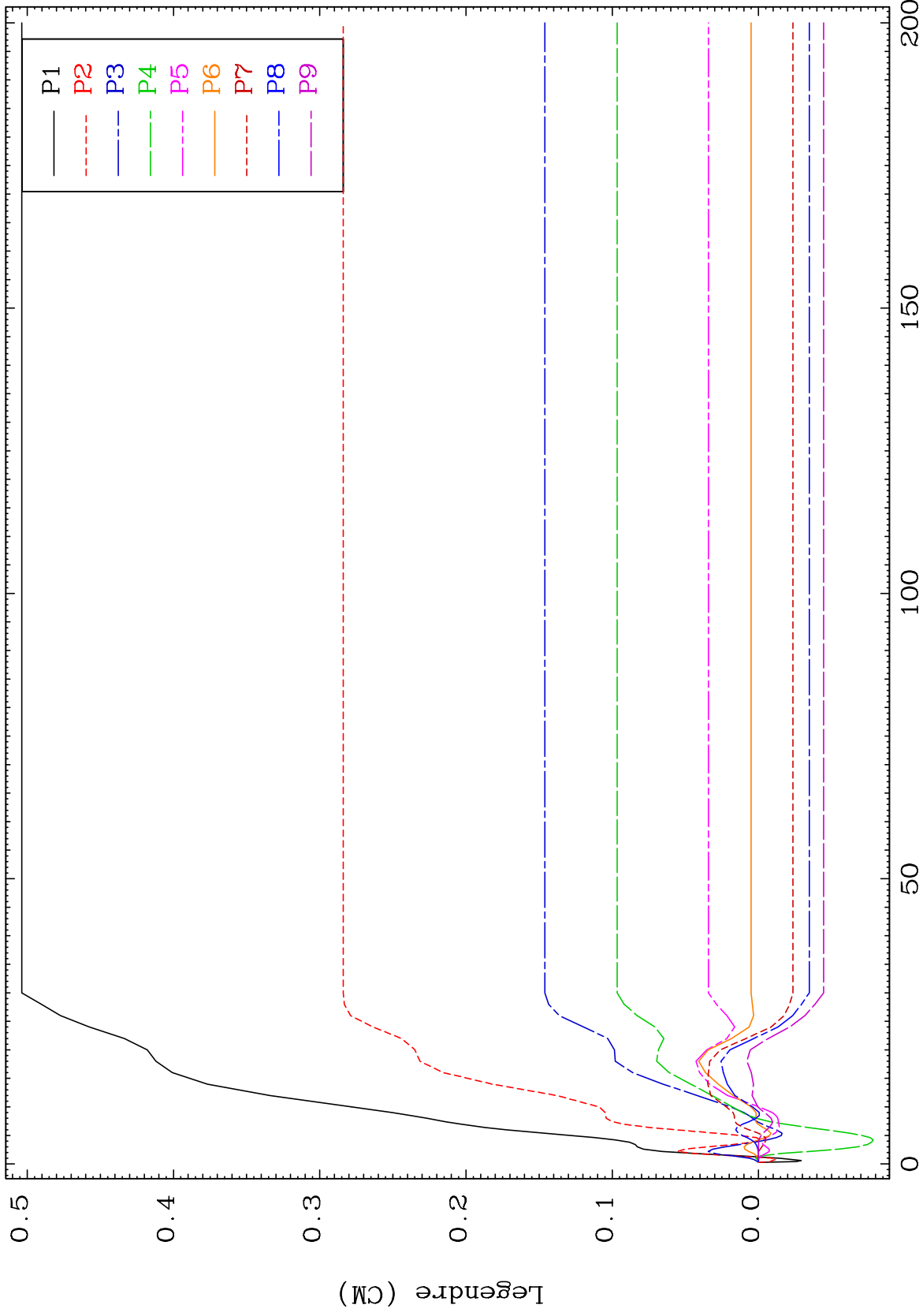
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



19

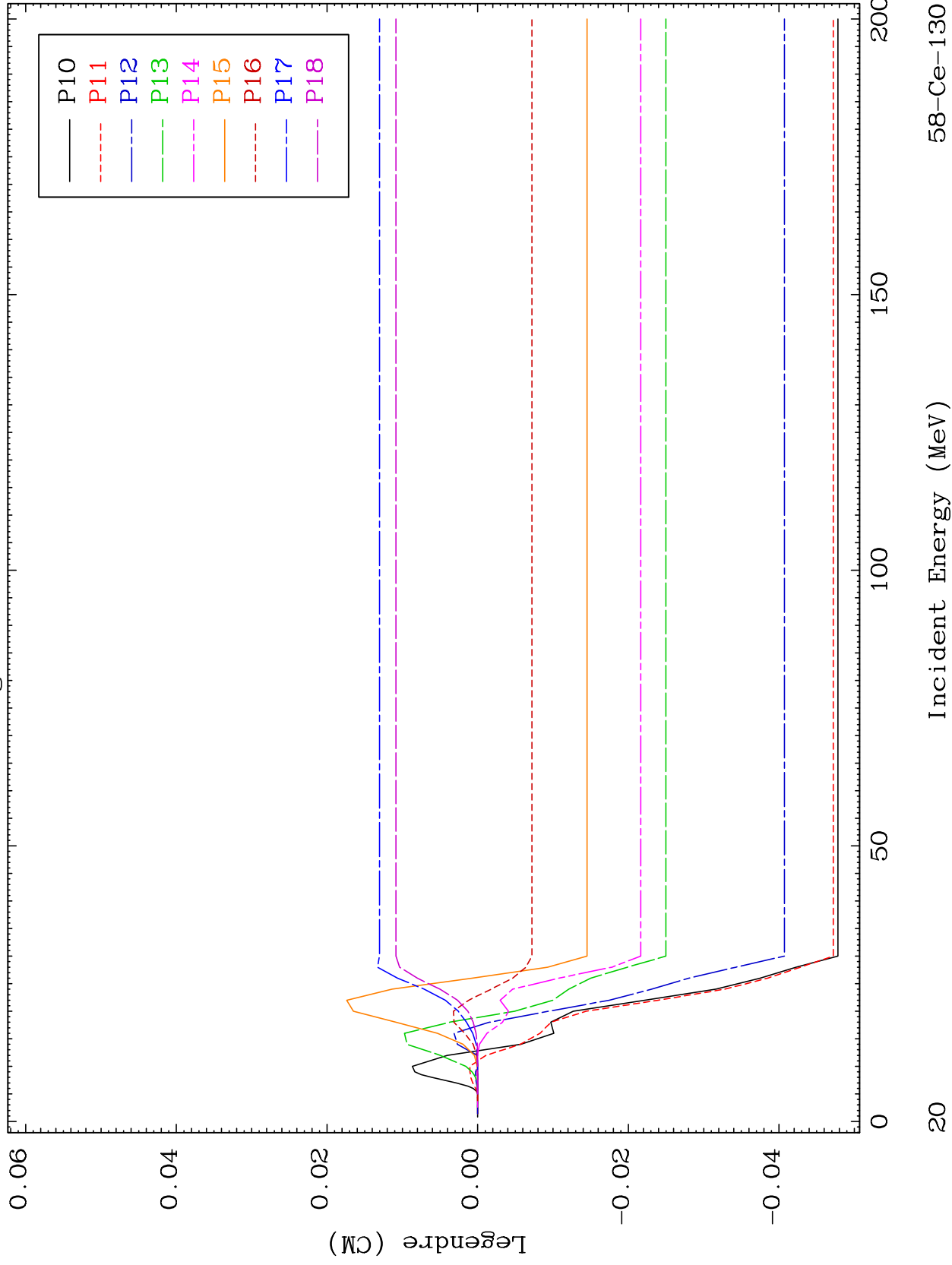
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

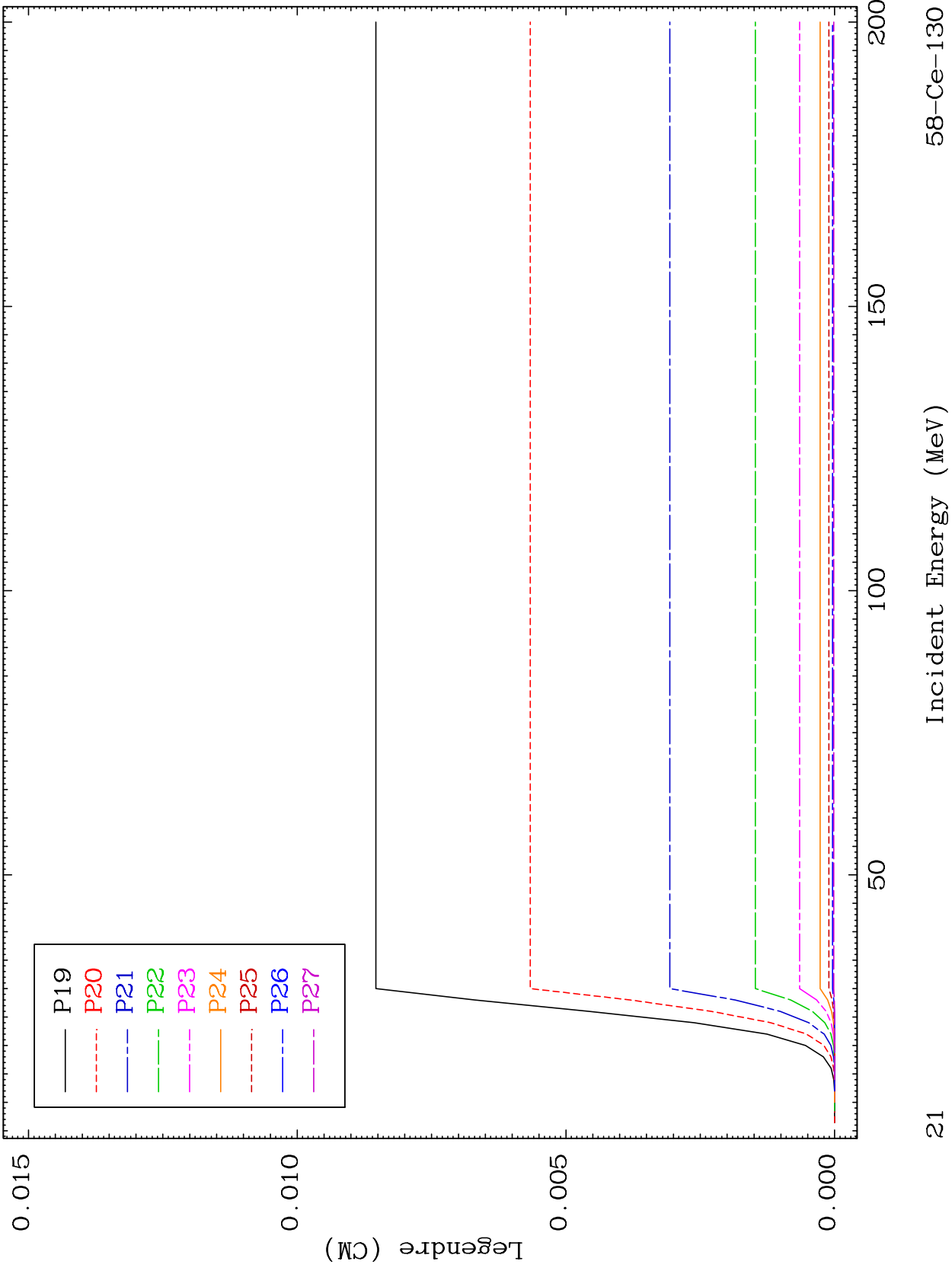
58-Ce-130



MAT 5807

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

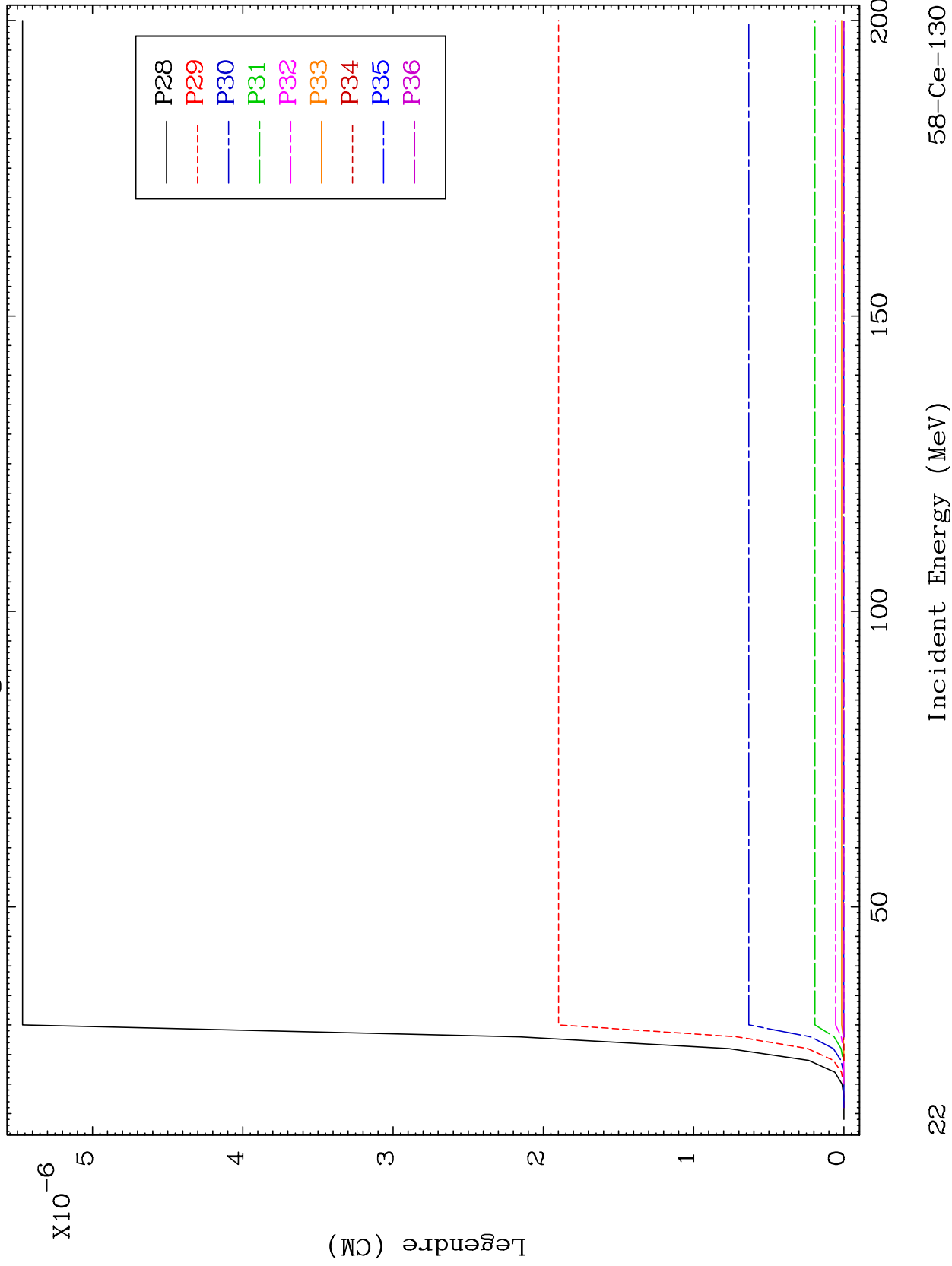
58-Ce-130



MAT 5807

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

58-Ce-130



22

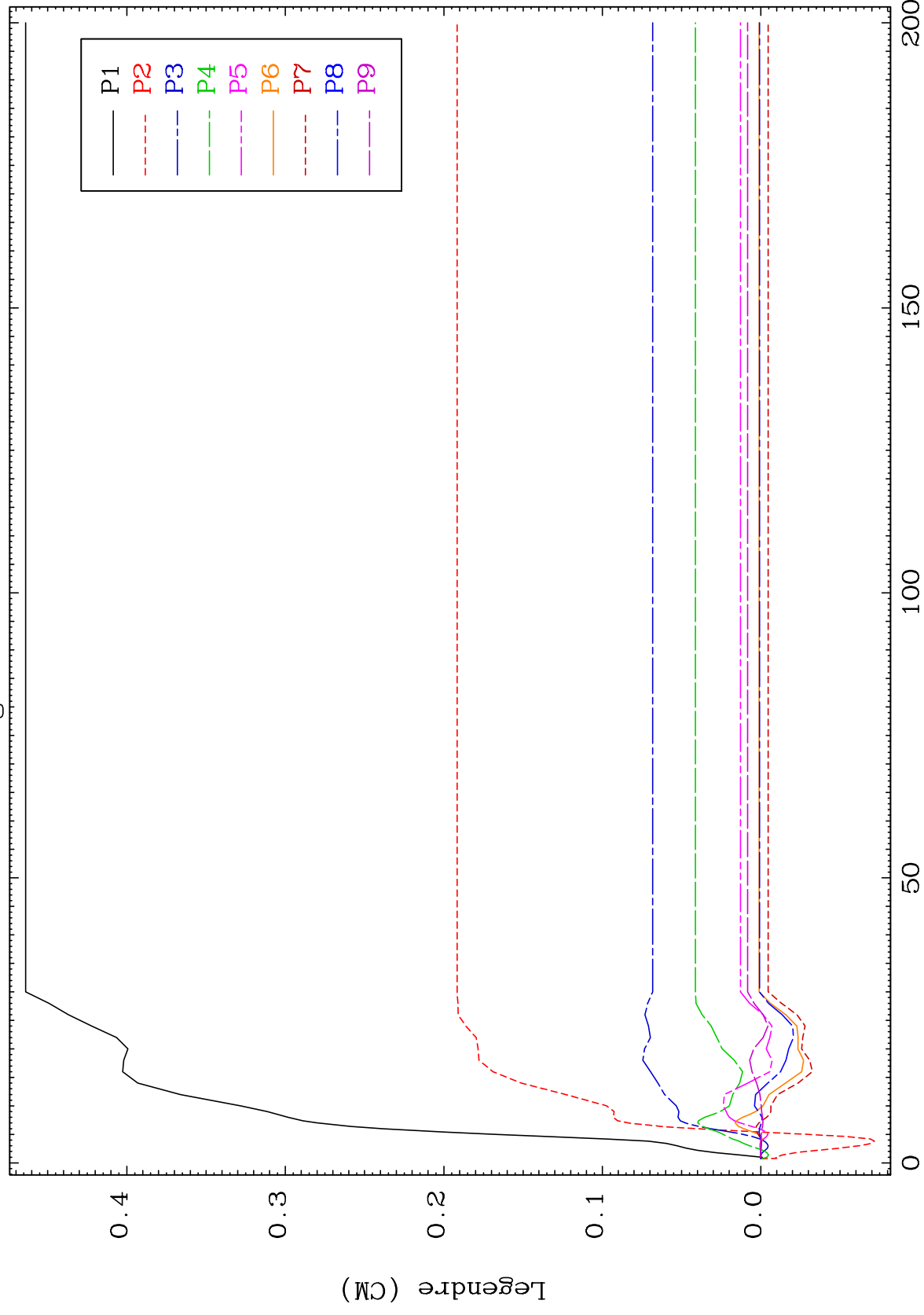
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



23

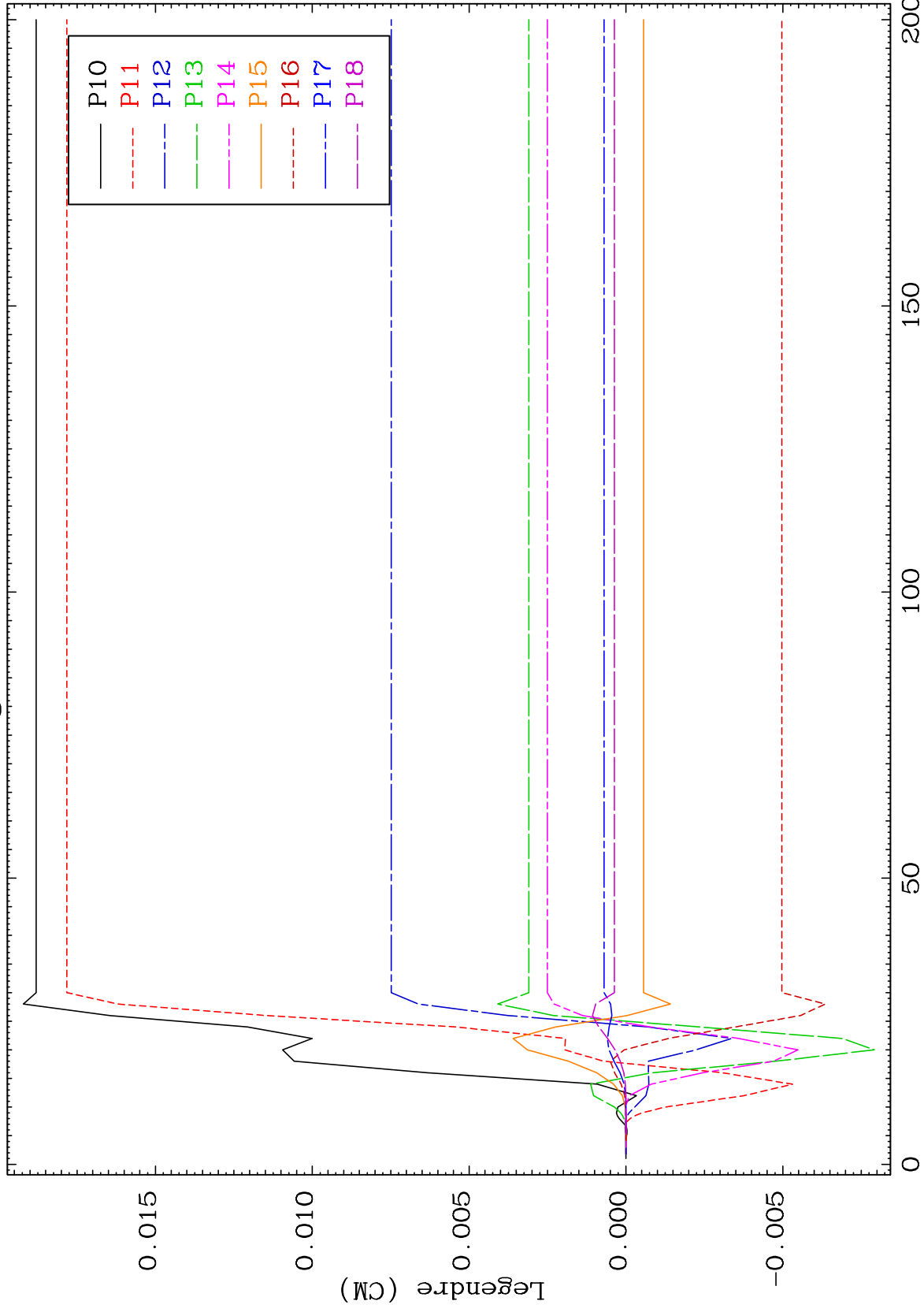
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



24

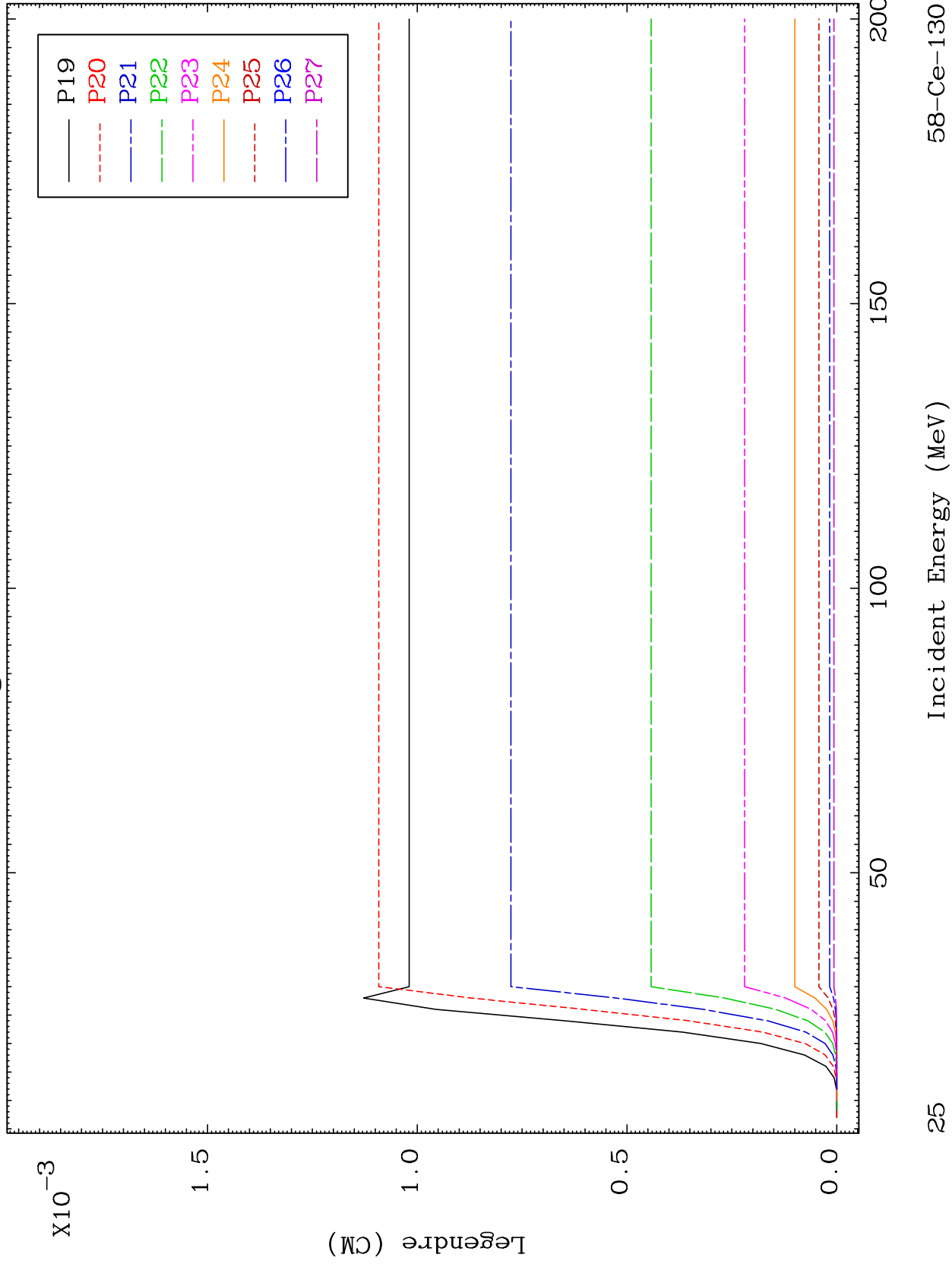
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

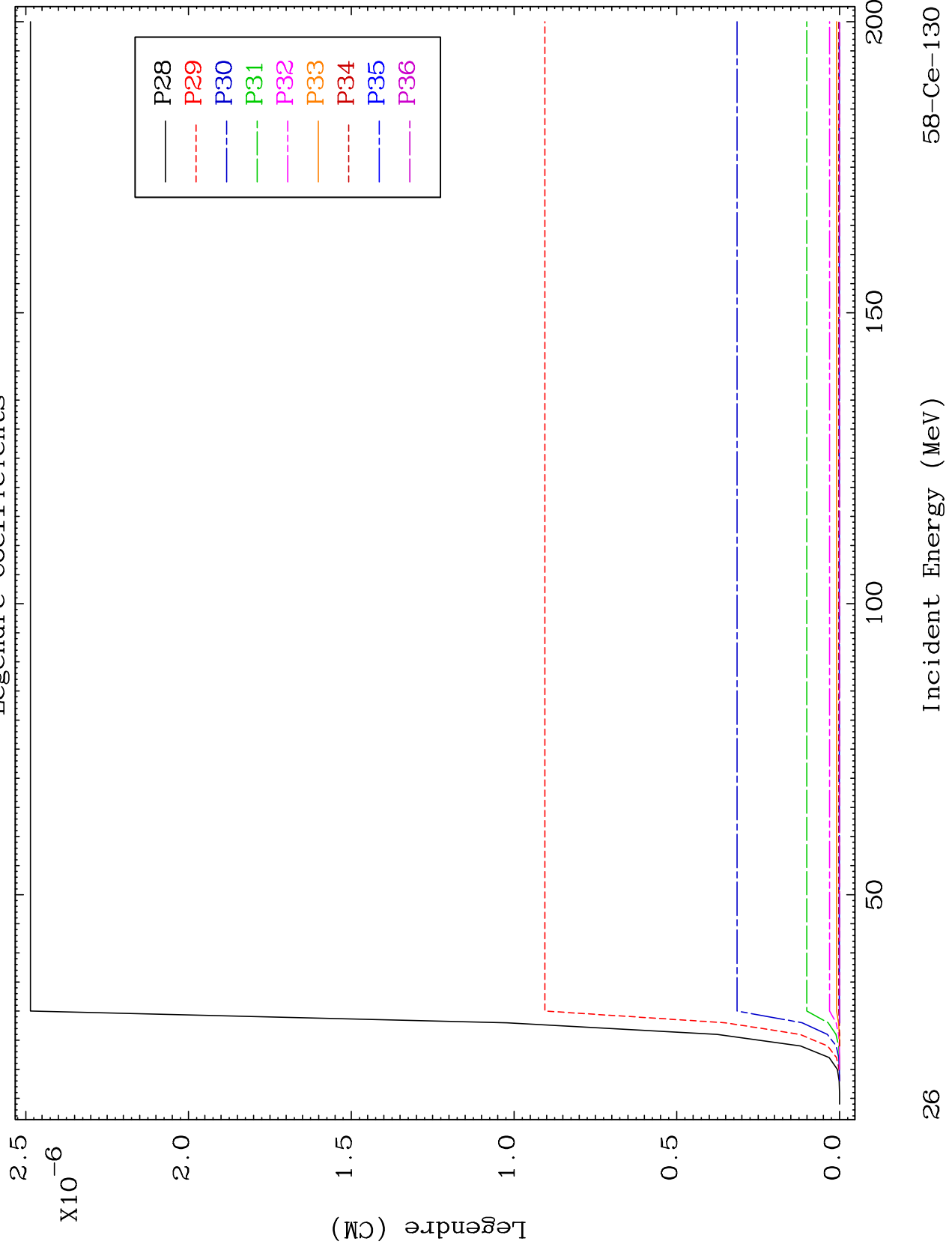
58-Ce-130



MAT 5807

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

58-Ce-130



26

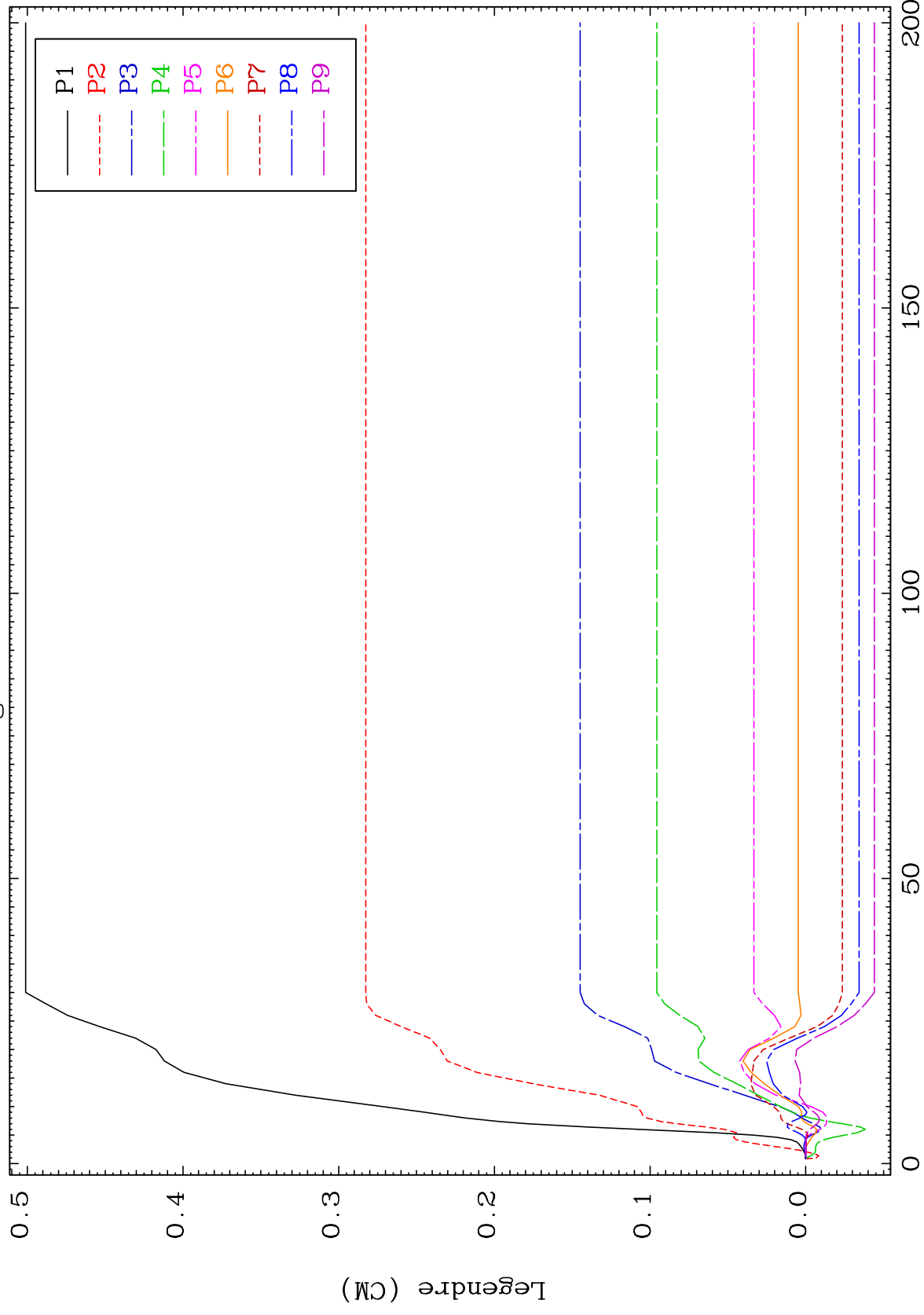
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

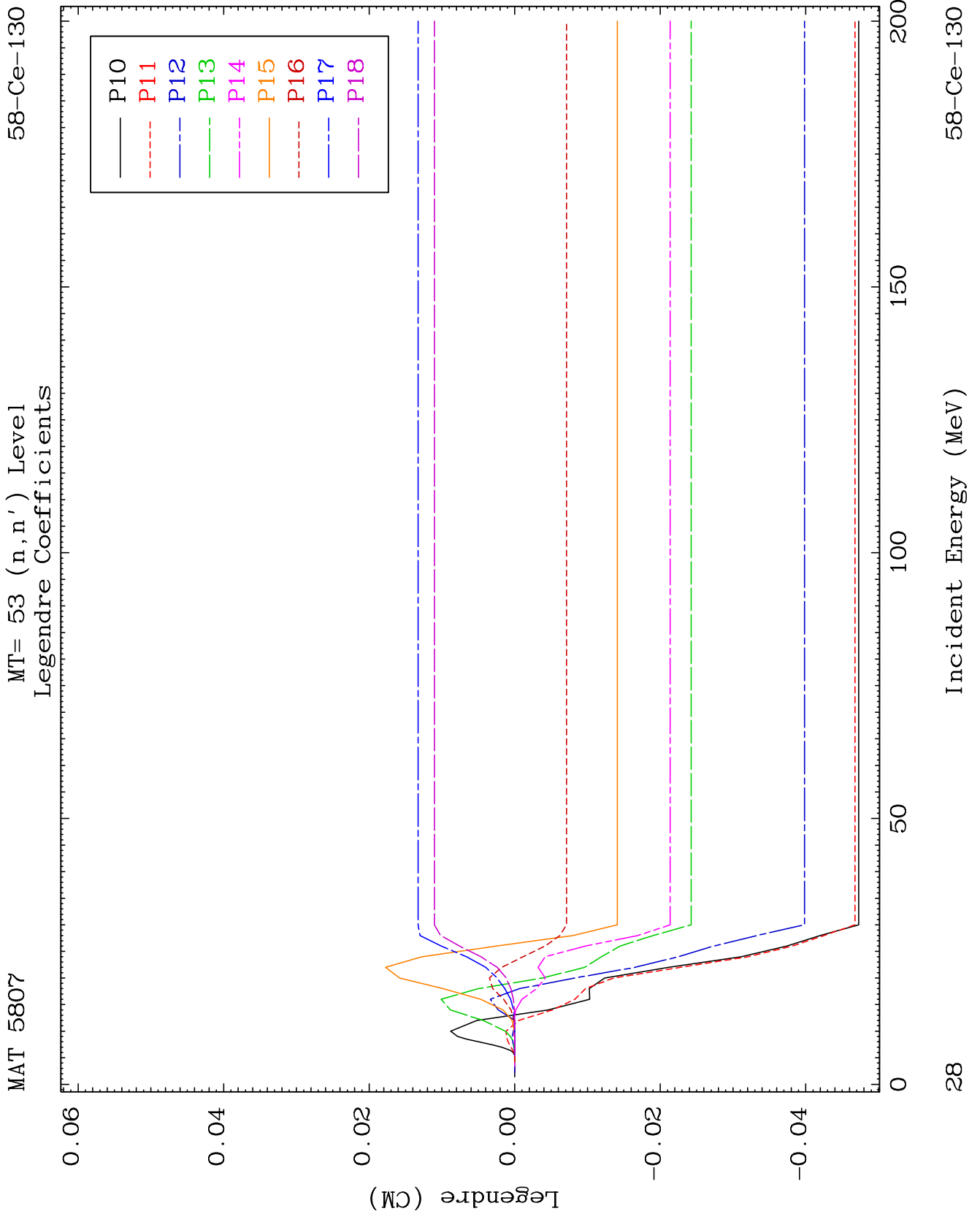
58-Ce-130



27

Incident Energy (MeV)

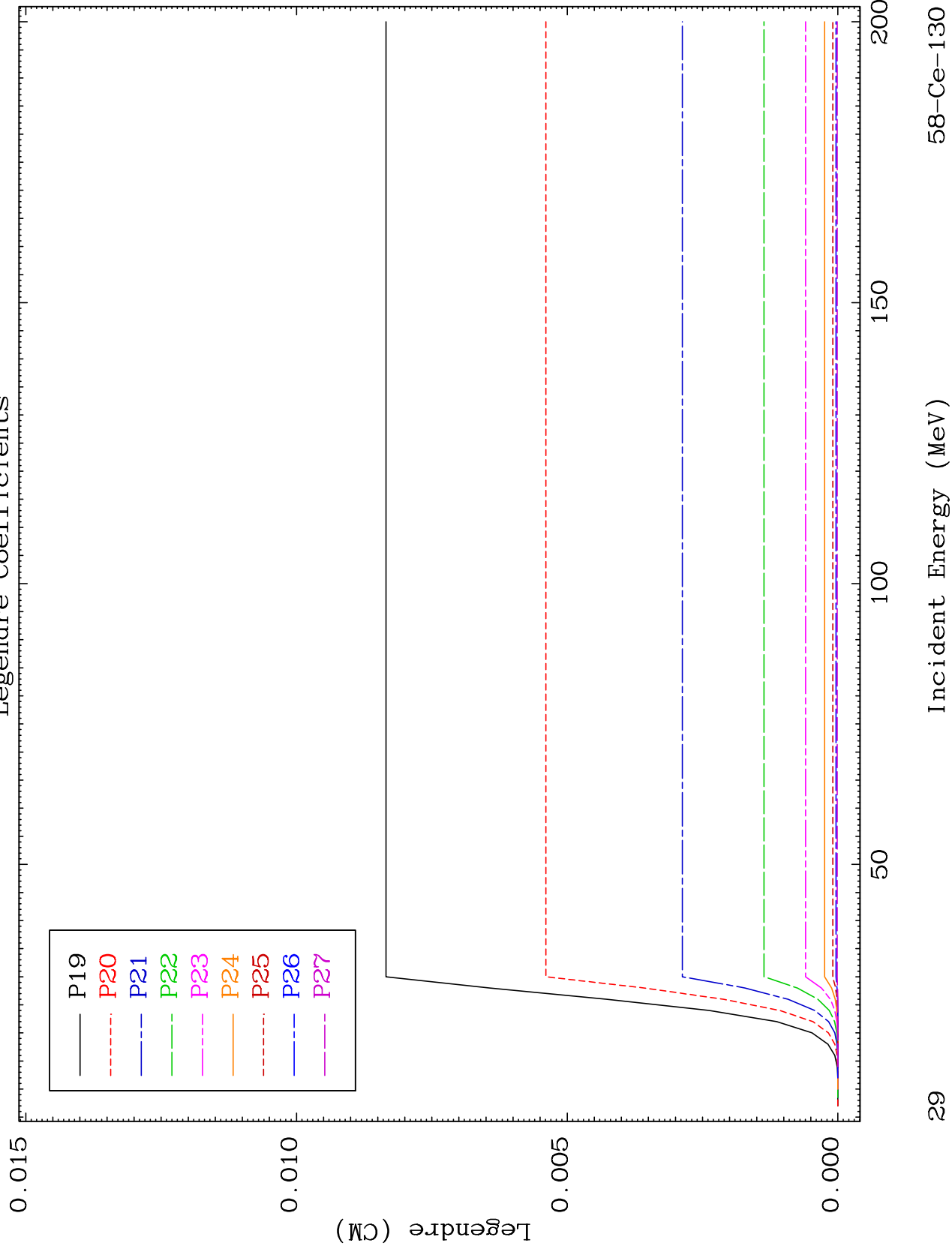
58-Ce-130



MAT 5807

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

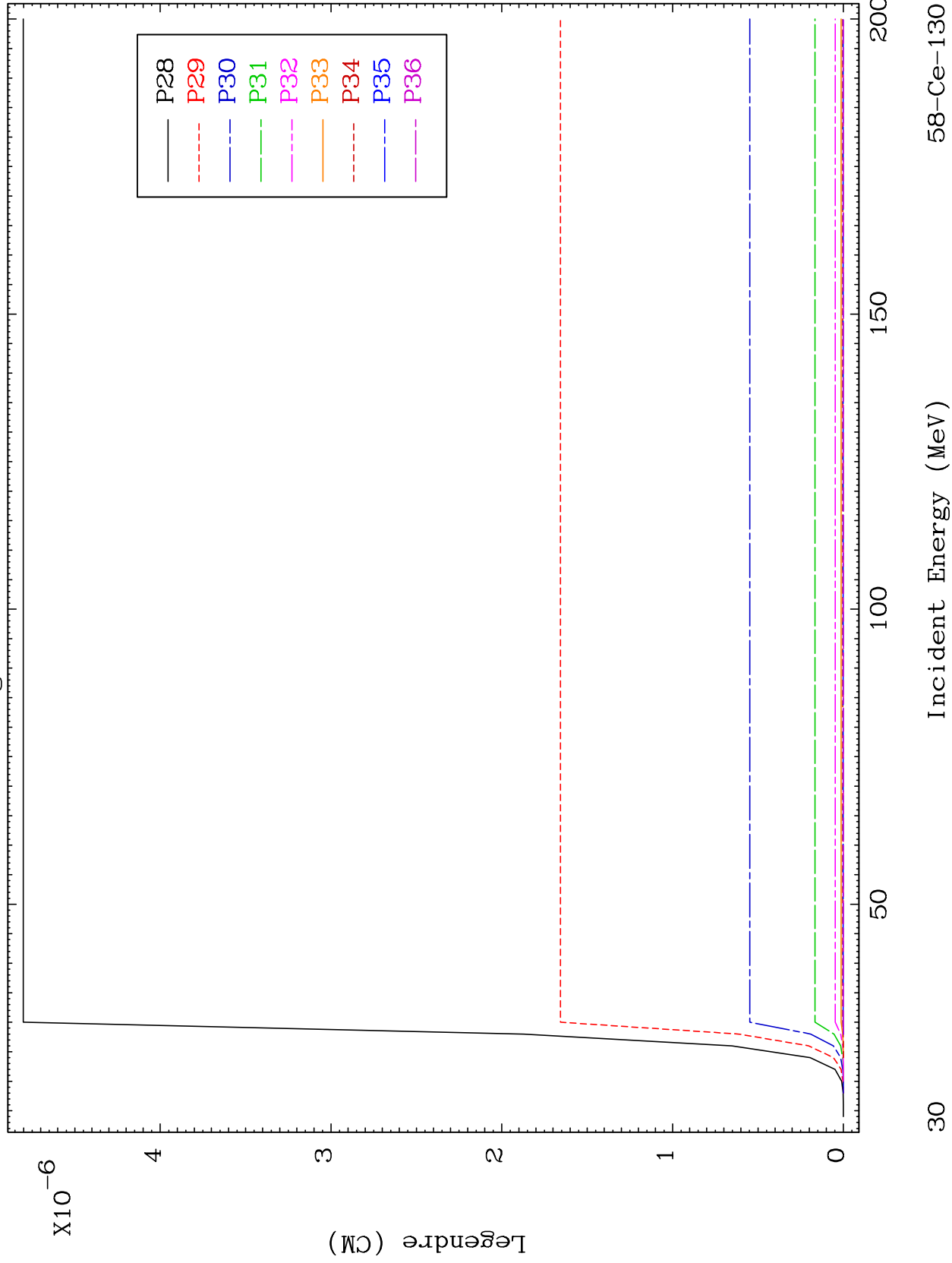
58-Ce-130

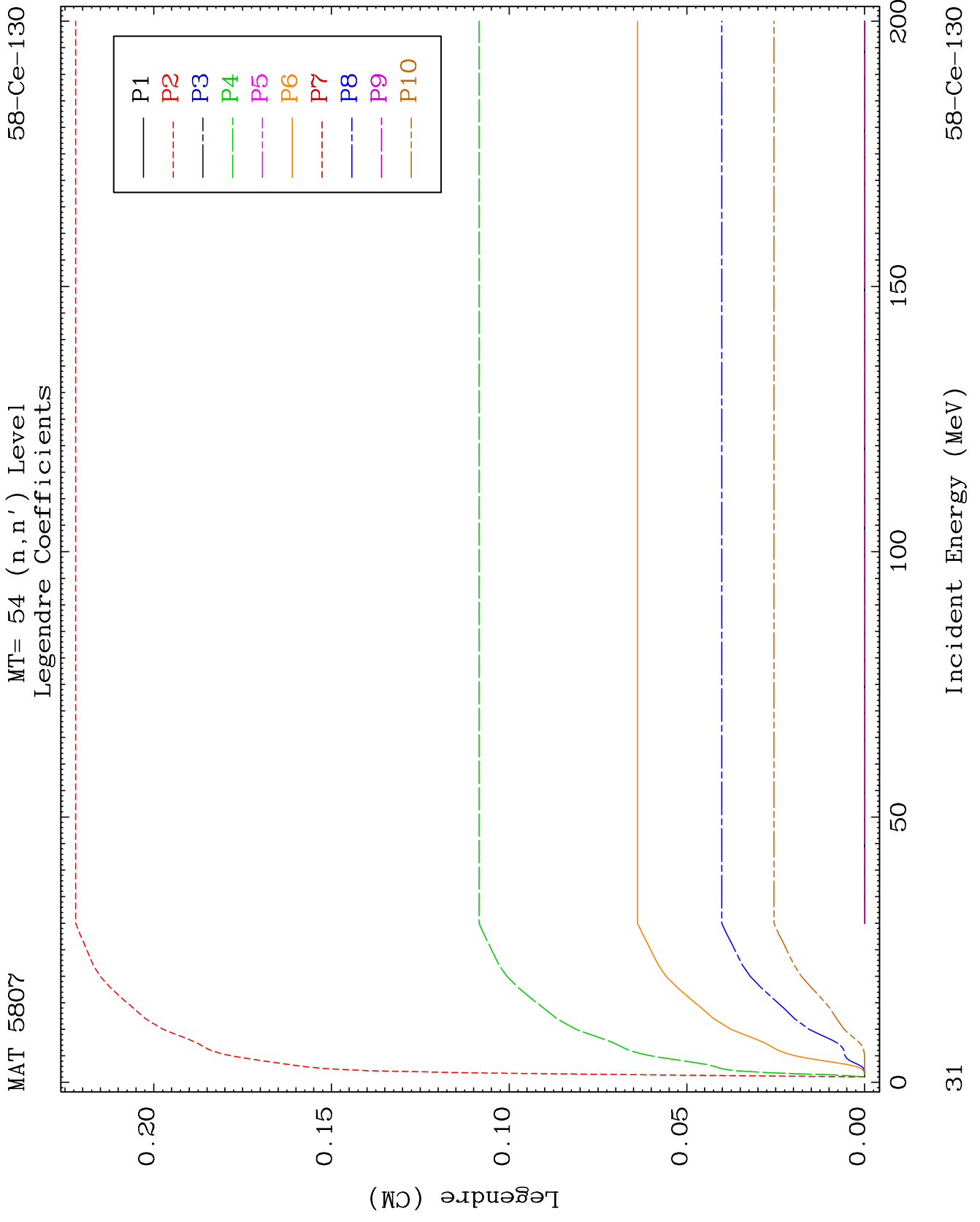


MAT 5807

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

58-Ce-130

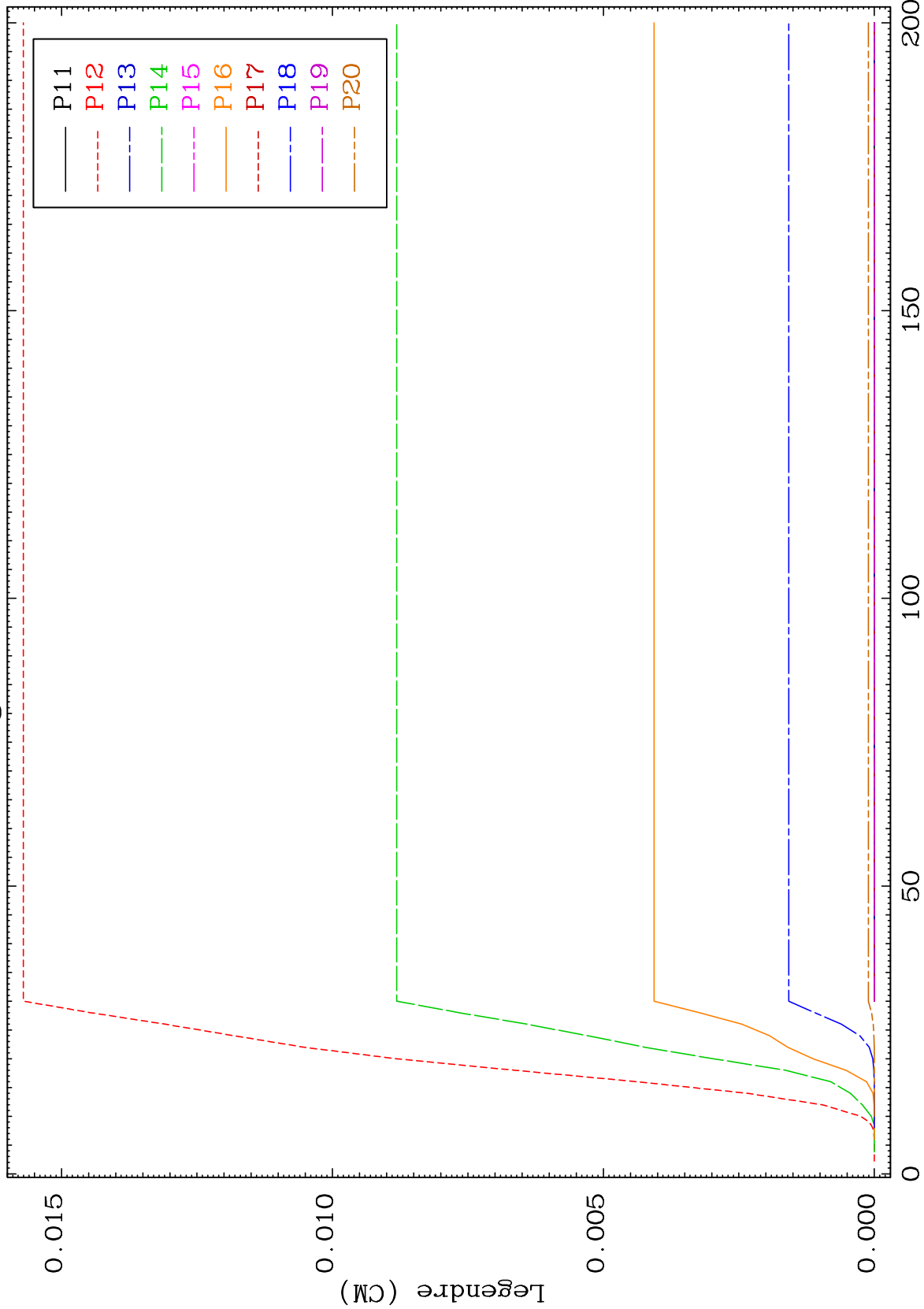




MAT 5807

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

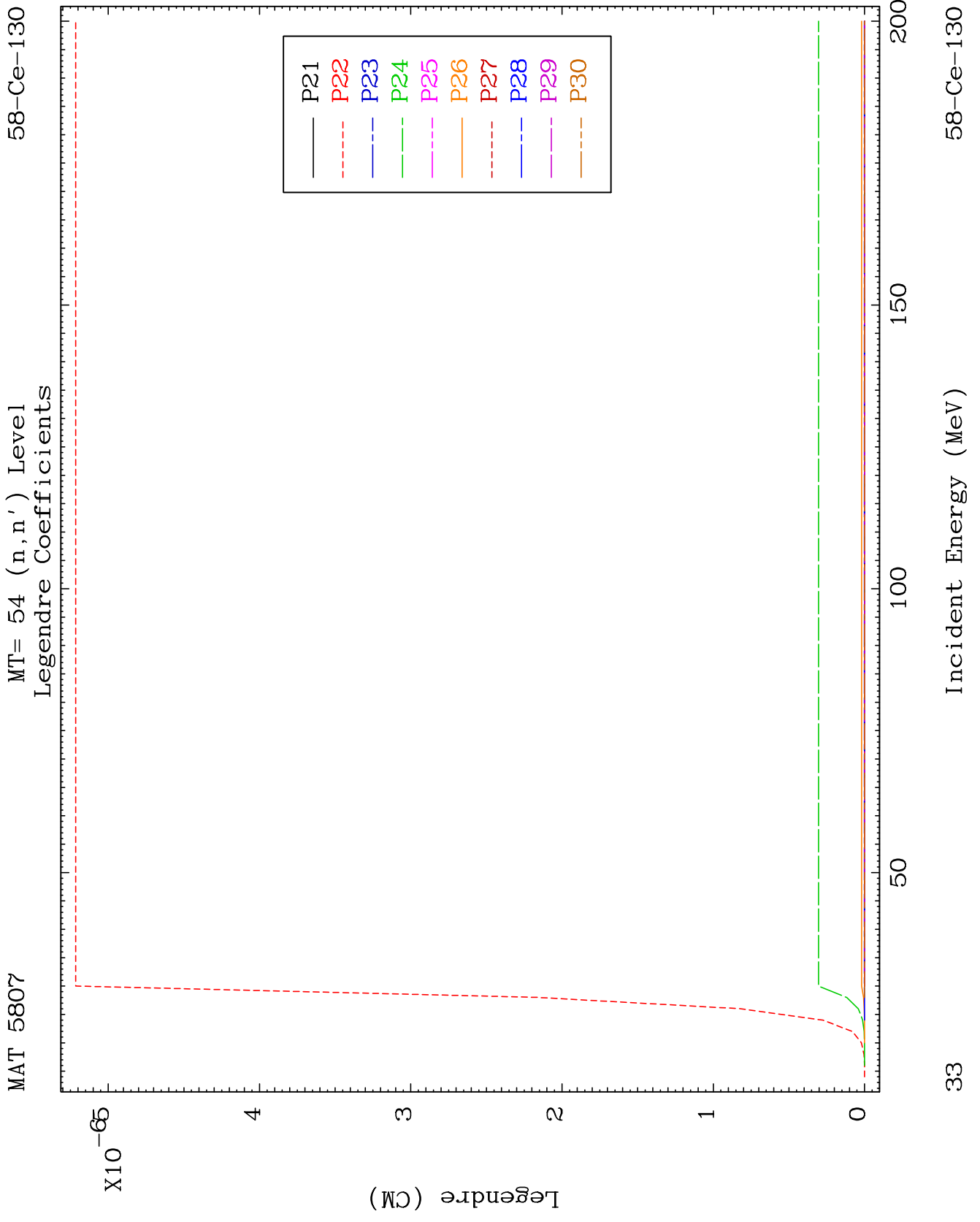
58-Ce-130



32

Incident Energy (MeV)

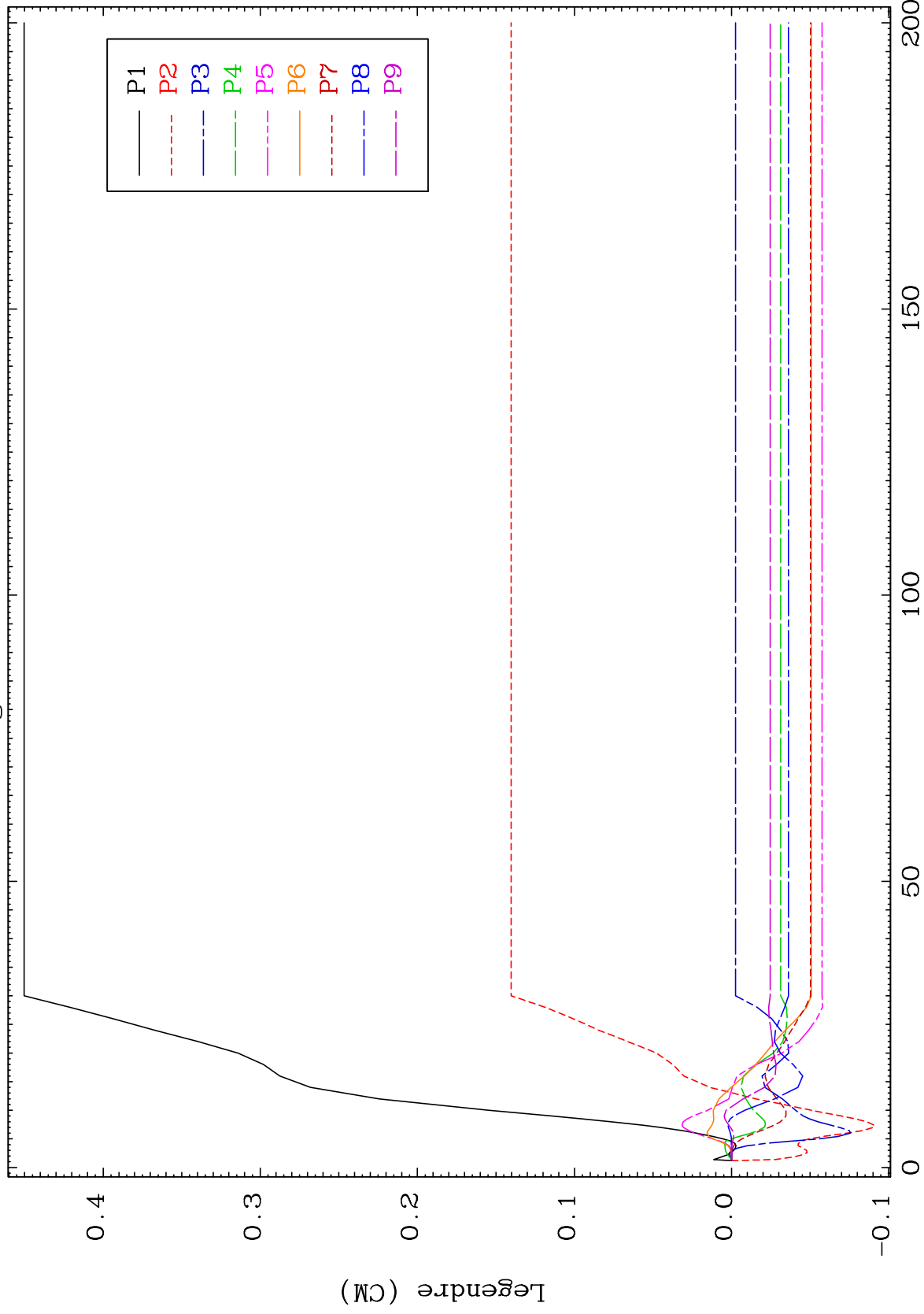
58-Ce-130



MAT 5807

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

58-Ce-130



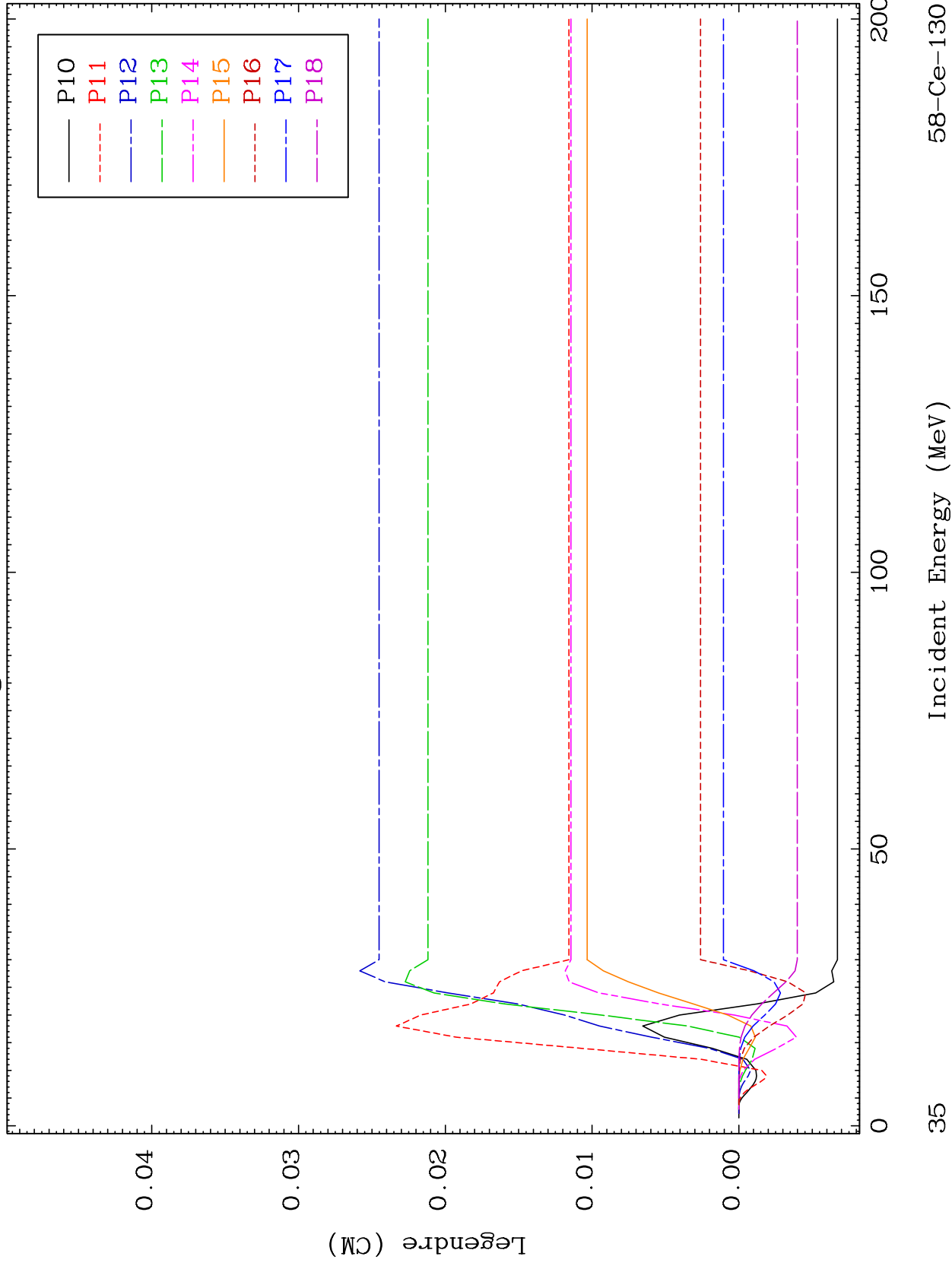
34

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

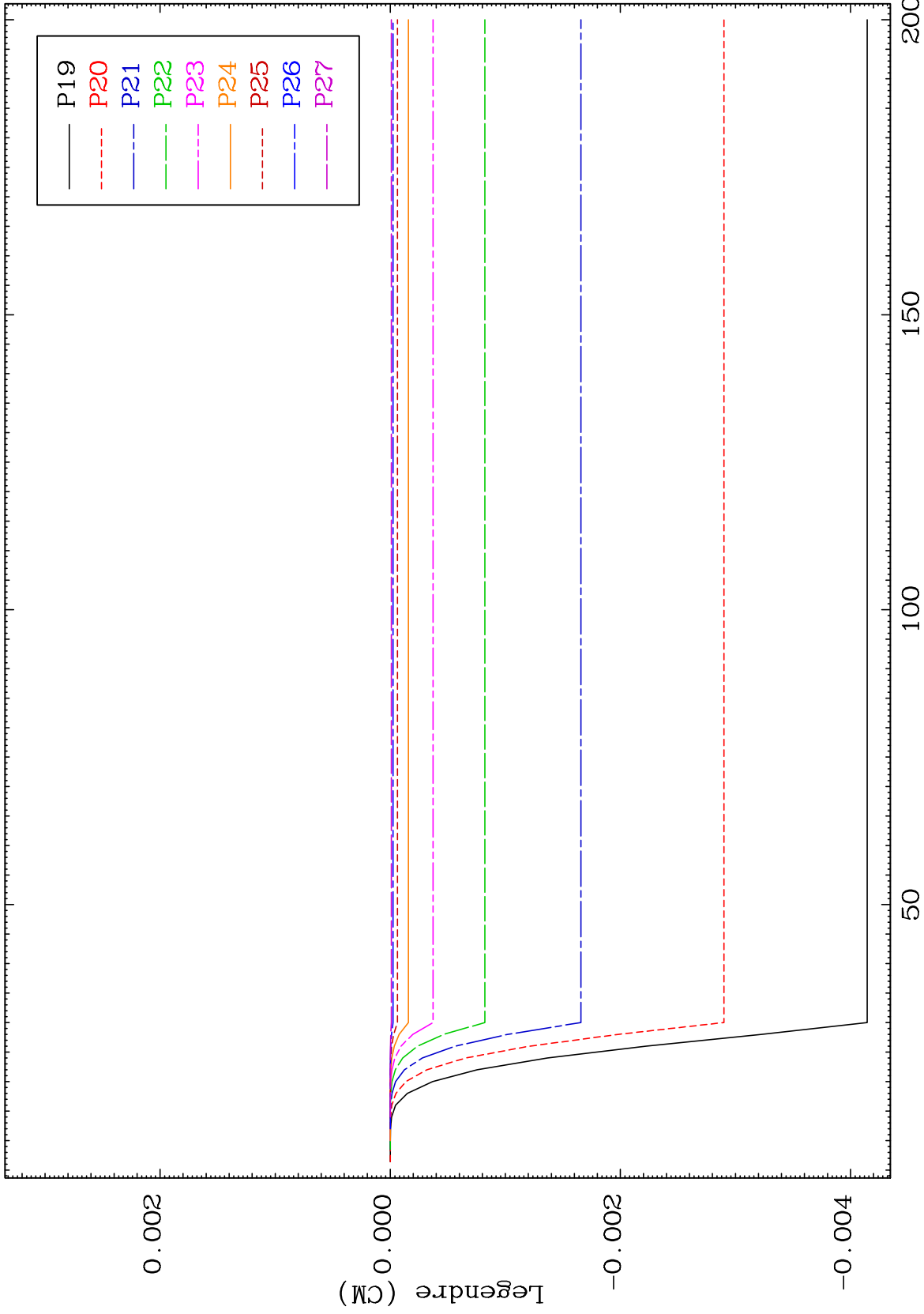
Incident Energy (MeV)

35

MAT 5807

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

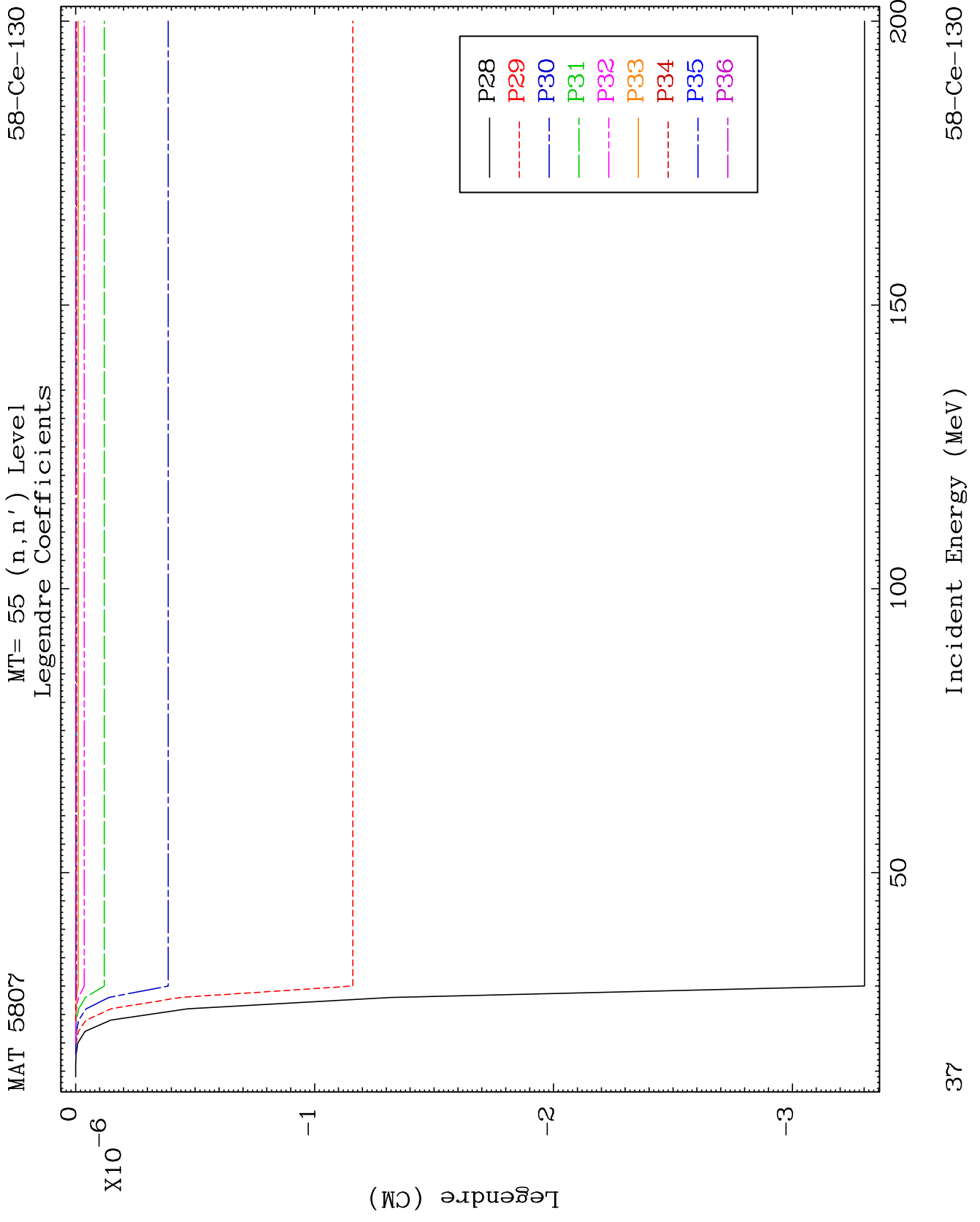
58-Ce-130



36

Incident Energy (MeV)

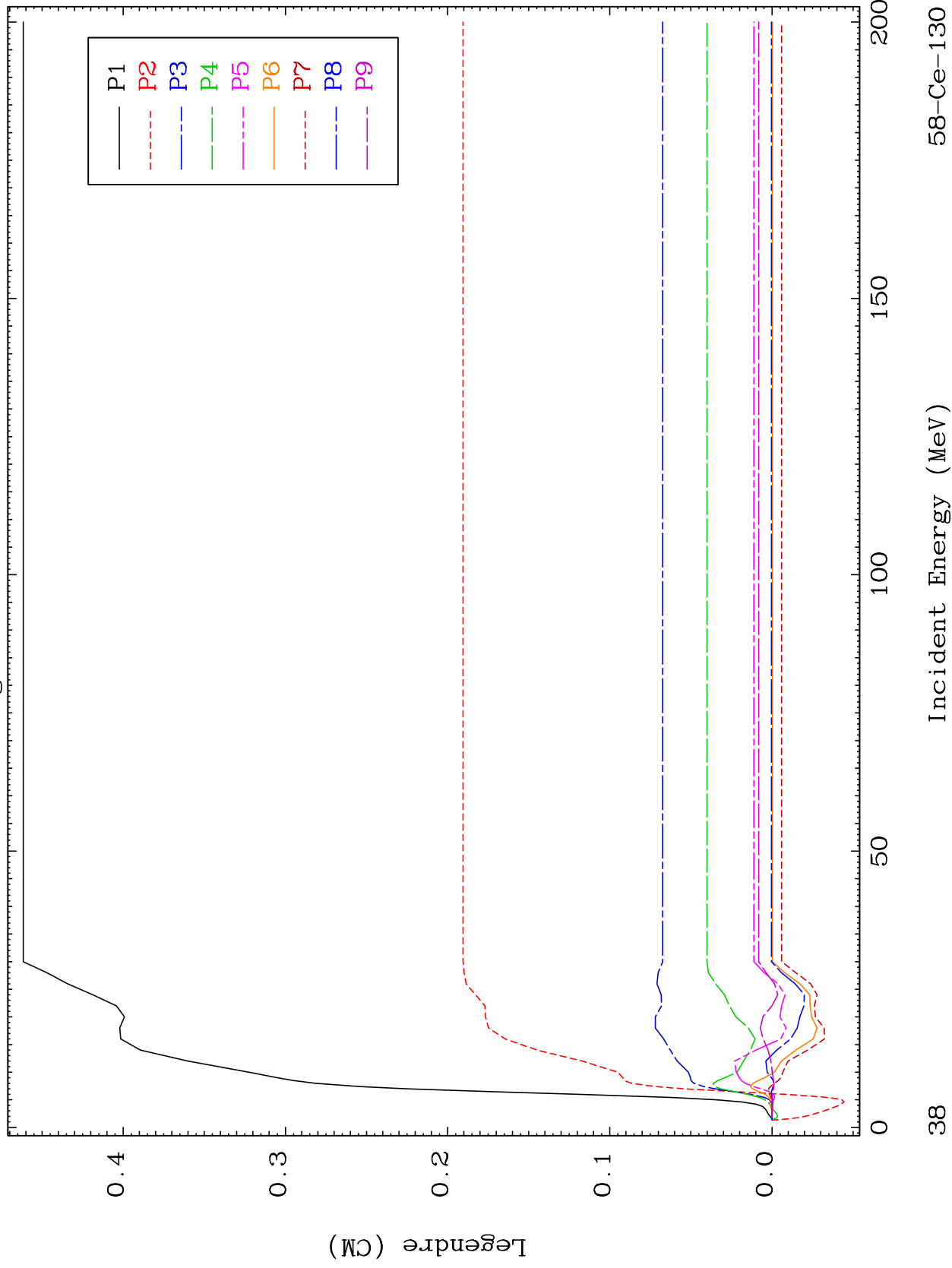
58-Ce-130



MAT 5807

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

58-Ce-130

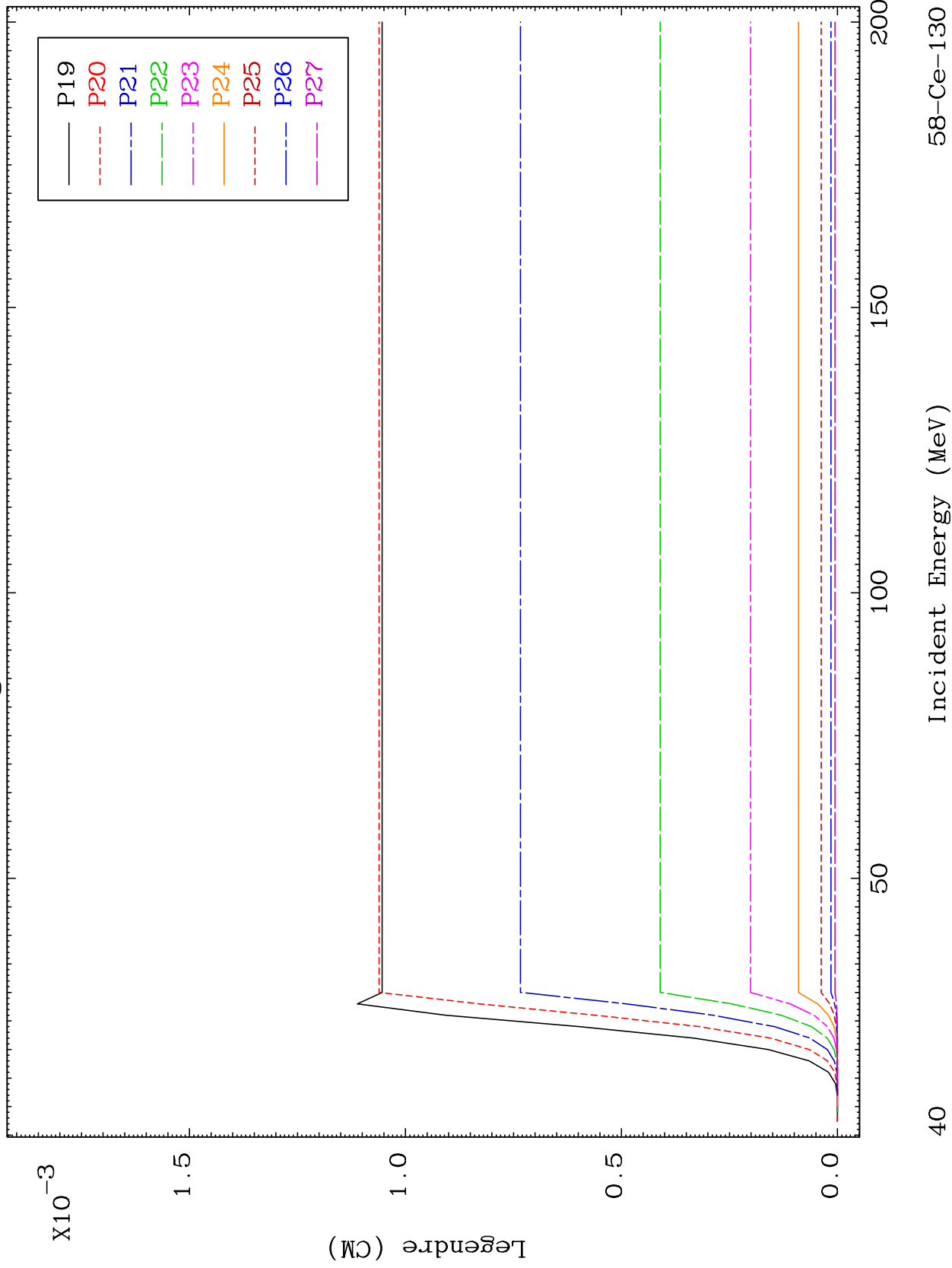


38

MAT 5807

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

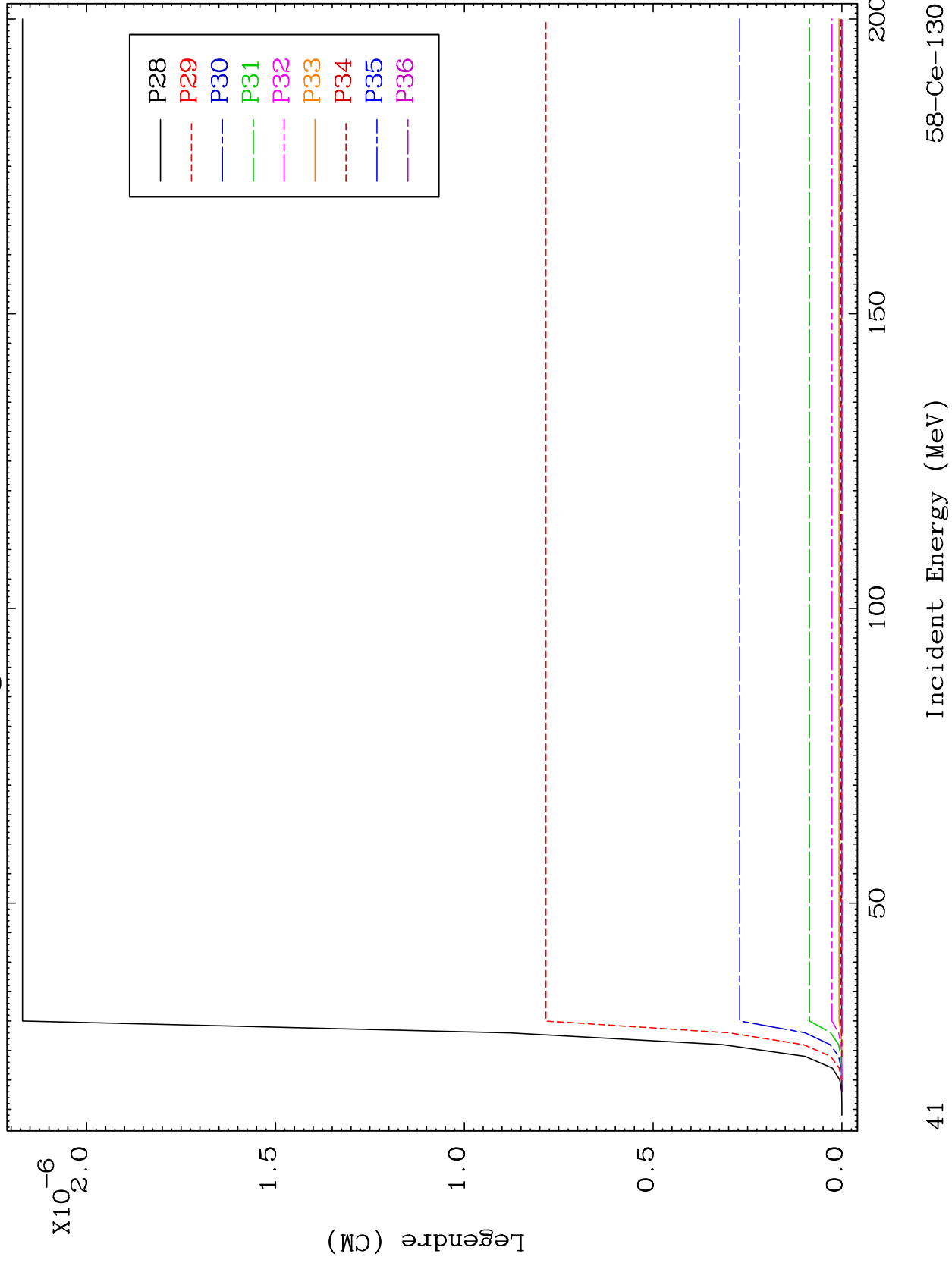
58-Ce-130



MAT 5807

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

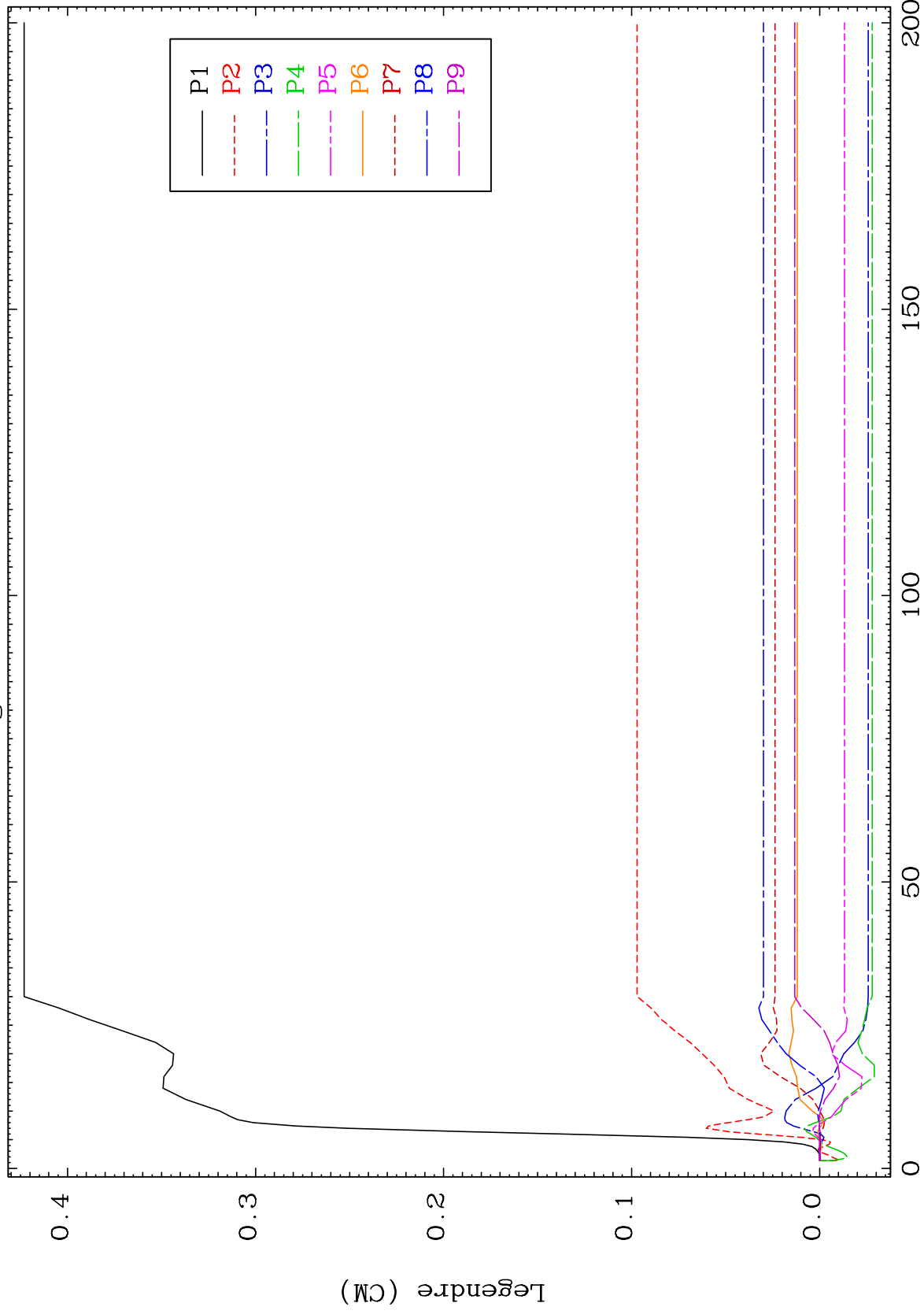
58-Ce-130



MAT 5807

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

58-Ce-130



42

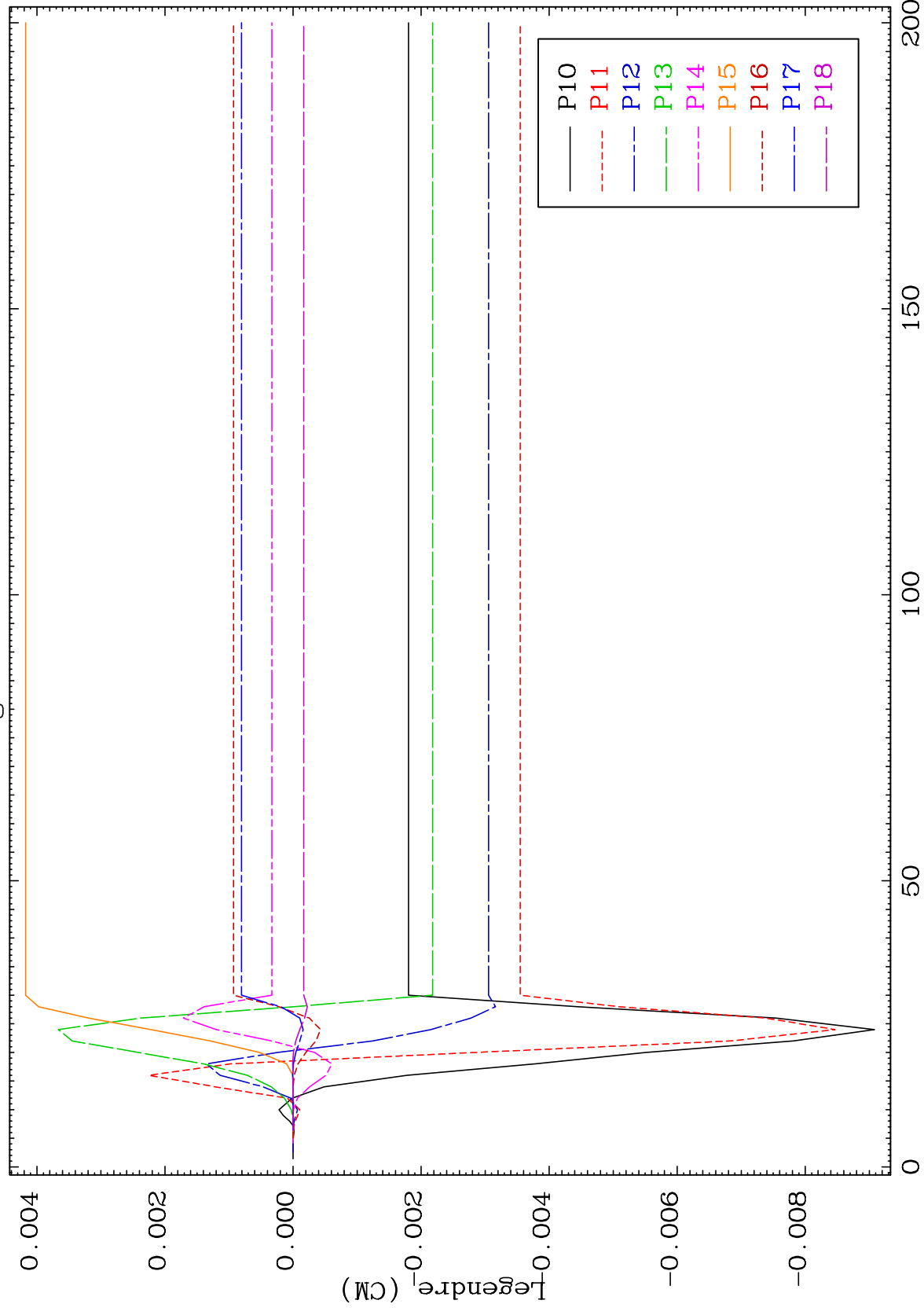
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

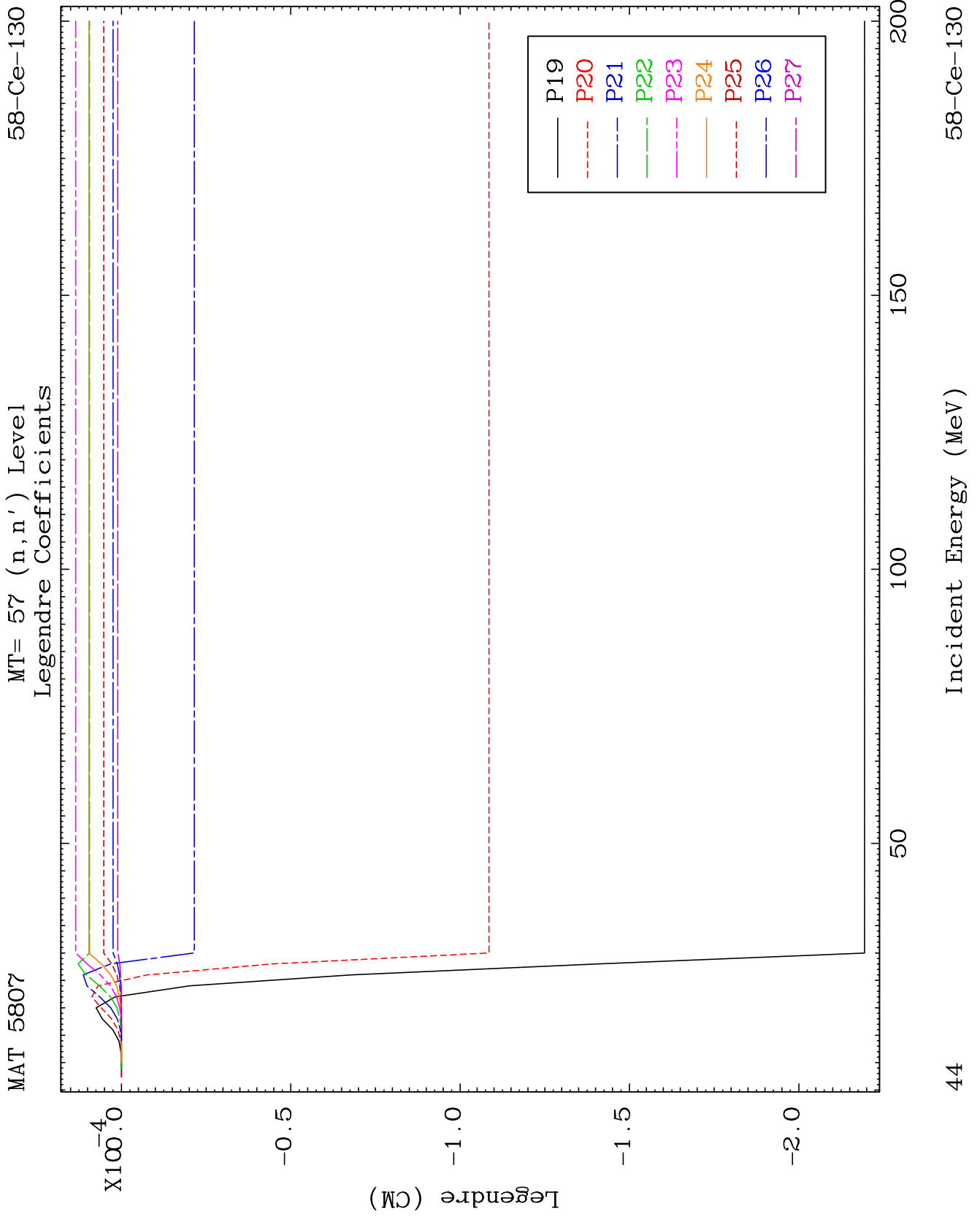
58-Ce-130



43

Incident Energy (MeV)

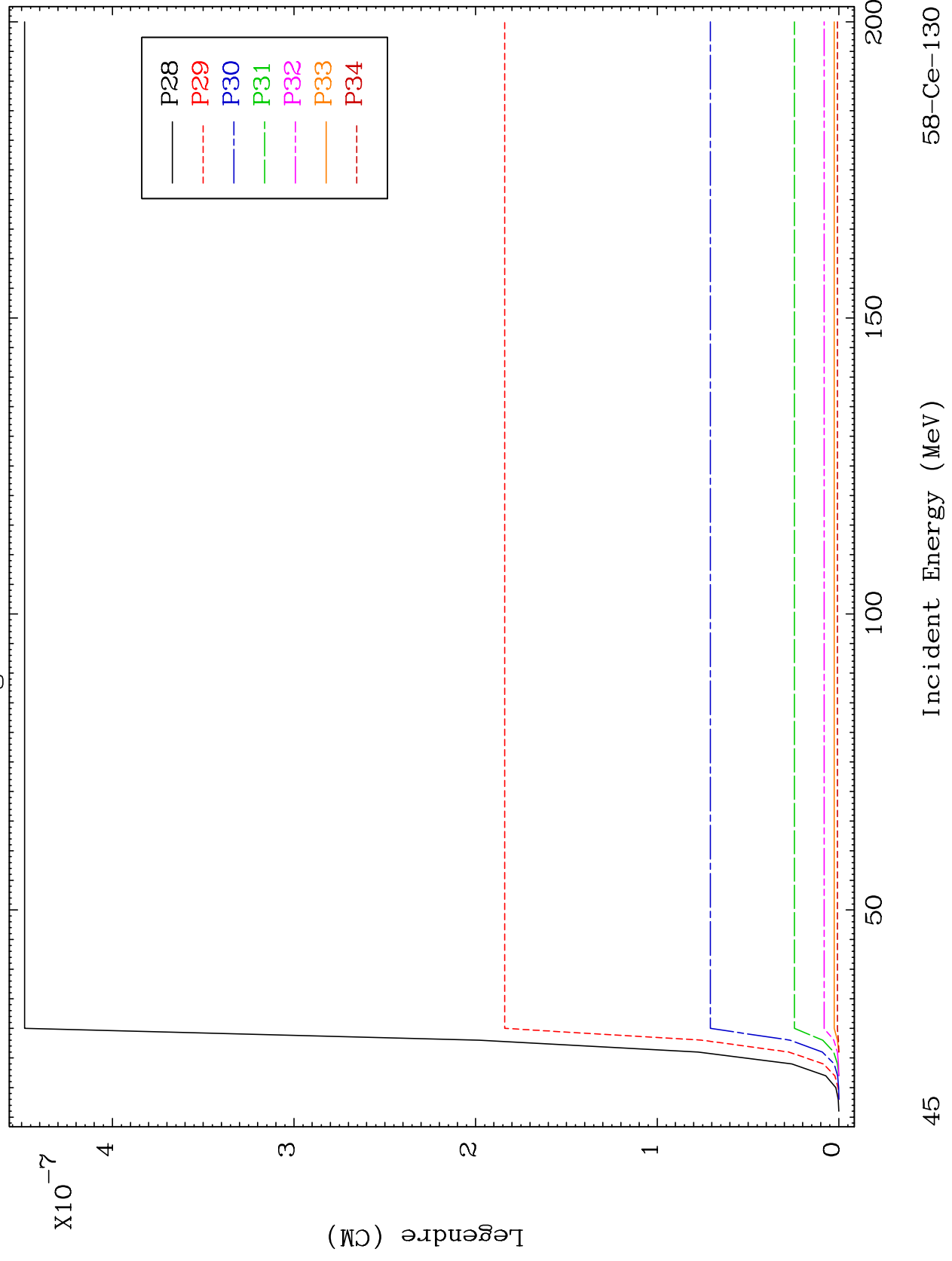
58-Ce-130



MAT 5807

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

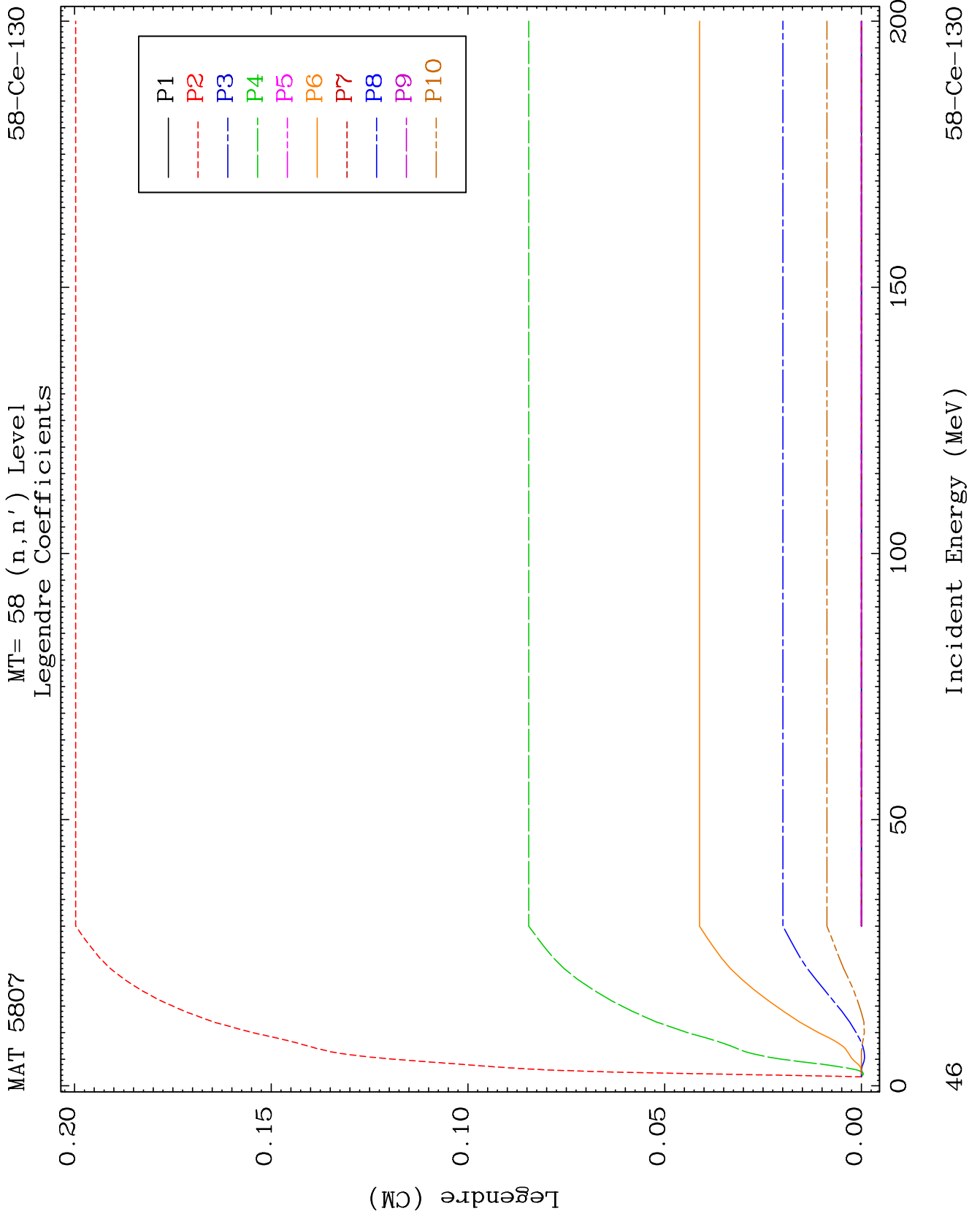
58-Ce-130



45

Incident Energy (MeV)

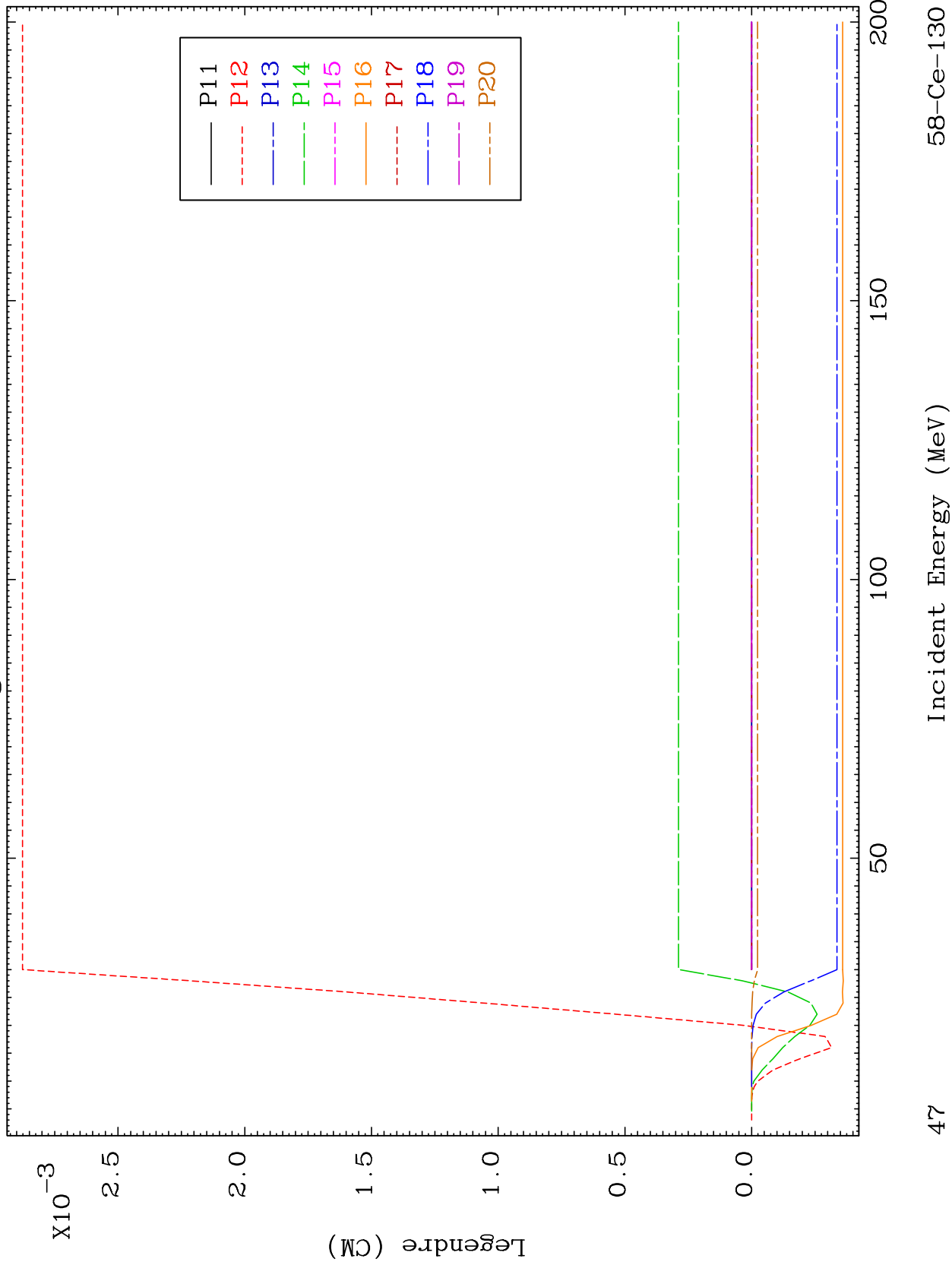
58-Ce-130

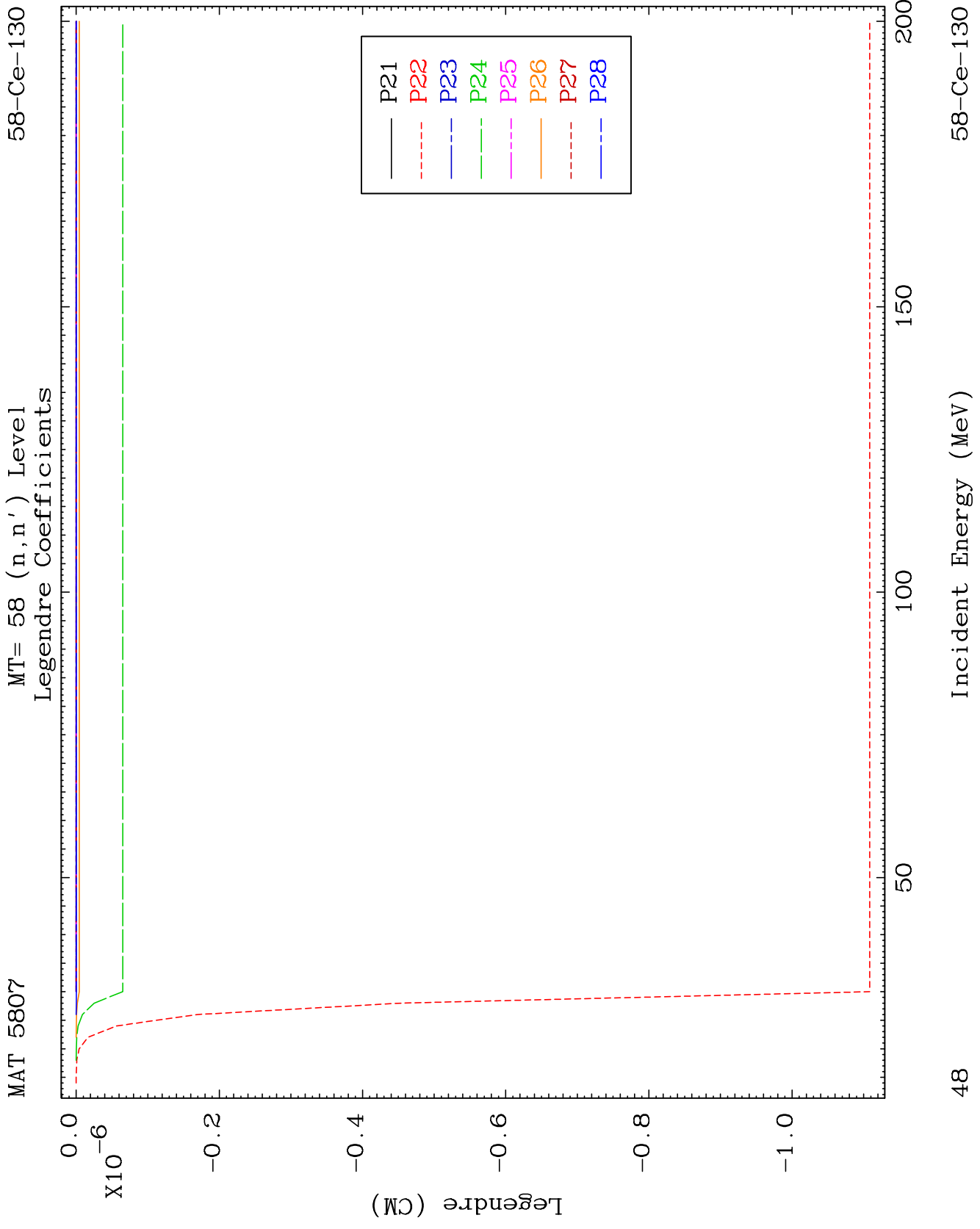


MAT 5807

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

58-Ce-130

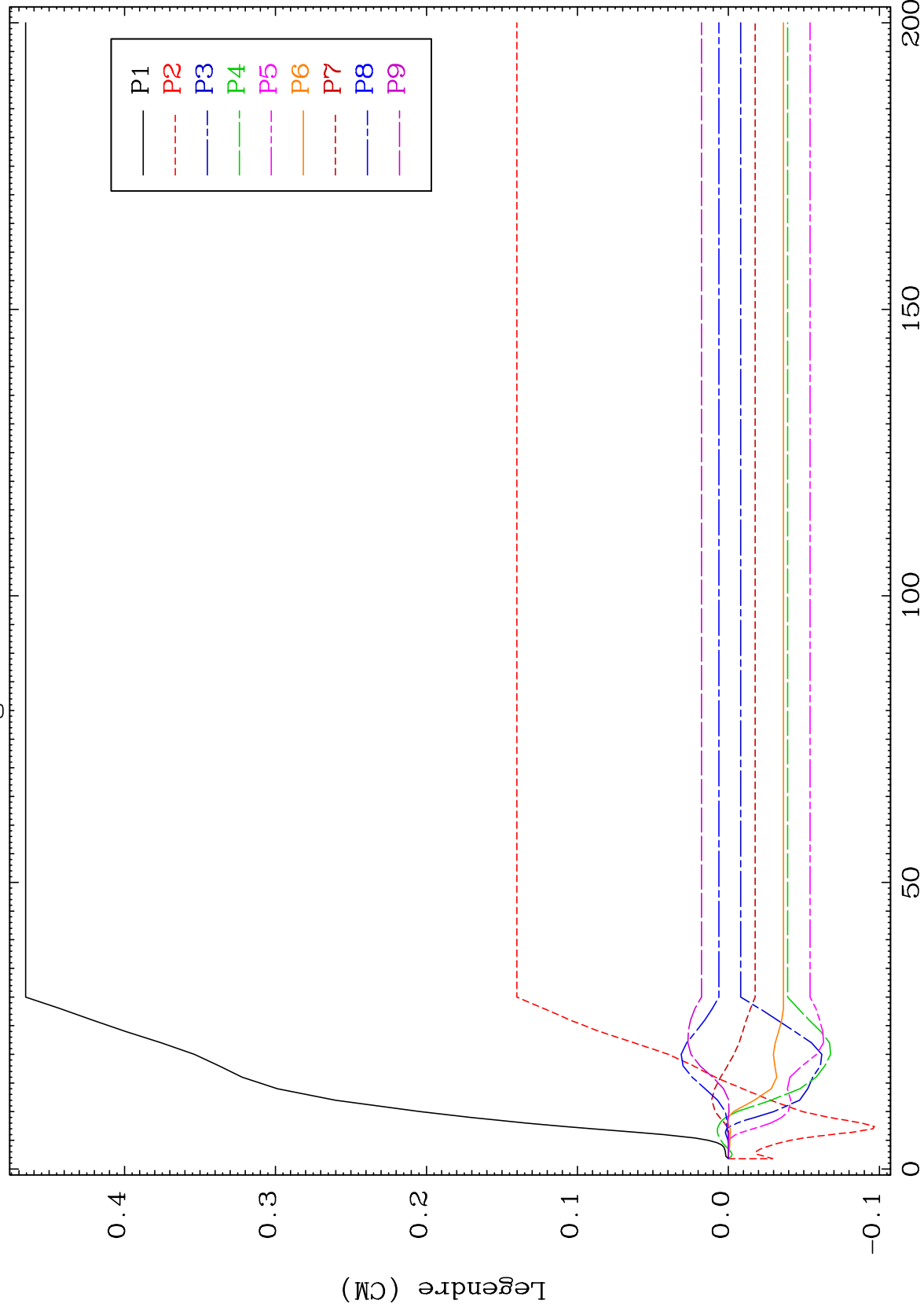




MAT 5807

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

58-Ce-130



49

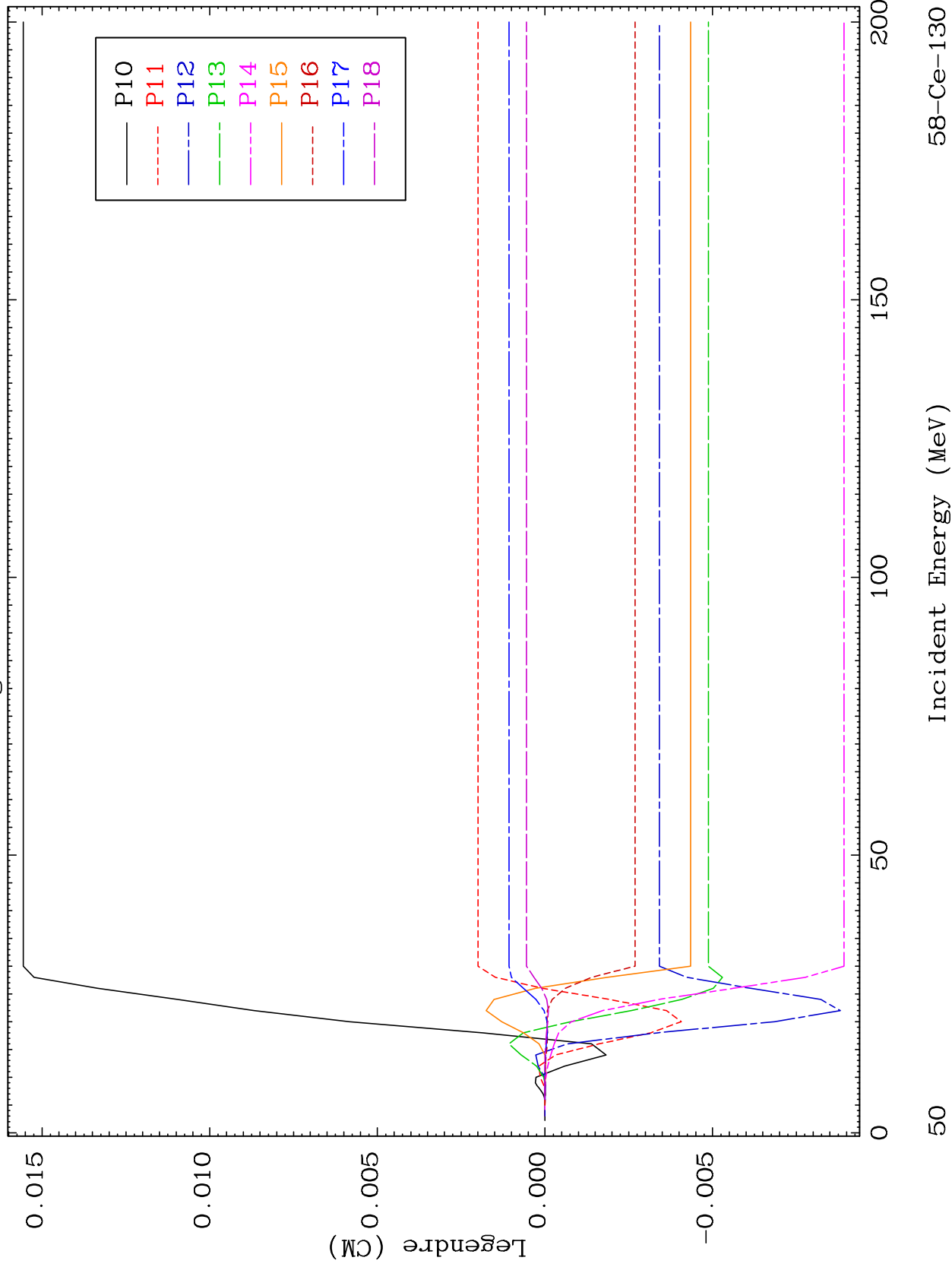
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

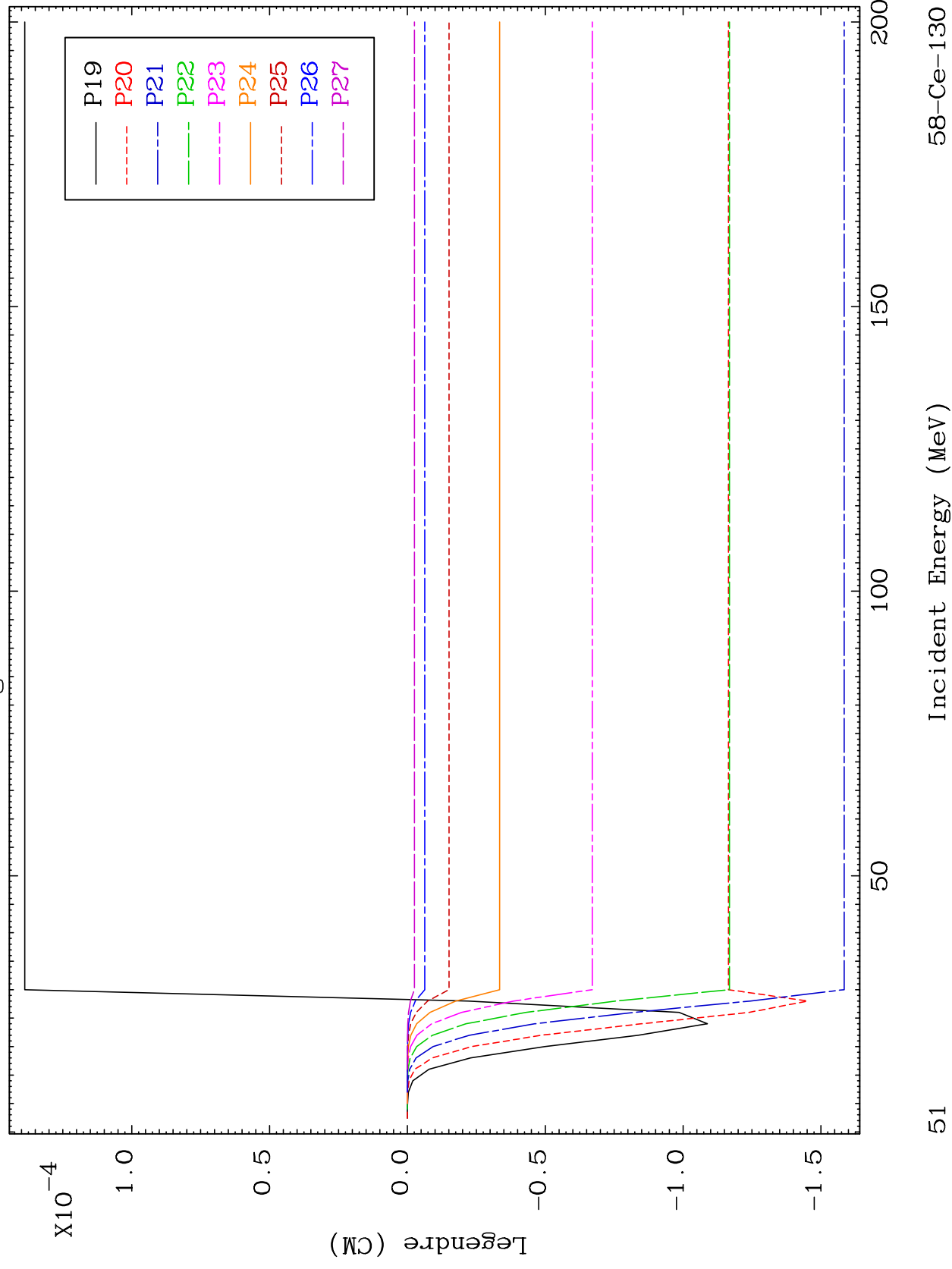
Incident Energy (MeV)

50

MAT 5807

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

58-Ce-130



51

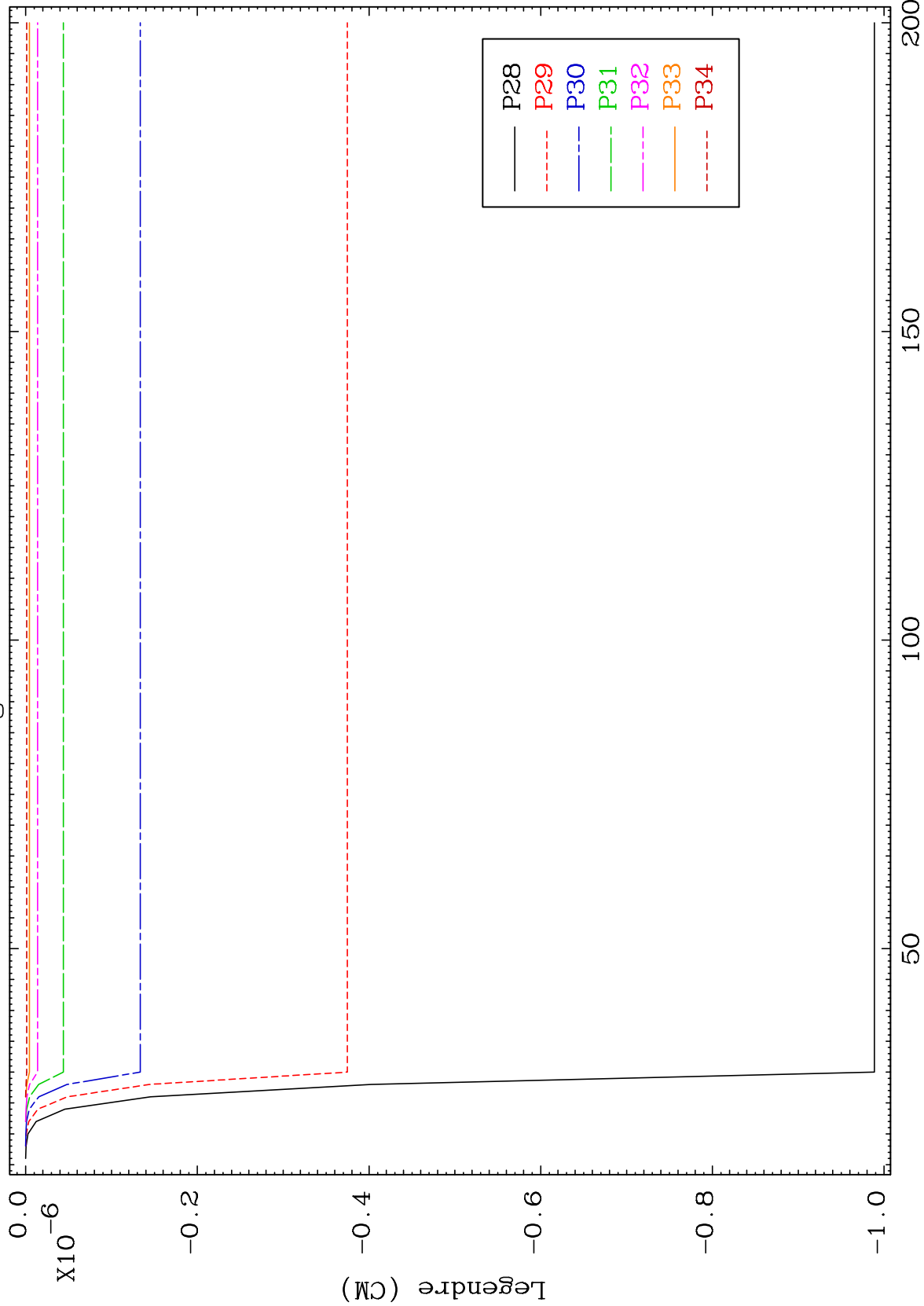
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



52

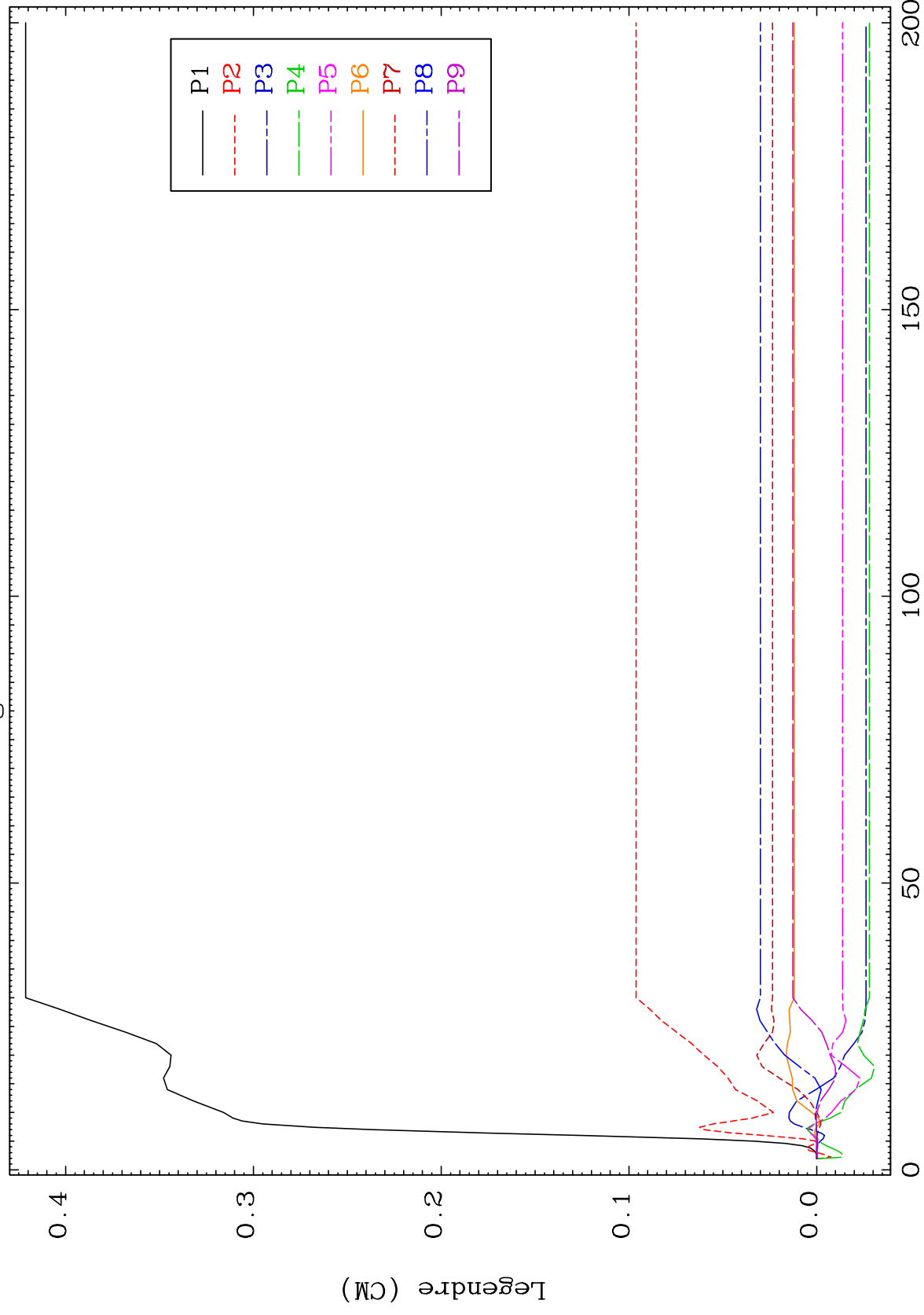
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



53

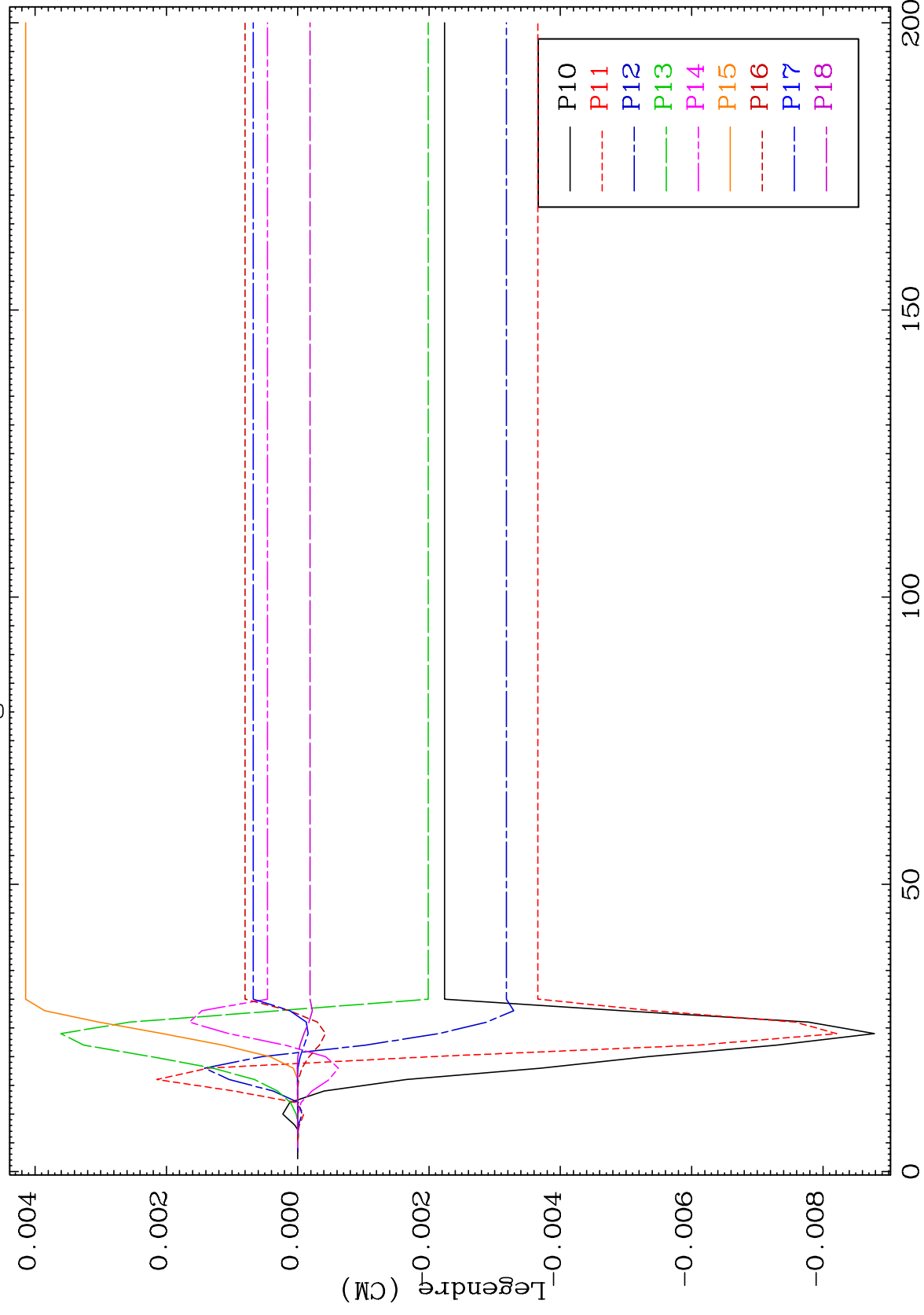
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



54

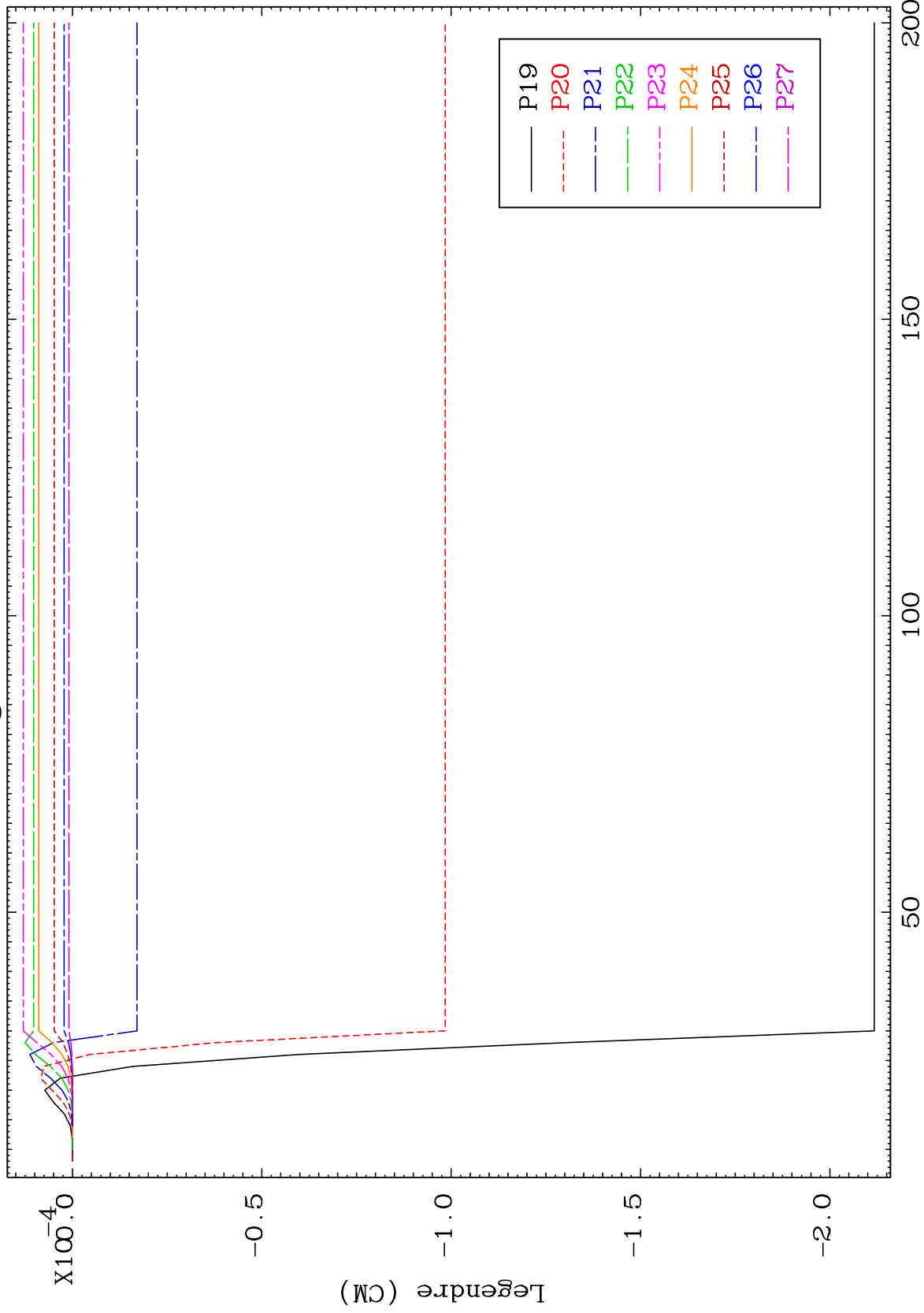
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



55

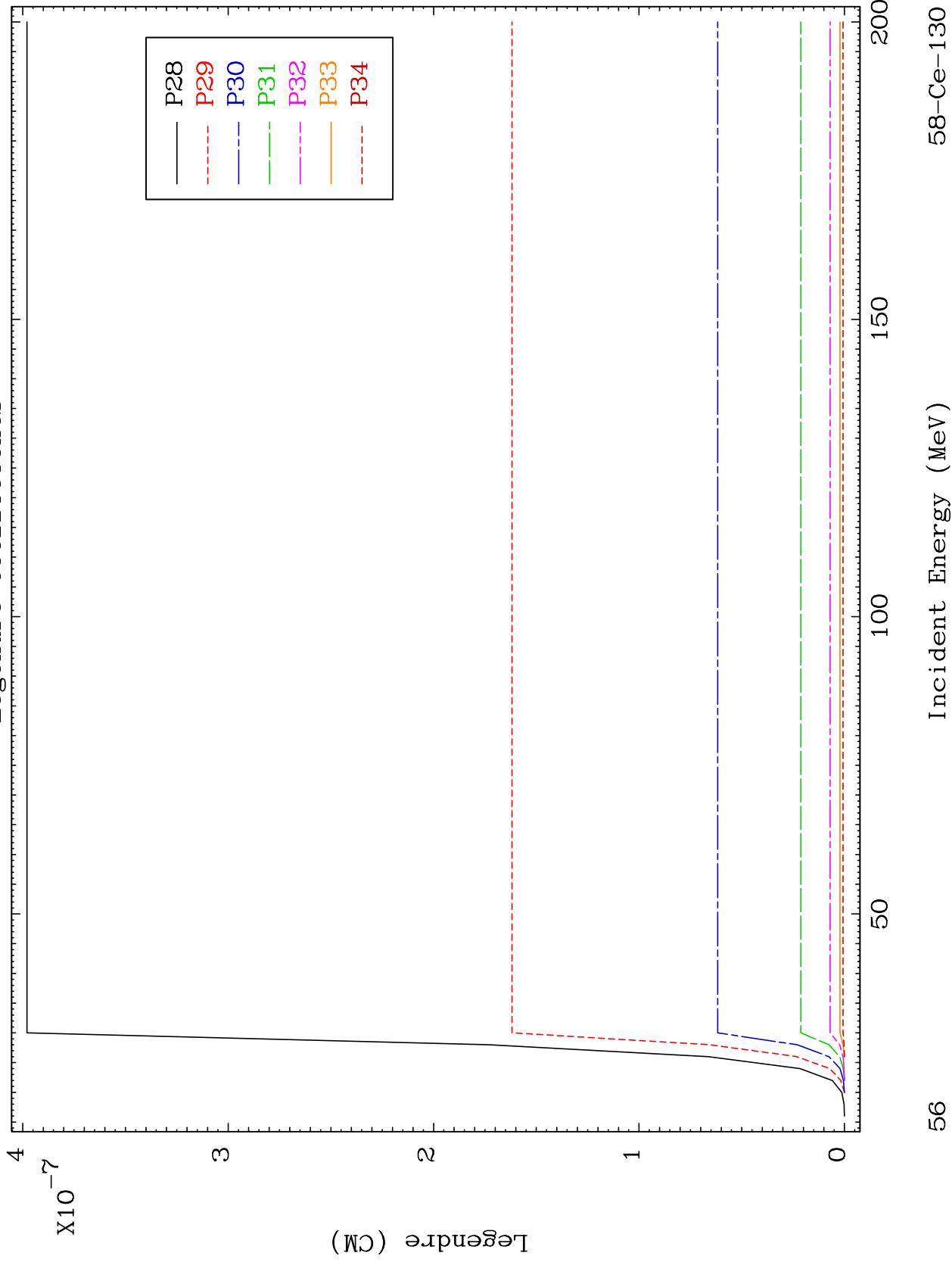
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

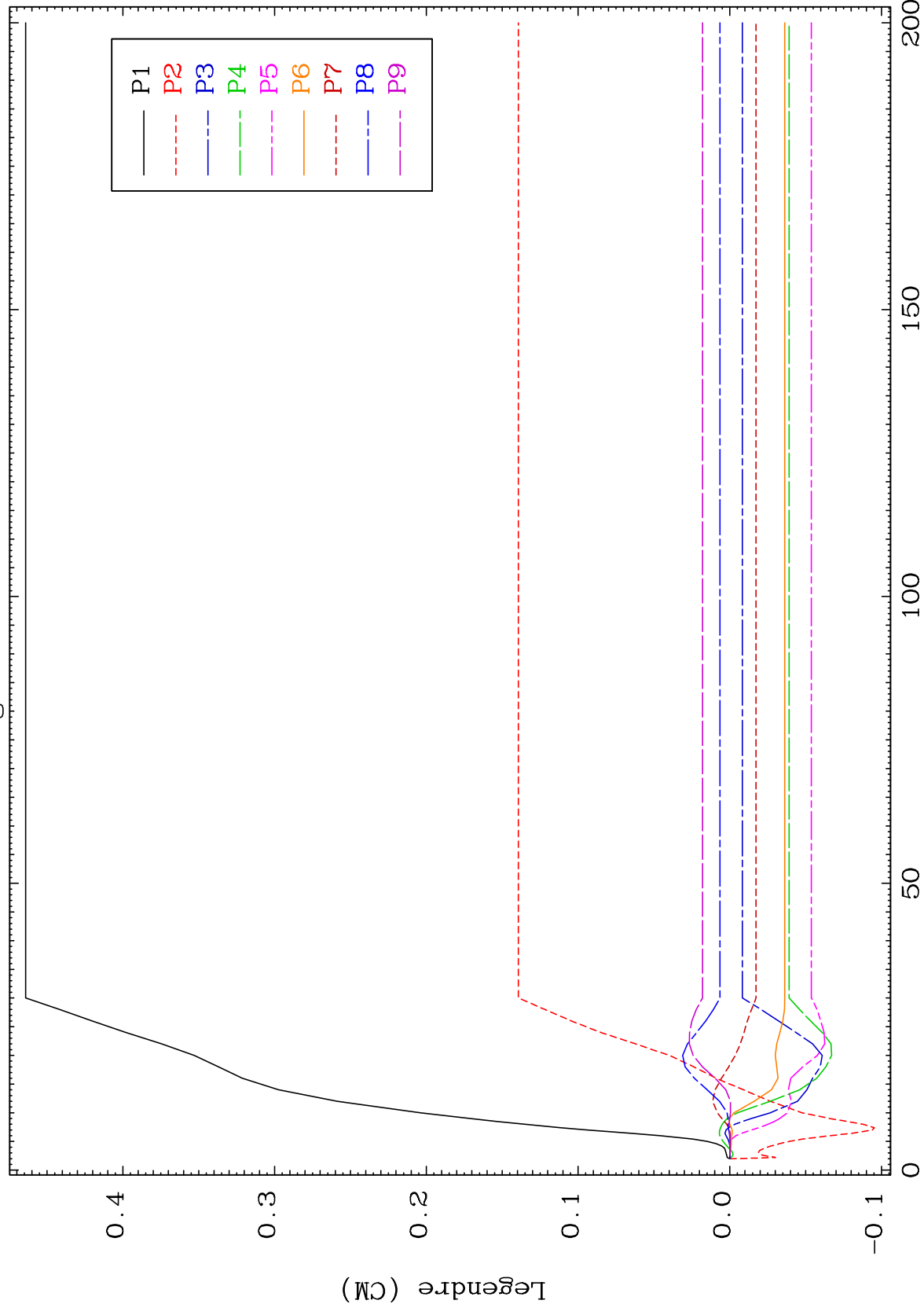
58-Ce-130



MAT 5807

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

58-Ce-130



57

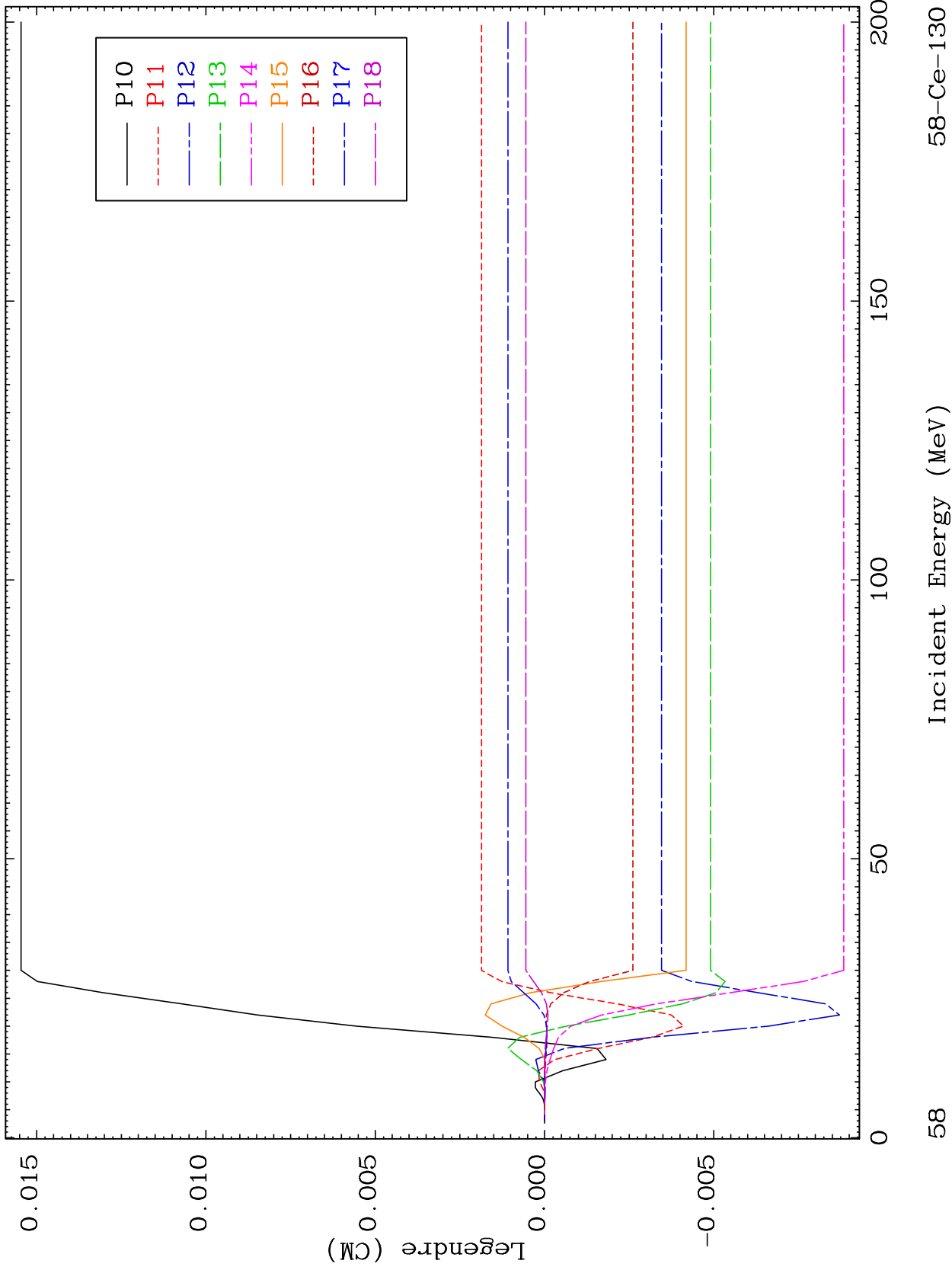
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

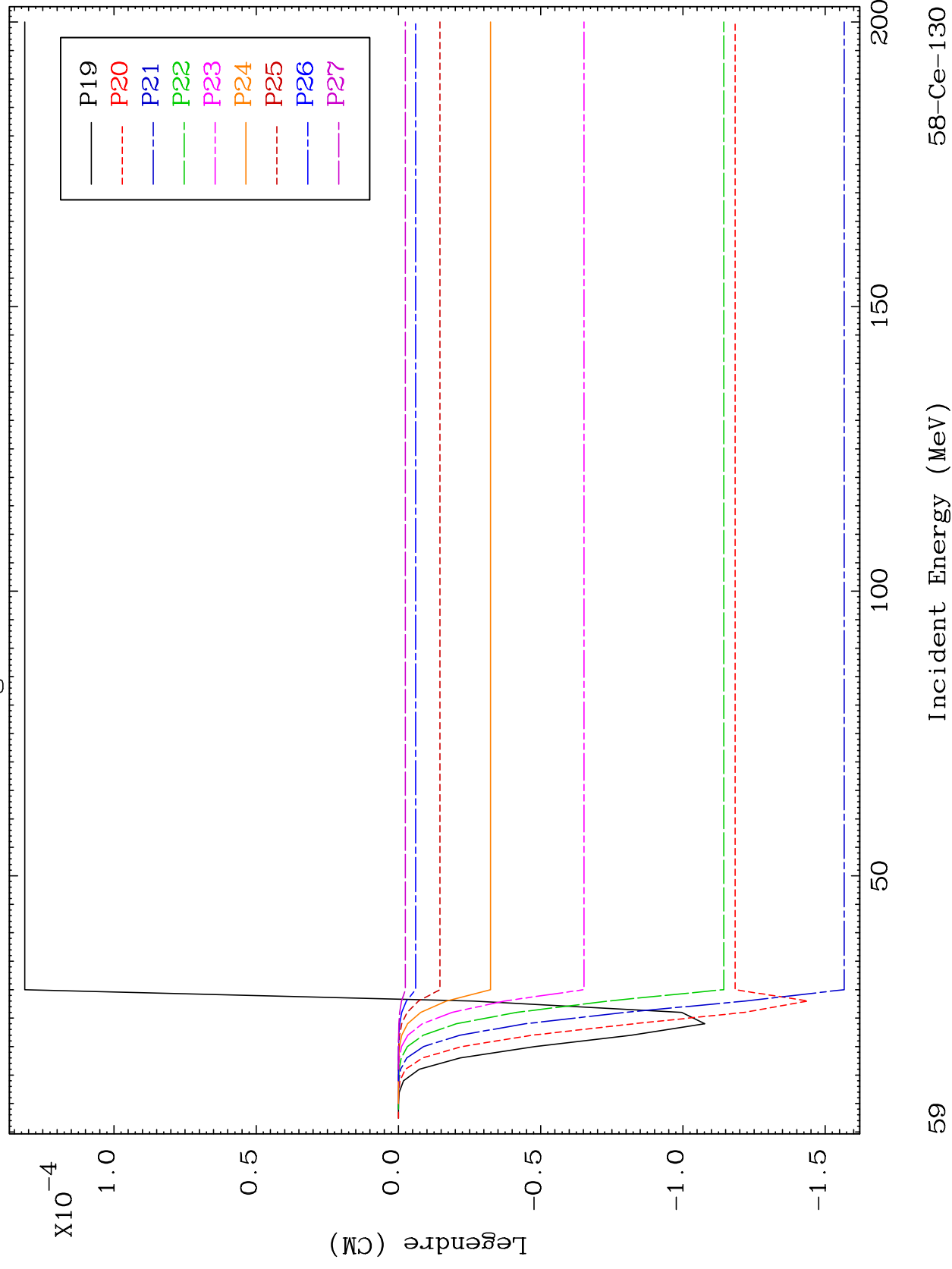
58-Ce-130

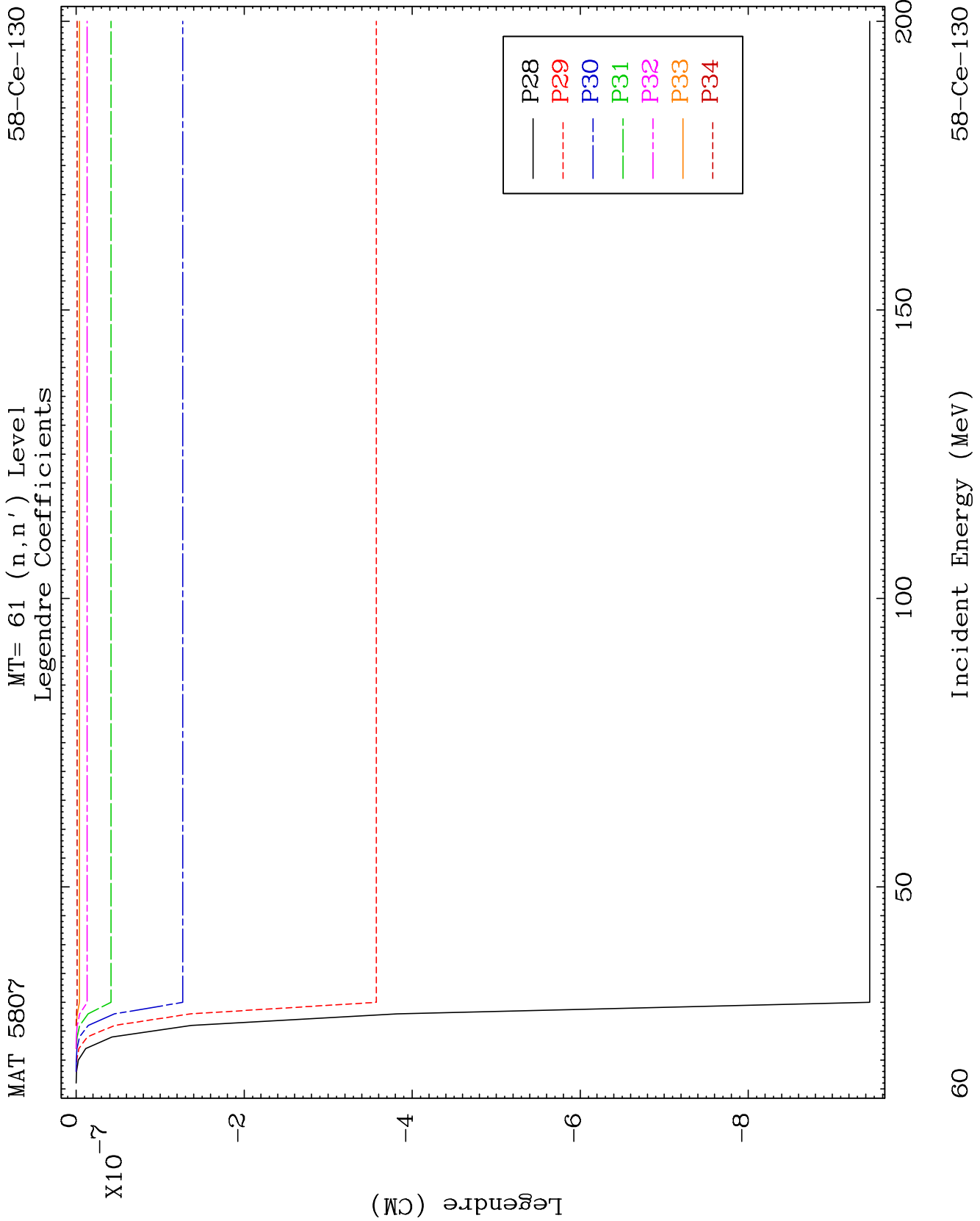


58

Incident Energy (MeV)

58-Ce-130

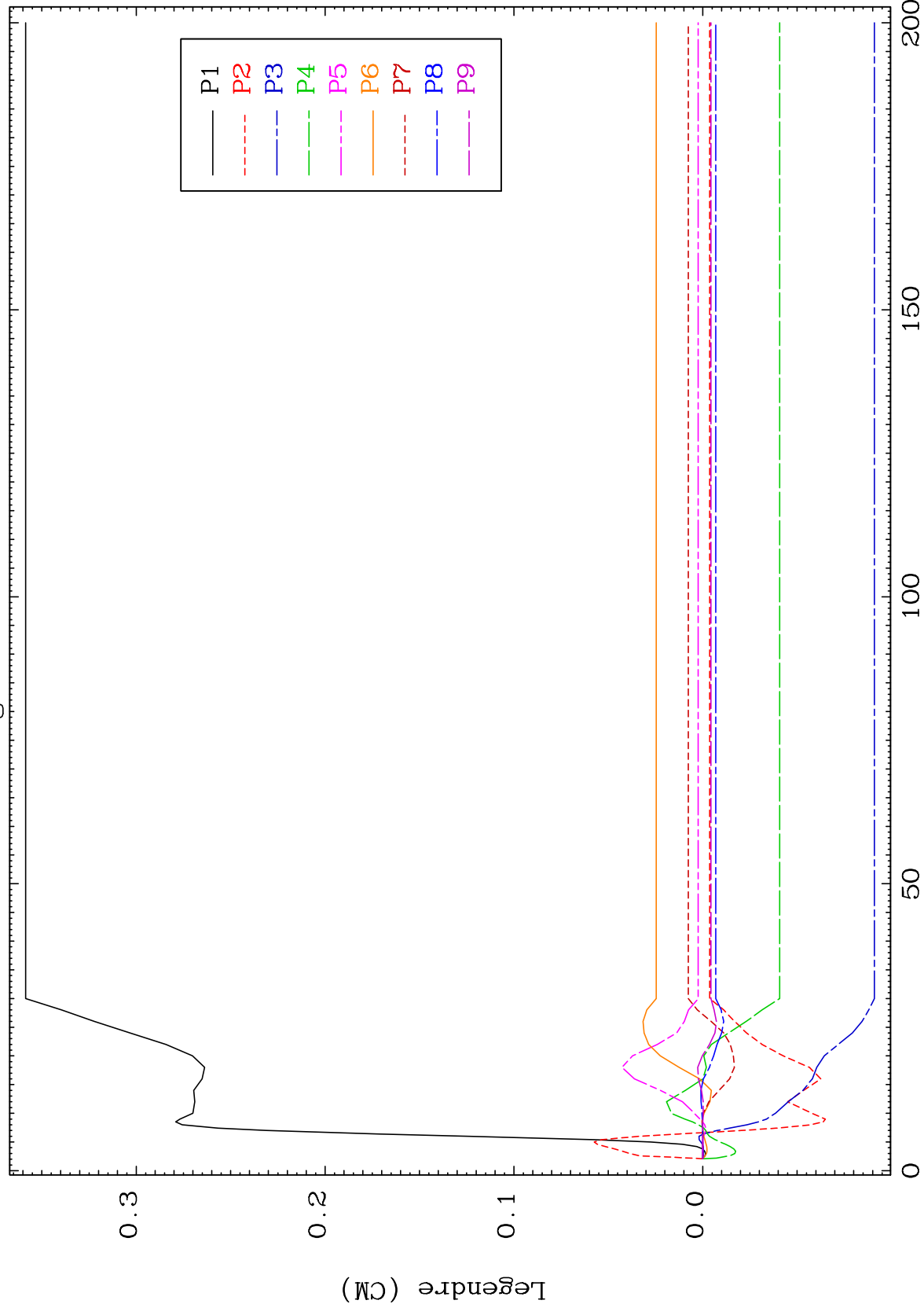




MAT 5807

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

58-Ce-130



61

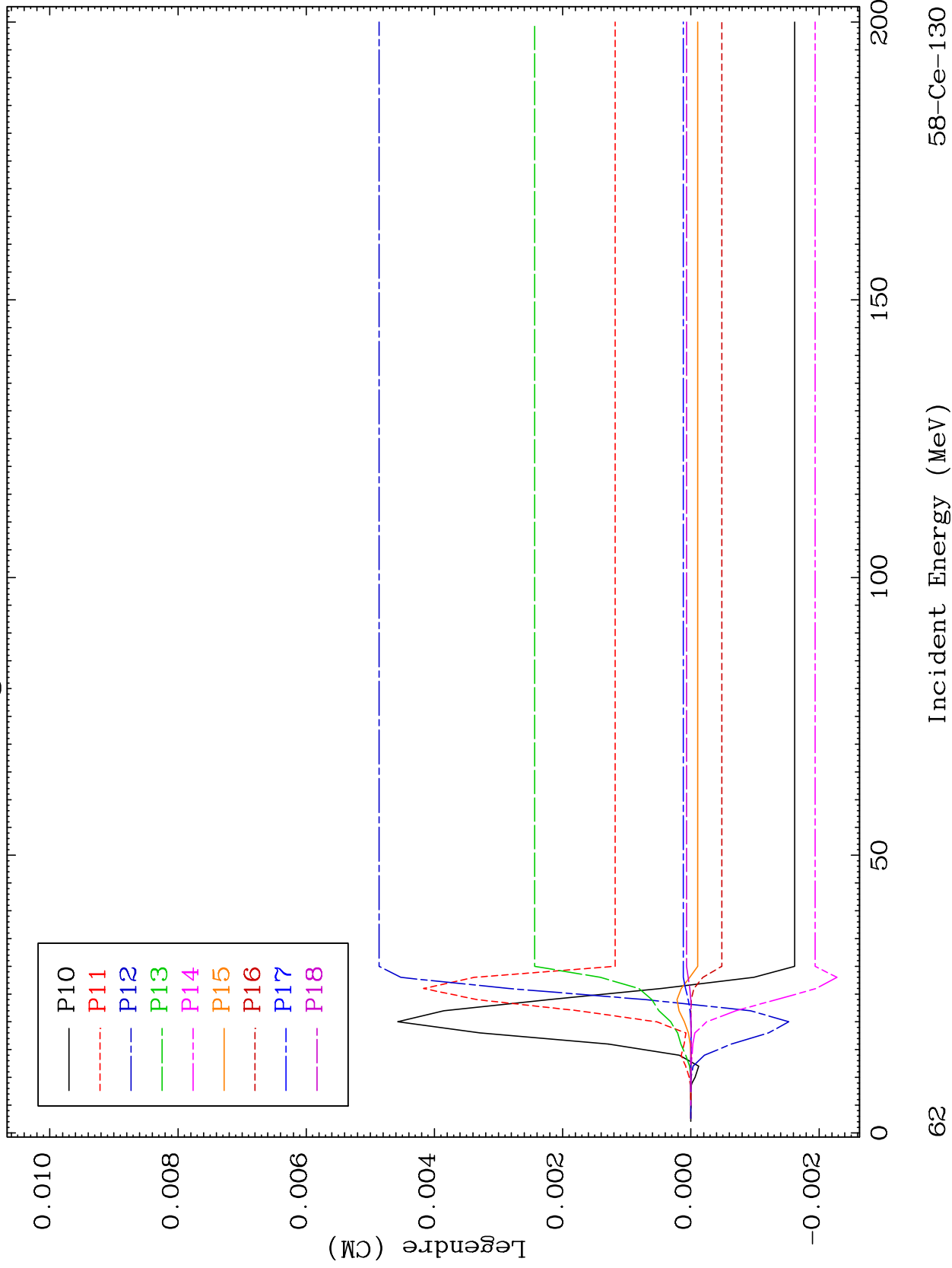
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

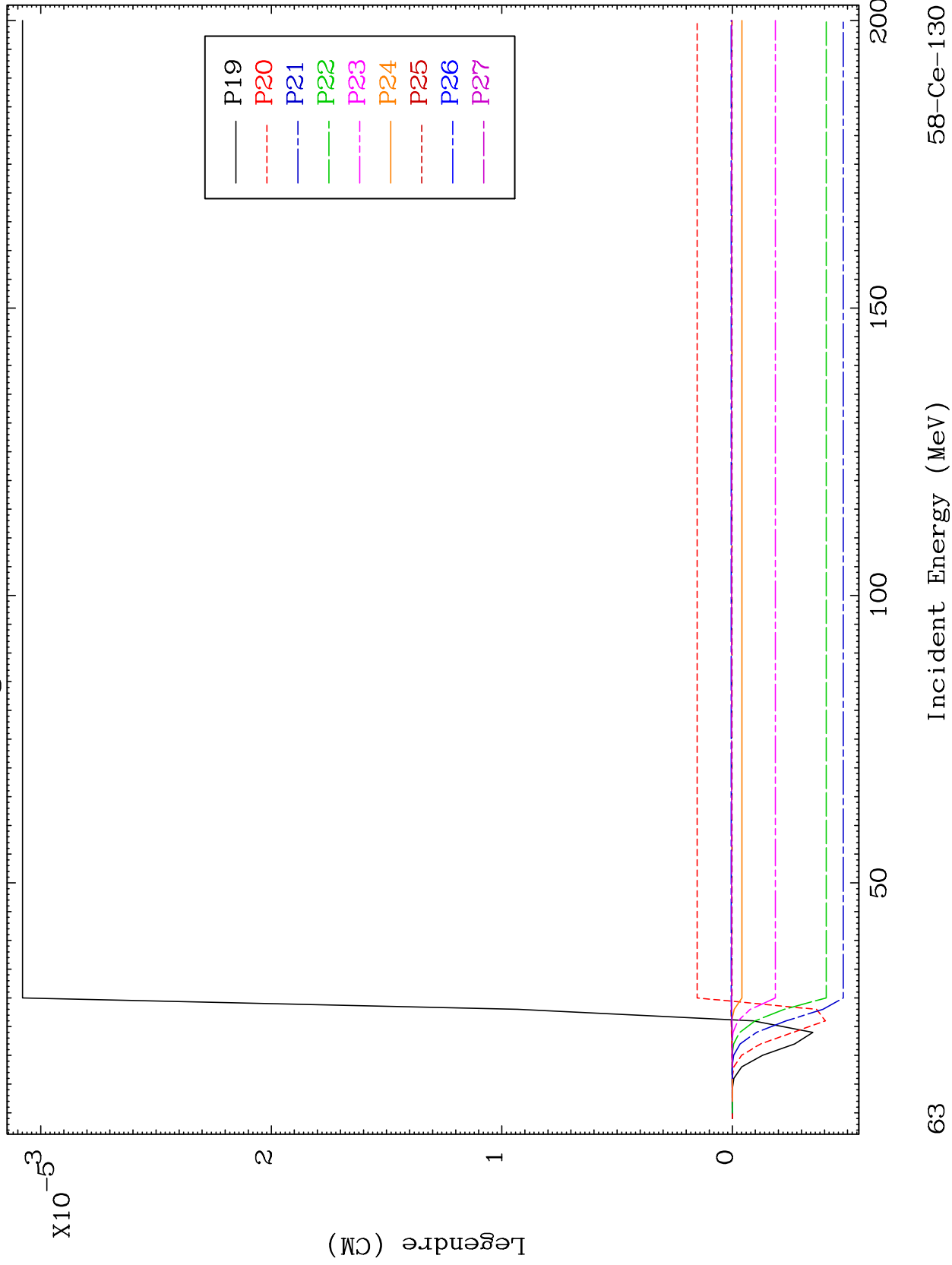
Incident Energy (MeV)

62

MAT 5807

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

58-Ce-130

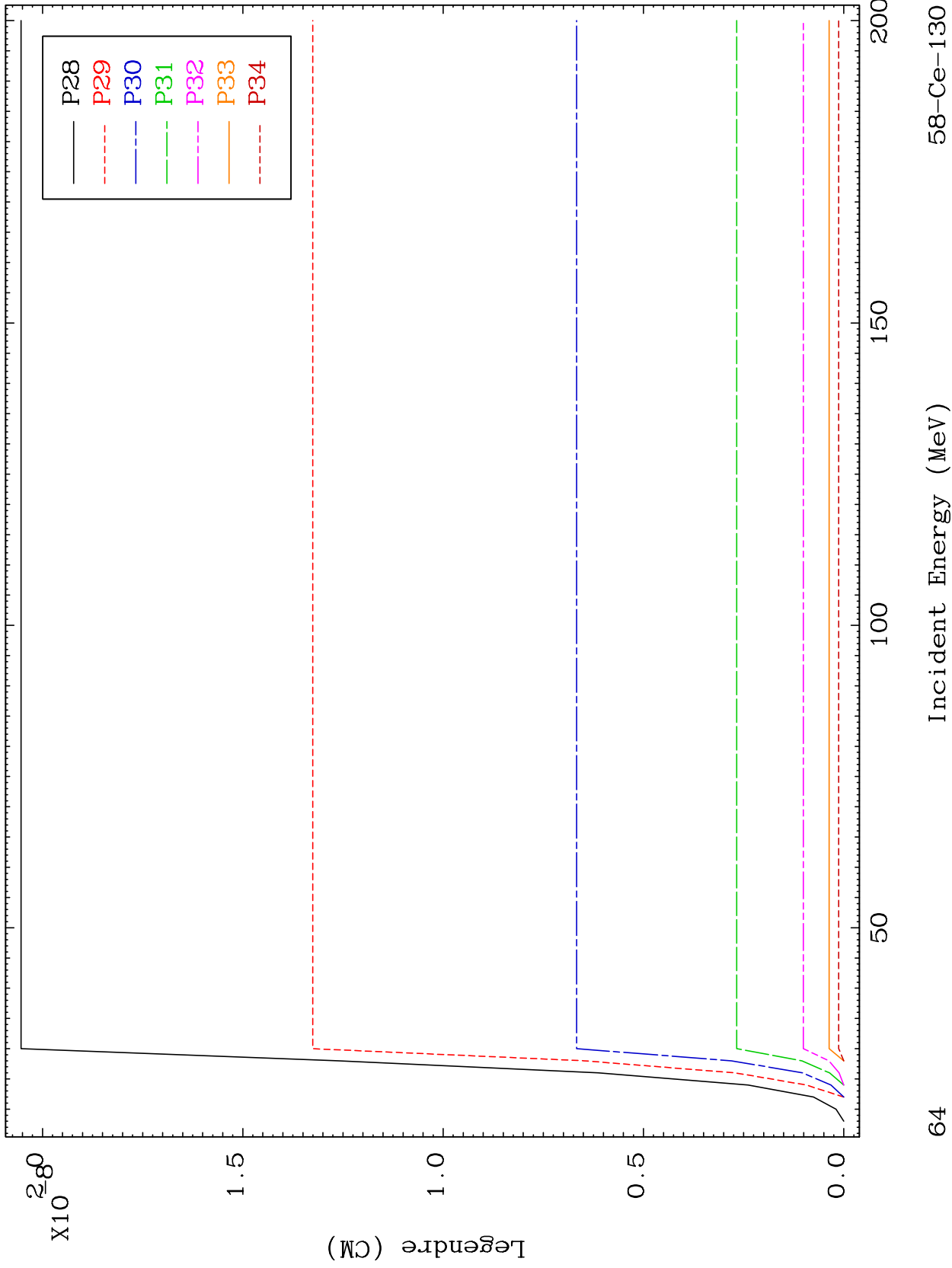


63

MAT 5807

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

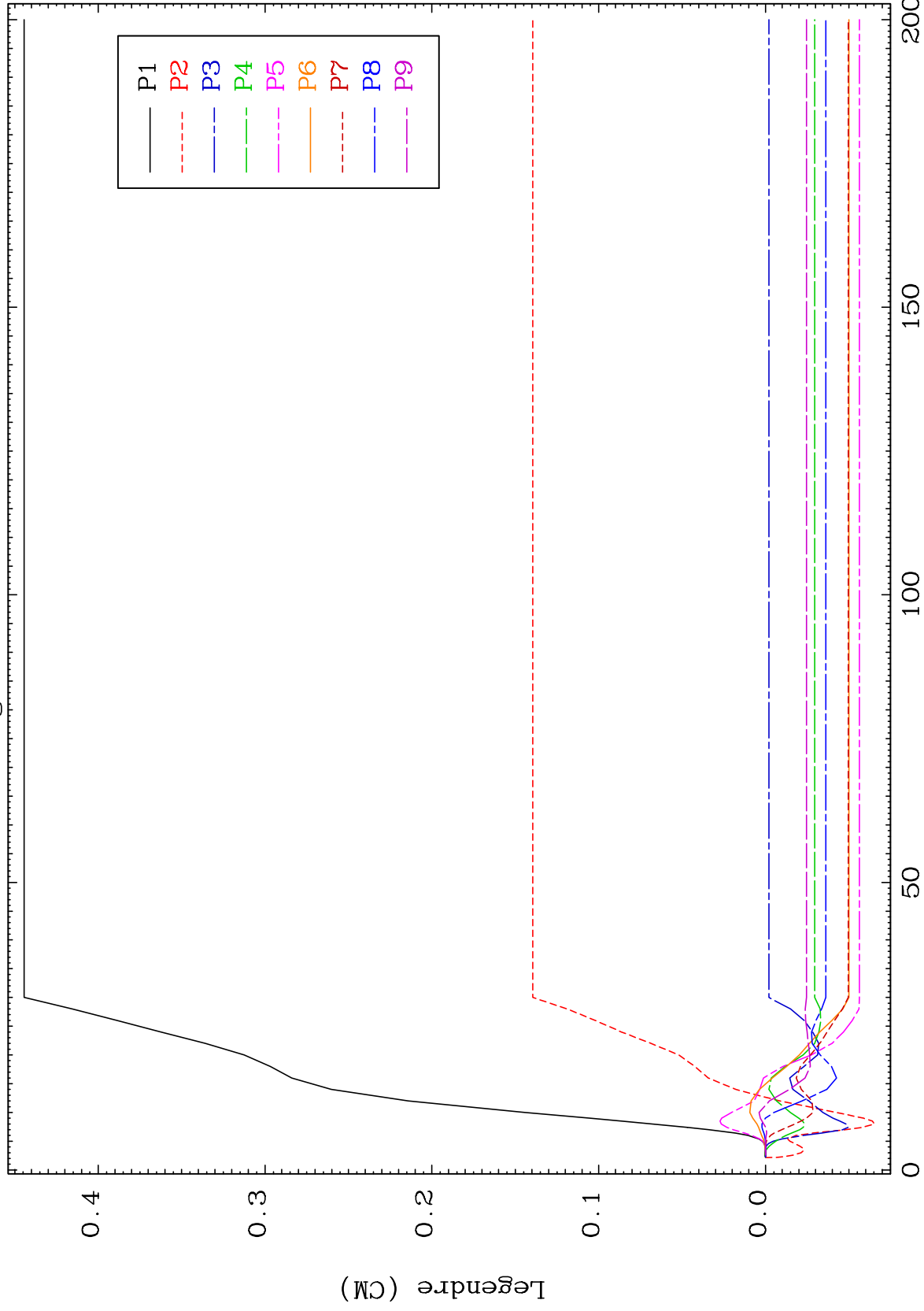
58-Ce-130



MAT 5807

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

58-Ce-130



65

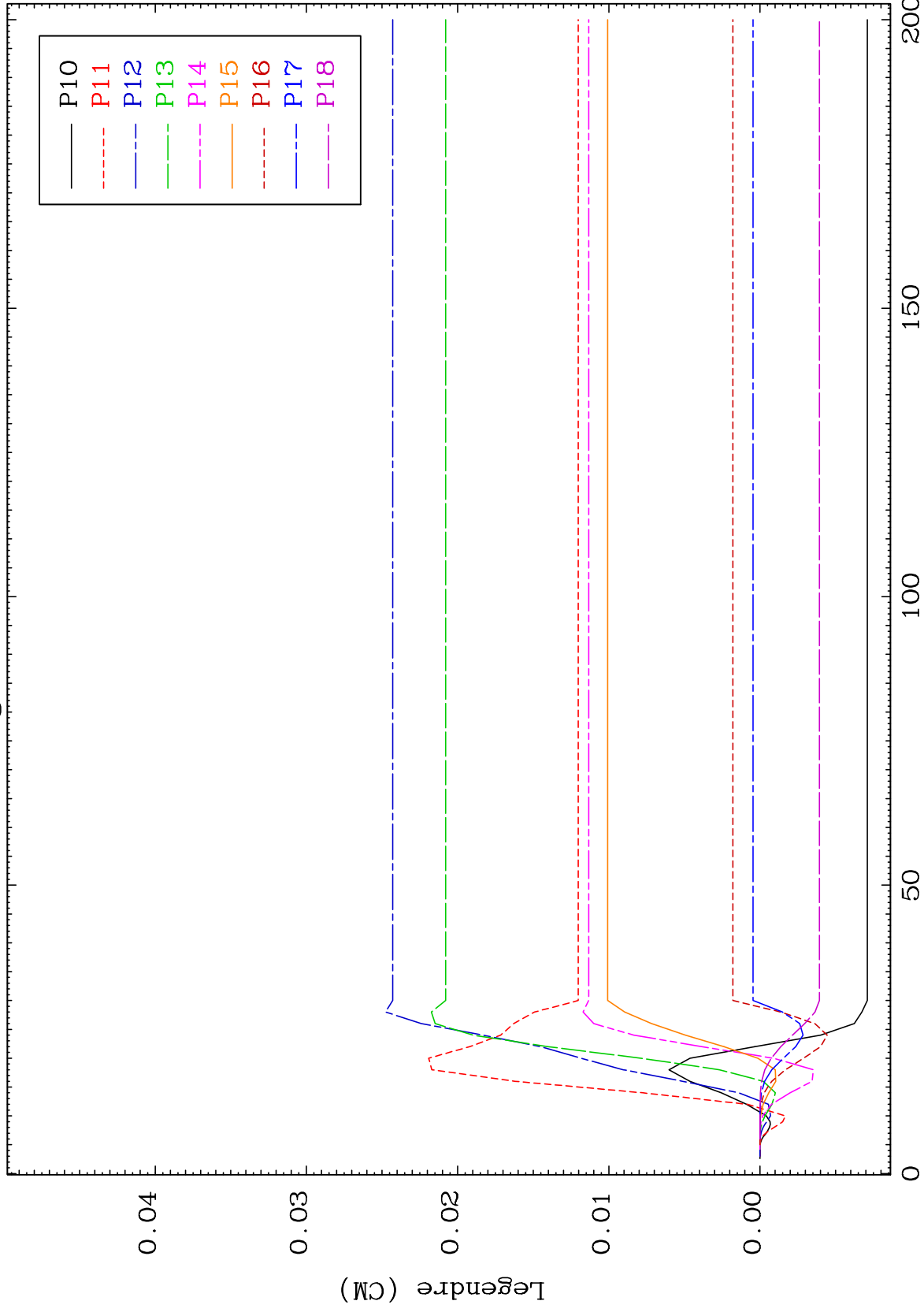
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



66

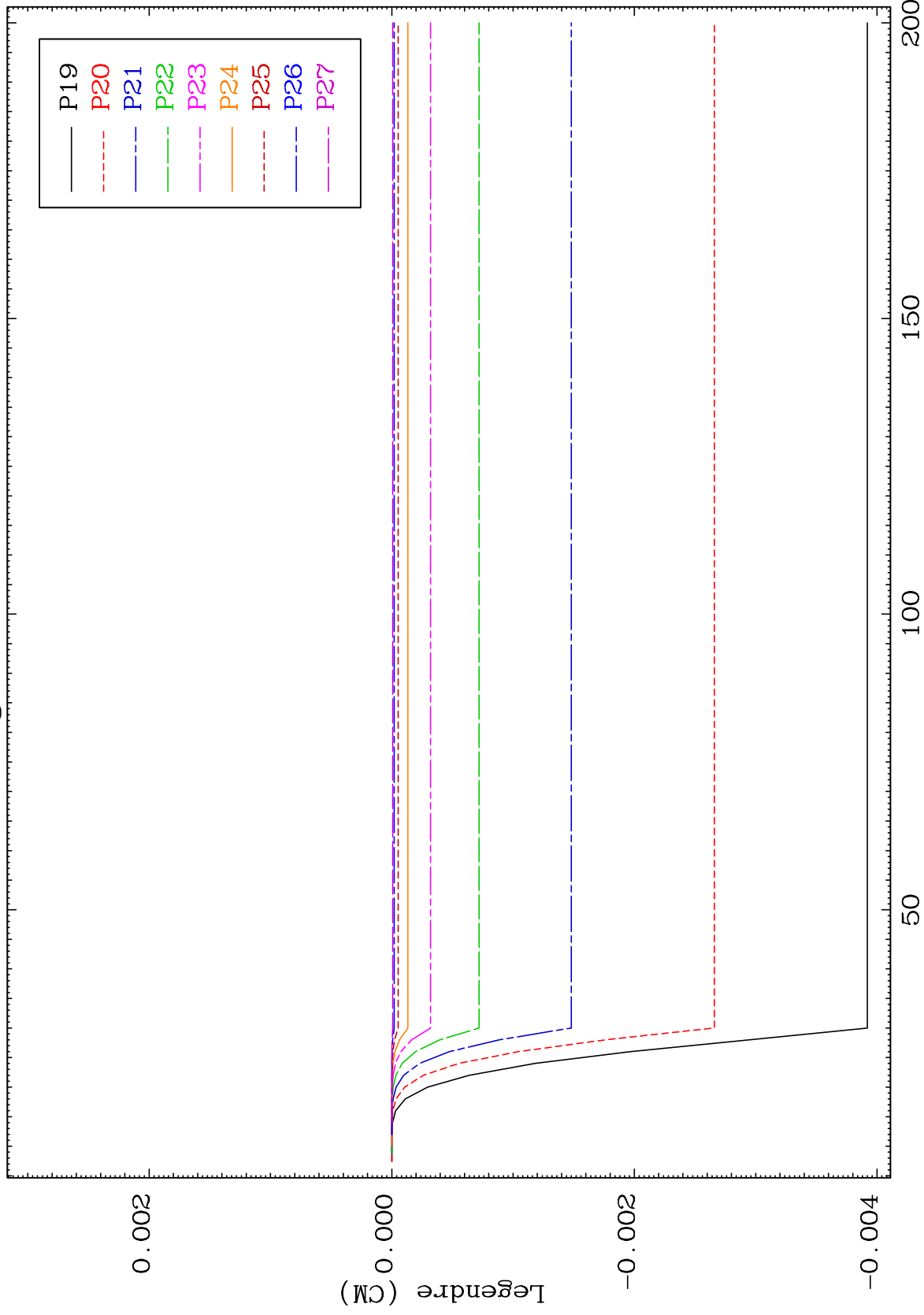
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

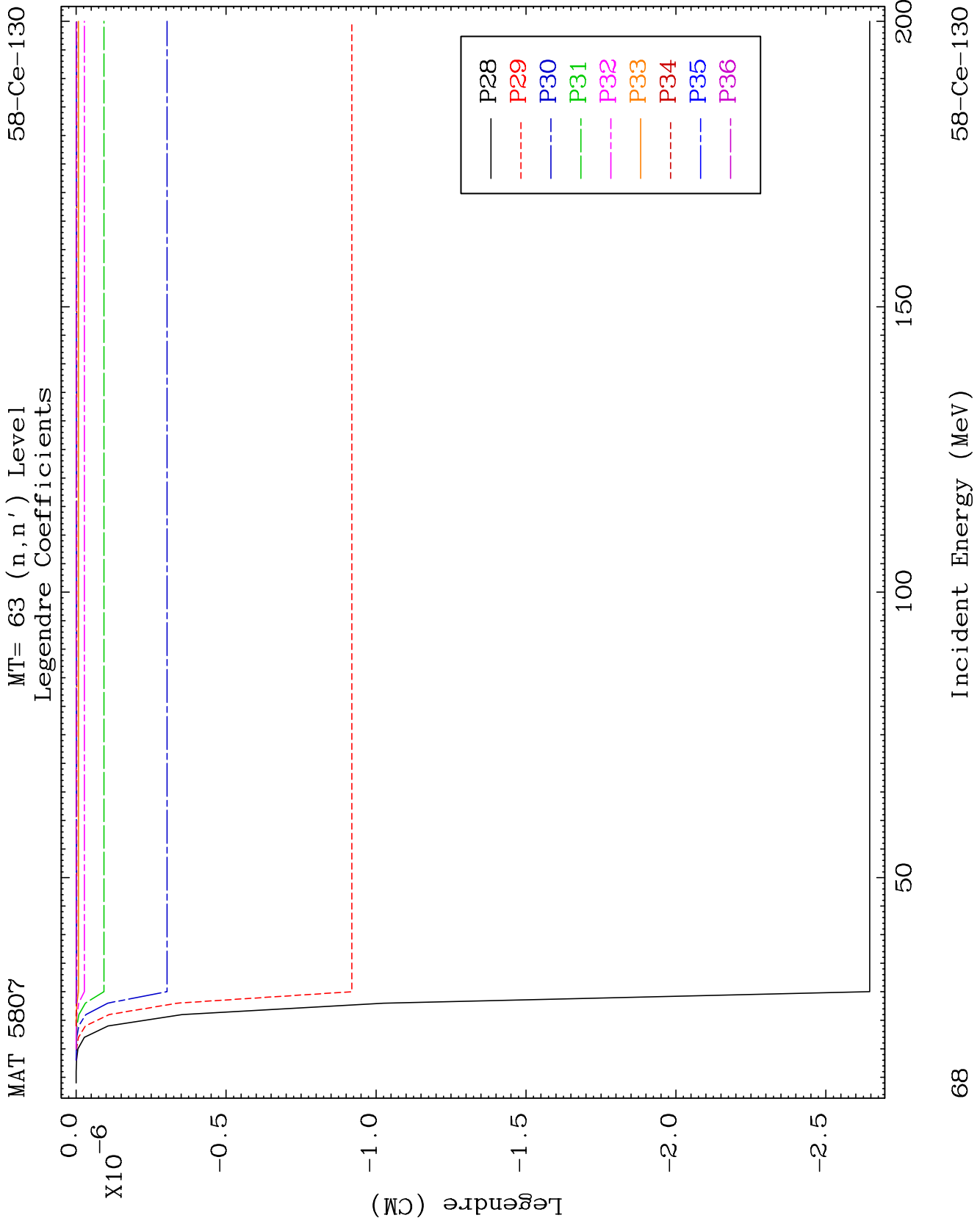
58-Ce-130



67

Incident Energy (MeV)

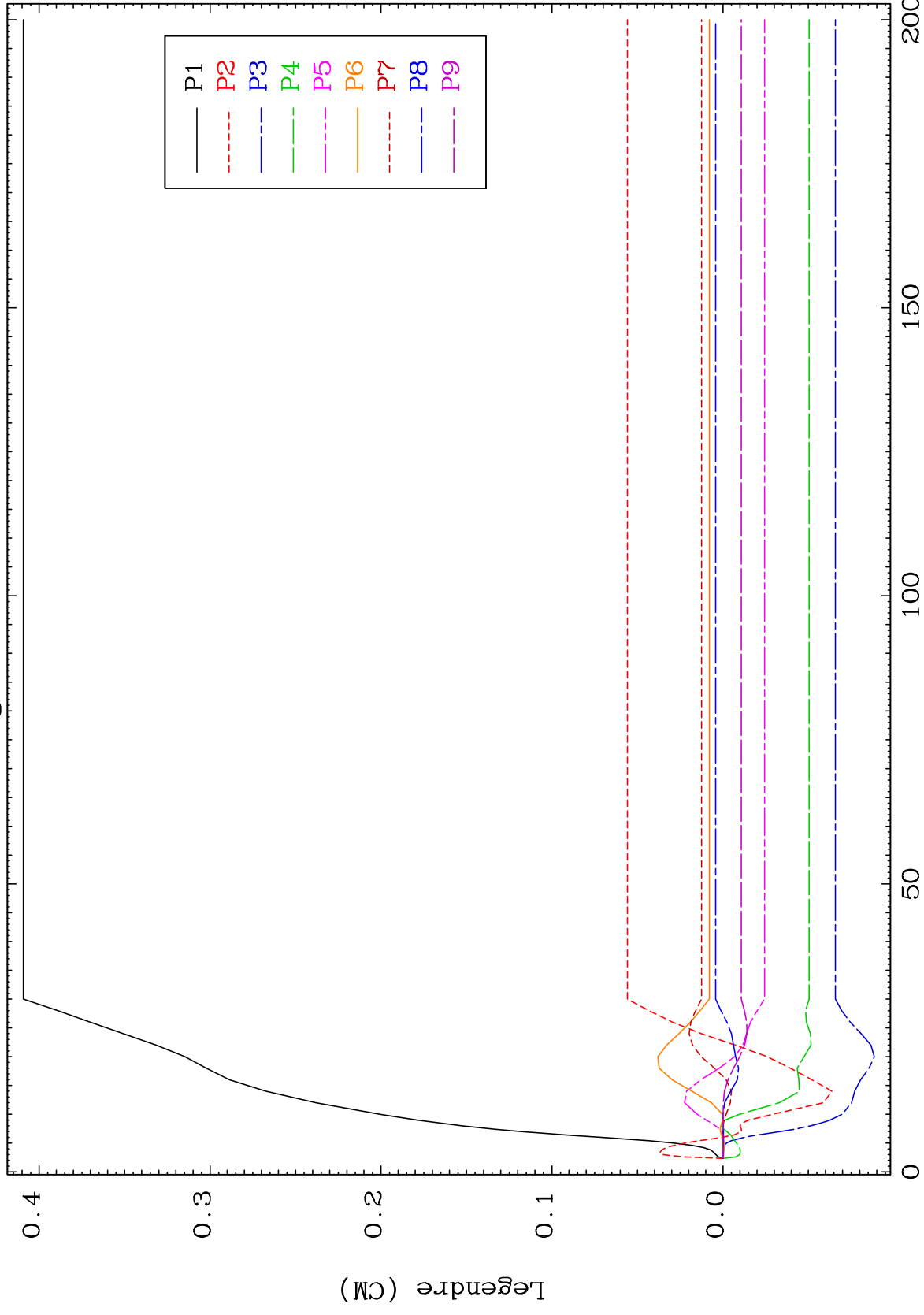
58-Ce-130



MAT 5807

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

58-Ce-130



69

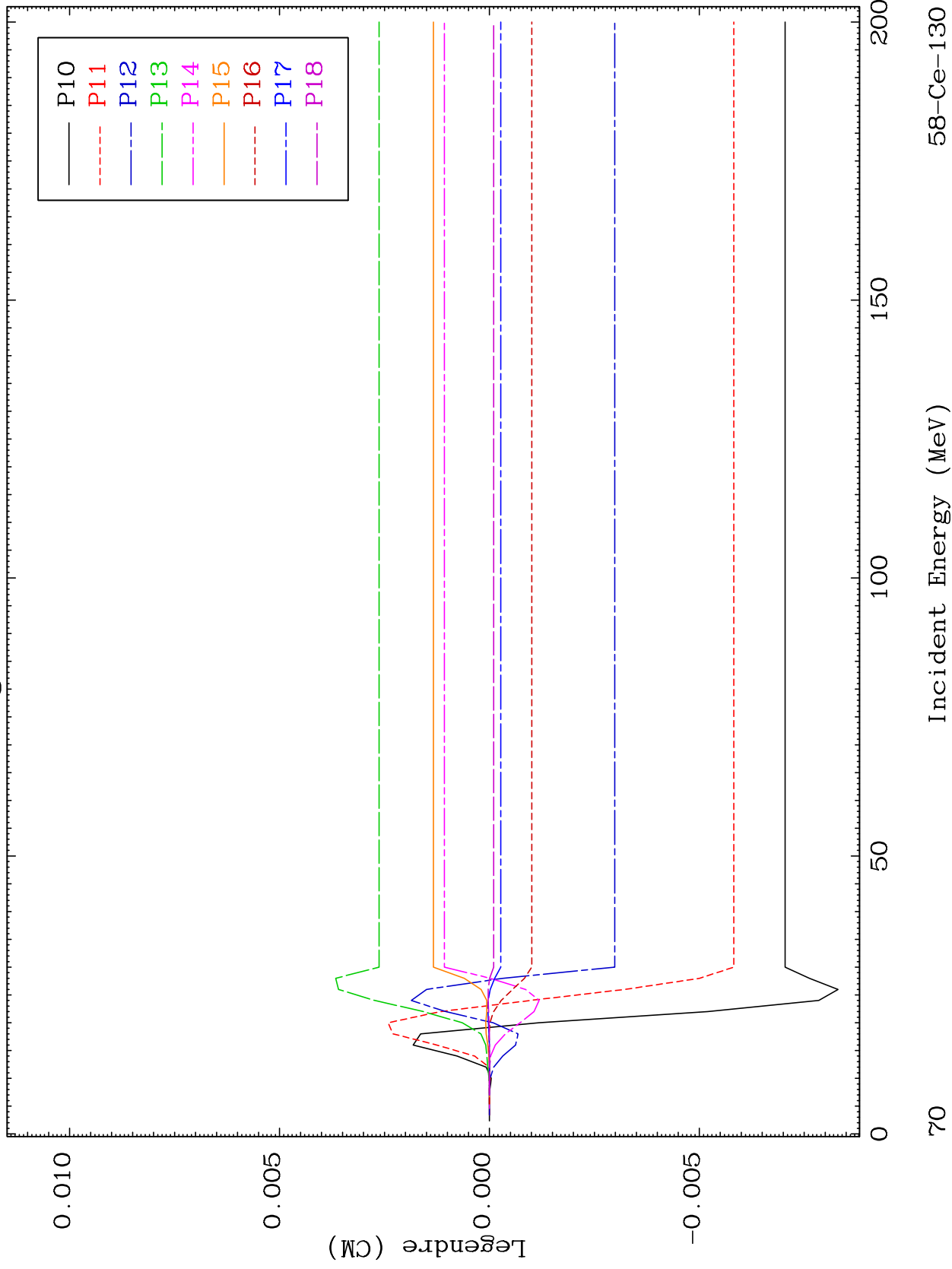
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

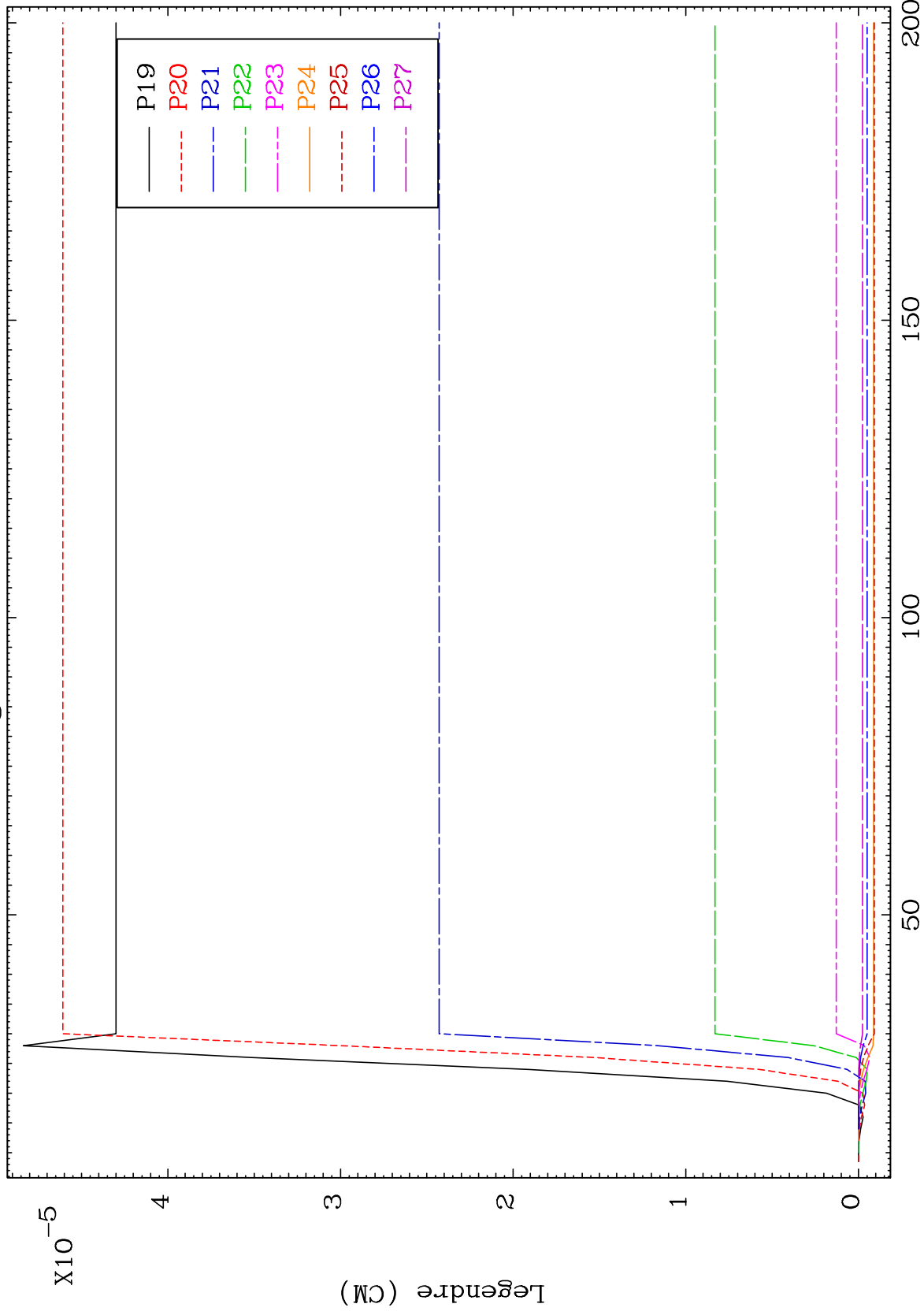
Incident Energy (MeV)

70

MAT 5807

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

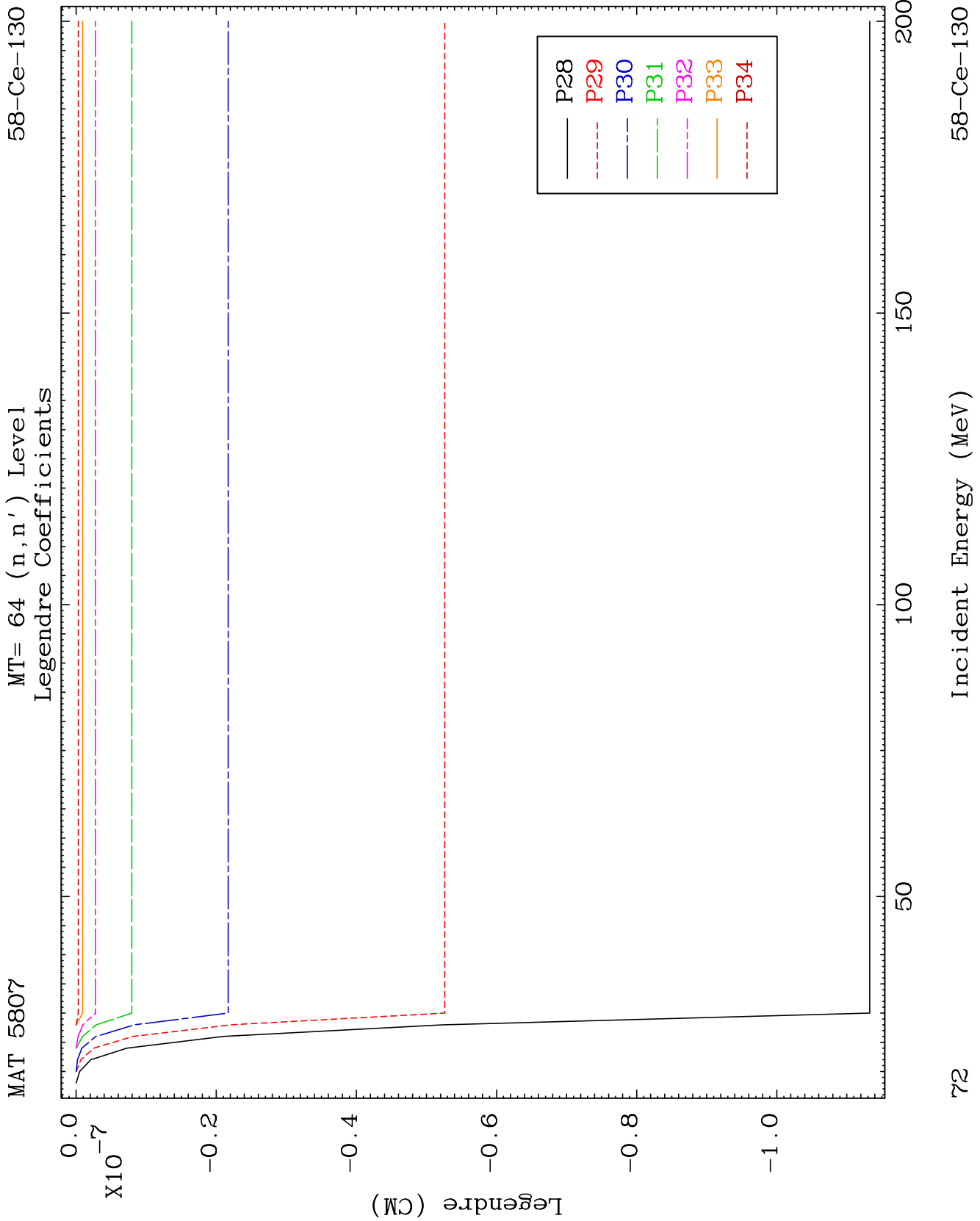
58-Ce-130



71

Incident Energy (MeV)

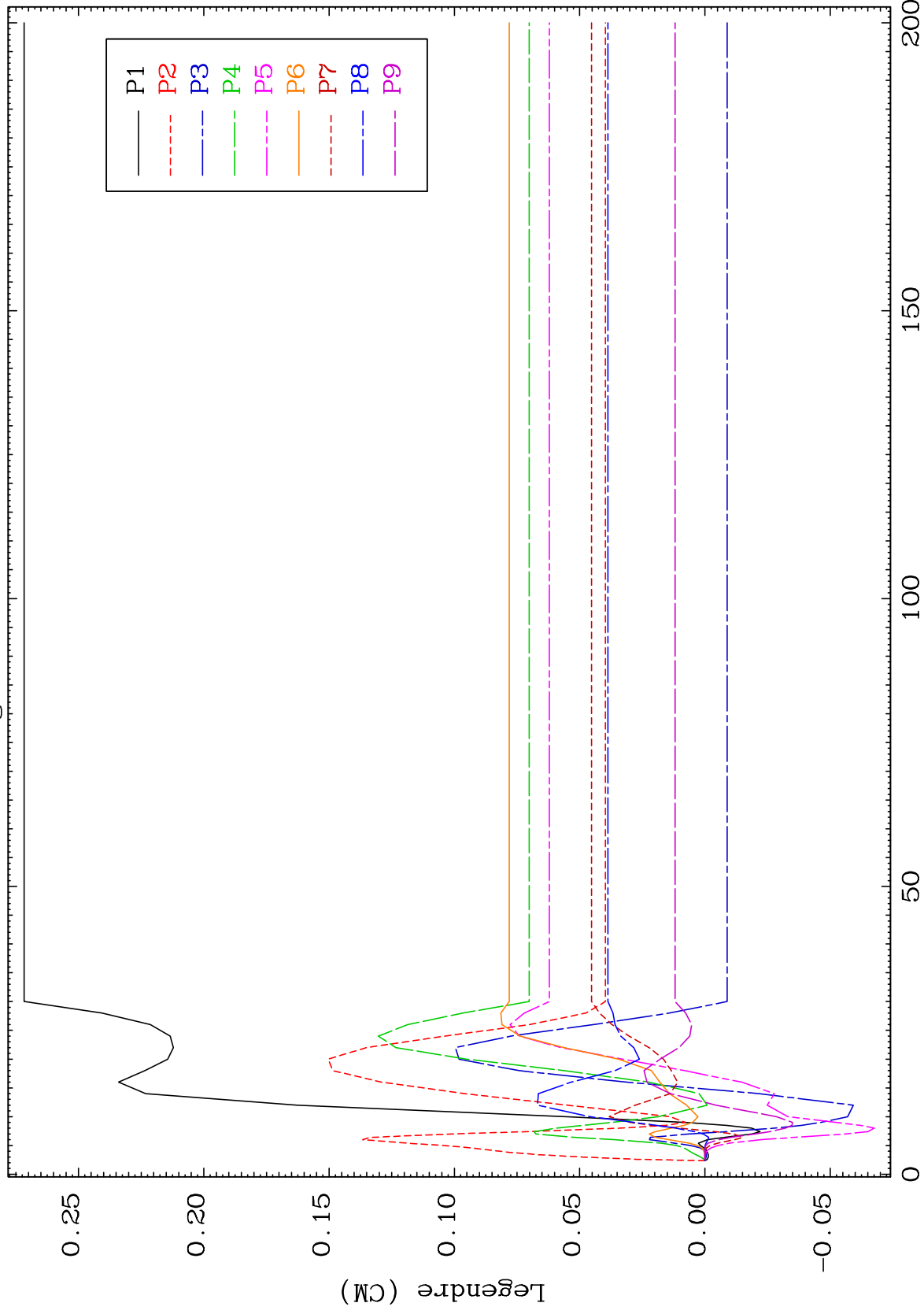
58-Ce-130



MAT 5807

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

58-Ce-130



73

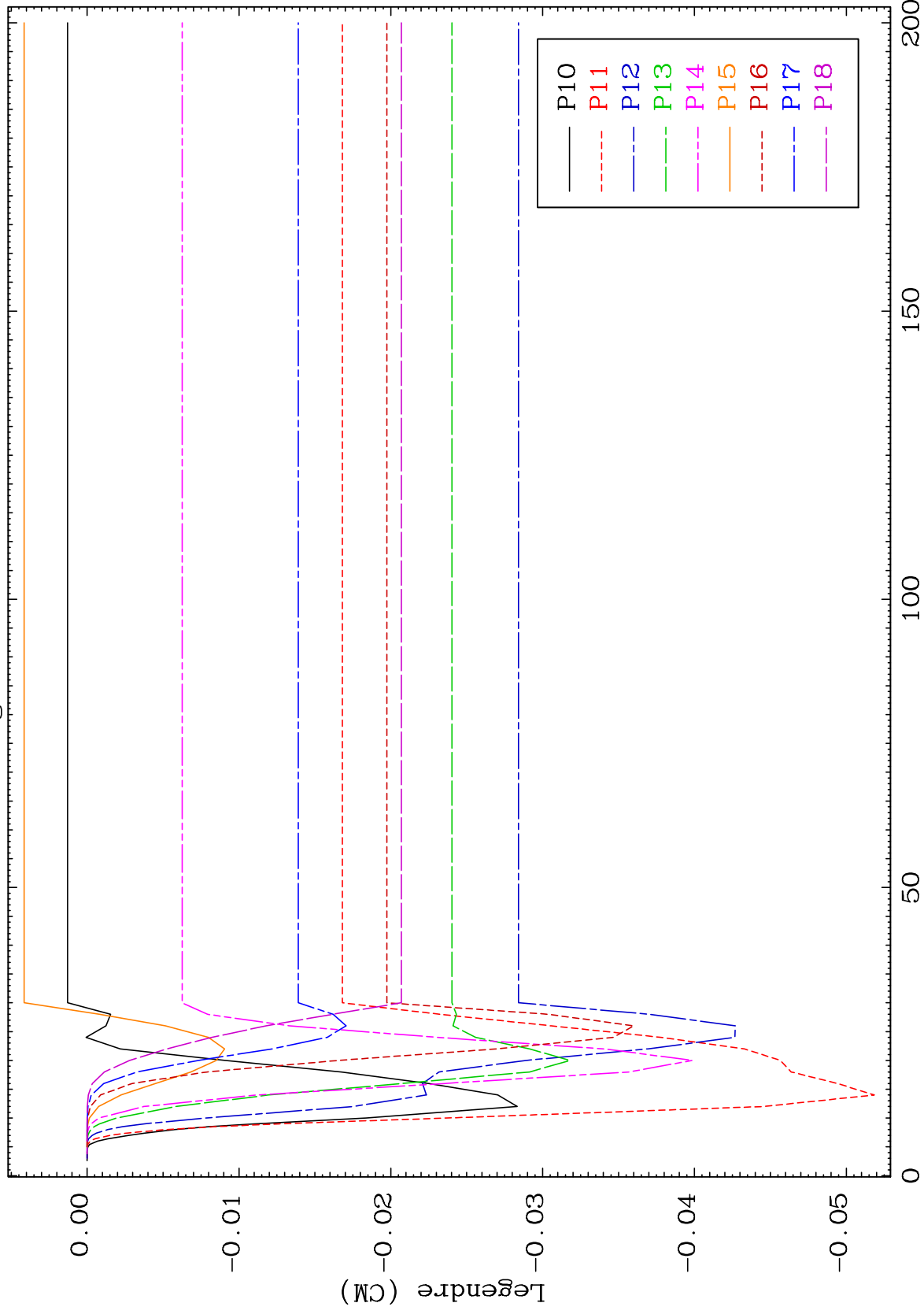
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

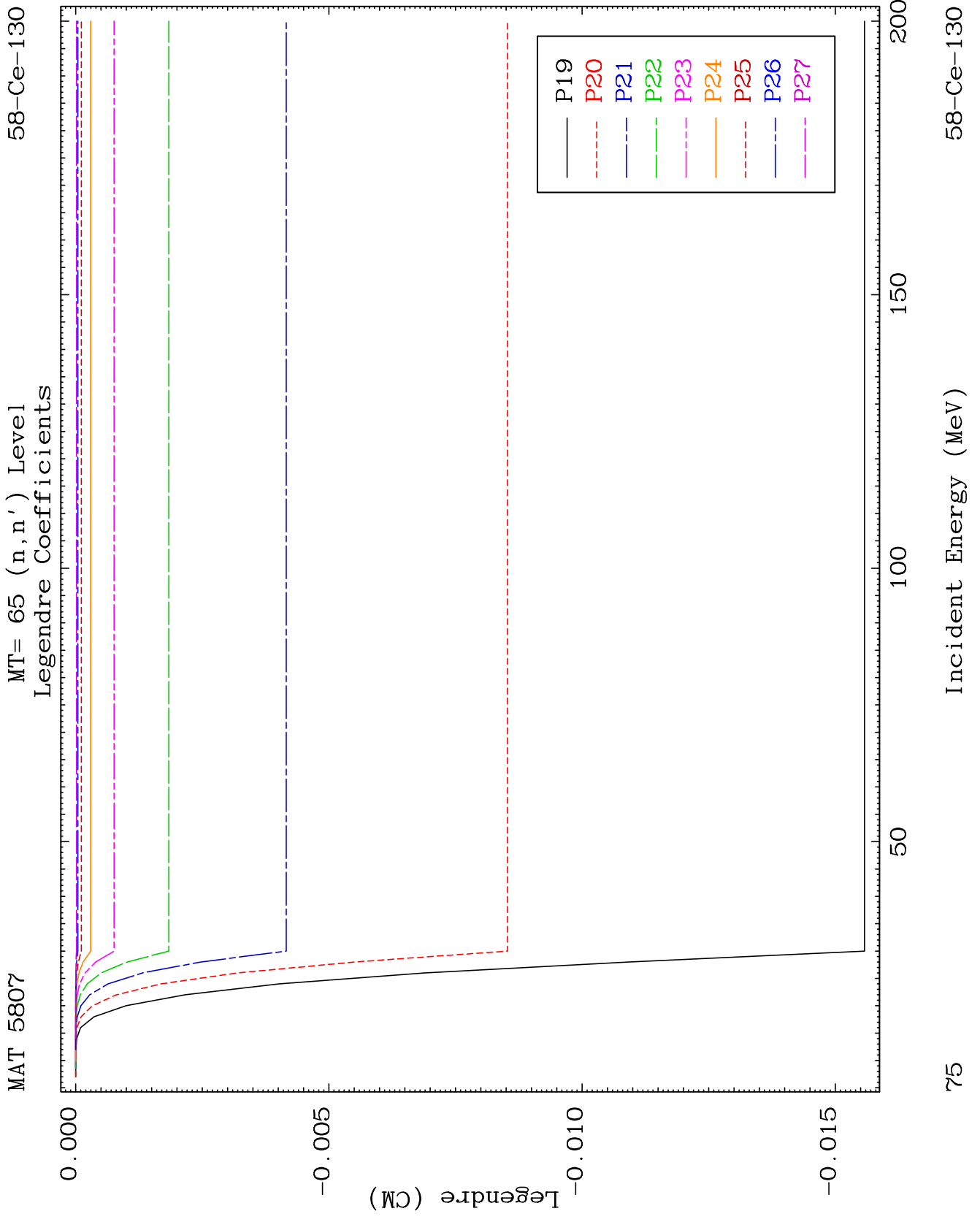
58-Ce-130

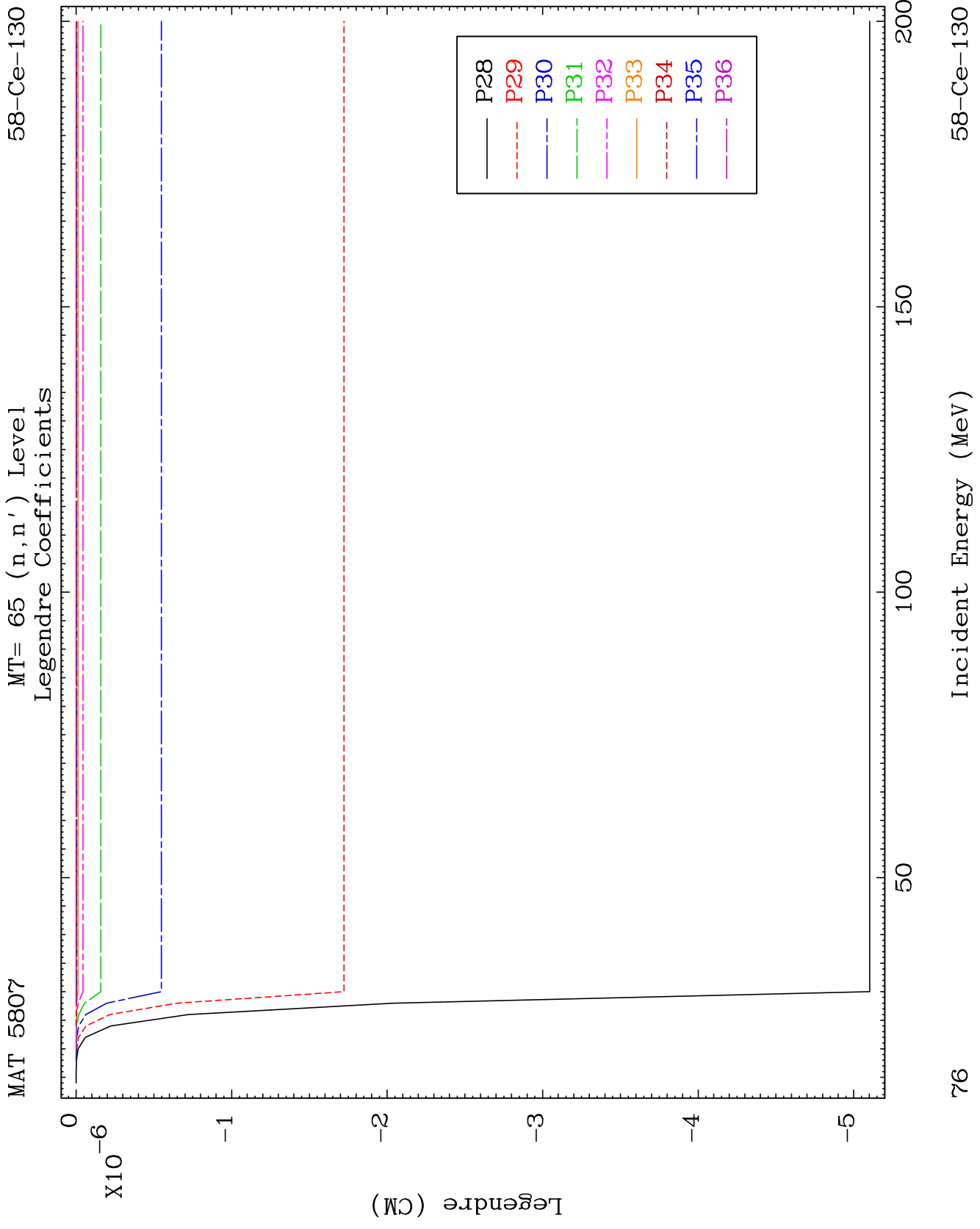


74

Incident Energy (MeV)

58-Ce-130

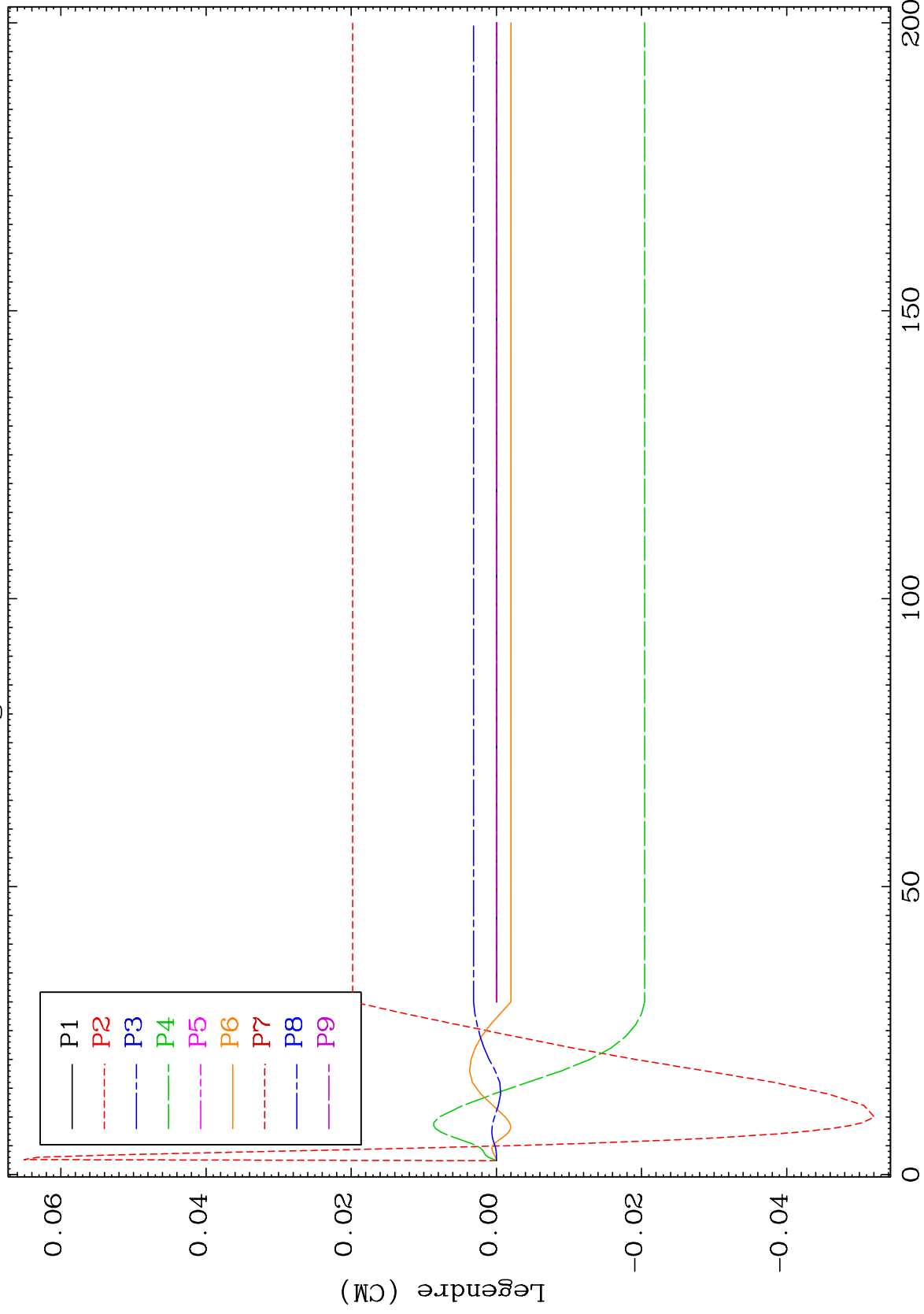




MAT 5807

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

58-Ce-130



77

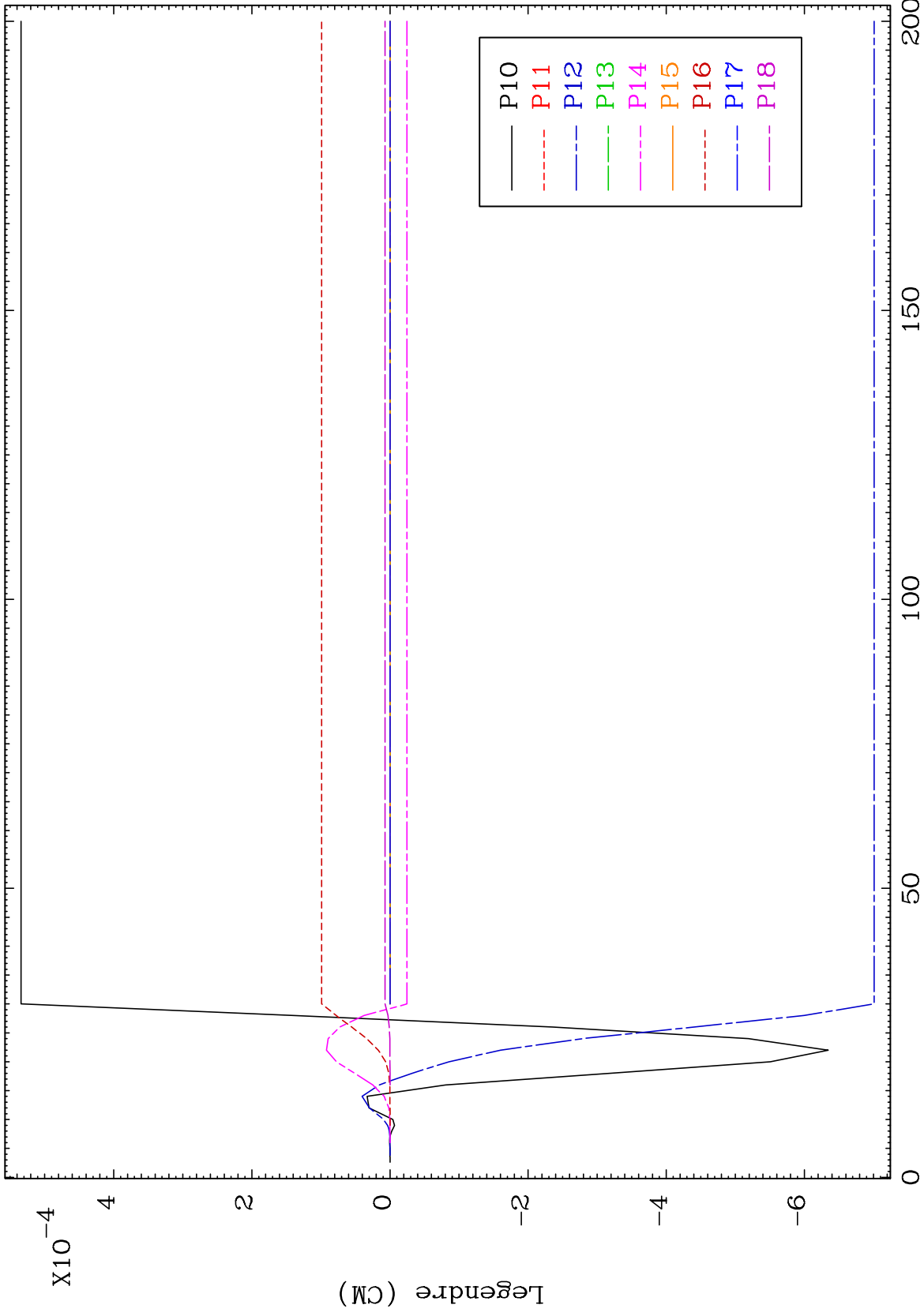
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

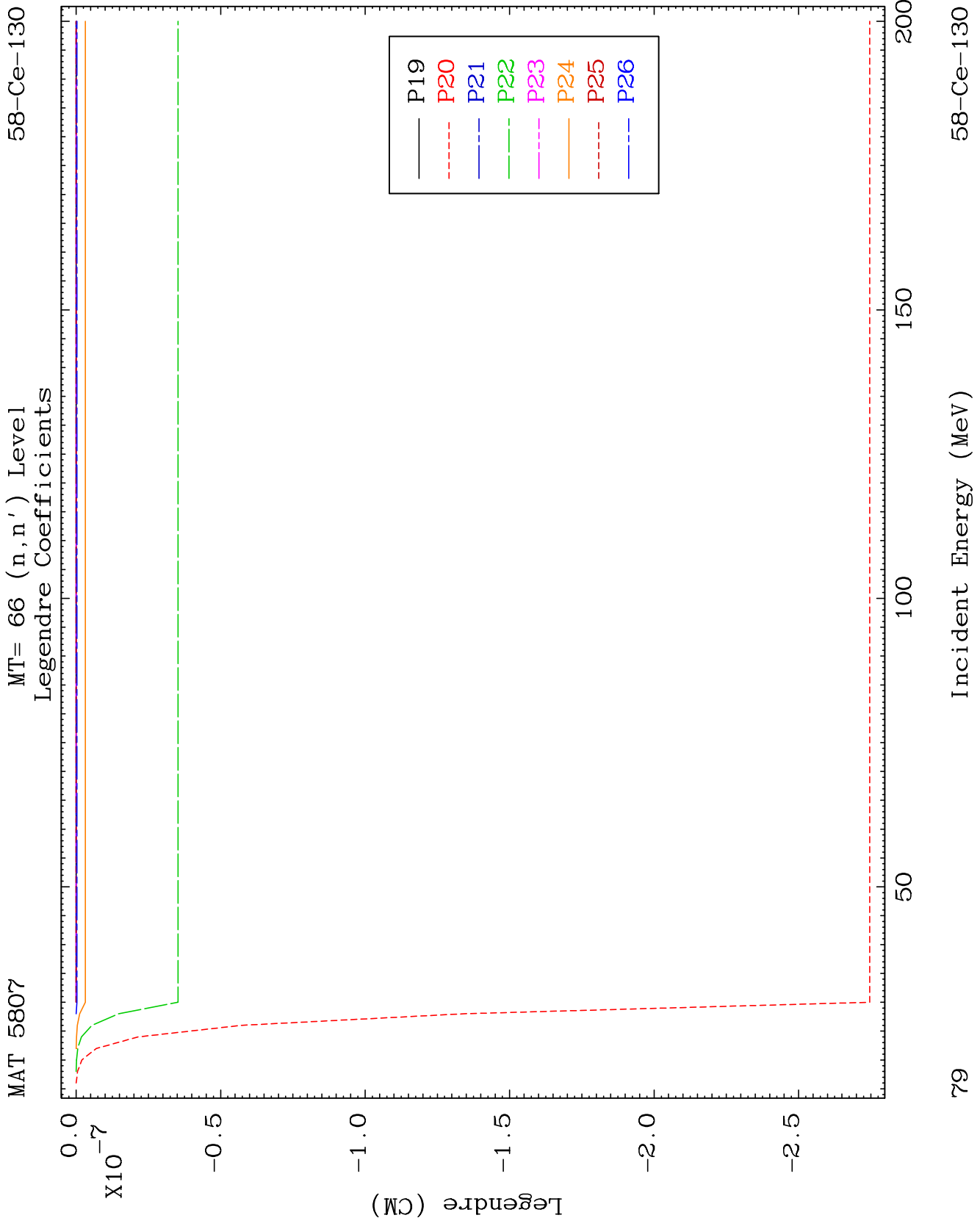
58-Ce-130



78

Incident Energy (MeV)

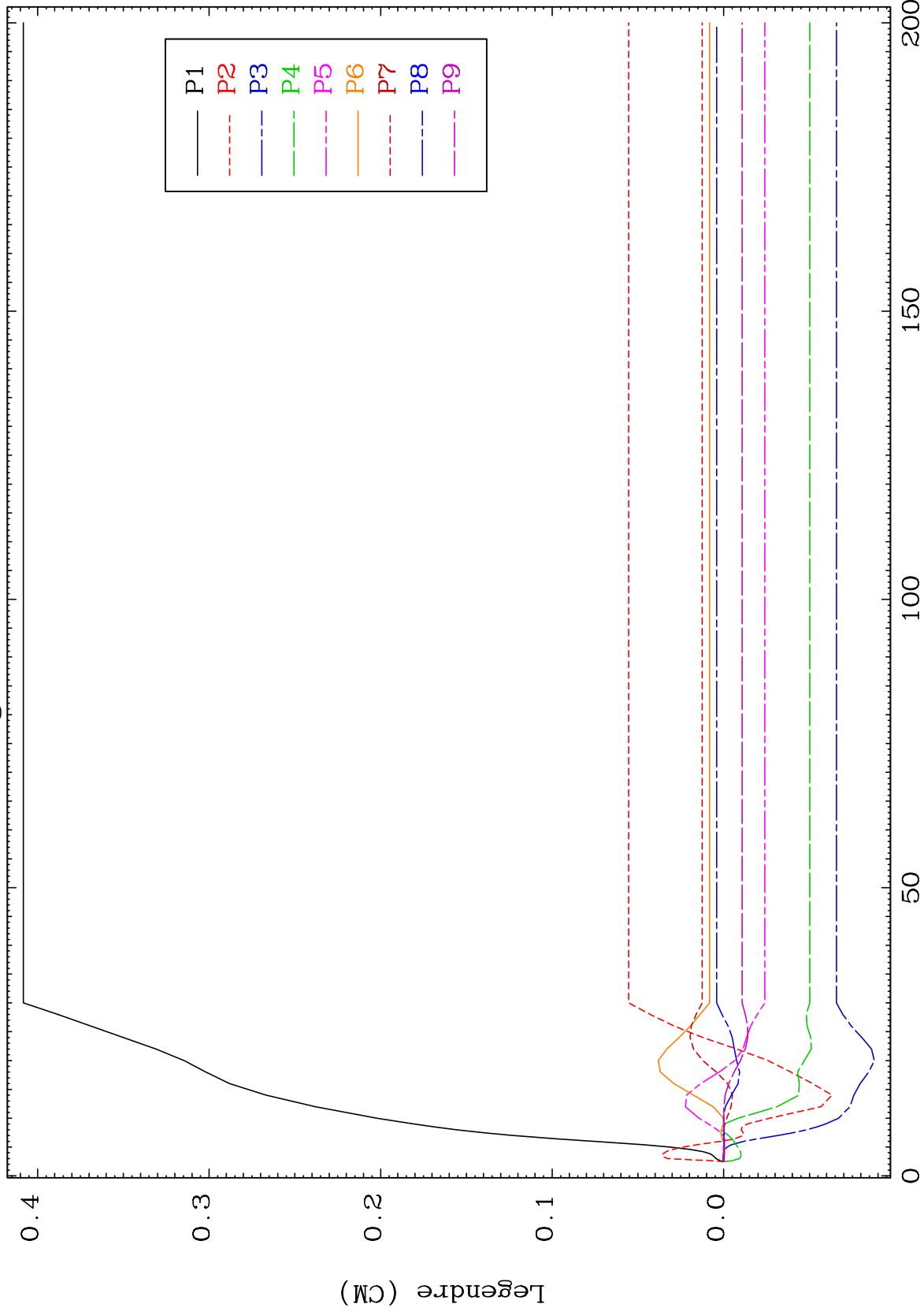
58-Ce-130



MAT 5807

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

58-Ce-130



58-Ce-130

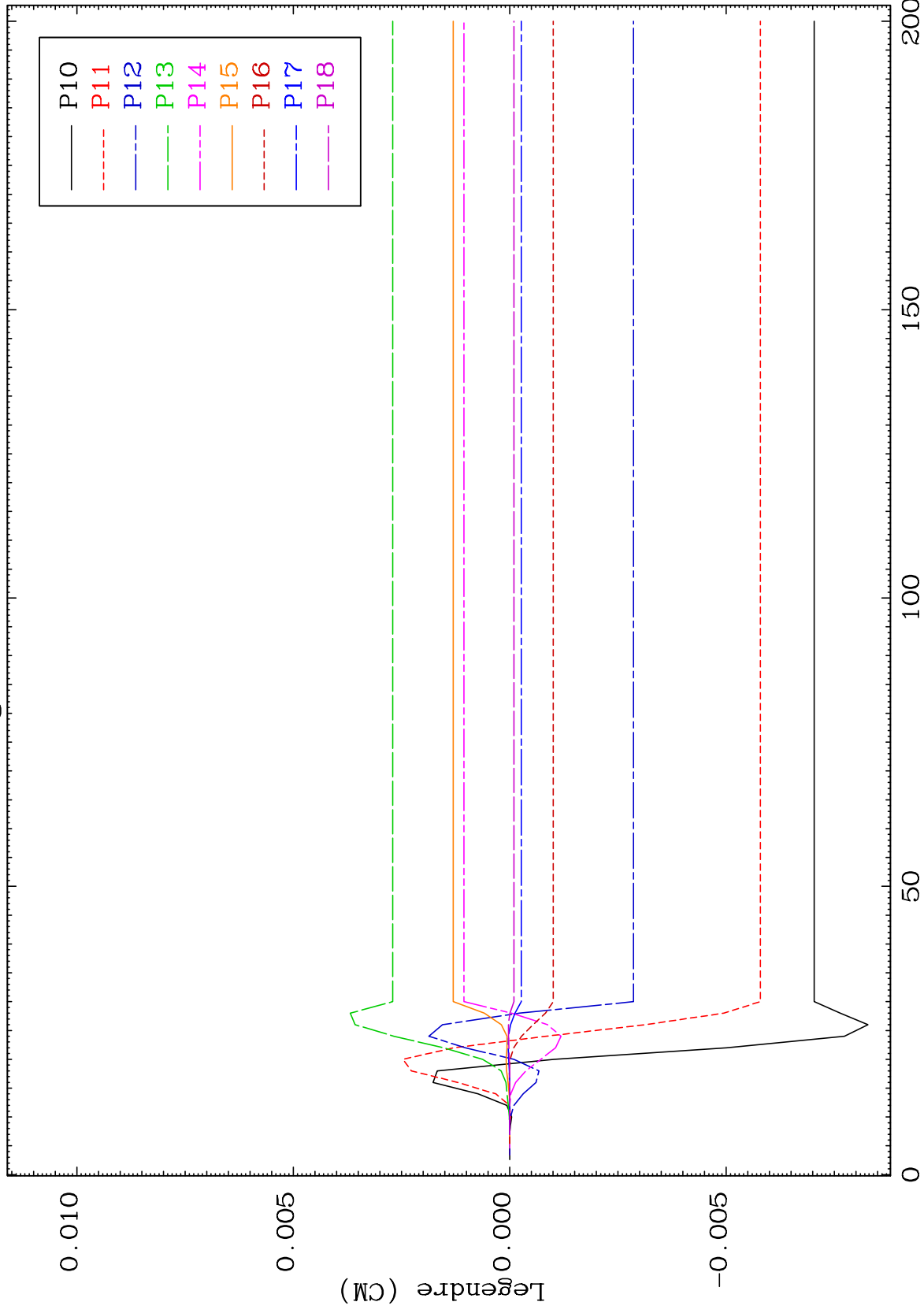
Incident Energy (MeV)

80

MAT 5807

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

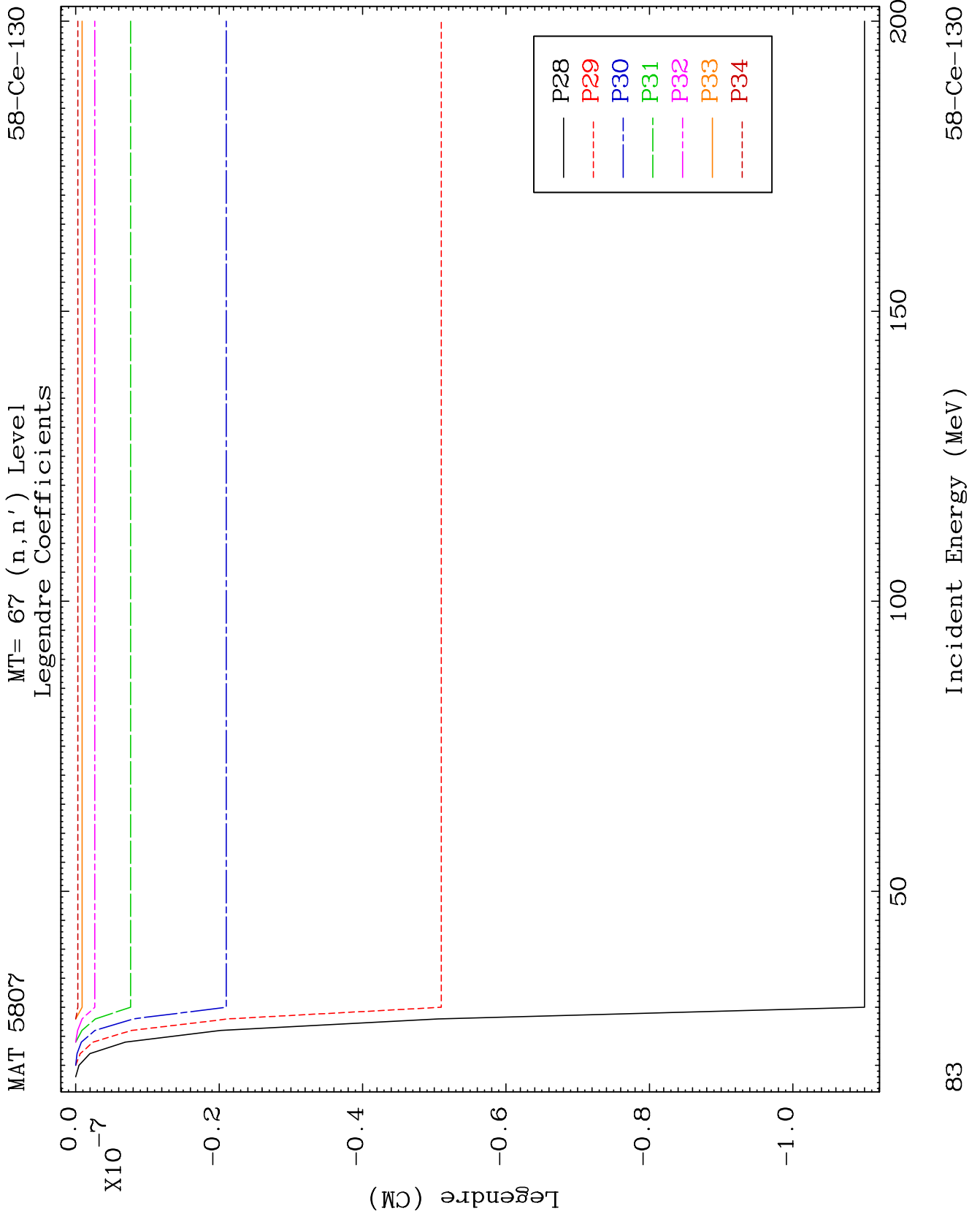
58-Ce-130



81

Incident Energy (MeV)

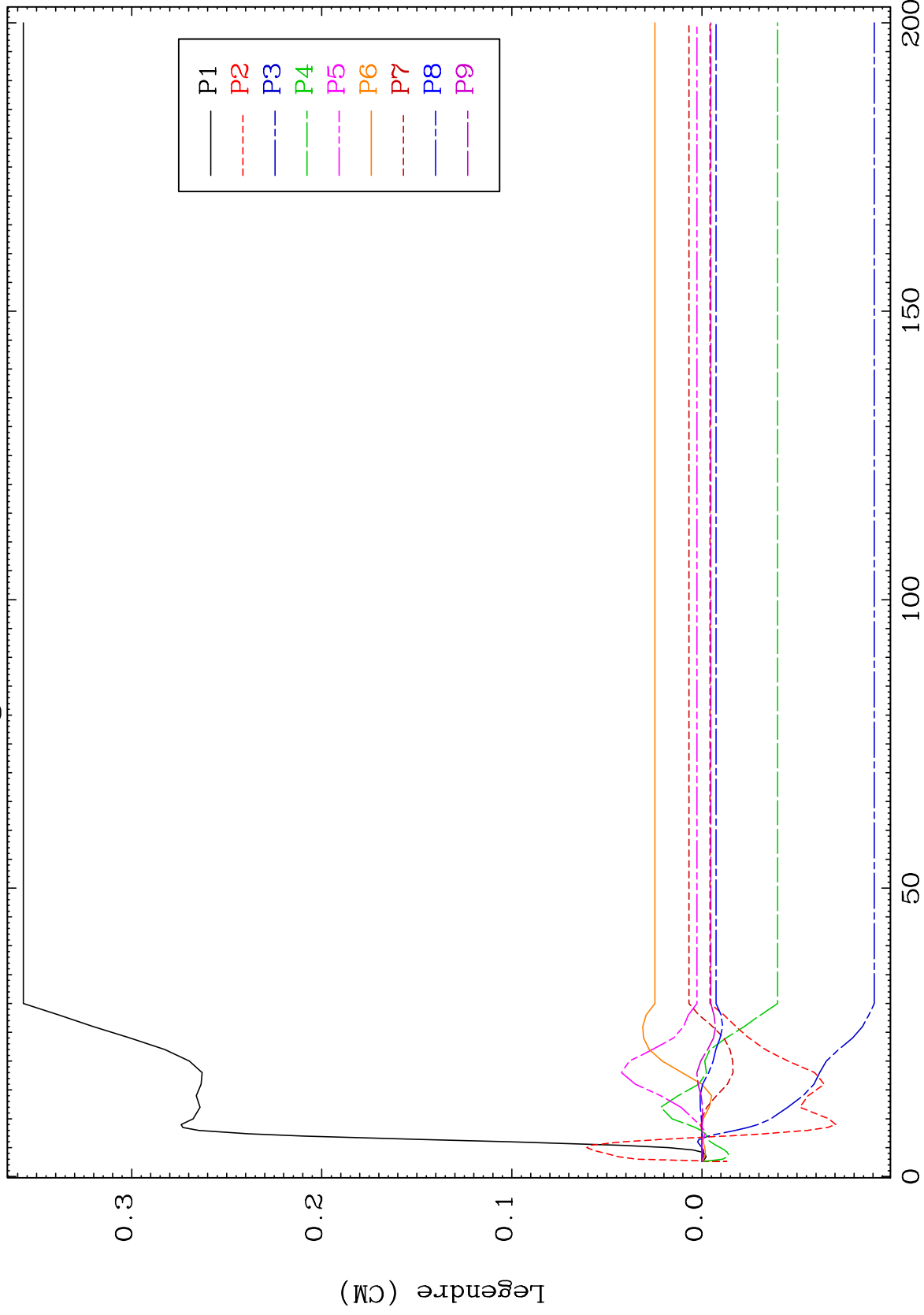
58-Ce-130



MAT 5807

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

58-Ce-130



84

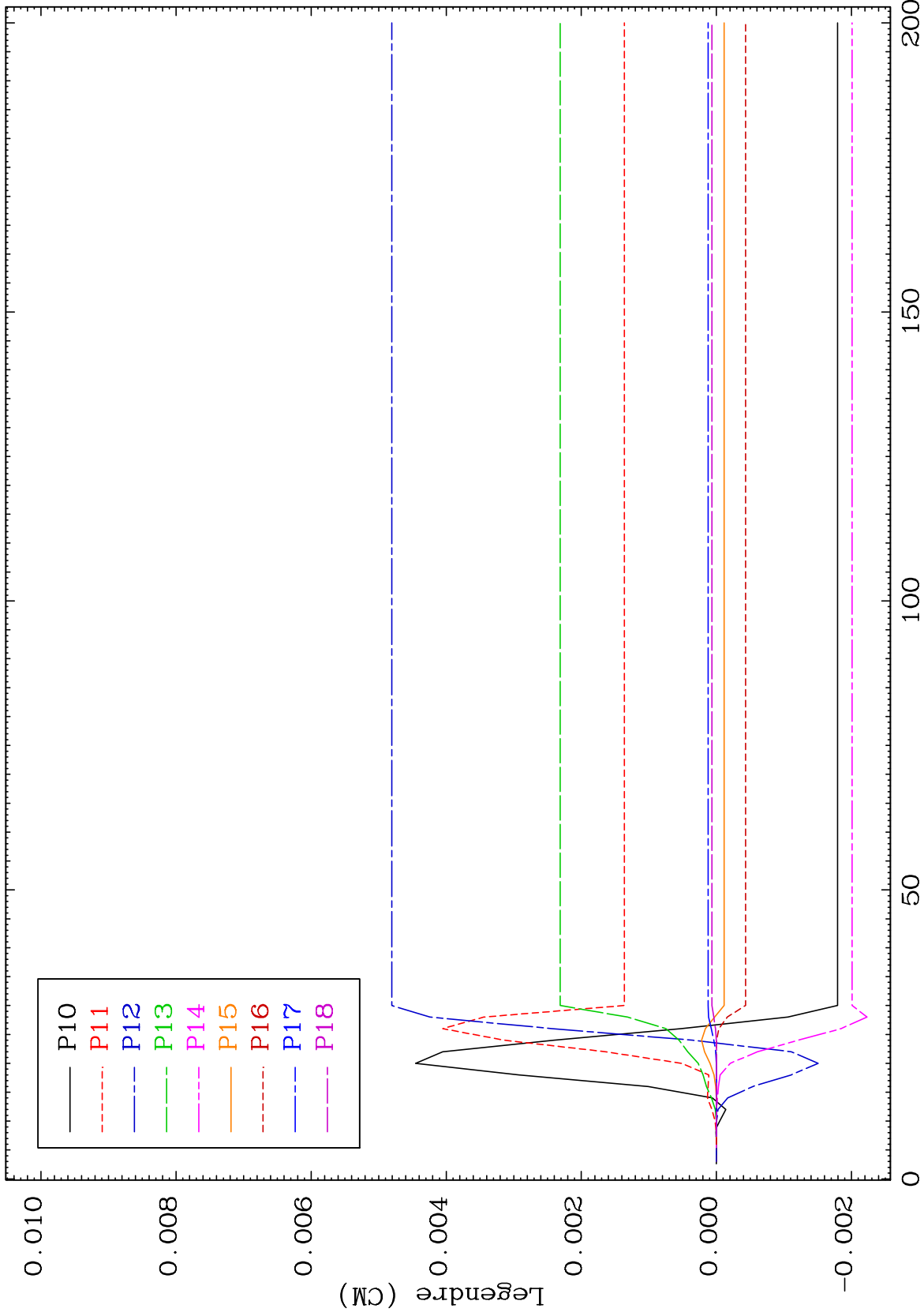
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



85

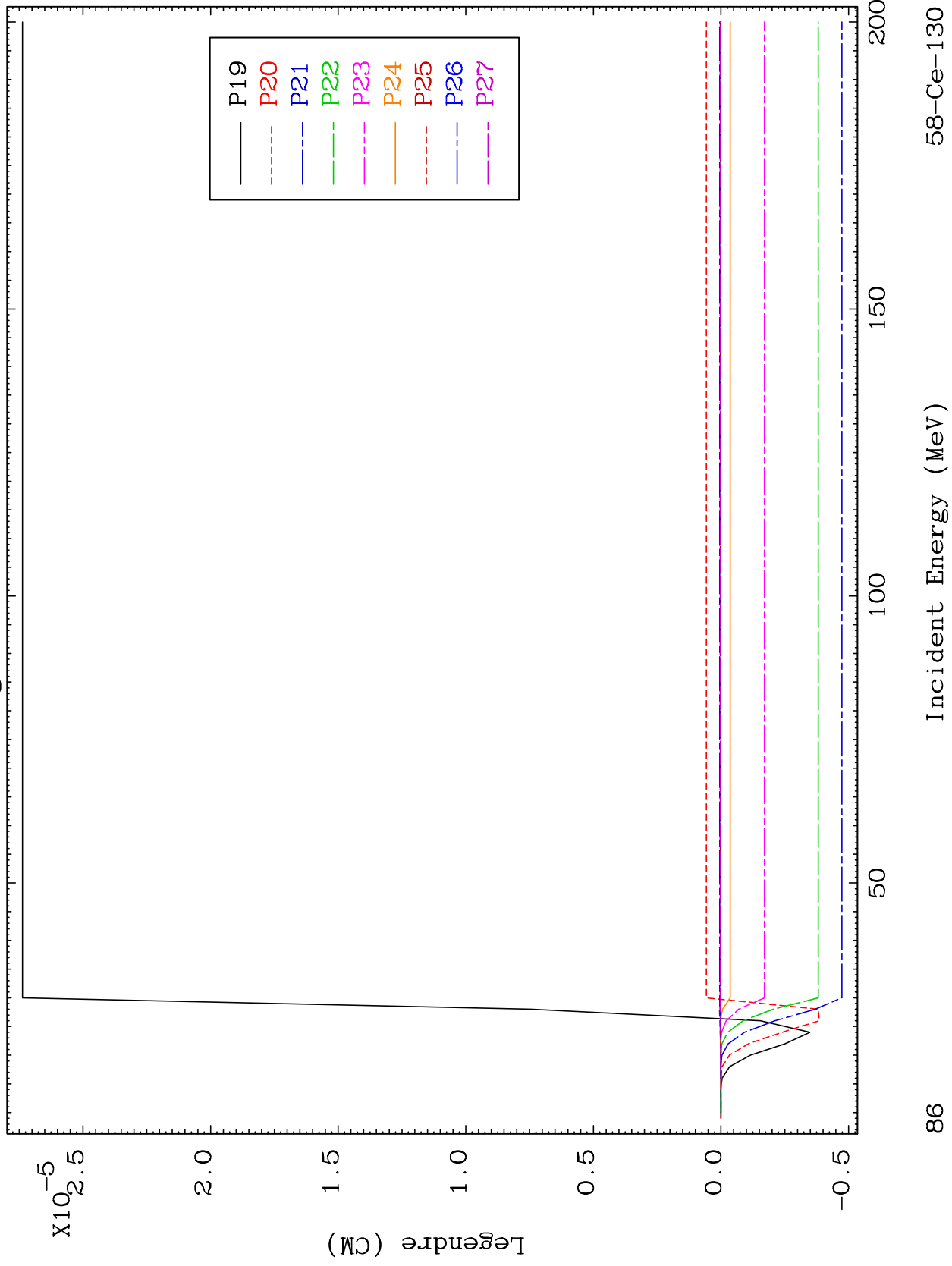
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

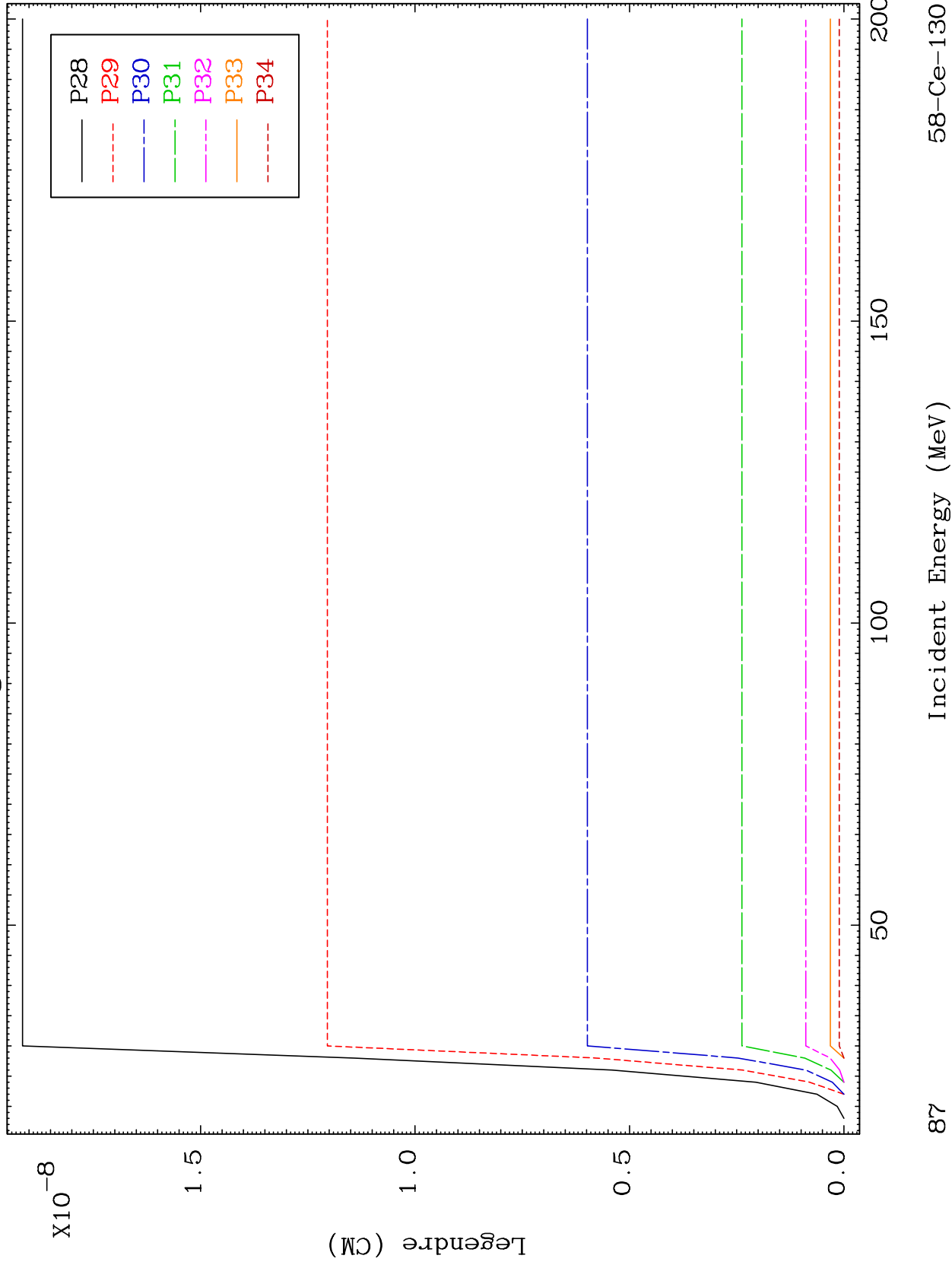
58-Ce-130



MAT 5807

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

58-Ce-130



87

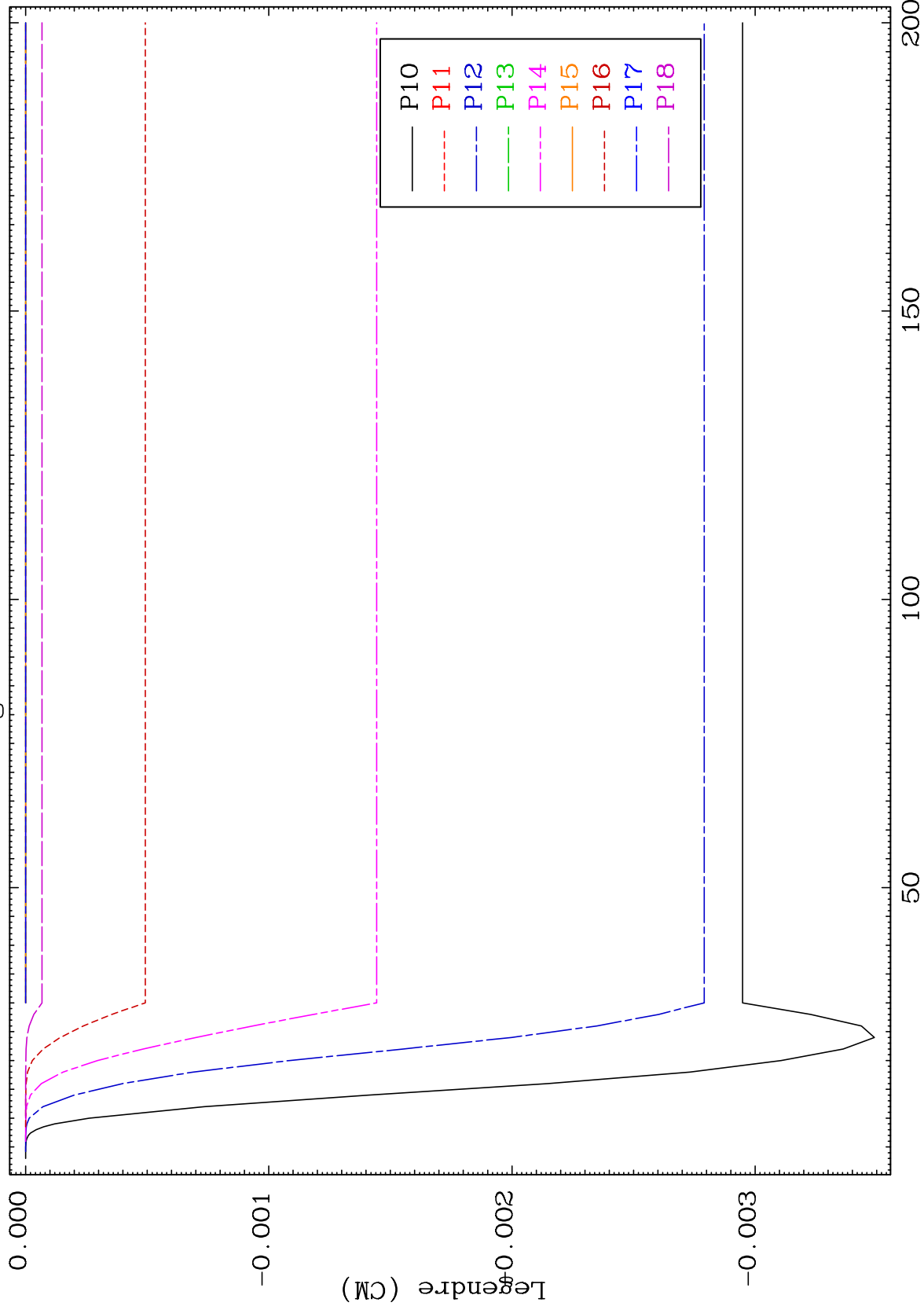
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

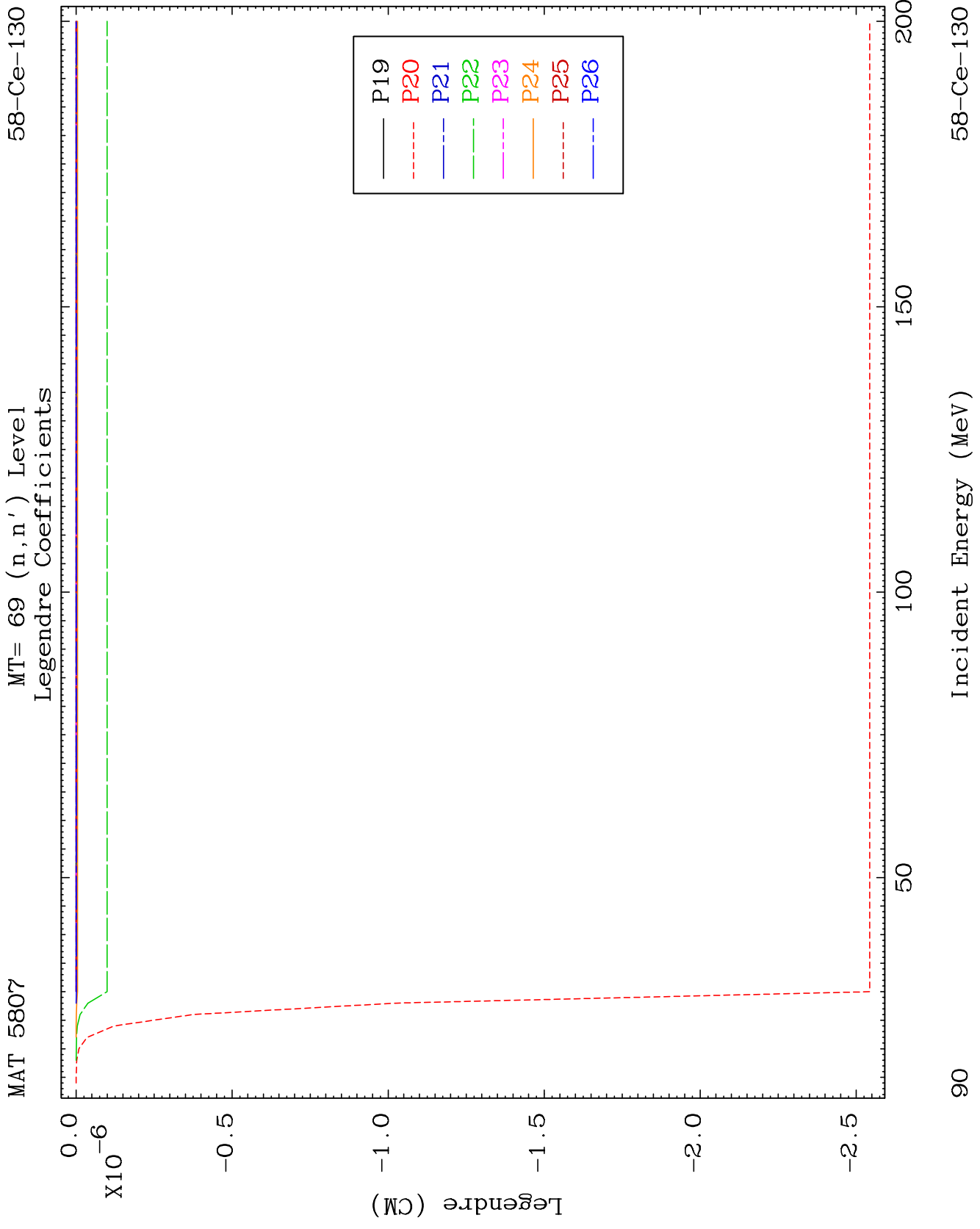
58-Ce-130



58-Ce-130

Incident Energy (MeV)

89

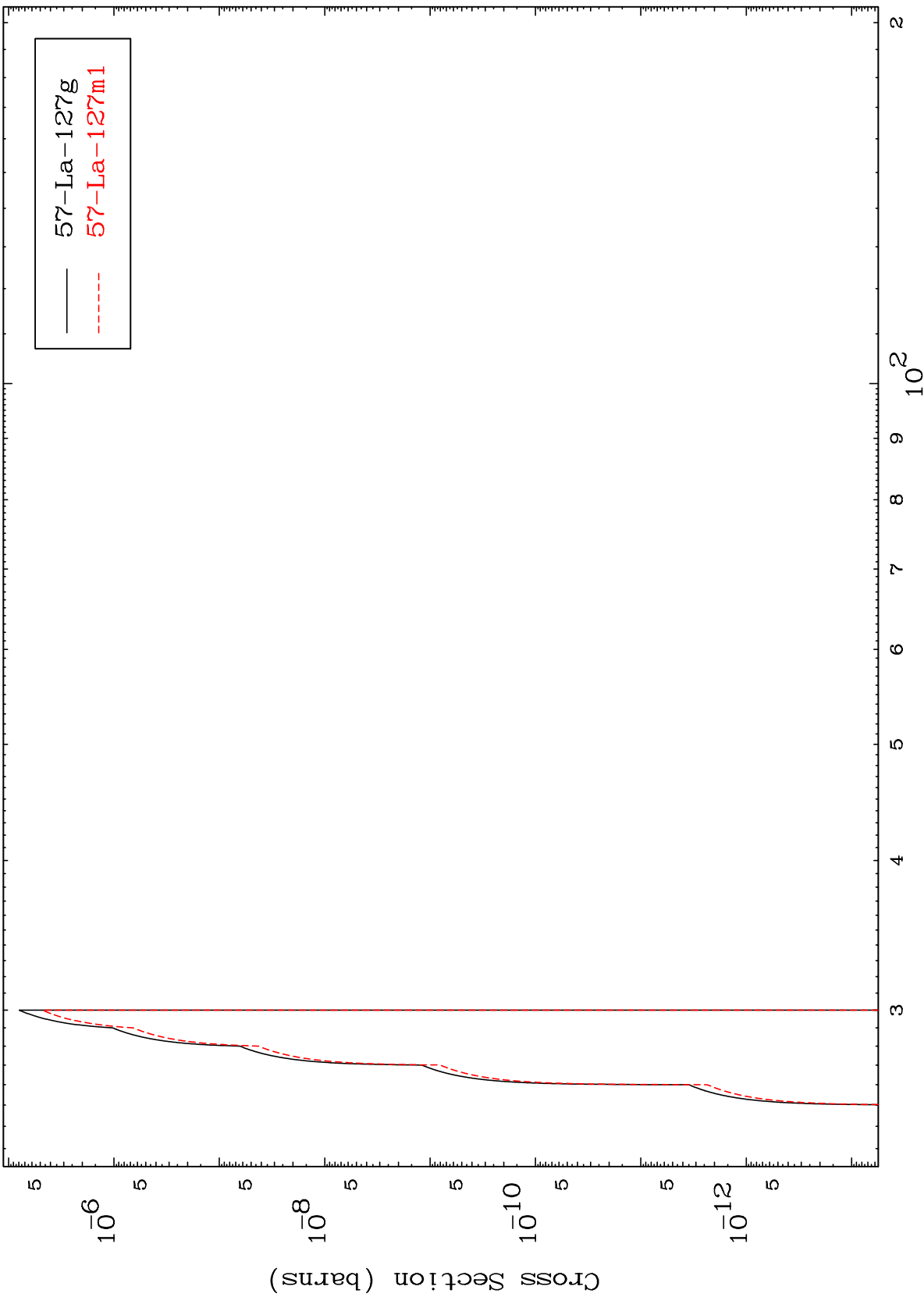


MAT 5807

(n,2n) d

58-Ce-130

Radionuclide Production Cross Section



91

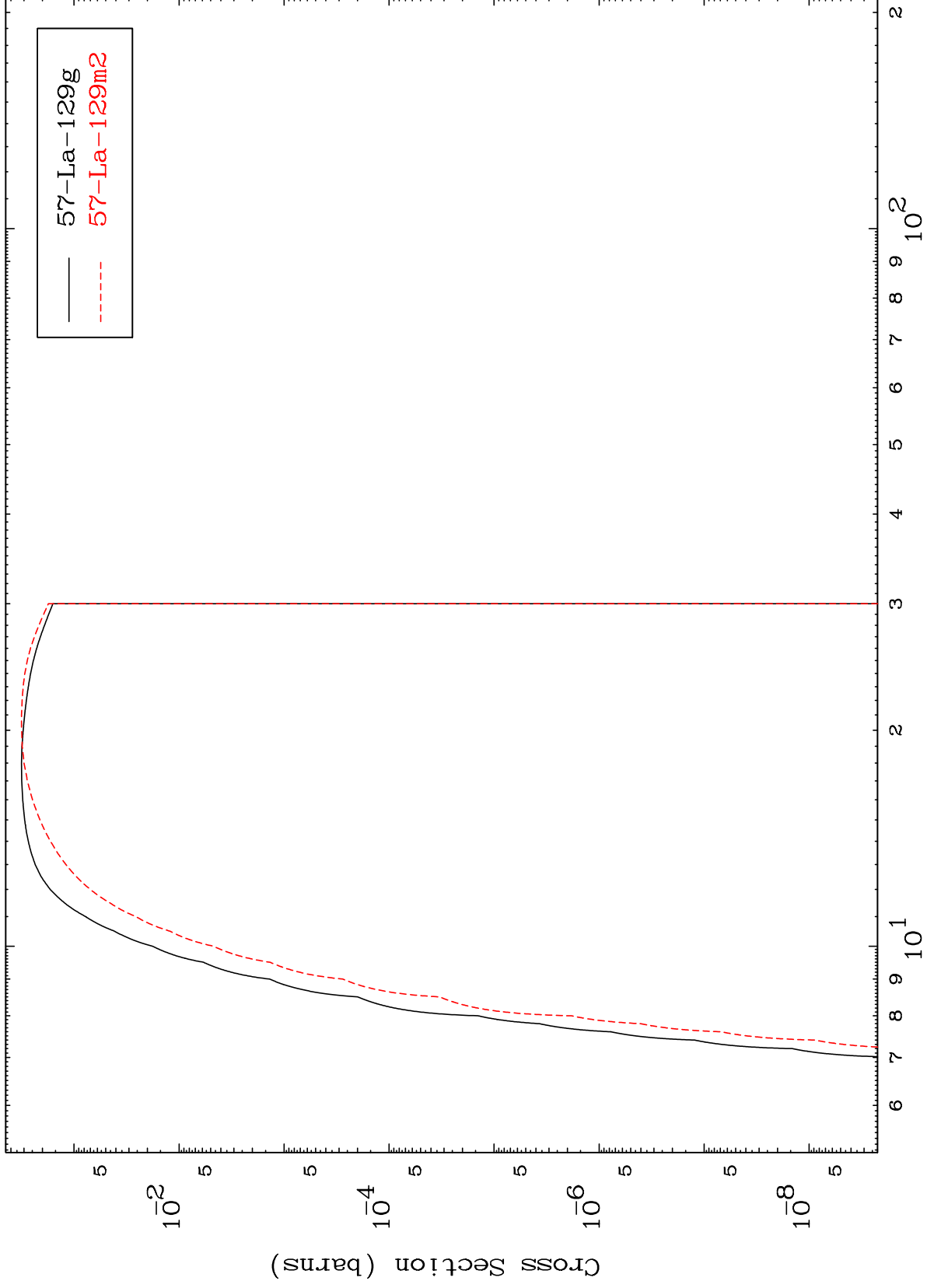
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n, n') p
Radionuclide Production Cross Section



92

Incident Energy (MeV)

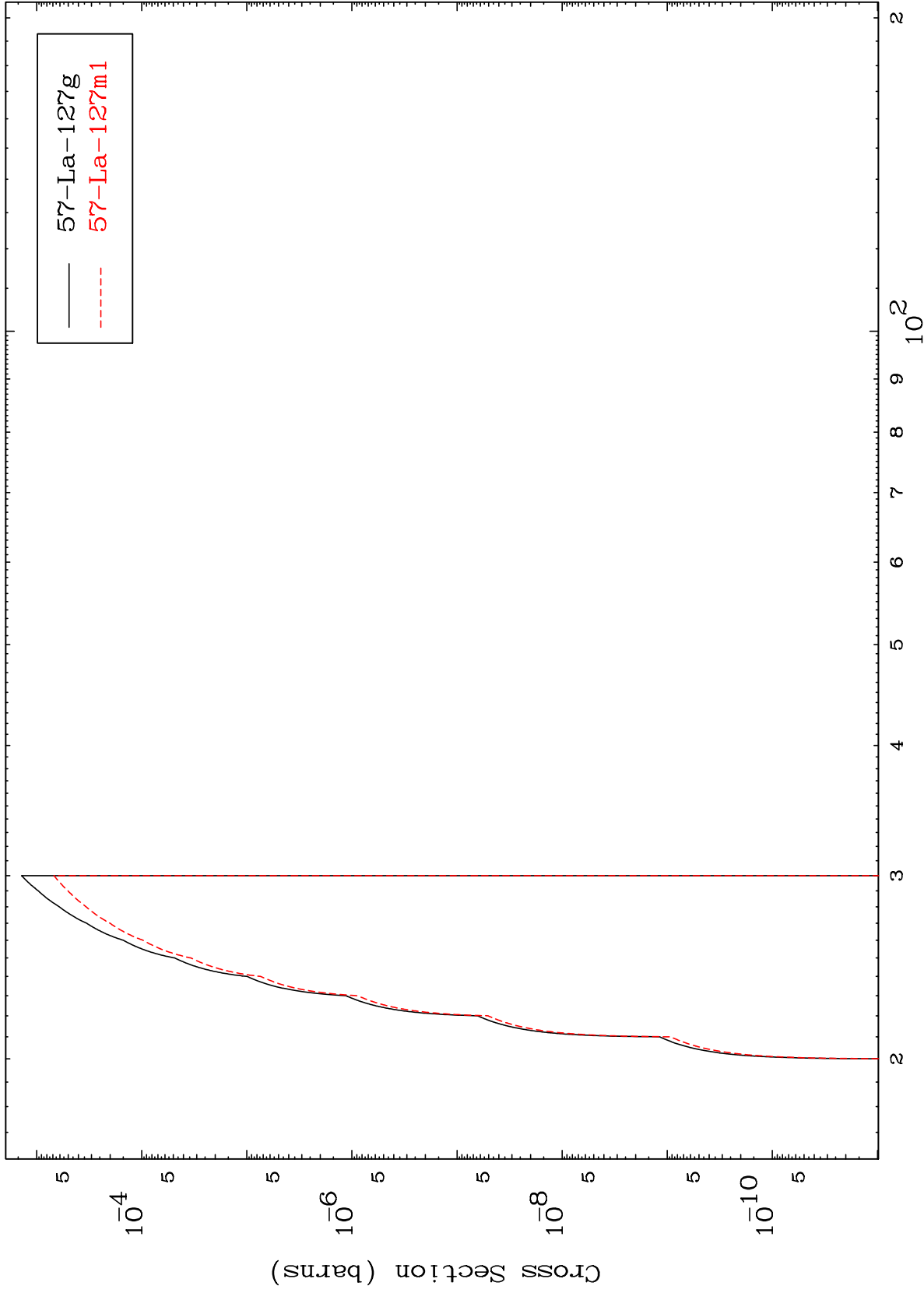
58-Ce-130

MAT 5807

(n,n') t

58-Ce-130

Radionuclide Production Cross Section



93

Incident Energy (MeV)

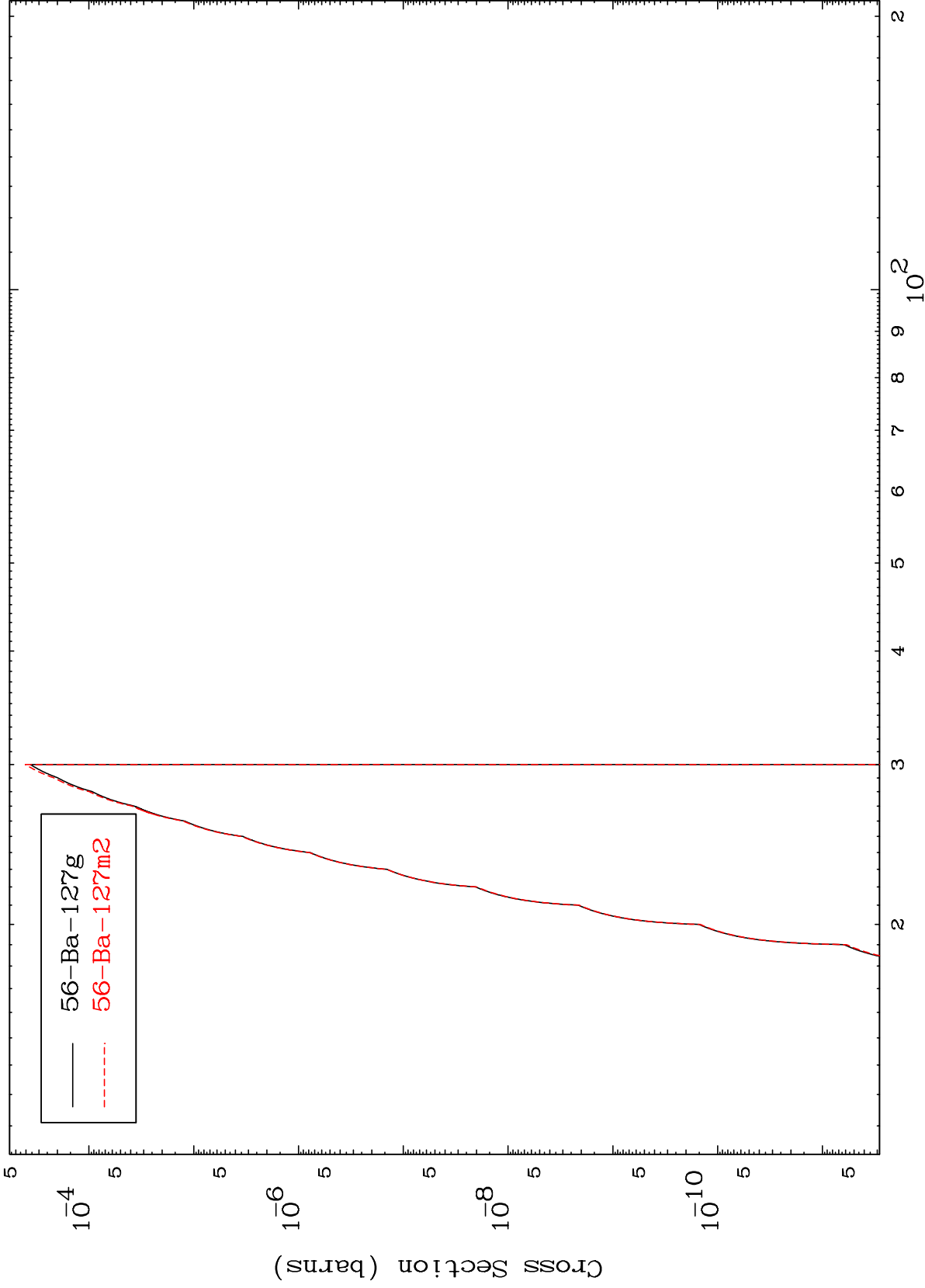
58-Ce-130

MAT 5807

(n,n') He-3

58-Ce-130

Radionuclide Production Cross Section

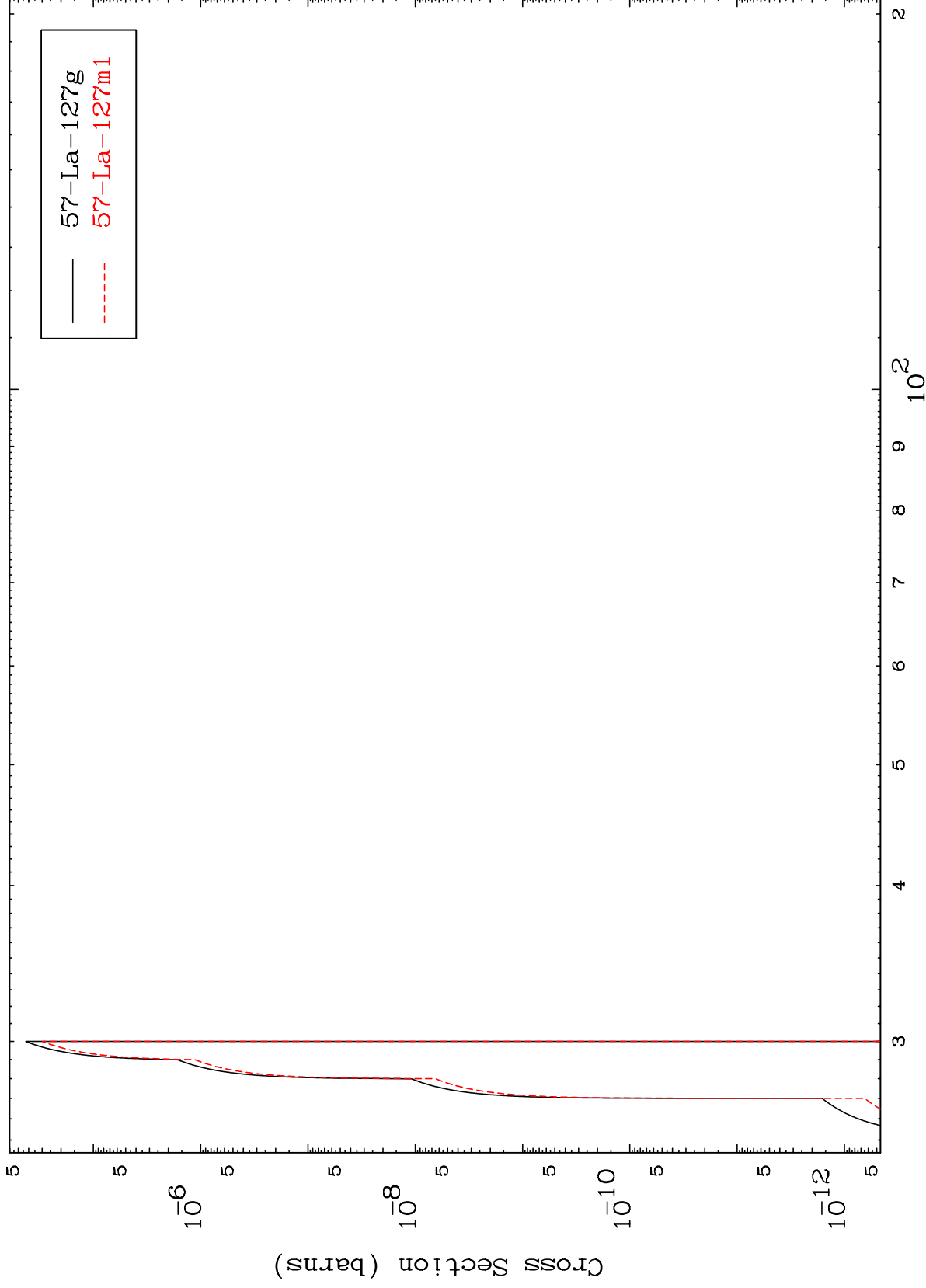


MAT 5807

(n,3n) p

58-Ce-130

Radionuclide Production Cross Section



95

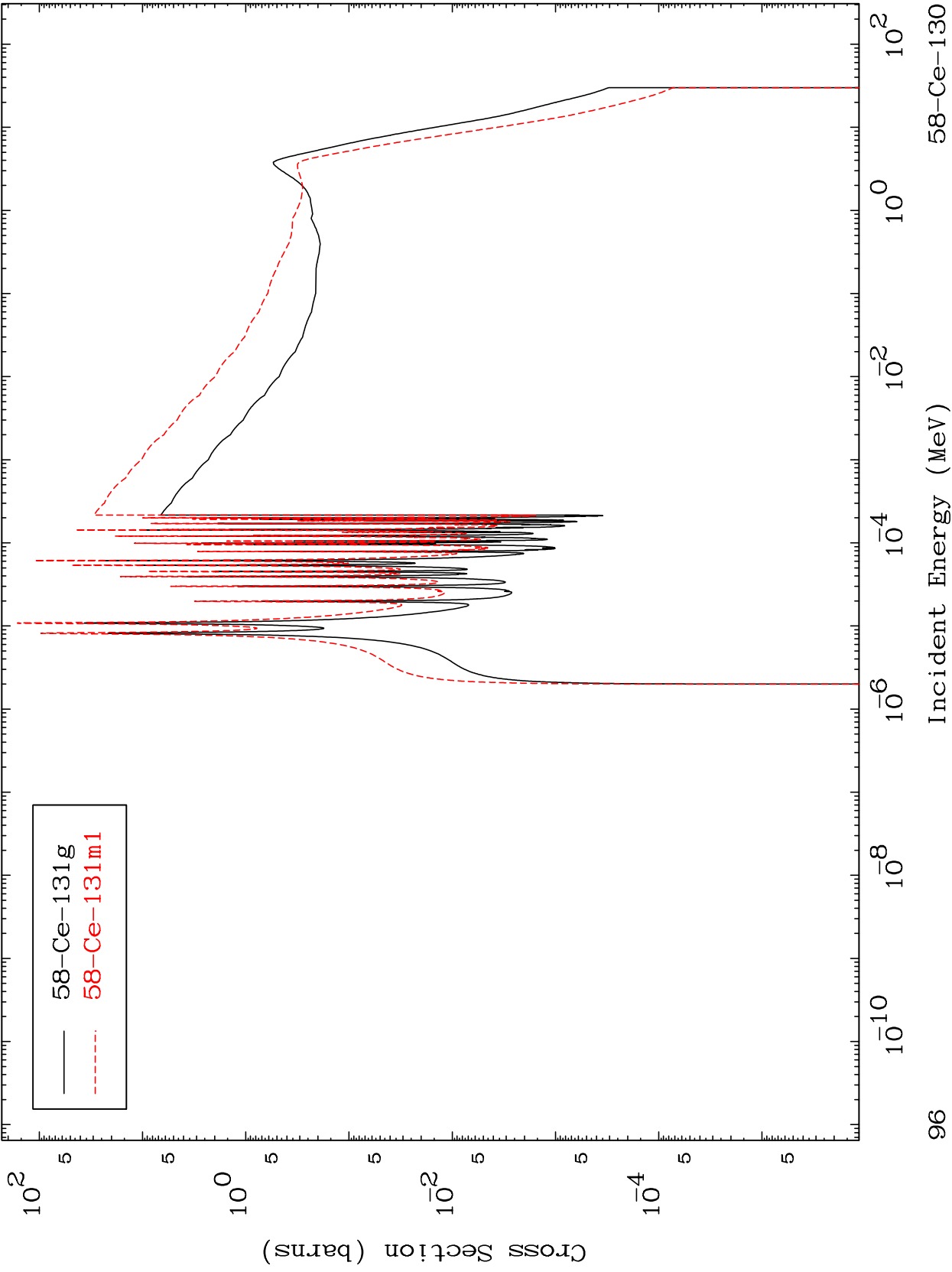
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

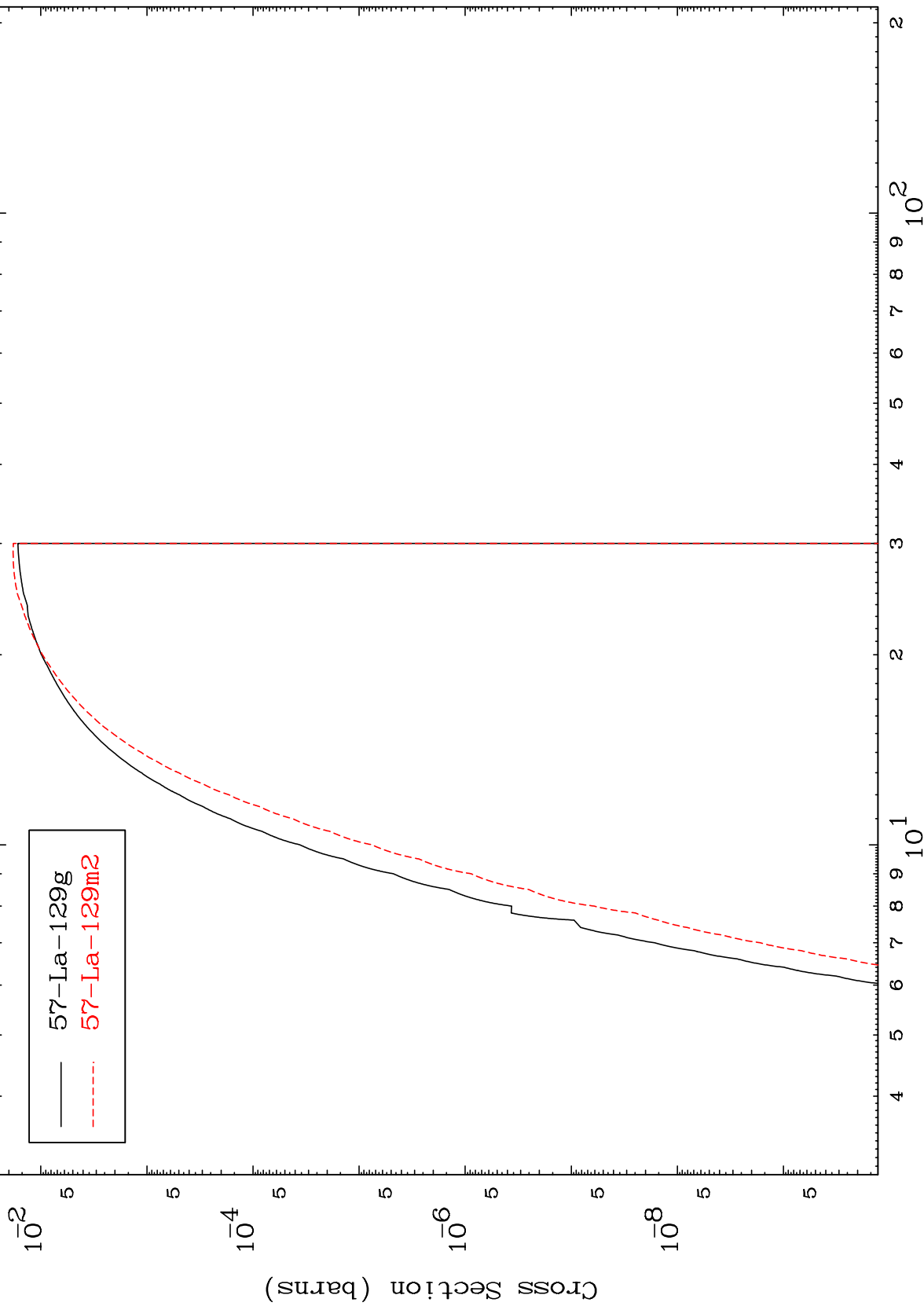
(n,γ)
Radionuclide Production Cross Section



MAT 5807

58-Ce-130

(n,d)
Radionuclide Production Cross Section



— 57-La-129g
- - - 57-La-129m2

97

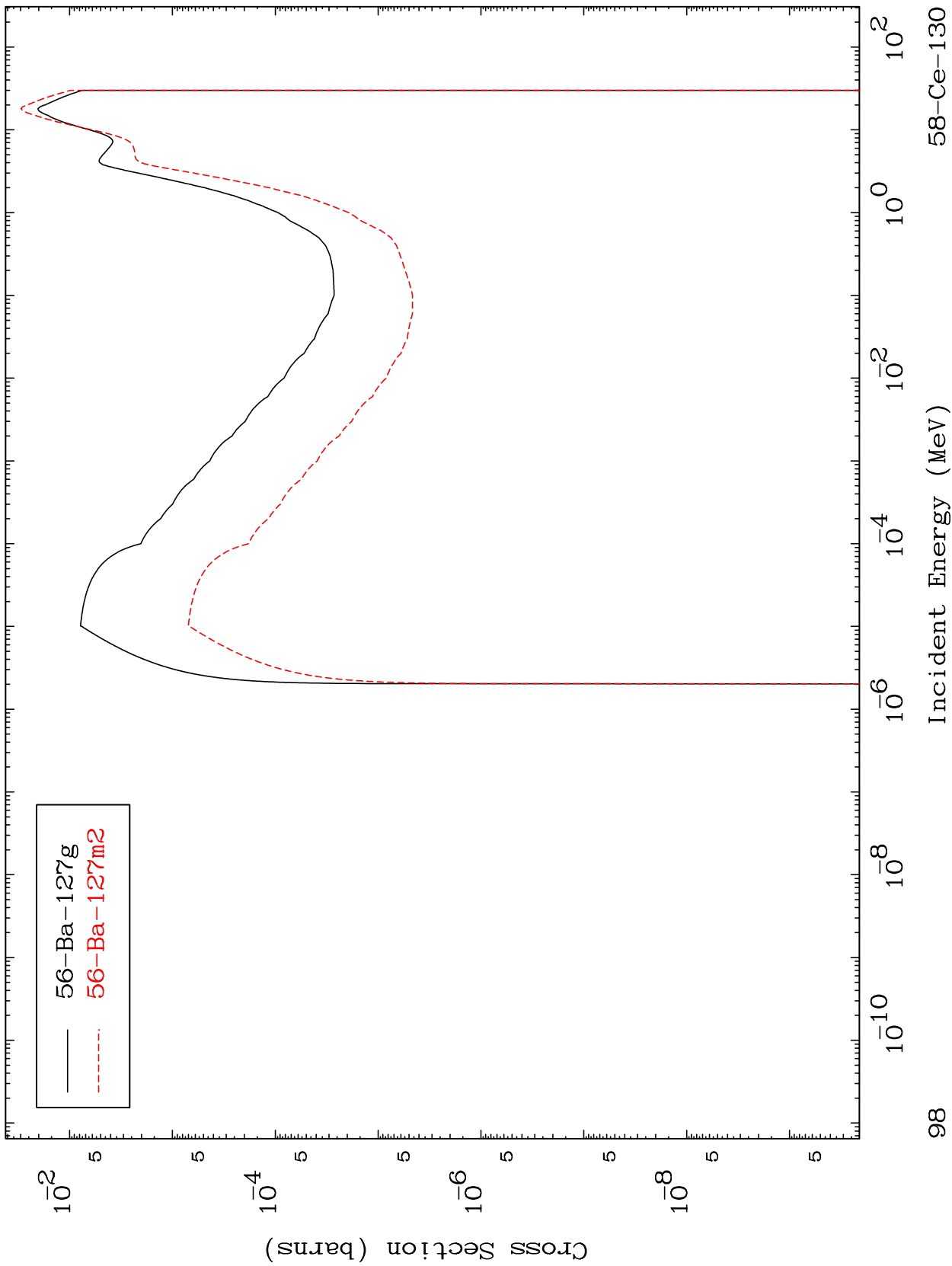
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n, α)
Radionuclide Production Cross Section

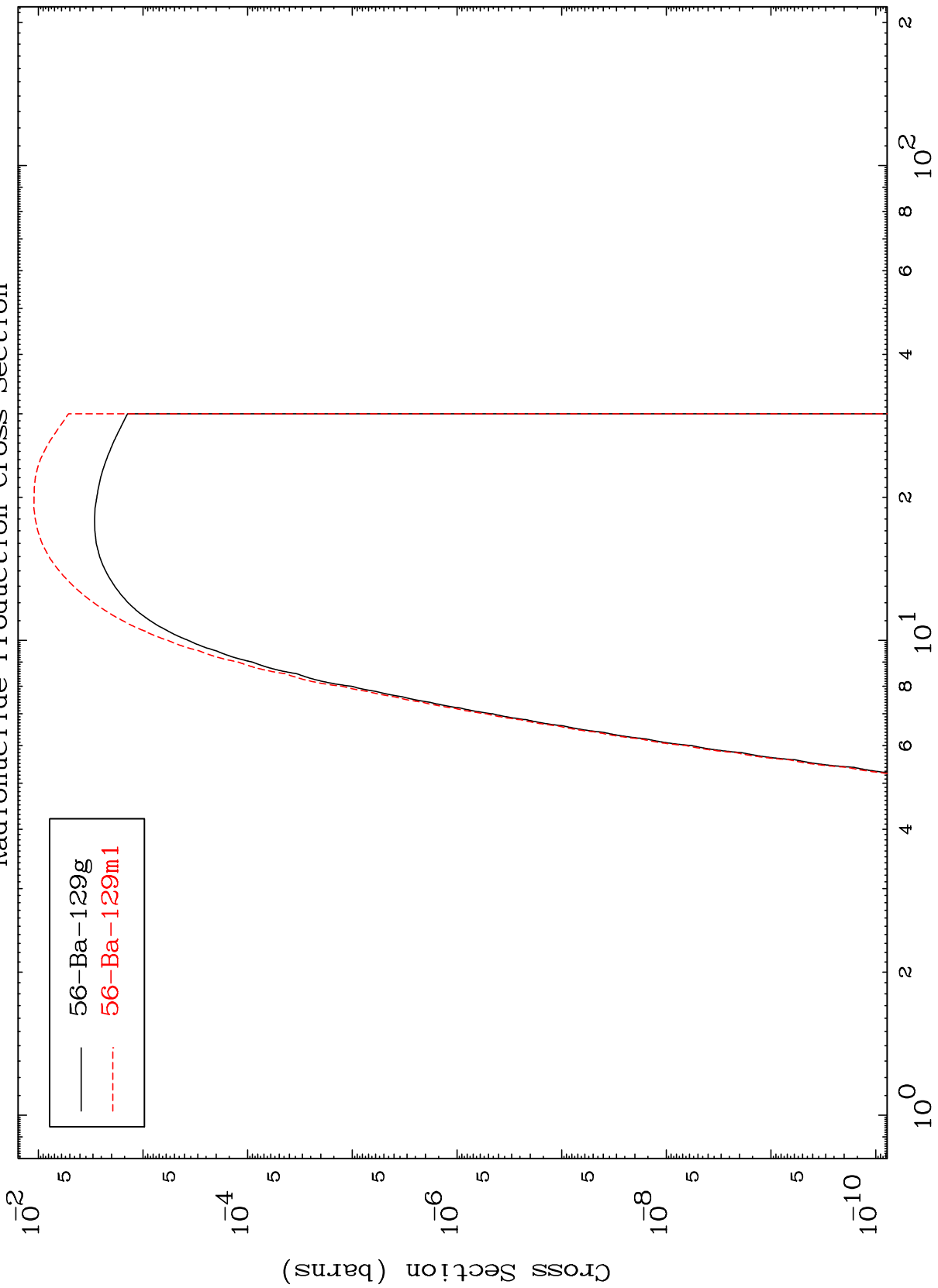


MAT 5807

(n,2p)

58-Ce-130

Radionuclide Production Cross Section



99

Incident Energy (MeV)

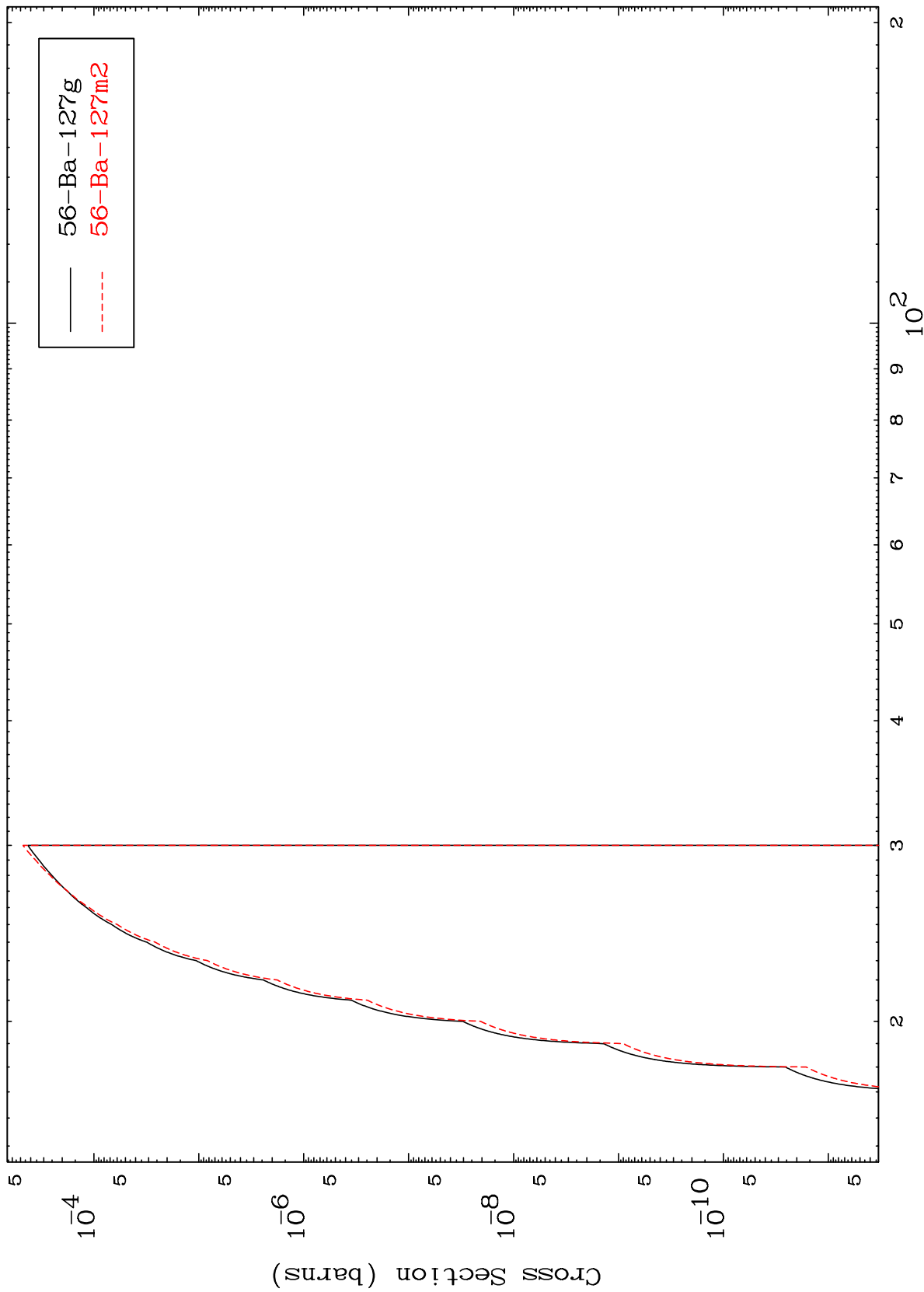
58-Ce-130

MAT 5807

(n,p) t

58-Ce-130

Radionuclide Production Cross Section



100

Incident Energy (MeV)

58-Ce-130