

Program EVALPLOT
(Version 2018-1)

by

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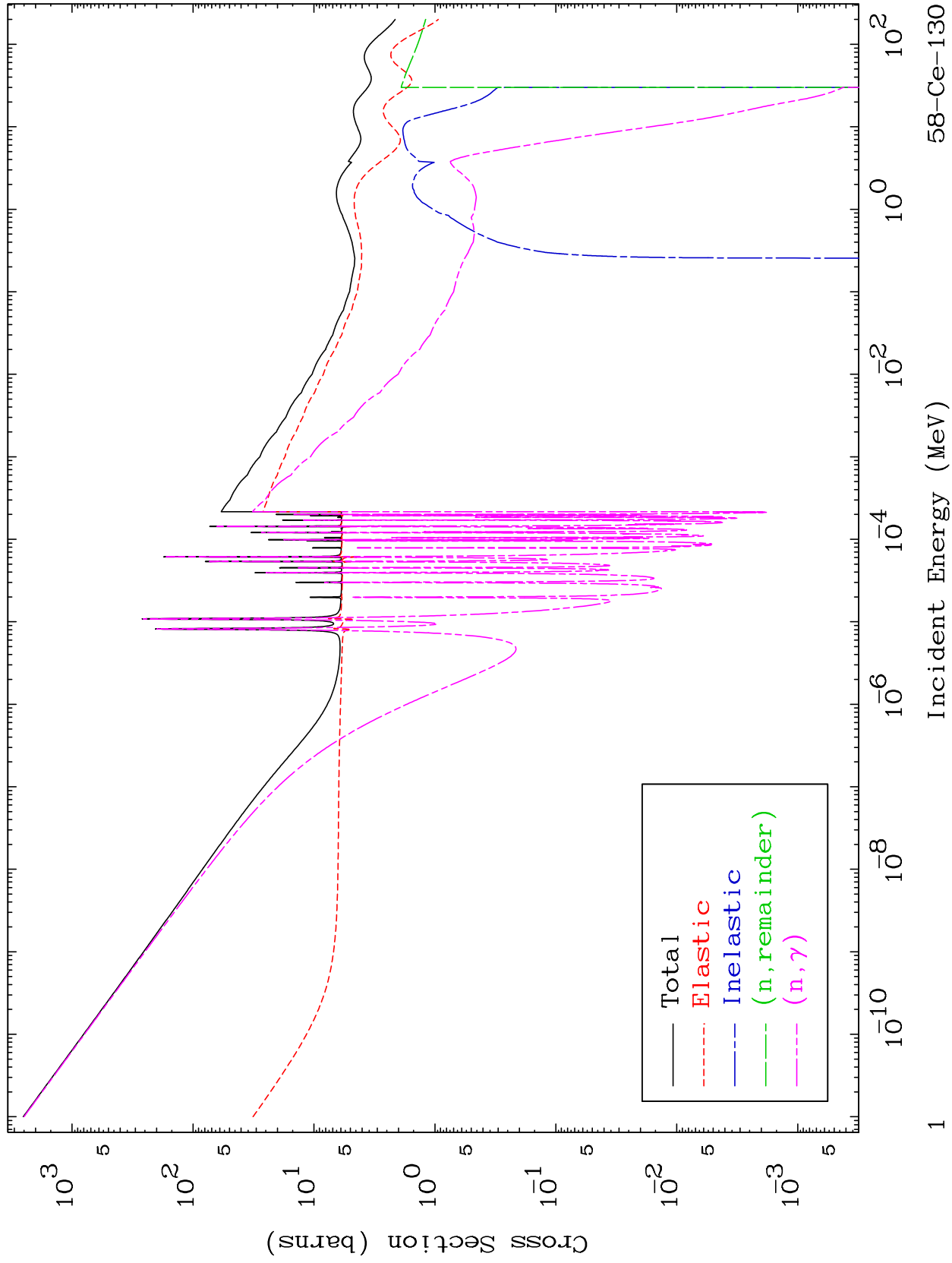
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5807

Major
293 Kelvin Cross Sections

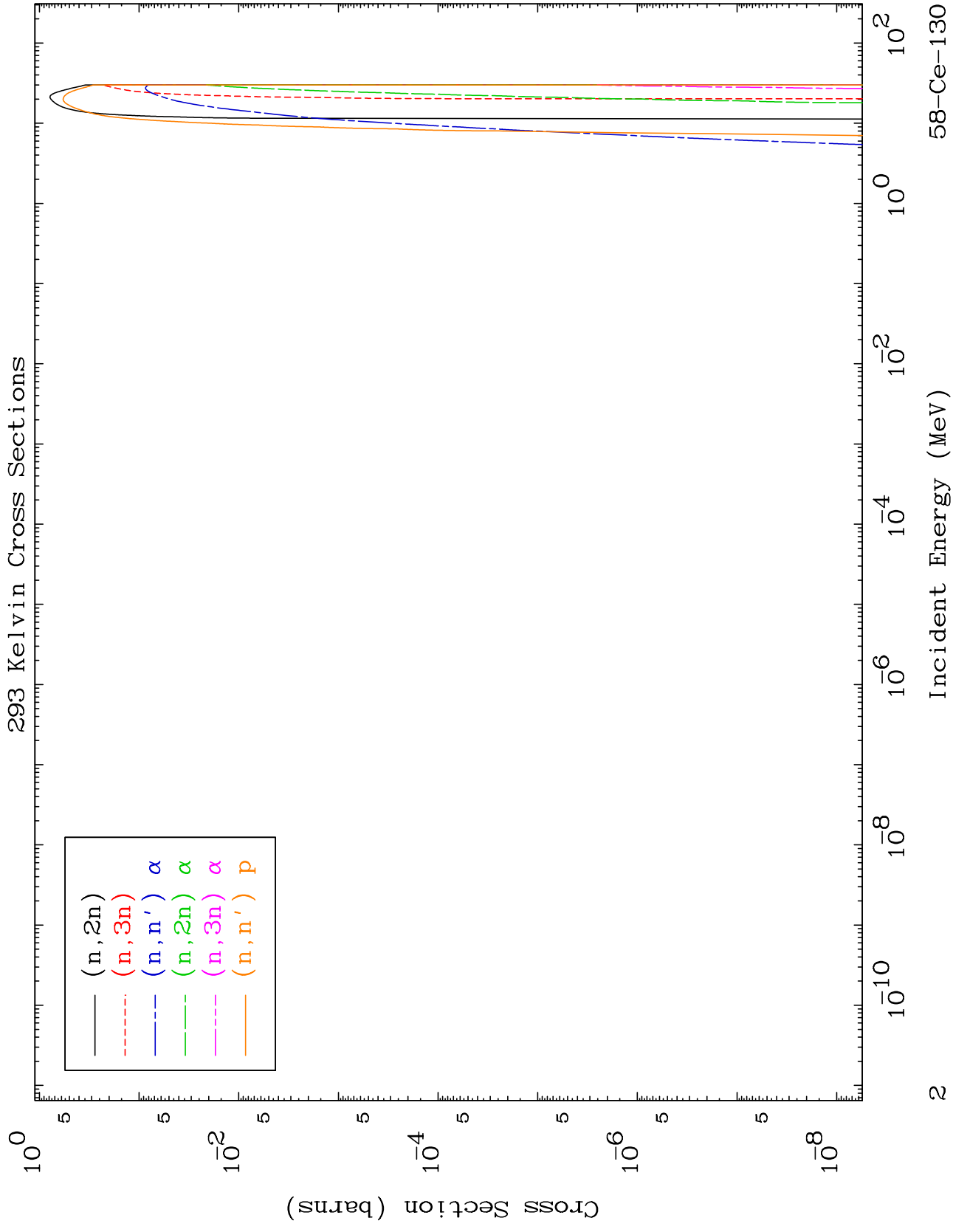
58-Ce-130



MAT 5807

Neutron Production
293 Kelvin Cross Sections

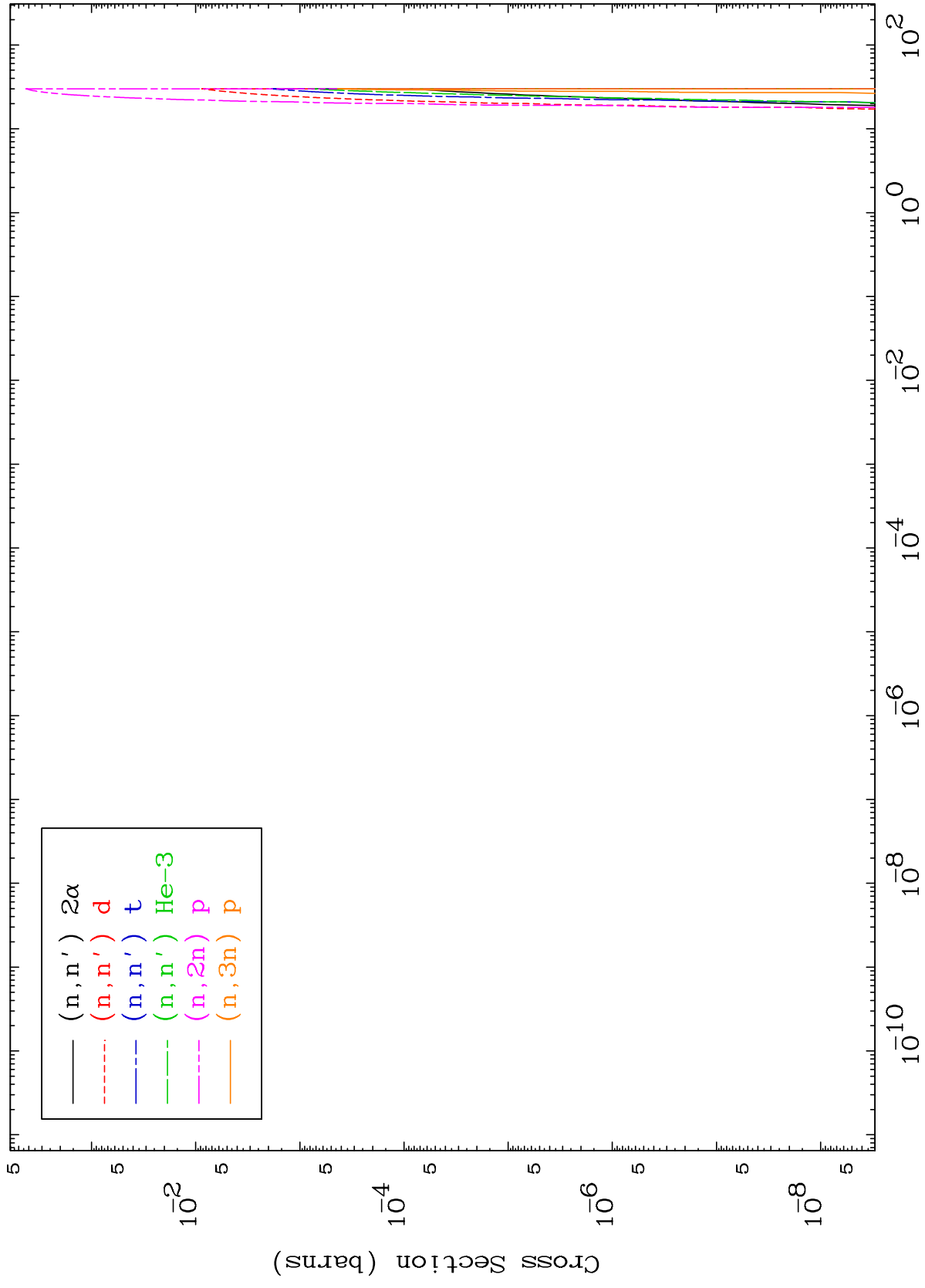
58-Ce-130



MAT 5807

Neutron Production
293 Kelvin Cross Sections

58-Ce-130

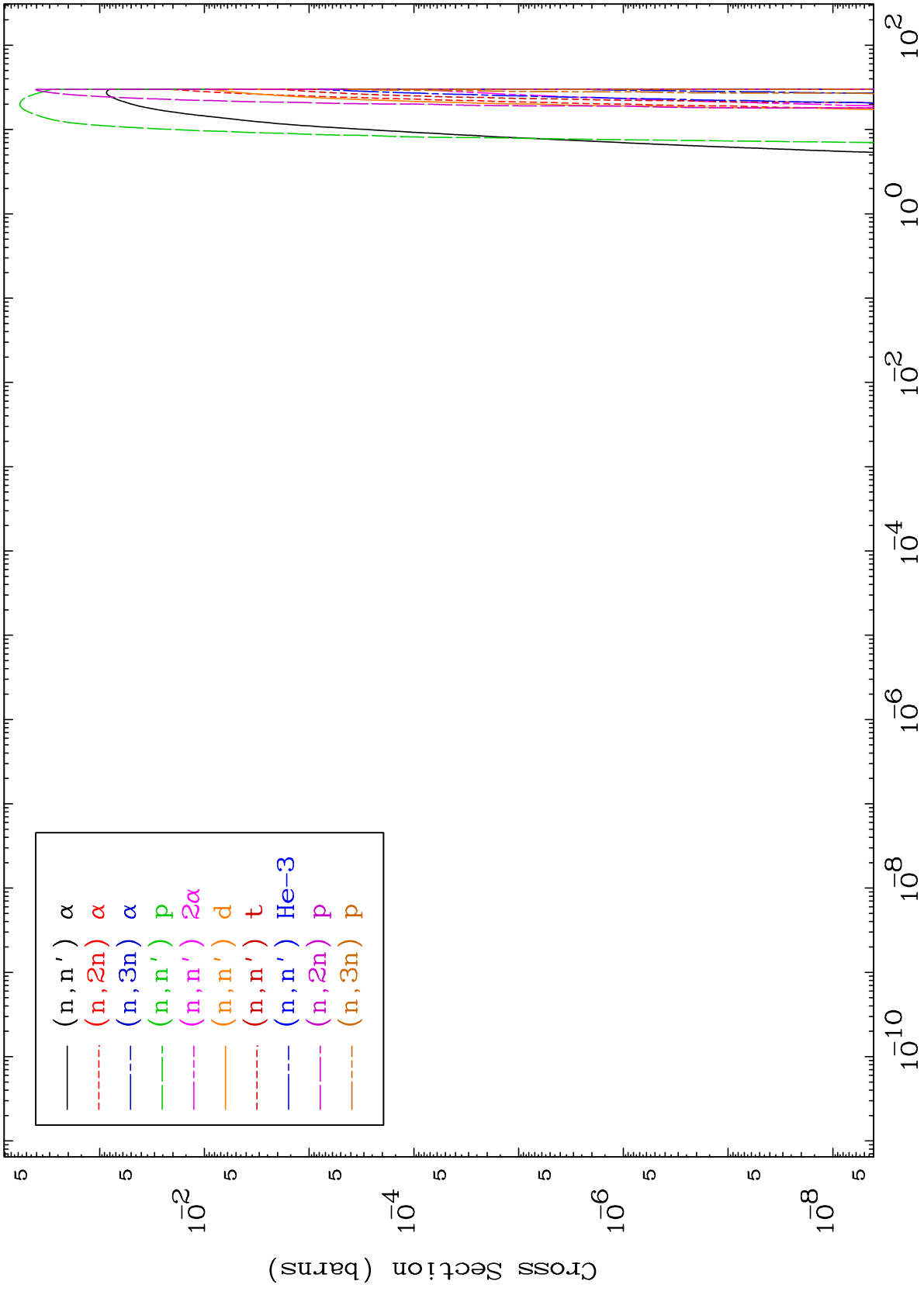


58-Ce-130

MAT 5807

Charged Particle
293 Kelvin Cross Sections

58-Ce-130

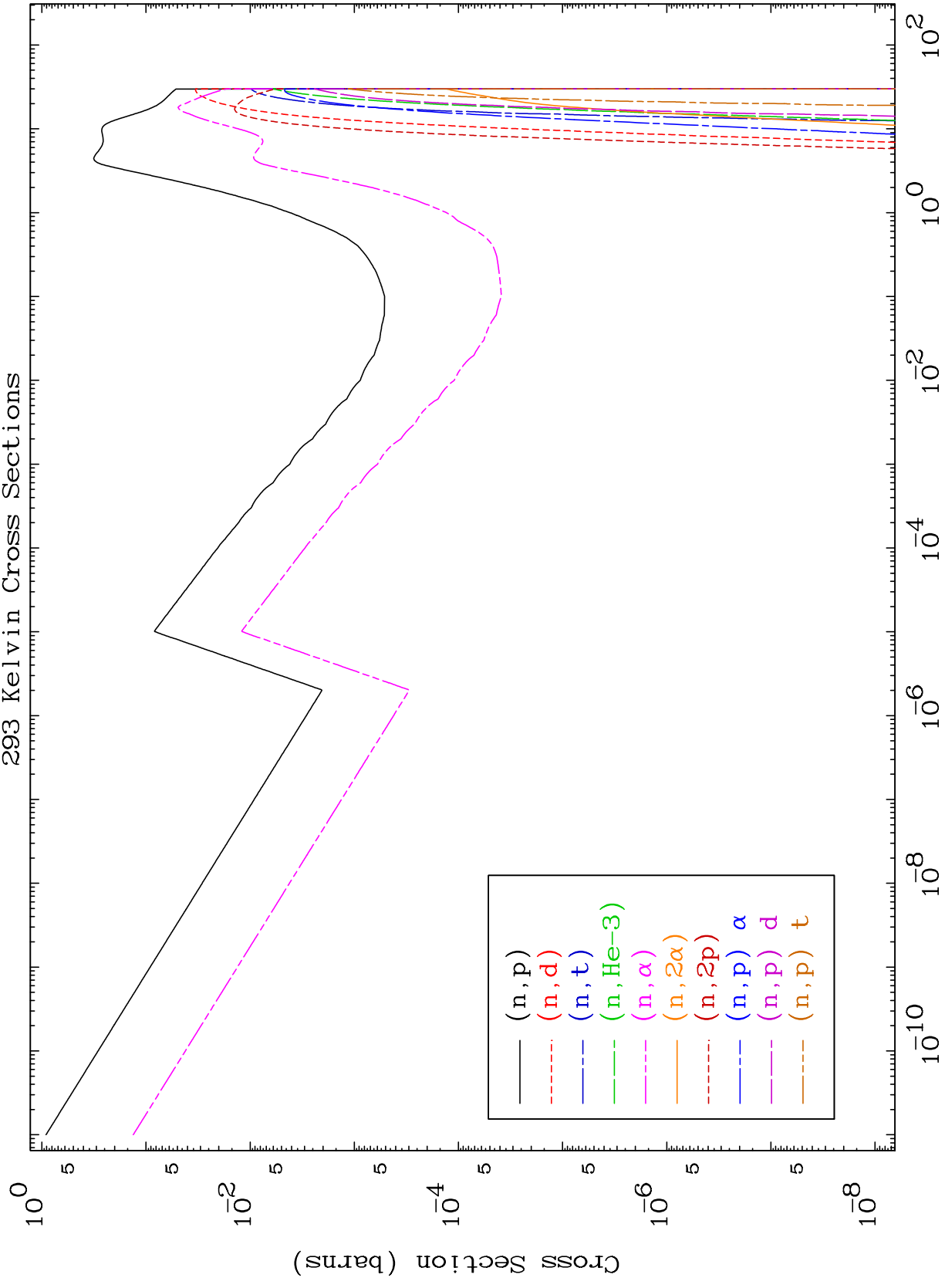


58-Ce-130

MAT 5807

Charged Particle
293 Kelvin Cross Sections

58-Ce-130

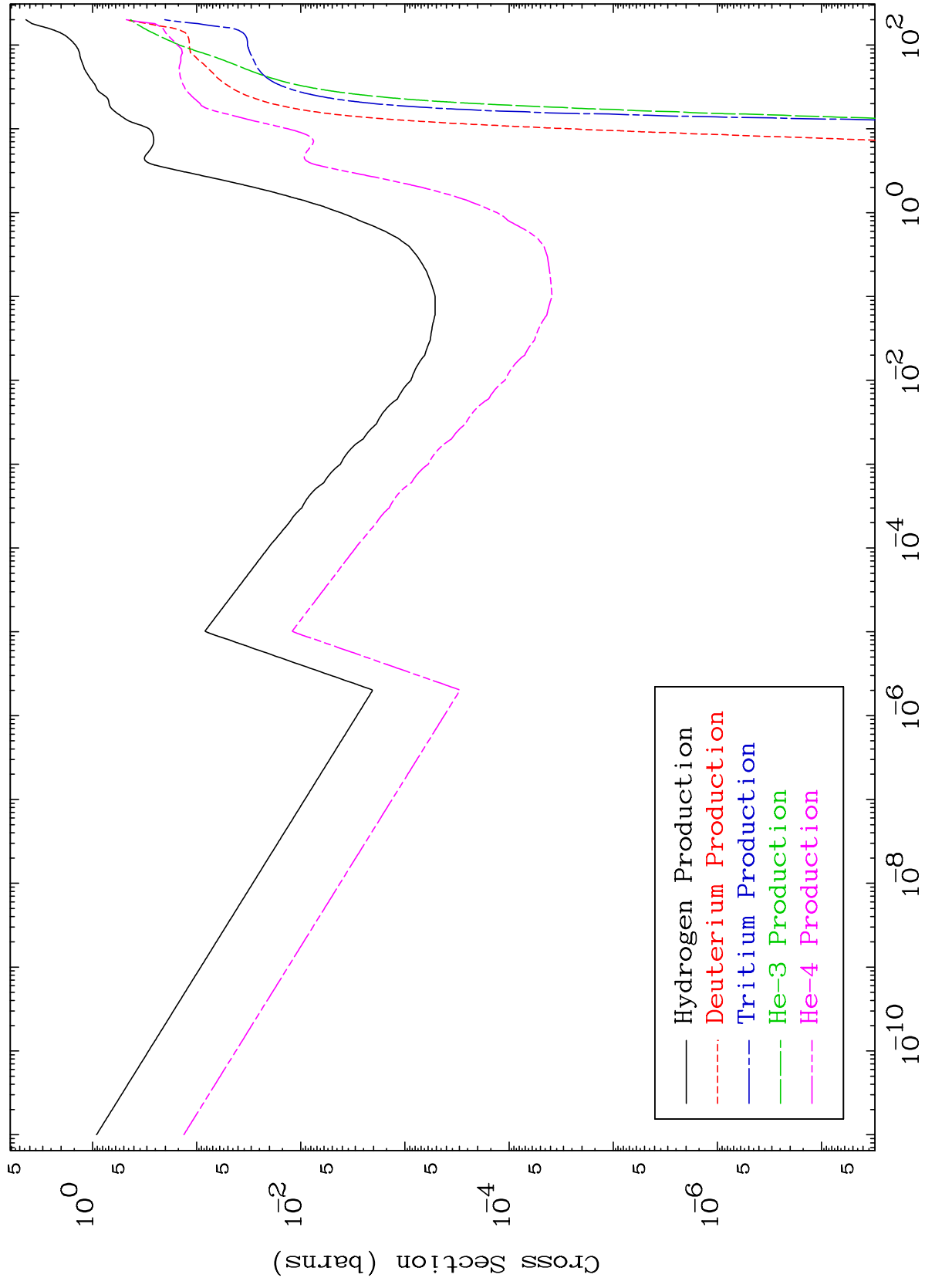


58-Ce-130

MAT 5807

Particle Production
293 Kelvin Cross Sections

58-Ce-130

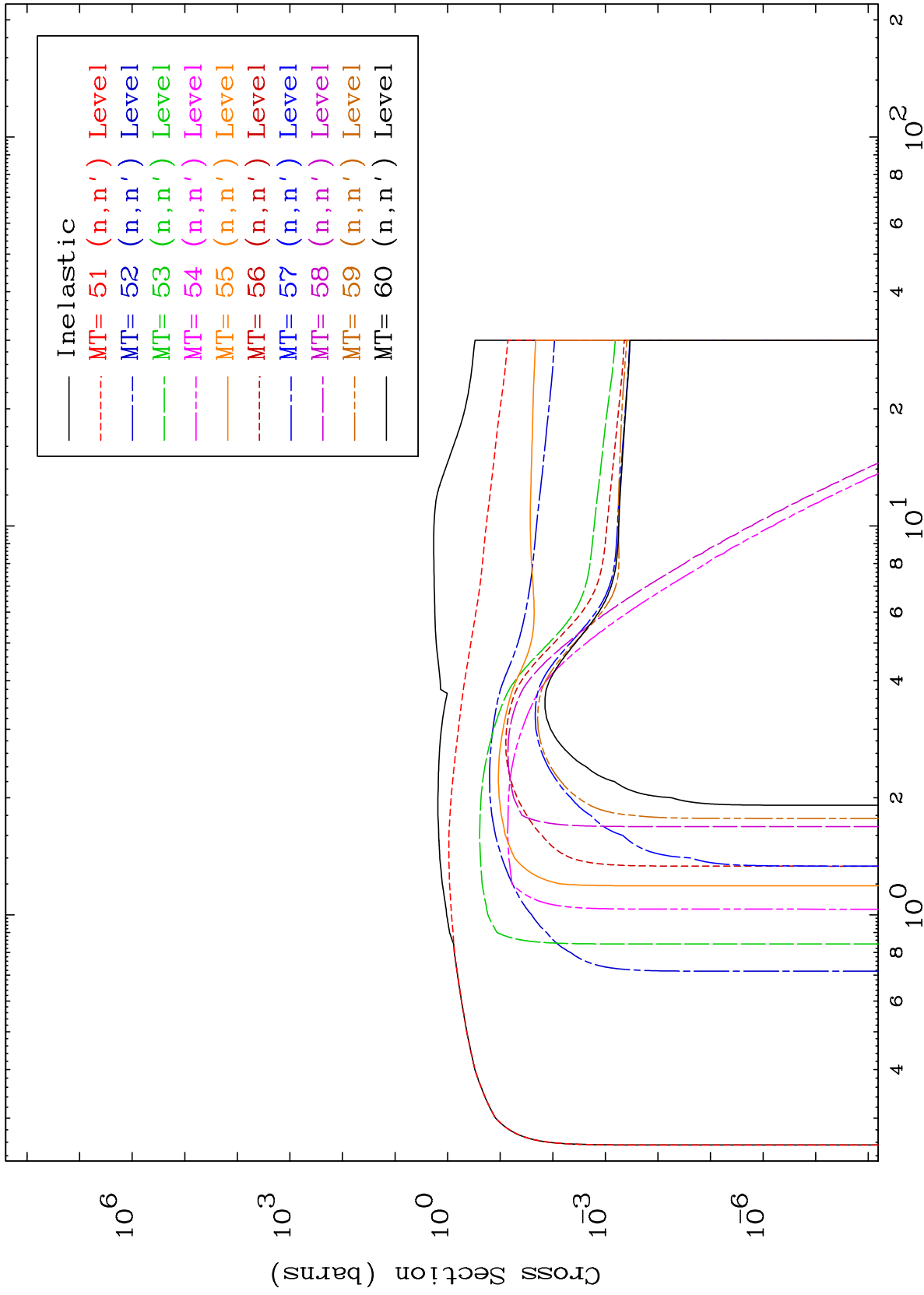


MAT 5807

(n,n') Level

58-Ce-130

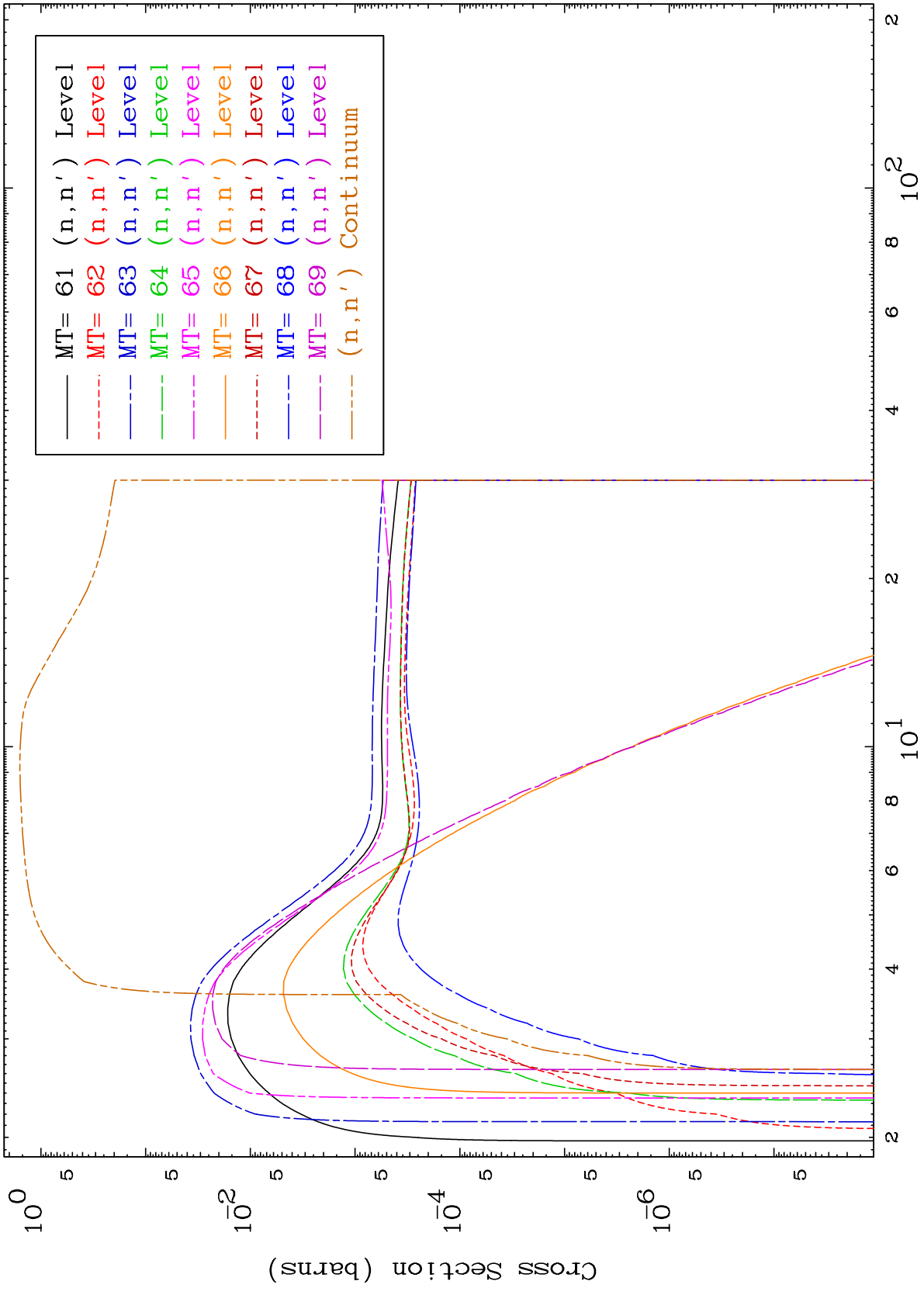
293 Kelvin Cross Sections



MAT 5807

(n,n') Level
293 Kelvin Cross Sections

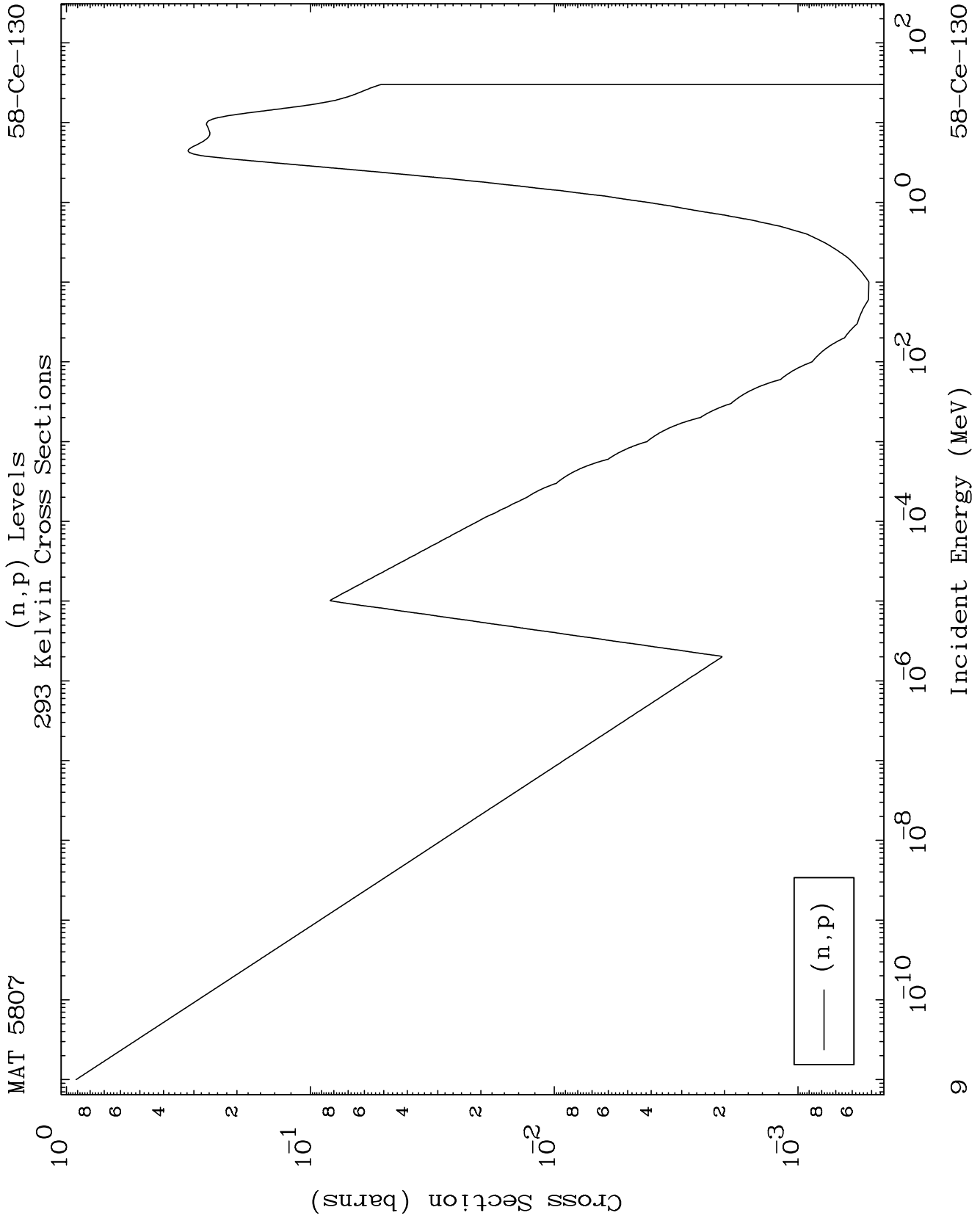
58-Ce-130



8

Incident Energy (MeV)

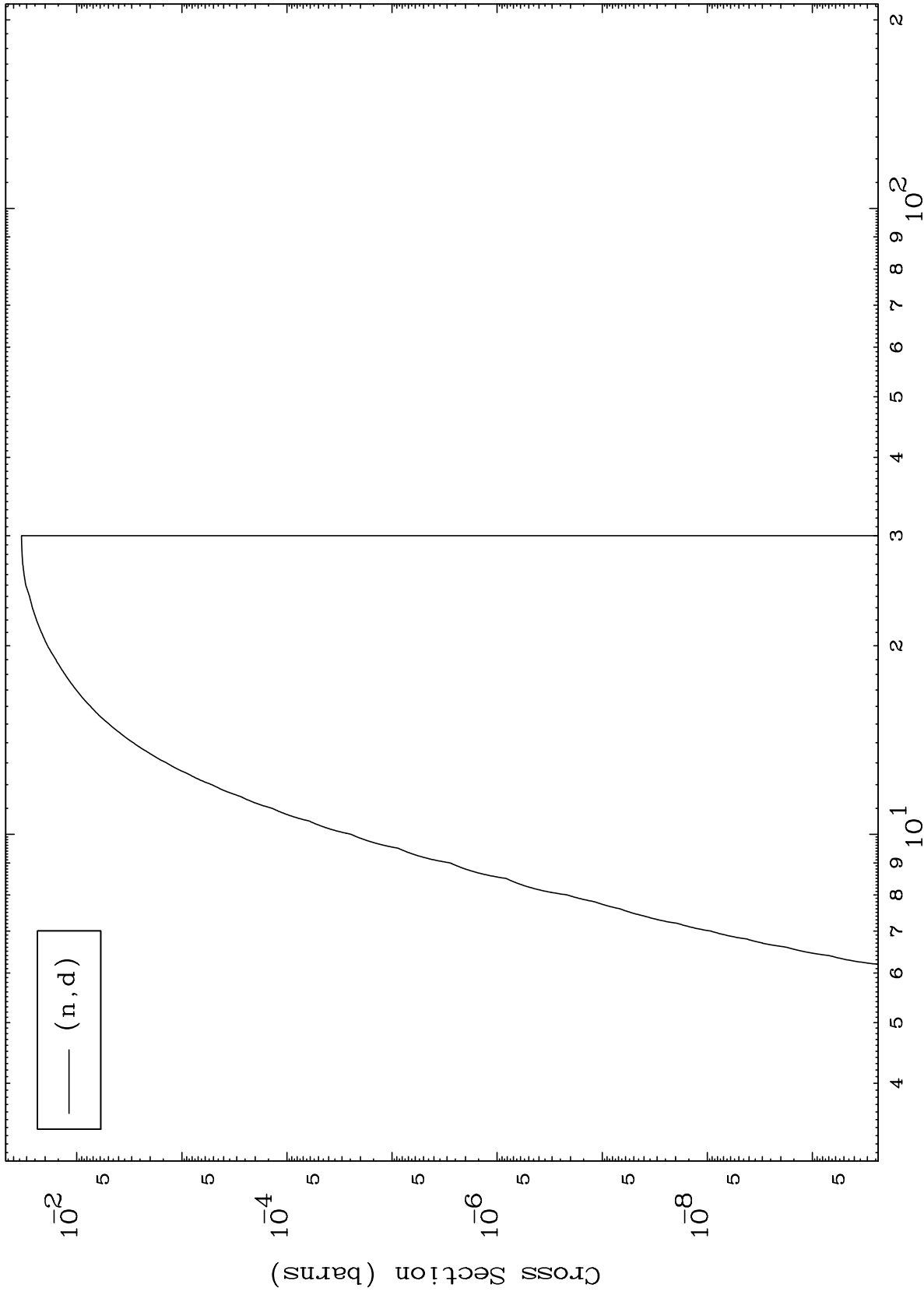
58-Ce-130



MAT 5807

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-130



10

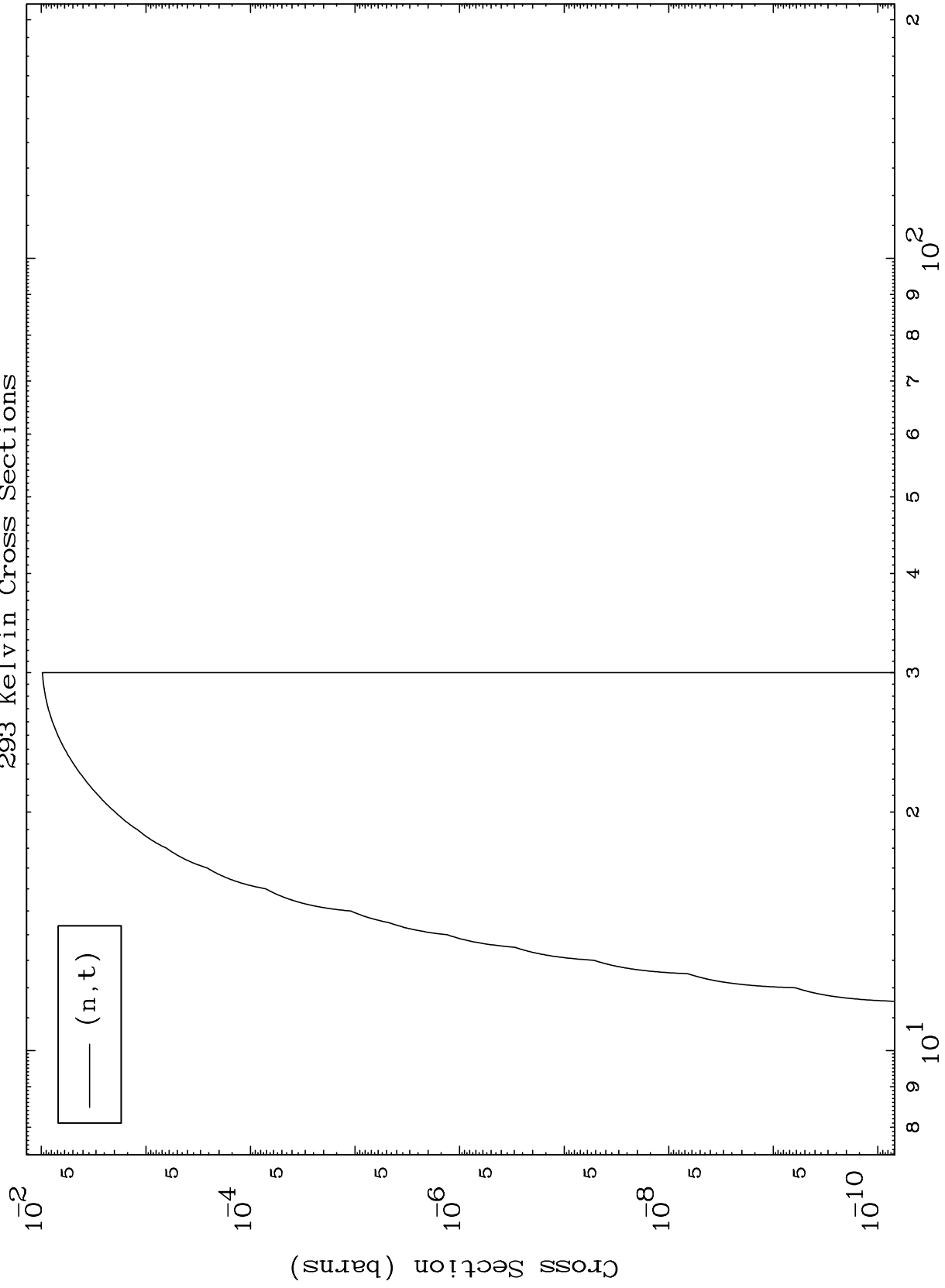
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-130



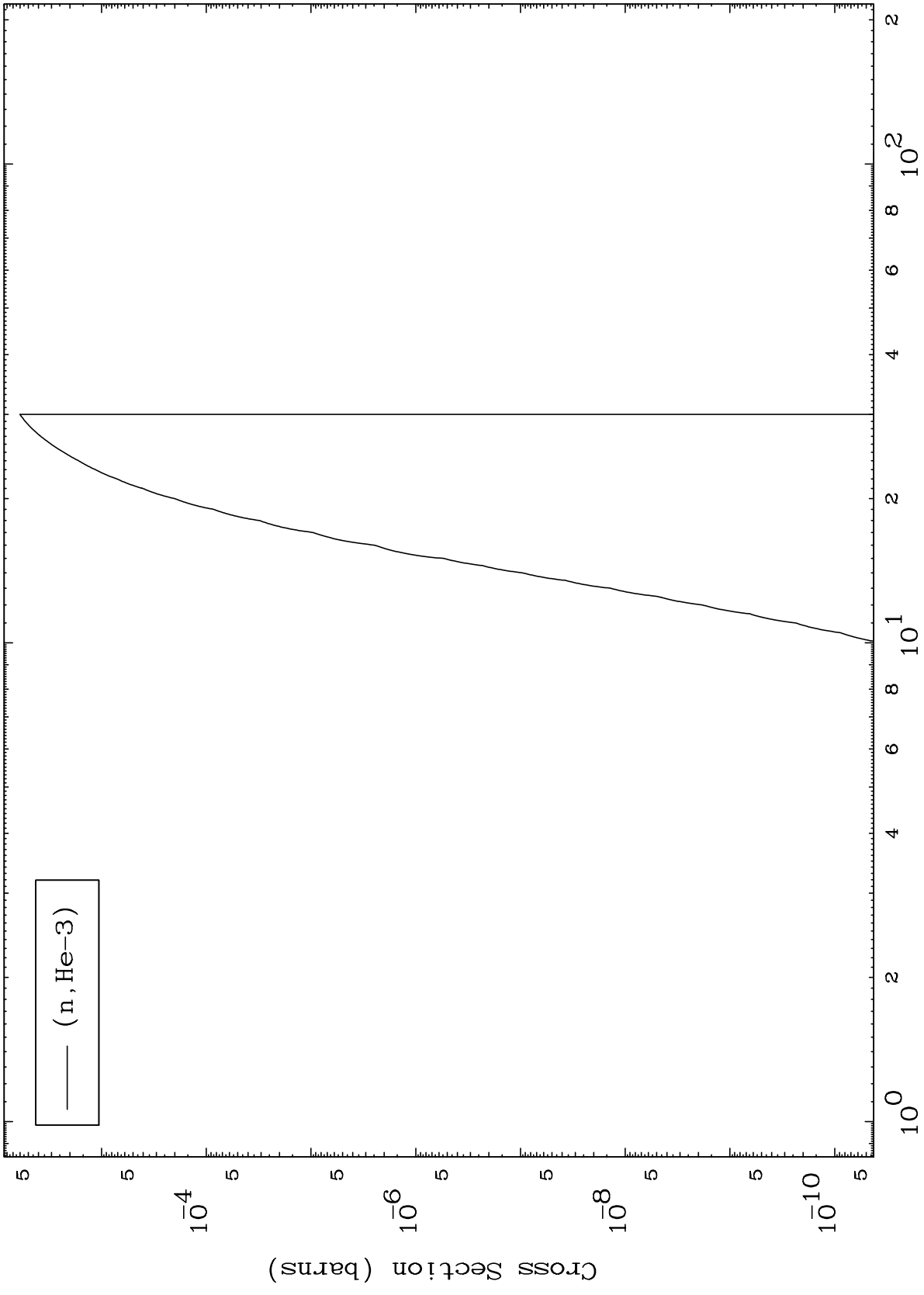
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58-Ce-130

MAT 5807

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-130



12

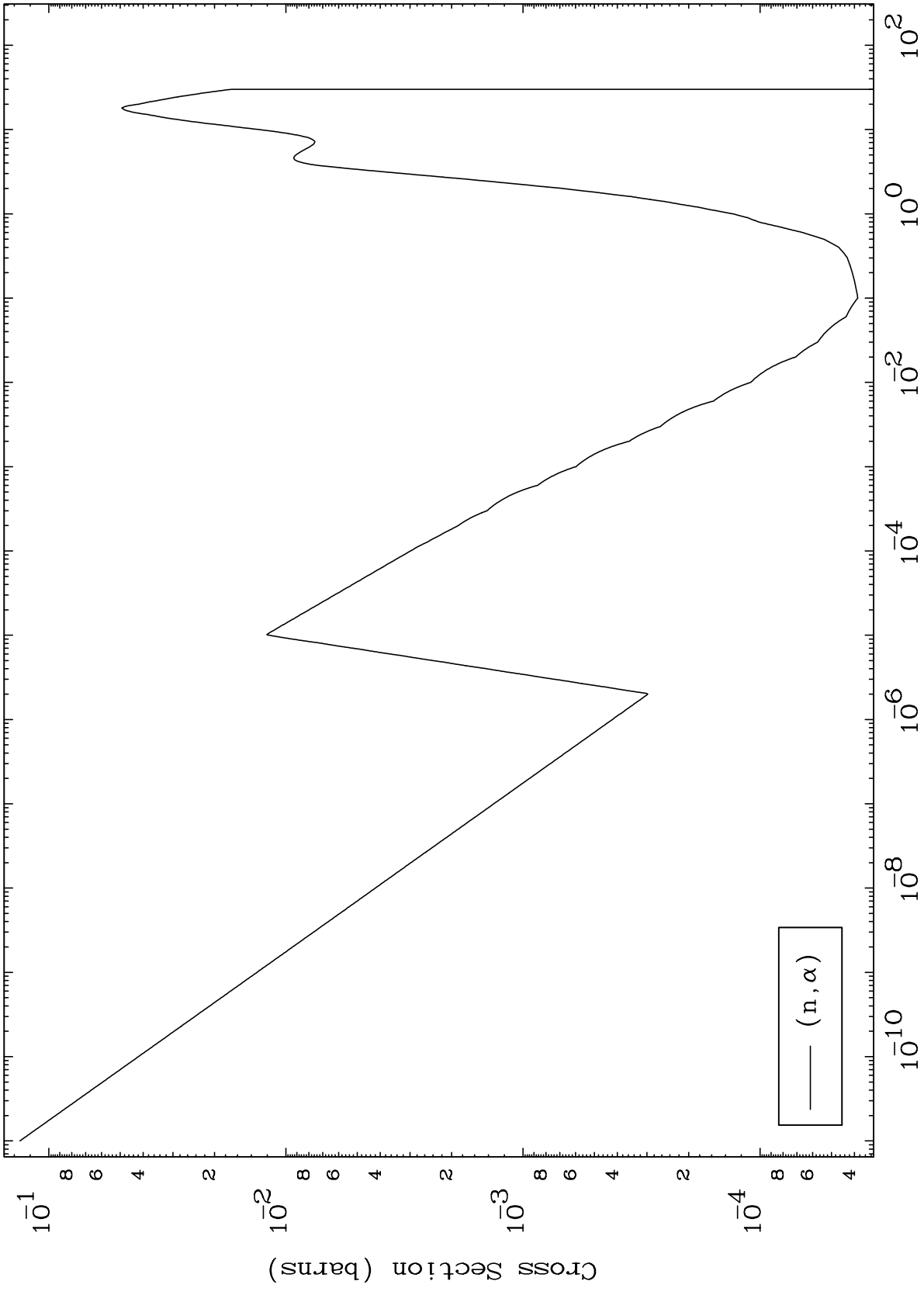
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,α) Levels
293 Kelvin Cross Sections

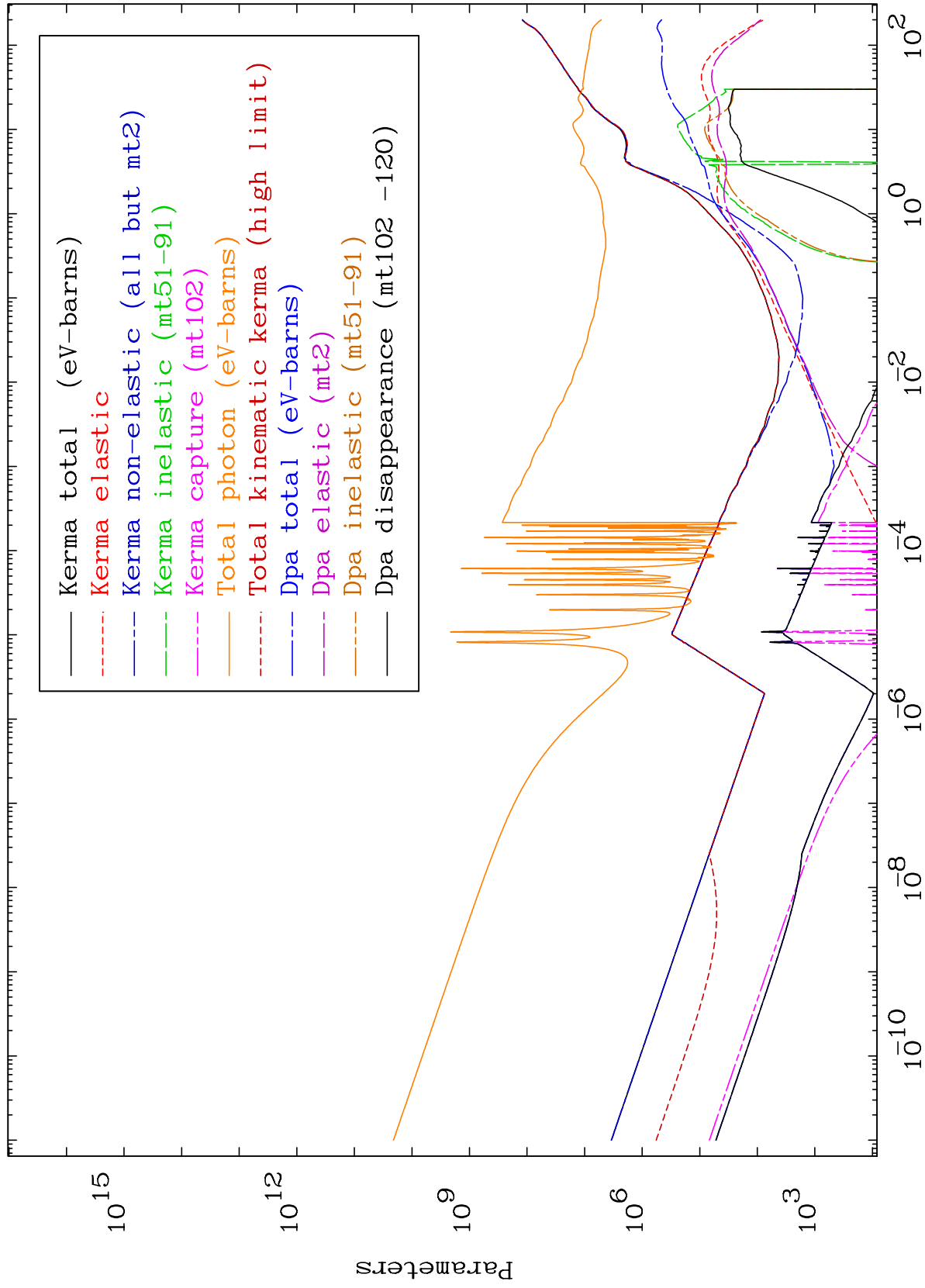
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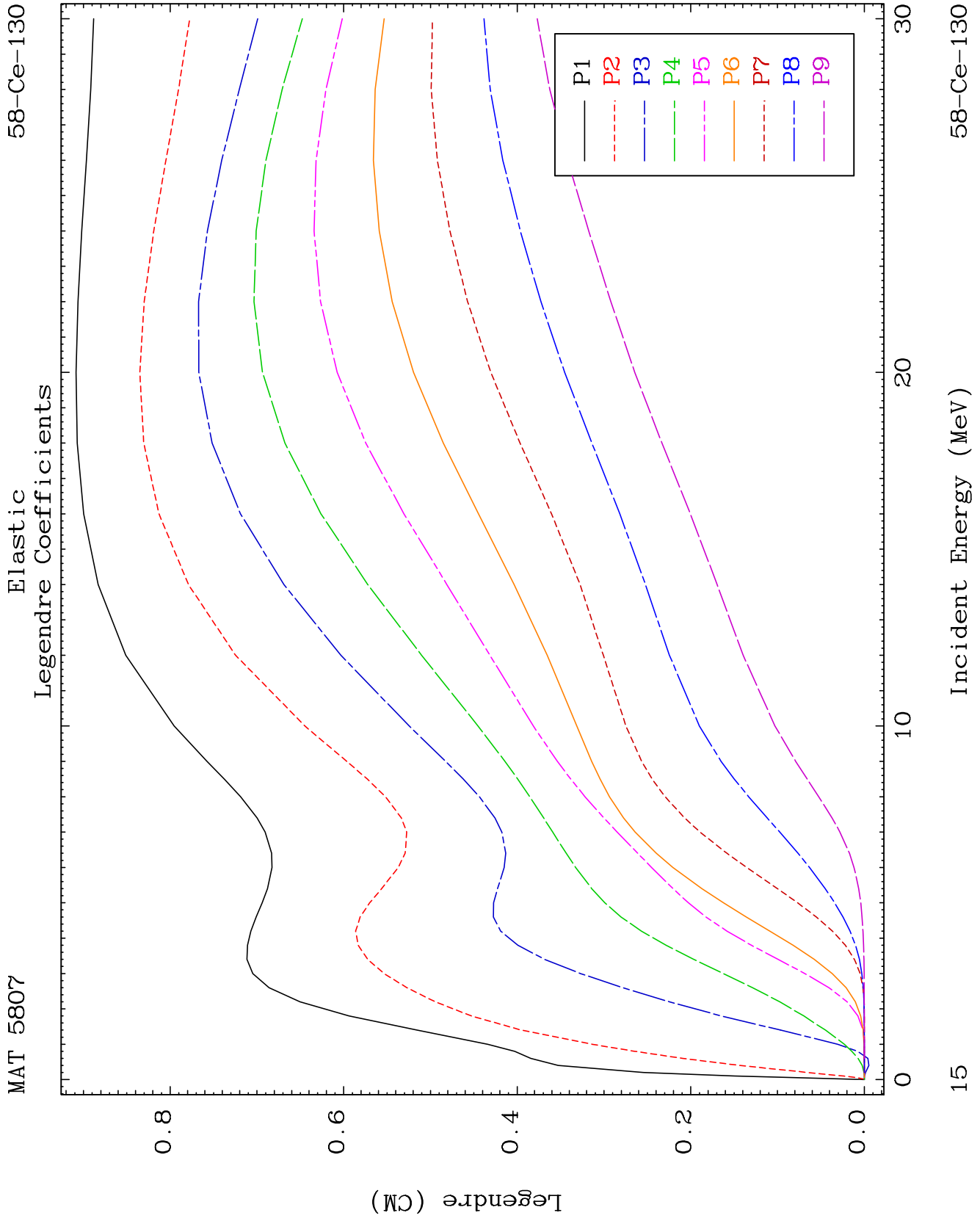


13

Incident Energy (MeV)

58-Ce-130

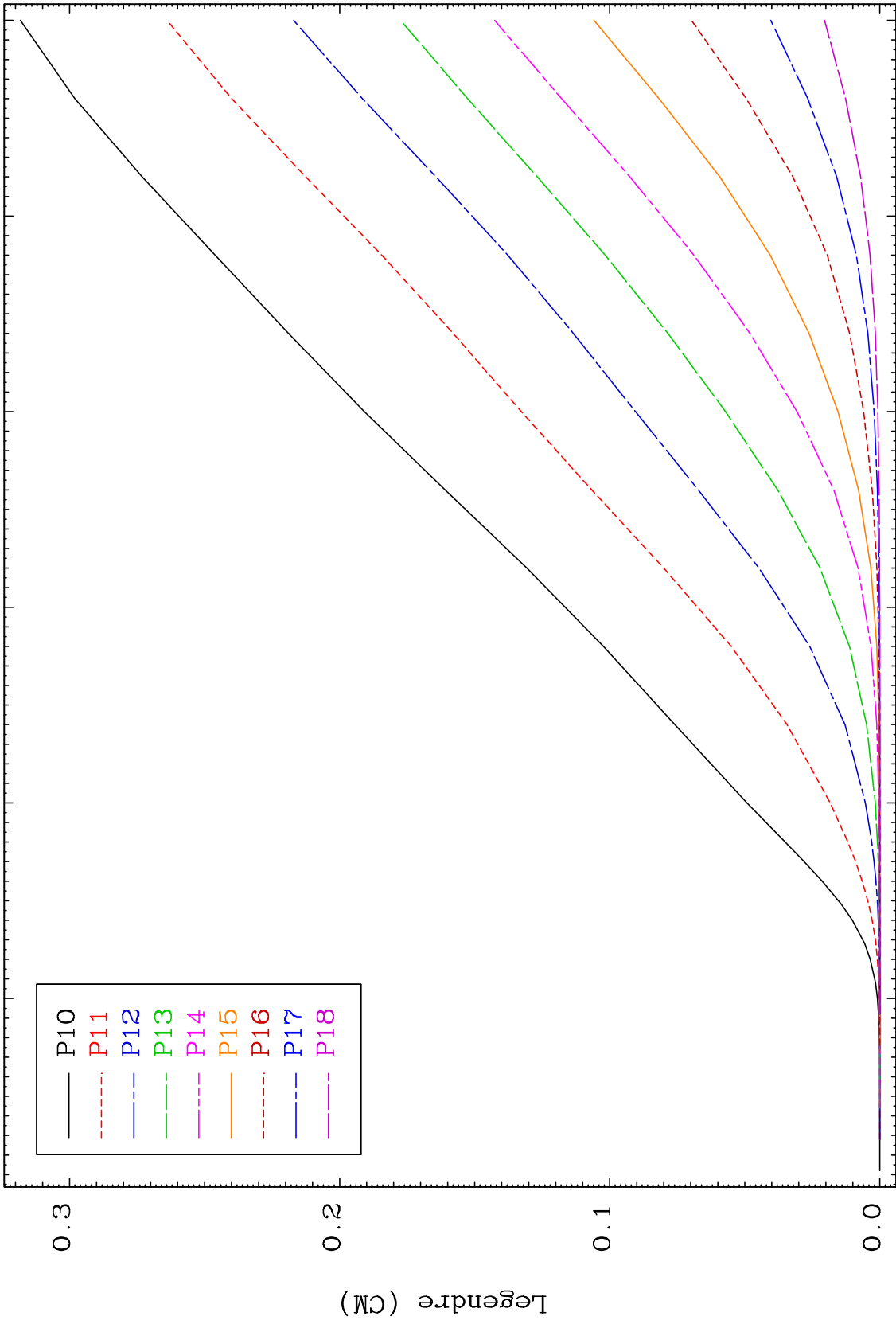




MAT 5807

Elastic Legendre Coefficients

58-Ce-130



16

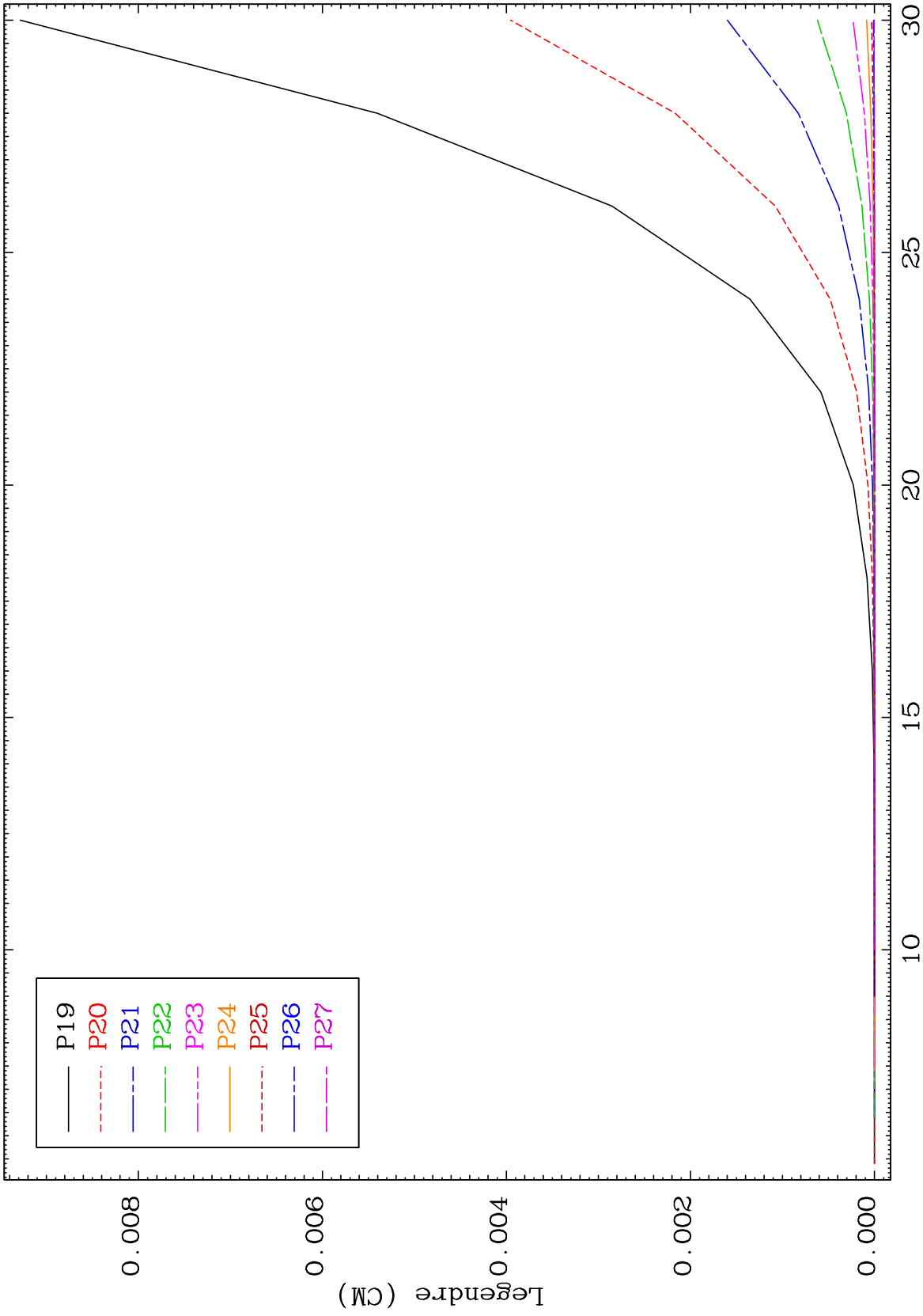
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic
Legendre Coefficients

58-Ce-130



17

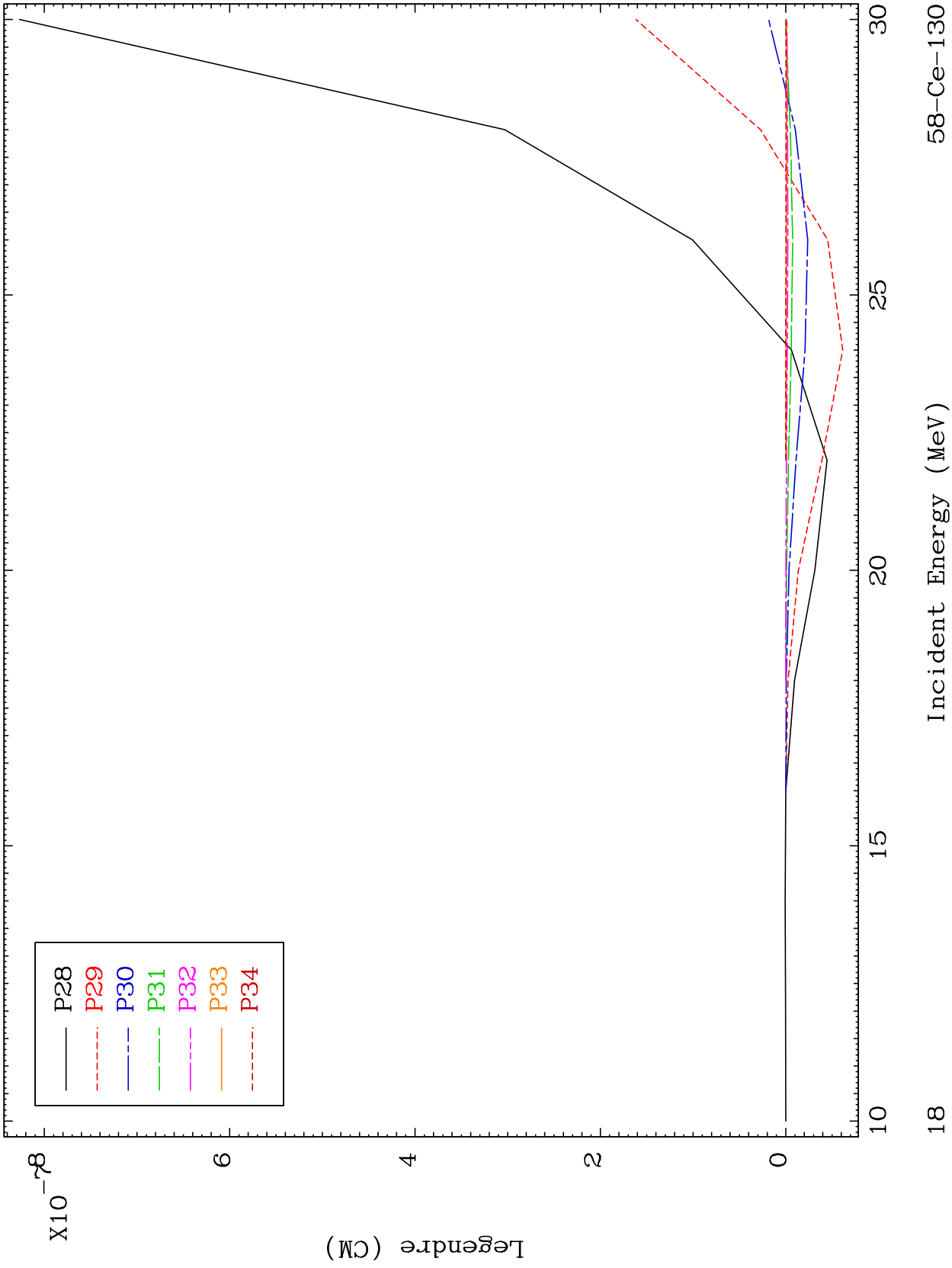
Incident Energy (MeV)

58-Ce-130

MAT 5807

Elastic Legendre Coefficients

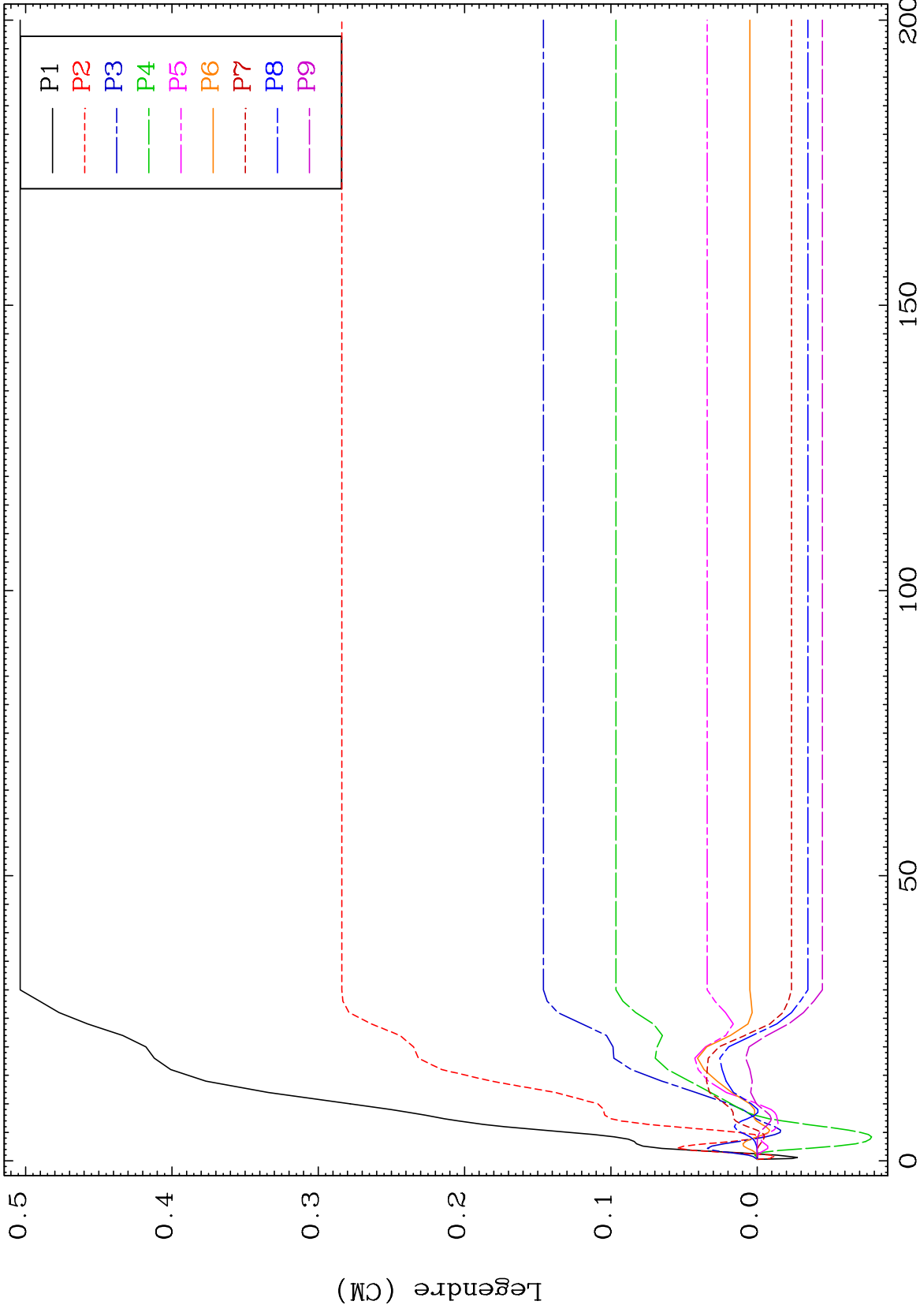
58-Ce-130



MAT 5807

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

58-Ce-130



19

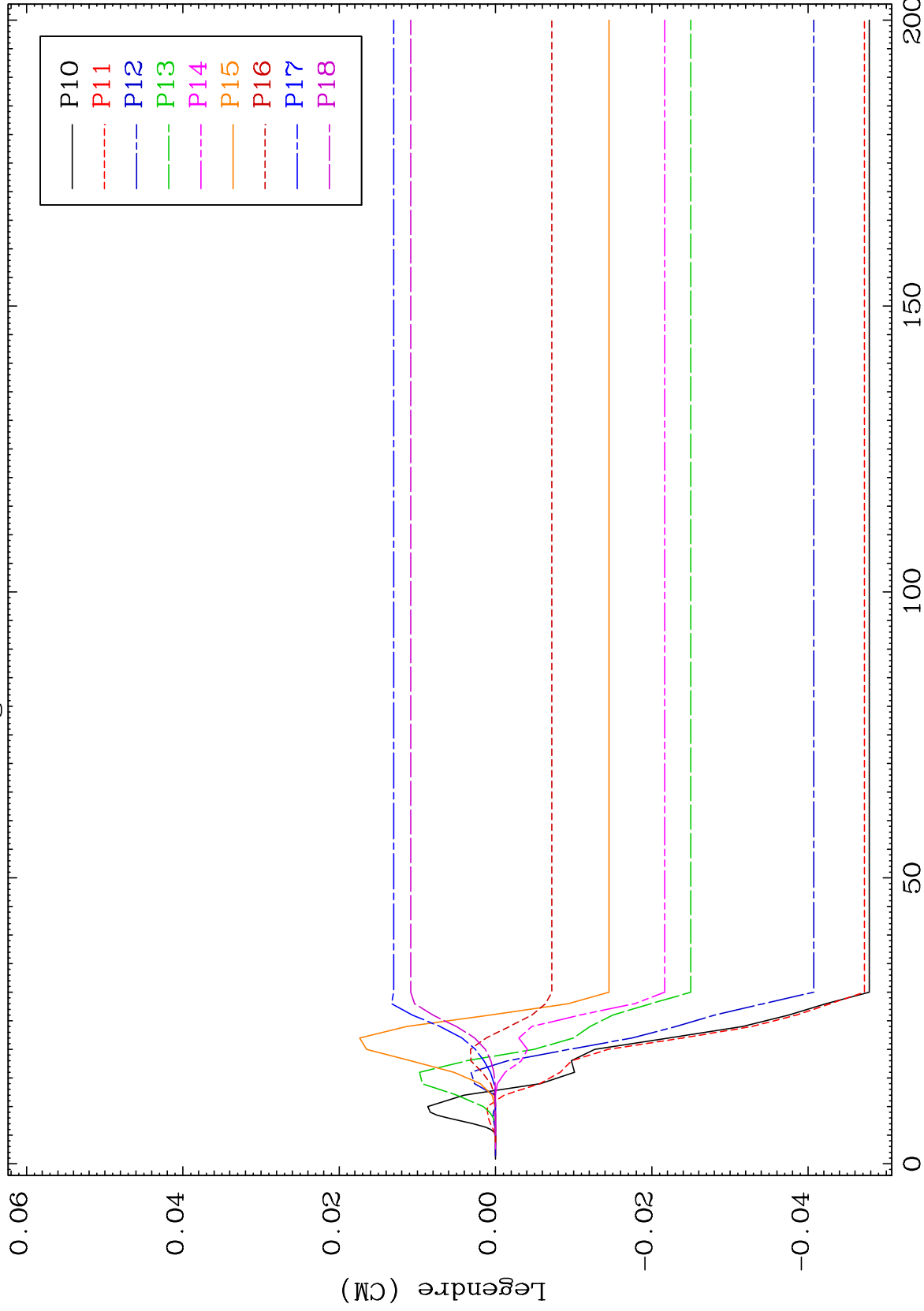
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



0

50

100

150

200

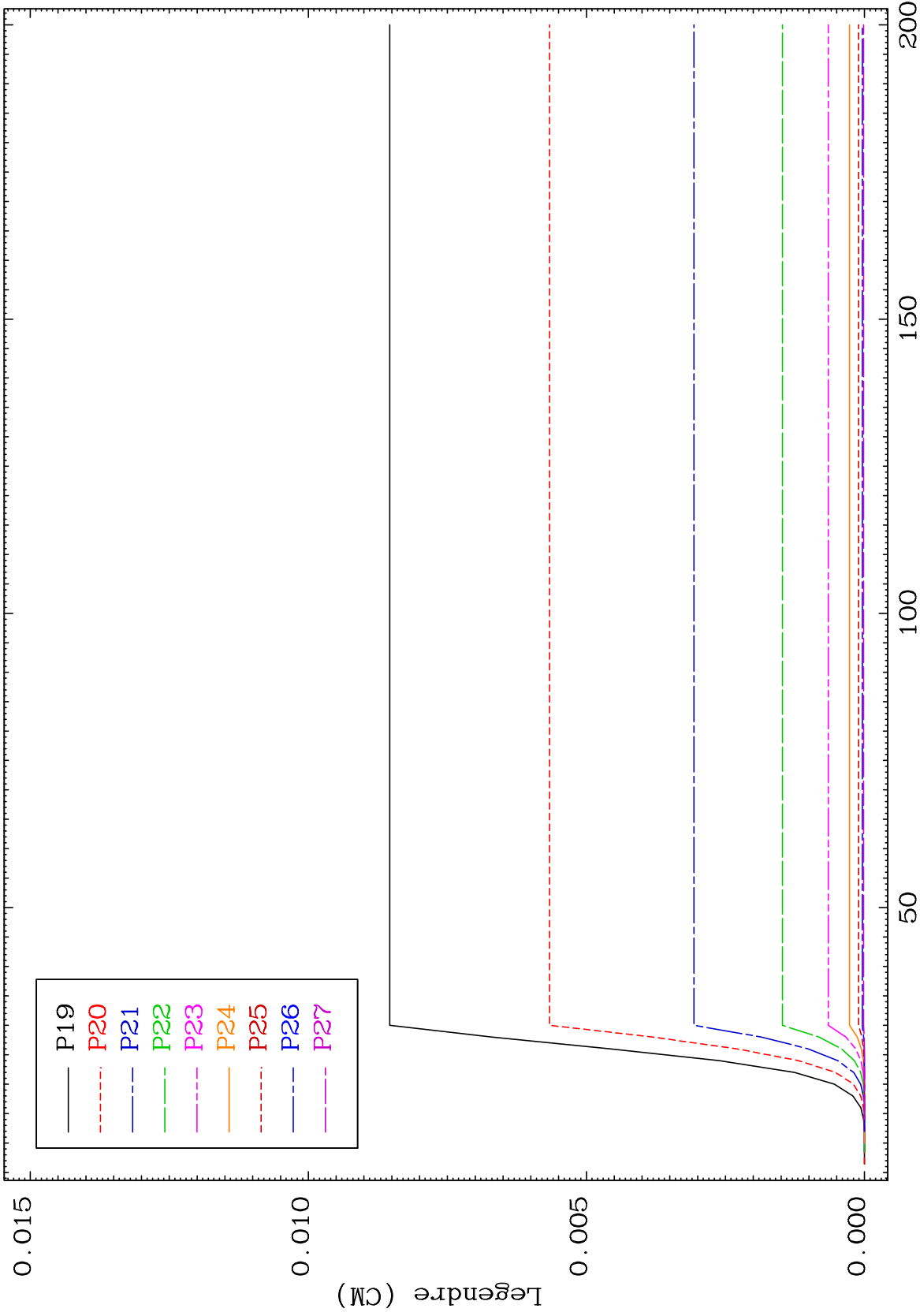
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



21

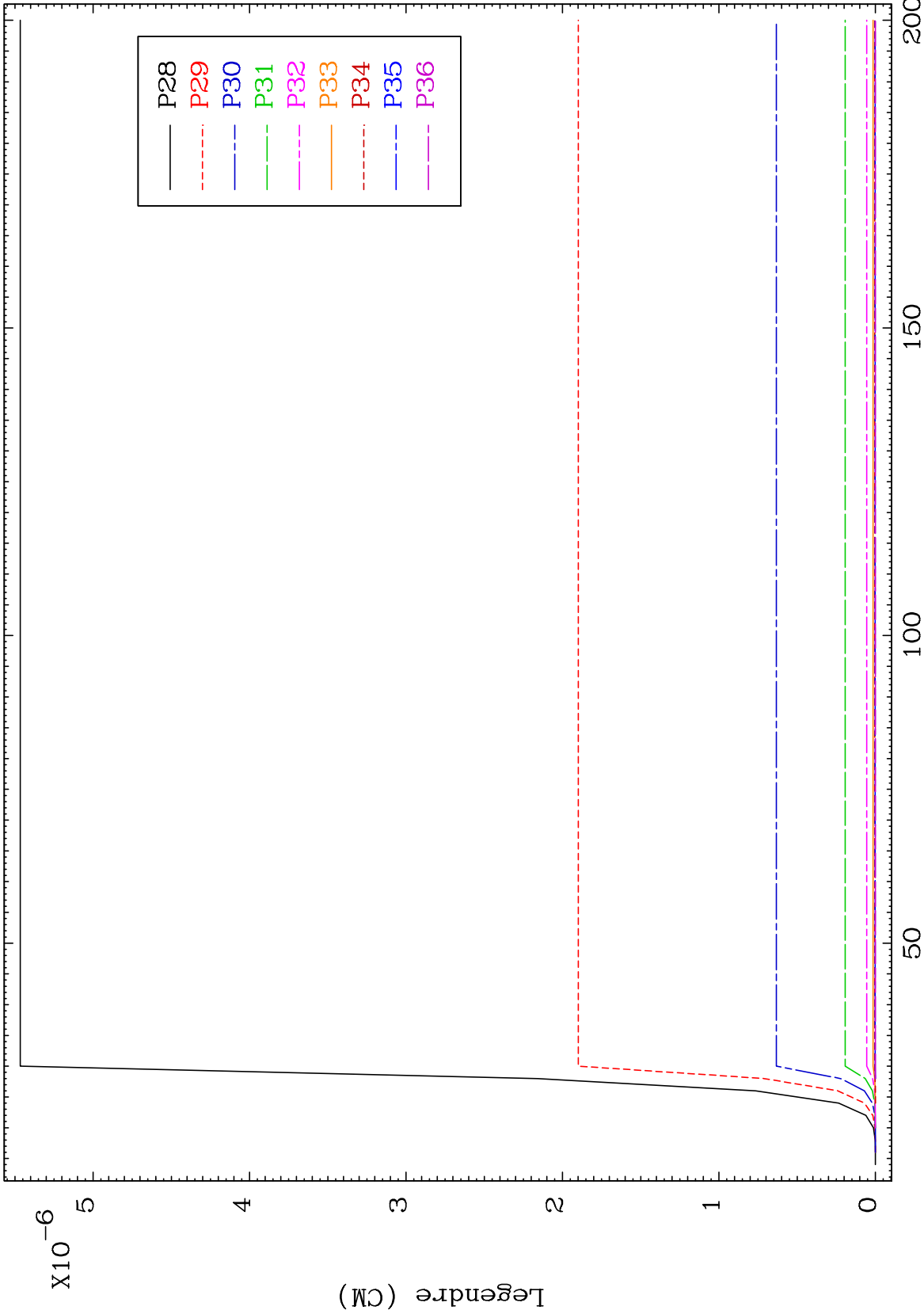
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



22

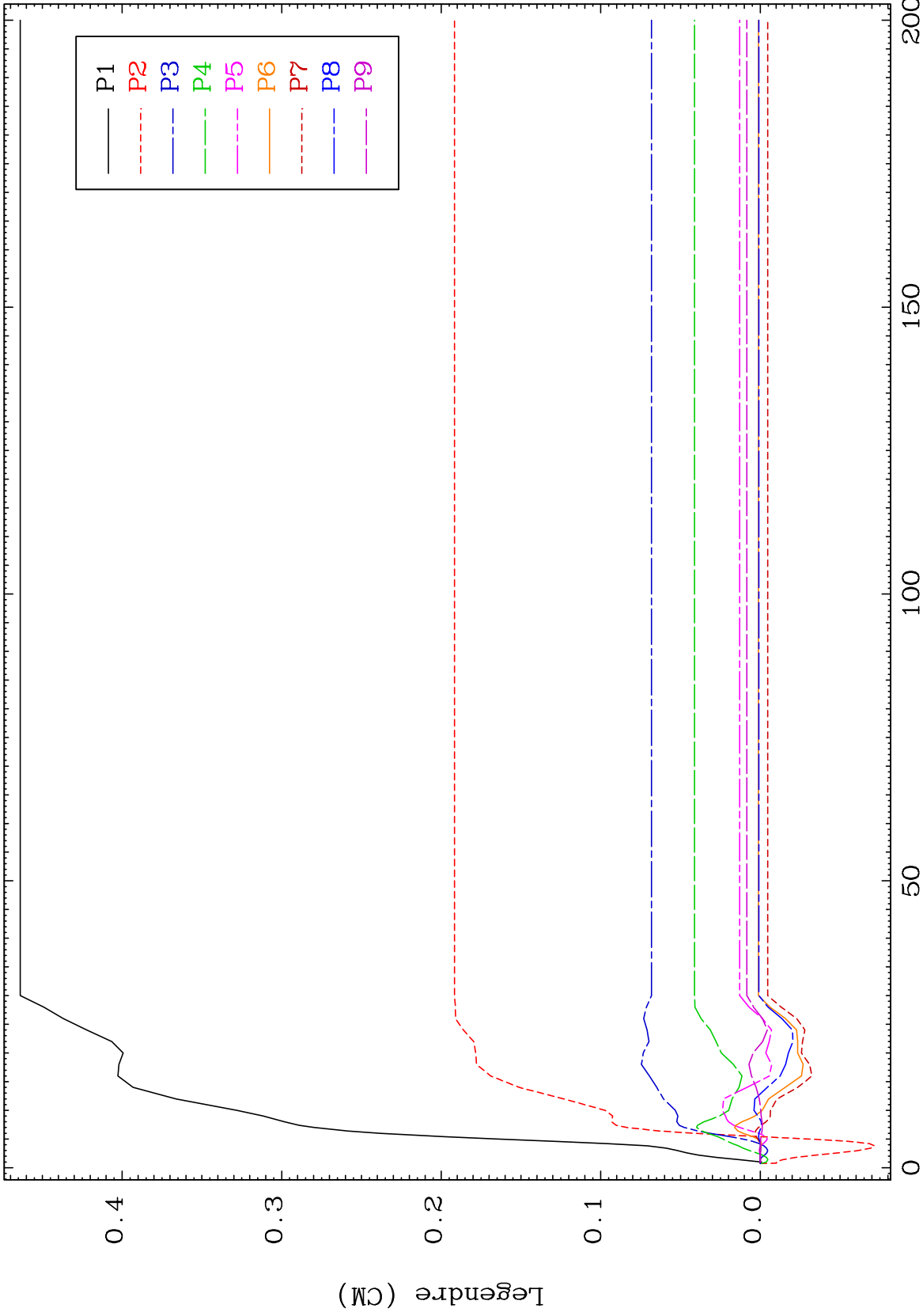
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



23

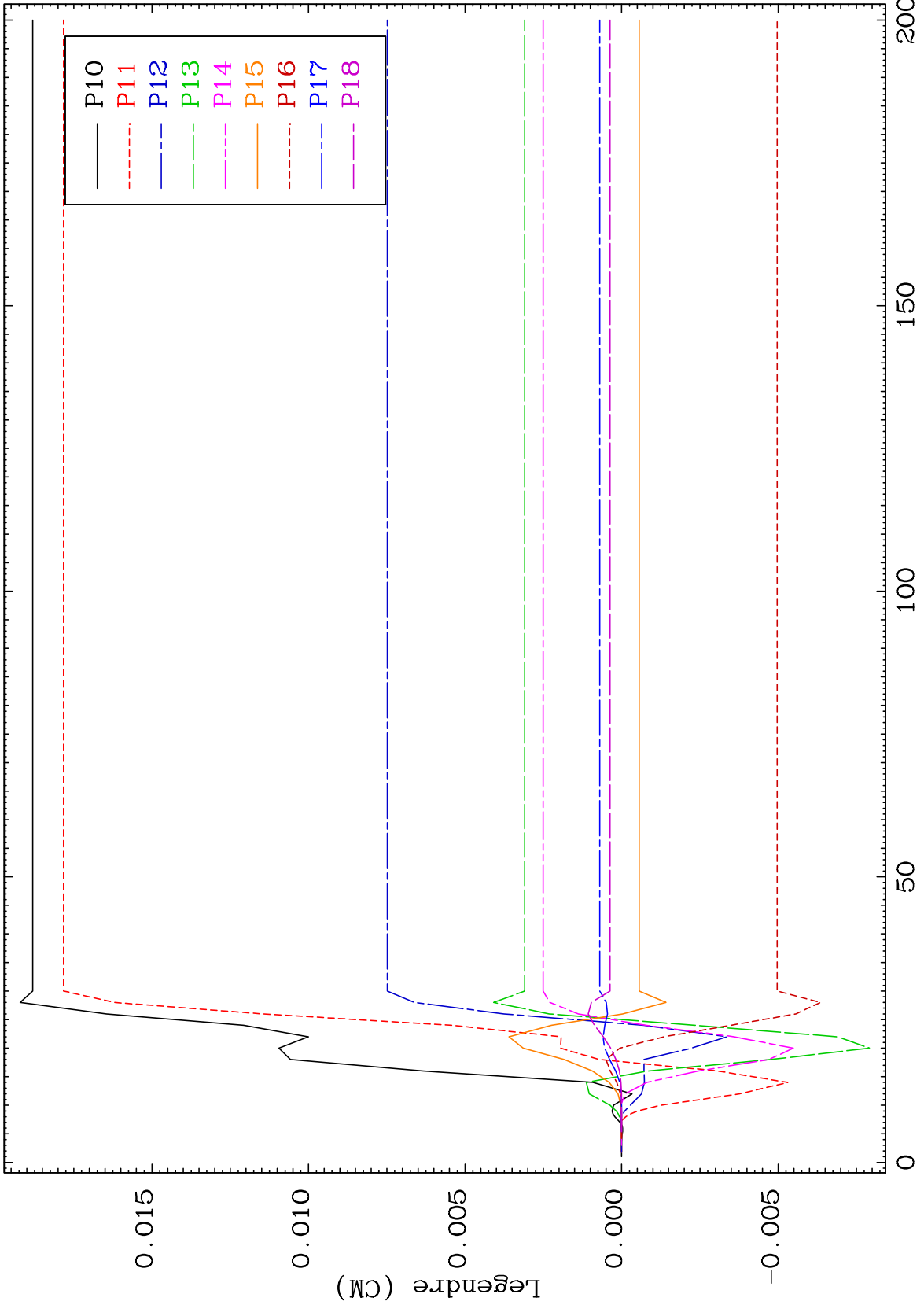
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



24

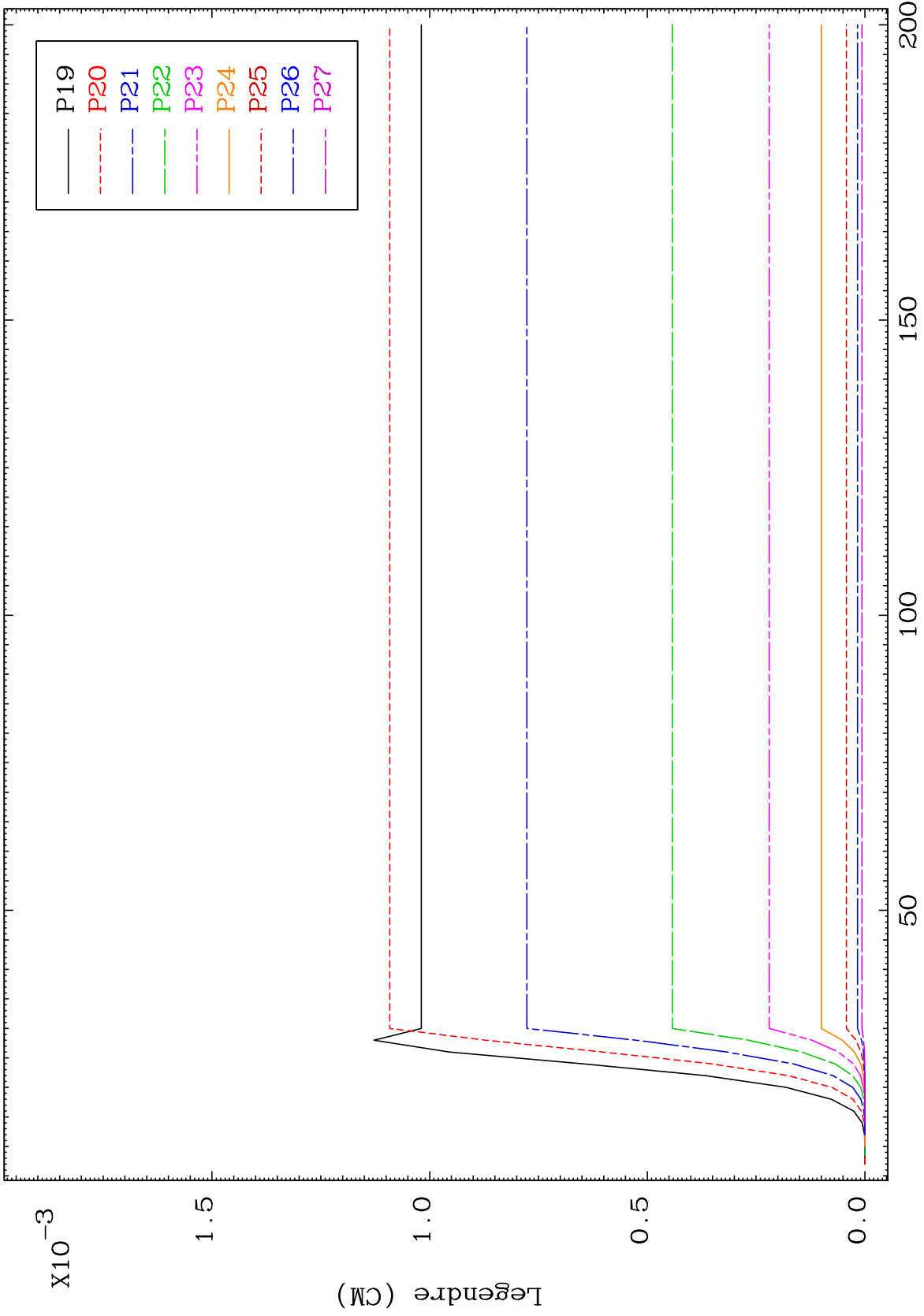
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



25

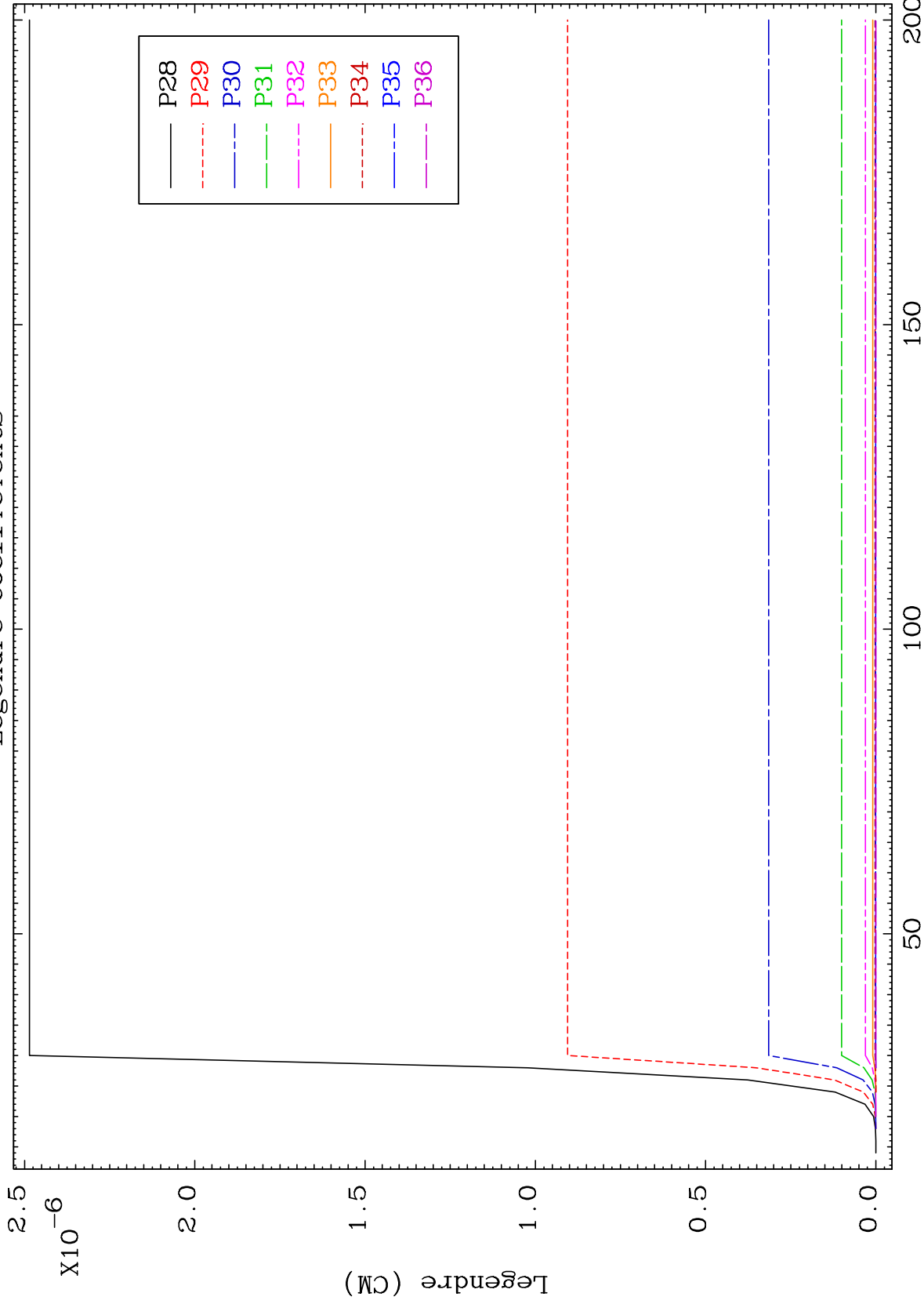
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



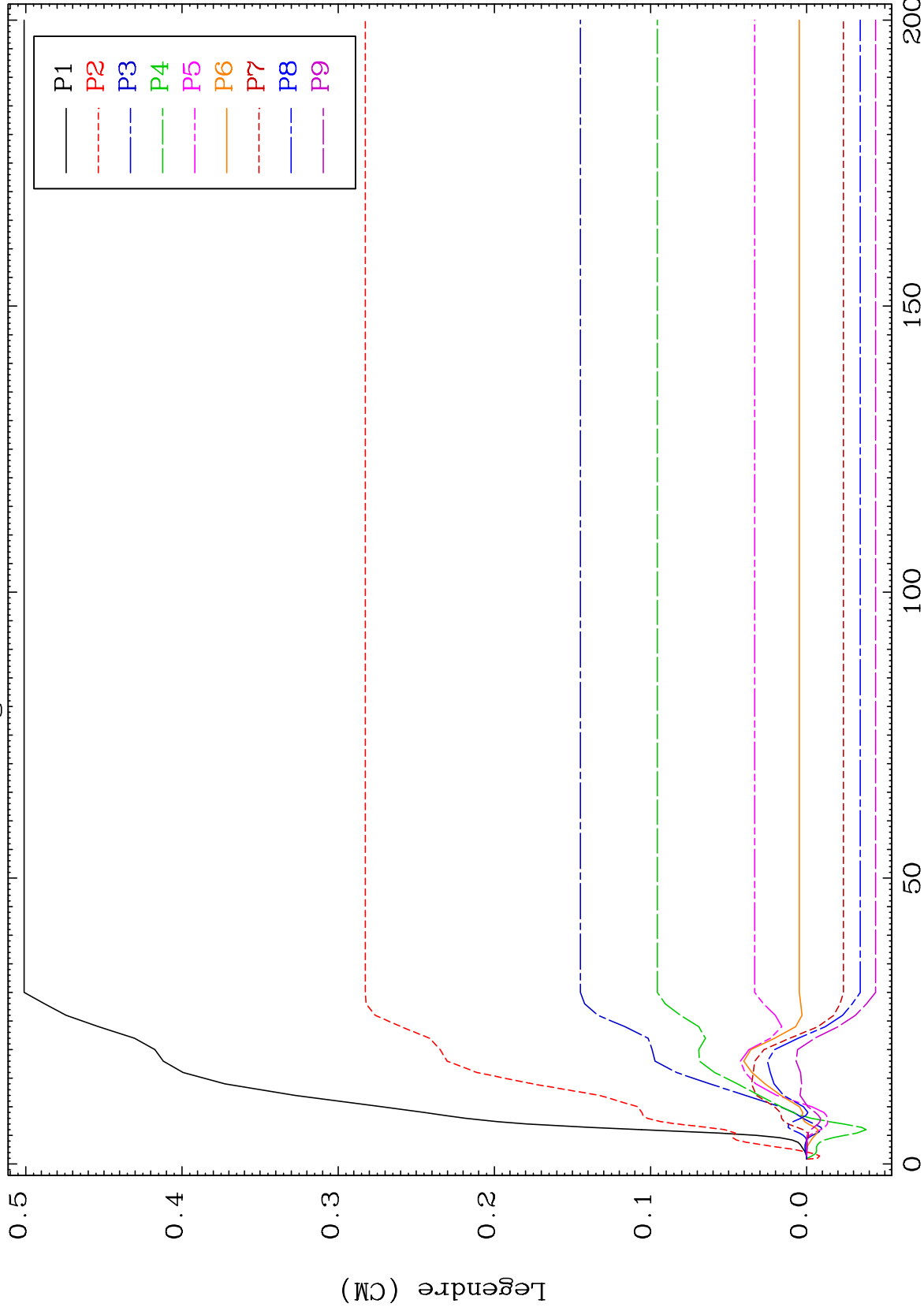
26

58-Ce-130

MAT 5807

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

58-Ce-130



27

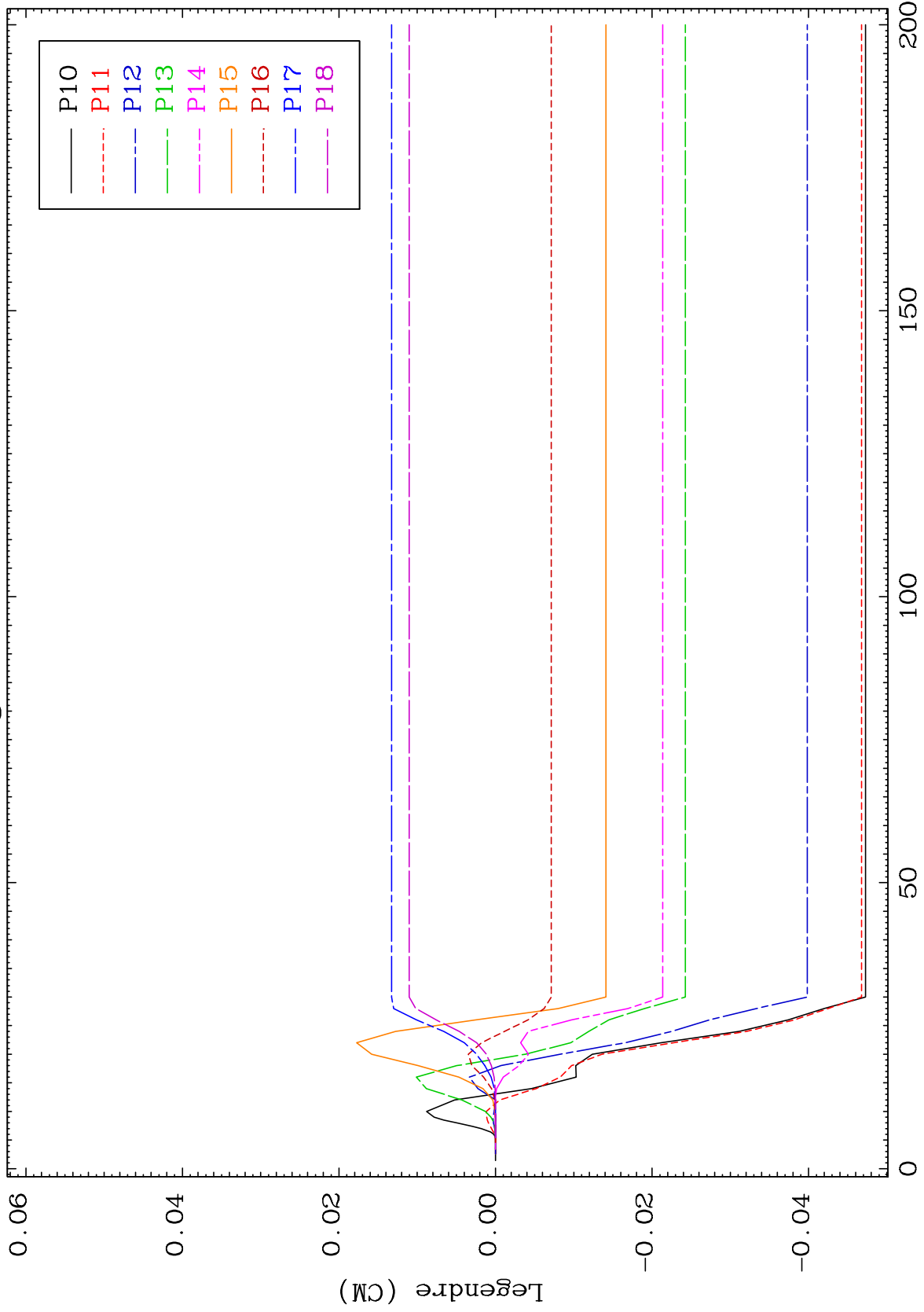
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



28

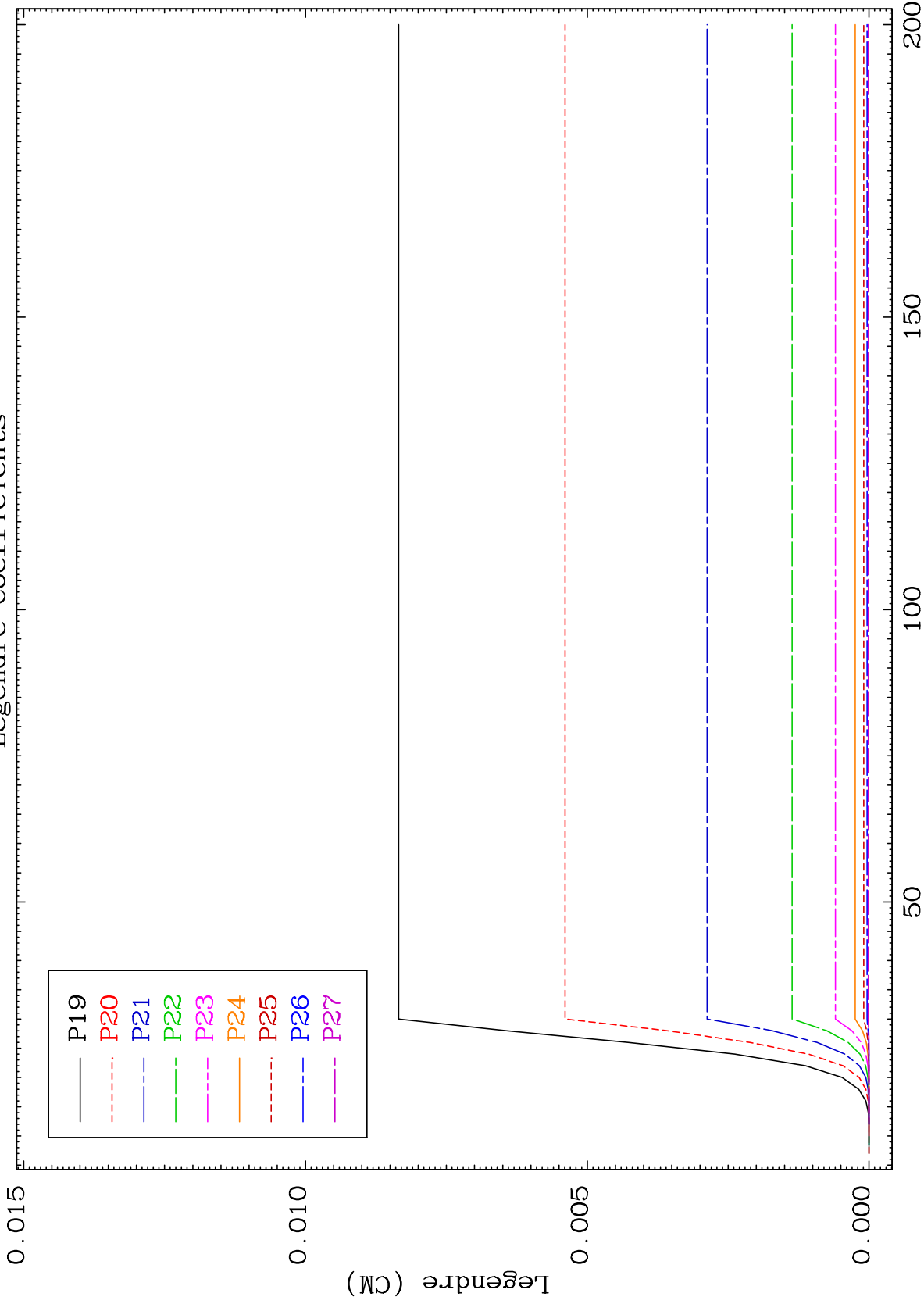
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



29

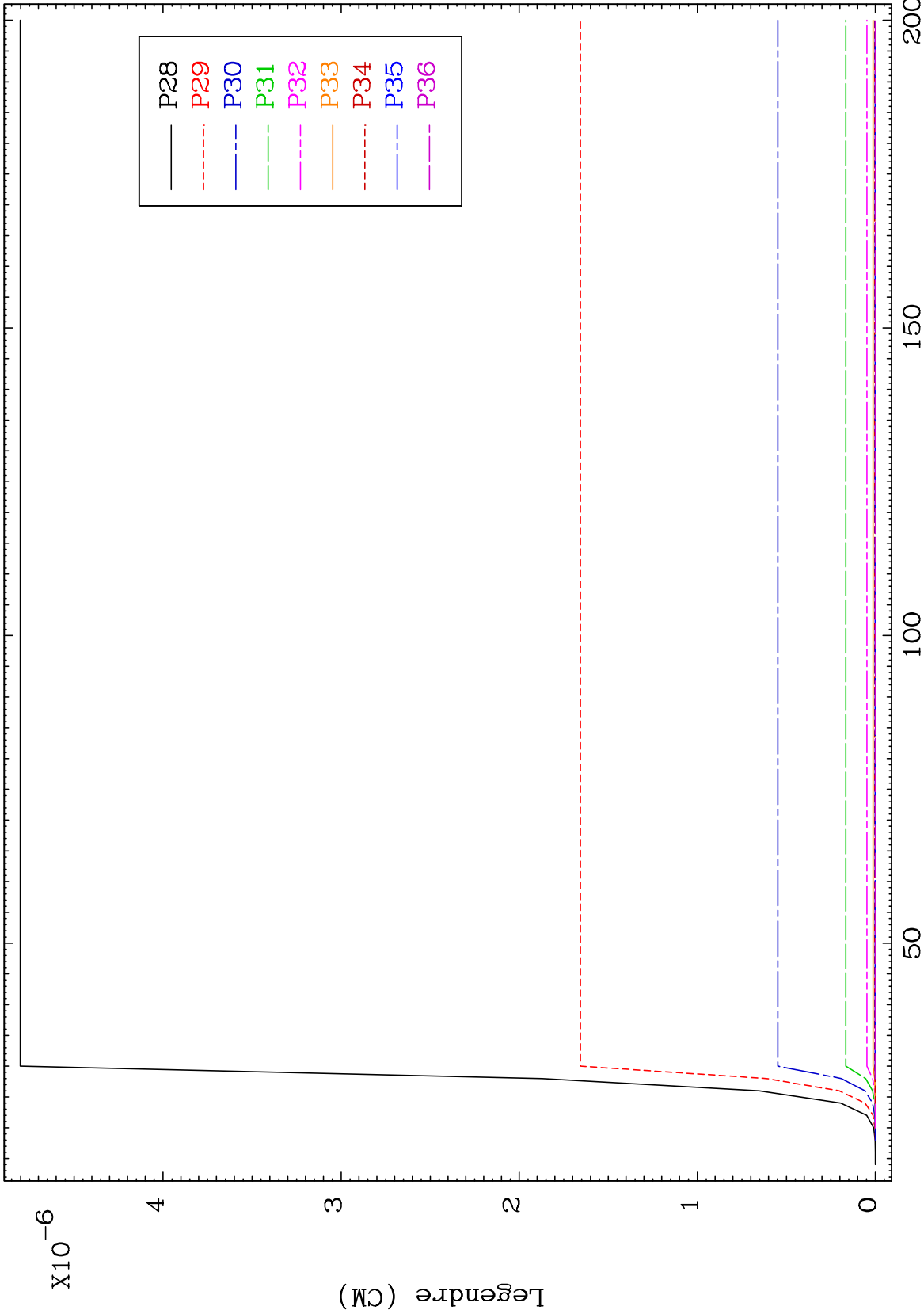
Incident Energy (MeV)

58-Ce-130

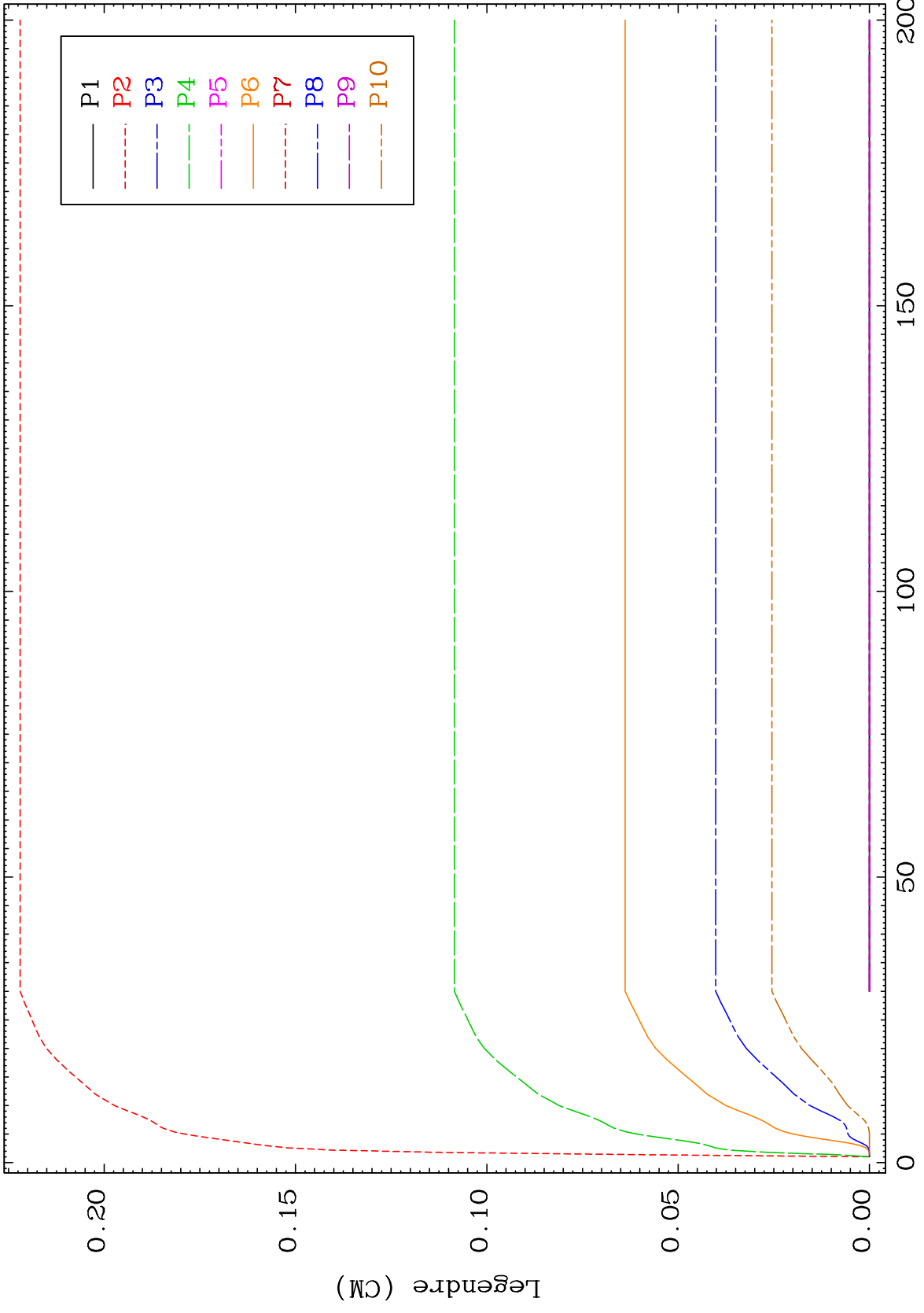
MAT 5807

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

58-Ce-130

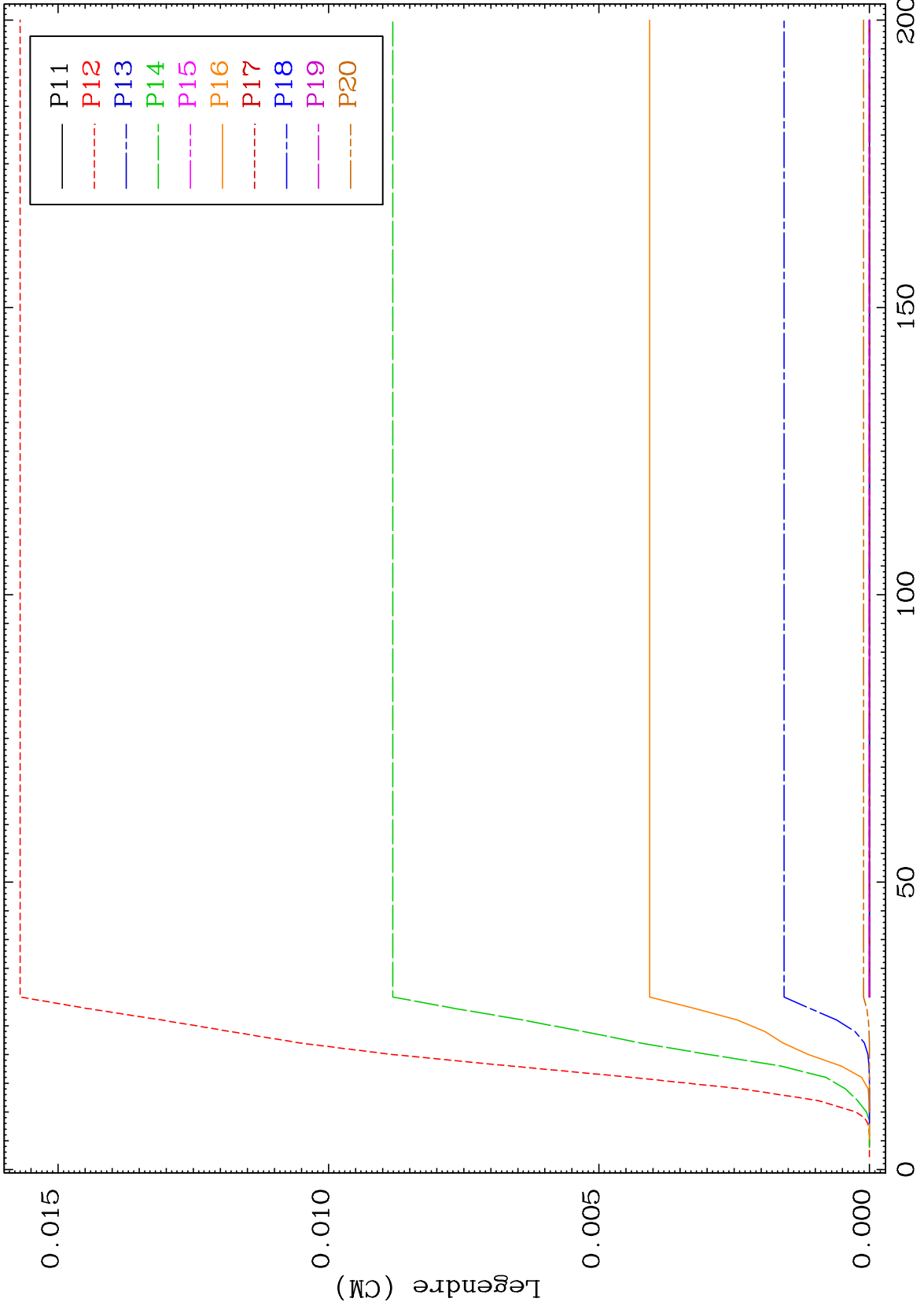


MAT 5807 MT= 54 (n,n') Level Legendre Coefficients 58-Ce-130



31 58-Ce-130

MAT 5807 MT= 54 (n,n') Level Legendre Coefficients 58-Ce-130

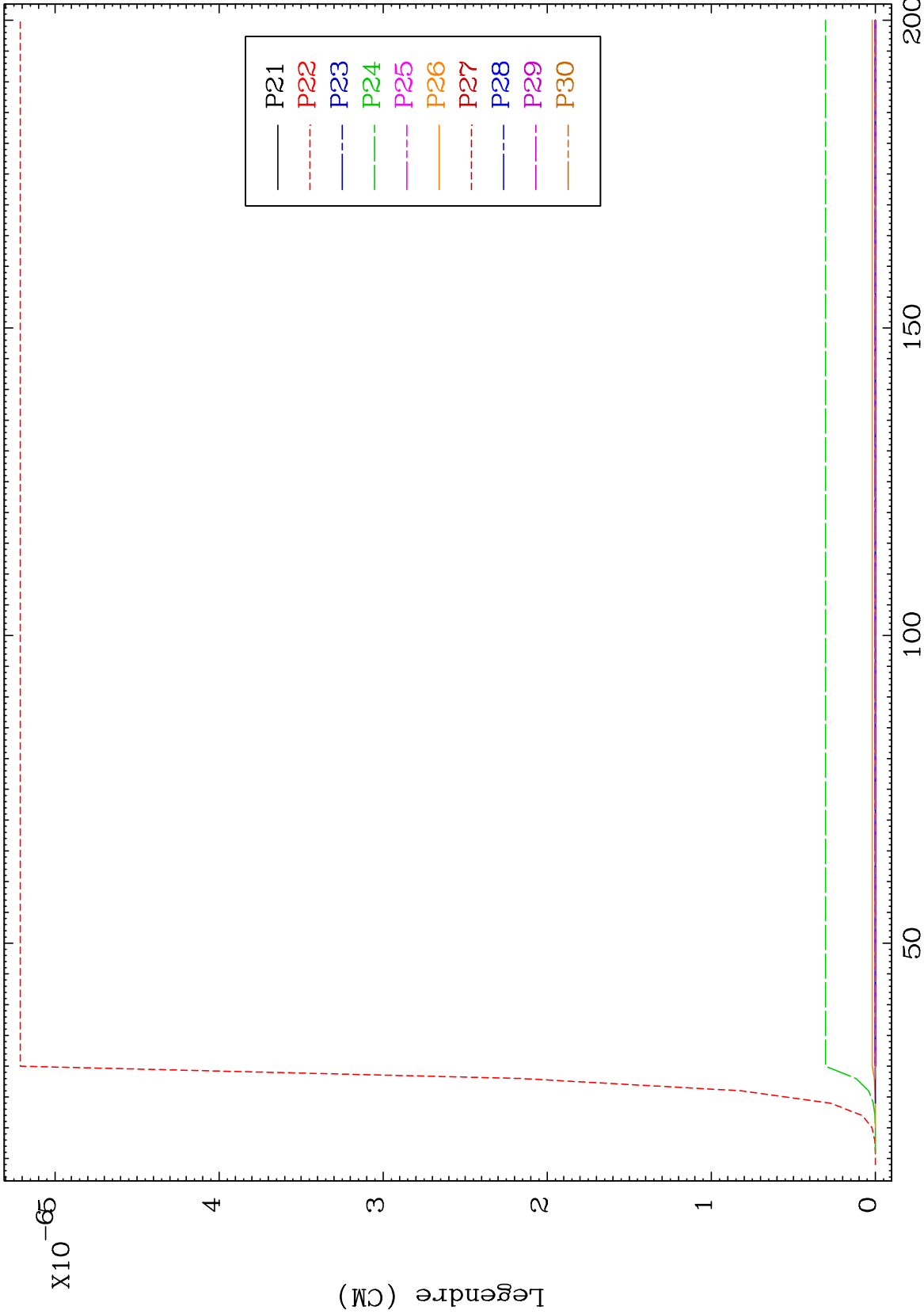


32 58-Ce-130

MAT 5807

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

58-Ce-130



33

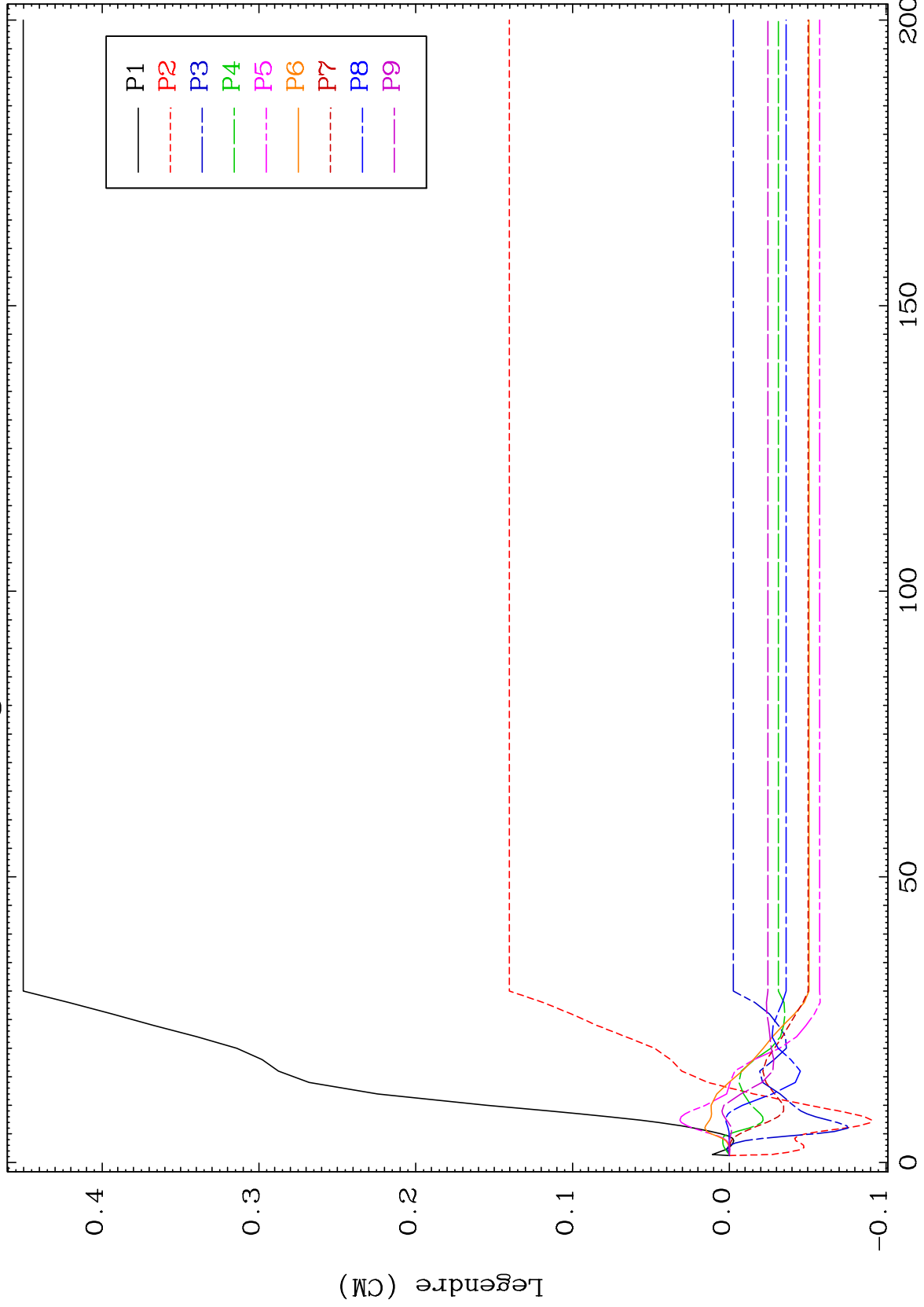
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



34

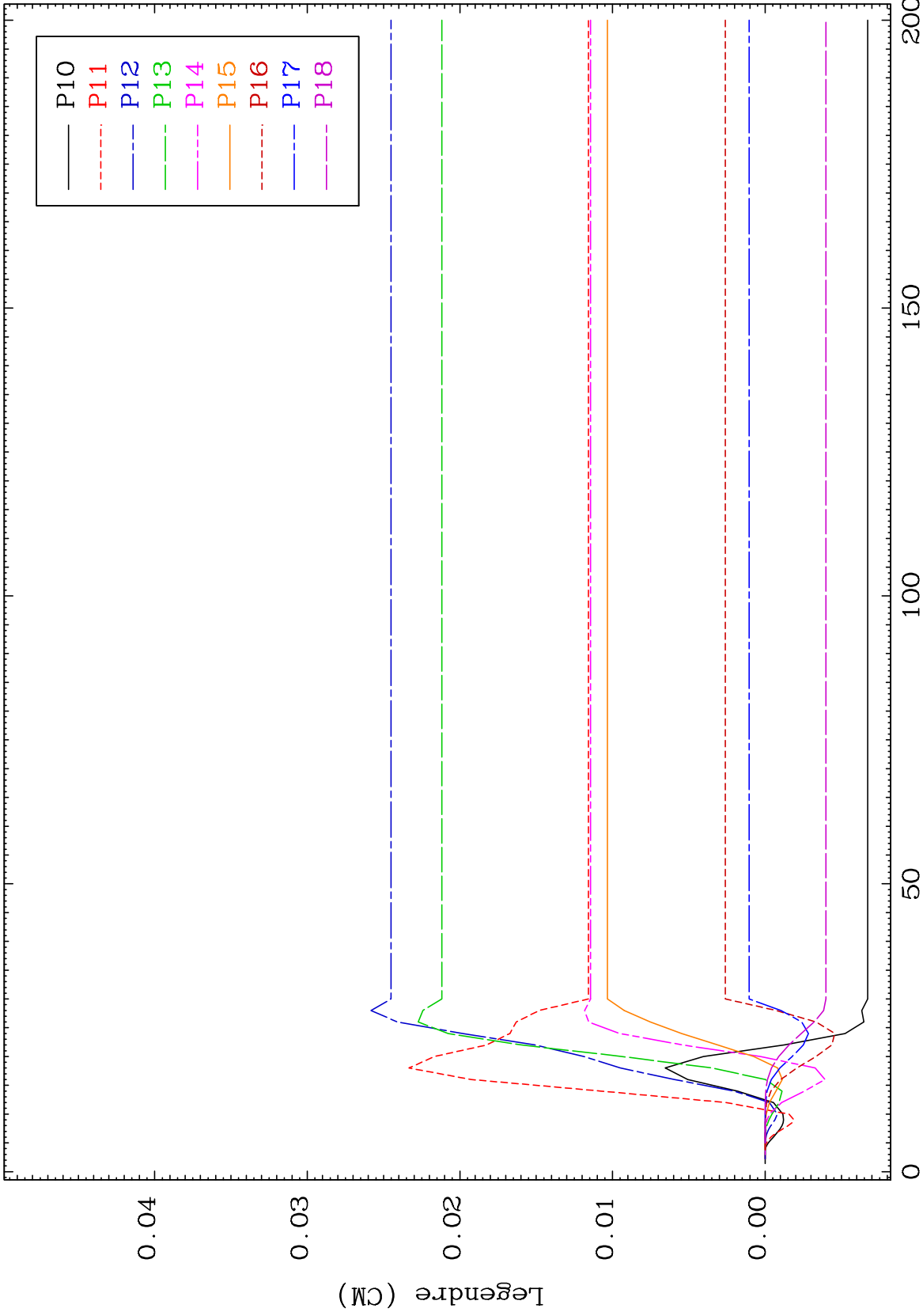
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



35

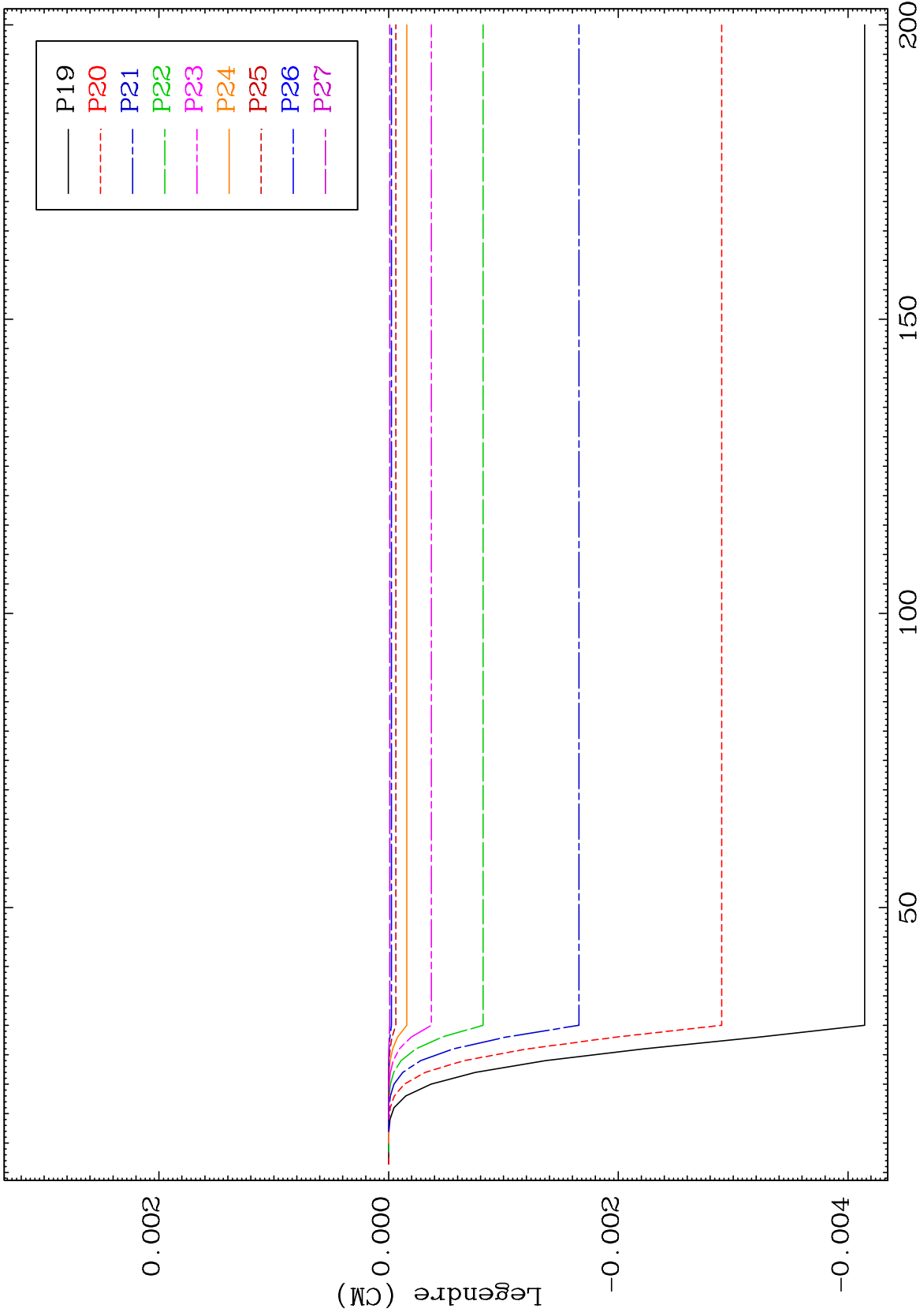
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

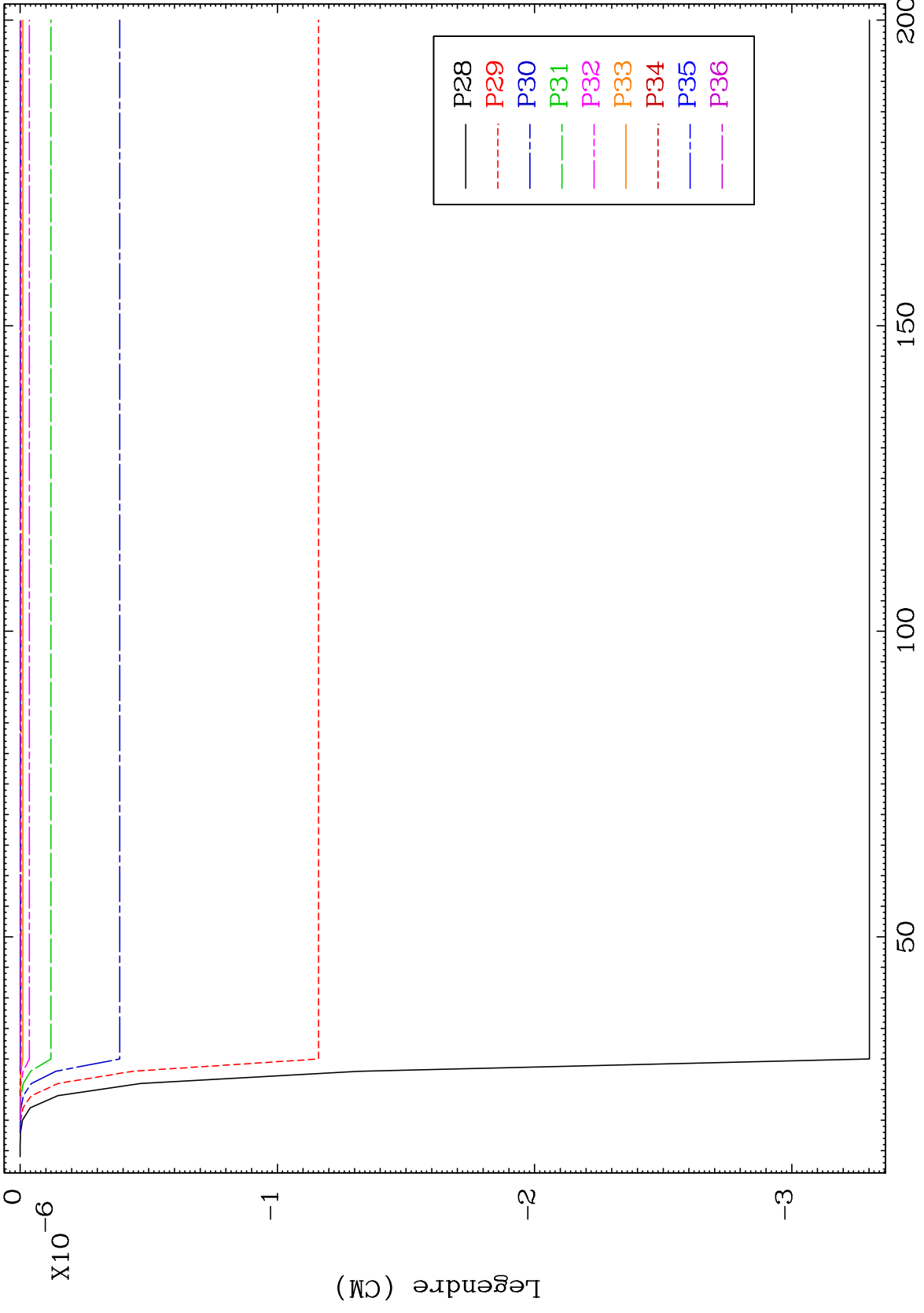


36

Incident Energy (MeV)

58-Ce-130

MAT 5807 MT= 55 (n,n') Level Legendre Coefficients 58-Ce-130

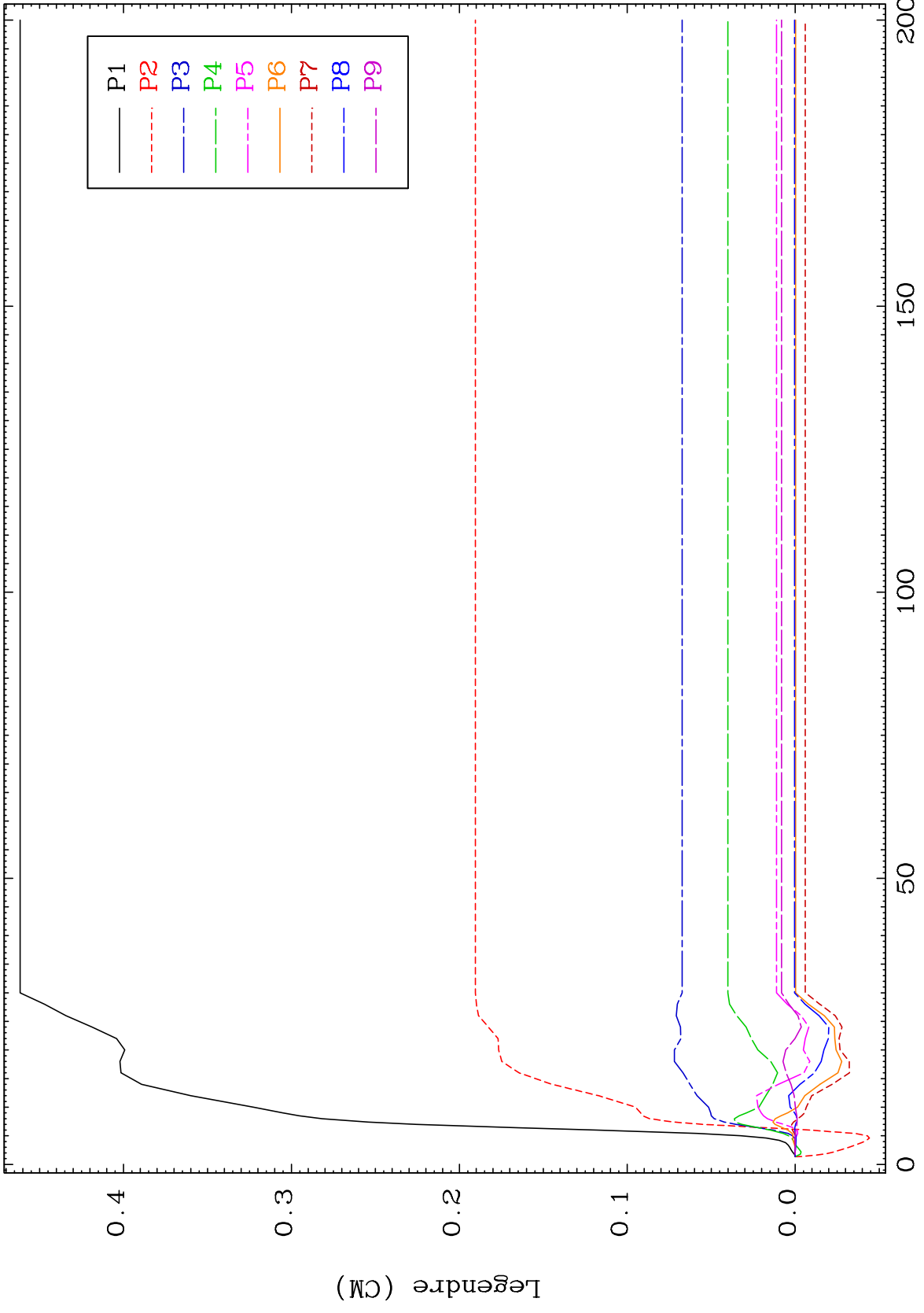


37 58-Ce-130

MAT 5807

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

58-Ce-130



38

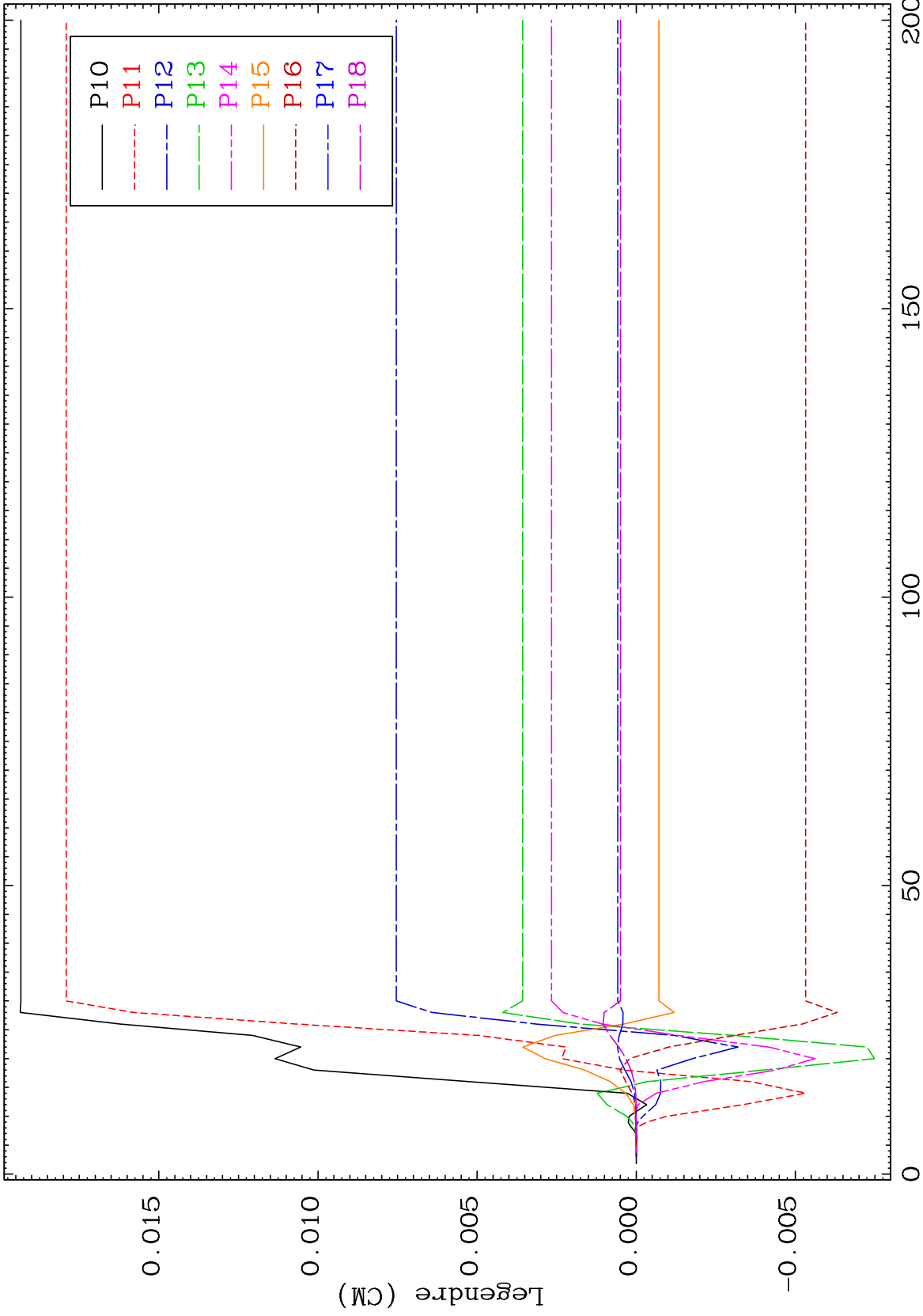
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



39

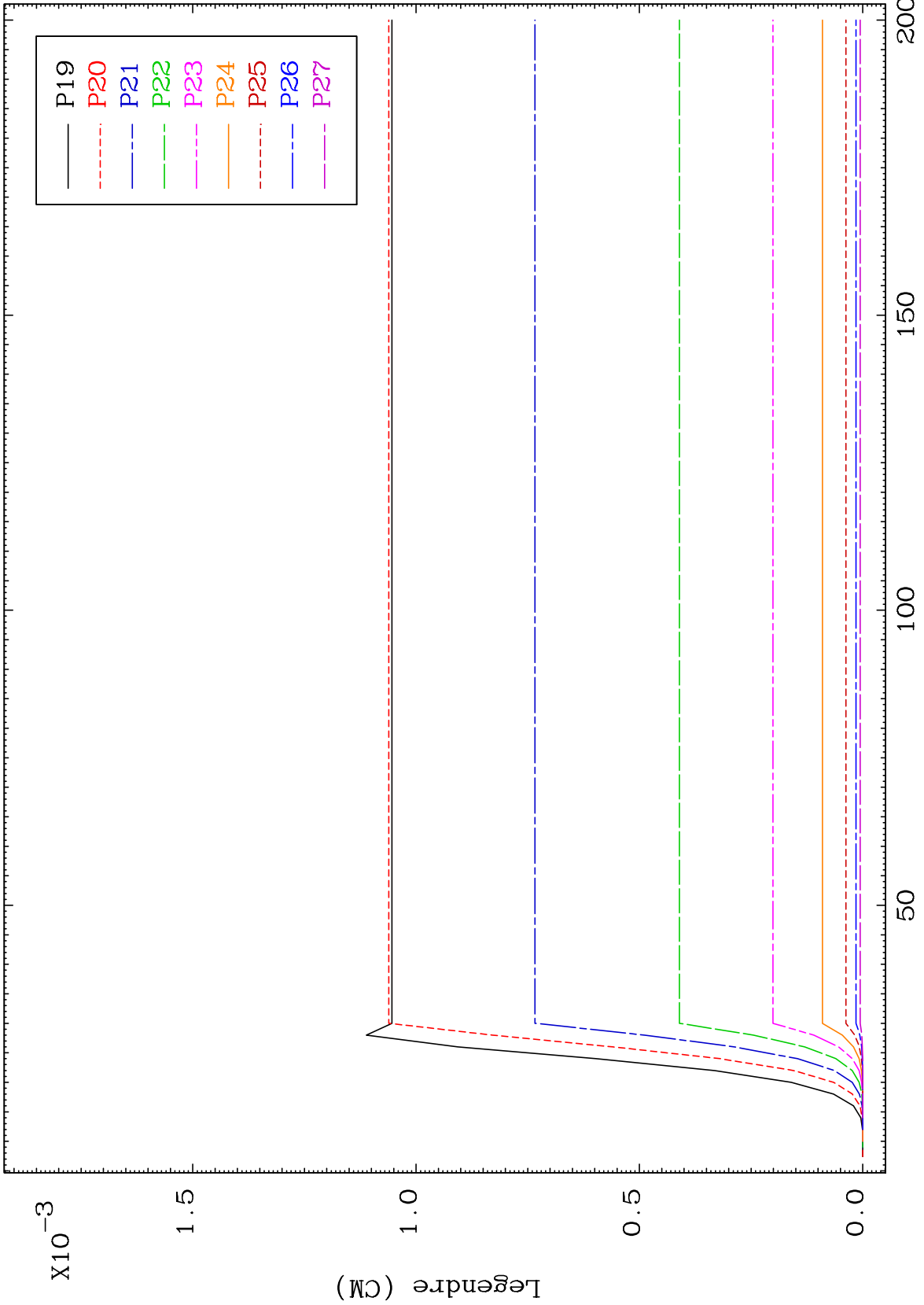
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

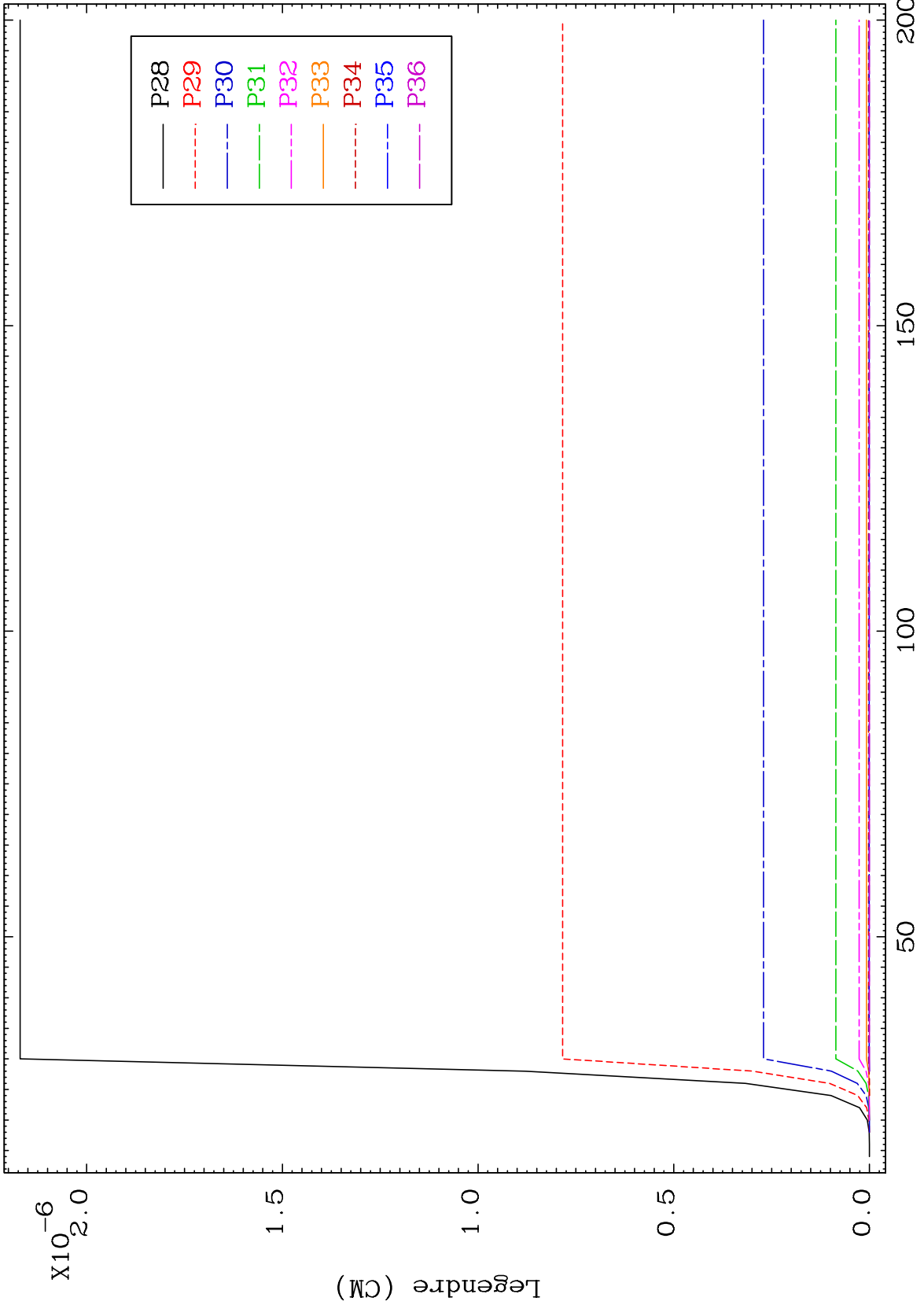
58-Ce-130



MAT 5807

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

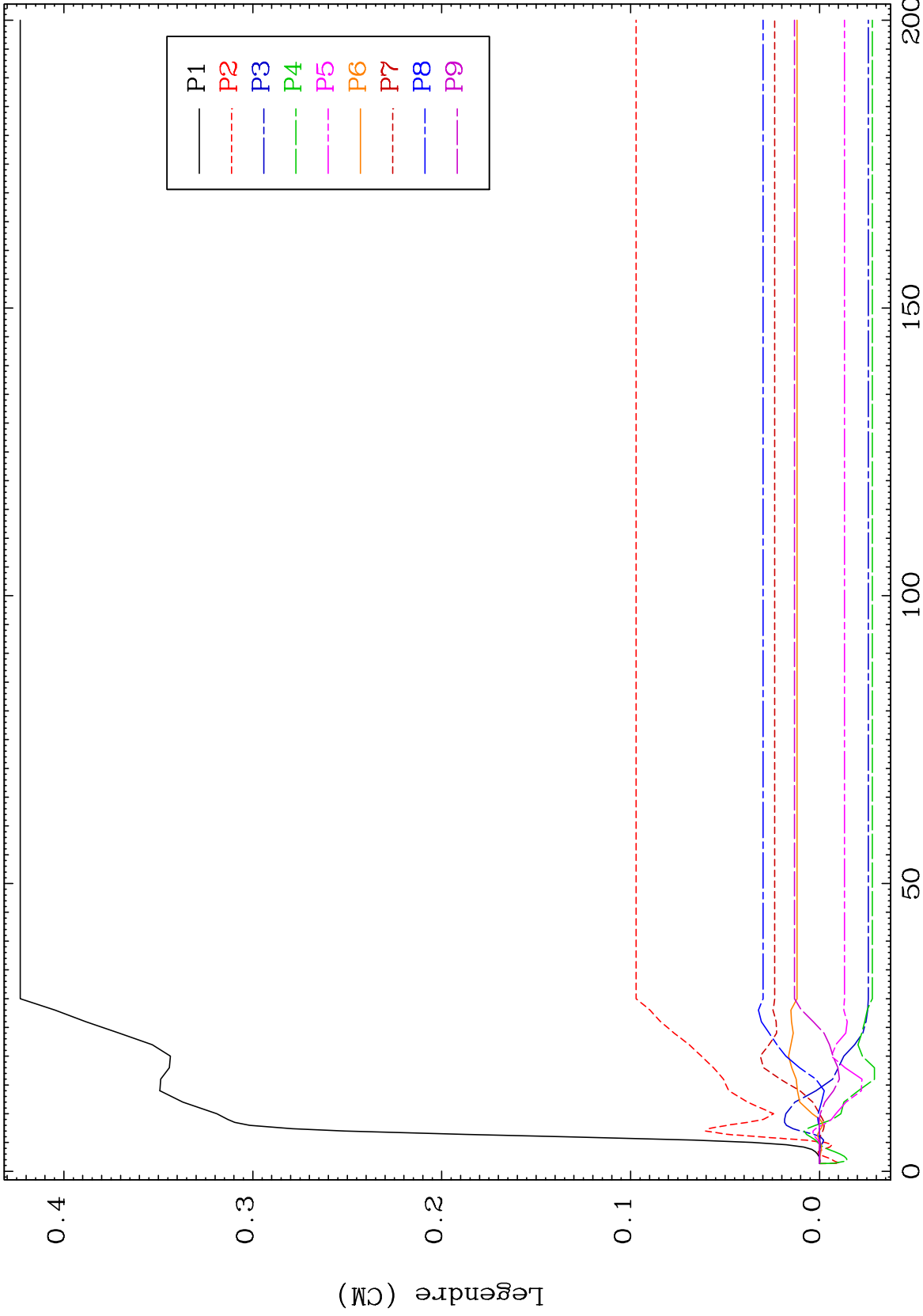
58-Ce-130



MAT 5807

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

58-Ce-130



42

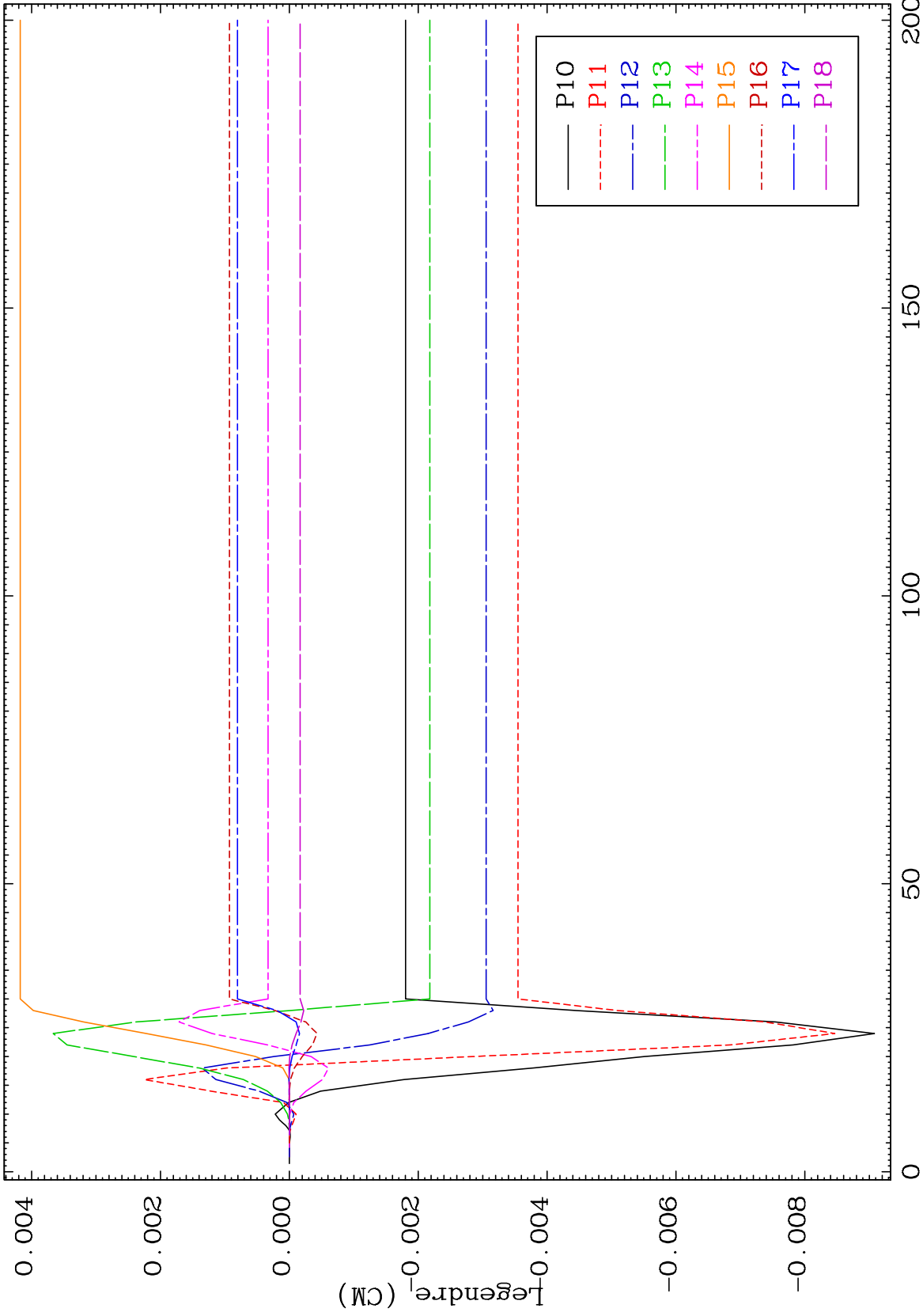
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

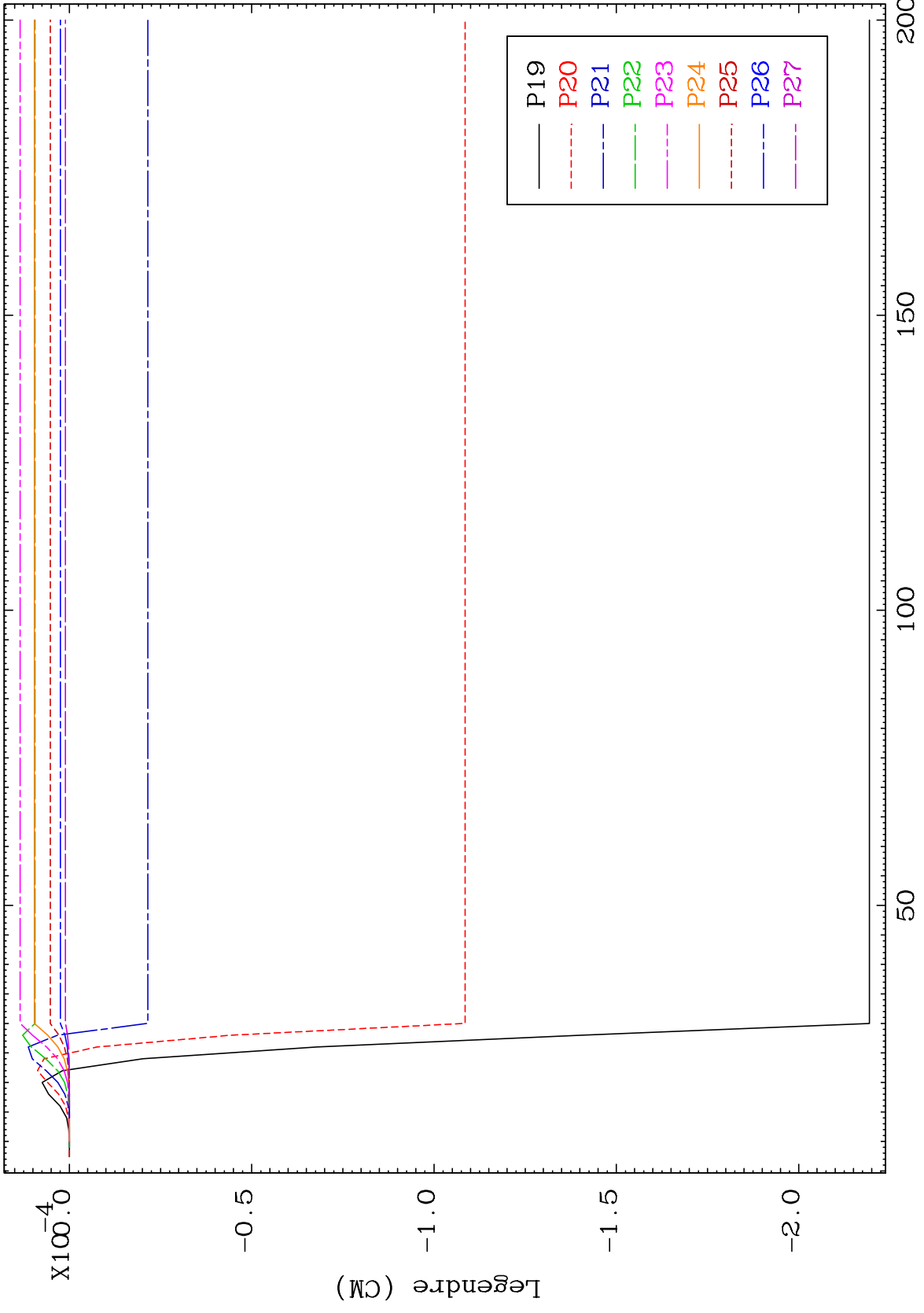


43

Incident Energy (MeV)

58-Ce-130

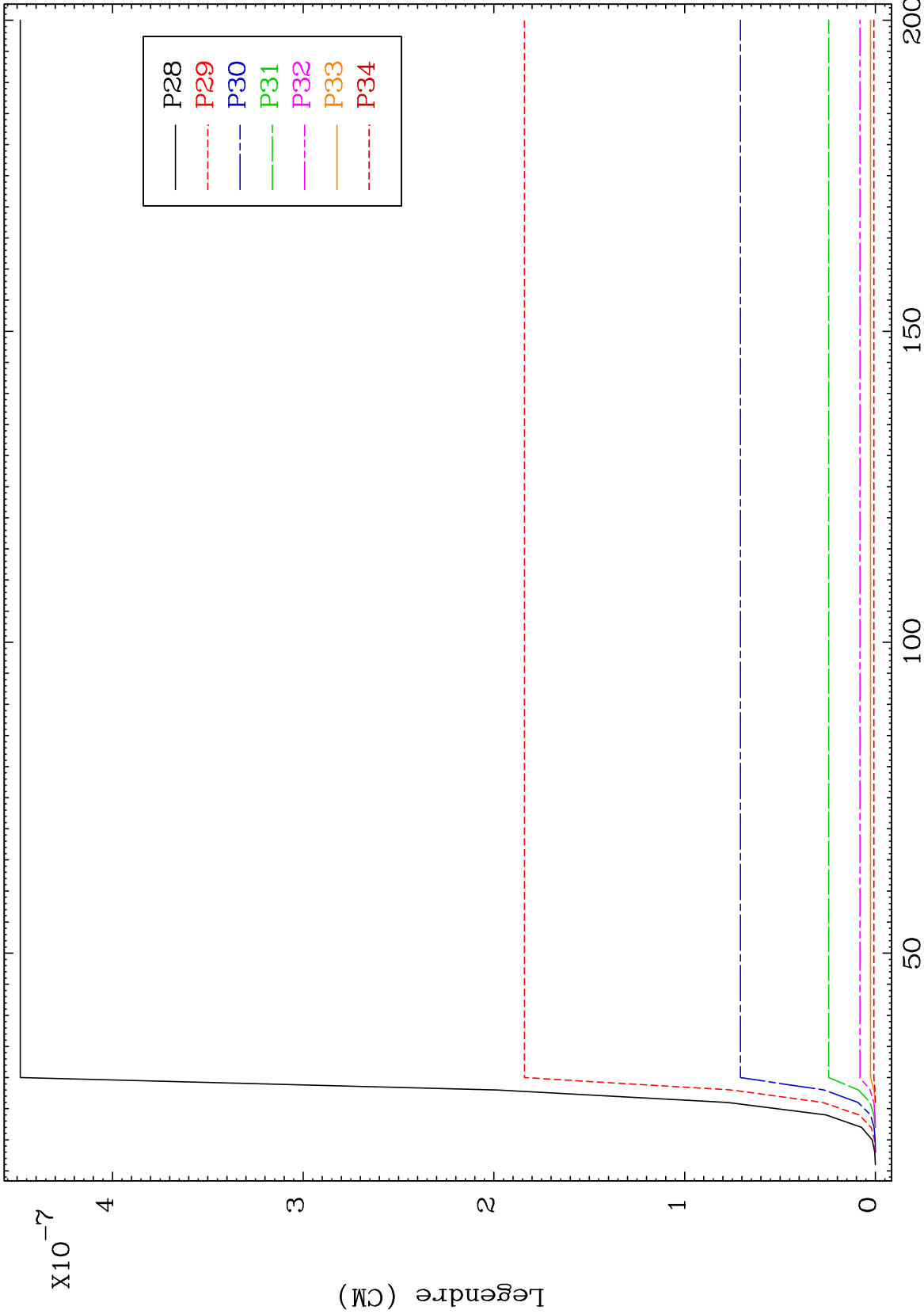
MAT 5807 MT= 57 (n,n') Level Legendre Coefficients 58-Ce-130



MAT 5807

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

58-Ce-130

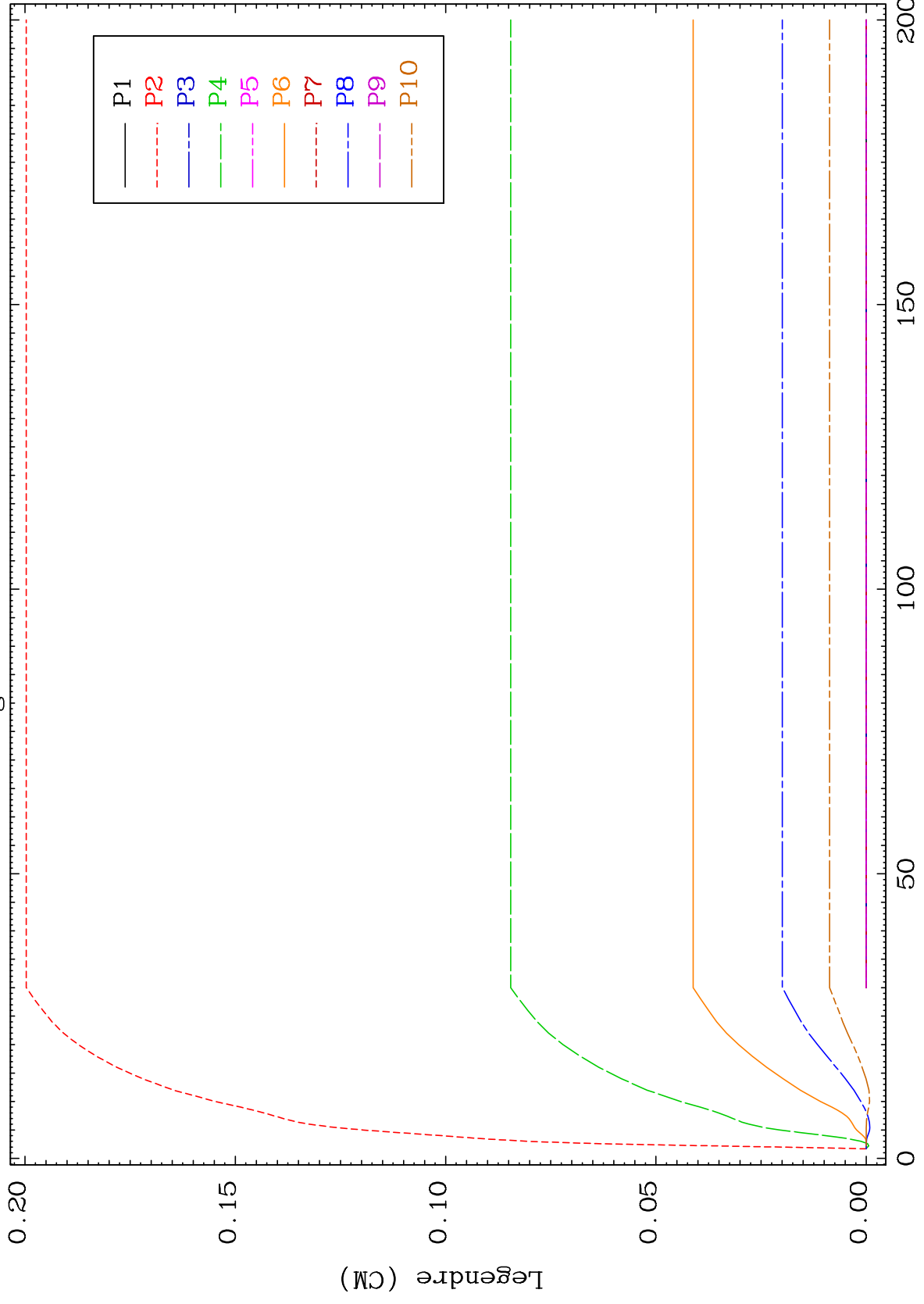


45

Incident Energy (MeV)

58-Ce-130

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

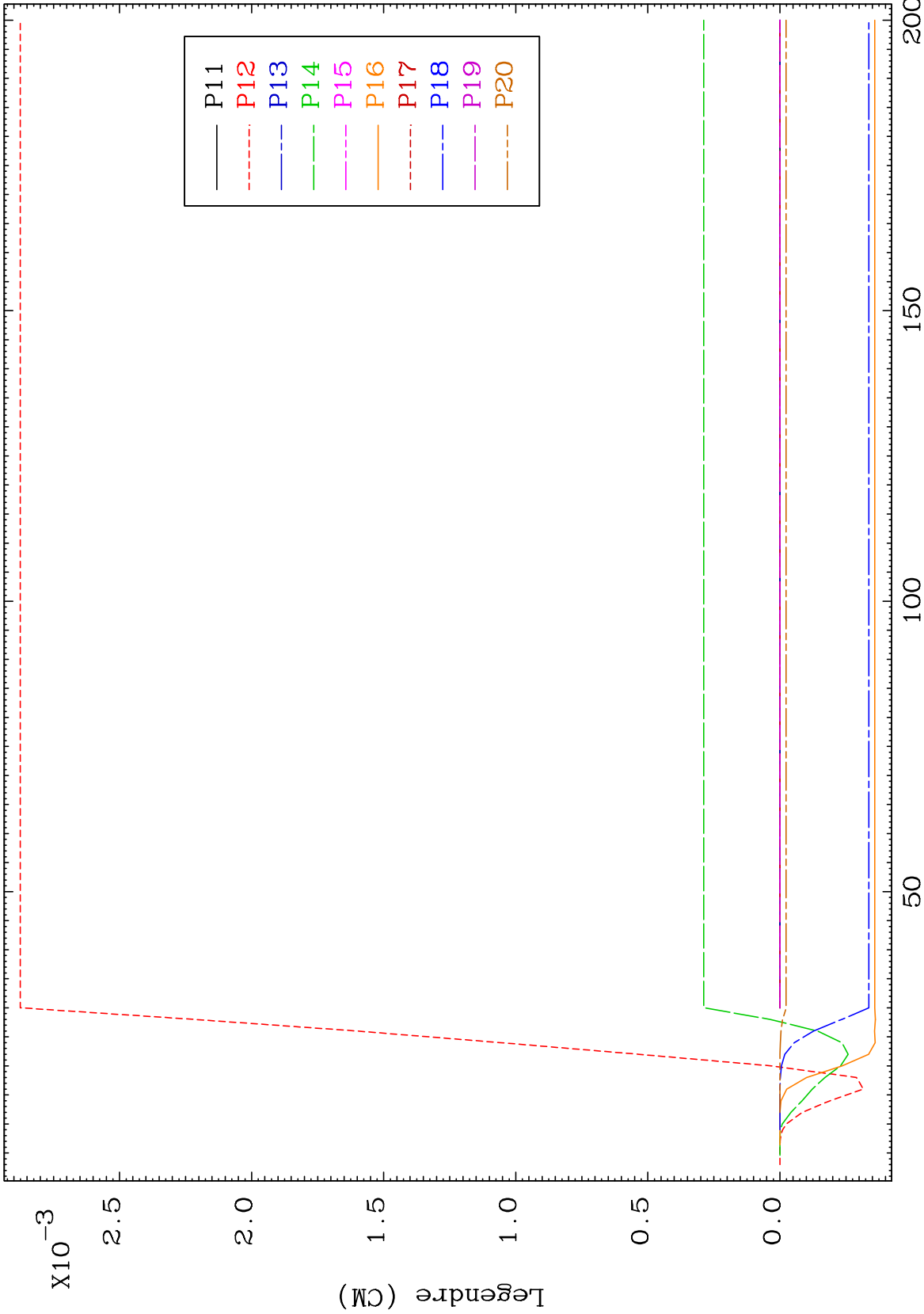


46 58-Ce-130

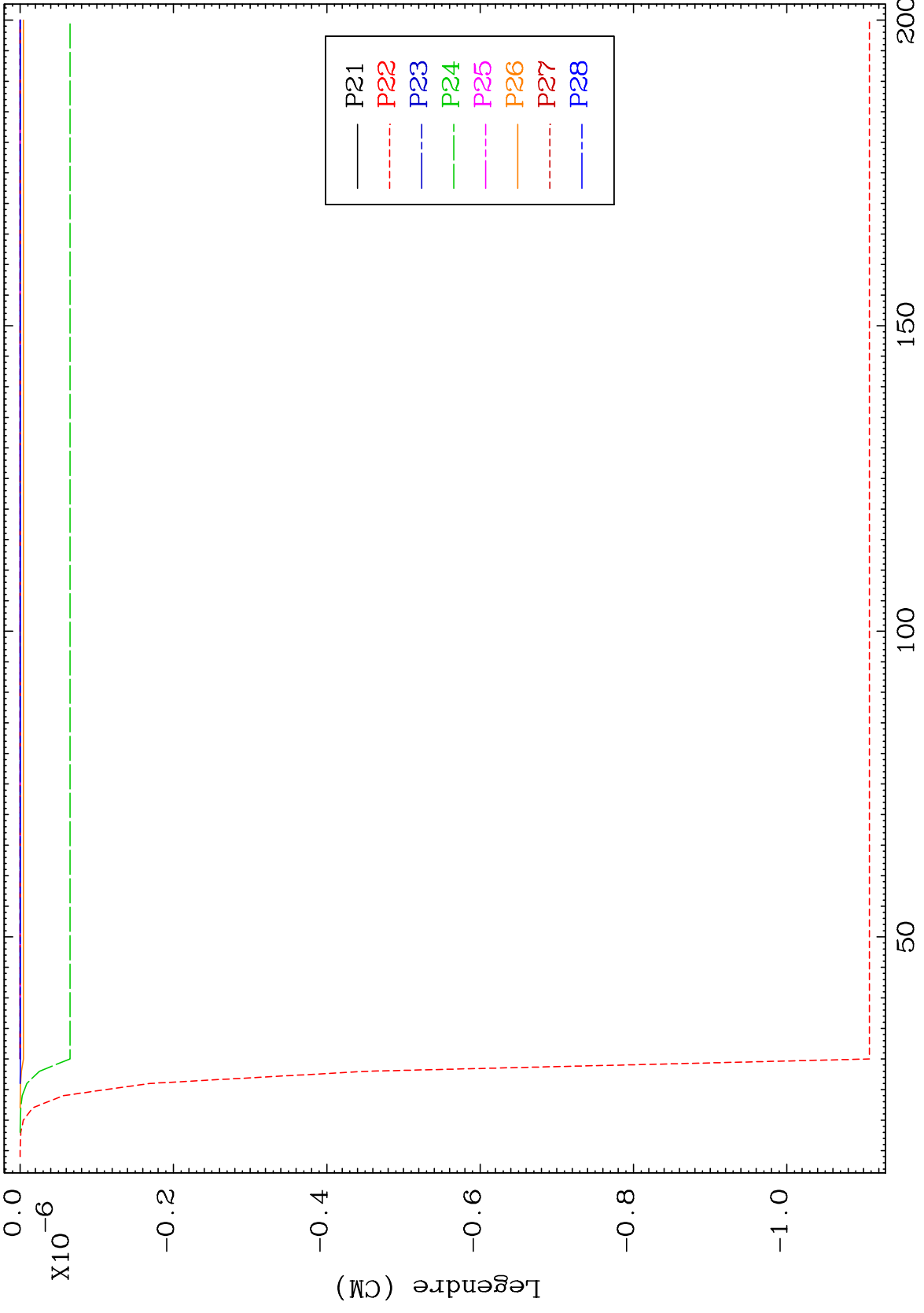
MAT 5807

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

58-Ce-130



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

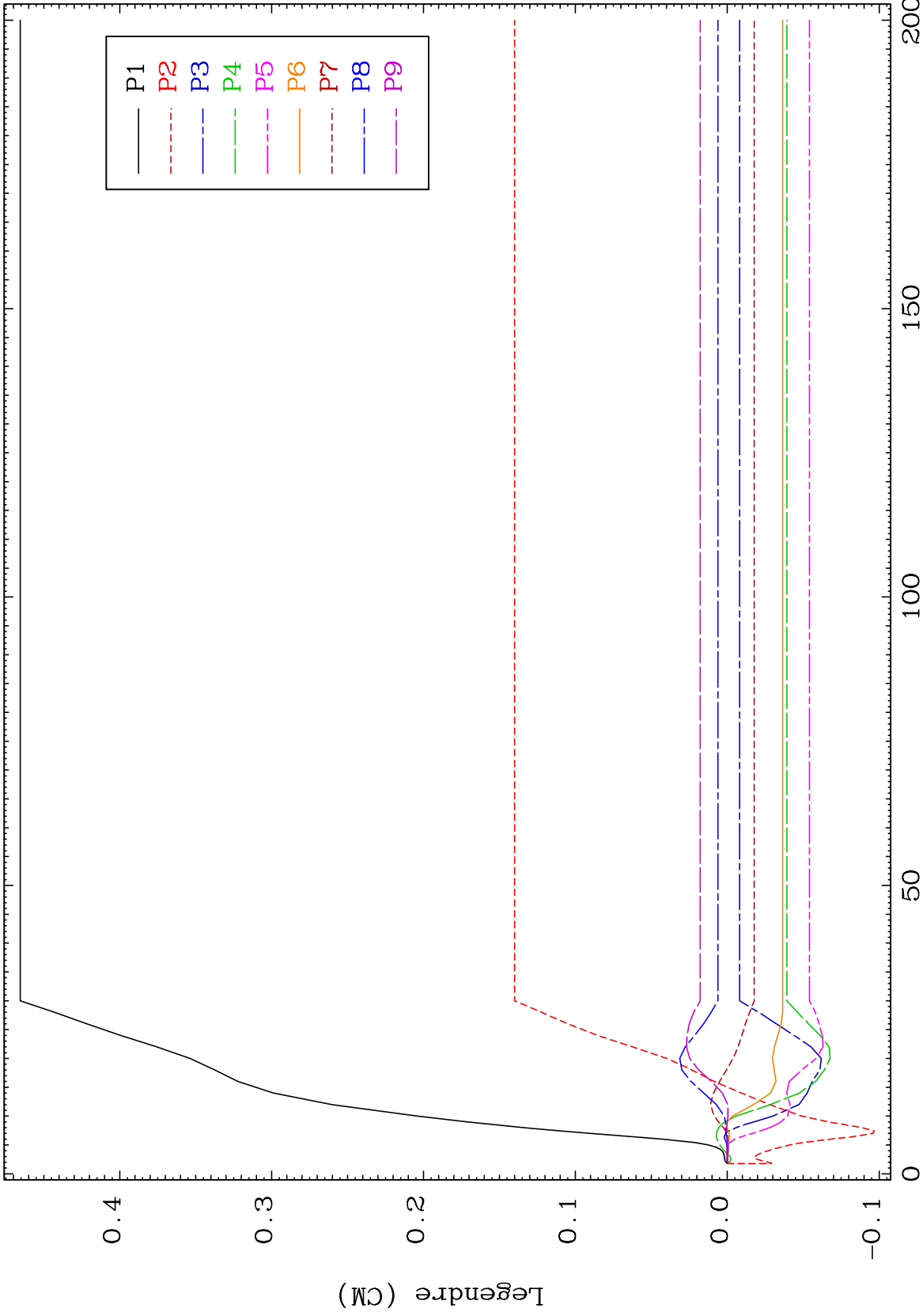


48 Incident Energy (MeV) 58-Ce-130

MAT 5807

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

58-Ce-130



49

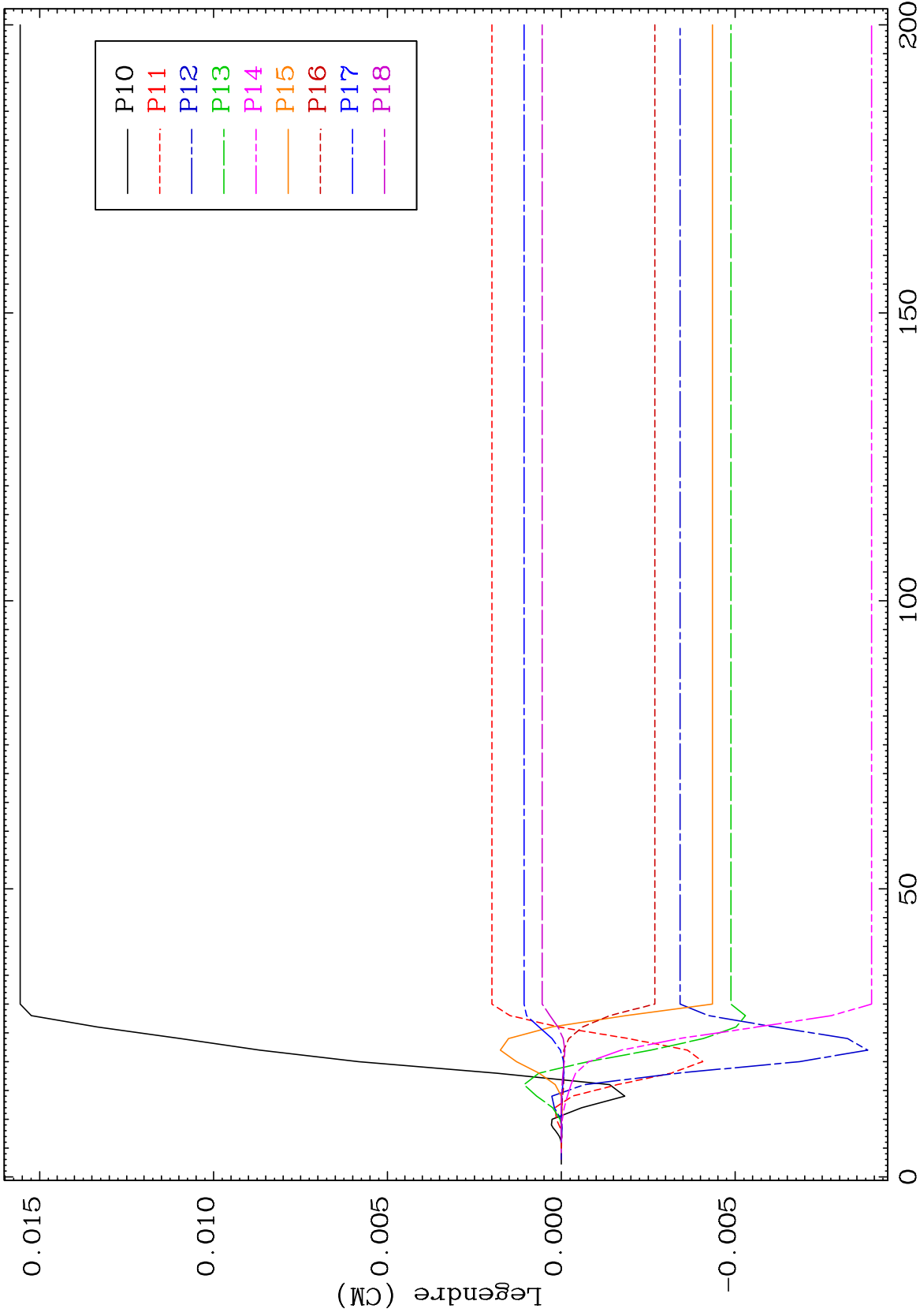
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

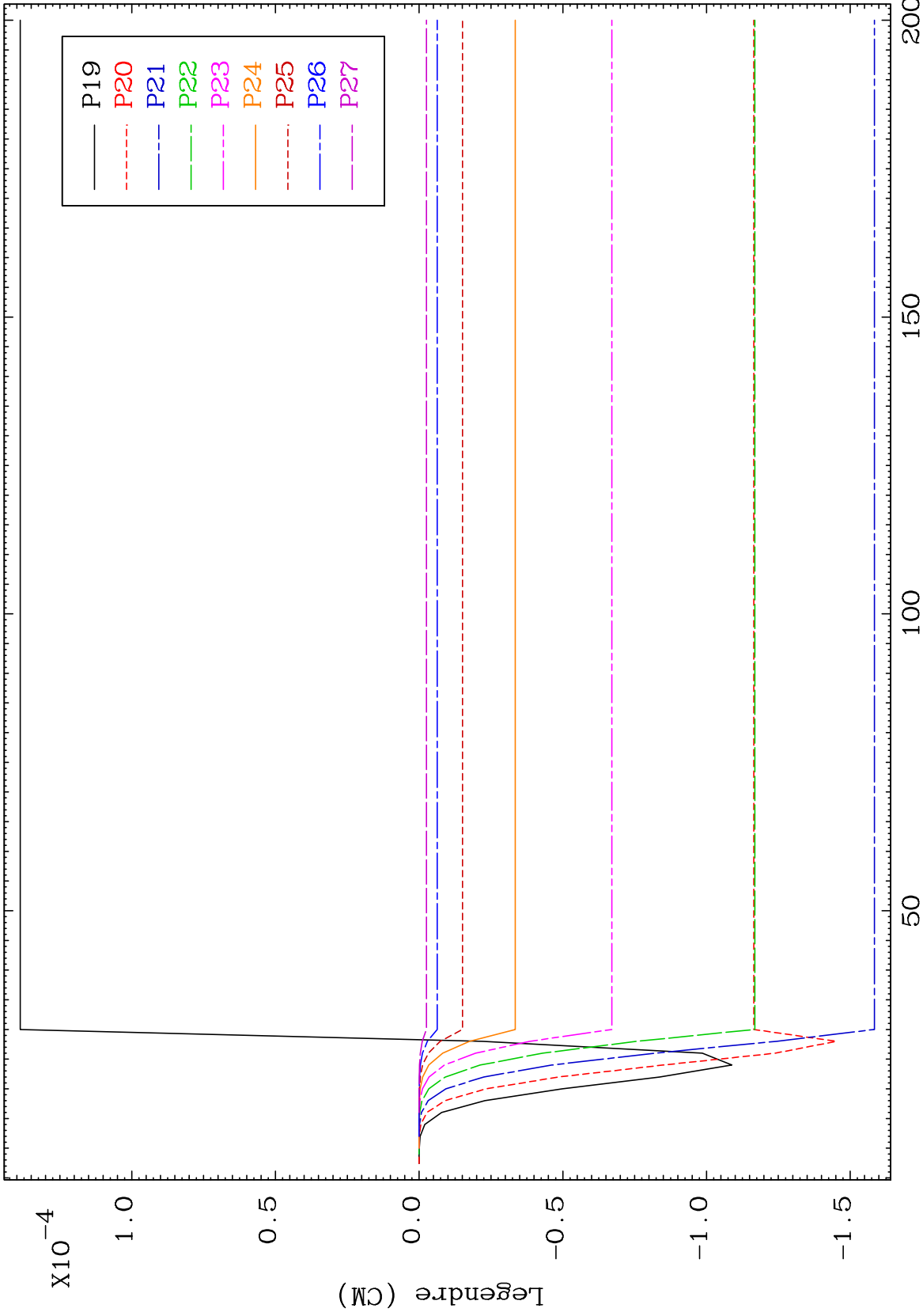
Incident Energy (MeV)

50

MAT 5807

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

58-Ce-130

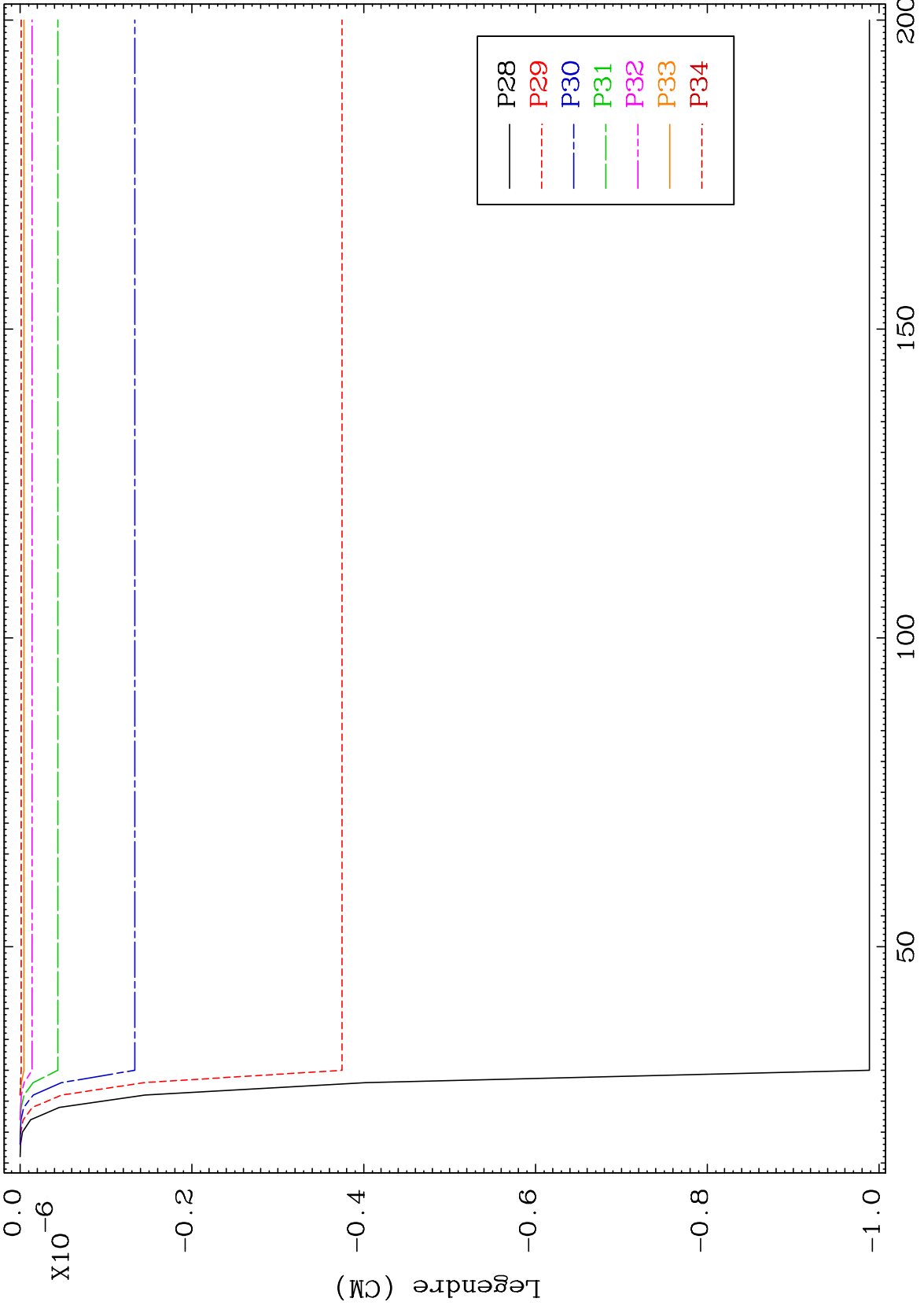


51

Incident Energy (MeV)

58-Ce-130

MAT 5807 MT= 59 (n,n') Level Legendre Coefficients 58-Ce-130

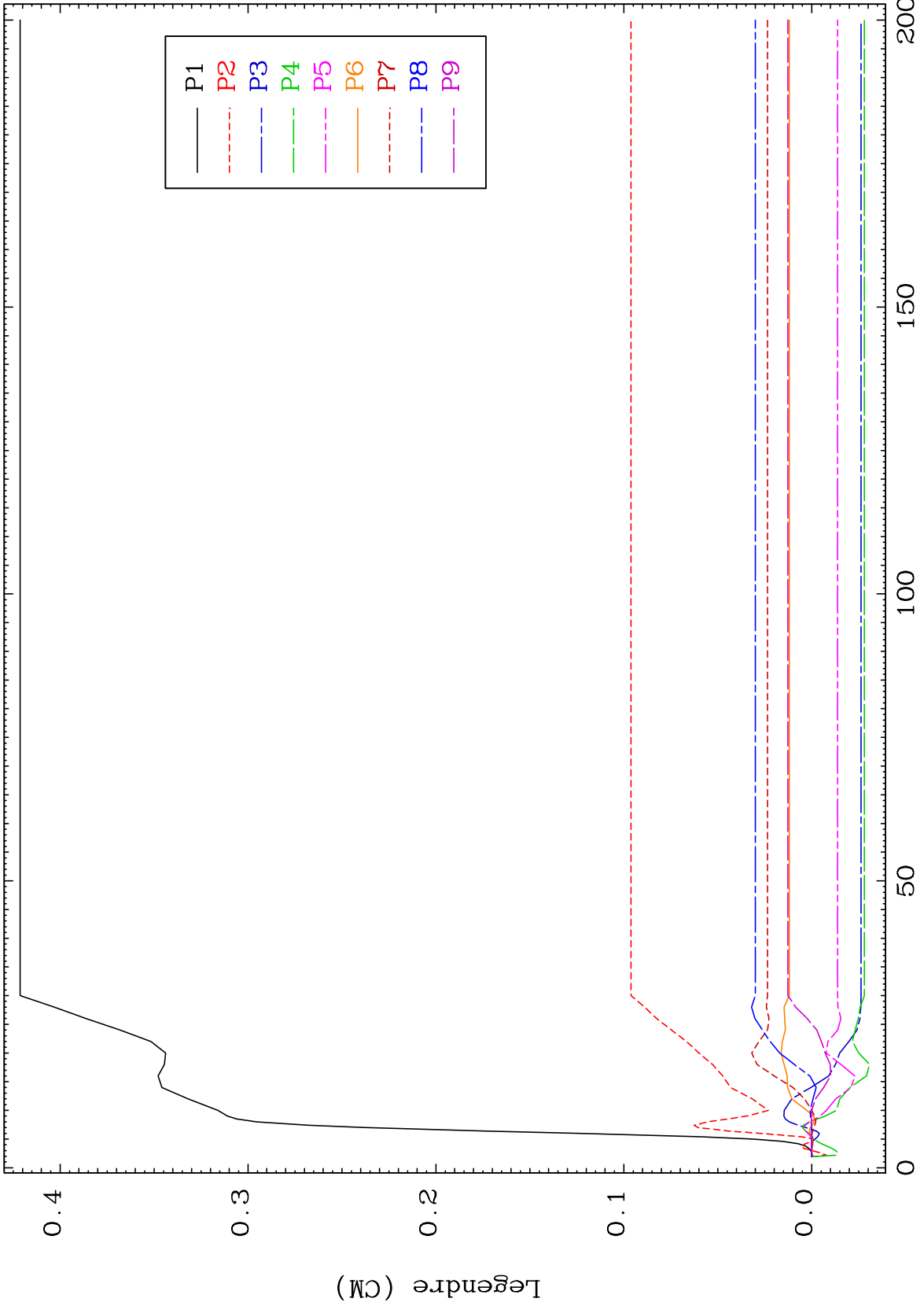


52 58-Ce-130

MAT 5807

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

58-Ce-130

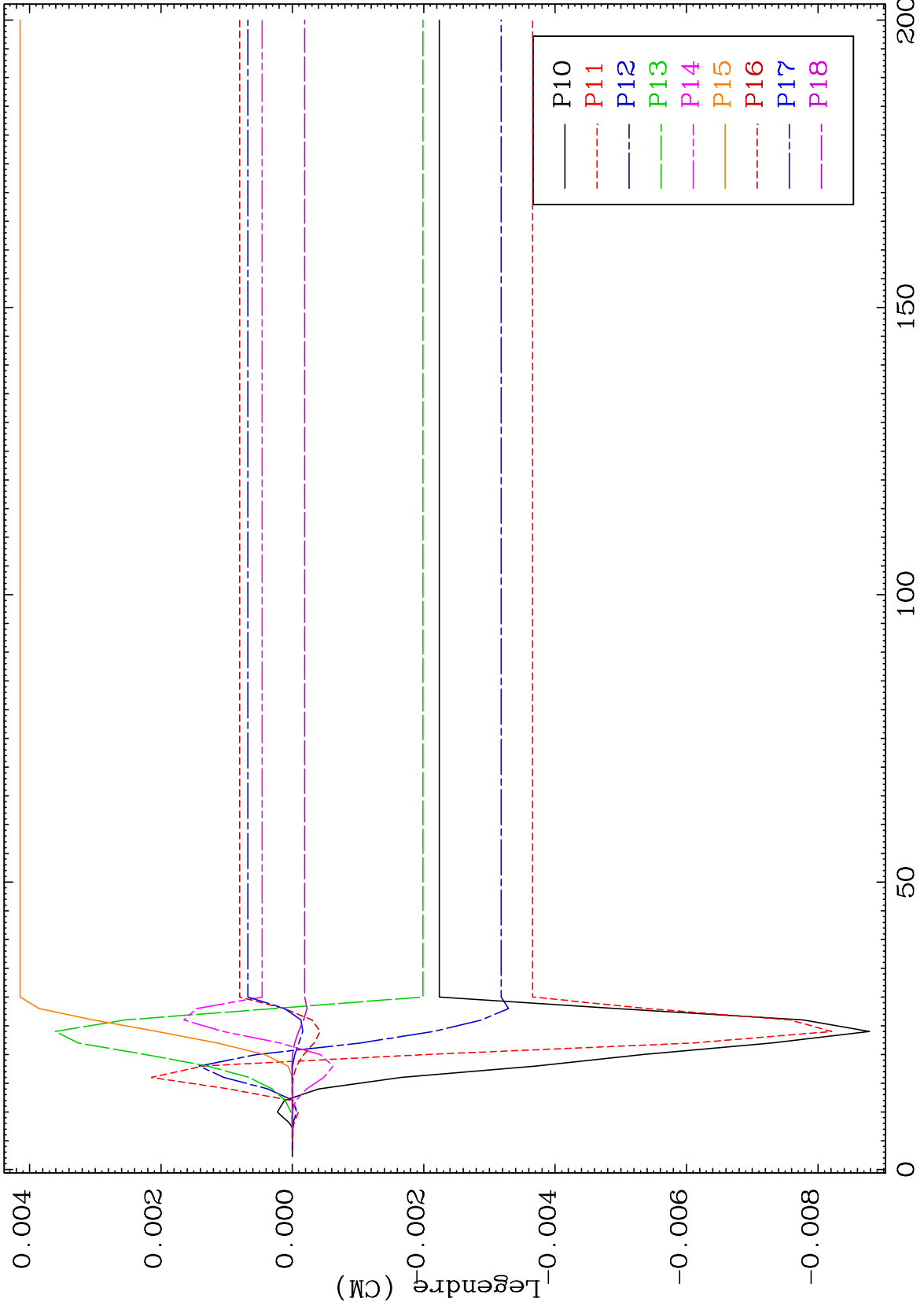


53

Incident Energy (MeV)

58-Ce-130

MAT 5807 MT= 60 (n,n') Level Legendre Coefficients 58-Ce-130

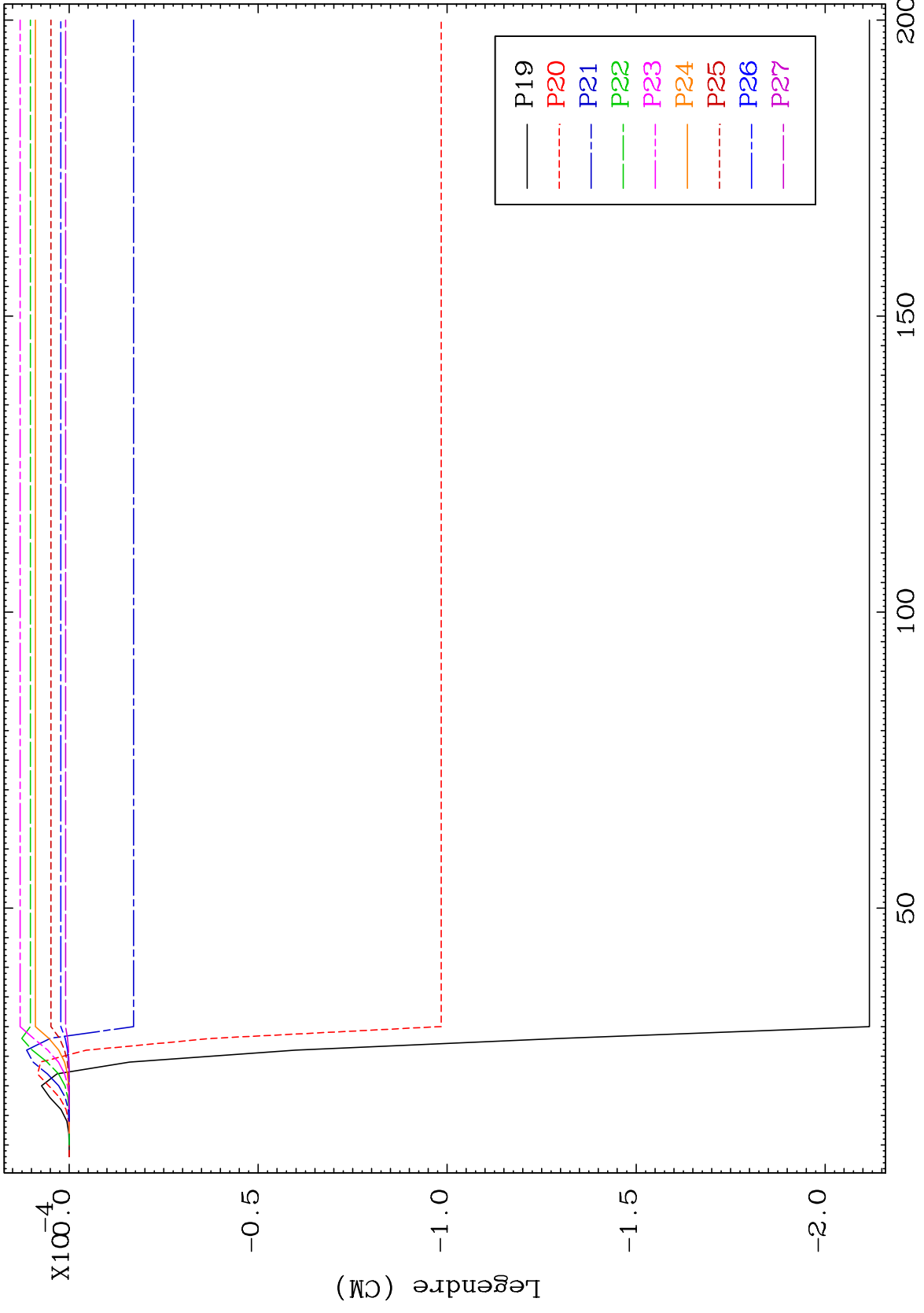


54 58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

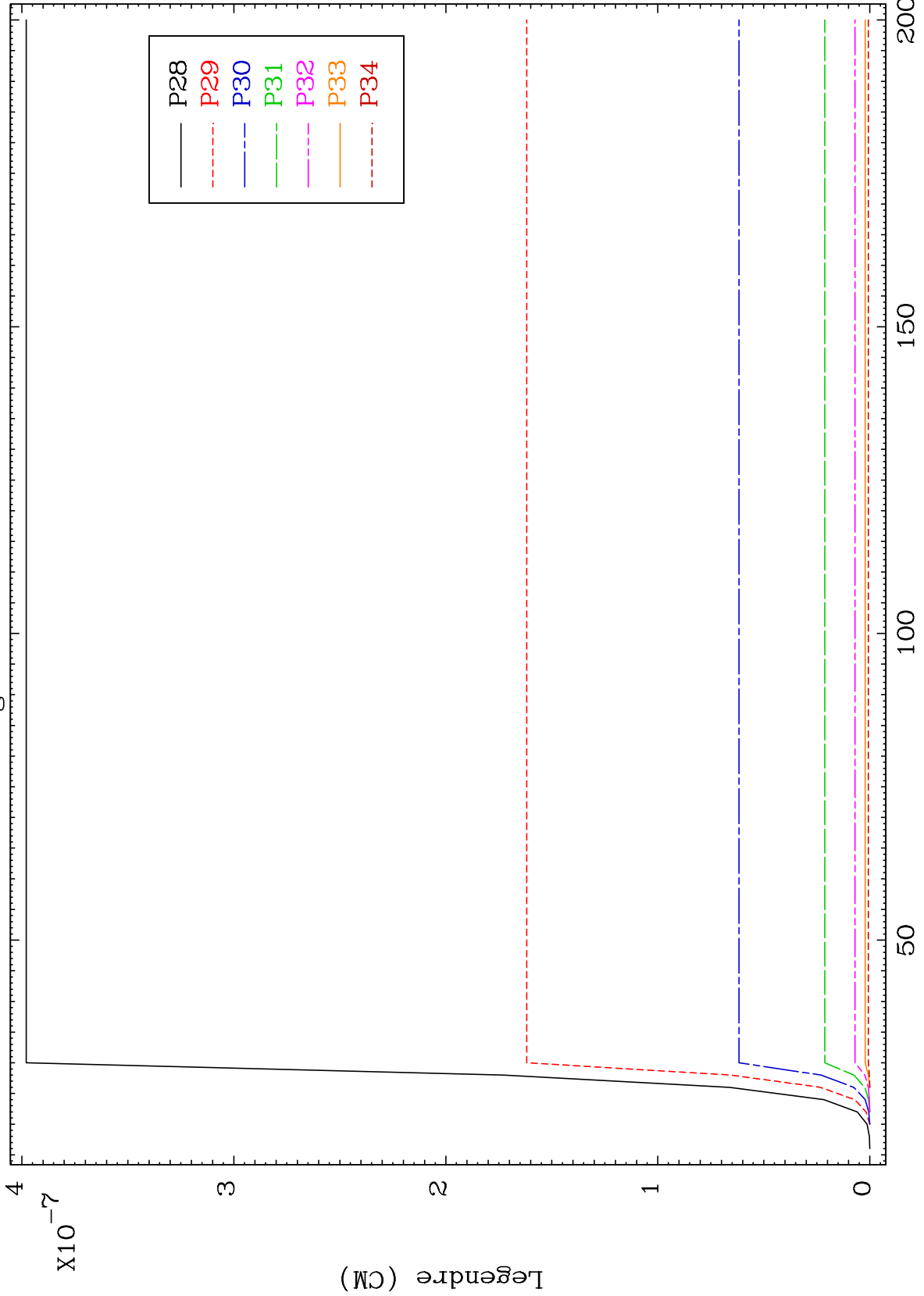
Incident Energy (MeV)

55

MAT 5807

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

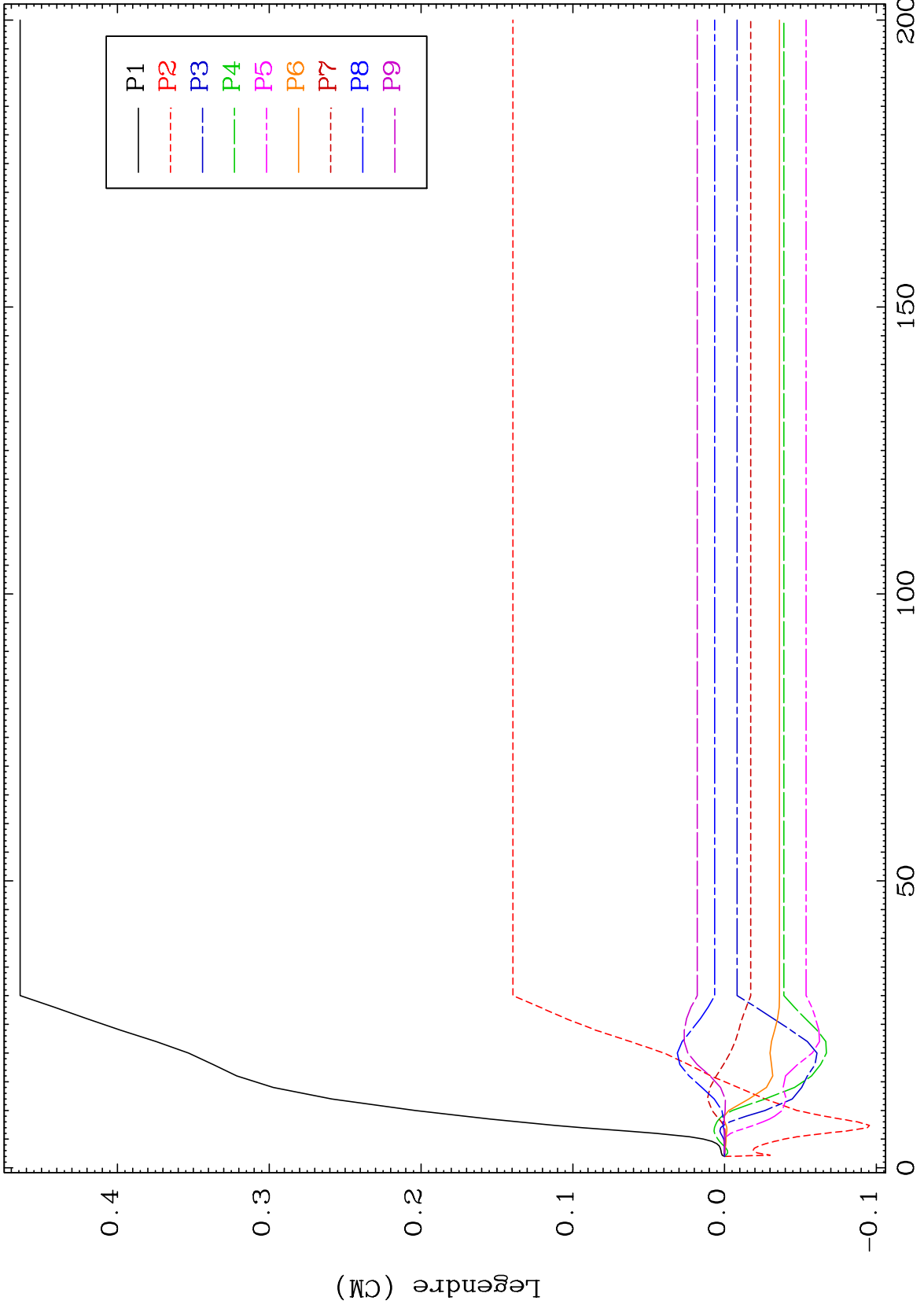
58-Ce-130



MAT 5807

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

58-Ce-130



57

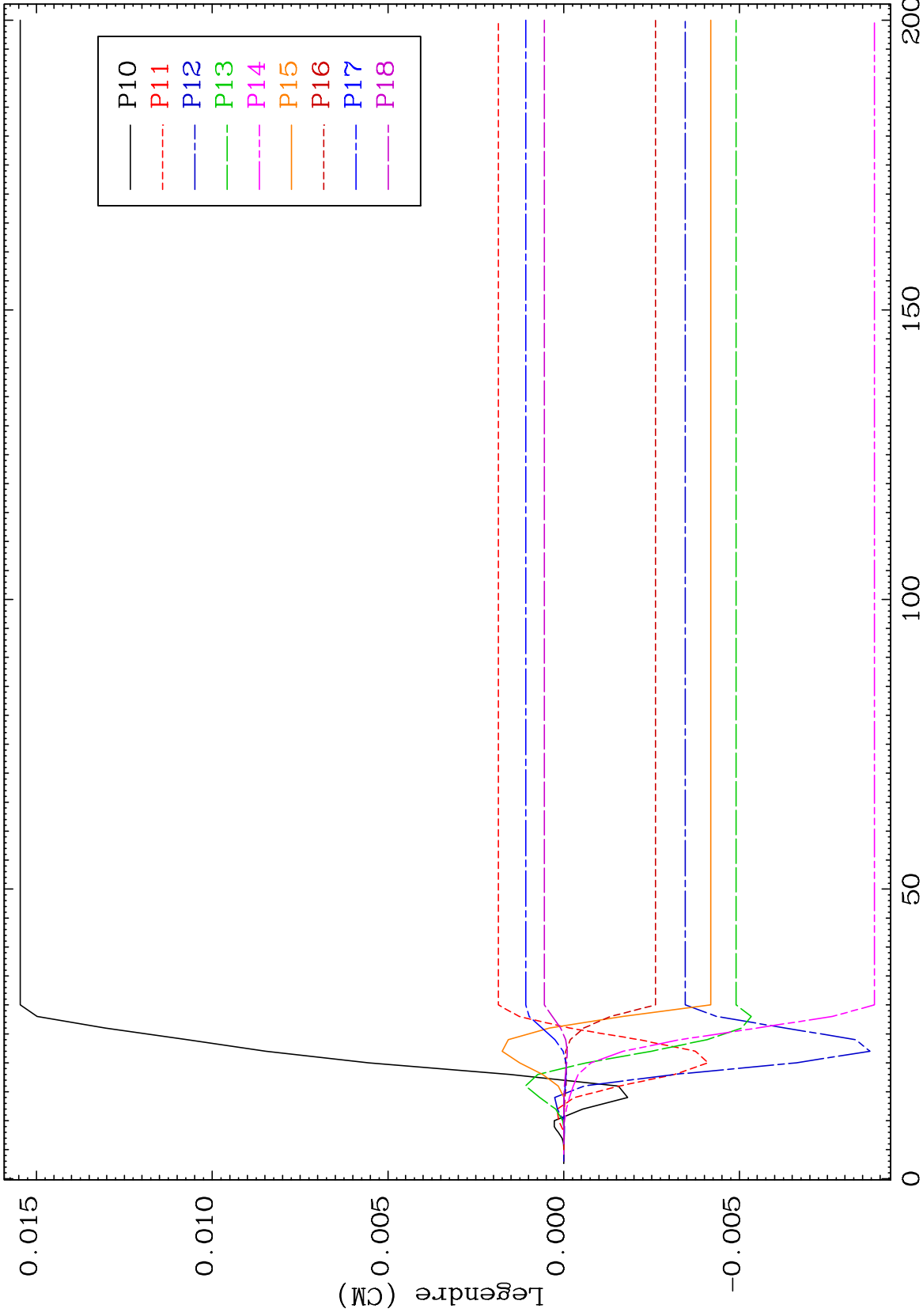
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58

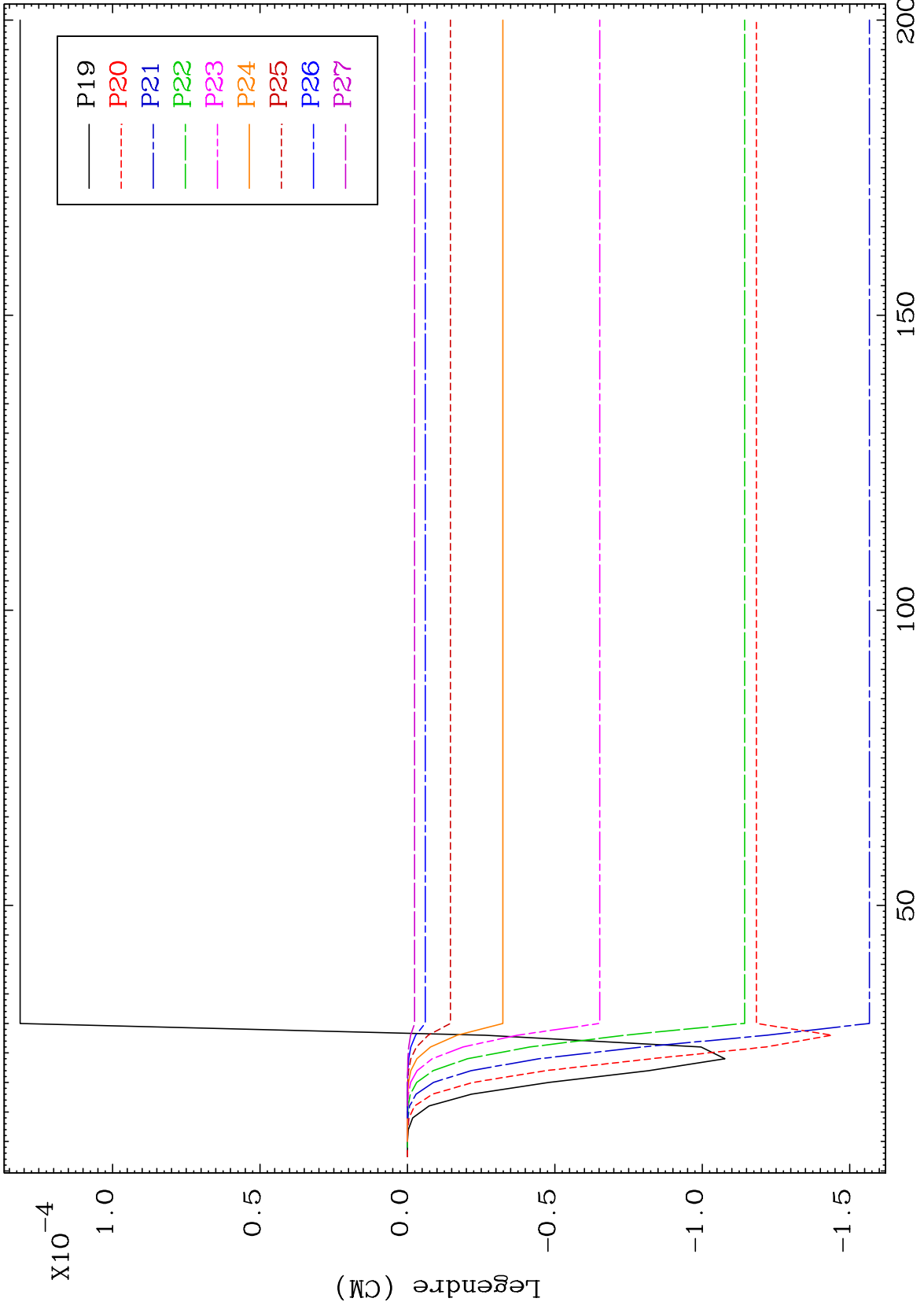
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



59

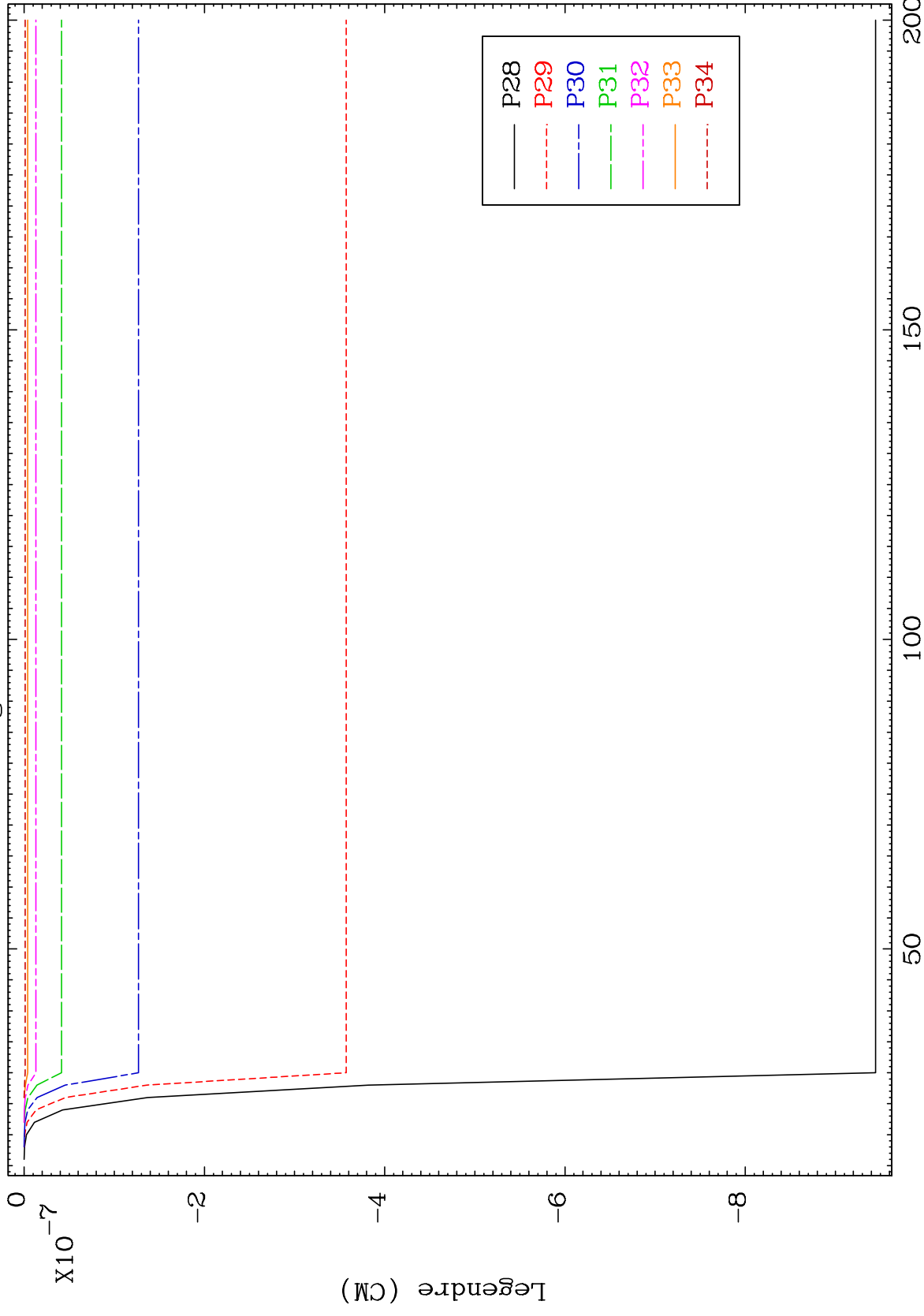
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

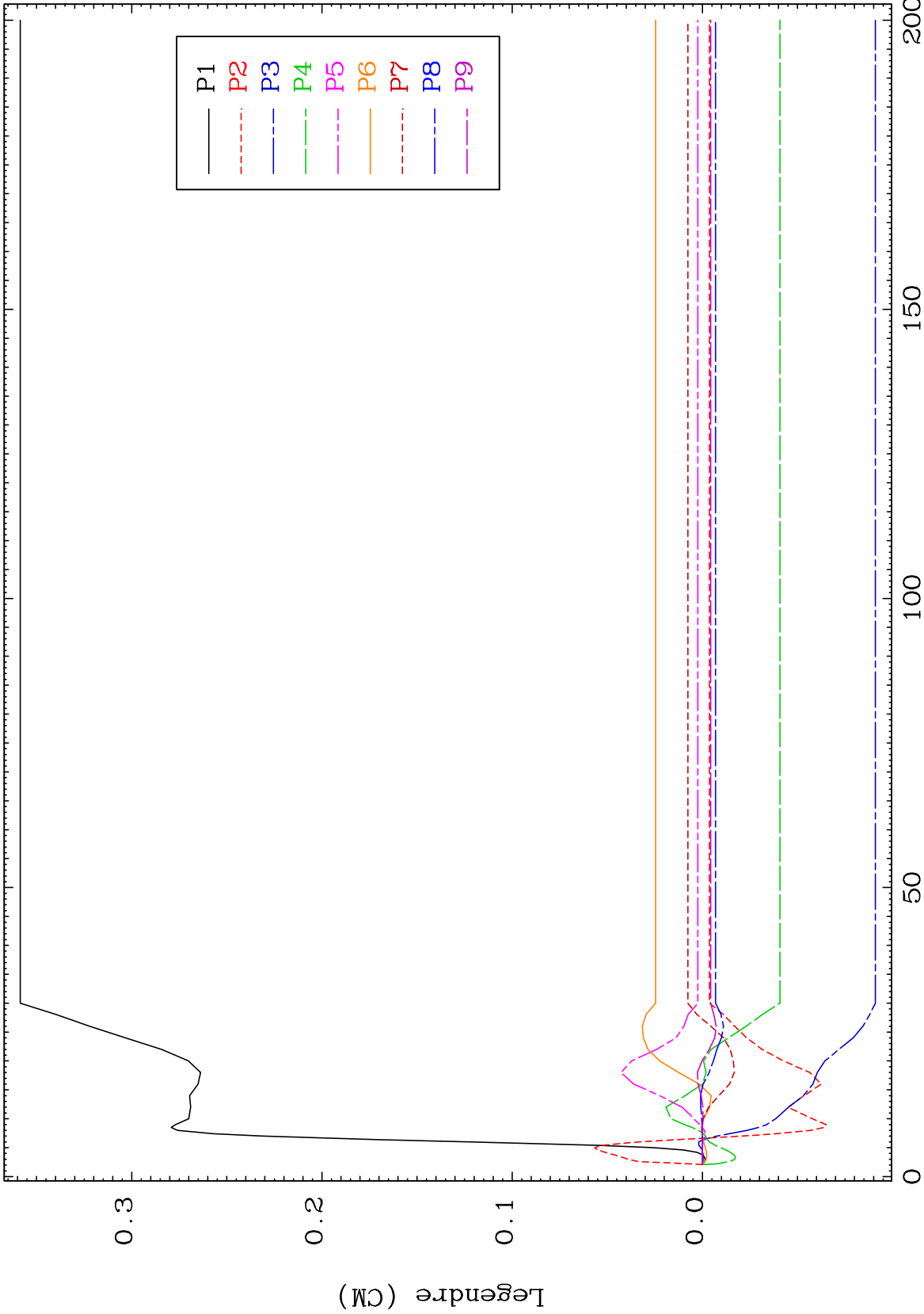
Incident Energy (MeV)

60

MAT 5807

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

58-Ce-130



61

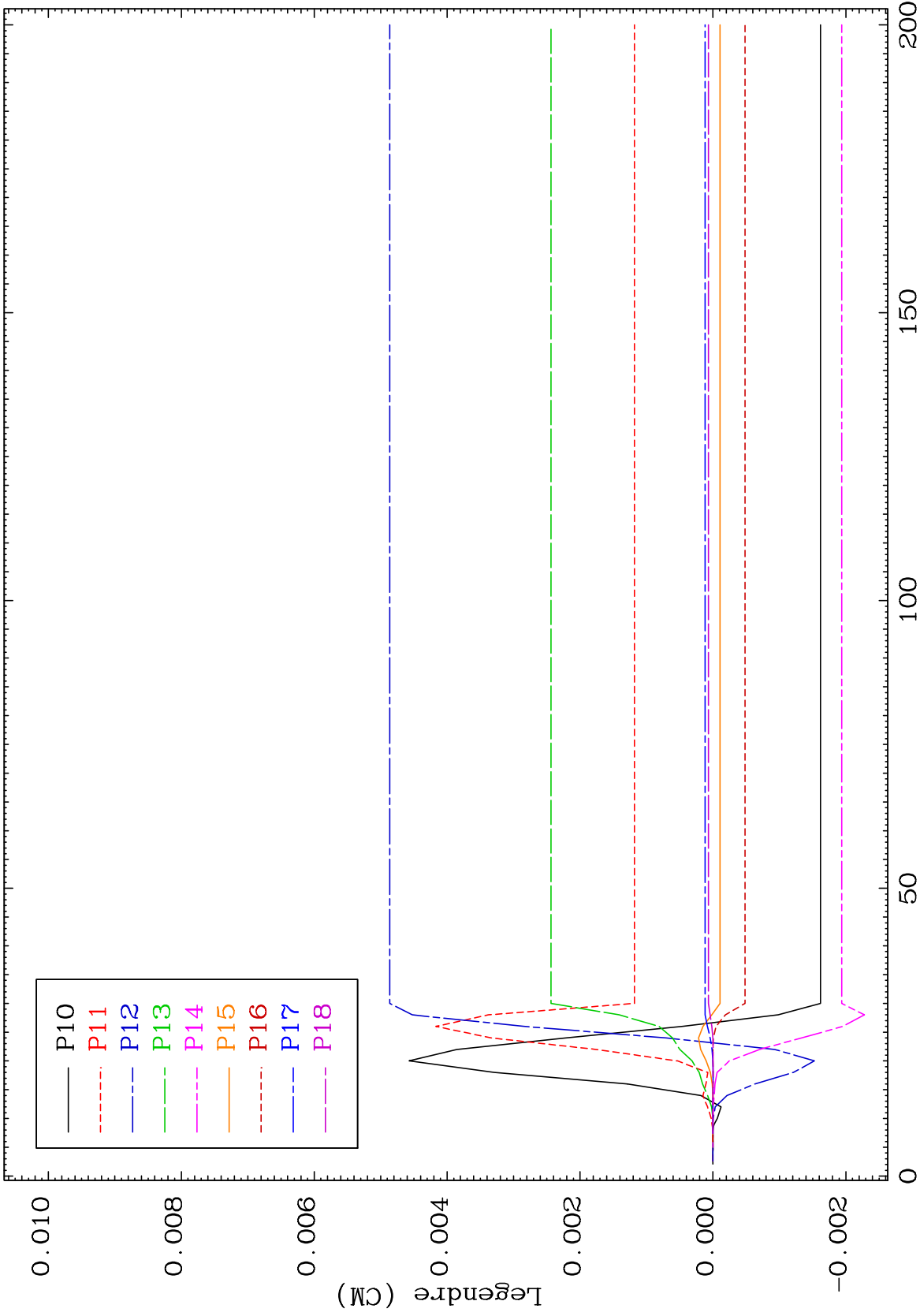
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



62

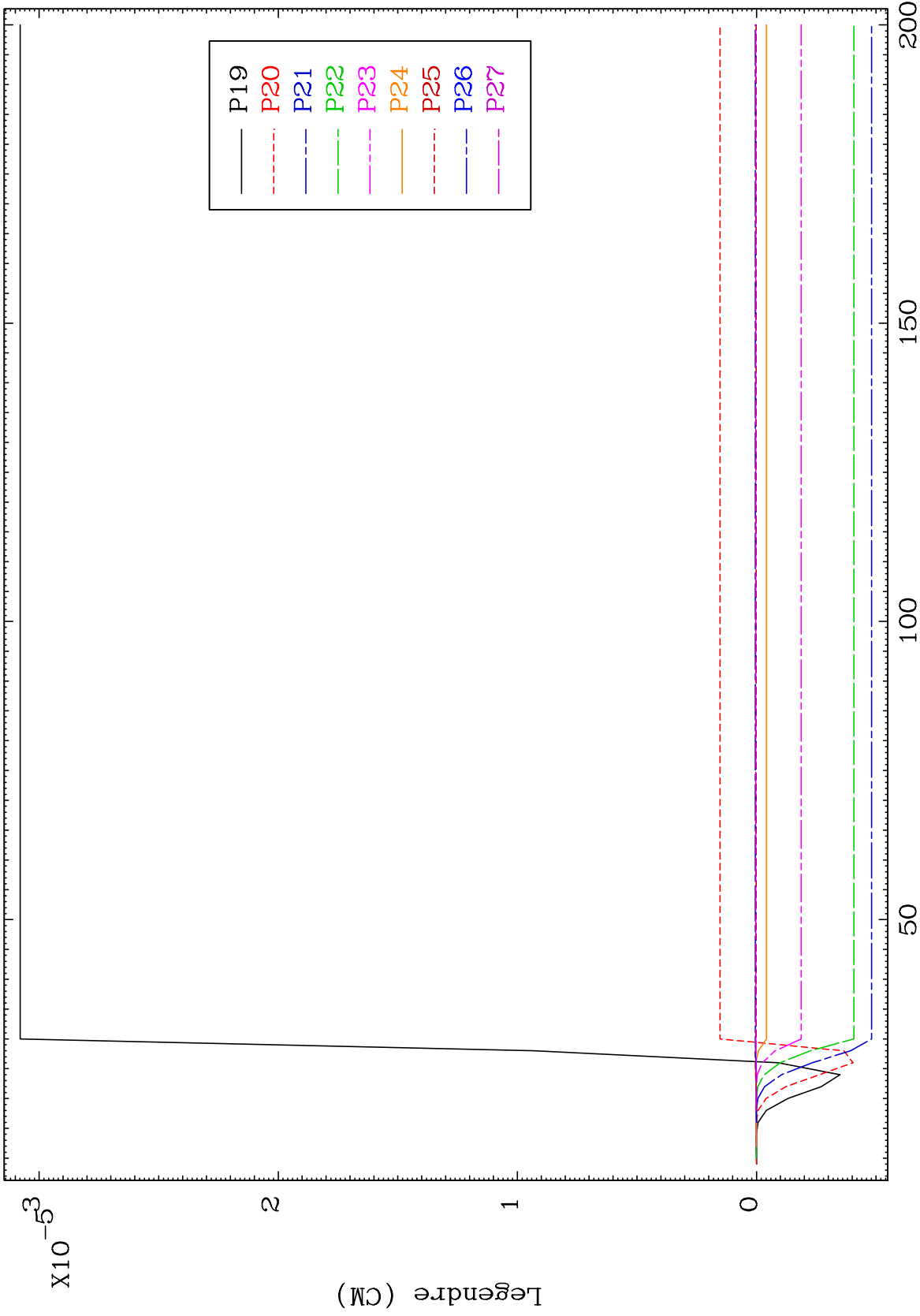
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



63

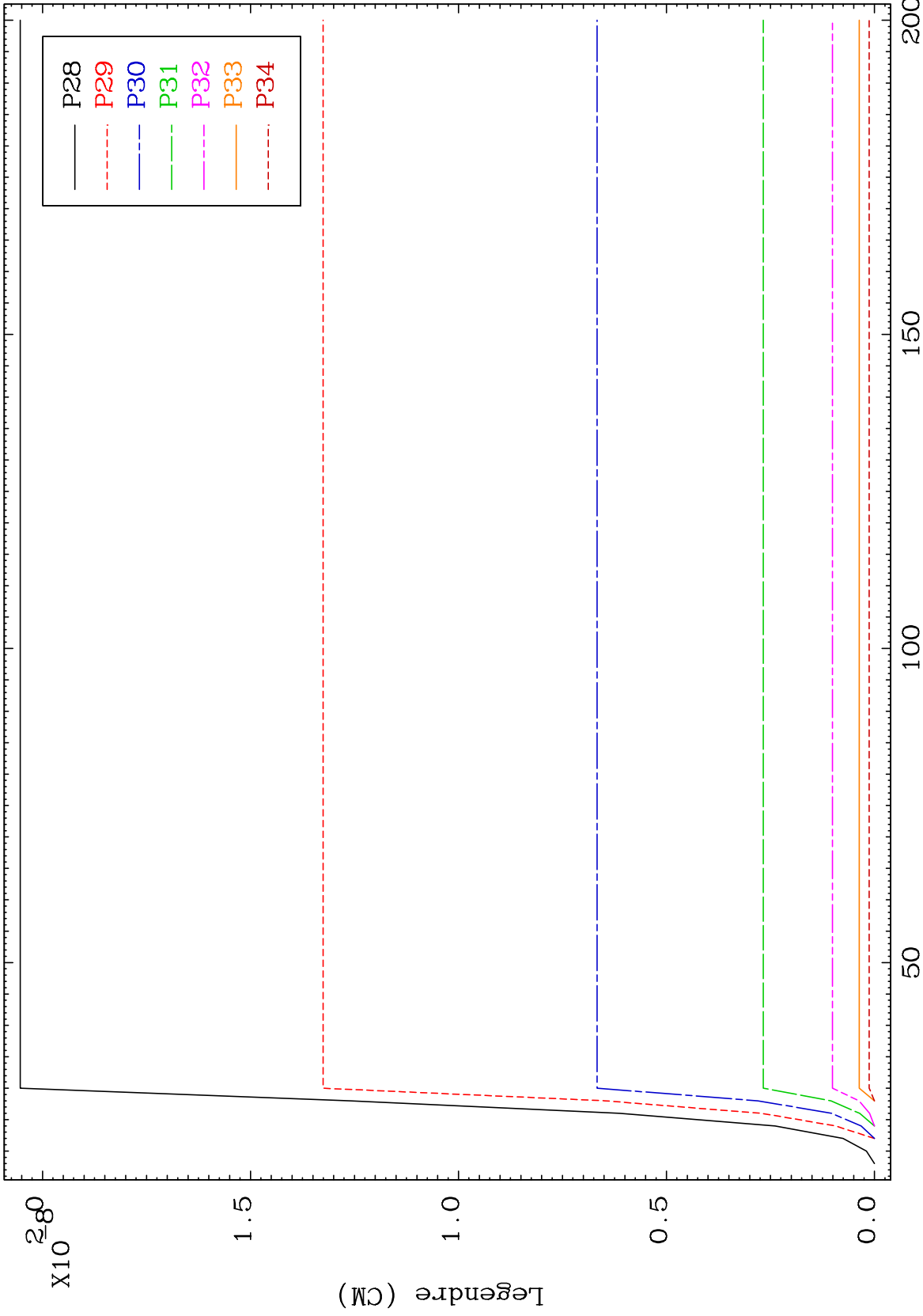
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



64

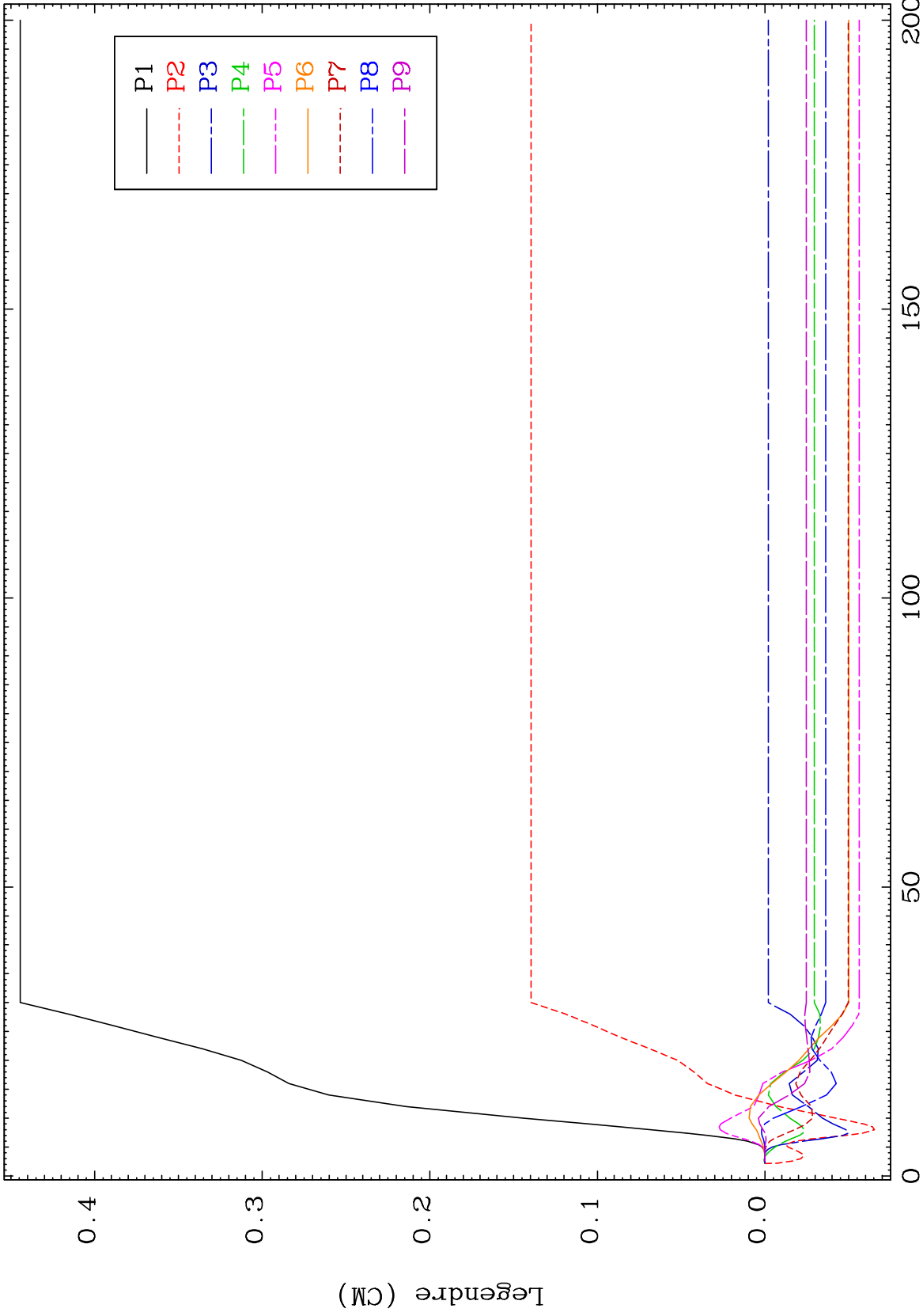
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



65

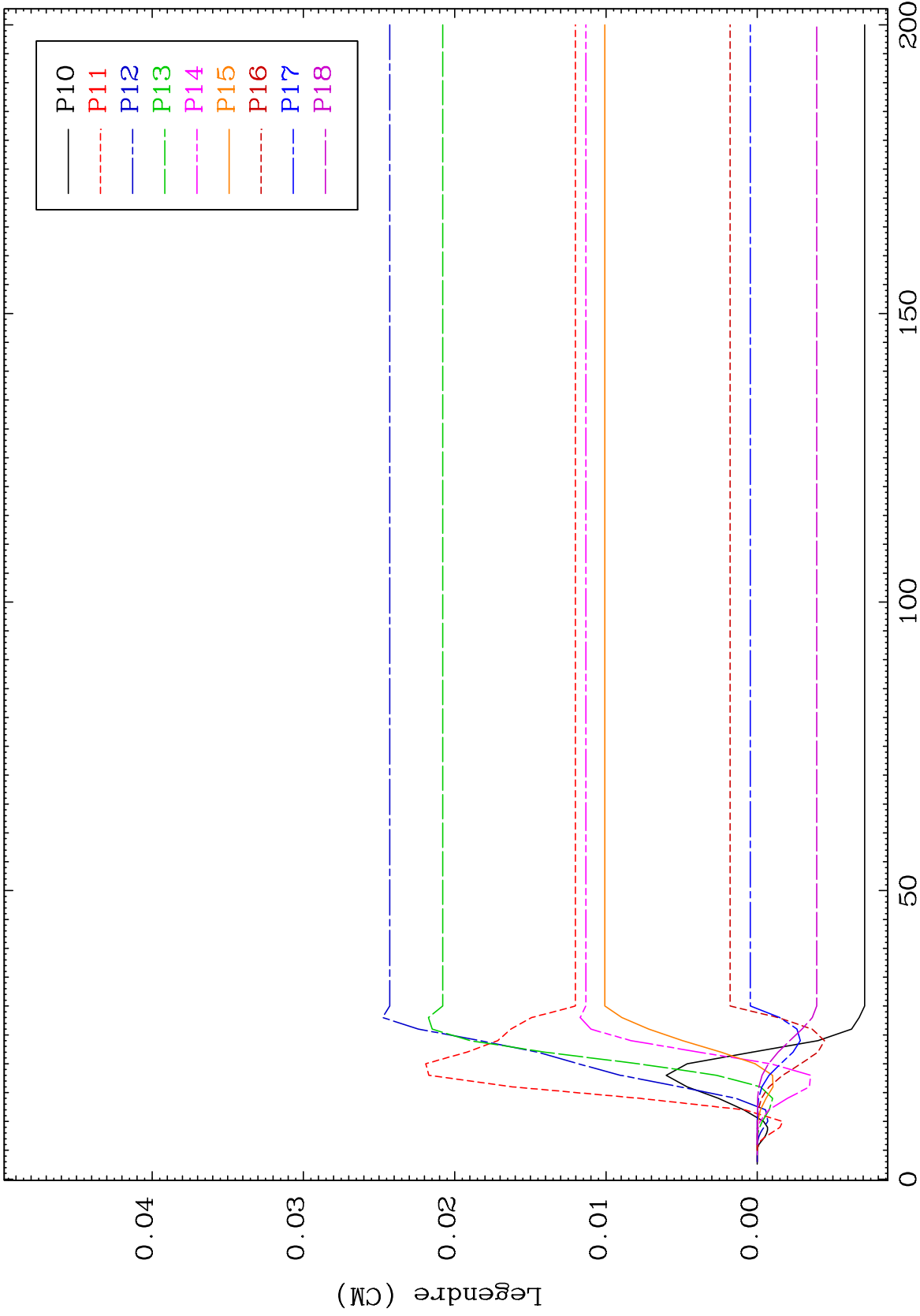
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



66

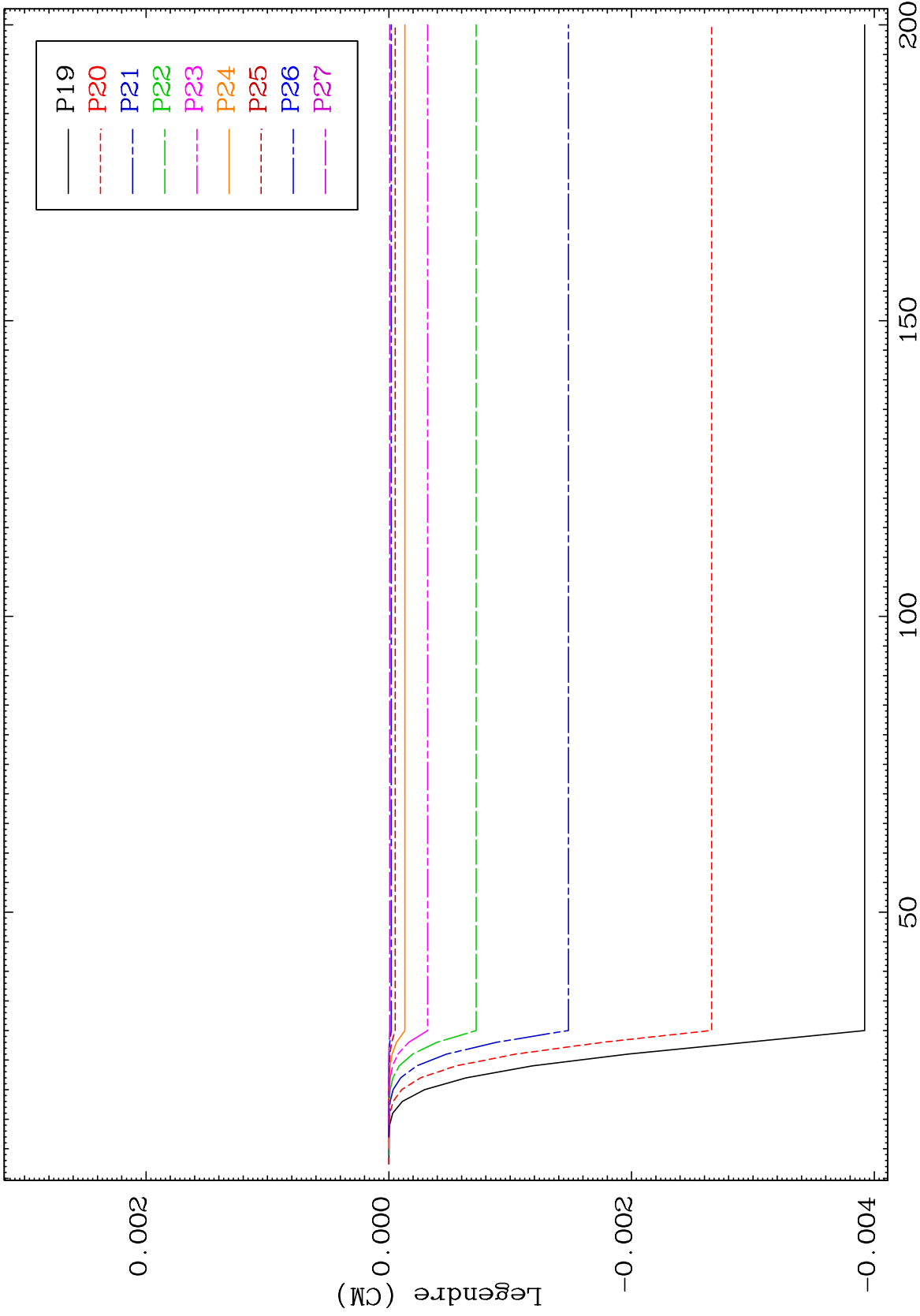
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

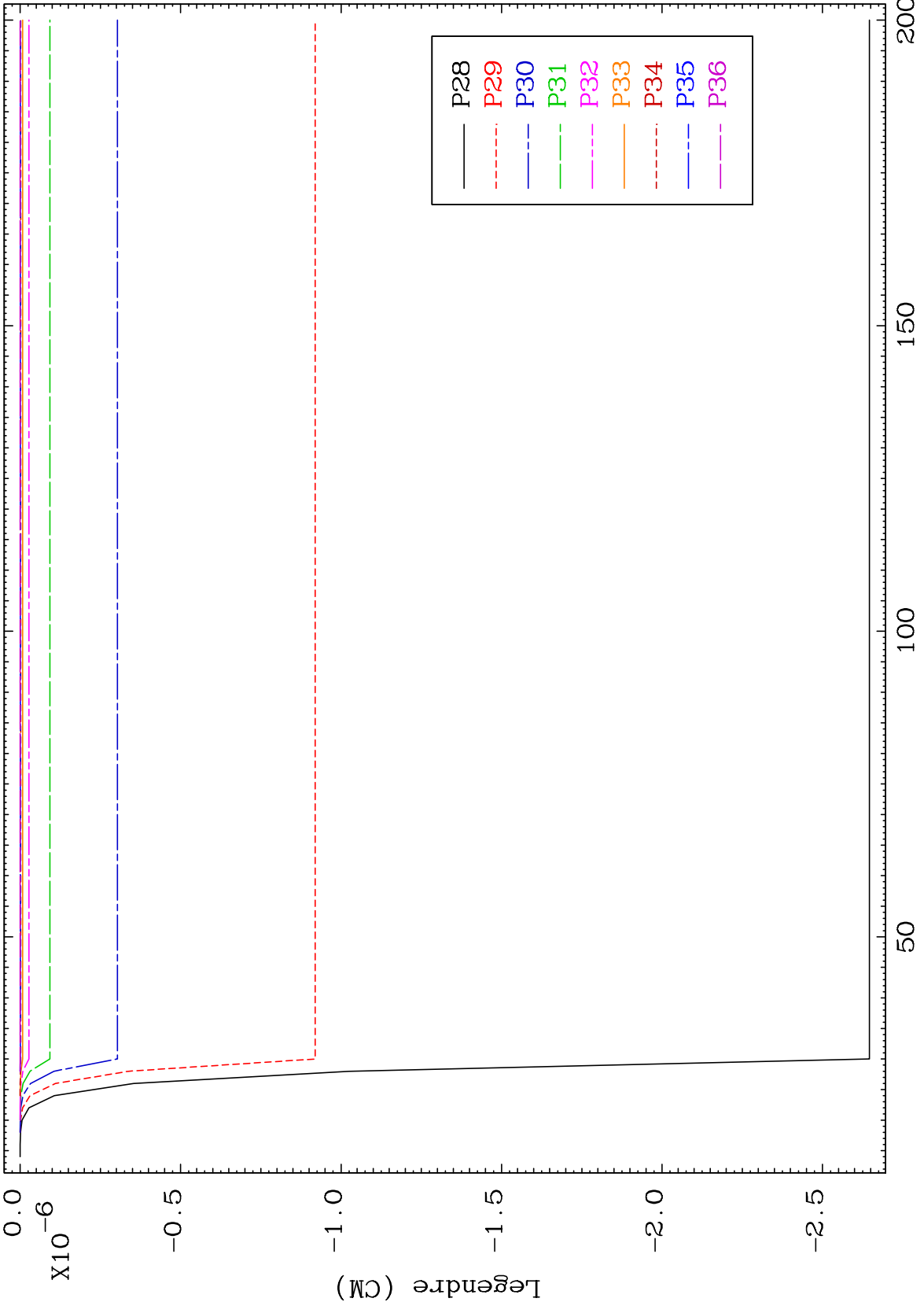


67

Incident Energy (MeV)

58-Ce-130

MAT 5807 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-130

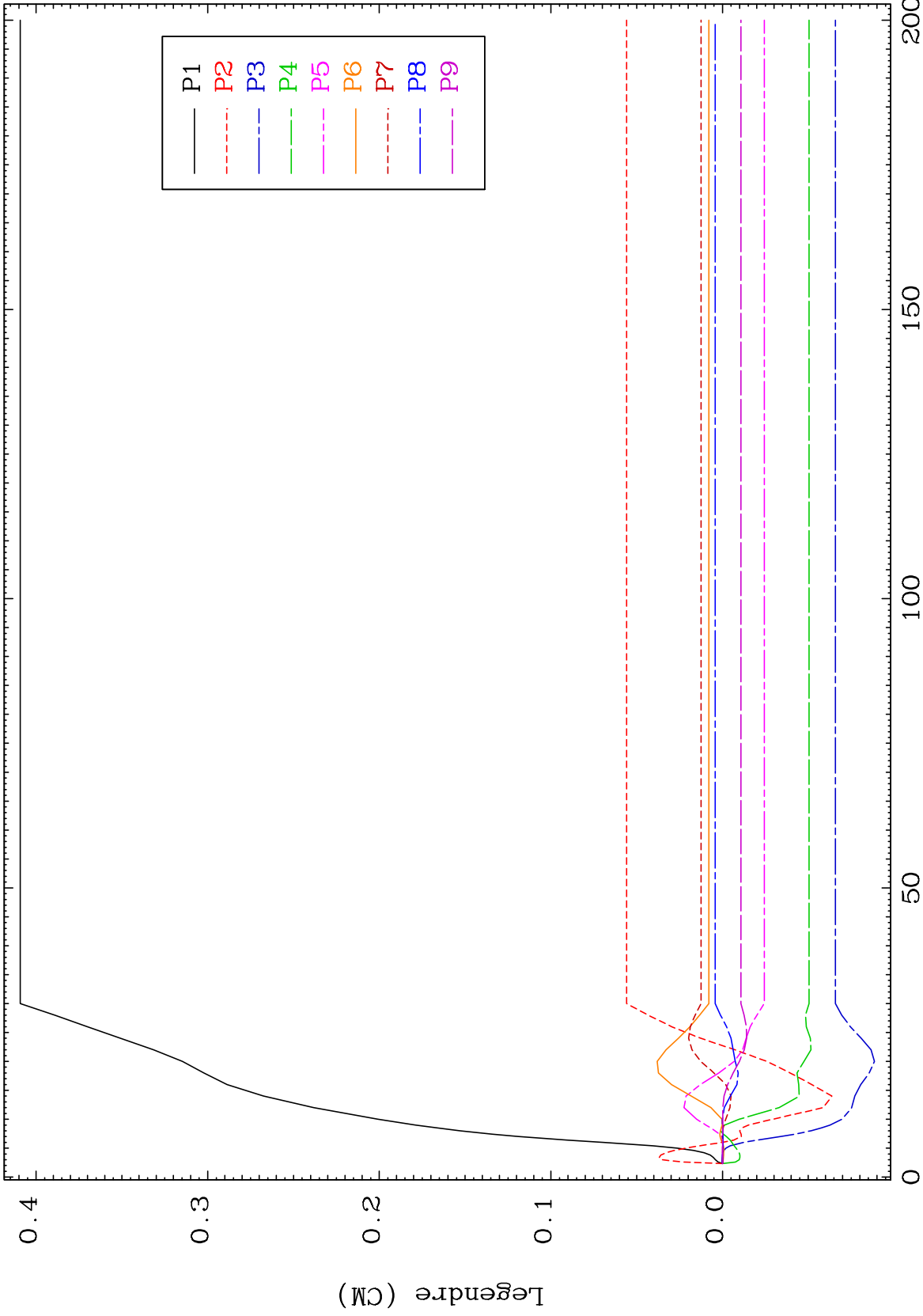


68 58-Ce-130

MAT 5807

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

58-Ce-130



69

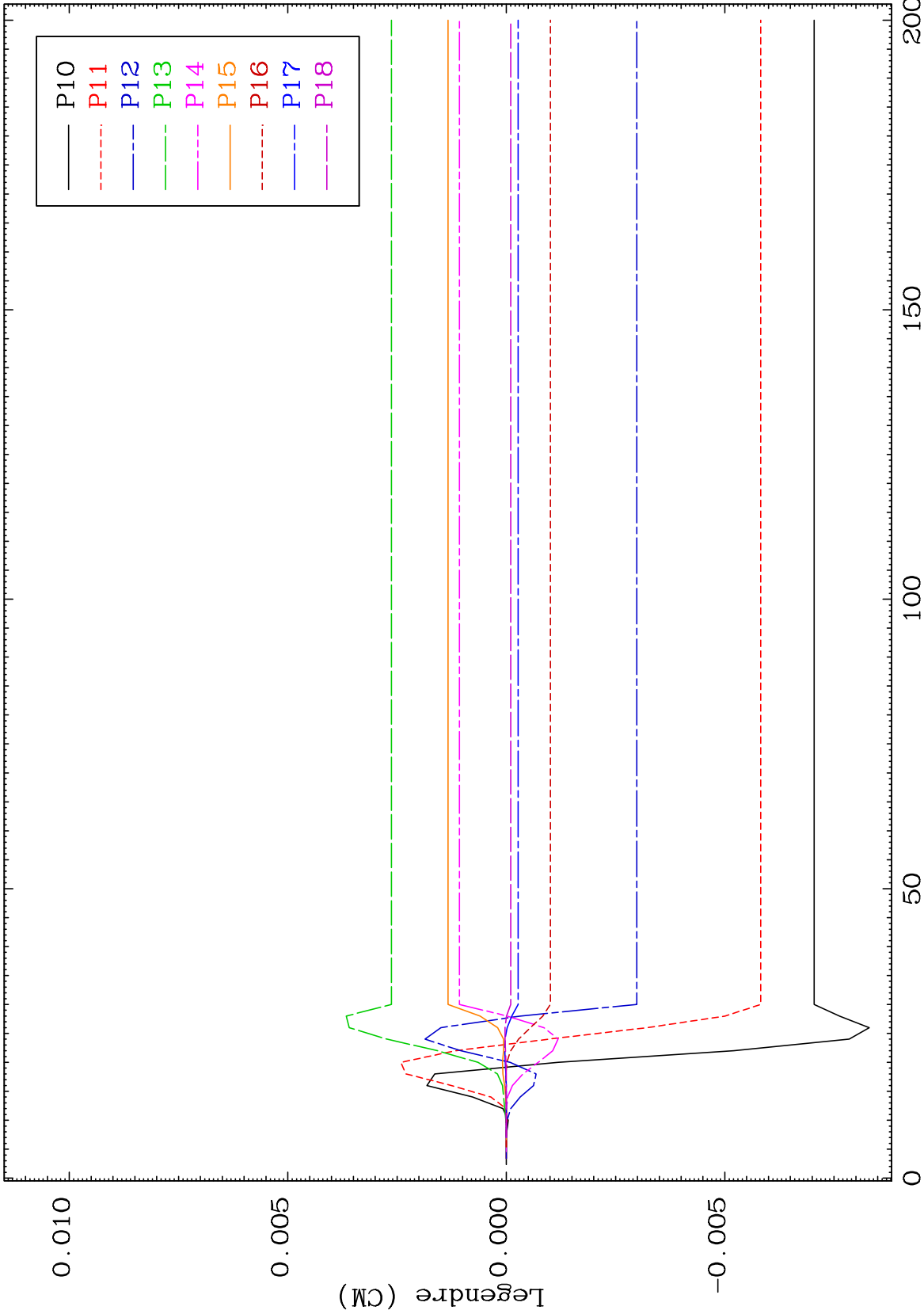
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



70

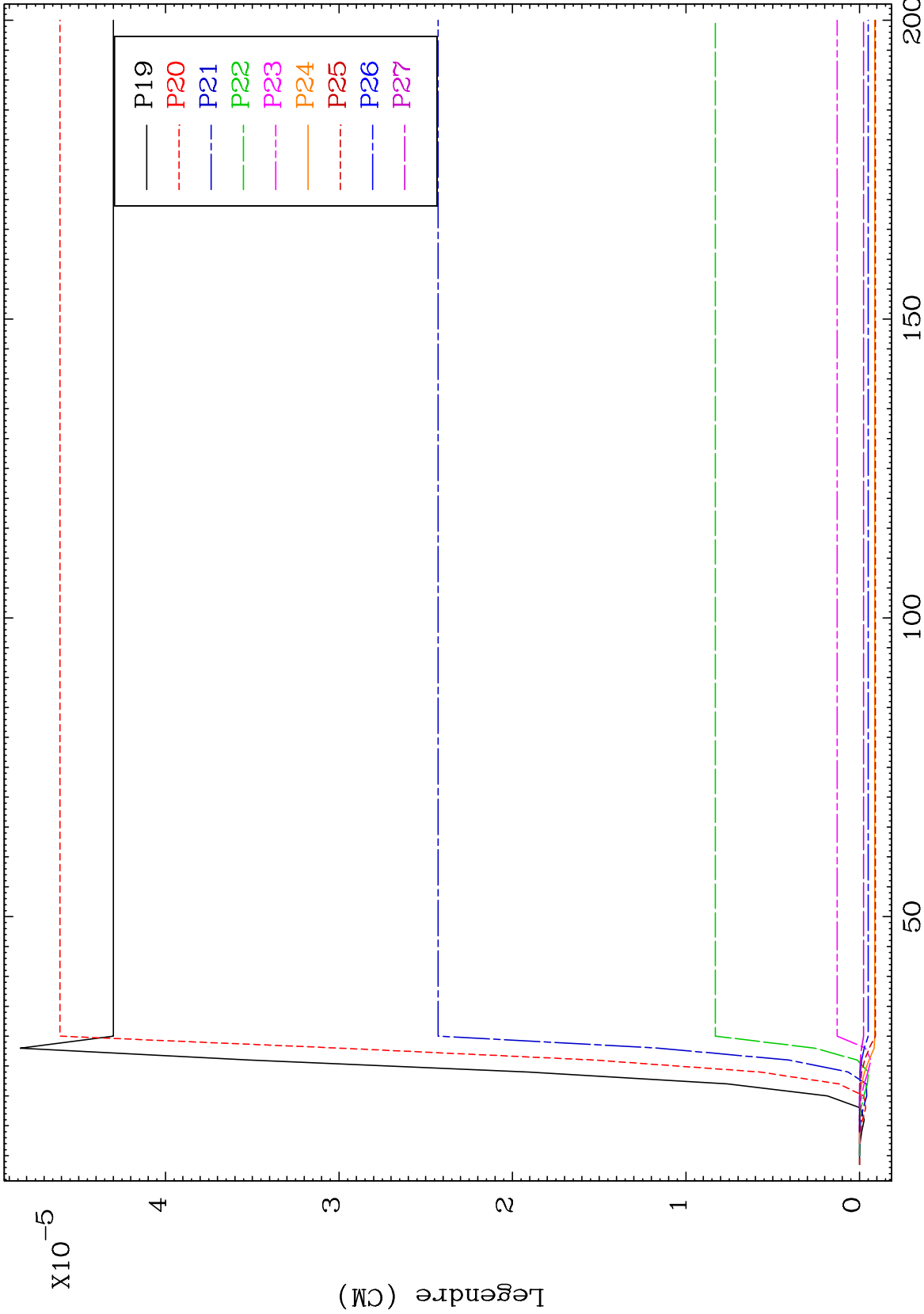
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



71

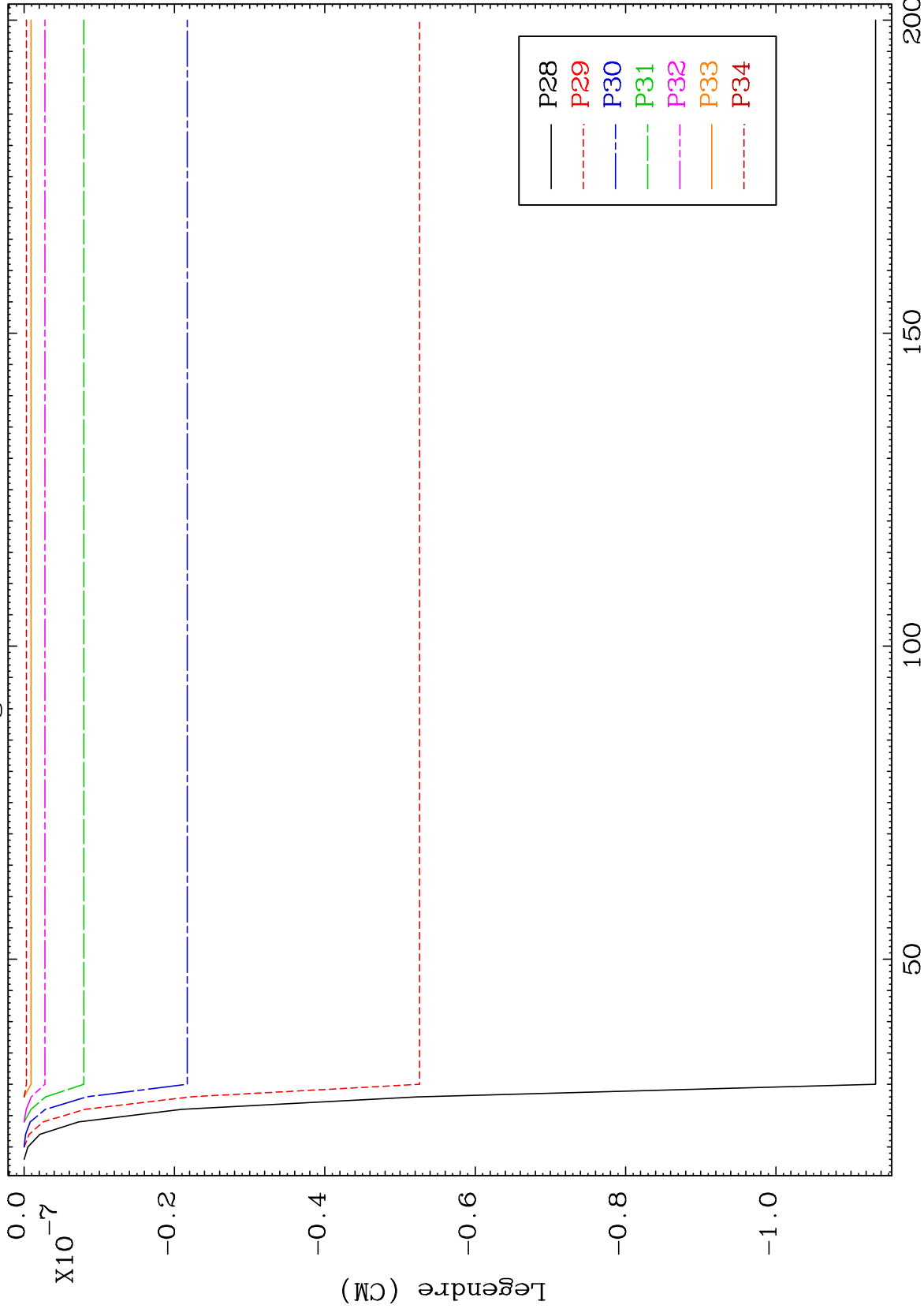
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

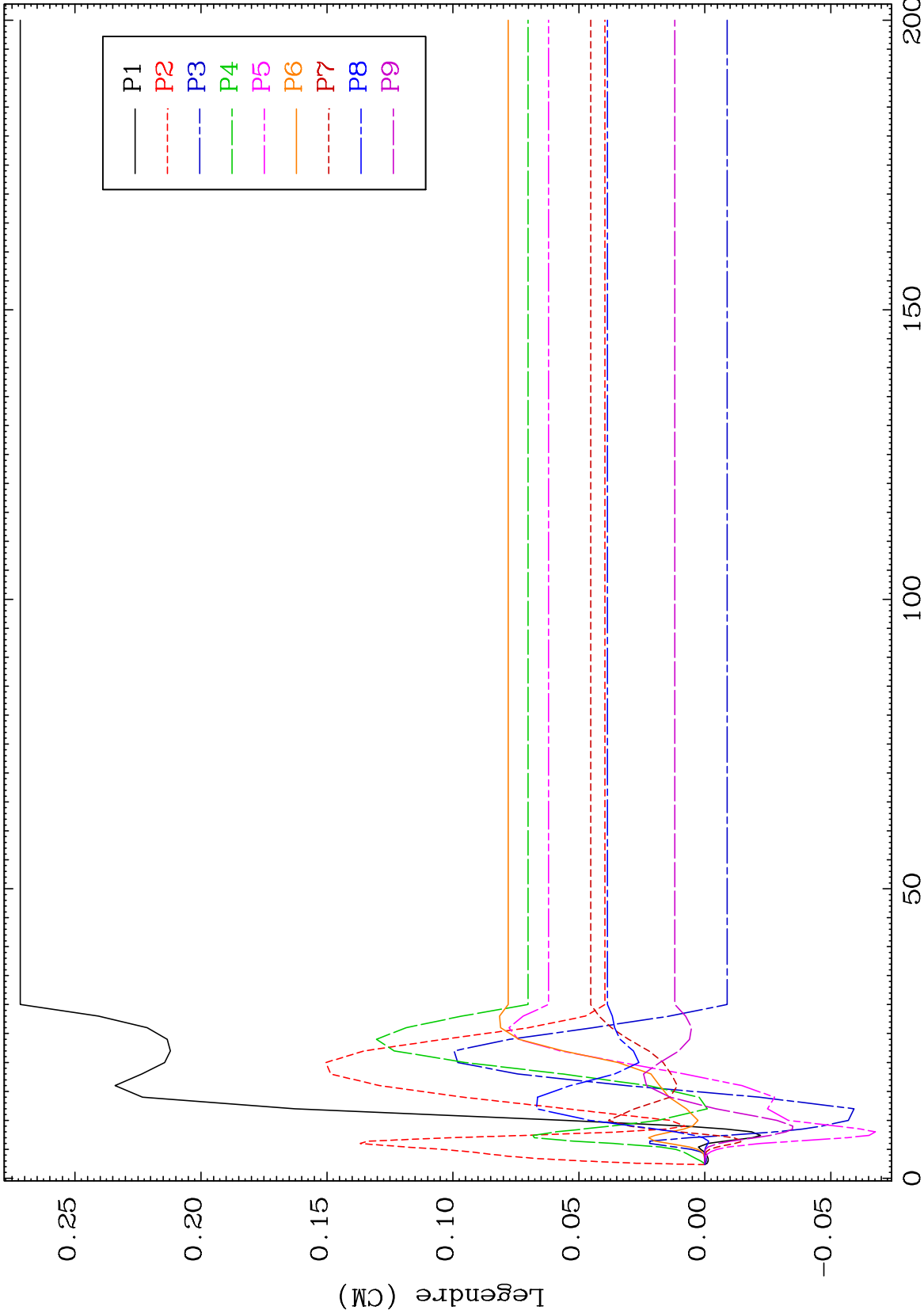
Incident Energy (MeV)

72

MAT 5807

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

58-Ce-130



73

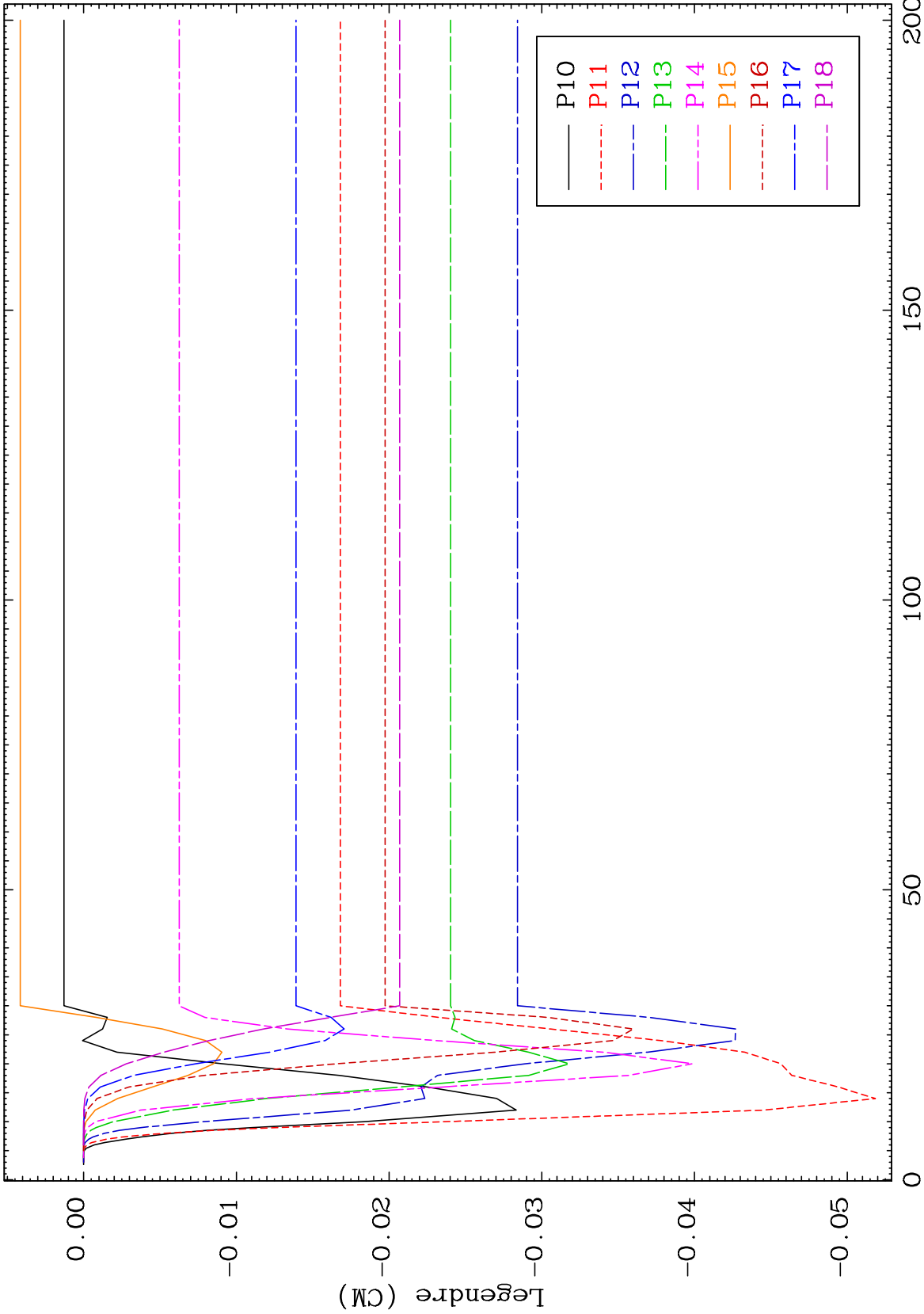
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

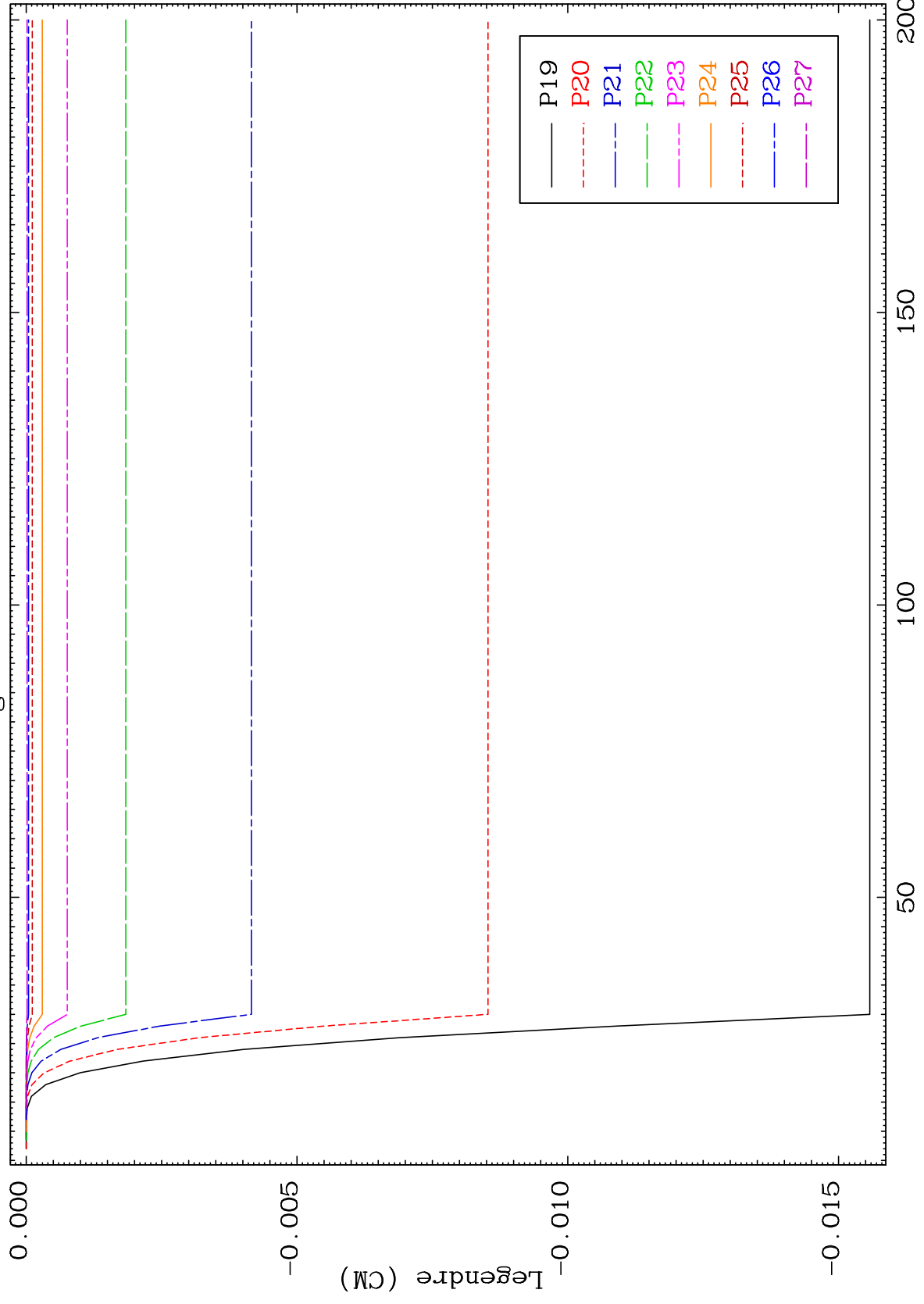


74

Incident Energy (MeV)

58-Ce-130

MAT 5807 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-130

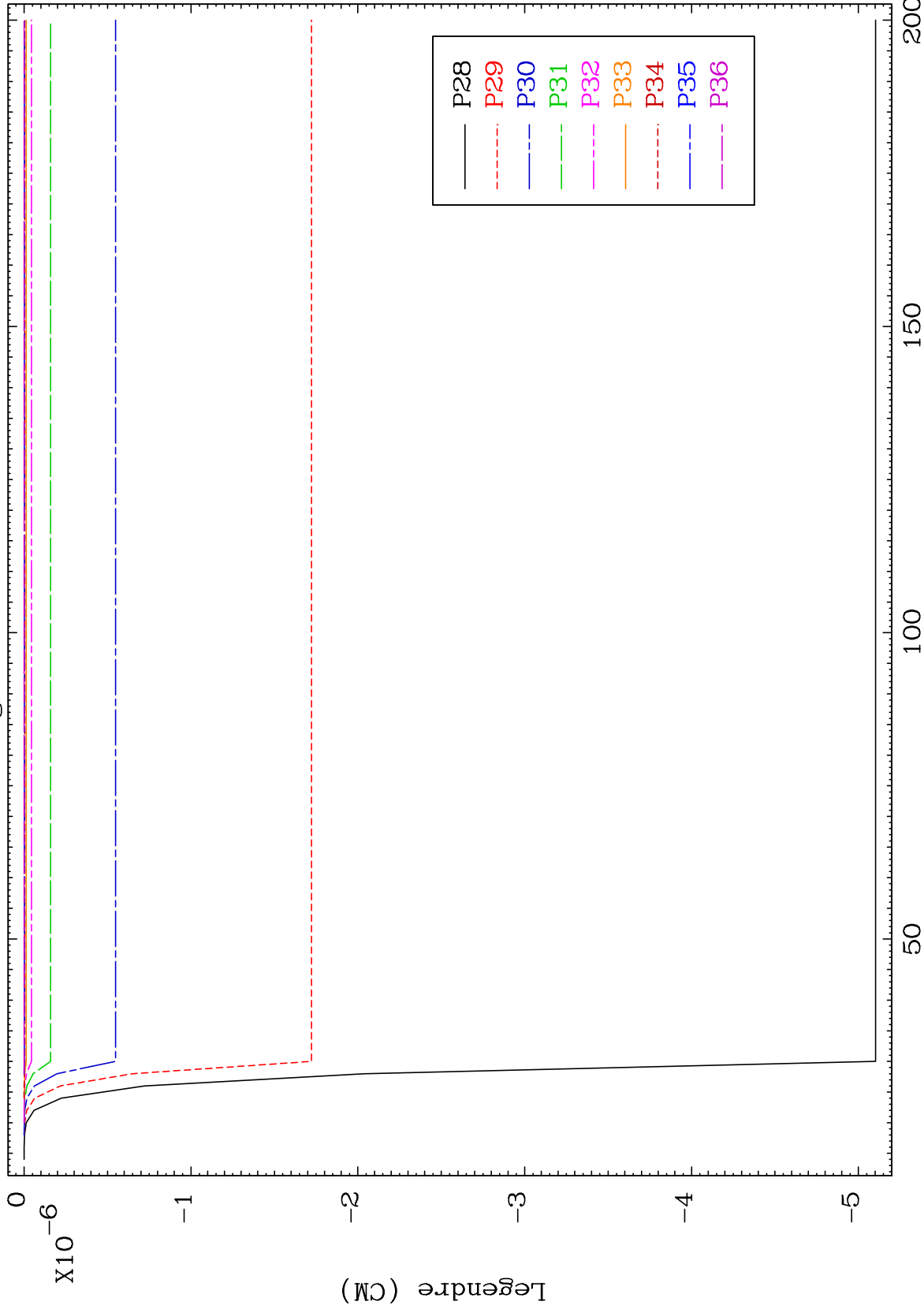


75 Incident Energy (MeV) 58-Ce-130

MAT 5807

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

58-Ce-130



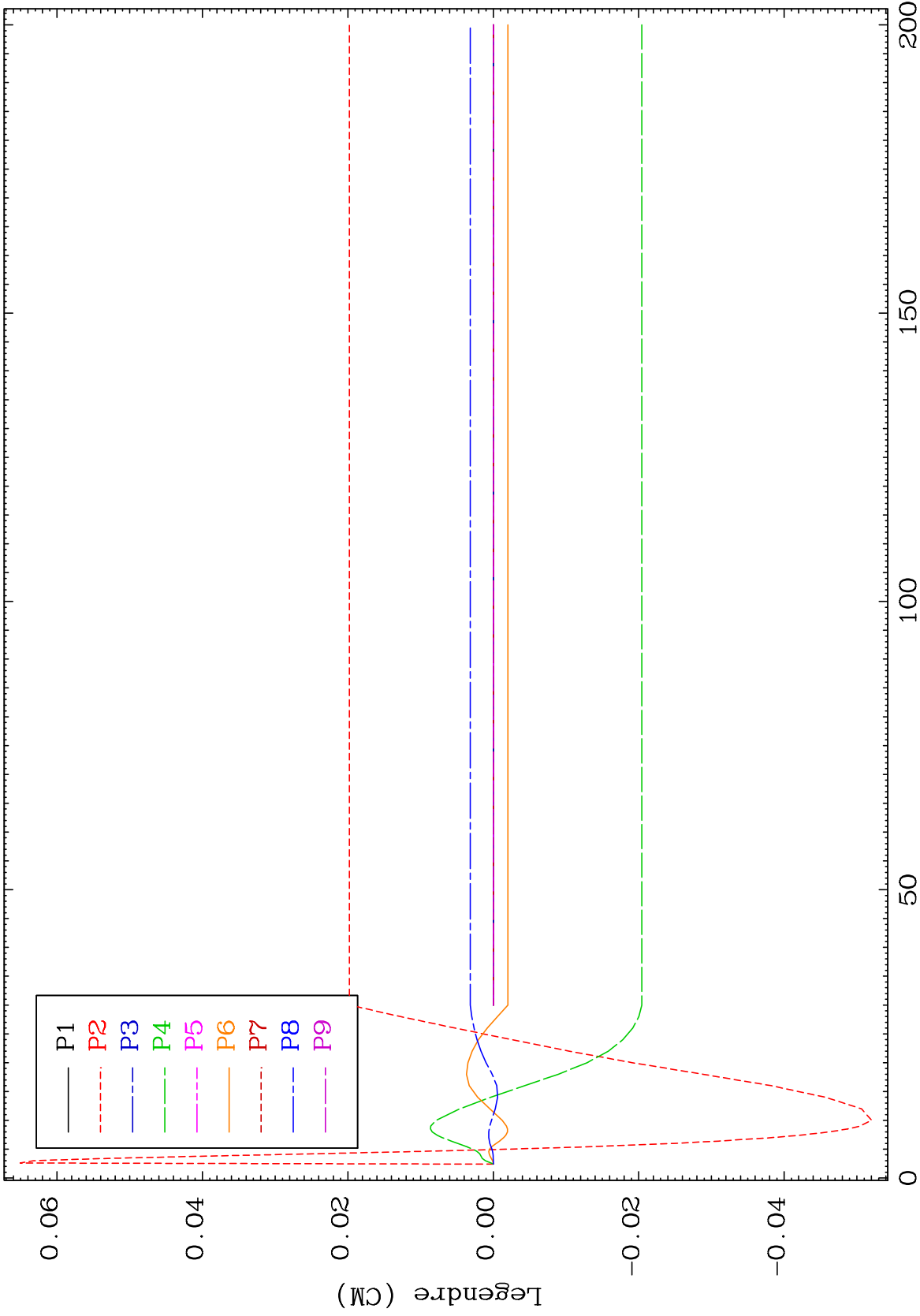
76

58-Ce-130

MAT 5807

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

58-Ce-130



77

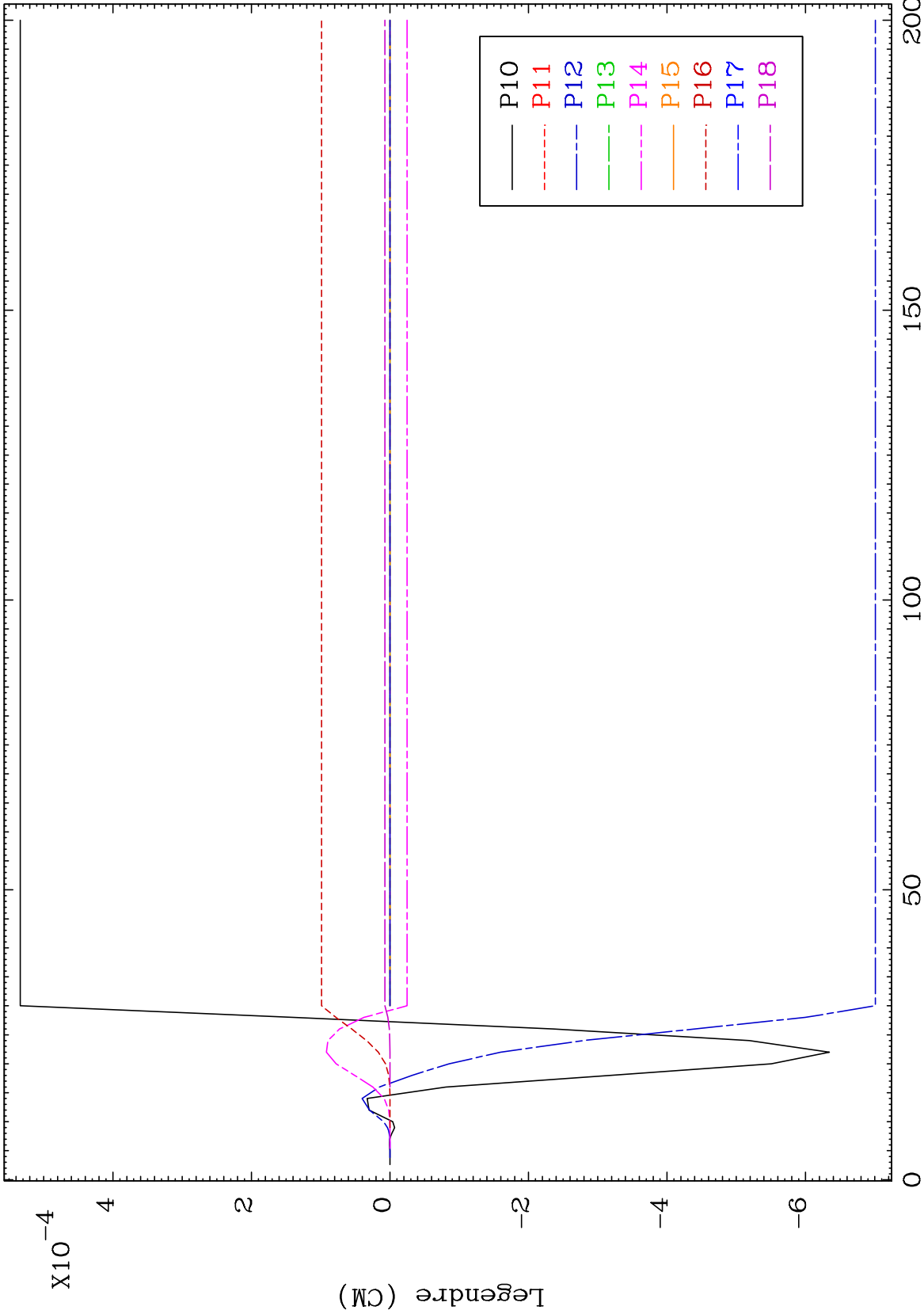
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



78

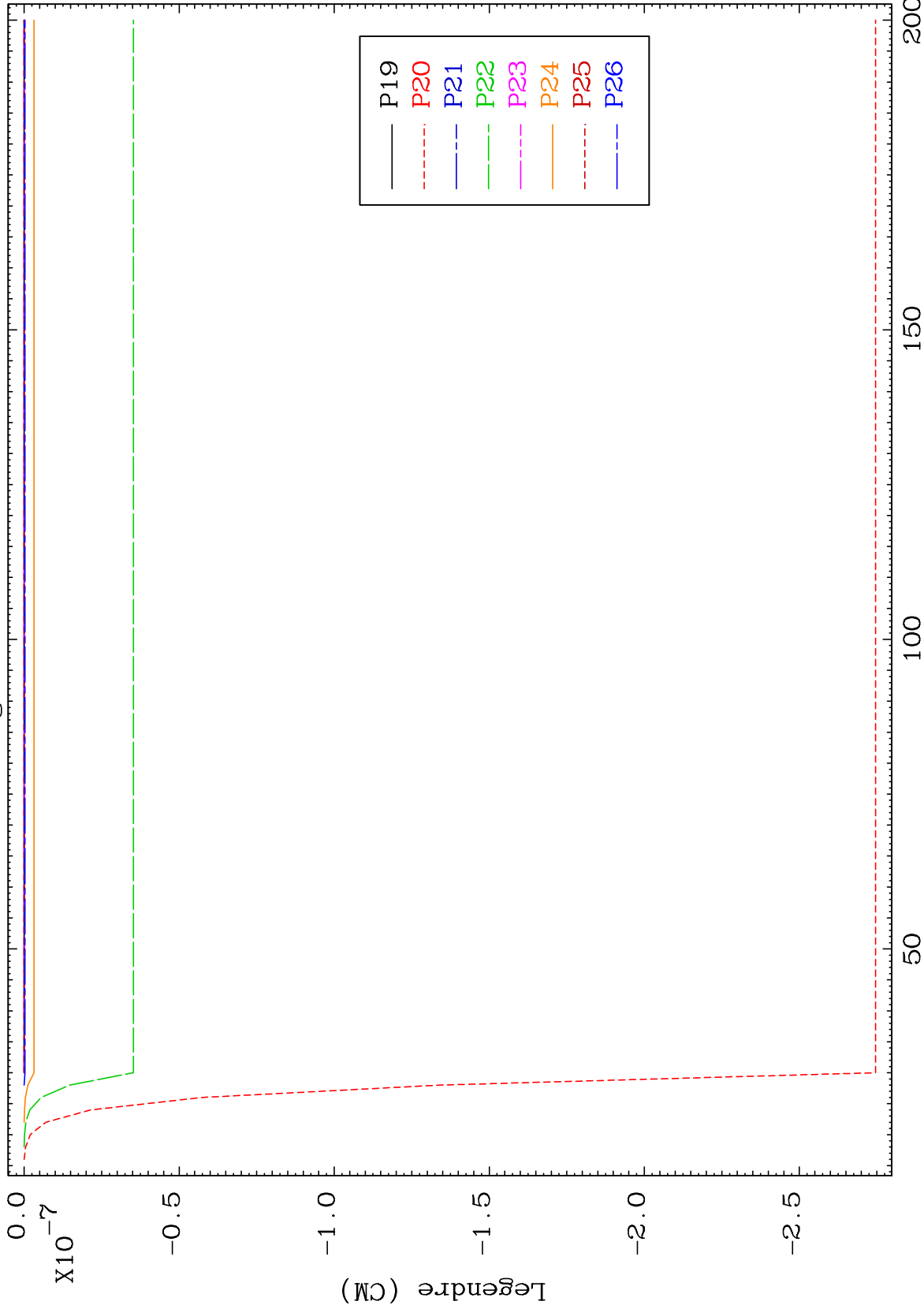
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



58-Ce-130

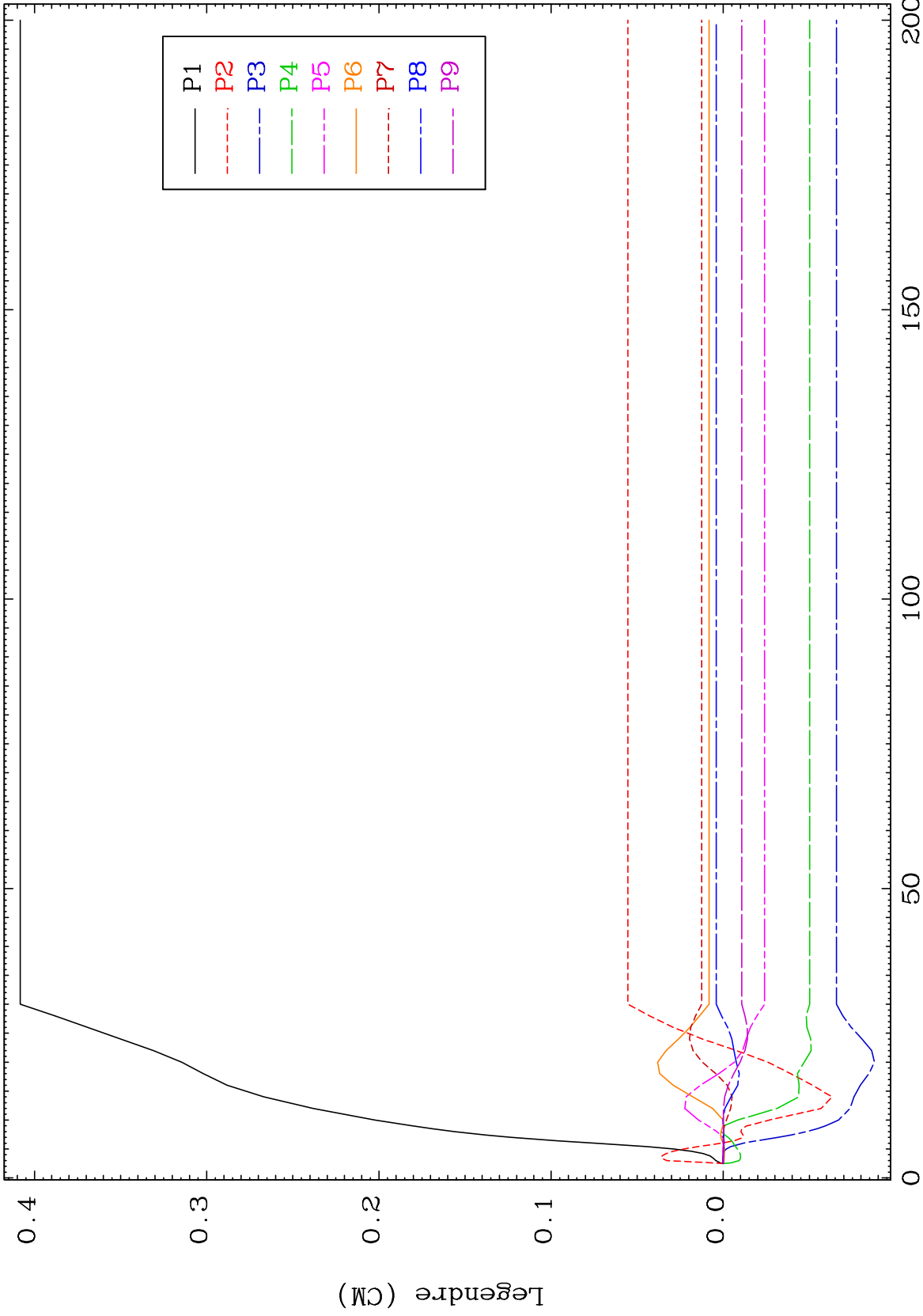
Incident Energy (MeV)

79

MAT 5807

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

58-Ce-130



58-Ce-130

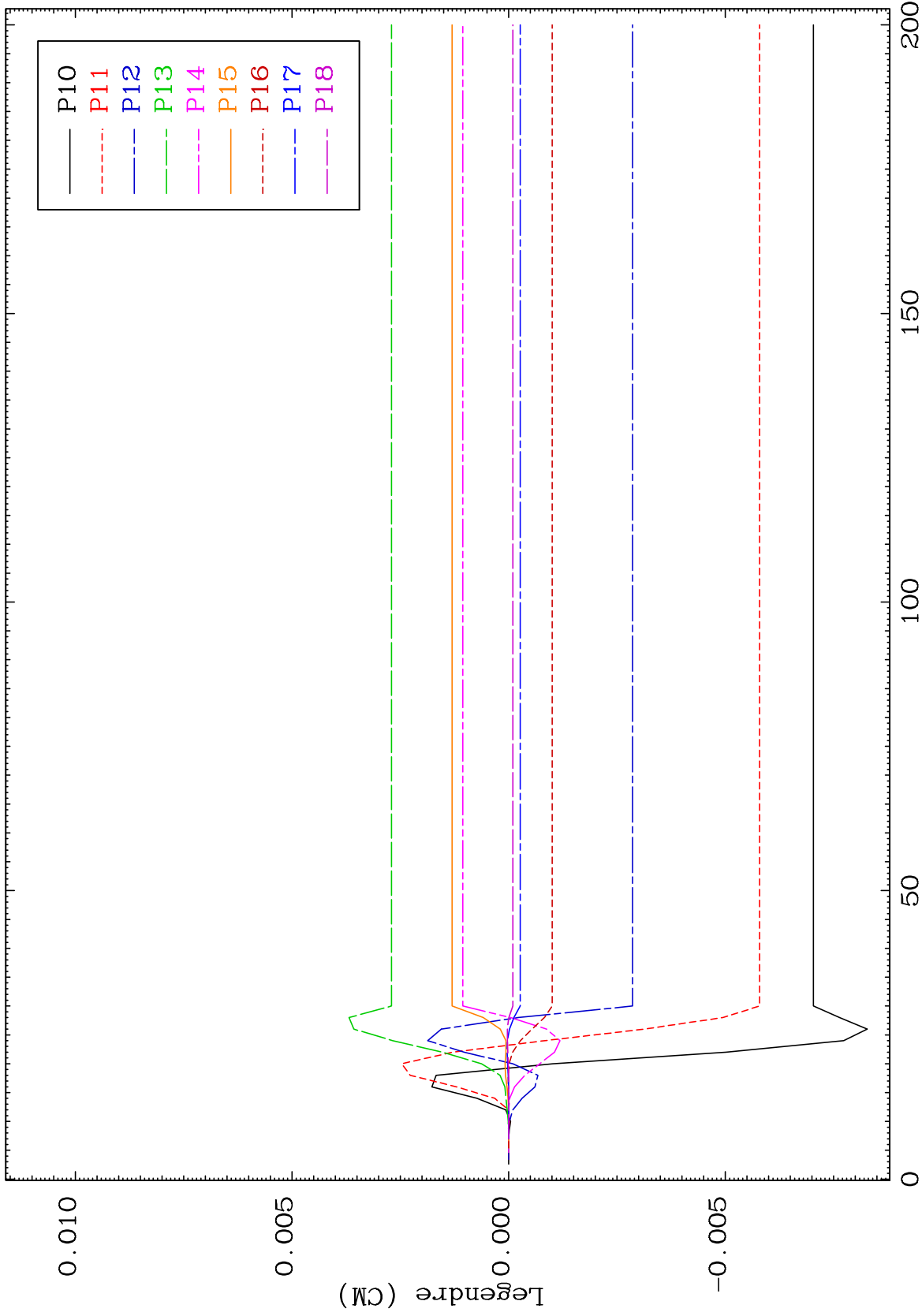
Incident Energy (MeV)

80

MAT 5807

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

58-Ce-130



81

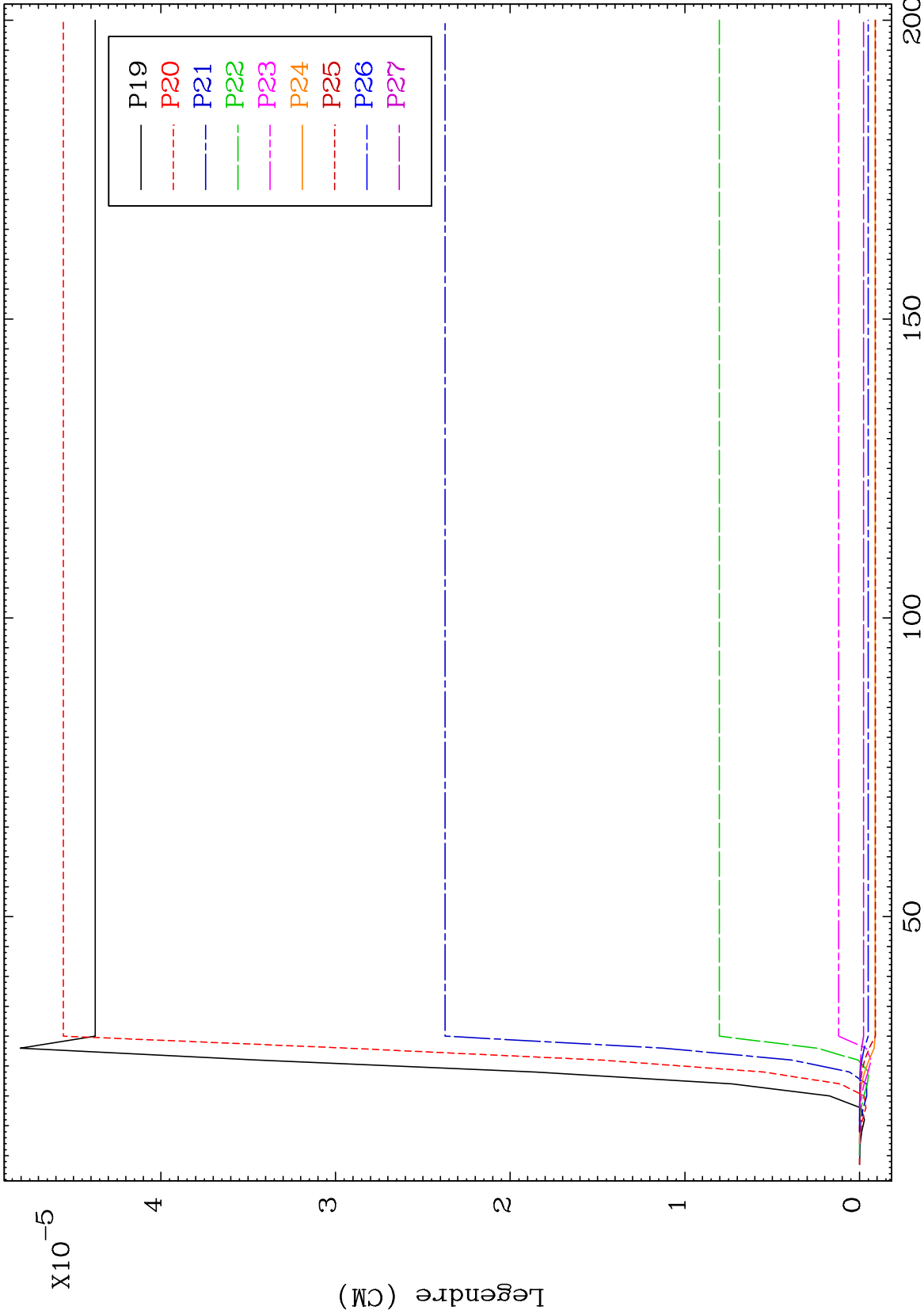
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



82

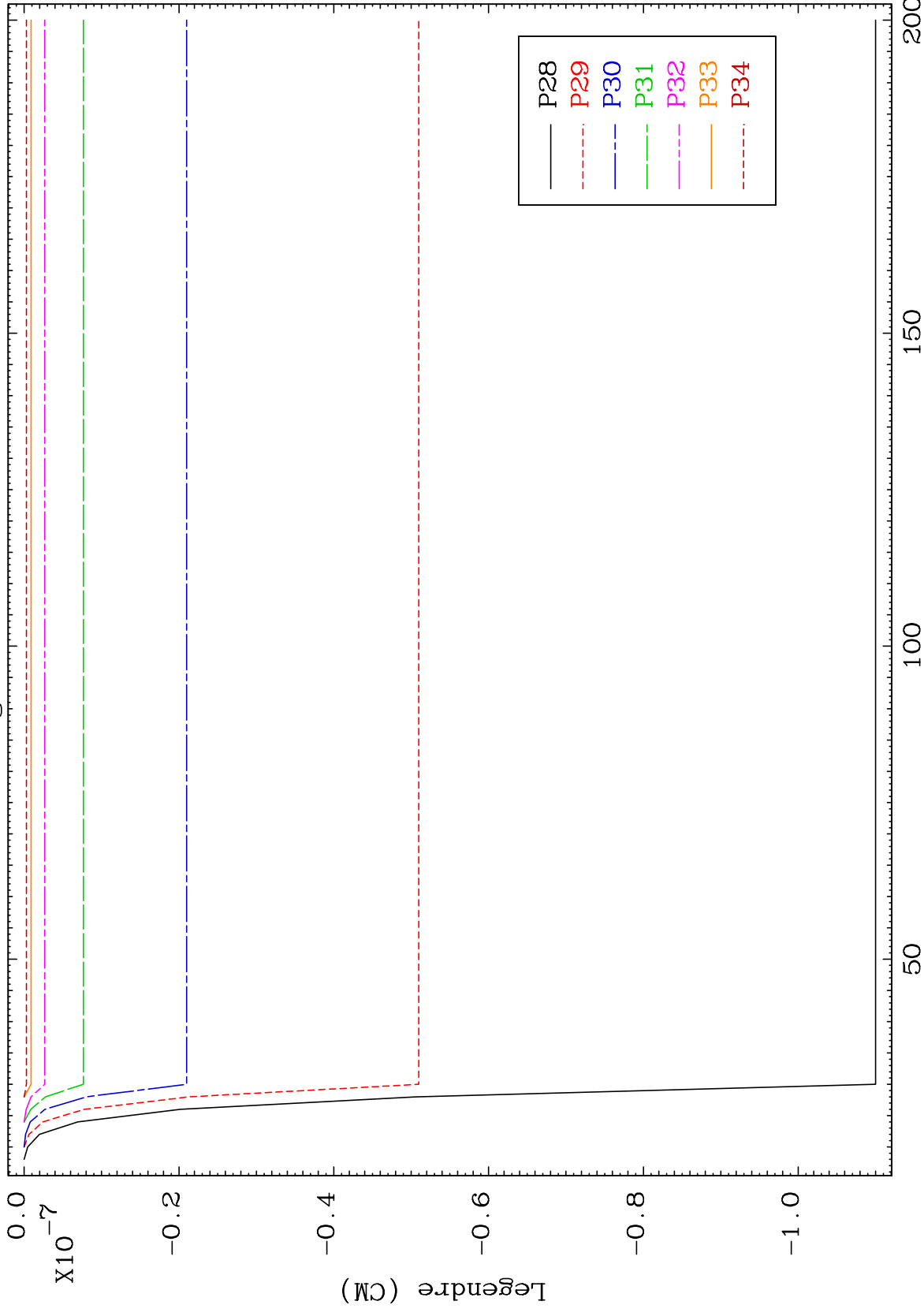
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



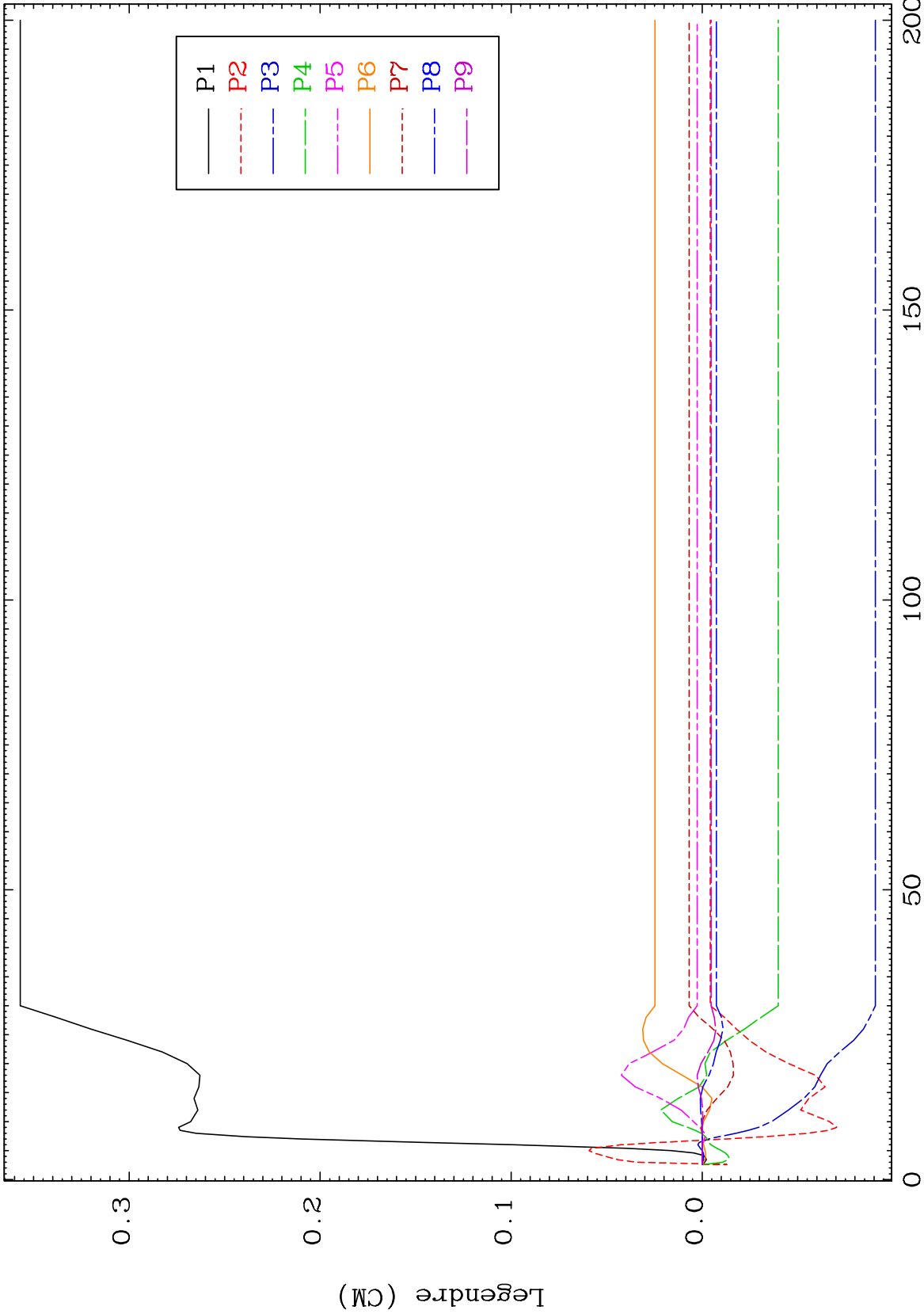
83

58-Ce-130

MAT 5807

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

58-Ce-130



84

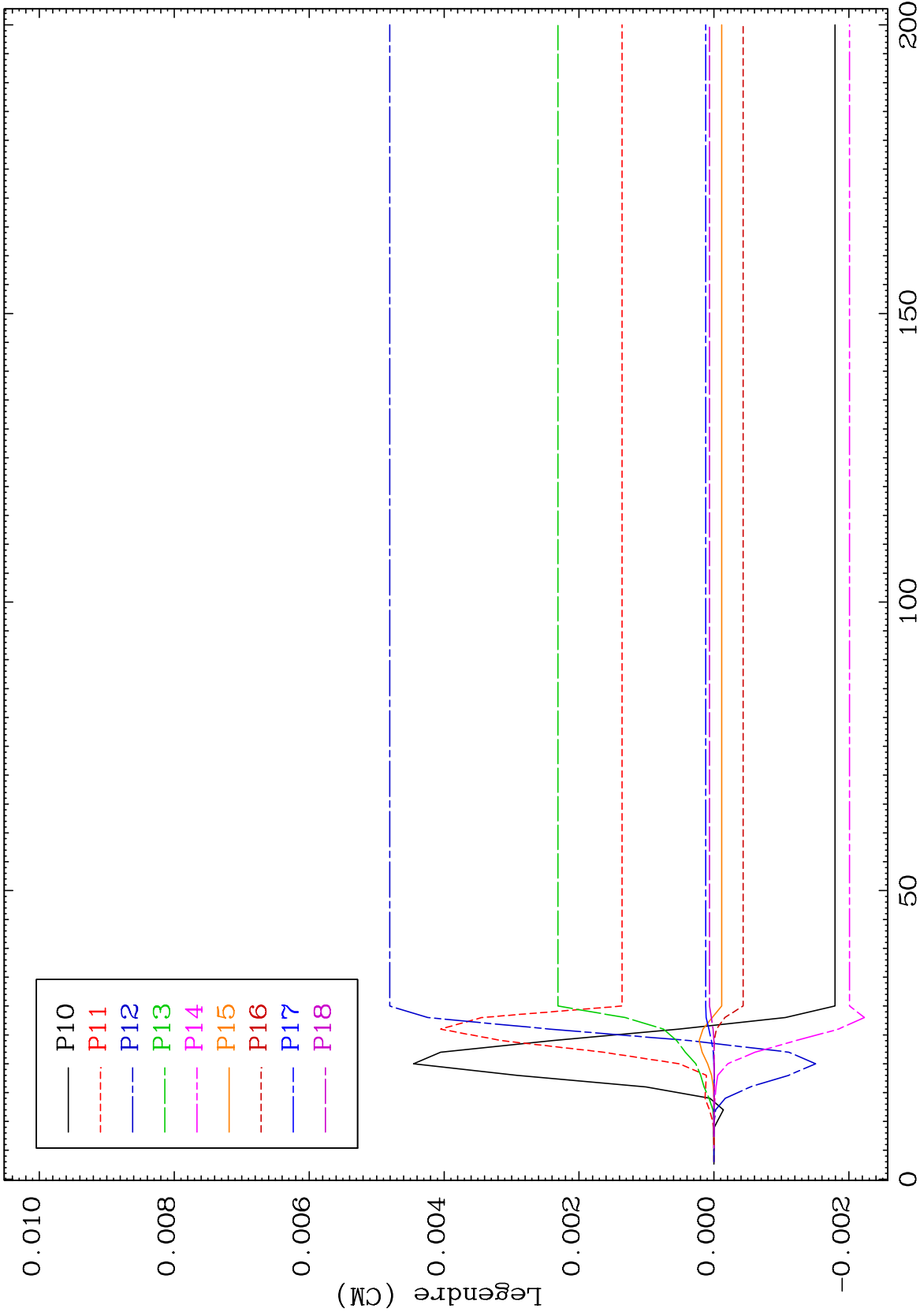
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



85

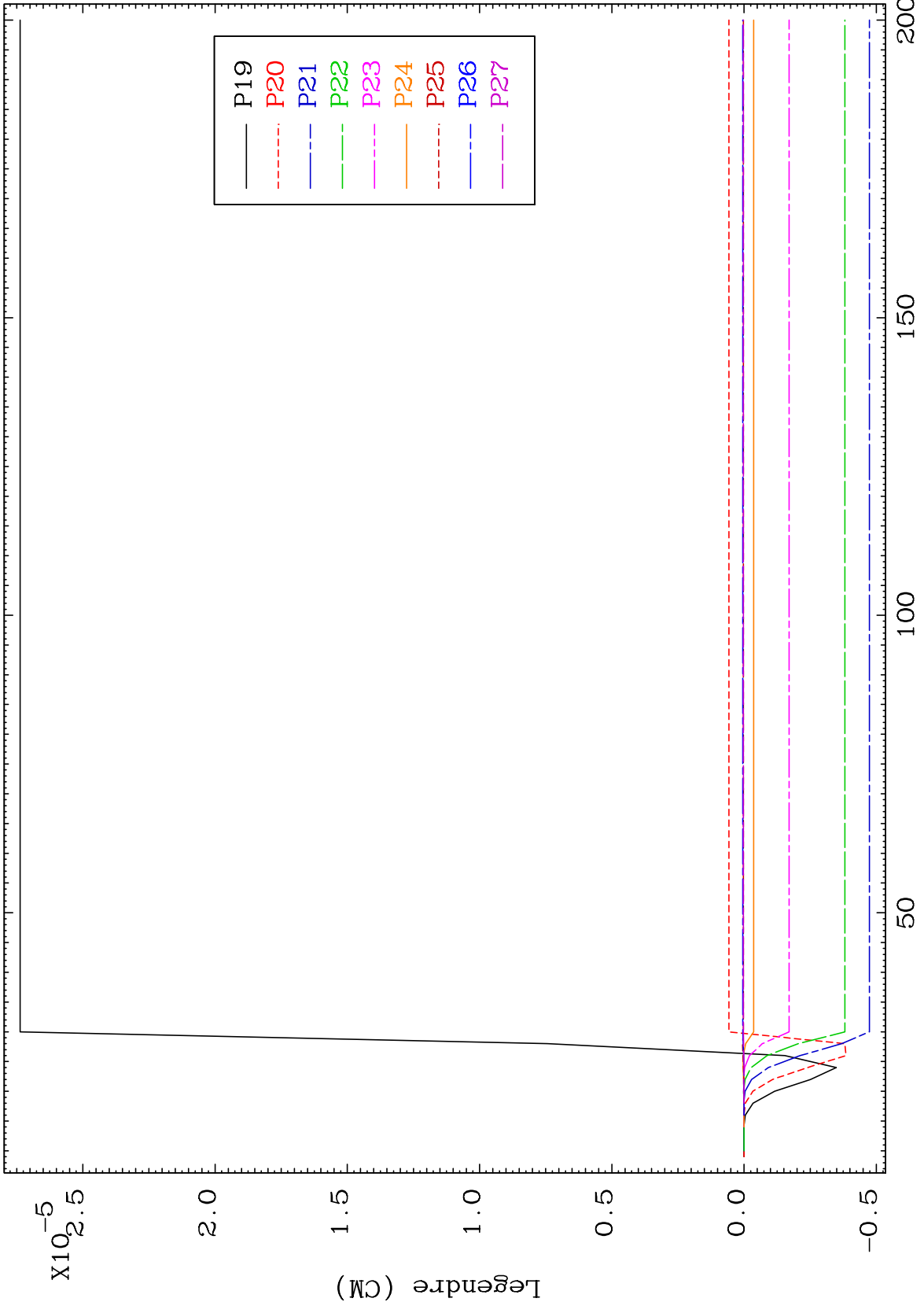
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130



86

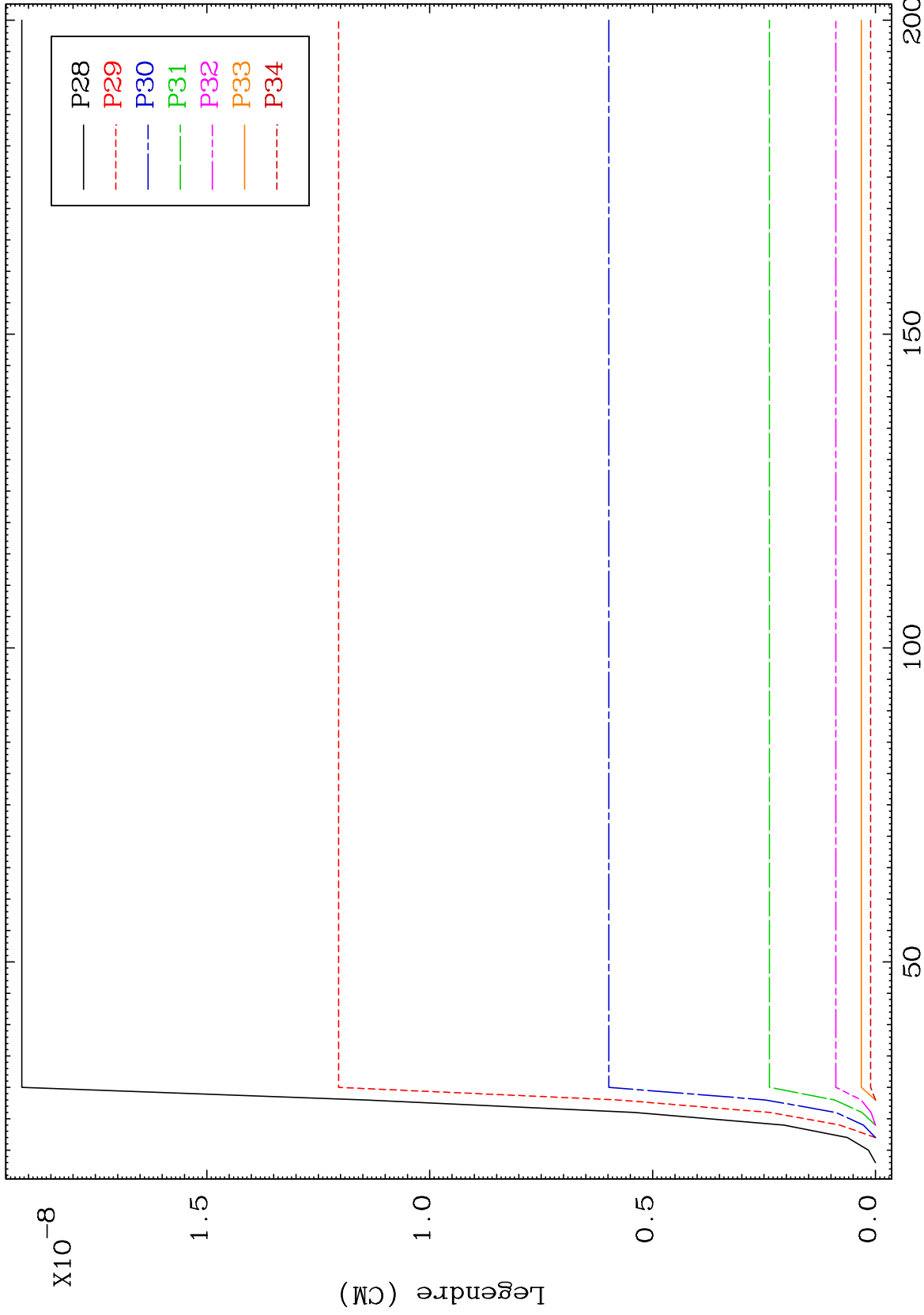
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

58-Ce-130

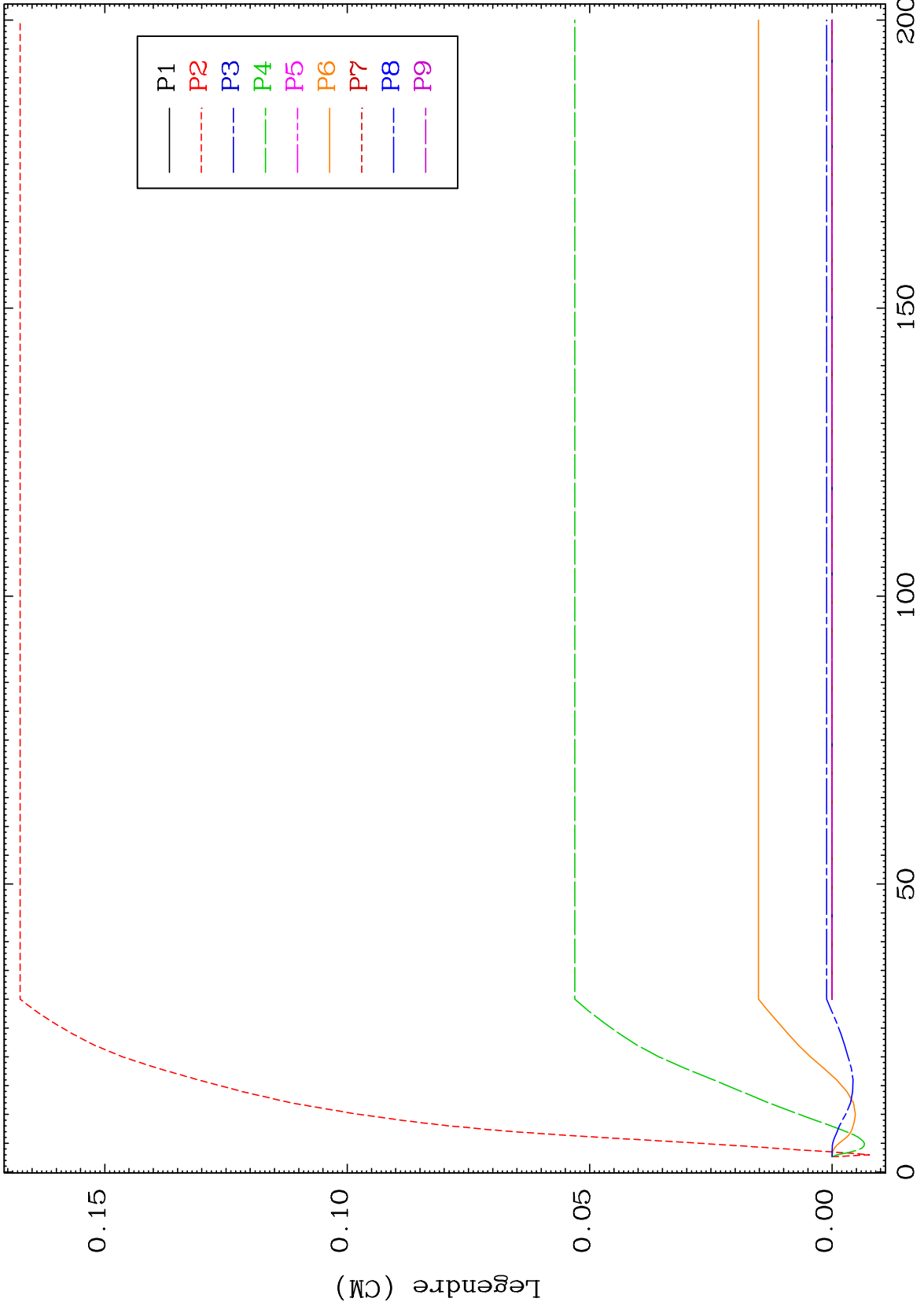


87

Incident Energy (MeV)

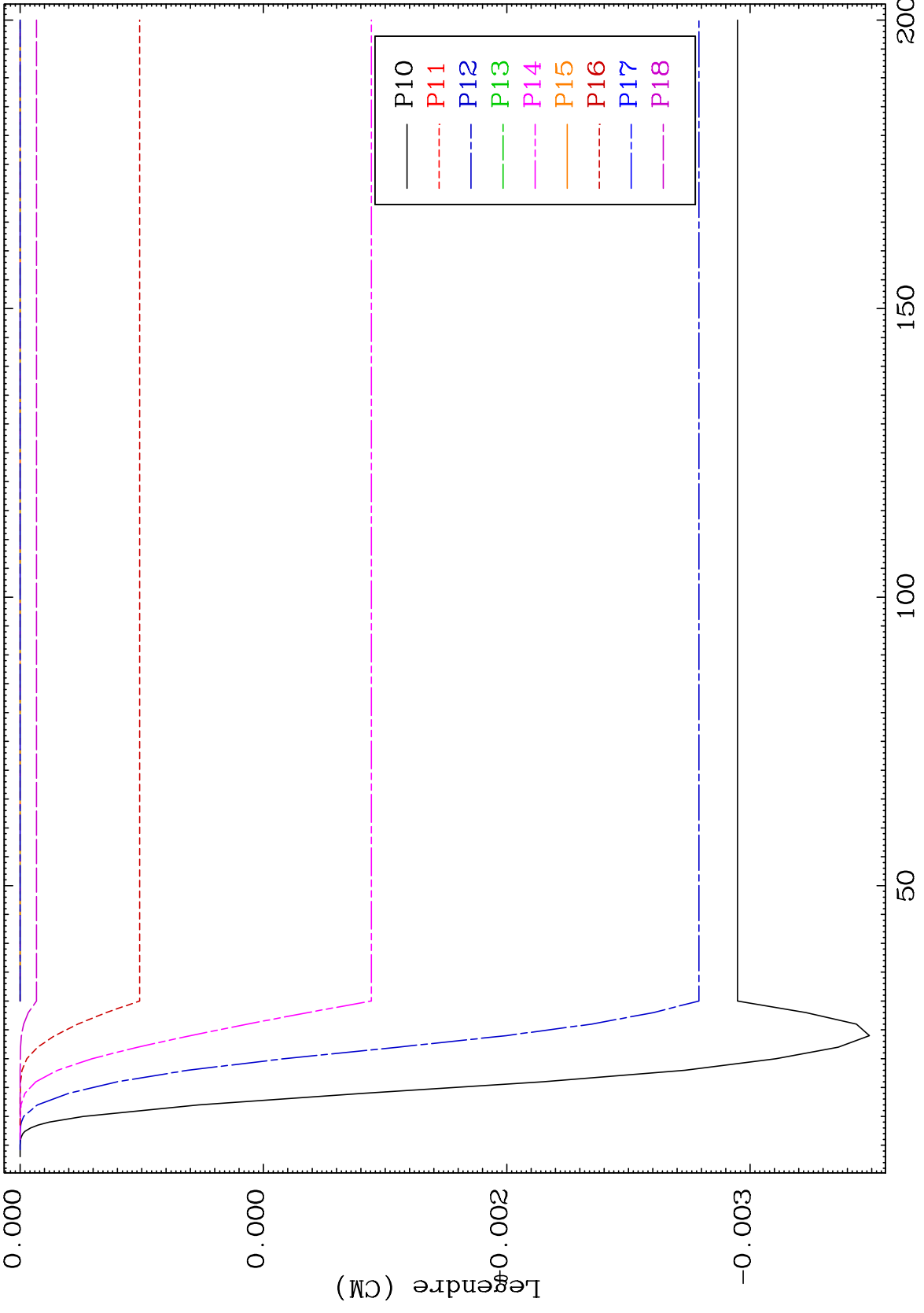
58-Ce-130

MAT 5807 MT= 69 (n,n') Level Legendre Coefficients 58-Ce-130



88 58-Ce-130

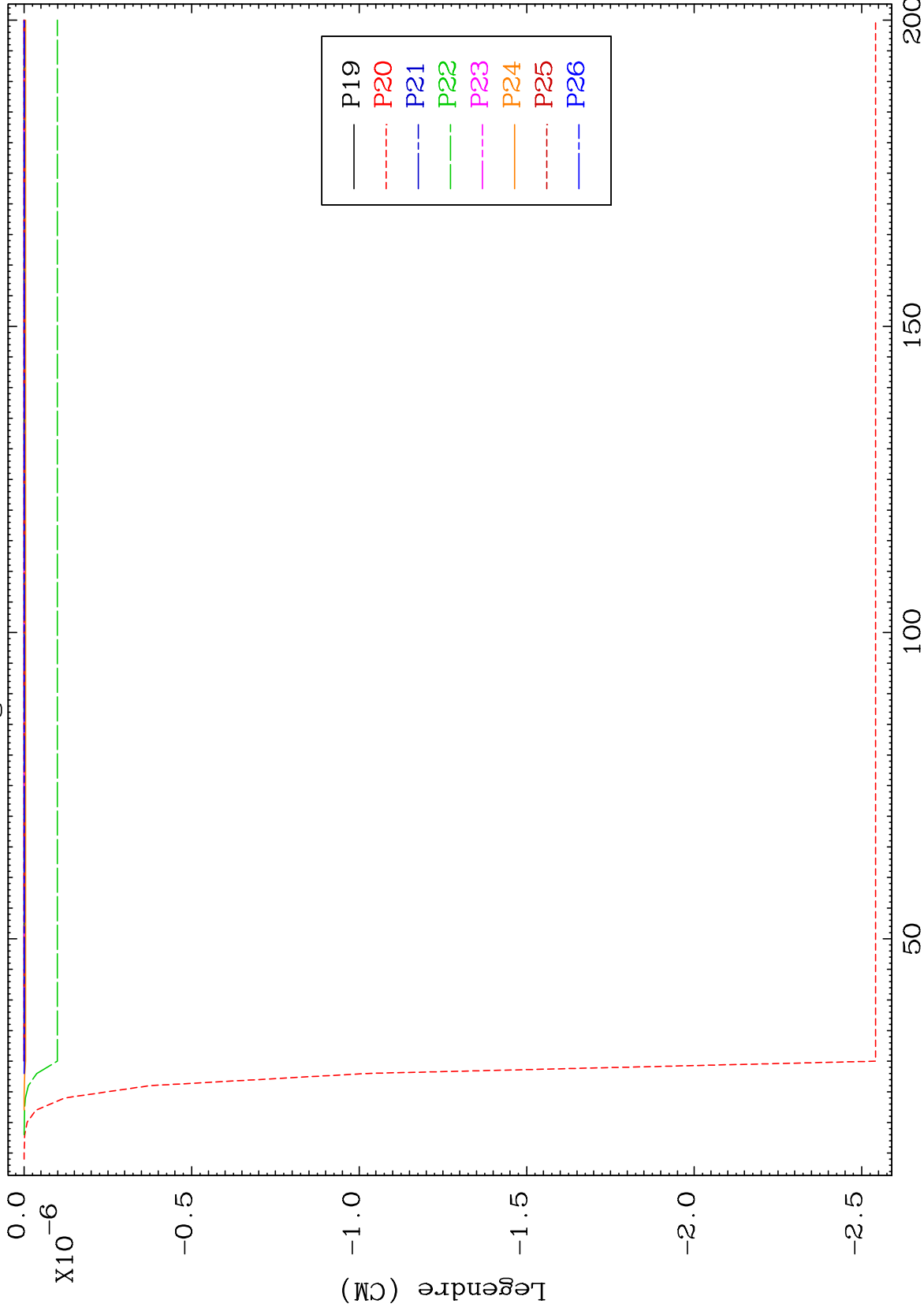
MAT 5807 MT= 69 (n,n') Level Legendre Coefficients 58-Ce-130



MAT 5807

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

58-Ce-130



90

Incident Energy (MeV)

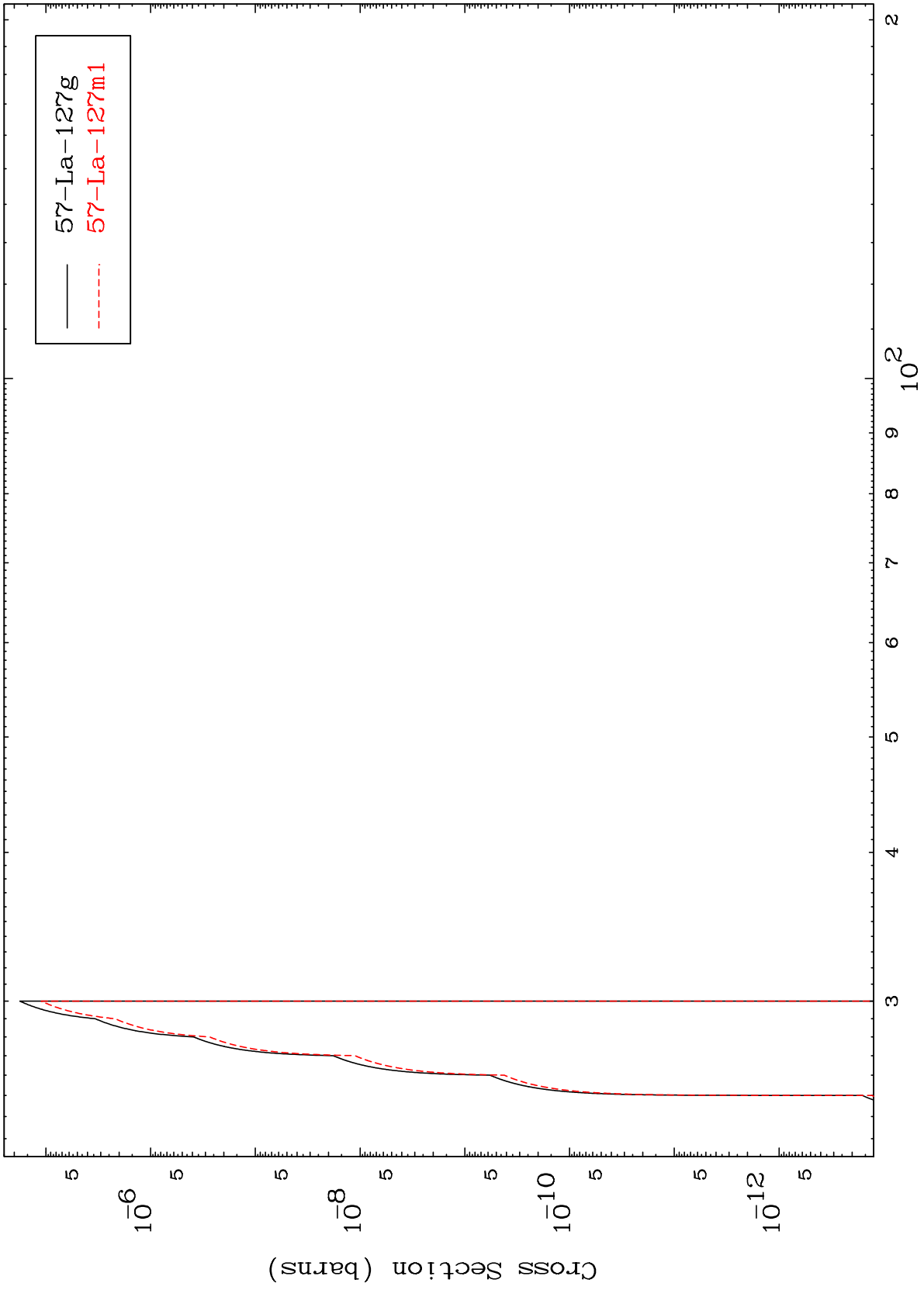
58-Ce-130

MAT 5807

(n,2n) d

58-Ce-130

Radionuclide Production Cross Section



91

Incident Energy (MeV)

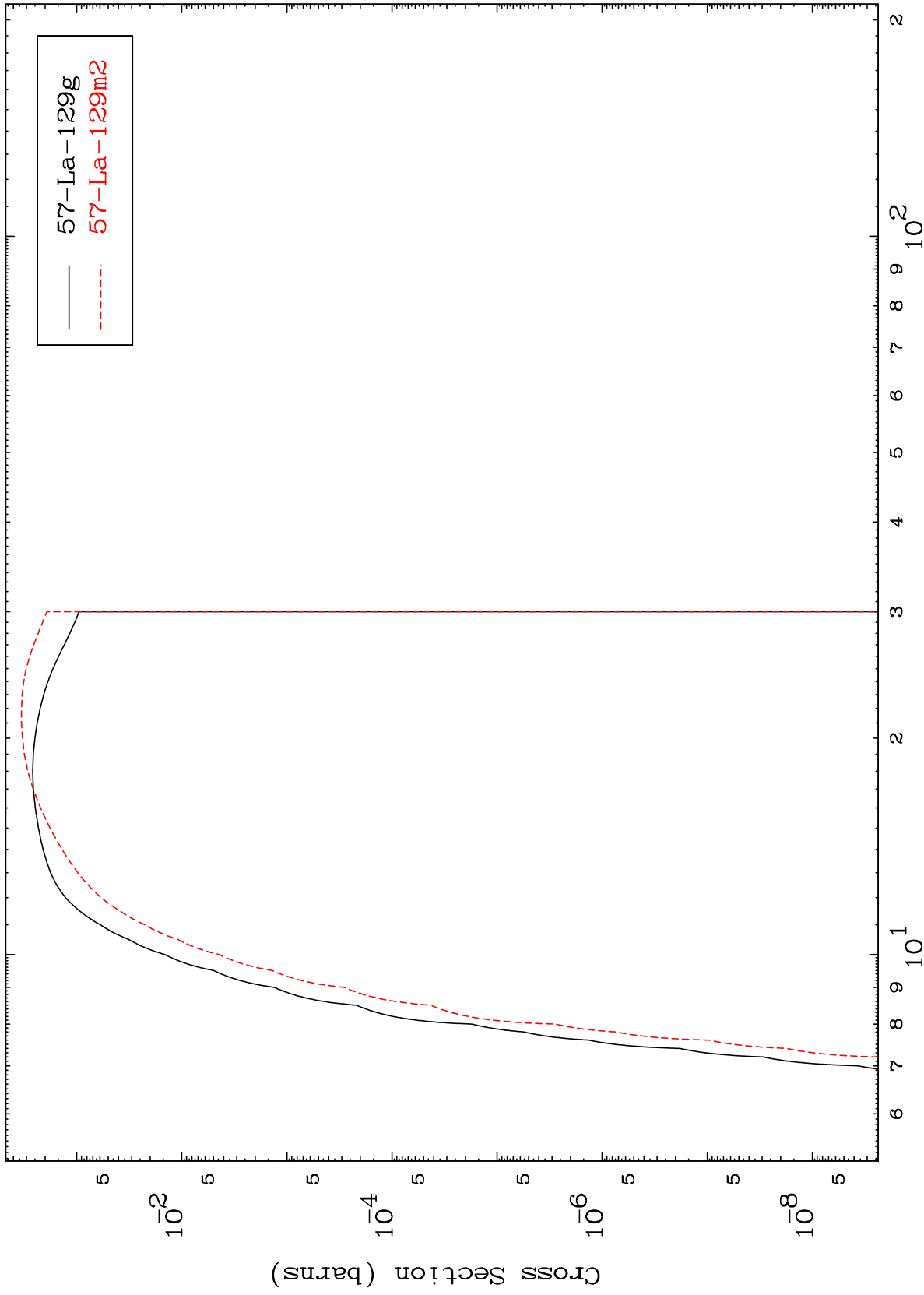
58-Ce-130

MAT 5807

(n,n') p

58-Ce-130

Radionuclide Production Cross Section



92

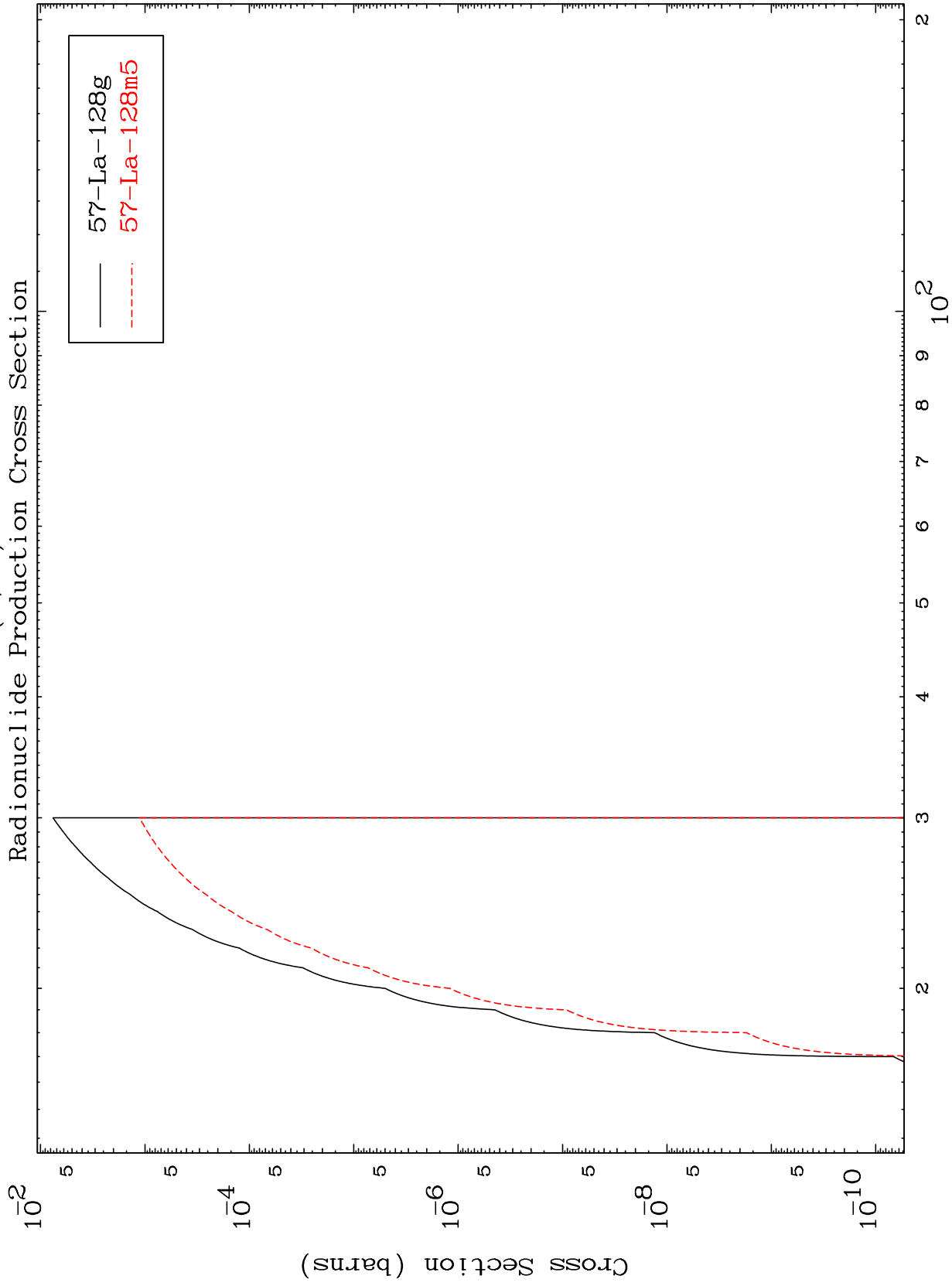
Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,n') d

58-Ce-130



93

Incident Energy (MeV)

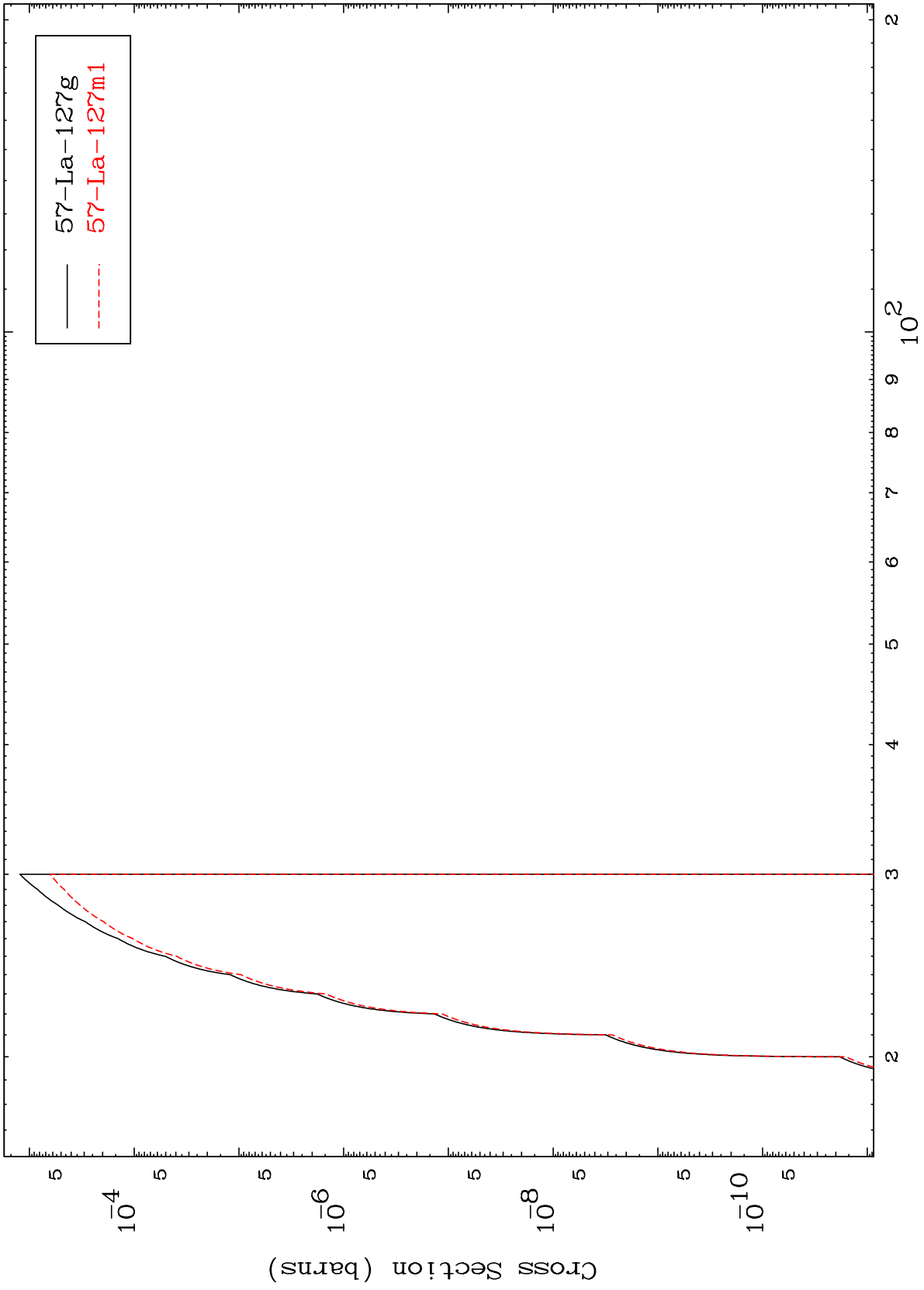
58-Ce-130

MAT 5807

(n,n') t

58-Ce-130

Radionuclide Production Cross Section



94

Incident Energy (MeV)

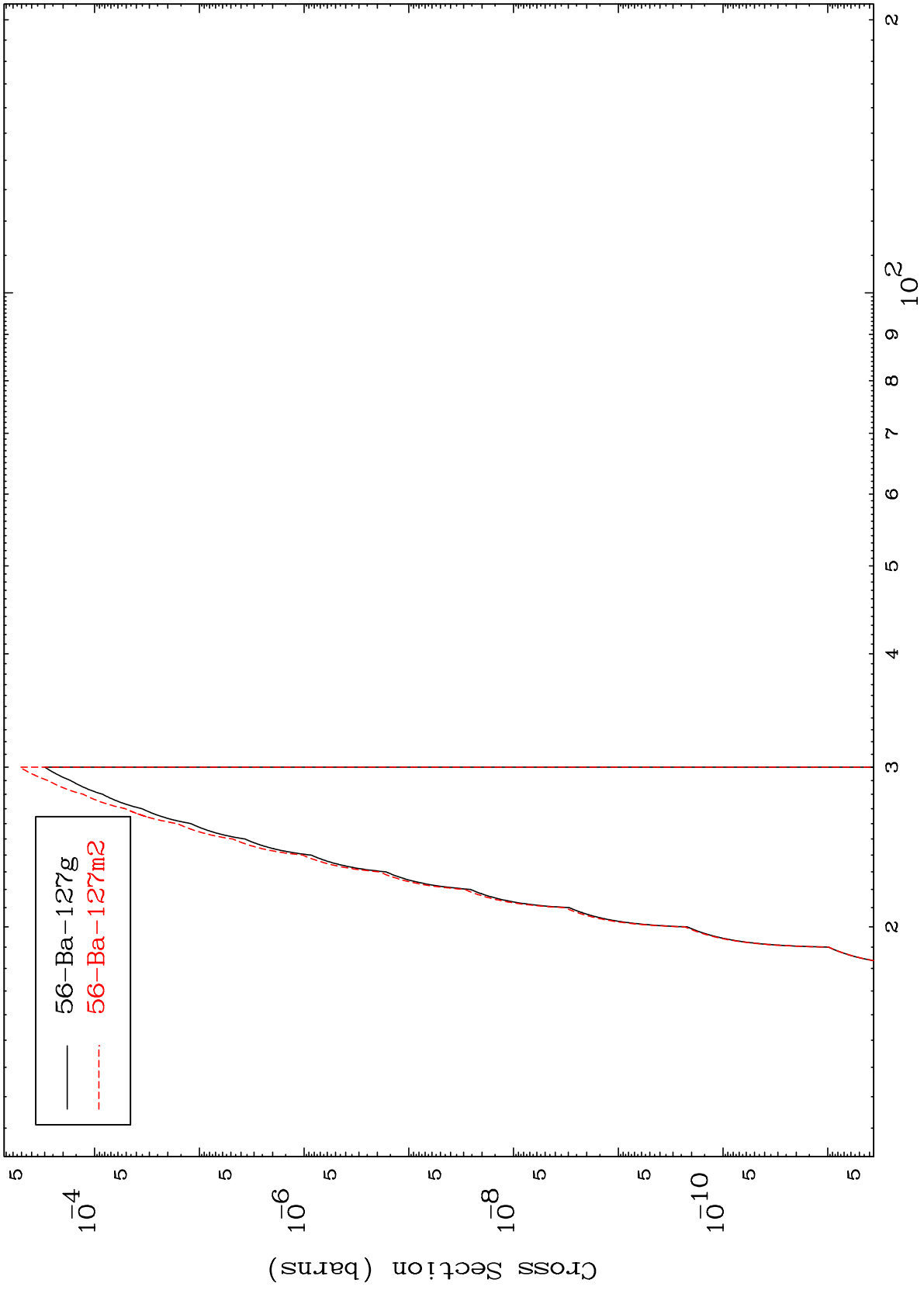
58-Ce-130

MAT 5807

(n, n') He-3

58-Ce-130

Radionuclide Production Cross Section



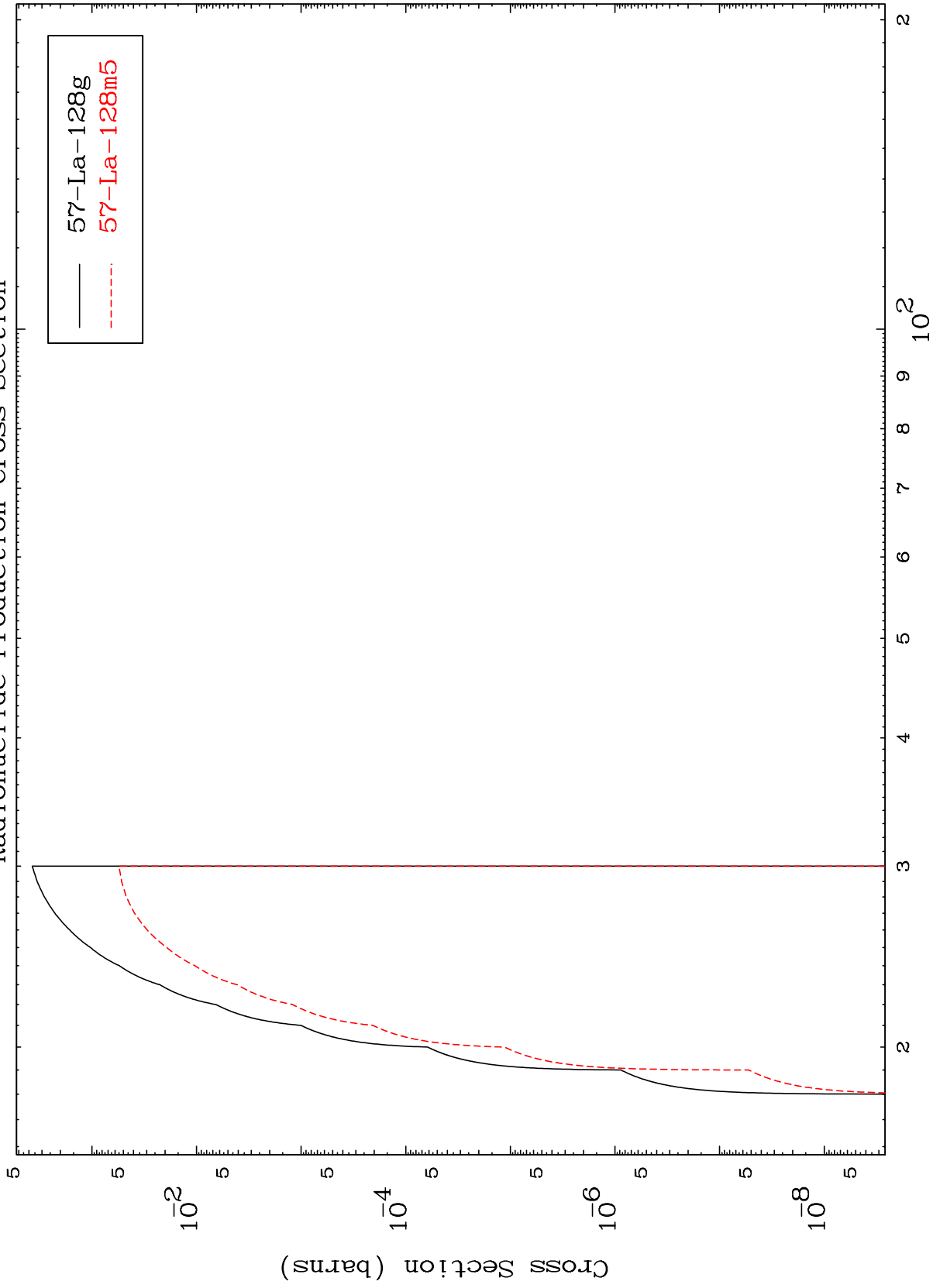
95

MAT 5807

(n,2n) p

58-Ce-130

Radionuclide Production Cross Section



96

Incident Energy (MeV)

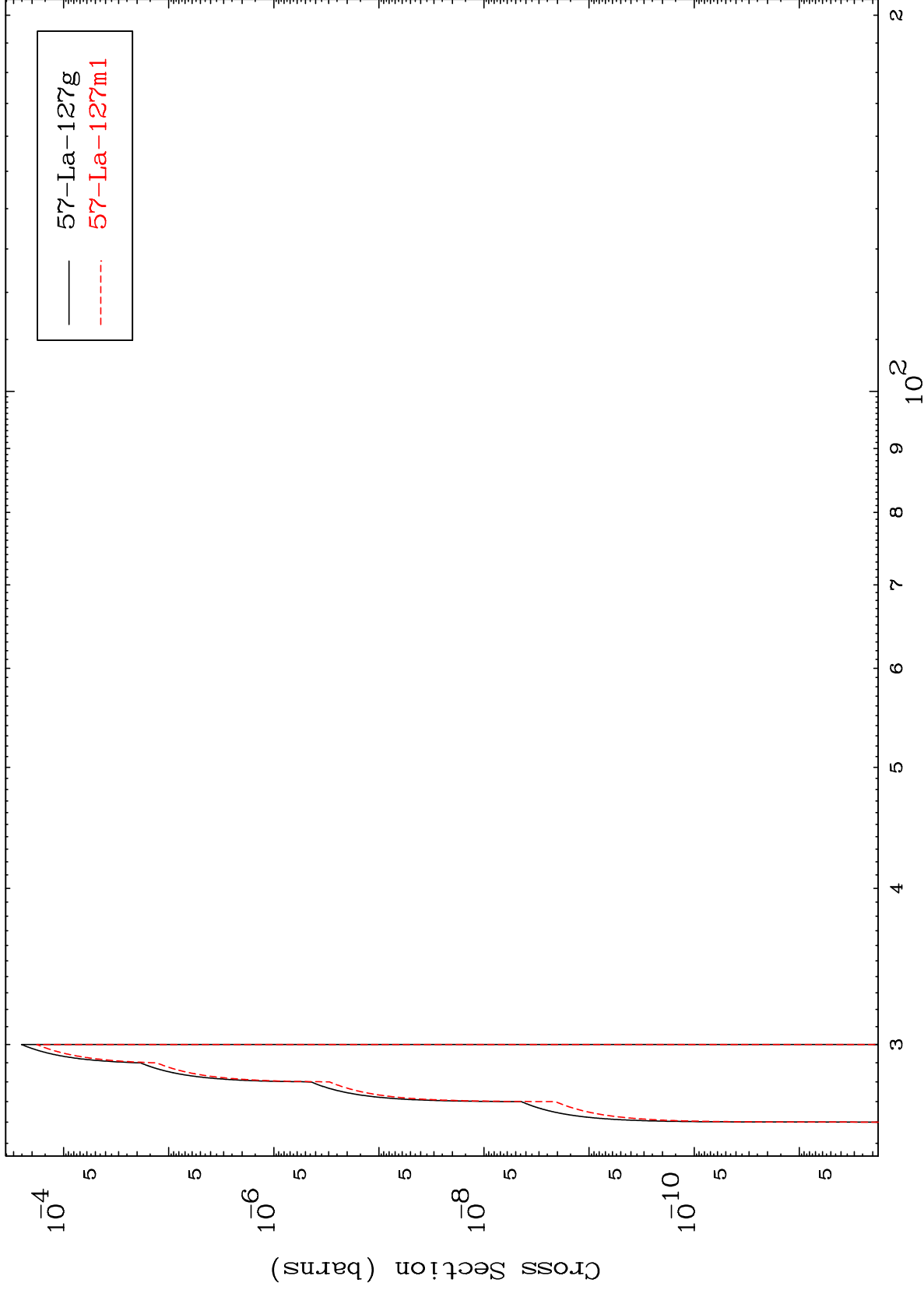
58-Ce-130

MAT 5807

(n,3n) p

58-Ce-130

Radionuclide Production Cross Section



97

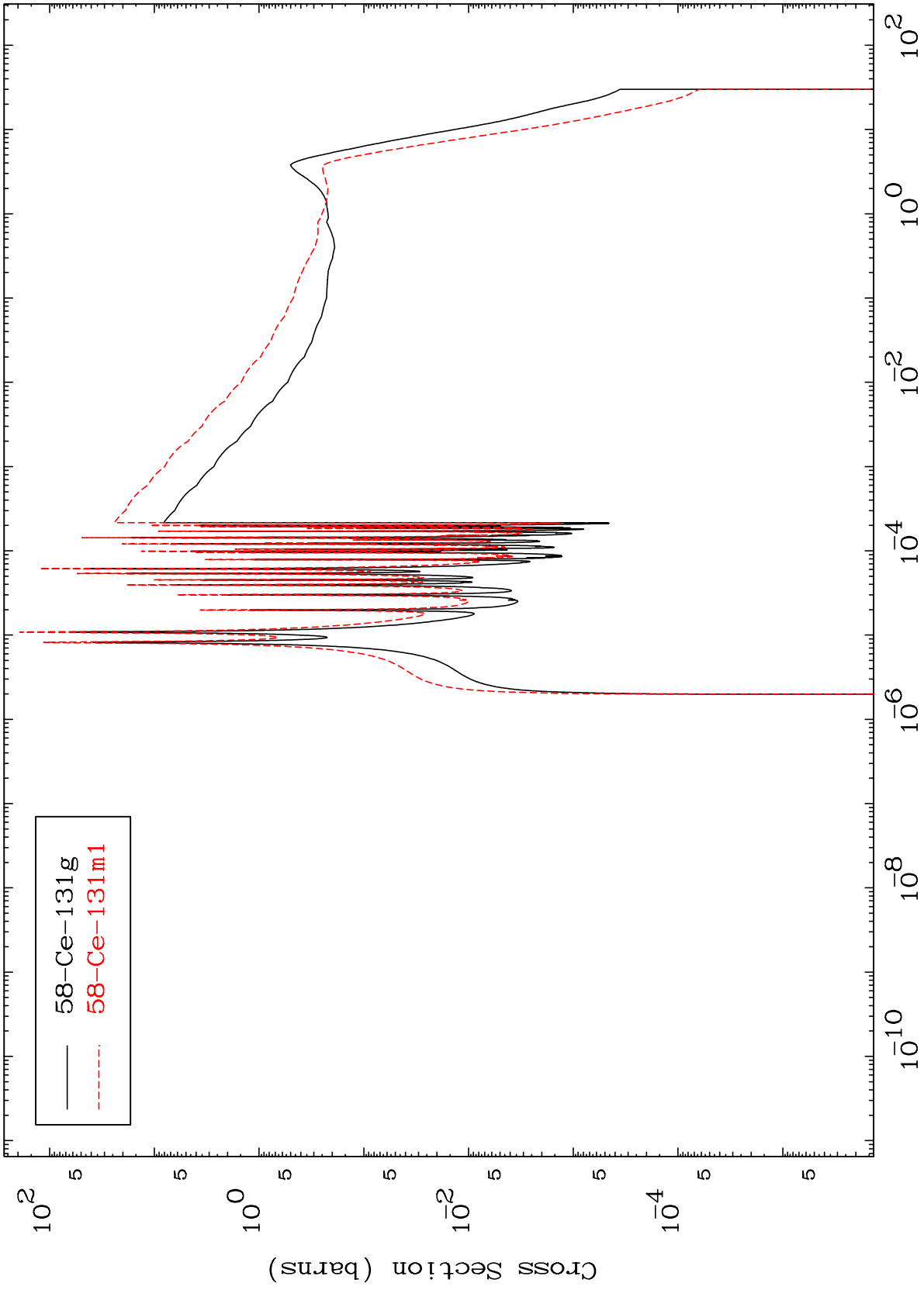
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n,γ)
Radionuclide Production Cross Section



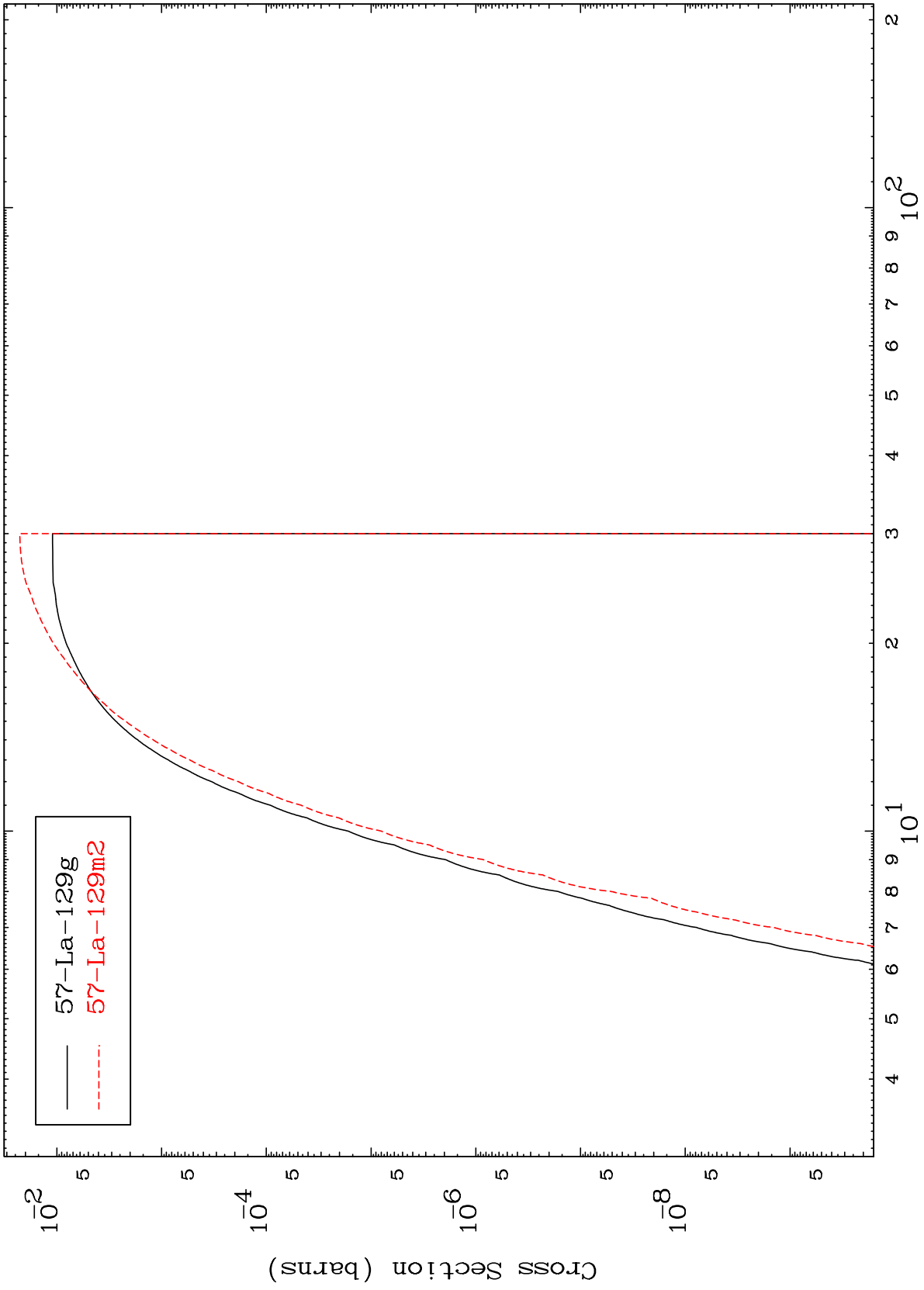
98

58-Ce-130

MAT 5807

(n,d)
Radionuclide Production Cross Section

58-Ce-130



99

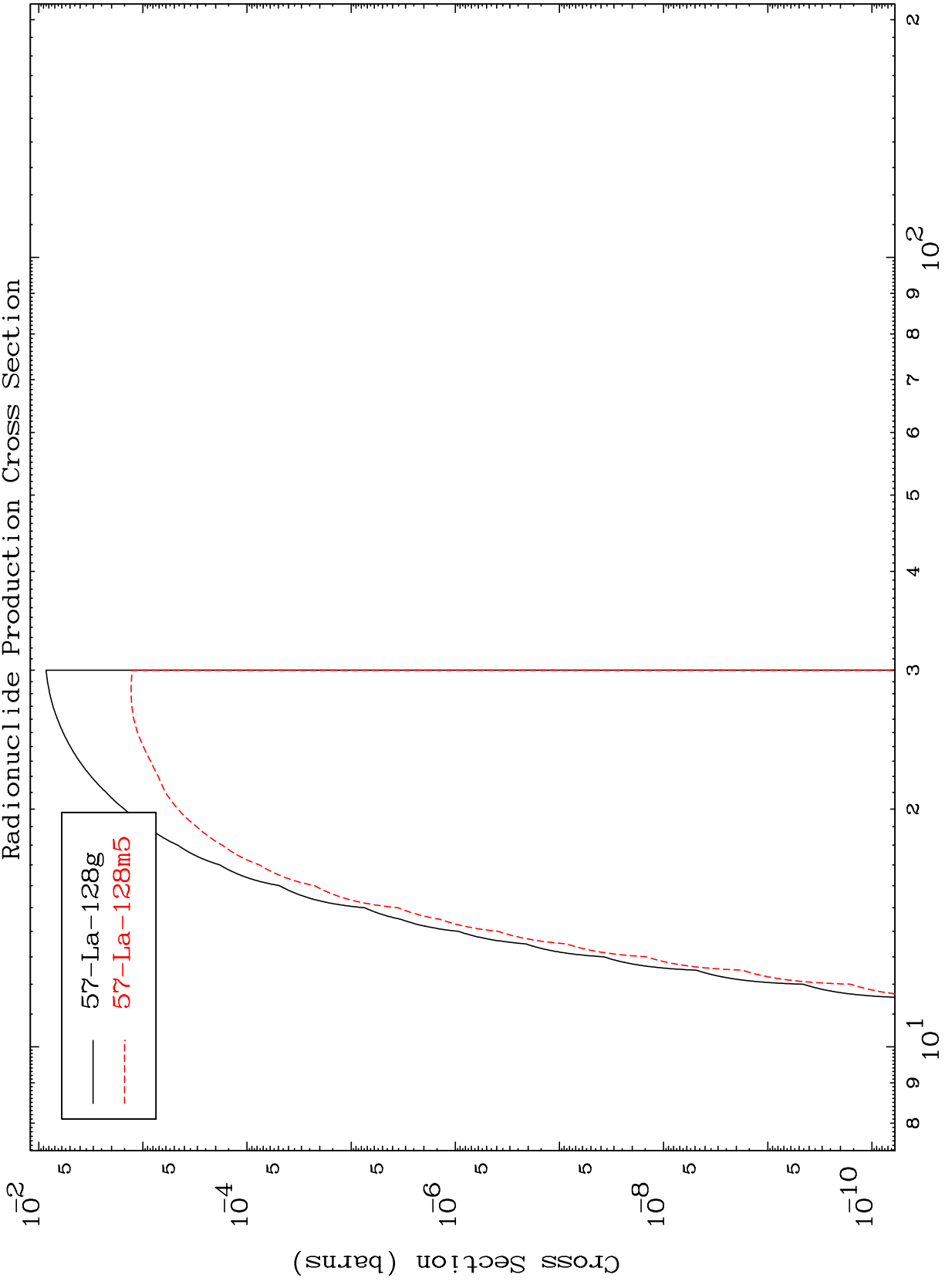
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

Radionuclide Production Cross Section (n,t)



58-Ce-130

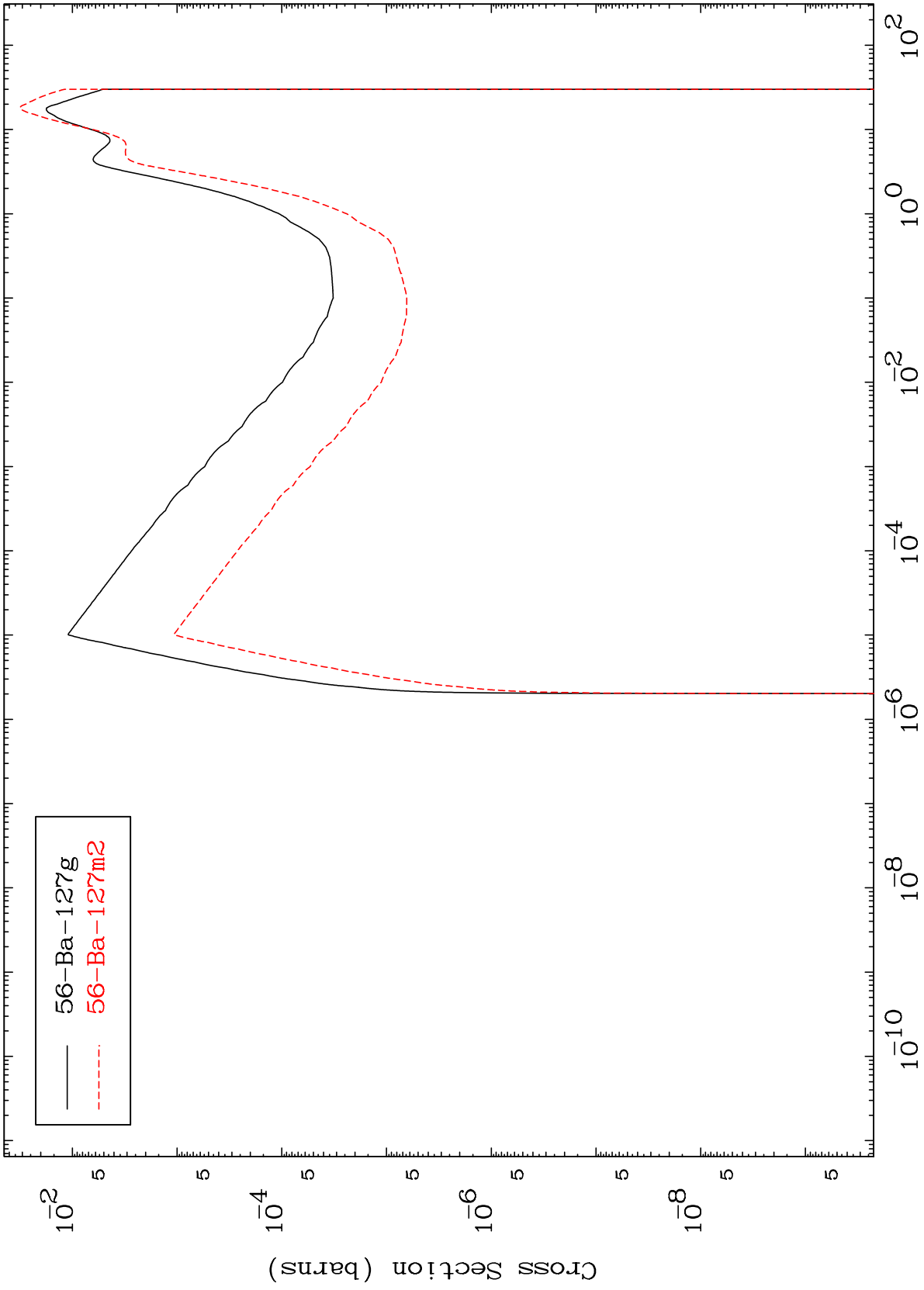
Incident Energy (MeV)

100

MAT 5807

Radionuclide Production Cross Section
(n, α)

58-Ce-130



101

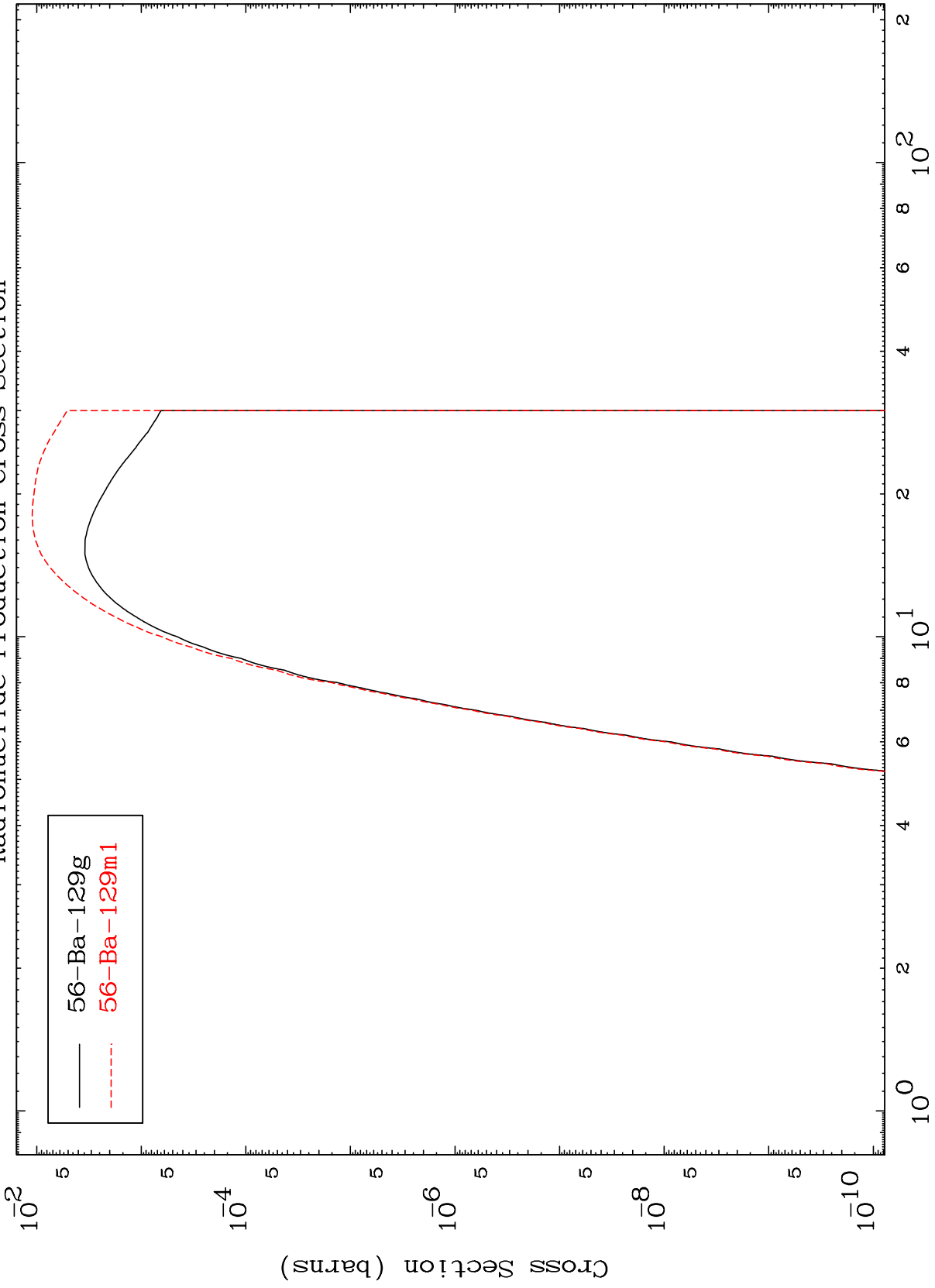
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

Radionuclide Production Cross Section
(n,2p)



56-Ba-129g
56-Ba-129m1

58-Ce-130

Incident Energy (MeV)

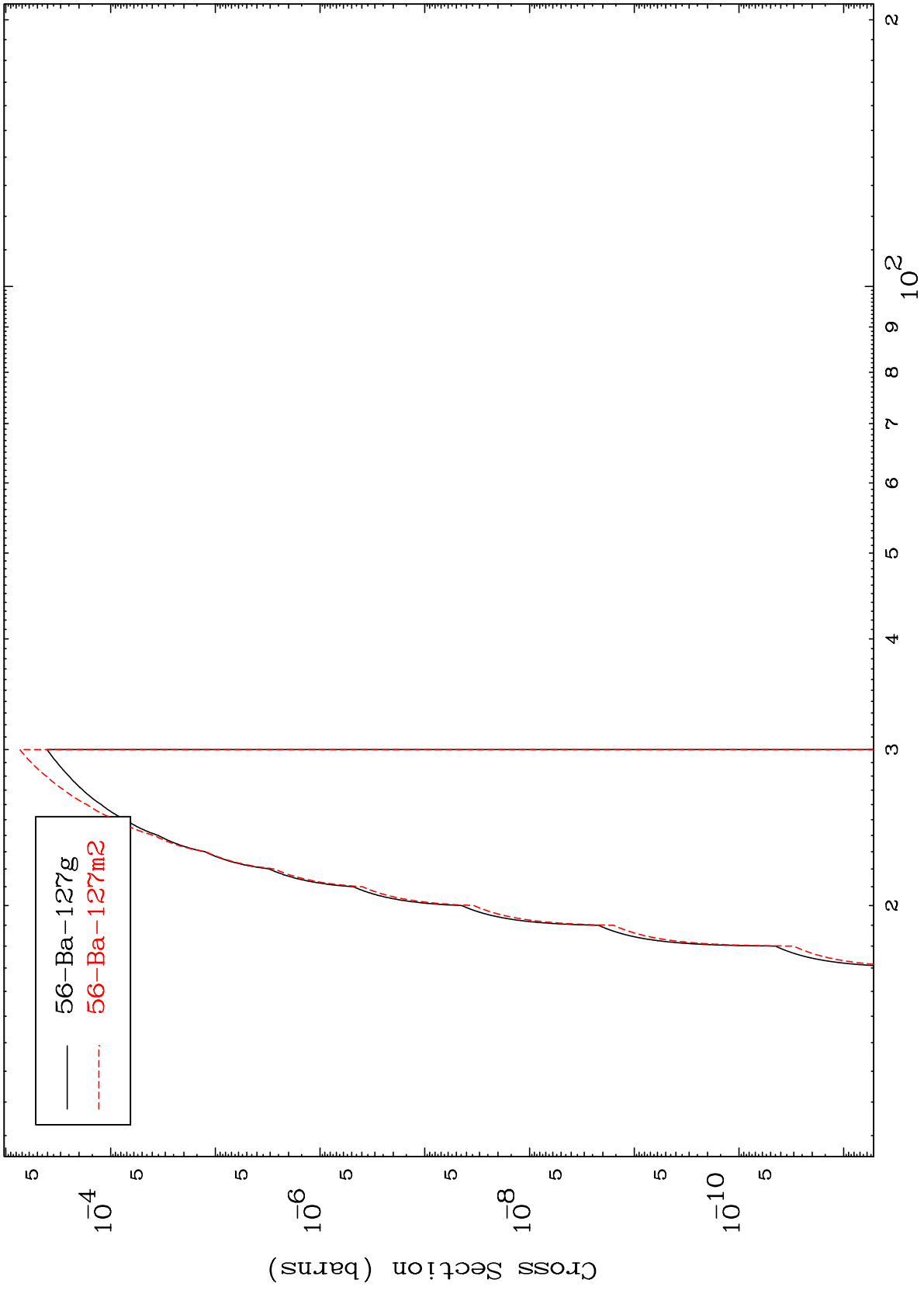
102

MAT 5807

(n,p) t

58-Ce-130

Radionuclide Production Cross Section



103

Incident Energy (MeV)

58-Ce-130