

Program EVALPLOT  
(Version 2018-1)

by

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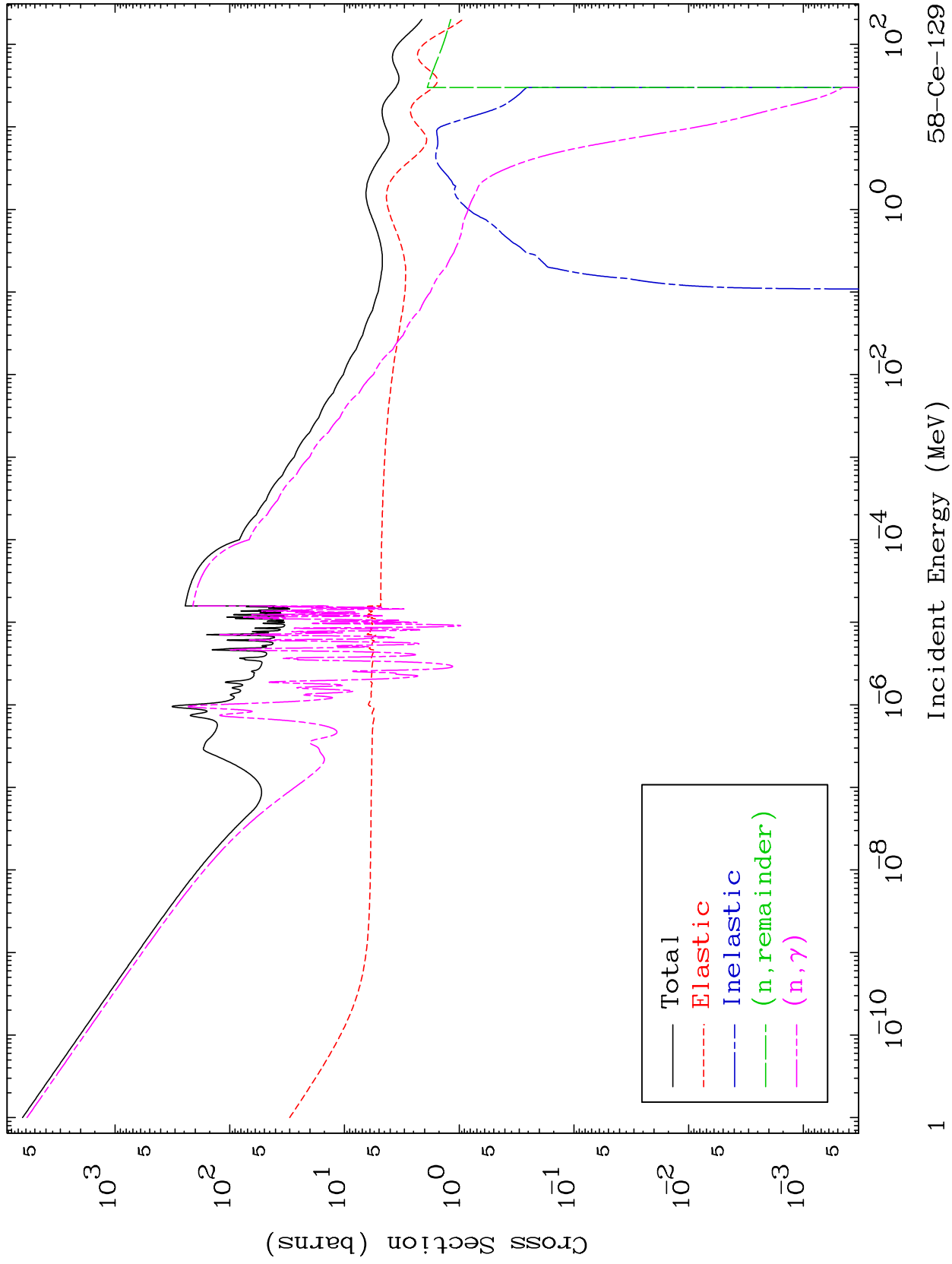
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5804

Major  
293 Kelvin Cross Sections

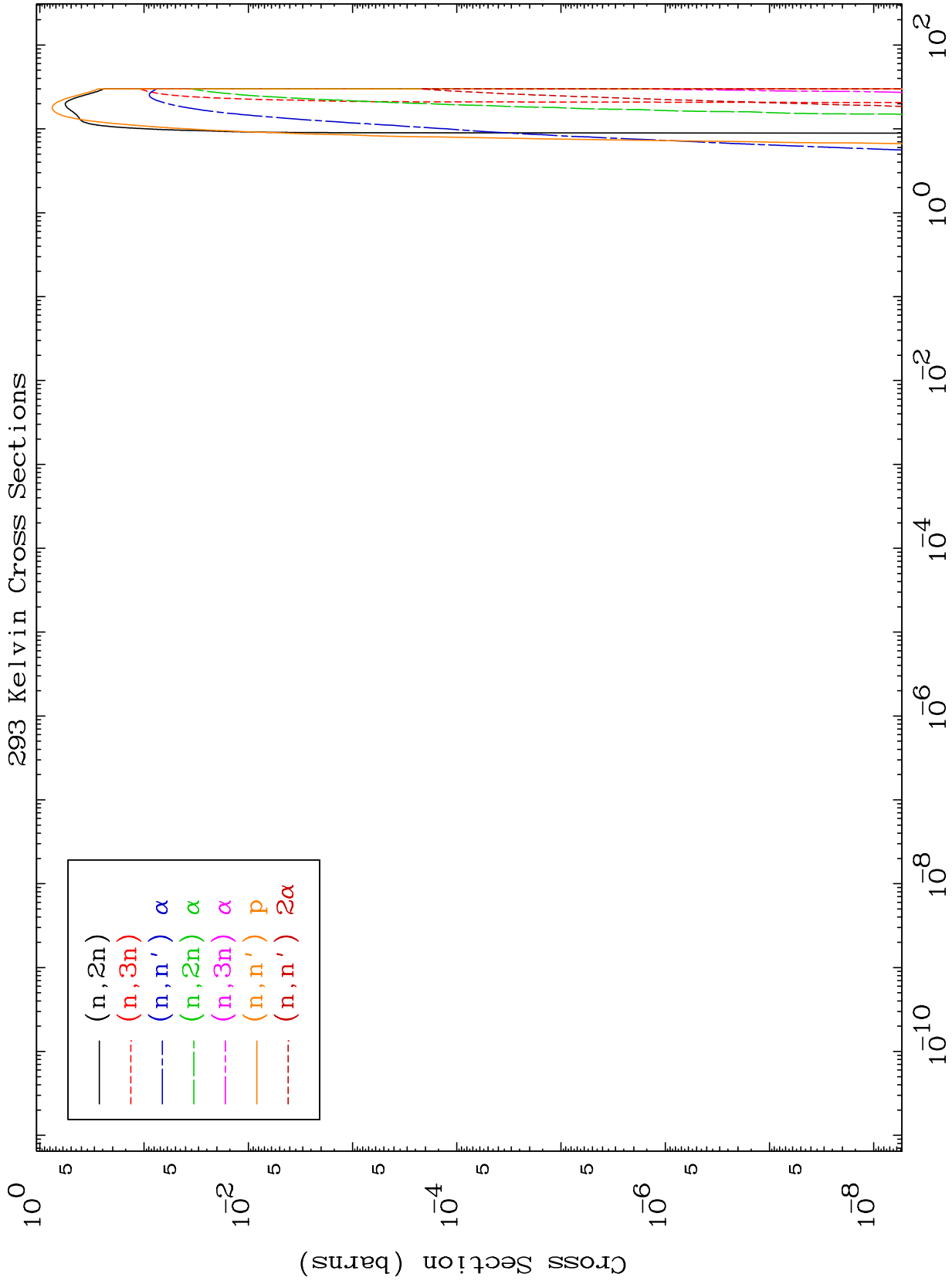
58-Ce-129

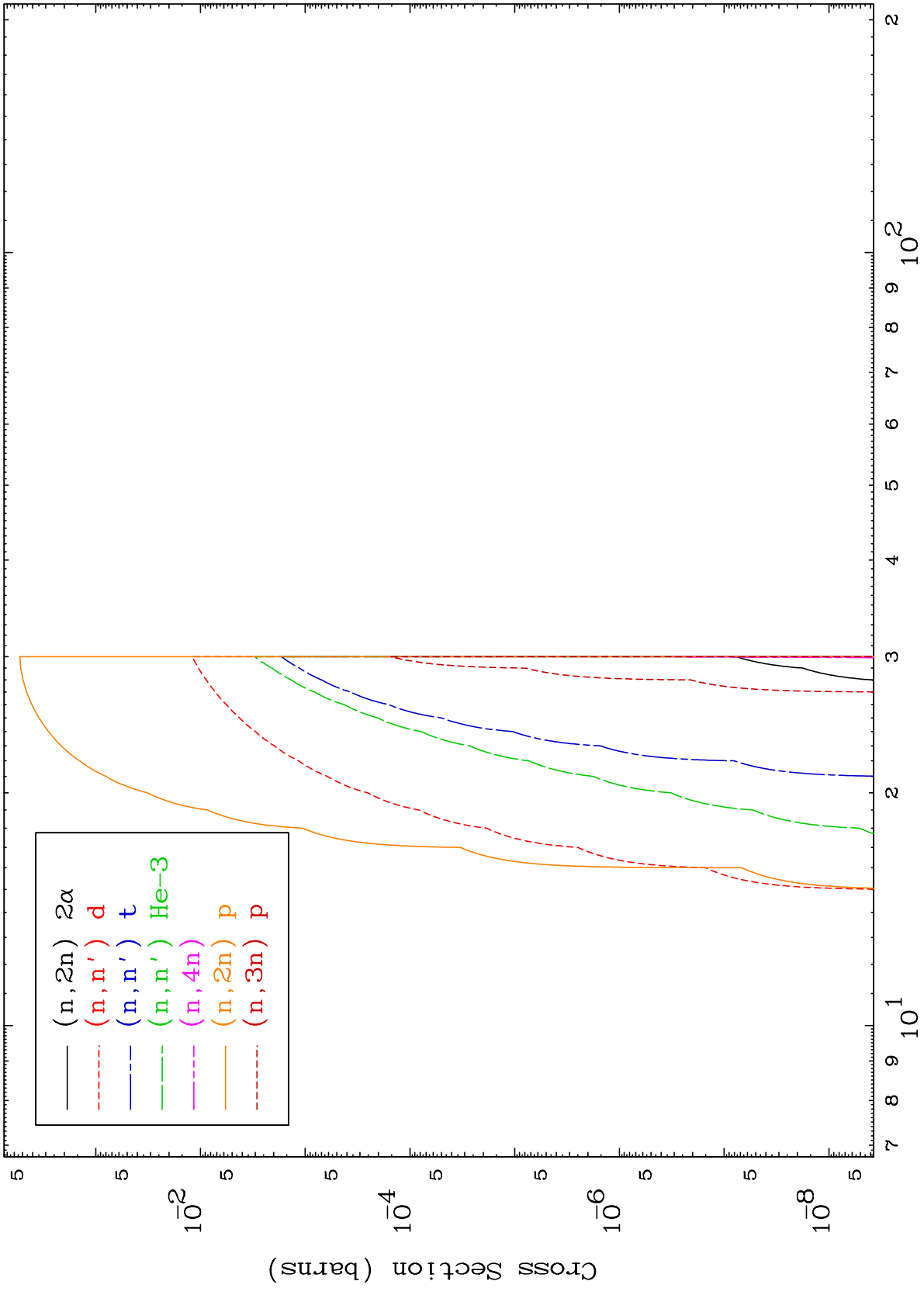


MAT 5804

Neutron Production  
293 Kelvin Cross Sections

58-Ce-129

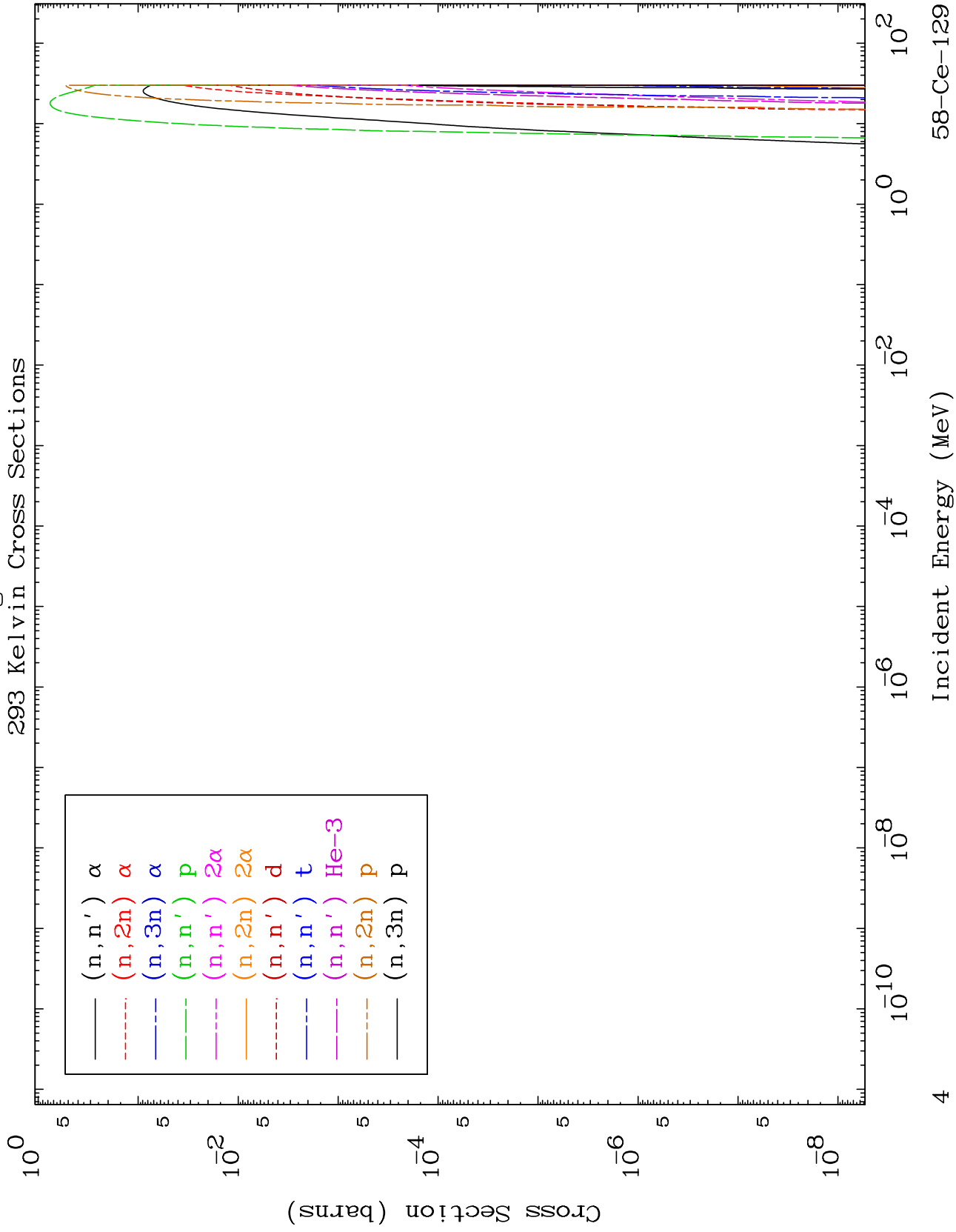




MAT 5804

293 Charged Particle  
Kelvin Cross Sections

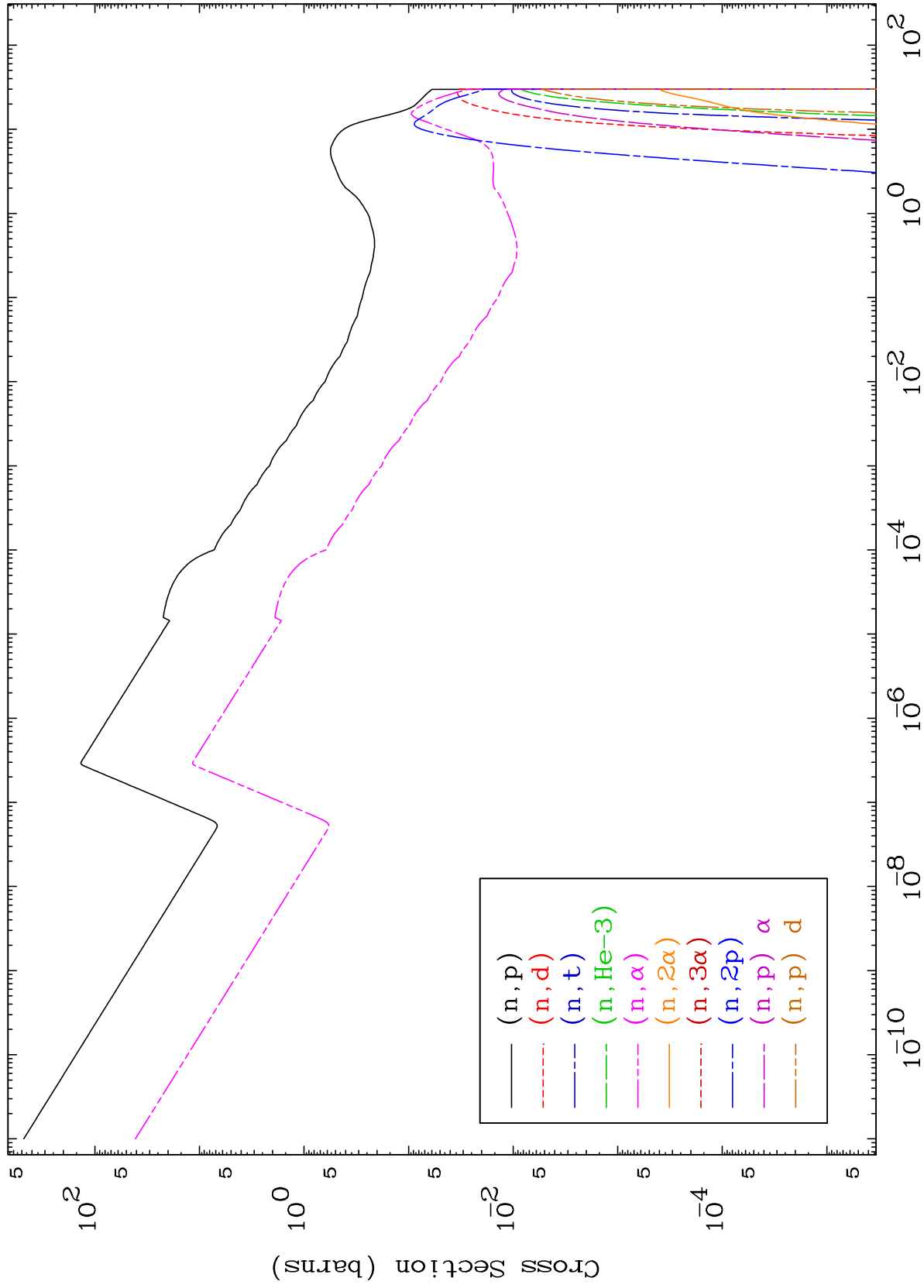
58-Ce-129



MAT 5804

Charged Particle  
293 Kelvin Cross Sections

58-Ce-129



5

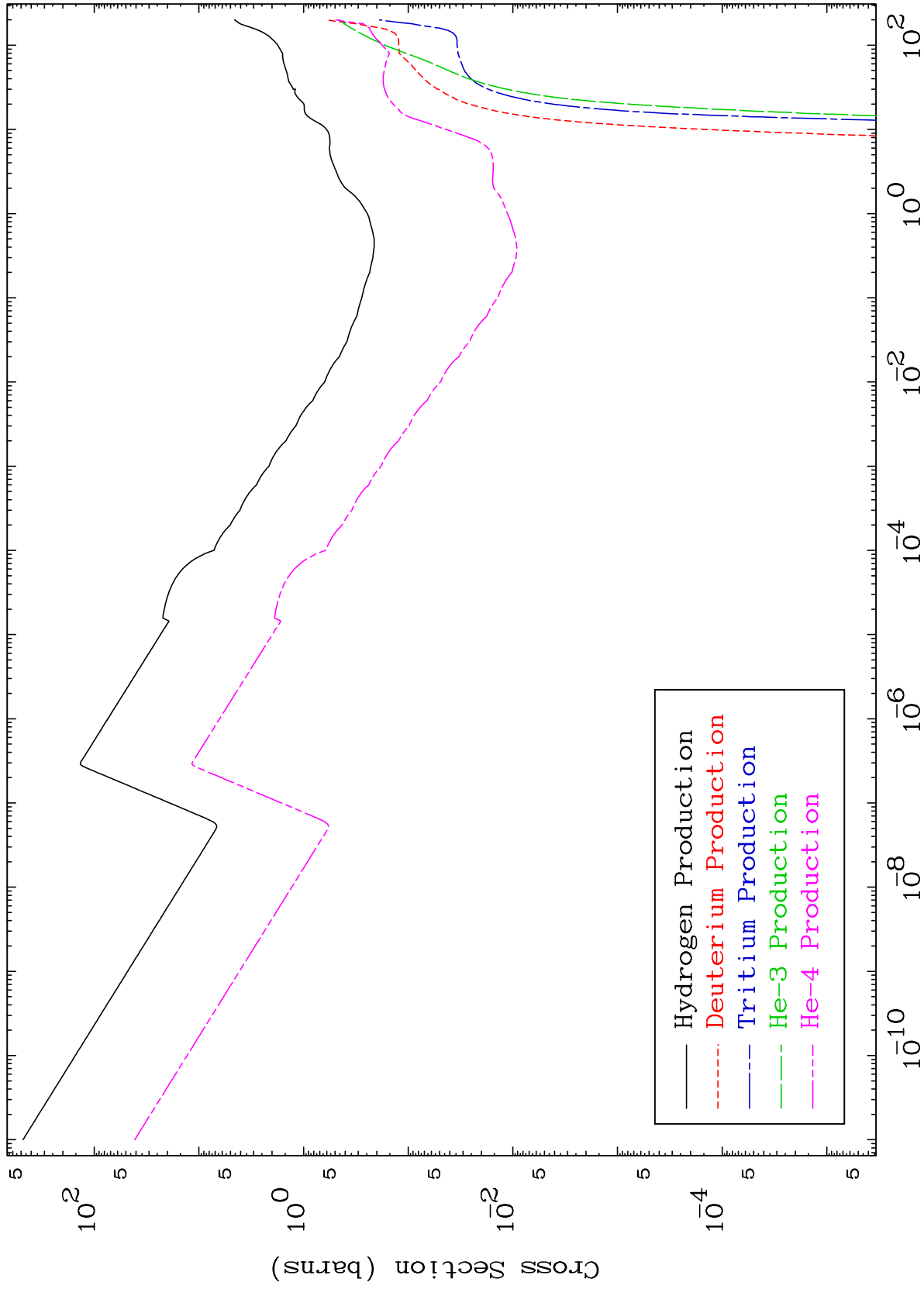
Incident Energy (MeV)

58-Ce-129

MAT 5804

Particle Production  
293 Kelvin Cross Sections

58-Ce-129



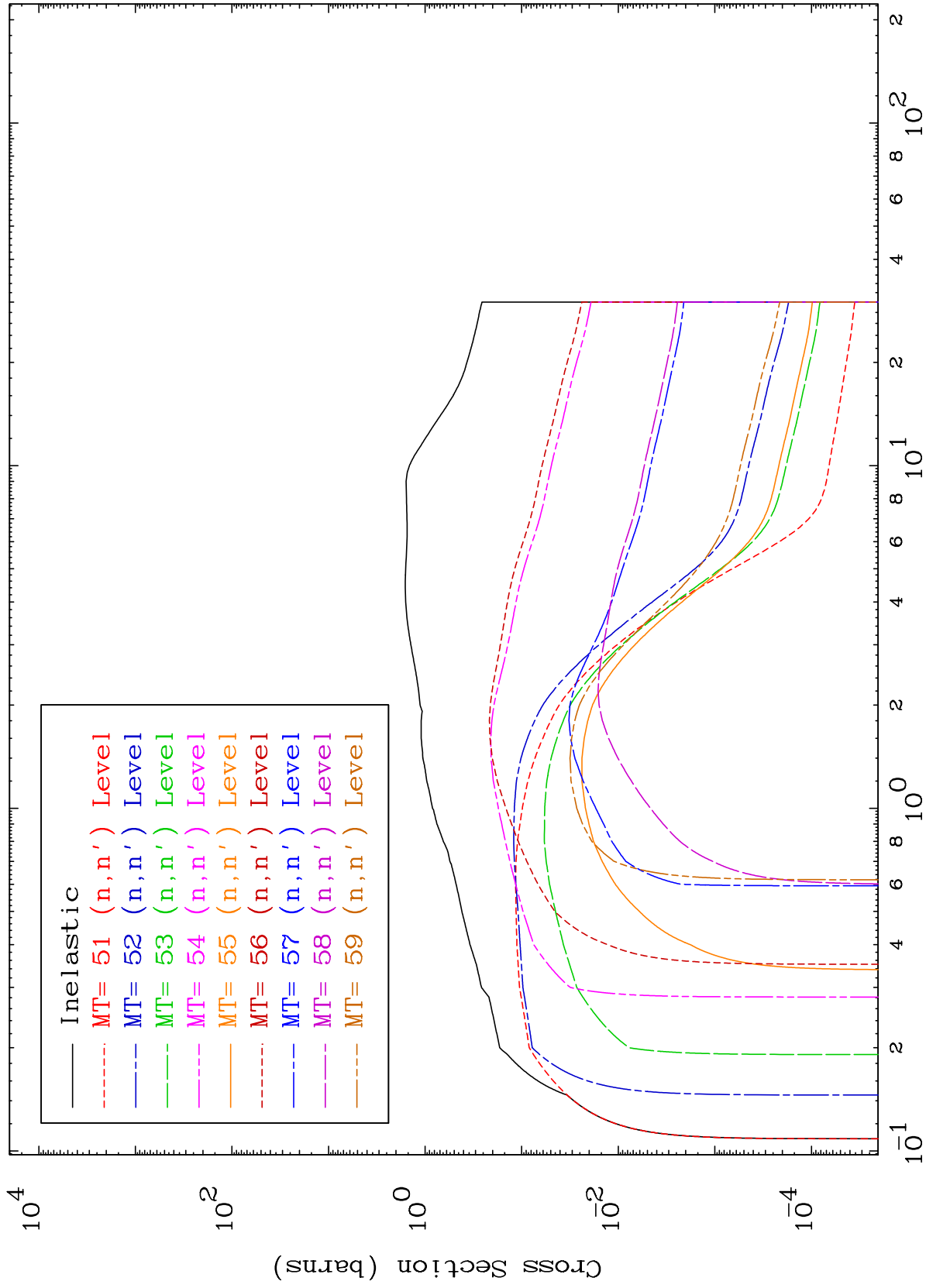
6

58-Ce-129

MAT 5804

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-129



7

Incident Energy (MeV)

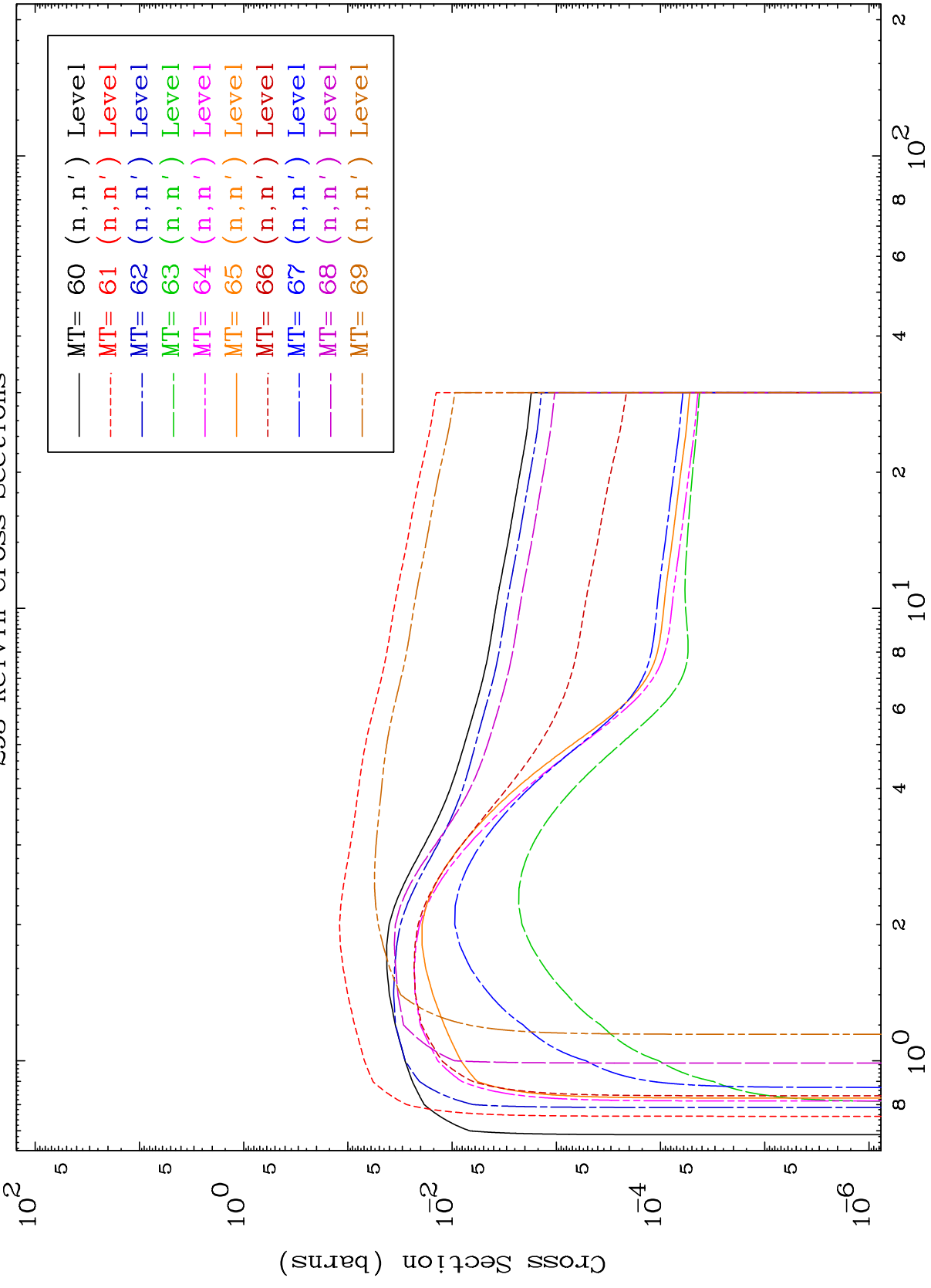
58-Ce-129



MAT 5804

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-129



8

Incident Energy (MeV)

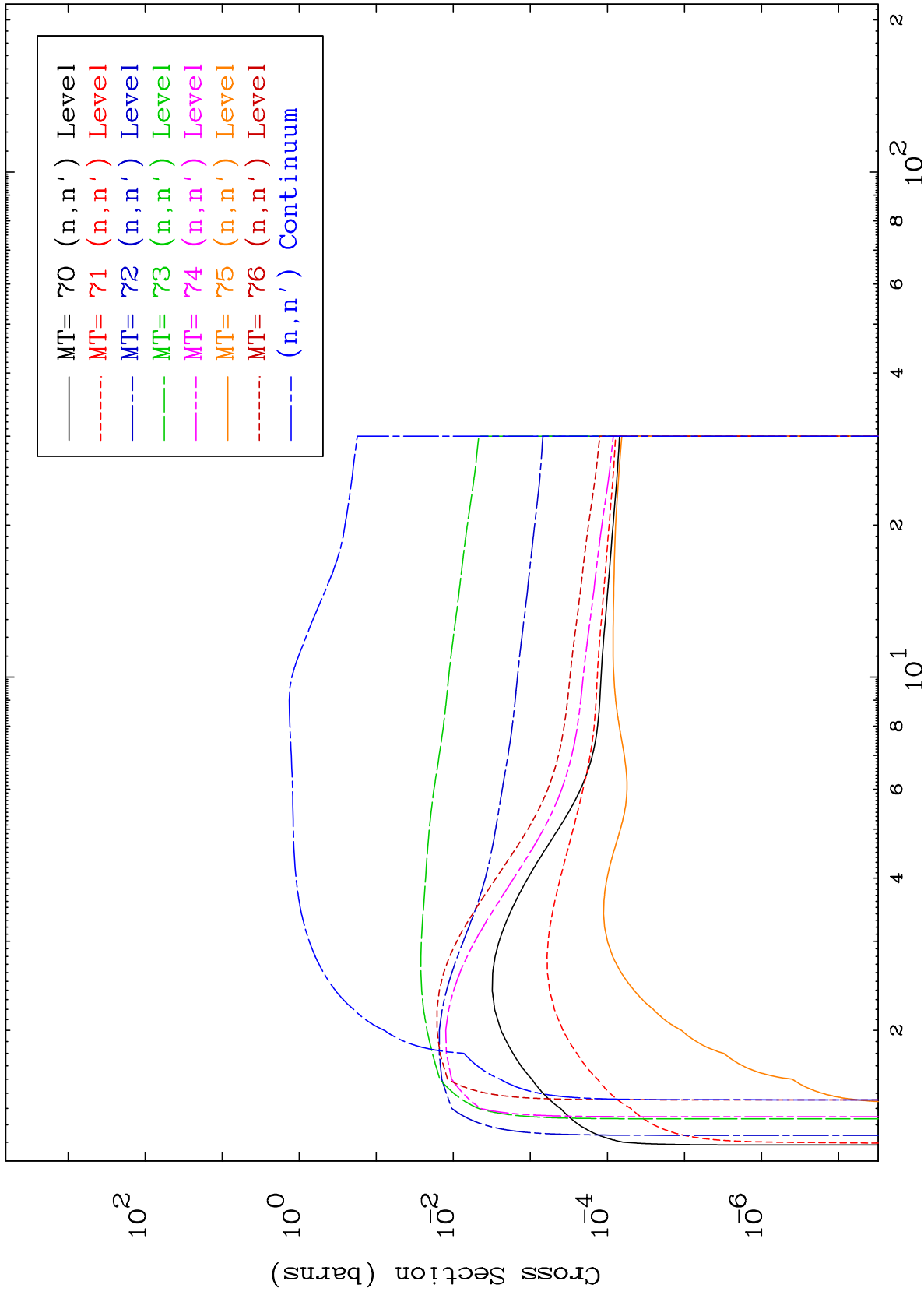
58-Ce-129

MAT 5804

(n,n') Level

58-Ce-129

293 Kelvin Cross Sections



9

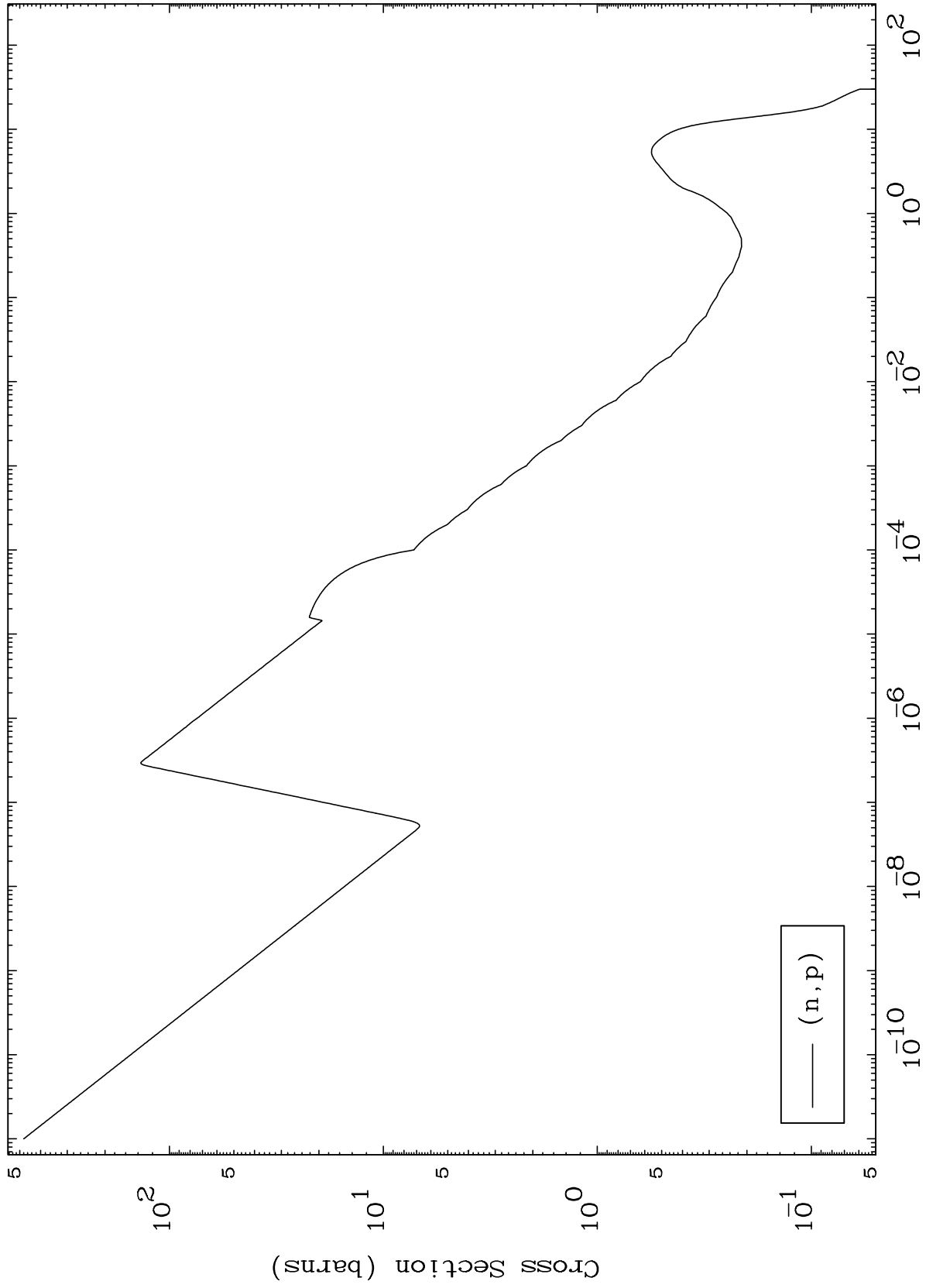
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-129



10

Incident Energy (MeV)

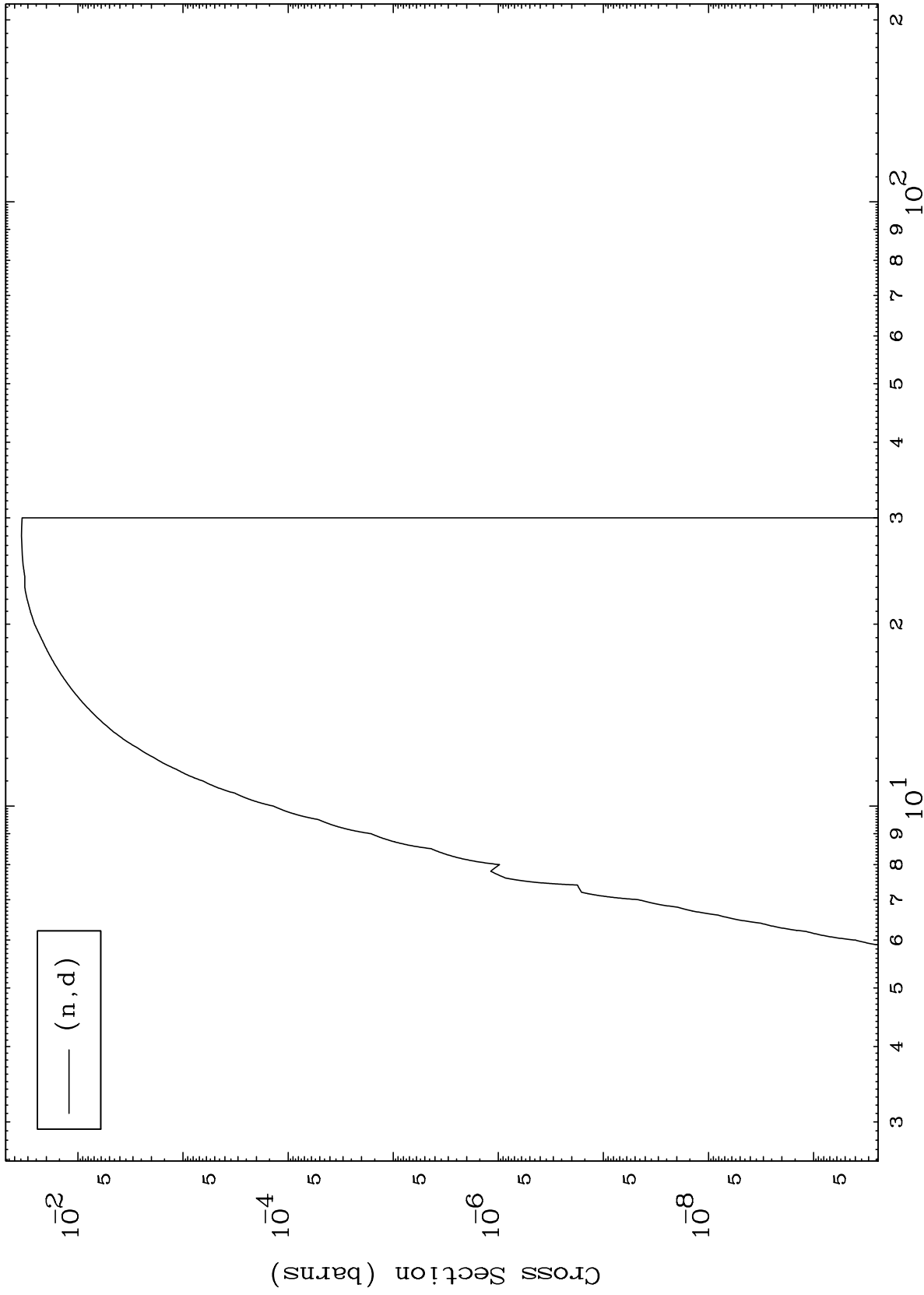
58-Ce-129

— (n, p)

MAT 5804

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-129



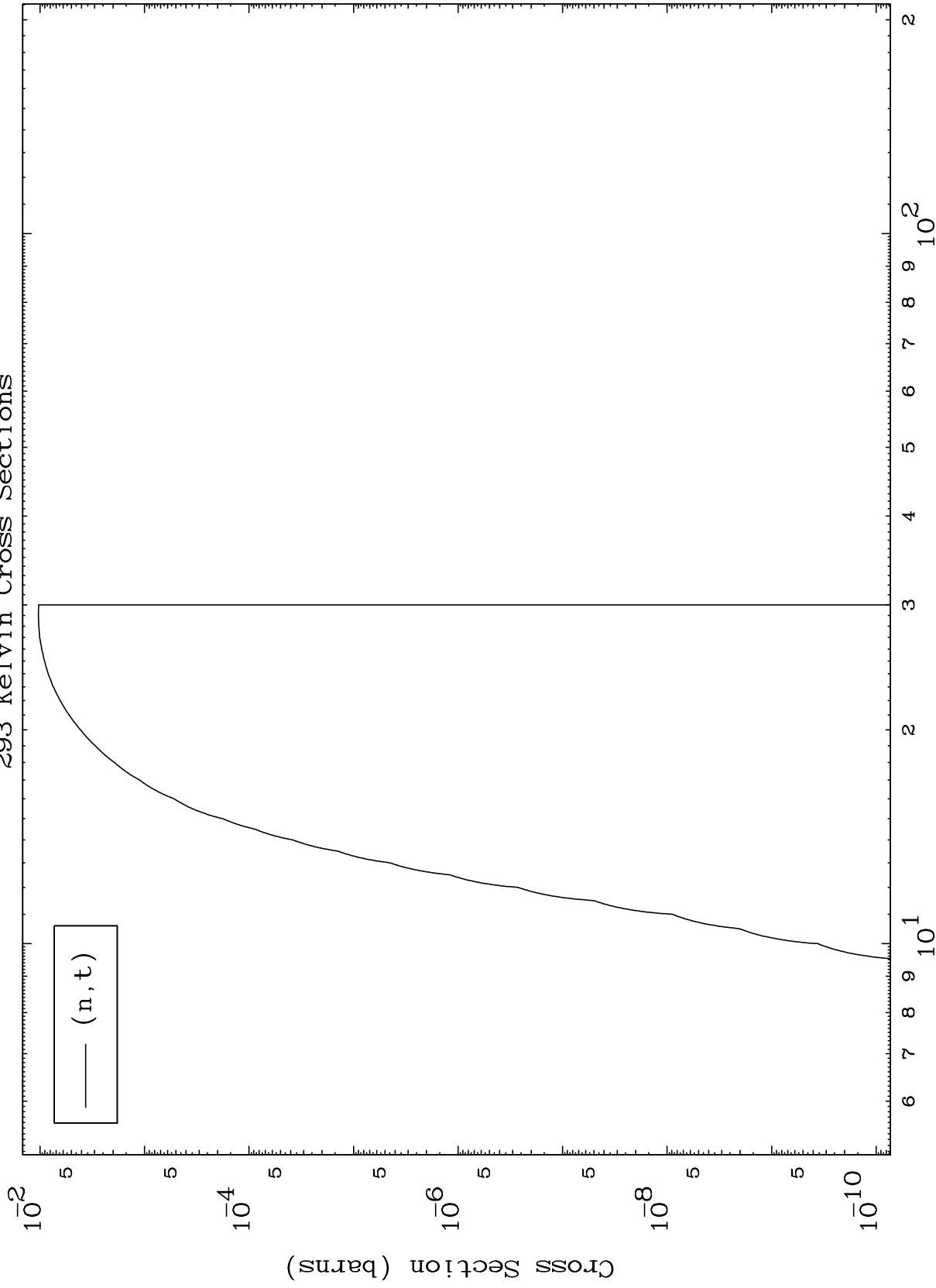
11

58-Ce-129

MAT 5804

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-129



12

Incident Energy (MeV)

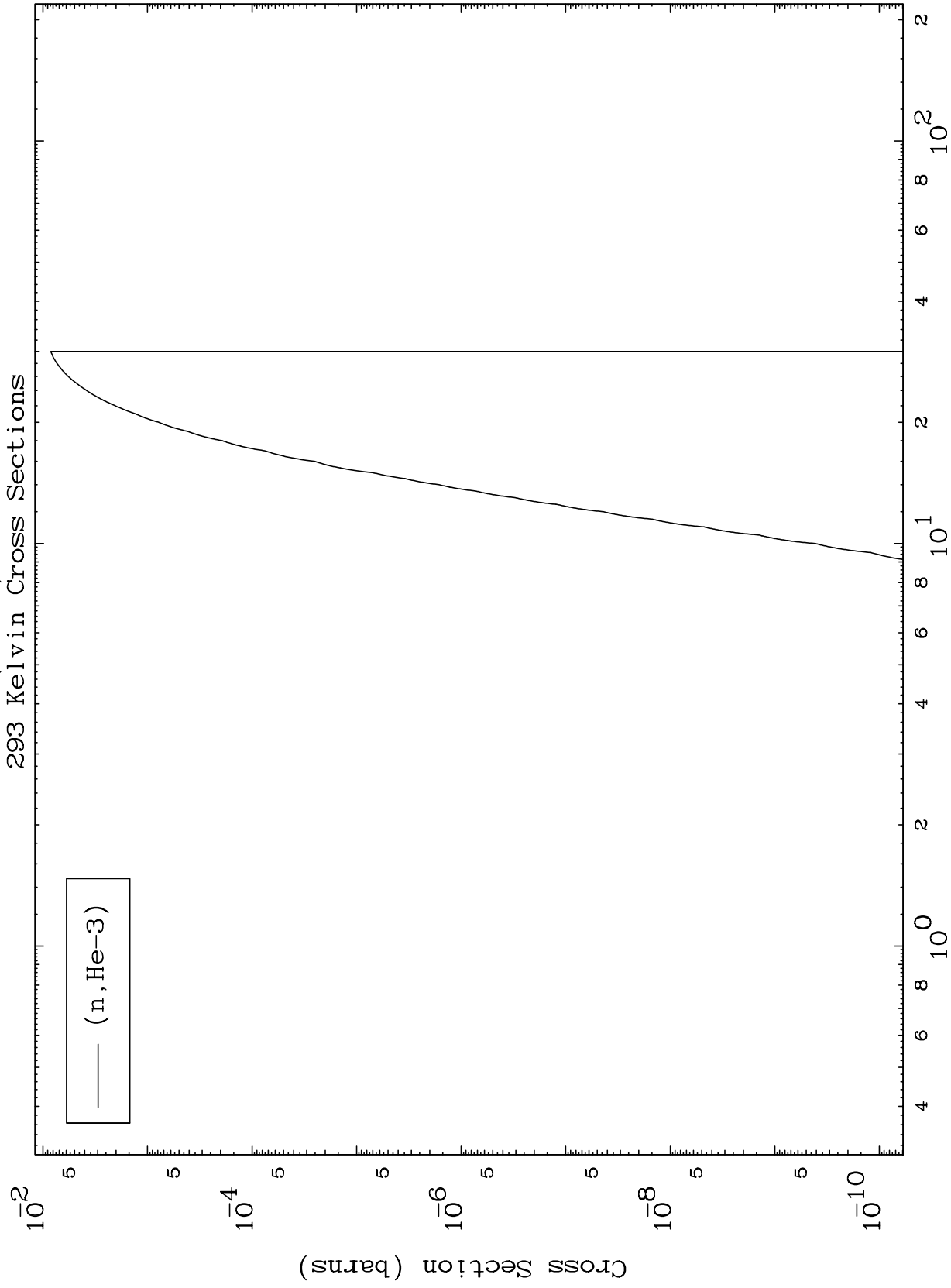
58-Ce-129

MAT 5804

(n,He3) Levels

58-Ce-129

293 Kelvin Cross Sections



13

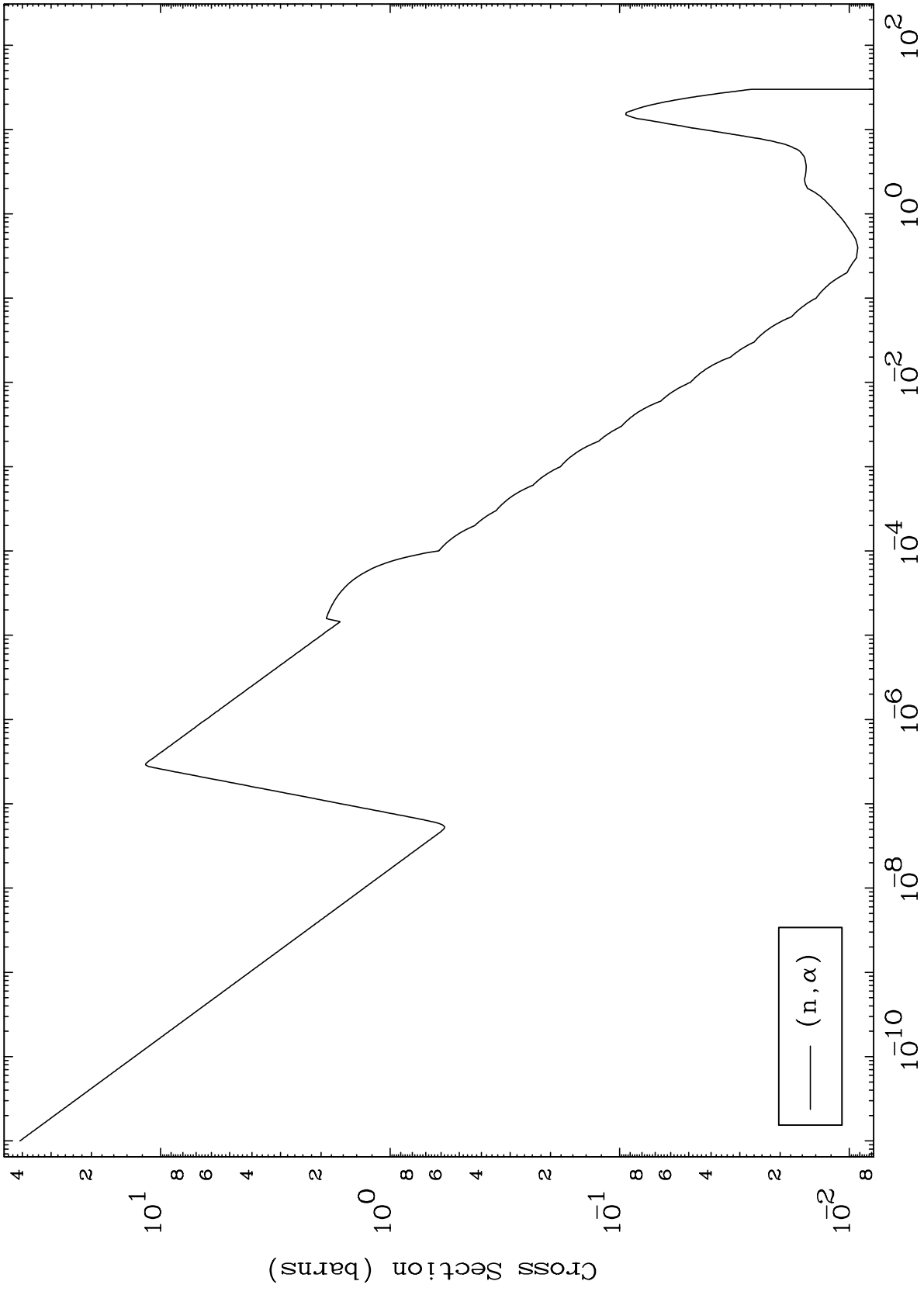
Incident Energy (MeV)

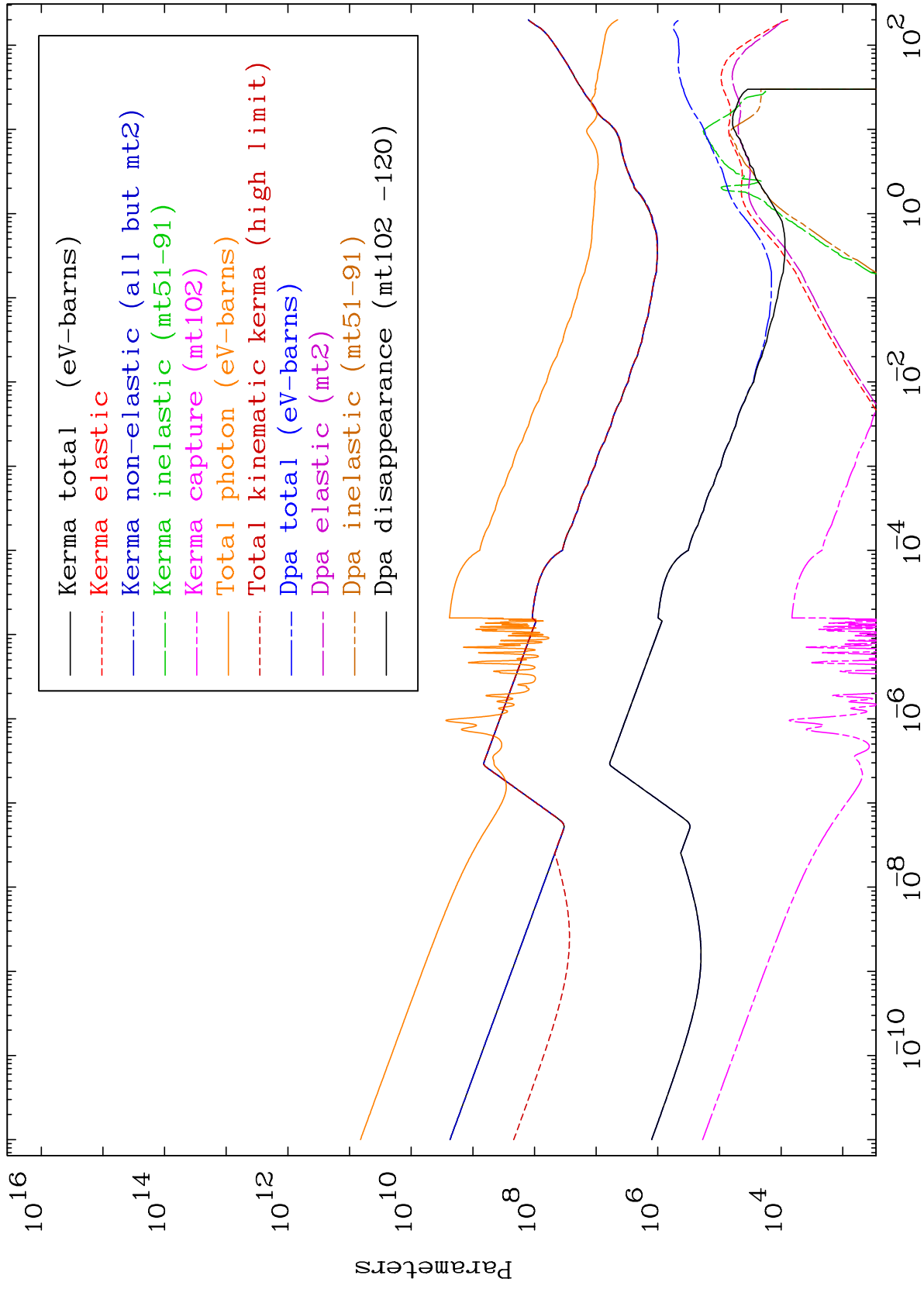
58-Ce-129

MAT 5804

(n,α) Levels  
293 Kelvin Cross Sections

58-Ce-129



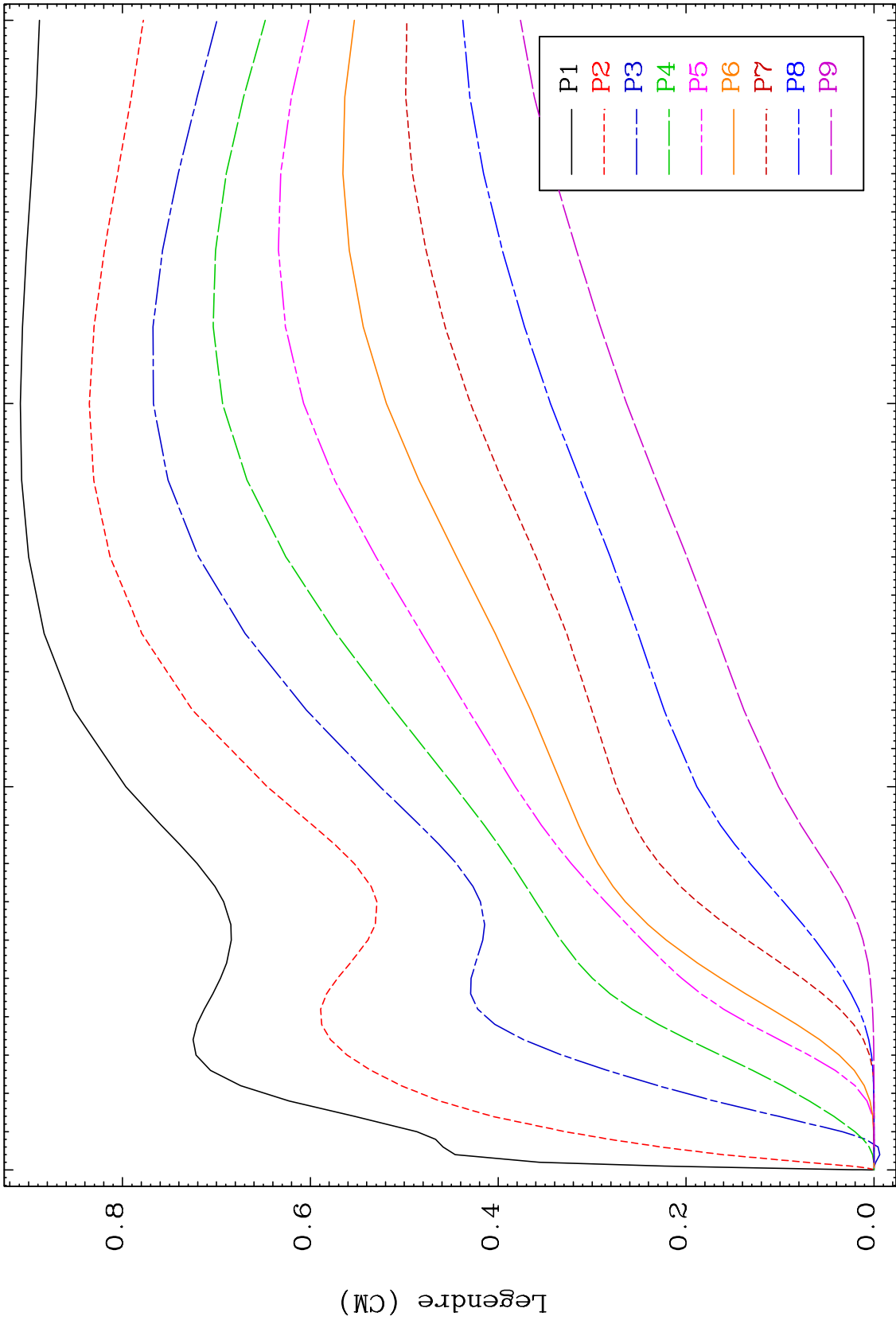




MAT 5804

Elastic Legendre Coefficients

58-Ce-129



16

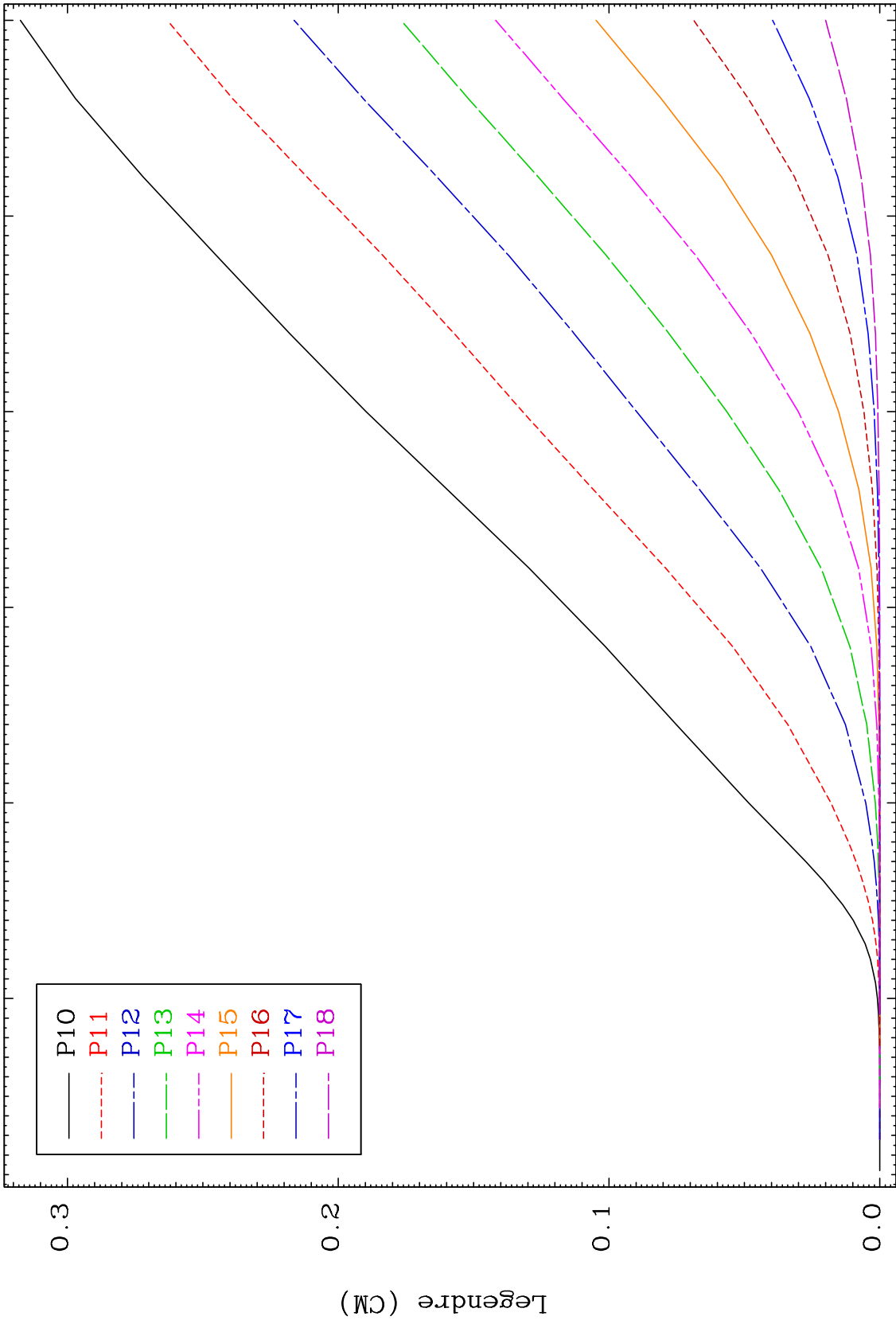
Incident Energy (MeV)

58-Ce-129

MAT 5804

Elastic Legendre Coefficients

58-Ce-129



17

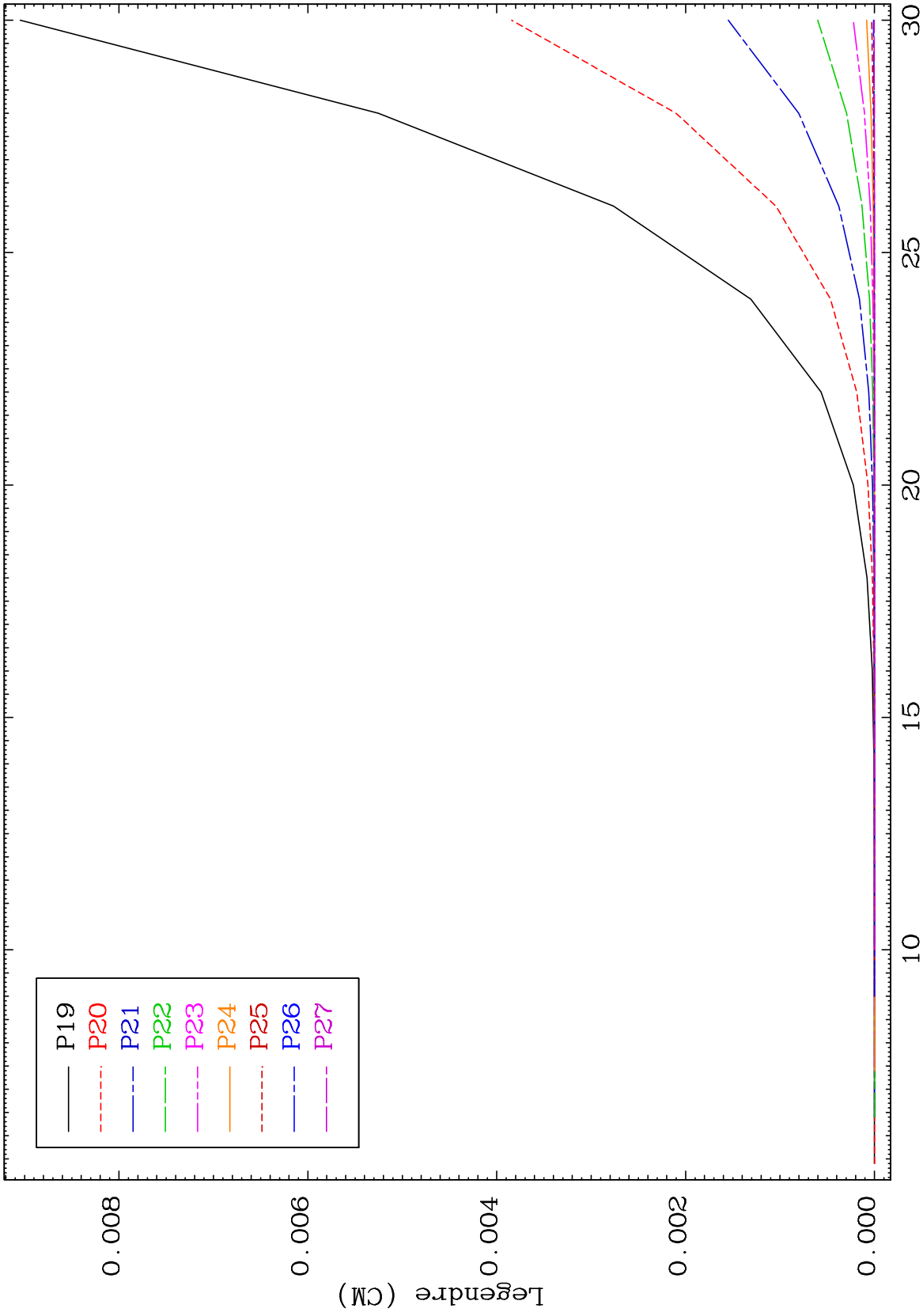
Incident Energy (MeV)

58-Ce-129

MAT 5804

### Elastic Legendre Coefficients

58-Ce-129



18

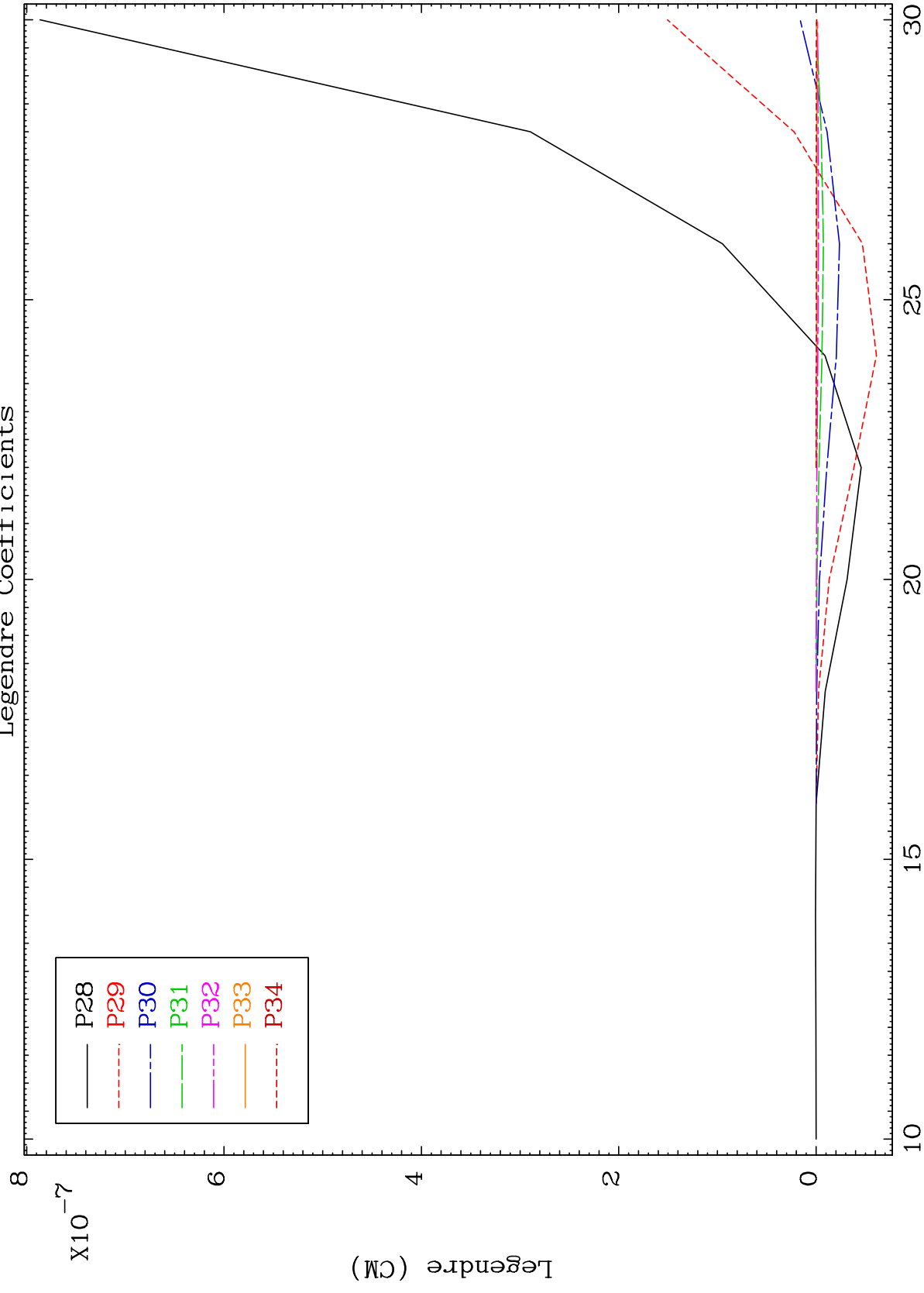
Incident Energy (MeV)

58-Ce-129

MAT 5804

Elastic Legendre Coefficients

58-Ce-129



19

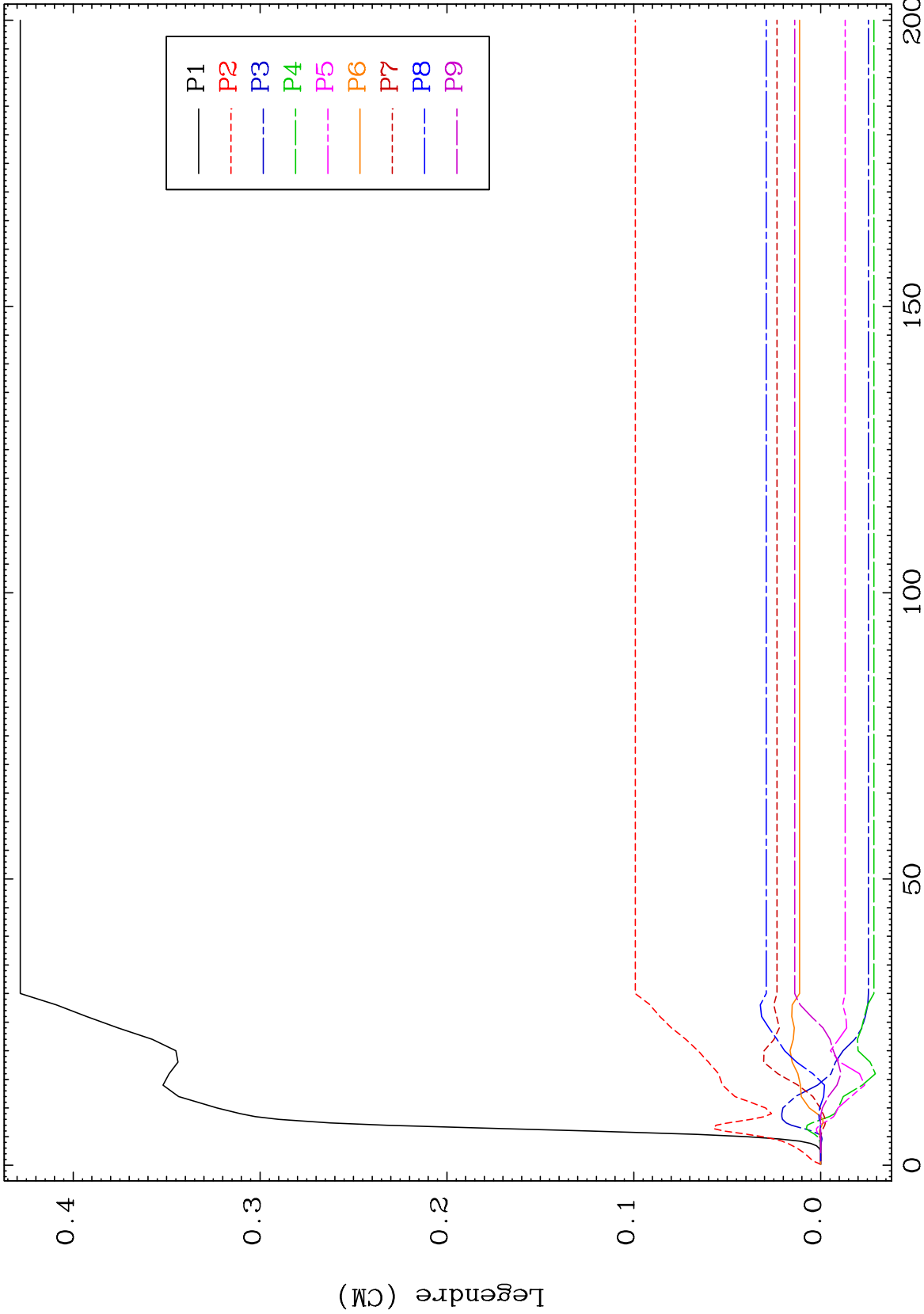
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



58-Ce-129

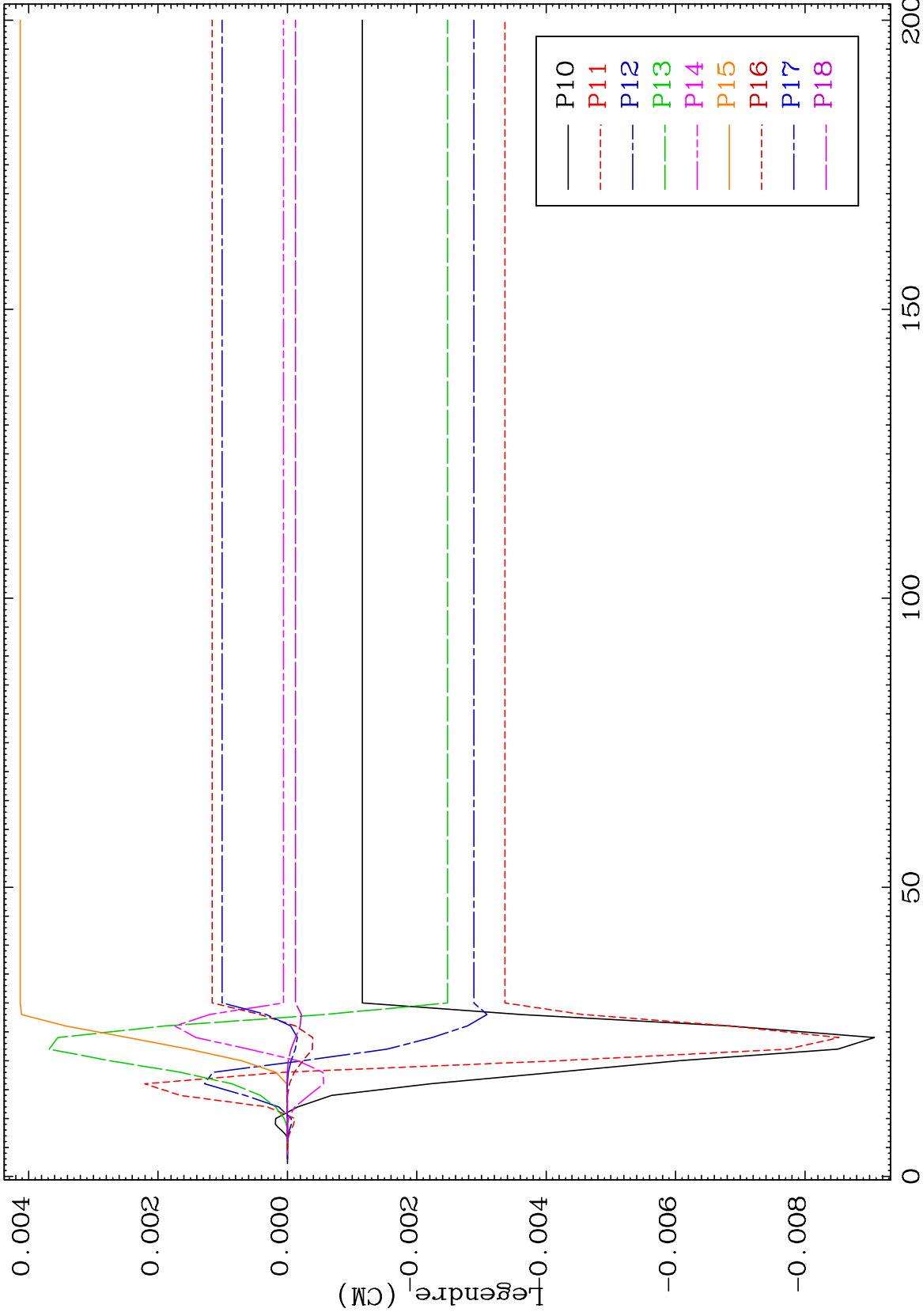
Incident Energy (MeV)

20

MAT 5804

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

58-Ce-129



21

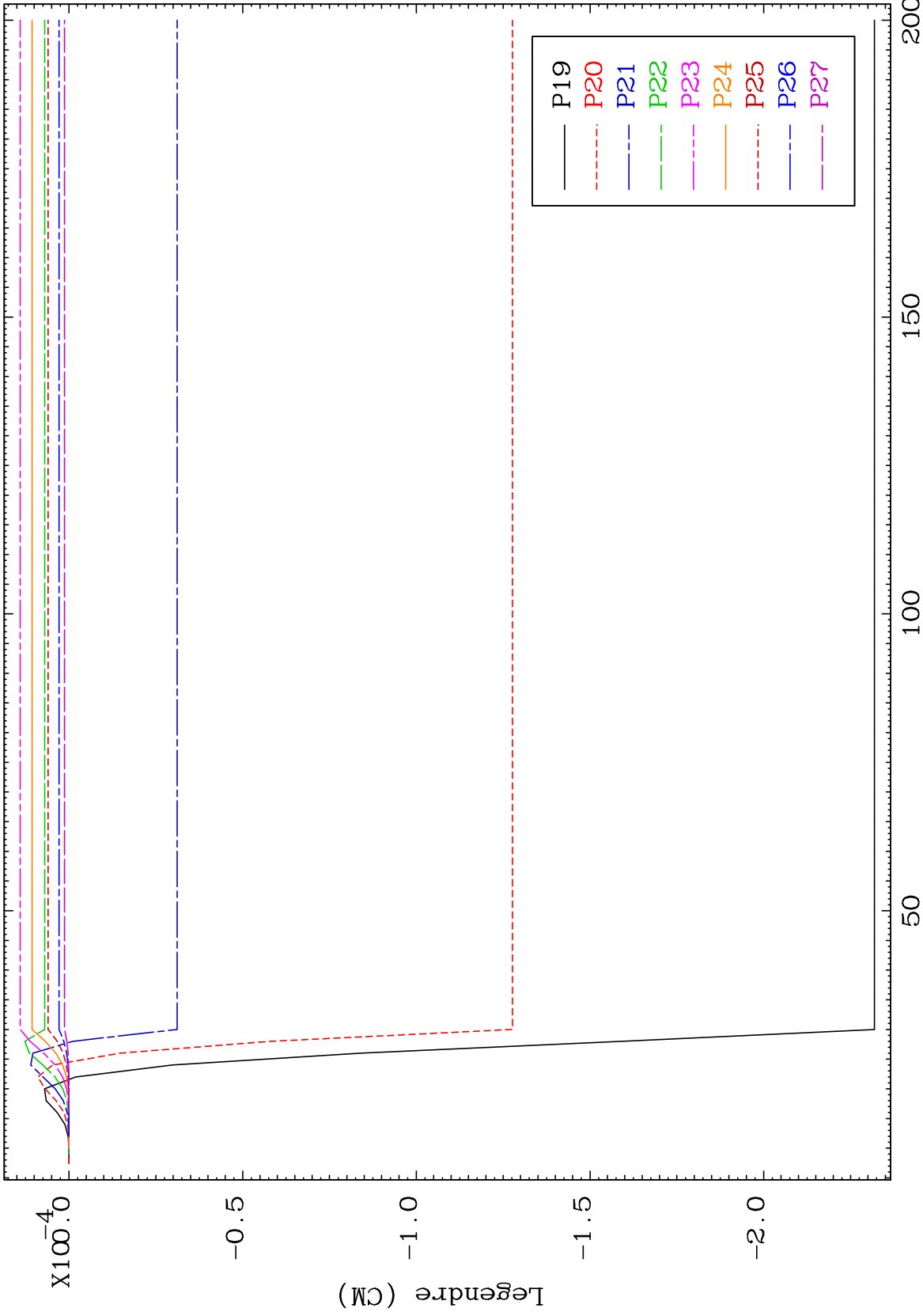
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



22

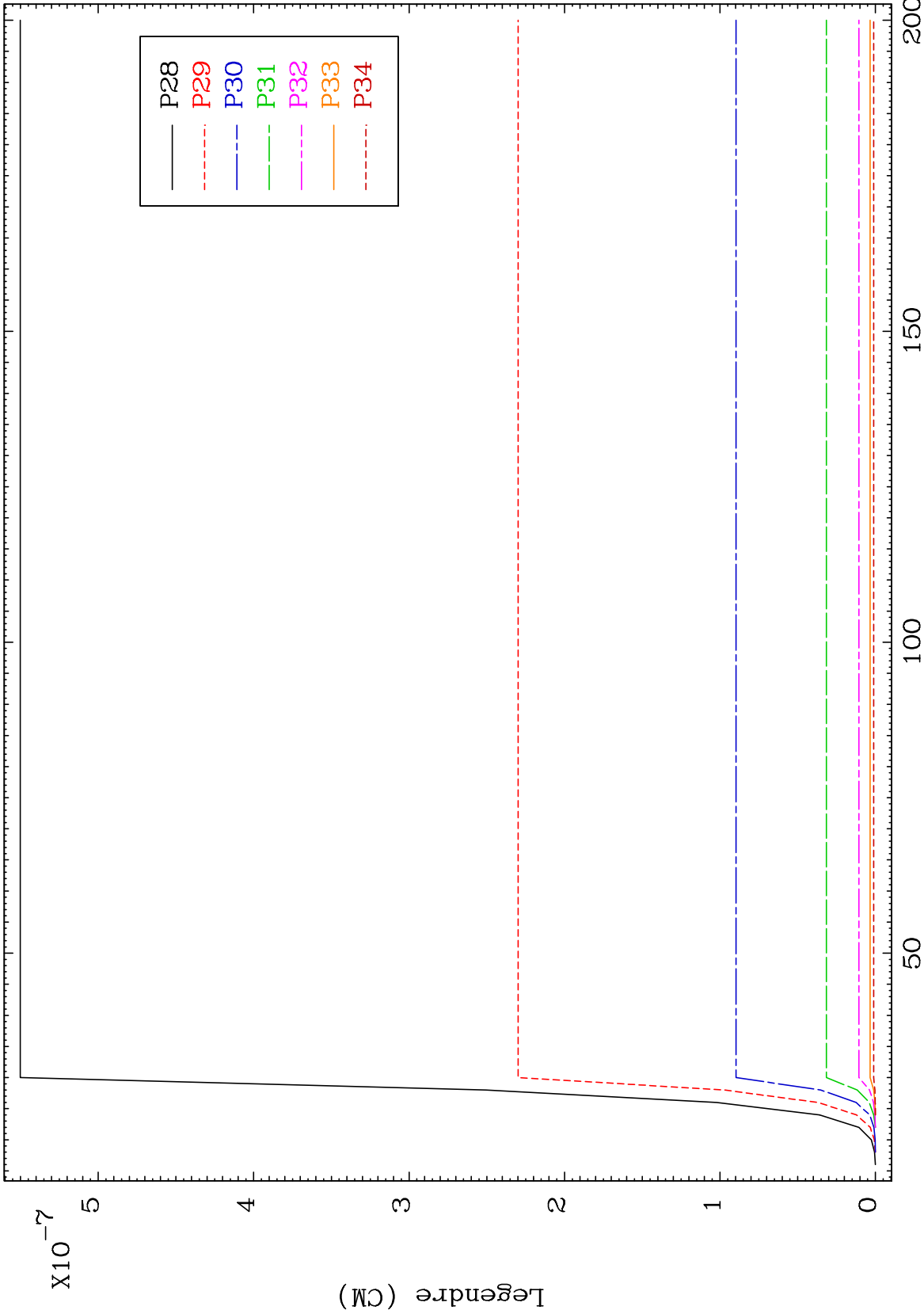
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



23

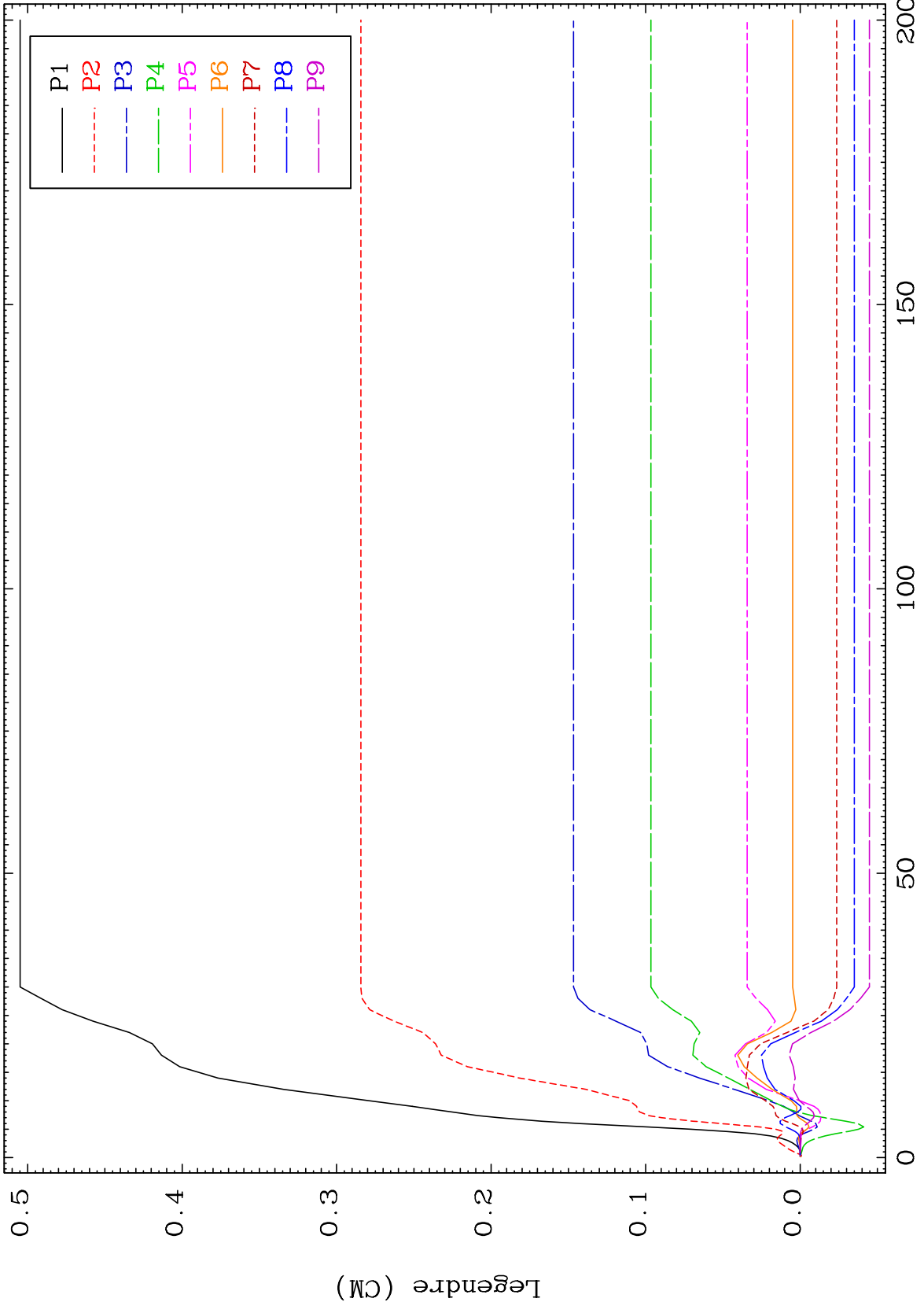
58-Ce-129



MAT 5804

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

58-Ce-129



24

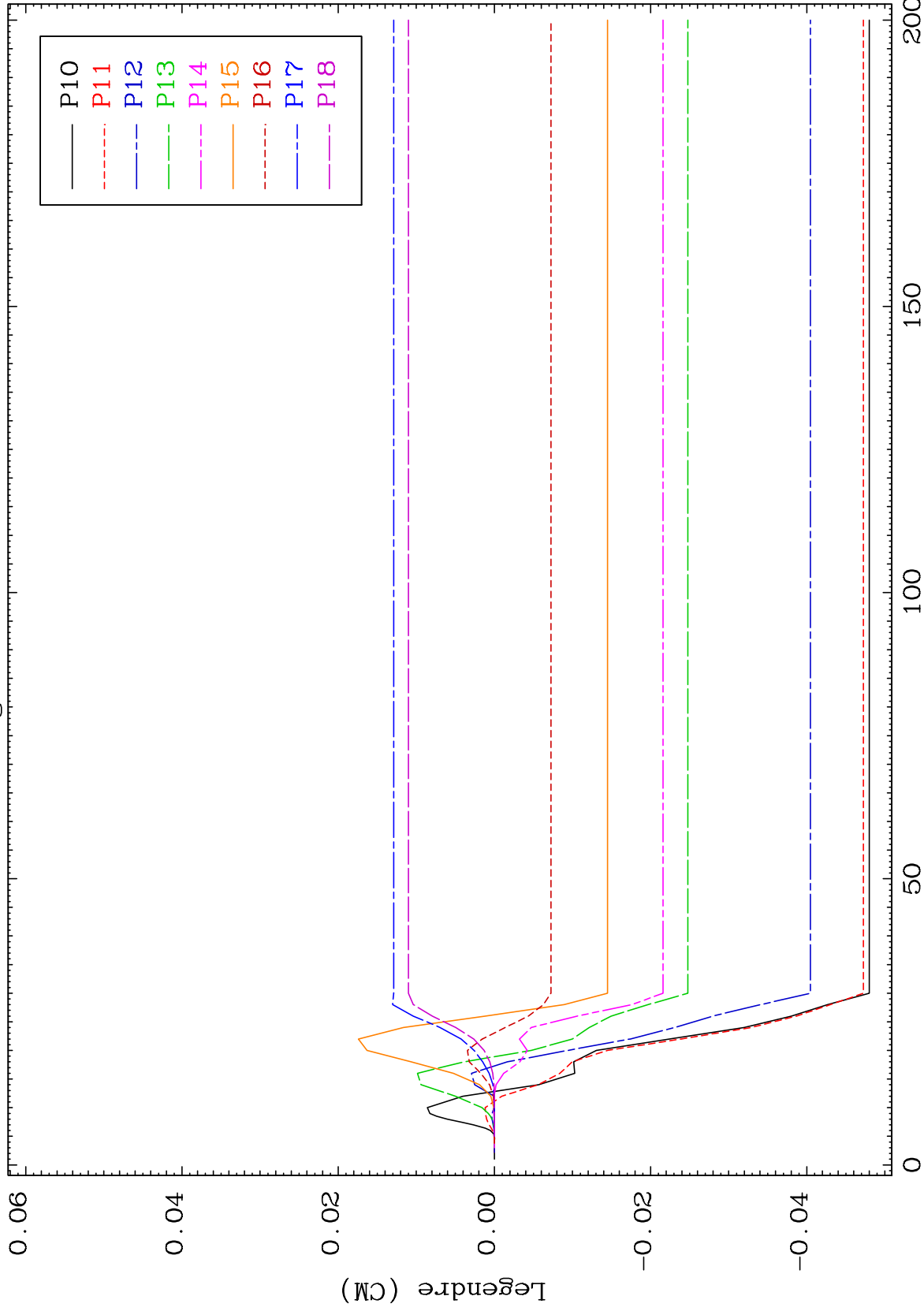
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



25

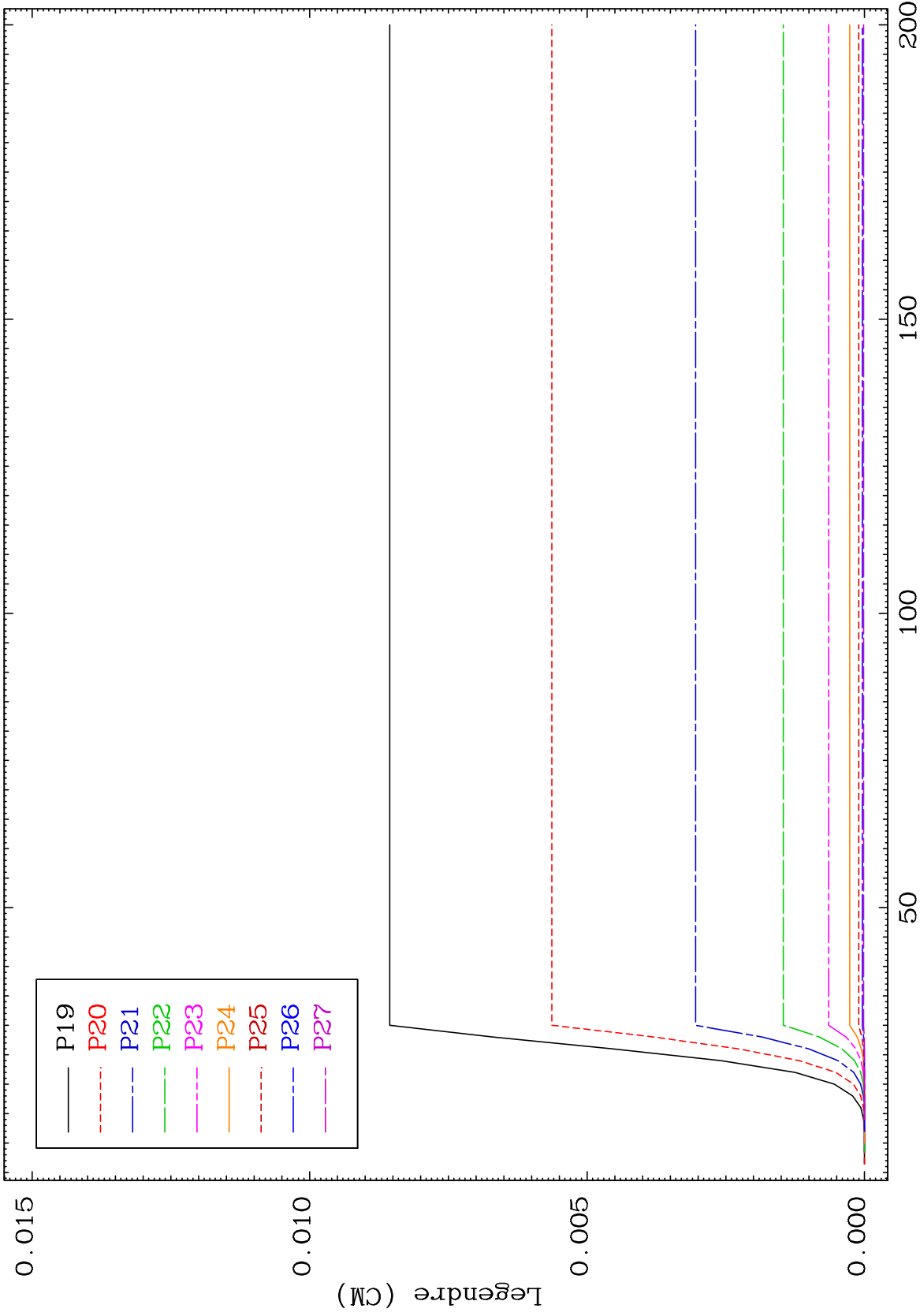
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



26

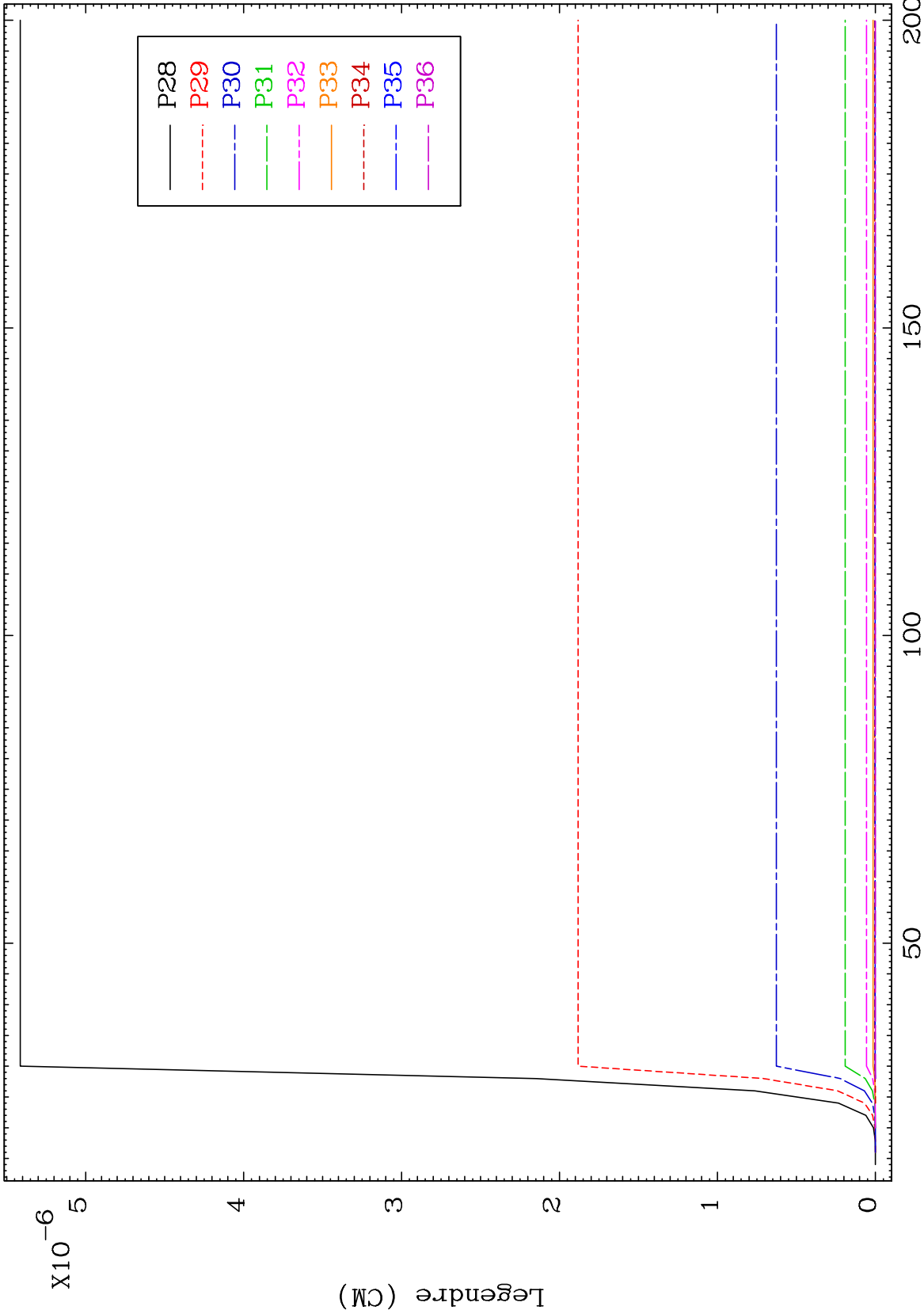
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



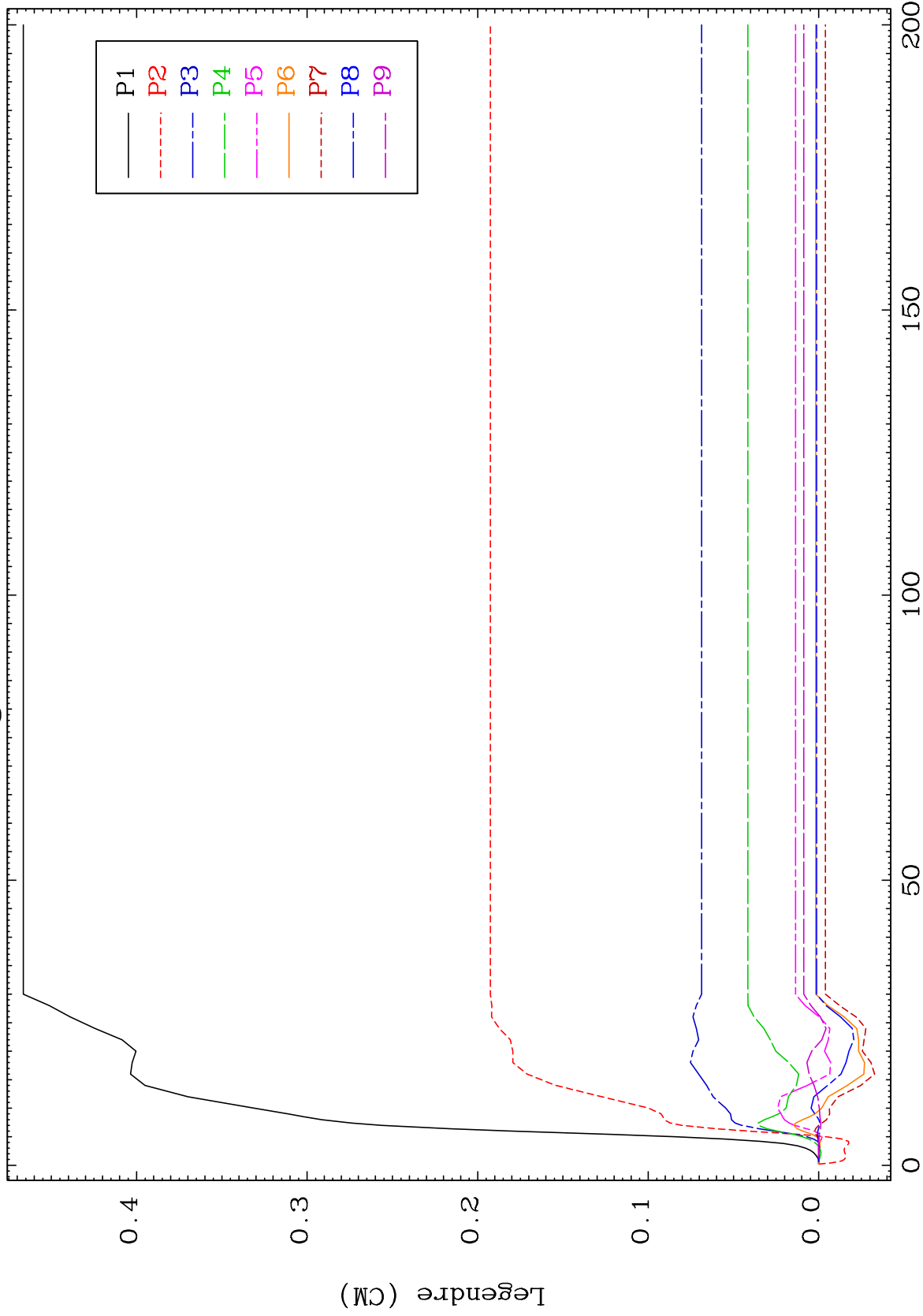
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58-Ce-129

MAT 5804

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

58-Ce-129



28

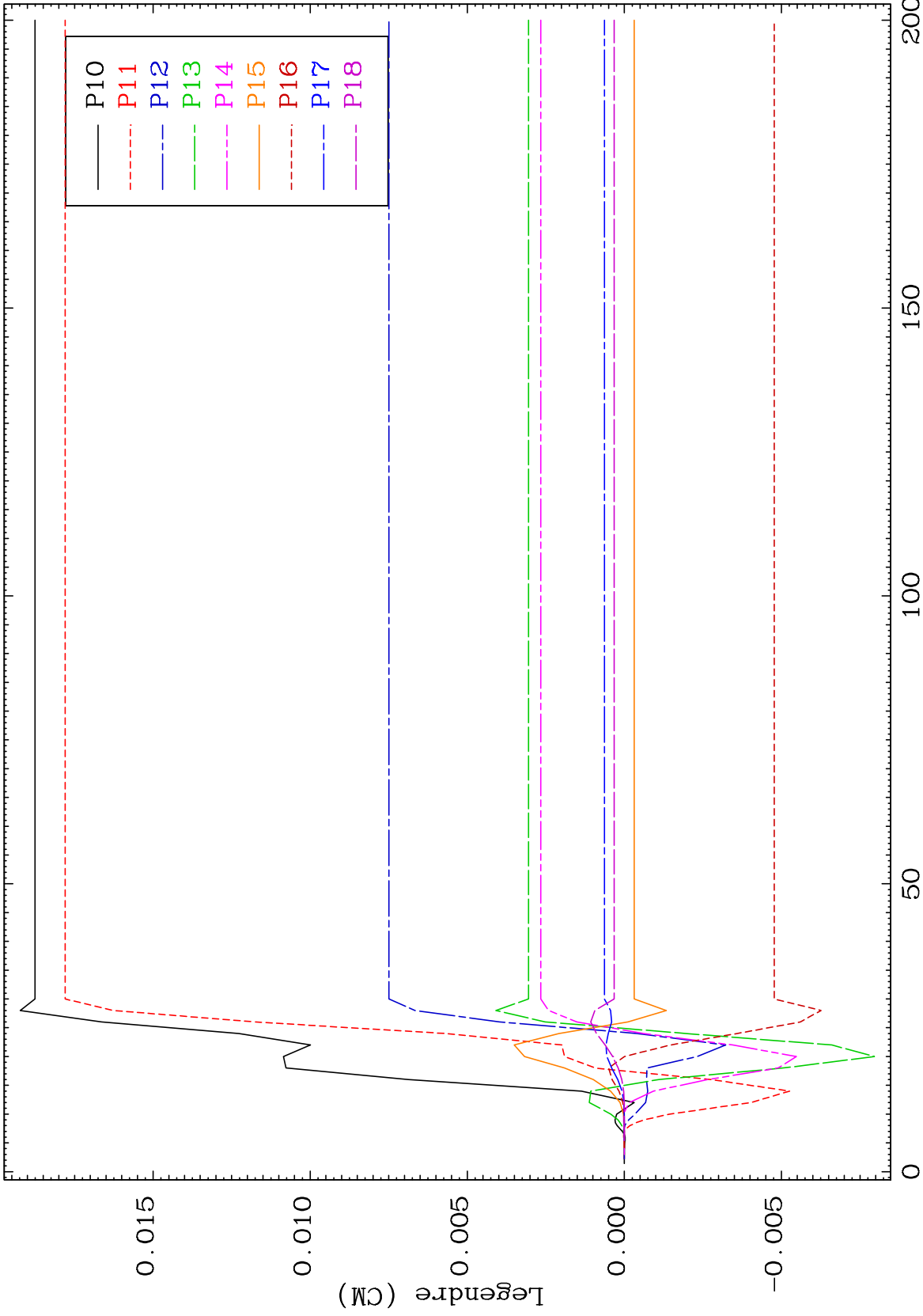
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



29

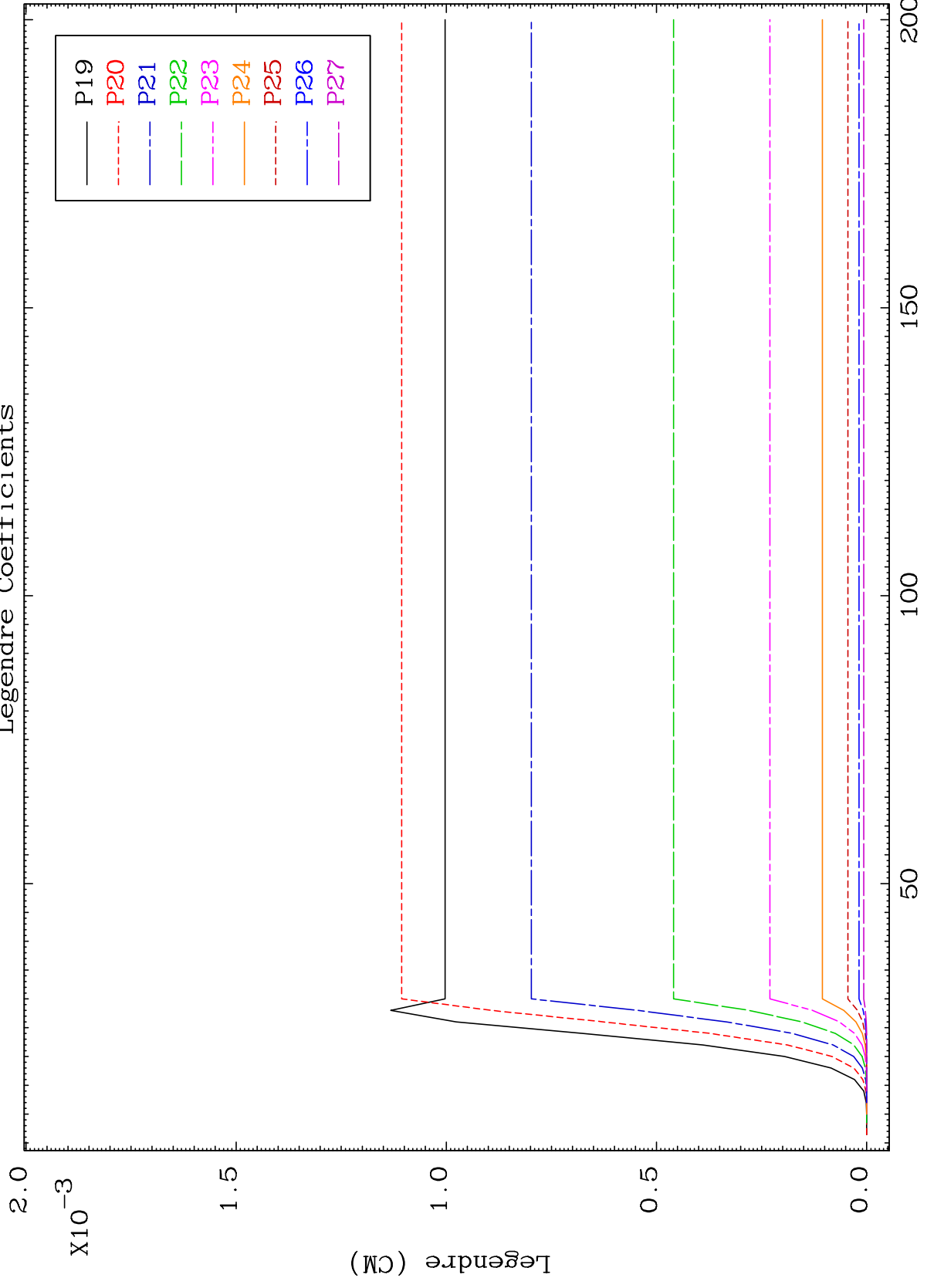
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



30

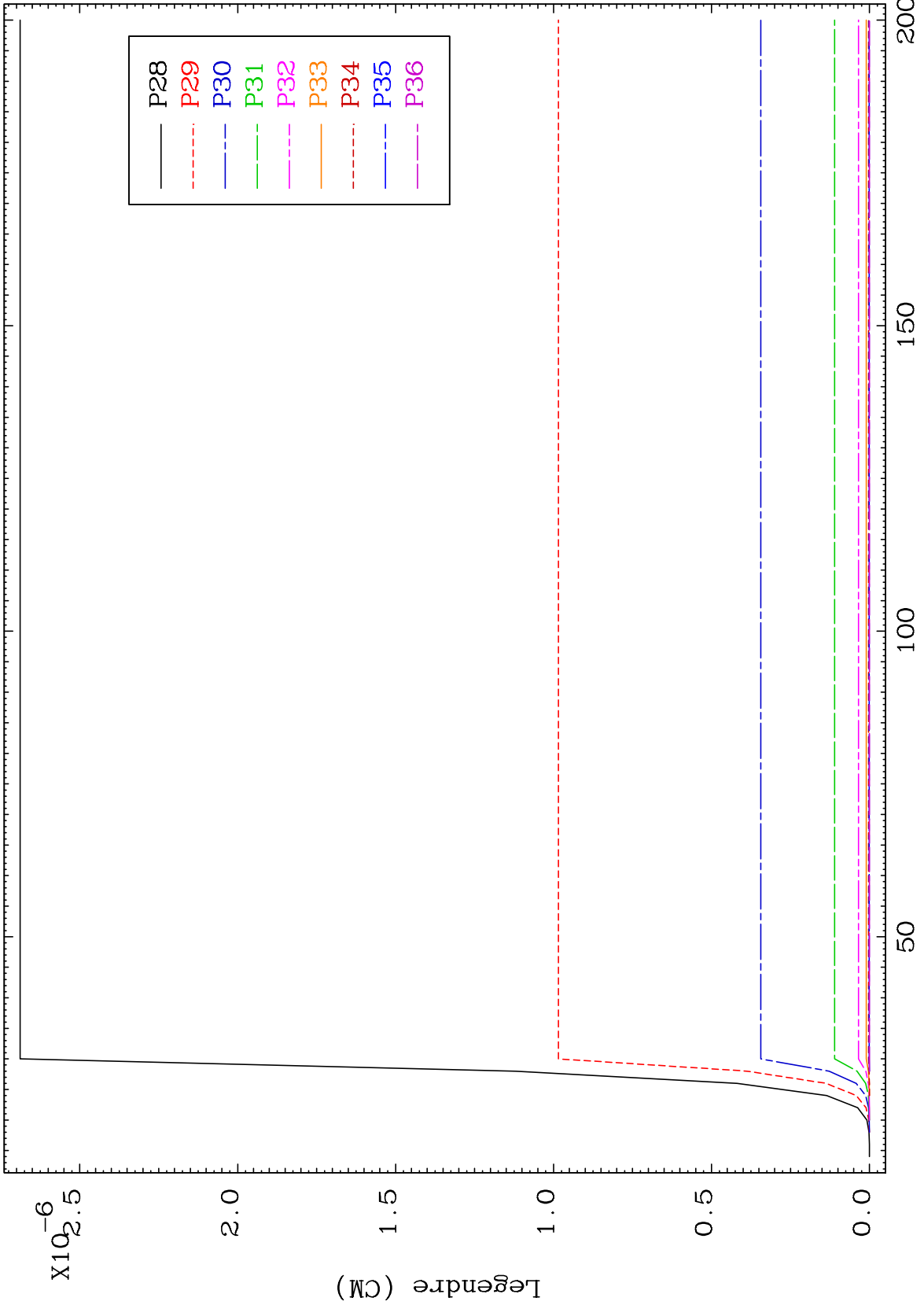
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



31

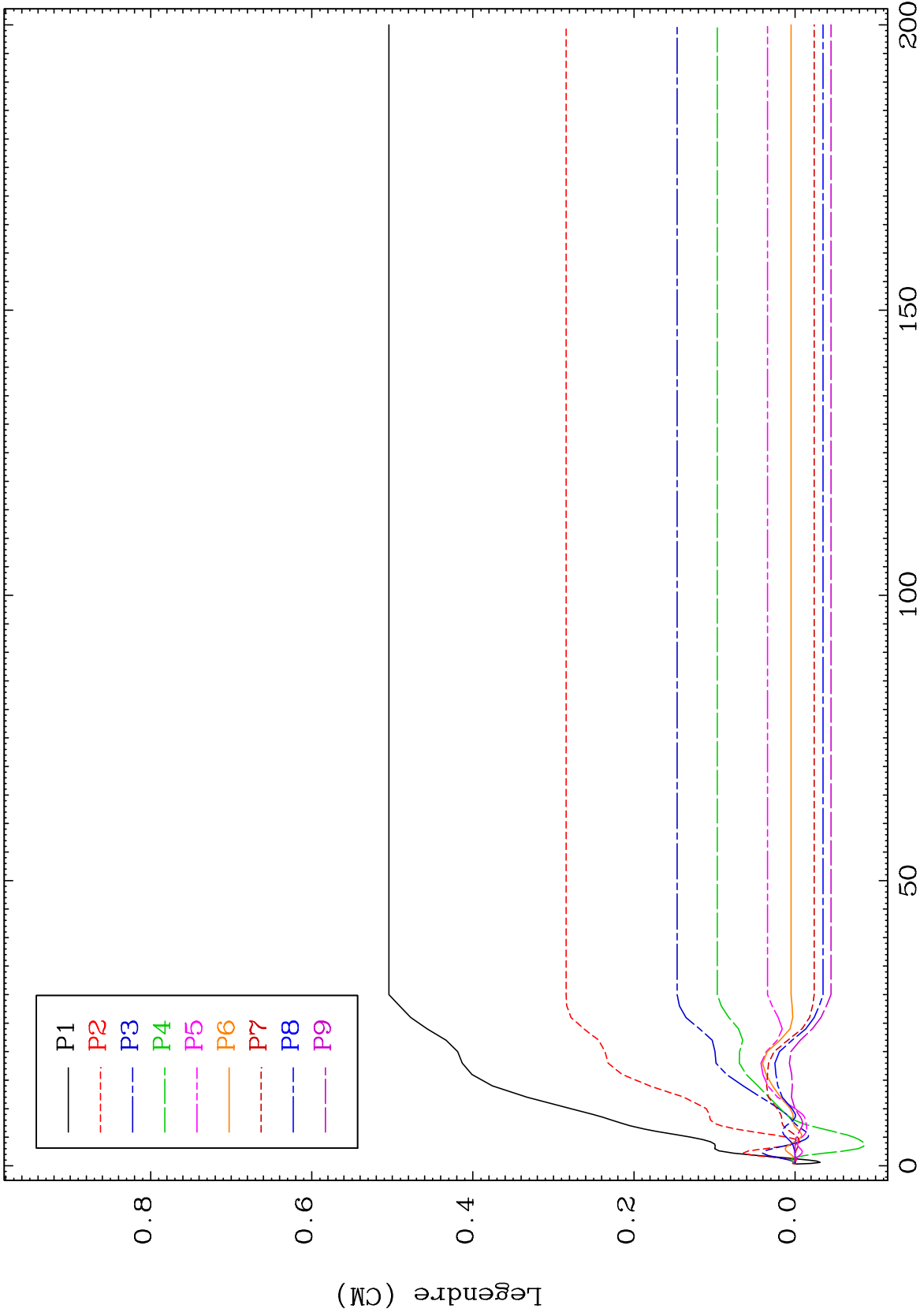
58-Ce-129



MAT 5804

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

58-Ce-129



32

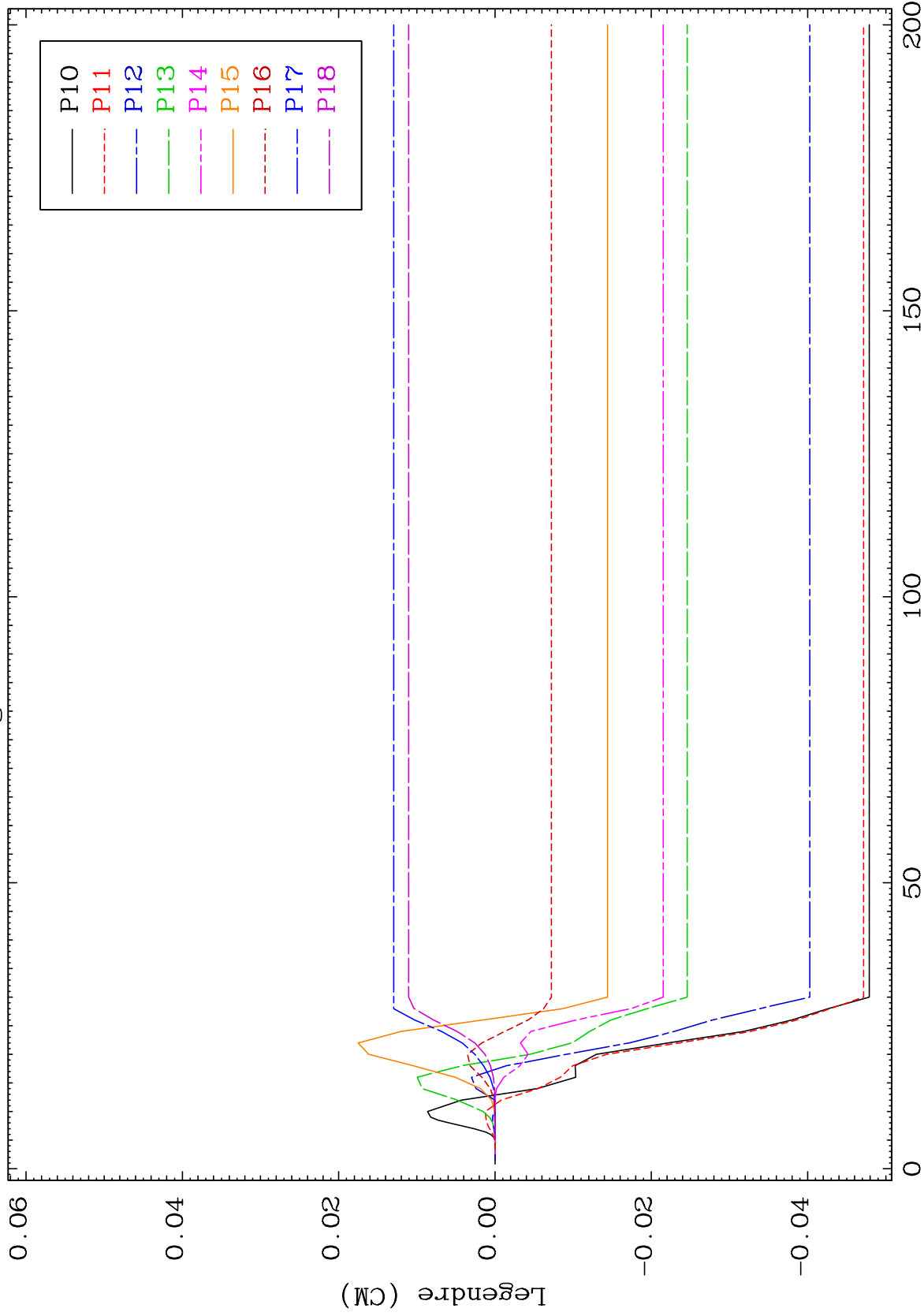
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



33

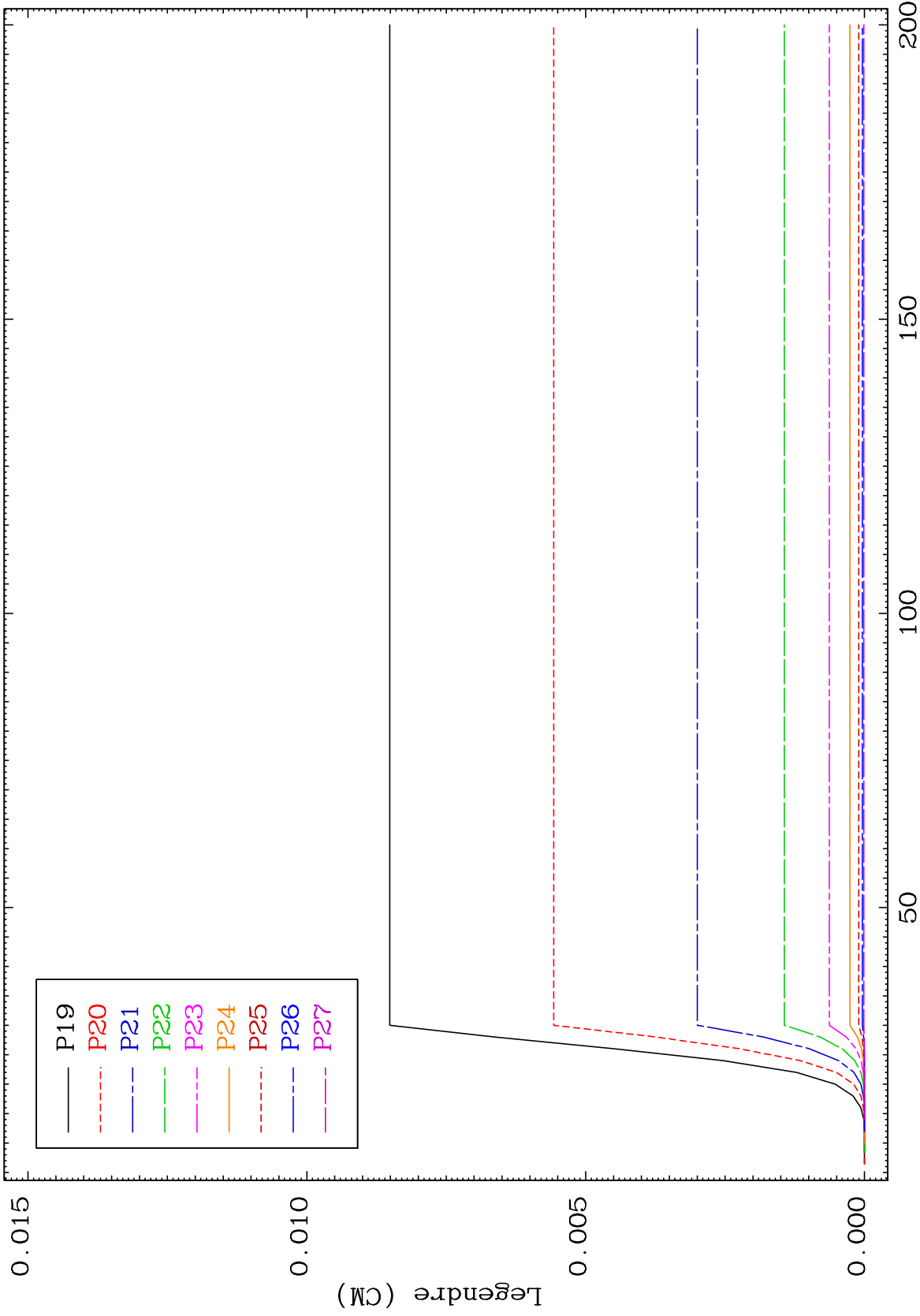
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



34

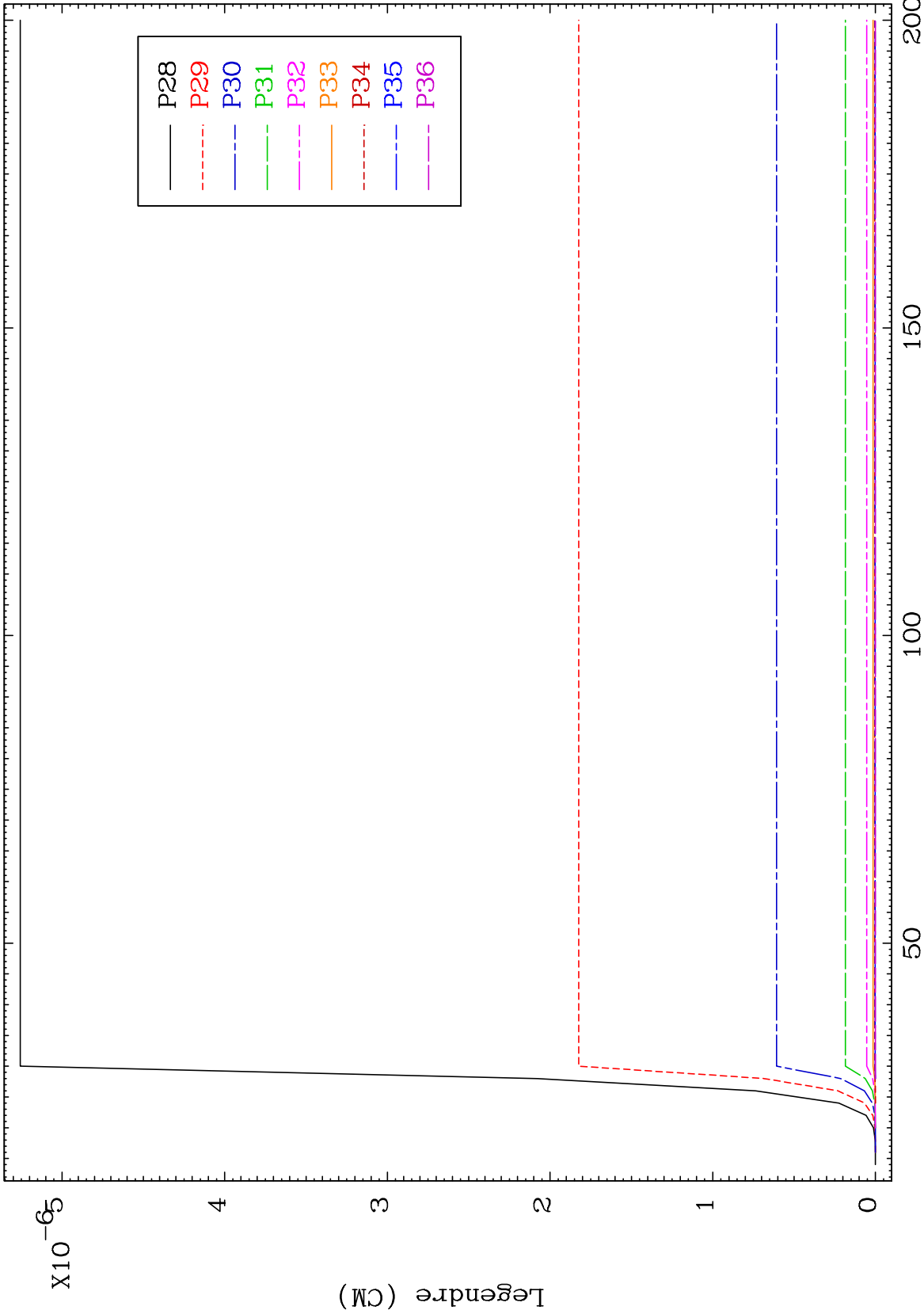
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



35

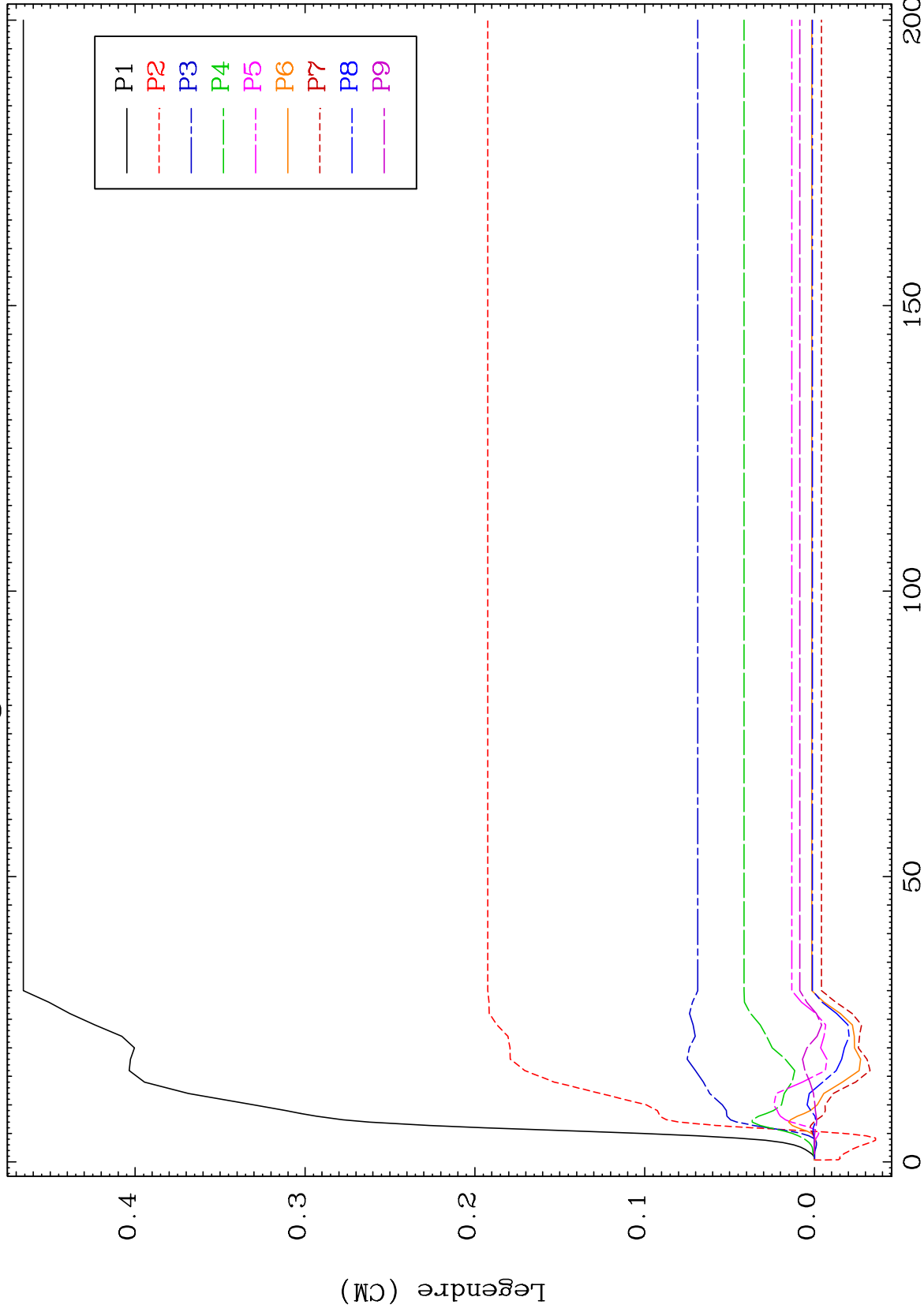
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



36

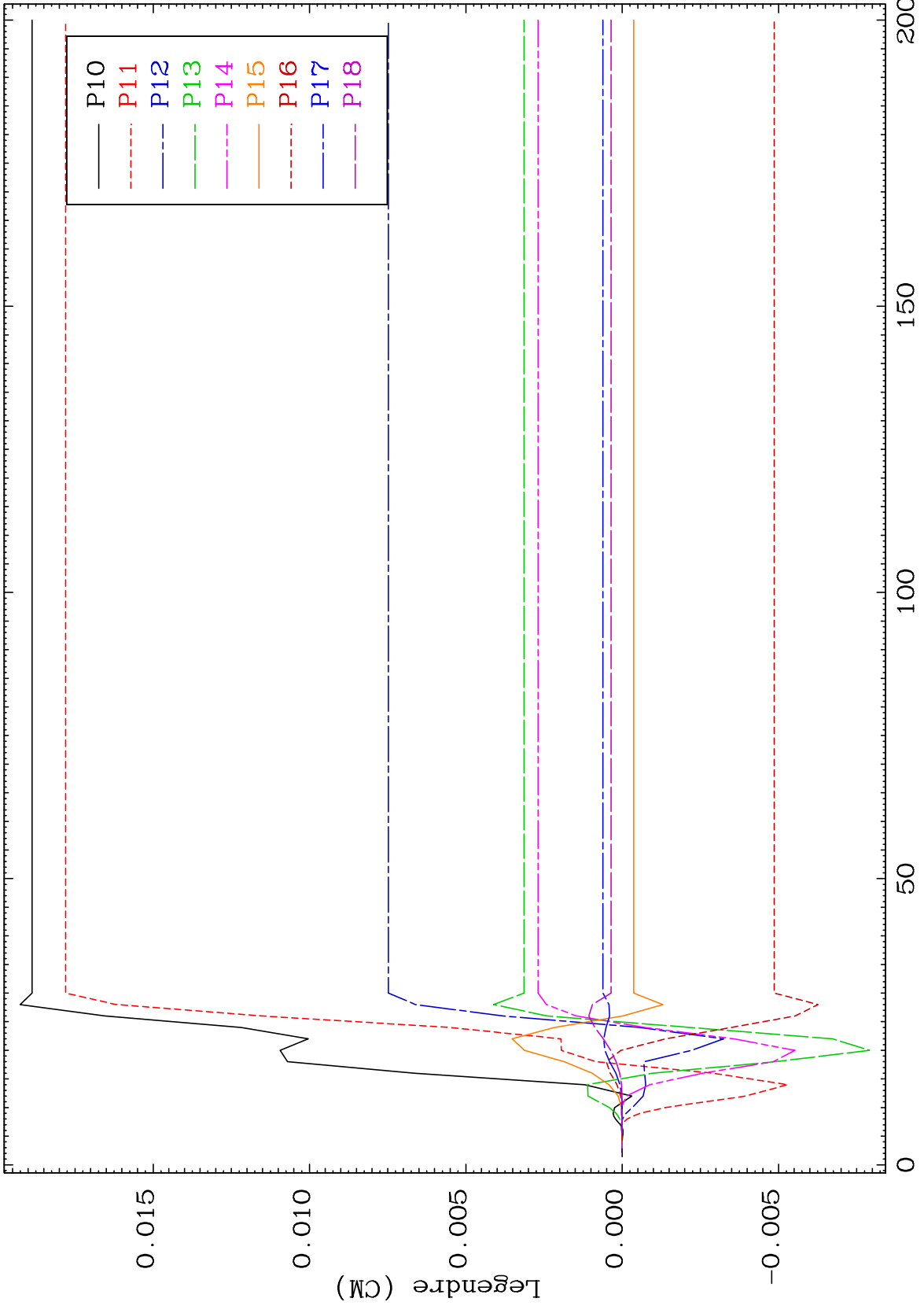
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



37

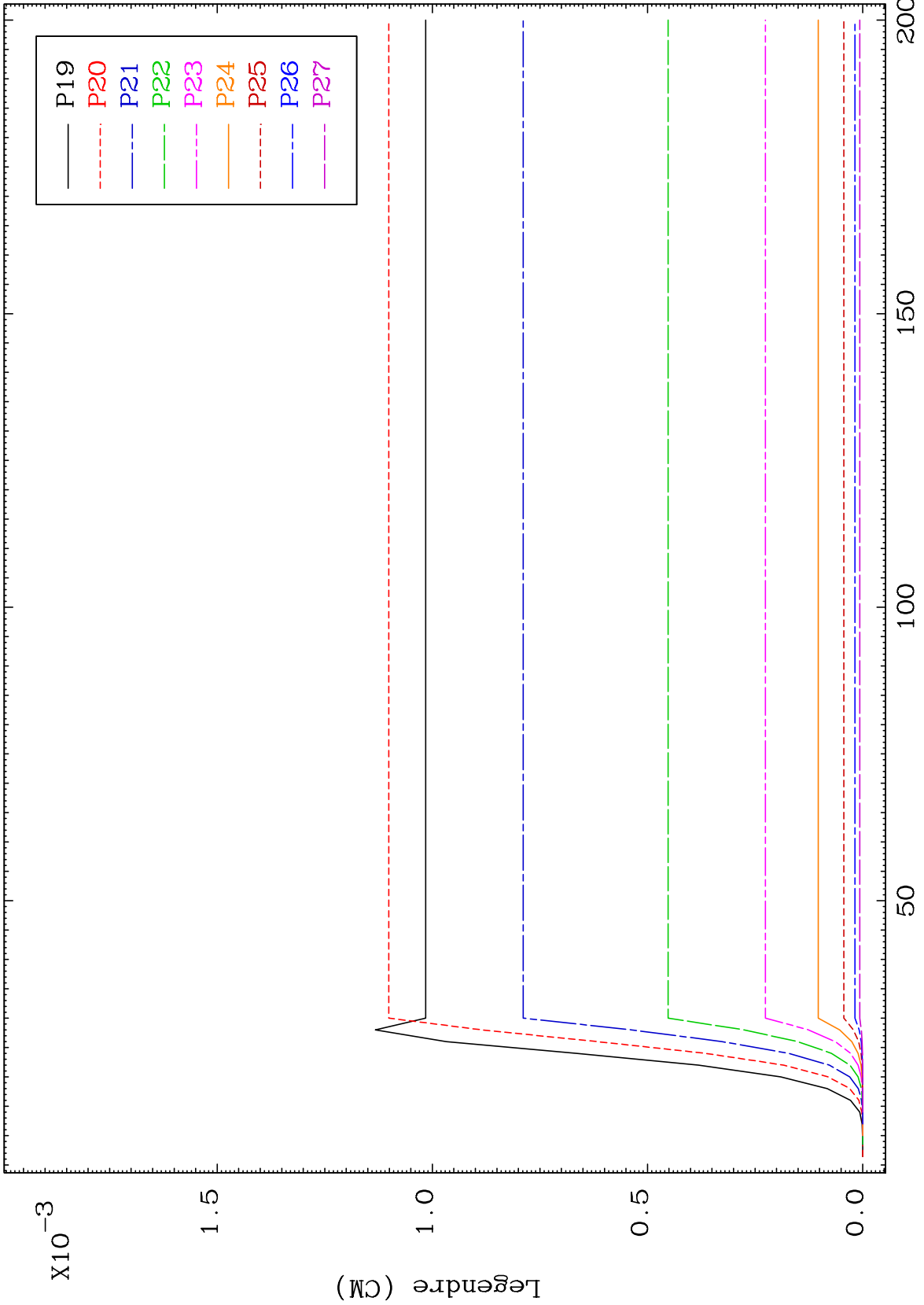
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



38

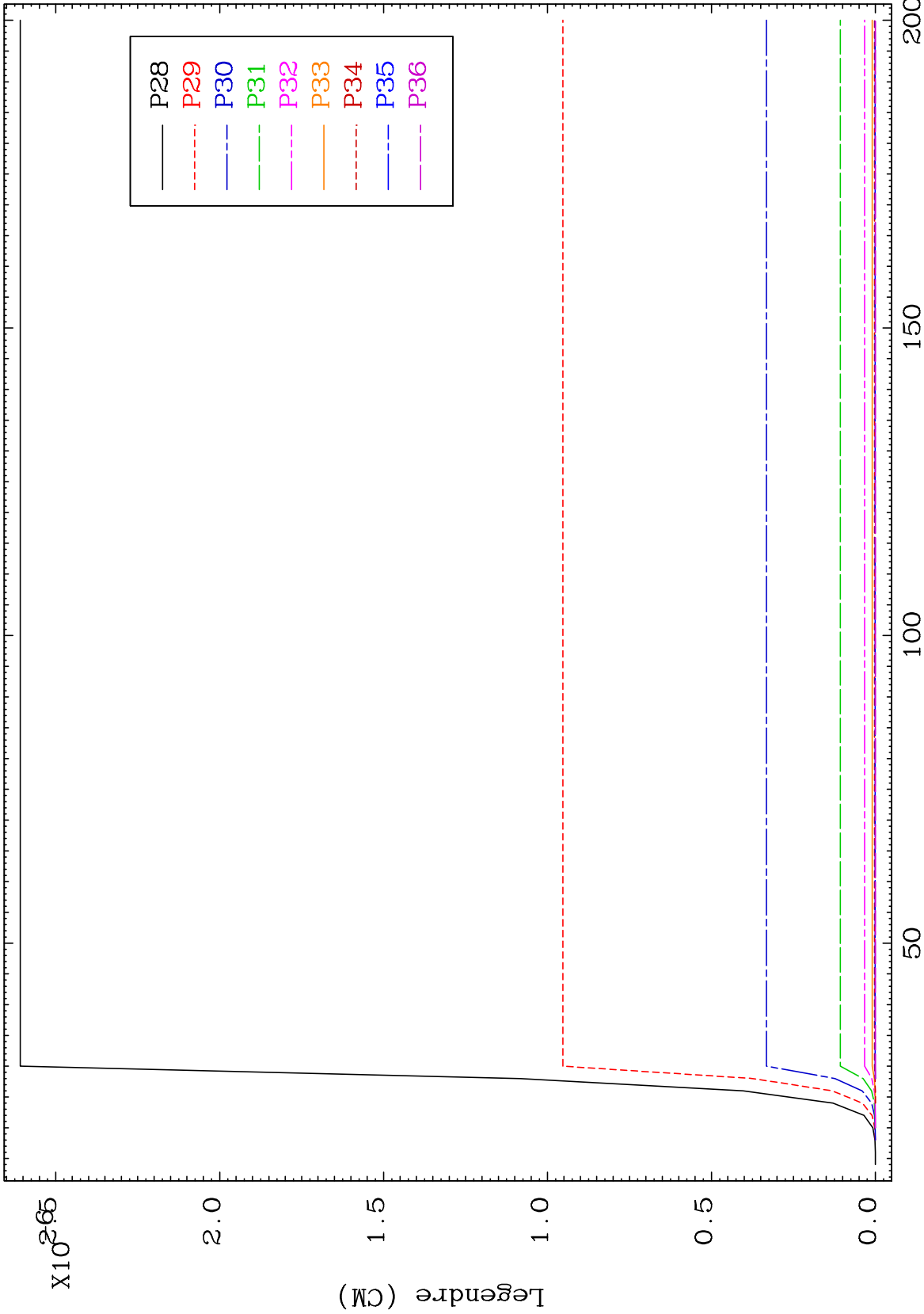
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



39

Incident Energy (MeV)

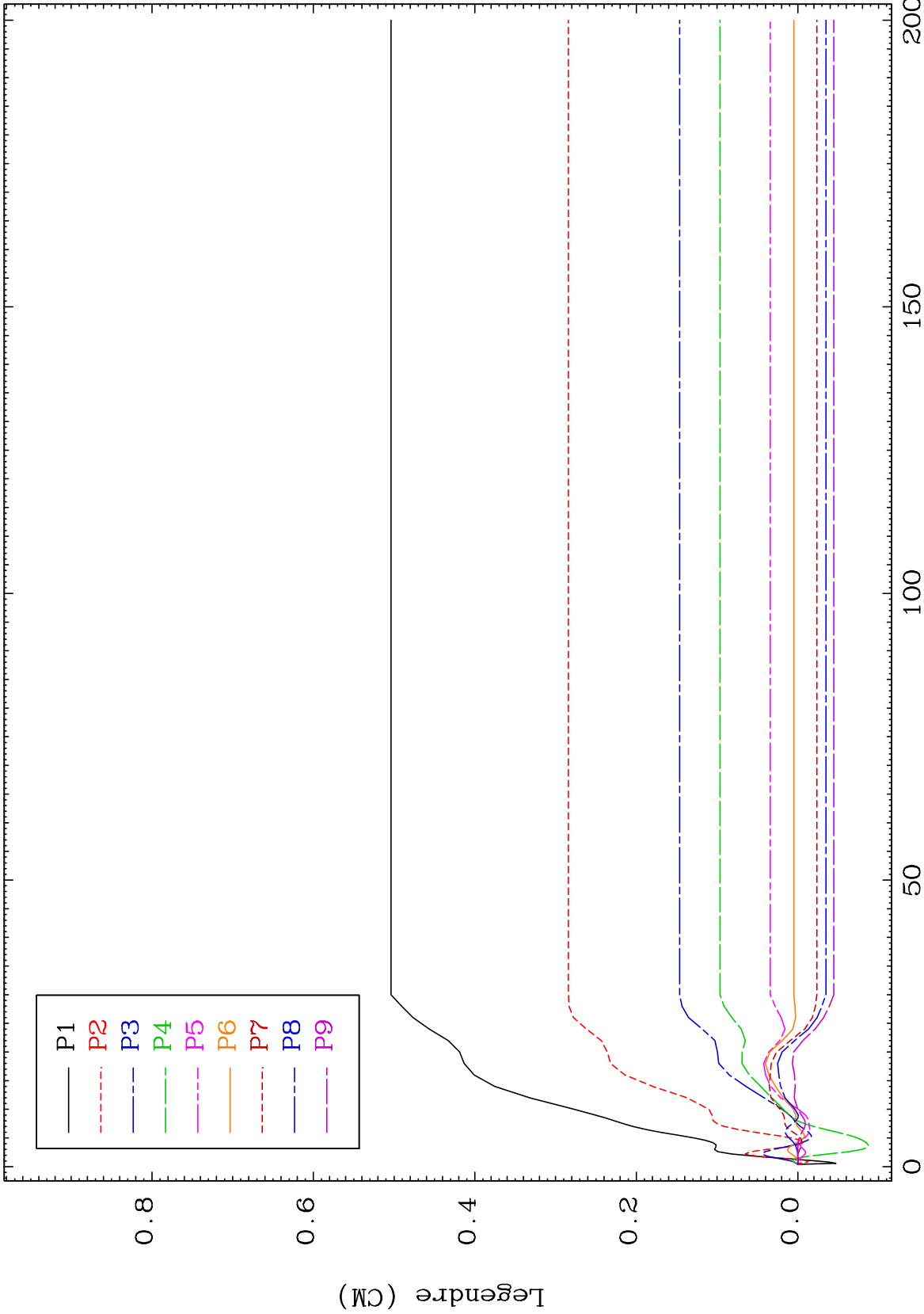
58-Ce-129



MAT 5804

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

58-Ce-129



40

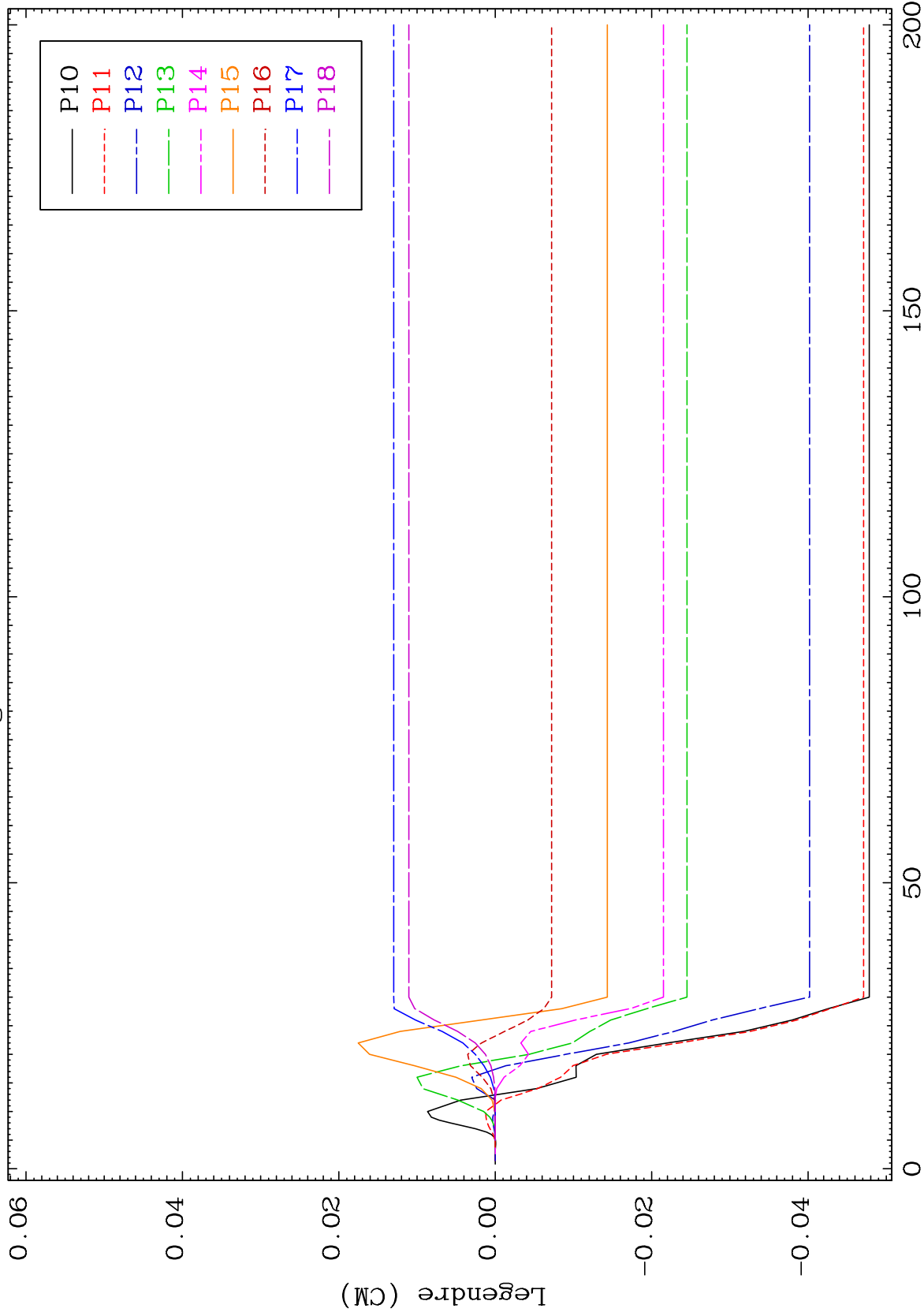
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



41

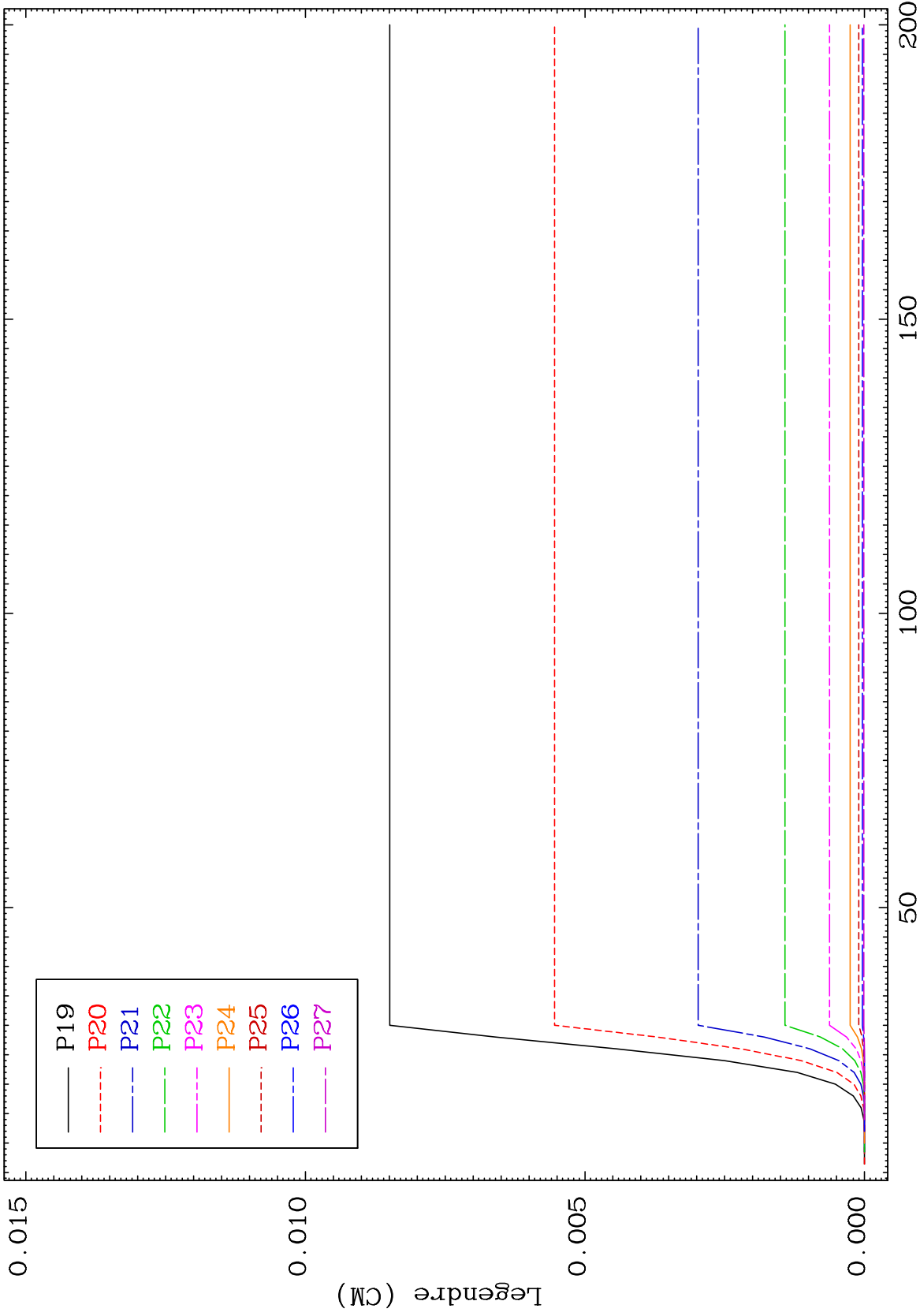
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



42

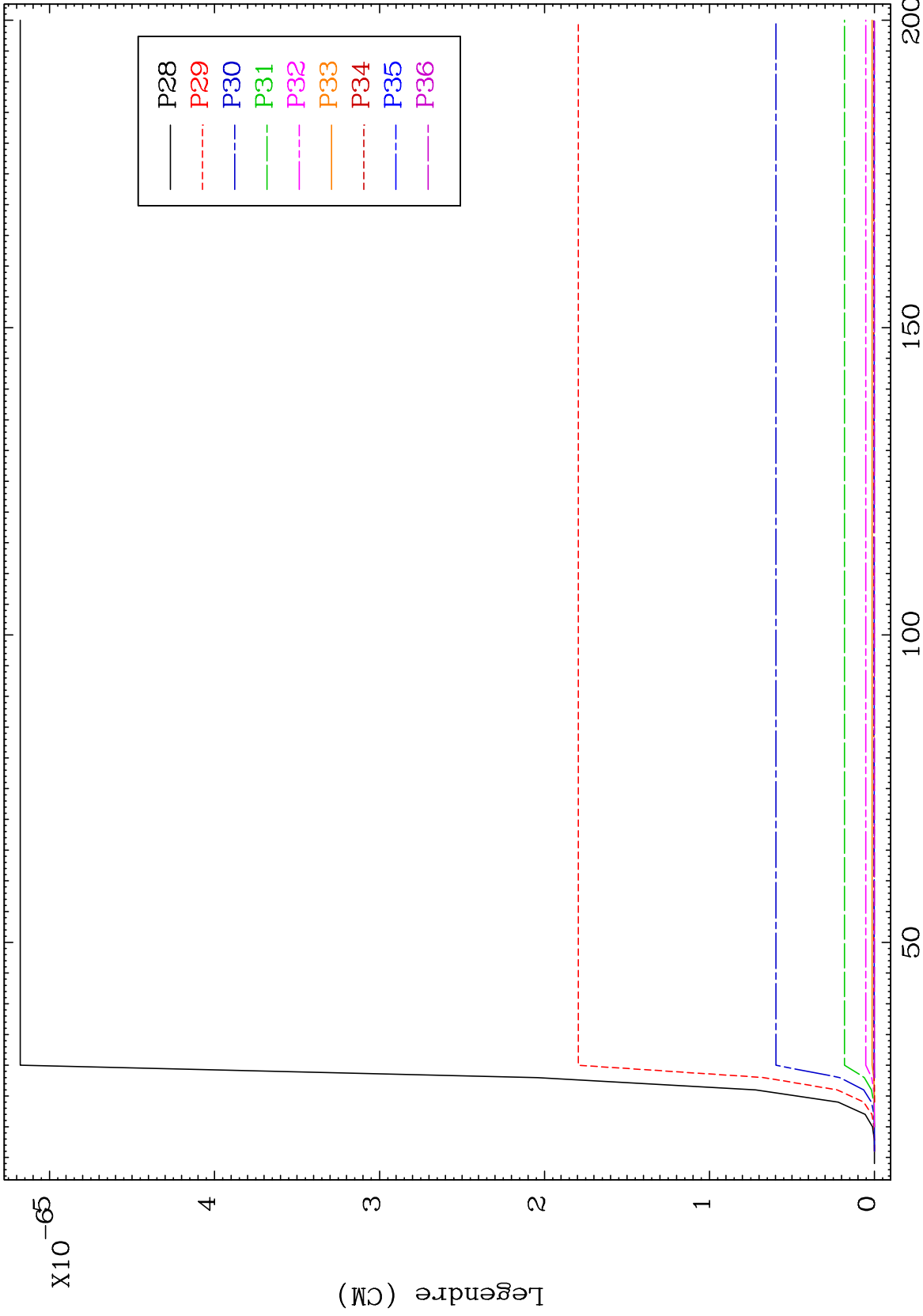
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



43

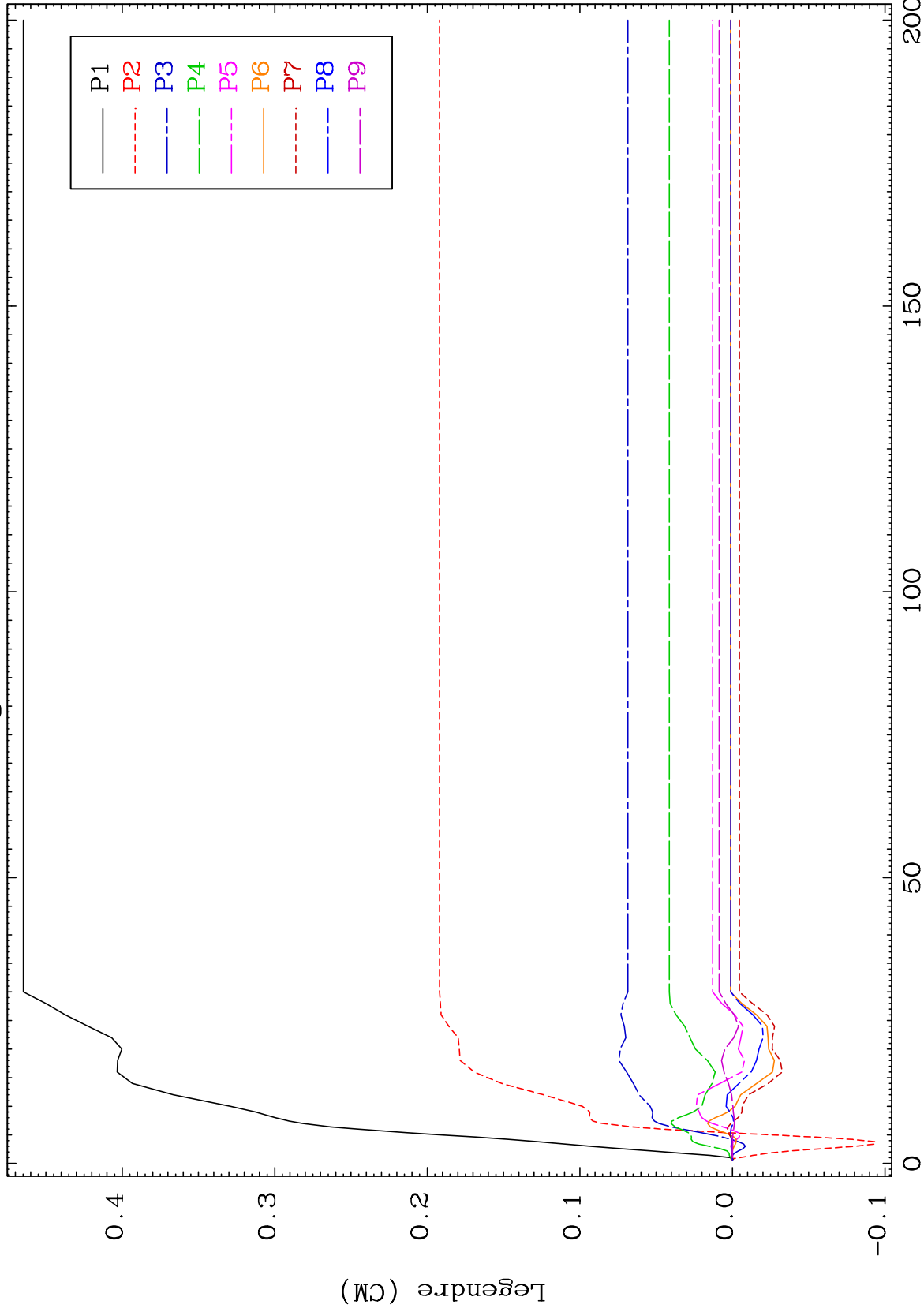
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



44

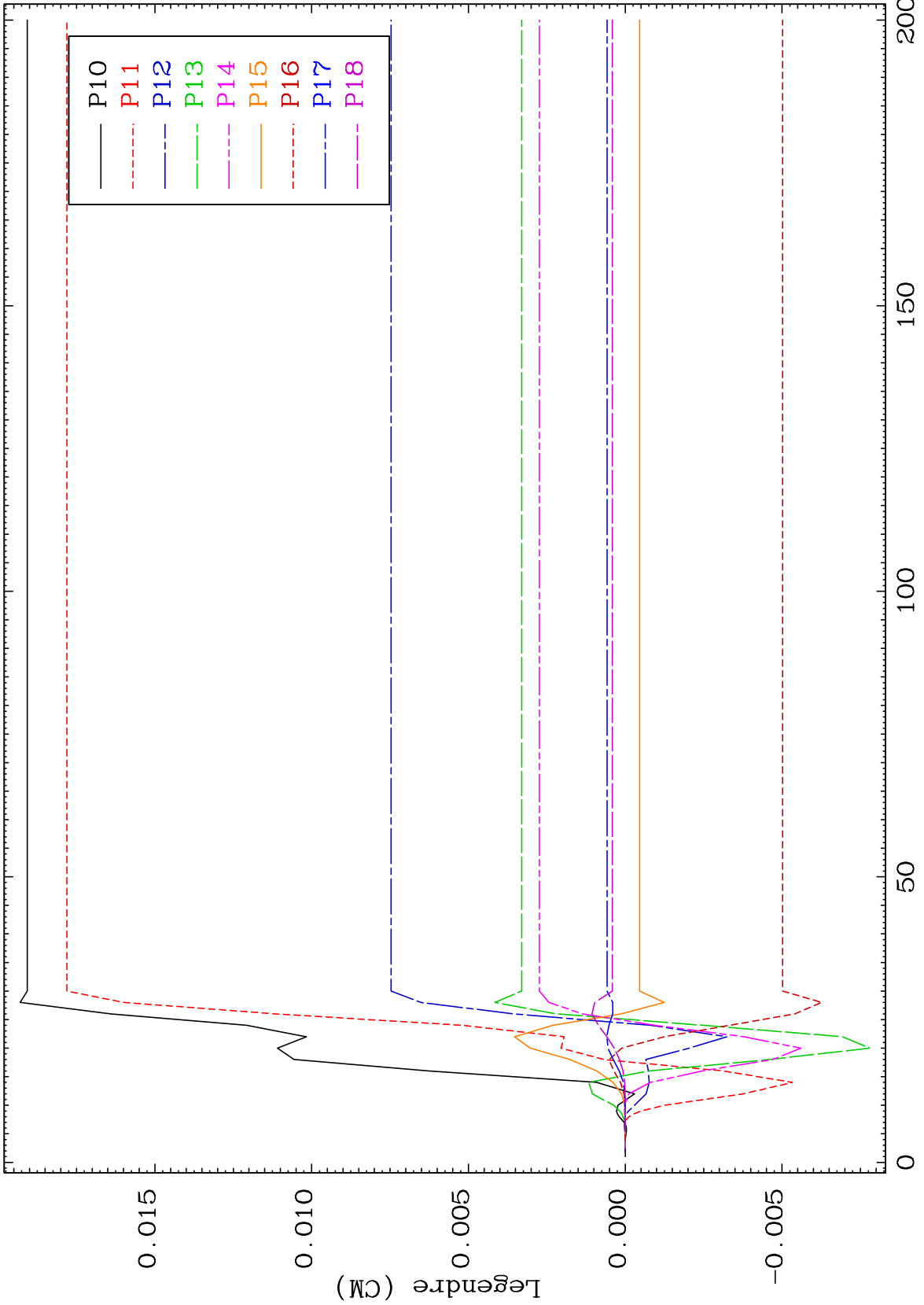
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



45

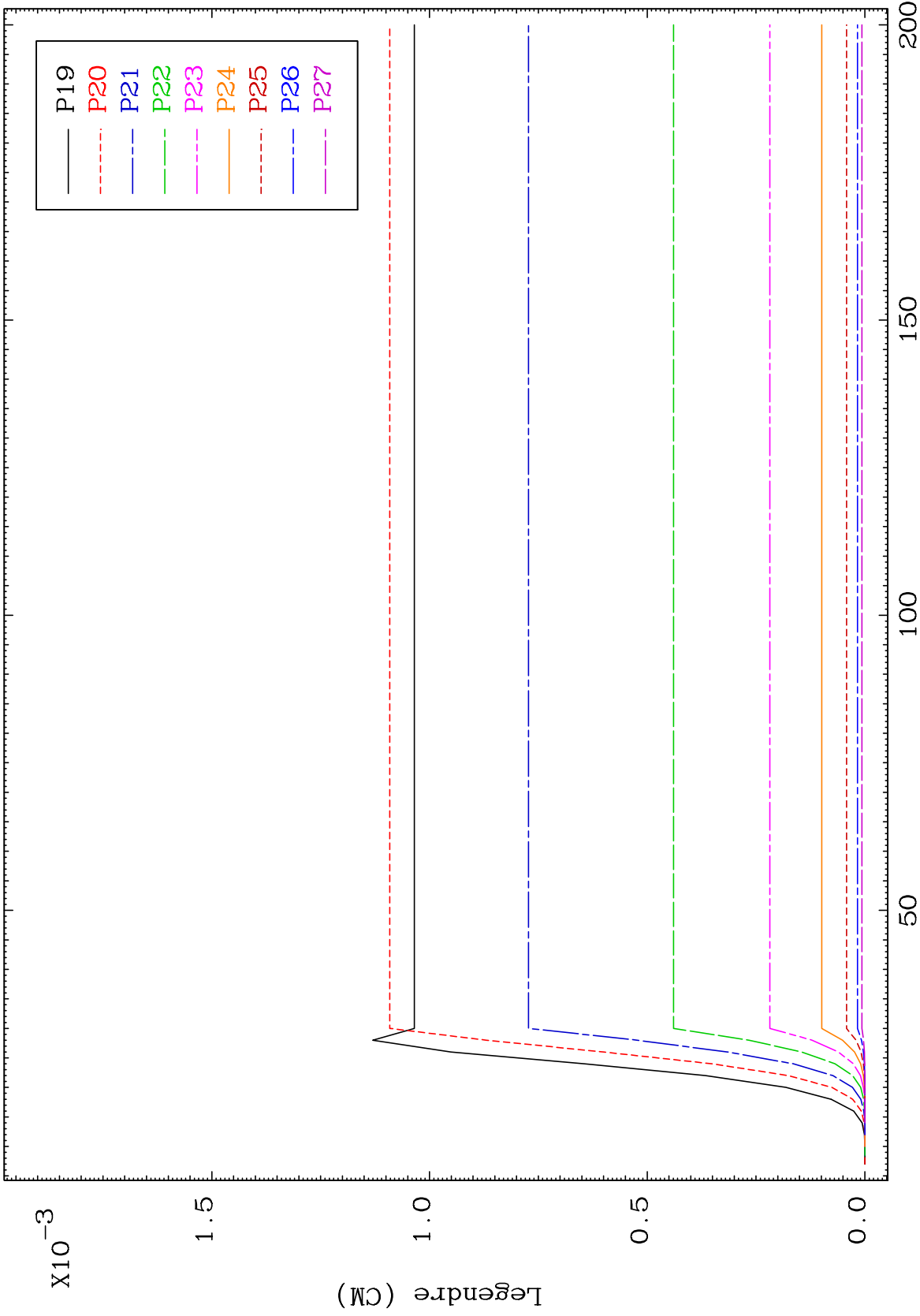
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



46

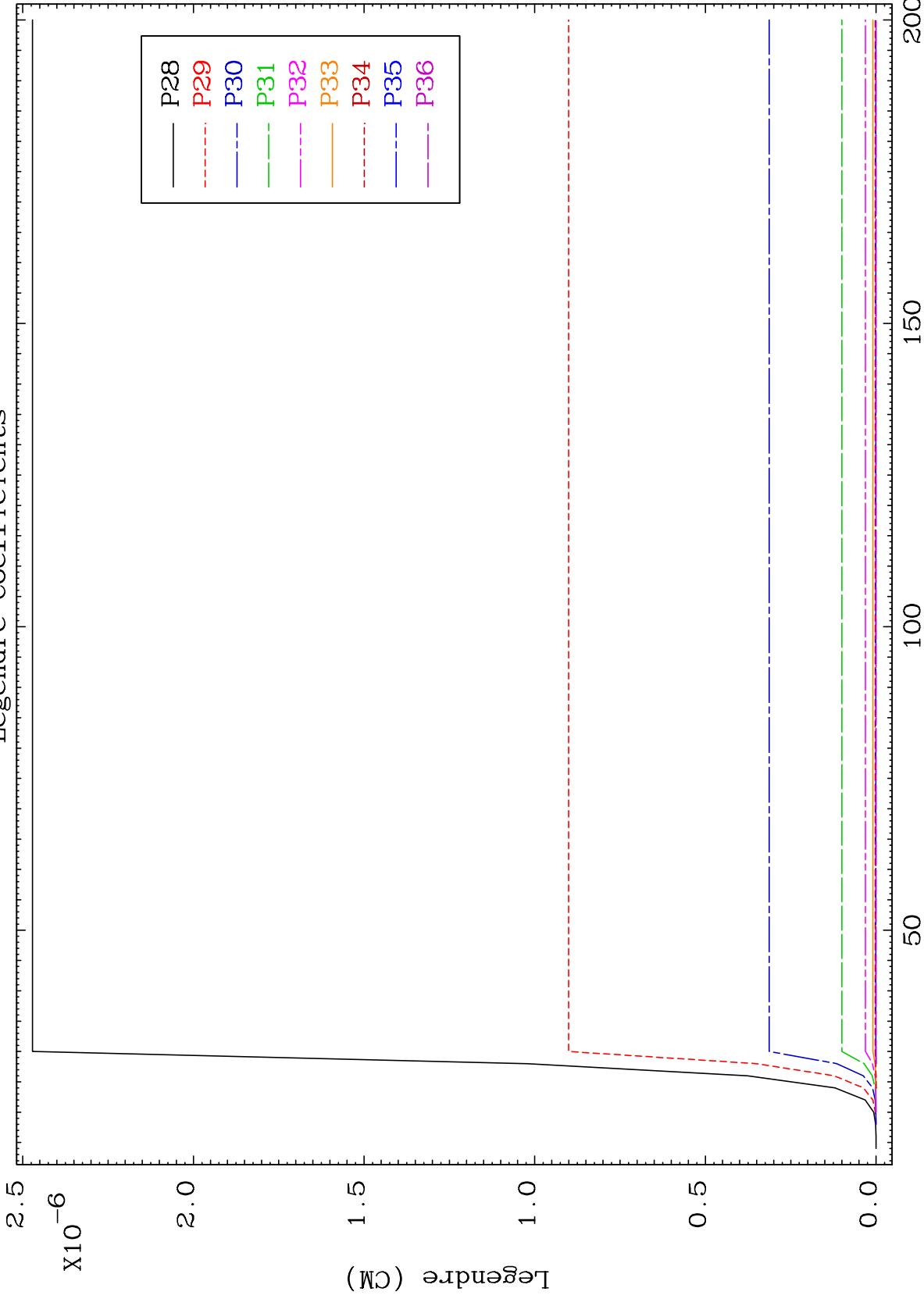
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



47

Incident Energy (MeV)

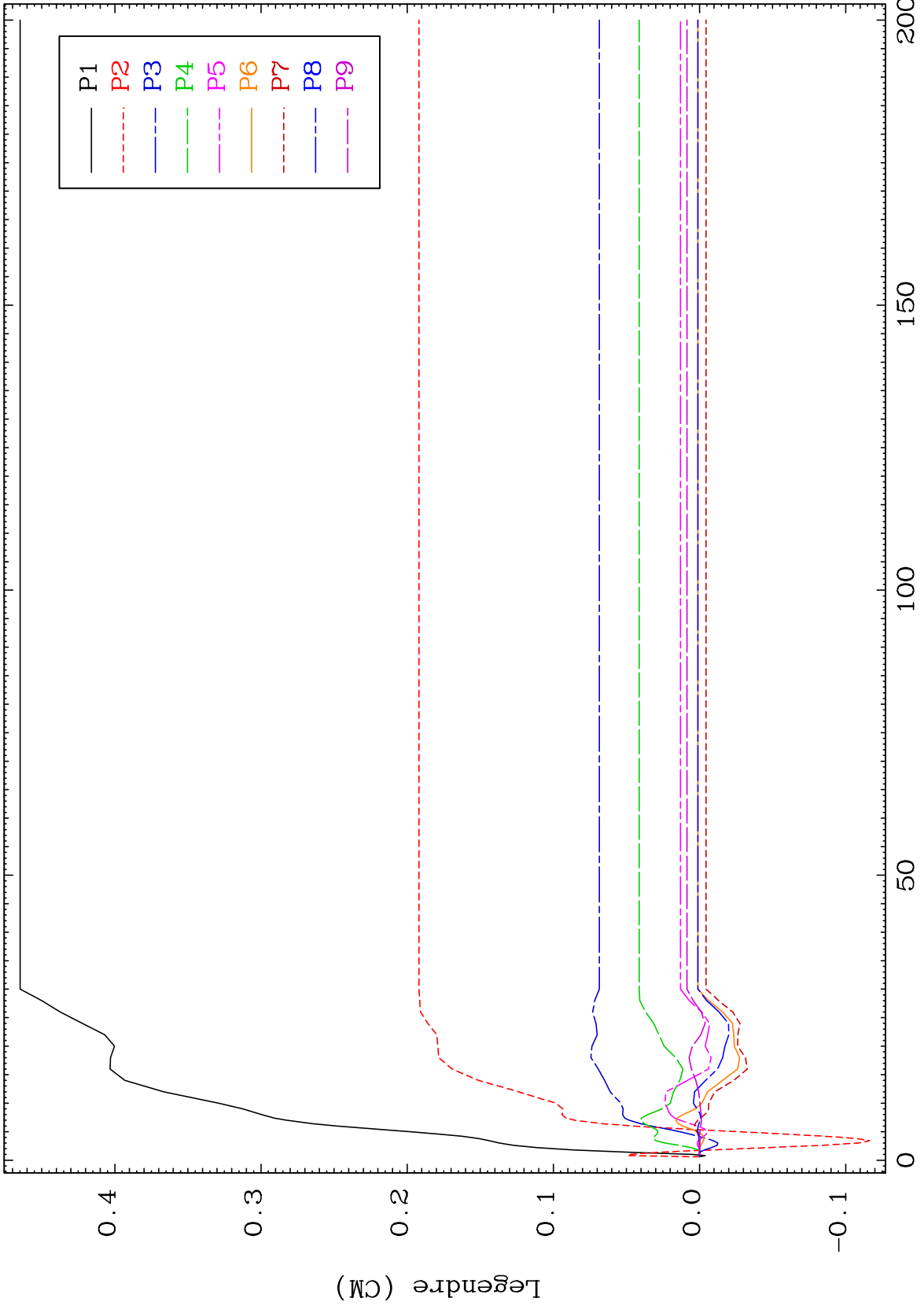
58-Ce-129



MAT 5804

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

58-Ce-129



48

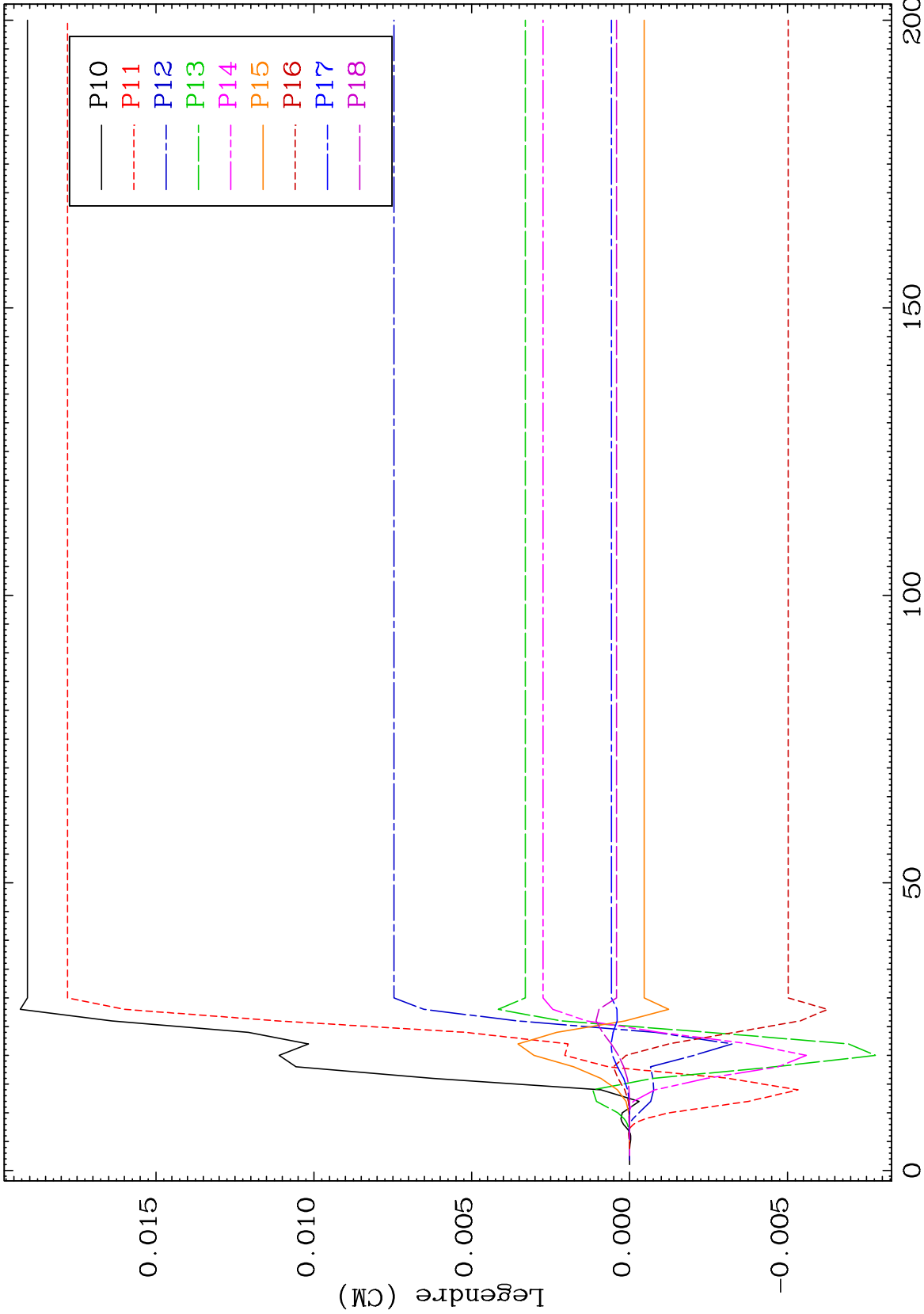
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



49

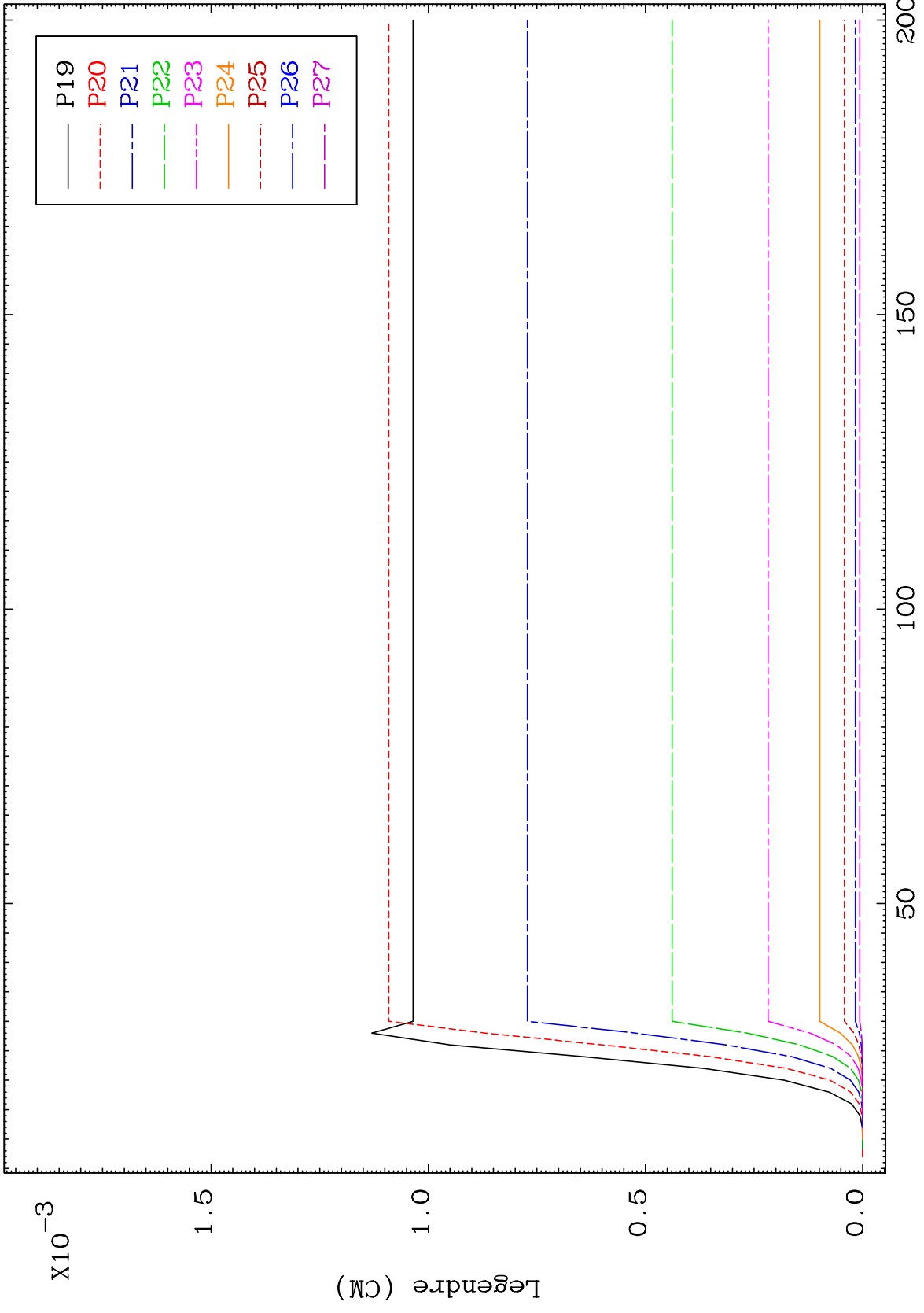
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



50

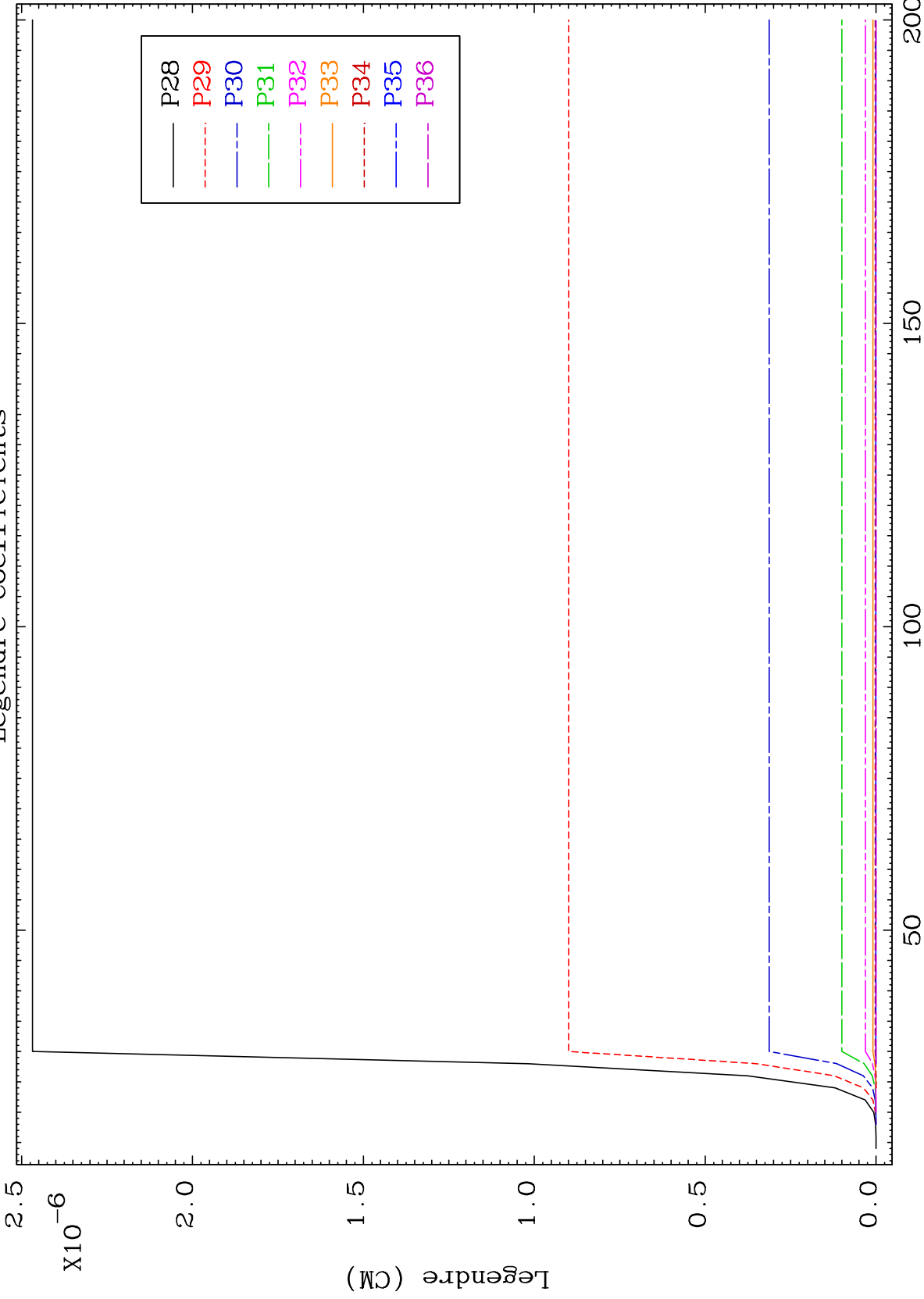
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



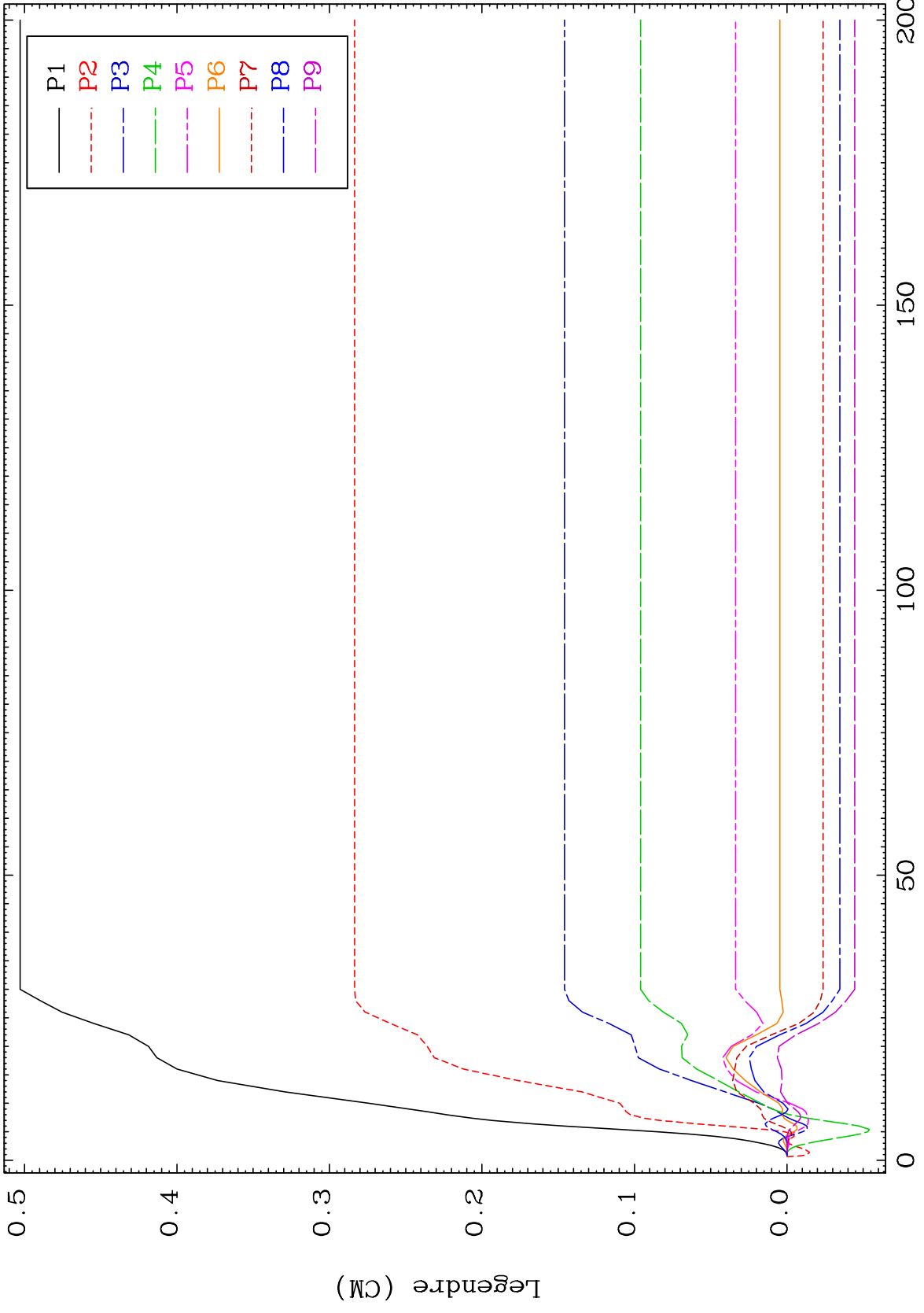
51

58-Ce-129

MAT 5804

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

58-Ce-129



52

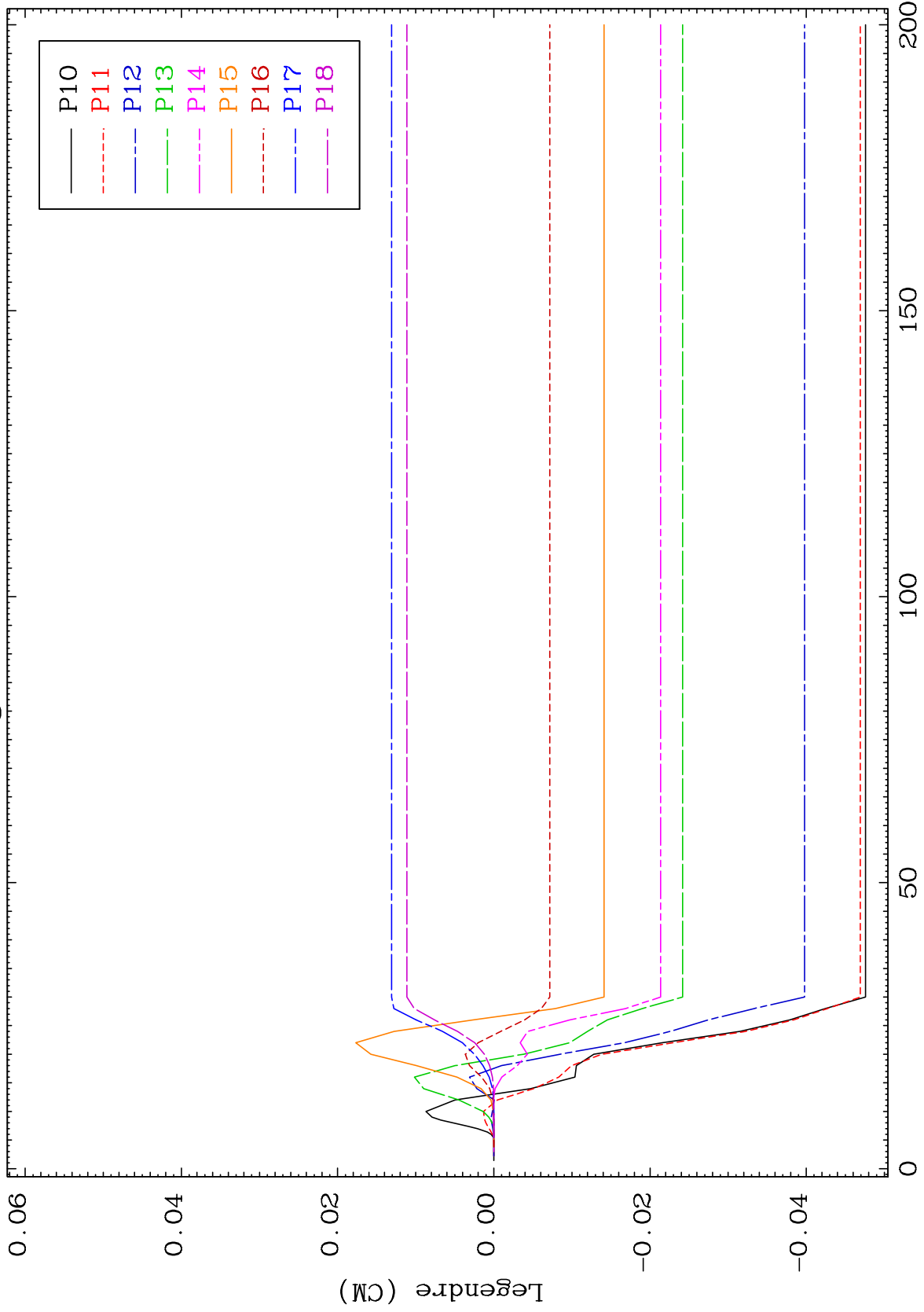
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



53

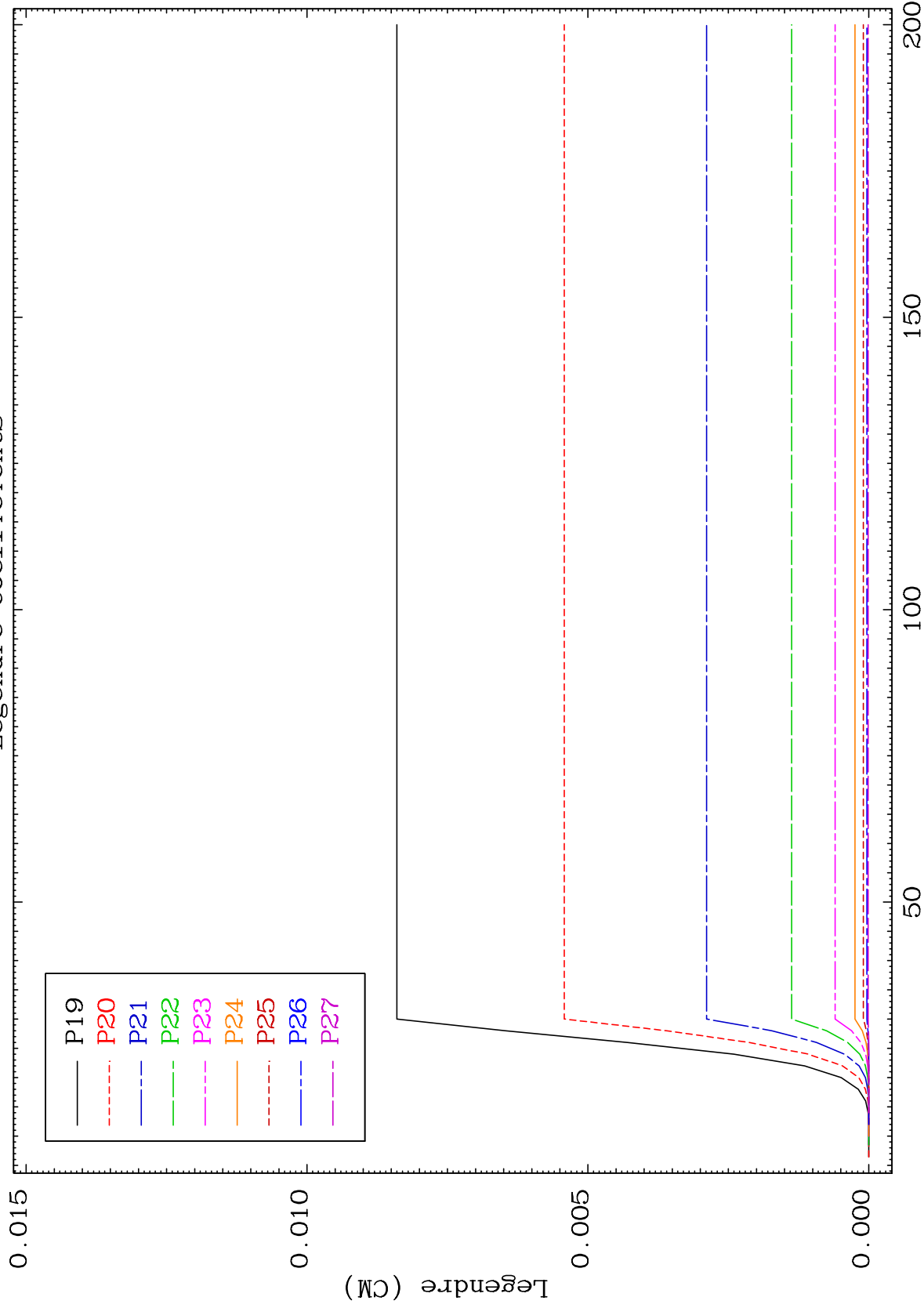
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



54

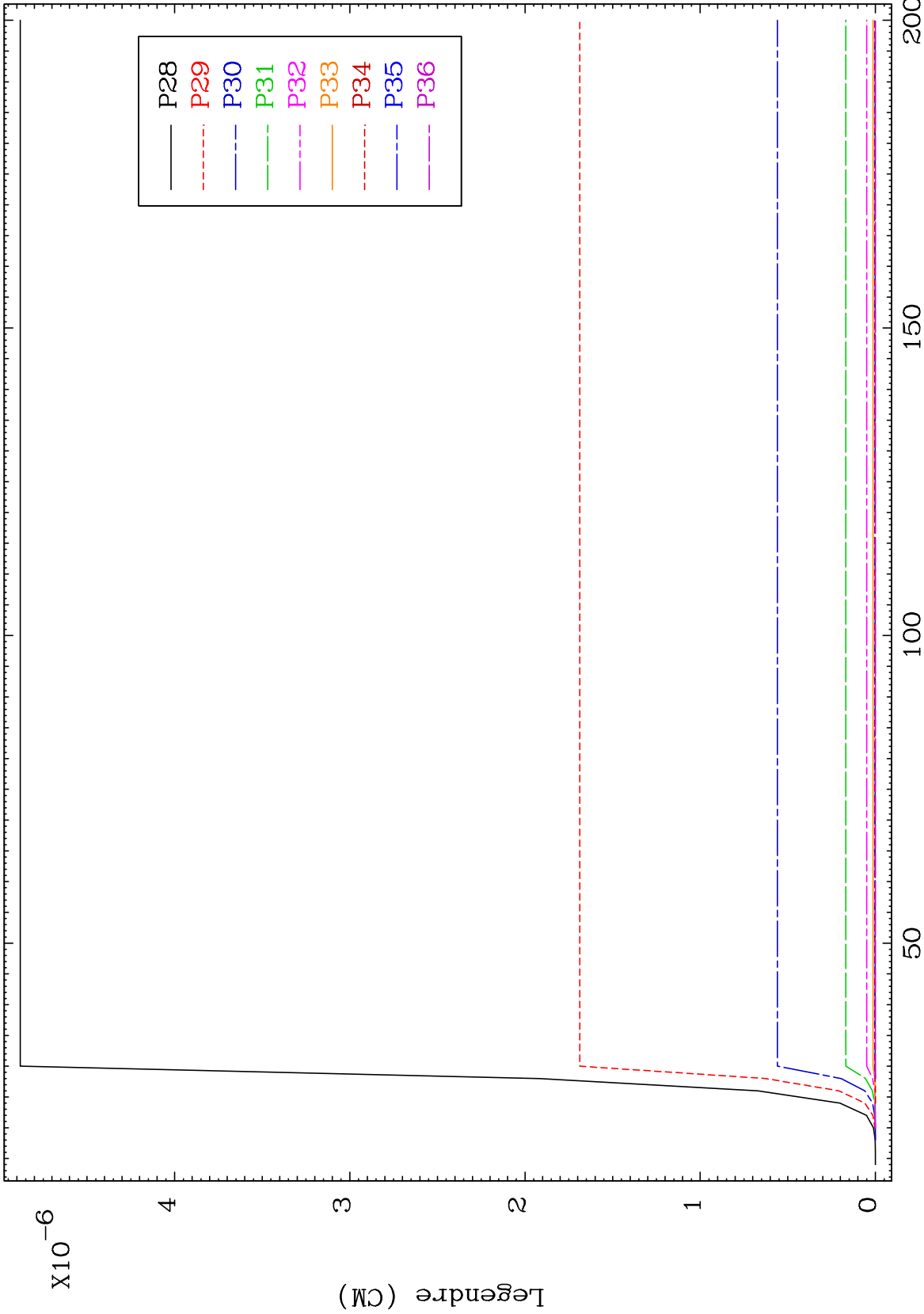
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



55

Incident Energy (MeV)

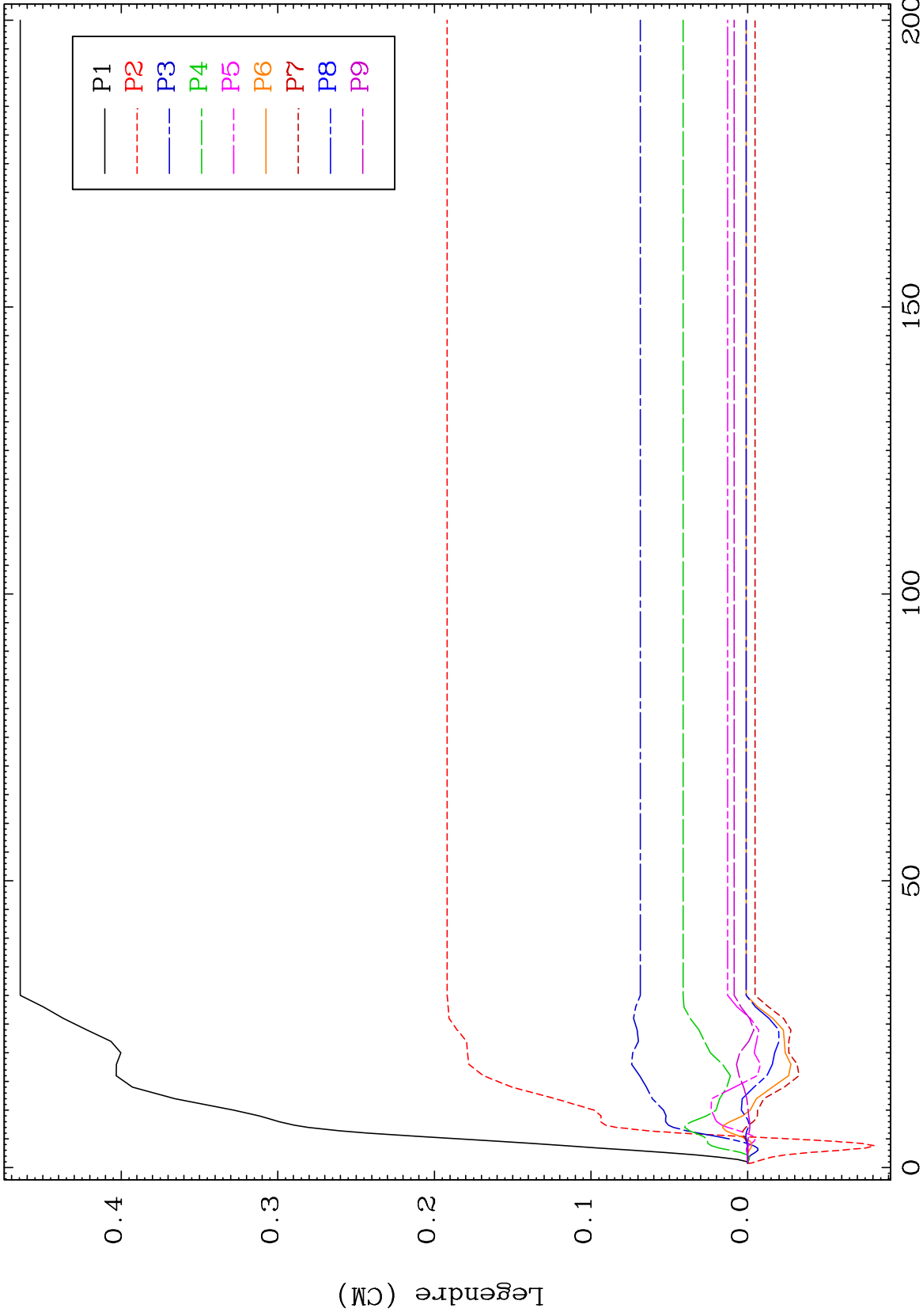
58-Ce-129



MAT 5804

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

58-Ce-129



56

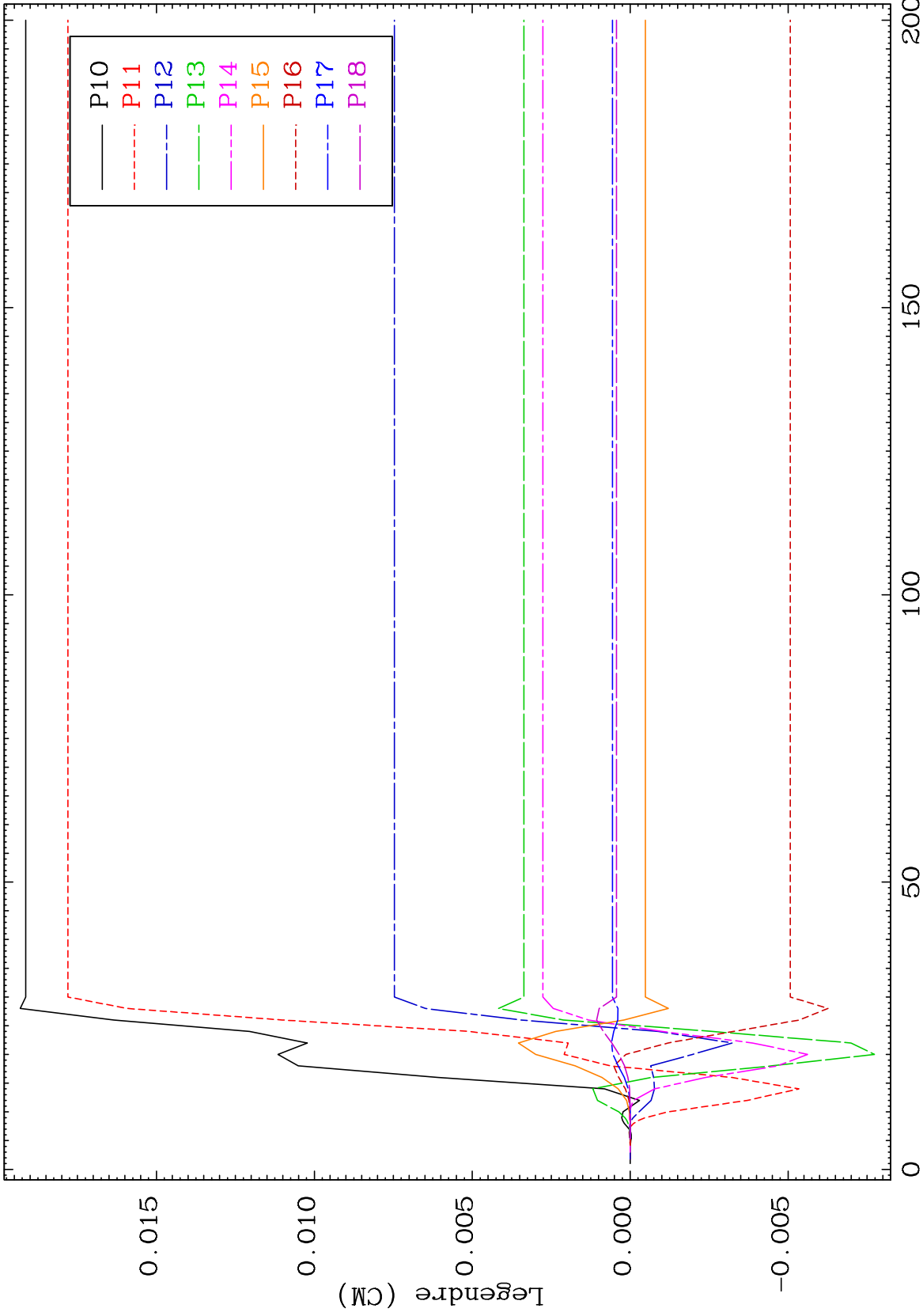
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



57

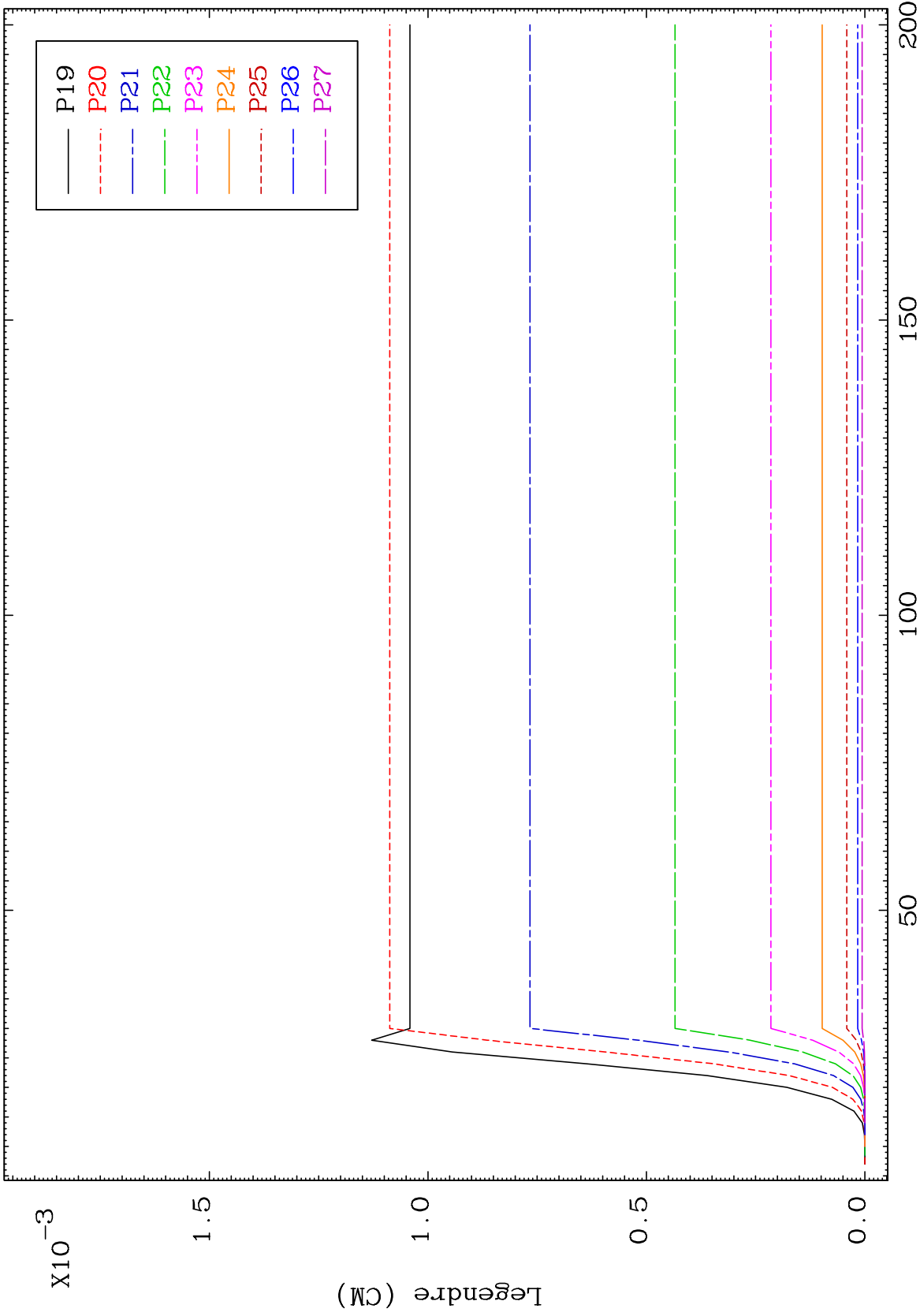
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



58

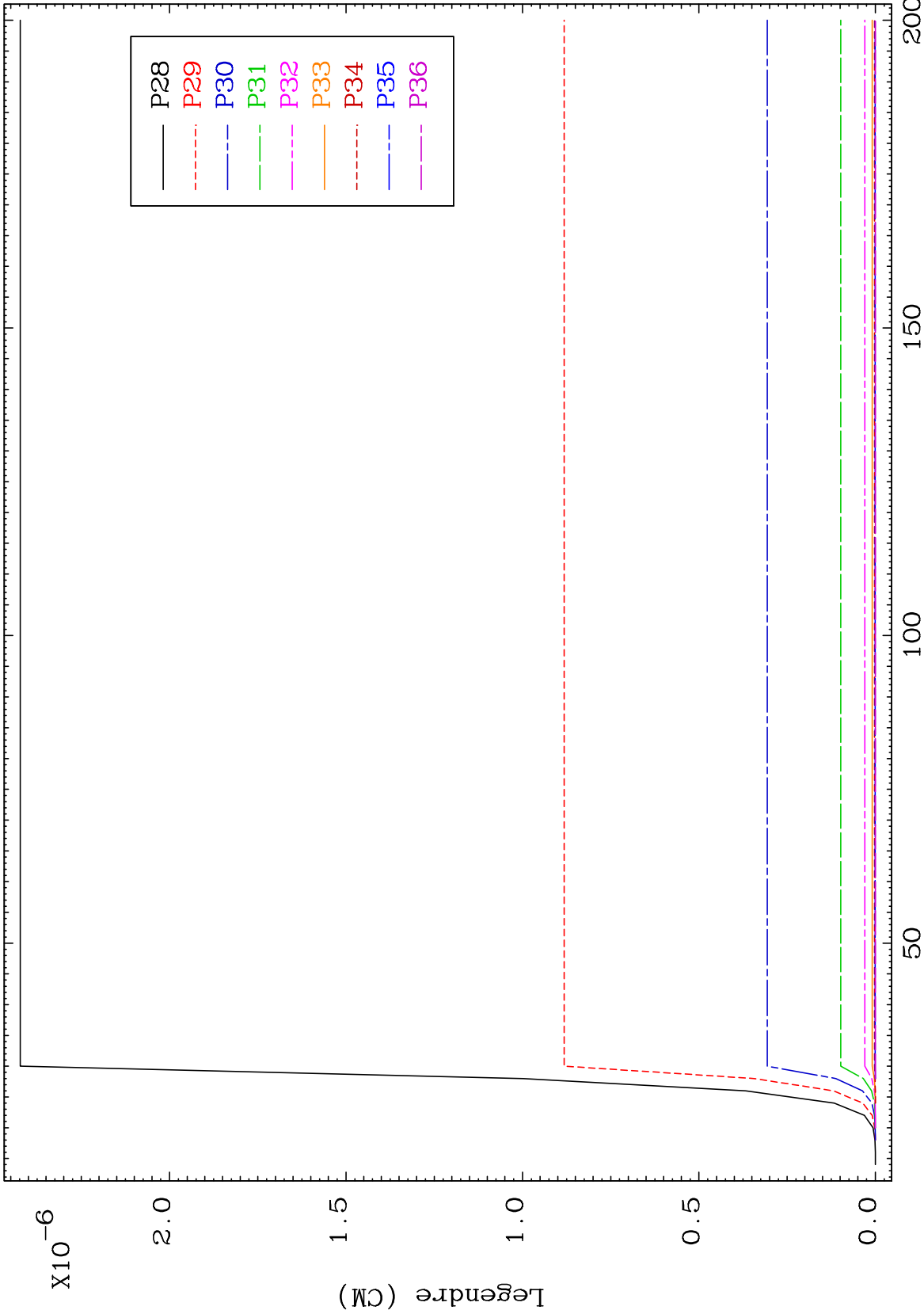
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



59

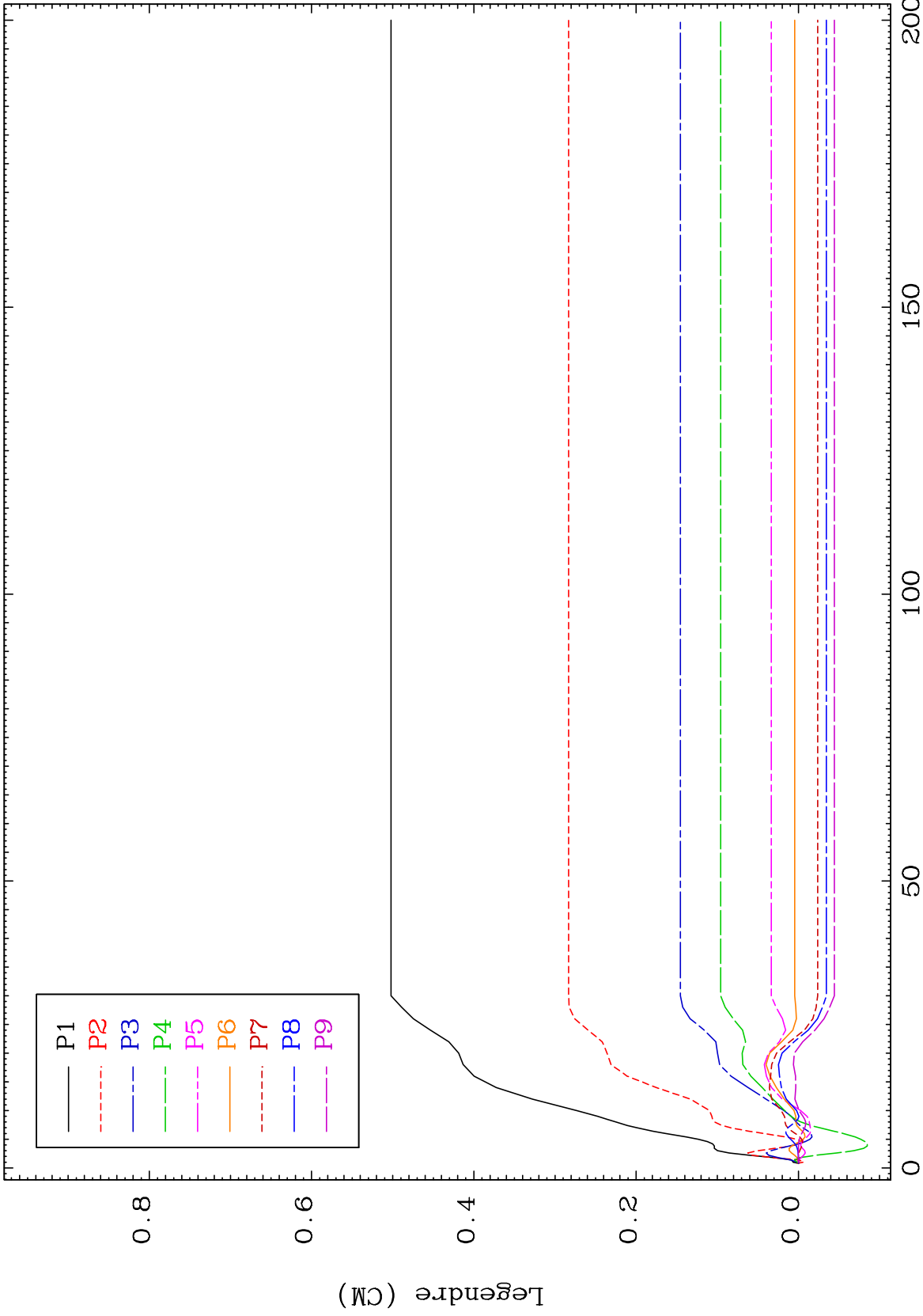
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



58-Ce-129

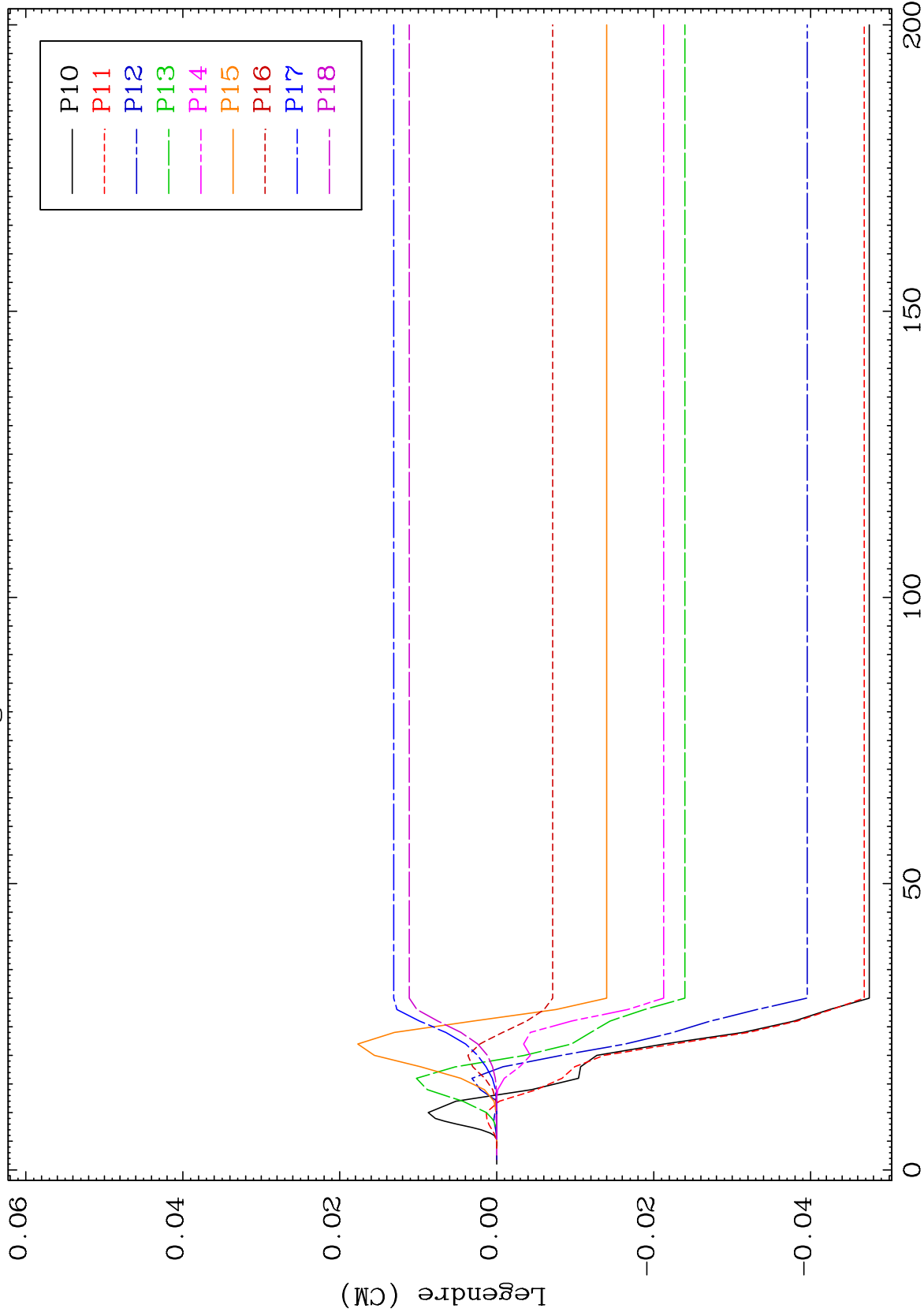
Incident Energy (MeV)

60

MAT 5804

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

58-Ce-129



61

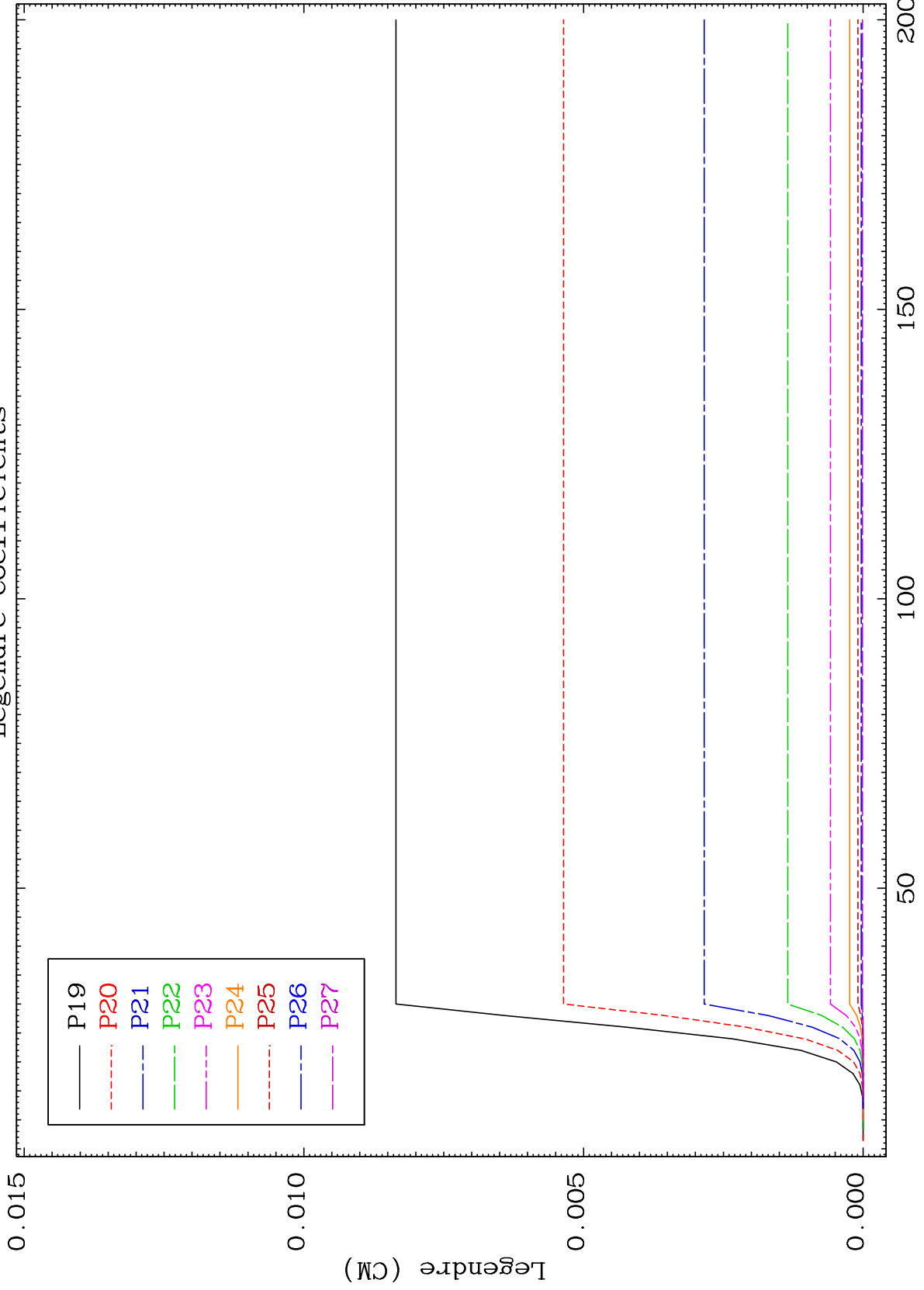
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



62

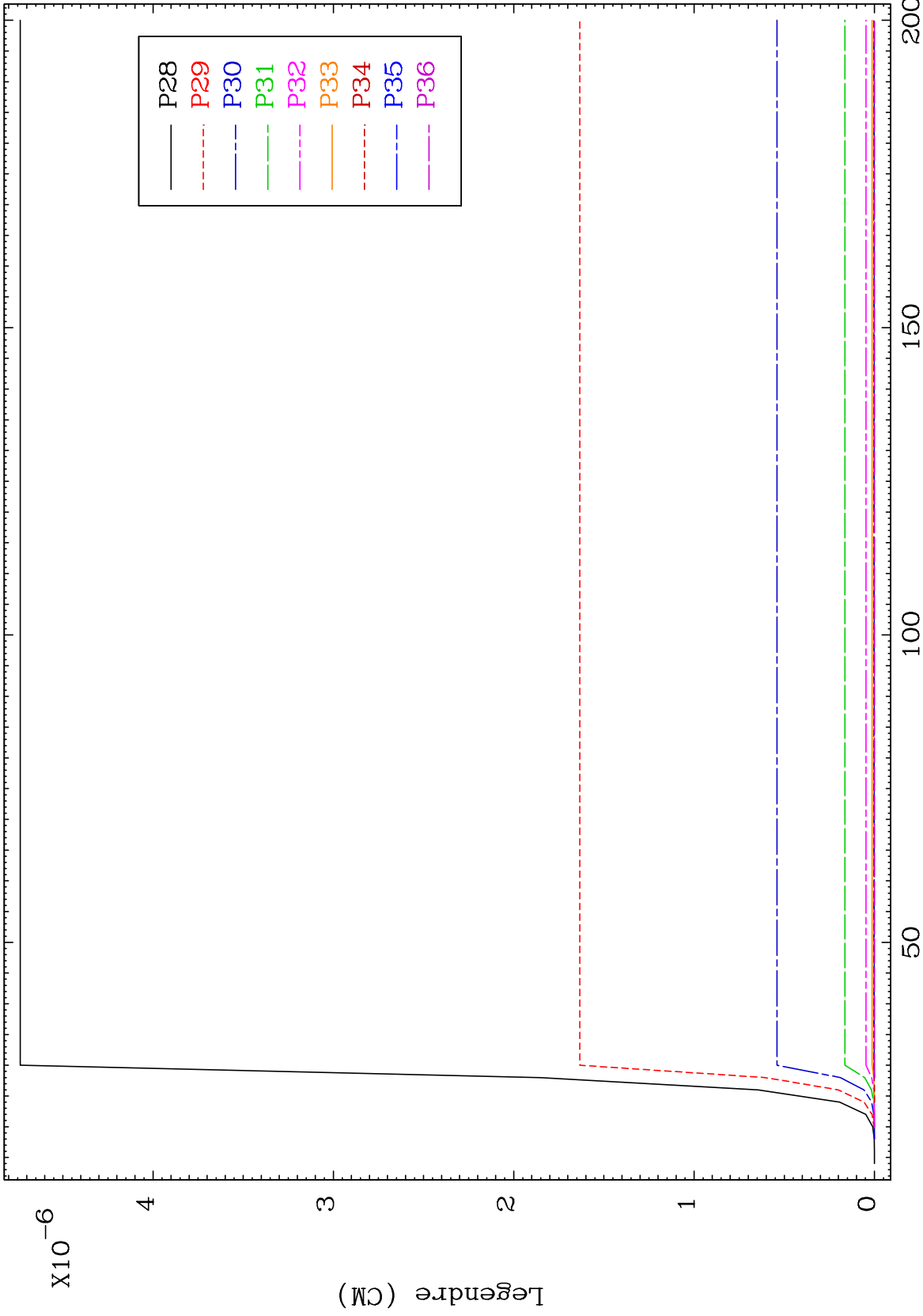
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



63

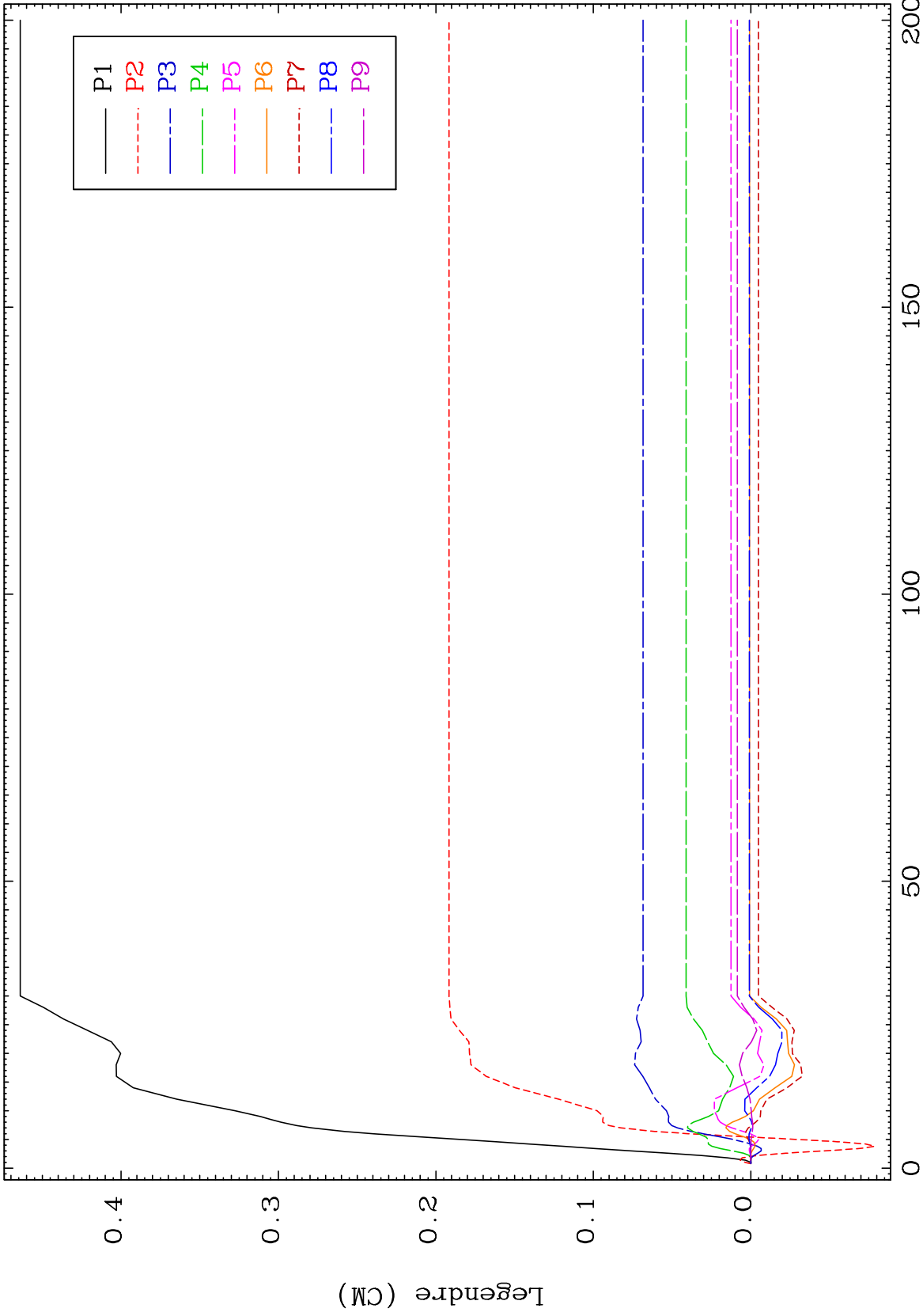
58-Ce-129



MAT 5804

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

58-Ce-129



64

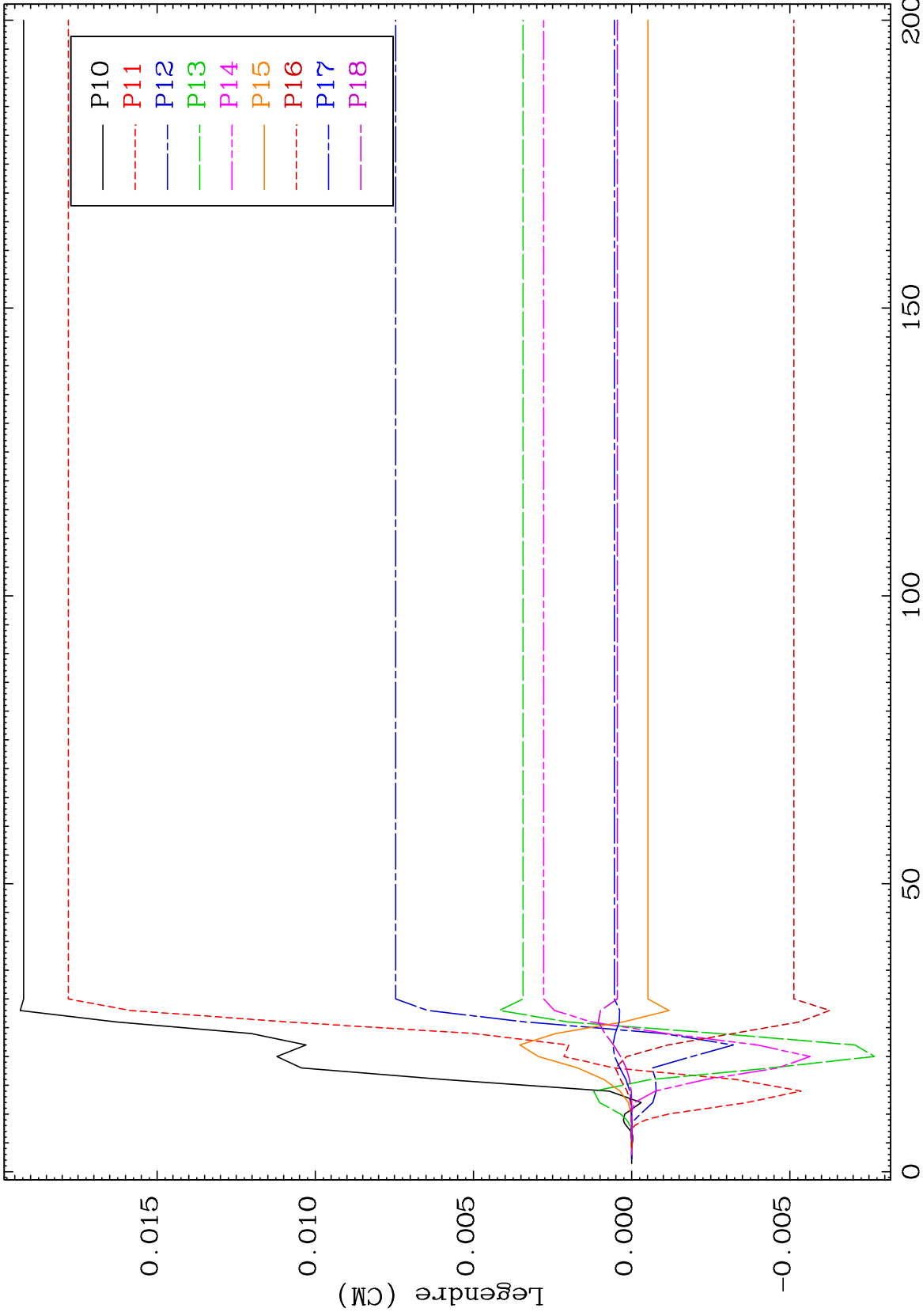
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



65

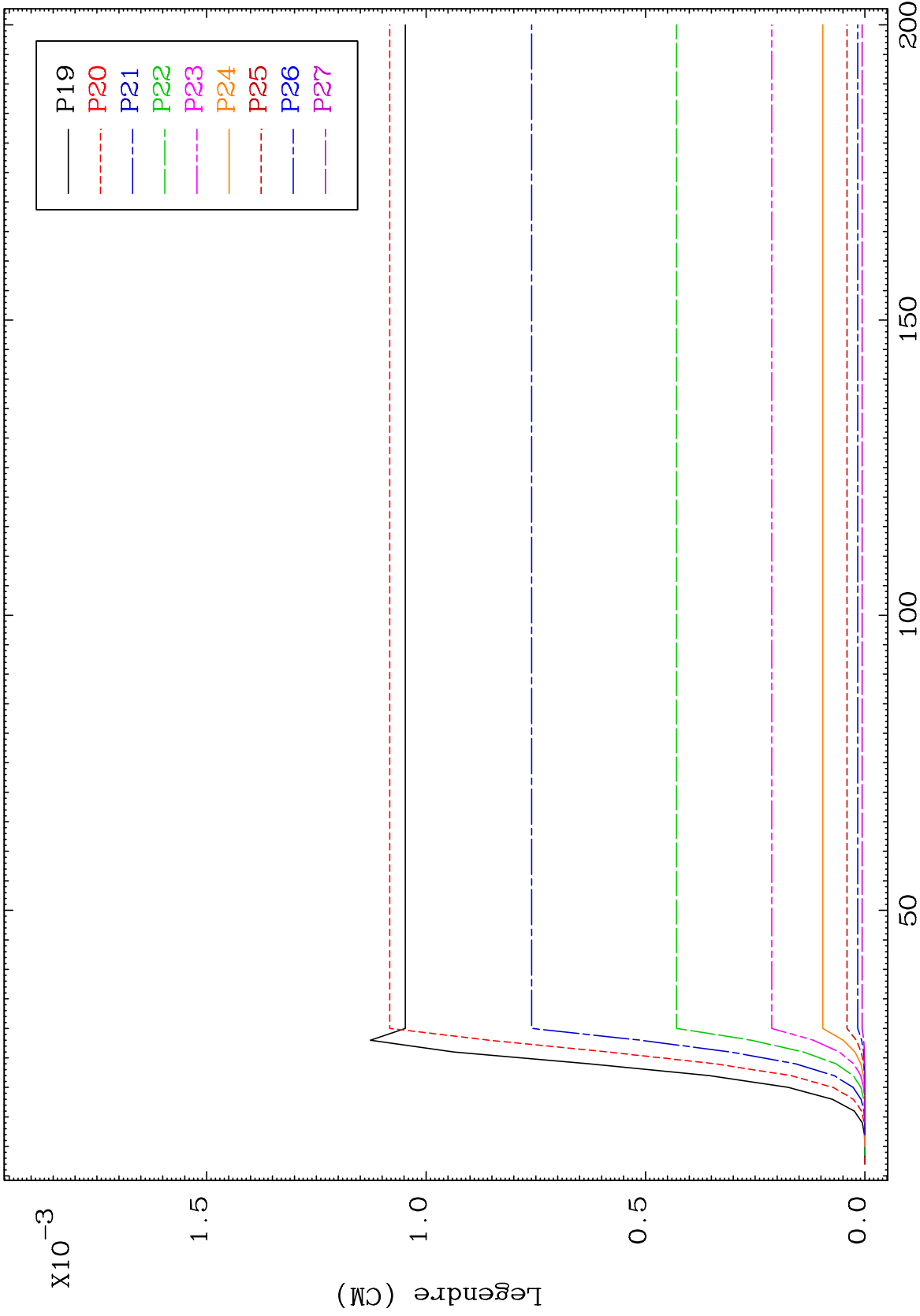
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



66

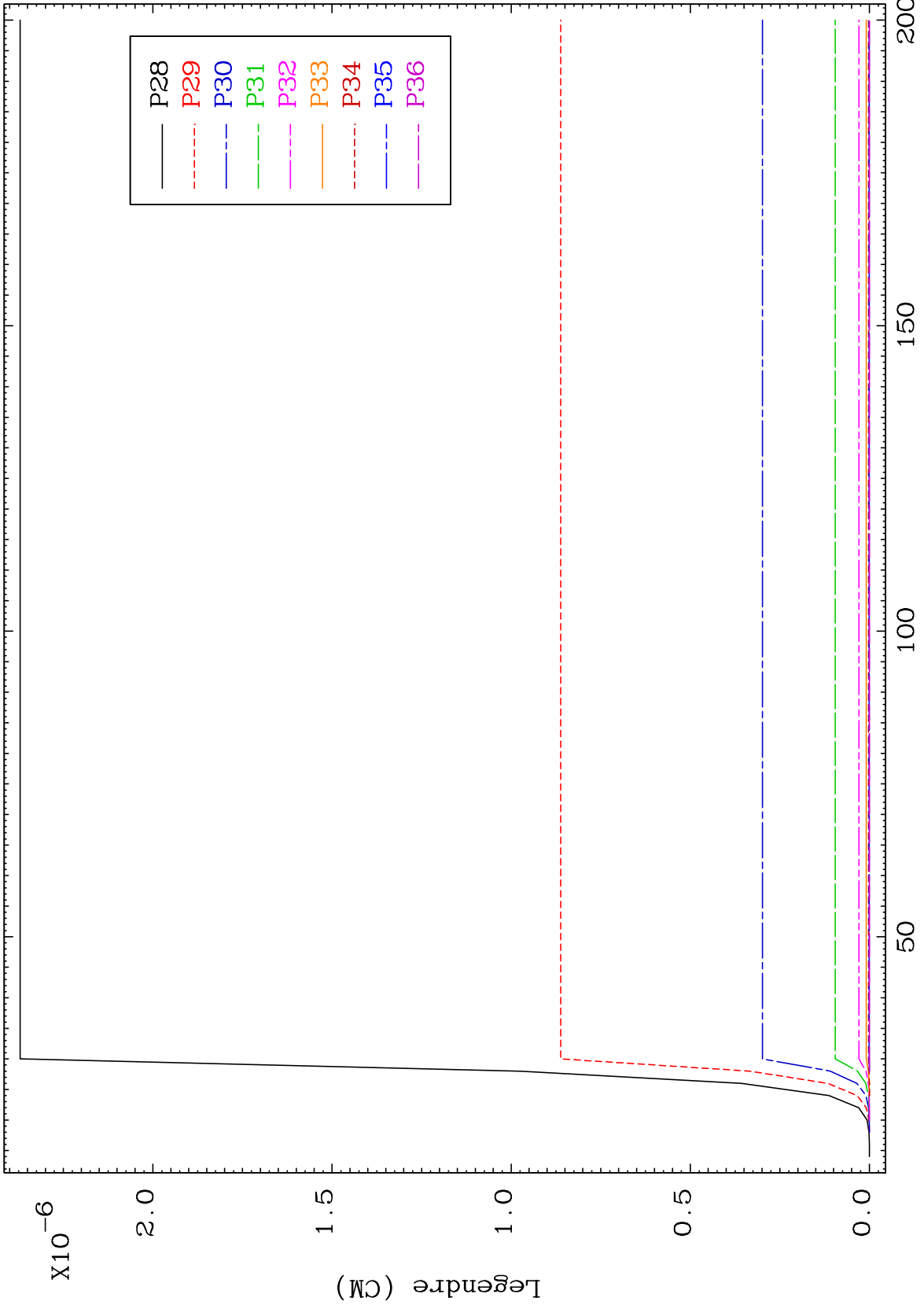
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



67

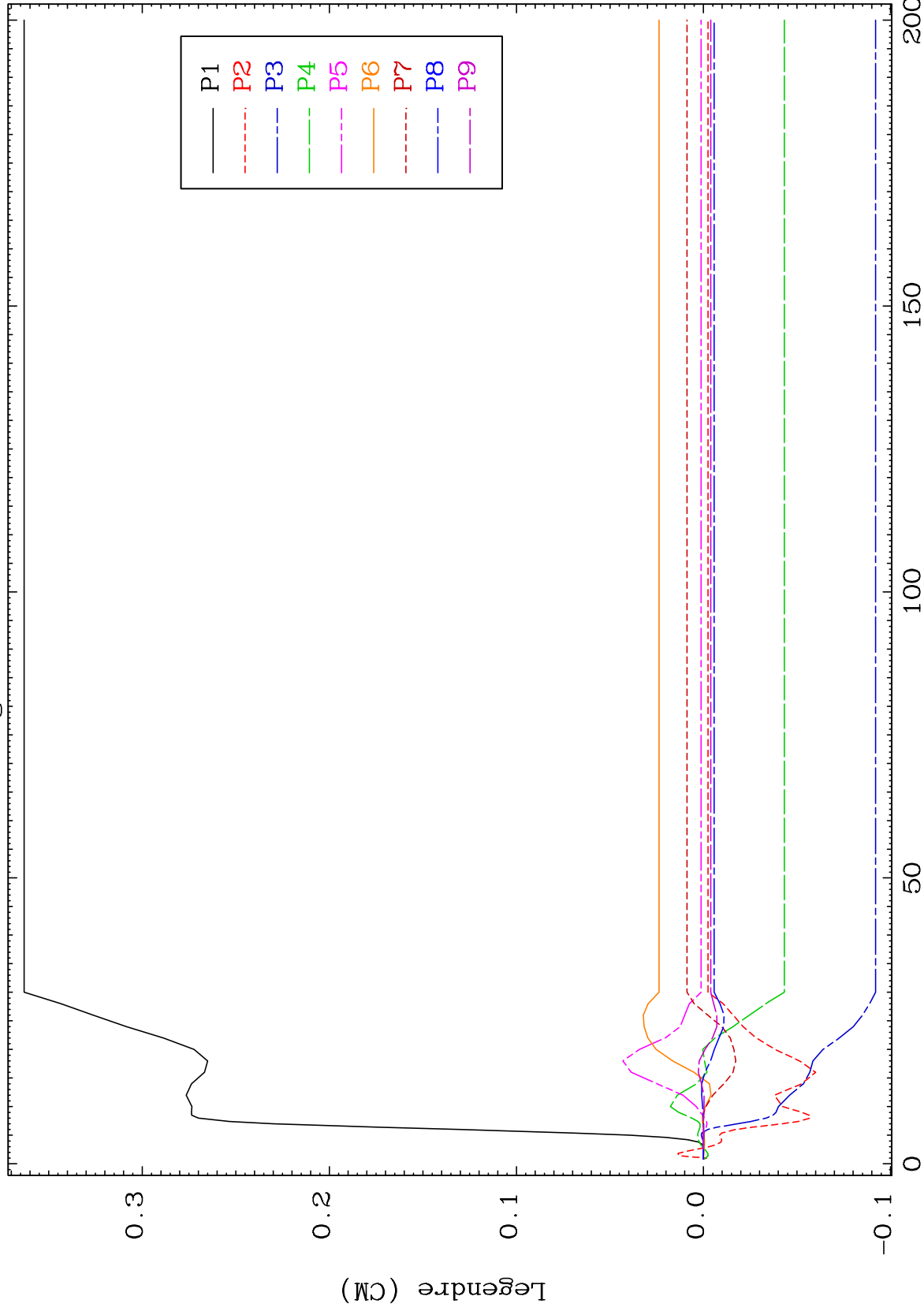
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



68

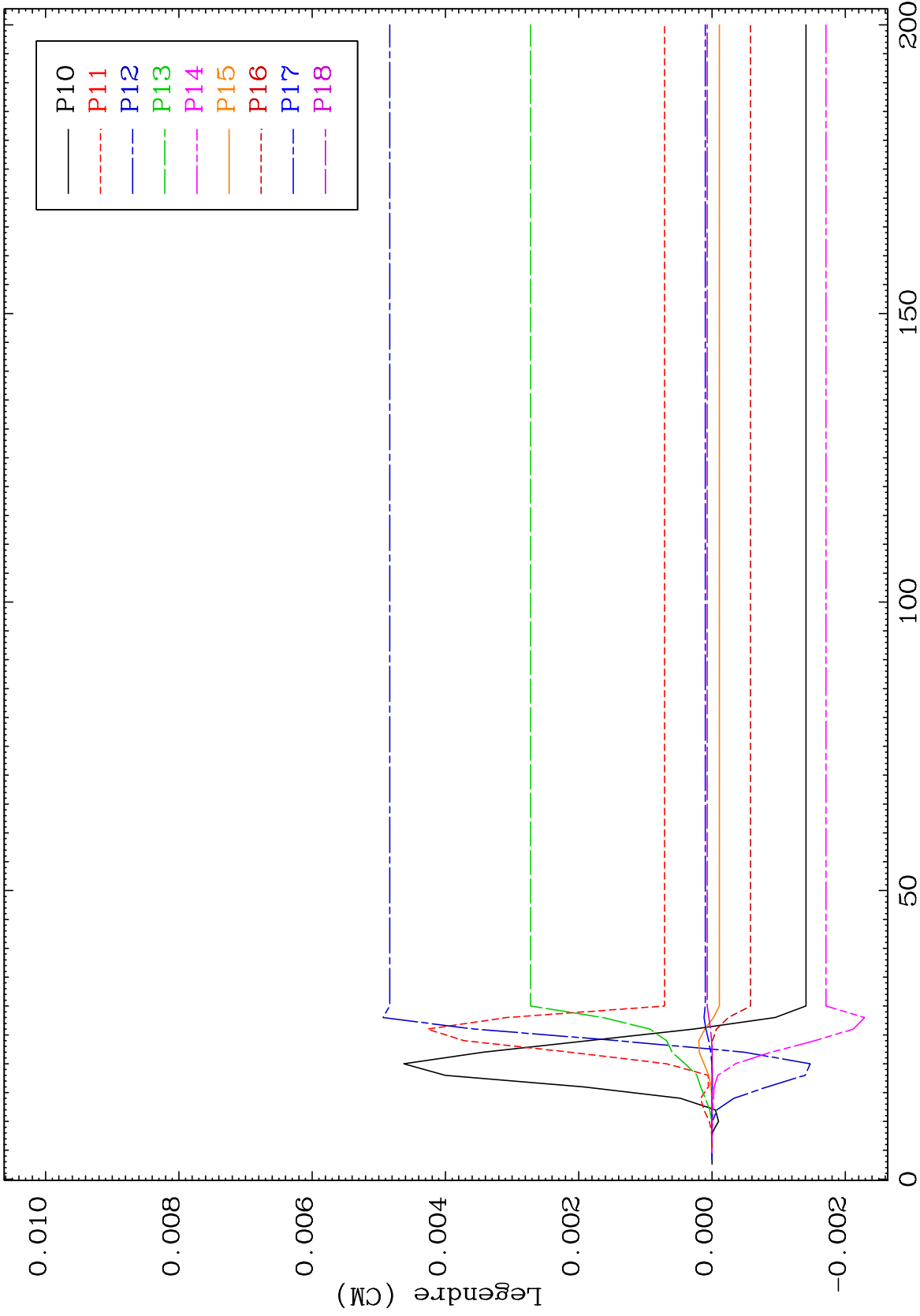
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



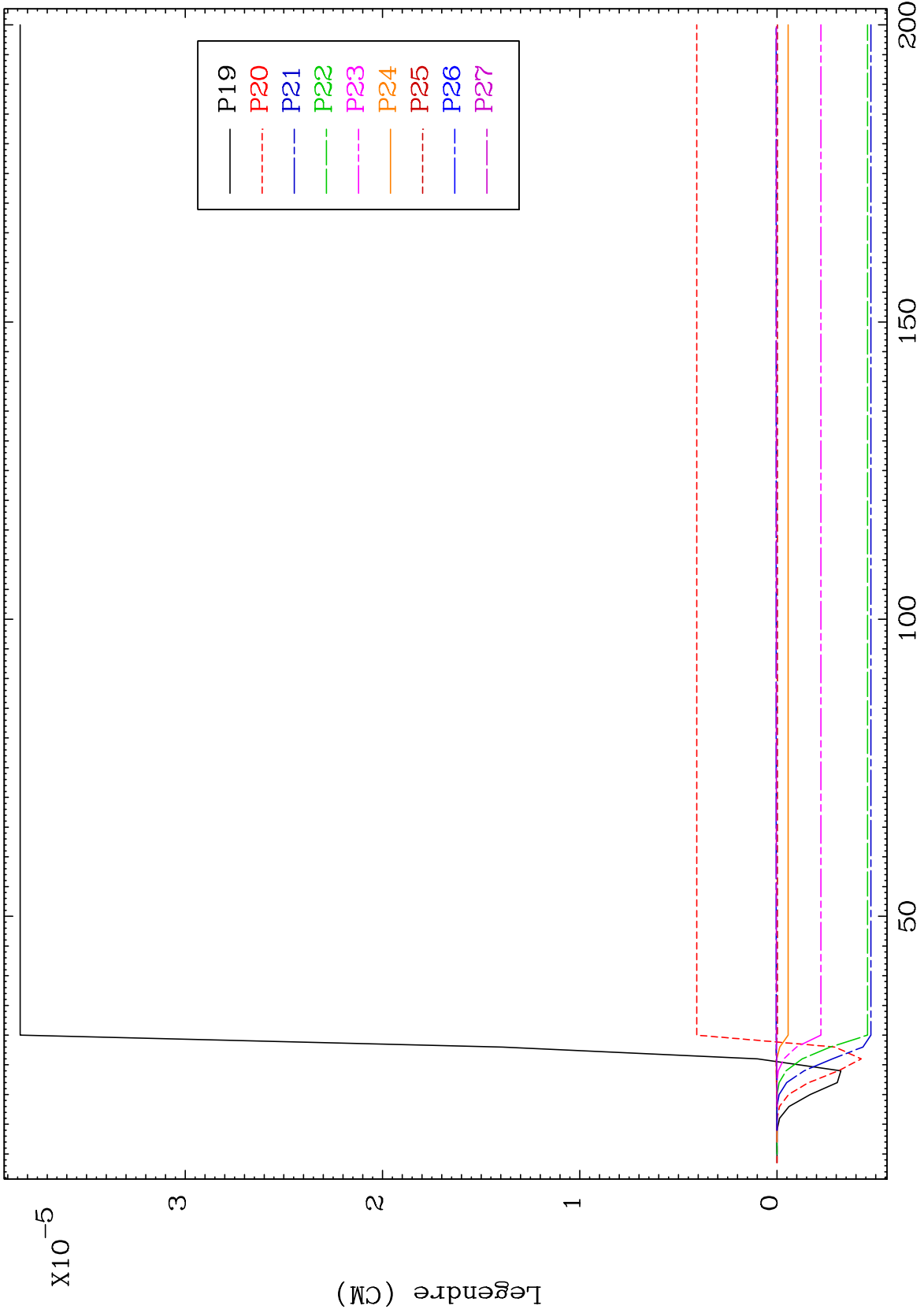
69

58-Ce-129

MAT 5804

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

58-Ce-129



70

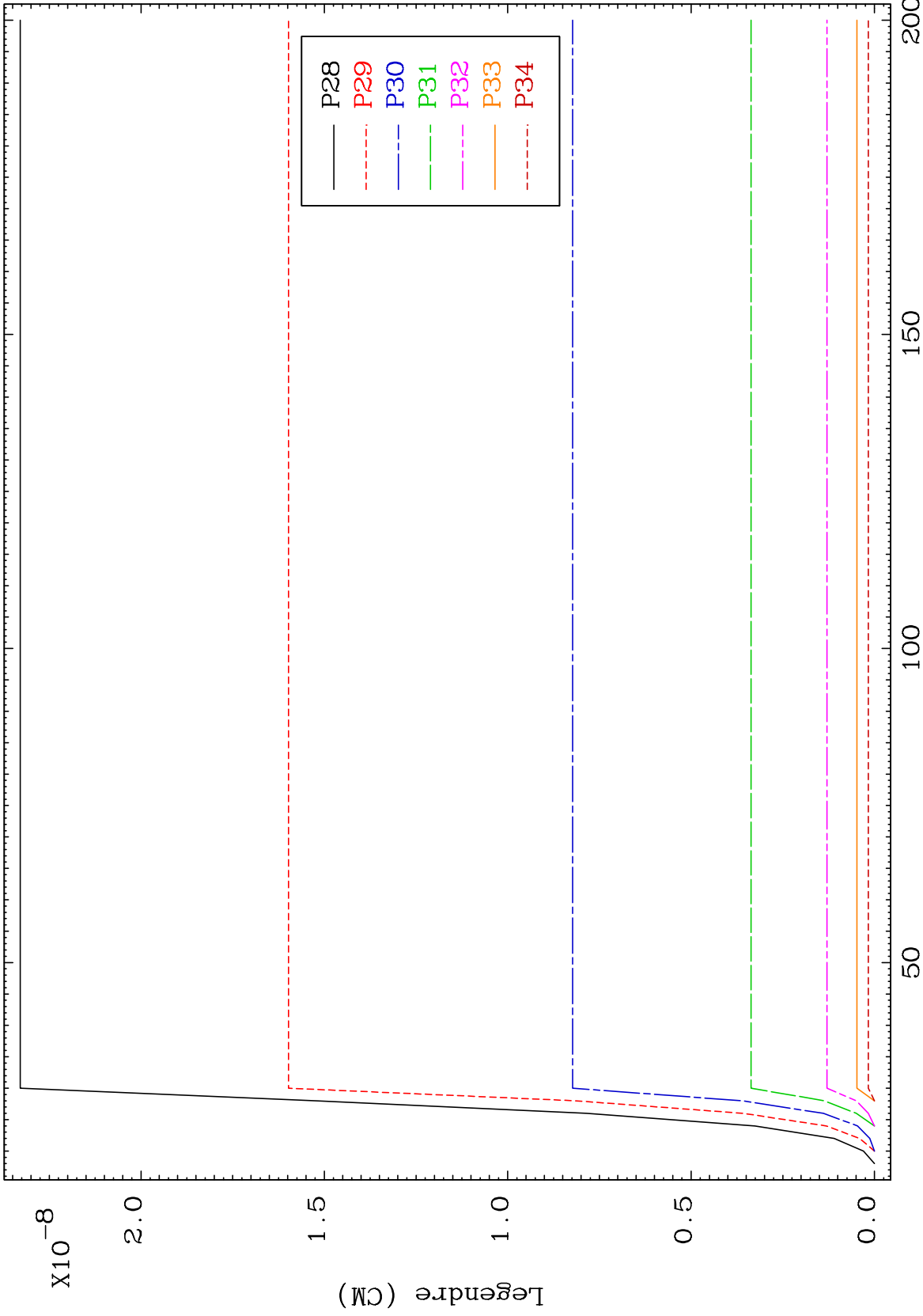
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



71

Incident Energy (MeV)

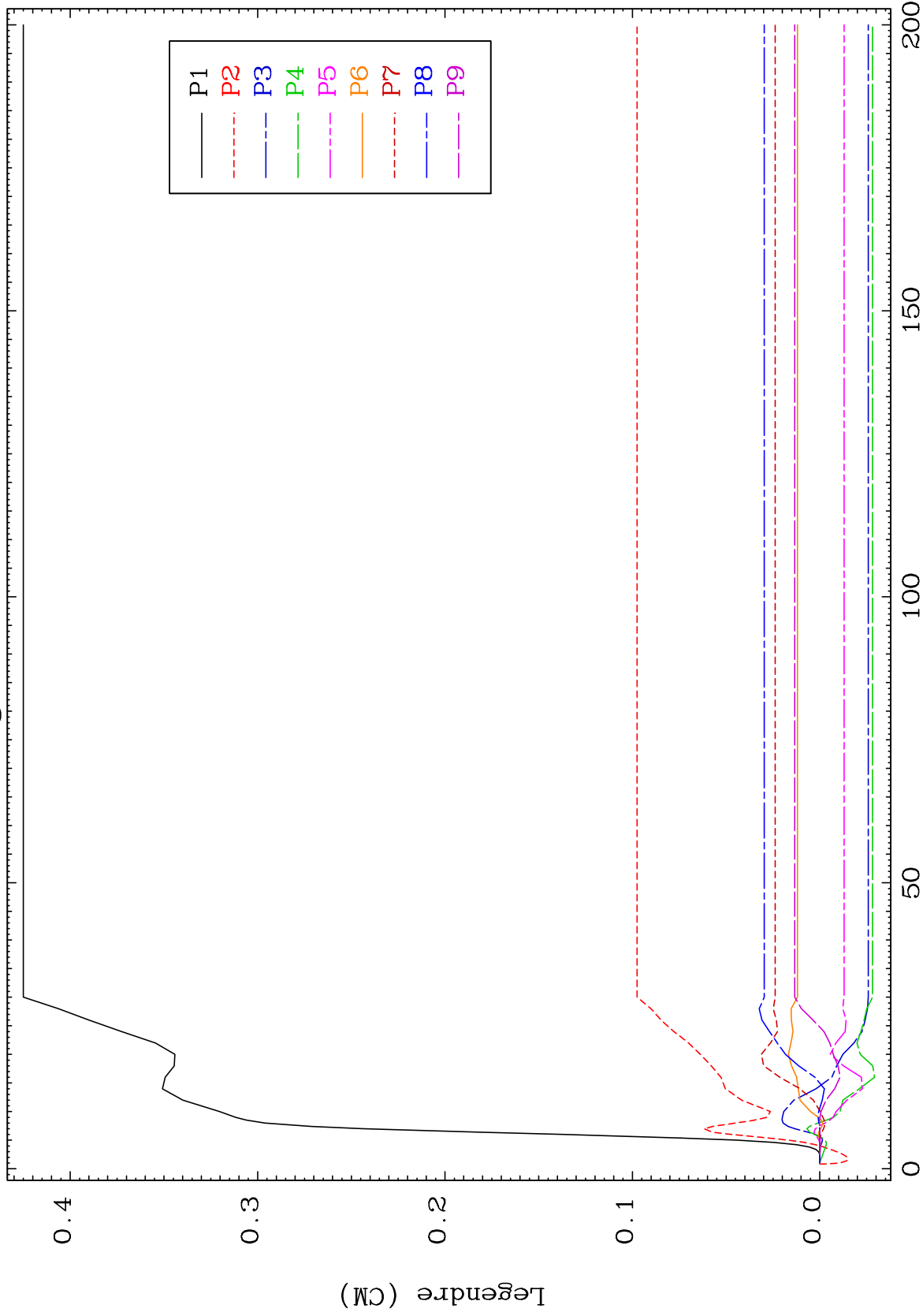
58-Ce-129



MAT 5804

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

58-Ce-129



72

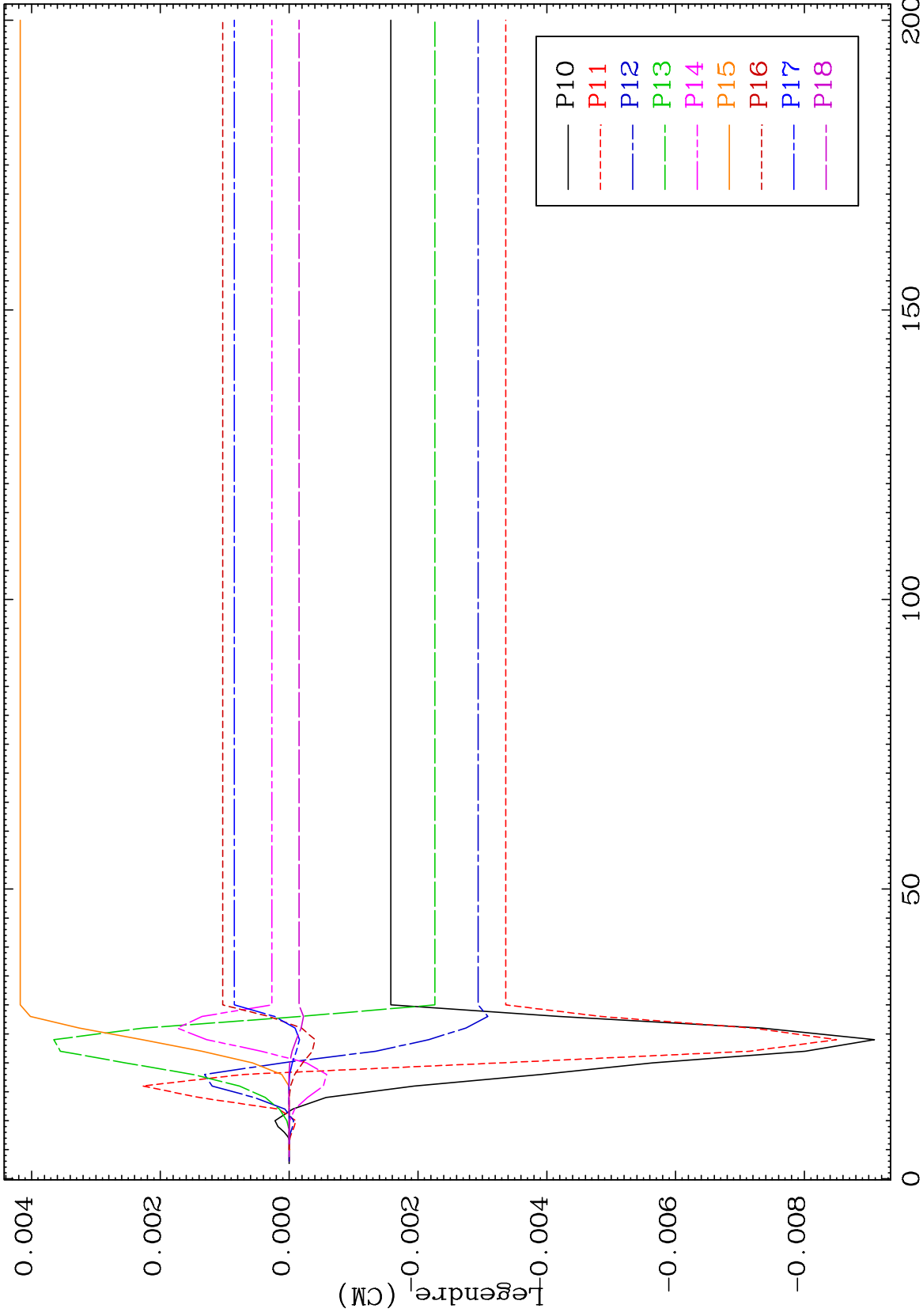
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

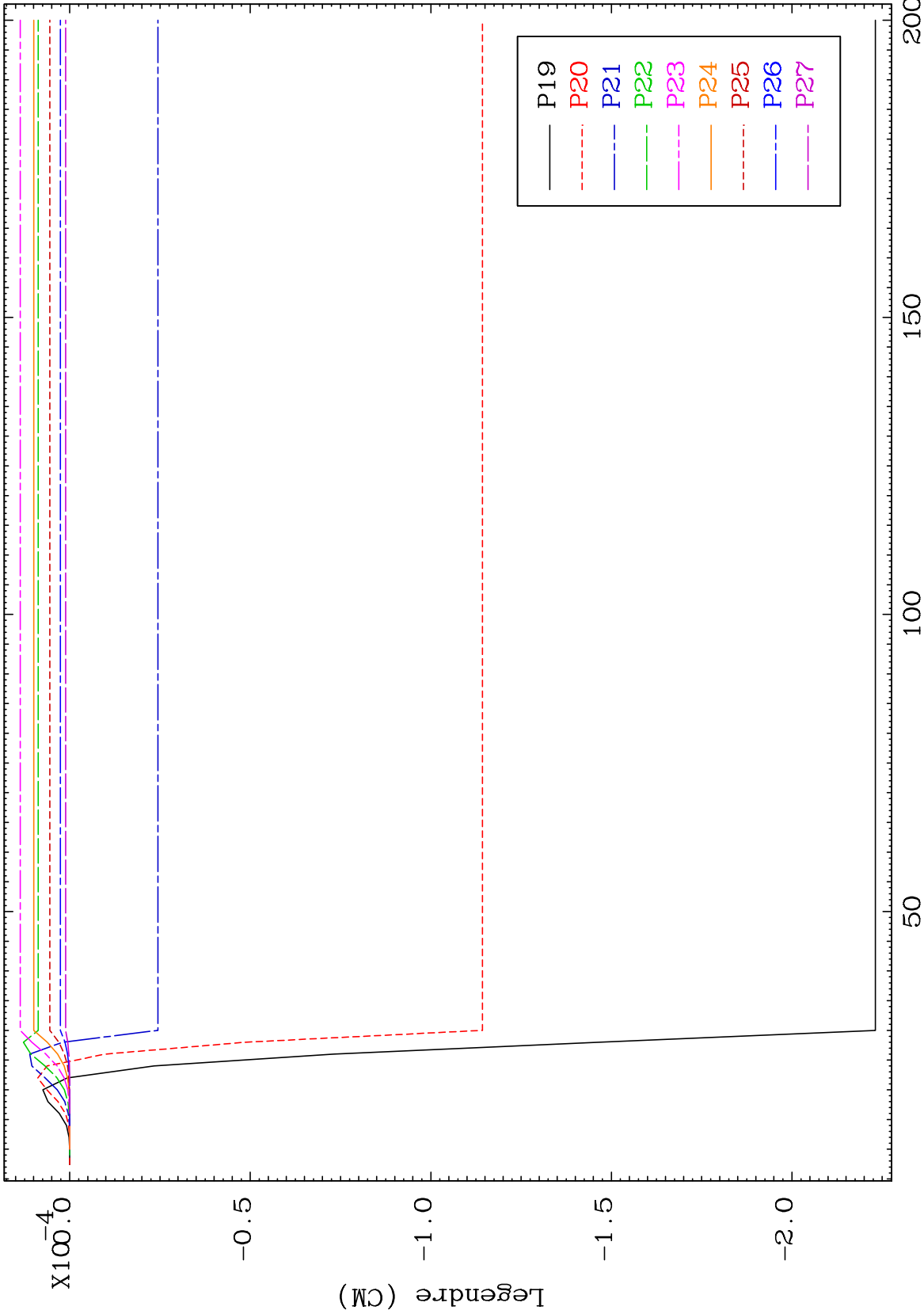
58-Ce-129



MAT 5804

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

58-Ce-129



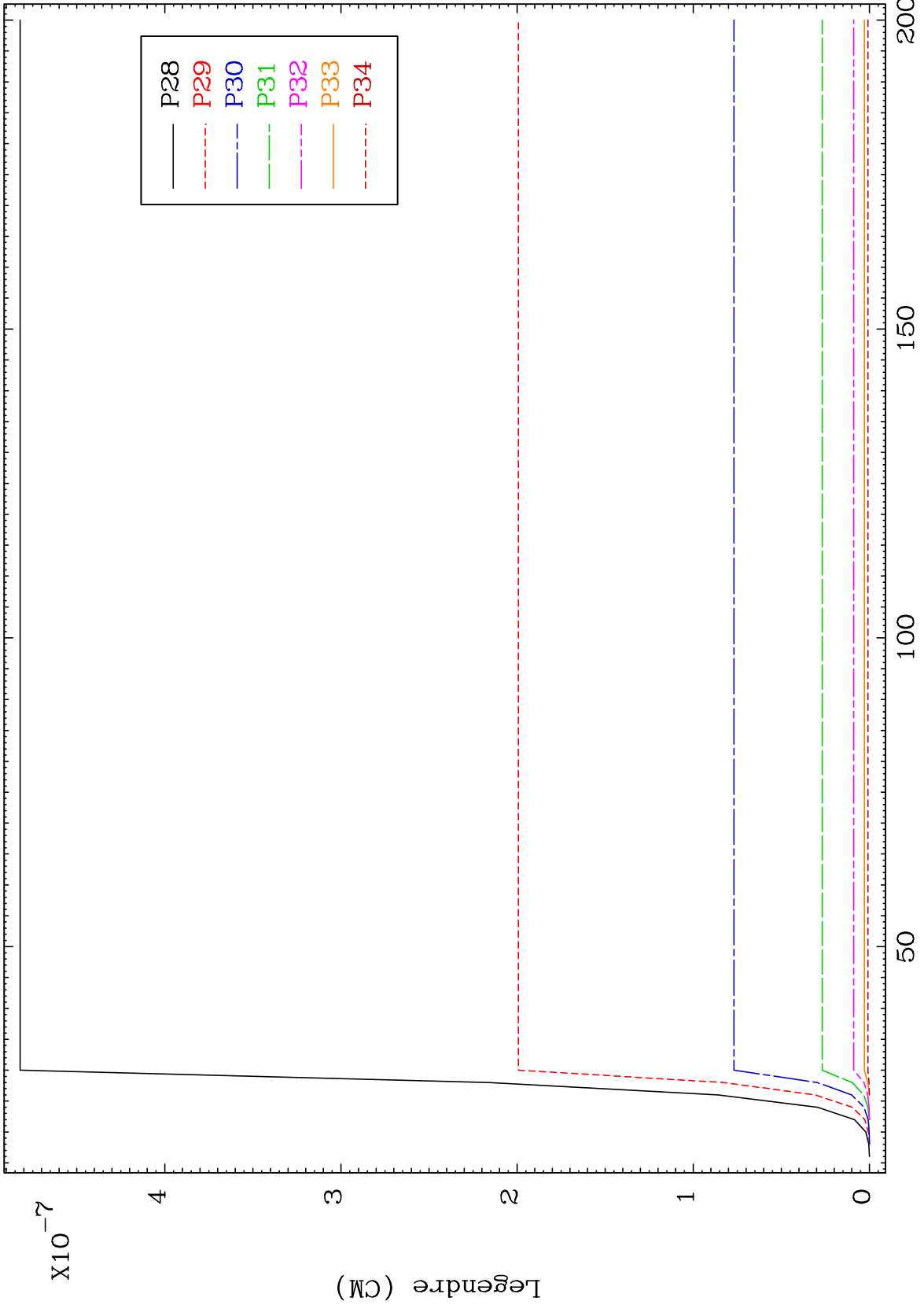
74

58-Ce-129

MAT 5804

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

58-Ce-129



75

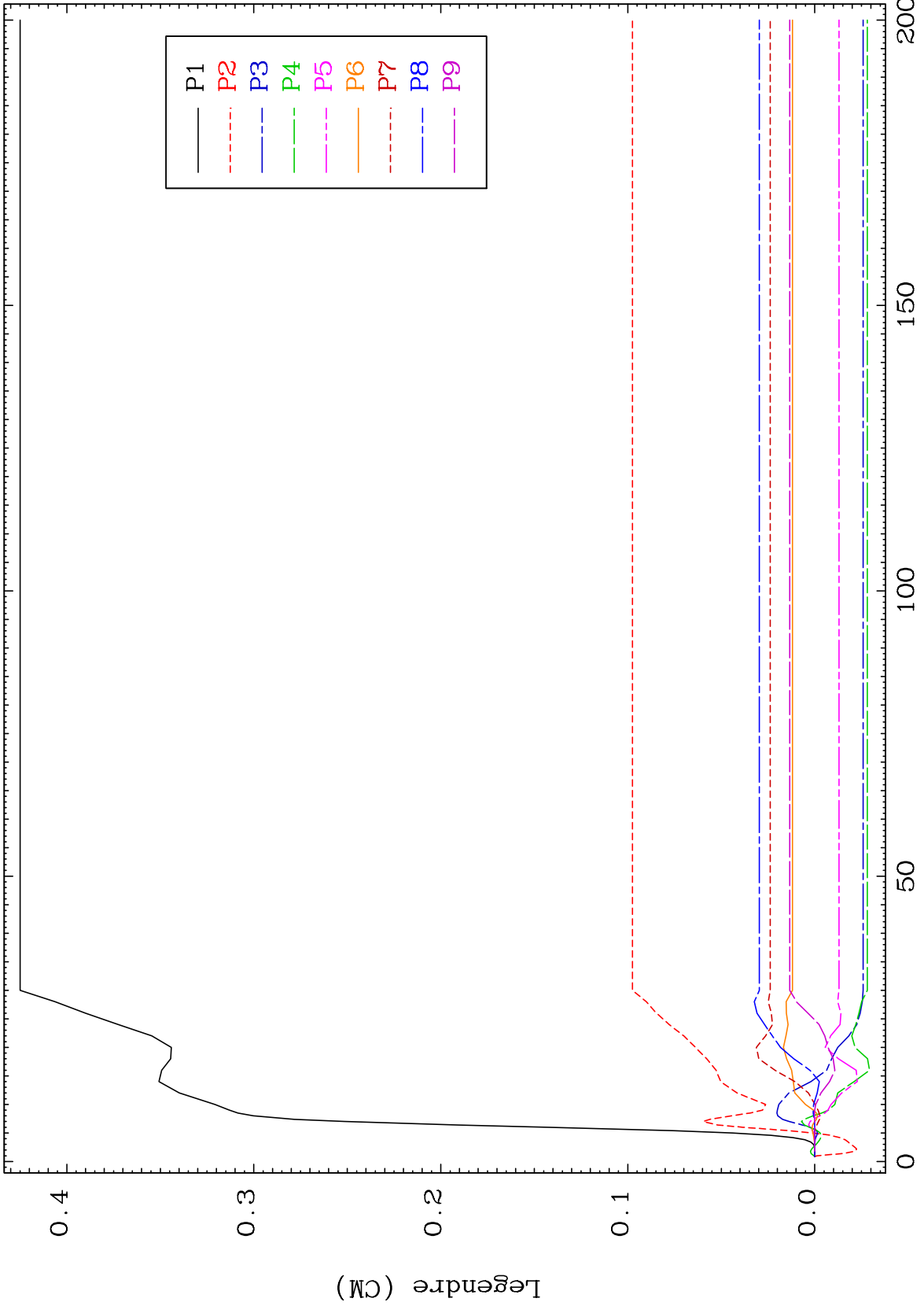
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



76

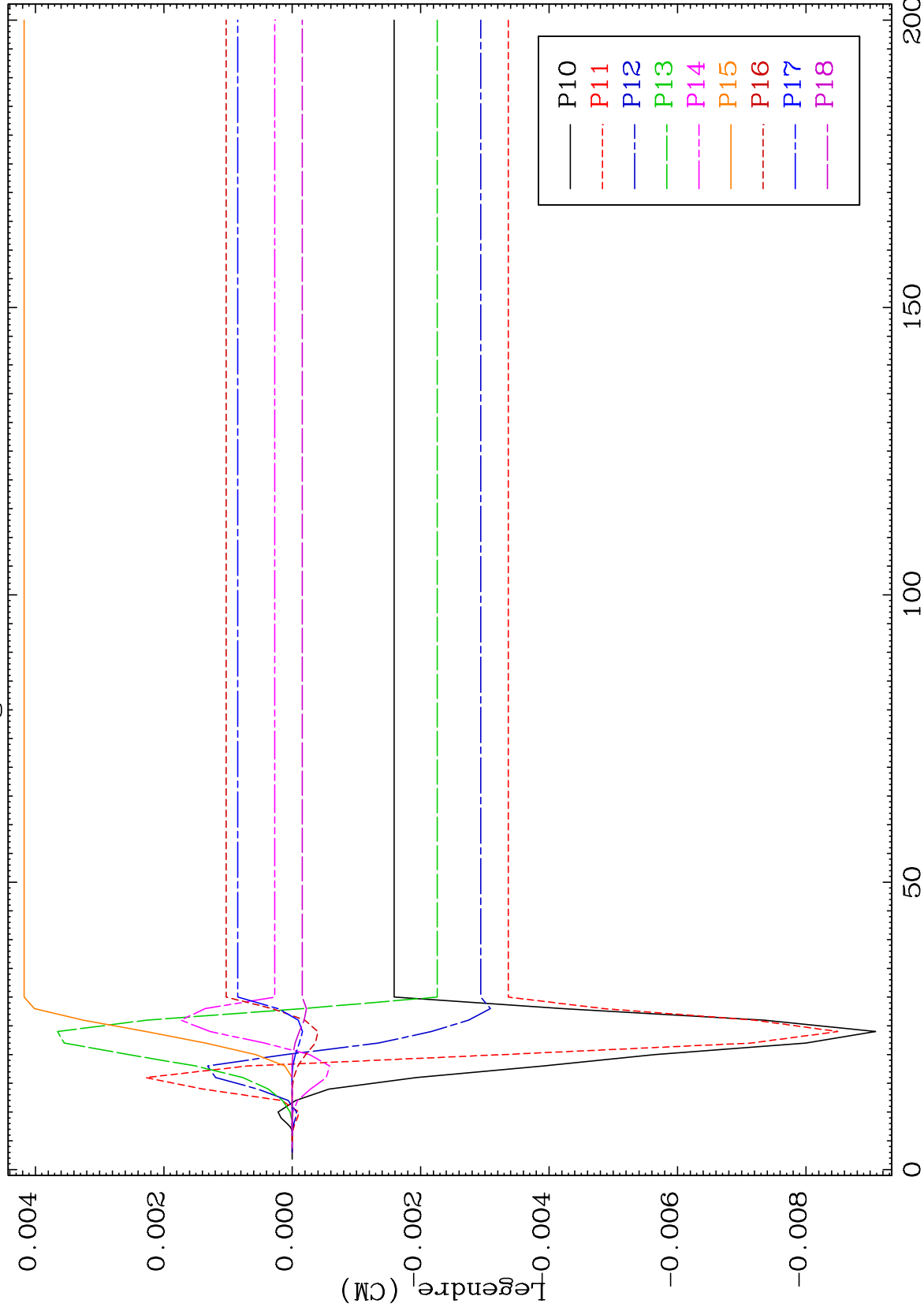
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



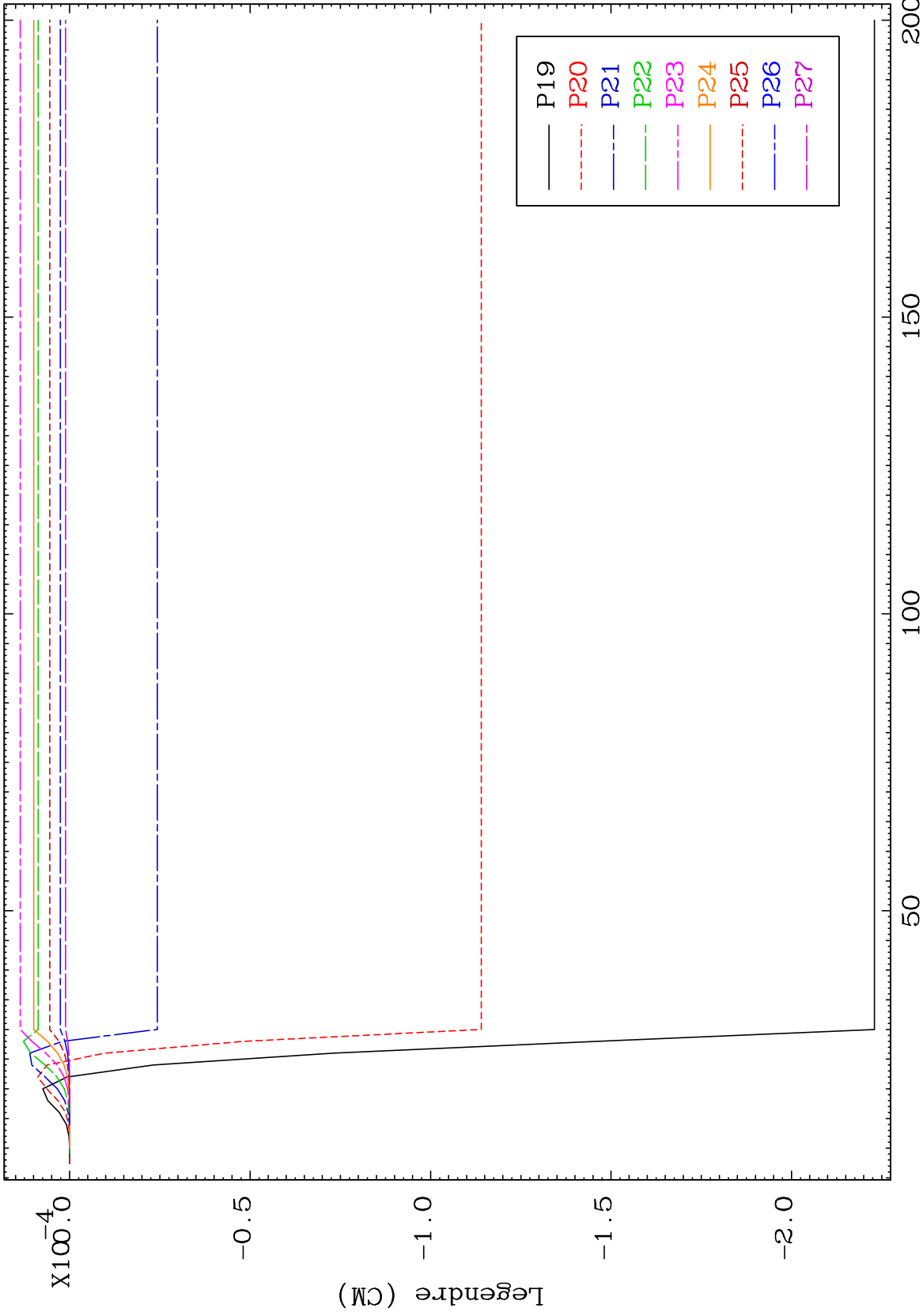
77

58-Ce-129

MAT 5804

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

58-Ce-129



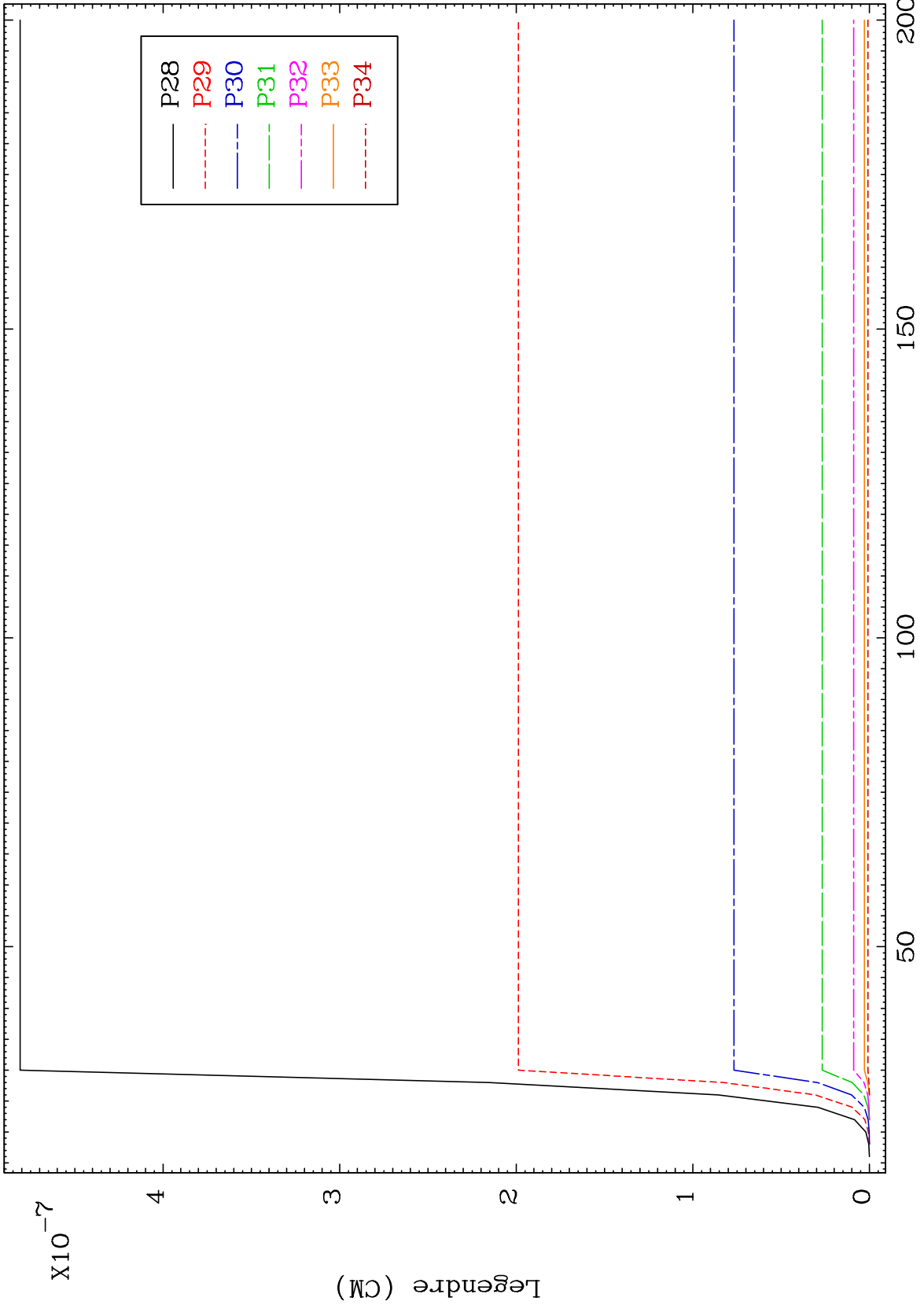
78

58-Ce-129

MAT 5804

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

58-Ce-129



79

Incident Energy (MeV)

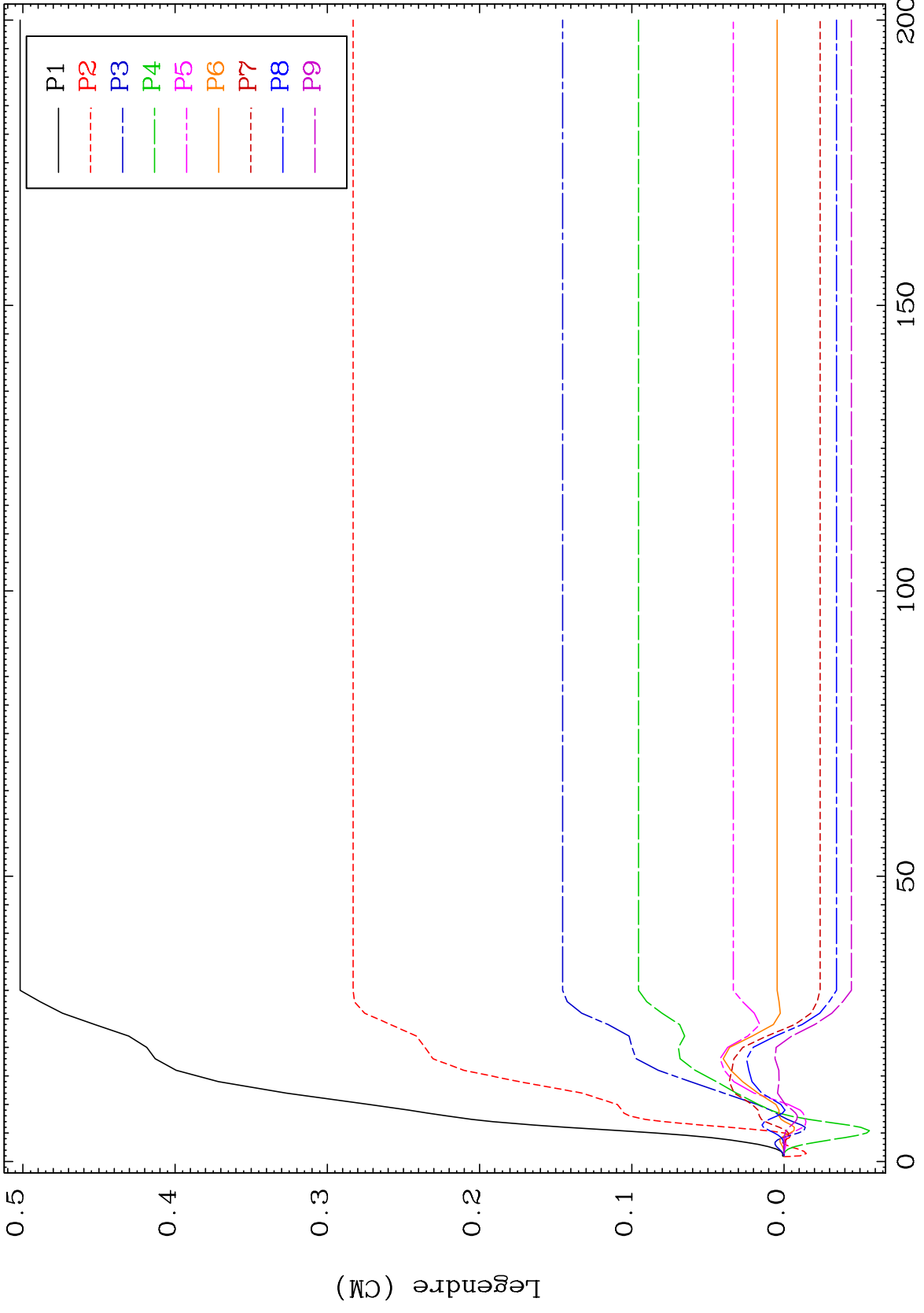
58-Ce-129



MAT 5804

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

58-Ce-129



80

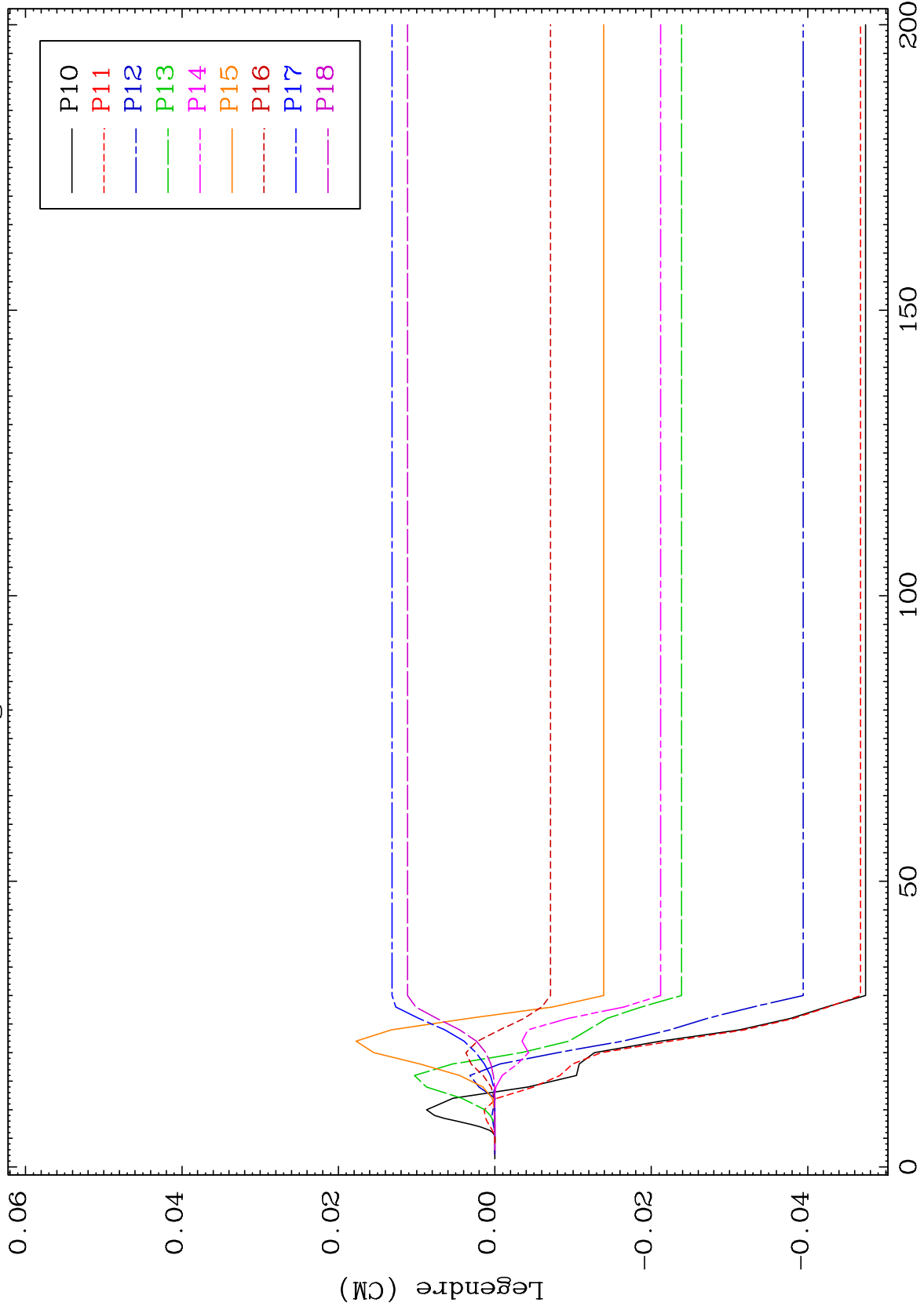
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



81

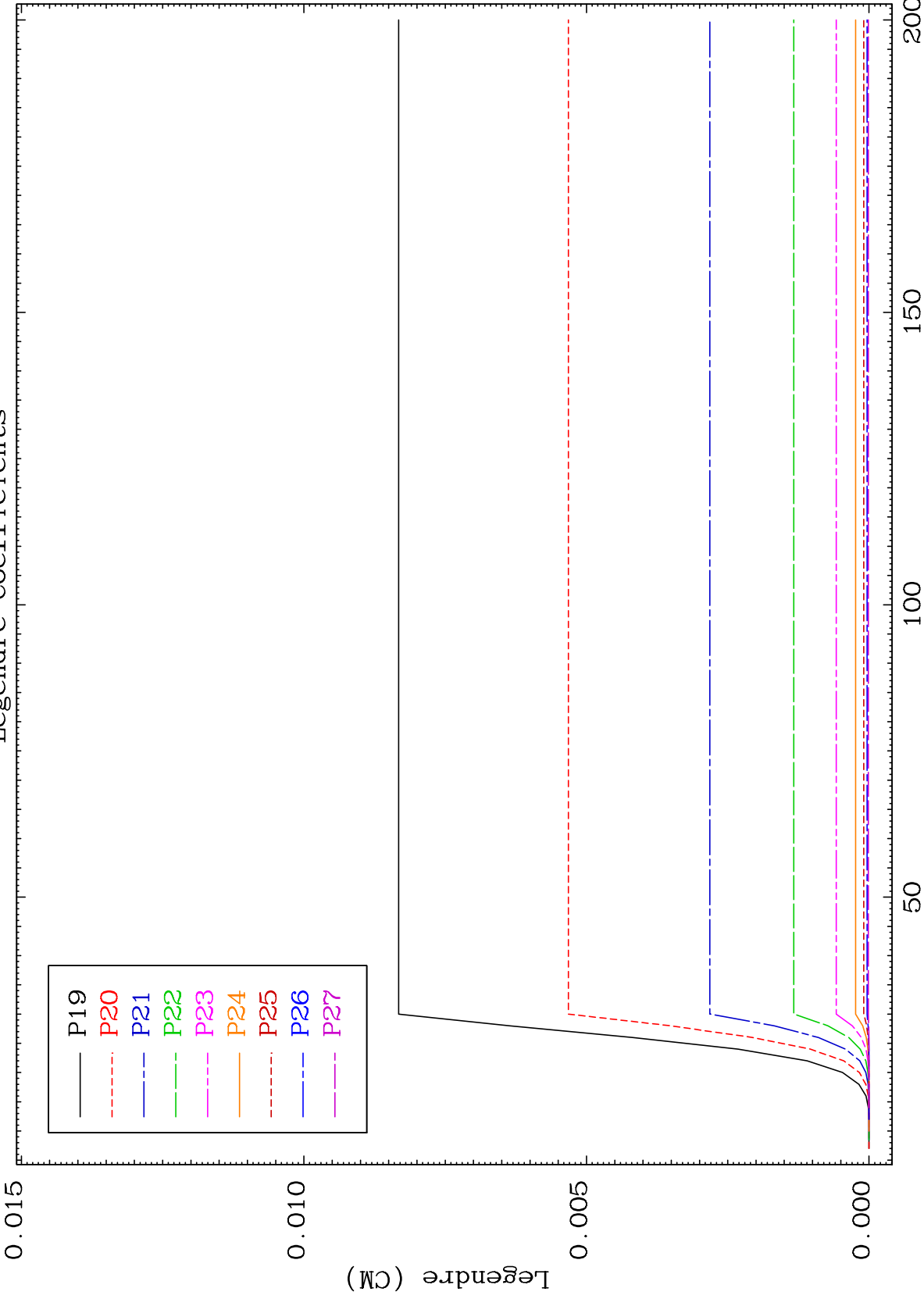
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



82

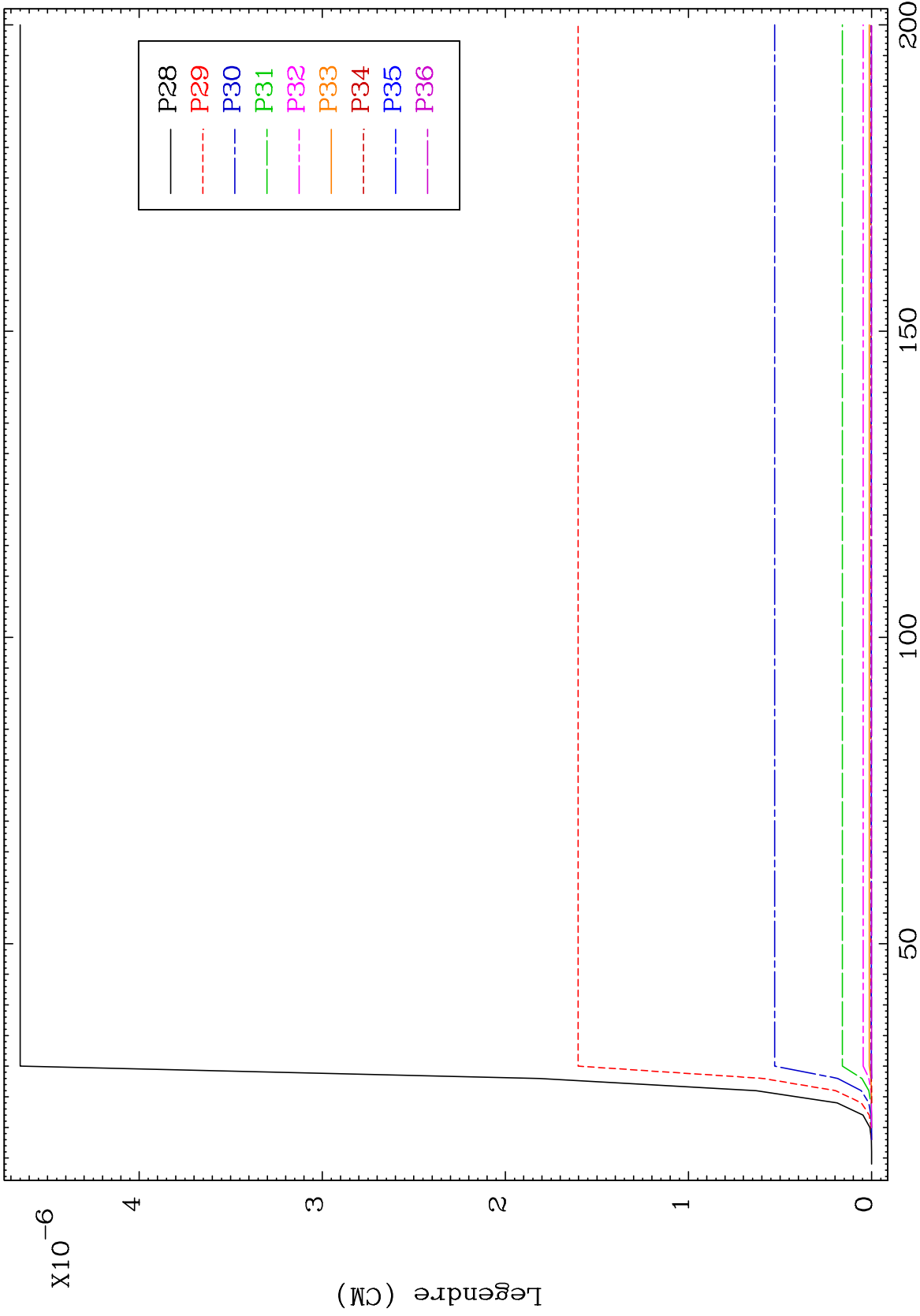
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

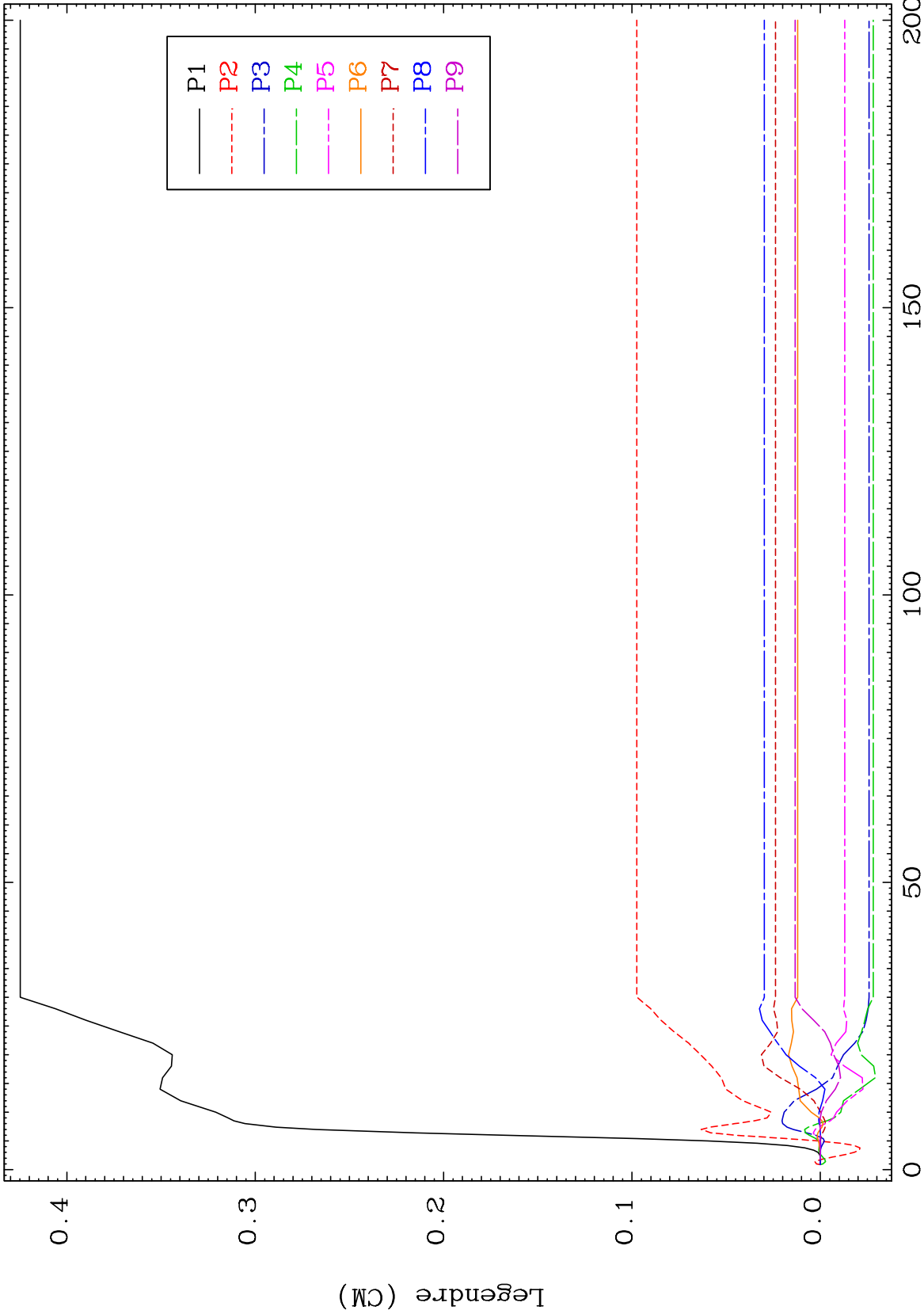
58-Ce-129



MAT 5804

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

58-Ce-129



84

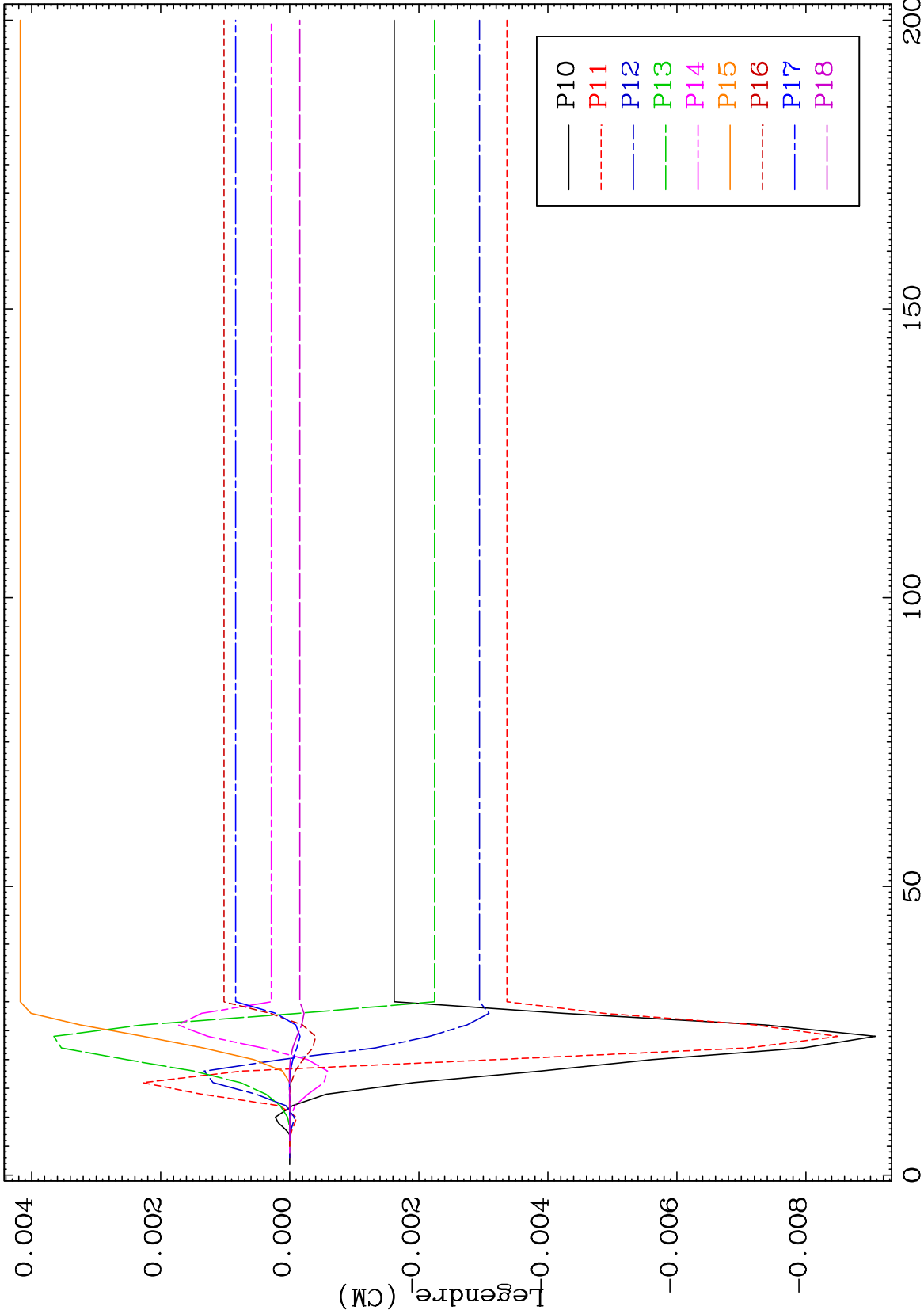
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



85

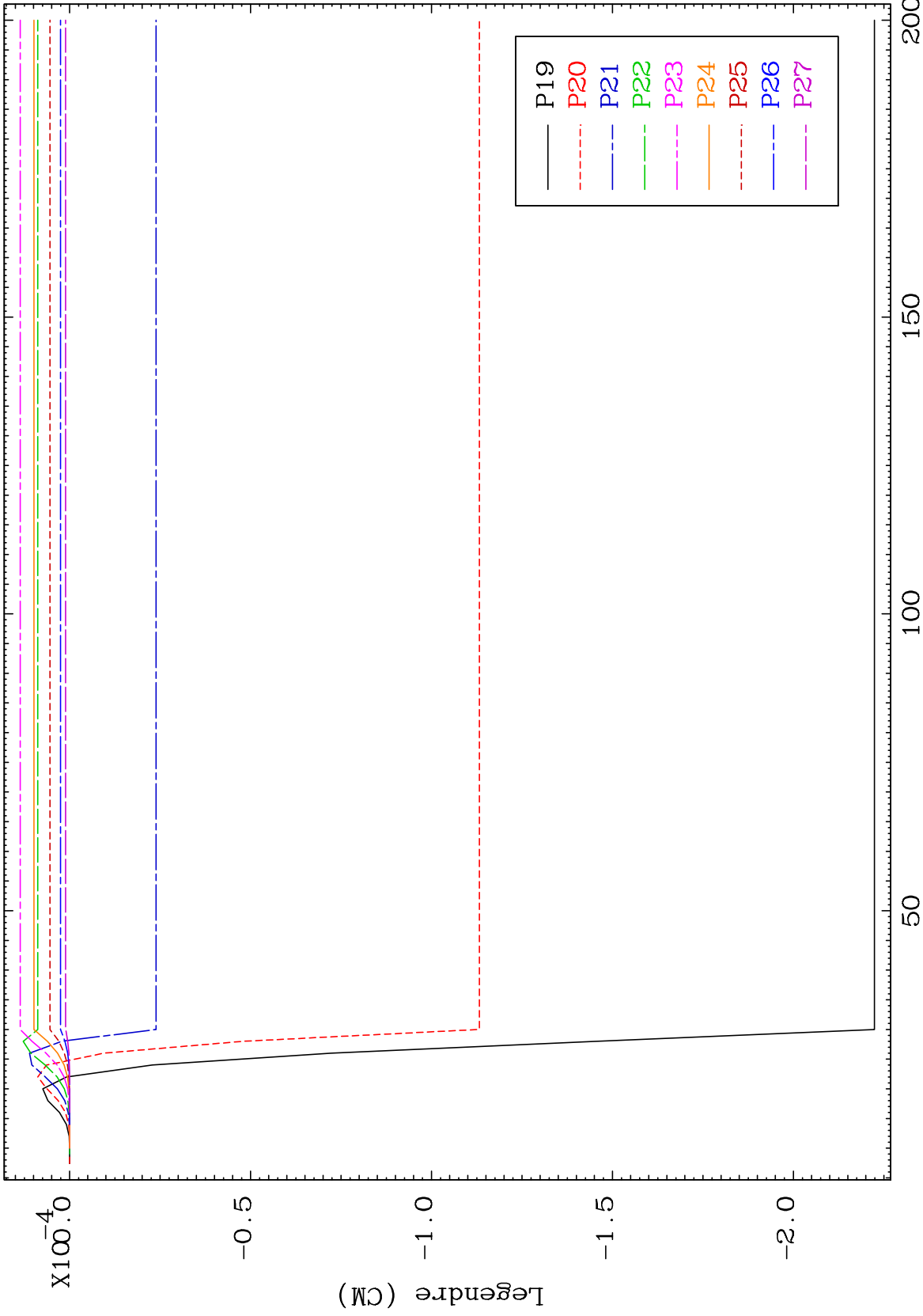
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



86

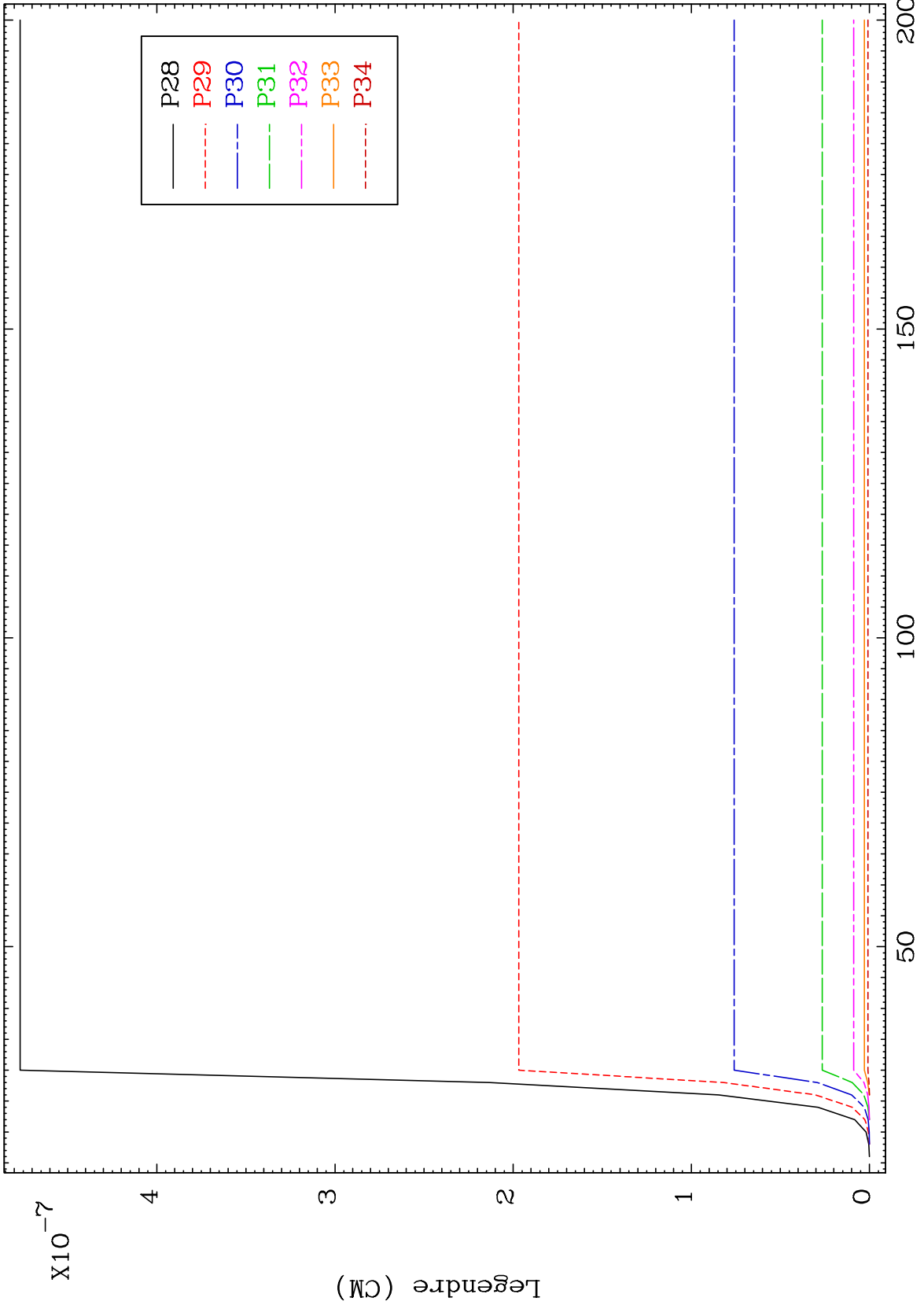
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



87

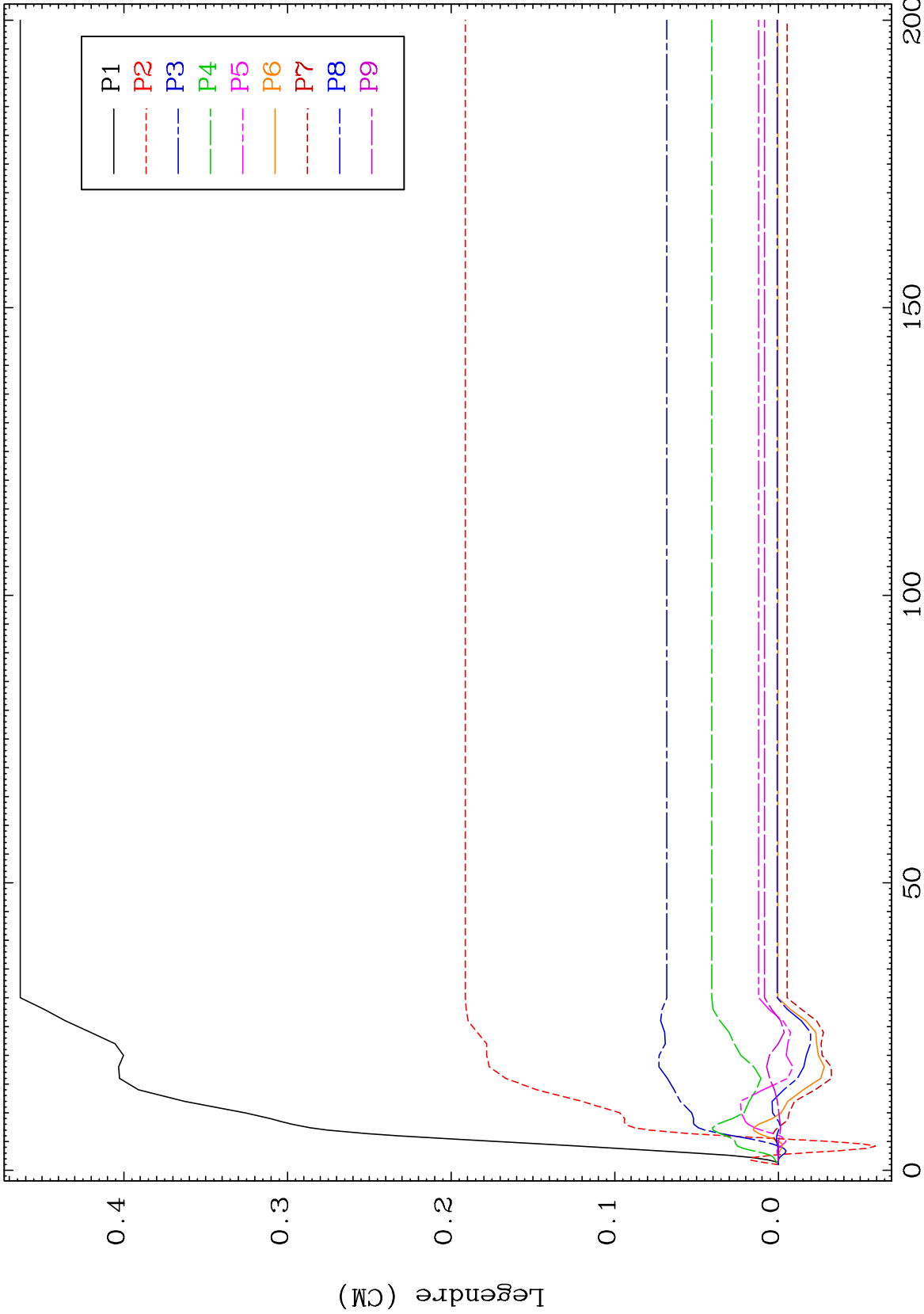
58-Ce-129



MAT 5804

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

58-Ce-129



88

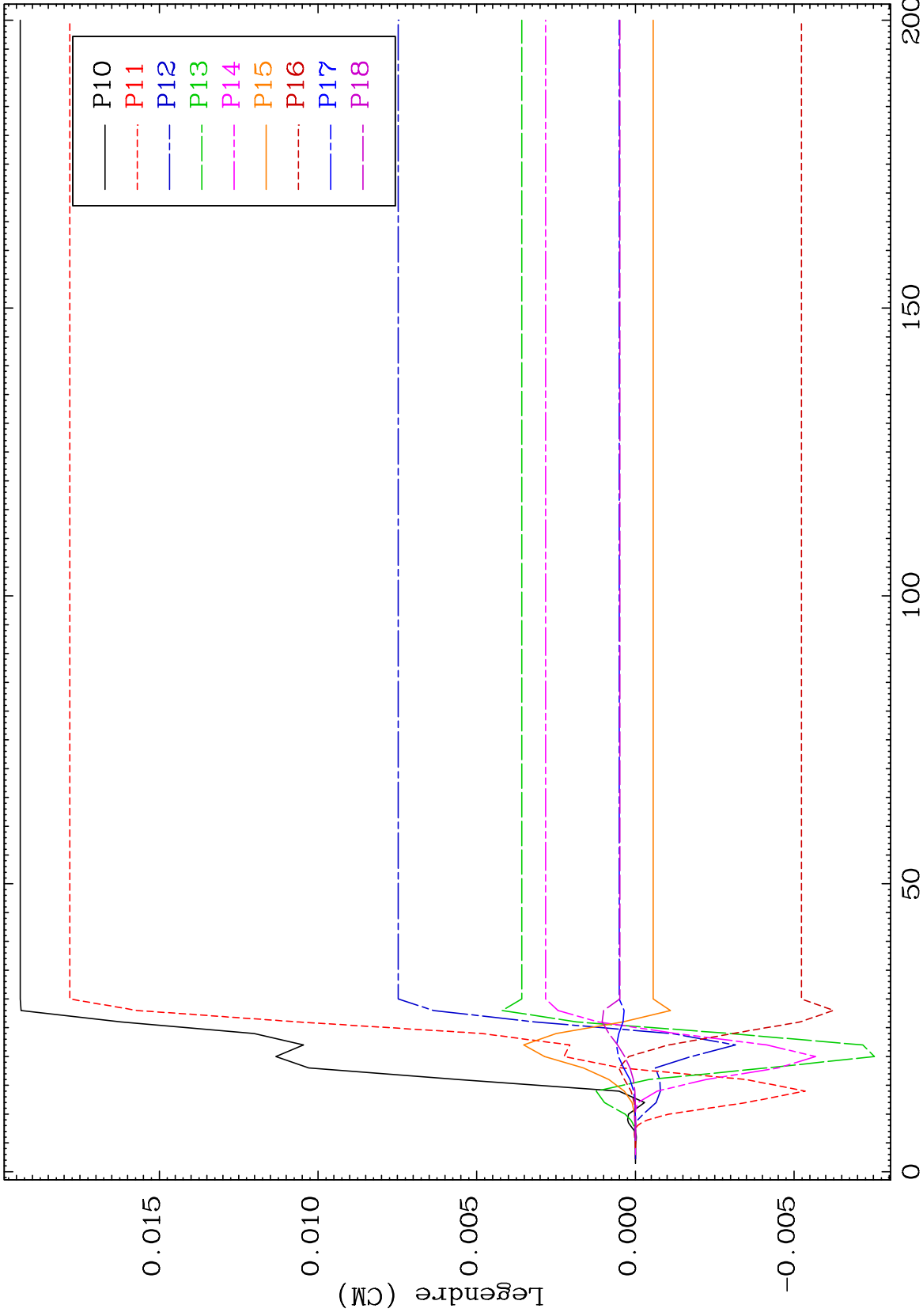
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



89

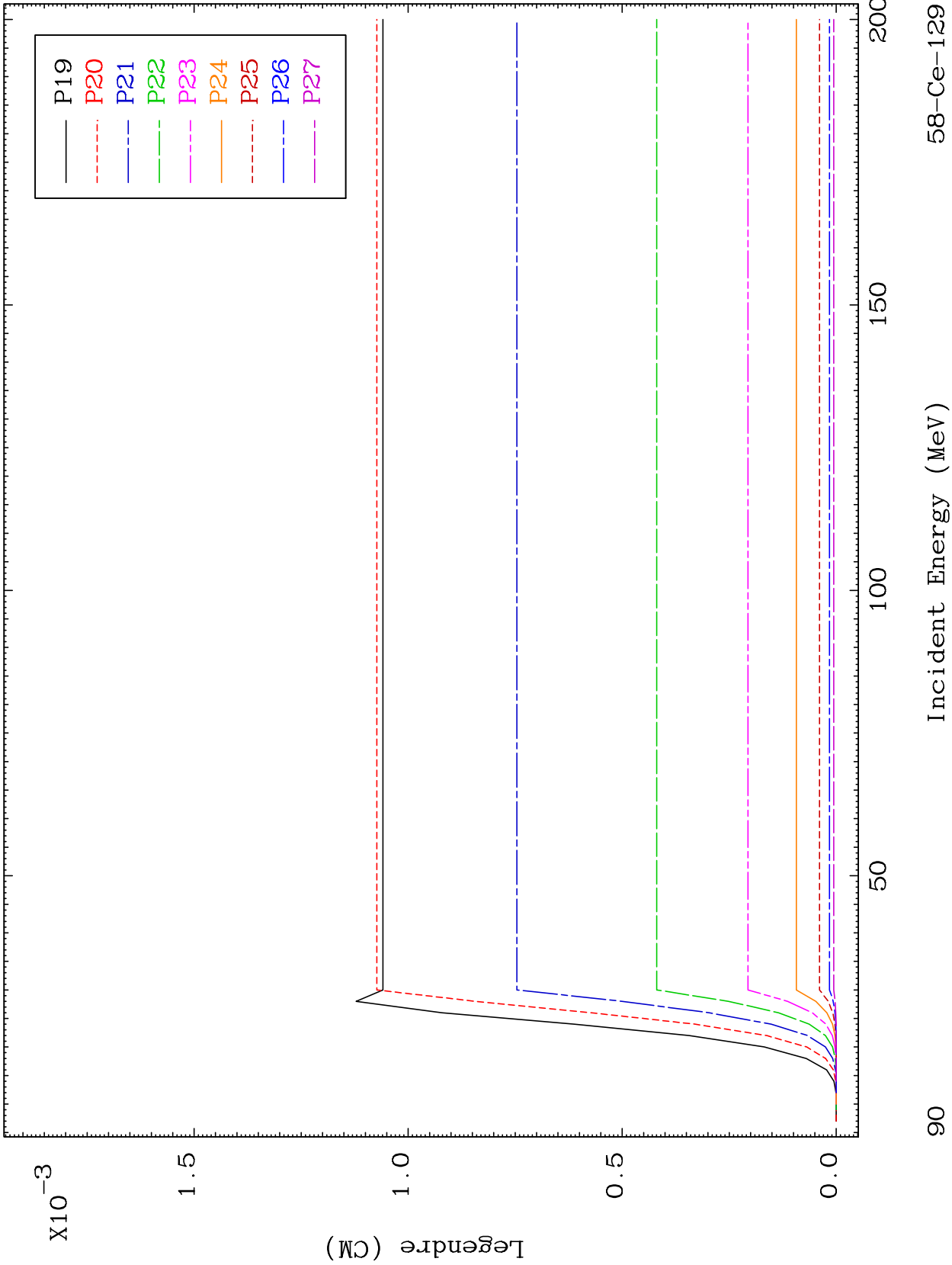
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

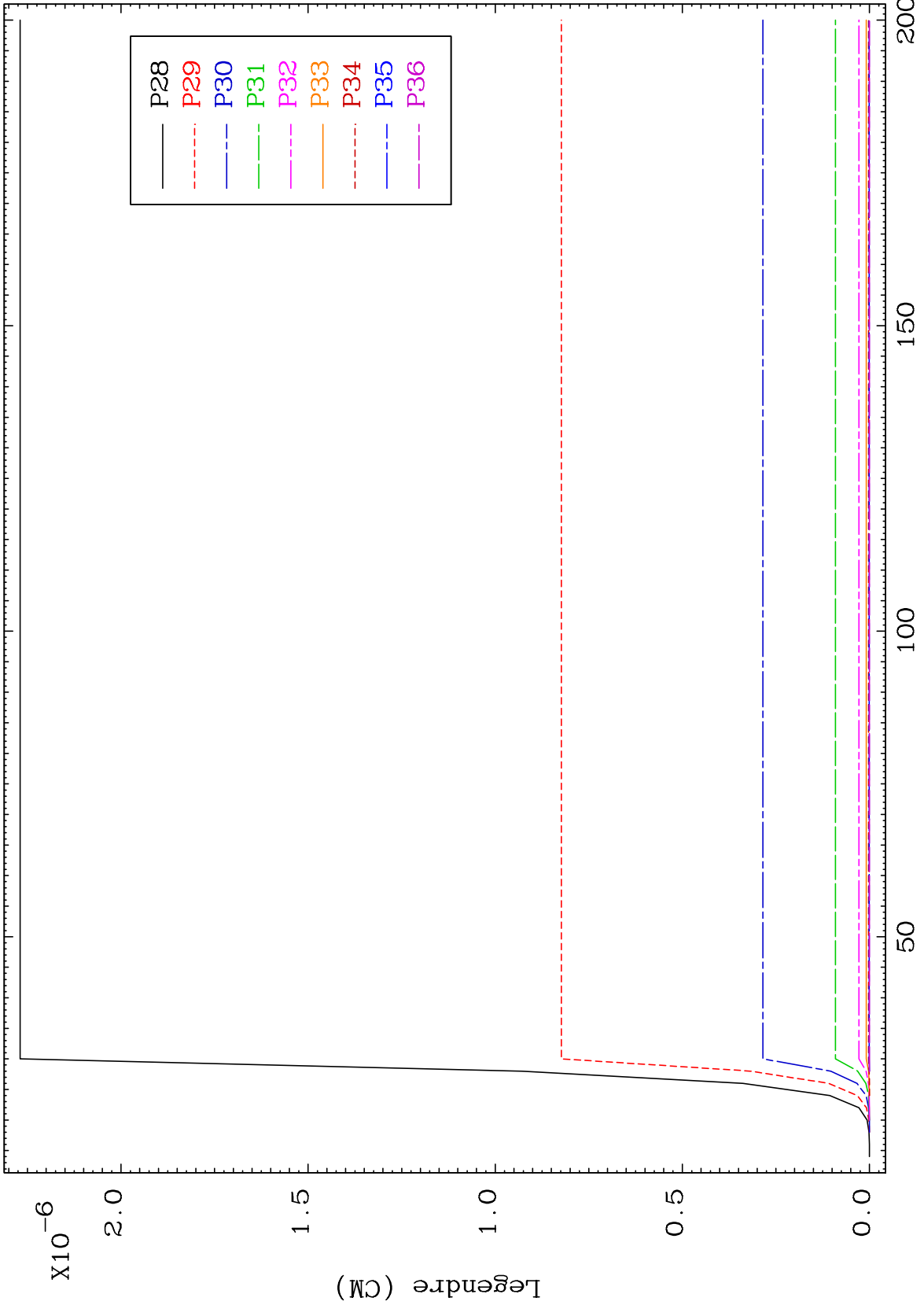
58-Ce-129



MAT 5804

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

58-Ce-129



91

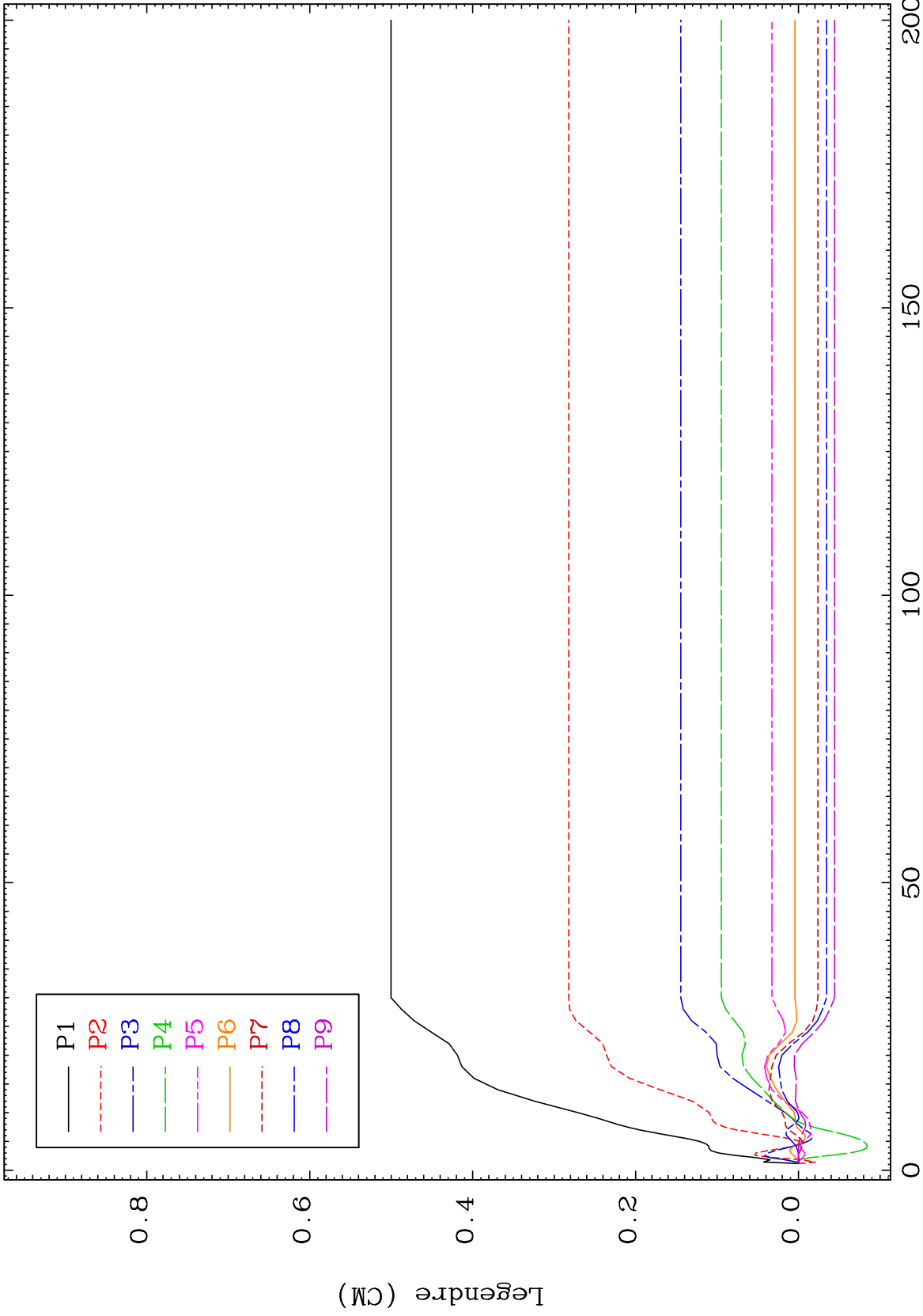
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



92

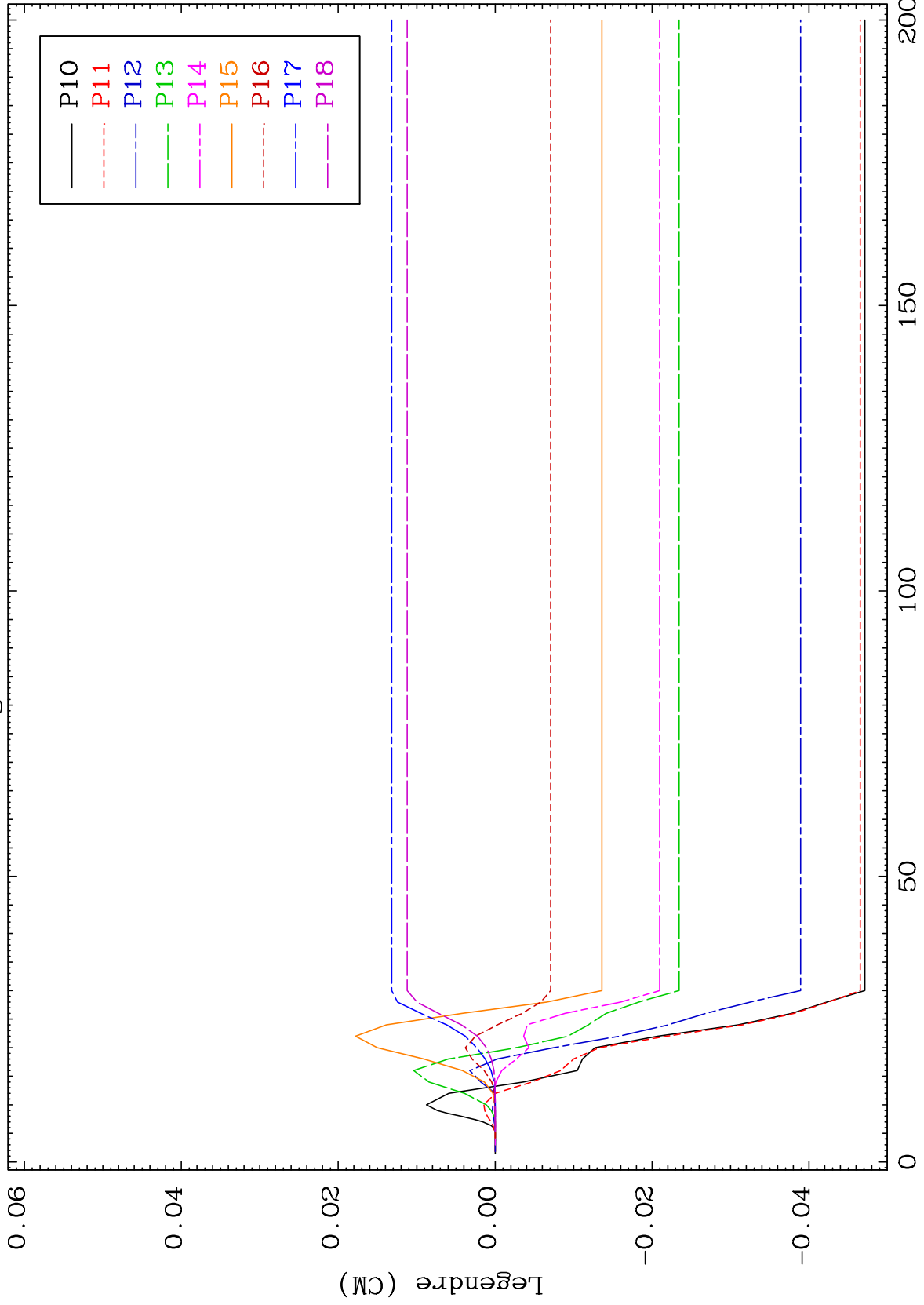
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



93

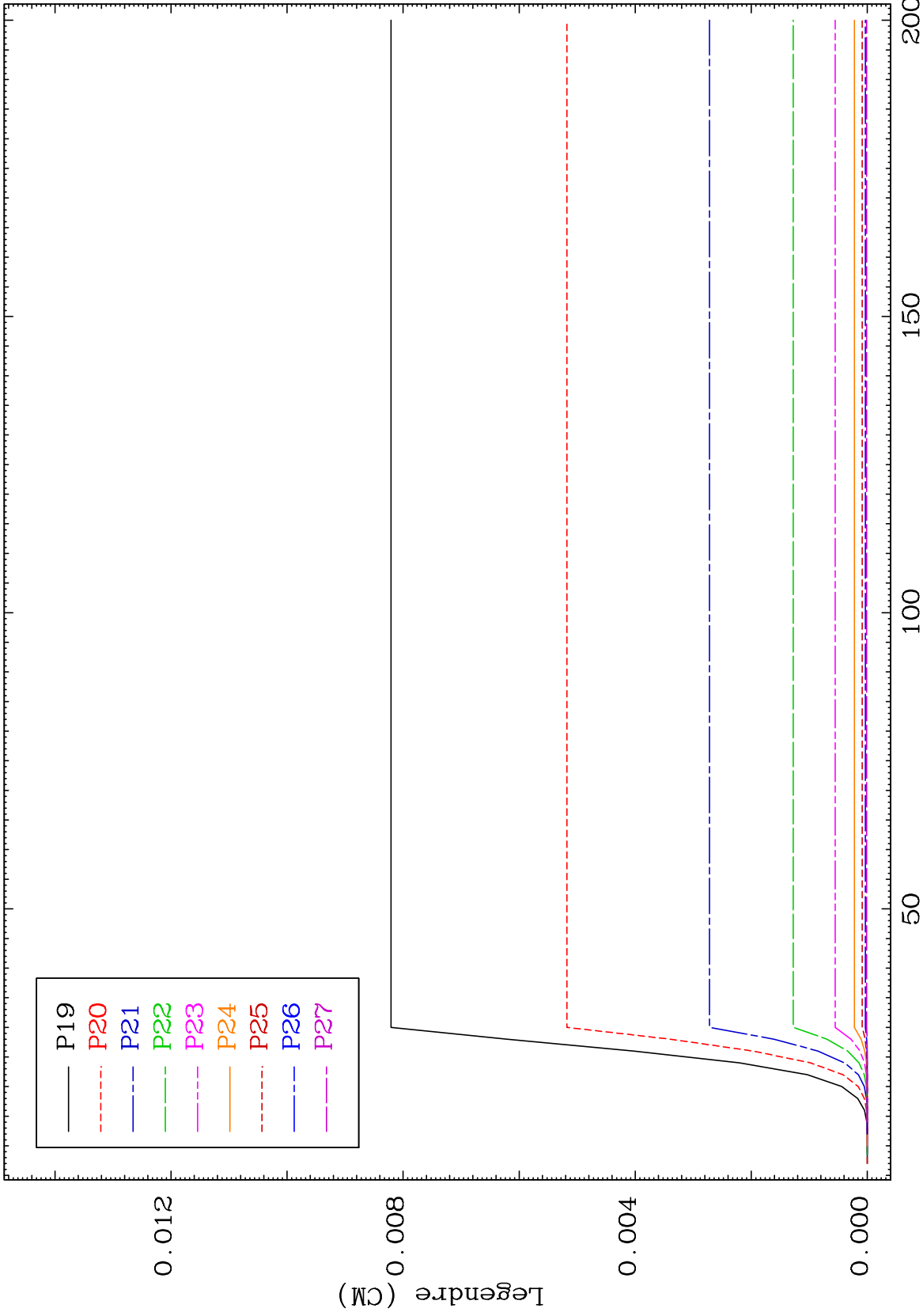
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



94

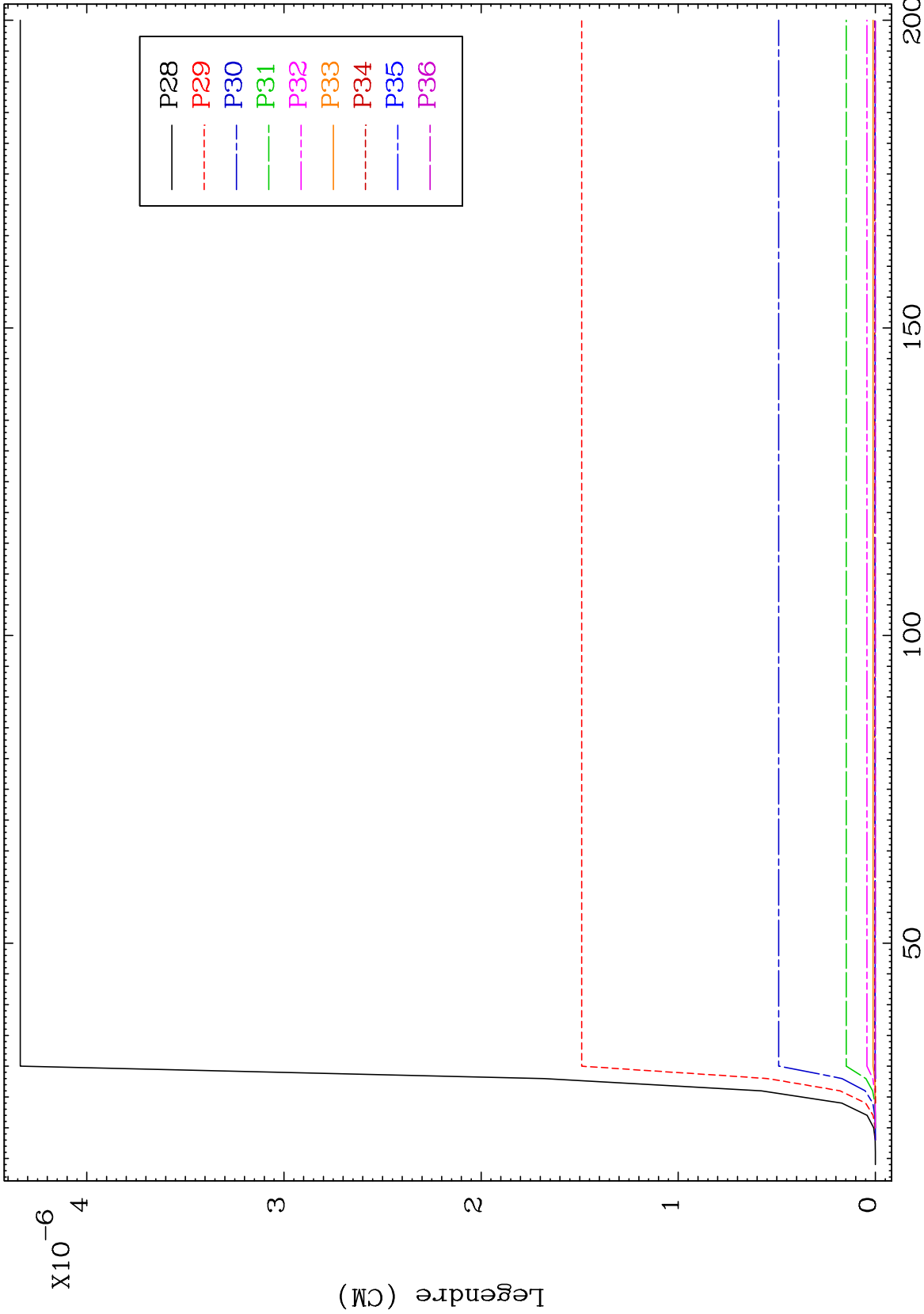
Incident Energy (MeV)

58-Ce-129

MAT 5804

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

58-Ce-129



95

Incident Energy (MeV)

58-Ce-129



MAT 5804

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-129



96

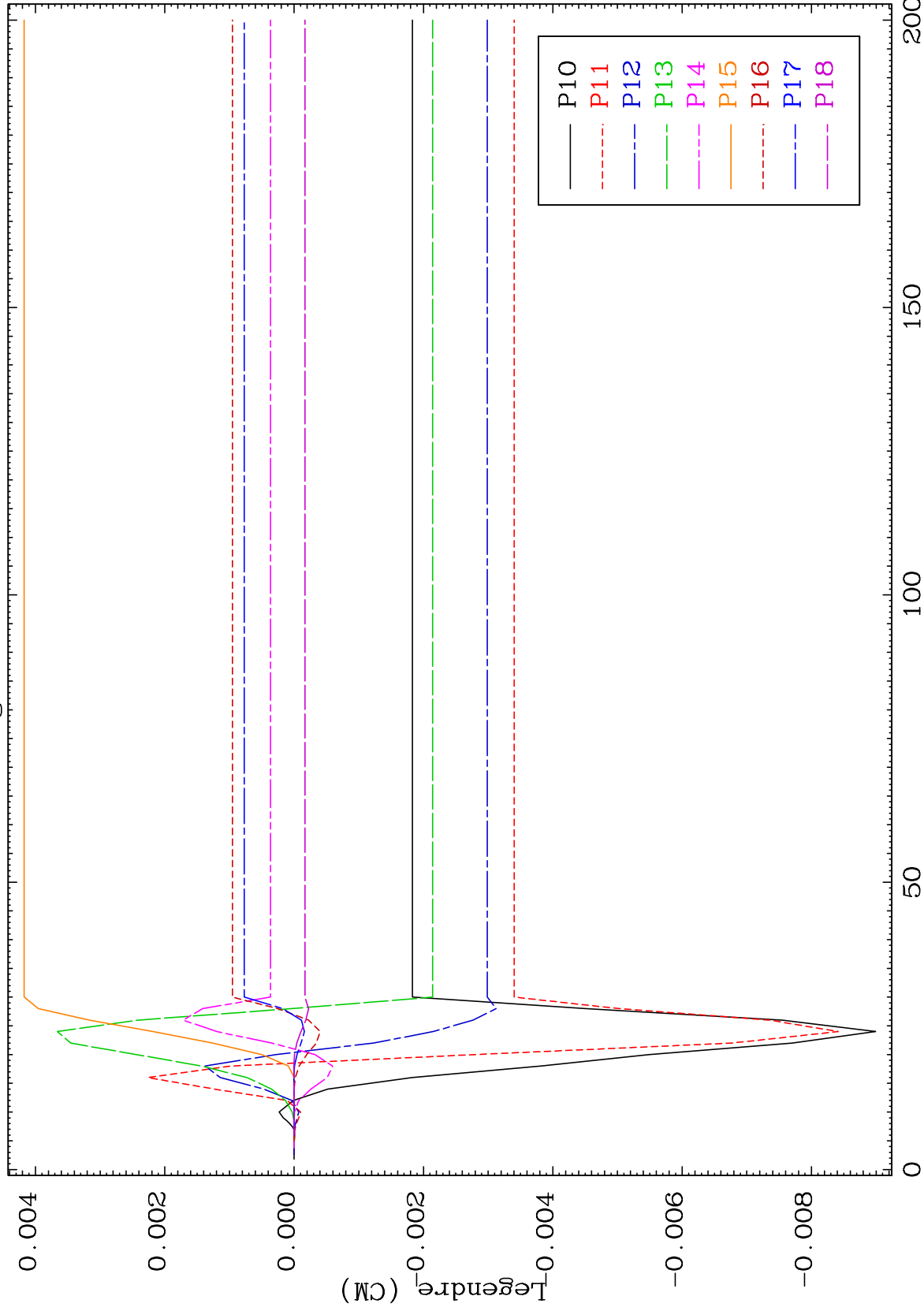
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-129



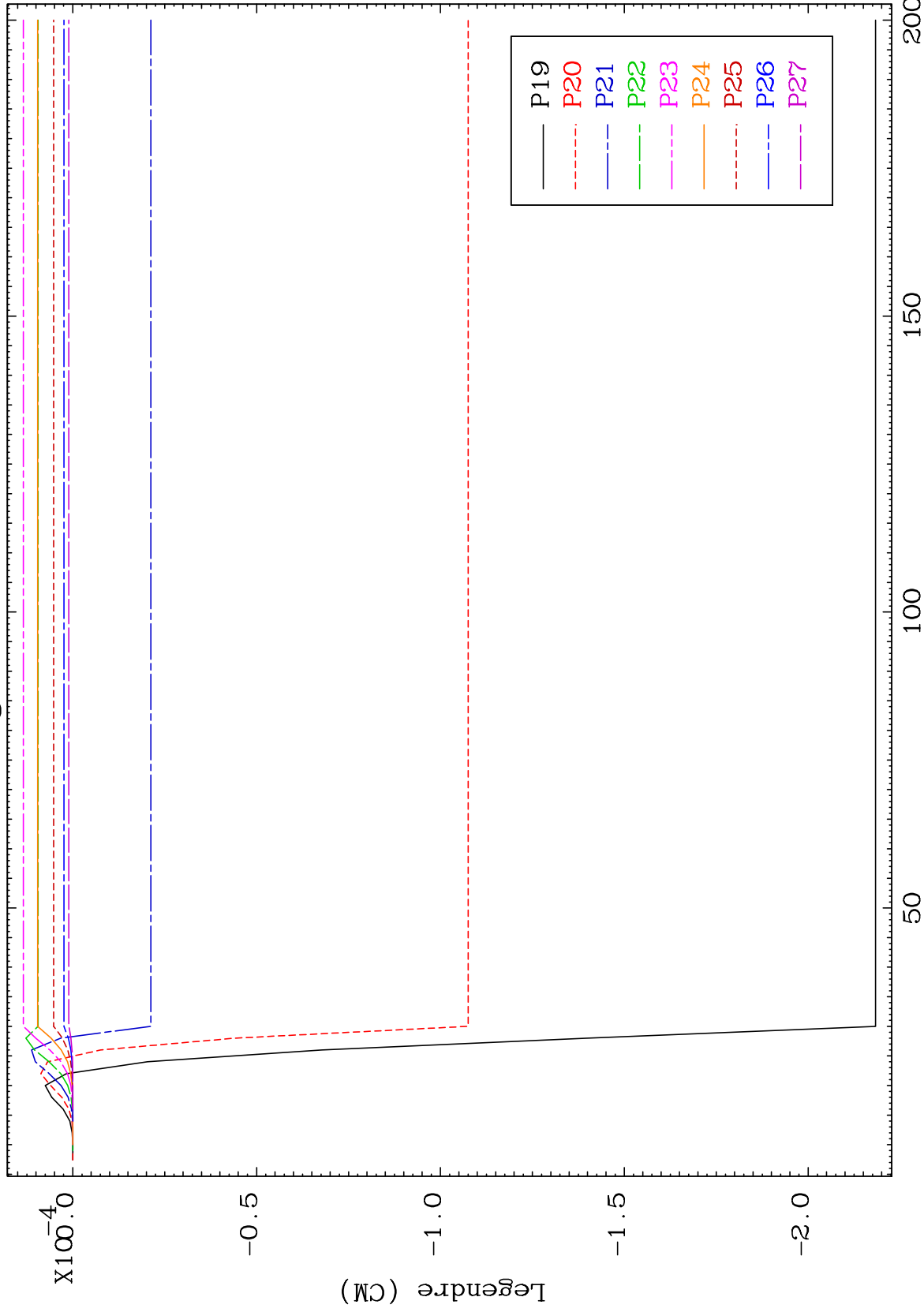
97

58-Ce-129

MAT 5804

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-129



58-Ce-129

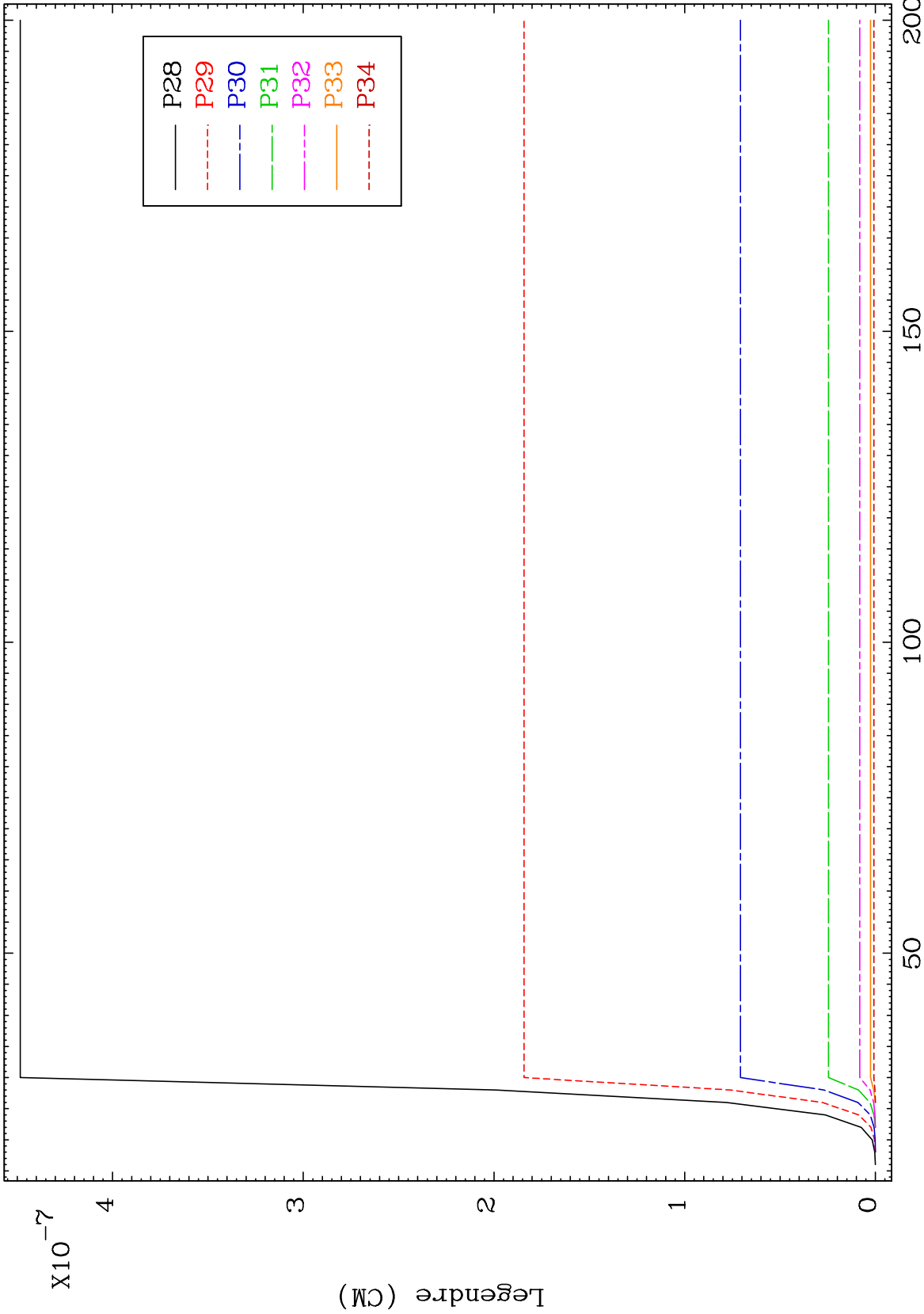
Incident Energy (MeV)

98

MAT 5804

MT= 70 (n,n') Level  
Legendre Coefficients

58-Ce-129



99

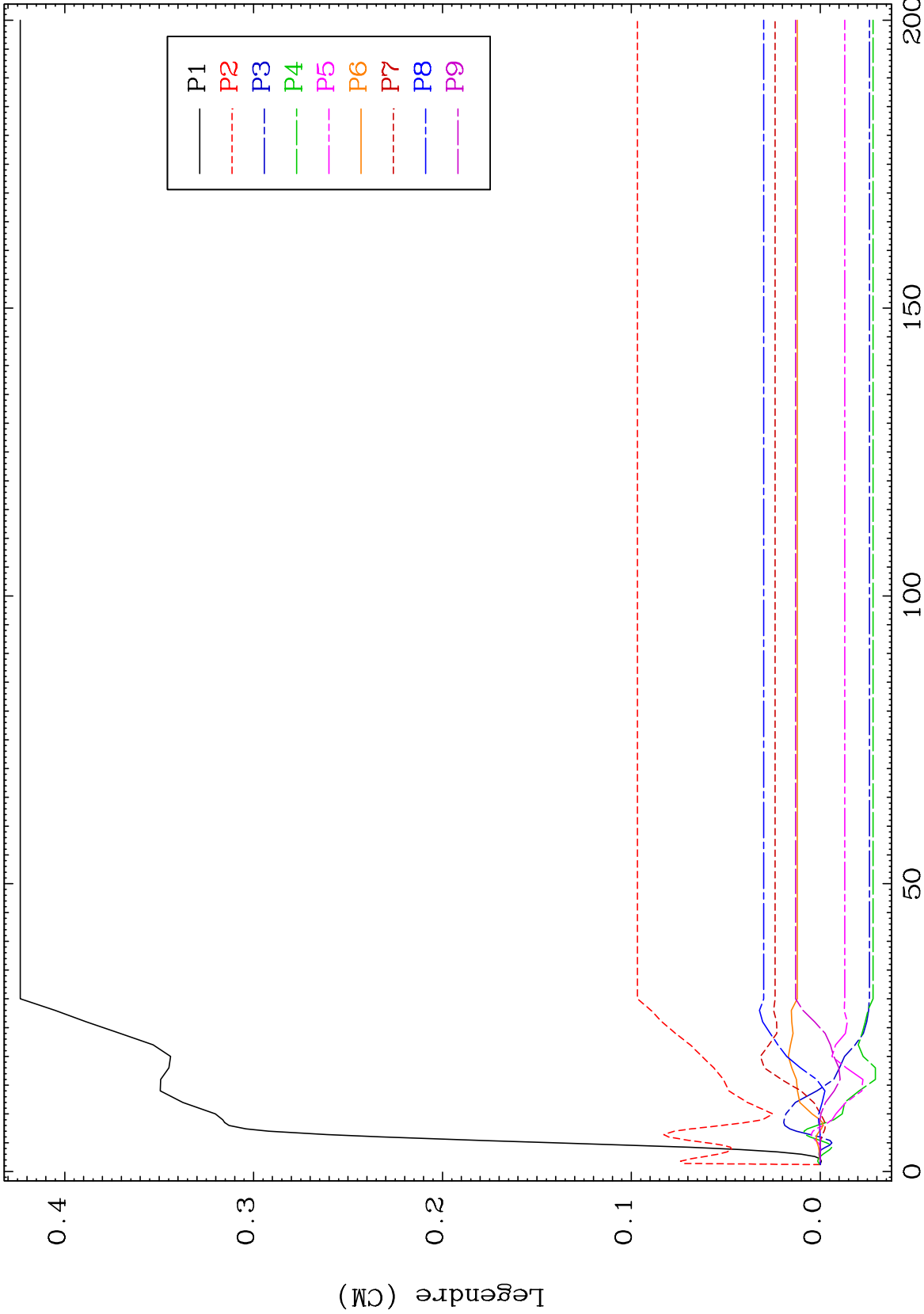
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 71 (n,n') Level  
Legendre Coefficients

58-Ce-129



58-Ce-129

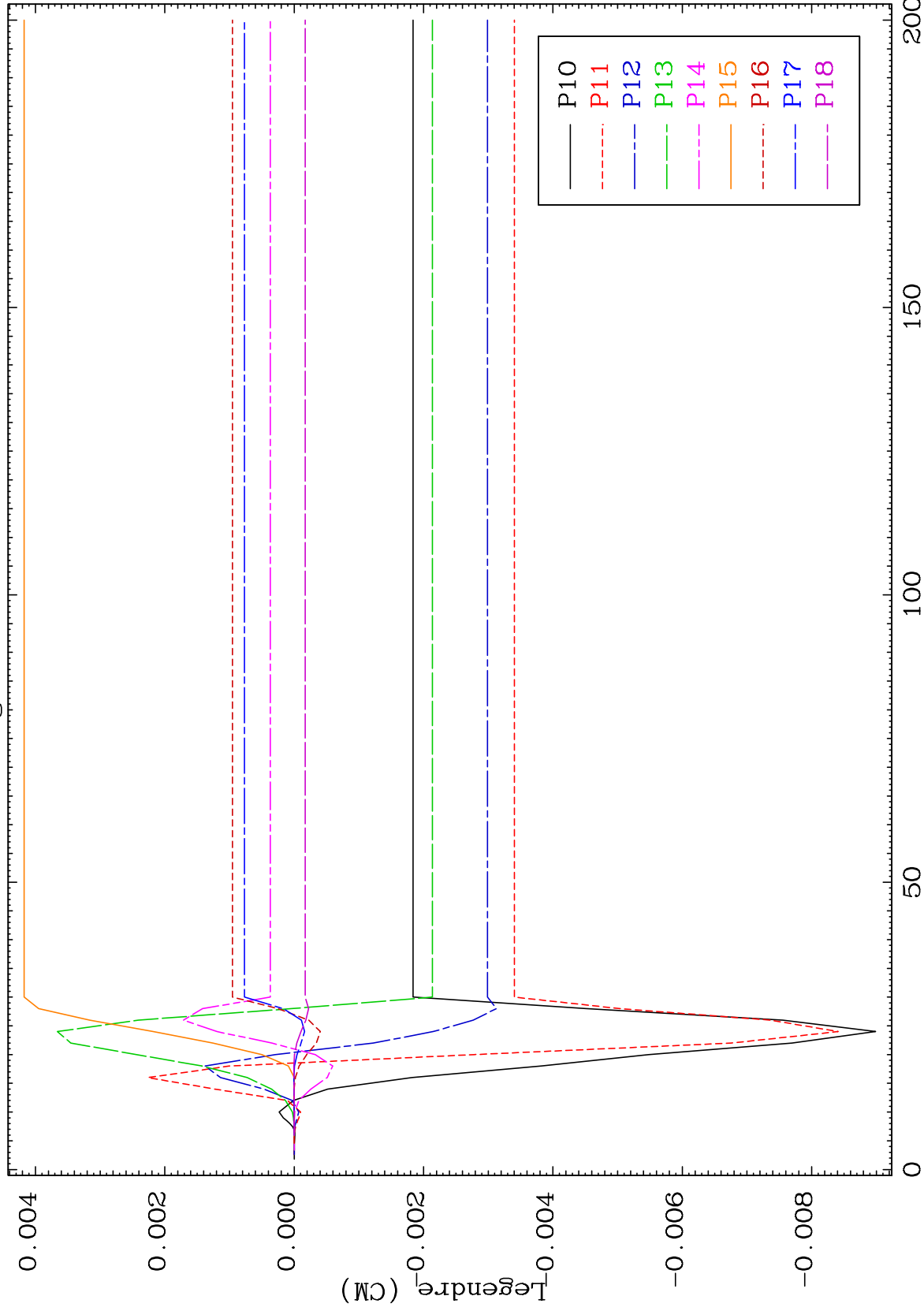
Incident Energy (MeV)

Legendre (CM)

MAT 5804

MT= 71 (n,n') Level  
Legendre Coefficients

58-Ce-129



101

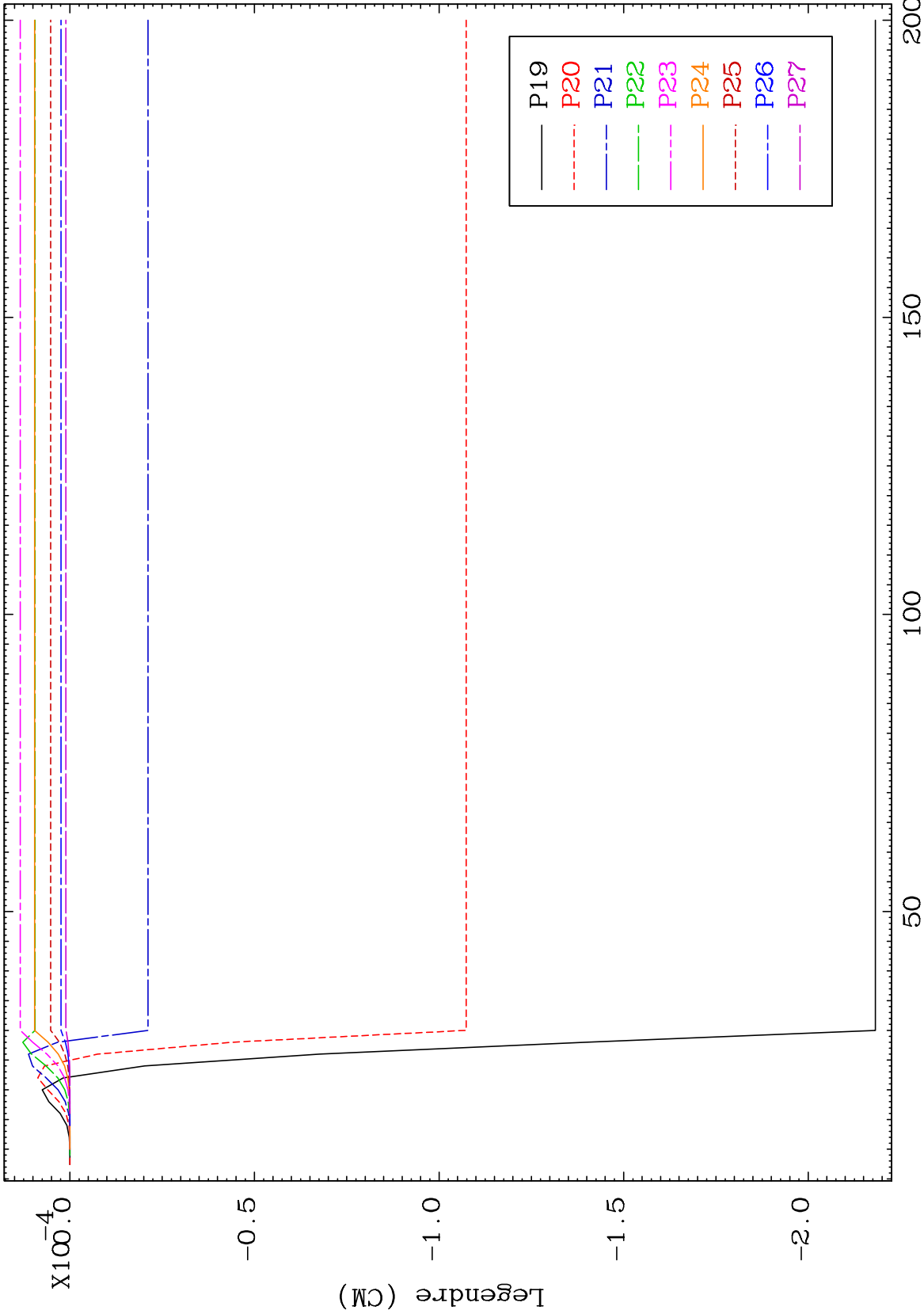
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 71 (n,n') Level  
Legendre Coefficients

58-Ce-129



58-Ce-129

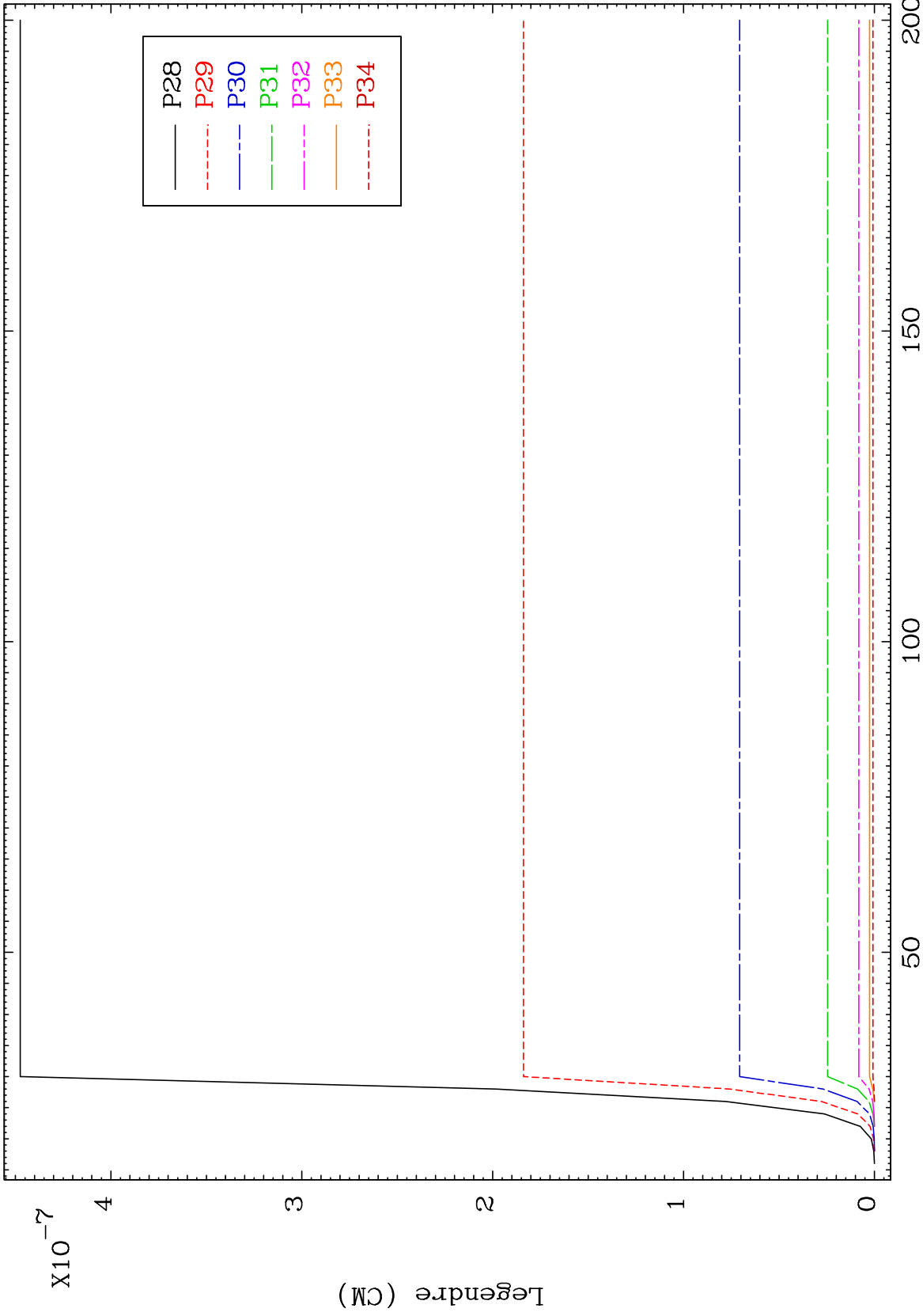
Incident Energy (MeV)

102

MAT 5804

MT= 71 (n,n') Level  
Legendre Coefficients

58-Ce-129



103

Incident Energy (MeV)

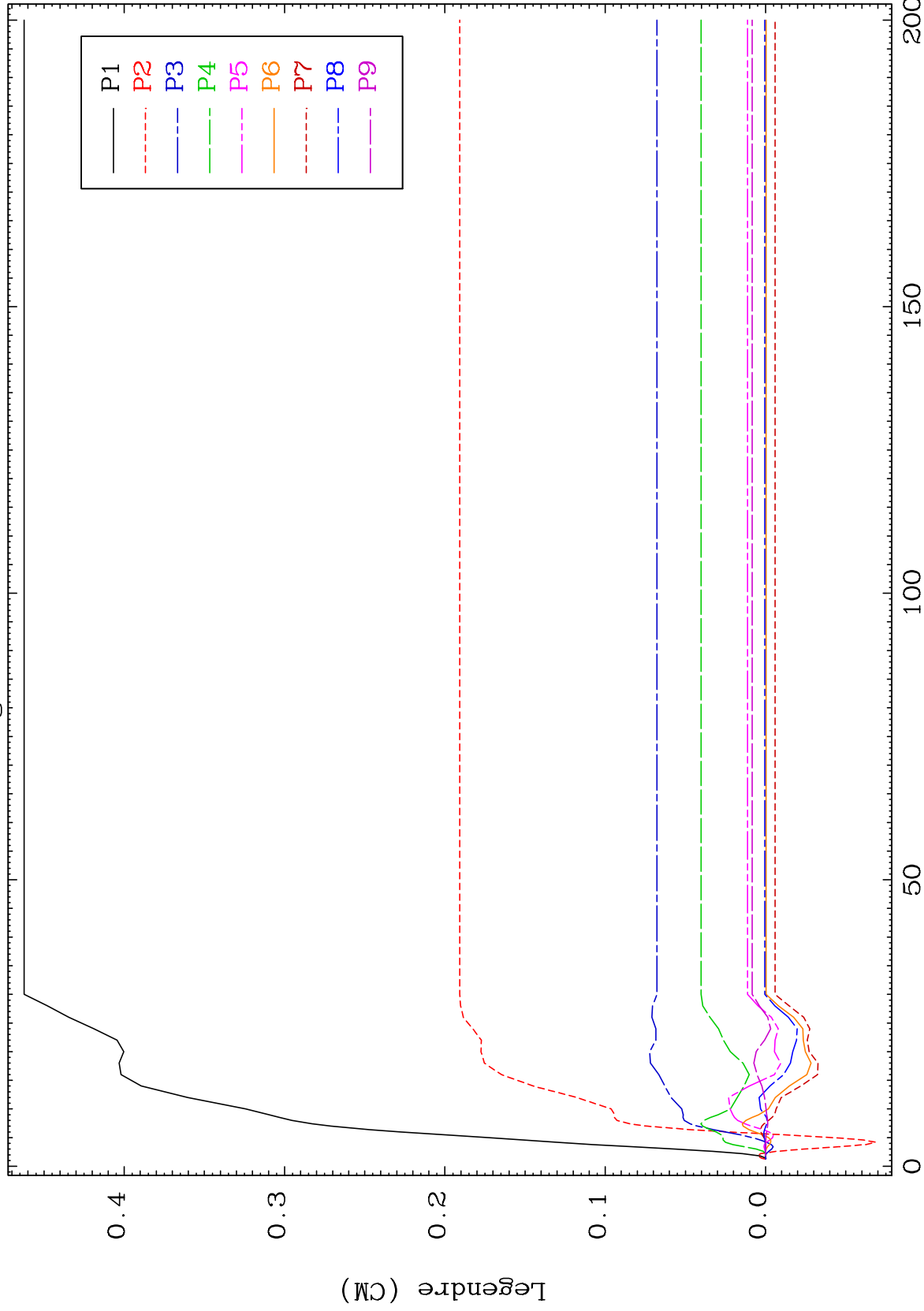
58-Ce-129



MAT 5804

MT= 72 (n,n') Level  
Legendre Coefficients

58-Ce-129



104

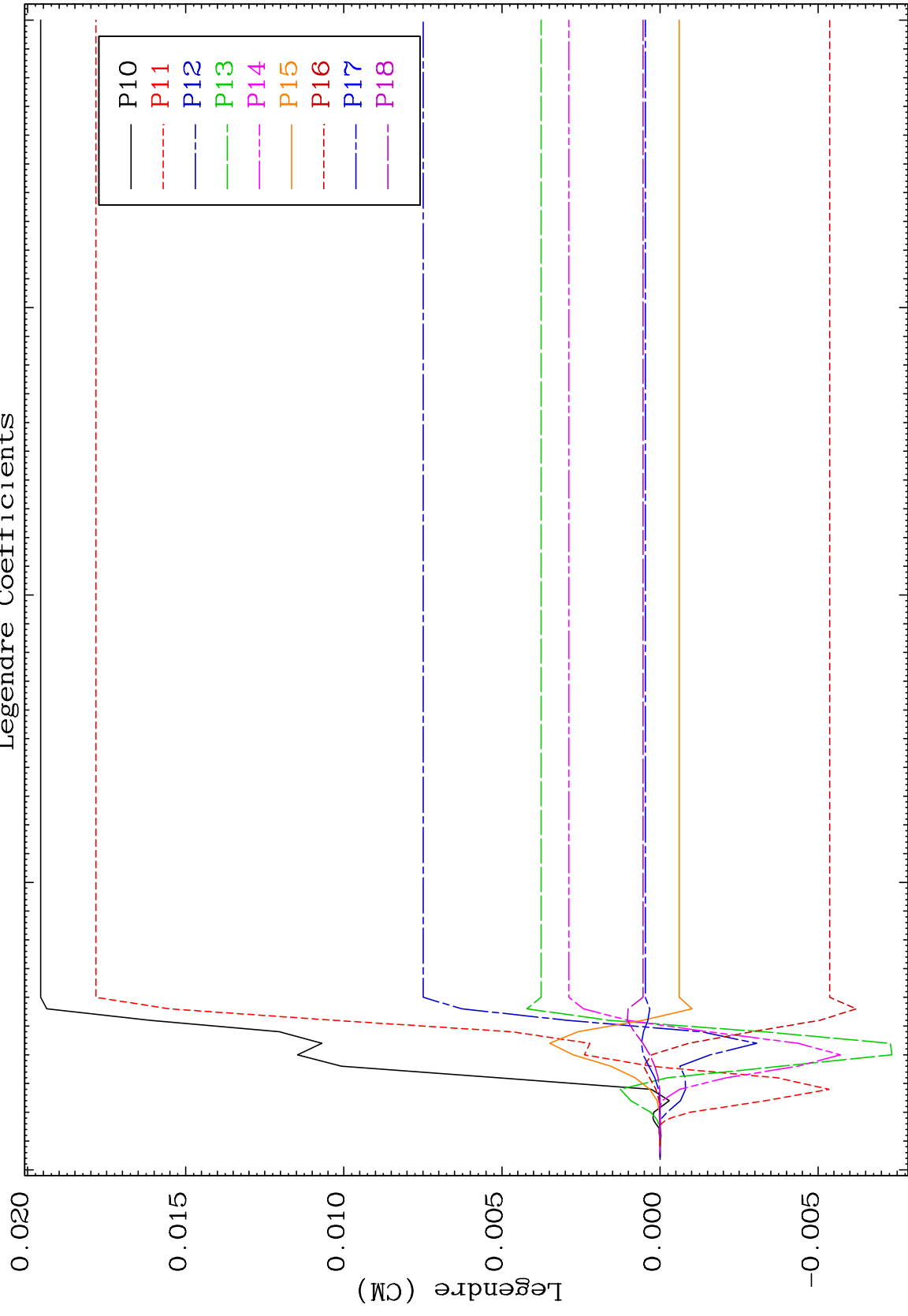
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 72 (n,n') Level Legendre Coefficients

58-Ce-129



58-Ce-129

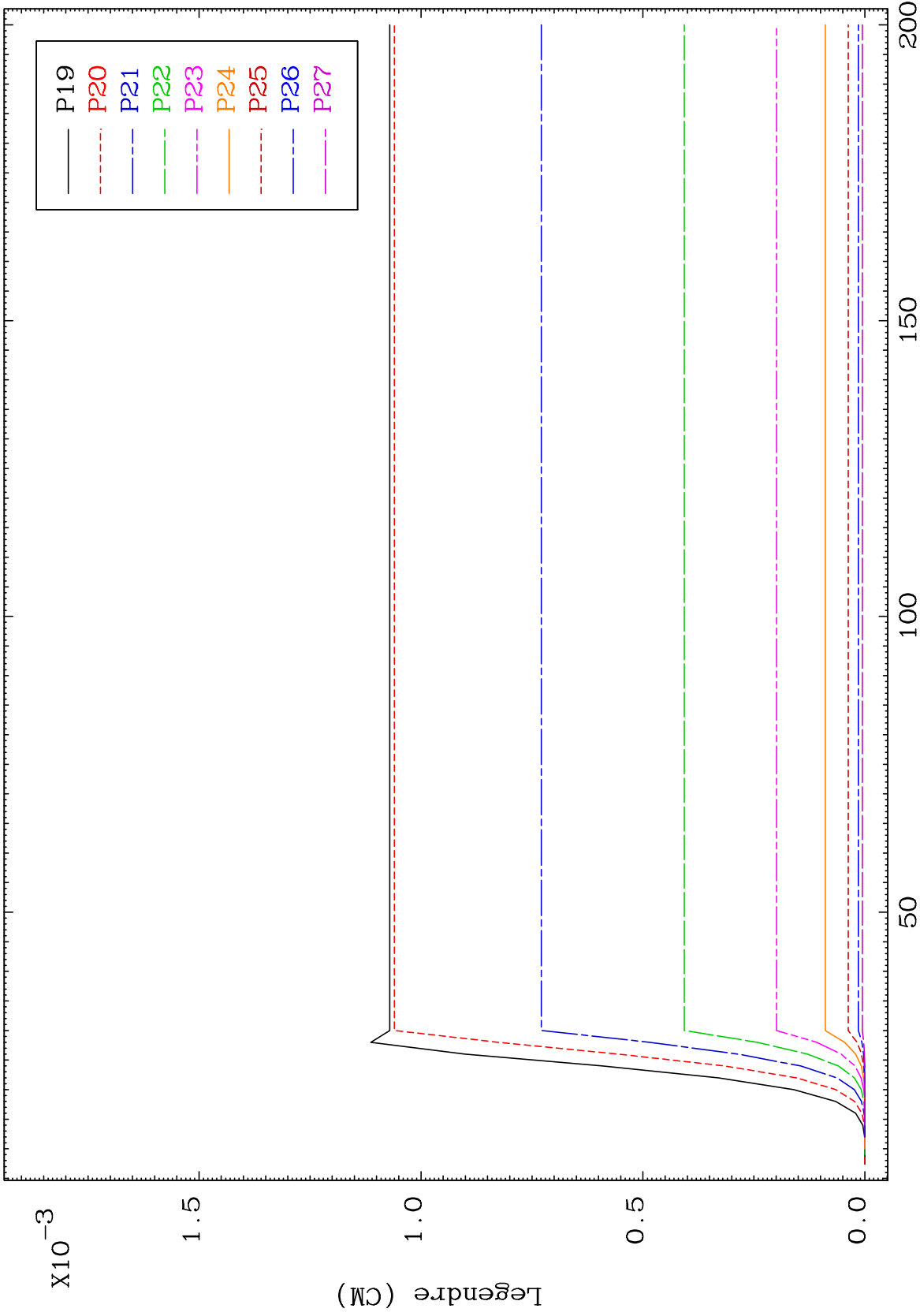
Incident Energy (MeV)

105

MAT 5804

MT= 72 (n,n') Level  
Legendre Coefficients

58-Ce-129



106

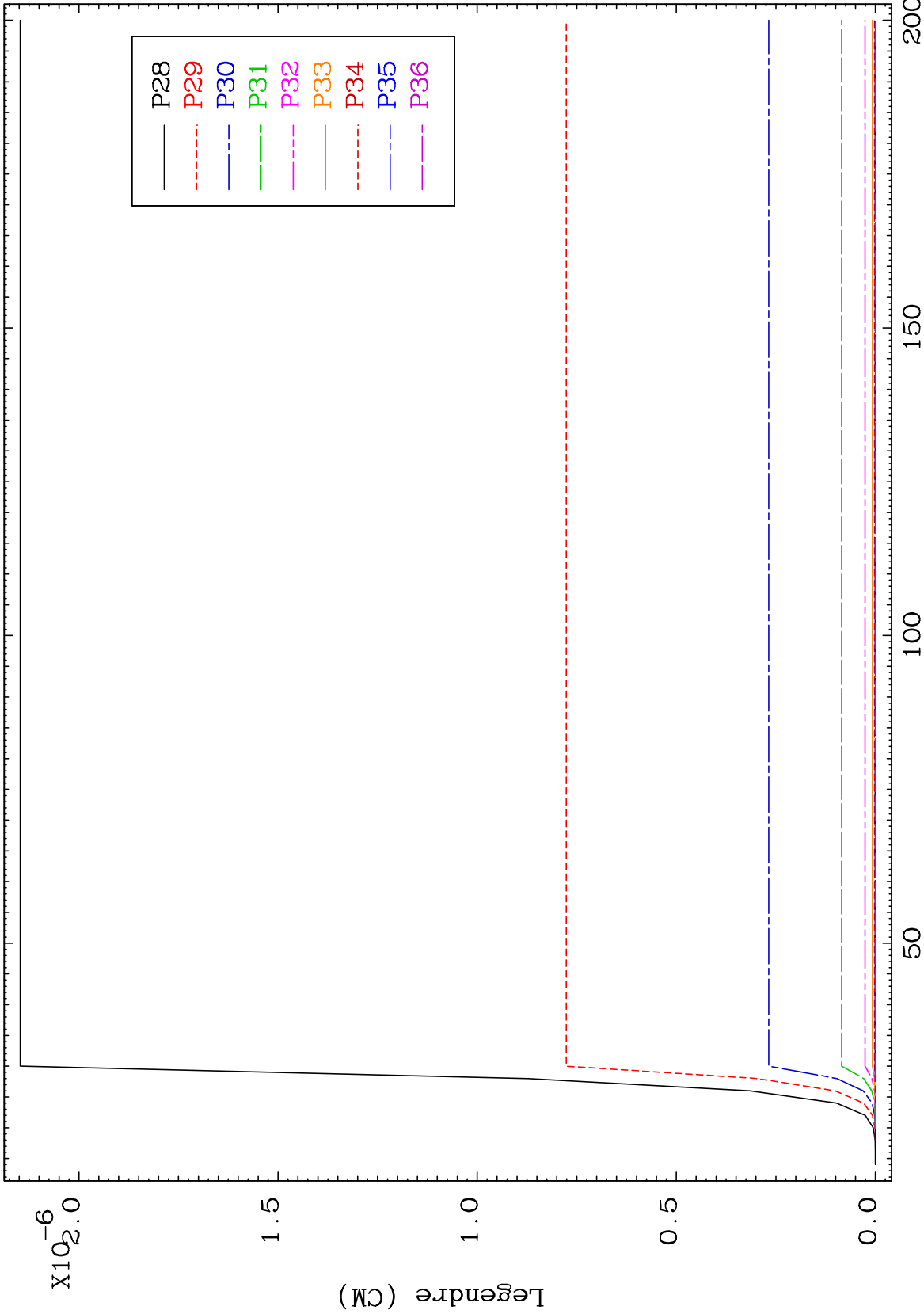
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 72 (n,n') Level  
Legendre Coefficients

58-Ce-129



107

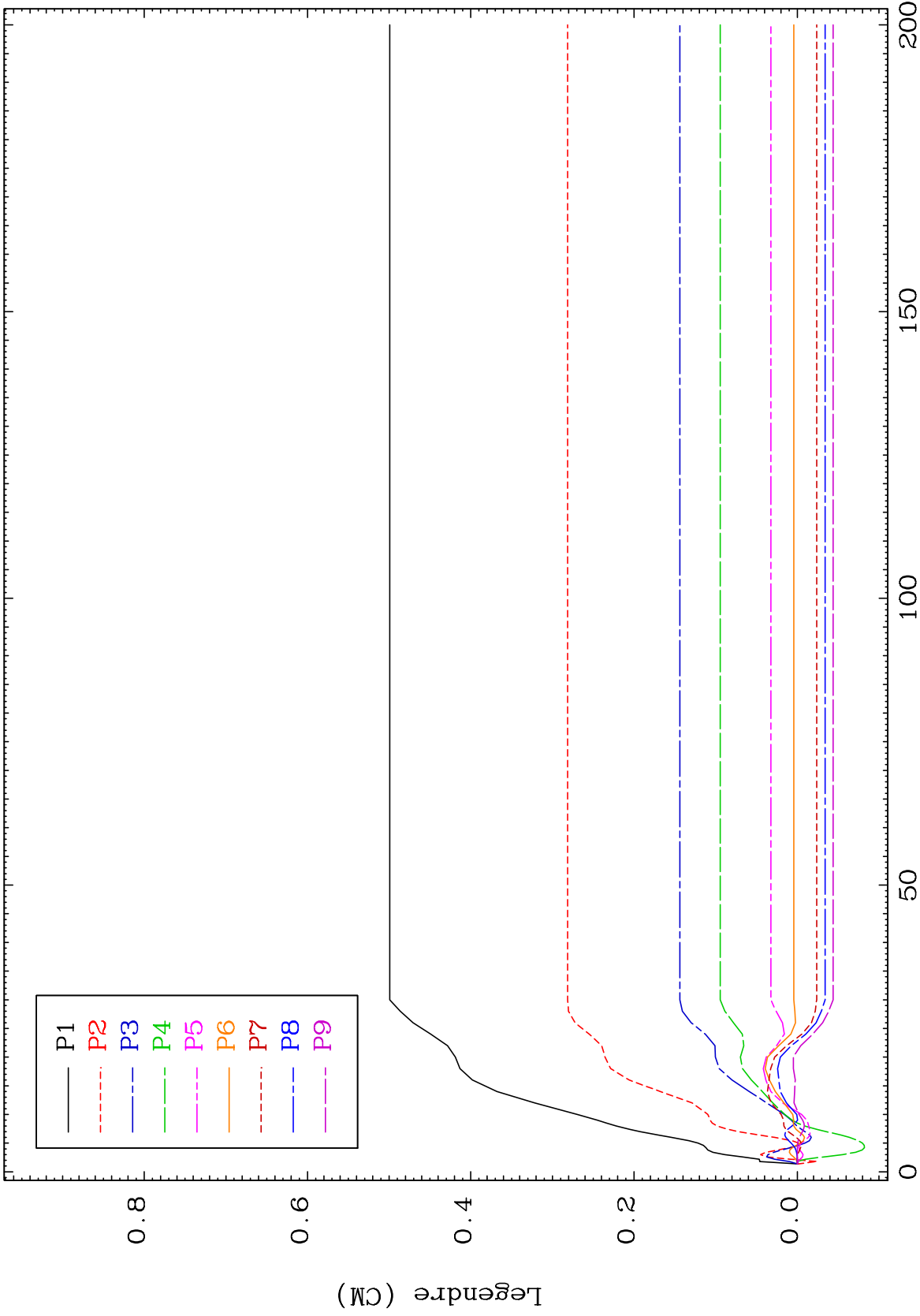
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 73 (n,n') Level  
Legendre Coefficients

58-Ce-129



108

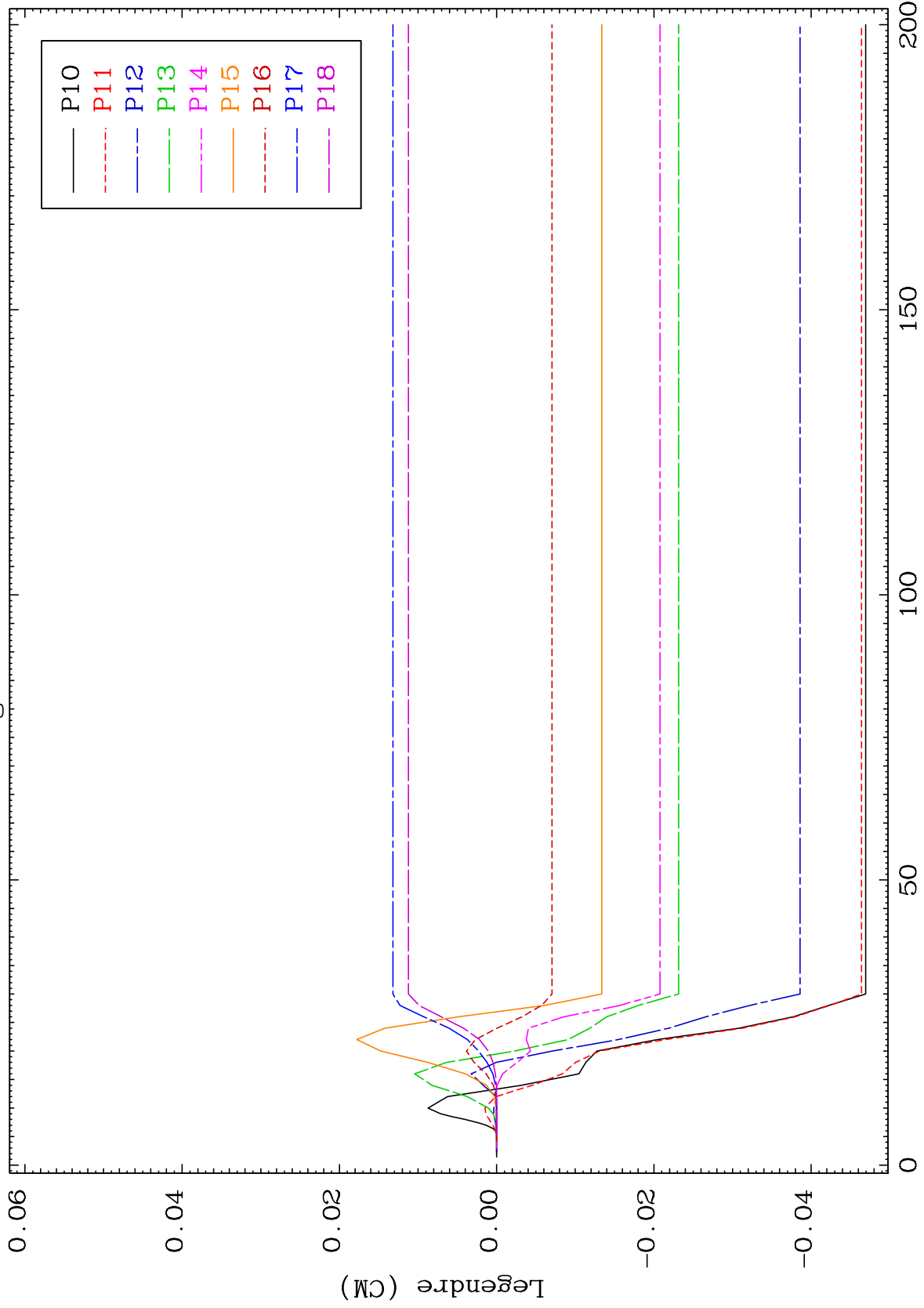
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 73 (n,n') Level  
Legendre Coefficients

58-Ce-129



109

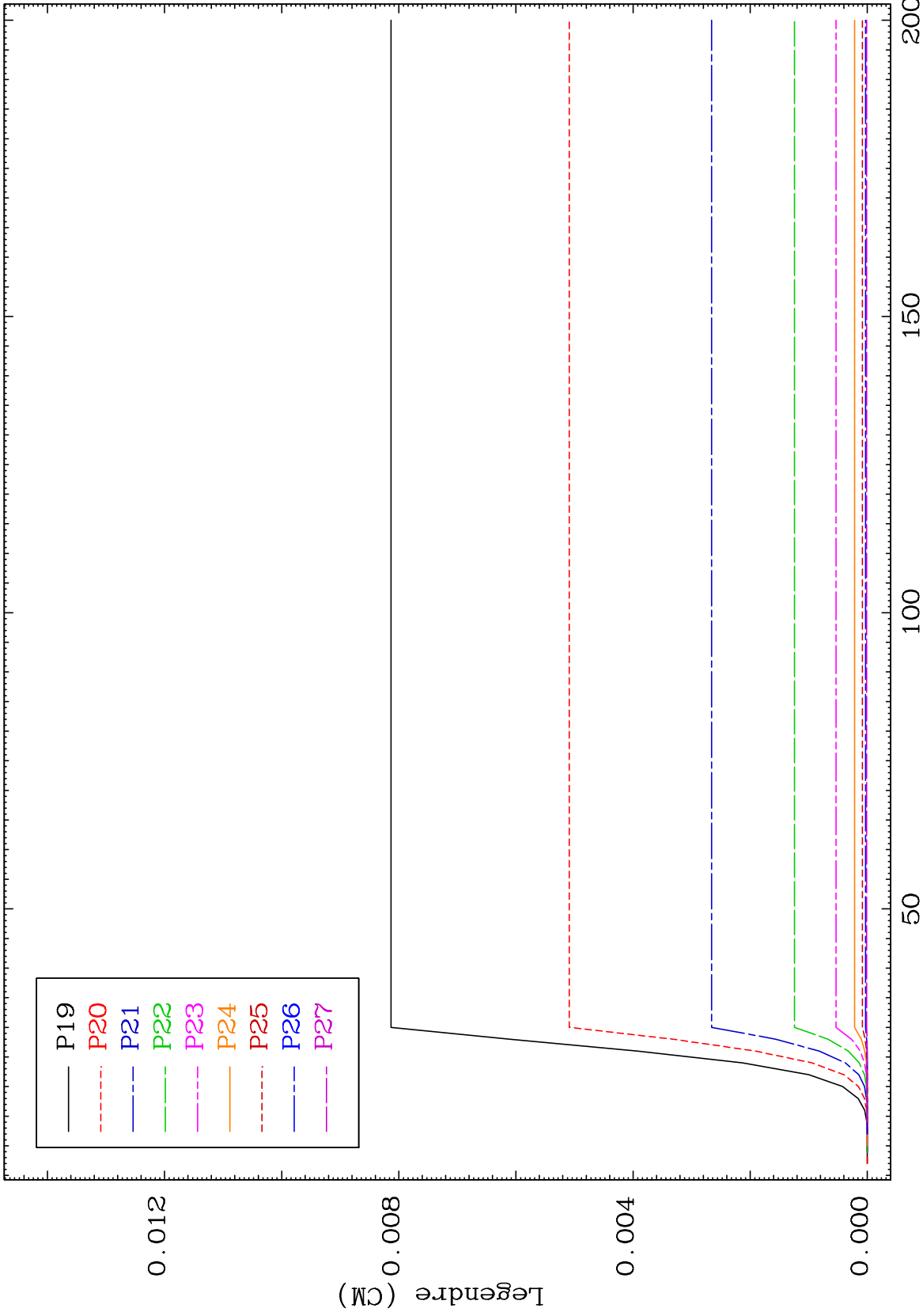
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 73 (n,n') Level  
Legendre Coefficients

58-Ce-129



110

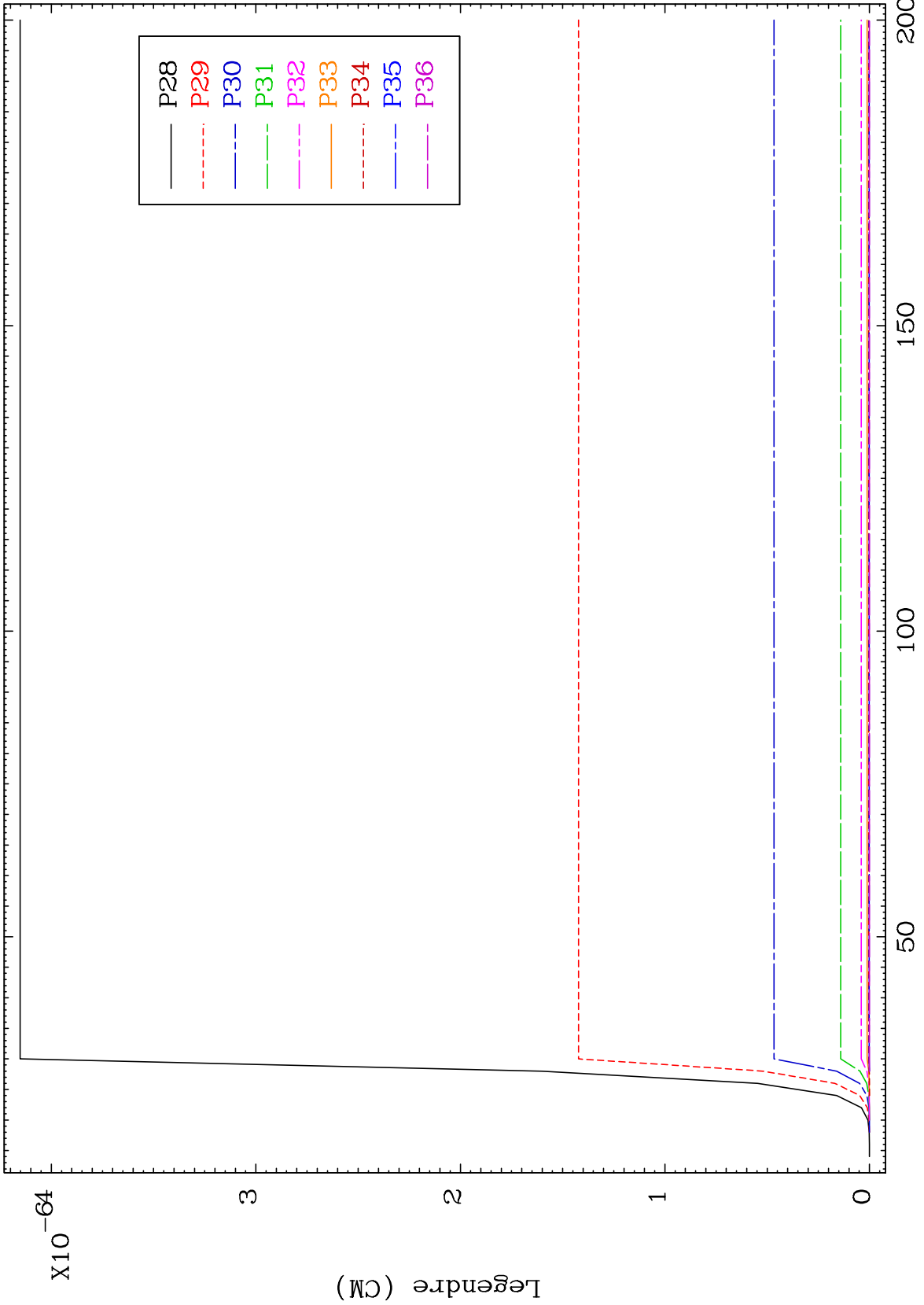
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 73 (n,n') Level  
Legendre Coefficients

58-Ce-129



111

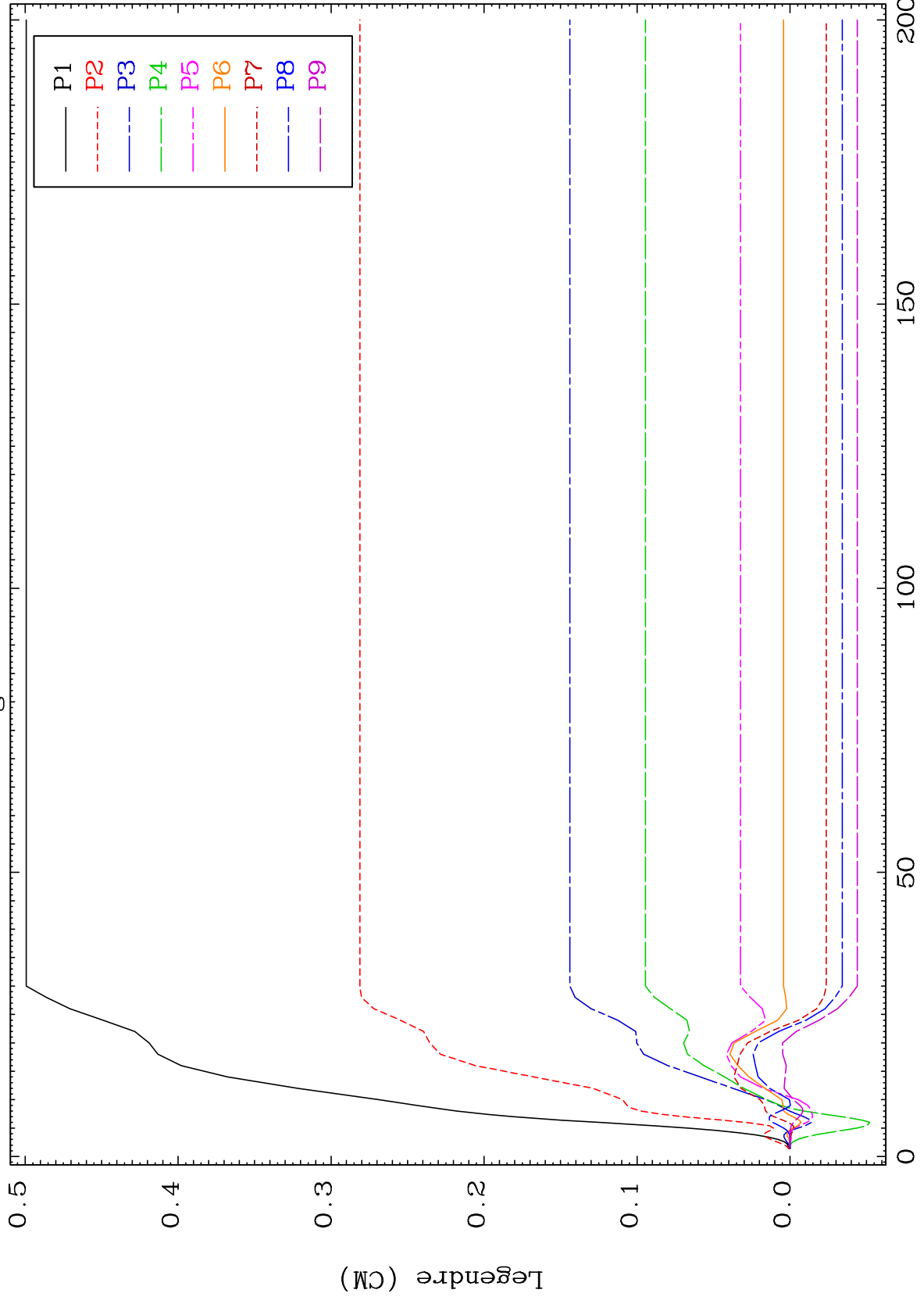
58-Ce-129



MAT 5804

MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-129



112

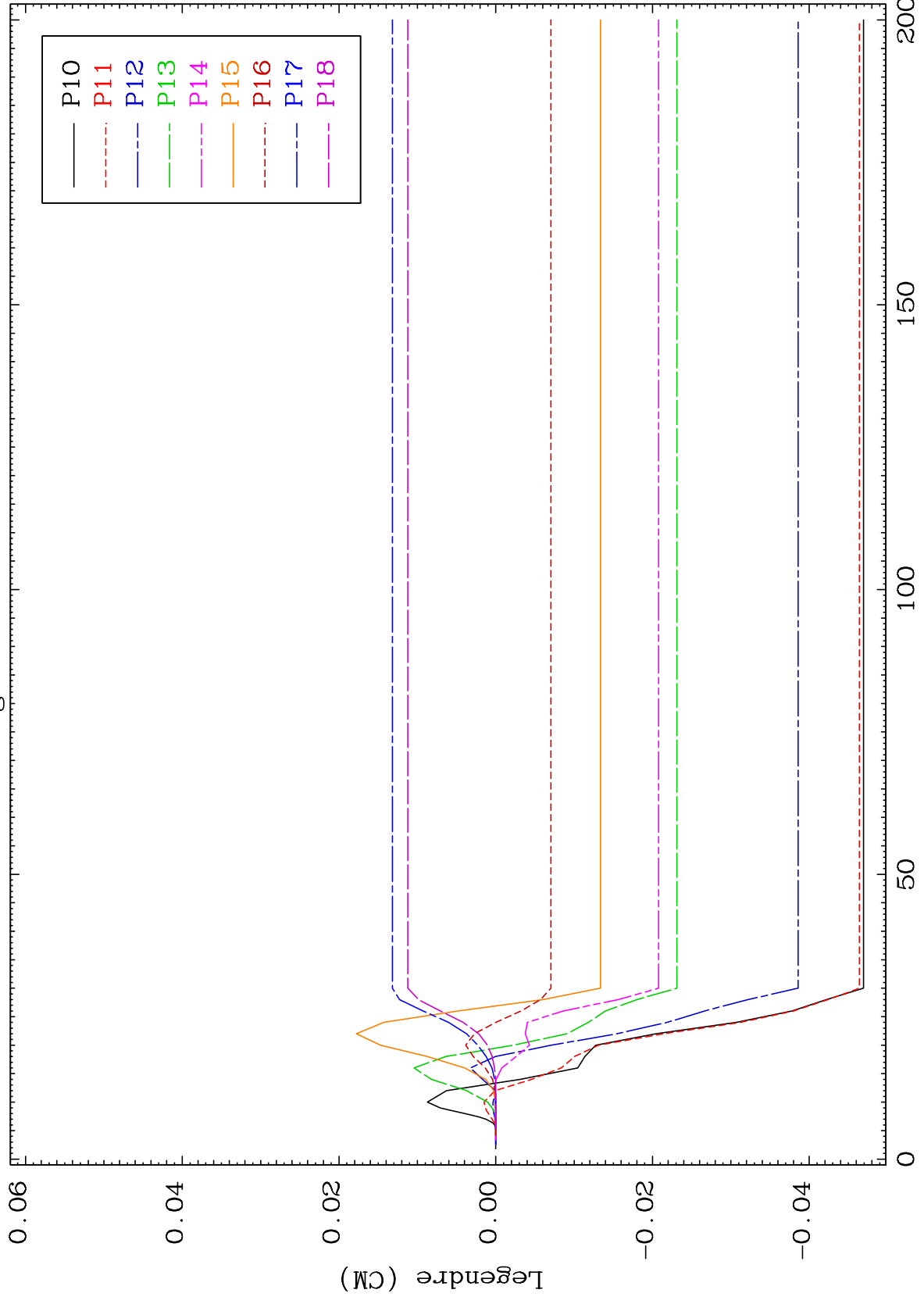
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-129



113

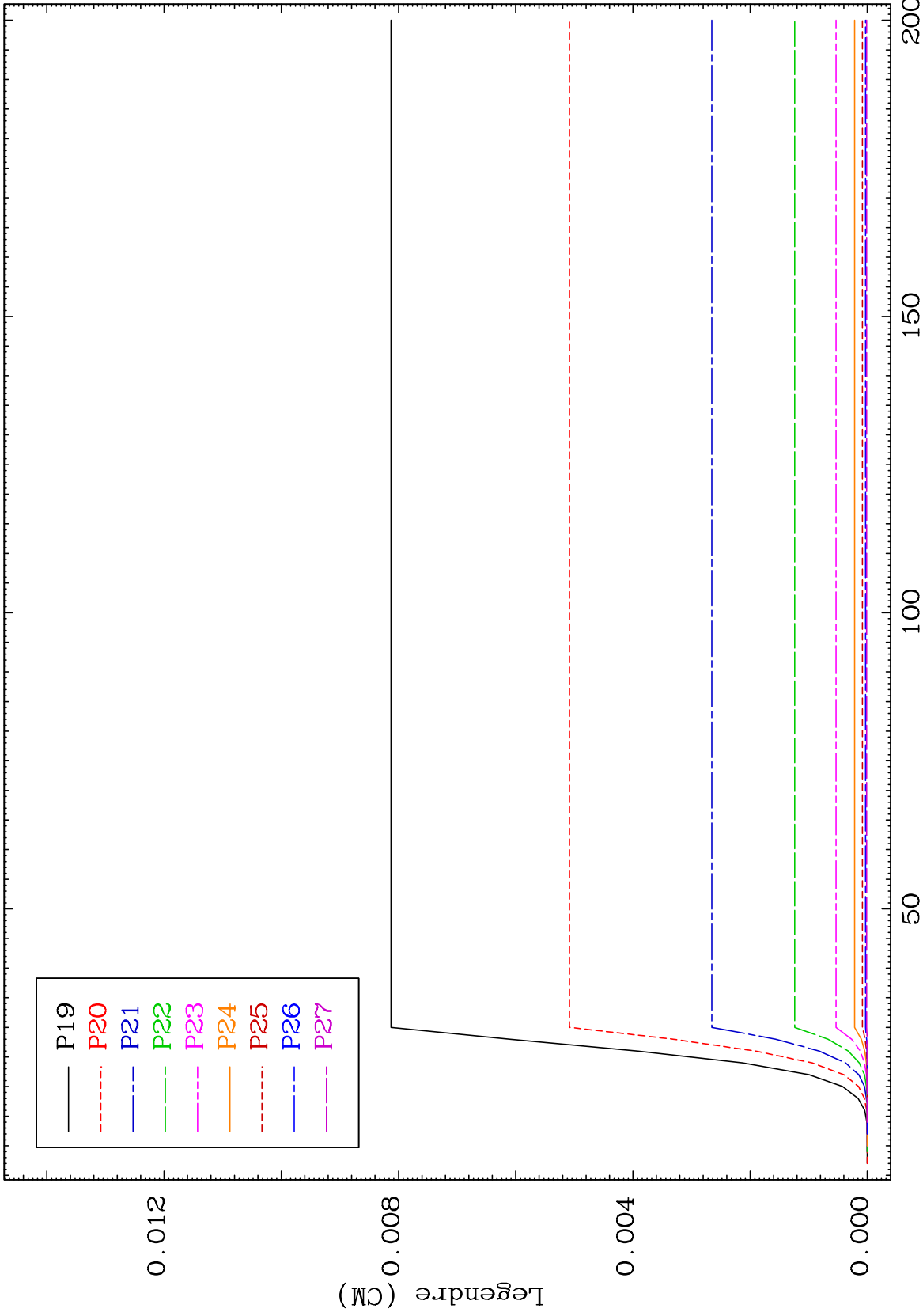
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-129



114

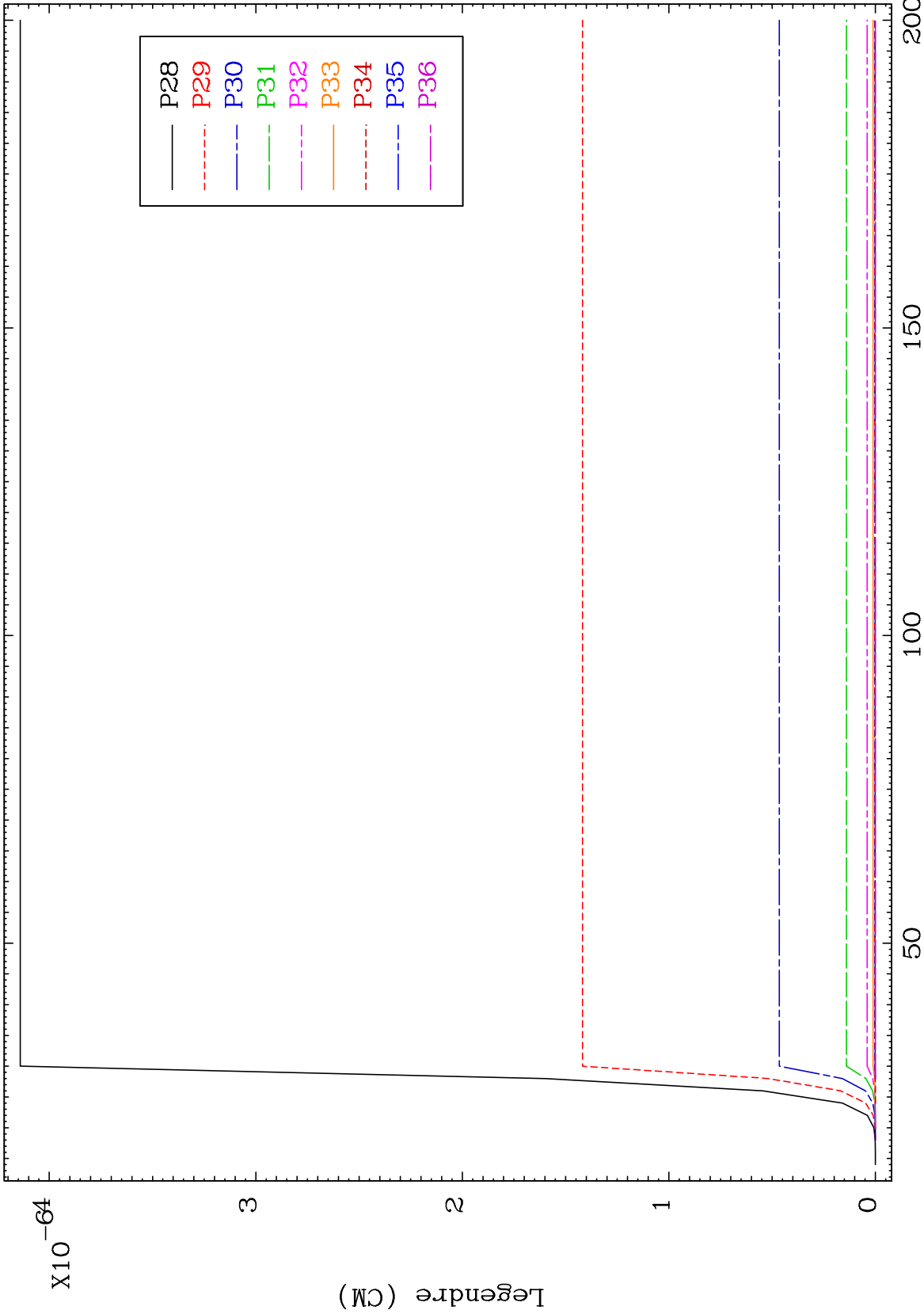
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 74 (n,n') Level  
Legendre Coefficients

58-Ce-129



115

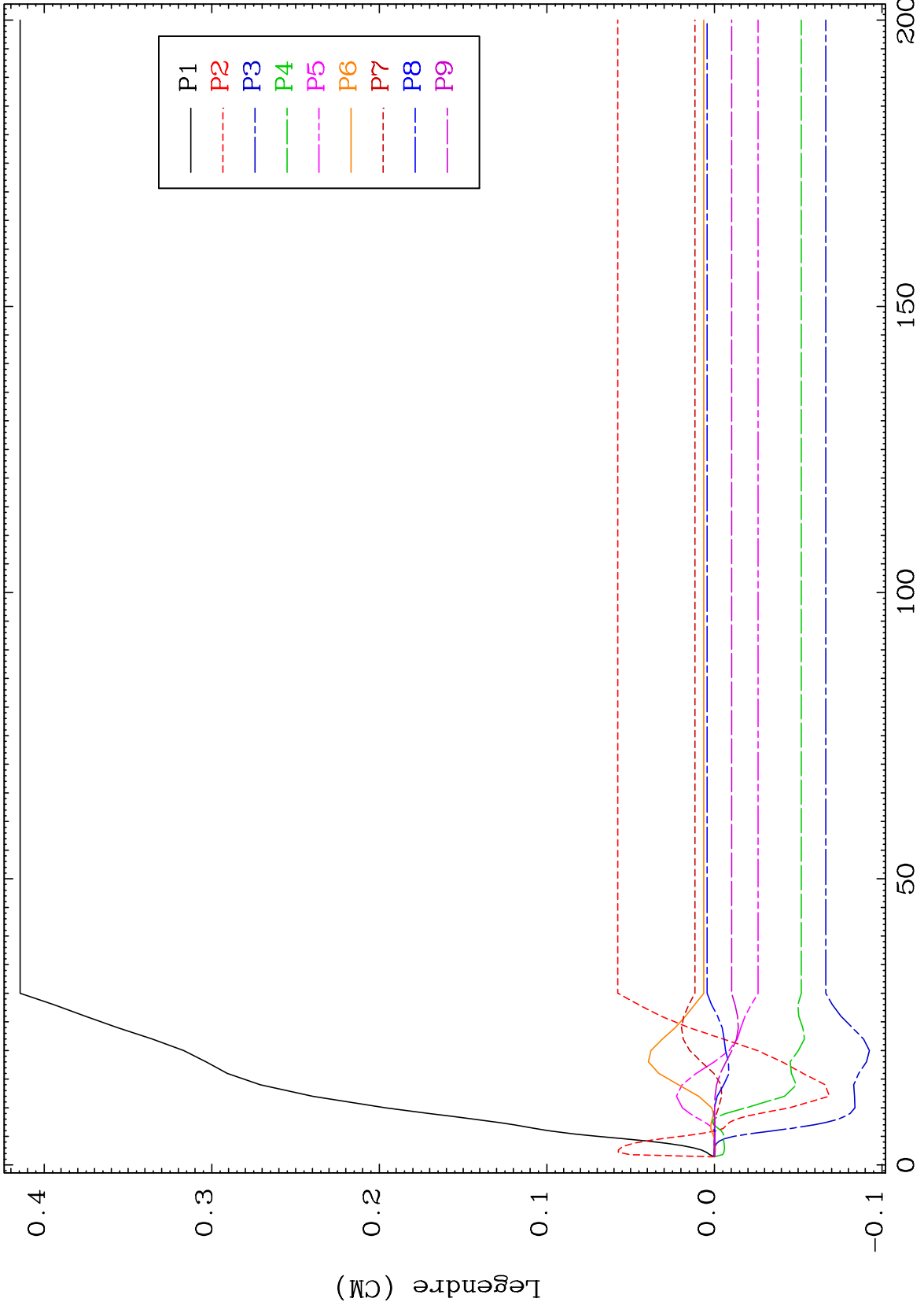
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 75 (n,n') Level  
Legendre Coefficients

58-Ce-129



58-Ce-129

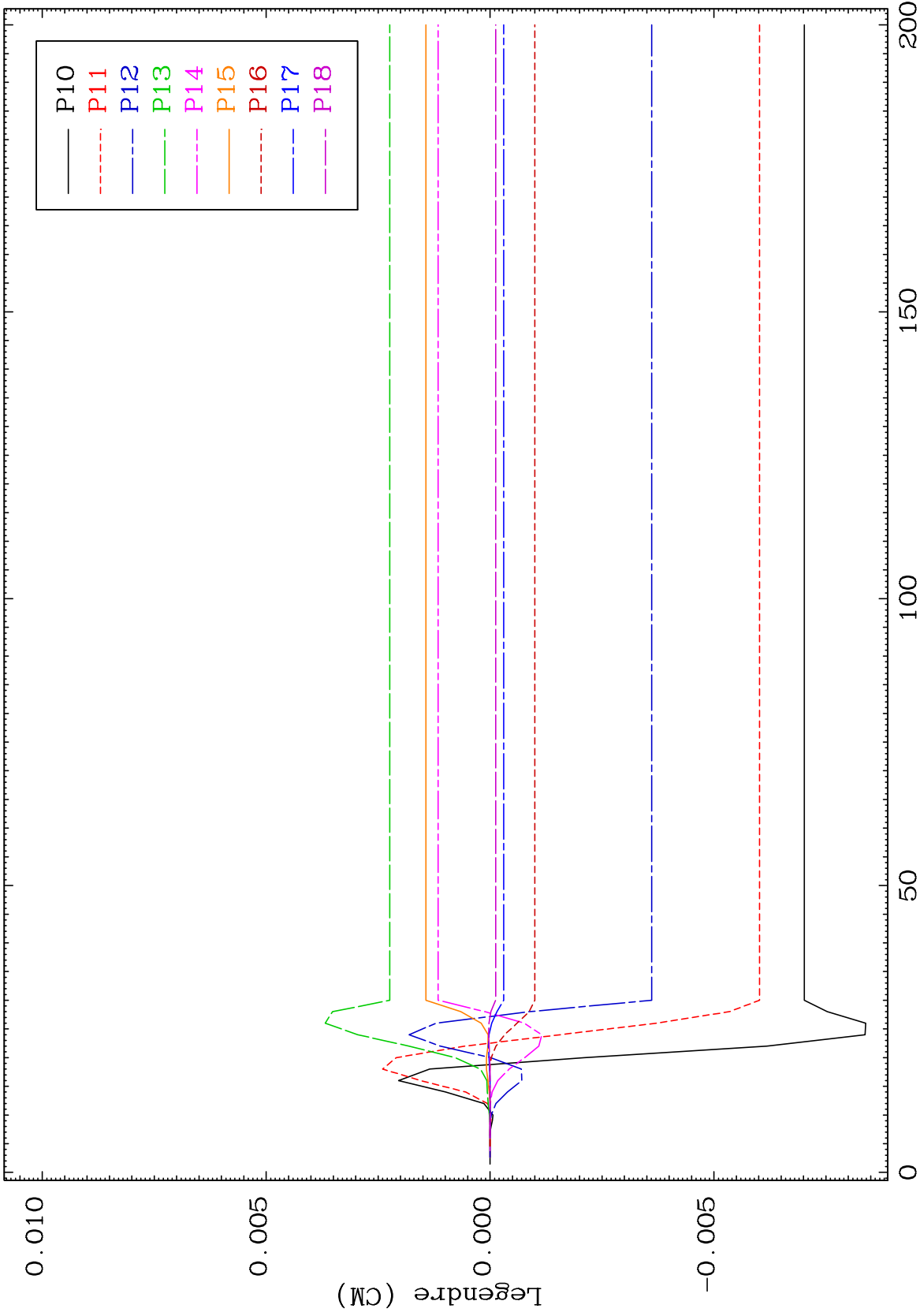
Incident Energy (MeV)

116

MAT 5804

MT= 75 (n,n') Level  
Legendre Coefficients

58-Ce-129



117

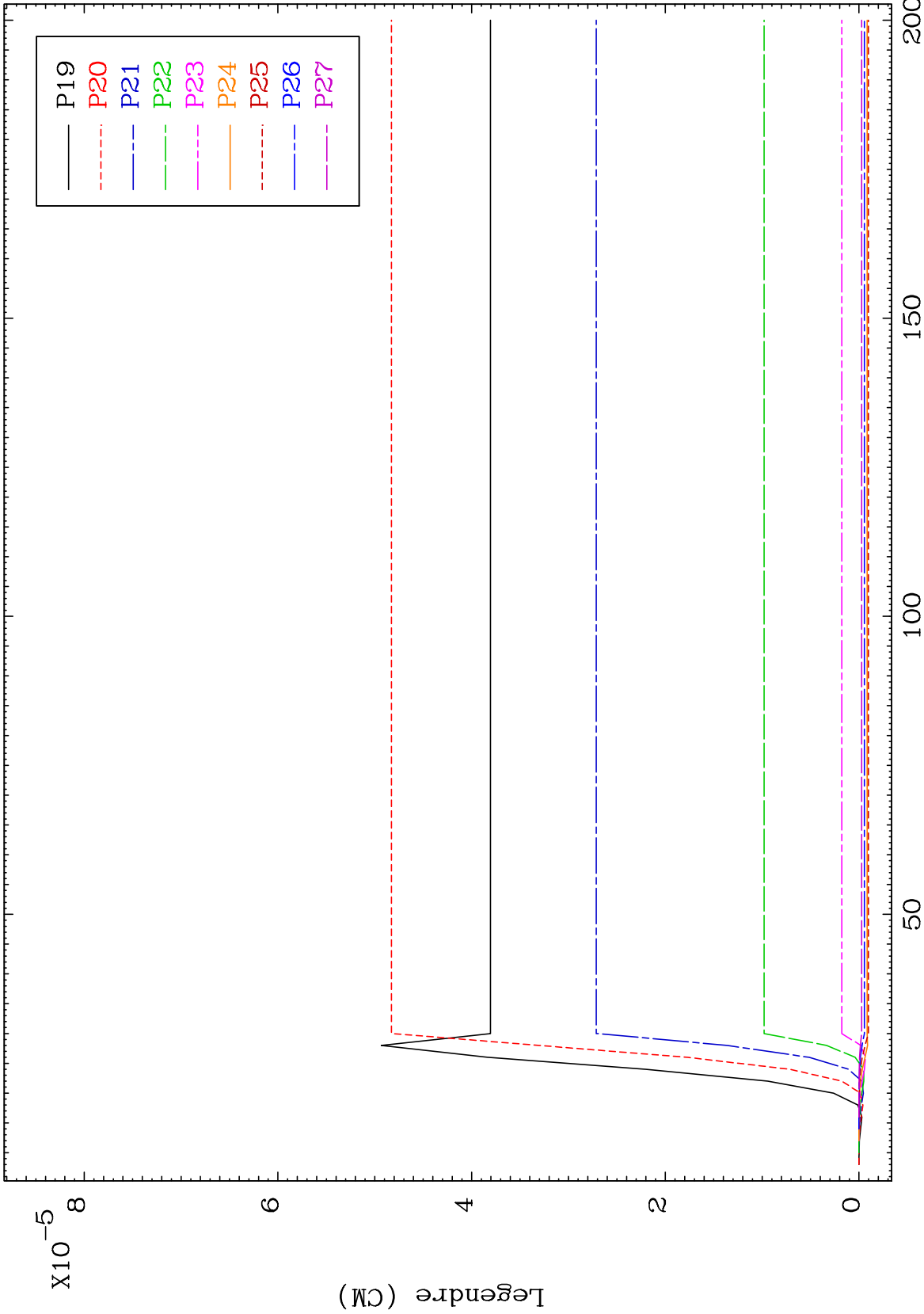
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 75 (n,n') Level  
Legendre Coefficients

58-Ce-129



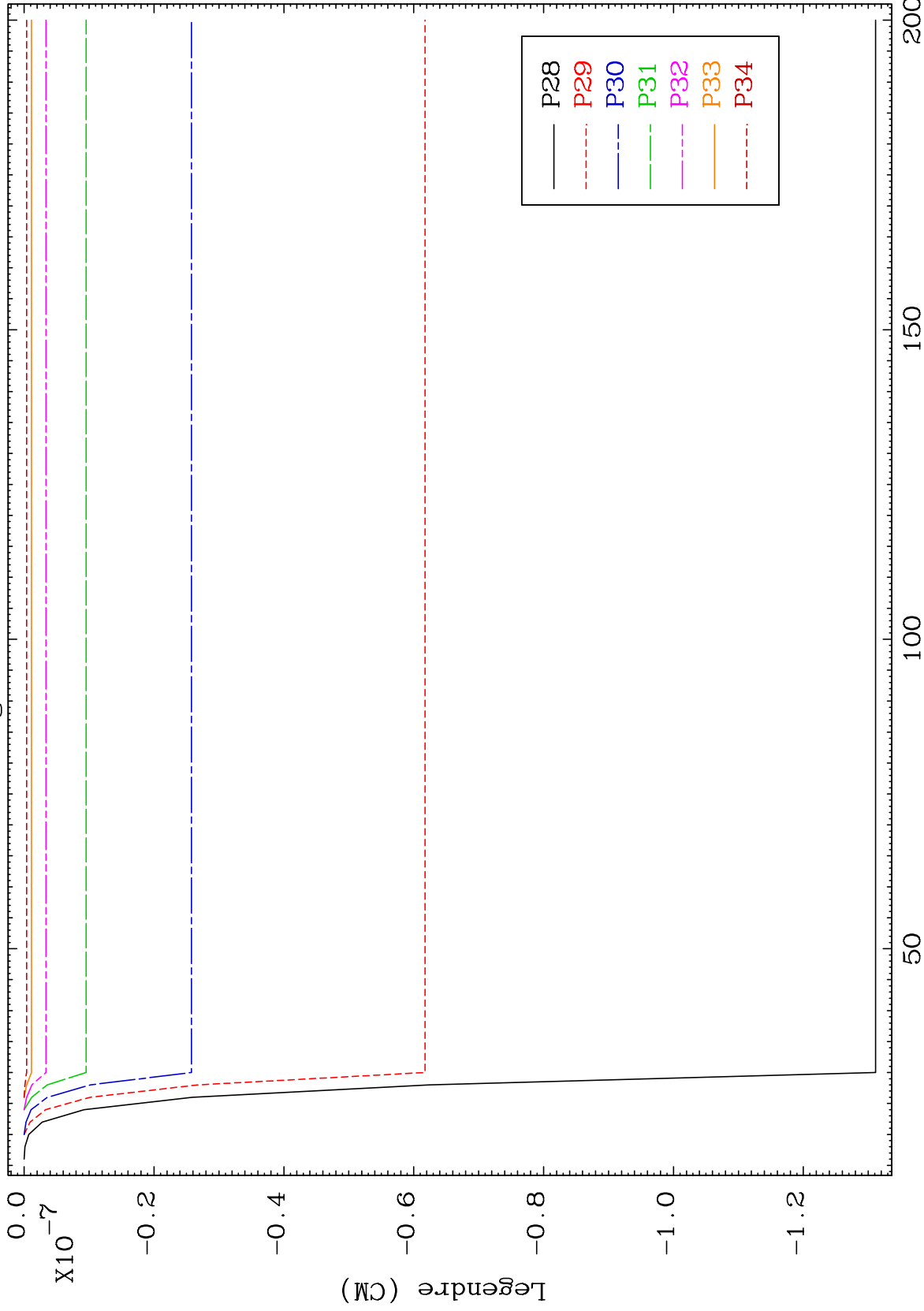
118

58-Ce-129

MAT 5804

MT= 75 (n,n') Level  
Legendre Coefficients

58-Ce-129



119

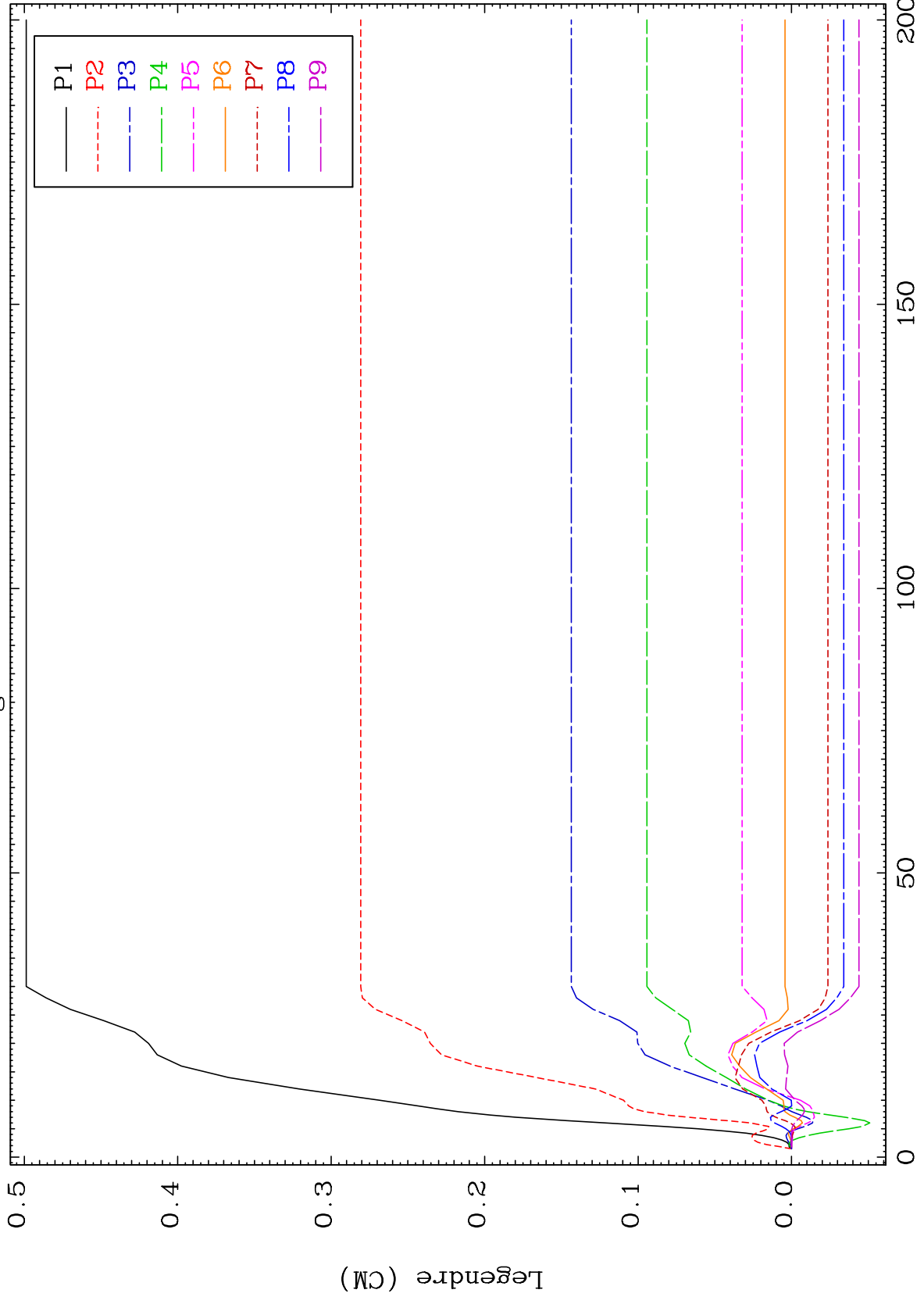
58-Ce-129



MAT 5804

MT= 76 (n,n') Level  
Legendre Coefficients

58-Ce-129



58-Ce-129

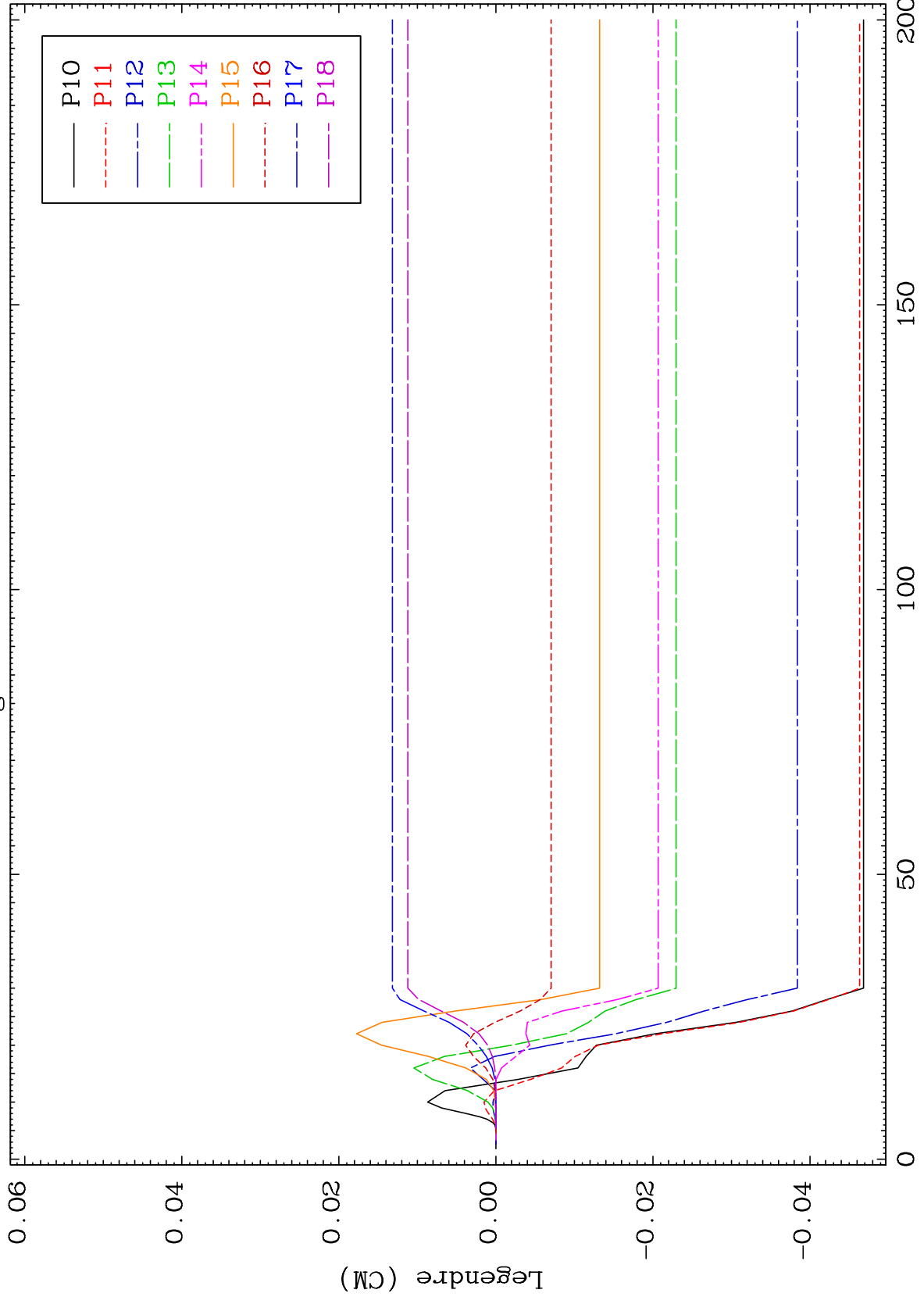
Incident Energy (MeV)

Legendre (CM)

MAT 5804

MT= 76 (n,n') Level  
Legendre Coefficients

58-Ce-129



121

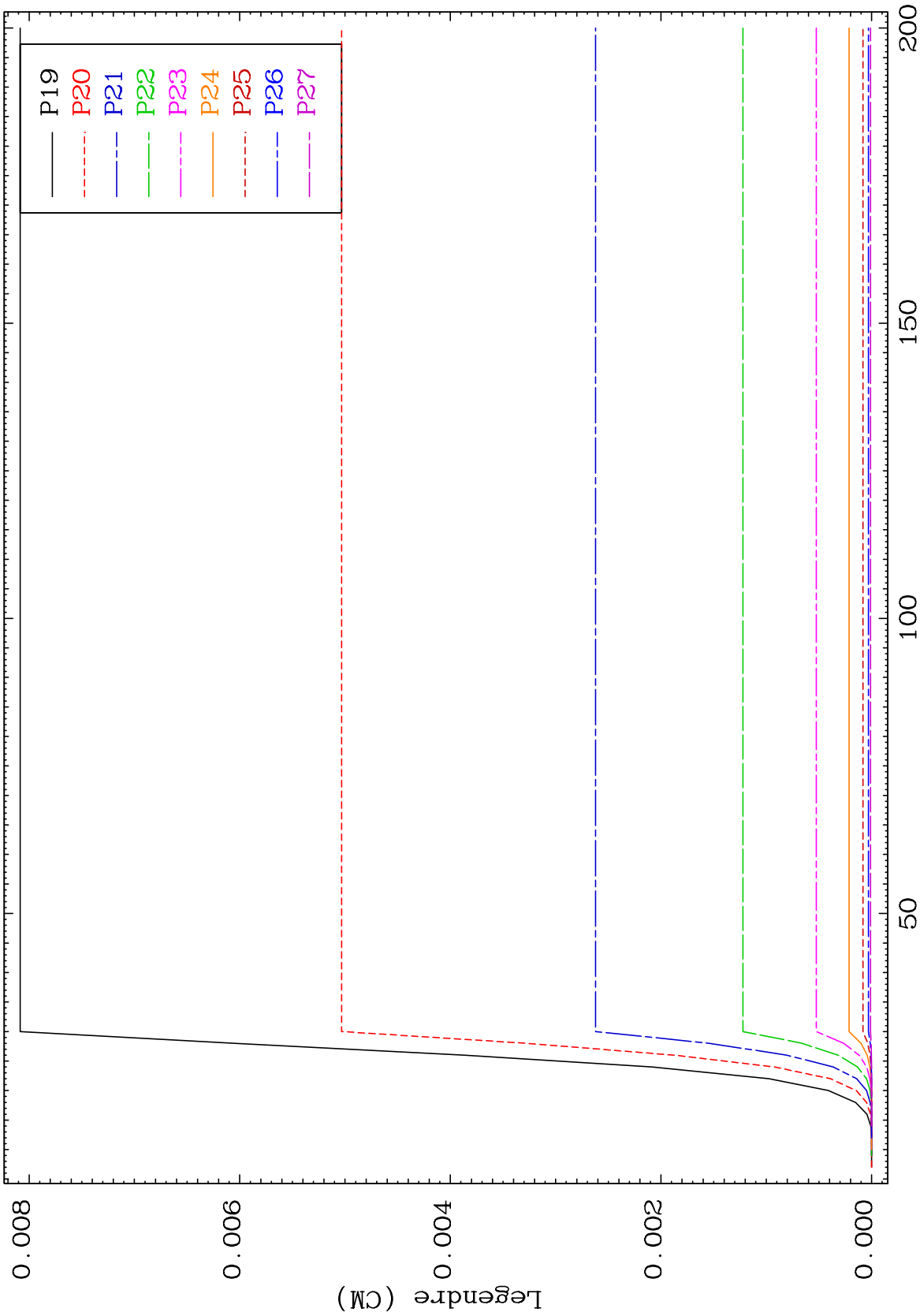
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 76 (n,n') Level  
Legendre Coefficients

58-Ce-129



122

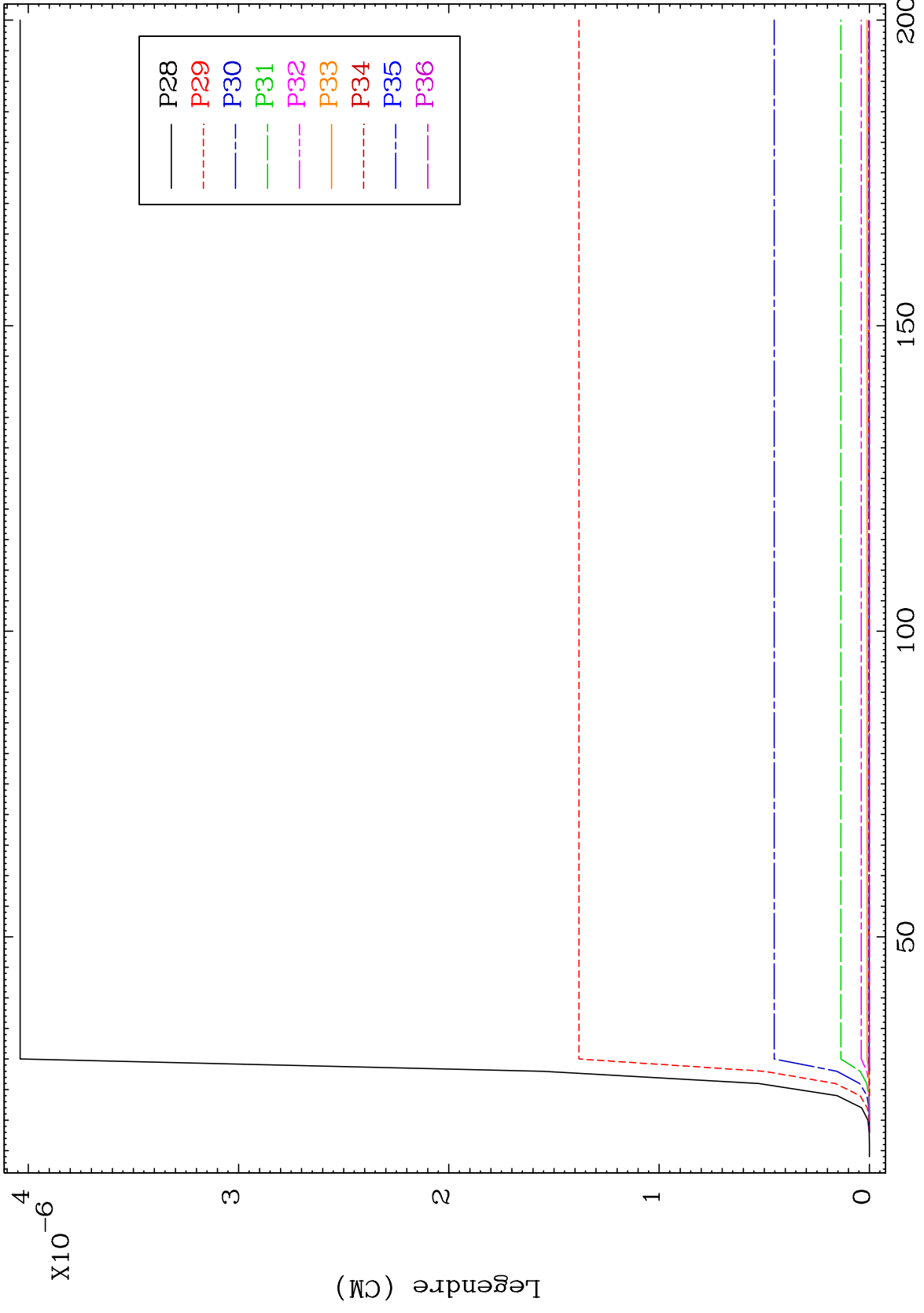
Incident Energy (MeV)

58-Ce-129

MAT 5804

MT= 76 (n,n') Level  
Legendre Coefficients

58-Ce-129



123

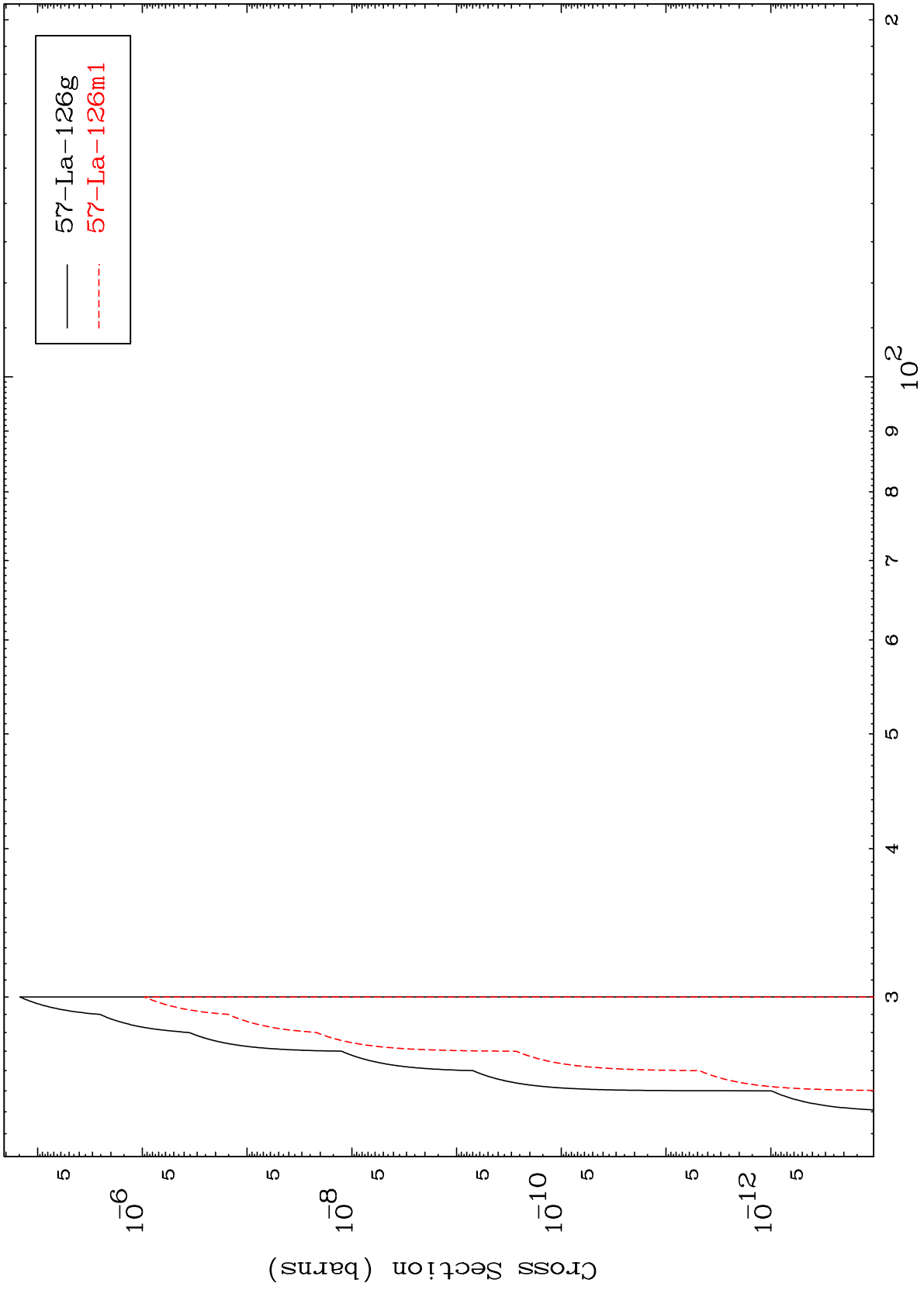
58-Ce-129

MAT 5804

(n,2n) d

58-Ce-129

Radionuclide Production Cross Section



124

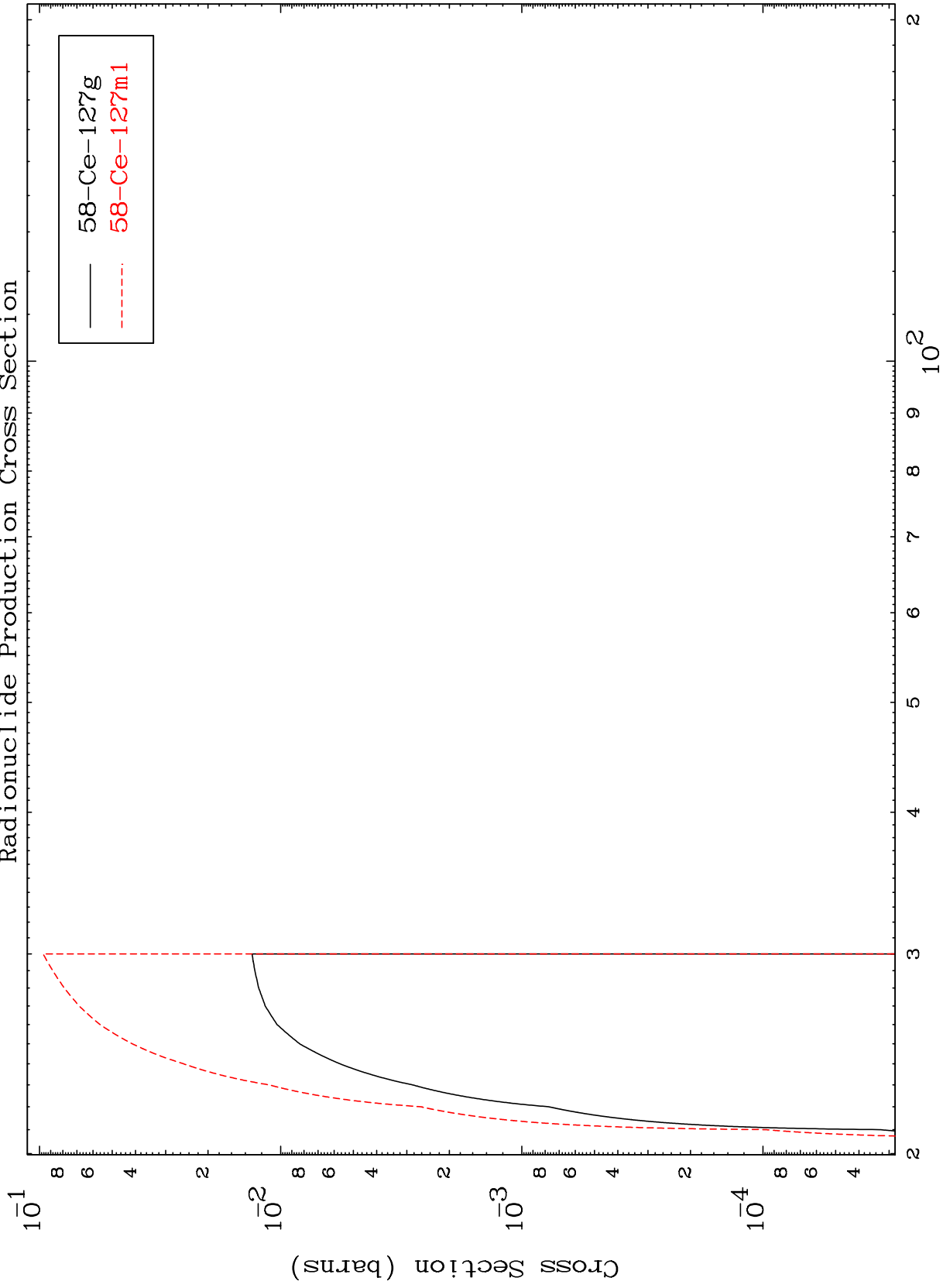
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

(n,3n)  
Radionuclide Production Cross Section



125

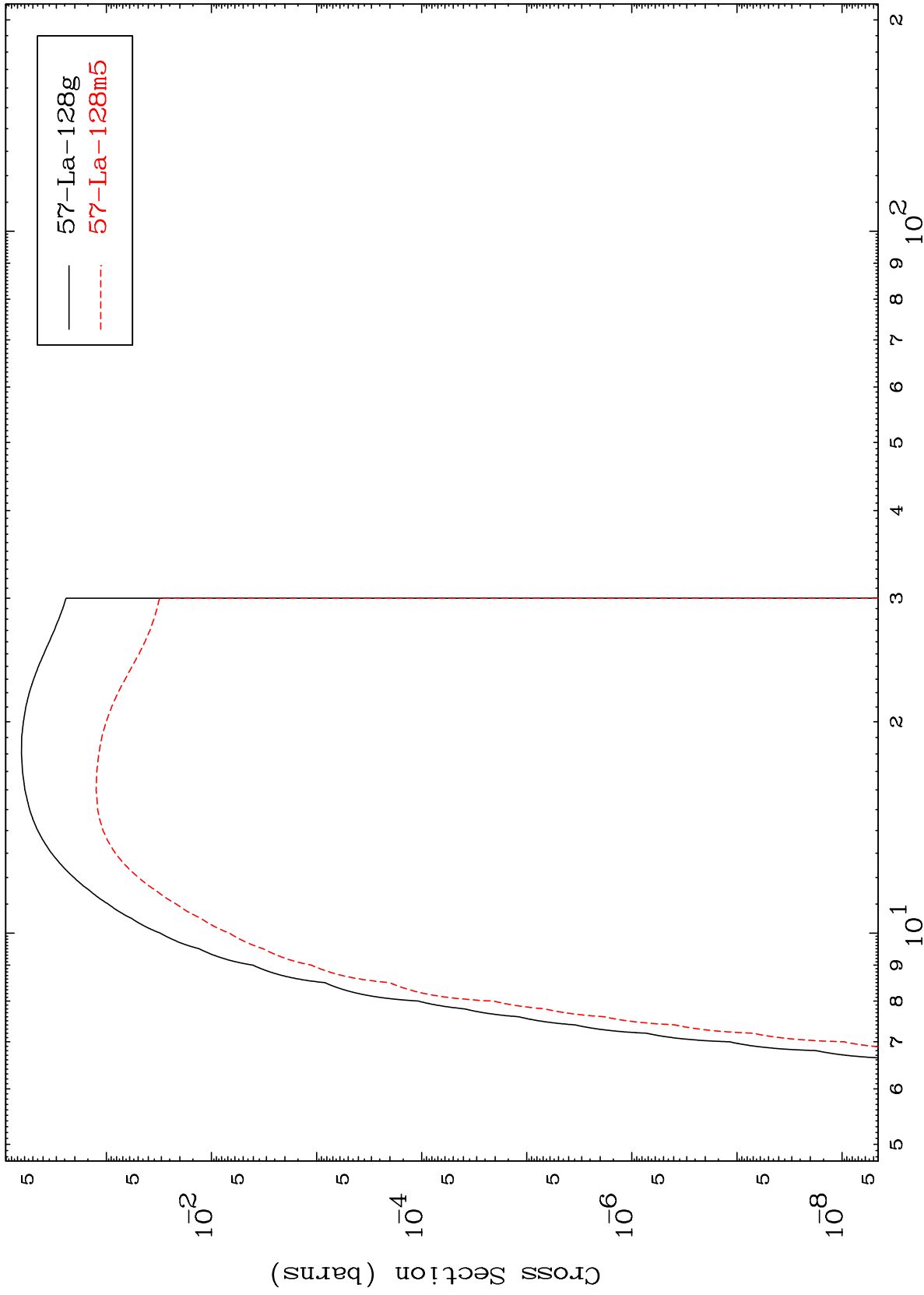
58-Ce-129

MAT 5804

(n,n') p

58-Ce-129

Radionuclide Production Cross Section



126

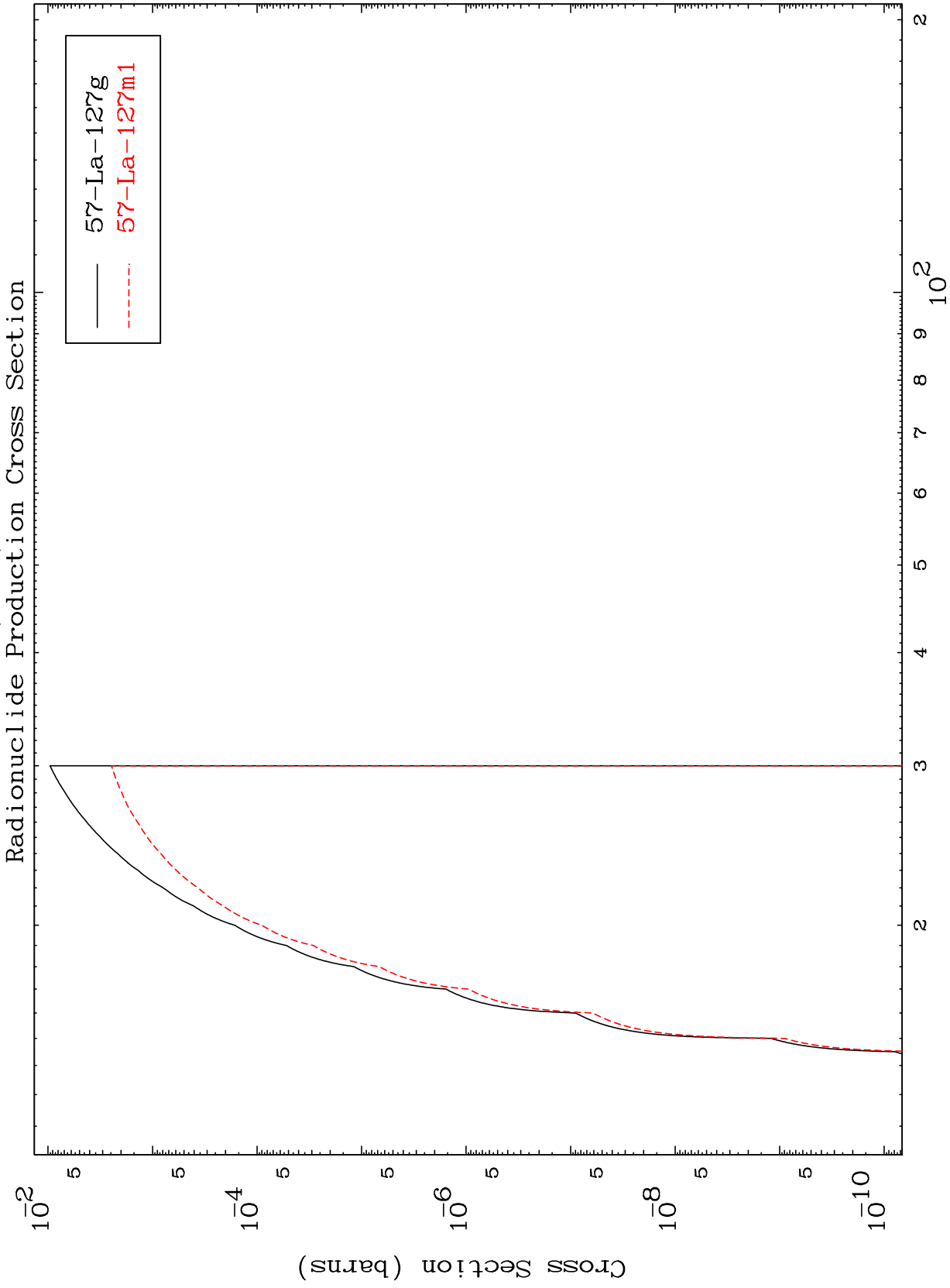
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,n') d

58-Ce-129



127

Incident Energy (MeV)

58-Ce-129

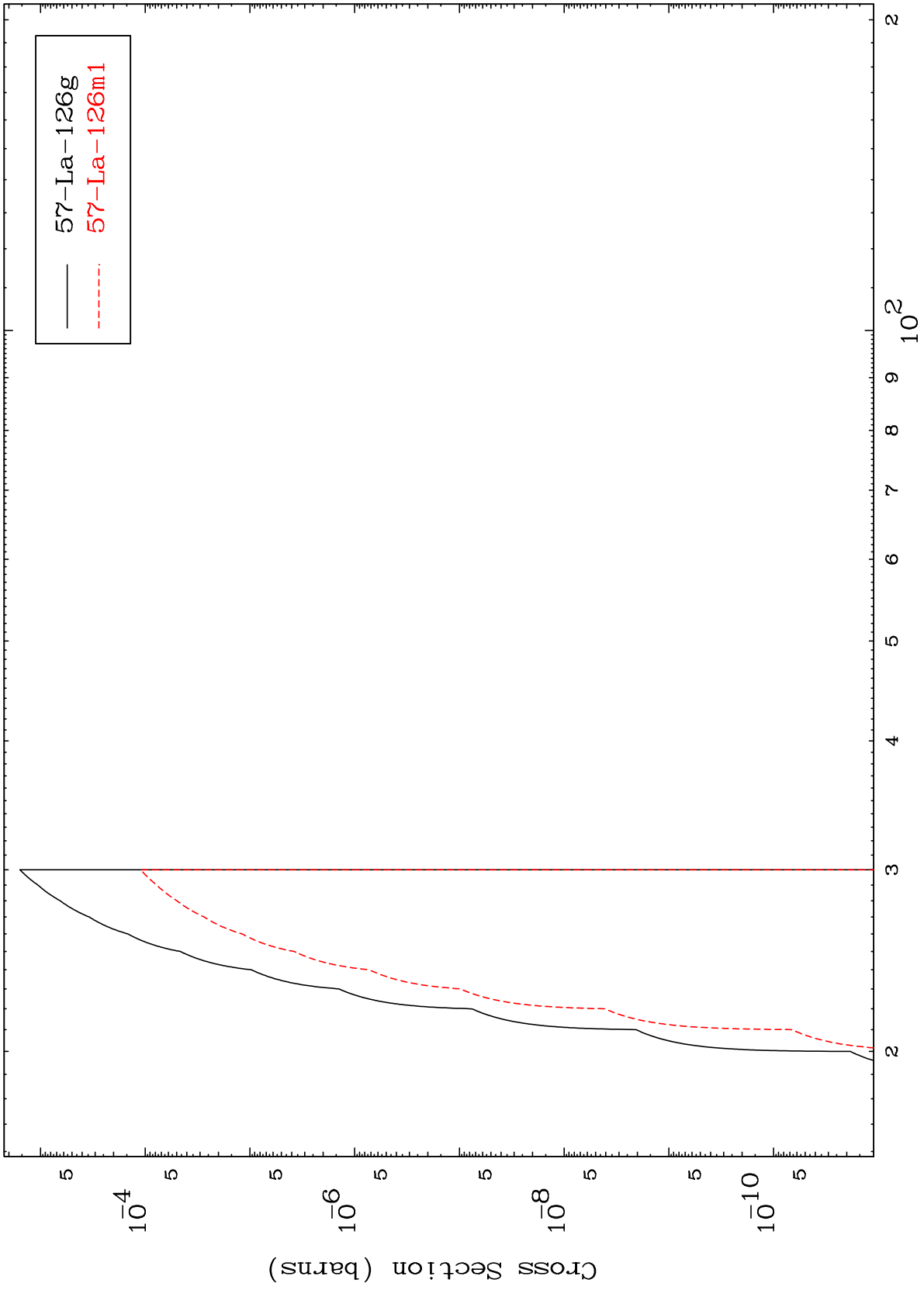


MAT 5804

(n,n') t

58-Ce-129

Radionuclide Production Cross Section



128

Incident Energy (MeV)

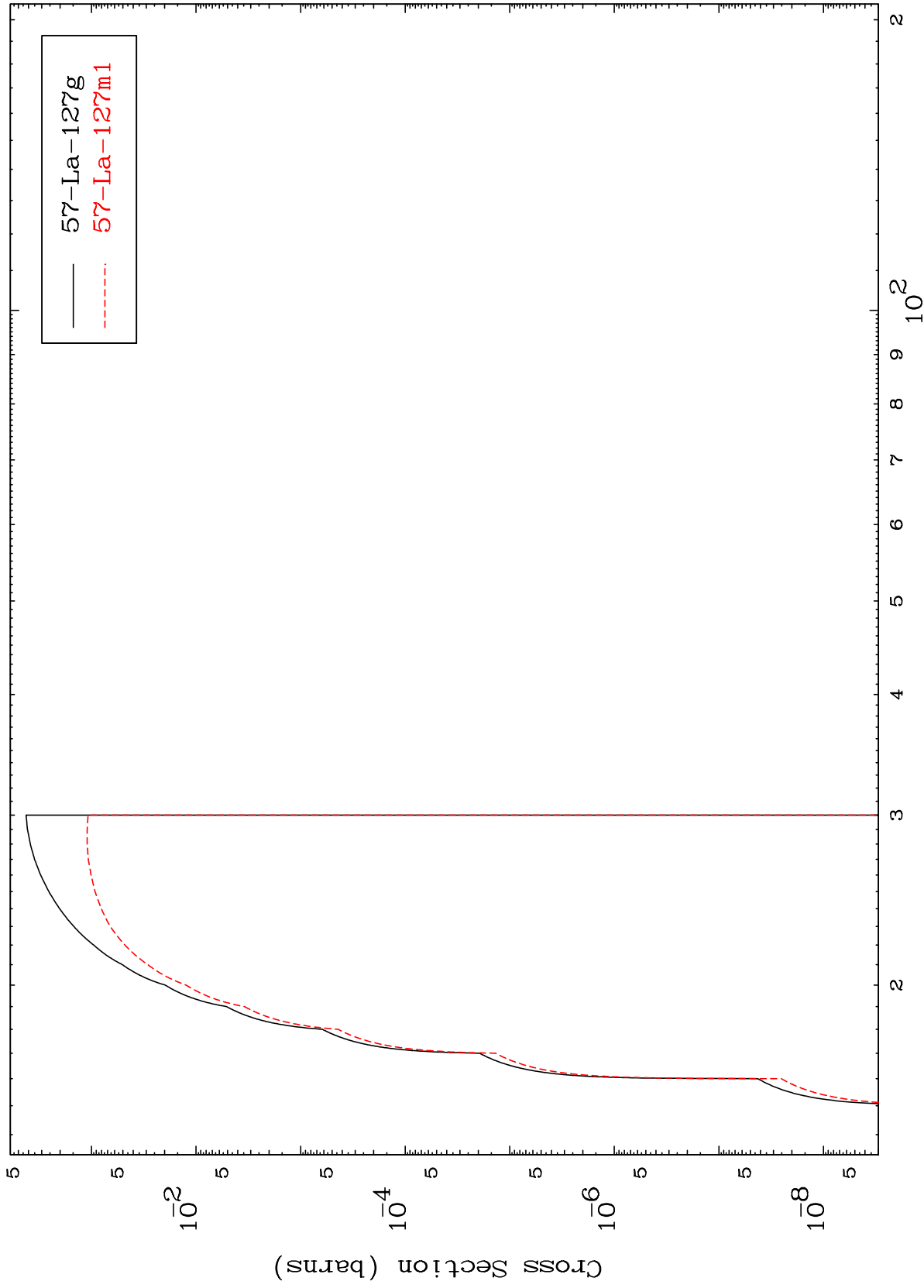
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

Radionuclide Production Cross Section



129

Incident Energy (MeV)

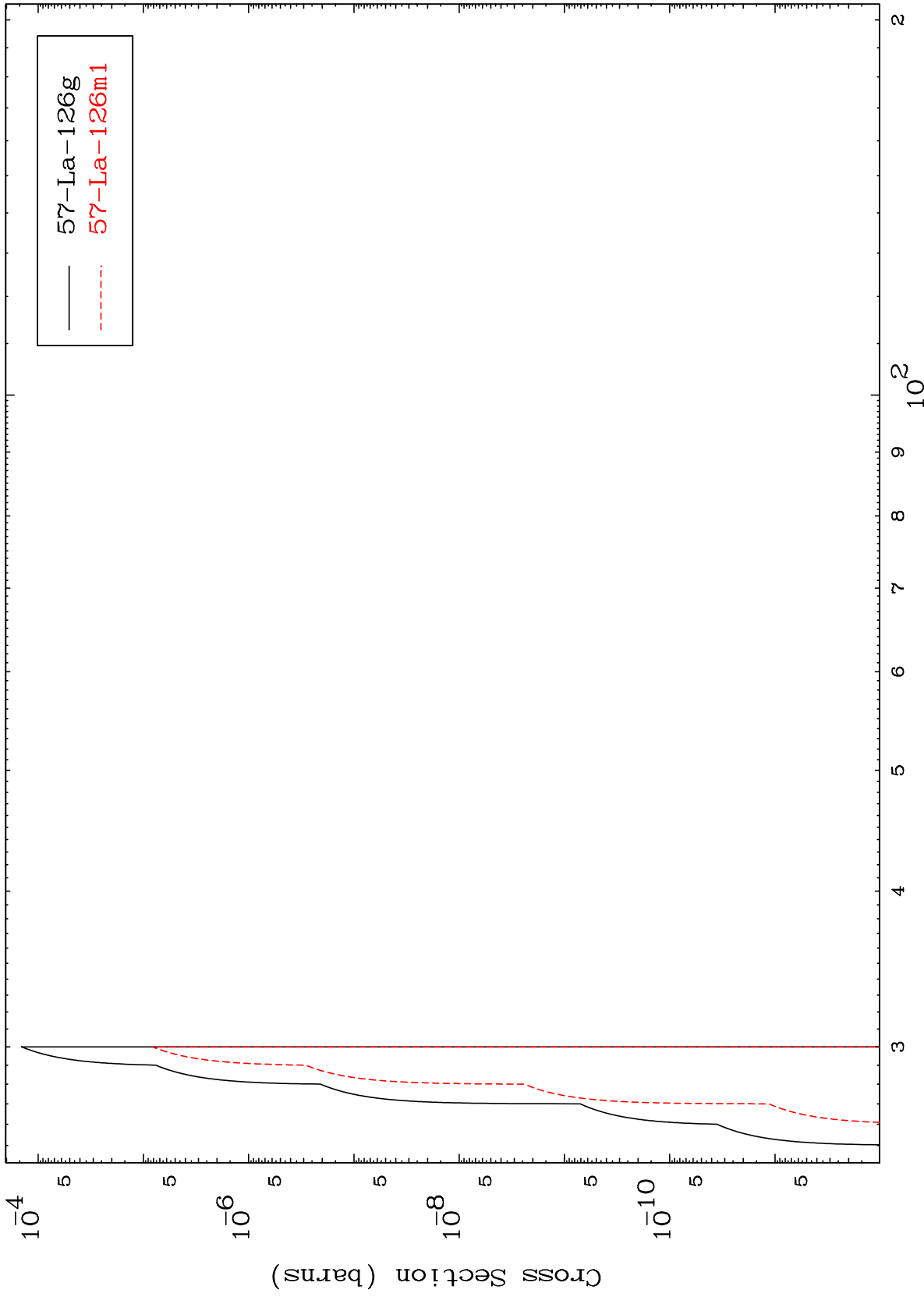
58-Ce-129

MAT 5804

(n,3n) p

58-Ce-129

Radionuclide Production Cross Section



130

Incident Energy (MeV)

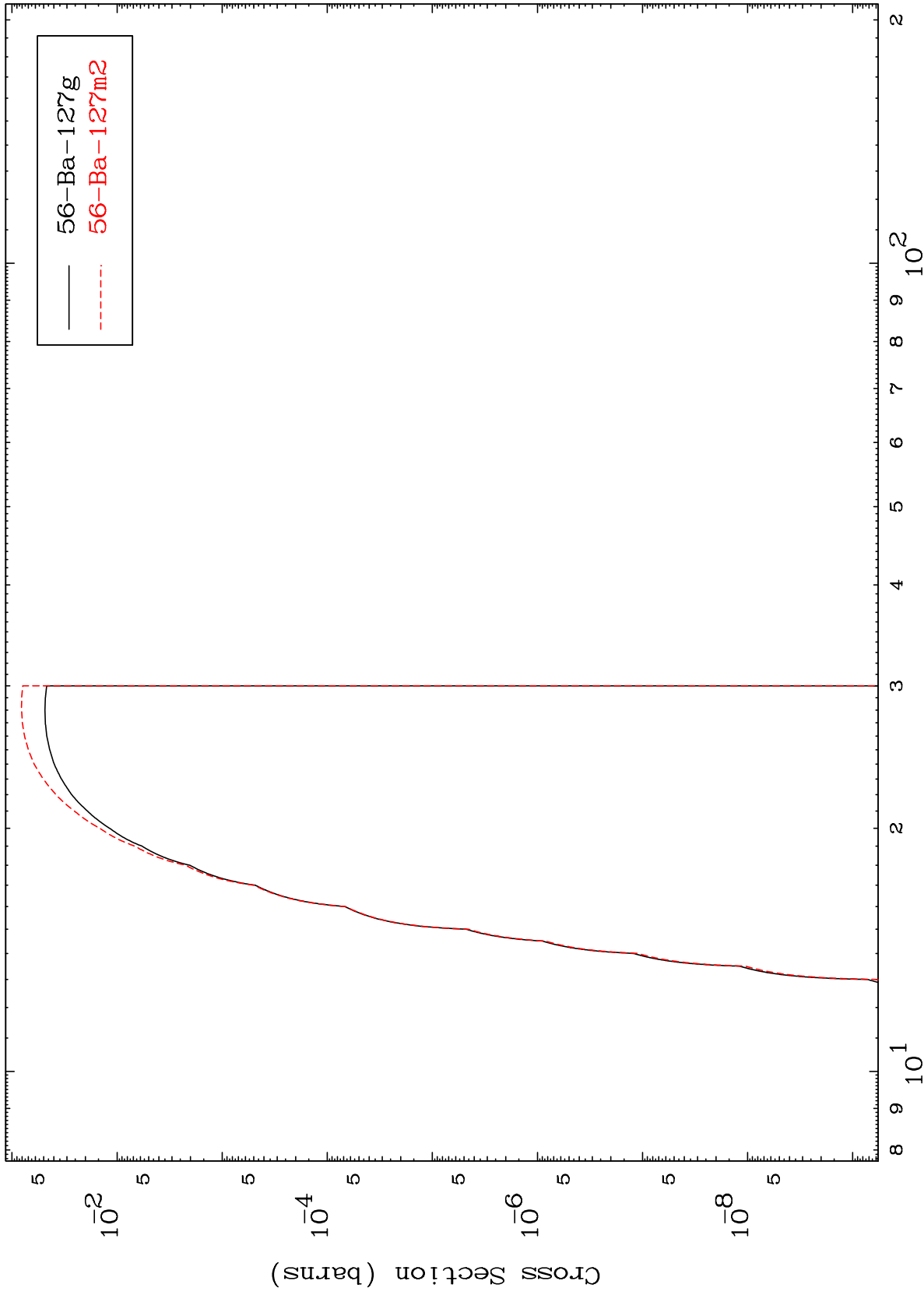
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

Radionuclide Production Cross Section



131

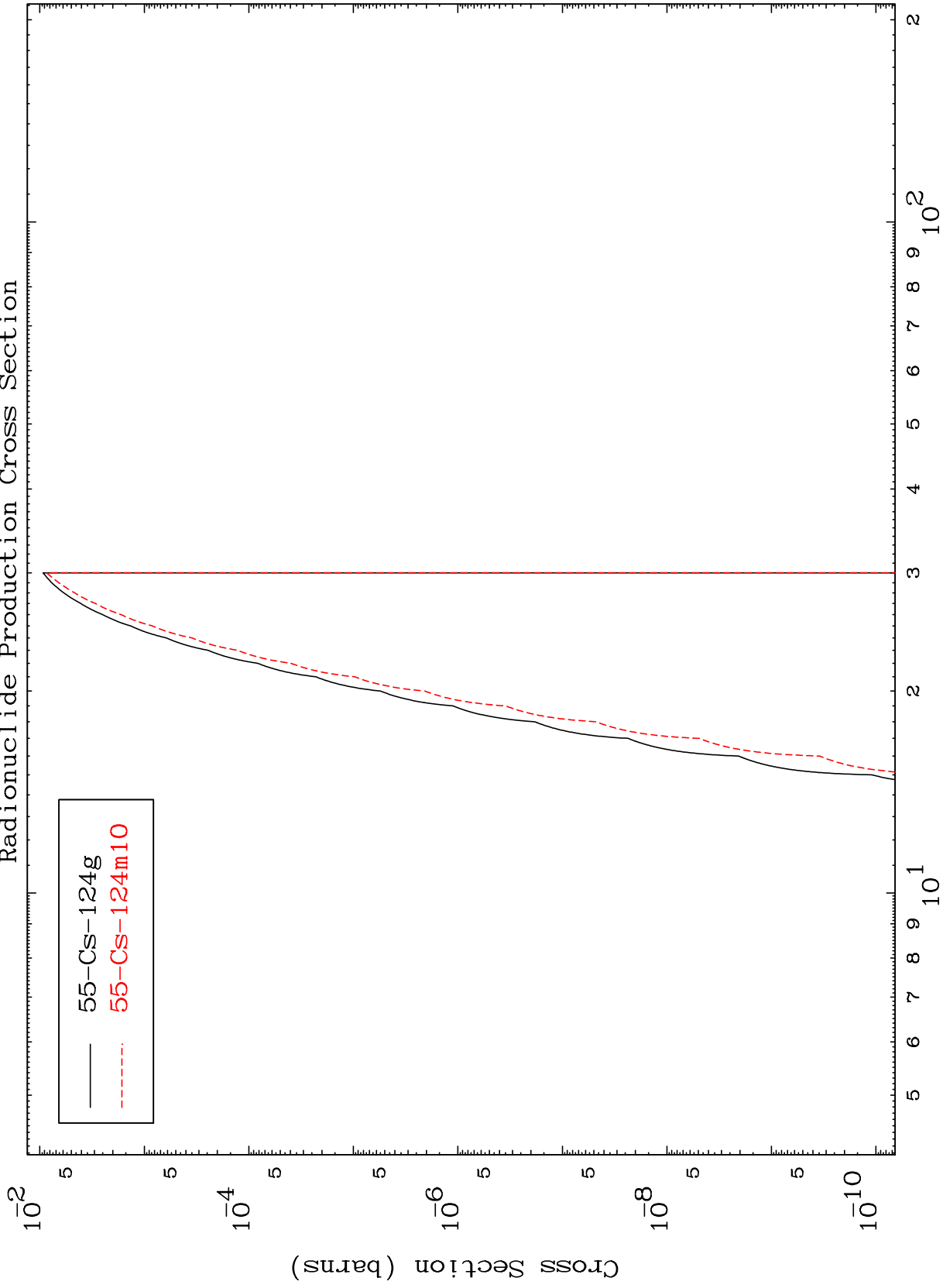
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



55-Cs-124g  
55-Cs-124m10

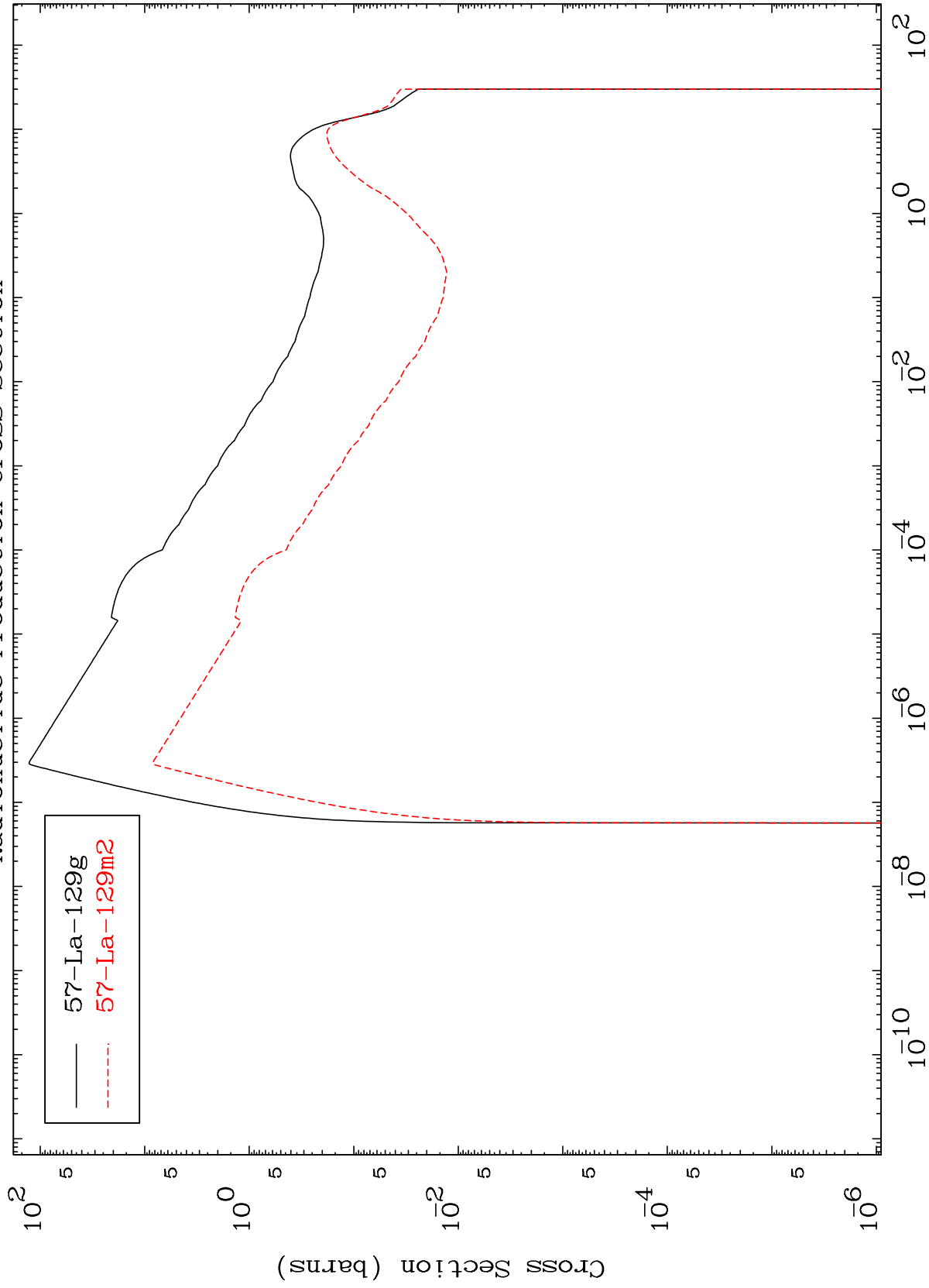
132

58-Ce-129

MAT 5804

58-Ce-129

Radionuclide Production Cross Section (n,p)



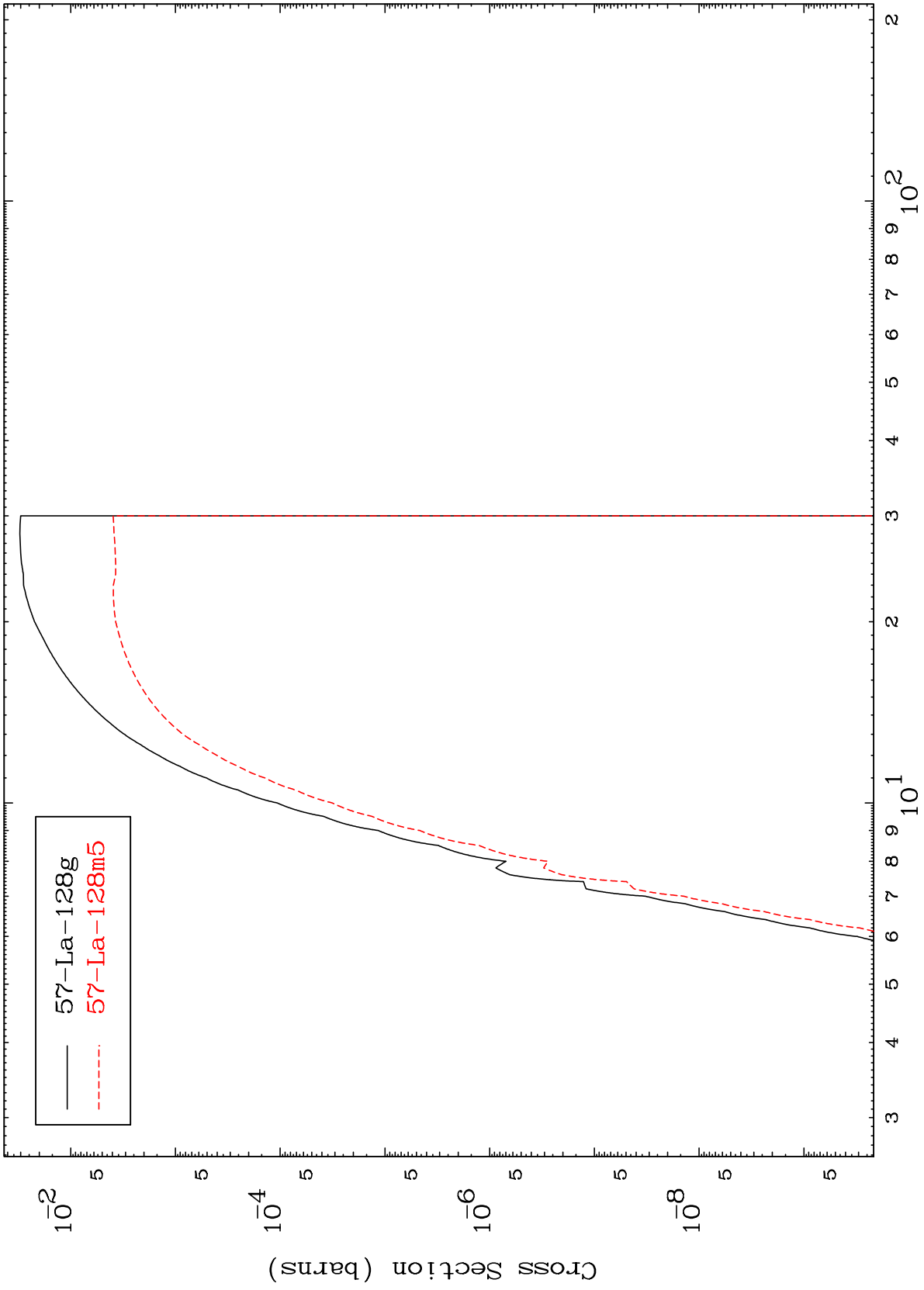
133

58-Ce-129

MAT 5804

58-Ce-129

(n,d)  
Radionuclide Production Cross Section



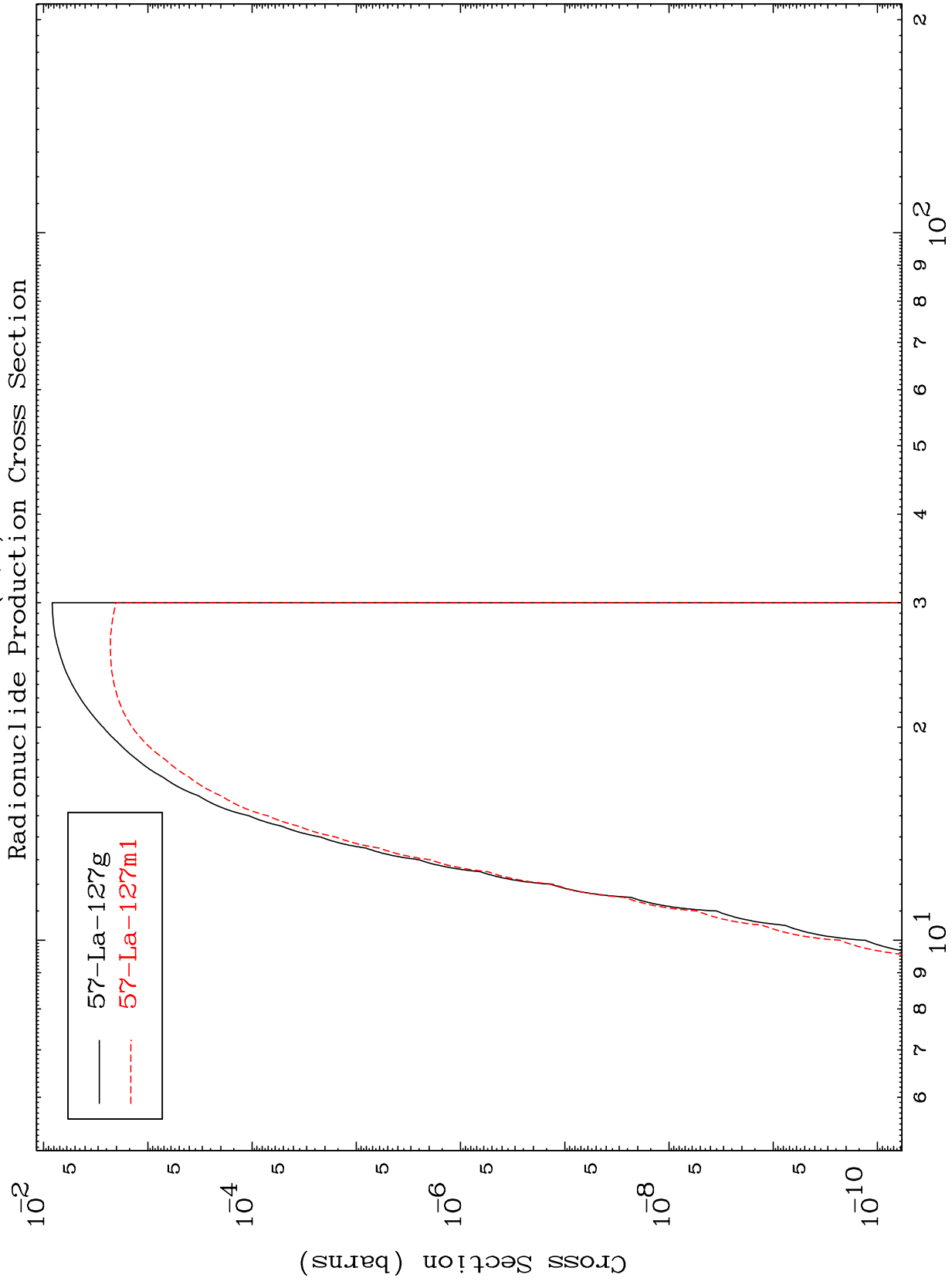
134

Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129



135

58-Ce-129

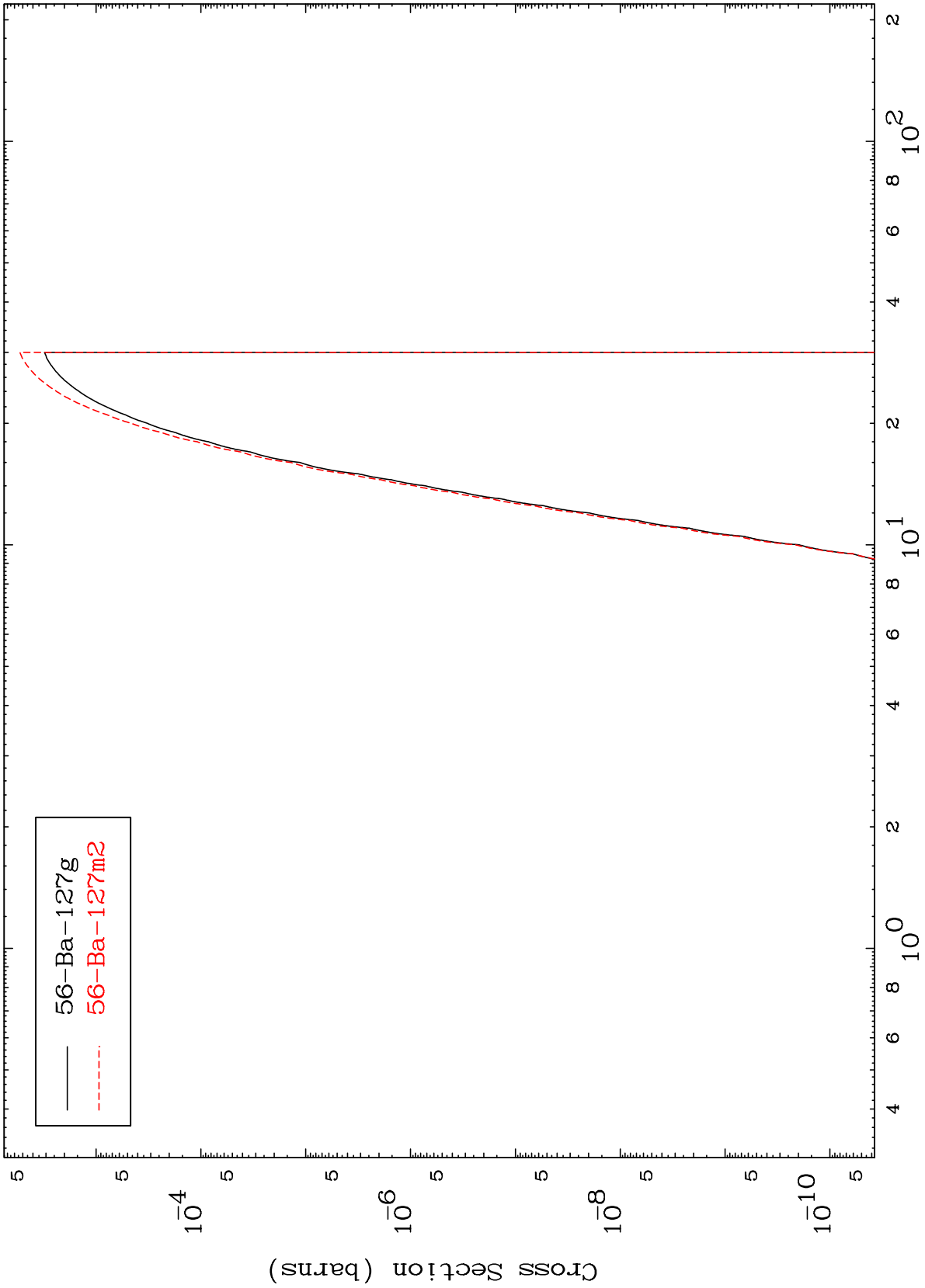


MAT 5804

(n, He-3)

58-Ce-129

Radionuclide Production Cross Section



136

Incident Energy (MeV)

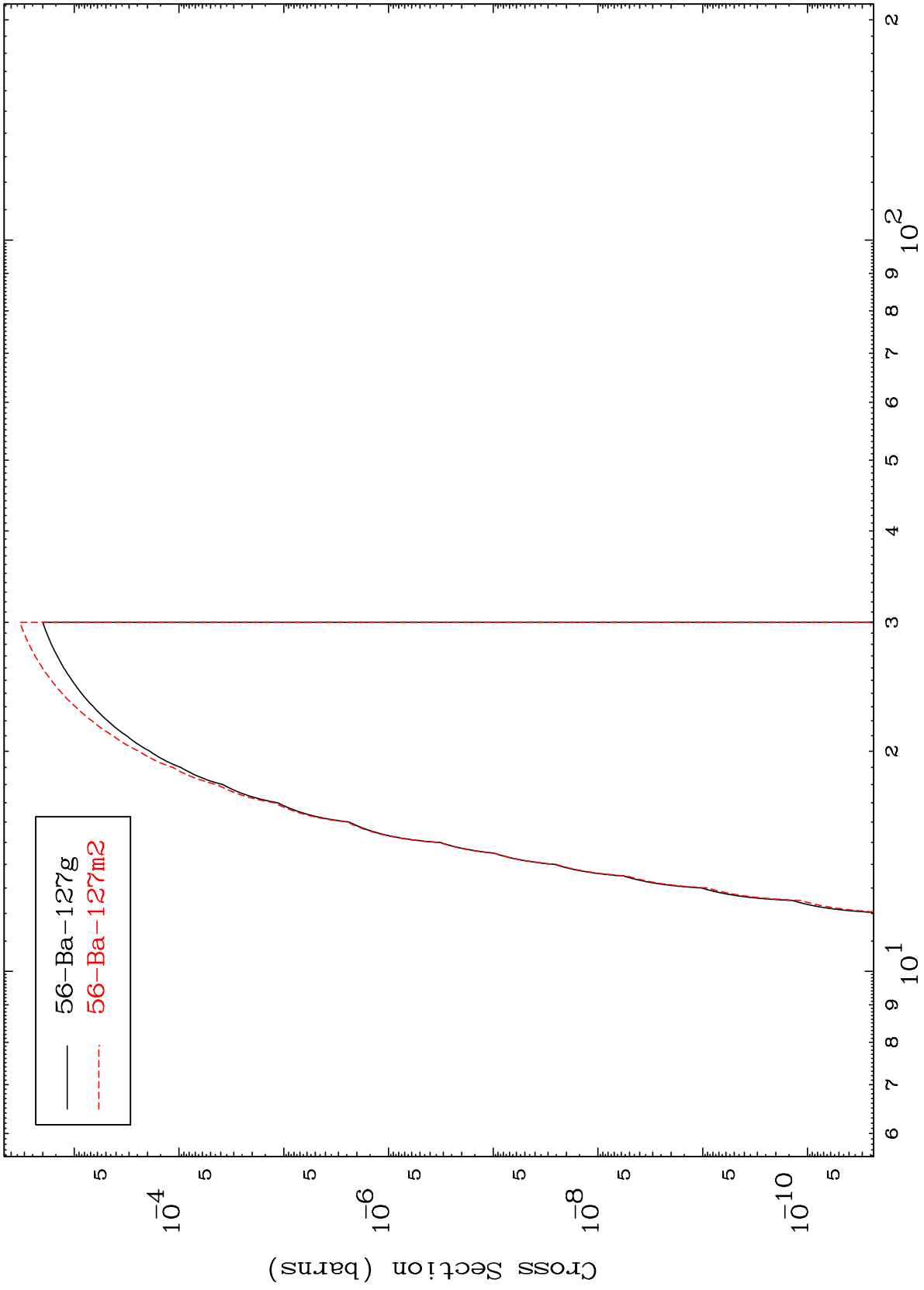
58-Ce-129

MAT 5804

(n,p) d

58-Ce-129

Radionuclide Production Cross Section



137

Incident Energy (MeV)

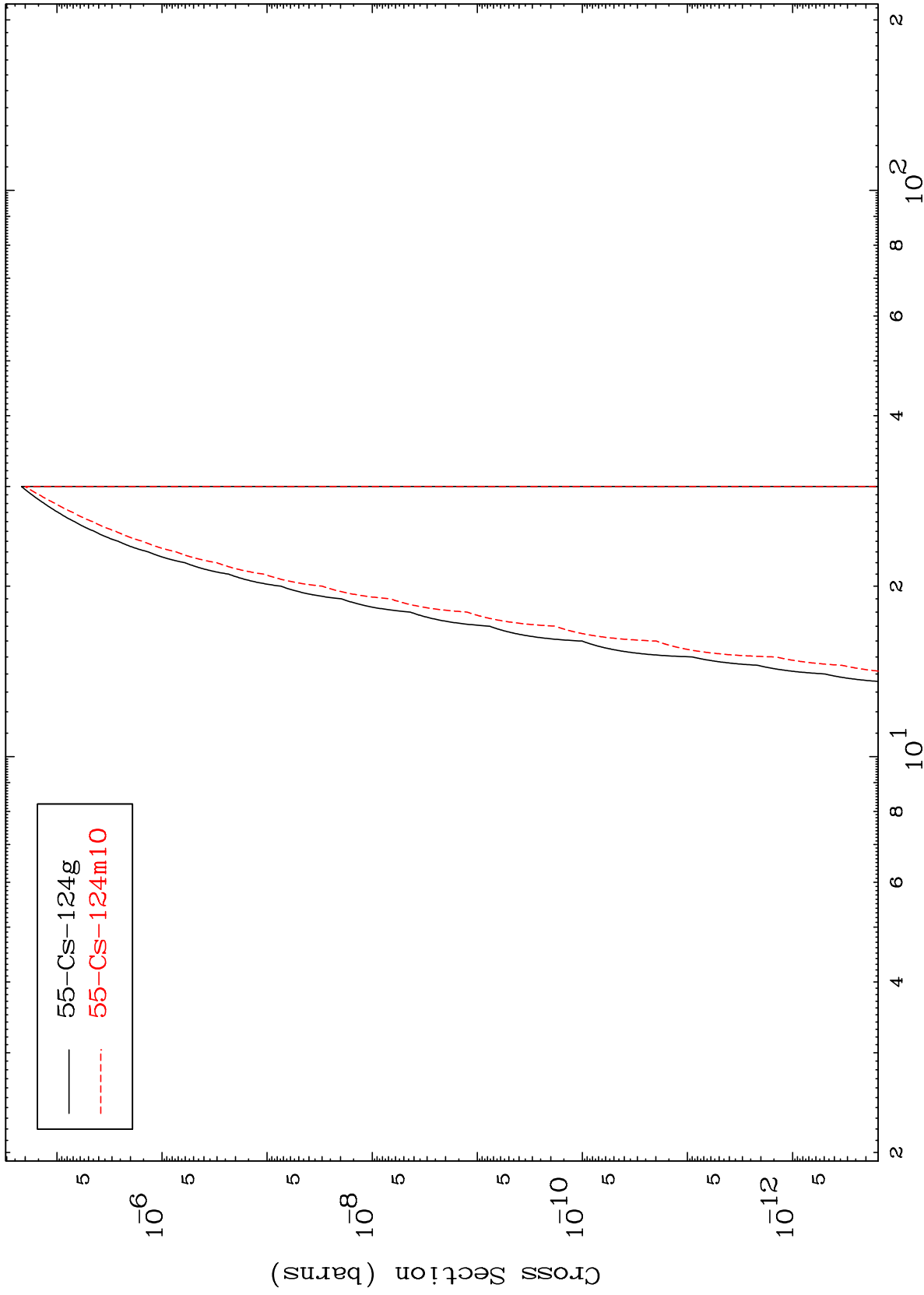
58-Ce-129

MAT 5804

(n,d)  $\alpha$

58-Ce-129

Radionuclide Production Cross Section



138

Incident Energy (MeV)

58-Ce-129