

Program EVALPLOT
(Version 2015-2)

by

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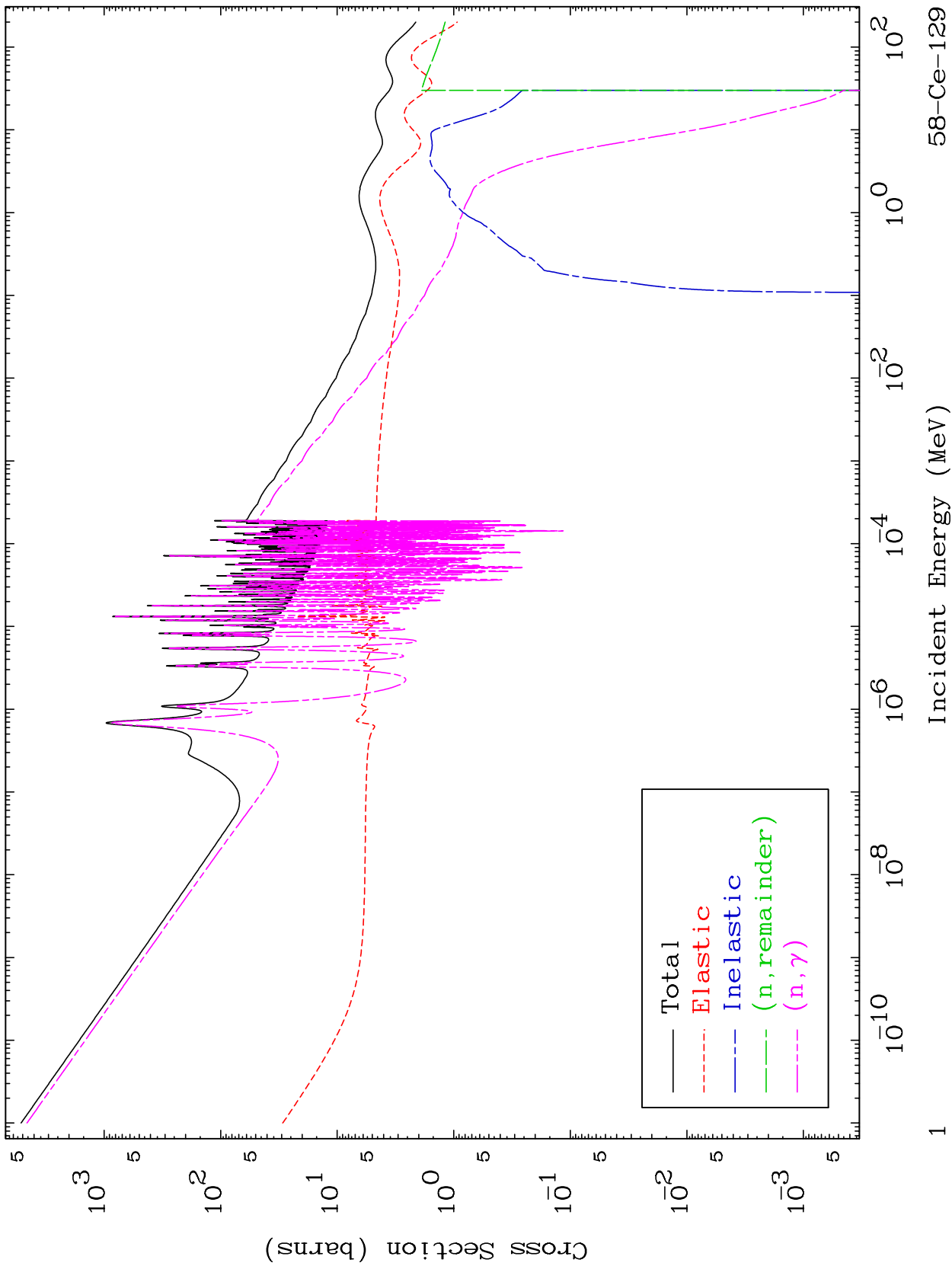
Press Mouse Button to Start

MAT 5804

Major

293 Kelvin Cross Sections

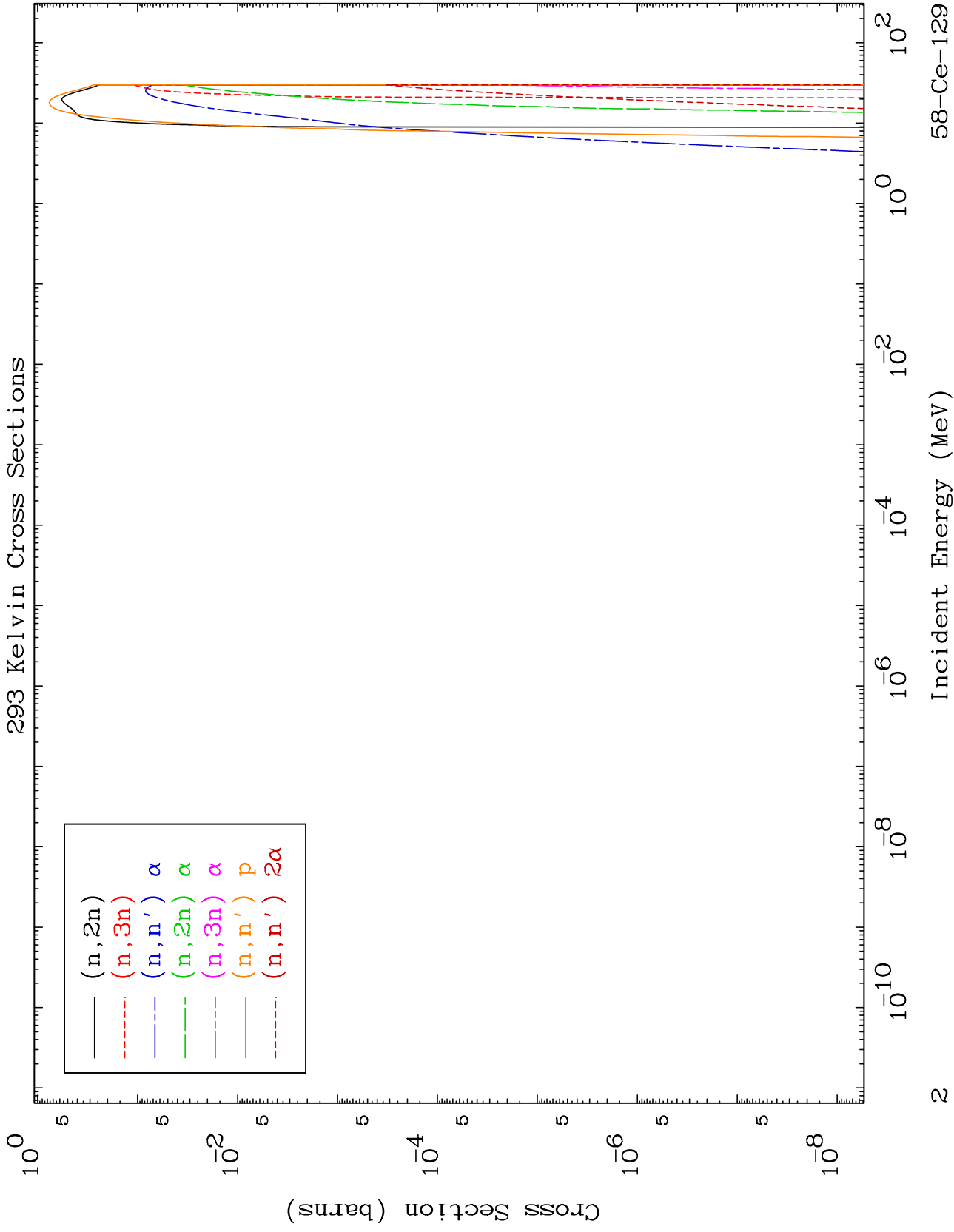
58-Ce-129



MAT 5804

Neutron Production
293 Kelvin Cross Sections

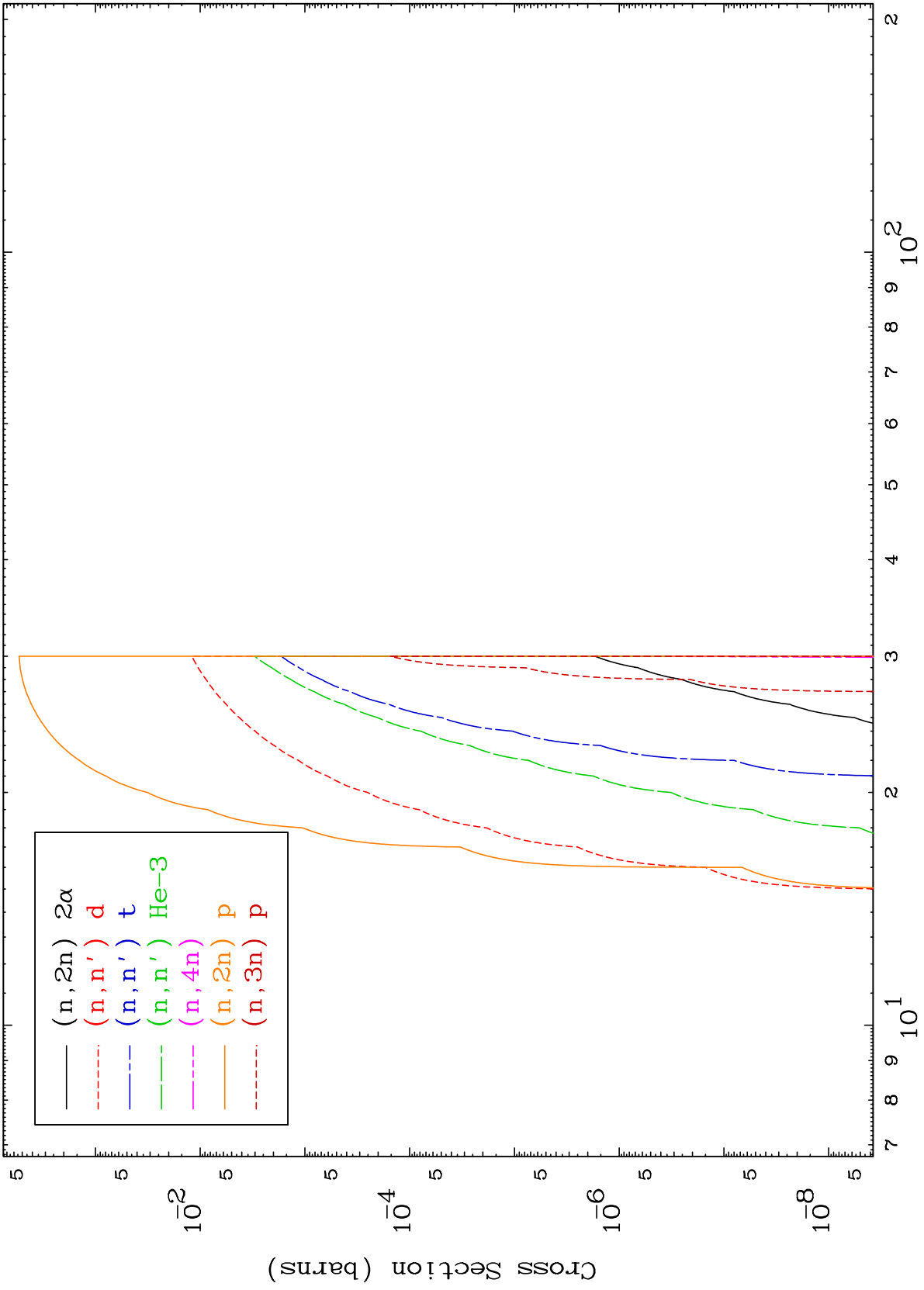
58-Ce-129



MAT 5804

Neutron Production
293 Kelvin Cross Sections

58-Ce-129



3

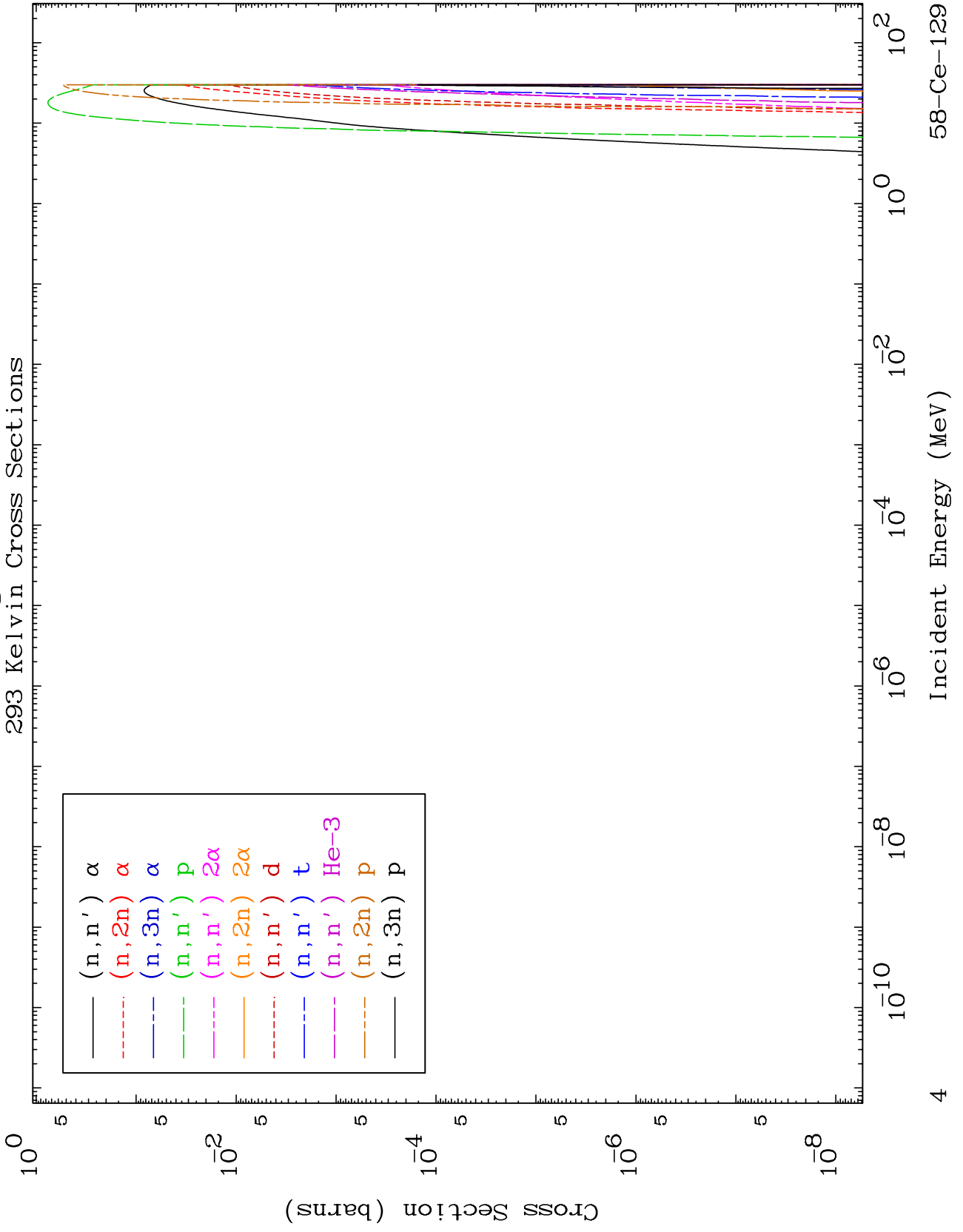
Incident Energy (MeV)

58-Ce-129

MAT 5804

Charged Particle
293 Kelvin Cross Sections

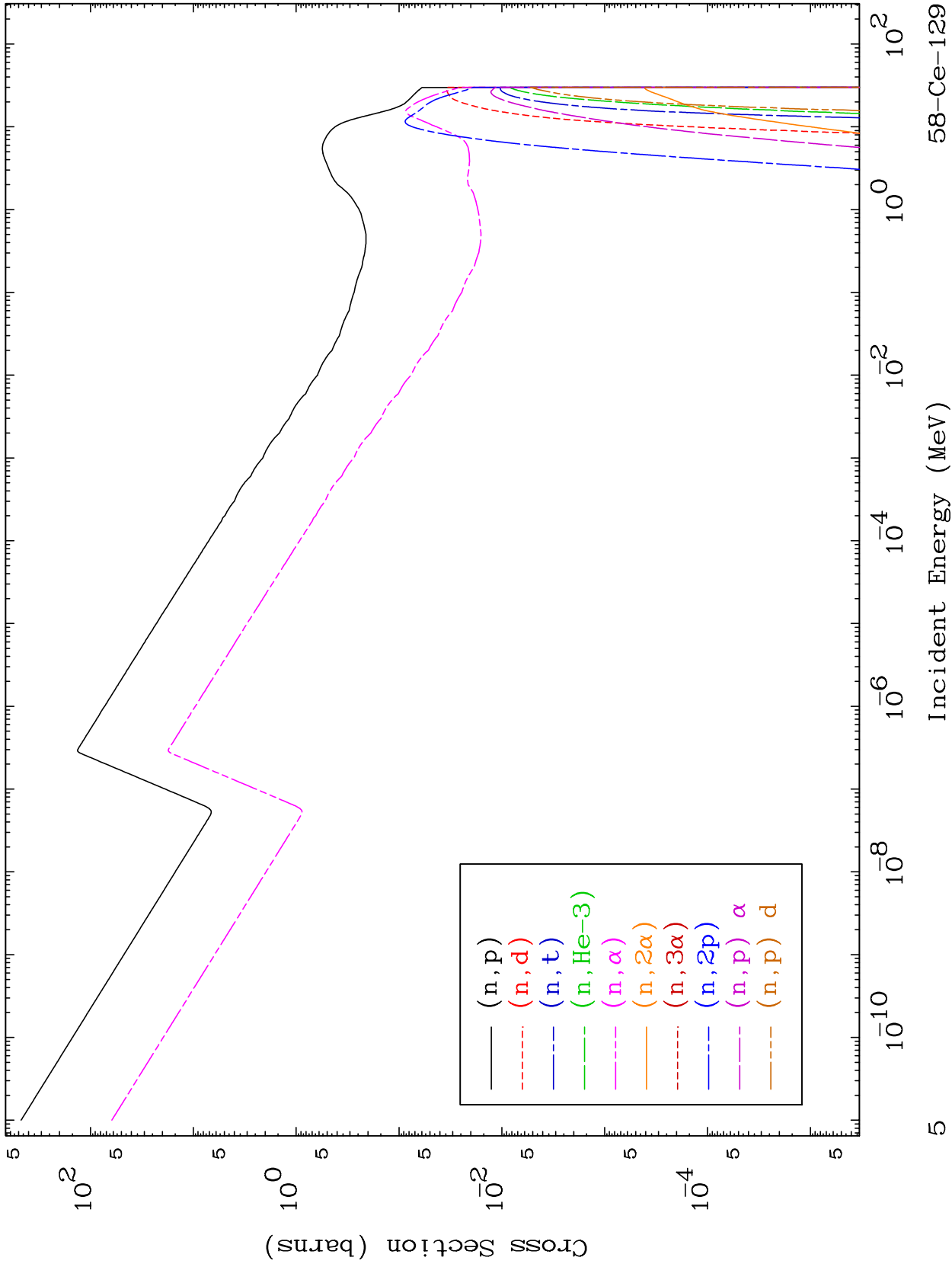
58-Ce-129

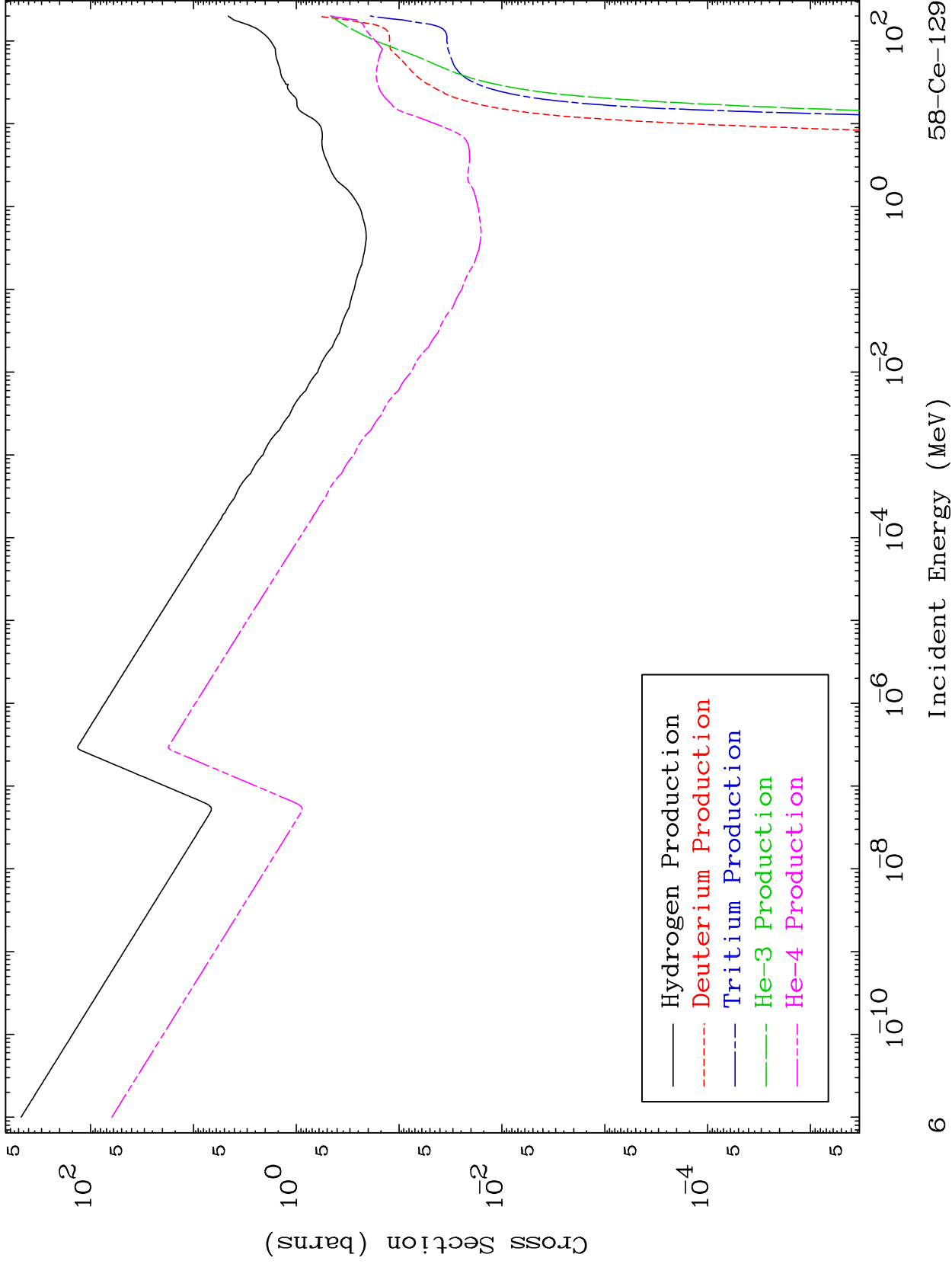


MAT 5804

Charged Particle
293 Kelvin Cross Sections

58-Ce-129

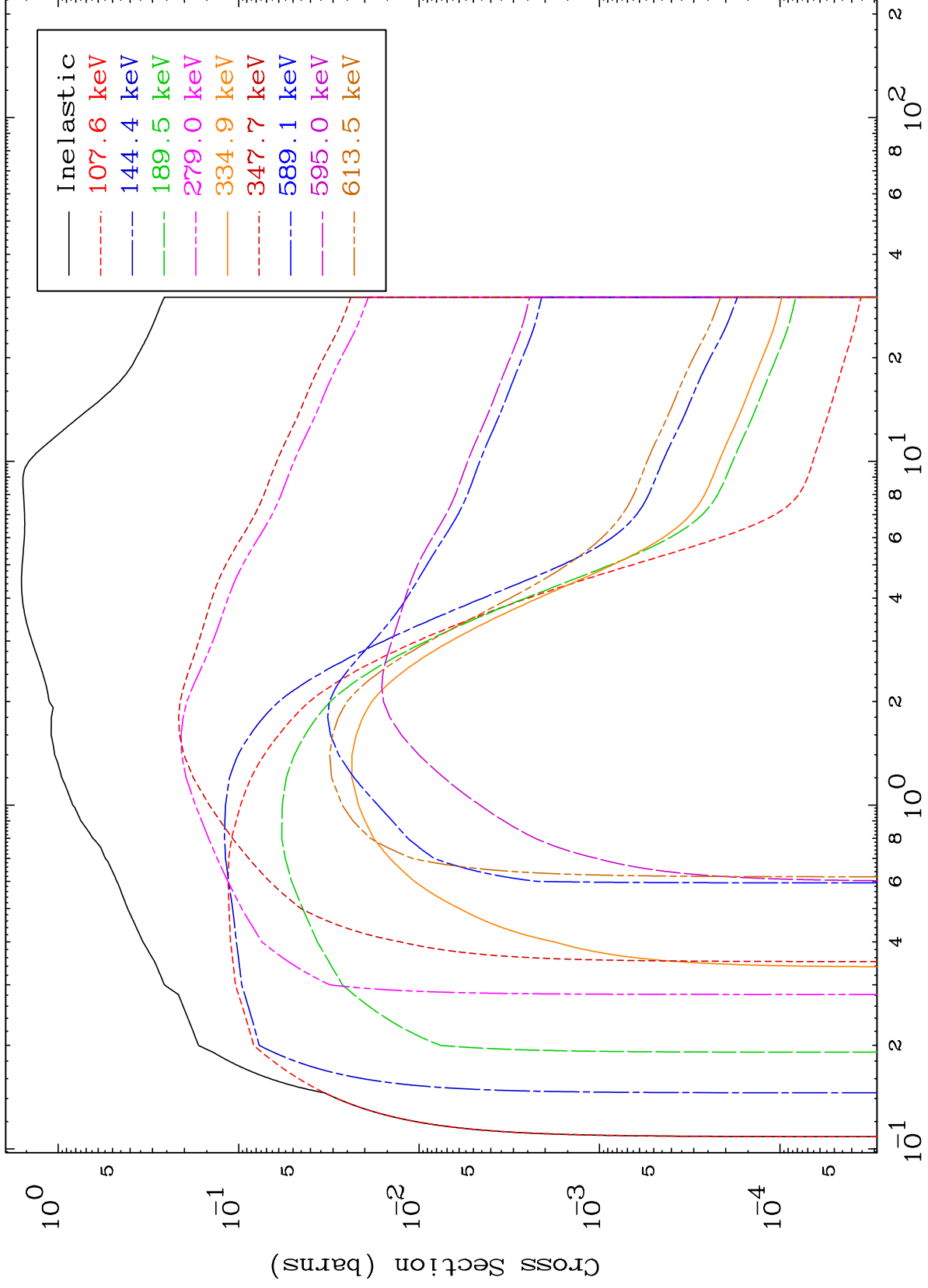




MAT 5804

(n,n') Level
293 Kelvin Cross Sections

58-Ce-129



Incident Energy (MeV)

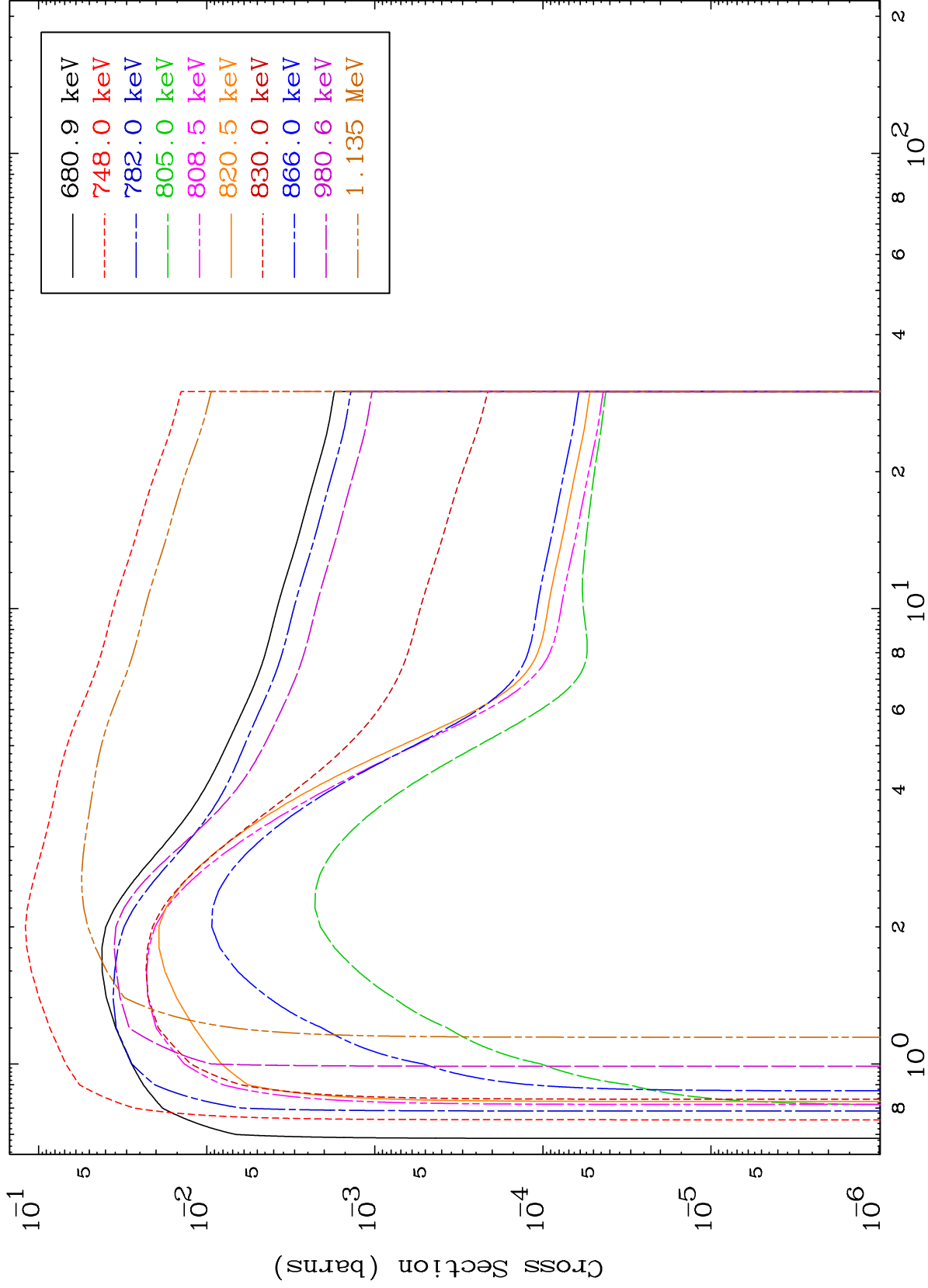
58-Ce-129

7

MAT 5804

(n,n') Level
293 Kelvin Cross Sections

58-Ce-129



8

Incident Energy (MeV)

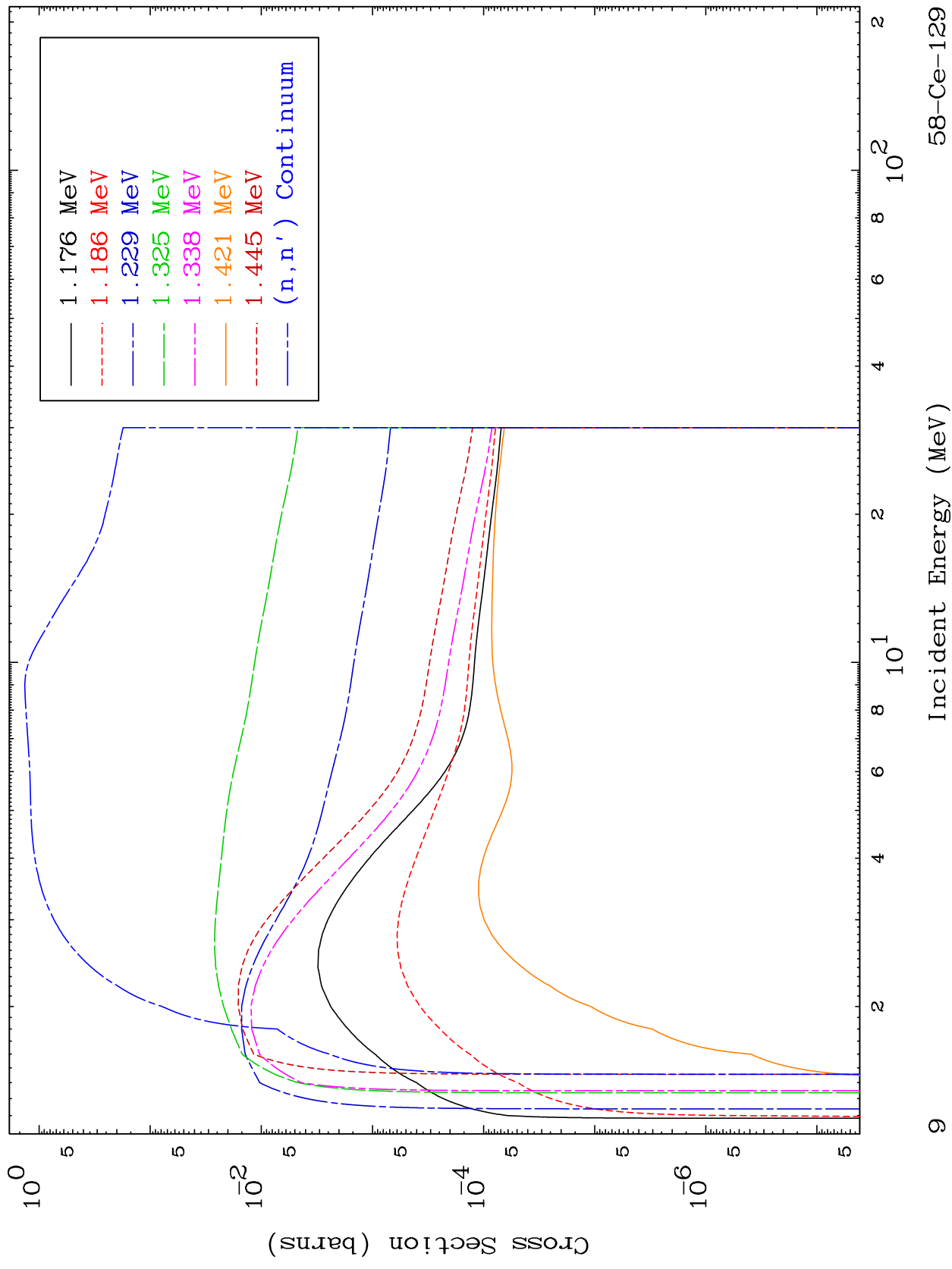
58-Ce-129

MAT 5804

(n,n') Level

58-Ce-129

293 Kelvin Cross Sections



9

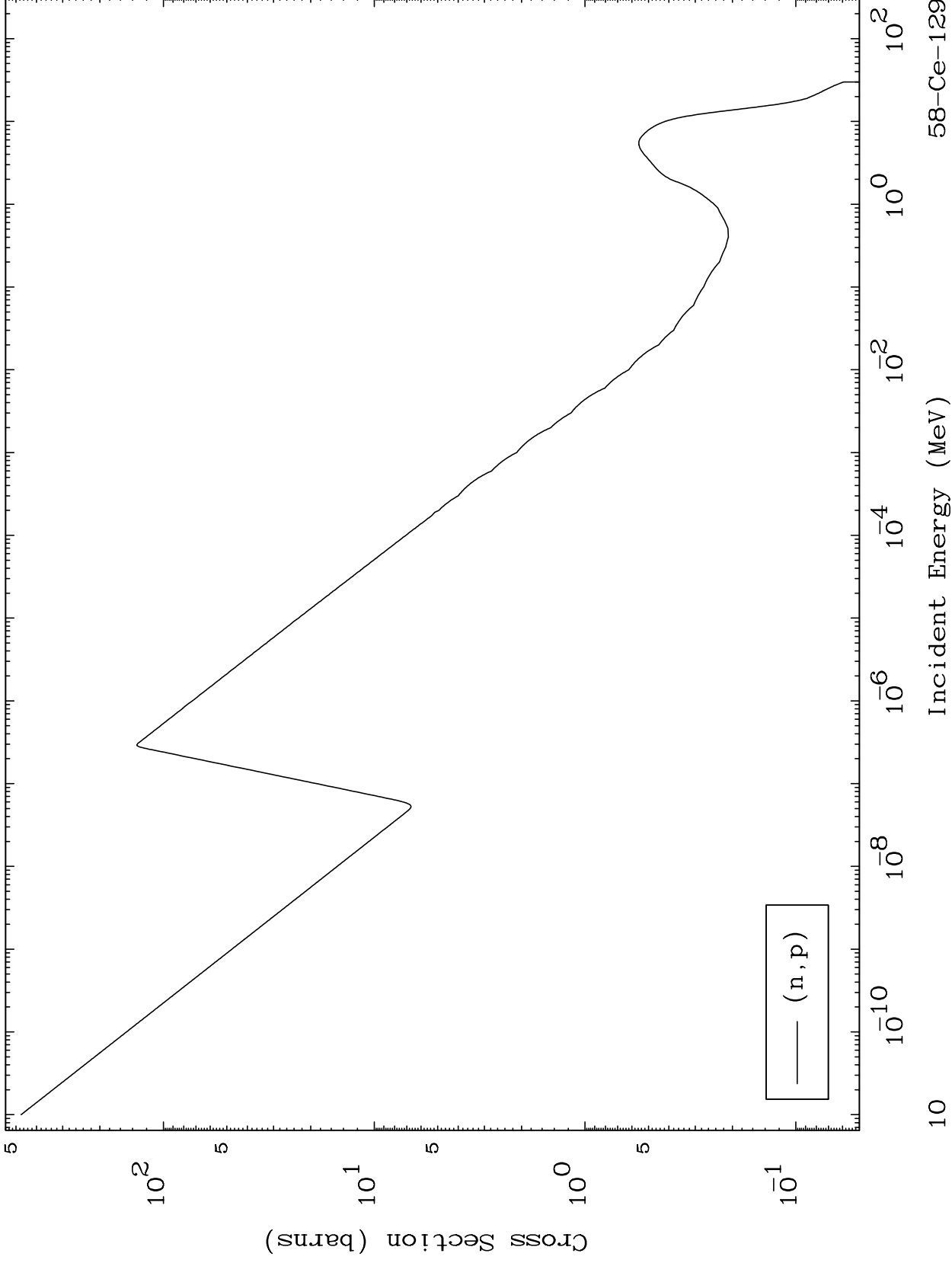
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-129



10

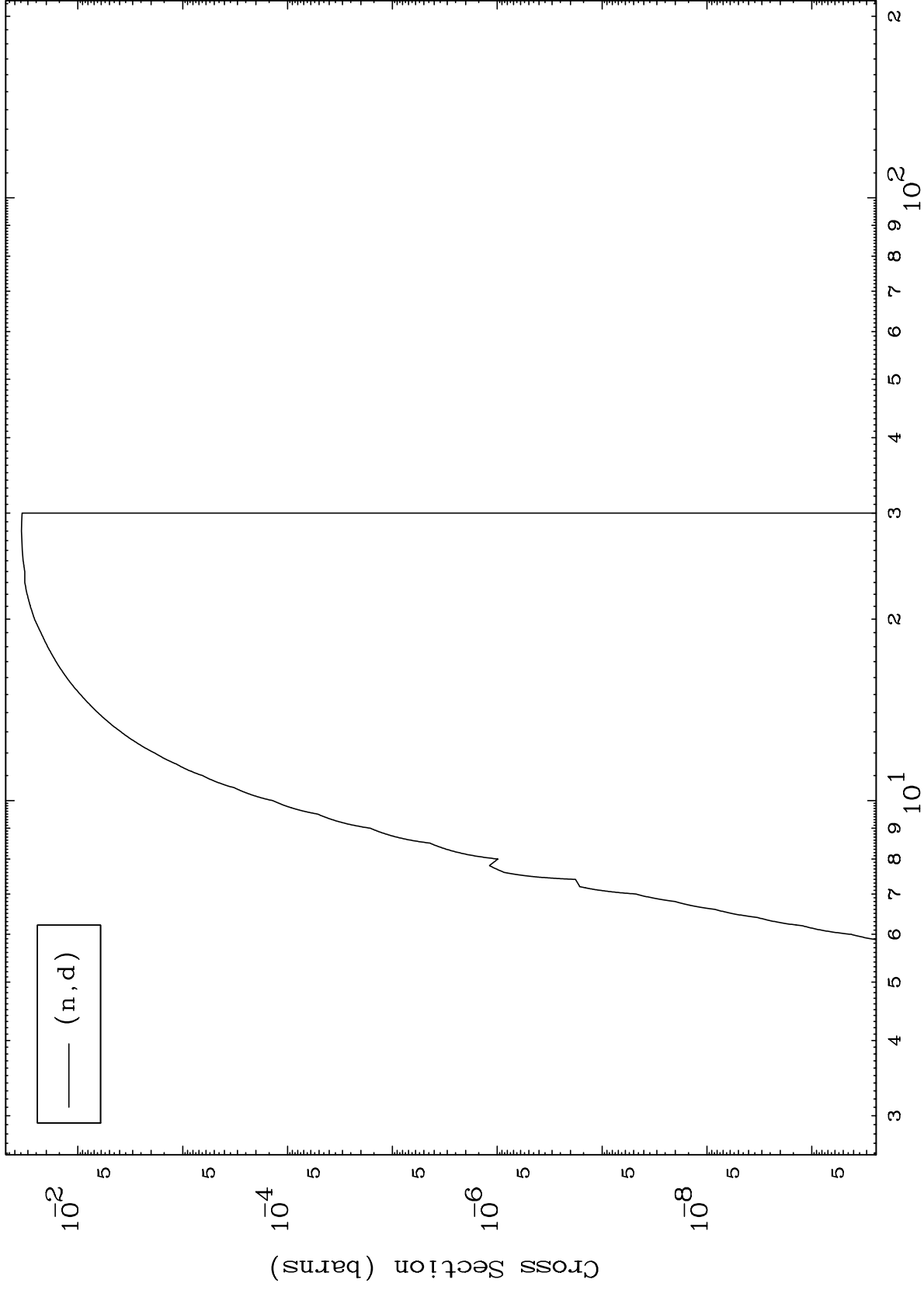
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-129



11

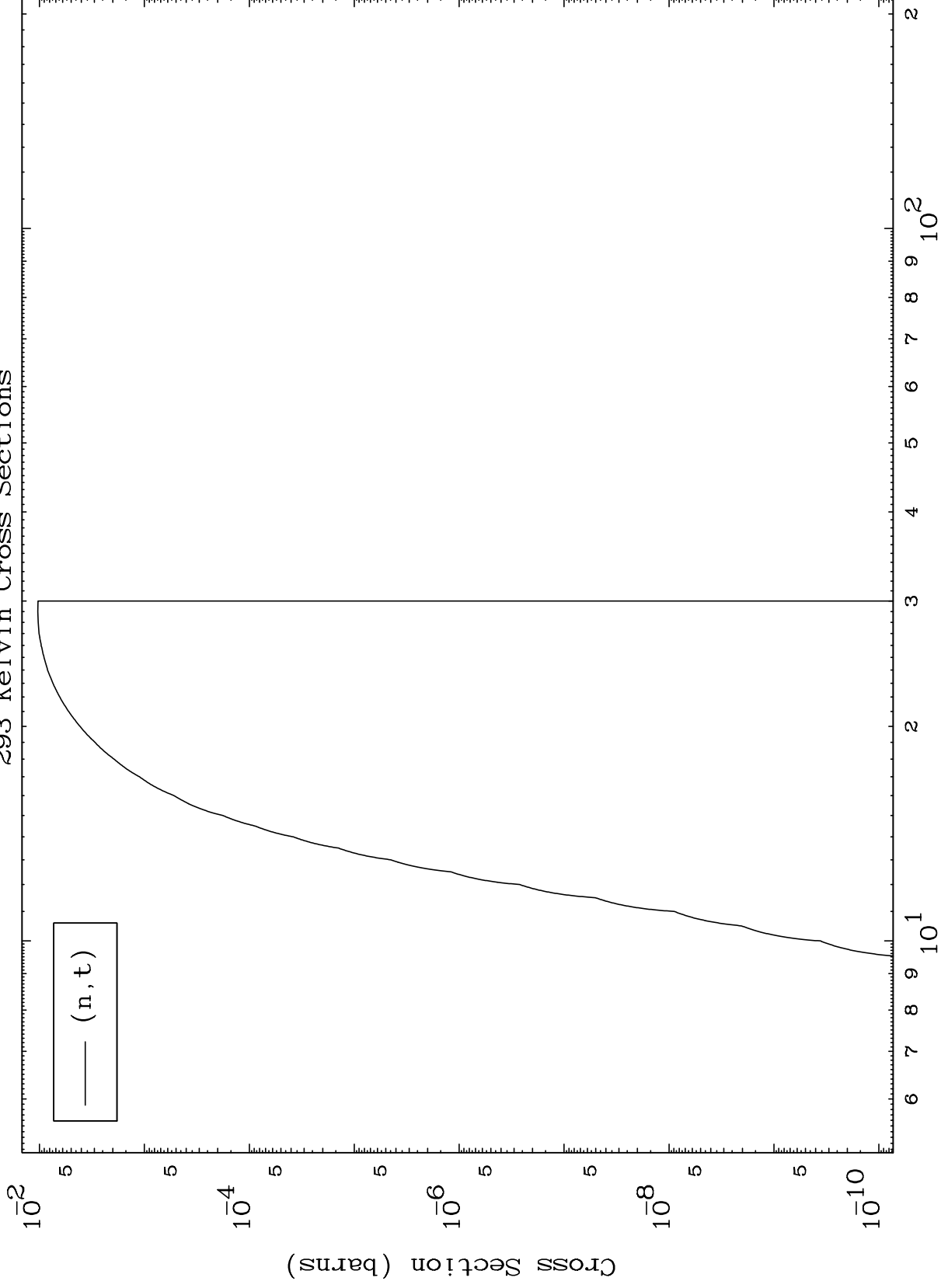
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-129



12

Incident Energy (MeV)

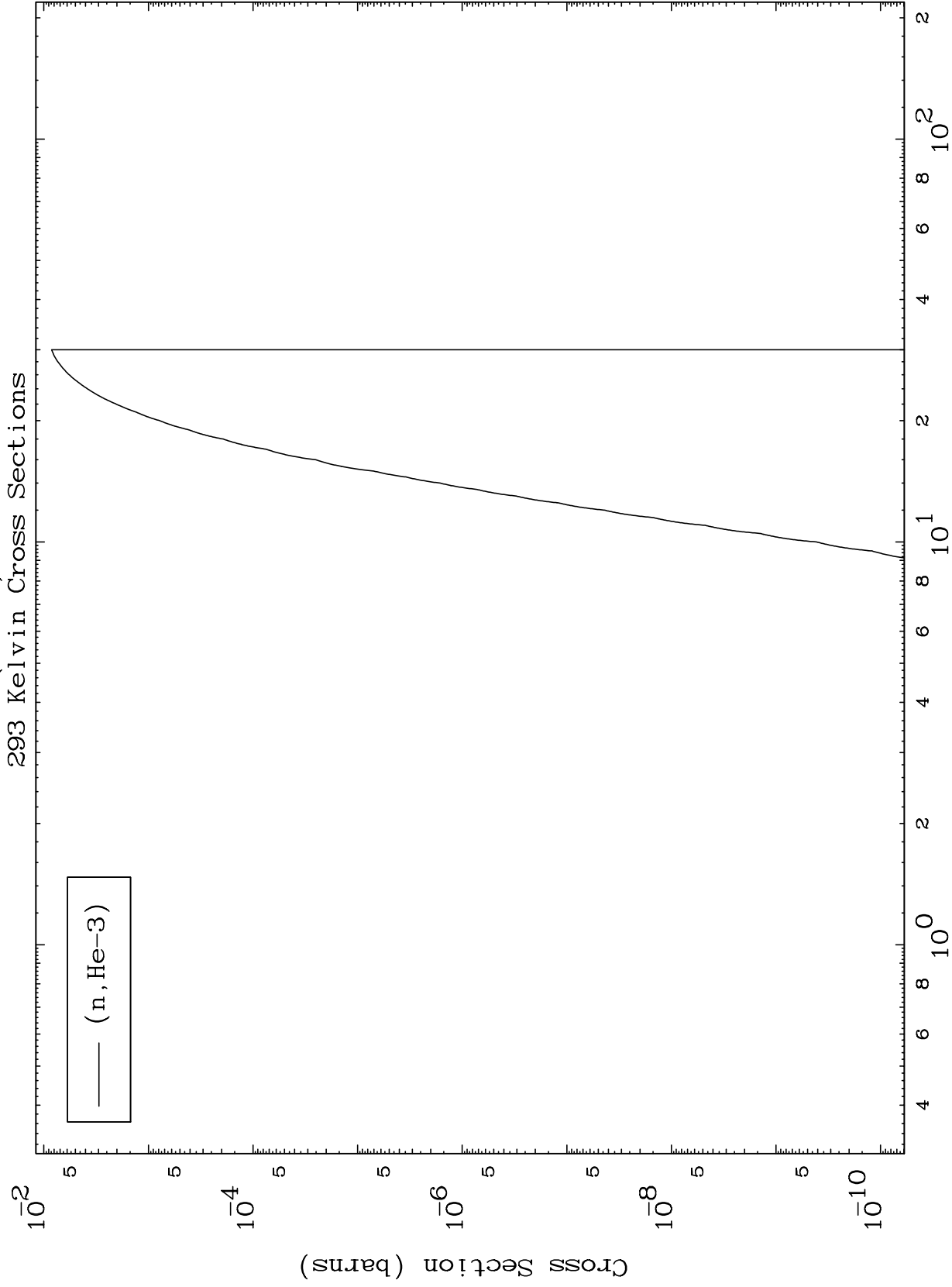
58-Ce-129

MAT 5804

(n,He3) Levels

58-Ce-129

293 Kelvin Cross Sections



13

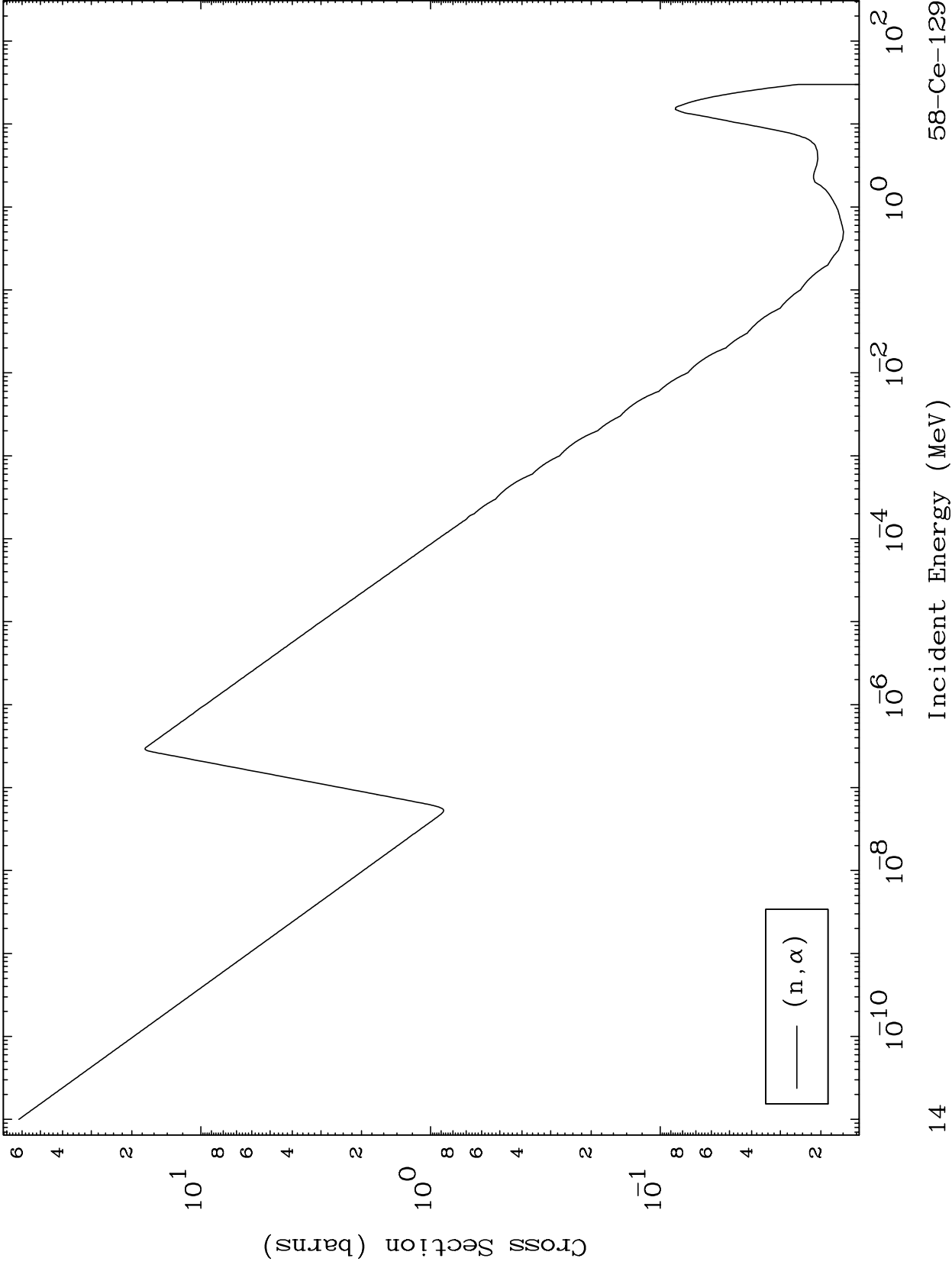
Incident Energy (MeV)

58-Ce-129

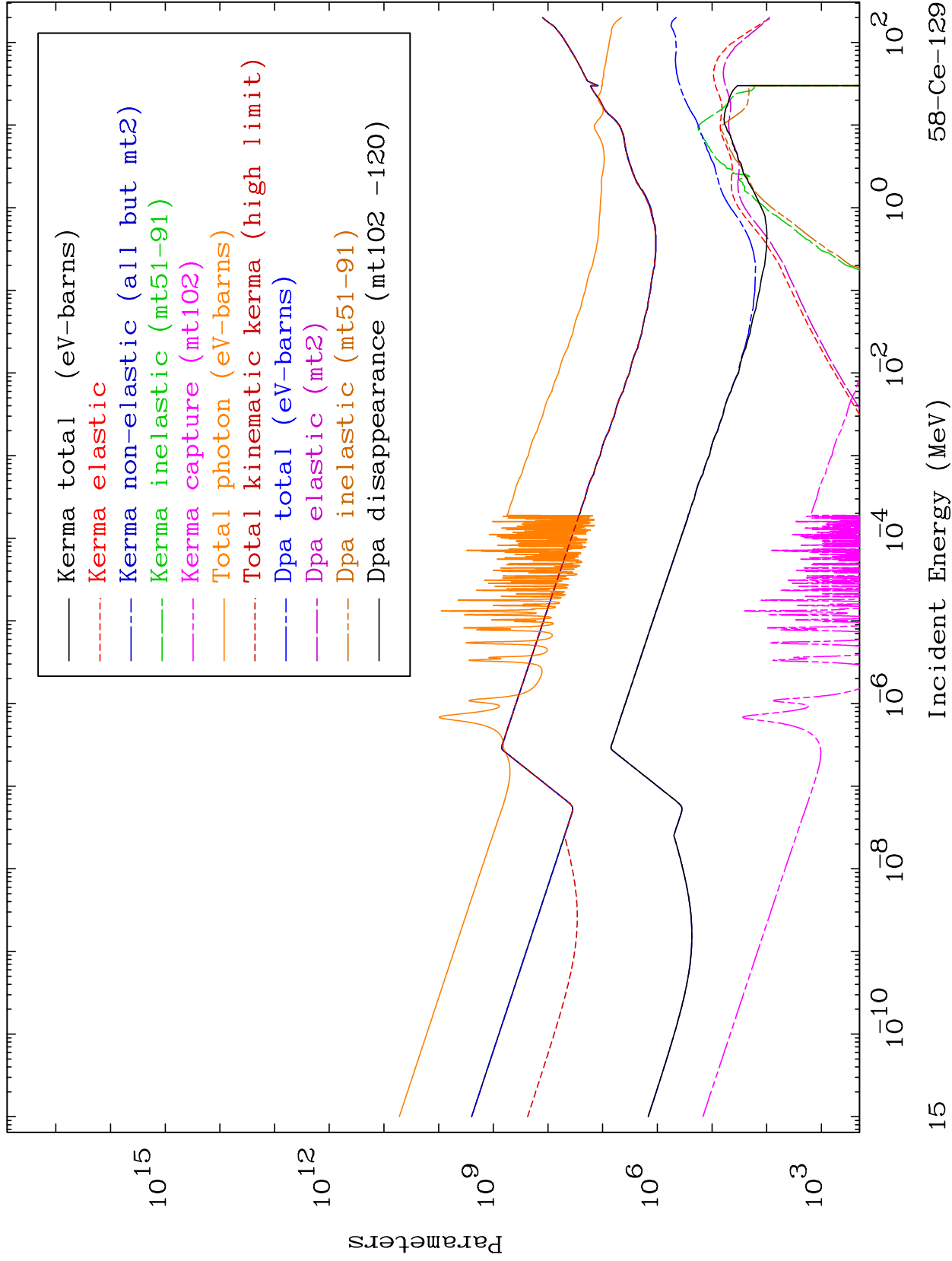
MAT 5804

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-129



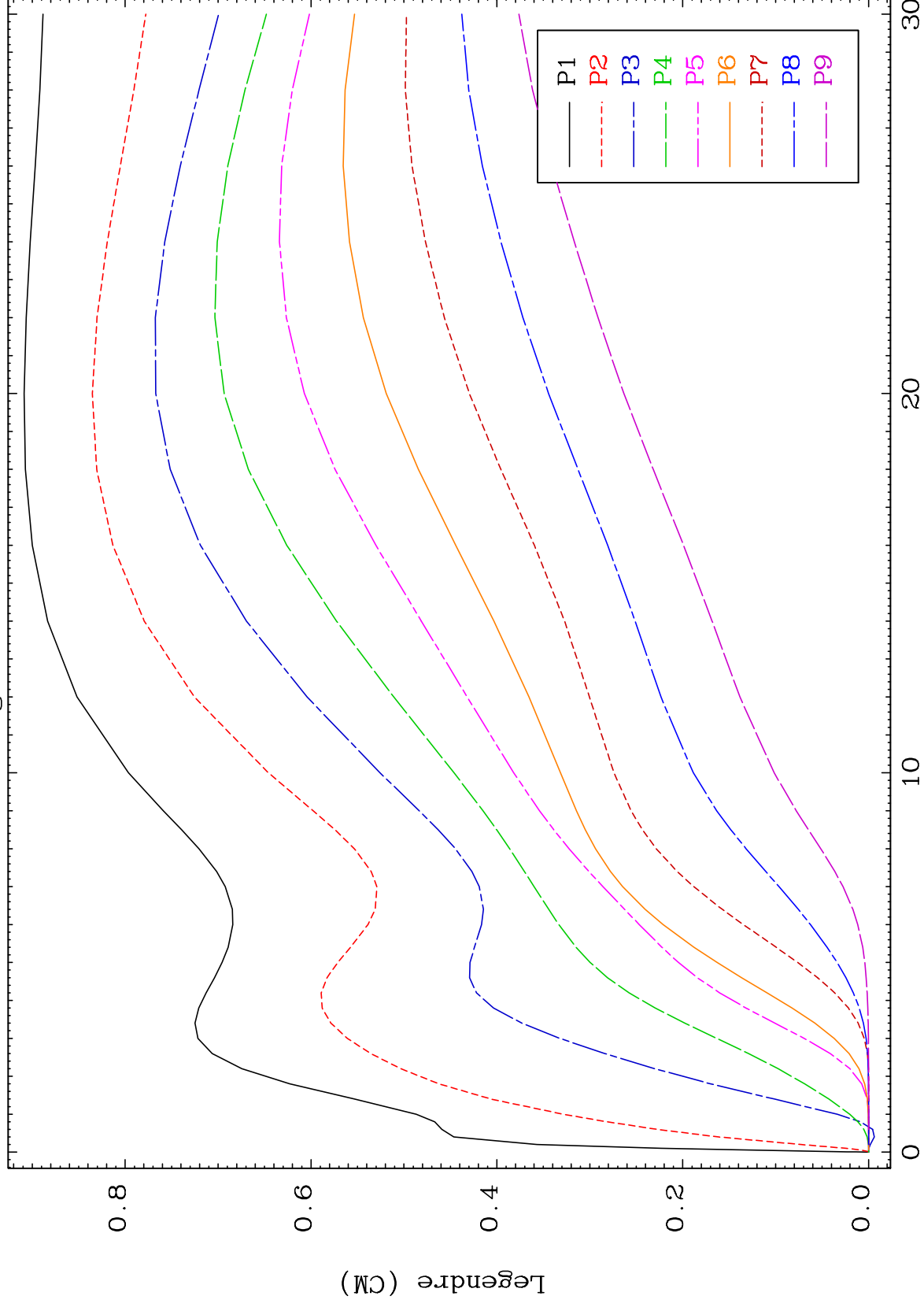
58-Ce-129



MAT 5804

Elastic Legendre Coefficients

58-Ce-129



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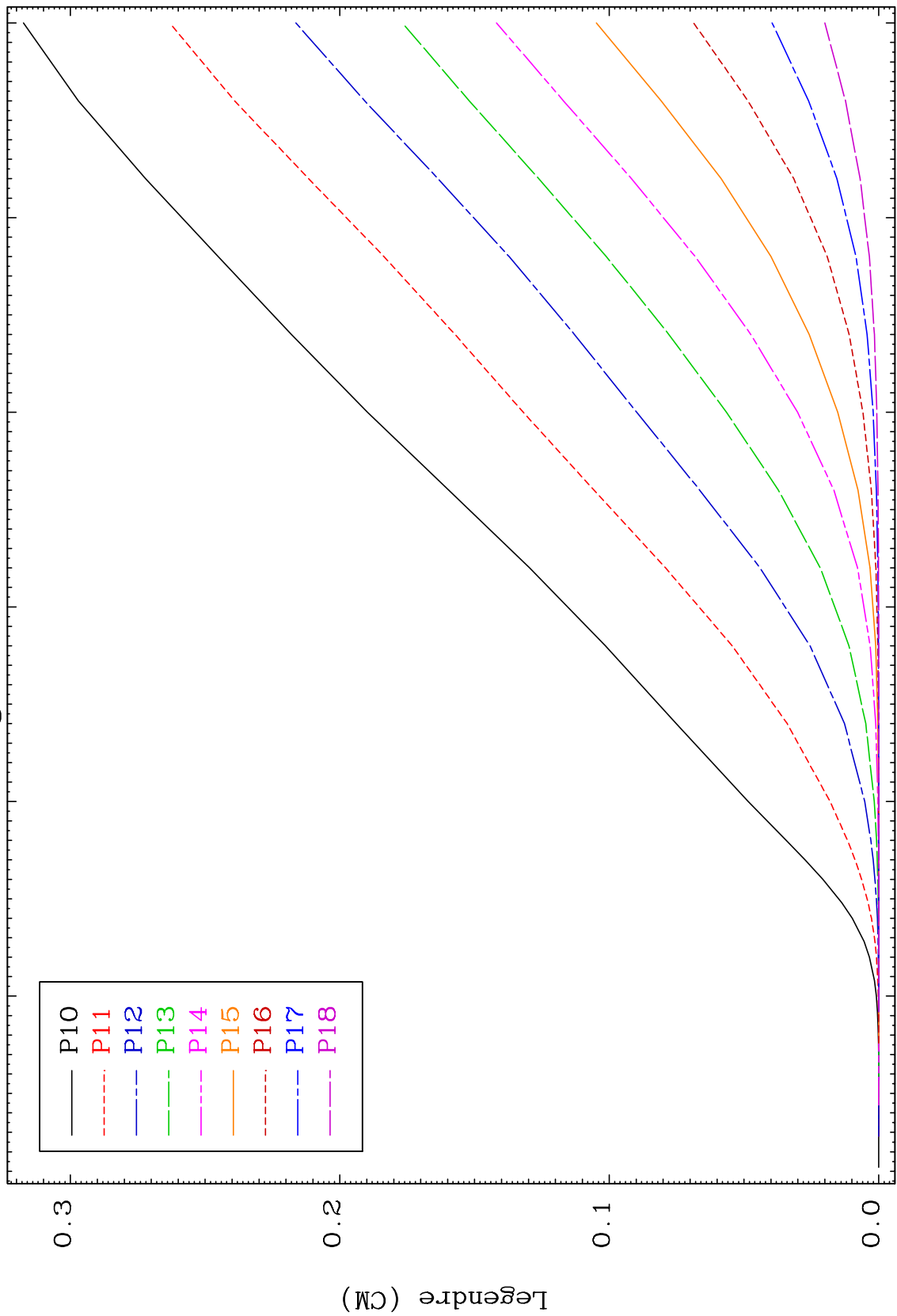
Incident Energy (MeV)

58-Ce-129

MAT 5804

Elastic Legendre Coefficients

58-Ce-129



17

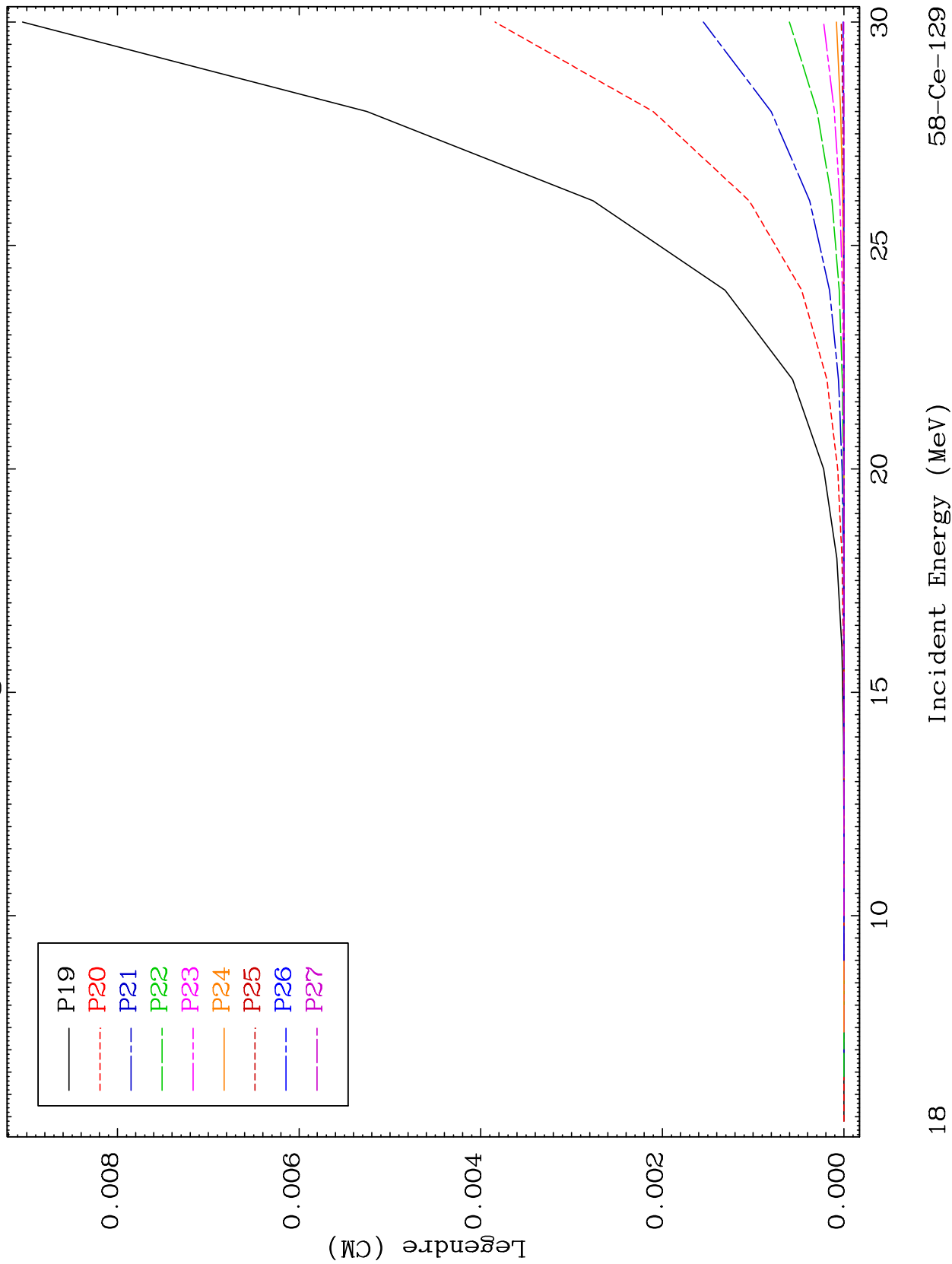
Incident Energy (MeV)

58-Ce-129

MAT 5804

Elastic Legendre Coefficients

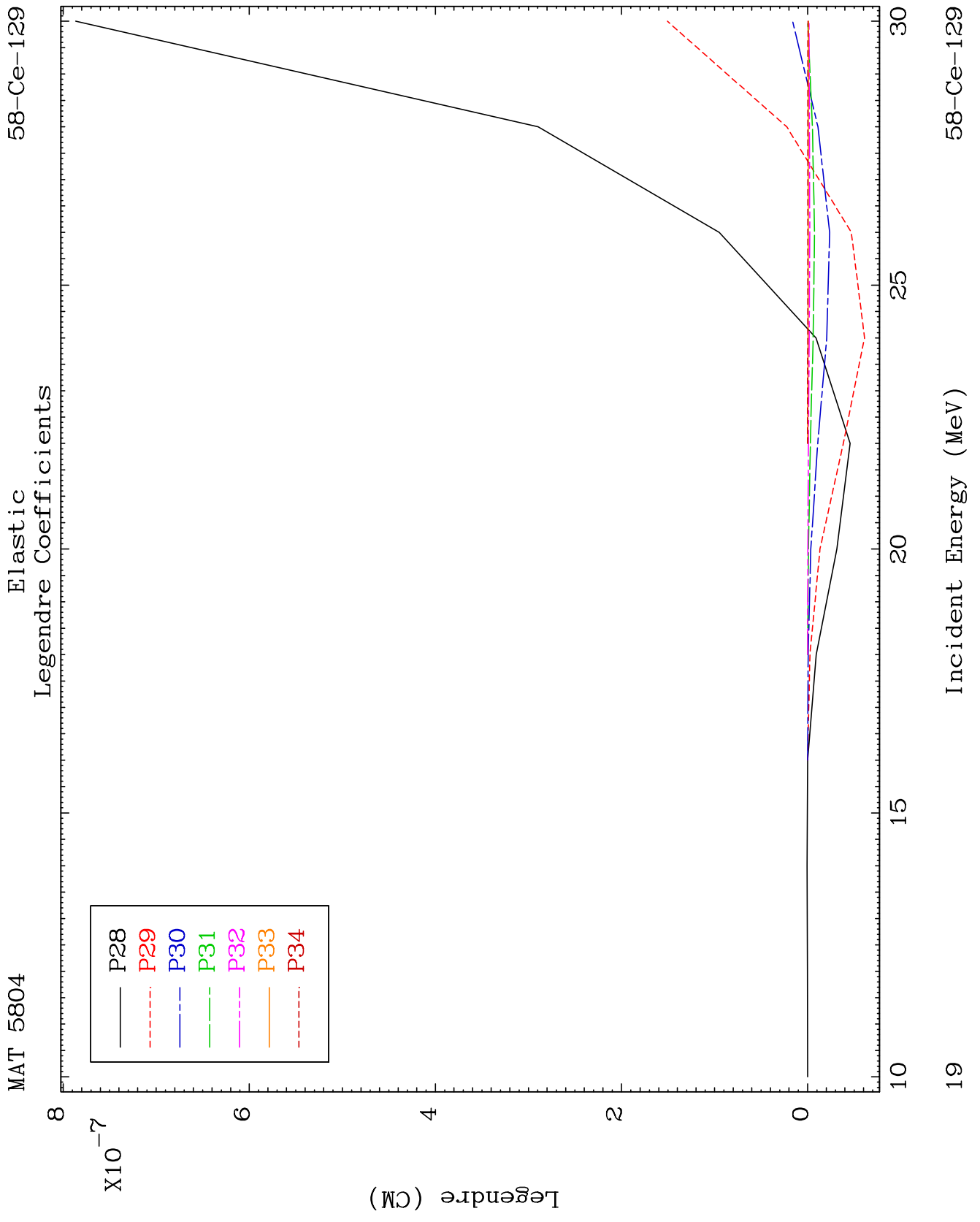
58-Ce-129

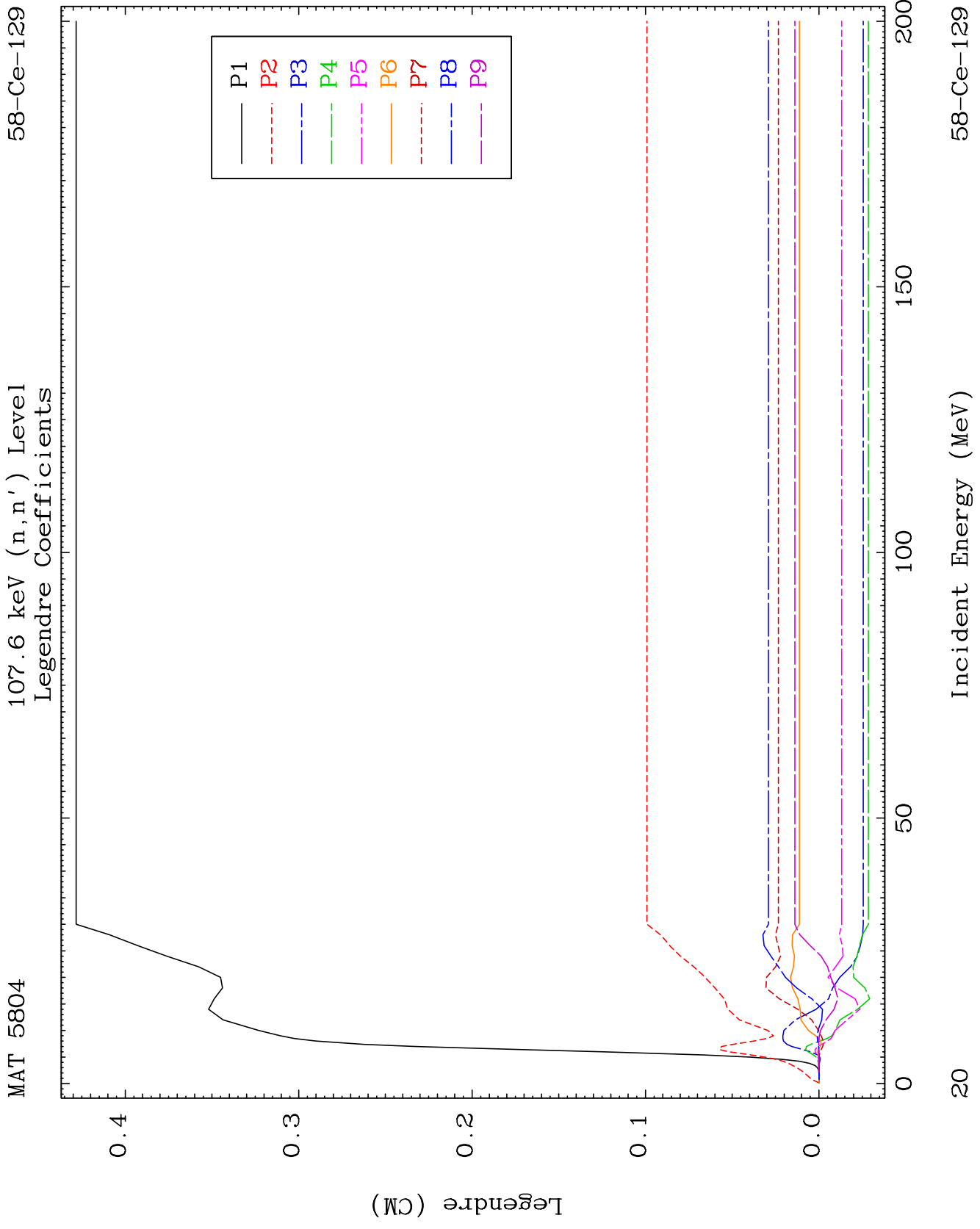


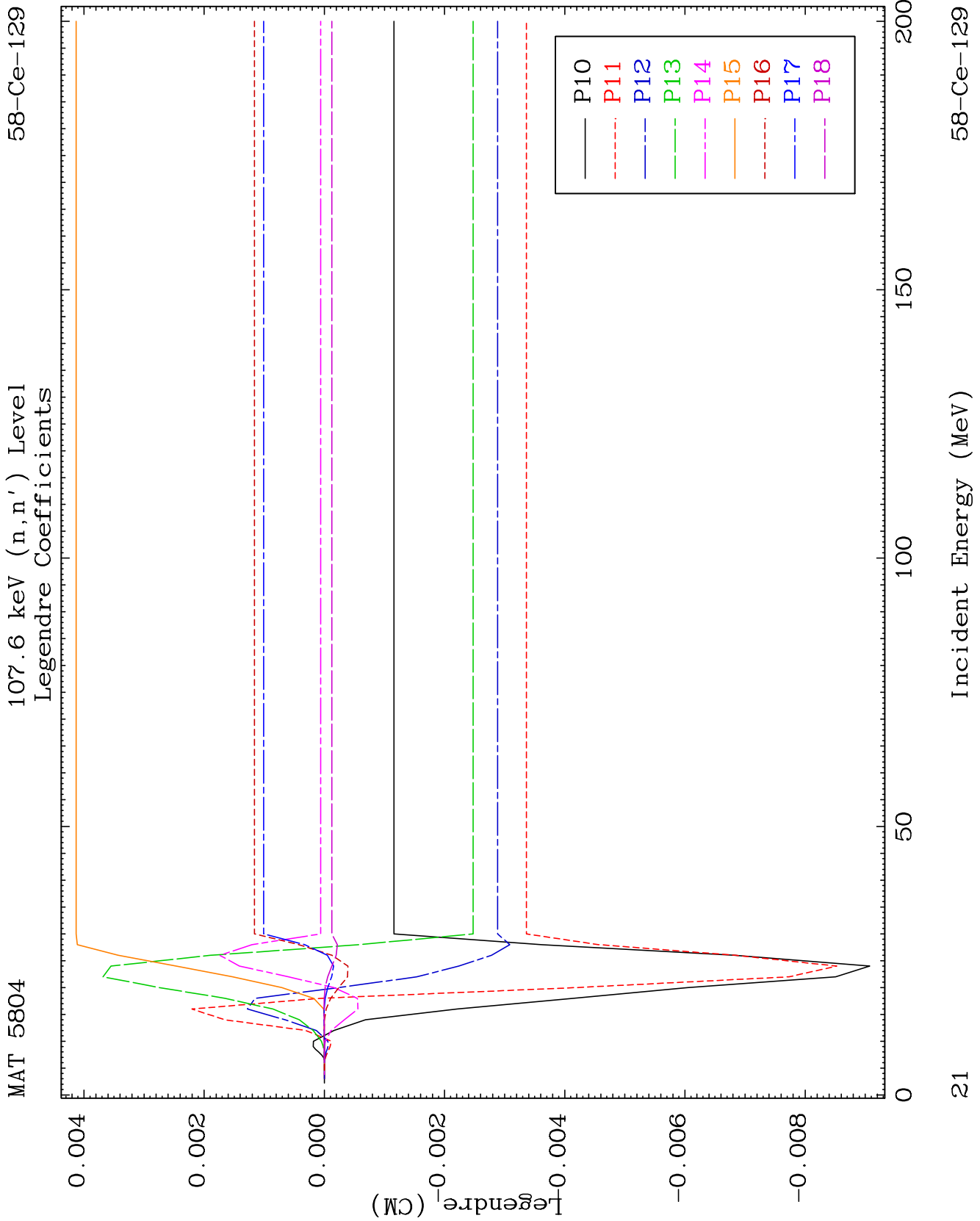
18

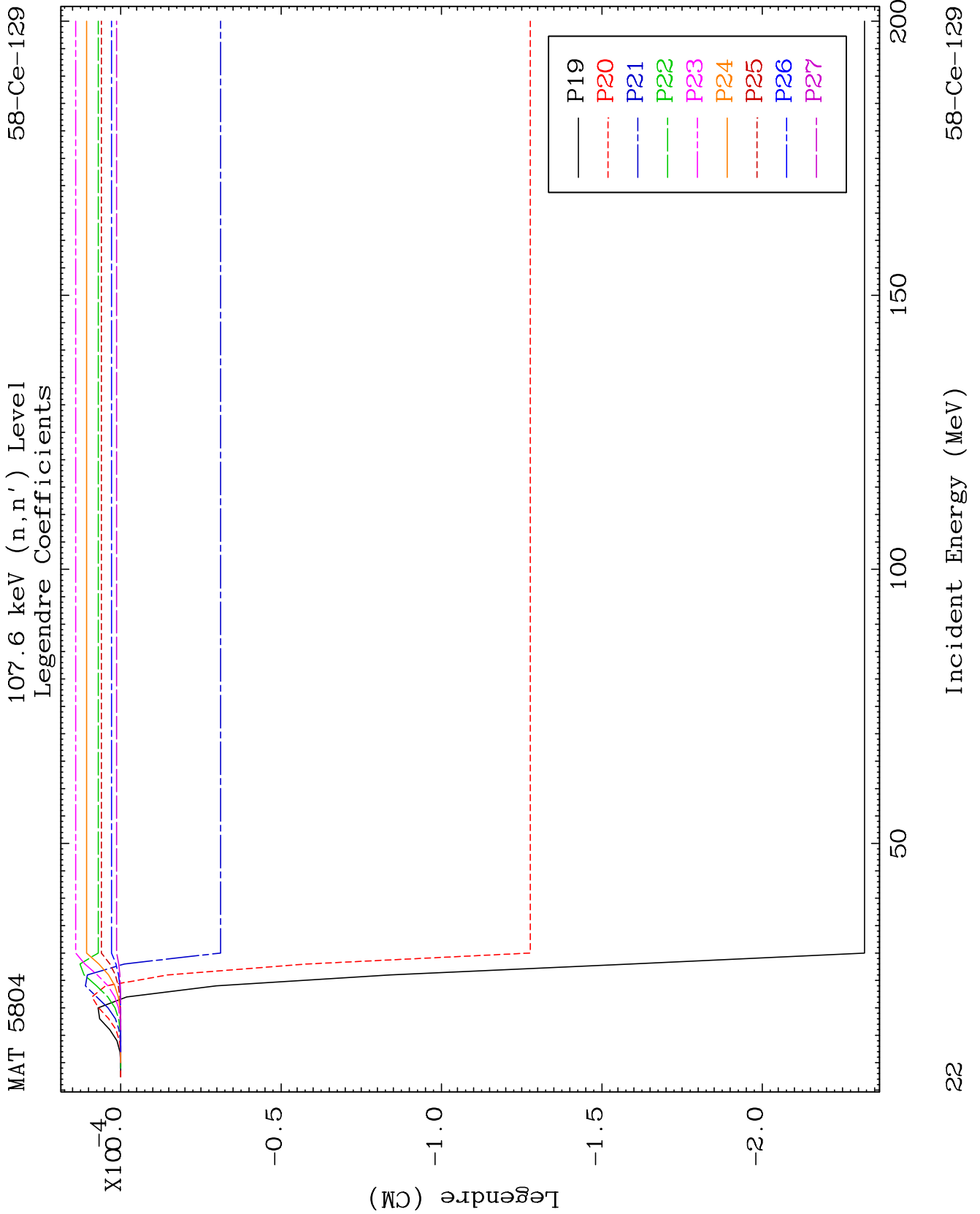
Incident Energy (MeV)

58-Ce-129





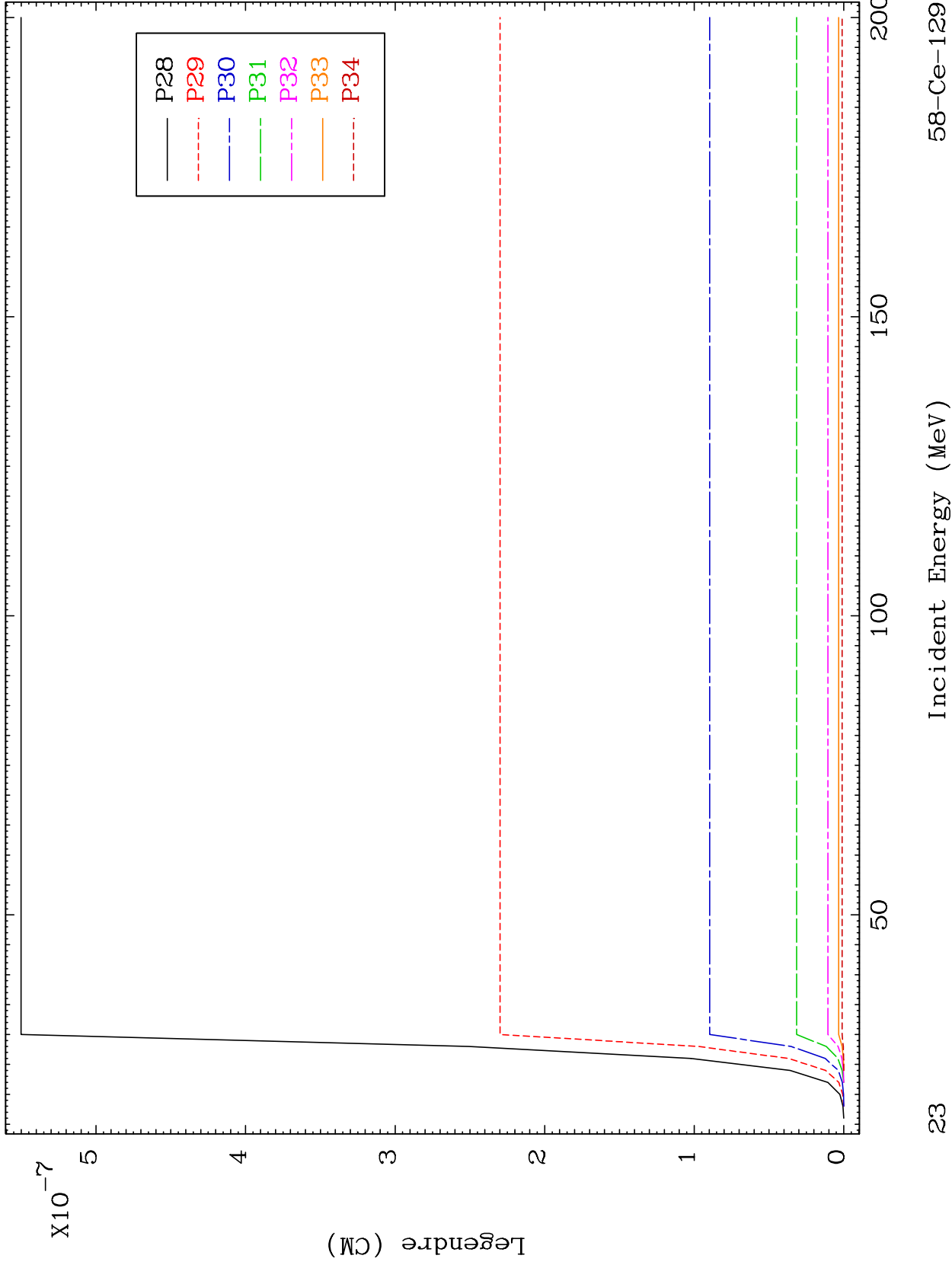




MAT 5804

107.6 keV (n,n') Level
Legendre Coefficients

58-Ce-129



23

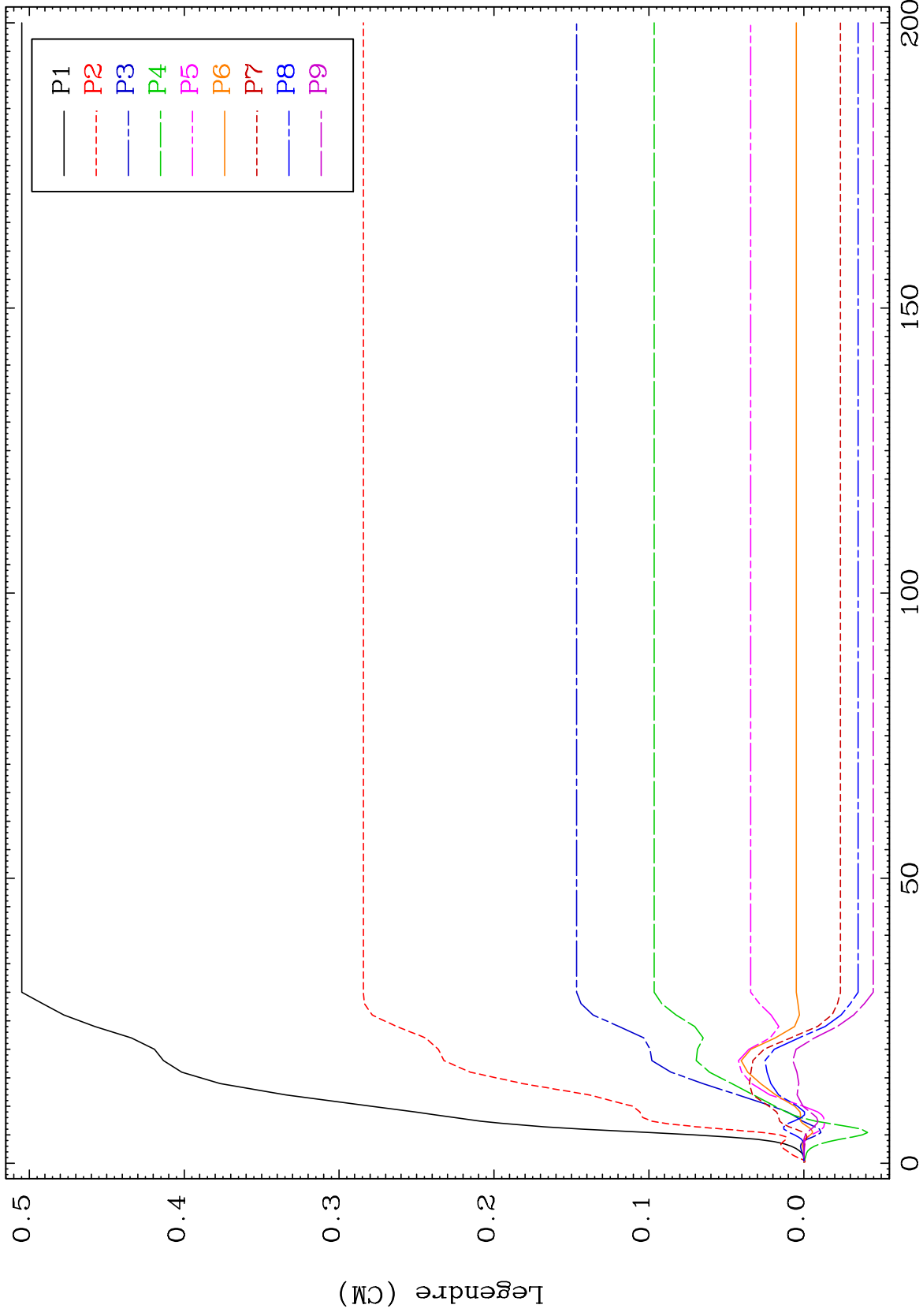
Incident Energy (MeV)

58-Ce-129

MAT 5804

144.4 keV (n,n') Level
Legendre Coefficients

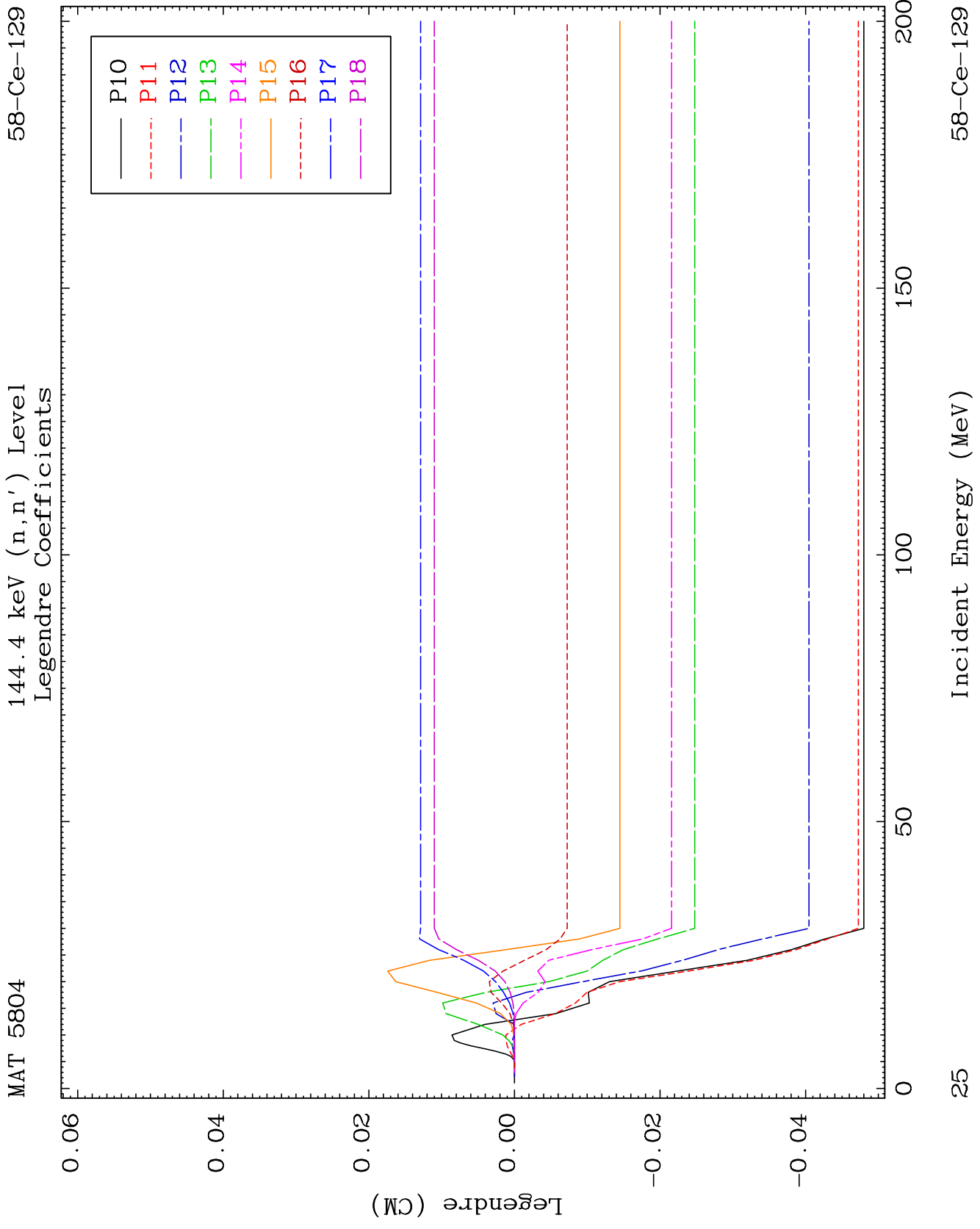
58-Ce-129



58-Ce-129

Incident Energy (MeV)

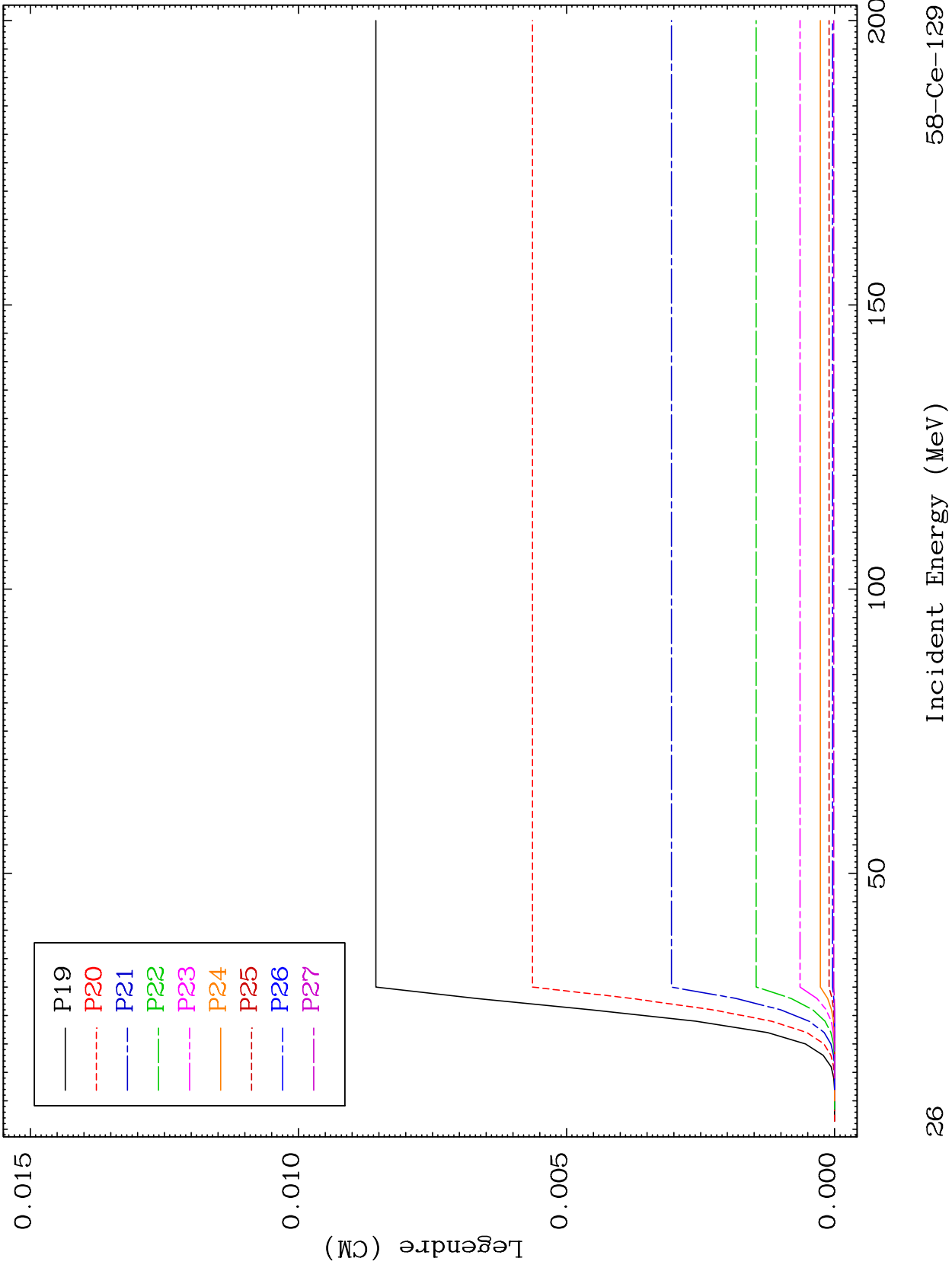
24



MAT 5804

144.4 keV (n,n') Level
Legendre Coefficients

58-Ce-129

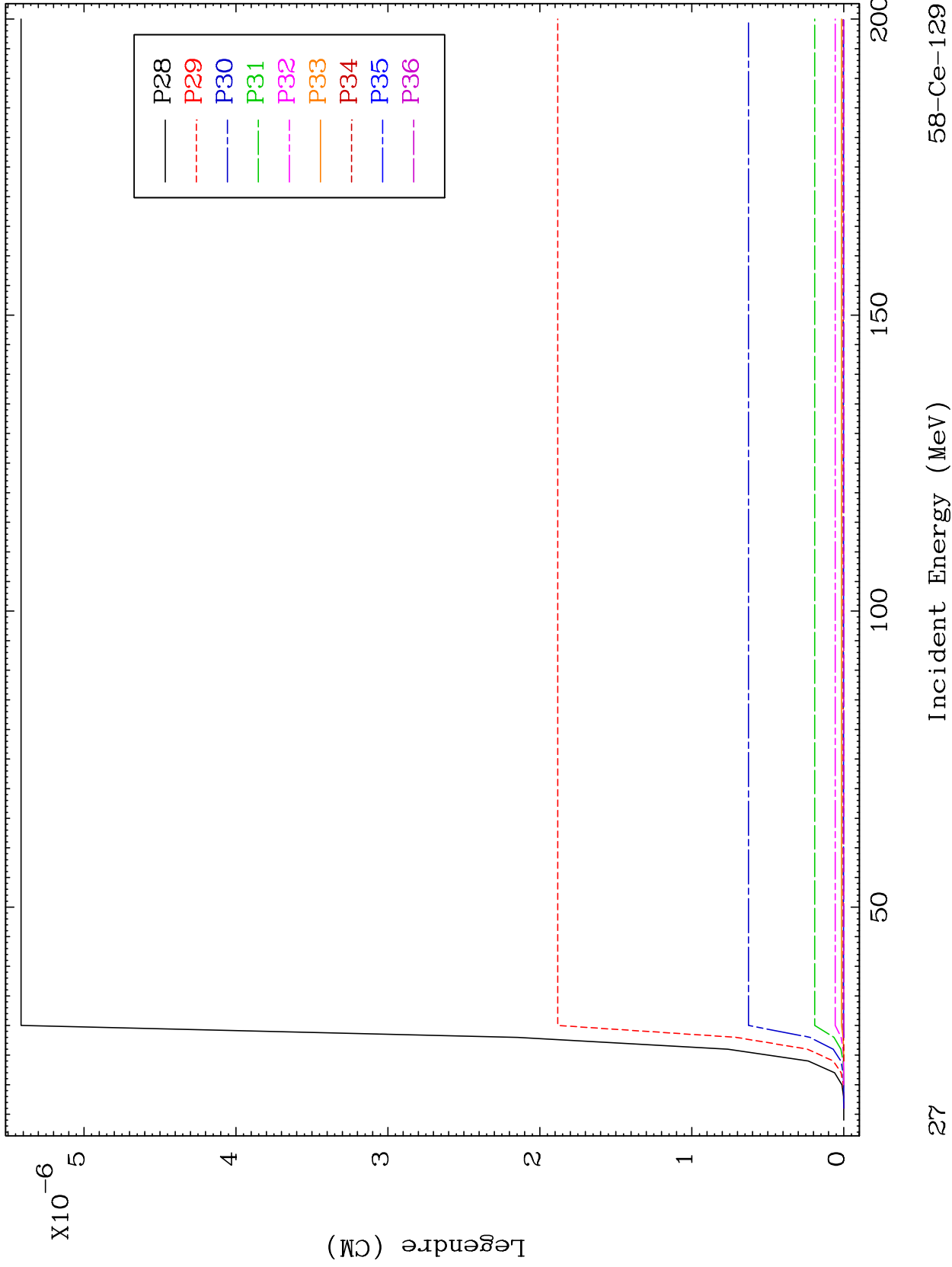


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MAT 5804

144.4 keV (n, n') Level
Legendre Coefficients

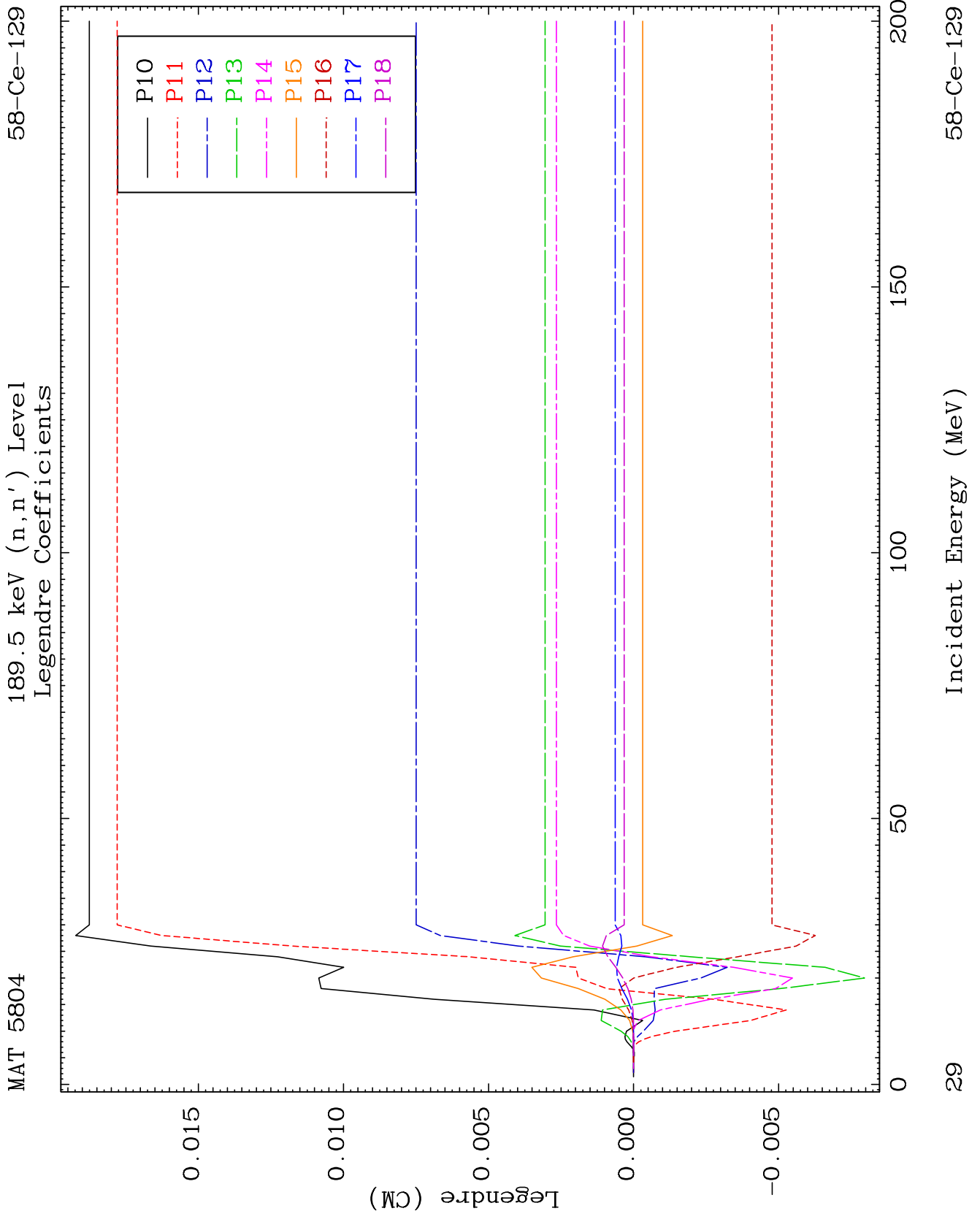
58-Ce-129

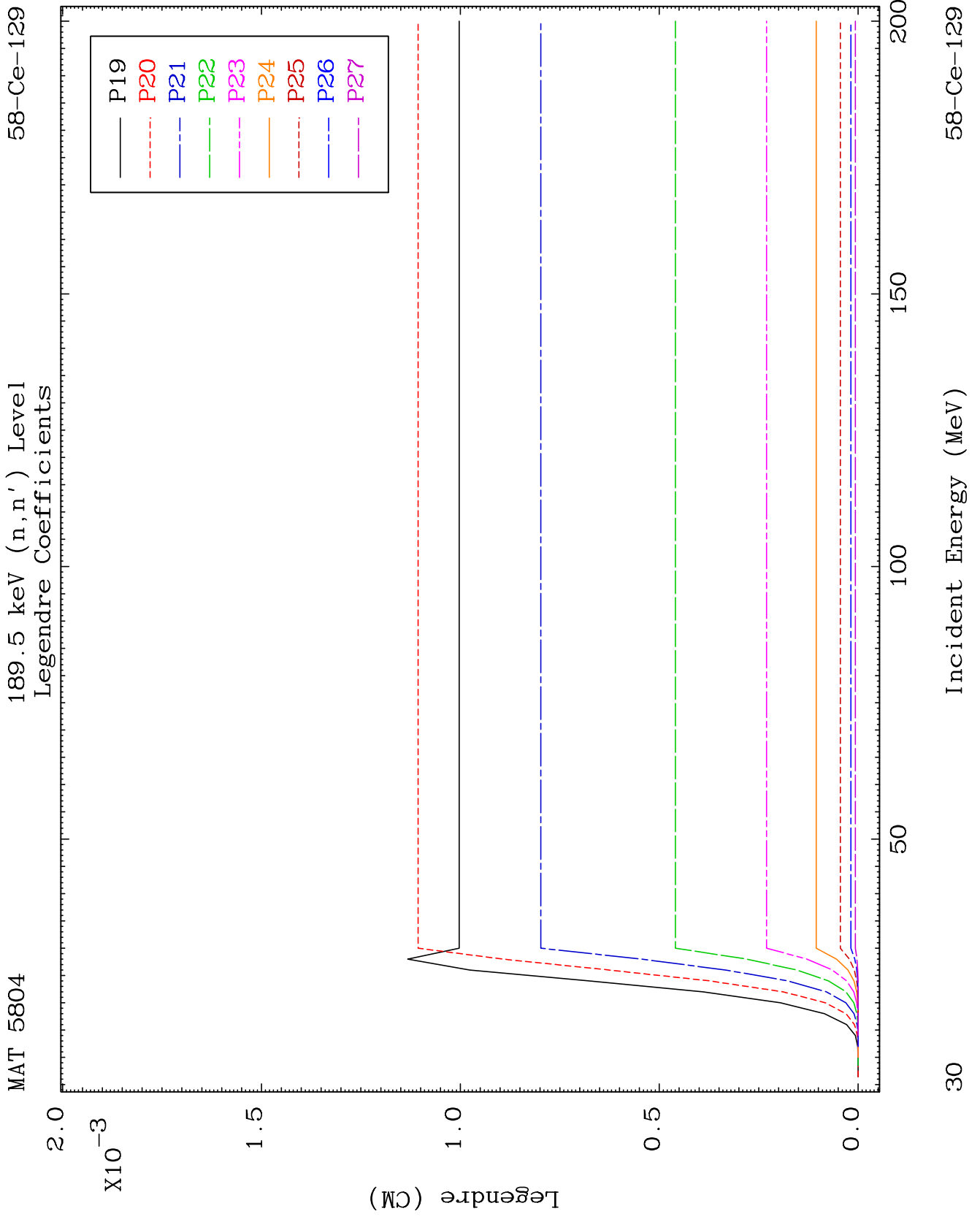


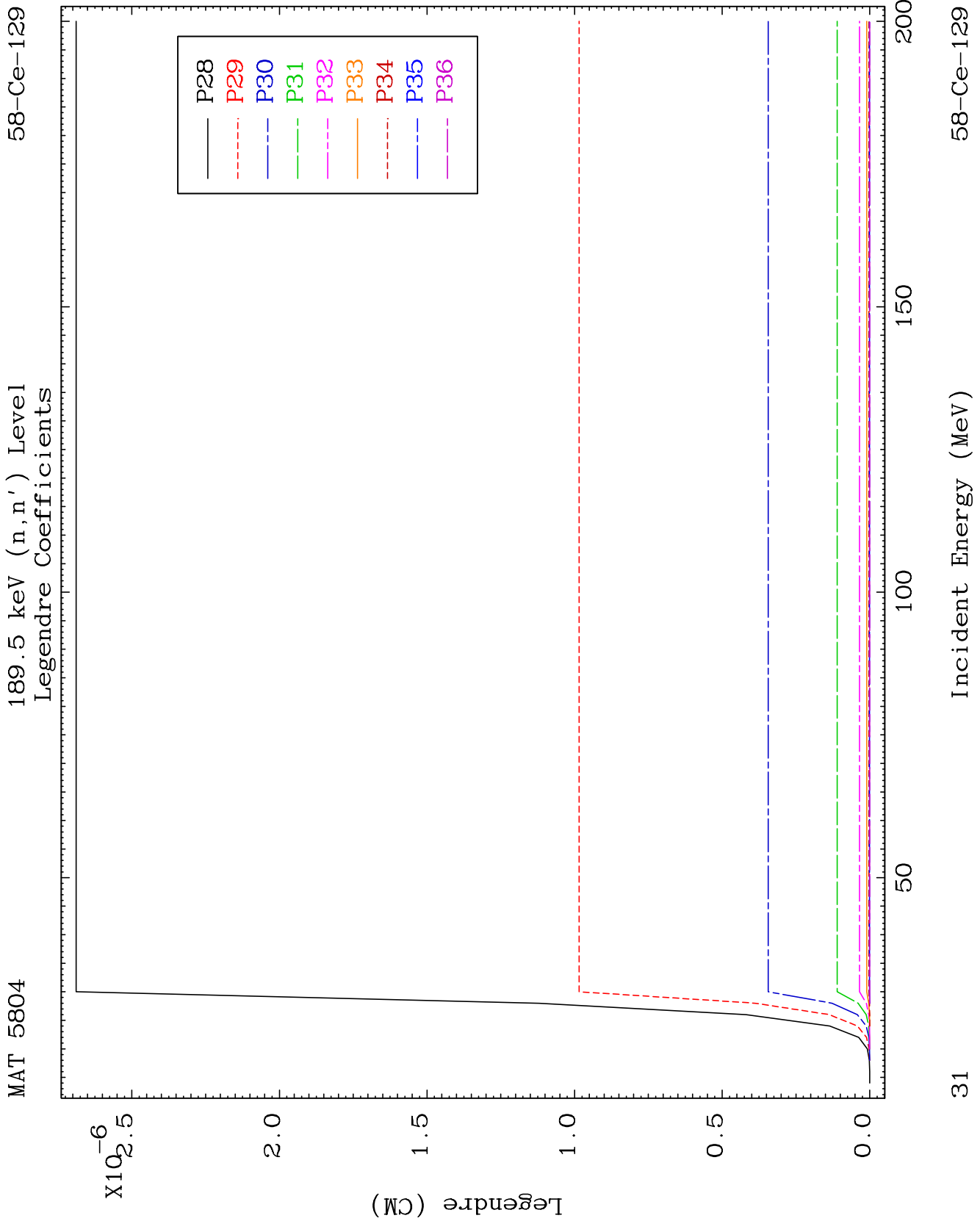
27

Incident Energy (MeV)

58-Ce-129



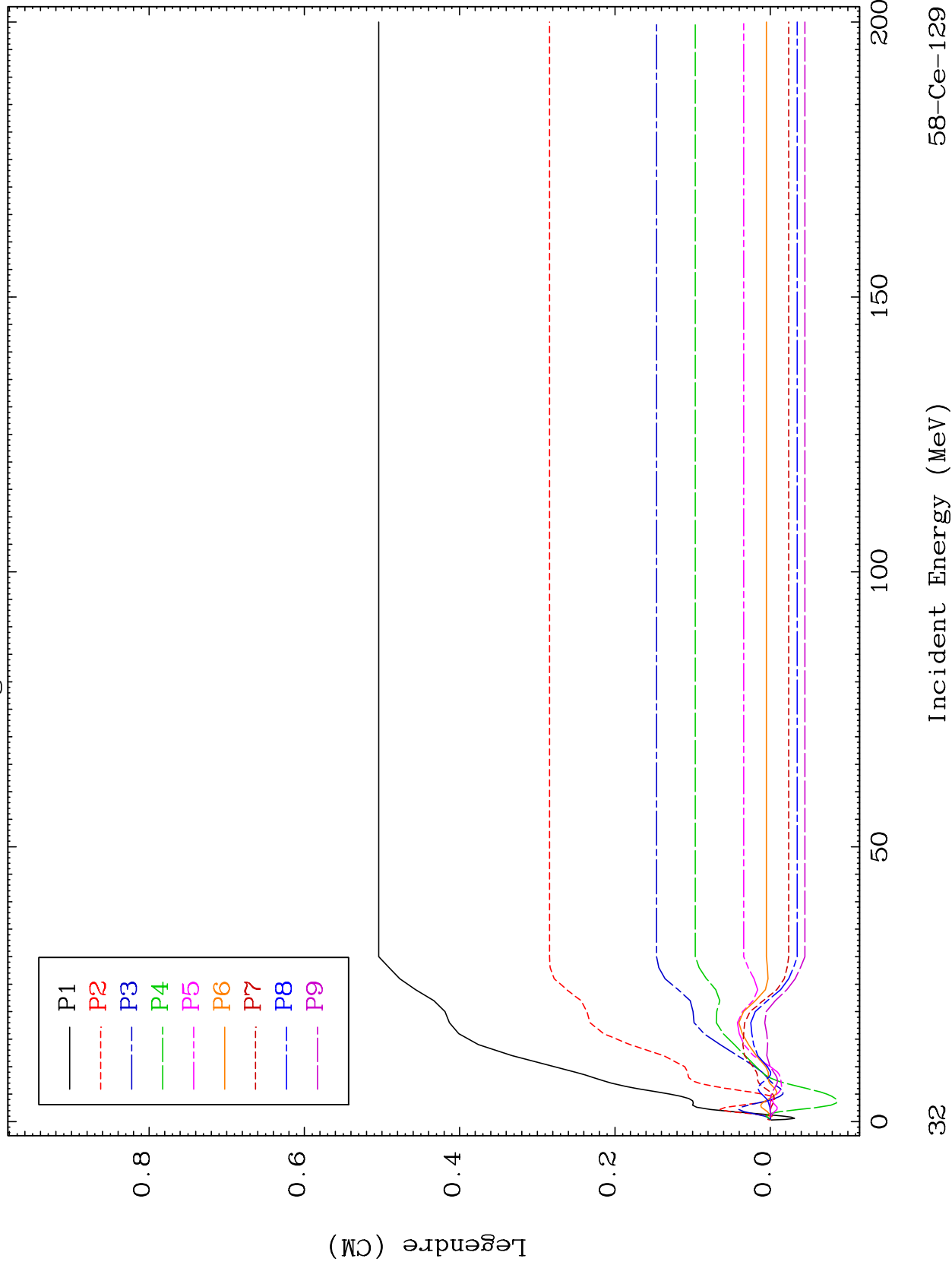




MAT 5804

279.0 keV (n,n') Level
Legendre Coefficients

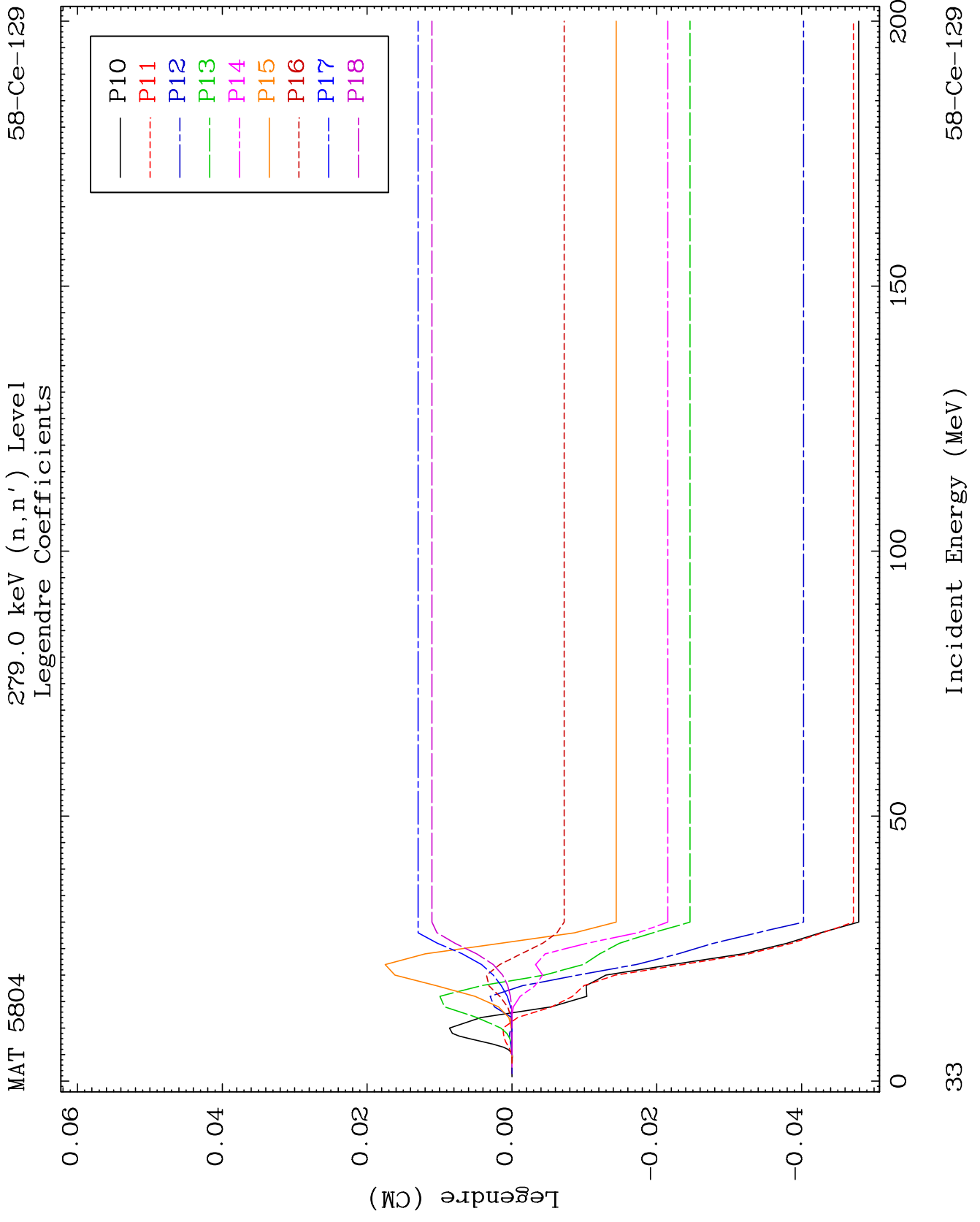
58-Ce-129



58-Ce-129

Incident Energy (MeV)

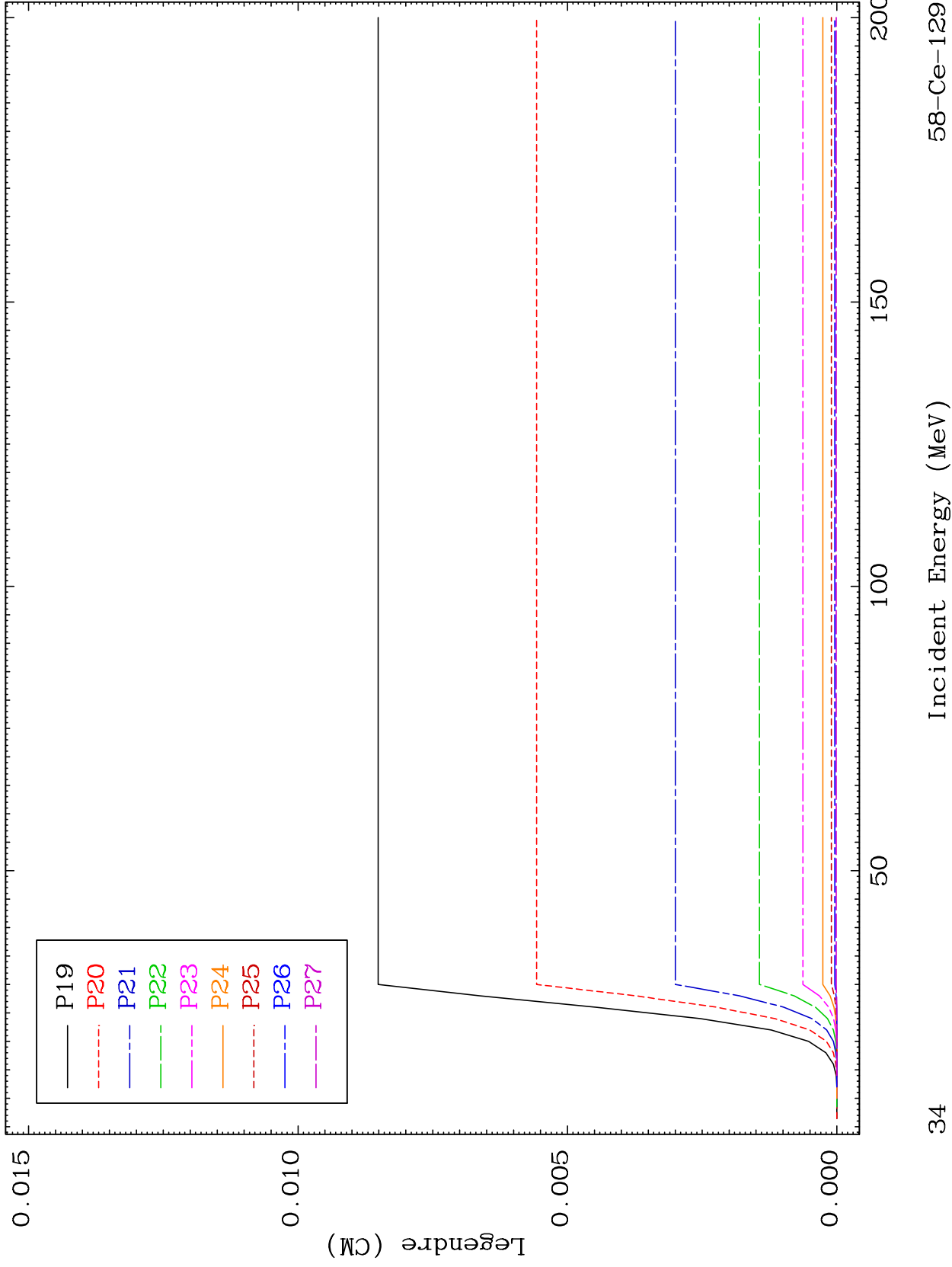
32



MAT 5804

279.0 keV (n,n') Level
Legendre Coefficients

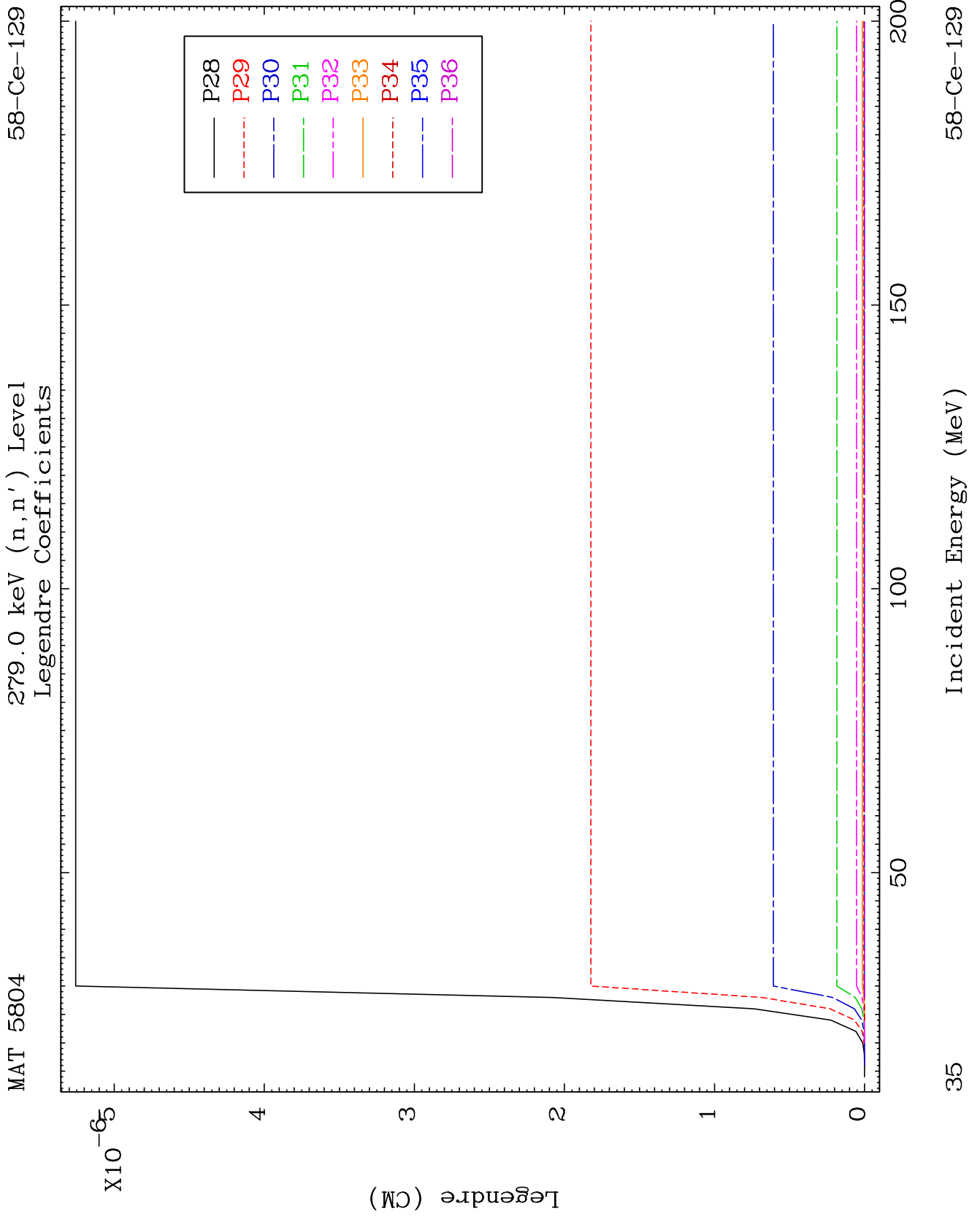
58-Ce-129

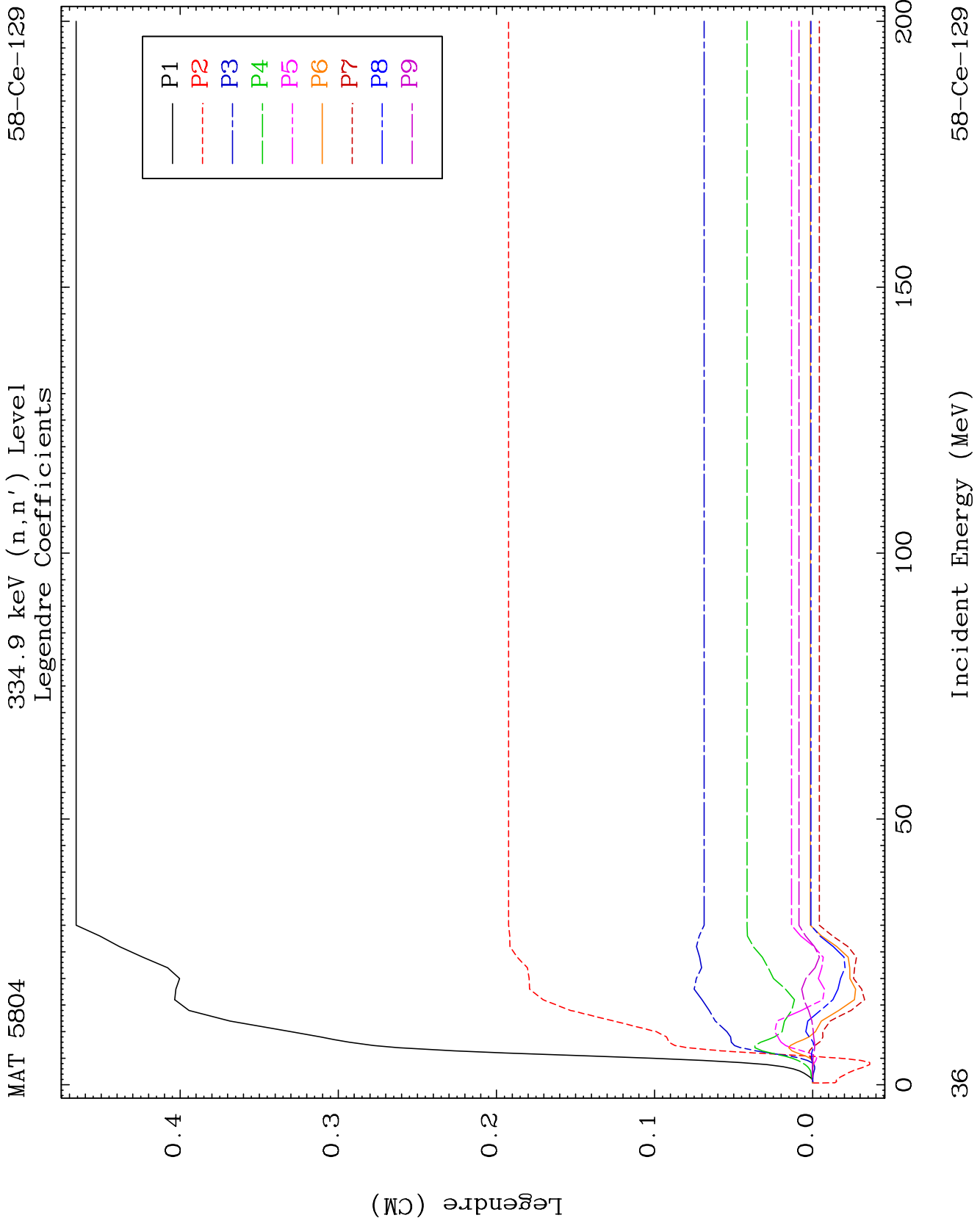


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Incident Energy (MeV)

58-Ce-129

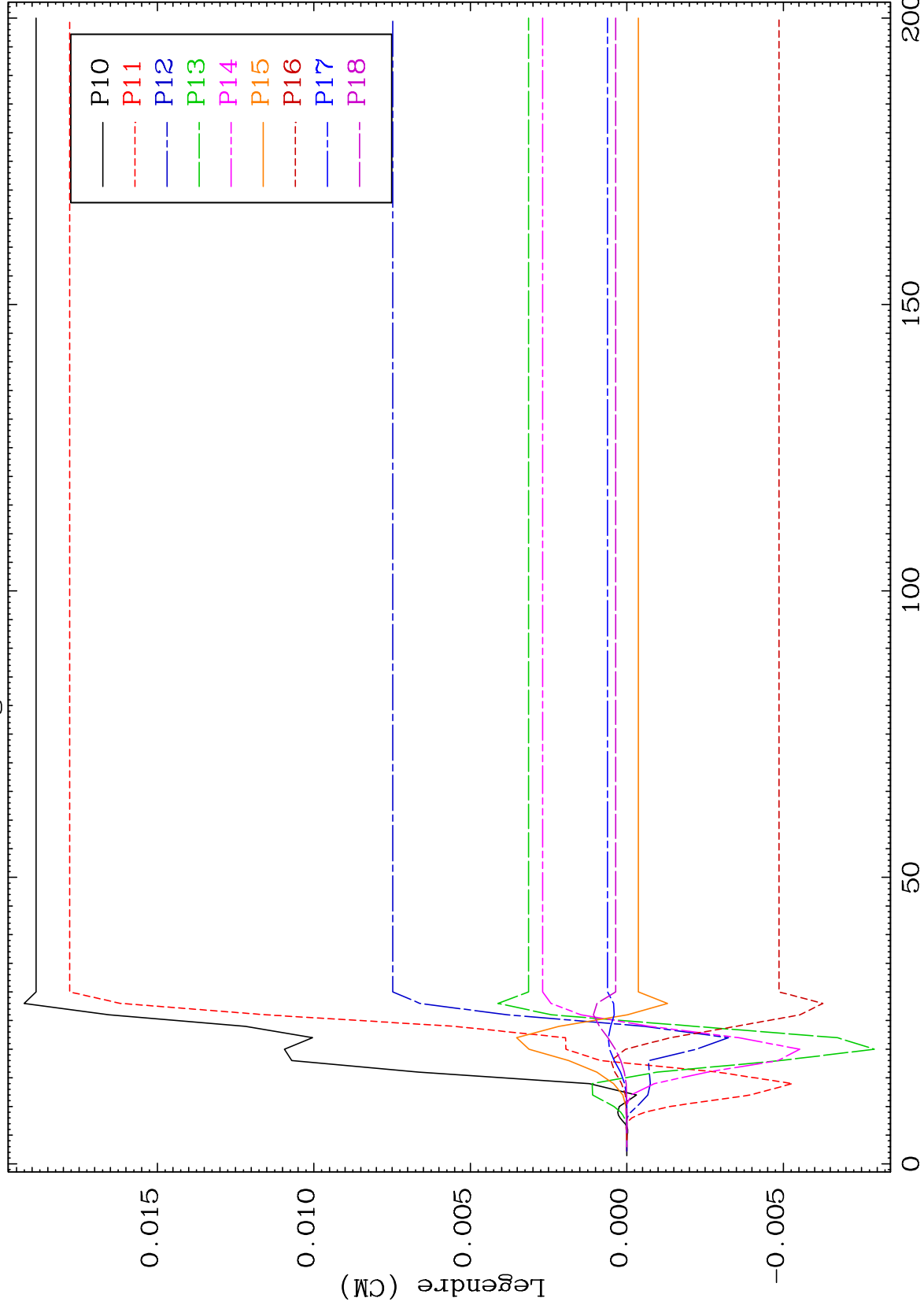




MAT 5804

334.9 keV (n,n') Level
Legendre Coefficients

58-Ce-129



37

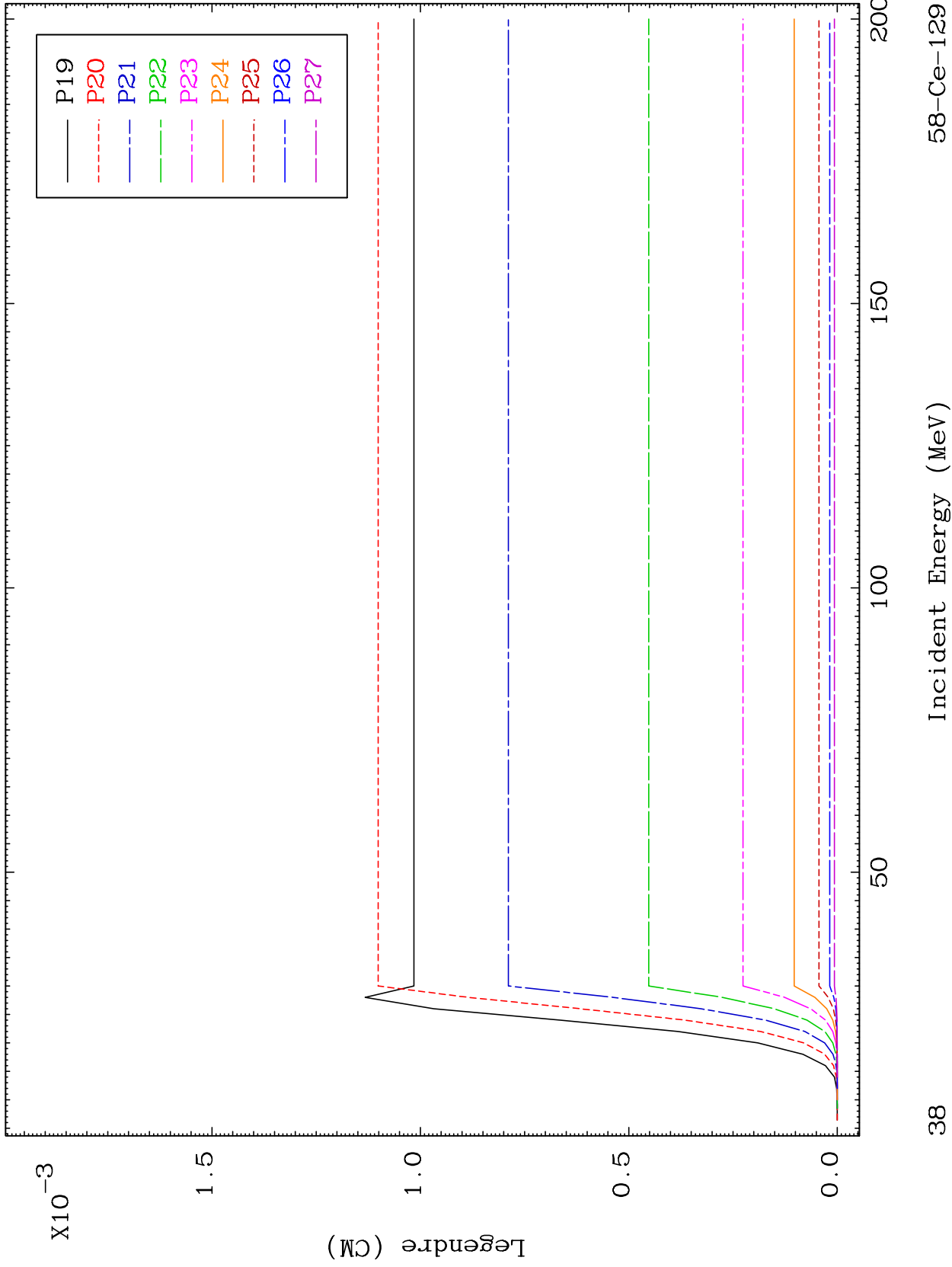
Incident Energy (MeV)

58-Ce-129

MAT 5804

334.9 keV (n,n') Level
Legendre Coefficients

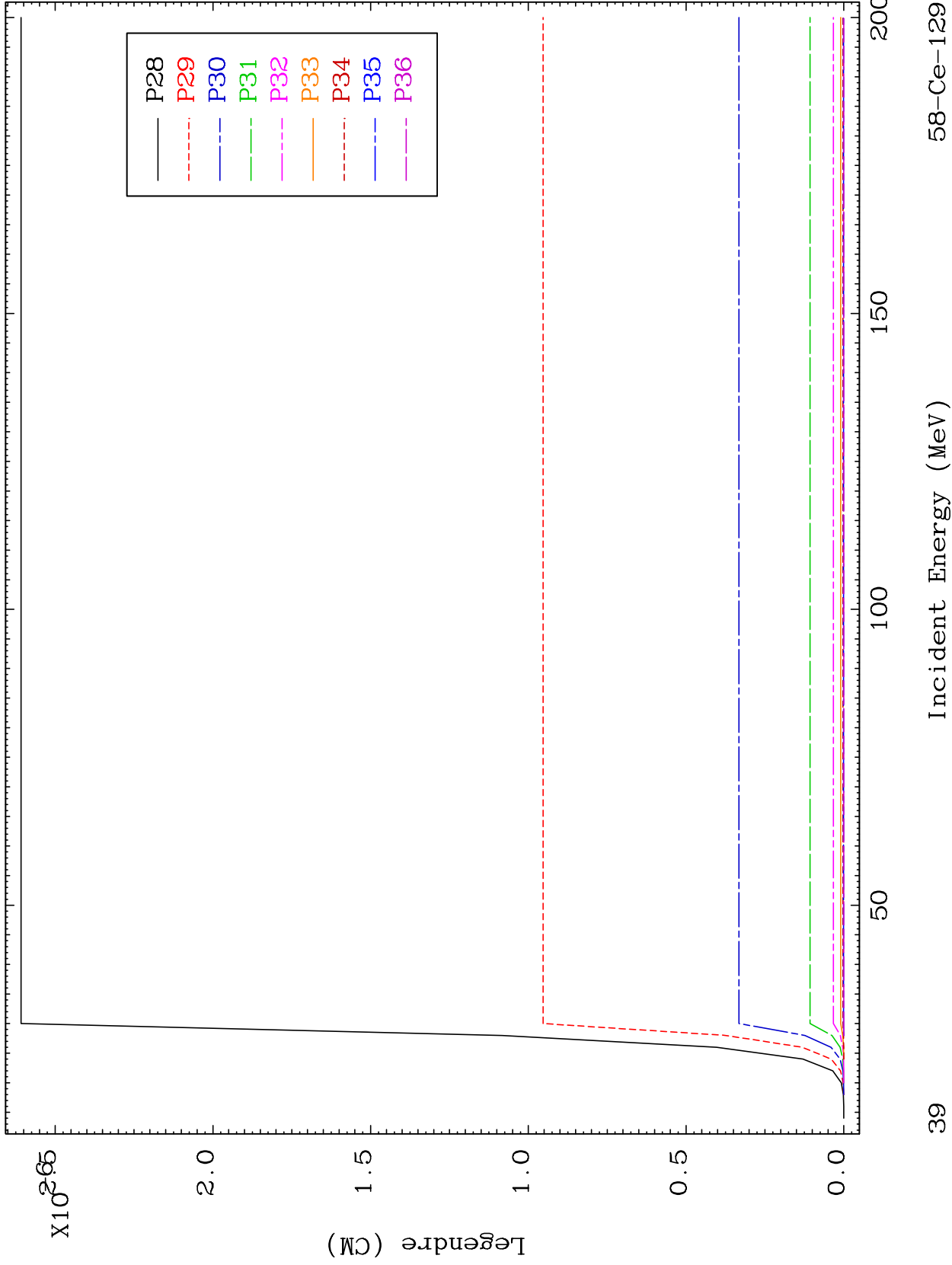
58-Ce-129



MAT 5804

334.9 keV (n,n') Level
Legendre Coefficients

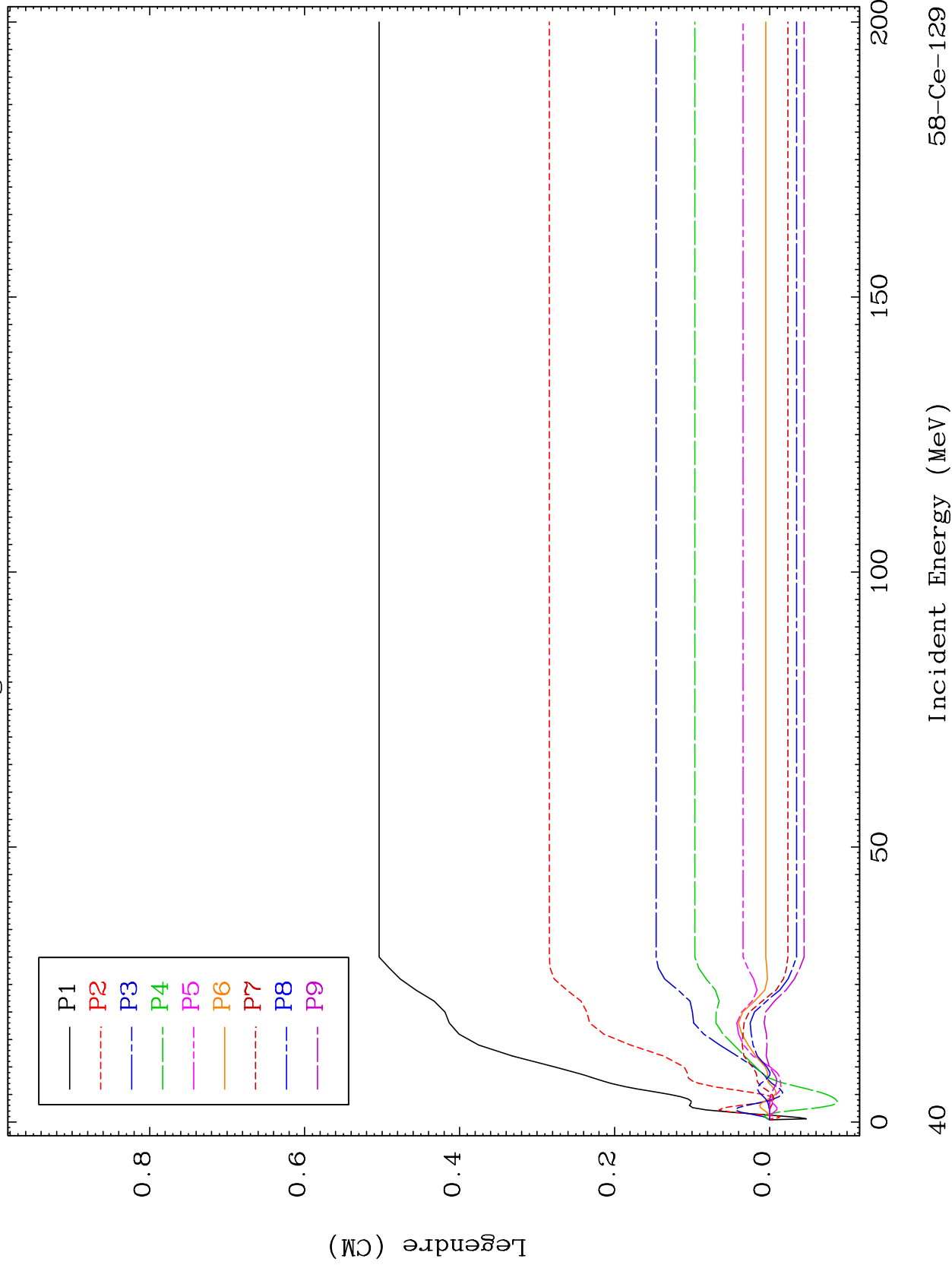
58-Ce-129



MAT 5804

347.7 keV (n,n') Level
Legendre Coefficients

58-Ce-129



58-Ce-129

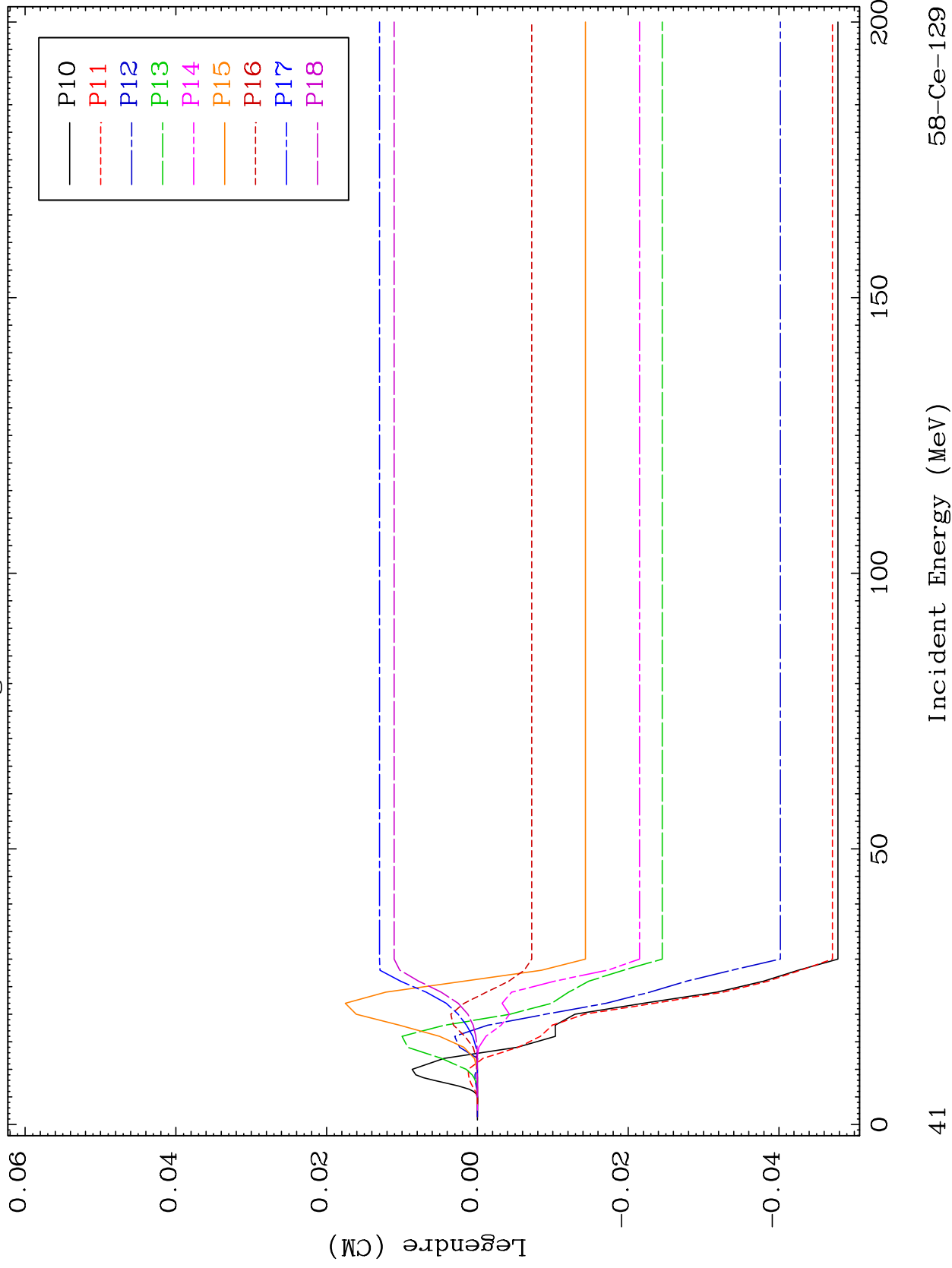
Incident Energy (MeV)

40

MAT 5804

347.7 keV (n,n') Level
Legendre Coefficients

58-Ce-129



41

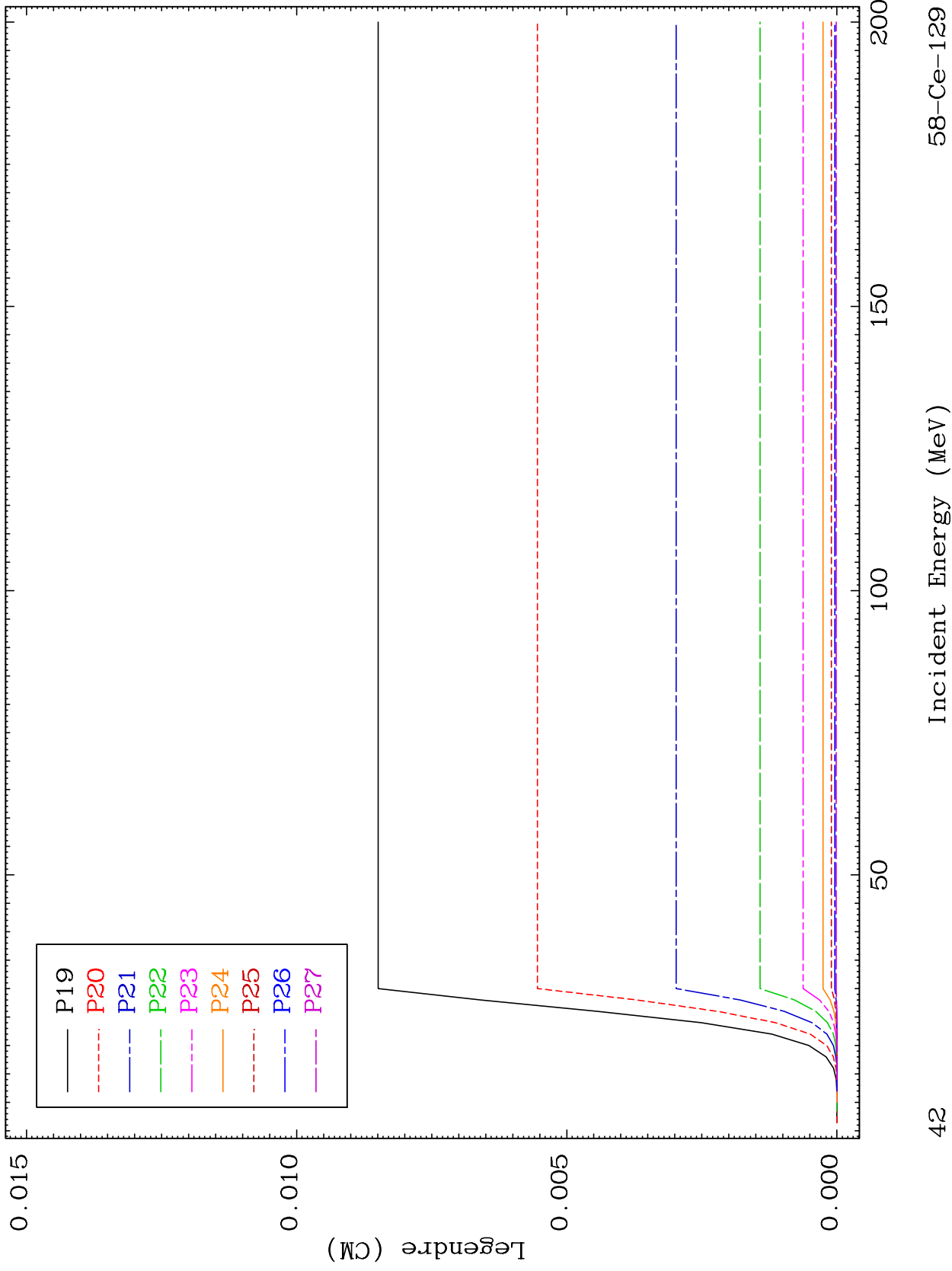
Incident Energy (MeV)

58-Ce-129

MAT 5804

347.7 keV (n, n') Level
Legendre Coefficients

58-Ce-129



42

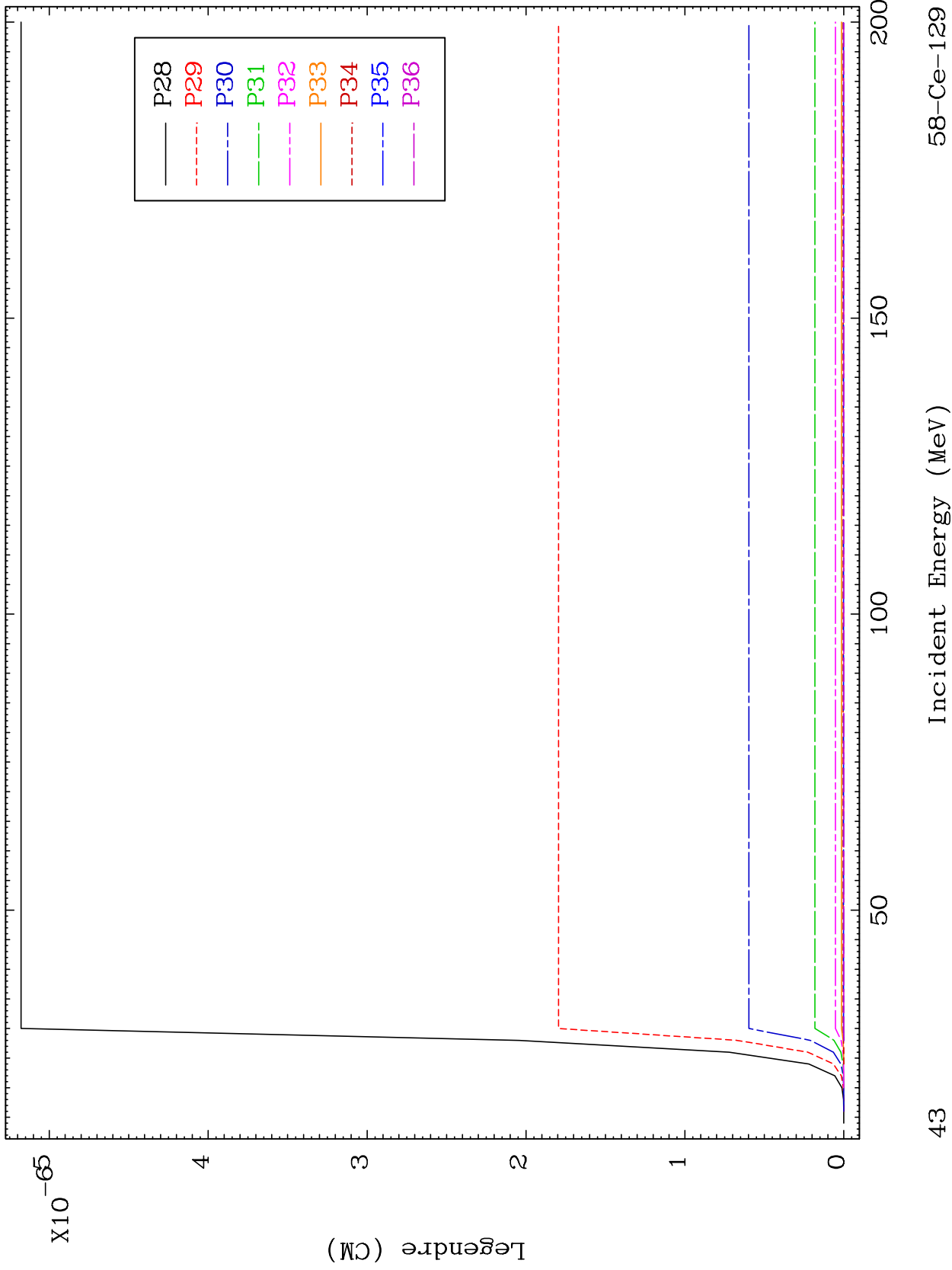
Incident Energy (MeV)

58-Ce-129

MAT 5804

347.7 keV (n,n') Level
Legendre Coefficients

58-Ce-129



43

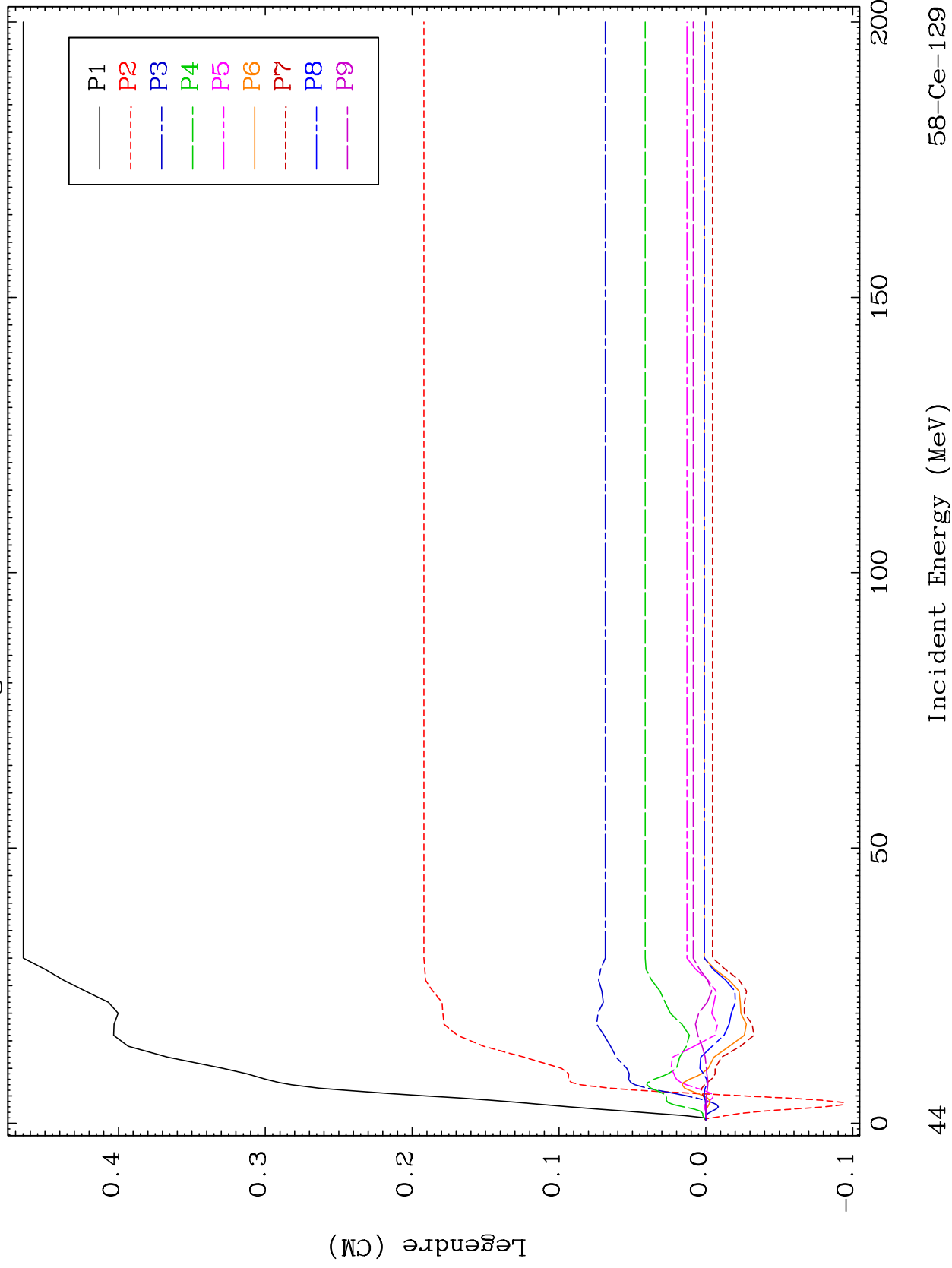
Incident Energy (MeV)

58-Ce-129

MAT 5804

589.1 keV (n,n') Level
Legendre Coefficients

58-Ce-129



58-Ce-129

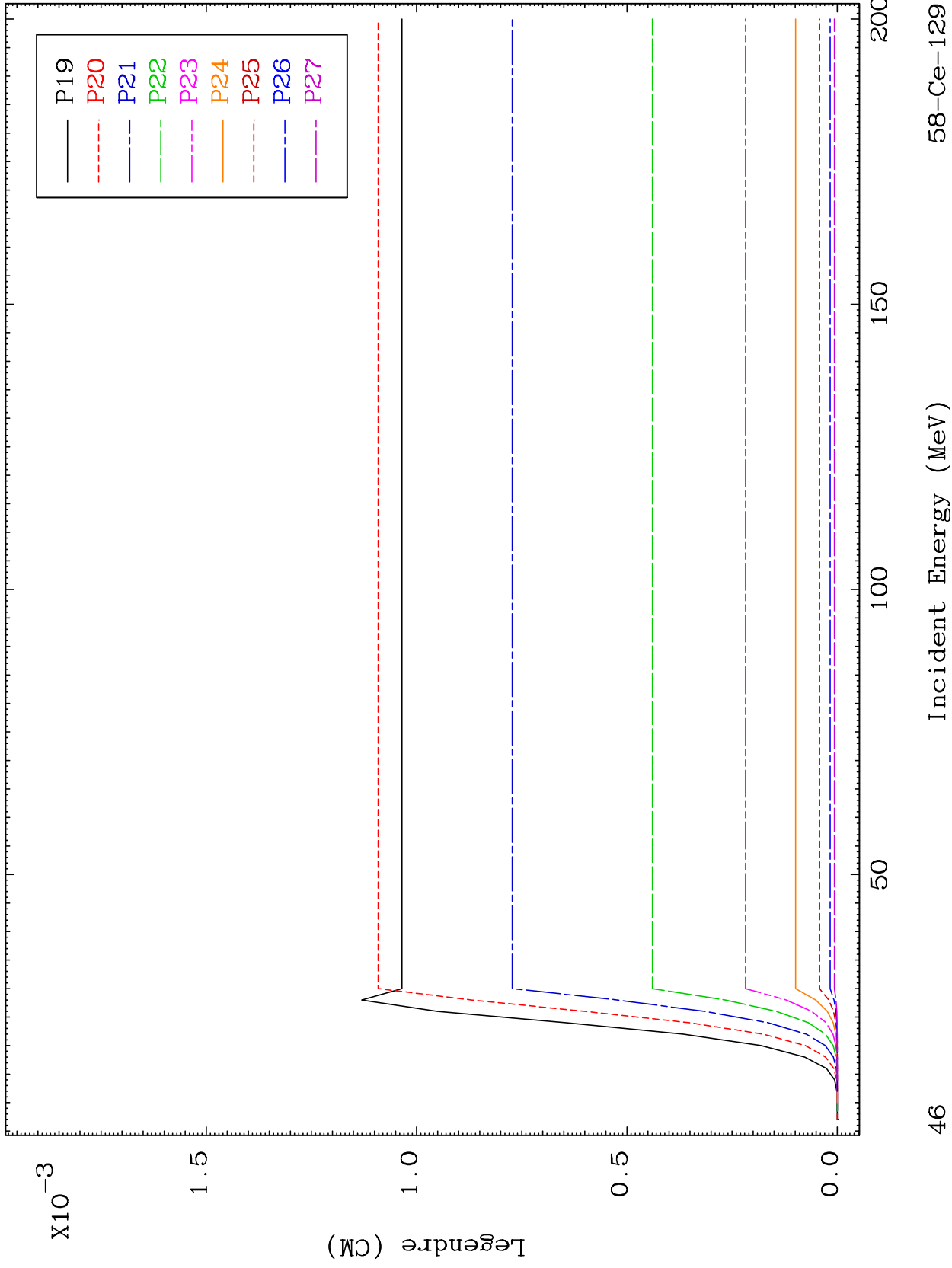
Incident Energy (MeV)

44

MAT 5804

589.1 keV (n,n') Level
Legendre Coefficients

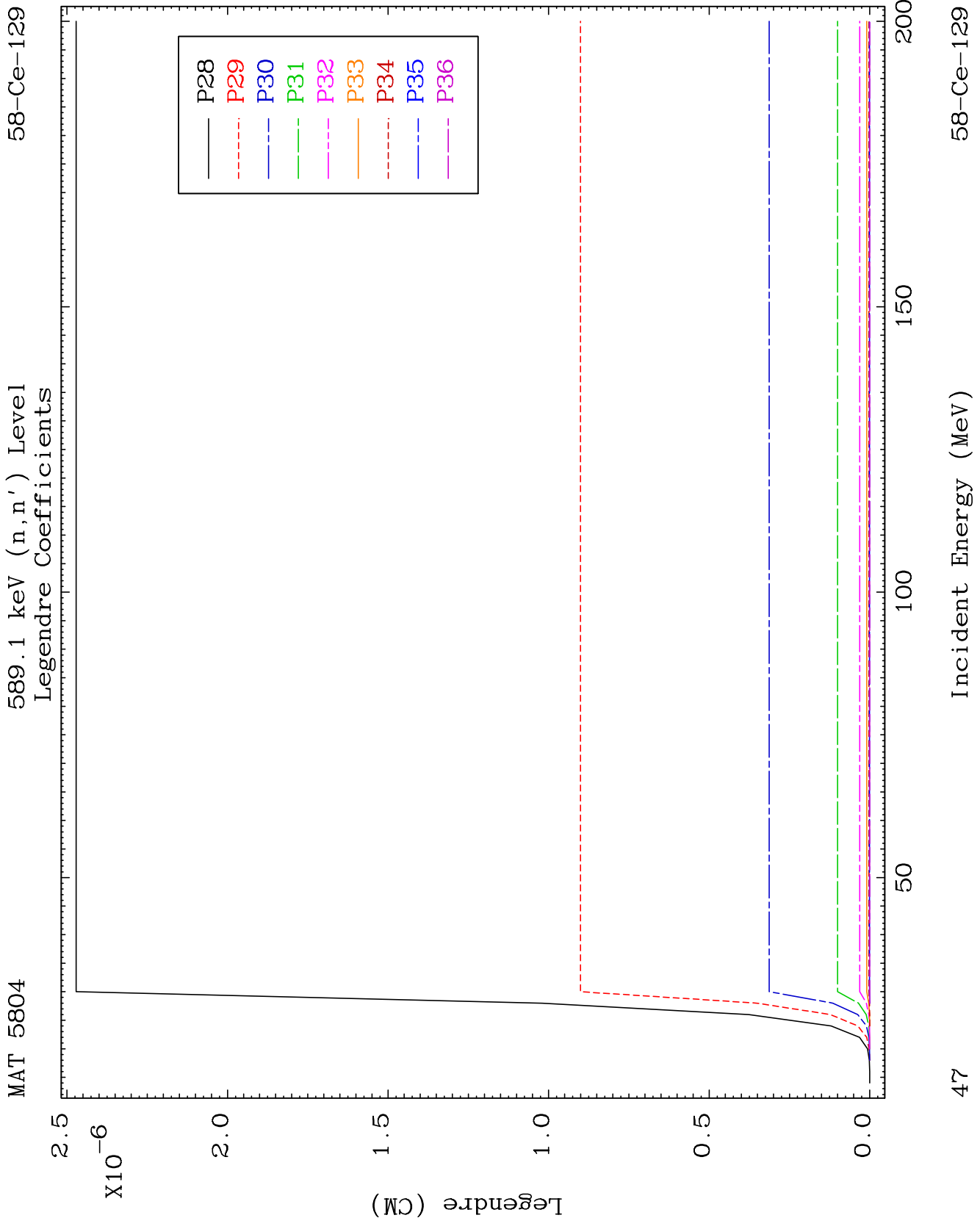
58-Ce-129

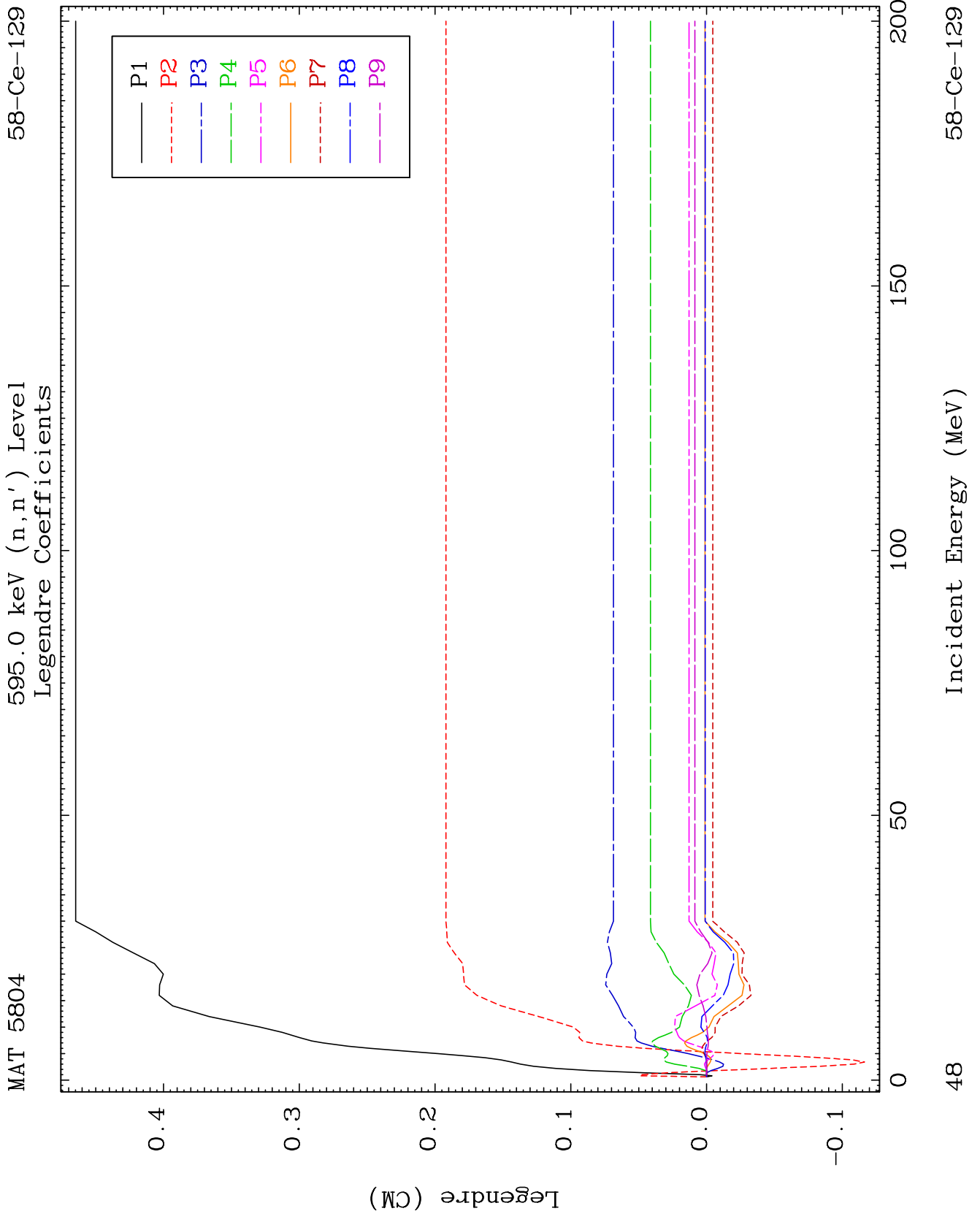


46

Incident Energy (MeV)

58-Ce-129

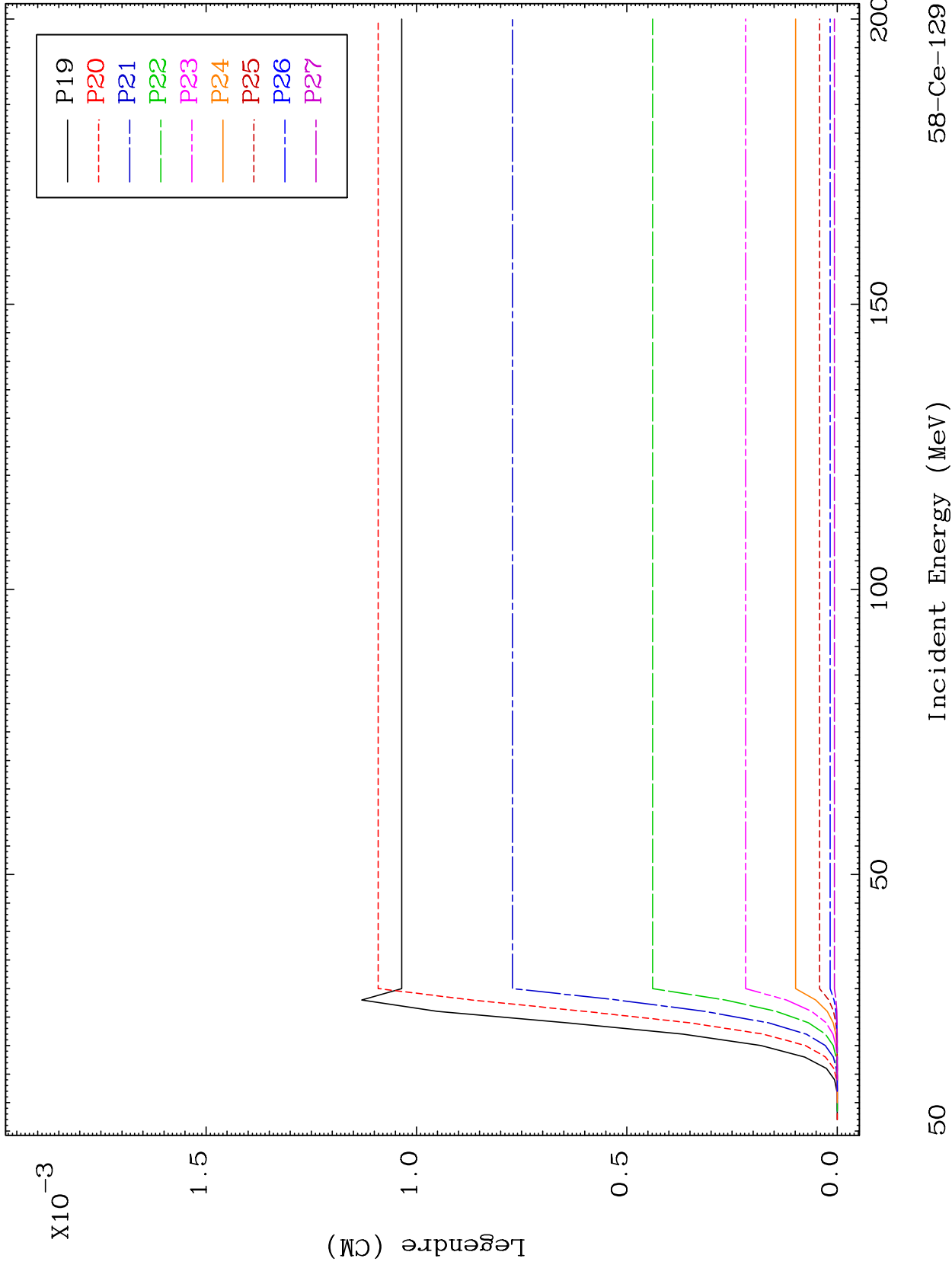


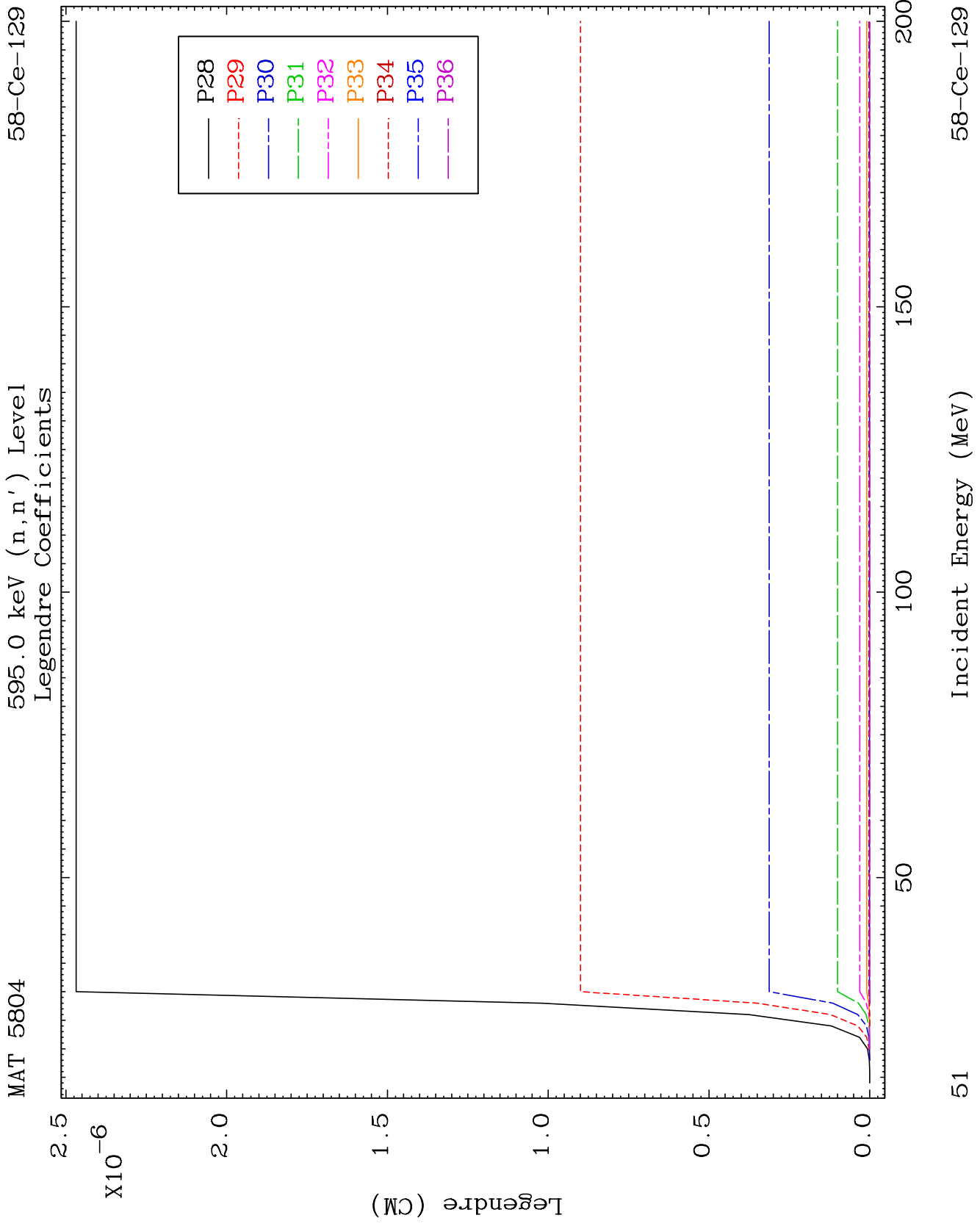


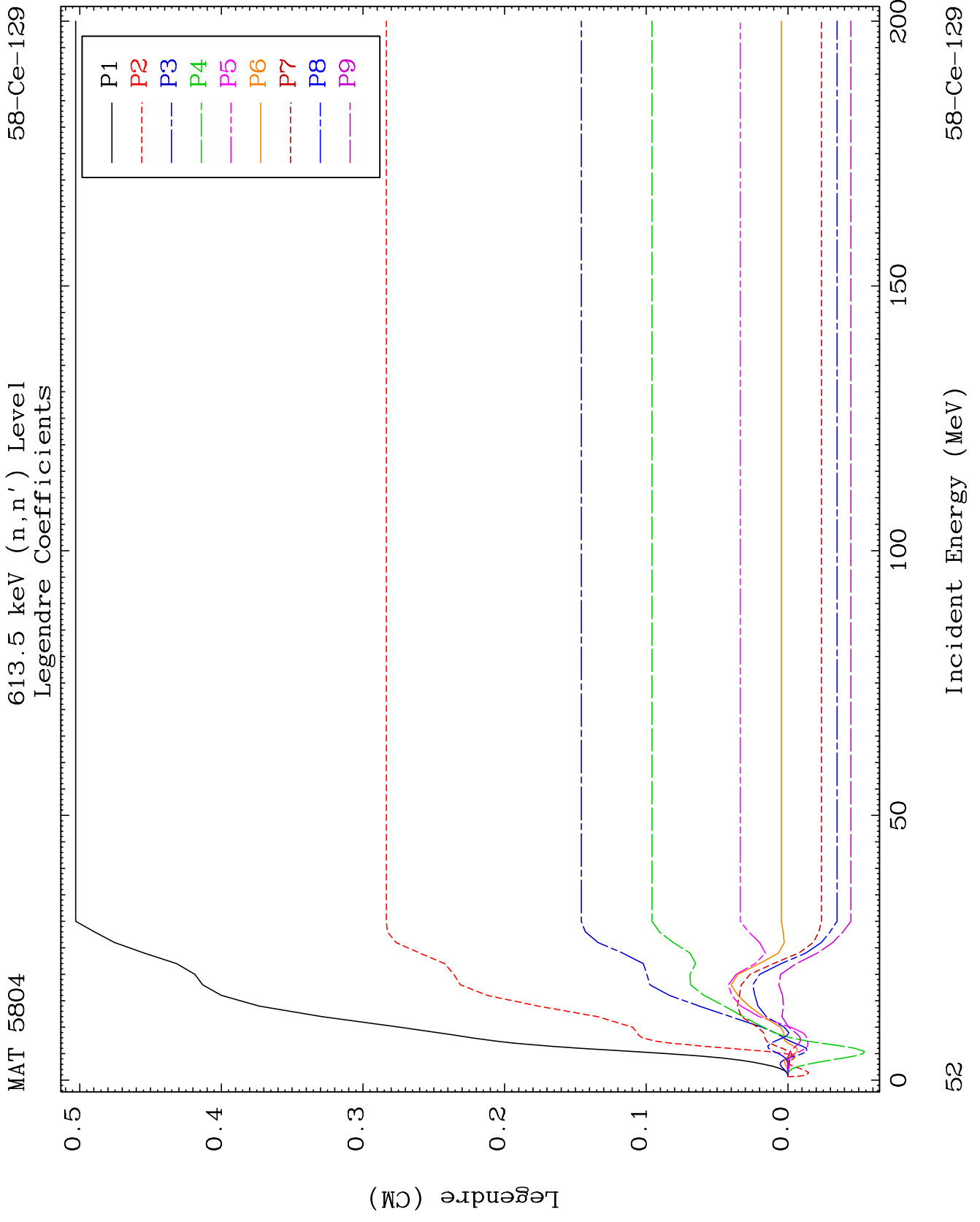
MAT 5804

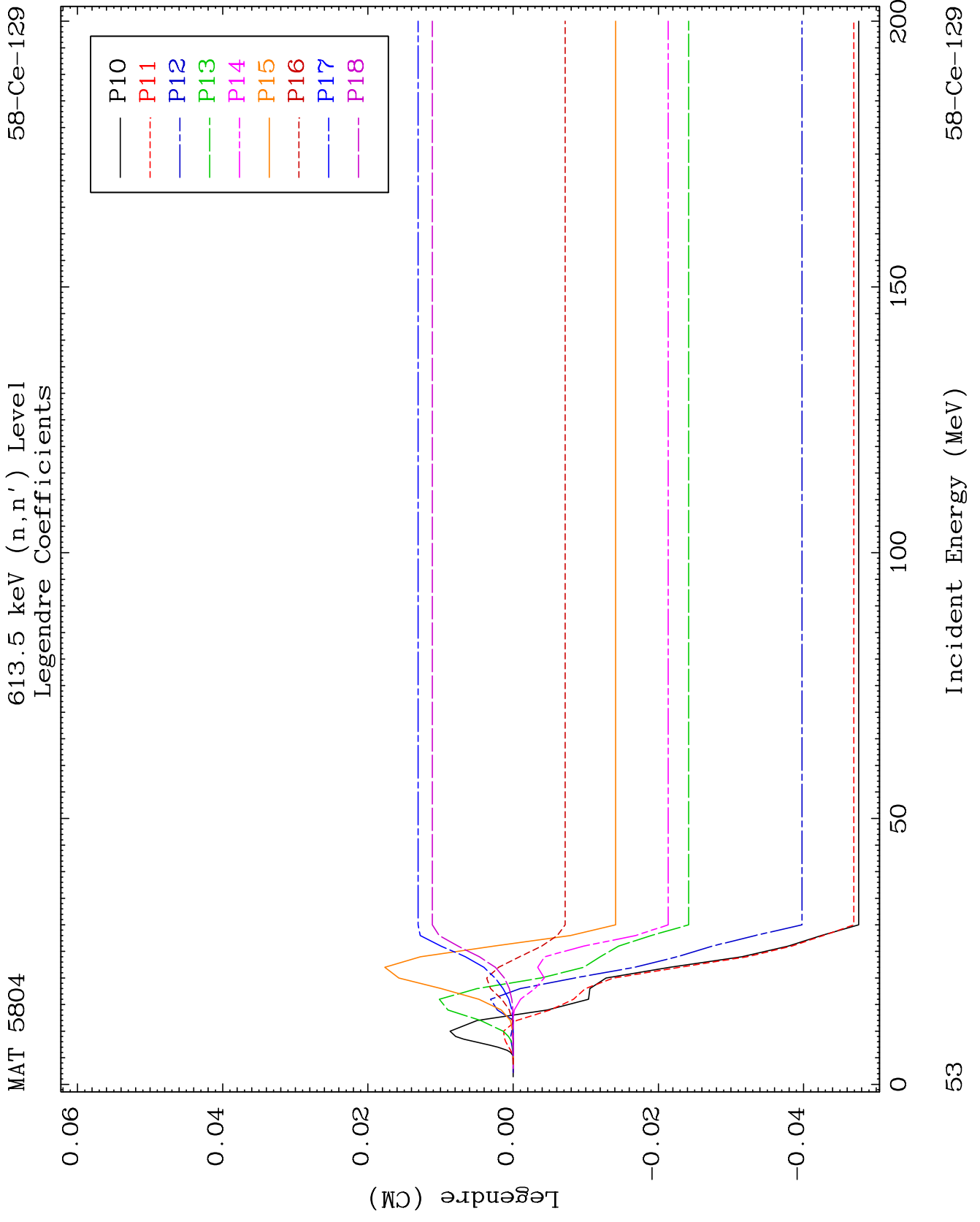
595.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129





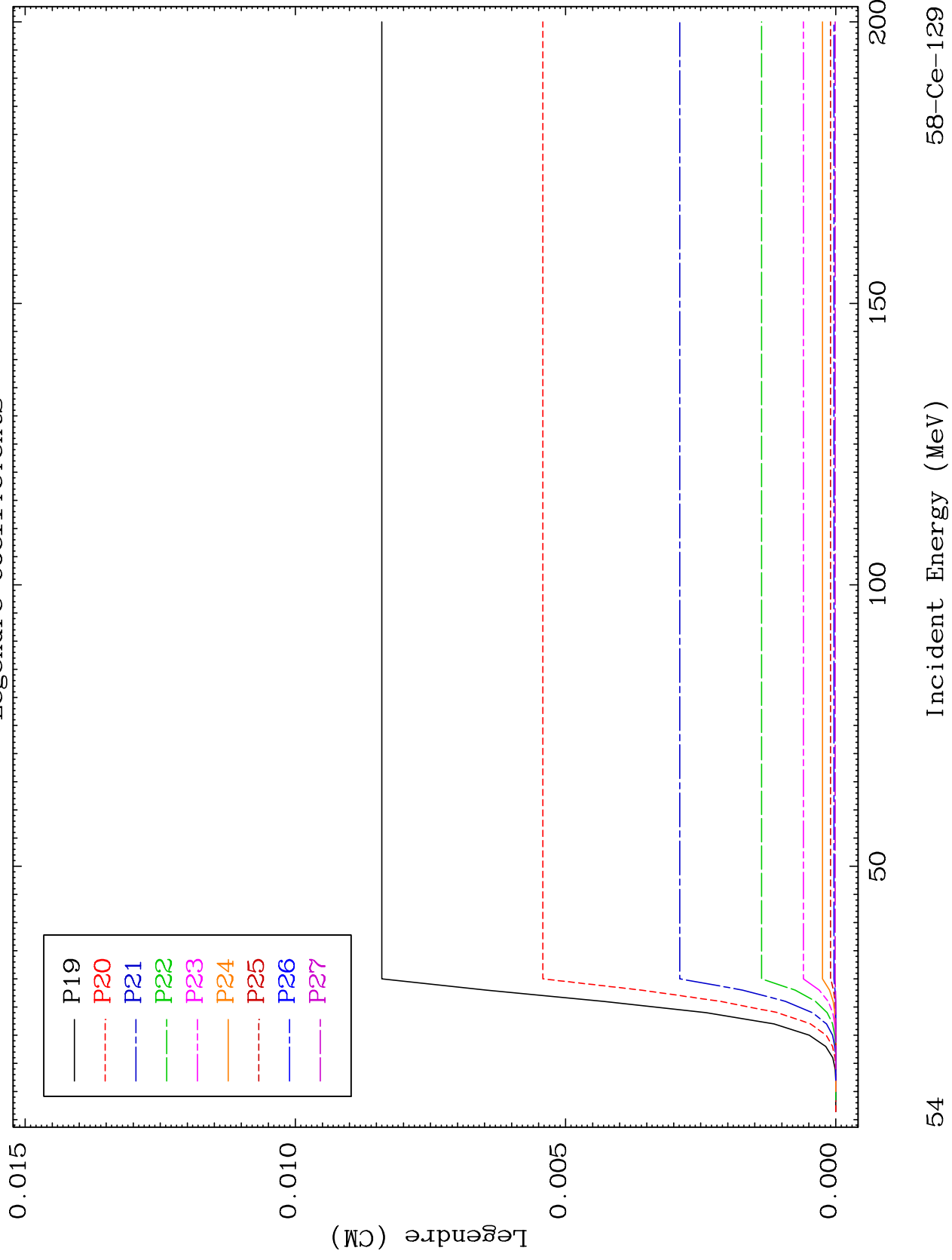




MAT 5804

613.5 keV (n,n') Level
Legendre Coefficients

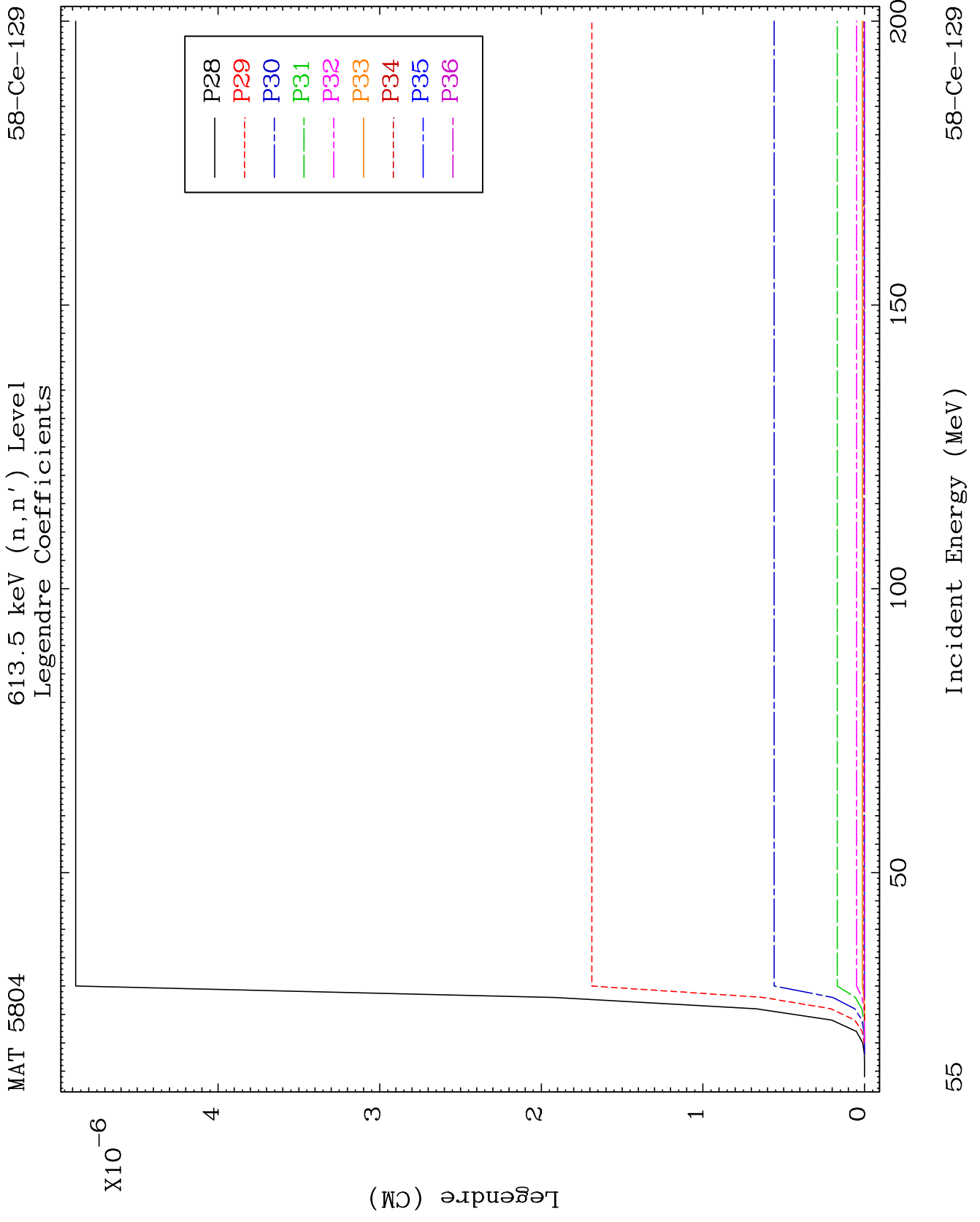
58-Ce-129

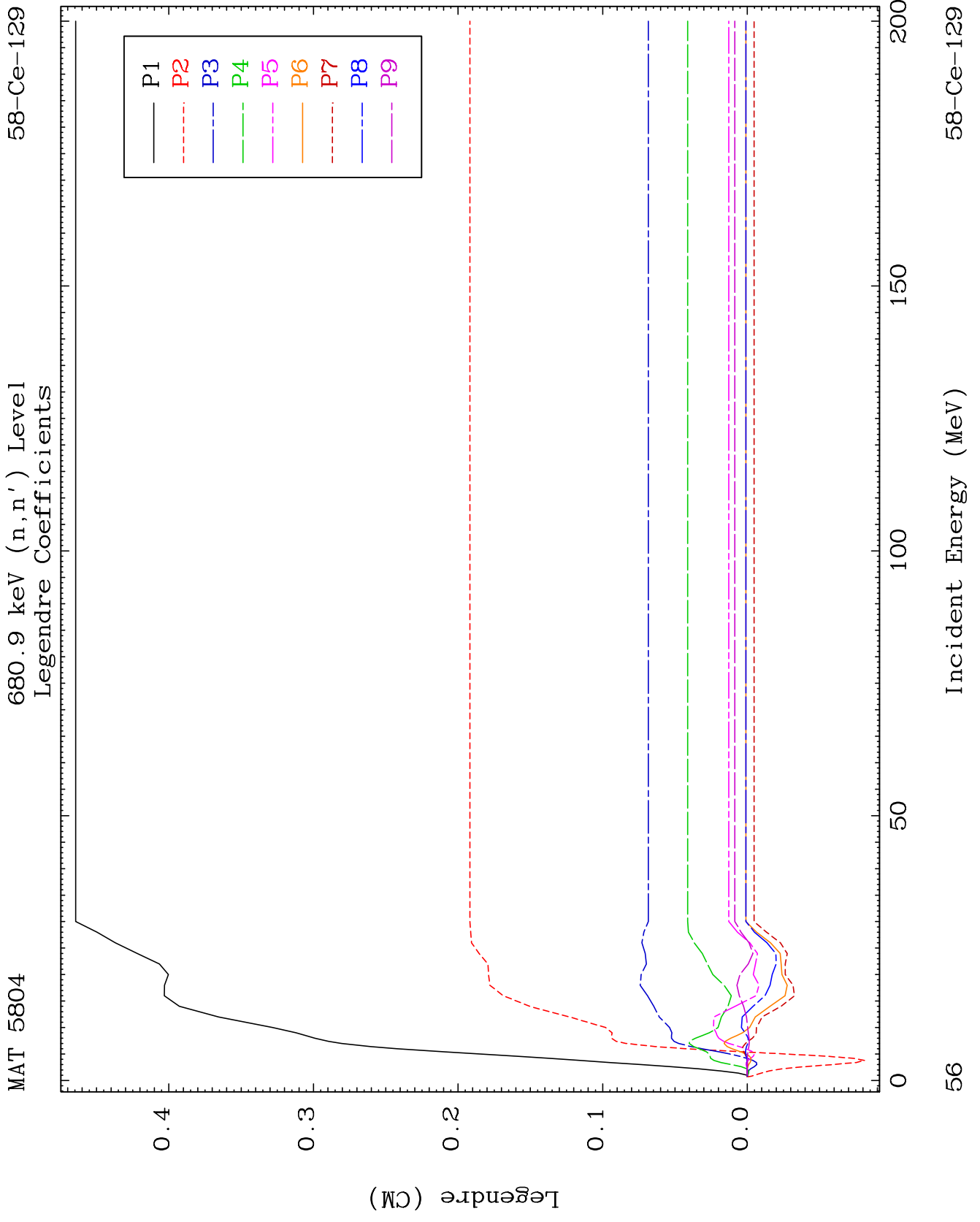


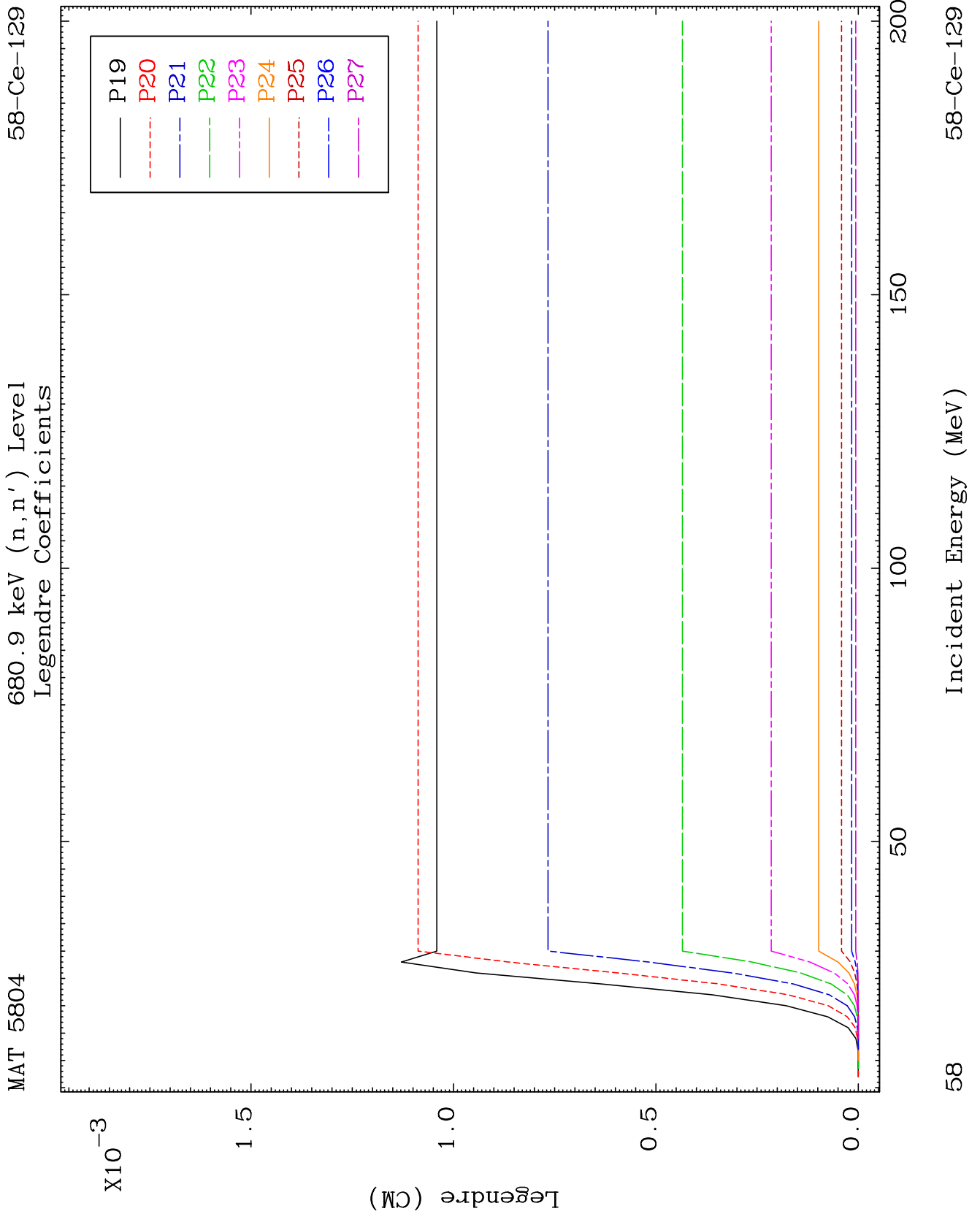
54

Incident Energy (MeV)

58-Ce-129



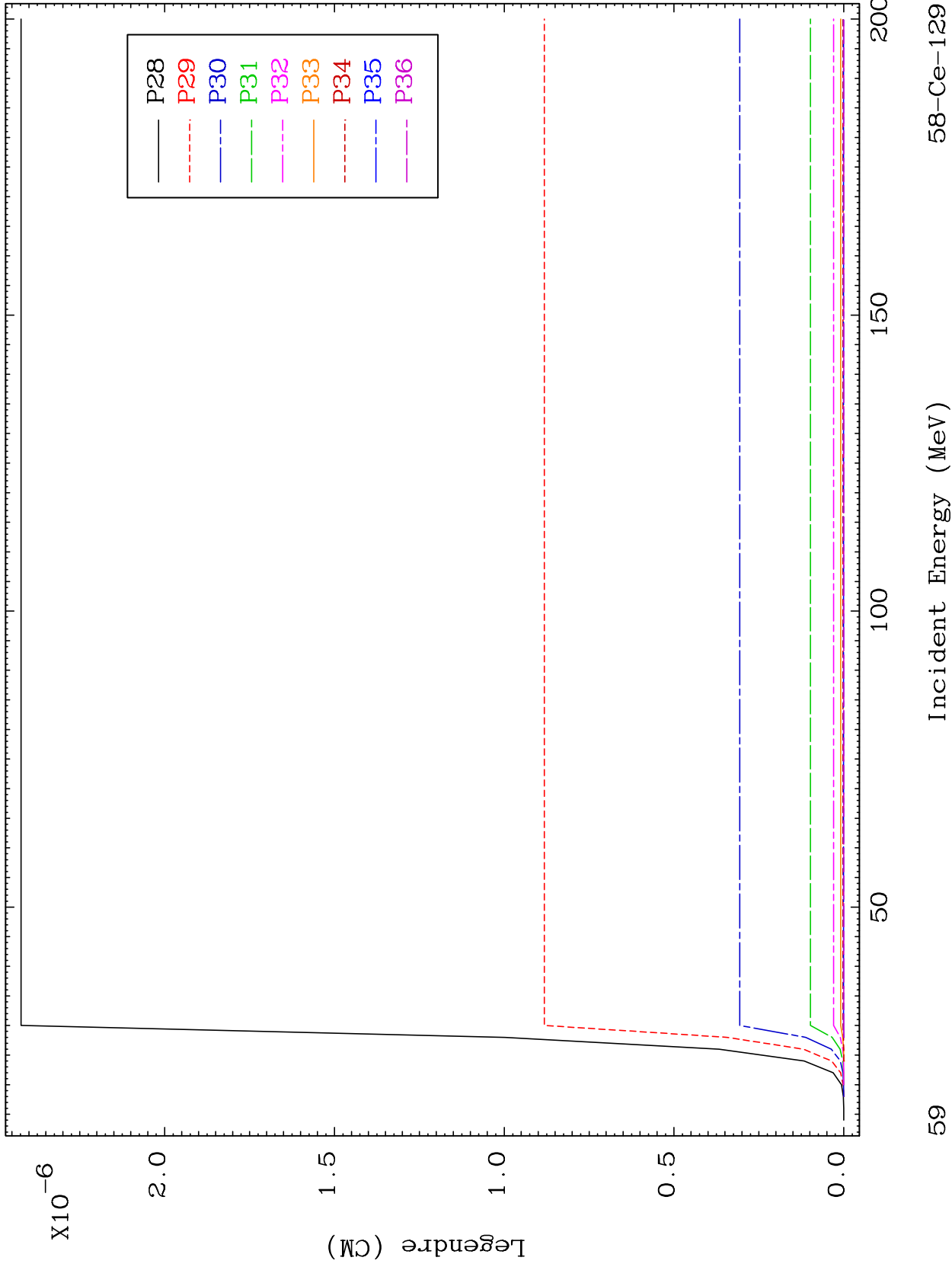




MAT 5804

680.9 keV (n, n') Level
Legendre Coefficients

58-Ce-129

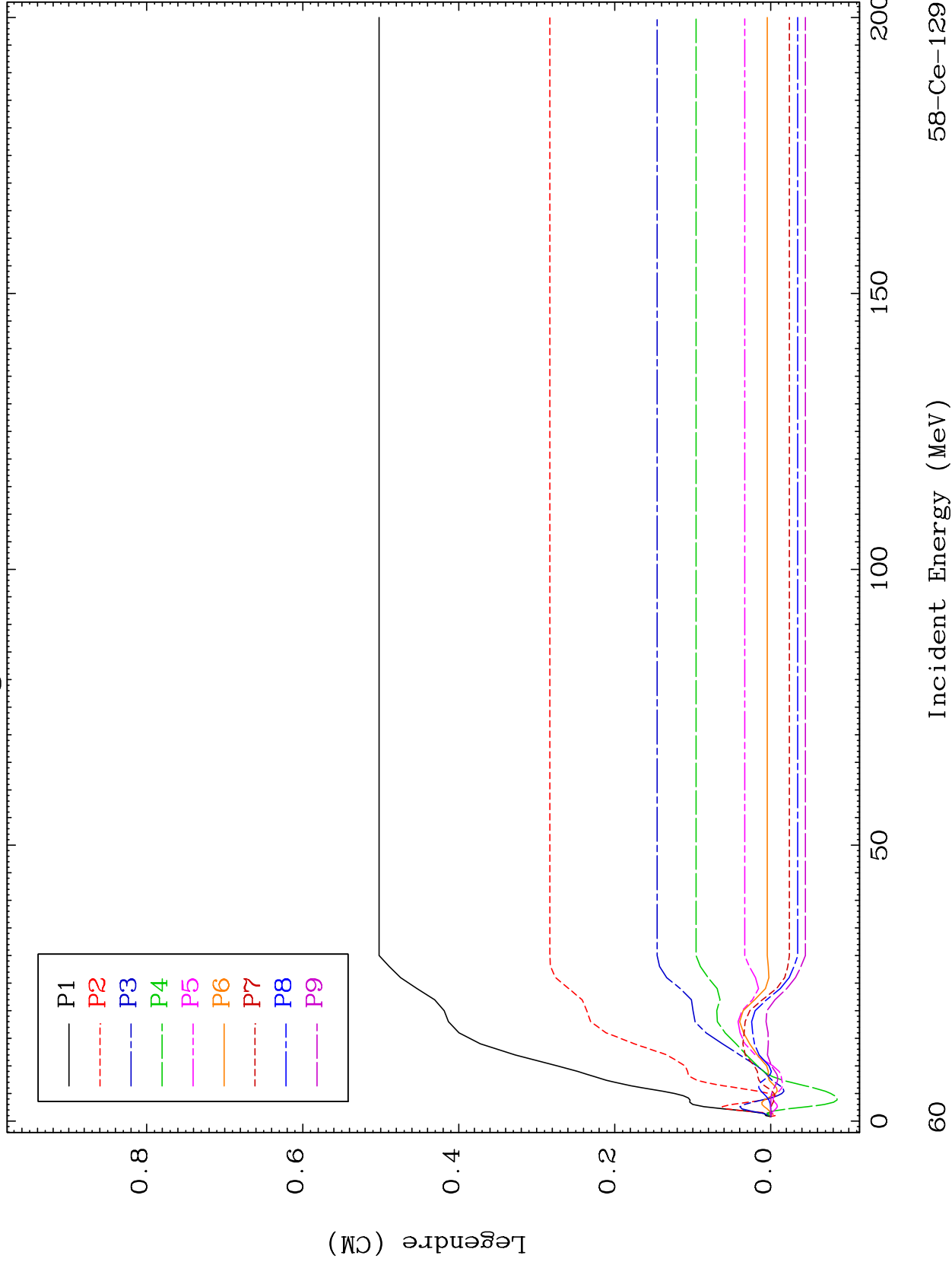


59

MAT 5804

748.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129



58-Ce-129

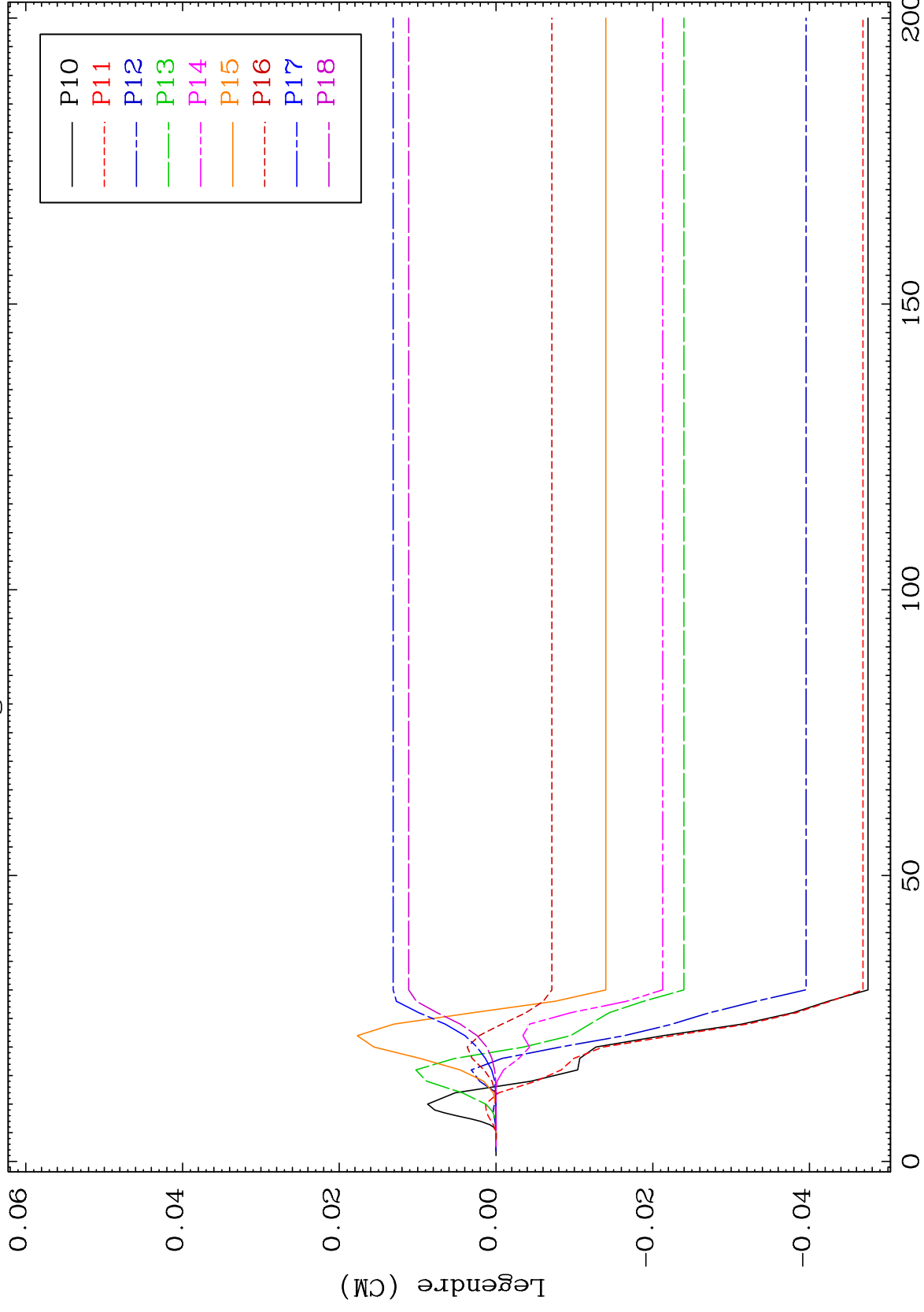
Incident Energy (MeV)

60

MAT 5804

748.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129



61

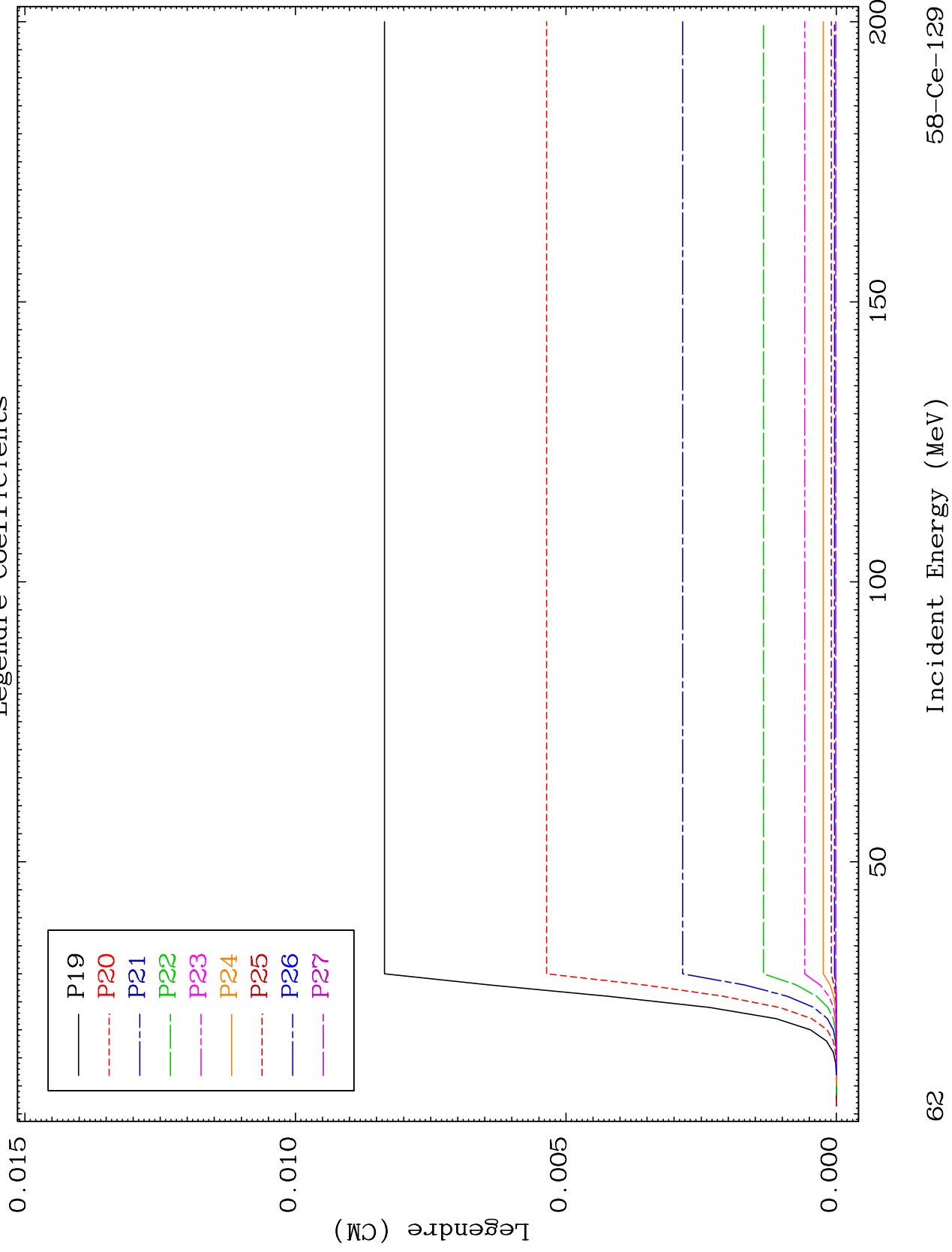
Incident Energy (MeV)

58-Ce-129

MAT 5804

748.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129



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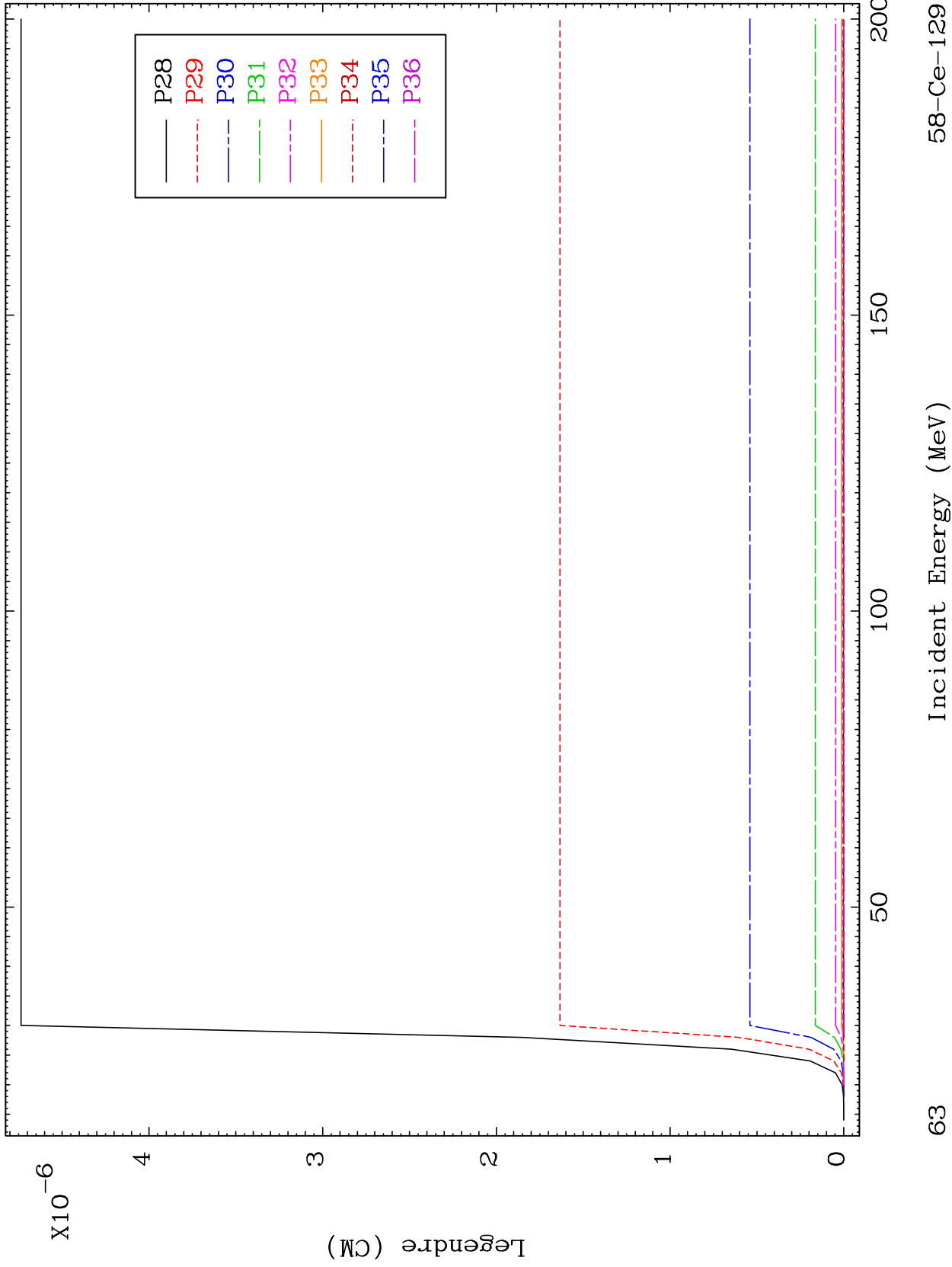
Incident Energy (MeV)

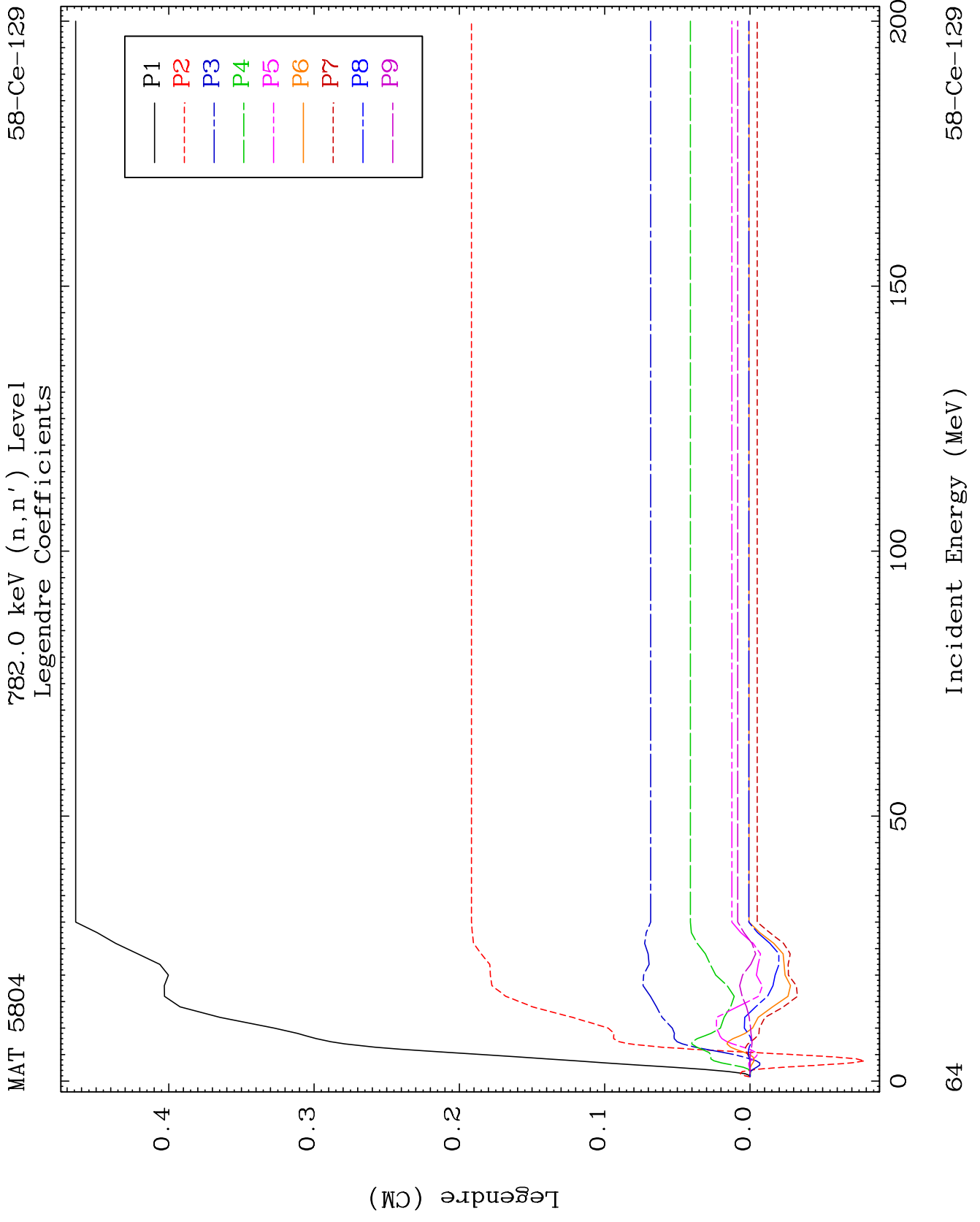
58-Ce-129

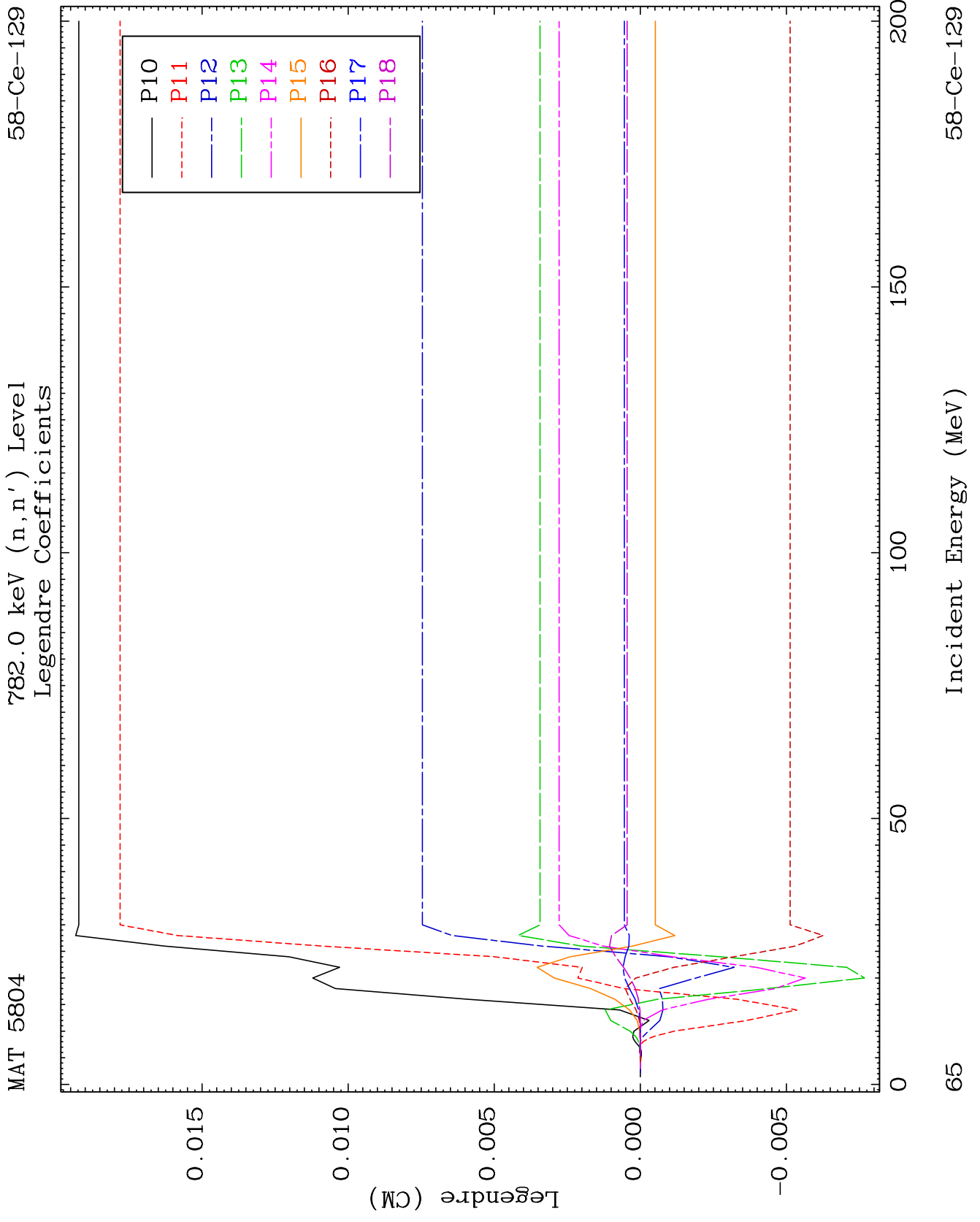
MAT 5804

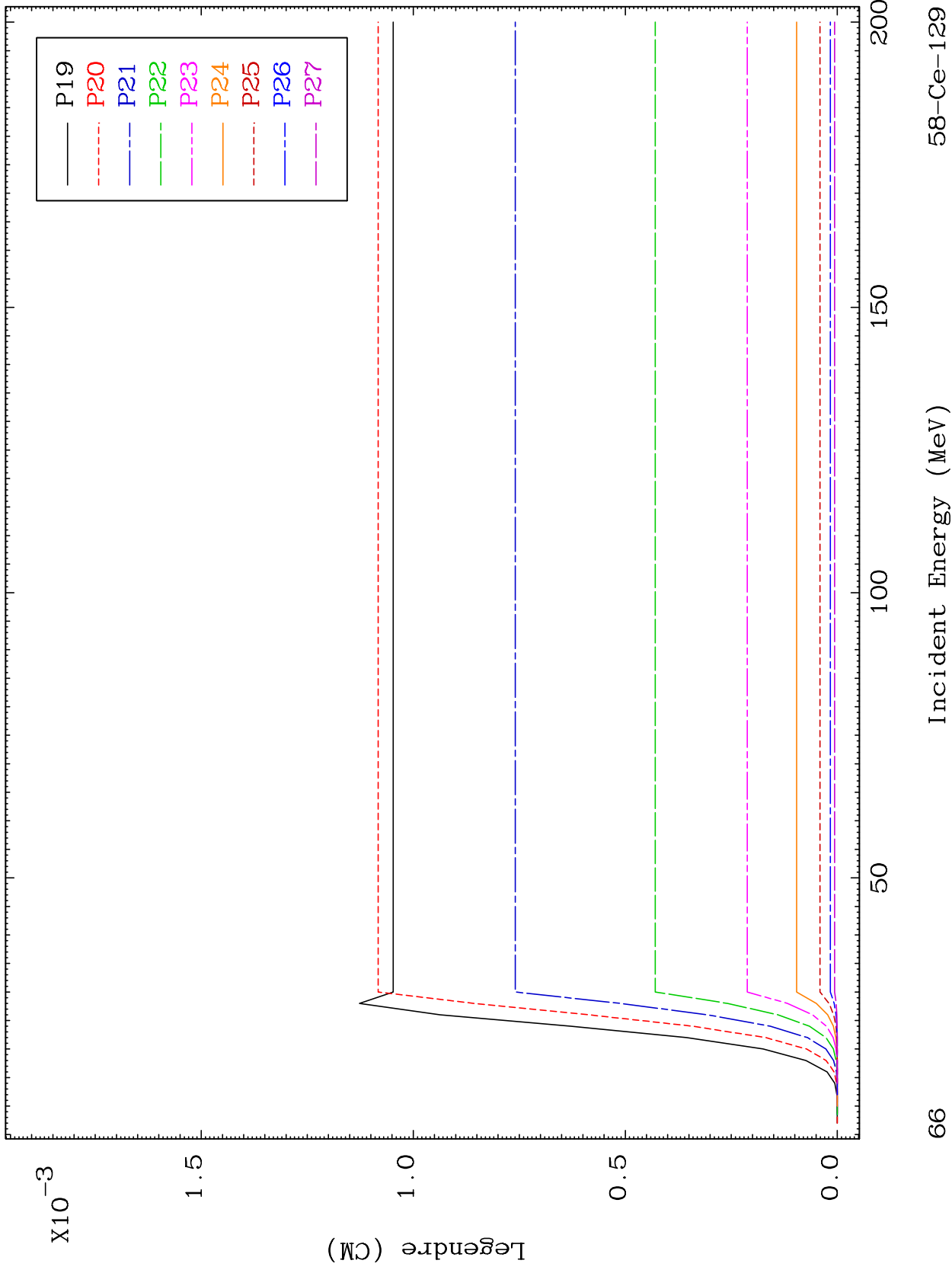
748.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129





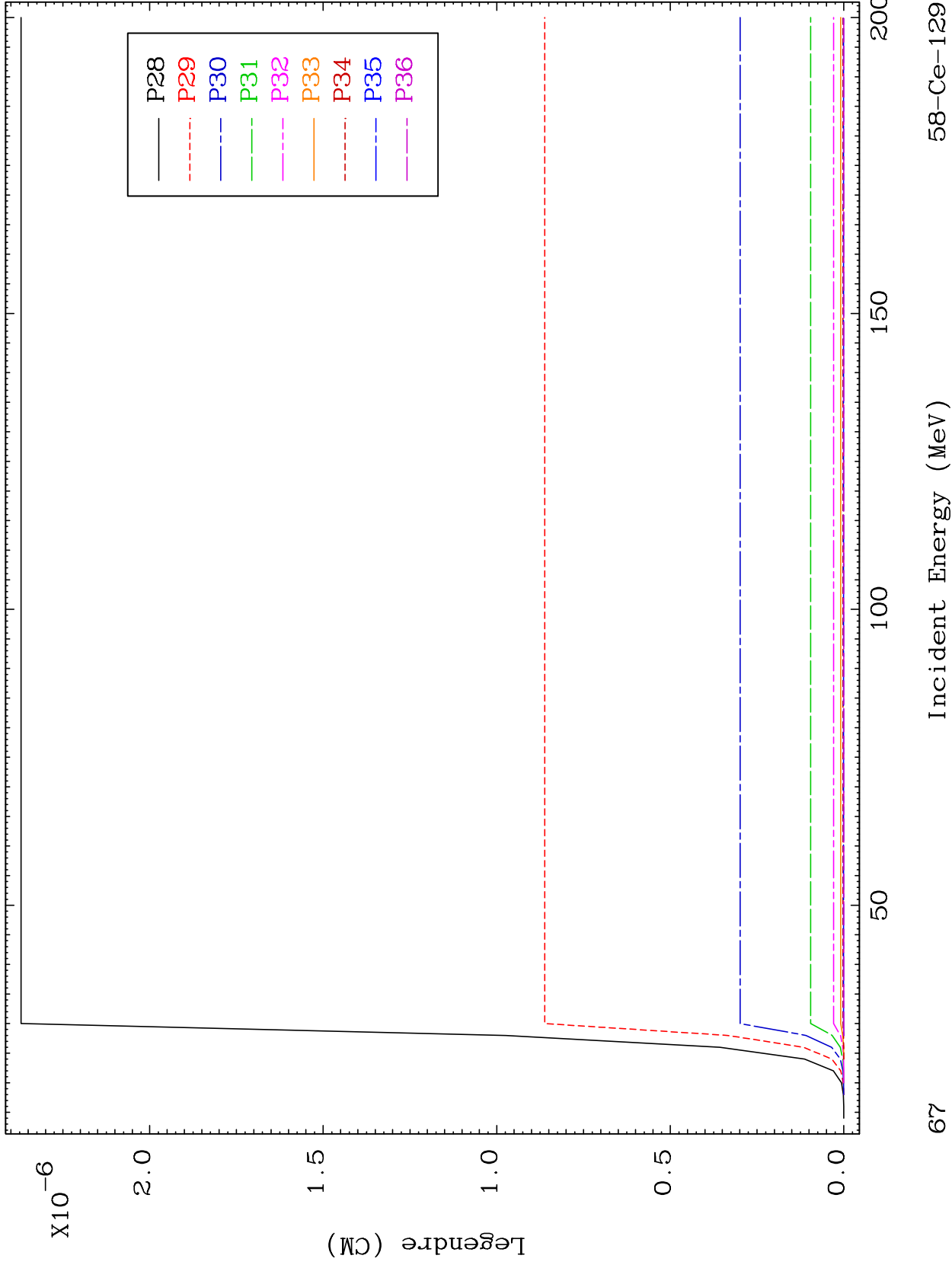


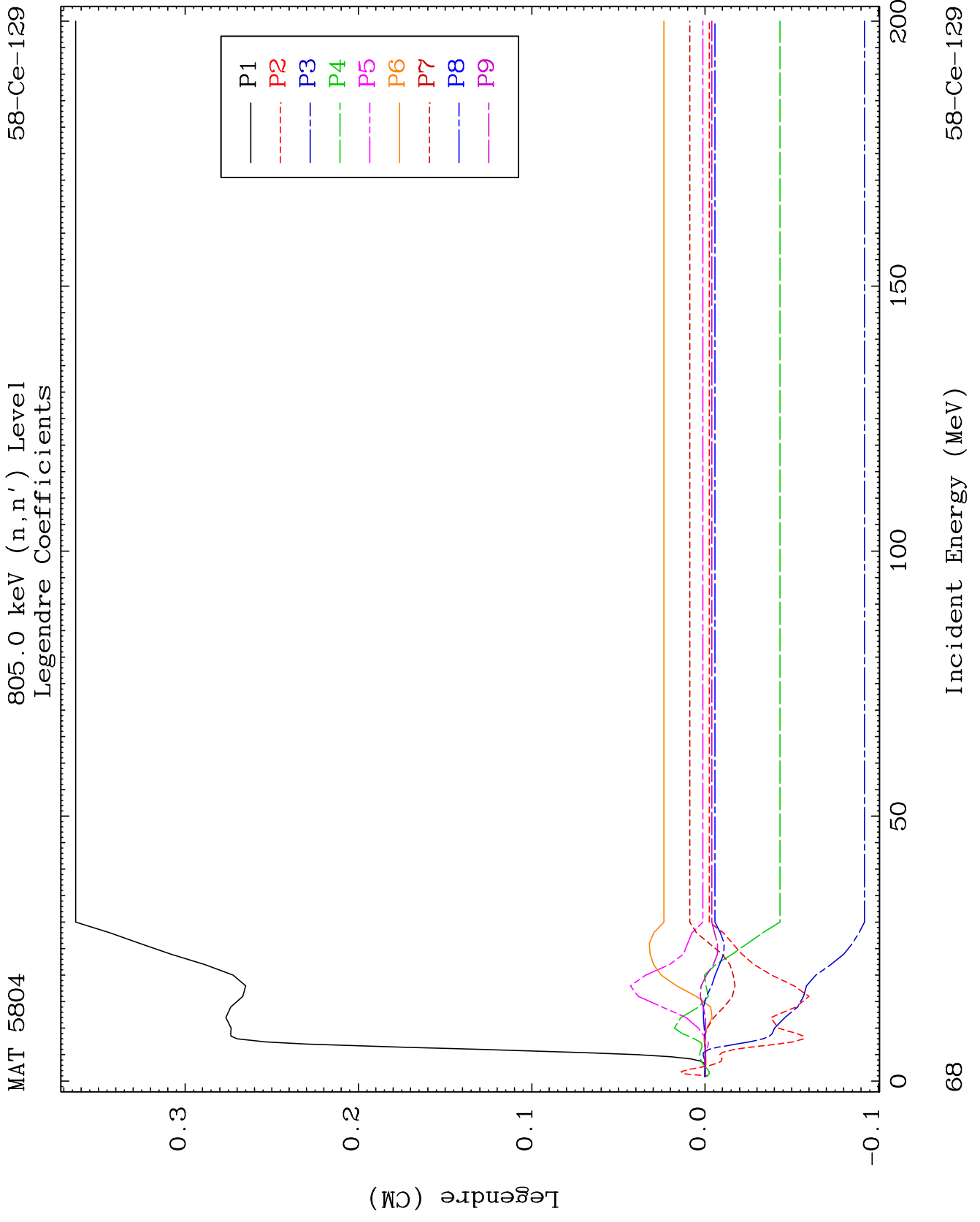


MAT 5804

782.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129

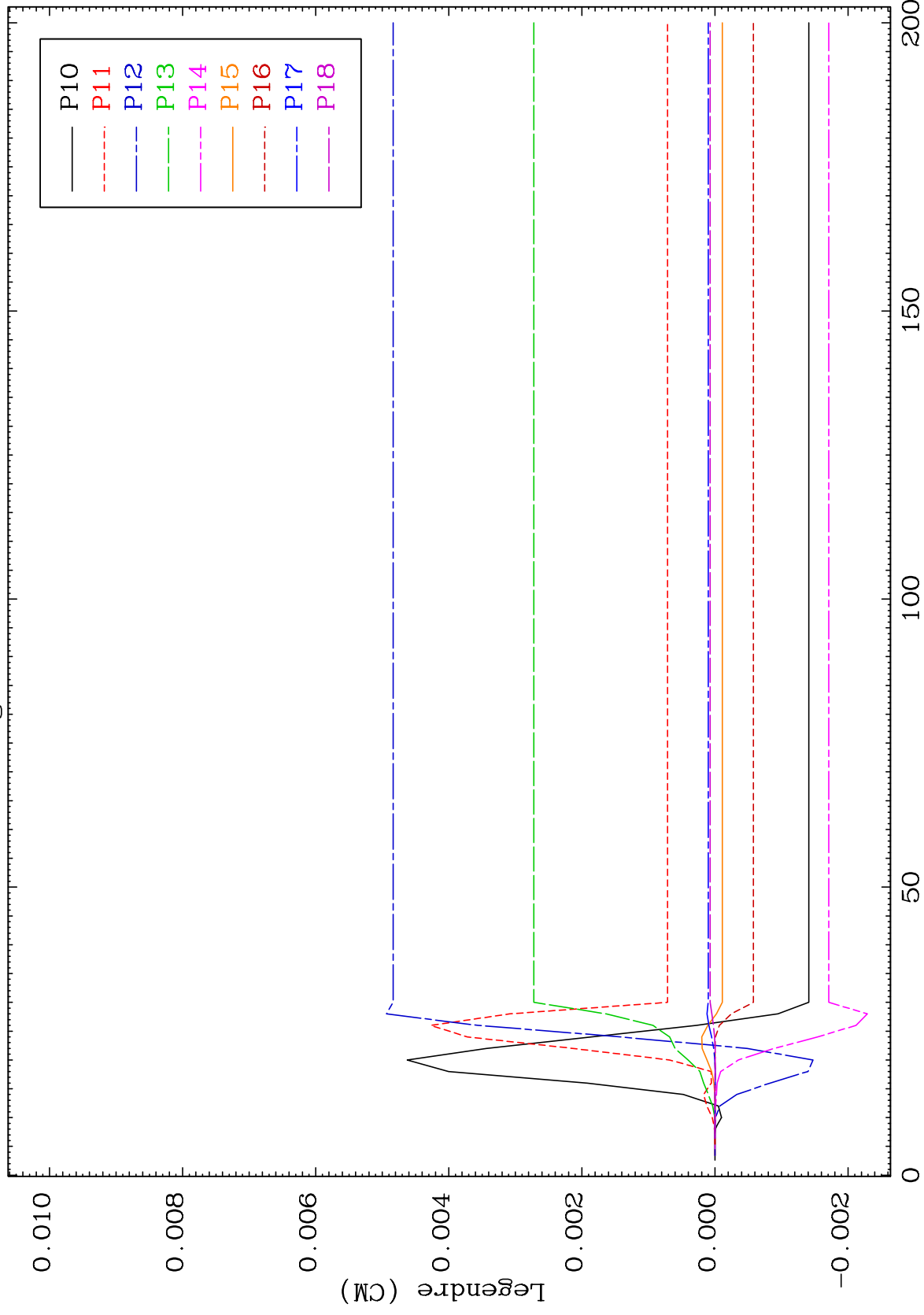




MAT 5804

805.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129



69

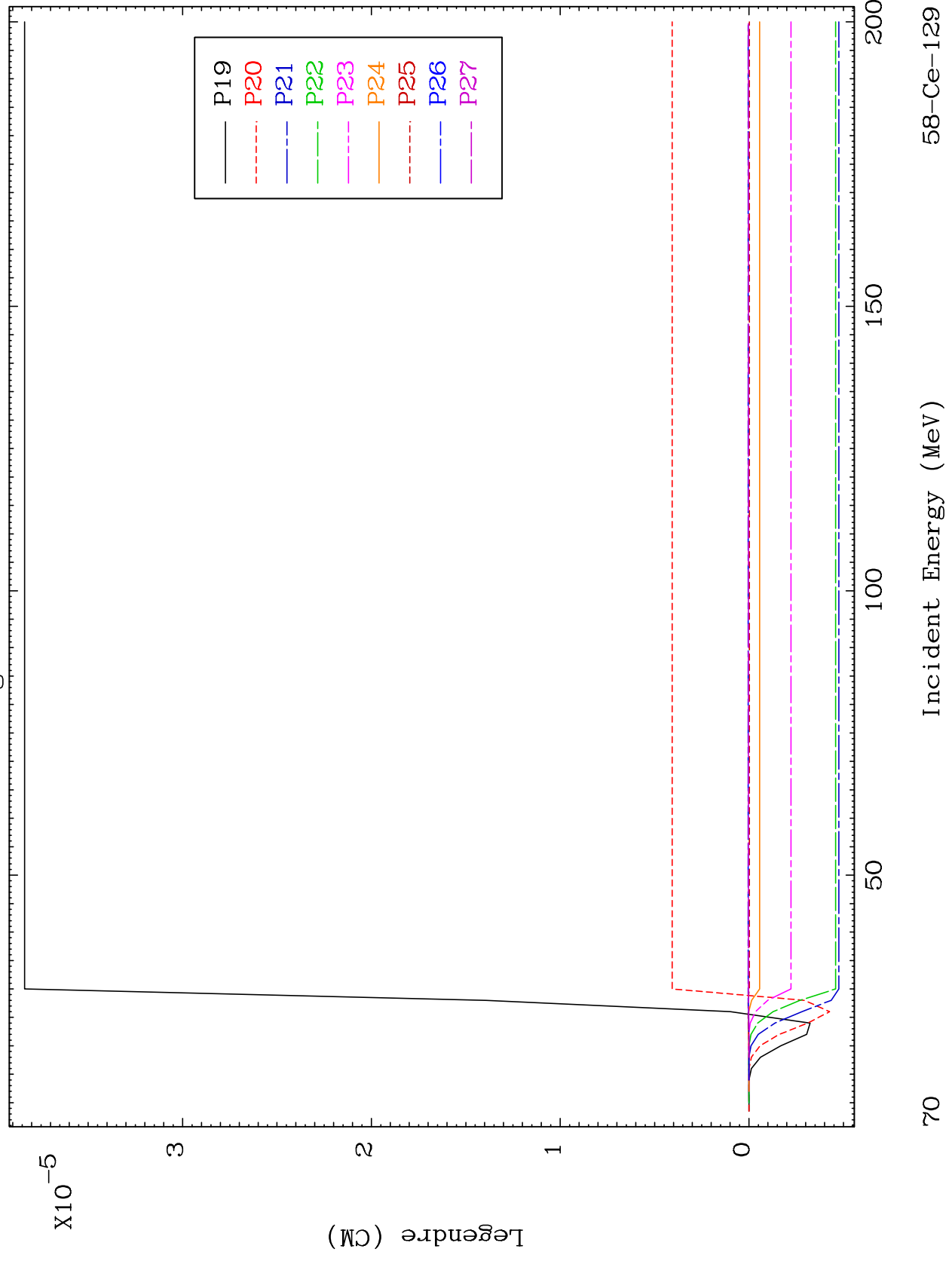
Incident Energy (MeV)

58-Ce-129

MAT 5804

805.0 keV (n,n') Level
Legendre Coefficients

58-Ce-129



70

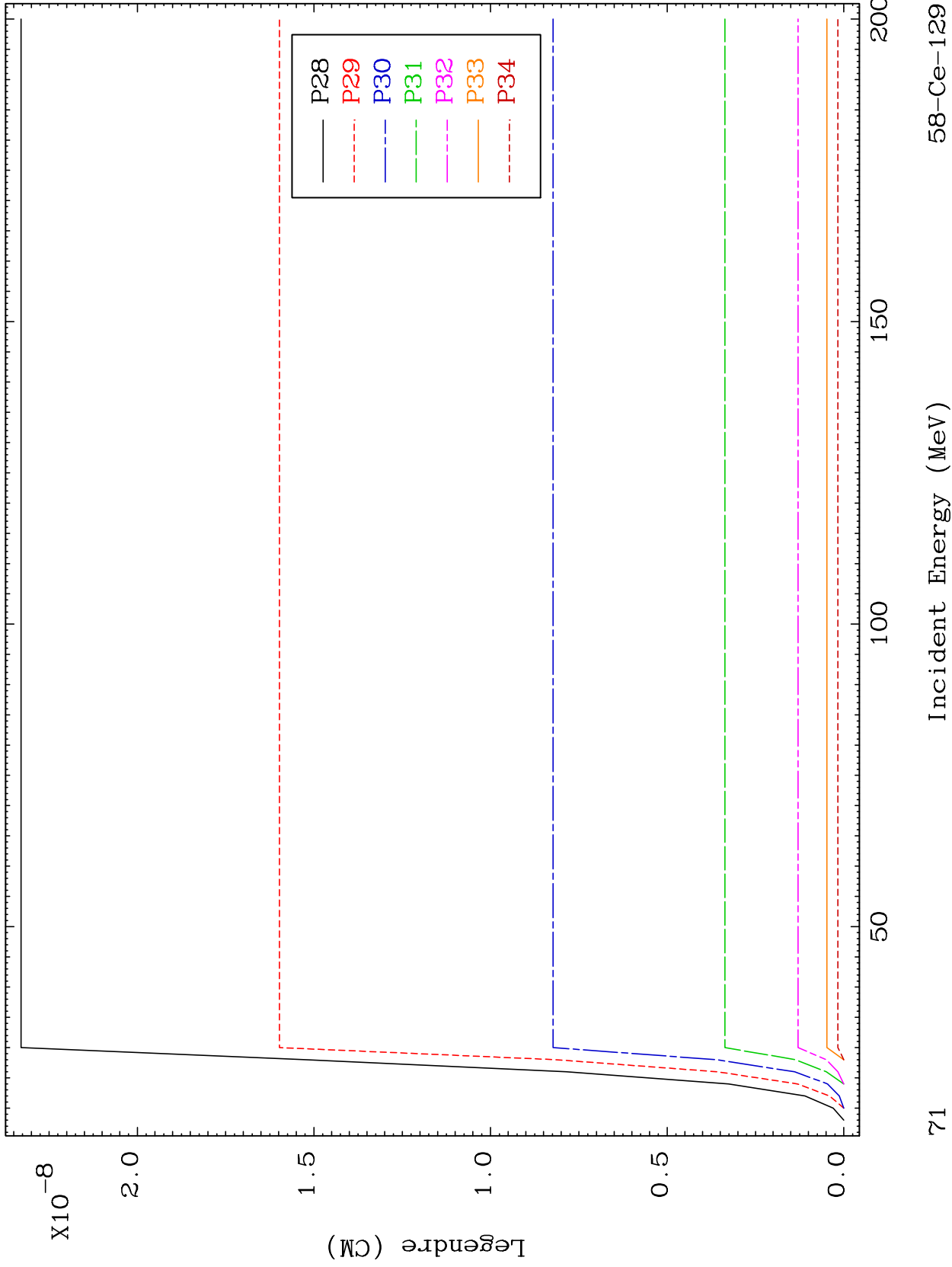
Incident Energy (MeV)

58-Ce-129

MAT 5804

805.0 keV (n,n') Level
Legendre Coefficients

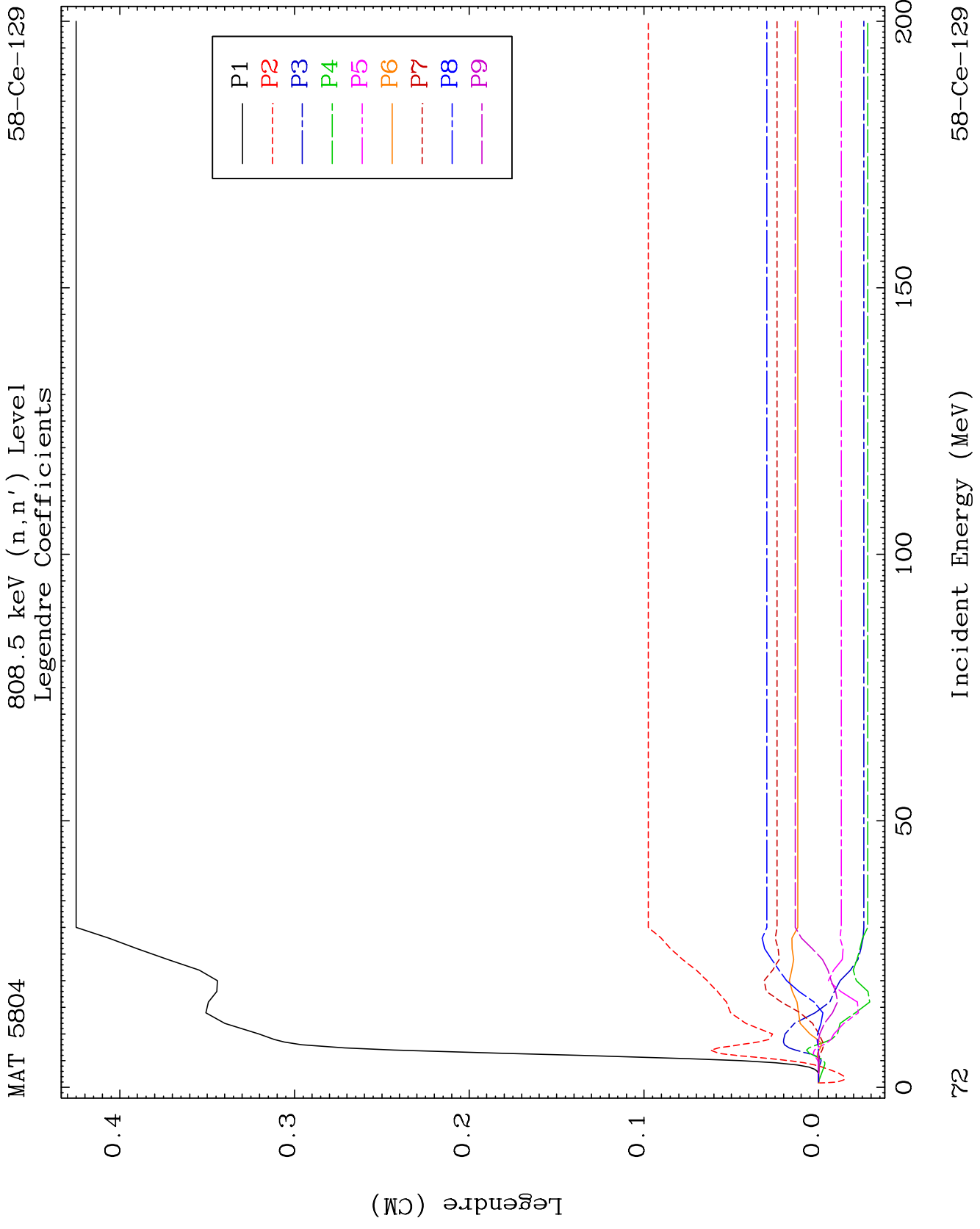
58-Ce-129



71

Incident Energy (MeV)

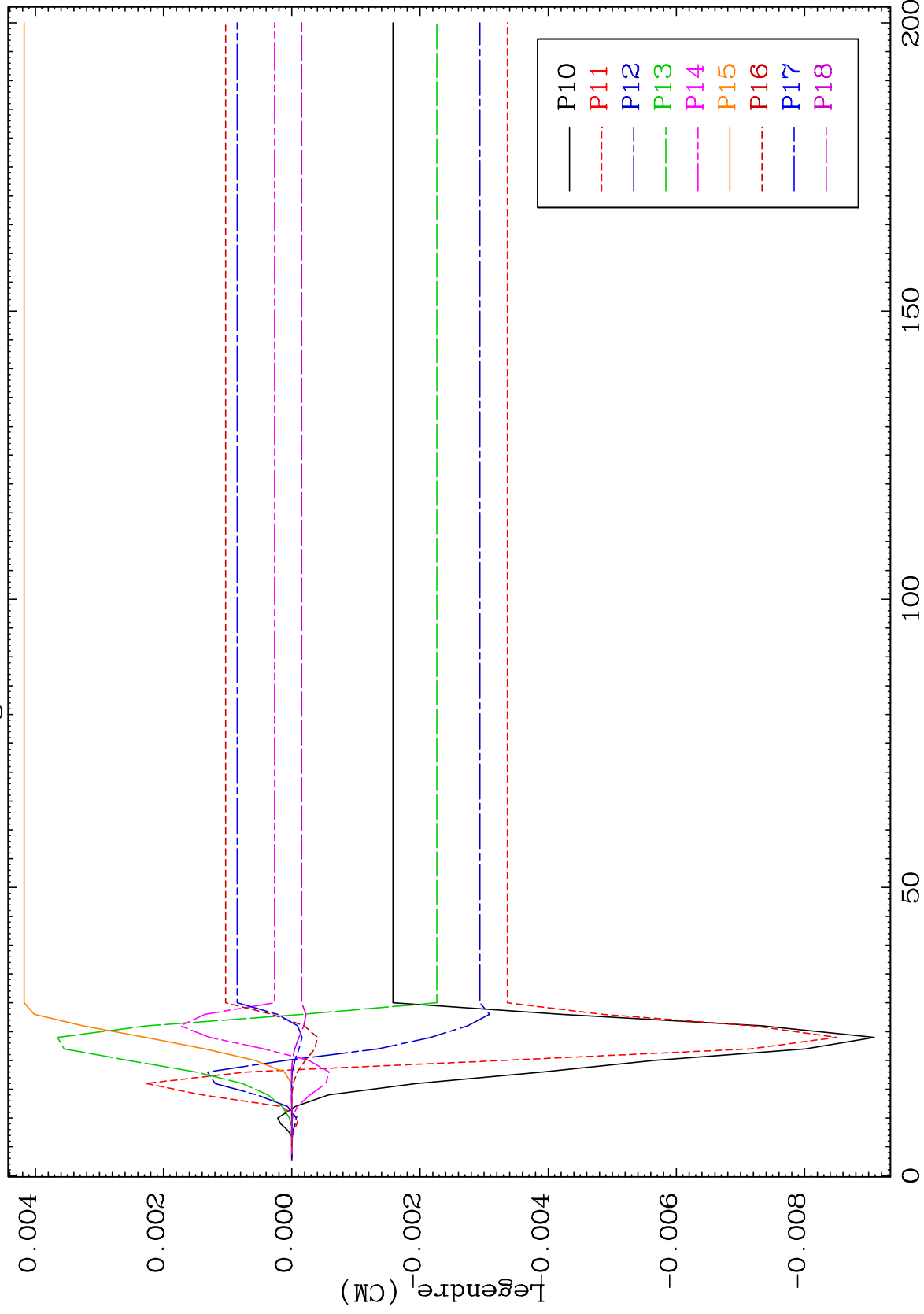
58-Ce-129



MAT 5804

808.5 keV (n,n') Level
Legendre Coefficients

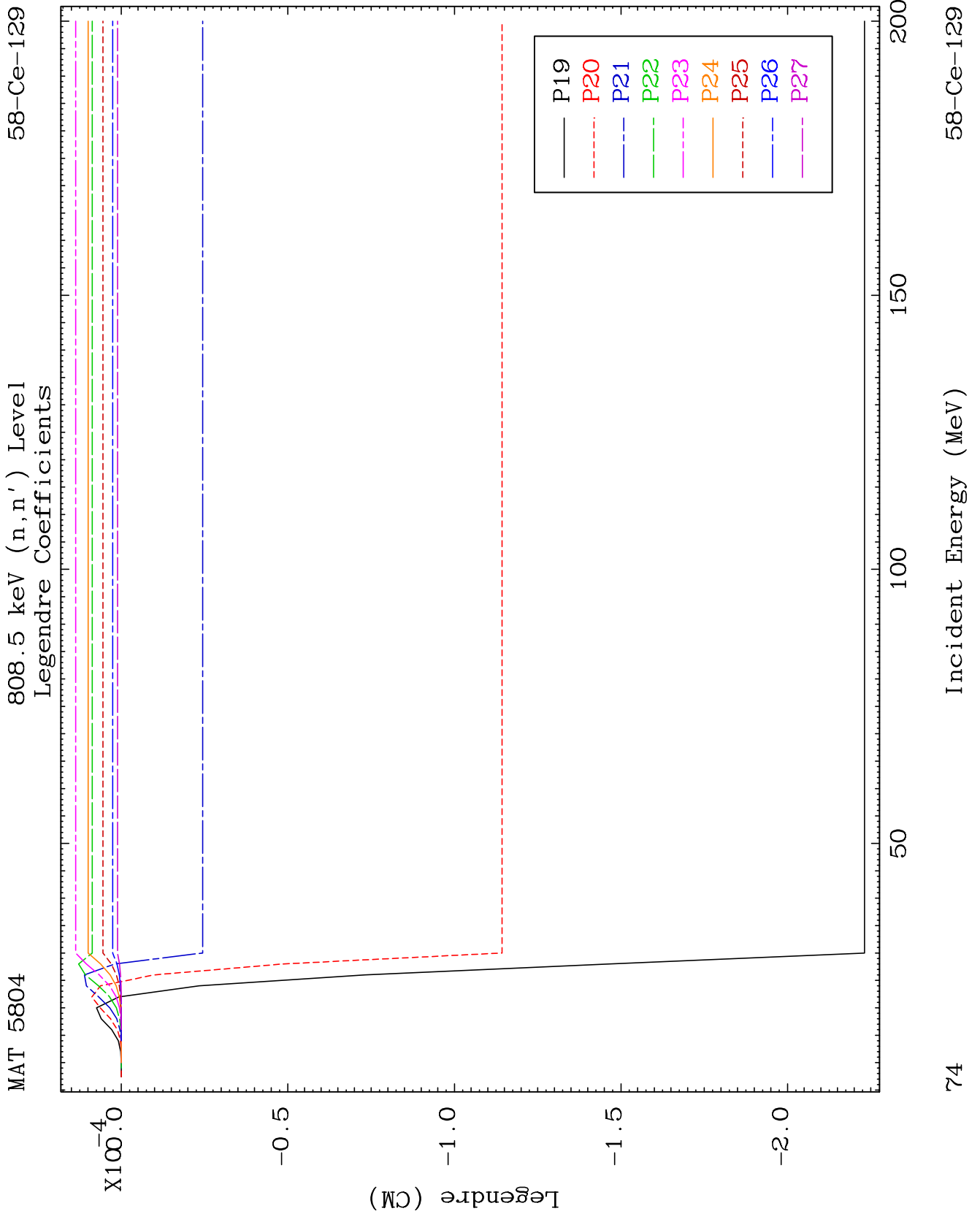
58-Ce-129



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Incident Energy (MeV)

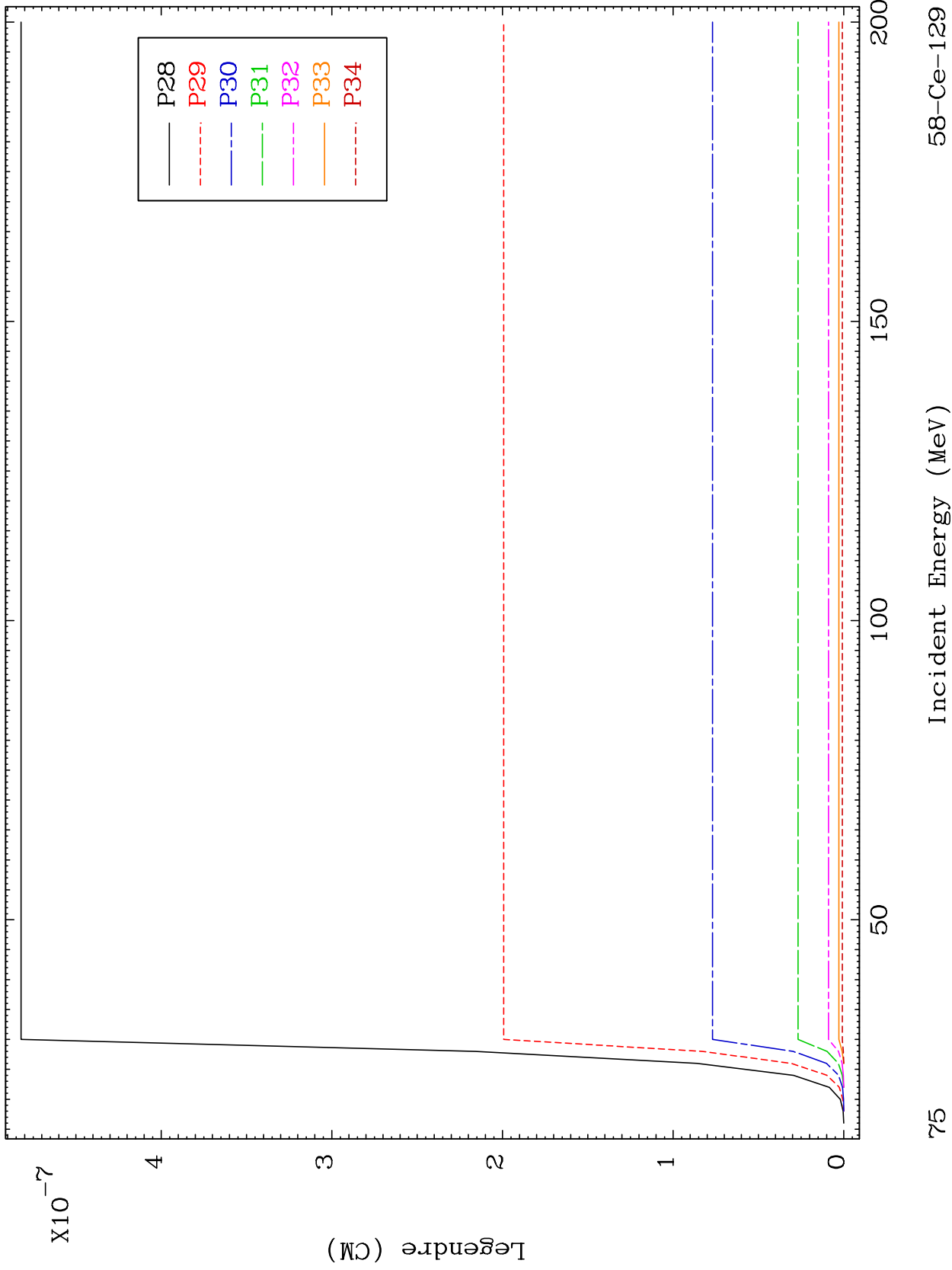
58-Ce-129



MAT 5804

808.5 keV (n,n') Level
Legendre Coefficients

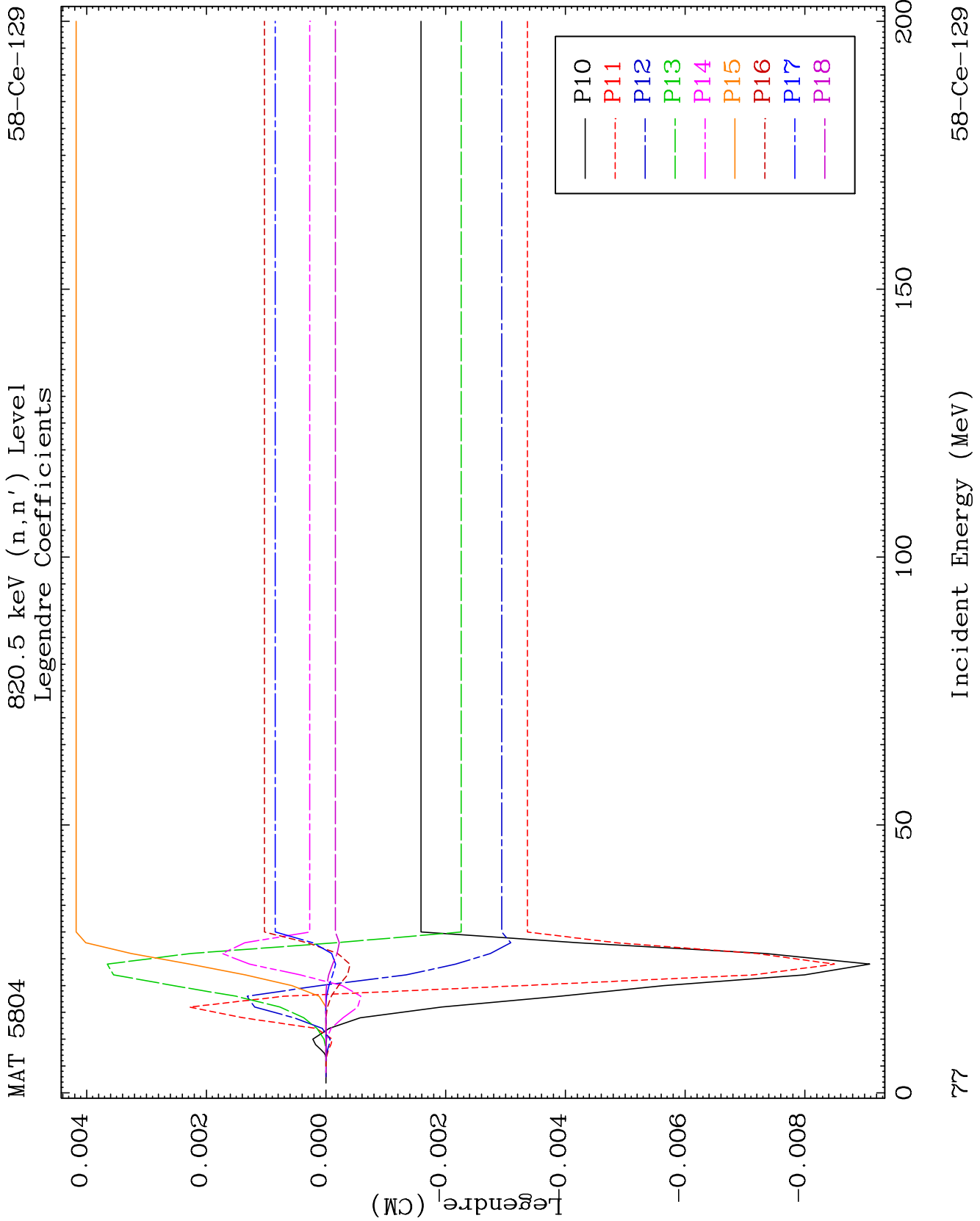
58-Ce-129

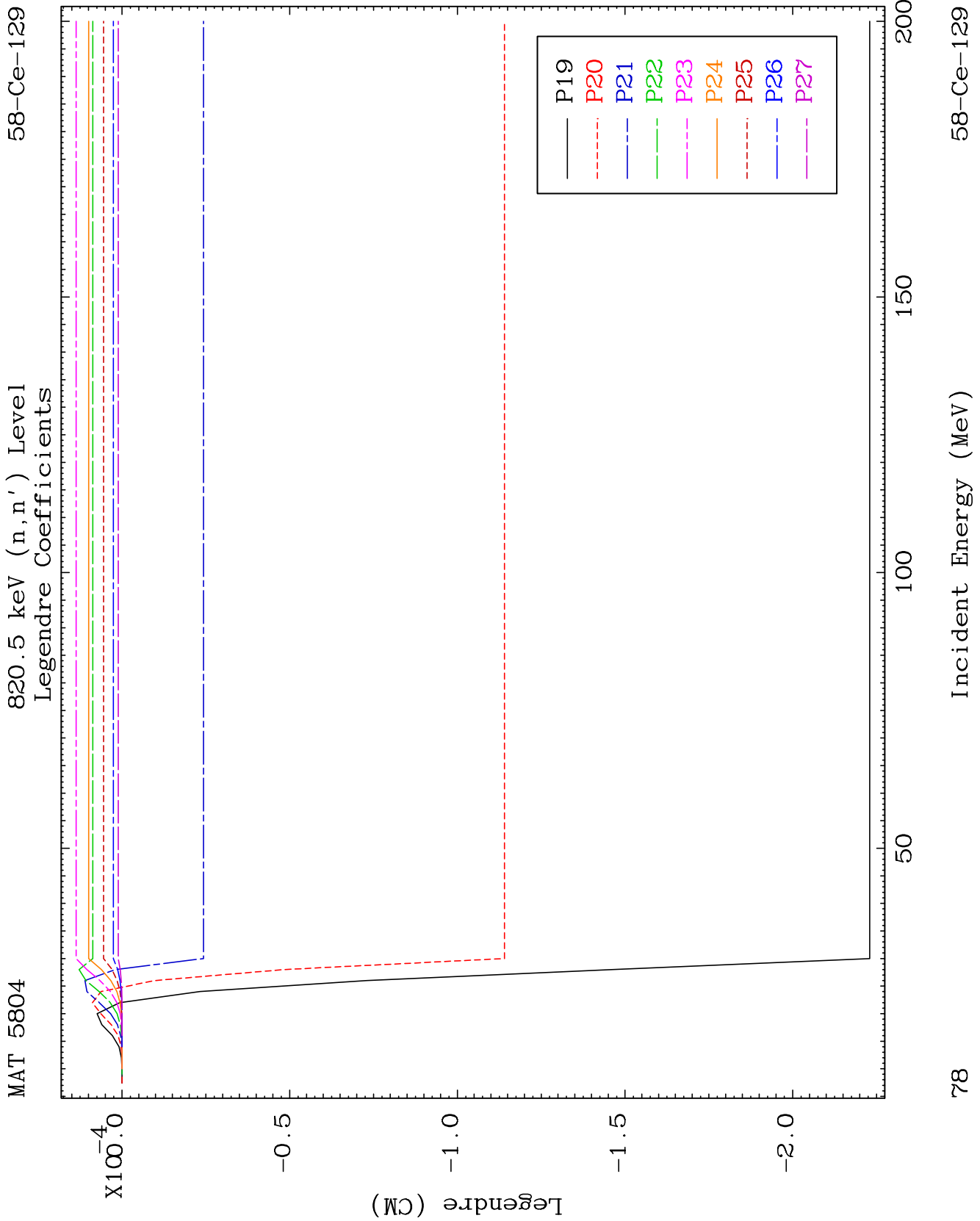


75

Incident Energy (MeV)

58-Ce-129

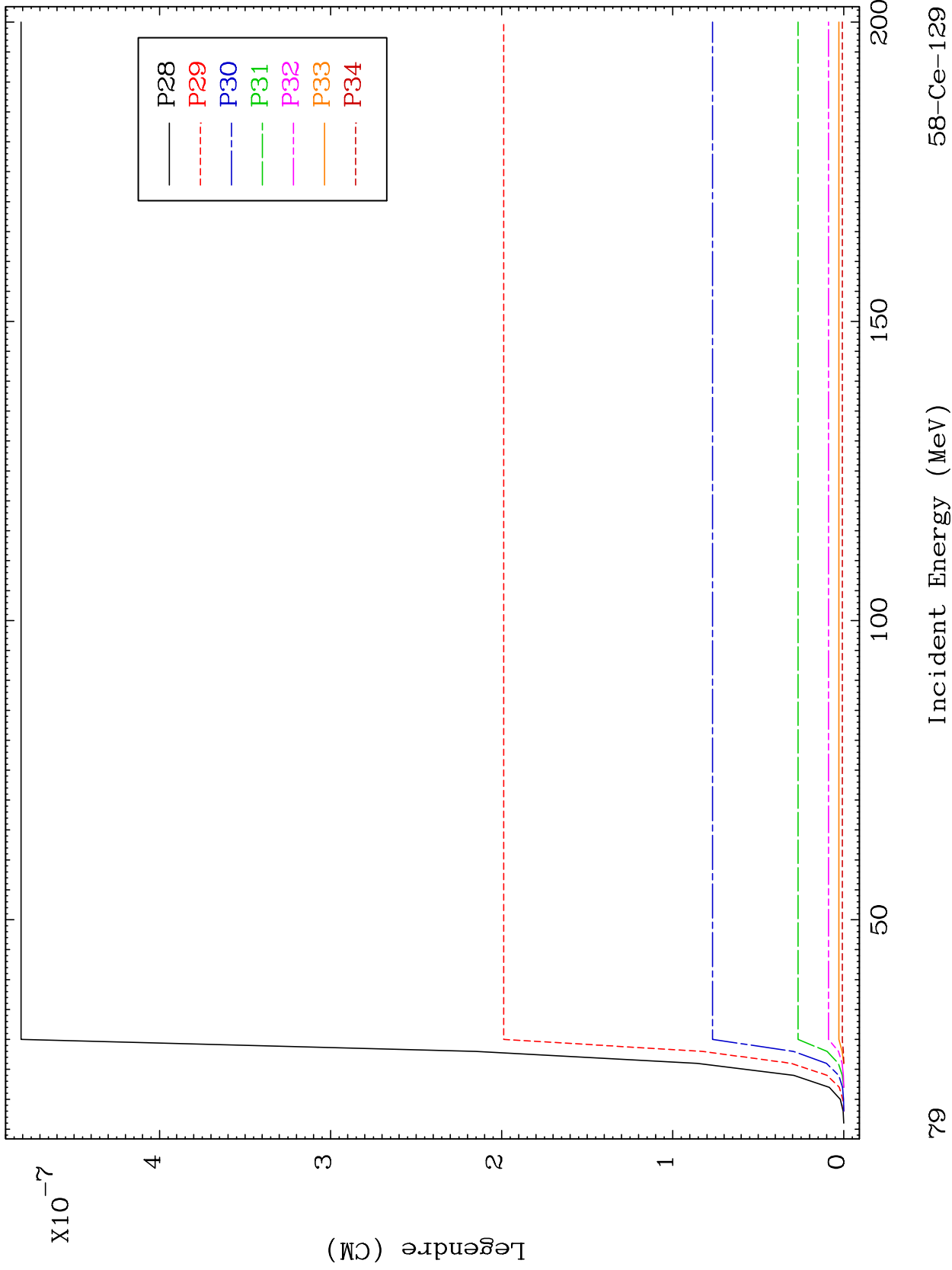




MAT 5804

820.5 keV (n,n') Level
Legendre Coefficients

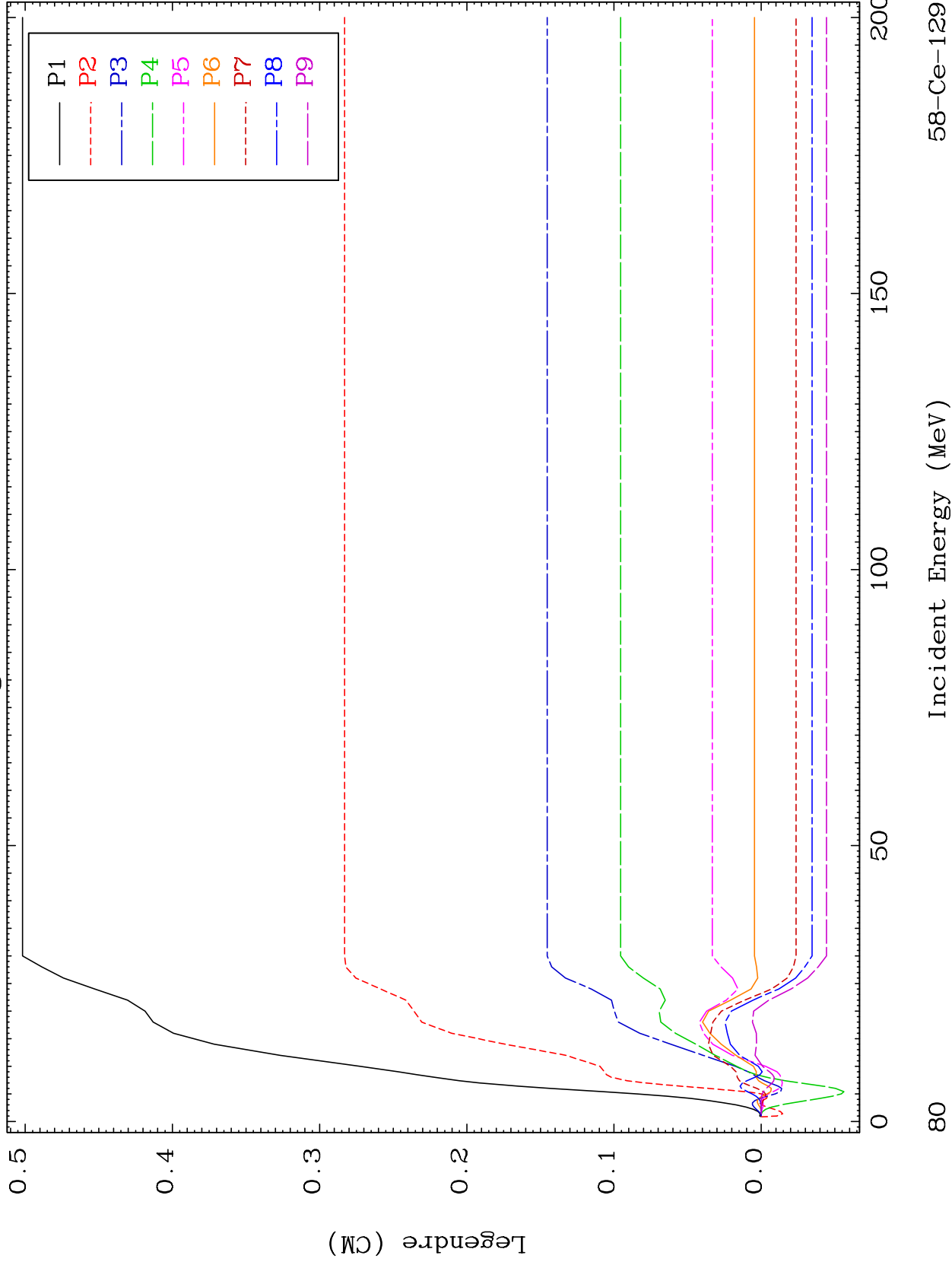
58-Ce-129



MAT 5804

830.0 keV (n,n') Level
Legendre Coefficients

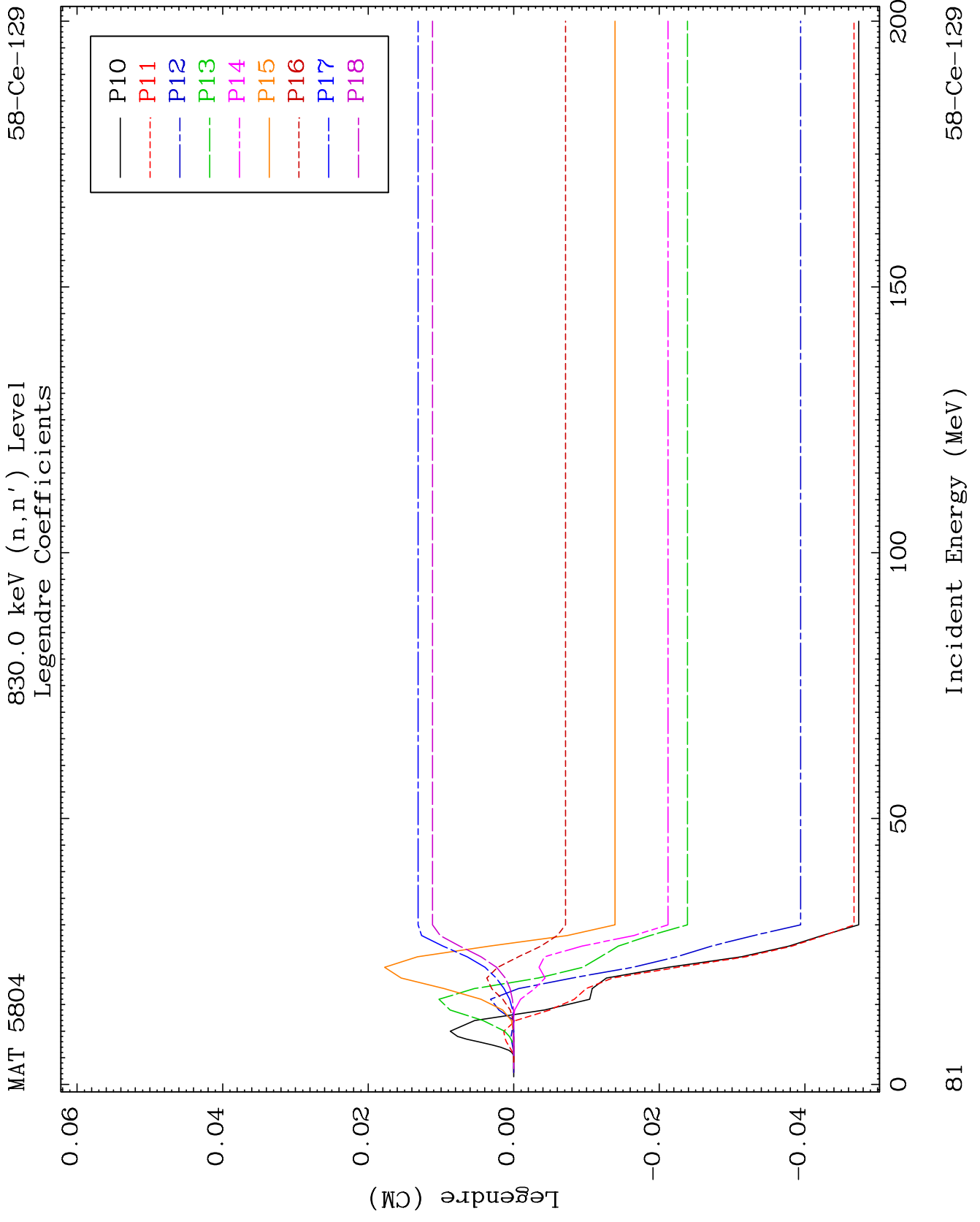
58-Ce-129



58-Ce-129

Incident Energy (MeV)

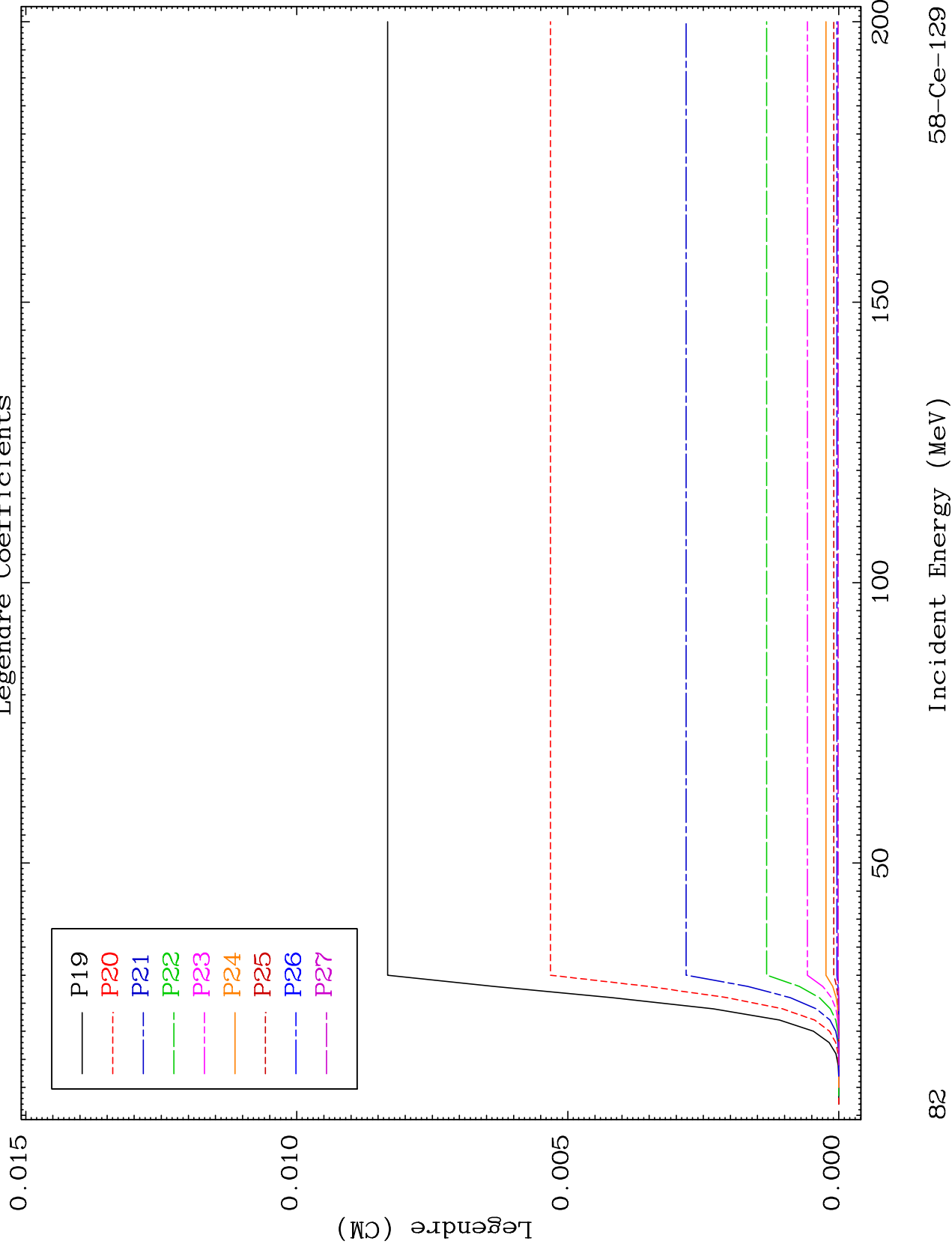
80



MAT 5804

830.0 keV (n,n') Level
Legendre Coefficients

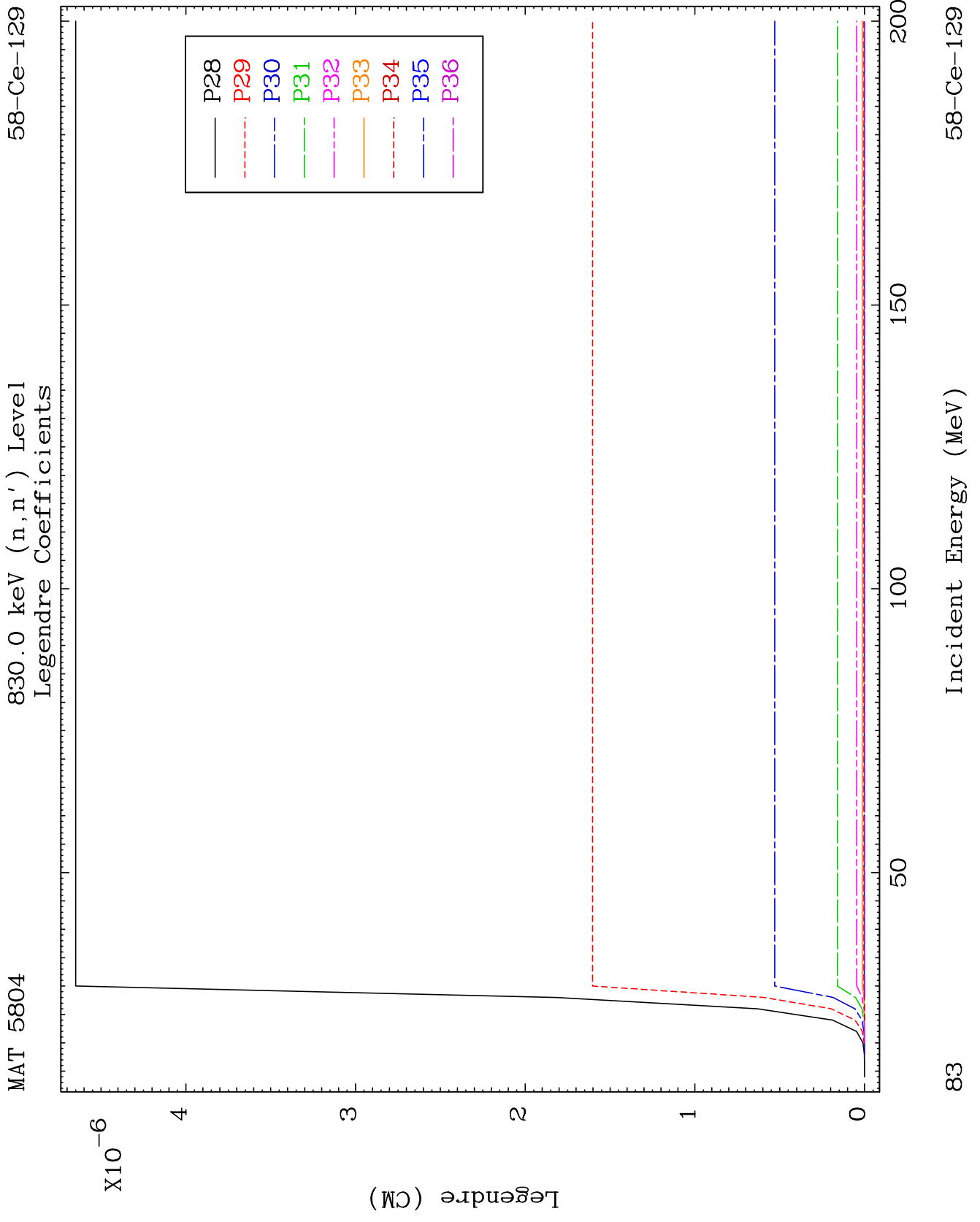
58-Ce-129



82

Incident Energy (MeV)

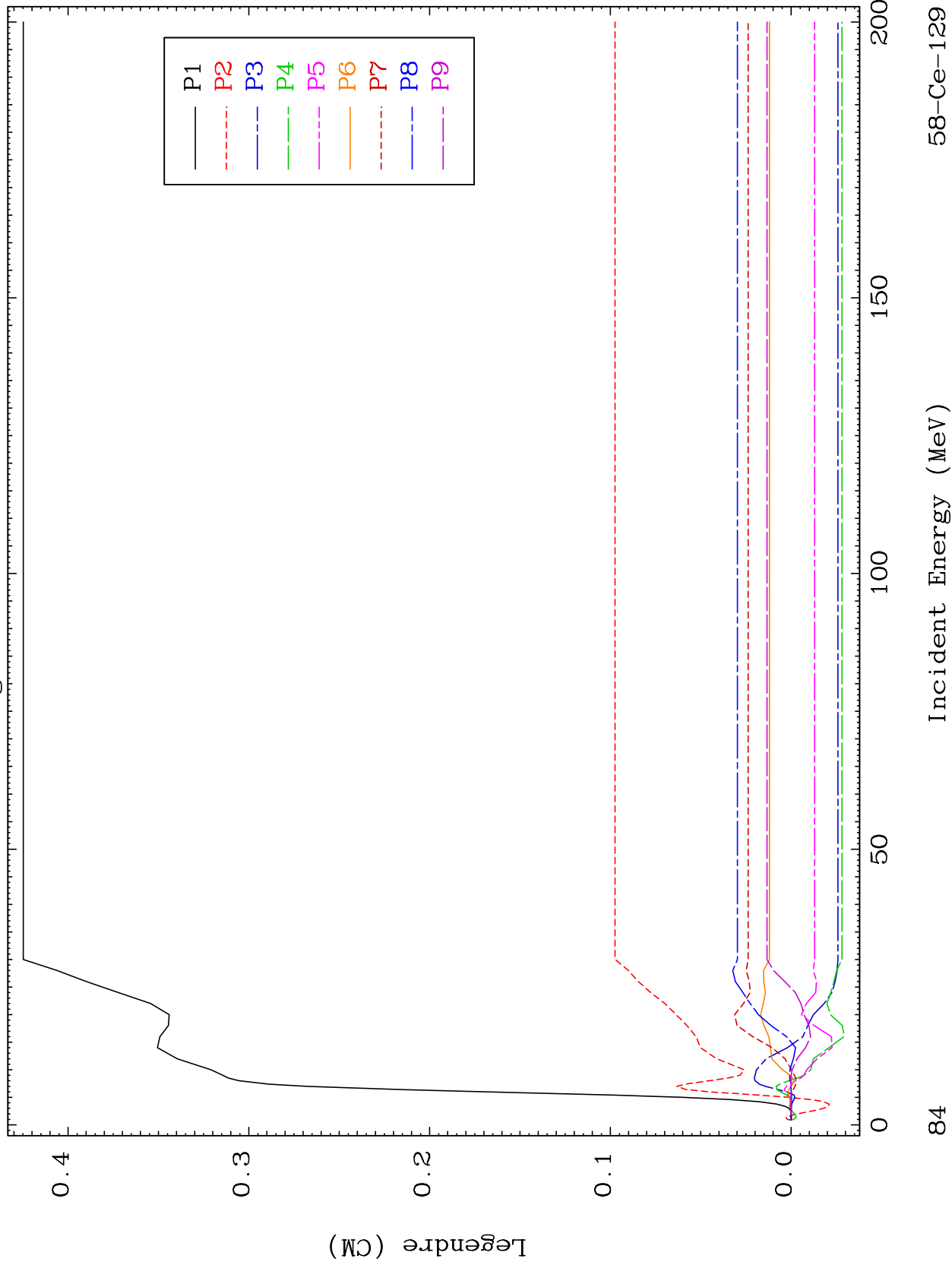
58-Ce-129



MAT 5804

866.0 keV (n,n') Level
Legendre Coefficients

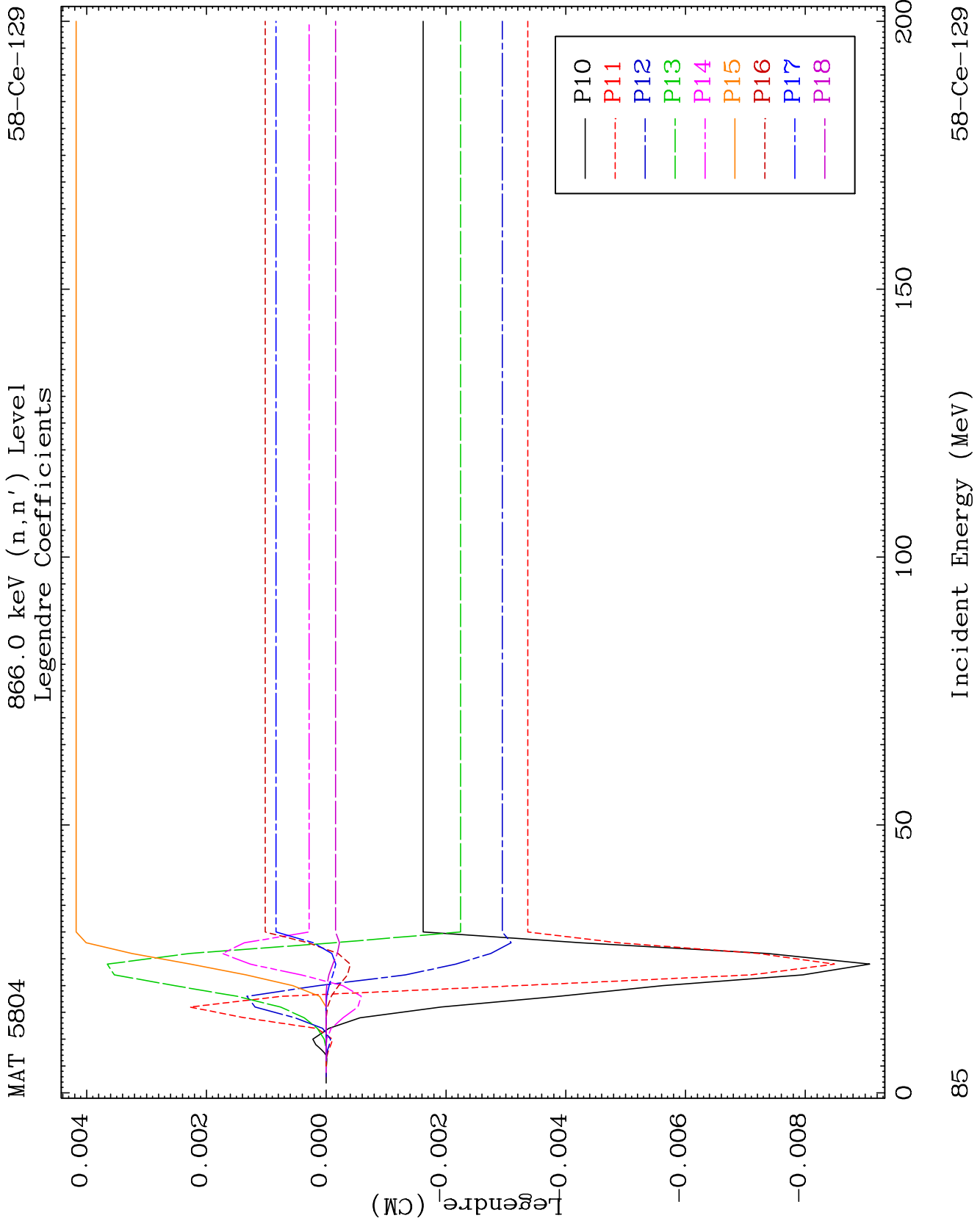
58-Ce-129

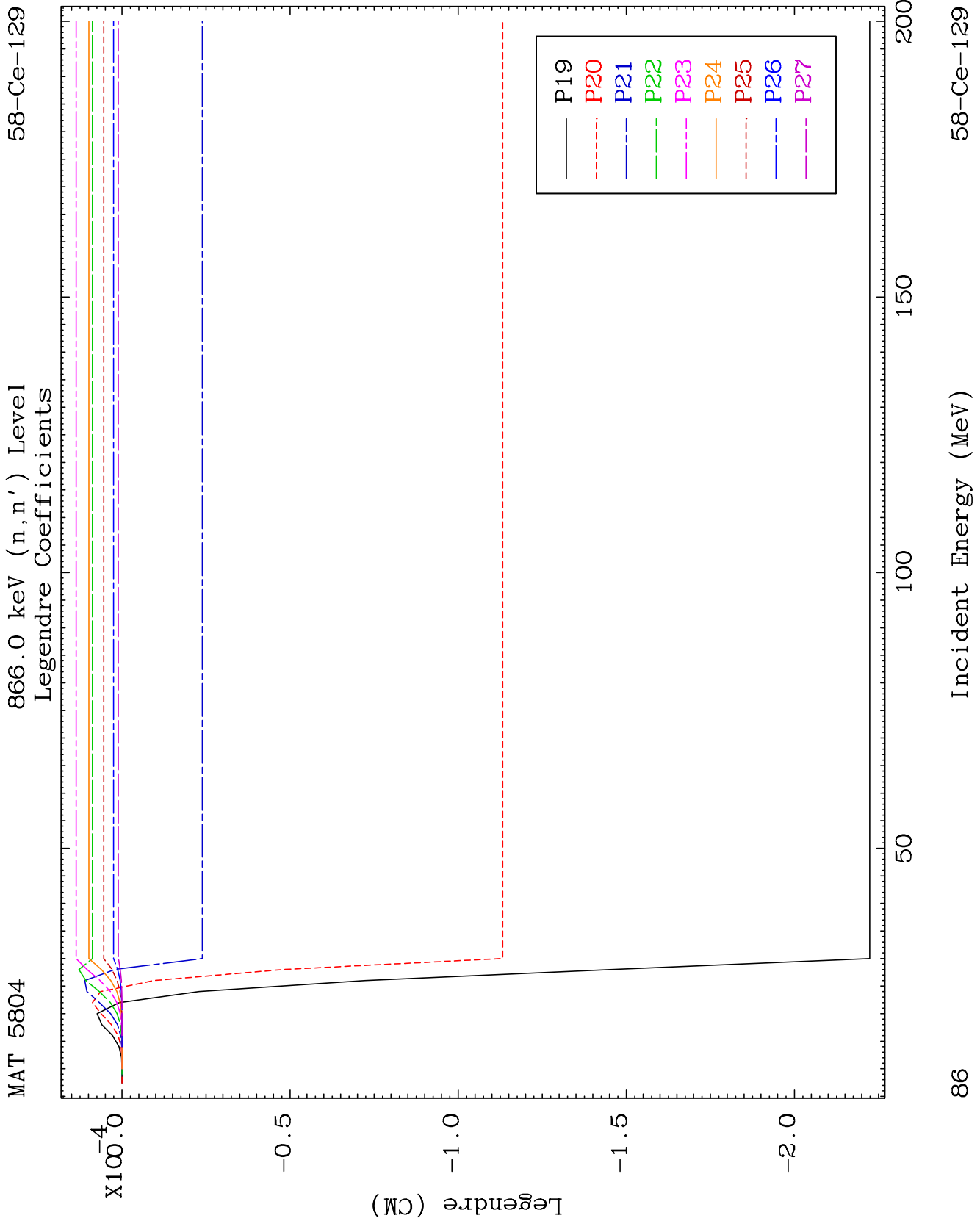


58-Ce-129

Incident Energy (MeV)

84

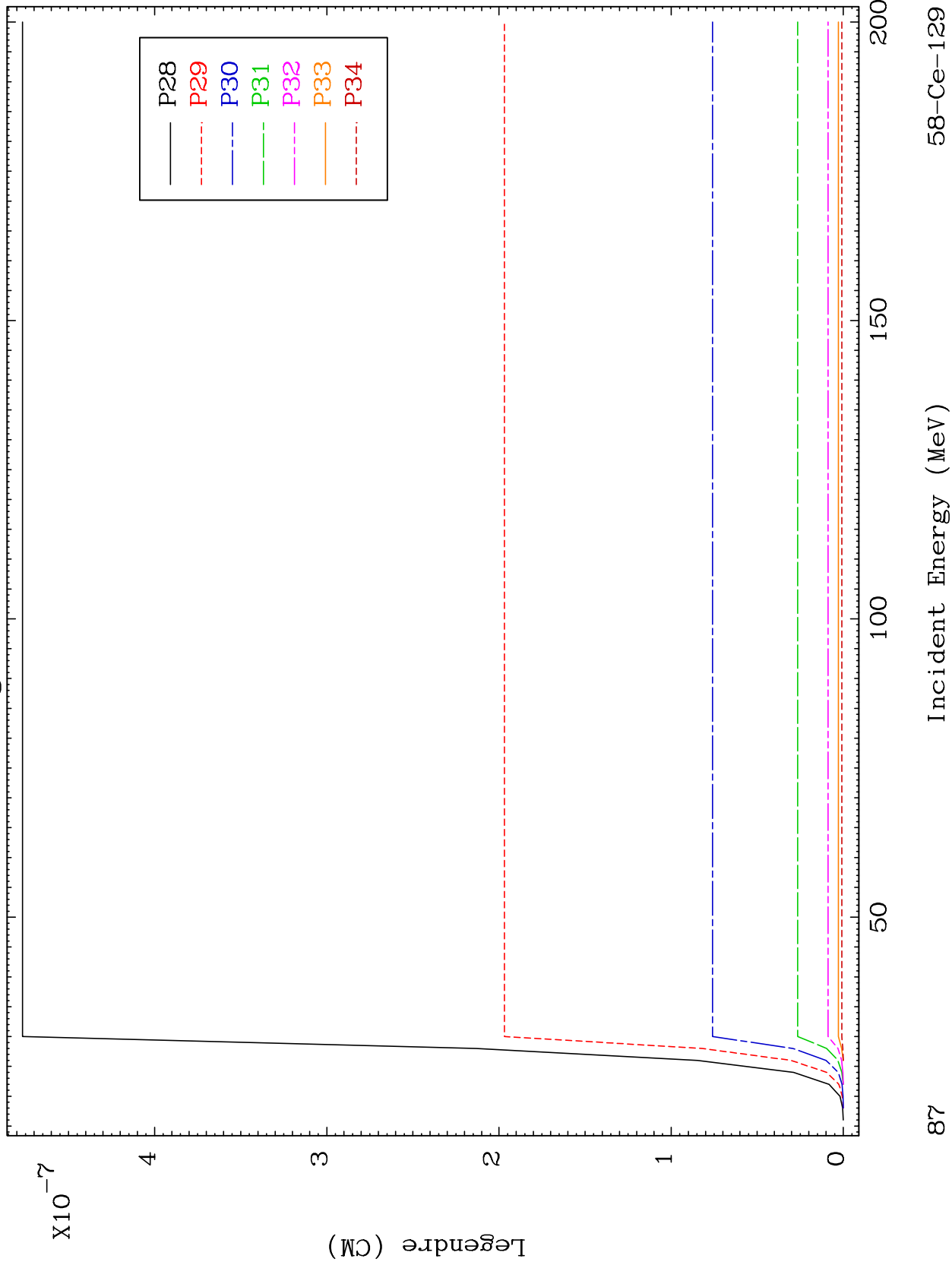




MAT 5804

866.0 keV (n,n') Level
Legendre Coefficients

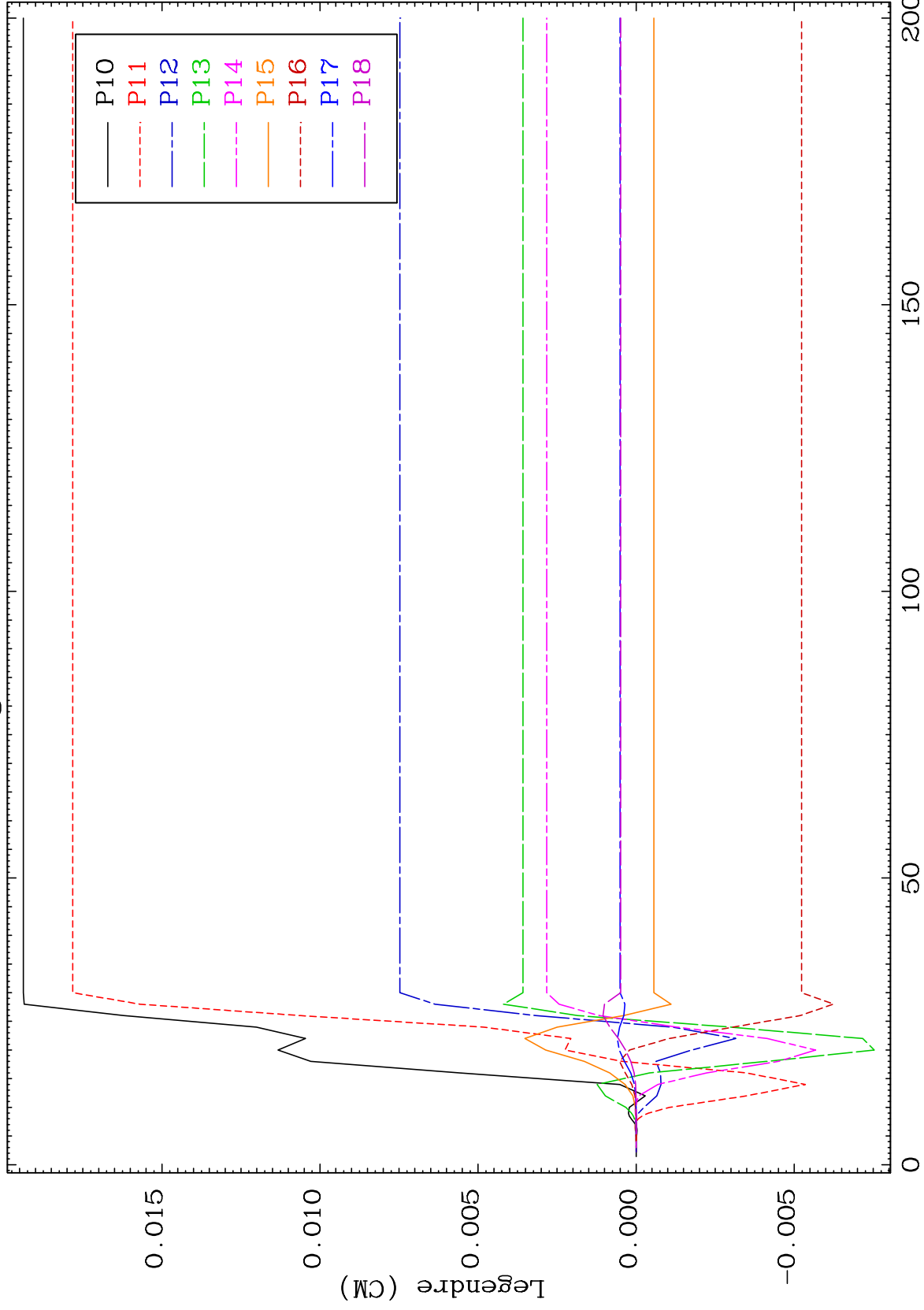
58-Ce-129



MAT 5804

980.6 keV (n,n') Level
Legendre Coefficients

58-Ce-129



89

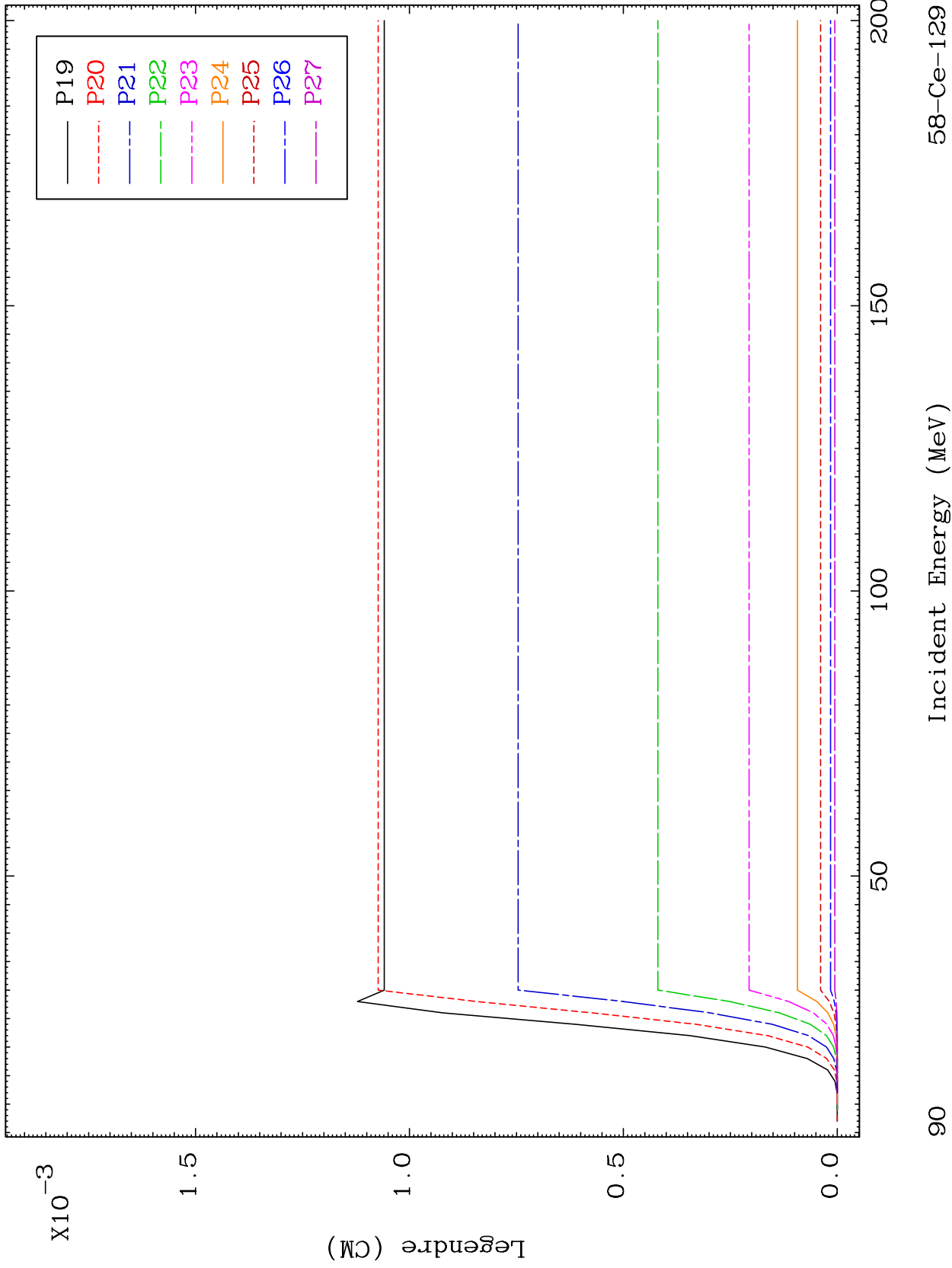
Incident Energy (MeV)

58-Ce-129

MAT 5804

980.6 keV (n,n') Level
Legendre Coefficients

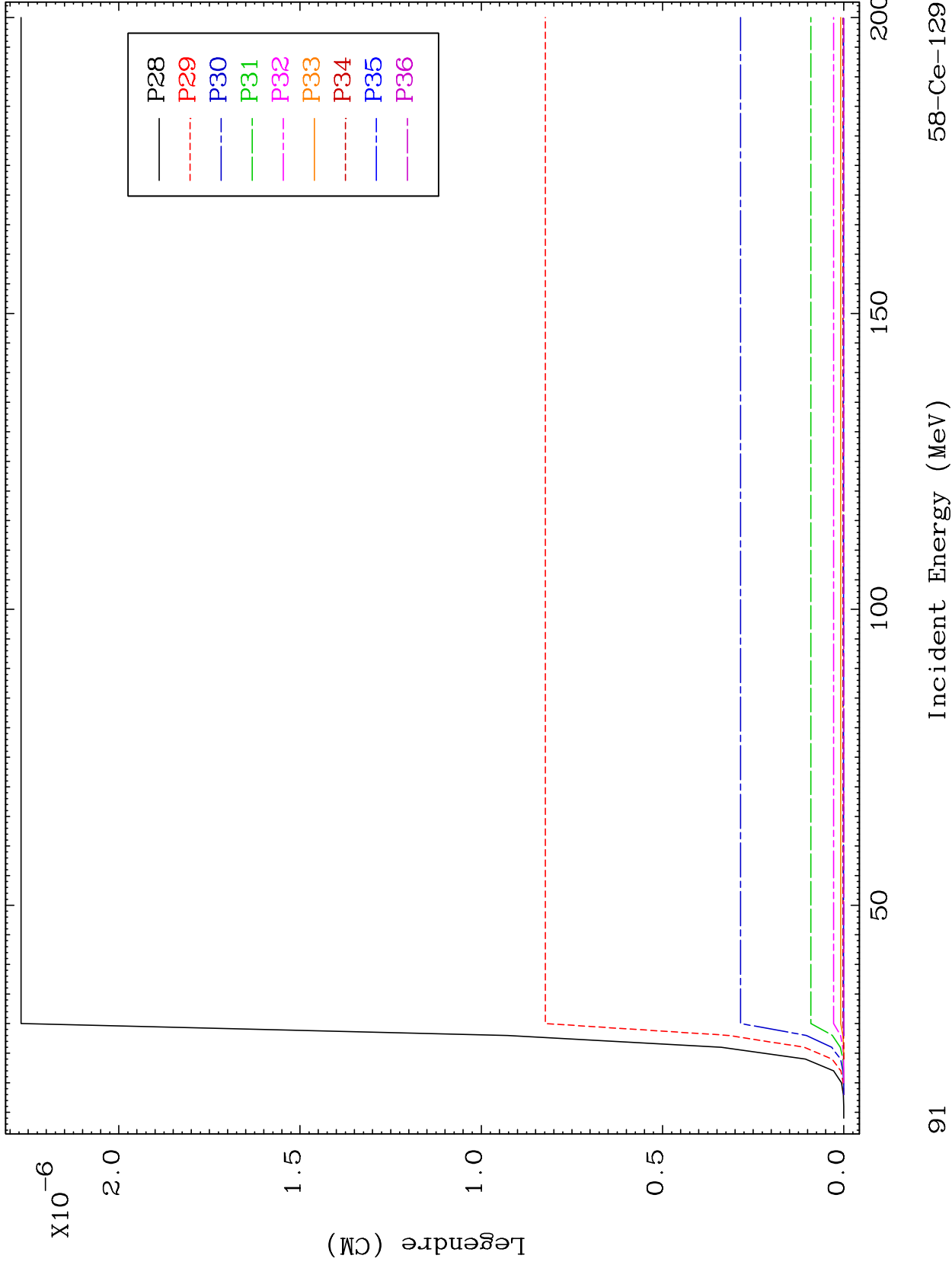
58-Ce-129



MAT 5804

980.6 keV (n,n') Level
Legendre Coefficients

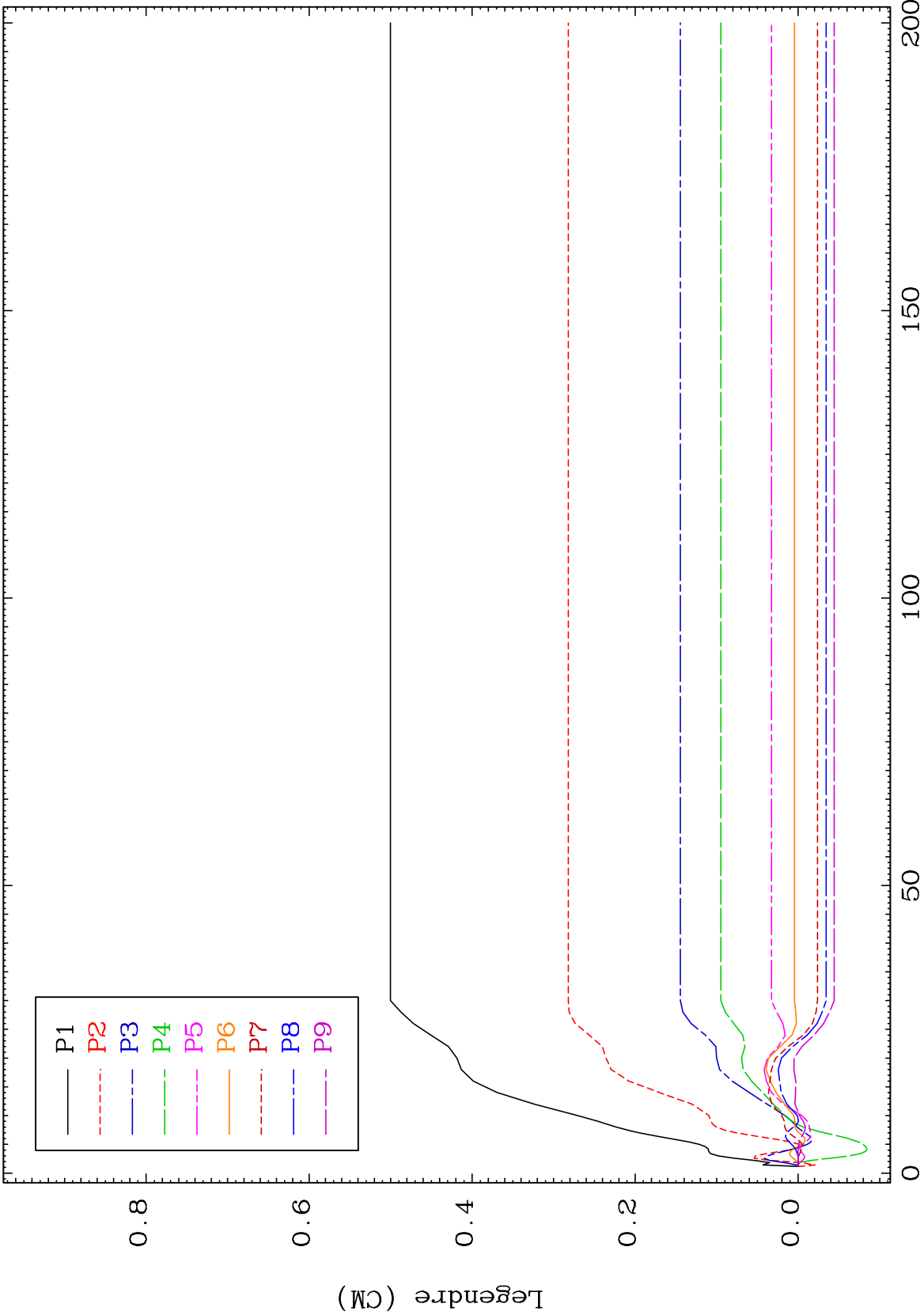
58-Ce-129



MAT 5804

1.135 MeV (n,n') Level Legendre Coefficients

58-Ce-129



92

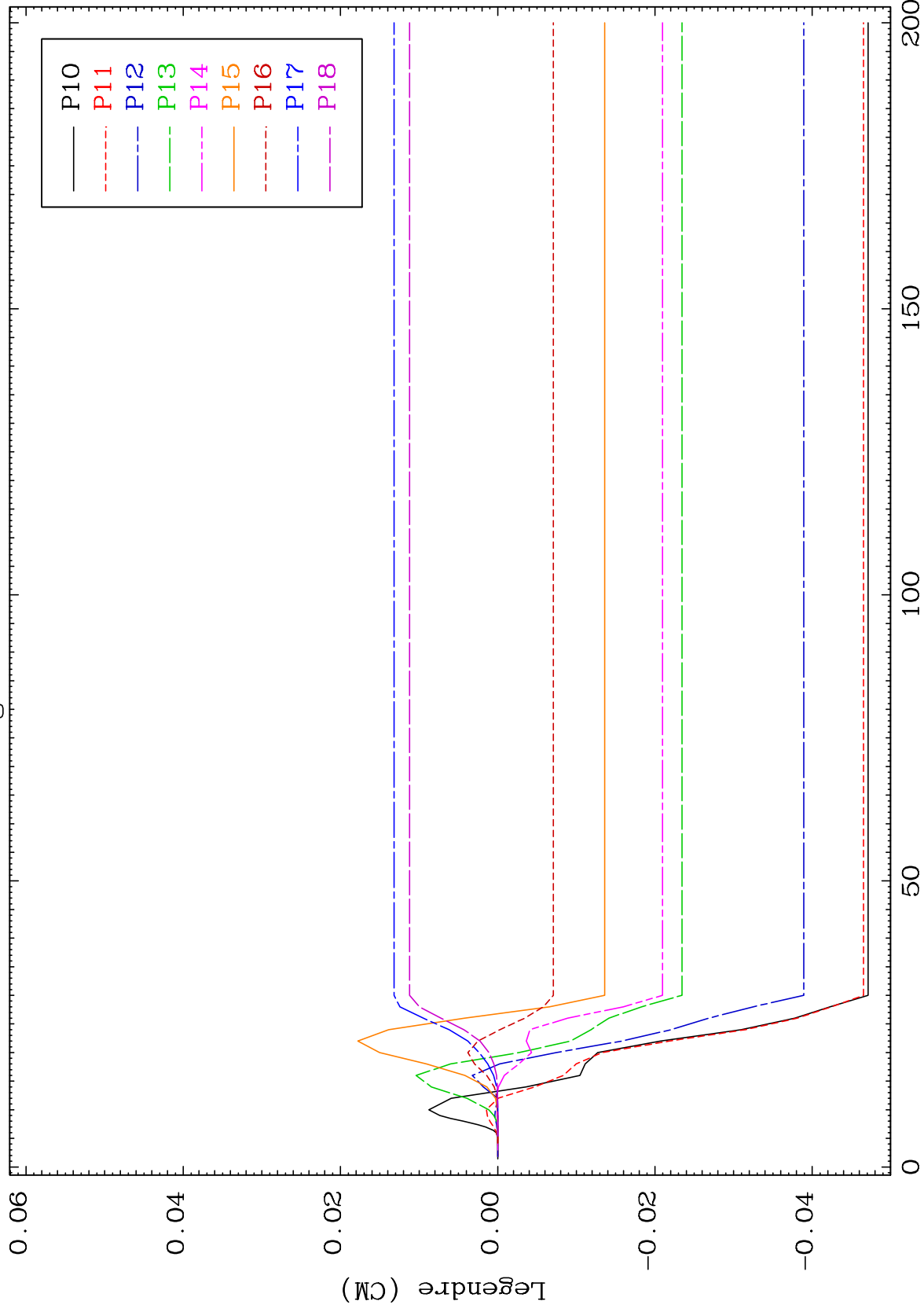
Incident Energy (MeV)

58-Ce-129

MAT 5804

1.135 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



93

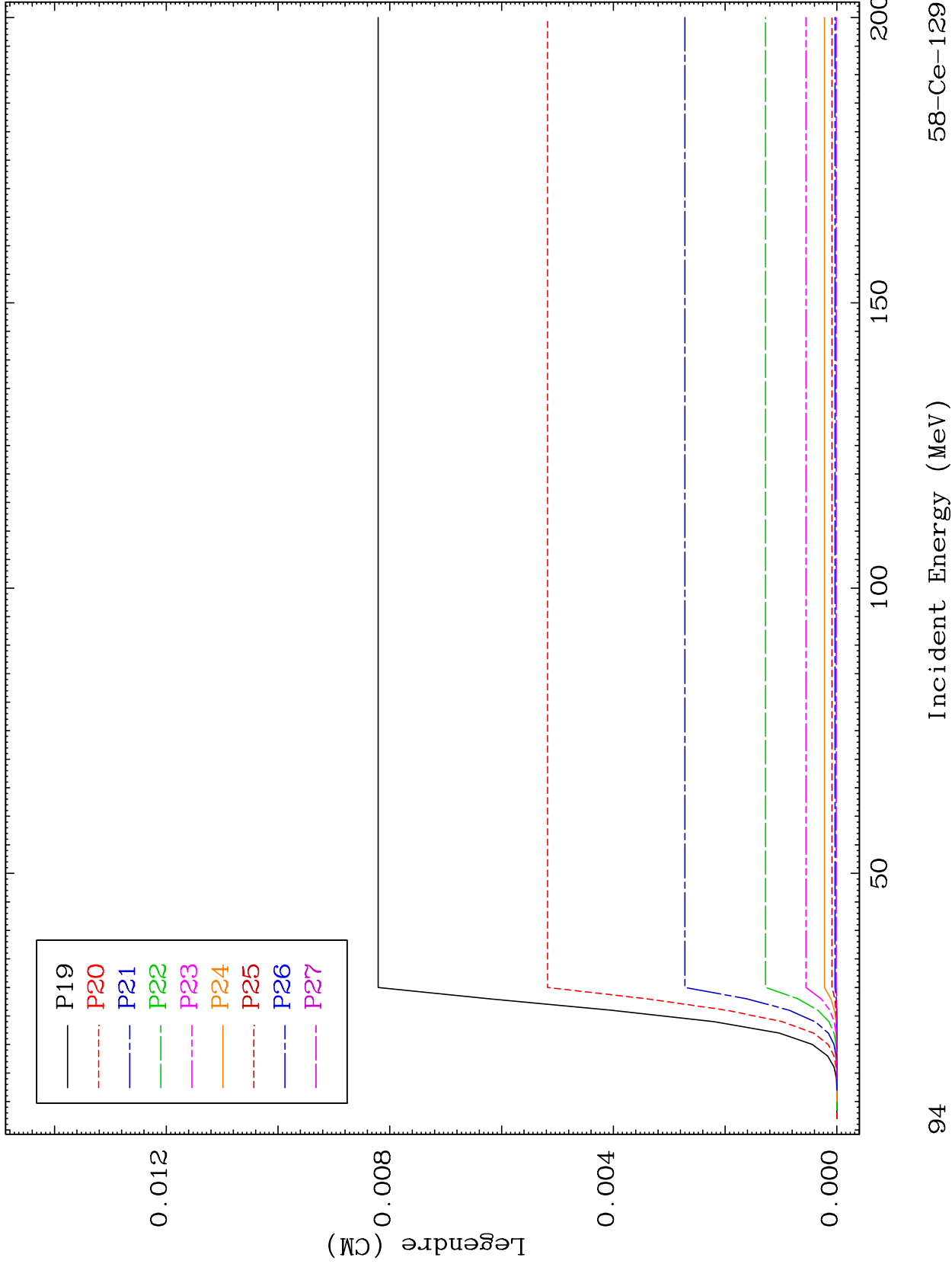
Incident Energy (MeV)

58-Ce-129

MAT 5804

1.135 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



94

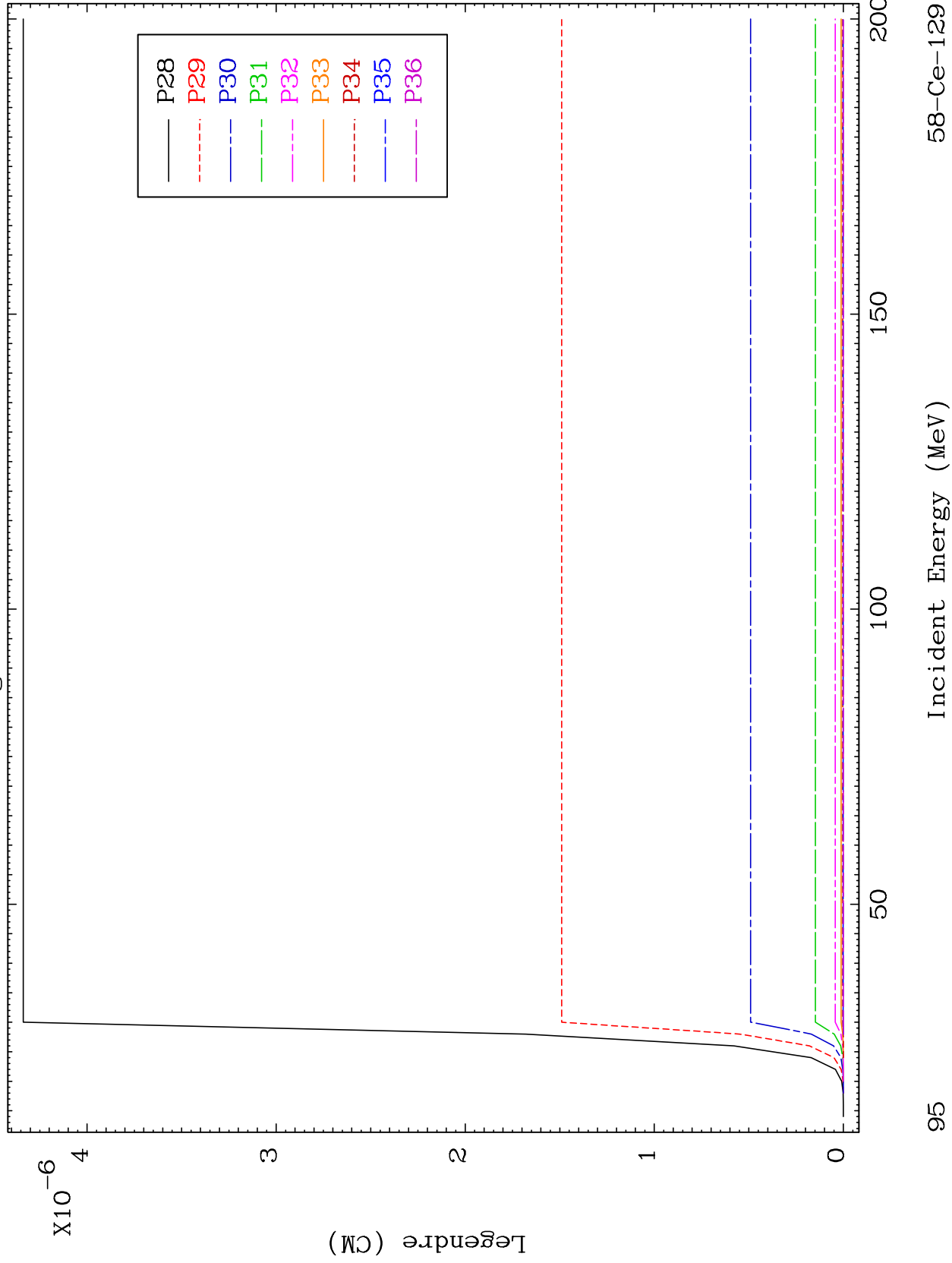
Incident Energy (MeV)

58-Ce-129

MAT 5804

1.135 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



95

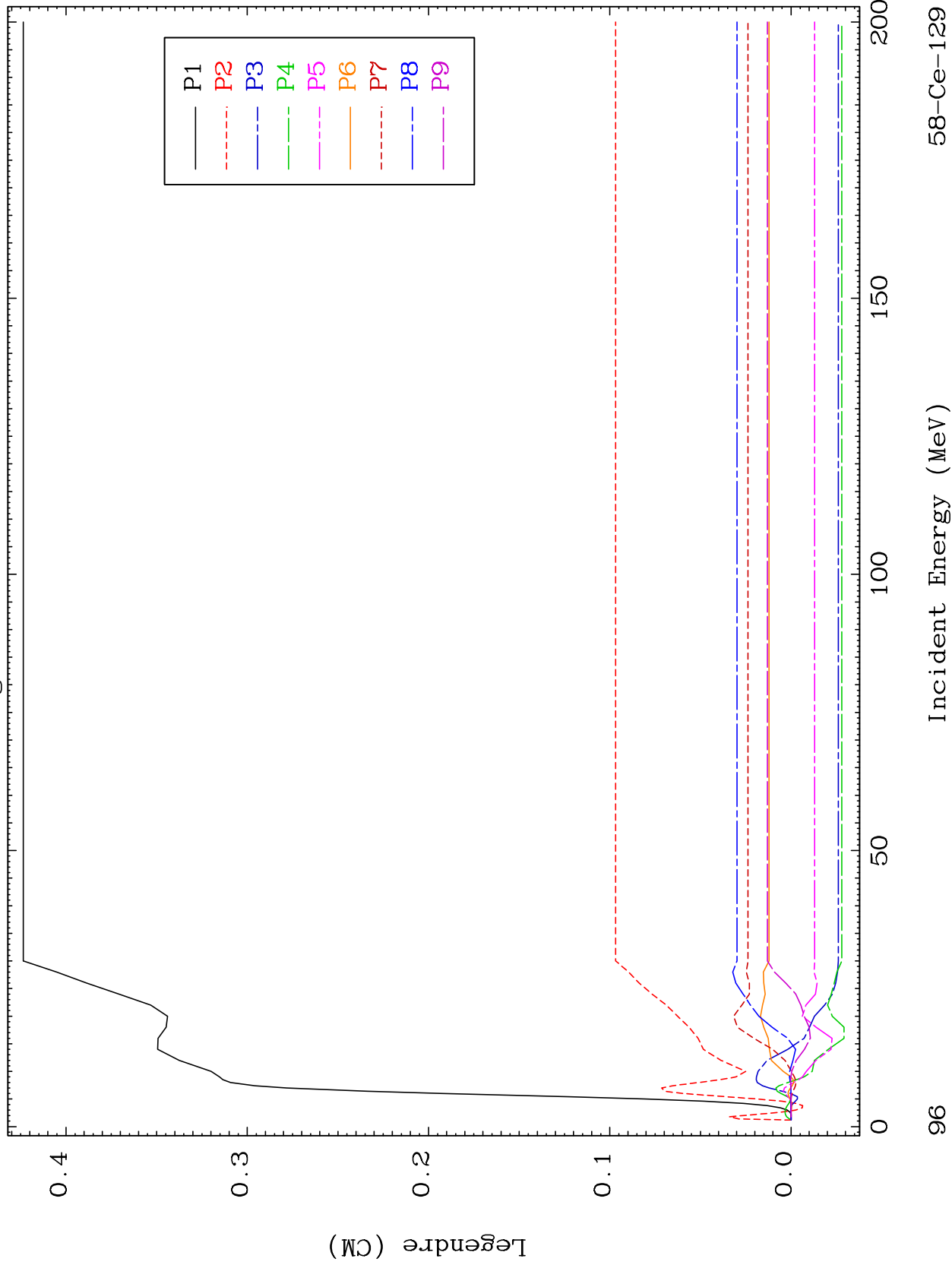
Incident Energy (MeV)

58-Ce-129

MAT 5804

1.176 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



58-Ce-129

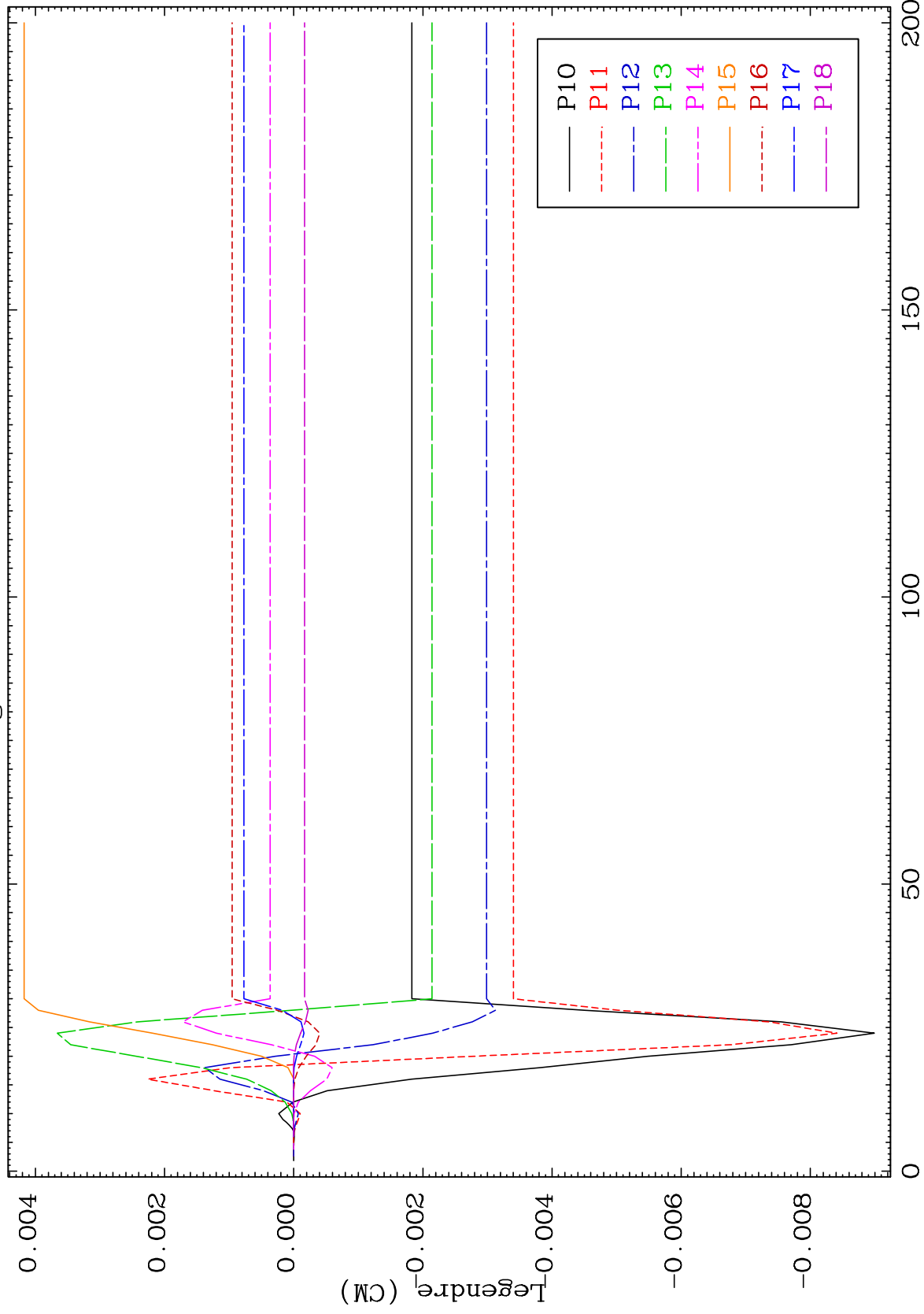
Incident Energy (MeV)

96

MAT 5804

1.176 MeV (n,n') Level
Legendre Coefficients

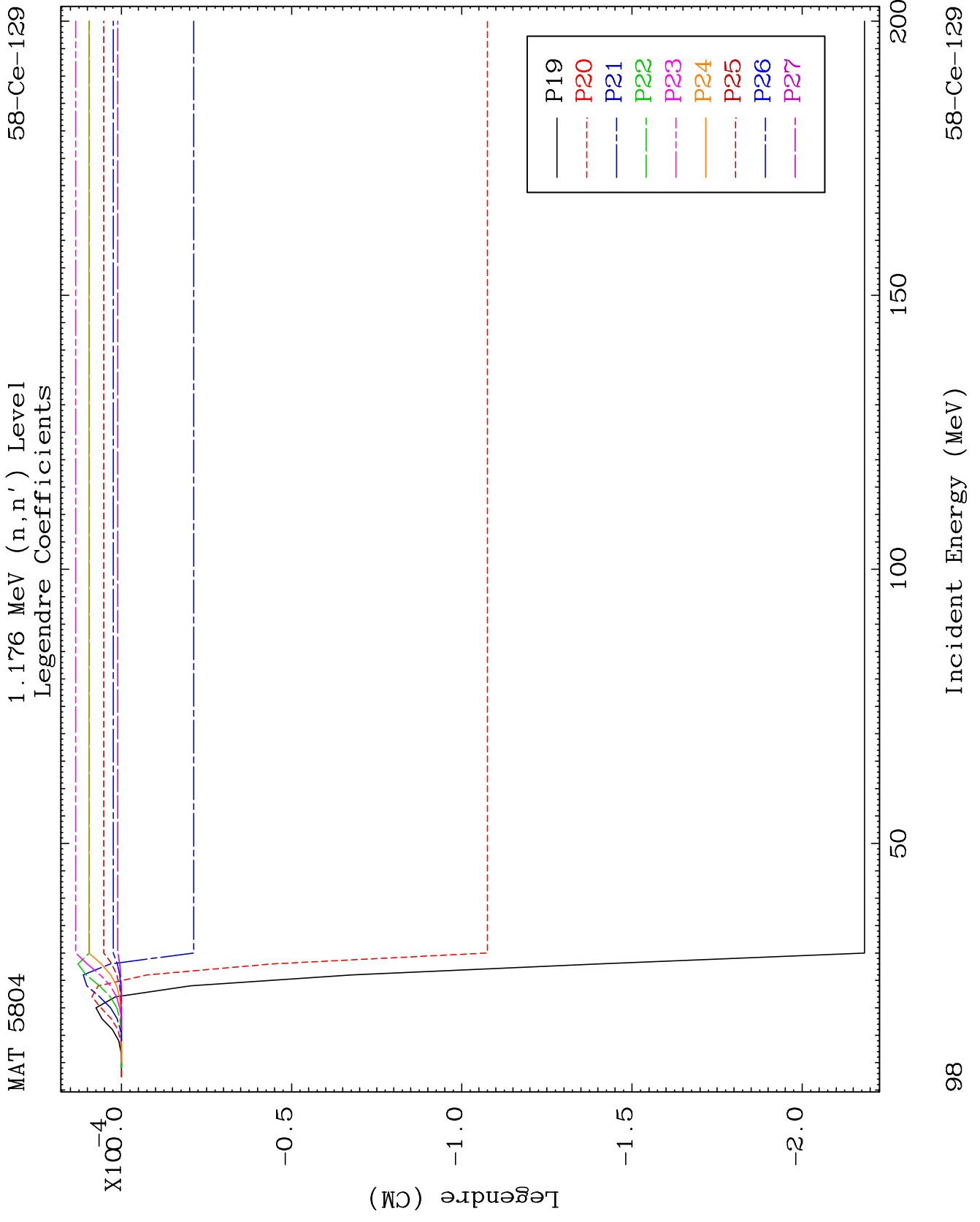
58-Ce-129



97

Incident Energy (MeV)

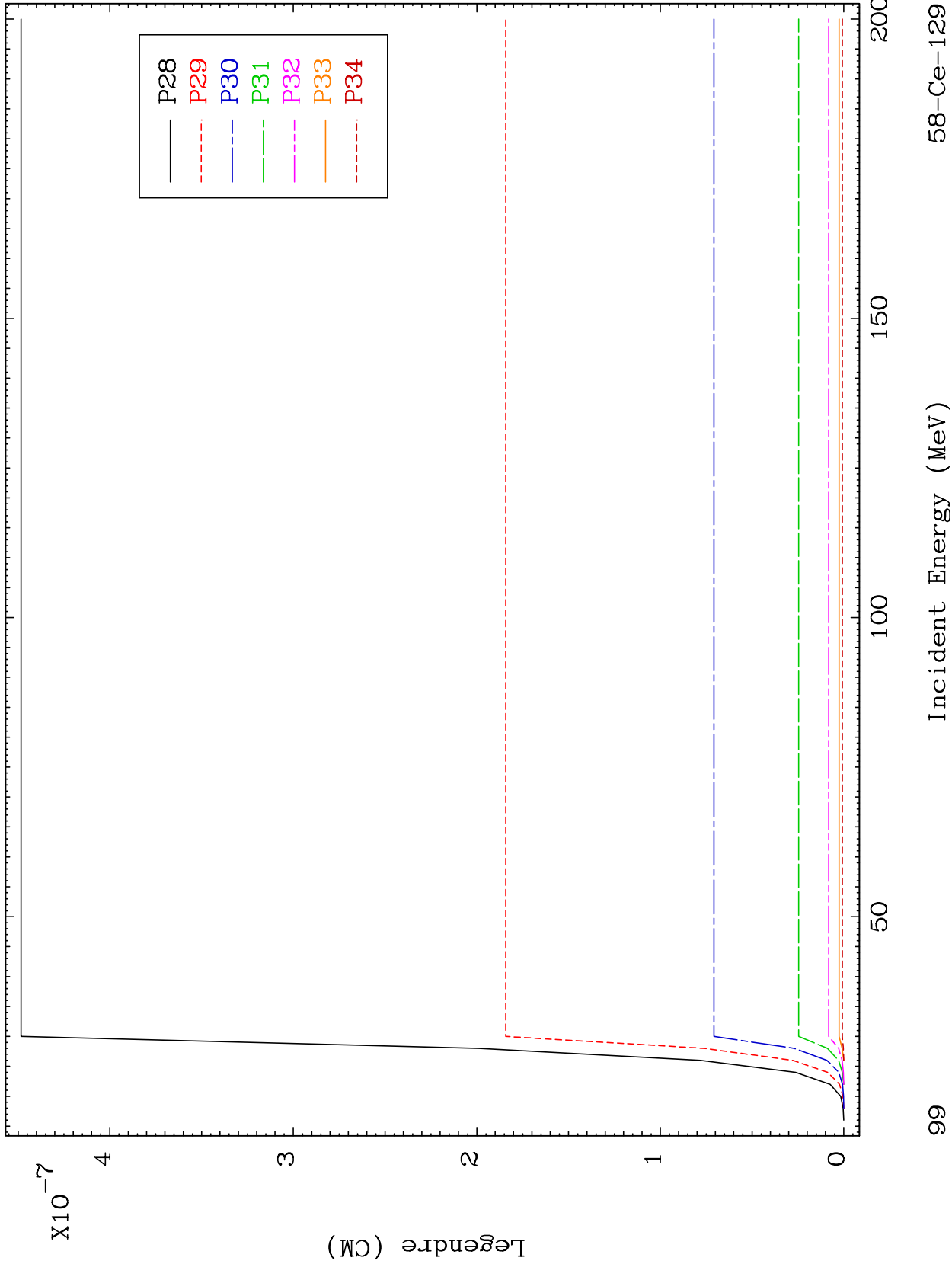
58-Ce-129



MAT 5804

1.176 MeV (n,n') Level
Legendre Coefficients

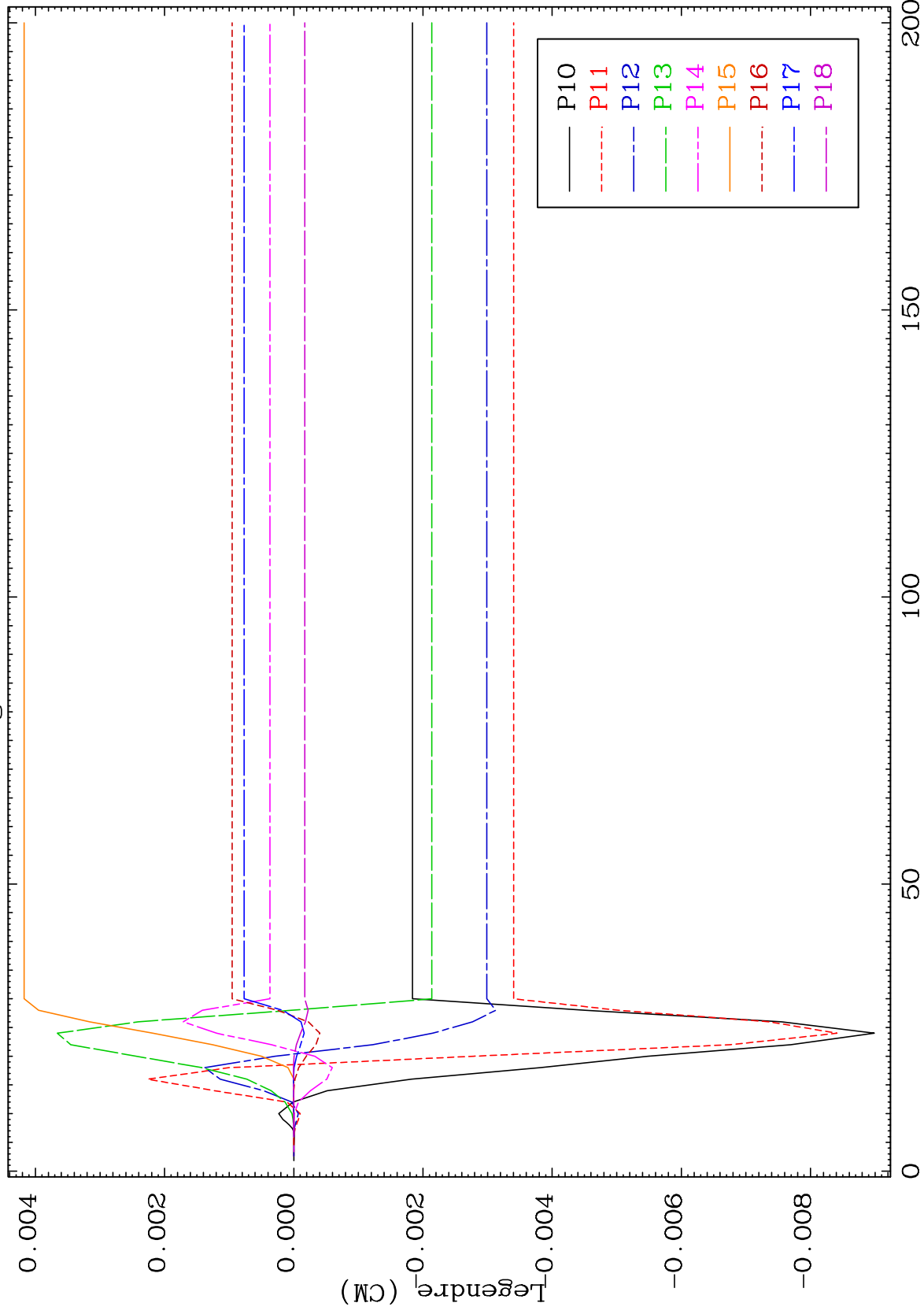
58-Ce-129



MAT 5804

1.186 MeV (n,n') Level
Legendre Coefficients

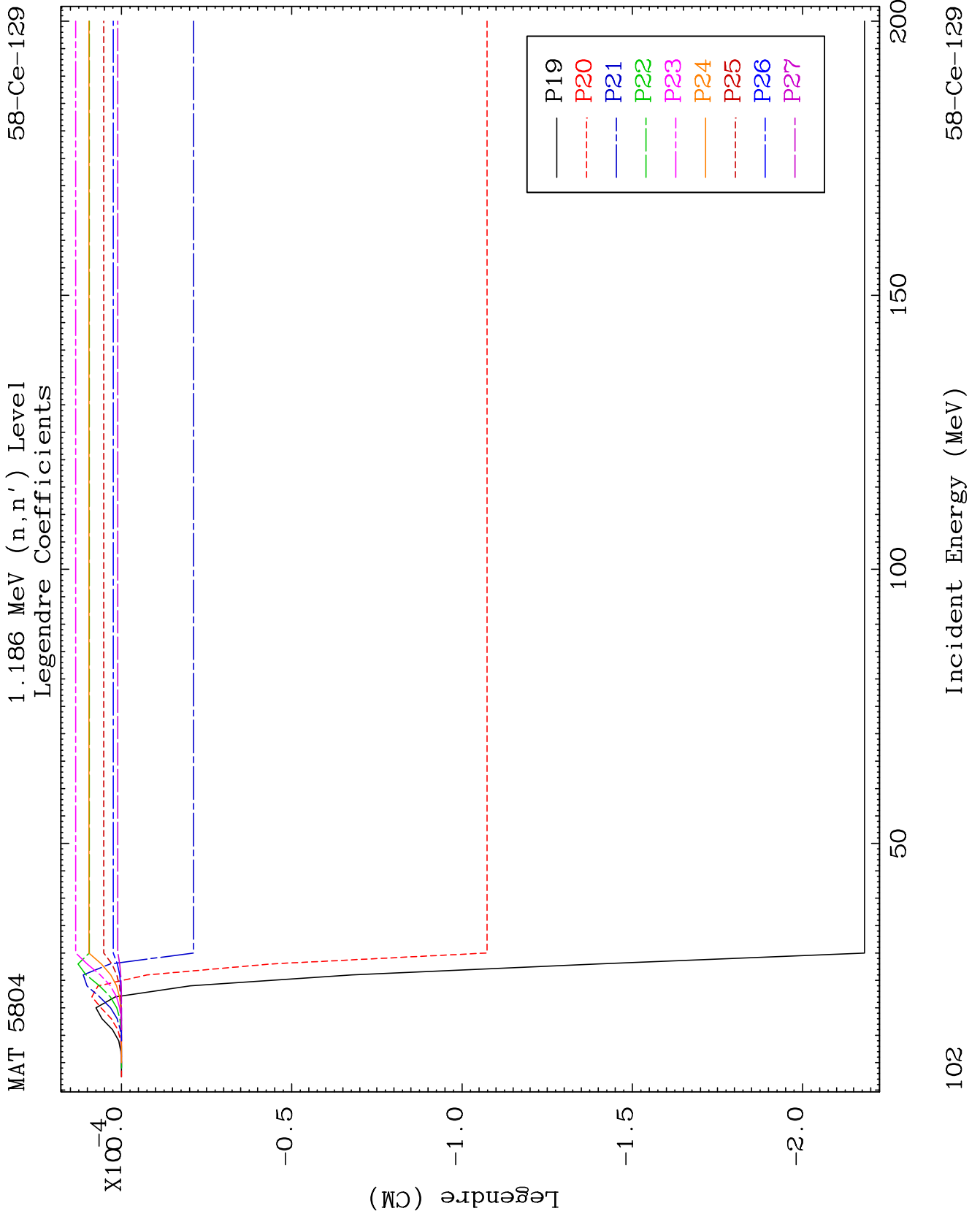
58-Ce-129



101

Incident Energy (MeV)

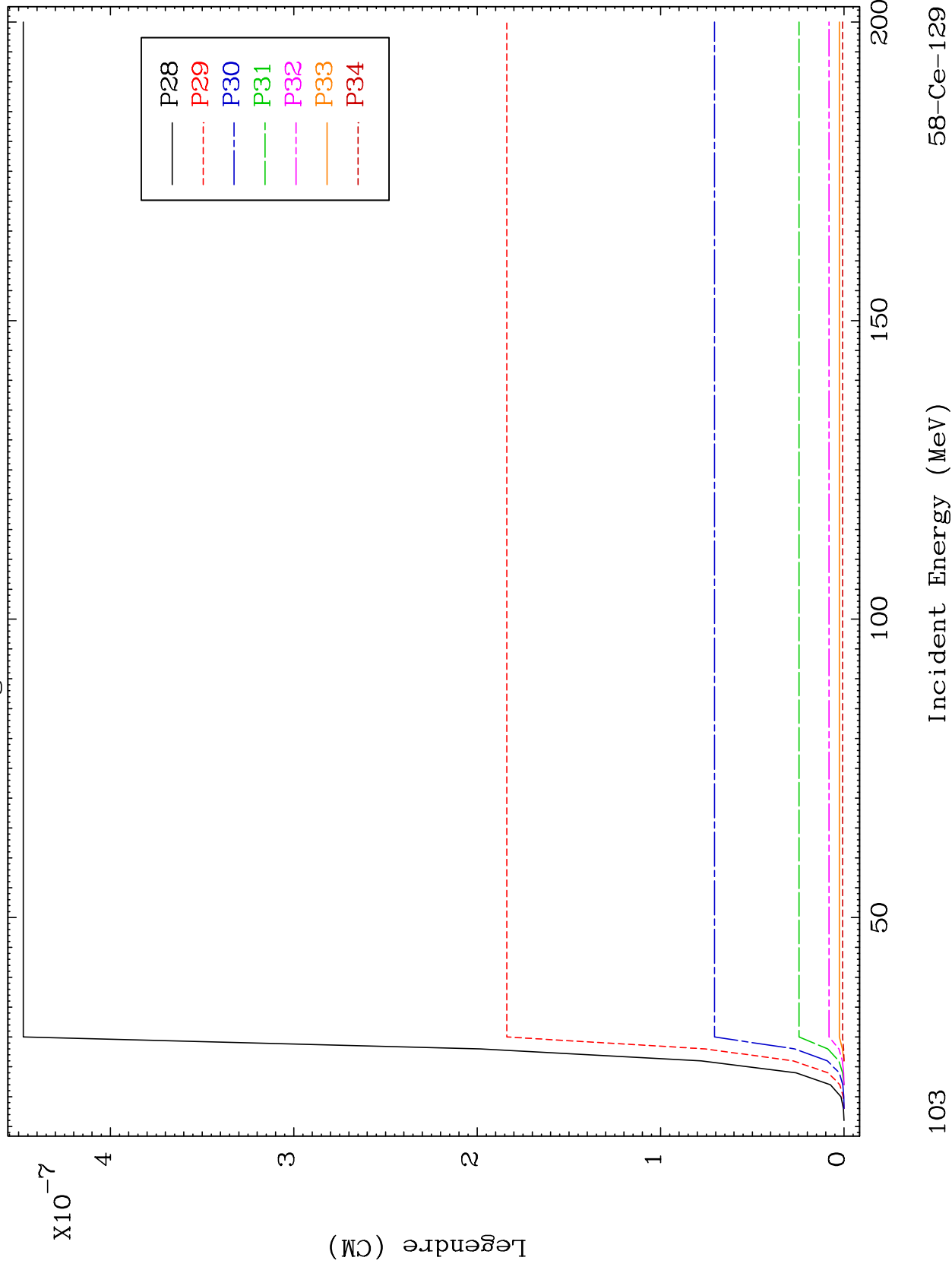
58-Ce-129

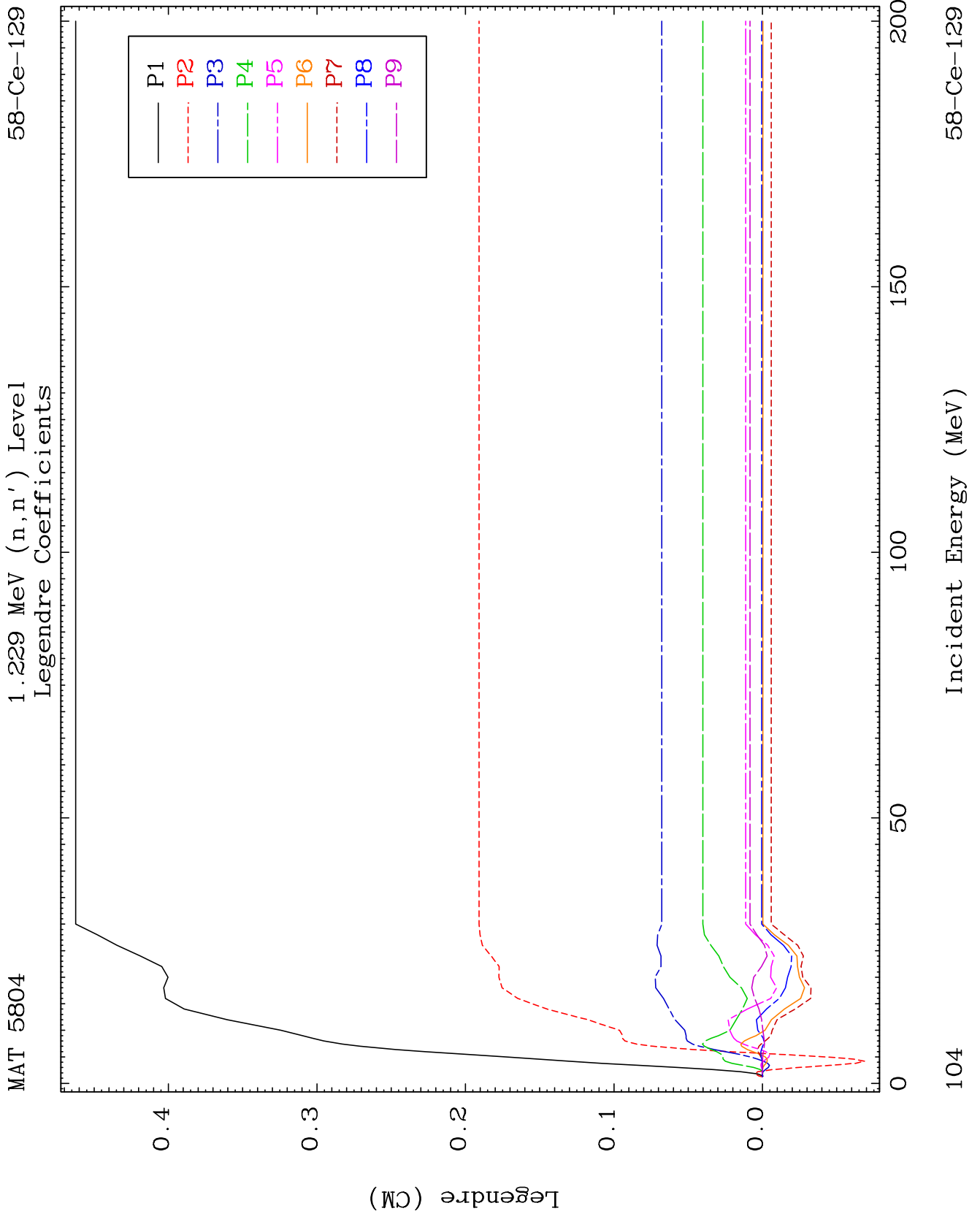


MAT 5804

1.186 MeV (n,n') Level
Legendre Coefficients

58-Ce-129

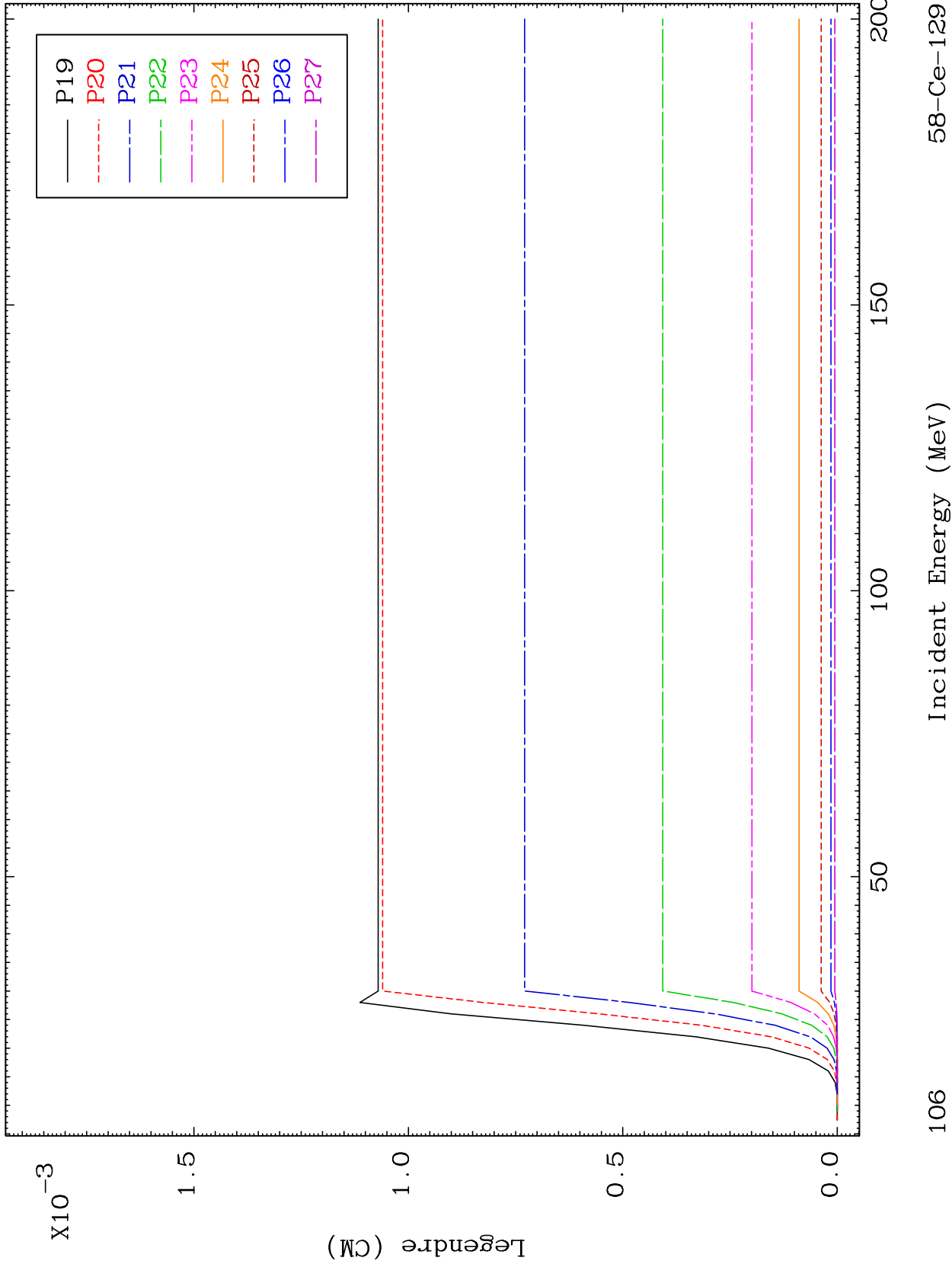




MAT 5804

1.229 MeV (n,n') Level
Legendre Coefficients

58-Ce-129

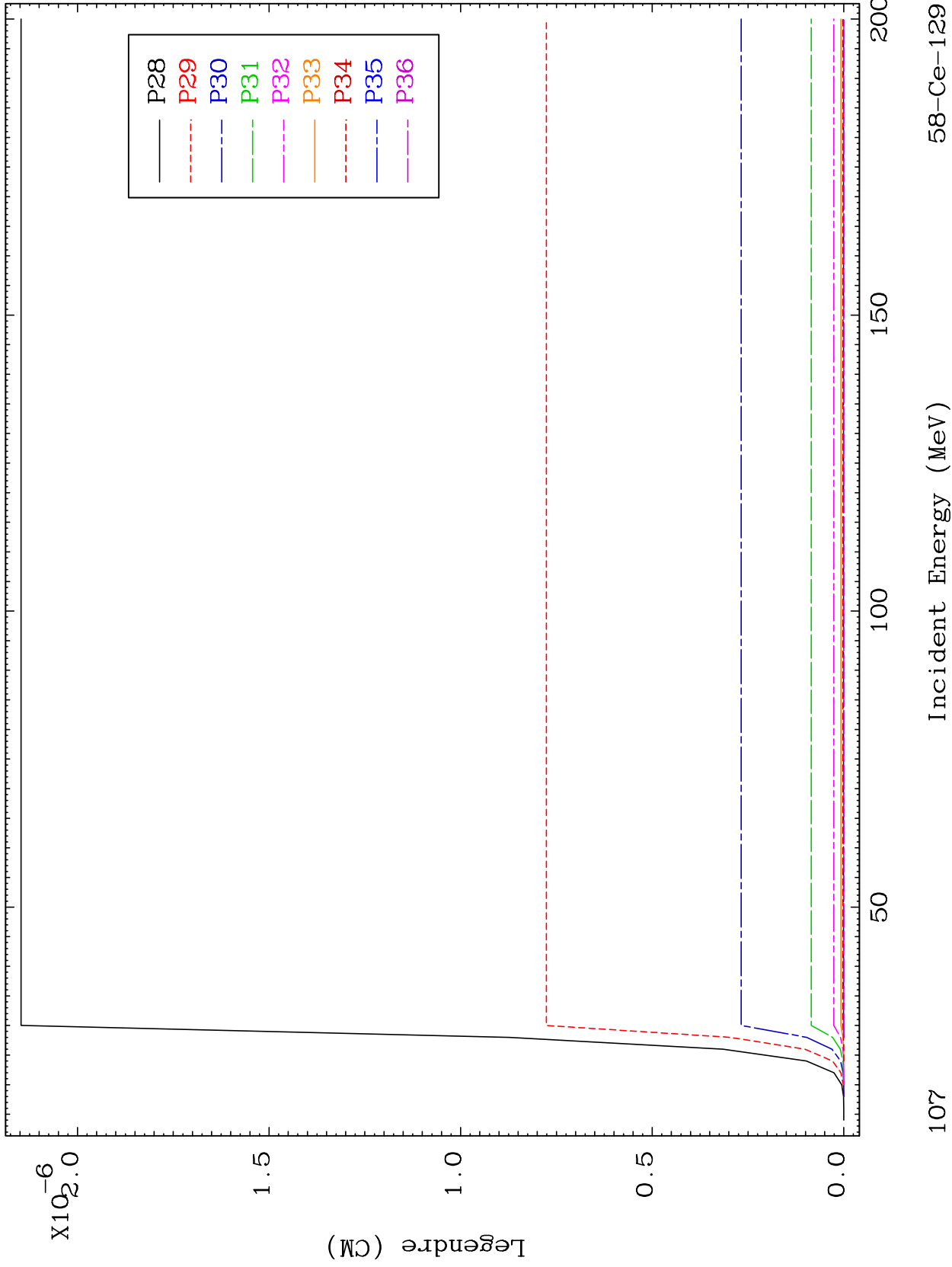


106

MAT 5804

1.229 MeV (n, n') Level
Legendre Coefficients

58-Ce-129



107

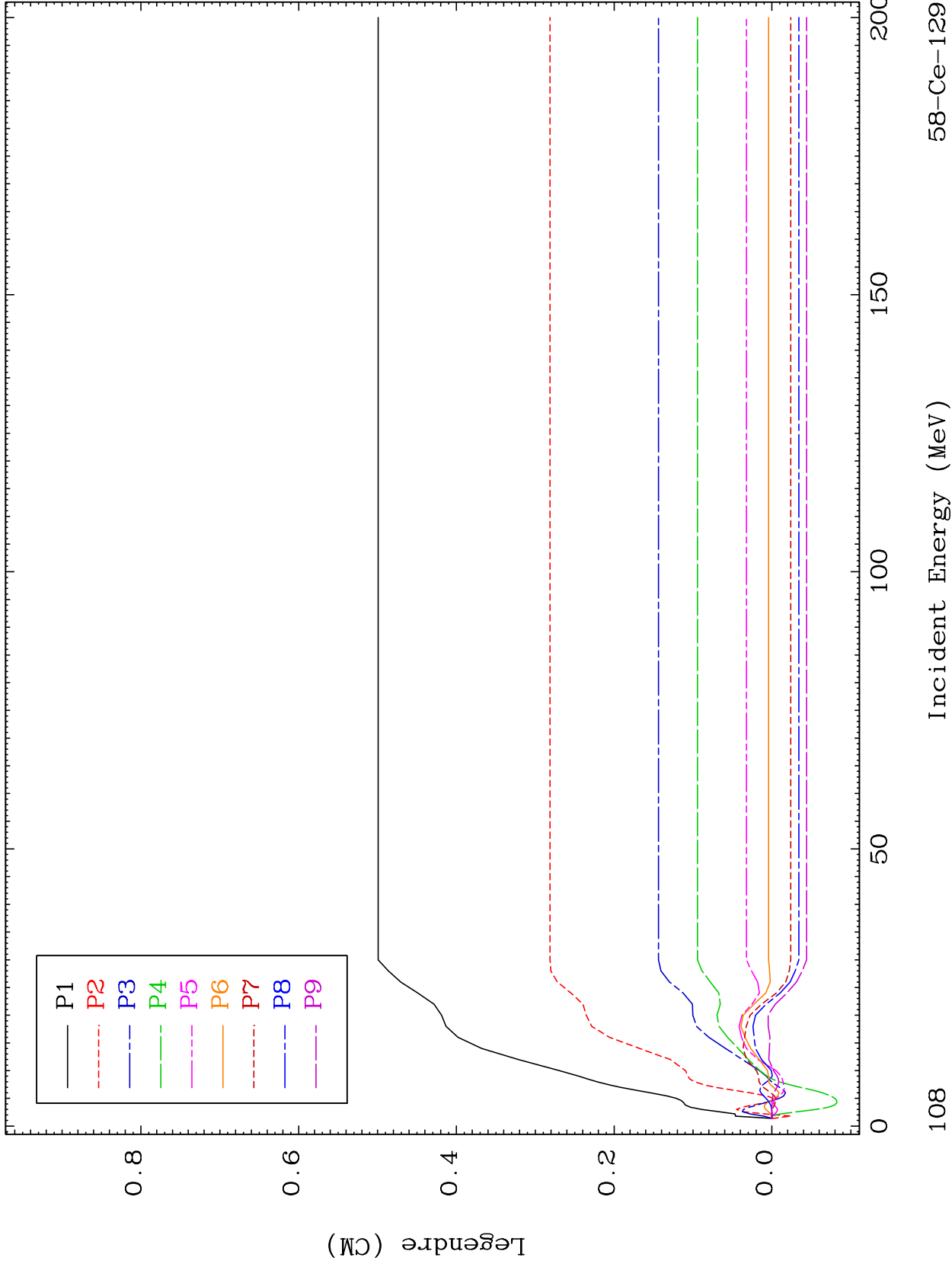
Incident Energy (MeV)

58-Ce-129

MAT 5804

1.325 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



58-Ce-129

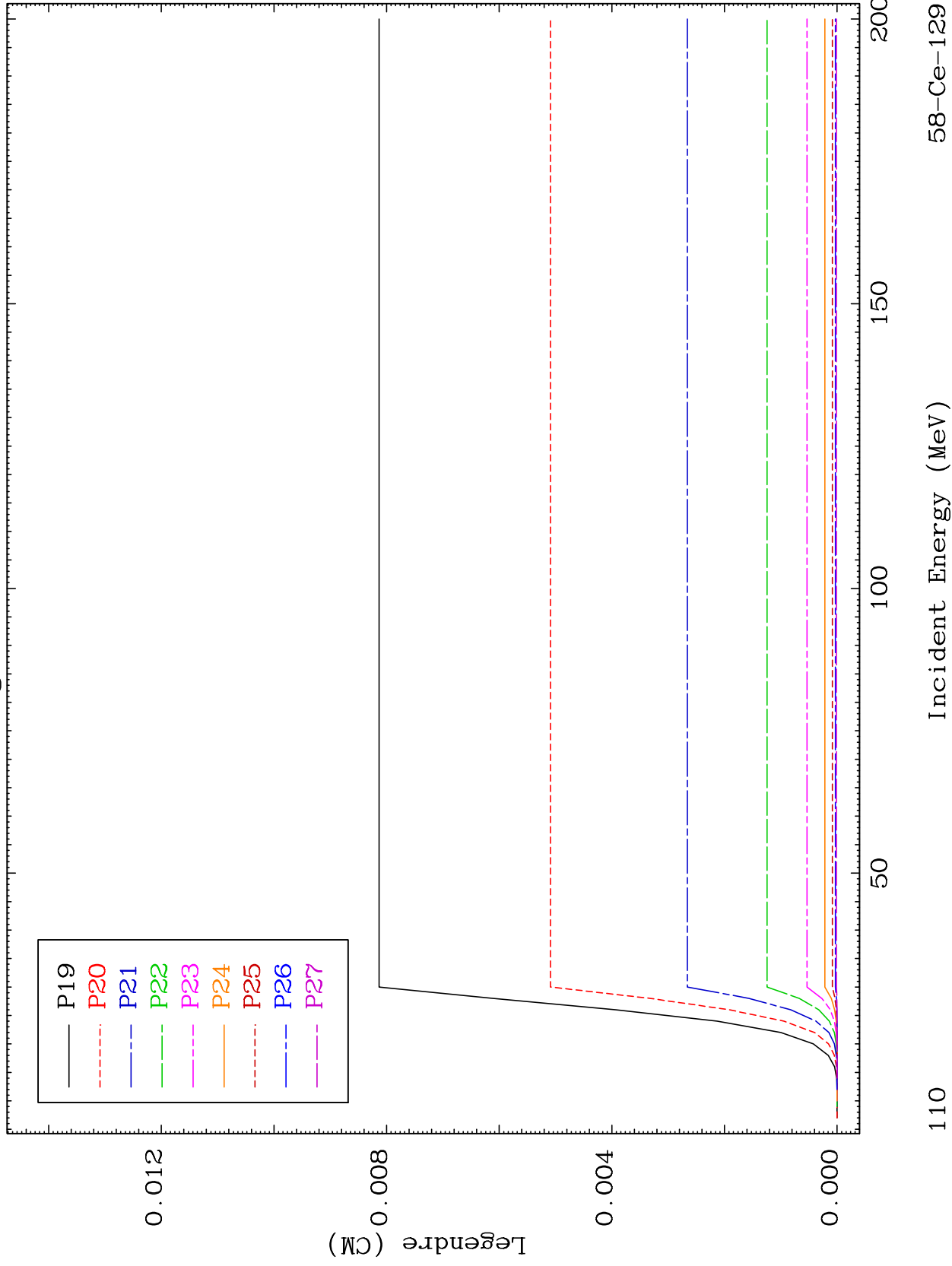
Incident Energy (MeV)

108

MAT 5804

1.325 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



58-Ce-129

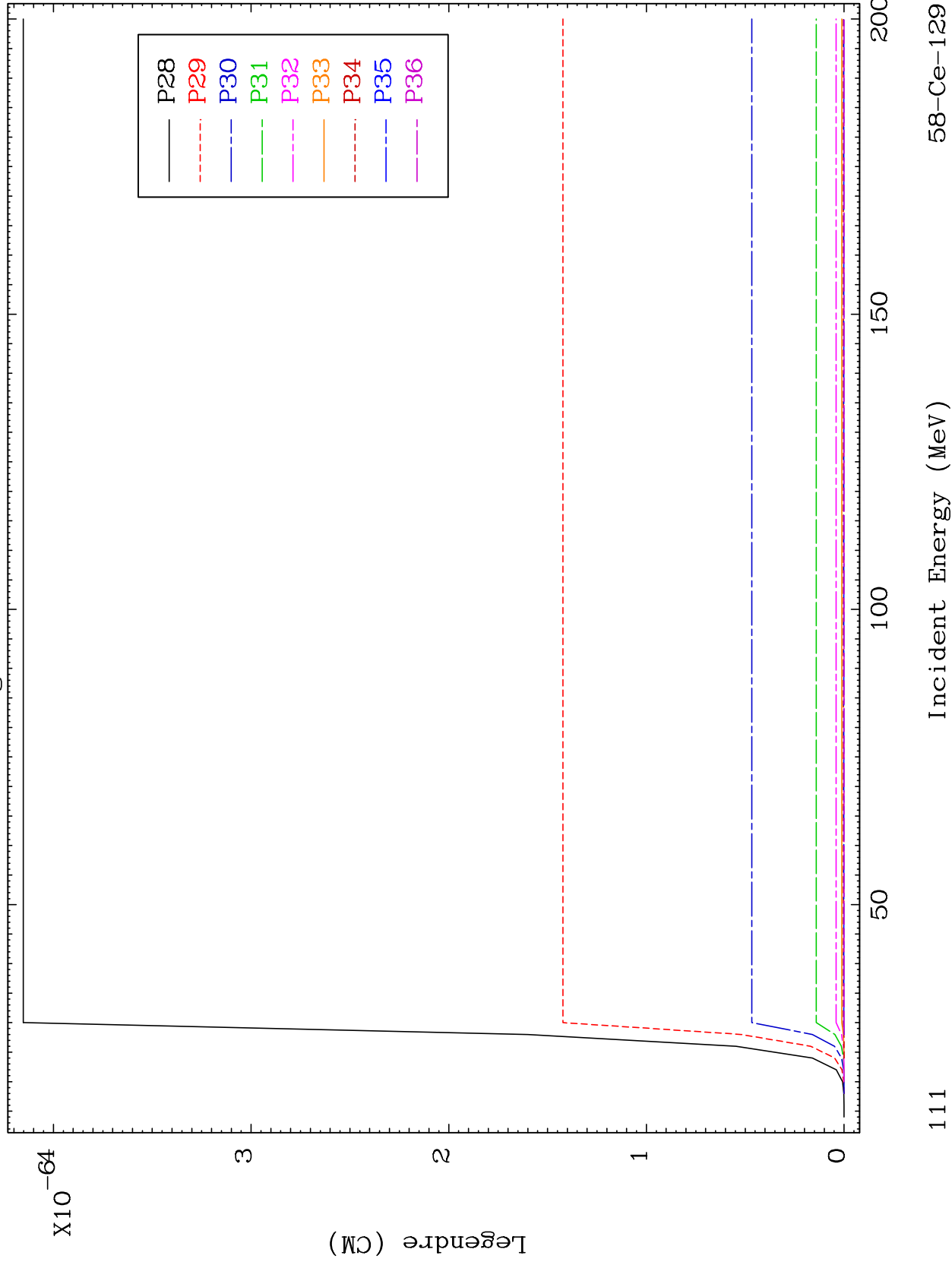
Incident Energy (MeV)

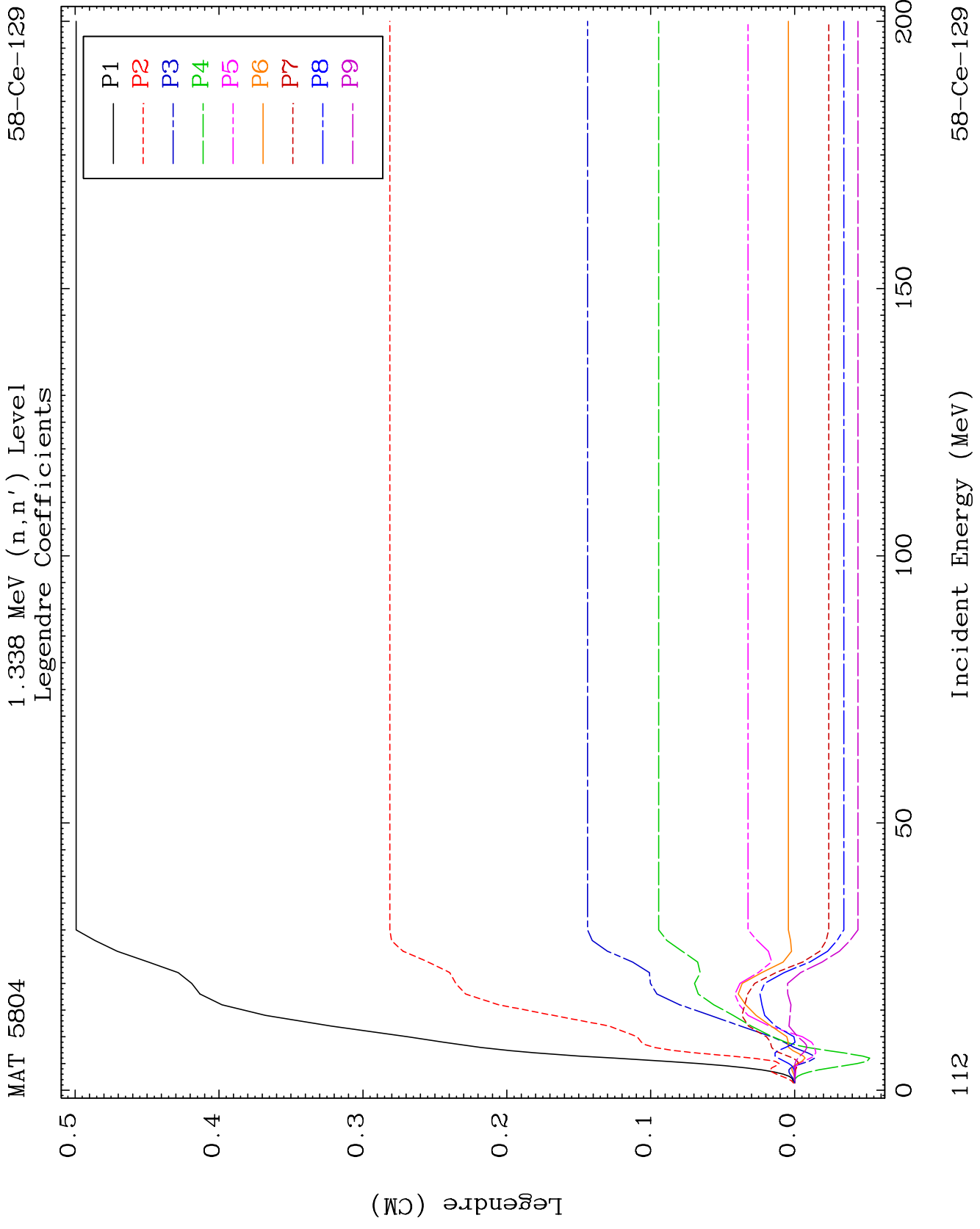
110

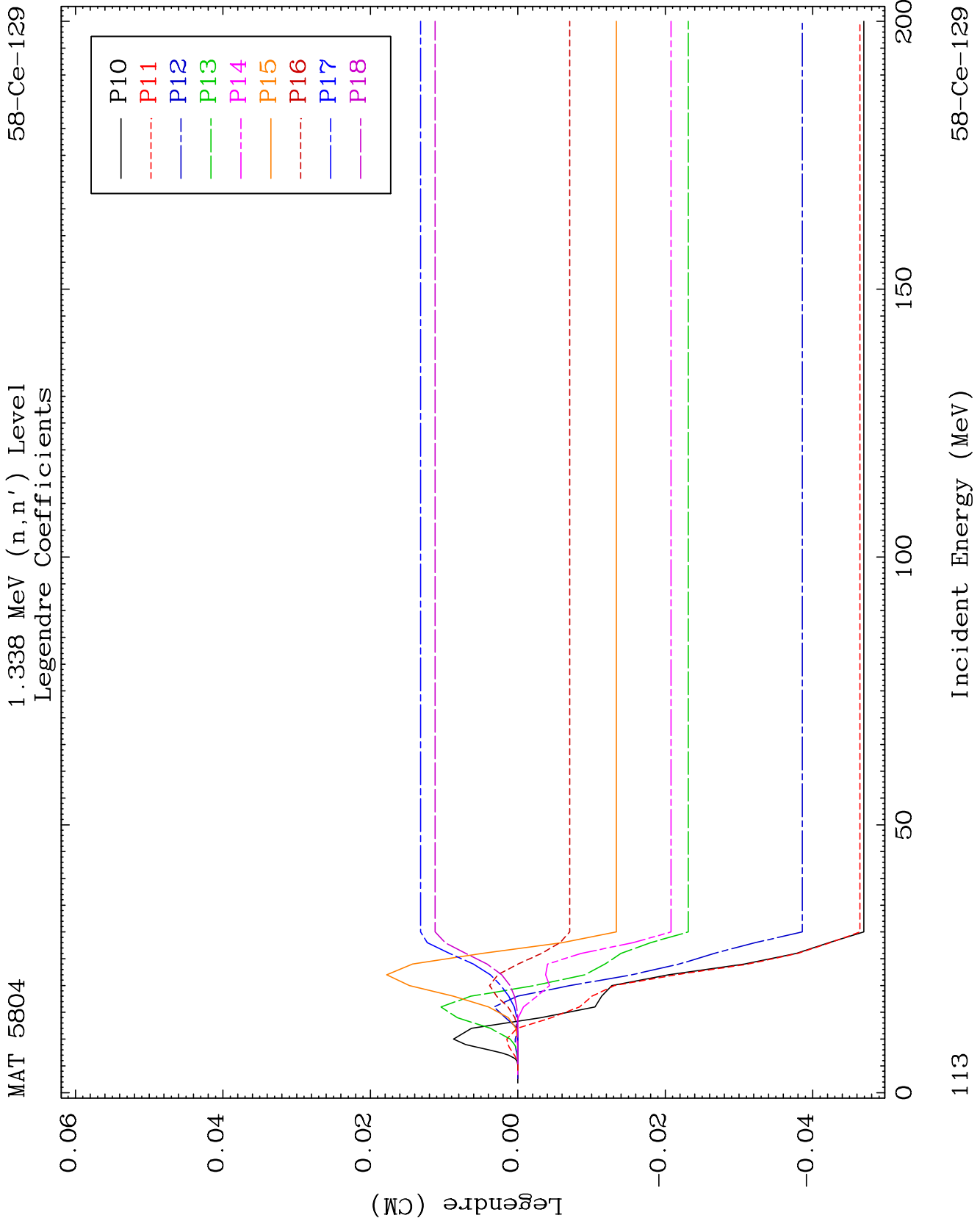
MAT 5804

1.325 MeV (n, n') Level
Legendre Coefficients

58-Ce-129



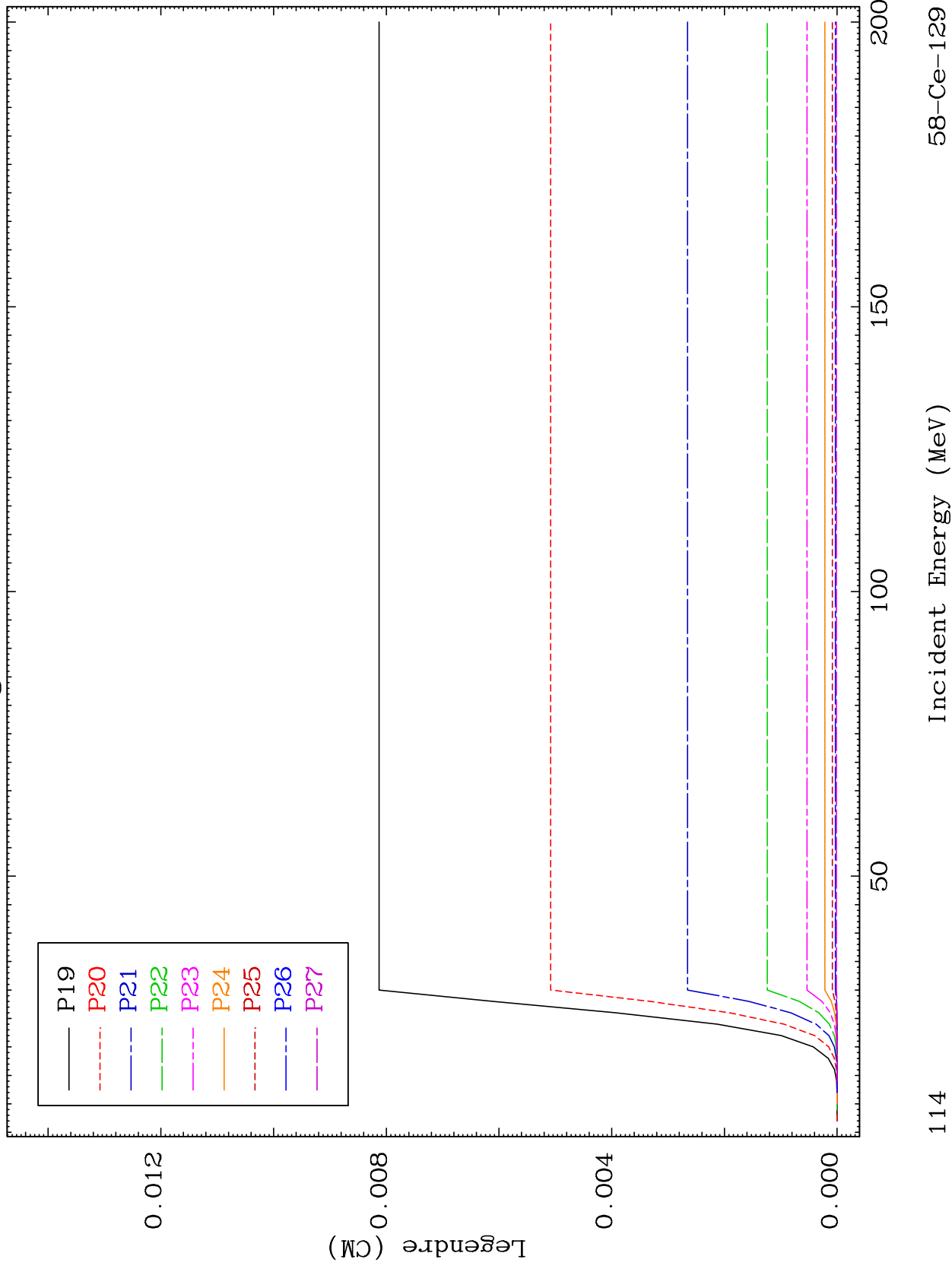




MAT 5804

1.338 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



114

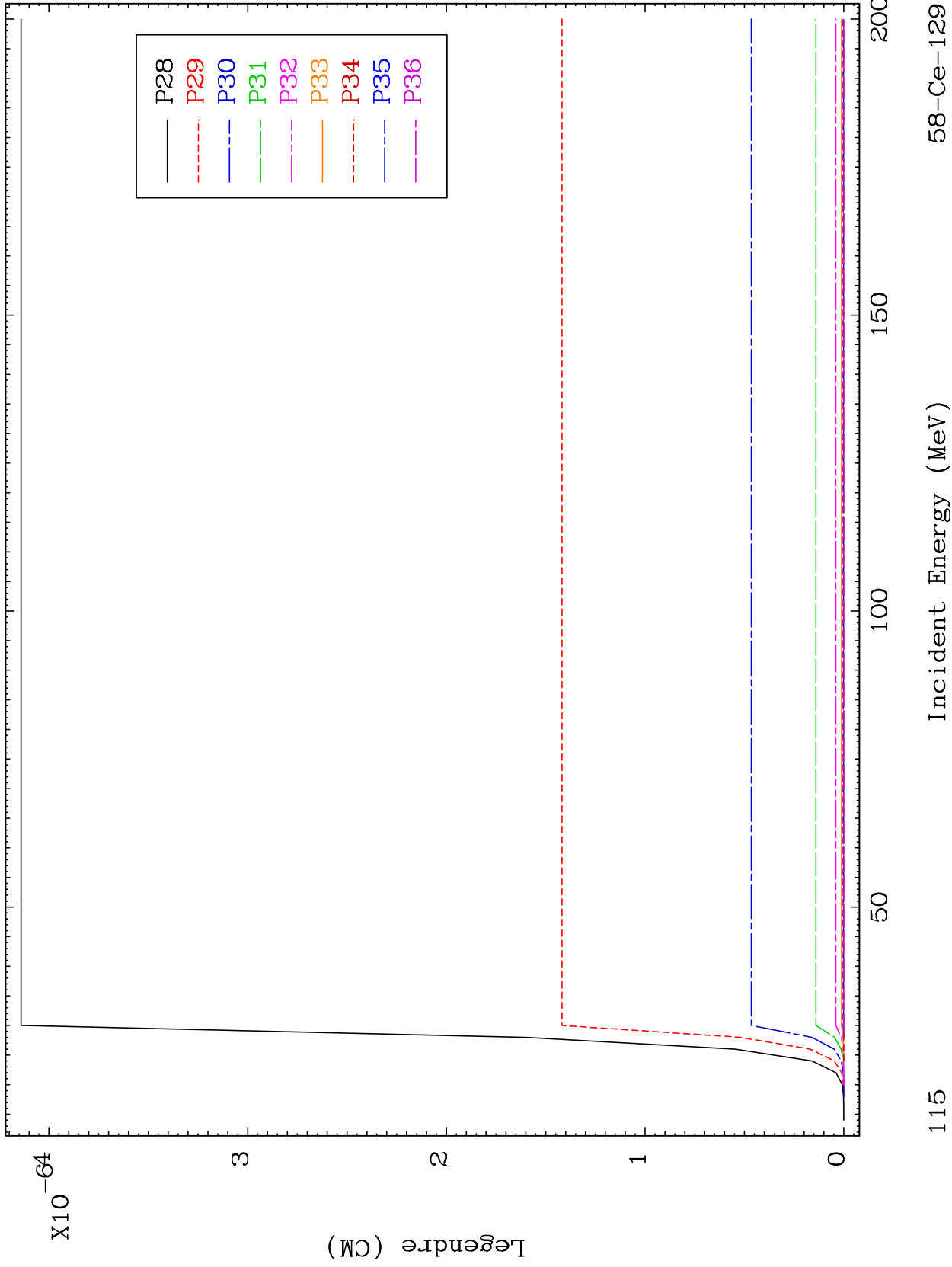
Incident Energy (MeV)

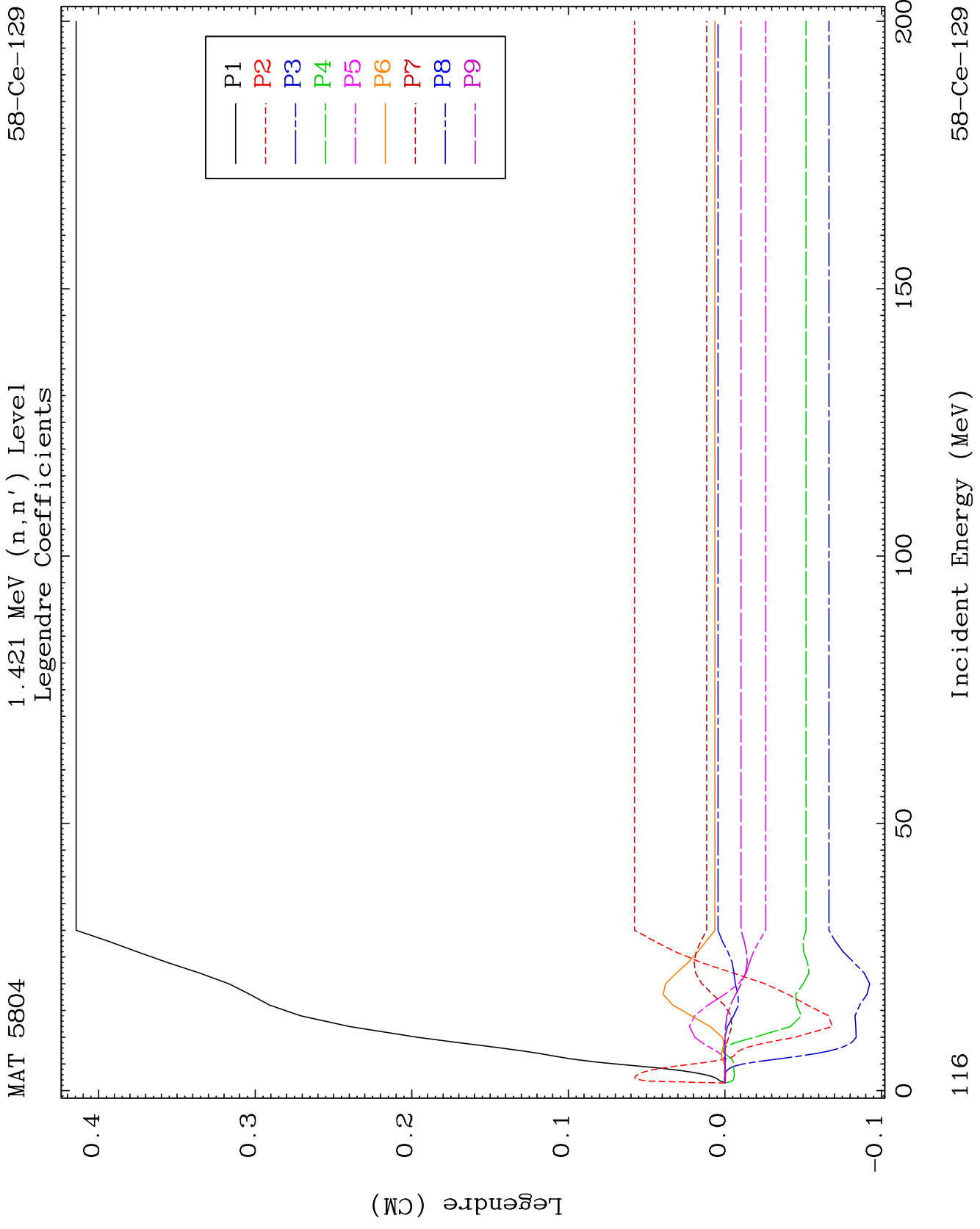
58-Ce-129

MAT 5804

1.338 MeV (n, n') Level
Legendre Coefficients

58-Ce-129

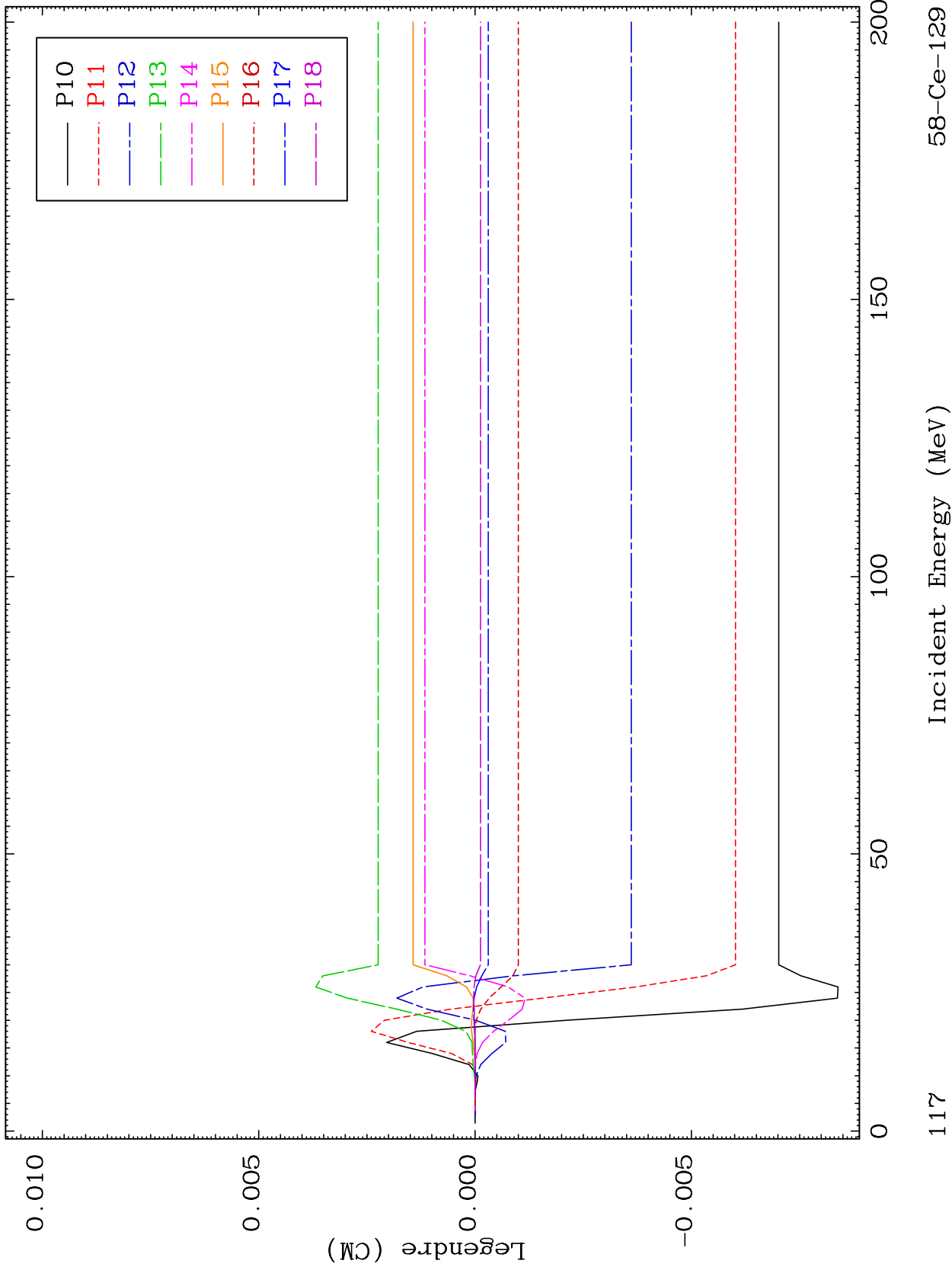




MAT 5804

1.421 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



117

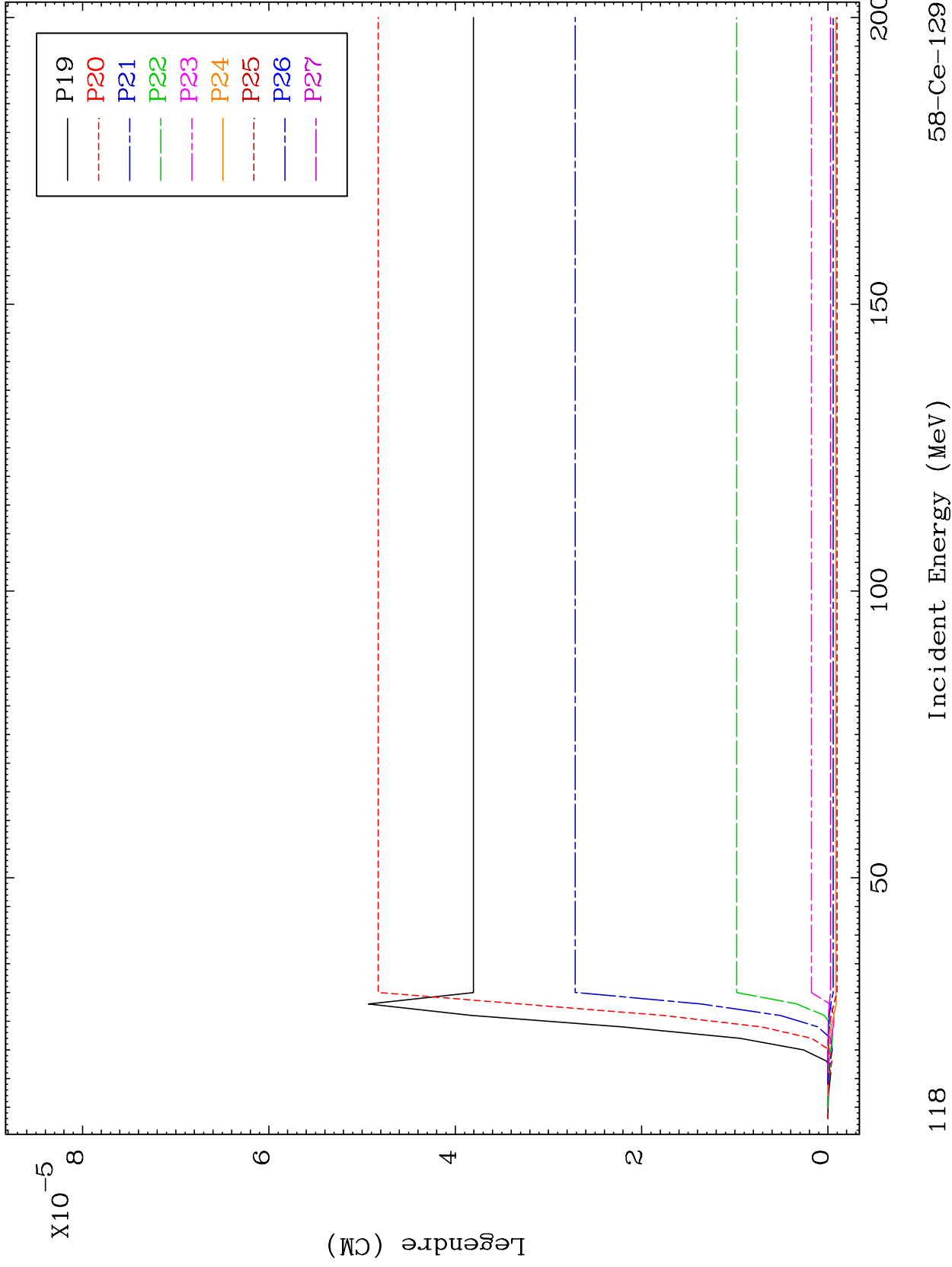
Incident Energy (MeV)

58-Ce-129

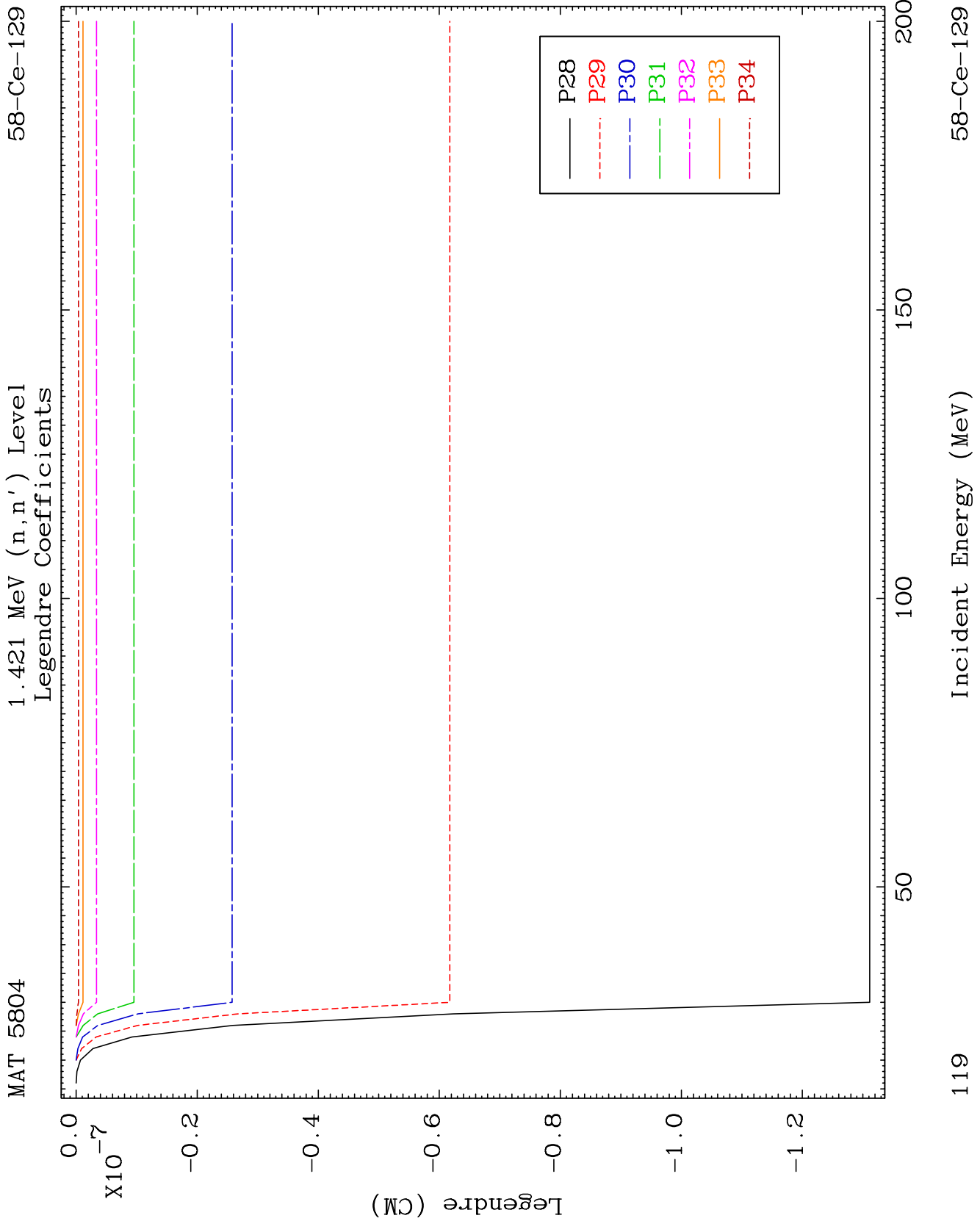
MAT 5804

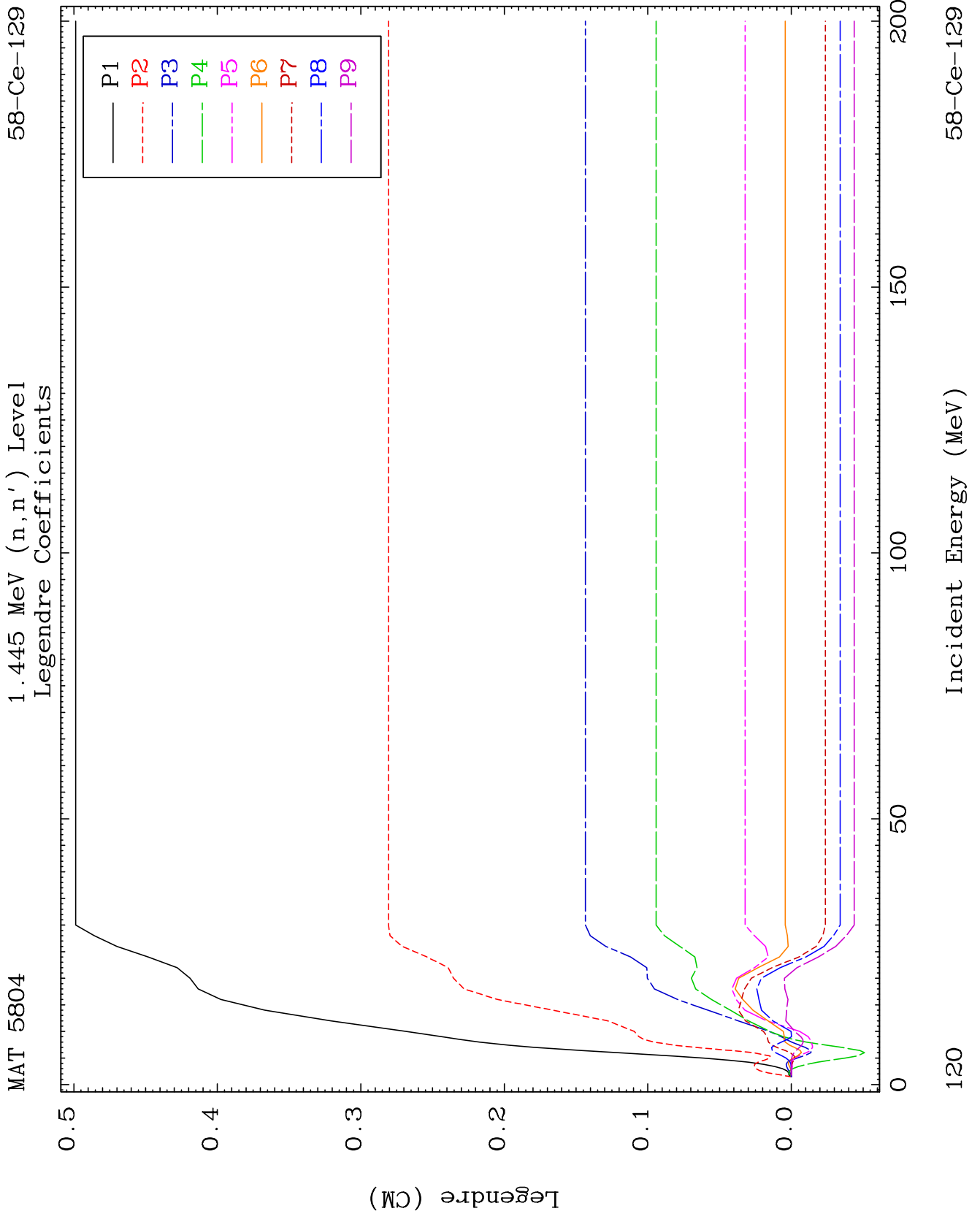
1.421 MeV (n,n') Level
Legendre Coefficients

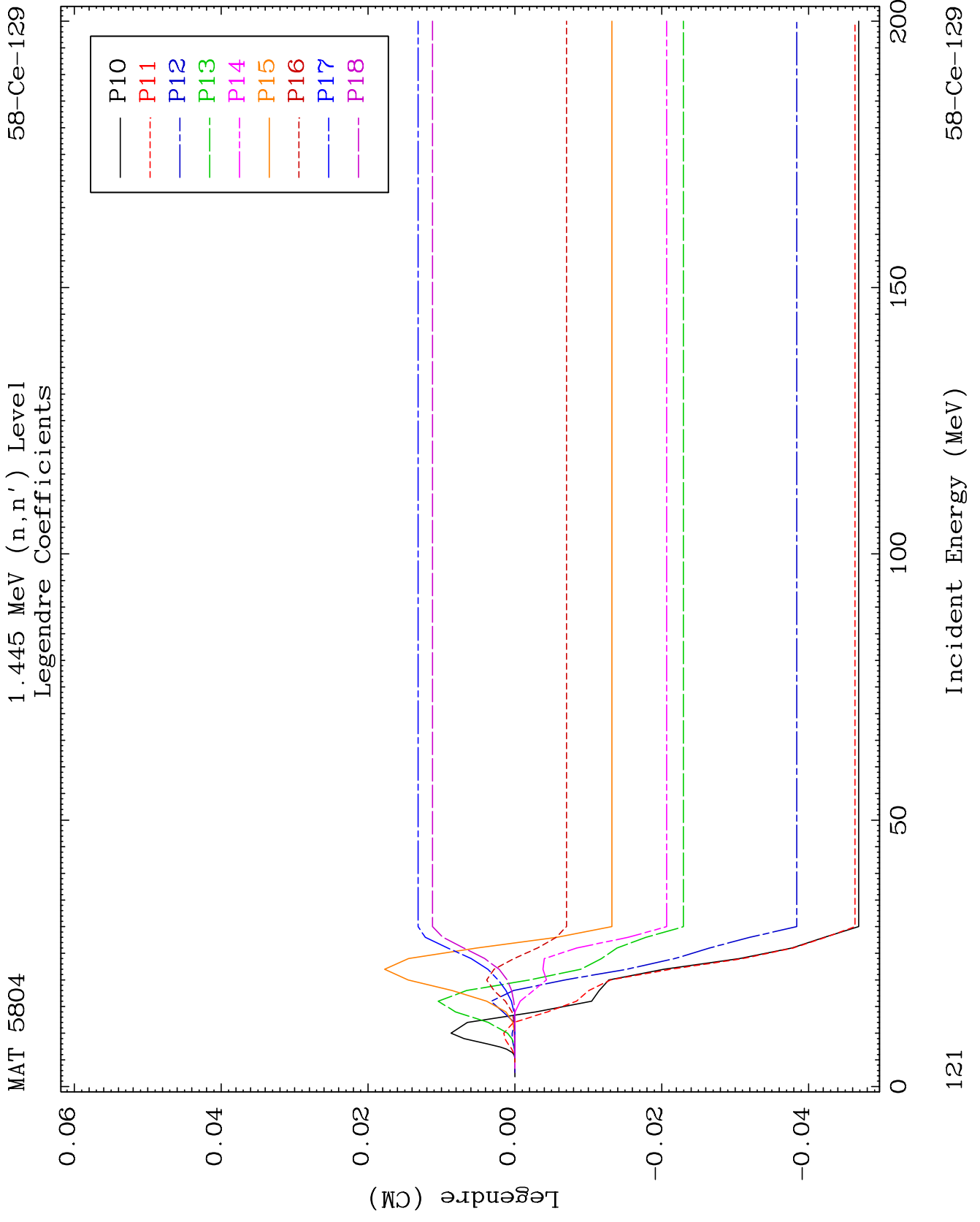
58-Ce-129

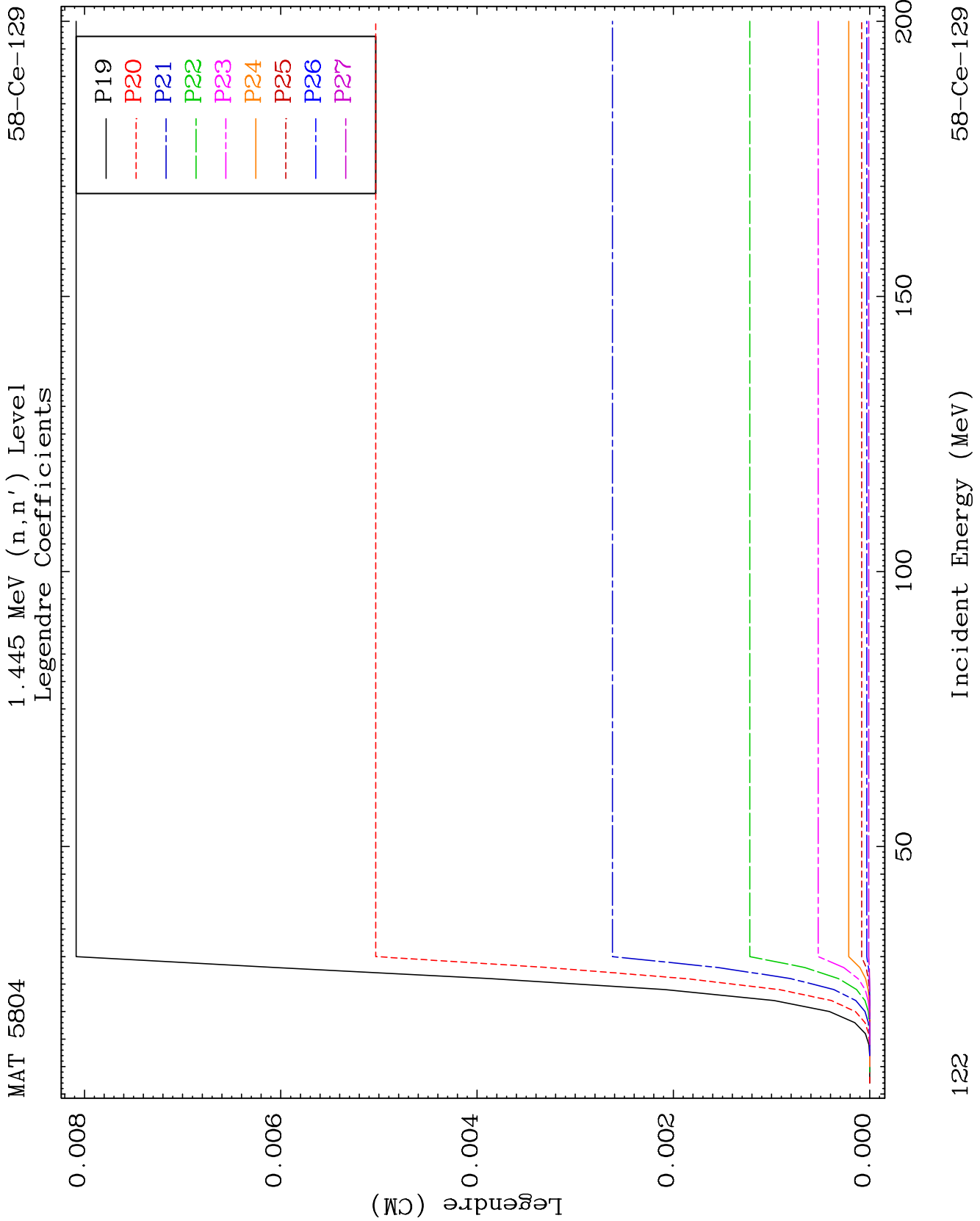


118





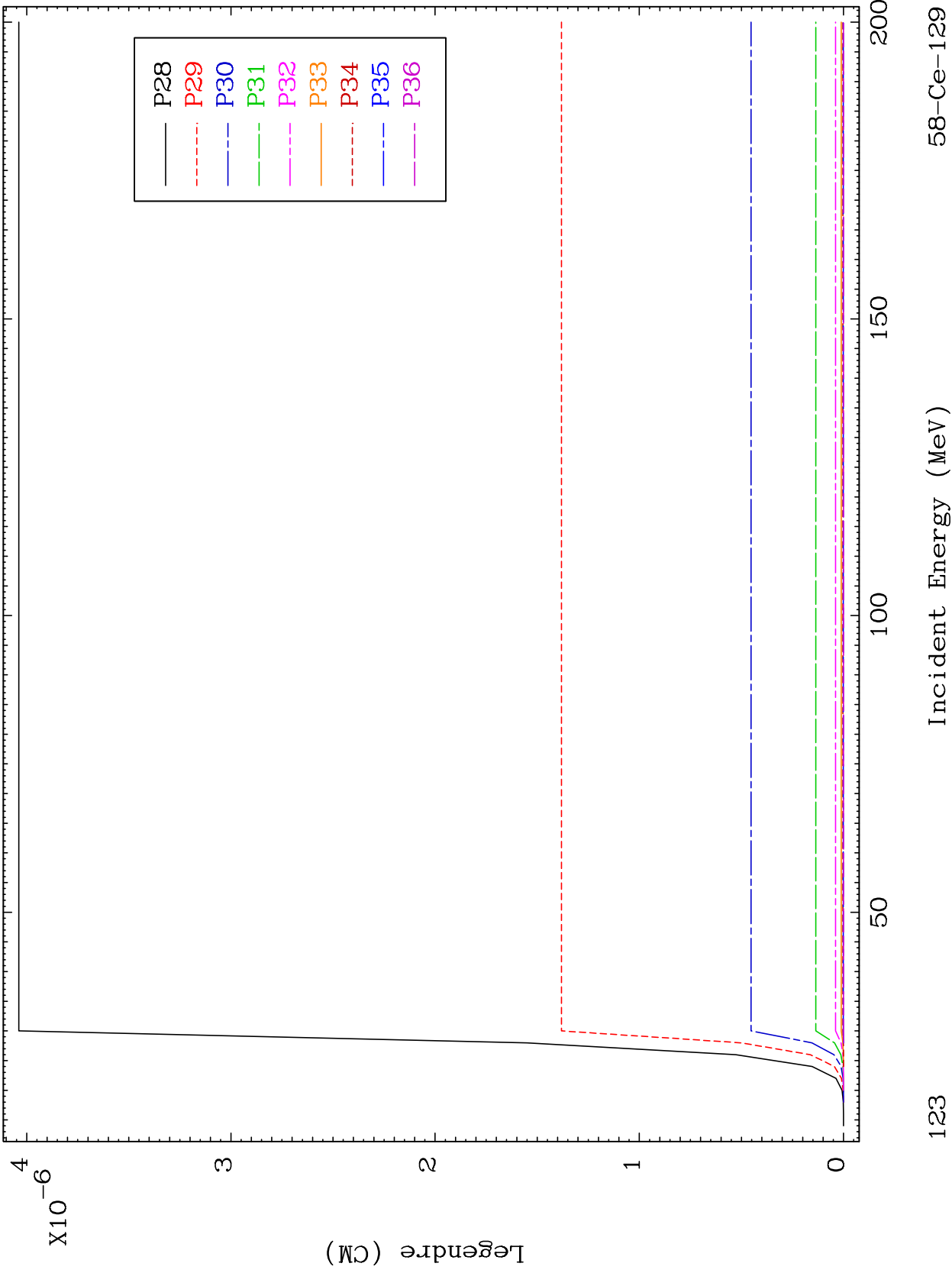




MAT 5804

1.445 MeV (n,n') Level
Legendre Coefficients

58-Ce-129



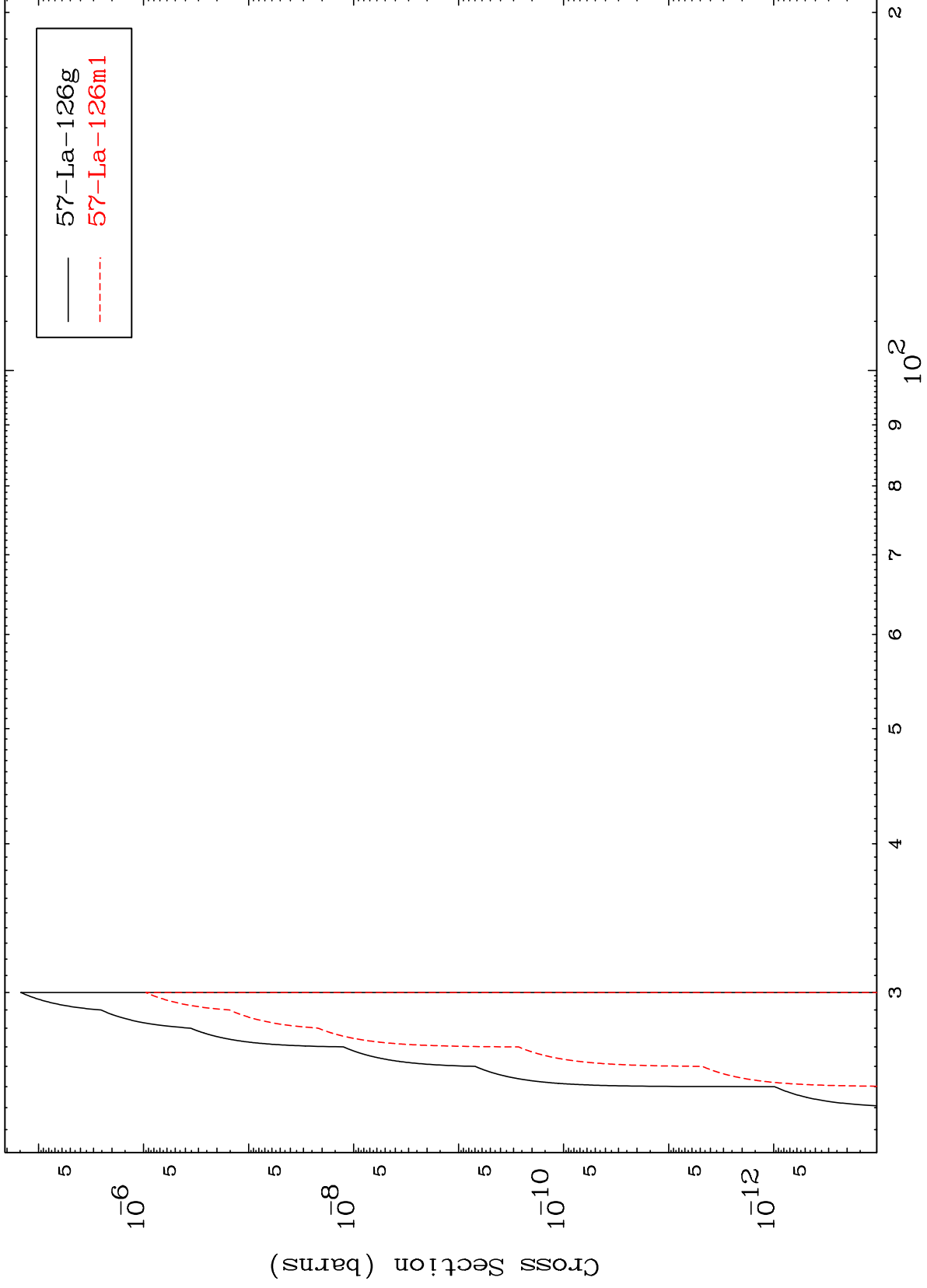
123

MAT 5804

(n,2n) d

58-Ce-129

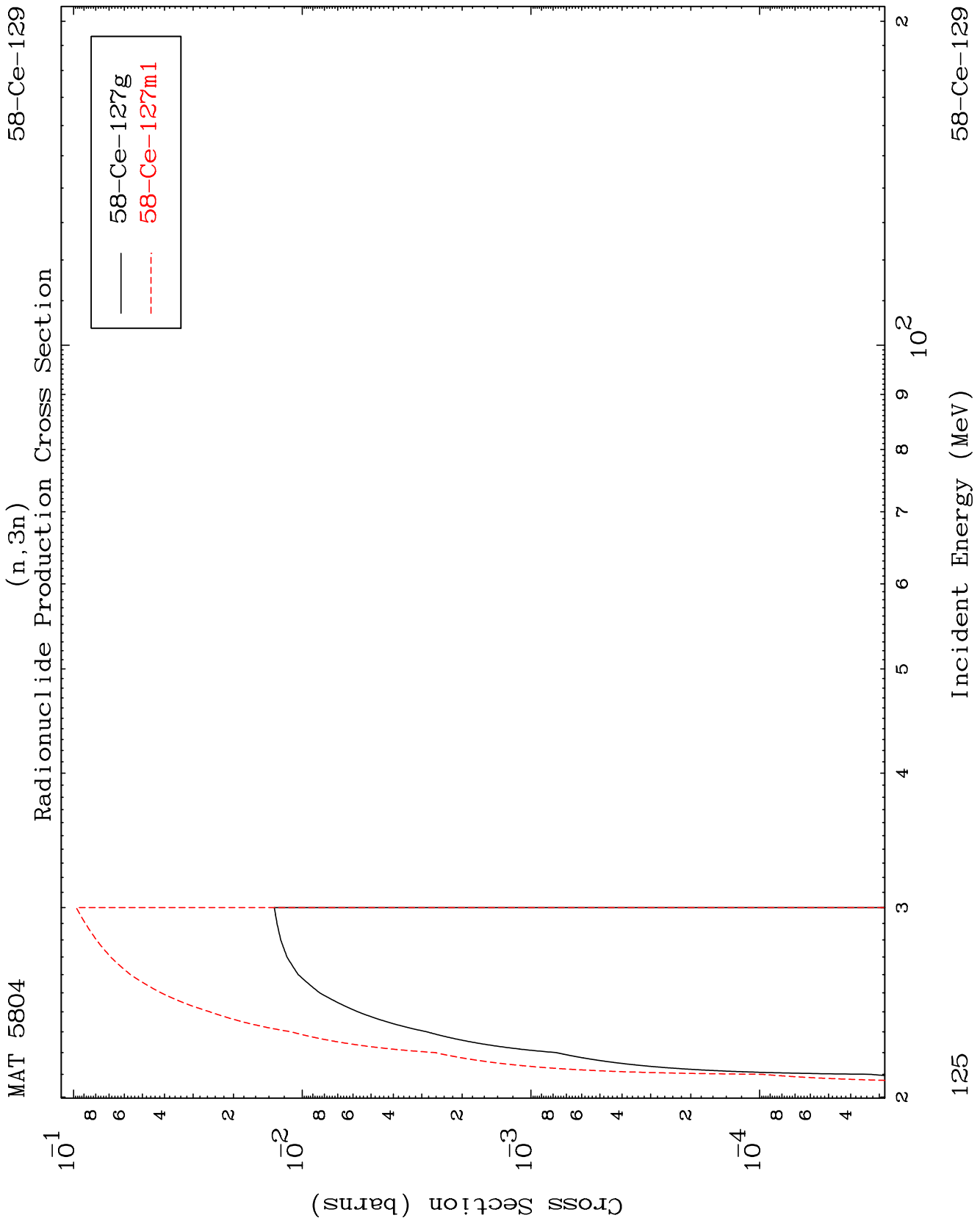
Radionuclide Production Cross Section



124

Incident Energy (MeV)

58-Ce-129

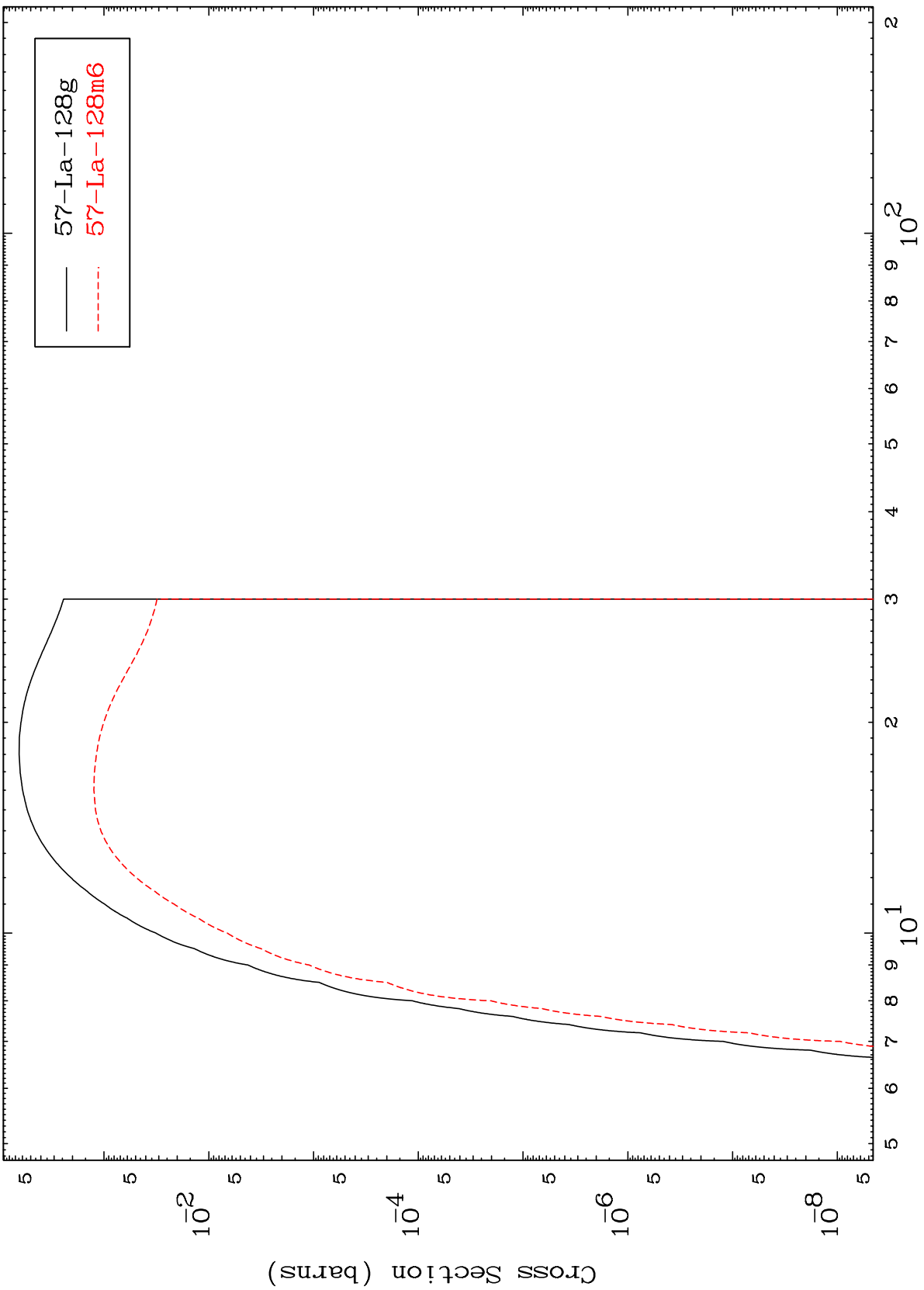


MAT 5804

(n,n') p

58-Ce-129

Radionuclide Production Cross Section



126

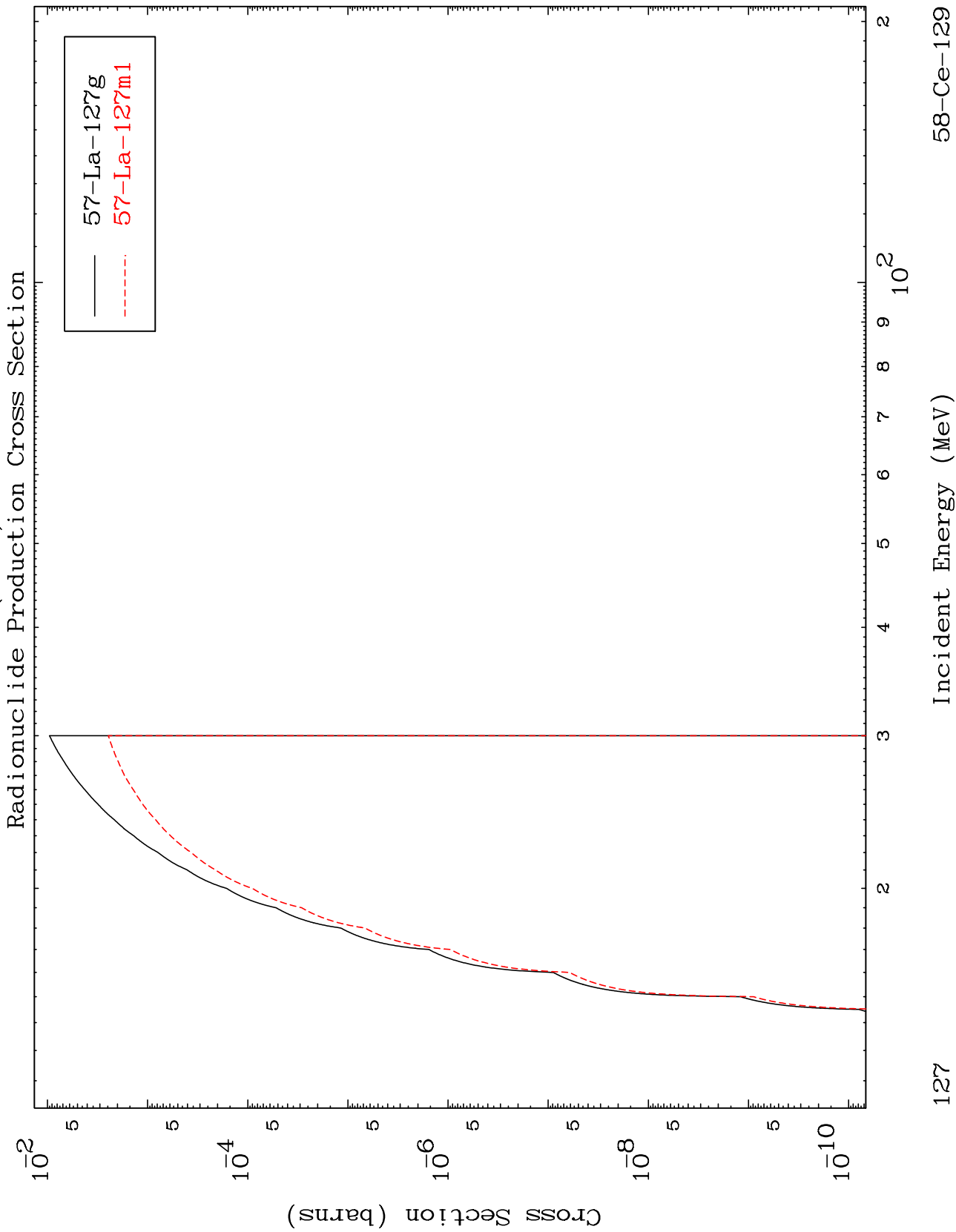
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,n') d

58-Ce-129



127

Incident Energy (MeV)

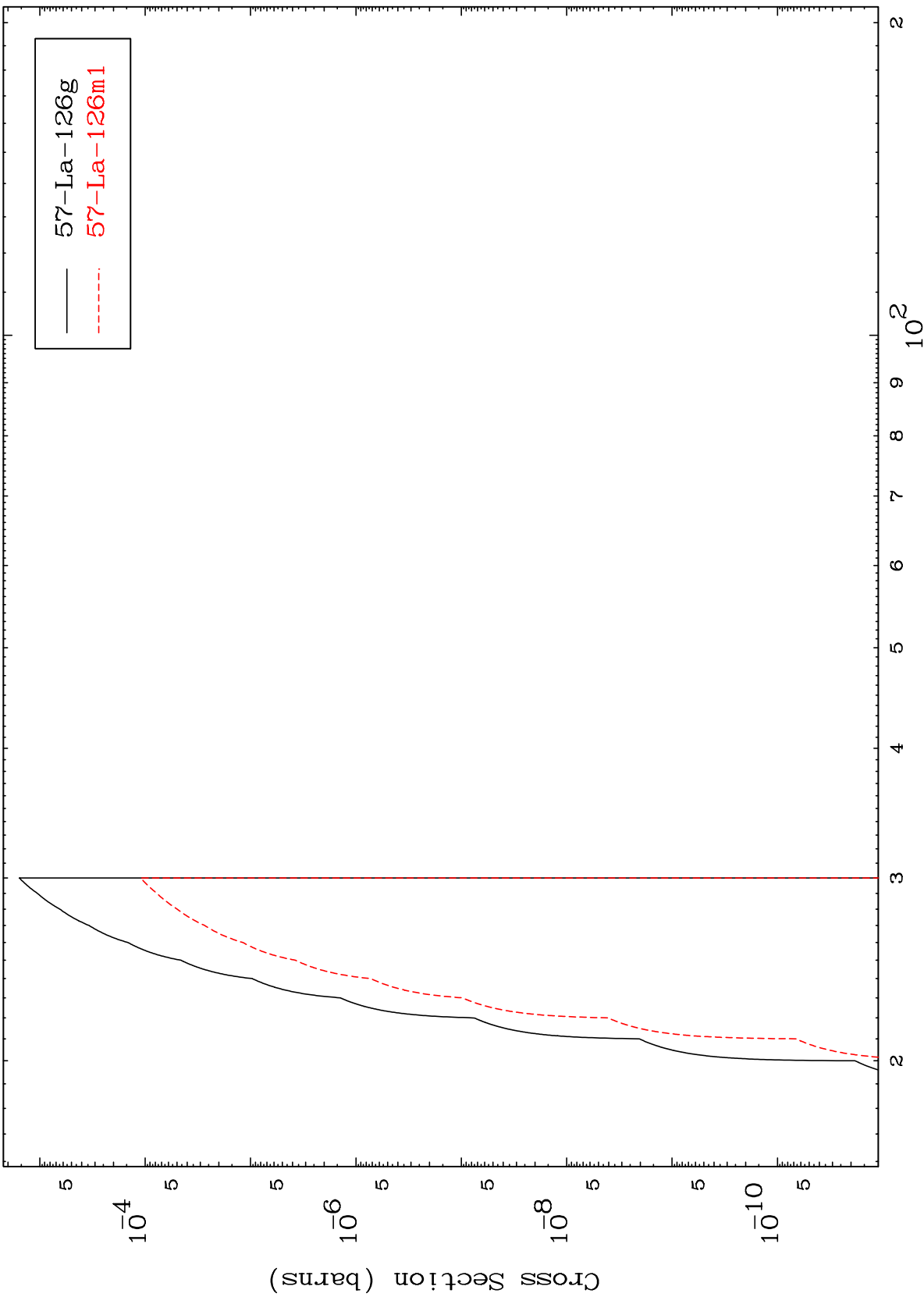
58-Ce-129

MAT 5804

(n,n') t

58-Ce-129

Radionuclide Production Cross Section



128

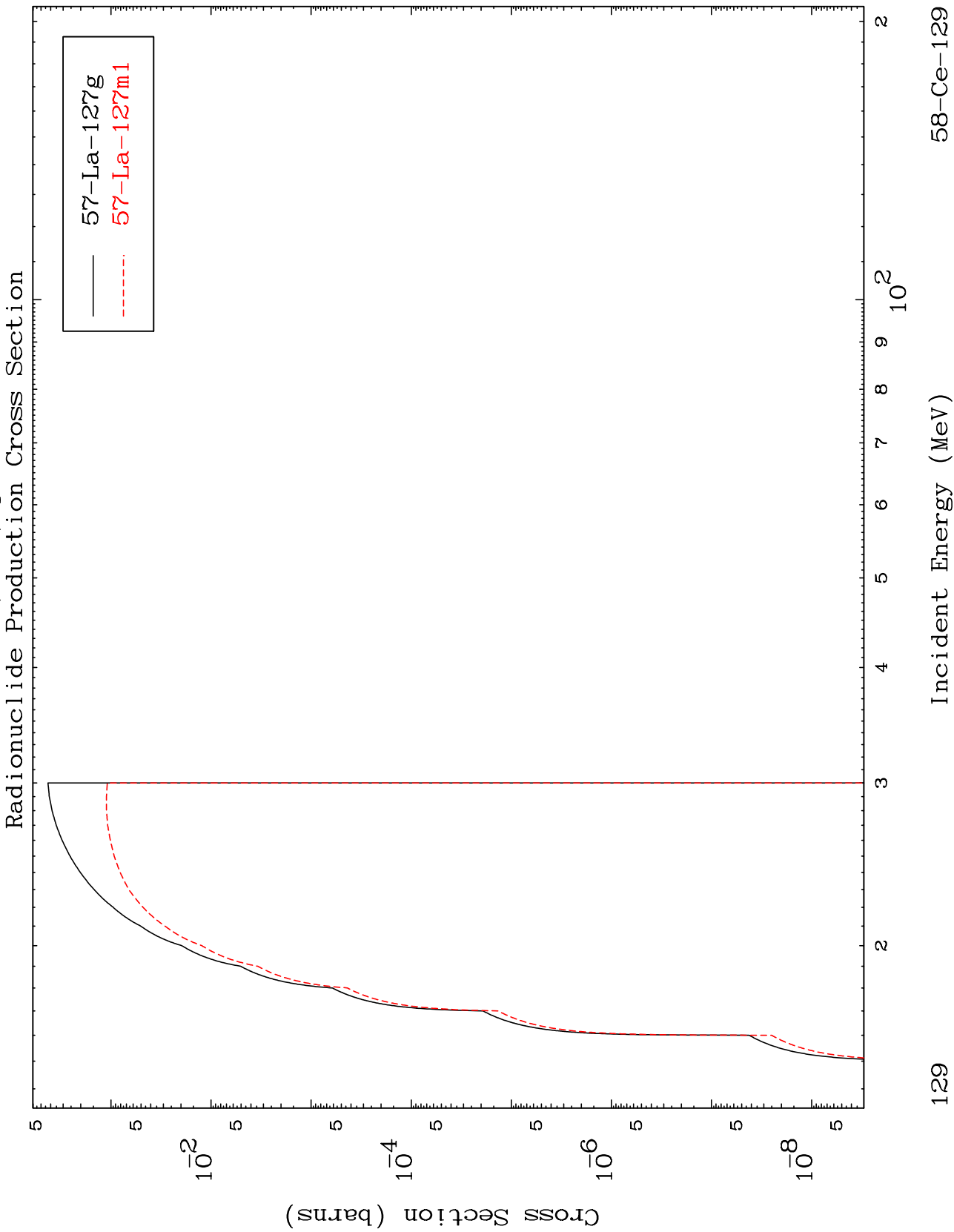
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129



129

Incident Energy (MeV)

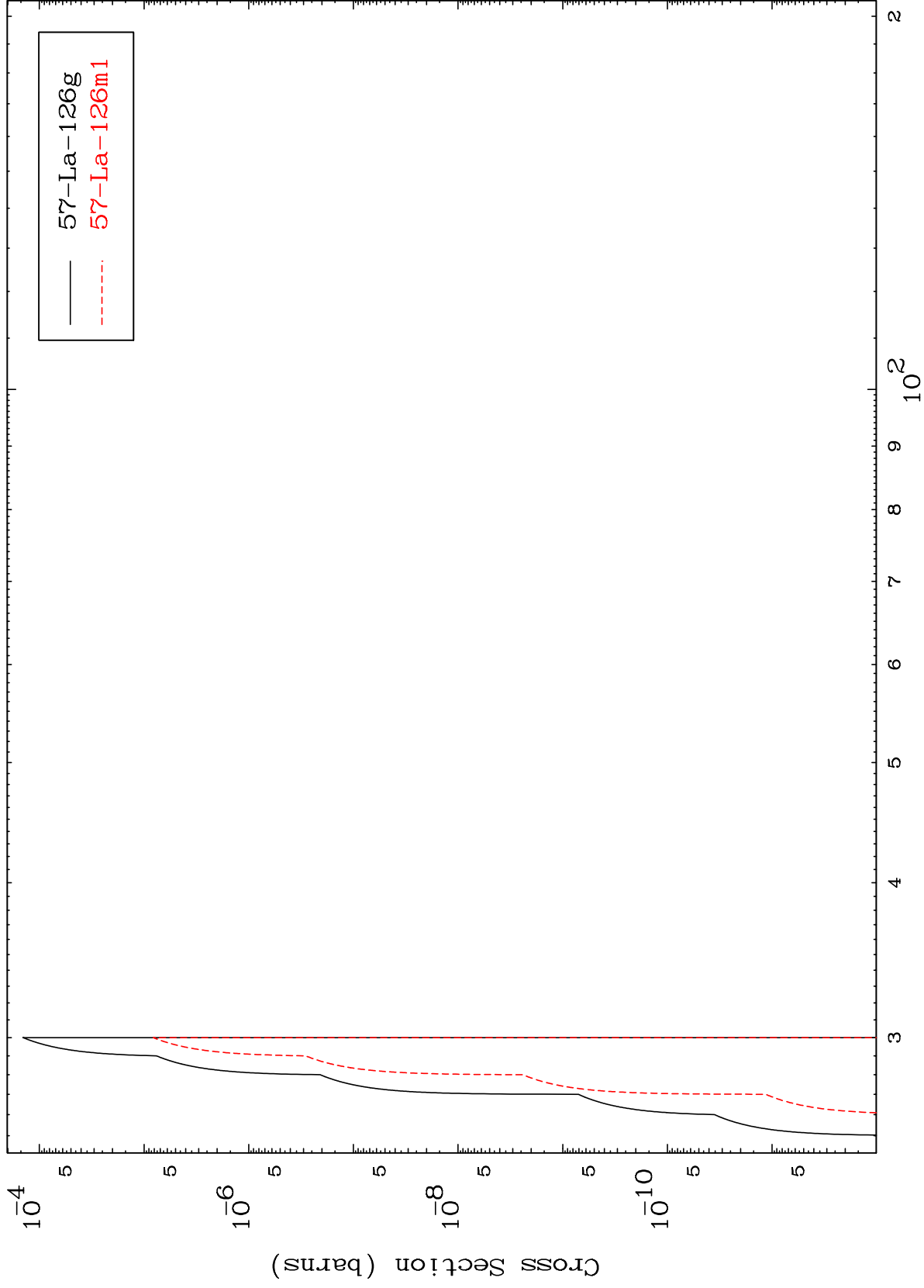
58-Ce-129

MAT 5804

(n,3n) p

58-Ce-129

Radionuclide Production Cross Section



130

Incident Energy (MeV)

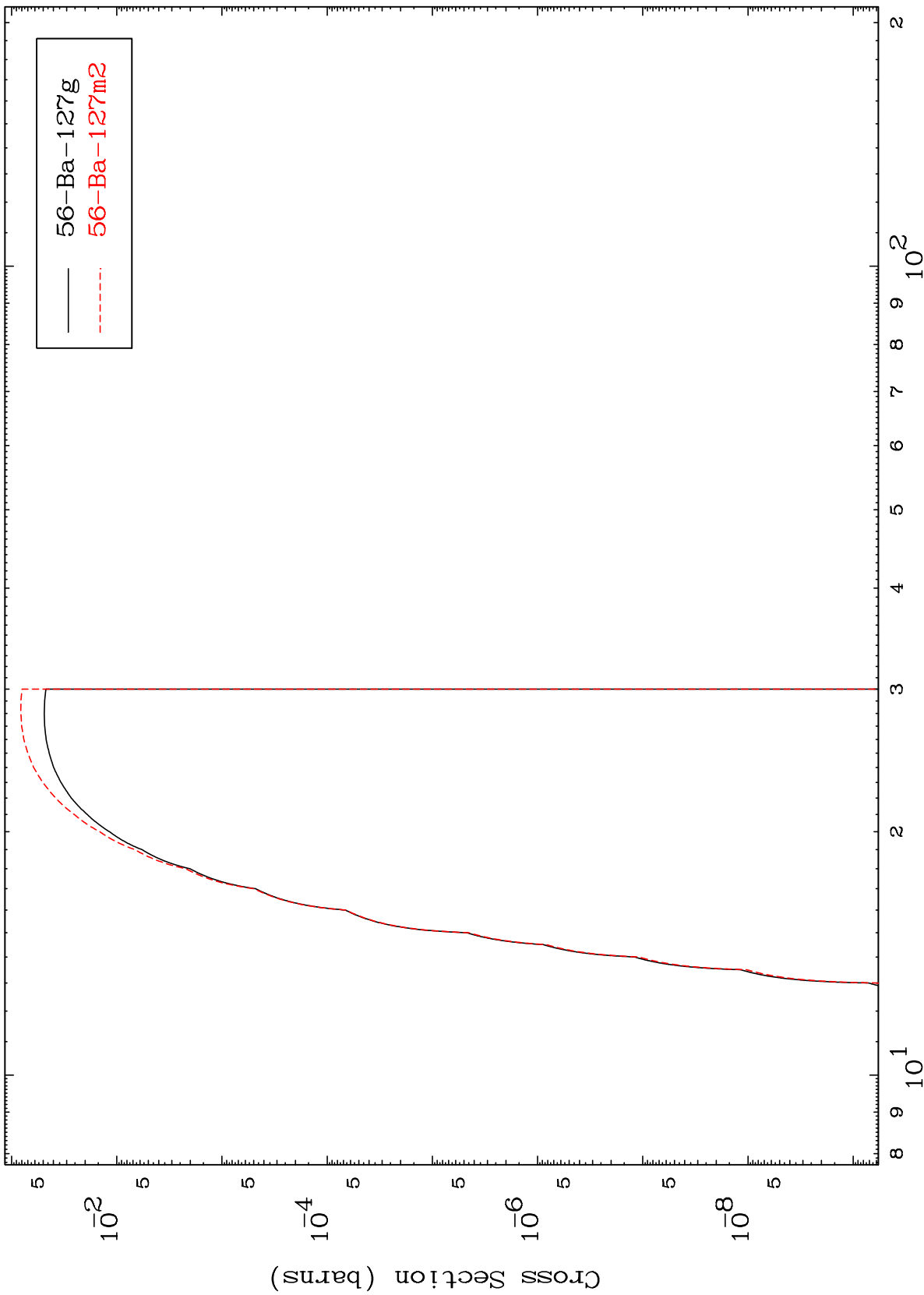
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

Radionuclide Production Cross Section



131

Incident Energy (MeV)

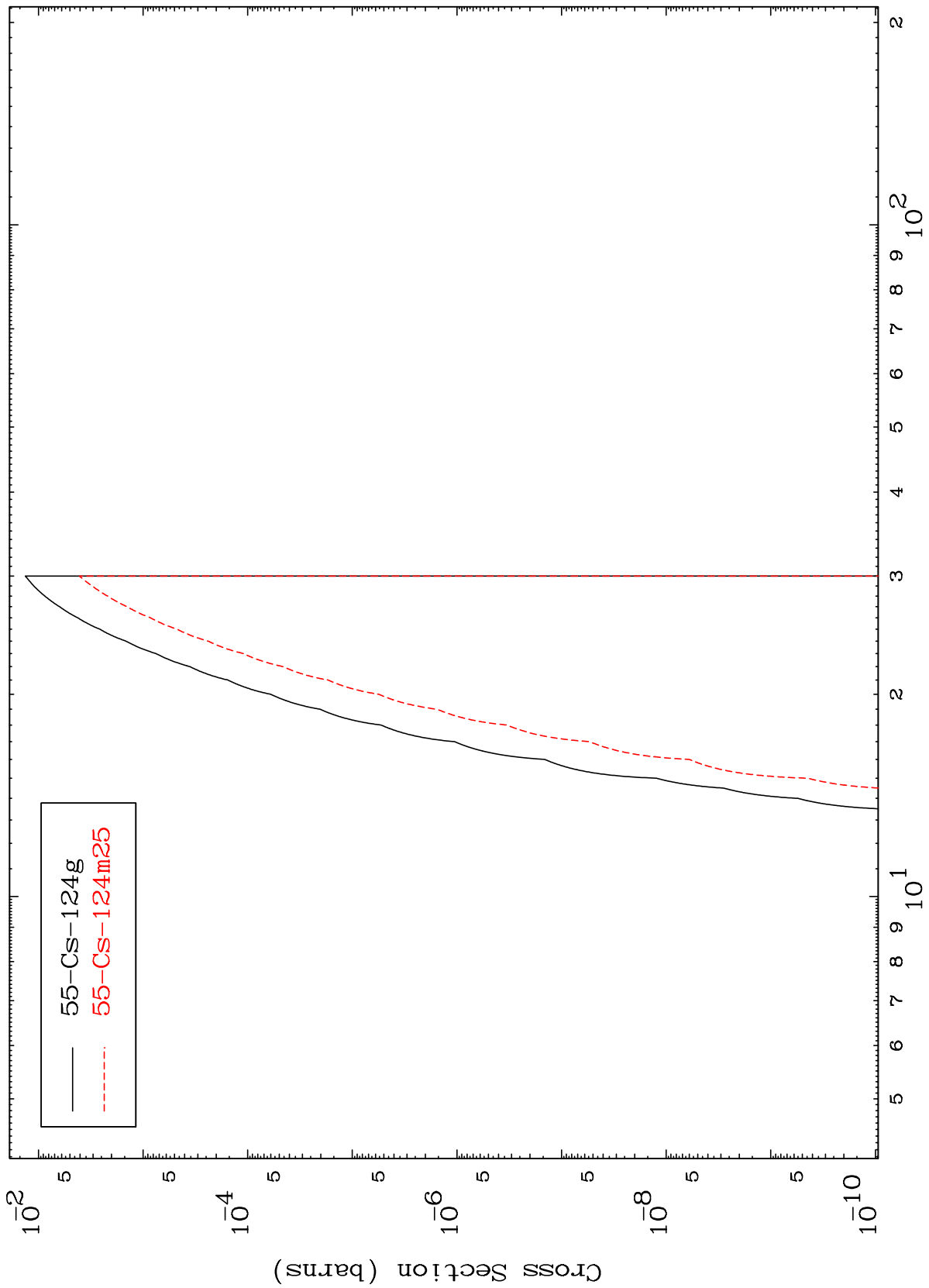
58-Ce-129

MAT 5804

(n,n') p α

58-Ce-129

Radionuclide Production Cross Section



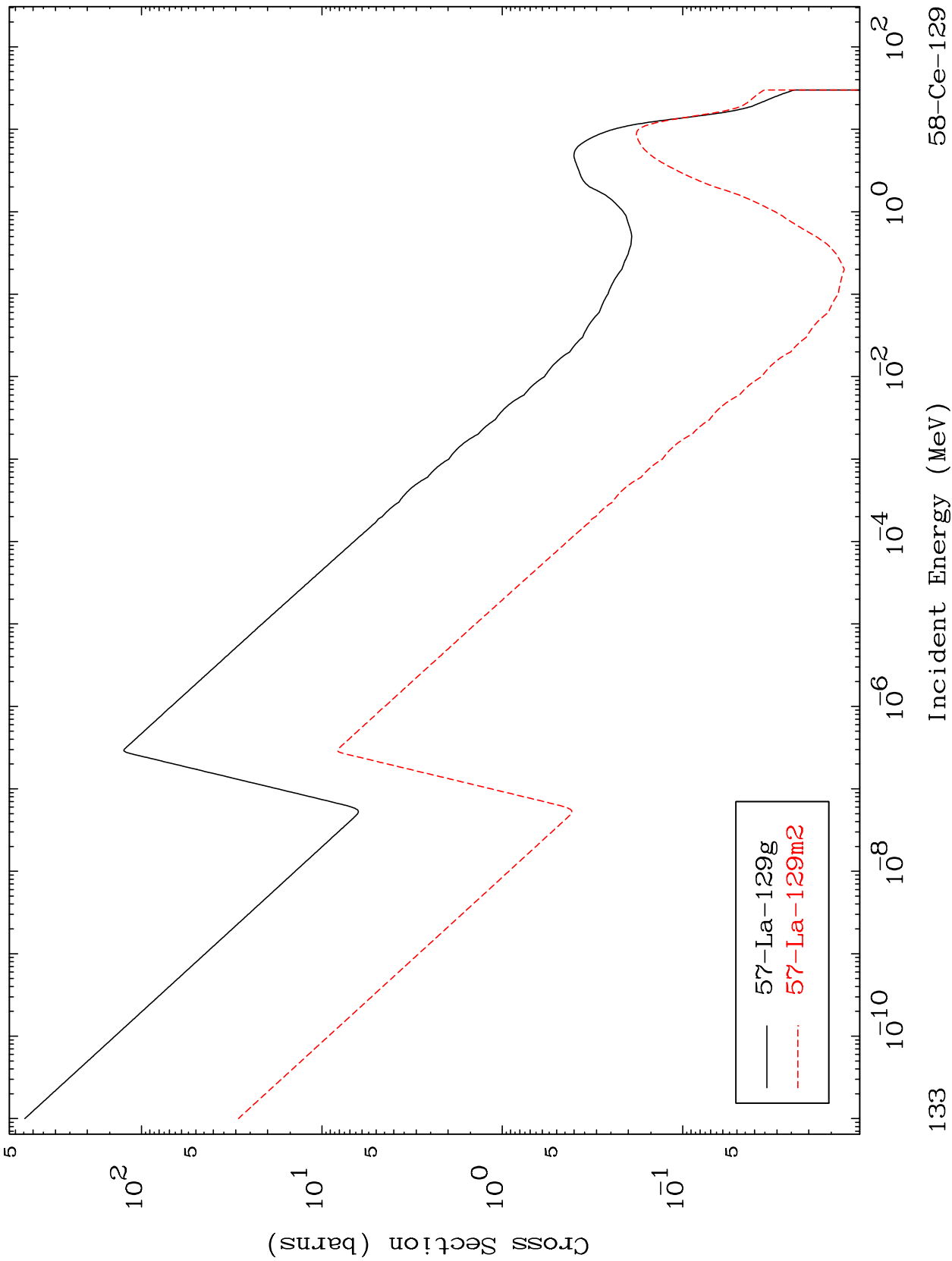
132

58-Ce-129

MAT 5804

58-Ce-129

(n,p)
Radionuclide Production Cross Section



133

58-Ce-129

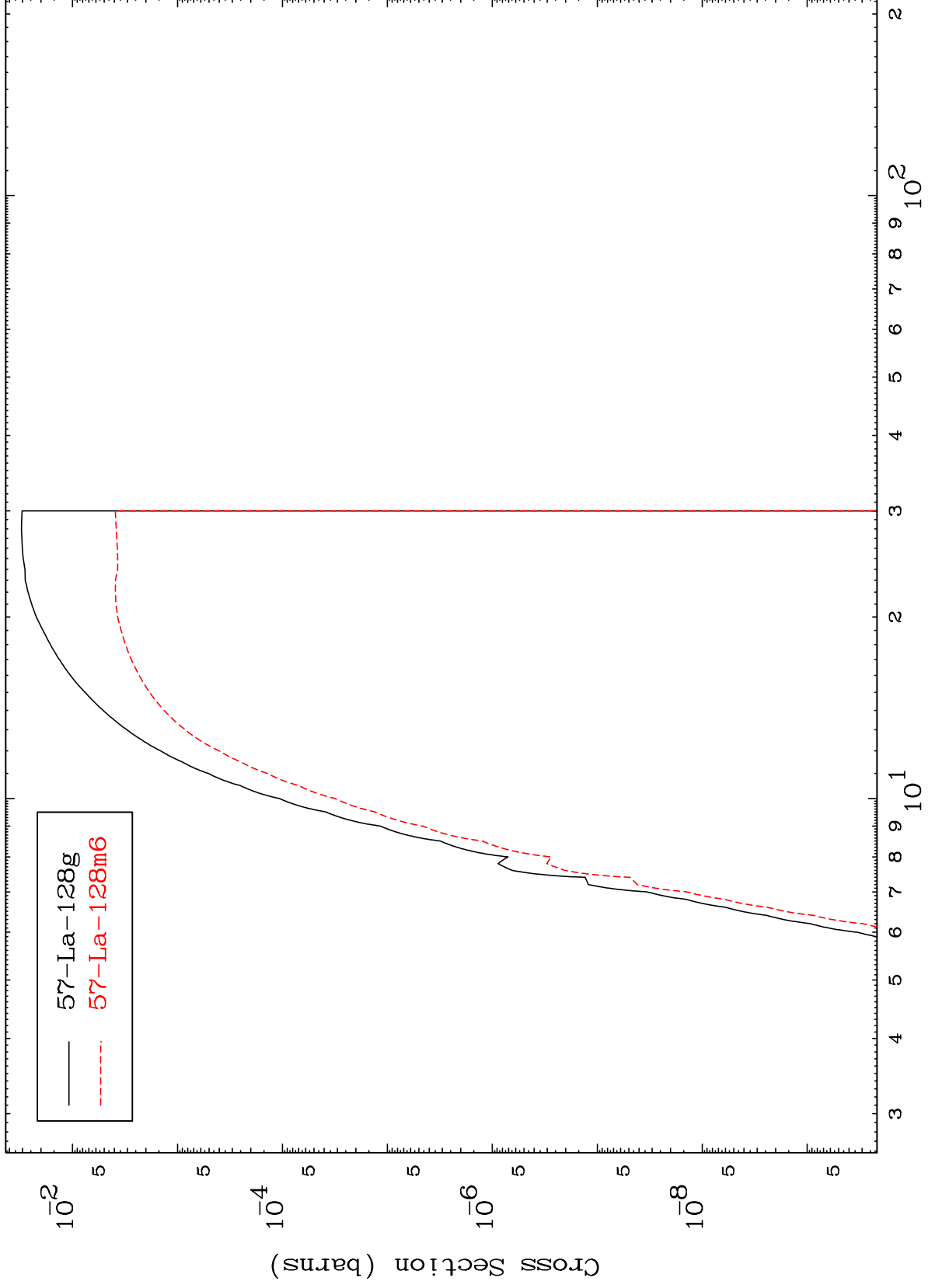
Incident Energy (MeV)

MAT 5804

(n,d)

58-Ce-129

Radionuclide Production Cross Section



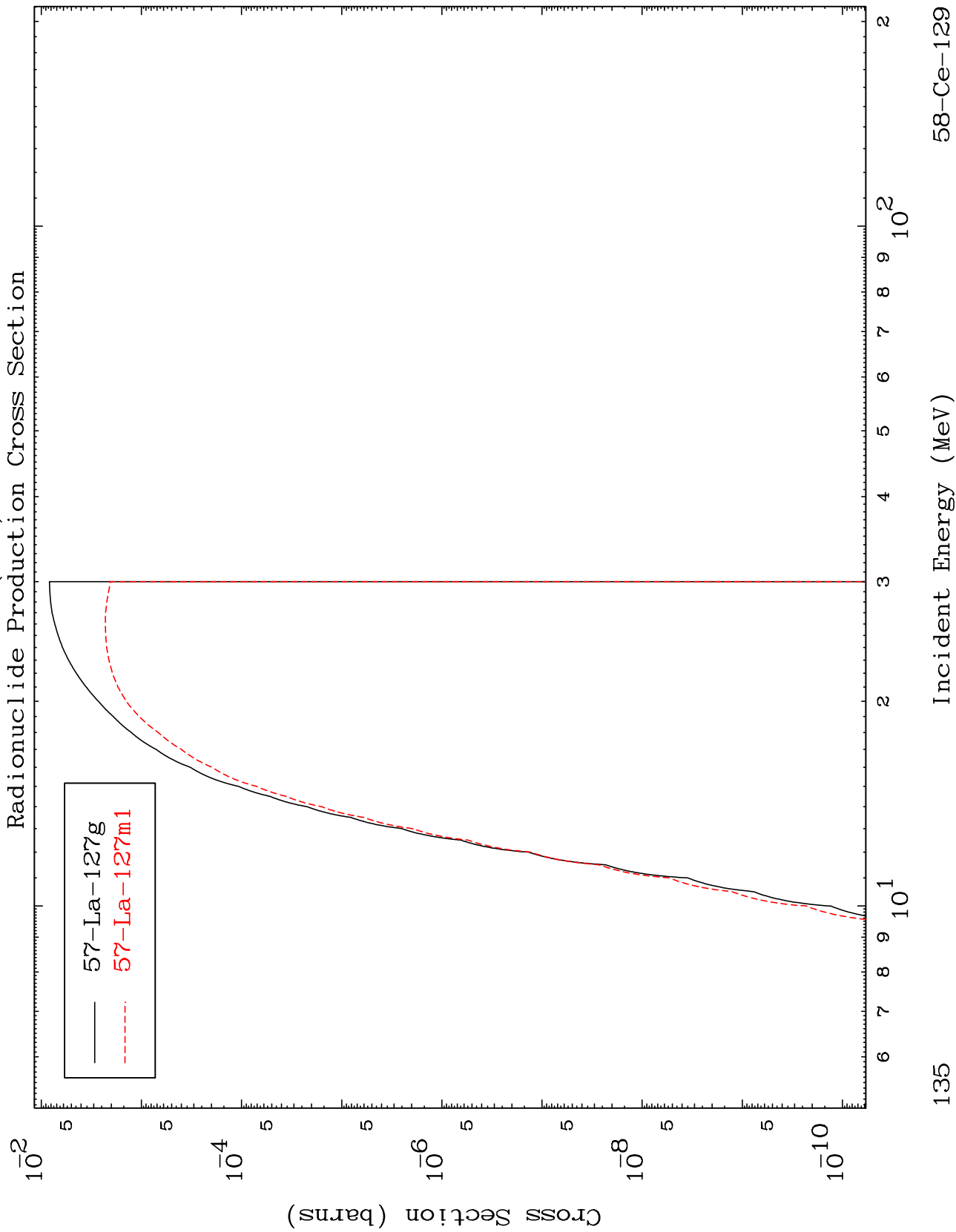
134

Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129



58-Ce-129

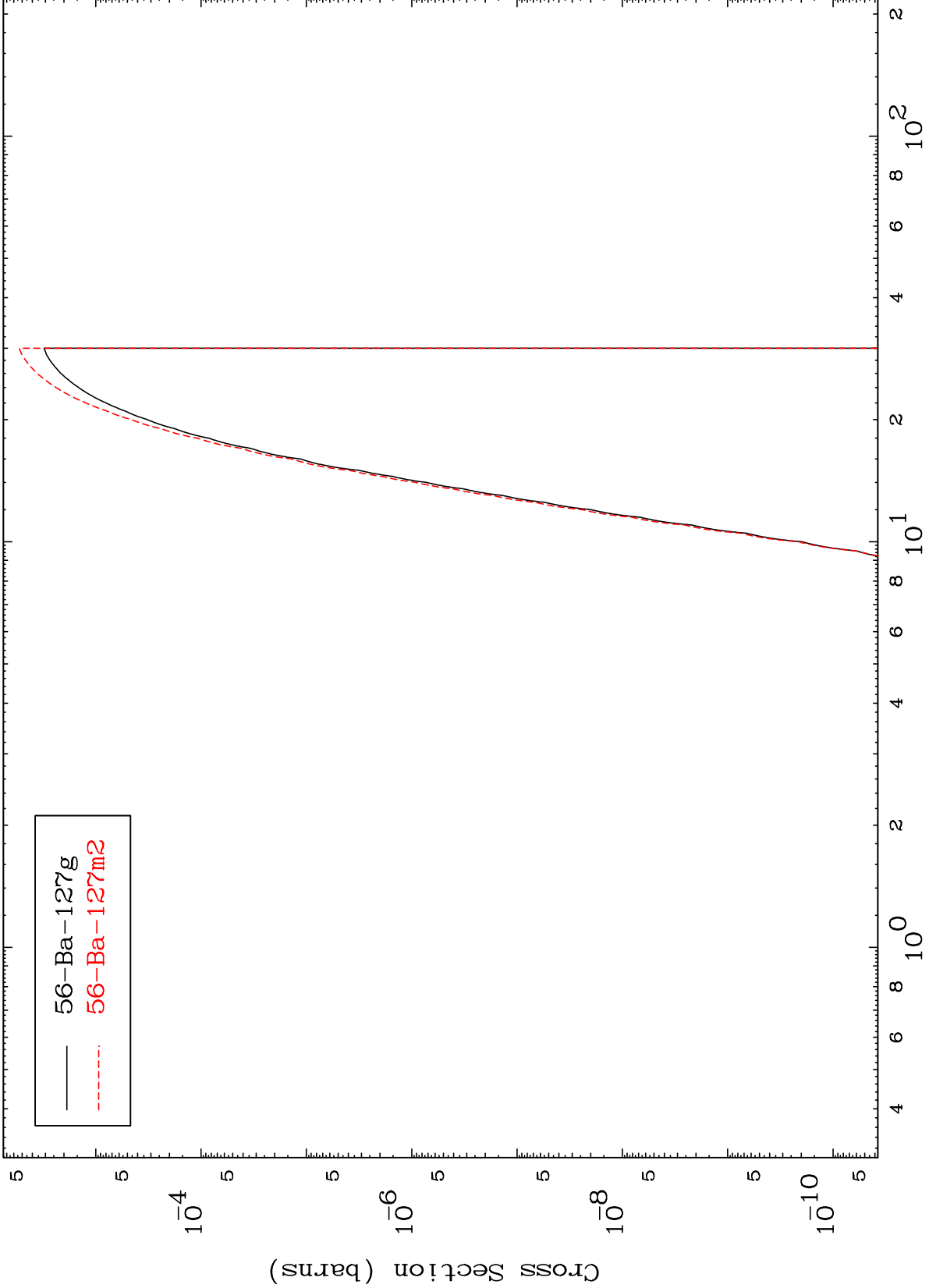
135

MAT 5804

(n,He-3)

58-Ce-129

Radionuclide Production Cross Section



56-Ba-127g
56-Ba-127m2

136

Incident Energy (MeV)

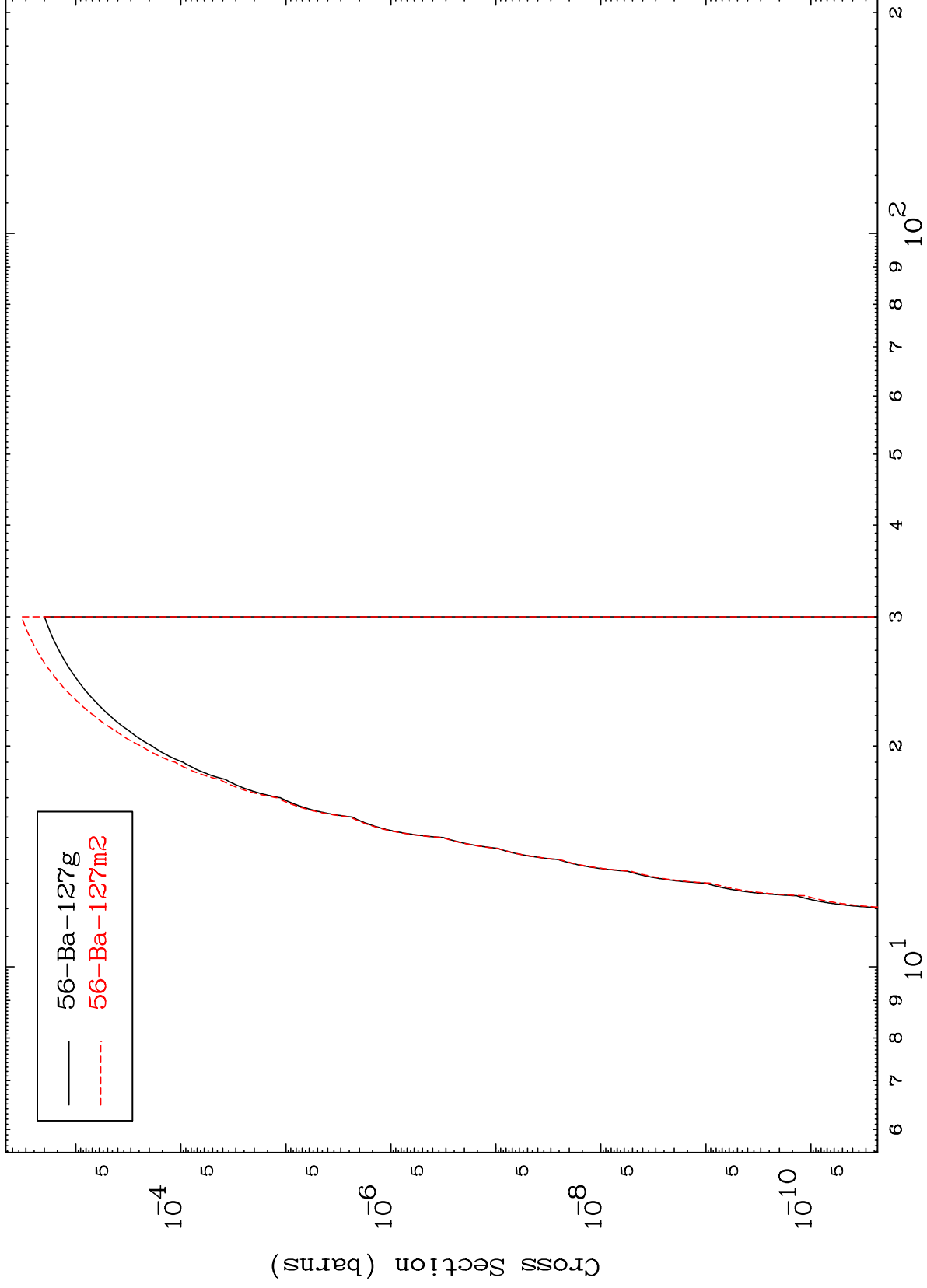
58-Ce-129

MAT 5804

(n,p) d

58-Ce-129

Radionuclide Production Cross Section



137

Incident Energy (MeV)

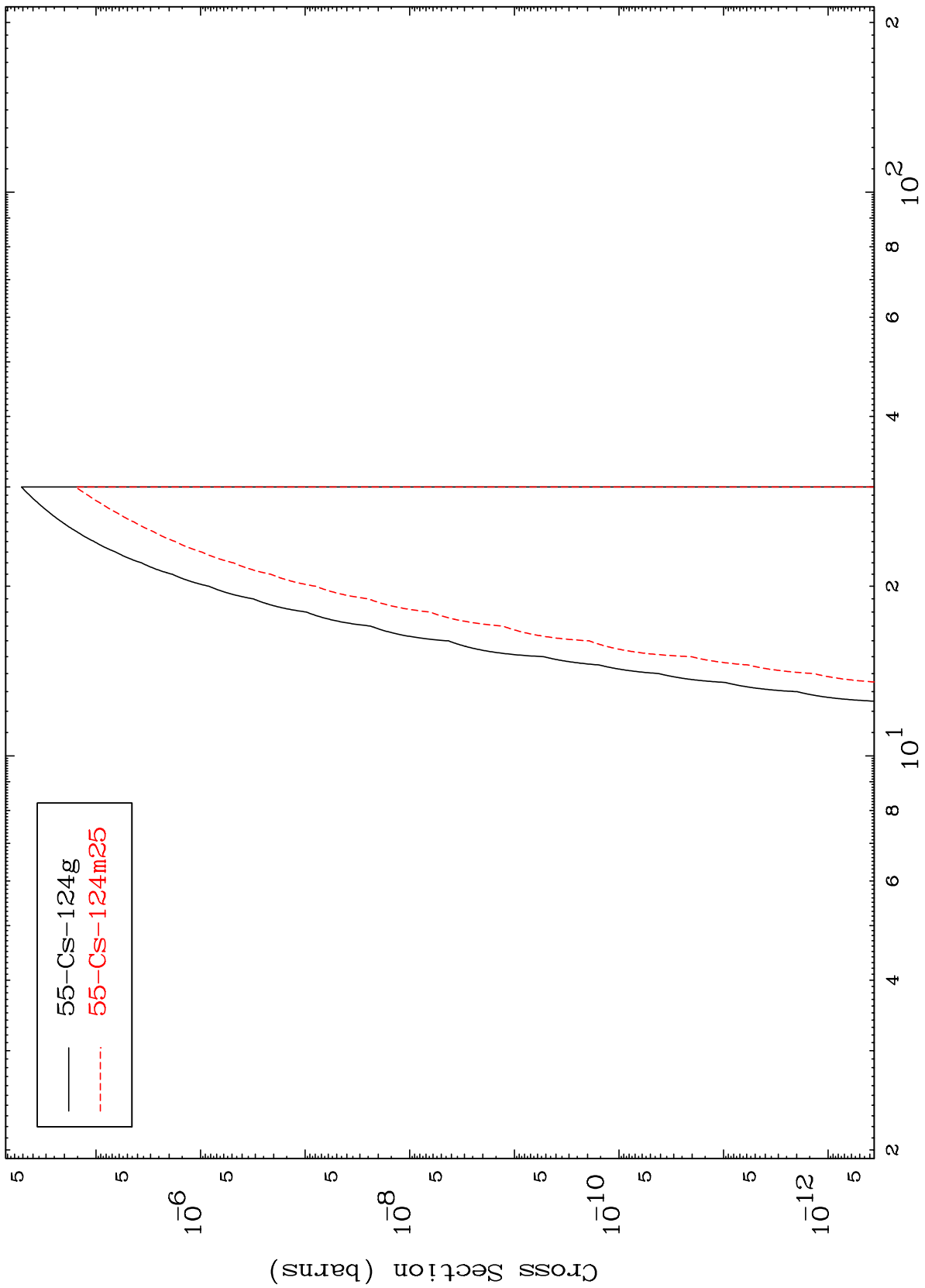
58-Ce-129

MAT 5804

(n,d) α

58-Ce-129

Radionuclide Production Cross Section



138

Incident Energy (MeV)

58-Ce-129