

Program EVALPLOT
(Version 2015-2)

by

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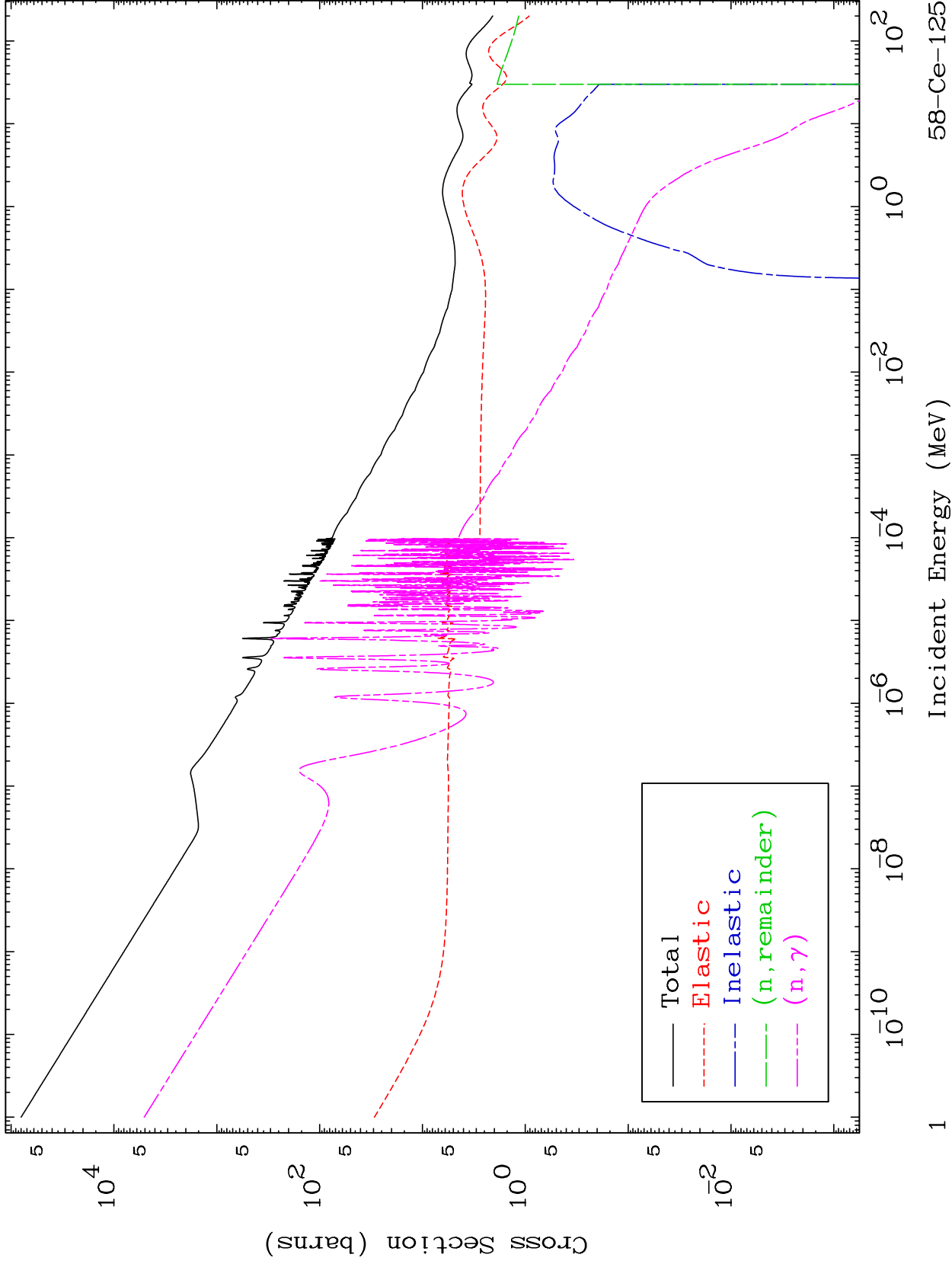
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5792

Major
293 Kelvin Cross Sections

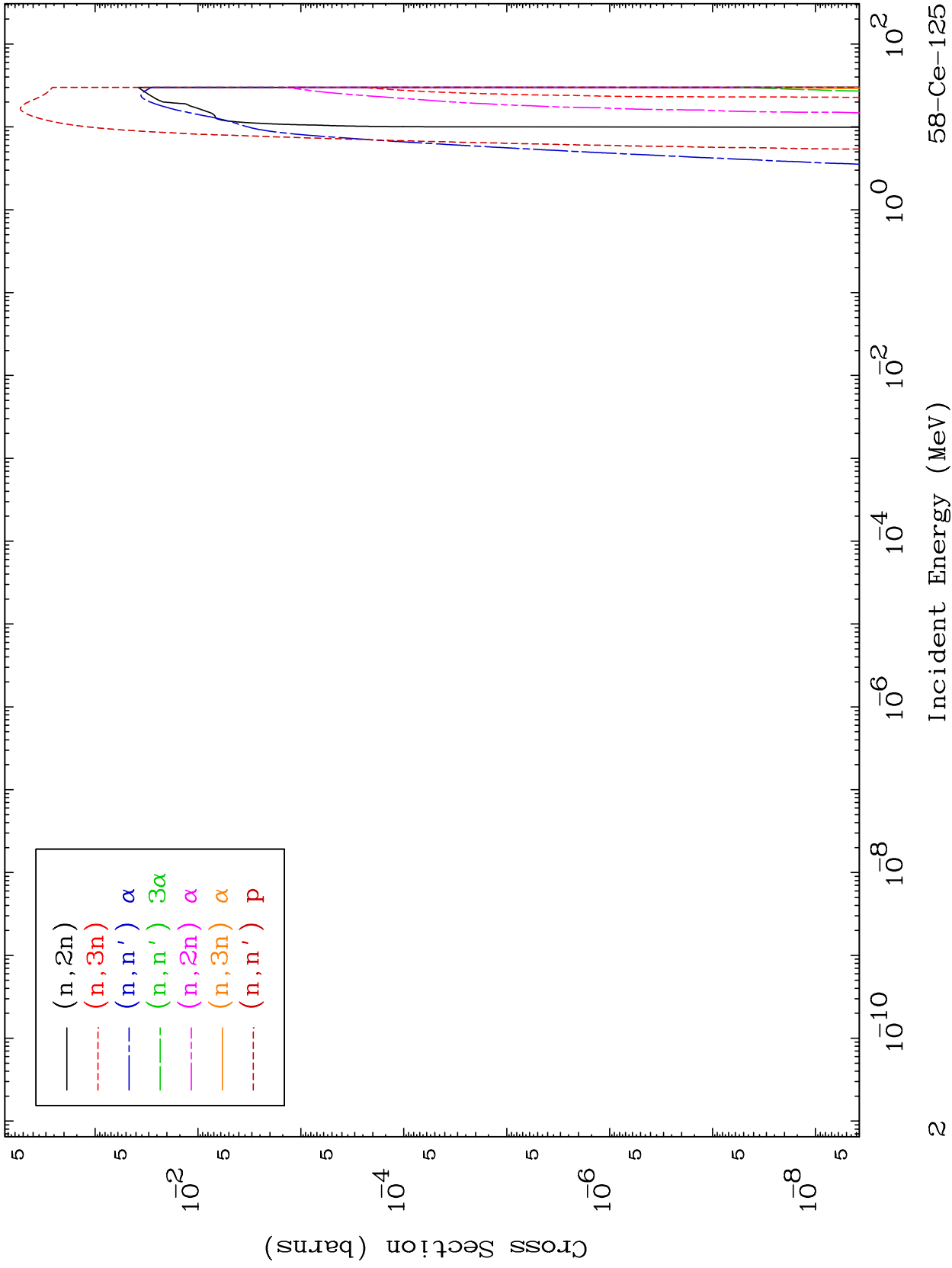
58-Ce-125



MAT 5792

Neutron Production
293 Kelvin Cross Sections

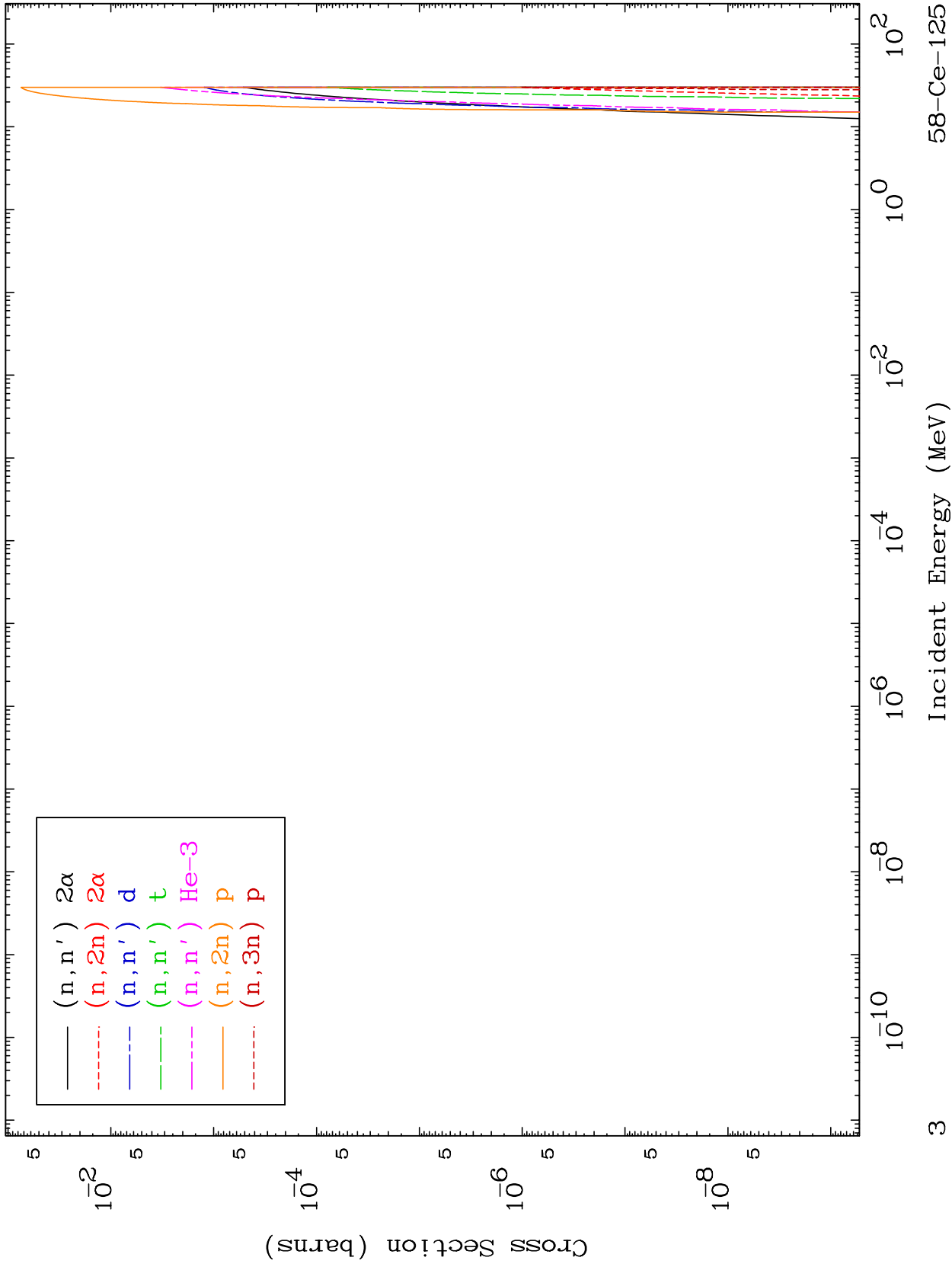
58-Ce-125



MAT 5792

Neutron Production
293 Kelvin Cross Sections

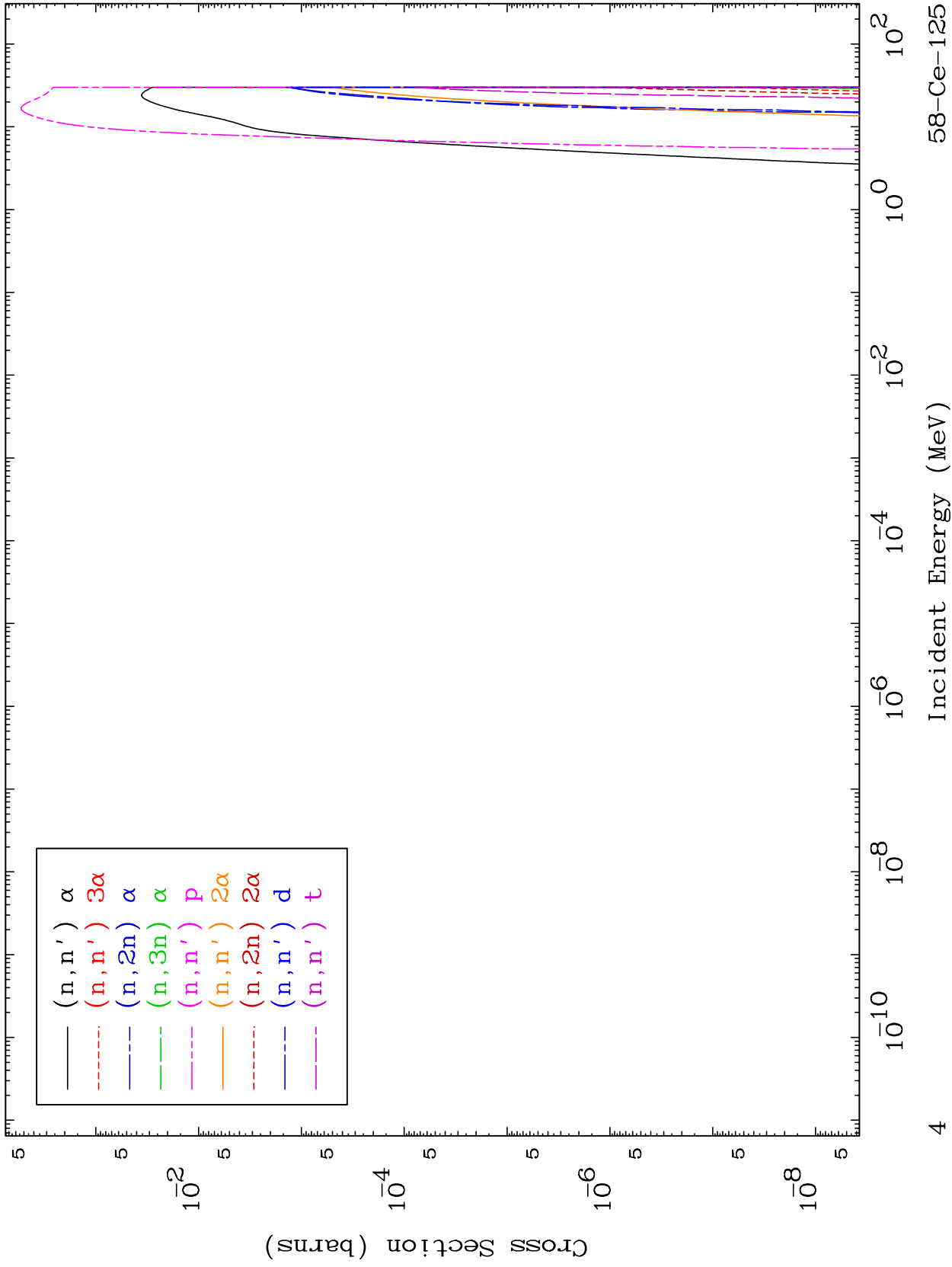
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

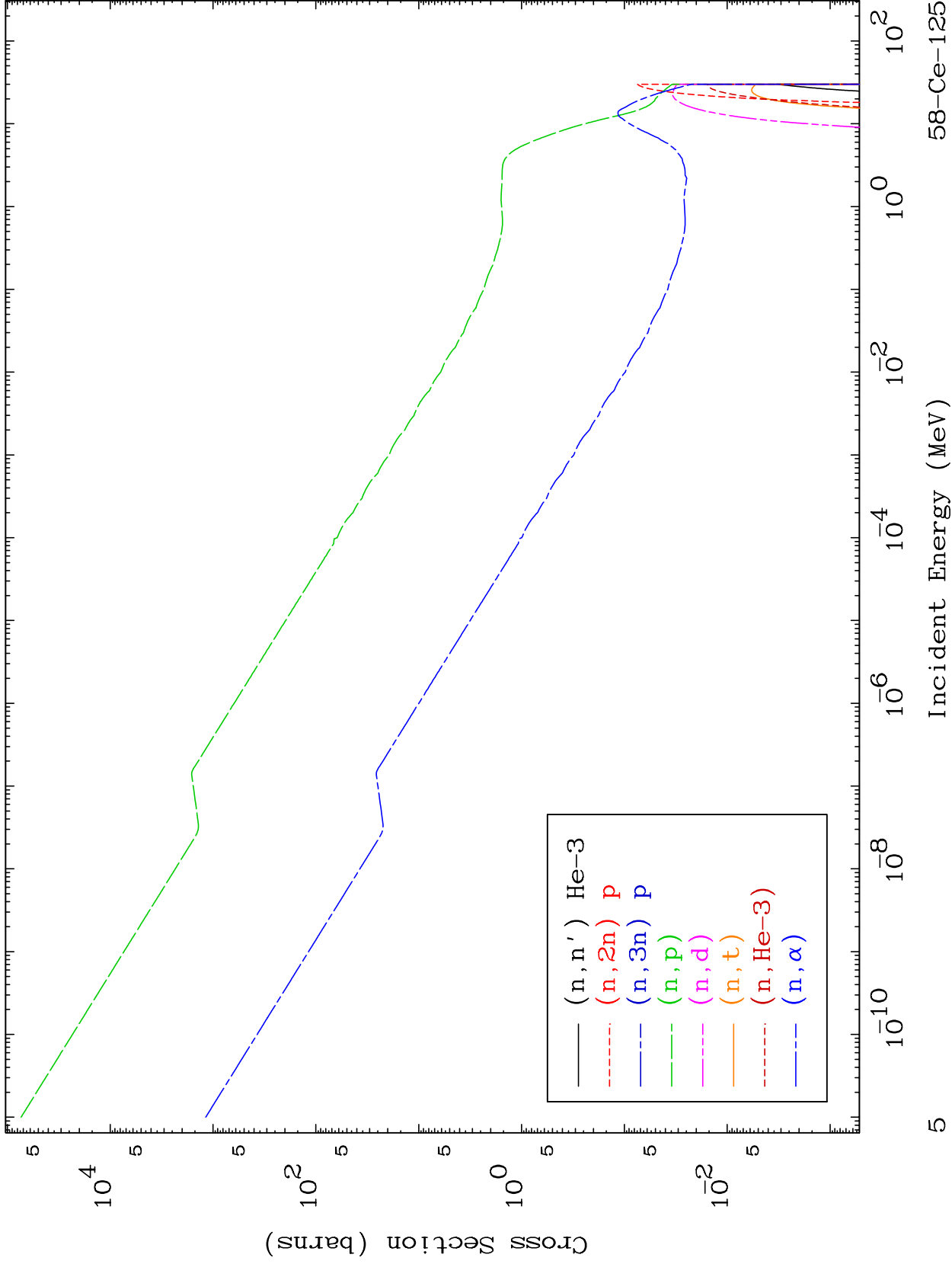
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

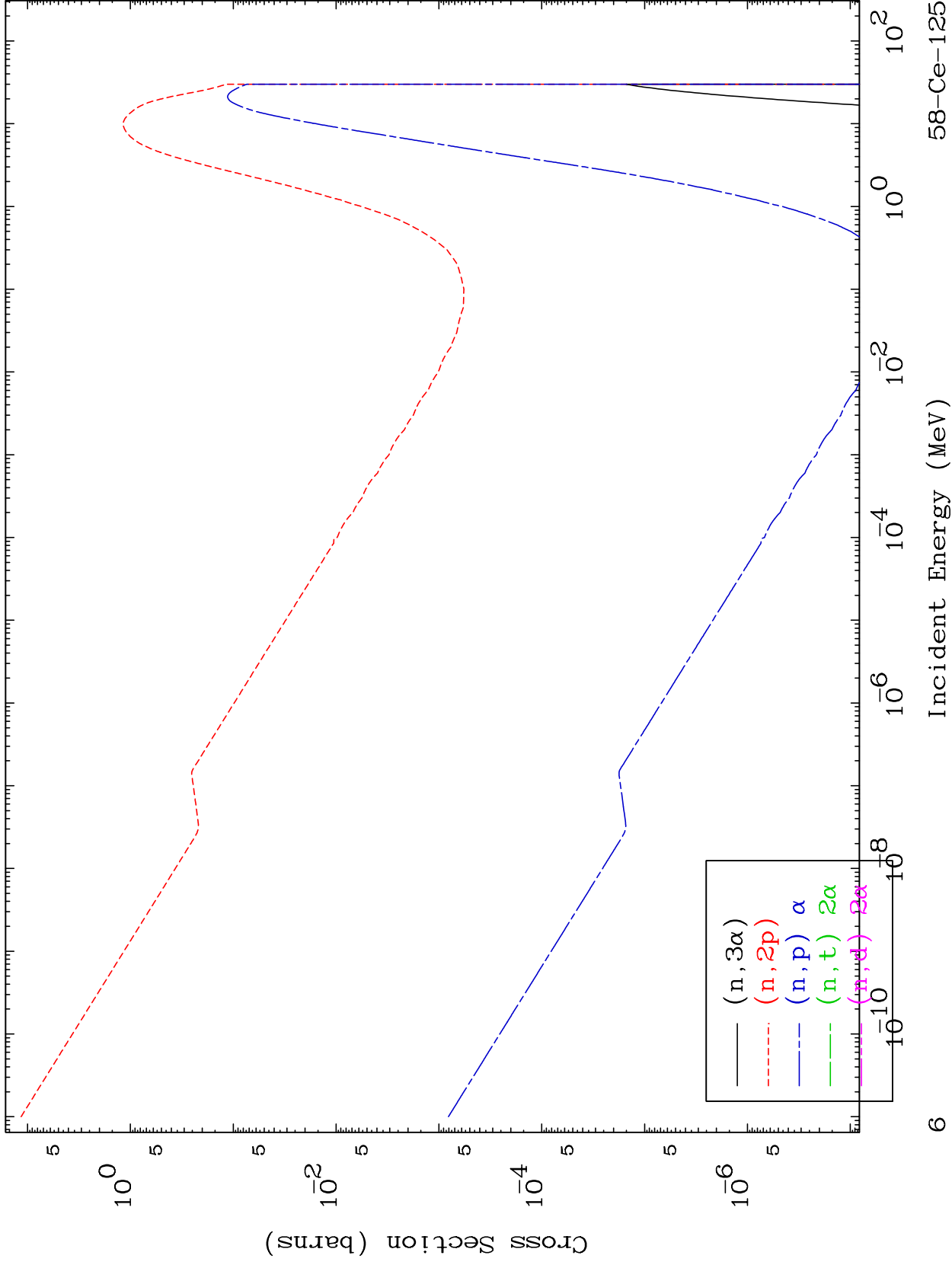
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

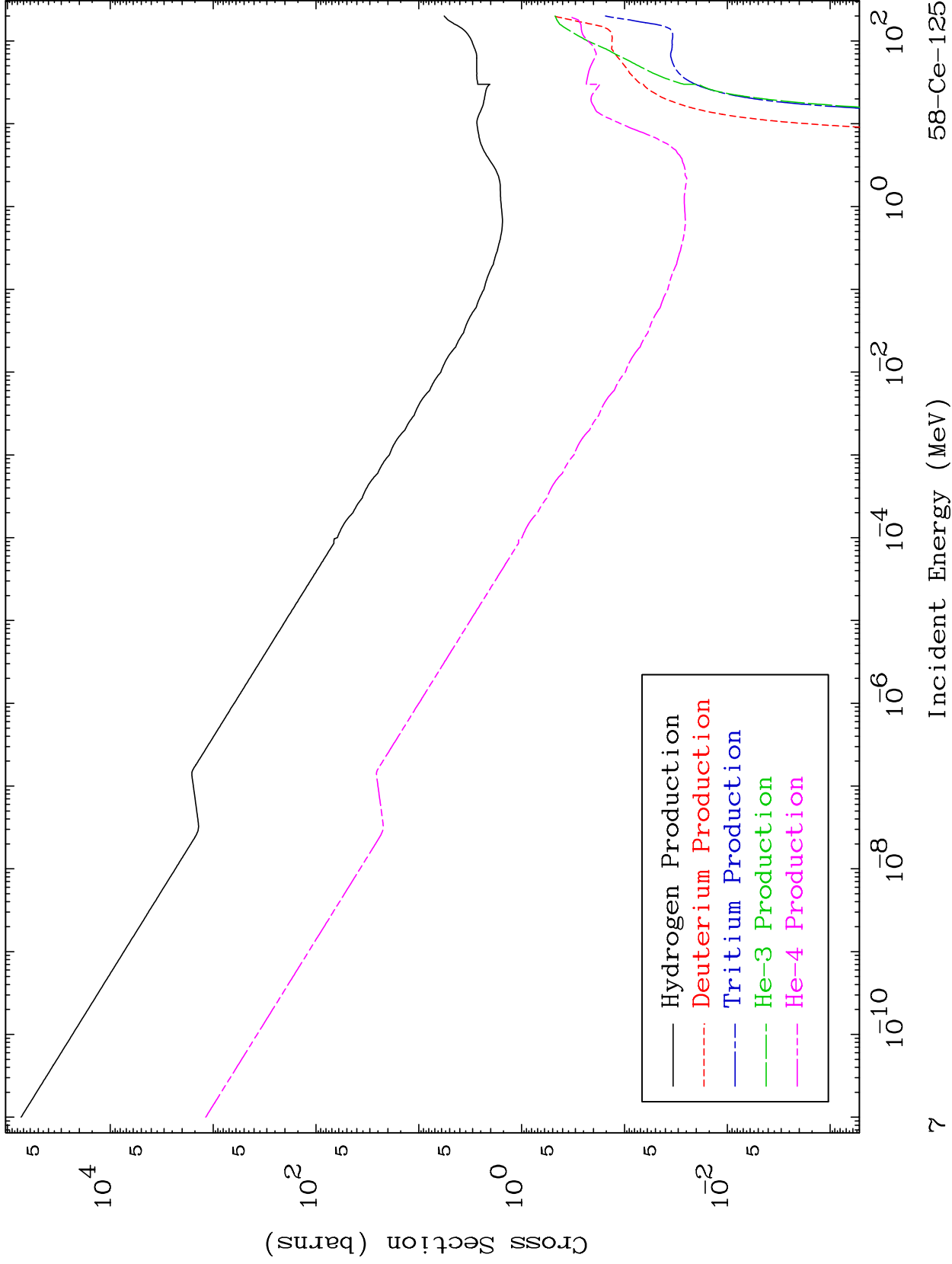
58-Ce-125



MAT 5792

Particle Production
293 Kelvin Cross Sections

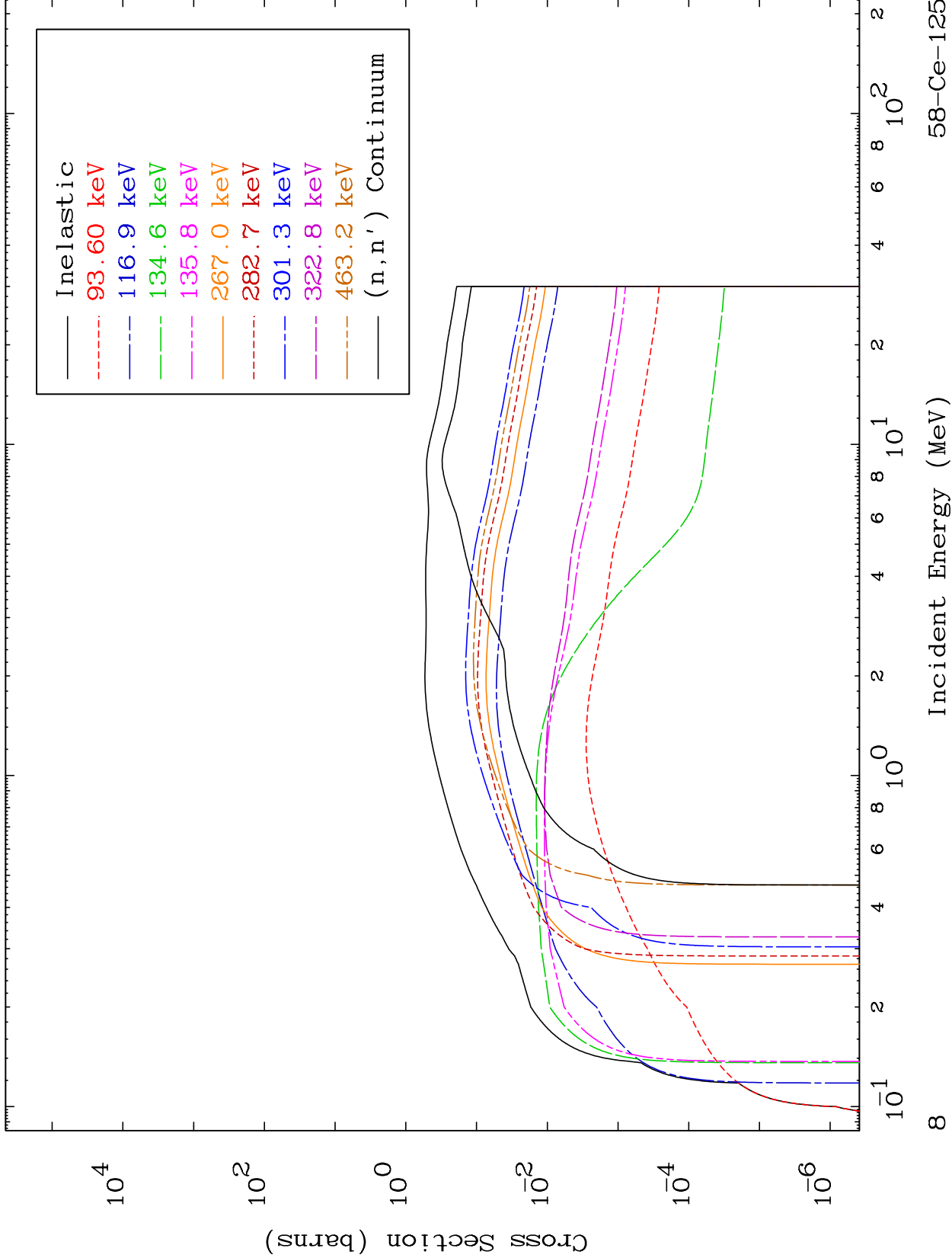
58-Ce-125



MAT 5792

(n,n') Level
293 Kelvin Cross Sections

58-Ce-125



58-Ce-125

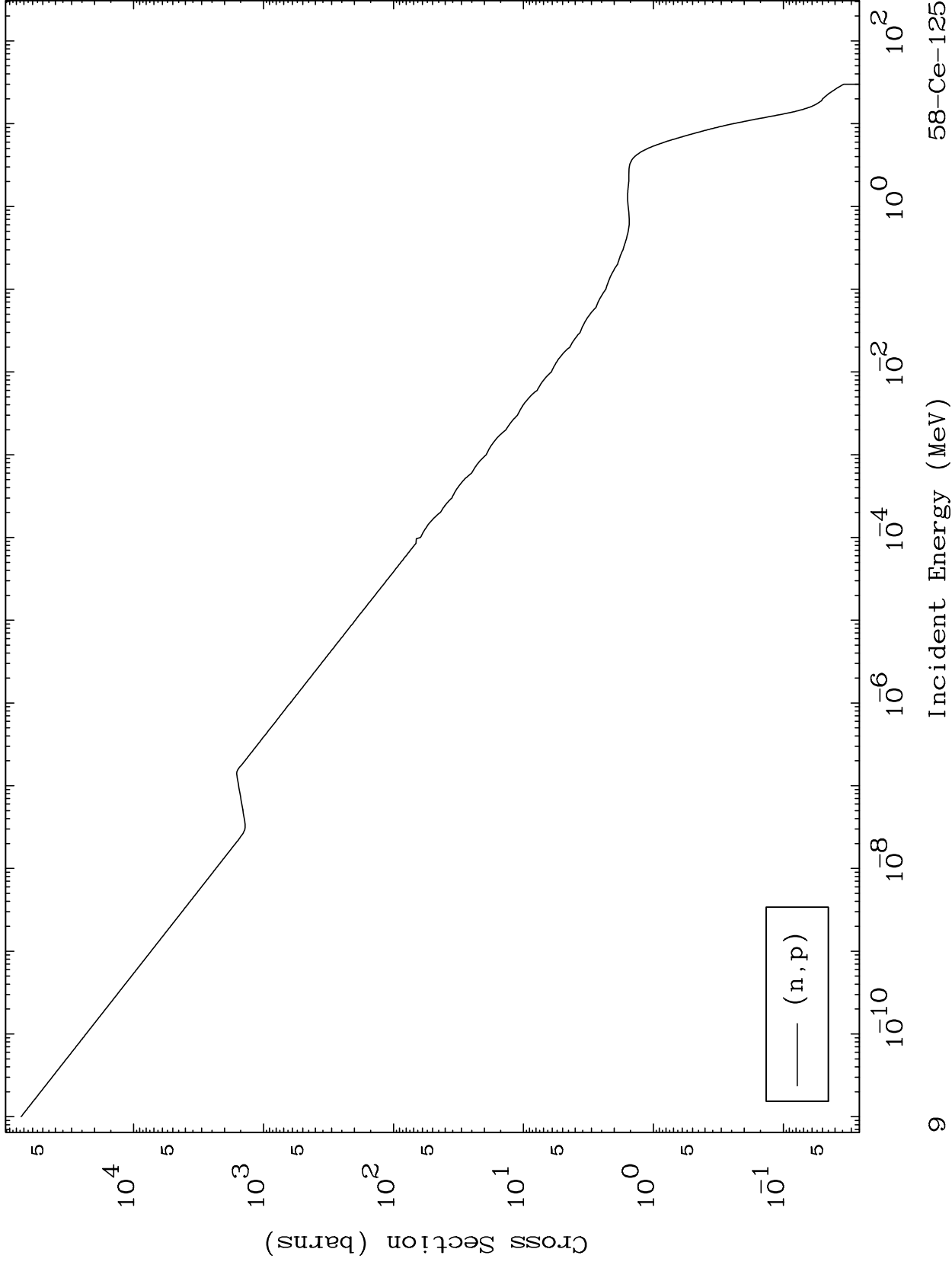
Incident Energy (MeV)

8

MAT 5792

(n,p) Levels
293 Kelvin Cross Sections

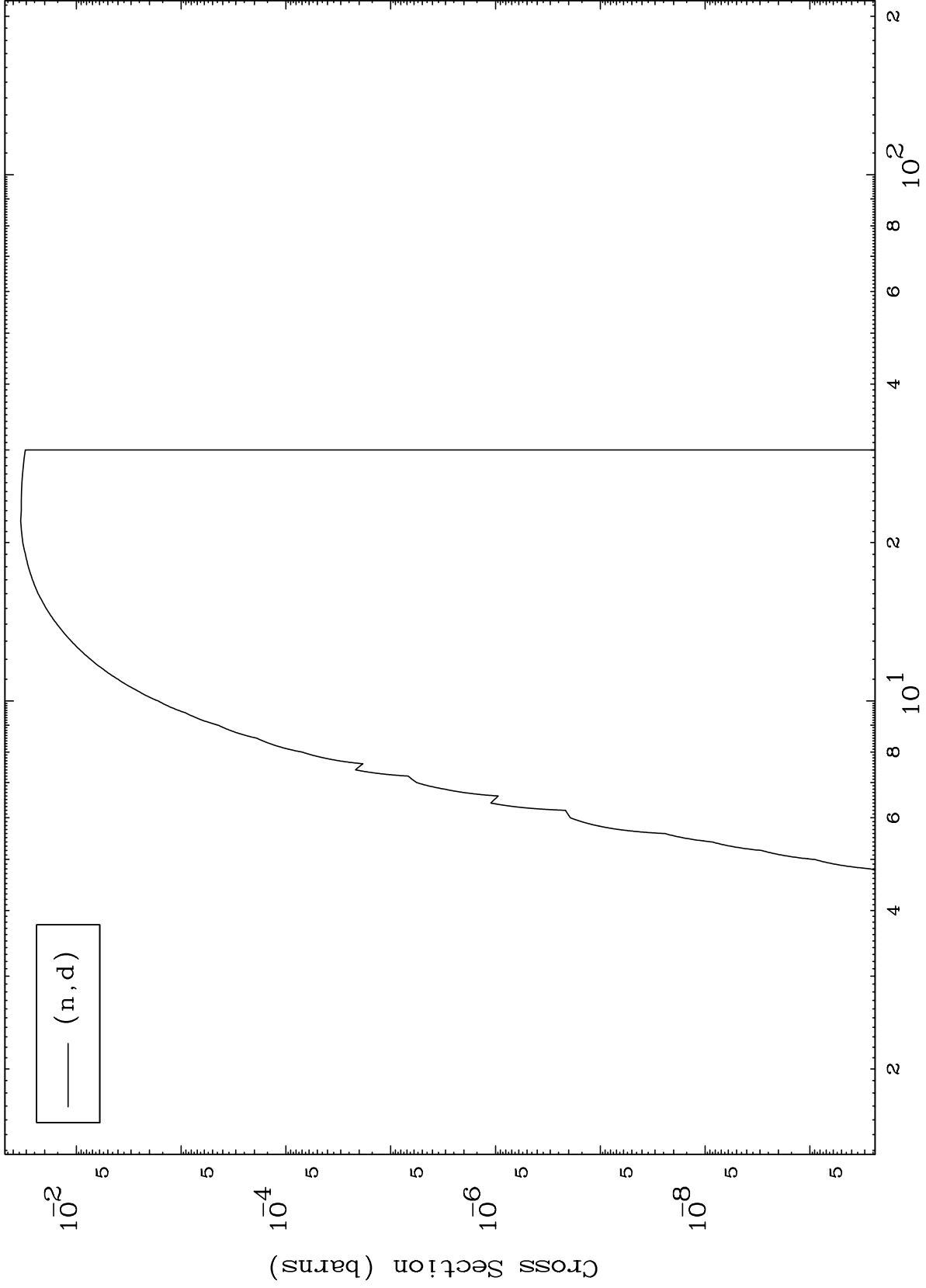
58-Ce-125



MAT 5792

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-125



10

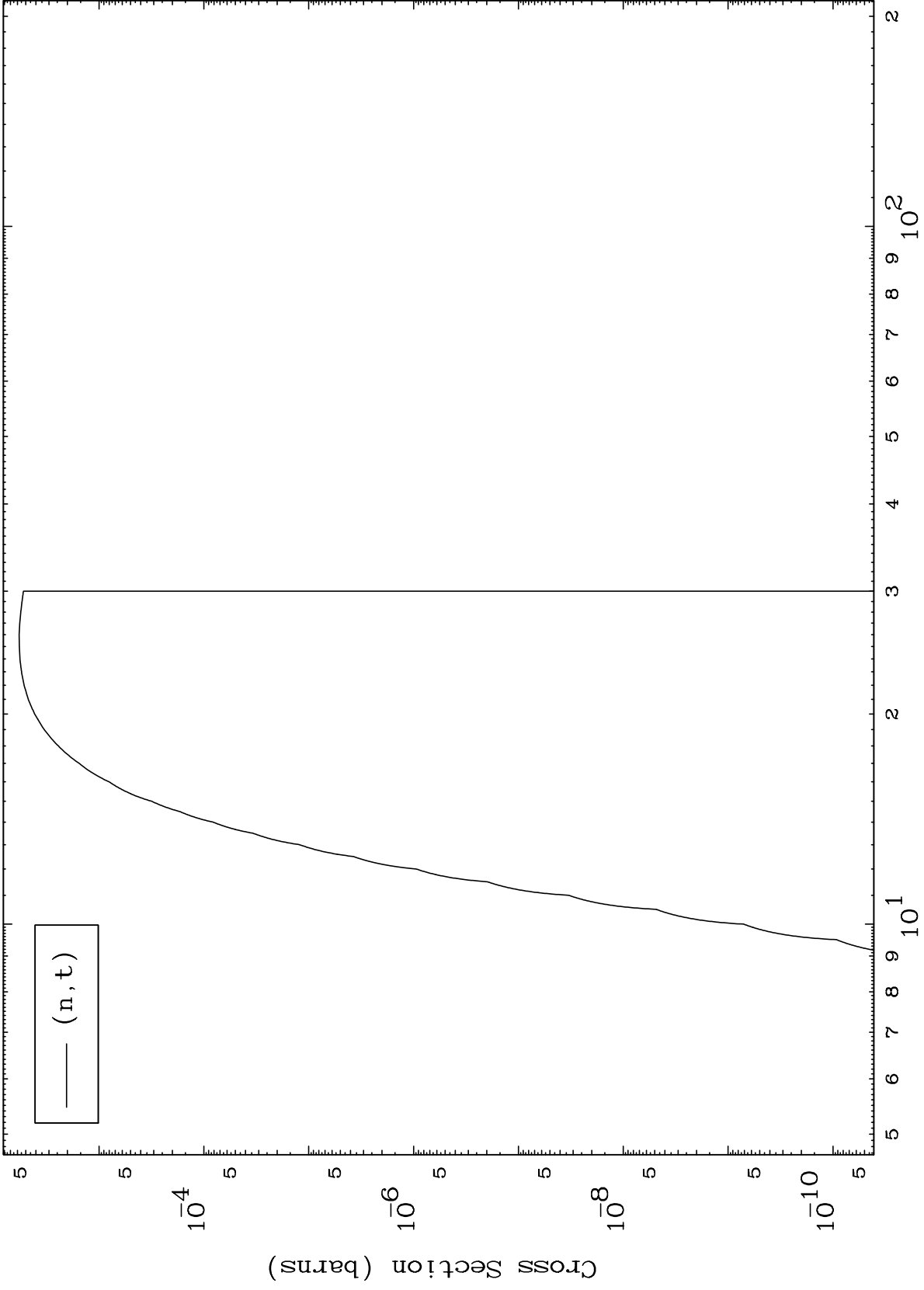
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-125



11

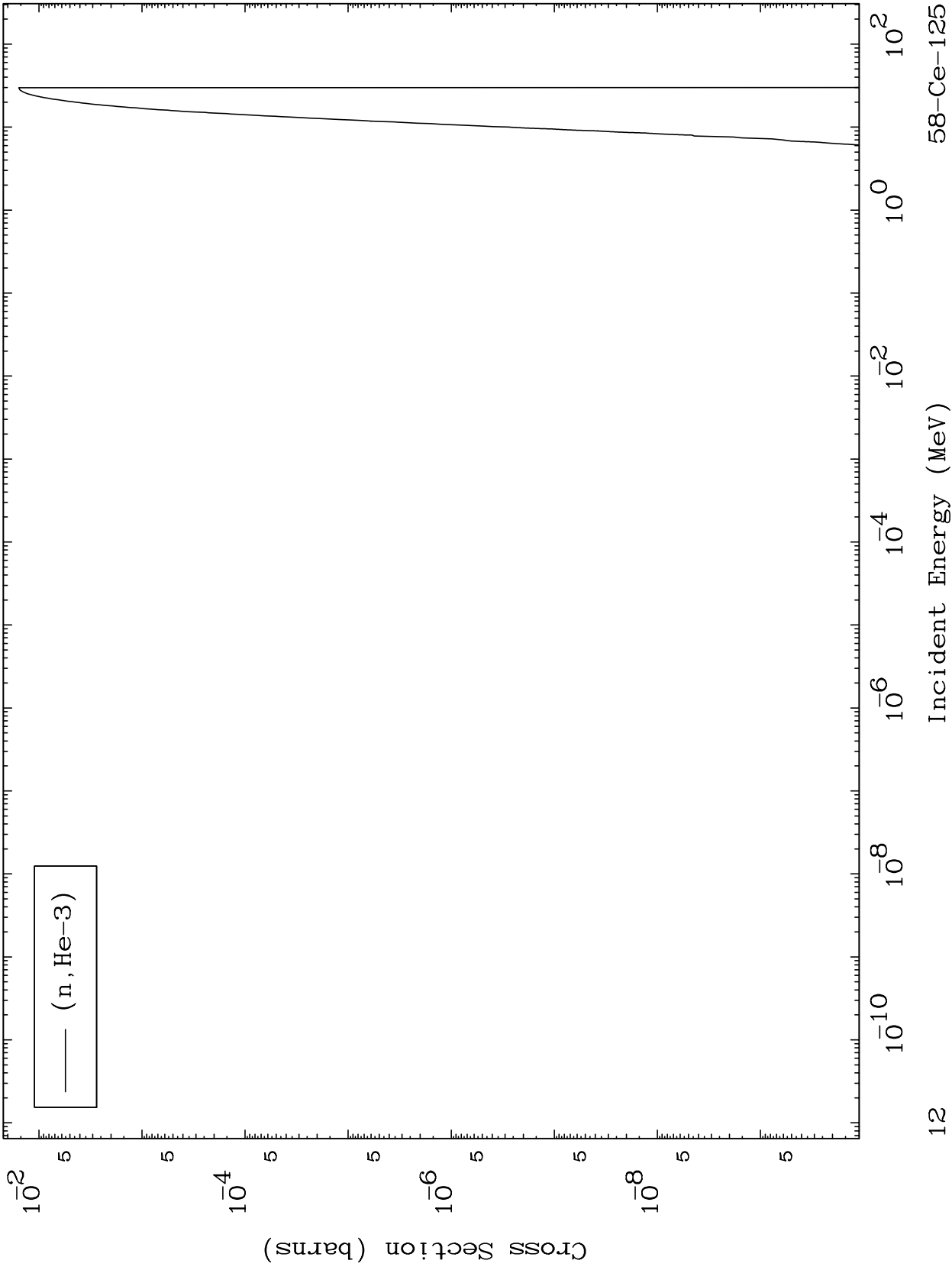
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,He3) Levels
293 Kelvin Cross Sections

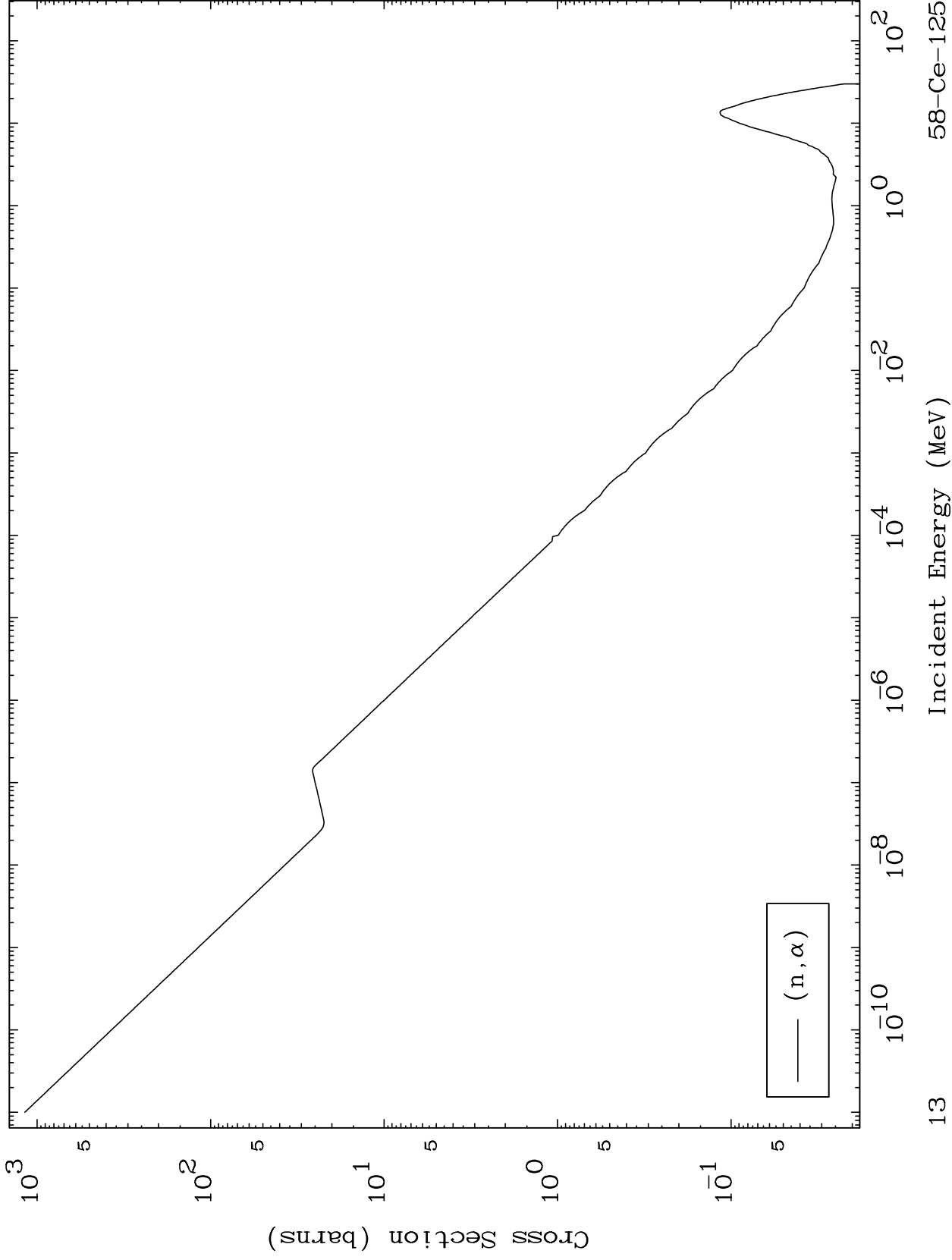
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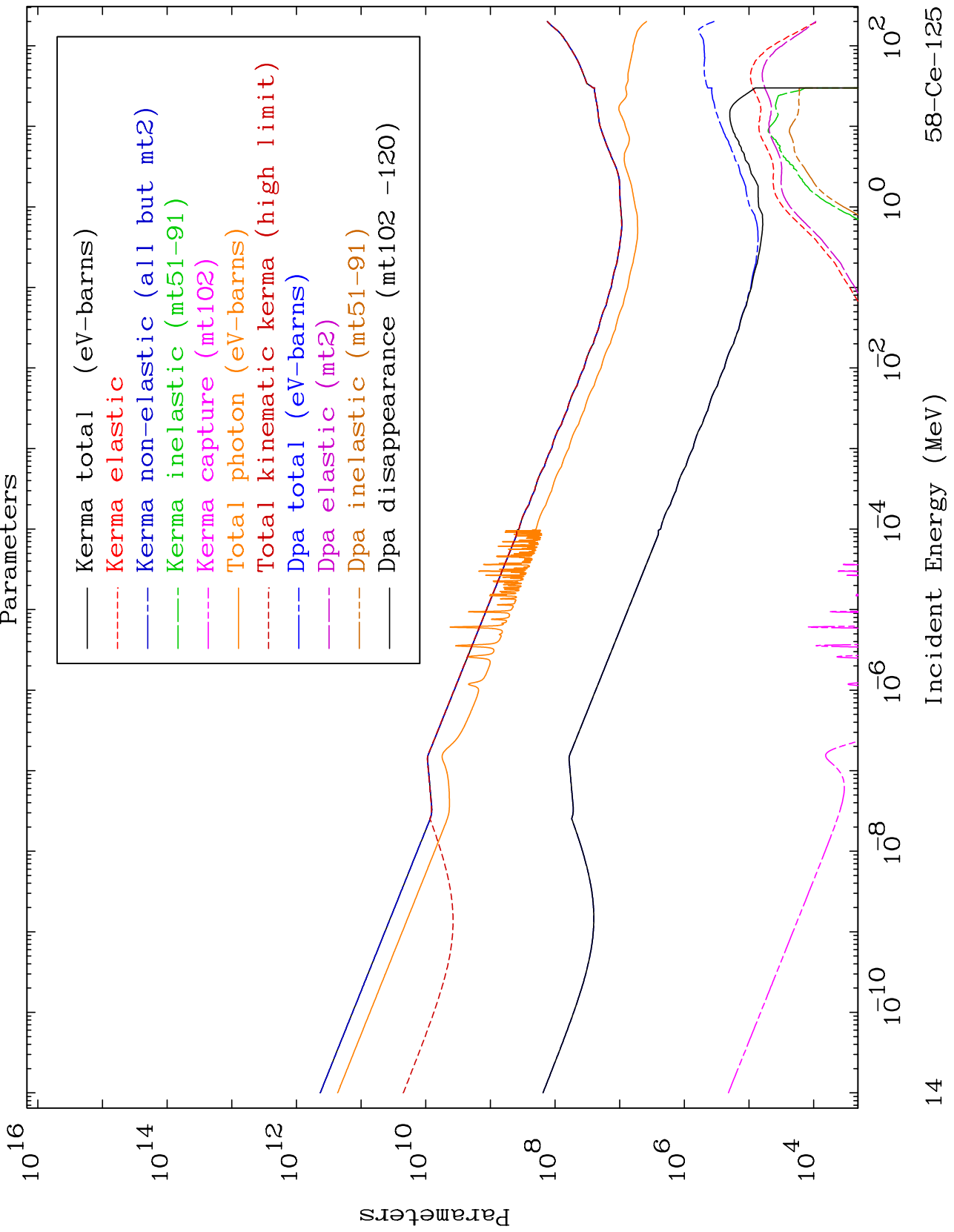


MAT 5792

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-125

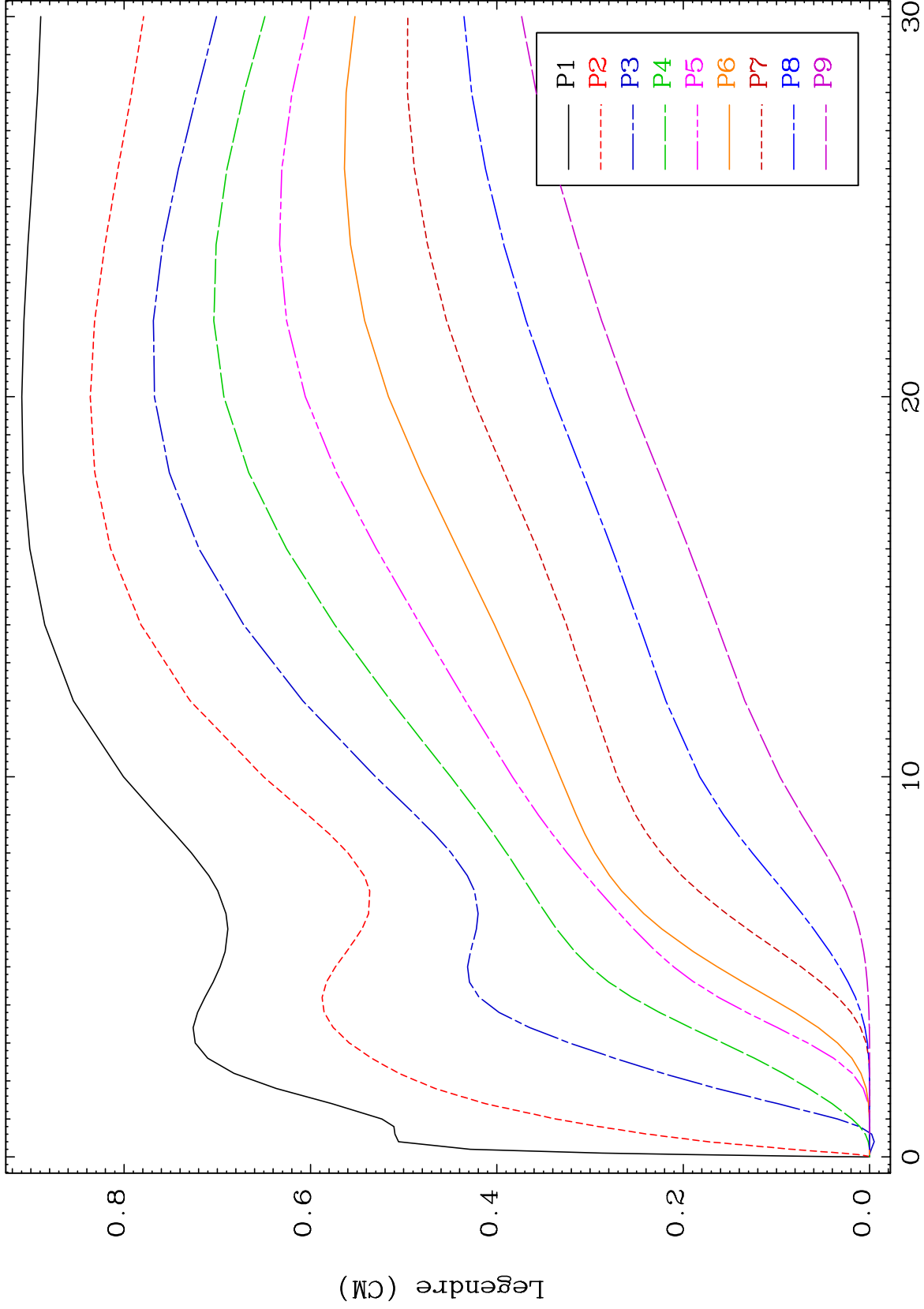




MAT 5792

Elastic Legendre Coefficients

58-Ce-125



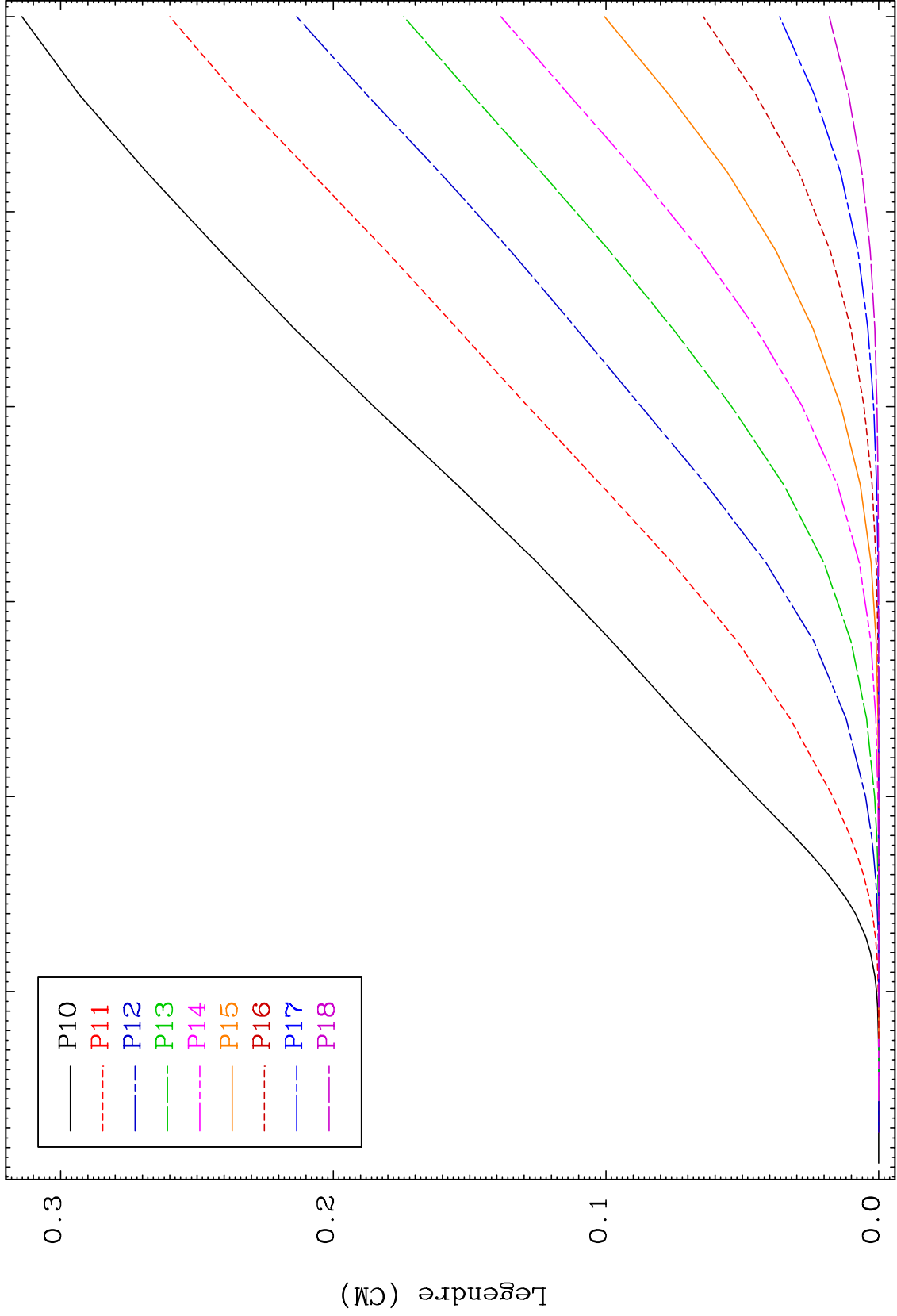
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic
Legendre Coefficients

58-Ce-125



16

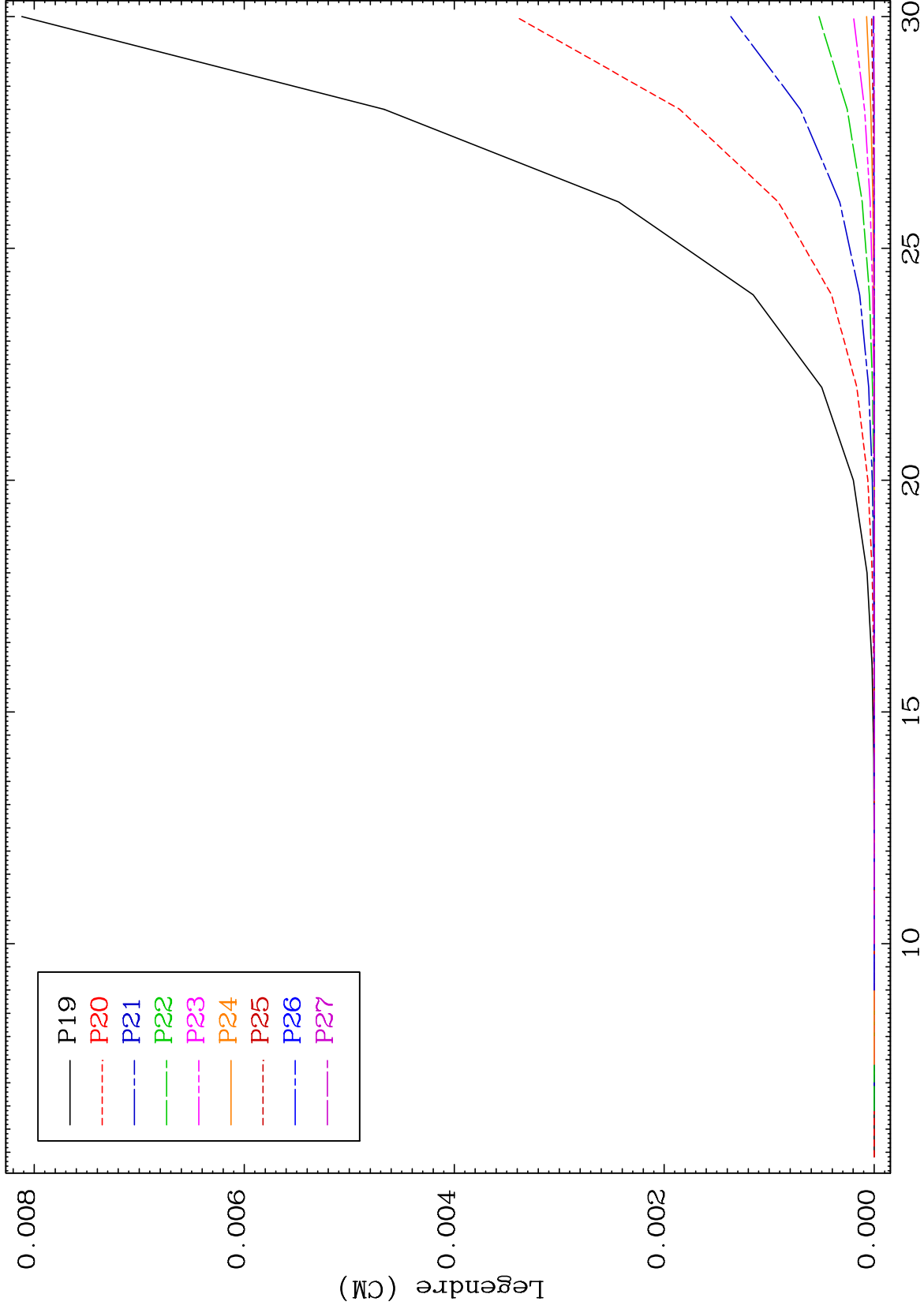
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

58-Ce-125



17

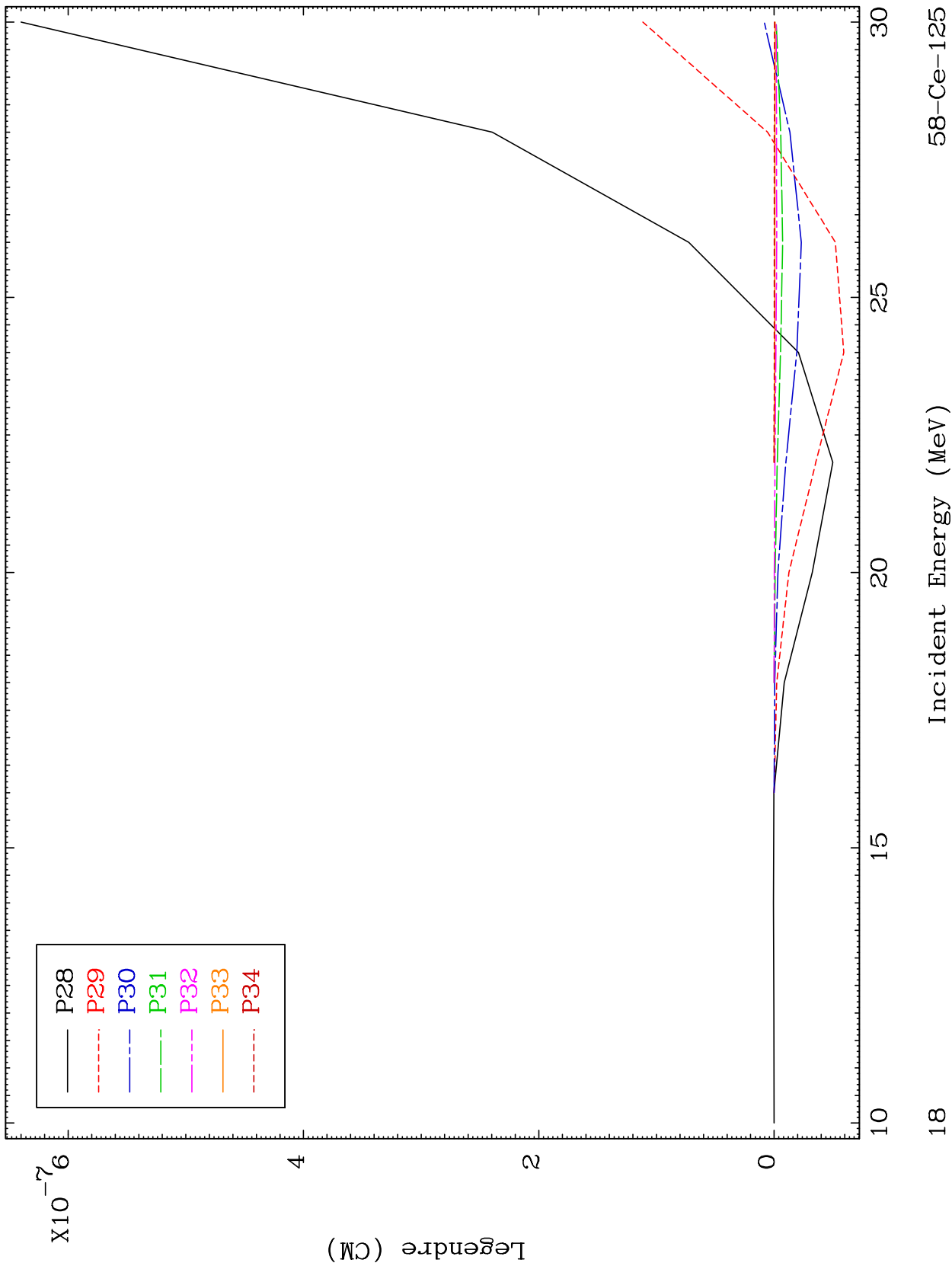
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

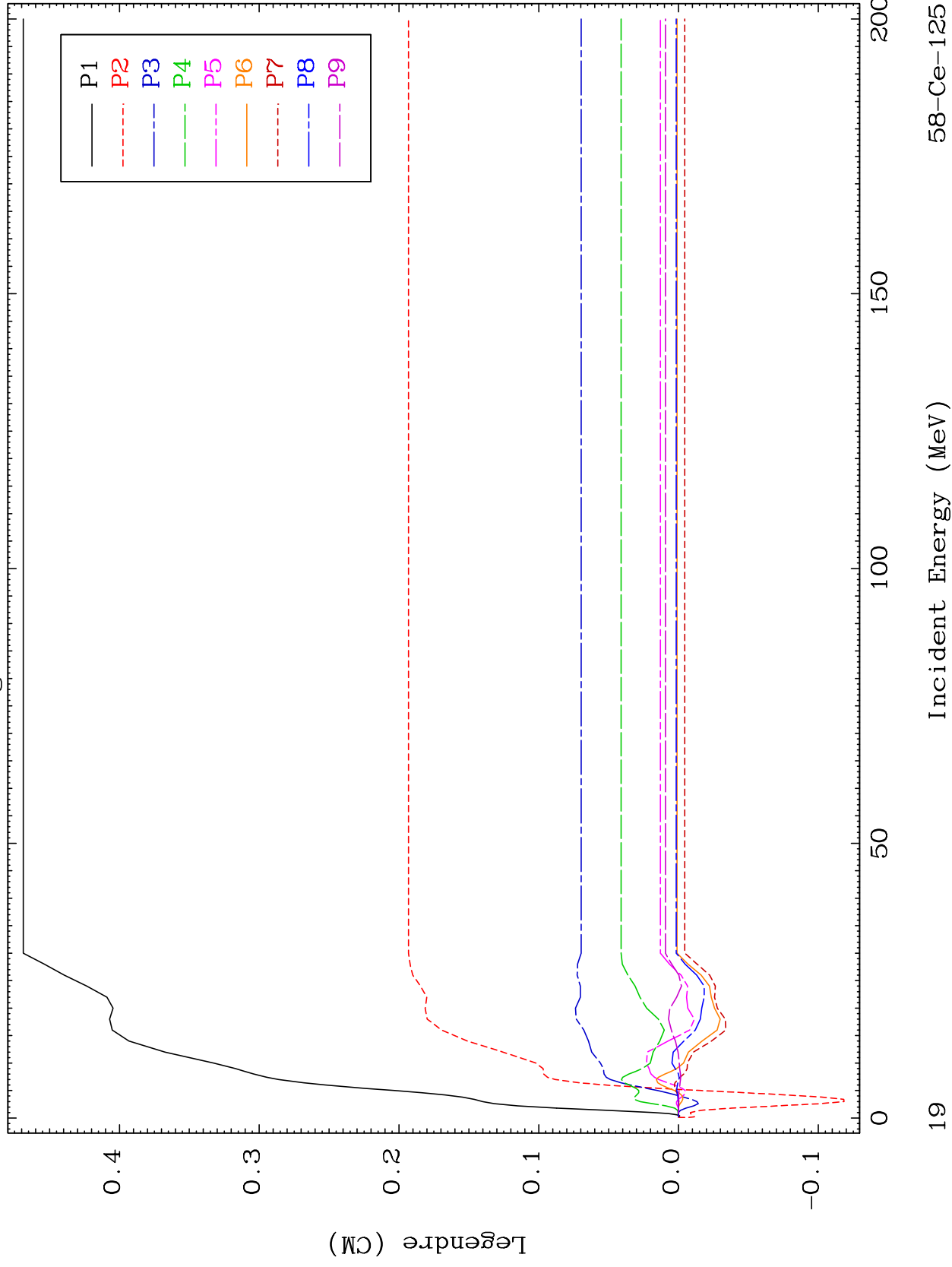
58-Ce-125



MAT 5792

93.60 keV (n,n') Level
Legendre Coefficients

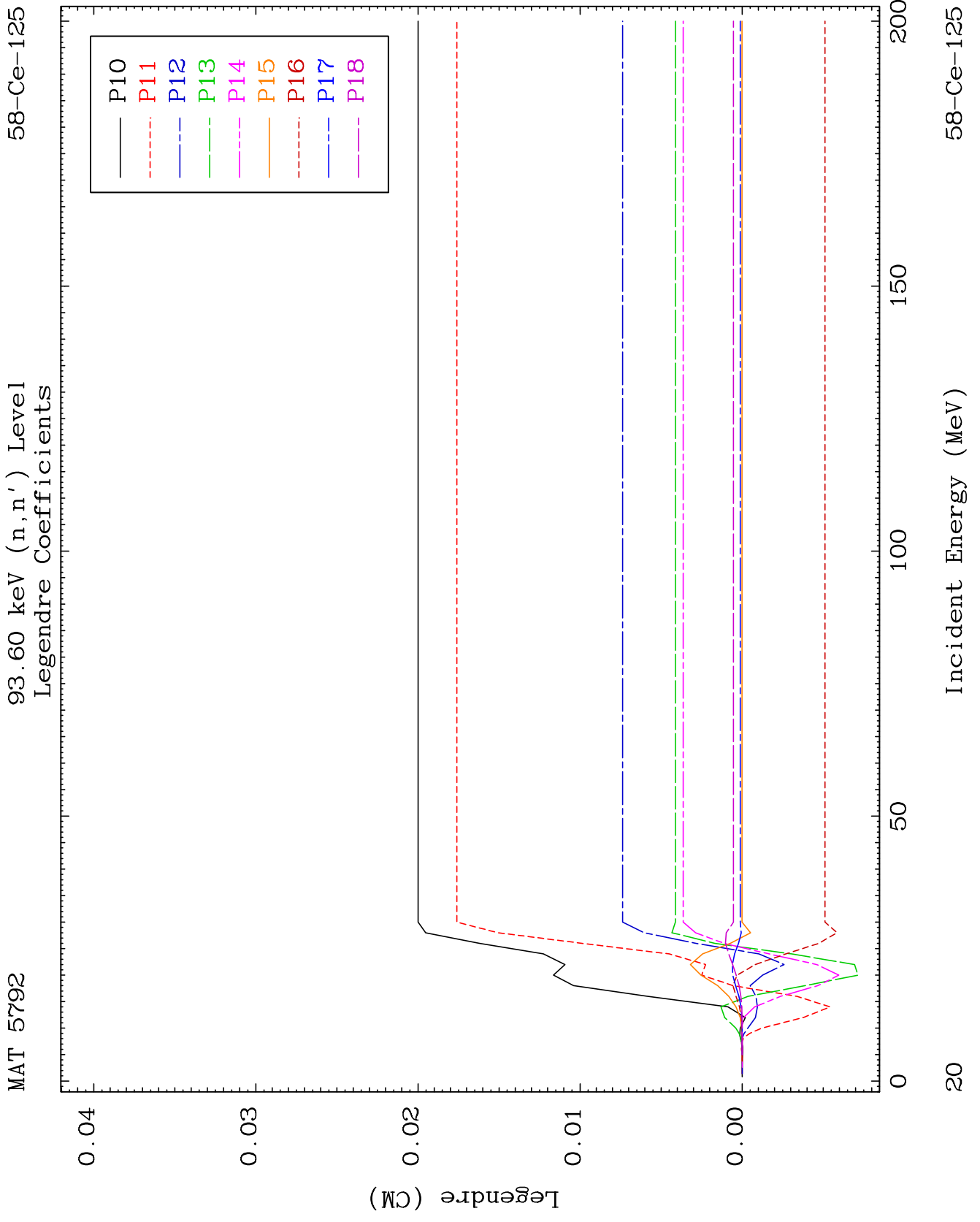
58-Ce-125



58-Ce-125

Incident Energy (MeV)

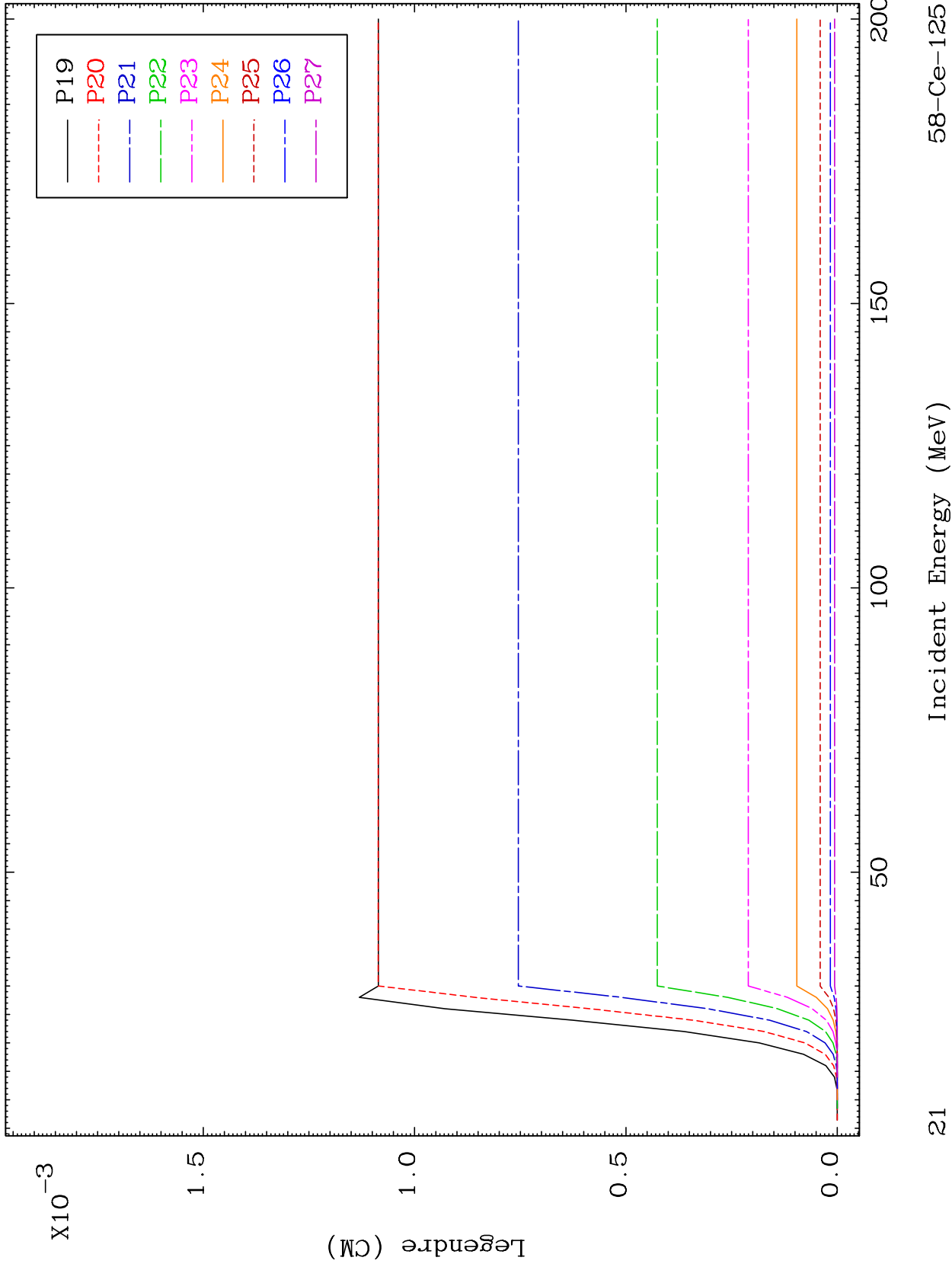
19



MAT 5792

93.60 keV (n,n') Level
Legendre Coefficients

58-Ce-125

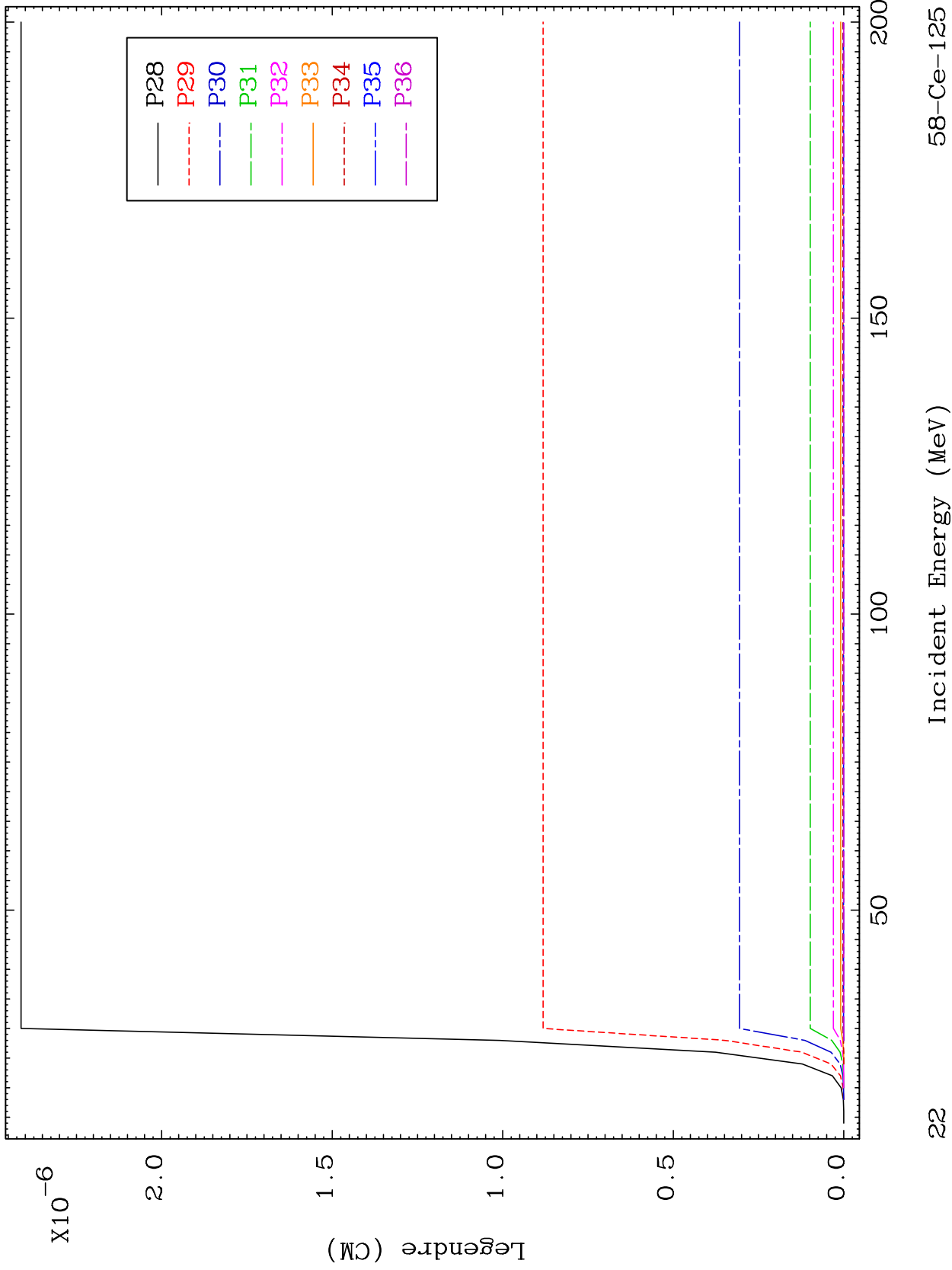


21

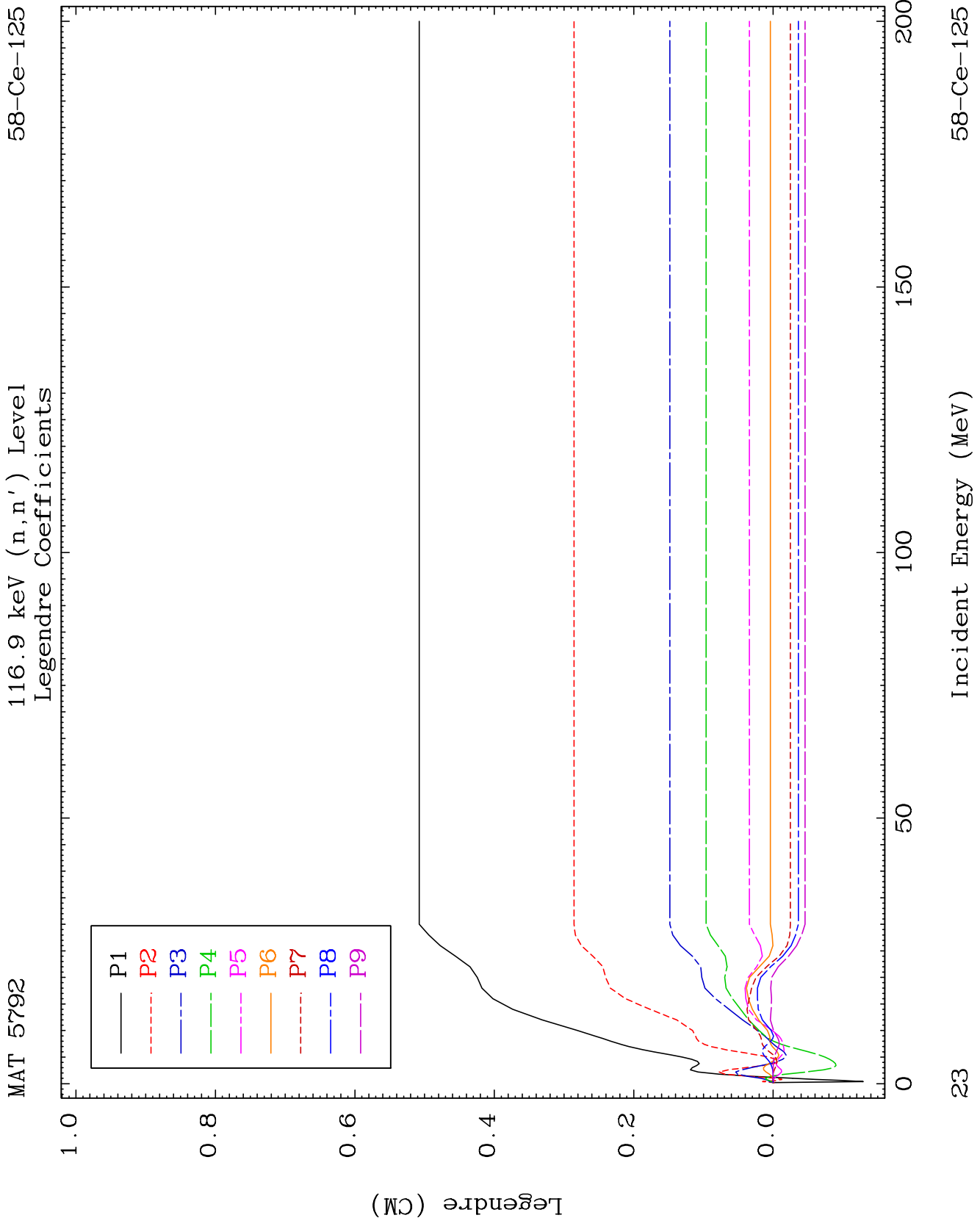
MAT 5792

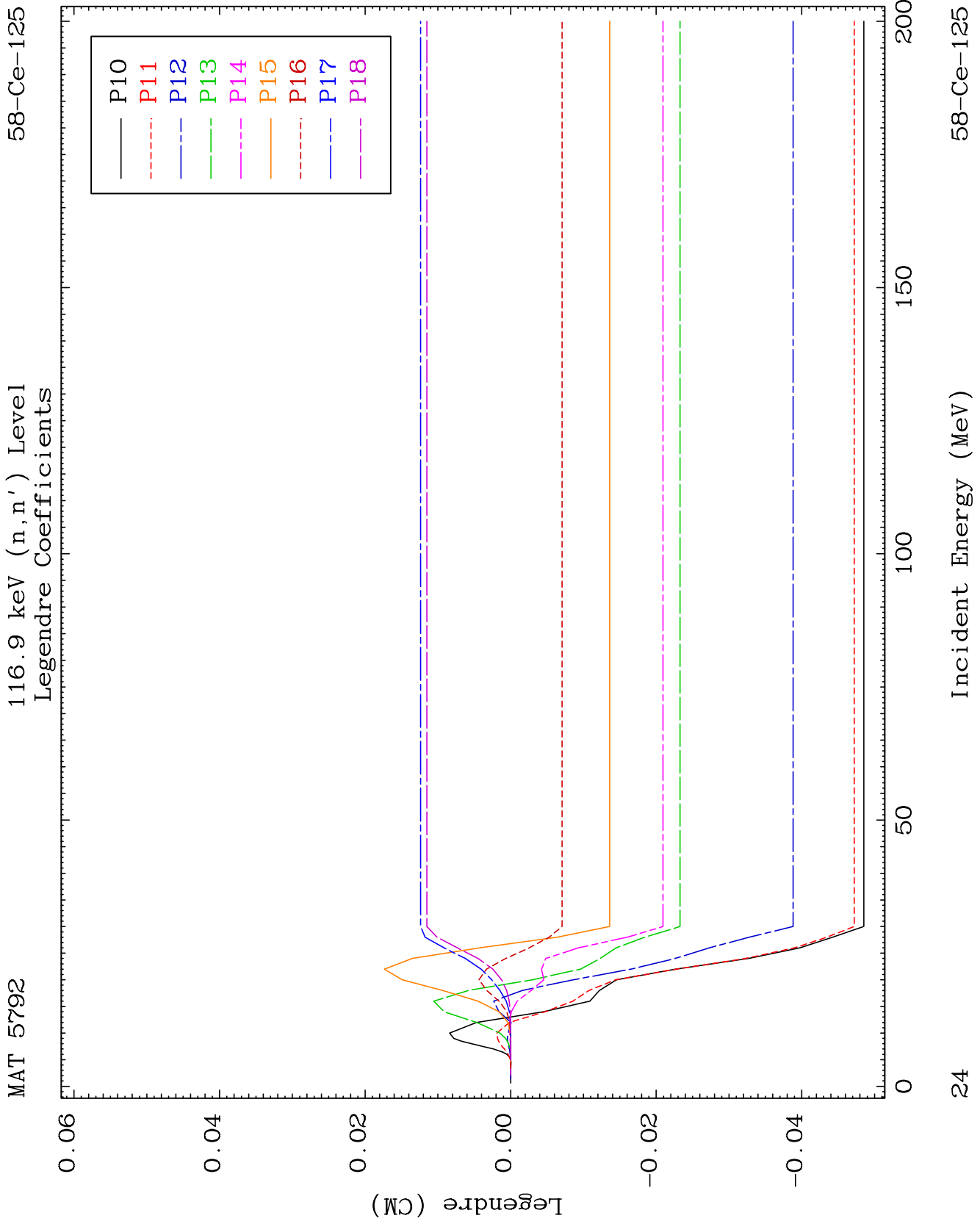
93.60 keV (n,n') Level
Legendre Coefficients

58-Ce-125



22

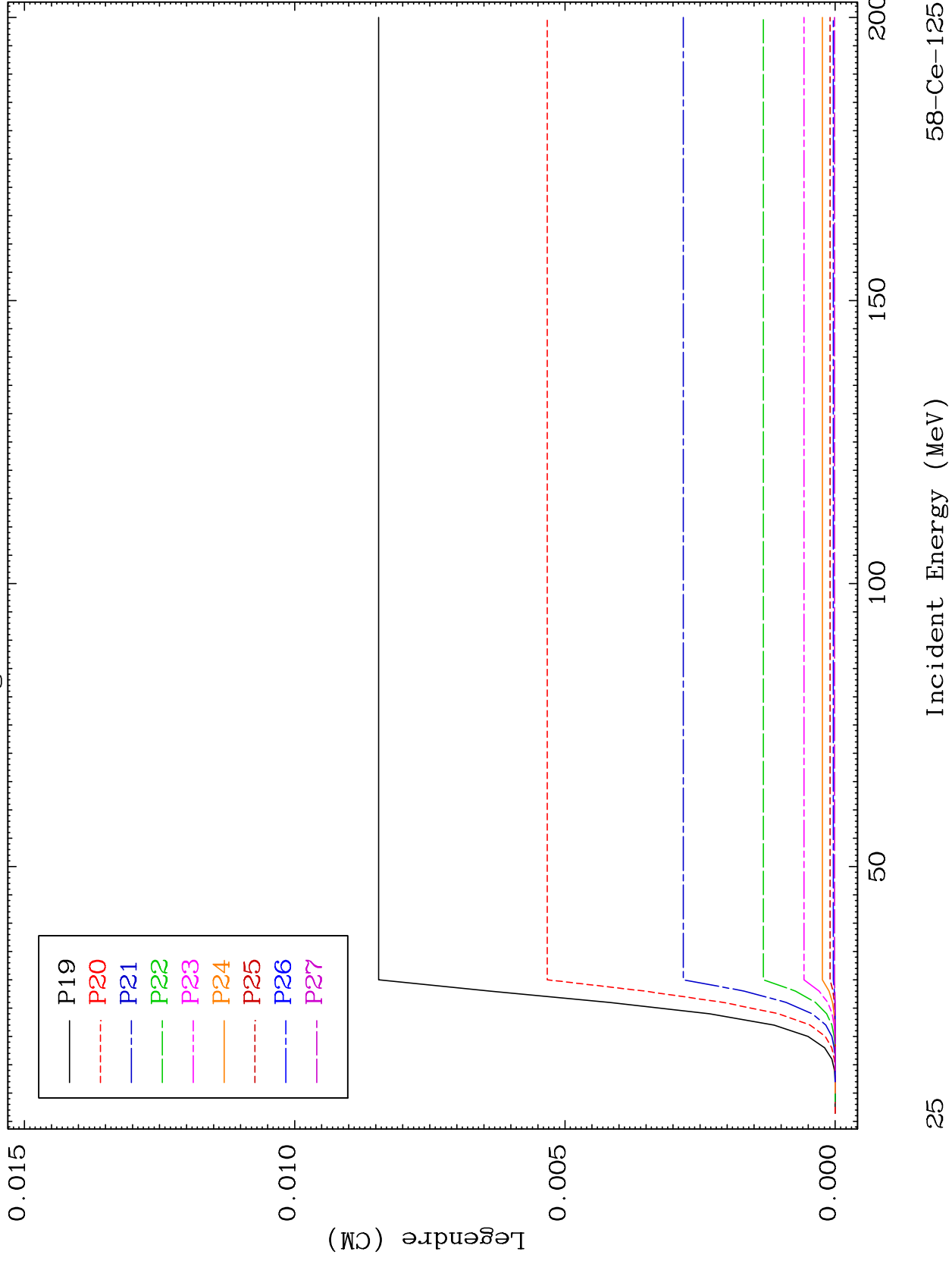




MAT 5792

116.9 keV (n,n') Level
Legendre Coefficients

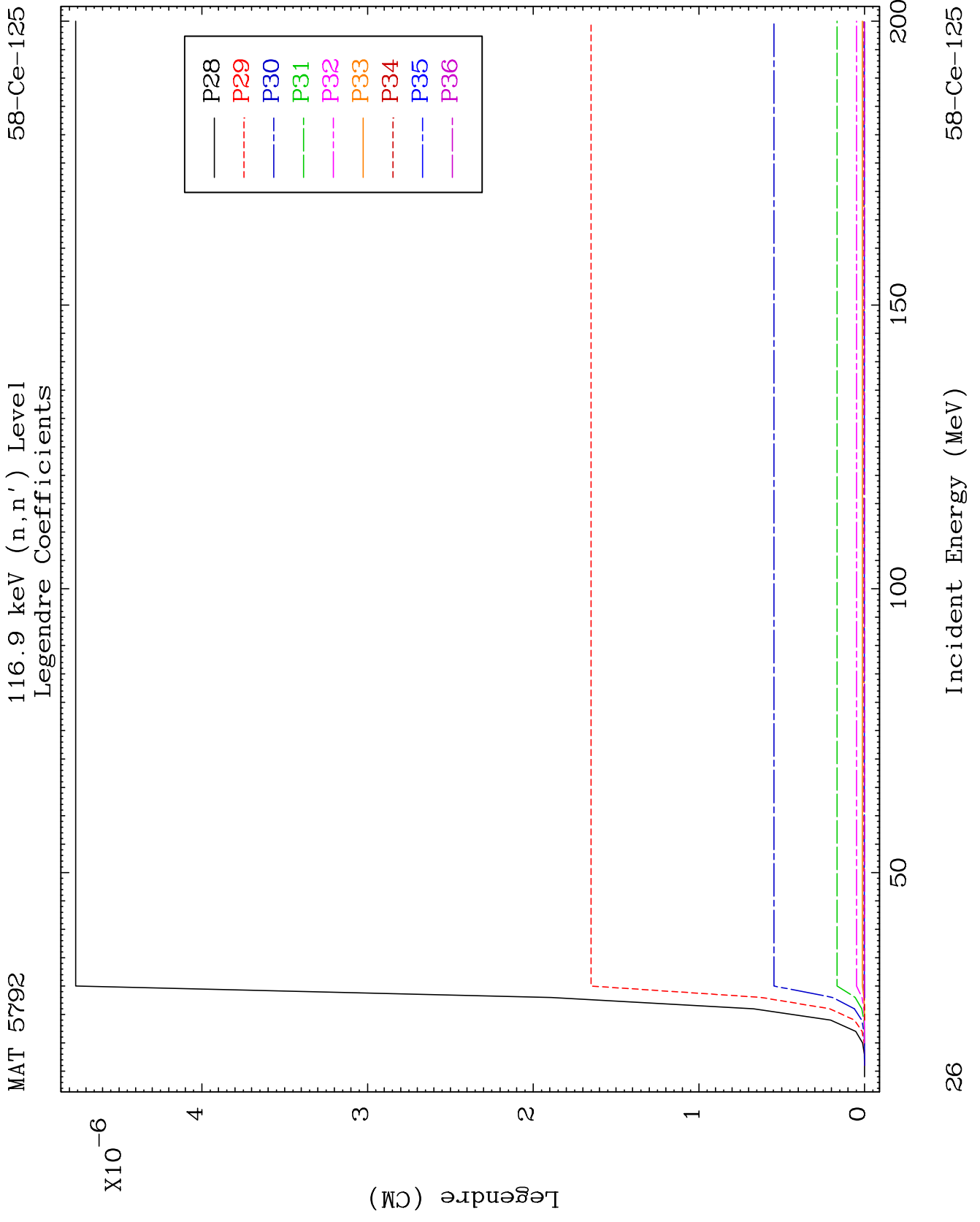
58-Ce-125

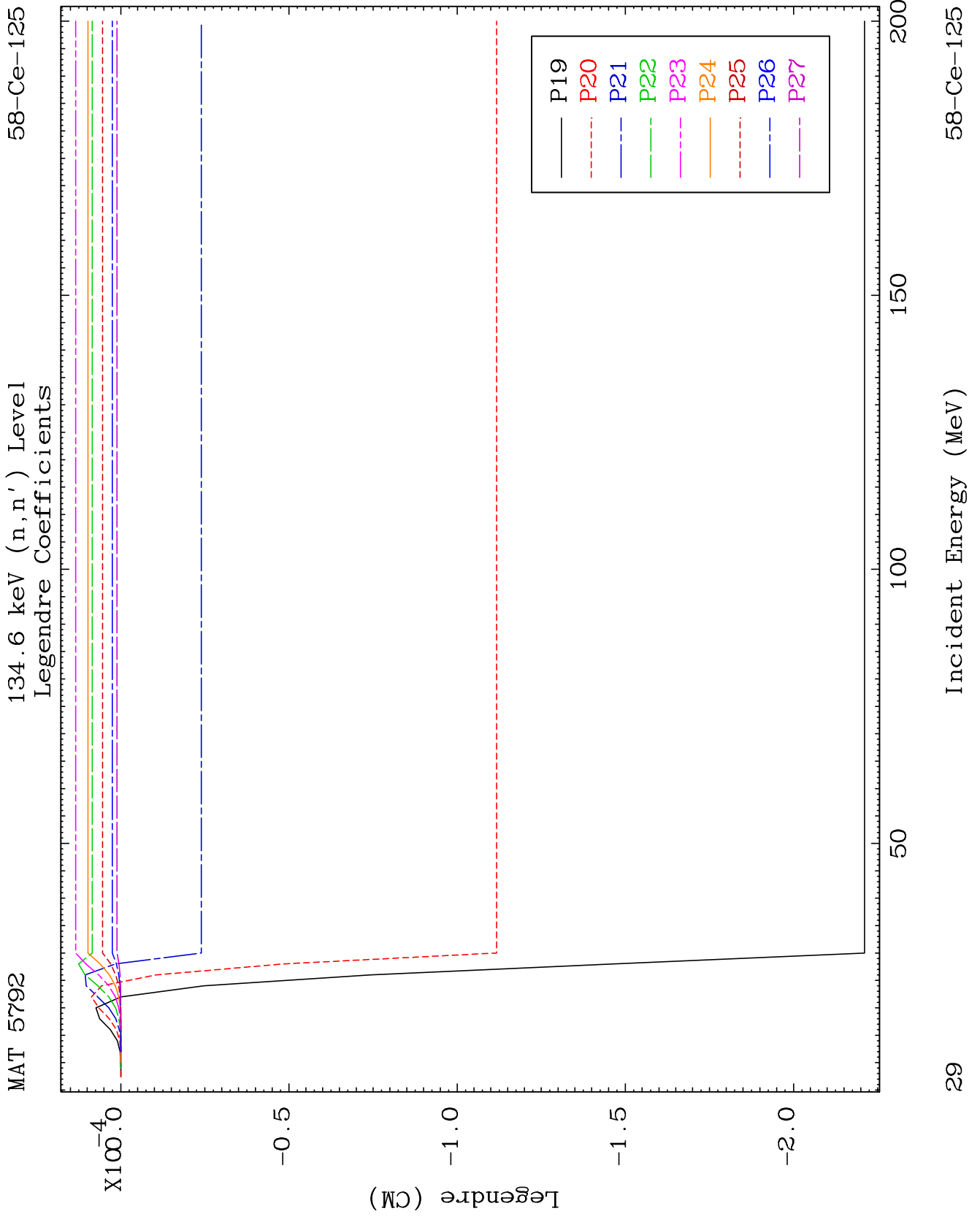


58-Ce-125

Incident Energy (MeV)

25

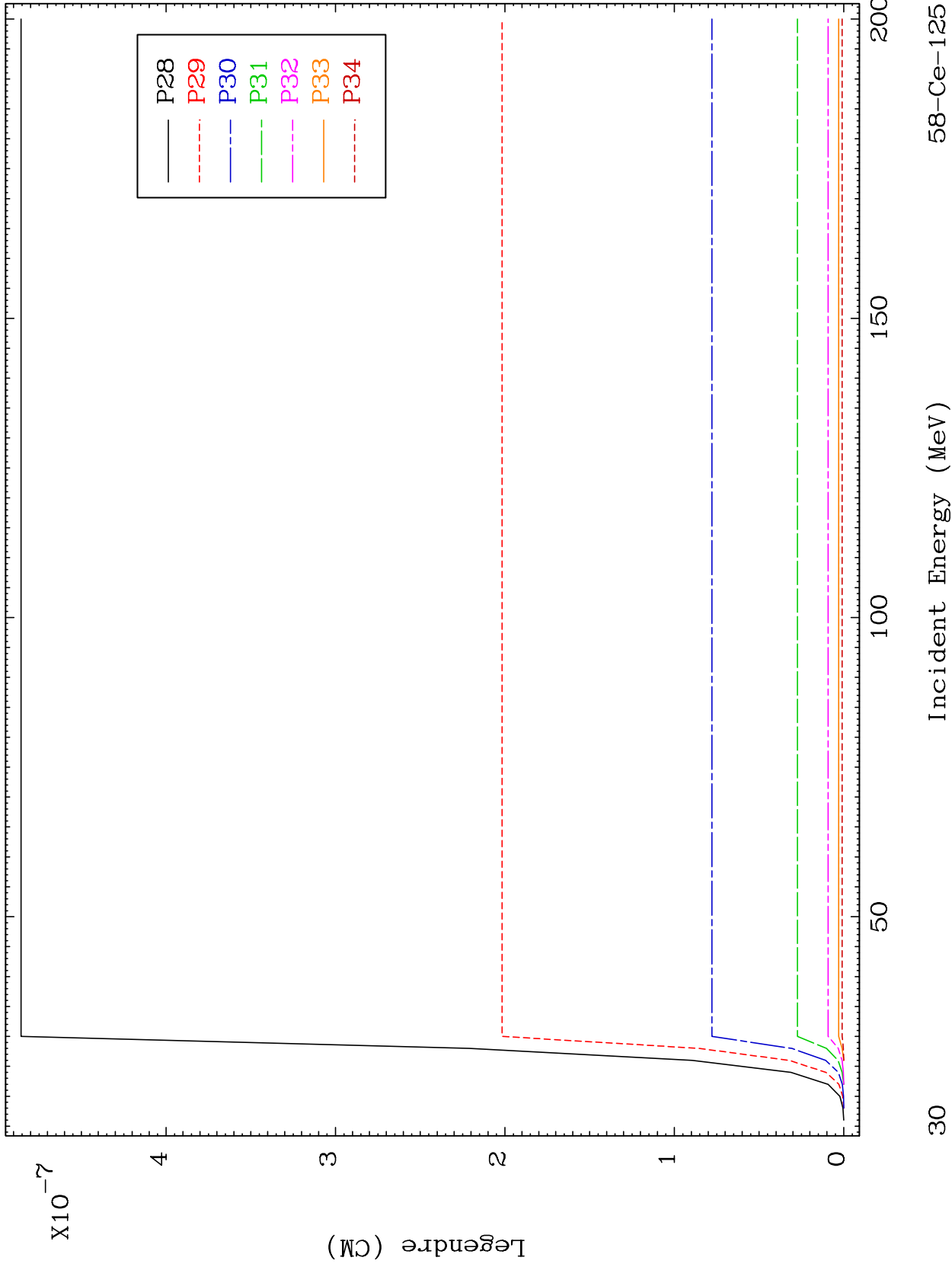




MAT 5792

134.6 keV (n,n') Level
Legendre Coefficients

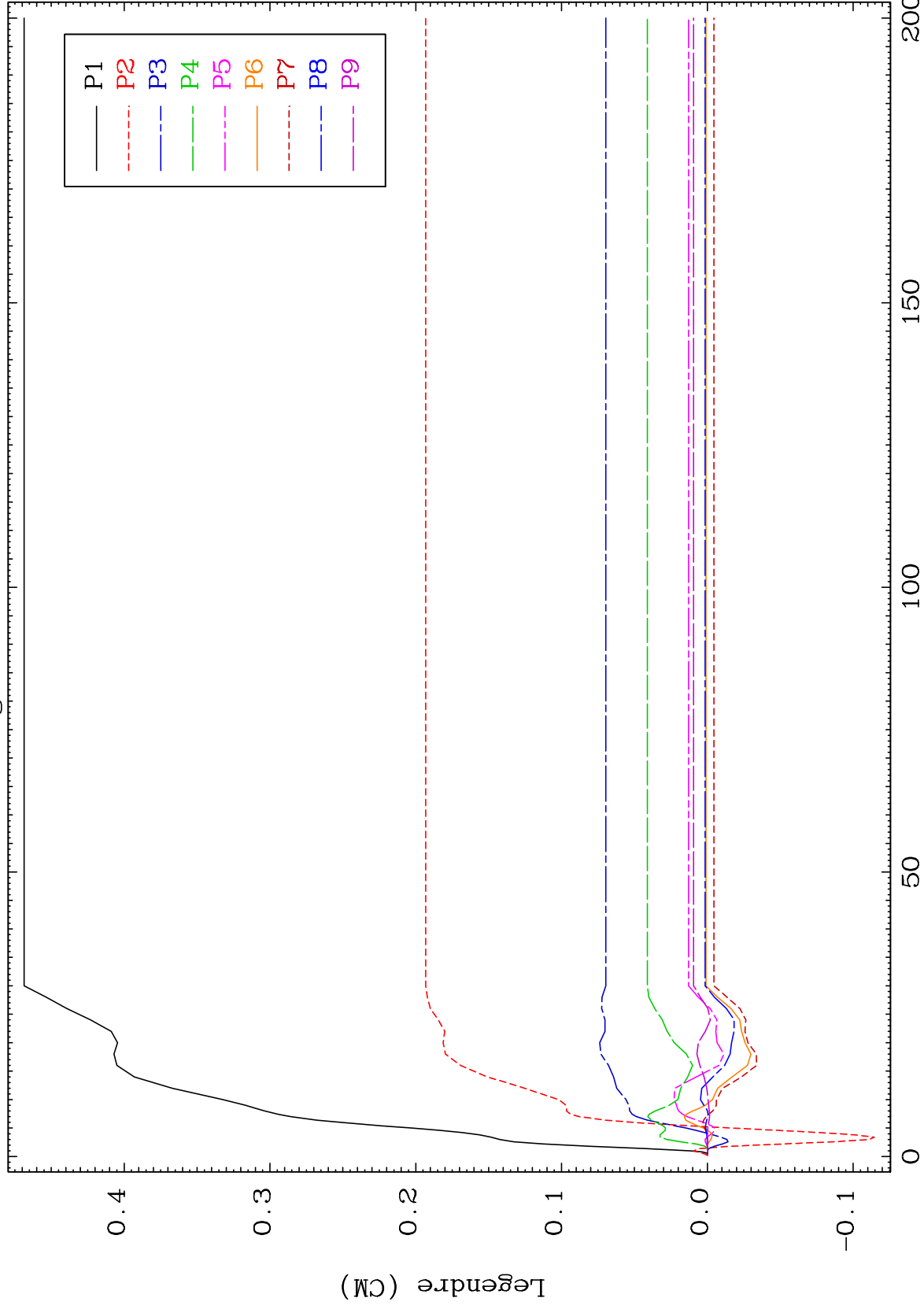
58-Ce-125



MAT 5792

135.8 keV (n,n') Level
Legendre Coefficients

58-Ce-125



31

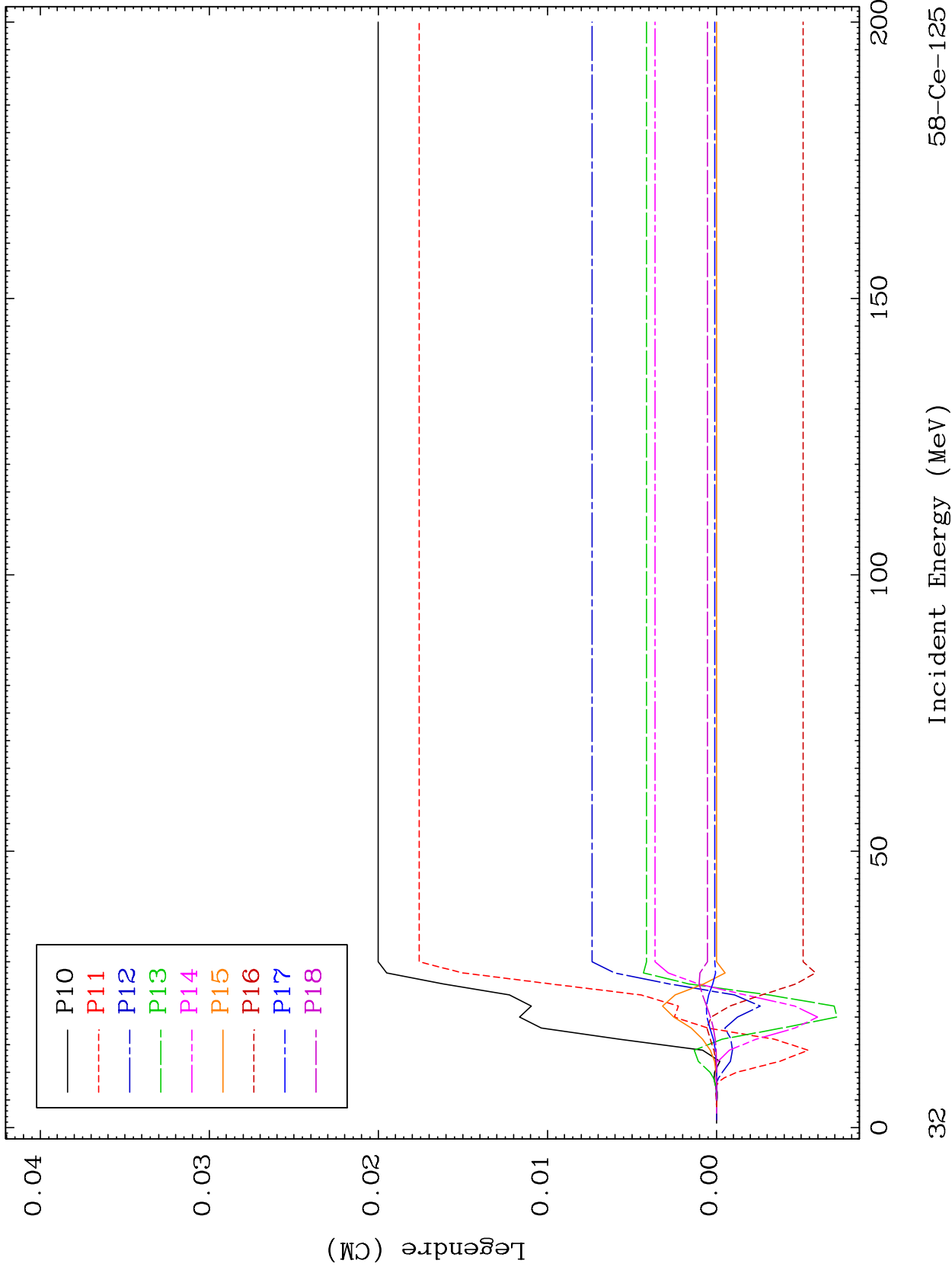
Incident Energy (MeV)

58-Ce-125

MAT 5792

135.8 keV (n,n') Level
Legendre Coefficients

58-Ce-125



32

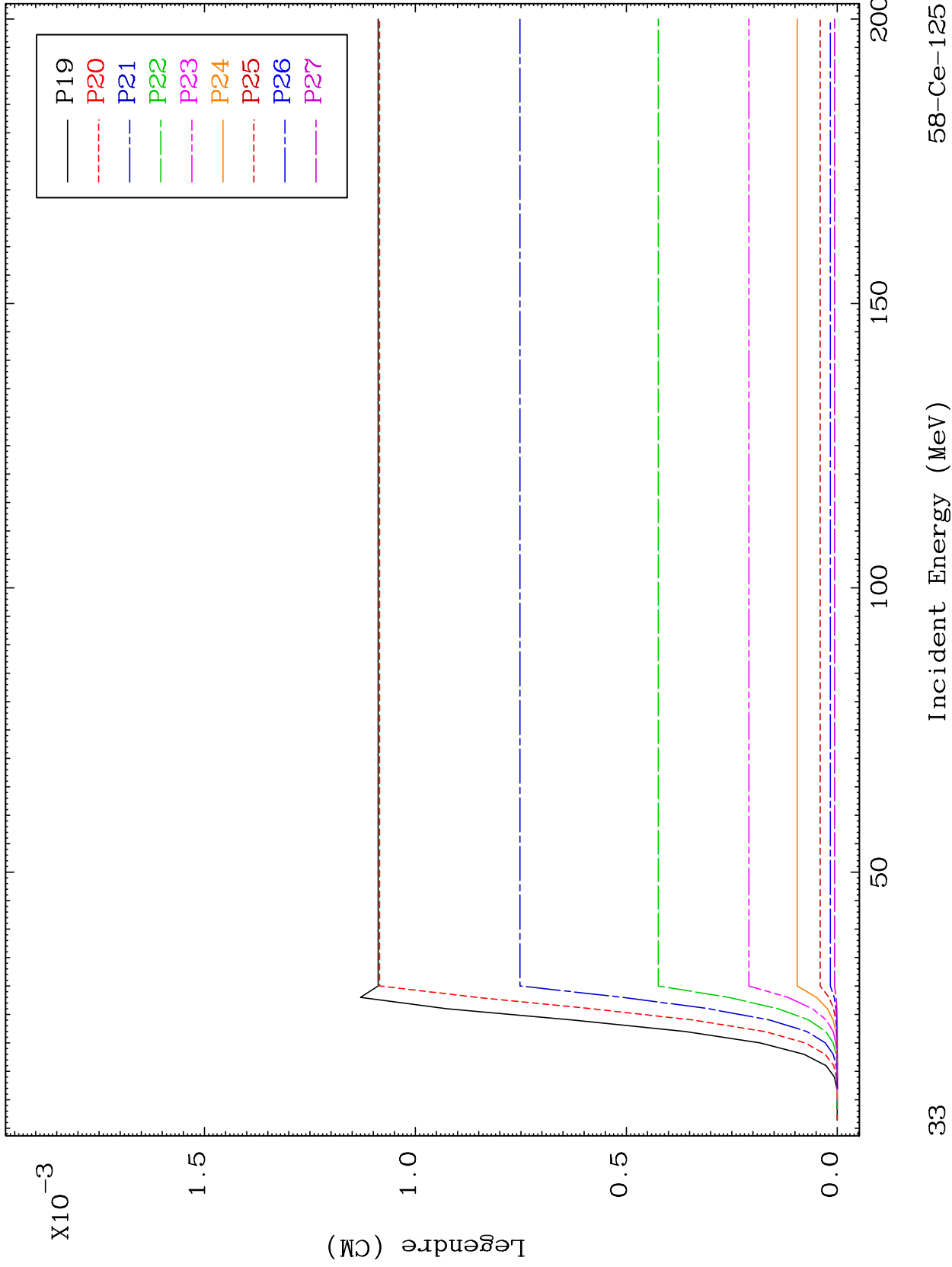
Incident Energy (MeV)

58-Ce-125

MAT 5792

135.8 keV (n,n') Level
Legendre Coefficients

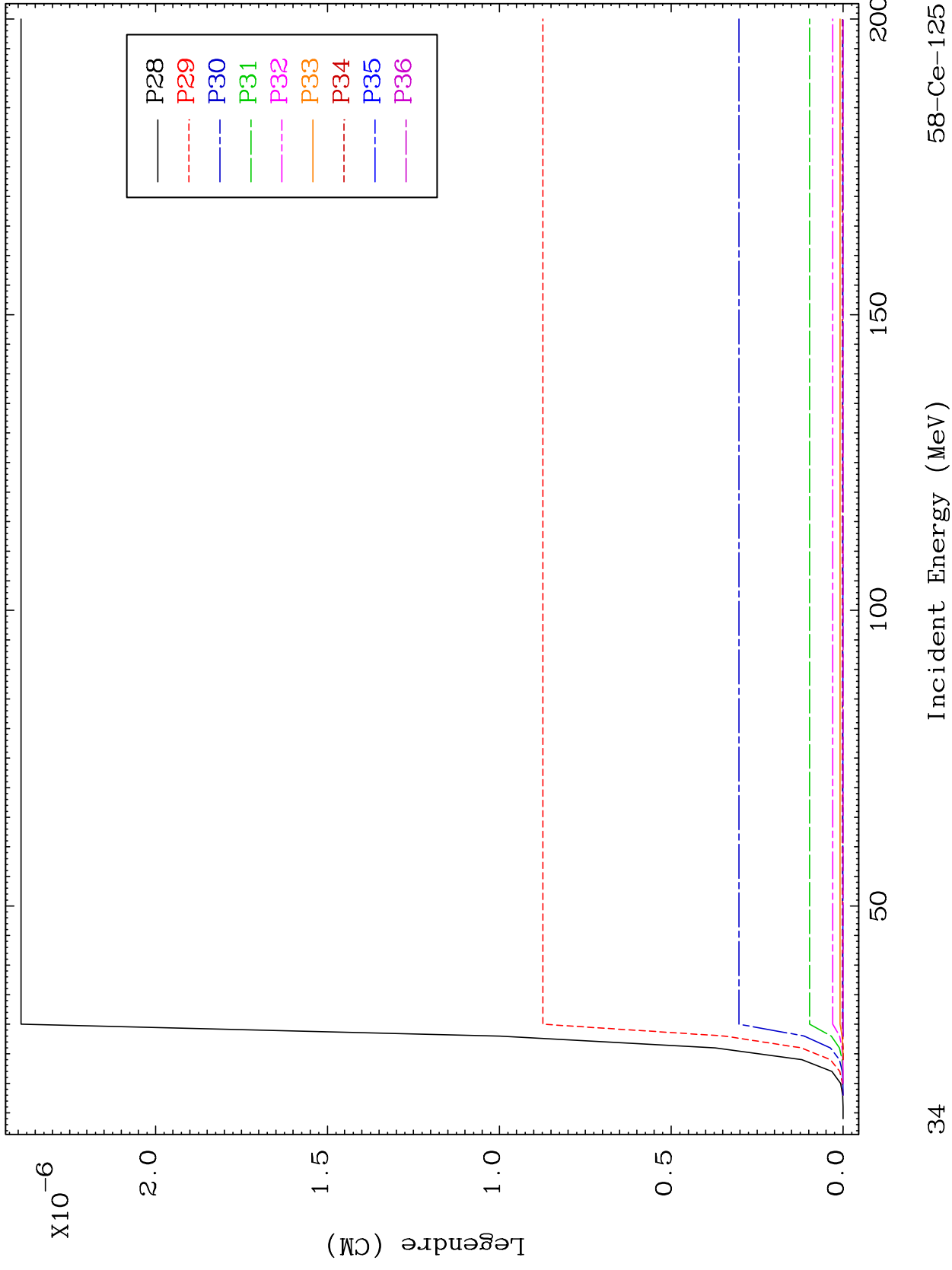
58-Ce-125



MAT 5792

135.8 keV (n, n') Level
Legendre Coefficients

58-Ce-125



34

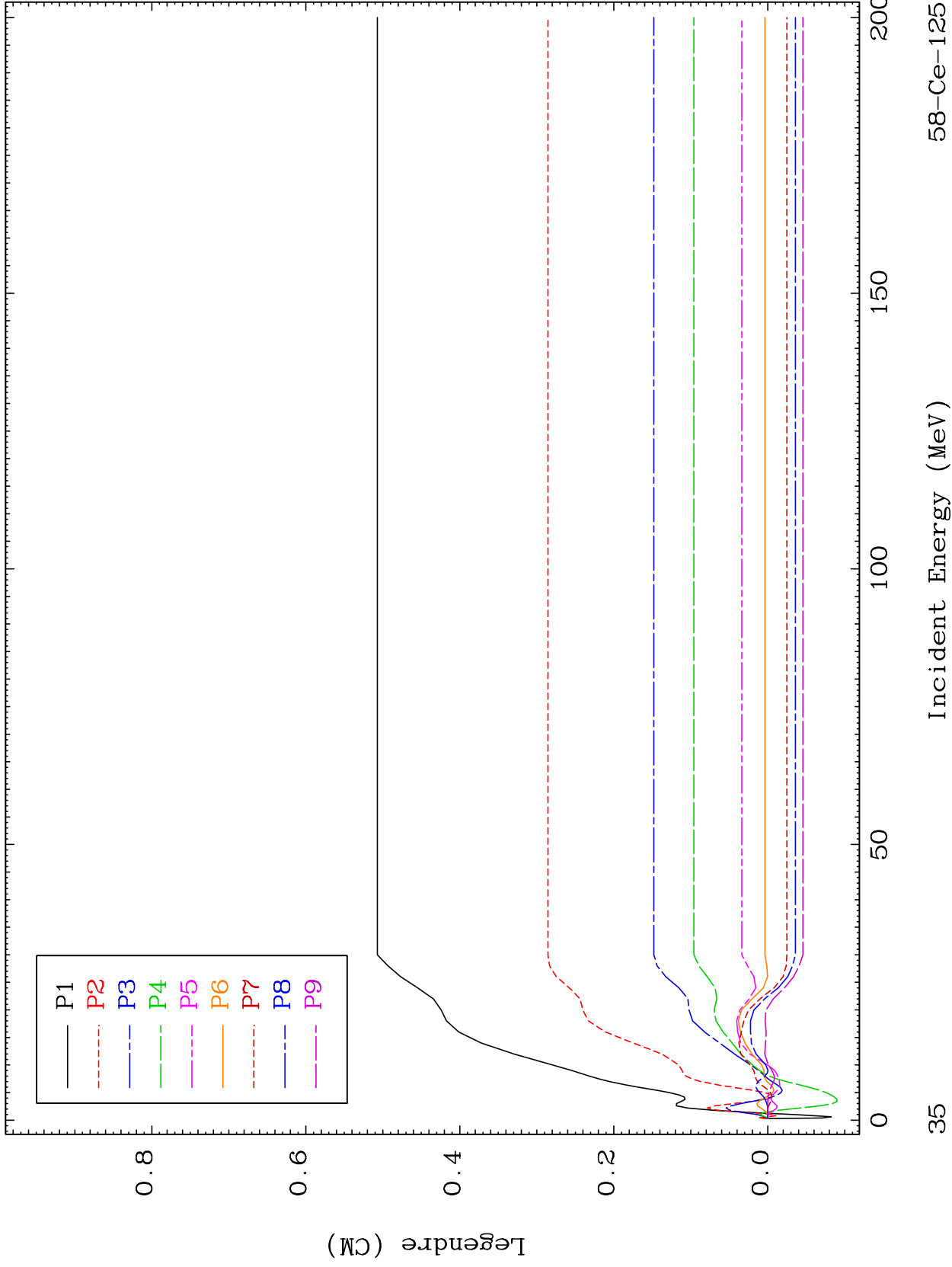
Incident Energy (MeV)

58-Ce-125

MAT 5792

267.0 keV (n,n') Level
Legendre Coefficients

58-Ce-125



58-Ce-125

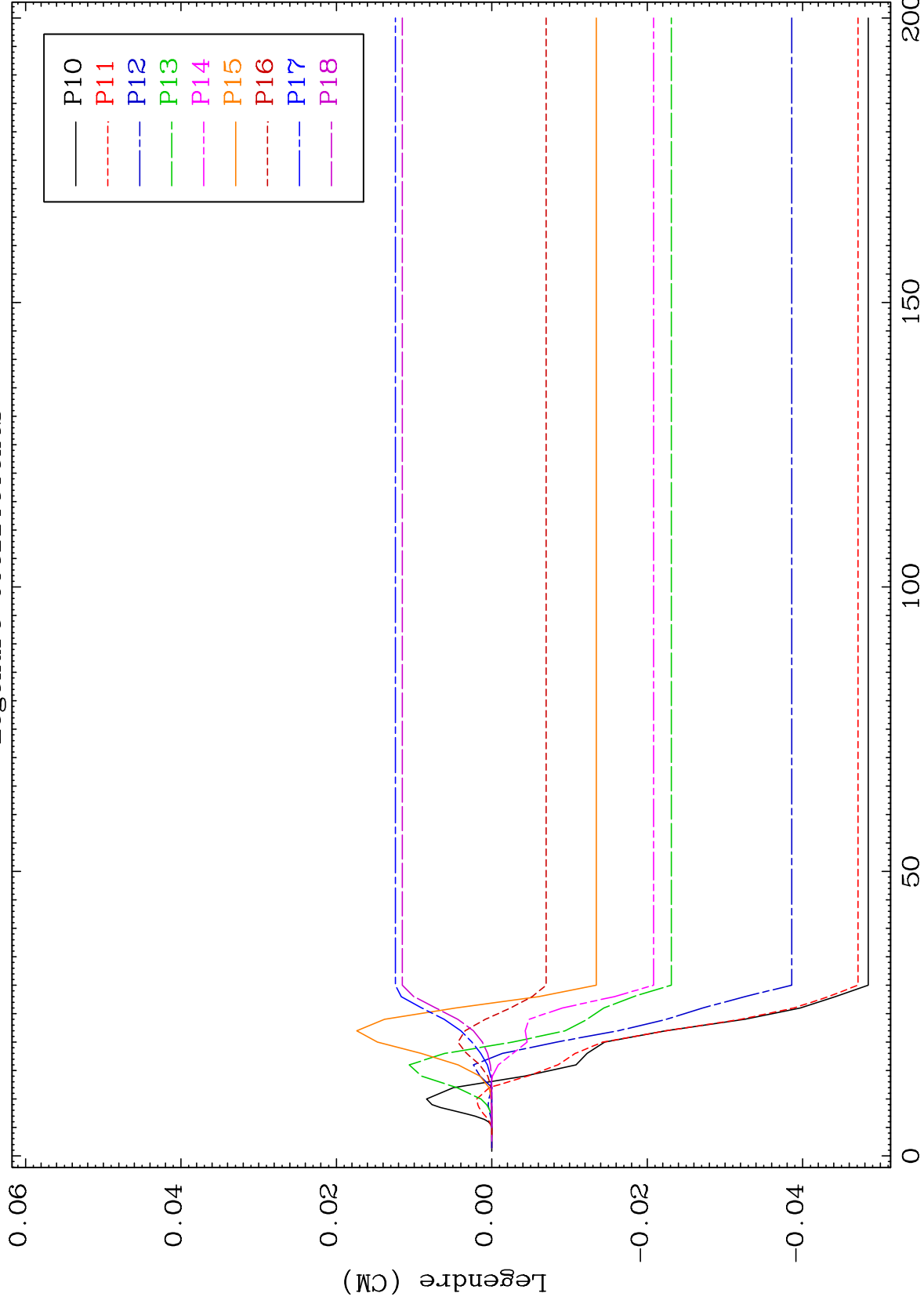
Incident Energy (MeV)

35

MAT 5792

267.0 keV (n,n') Level
Legendre Coefficients

58-Ce-125



36

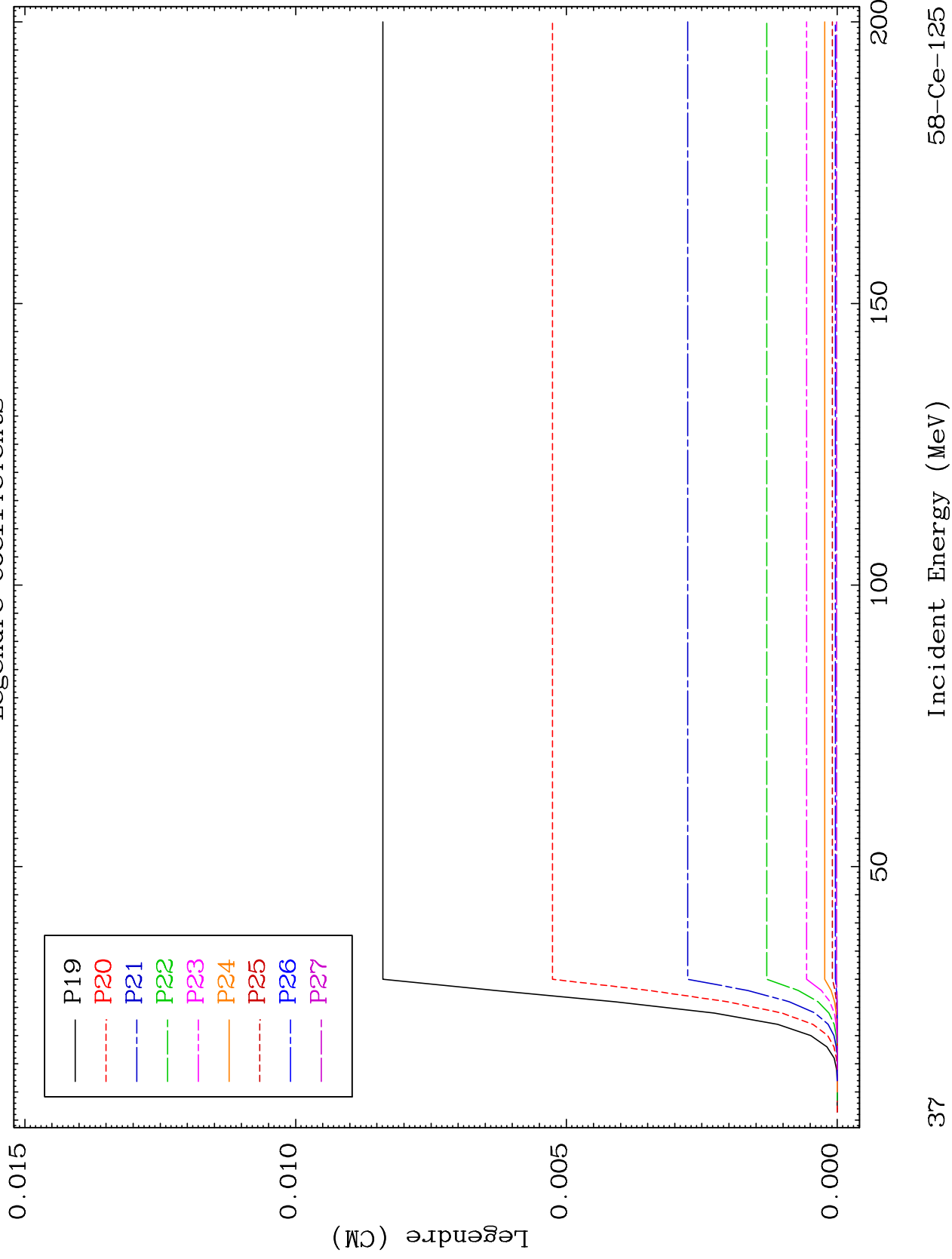
Incident Energy (MeV)

58-Ce-125

MAT 5792

267.0 keV (n,n') Level
Legendre Coefficients

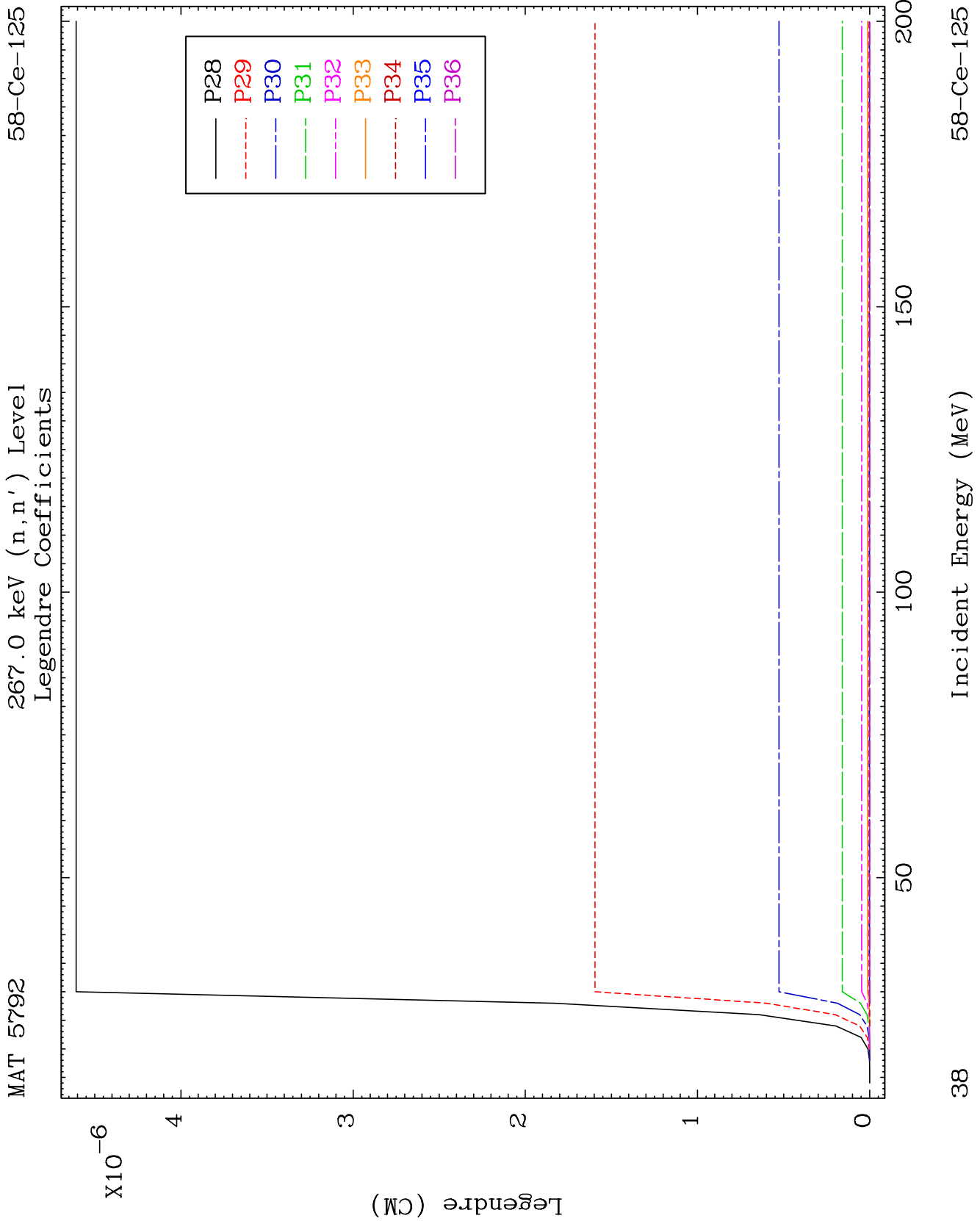
58-Ce-125



37

Incident Energy (MeV)

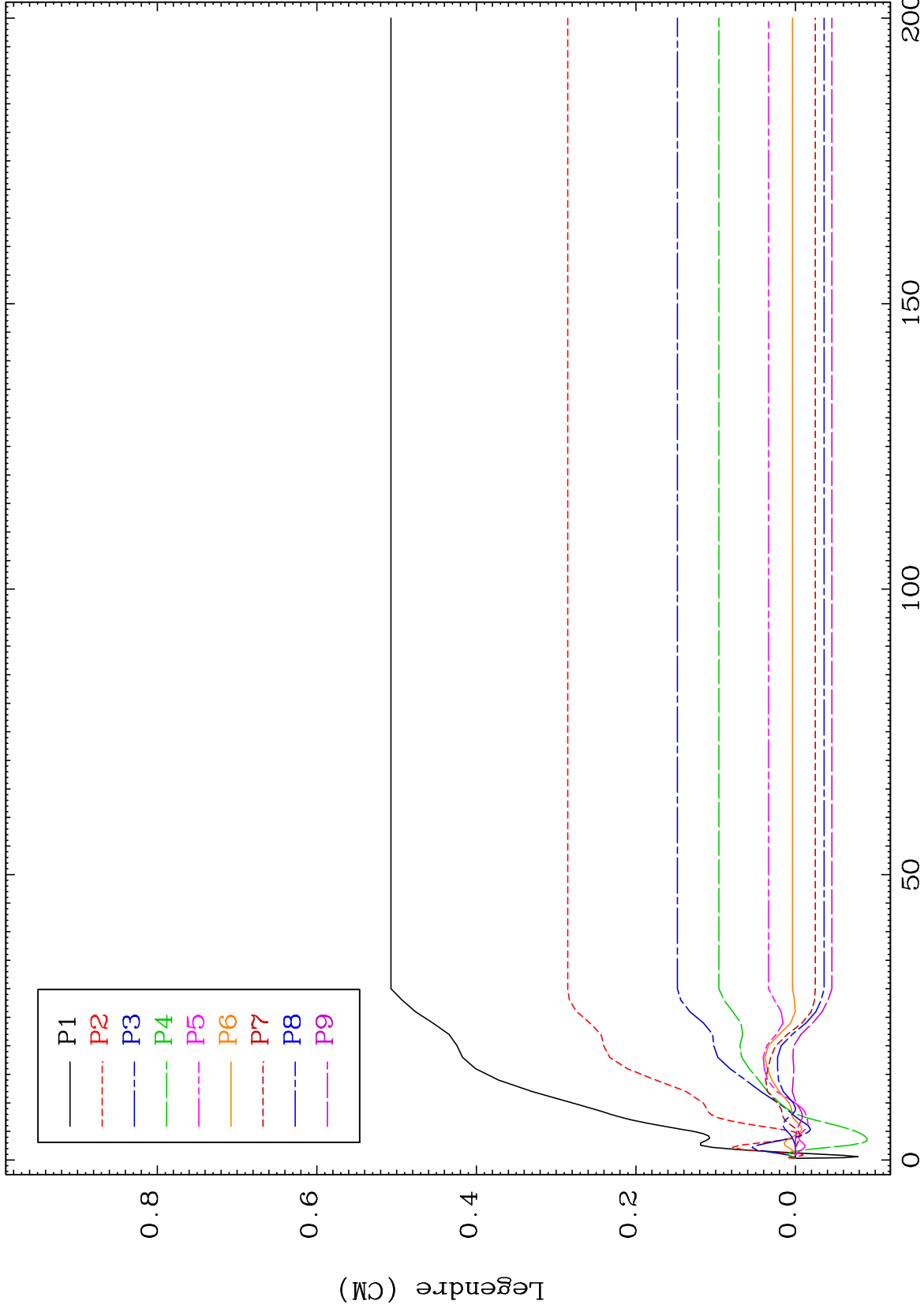
58-Ce-125



MAT 5792

282.7 keV (n,n') Level
Legendre Coefficients

58-Ce-125



39

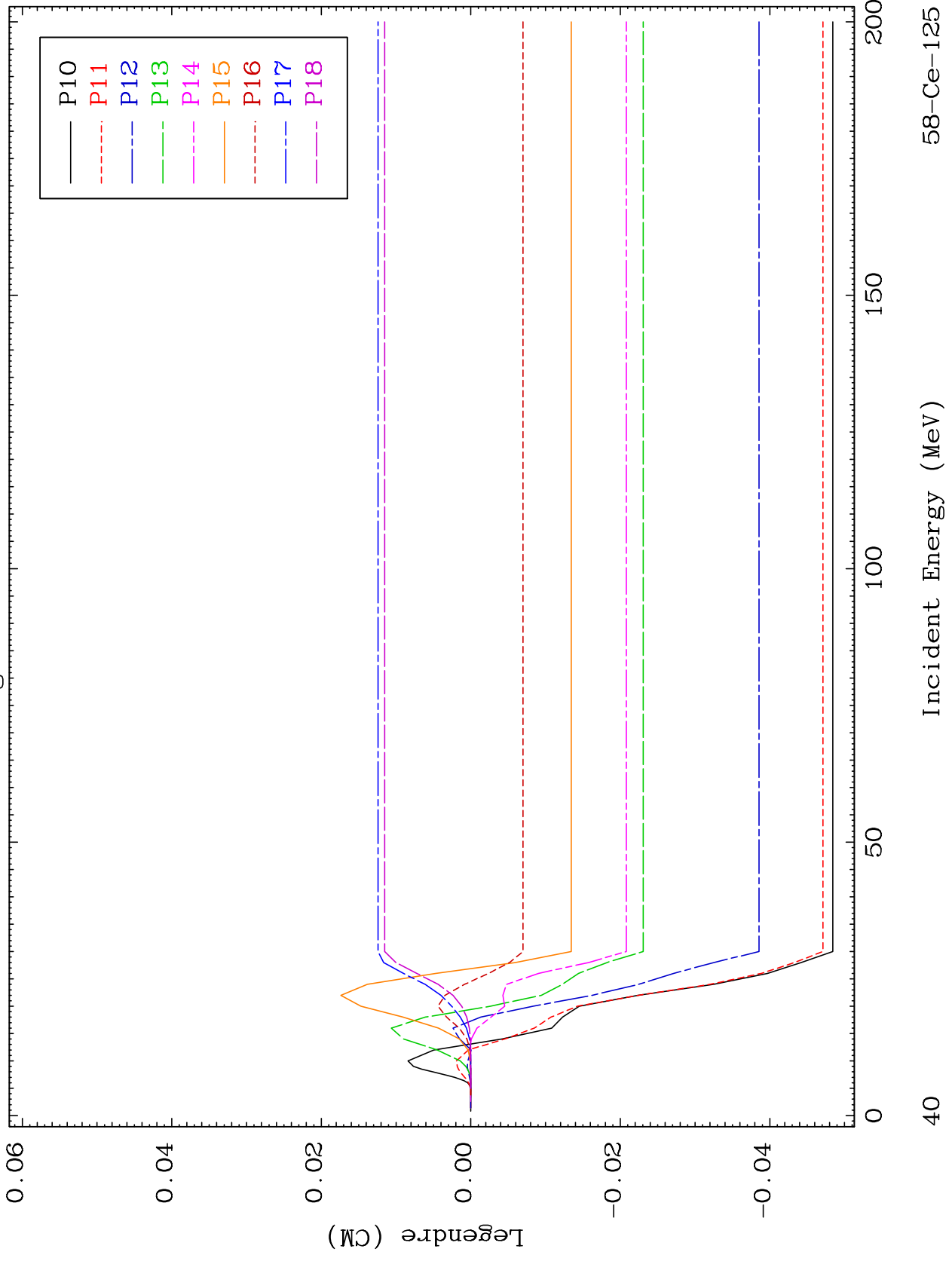
Incident Energy (MeV)

58-Ce-125

MAT 5792

282.7 keV (n,n') Level
Legendre Coefficients

58-Ce-125



58-Ce-125

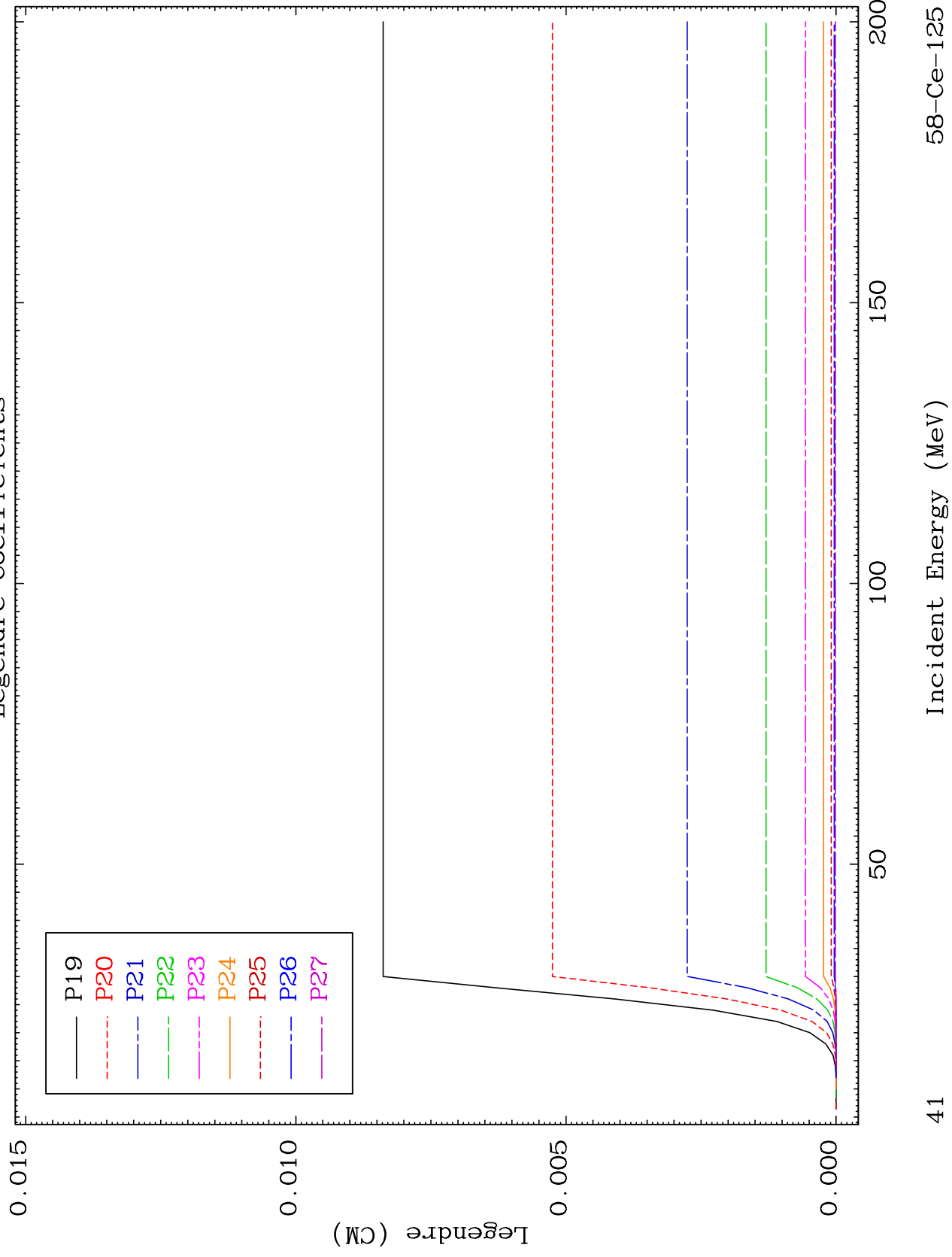
Incident Energy (MeV)

40

MAT 5792

282.7 keV (n,n') Level
Legendre Coefficients

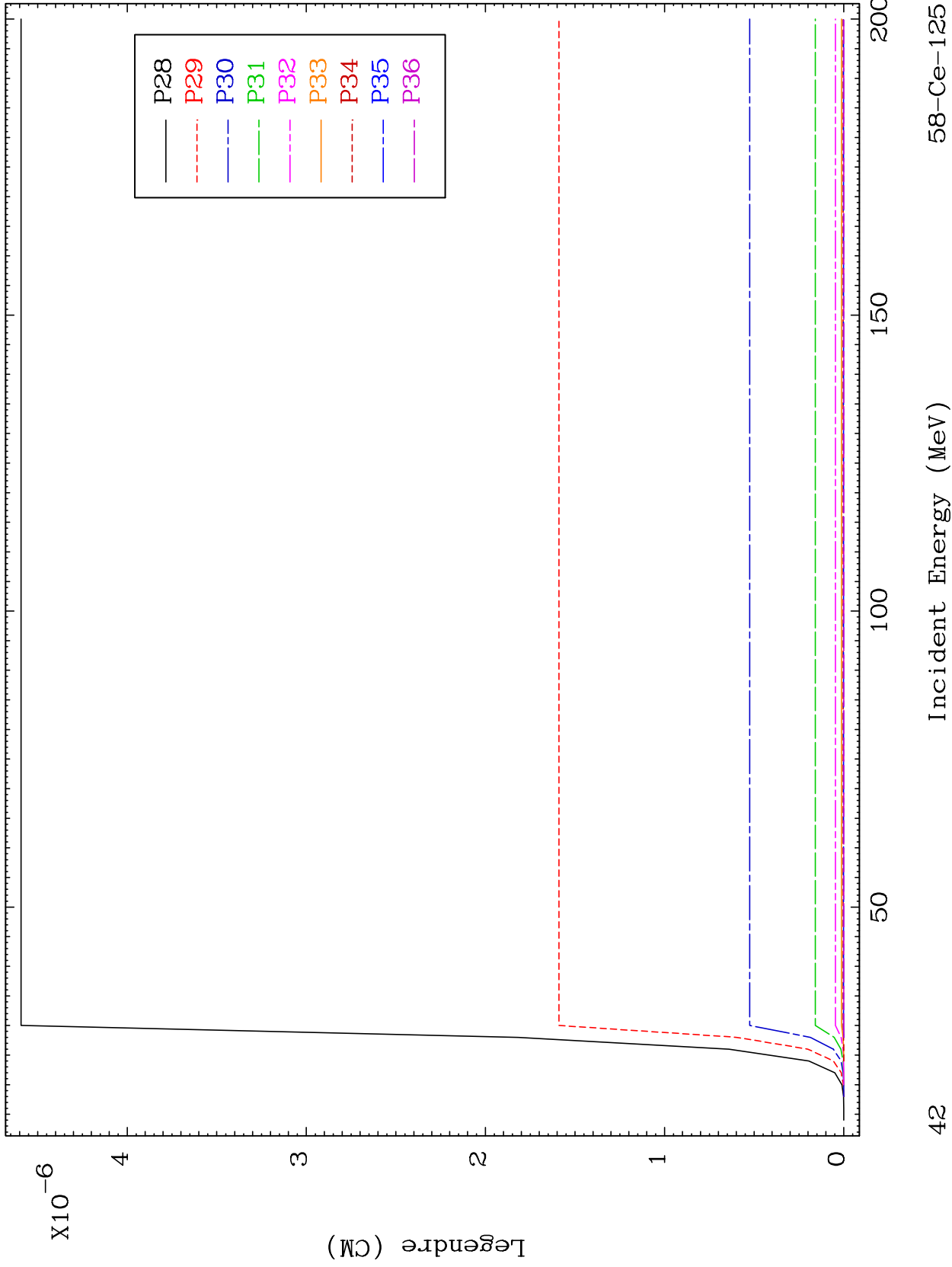
58-Ce-125



MAT 5792

282.7 keV (n,n') Level
Legendre Coefficients

58-Ce-125



42

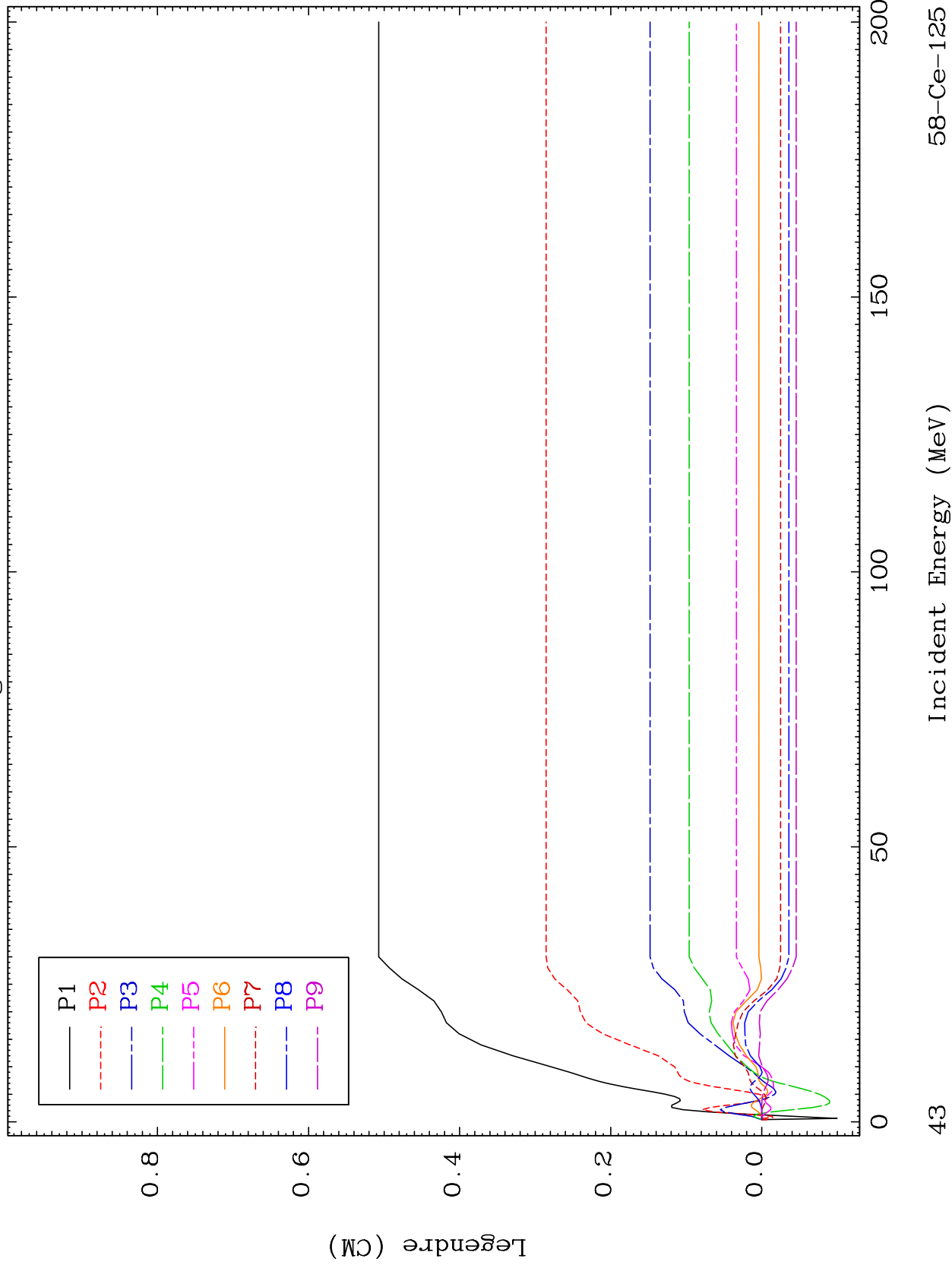
Incident Energy (MeV)

58-Ce-125

MAT 5792

301.3 keV (n,n') Level
Legendre Coefficients

58-Ce-125



43

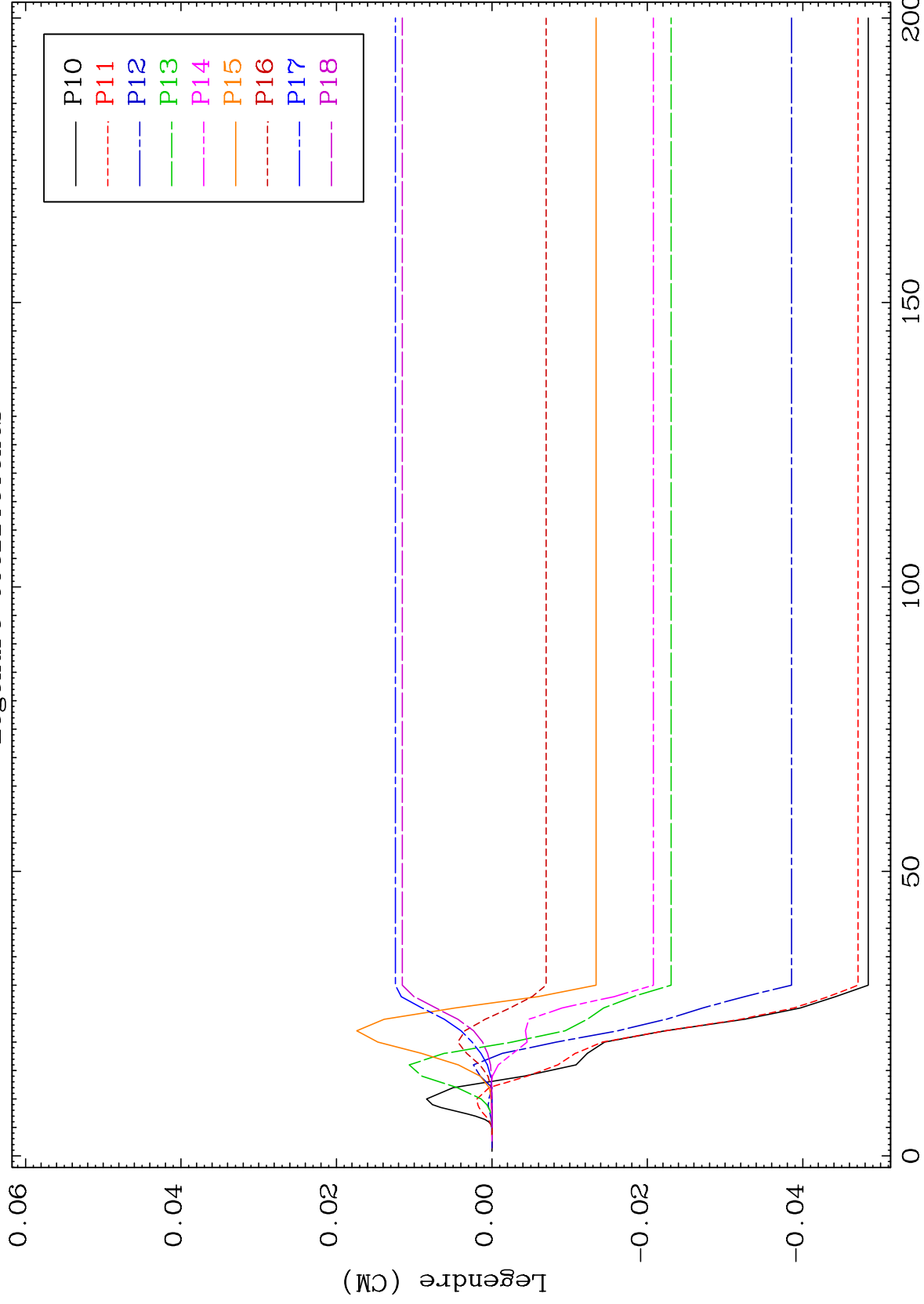
Incident Energy (MeV)

58-Ce-125

MAT 5792

301.3 keV (n,n') Level
Legendre Coefficients

58-Ce-125



44

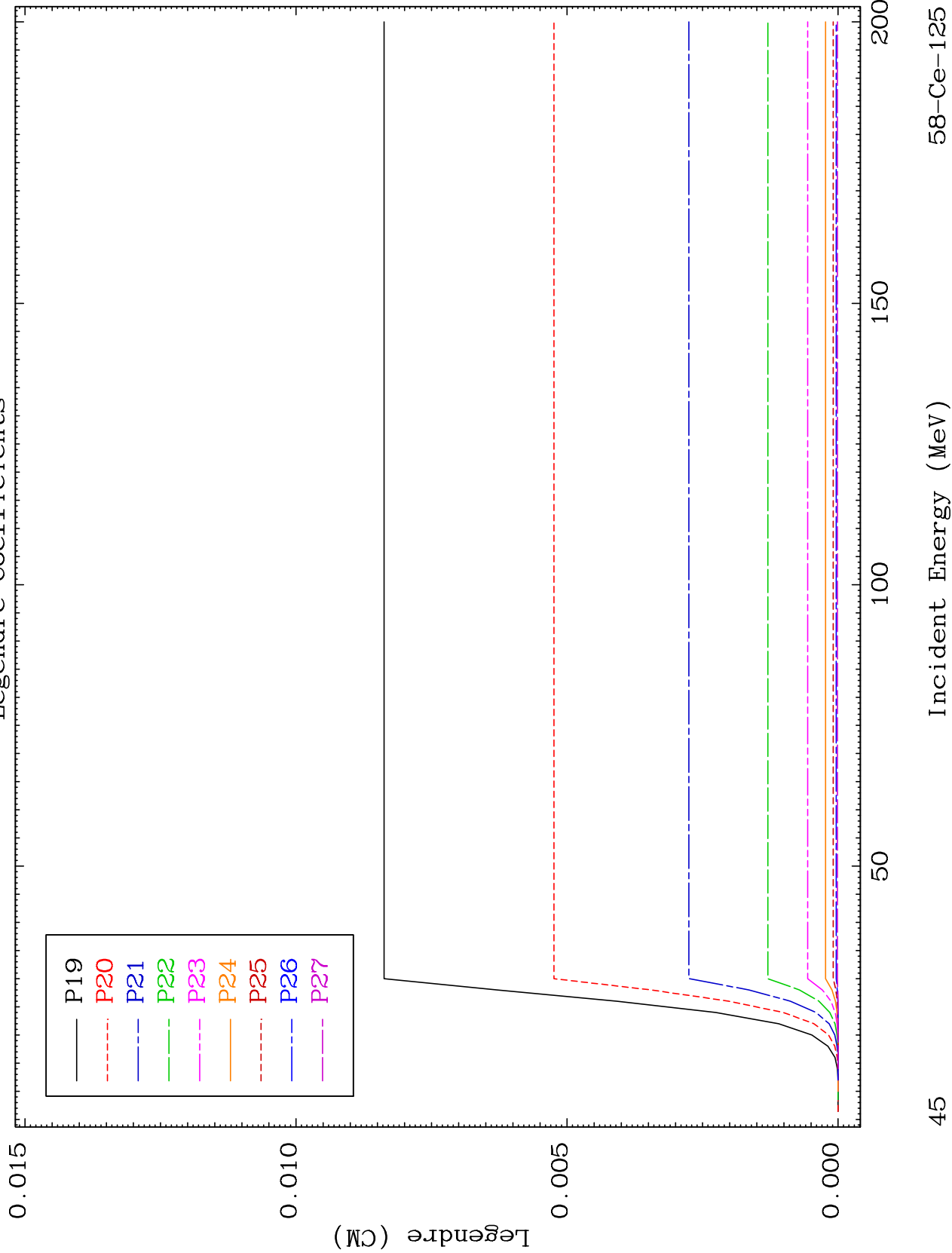
Incident Energy (MeV)

58-Ce-125

MAT 5792

301.3 keV (n,n') Level
Legendre Coefficients

58-Ce-125



45

Incident Energy (MeV)

58-Ce-125

200

150

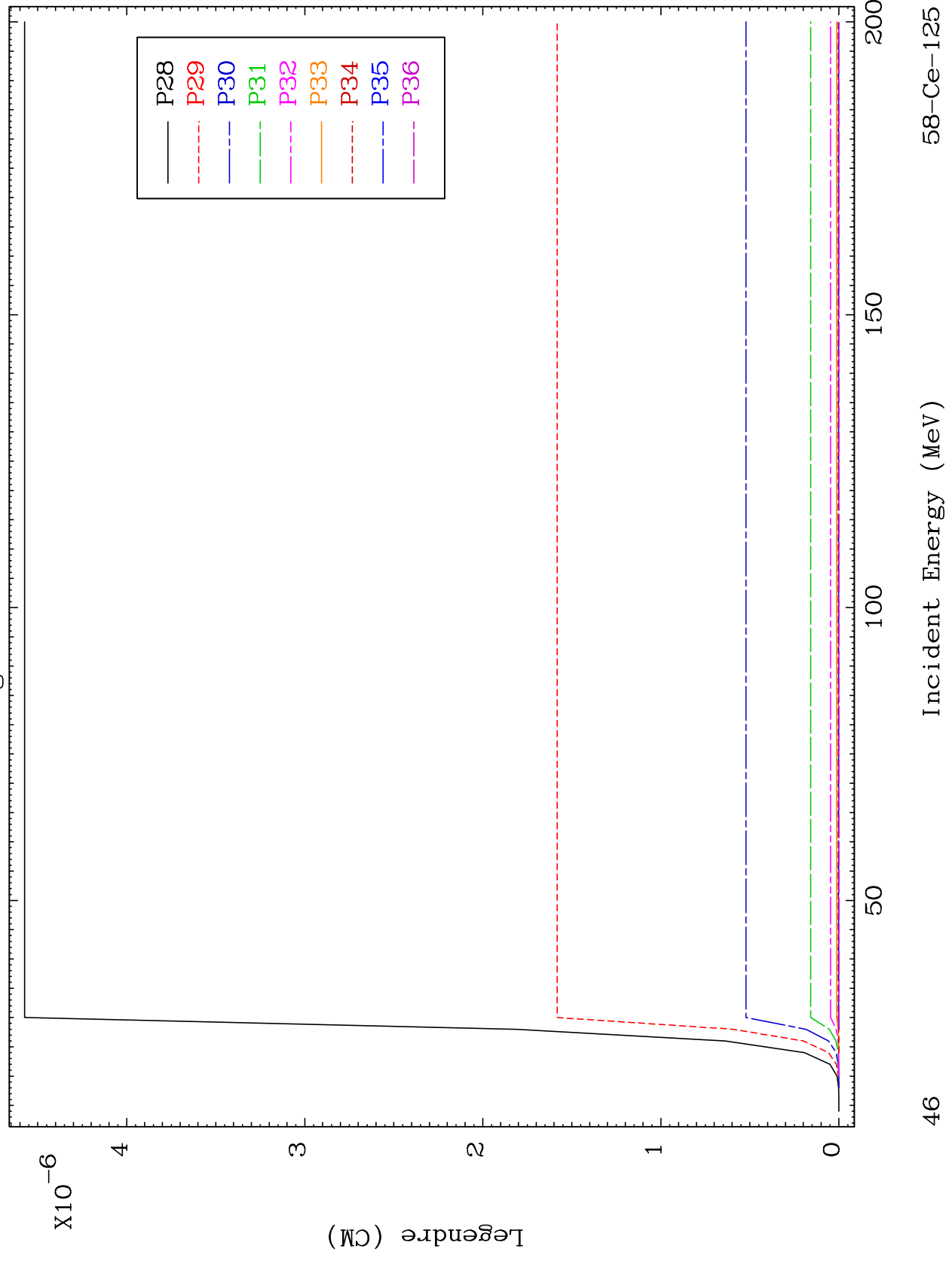
100

50

MAT 5792

301.3 keV (n,n') Level
Legendre Coefficients

58-Ce-125



46

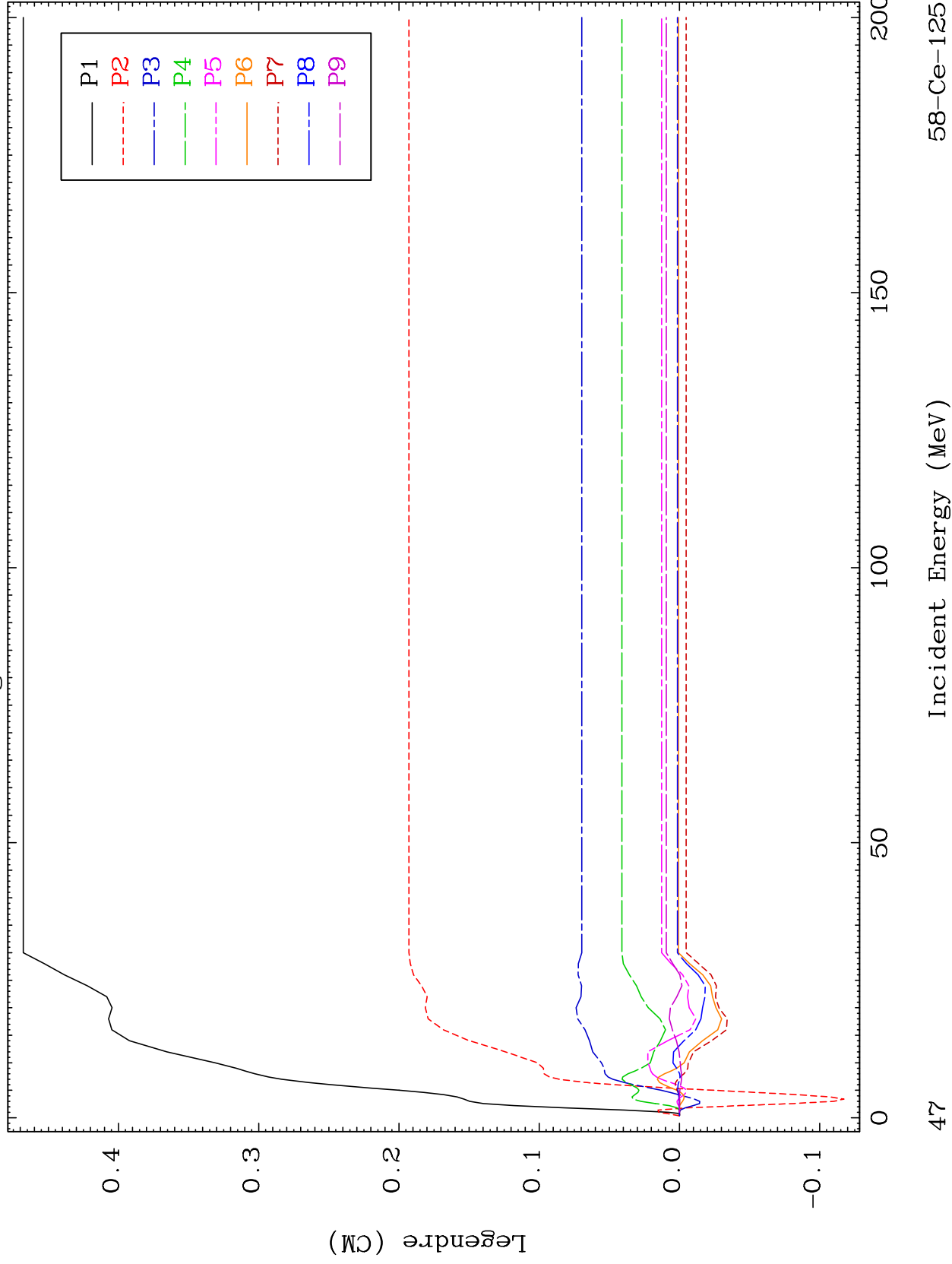
Incident Energy (MeV)

58-Ce-125

MAT 5792

322.8 keV (n,n') Level
Legendre Coefficients

58-Ce-125



58-Ce-125

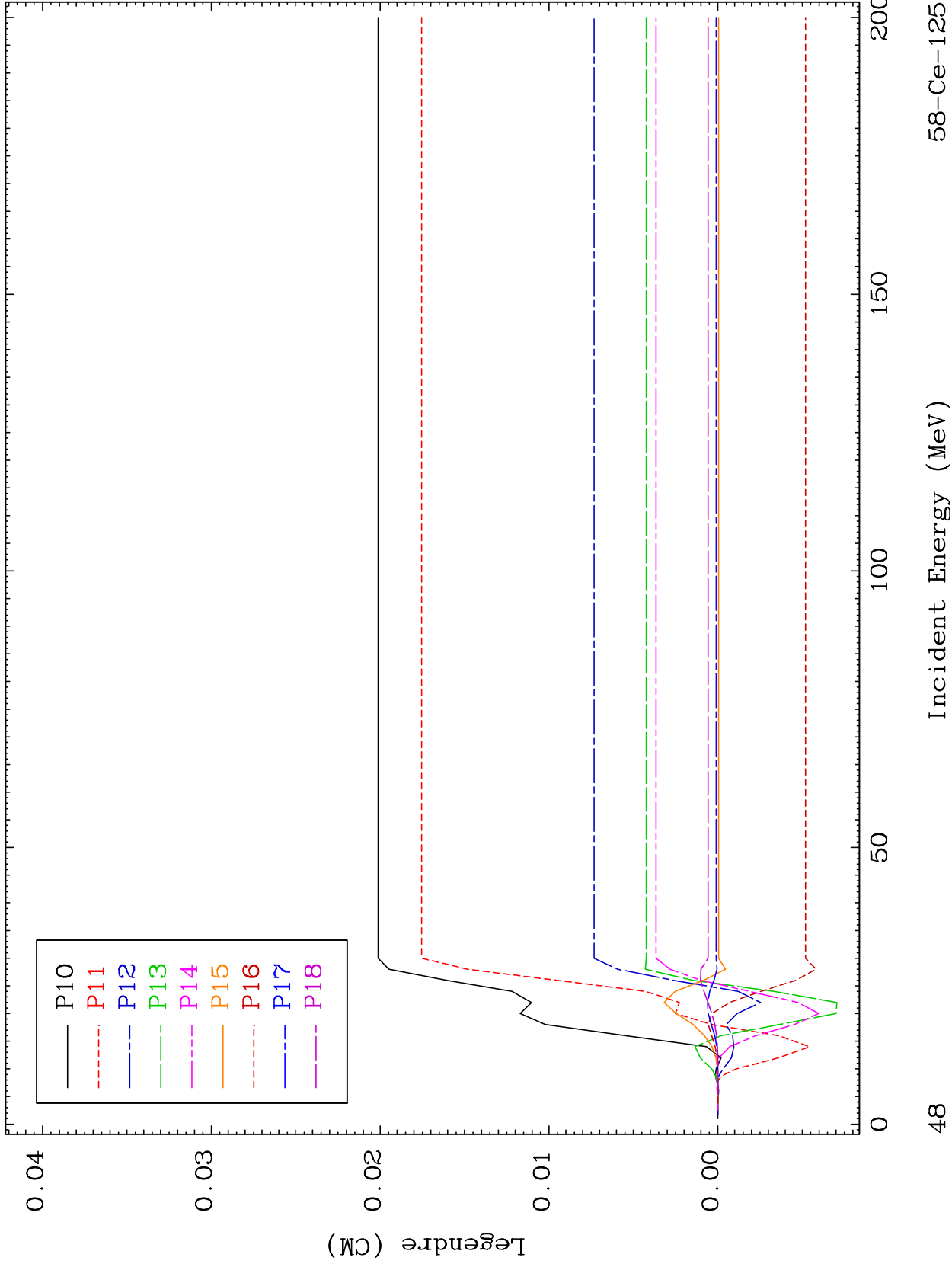
Incident Energy (MeV)

47

MAT 5792

322.8 keV (n,n') Level
Legendre Coefficients

58-Ce-125



58-Ce-125

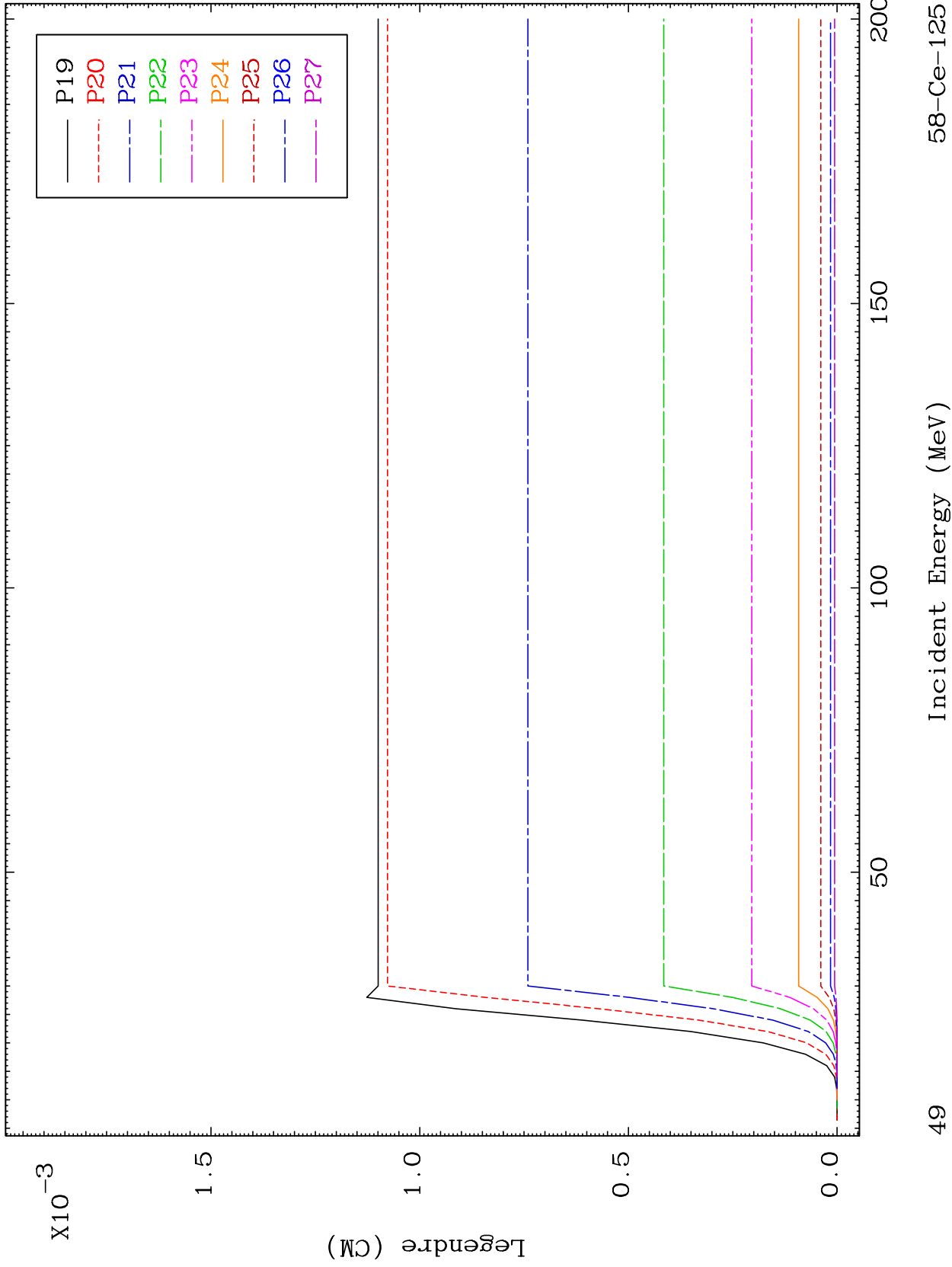
Incident Energy (MeV)

48

MAT 5792

322.8 keV (n,n') Level
Legendre Coefficients

58-Ce-125

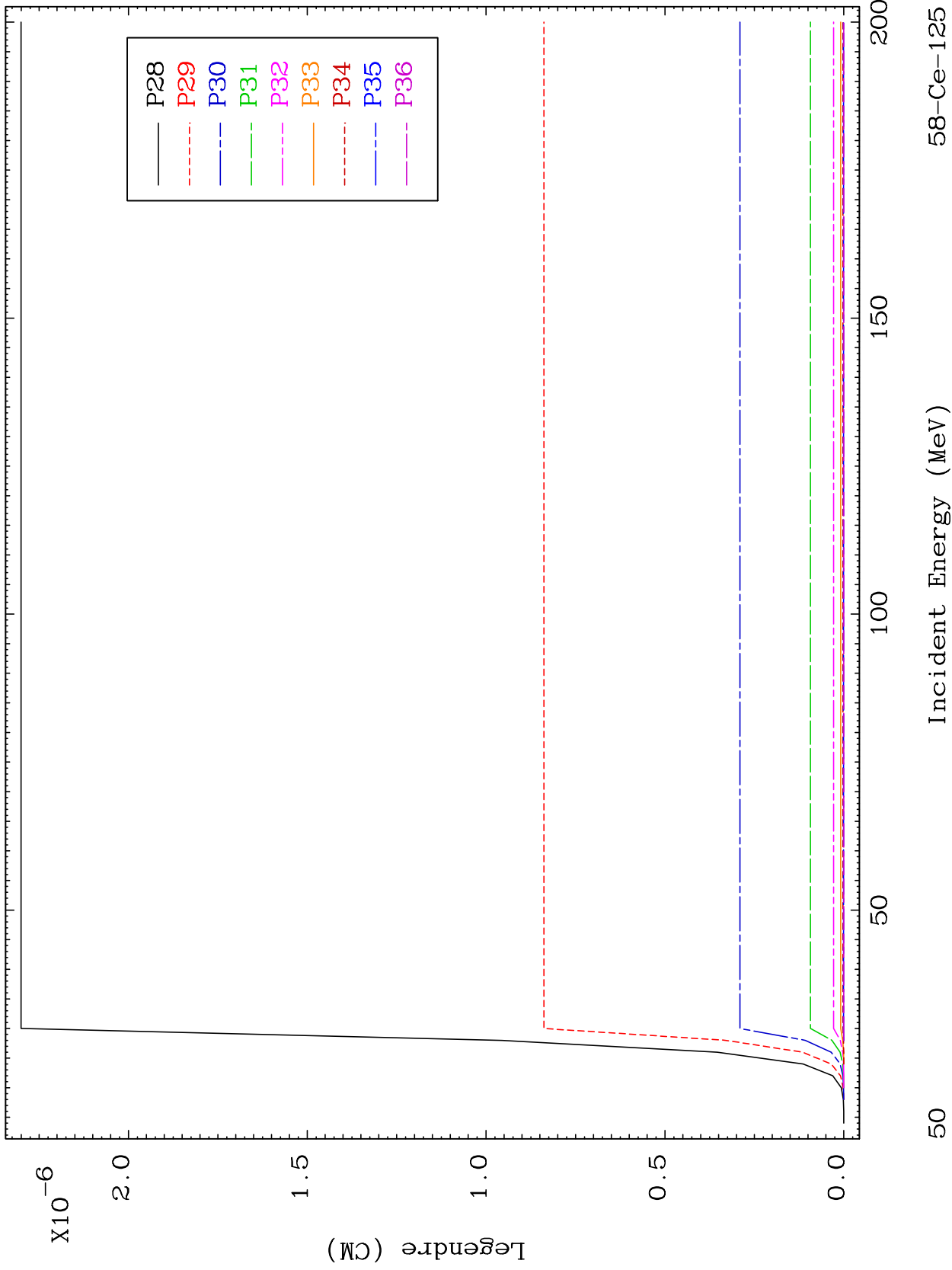


49

MAT 5792

322.8 keV (n,n') Level
Legendre Coefficients

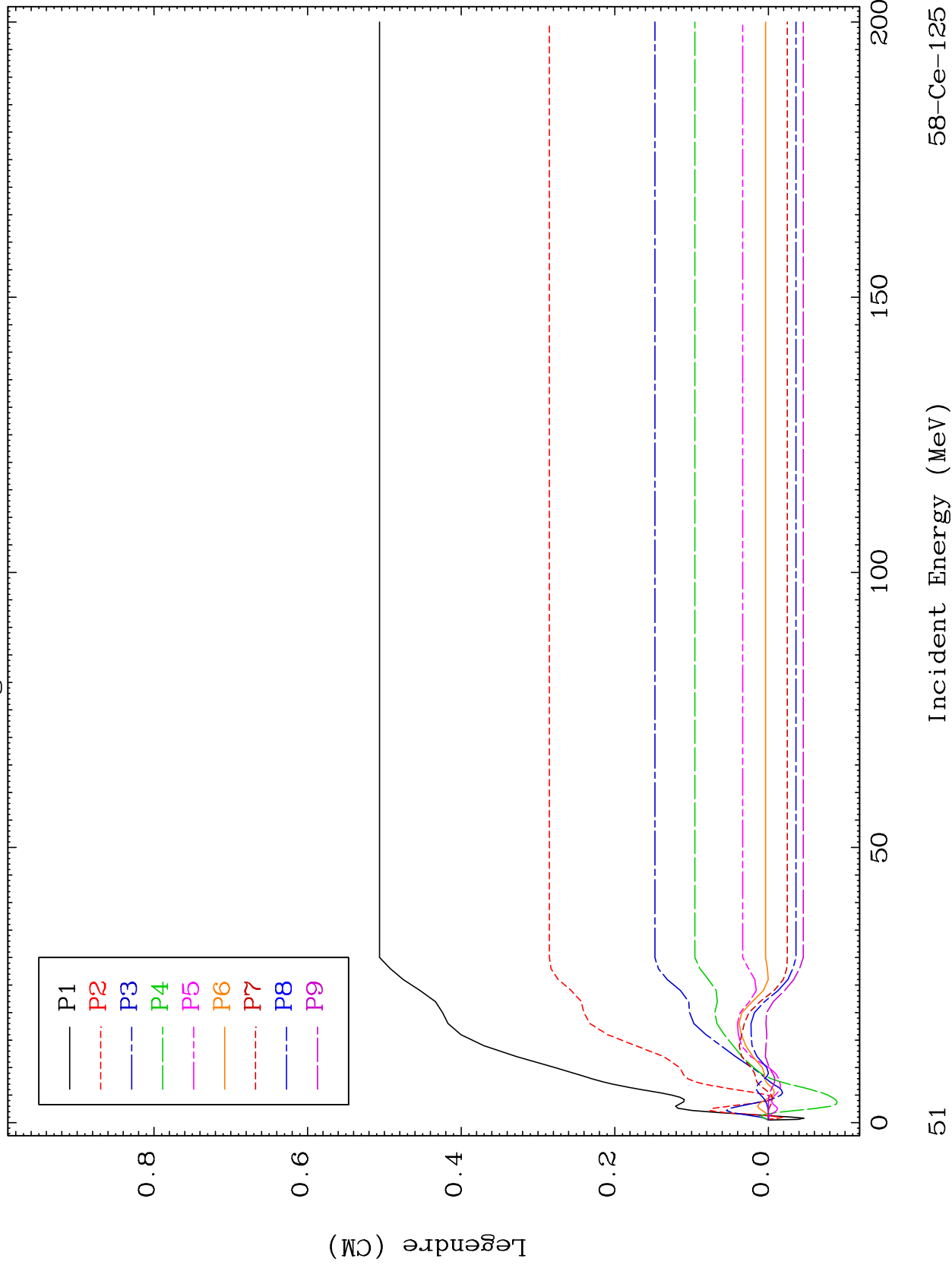
58-Ce-125



MAT 5792

463.2 keV (n,n') Level
Legendre Coefficients

58-Ce-125



58-Ce-125

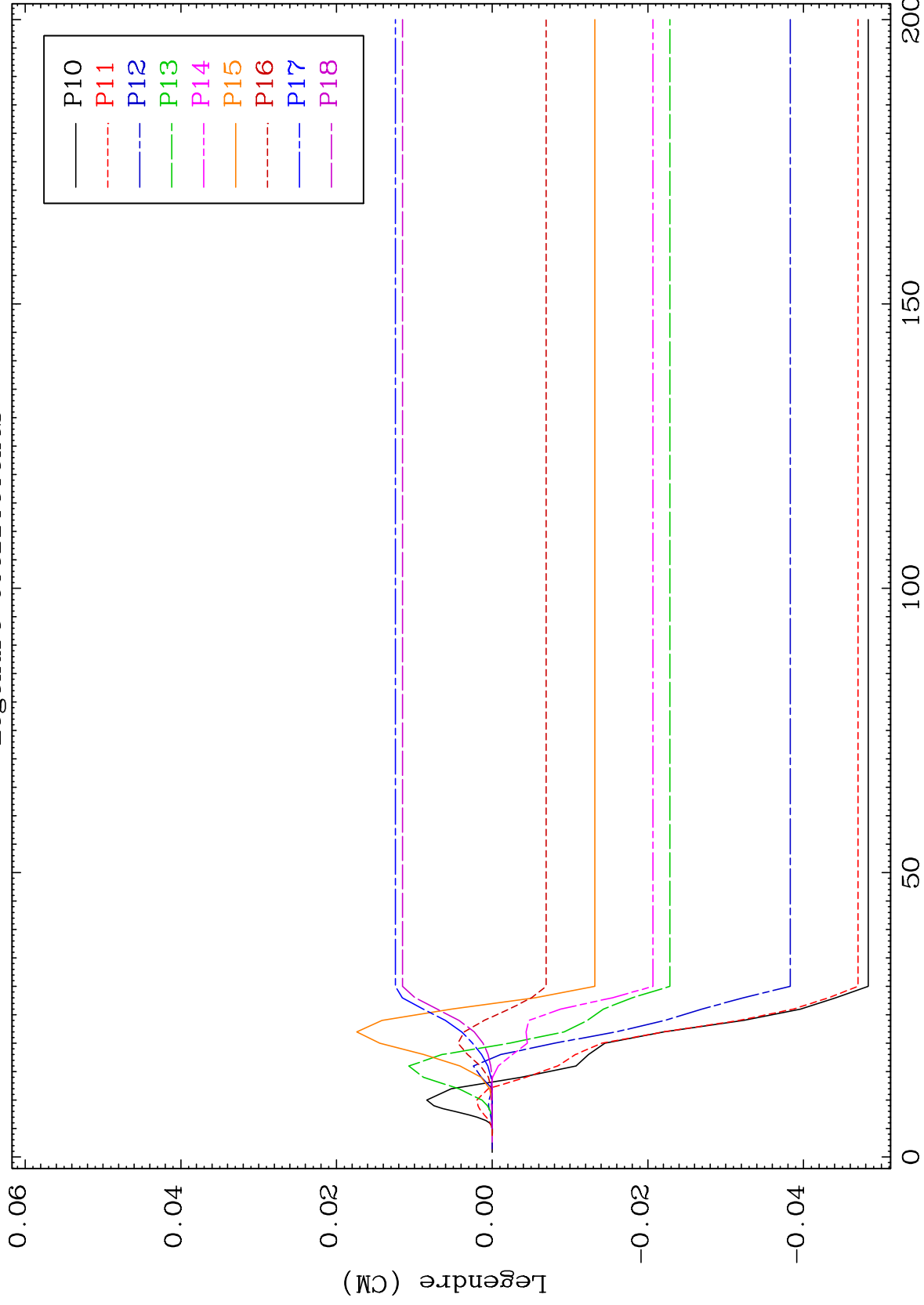
Incident Energy (MeV)

51

MAT 5792

463.2 keV (n,n') Level
Legendre Coefficients

58-Ce-125



52

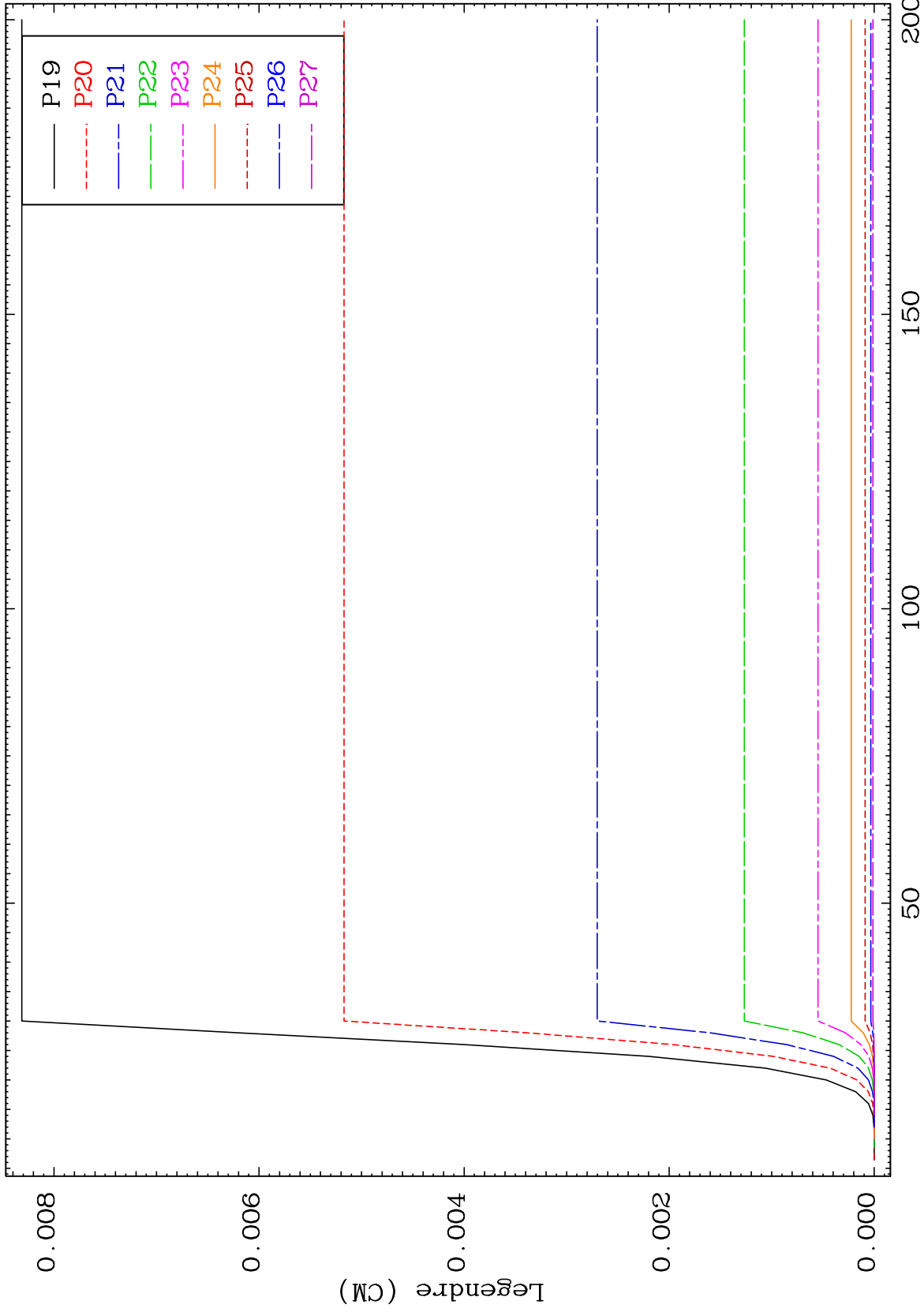
Incident Energy (MeV)

58-Ce-125

MAT 5792

463.2 keV (n,n') Level
Legendre Coefficients

58-Ce-125



53

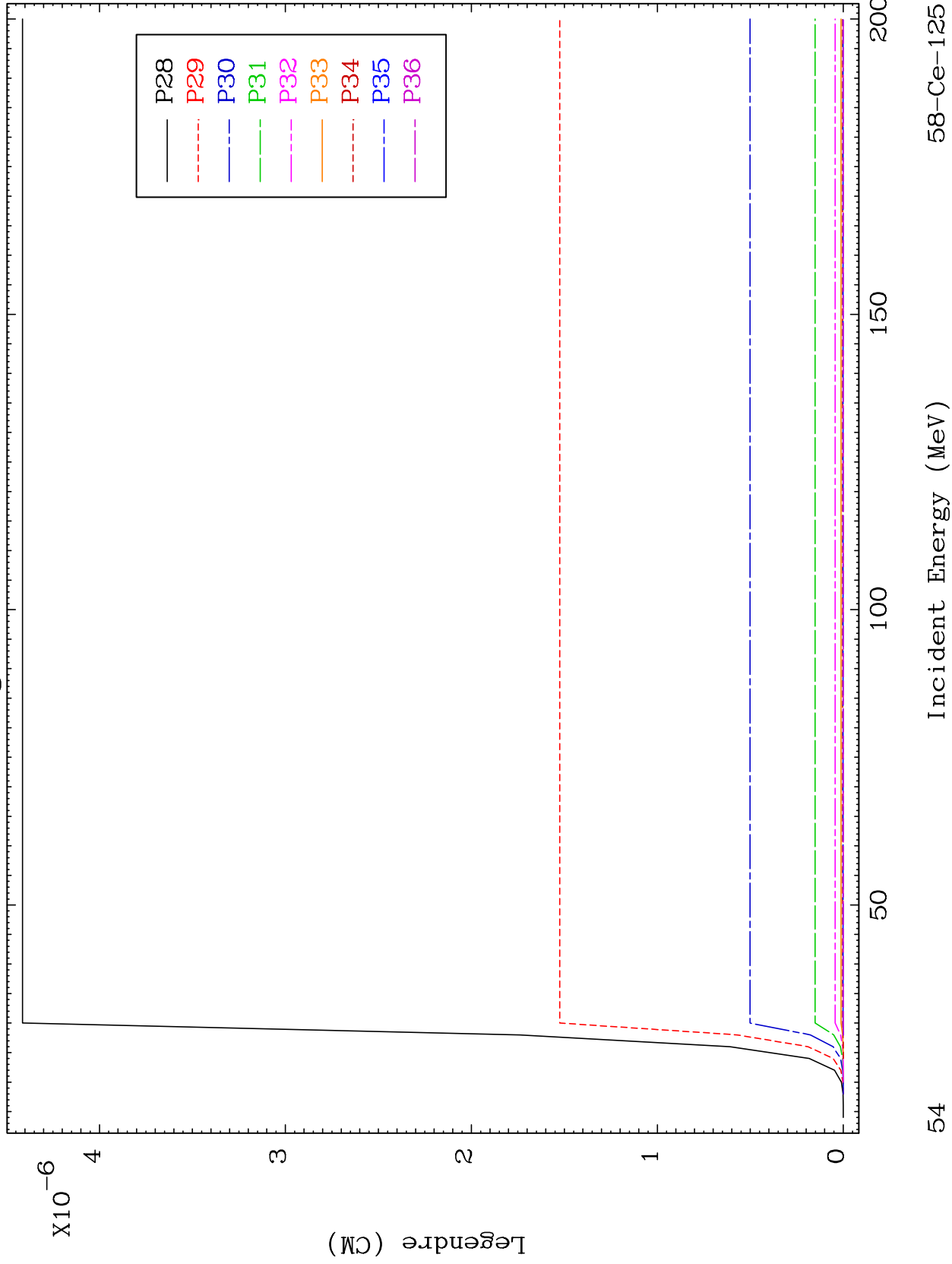
Incident Energy (MeV)

58-Ce-125

MAT 5792

463.2 keV (n,n') Level
Legendre Coefficients

58-Ce-125



54

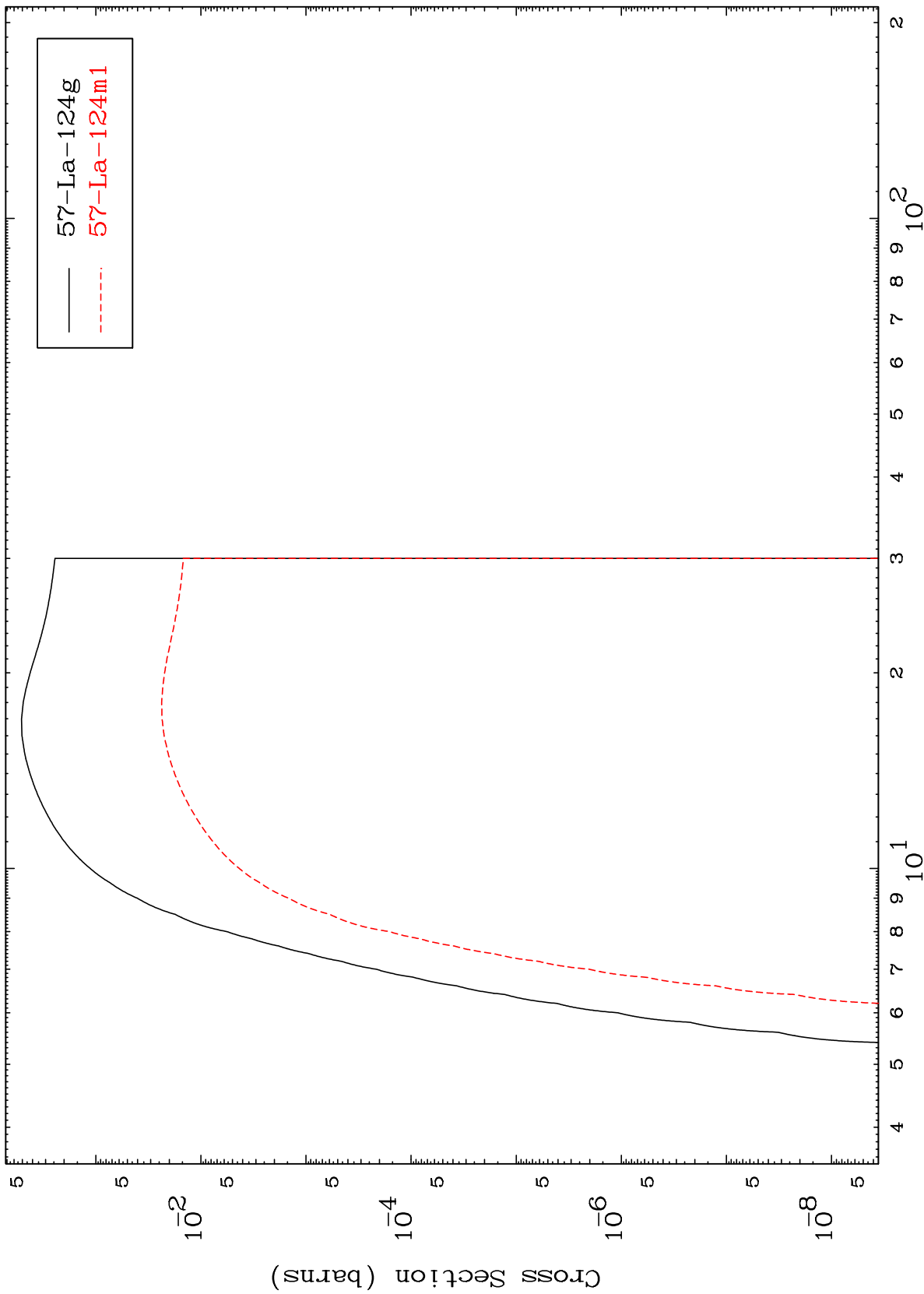
58-Ce-125

MAT 5792

(n,n') p

58-Ce-125

Radionuclide Production Cross Section

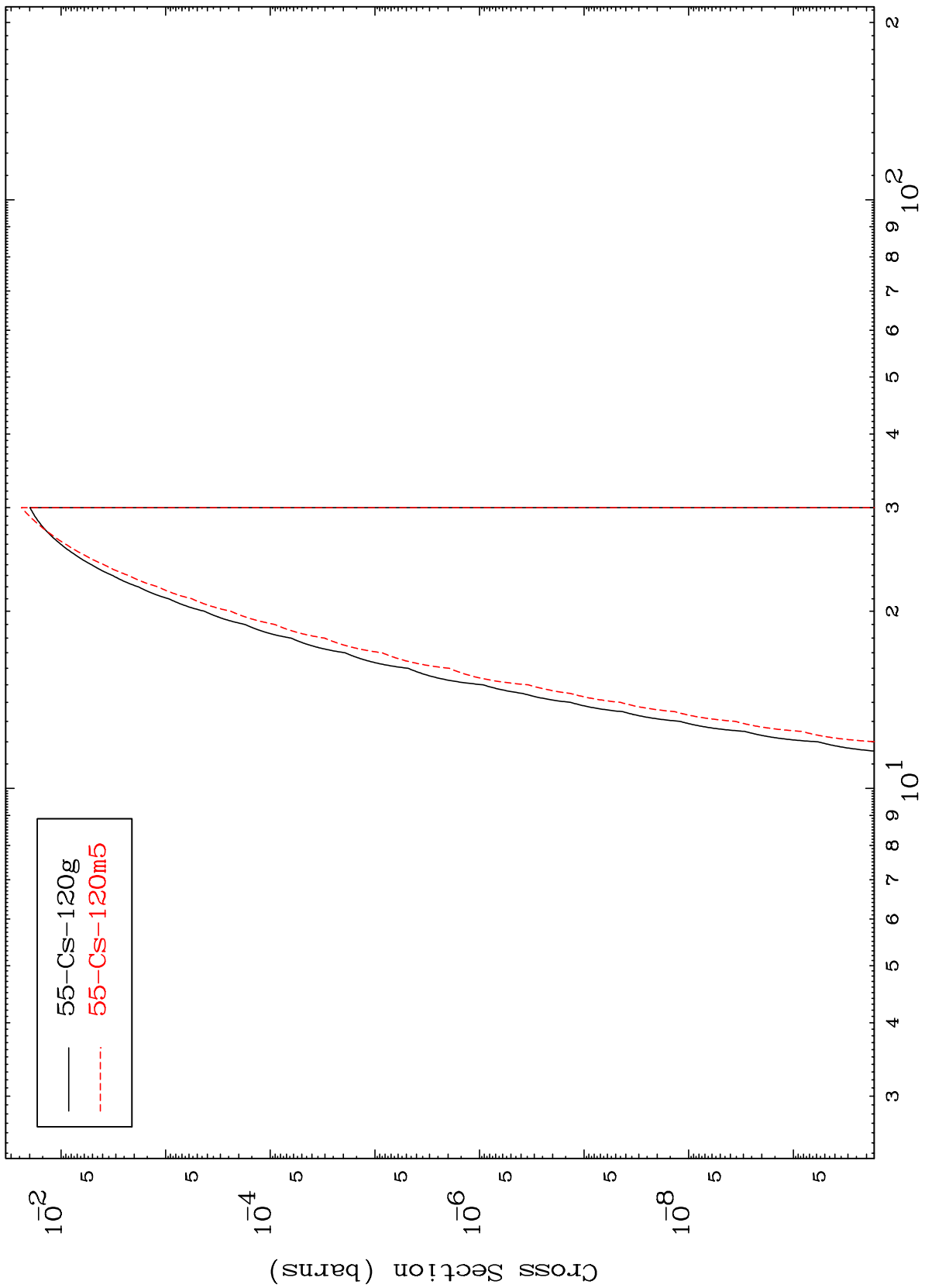


55

Incident Energy (MeV)

58-Ce-125

Radionuclide Production Cross Section

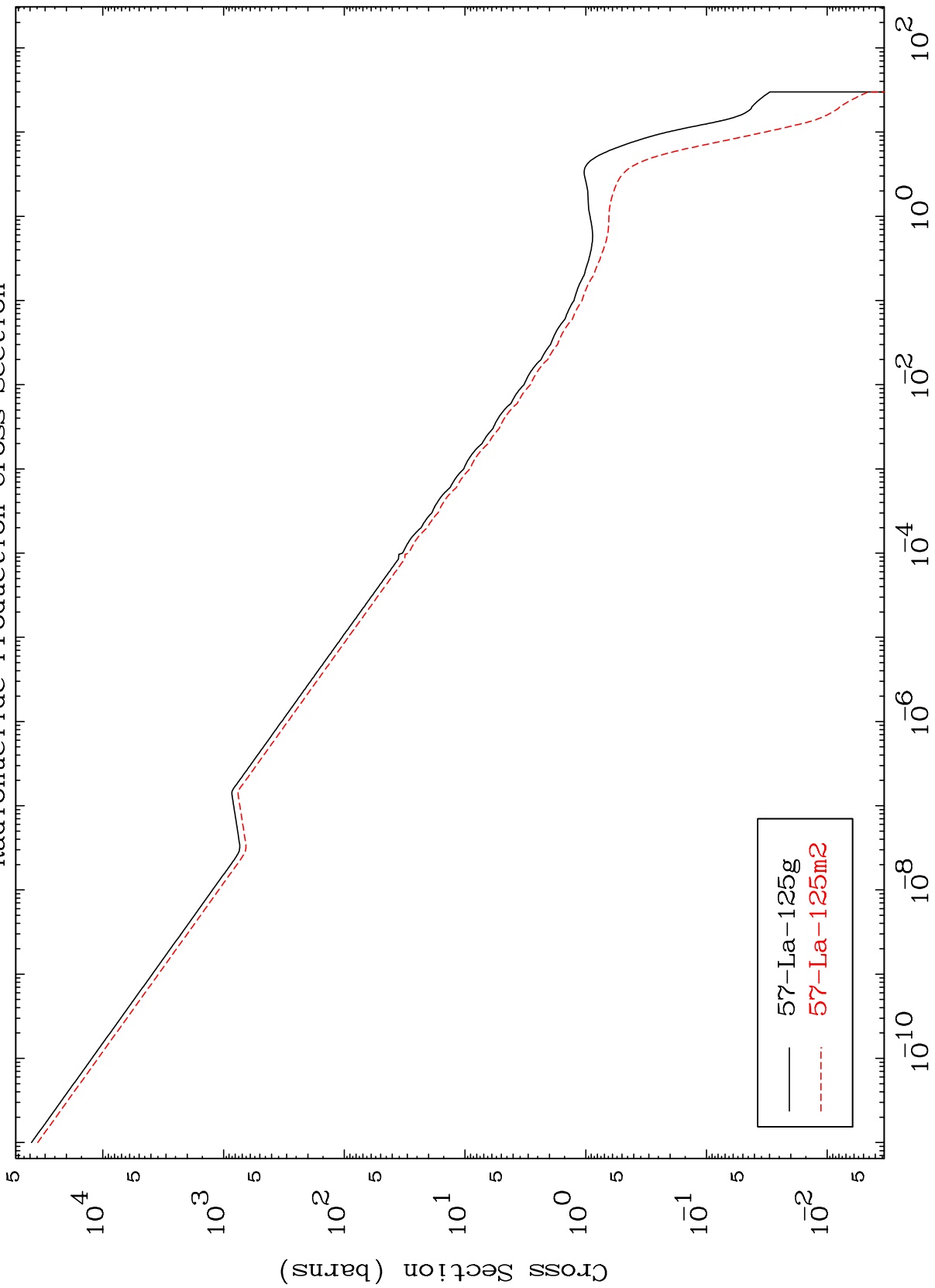


55-Cs-120g
55-Cs-120m5

MAT 5792

58-Ce-125

(n,p)
Radionuclide Production Cross Section



57

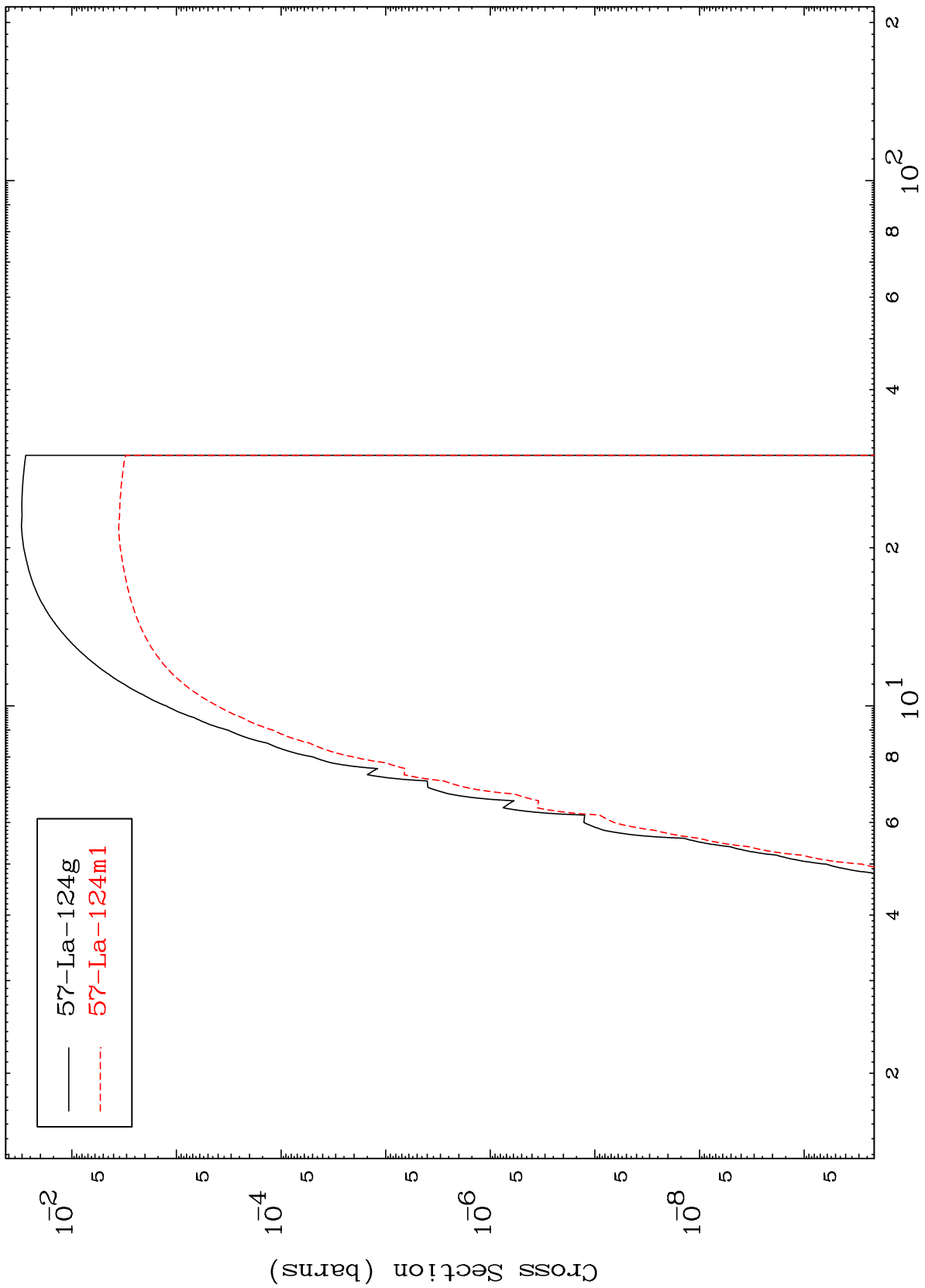
58-Ce-125

Incident Energy (MeV)

MAT 5792

58-Ce-125

(n,d)
Radionuclide Production Cross Section



— 57-La-124g
- - - 57-La-124m1

58

Incident Energy (MeV)

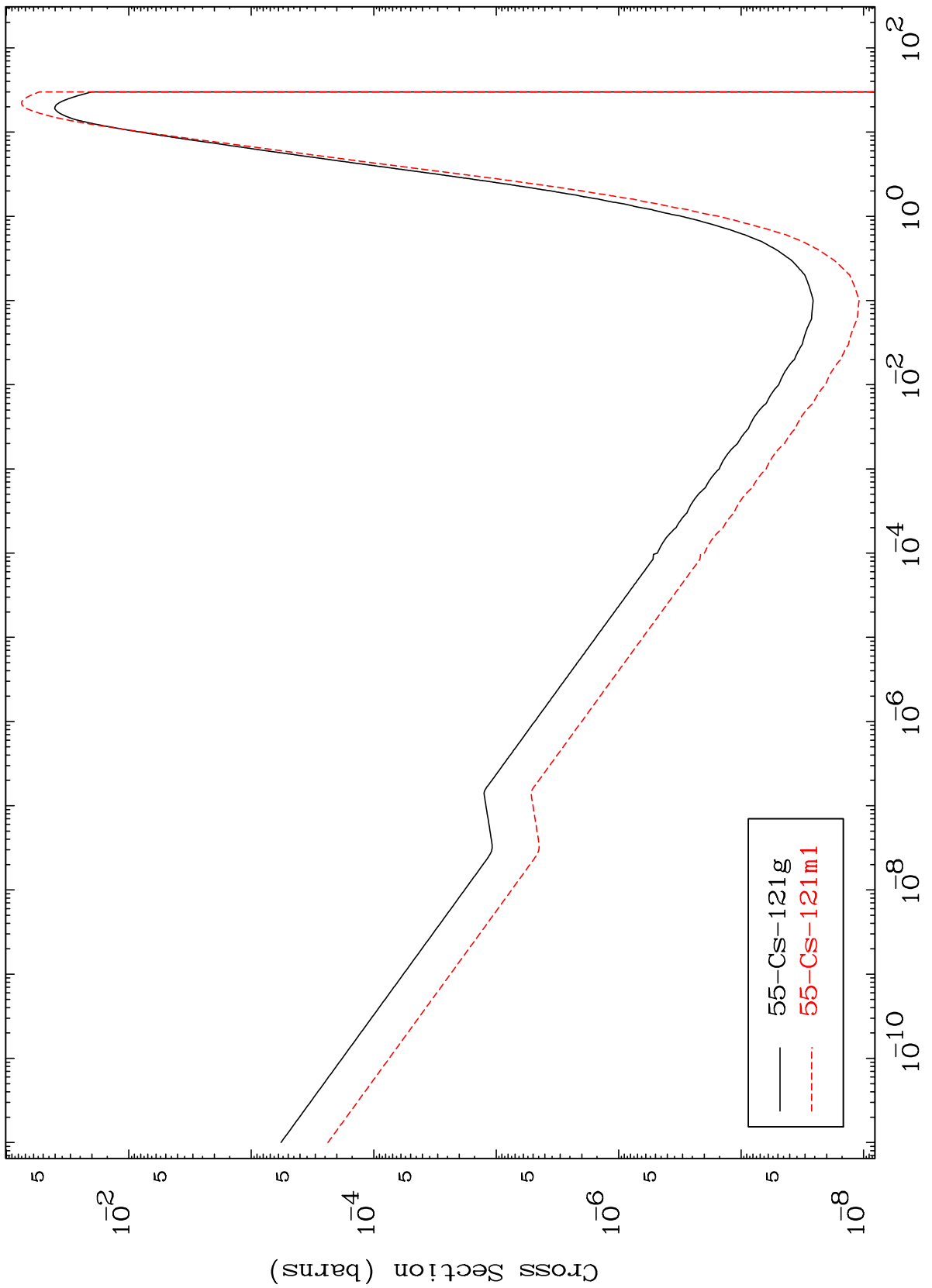
58-Ce-125

MAT 5792

(n,p) α

58-Ce-125

Radionuclide Production Cross Section



59

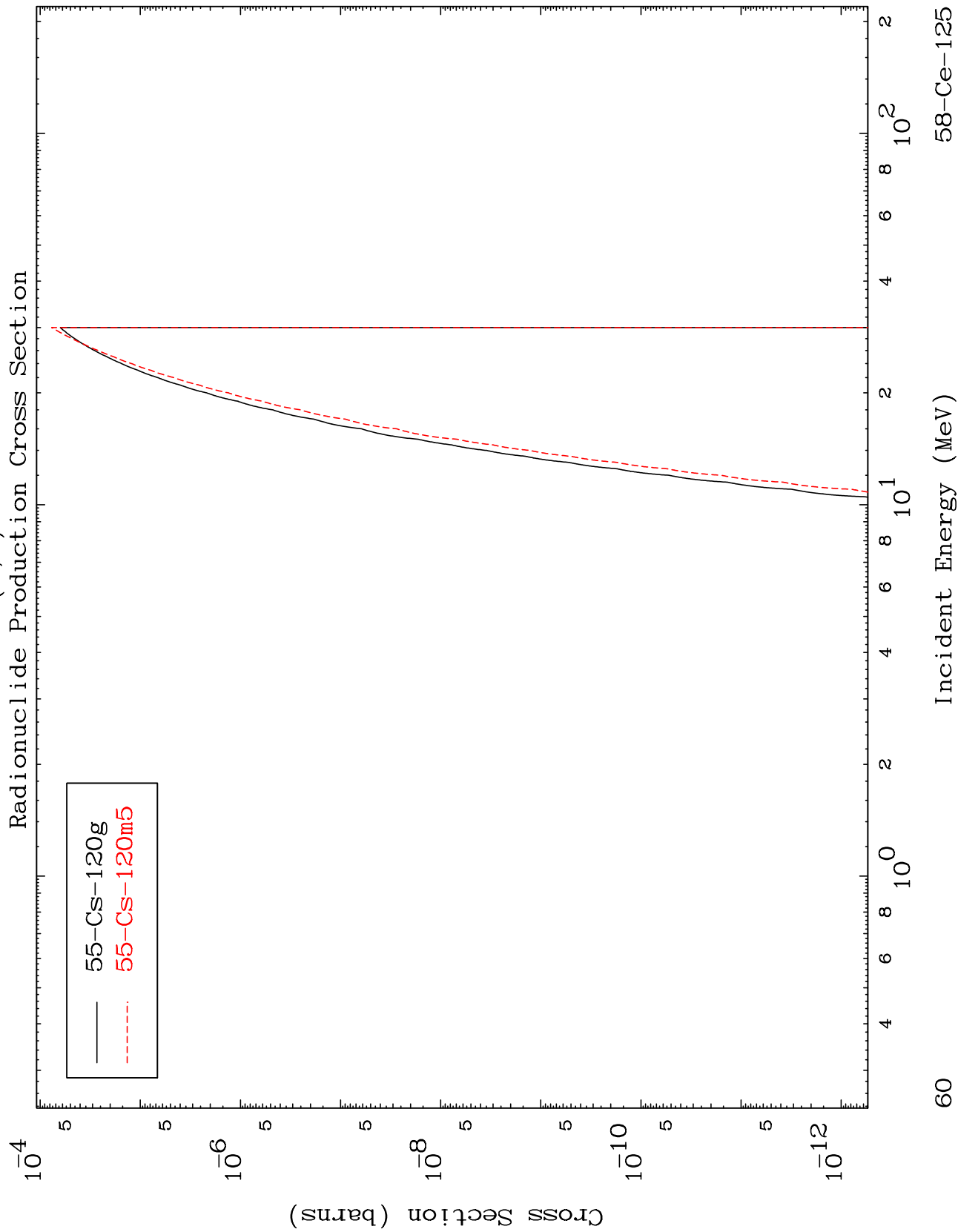
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,d) α

58-Ce-125



60

58-Ce-125