

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

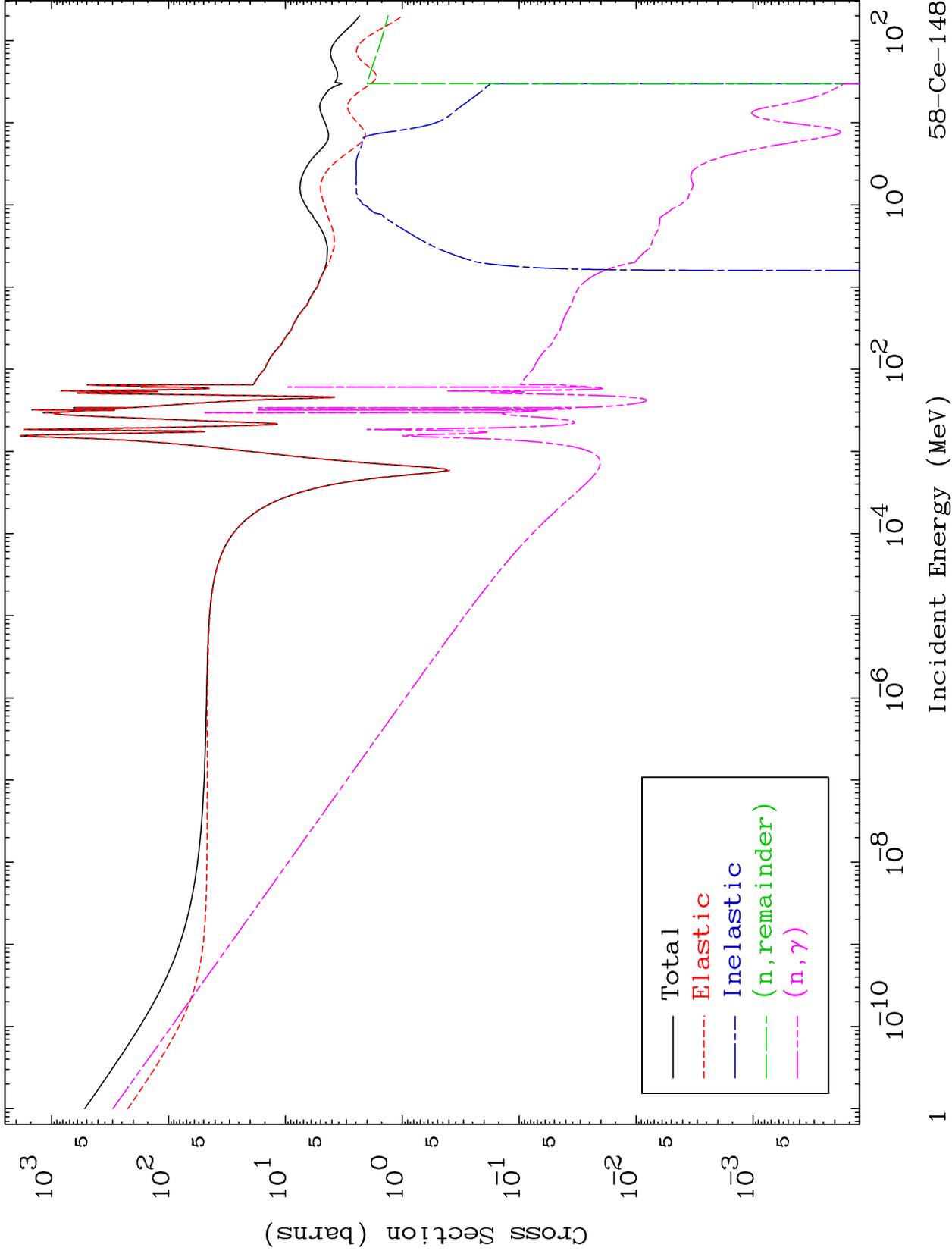
Press Mouse Button to Start

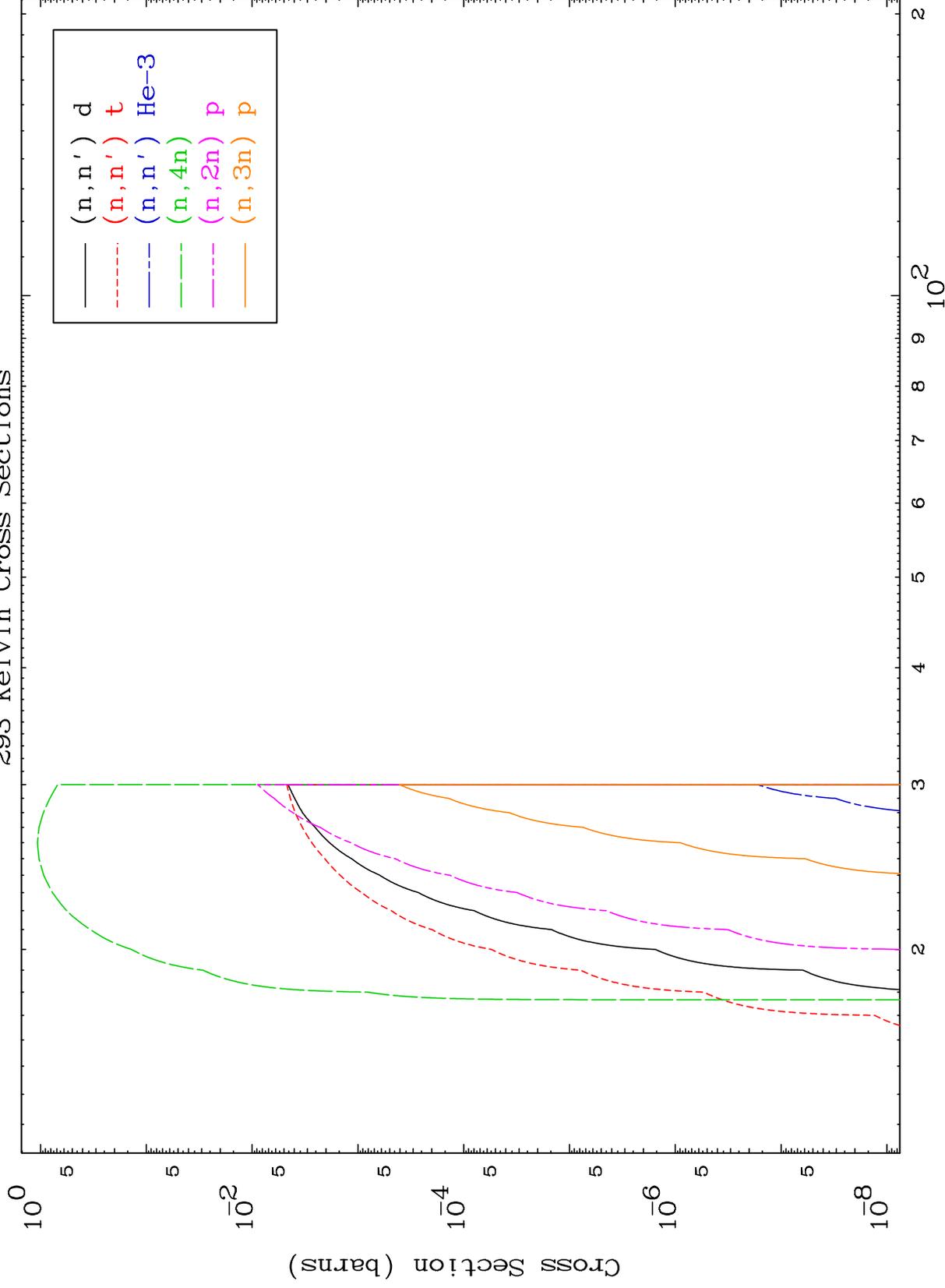
MAT 5861

Major

293 Kelvin Cross Sections

58-Ce-148

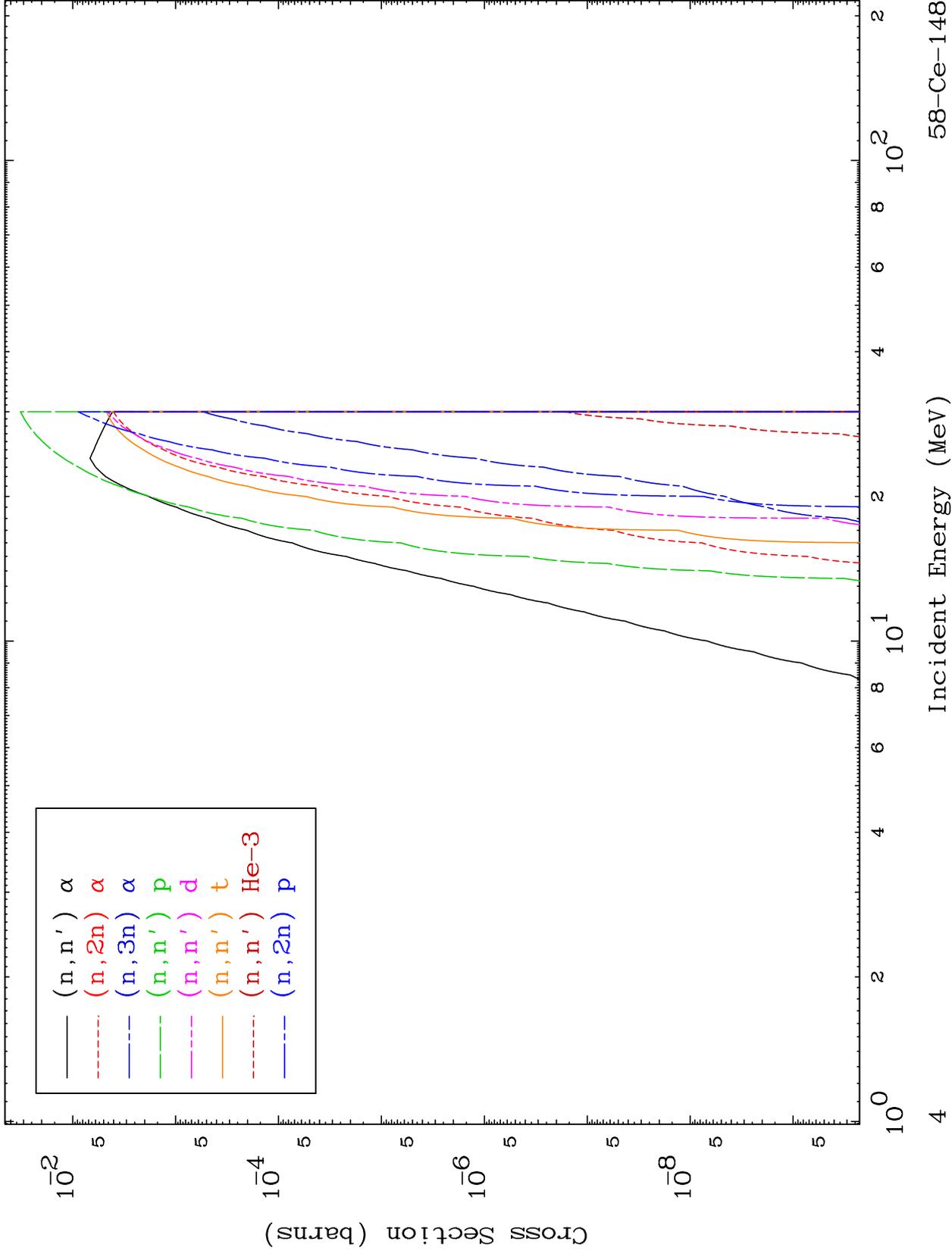




MAT 5861

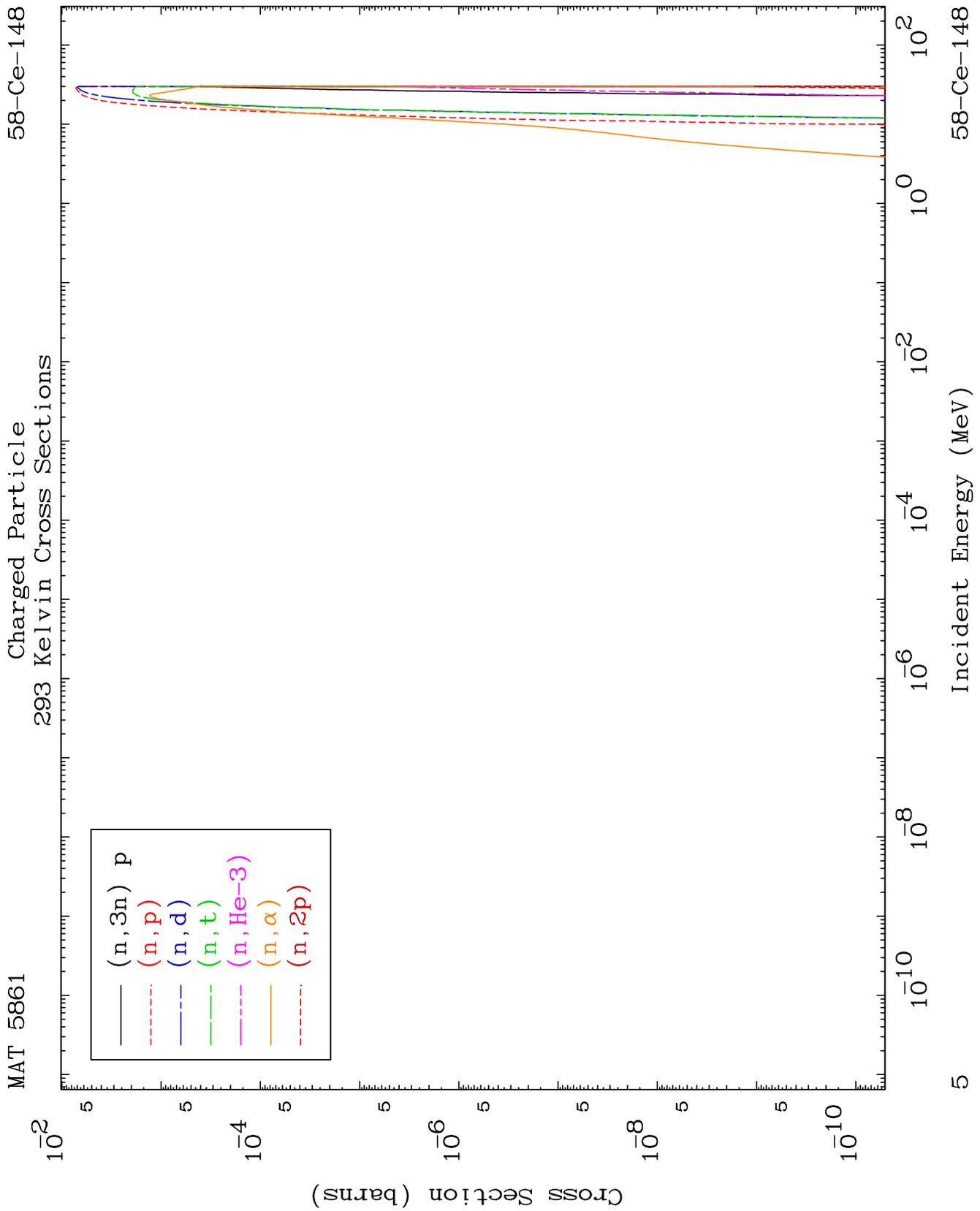
Charged Particle
293 Kelvin Cross Sections

58-Ce-148



58-Ce-148

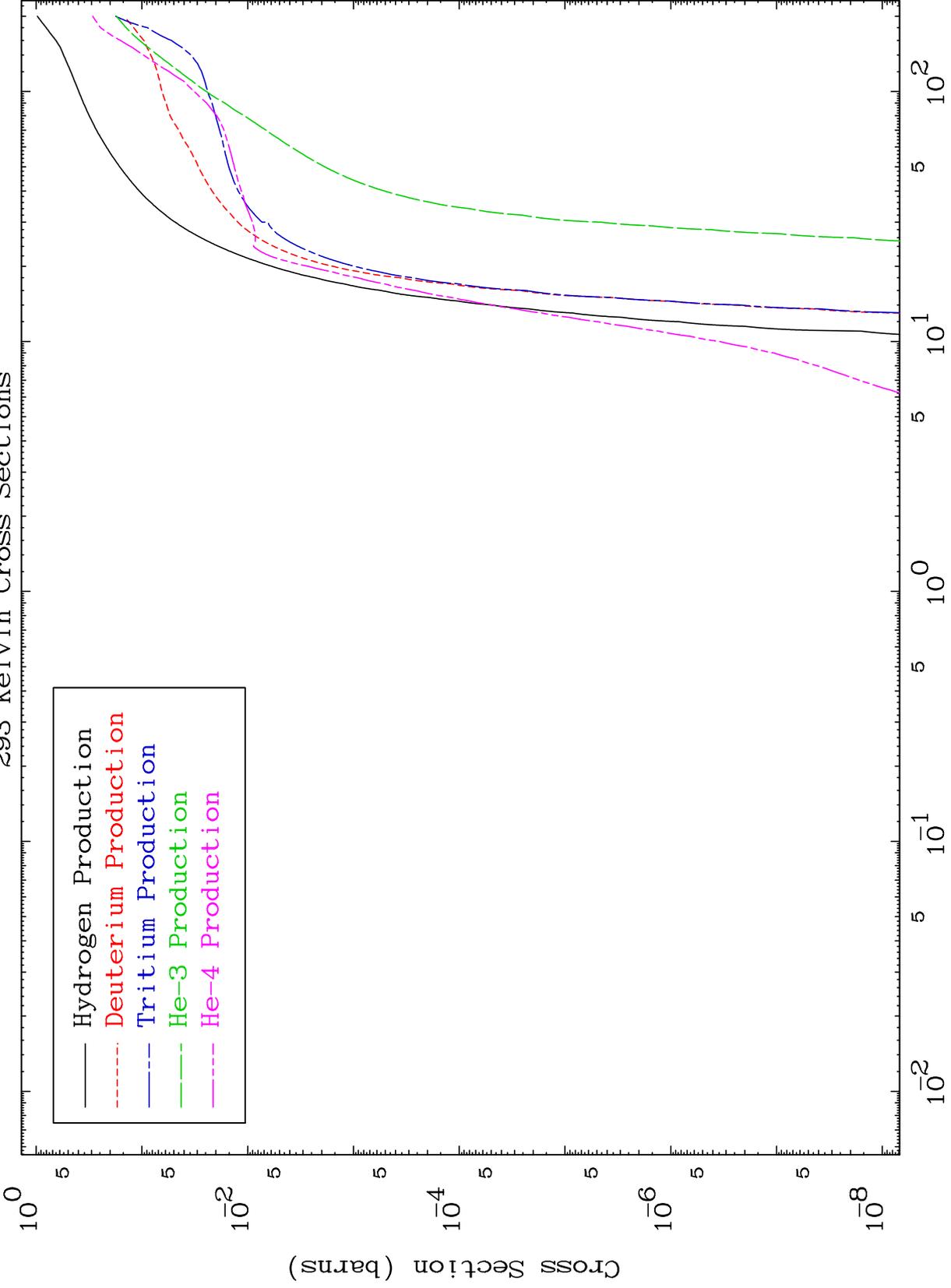
Incident Energy (MeV)



MAT 5861

Particle Production
293 Kelvin Cross Sections

58-Ce-148



6

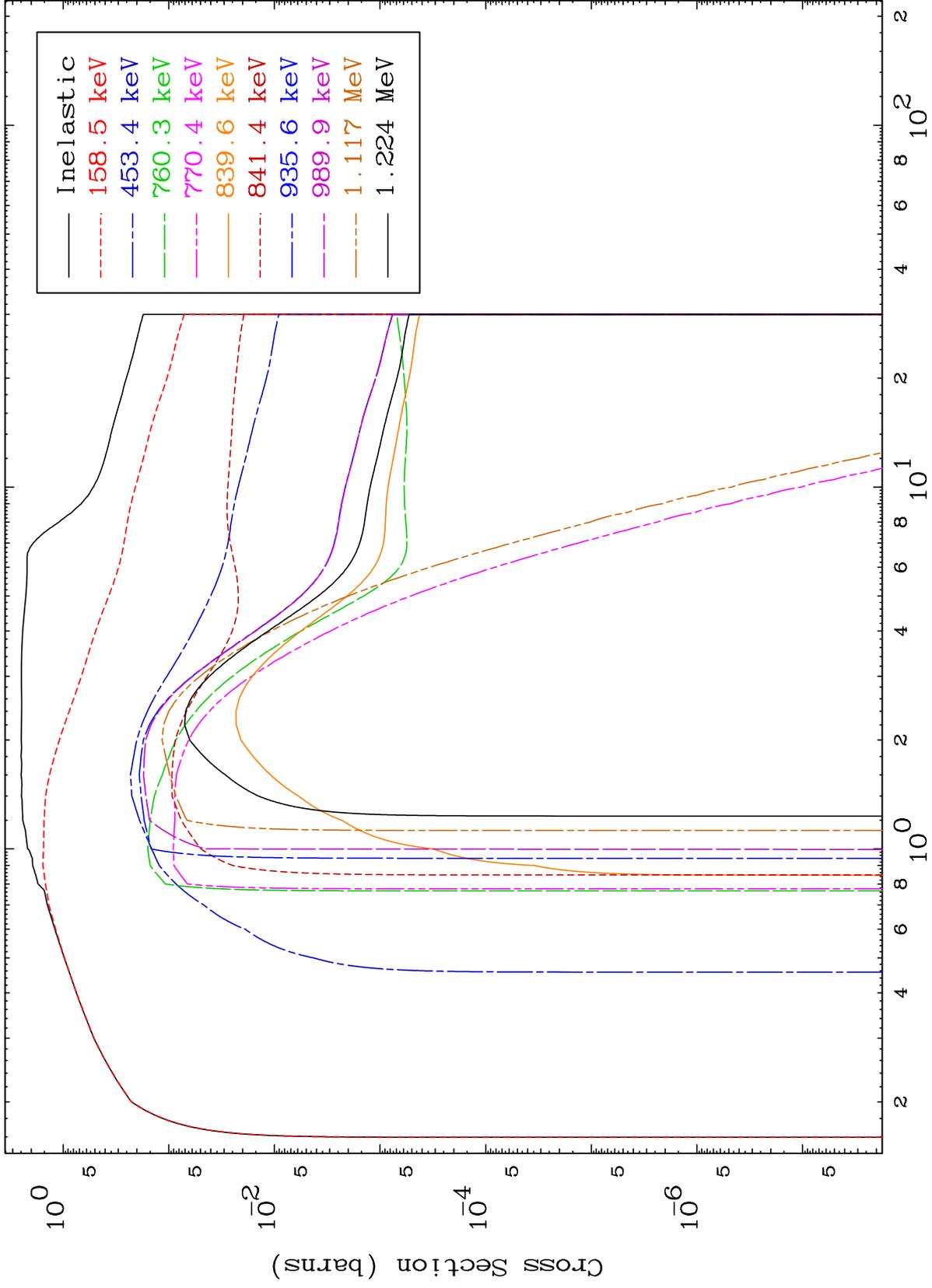
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,n') Level
293 Kelvin Cross Sections

58-Ce-148



7

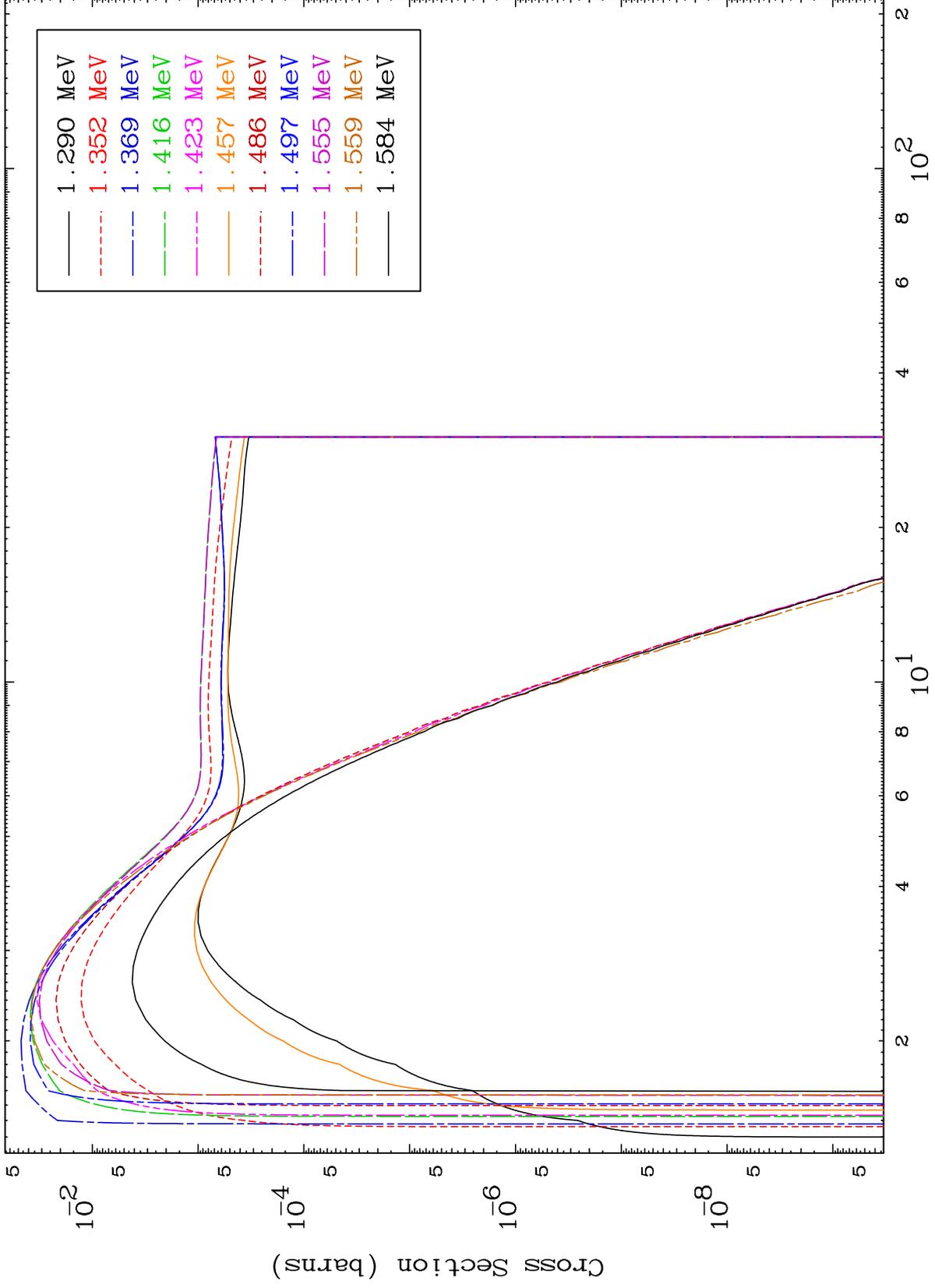
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,n') Level
293 Kelvin Cross Sections

58-Ce-148



8

Incident Energy (MeV)

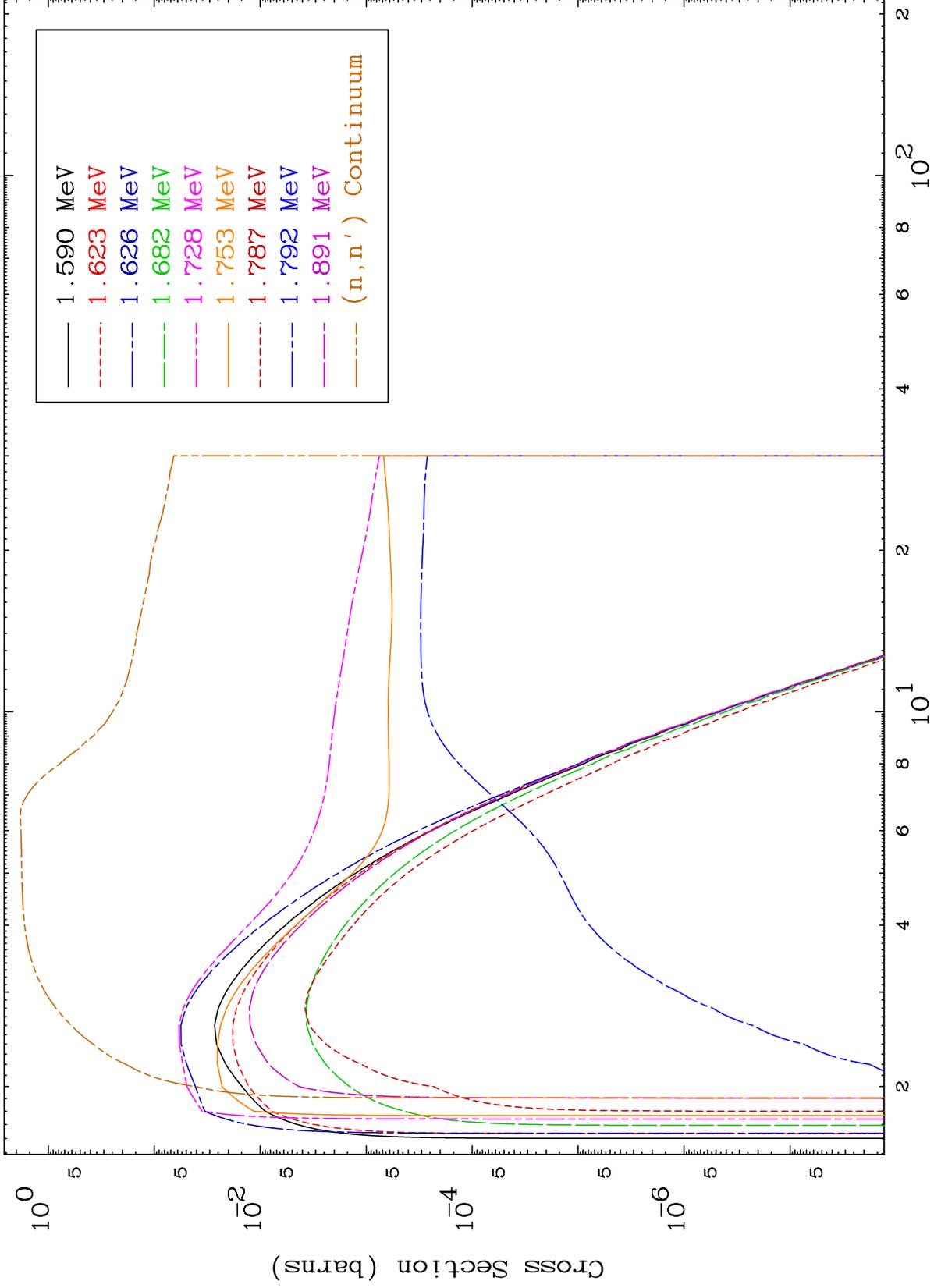
58-Ce-148

MAT 5861

(n,n') Level

58-Ce-148

293 Kelvin Cross Sections



9

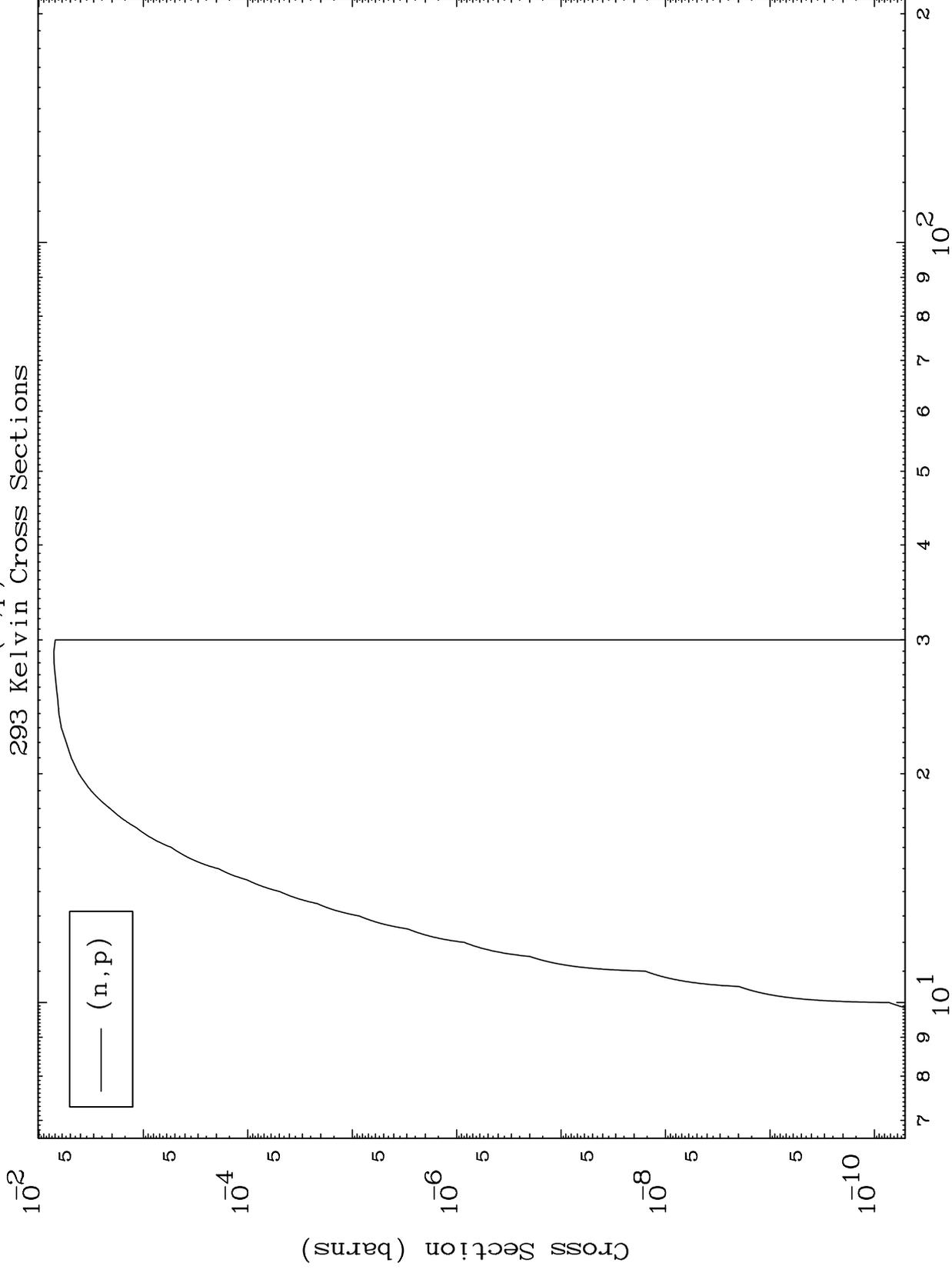
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-148



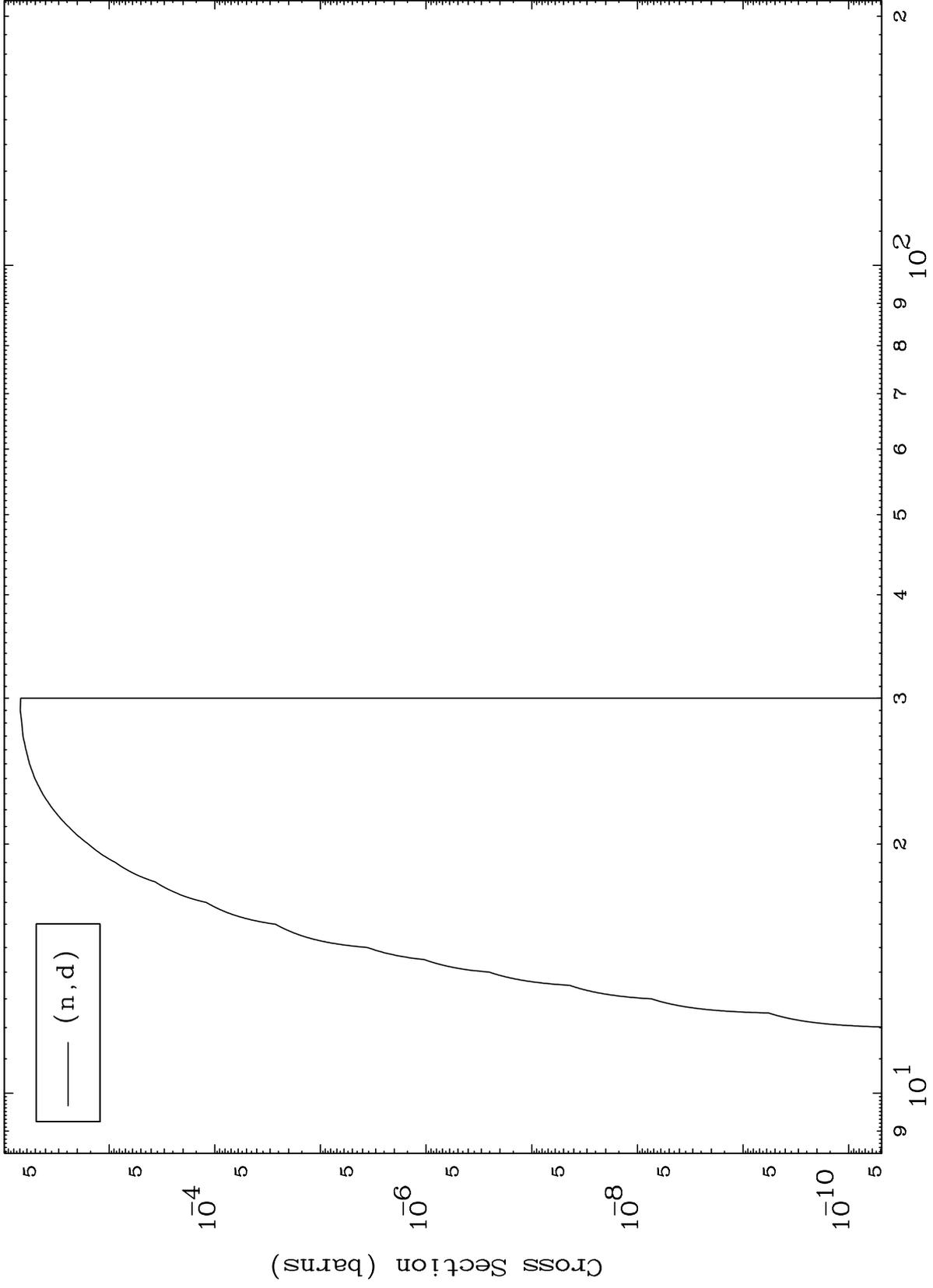
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-148



11

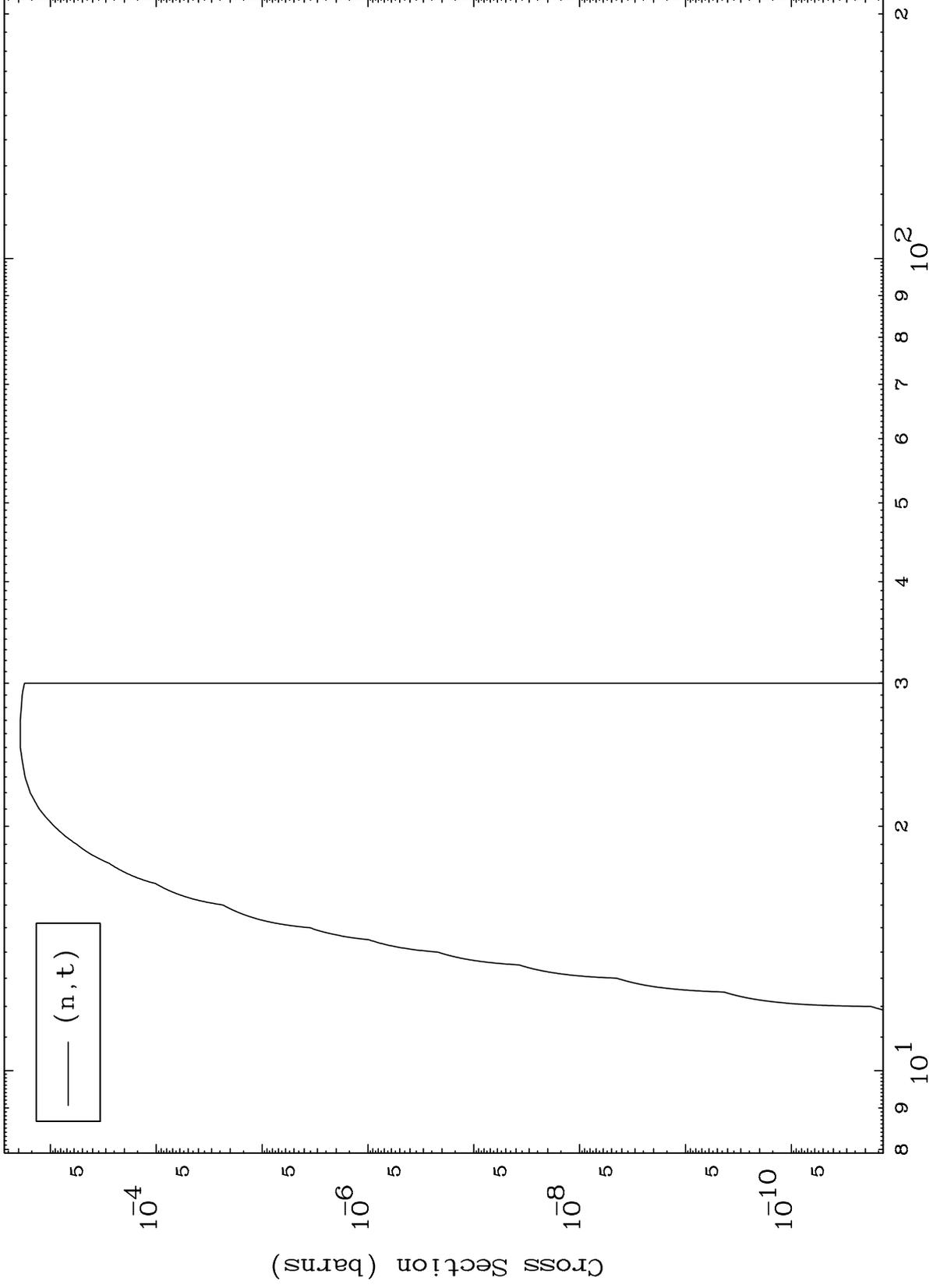
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-148



12

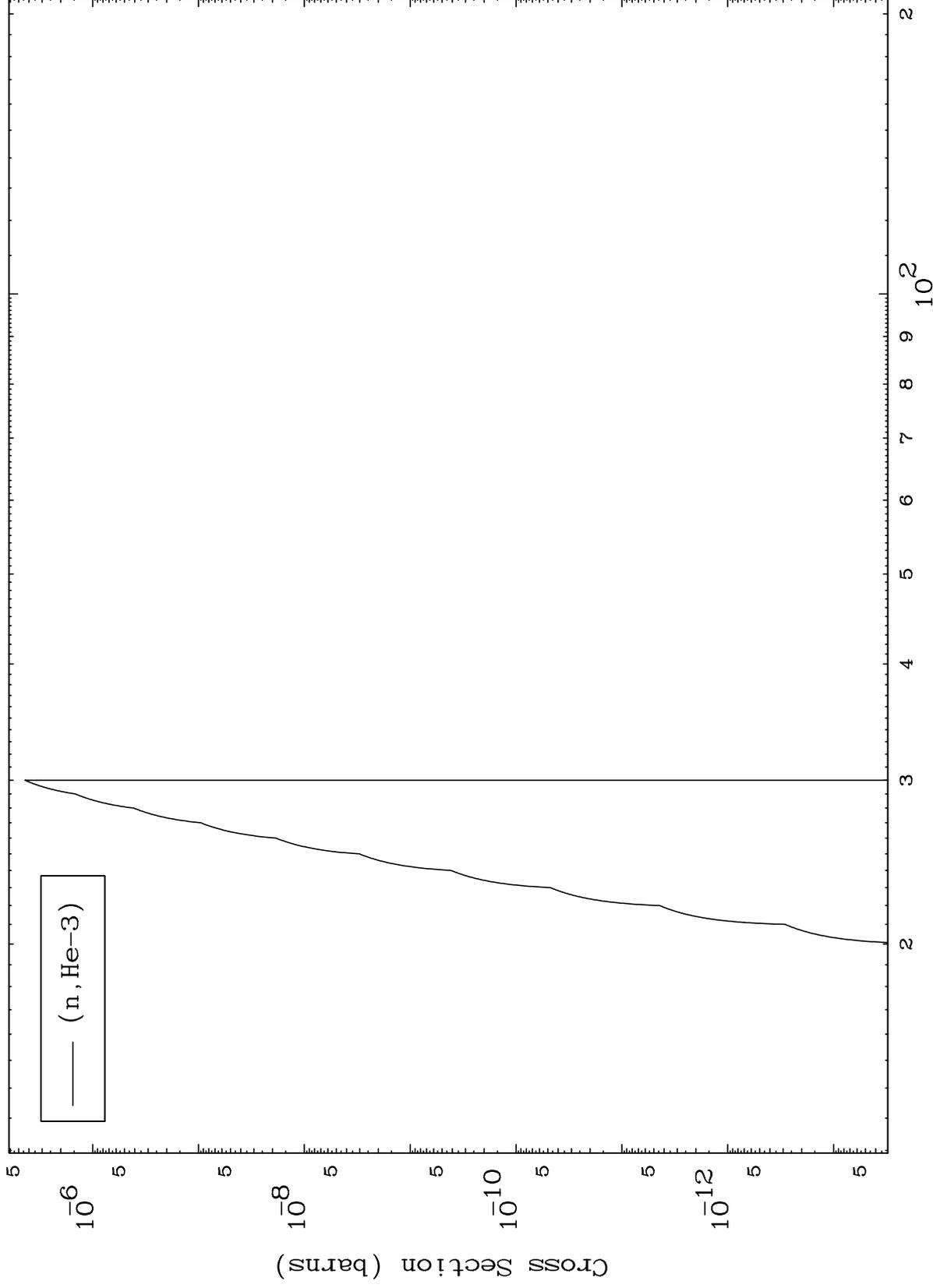
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-148



13

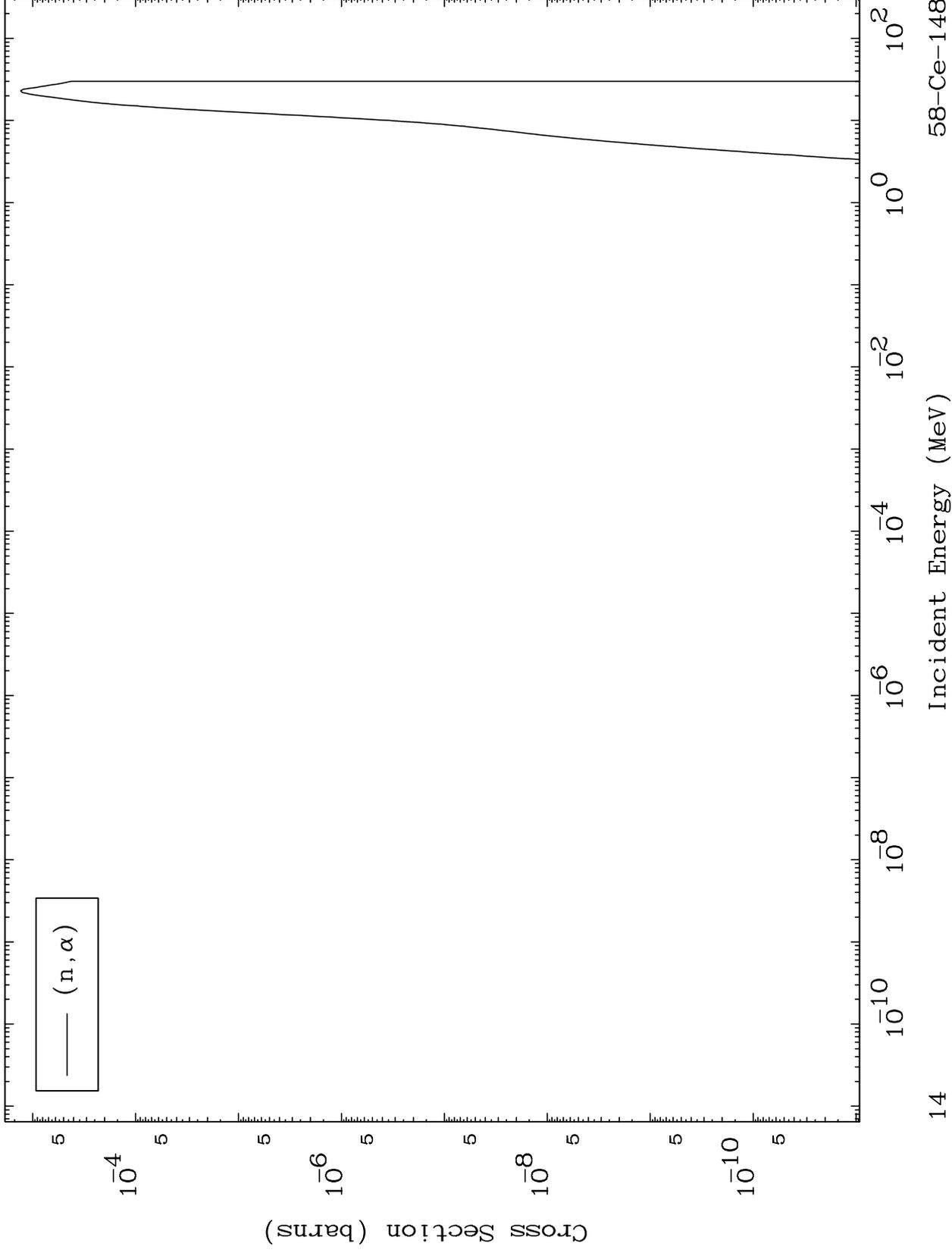
Incident Energy (MeV)

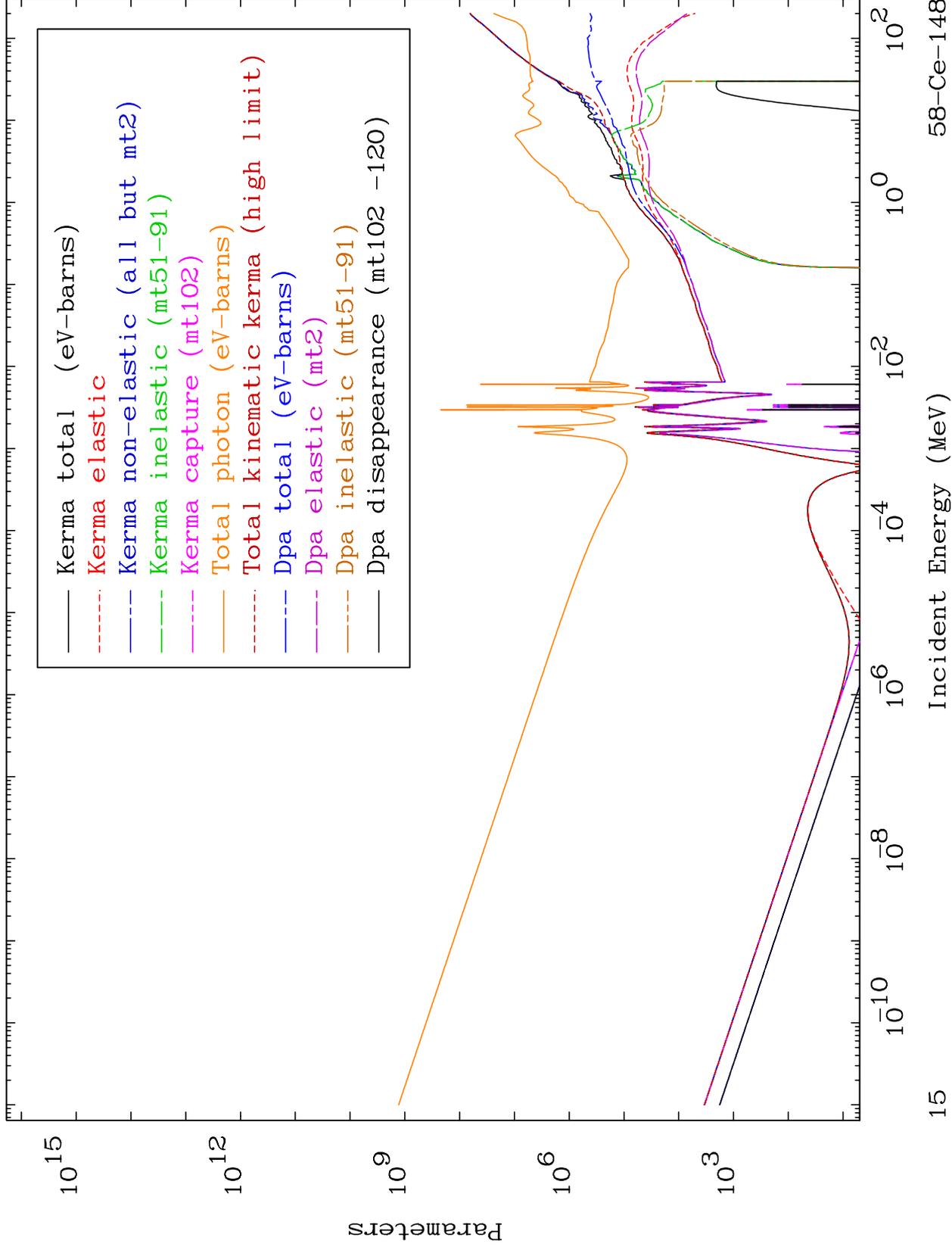
58-Ce-148

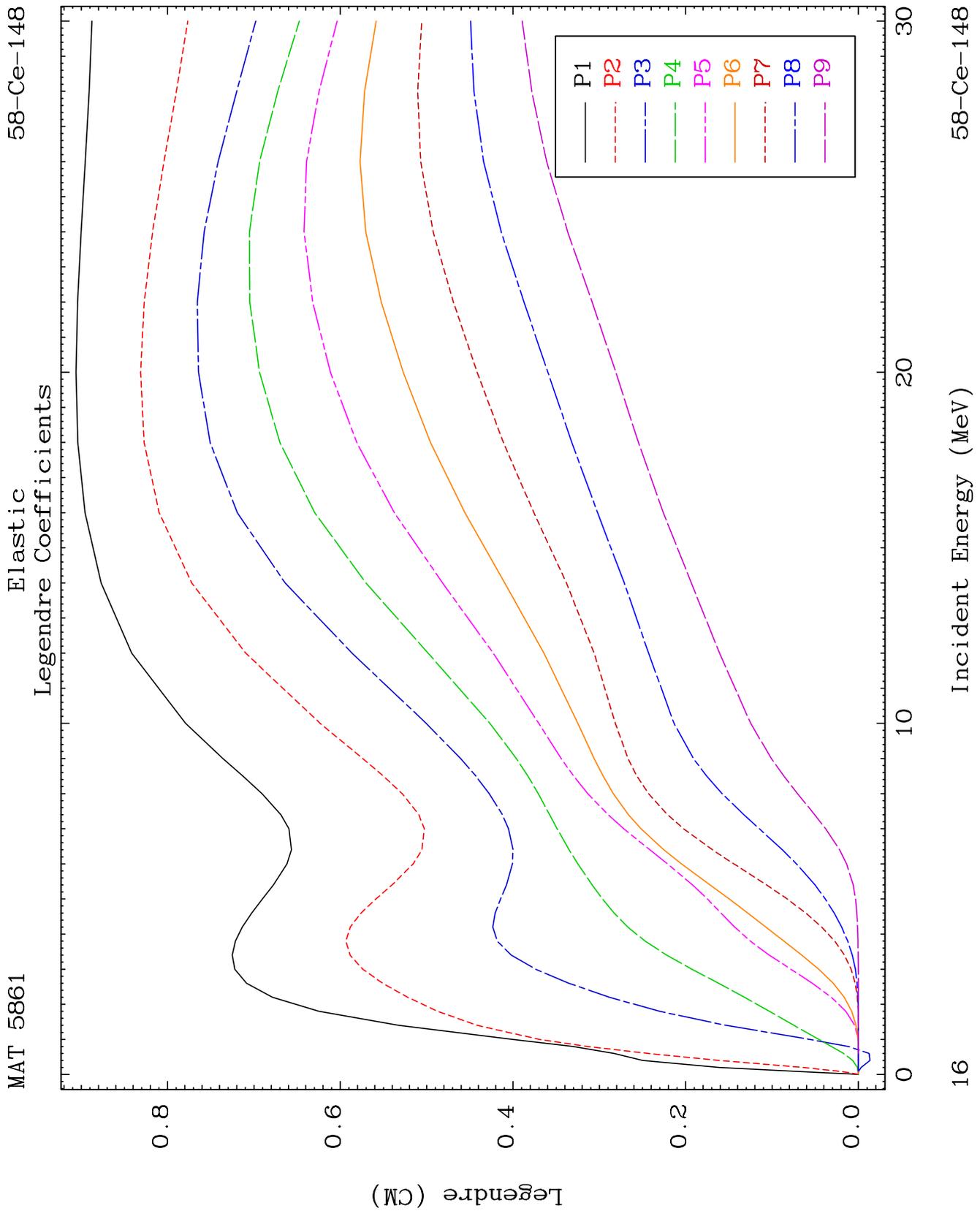
MAT 5861

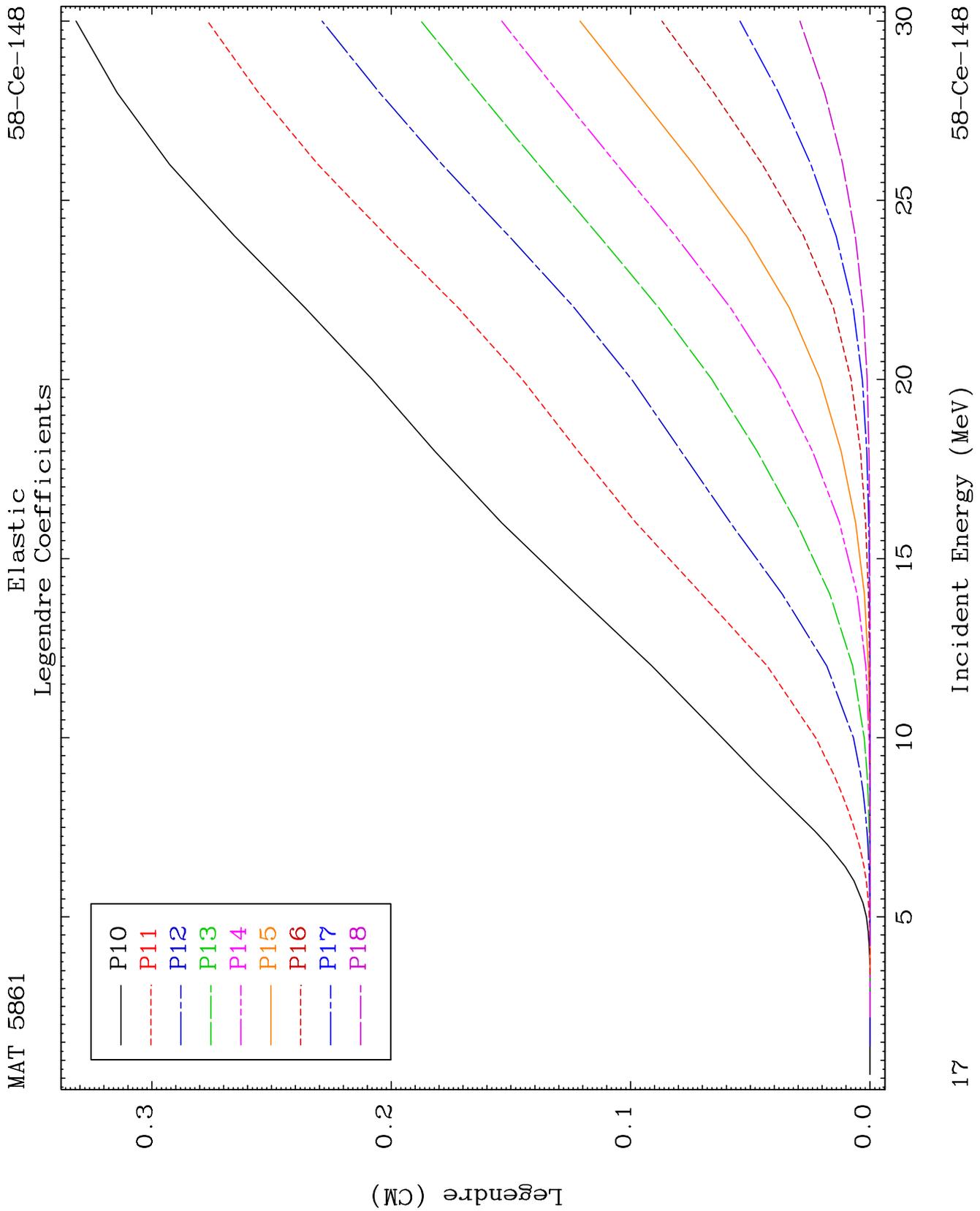
(n, α) Levels
293 Kelvin Cross Sections

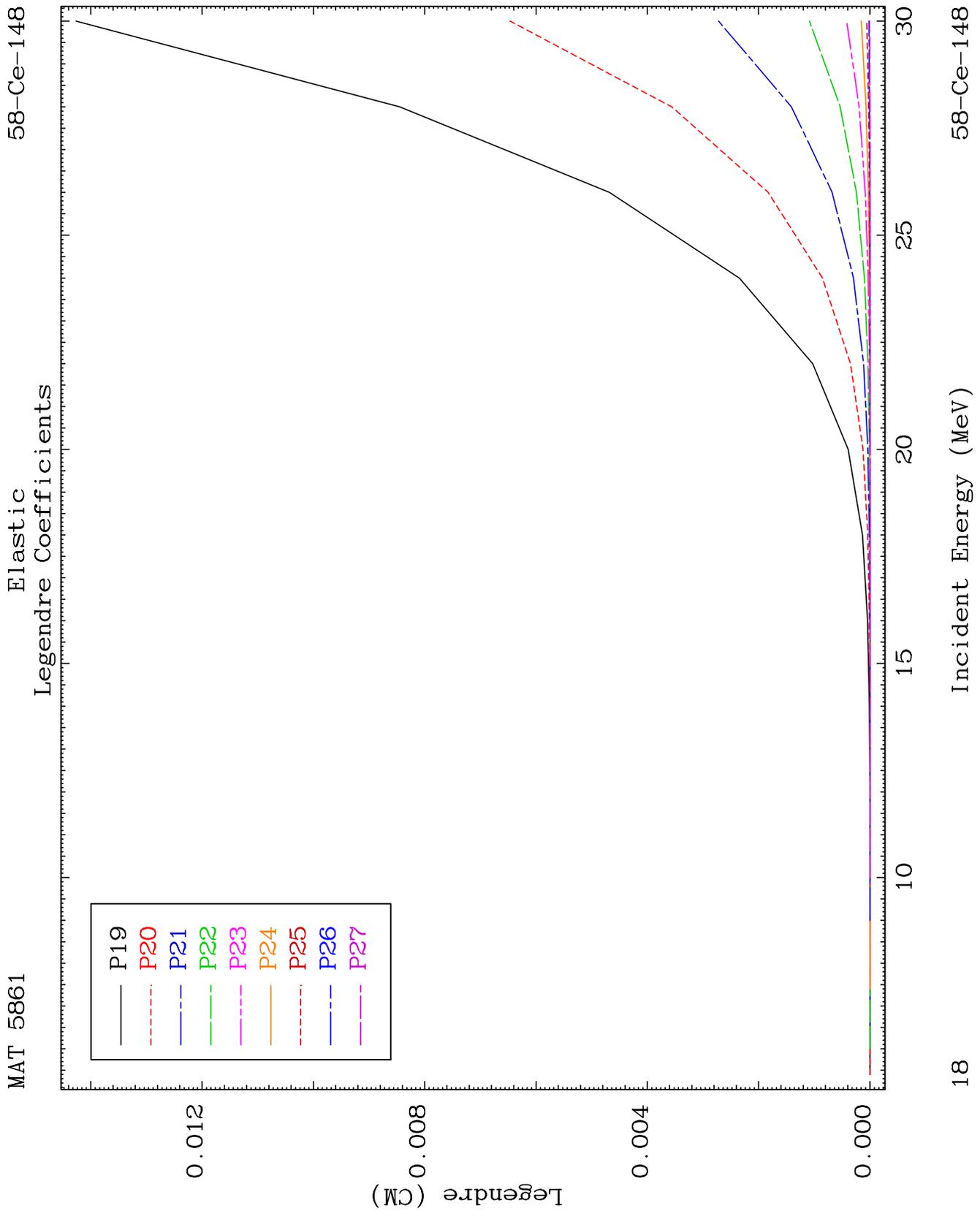
58-Ce-148







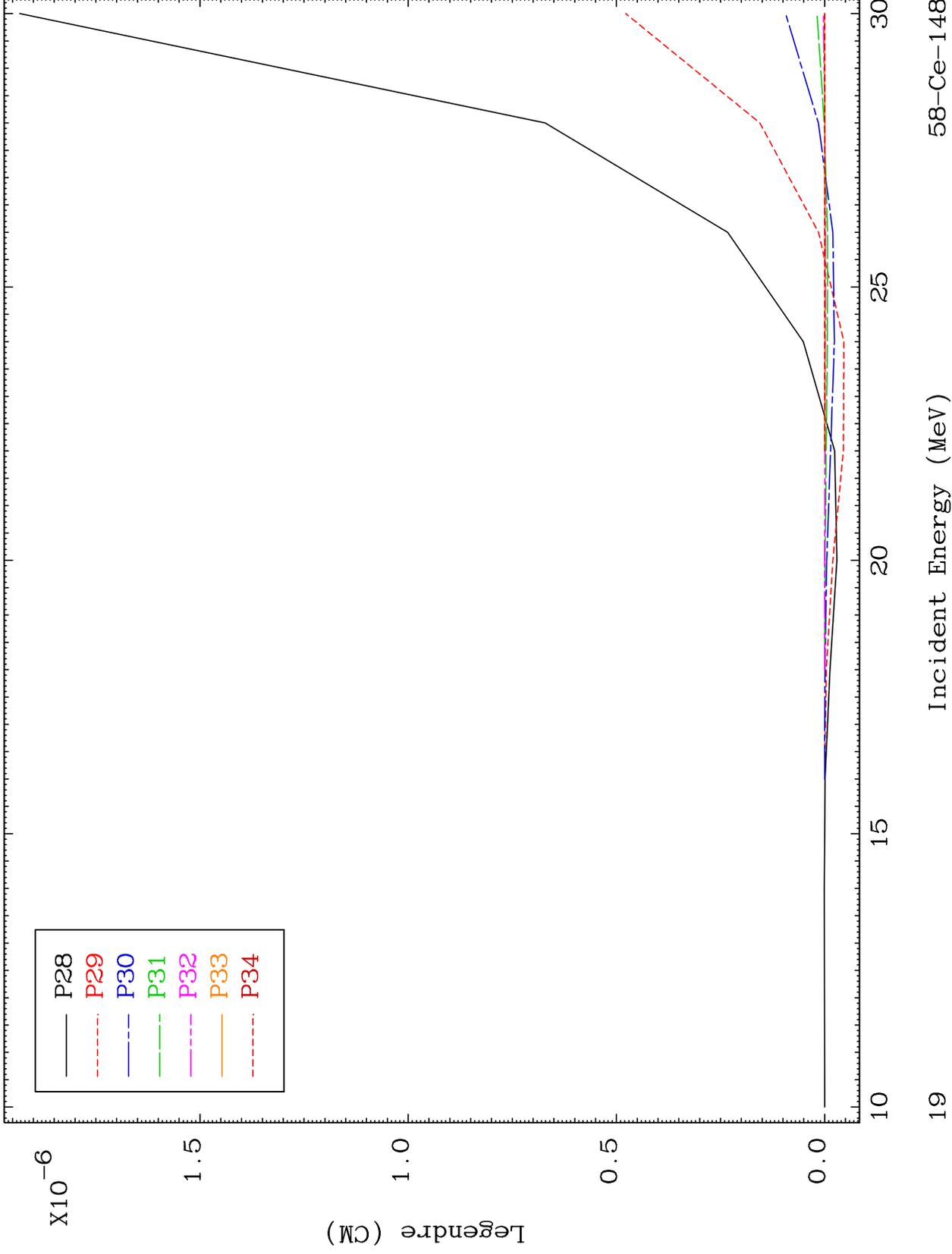




MAT 5861

Elastic
Legendre Coefficients

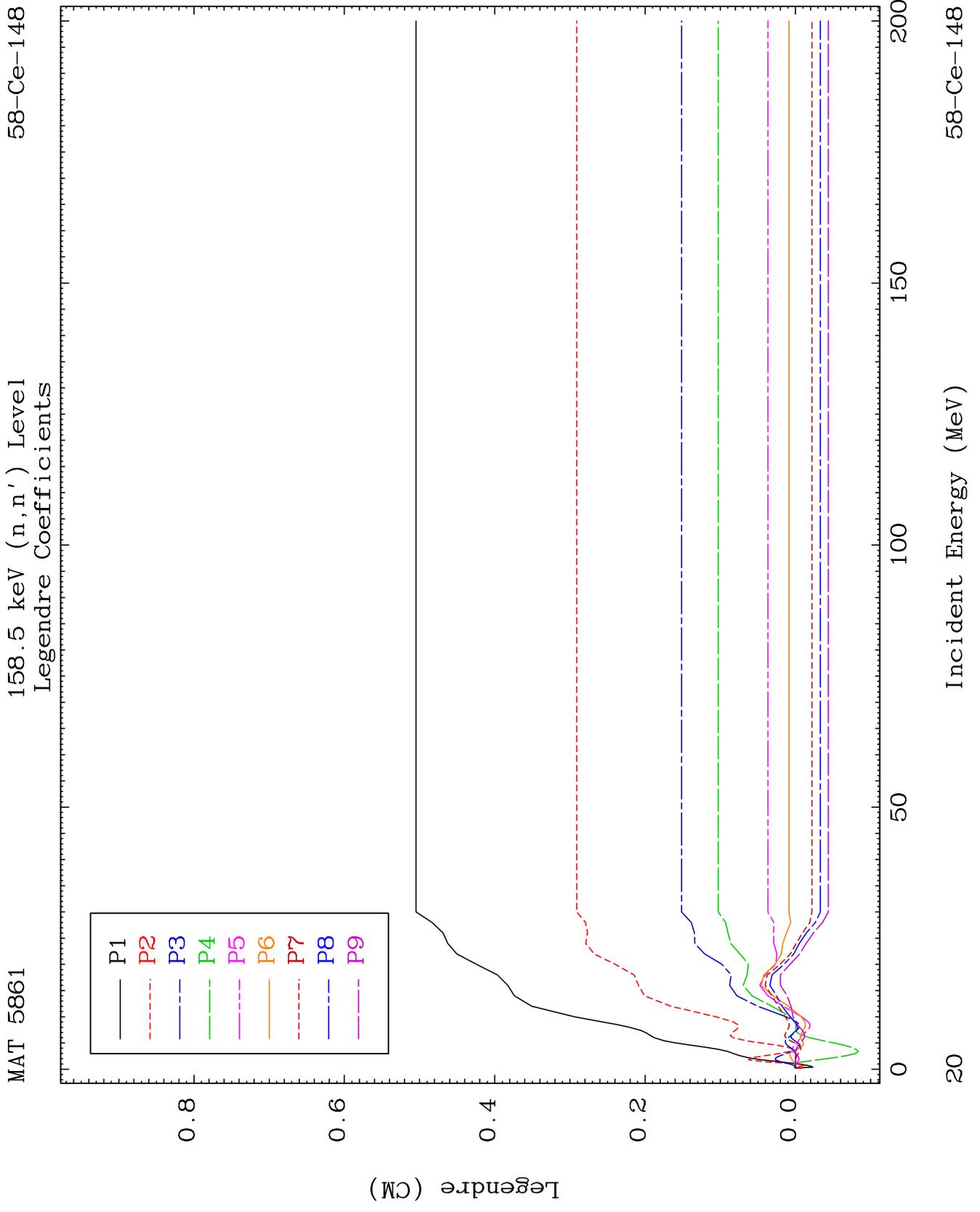
58-Ce-148

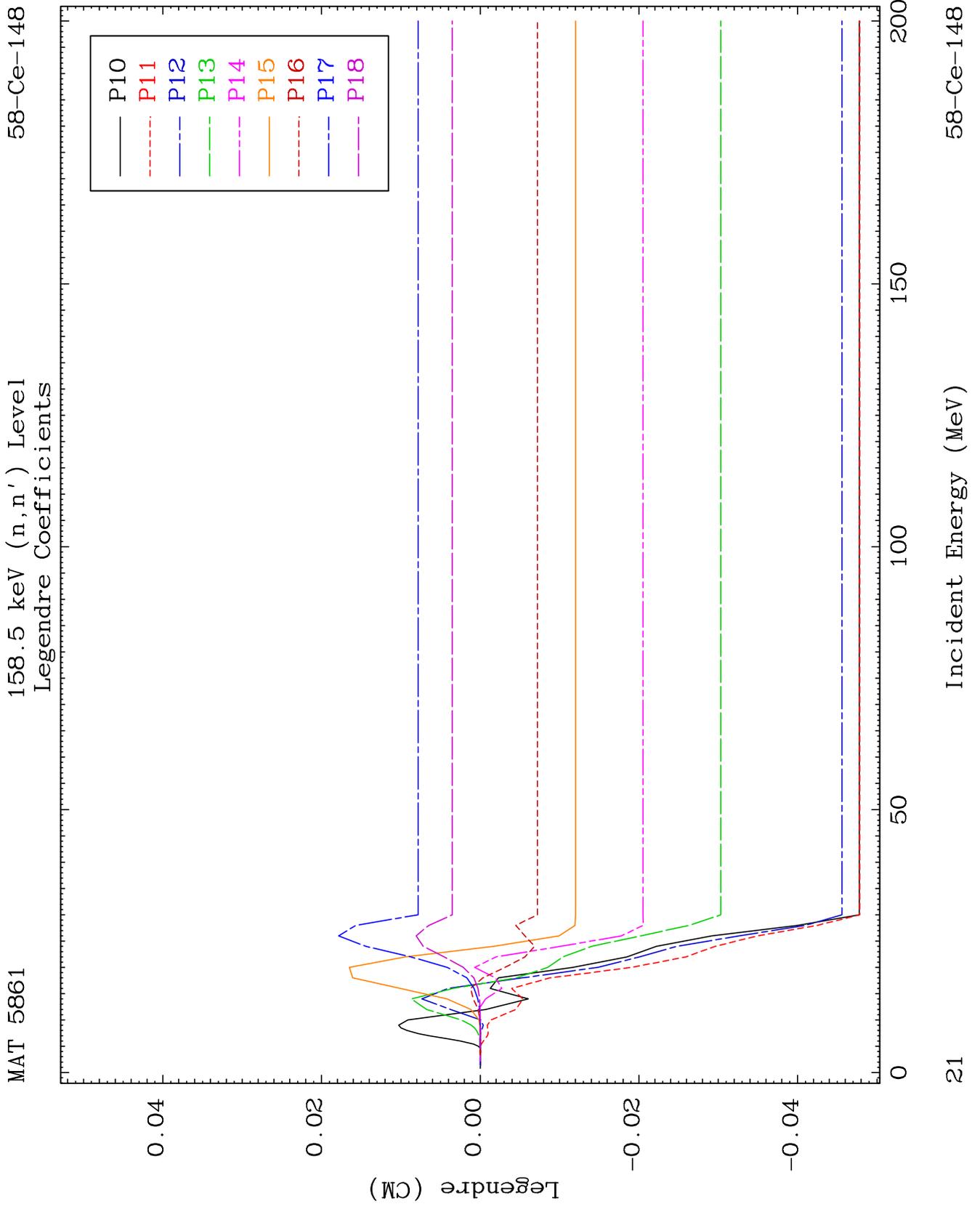


19

Incident Energy (MeV)

58-Ce-148

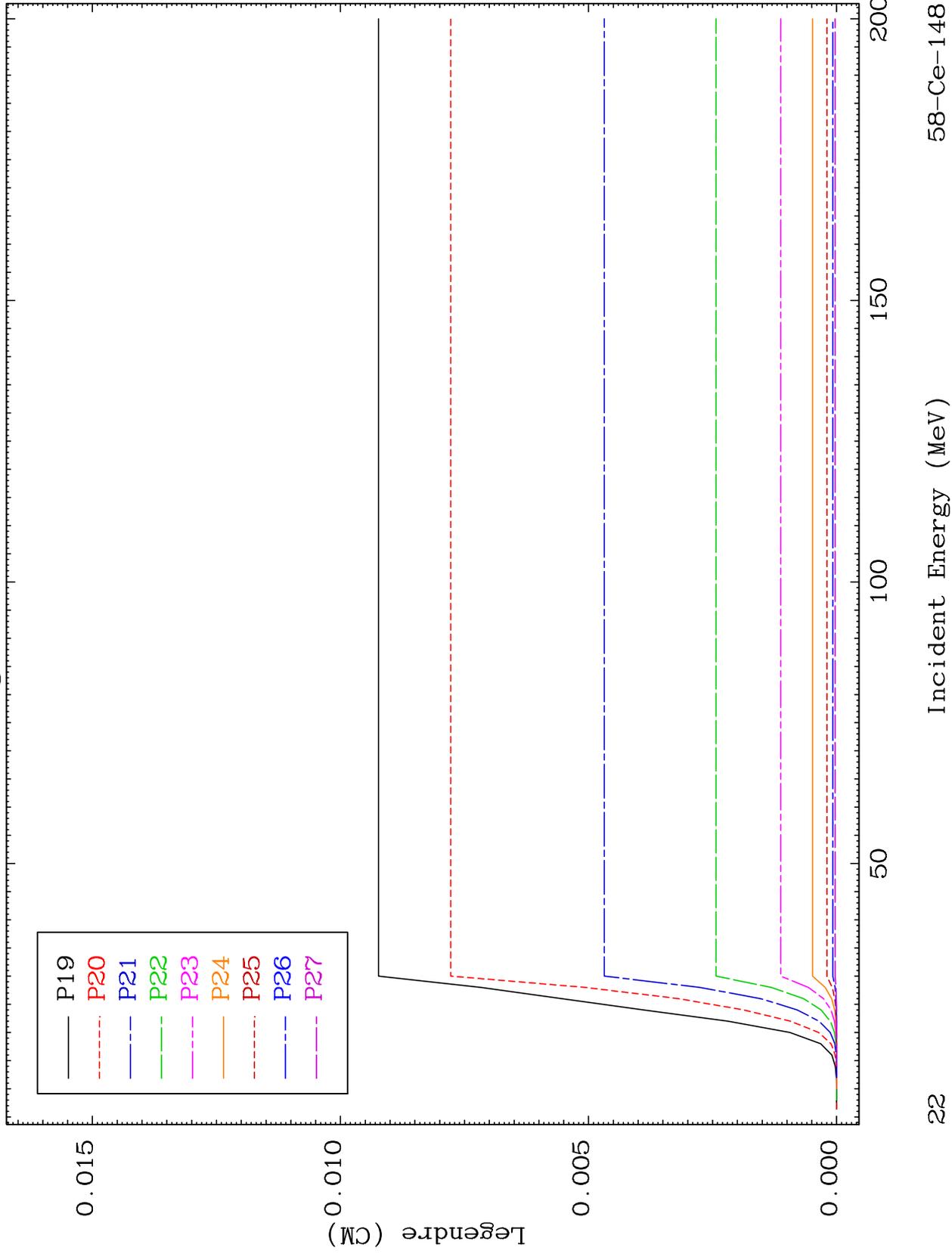




MAT 5861

158.5 keV (n, n') Level
Legendre Coefficients

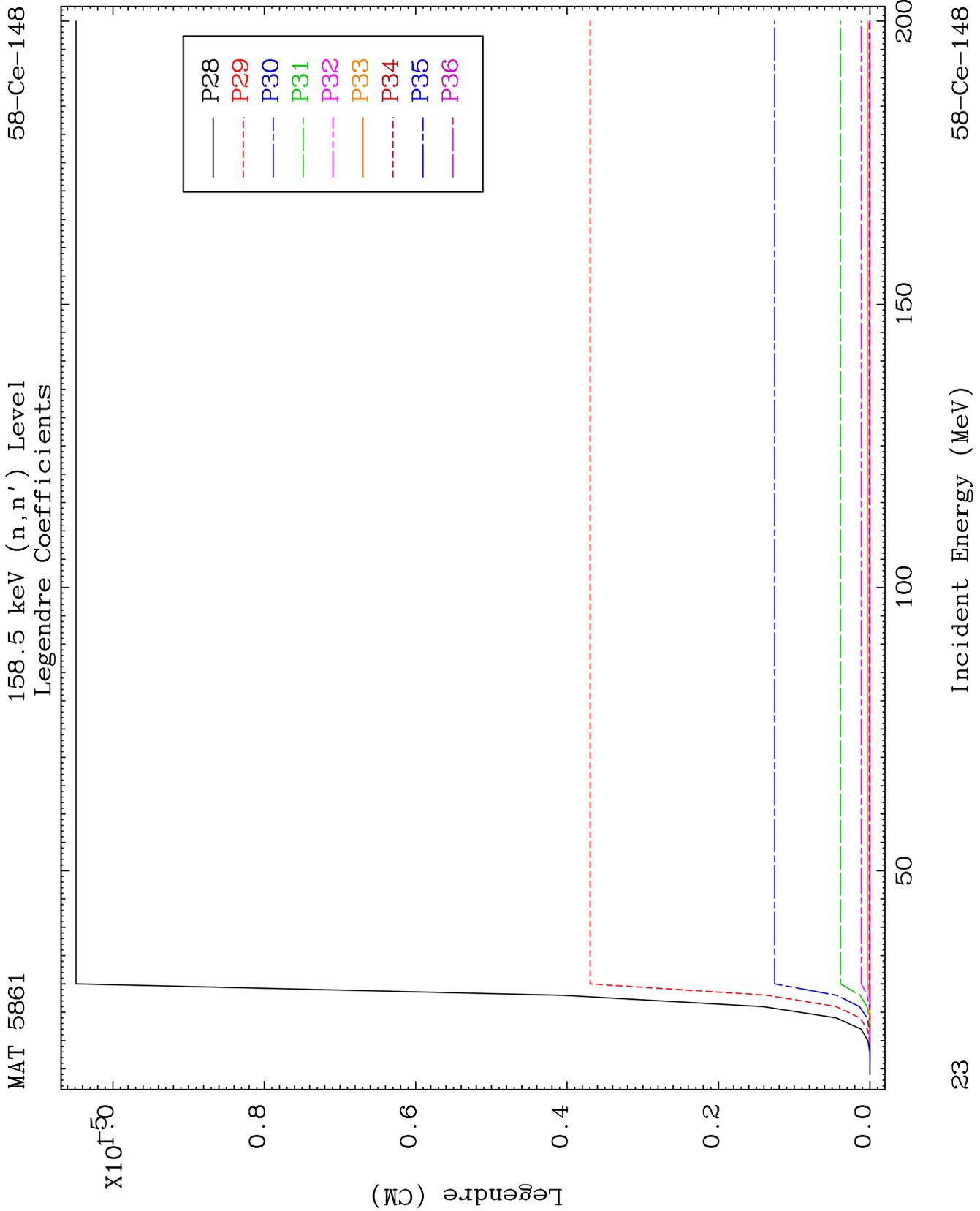
58-Ce-148

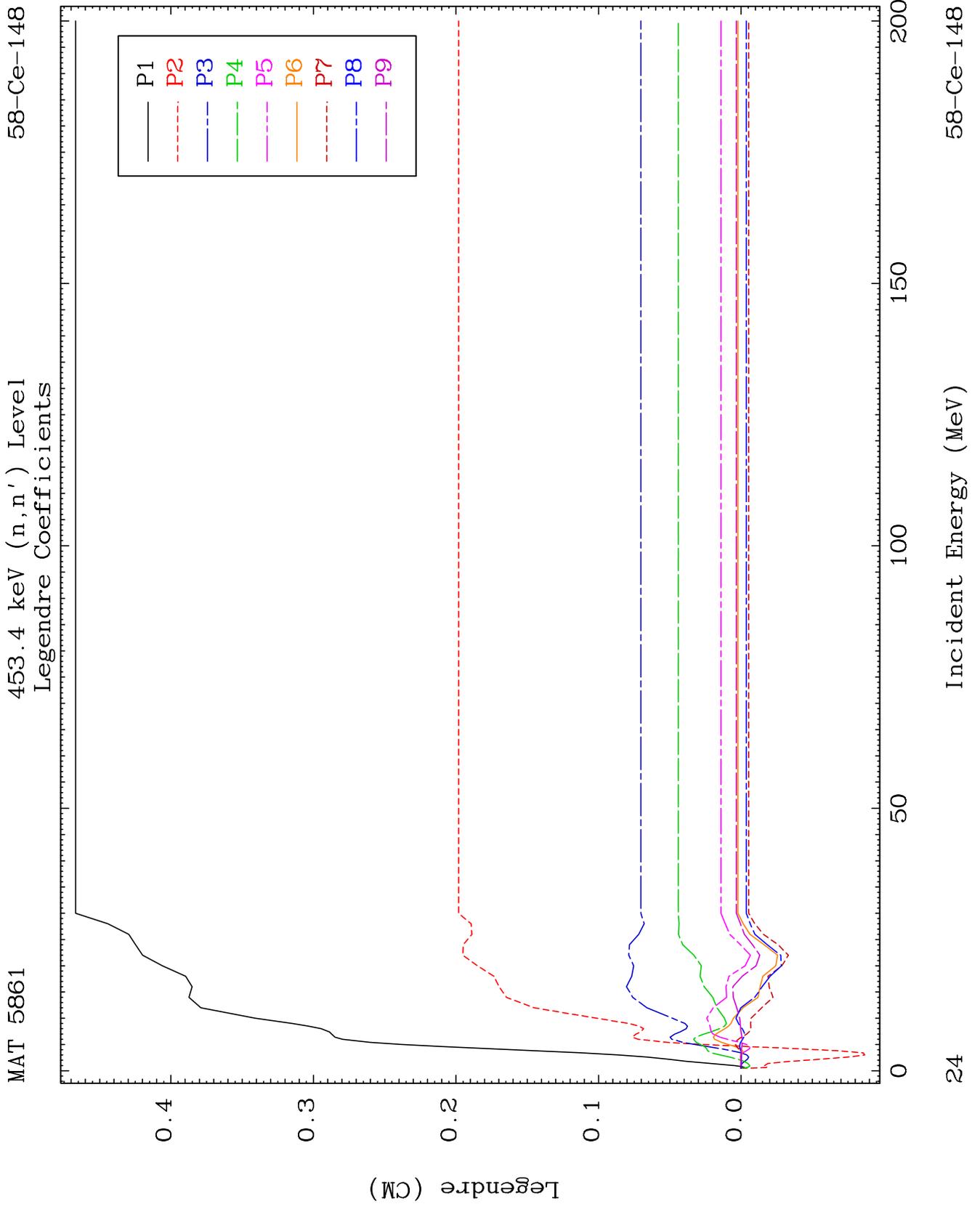


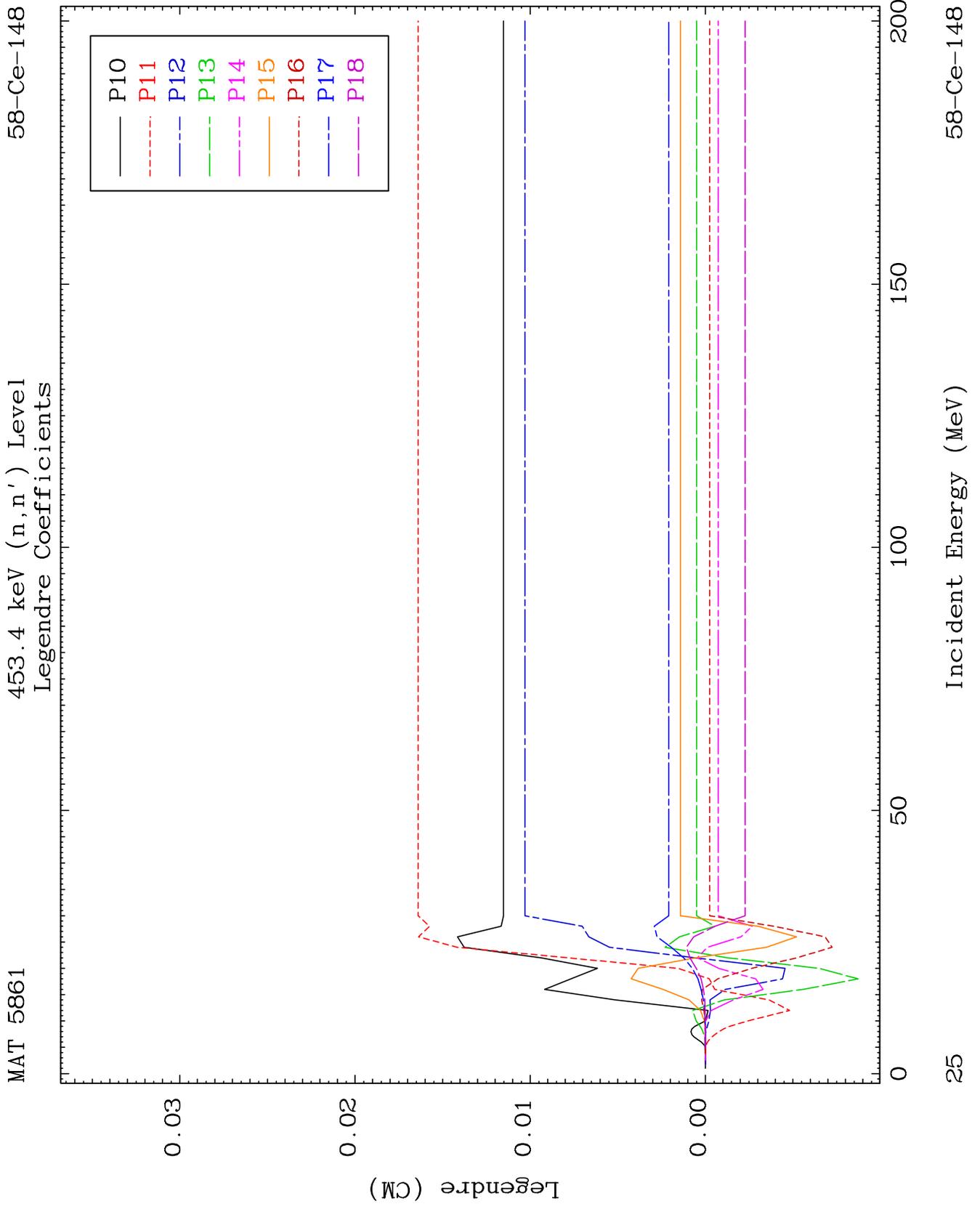
22

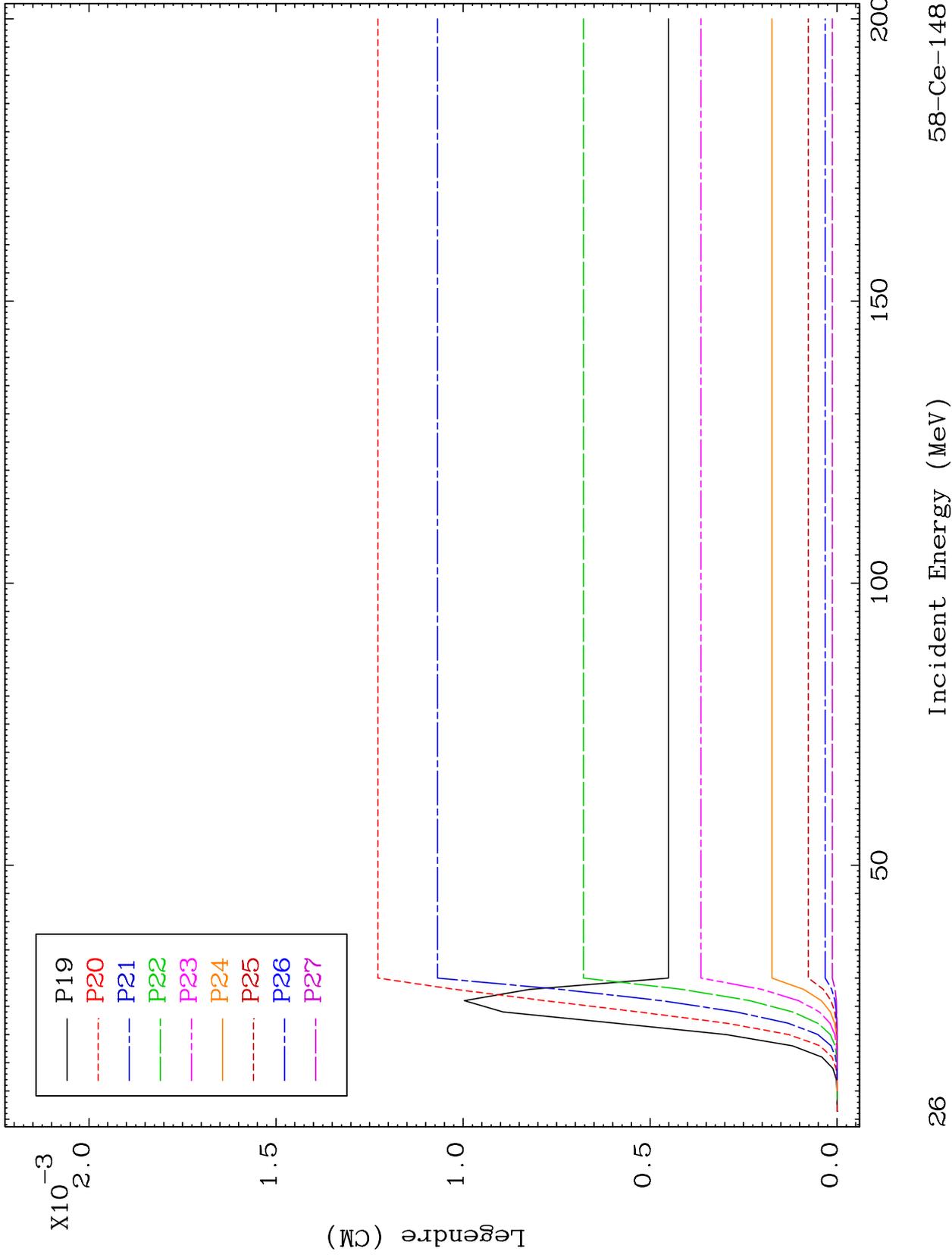
Incident Energy (MeV)

58-Ce-148





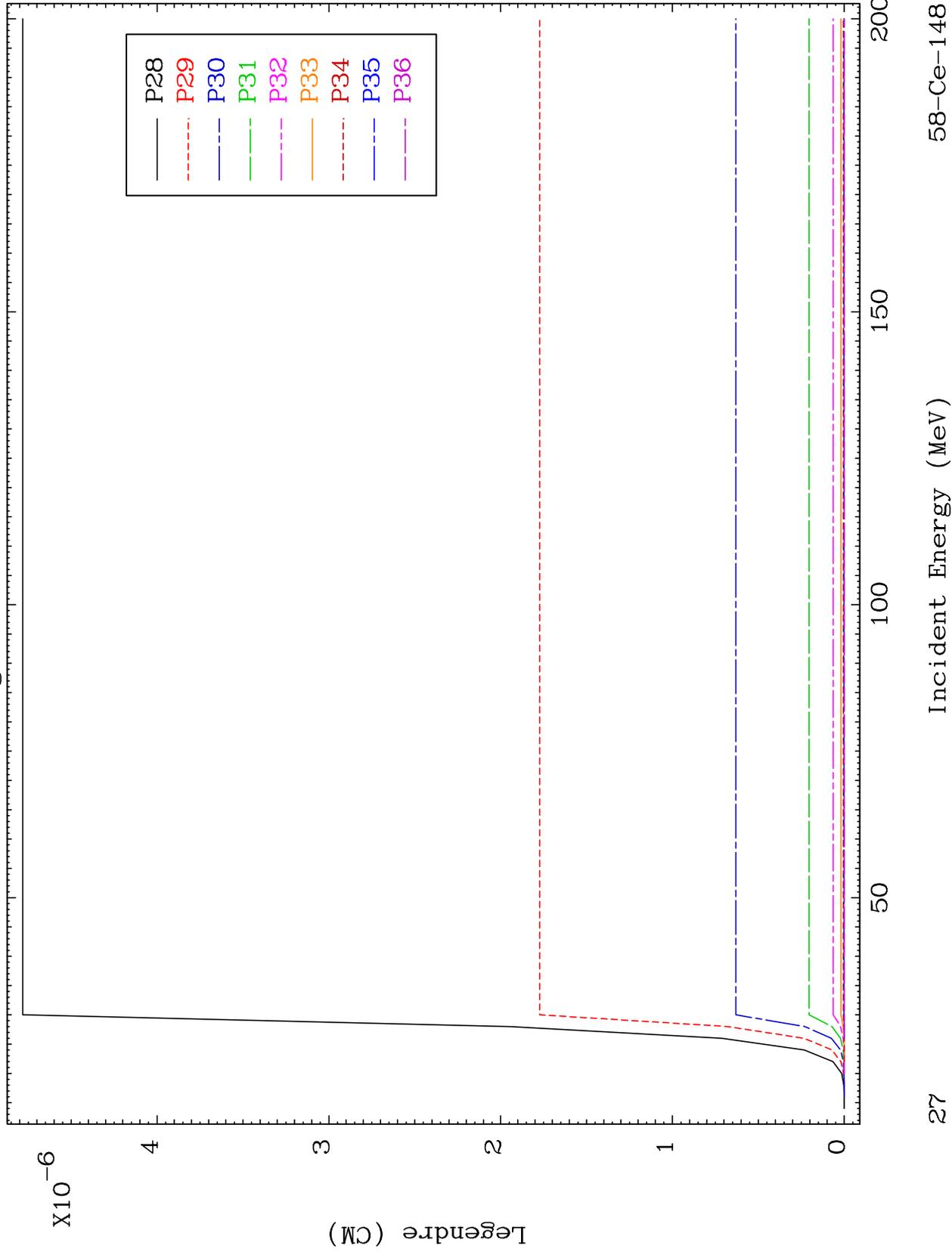




MAT 5861

453.4 keV (n, n') Level
Legendre Coefficients

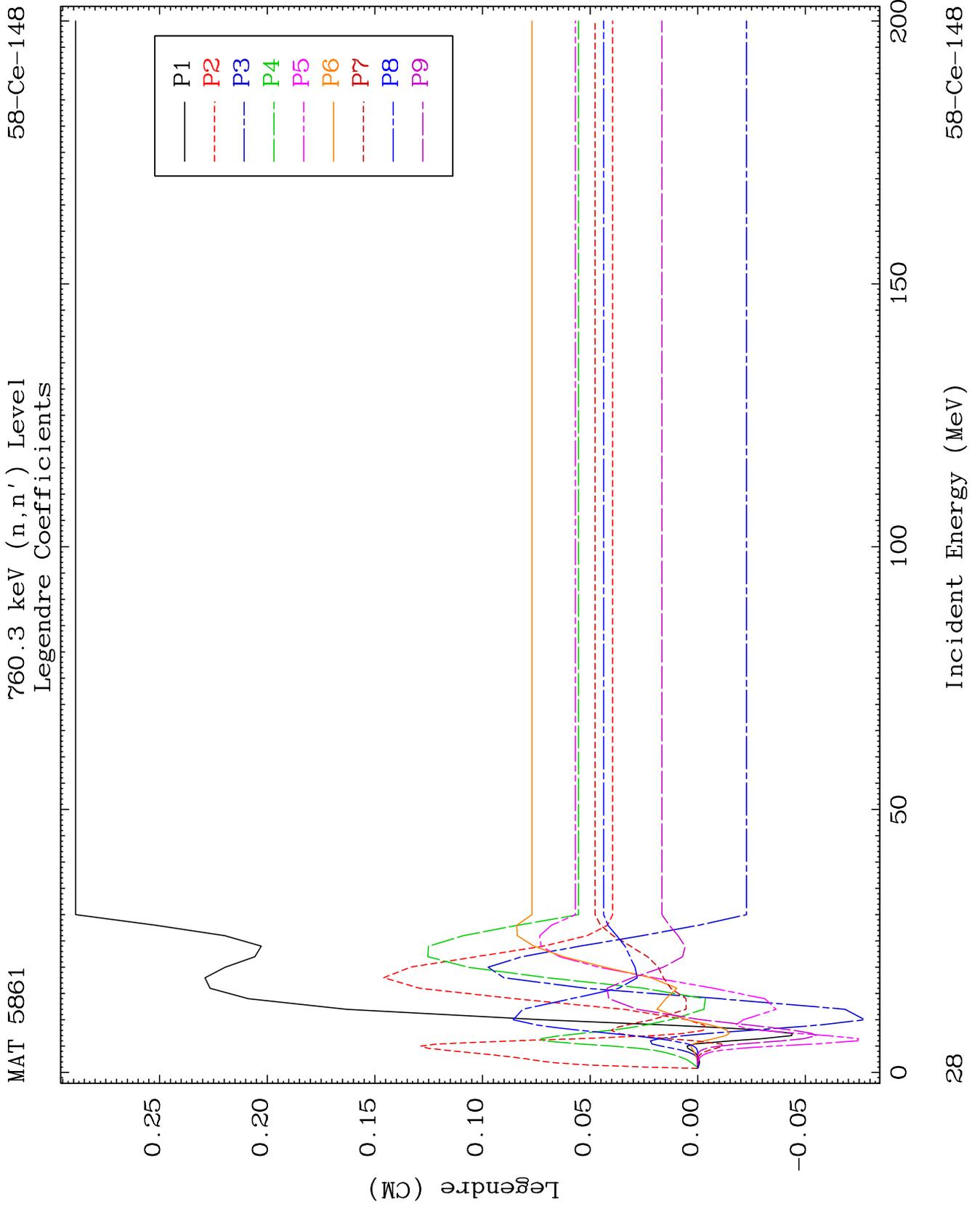
58-Ce-148

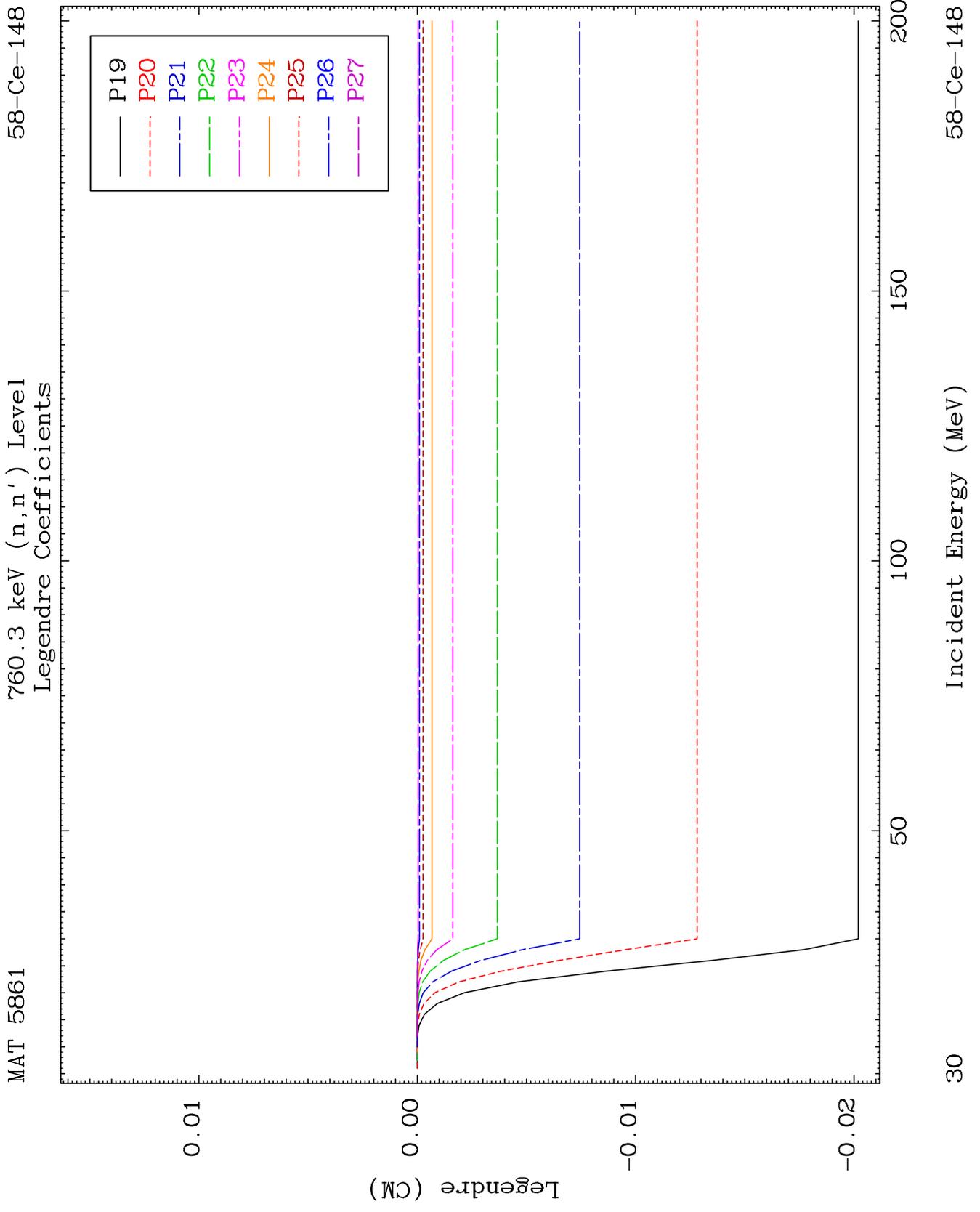


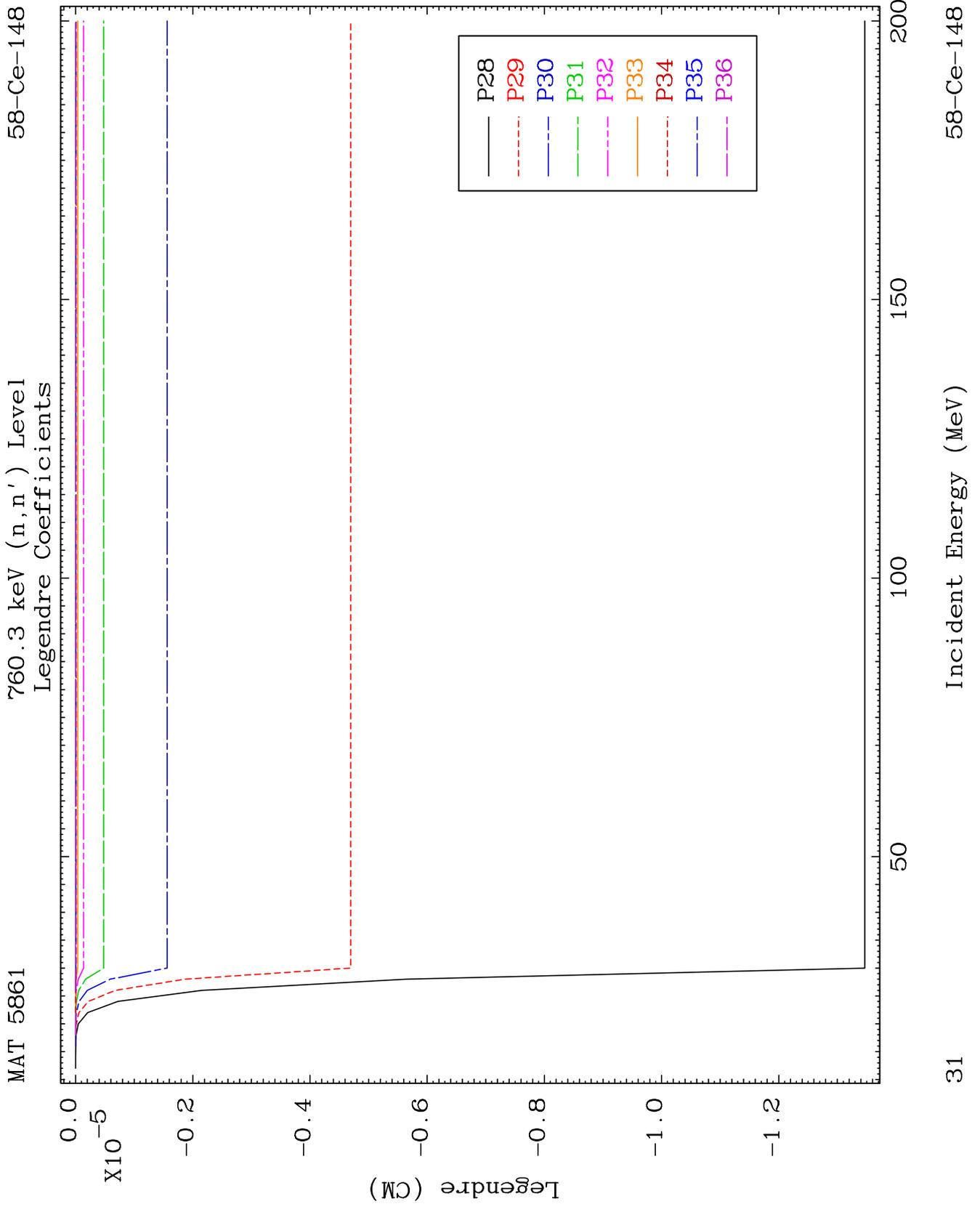
27

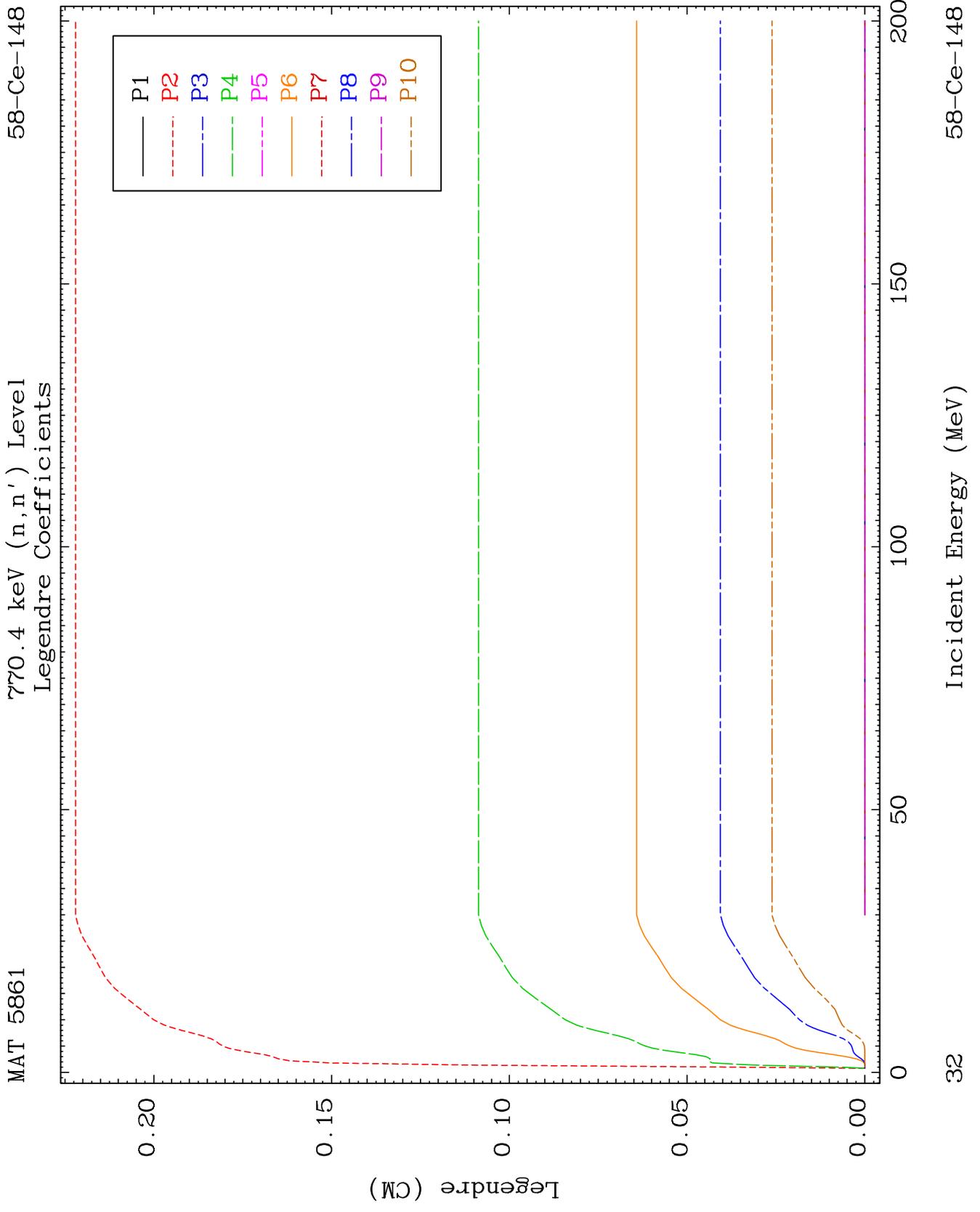
Incident Energy (MeV)

58-Ce-148





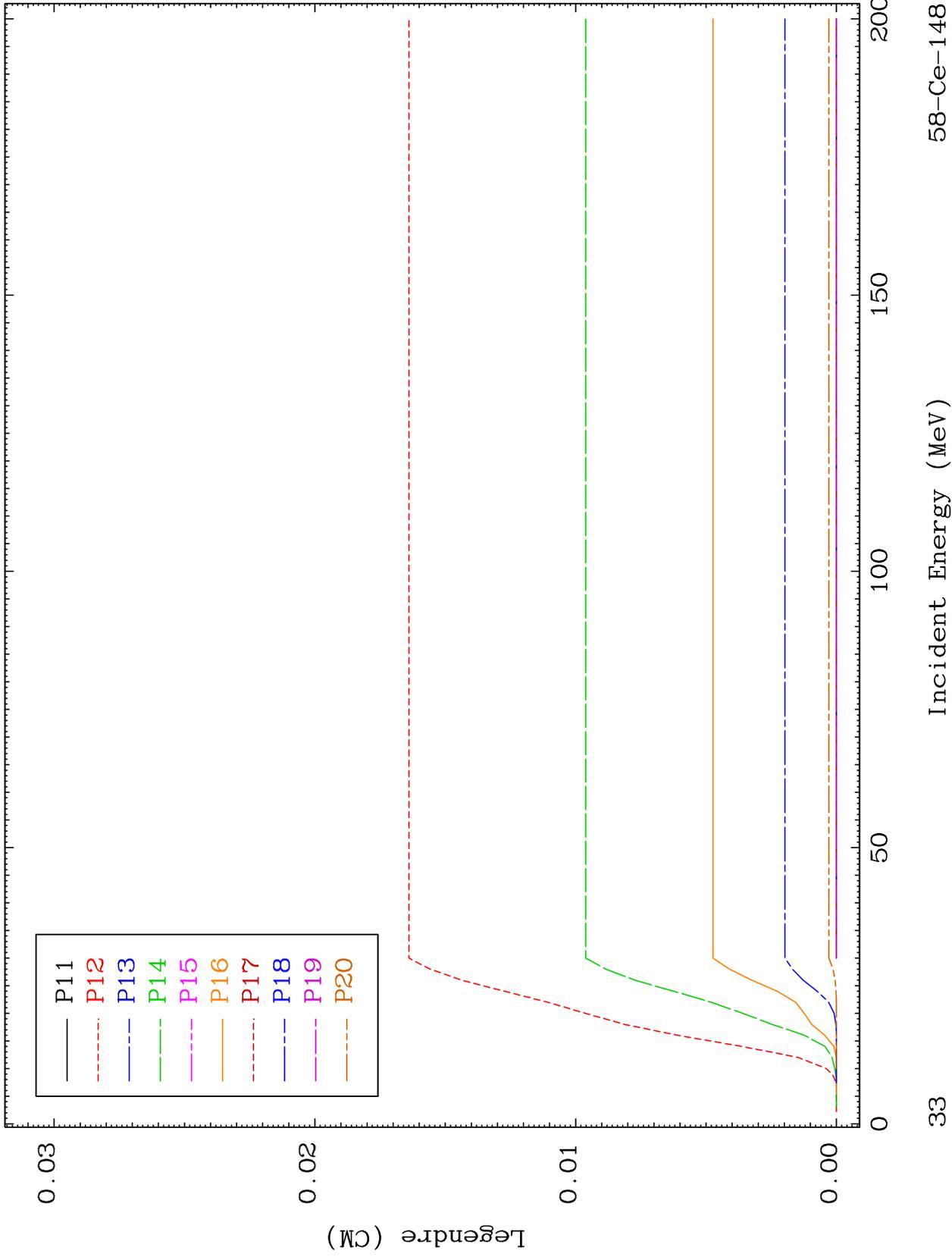




MAT 5861

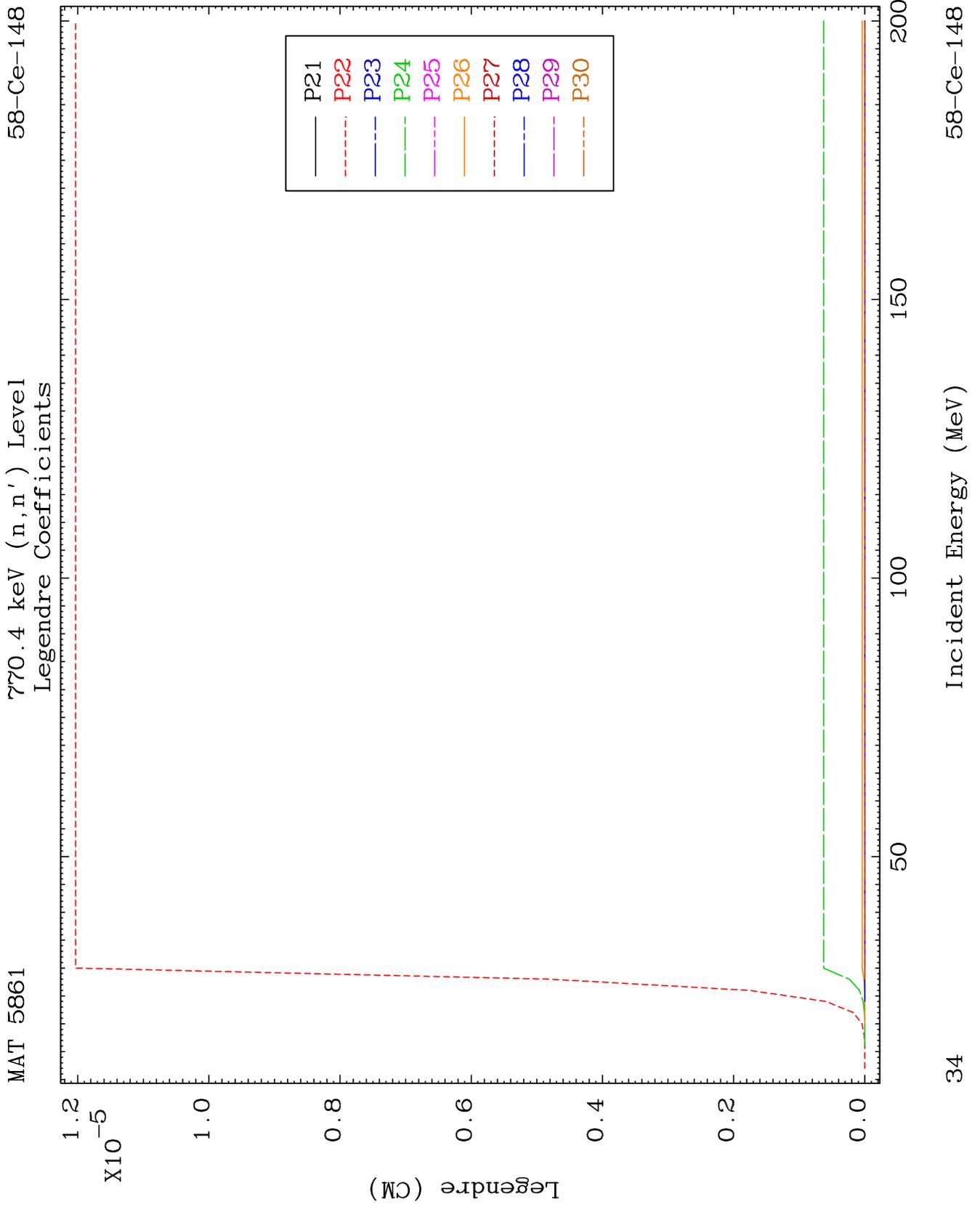
770.4 keV (n,n') Level
Legendre Coefficients

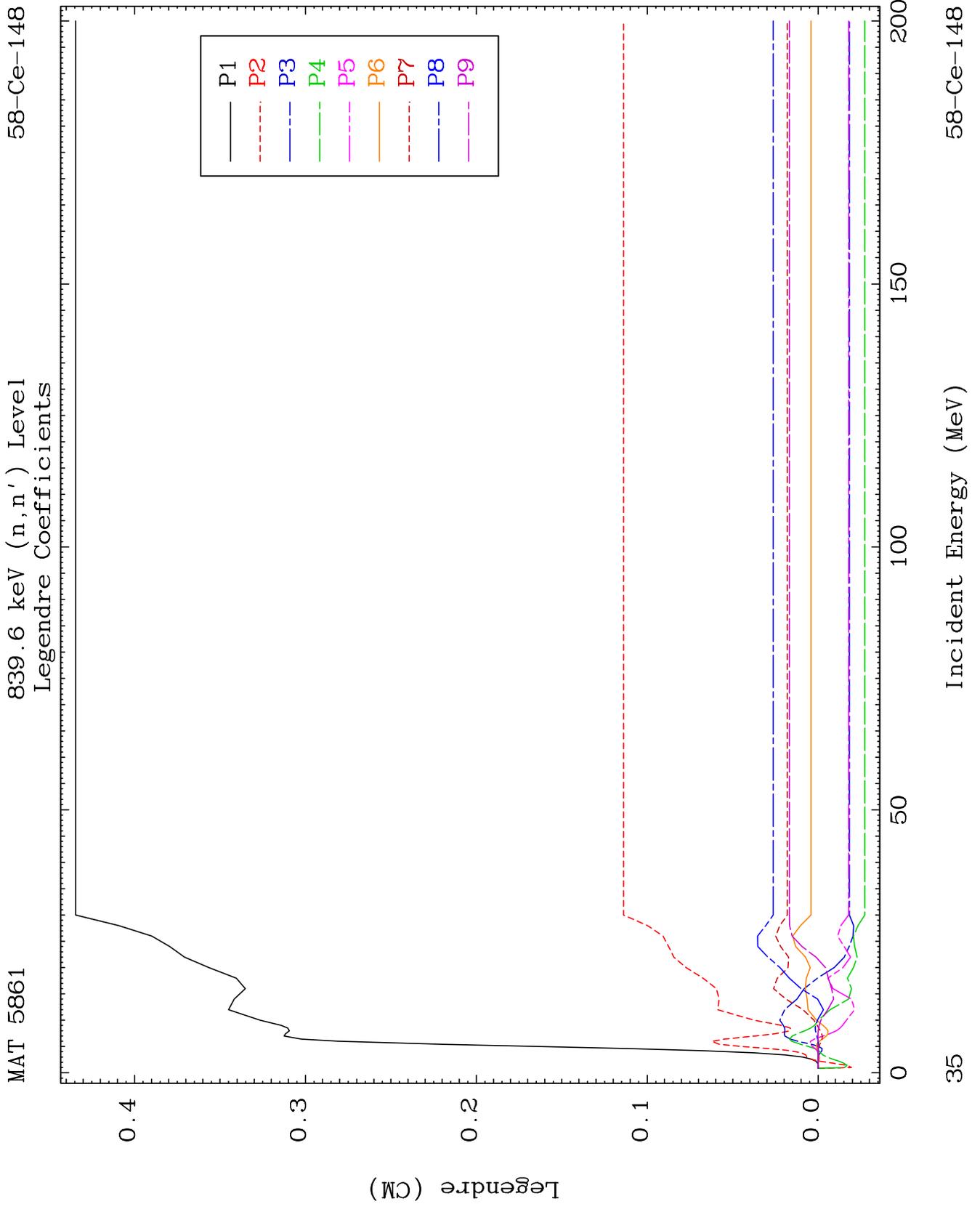
58-Ce-148



33

58-Ce-148

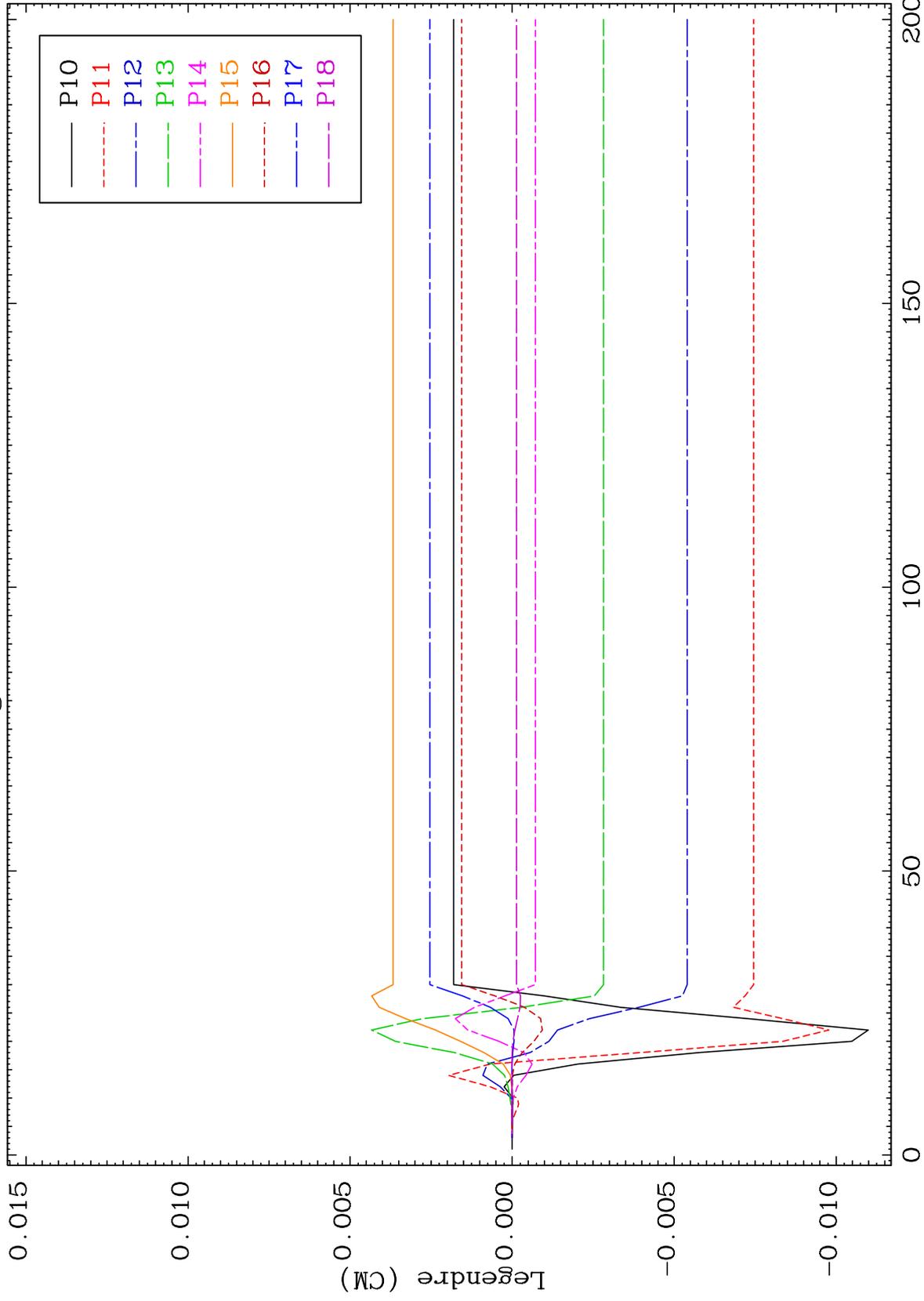




MAT 5861

839.6 keV (n,n') Level
Legendre Coefficients

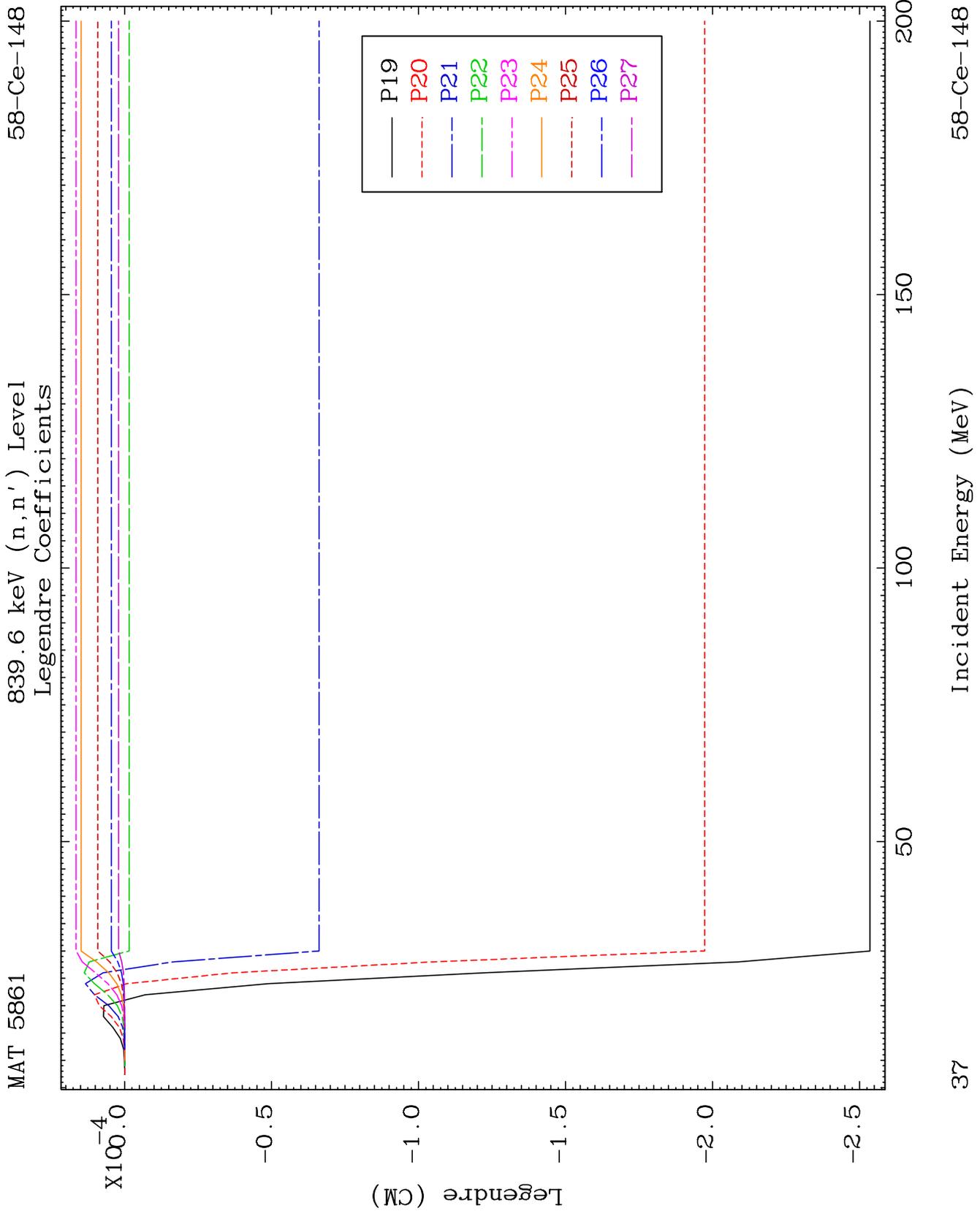
58-Ce-148

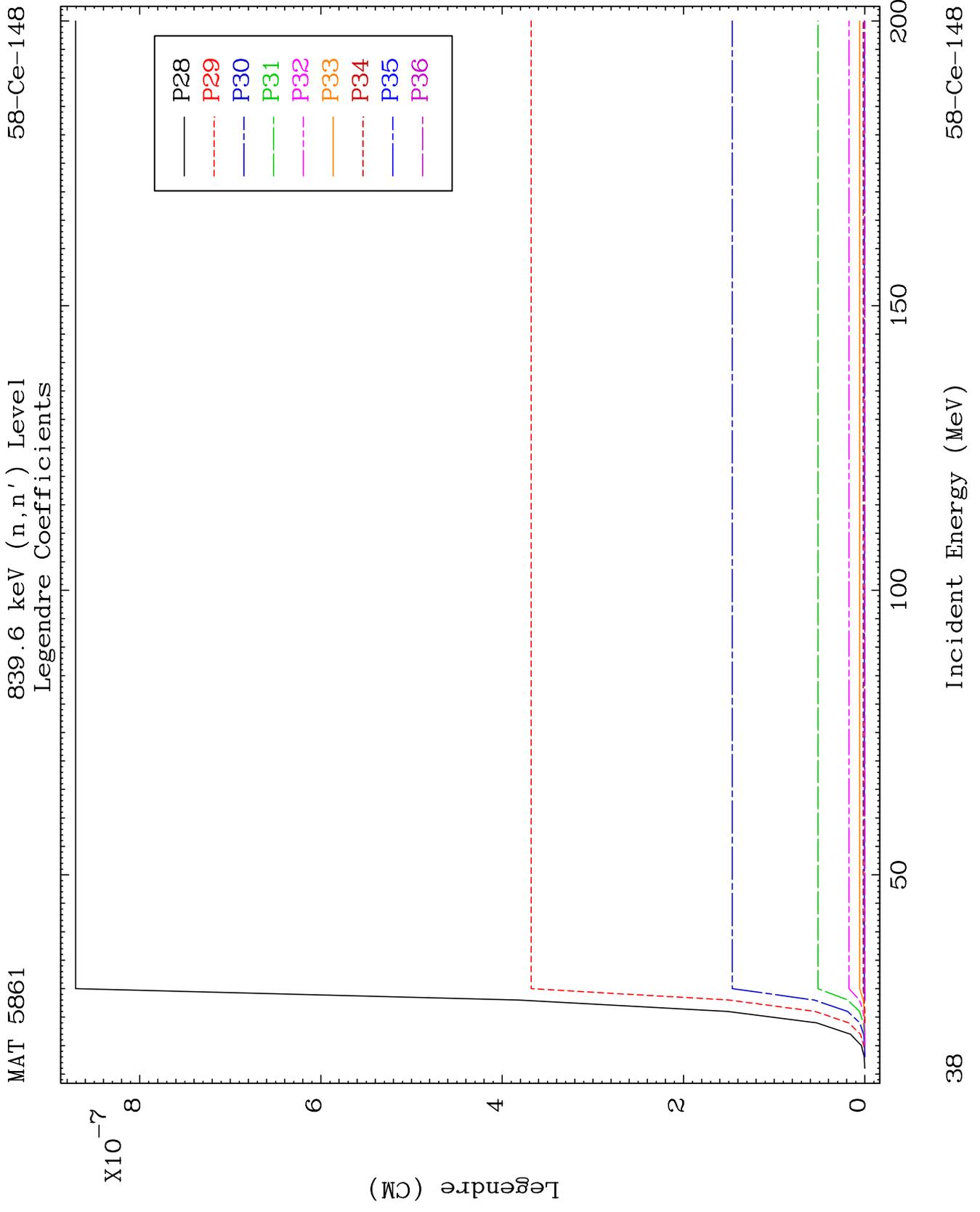


36

Incident Energy (MeV)

58-Ce-148

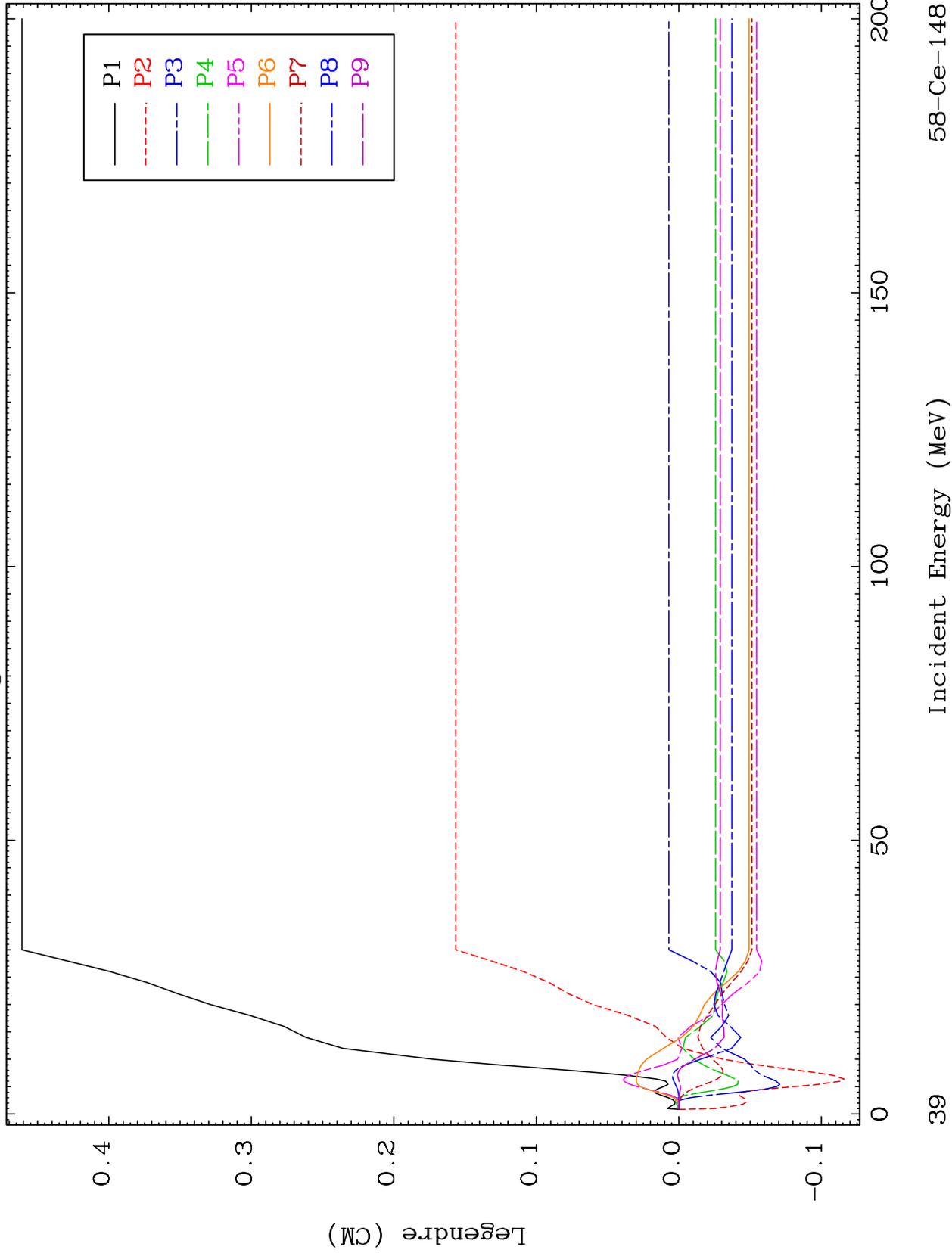




MAT 5861

841.4 keV (n,n') Level
Legendre Coefficients

58-Ce-148



58-Ce-148

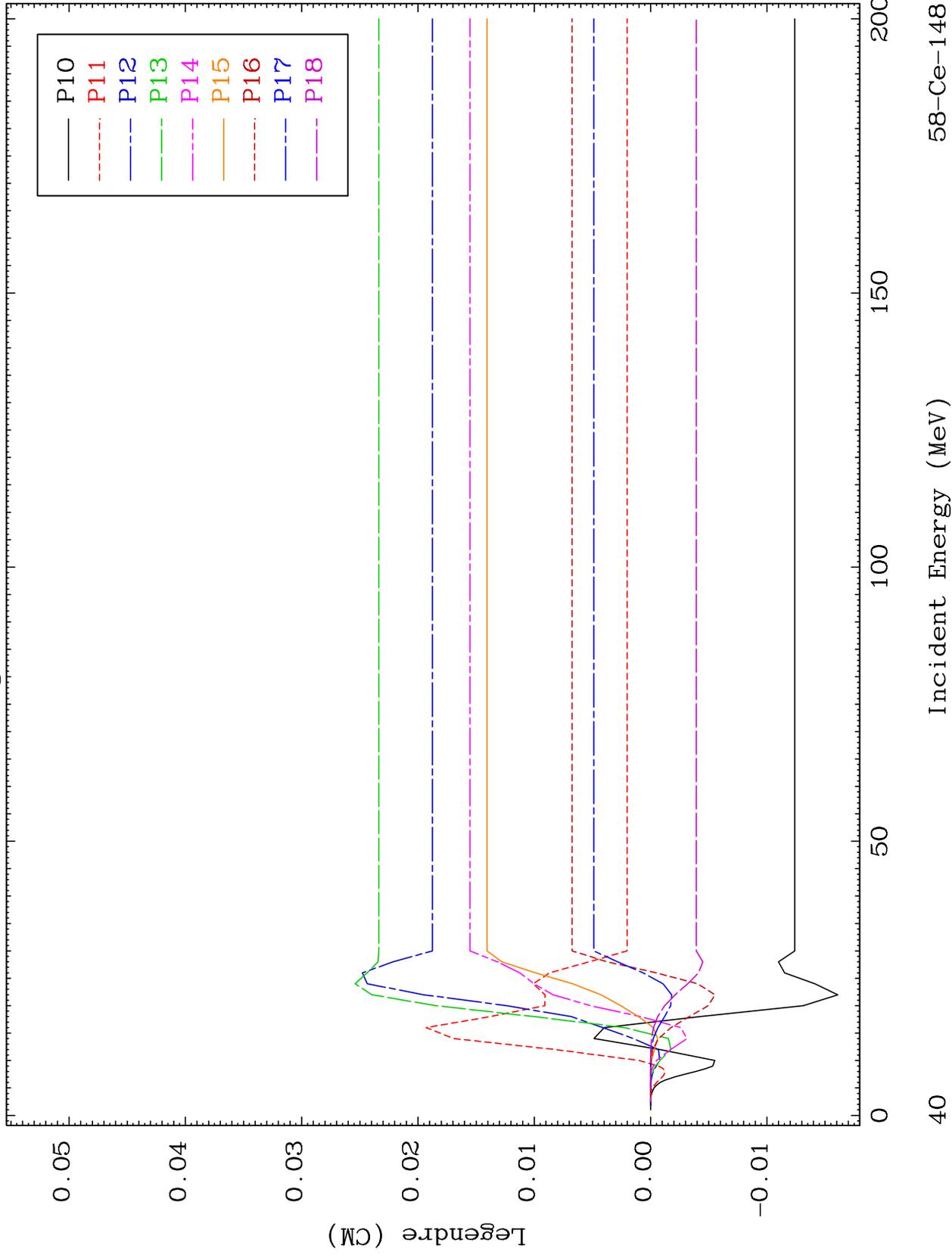
Incident Energy (MeV)

39

MAT 5861

841.4 keV (n,n') Level
Legendre Coefficients

58-Ce-148

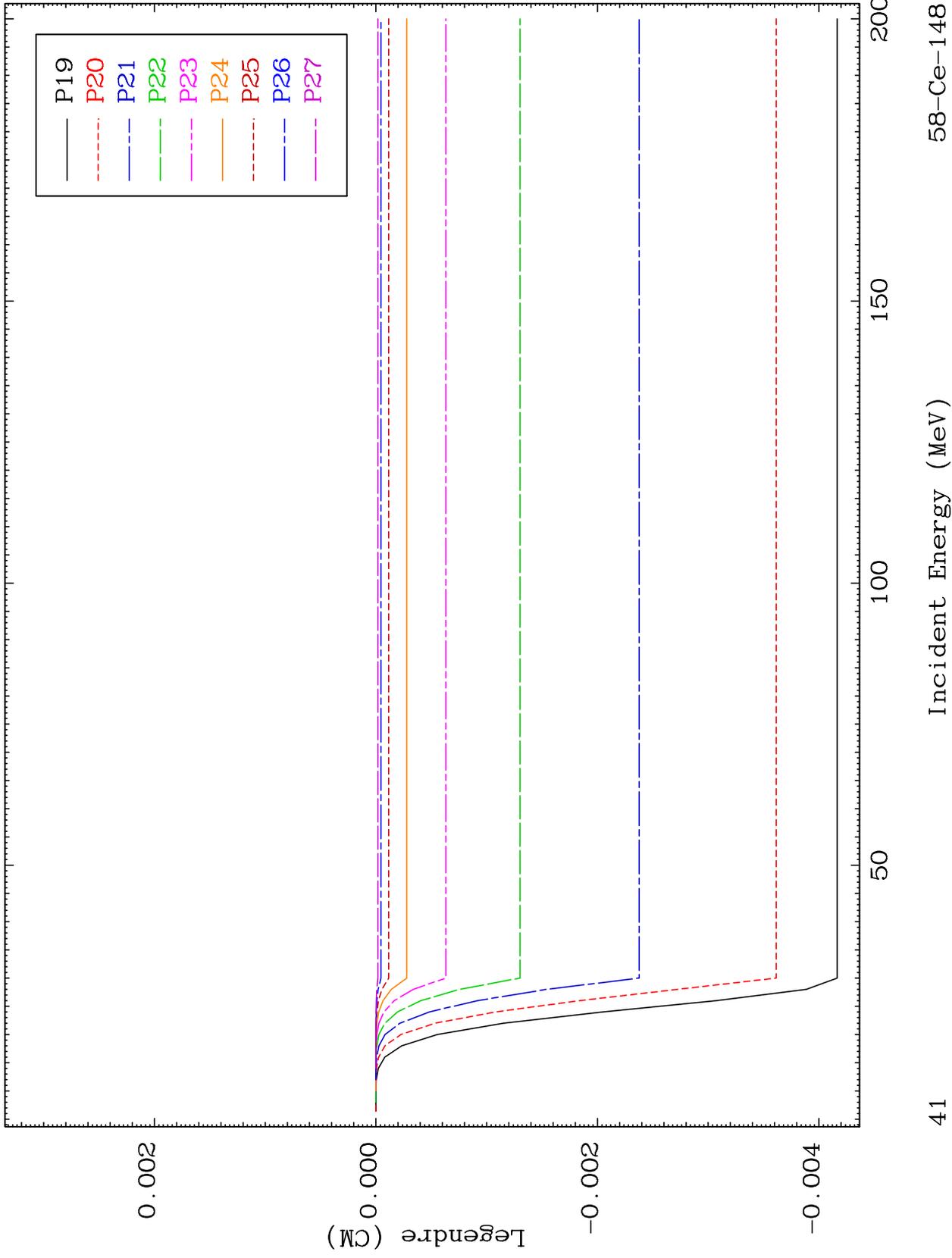


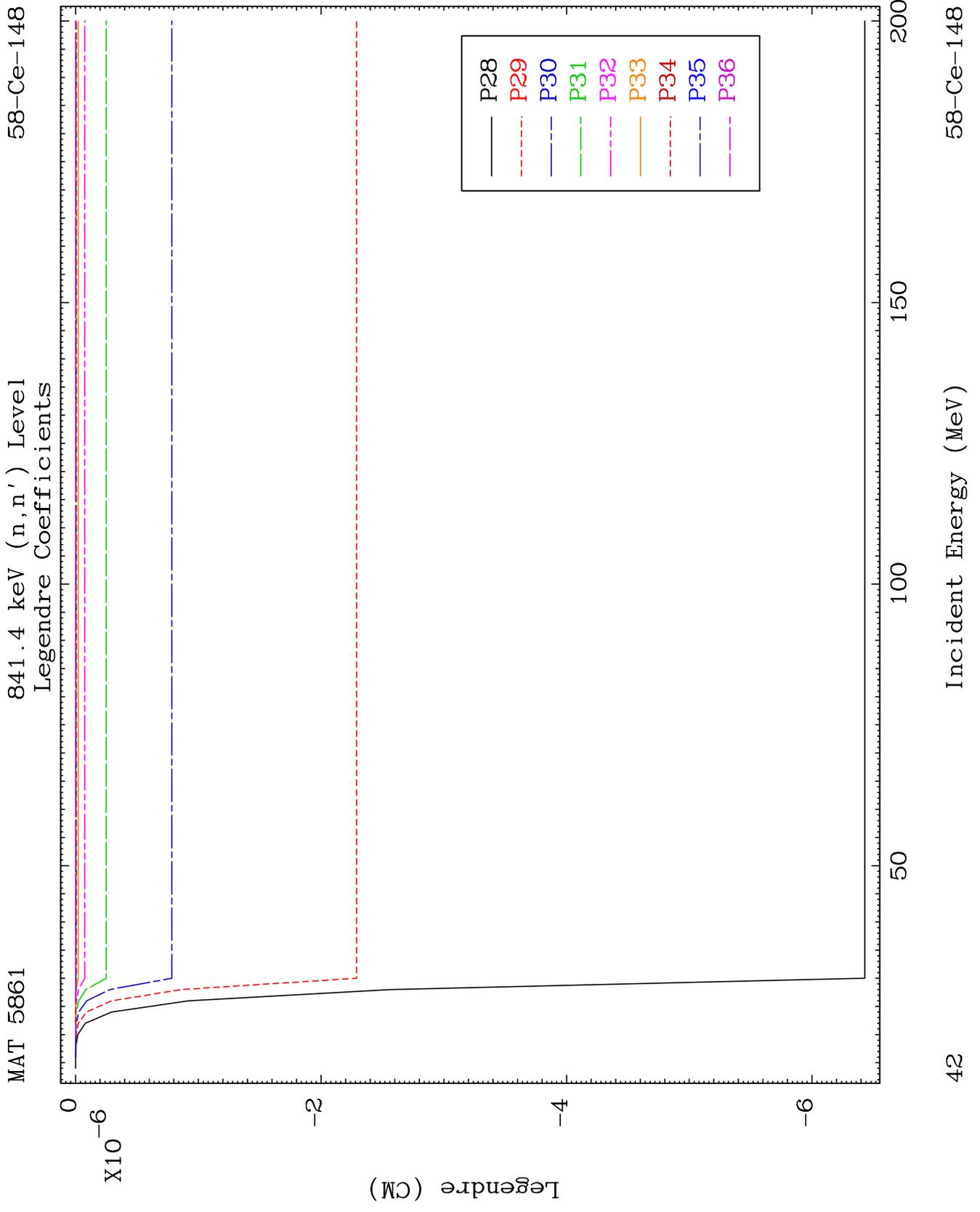
58-Ce-148

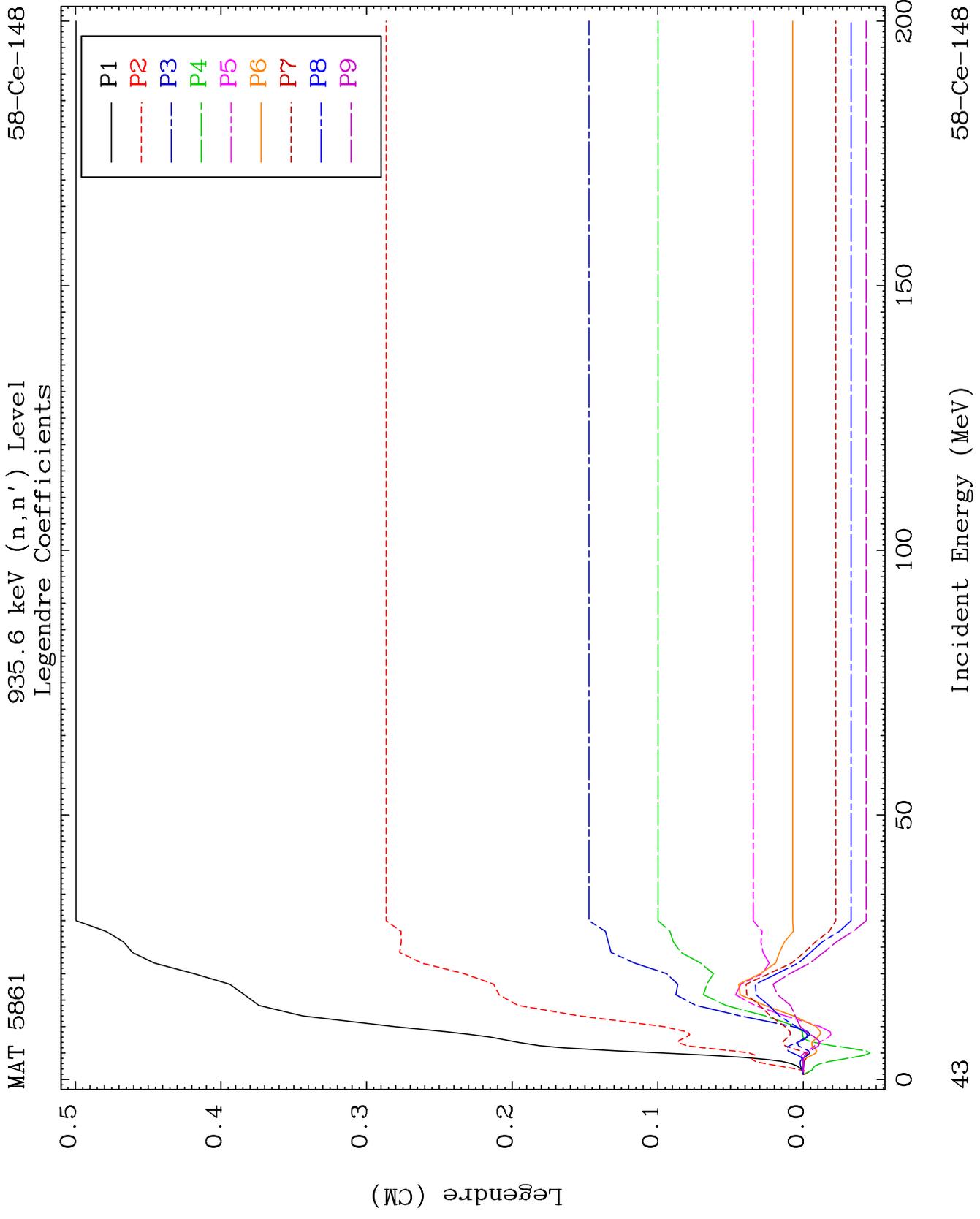
MAT 5861

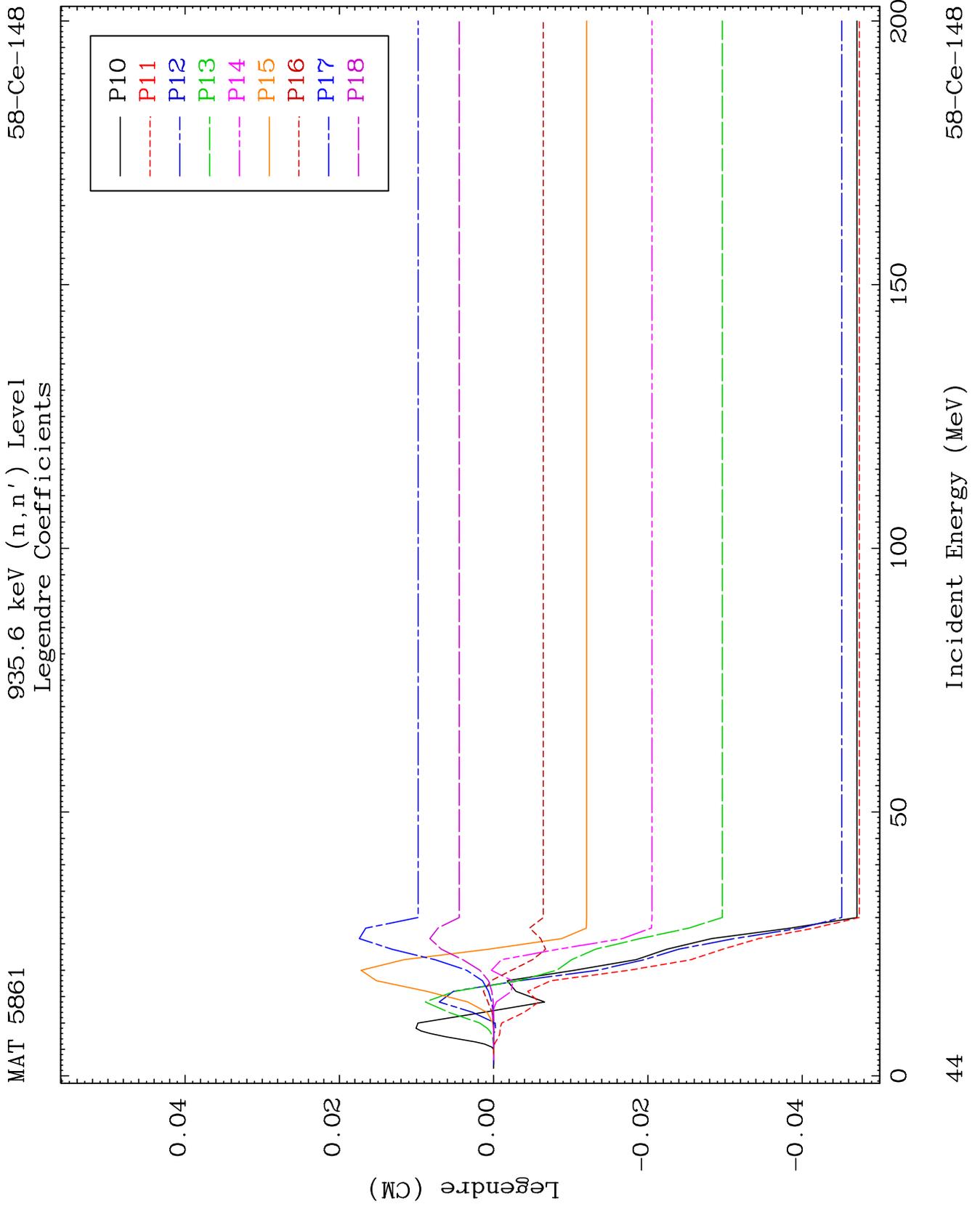
841.4 keV (n,n') Level
Legendre Coefficients

58-Ce-148





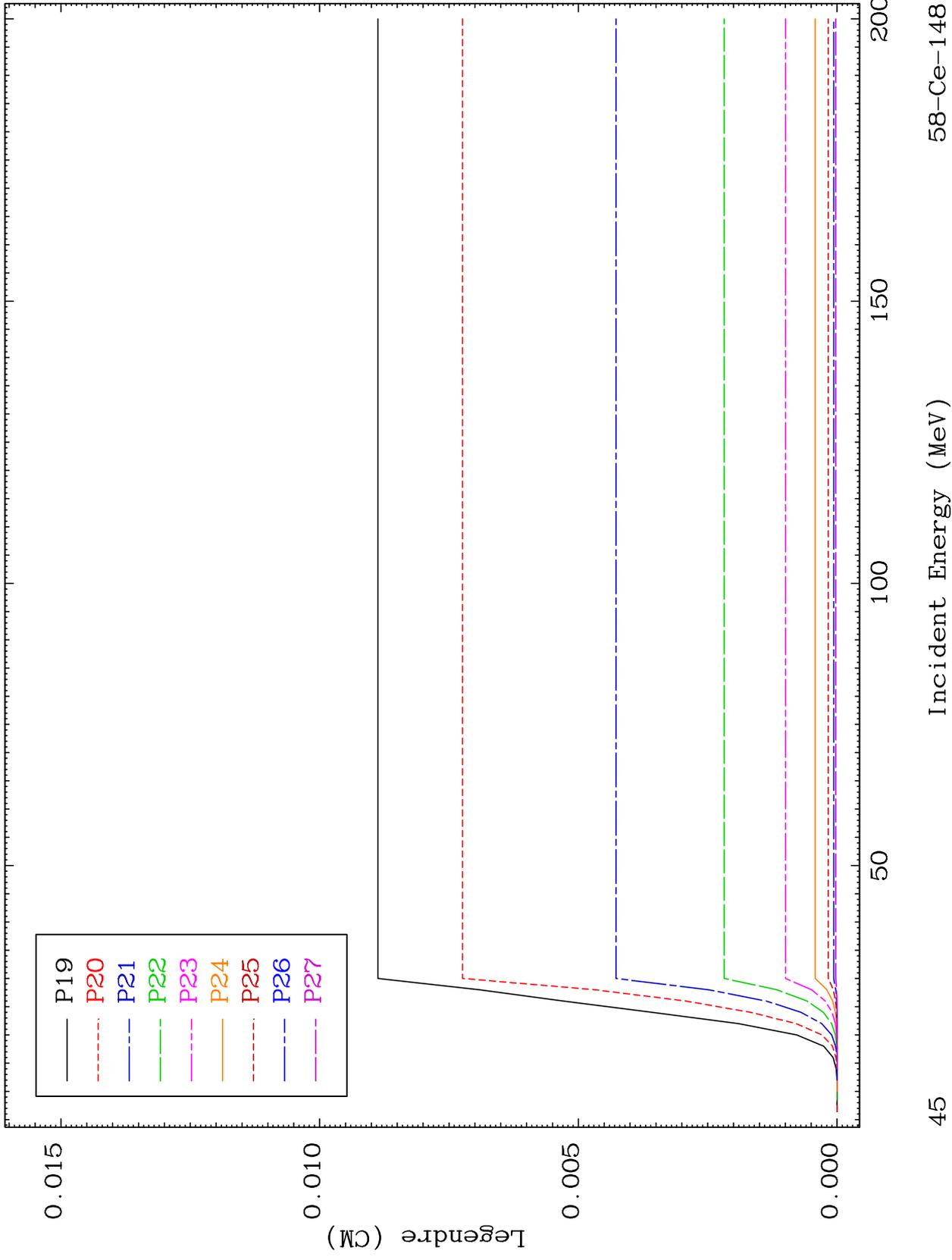




MAT 5861

935.6 keV (n,n') Level
Legendre Coefficients

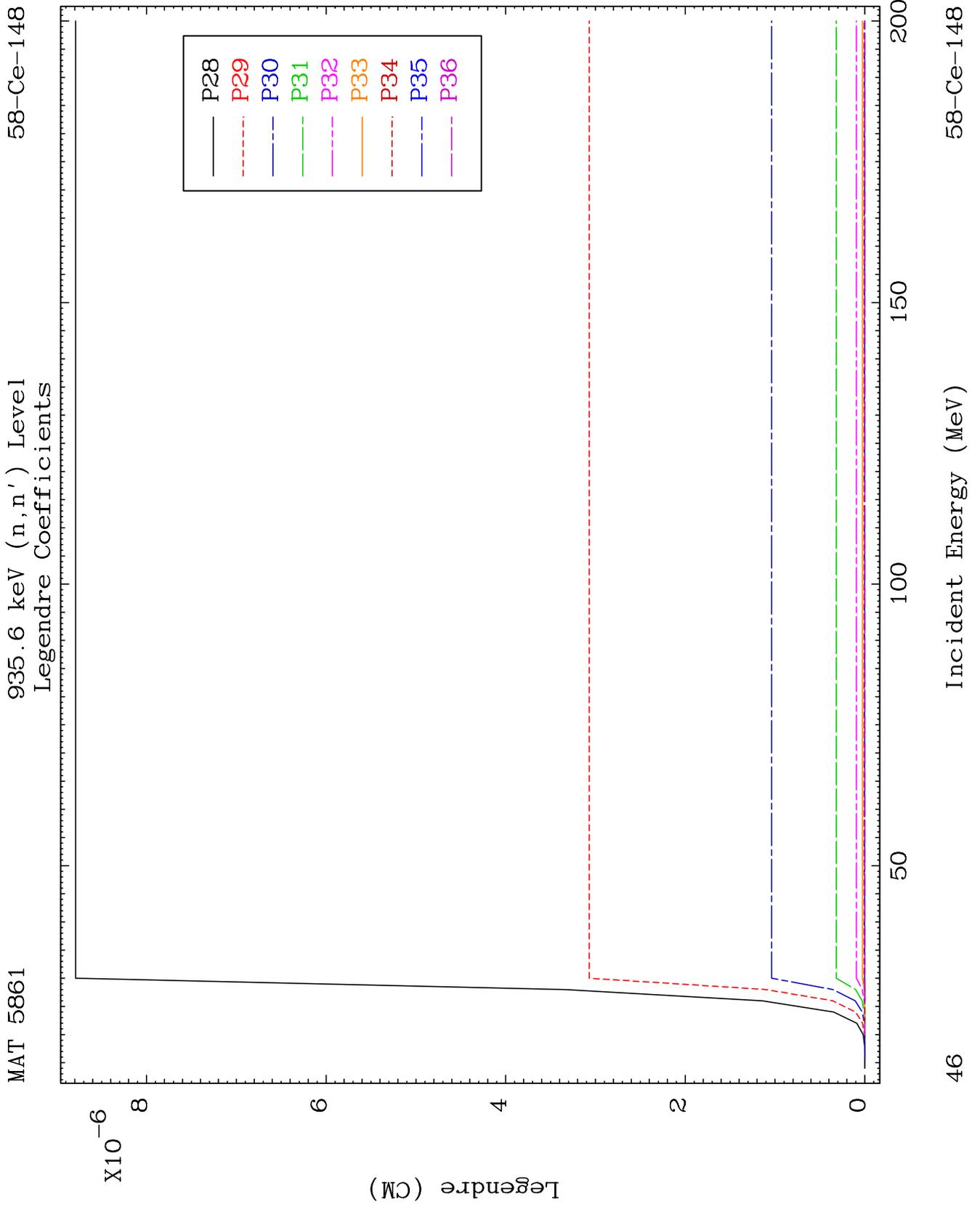
58-Ce-148

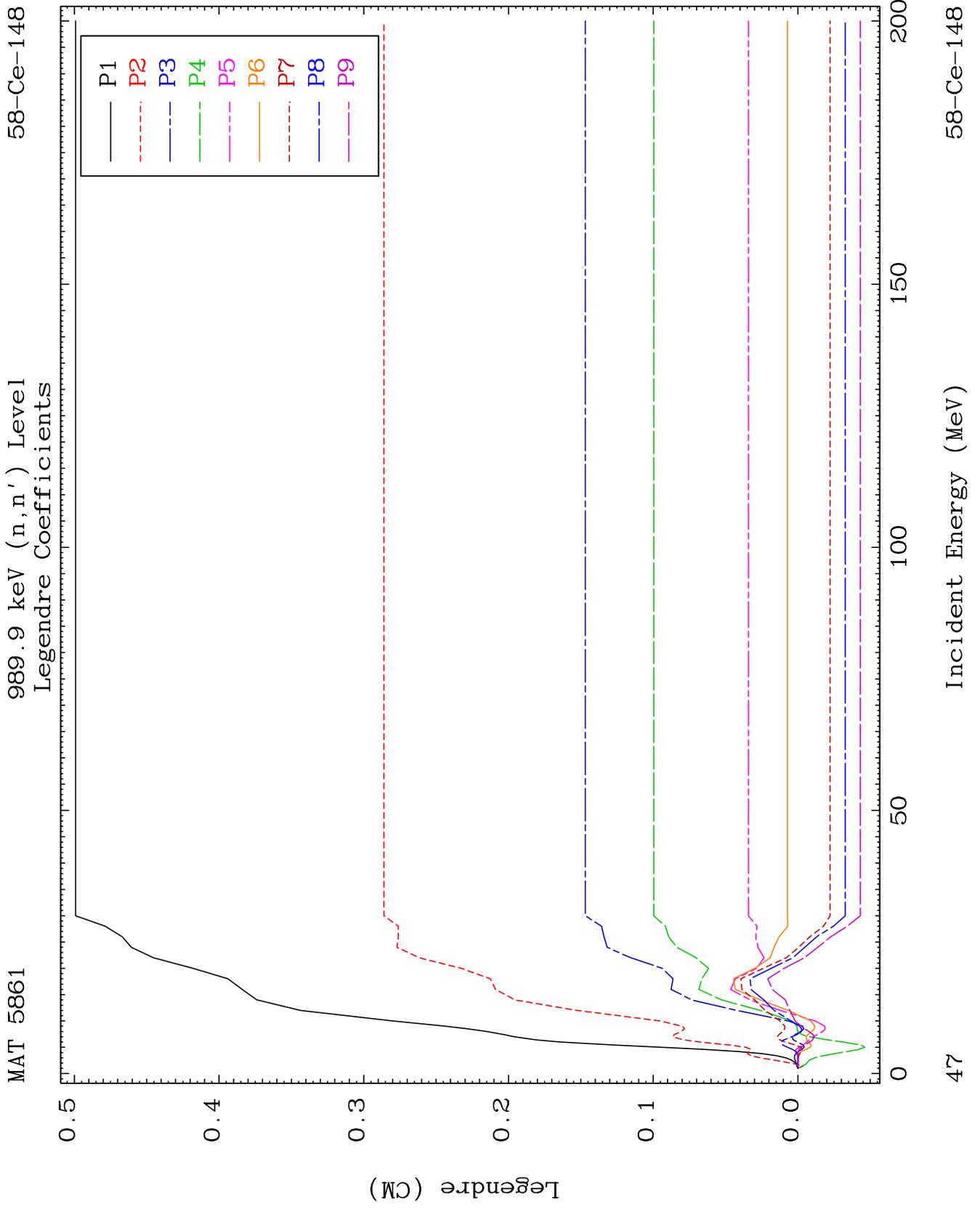


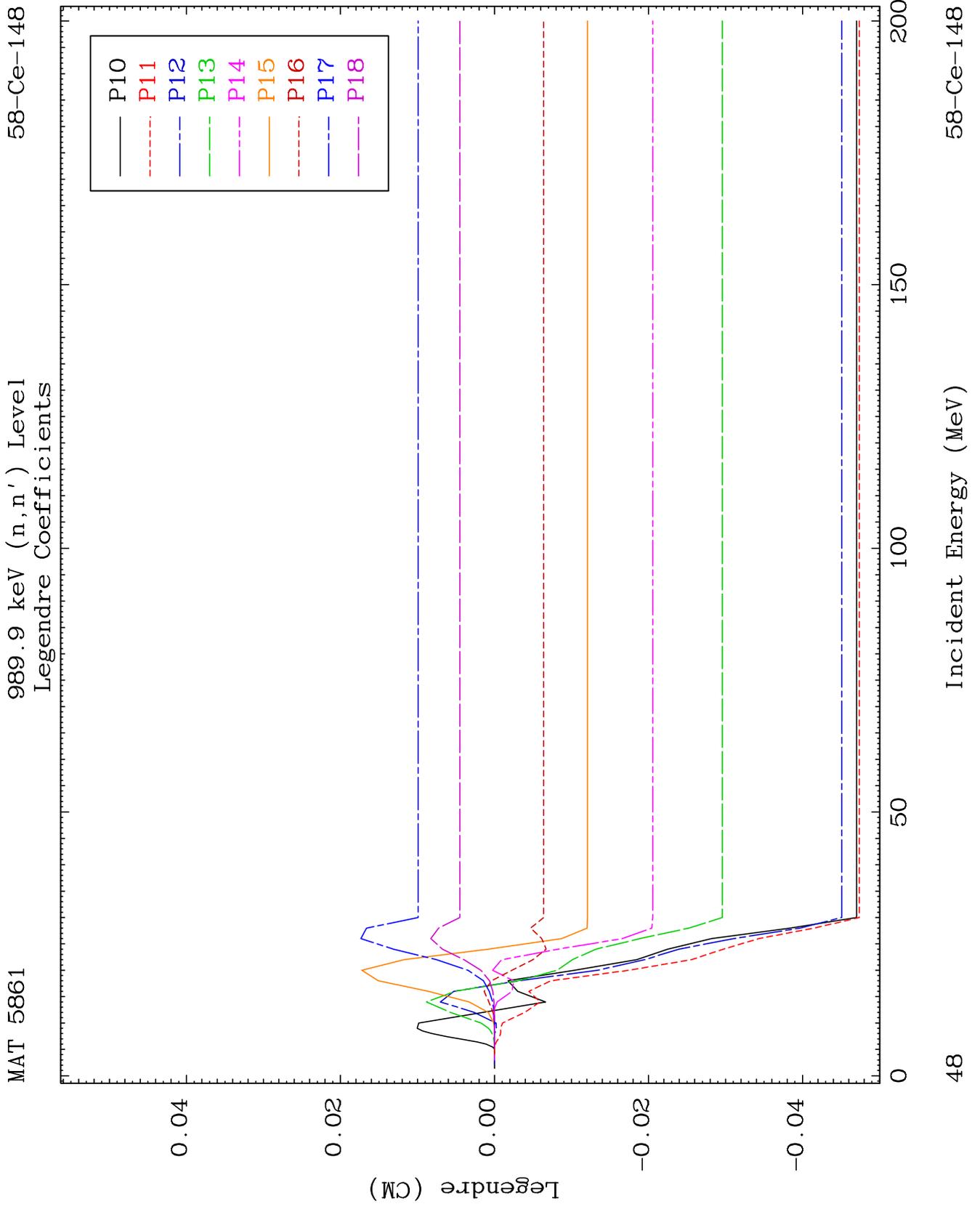
58-Ce-148

Incident Energy (MeV)

45



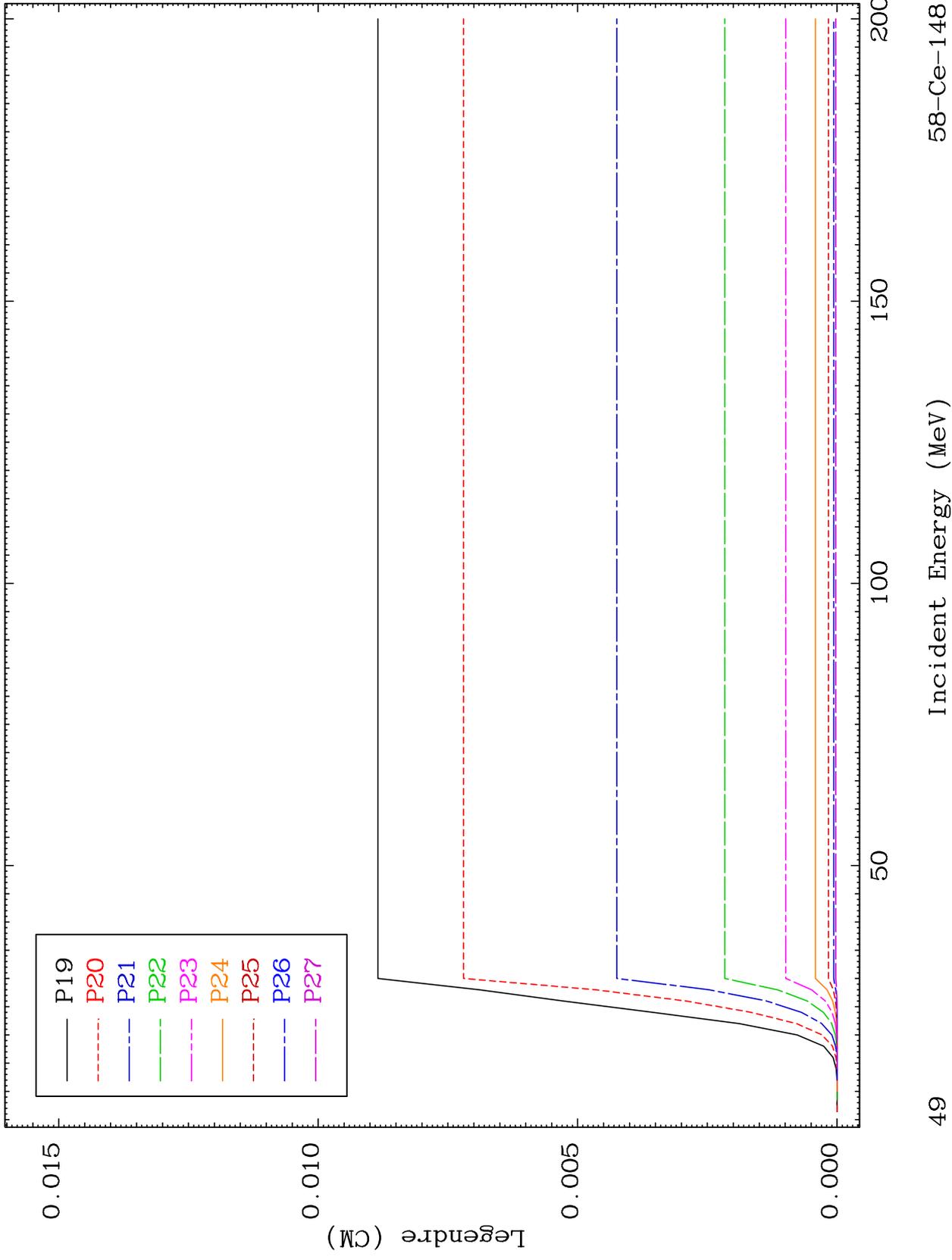




MAT 5861

989.9 keV (n,n') Level
Legendre Coefficients

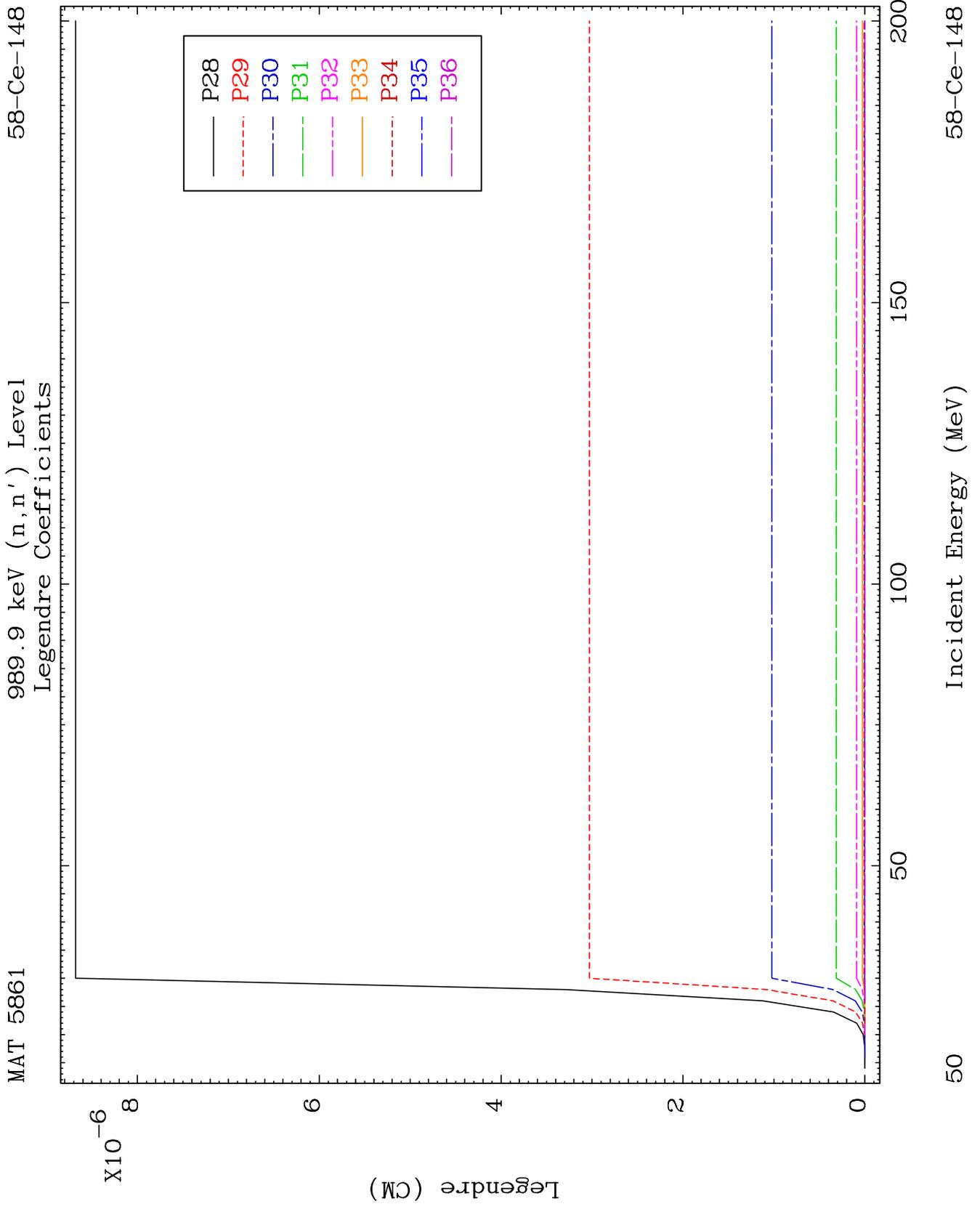
58-Ce-148

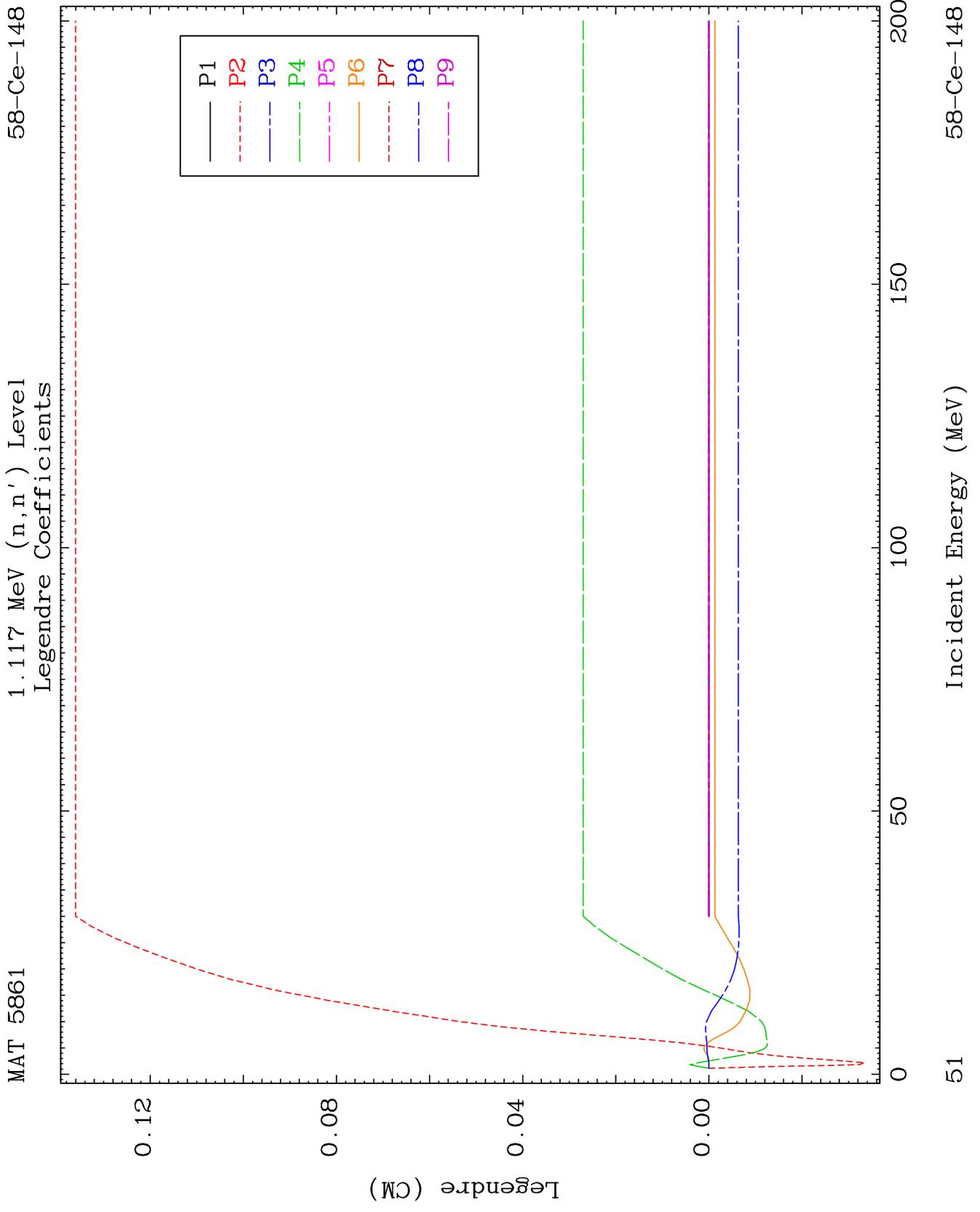


49

Incident Energy (MeV)

58-Ce-148

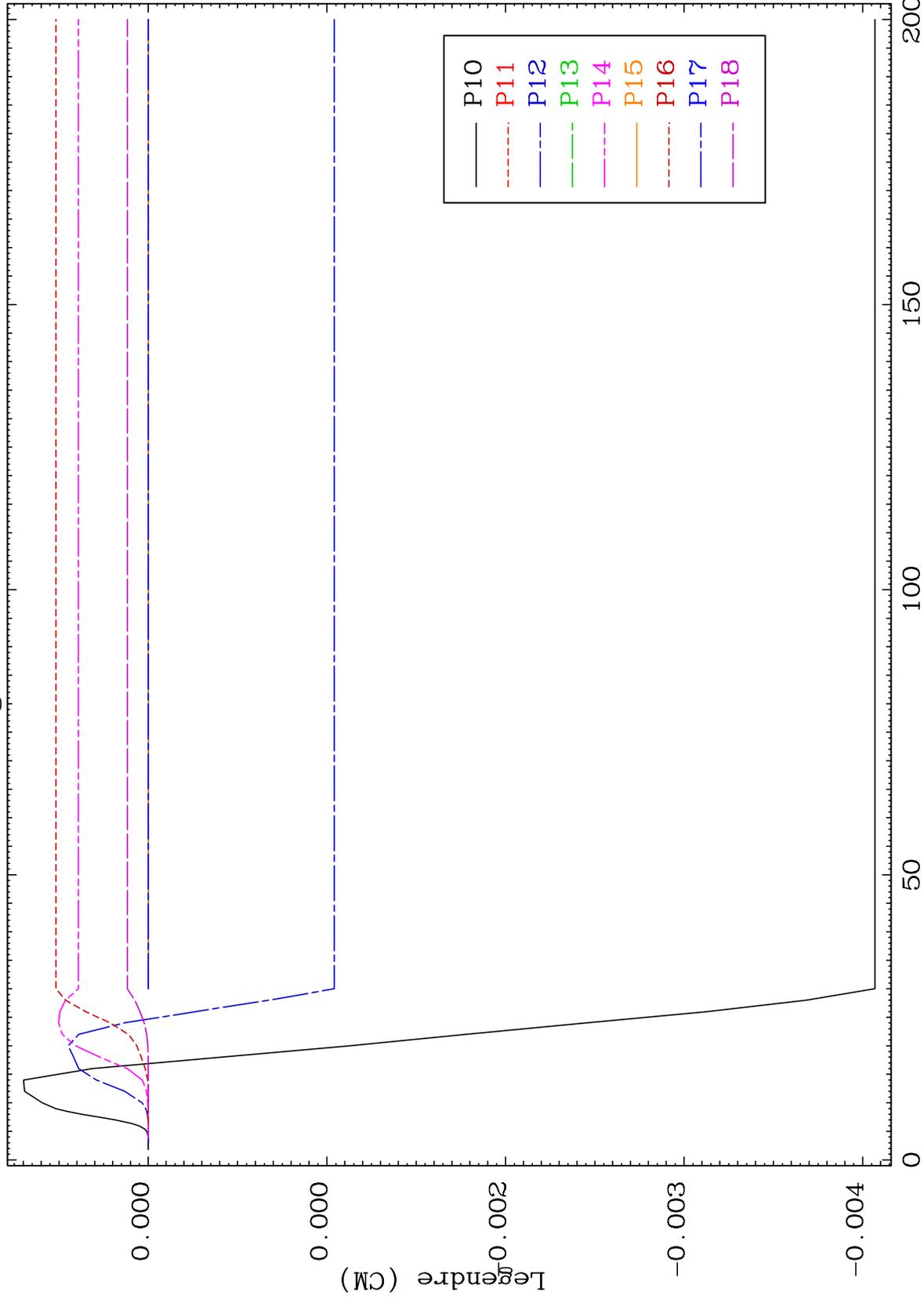




MAT 5861

1.117 MeV (n,n') Level
Legendre Coefficients

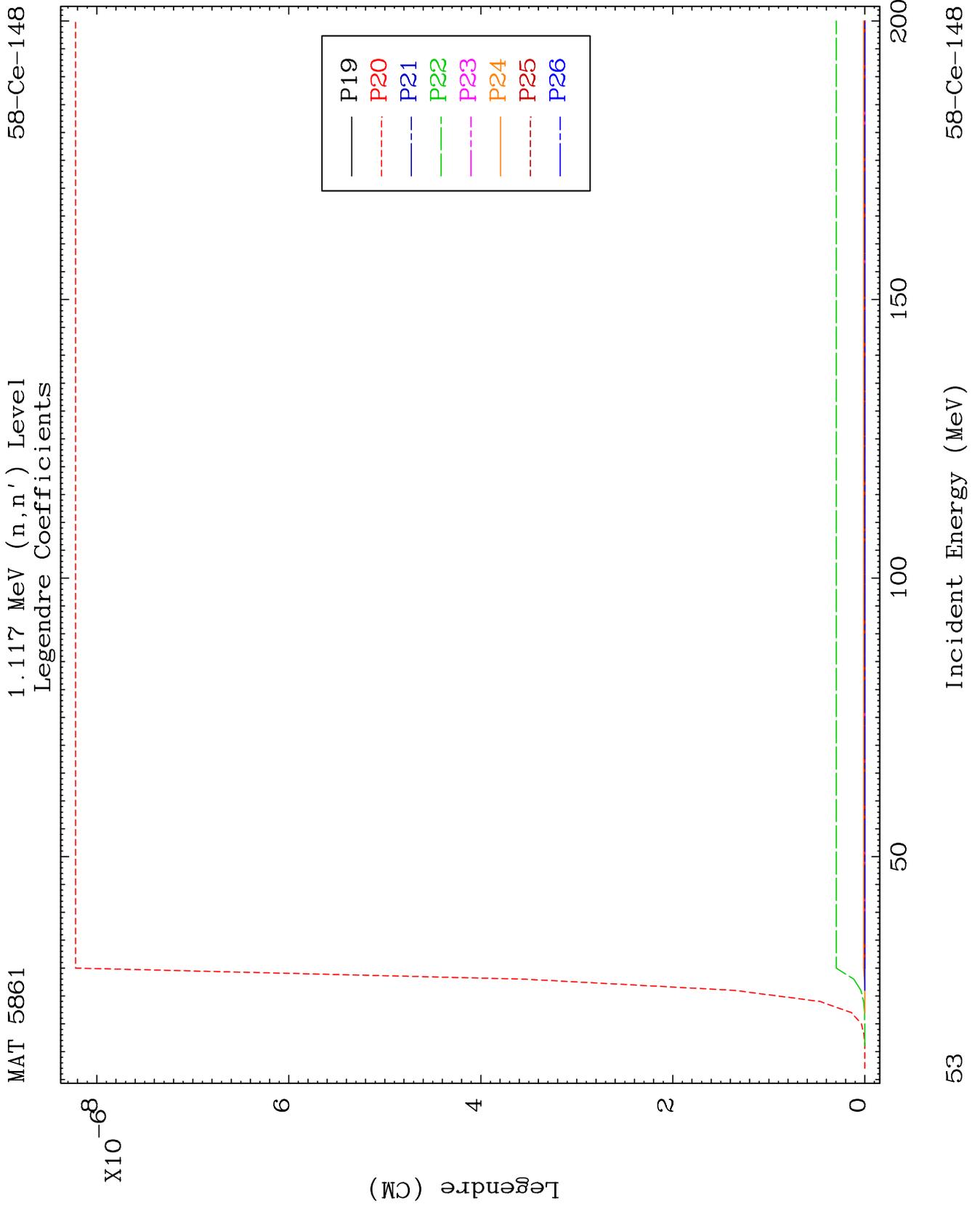
58-Ce-148

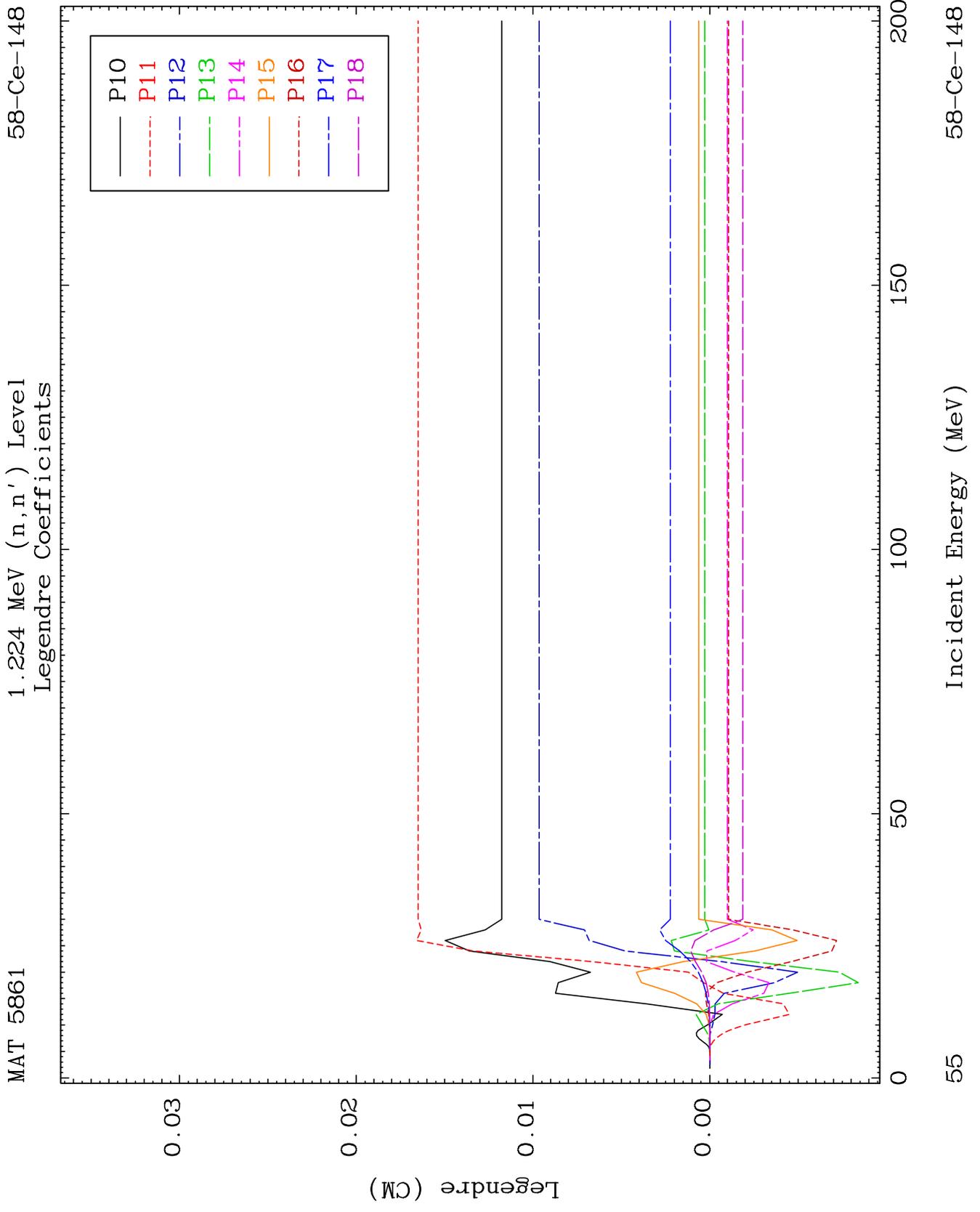


52

Incident Energy (MeV)

58-Ce-148

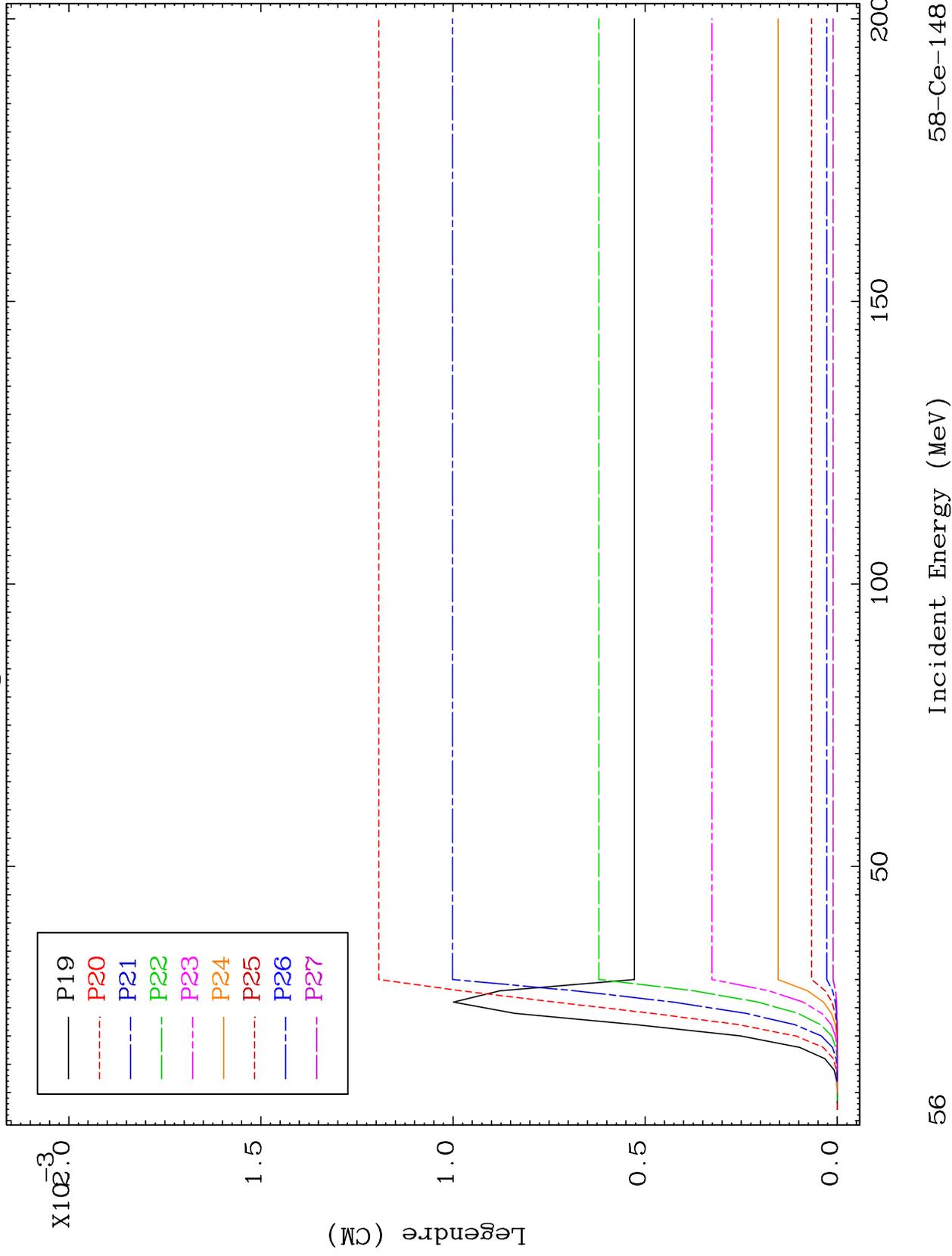




MAT 5861

1.224 MeV (n, n') Level
Legendre Coefficients

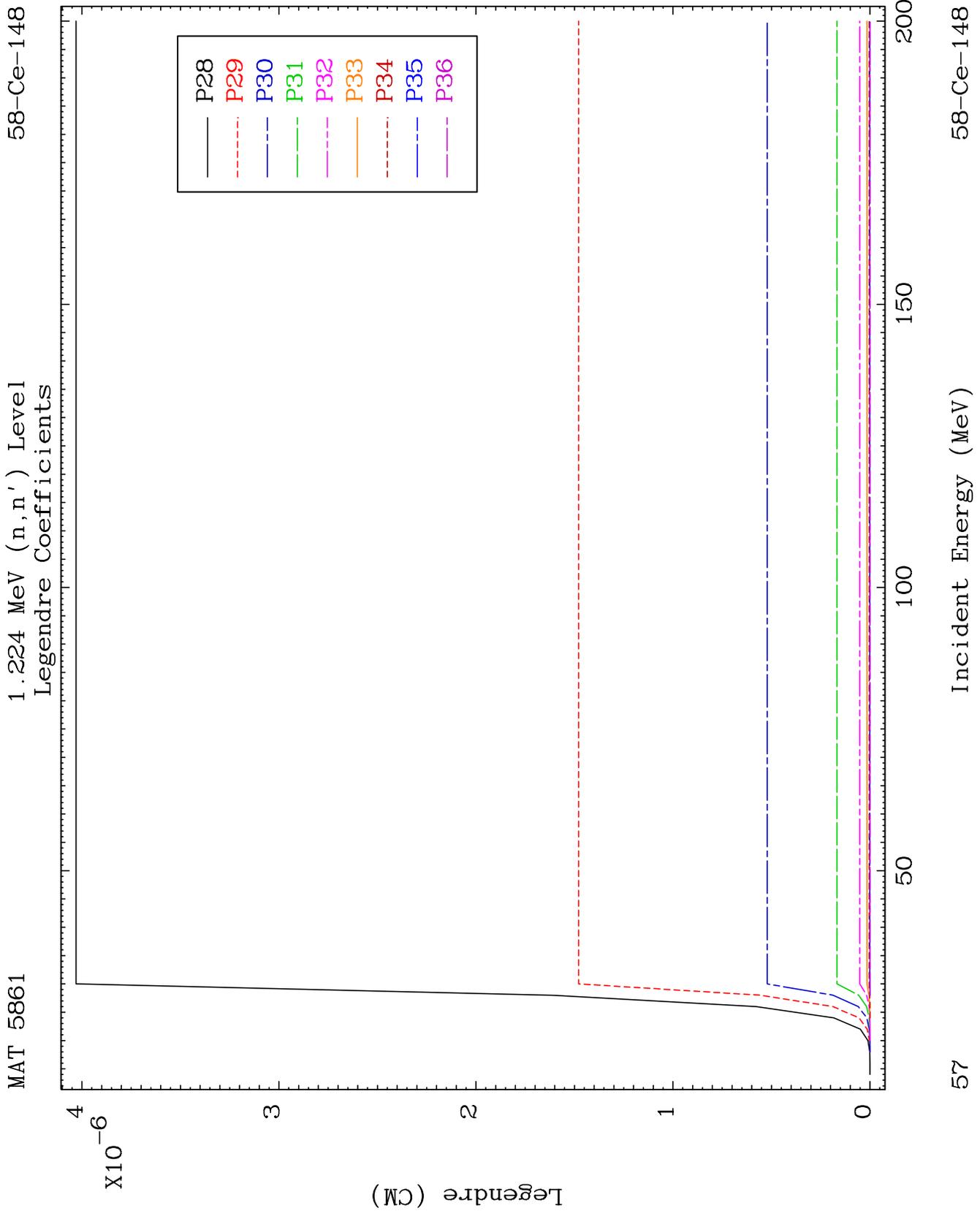
58-Ce-148

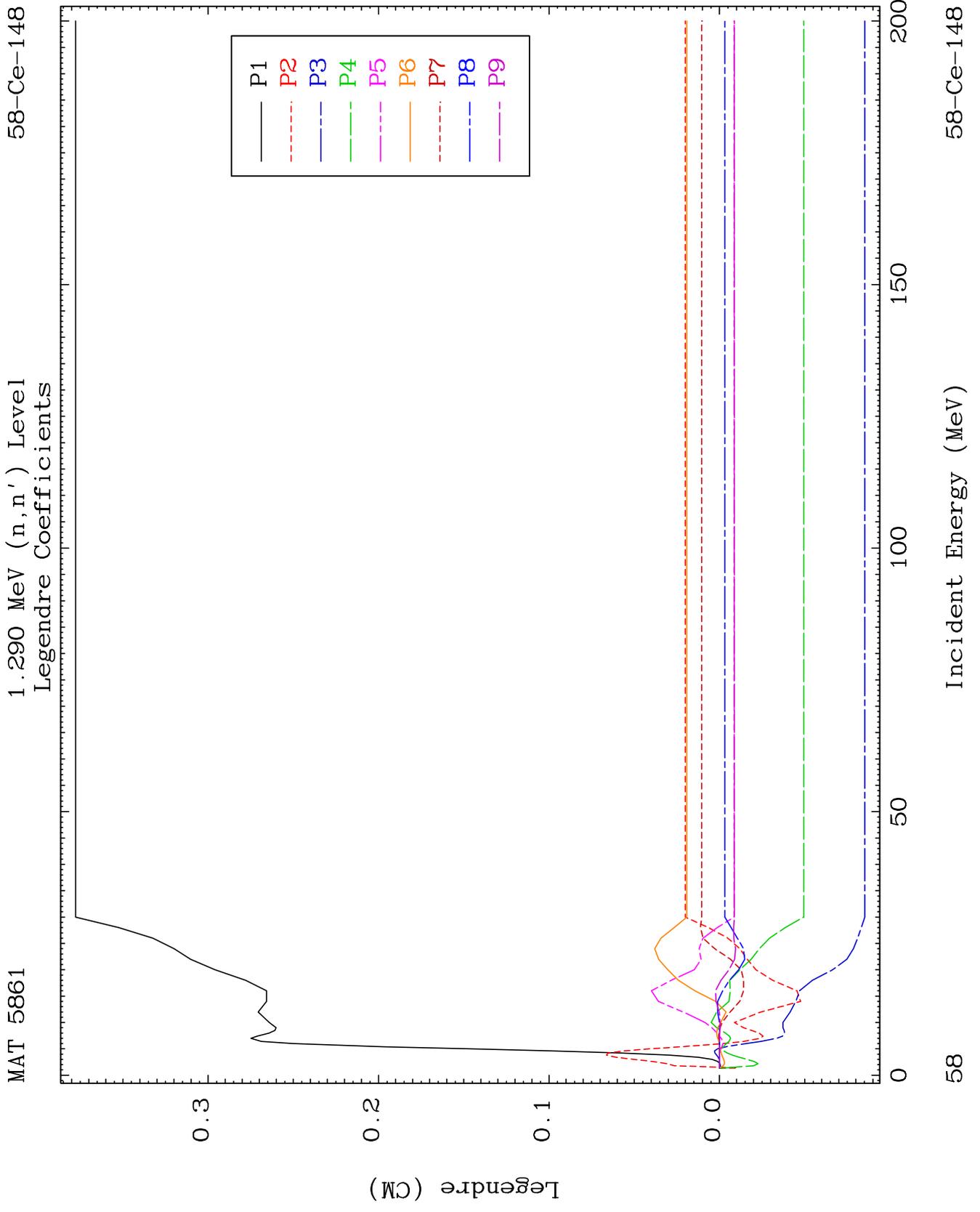


56

Incident Energy (MeV)

58-Ce-148

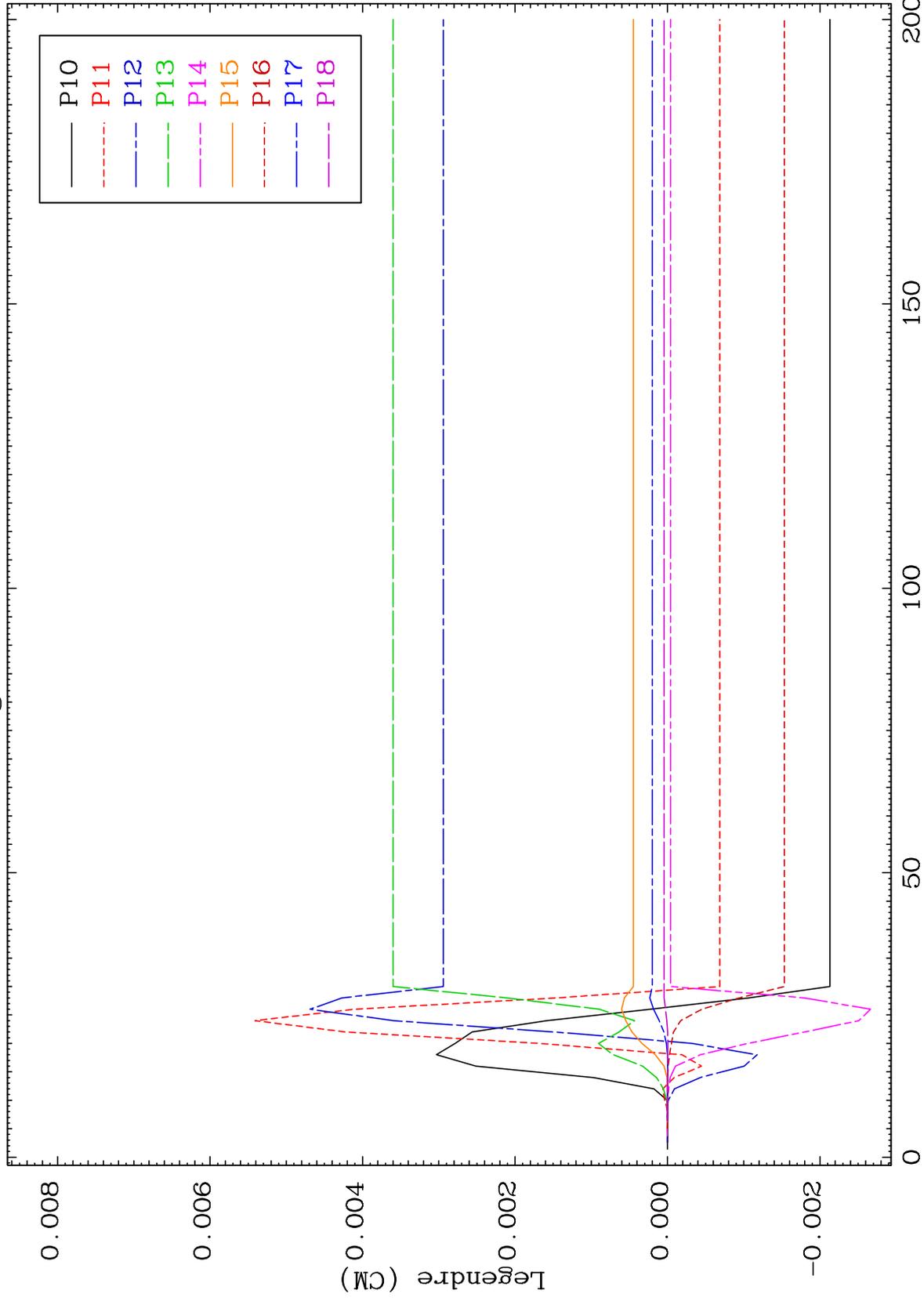




MAT 5861

1.290 MeV (n,n') Level
Legendre Coefficients

58-Ce-148



59

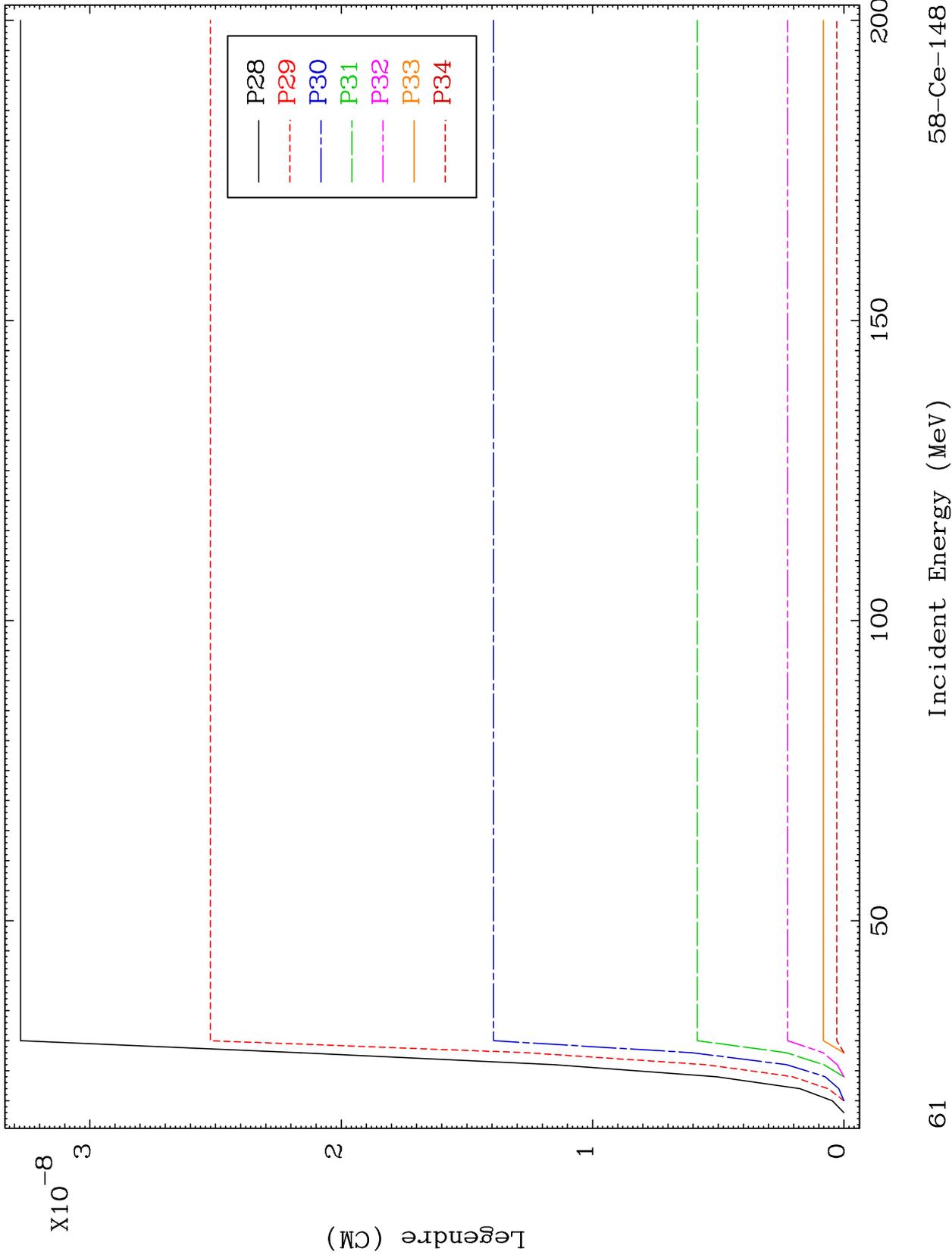
Incident Energy (MeV)

58-Ce-148

MAT 5861

1.290 MeV (n,n') Level
Legendre Coefficients

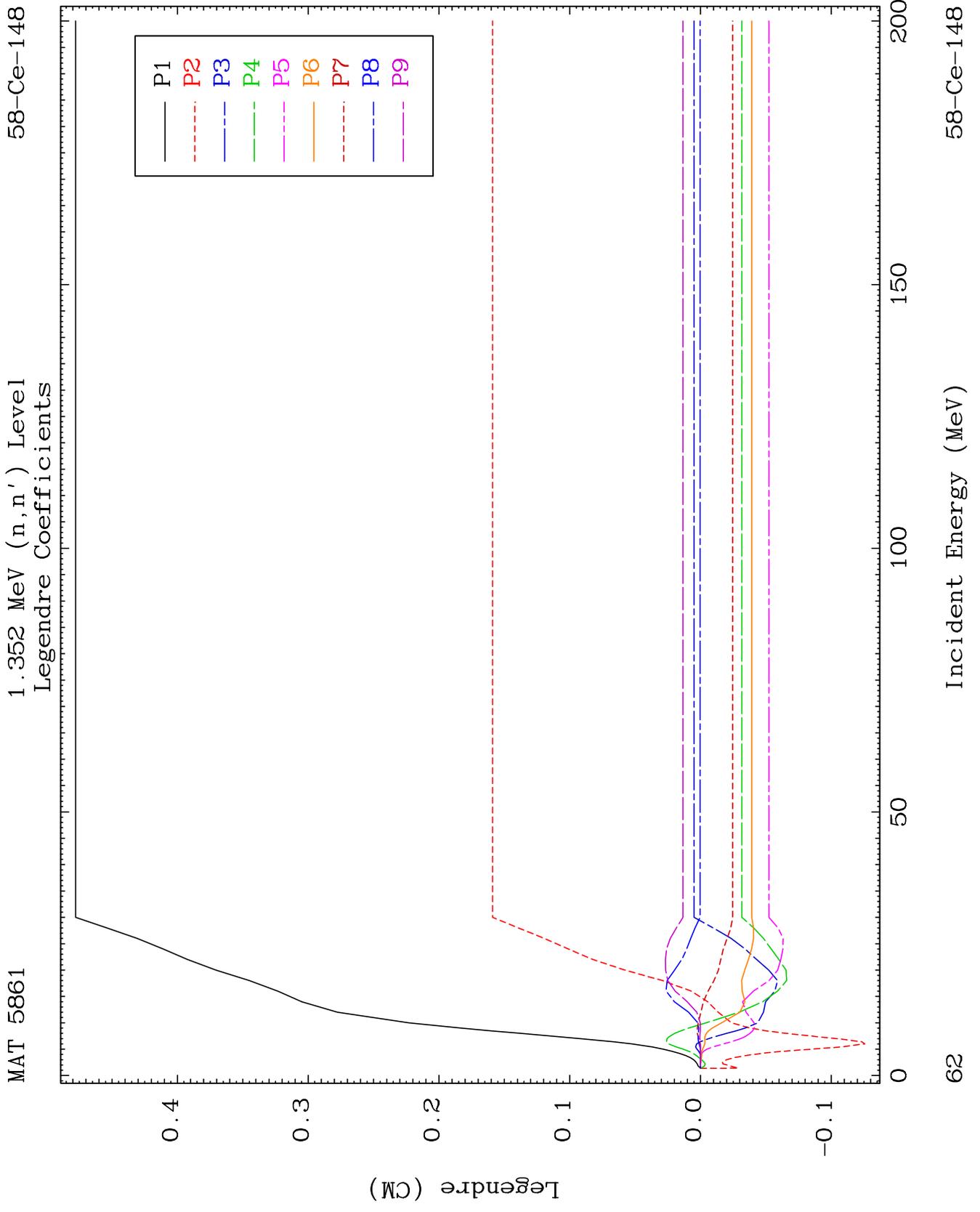
58-Ce-148



61

Incident Energy (MeV)

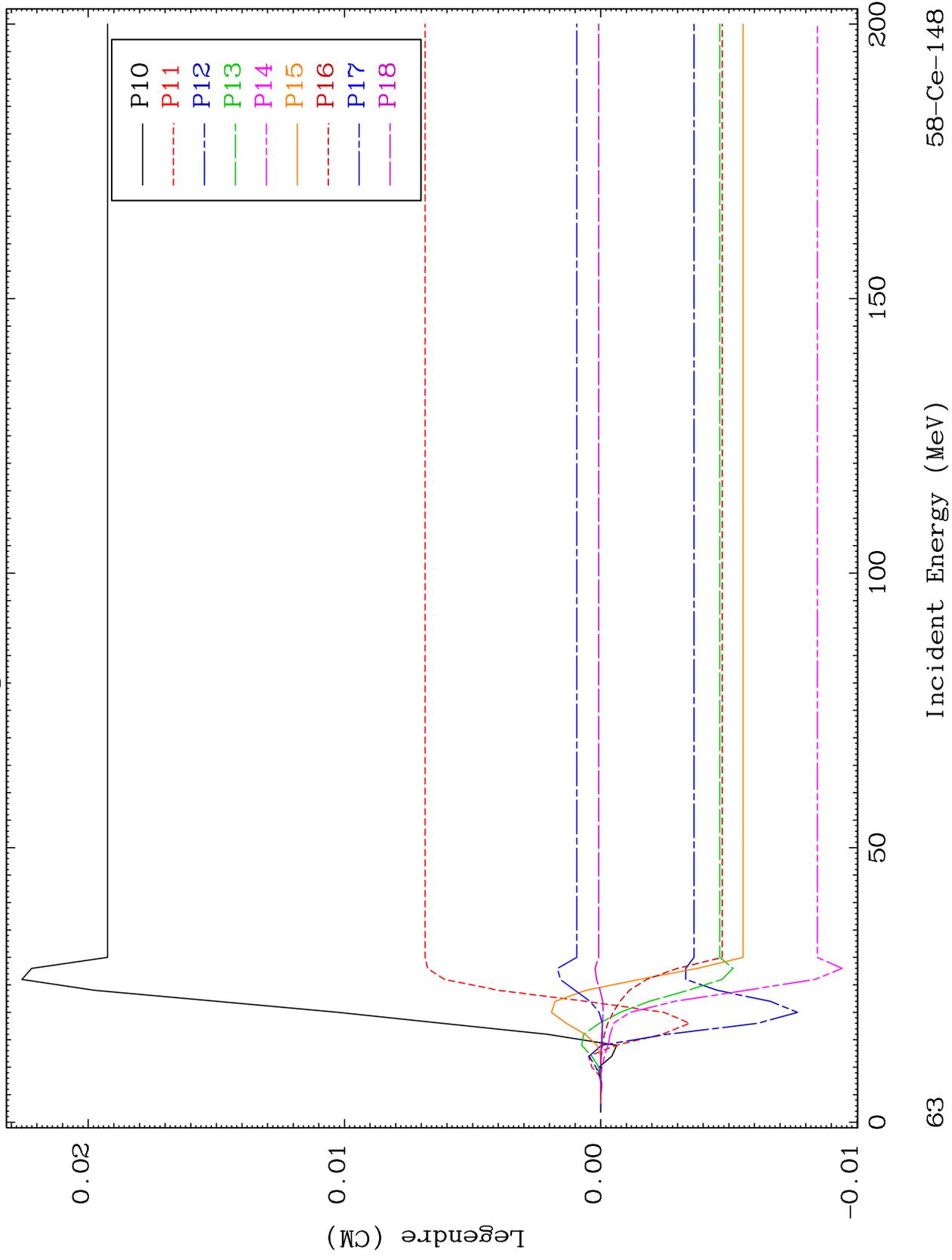
58-Ce-148



MAT 5861

1.352 MeV (n,n') Level
Legendre Coefficients

58-Ce-148



63

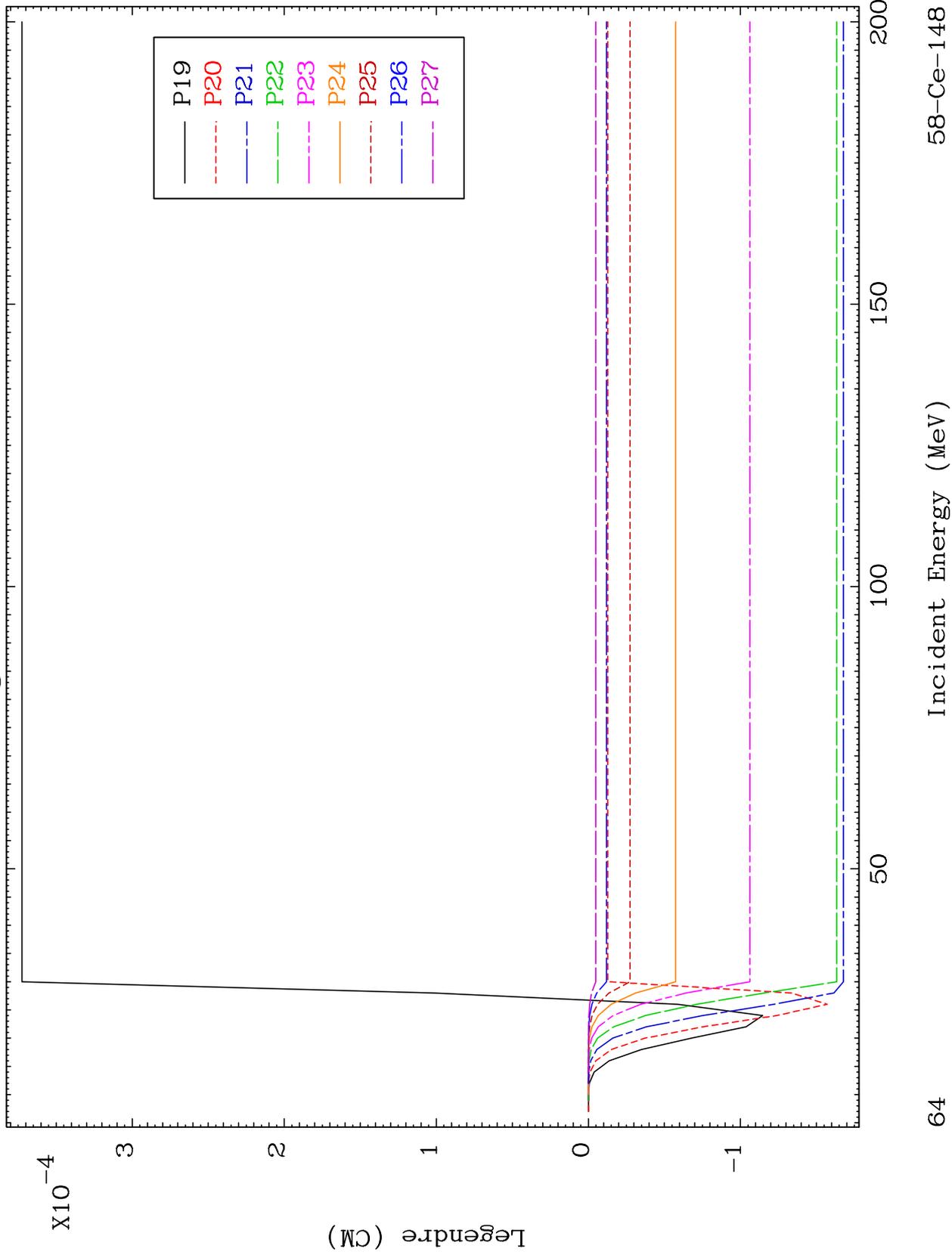
Incident Energy (MeV)

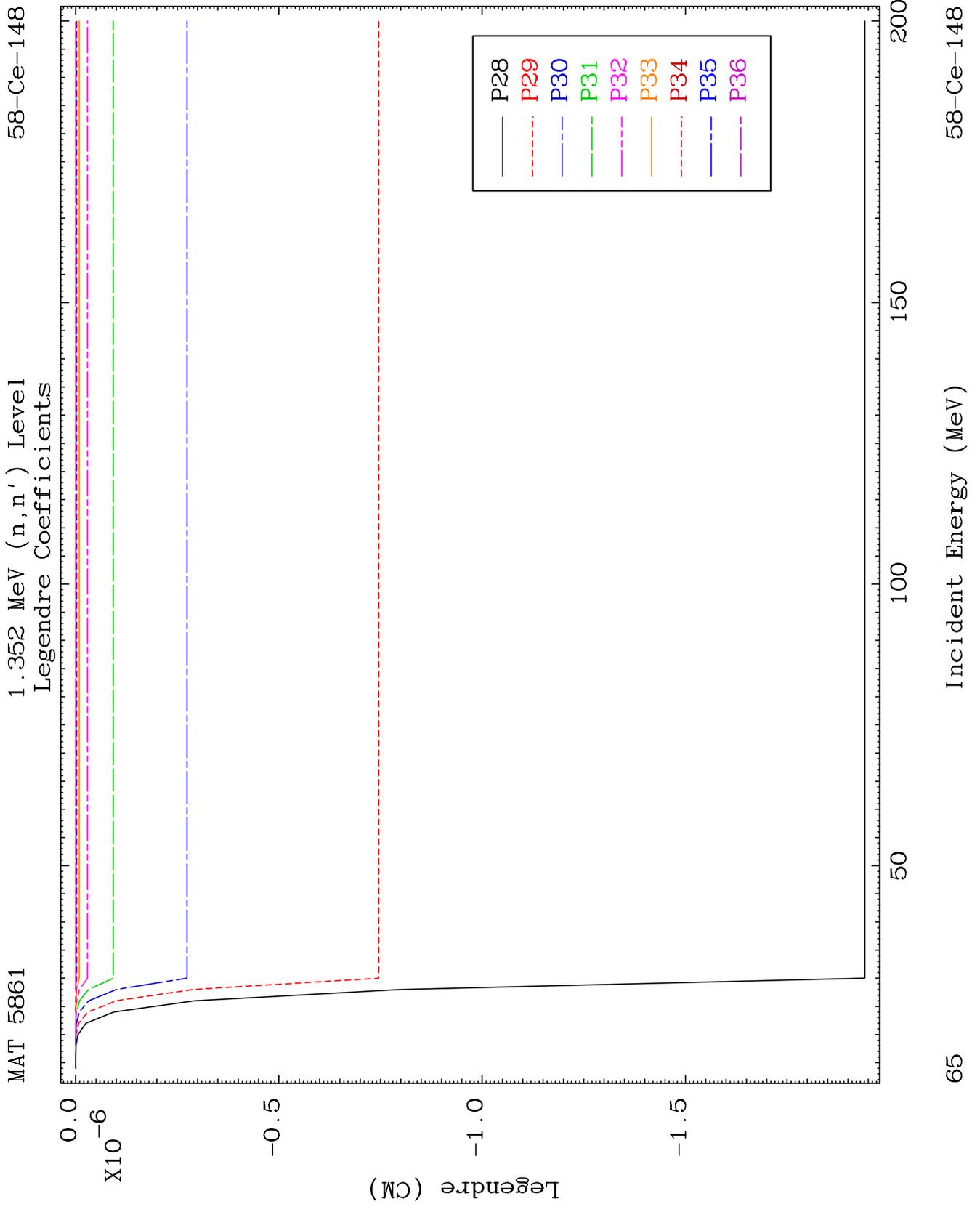
58-Ce-148

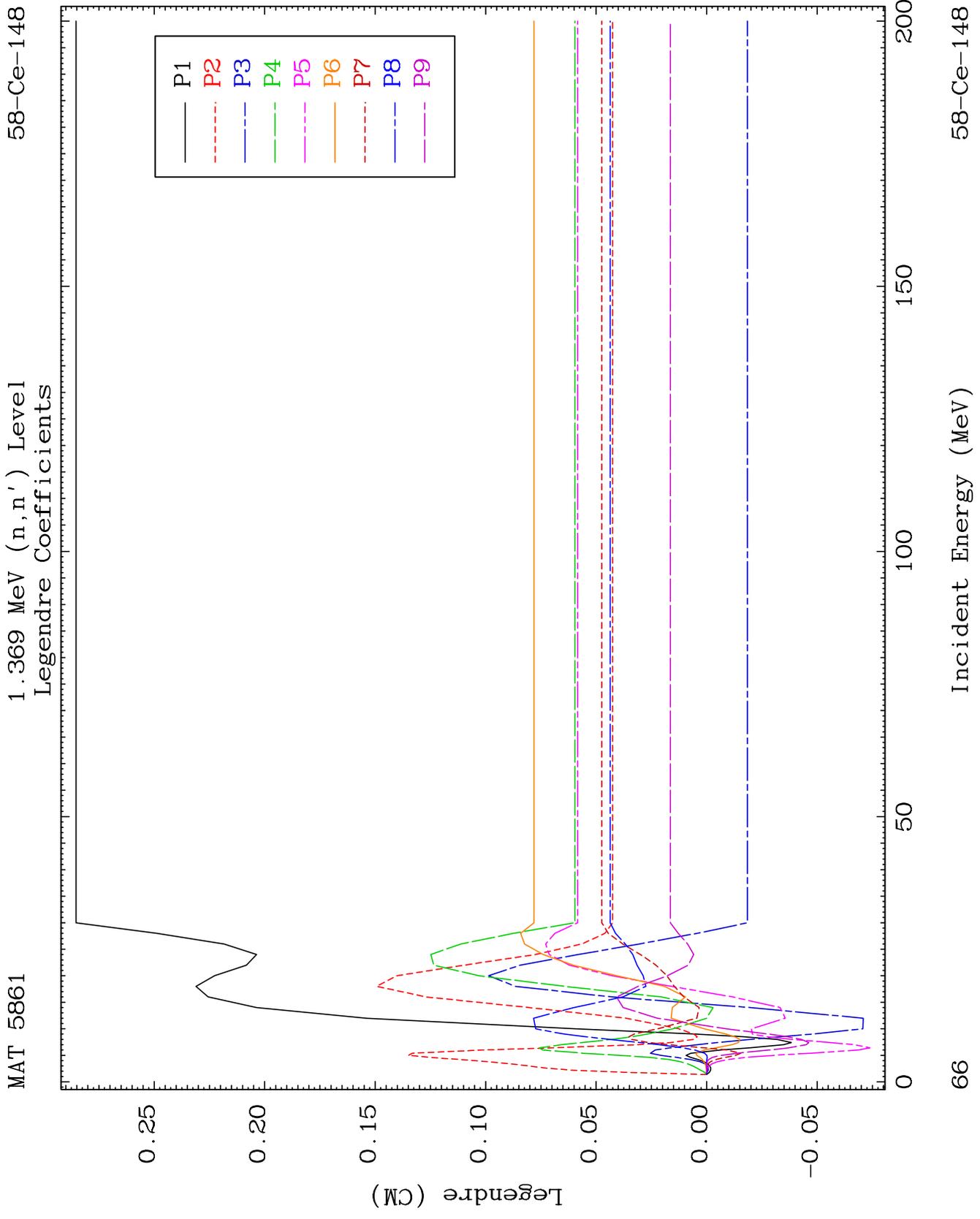
MAT 5861

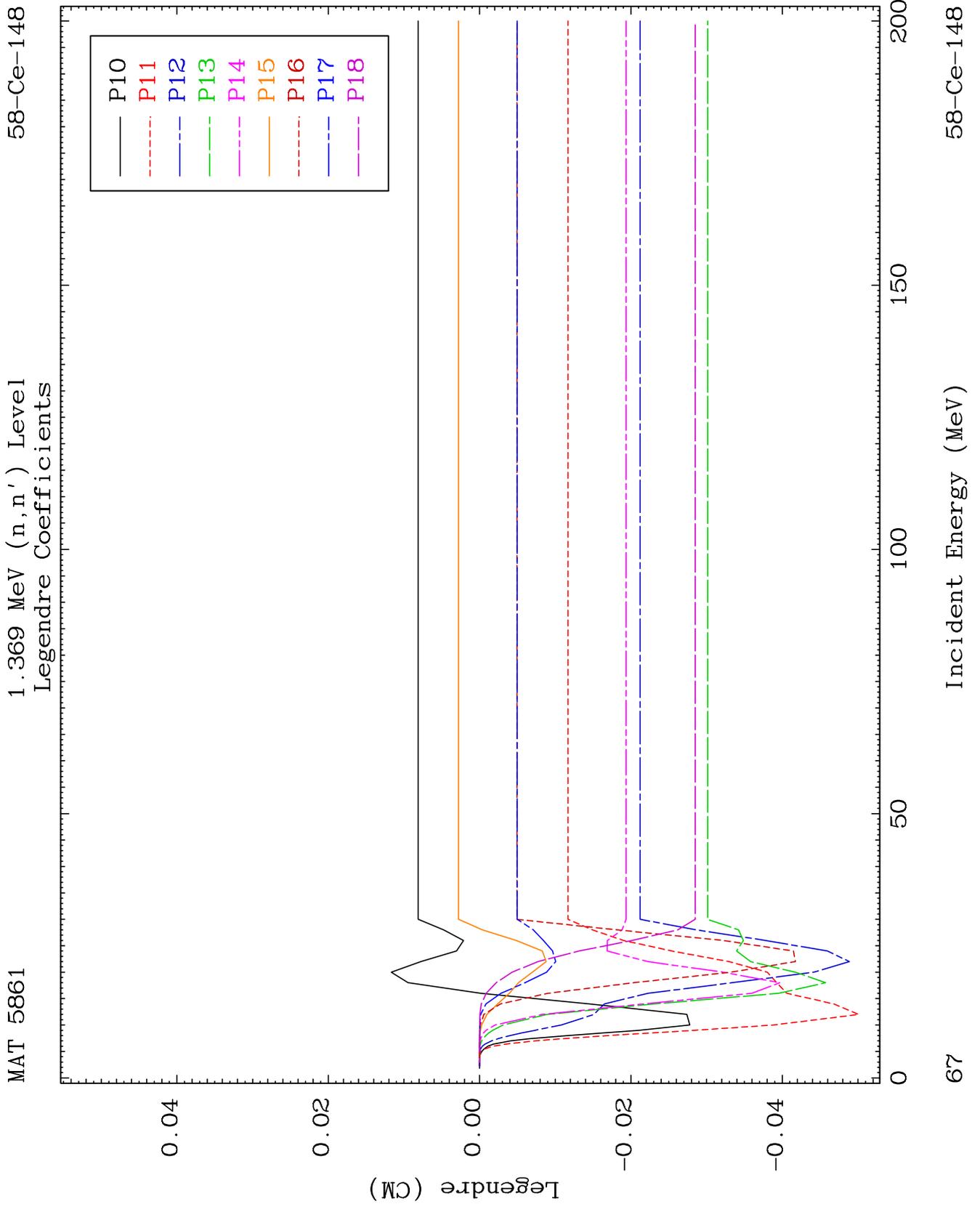
1.352 MeV (n,n') Level
Legendre Coefficients

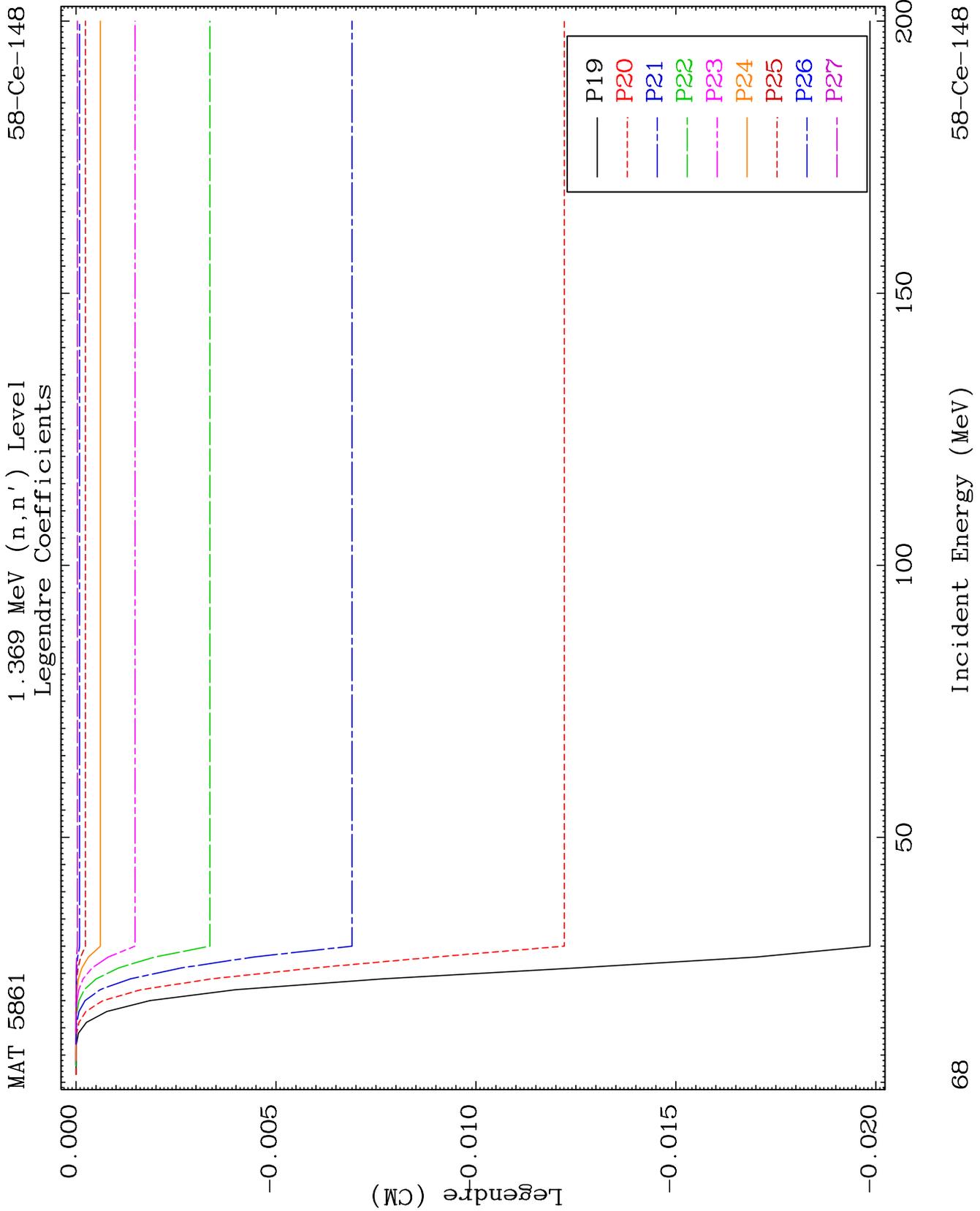
58-Ce-148

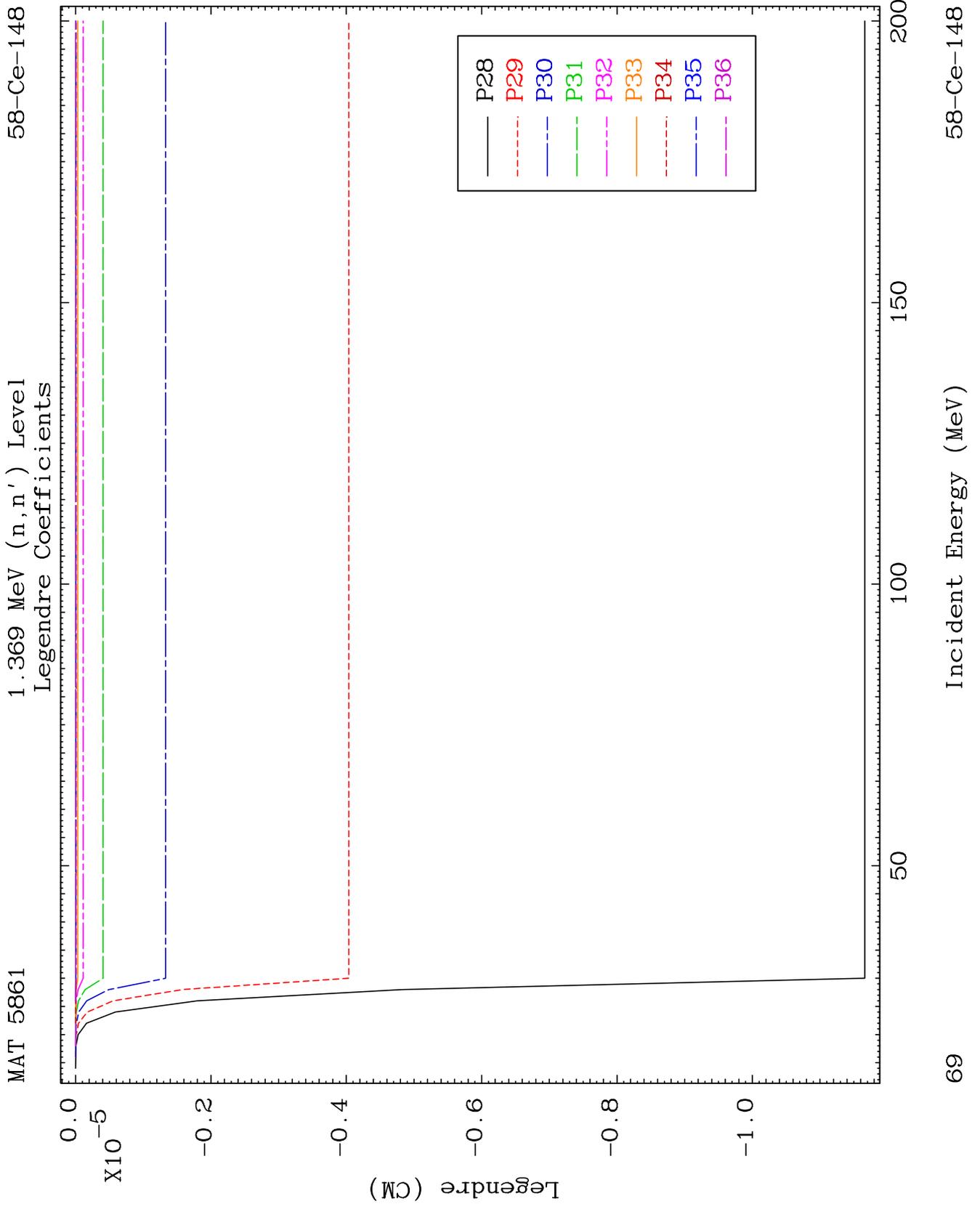


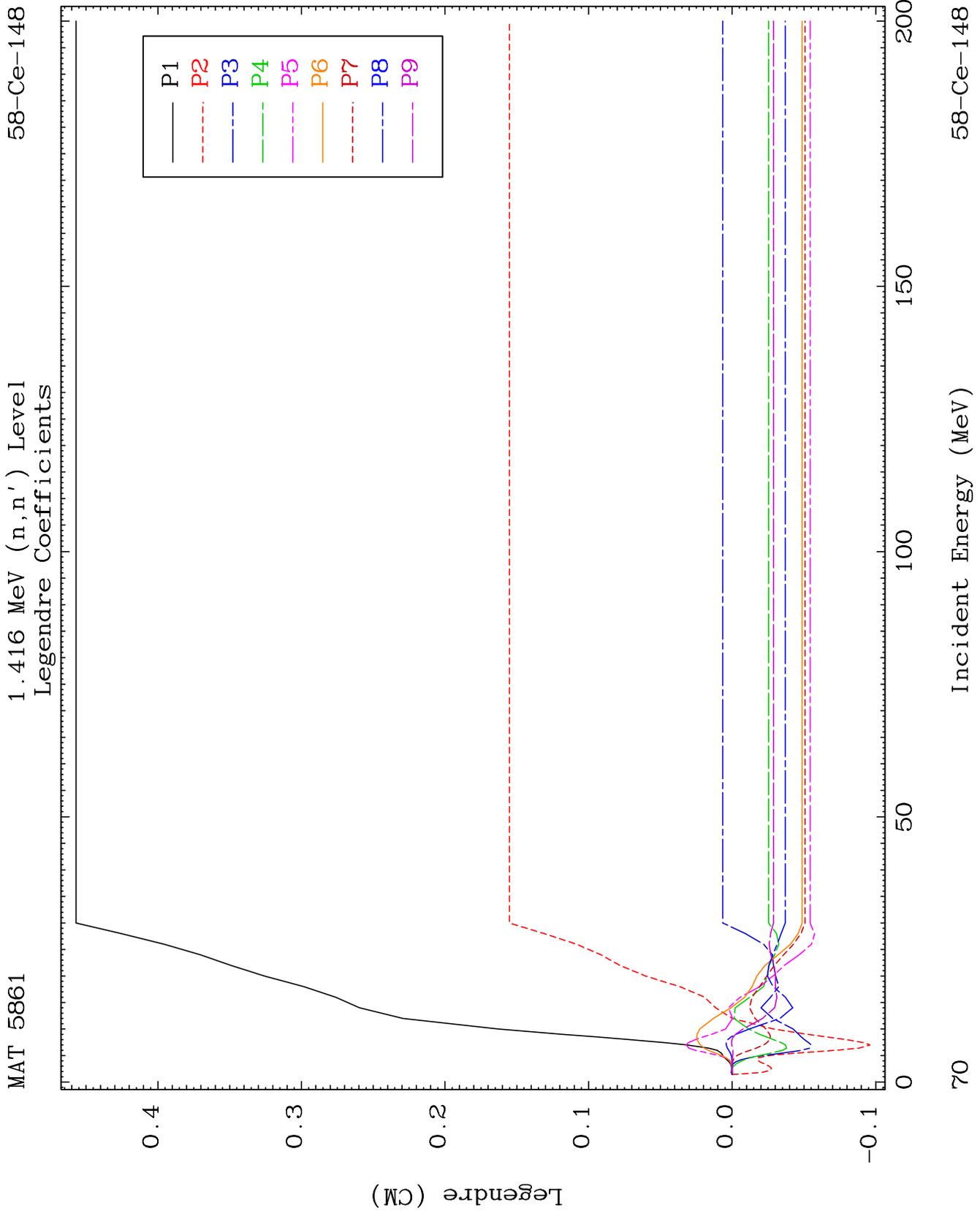








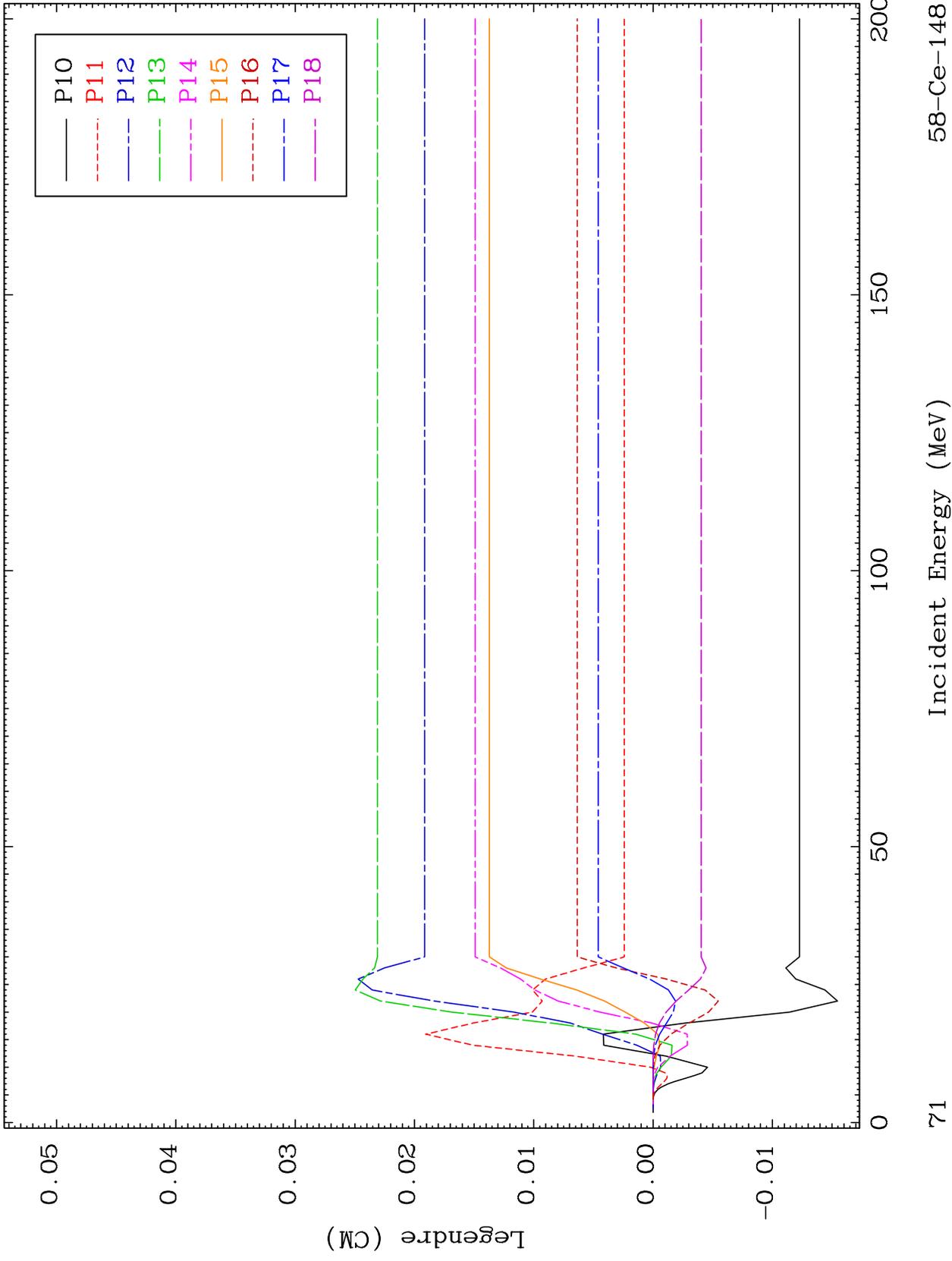




MAT 5861

1.416 MeV (n,n') Level
Legendre Coefficients

58-Ce-148



71

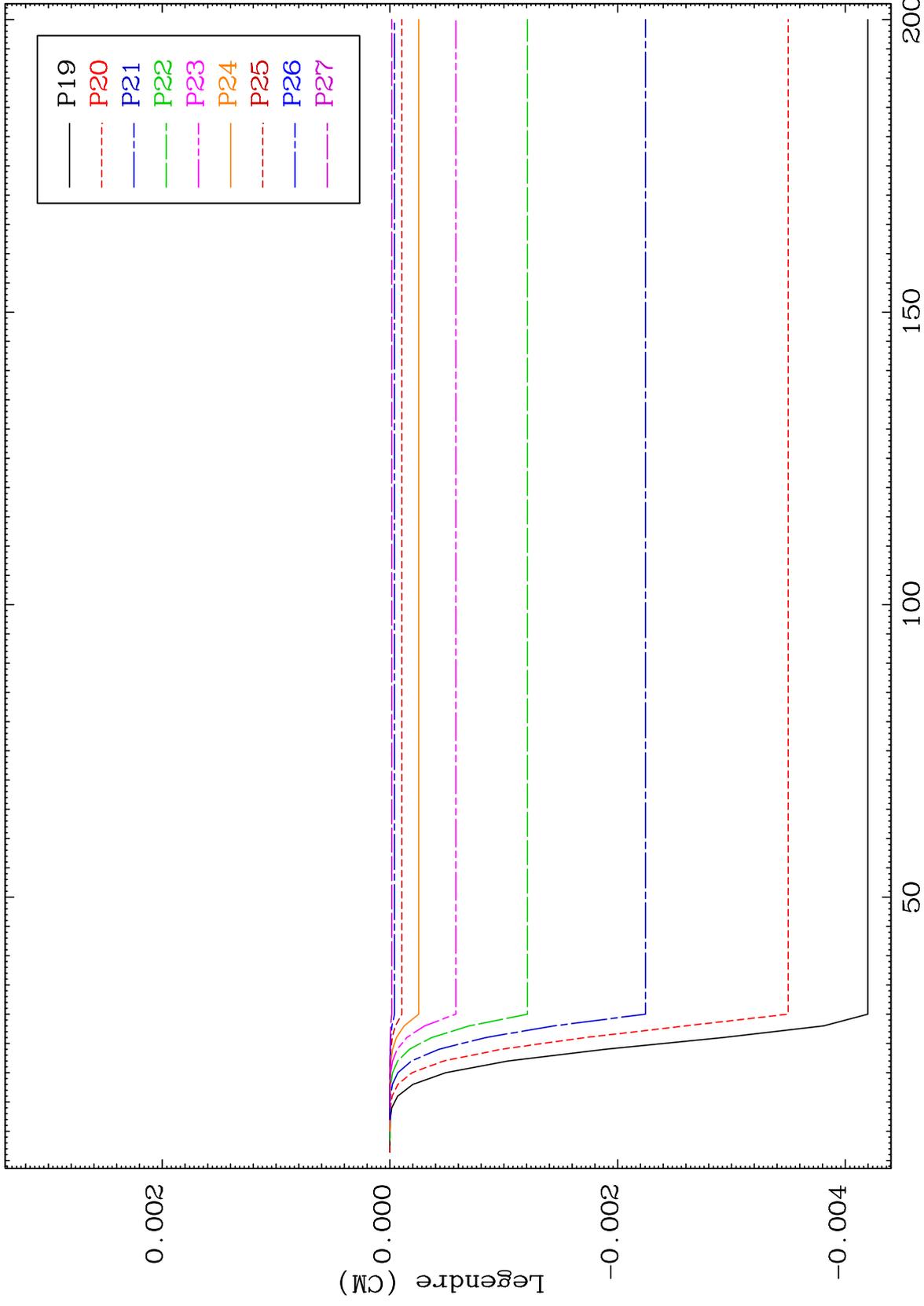
Incident Energy (MeV)

58-Ce-148

MAT 5861

1.416 MeV (n,n') Level
Legendre Coefficients

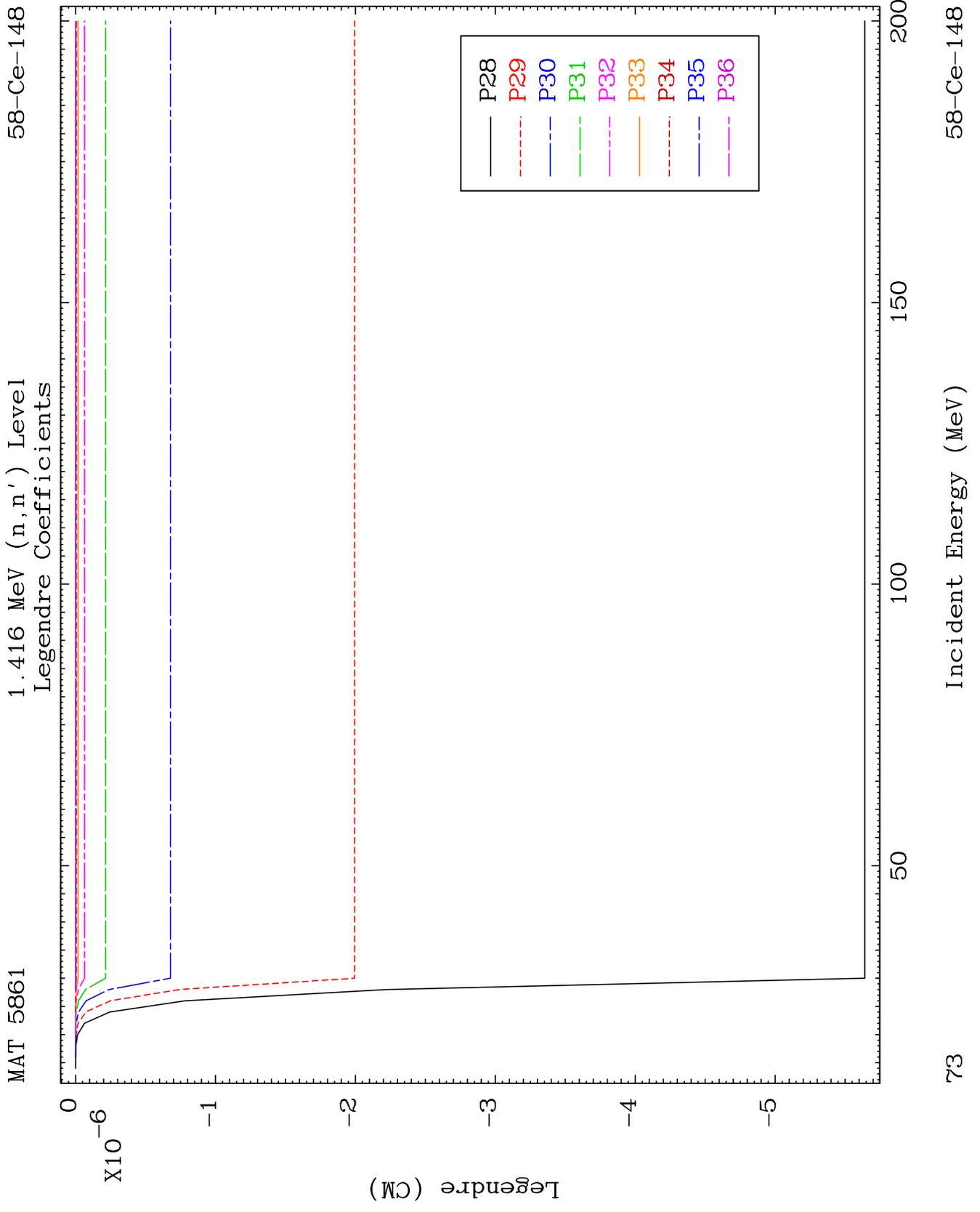
58-Ce-148

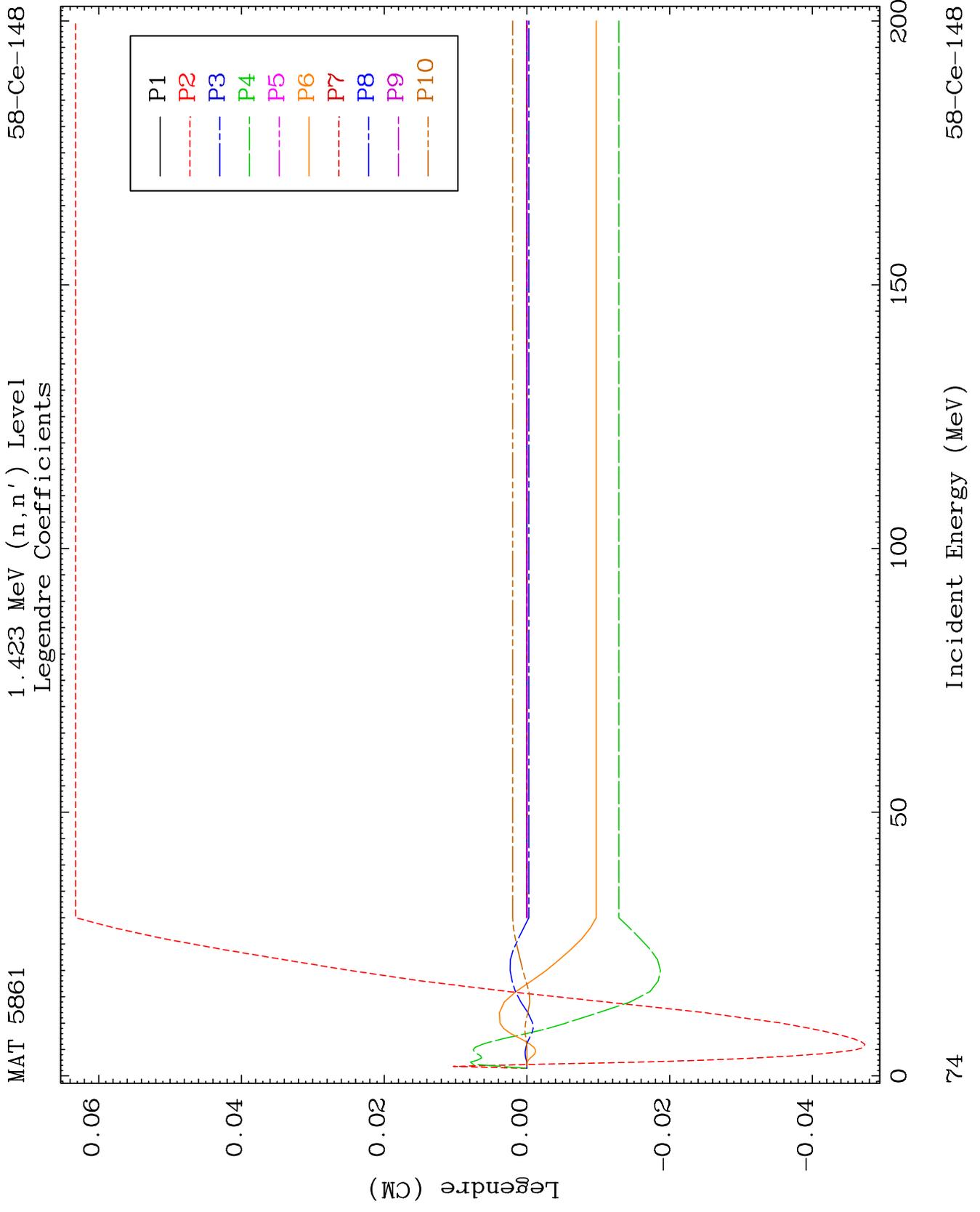


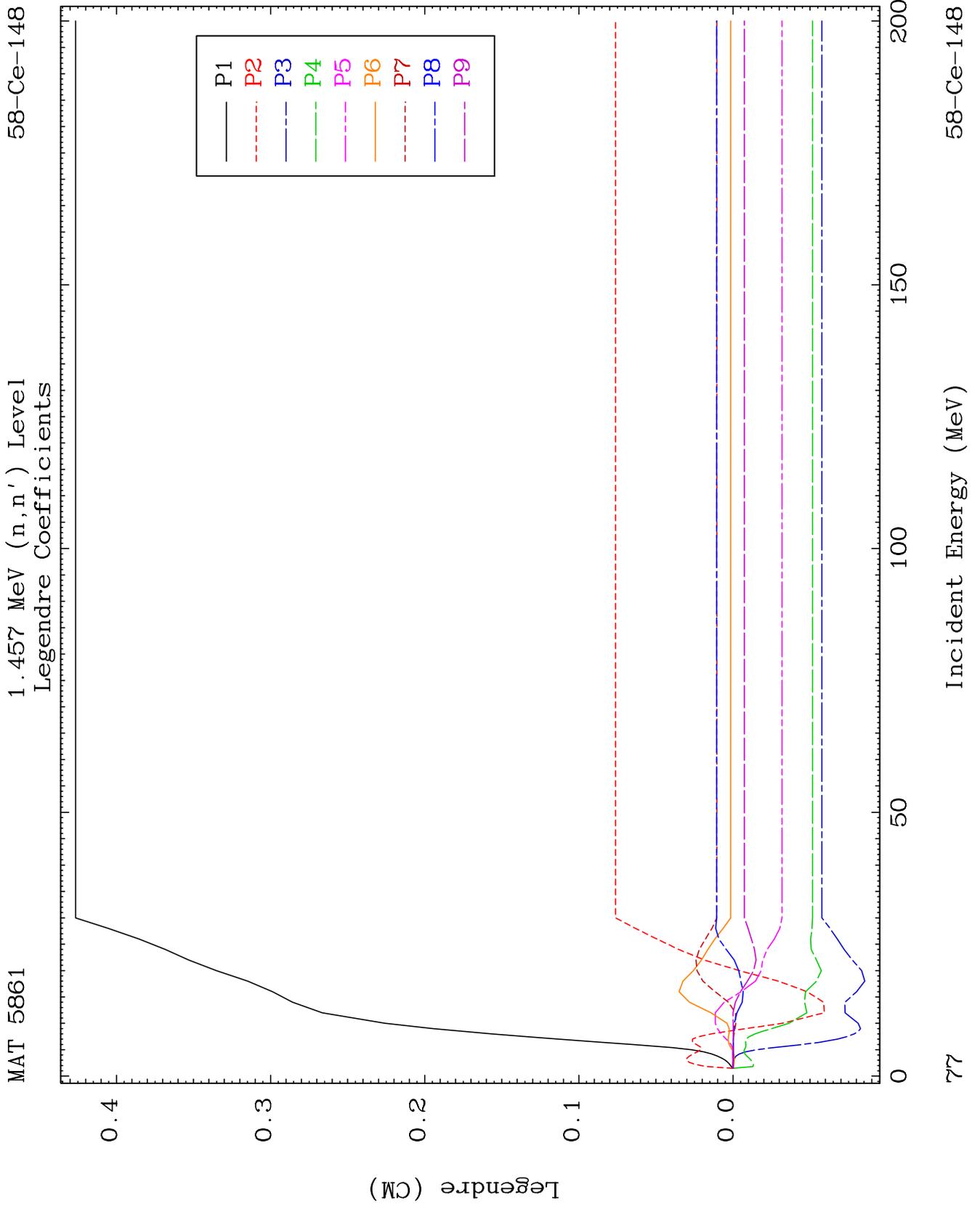
72

Incident Energy (MeV)

58-Ce-148



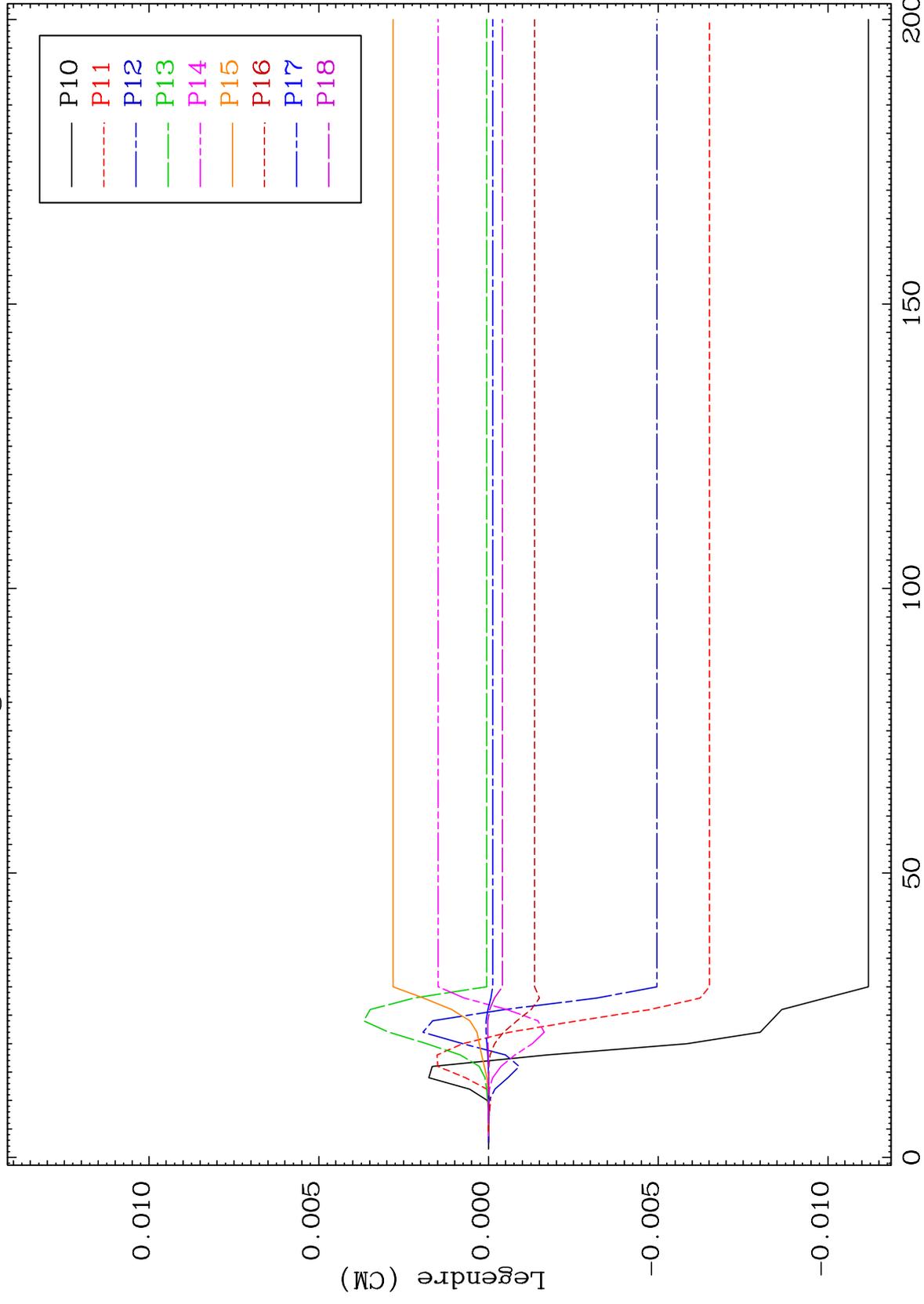




MAT 5861

1.457 MeV (n,n') Level
Legendre Coefficients

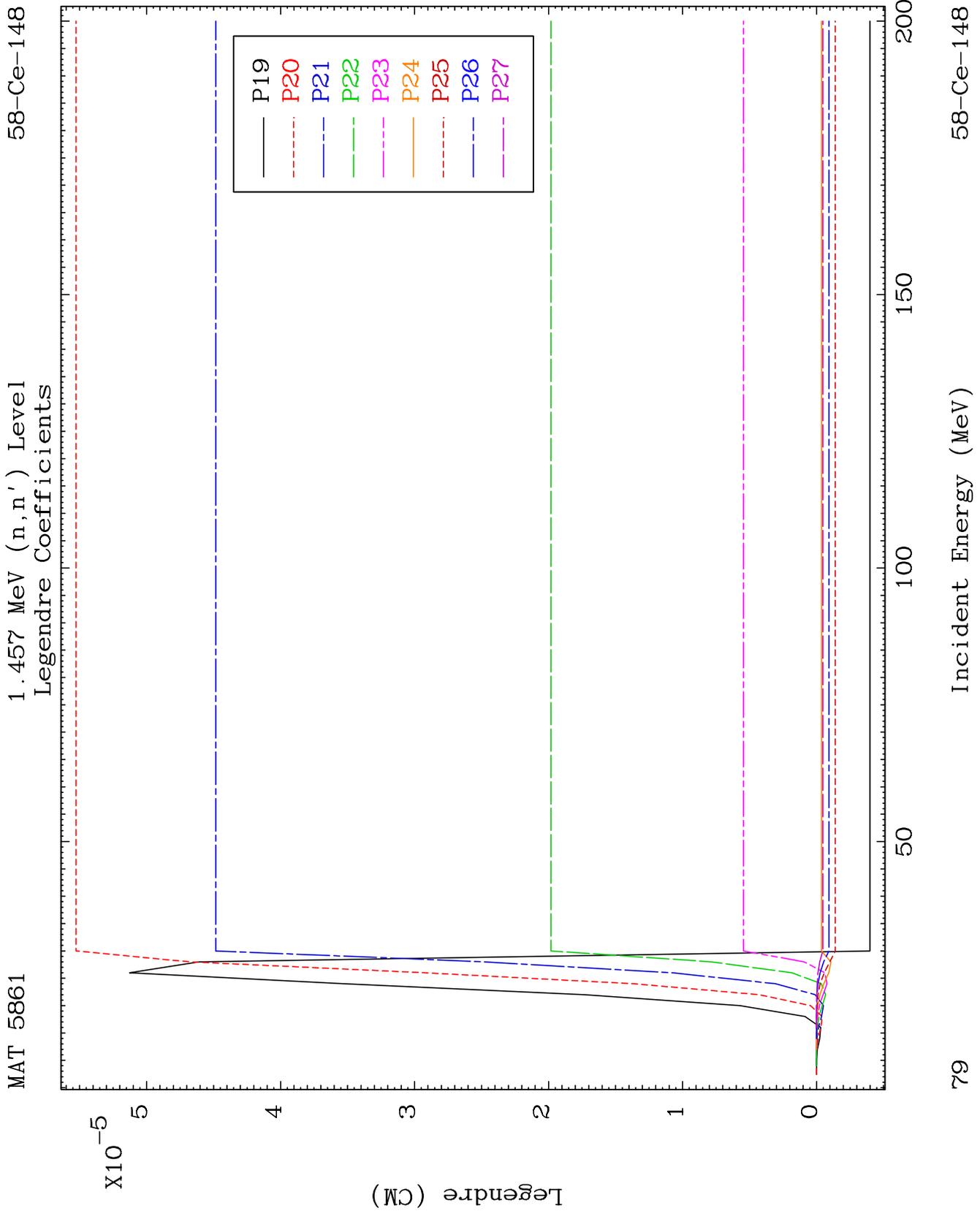
58-Ce-148

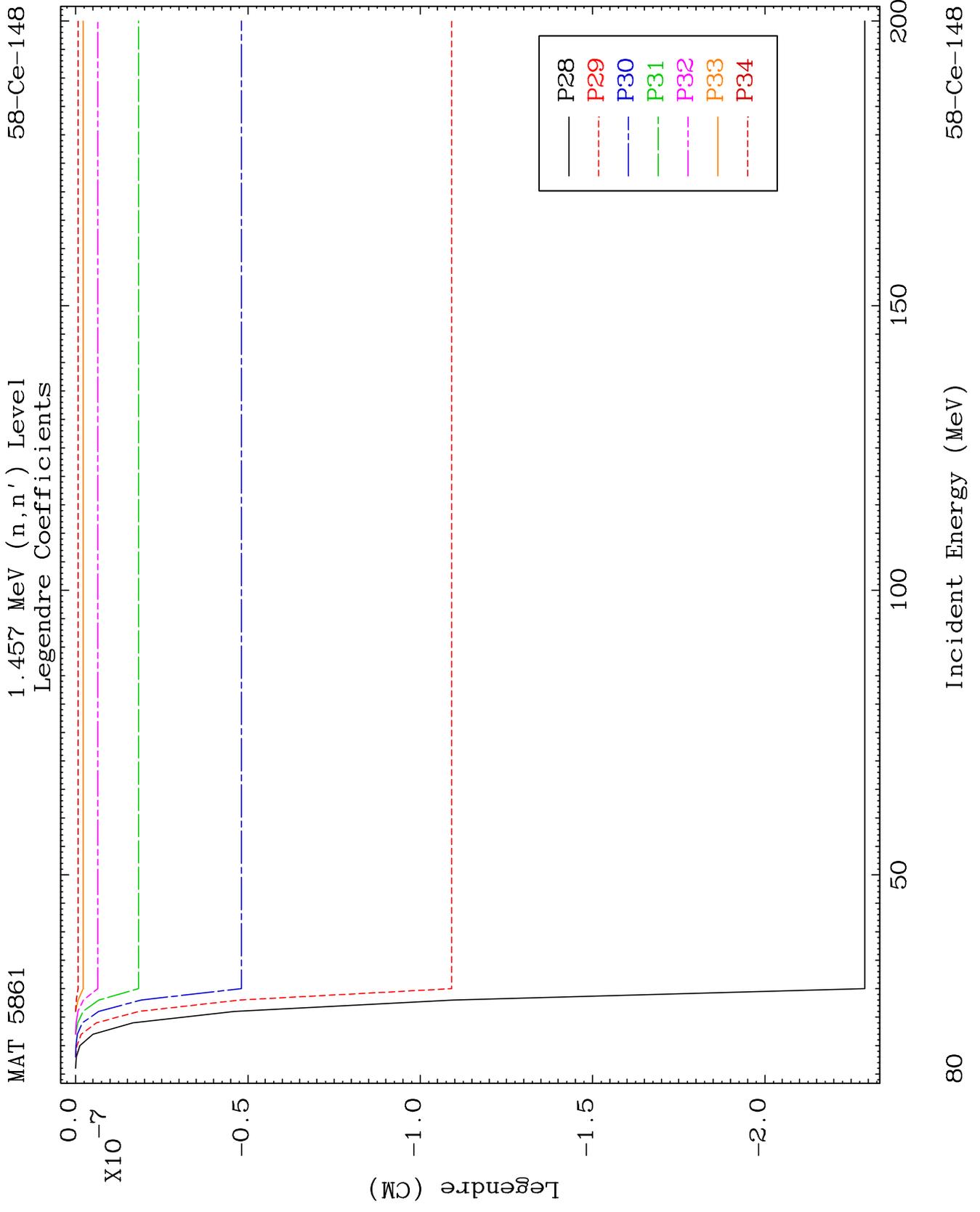


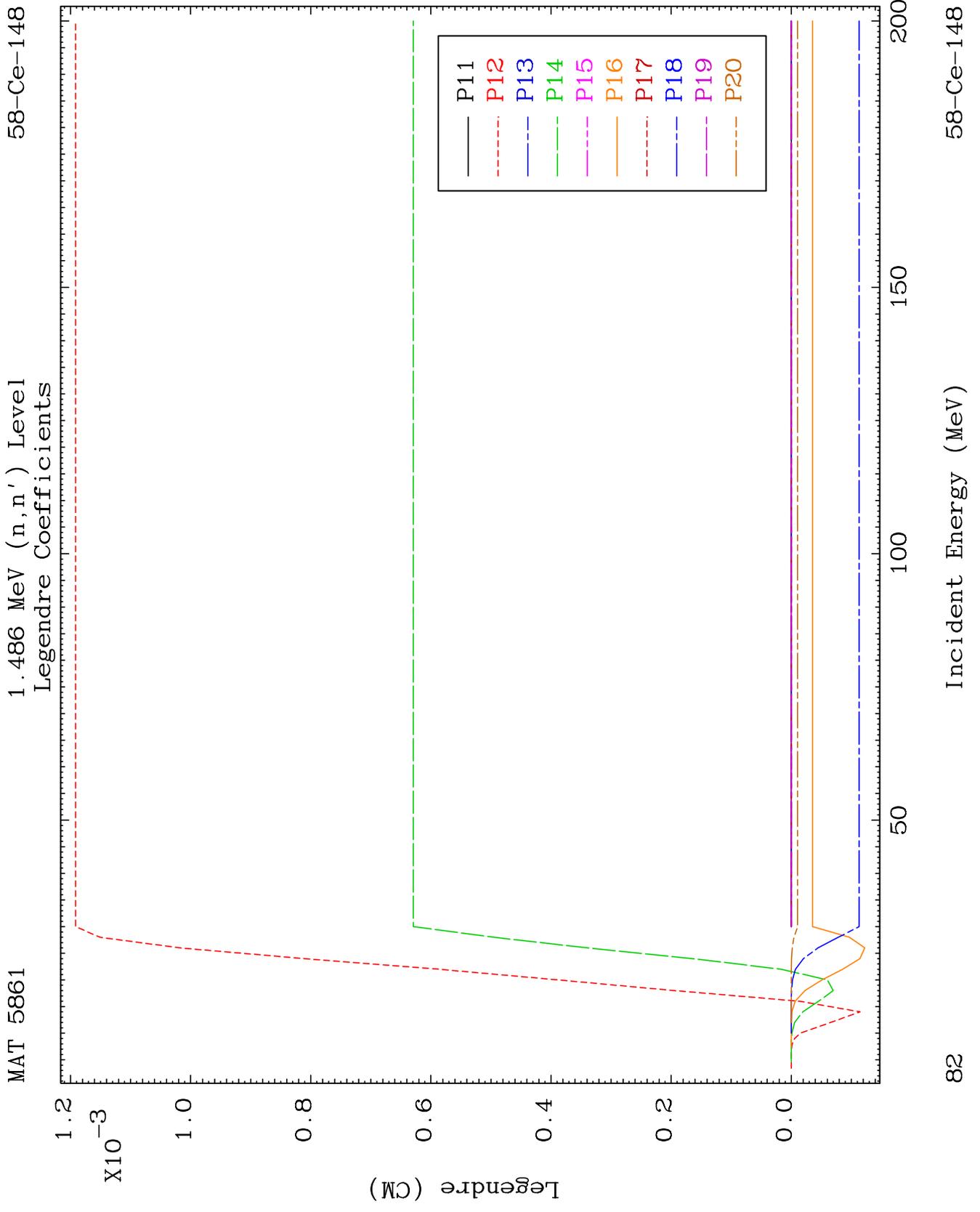
78

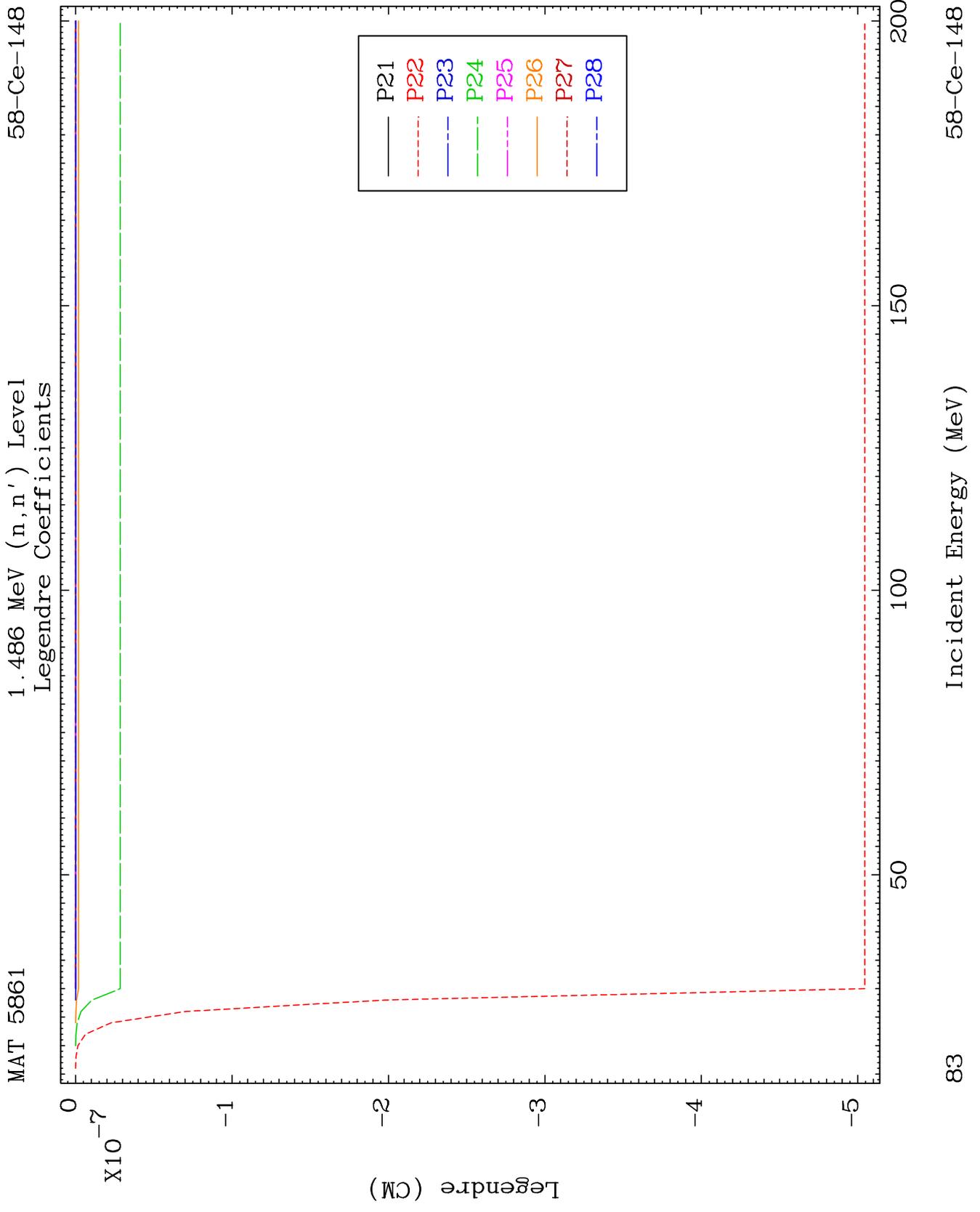
Incident Energy (MeV)

58-Ce-148





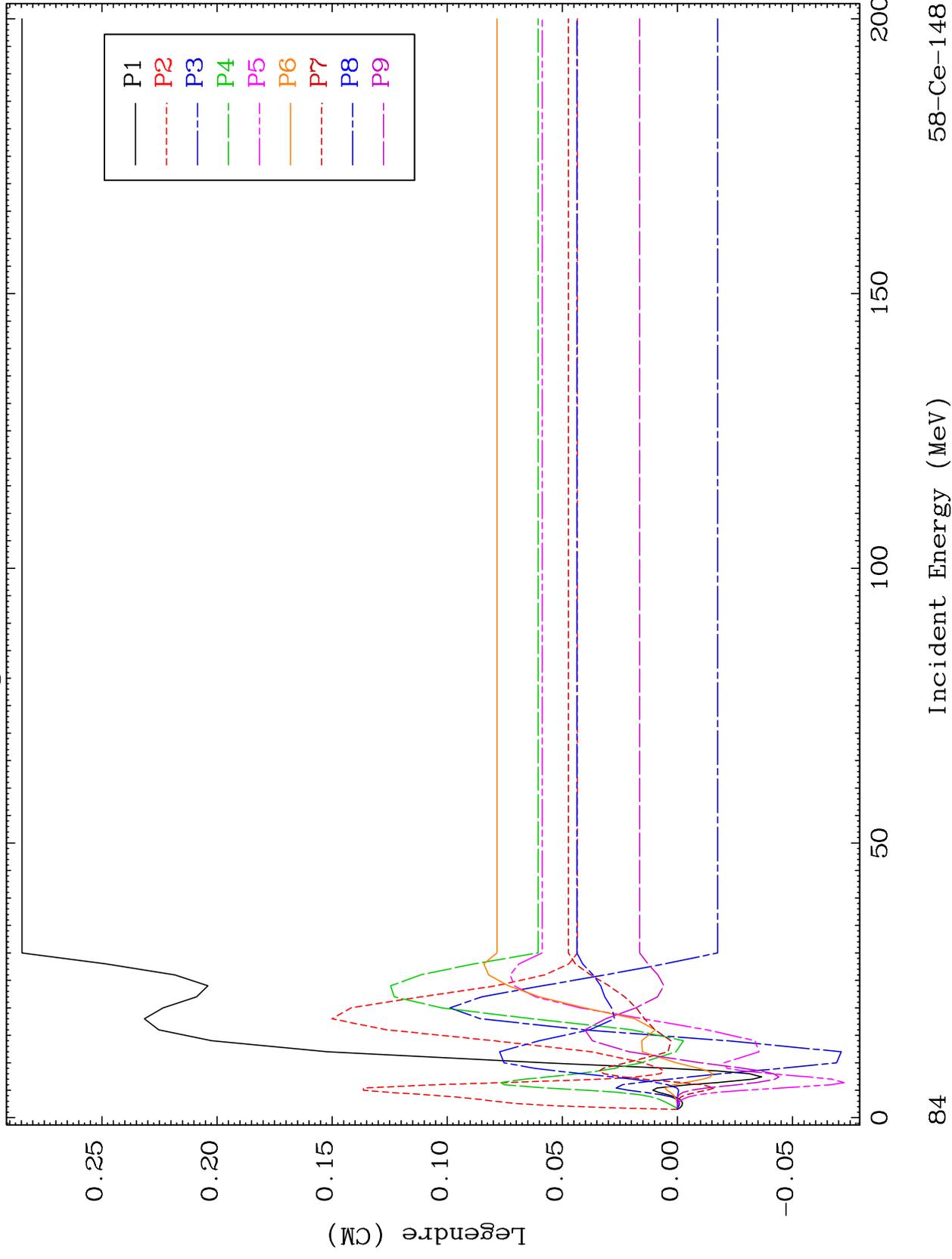




MAT 5861

1.497 MeV (n,n') Level
Legendre Coefficients

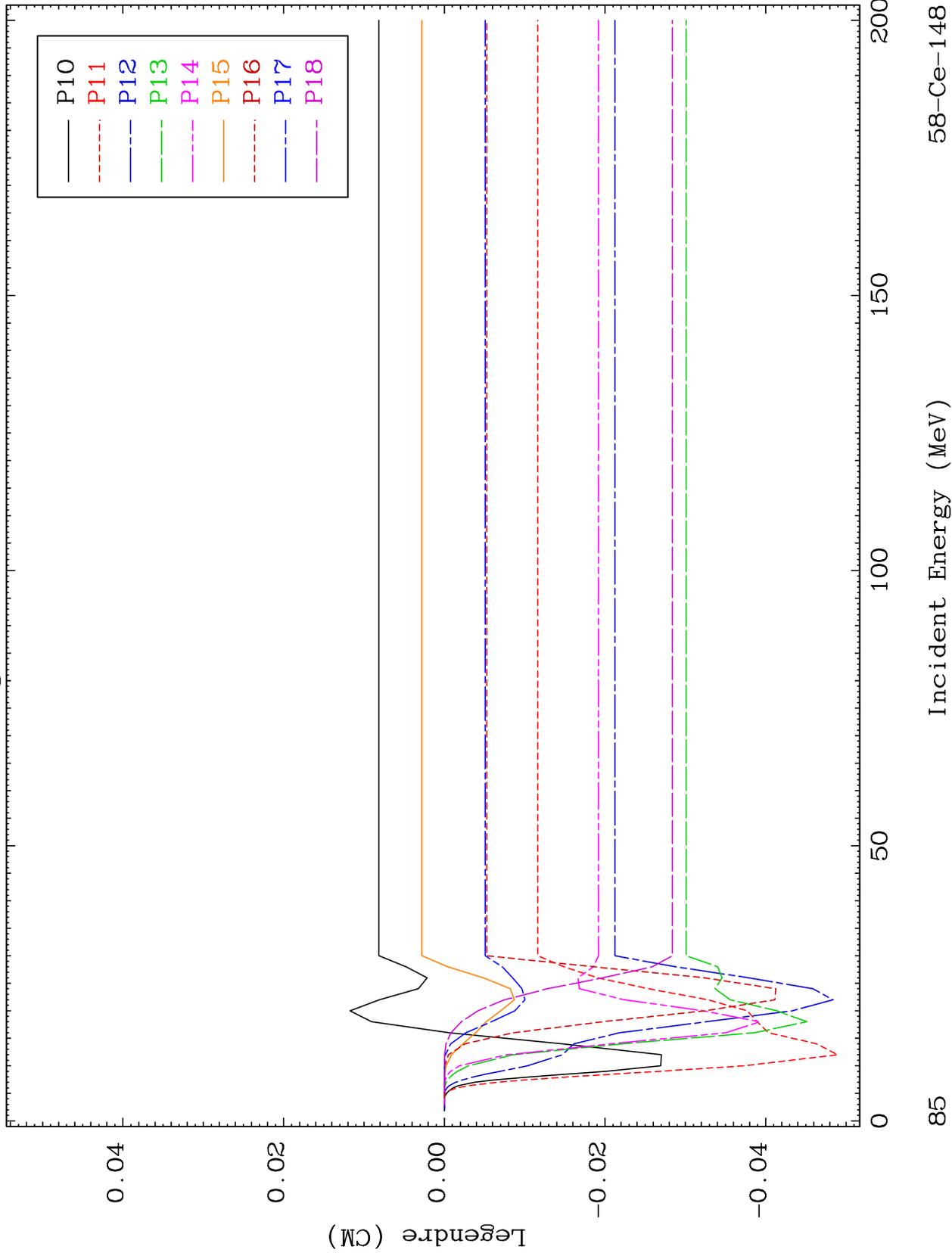
58-Ce-148



MAT 5861

1.497 MeV (n,n') Level
Legendre Coefficients

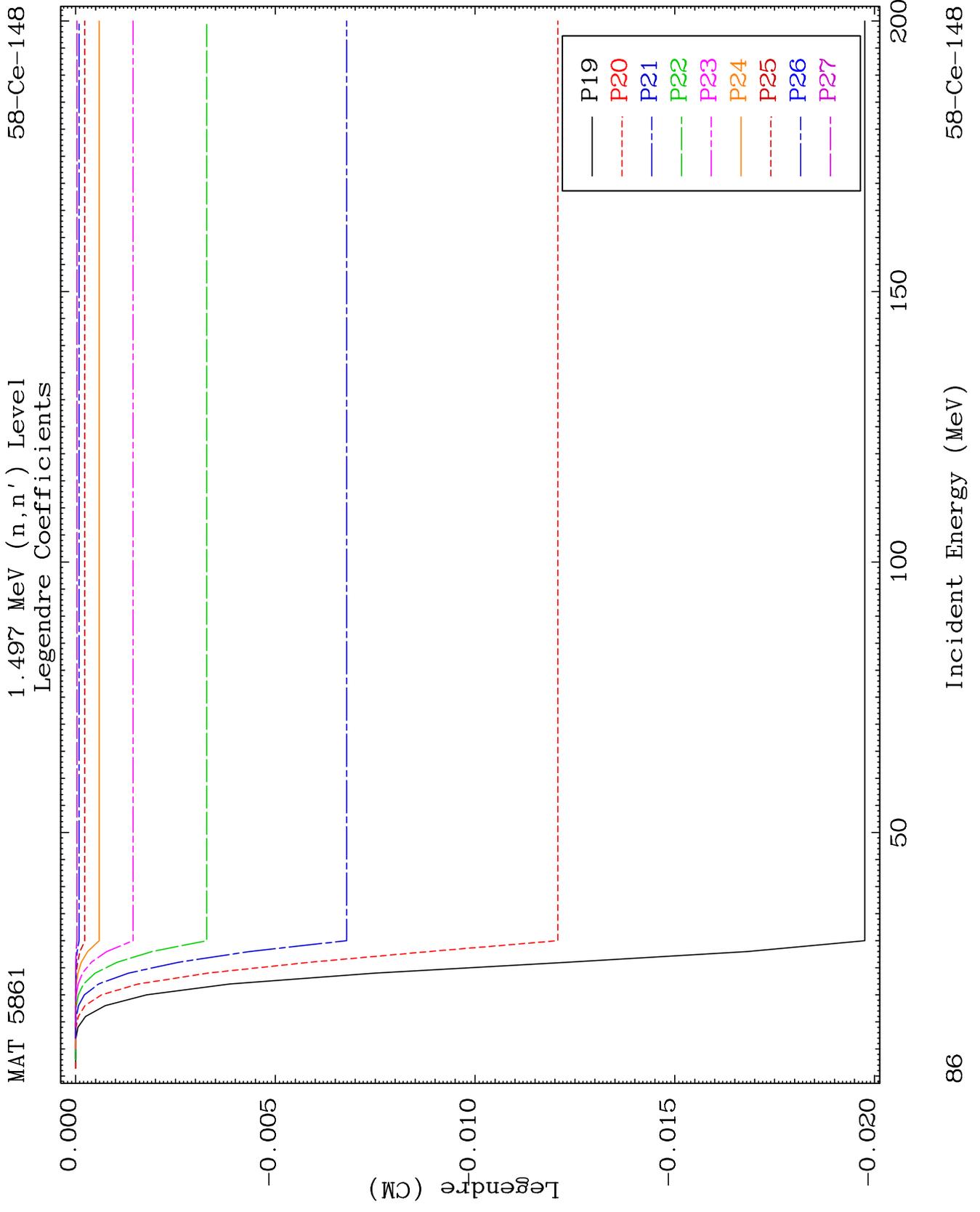
58-Ce-148

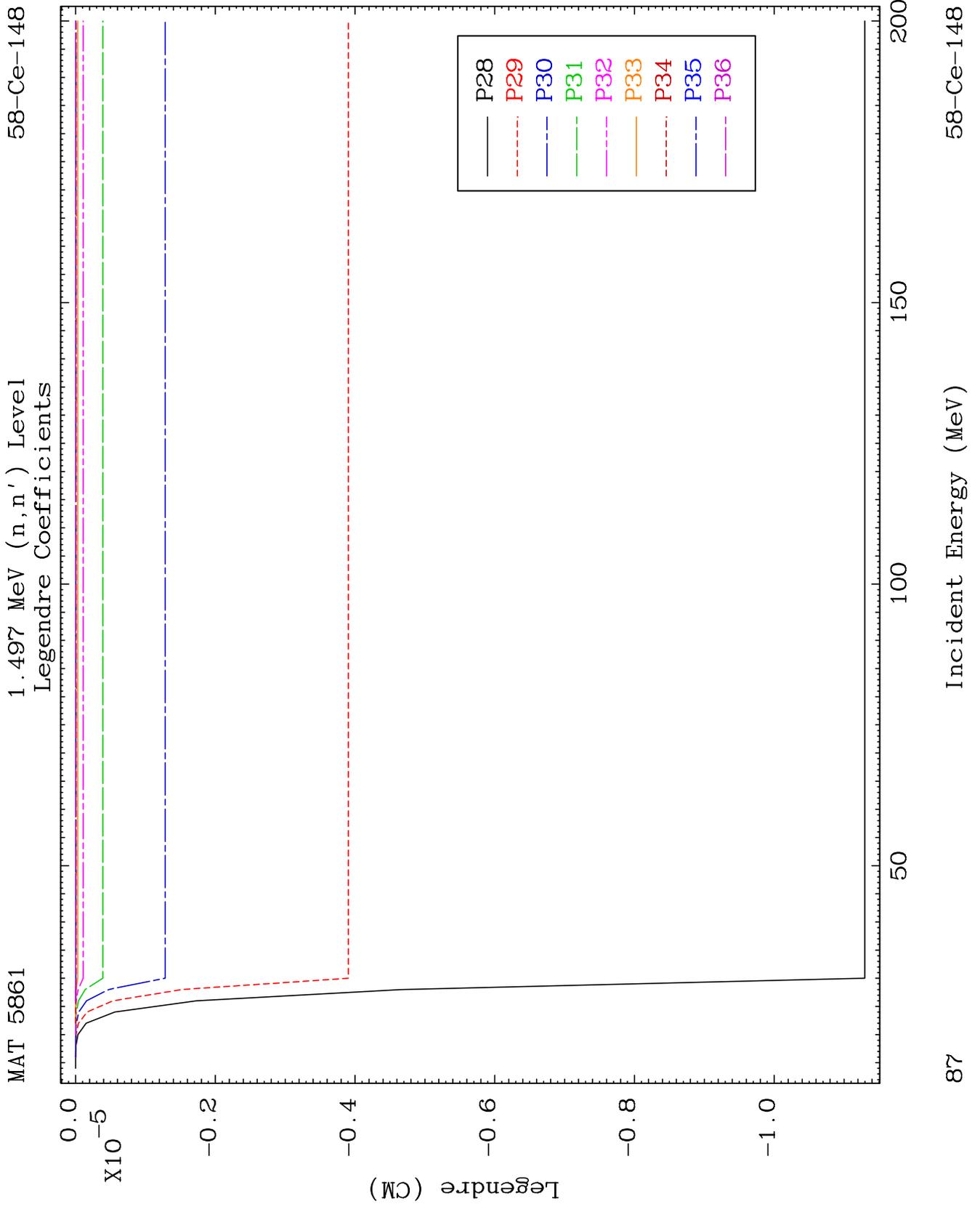


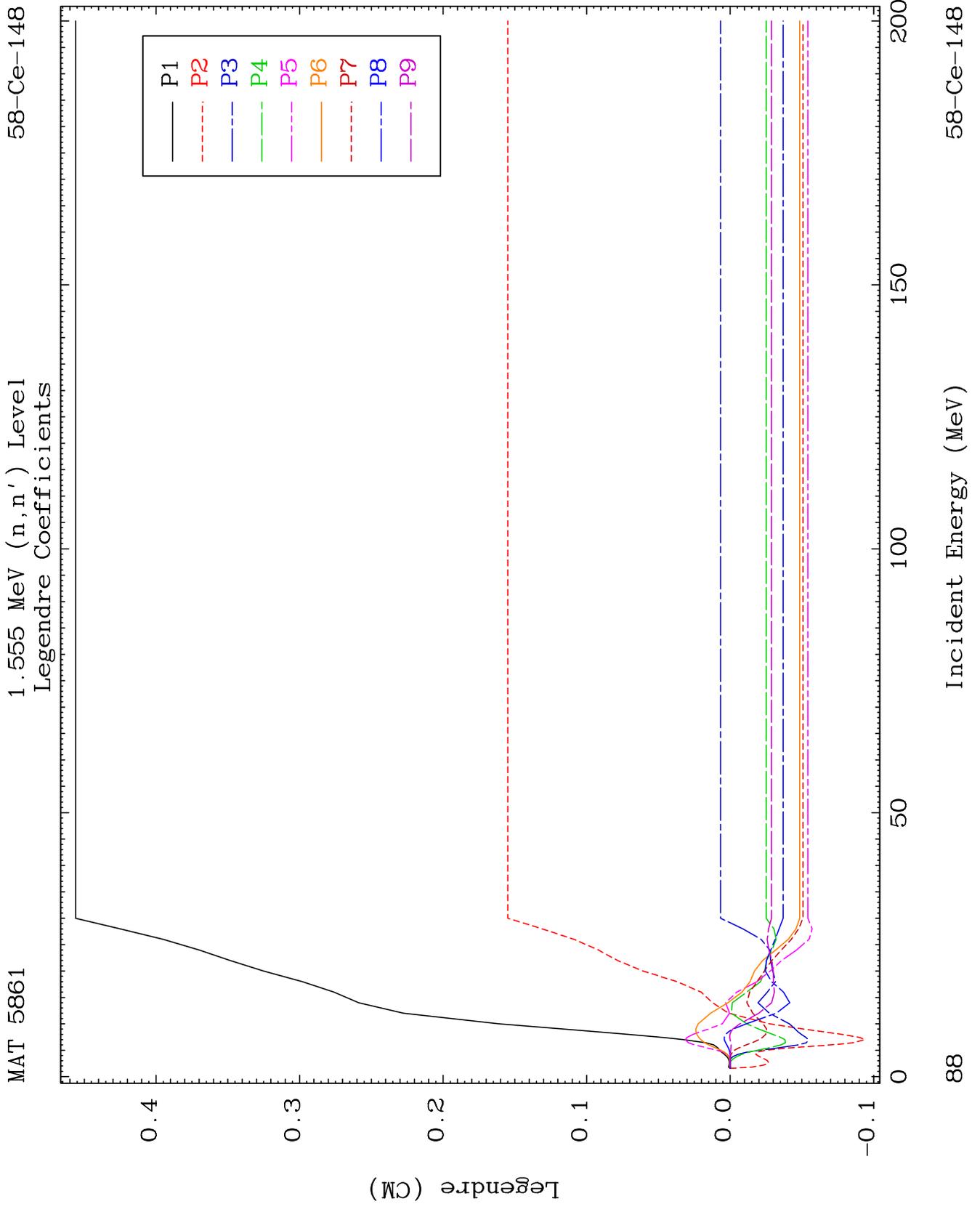
58-Ce-148

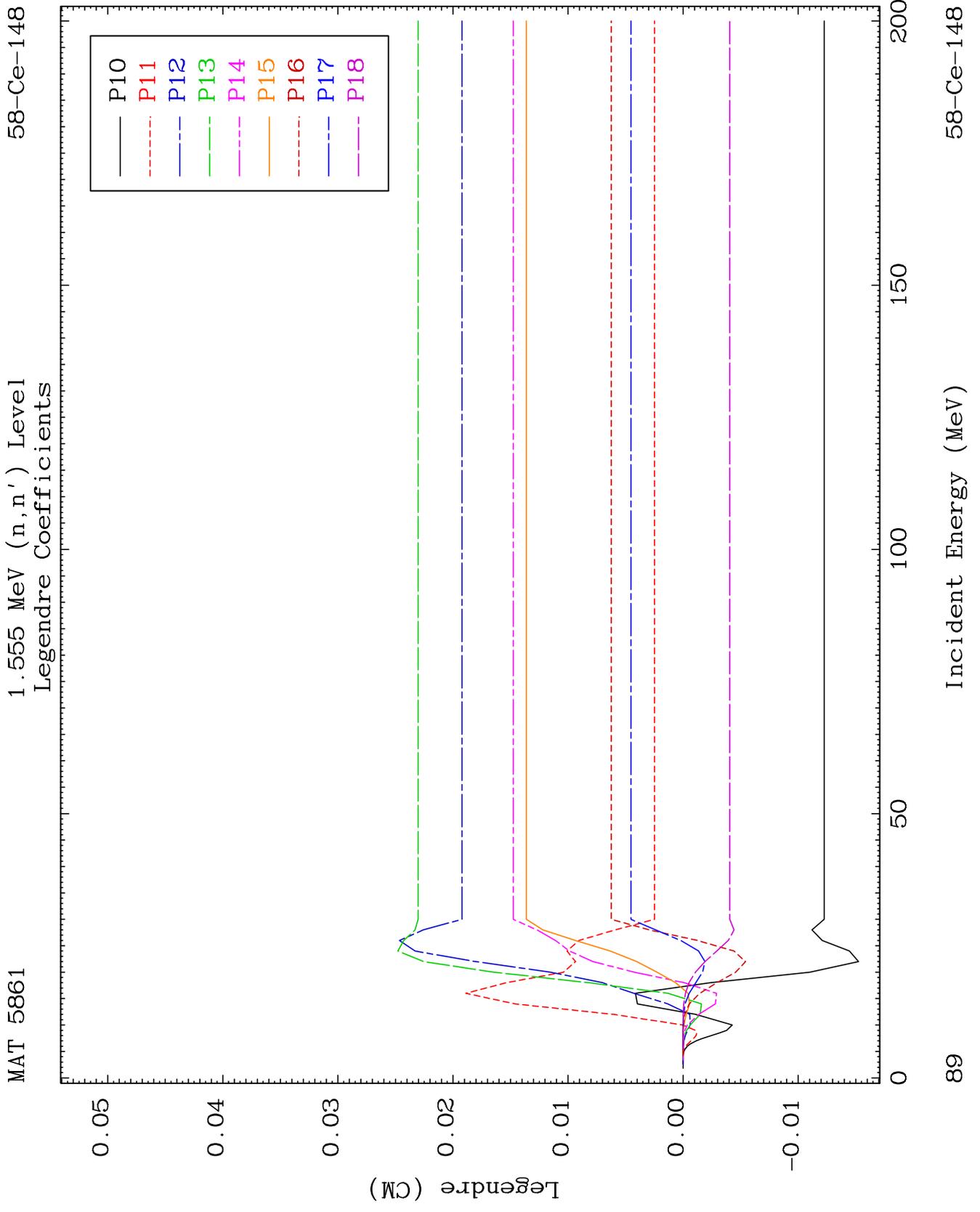
Incident Energy (MeV)

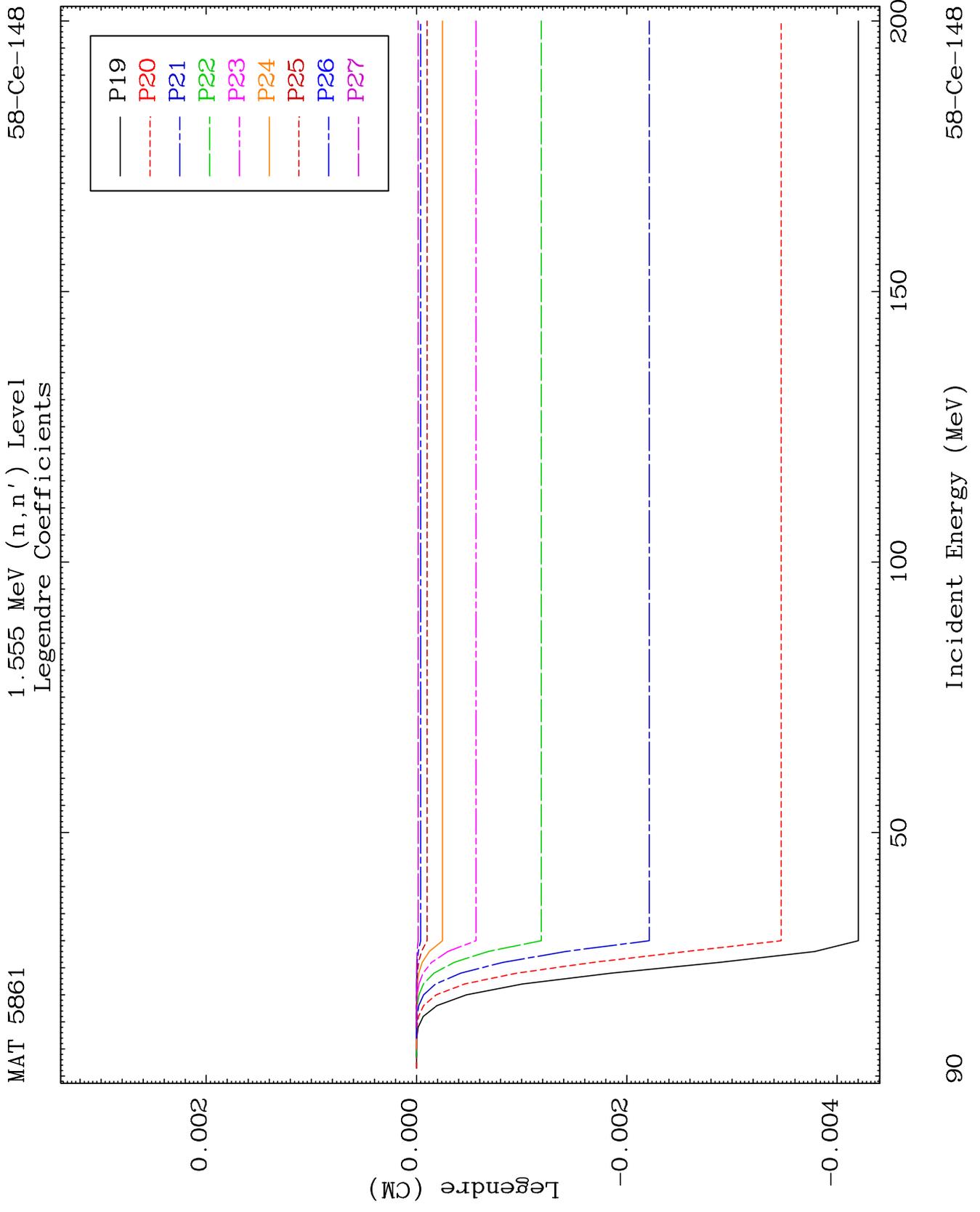
85

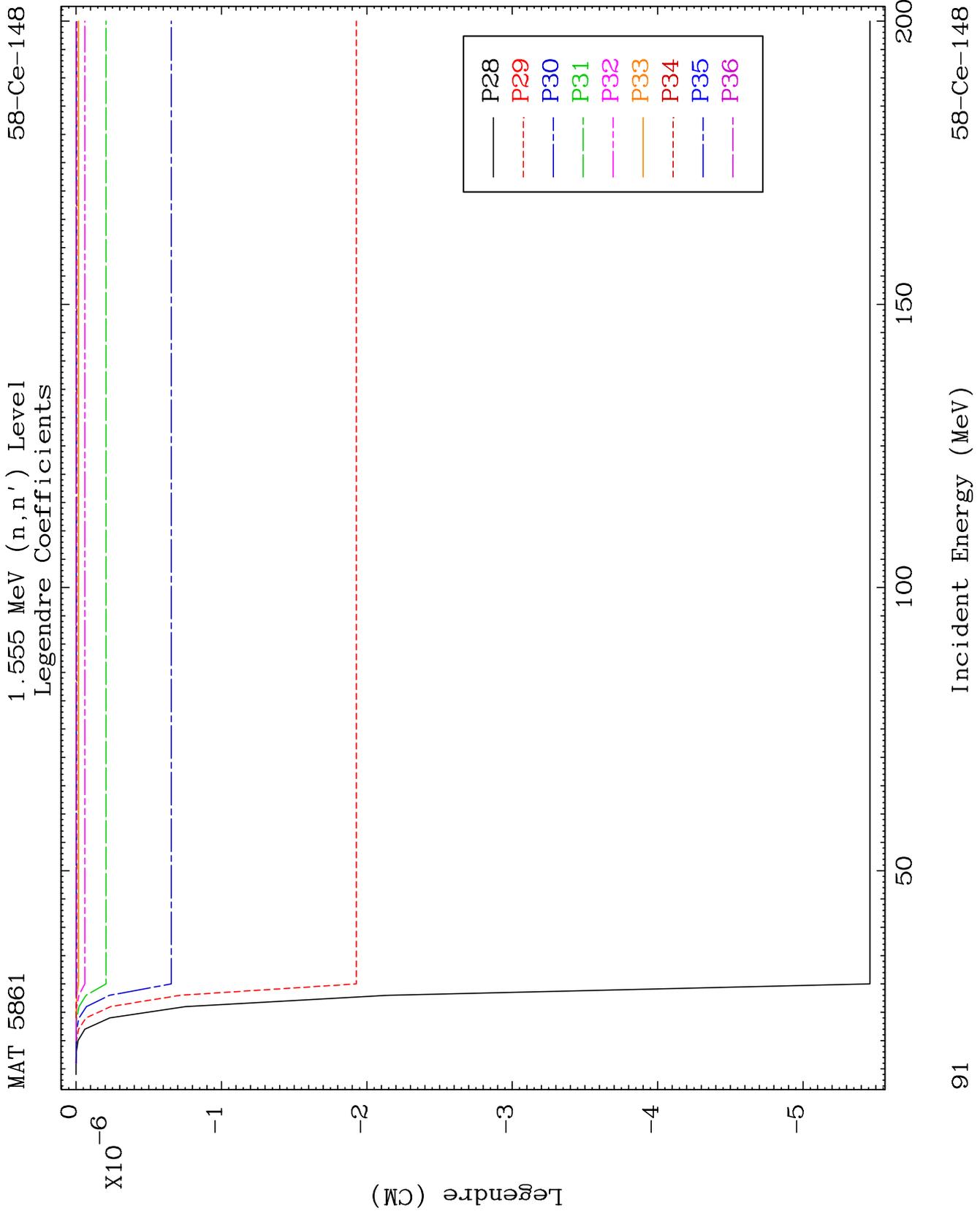


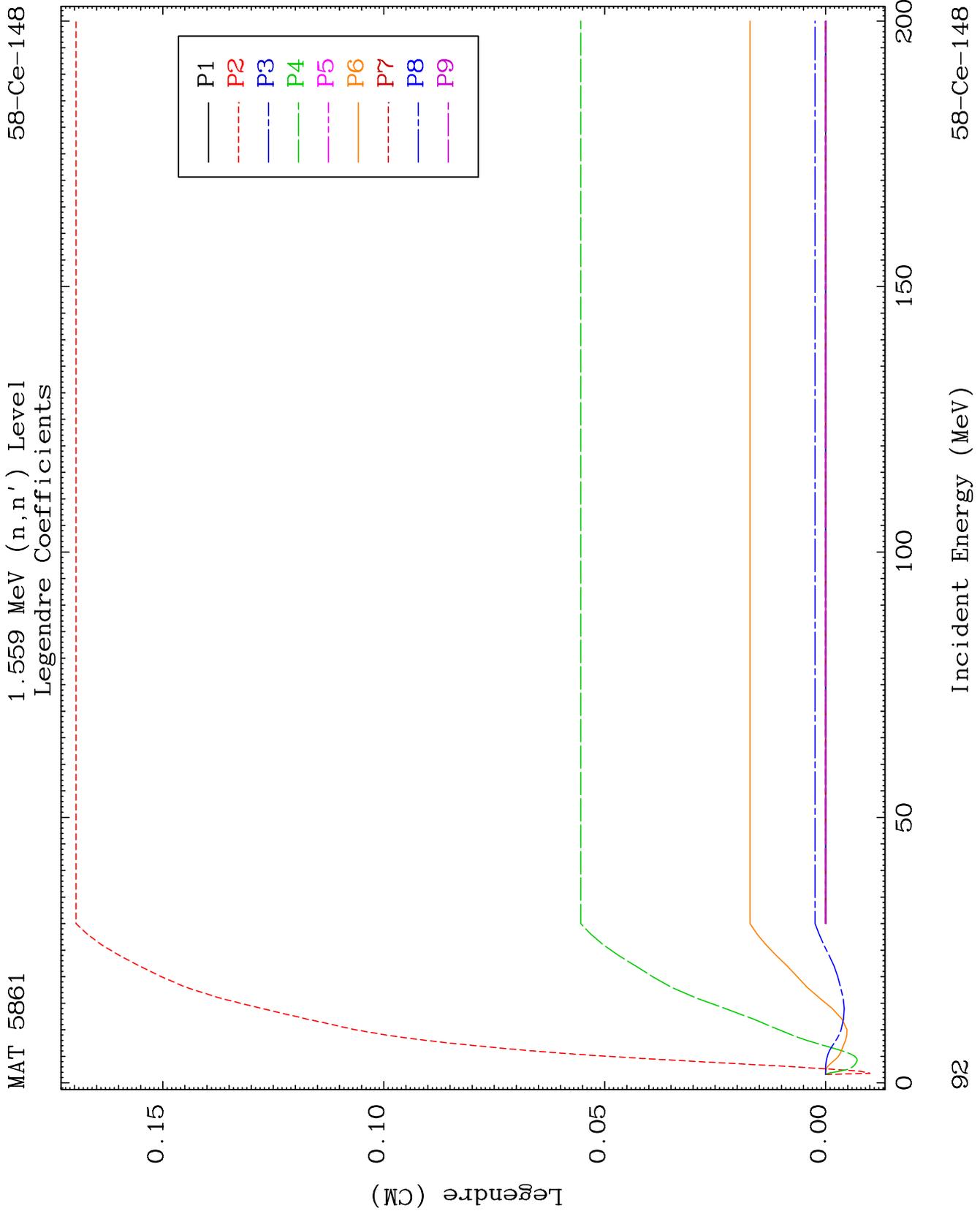








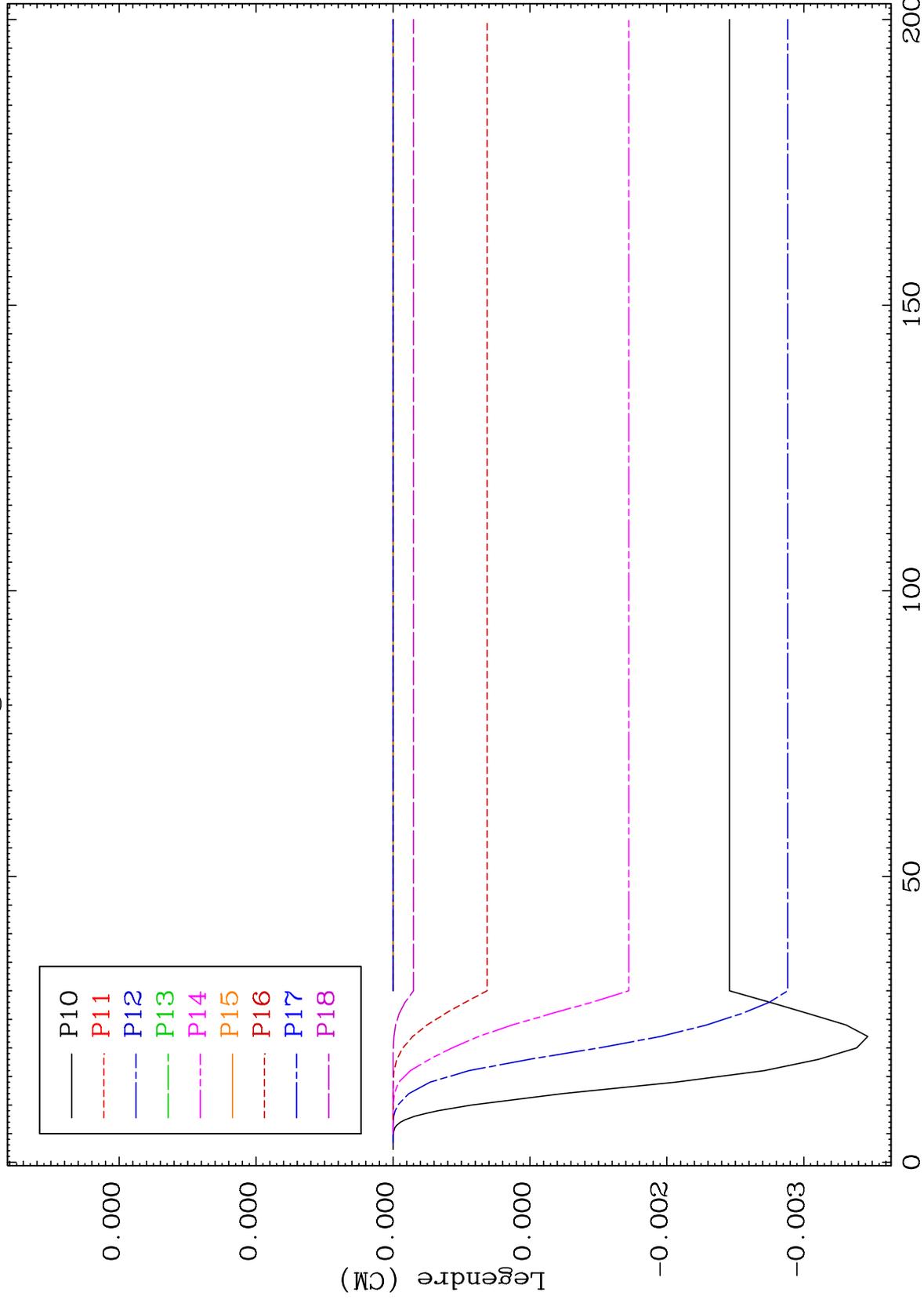




MAT 5861

1.559 MeV (n,n') Level
Legendre Coefficients

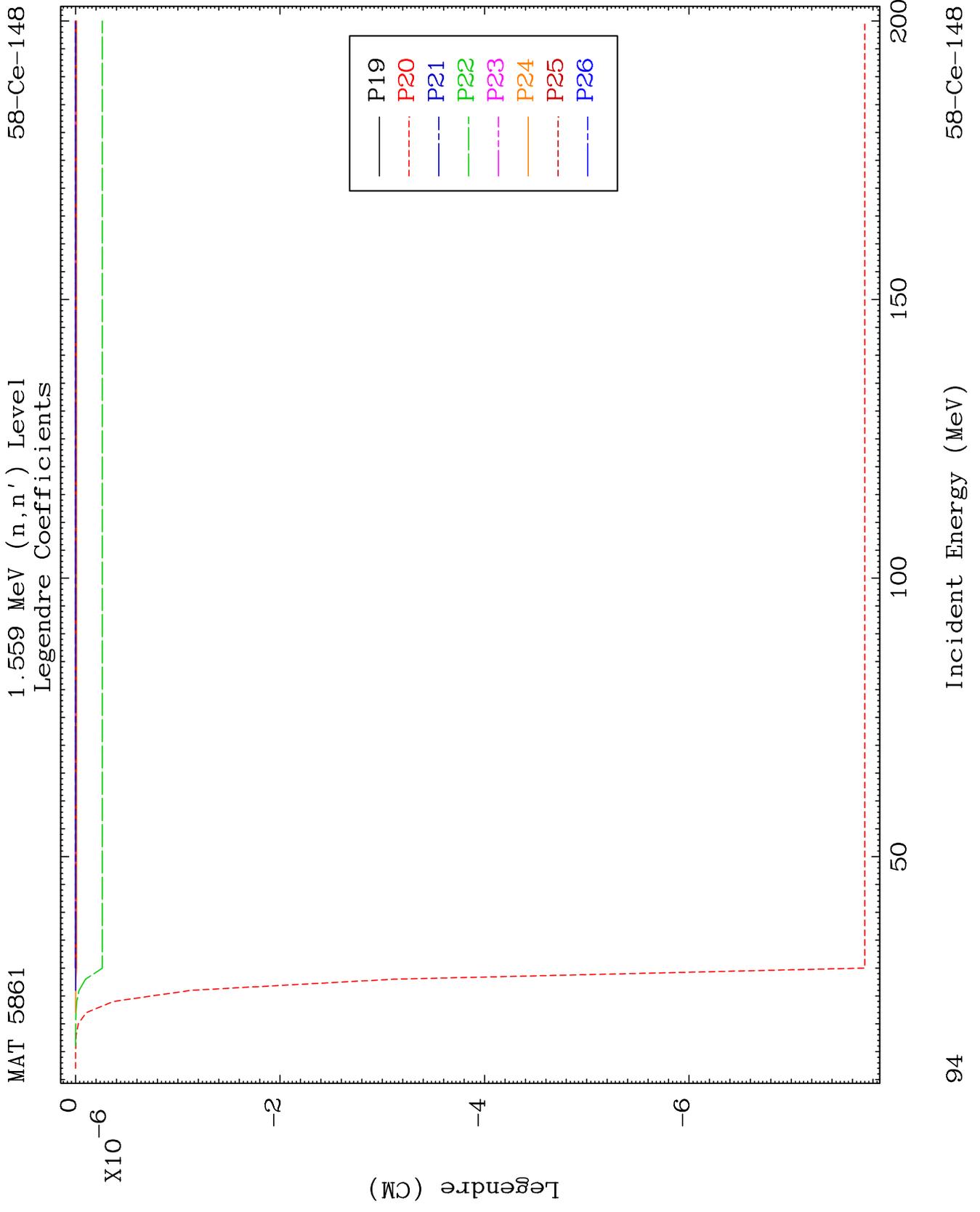
58-Ce-148



93

Incident Energy (MeV)

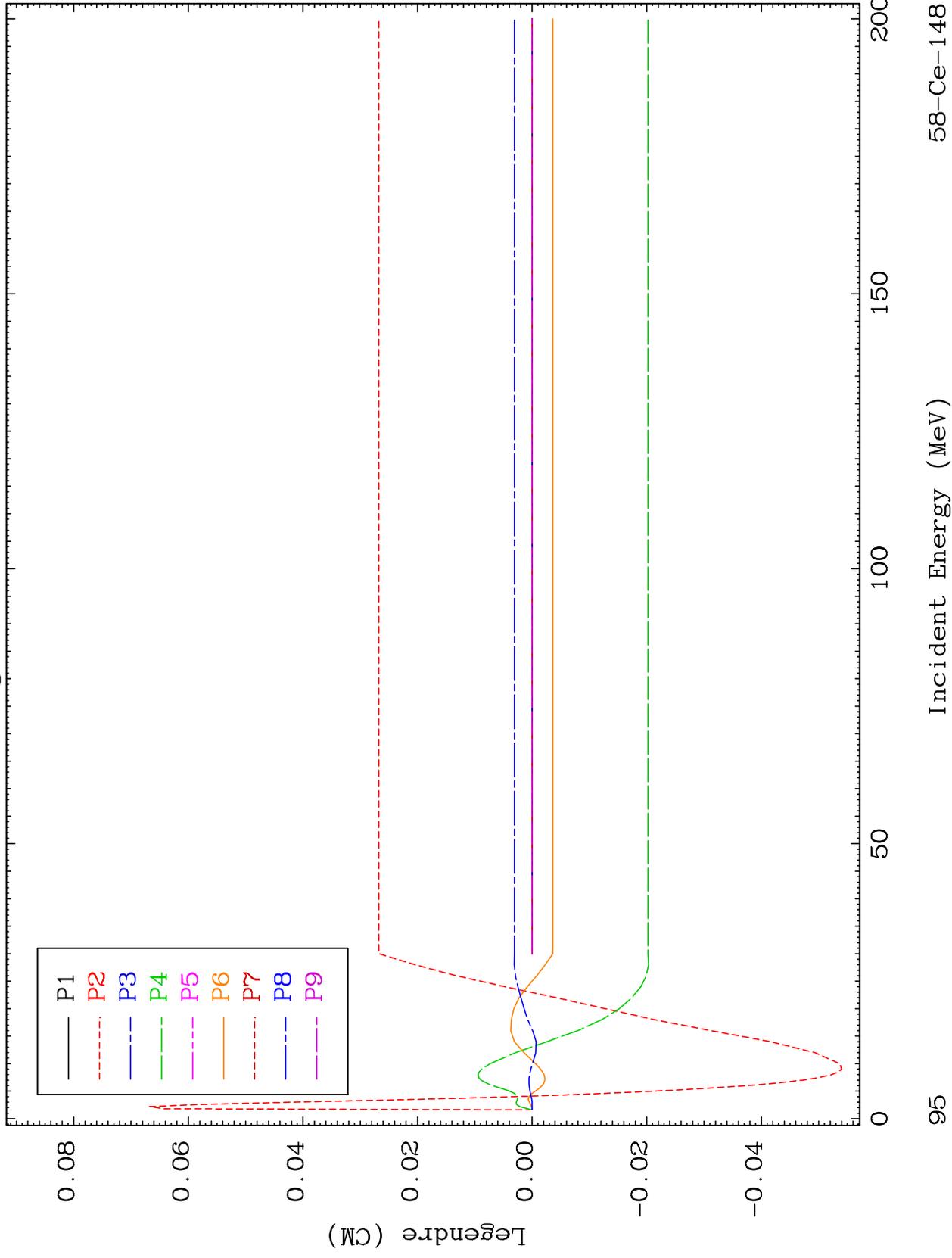
58-Ce-148



MAT 5861

1.584 MeV (n,n') Level
Legendre Coefficients

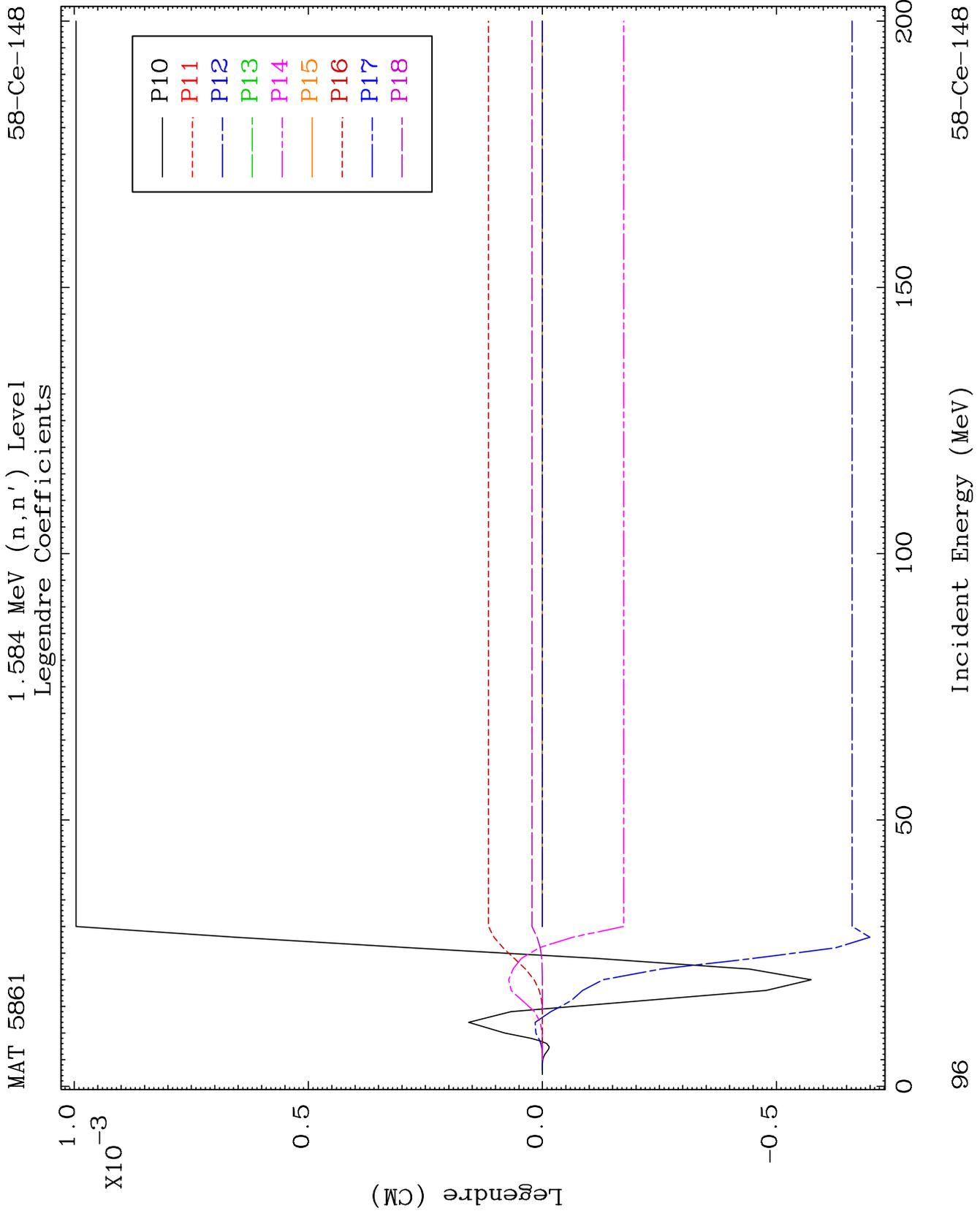
58-Ce-148

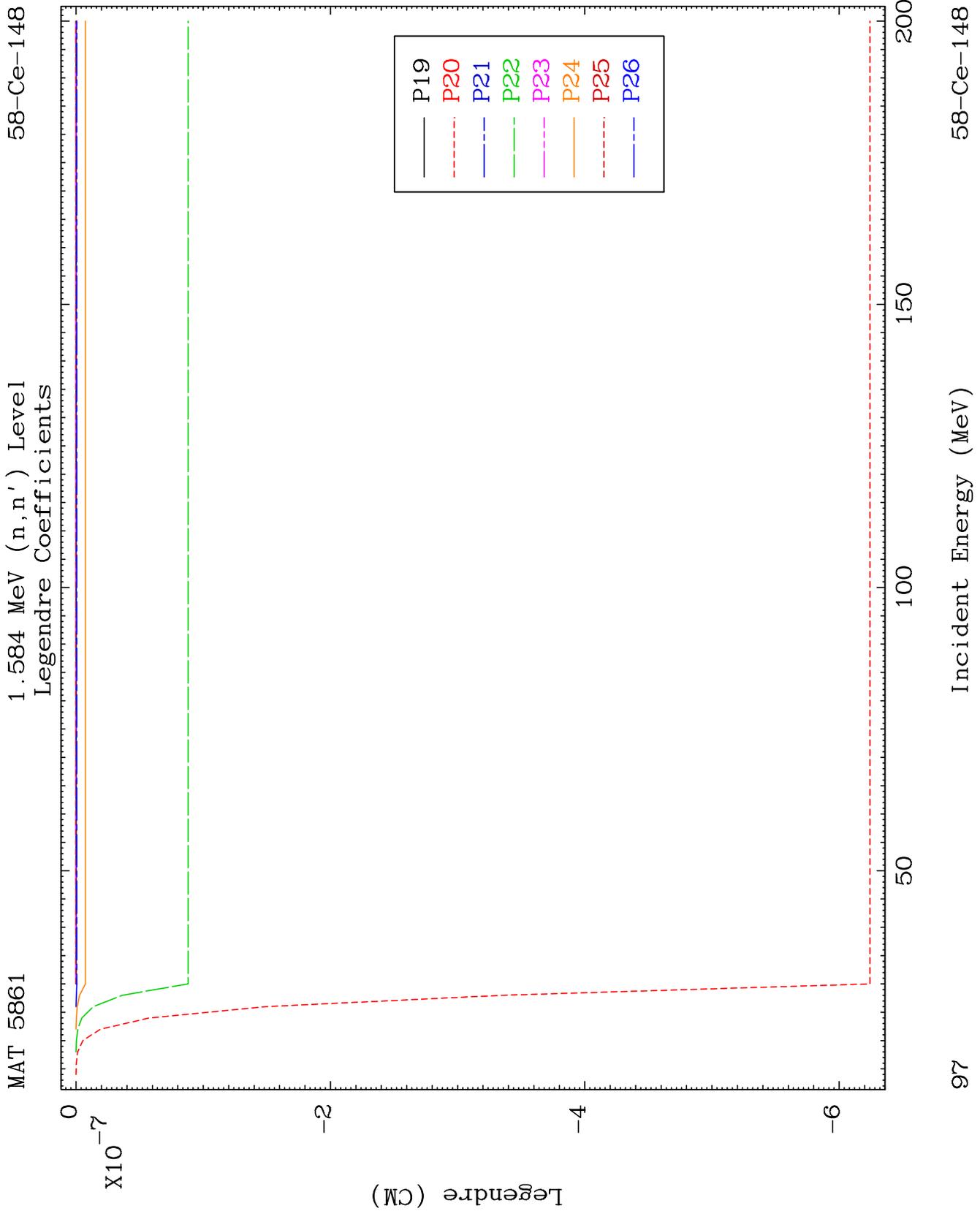


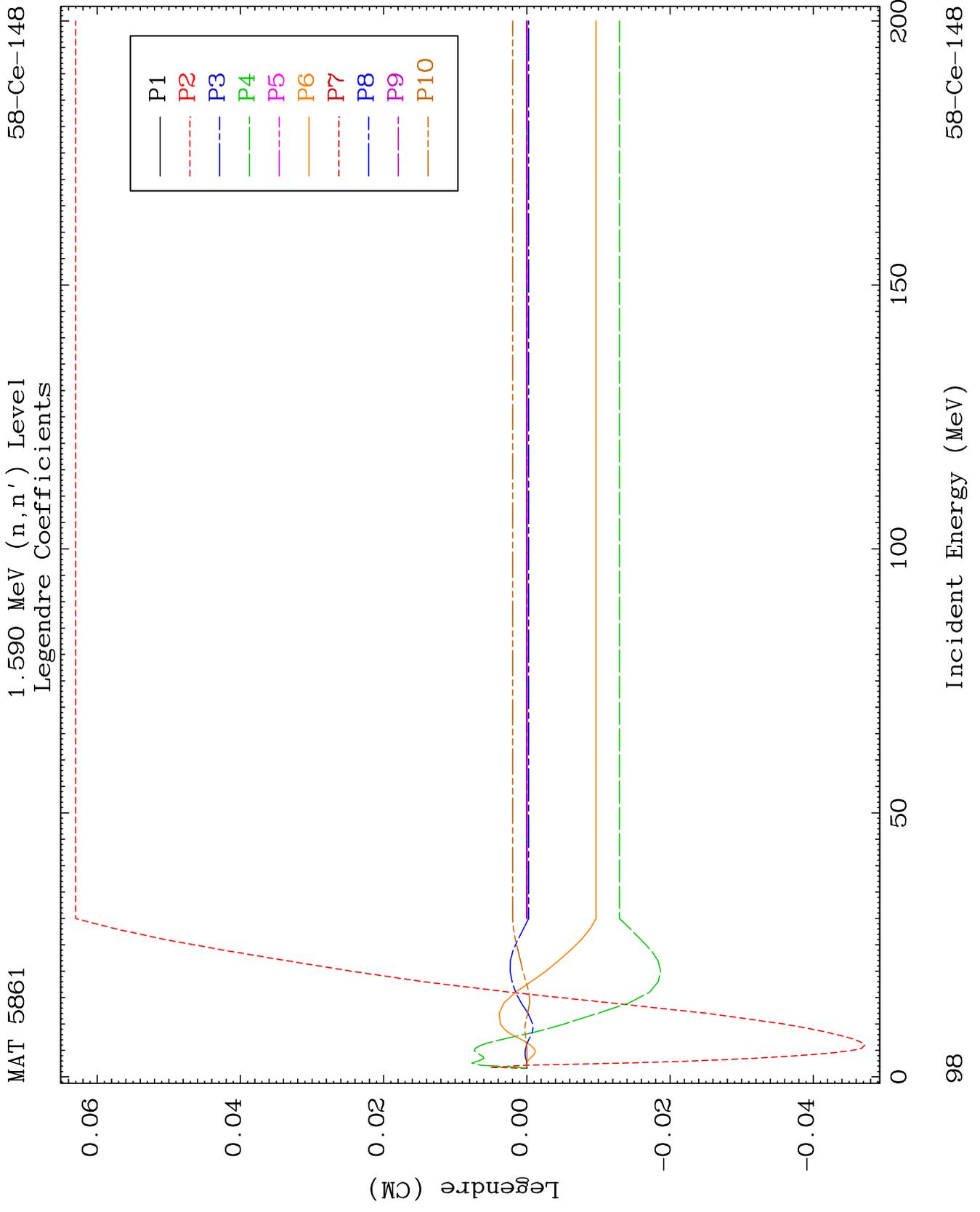
58-Ce-148

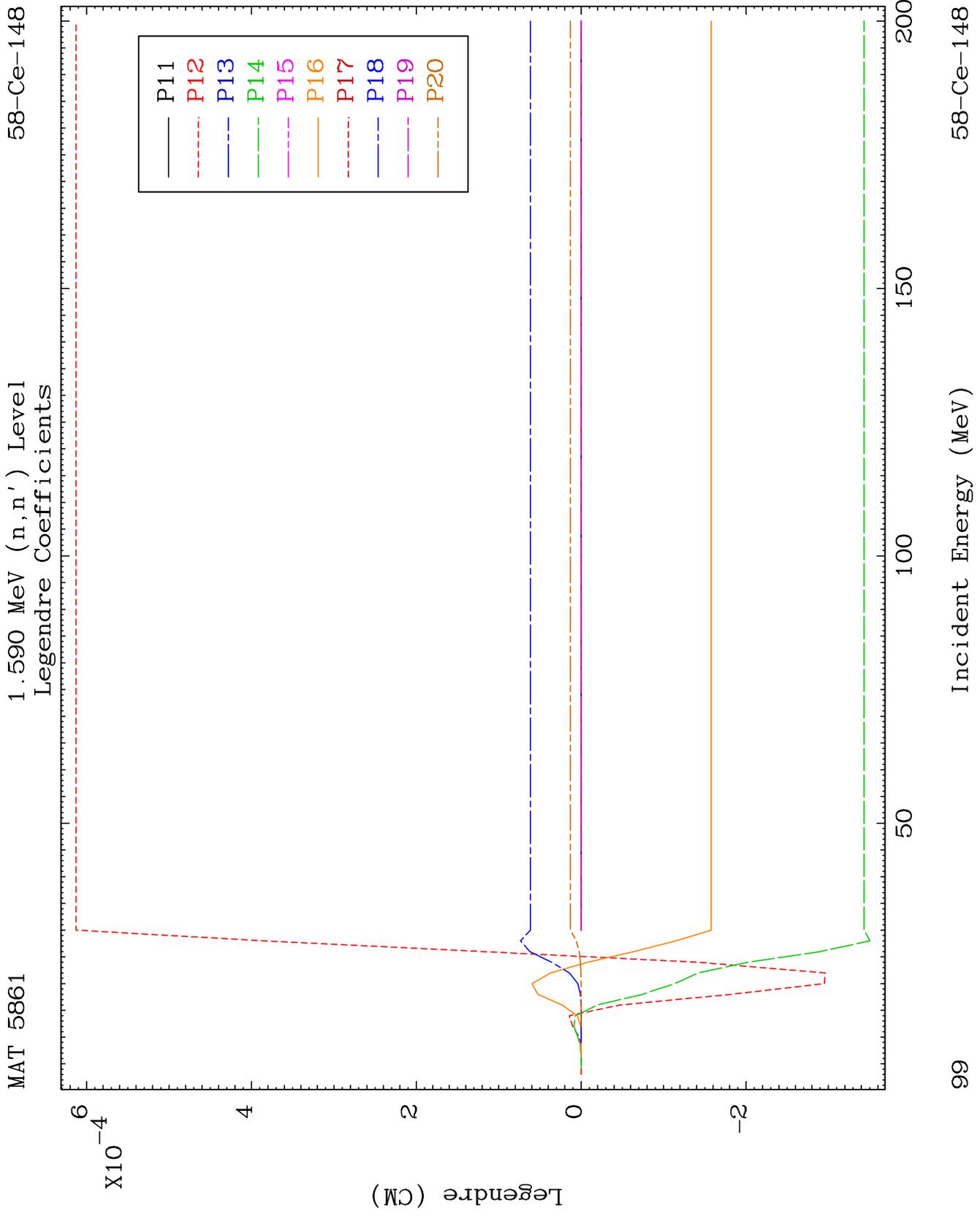
Incident Energy (MeV)

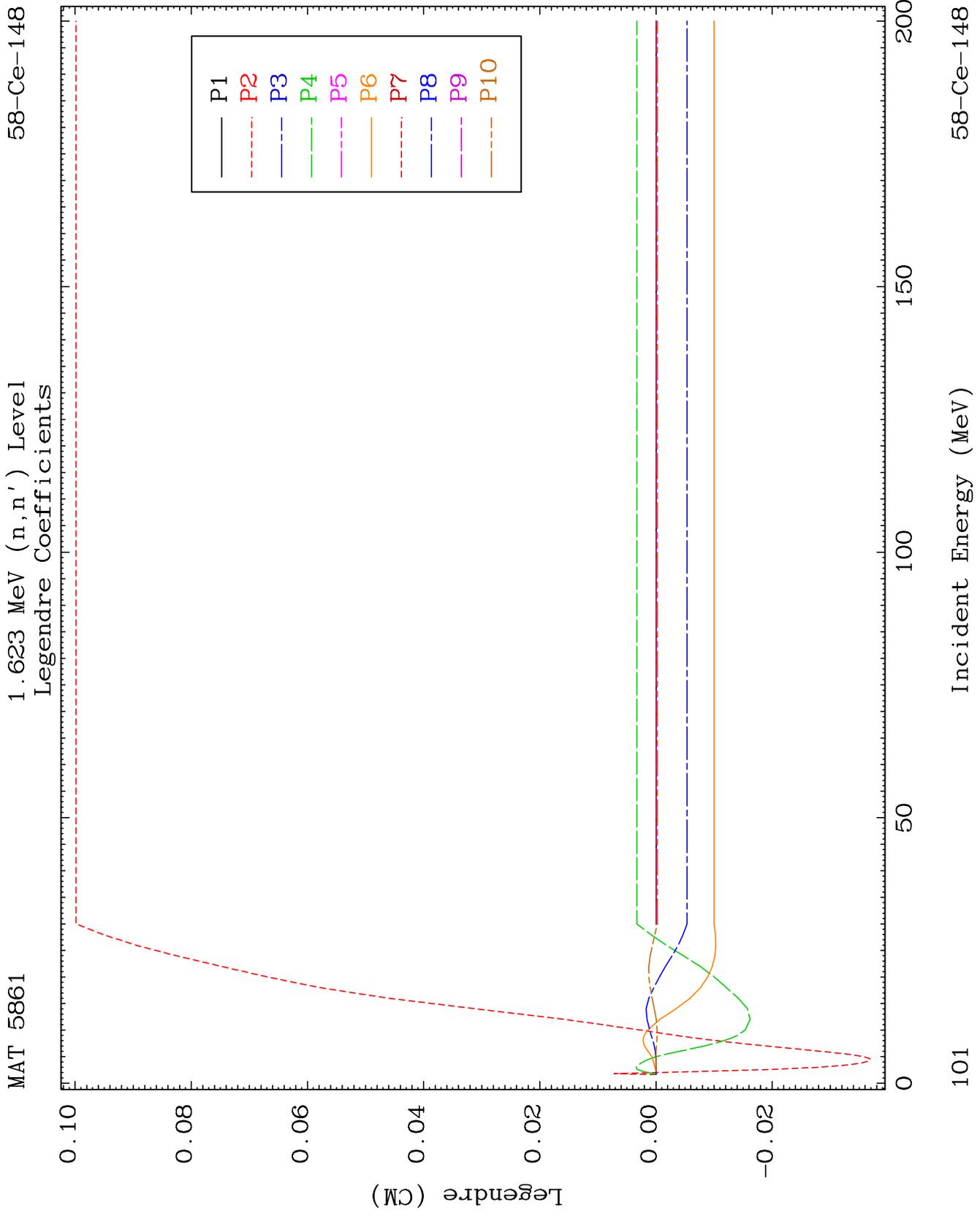
95

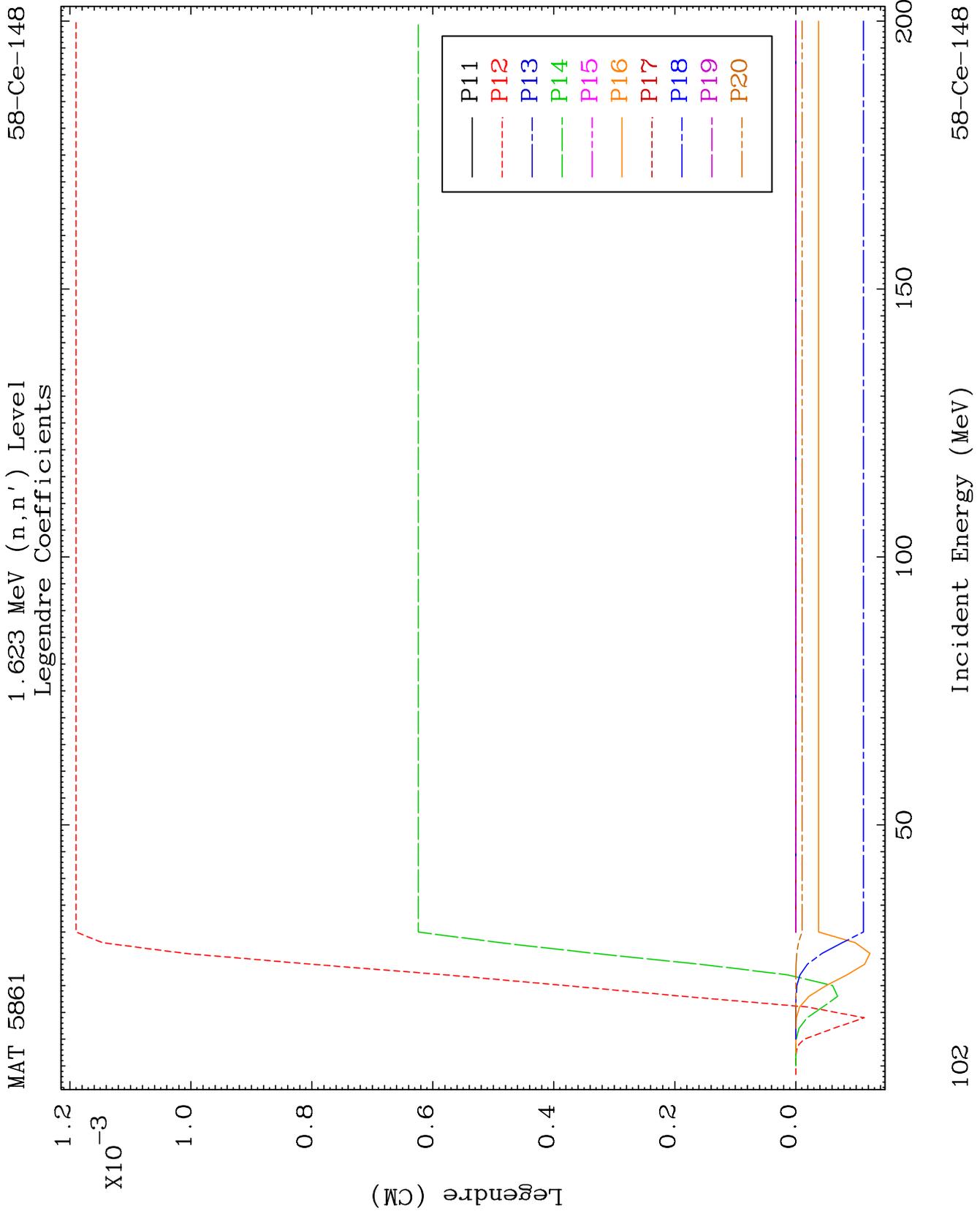


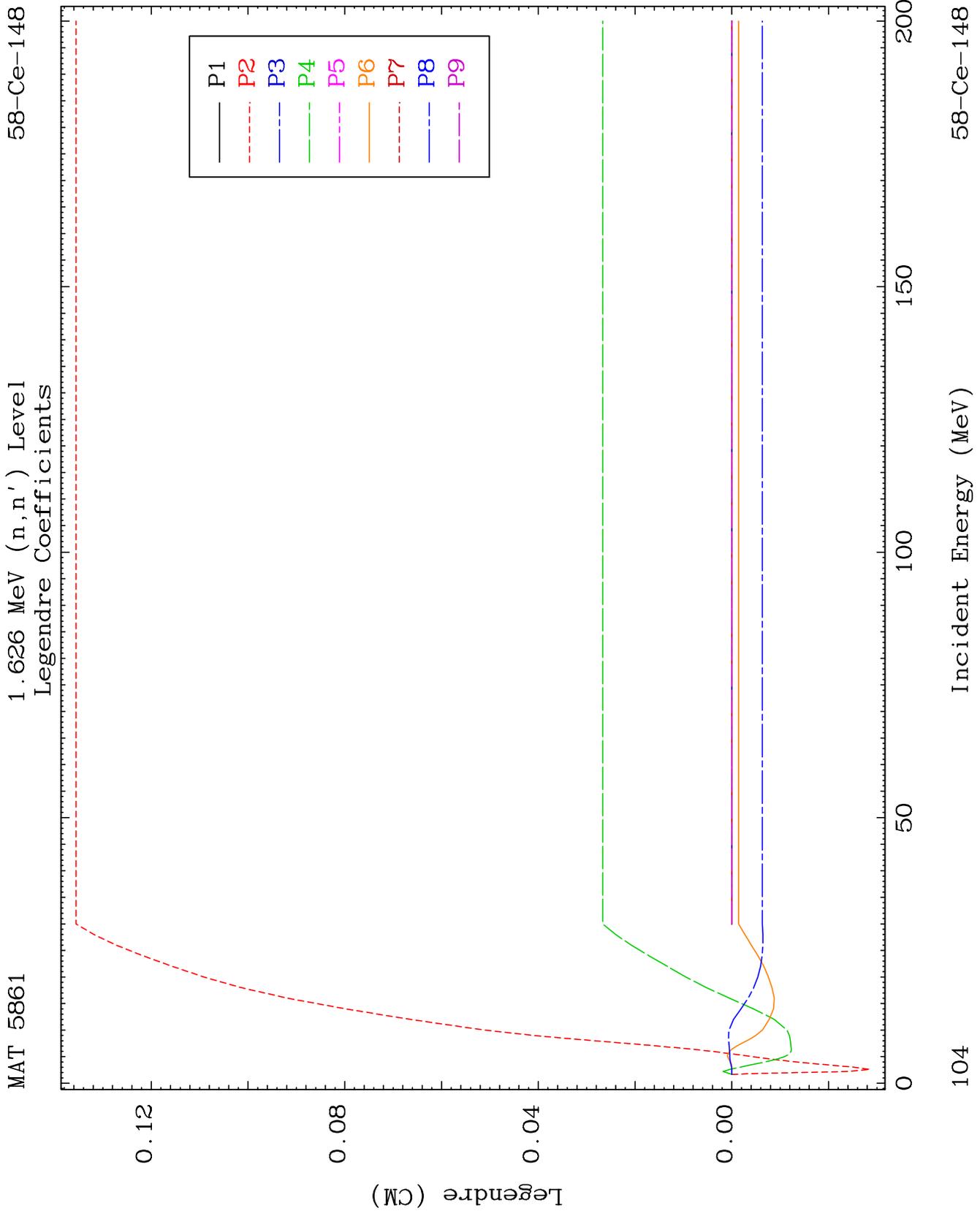


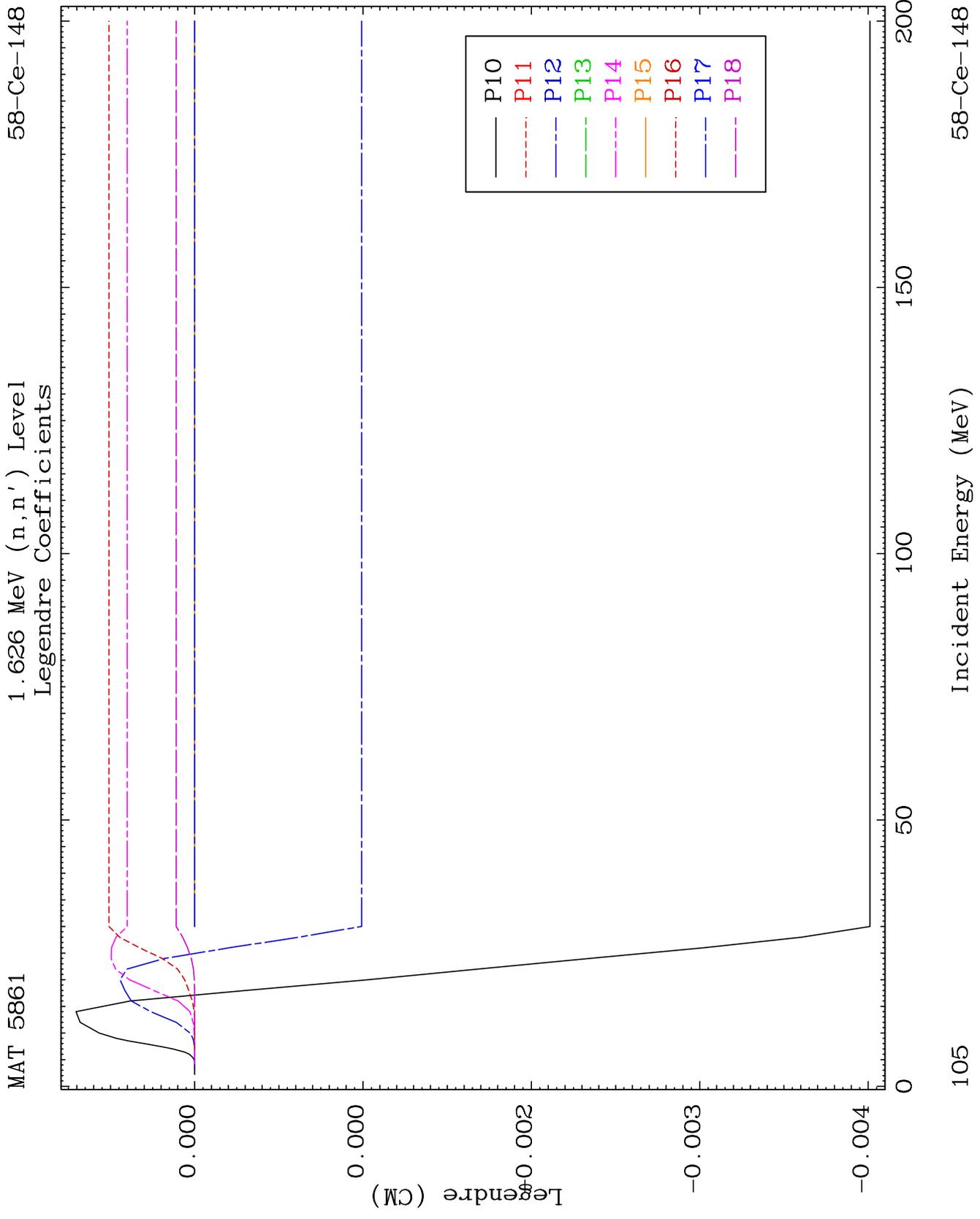


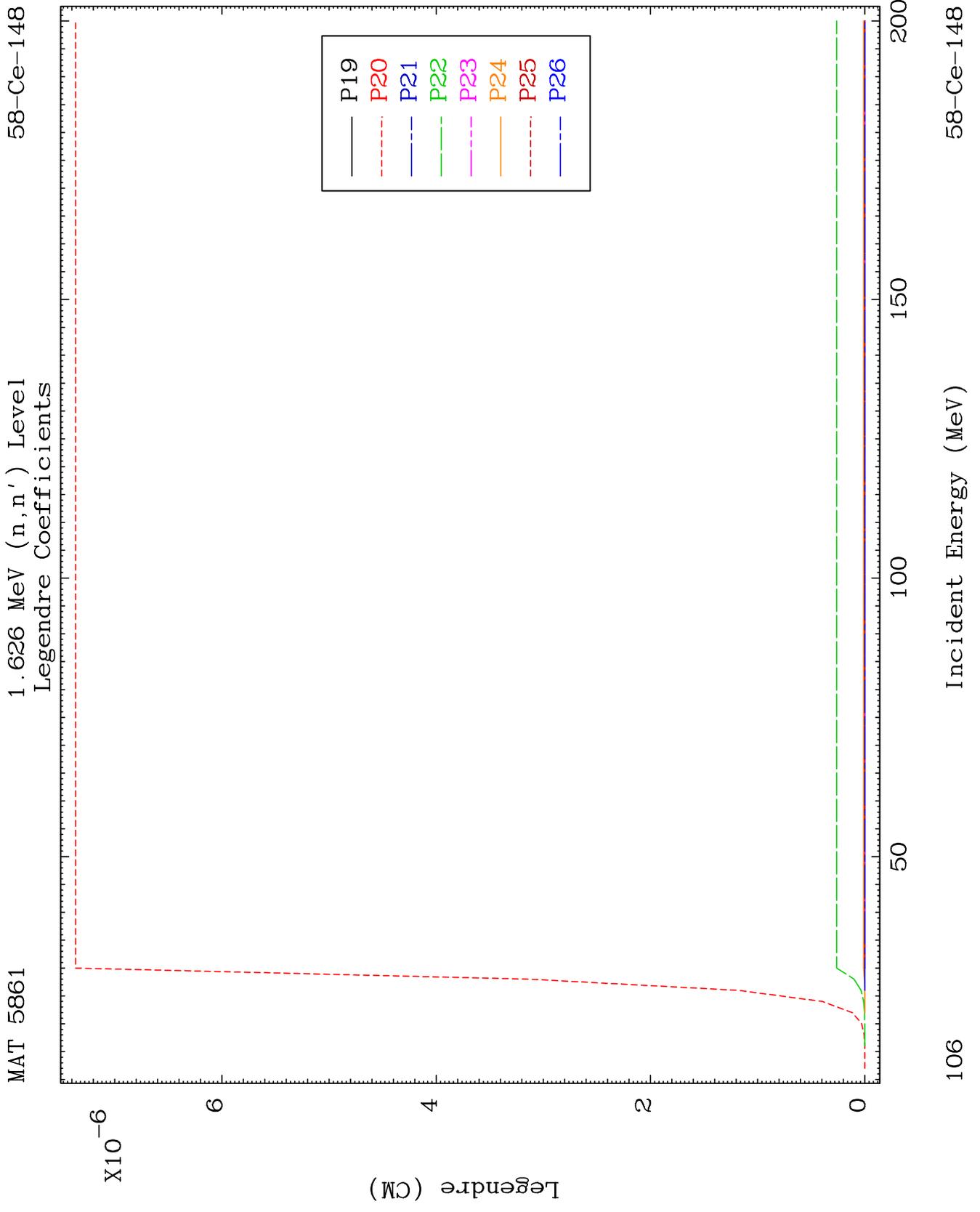








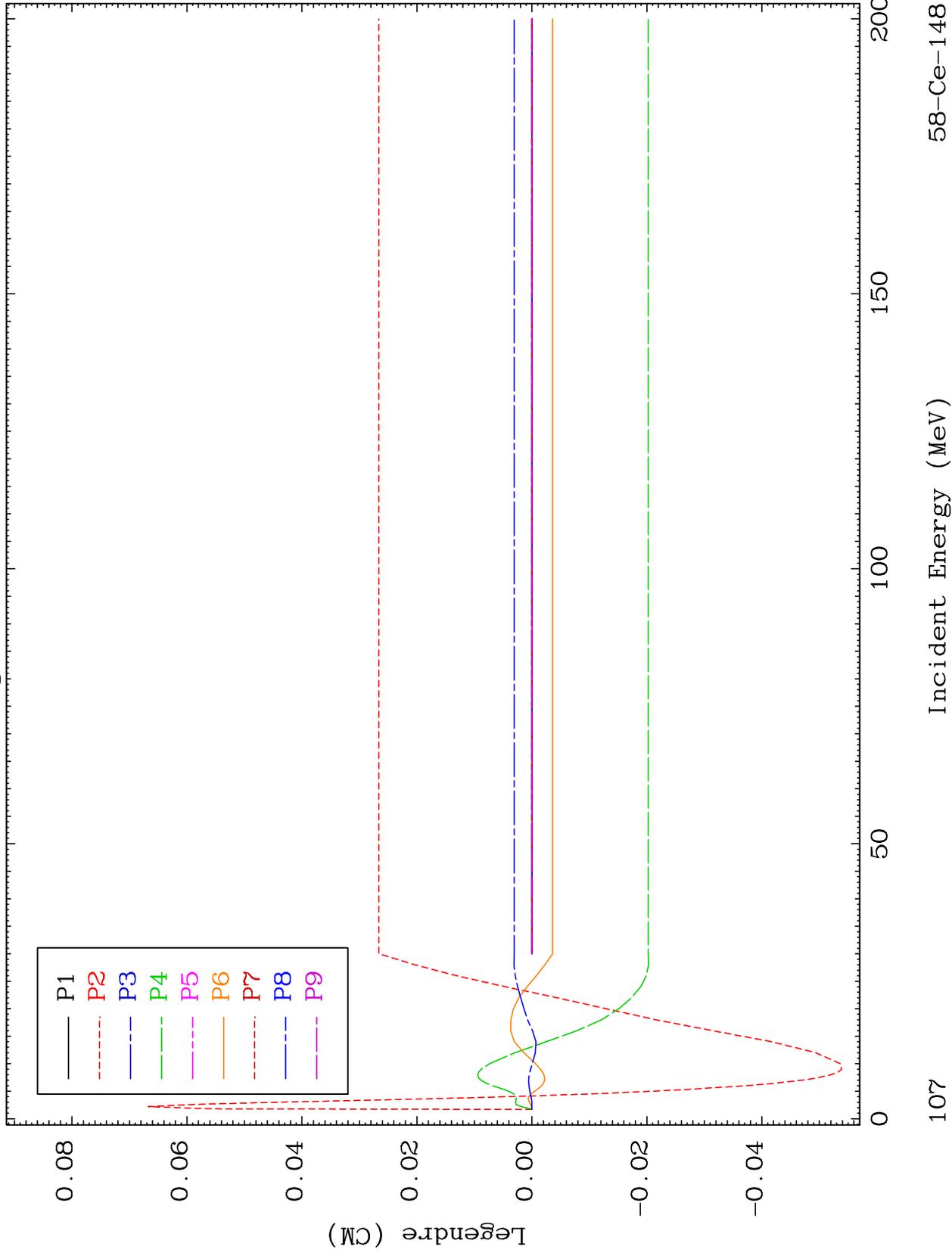




MAT 5861

1.682 MeV (n,n') Level
Legendre Coefficients

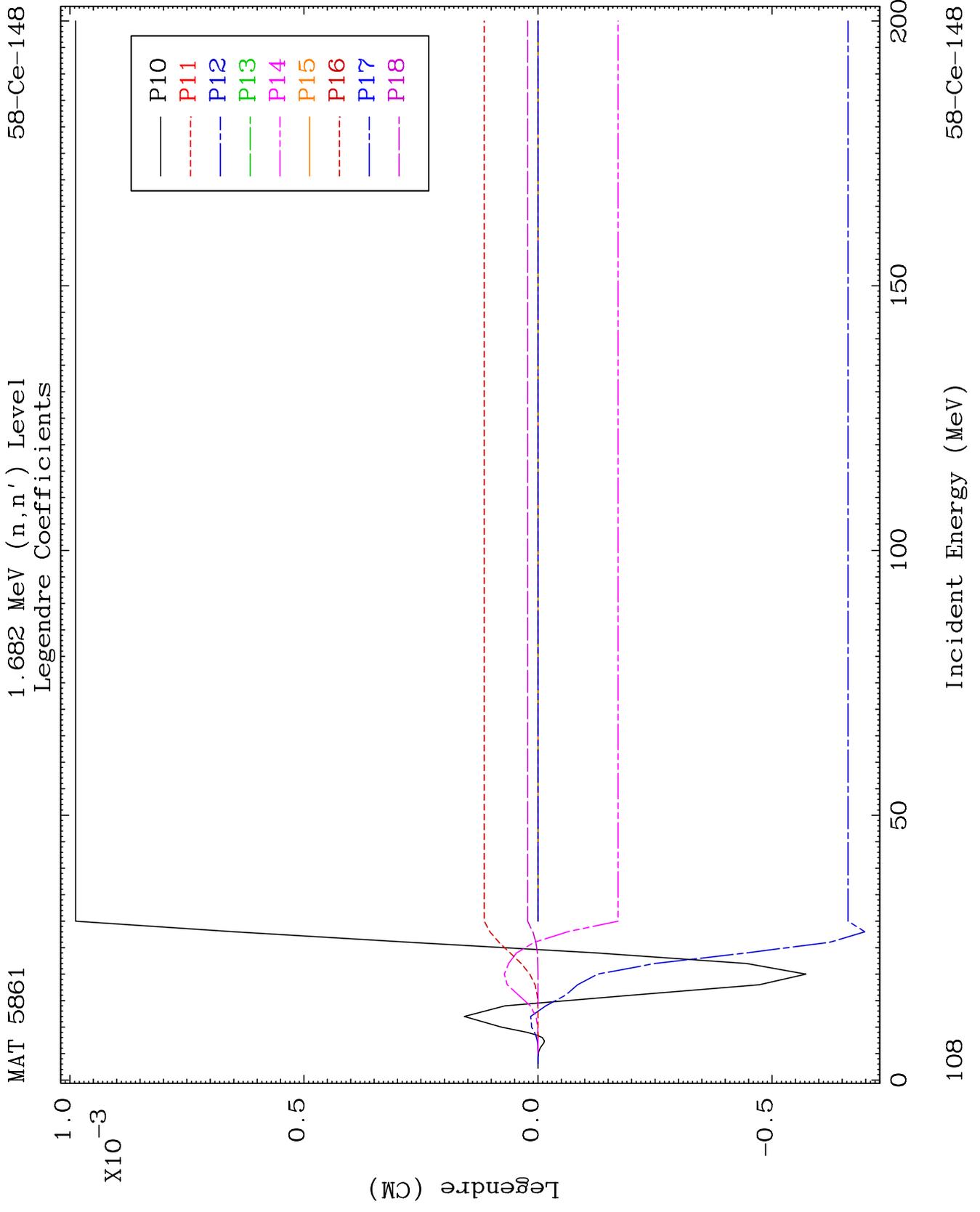
58-Ce-148

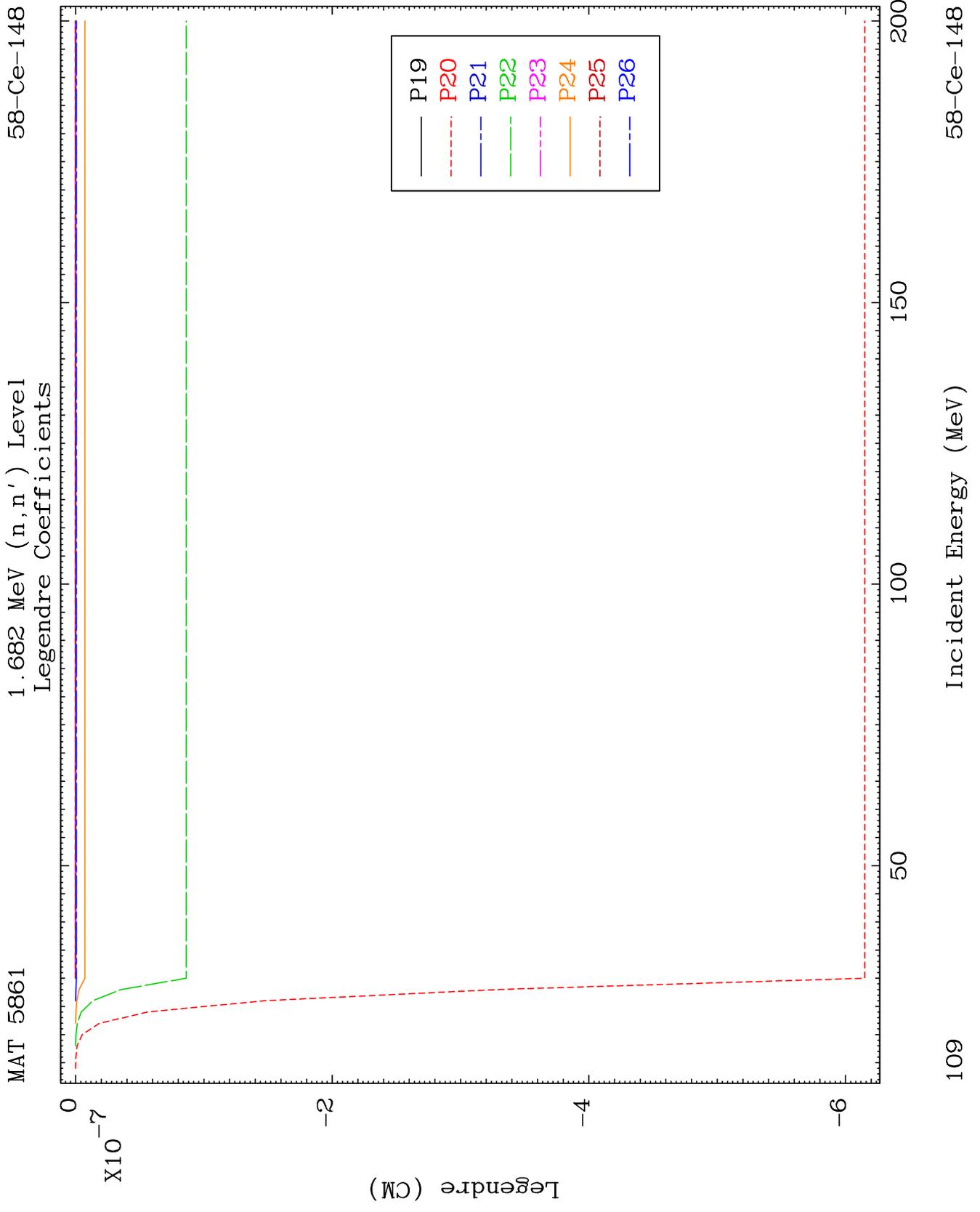


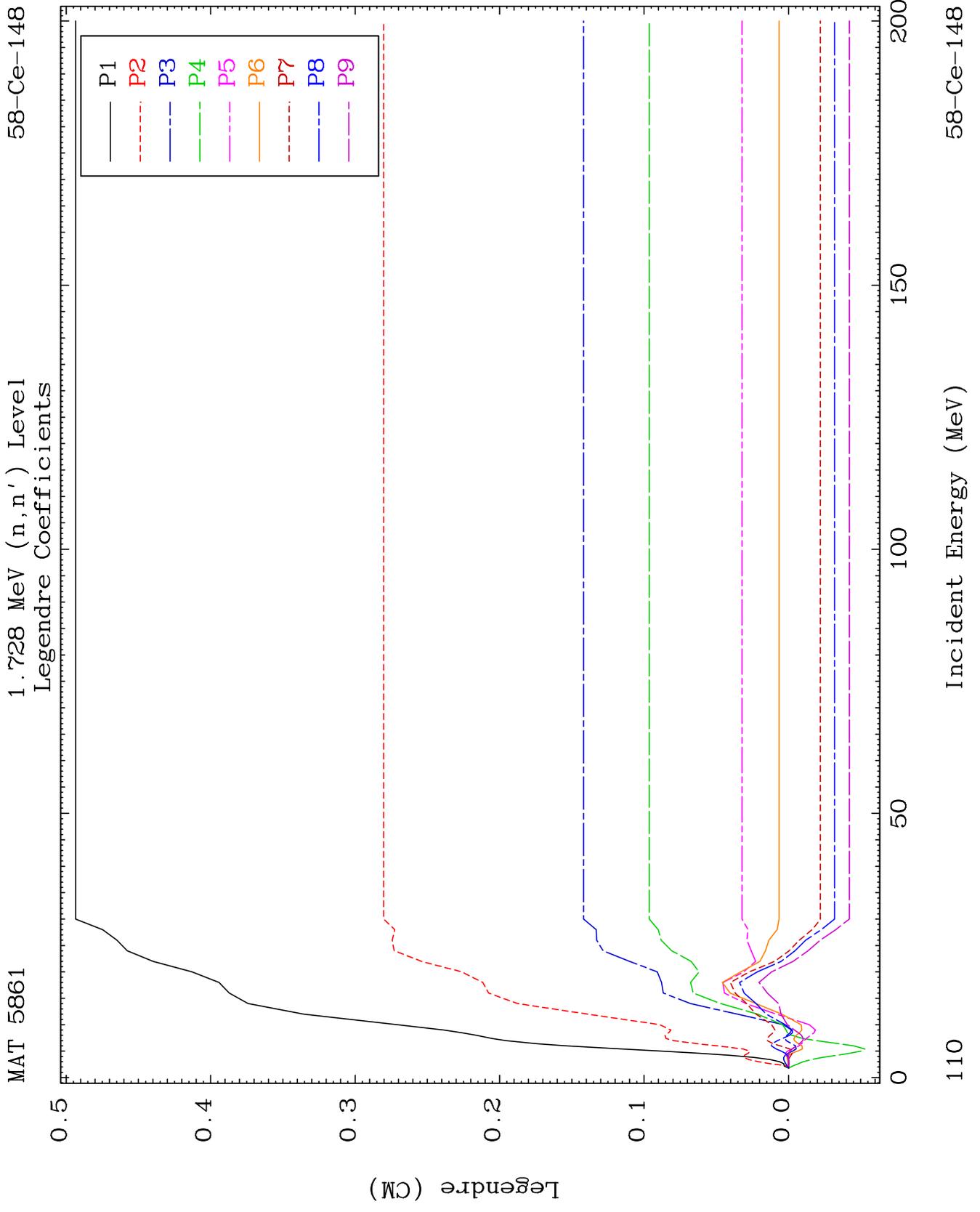
58-Ce-148

Incident Energy (MeV)

107



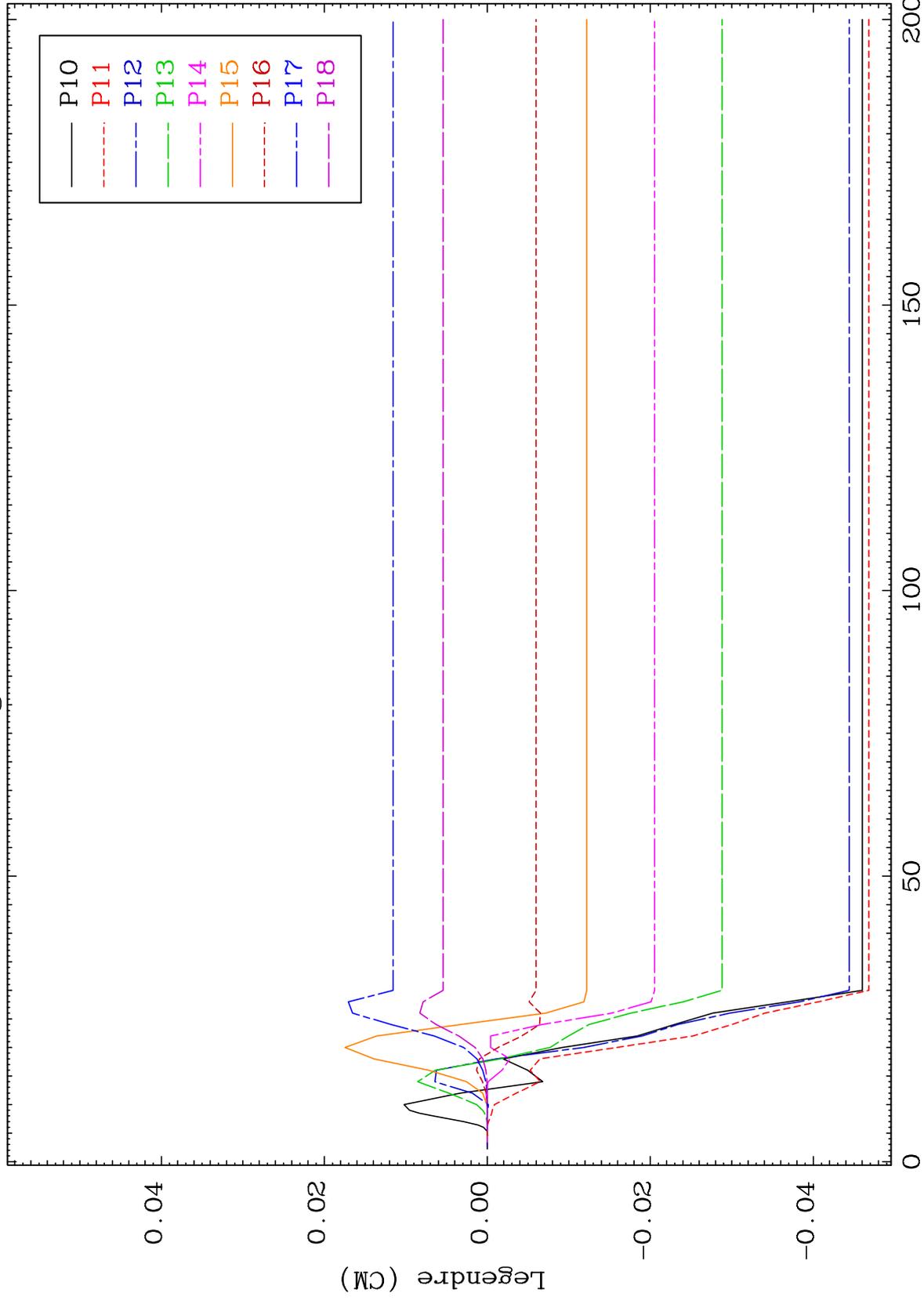




MAT 5861

1.728 MeV (n,n') Level
Legendre Coefficients

58-Ce-148



111

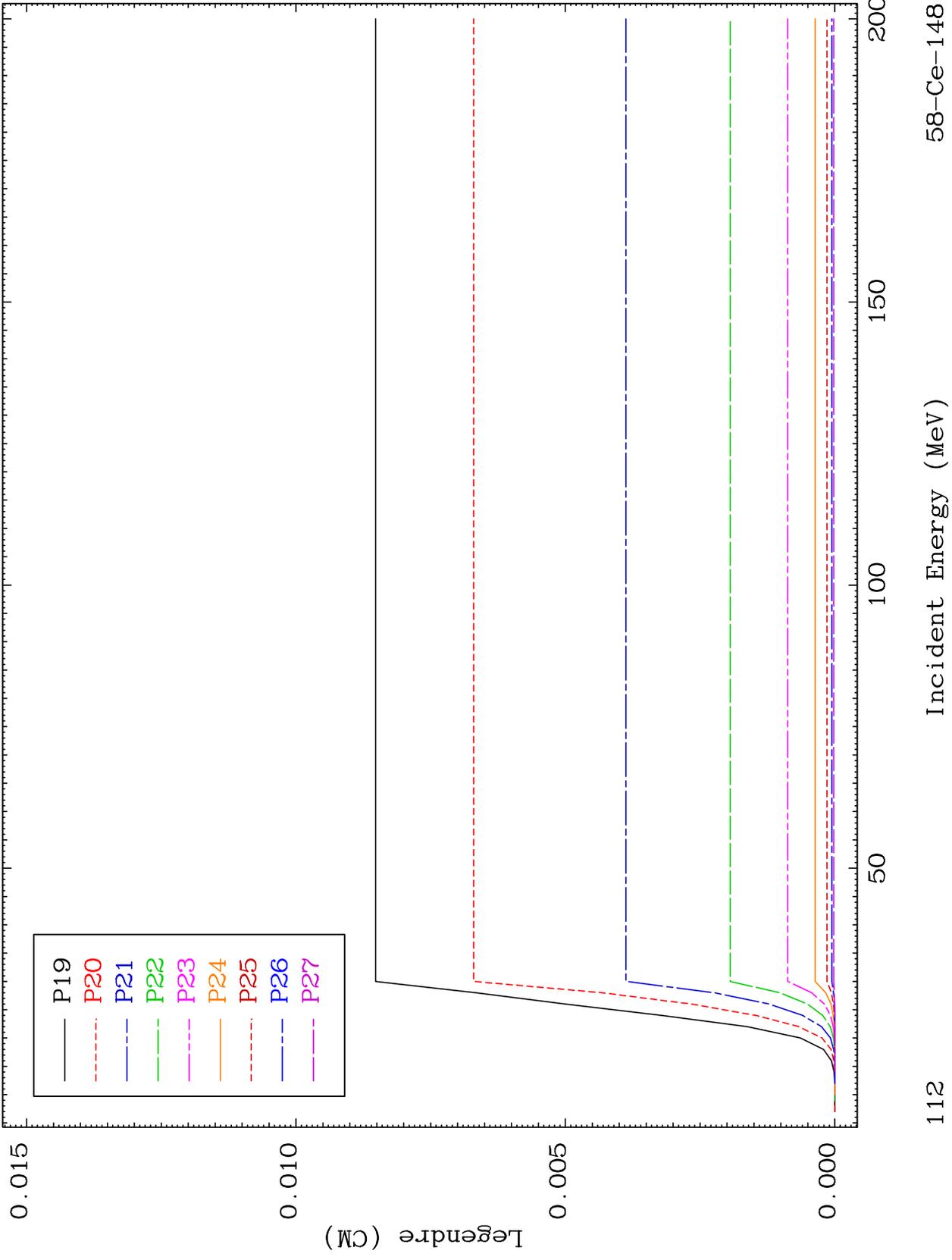
Incident Energy (MeV)

58-Ce-148

MAT 5861

1.728 MeV (n,n') Level
Legendre Coefficients

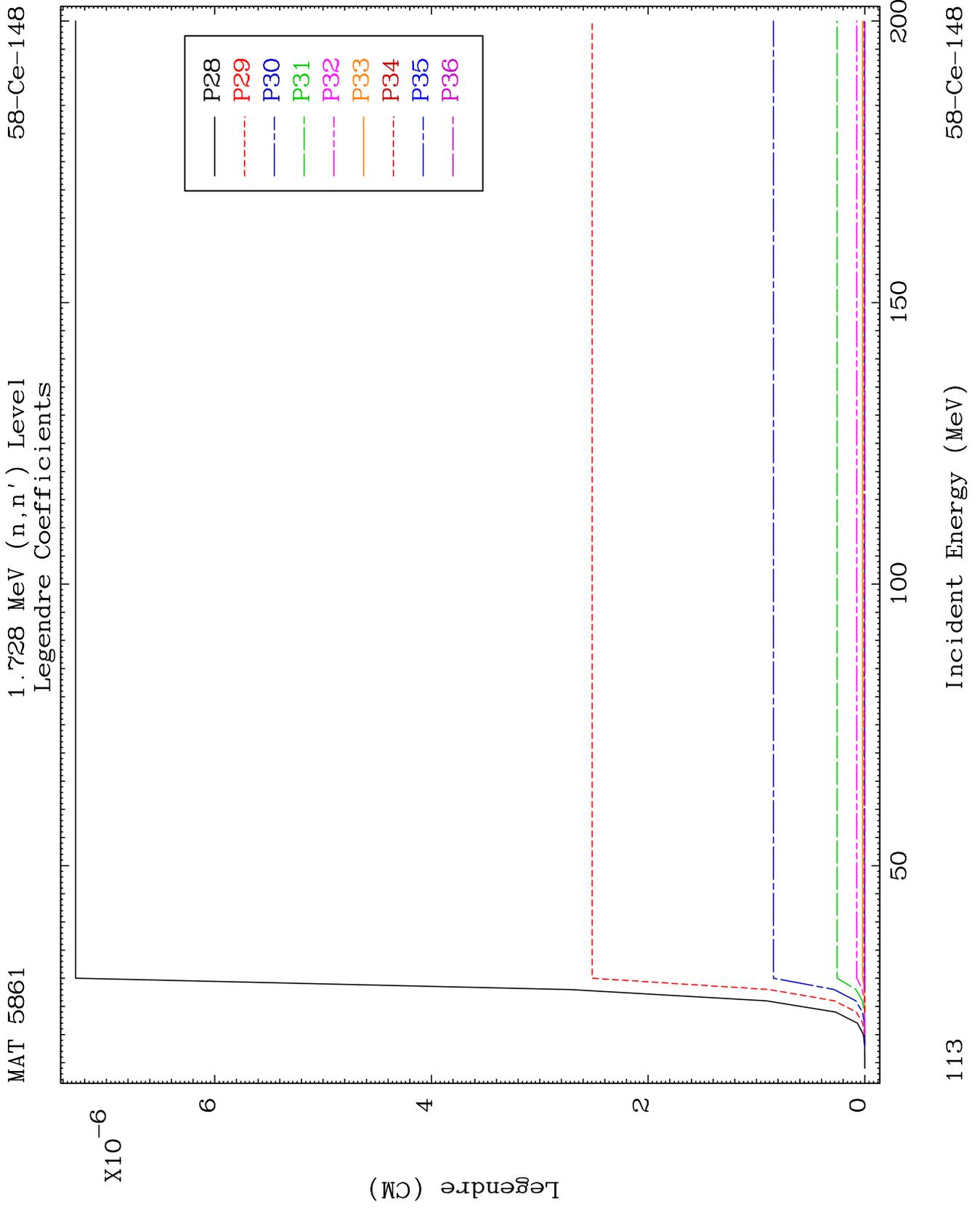
58-Ce-148

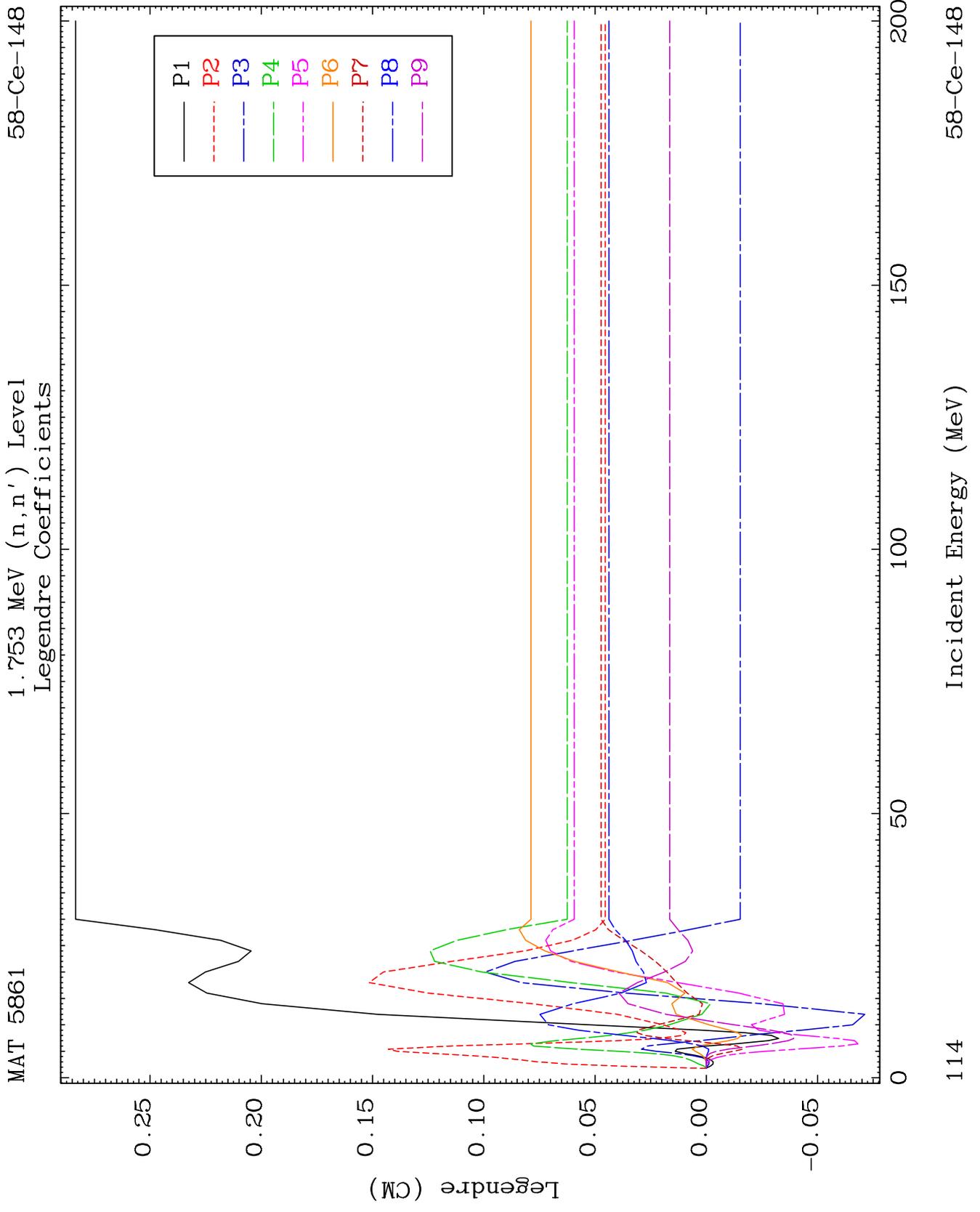


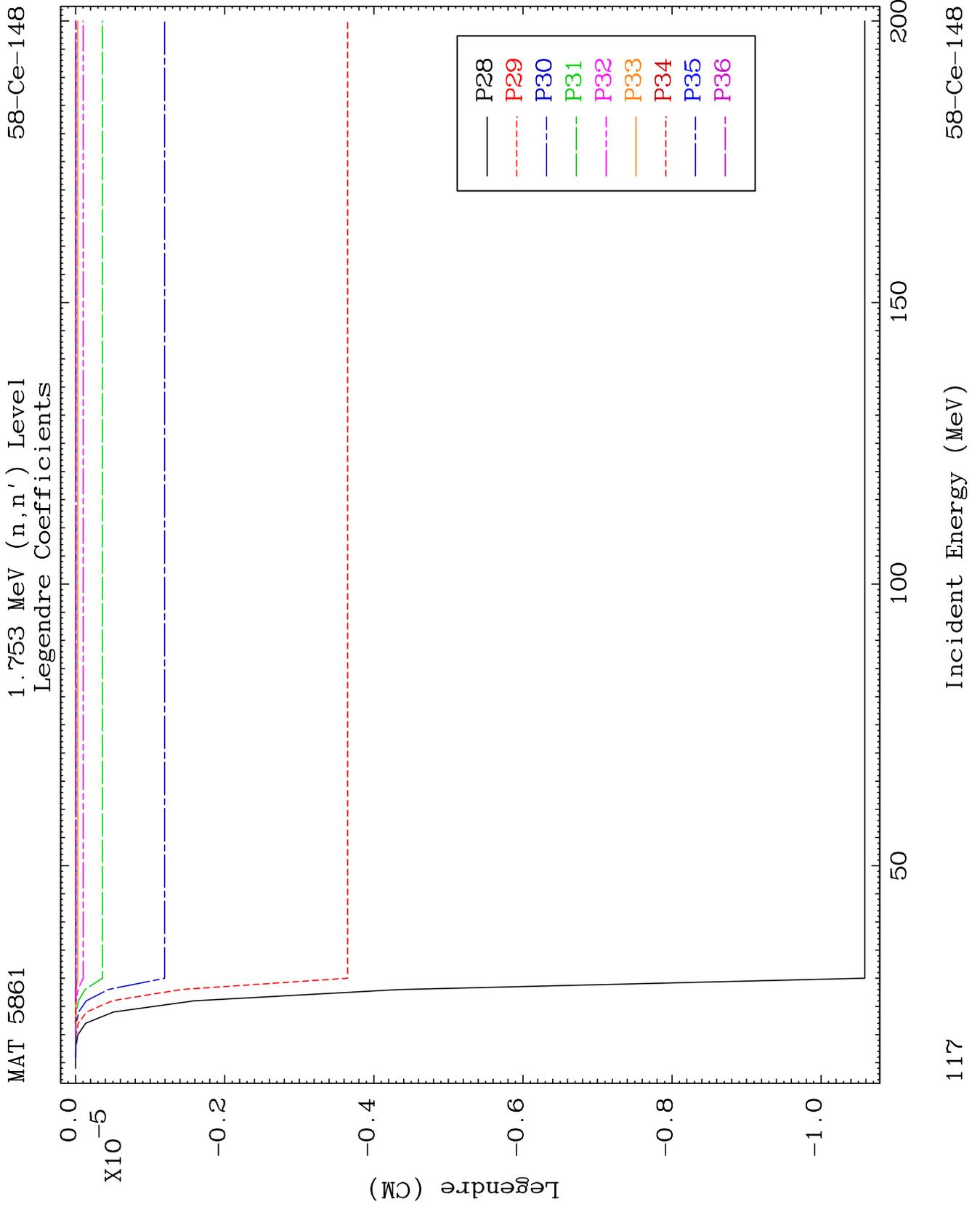
112

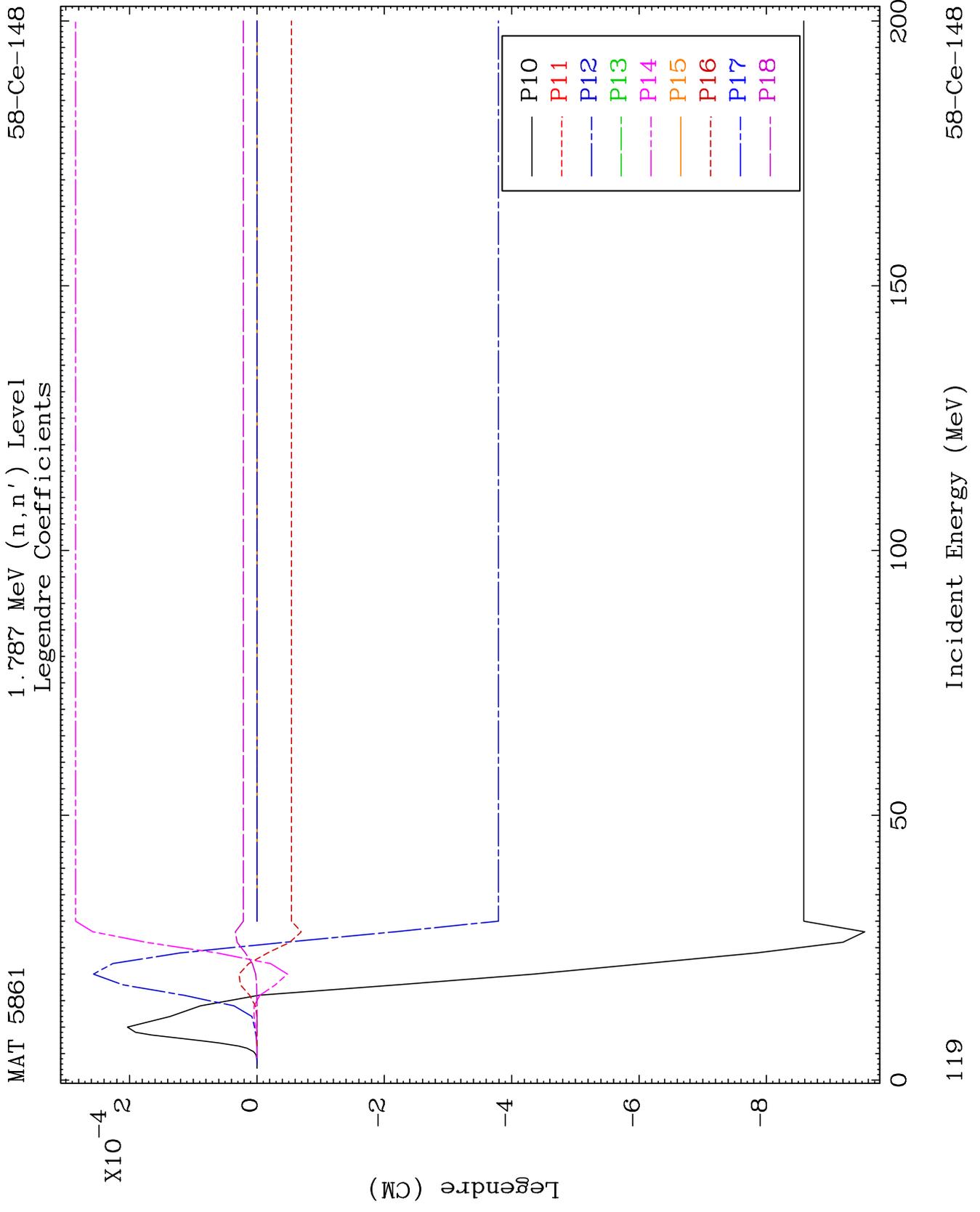
Incident Energy (MeV)

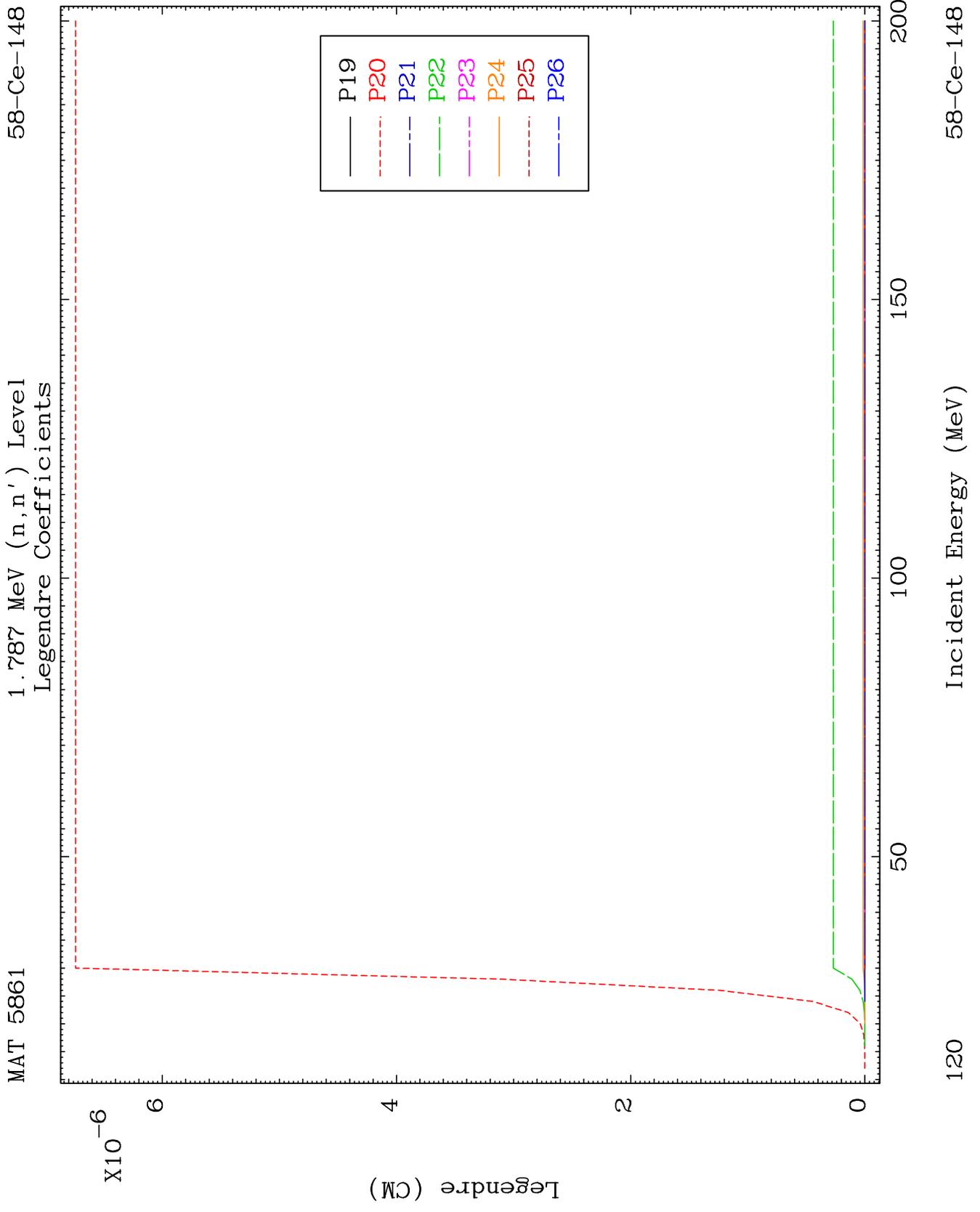
58-Ce-148

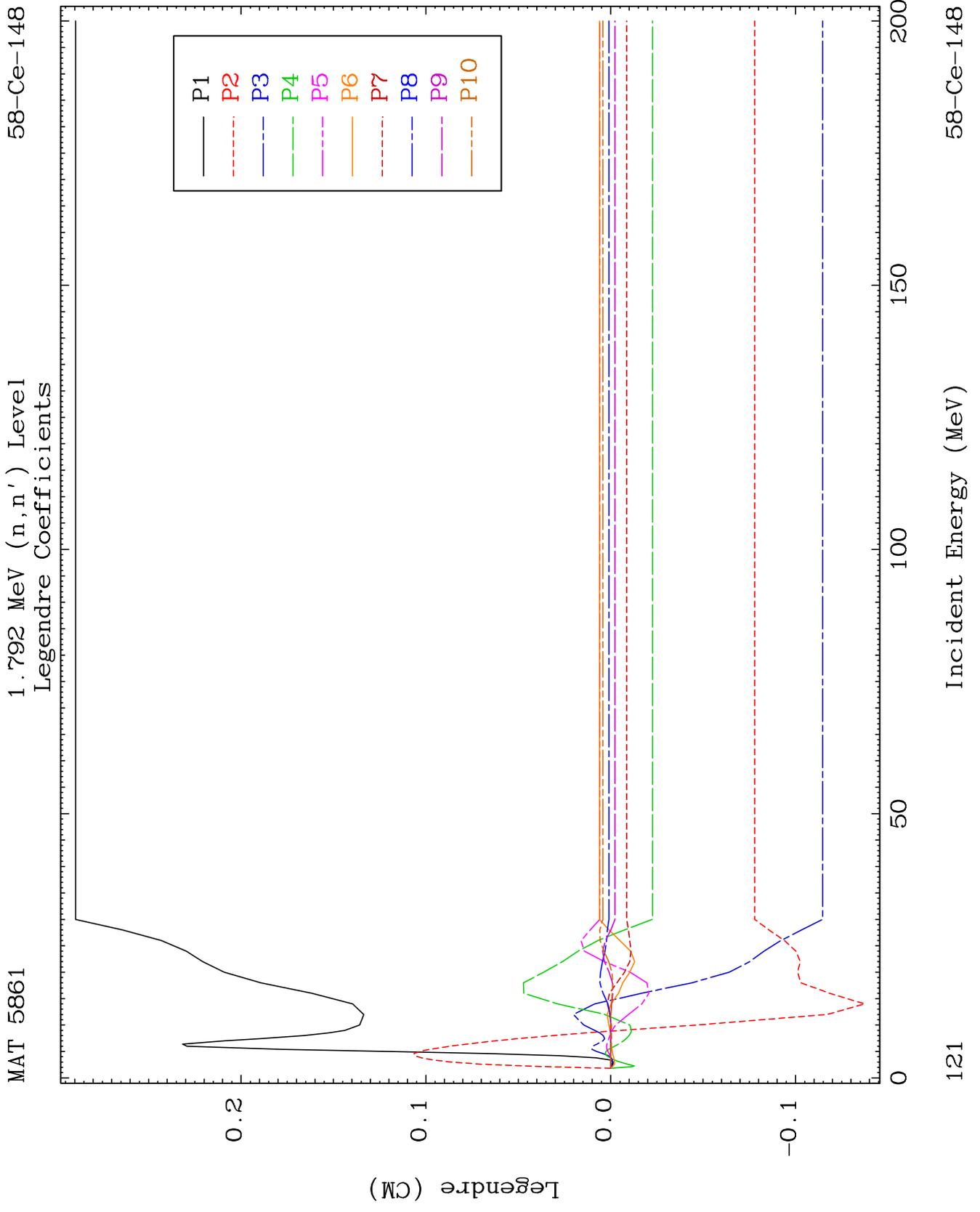








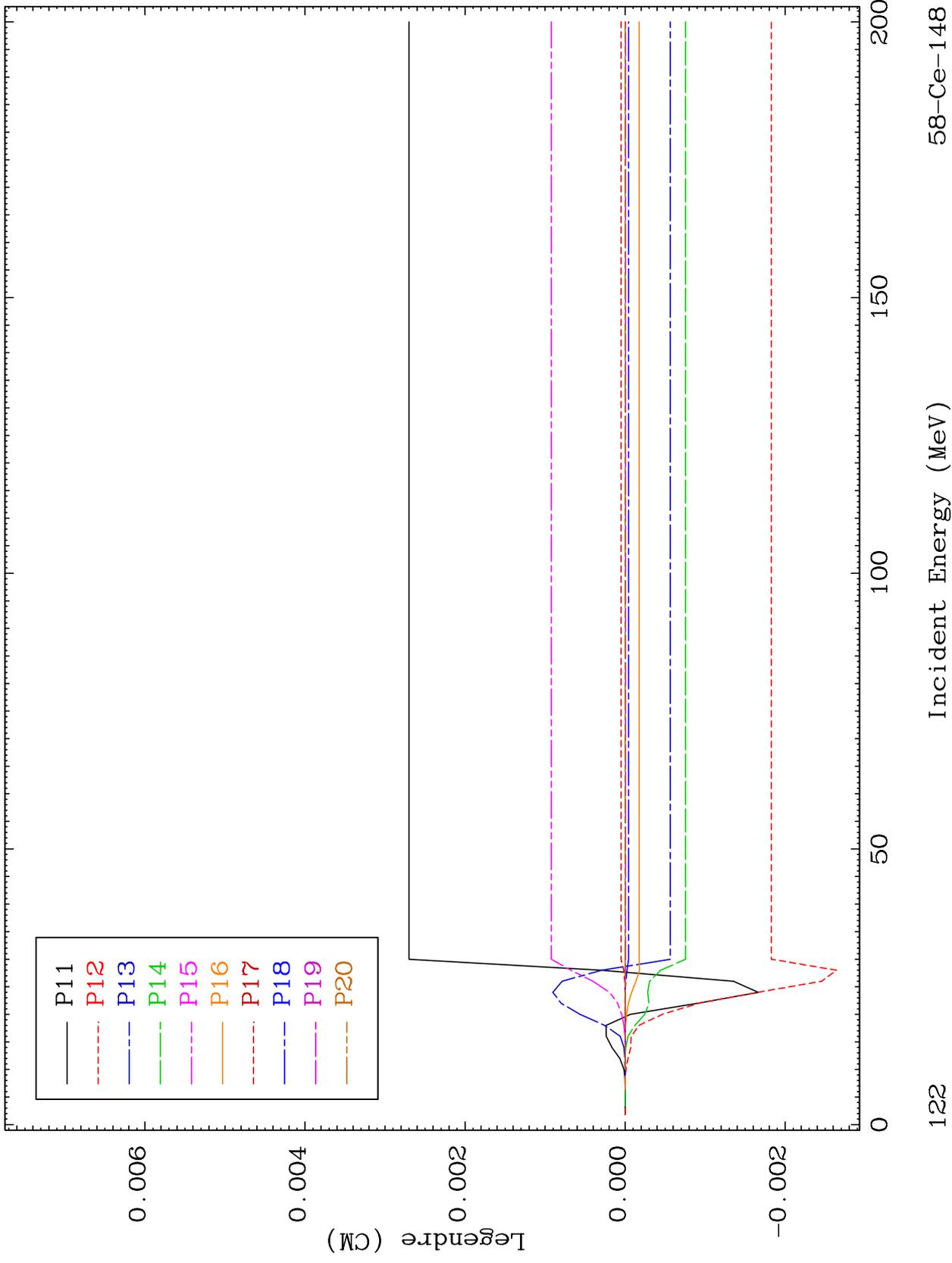




MAT 5861

1.792 MeV (n,n') Level
Legendre Coefficients

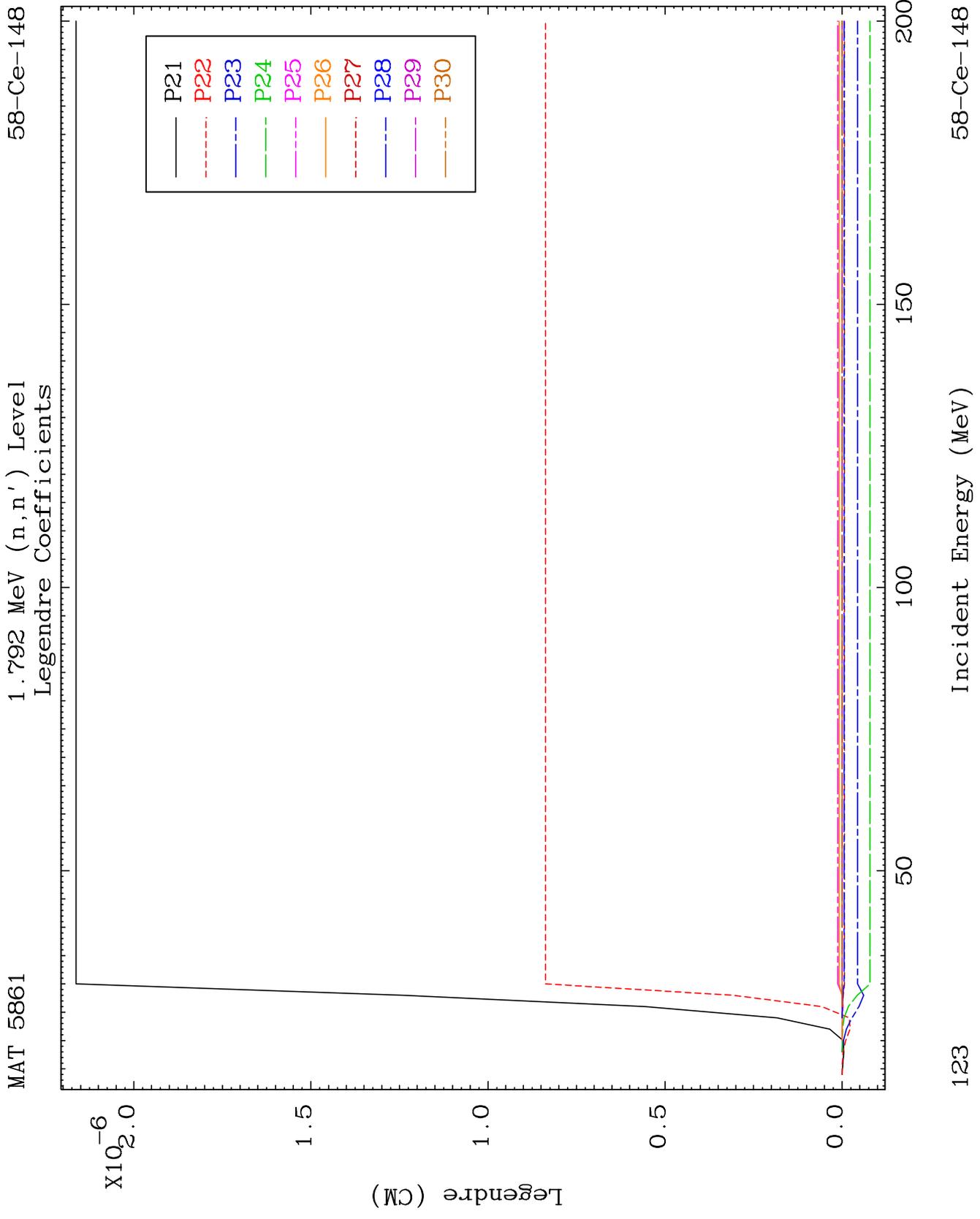
58-Ce-148

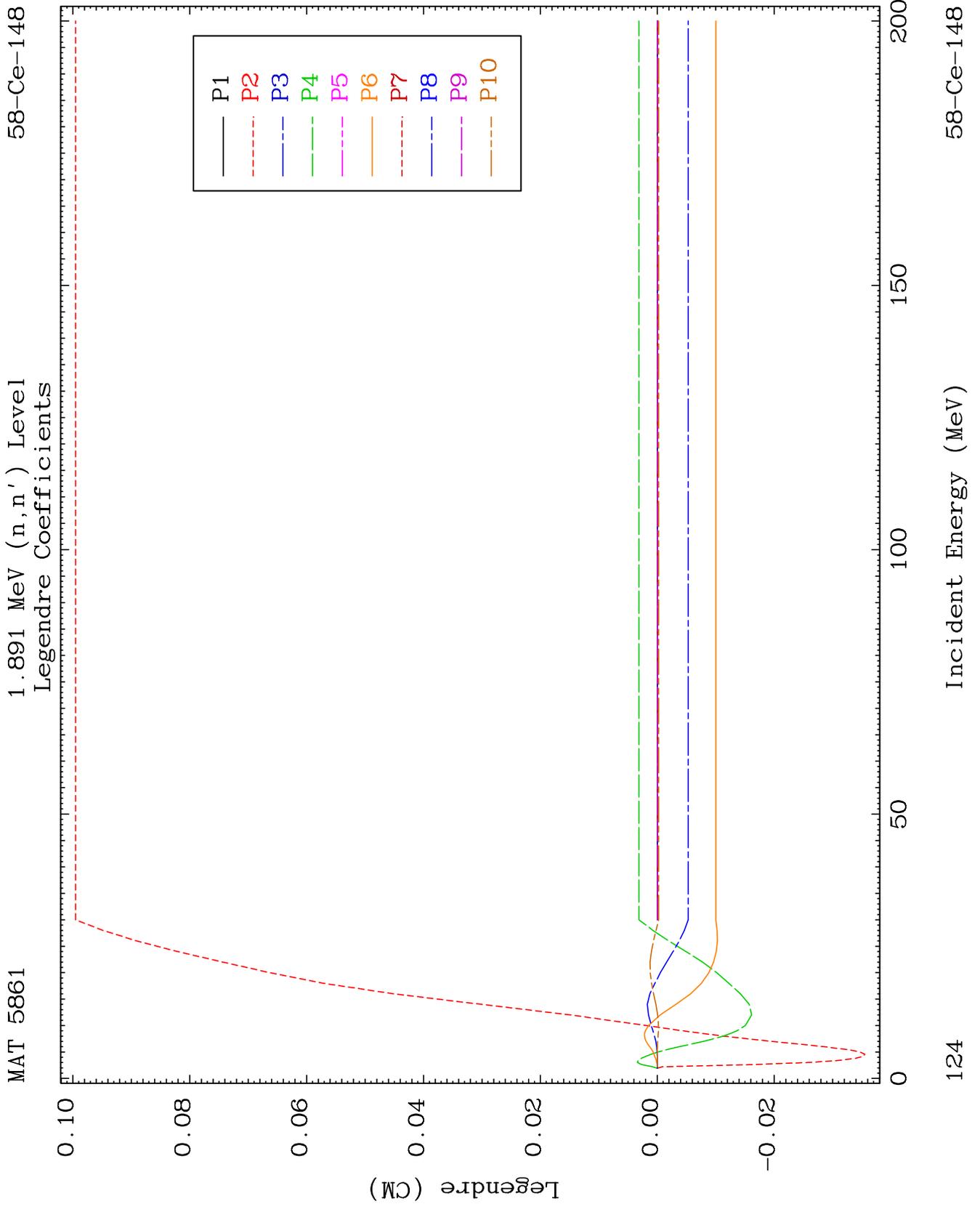


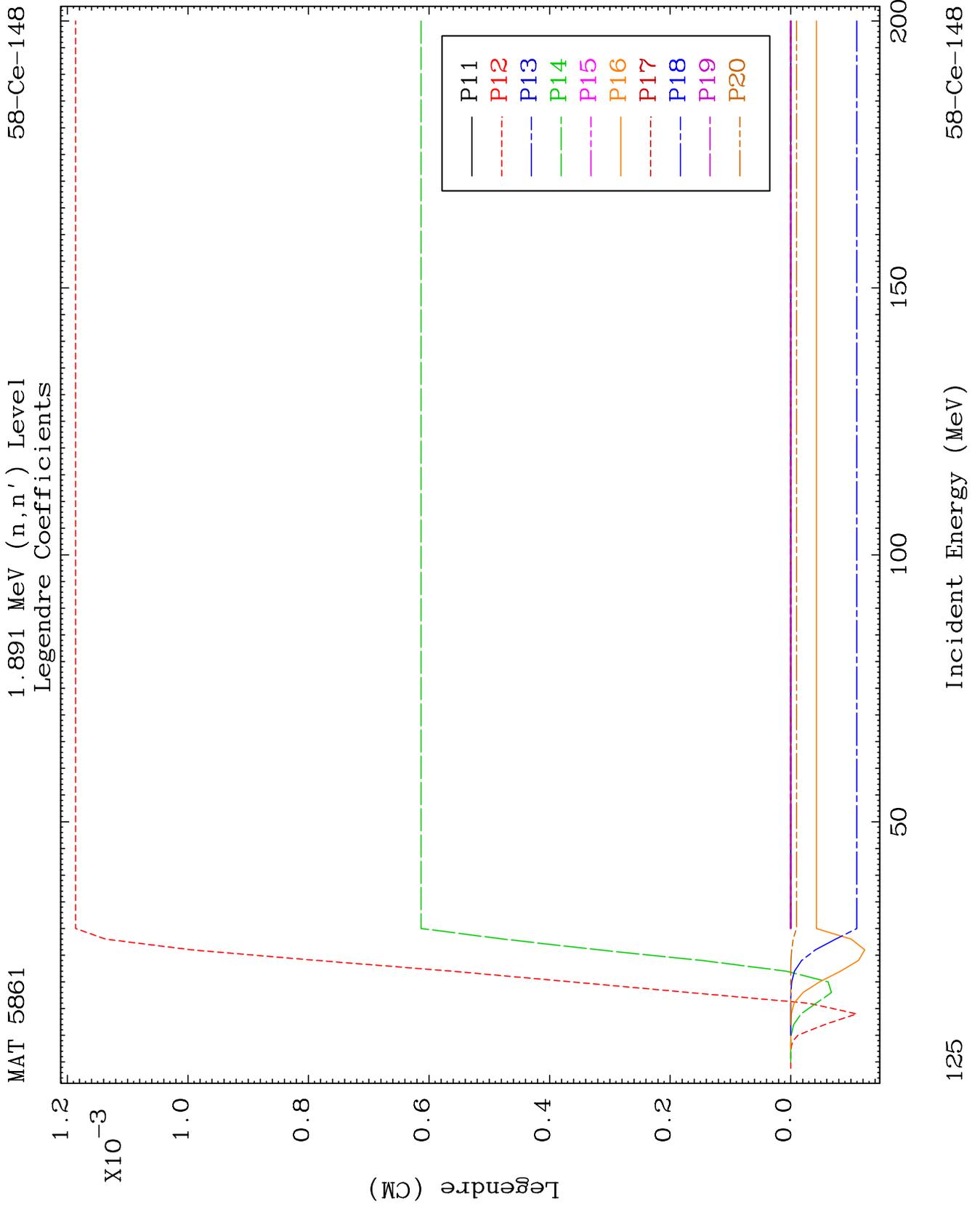
58-Ce-148

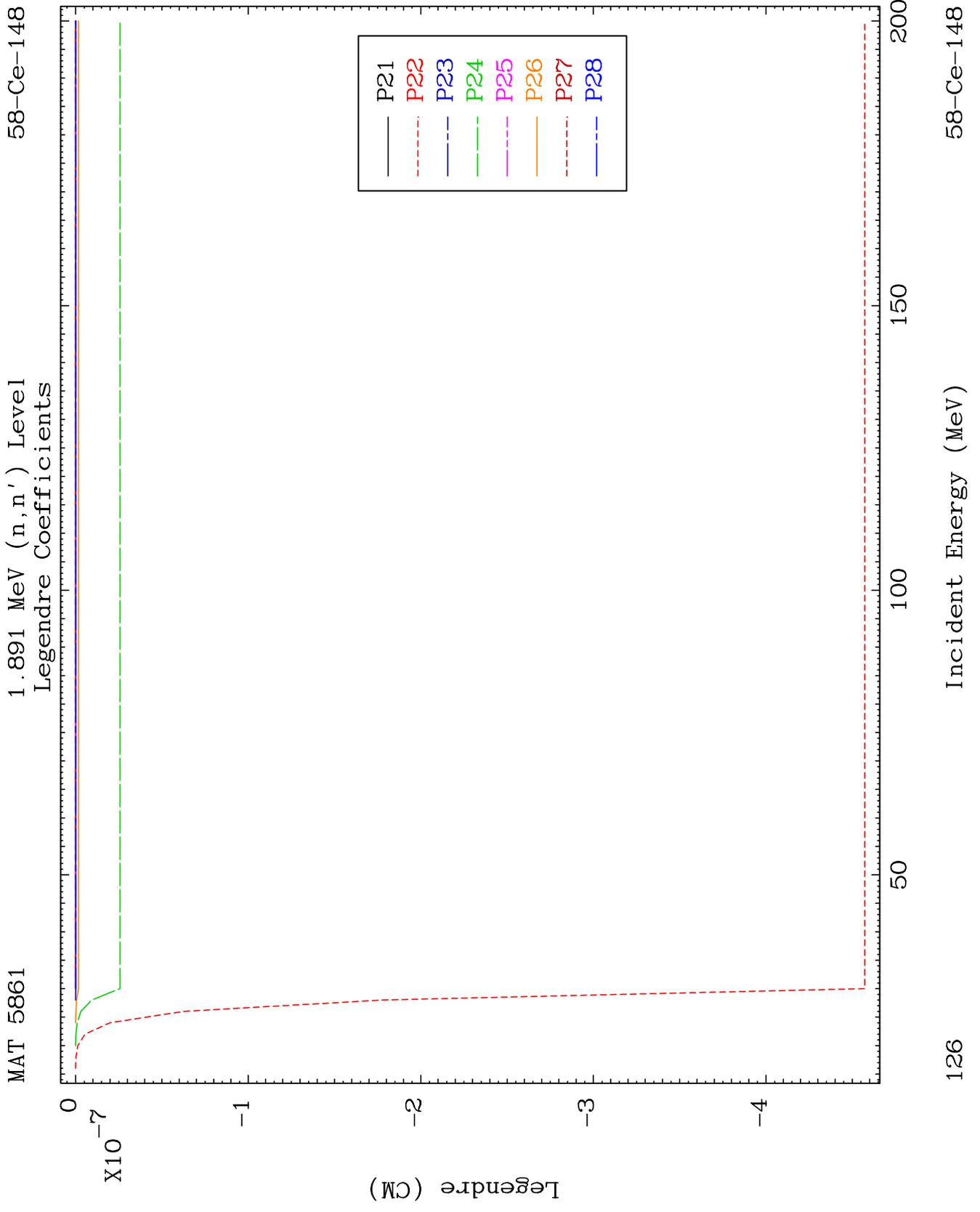
Incident Energy (MeV)

122







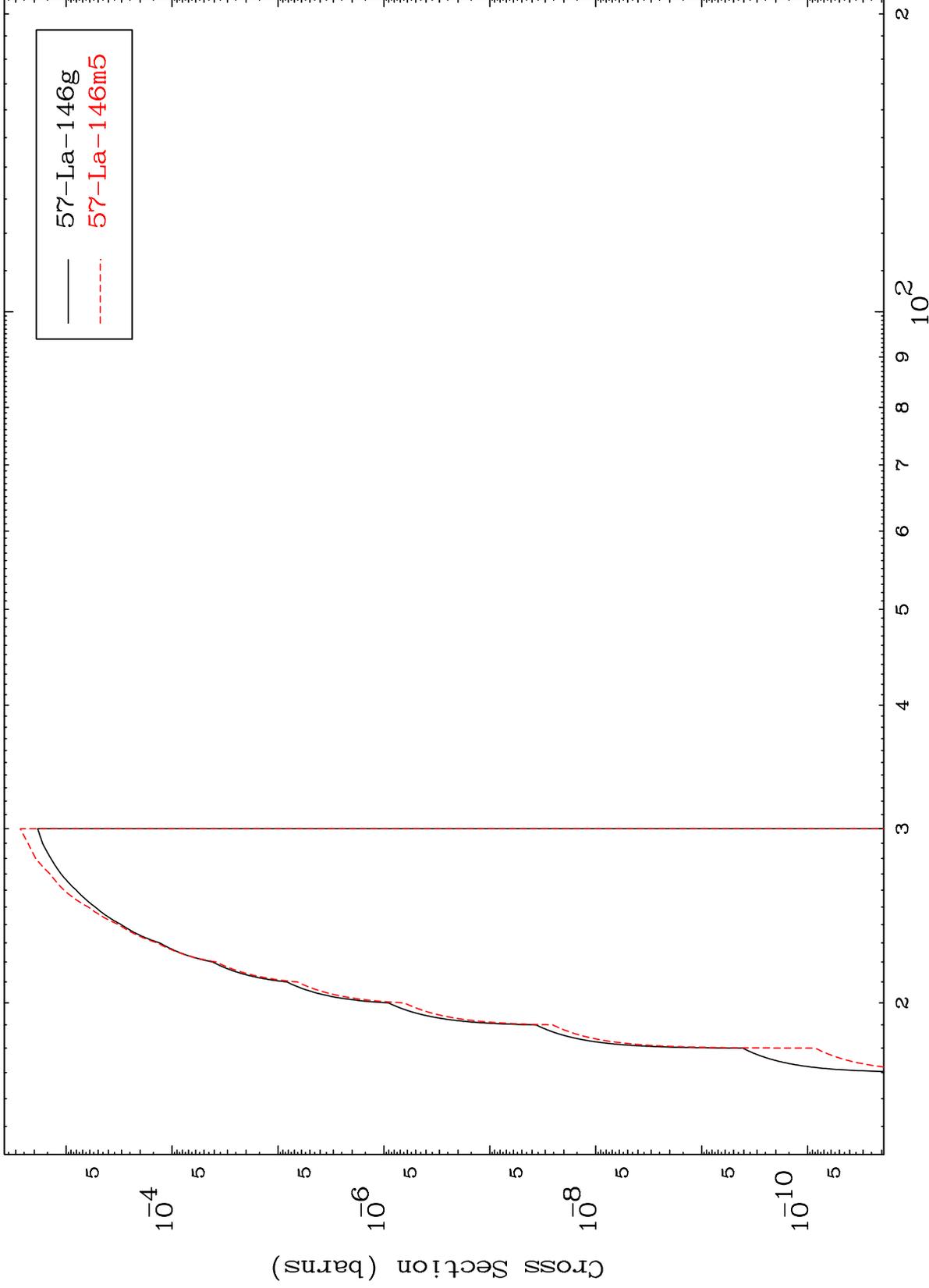


MAT 5861

(n,n') d

58-Ce-148

Radionuclide Production Cross Section

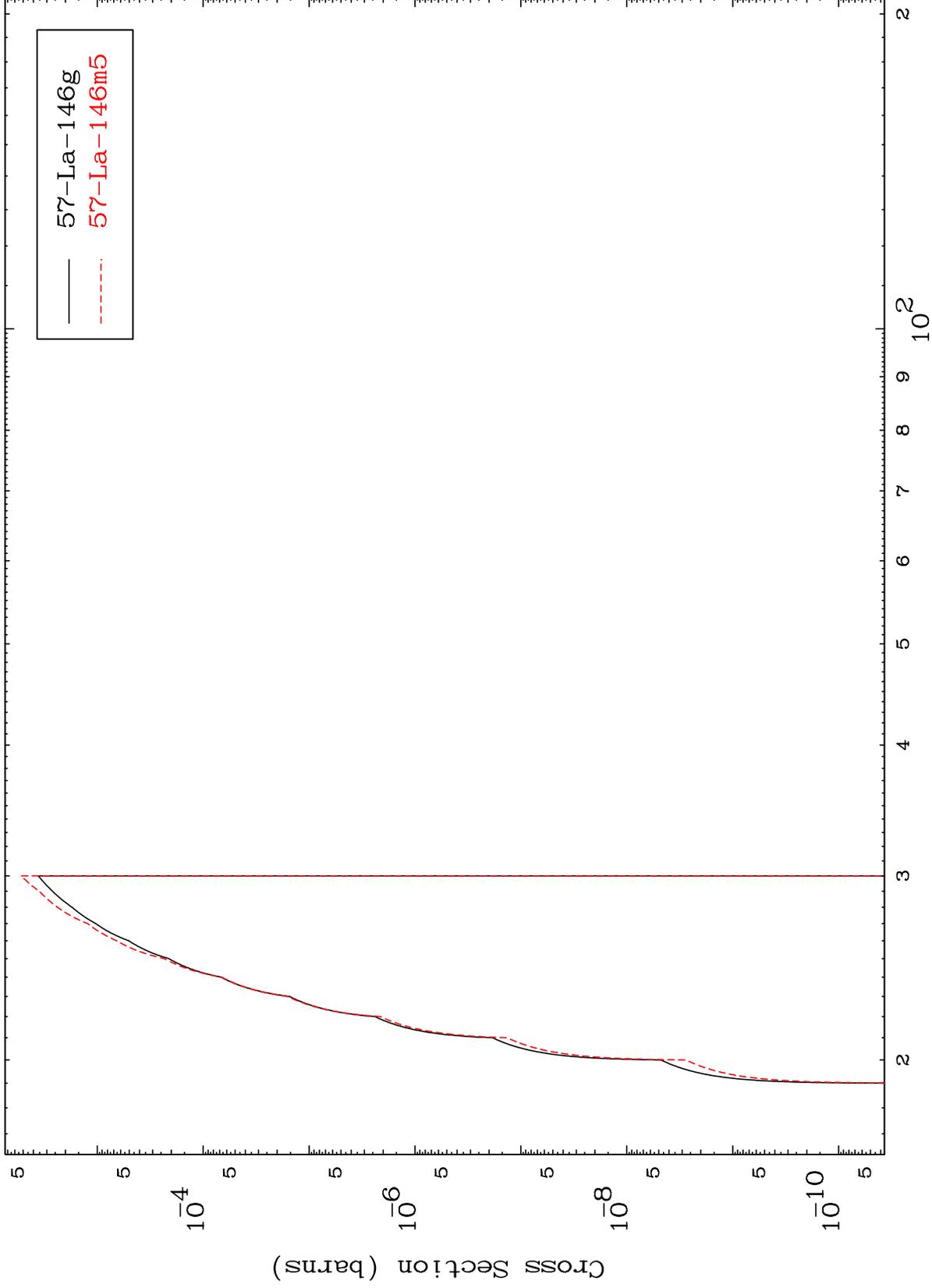


127

Incident Energy (MeV)

58-Ce-148

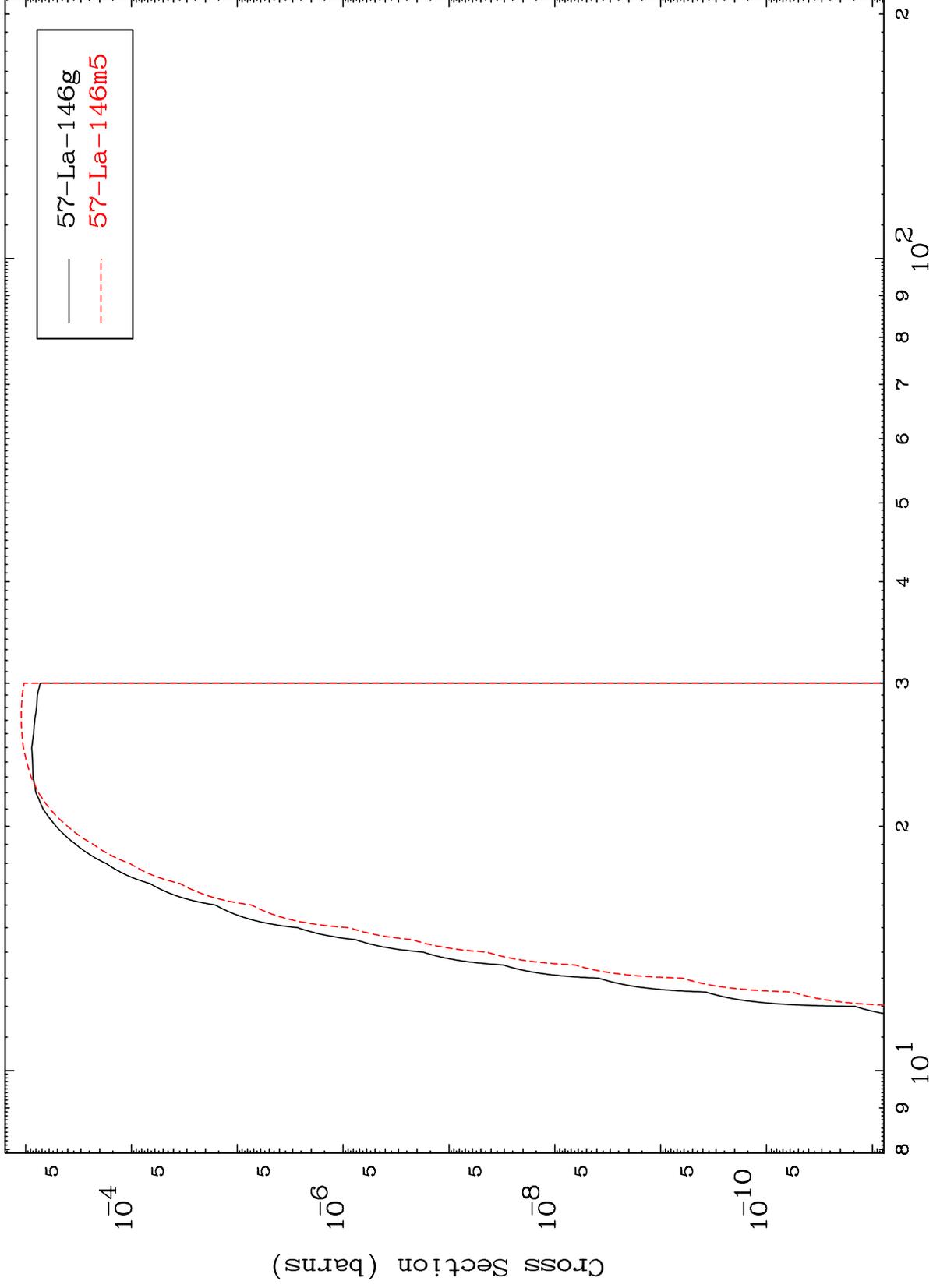
Radionuclide Production Cross Section



MAT 5861

58-Ce-148

(n,t)
Radionuclide Production Cross Section



58-Ce-148

Incident Energy (MeV)

129