

Program EVALPLOT
(Version 2015-2)

by

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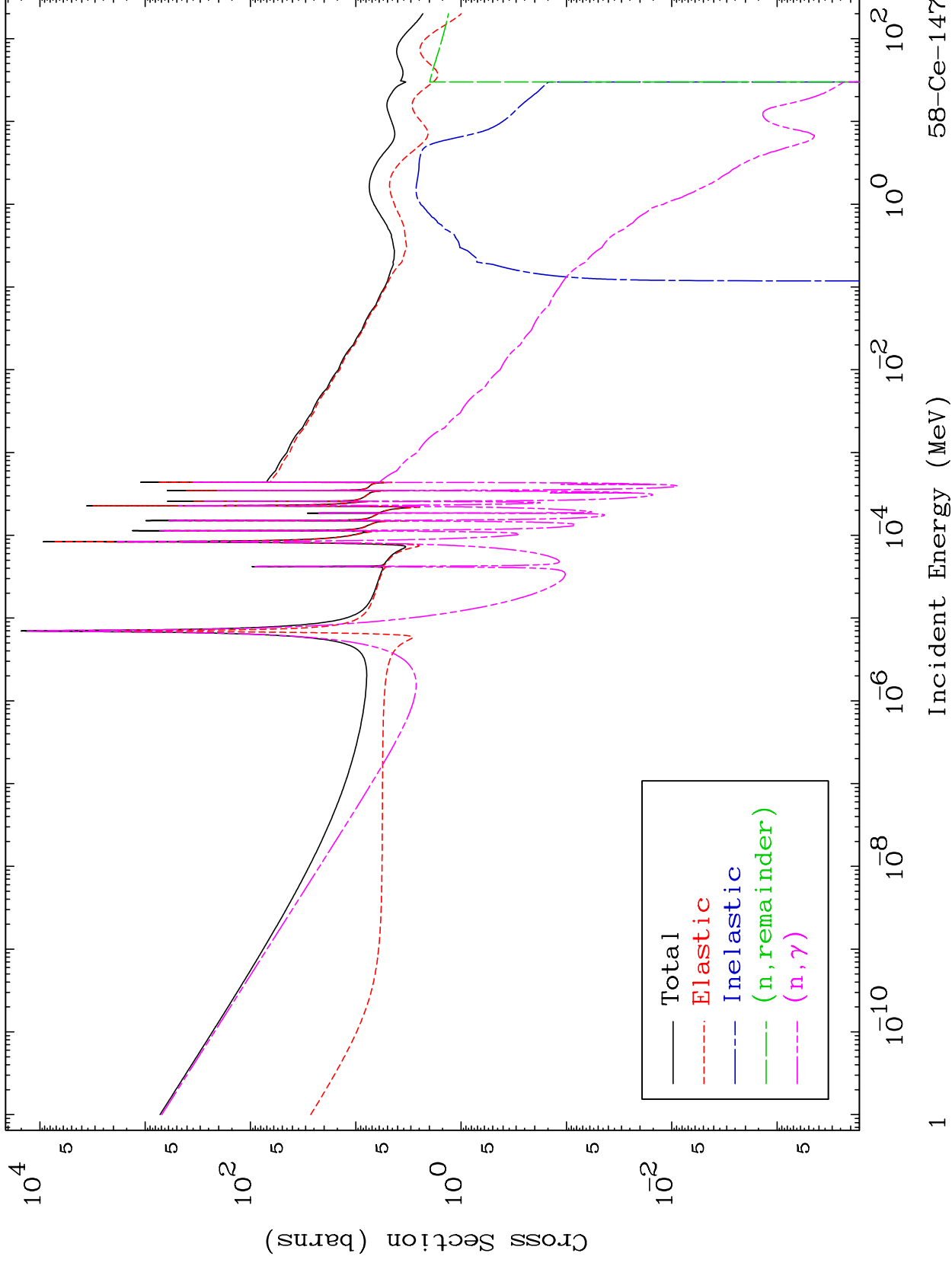
Press Mouse Button to Start

MAT 5858

Major

293 Kelvin Cross Sections

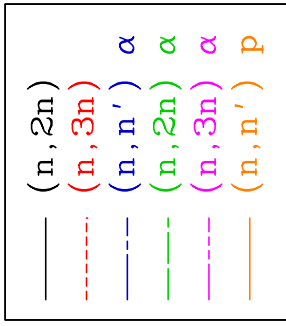
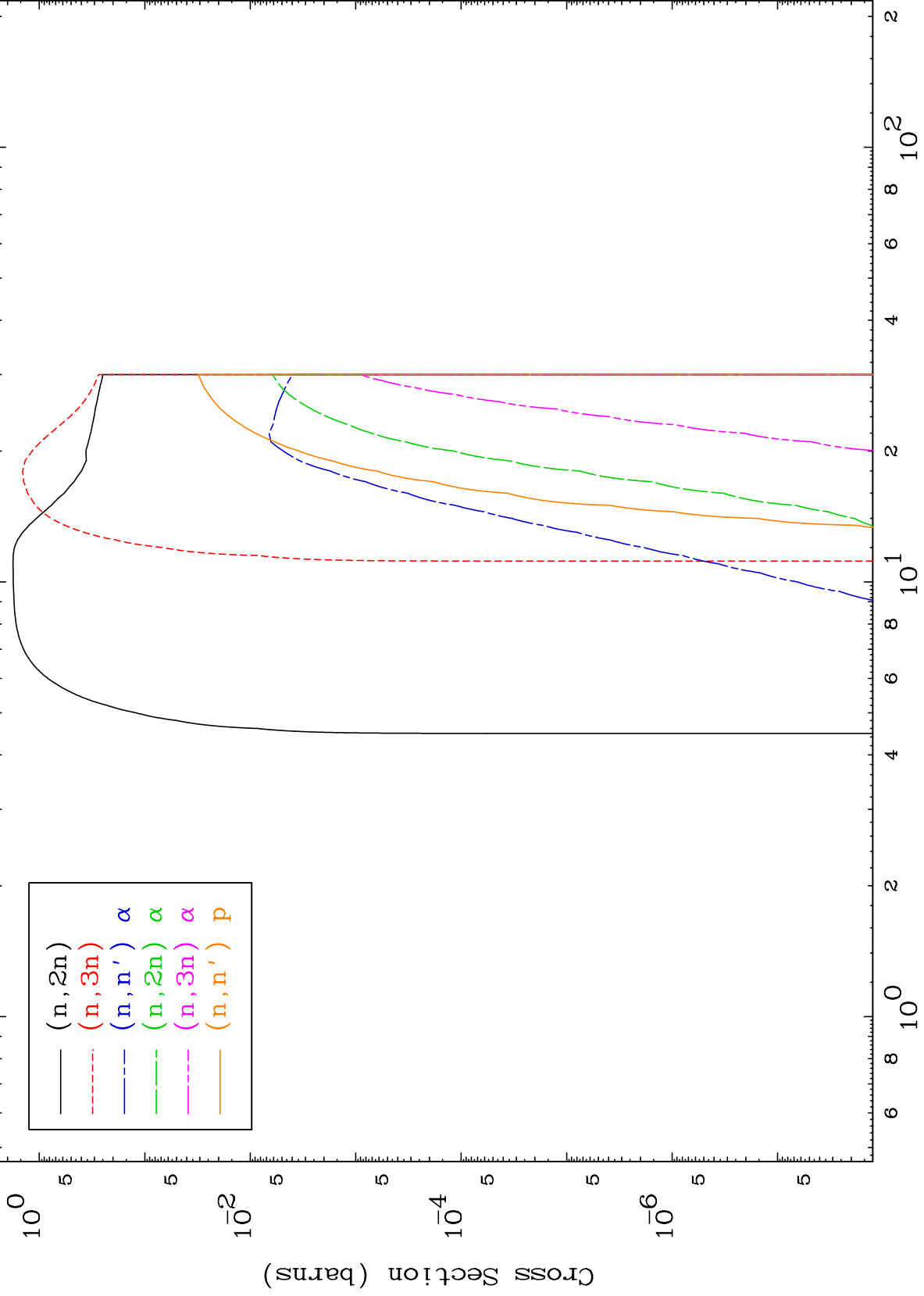
58-Ce-147

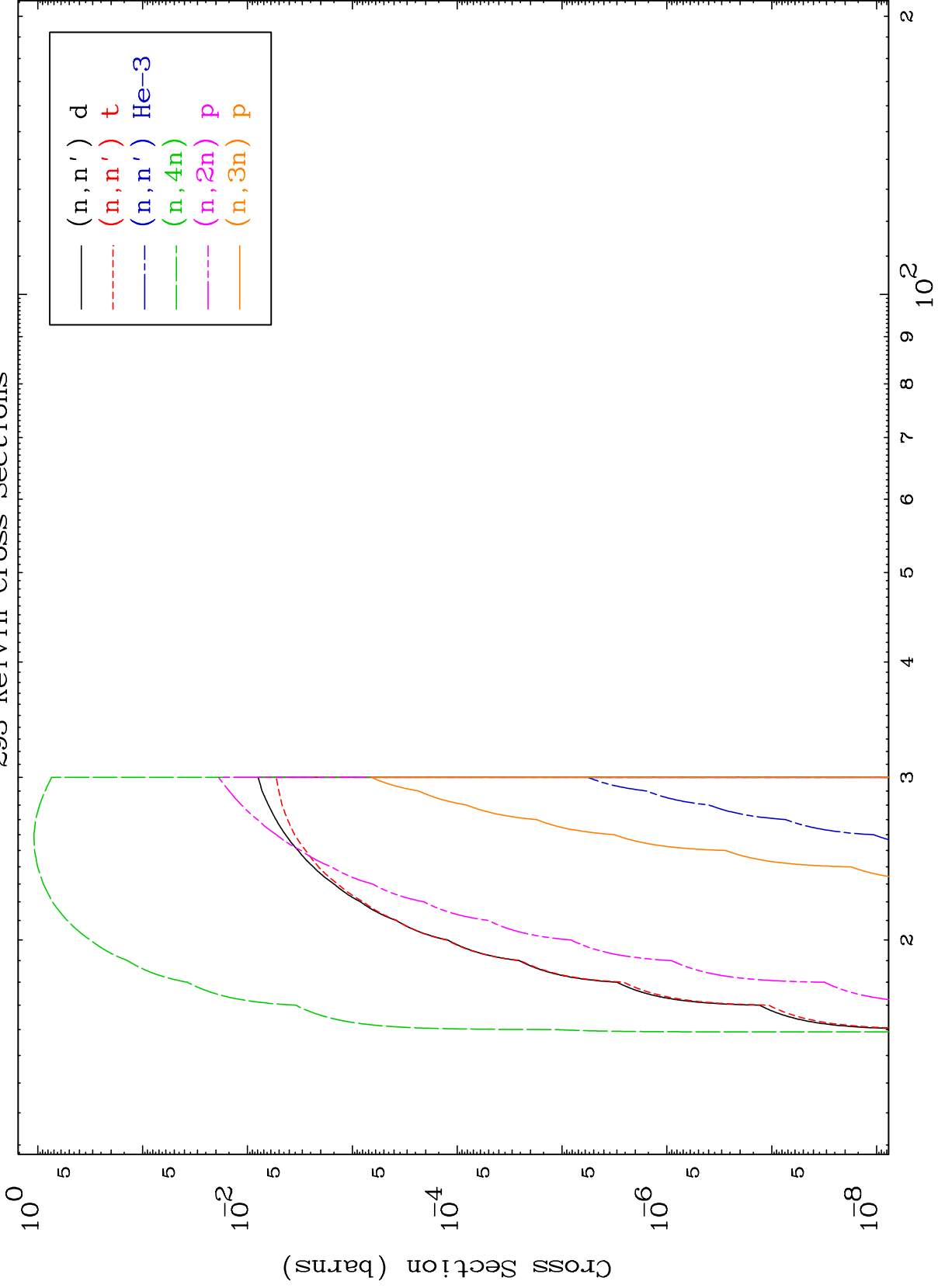


MAT 5858

Neutron Production
293 Kelvin Cross Sections

58-Ce-147

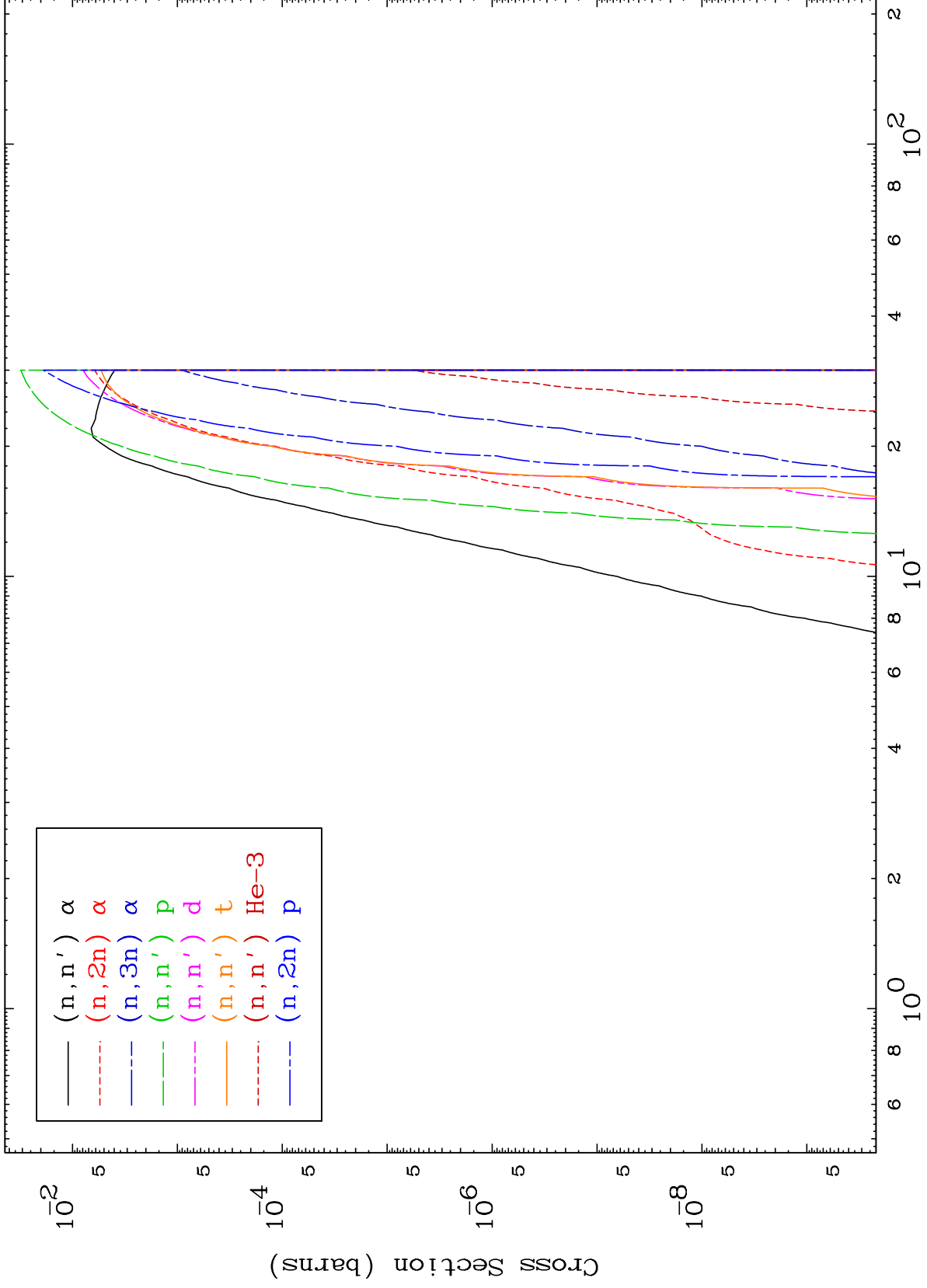




MAT 5858

Charged Particle
293 Kelvin Cross Sections

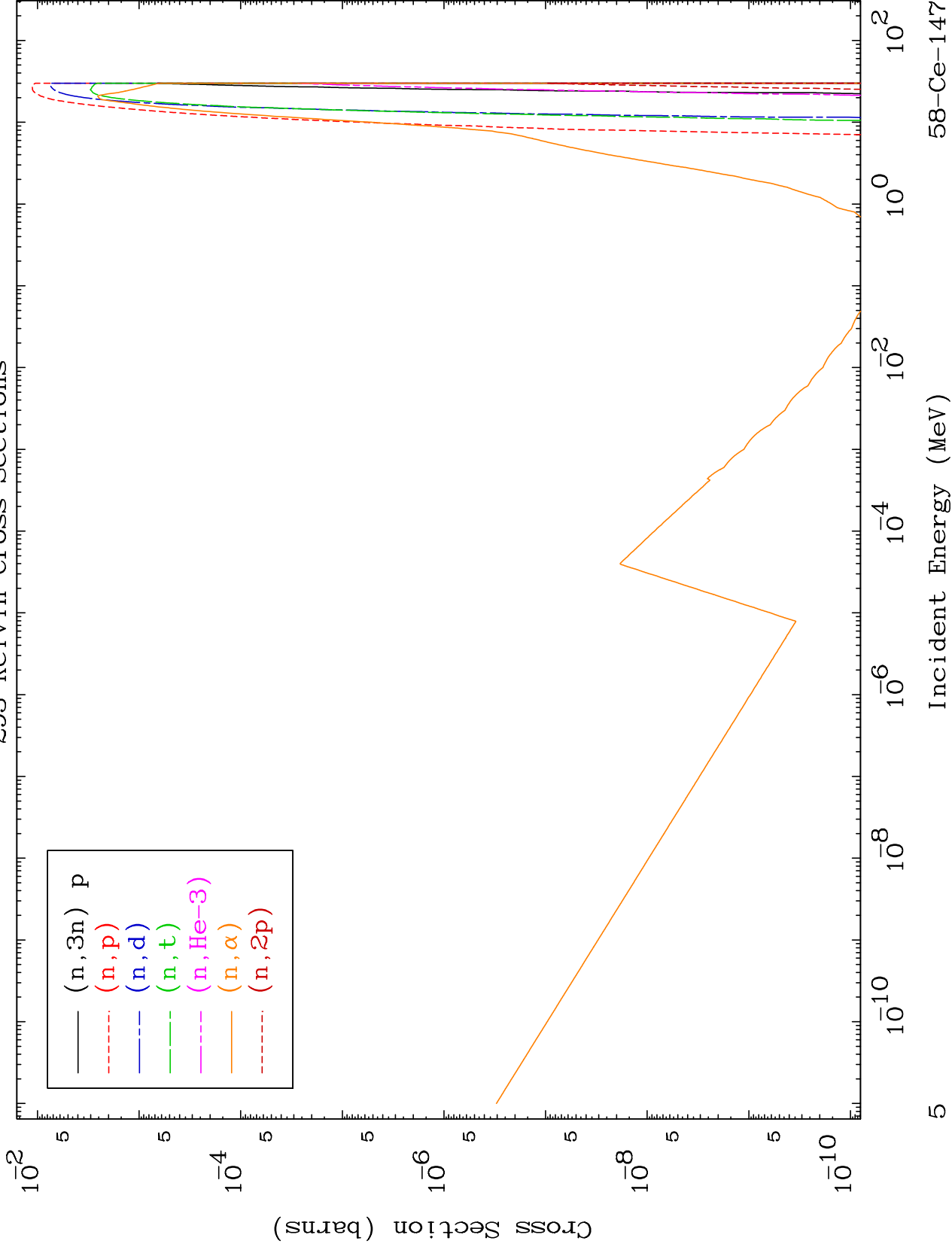
58-Ce-147



MAT 5858

Charged Particle
293 Kelvin Cross Sections

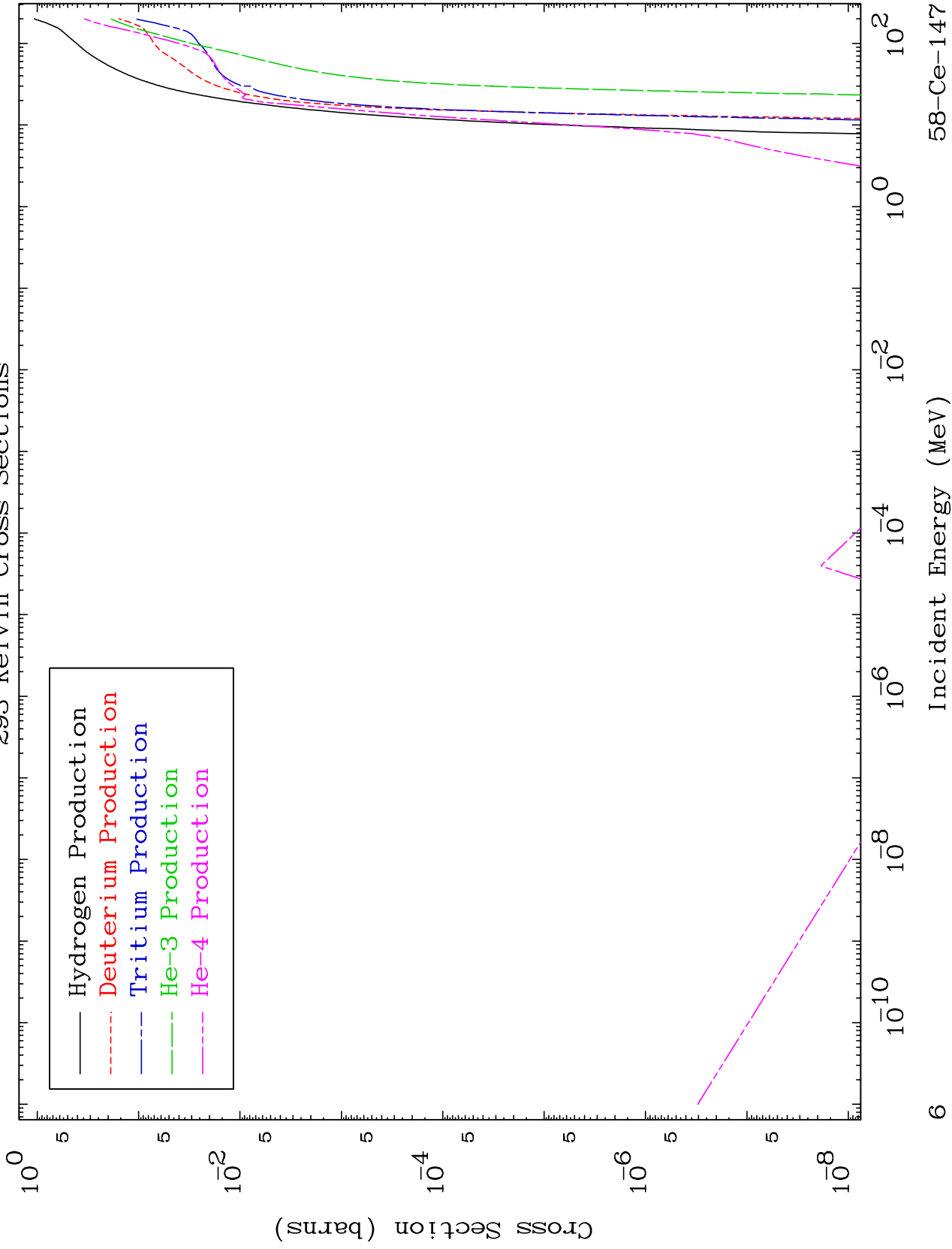
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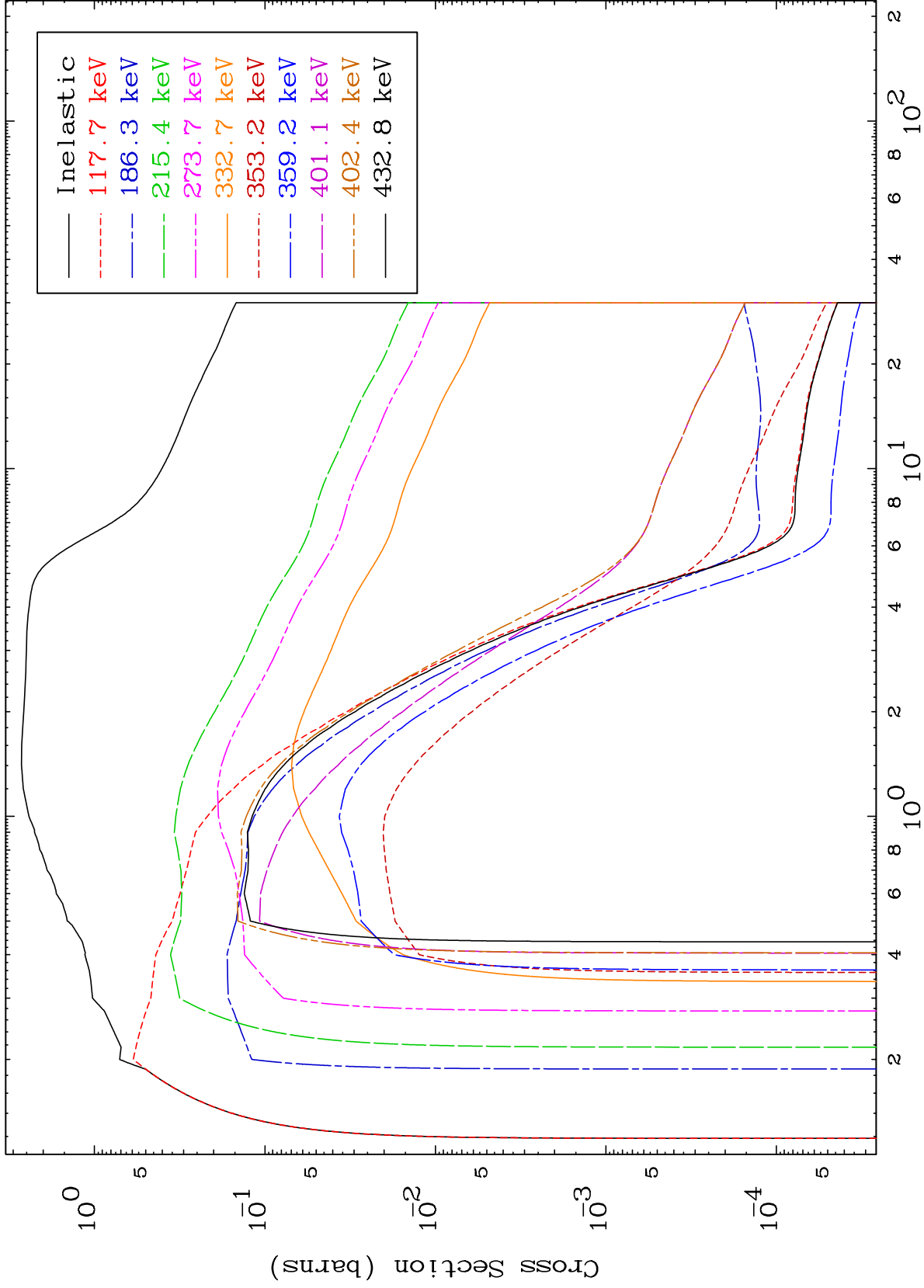


MAT 5858

Particle Production
293 Kelvin Cross Sections

58-Ce-147

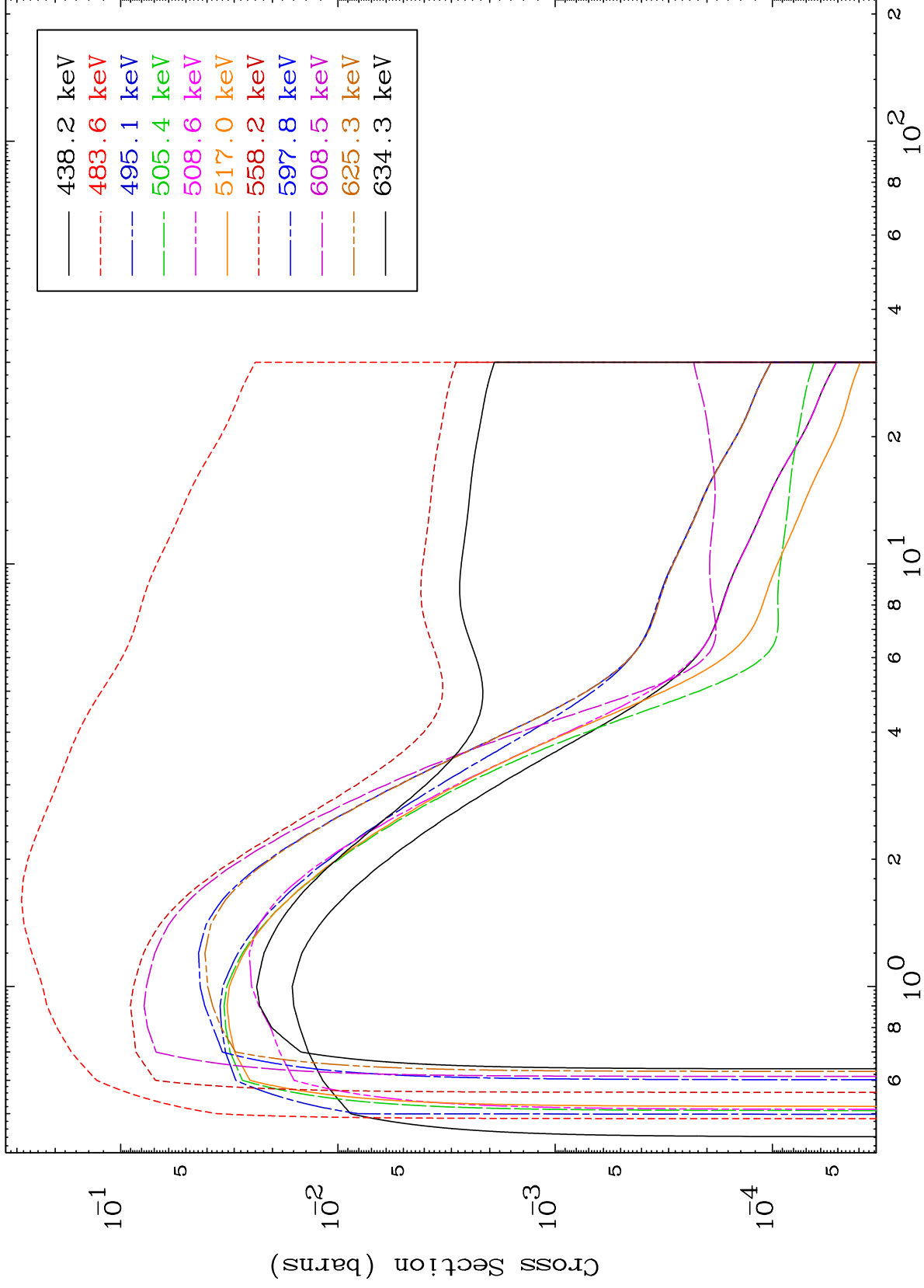




MAT 5858

(n,n') Level
293 Kelvin Cross Sections

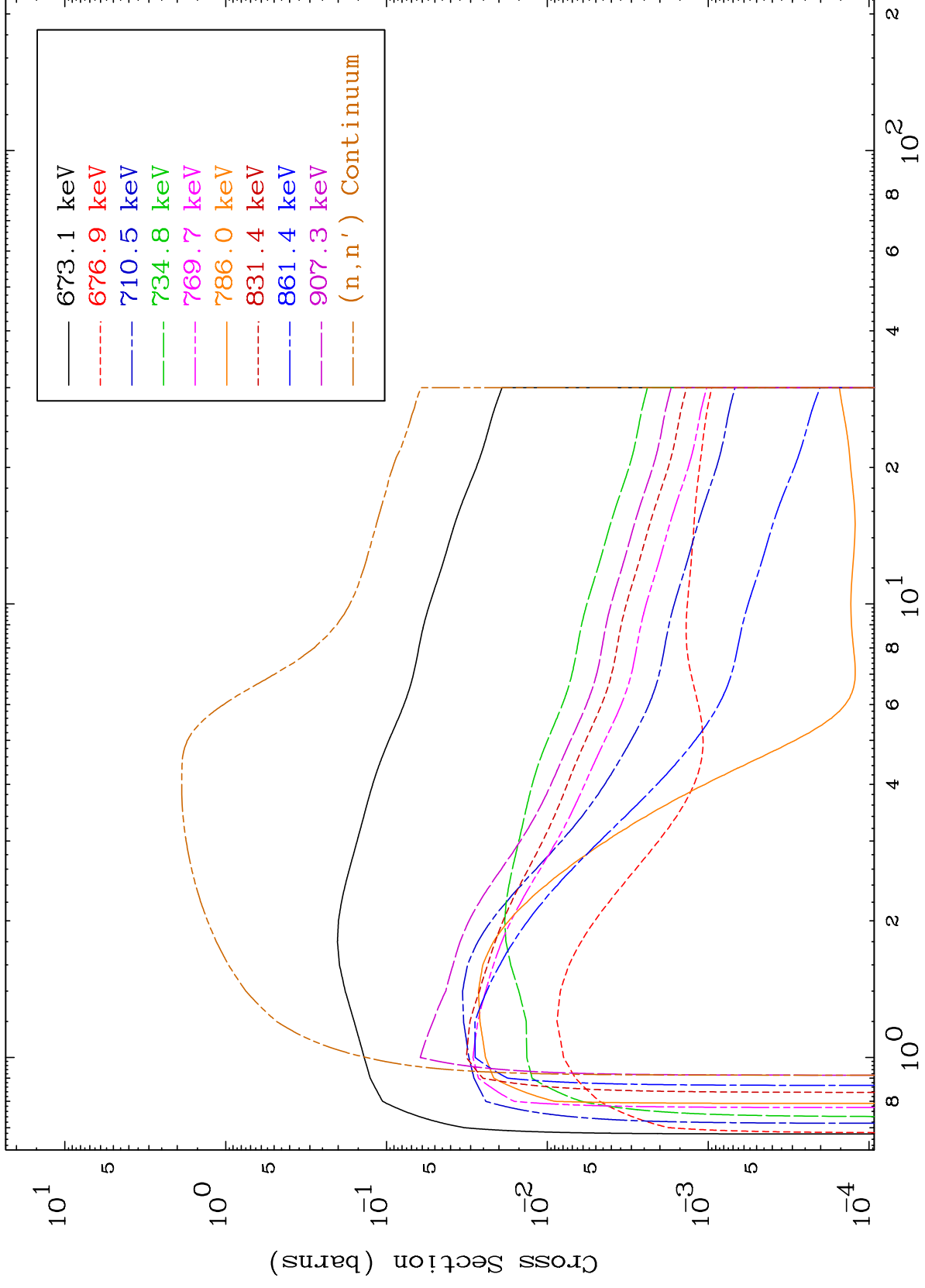
58-Ce-147



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Incident Energy (MeV)

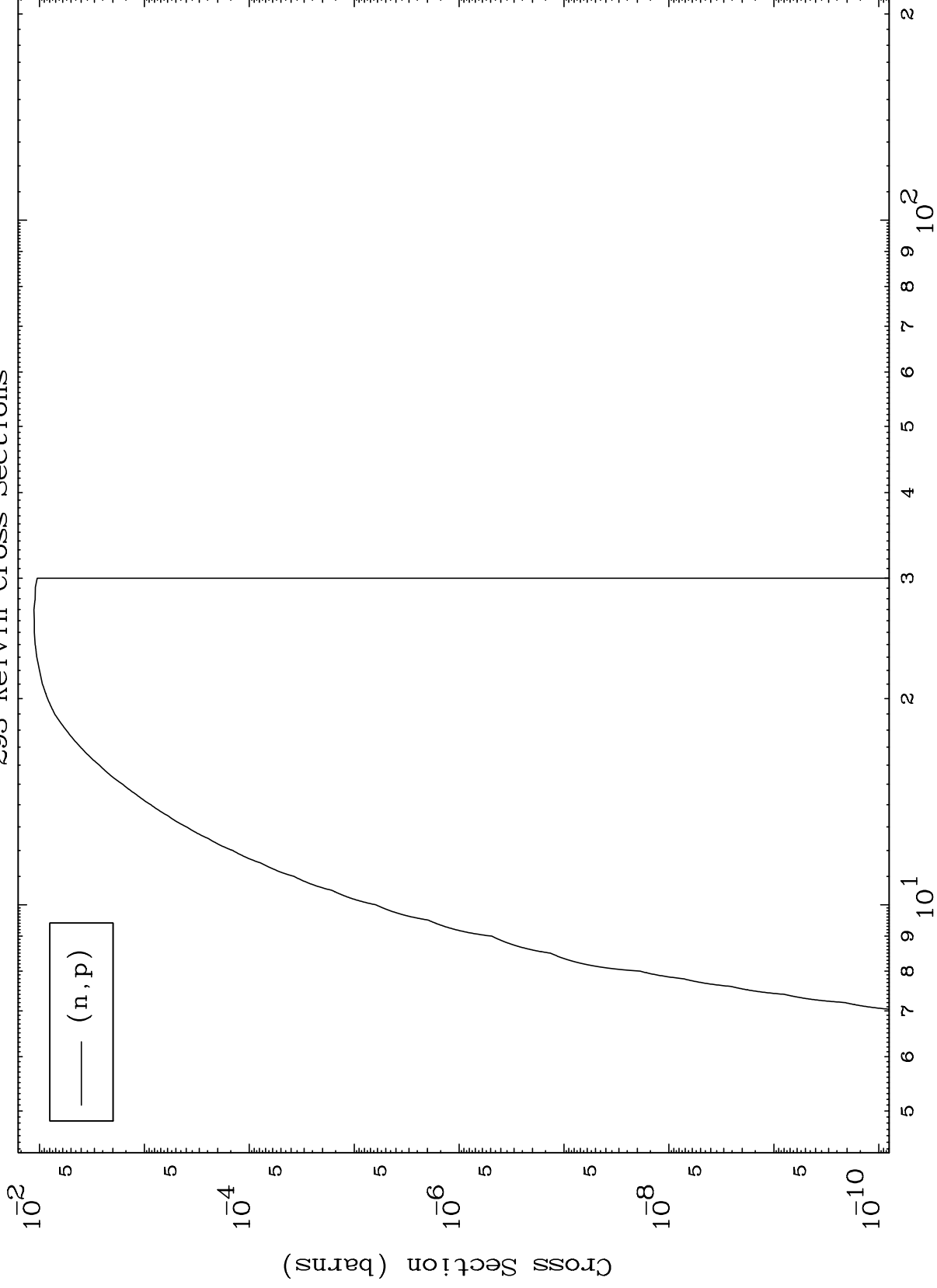
58-Ce-147



MAT 5858

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-147



10

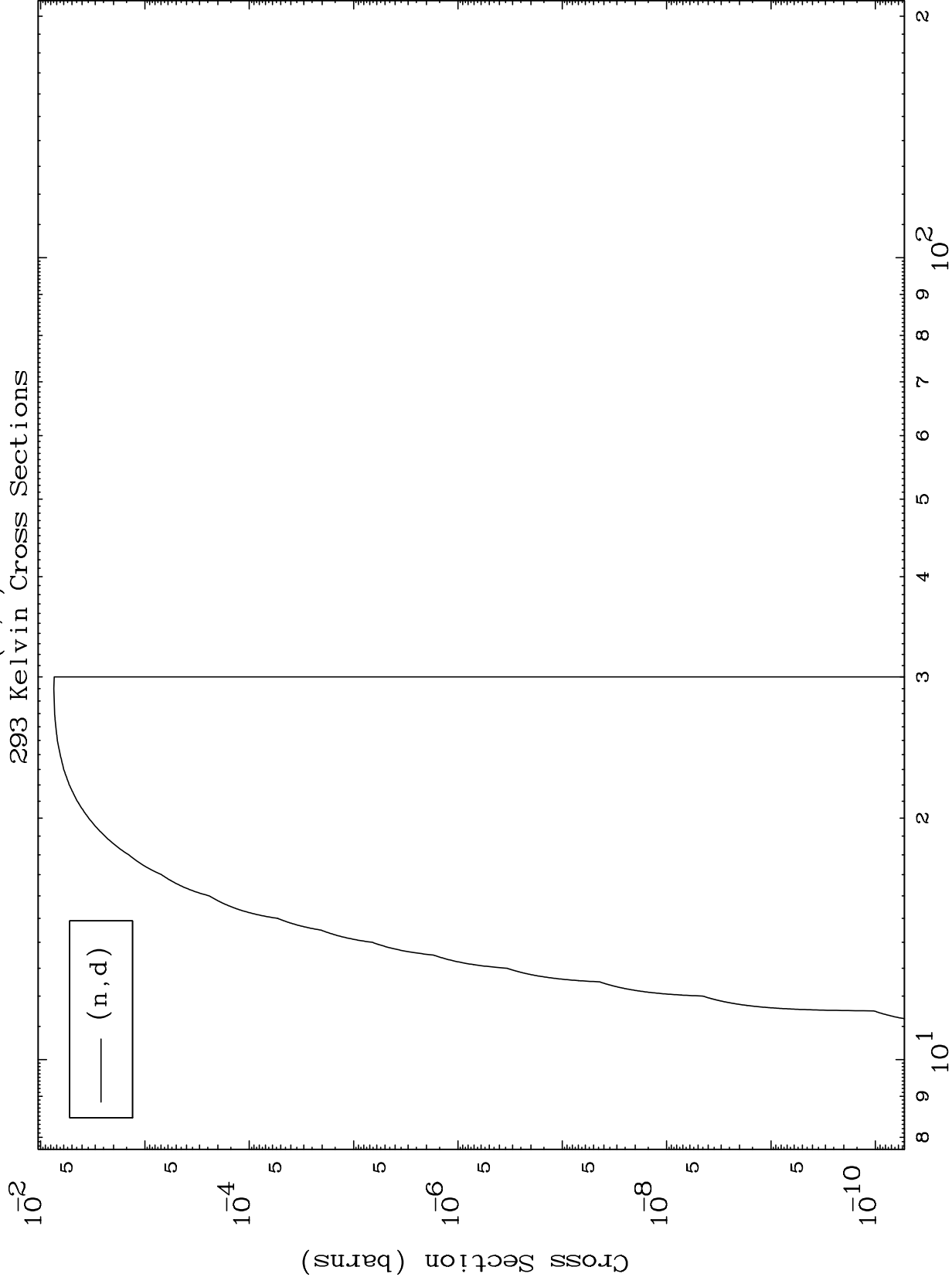
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-147



11

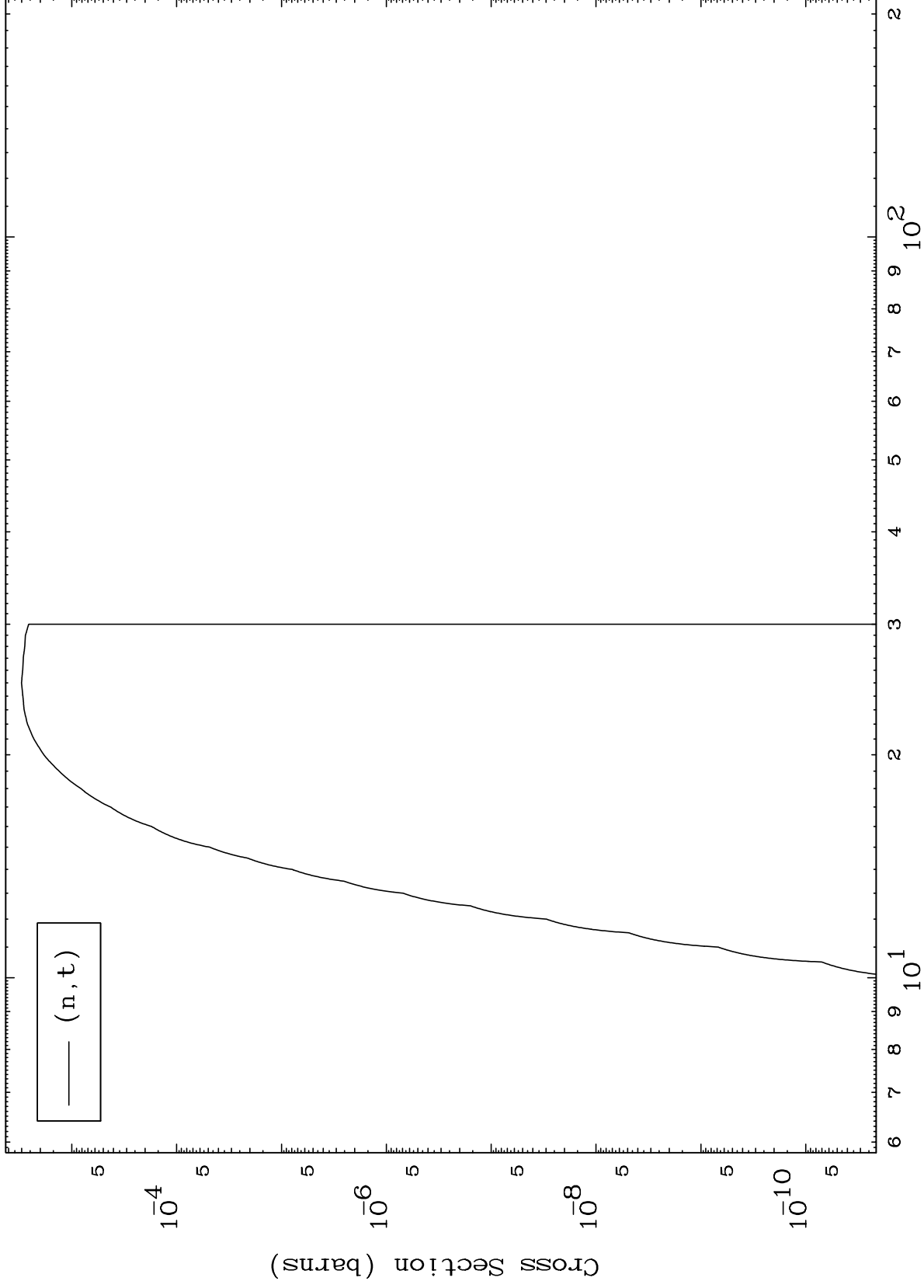
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-147



12

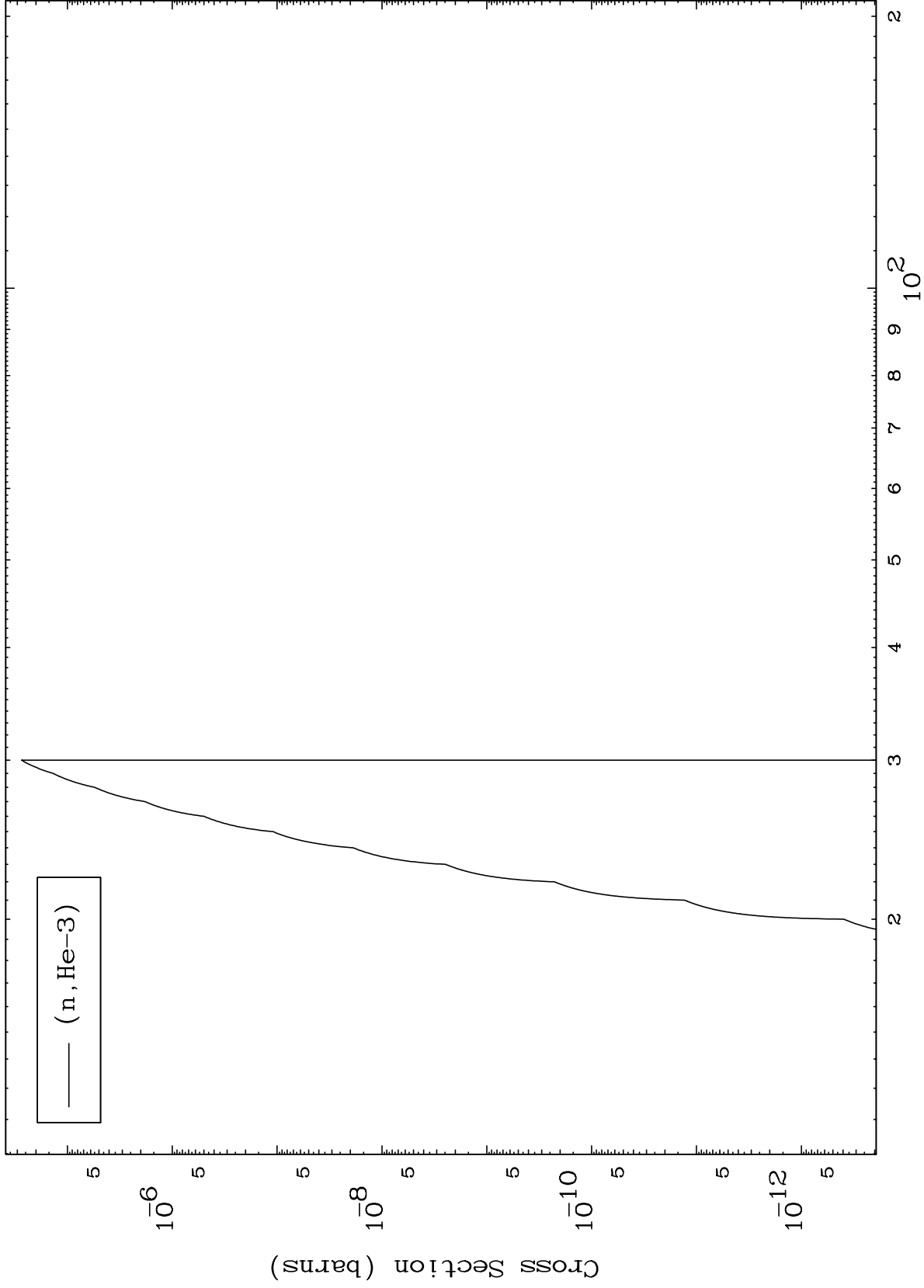
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-147



13

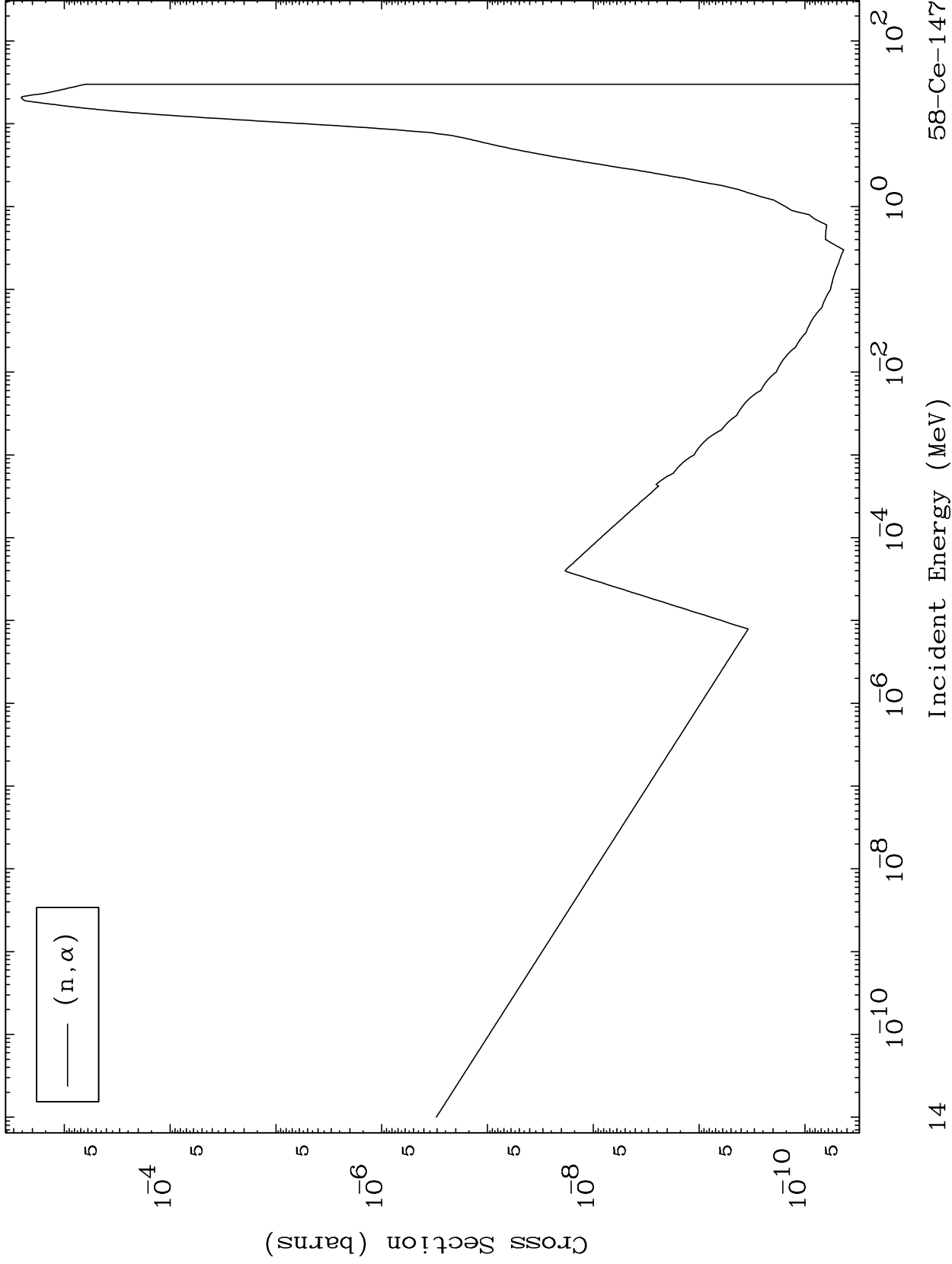
Incident Energy (MeV)

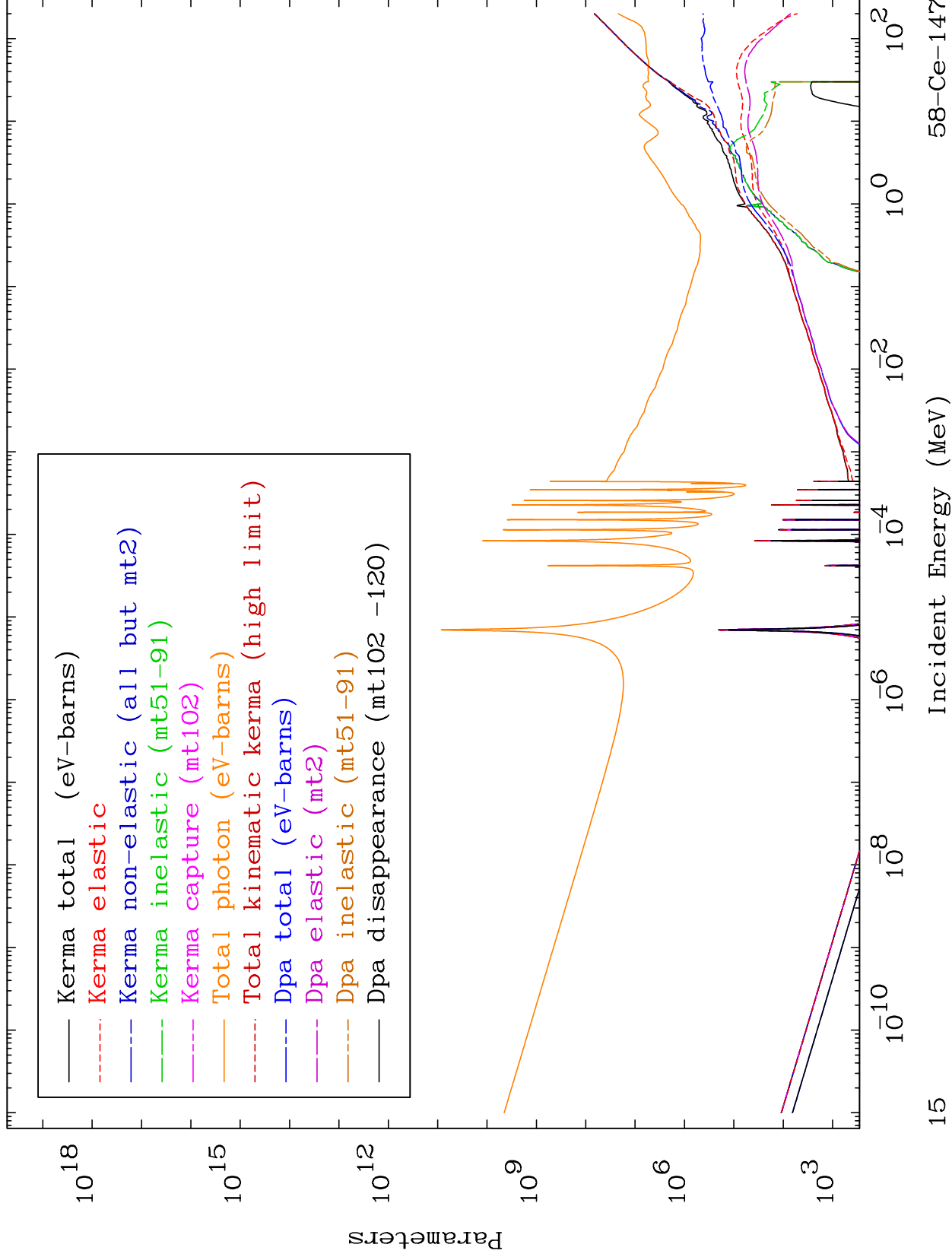
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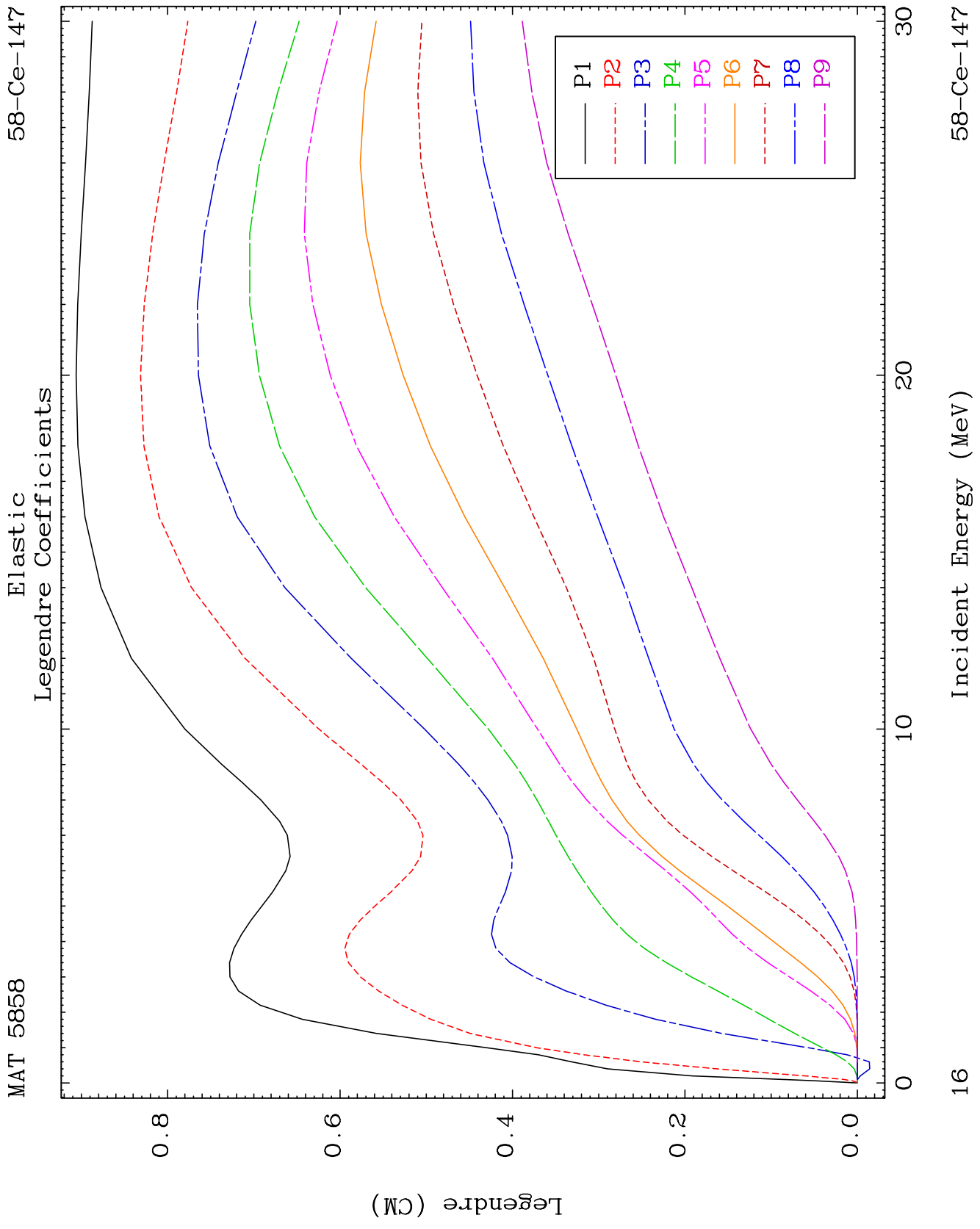
MAT 5858

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-147



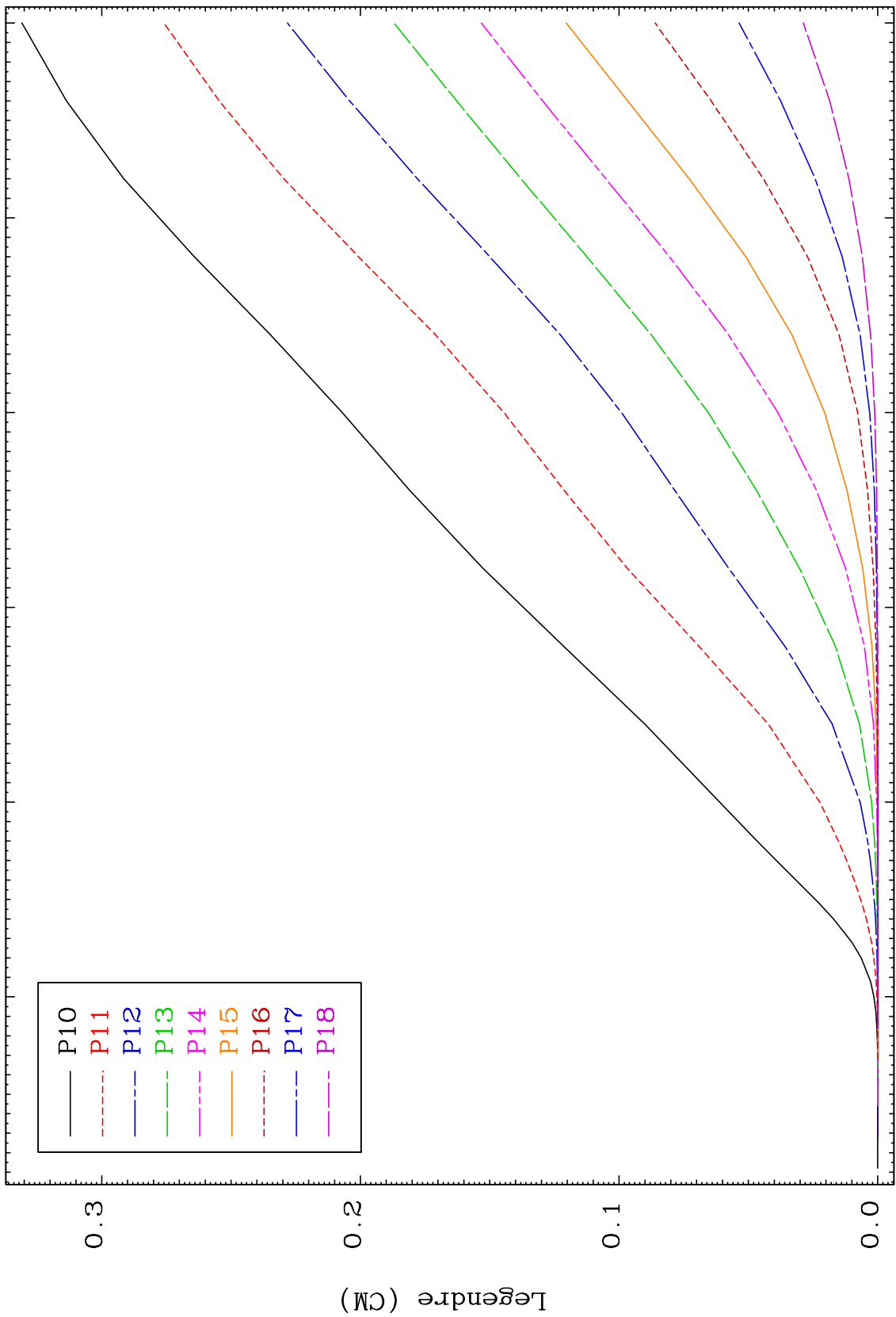




MAT 5858

Elastic Legendre Coefficients

58-Ce-147



17

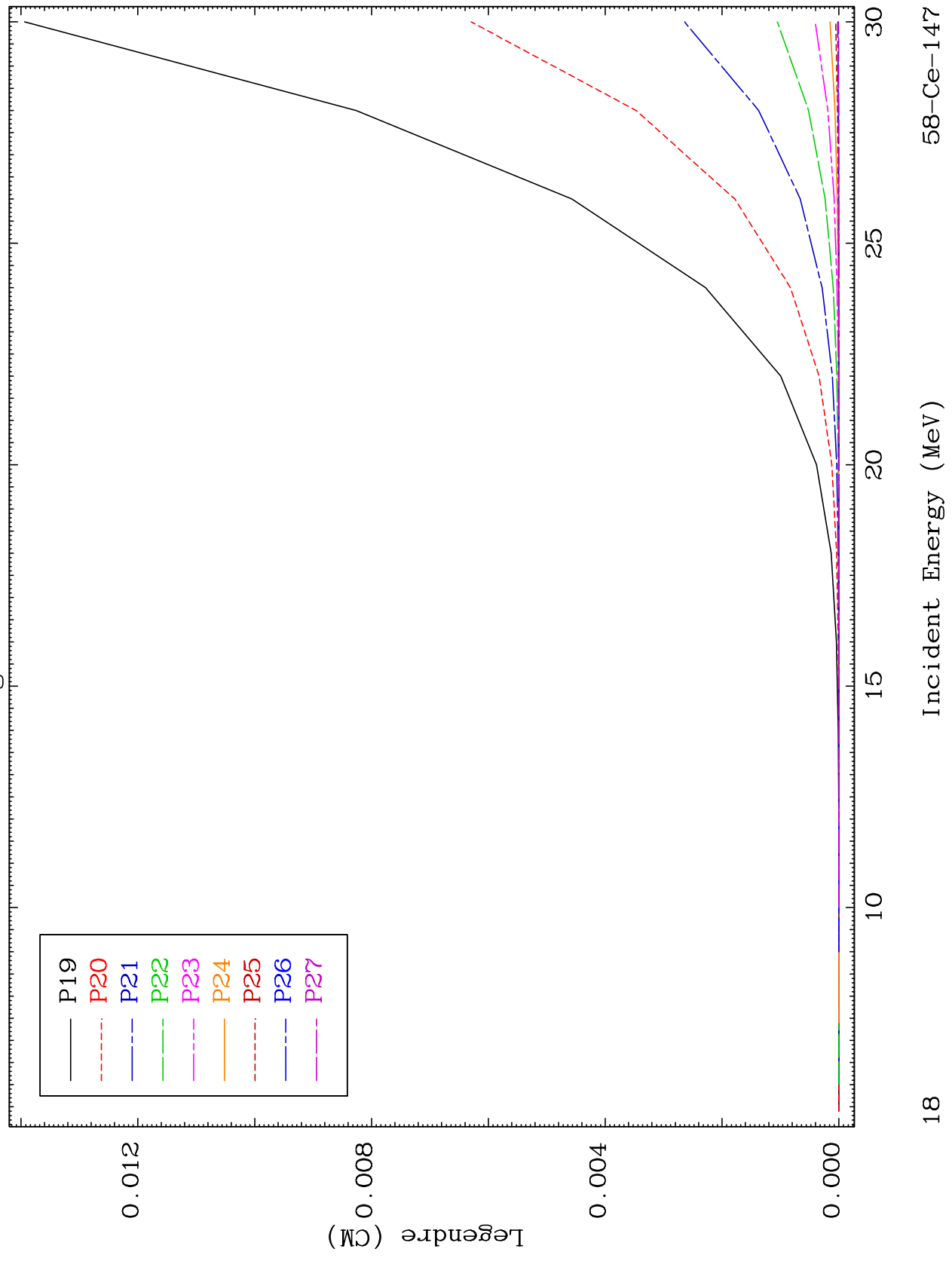
Incident Energy (MeV)

58-Ce-147

MAT 5858

Elastic Legendre Coefficients

58-Ce-147



18

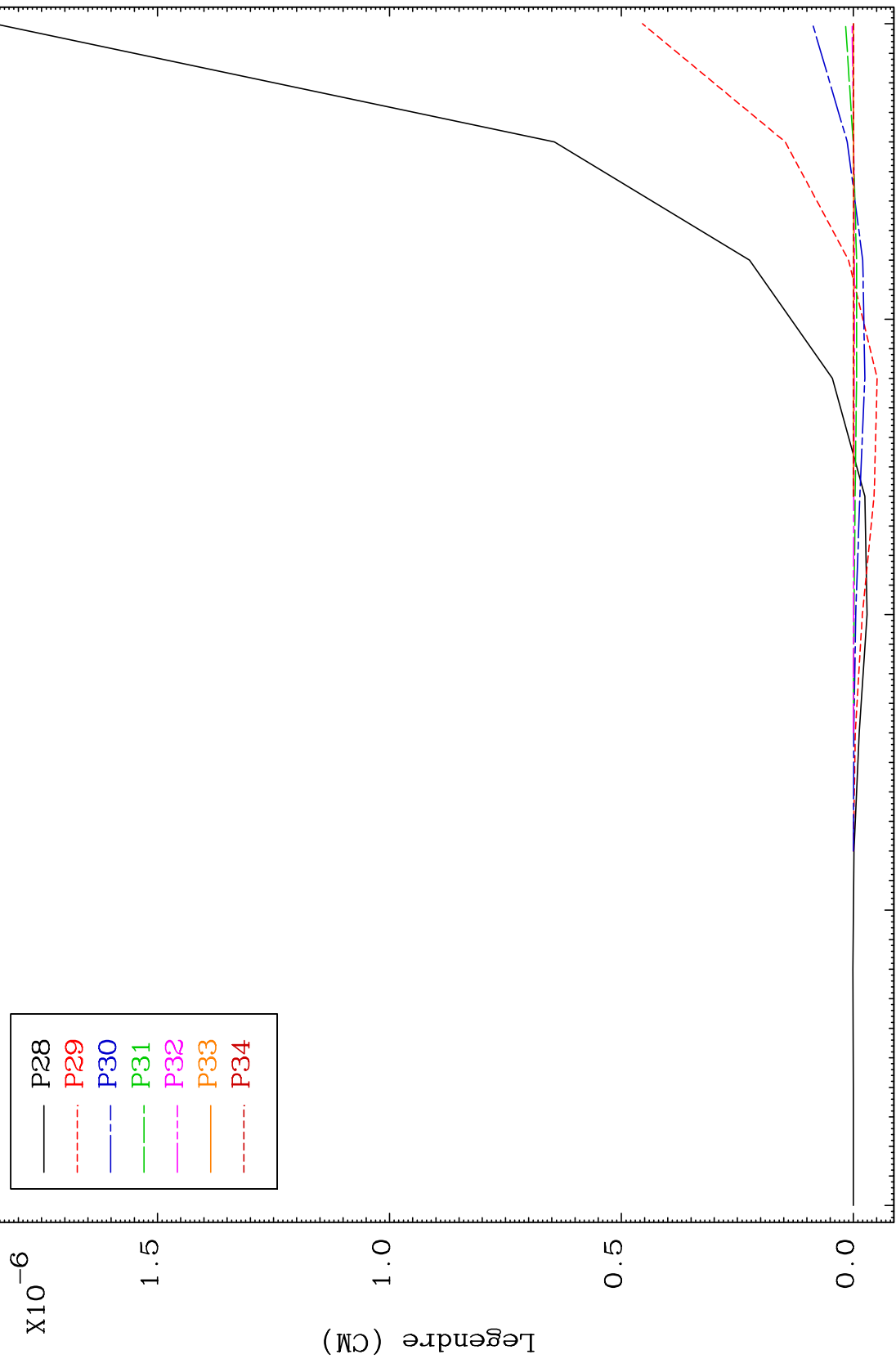
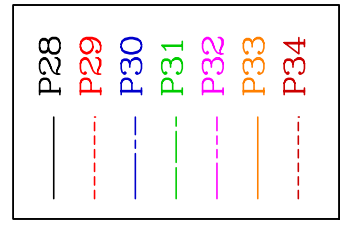
Incident Energy (MeV)

58-Ce-147

MAT 5858

Elastic Legendre Coefficients

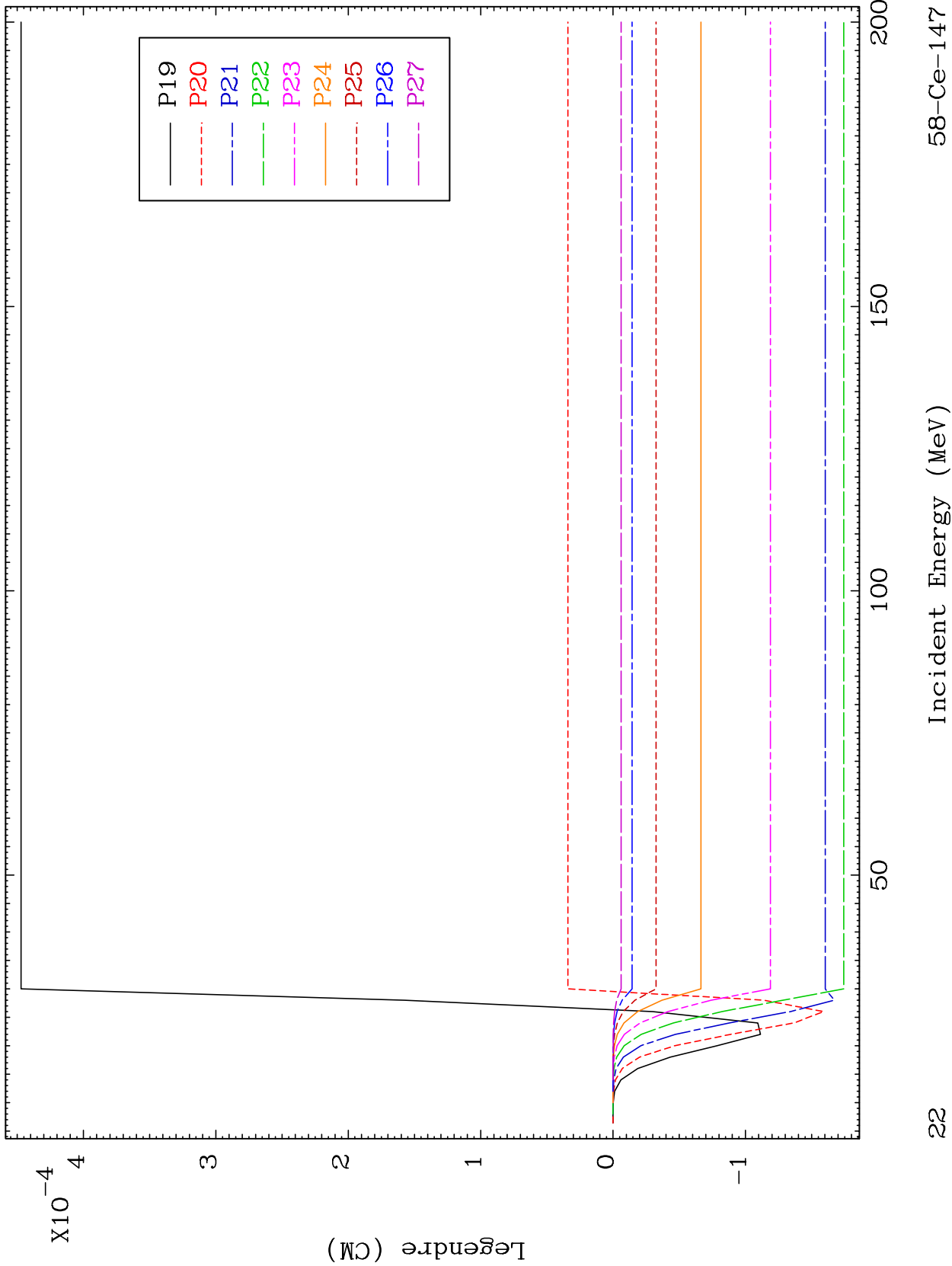
58-Ce-147

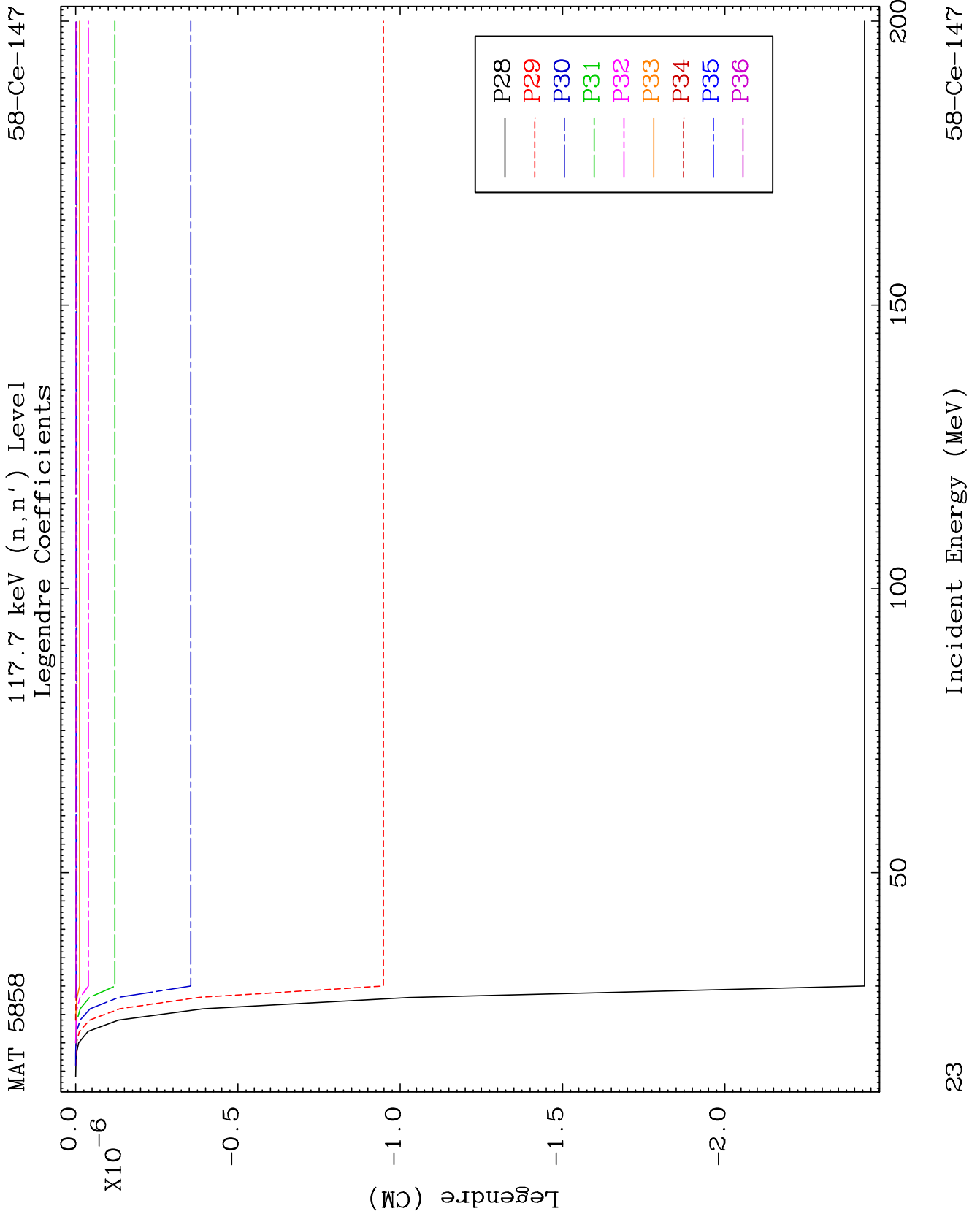


58-Ce-147

Incident Energy (MeV)

19

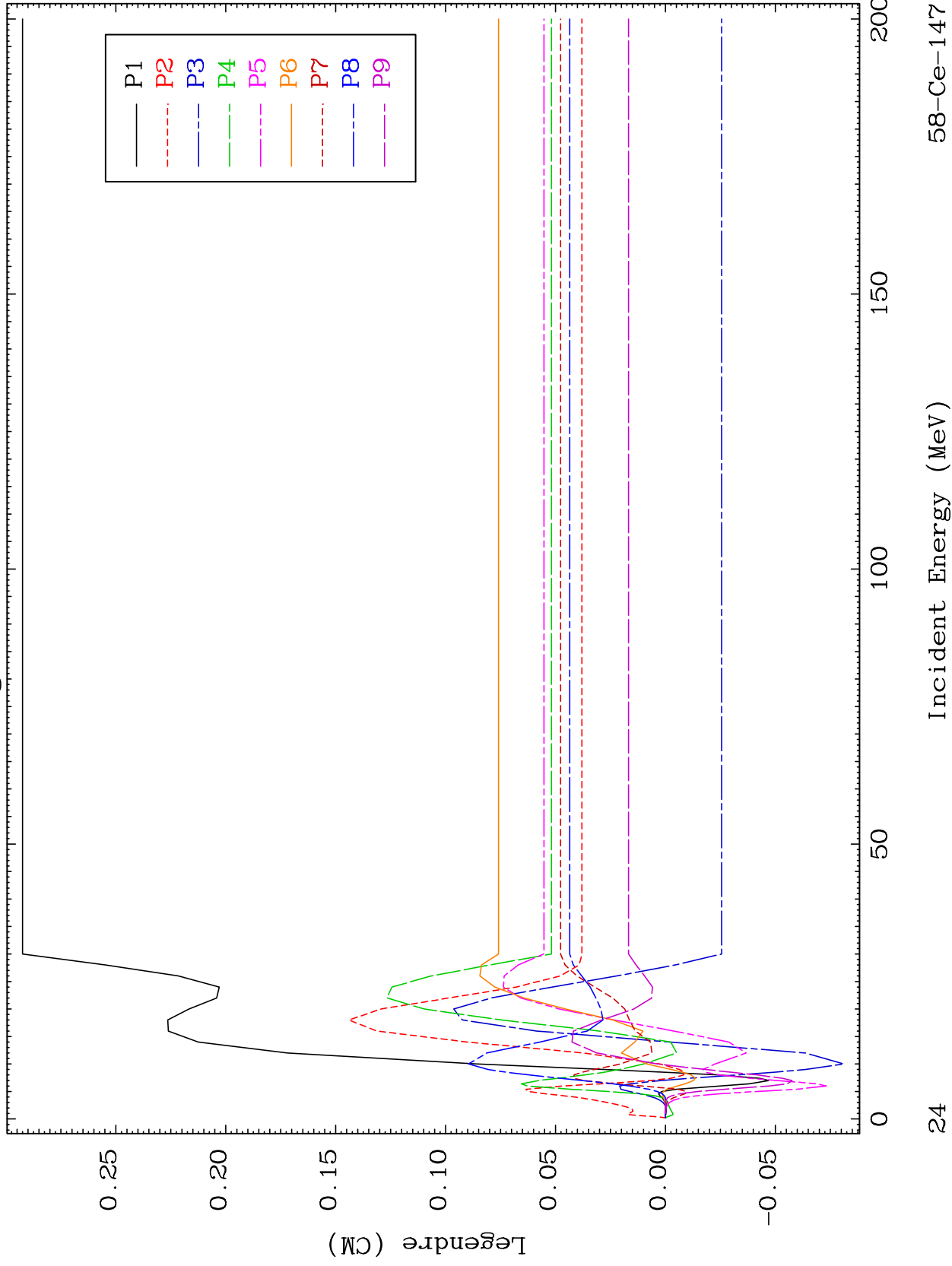




MAT 5858

186.3 keV (n,n') Level
Legendre Coefficients

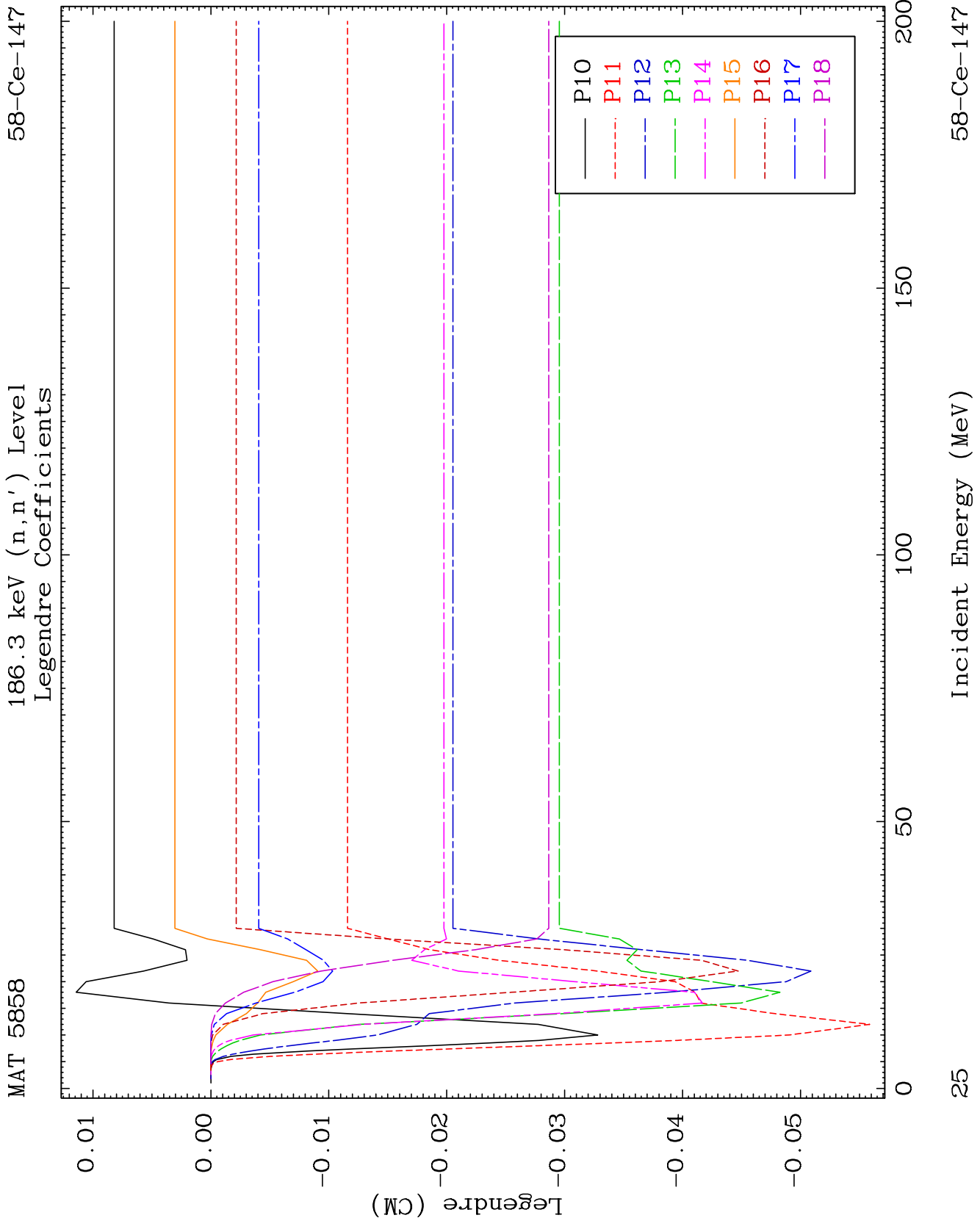
58-Ce-147



58-Ce-147

Incident Energy (MeV)

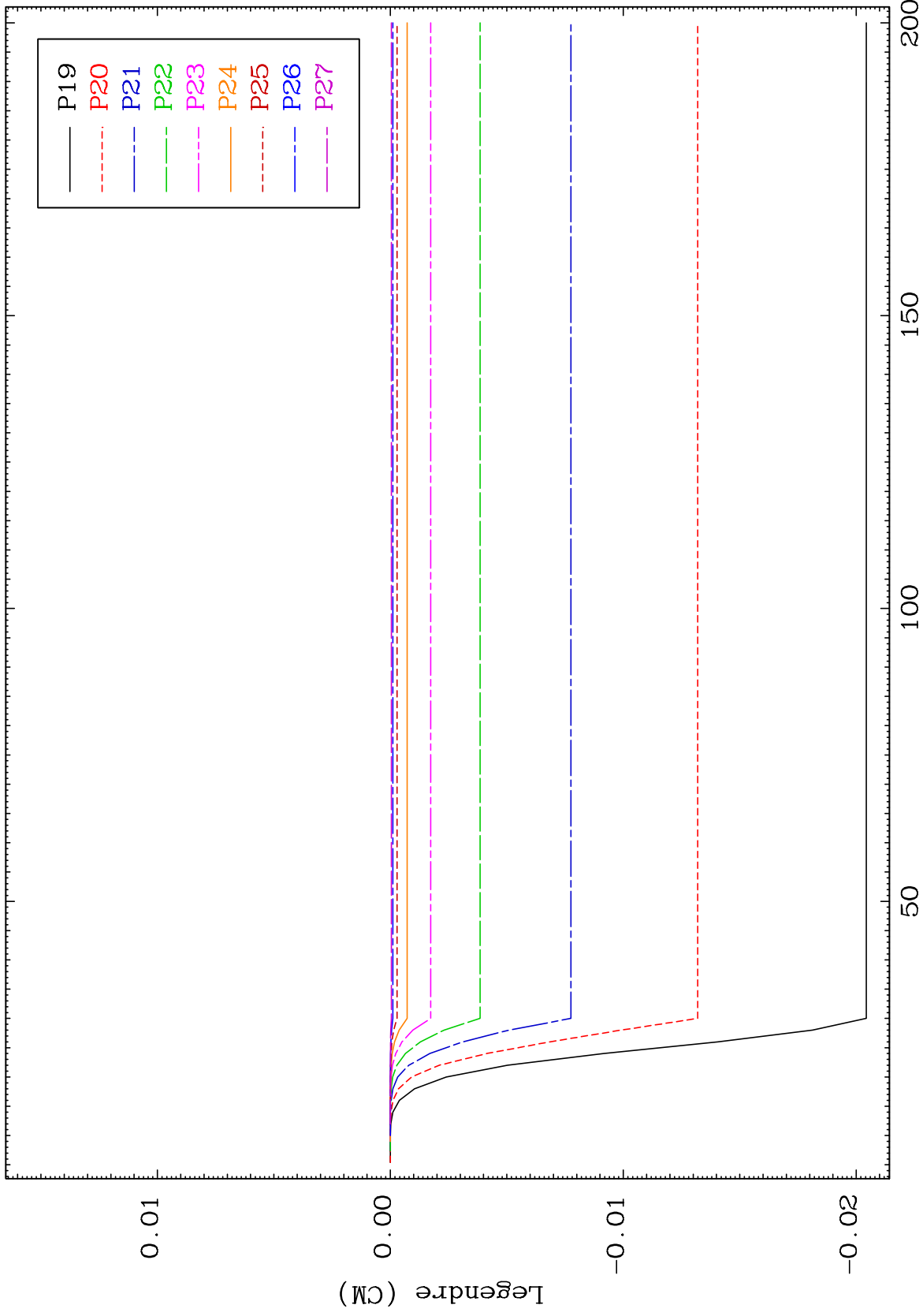
24



MAT 5858

186.3 keV (n,n') Level
Legendre Coefficients

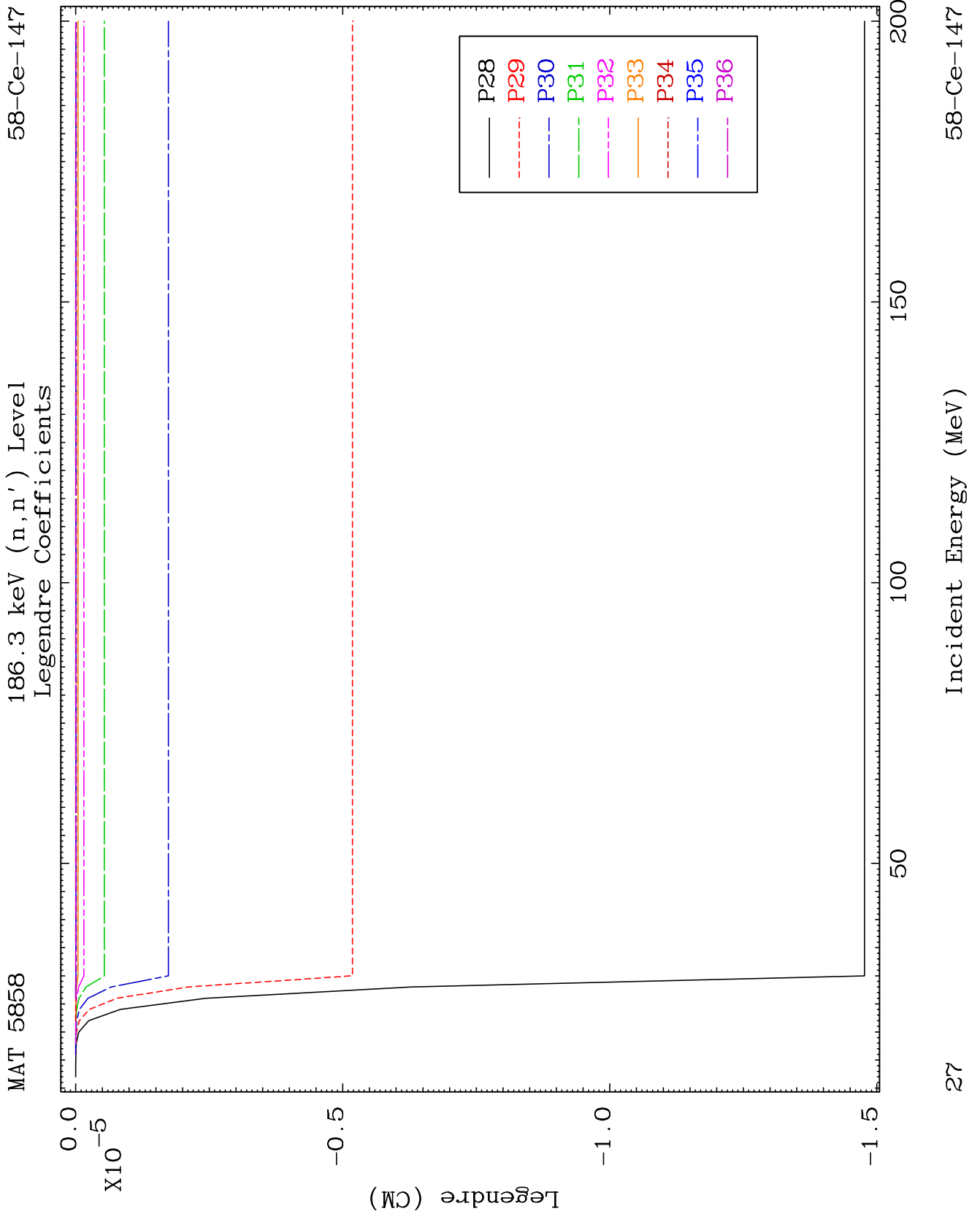
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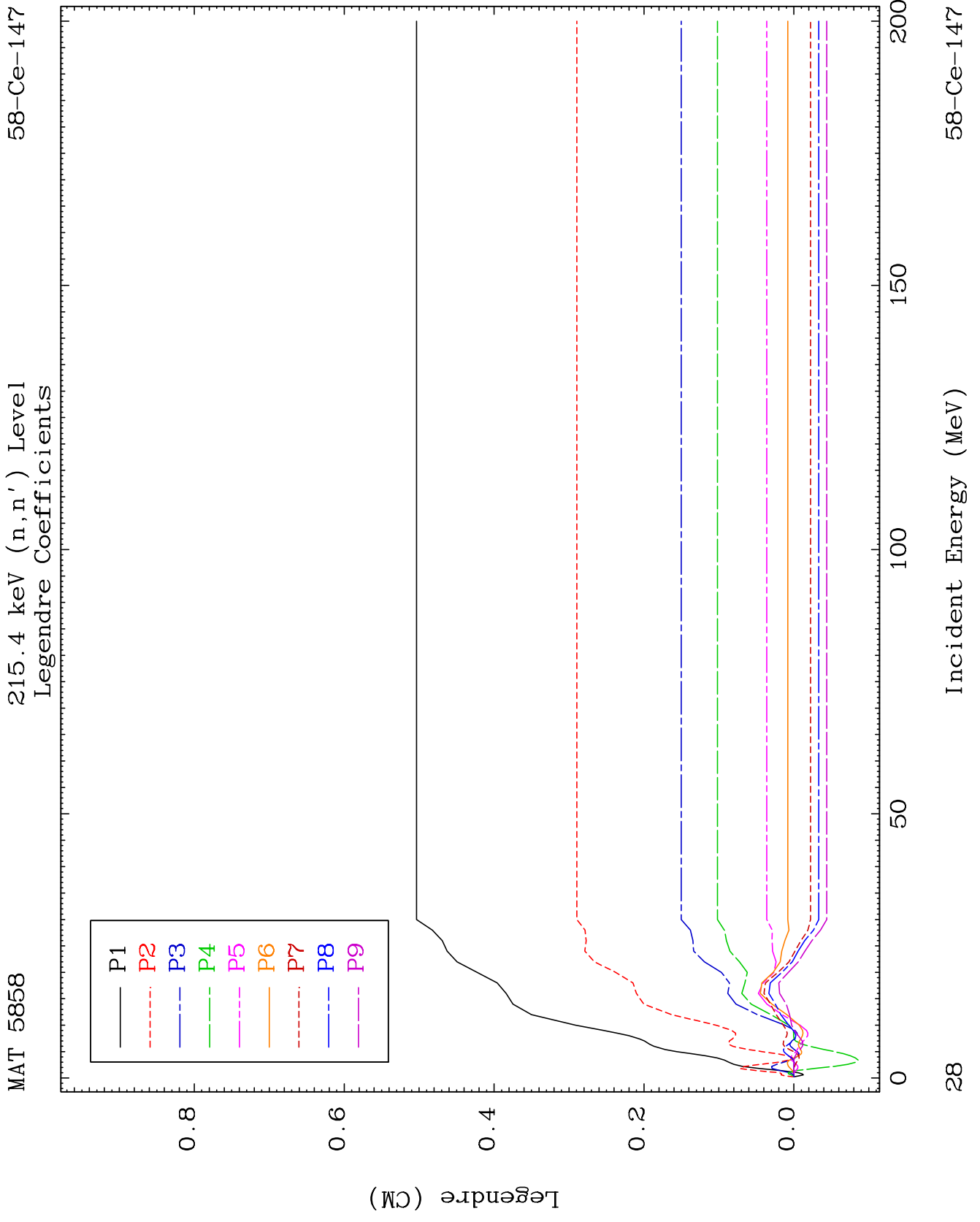


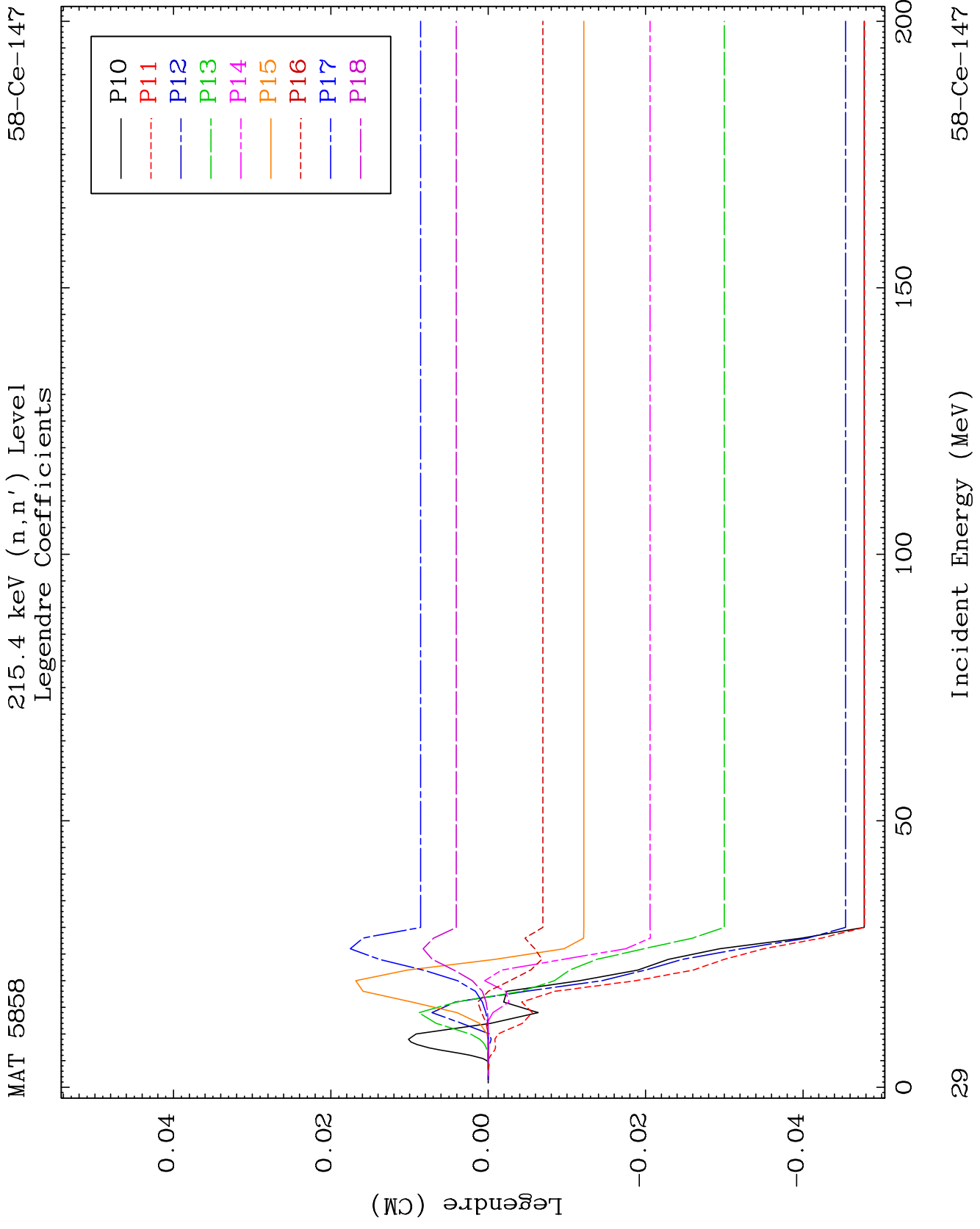
26

Incident Energy (MeV)

58-Ce-147



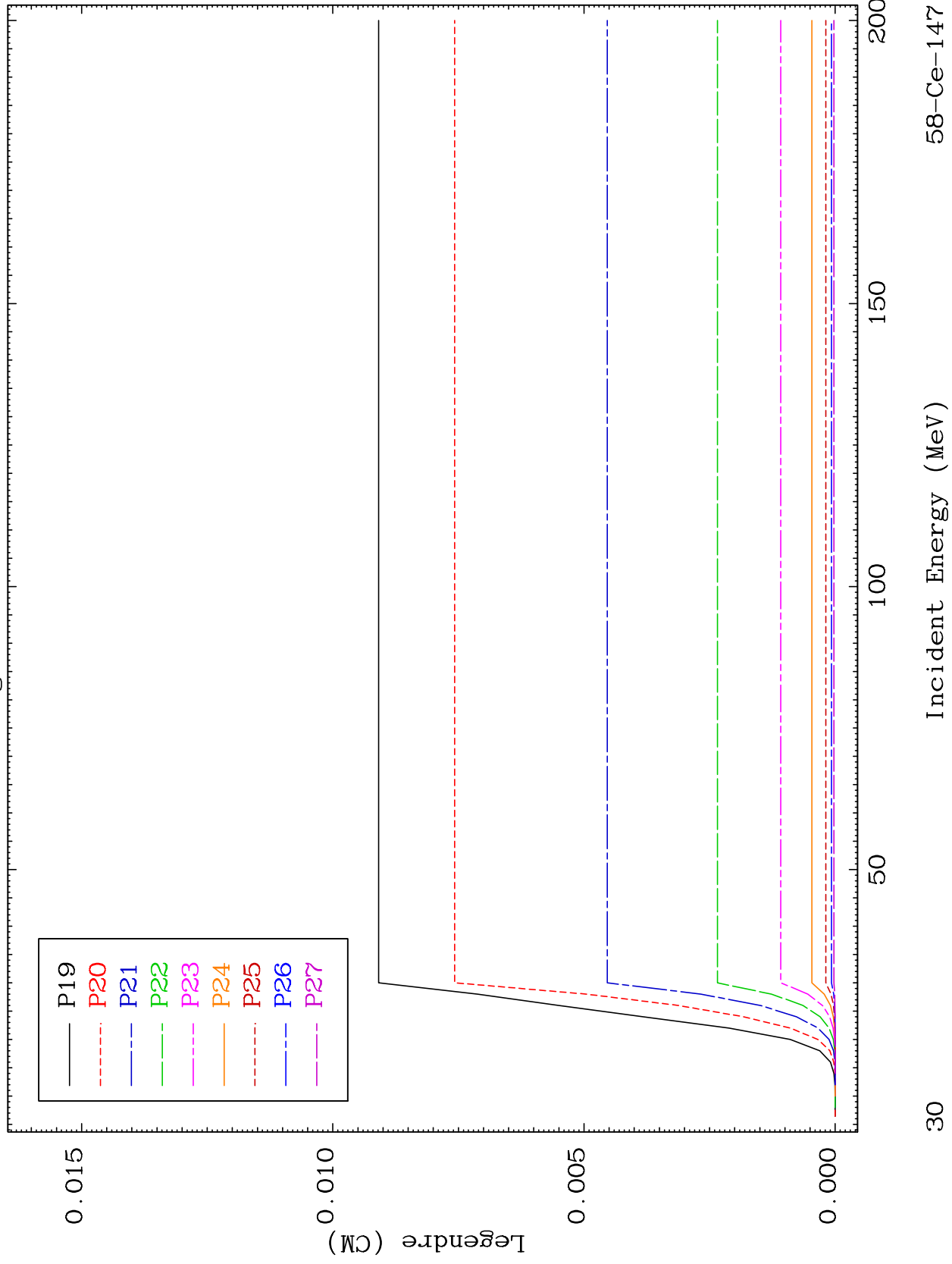




MAT 5858

215.4 keV (n,n') Level
Legendre Coefficients

58-Ce-147

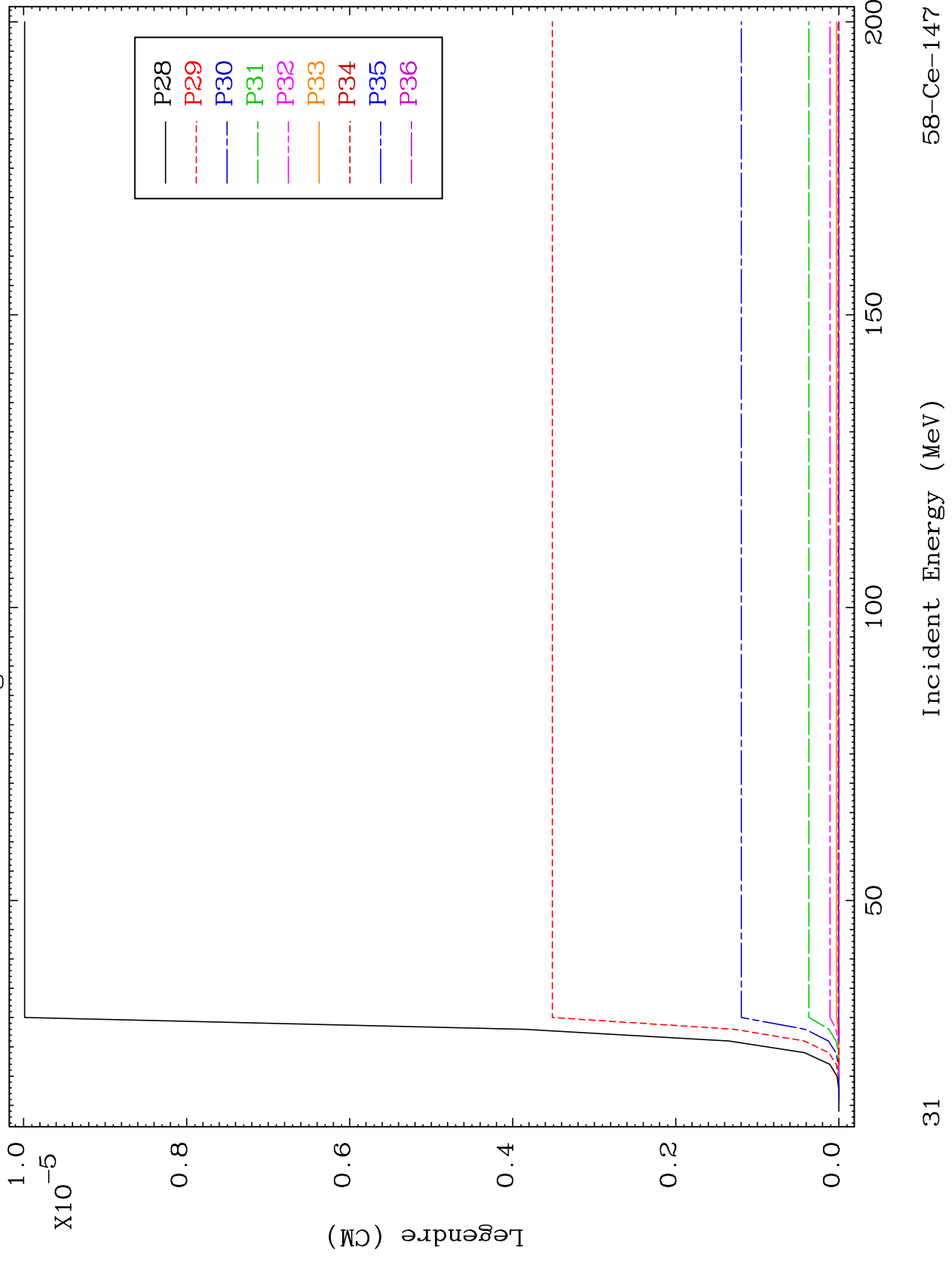


58-Ce-147

Incident Energy (MeV)

30

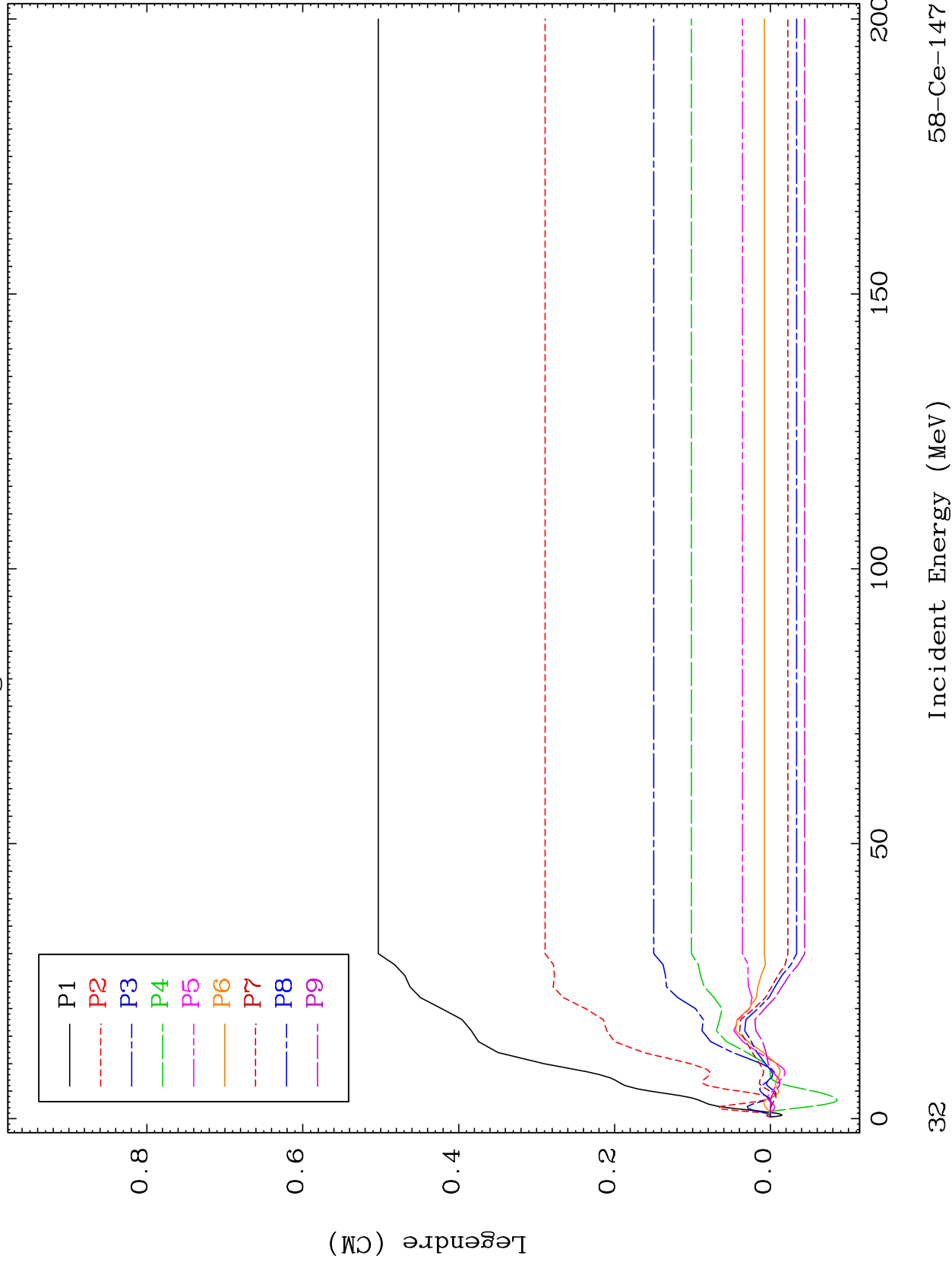
MAT 5858 215.4 keV (n,n') Level Legendre Coefficients 58-Ce-147



MAT 5858

273.7 keV (n,n') Level
Legendre Coefficients

58-Ce-147

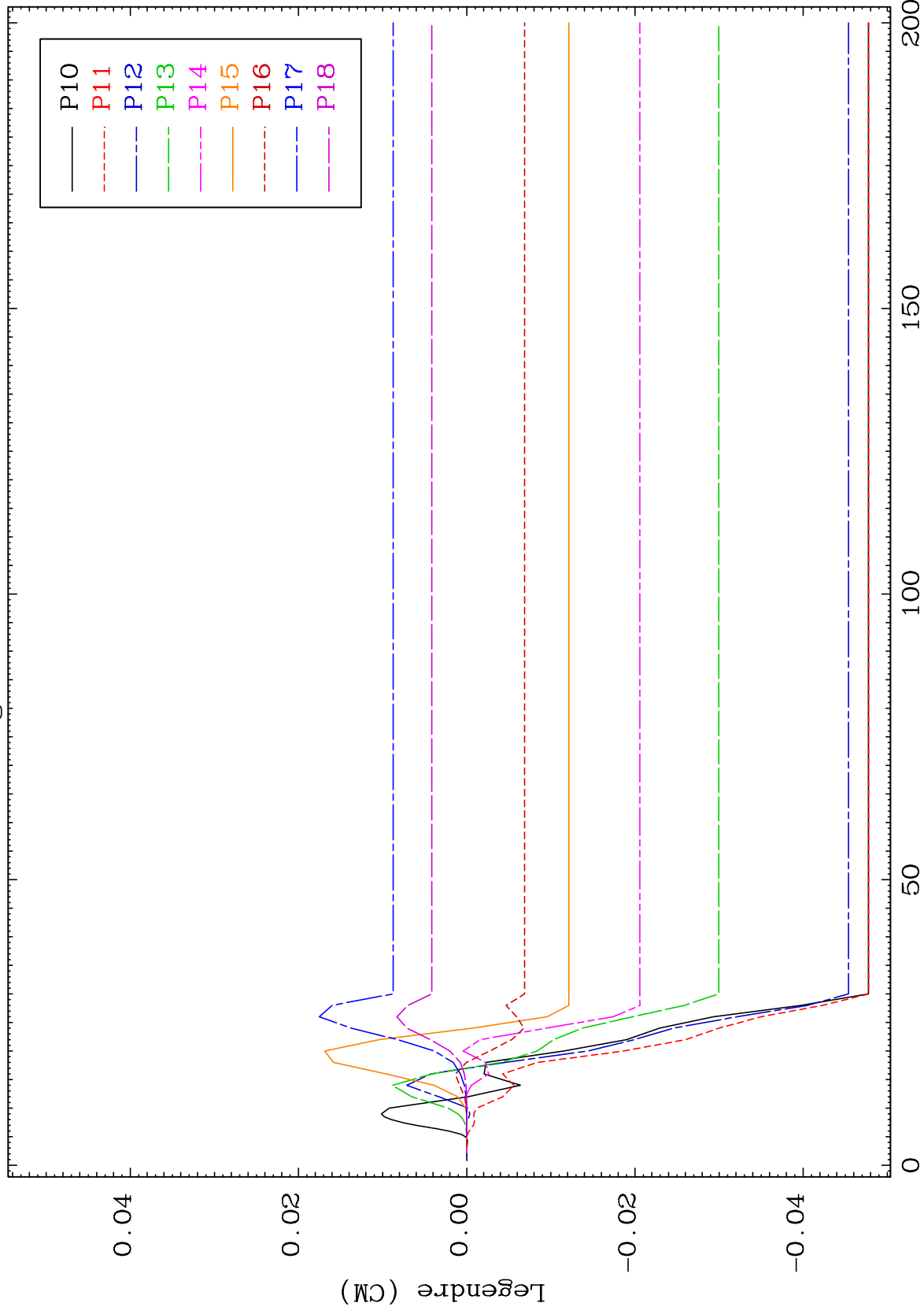


32

MAT 5858

273.7 keV (n,n') Level
Legendre Coefficients

58-Ce-147



33

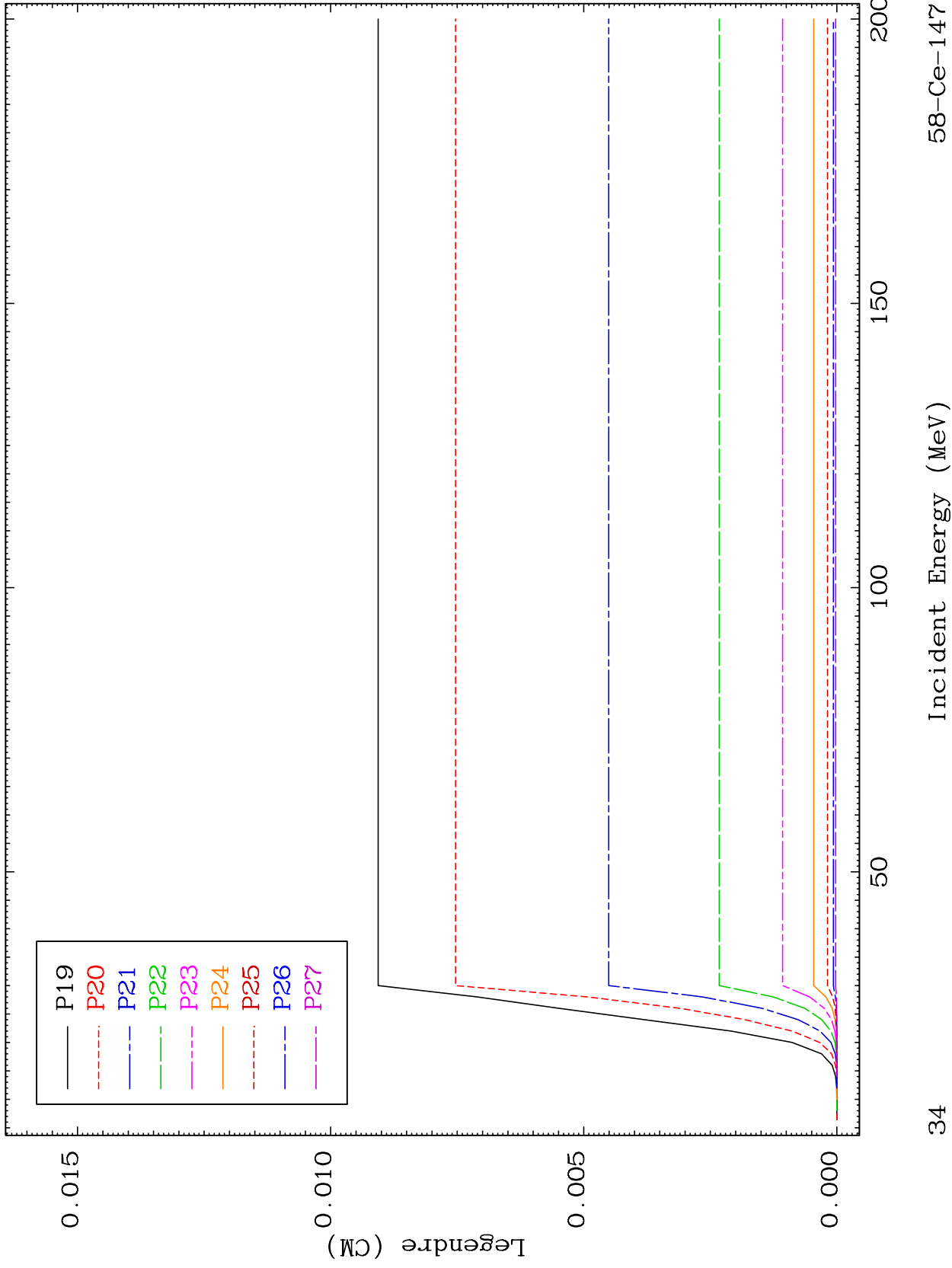
Incident Energy (MeV)

58-Ce-147

MAT 5858

273.7 keV (n,n') Level
Legendre Coefficients

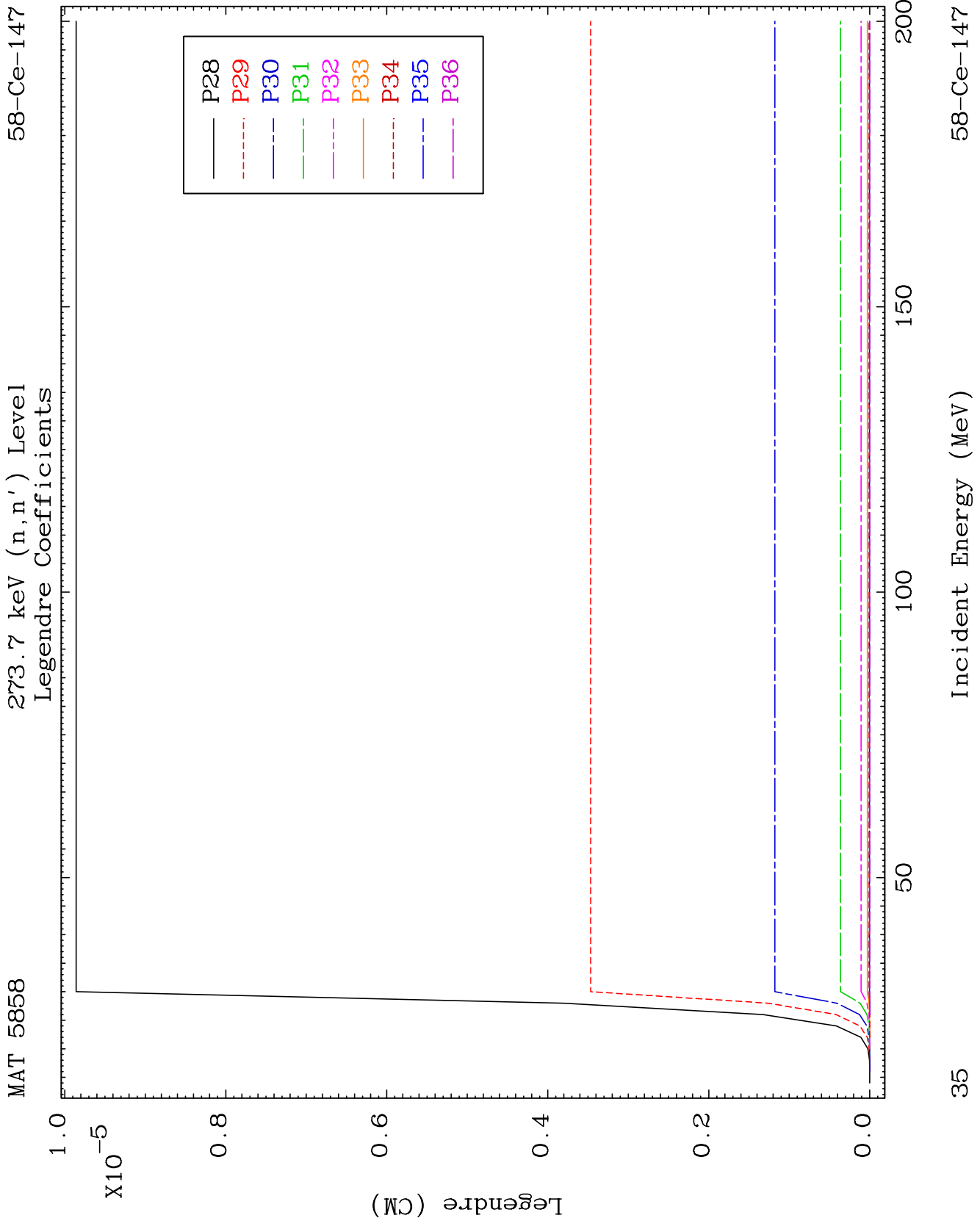
58-Ce-147



34

Incident Energy (MeV)

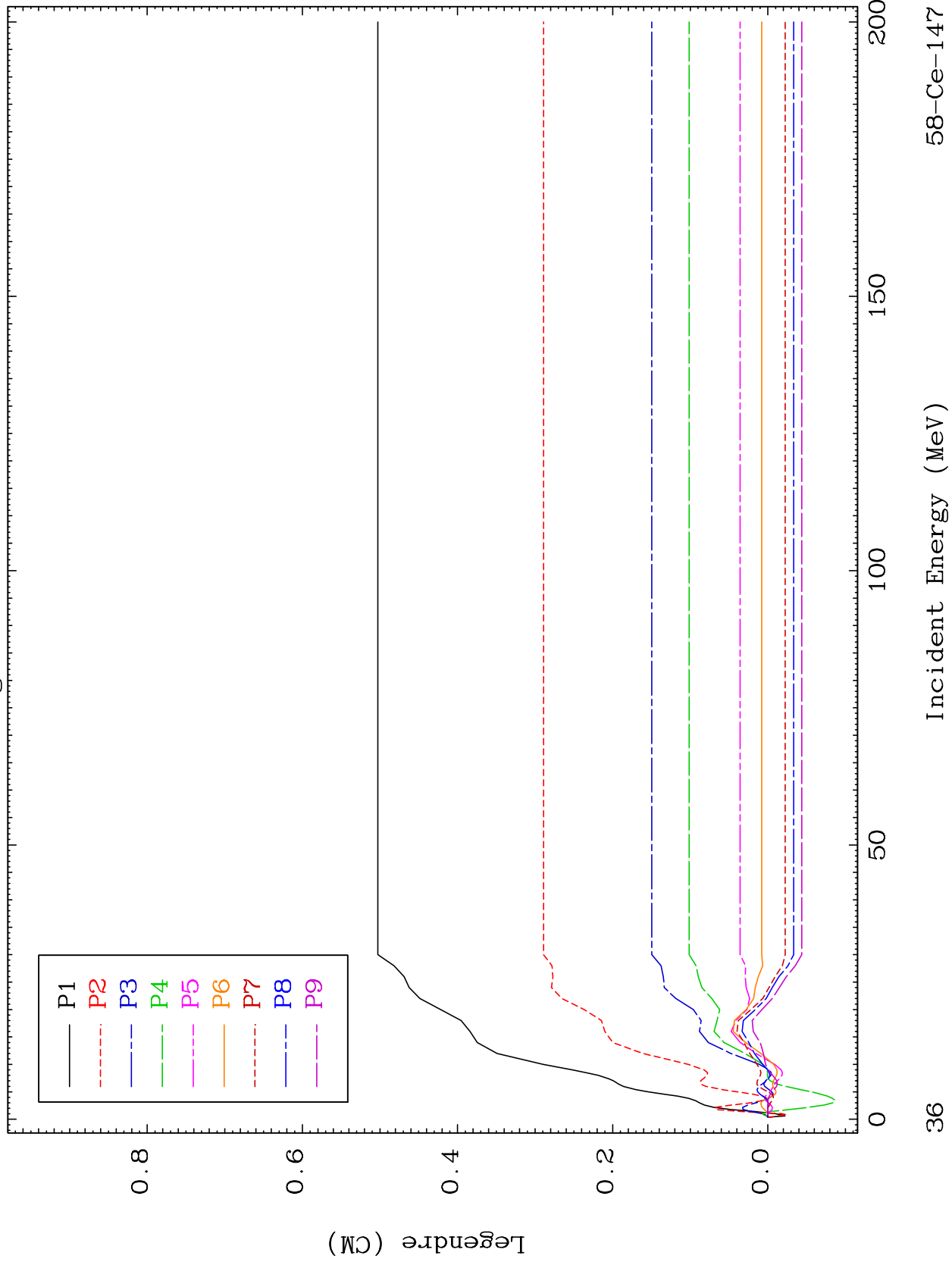
58-Ce-147



MAT 5858

332.7 keV (n,n') Level
Legendre Coefficients

58-Ce-147



58-Ce-147

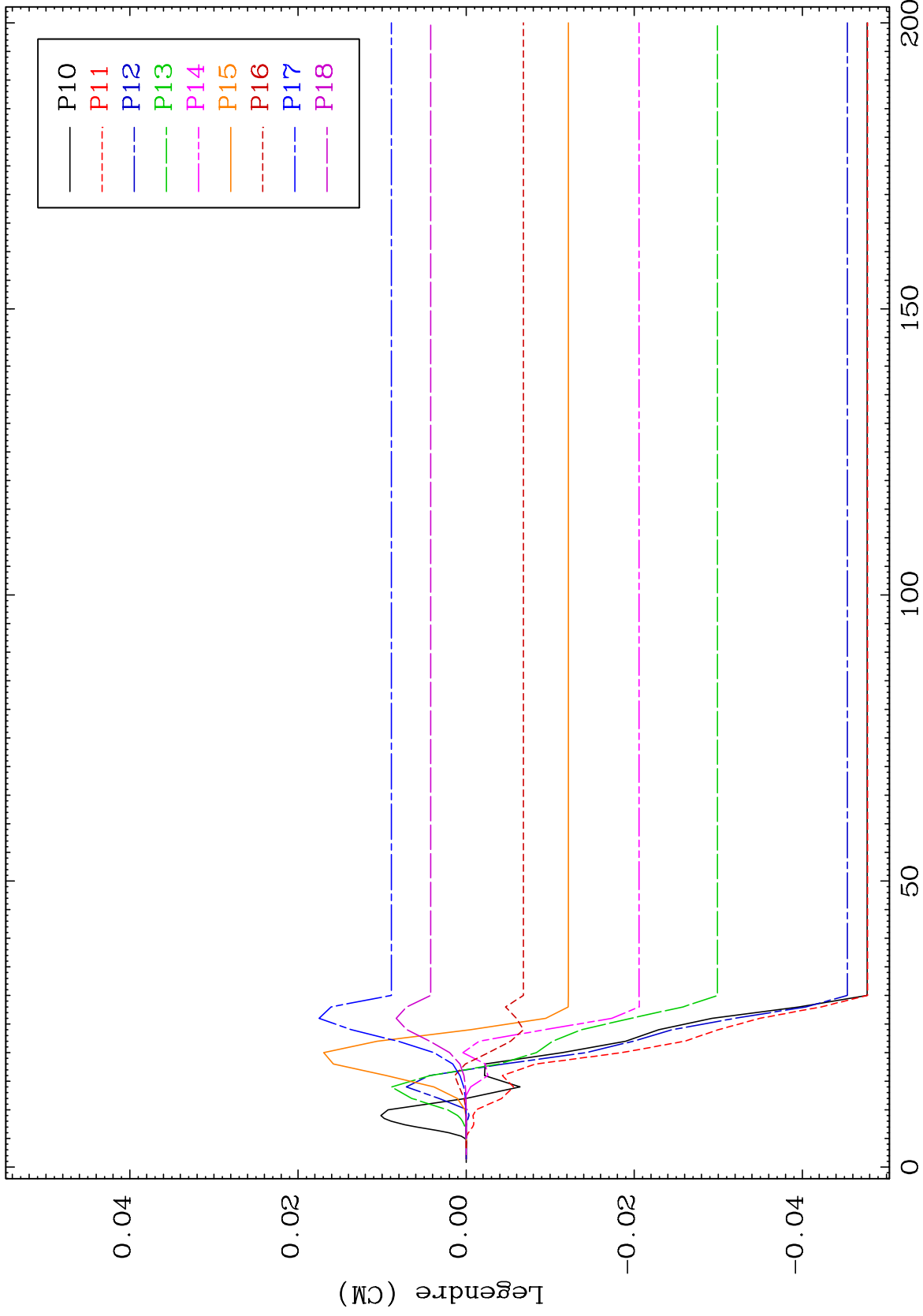
Incident Energy (MeV)

36

MAT 5858

332.7 keV (n,n') Level
Legendre Coefficients

58-Ce-147



37

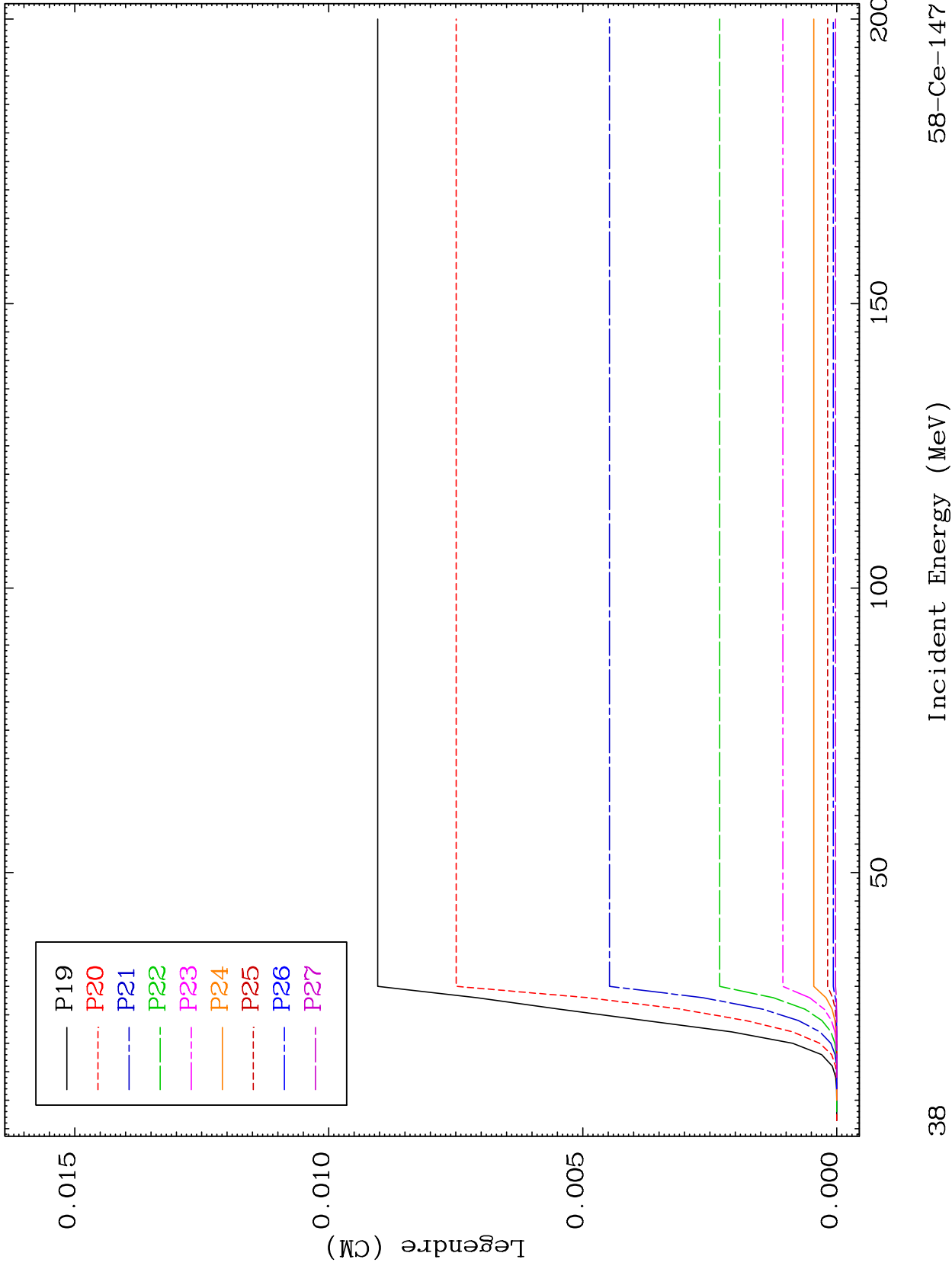
Incident Energy (MeV)

58-Ce-147

MAT 5858

332.7 keV (n,n') Level
Legendre Coefficients

58-Ce-147



38

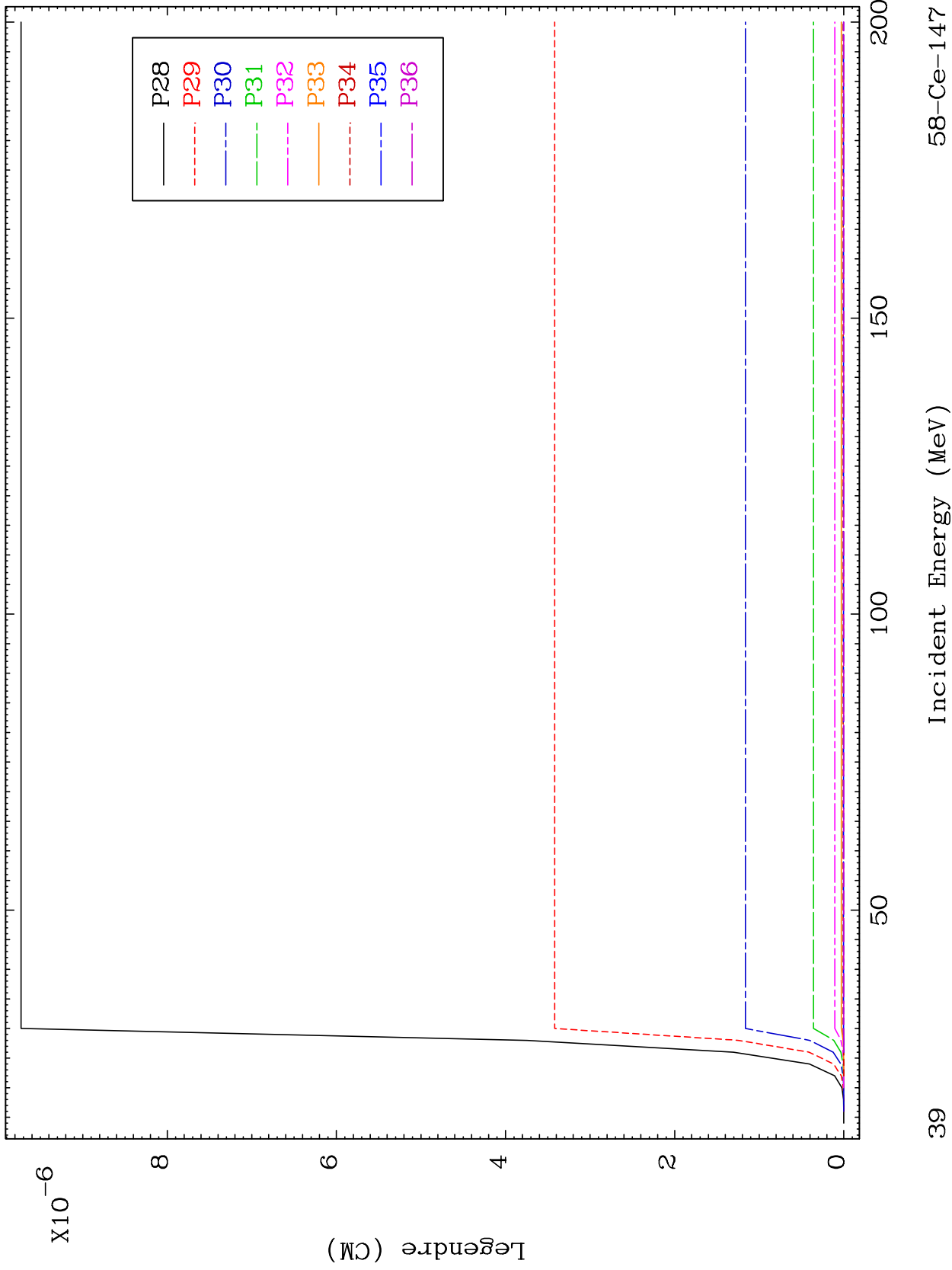
Incident Energy (MeV)

58-Ce-147

MAT 5858

332.7 keV (n,n') Level
Legendre Coefficients

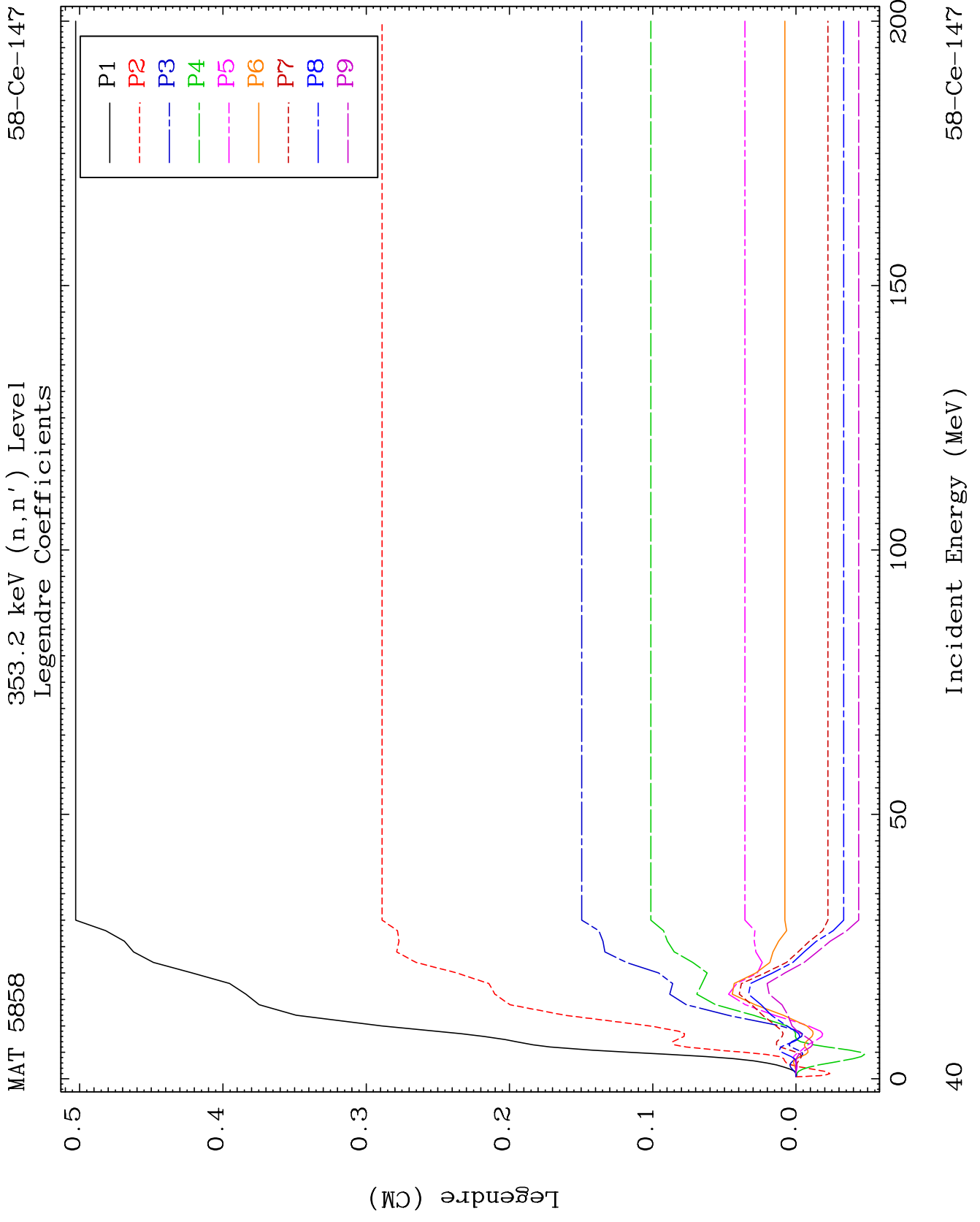
58-Ce-147



39

Incident Energy (MeV)

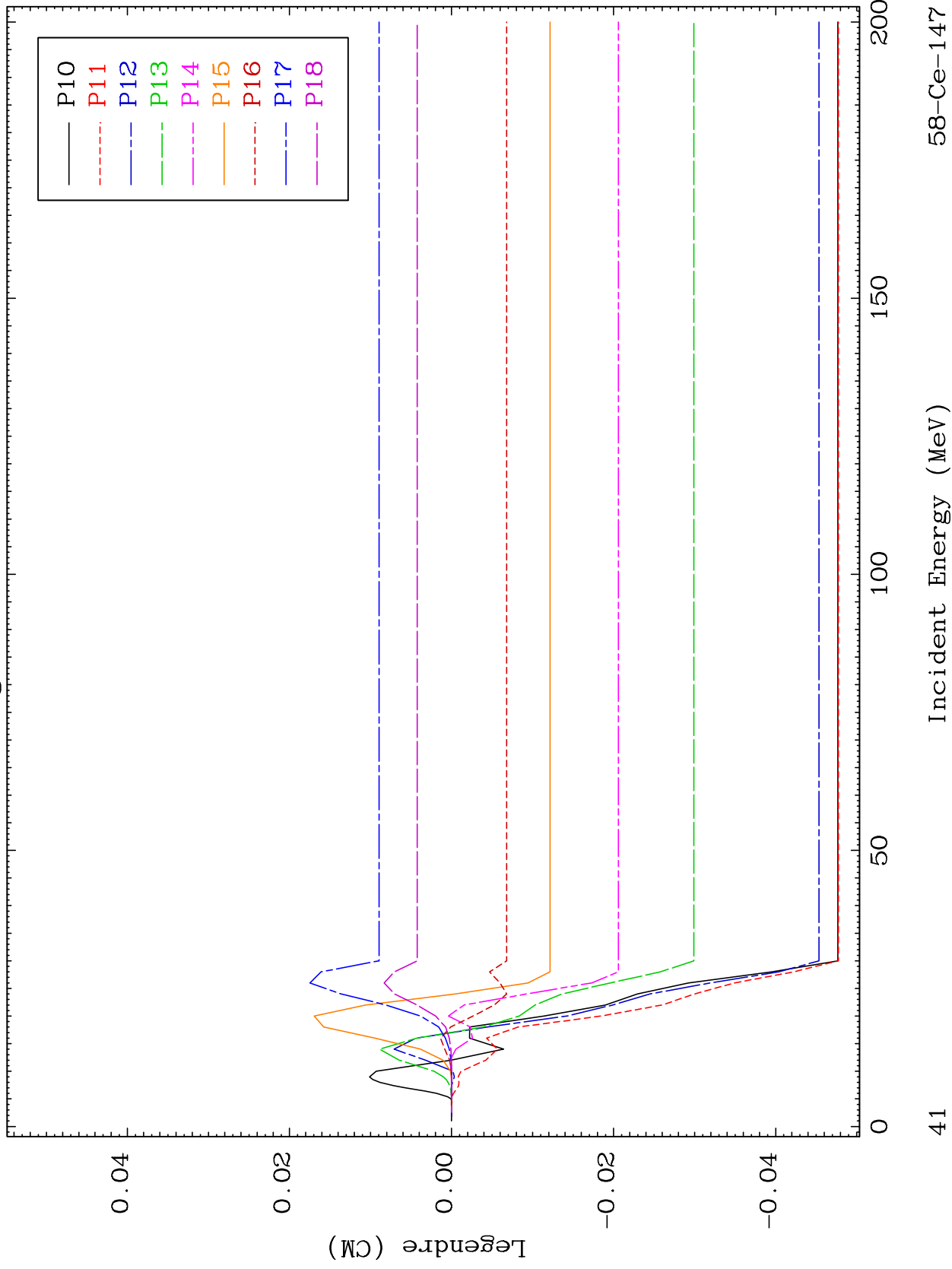
58-Ce-147



MAT 5858

353.2 keV (n,n') Level
Legendre Coefficients

58-Ce-147



41

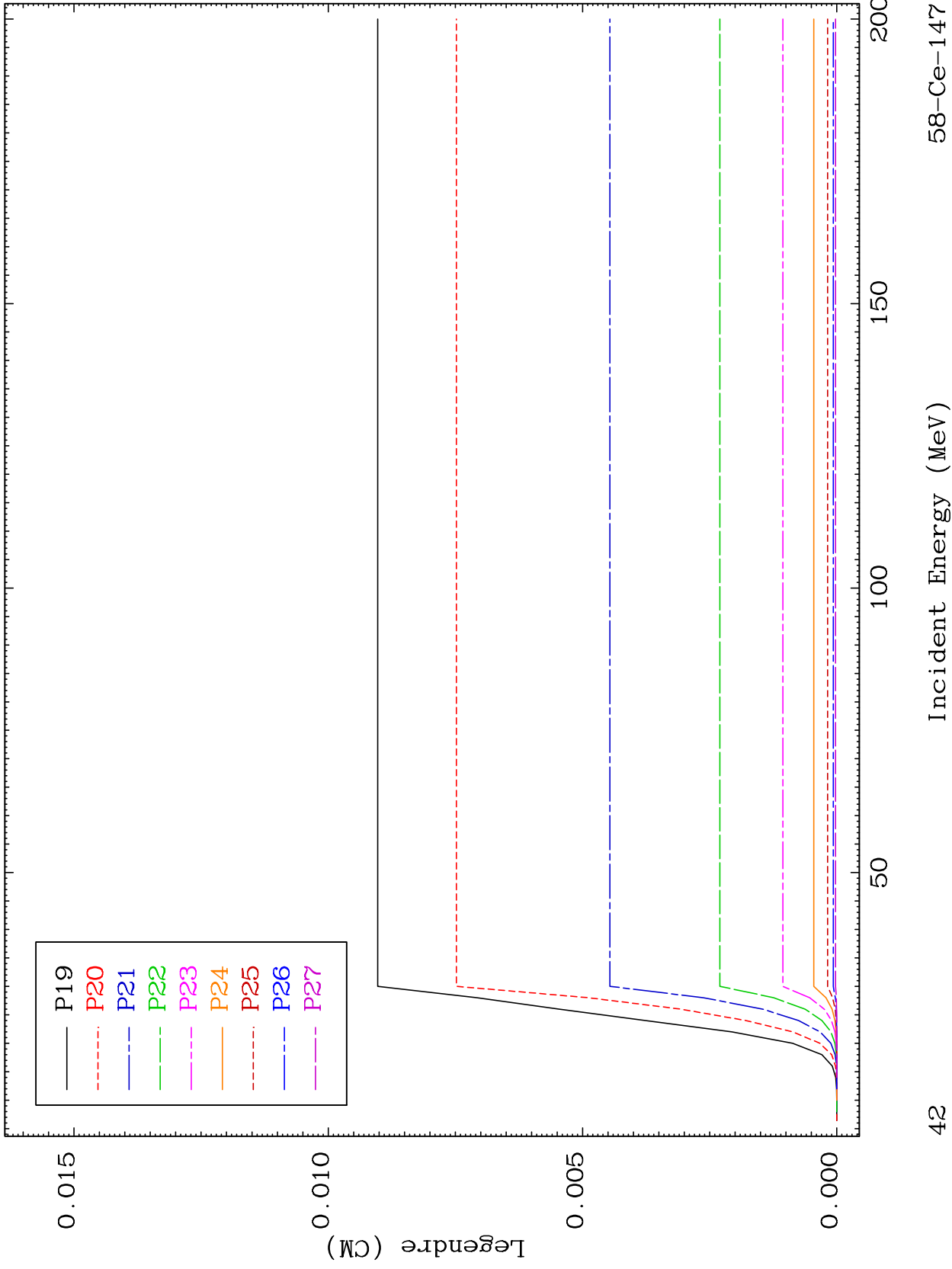
Incident Energy (MeV)

58-Ce-147

MAT 5858

353.2 keV (n,n') Level
Legendre Coefficients

58-Ce-147



42

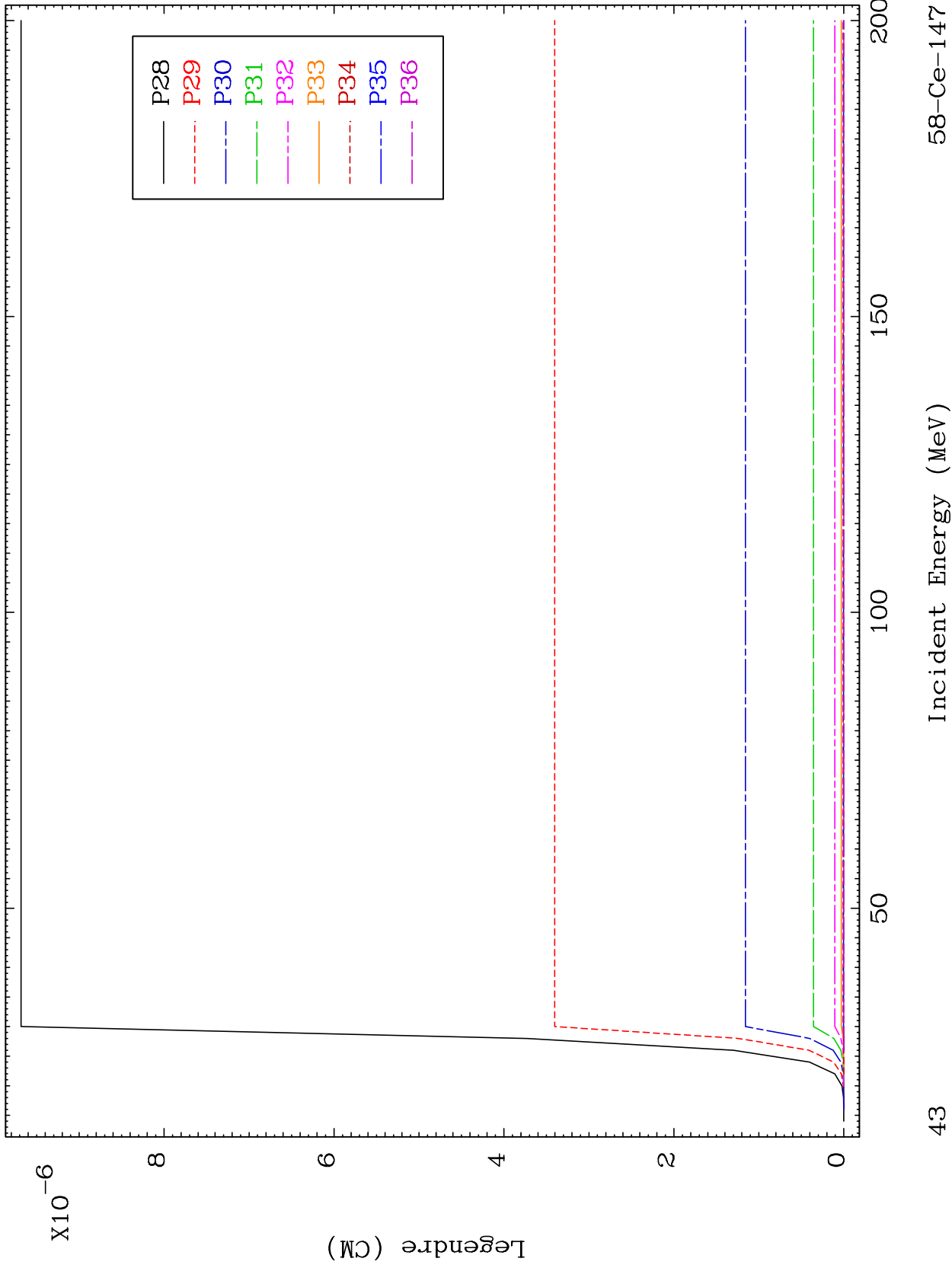
Incident Energy (MeV)

58-Ce-147

MAT 5858

353.2 keV (n,n') Level
Legendre Coefficients

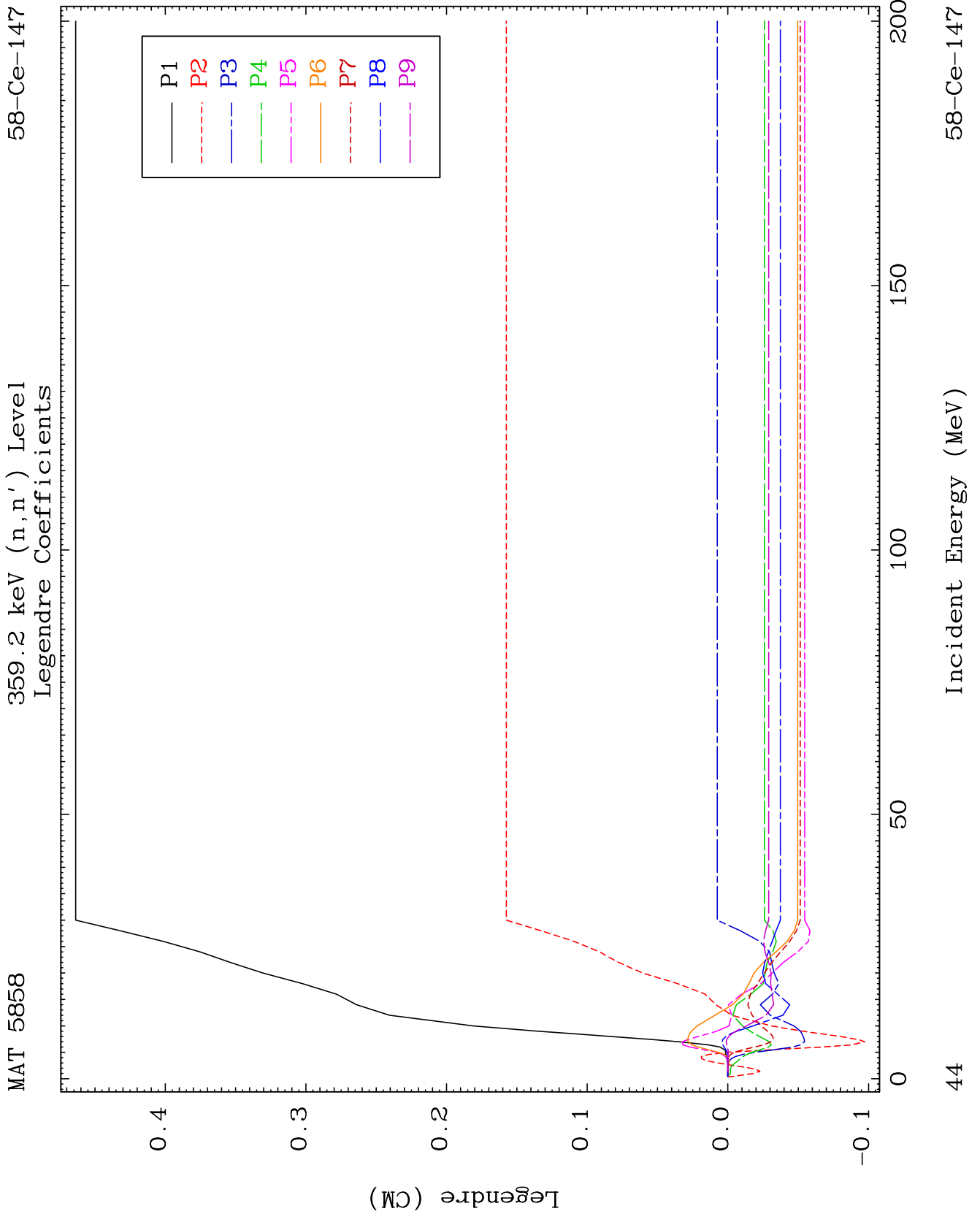
58-Ce-147

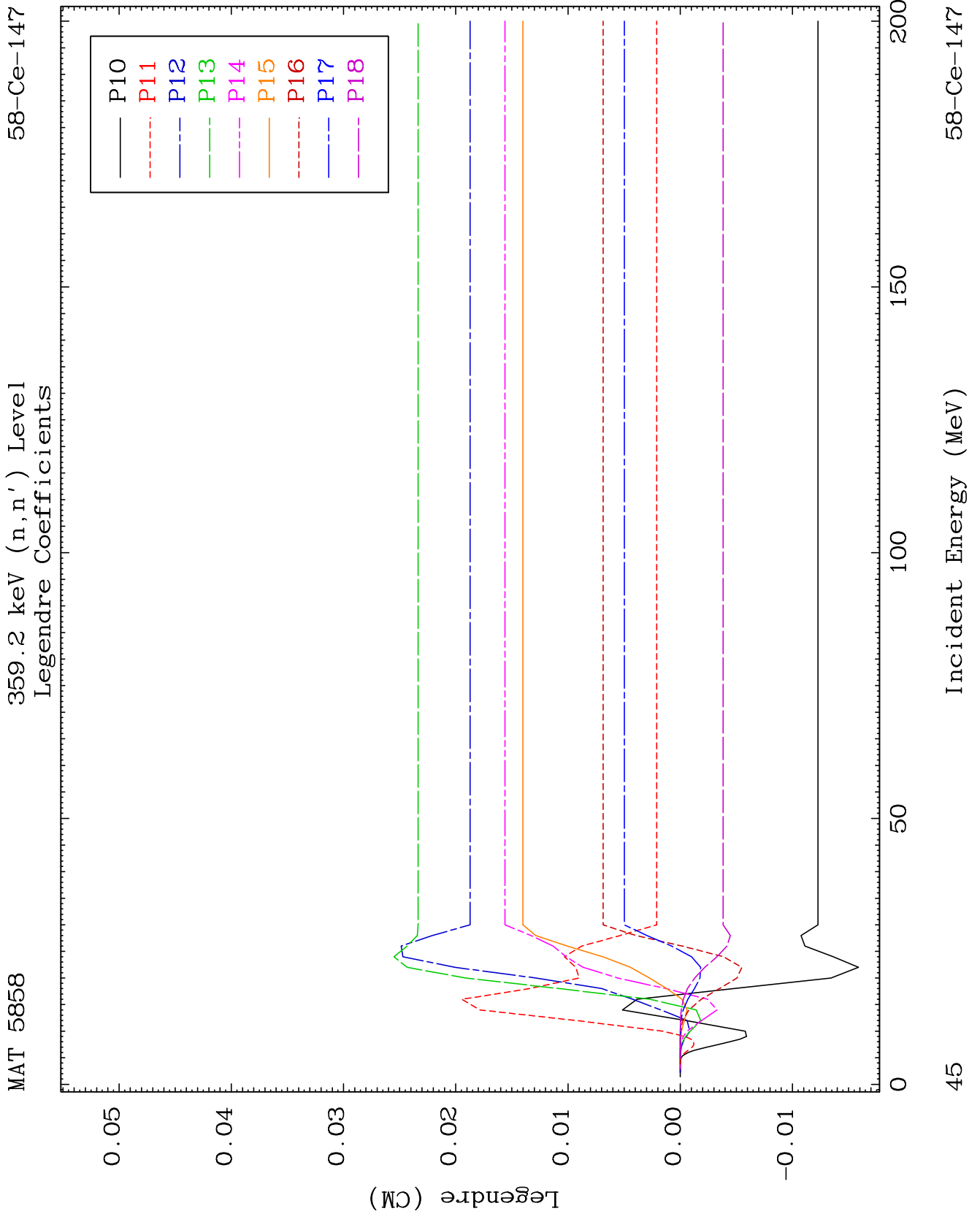


43

Incident Energy (MeV)

58-Ce-147

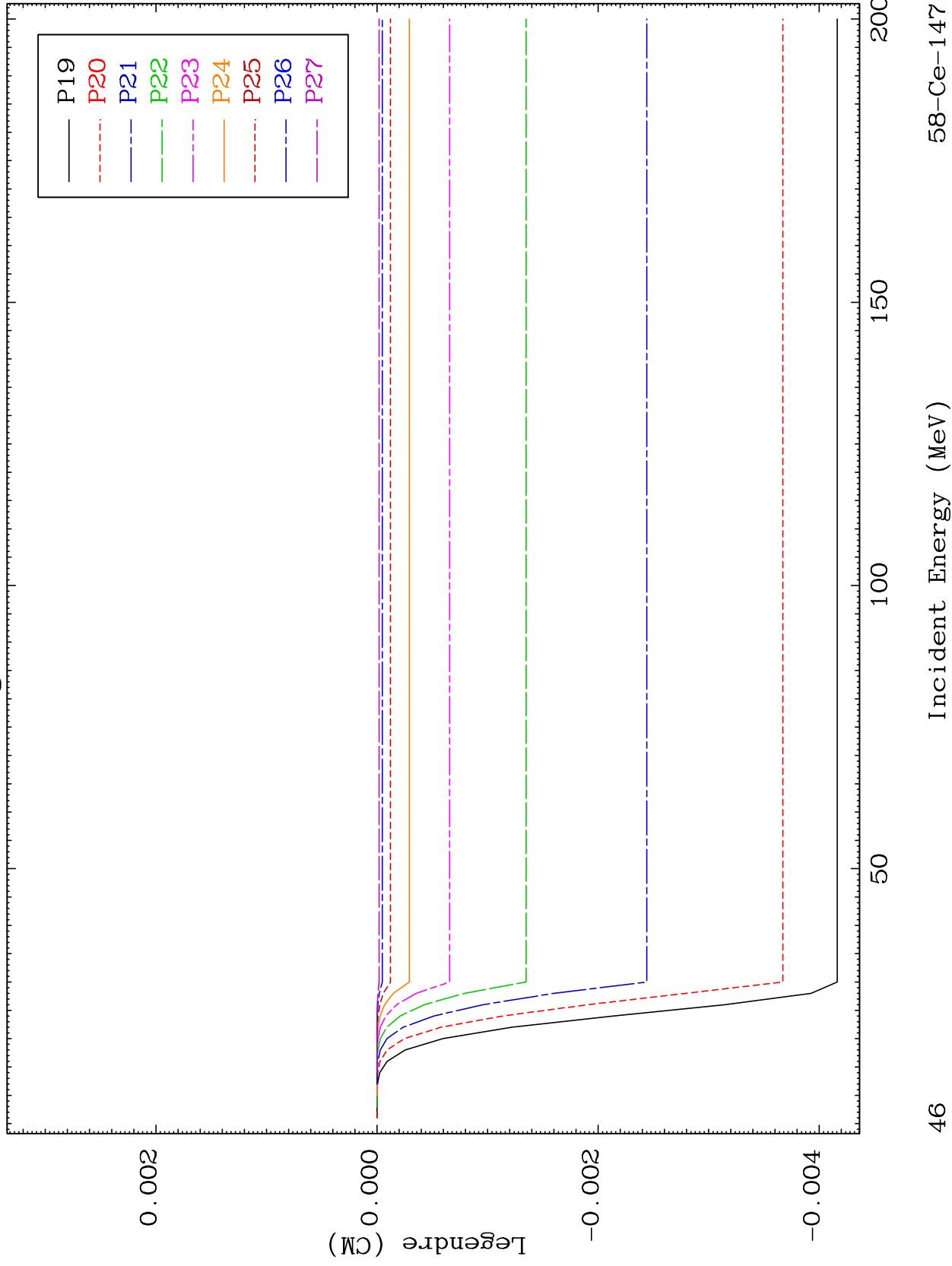


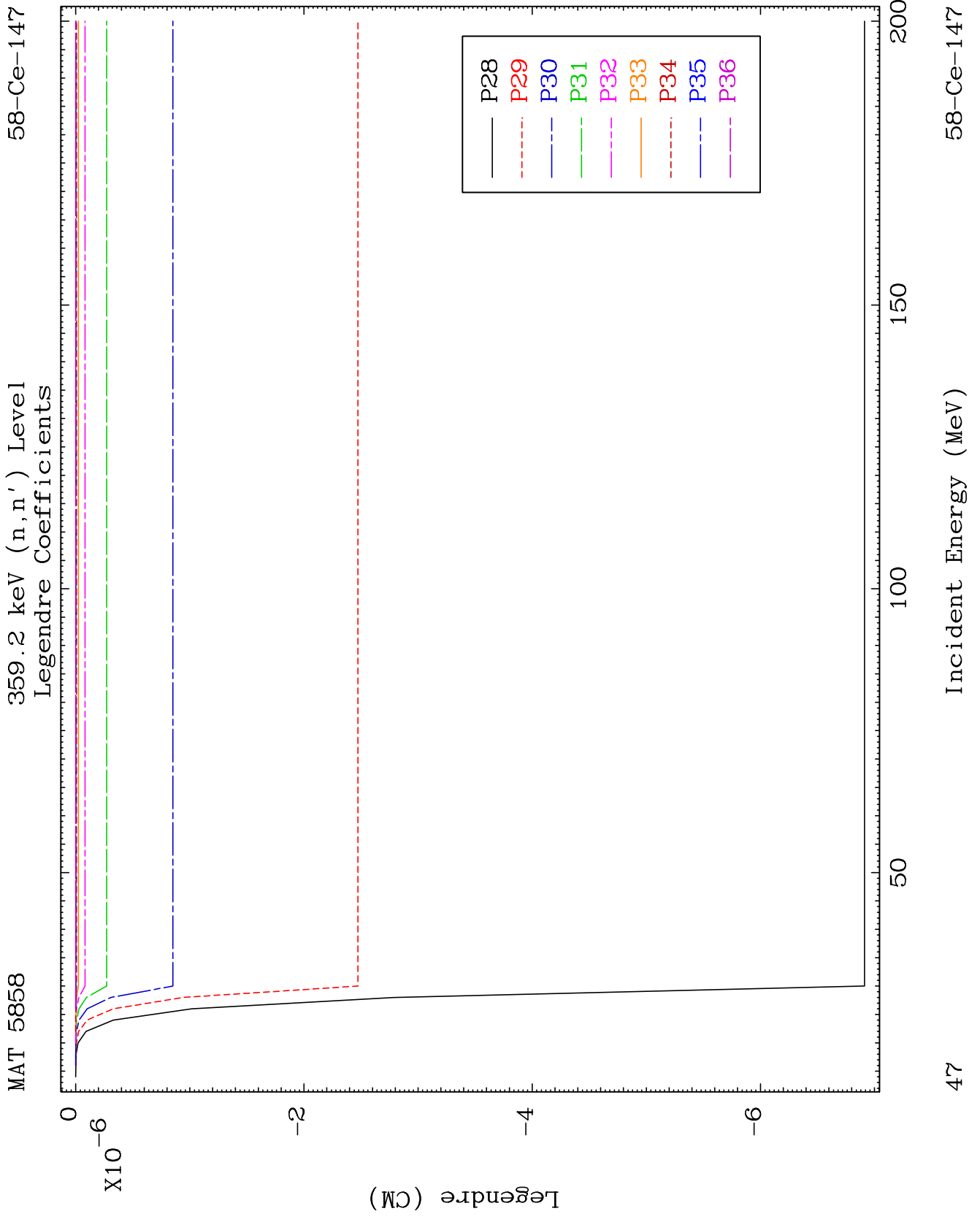


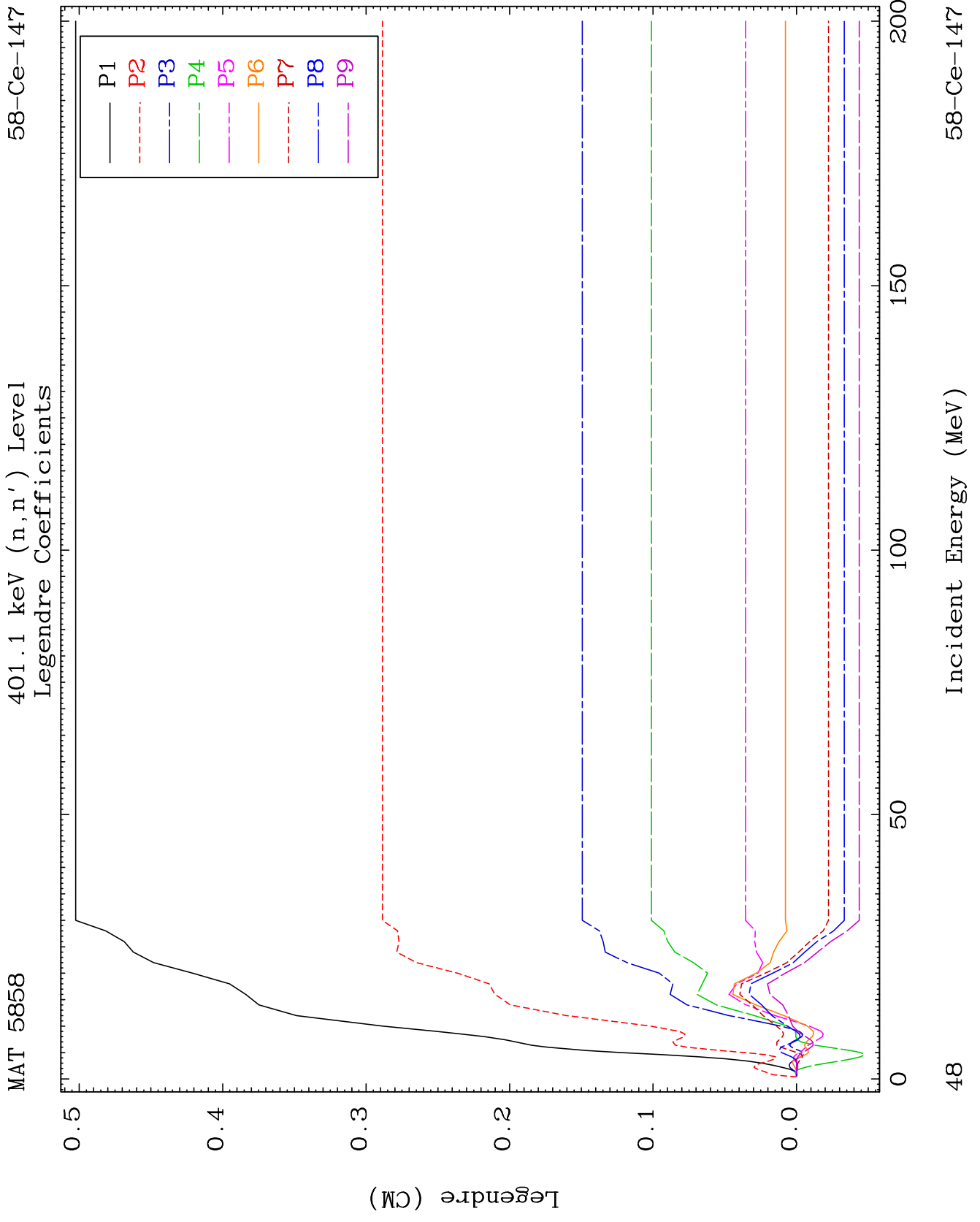
MAT 5858

359.2 keV (n,n') Level
Legendre Coefficients

58-Ce-147



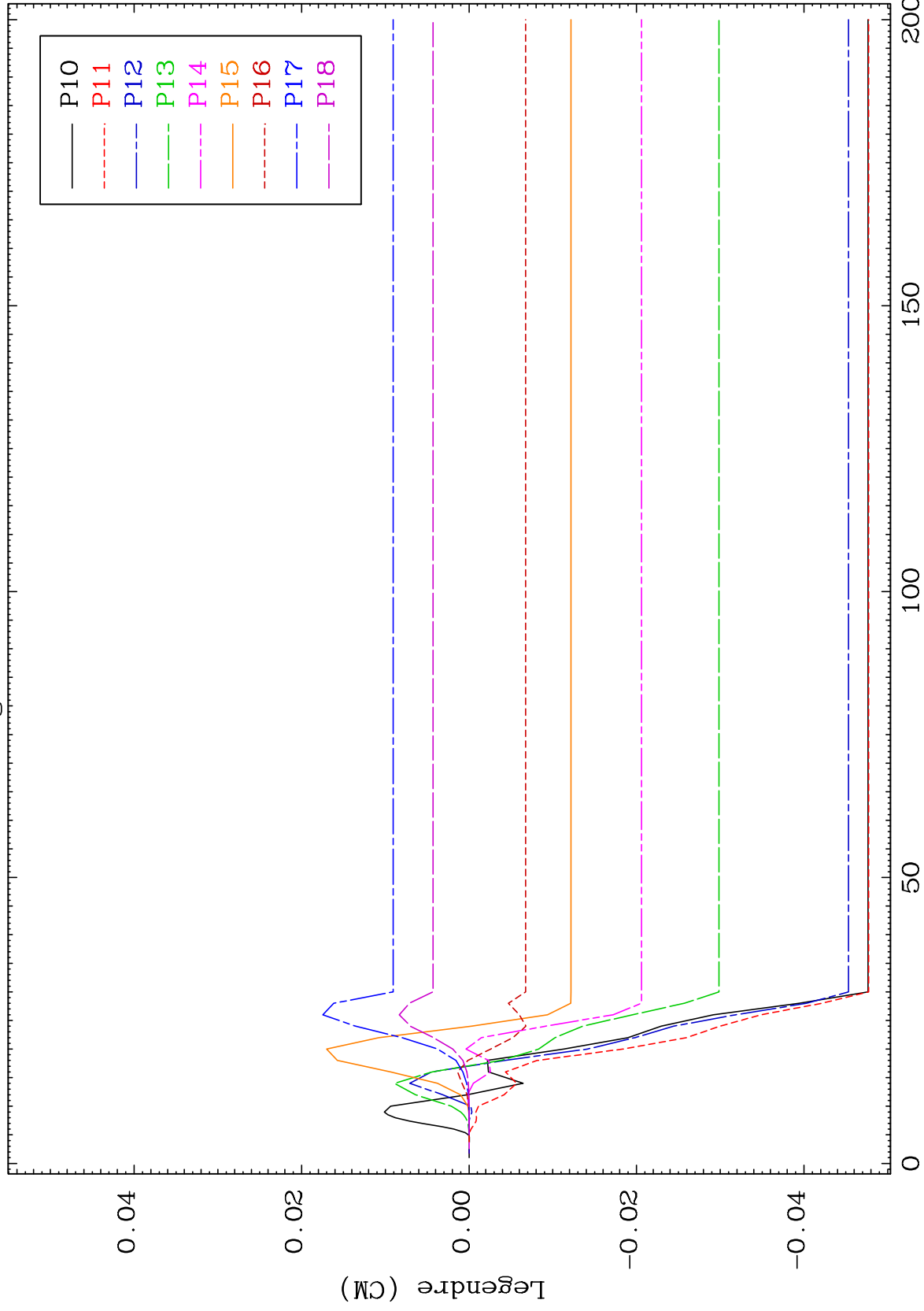




MAT 5858

401.1 keV (n,n') Level
Legendre Coefficients

58-Ce-147



49

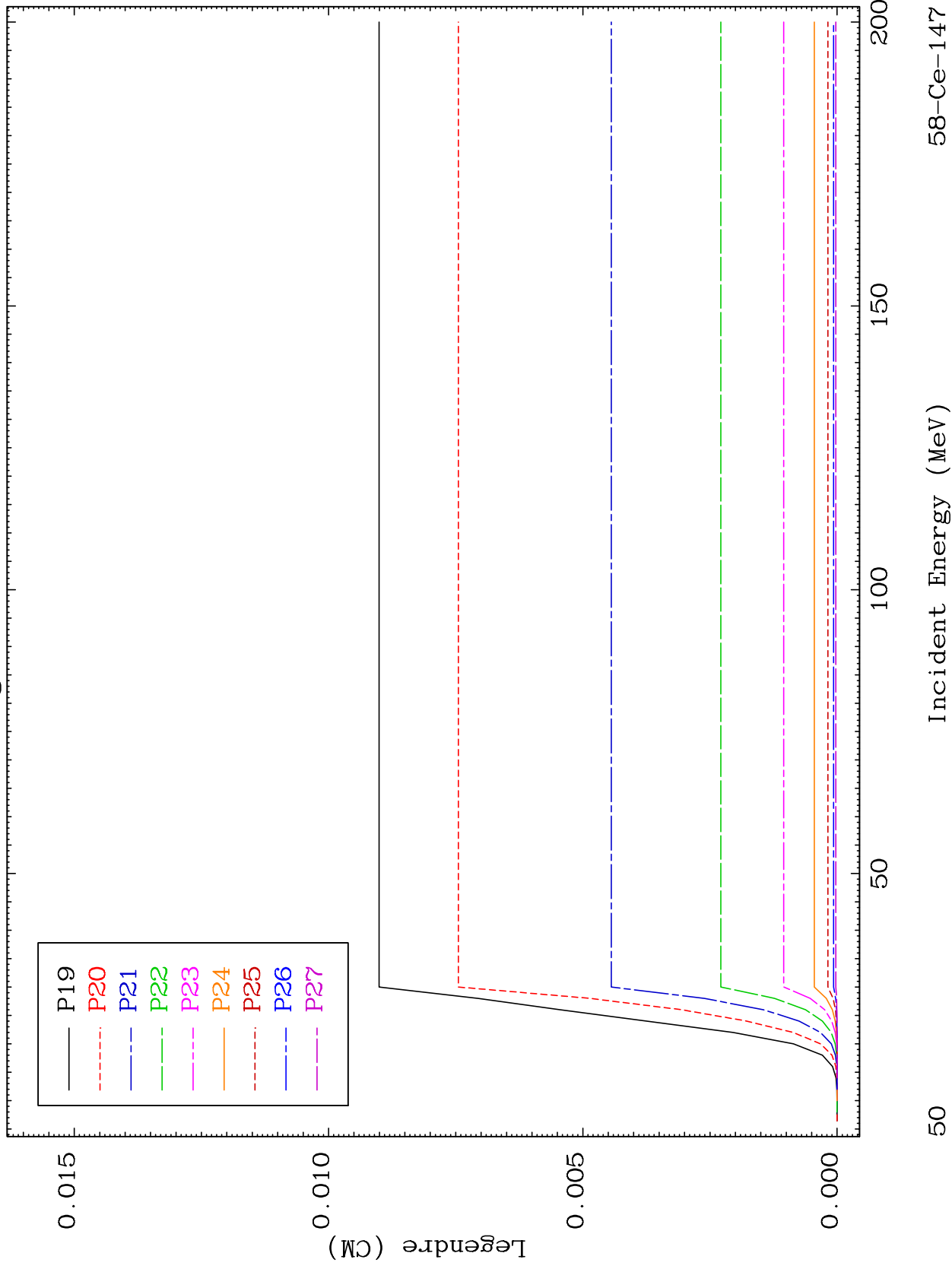
Incident Energy (MeV)

58-Ce-147

MAT 5858

401.1 keV (n,n') Level
Legendre Coefficients

58-Ce-147



58-Ce-147

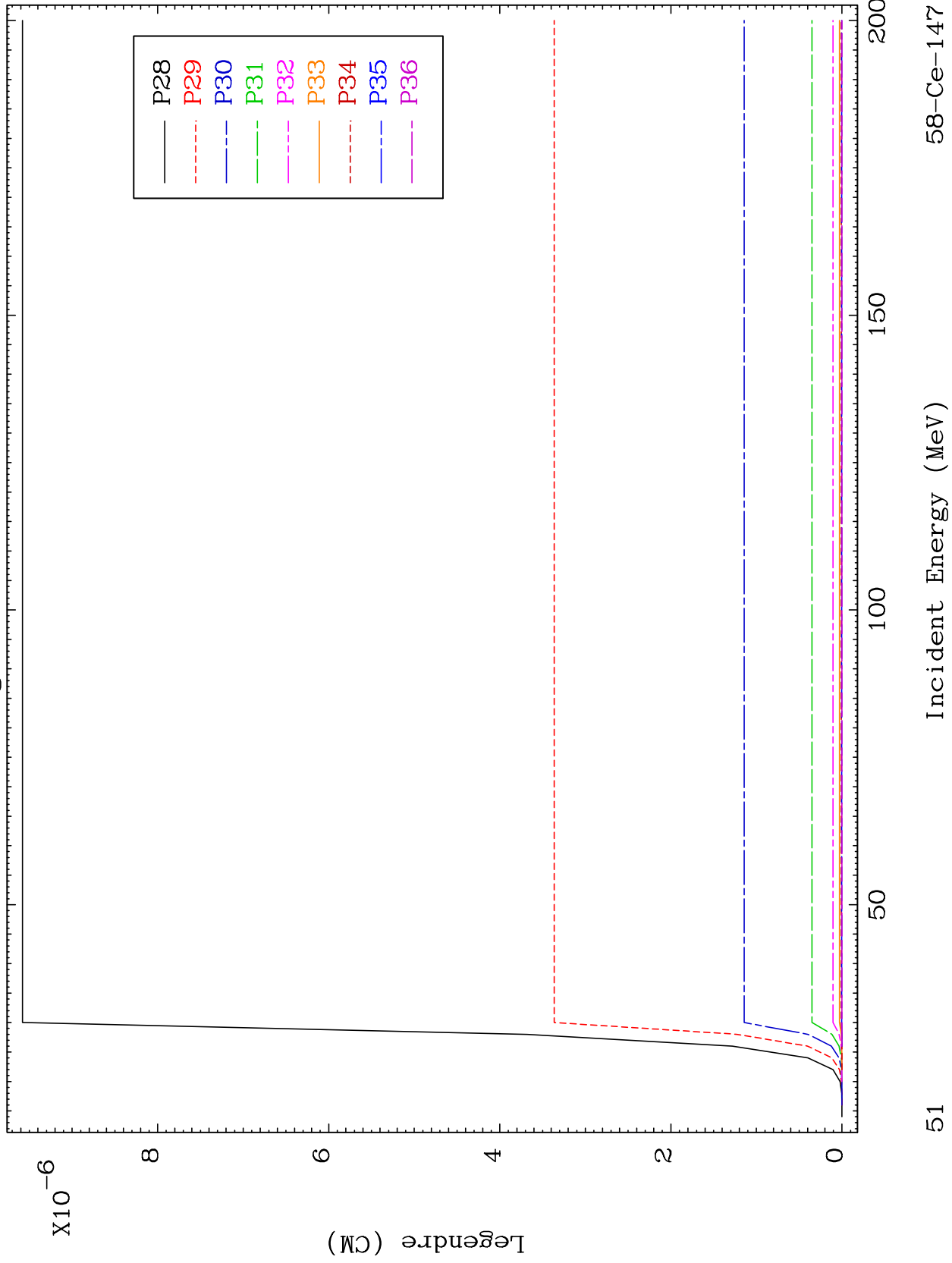
Incident Energy (MeV)

50

MAT 5858

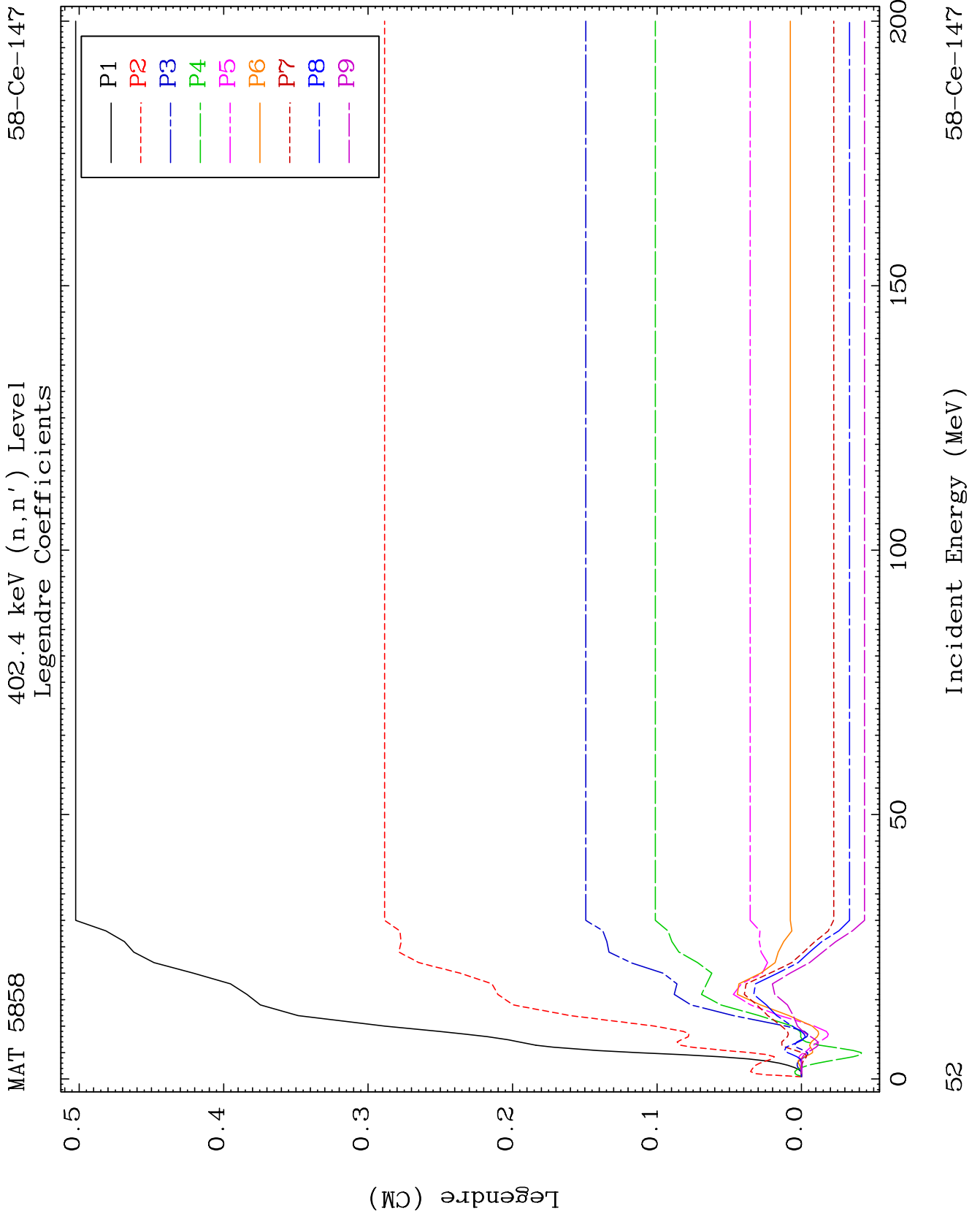
401.1 keV (n,n') Level
Legendre Coefficients

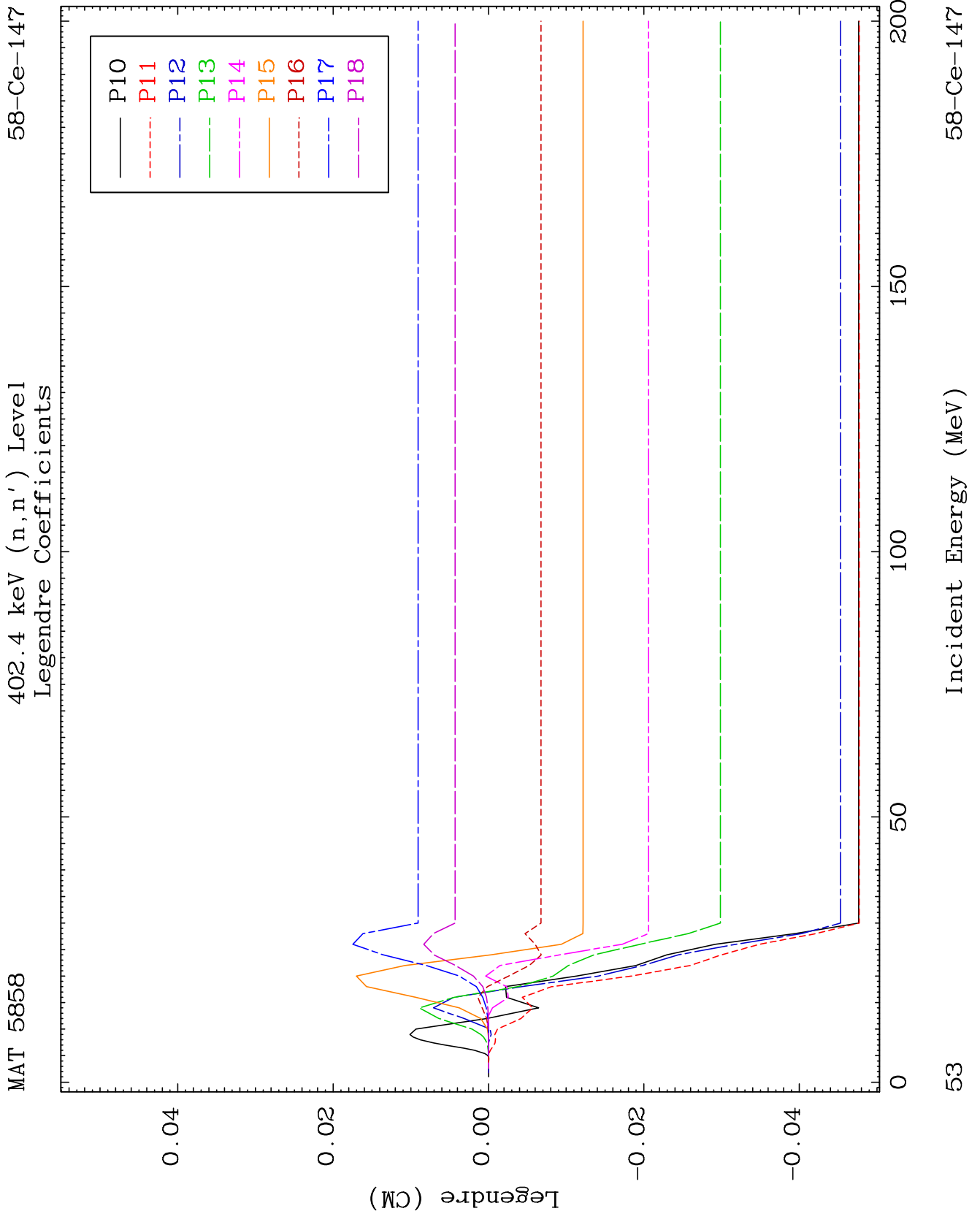
58-Ce-147



51

58-Ce-147

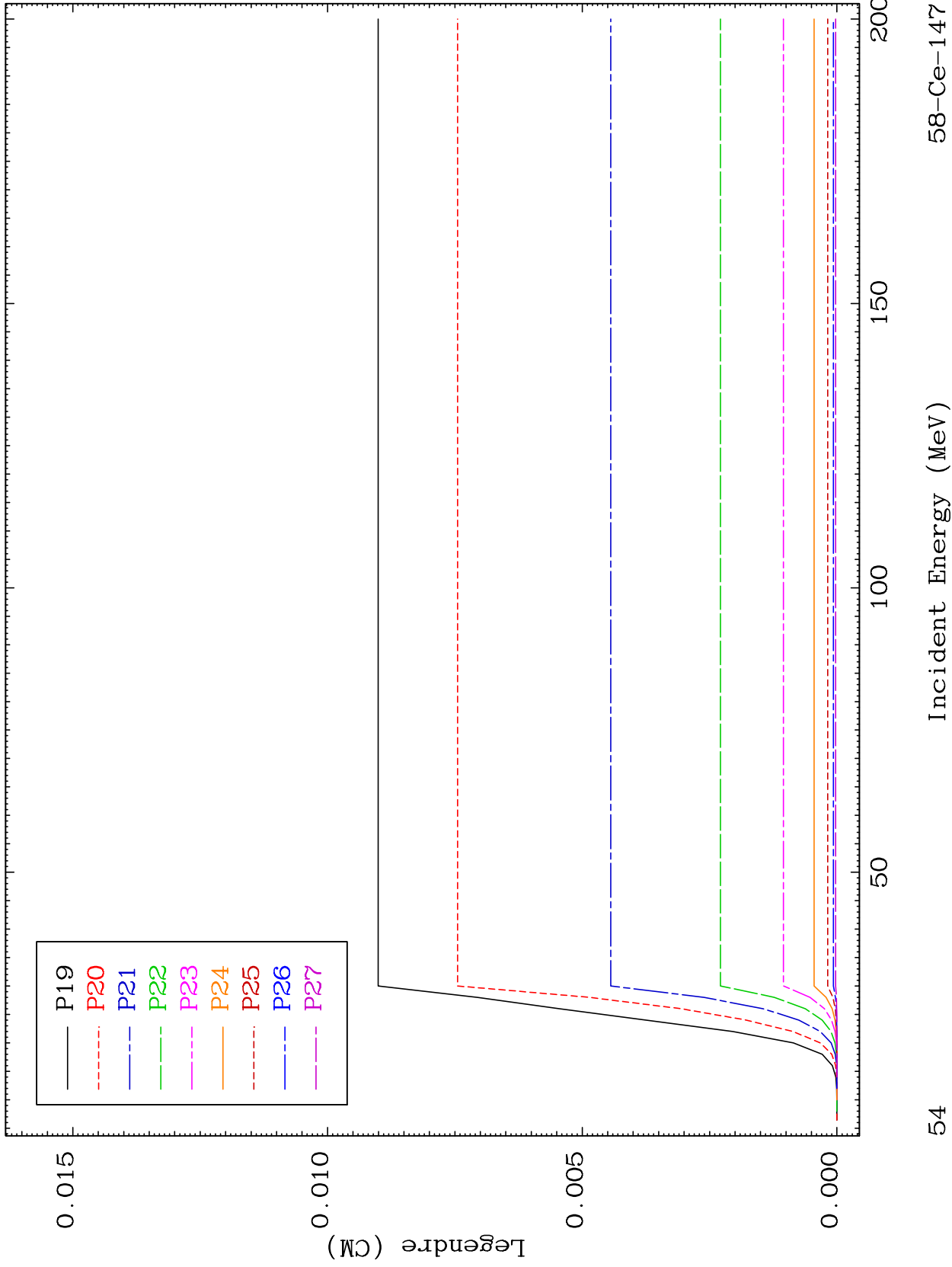




MAT 5858

402.4 keV (n,n') Level
Legendre Coefficients

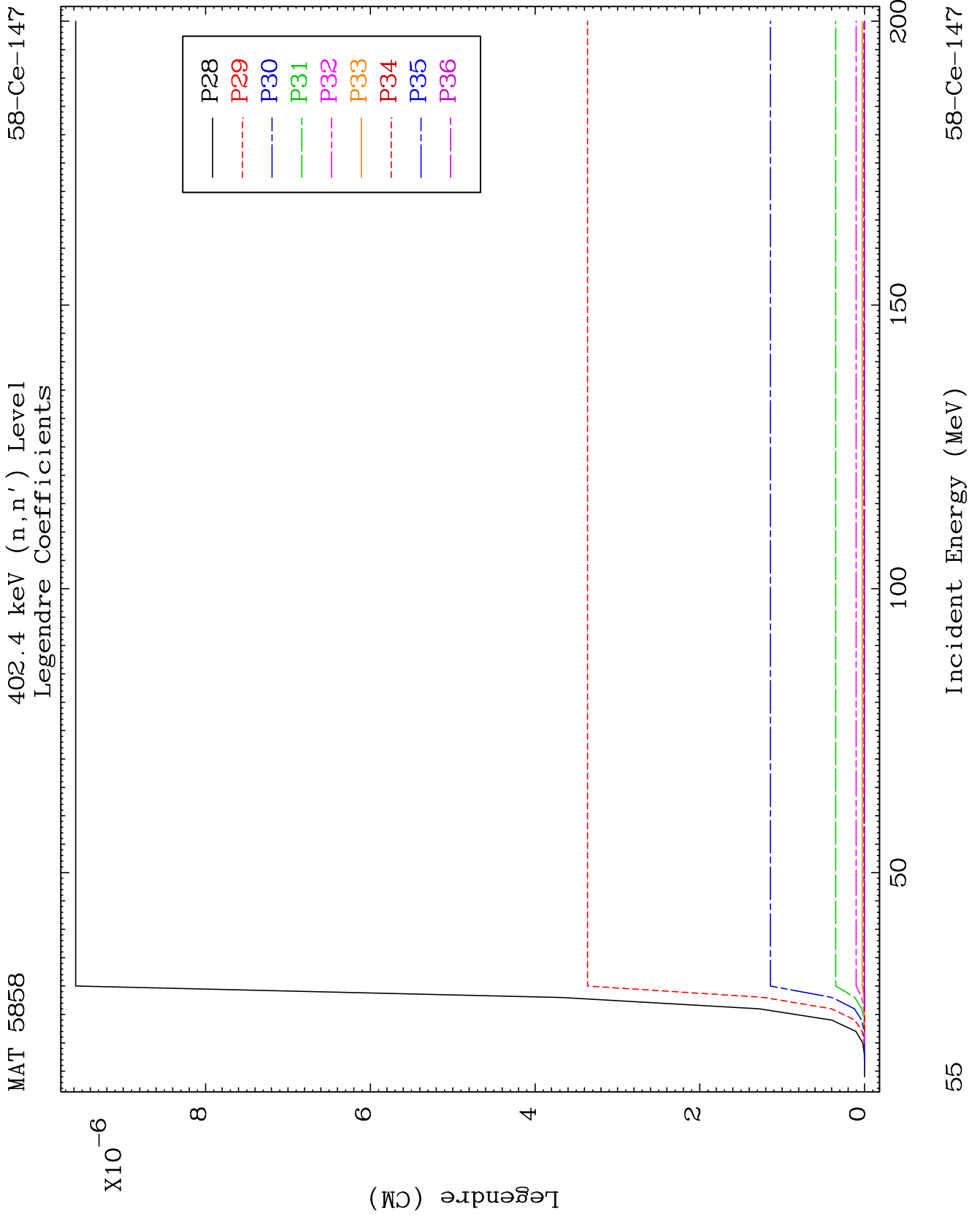
58-Ce-147

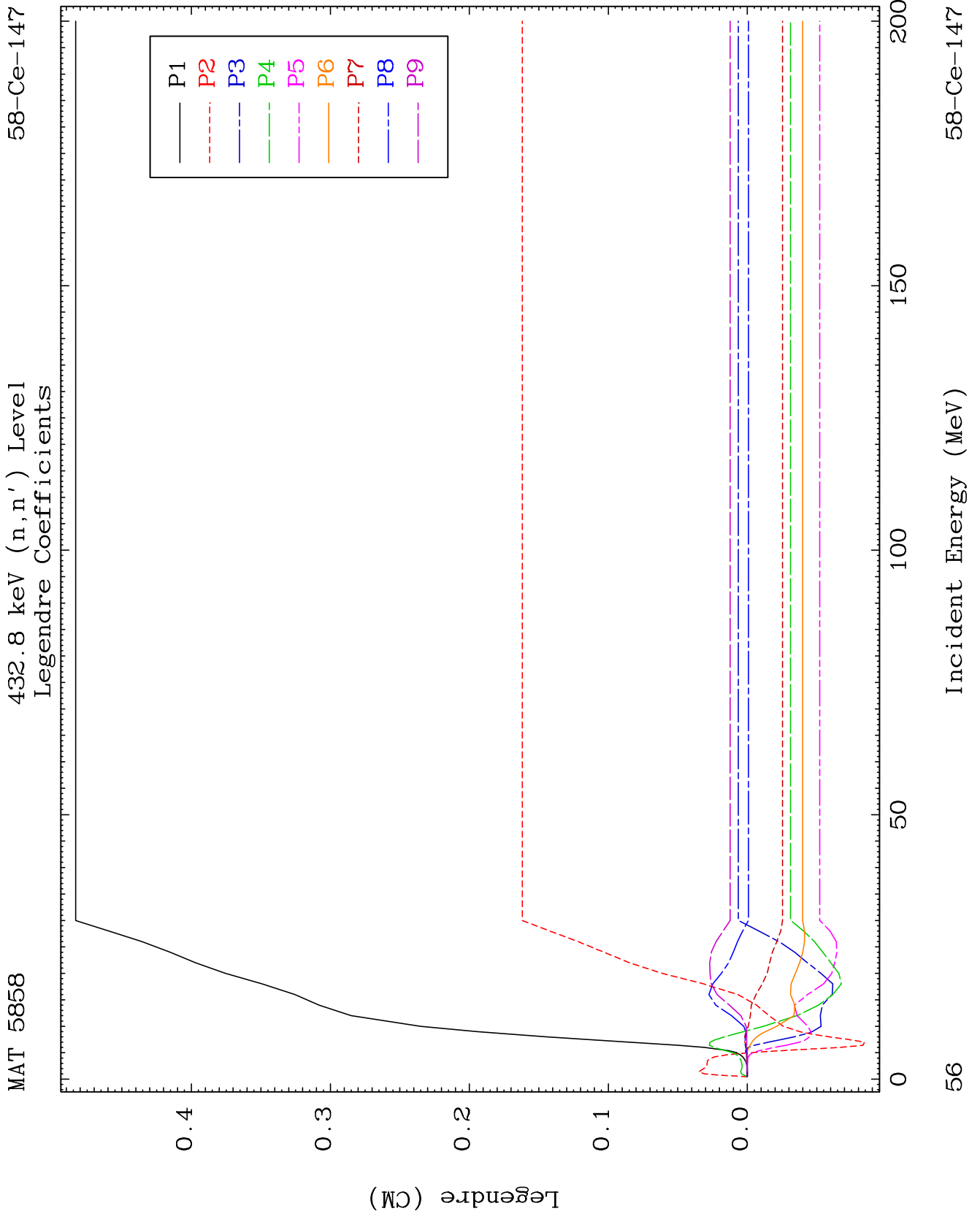


54

Incident Energy (MeV)

58-Ce-147

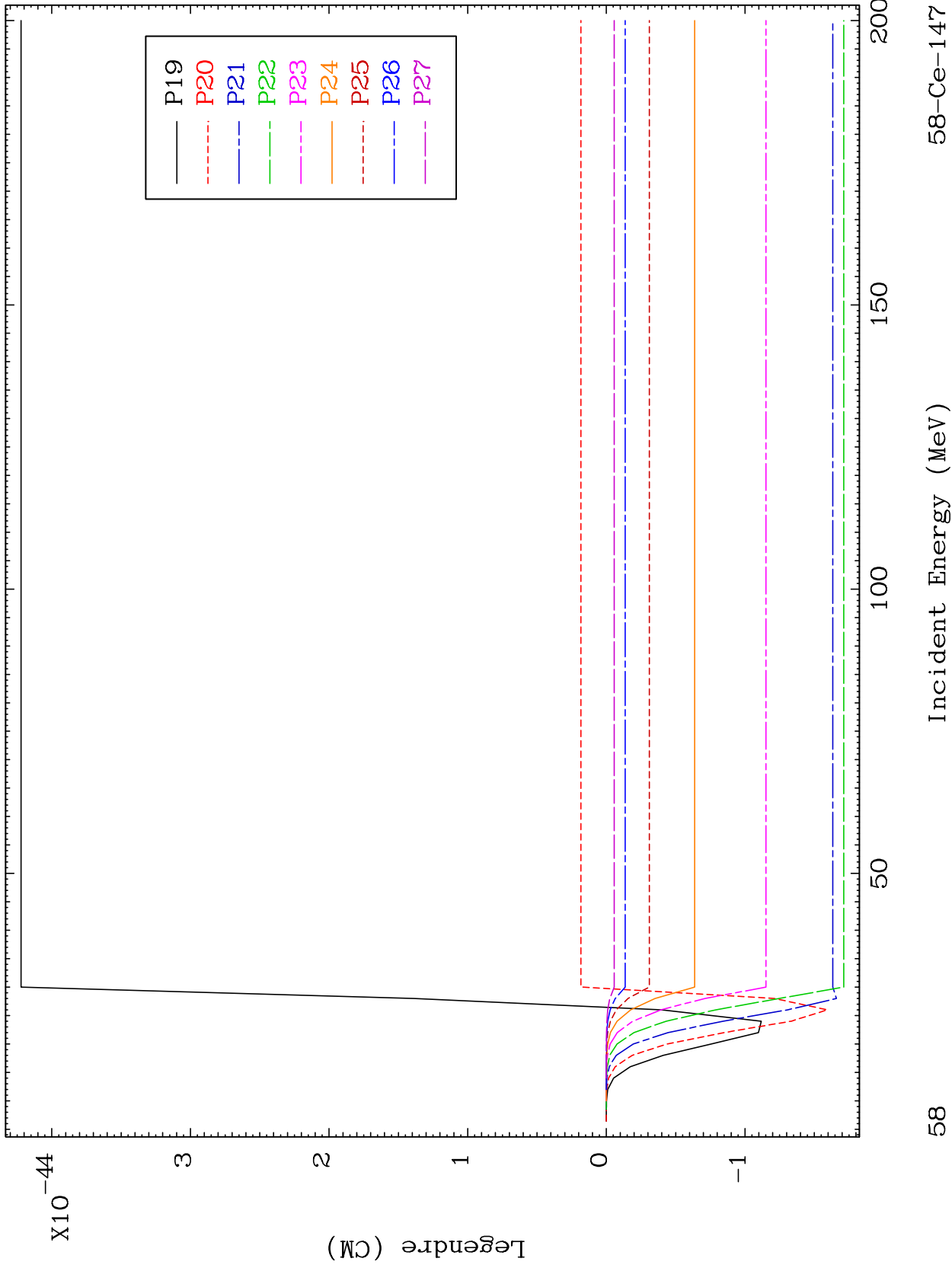




MAT 5858

432.8 keV (n,n') Level
Legendre Coefficients

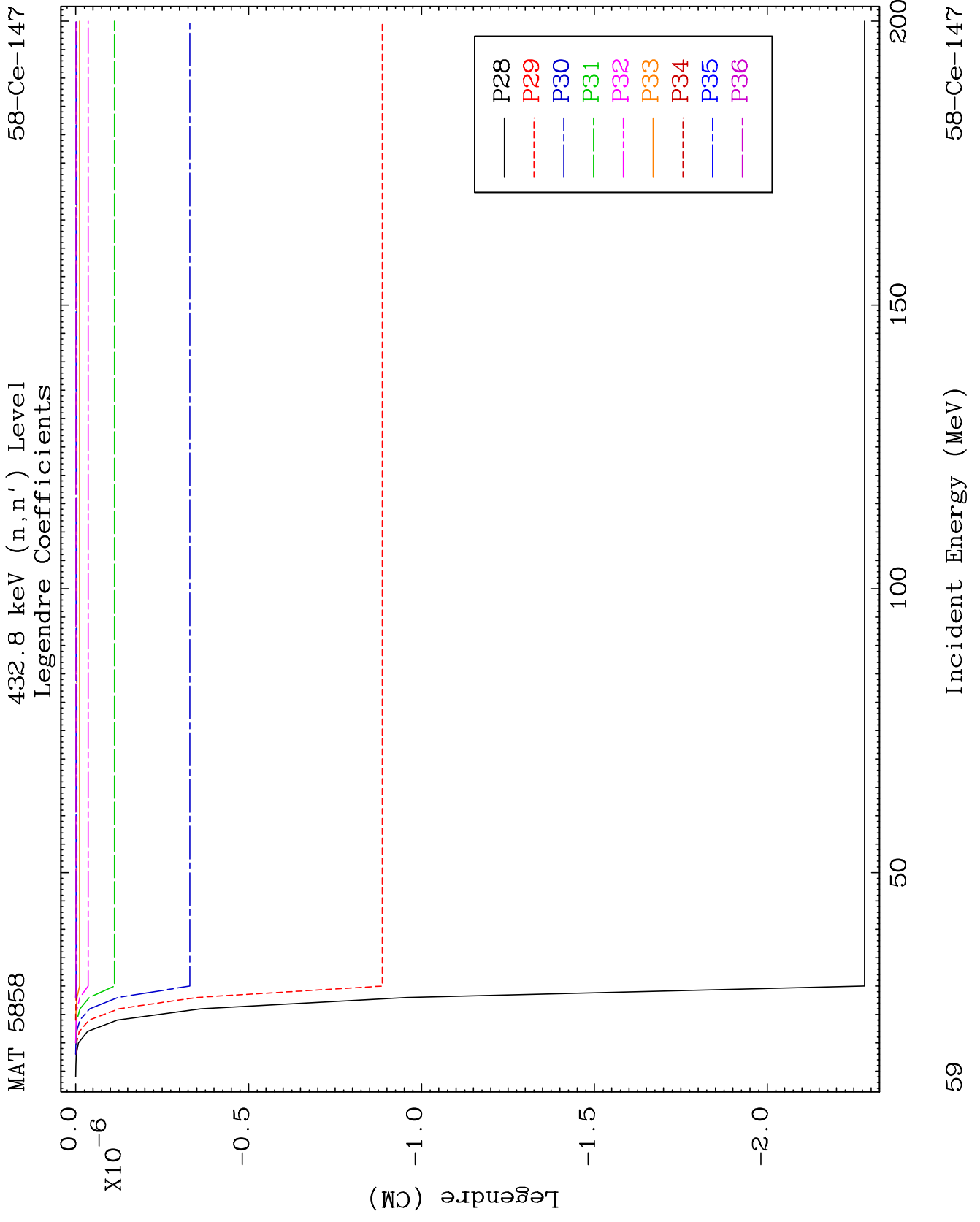
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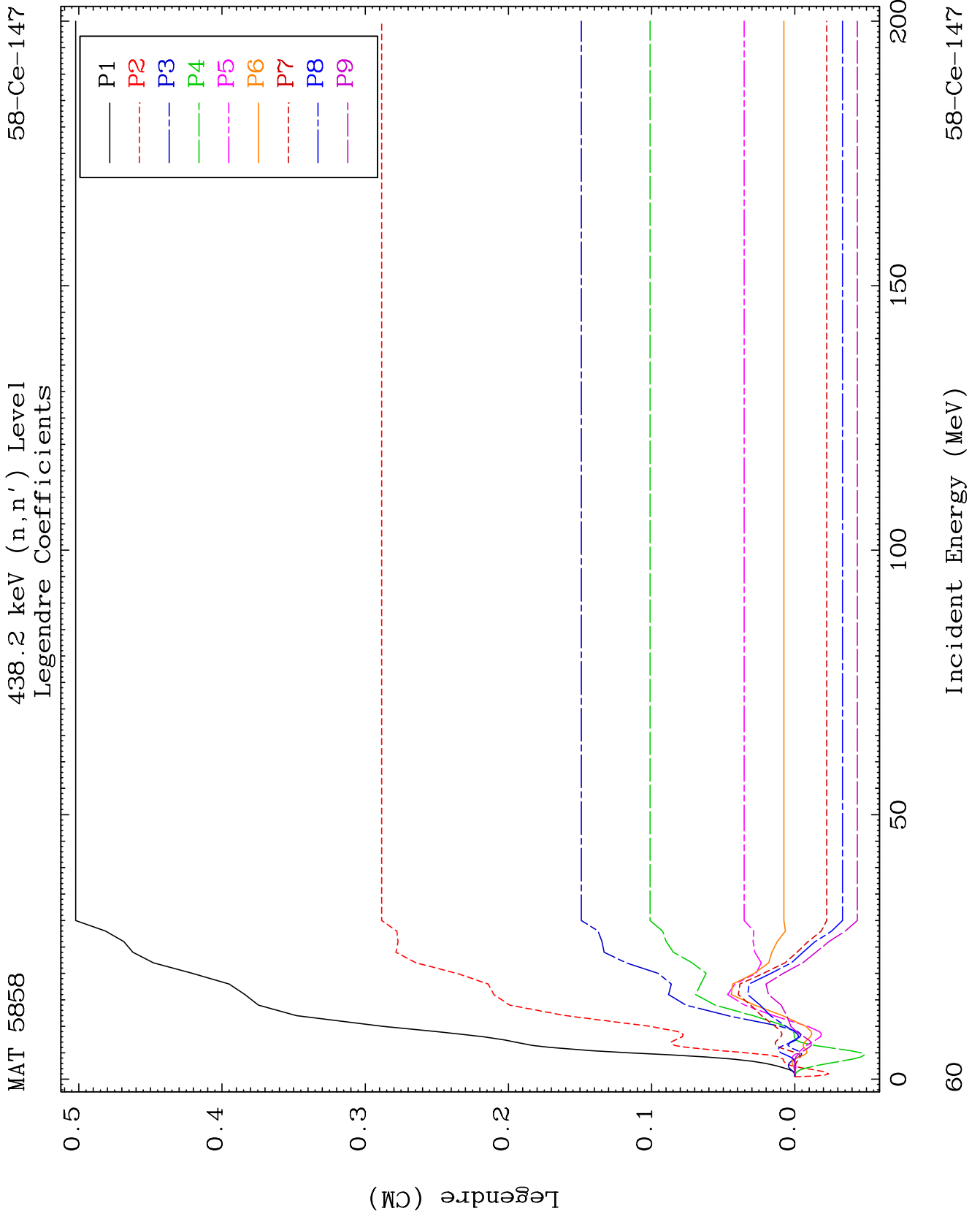


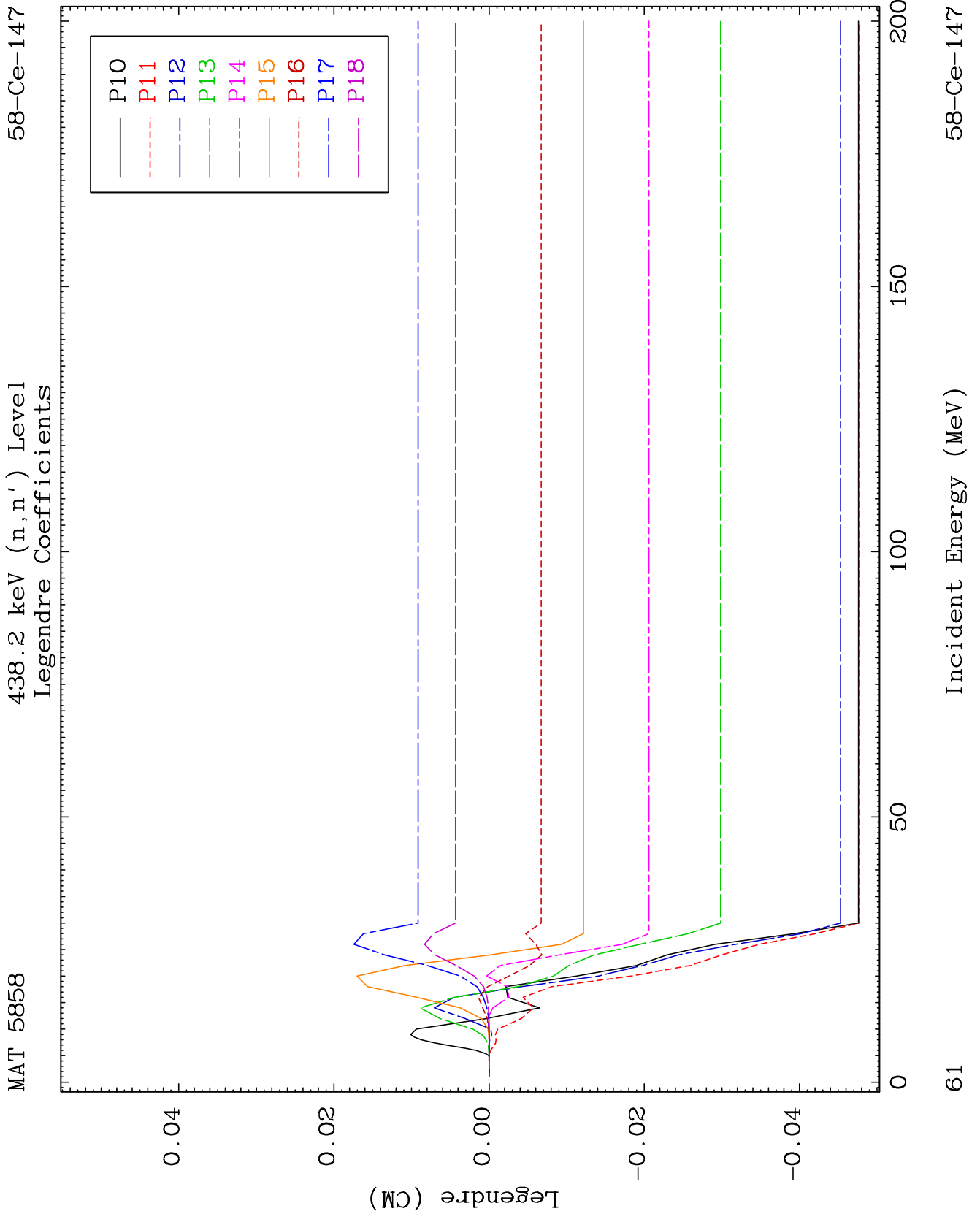
58

Incident Energy (MeV)

58-Ce-147



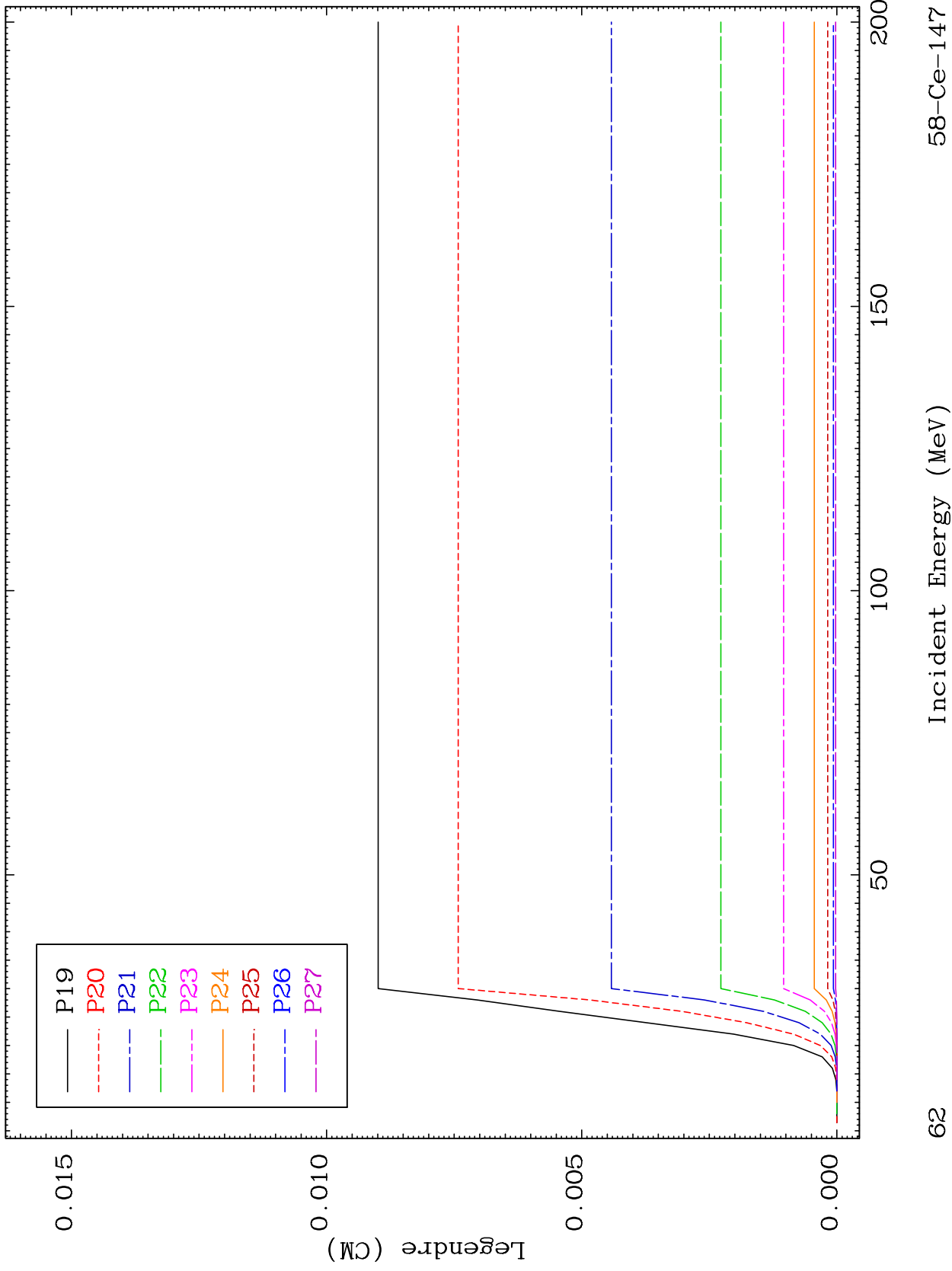




MAT 5858

438.2 keV (n,n') Level
Legendre Coefficients

58-Ce-147



62

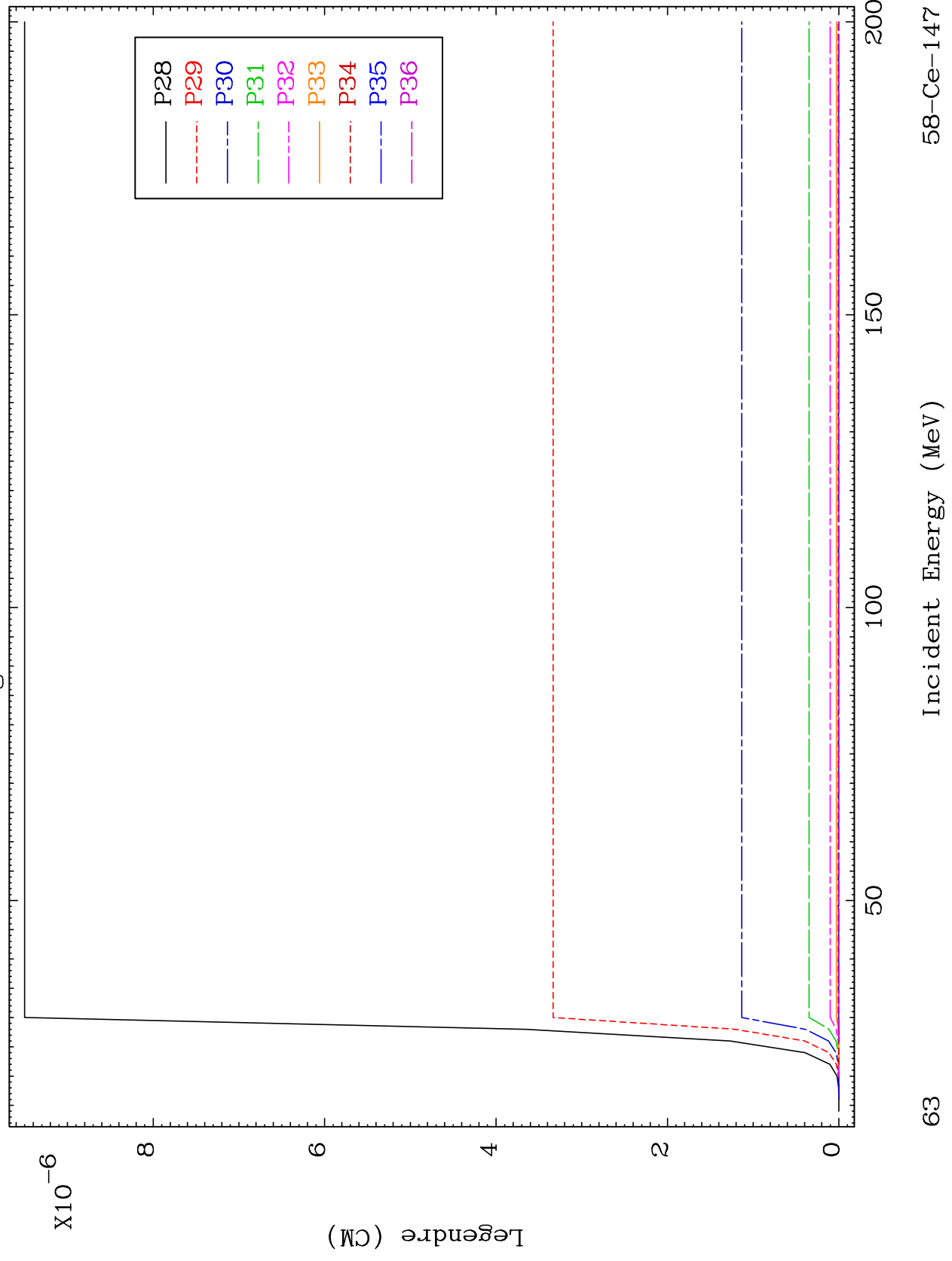
Incident Energy (MeV)

58-Ce-147

MAT 5858

438.2 keV (n,n') Level
Legendre Coefficients

58-Ce-147



63

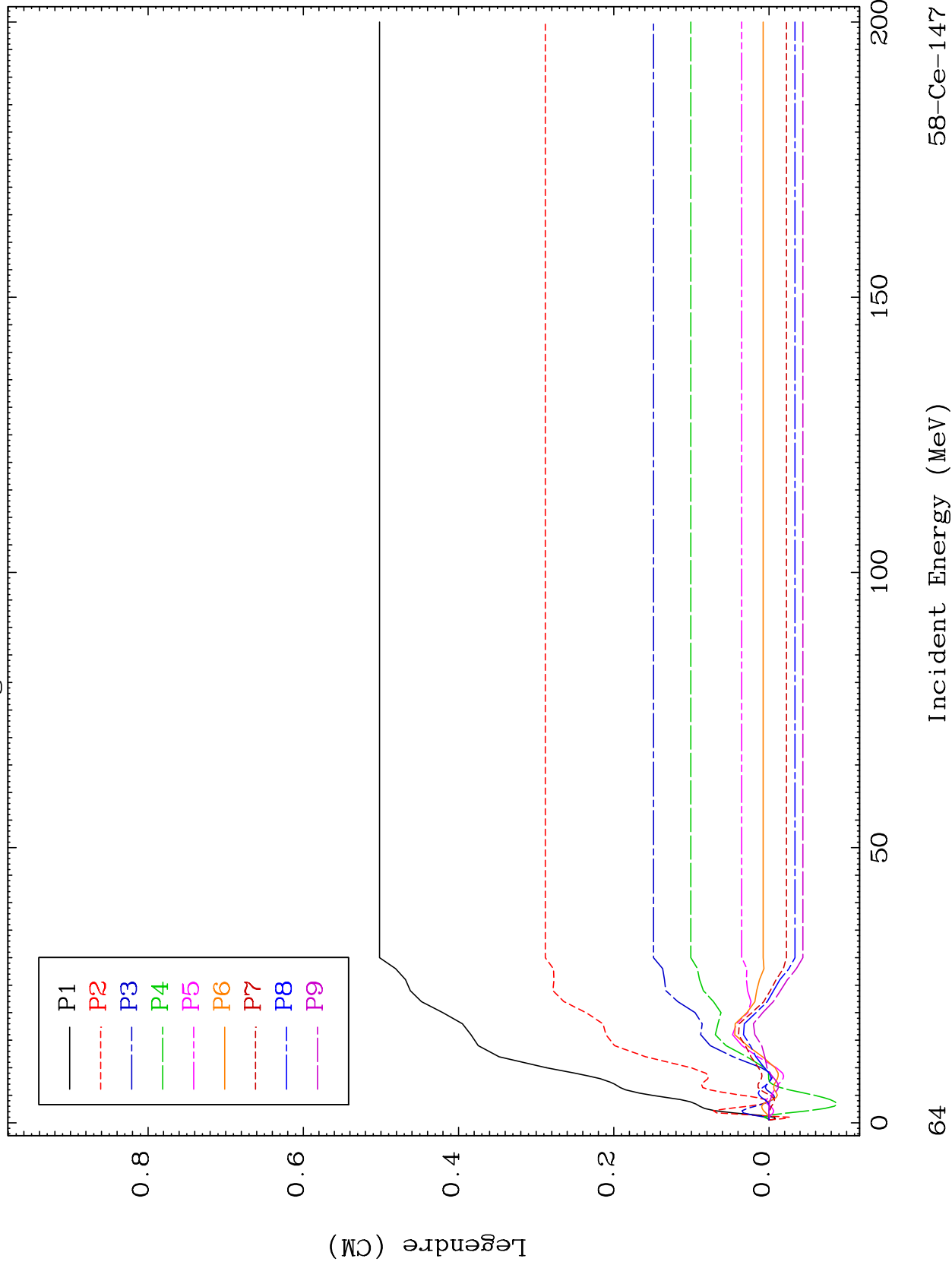
Incident Energy (MeV)

58-Ce-147

MAT 5858

483.6 keV (n,n') Level
Legendre Coefficients

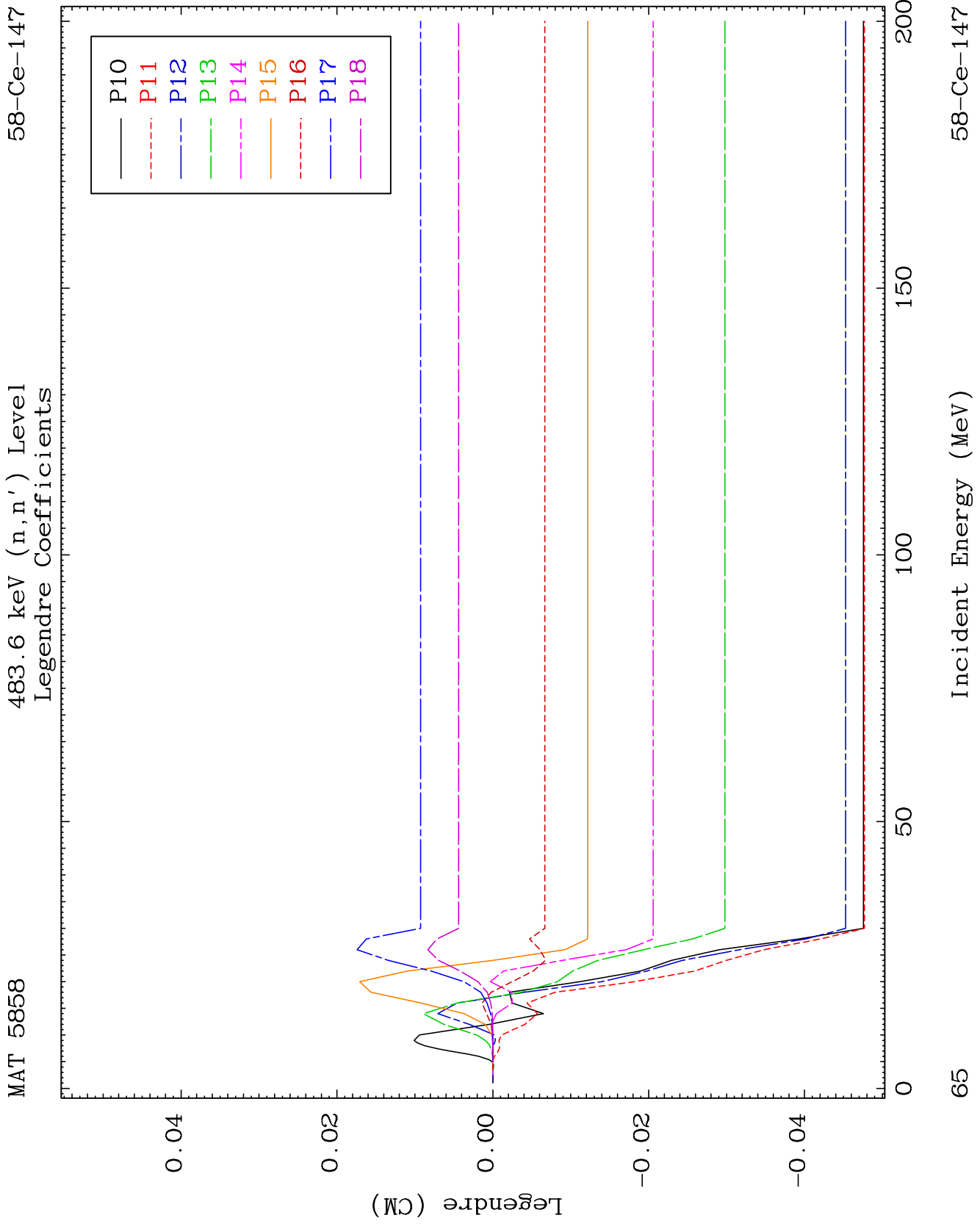
58-Ce-147

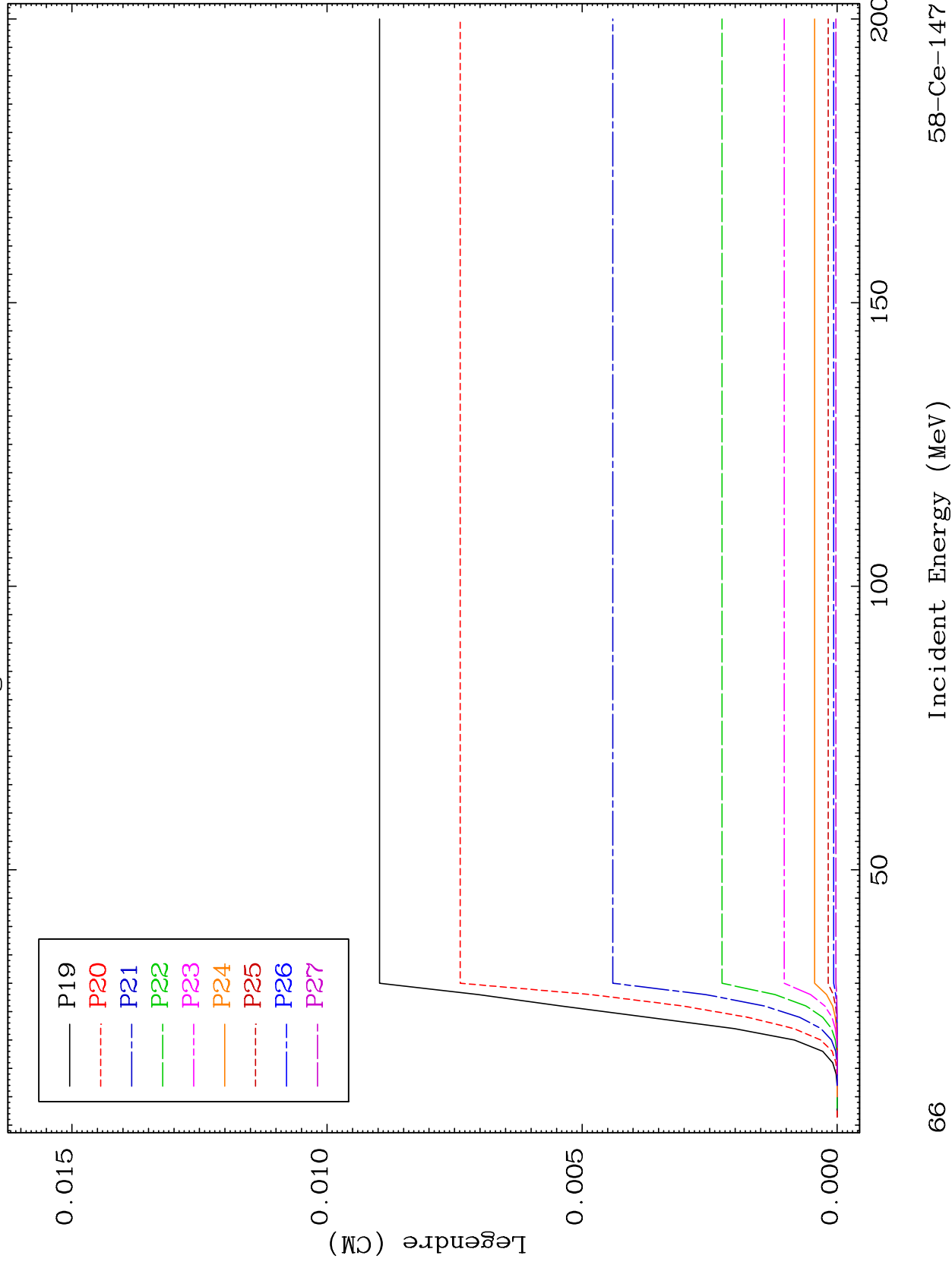


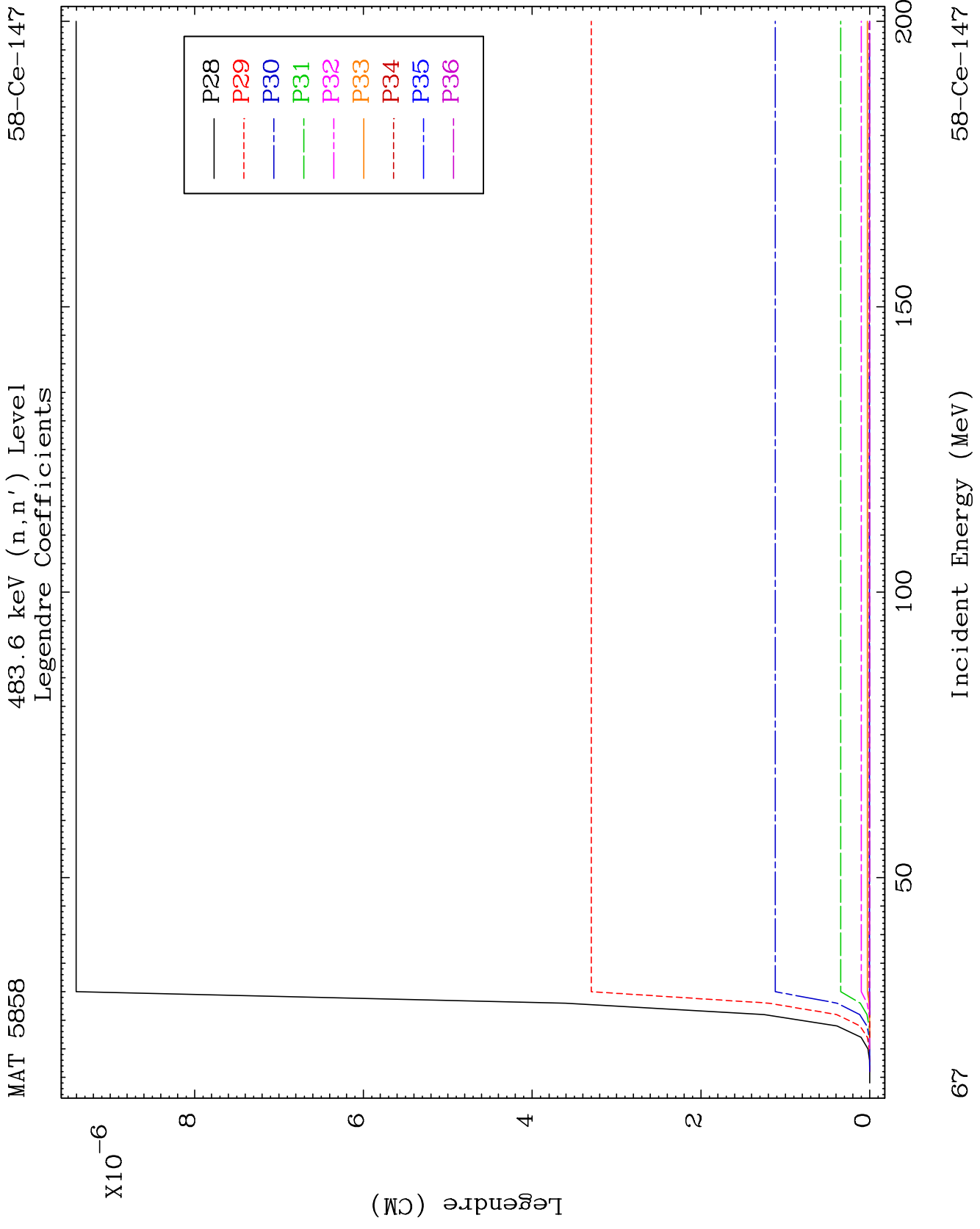
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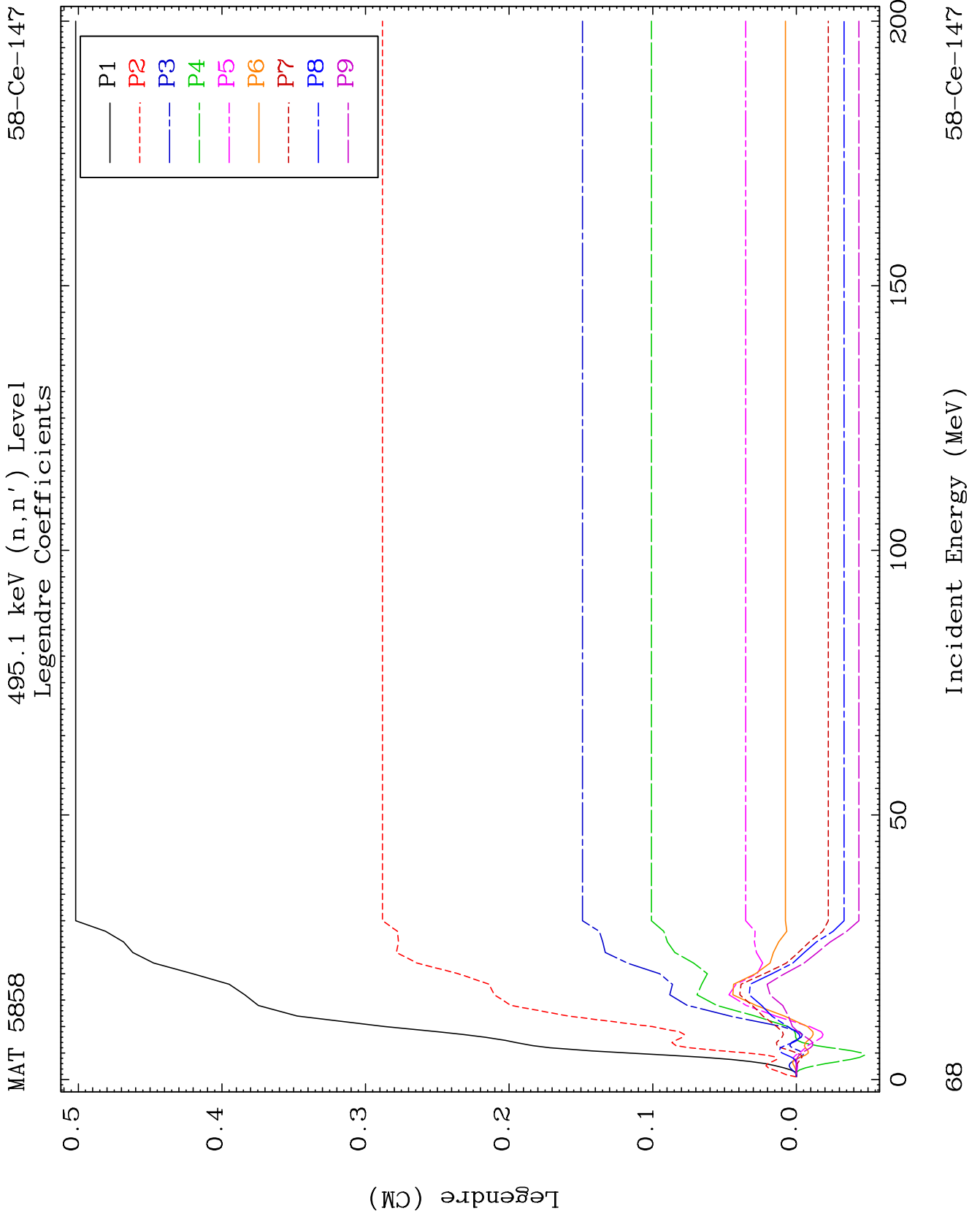
Incident Energy (MeV)

64





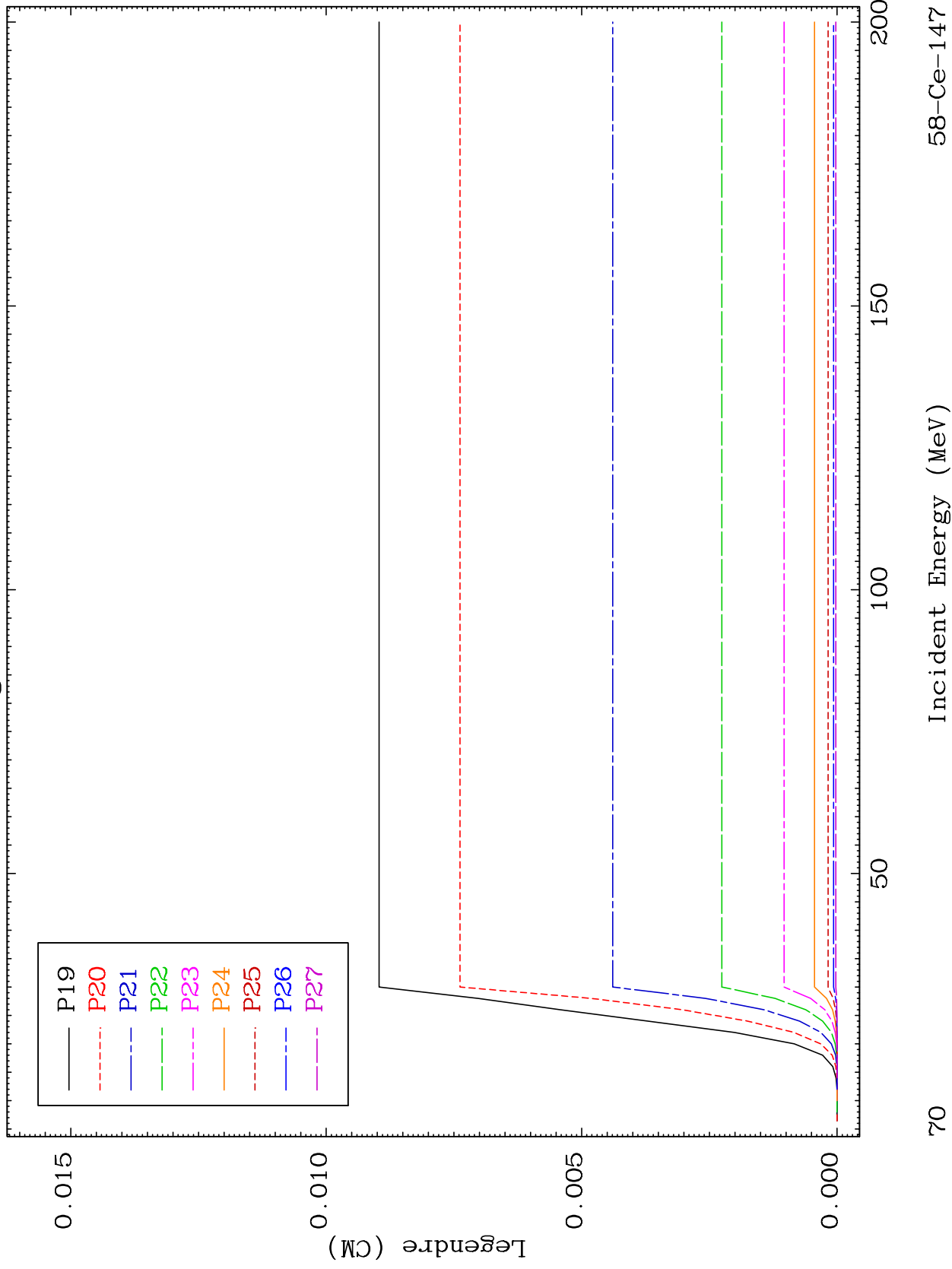




MAT 5858

495.1 keV (n,n') Level
Legendre Coefficients

58-Ce-147



58-Ce-147

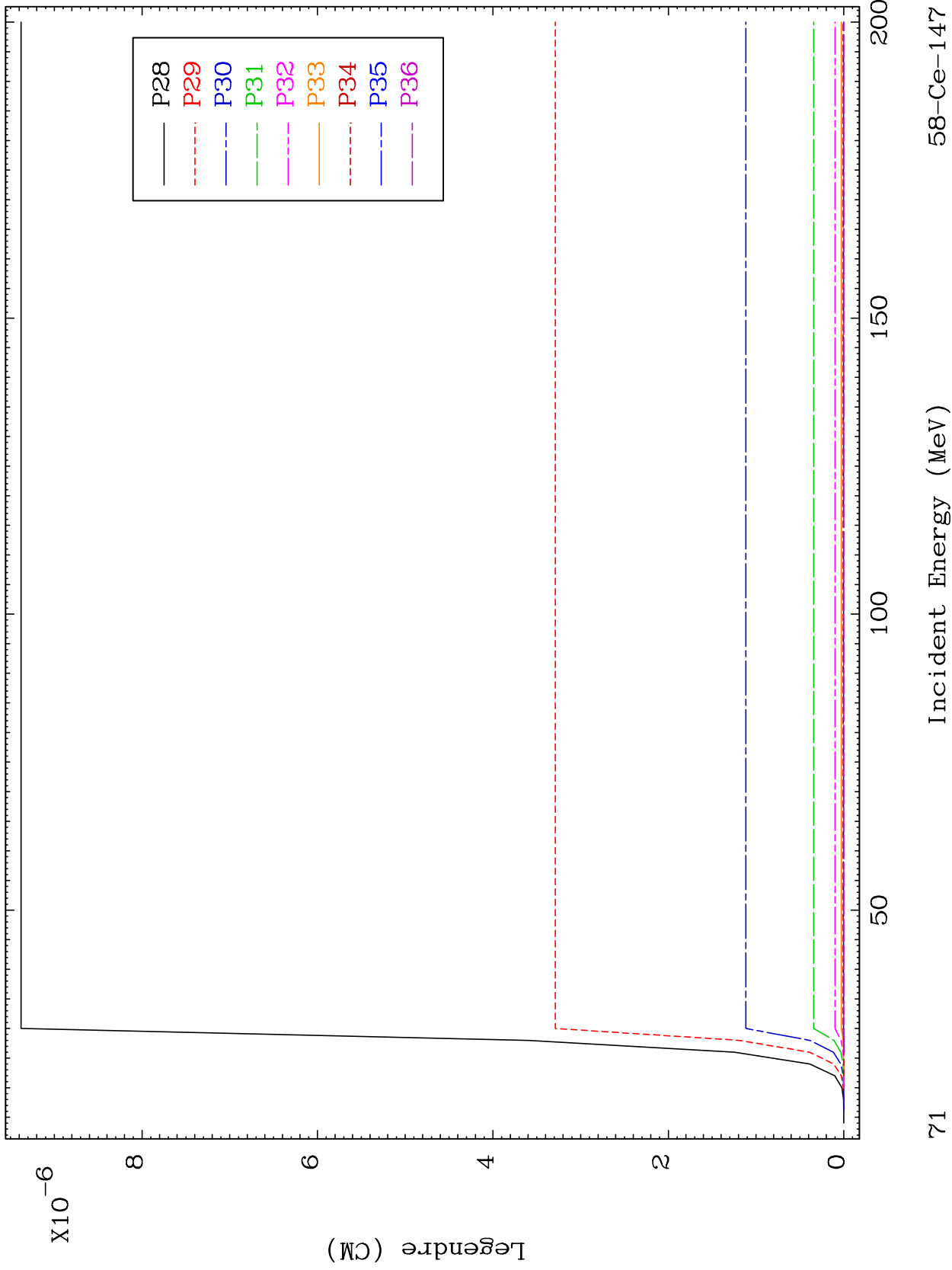
Incident Energy (MeV)

70

MAT 5858

495.1 keV (n,n') Level
Legendre Coefficients

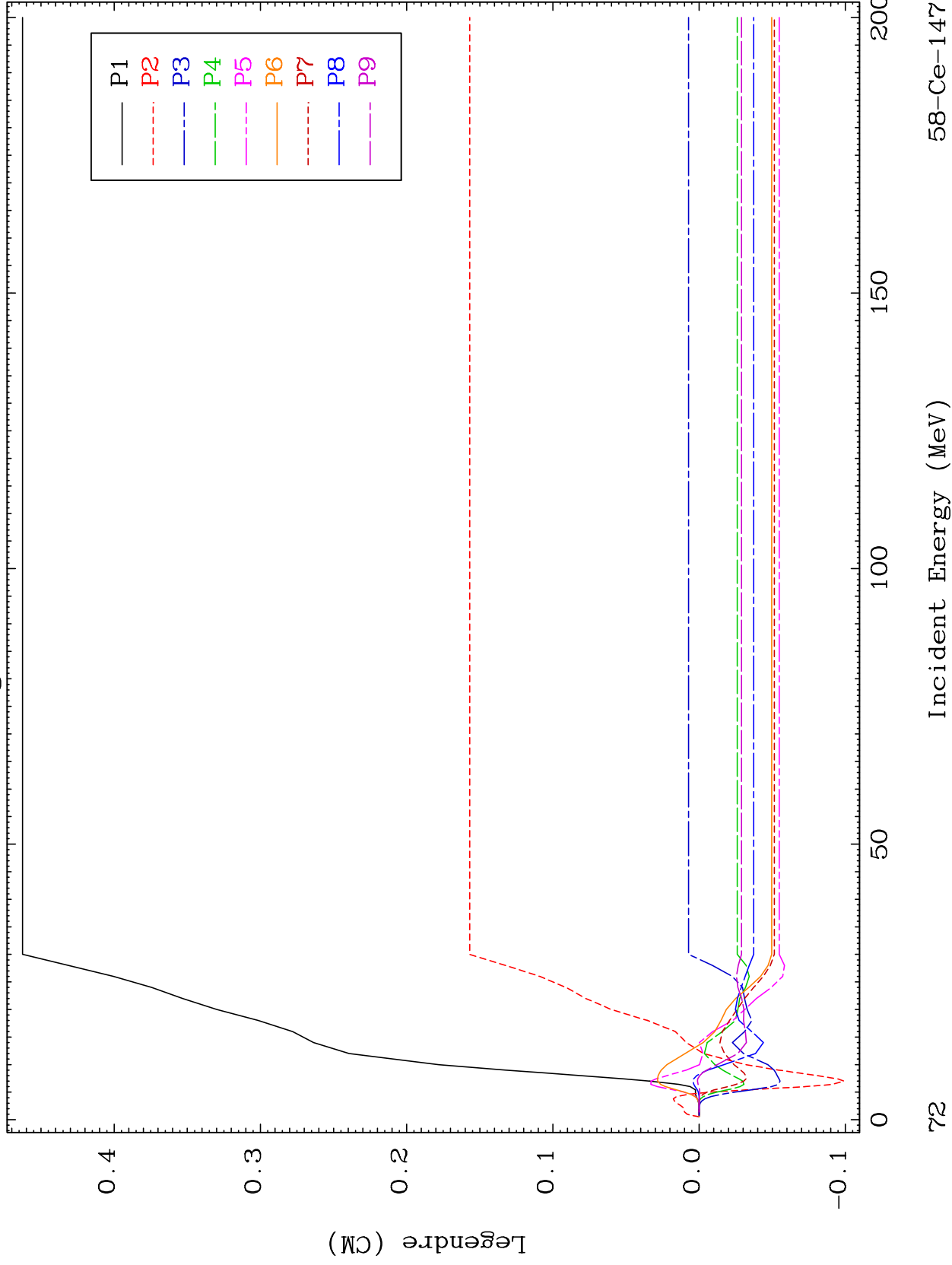
58-Ce-147



MAT 5858

505.4 keV (n,n') Level
Legendre Coefficients

58-Ce-147



58-Ce-147

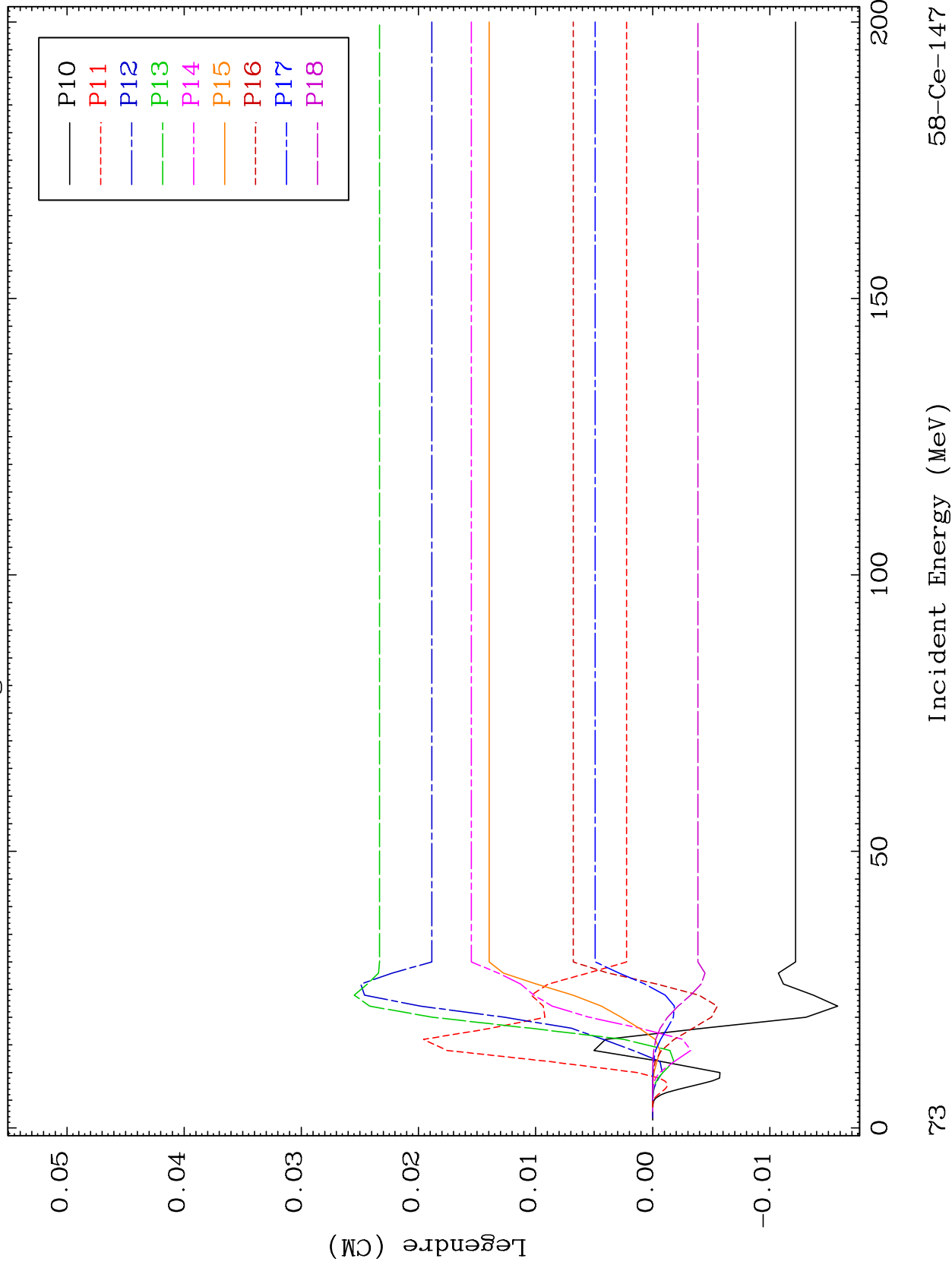
Incident Energy (MeV)

72

MAT 5858

505.4 keV (n,n') Level
Legendre Coefficients

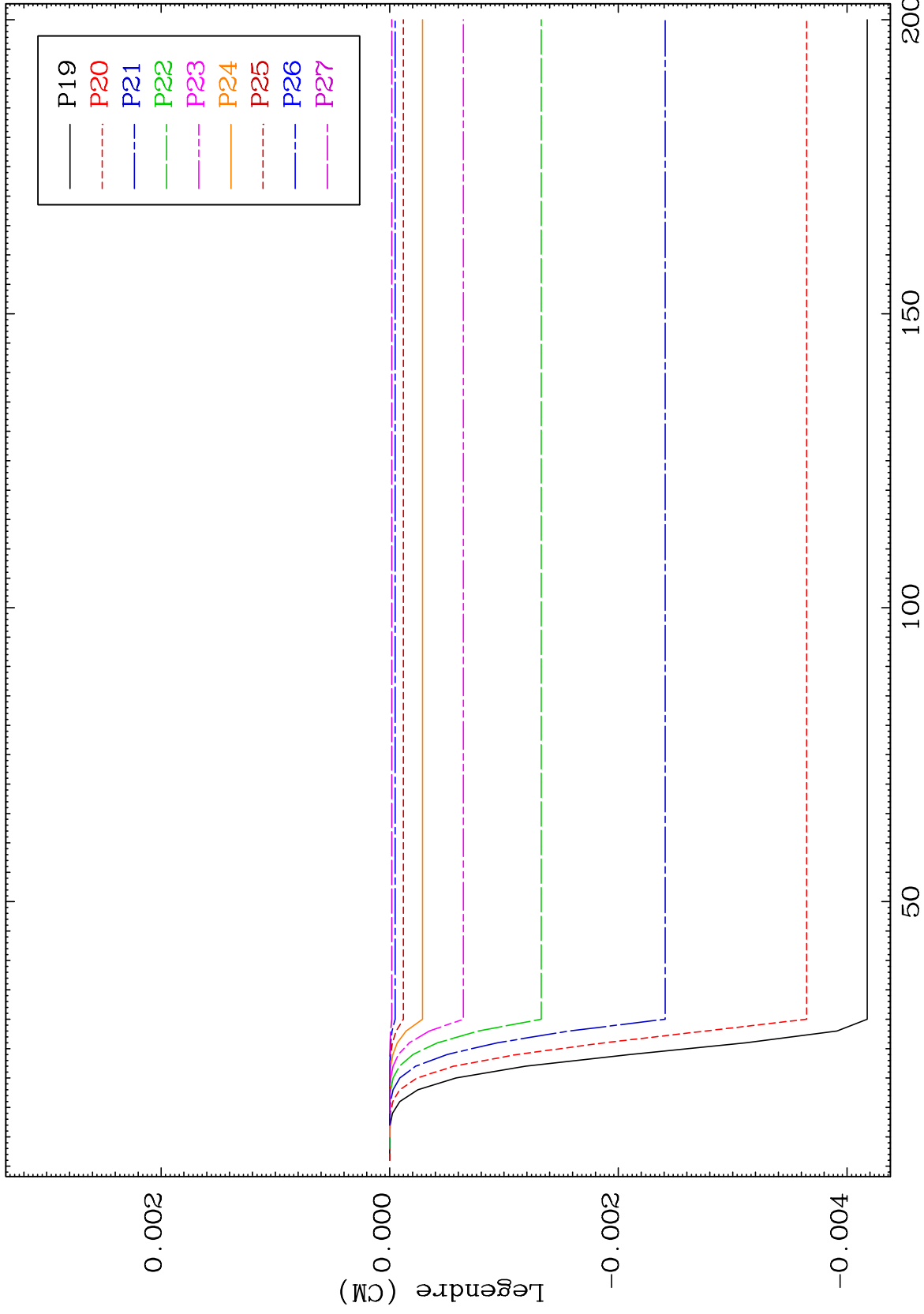
58-Ce-147



MAT 5858

505.4 keV (n,n') Level
Legendre Coefficients

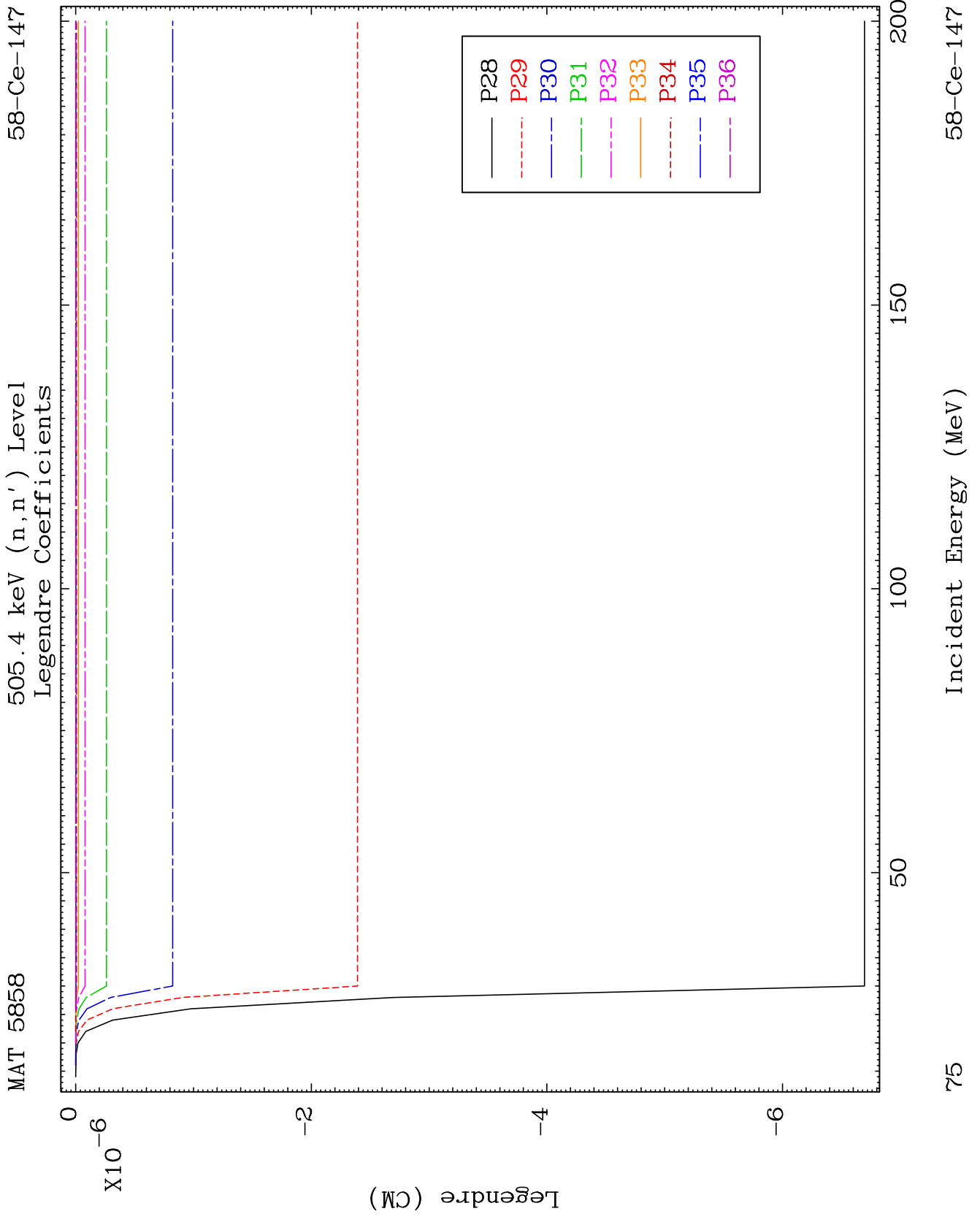
58-Ce-147

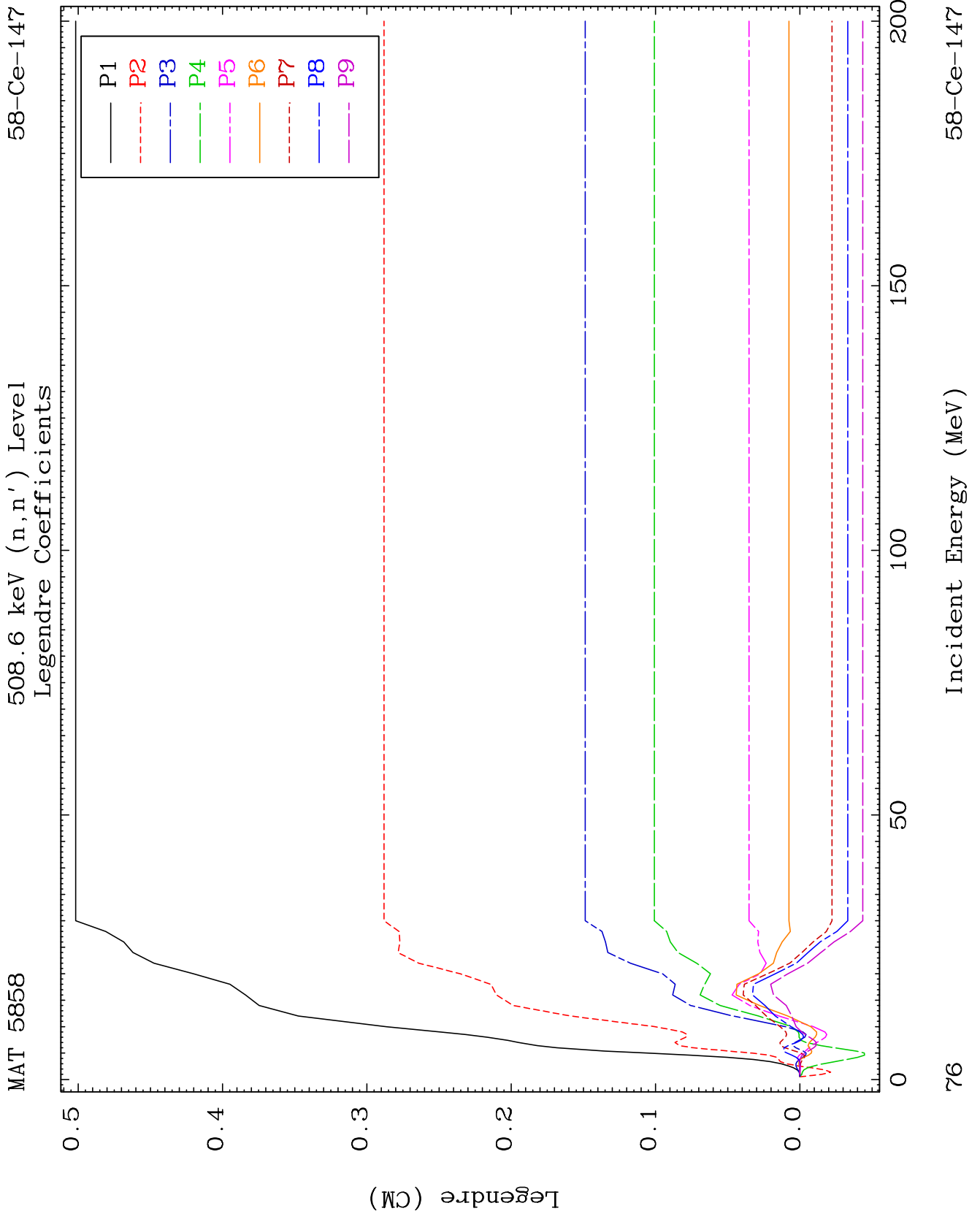


74

Incident Energy (MeV)

58-Ce-147

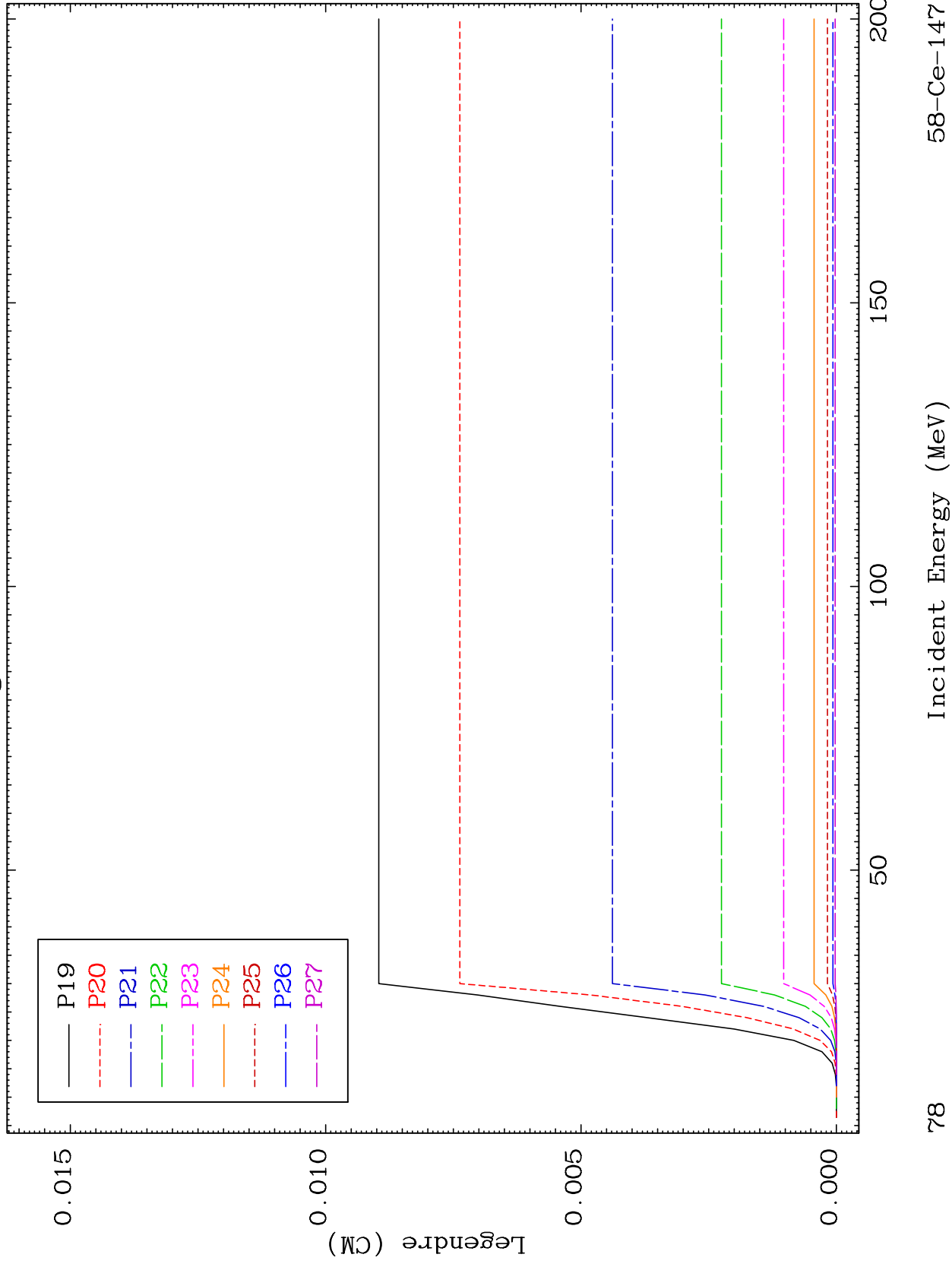




MAT 5858

508.6 keV (n,n') Level
Legendre Coefficients

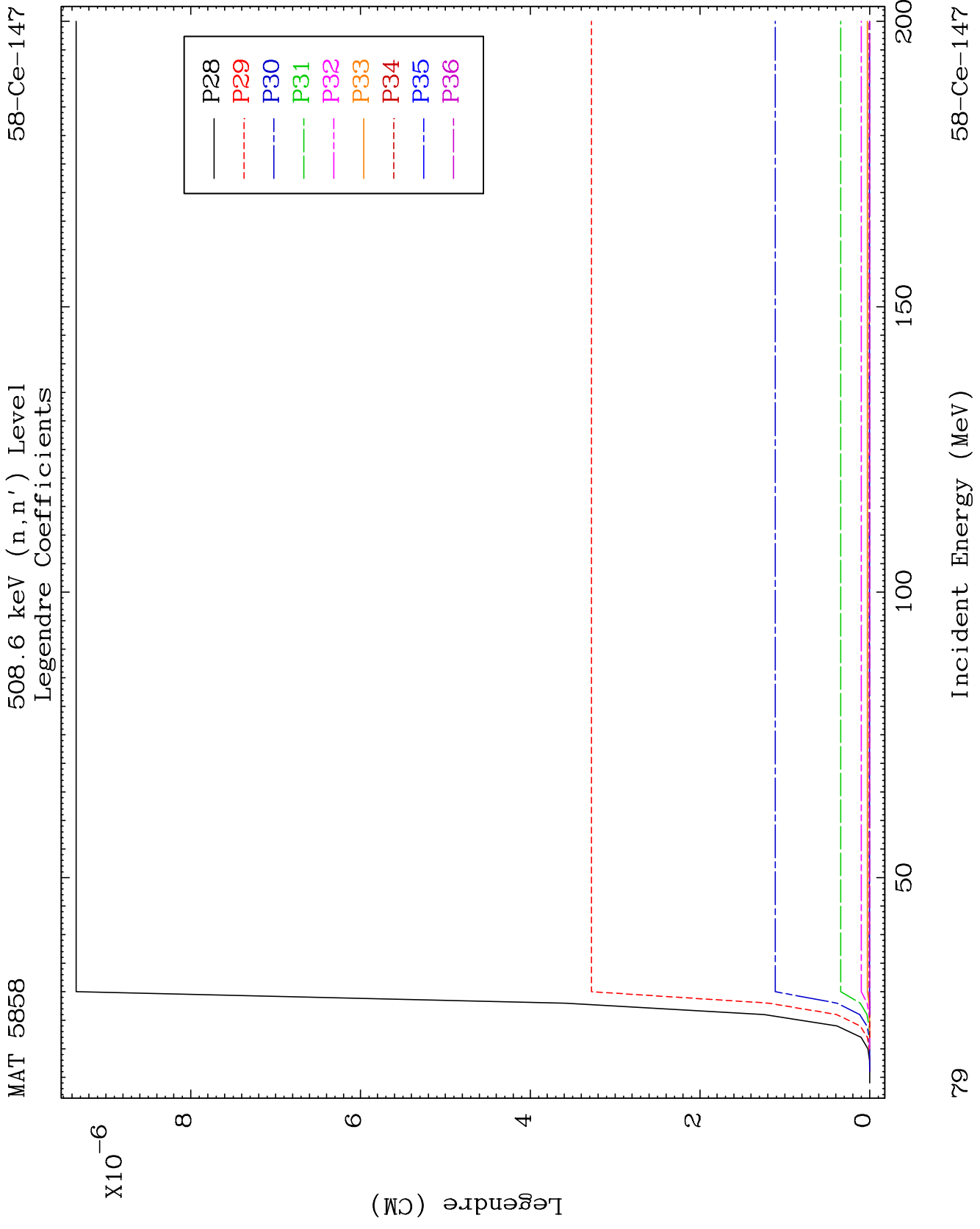
58-Ce-147

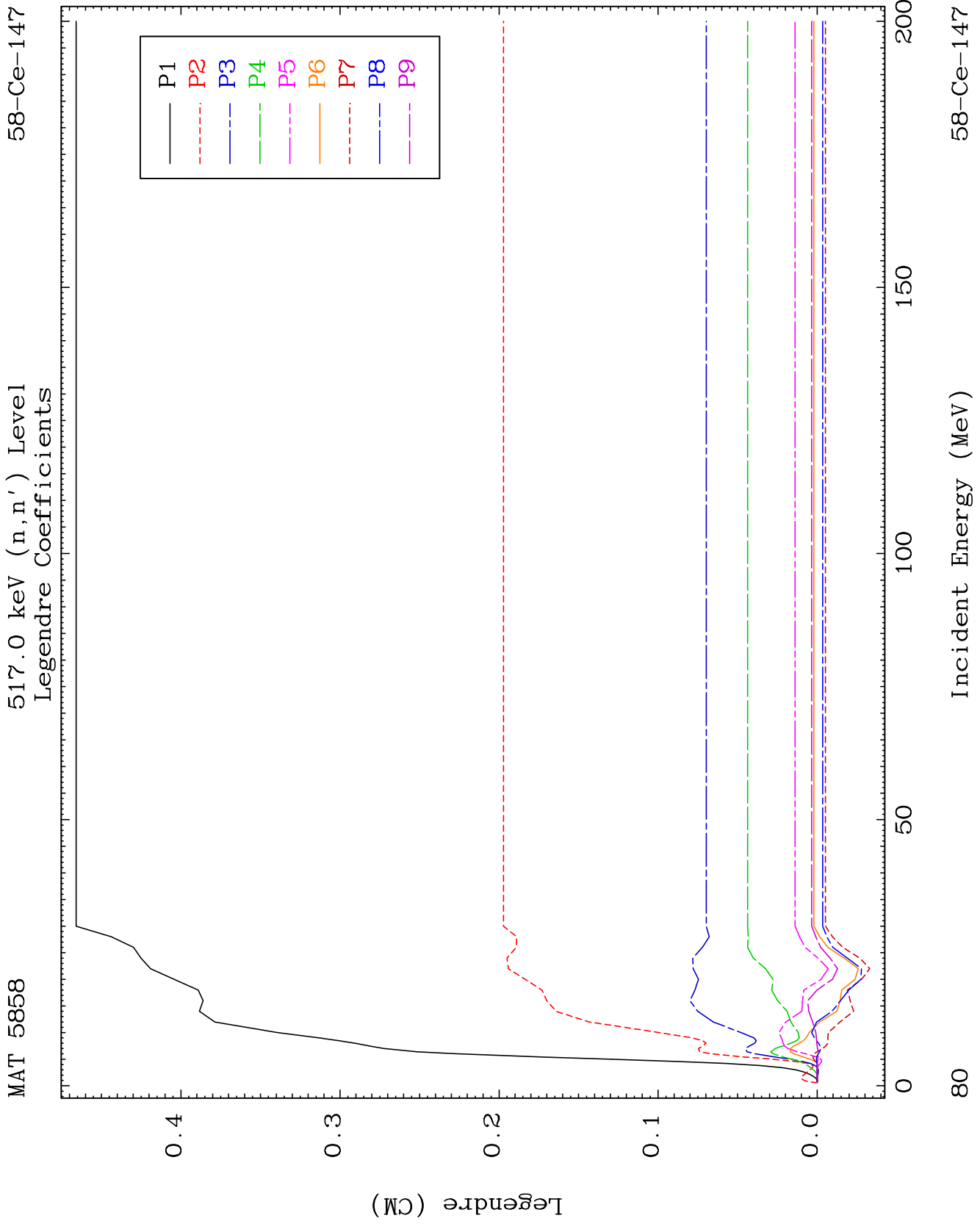


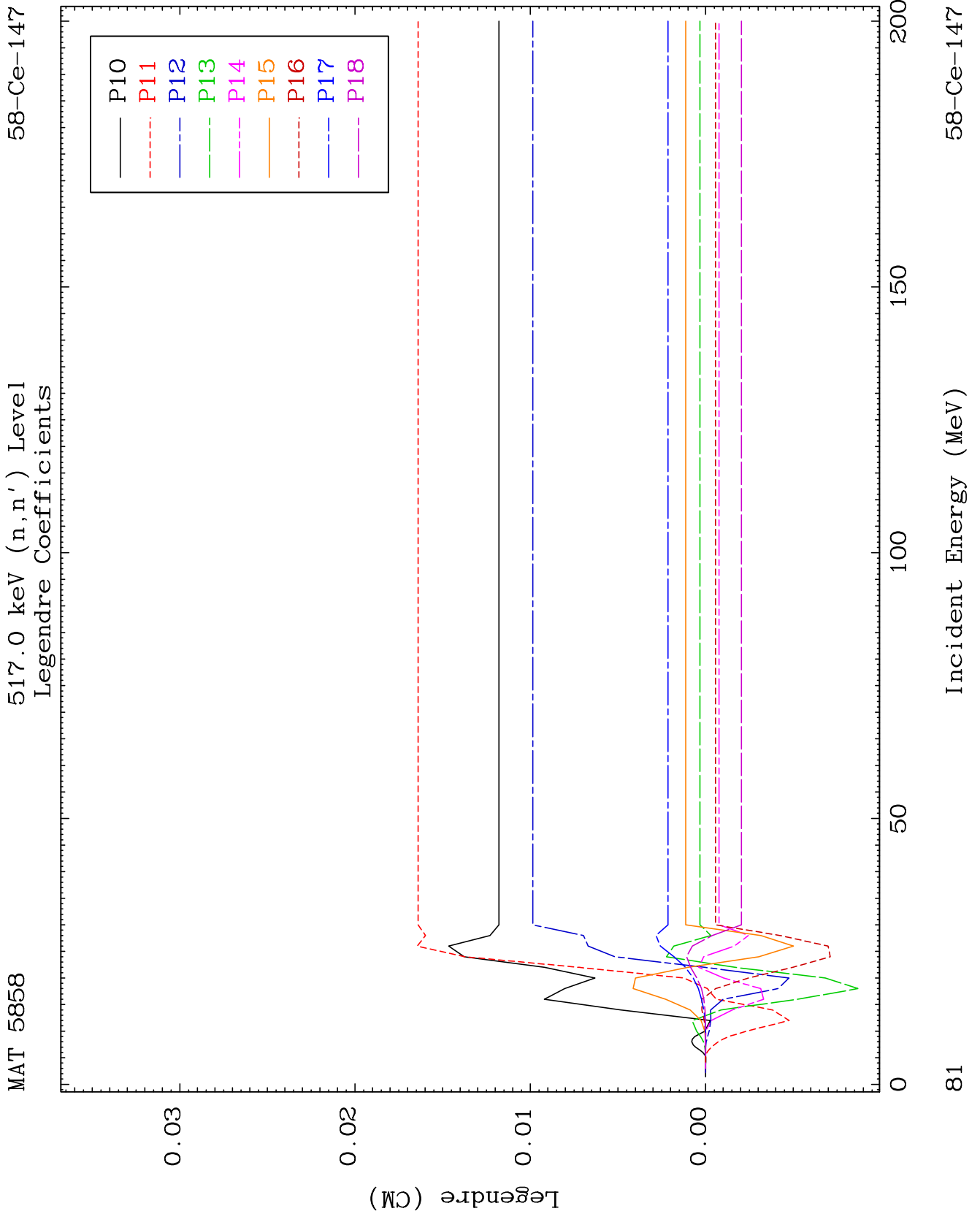
58-Ce-147

Incident Energy (MeV)

78



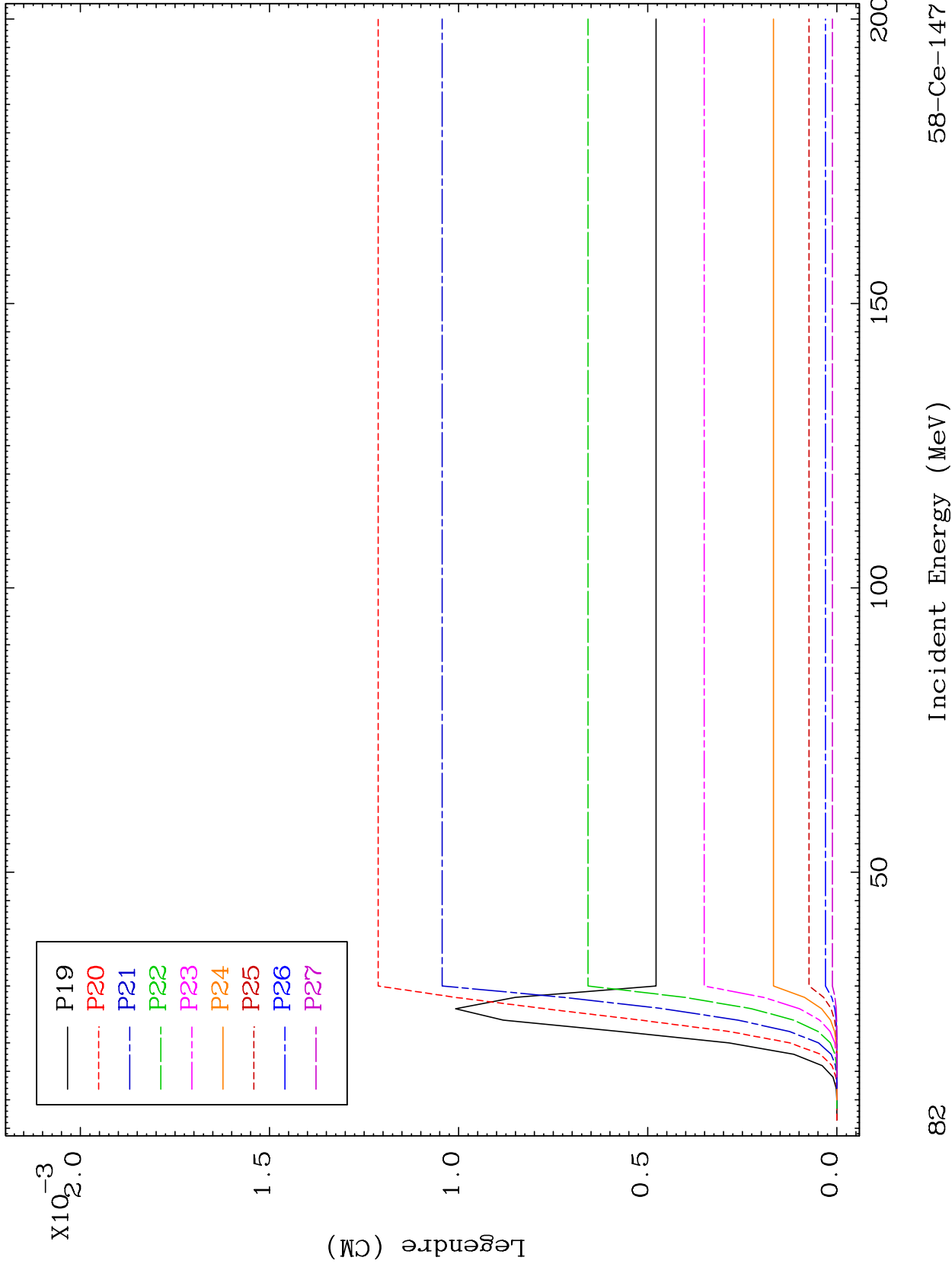




MAT 5858

517.0 keV (n,n') Level
Legendre Coefficients

58-Ce-147



82

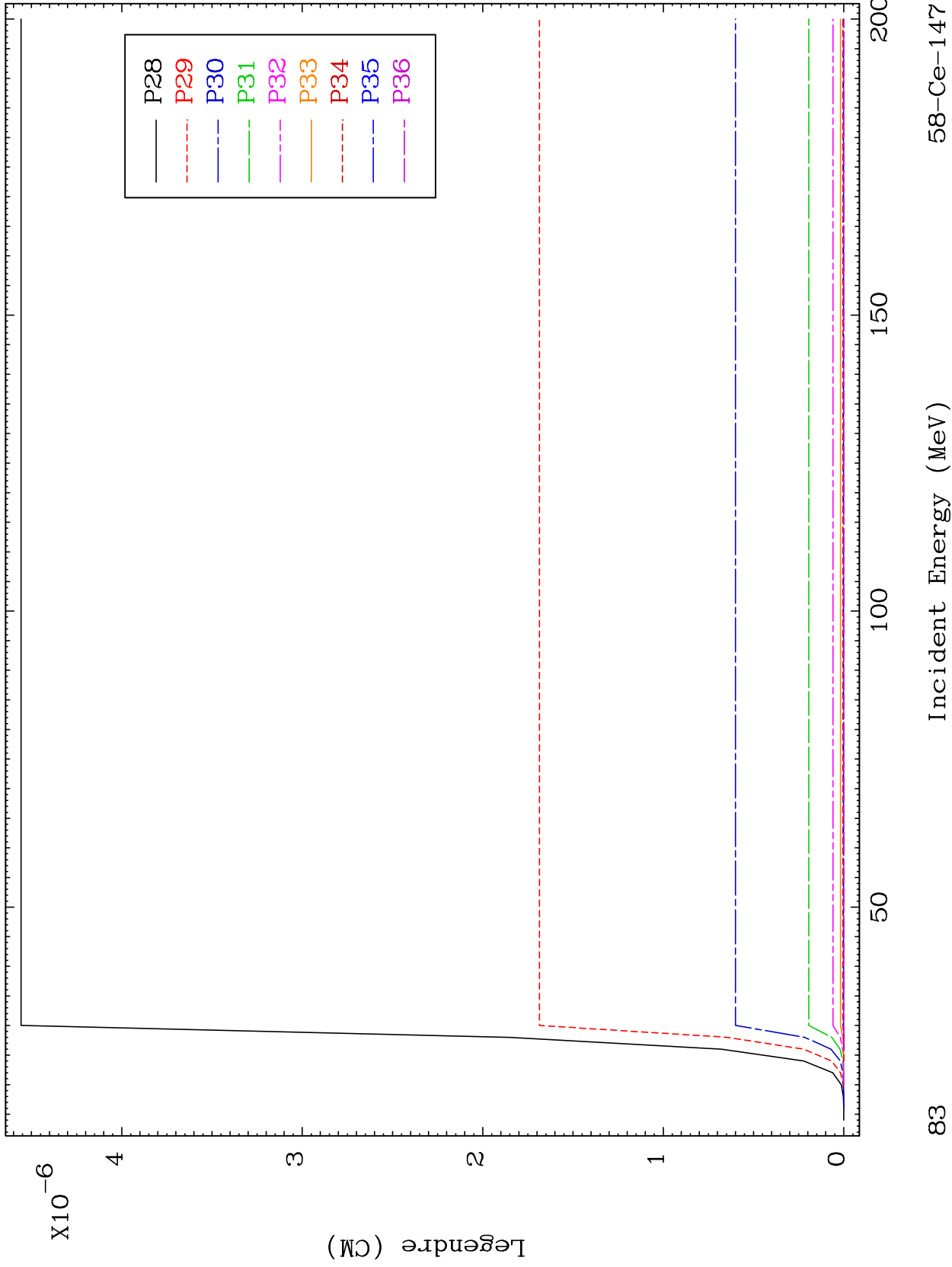
Incident Energy (MeV)

58-Ce-147

MAT 5858

517.0 keV (n,n') Level
Legendre Coefficients

58-Ce-147



83

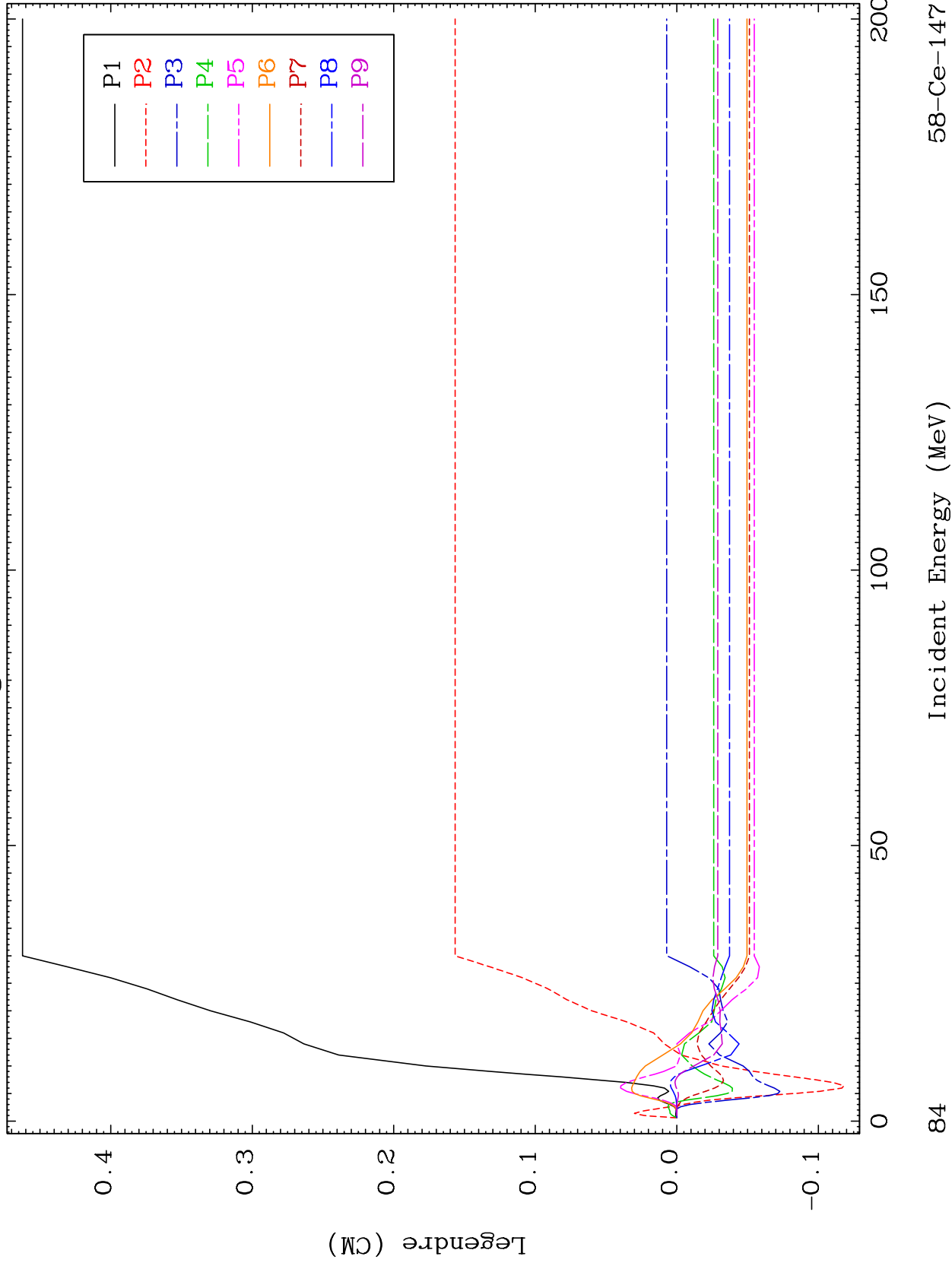
Incident Energy (MeV)

58-Ce-147

MAT 5858

558.2 keV (n,n') Level
Legendre Coefficients

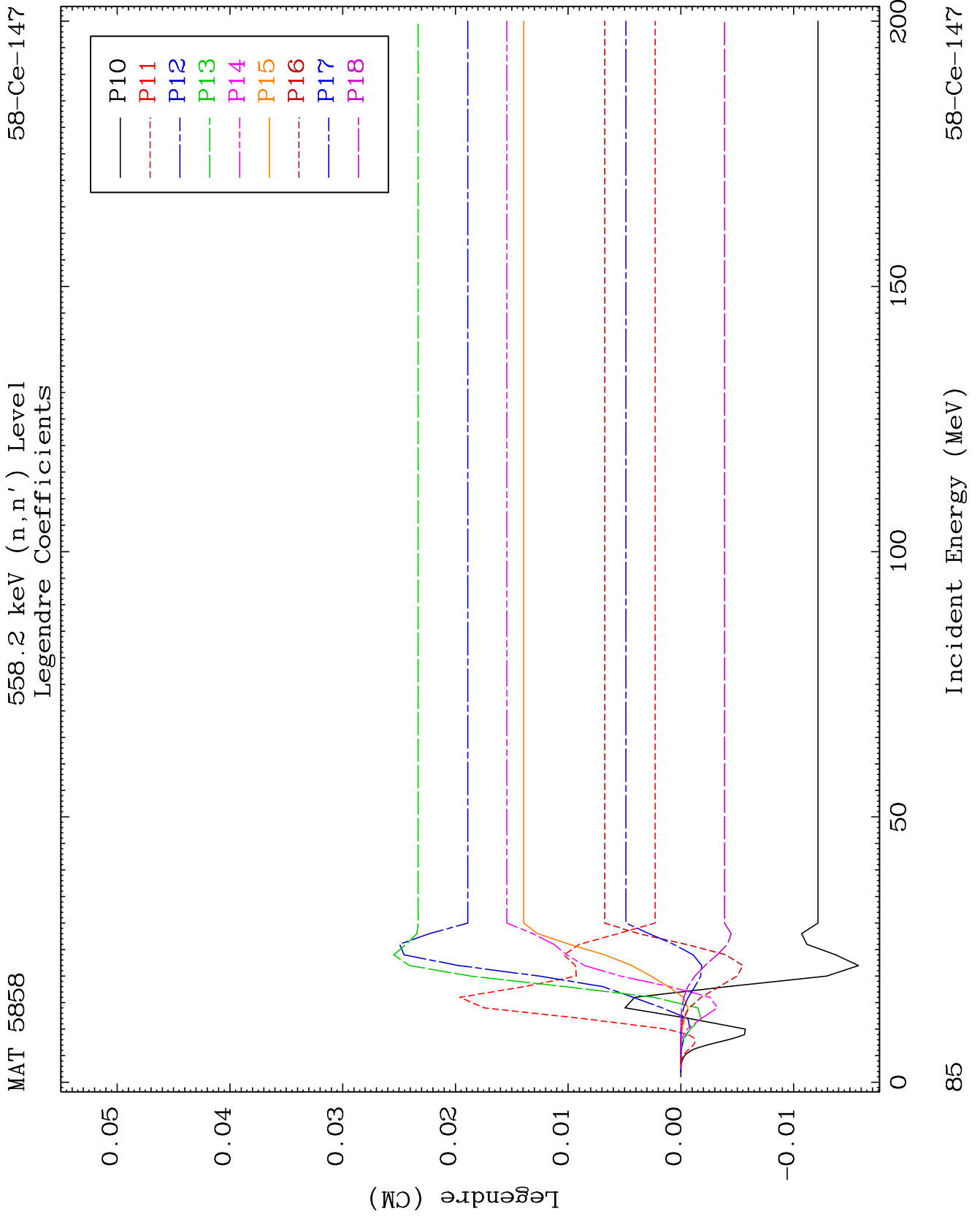
58-Ce-147

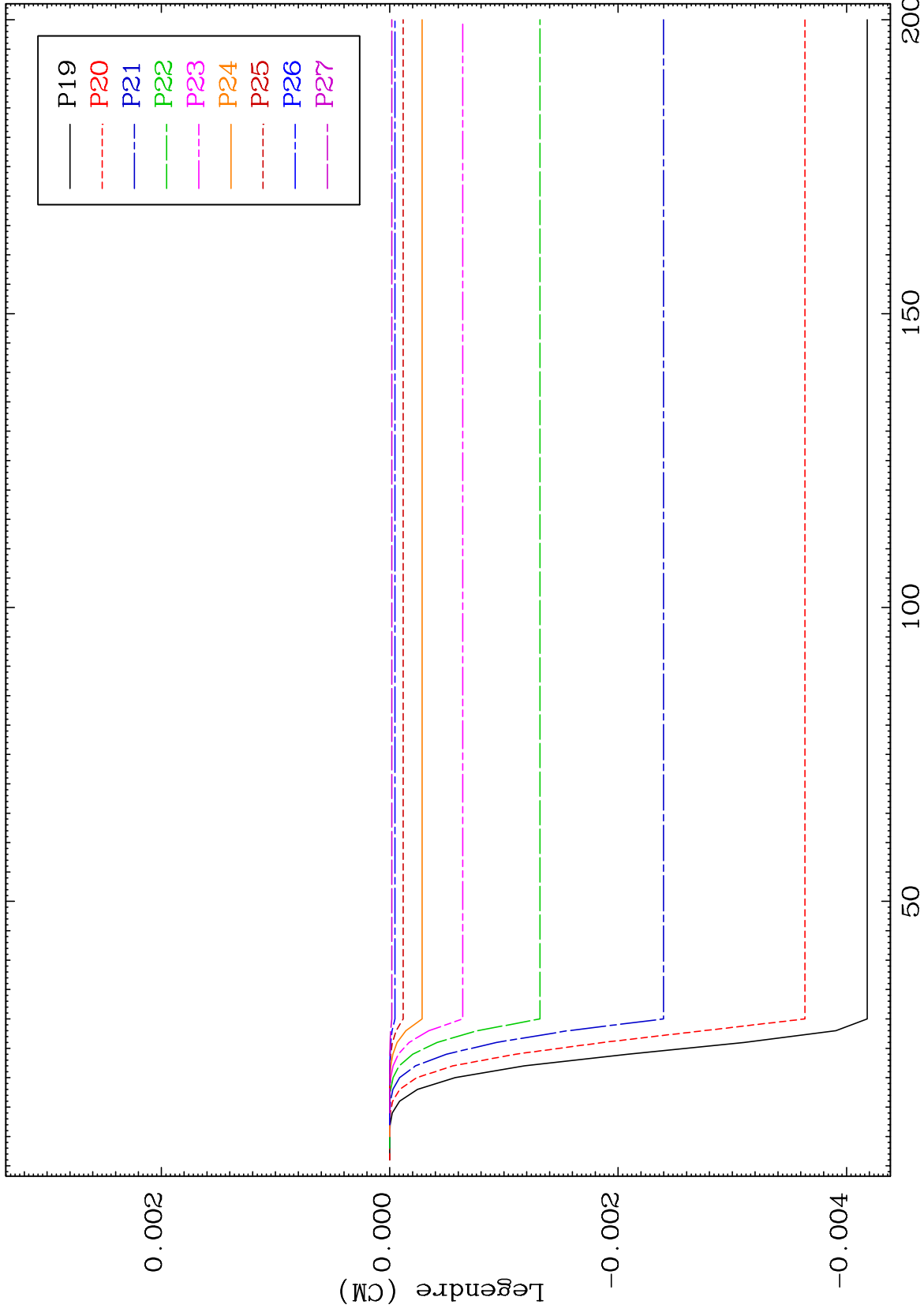


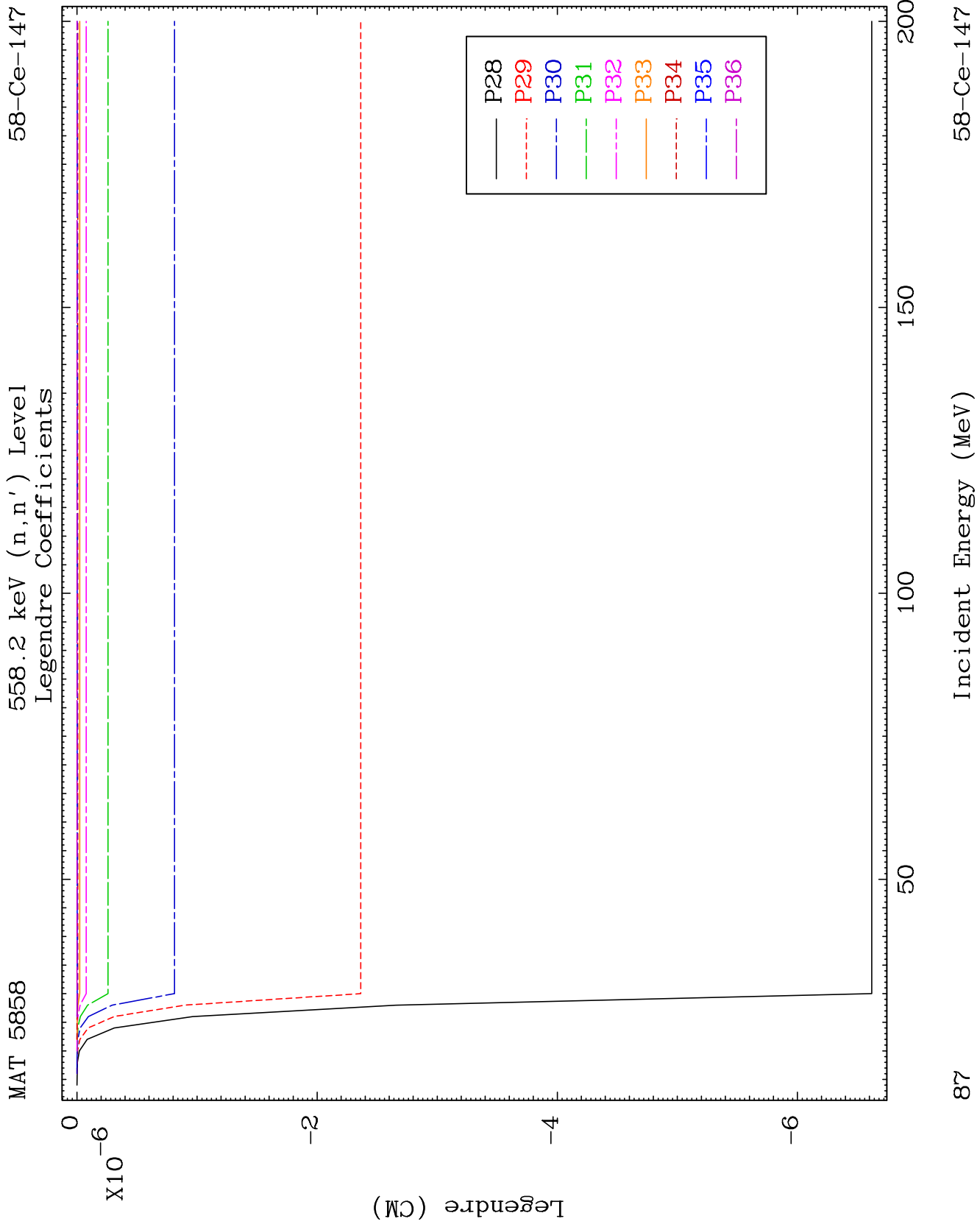
58-Ce-147

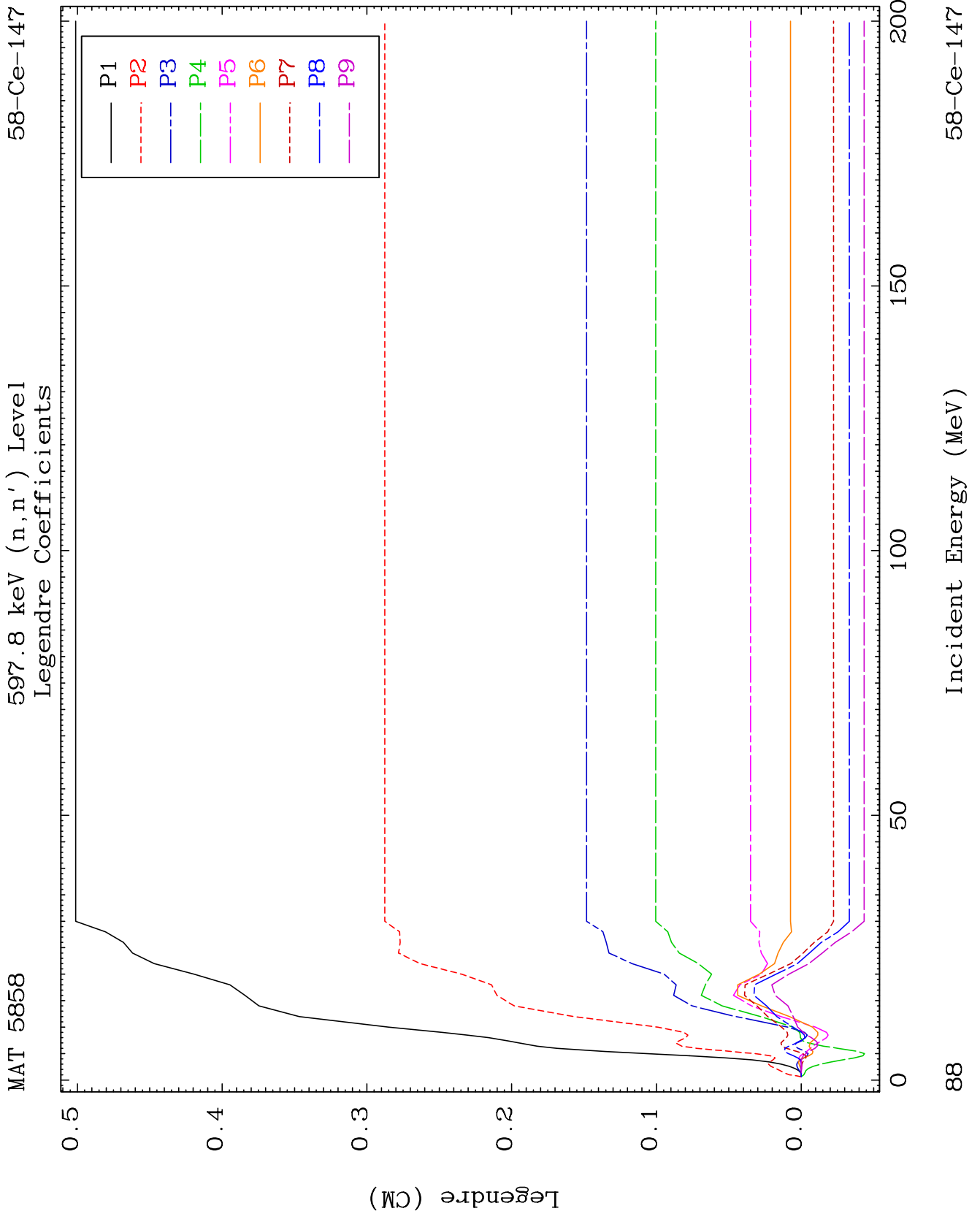
Incident Energy (MeV)

84





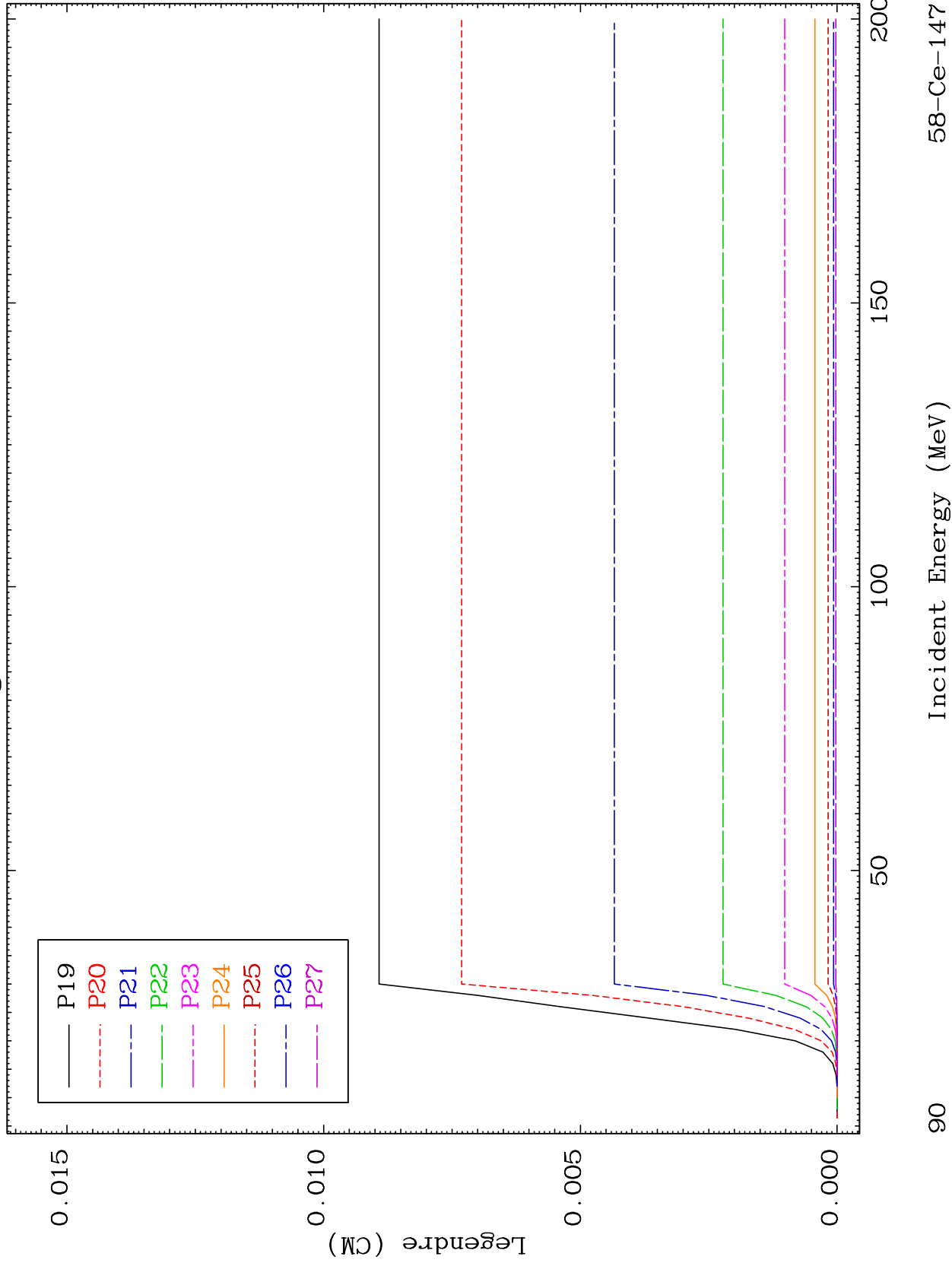




MAT 5858

597.8 keV (n,n') Level
Legendre Coefficients

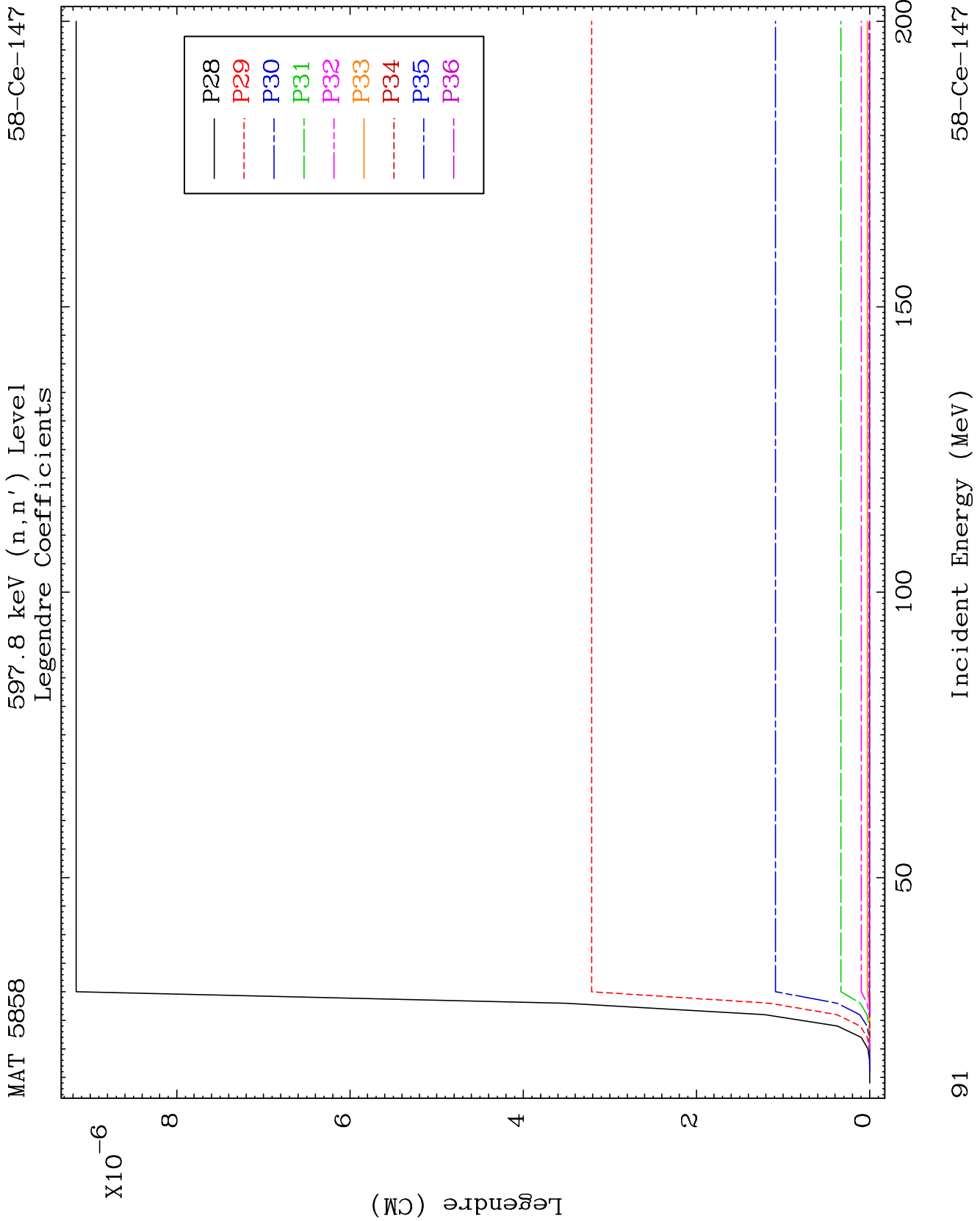
58-Ce-147



58-Ce-147

Incident Energy (MeV)

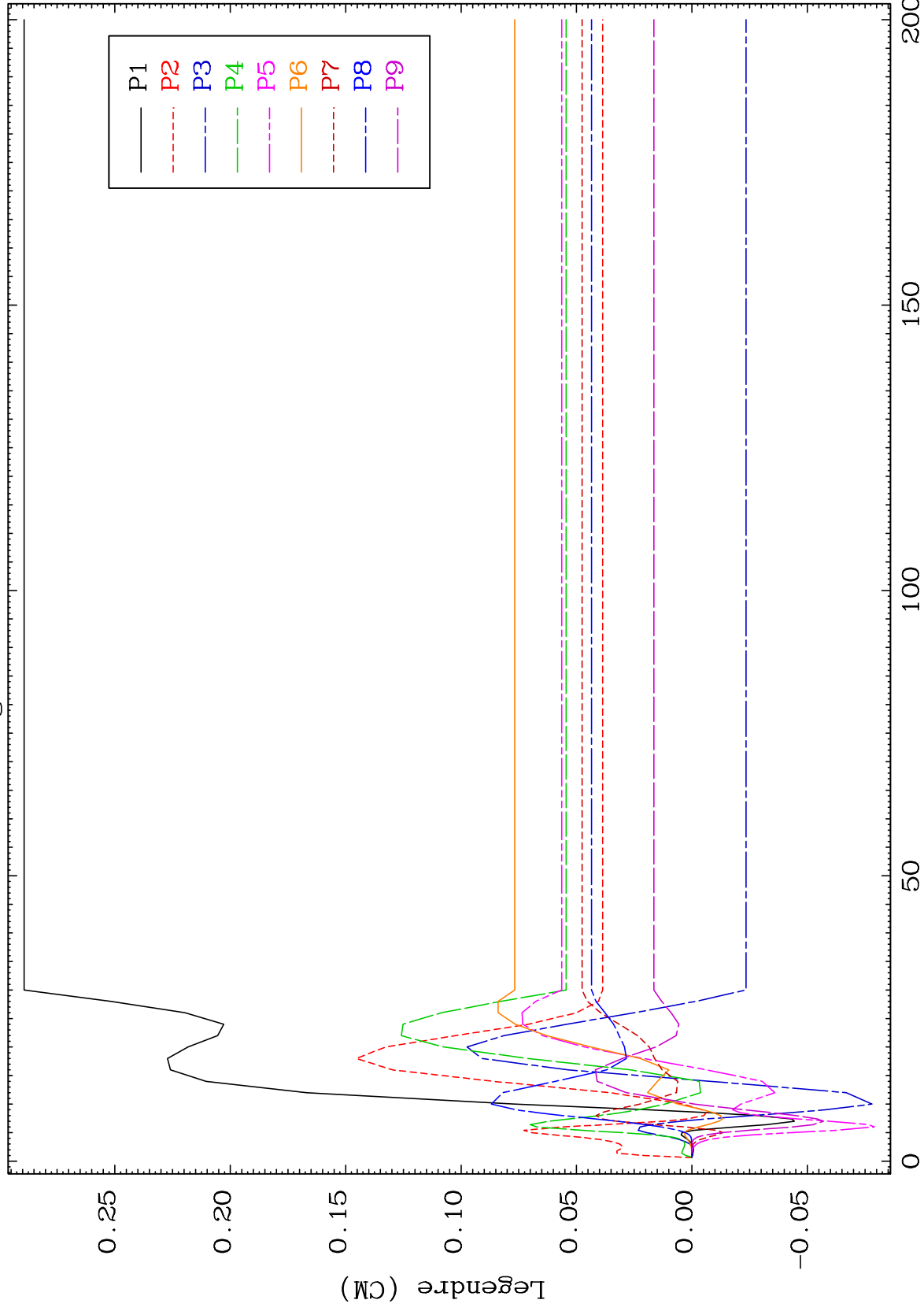
90



MAT 5858

608.5 keV (n,n') Level
Legendre Coefficients

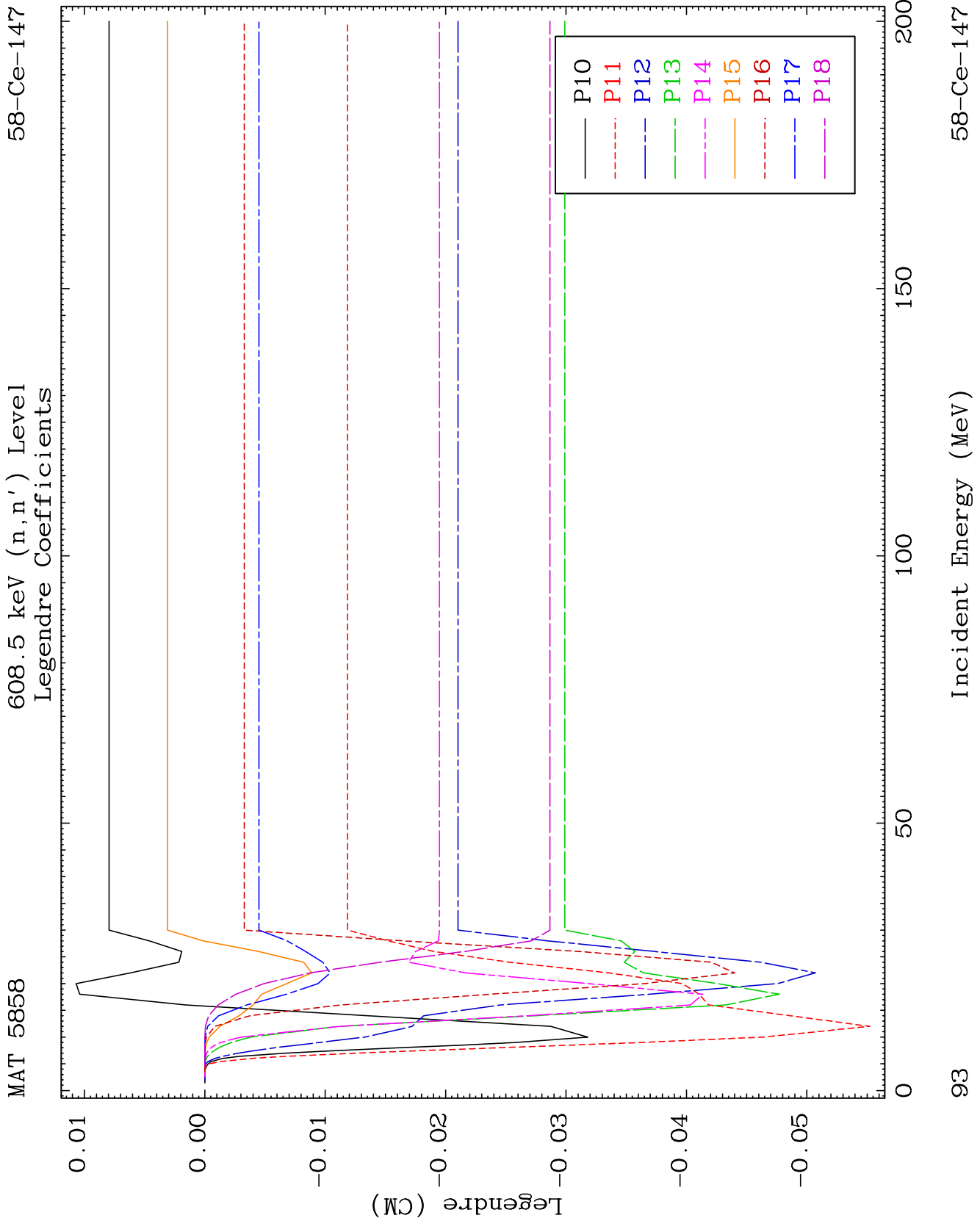
58-Ce-147

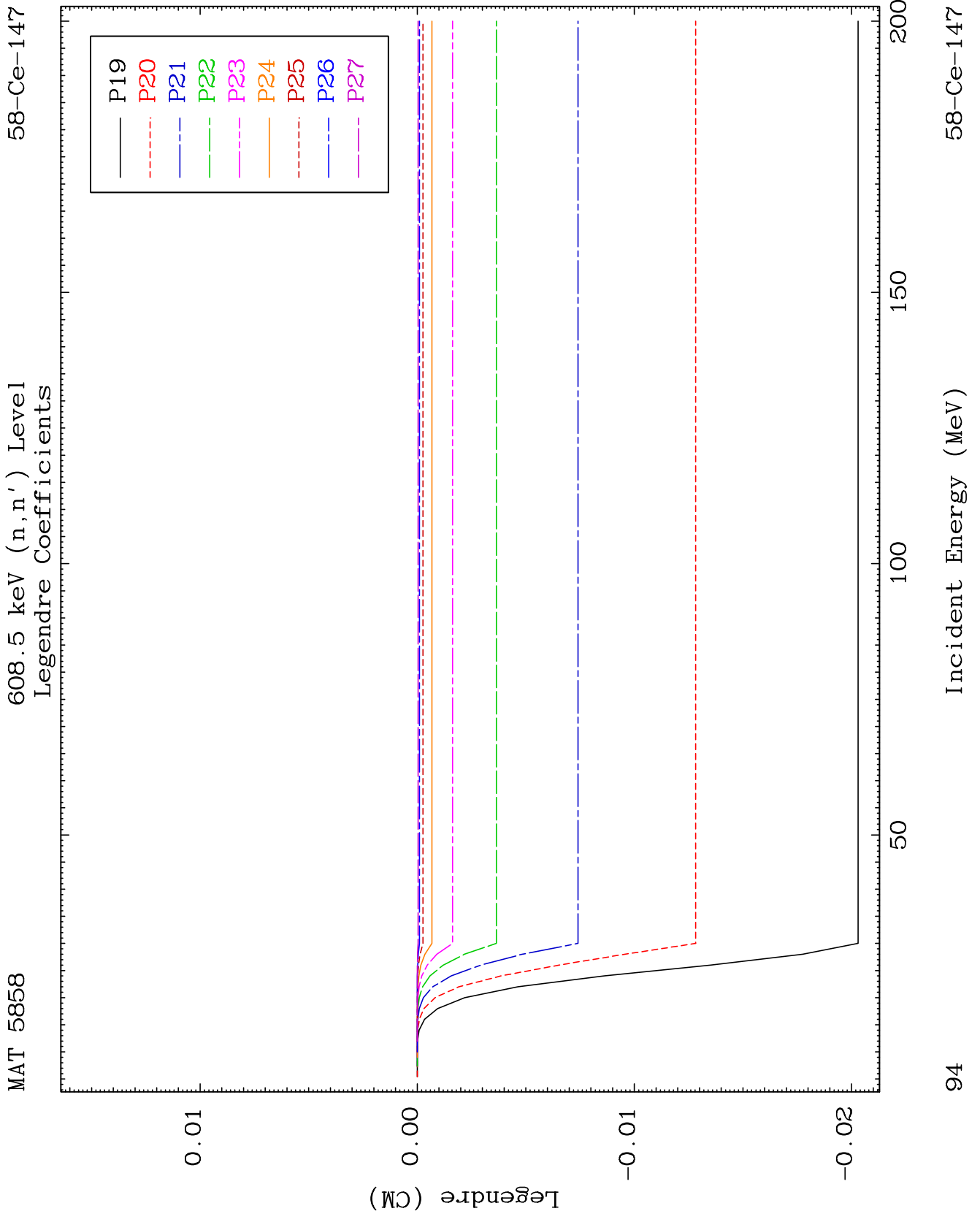


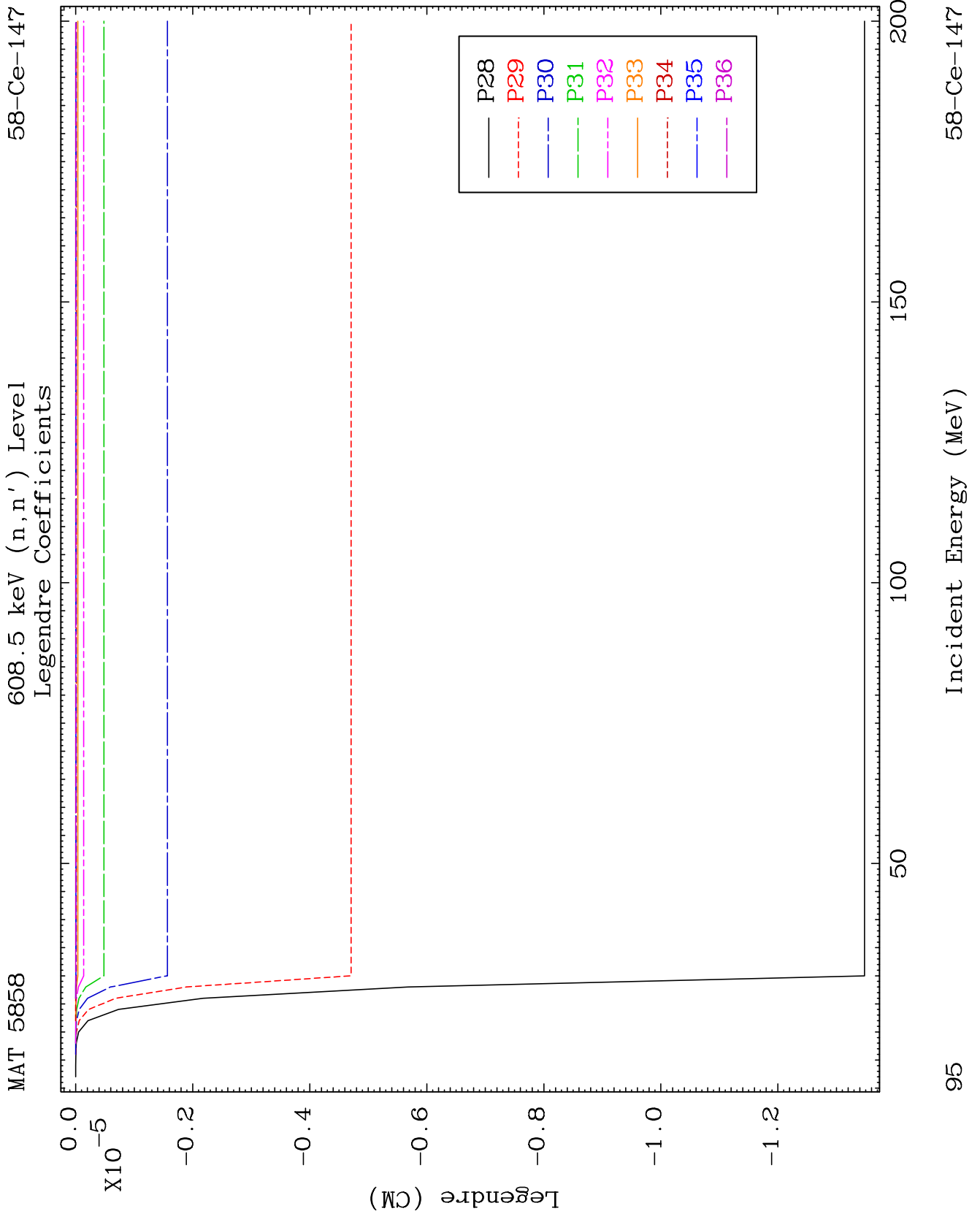
92

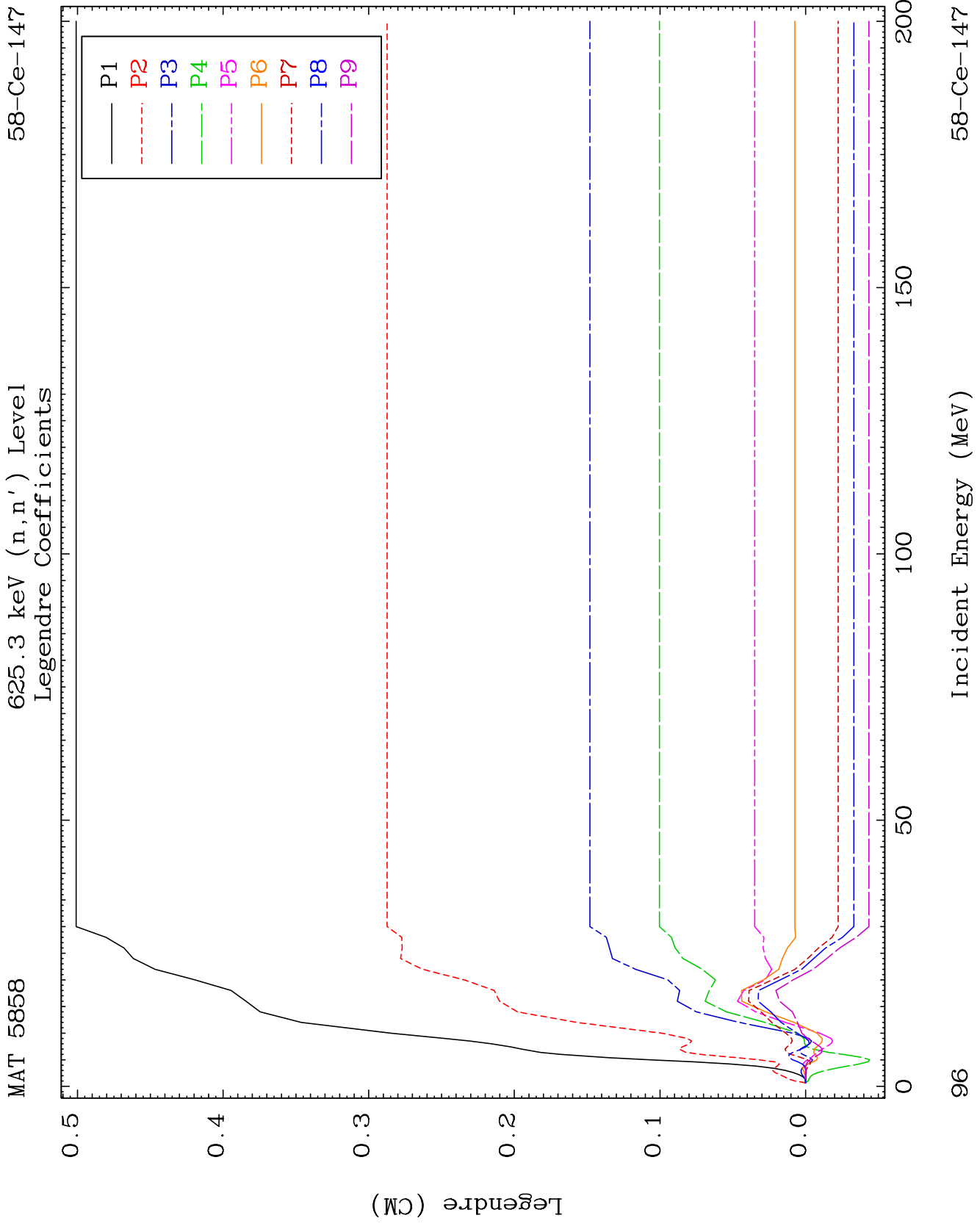
Incident Energy (MeV)

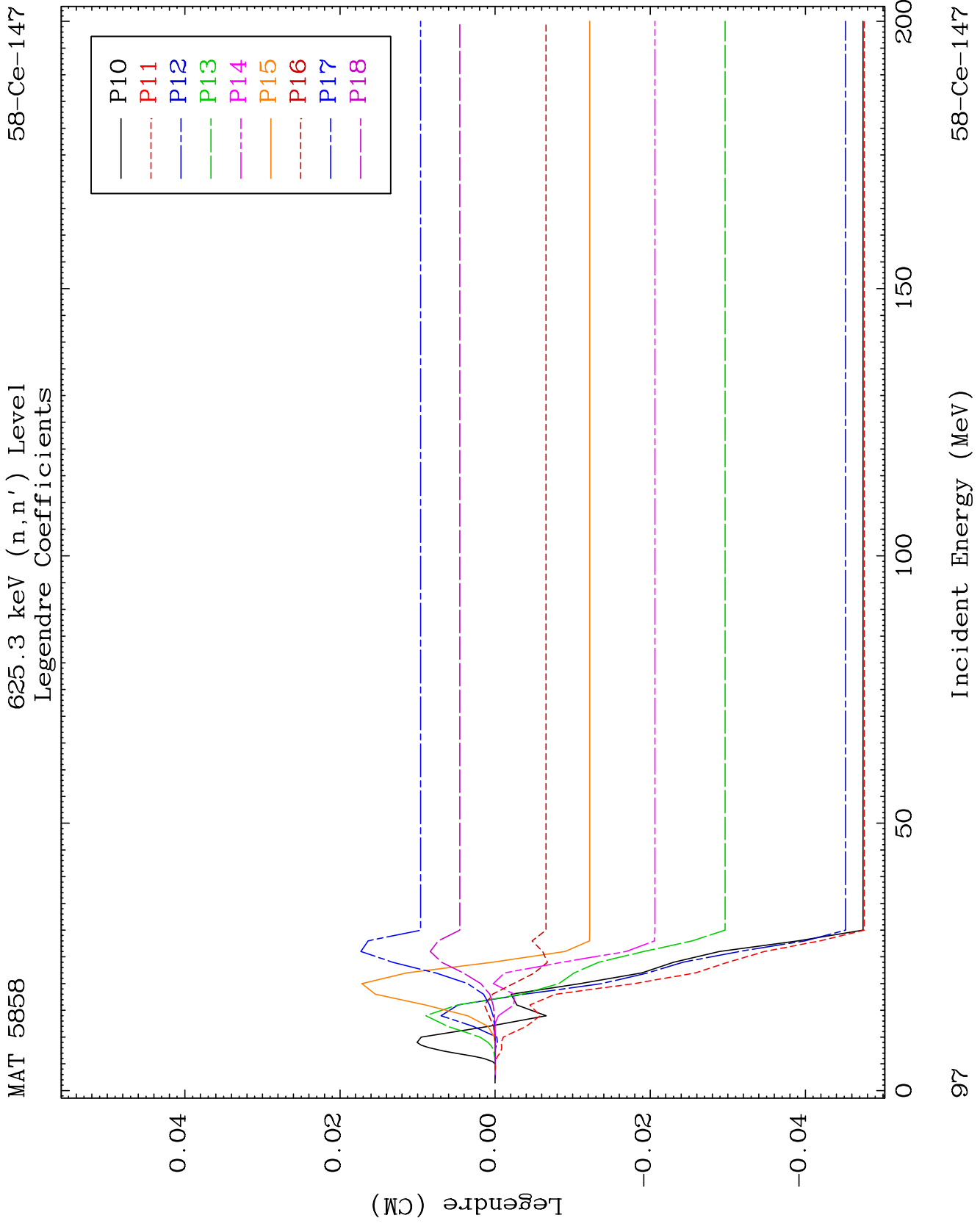
58-Ce-147







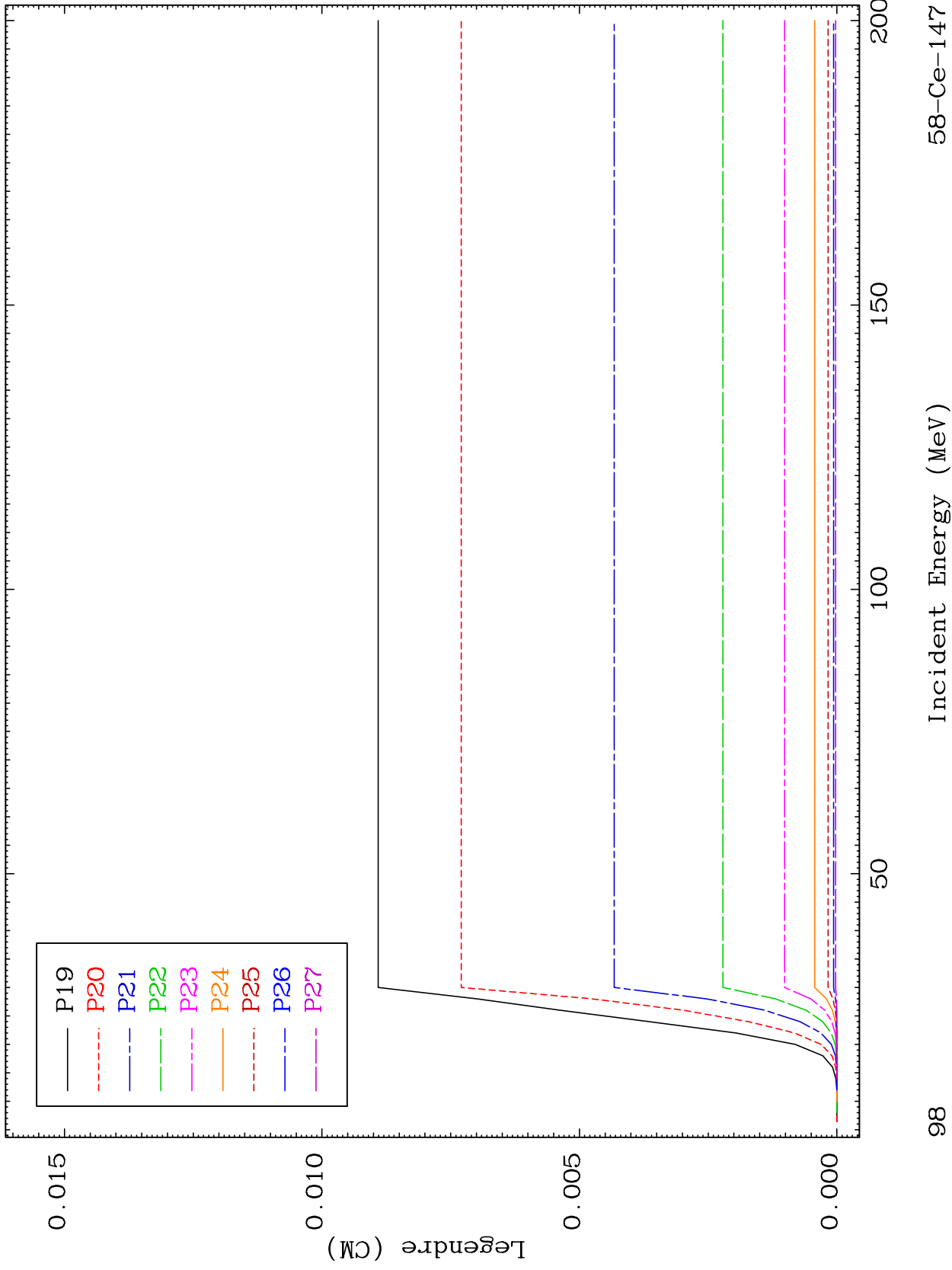




MAT 5858

625.3 keV (n,n') Level
Legendre Coefficients

58-Ce-147



98

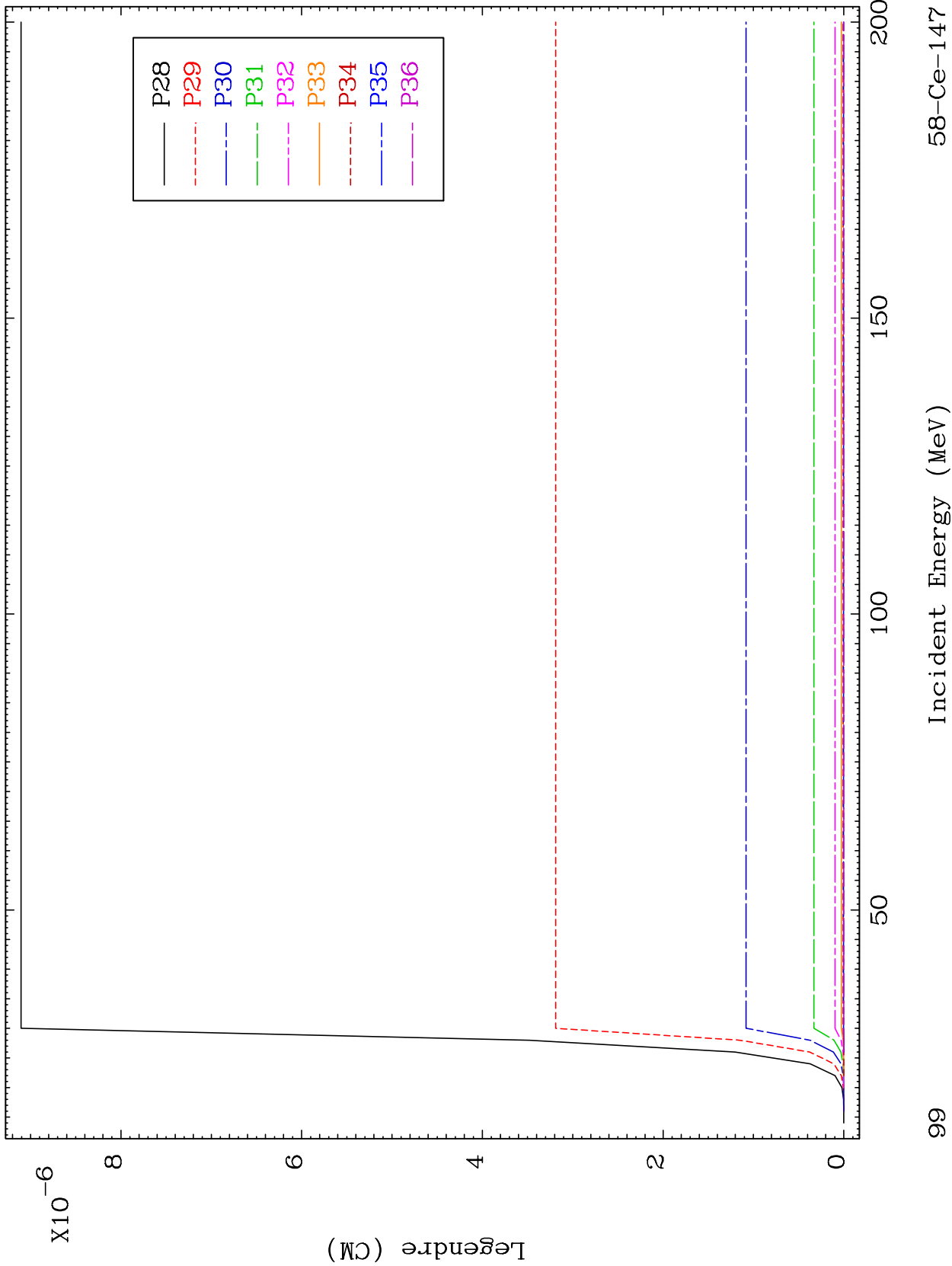
Incident Energy (MeV)

58-Ce-147

MAT 5858

625.3 keV (n,n') Level
Legendre Coefficients

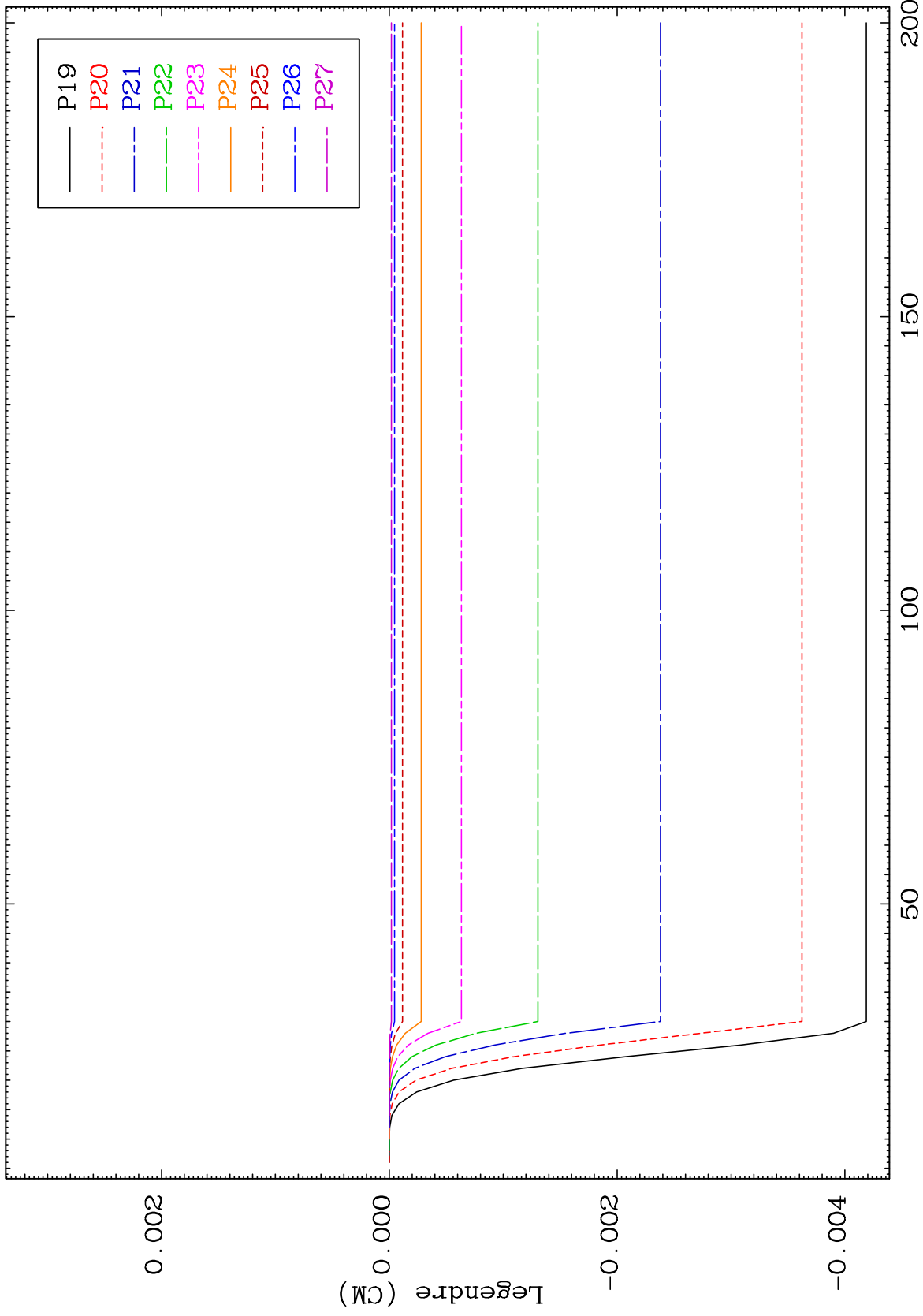
58-Ce-147



MAT 5858

634.3 keV (n,n') Level
Legendre Coefficients

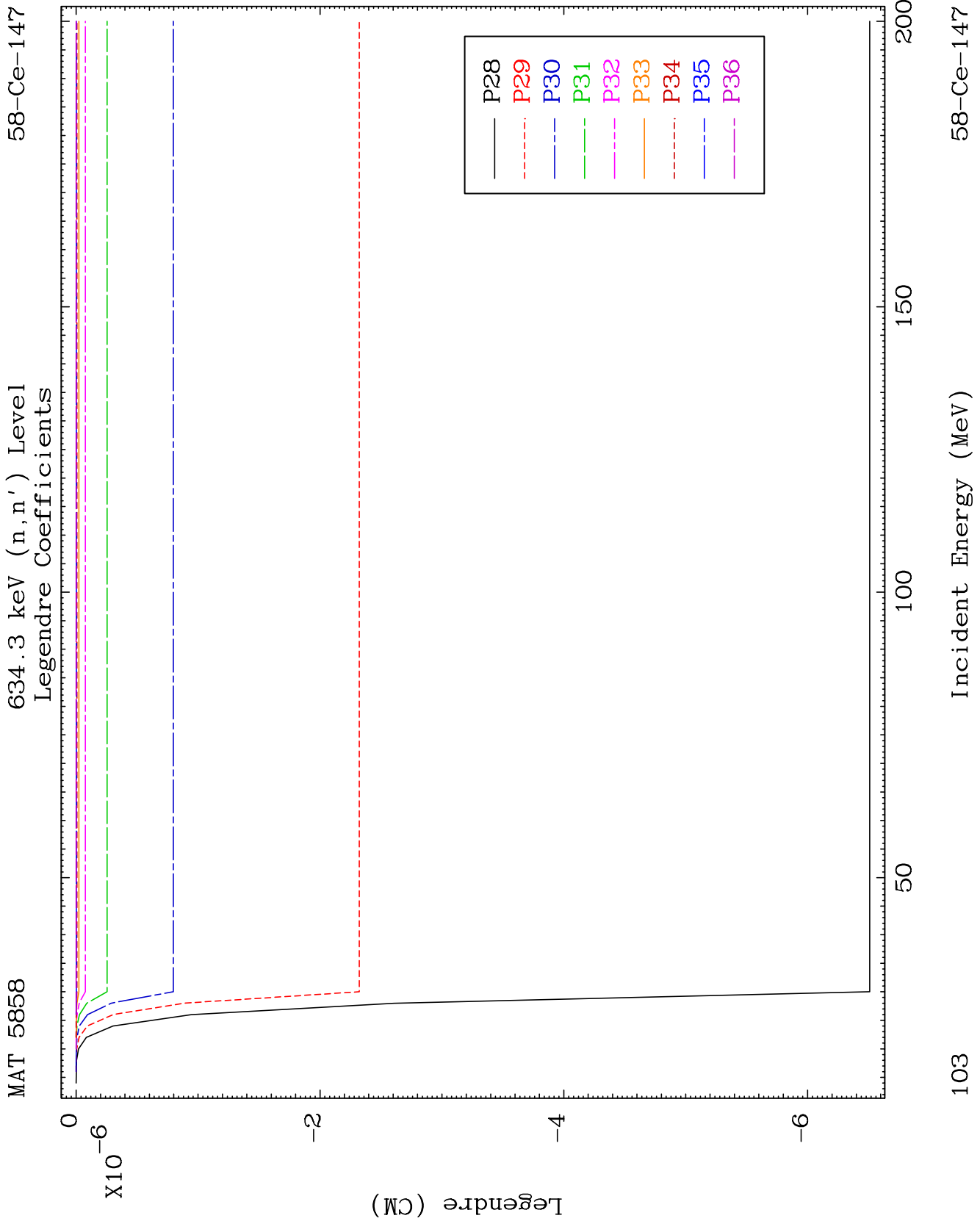
58-Ce-147



102

Incident Energy (MeV)

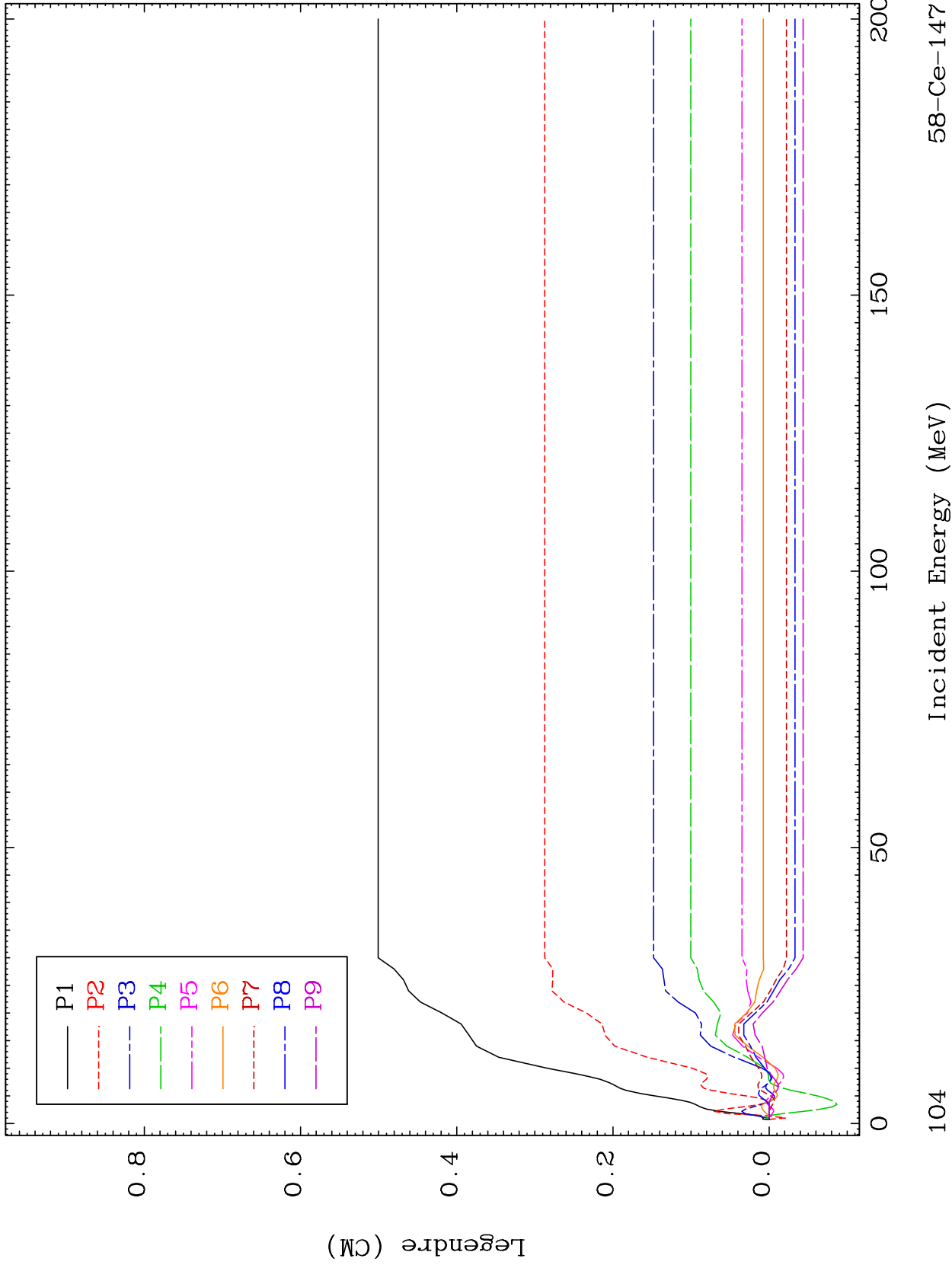
58-Ce-147



MAT 5858

673.1 keV (n,n') Level
Legendre Coefficients

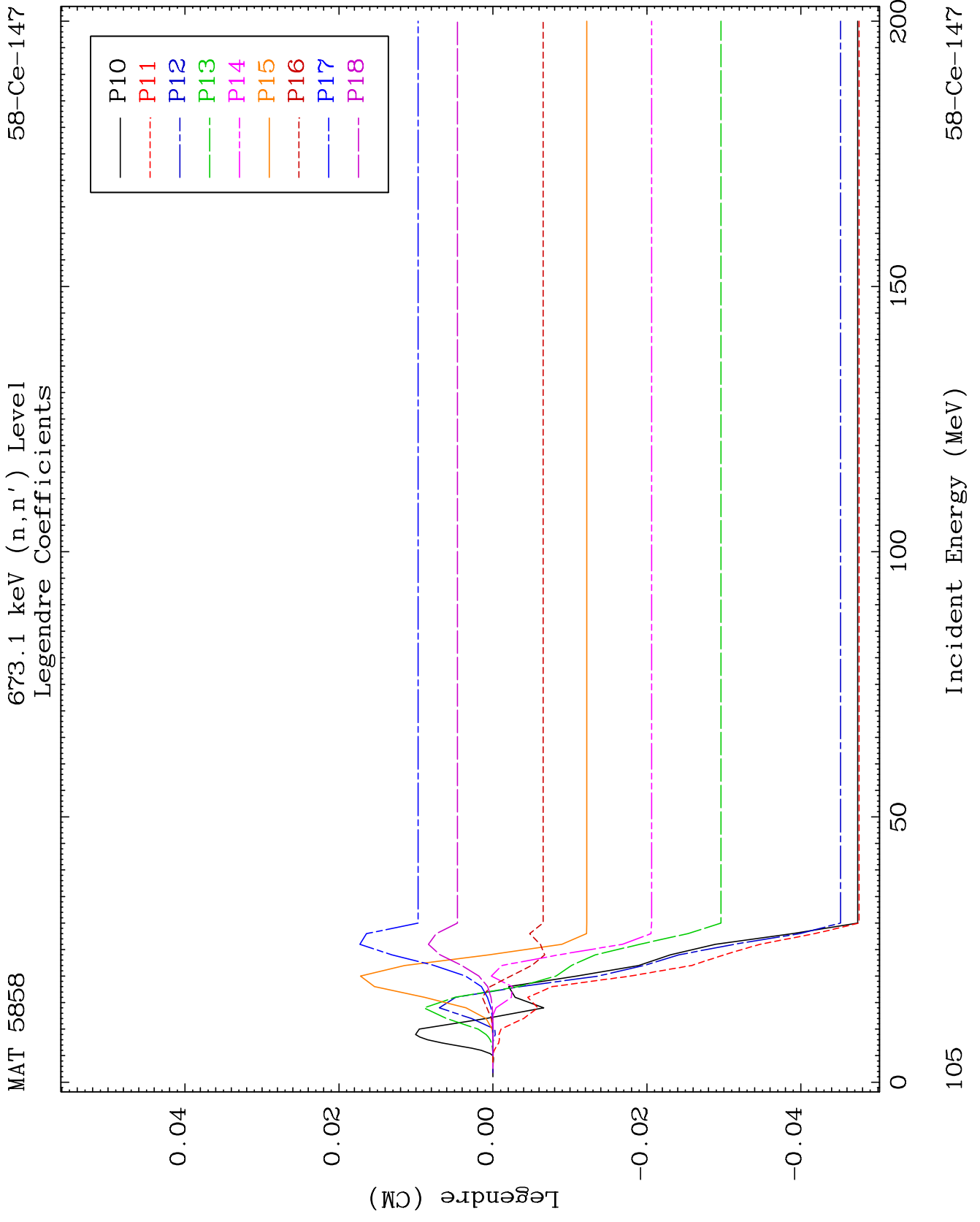
58-Ce-147



58-Ce-147

Incident Energy (MeV)

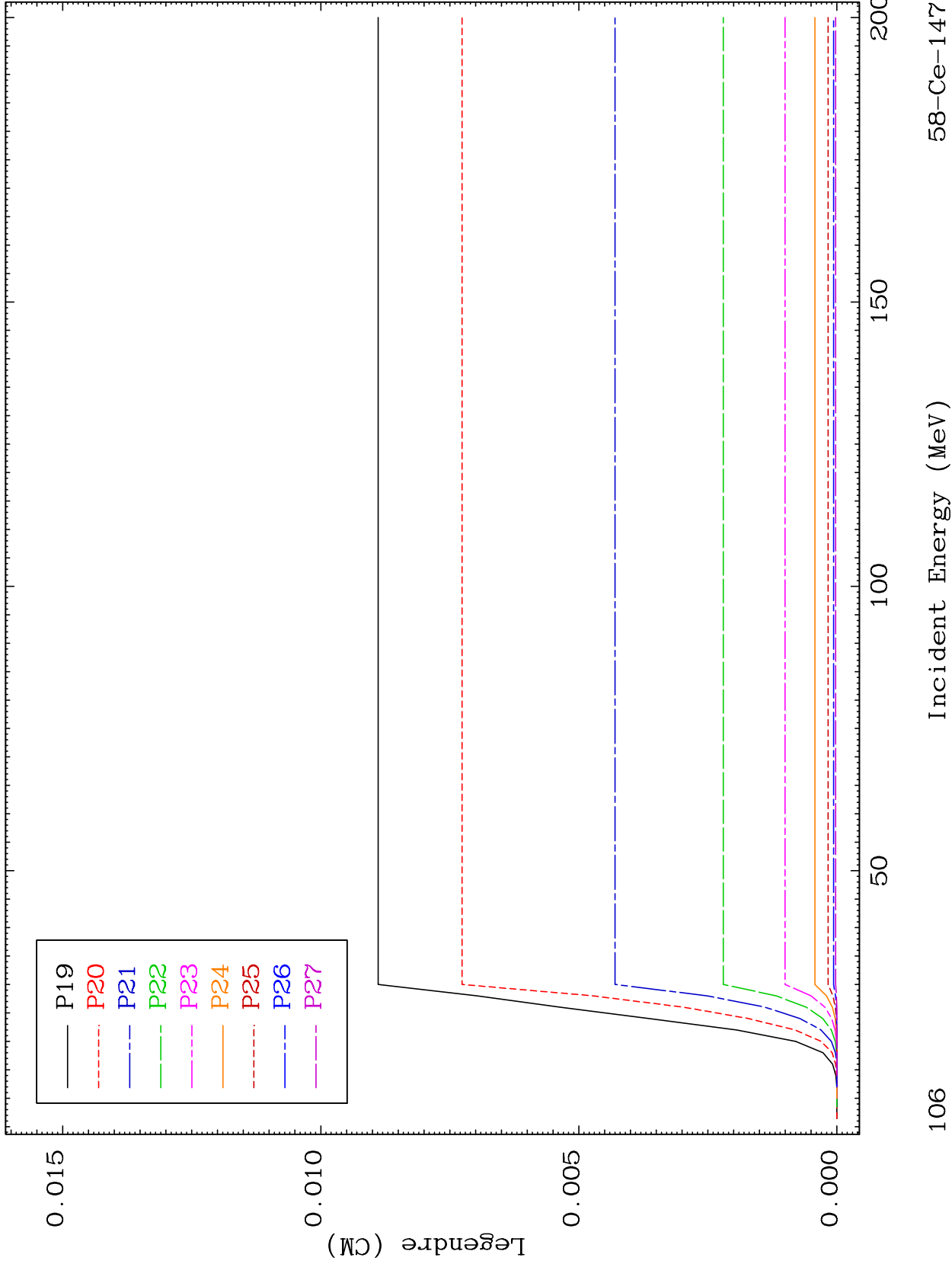
104



MAT 5858

673.1 keV (n,n') Level
Legendre Coefficients

58-Ce-147



106

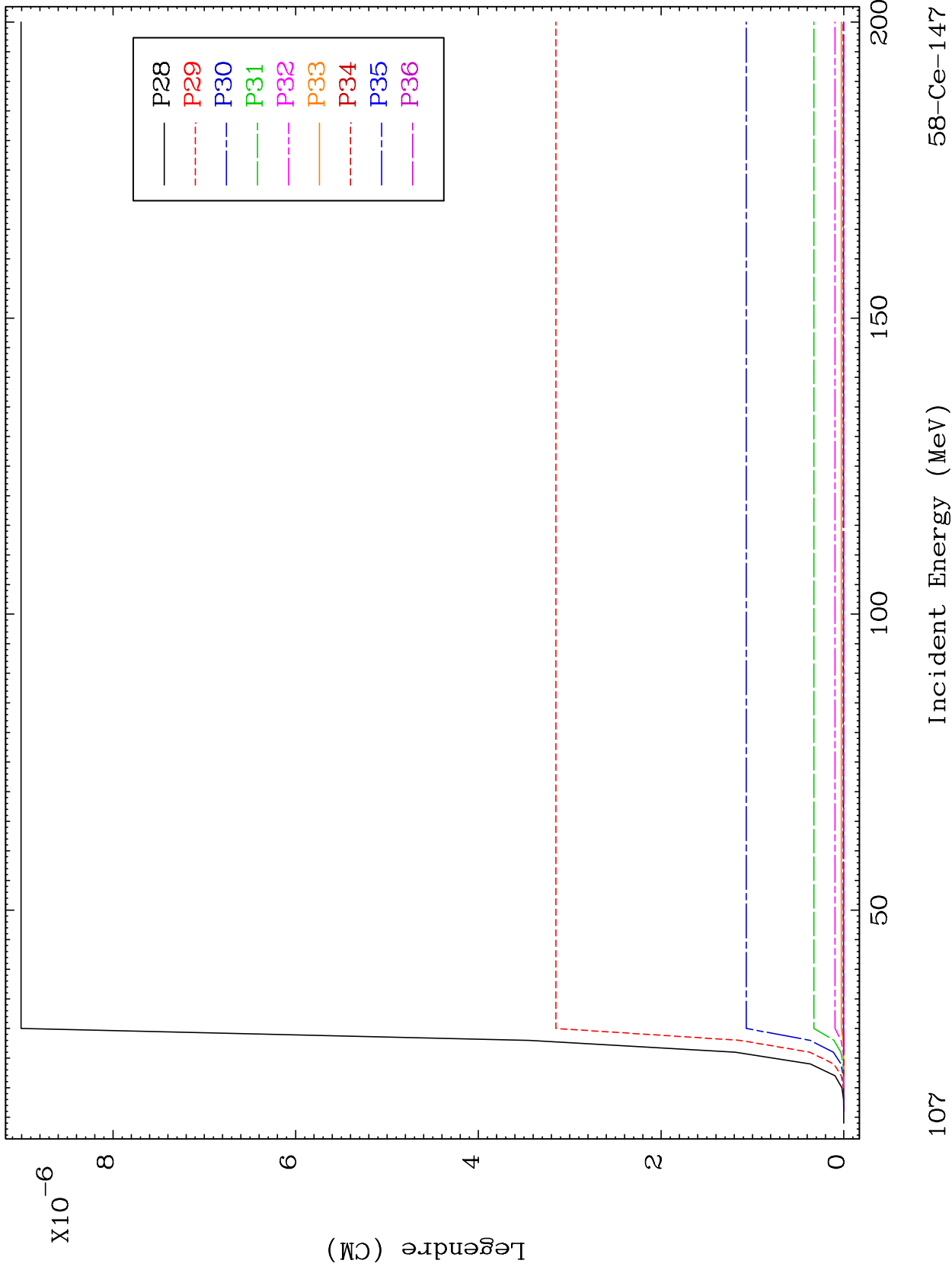
Incident Energy (MeV)

58-Ce-147

MAT 5858

673.1 keV (n,n') Level
Legendre Coefficients

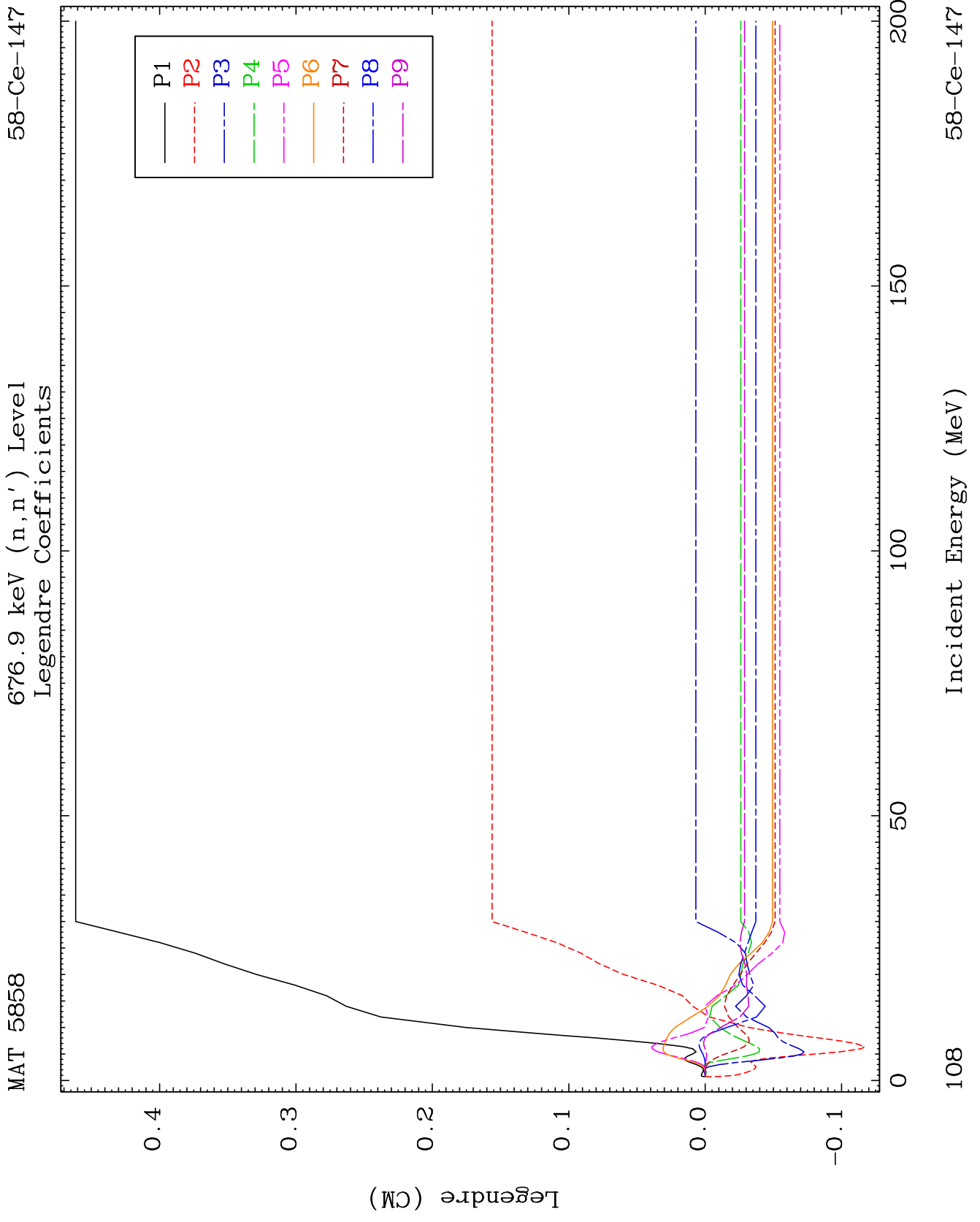
58-Ce-147



107

Incident Energy (MeV)

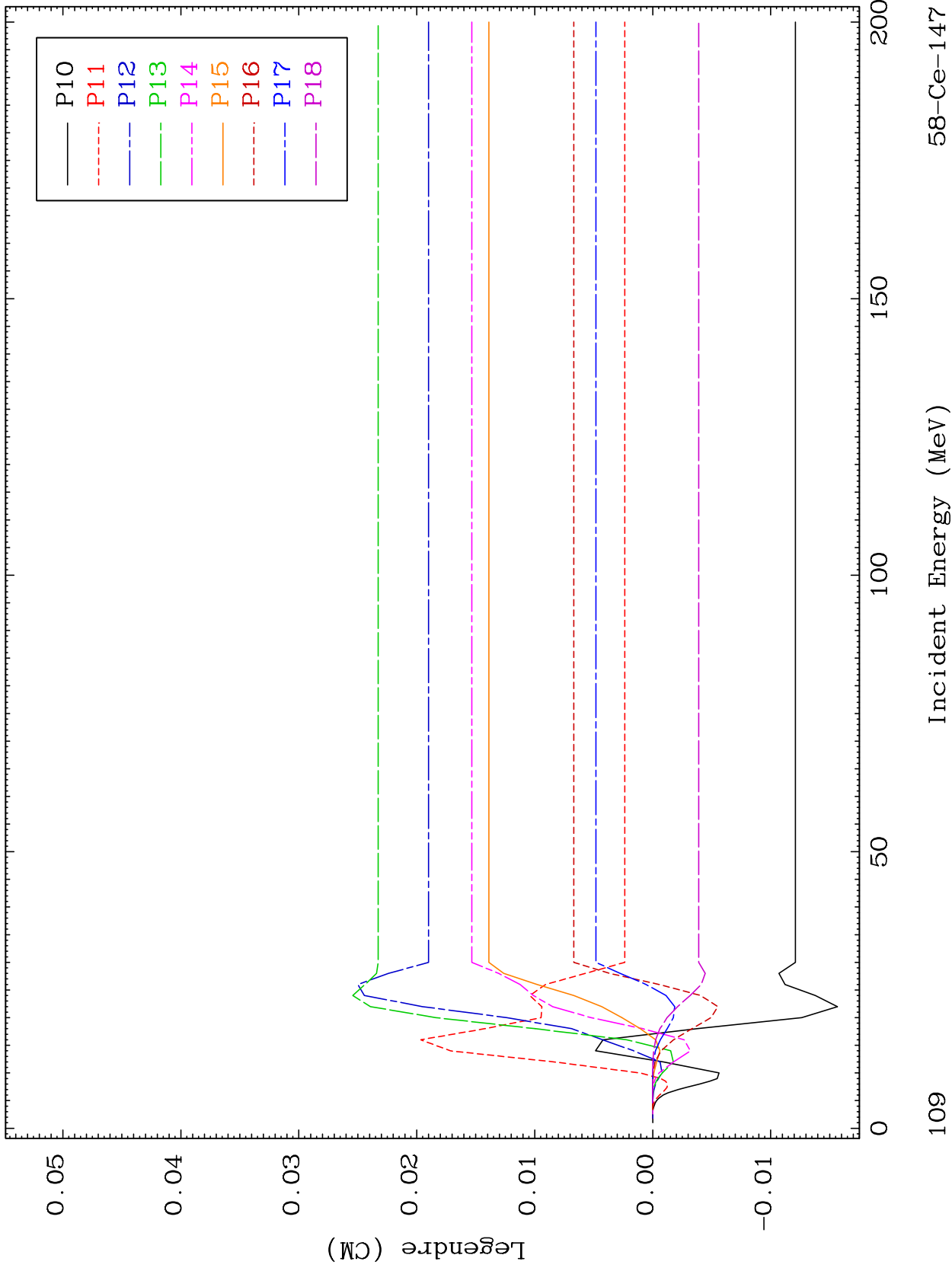
58-Ce-147

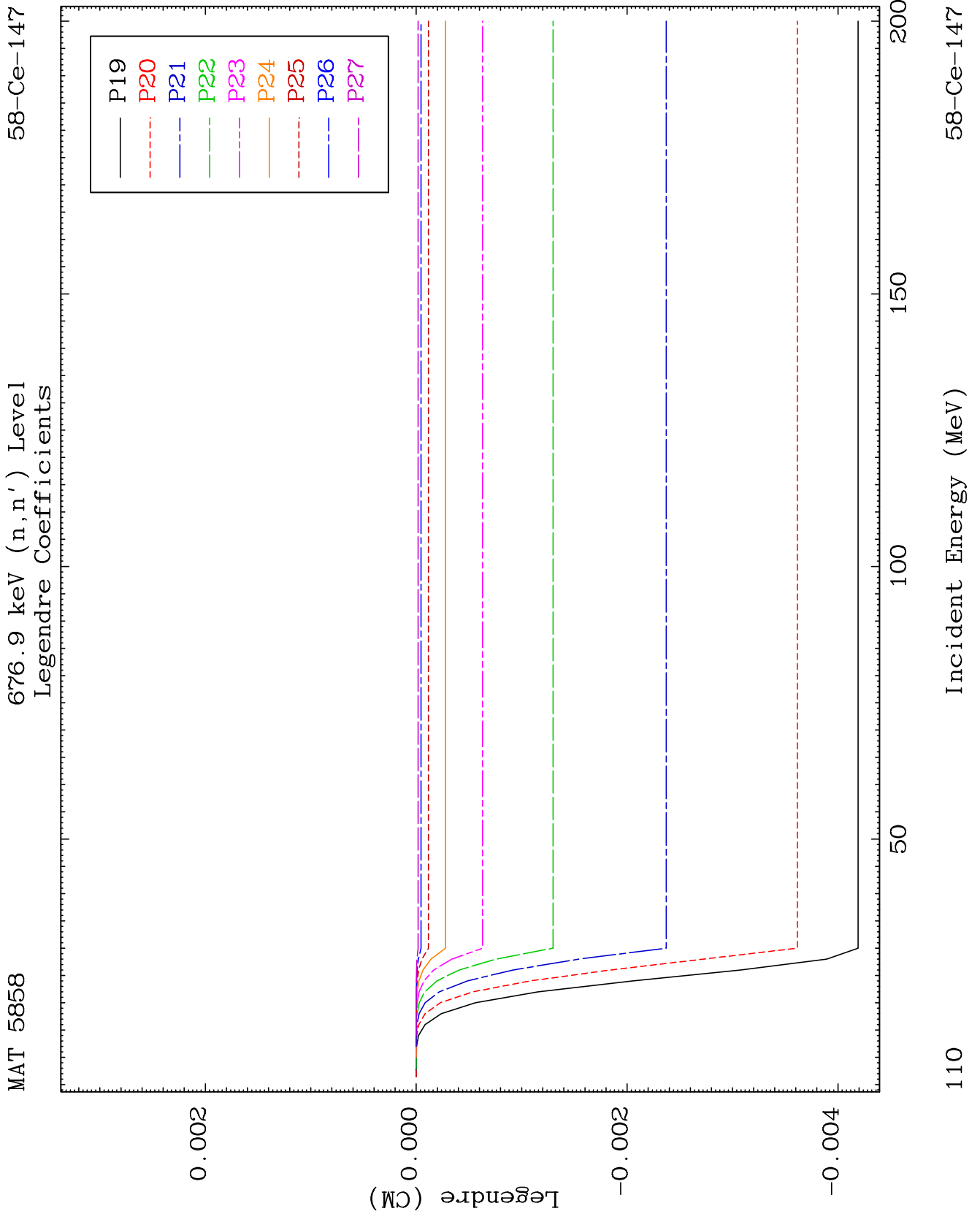


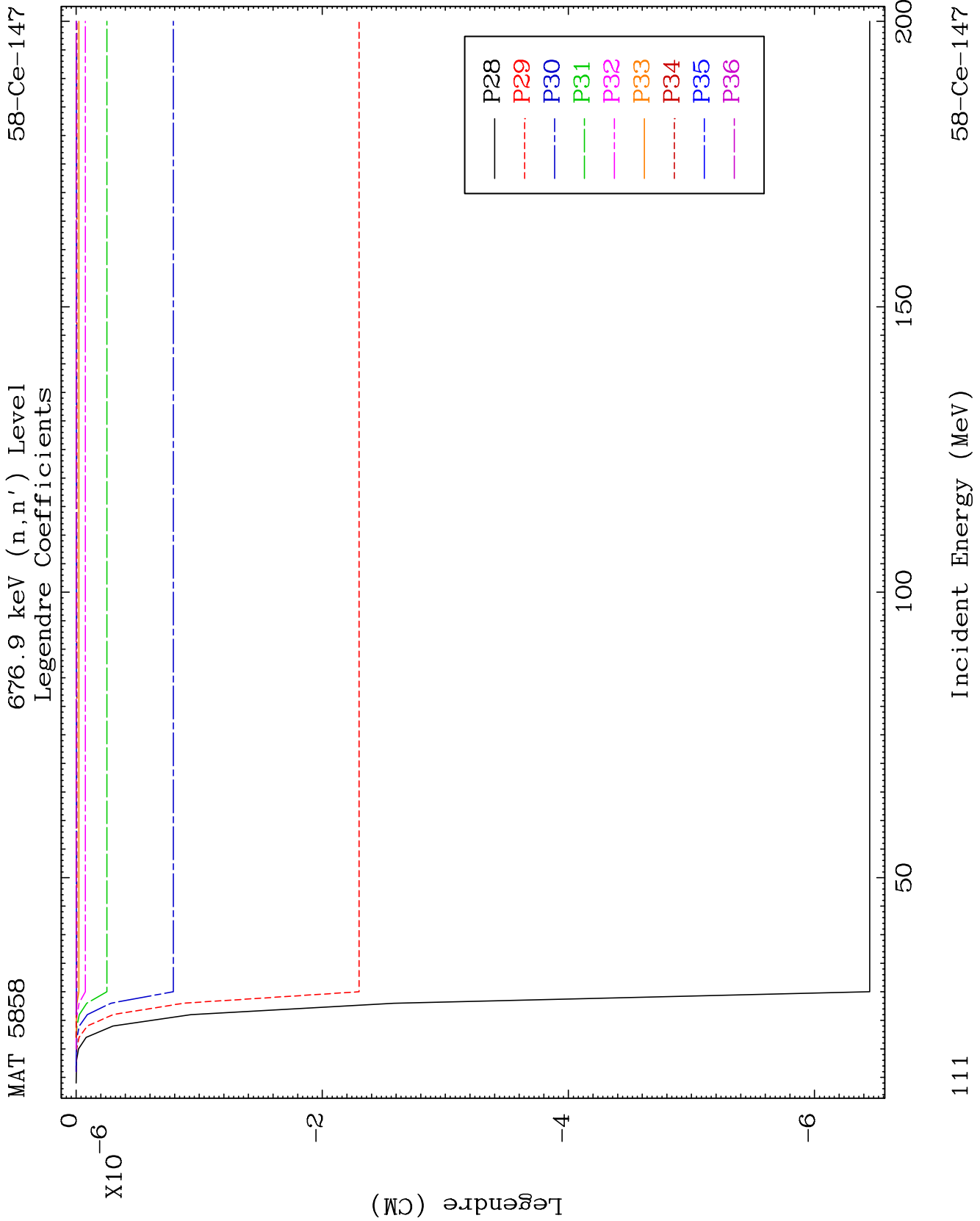
MAT 5858

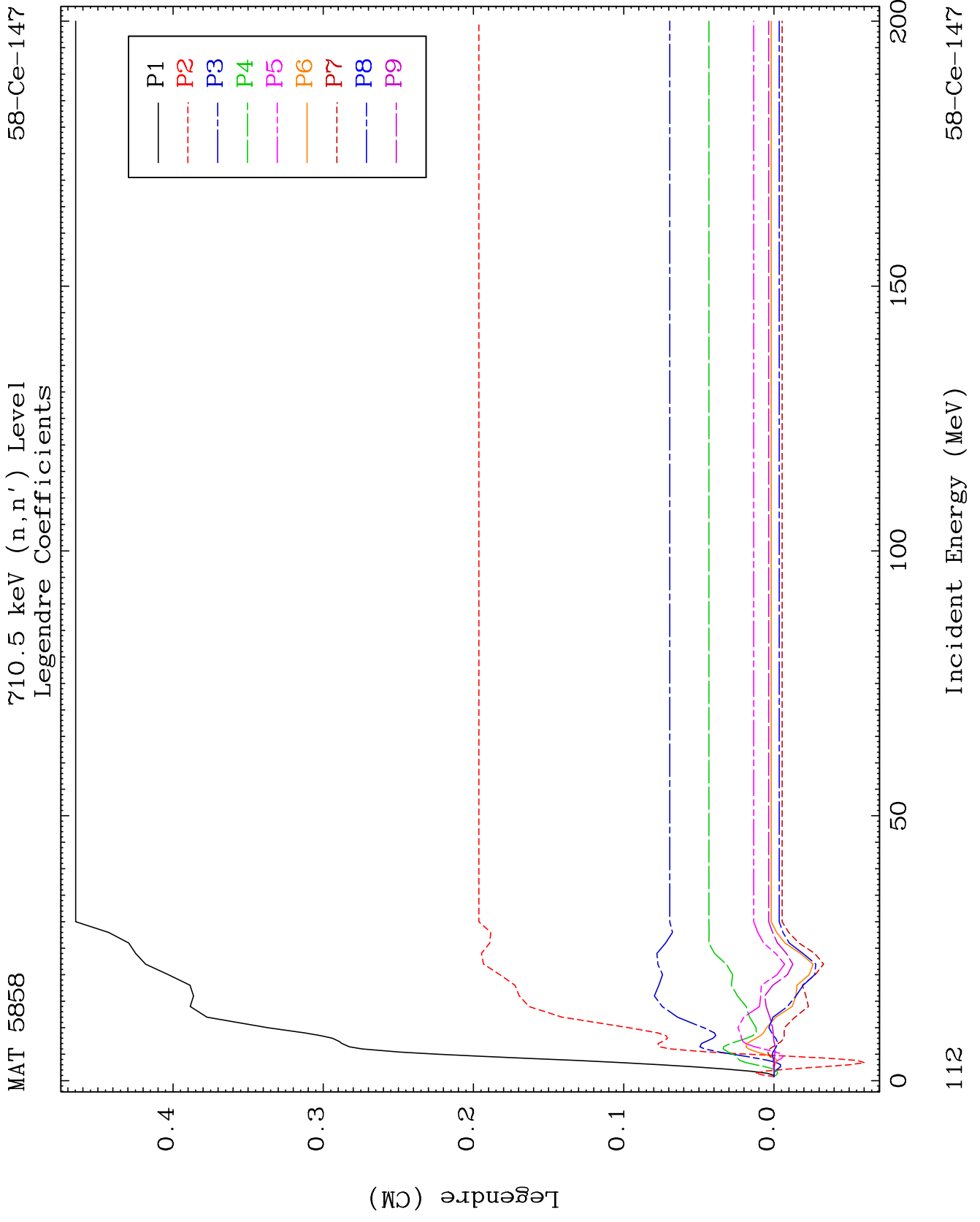
676.9 keV (n,n') Level
Legendre Coefficients

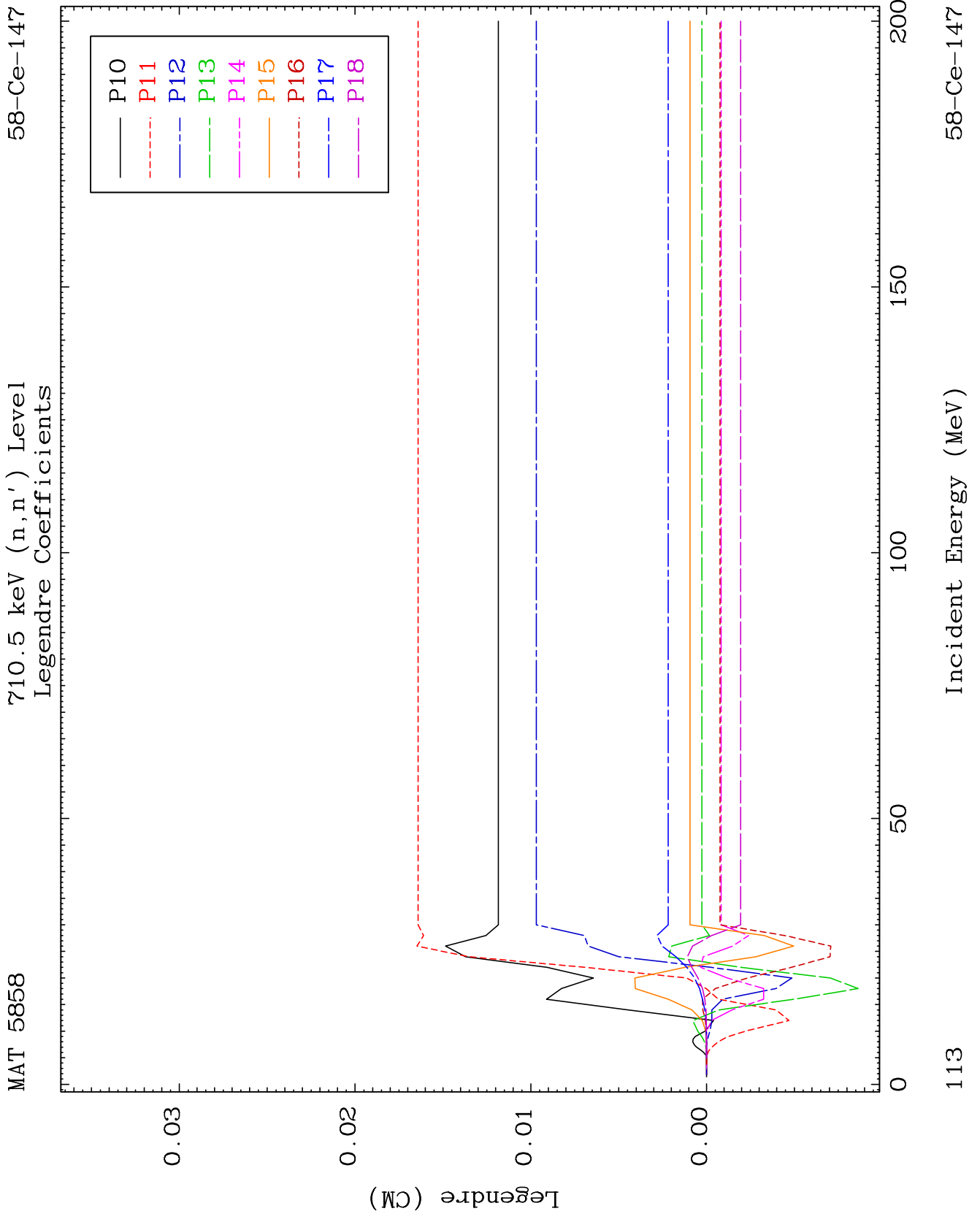
58-Ce-147







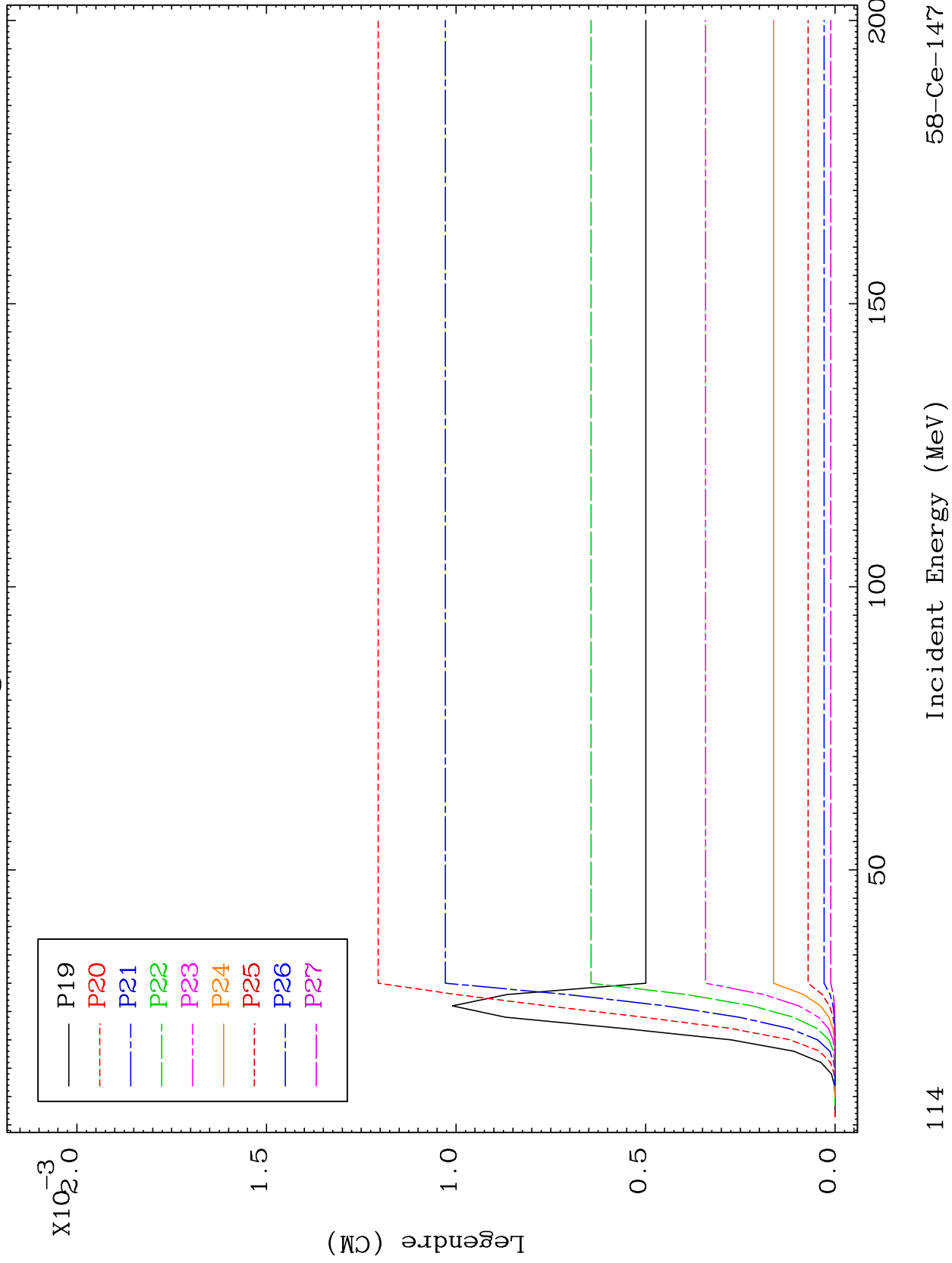


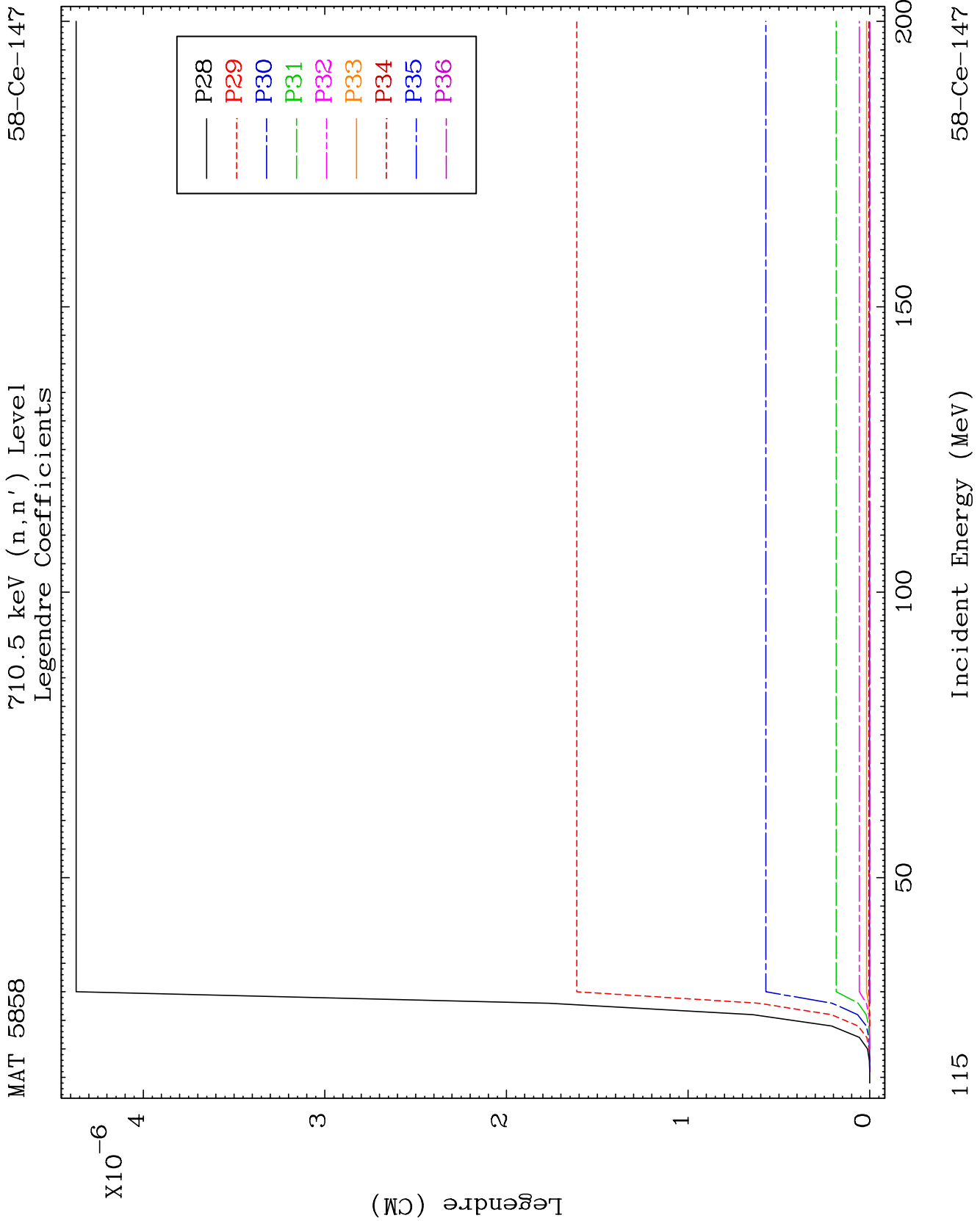


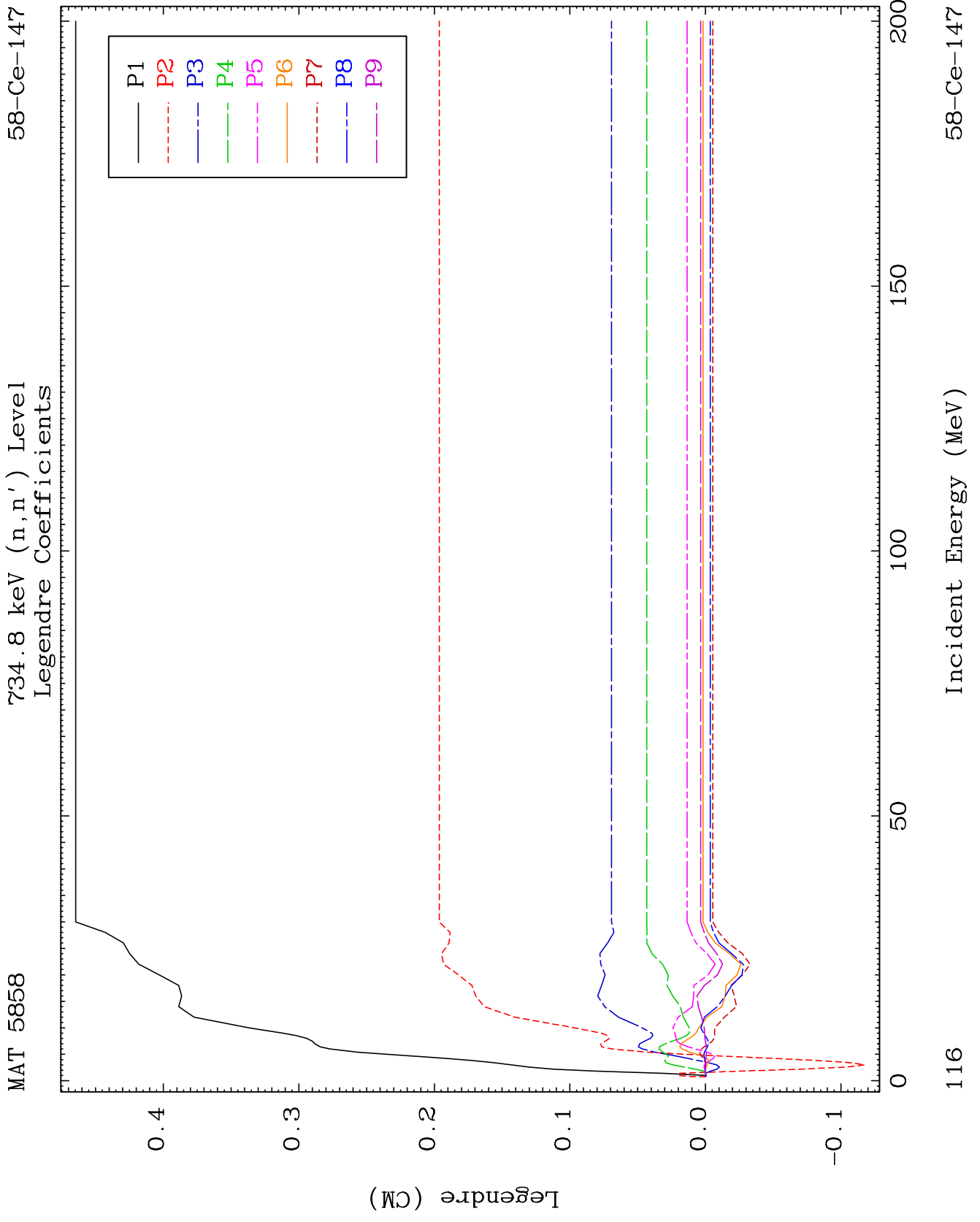
MAT 5858

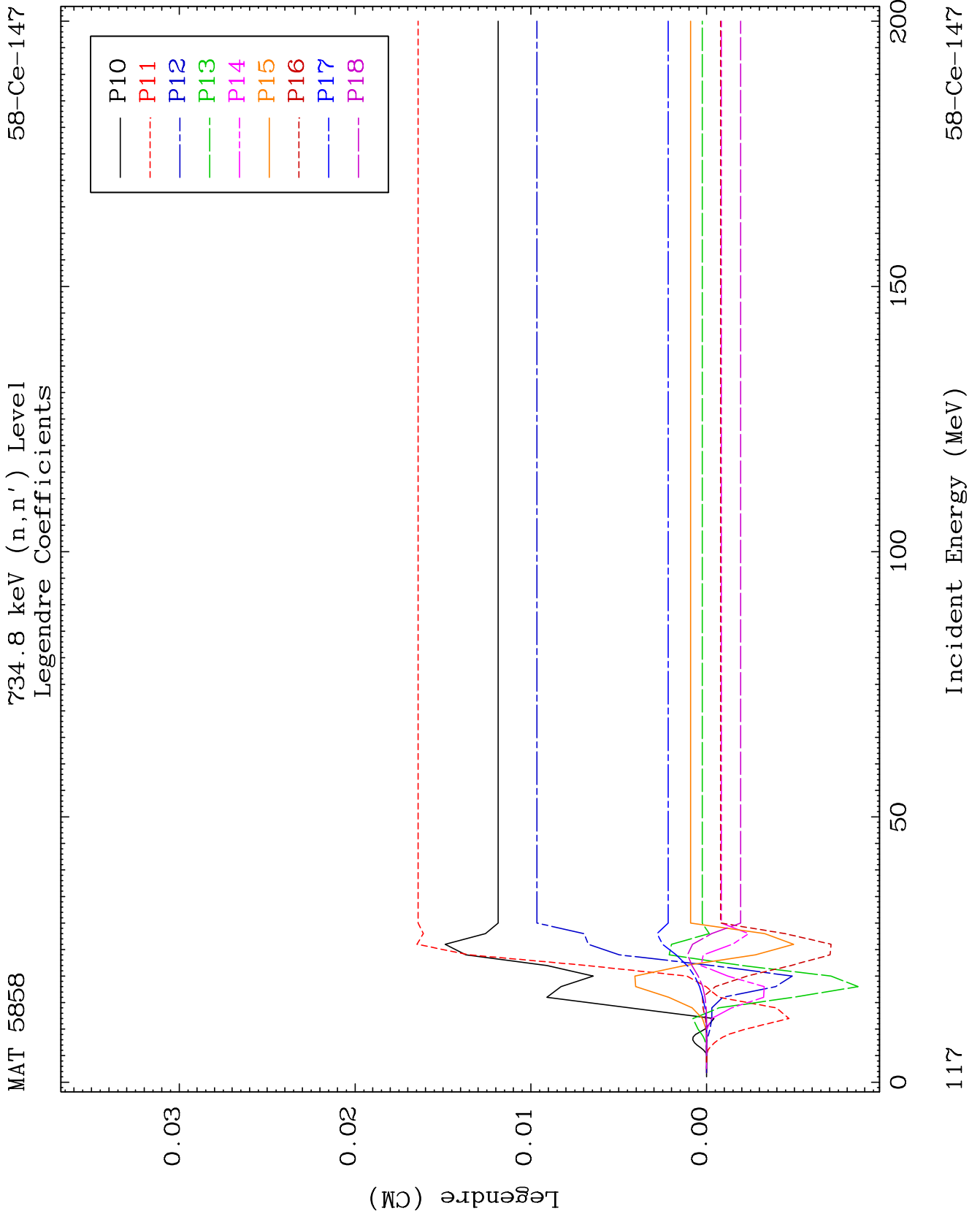
710.5 keV (n, n') Level
Legendre Coefficients

58-Ce-147





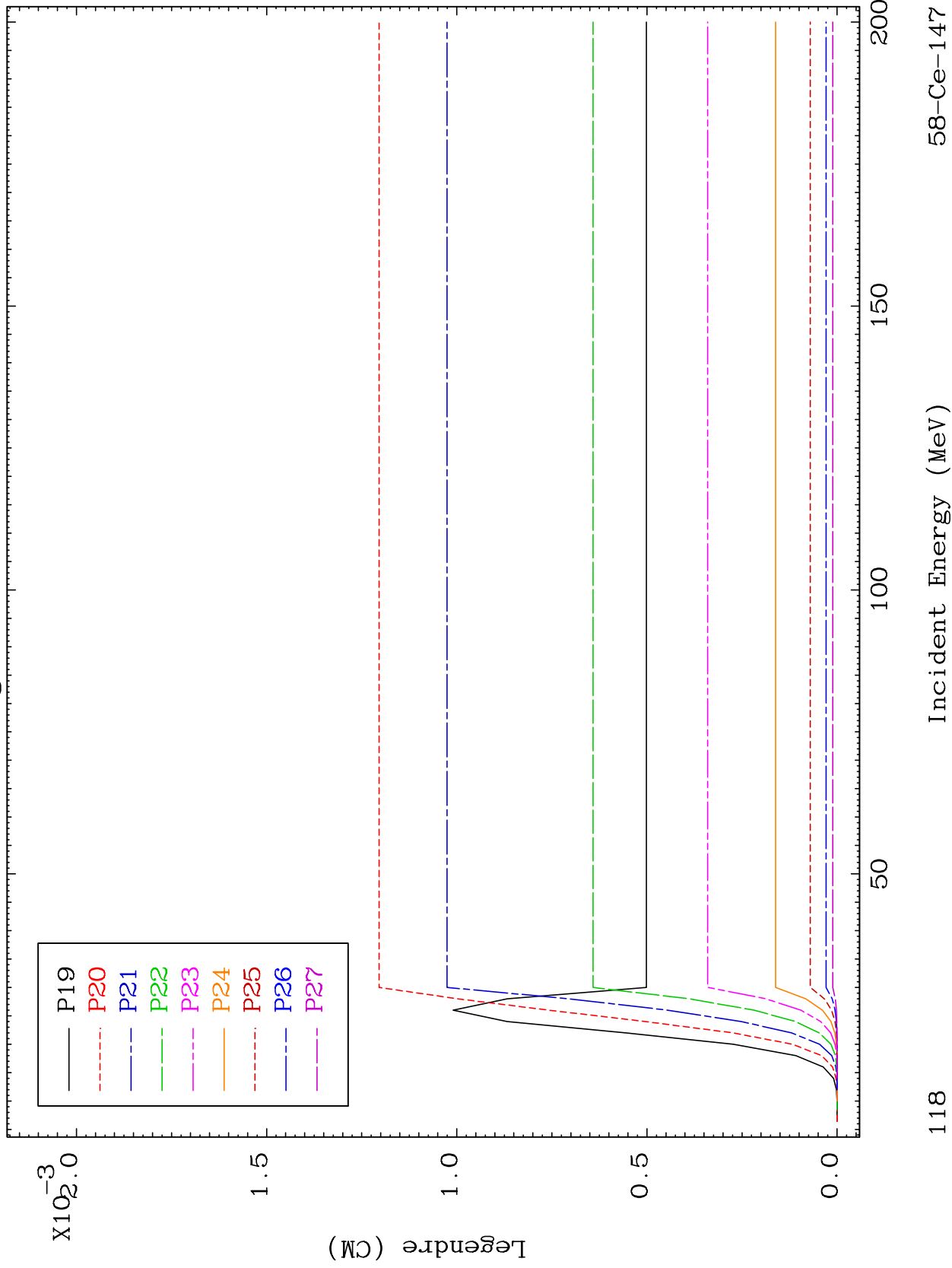


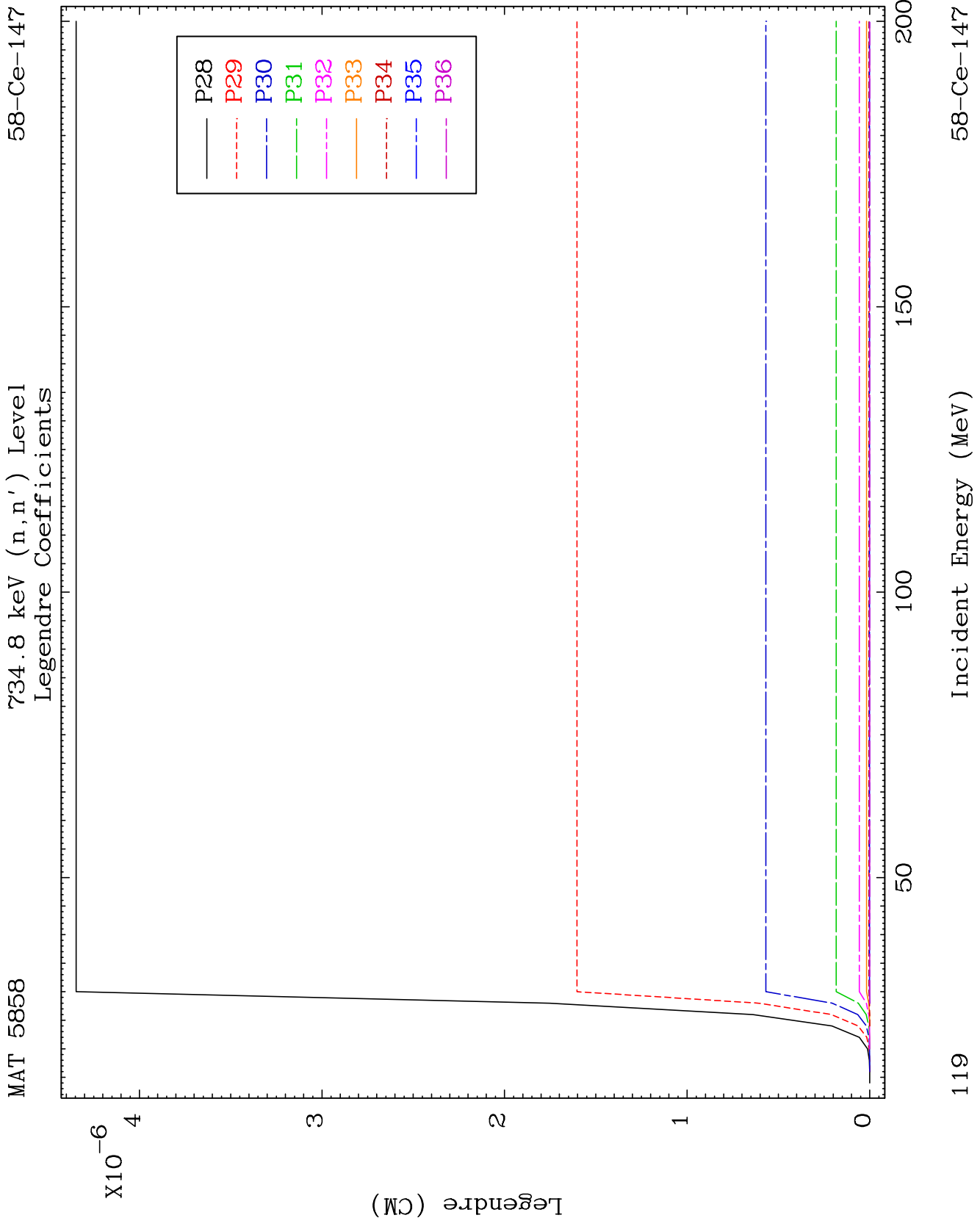


MAT 5858

734.8 keV (n, n') Level
Legendre Coefficients

58-Ce-147

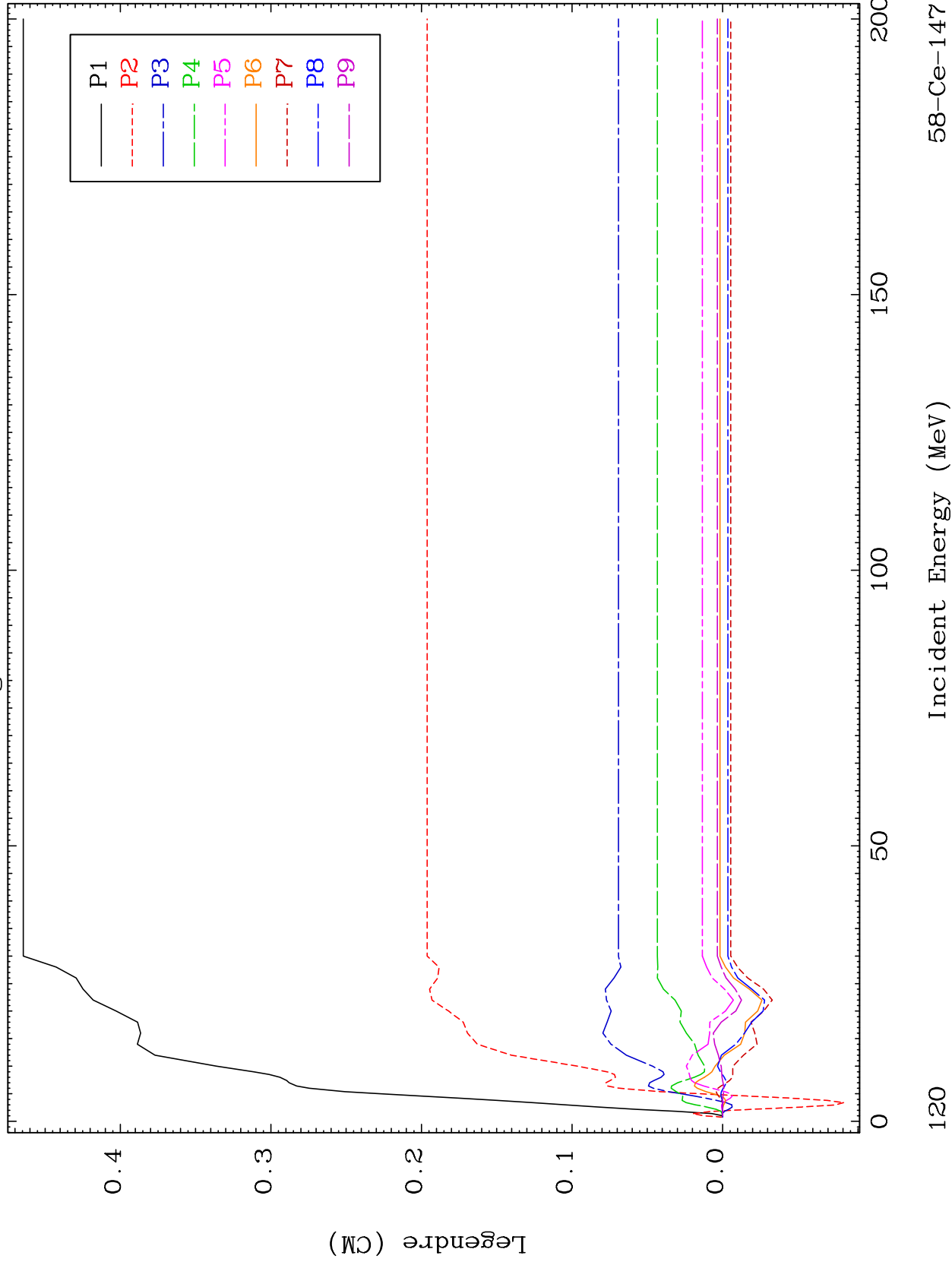




MAT 5858

769.7 keV (n,n') Level
Legendre Coefficients

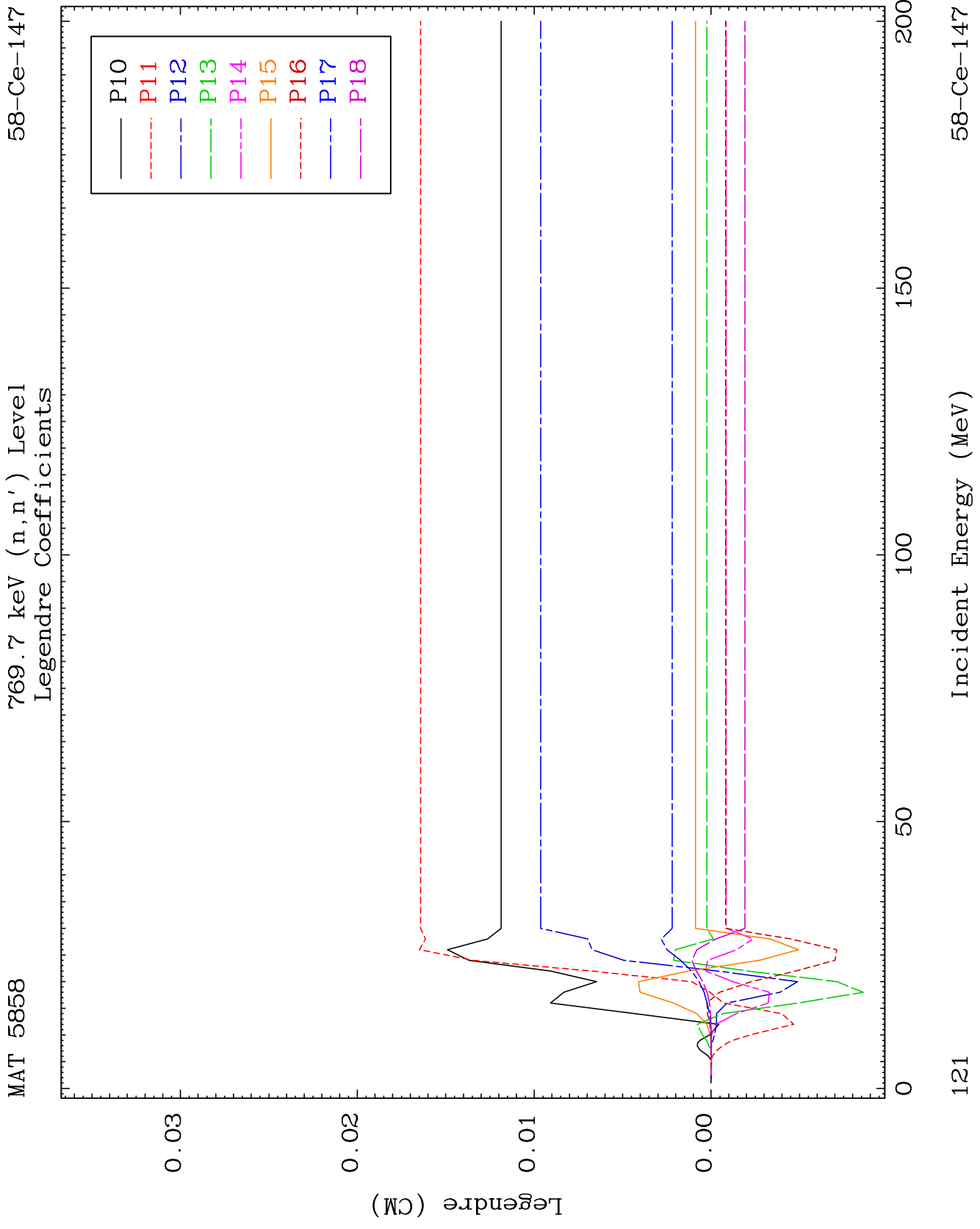
58-Ce-147



58-Ce-147

Incident Energy (MeV)

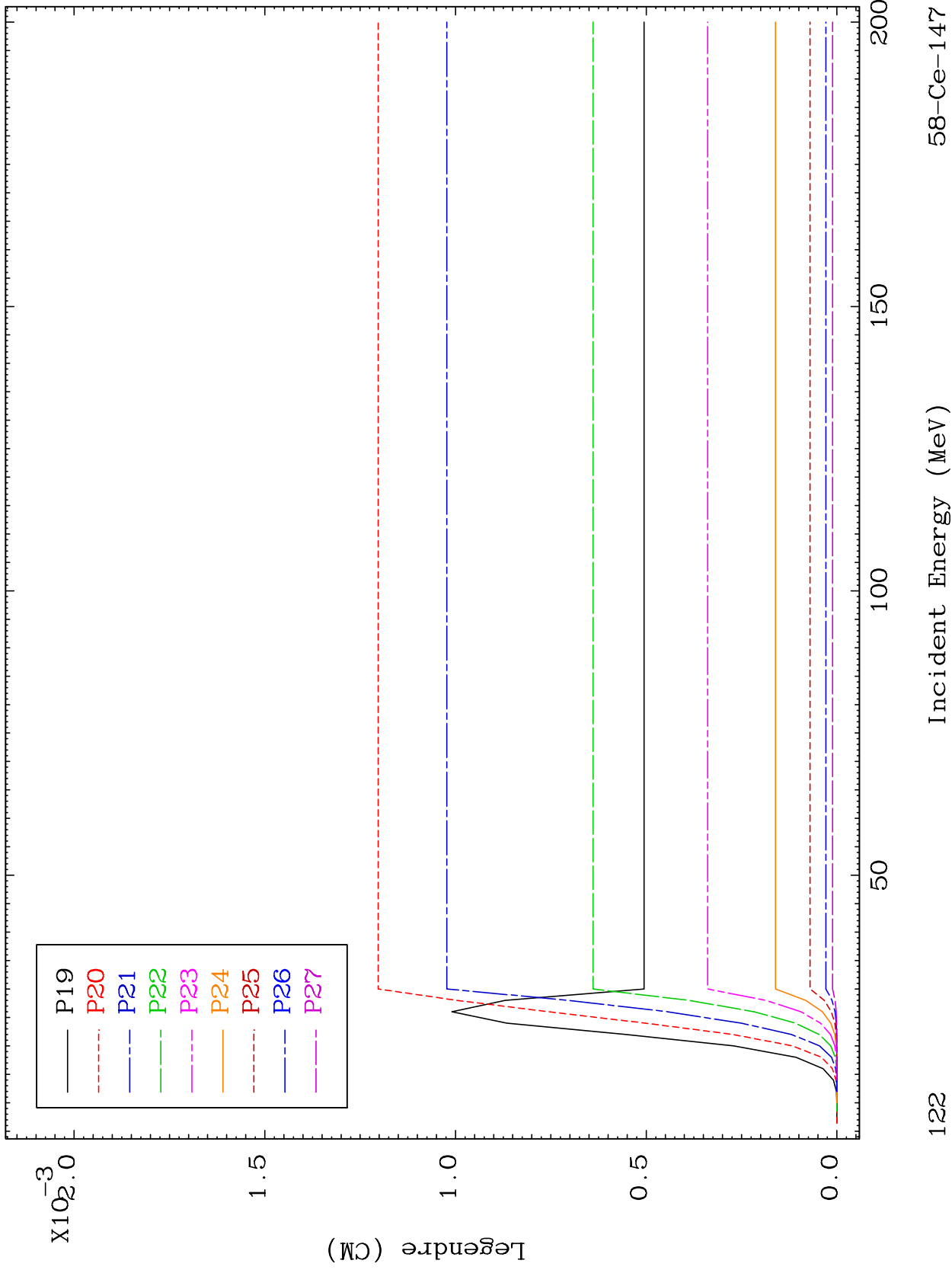
120

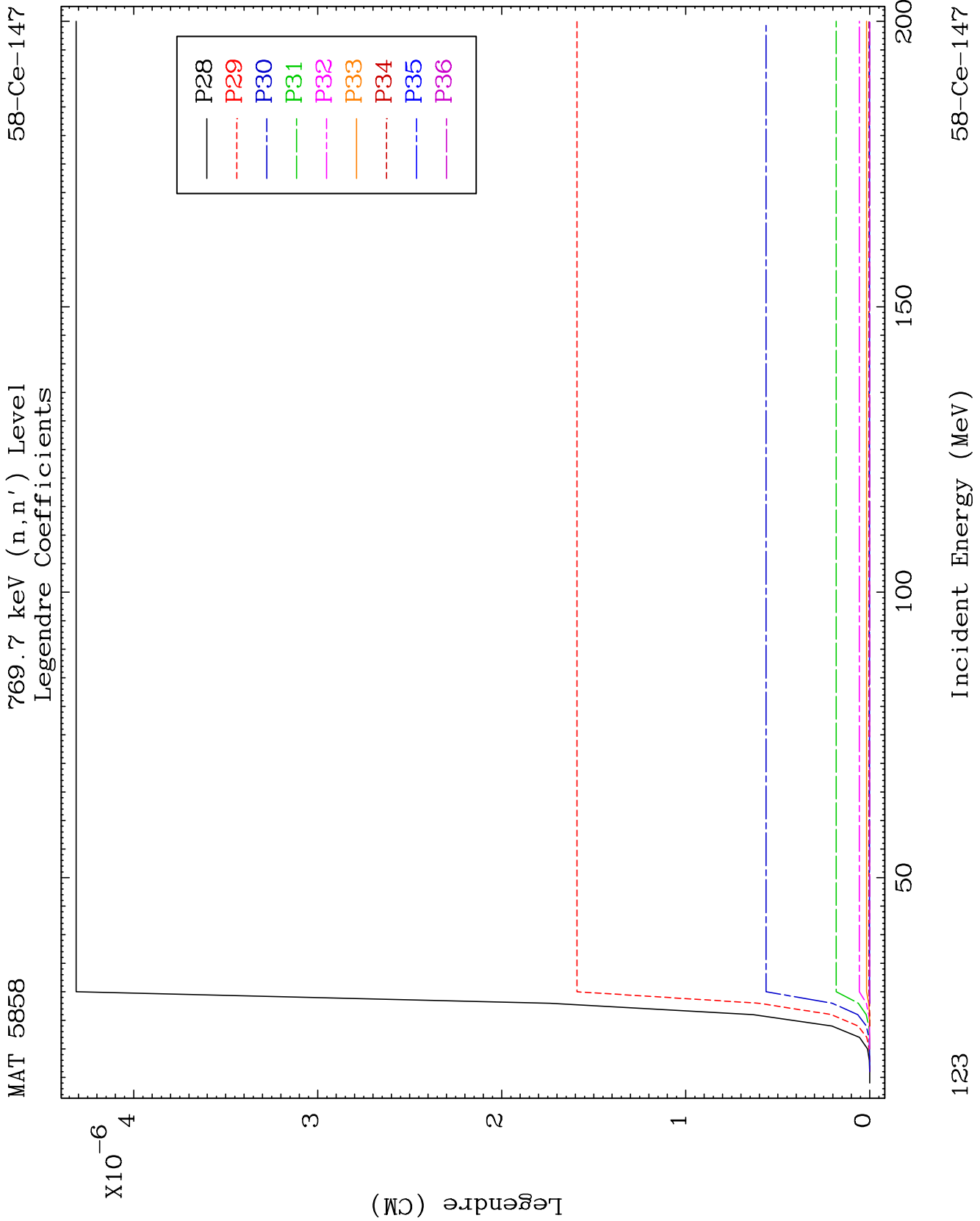


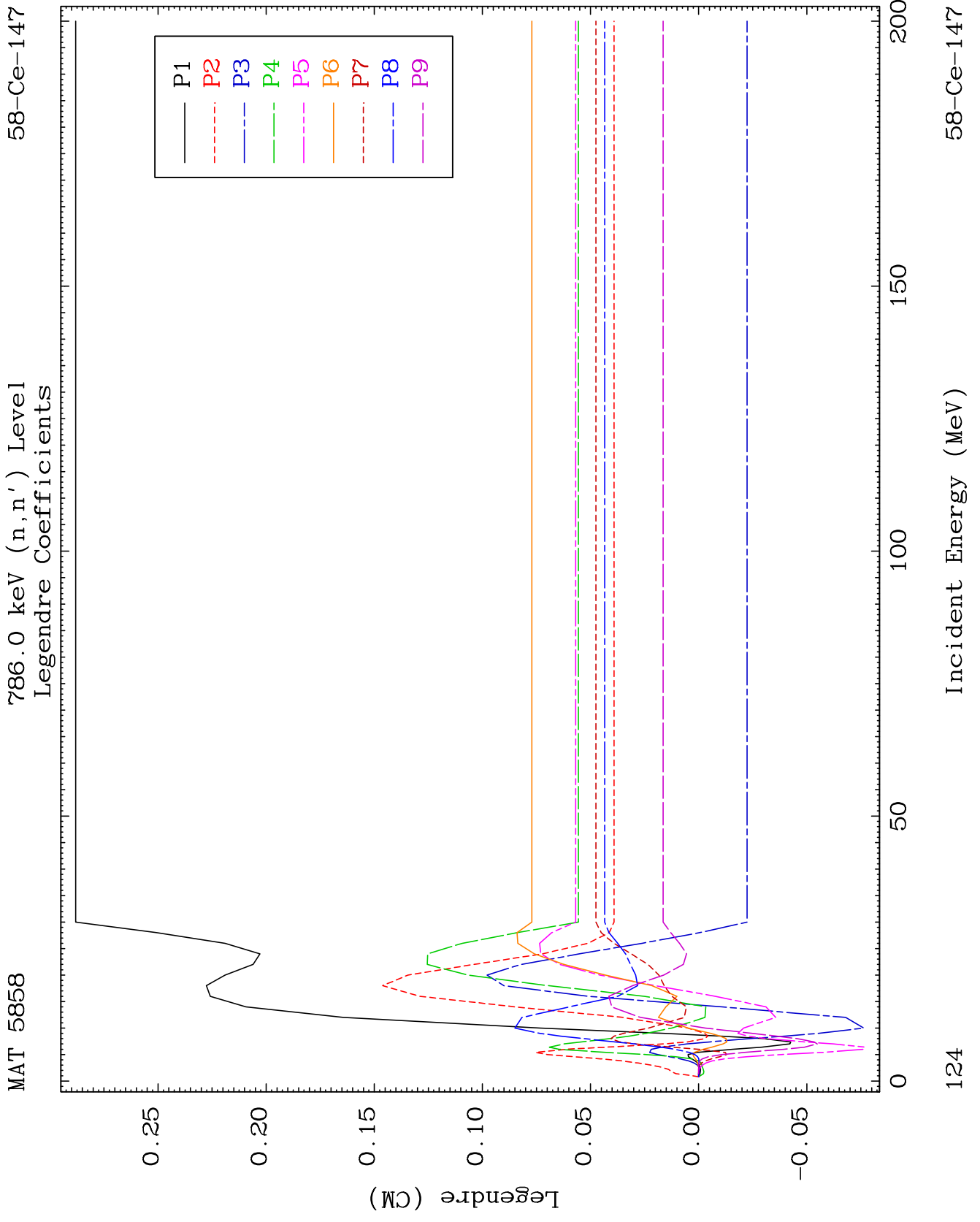
MAT 5858

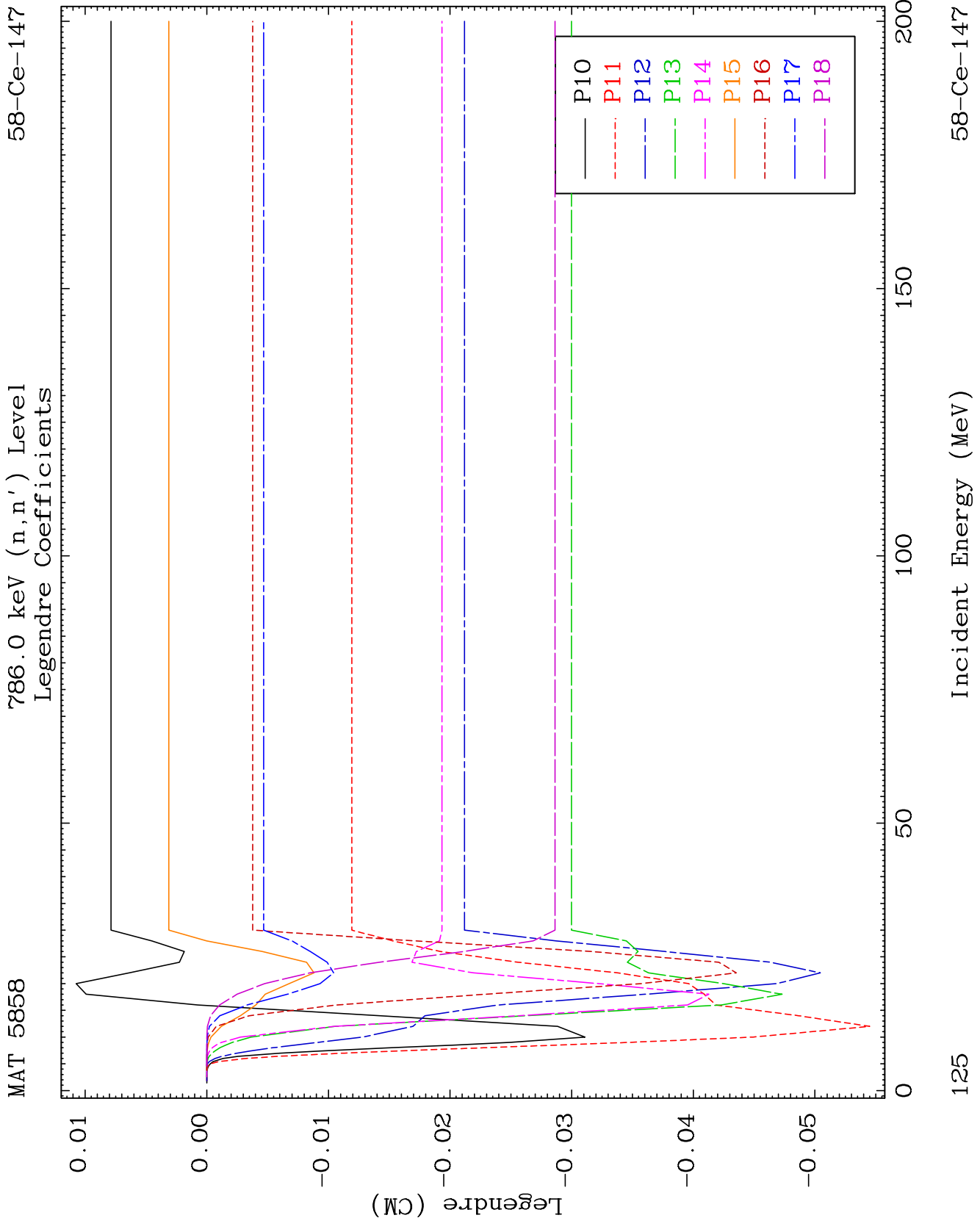
769.7 keV (n, n') Level
Legendre Coefficients

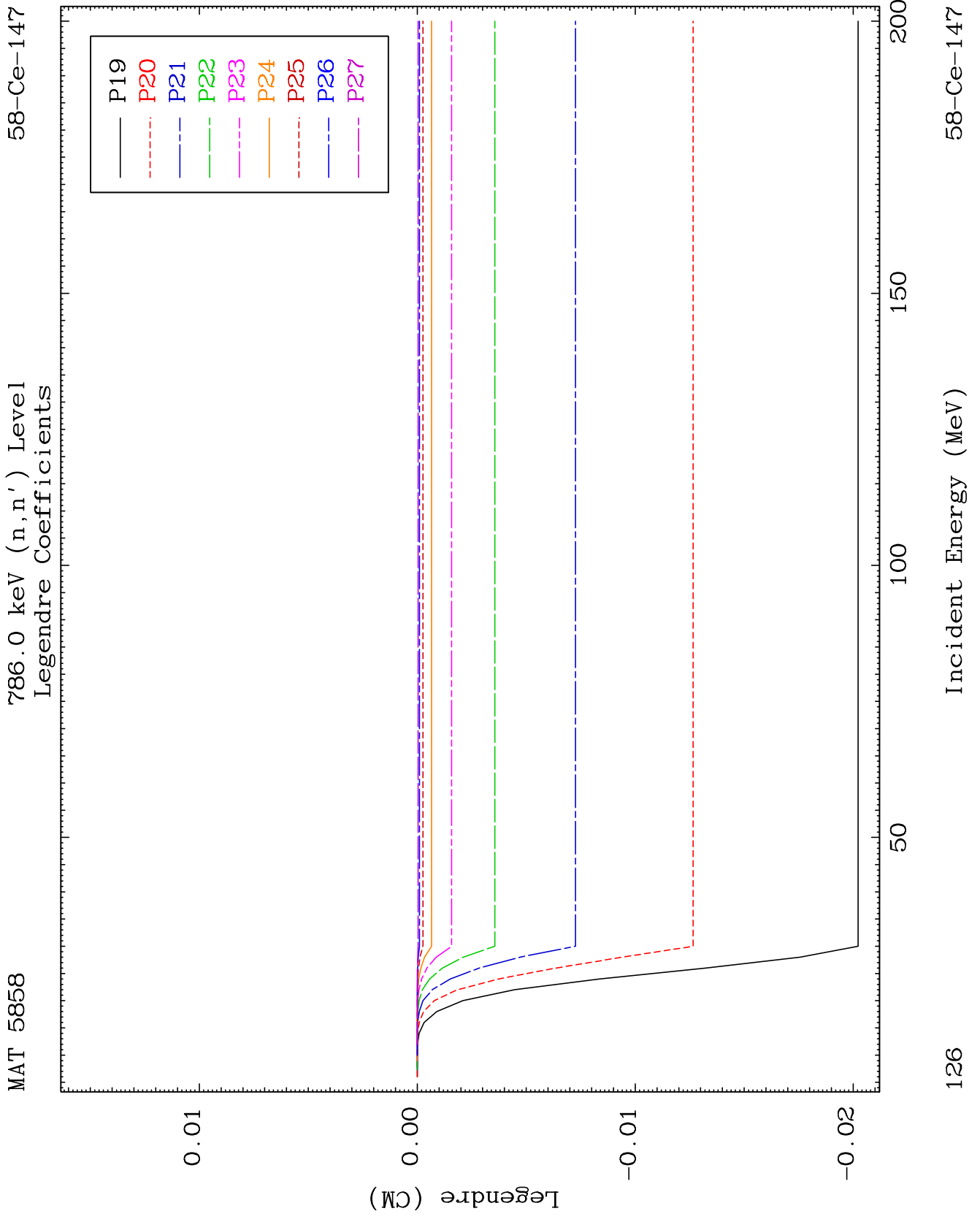
58-Ce-147

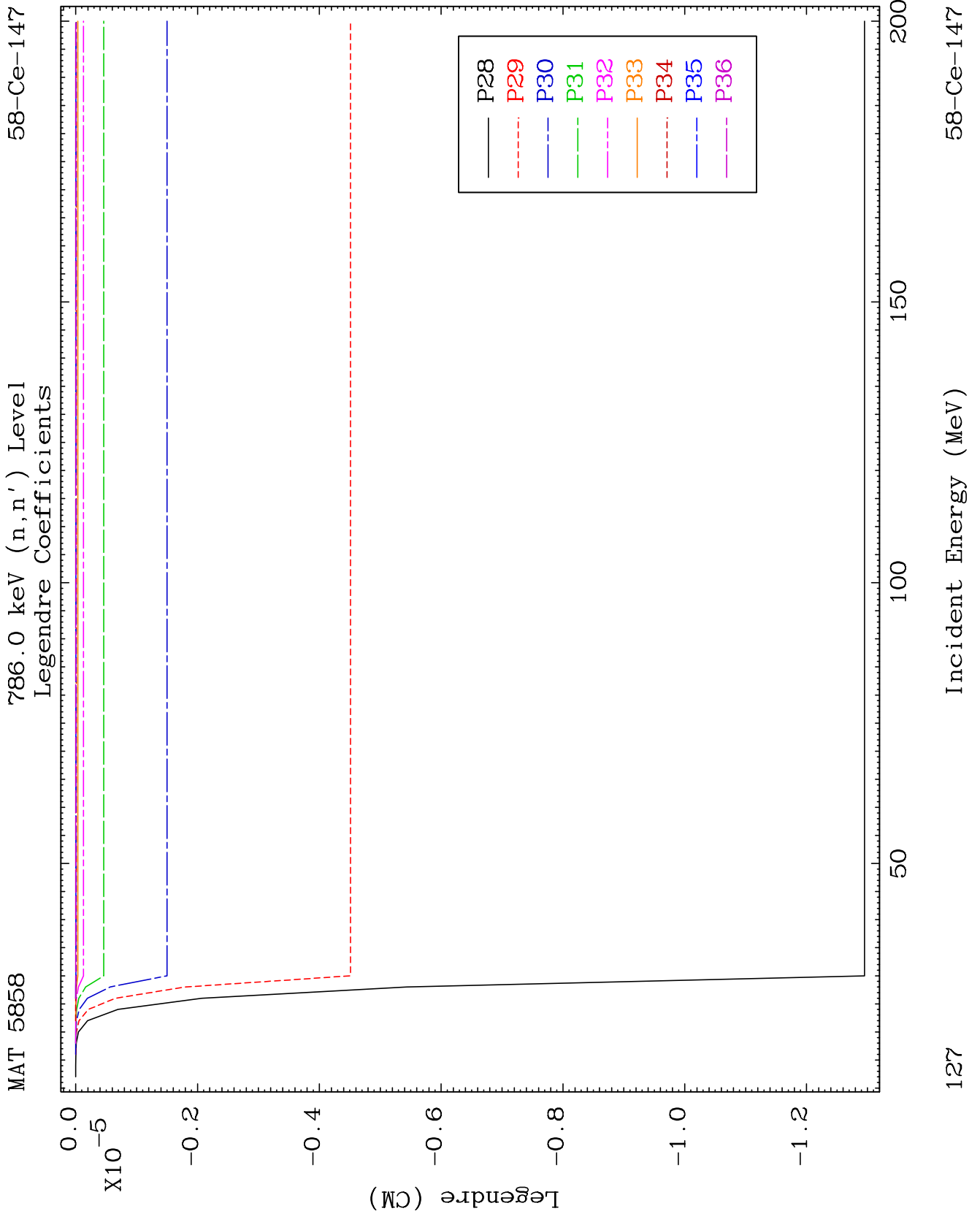


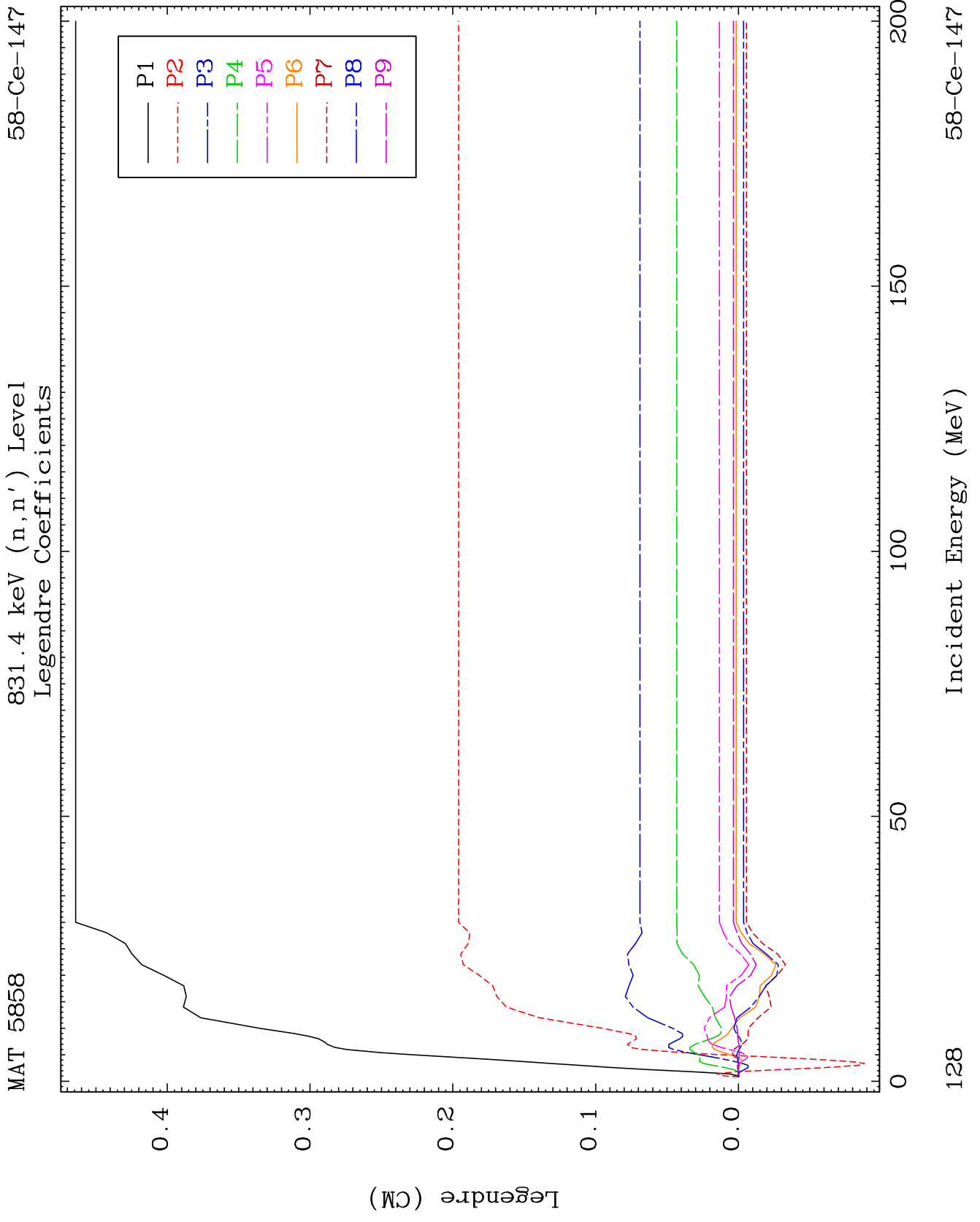


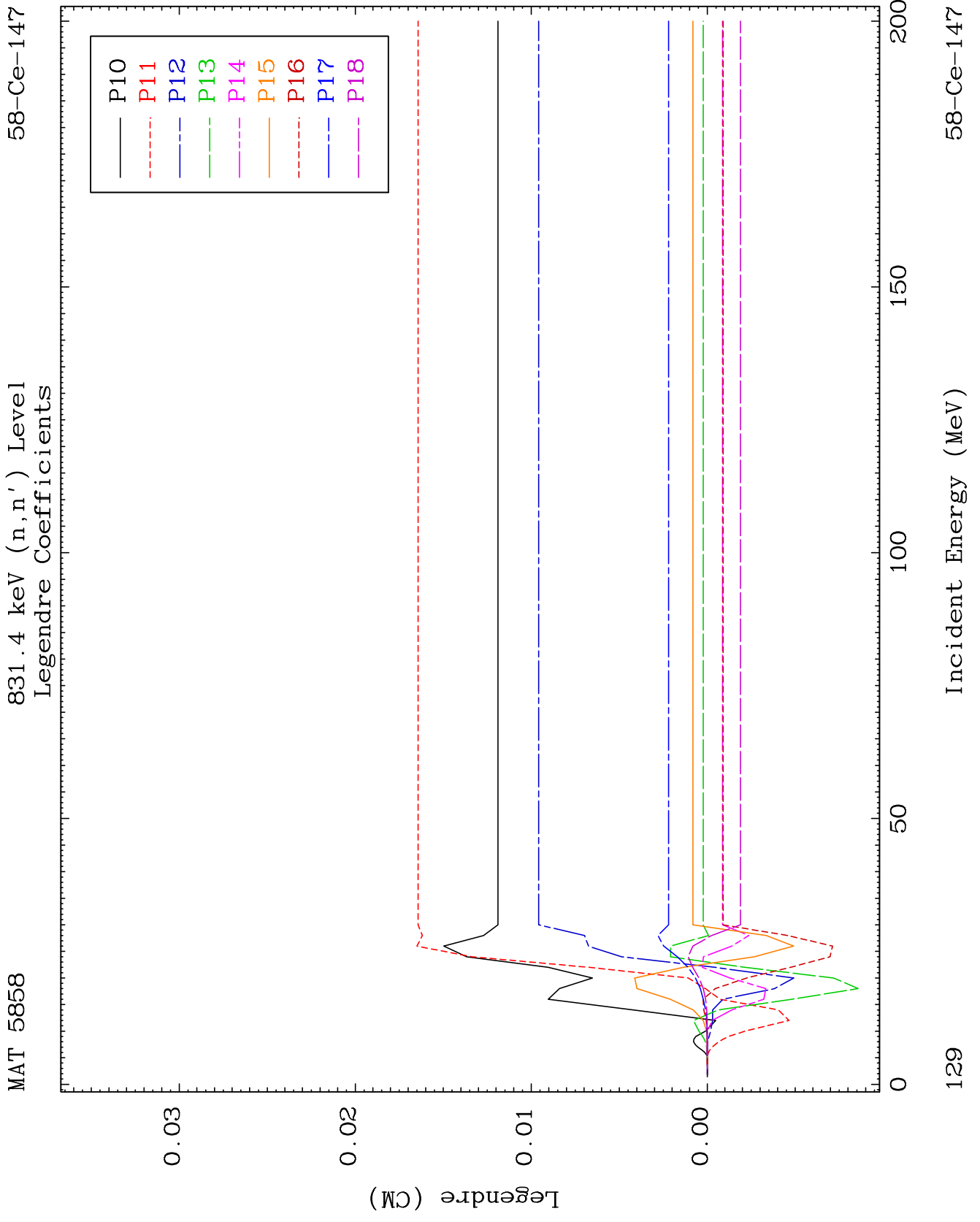








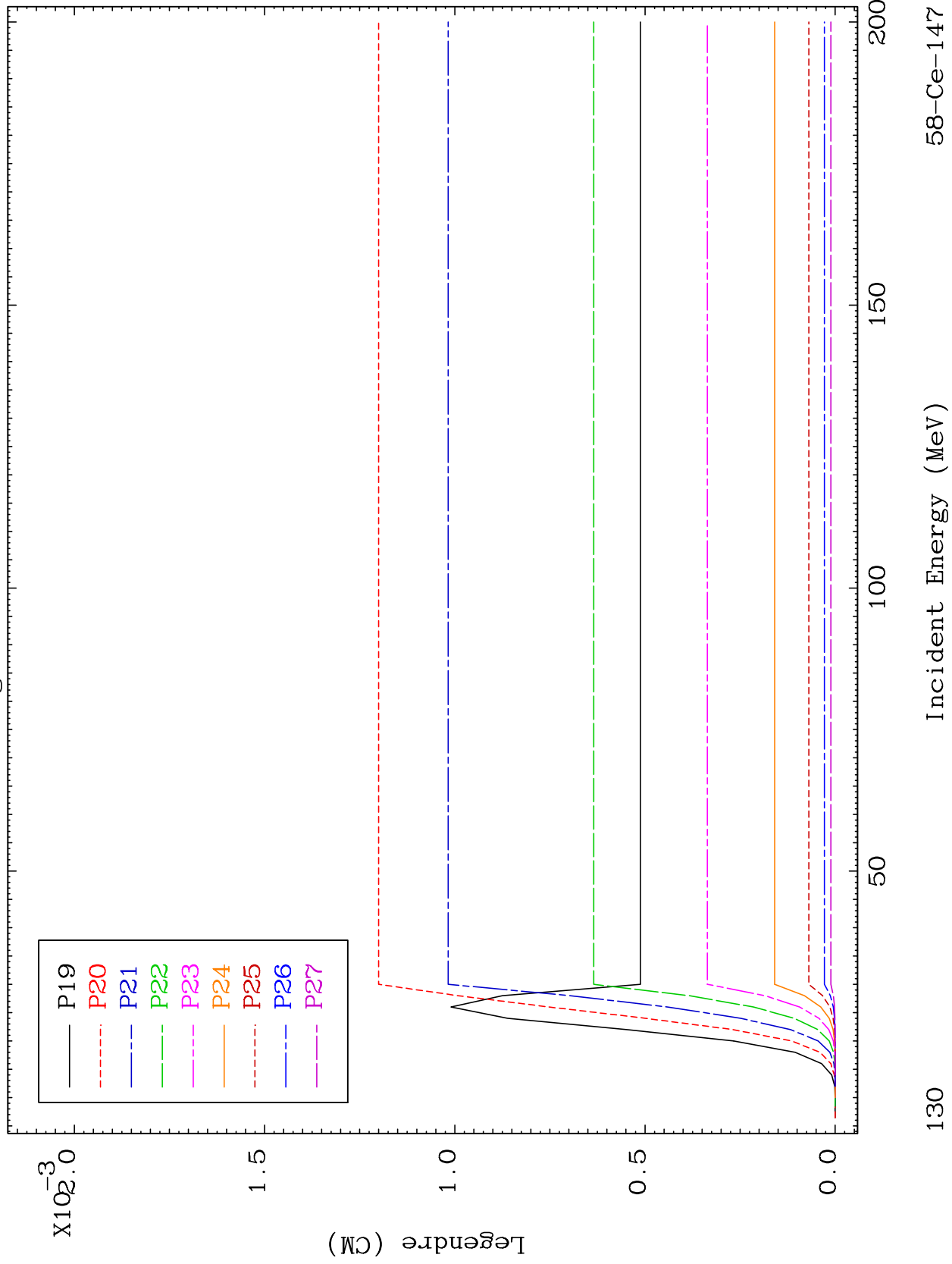




MAT 5858

831.4 keV (n,n') Level
Legendre Coefficients

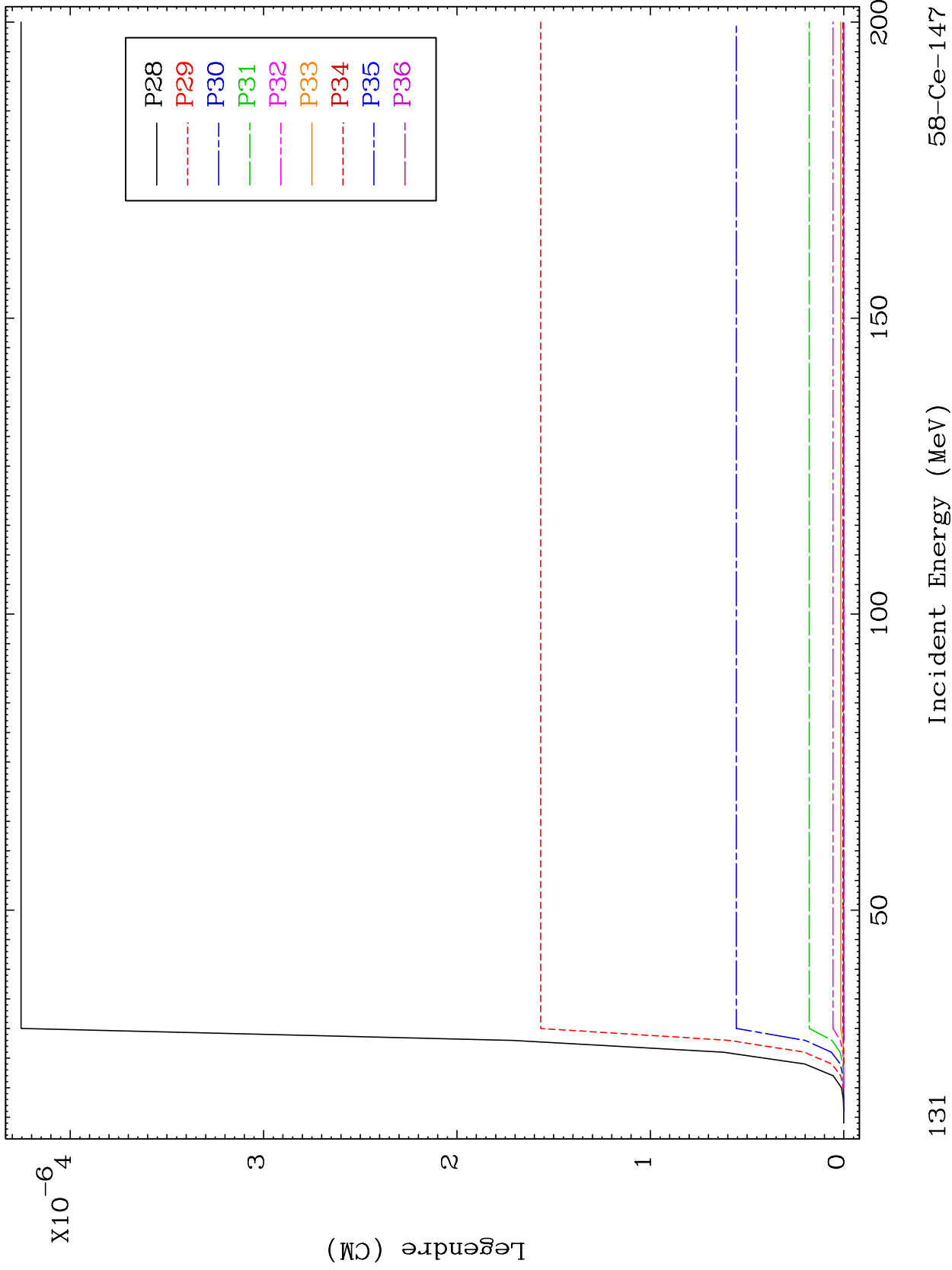
58-Ce-147



MAT 5858

831.4 keV (n,n') Level
Legendre Coefficients

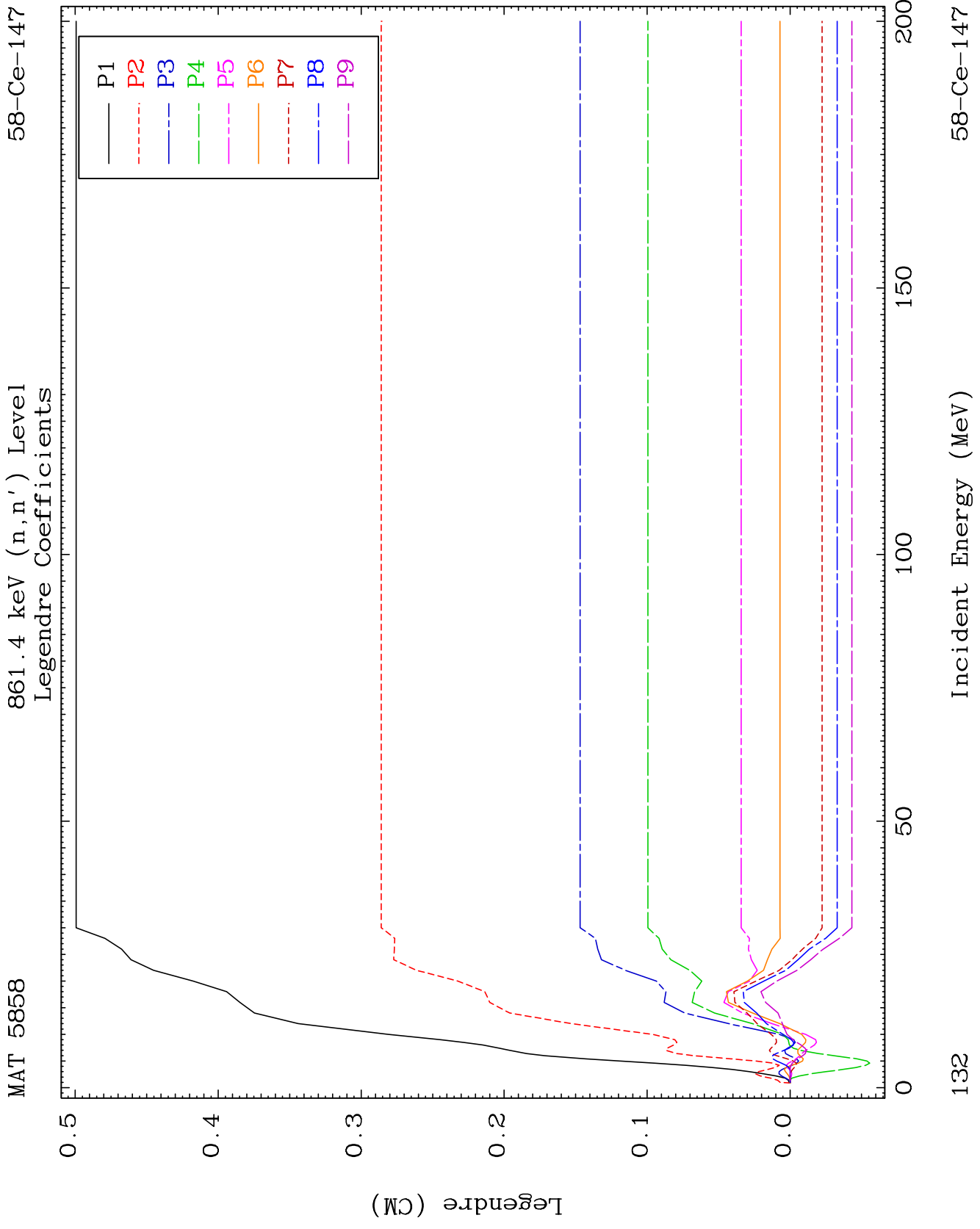
58-Ce-147

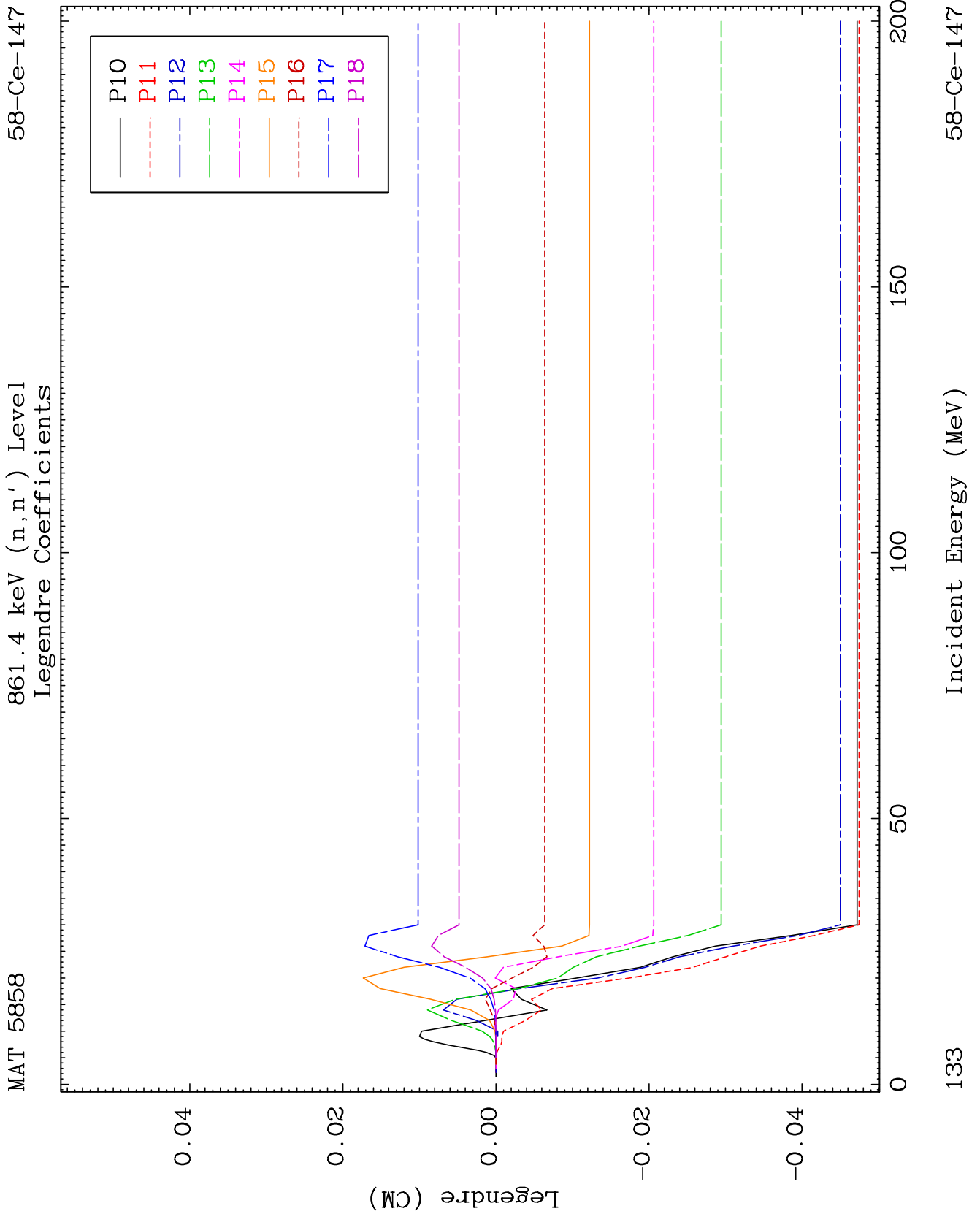


131

Incident Energy (MeV)

58-Ce-147

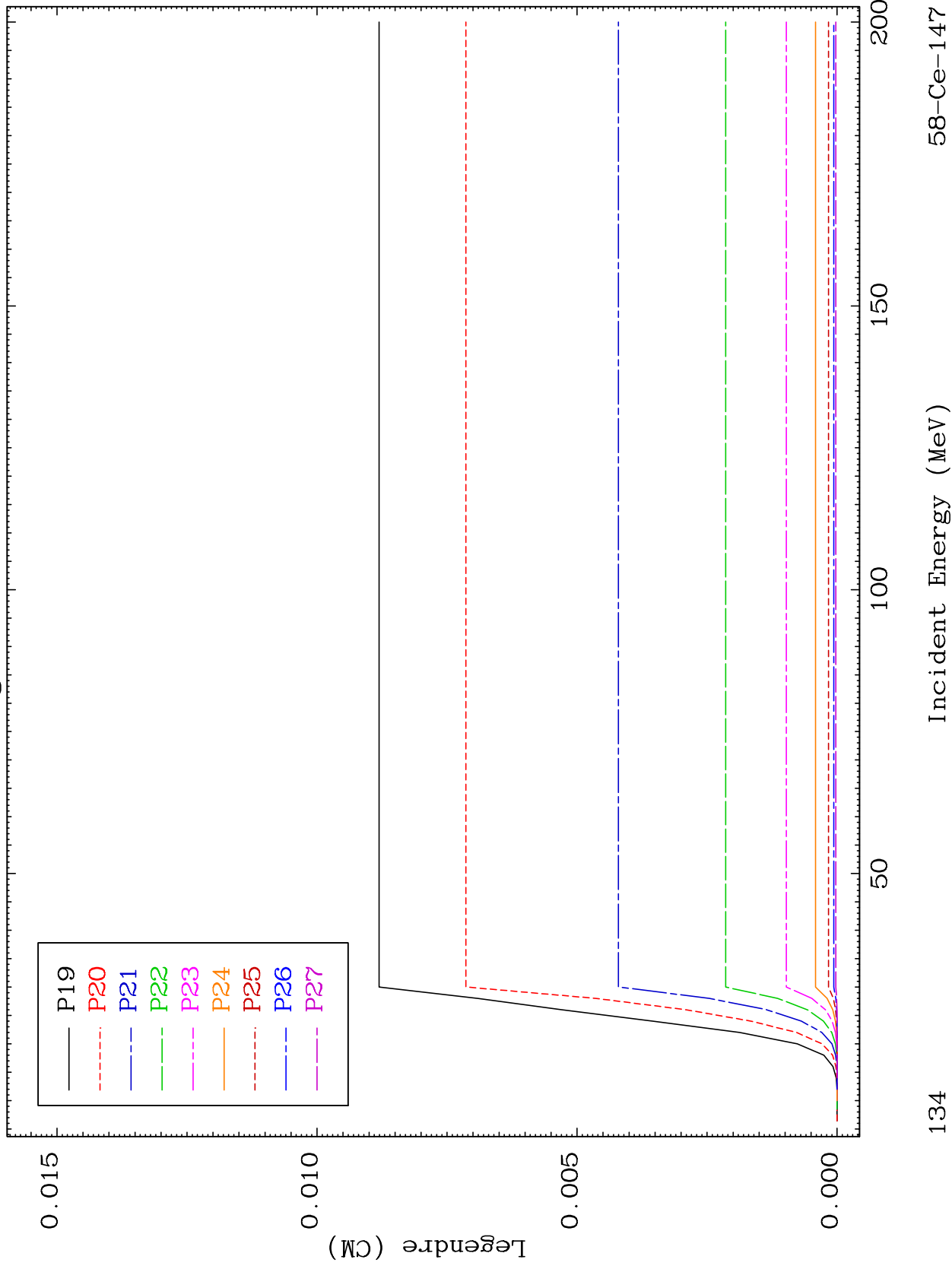




MAT 5858

861.4 keV (n,n') Level
Legendre Coefficients

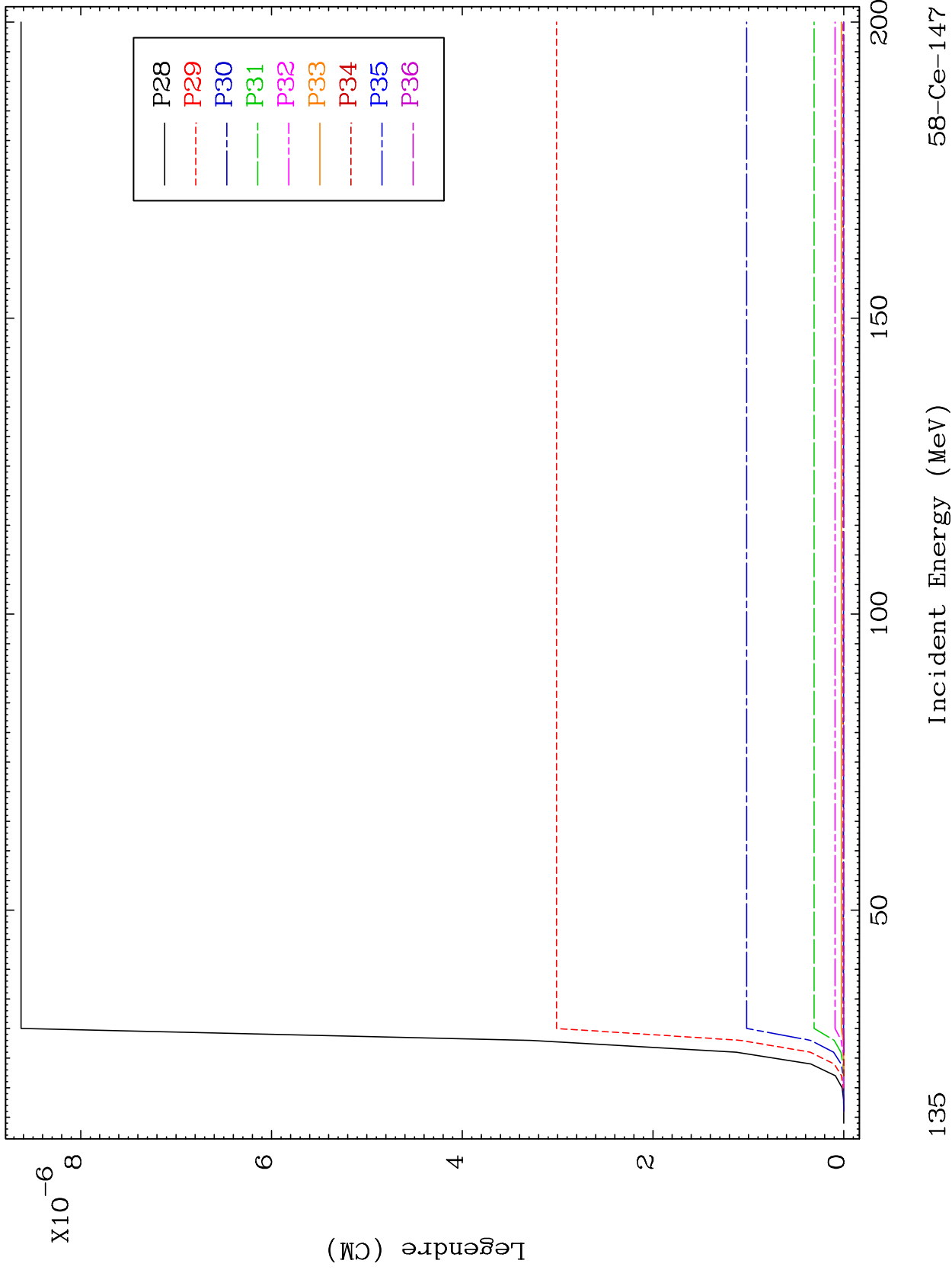
58-Ce-147



MAT 5858

861.4 keV (n,n') Level
Legendre Coefficients

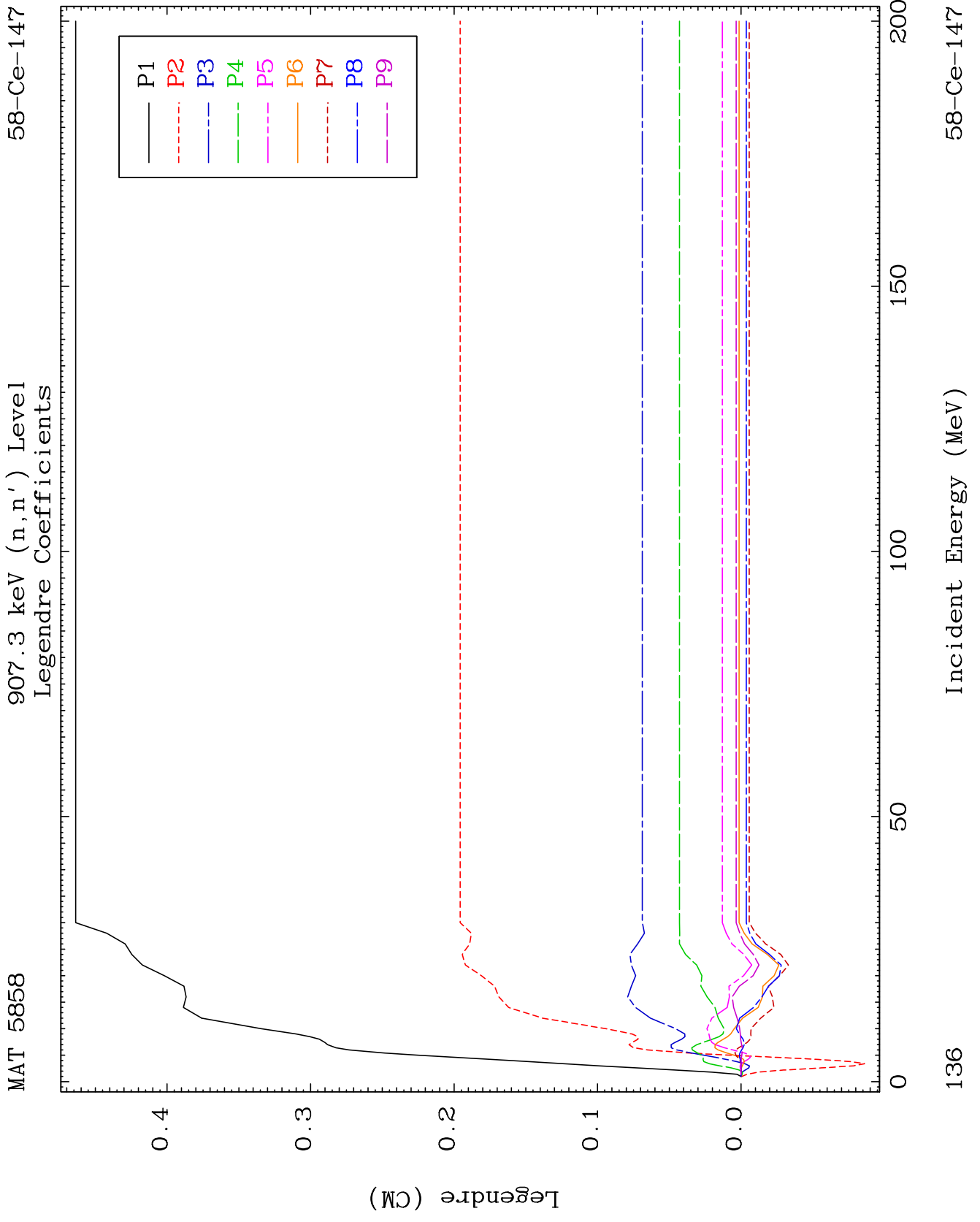
58-Ce-147



135

Incident Energy (MeV)

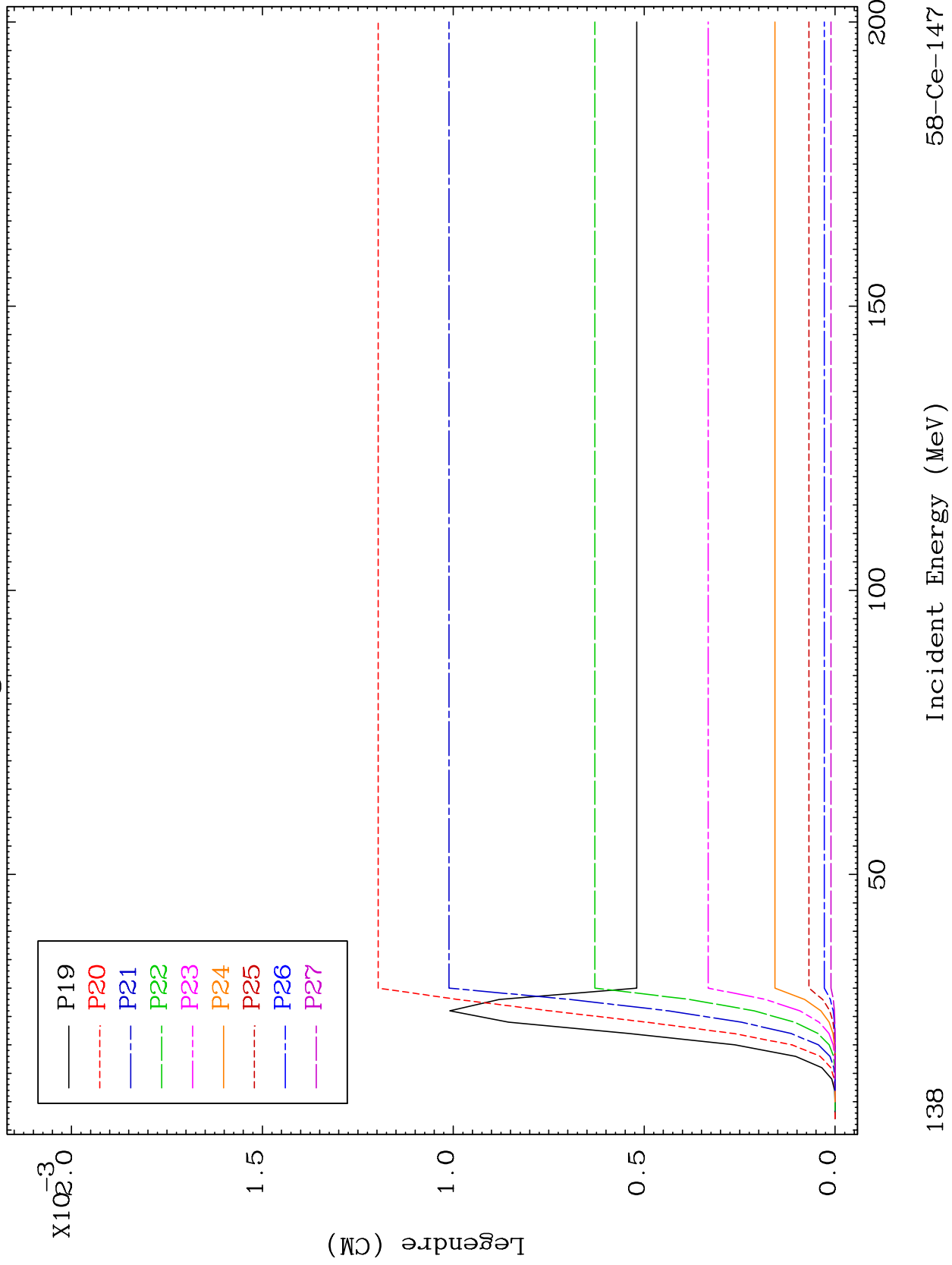
58-Ce-147



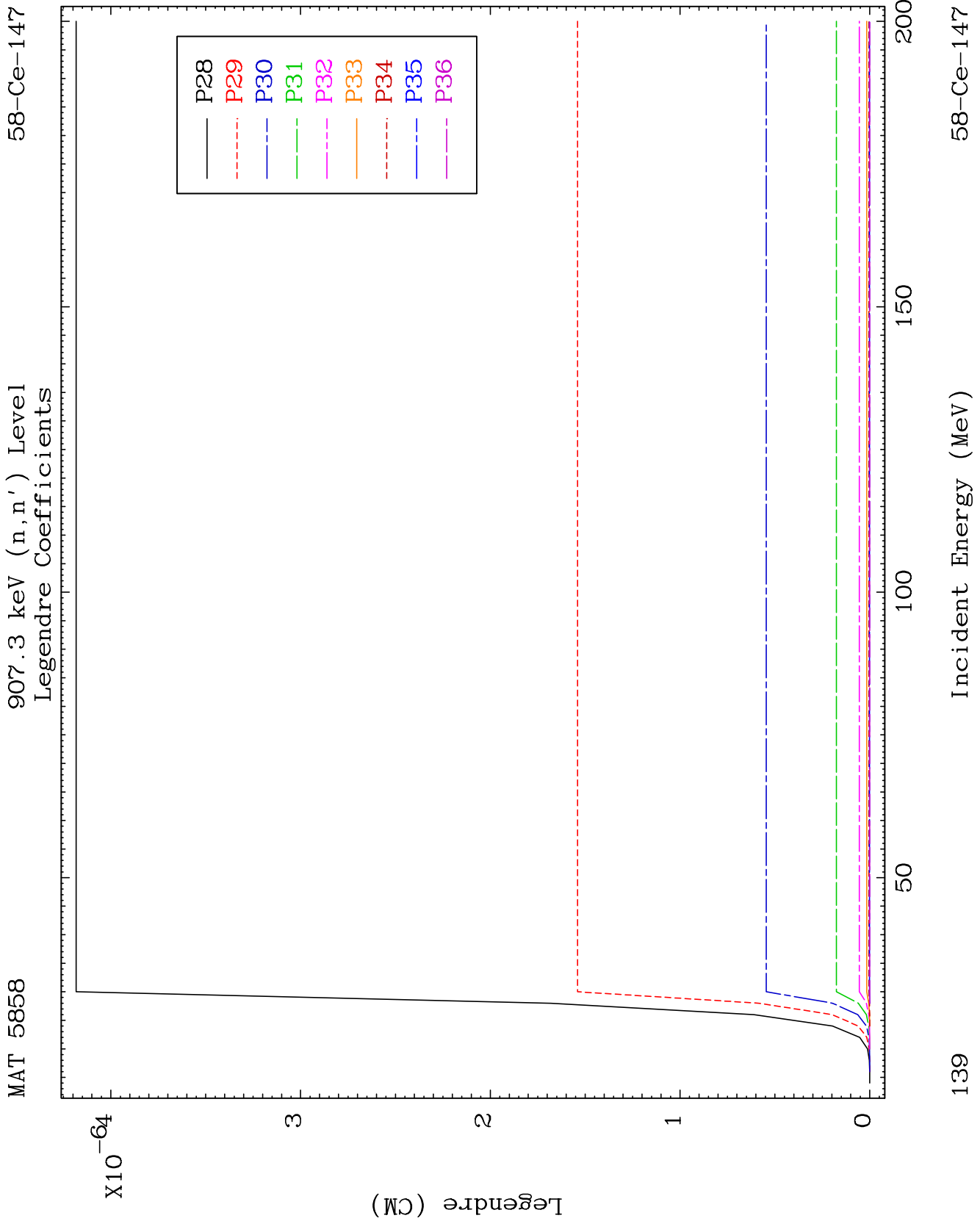
MAT 5858

907.3 keV (n,n') Level
Legendre Coefficients

58-Ce-147



138

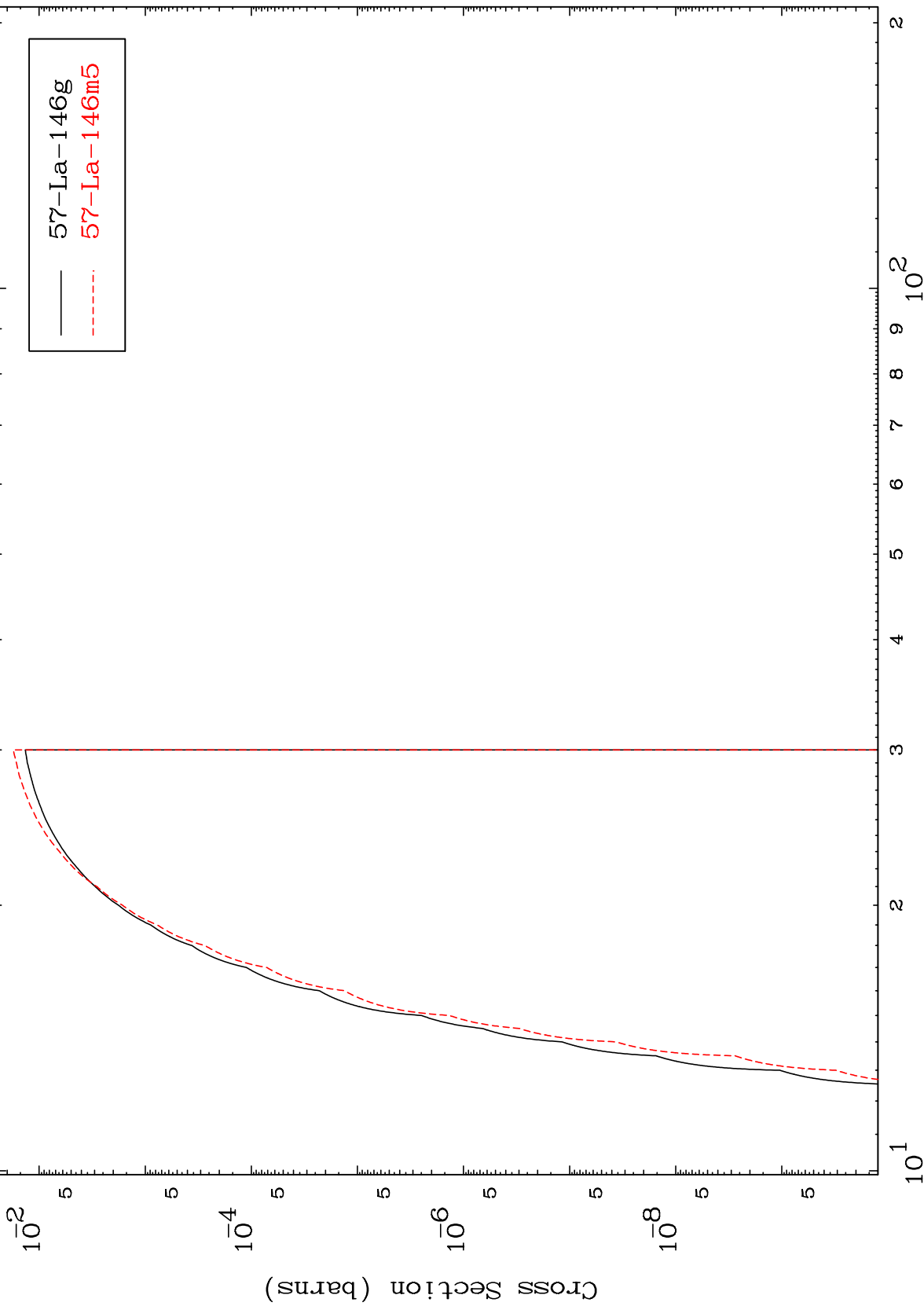


MAT 5858

(n,n') p

58-Ce-147

Radionuclide Production Cross Section



140

Incident Energy (MeV)

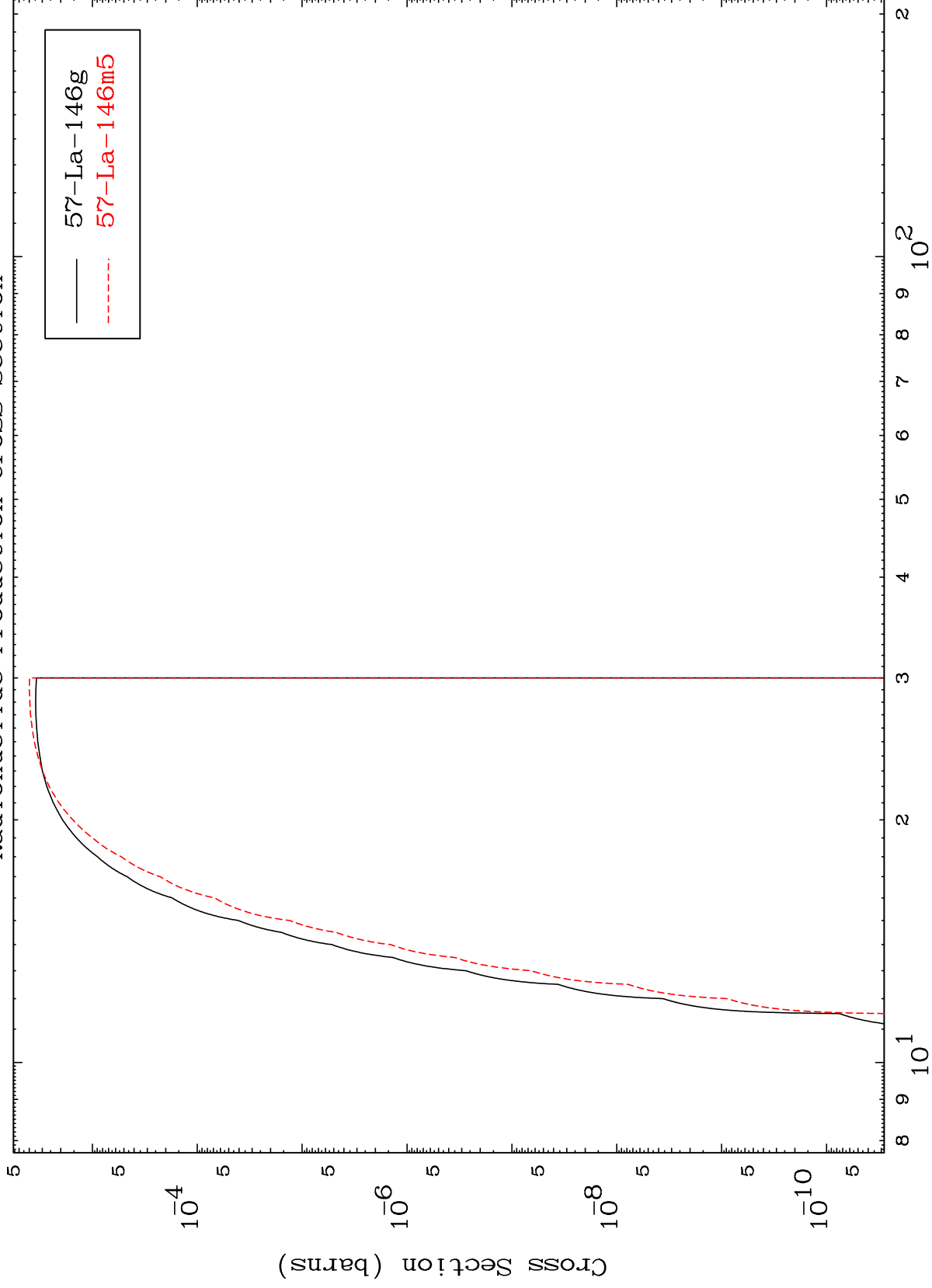
58-Ce-147

MAT 5858

(n,d)

58-Ce-147

Radionuclide Production Cross Section



141

Incident Energy (MeV)

58-Ce-147