

Program EVALPLOT
(Version 2021-1)

by

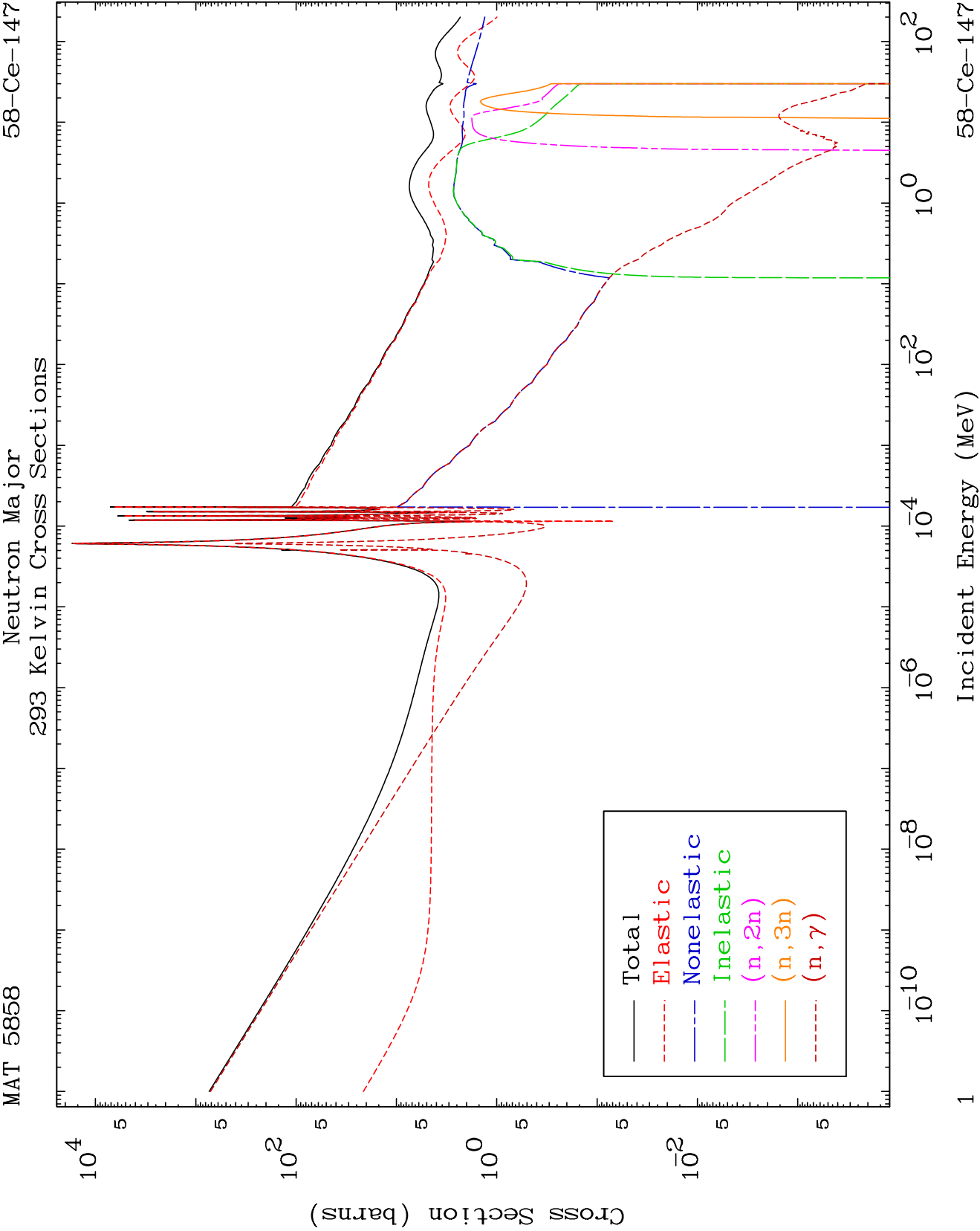
Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

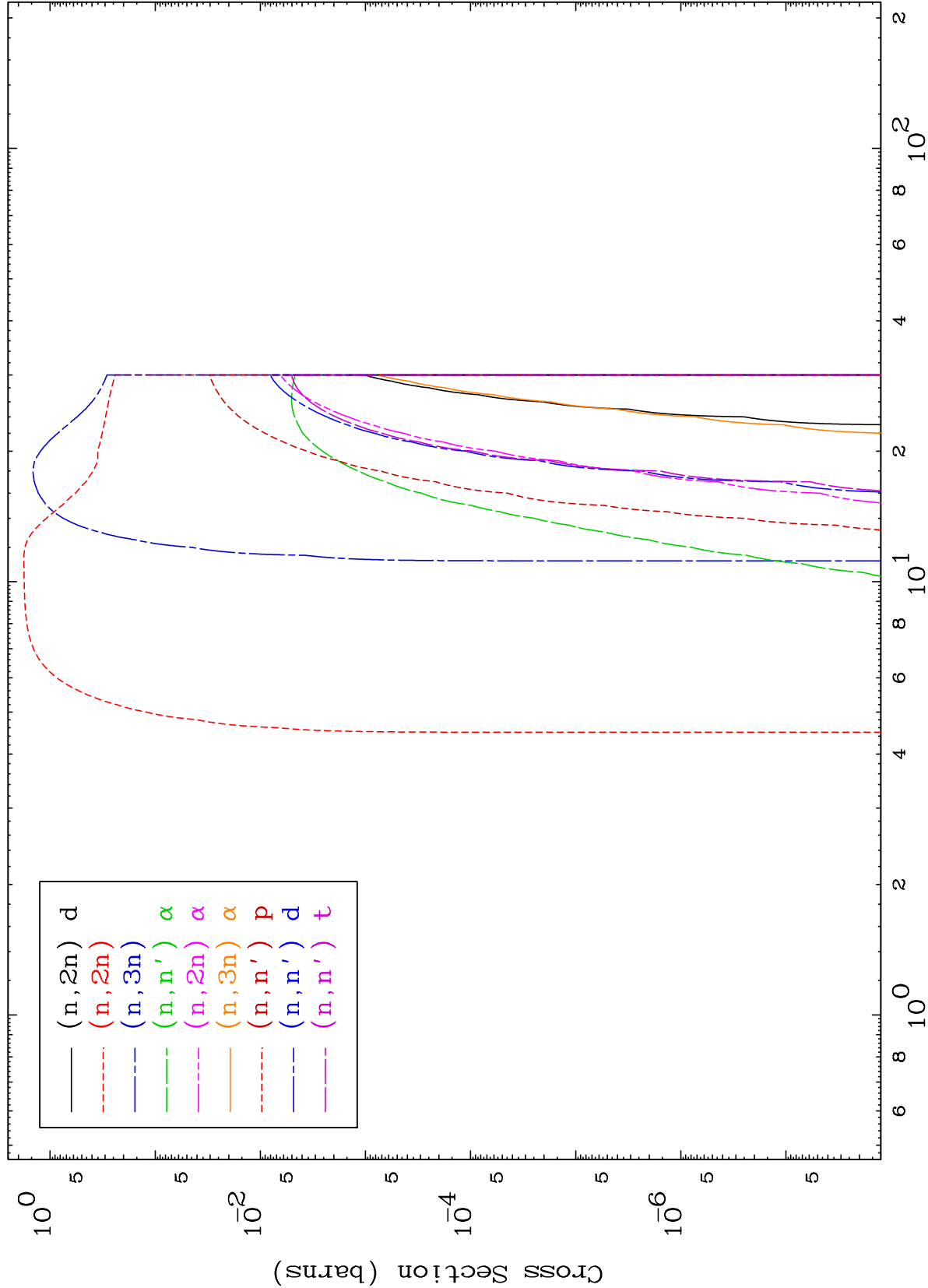


MAT 5858

Neutron Absorption

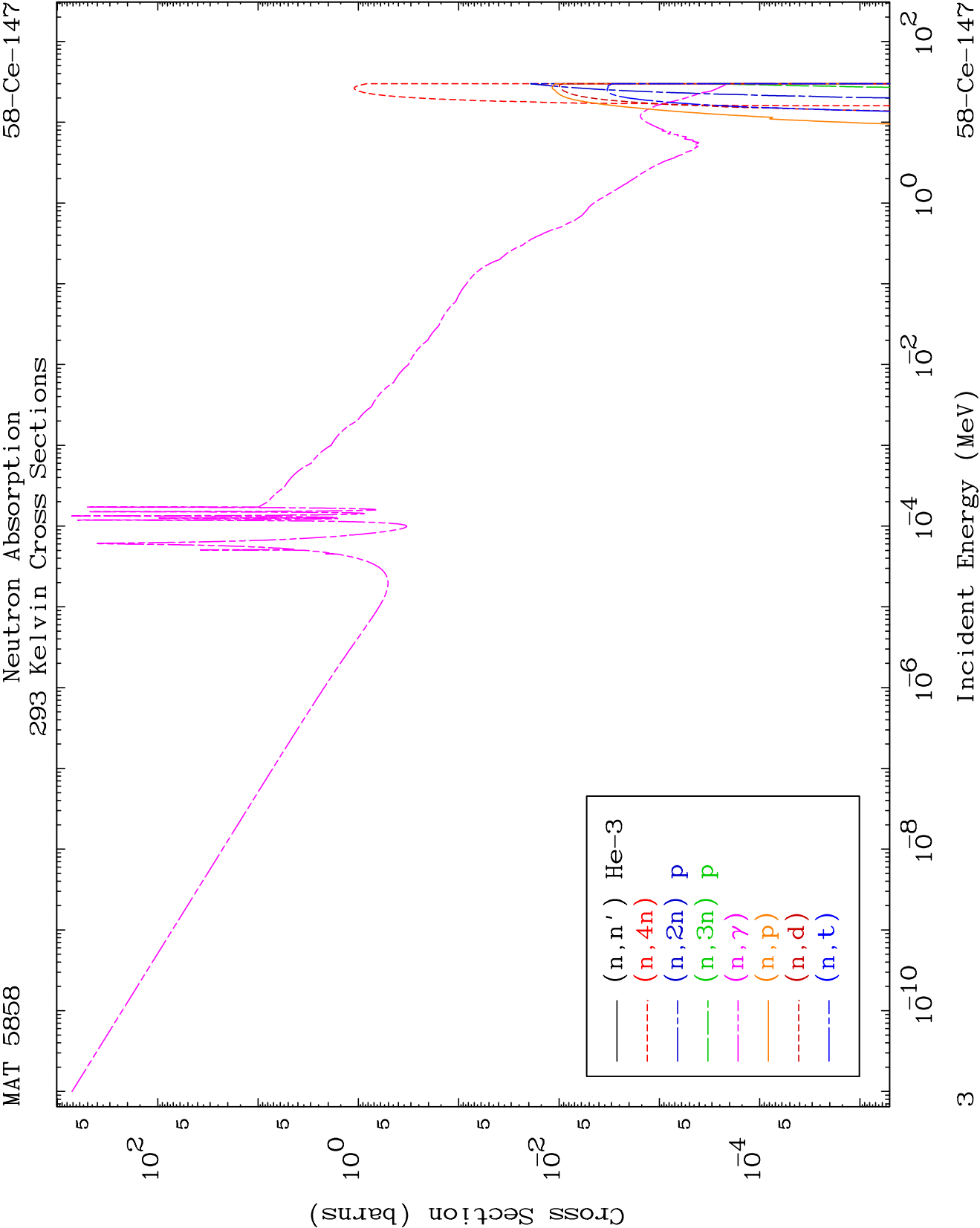
58-Ce-147

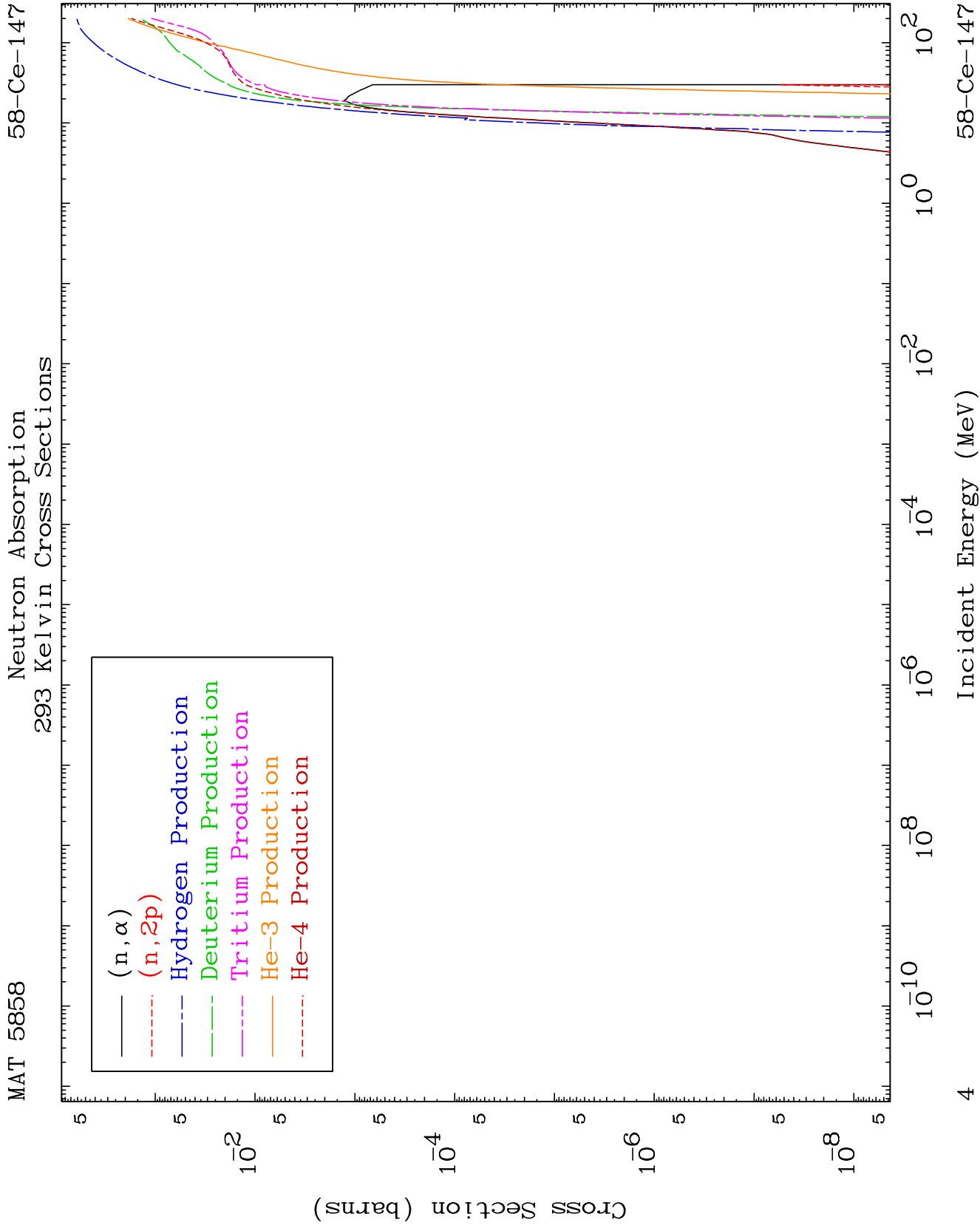
293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-147



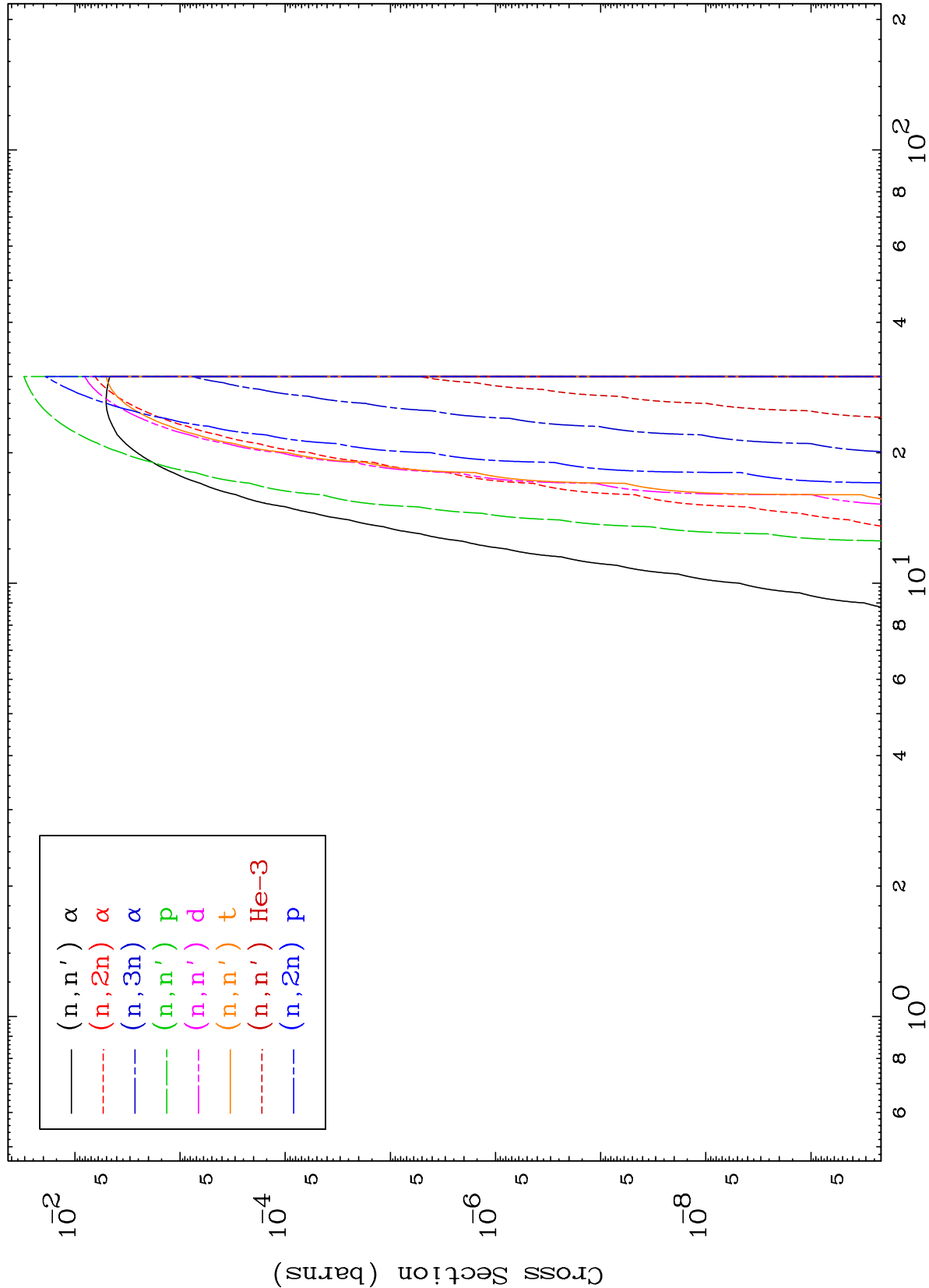


MAT 5858

Charged Particle

58-Ce-147

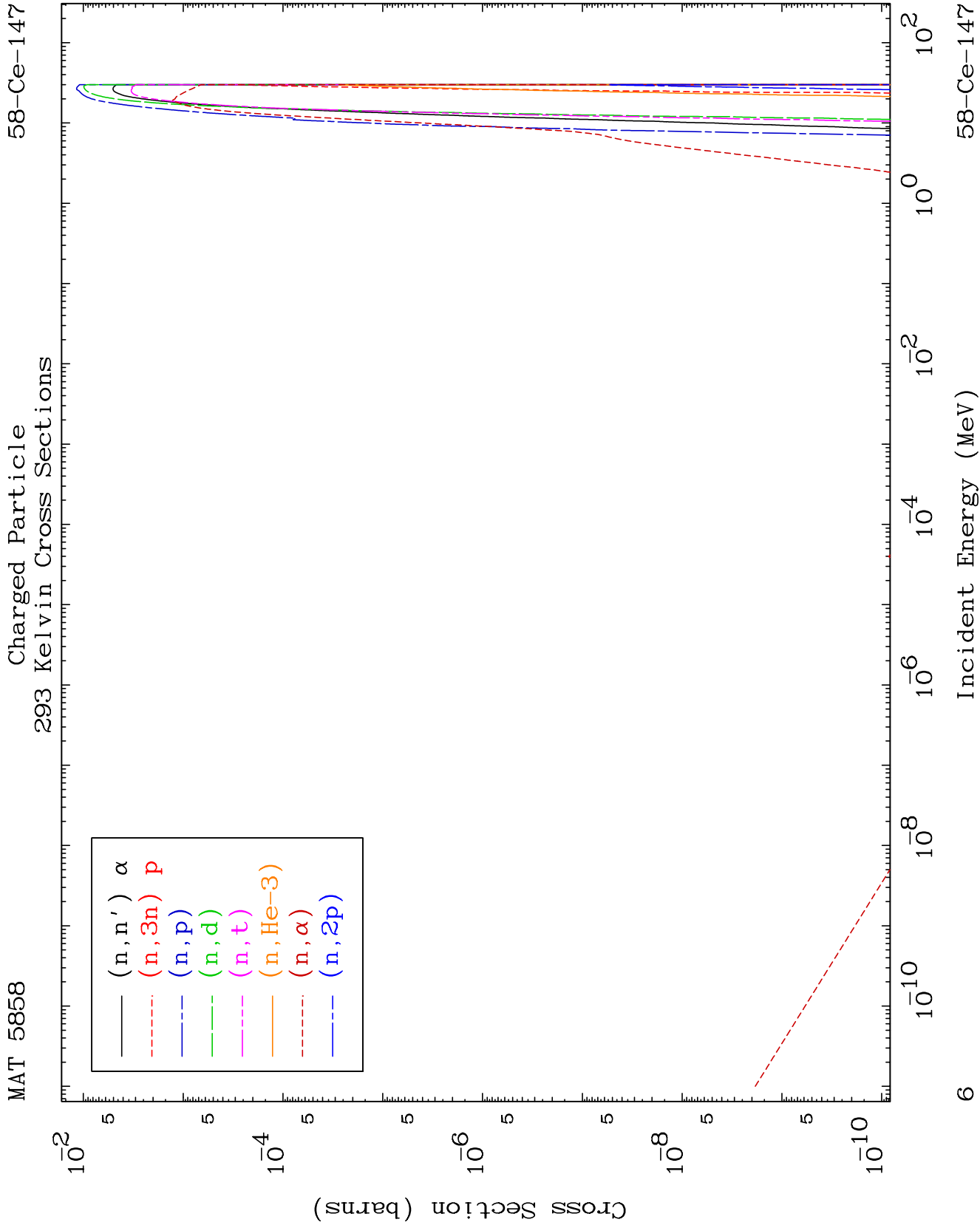
293 Kelvin Cross Sections



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Incident Energy (MeV)

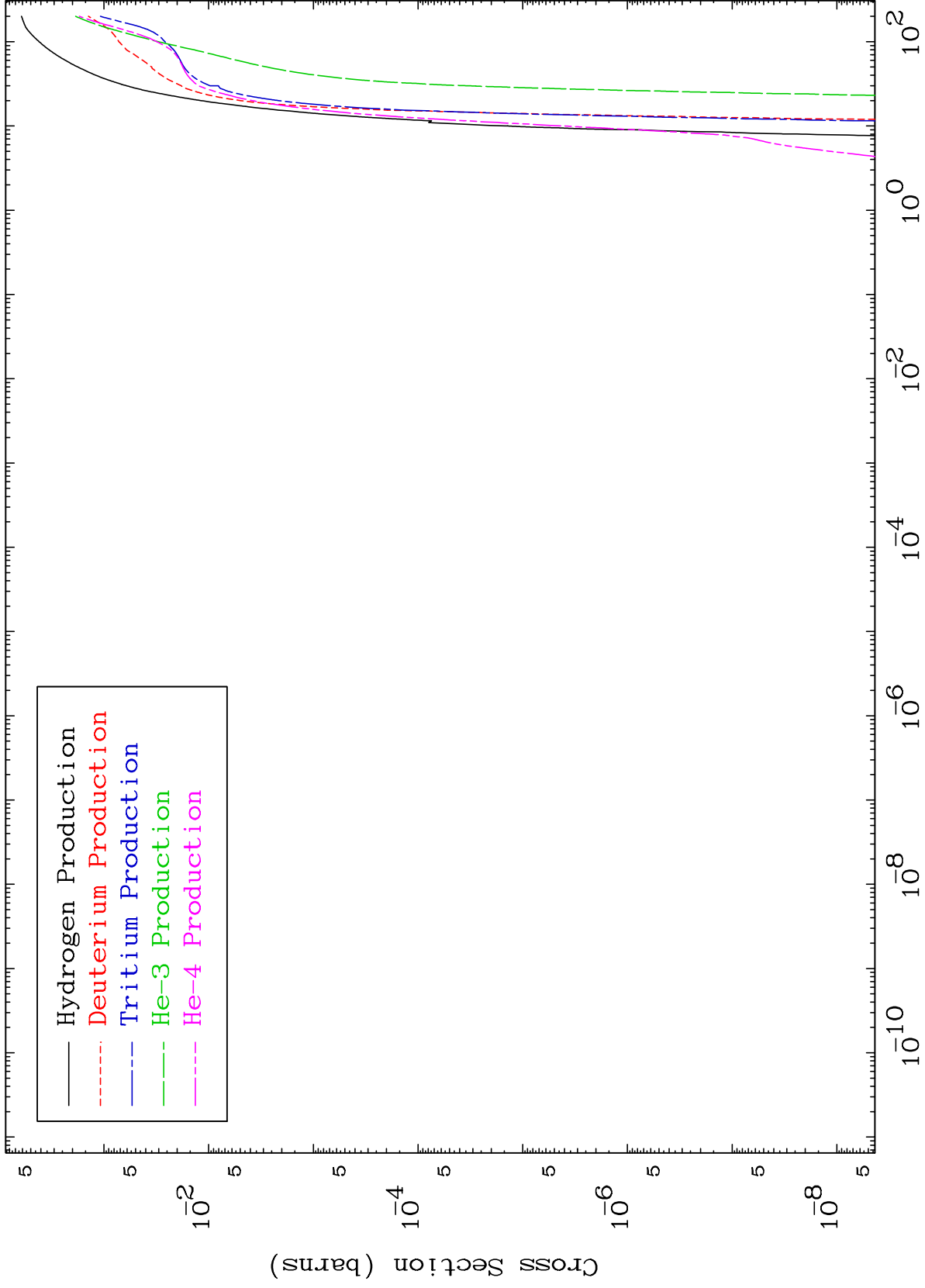
58-Ce-147



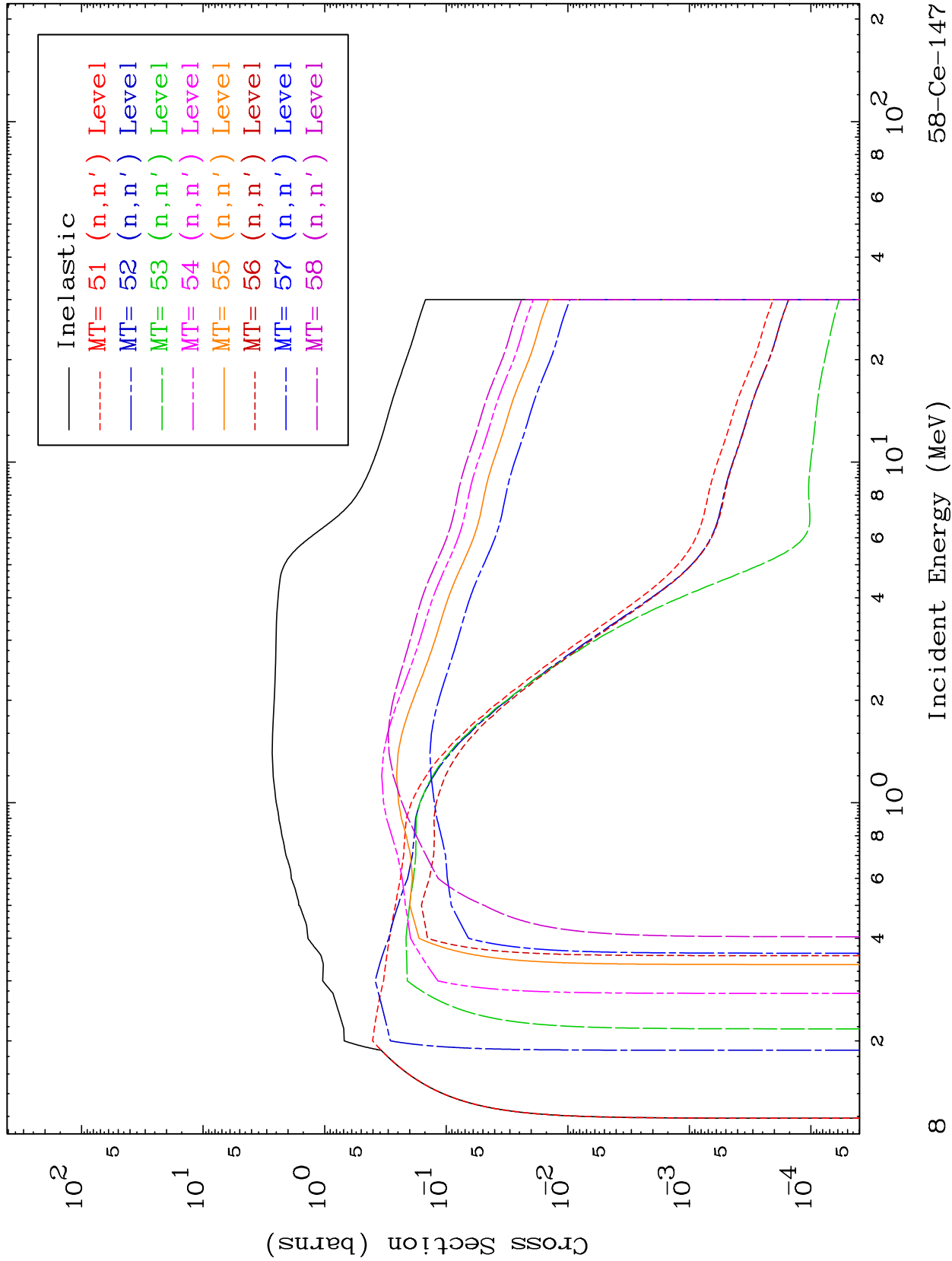
MAT 5858

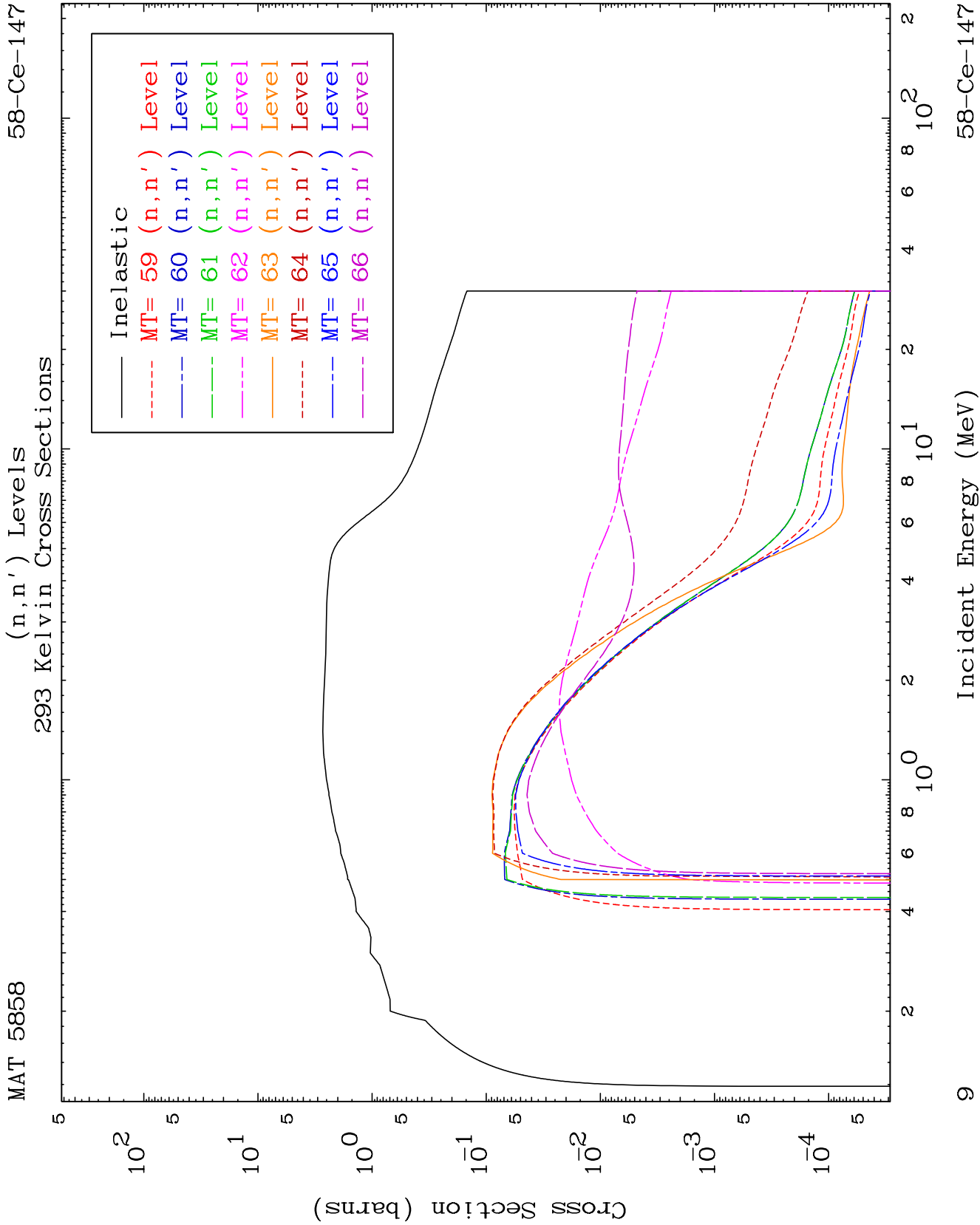
Particle Production
293 Kelvin Cross Sections

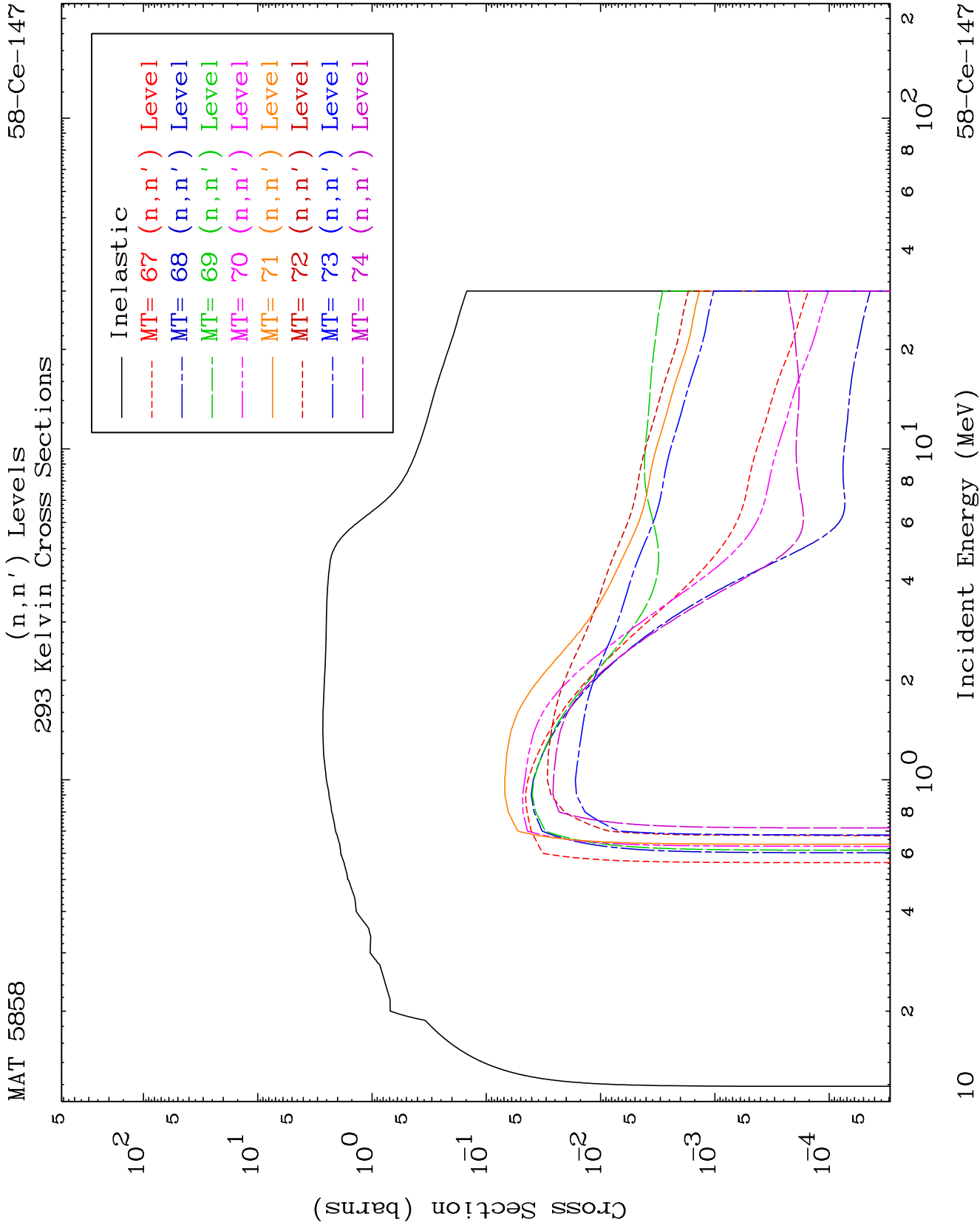
58-Ce-147

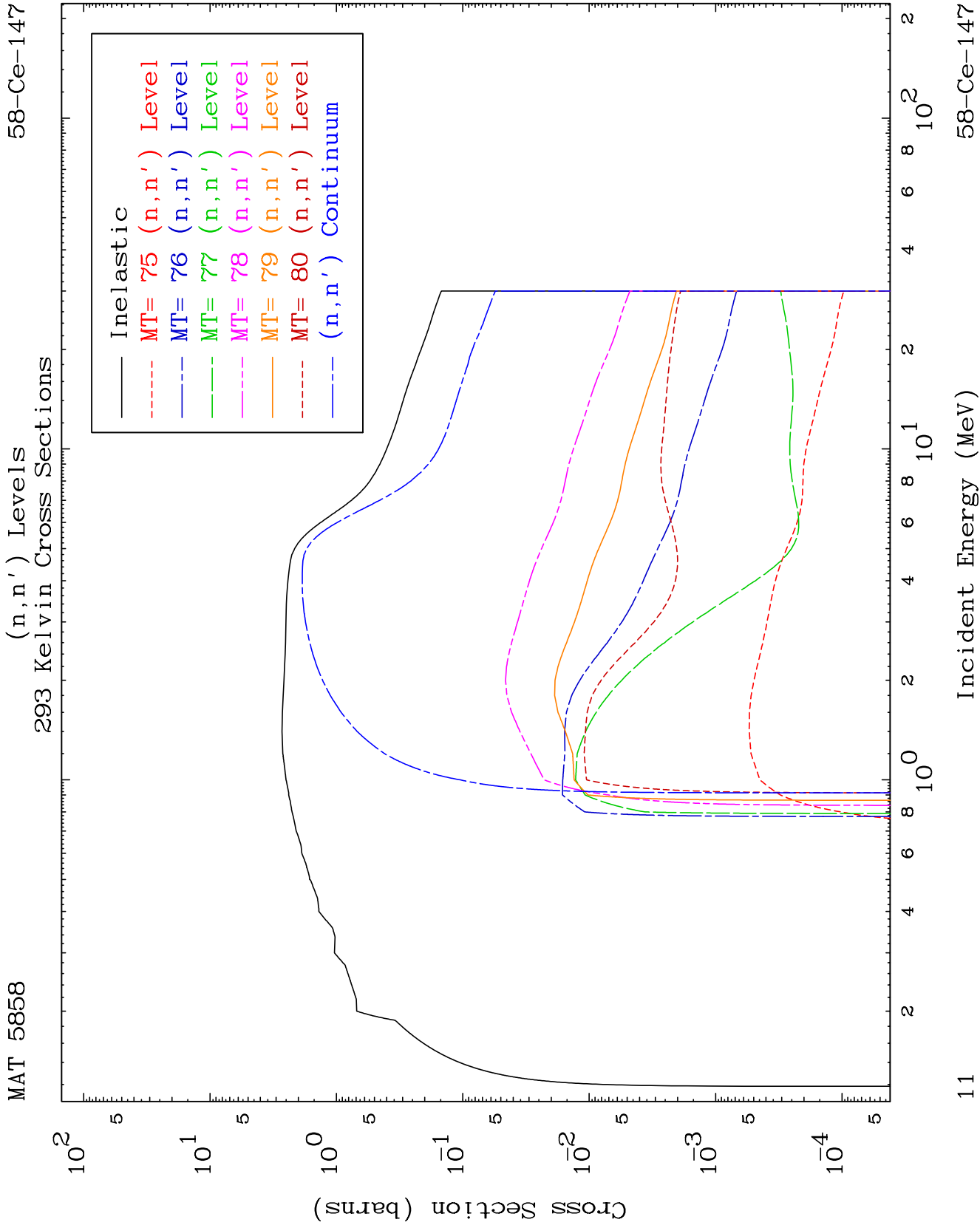


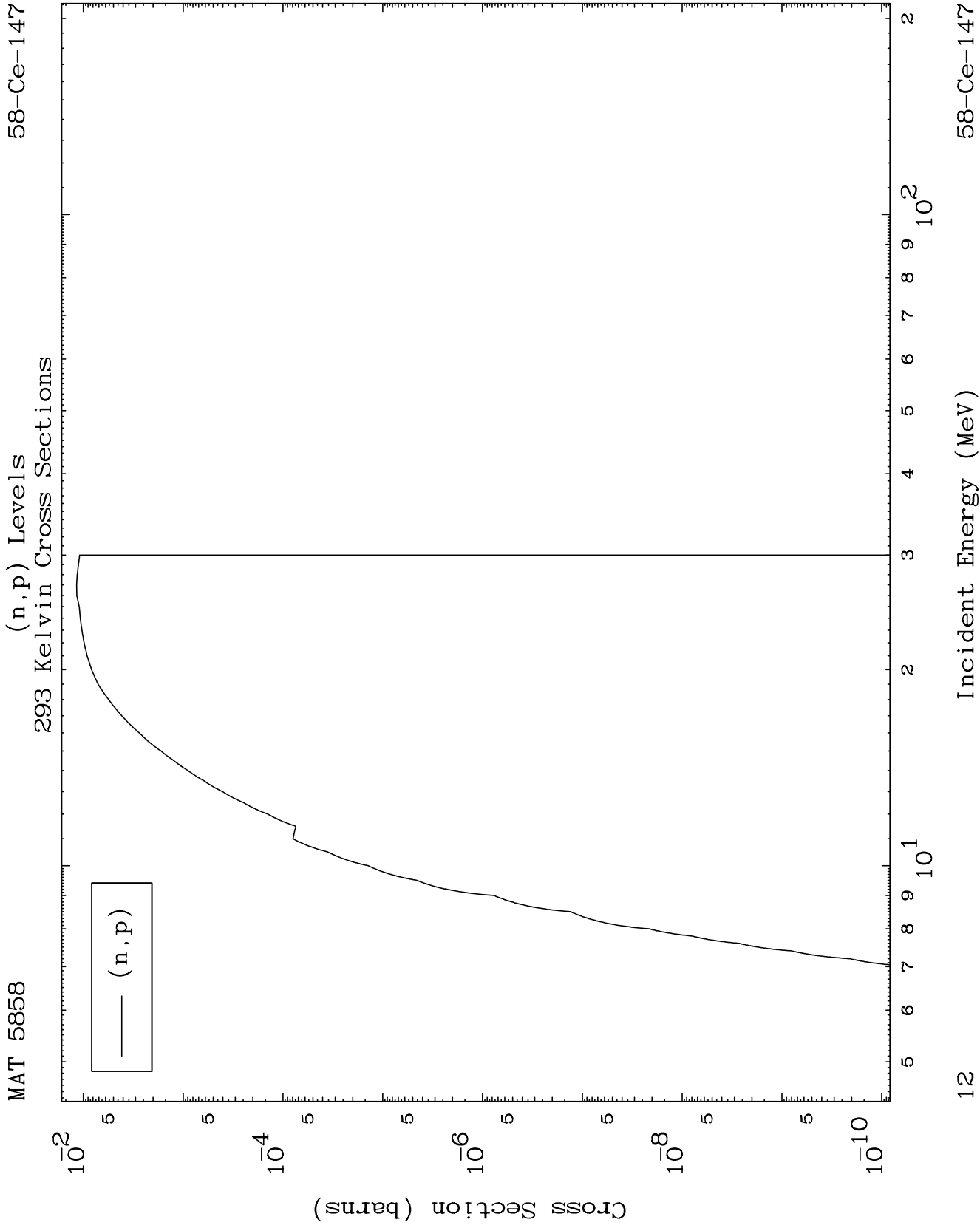
(n,n') Levels
293 Kelvin Cross Sections

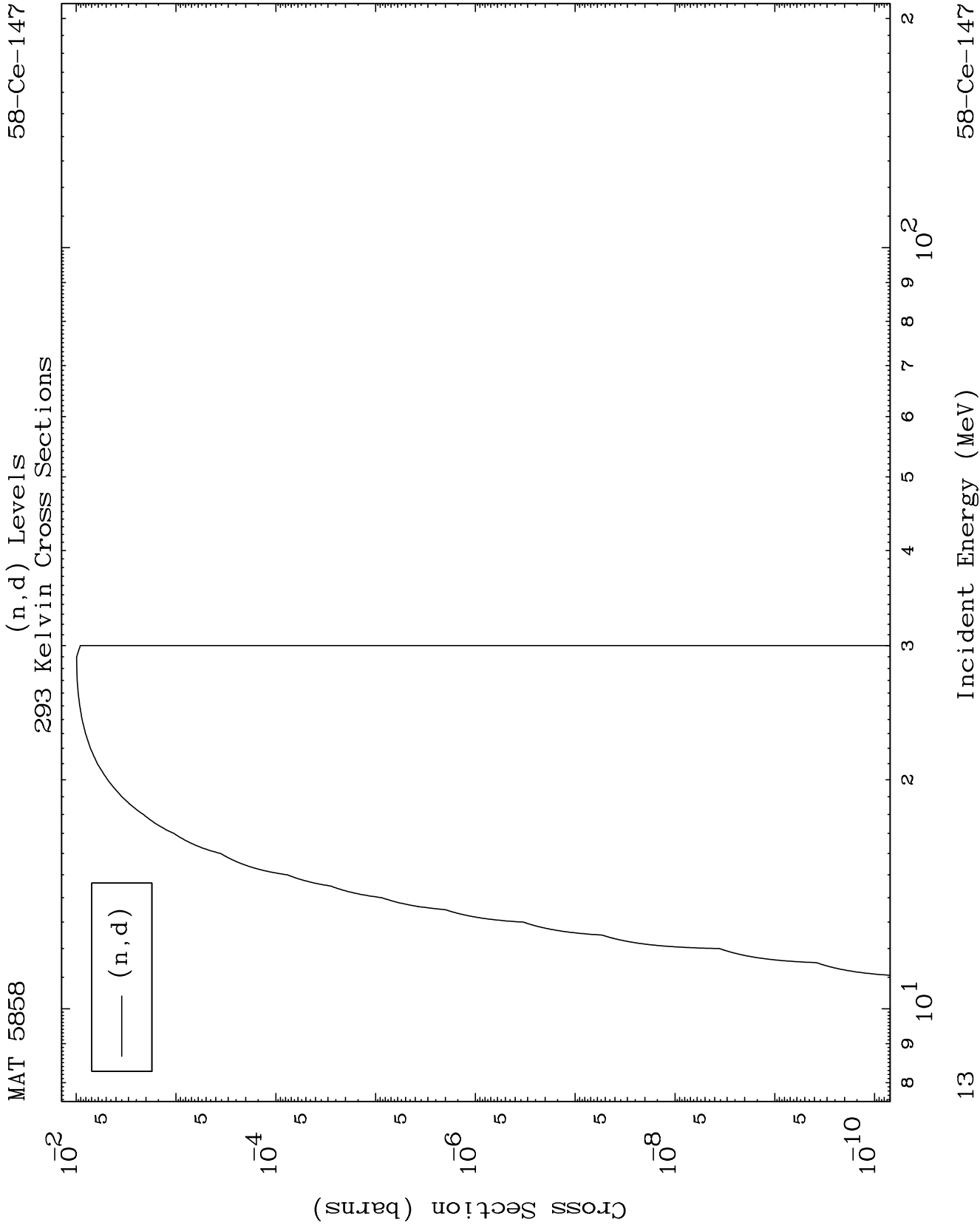








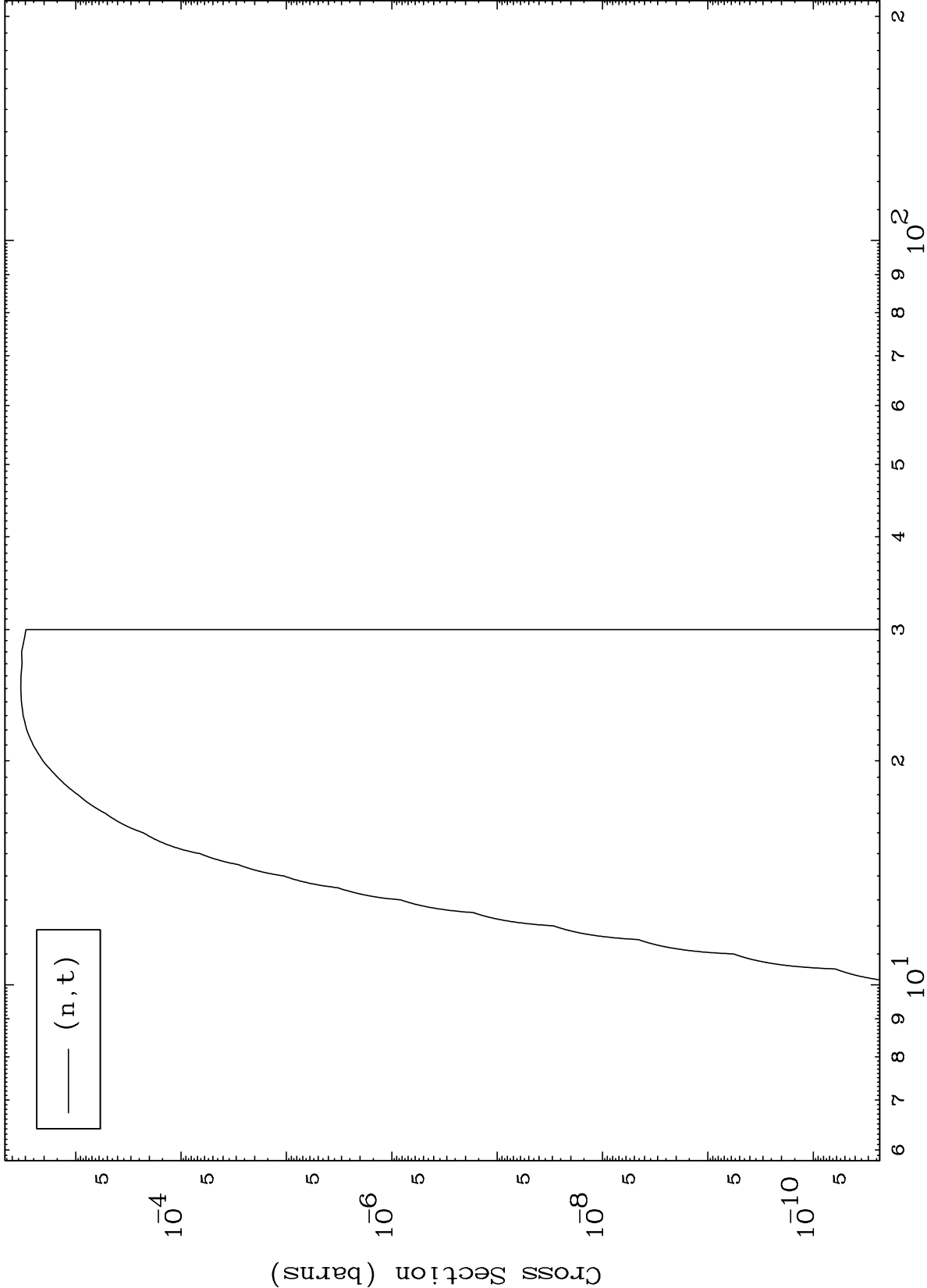




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(n,t) Levels
293 Kelvin Cross Sections

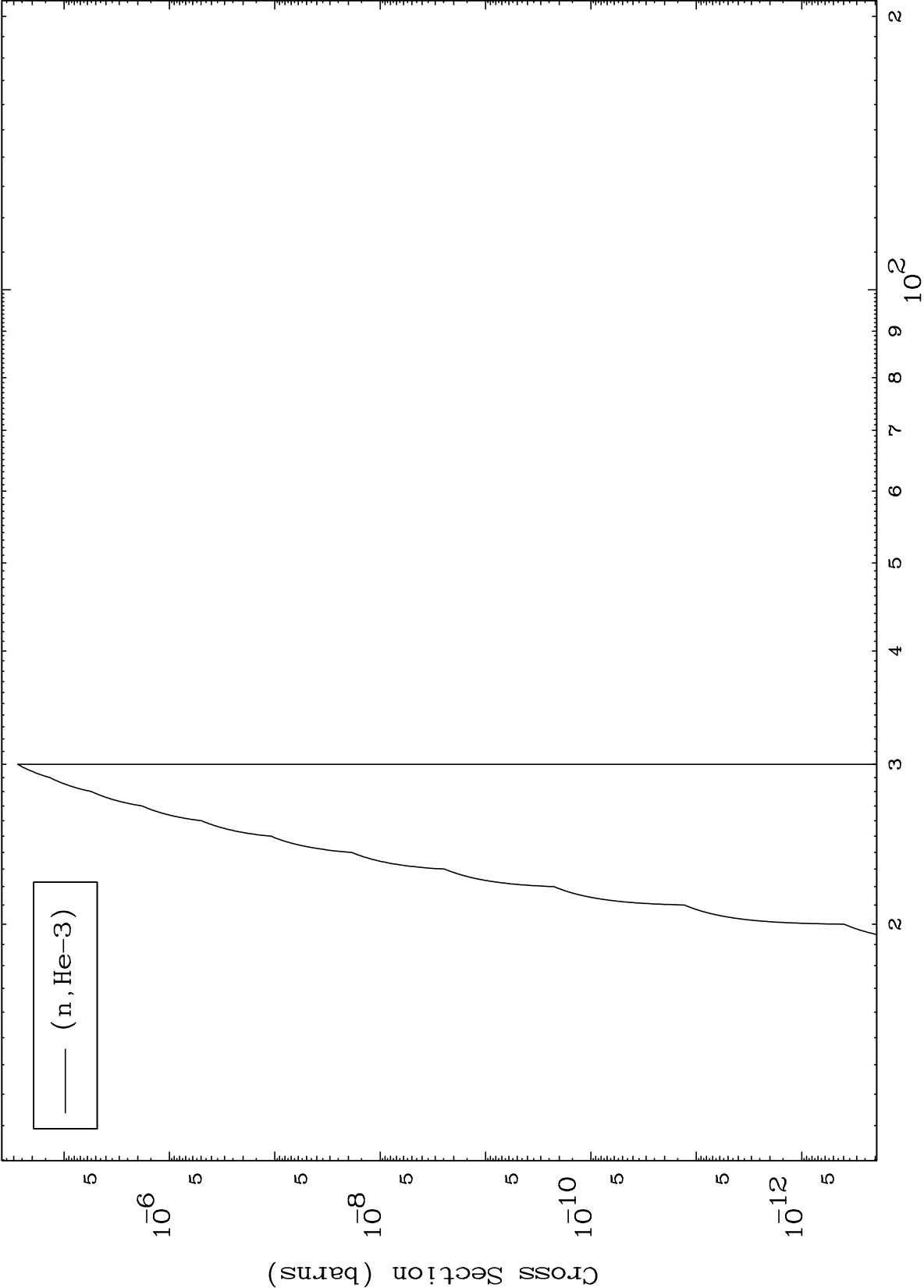
58-Ce-147



14

Incident Energy (MeV)

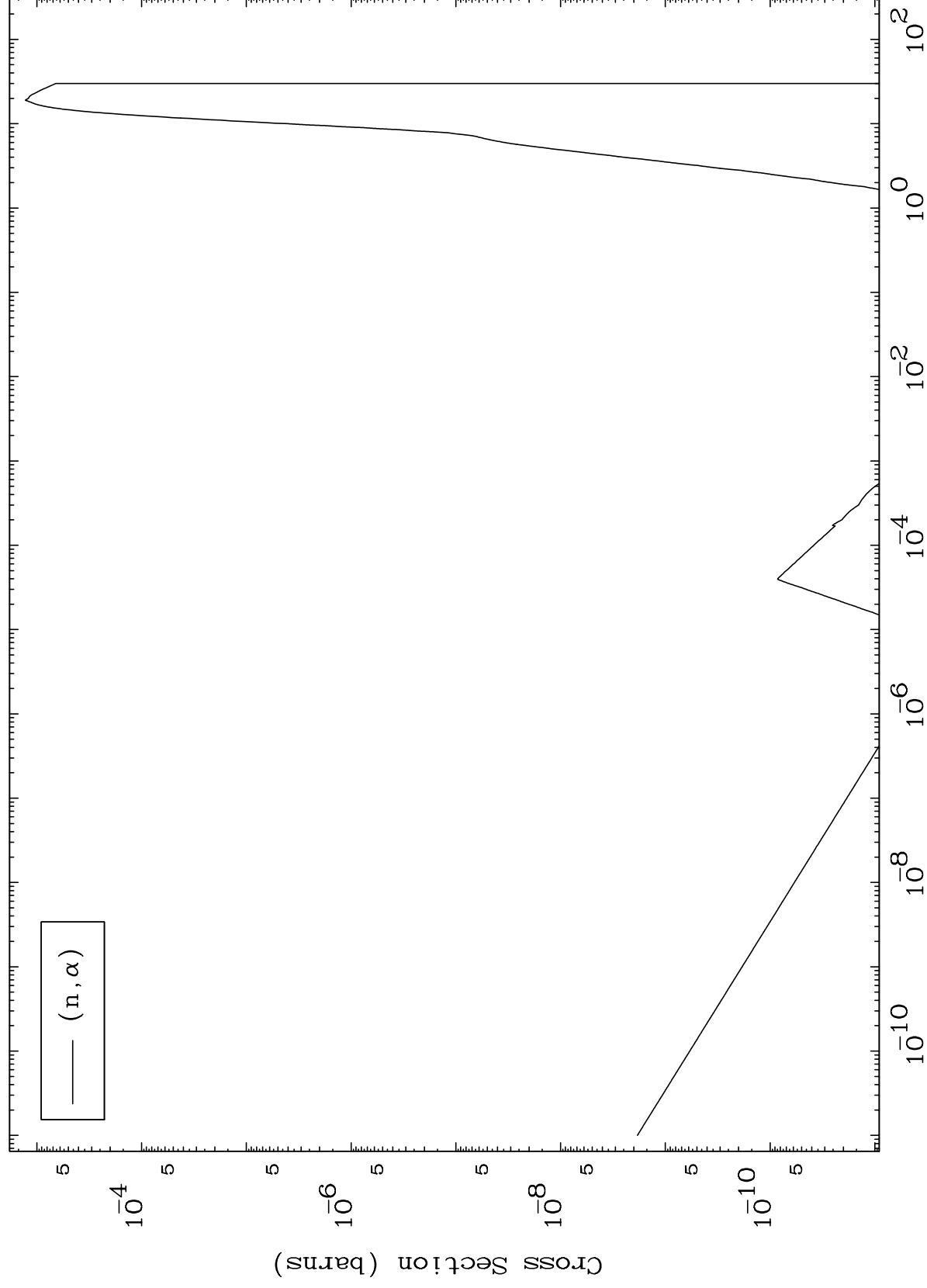
58-Ce-147



MAT 5858

(n, α) Levels
293 Kelvin Cross Sections

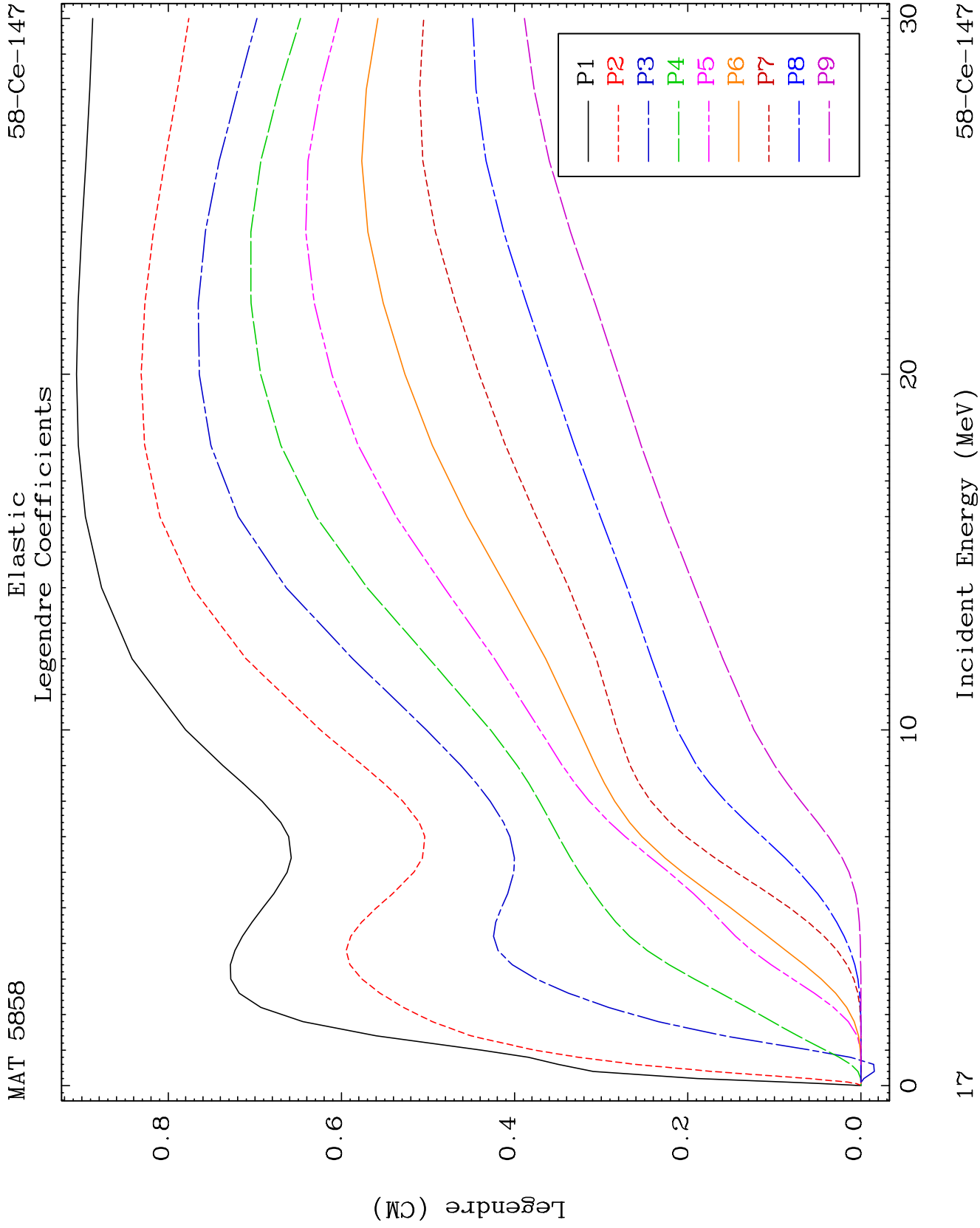
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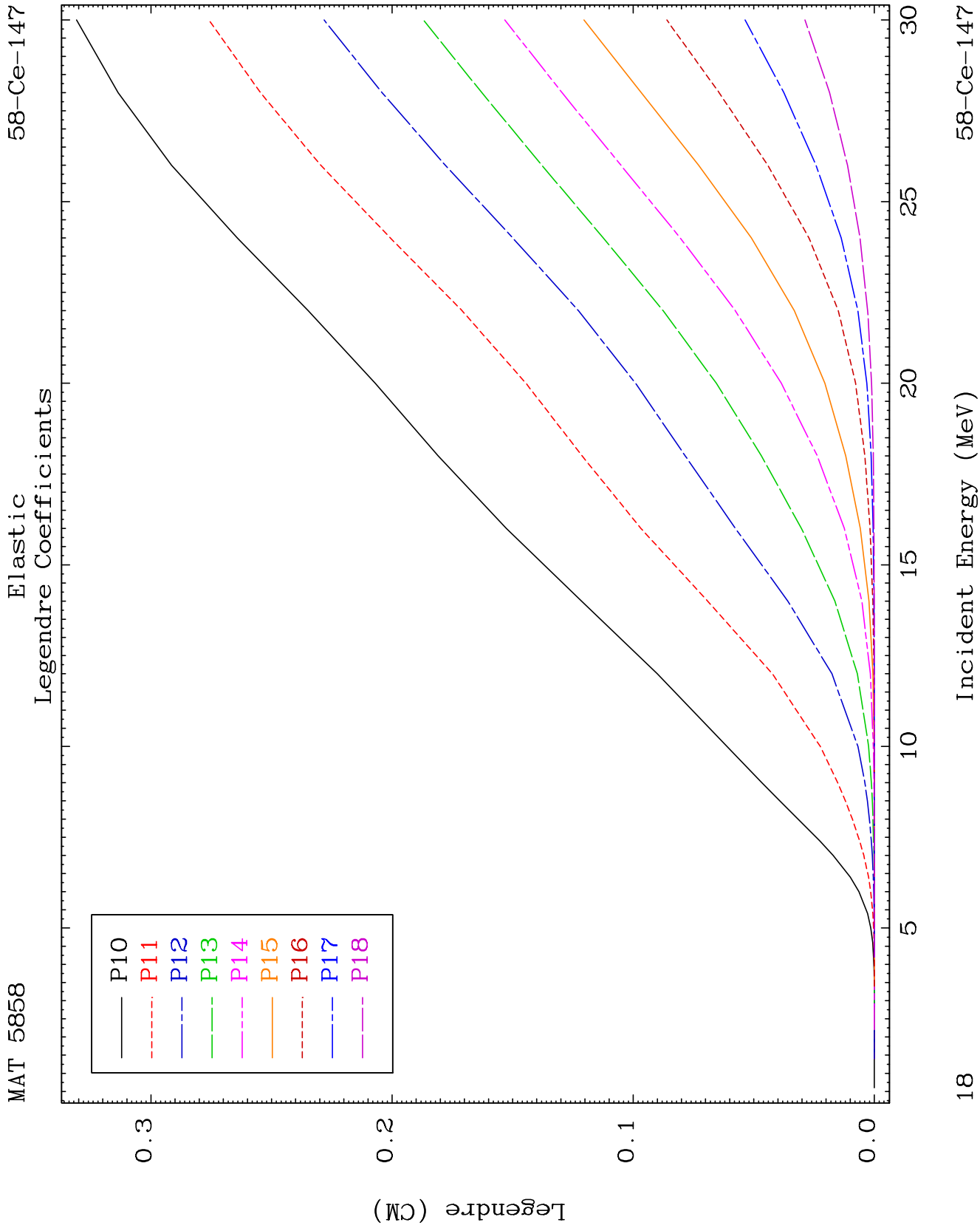


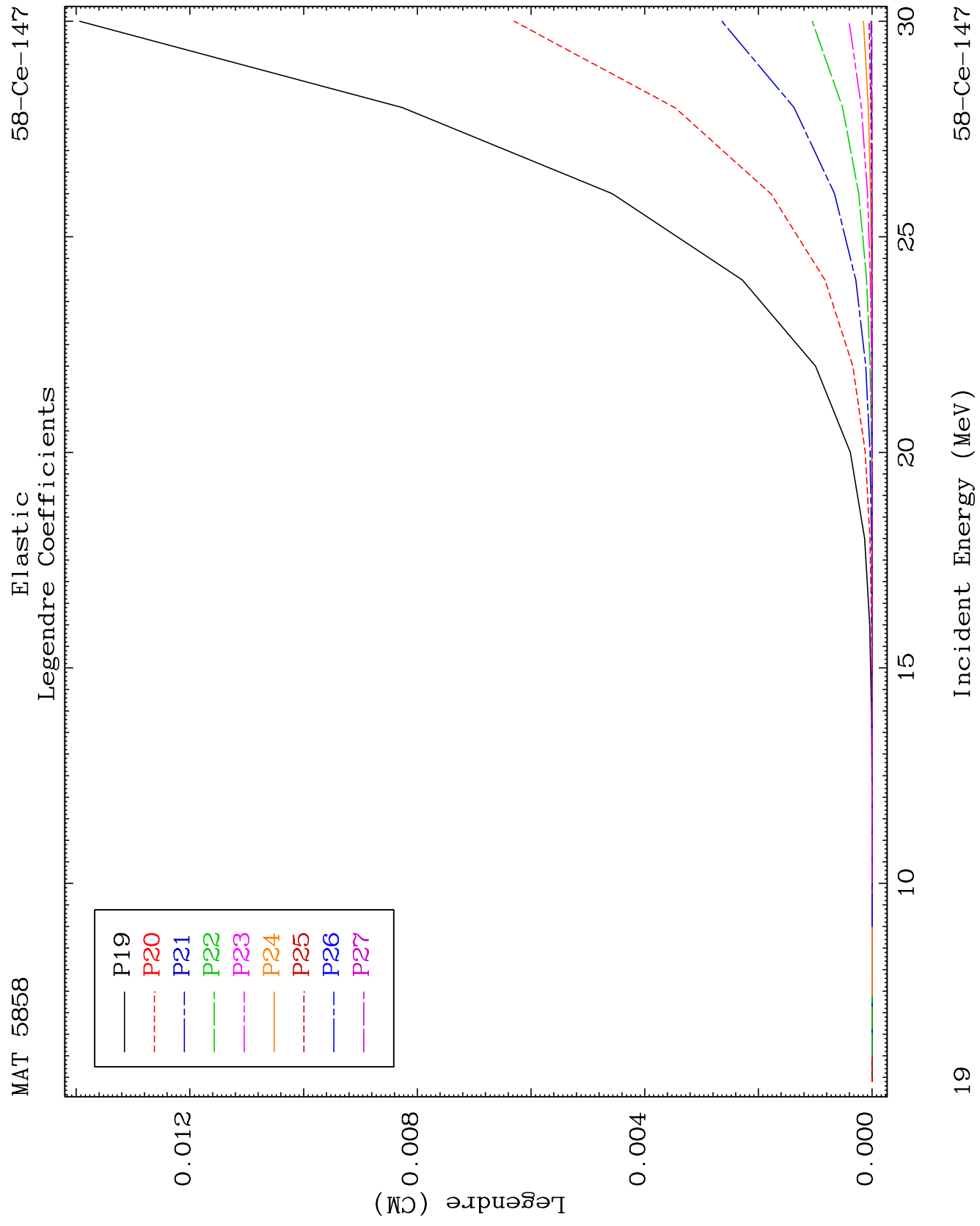
16

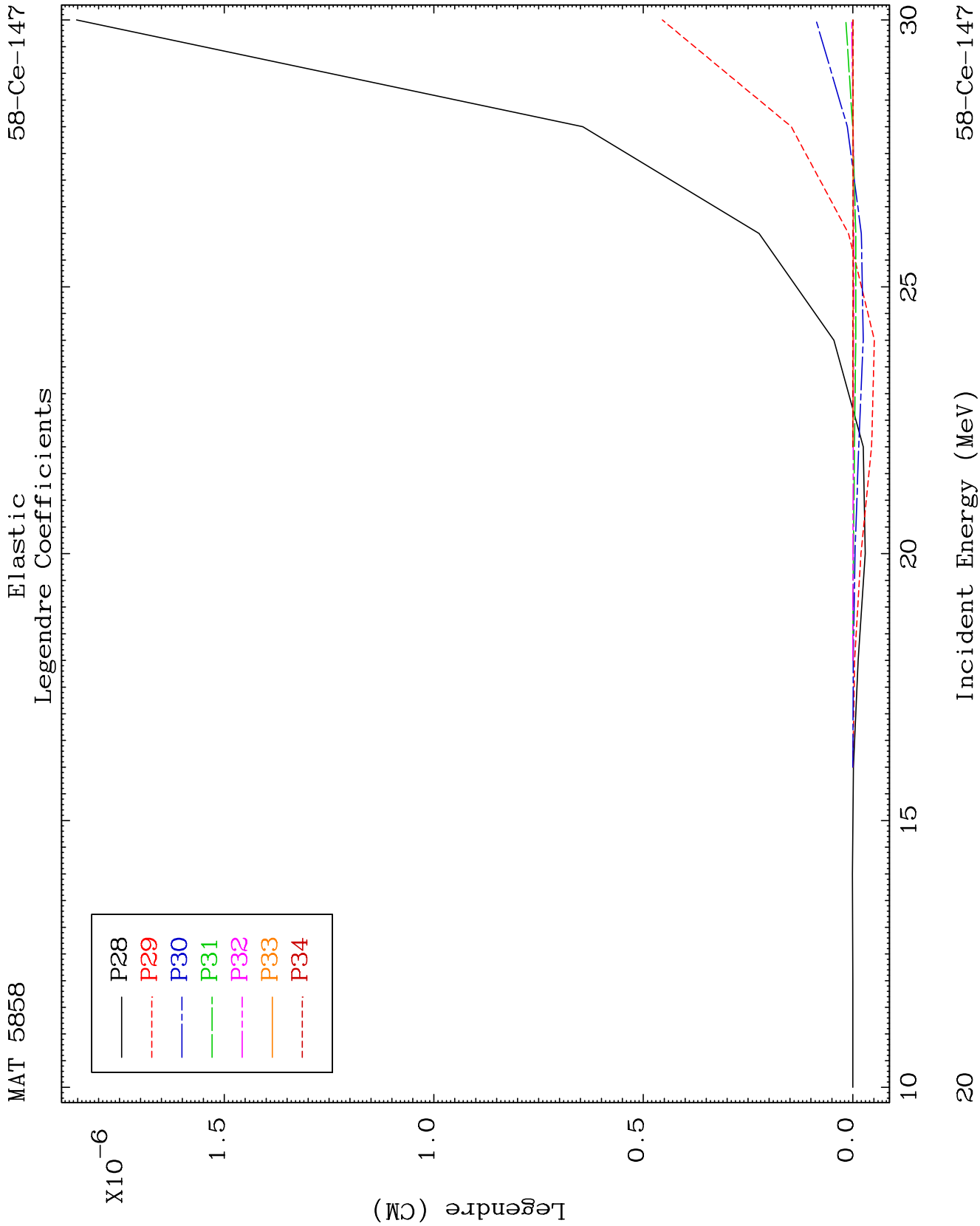
Incident Energy (MeV)

58-Ce-147





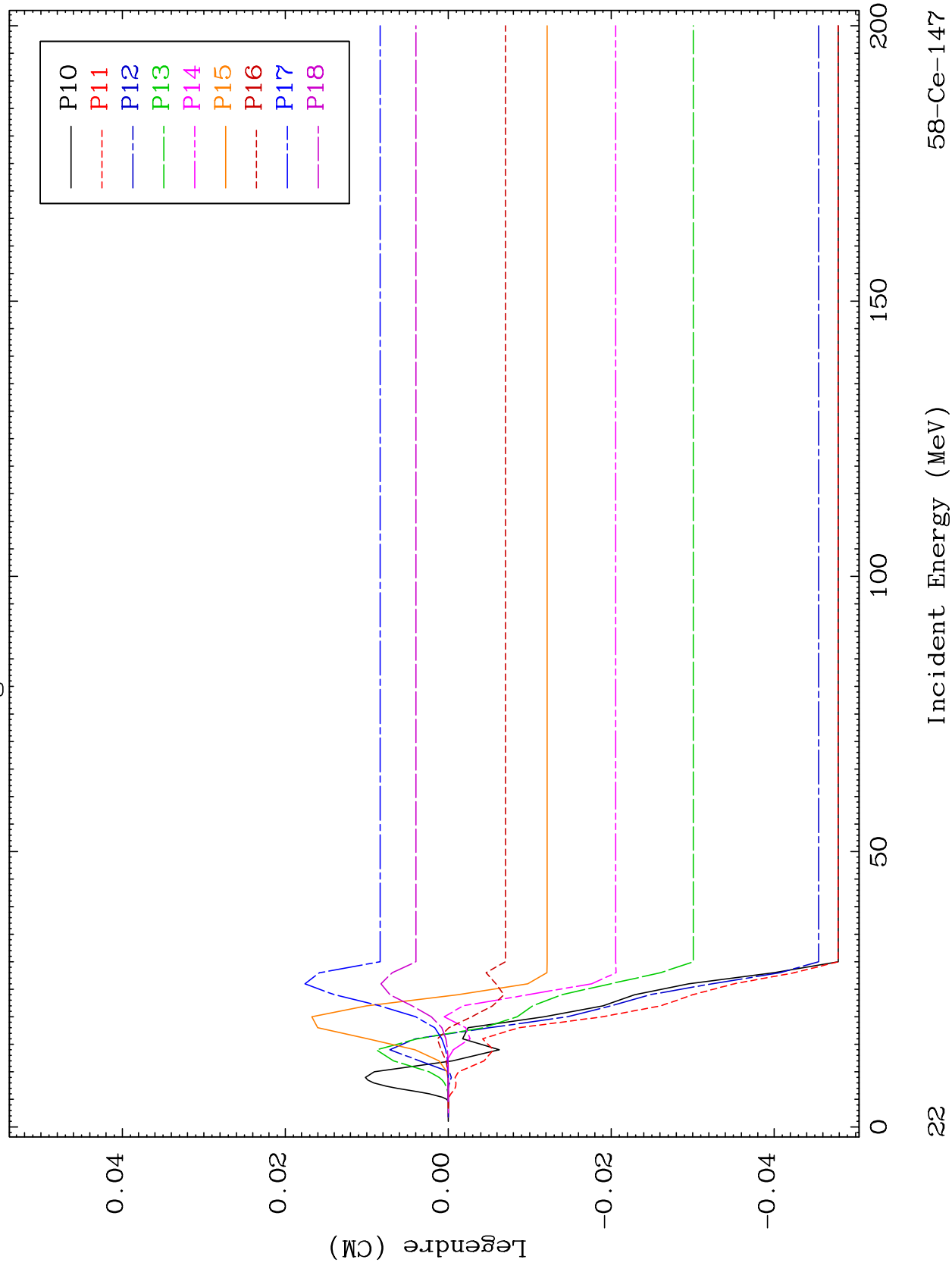


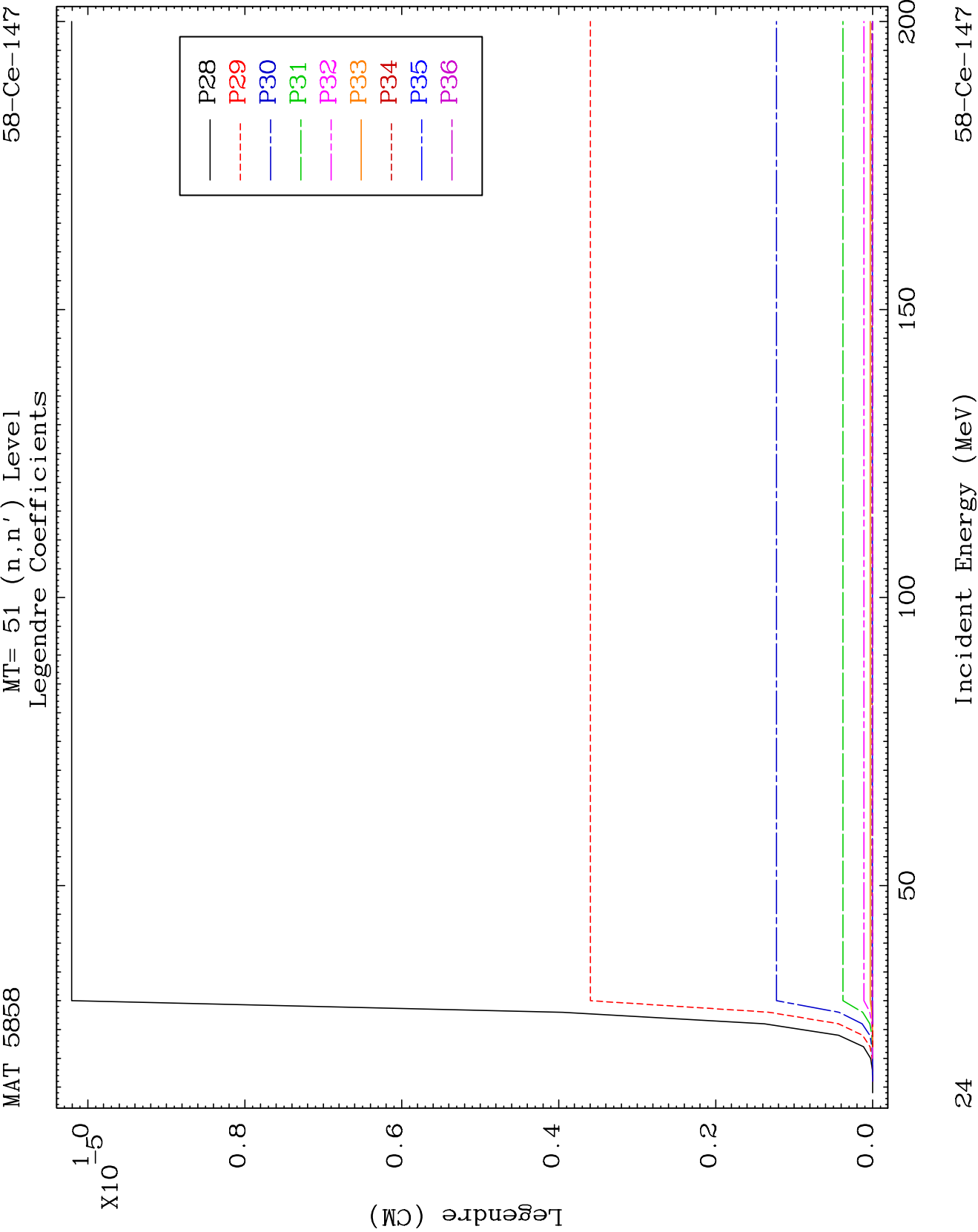


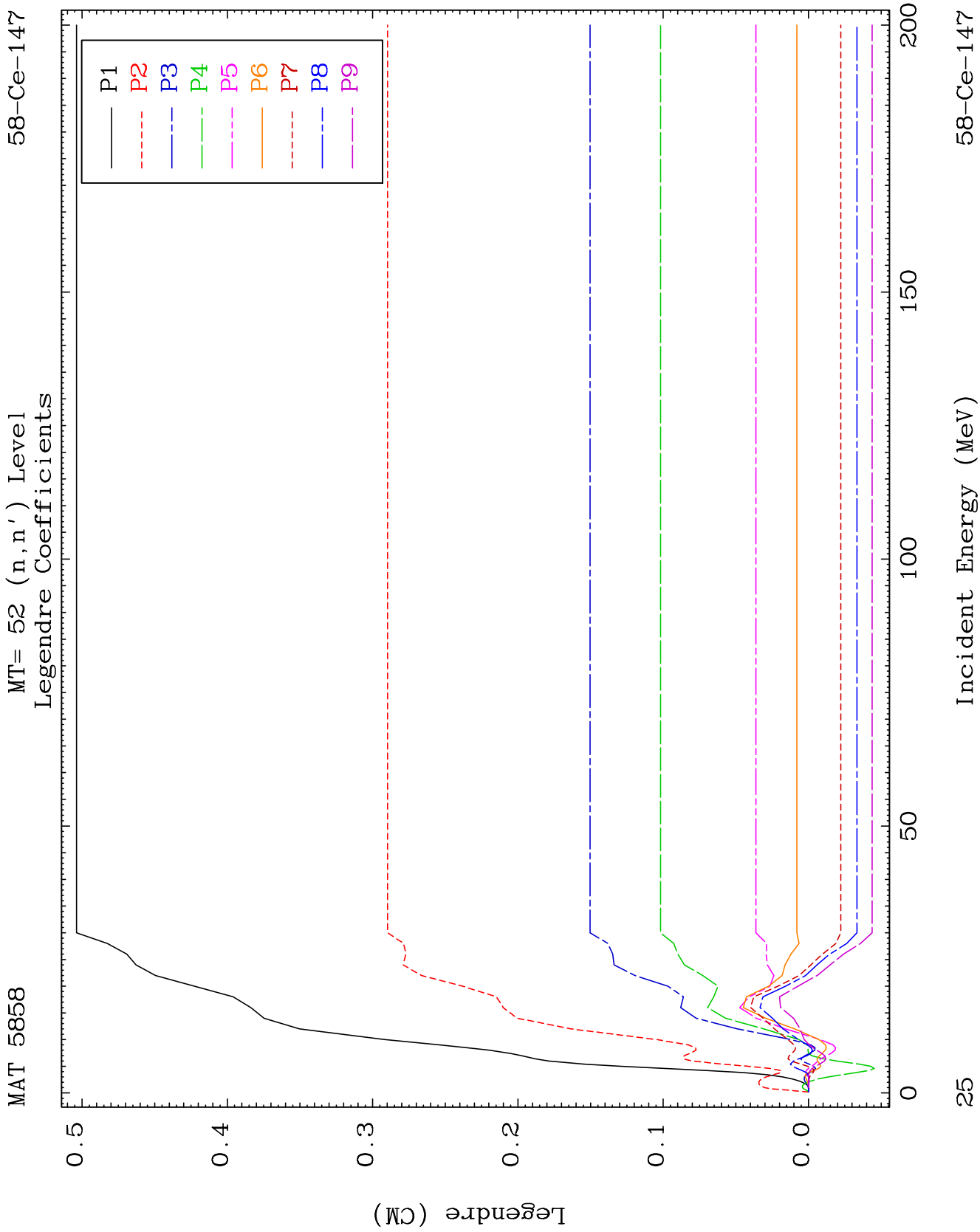
MAT 5858

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

58-Ce-147



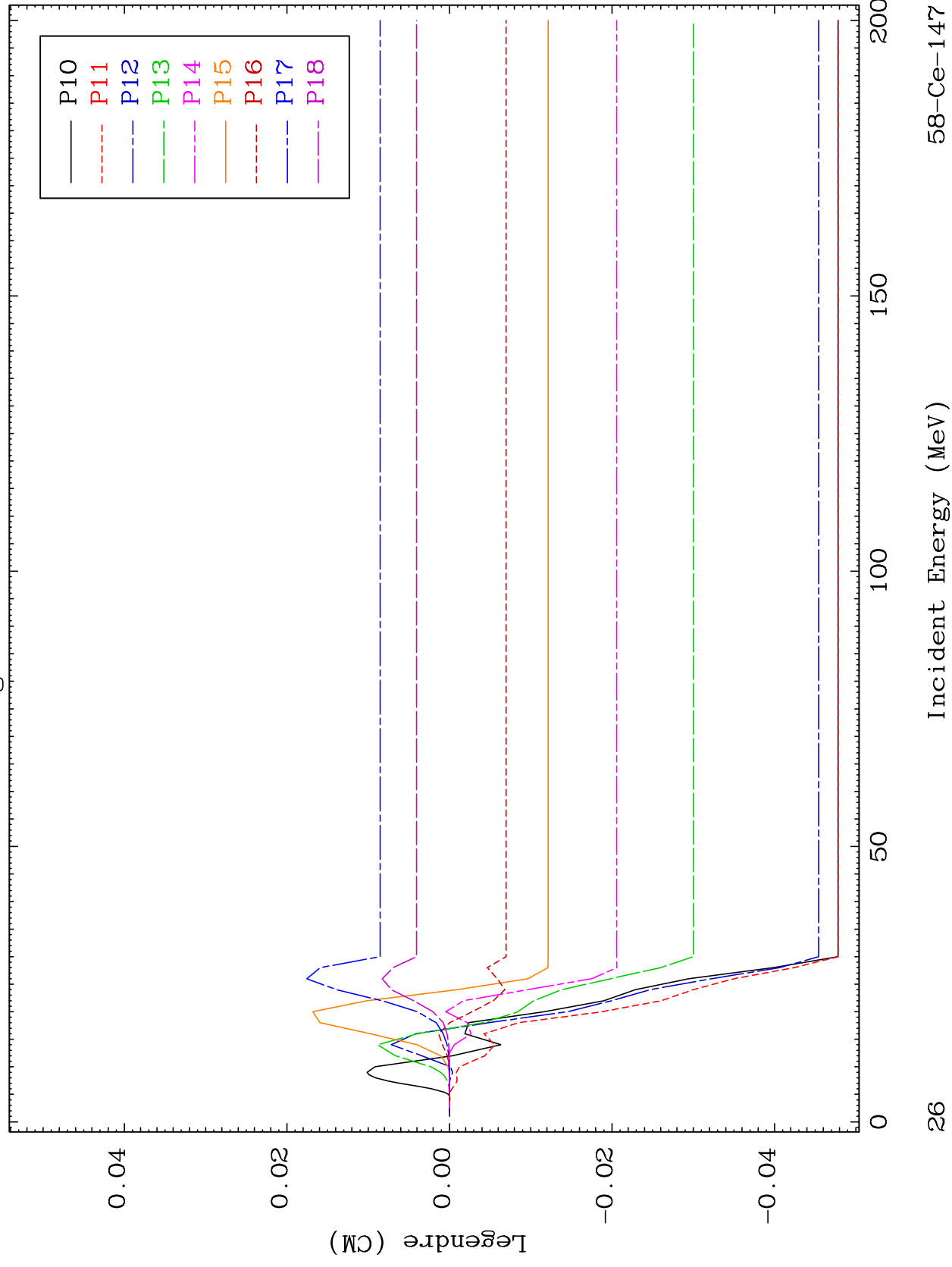


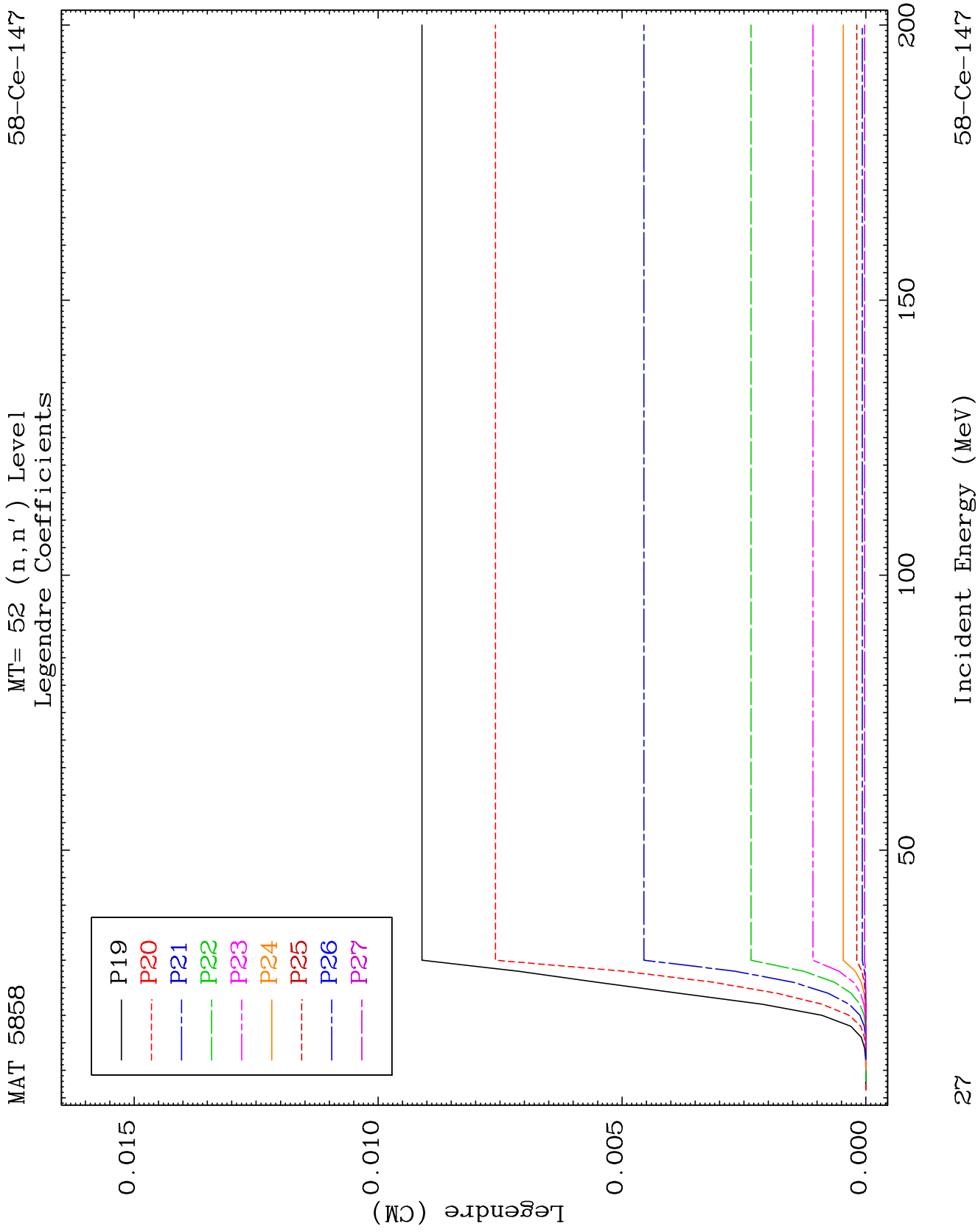


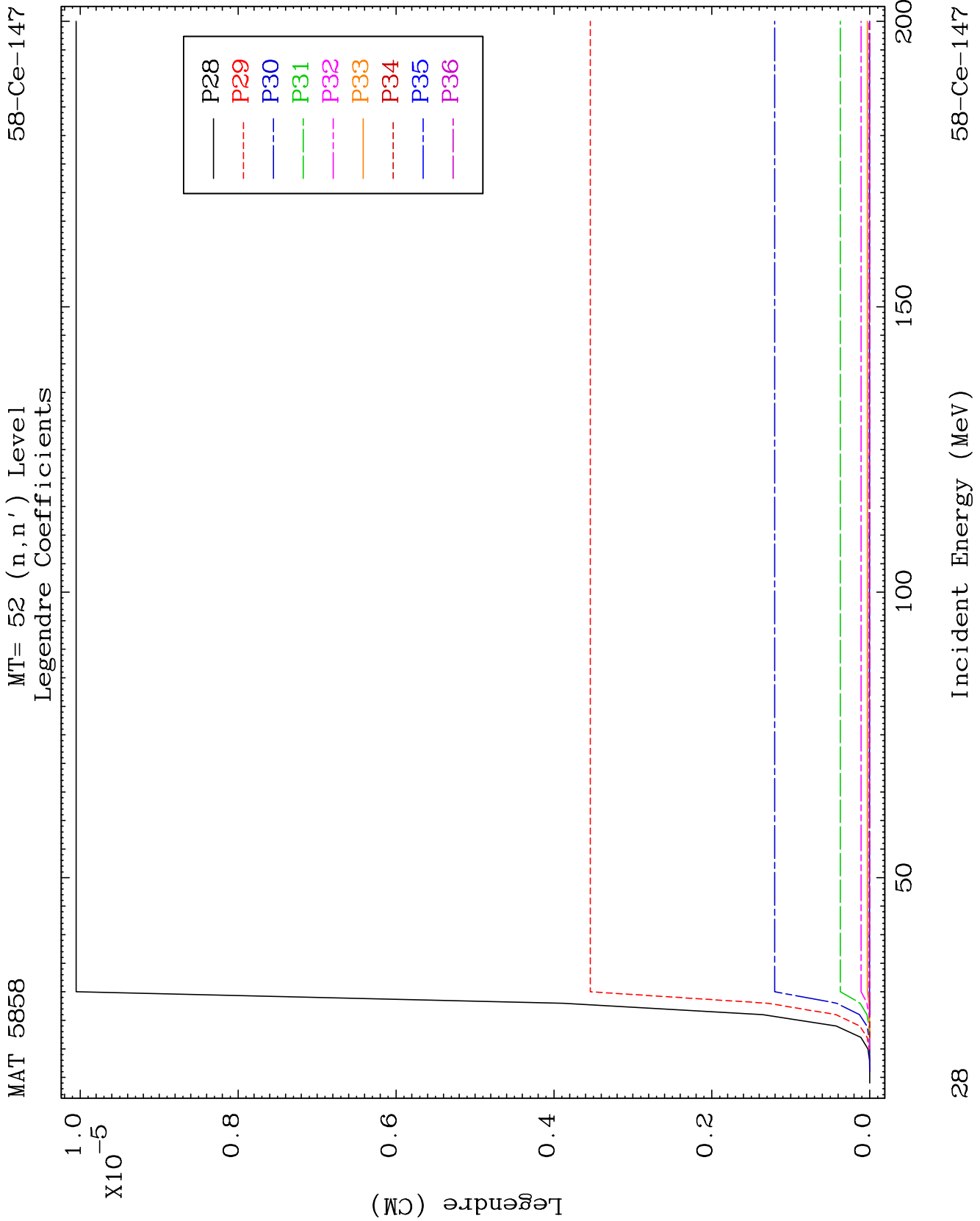
MAT 5858

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

58-Ce-147



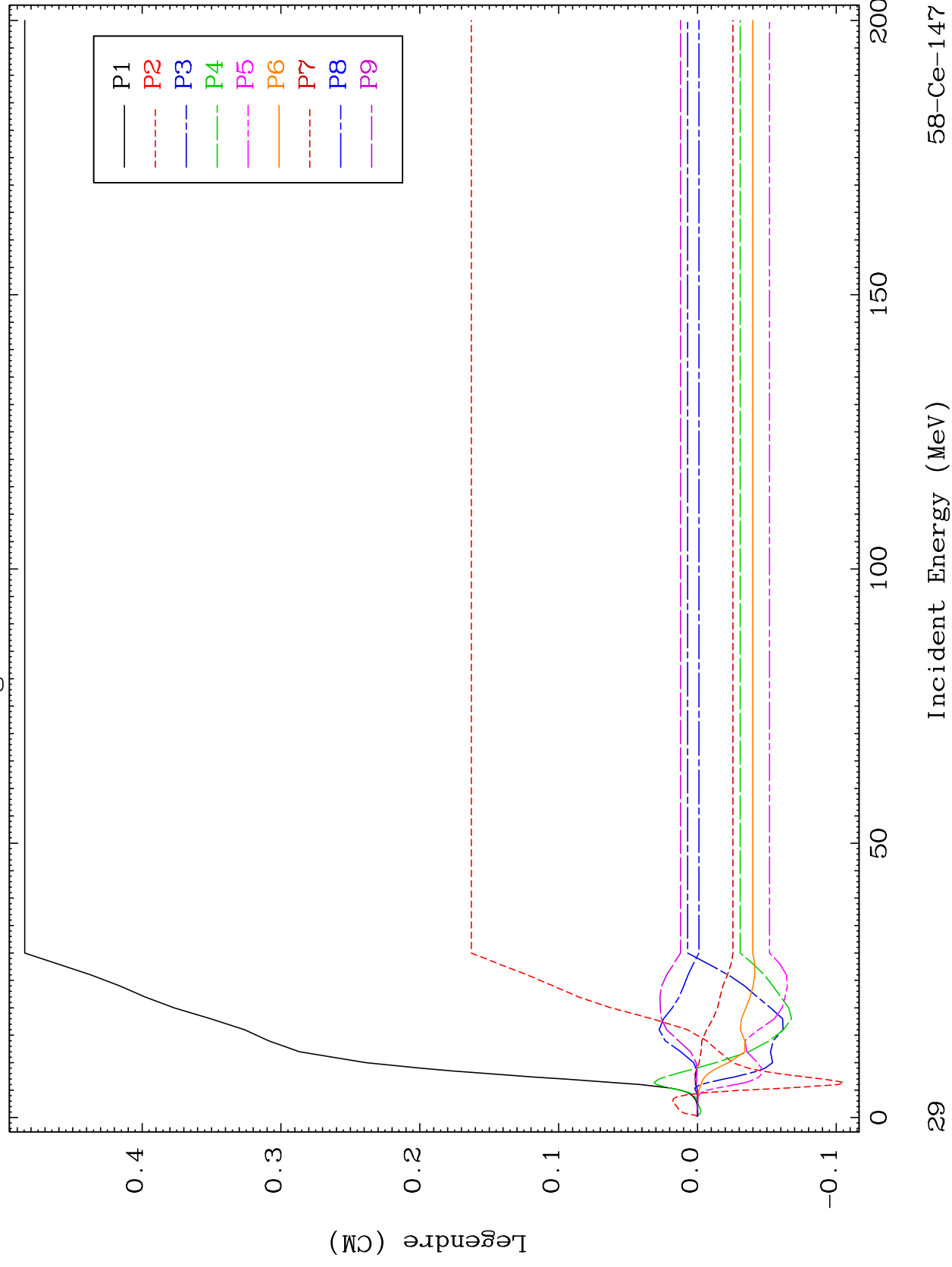




MAT 5858

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

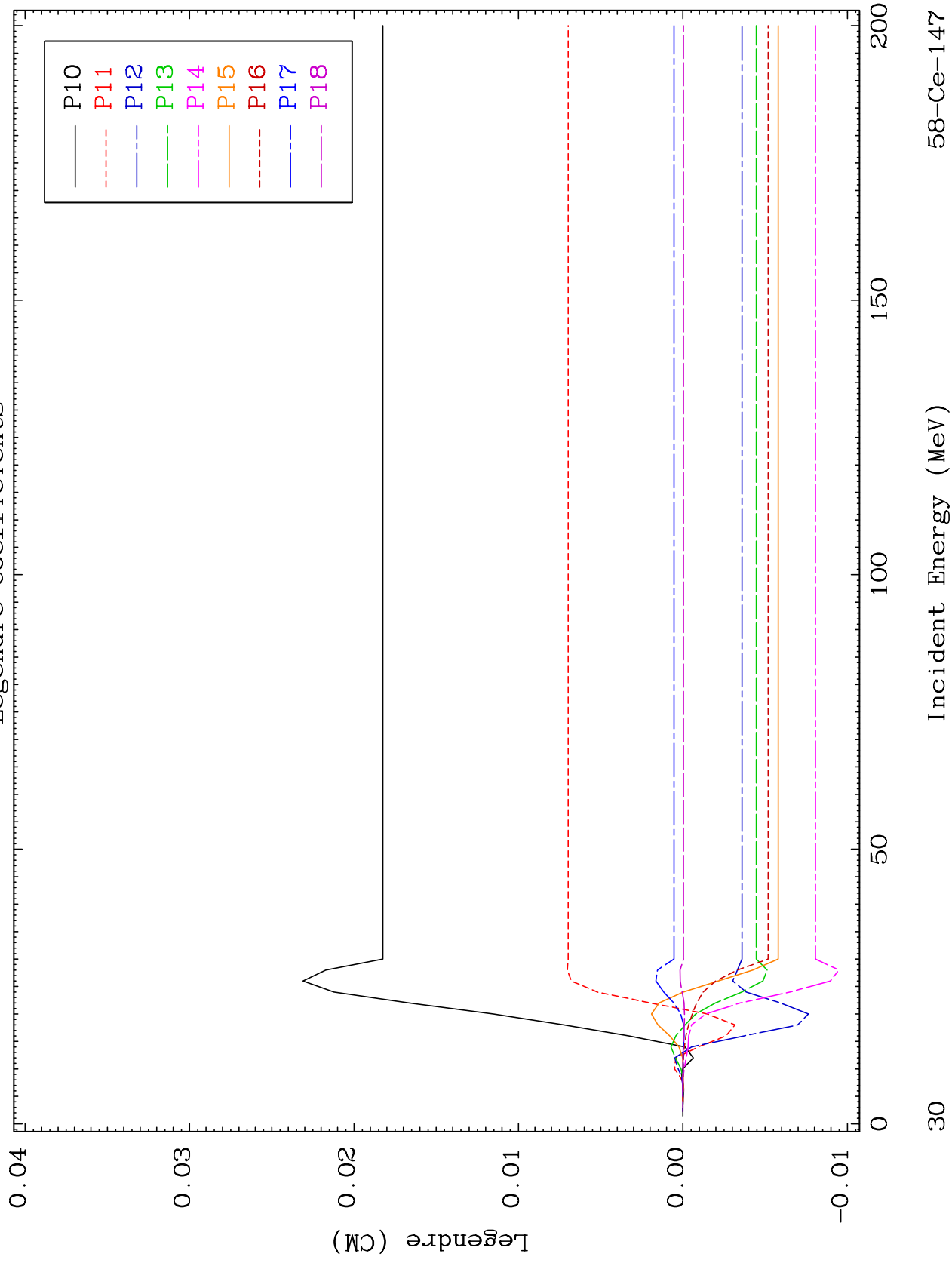
58-Ce-147

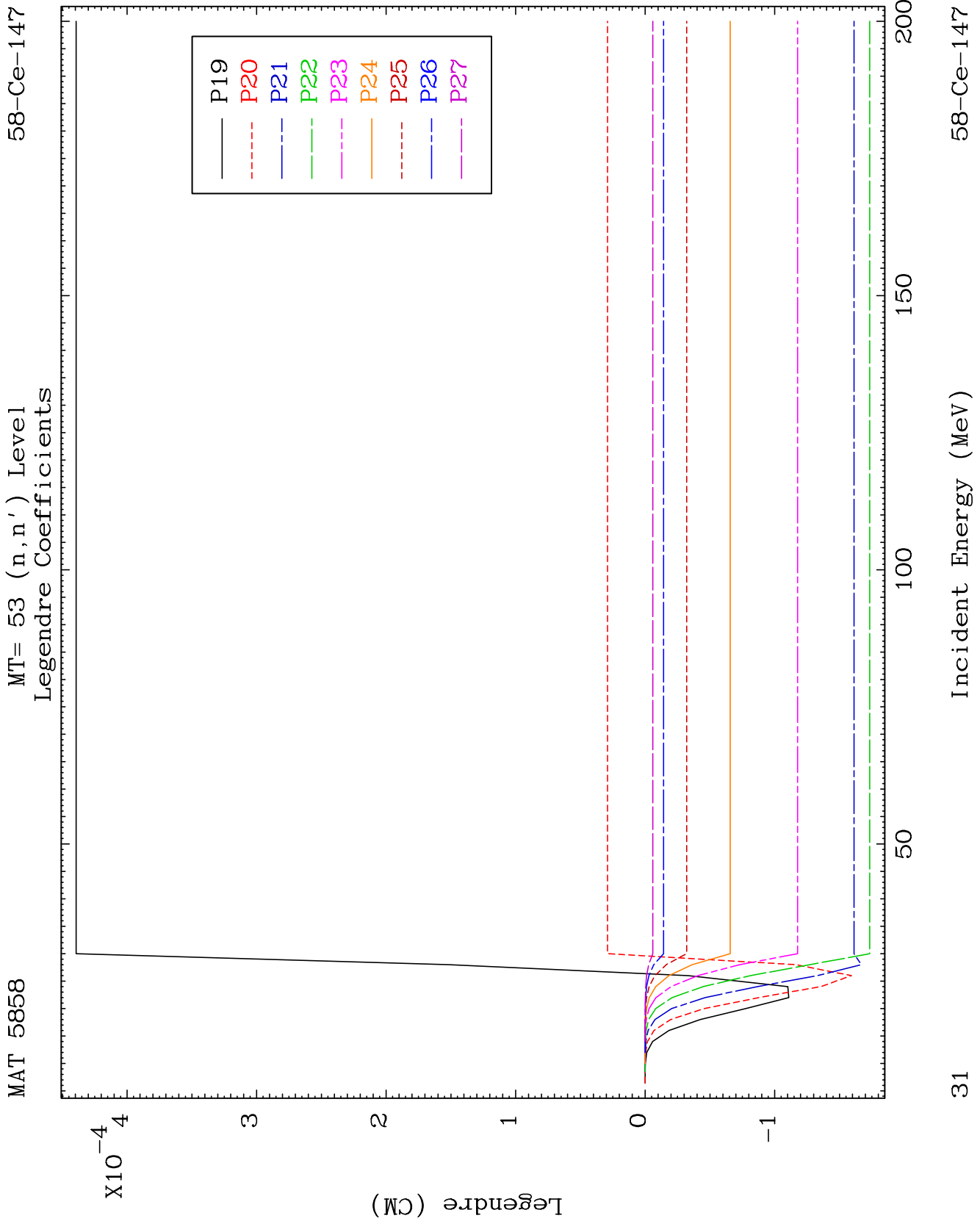


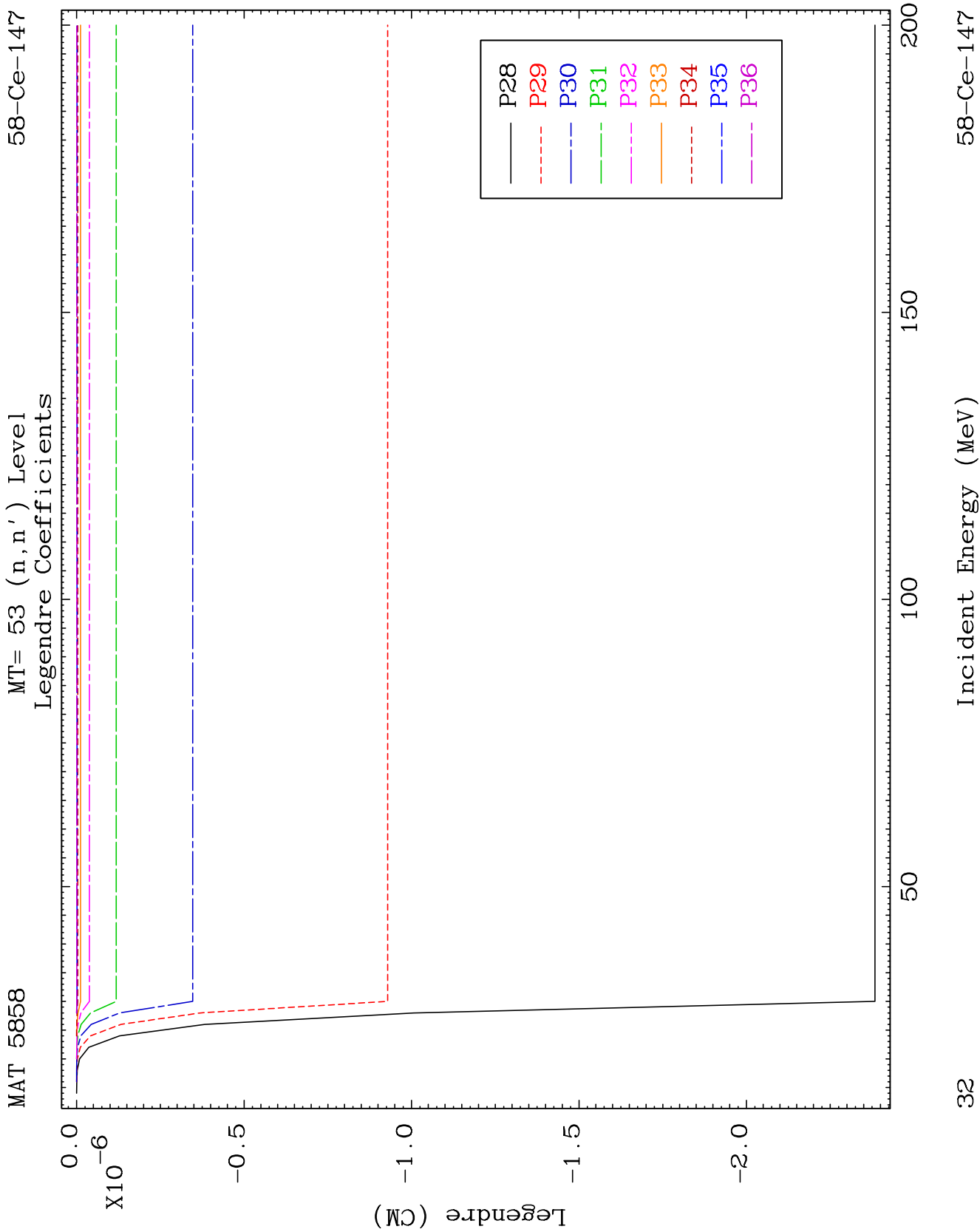
MAT 5858

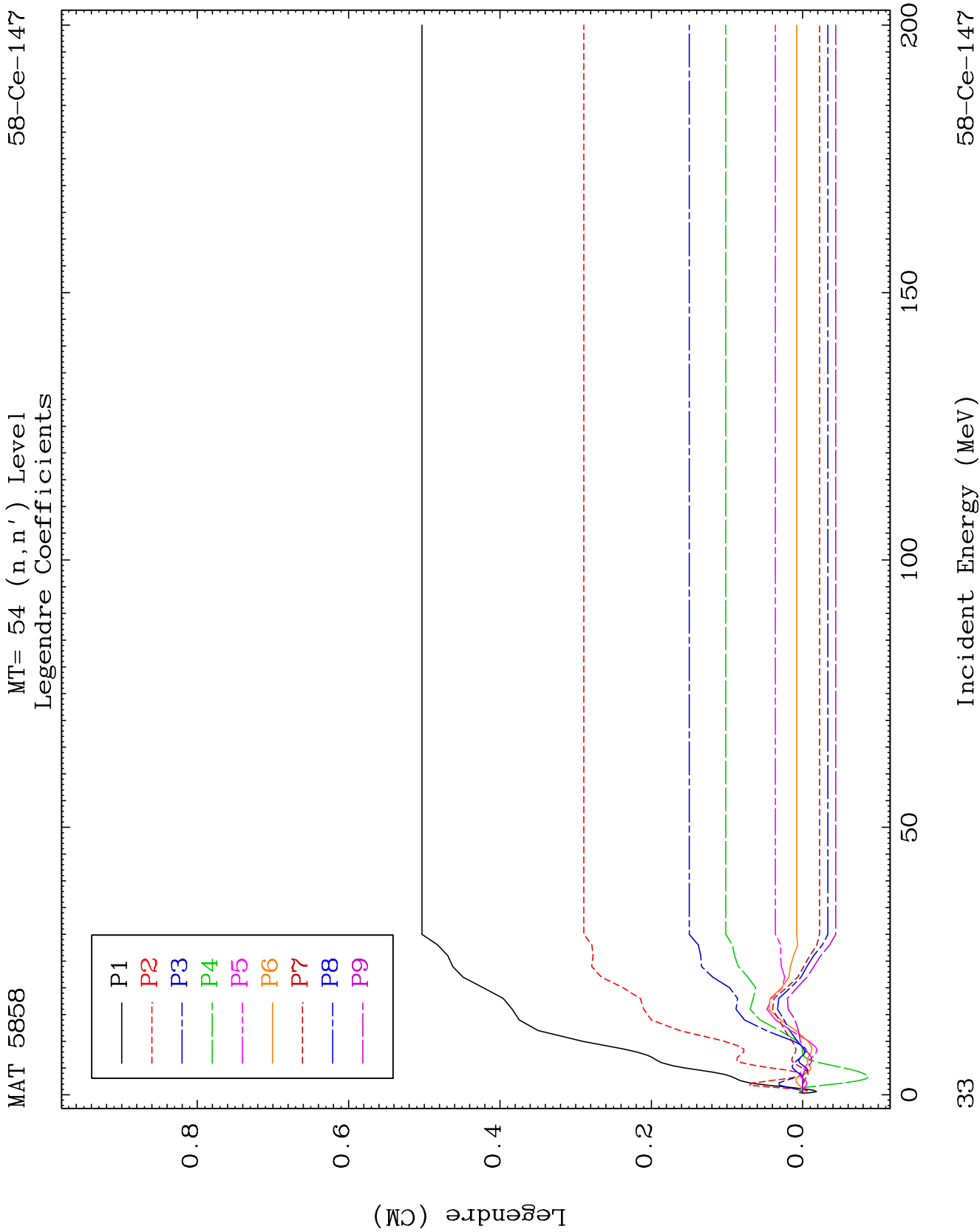
MT= 53 (n, n') Level
Legendre Coefficients

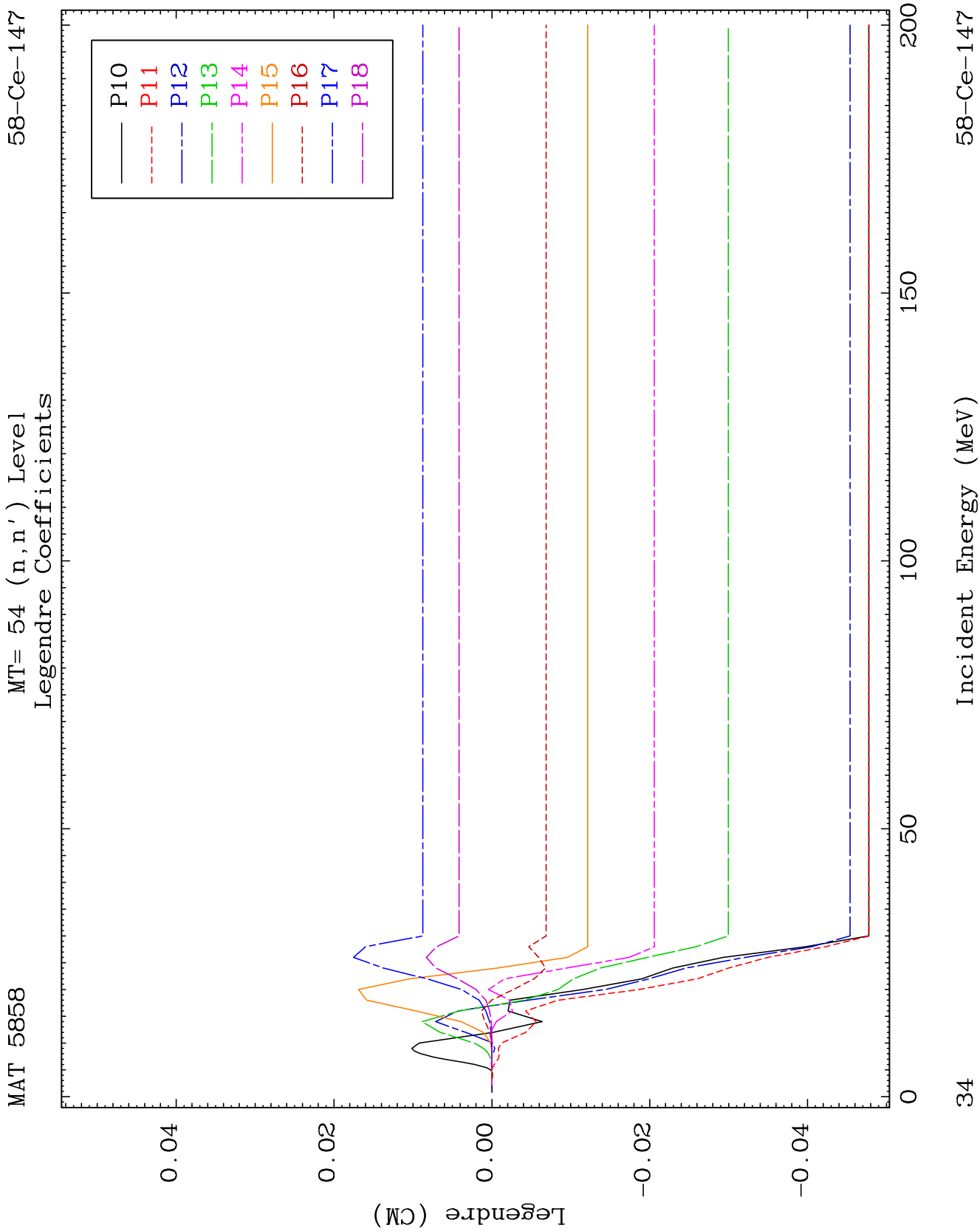
58-Ce-147

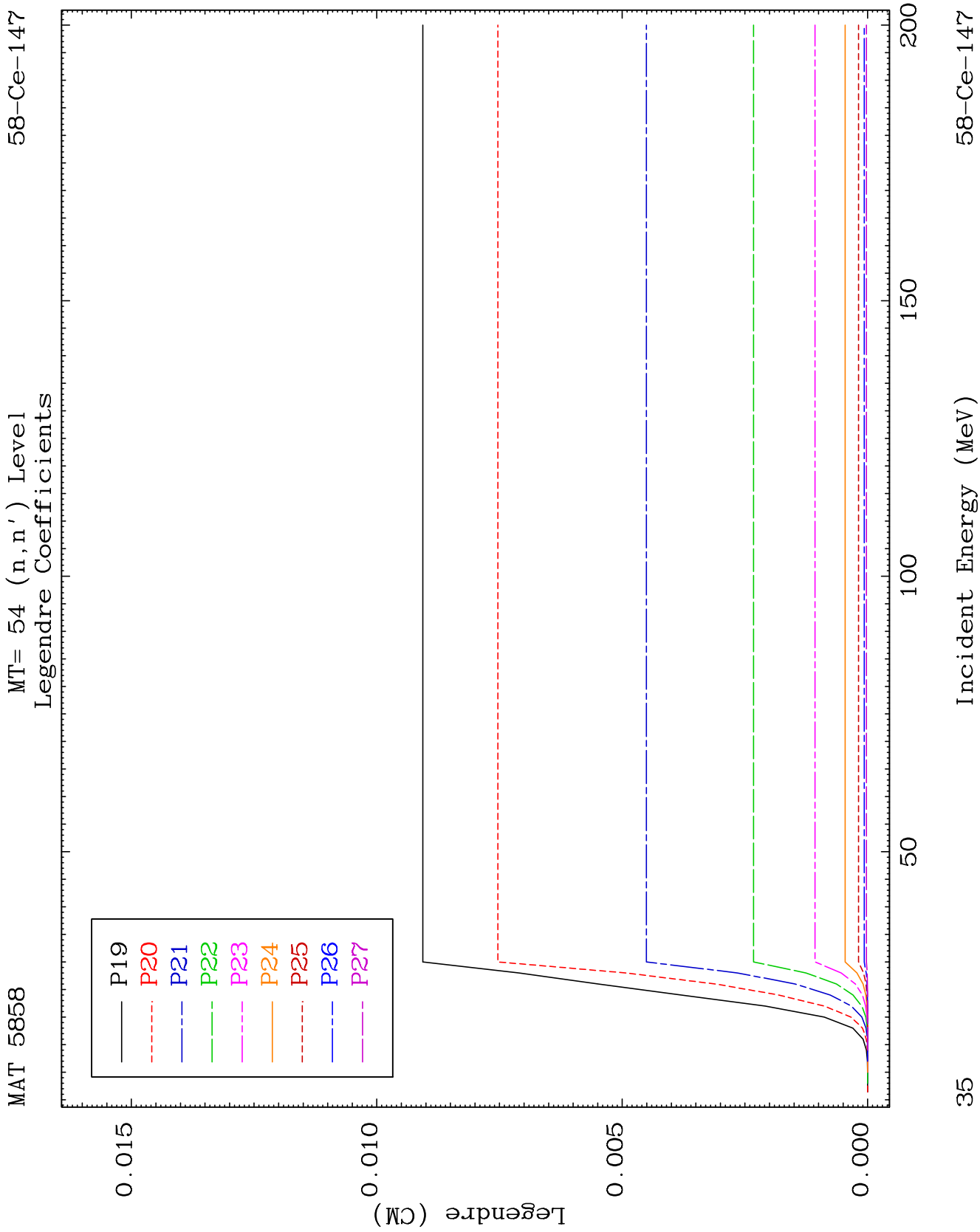


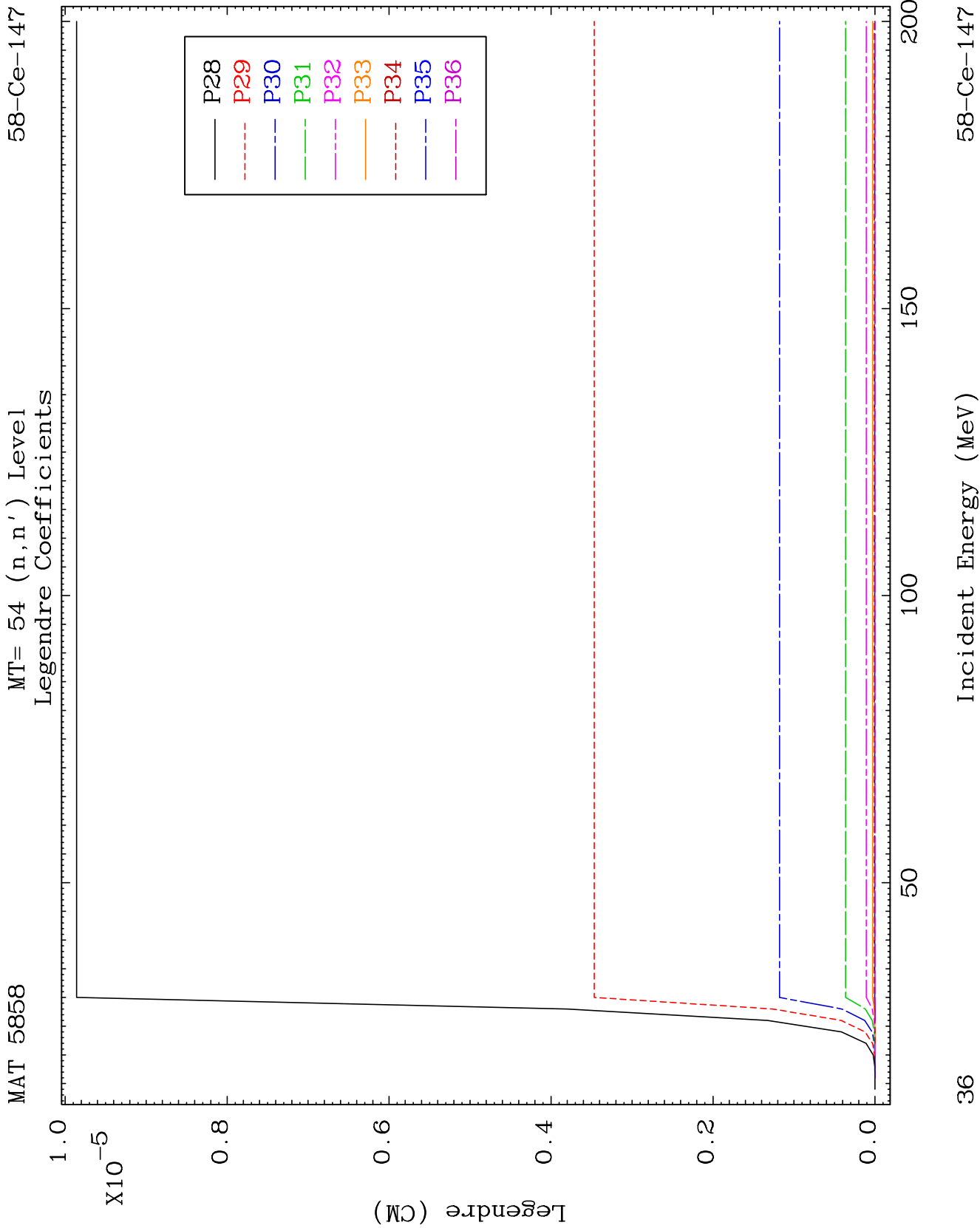








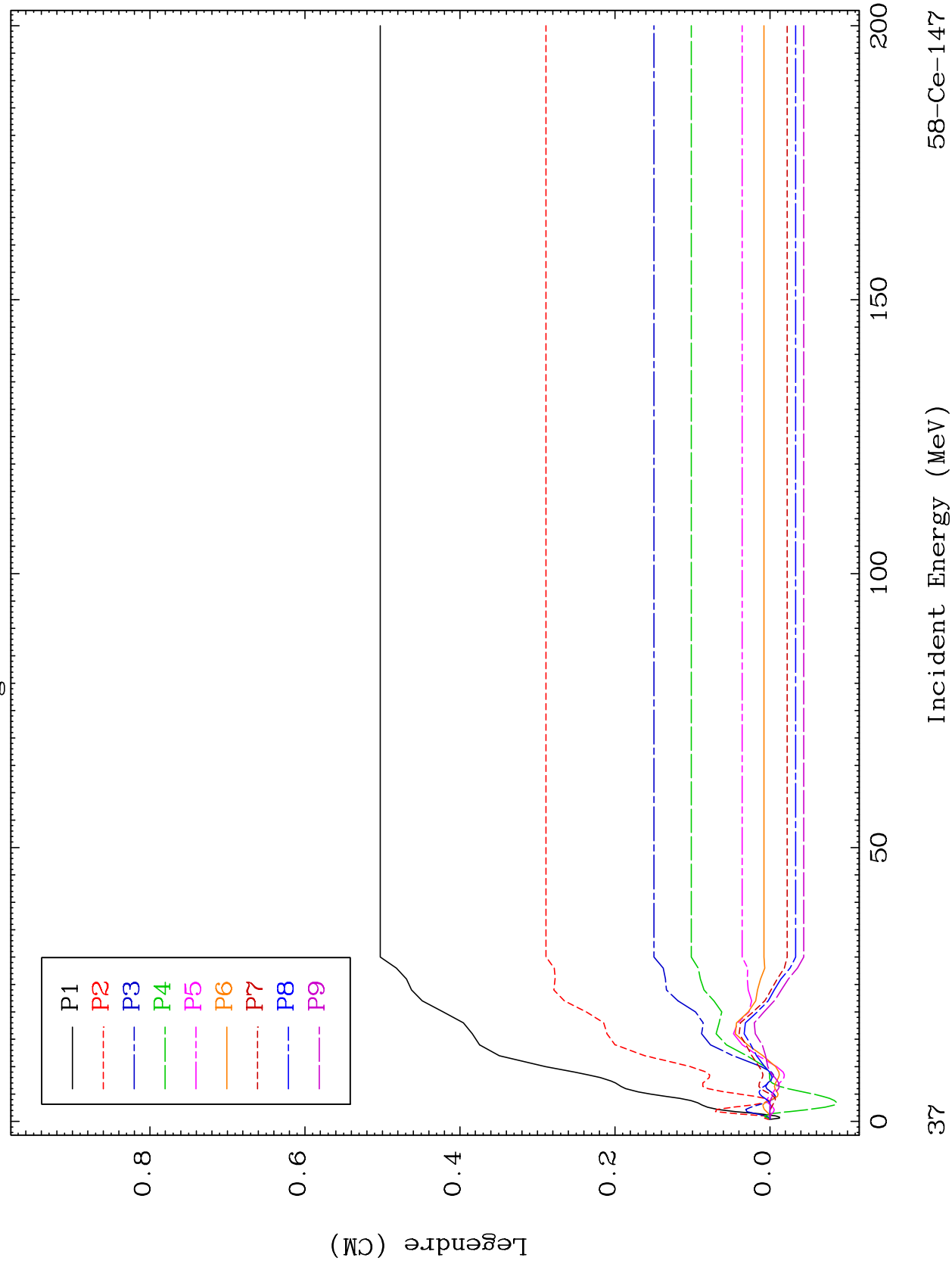




MAT 5858

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

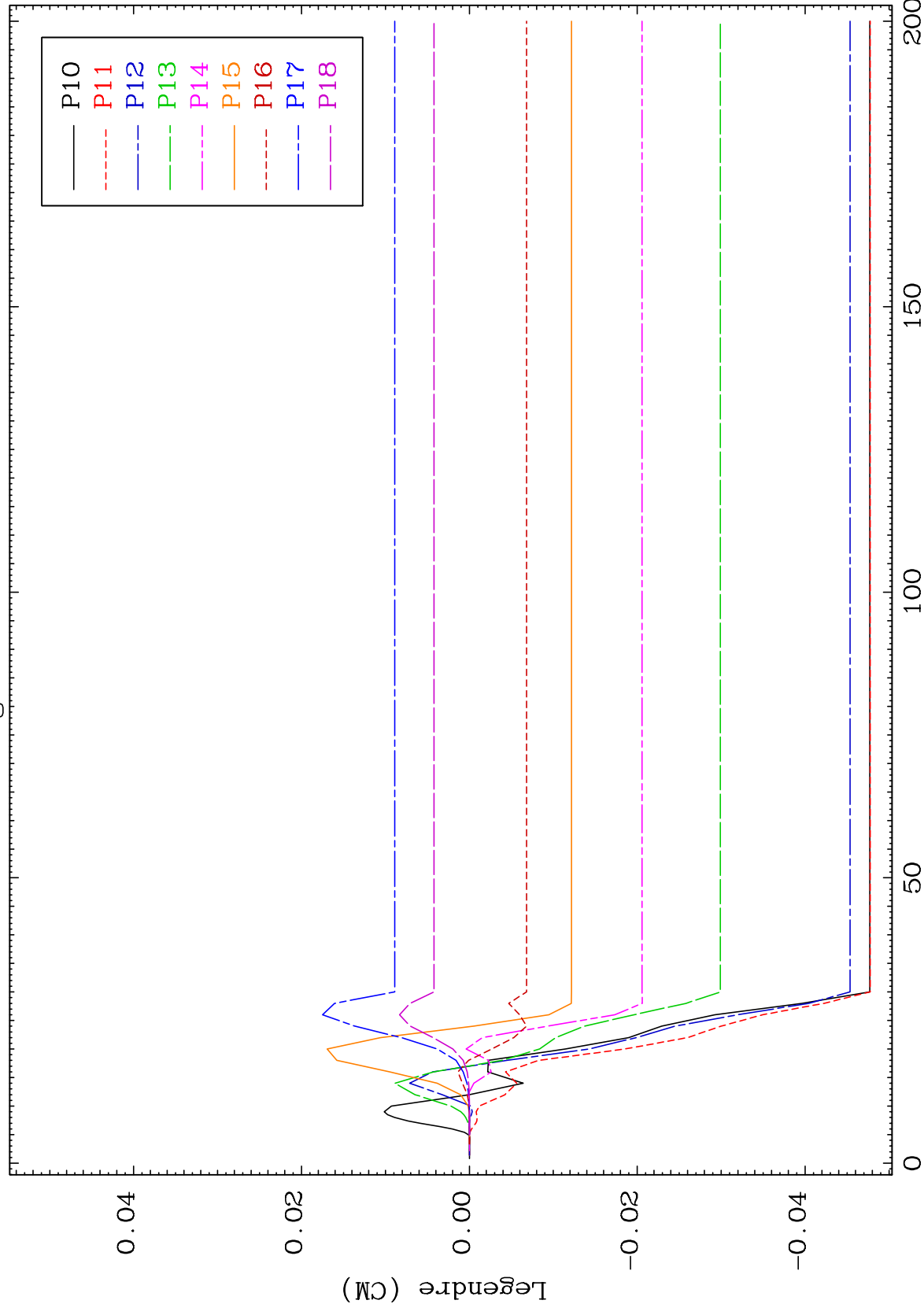
58-Ce-147



MAT 5858

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

58-Ce-147



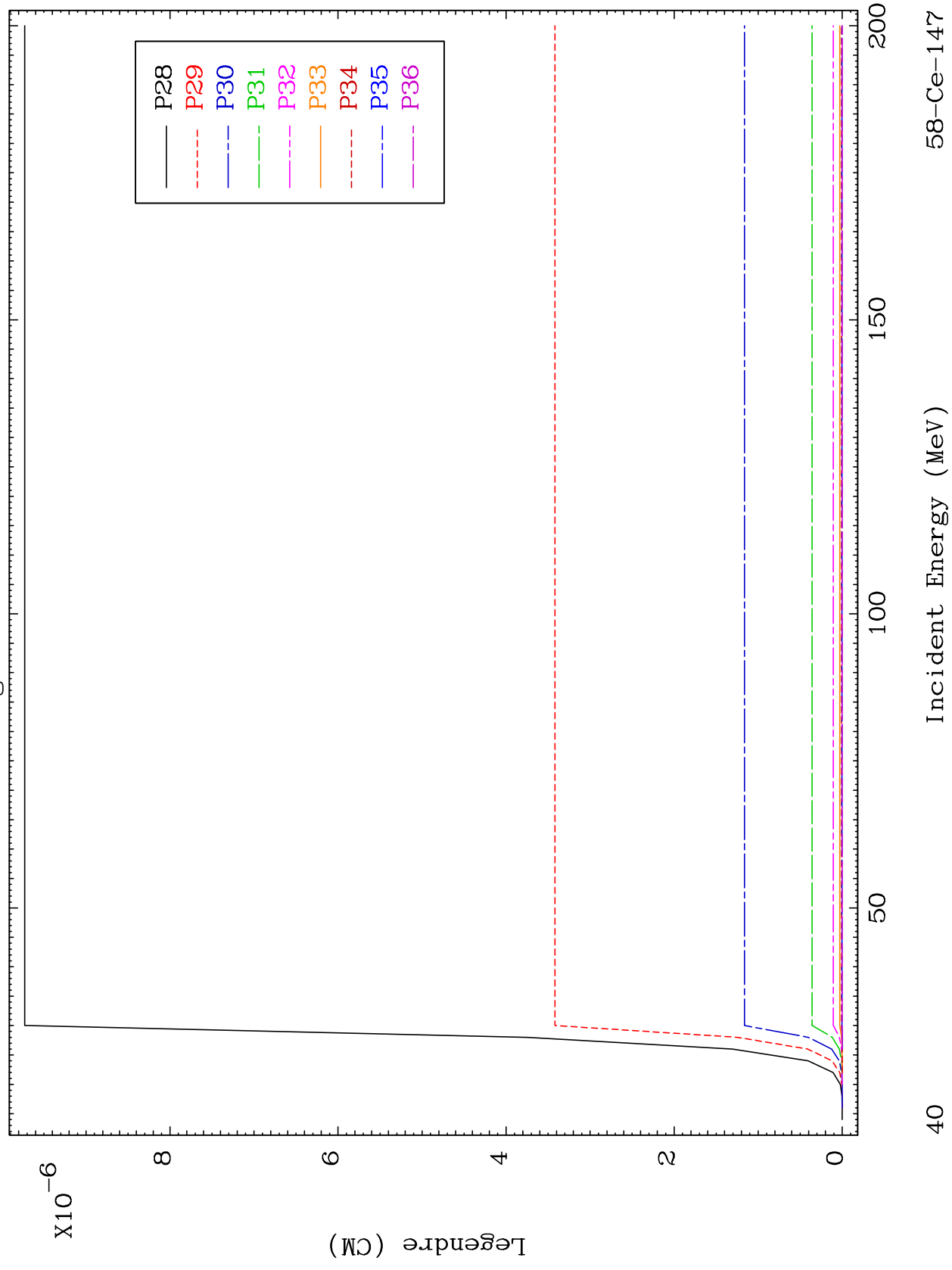
58-Ce-147

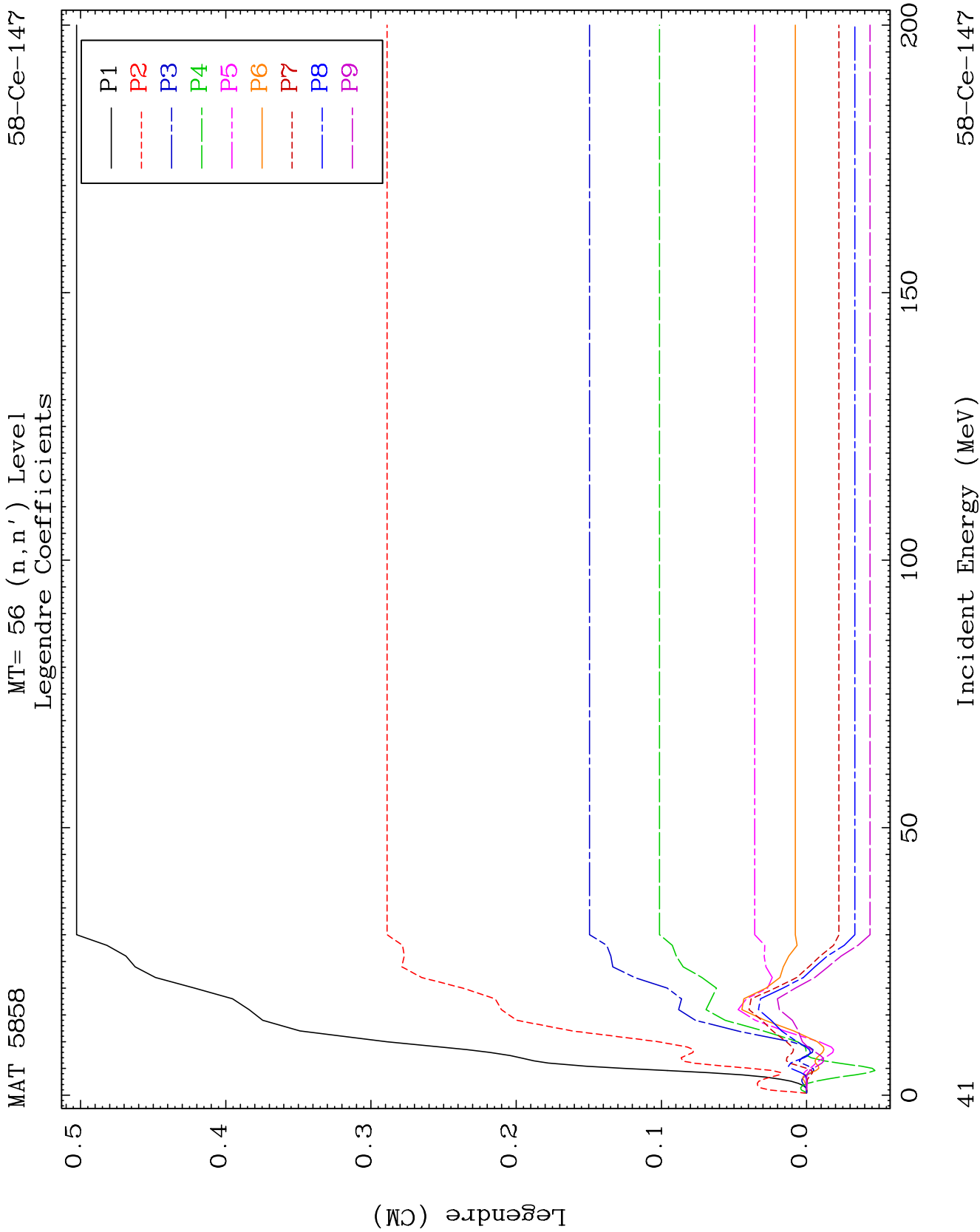
Incident Energy (MeV)

MAT 5858

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

58-Ce-147

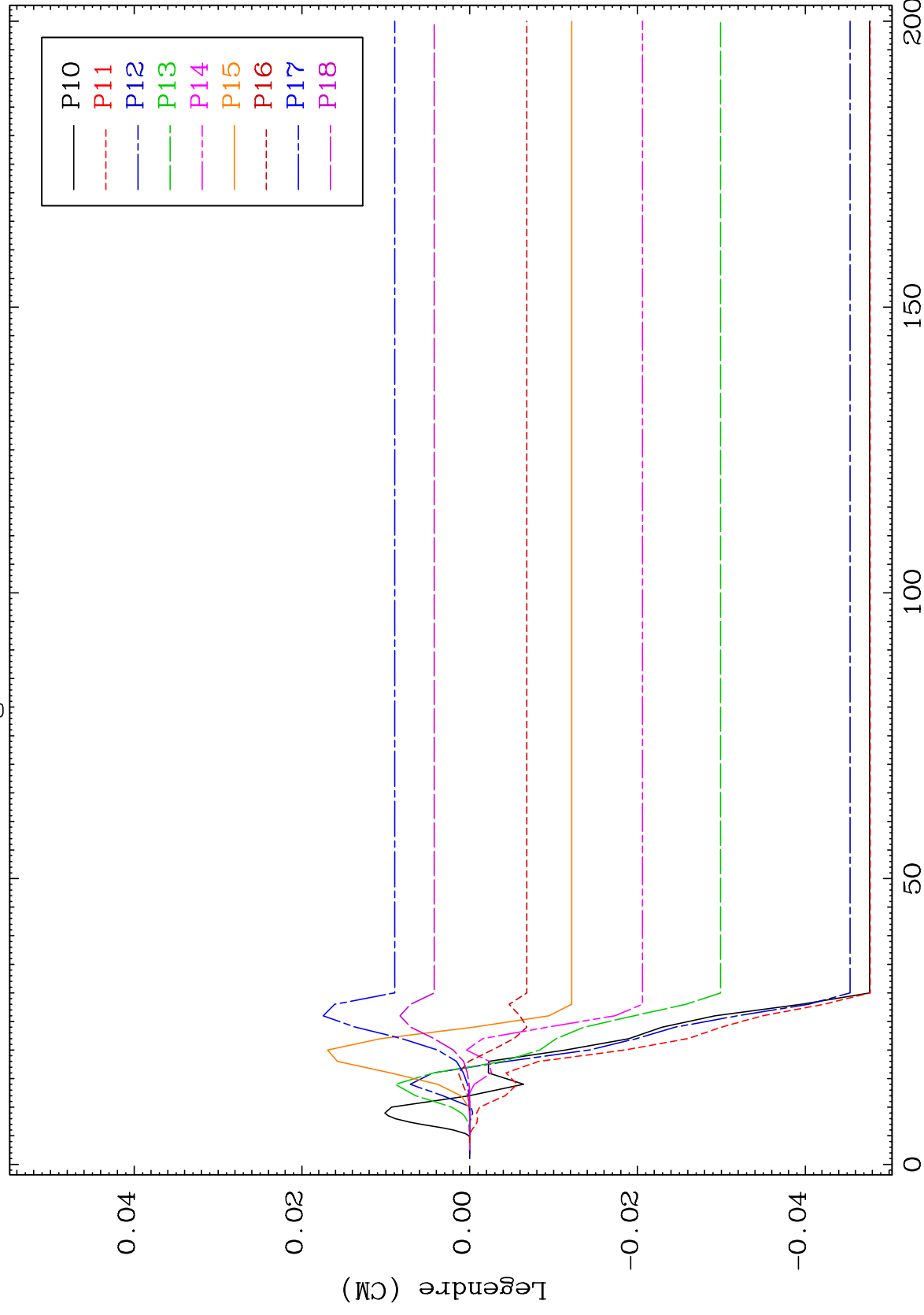




MAT 5858

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

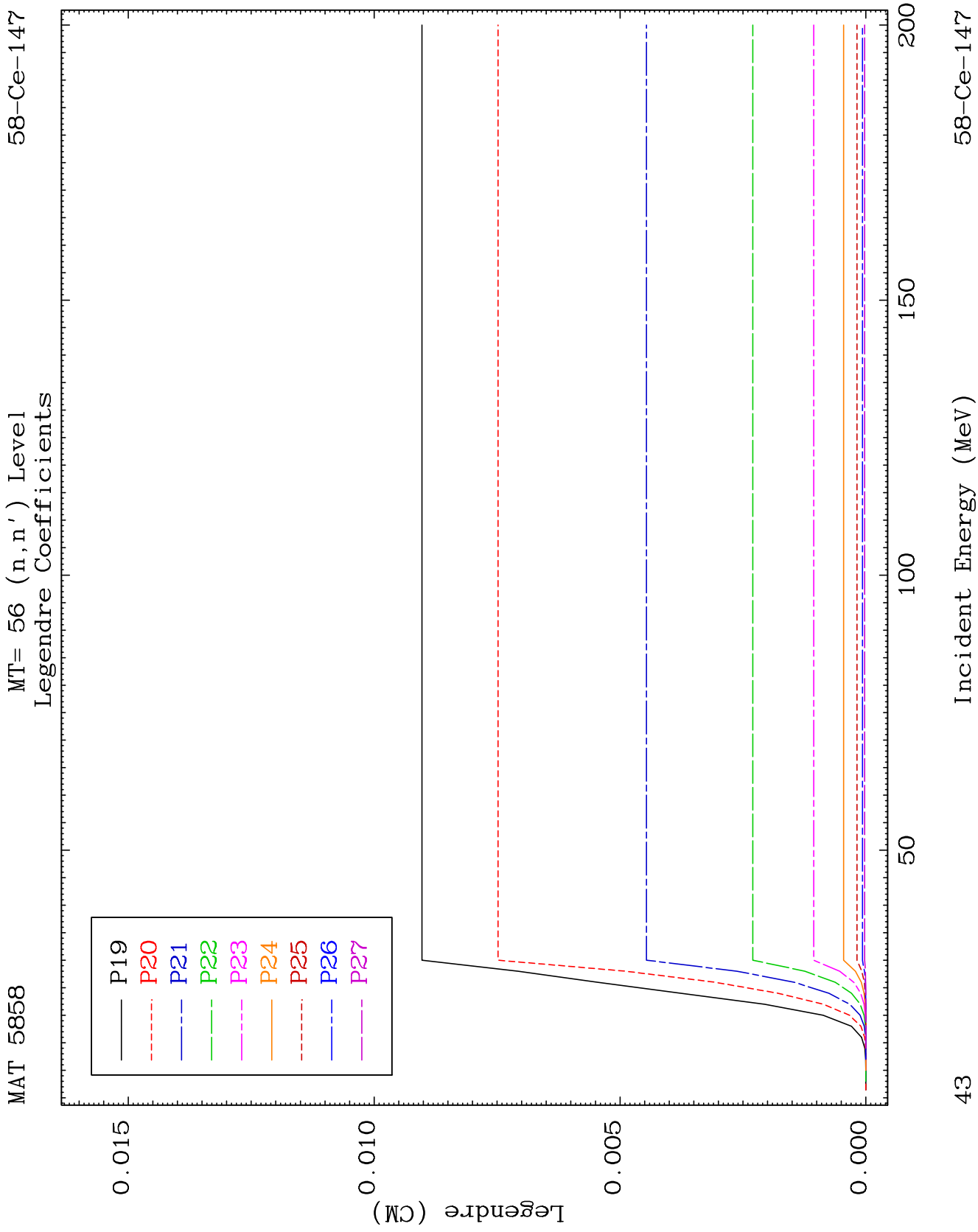
58-Ce-147

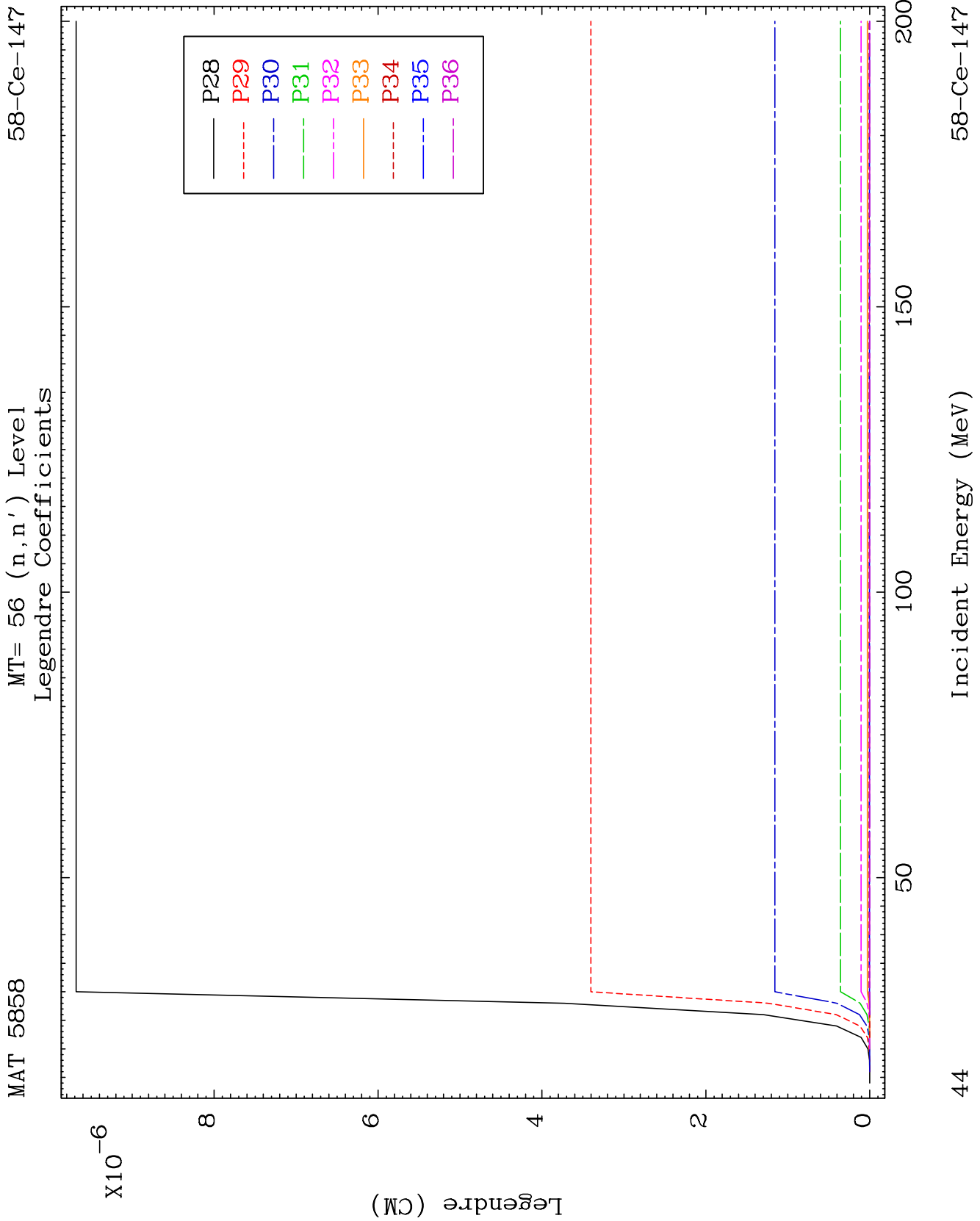


42

Incident Energy (MeV)

58-Ce-147

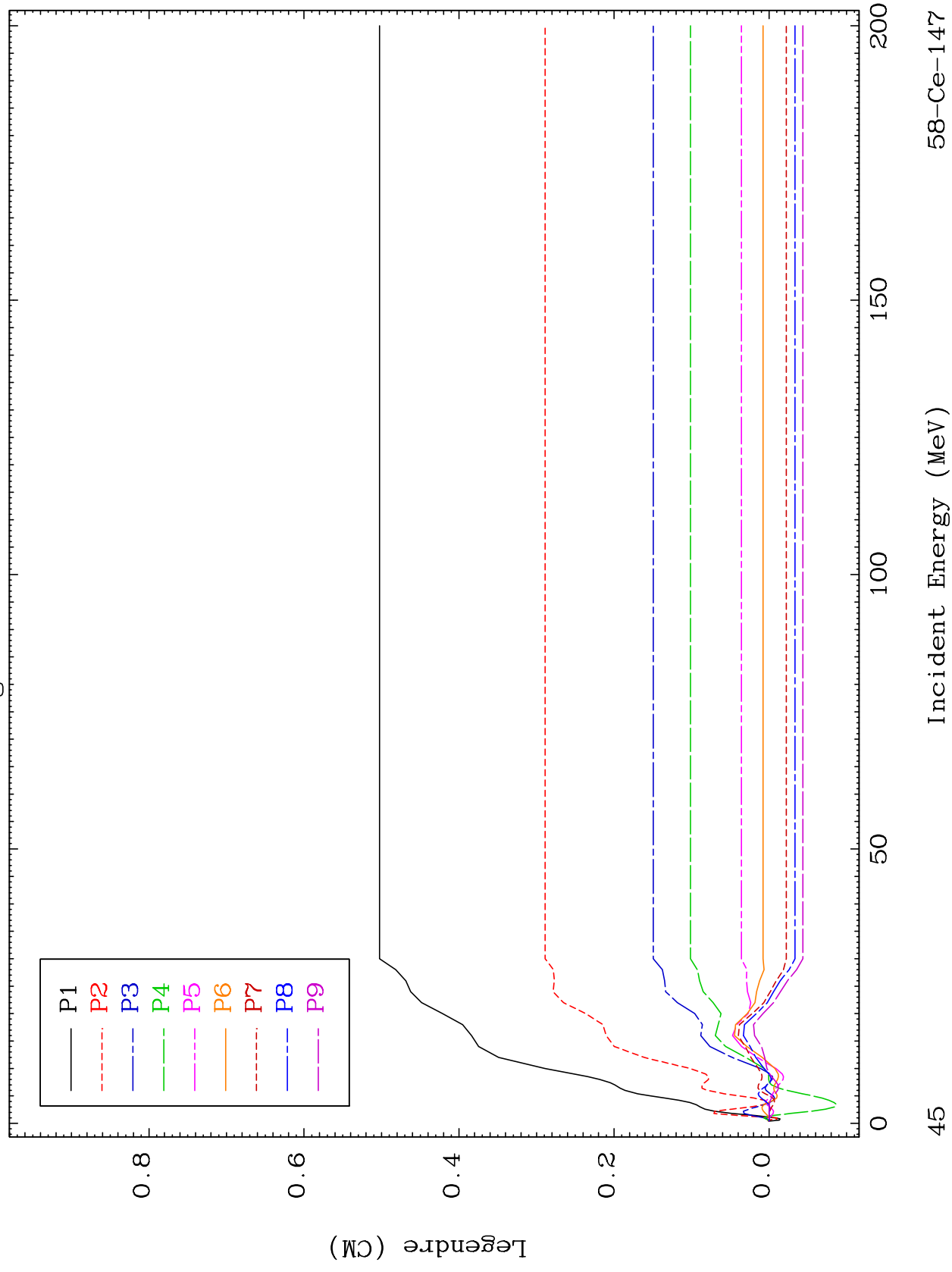


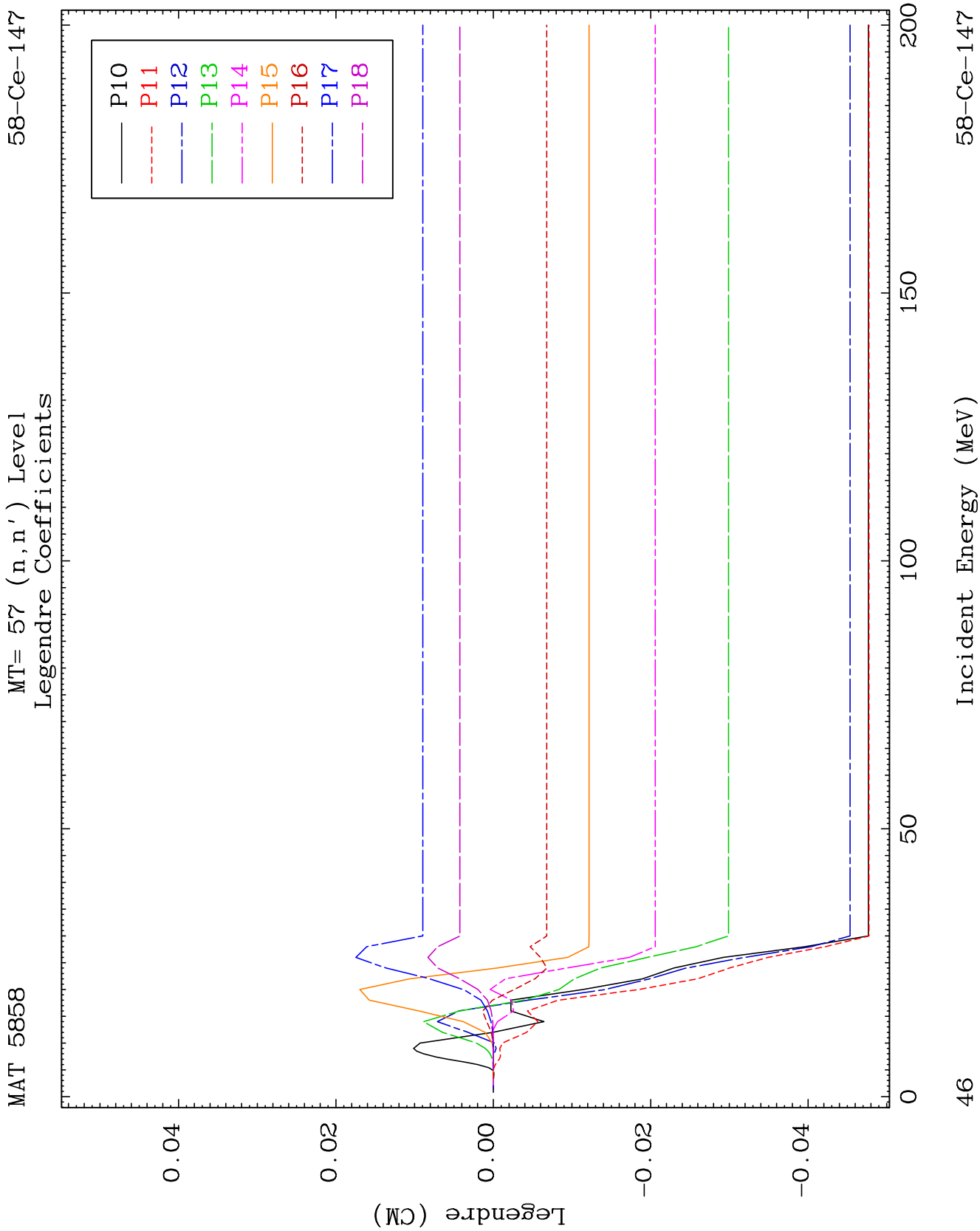


MAT 5858

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

58-Ce-147

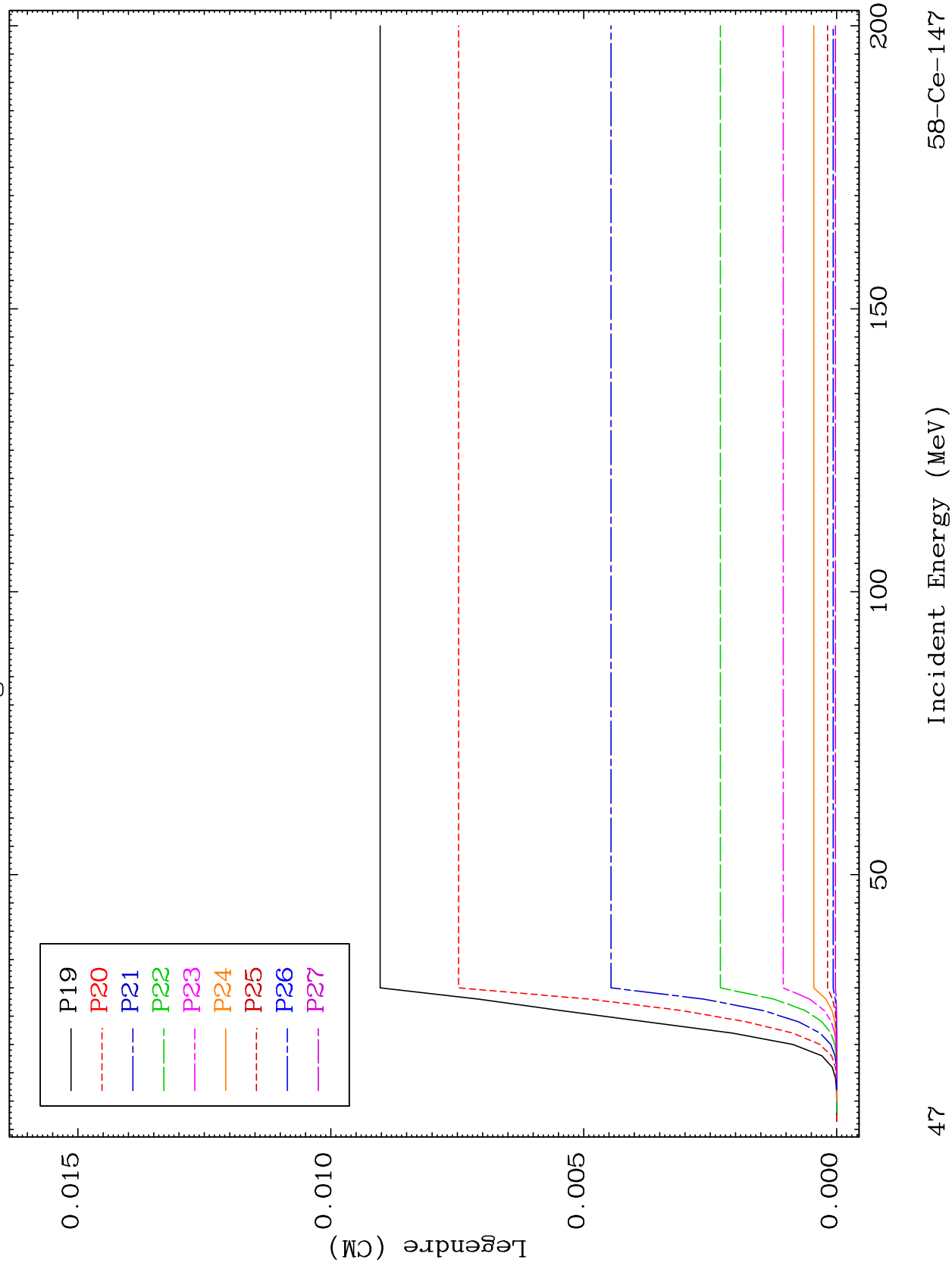




MAT 5858

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

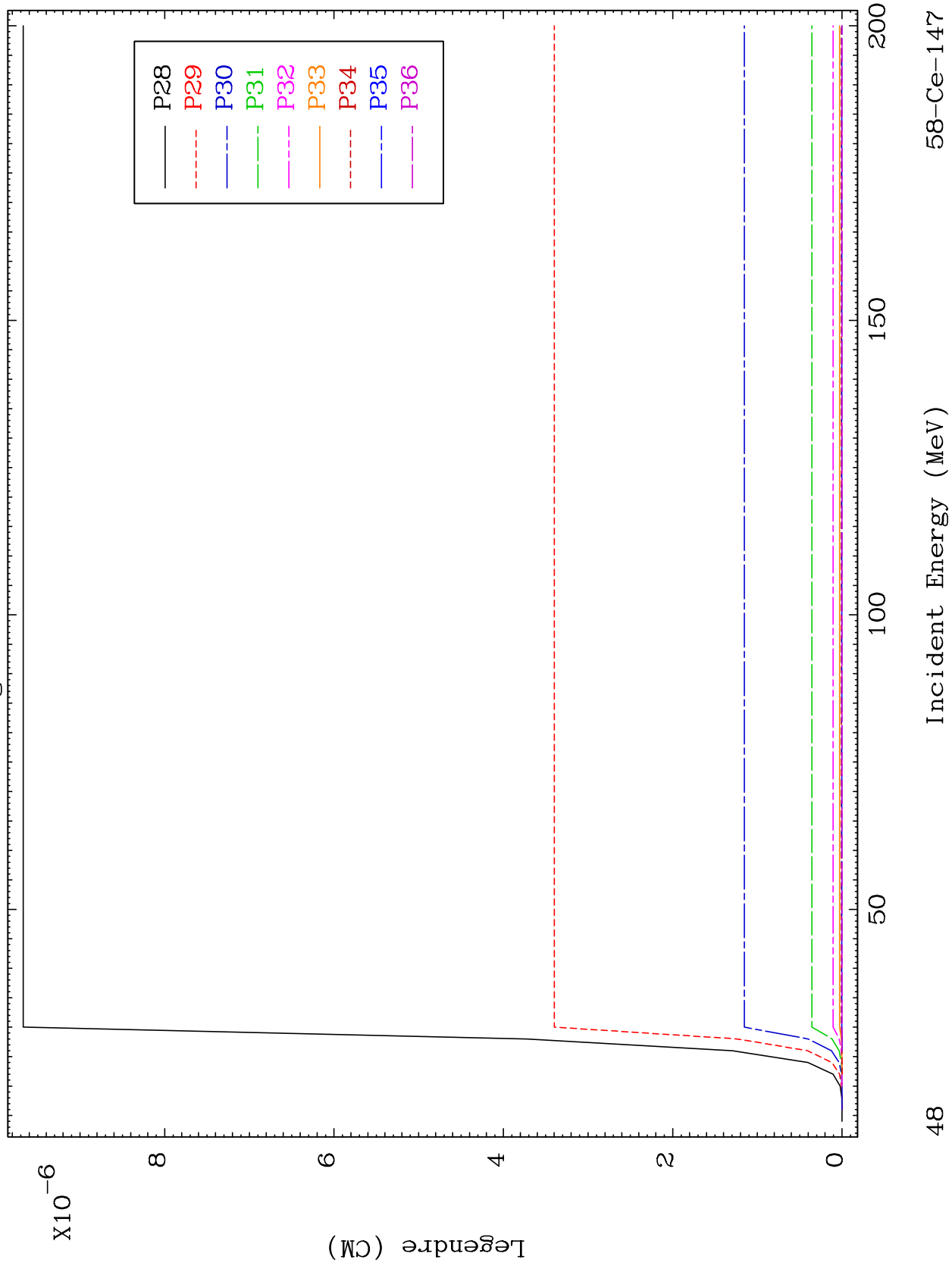
58-Ce-147

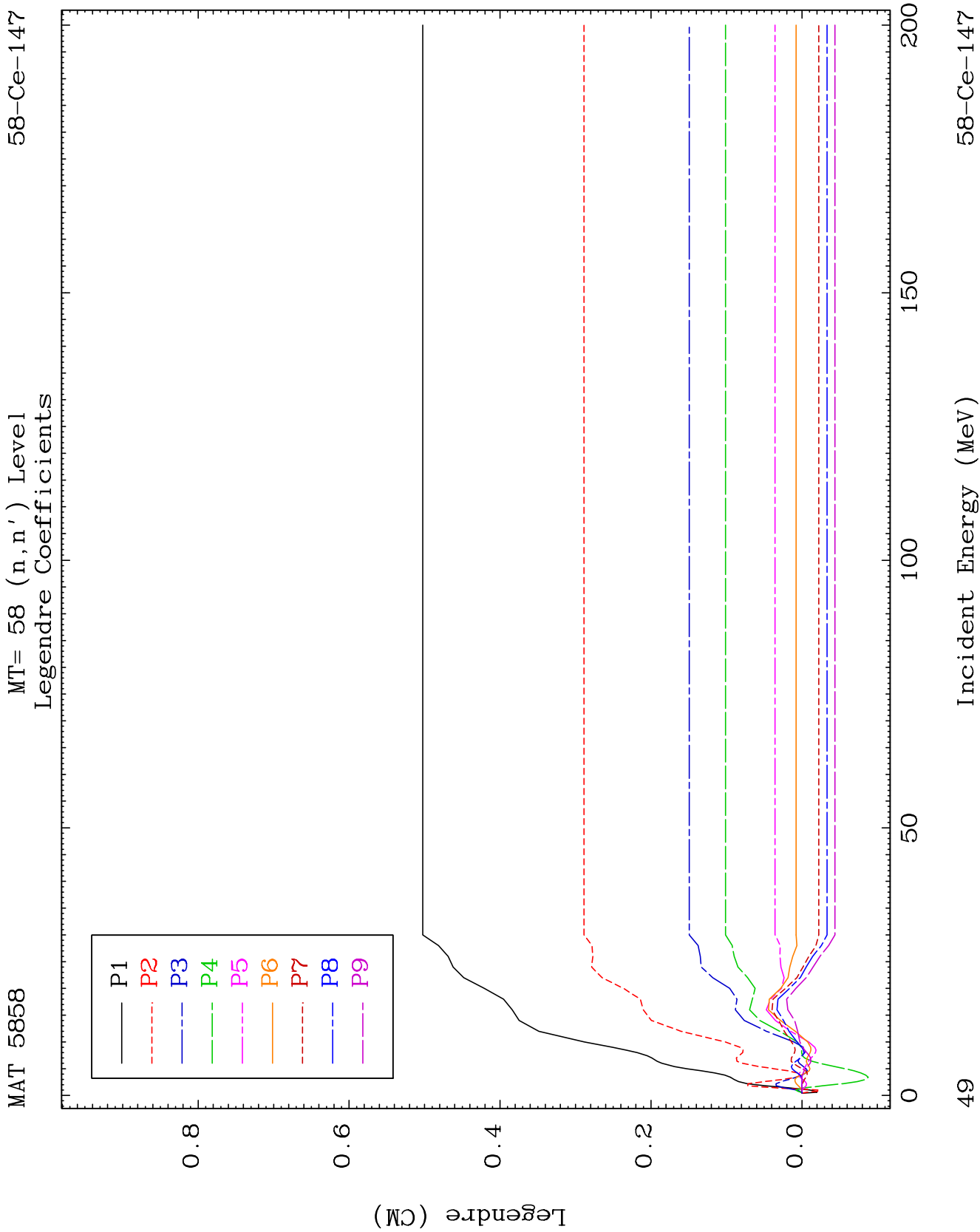


MAT 5858

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

58-Ce-147

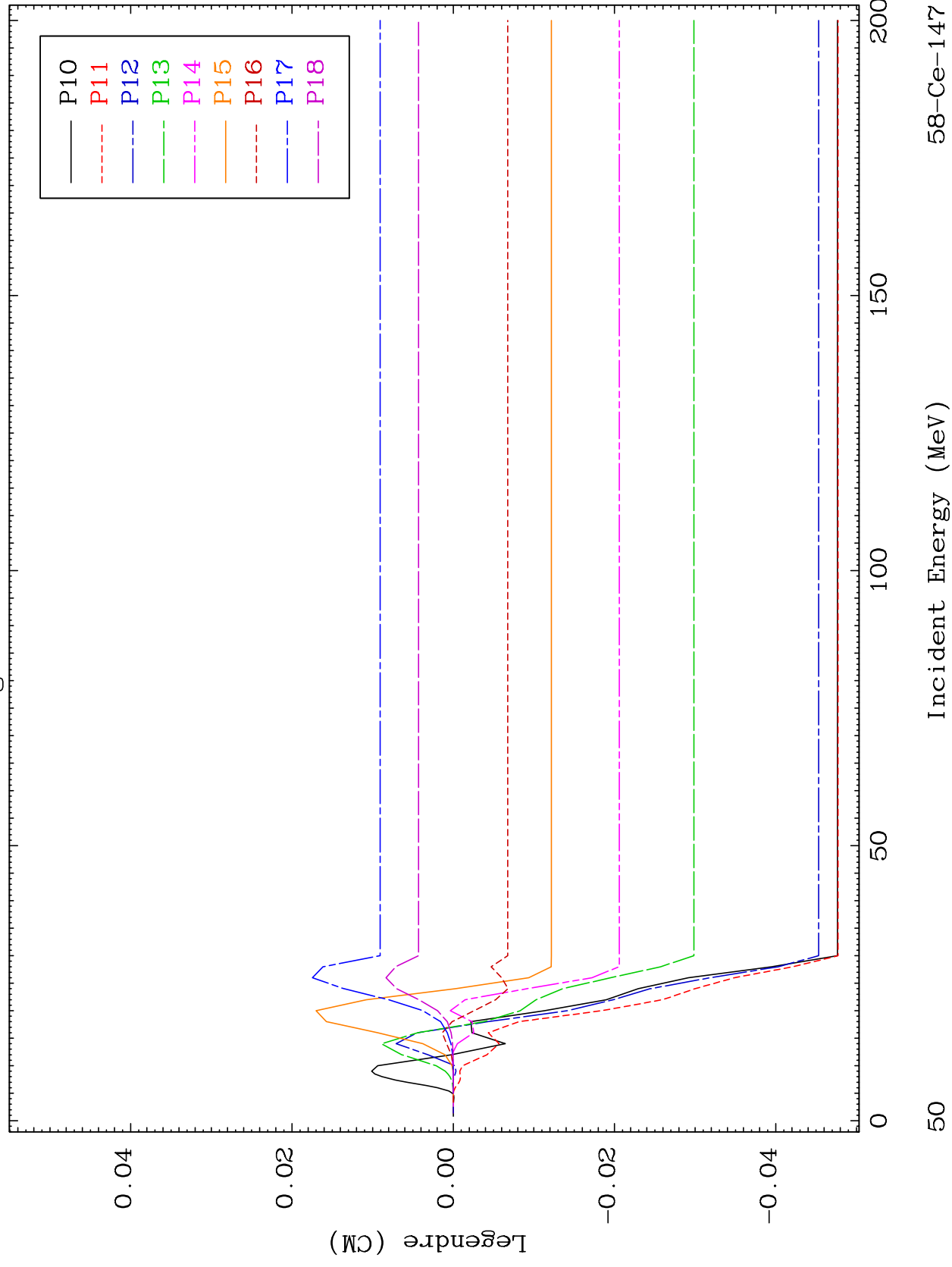


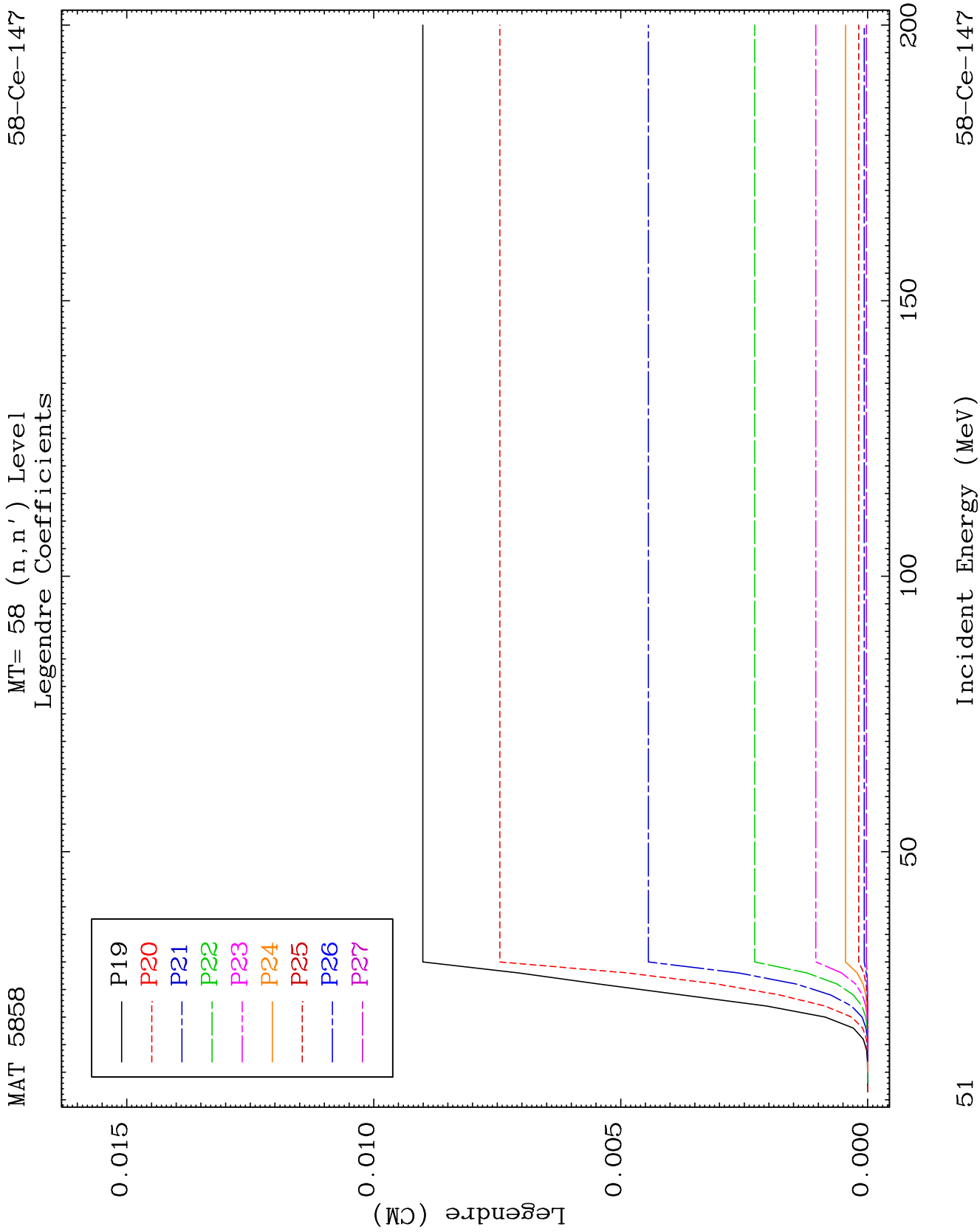


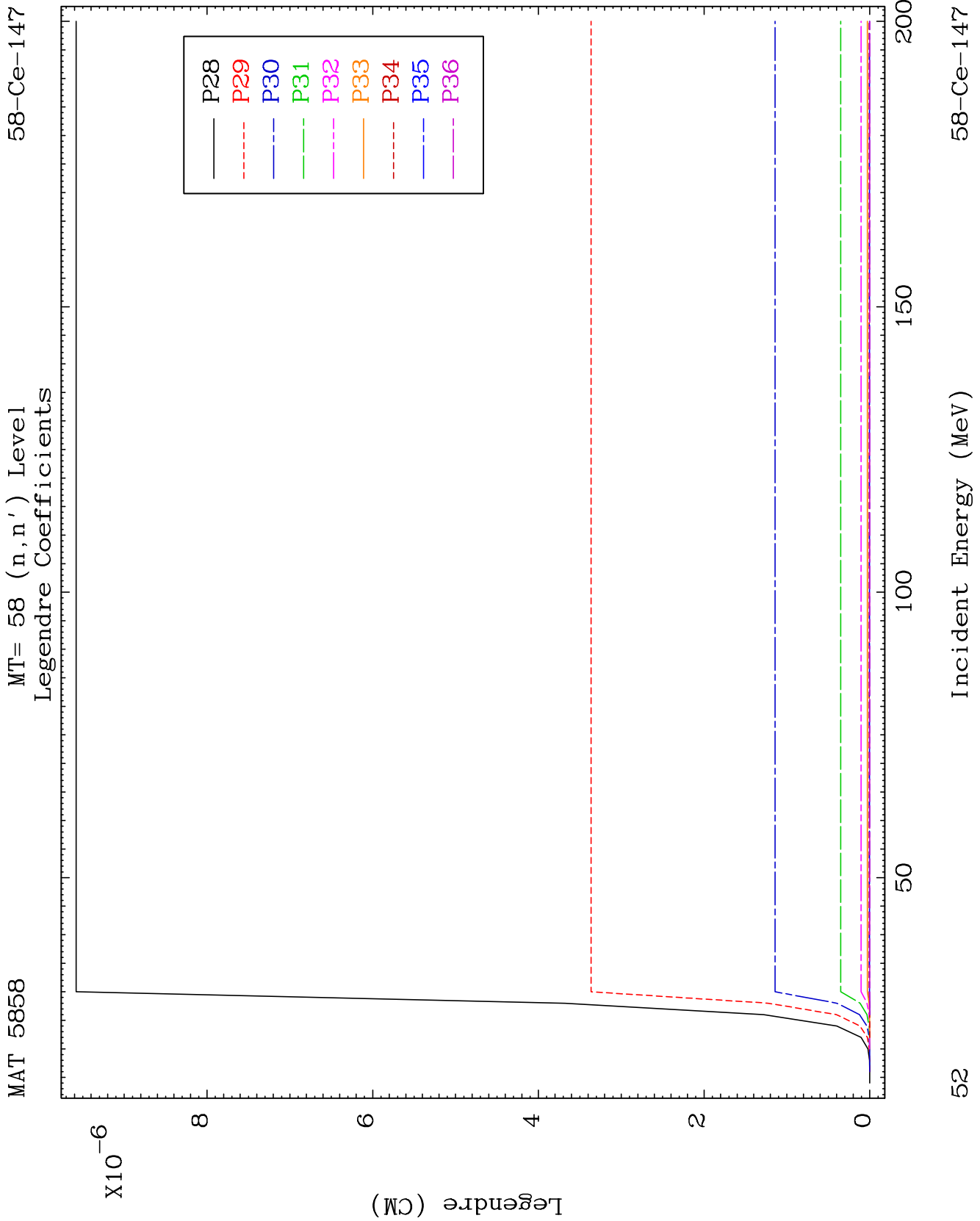
MAT 5858

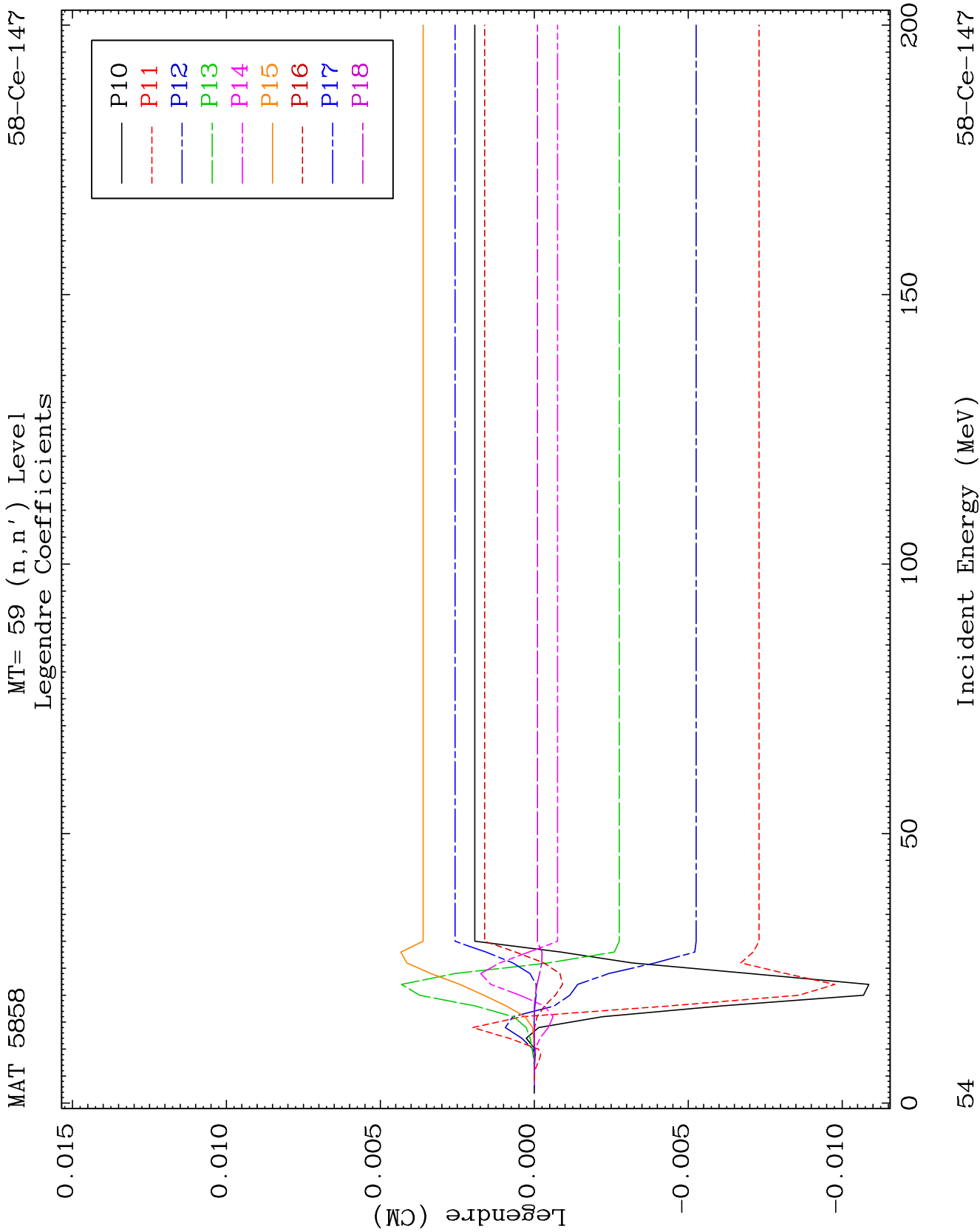
MT= 58 (n, n') Level
Legendre Coefficients

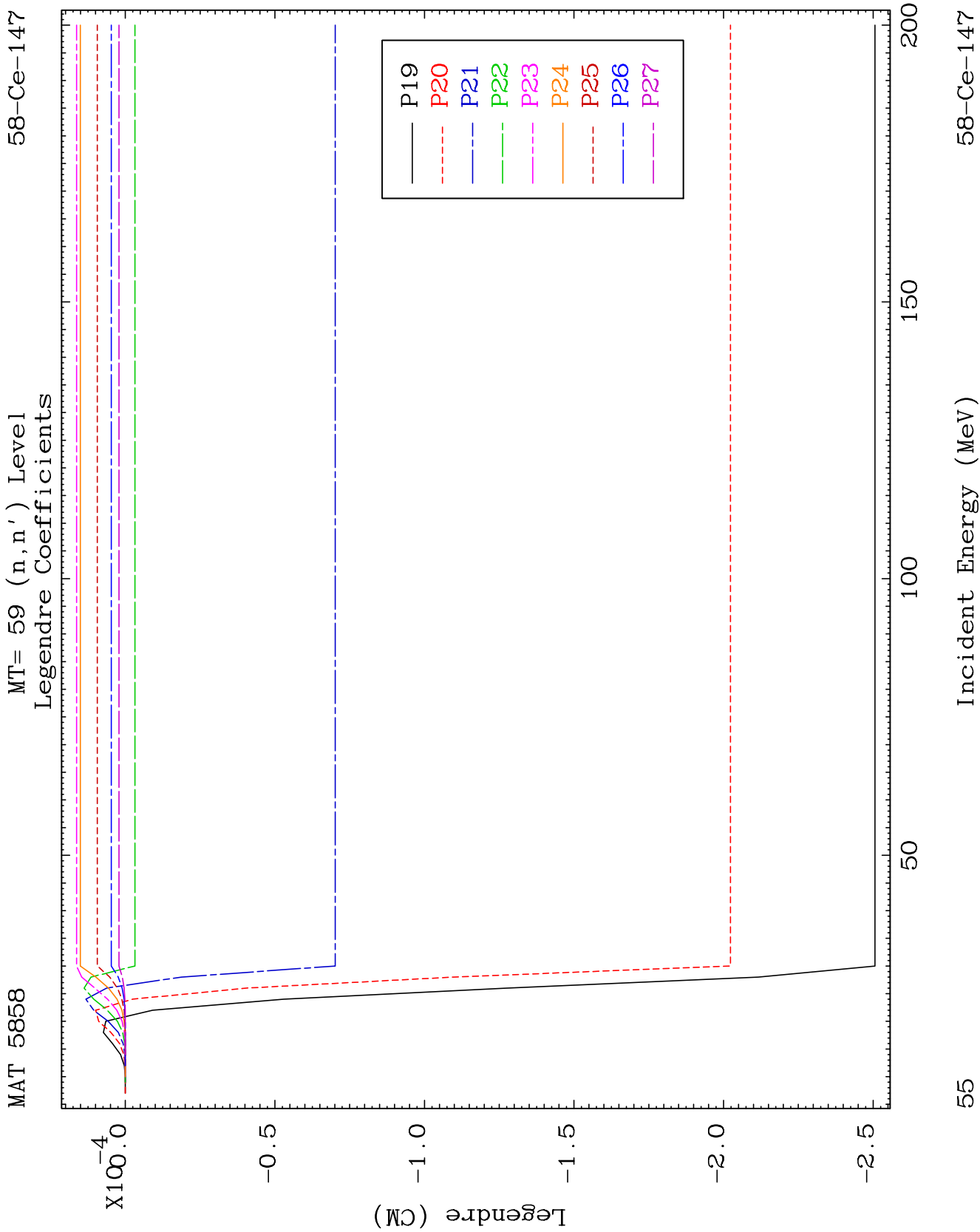
58-Ce-147







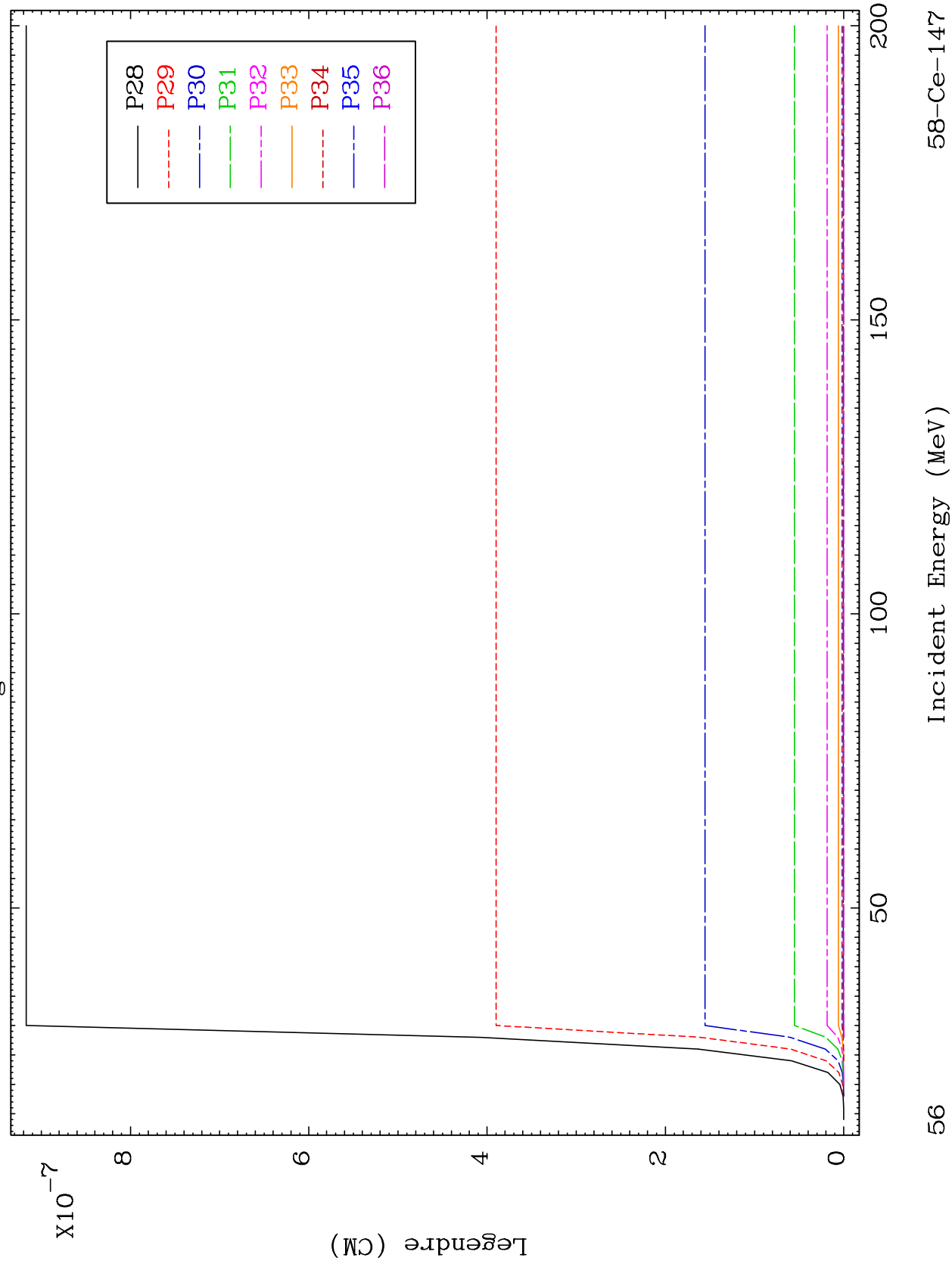




MAT 5858

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

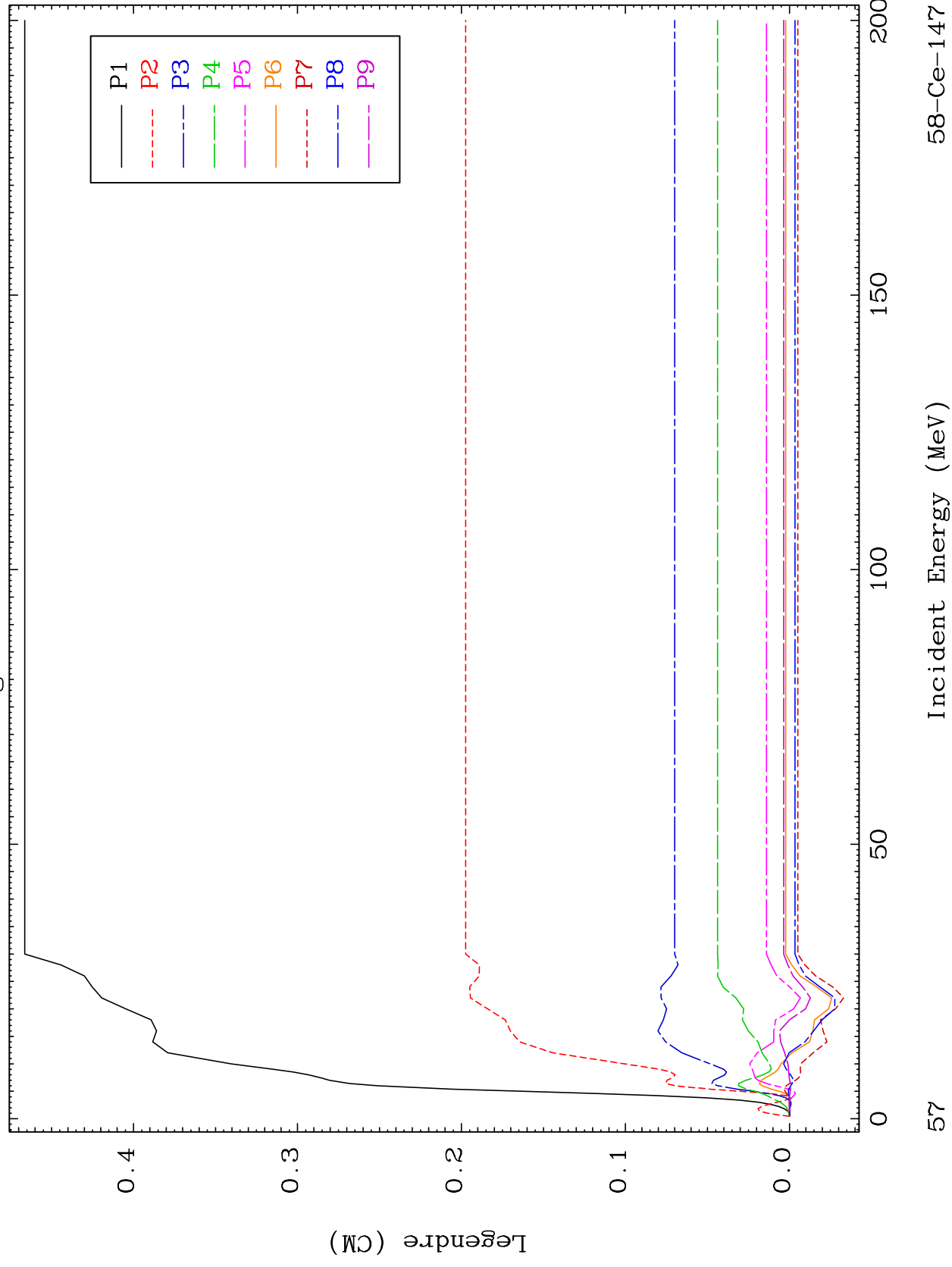
58-Ce-147



MAT 5858

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

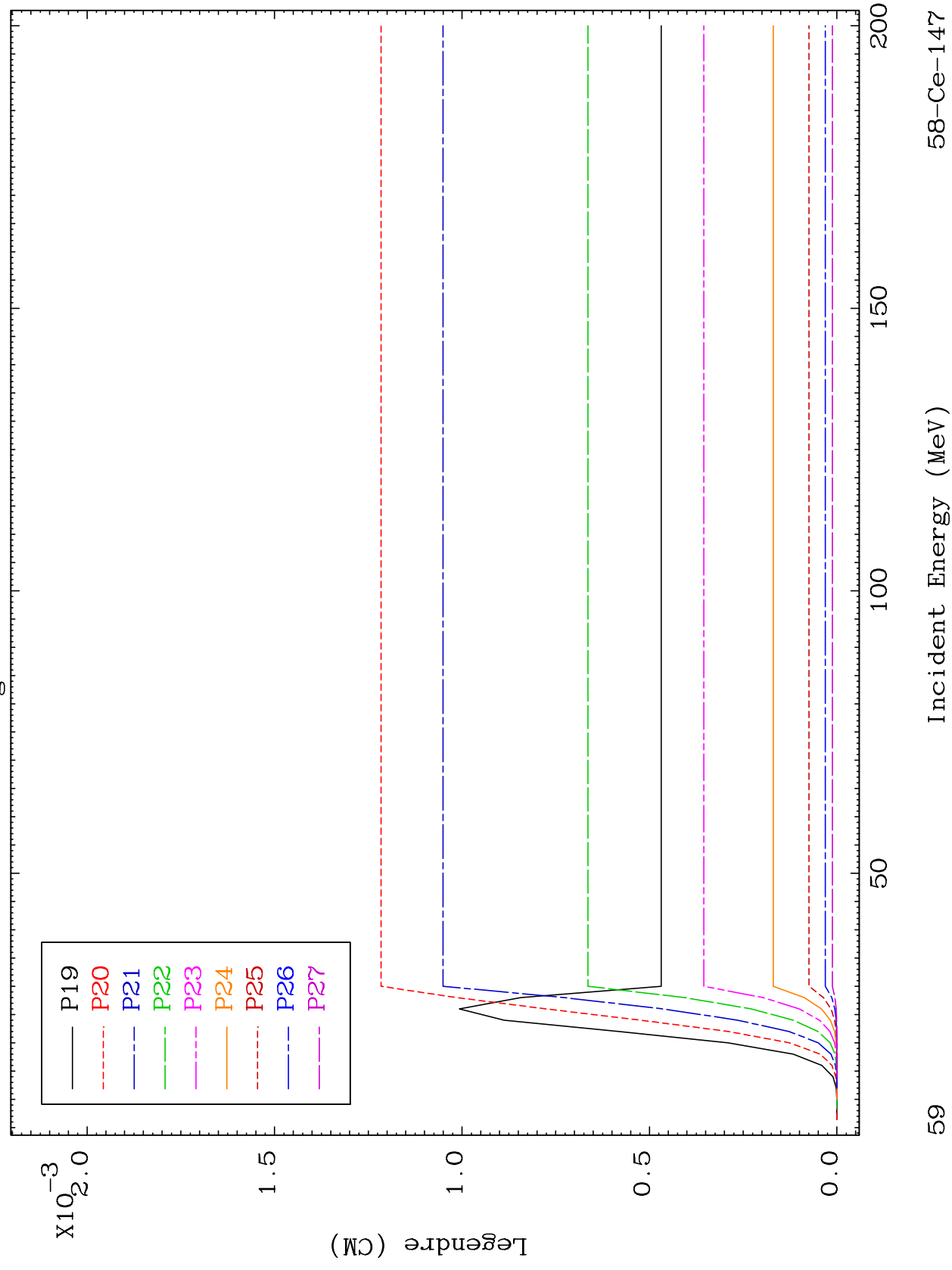
58-Ce-147

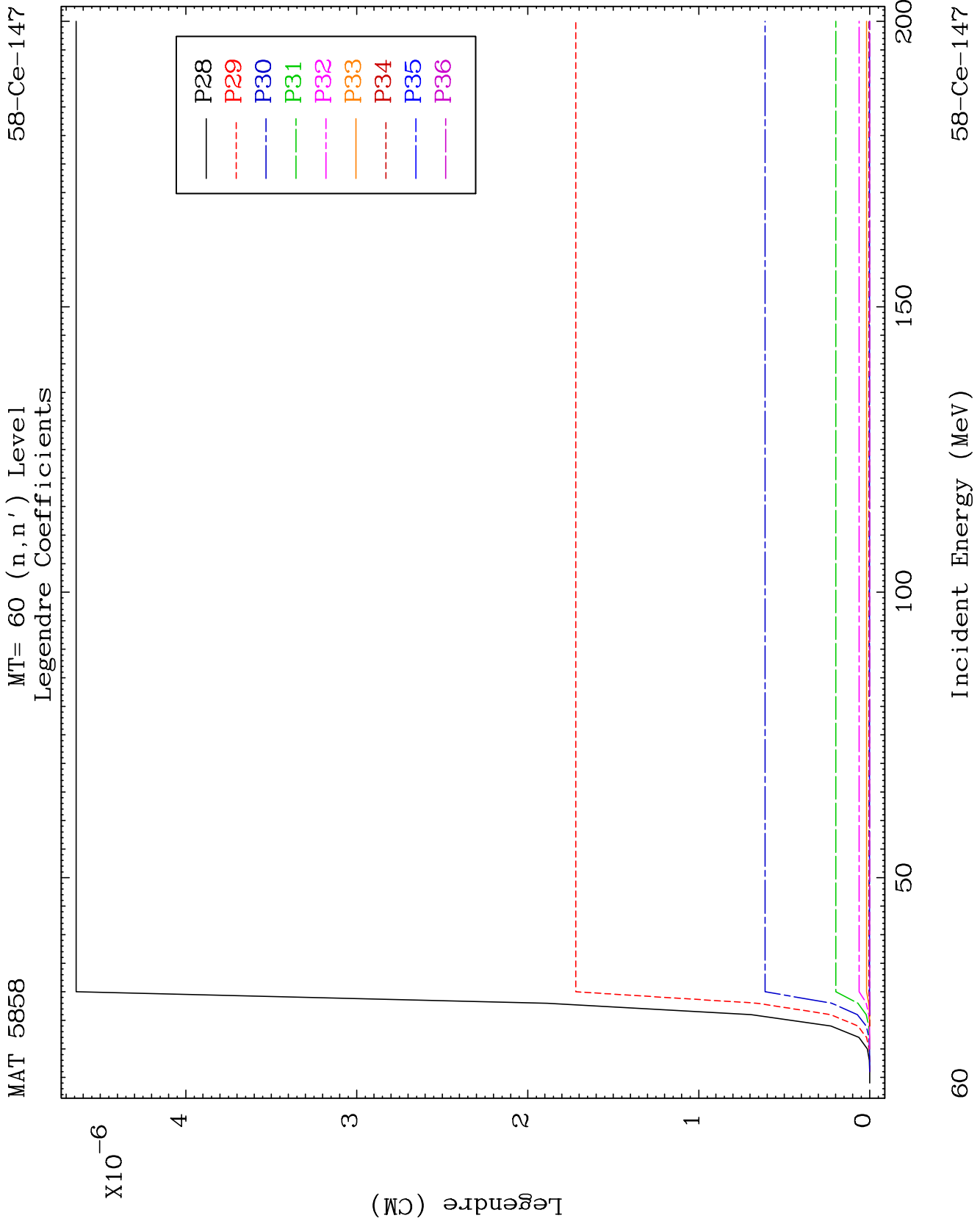


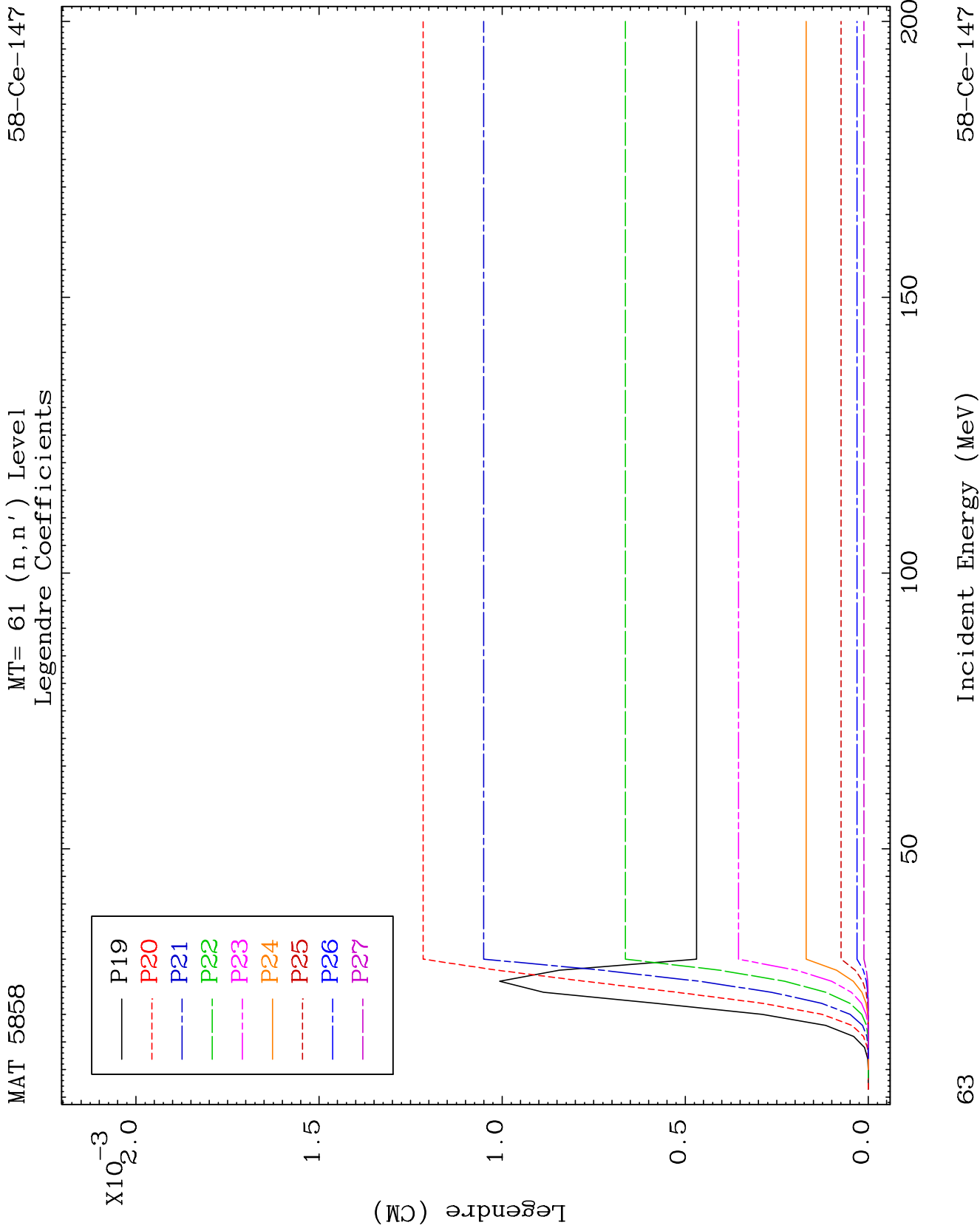
MAT 5858

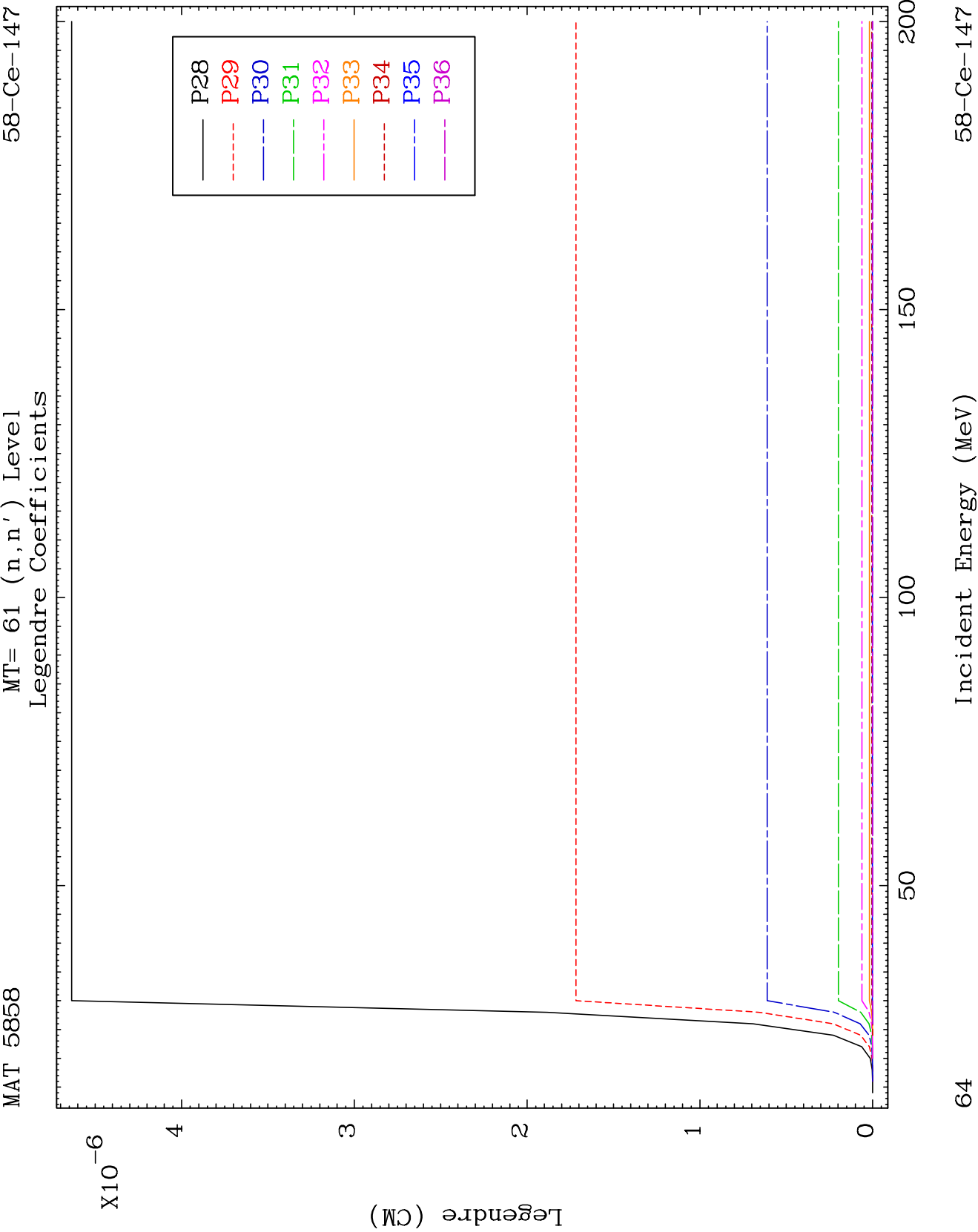
MT= 60 (n, n') Level
Legendre Coefficients

58-Ce-147





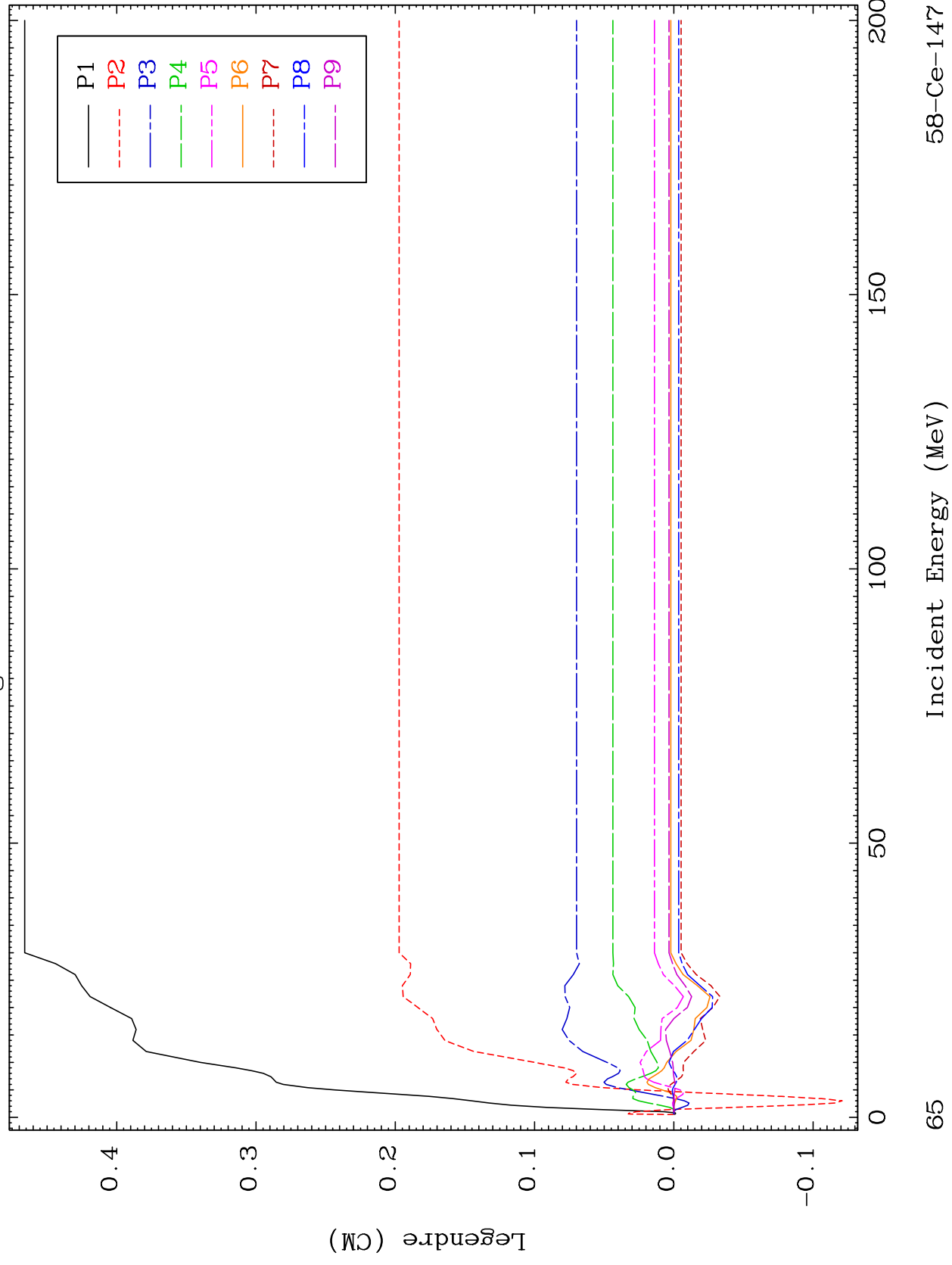


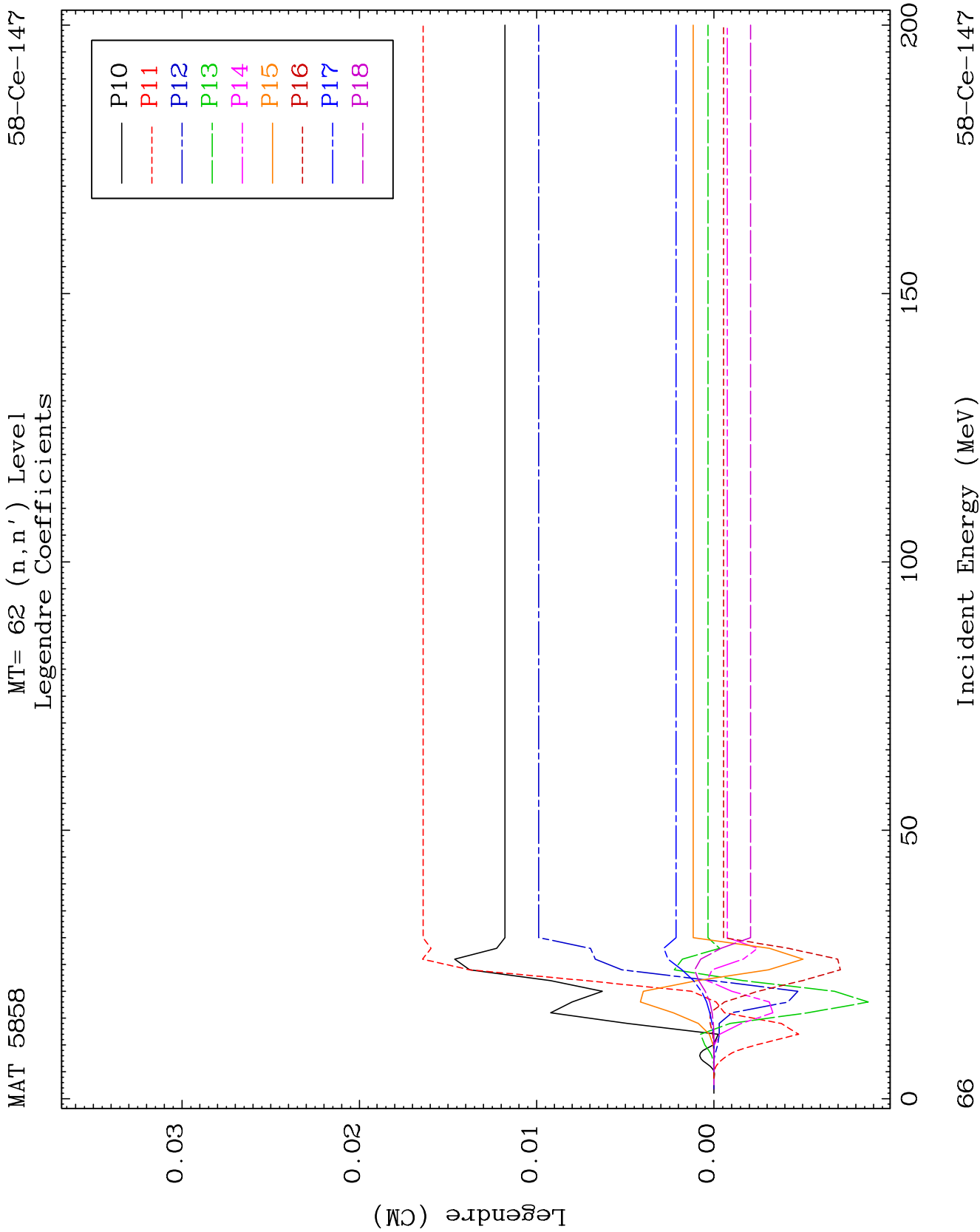


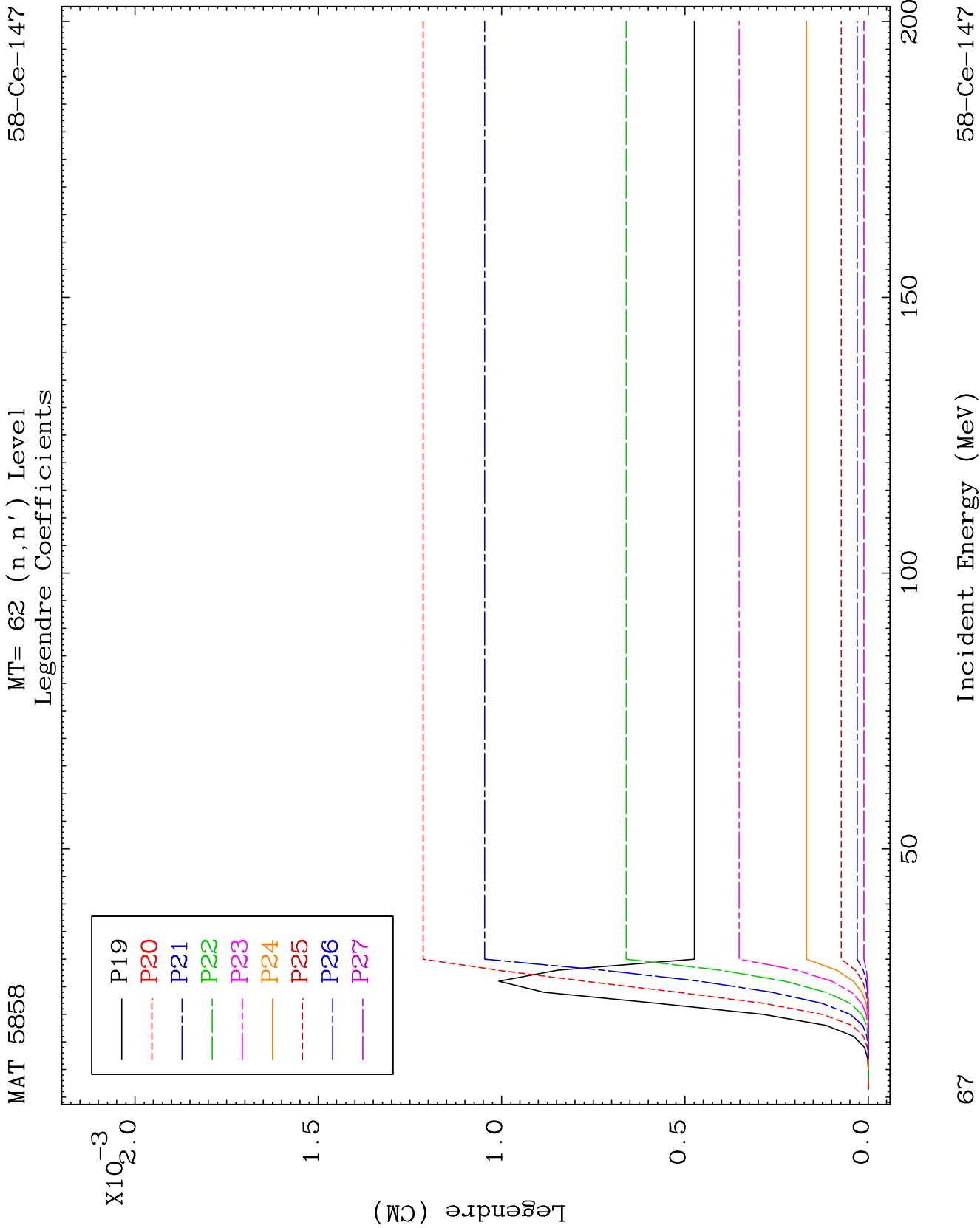
MAT 5858

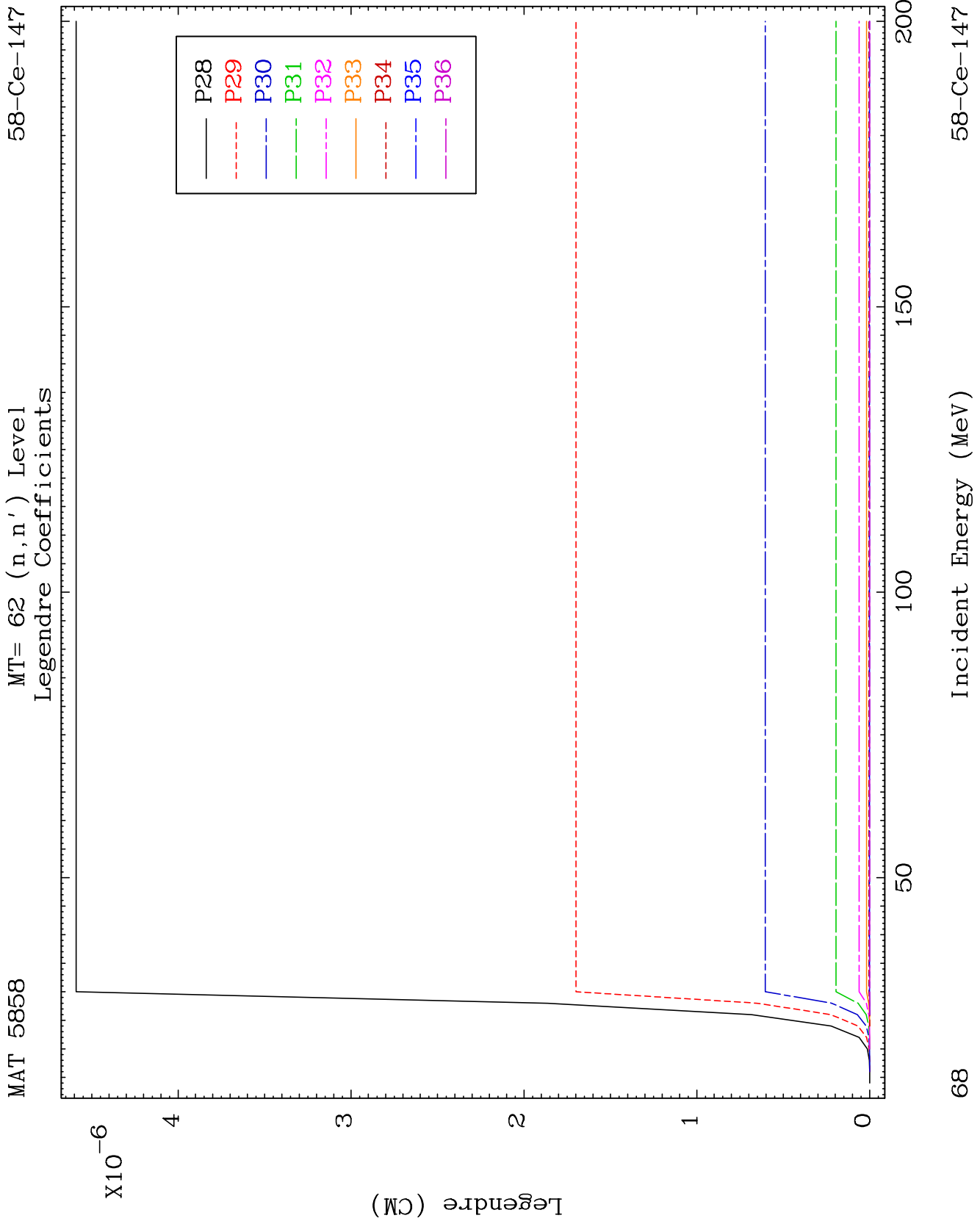
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Legendre Coefficients

58-Ce-147





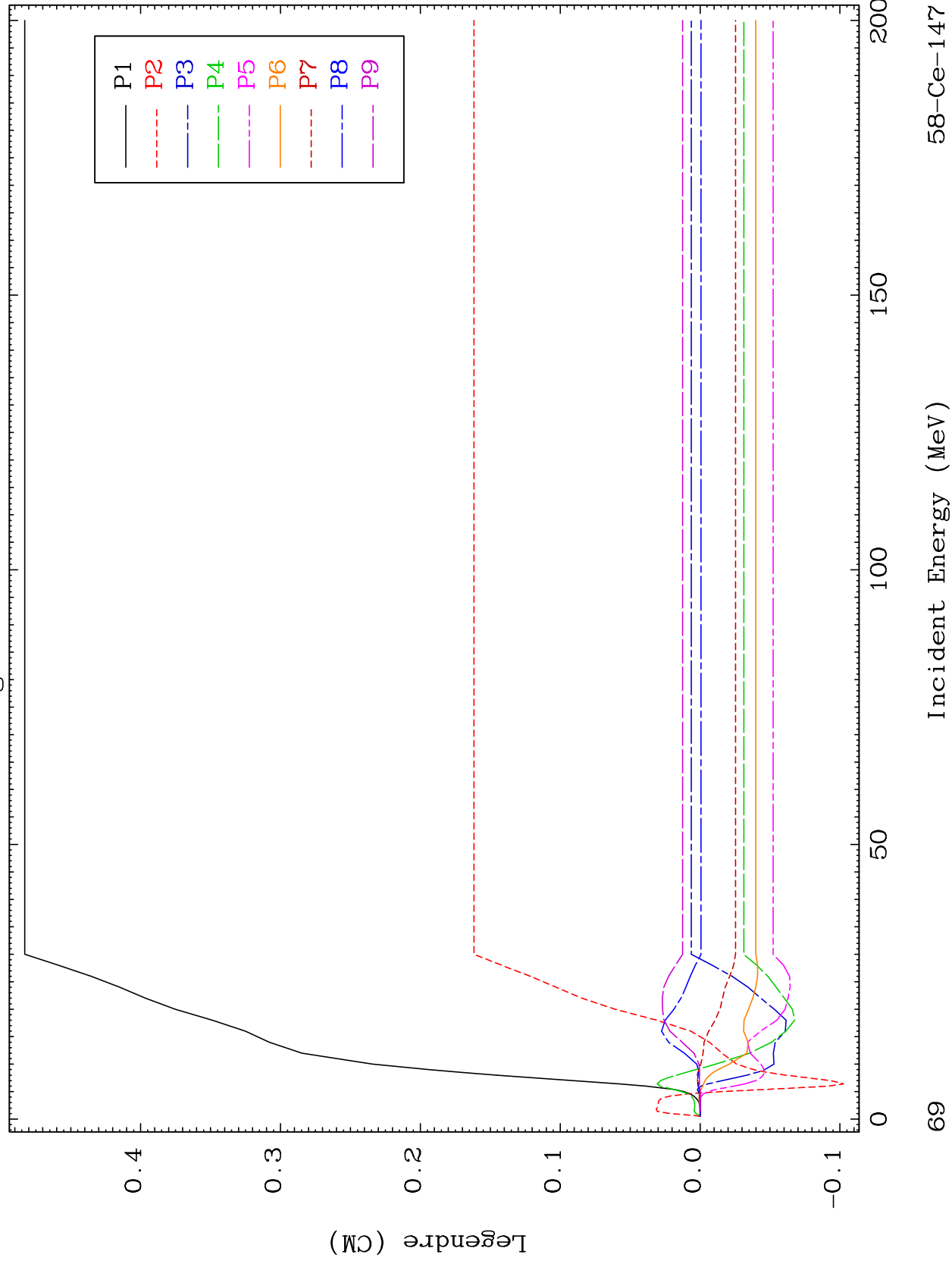




MAT 5858

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

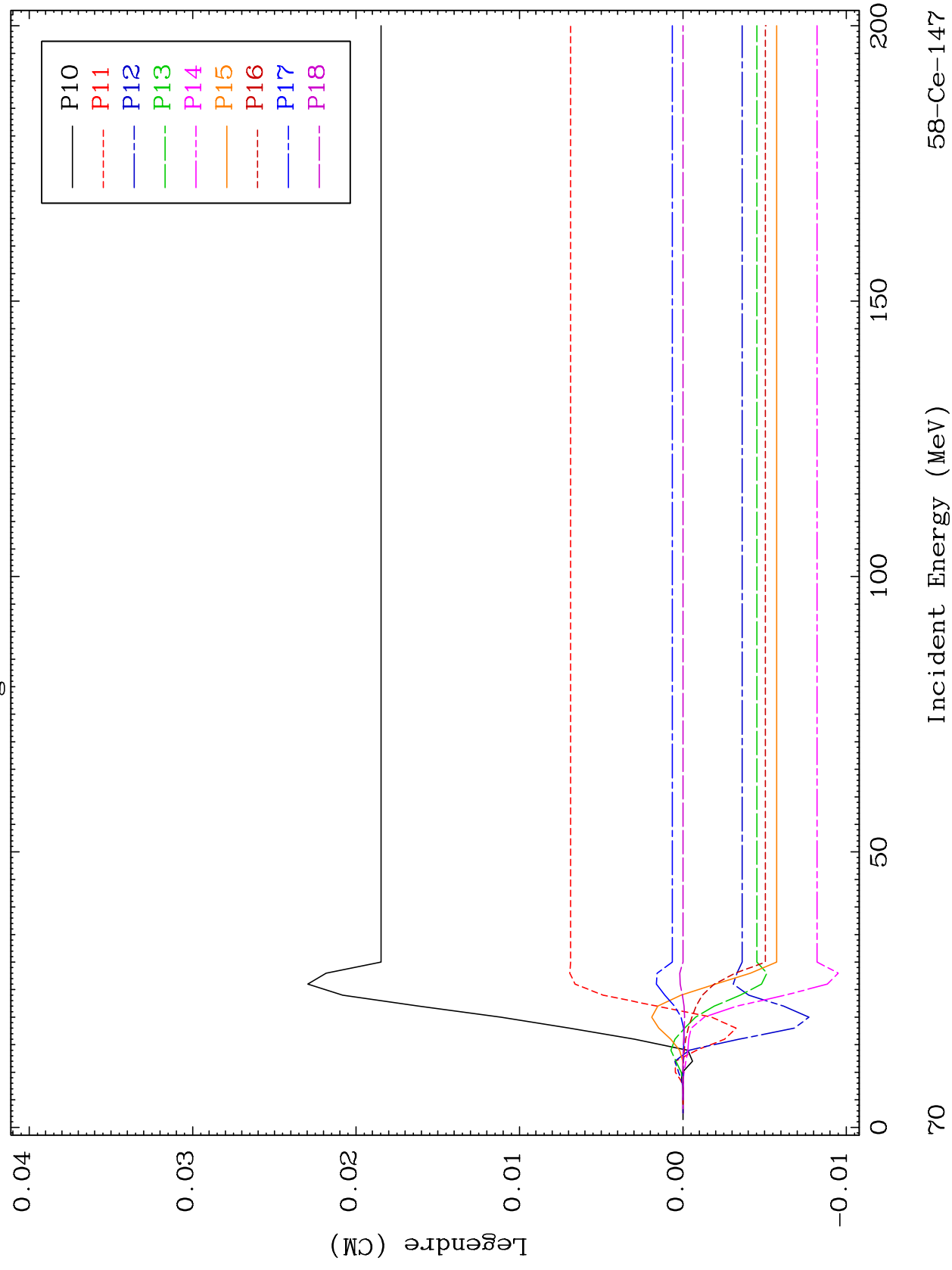
58-Ce-147

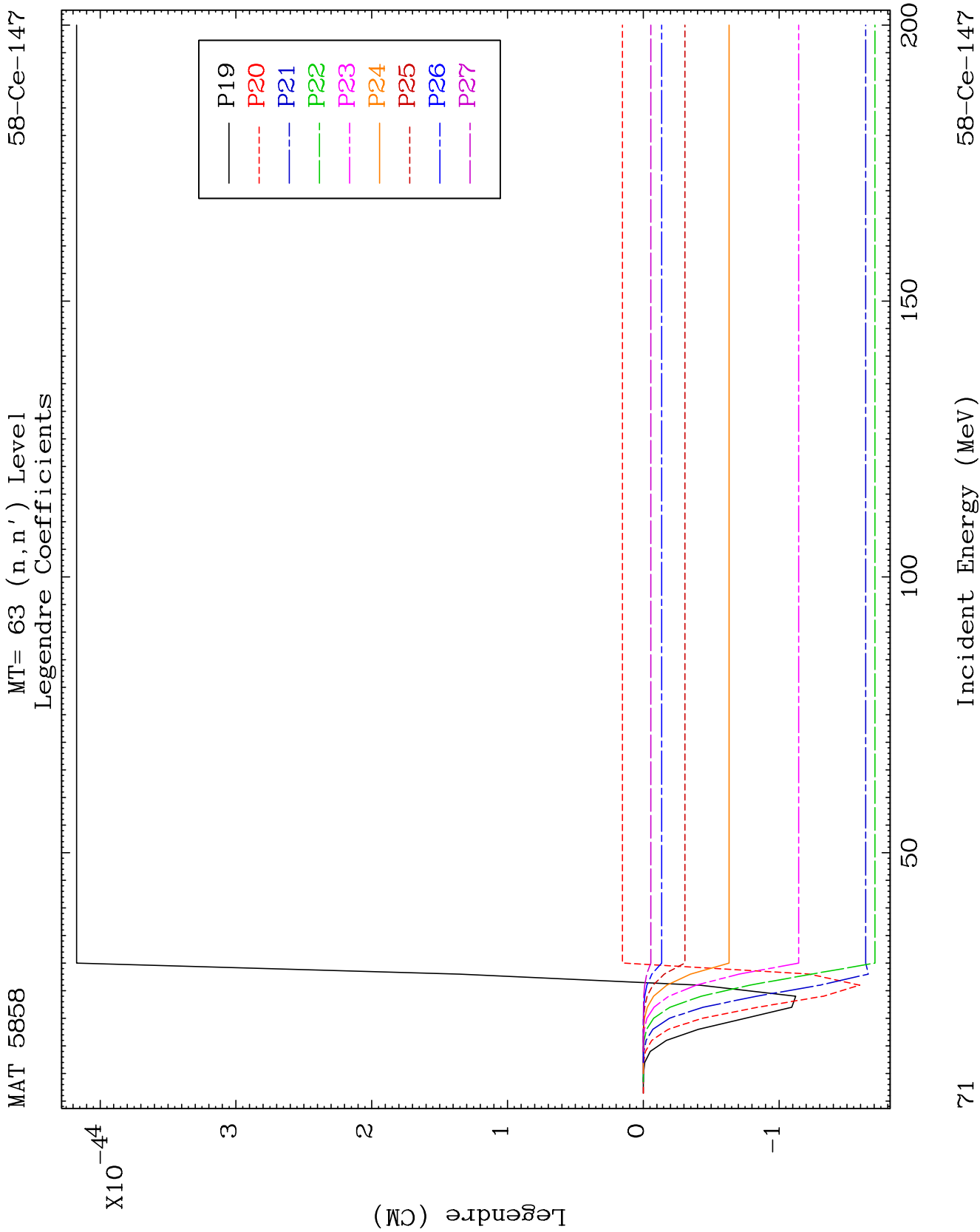


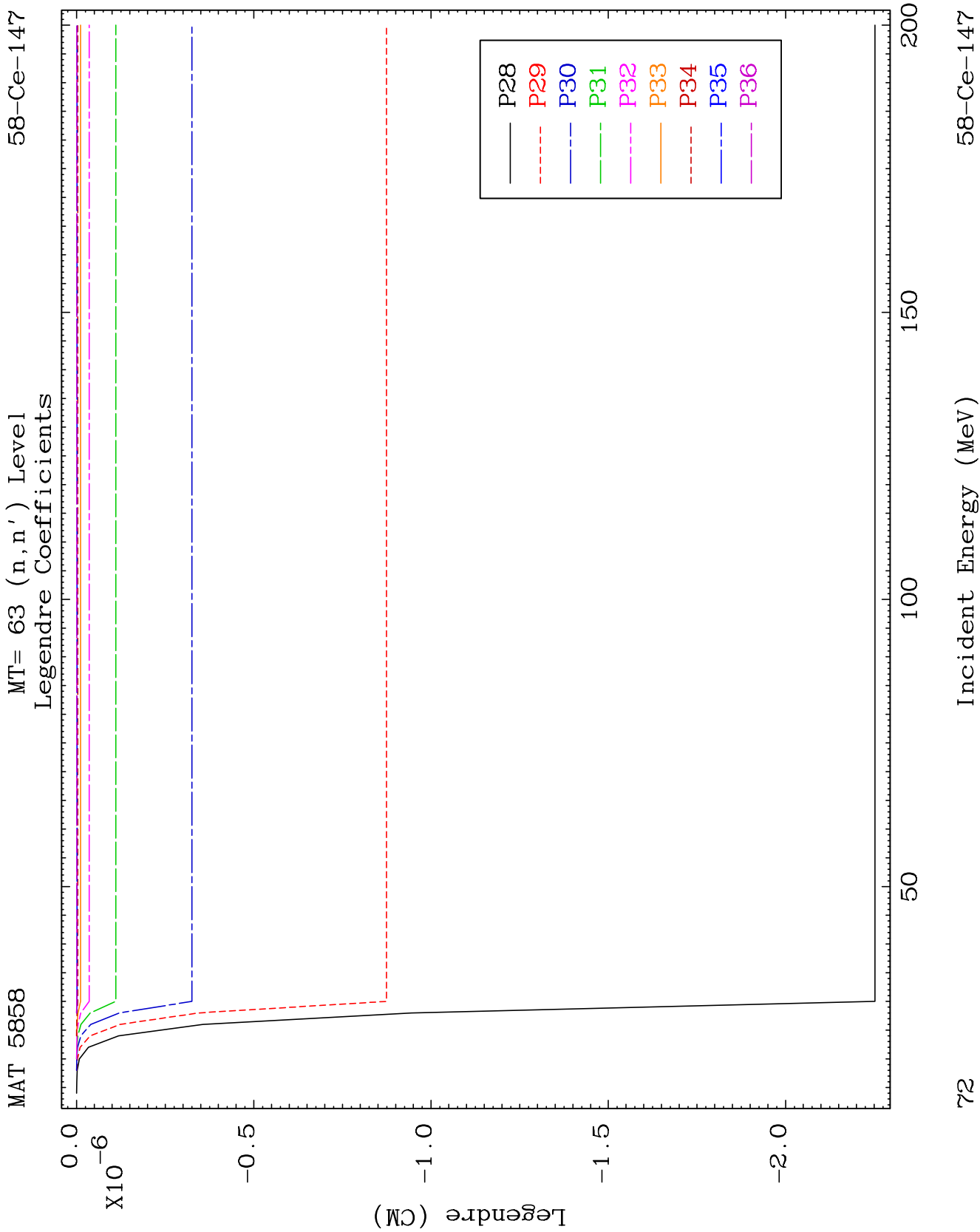
MAT 5858

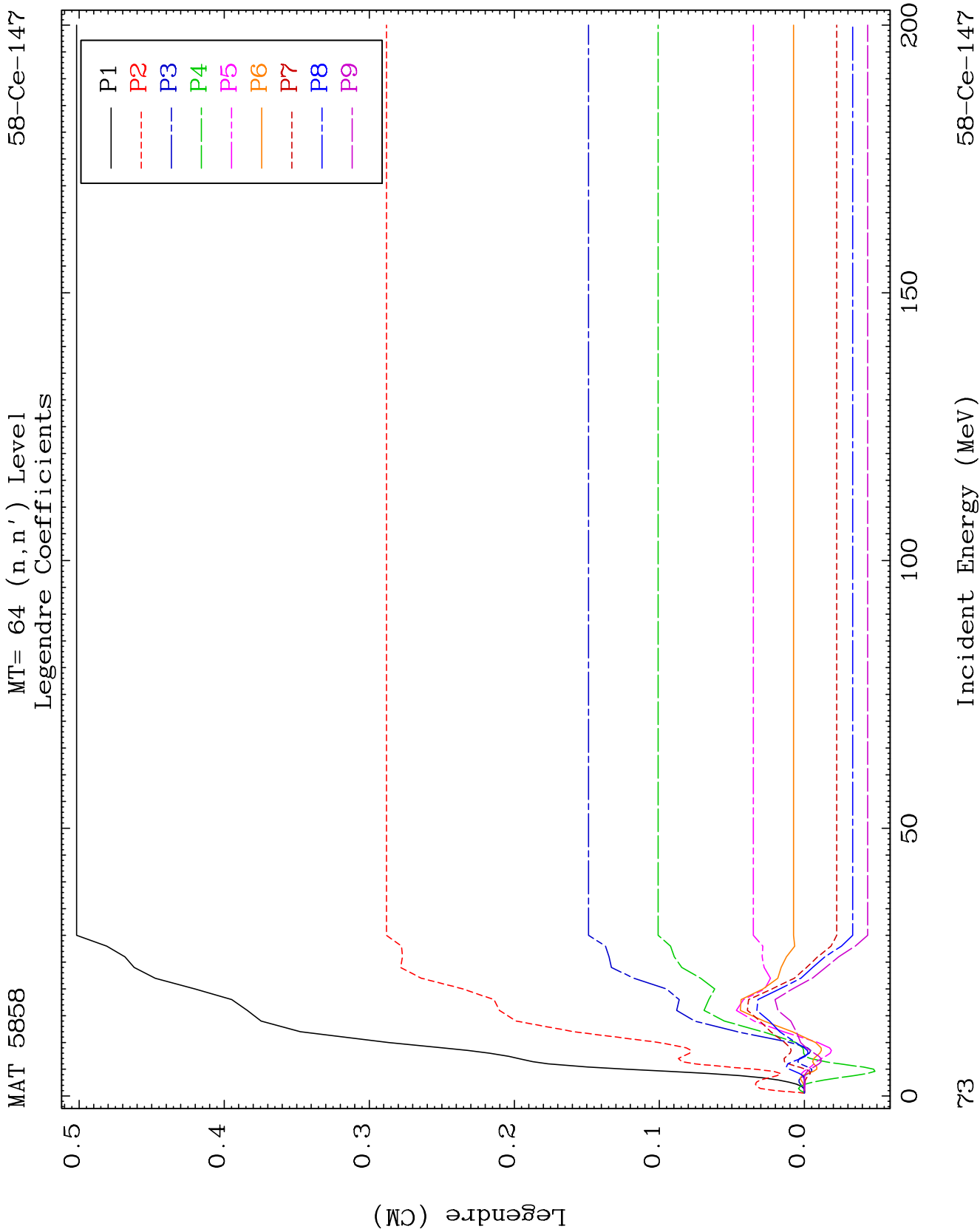
MT= 63 (n, n') Level
Legendre Coefficients

58-Ce-147





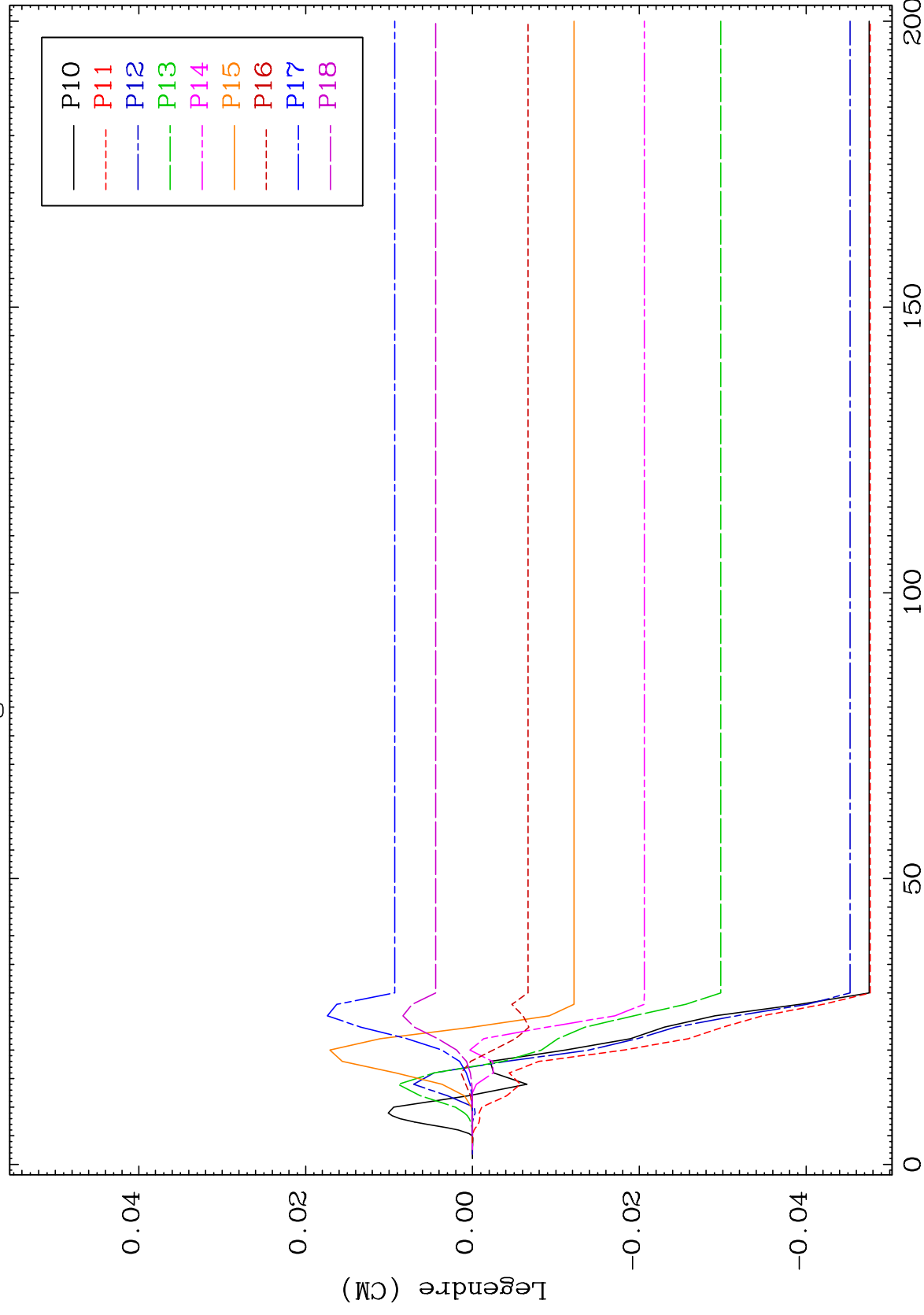




MAT 5858

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

58-Ce-147



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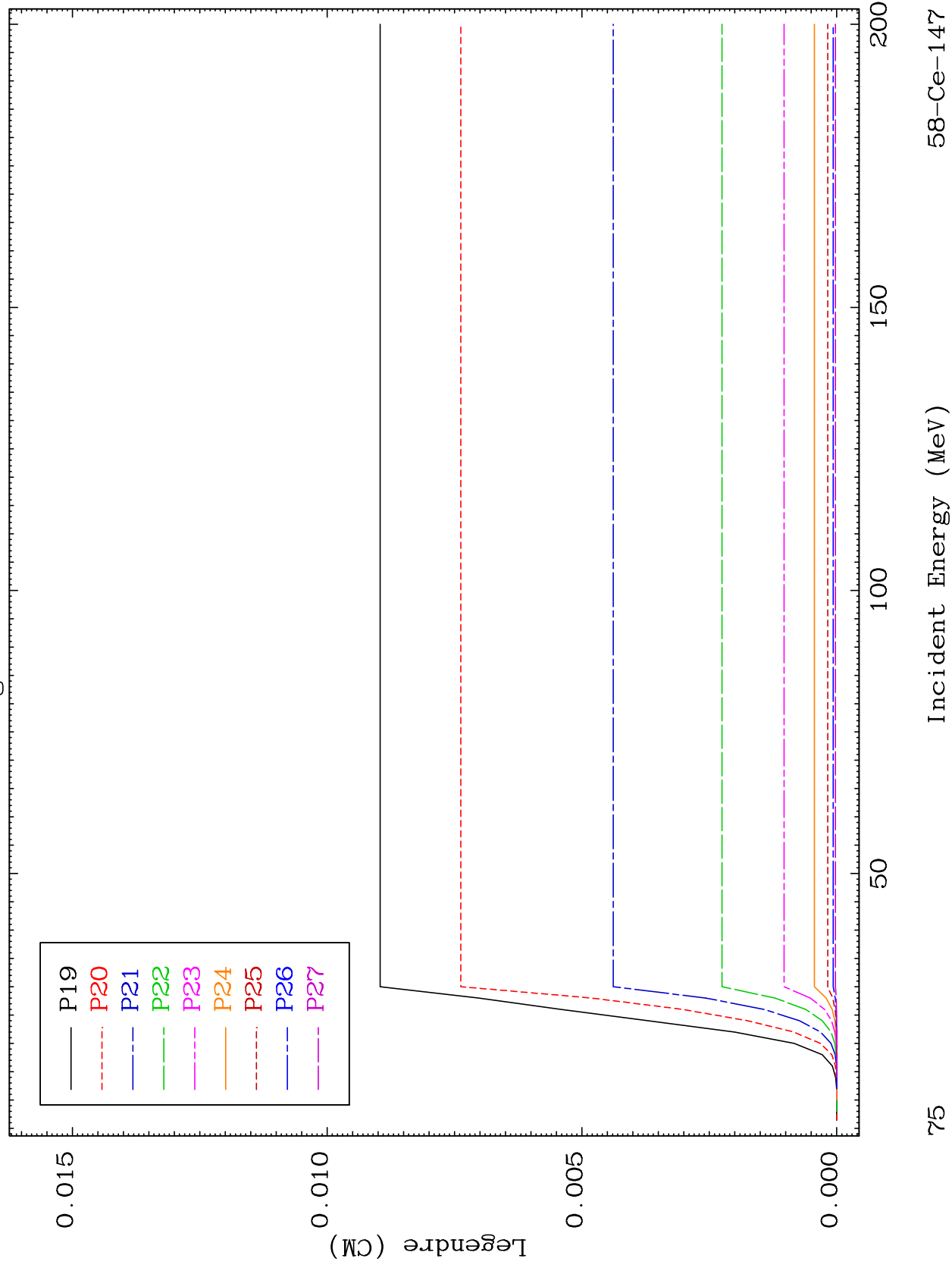
Incident Energy (MeV)

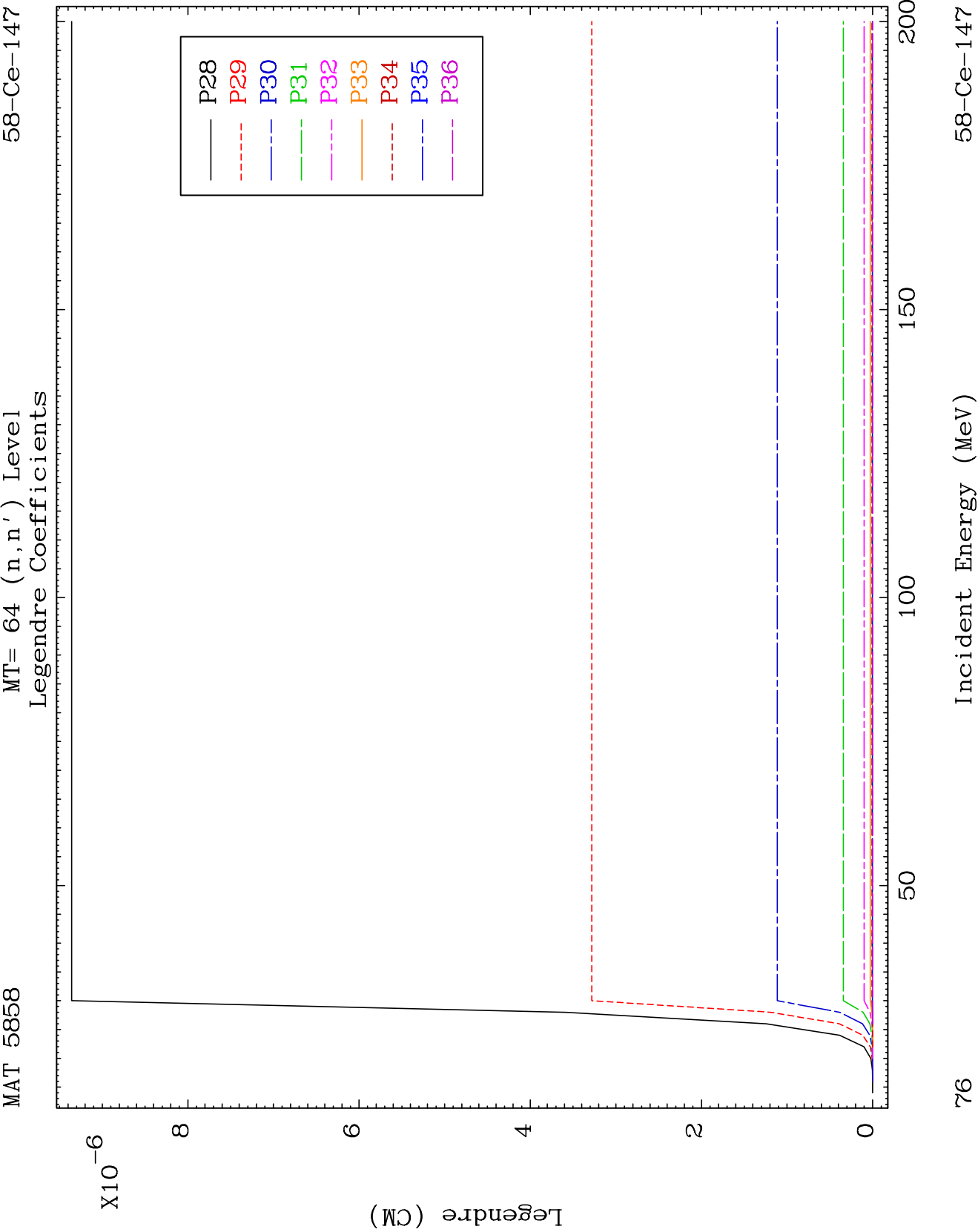
58-Ce-147

MAT 5858

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

58-Ce-147

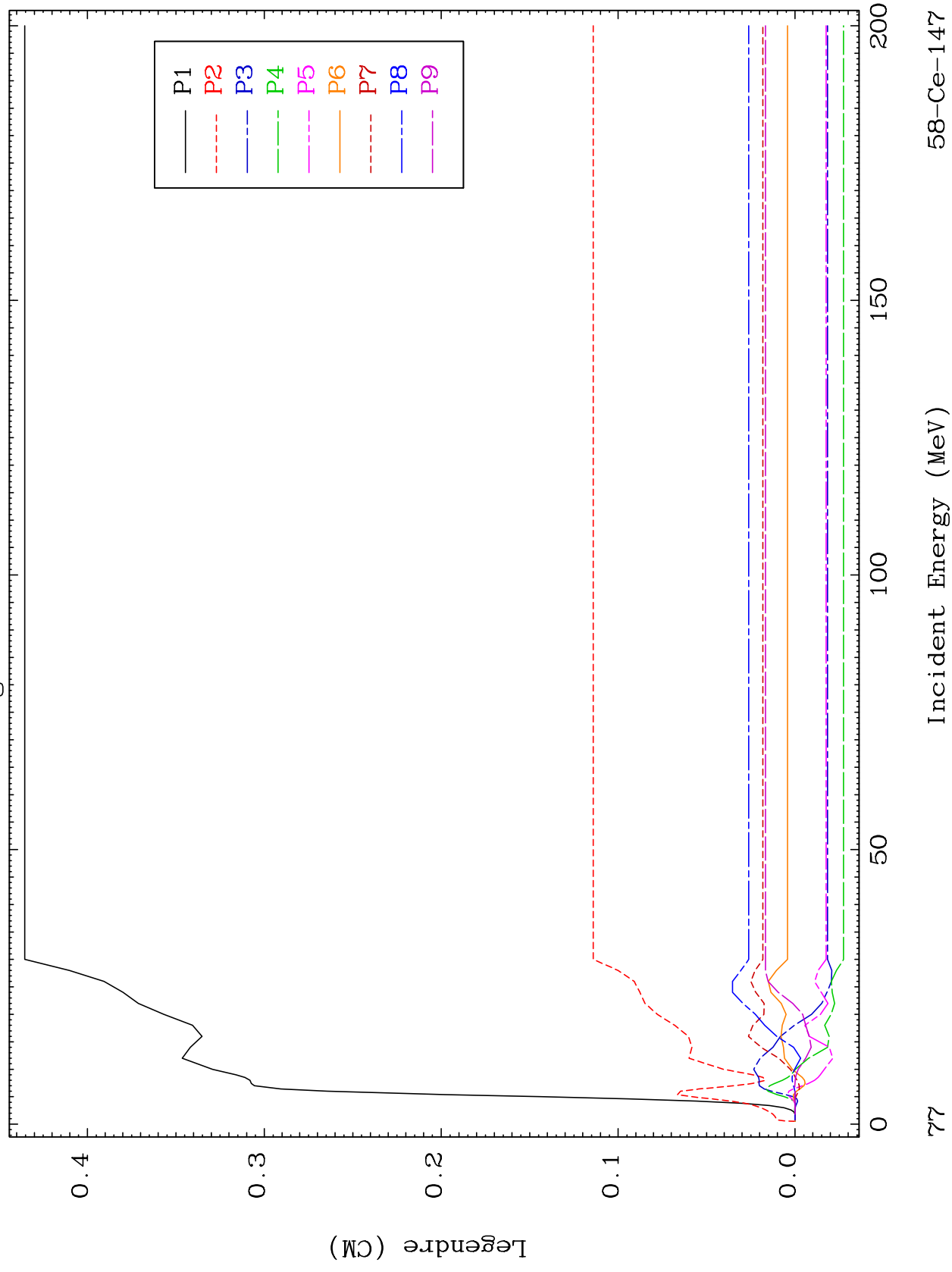




MAT 5858

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

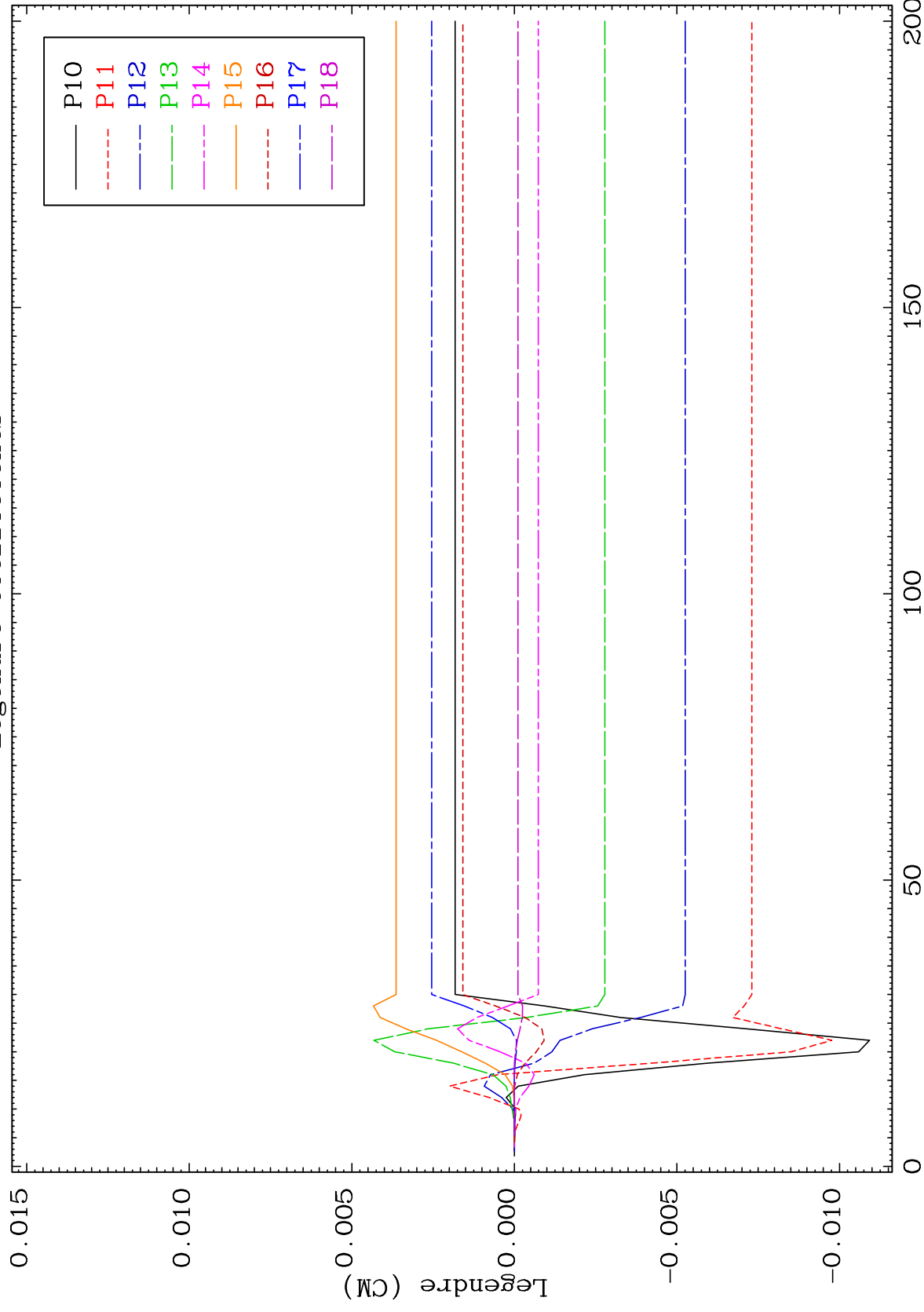
58-Ce-147



MAT 5858

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

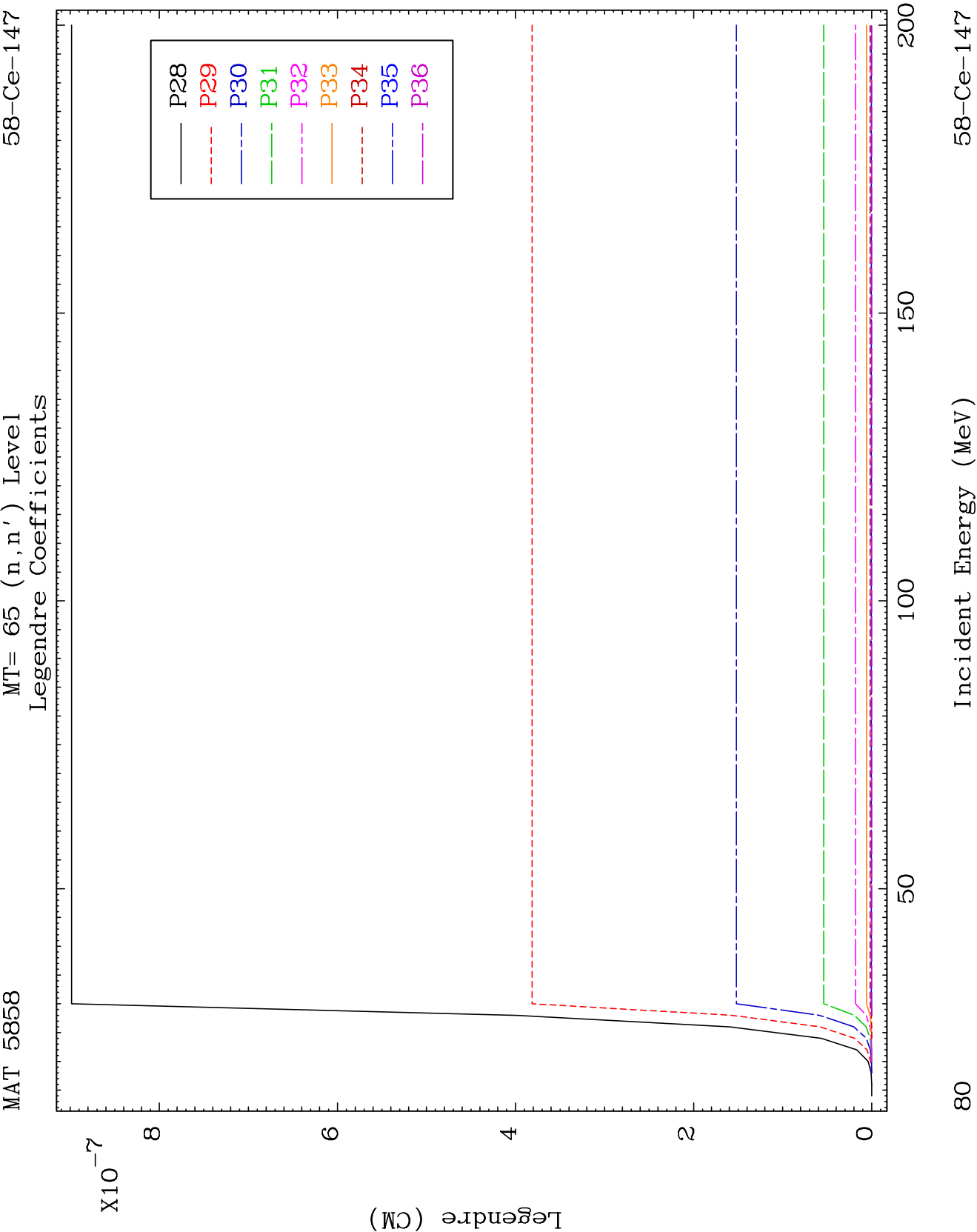
58-Ce-147



82

Incident Energy (MeV)

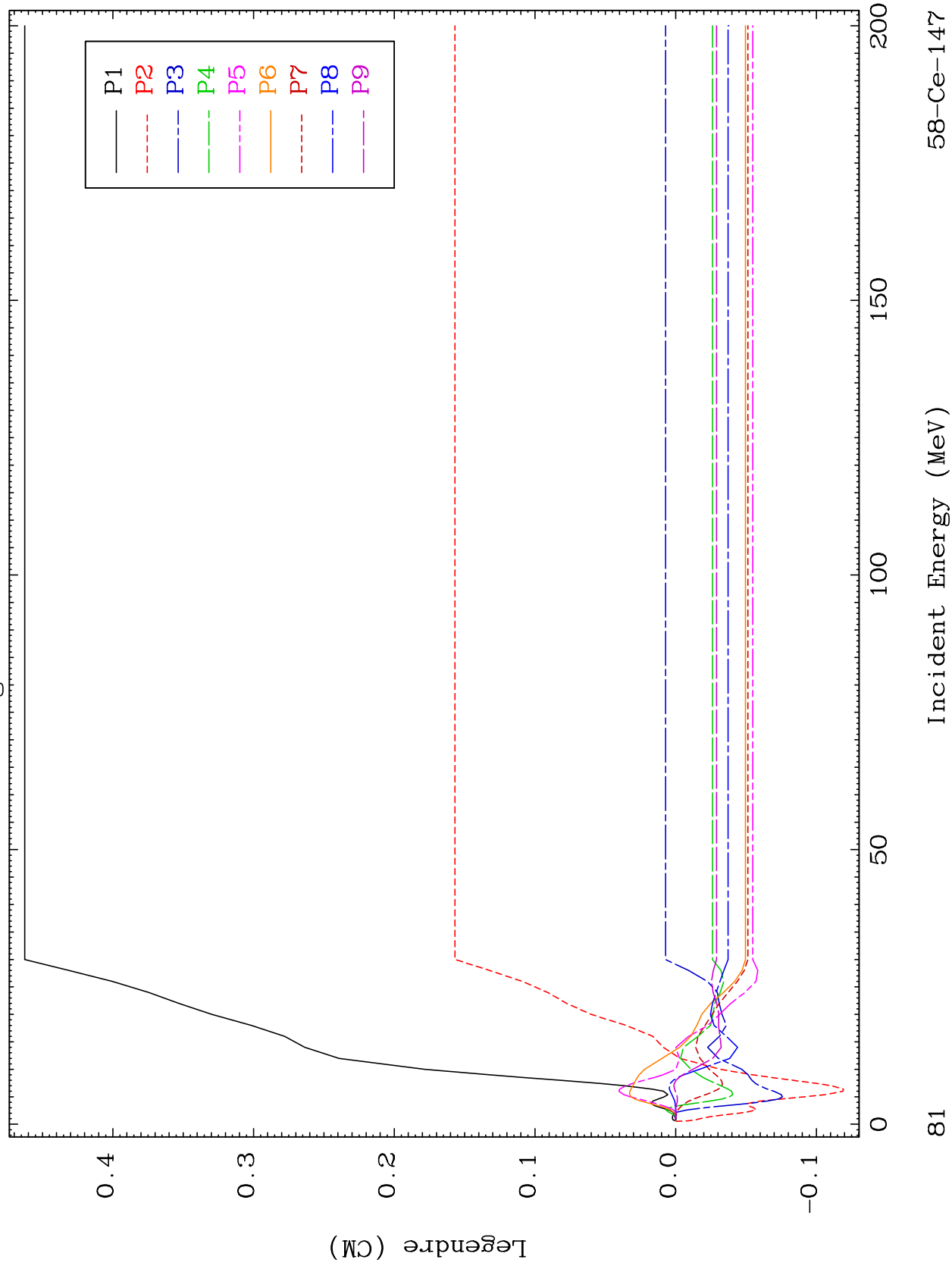
58-Ce-147



MAT 5858

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

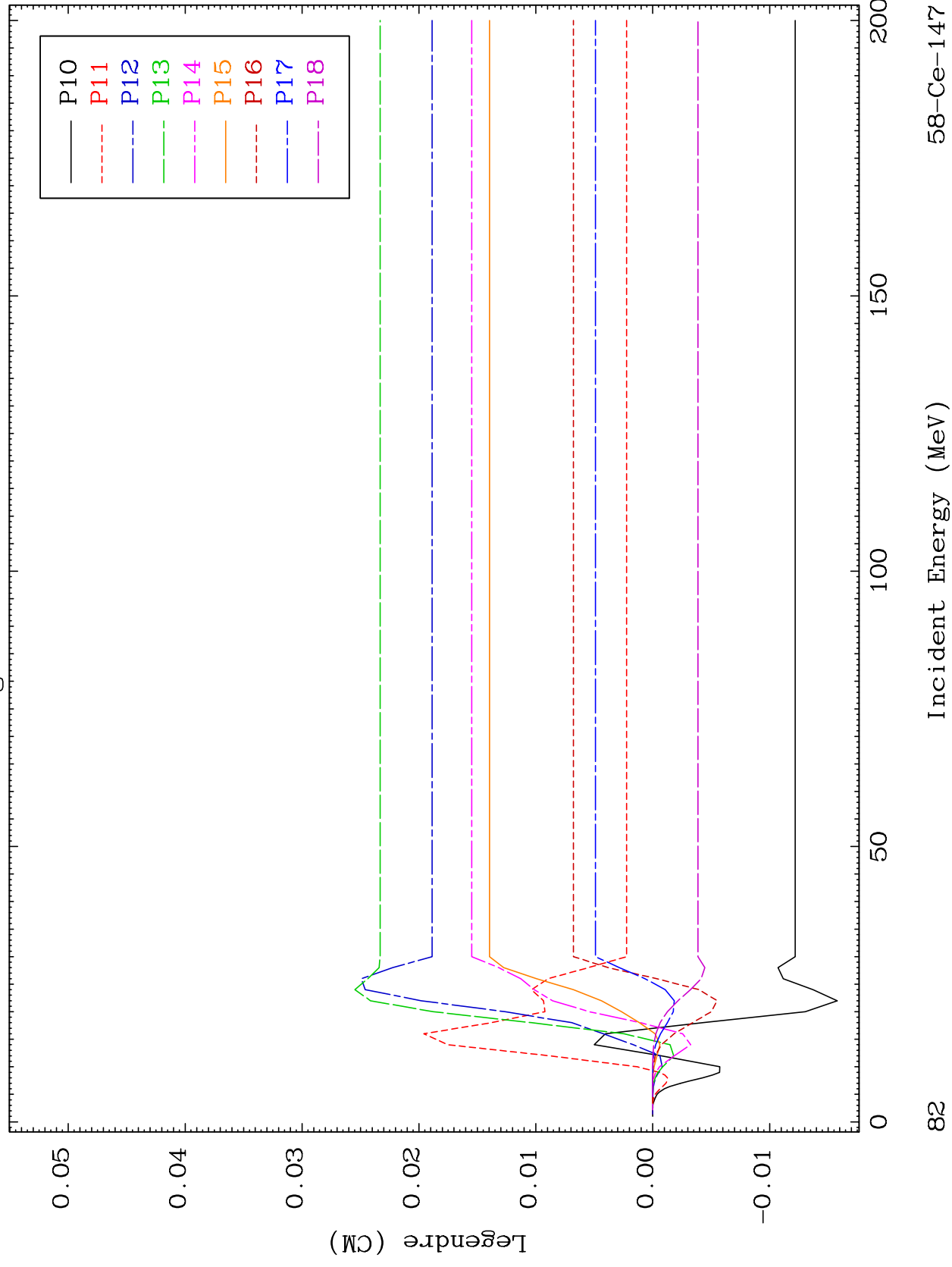
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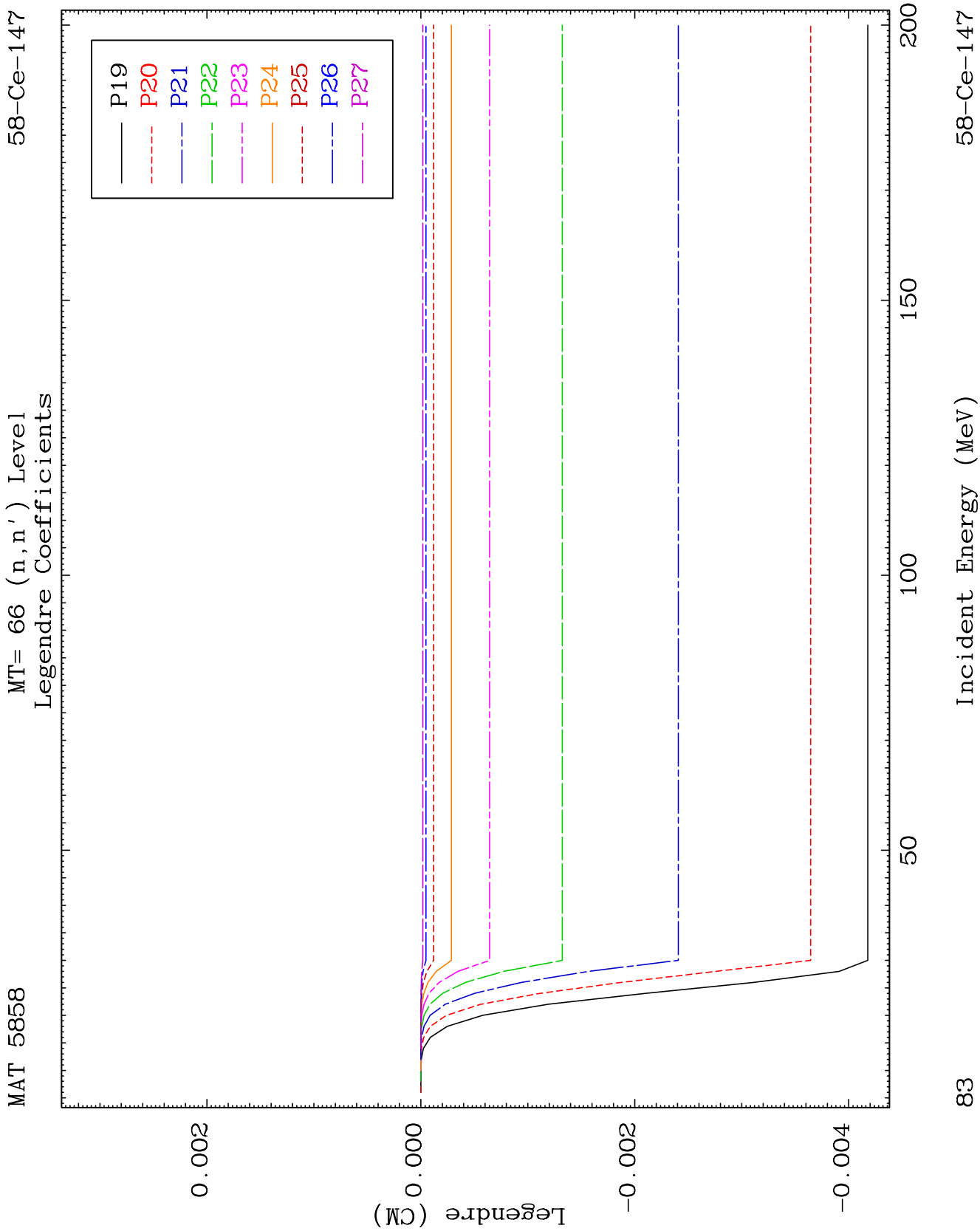


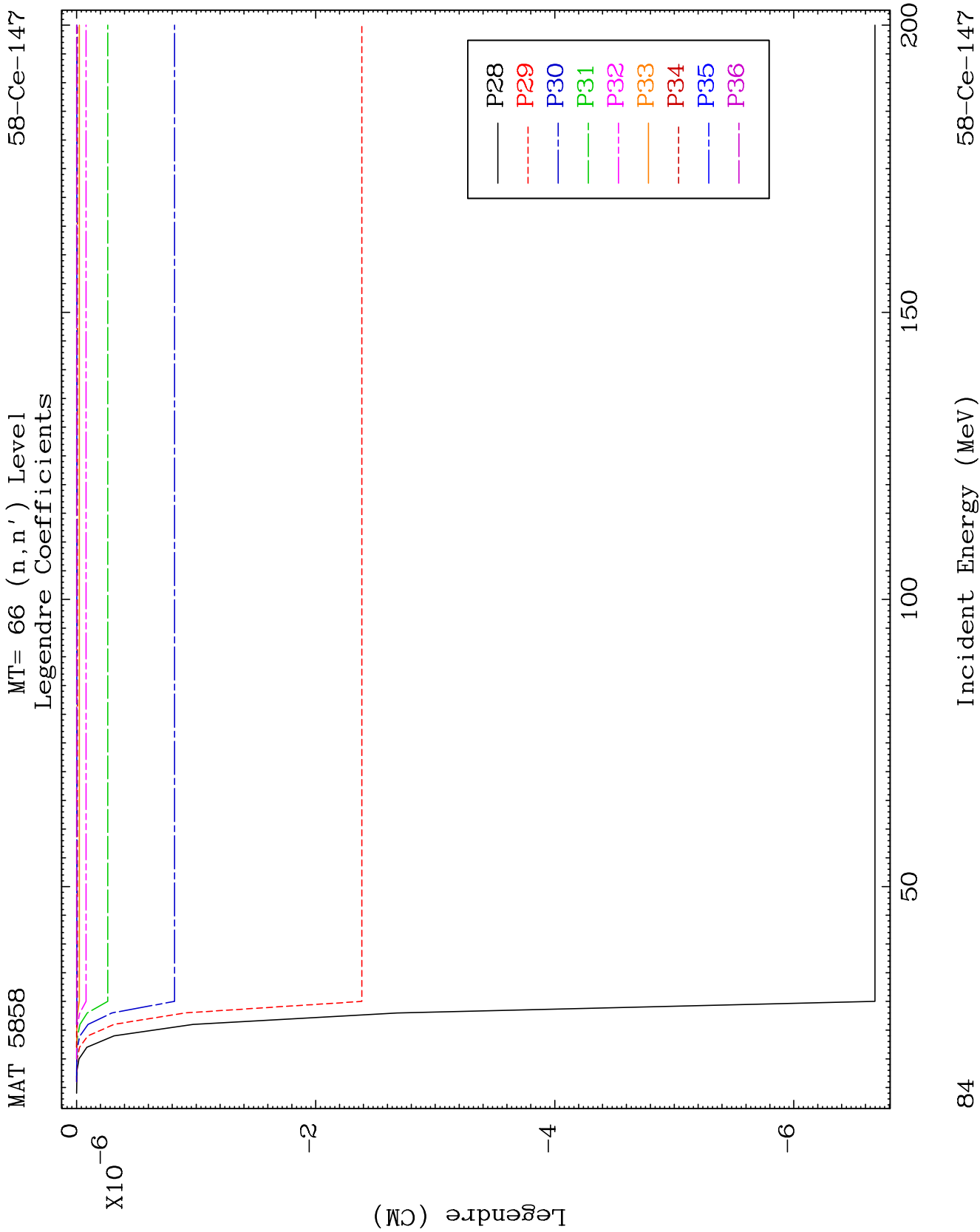
MAT 5858

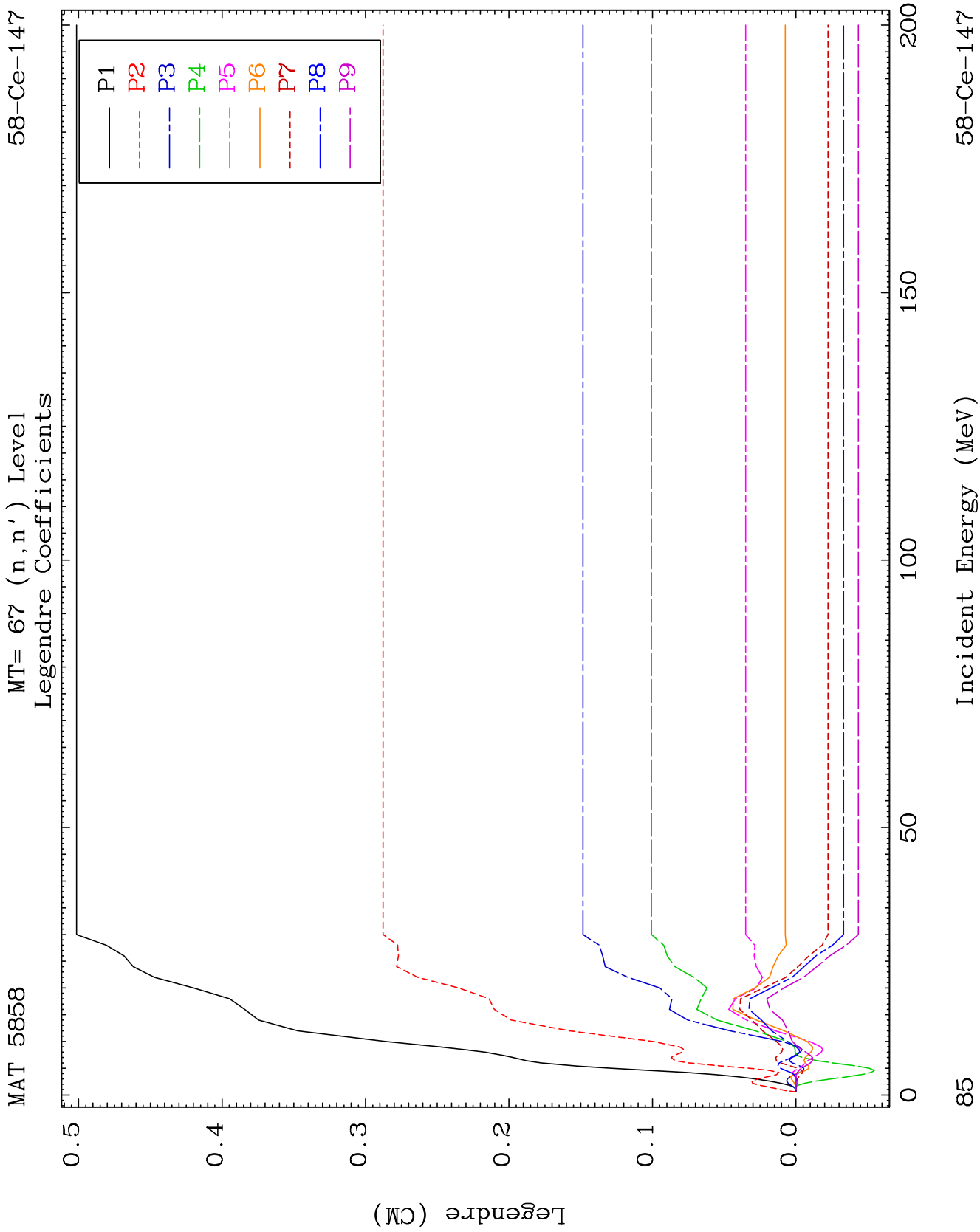
MT= 66 (n, n') Level
Legendre Coefficients

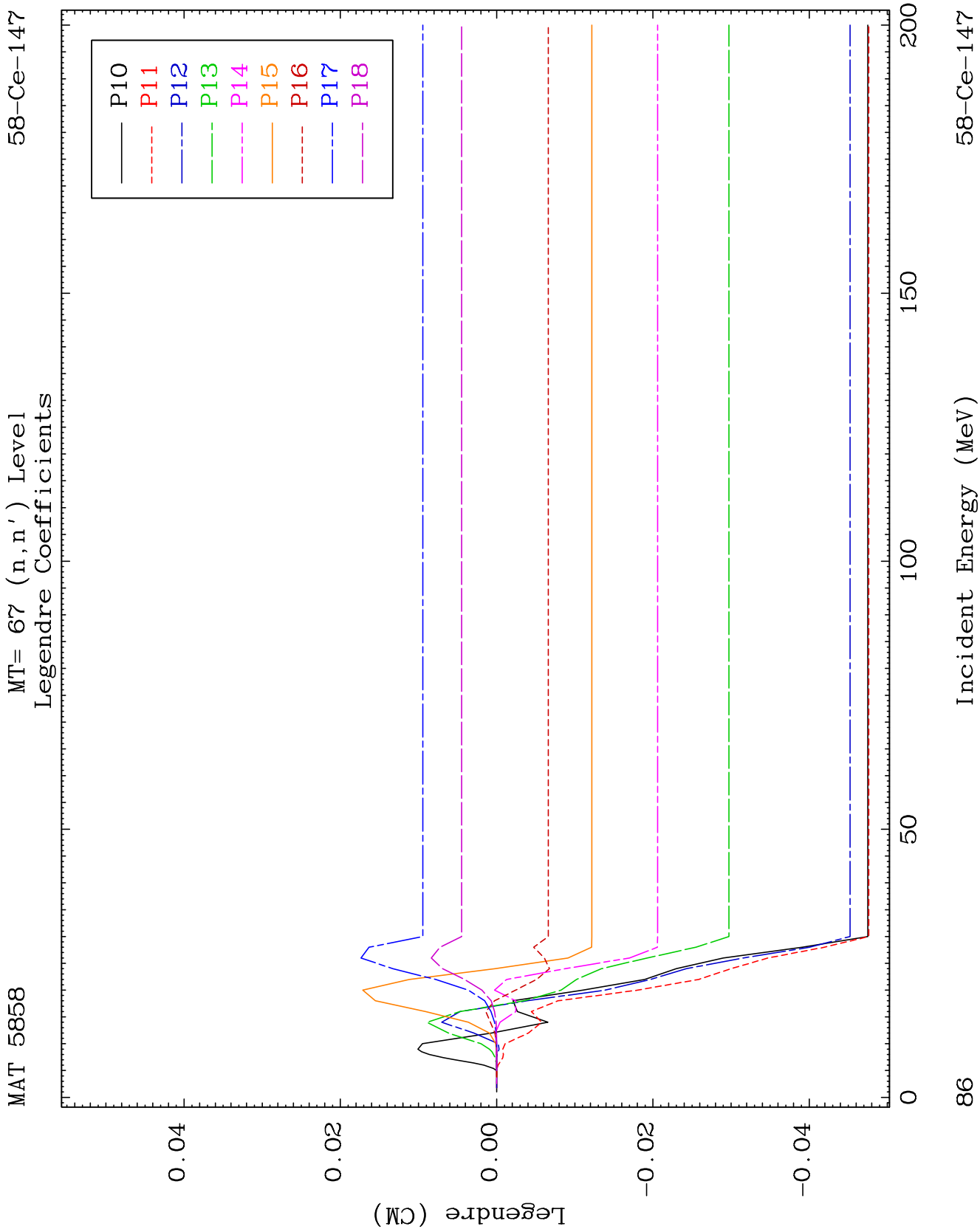
58-Ce-147







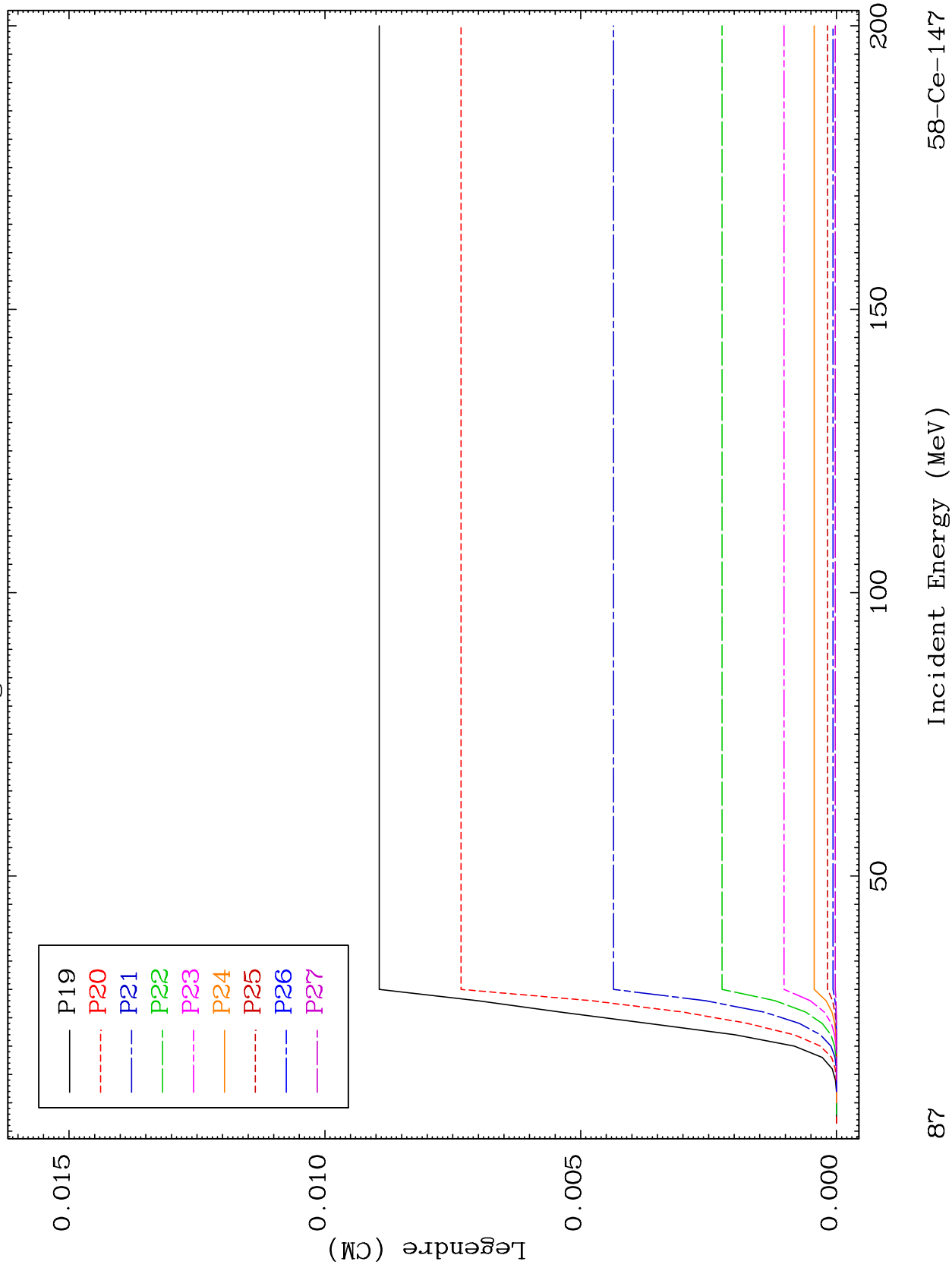


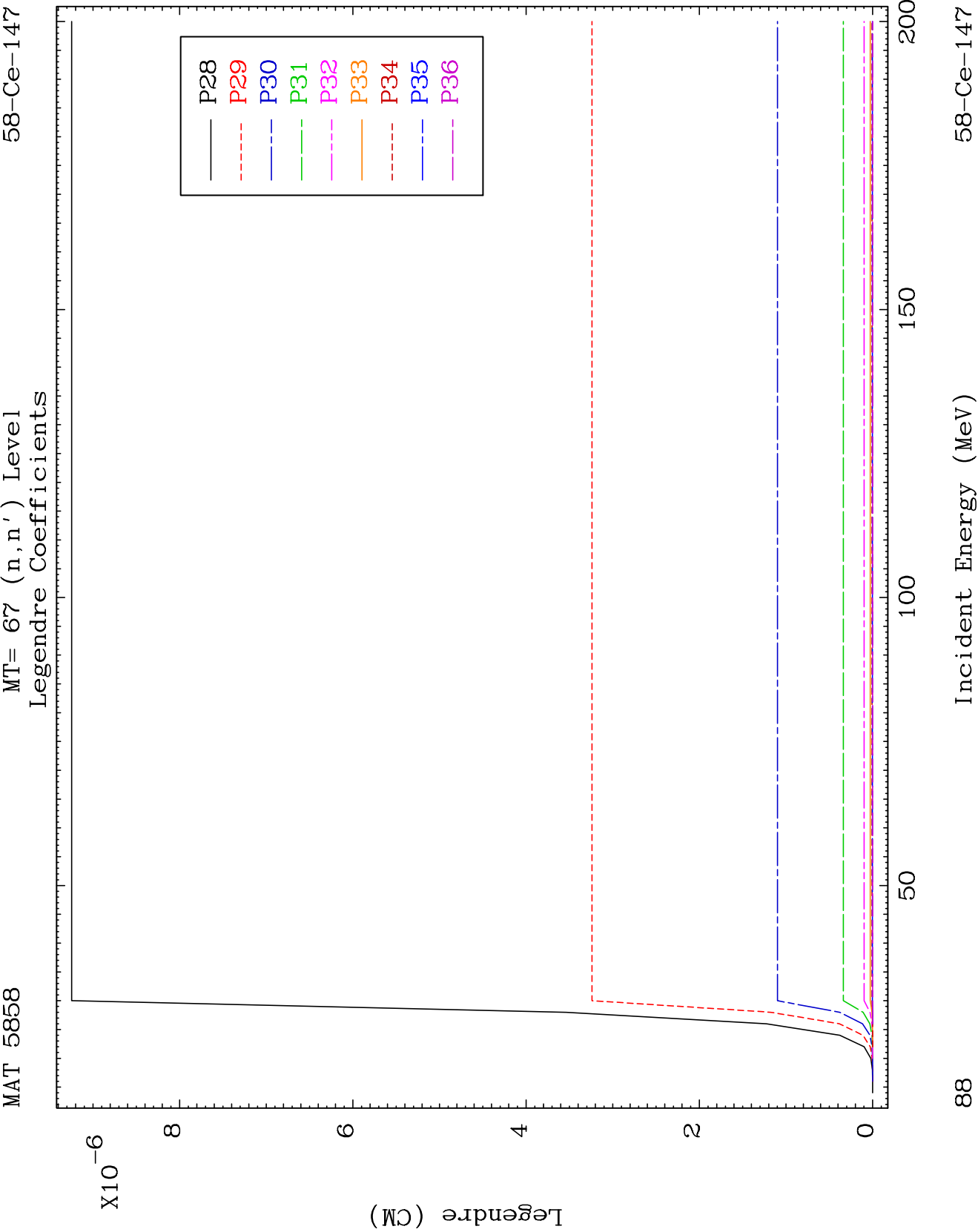


MAT 5858

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

58-Ce-147

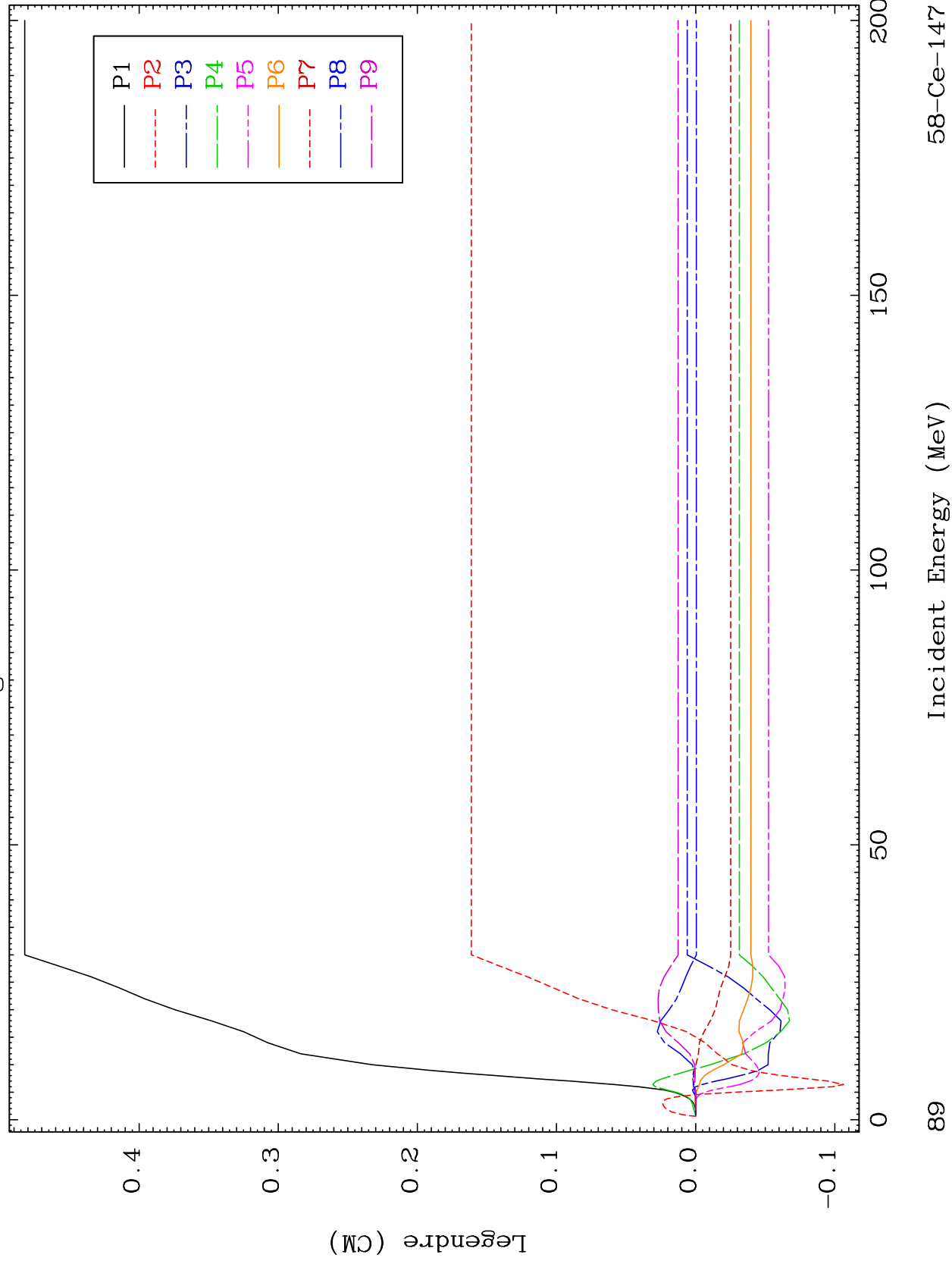


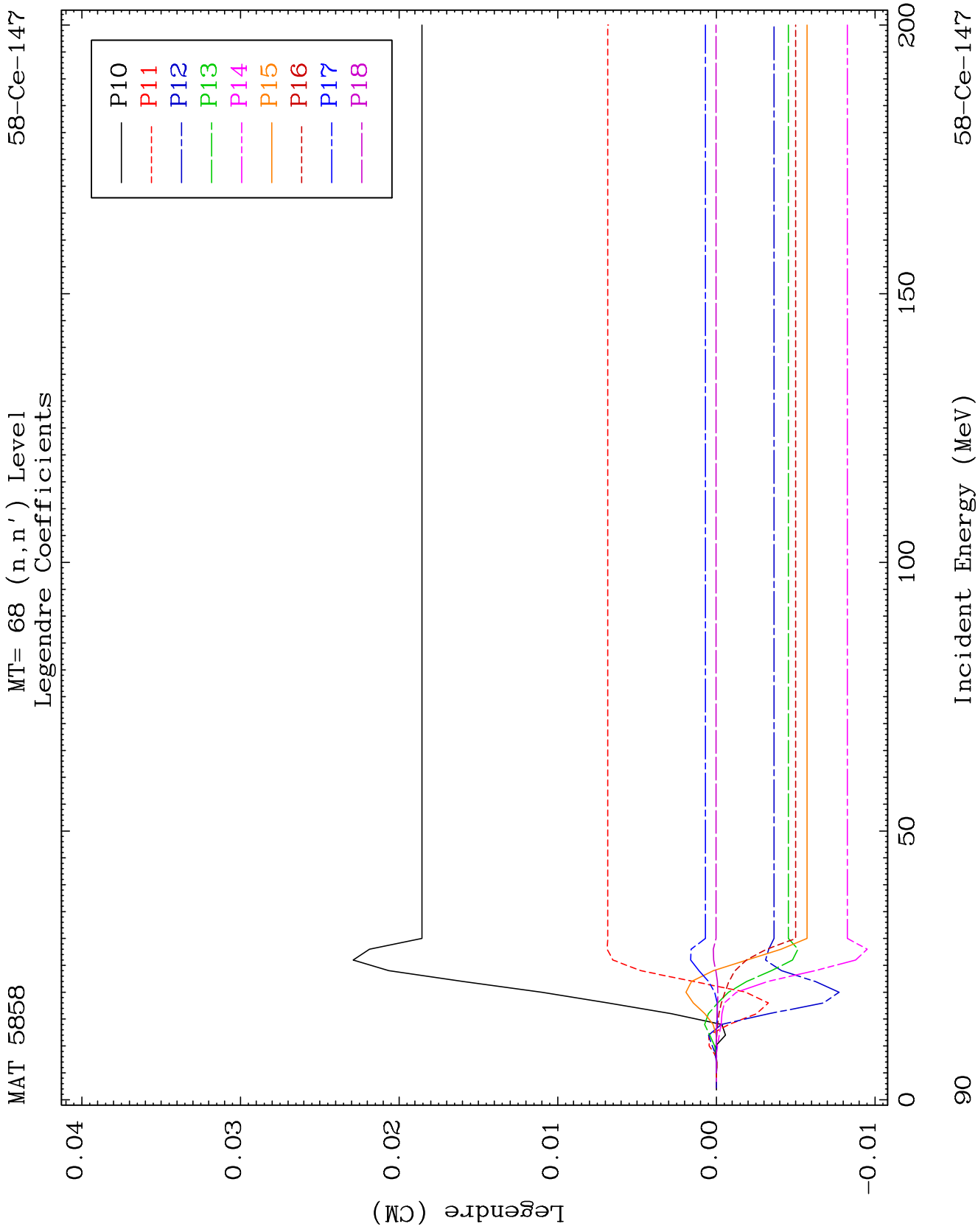


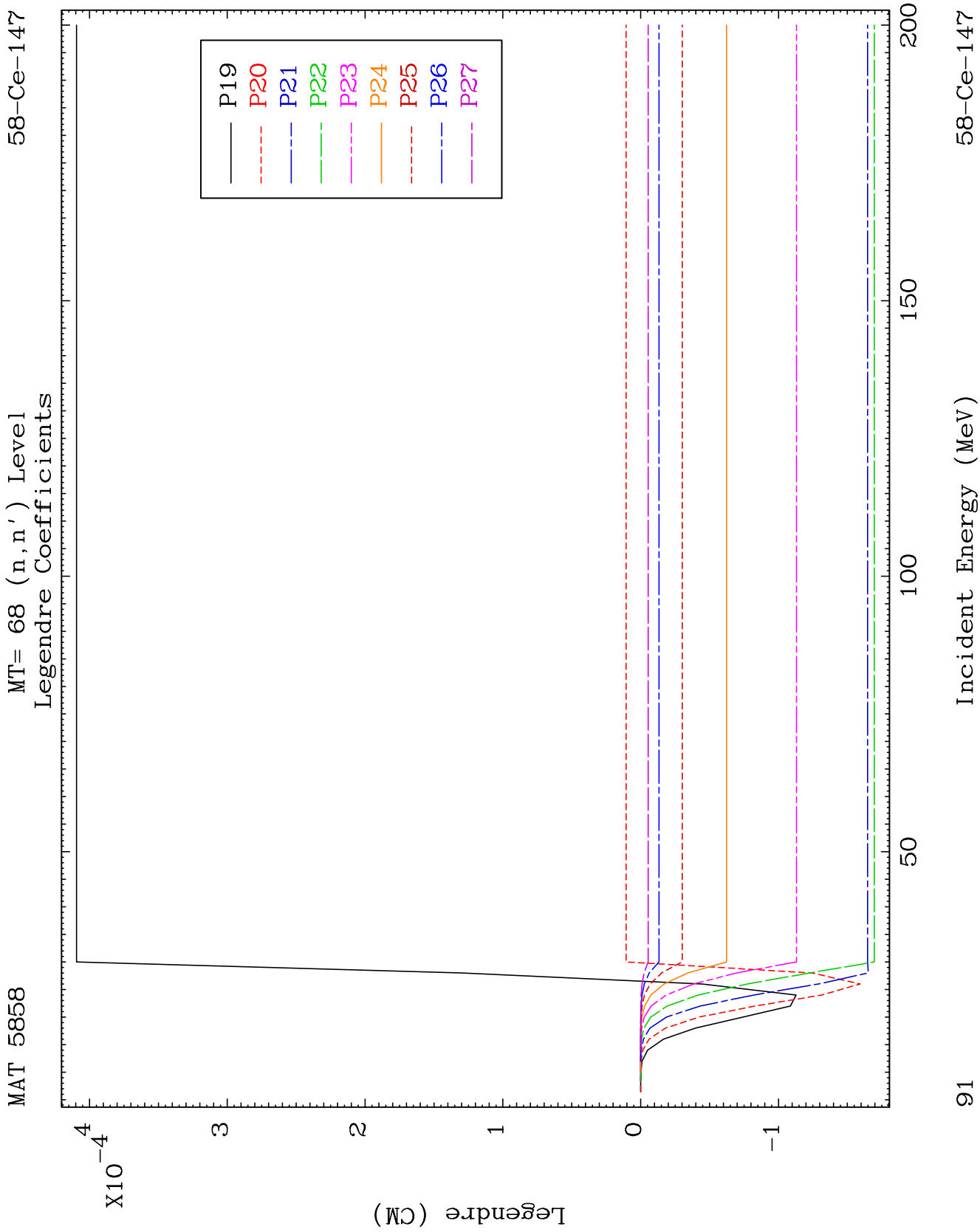
MAT 5858

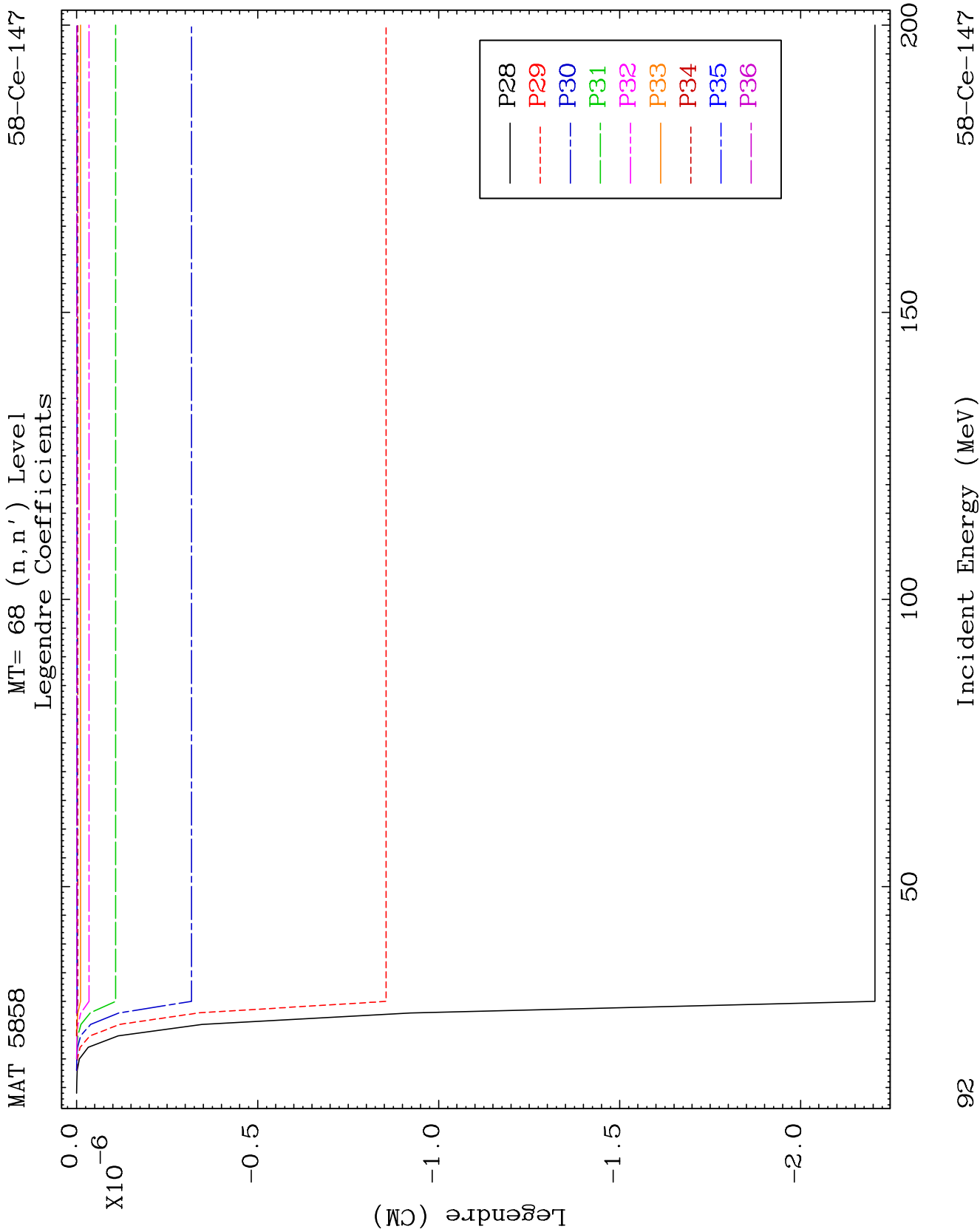
MT= 68 (n, n') Level
Legendre Coefficients

58-Ce-147





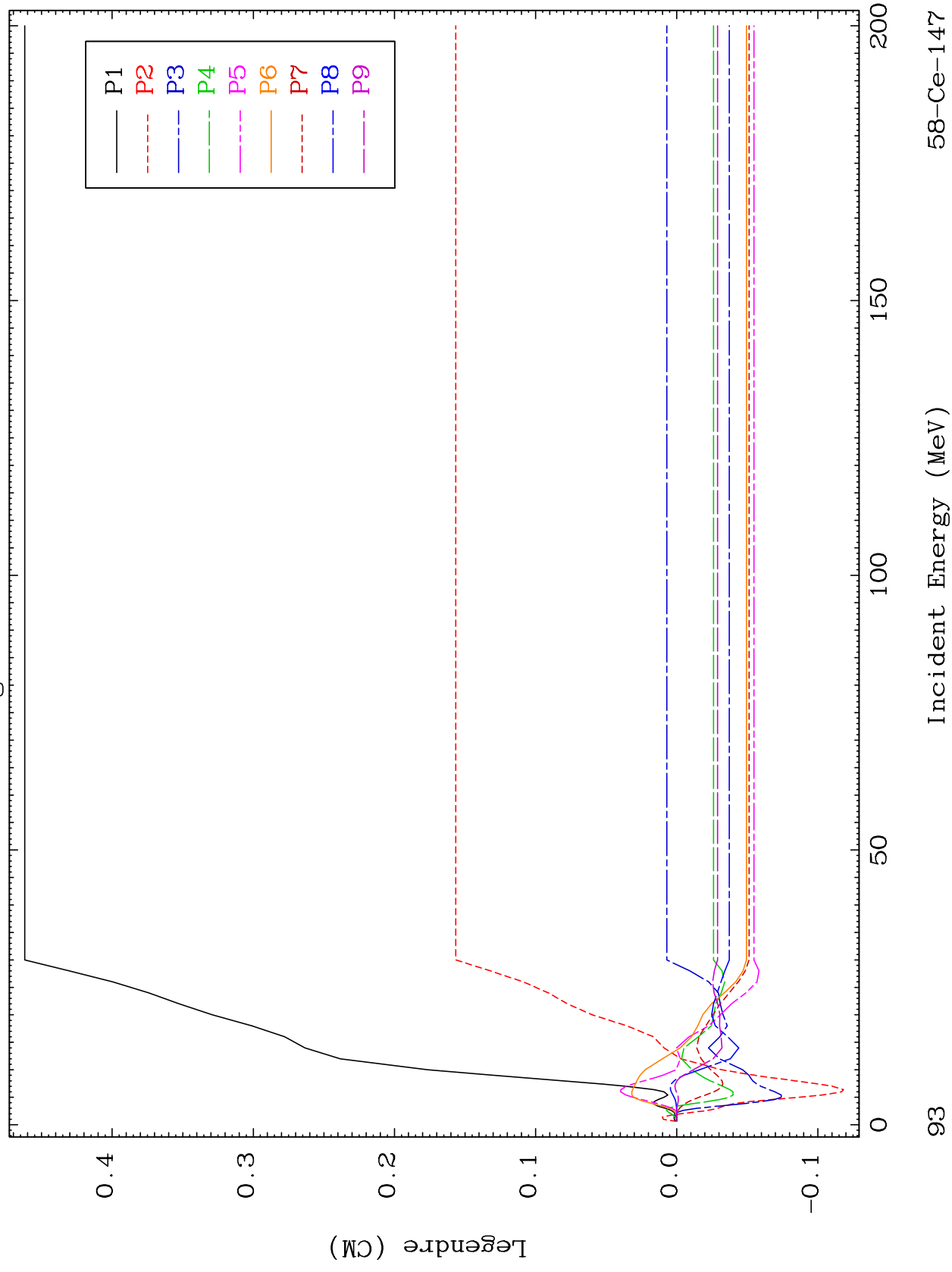




MAT 5858

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

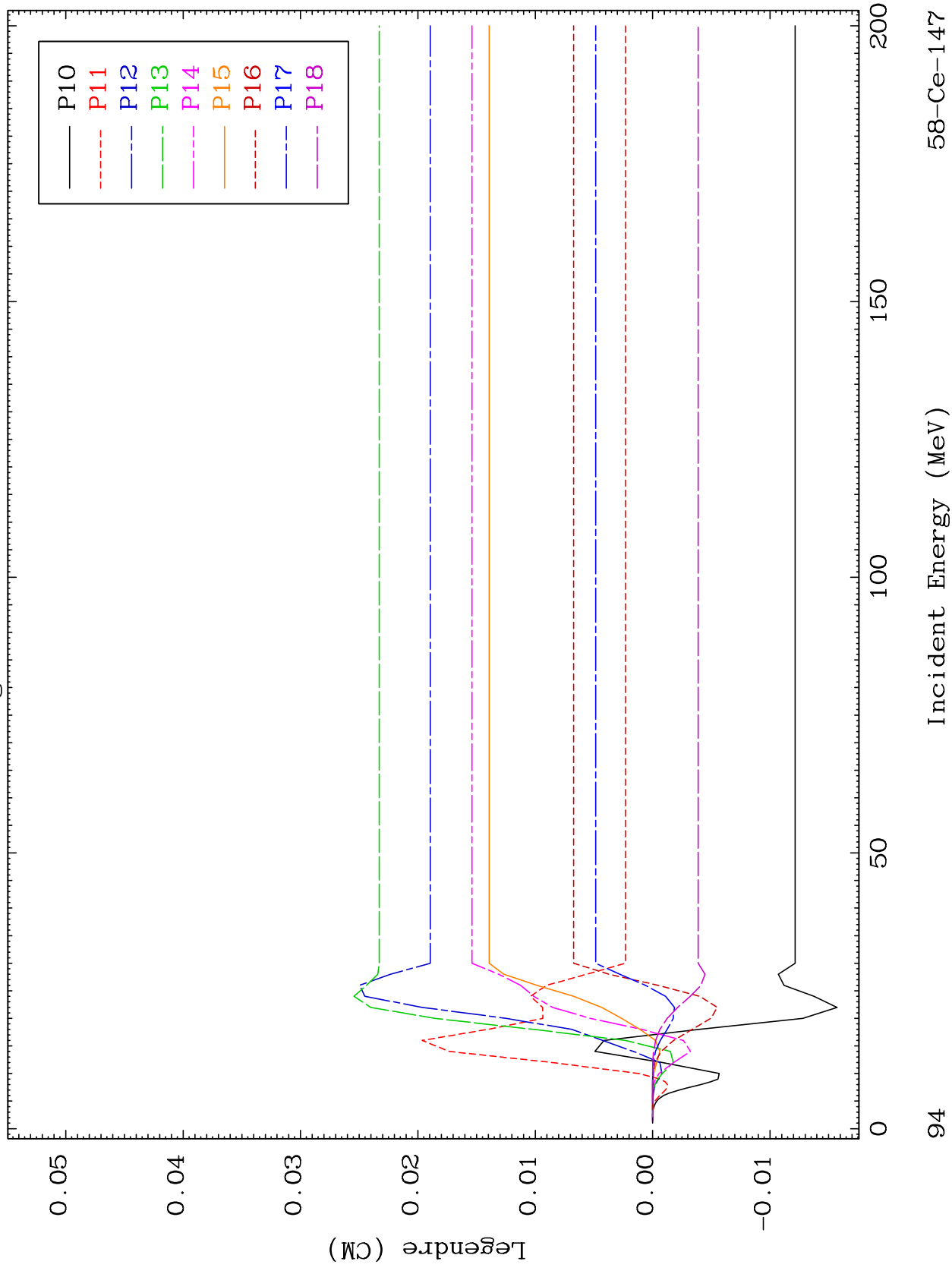
58-Ce-147

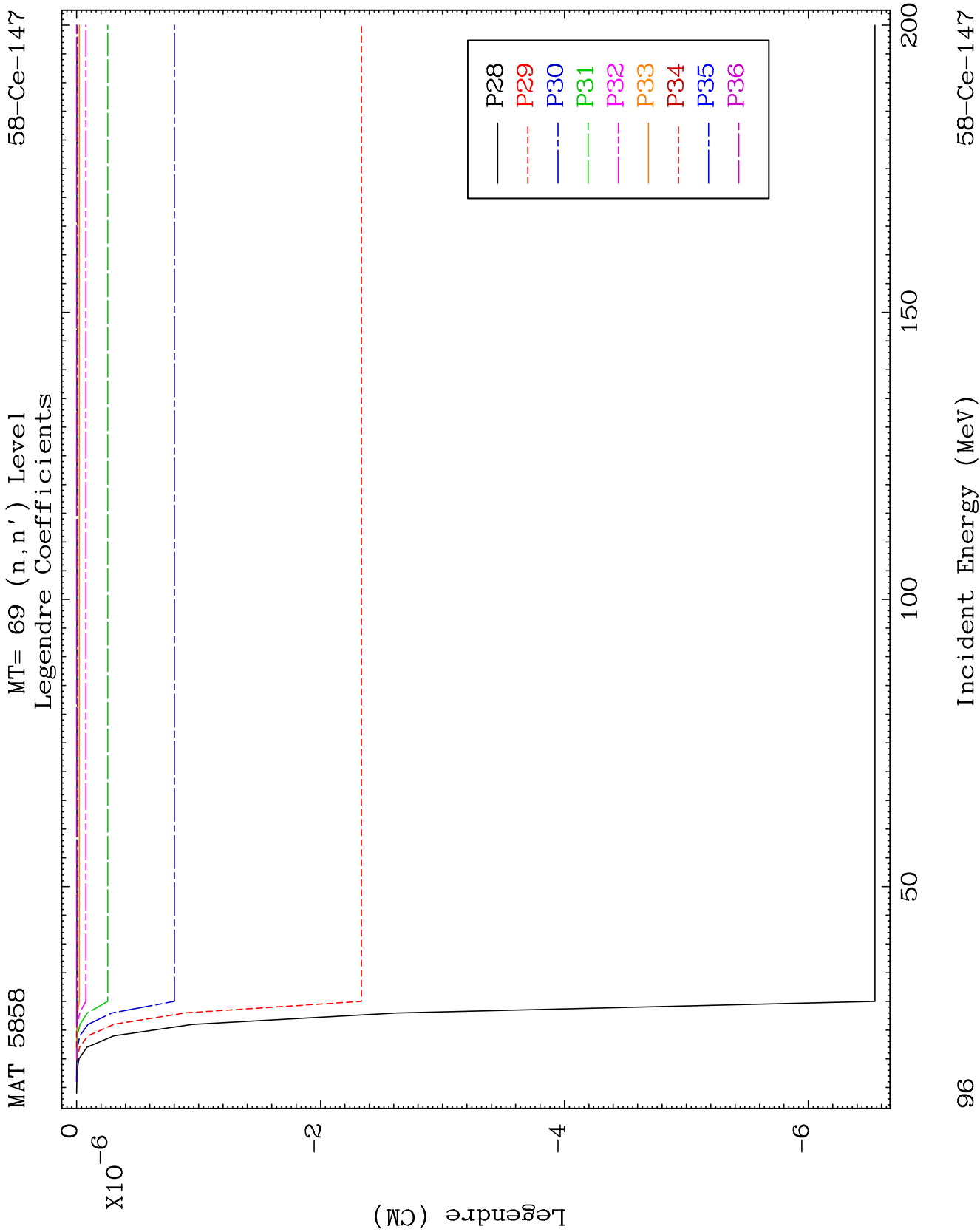


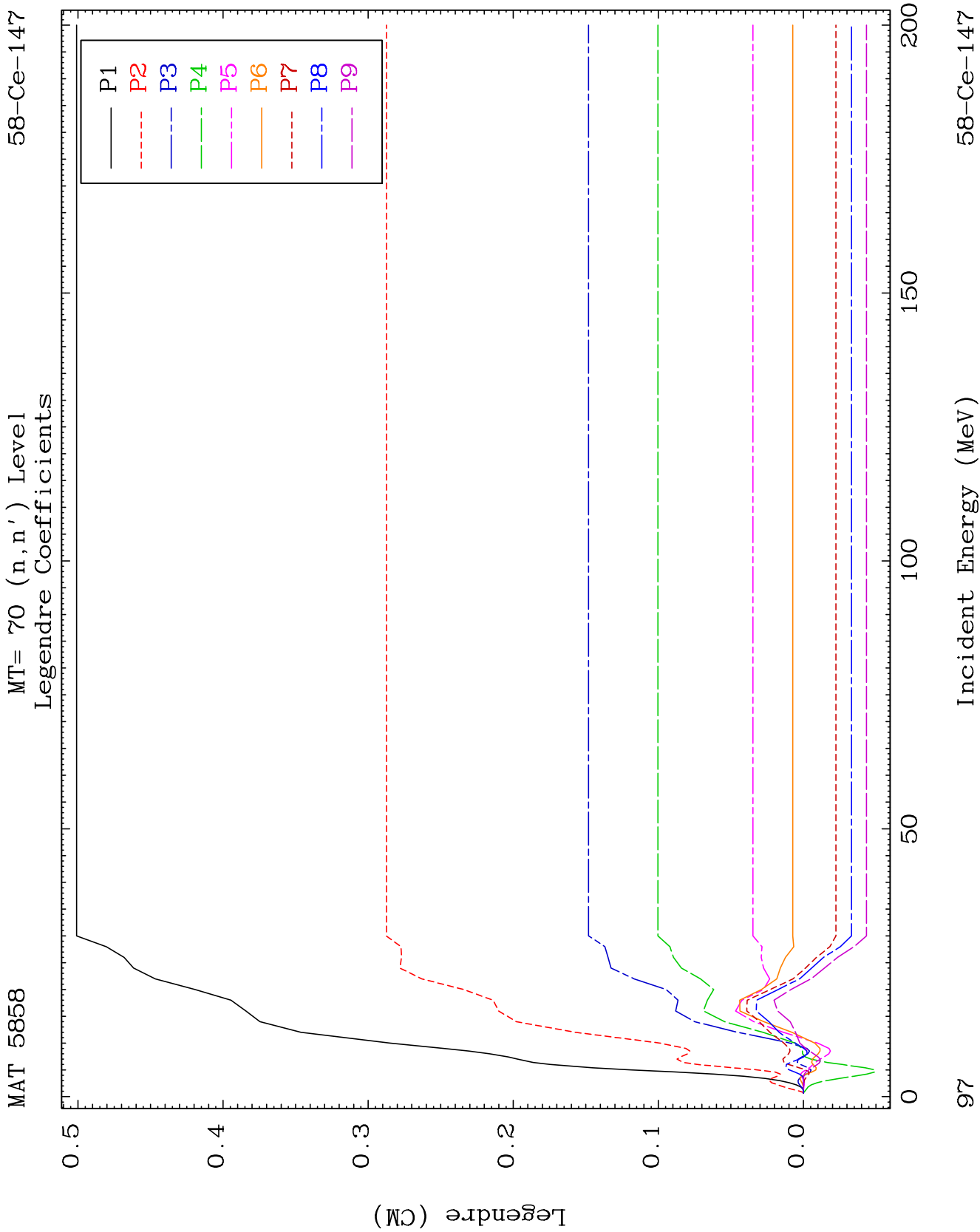
MAT 5858

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

58-Ce-147



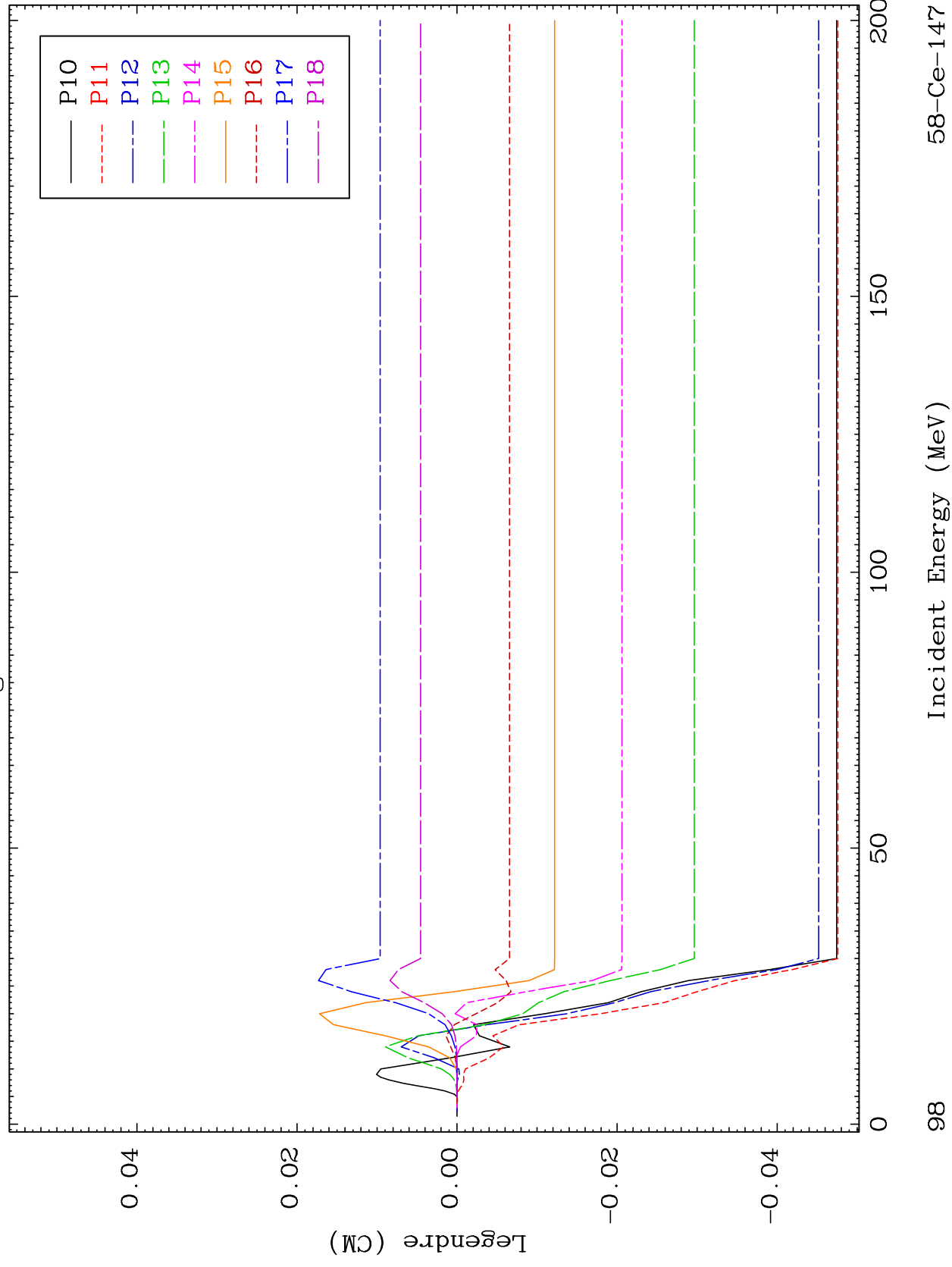


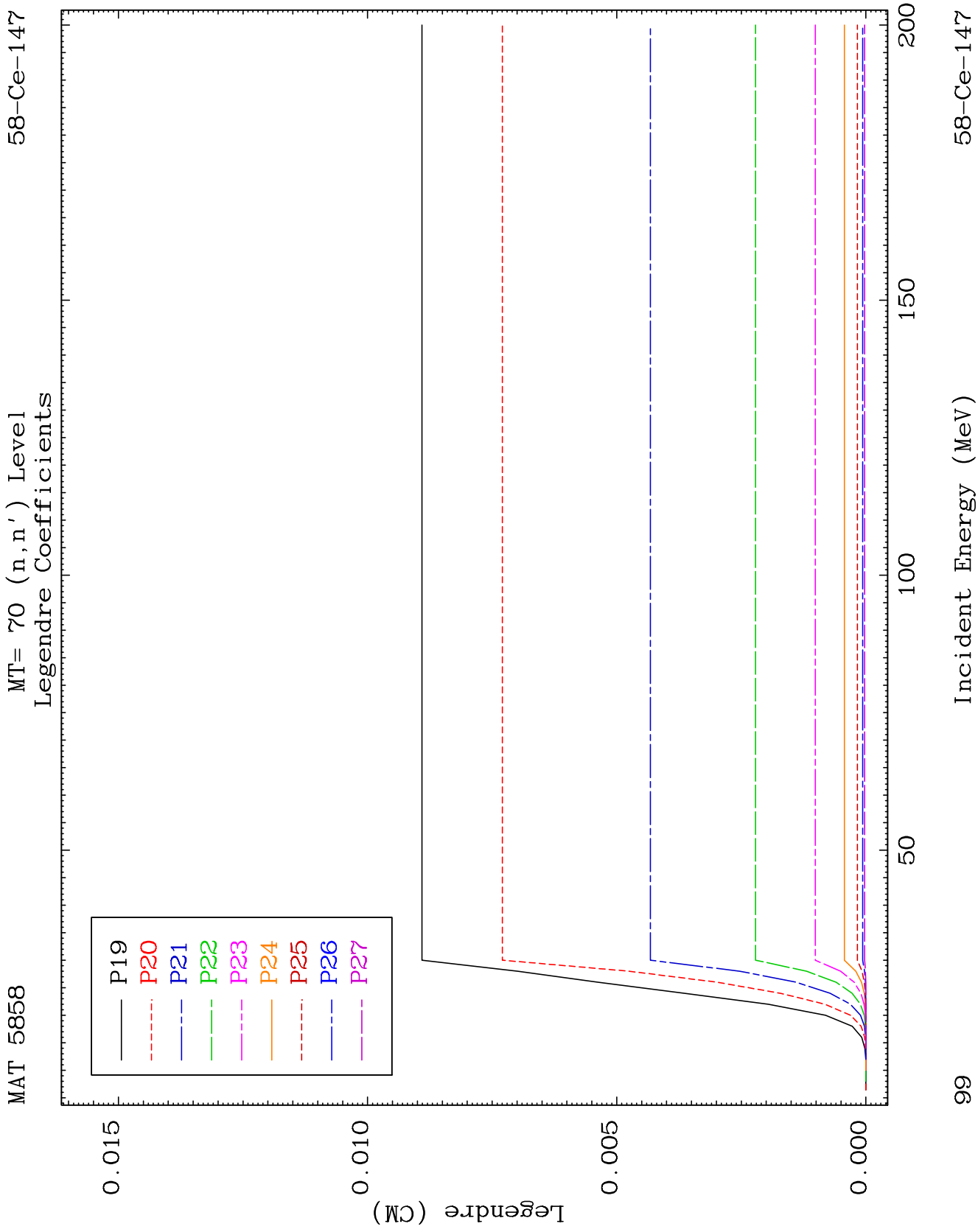


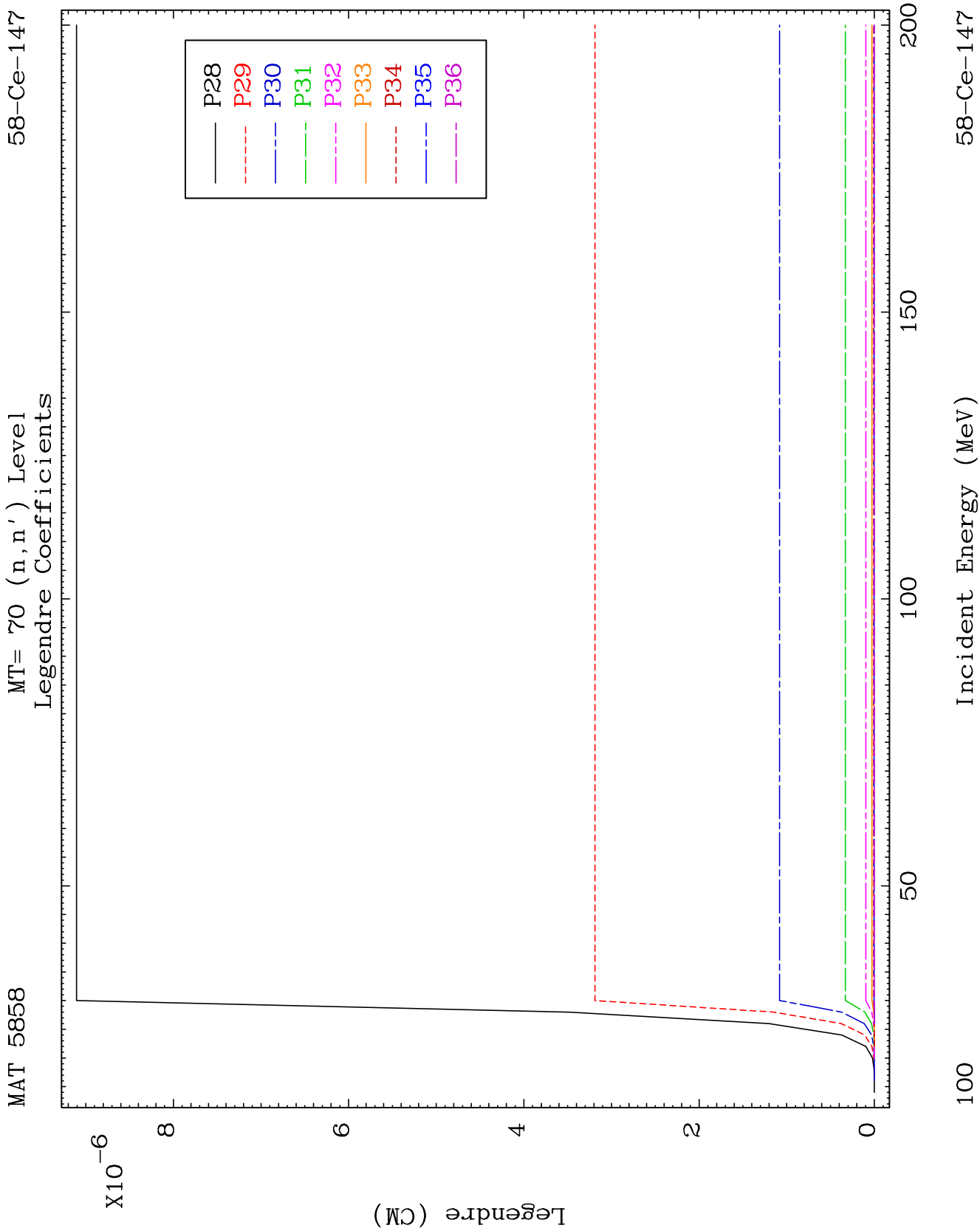
MAT 5858

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

58-Ce-147



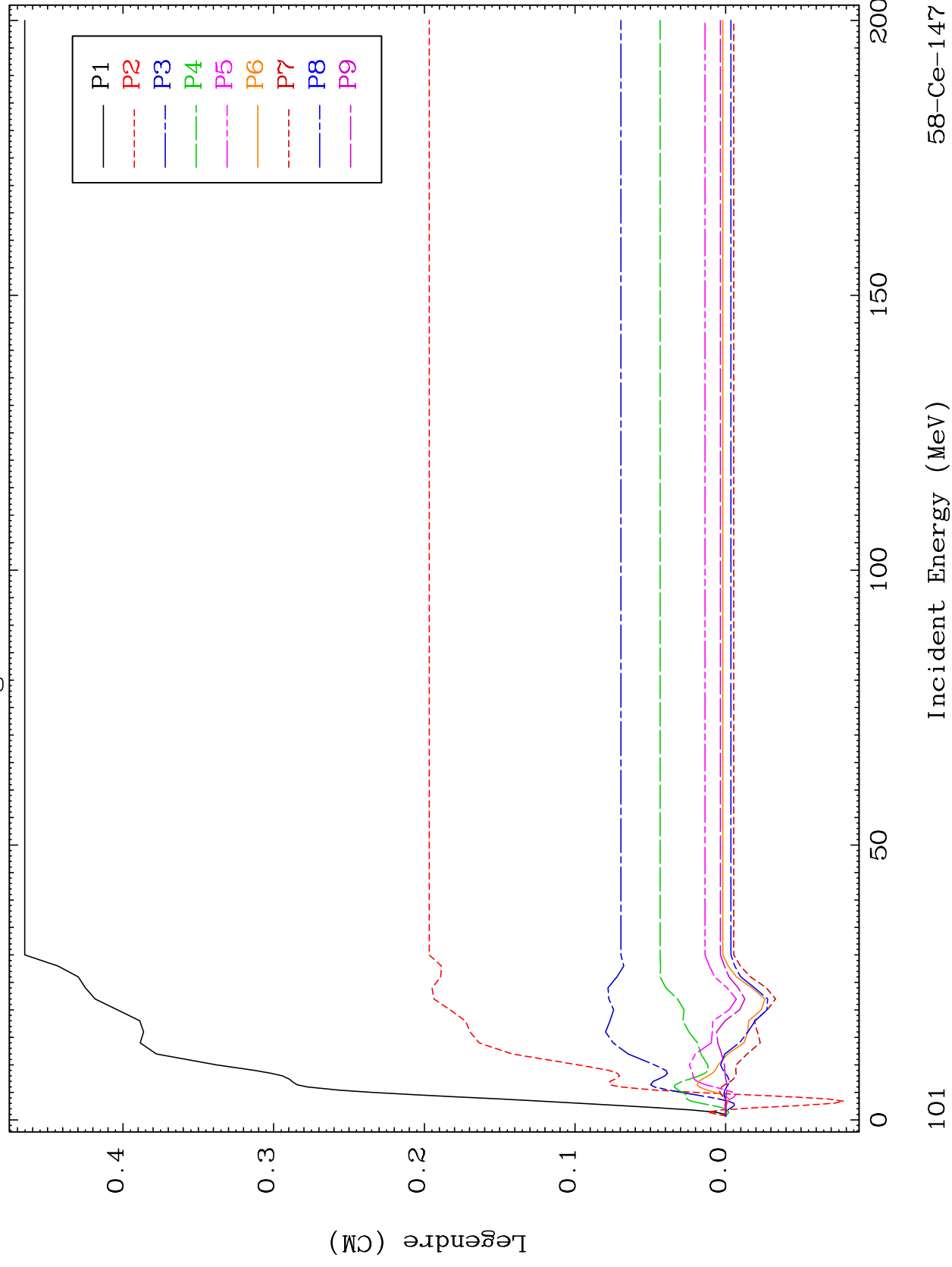




MAT 5858

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

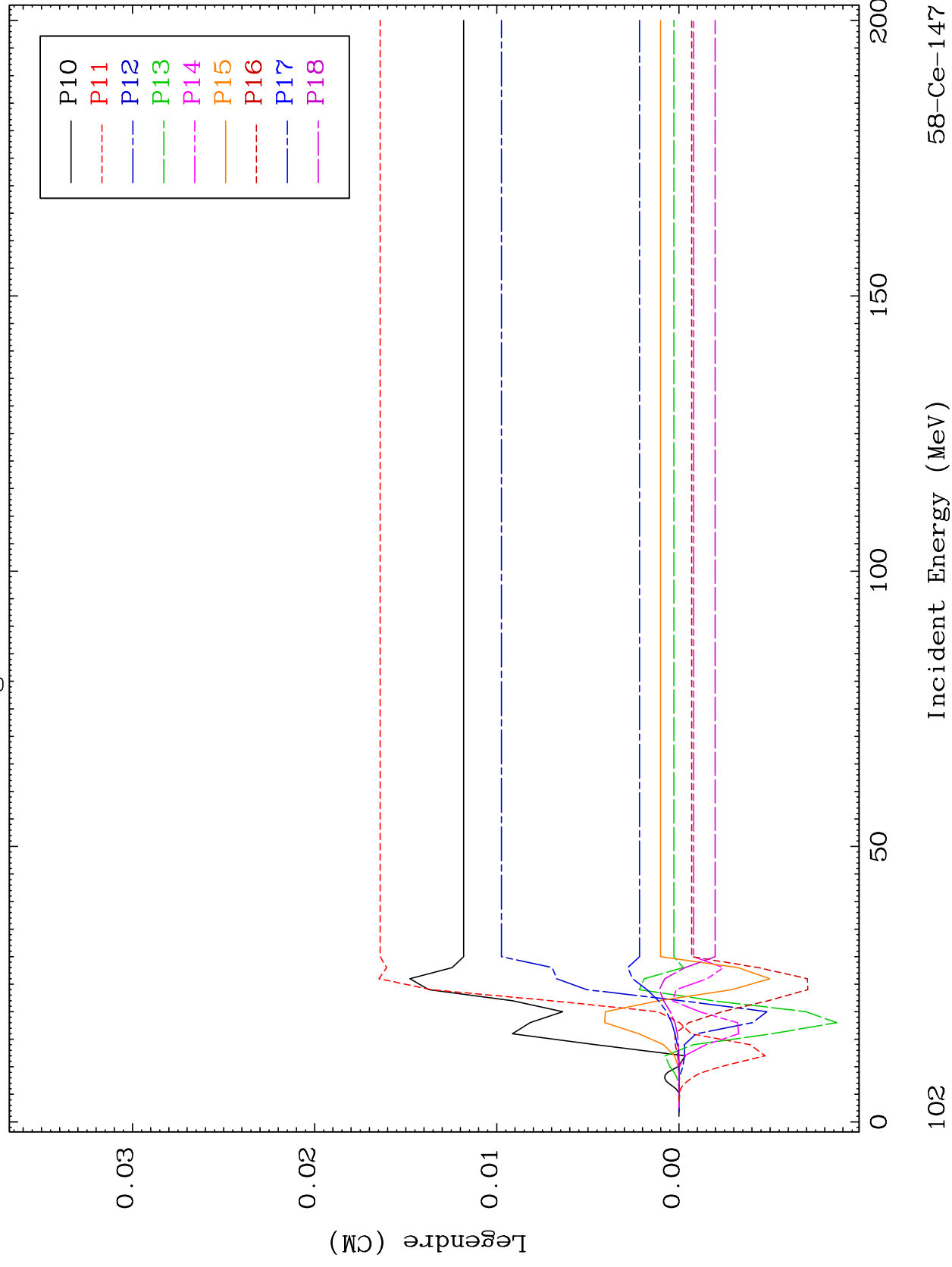
58-Ce-147

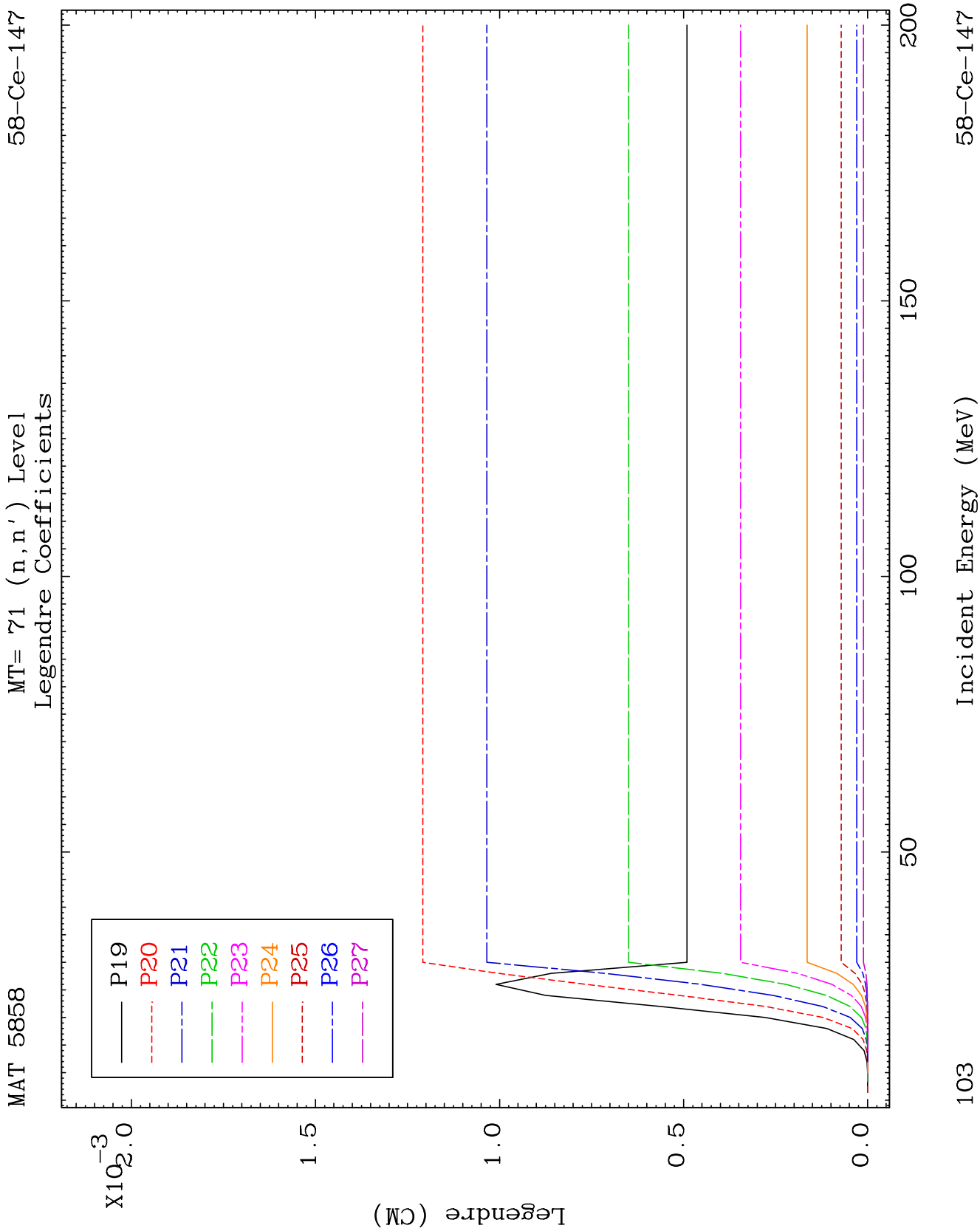


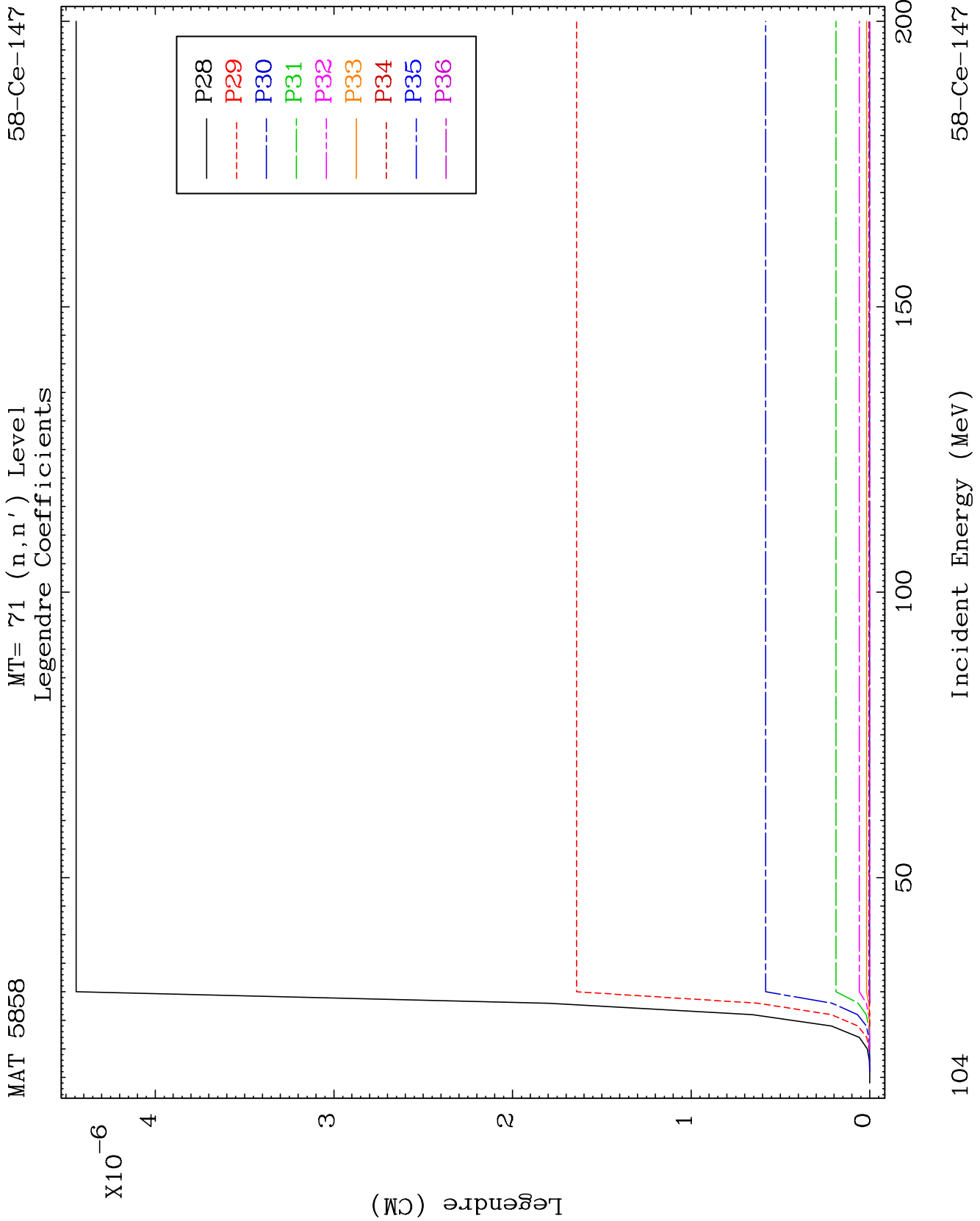
MAT 5858

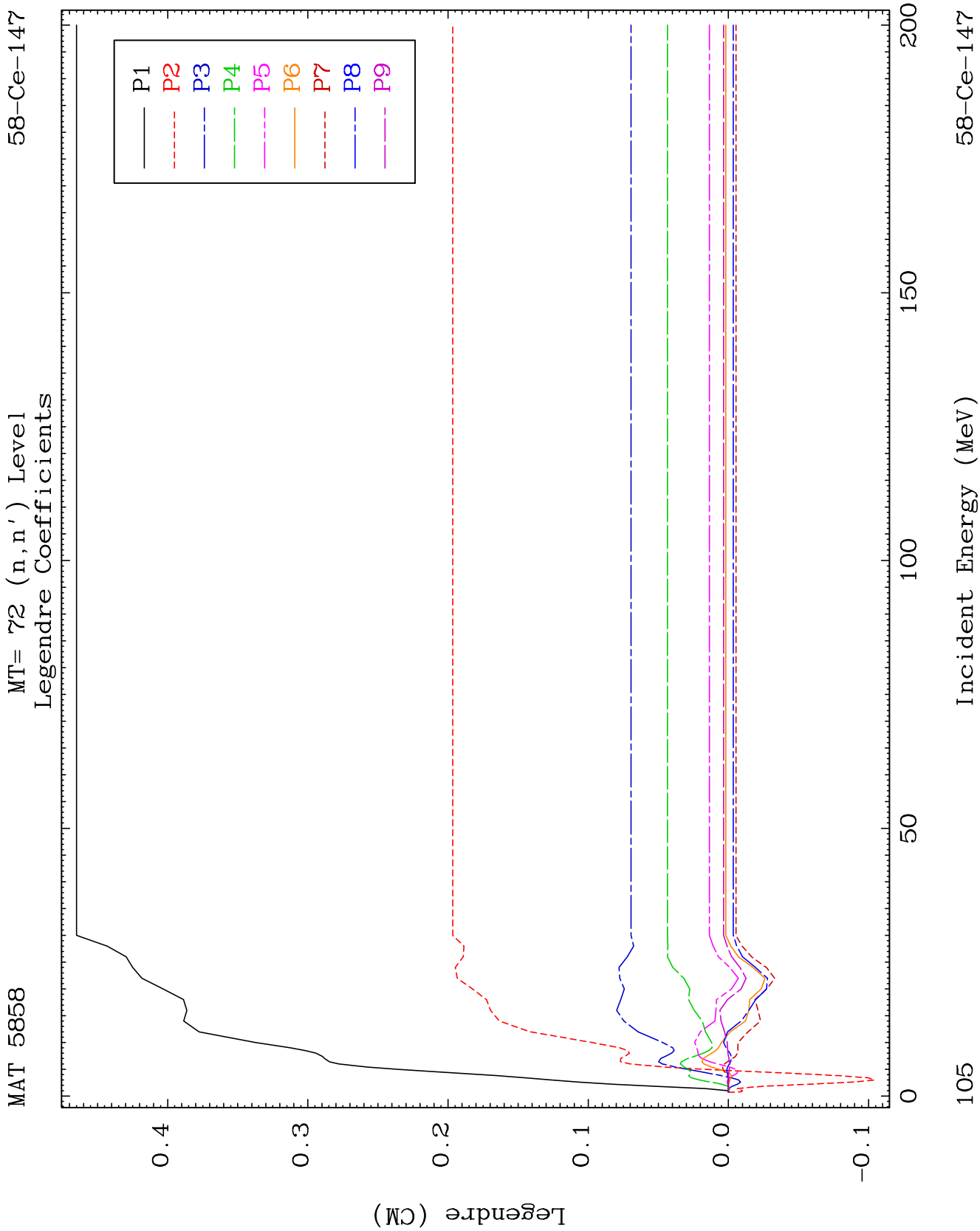
MT= 71 (n, n') Level
Legendre Coefficients

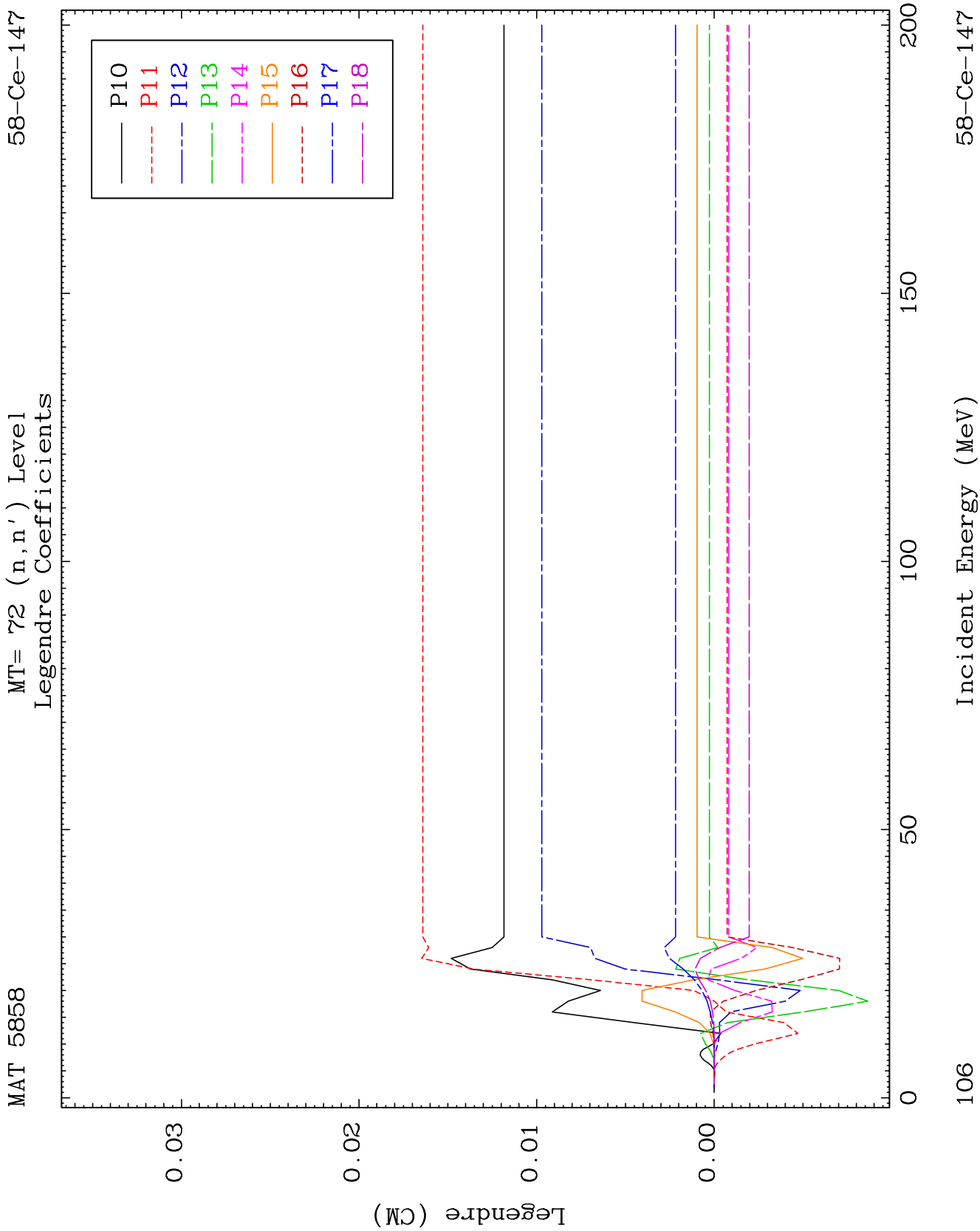
58-Ce-147

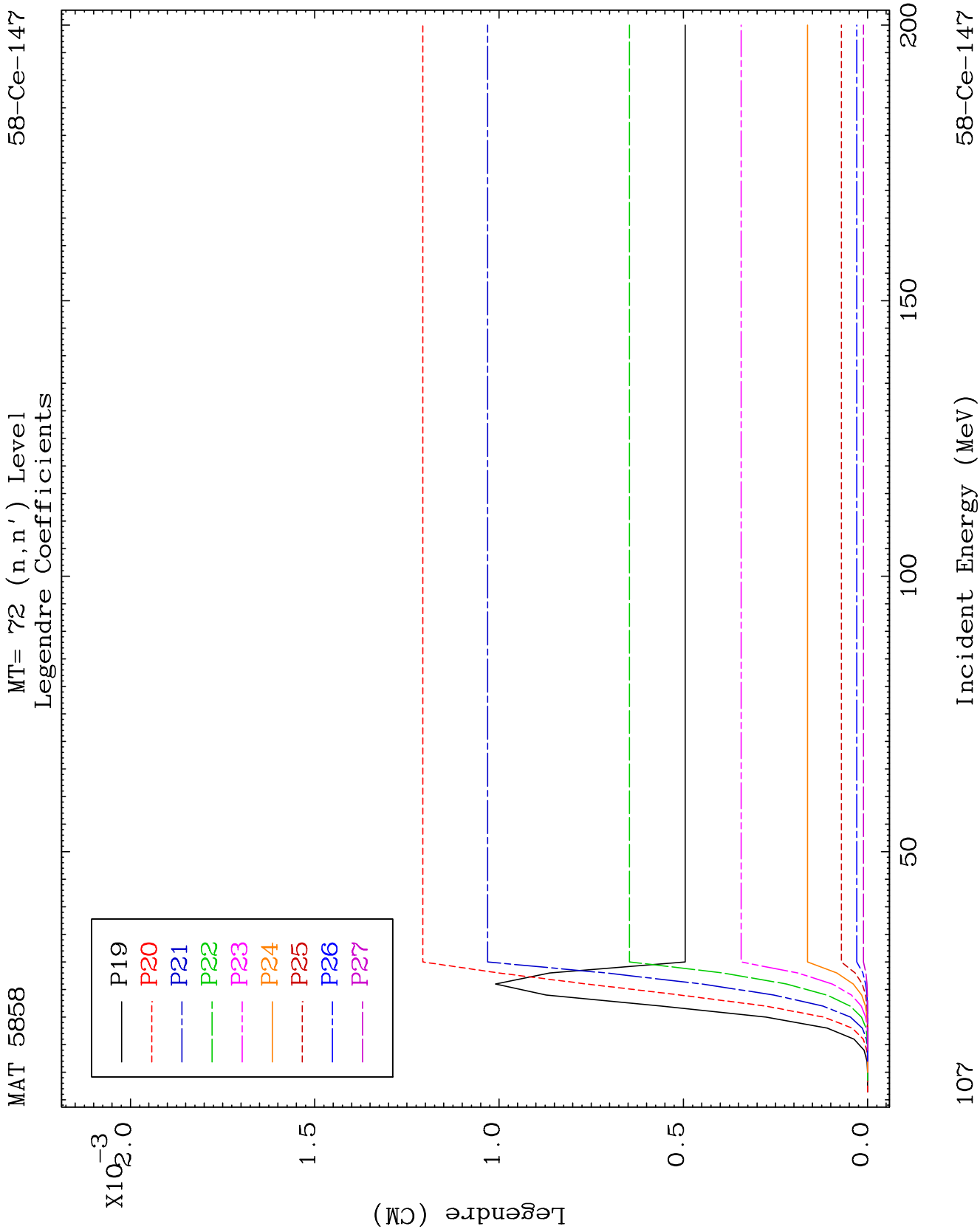


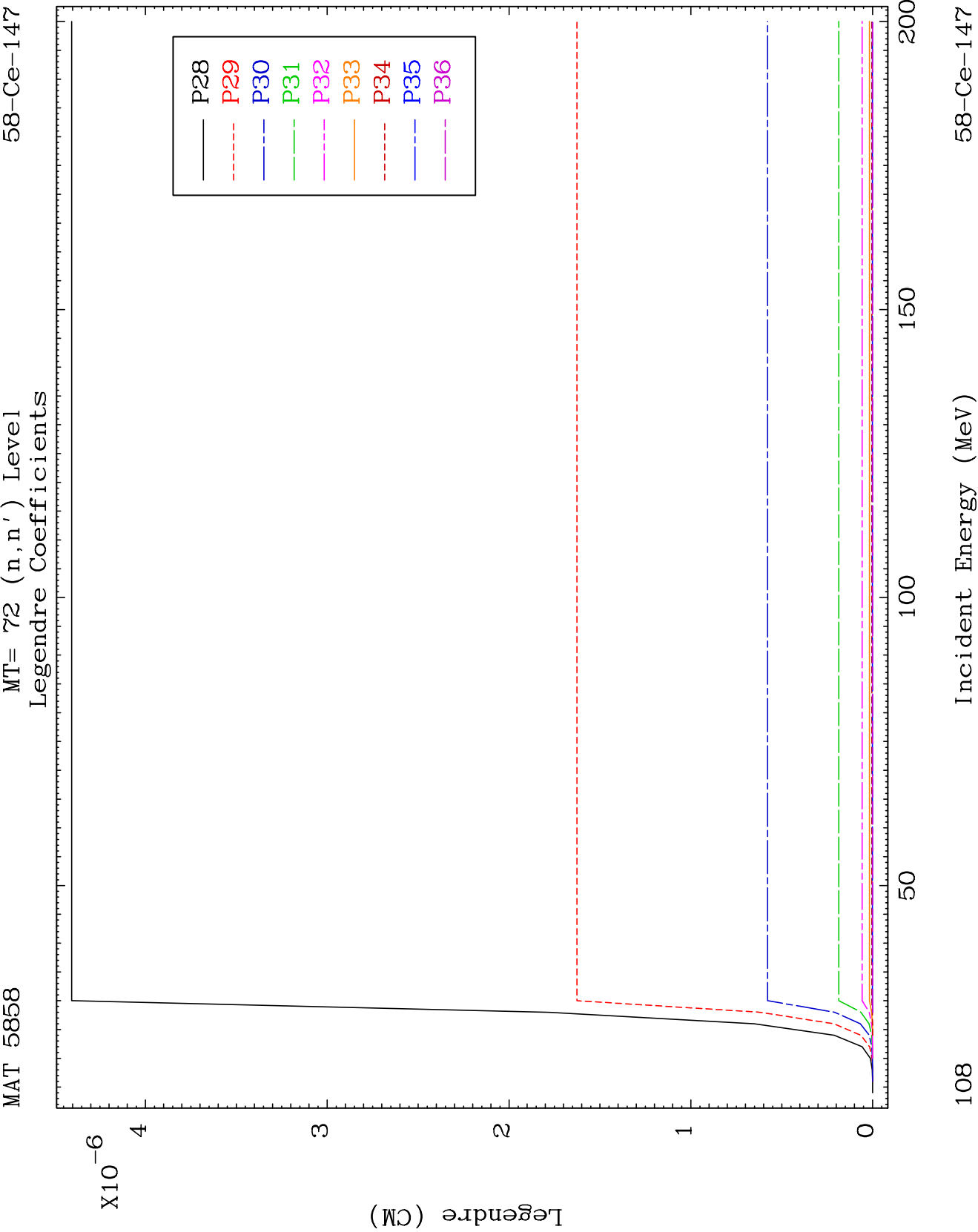


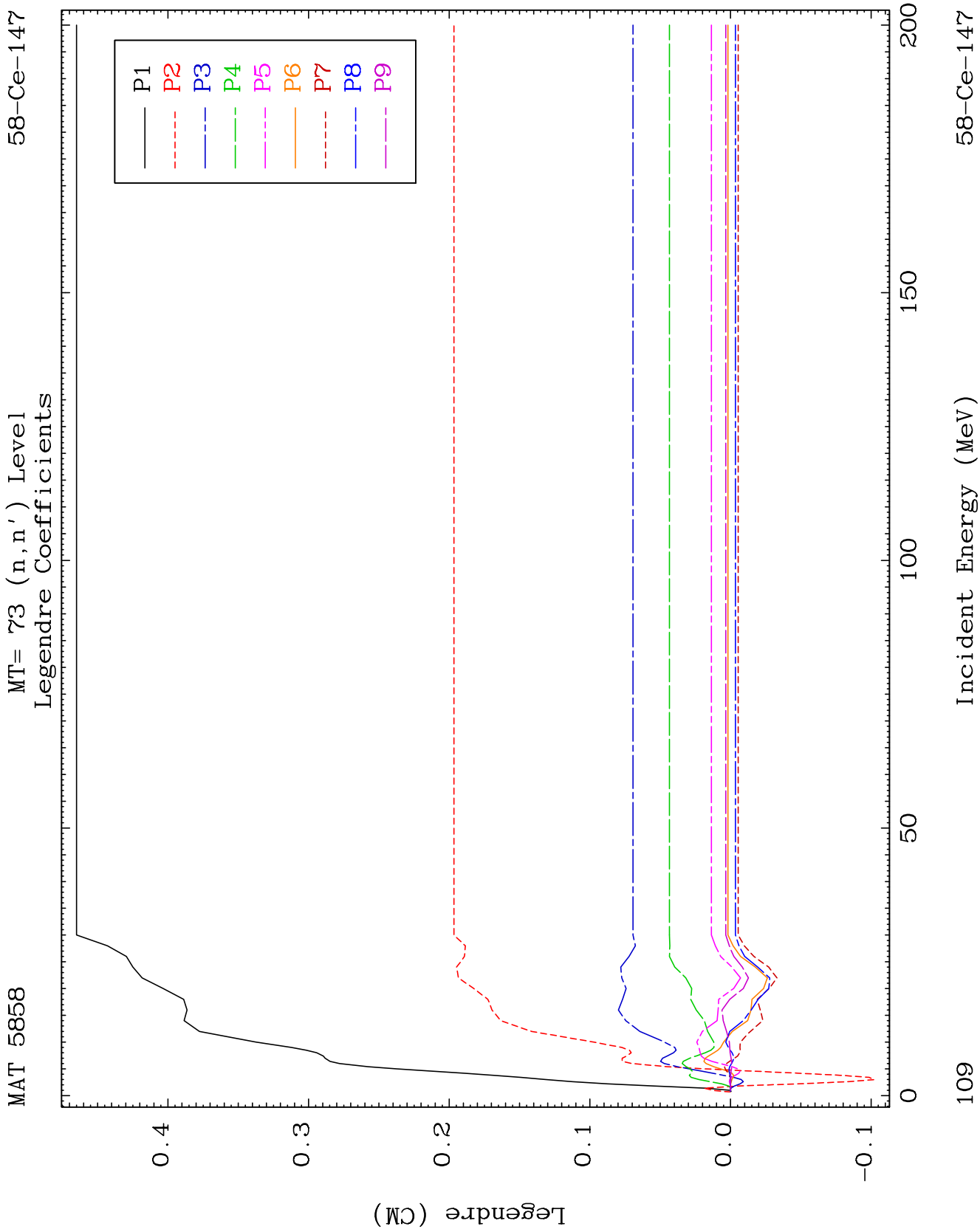








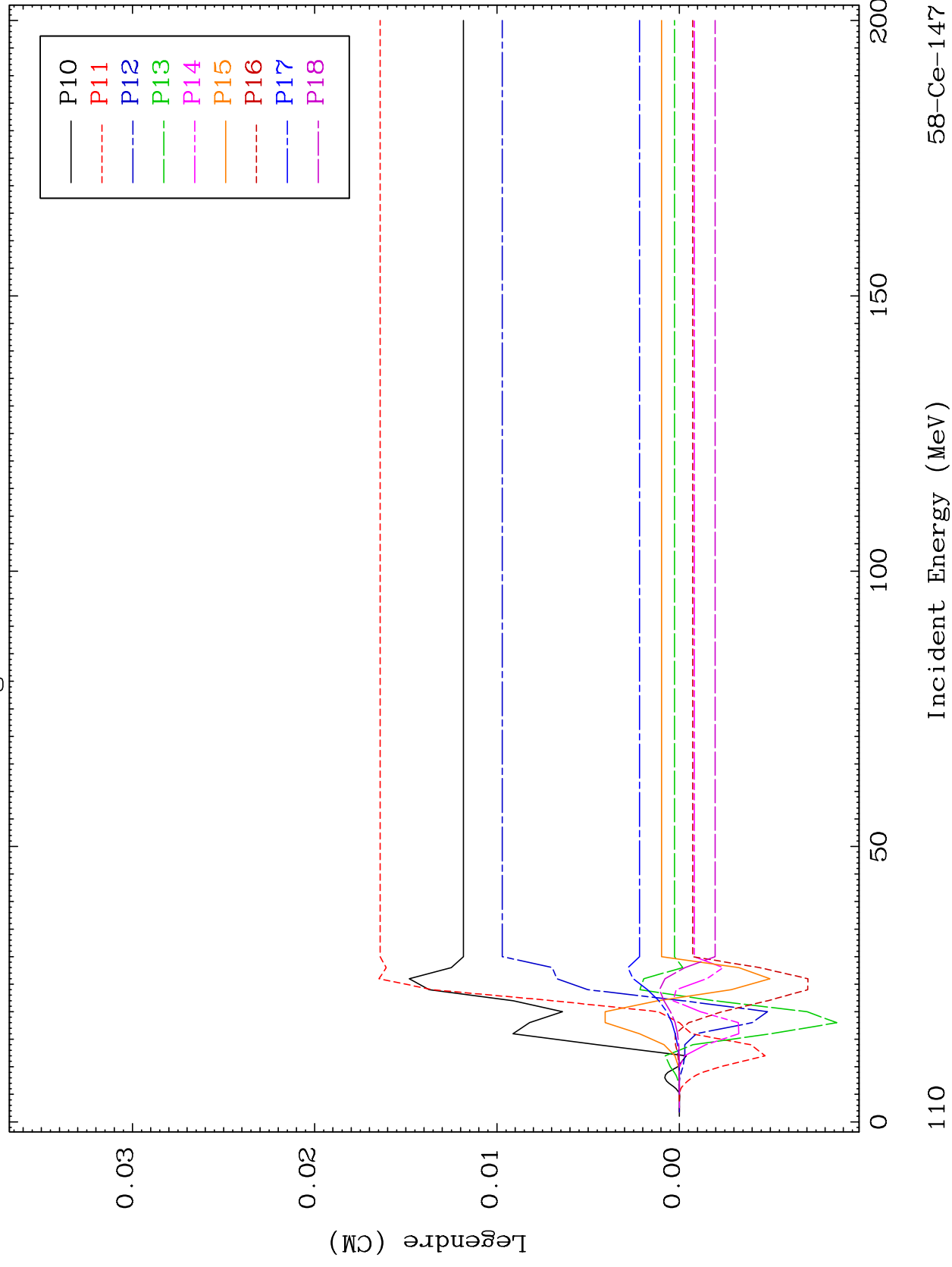


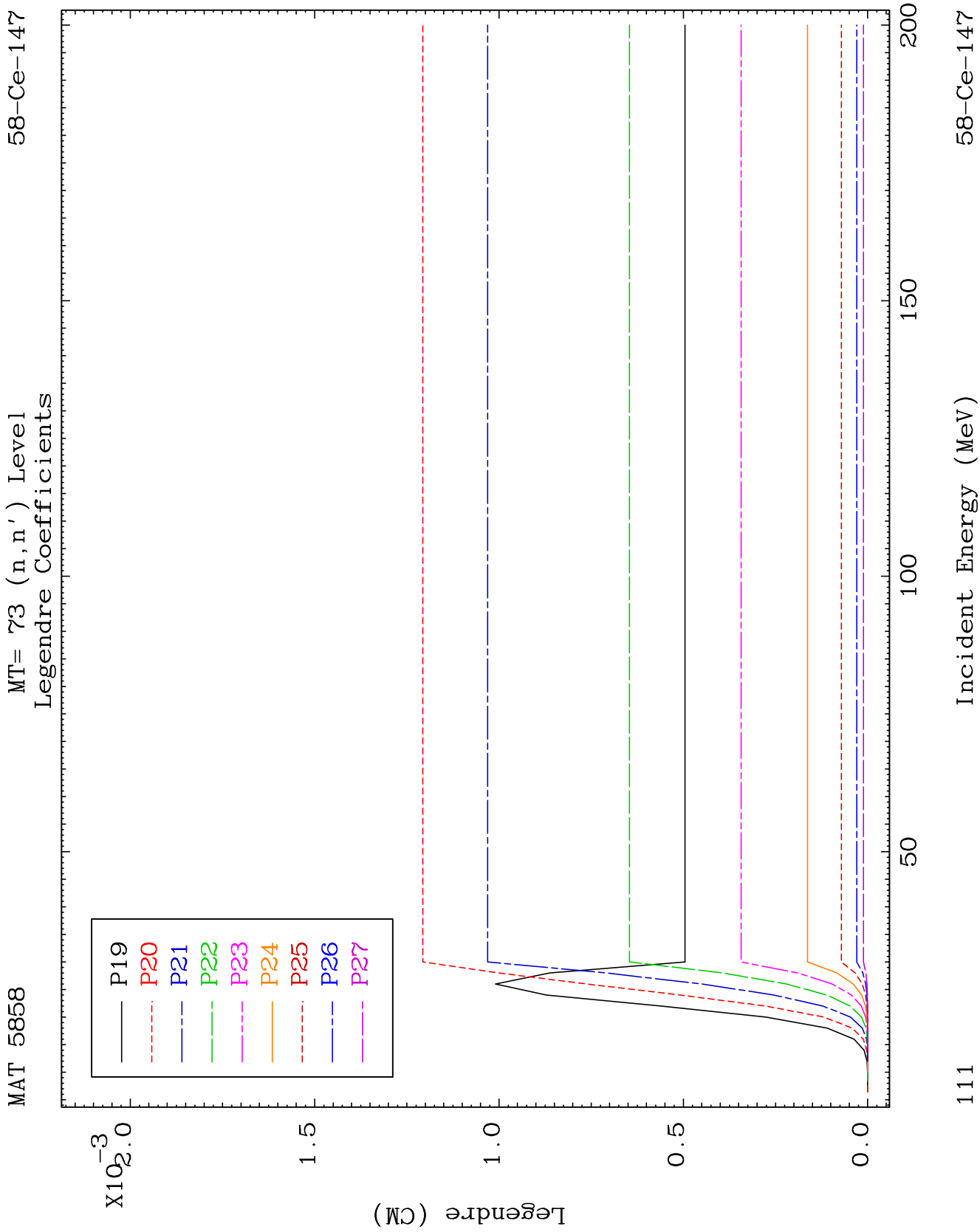


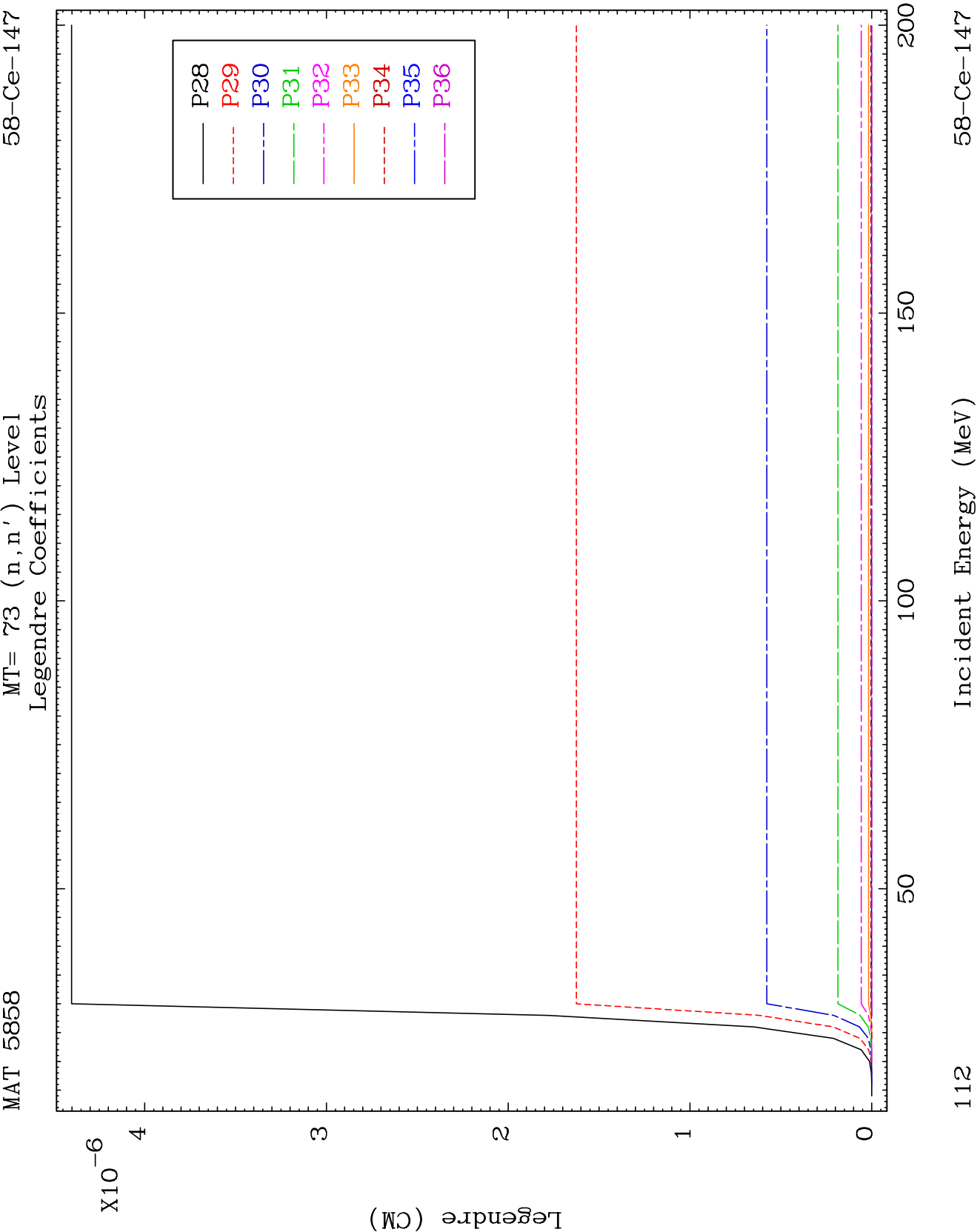
MAT 5858

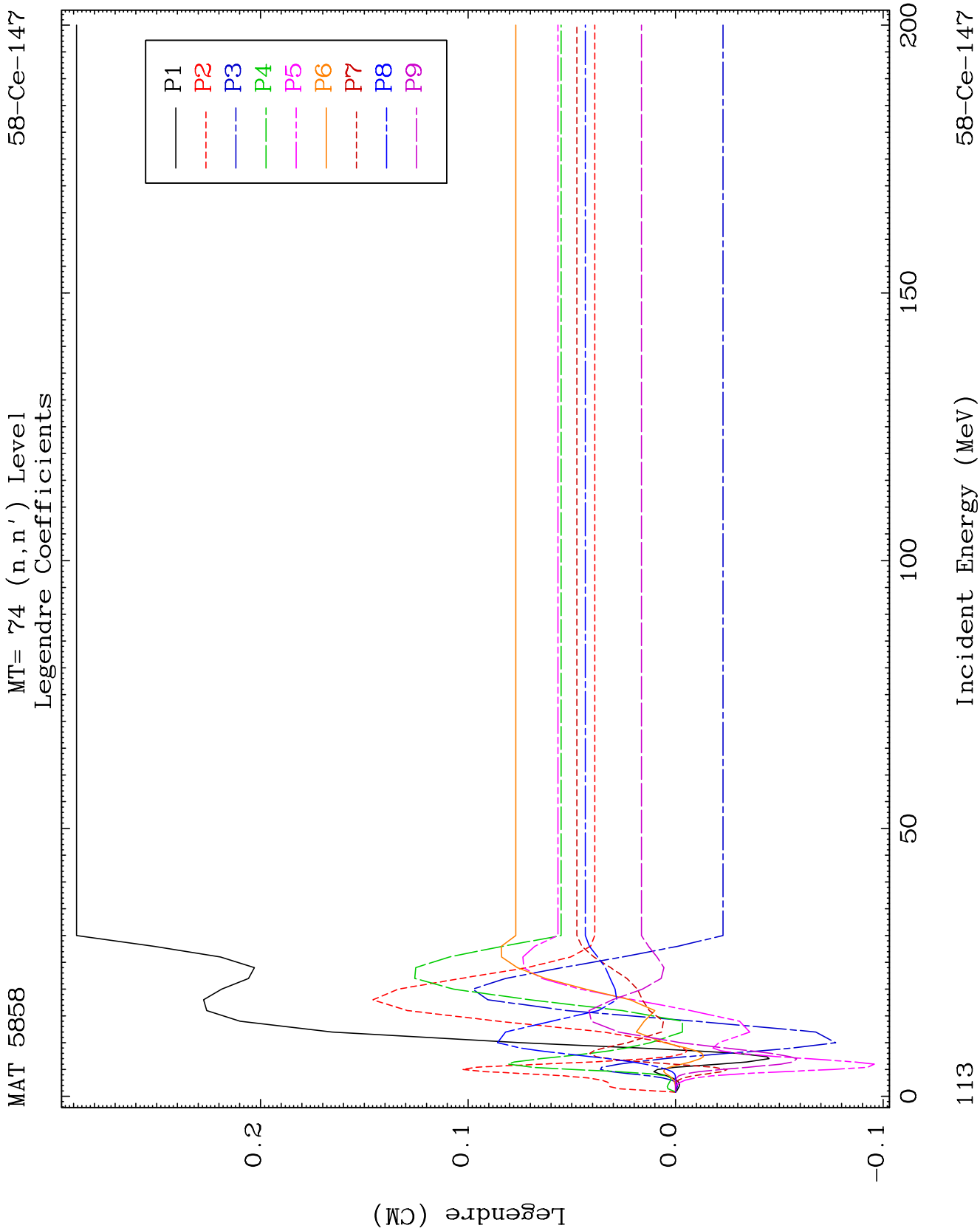
MT= 73 (n, n') Level
Legendre Coefficients

58-Ce-147





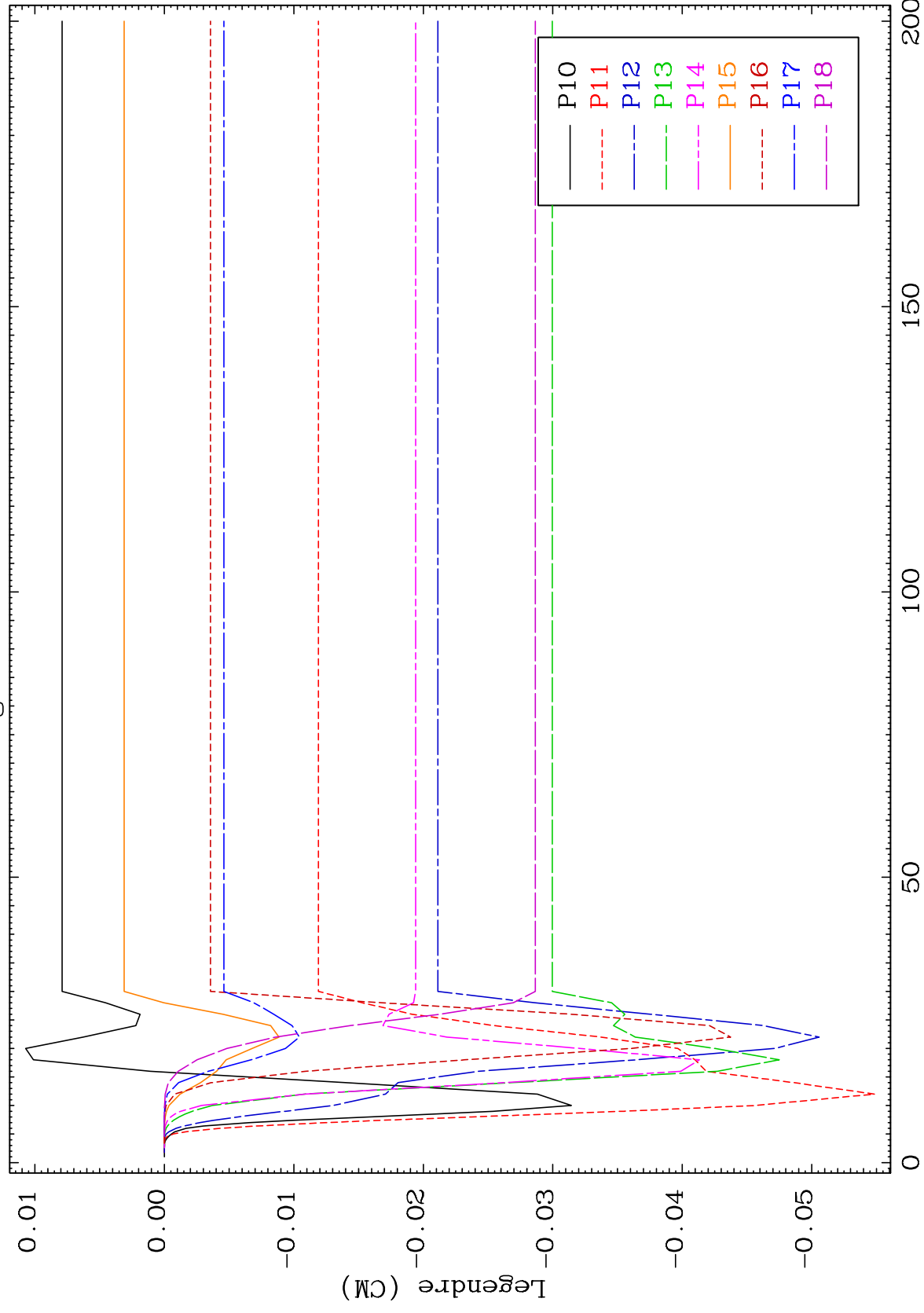




MAT 5858

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

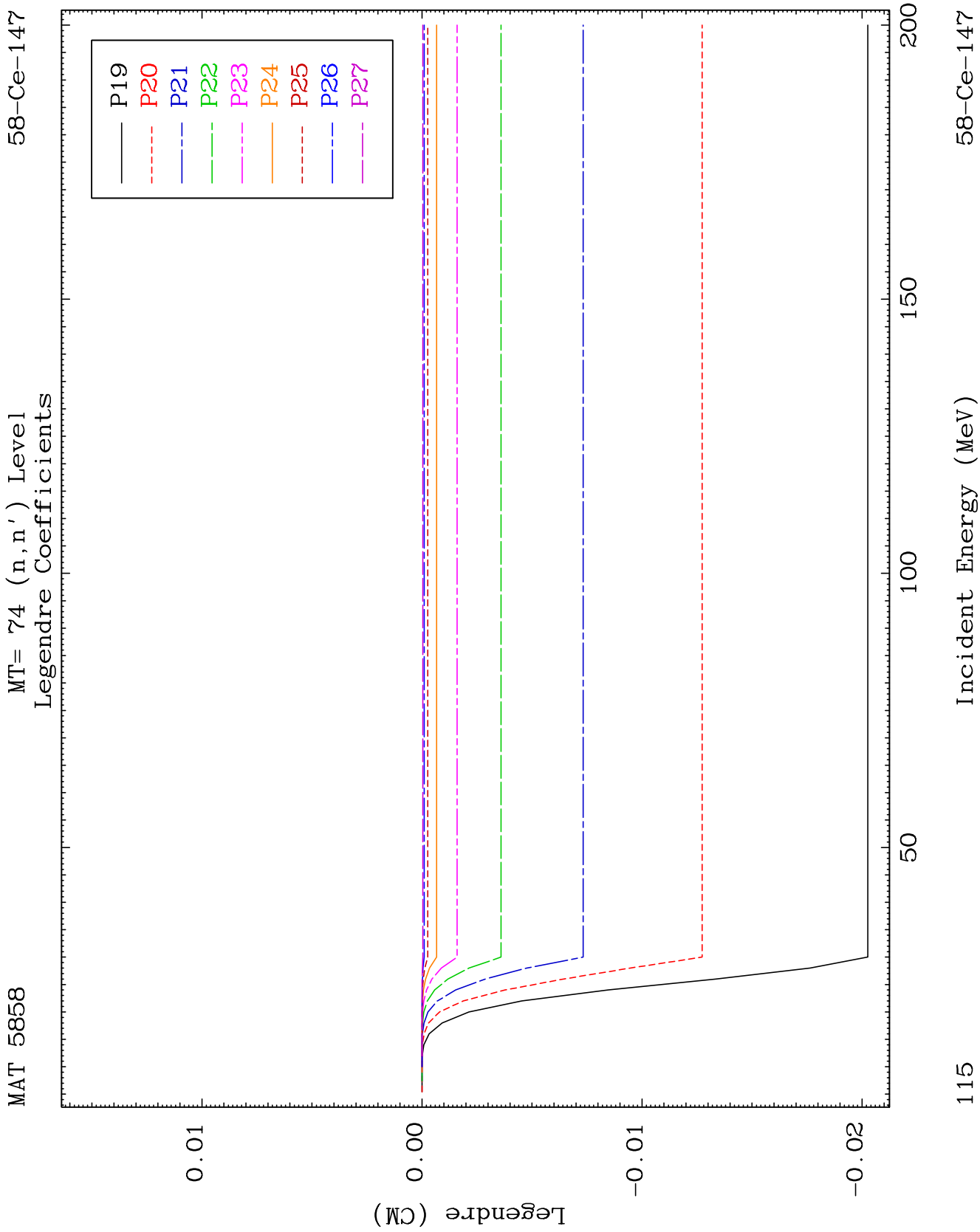
58-Ce-147

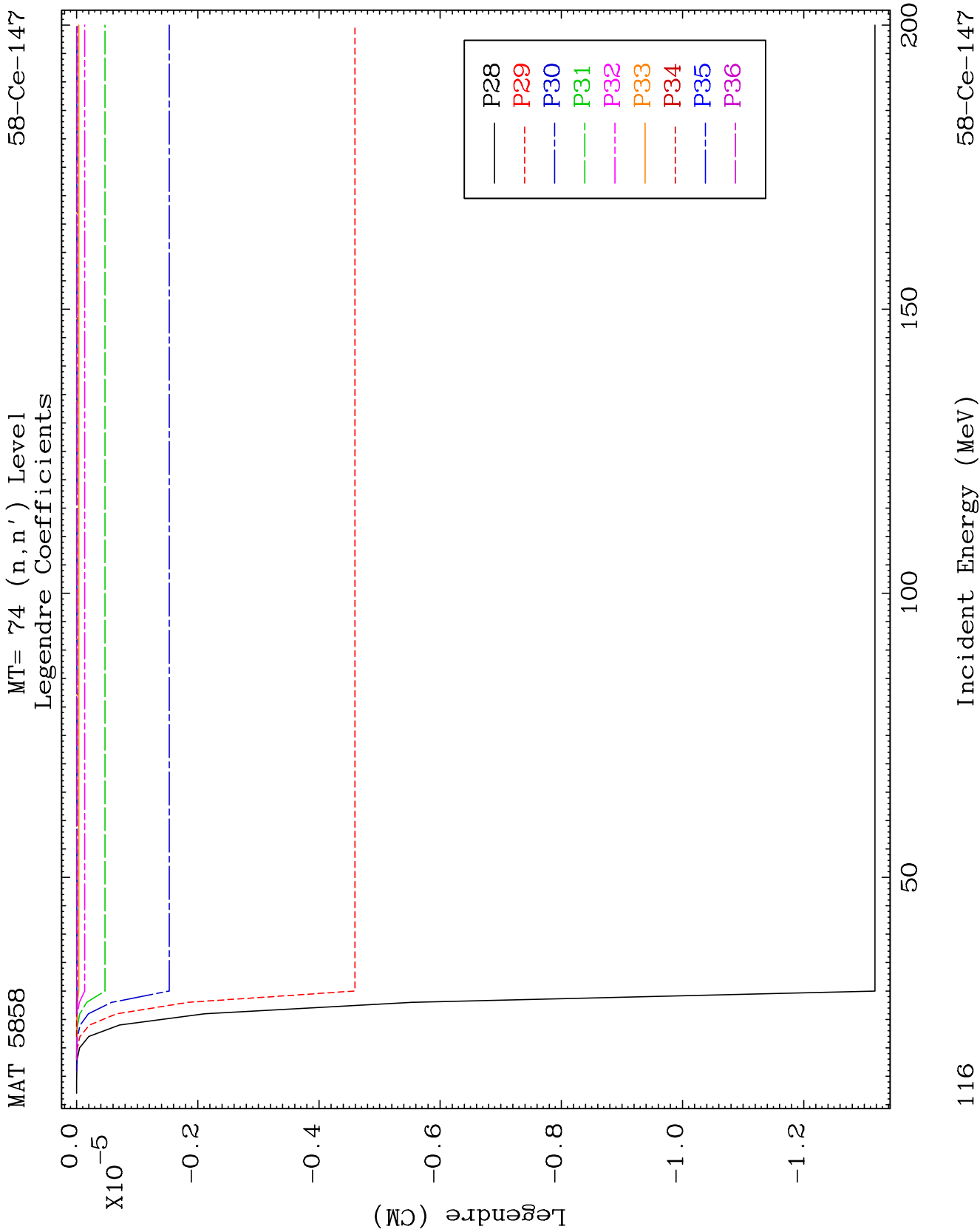


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Incident Energy (MeV)

58-Ce-147

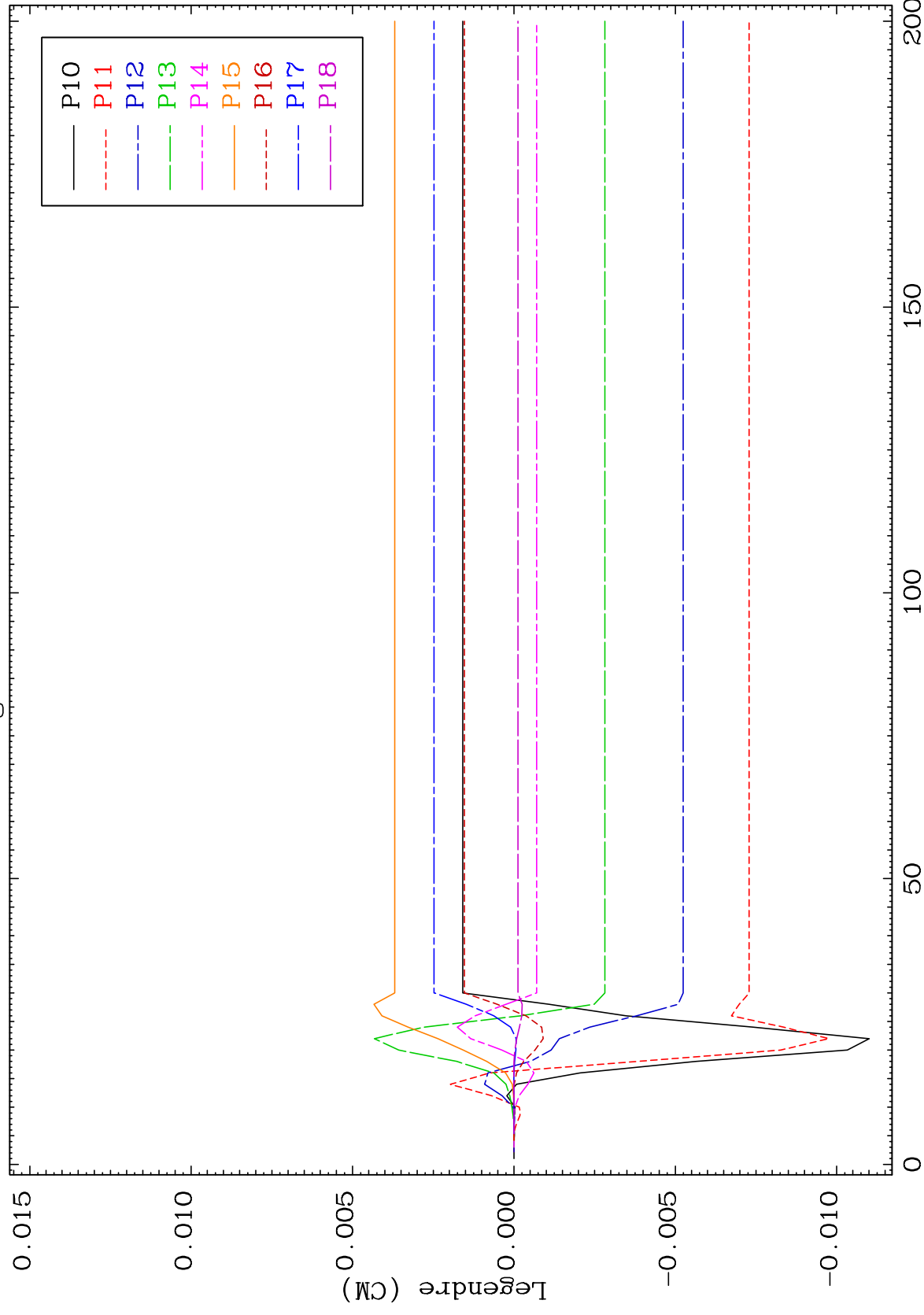




MAT 5858

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

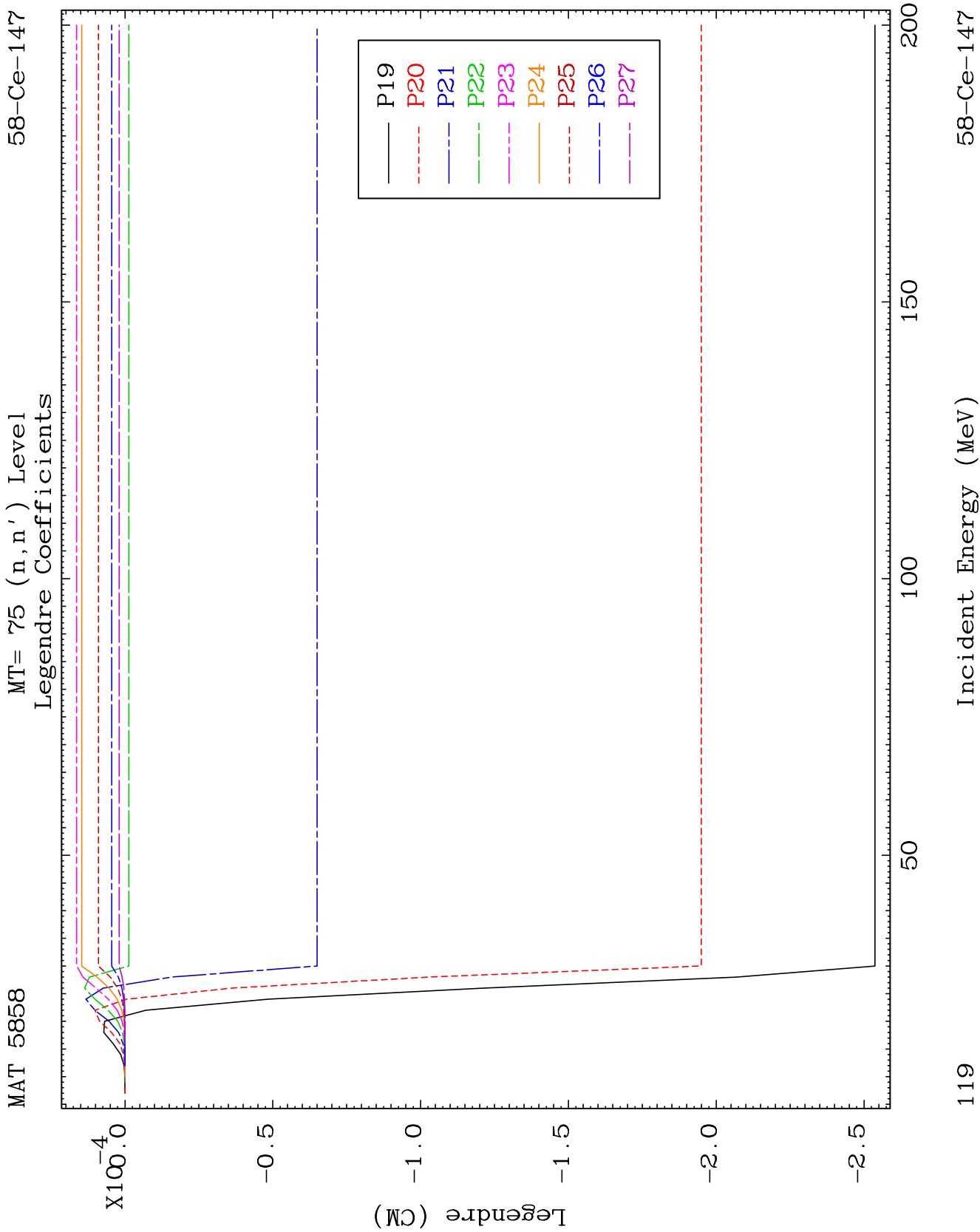
58-Ce-147

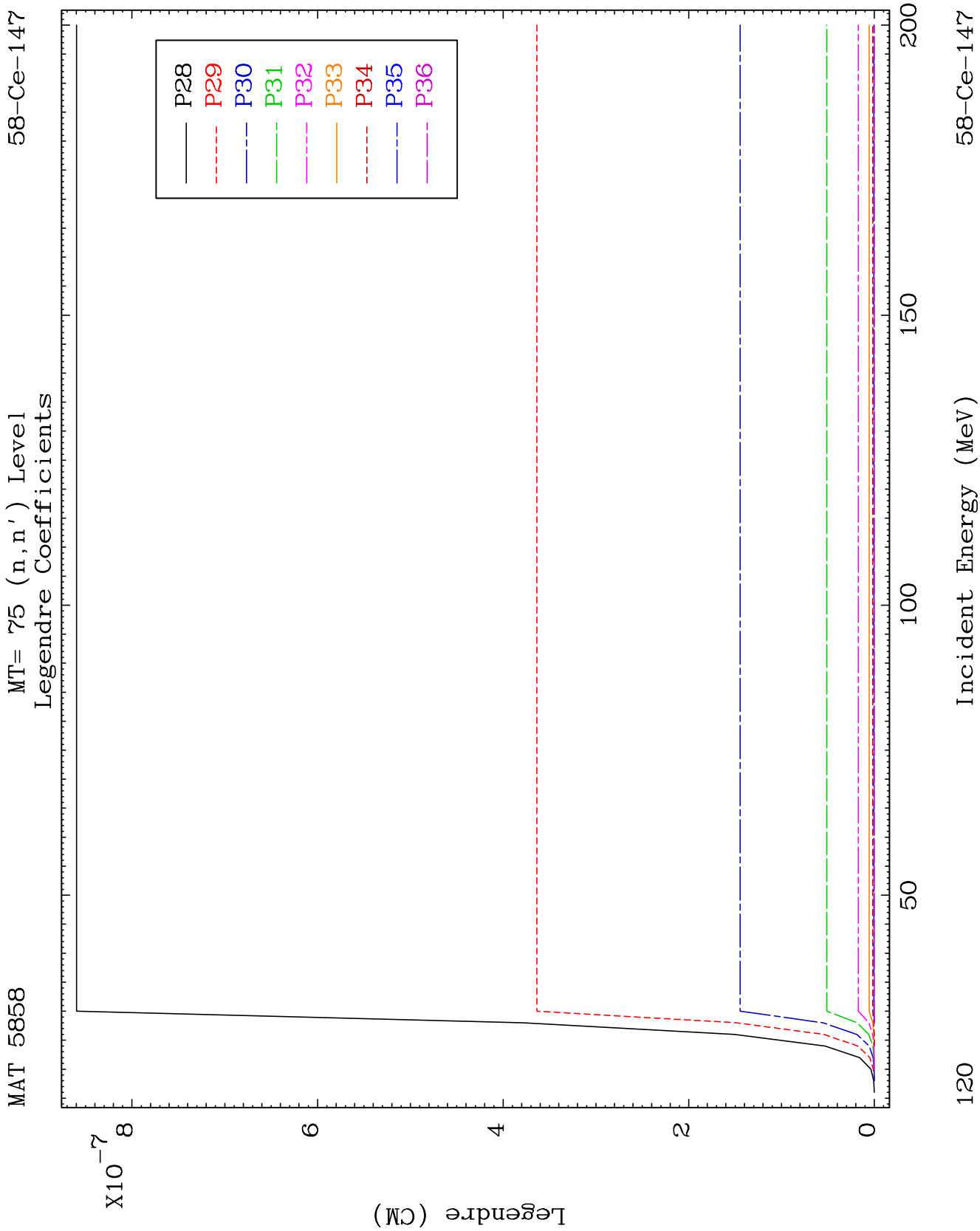


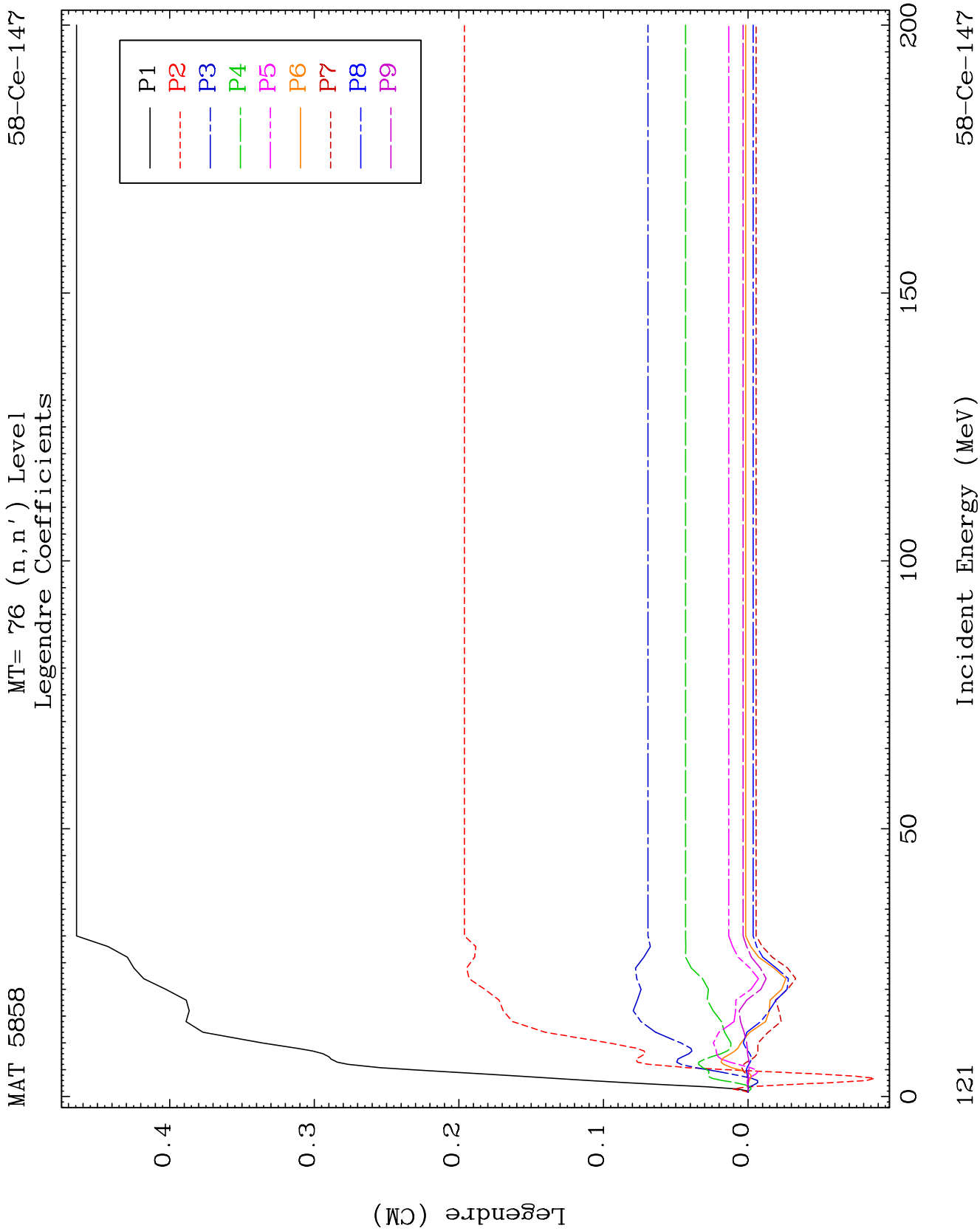
118

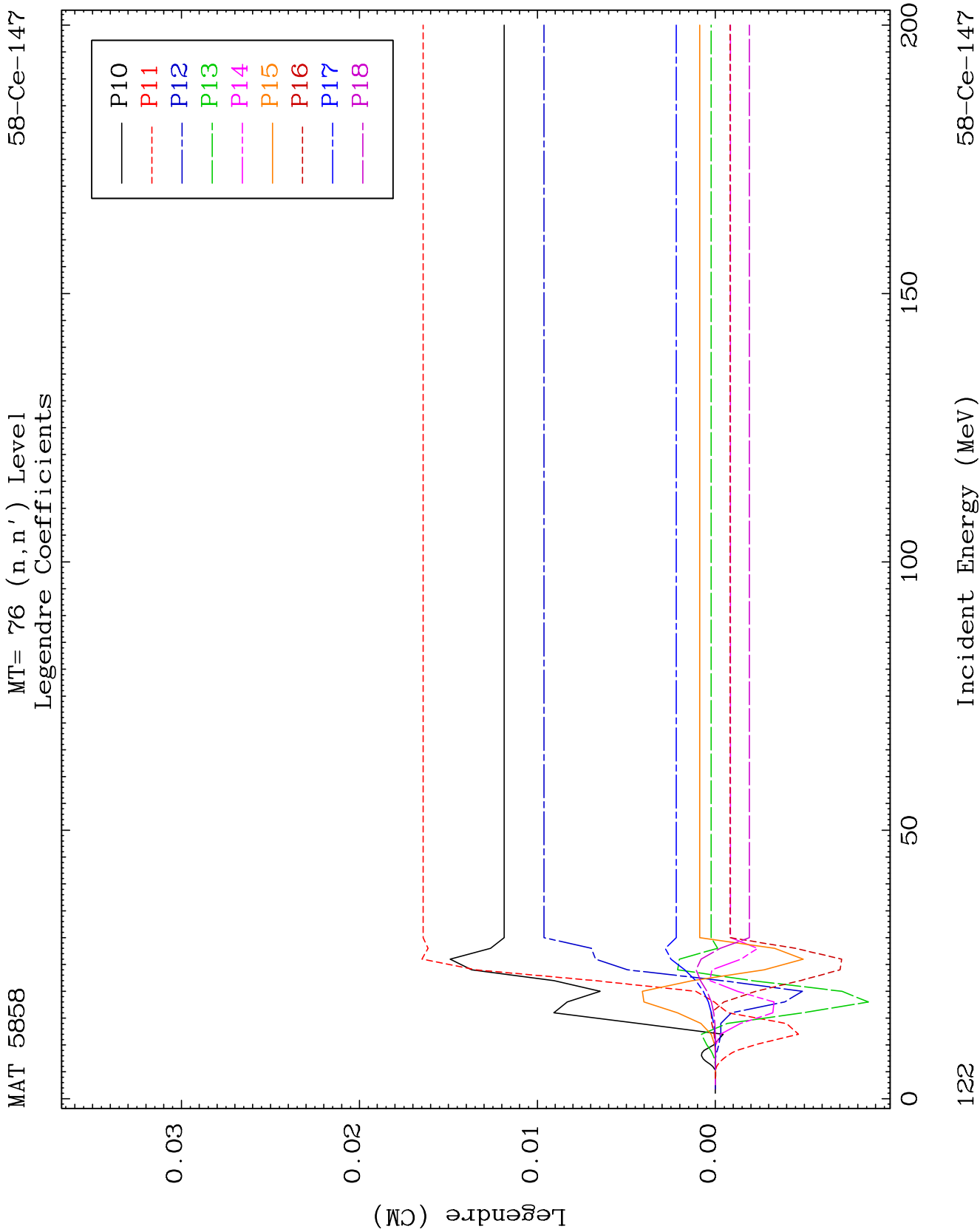
Incident Energy (MeV)

58-Ce-147





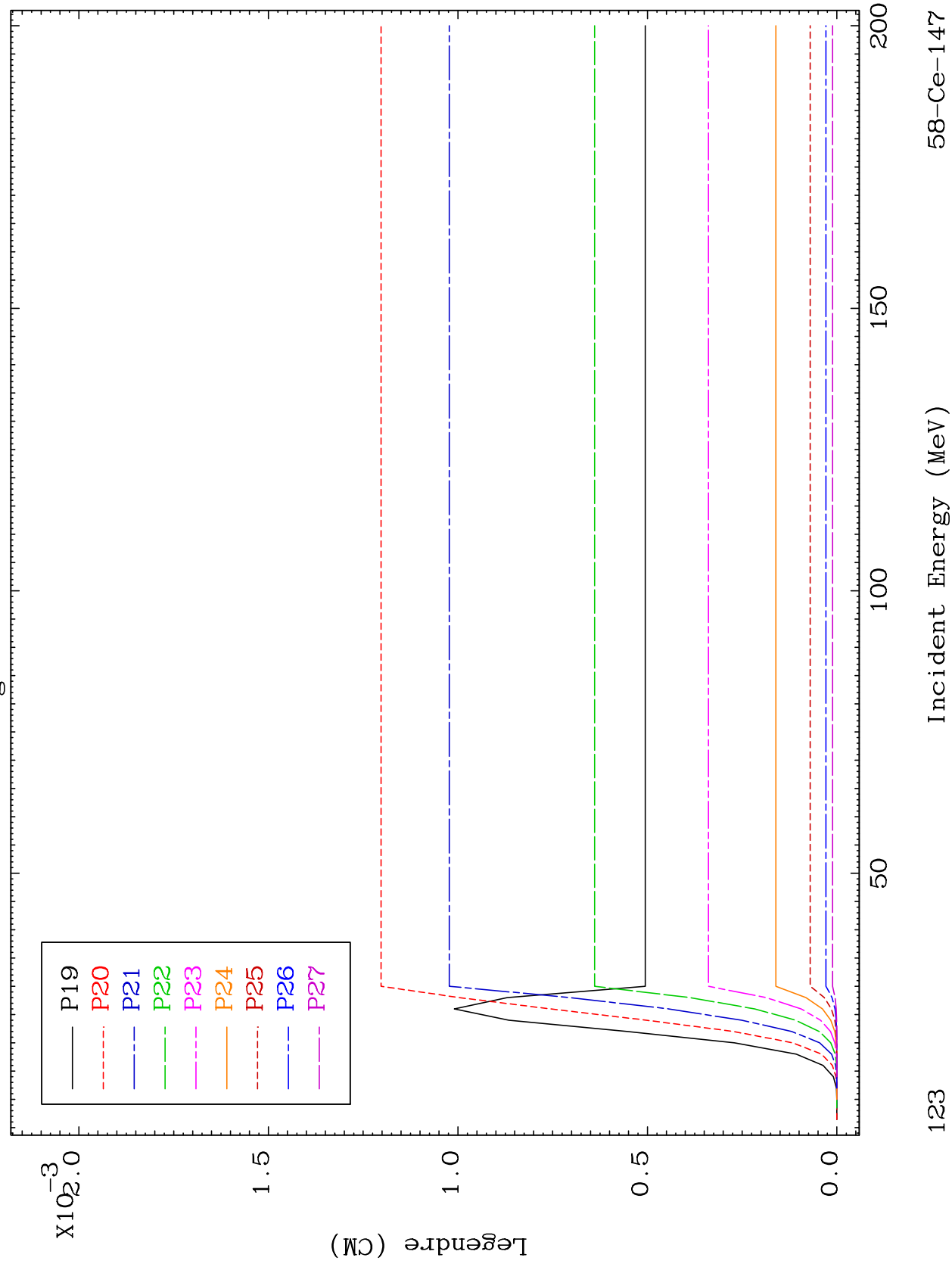


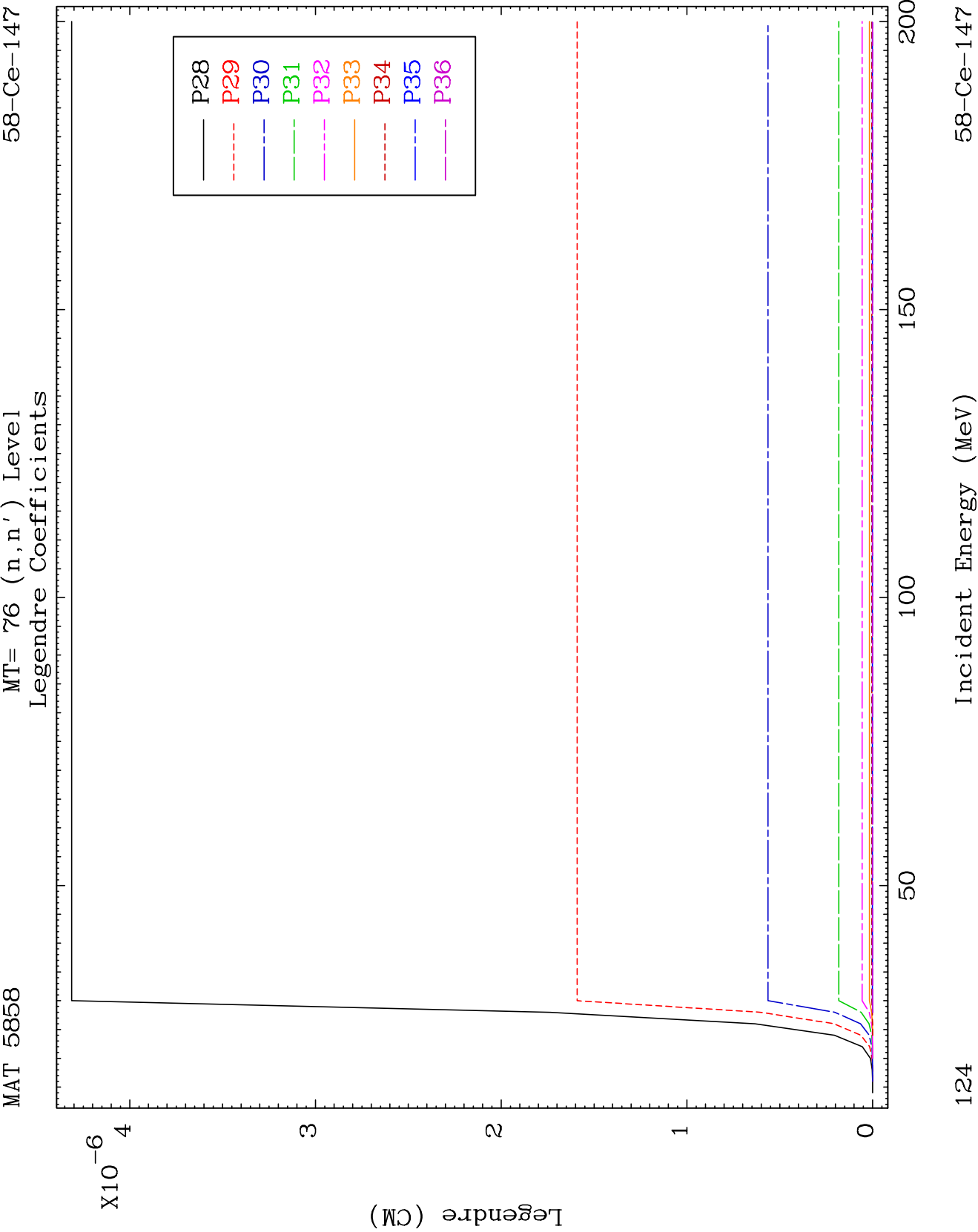


MAT 5858

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

58-Ce-147

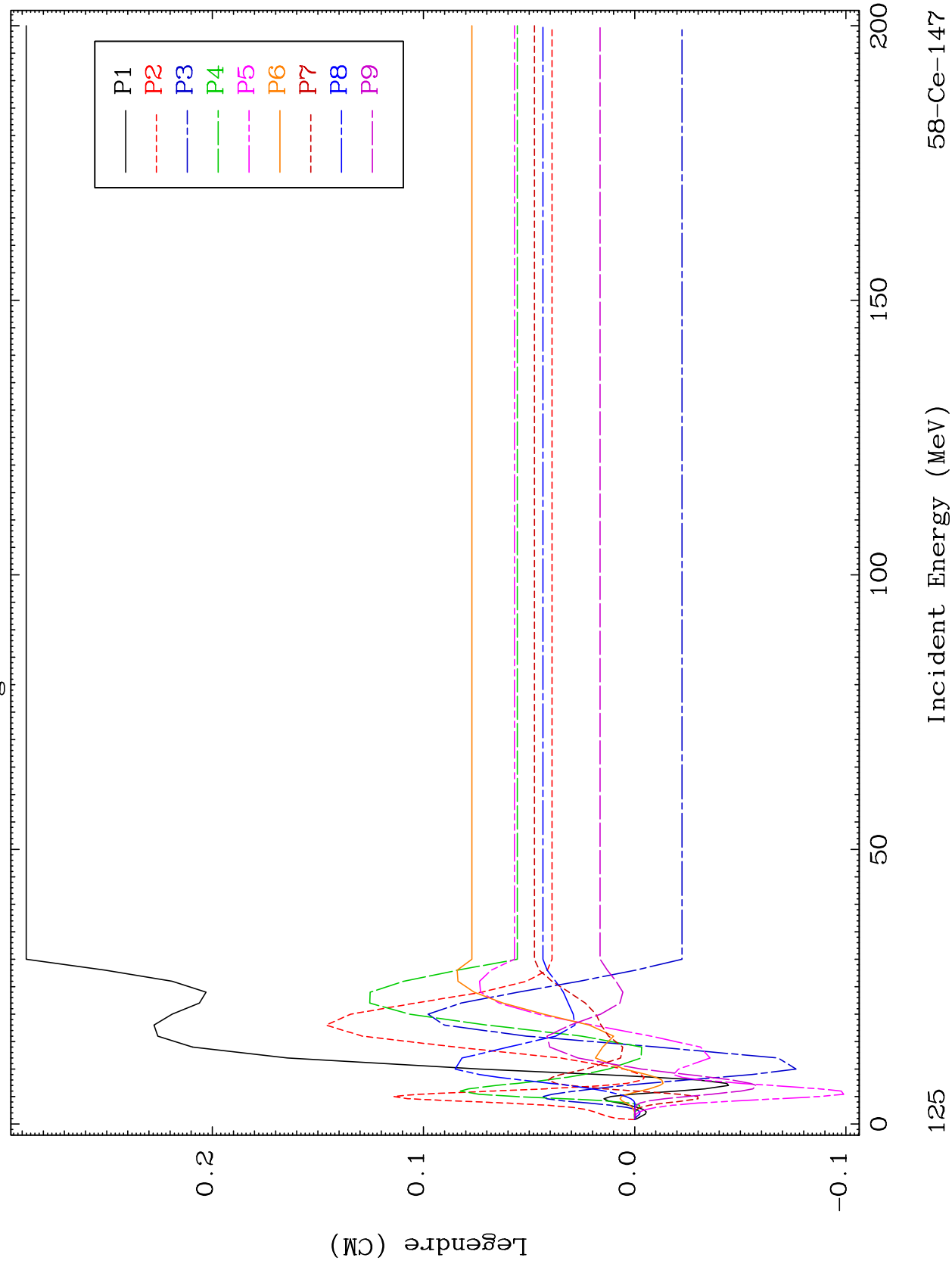


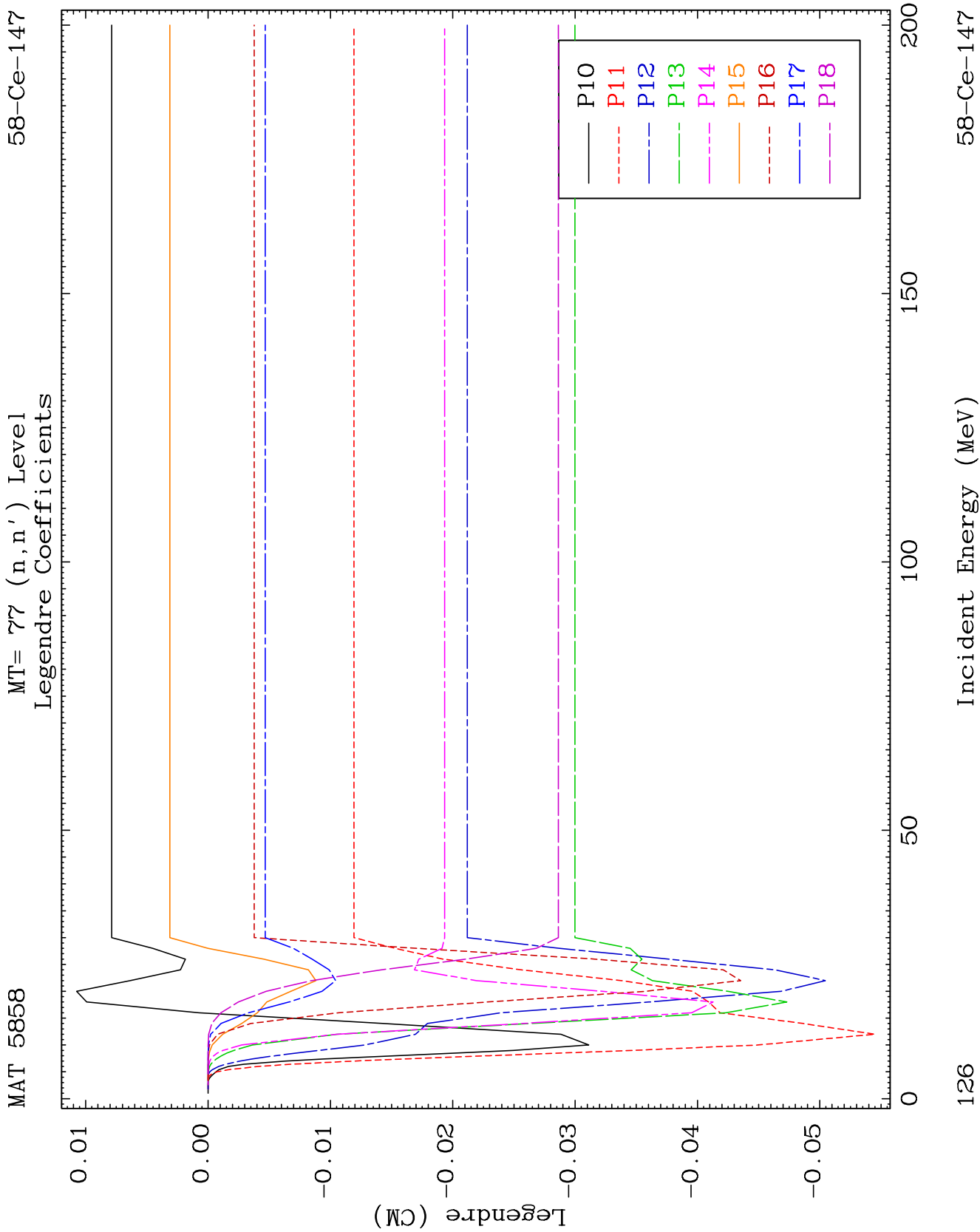


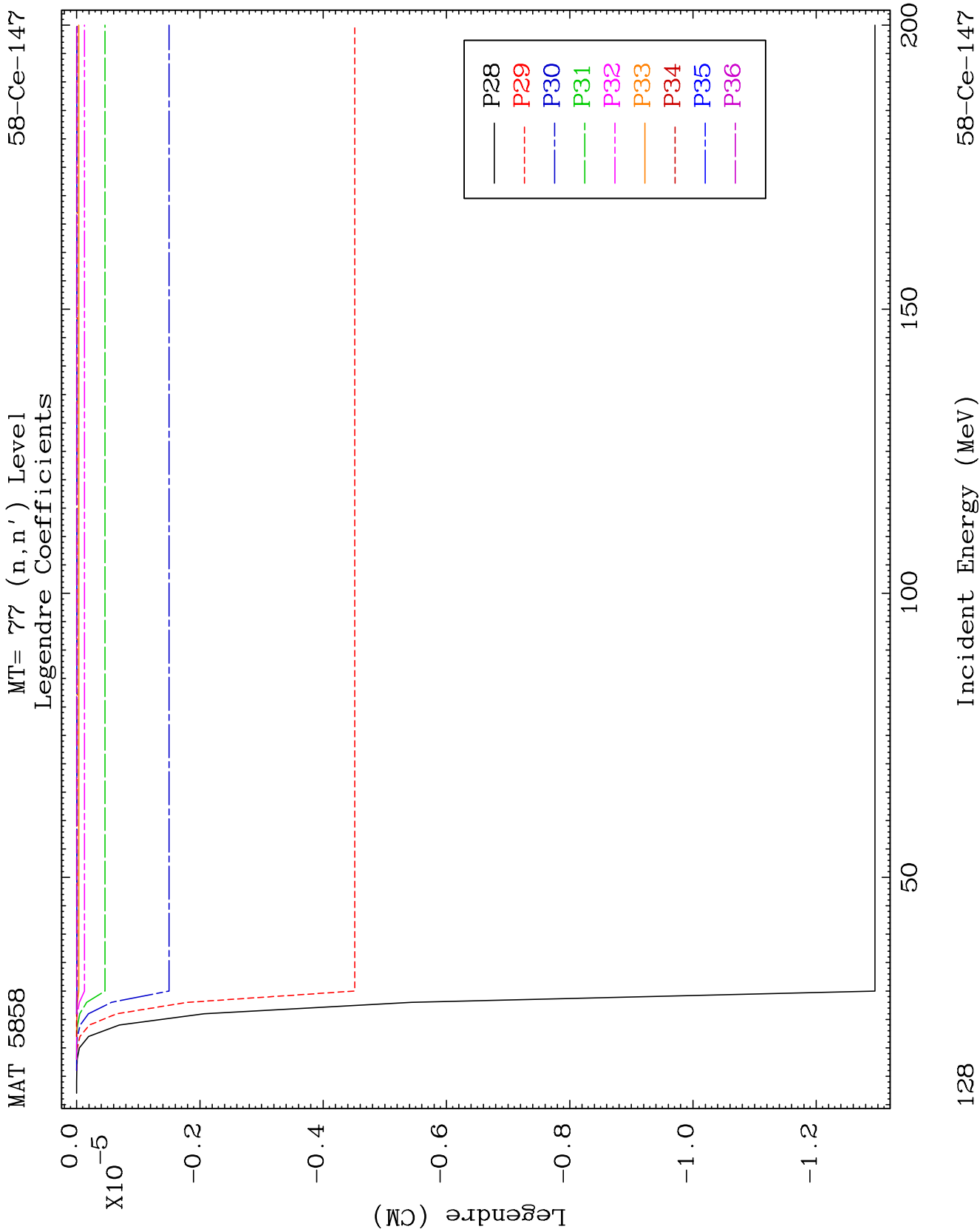
MAT 5858

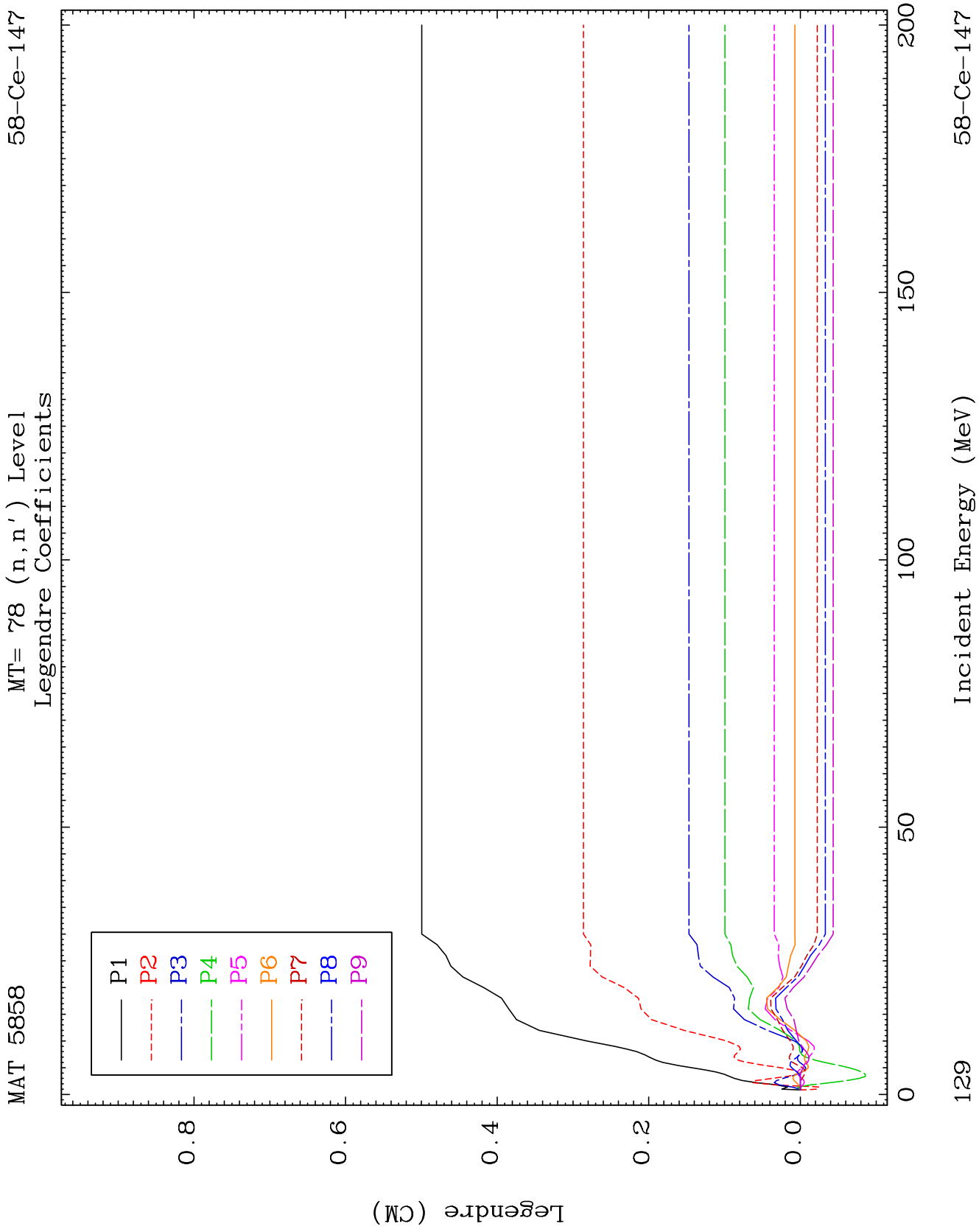
MT= 77 (n, n') Level
Legendre Coefficients

58-Ce-147





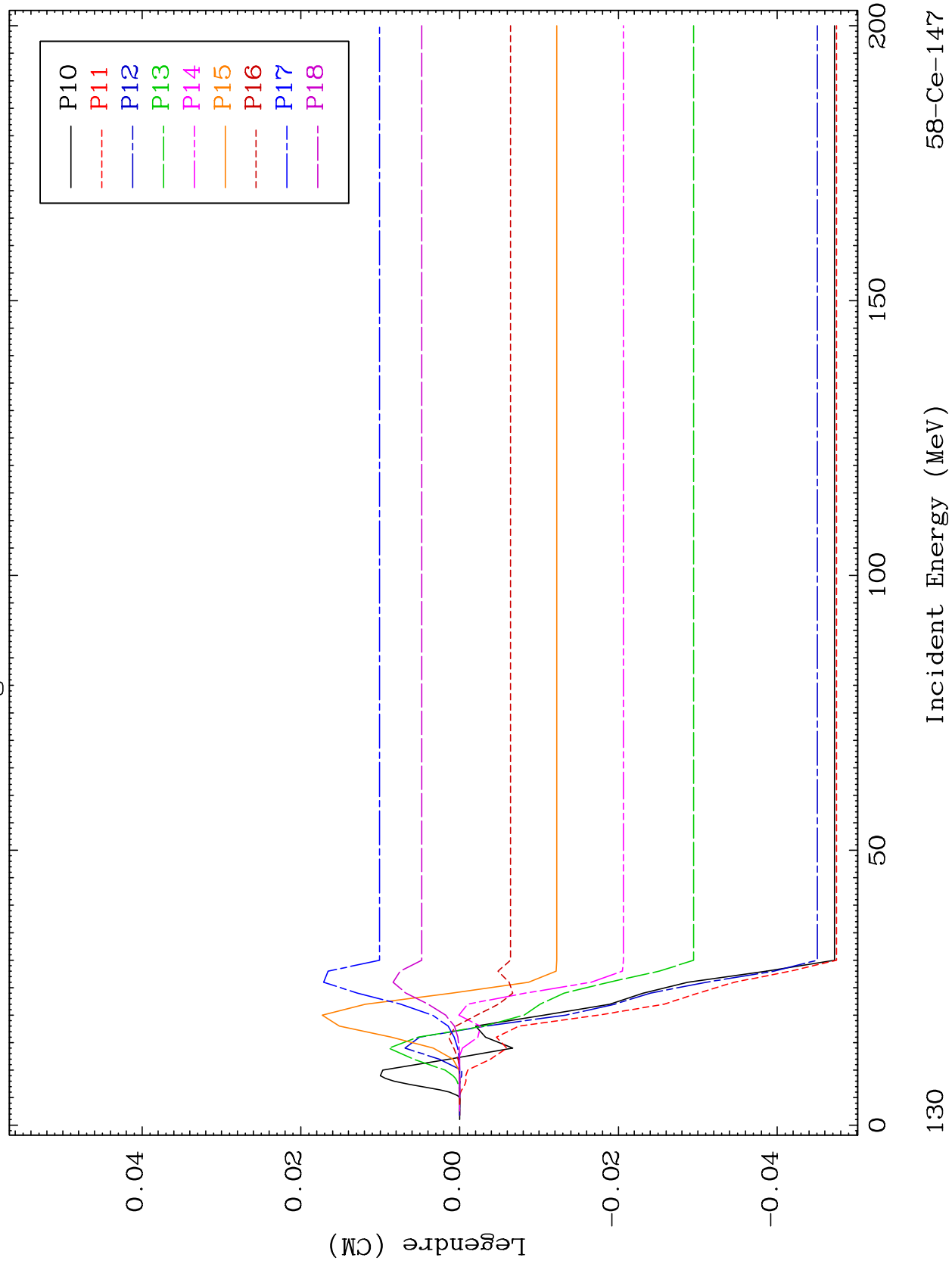




MAT 5858

MT= 78 (n, n') Level
Legendre Coefficients

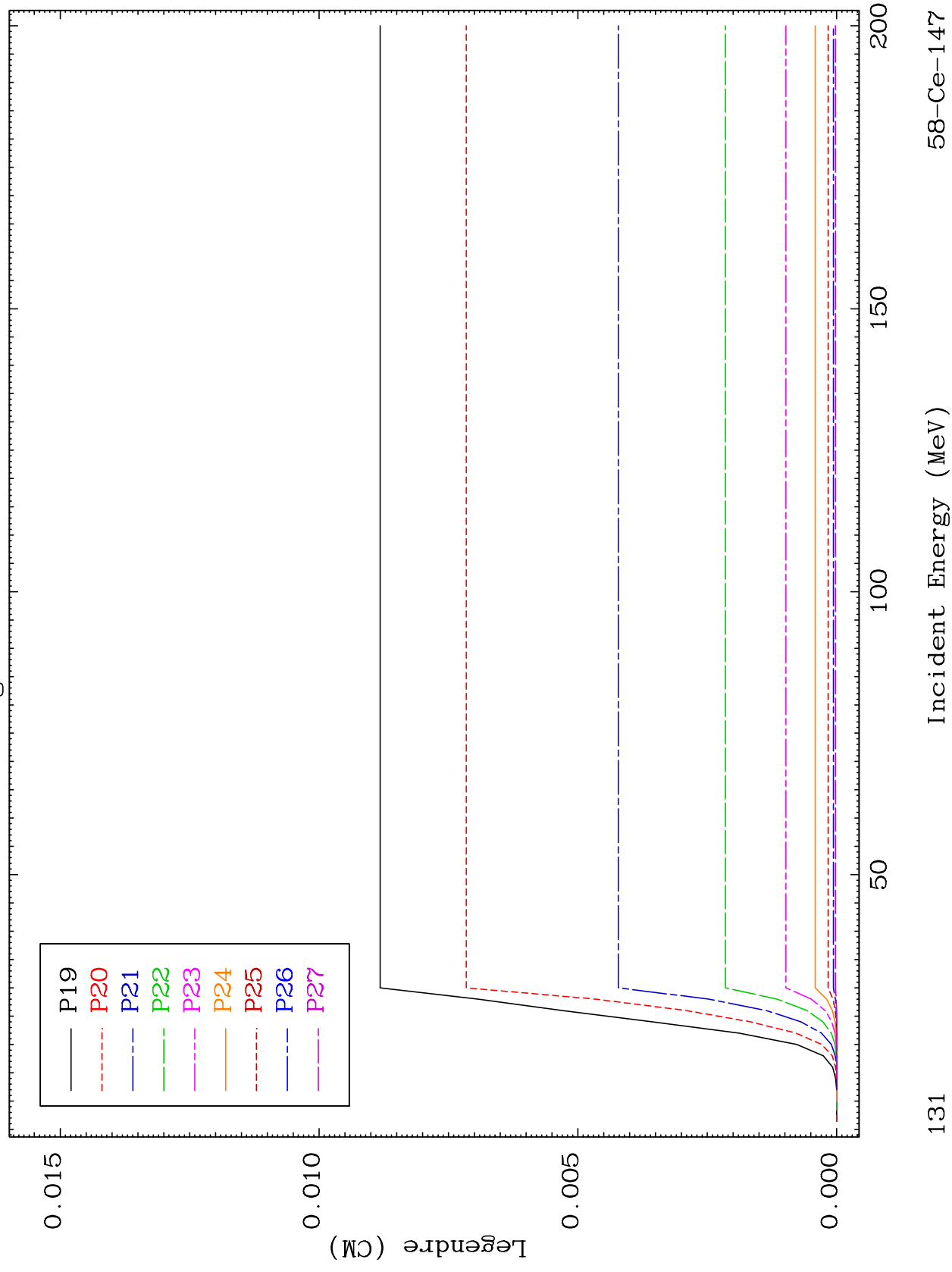
58-Ce-147

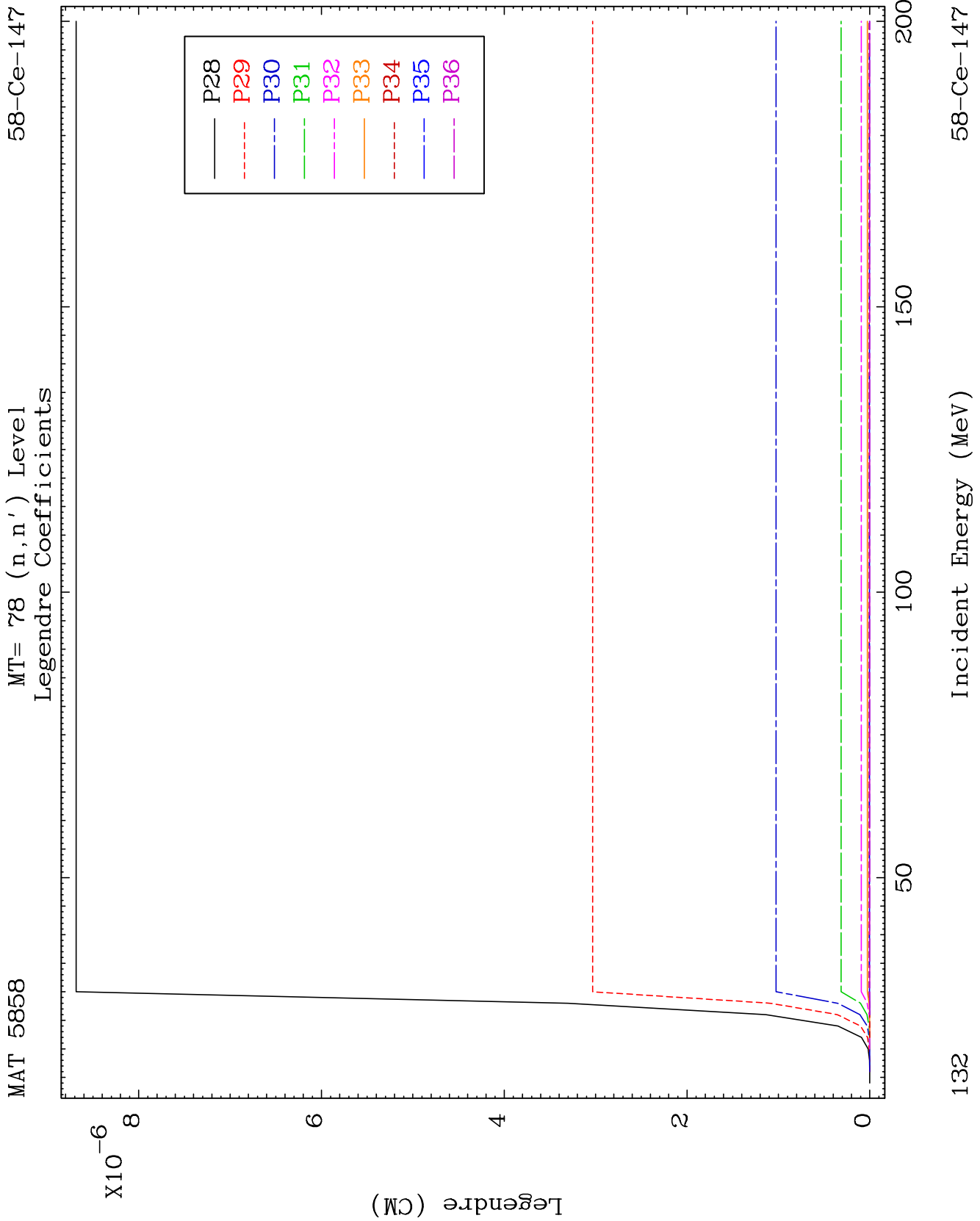


MAT 5858

MT= 78 (n, n') Level
Legendre Coefficients

58-Ce-147

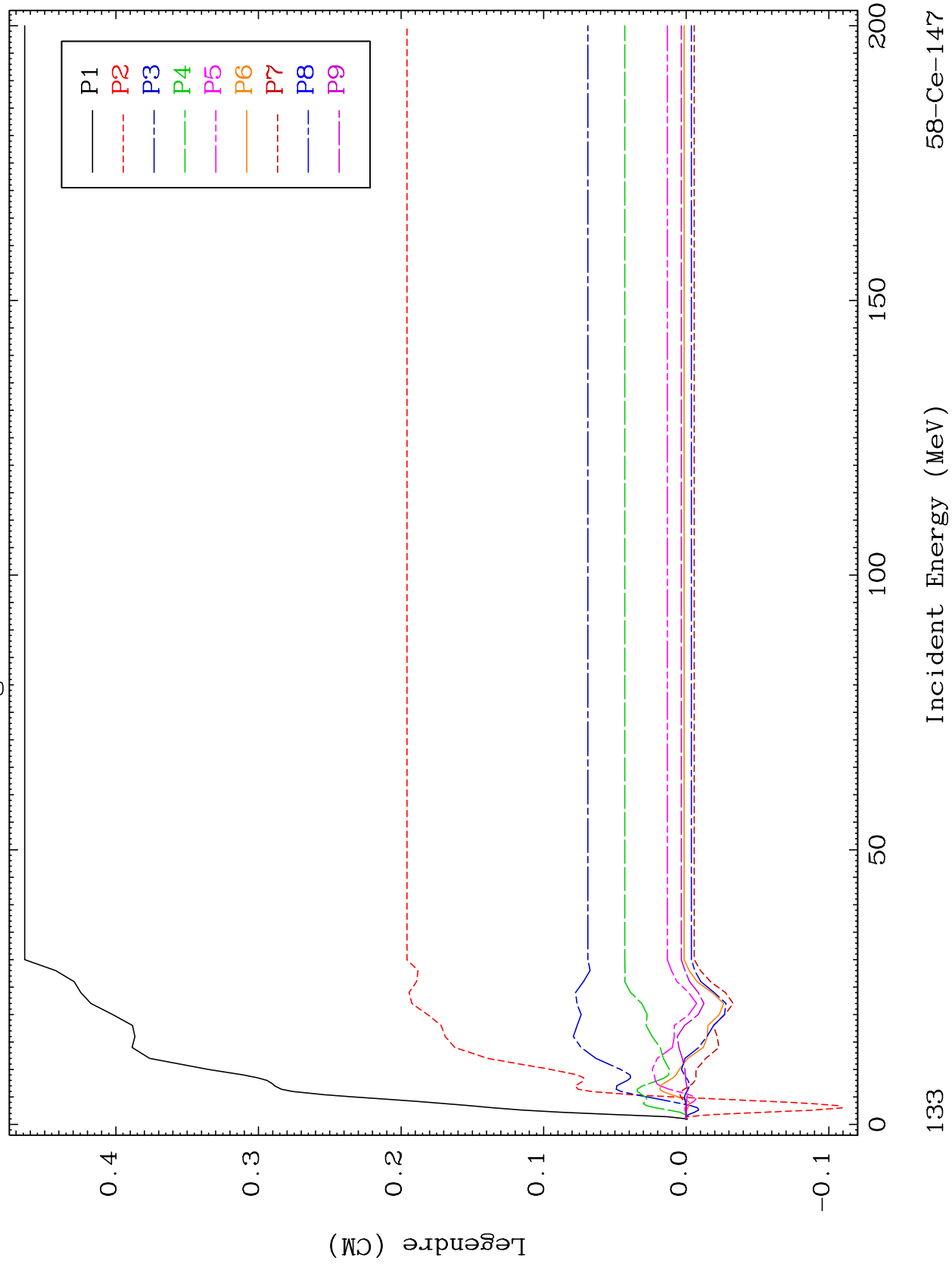




MAT 5858

MT= 79 (n, n') Level
Legendre Coefficients

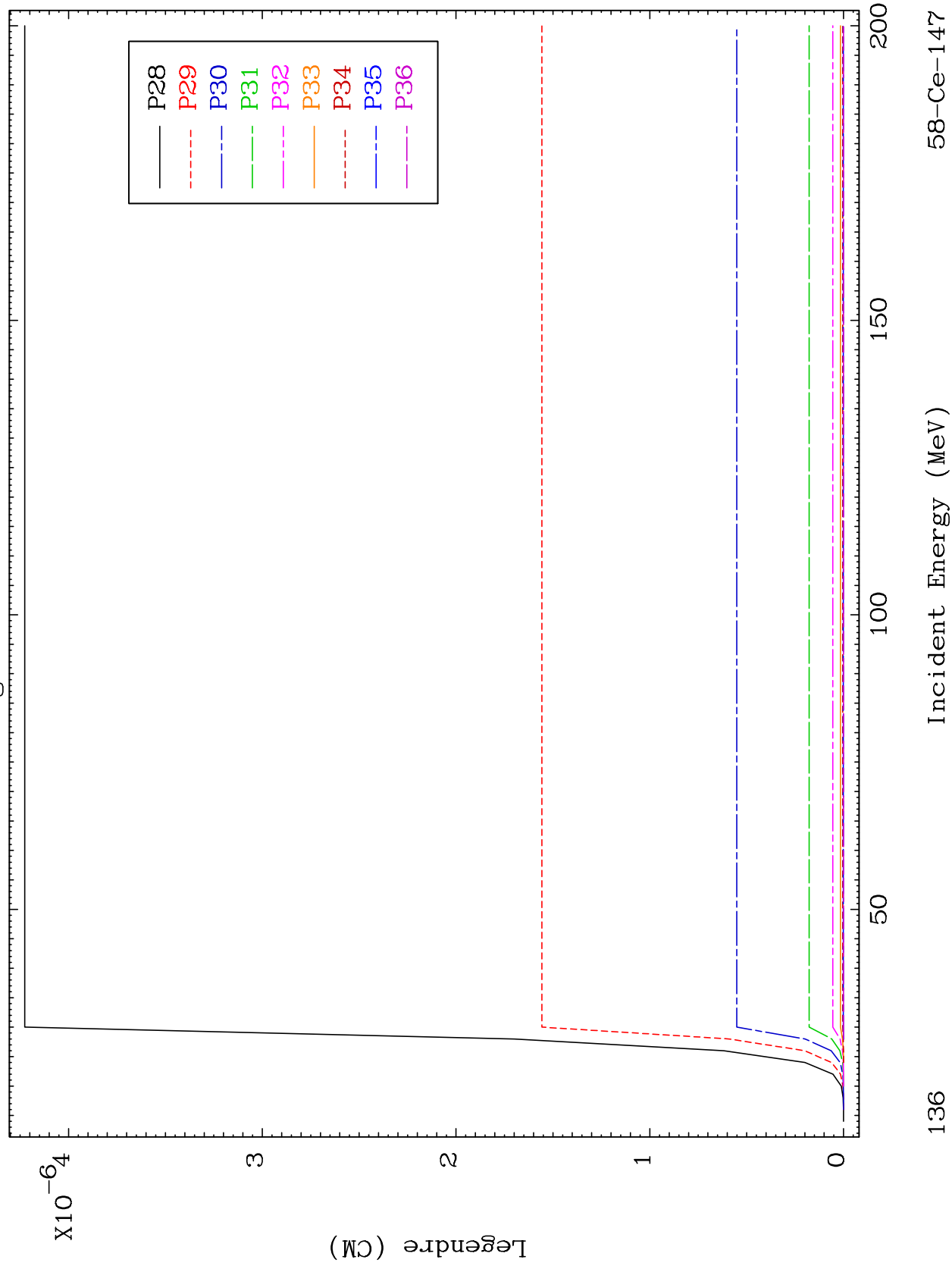
58-Ce-147



MAT 5858

MT= 79 (n, n') Level
Legendre Coefficients

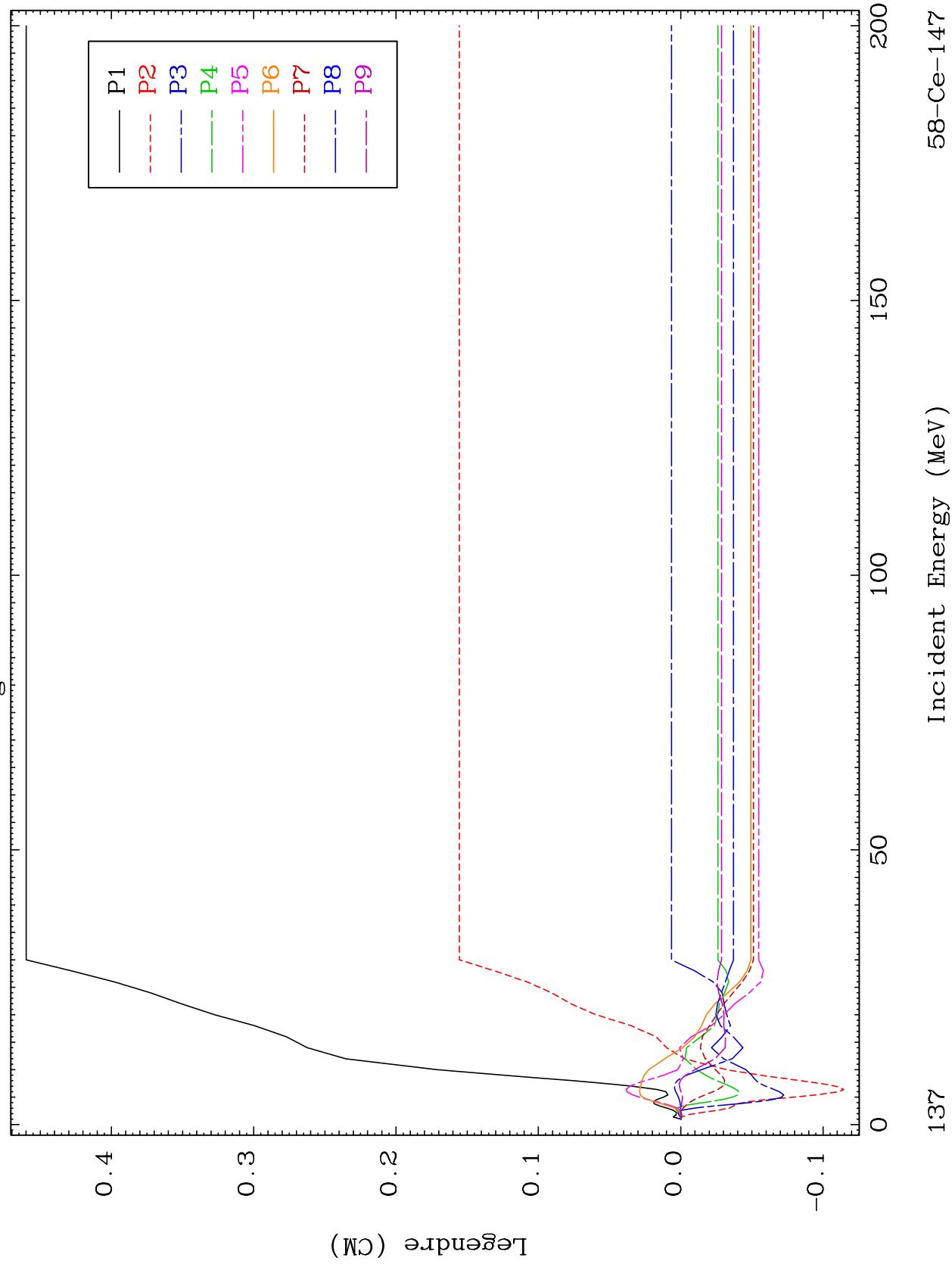
58-Ce-147



MAT 5858

MT= 80 (n, n') Level
Legendre Coefficients

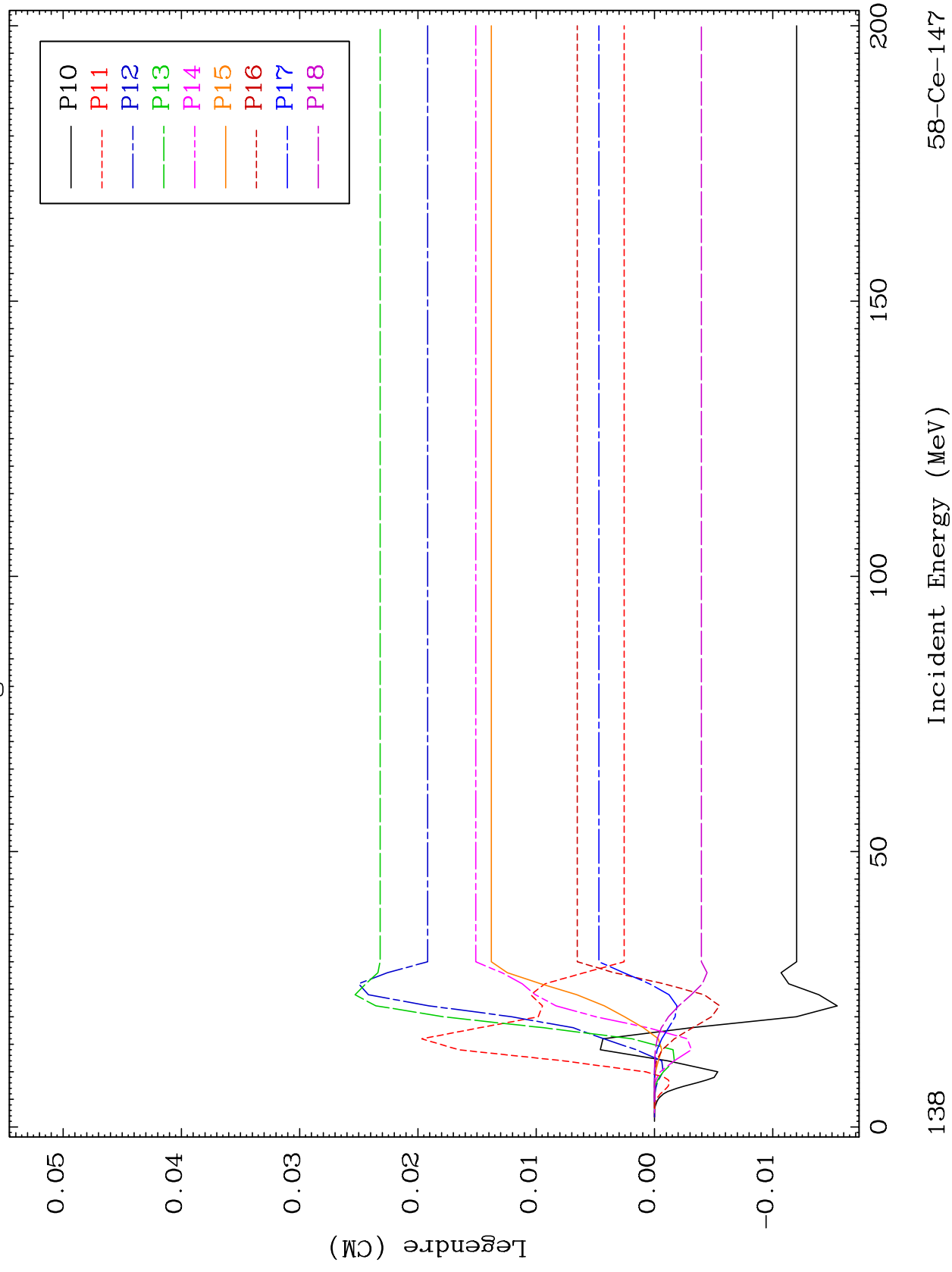
58-Ce-147



MAT 5858

MT= 80 (n, n') Level
Legendre Coefficients

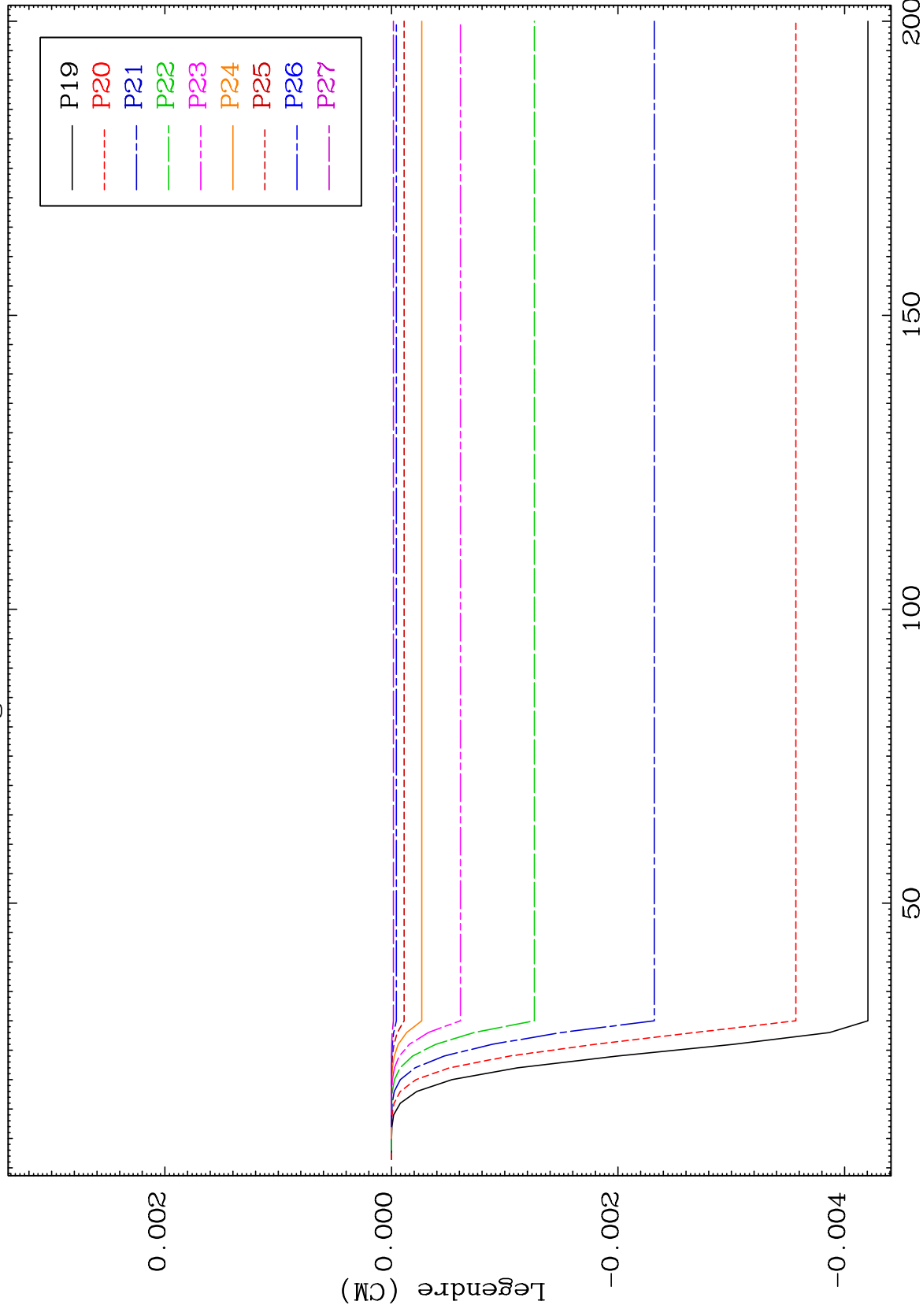
58-Ce-147



MAT 5858

MT= 80 (n, n') Level
Legendre Coefficients

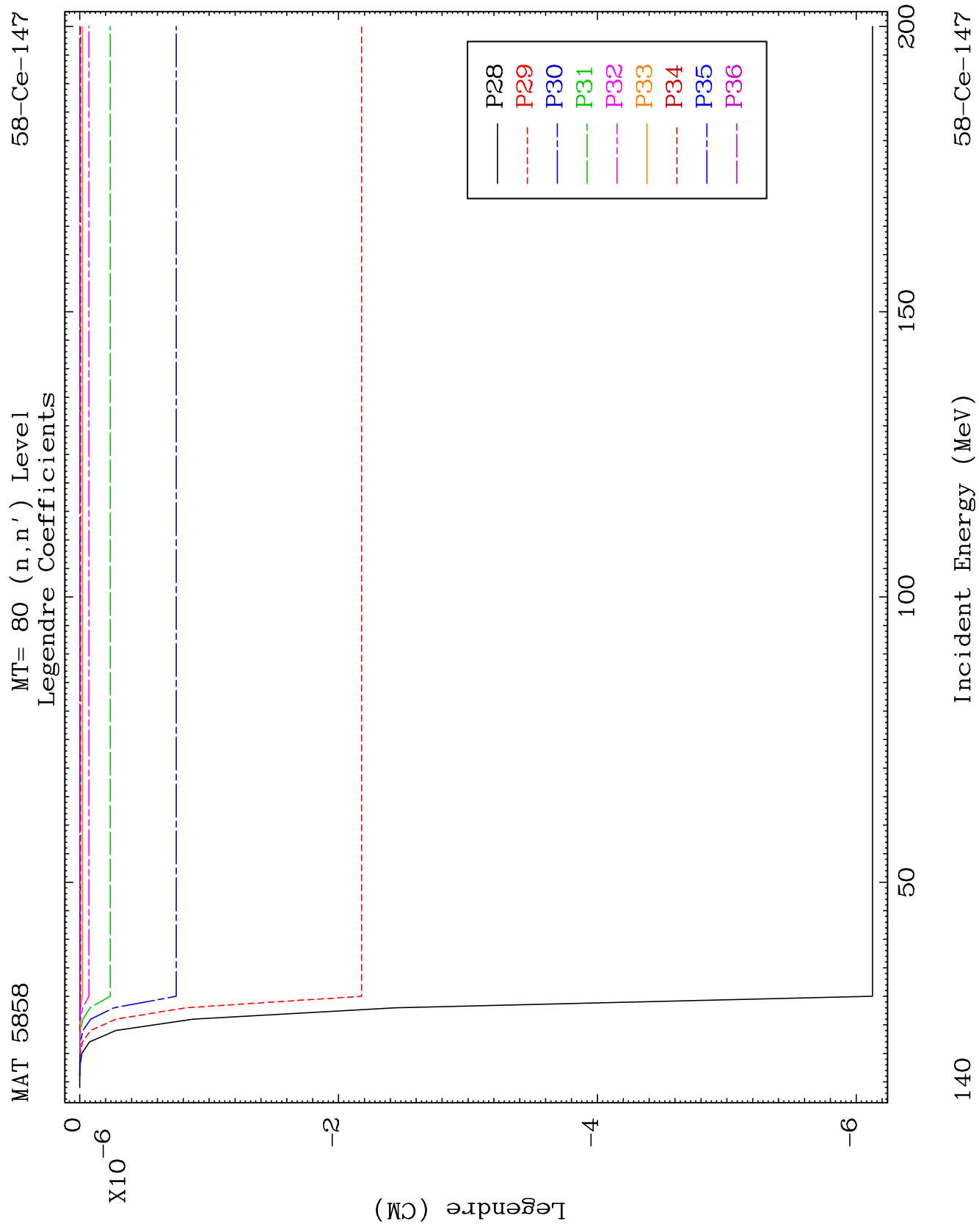
58-Ce-147



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Incident Energy (MeV)

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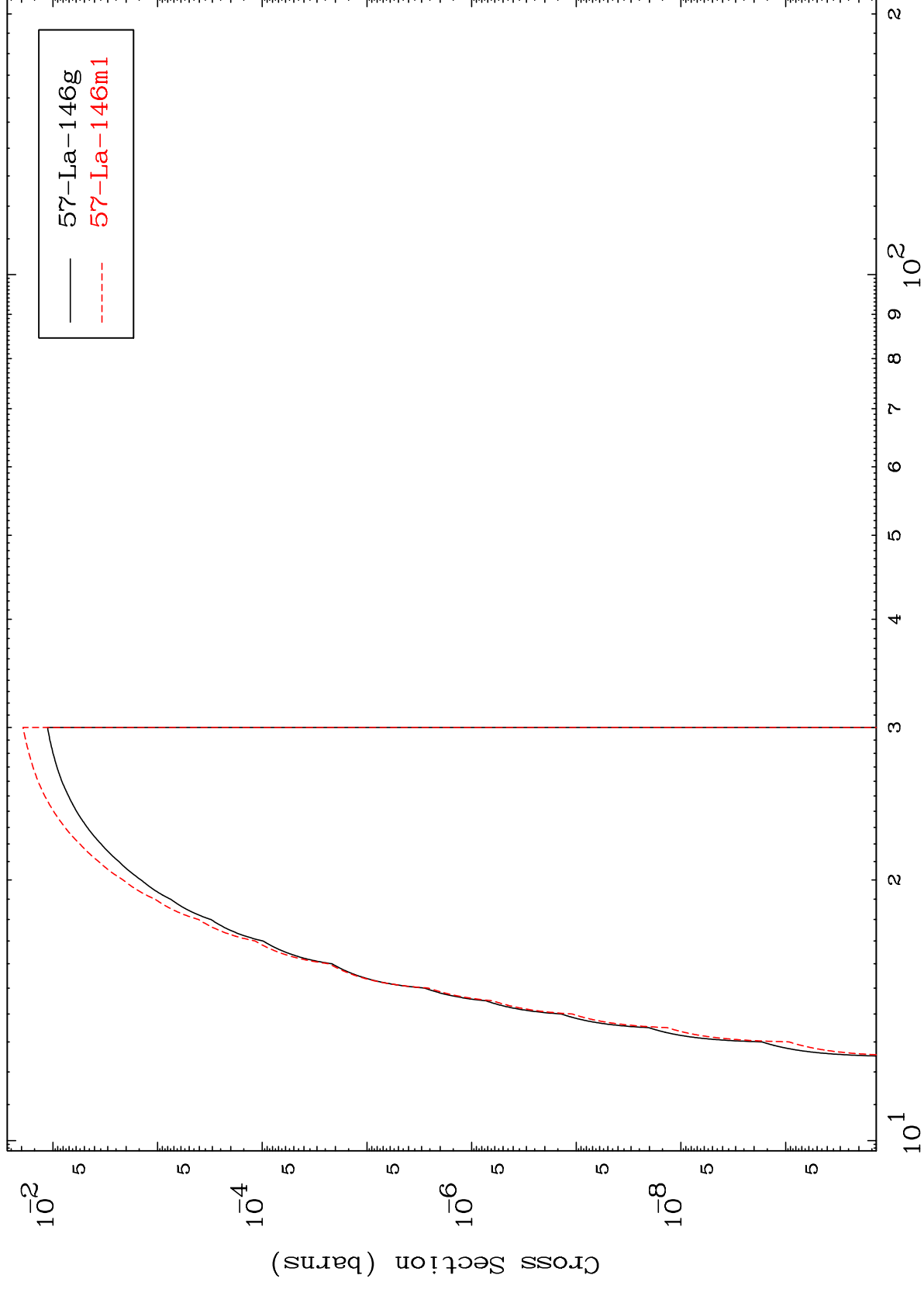


MAT 5858

$$(n, n') \text{ p}$$

58-Ce-147

Radionuclide Production Cross Section



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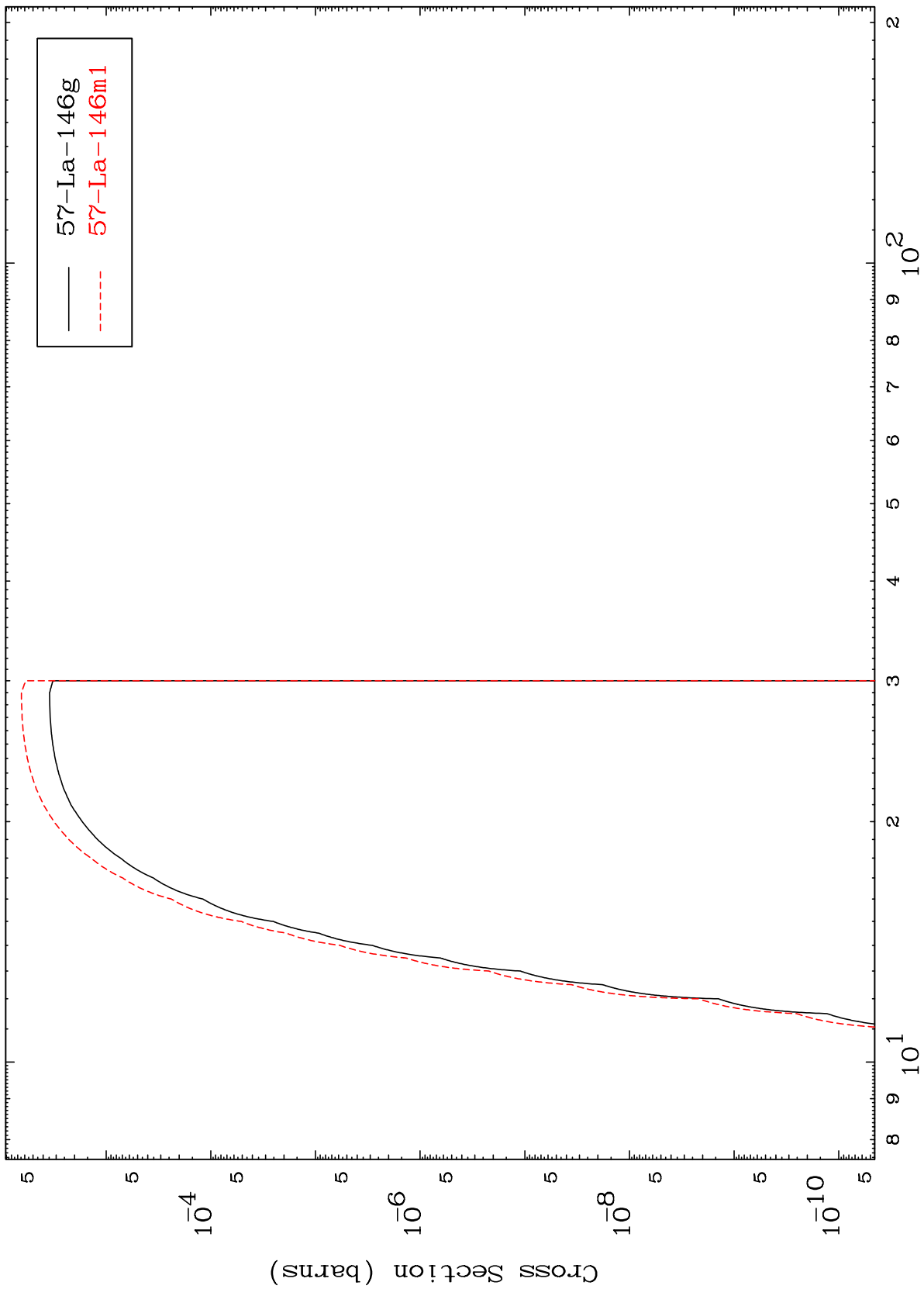
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(n,d)
Radionuclide Production Cross Section



58-Ce-147

Incident Energy (MeV)

142