

Program EVALPLOT
(Version 2021-1)

by

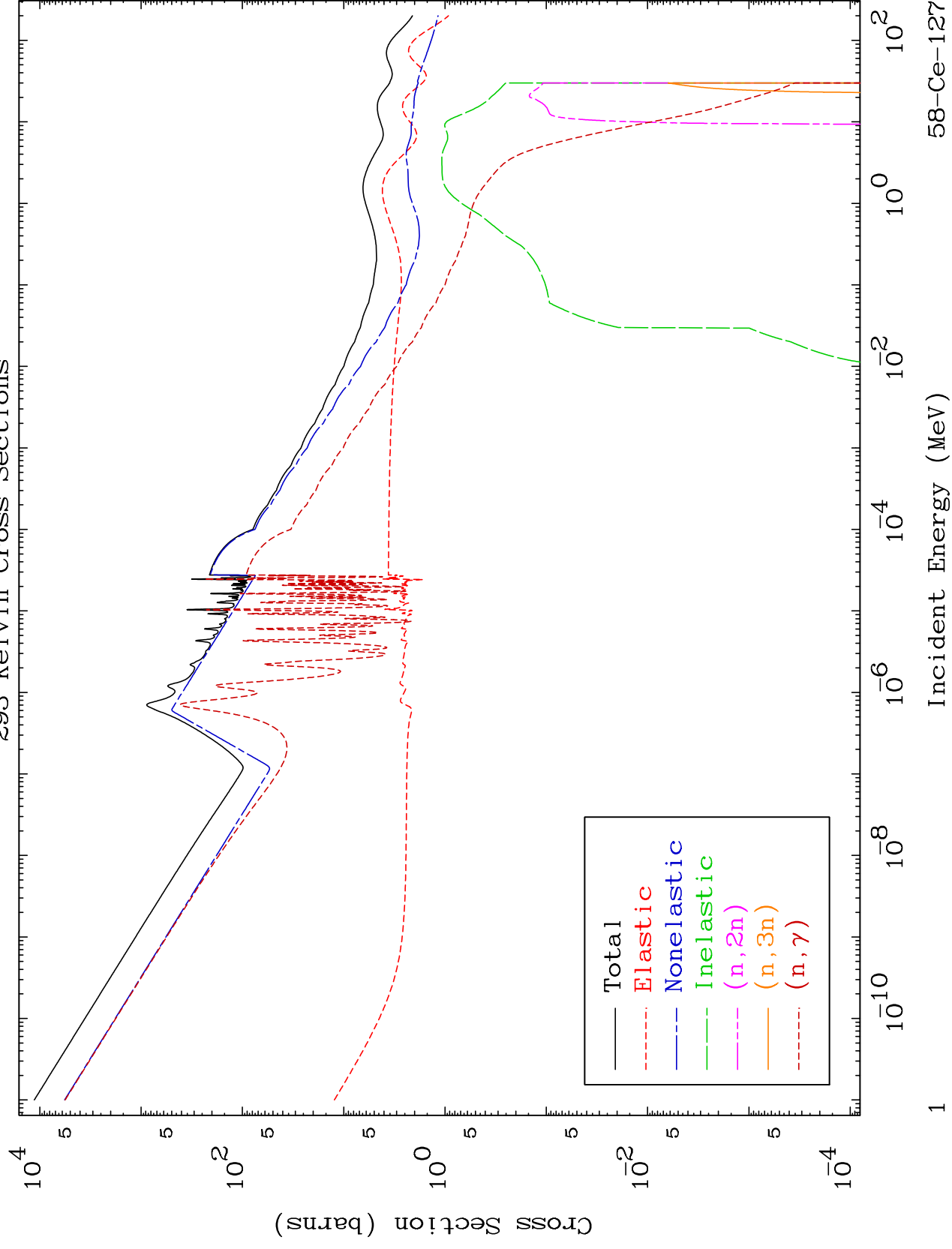
Dermott E. Cullen
(Present Contact Information)

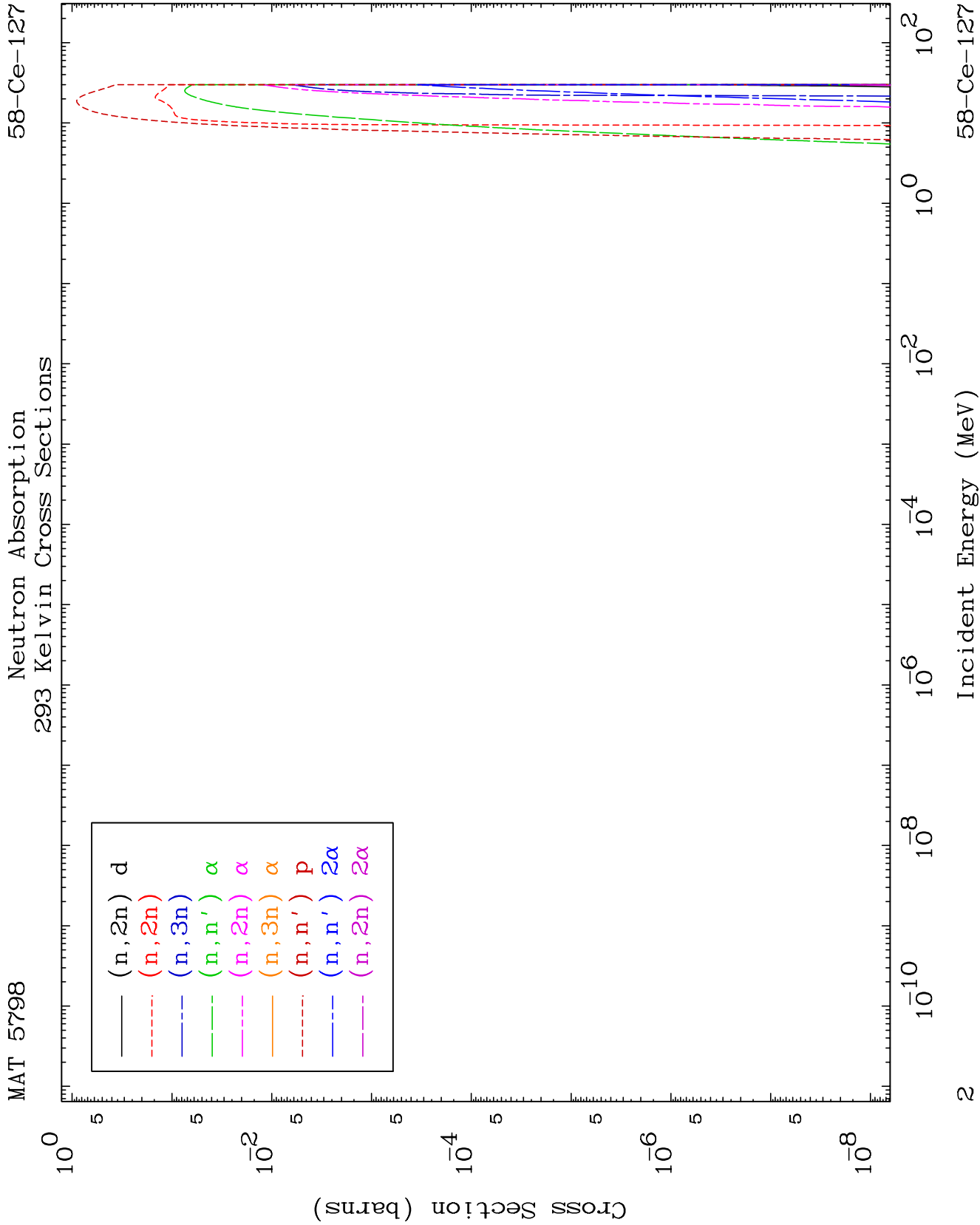
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

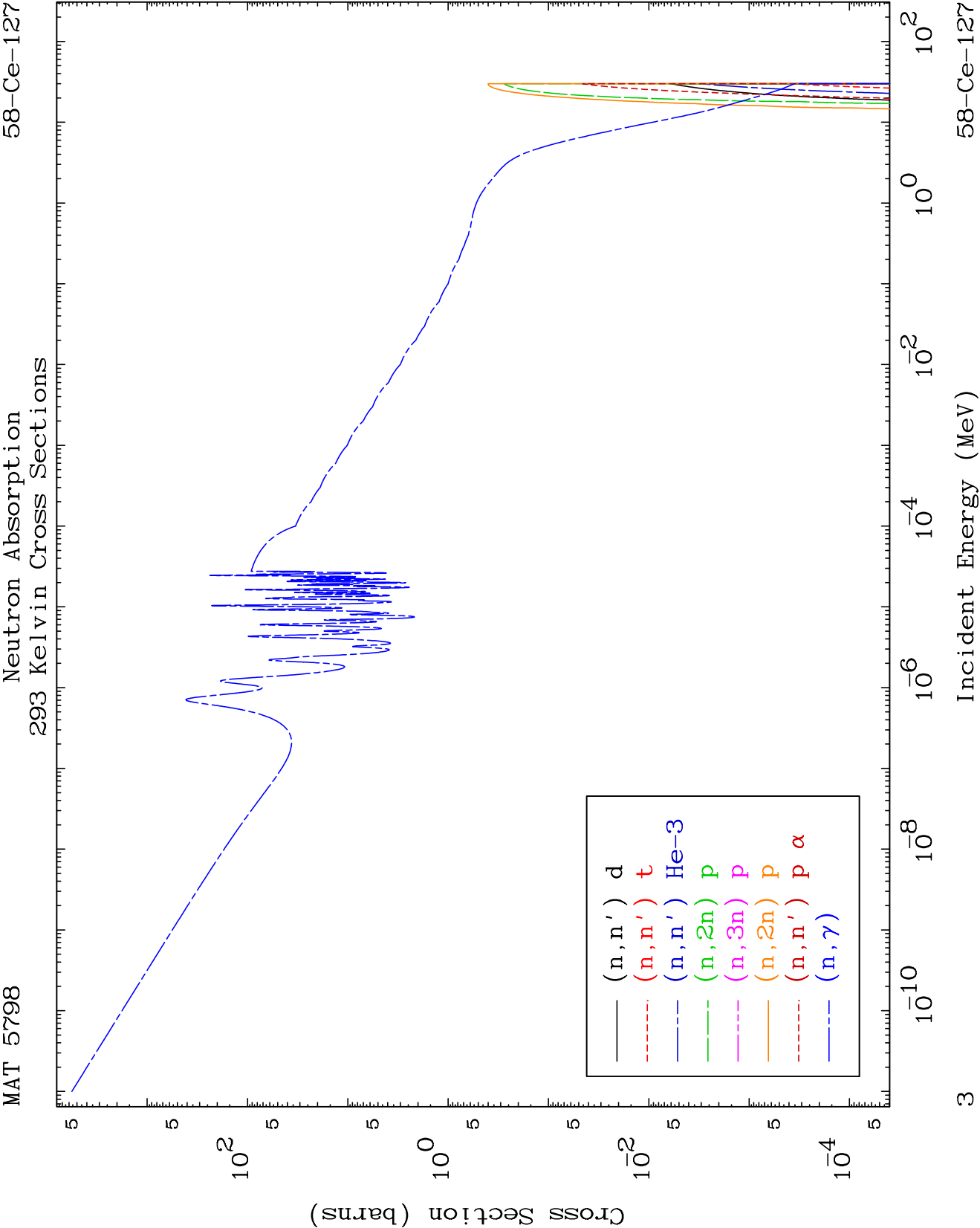
Tele: 925-443-1911

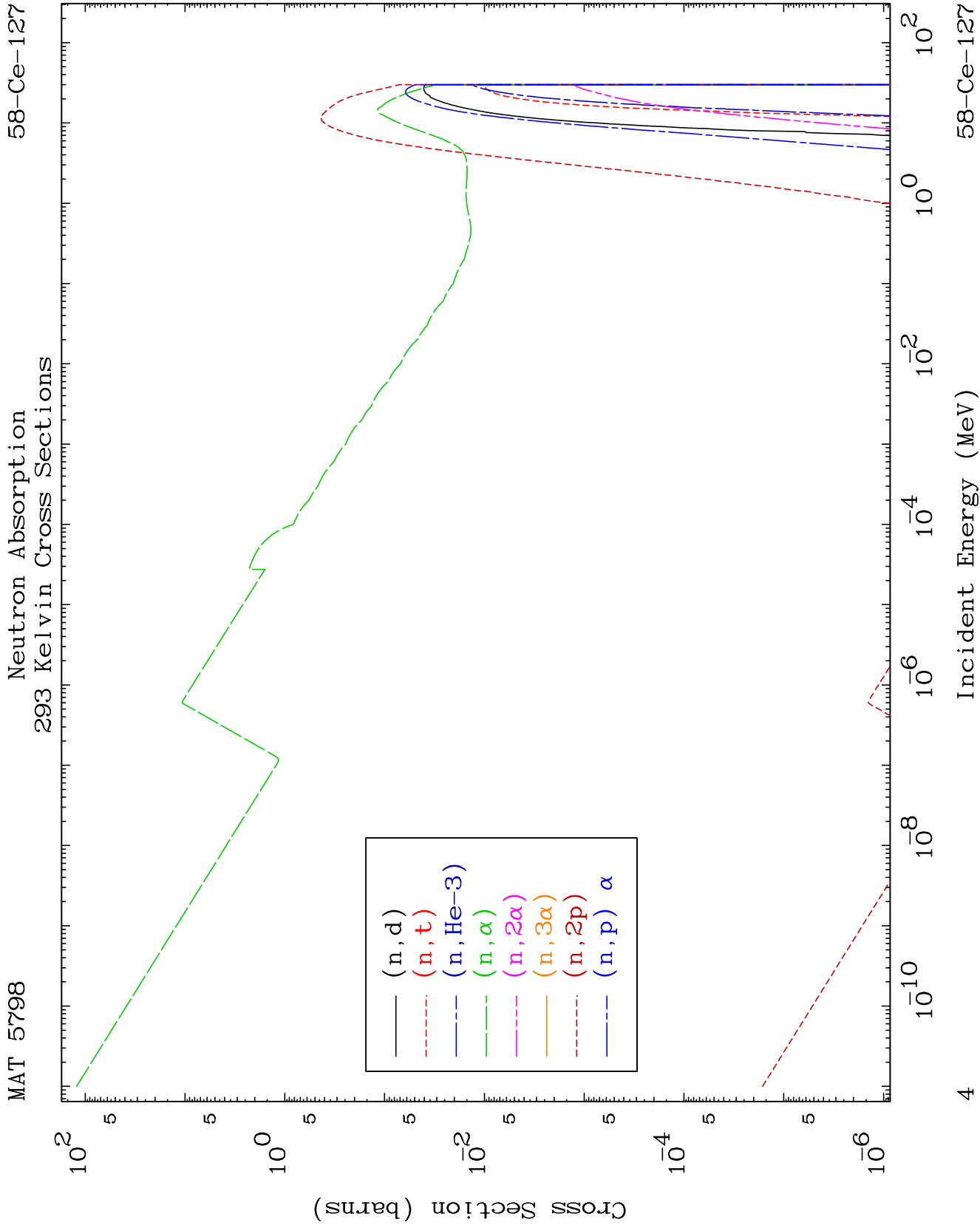
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





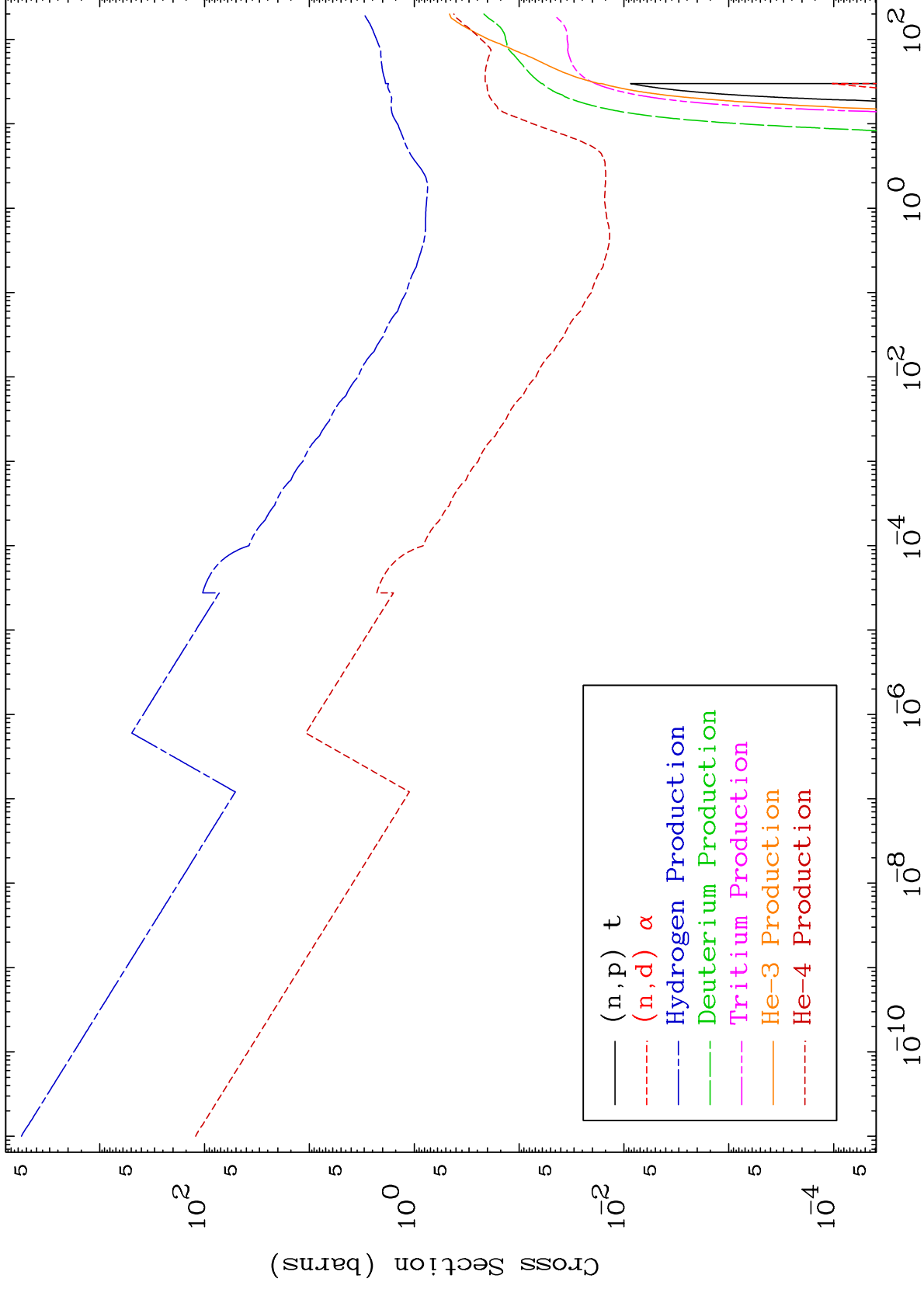




MAT 5798

Neutron Absorption
293 Kelvin Cross Sections

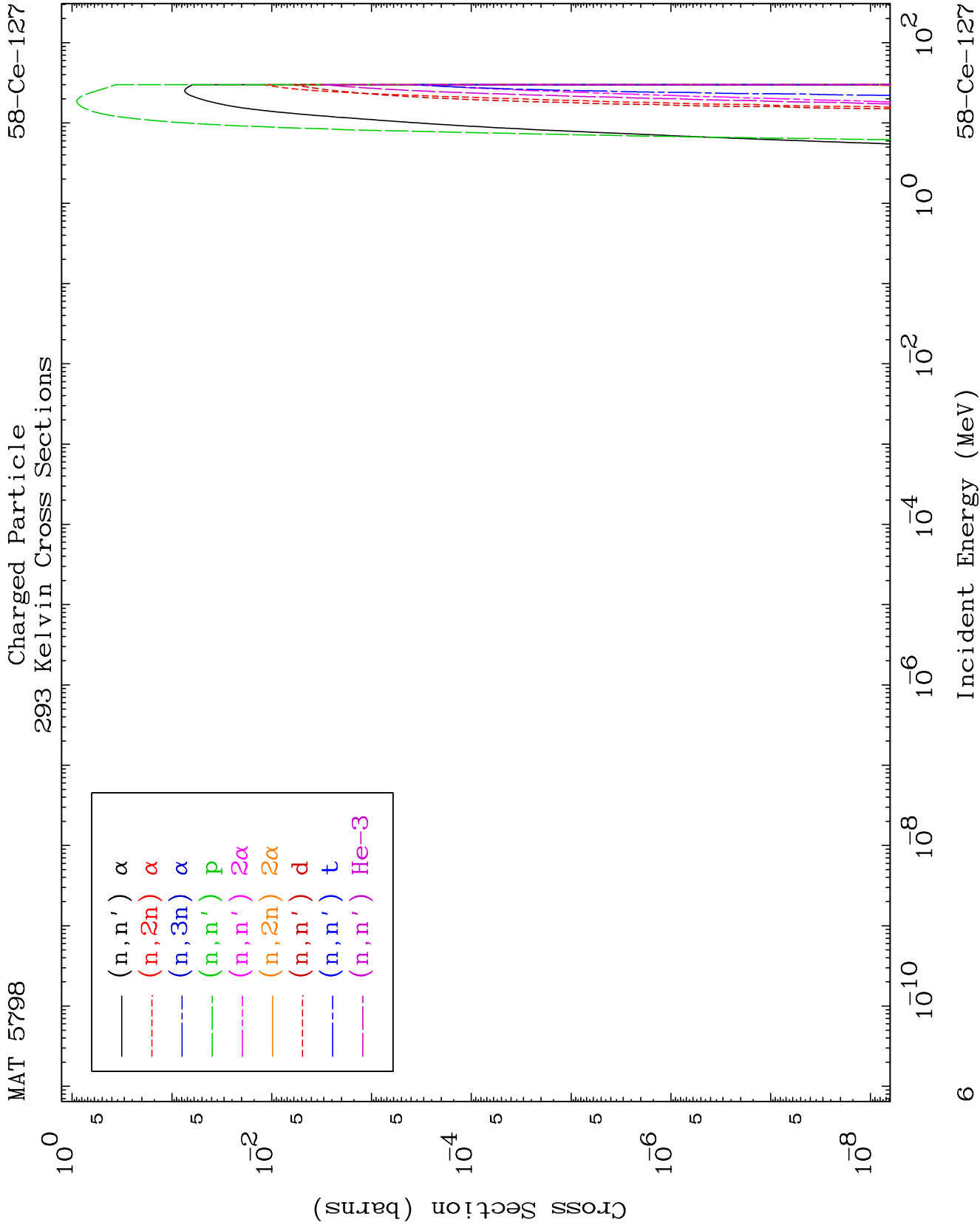
58-Ce-127

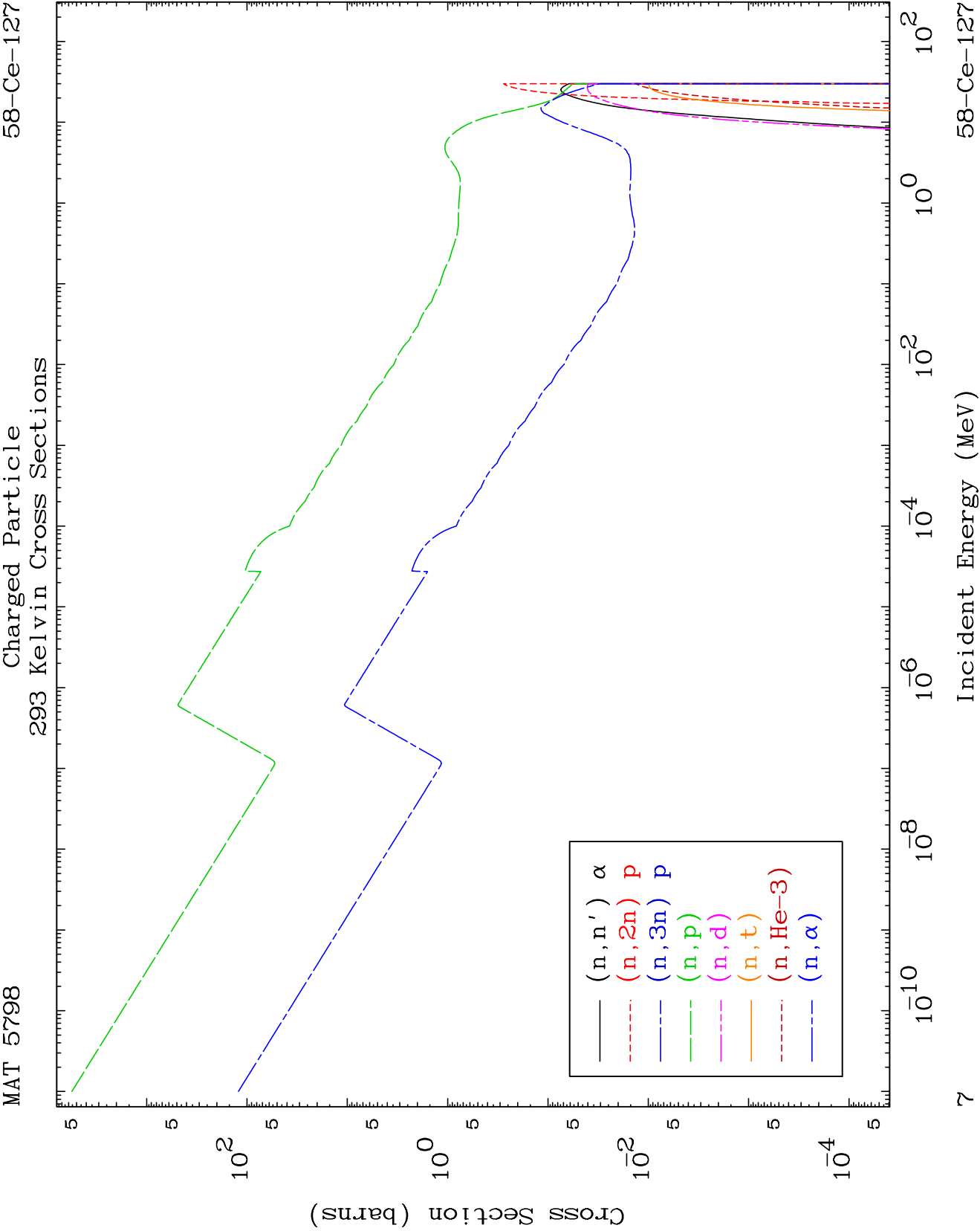


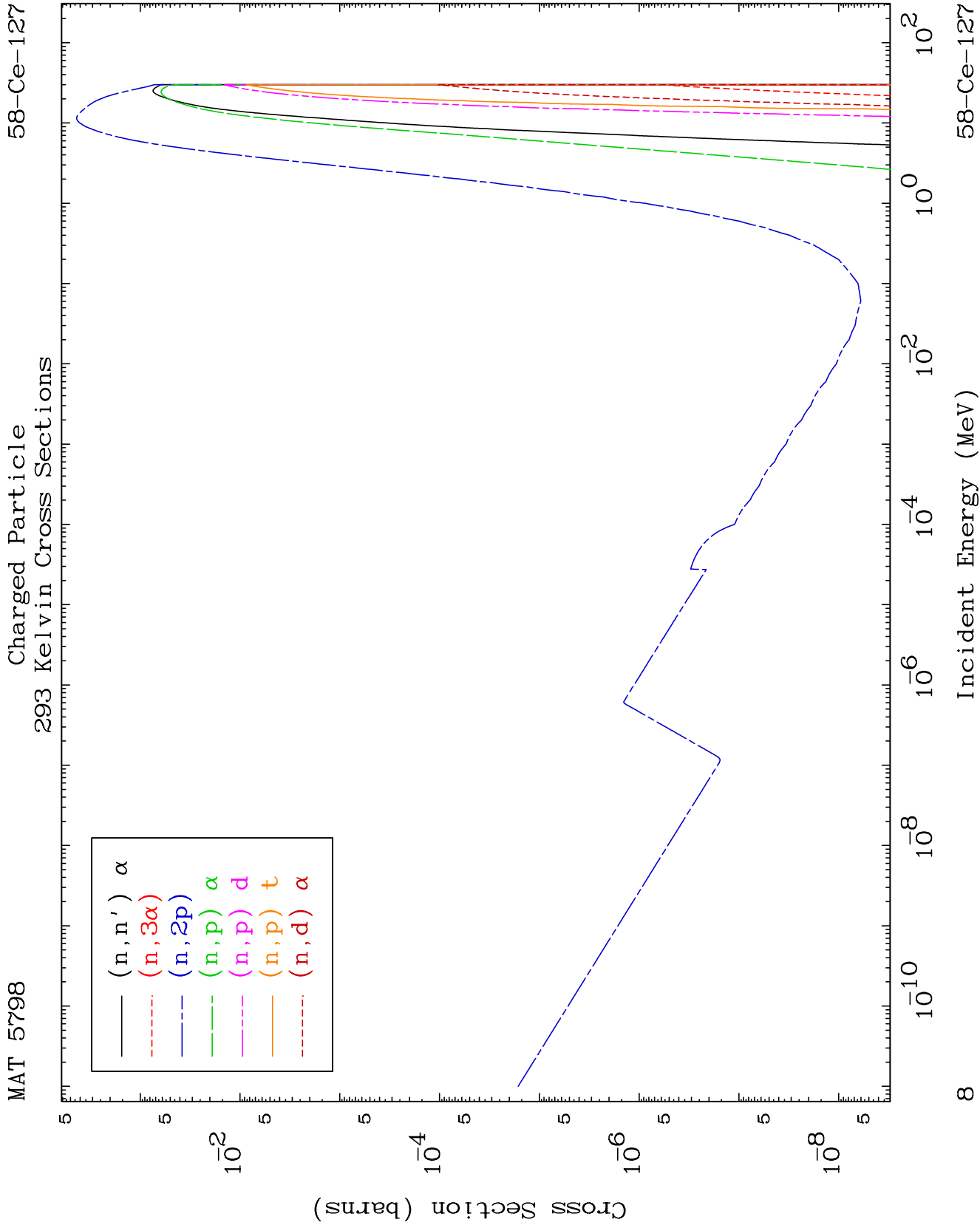
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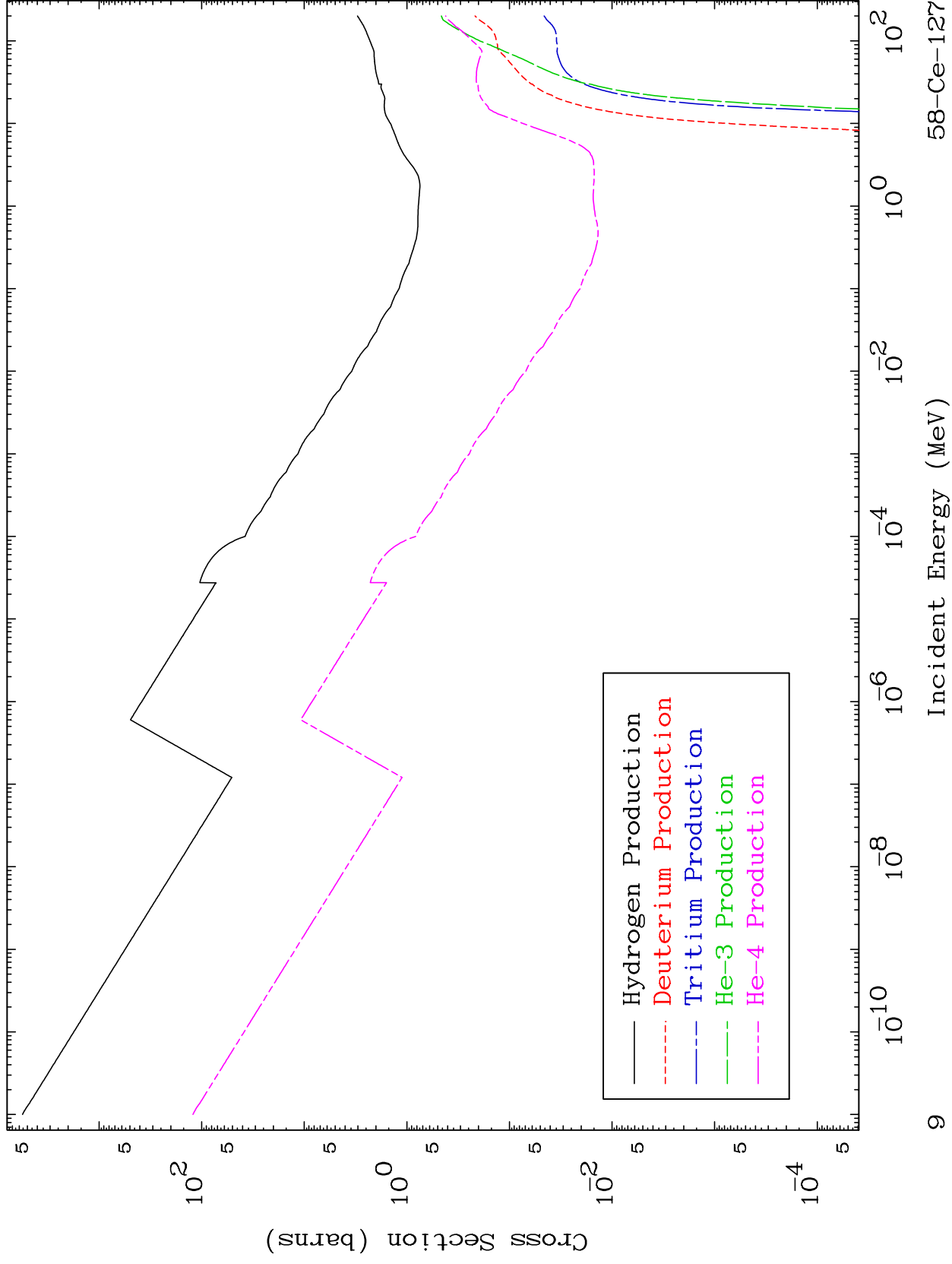
Incident Energy (MeV)

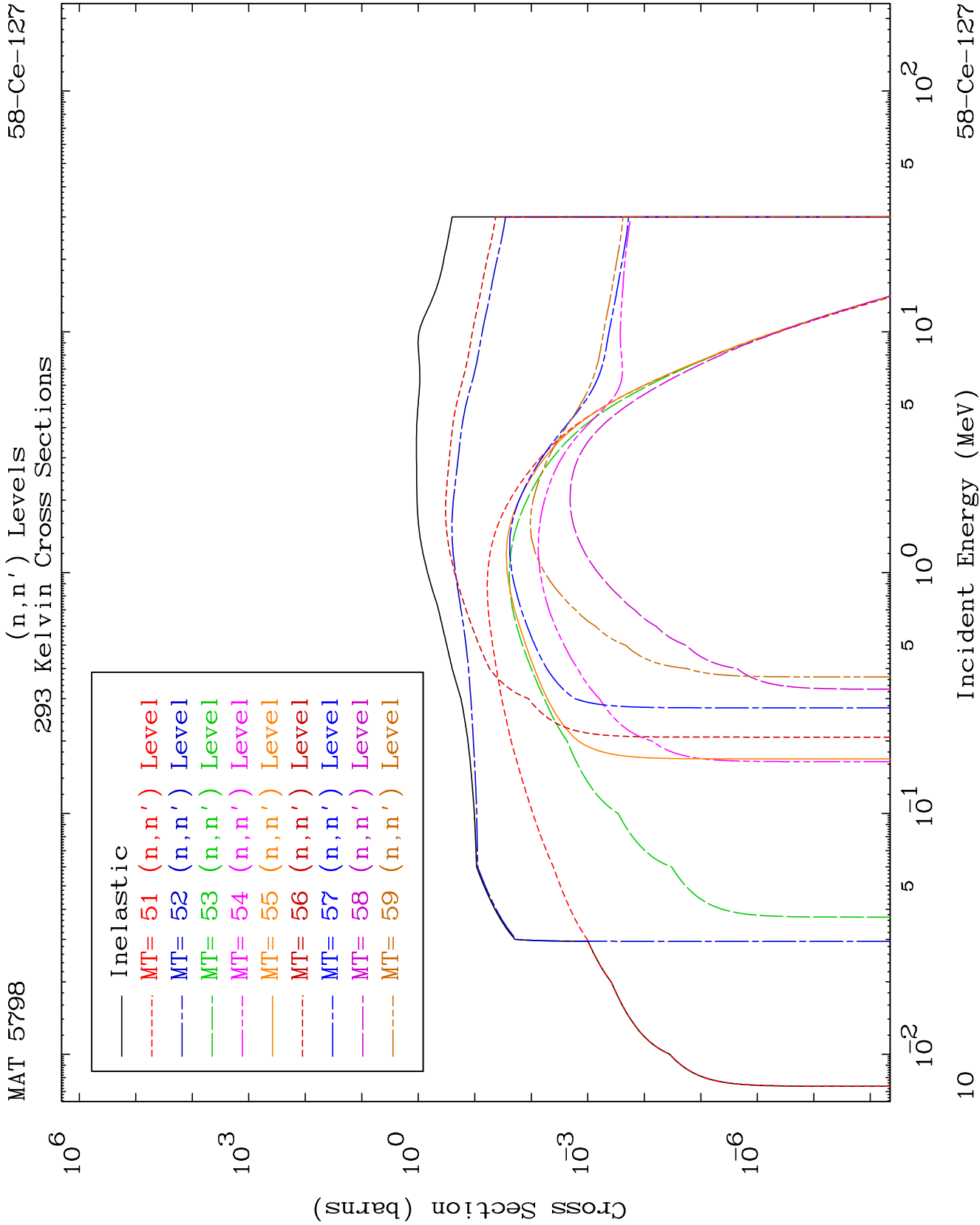
58-Ce-127

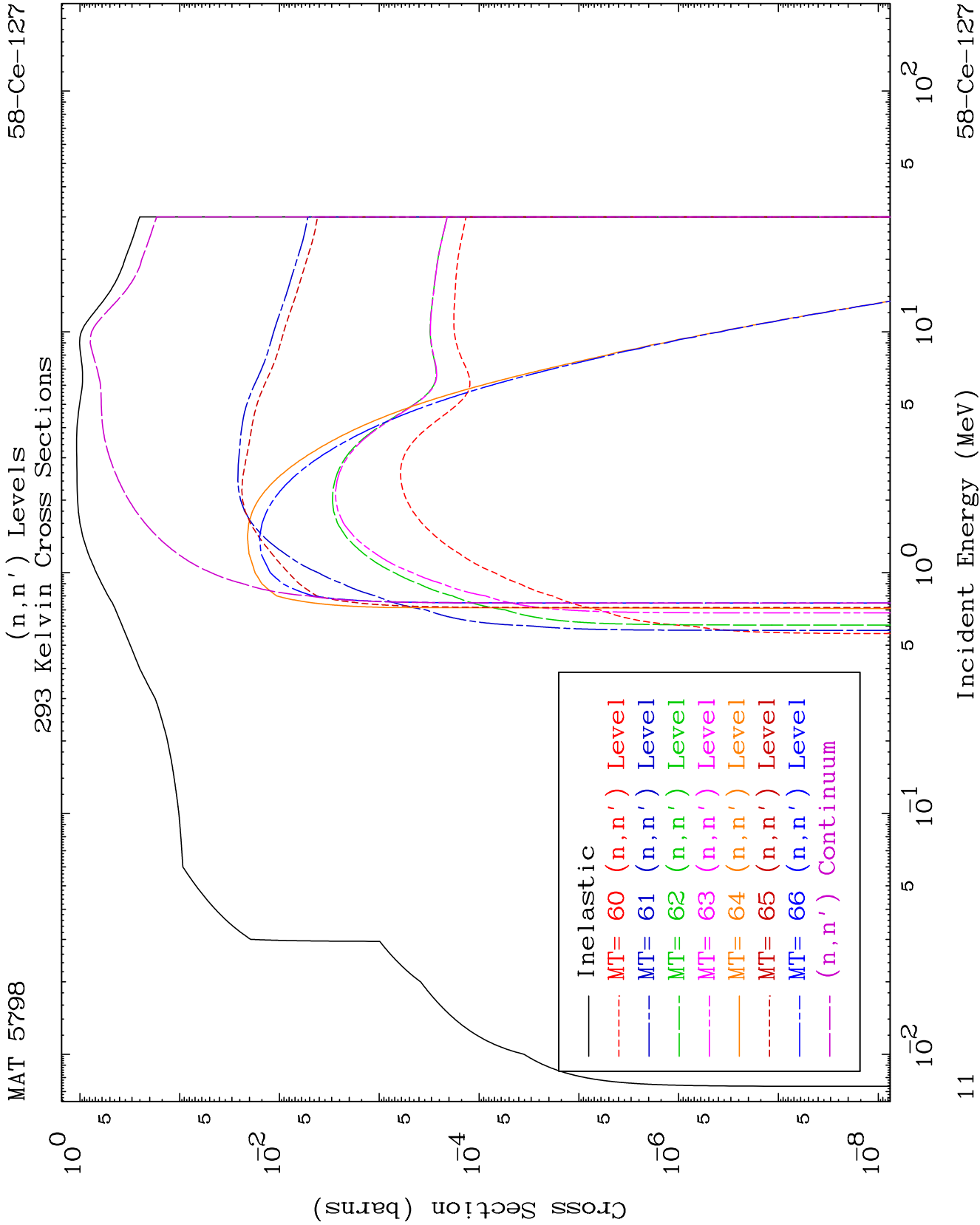


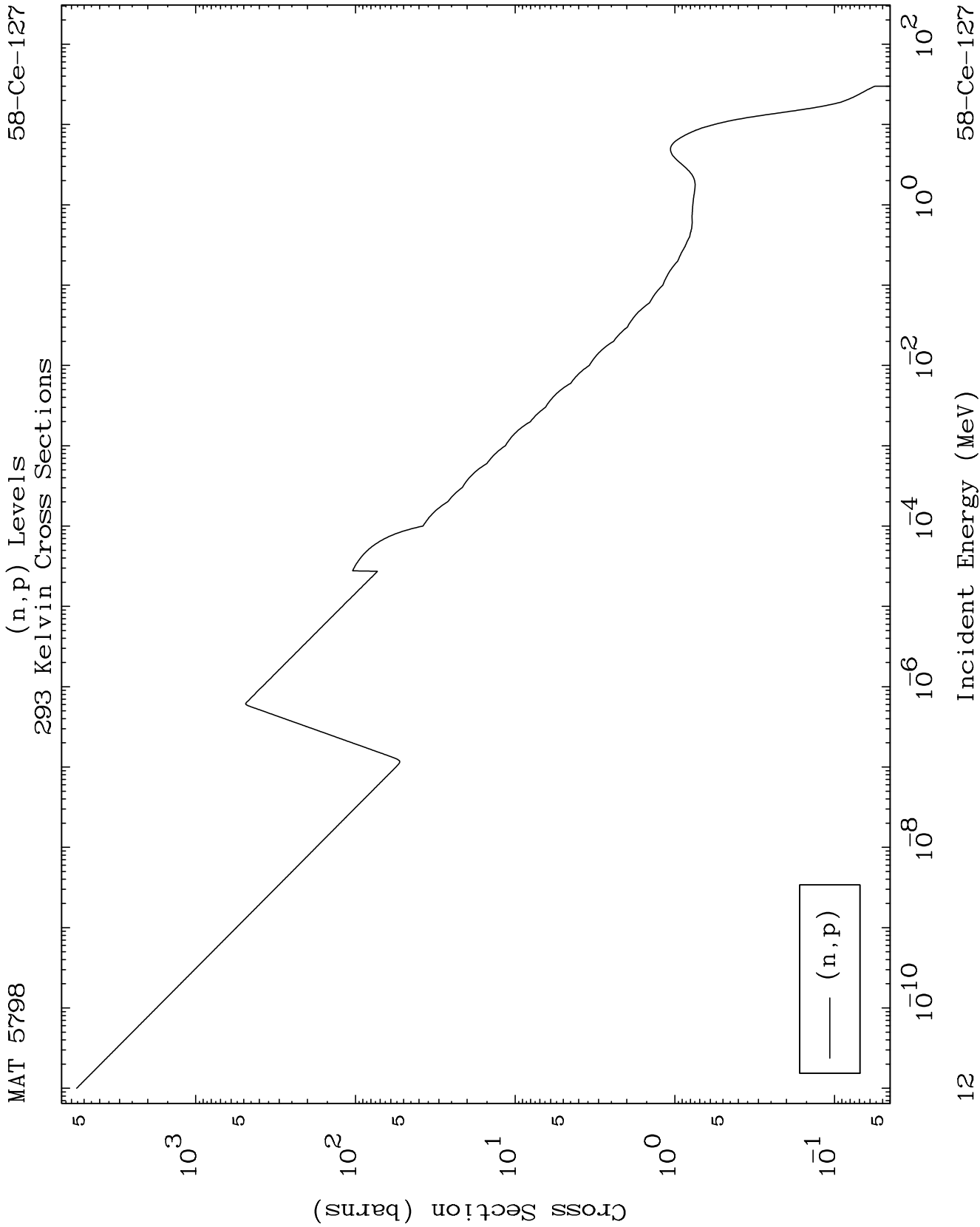








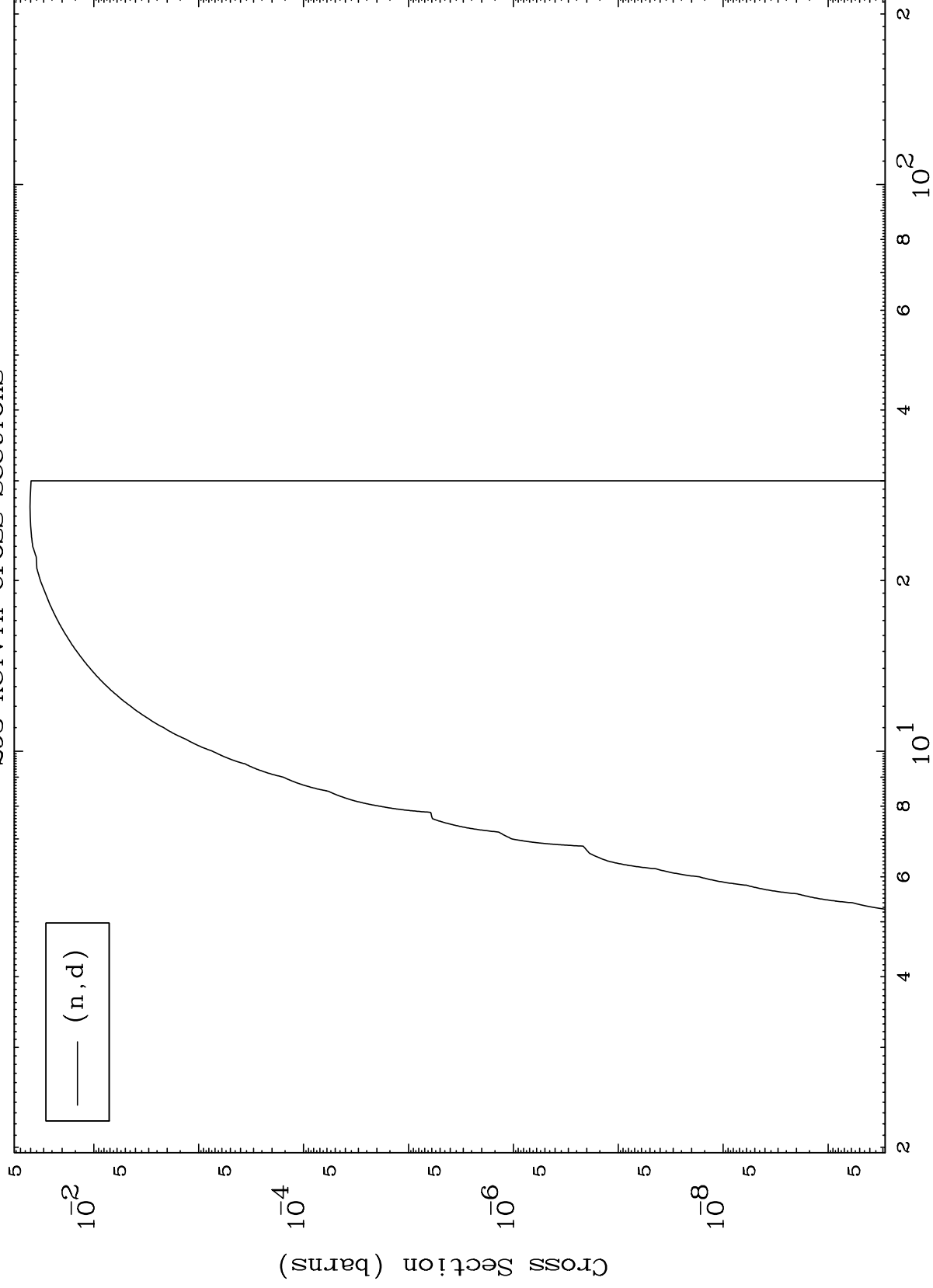




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58-Ce-127

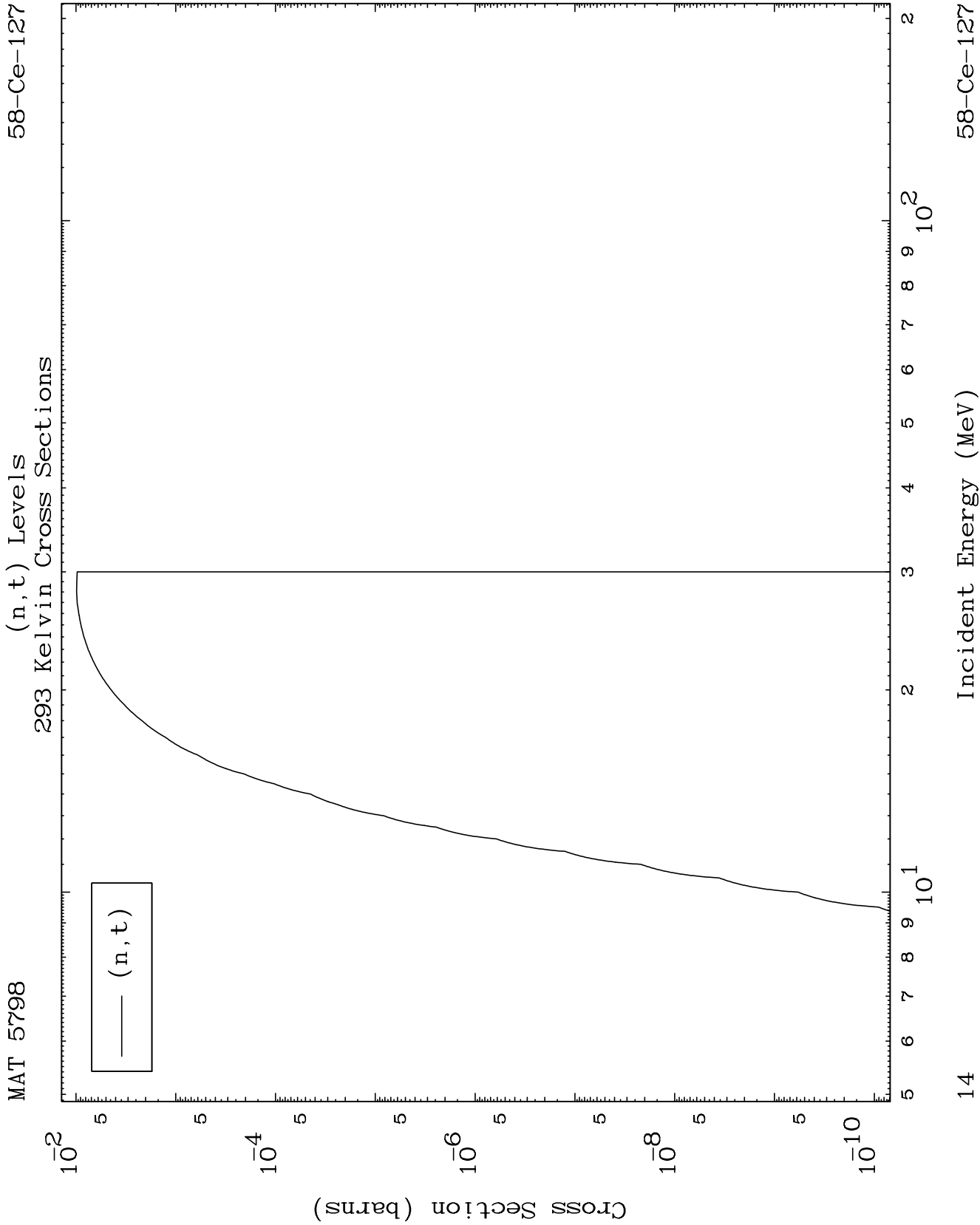
(n,d) Levels
293 Kelvin Cross Sections

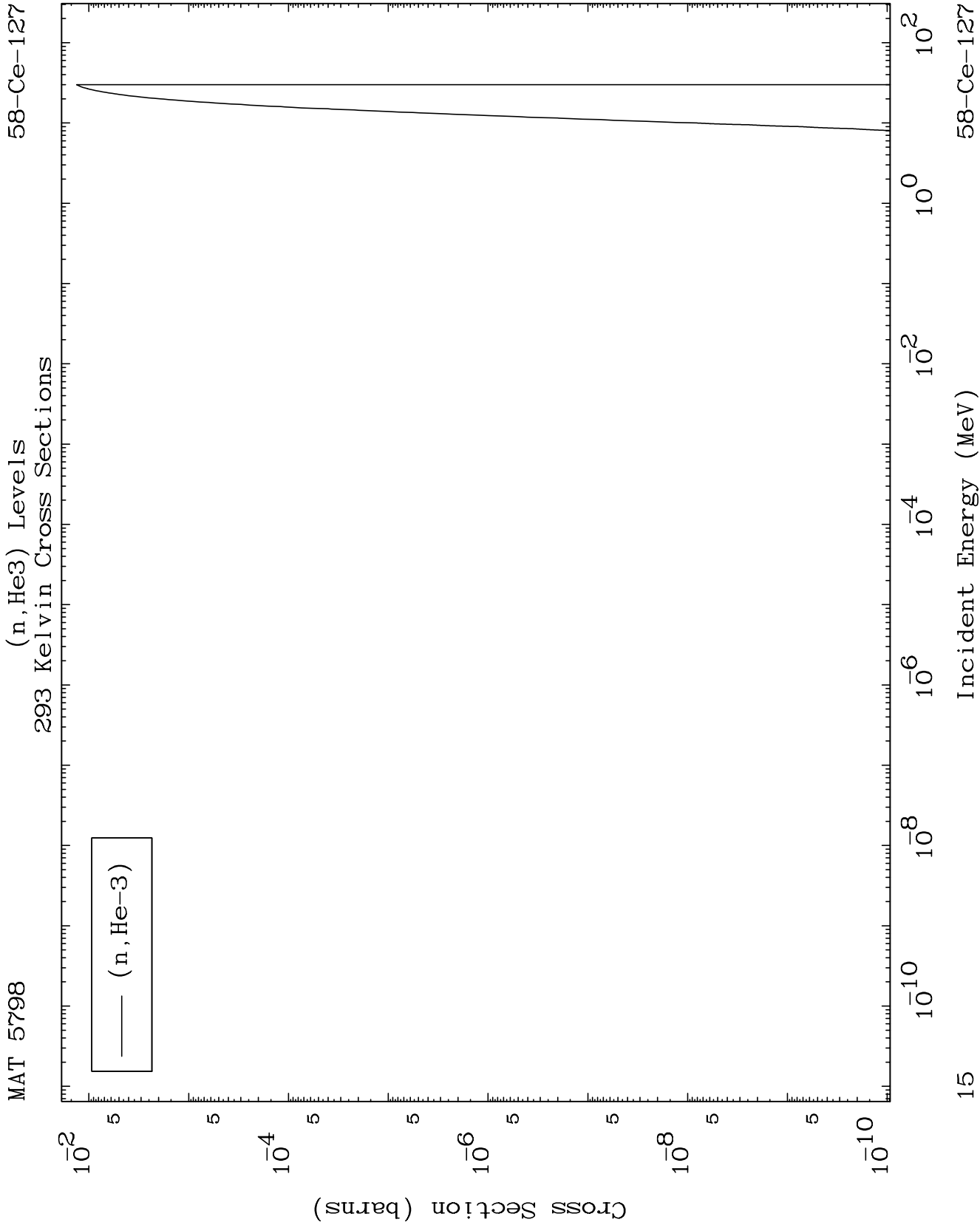


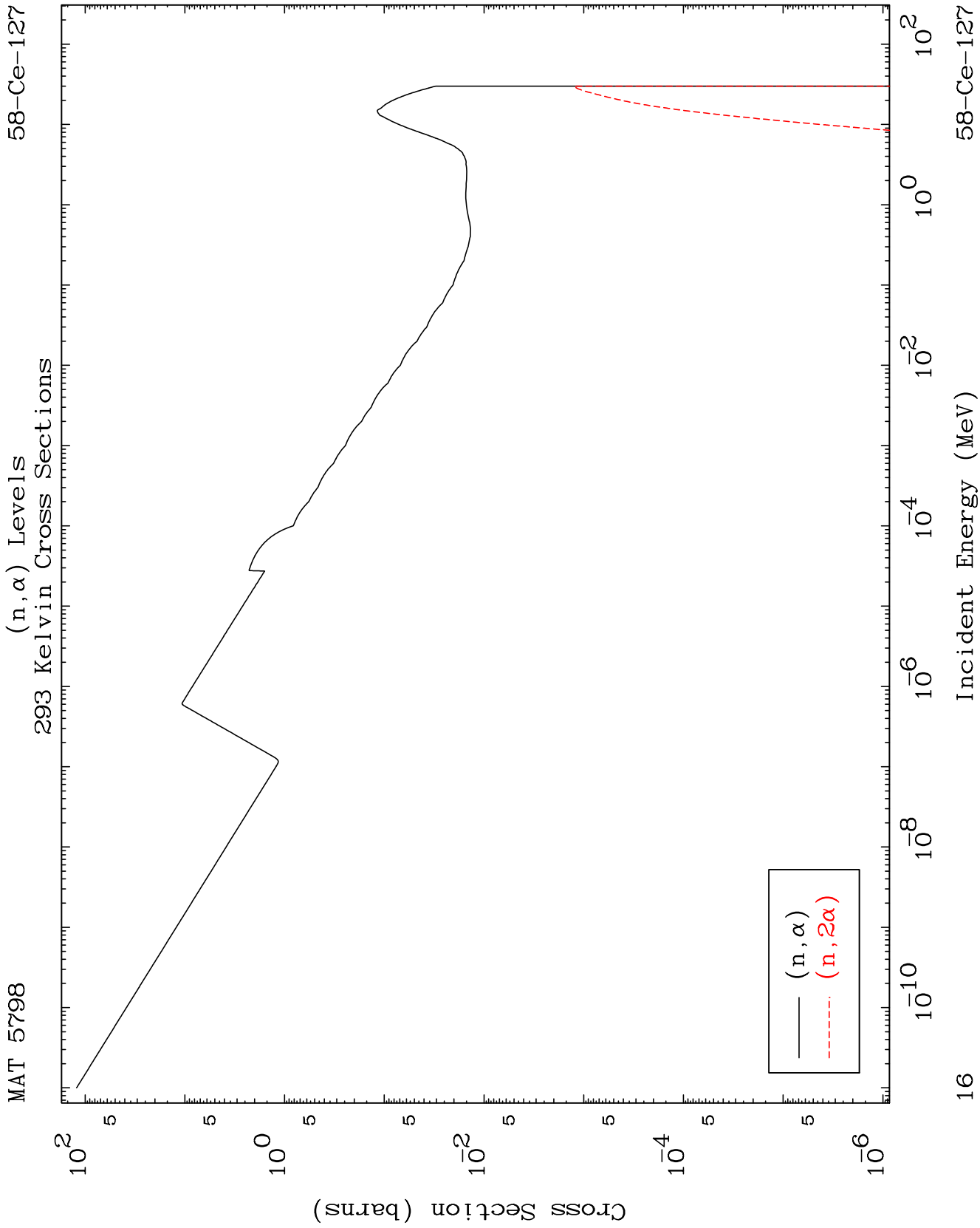
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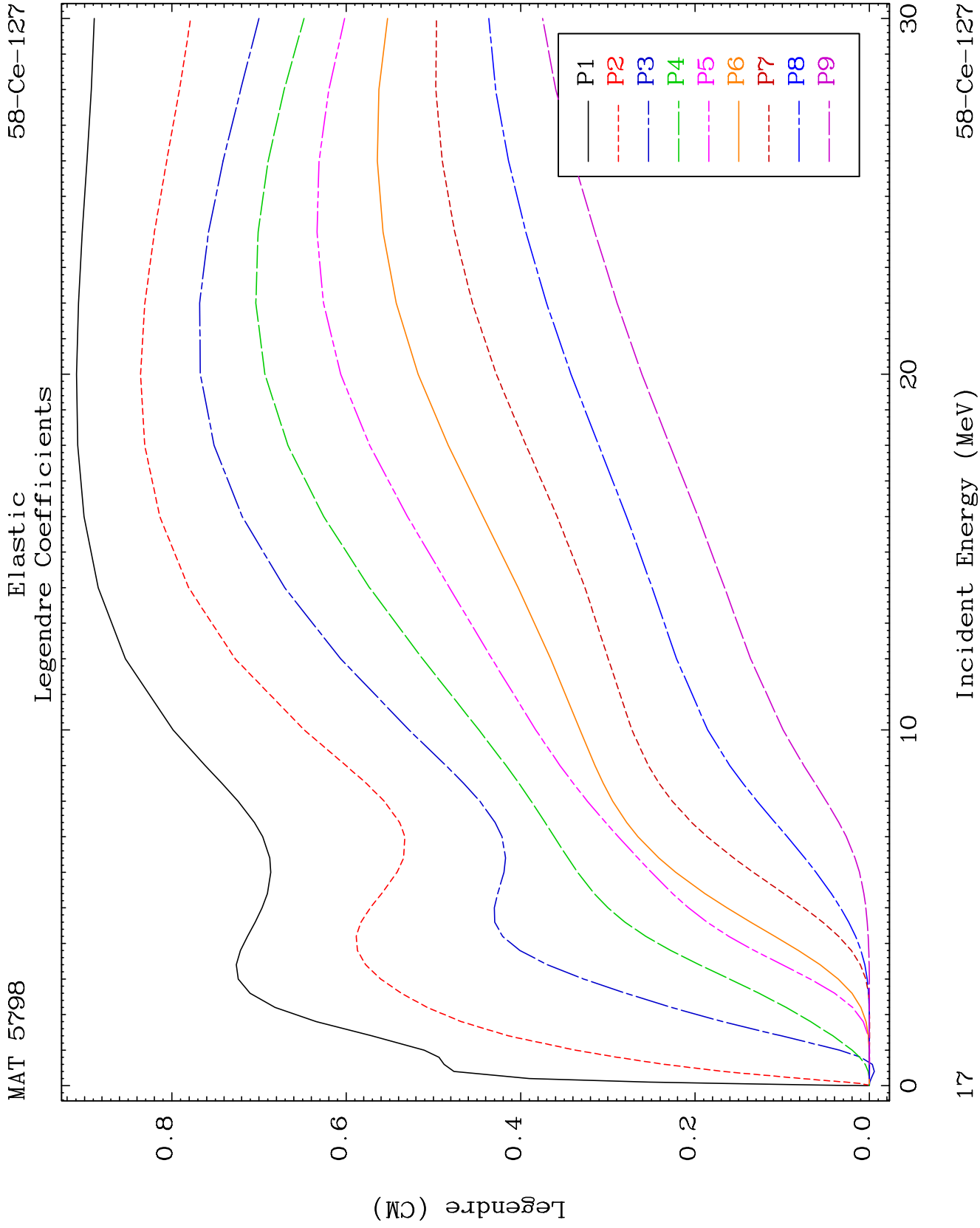
Incident Energy (MeV)

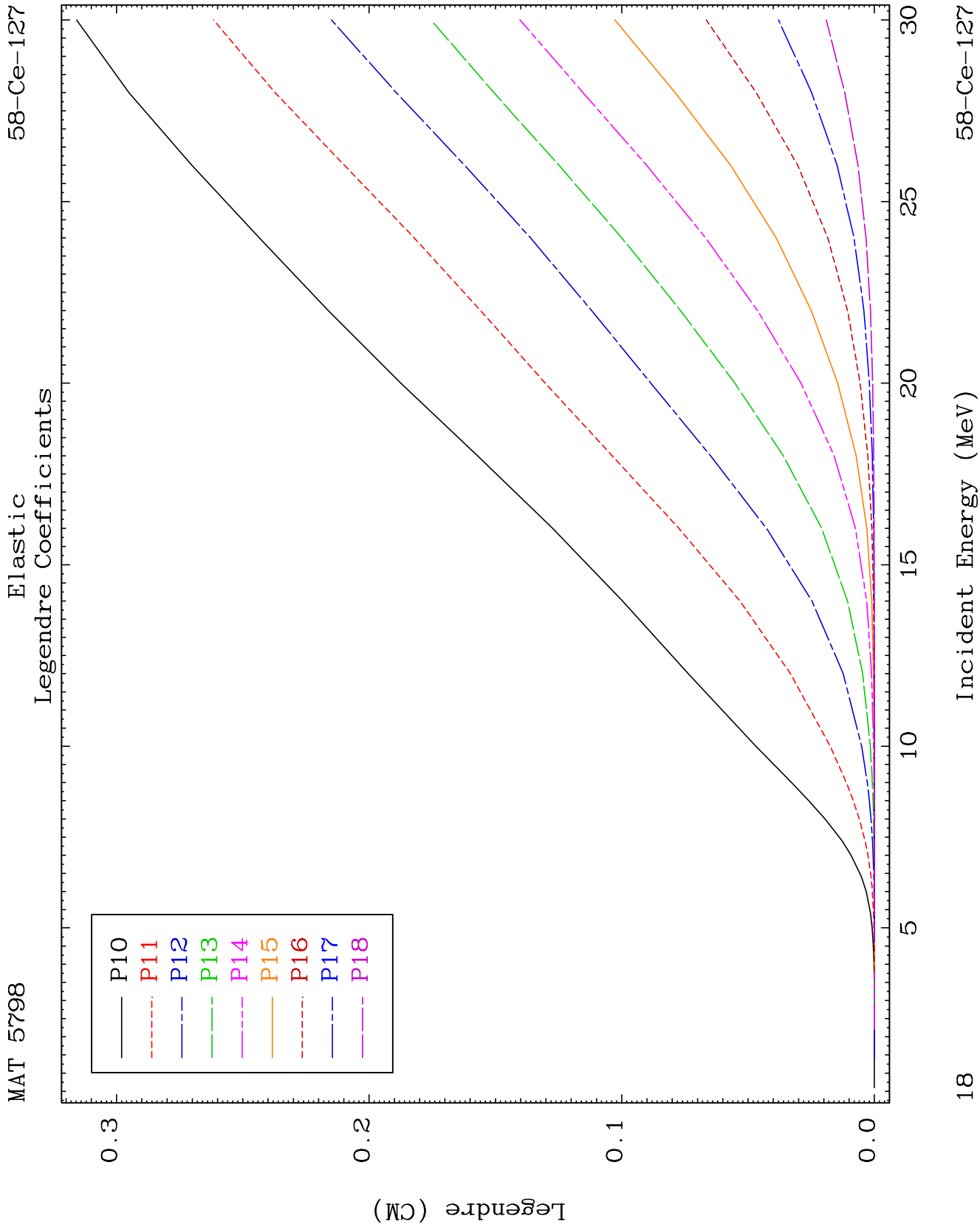
13







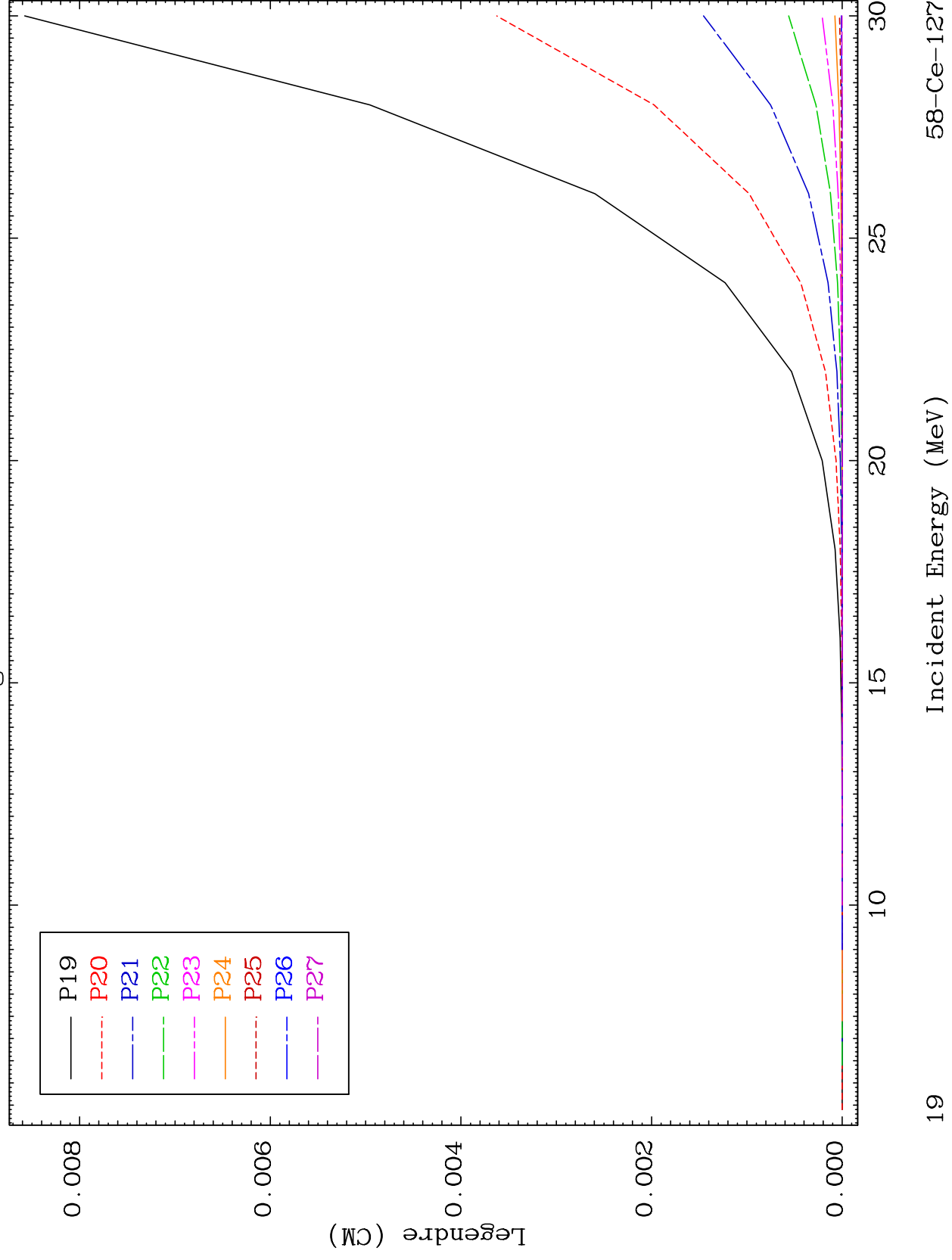


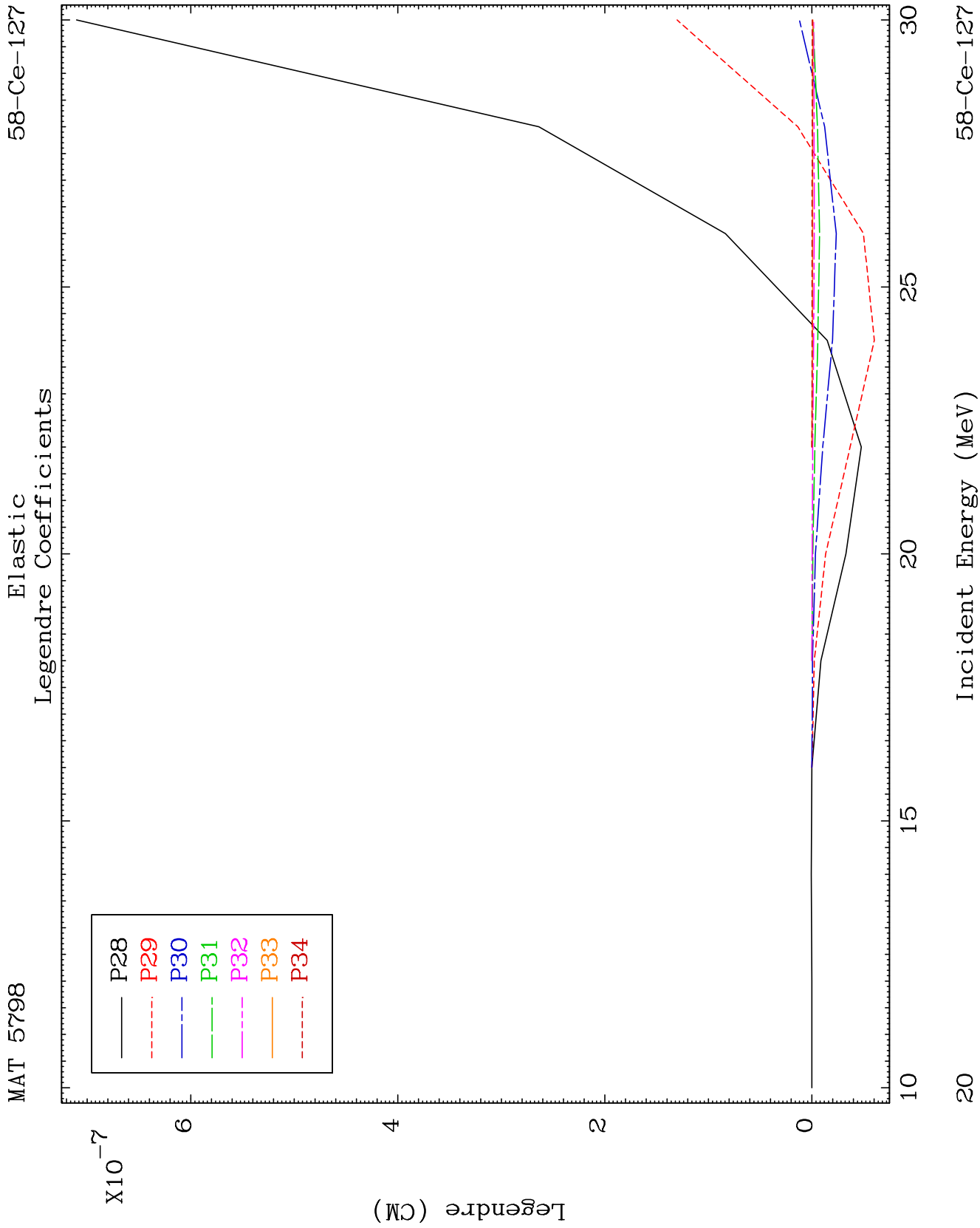


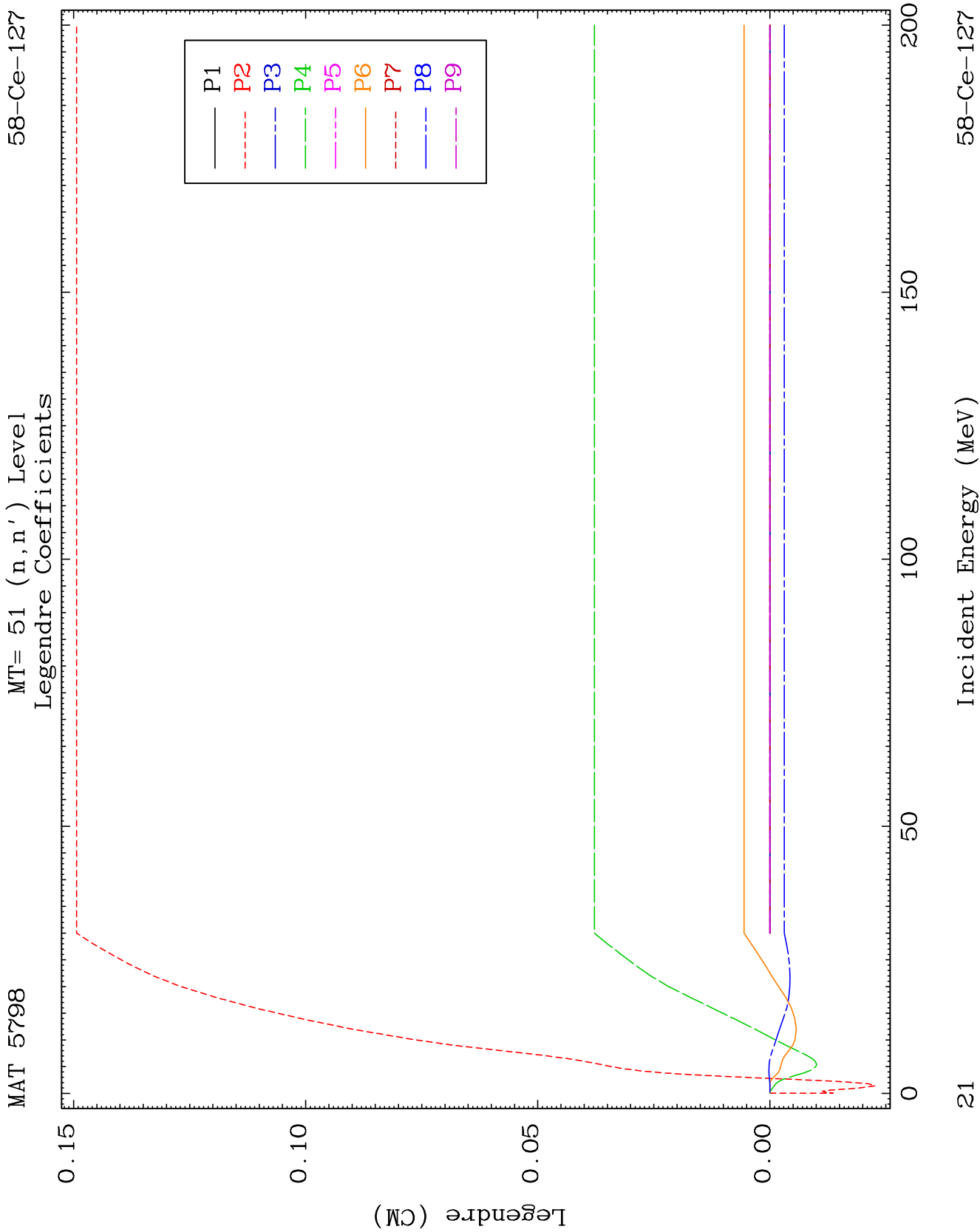
MAT 5798

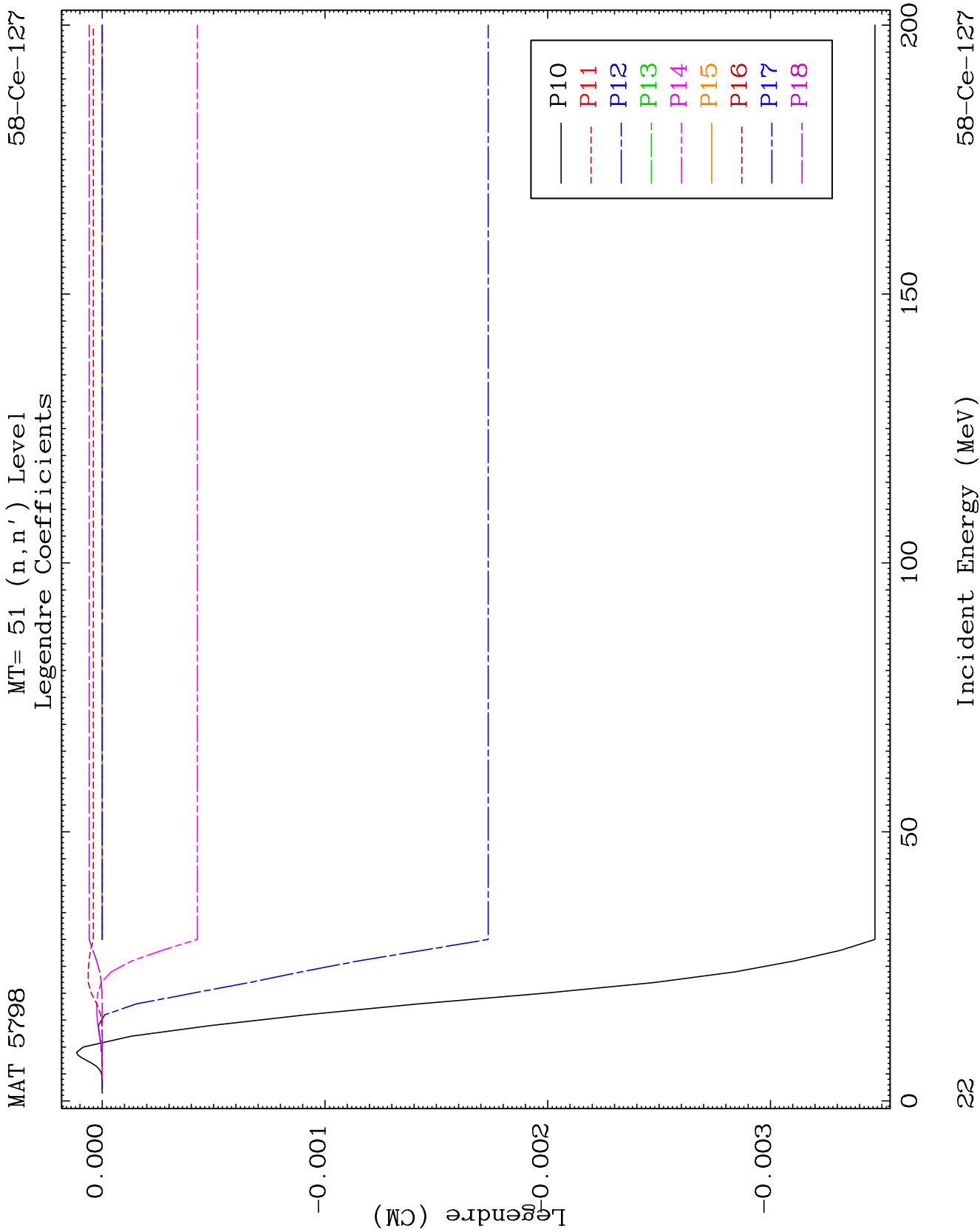
Elastic Legendre Coefficients

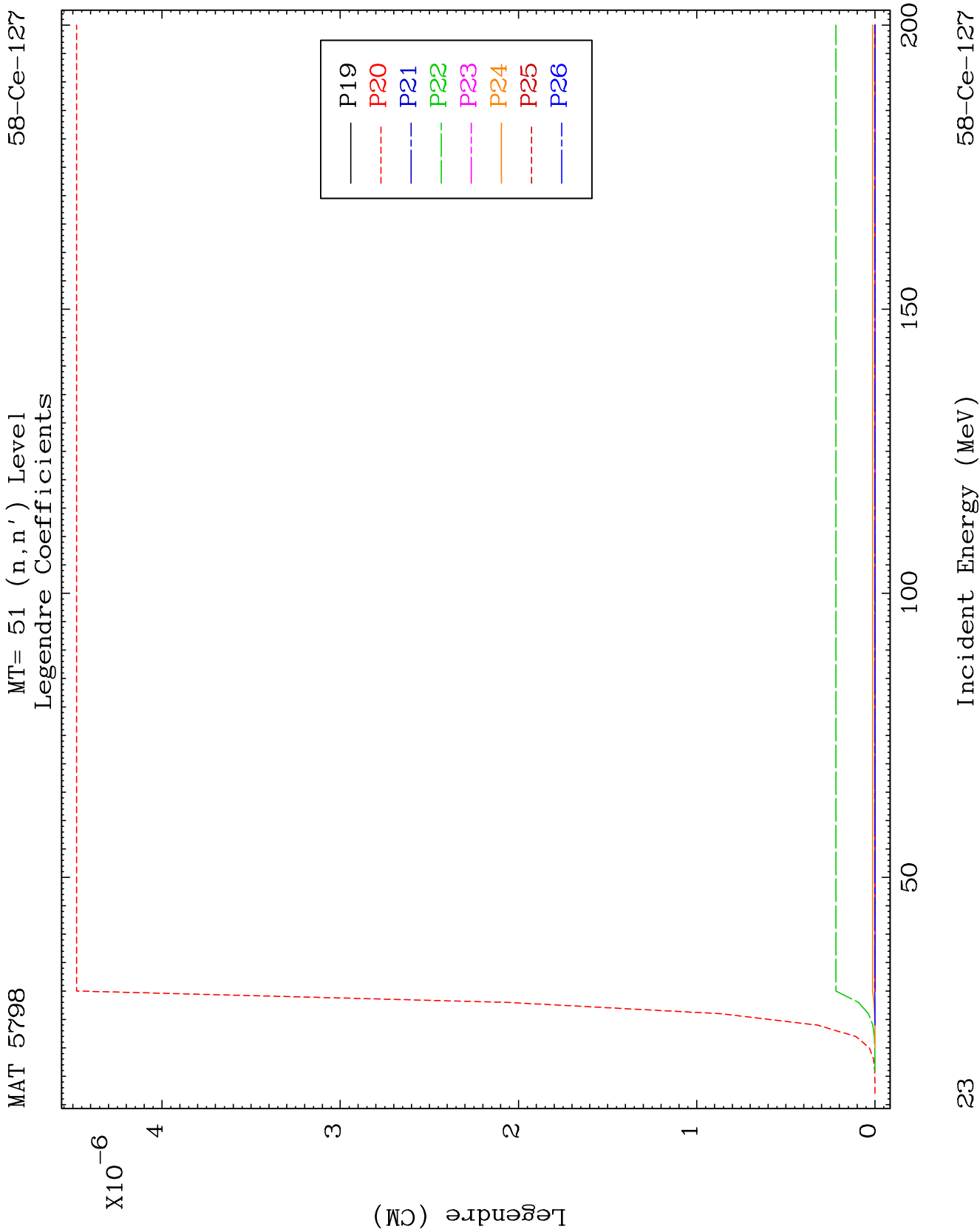
58-Ce-127







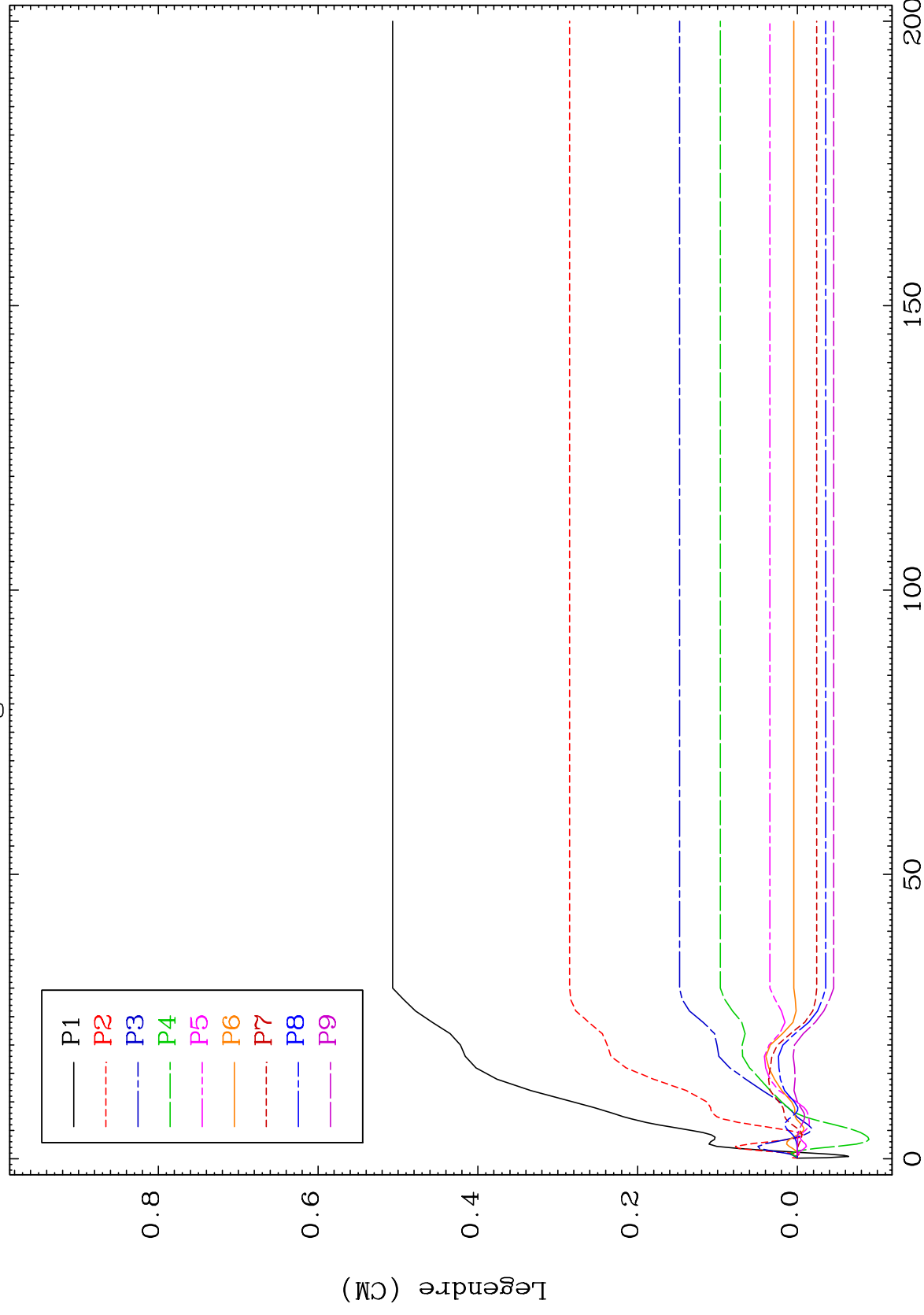




MAT 5798

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

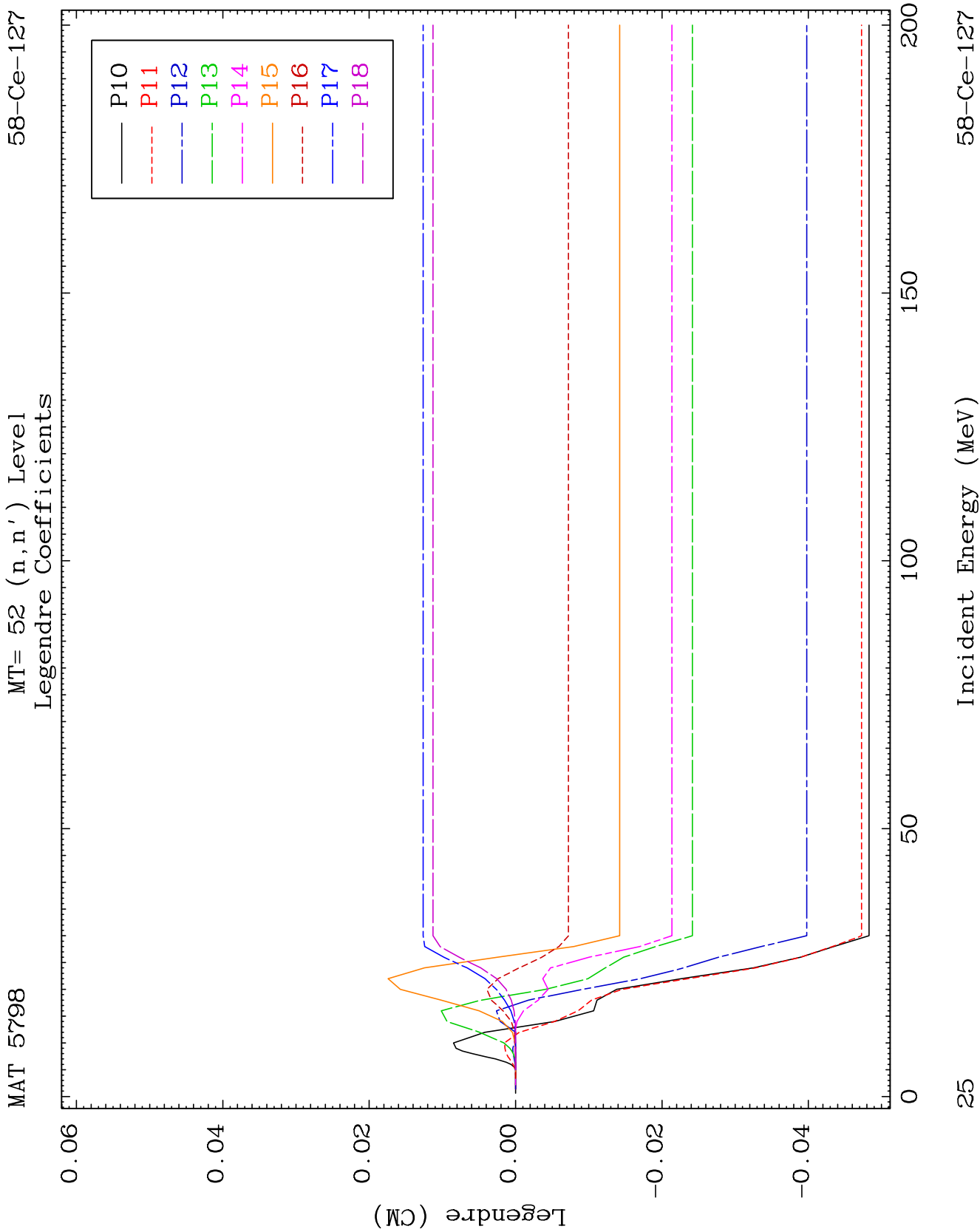
58-Ce-127



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Incident Energy (MeV)

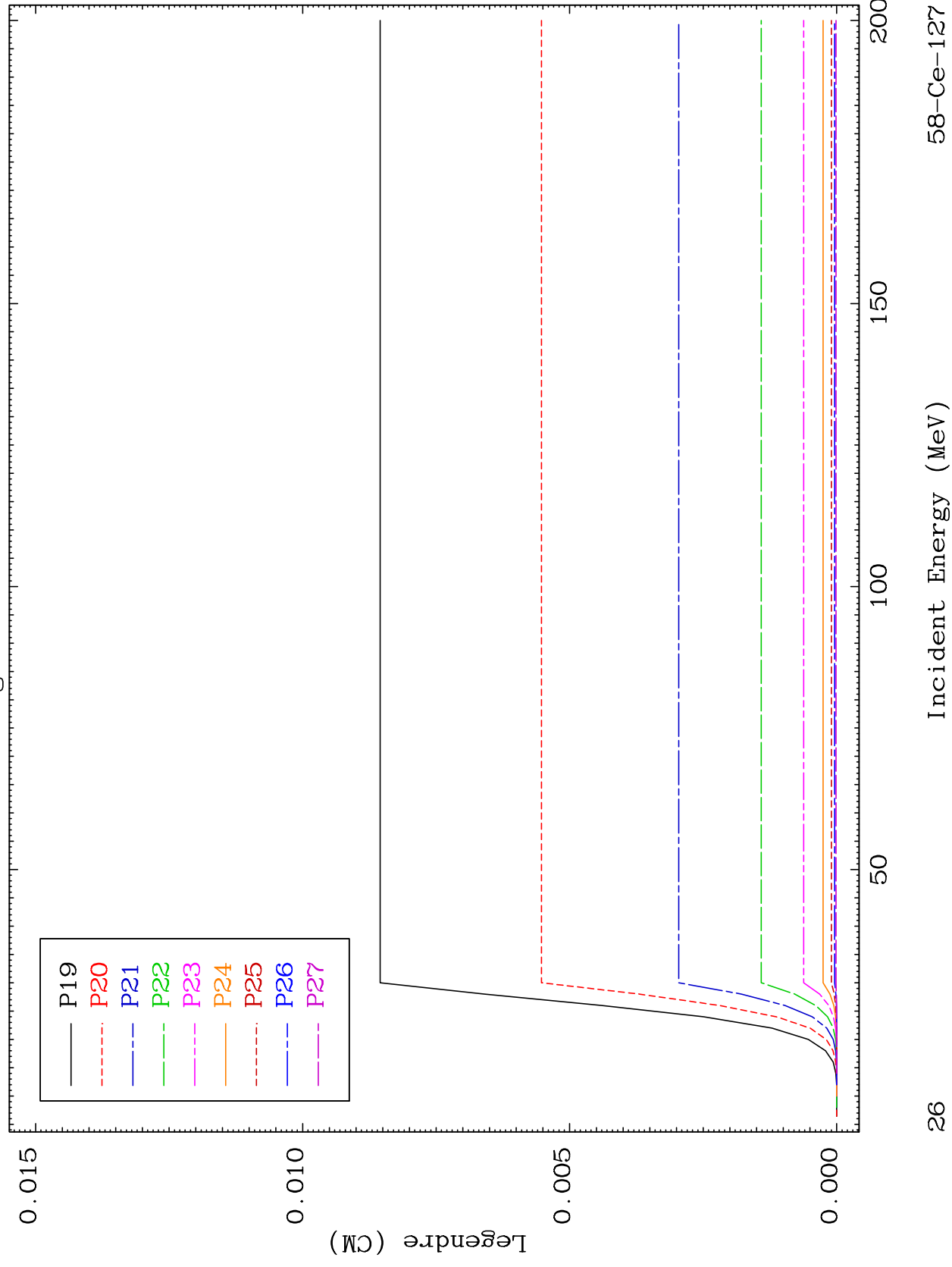
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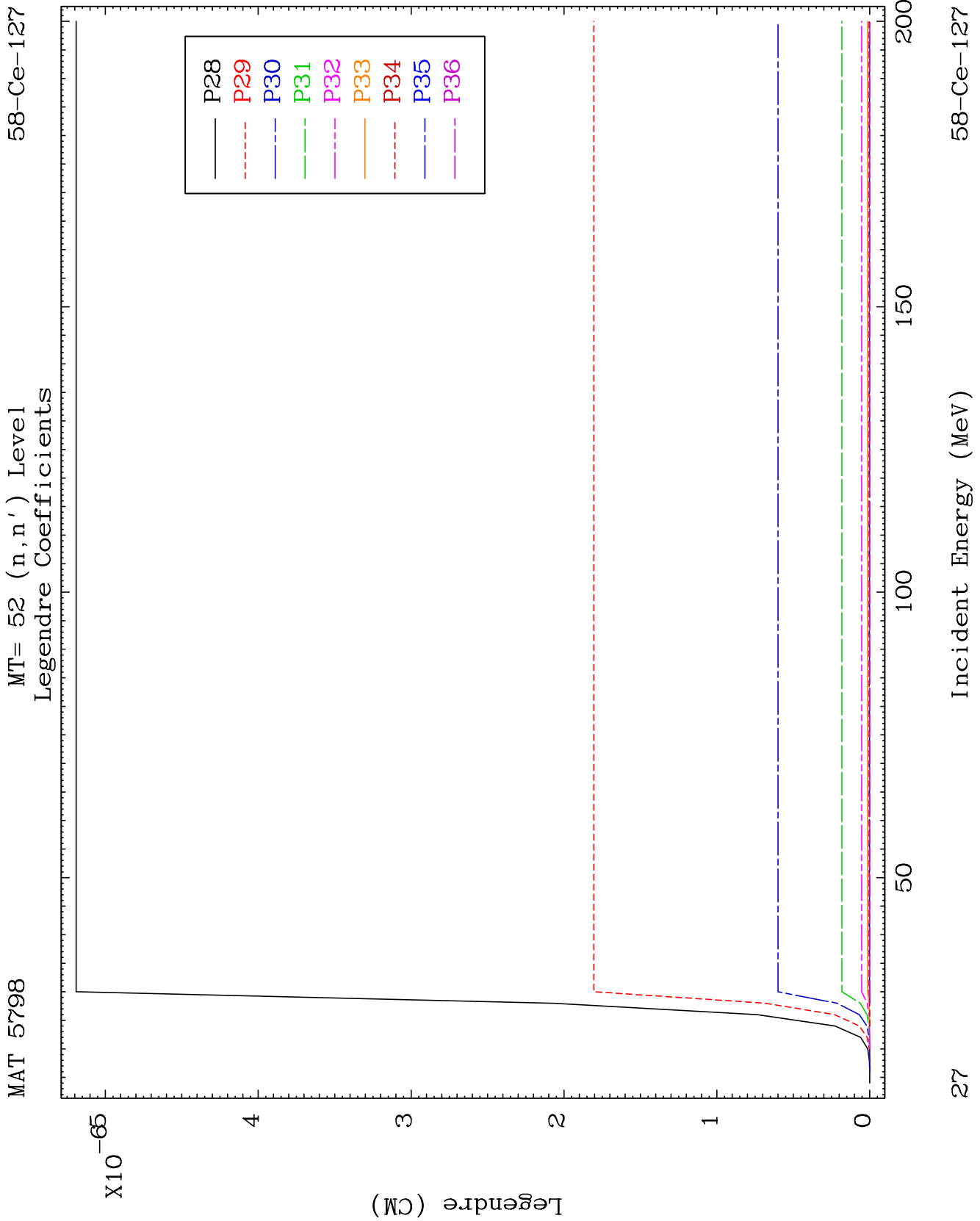


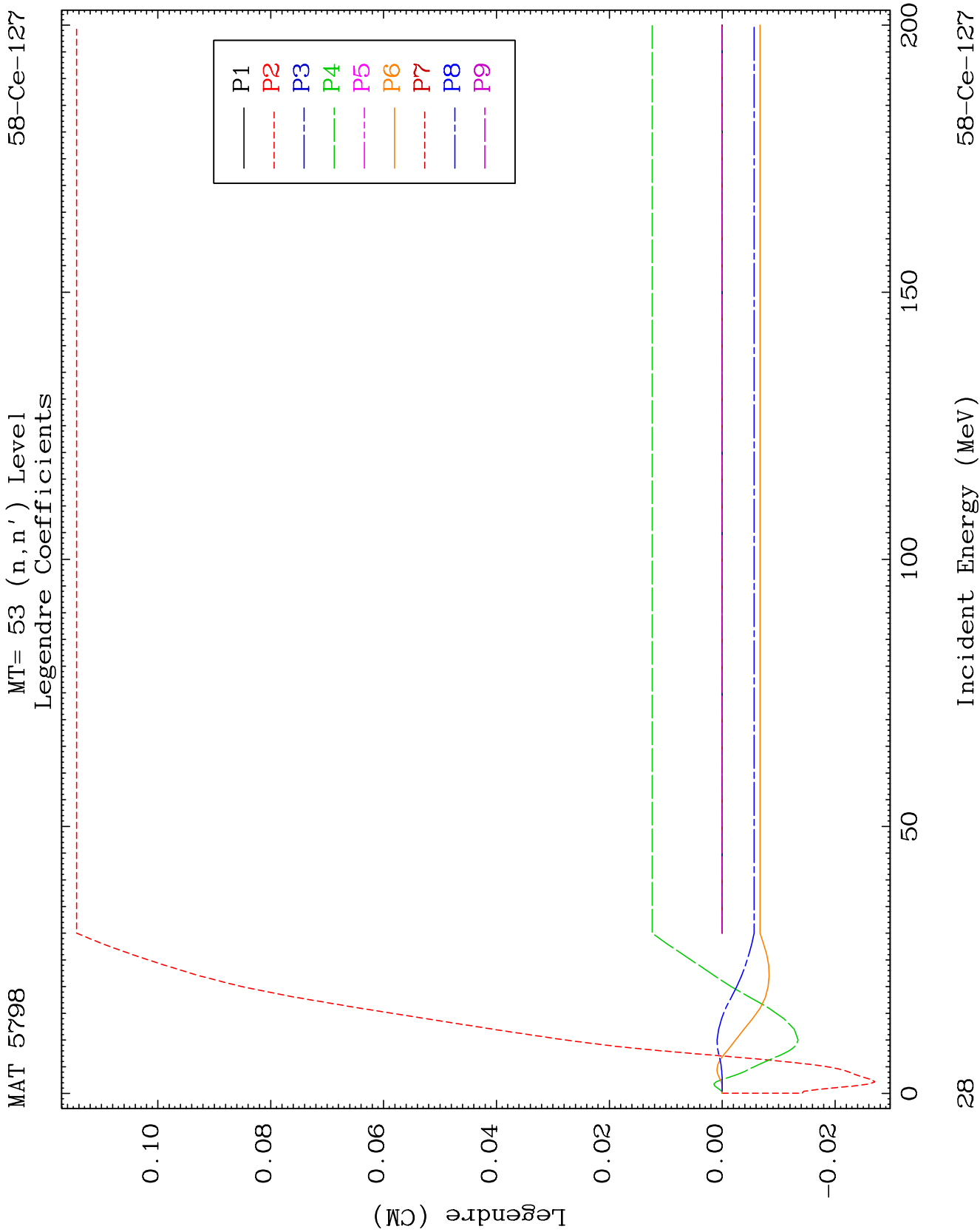
MAT 5798

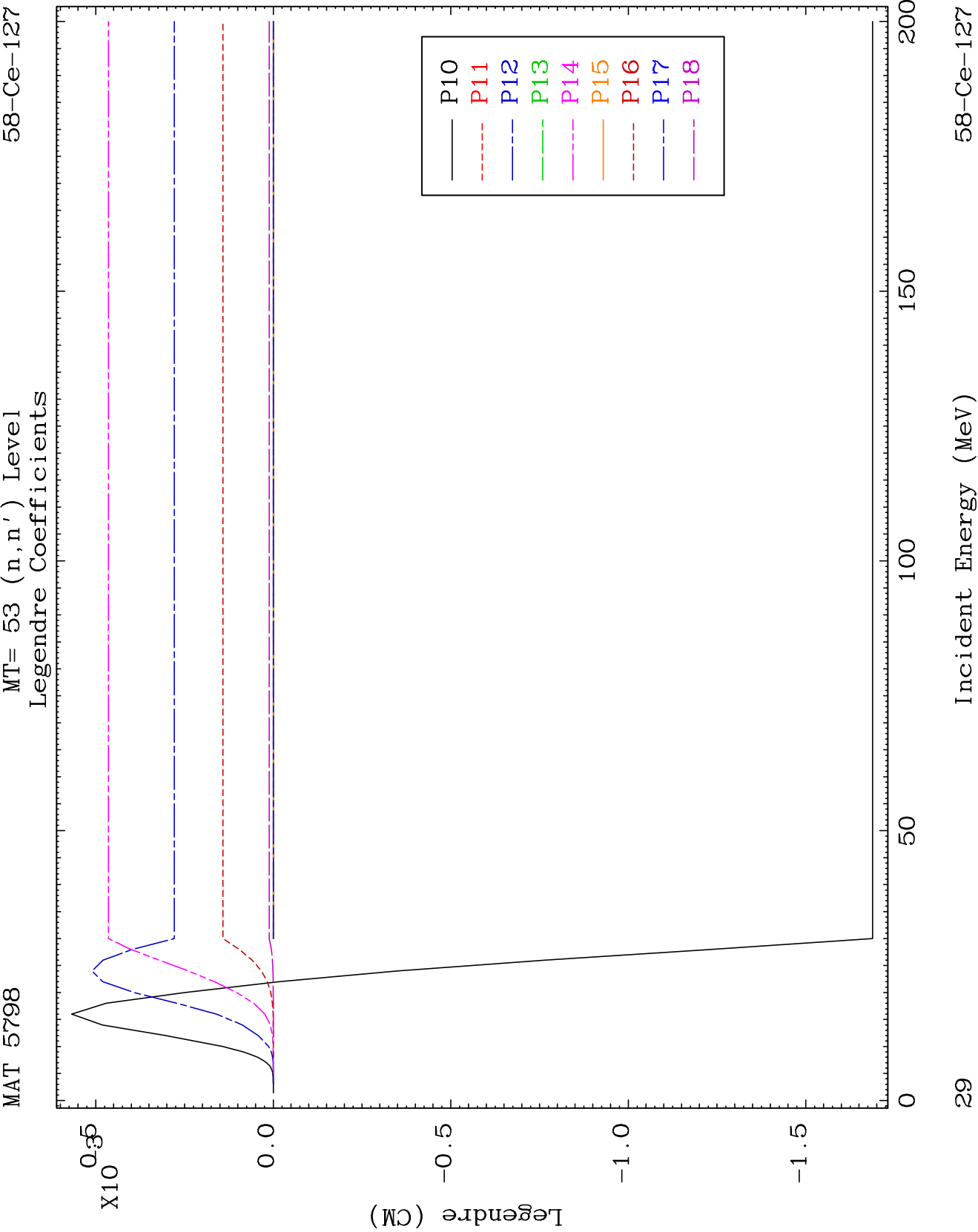
MT= 52 (n, n') Level
Legendre Coefficients

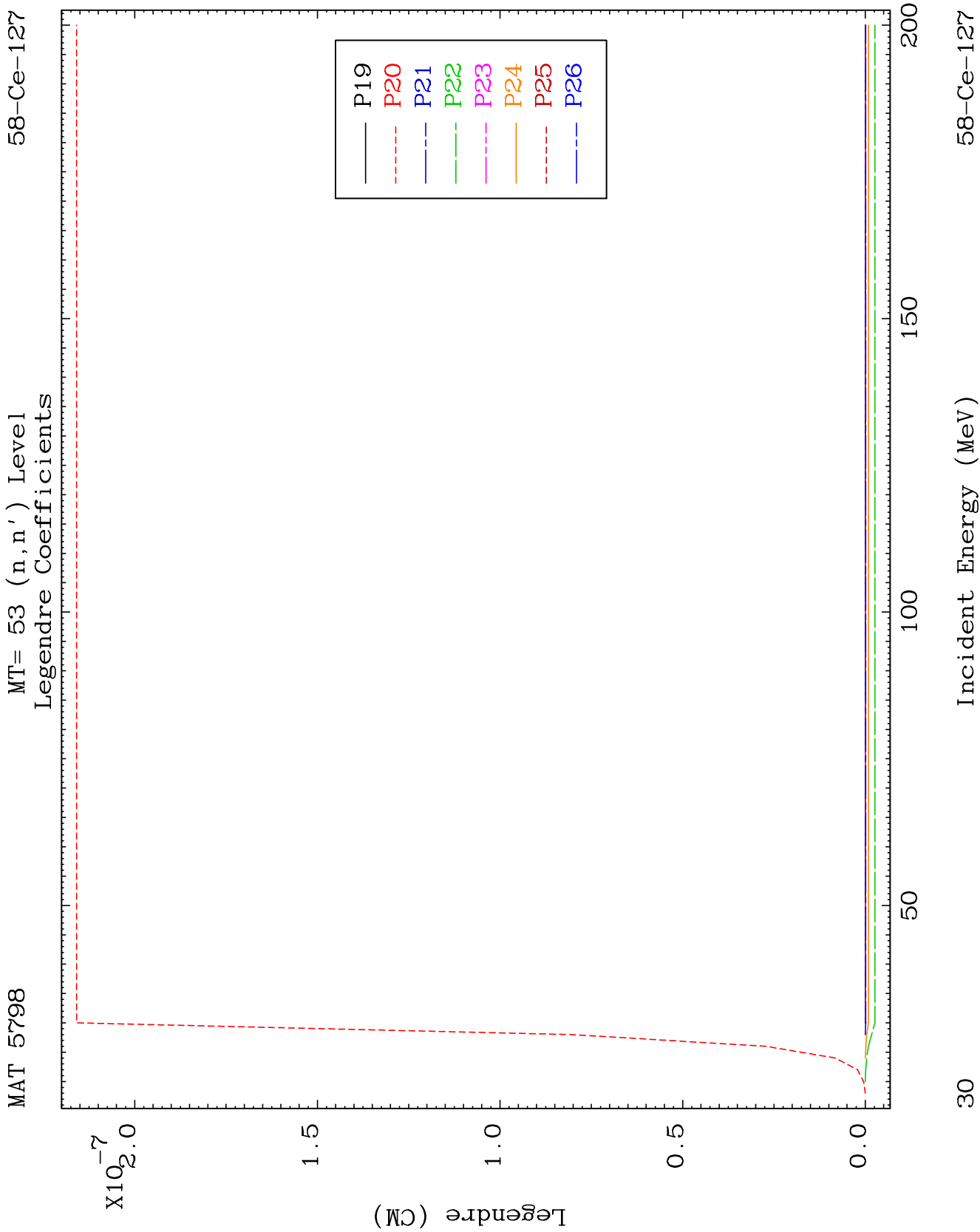
58-Ce-127







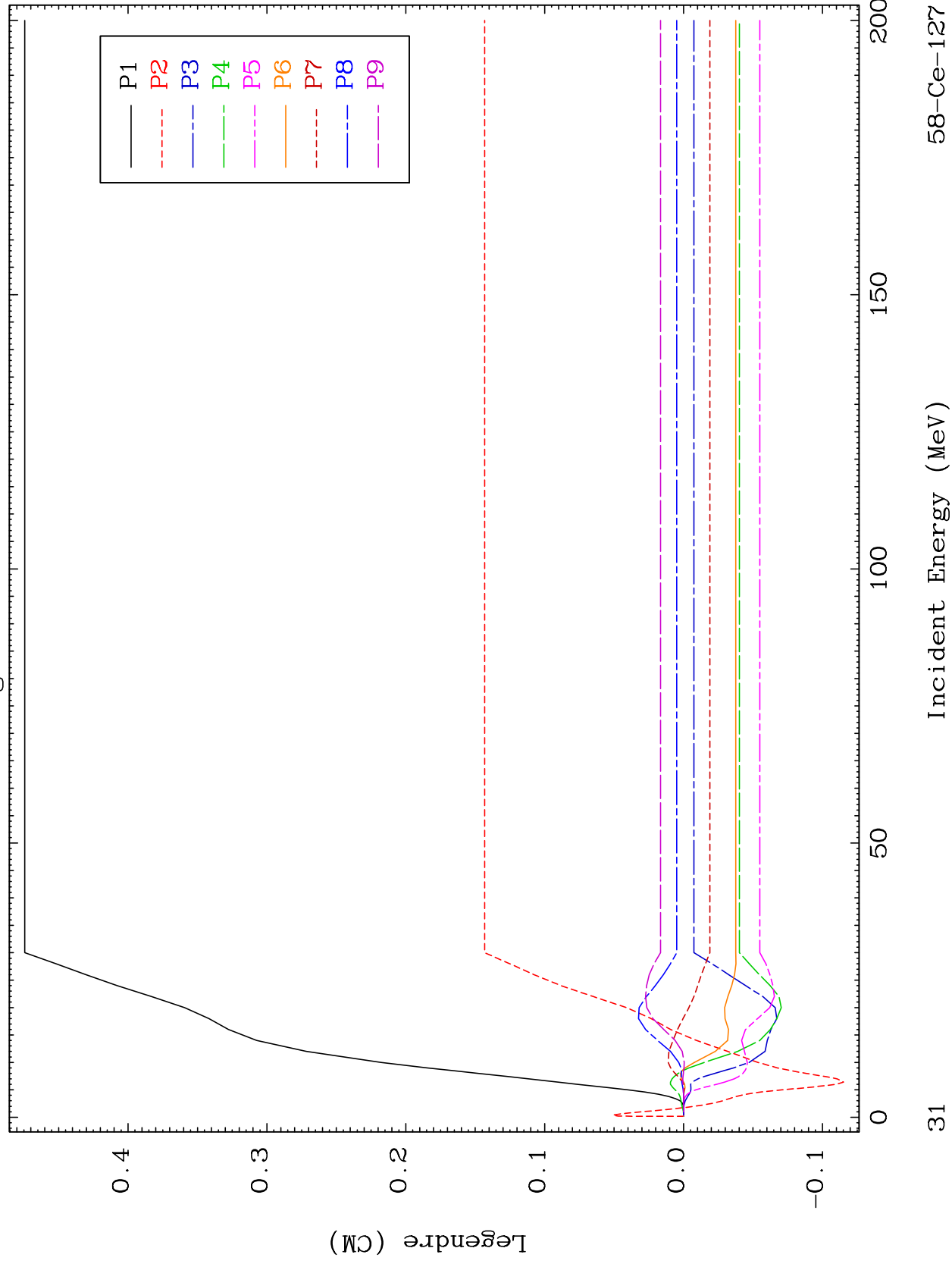


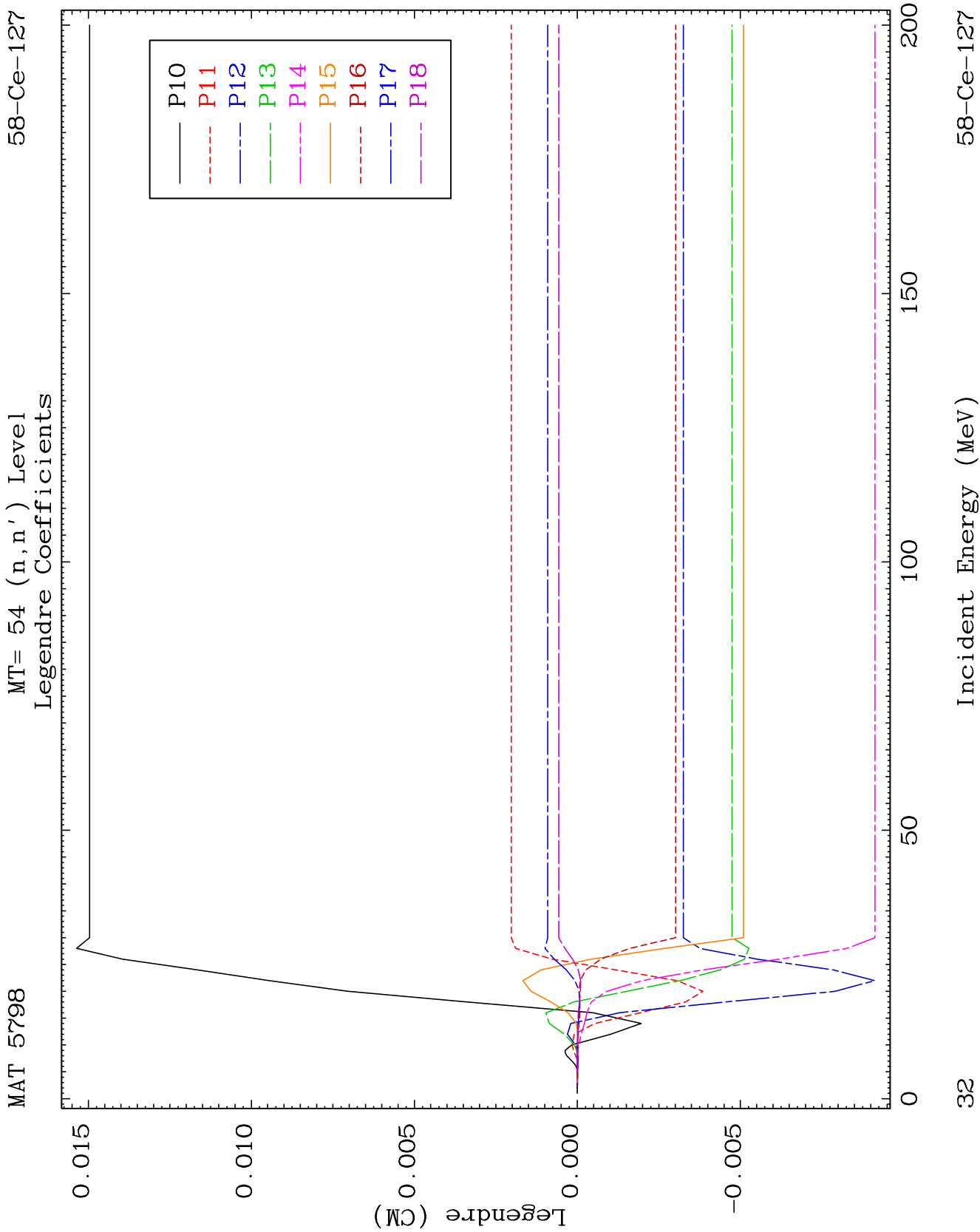


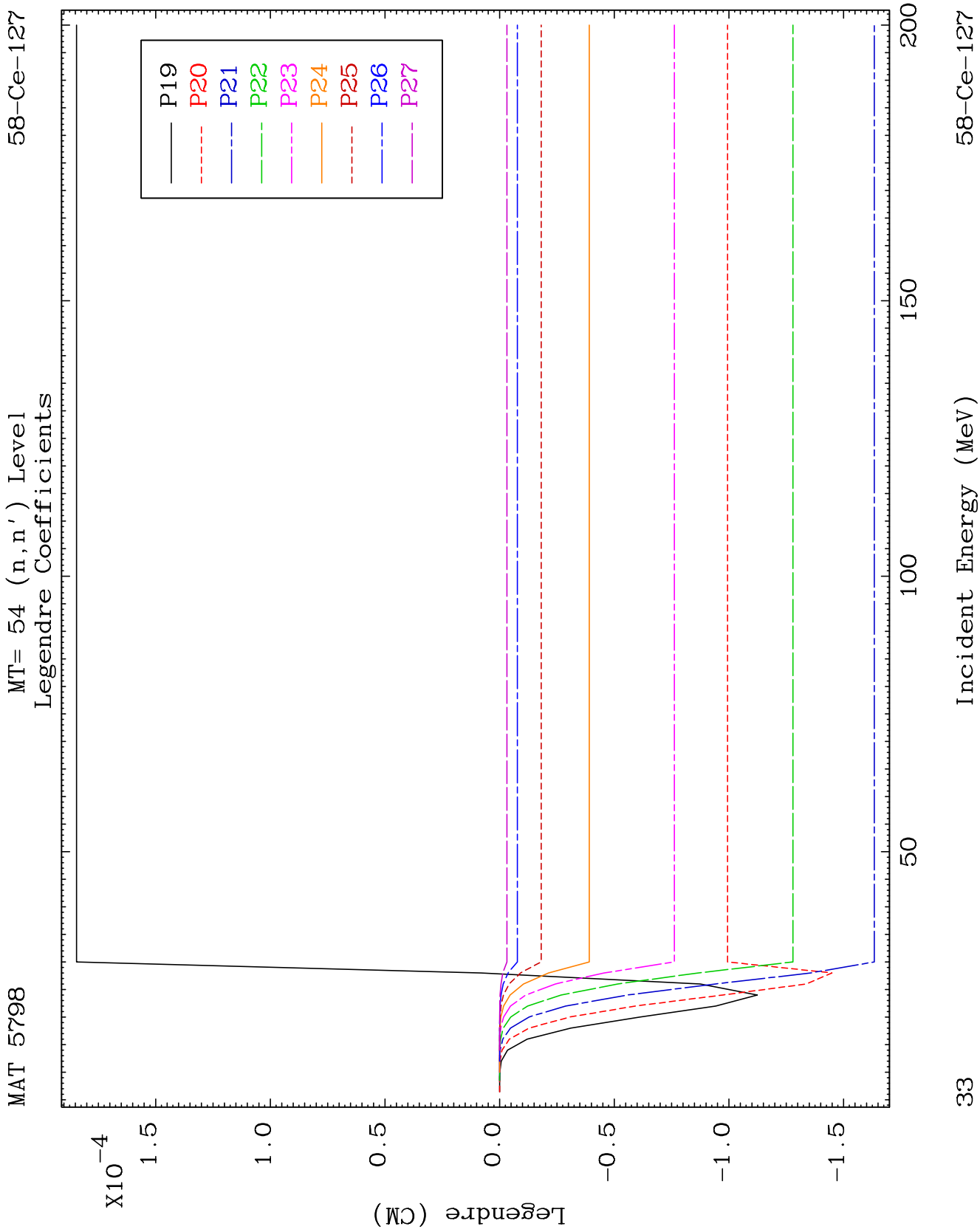
MAT 5798

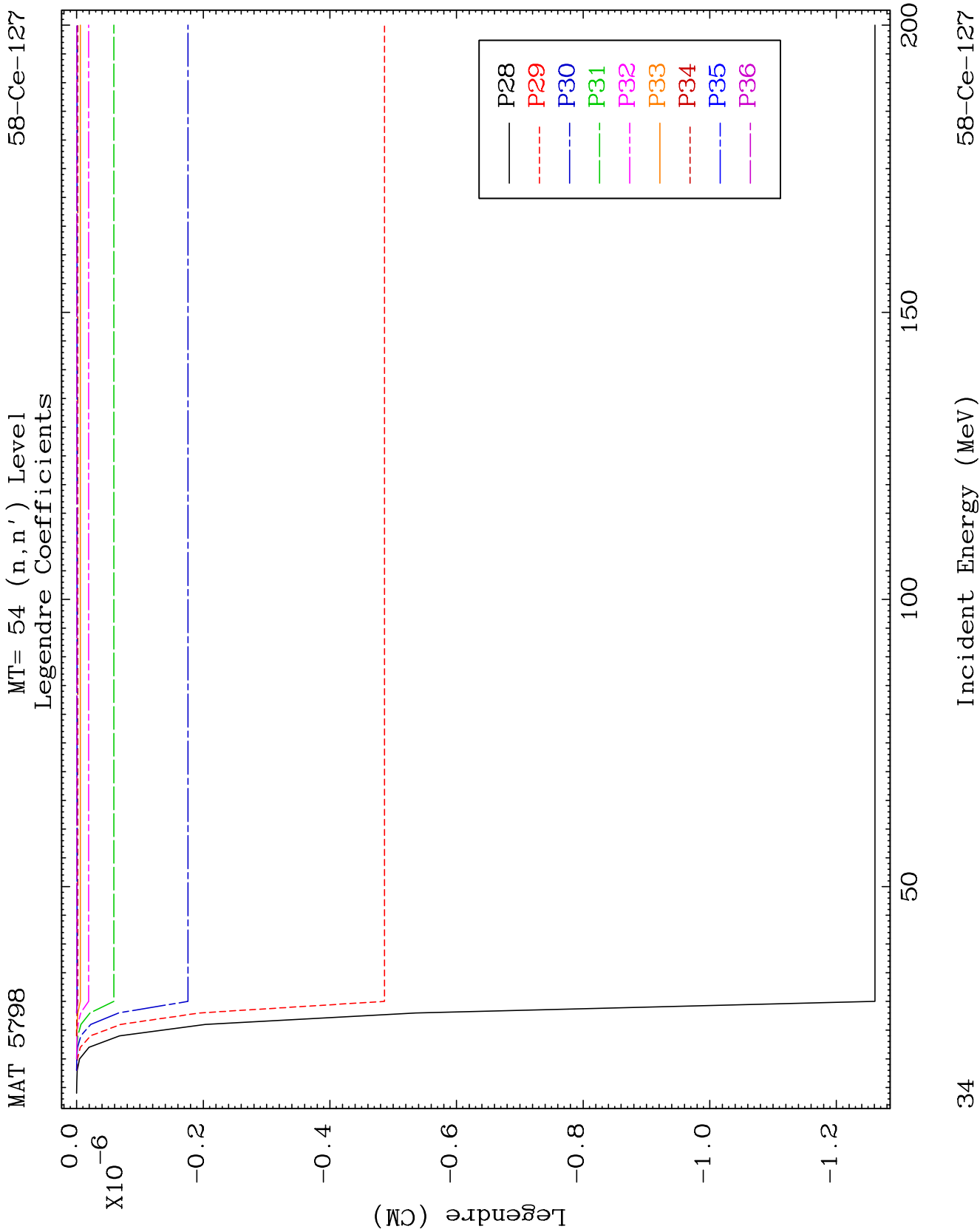
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Legendre Coefficients

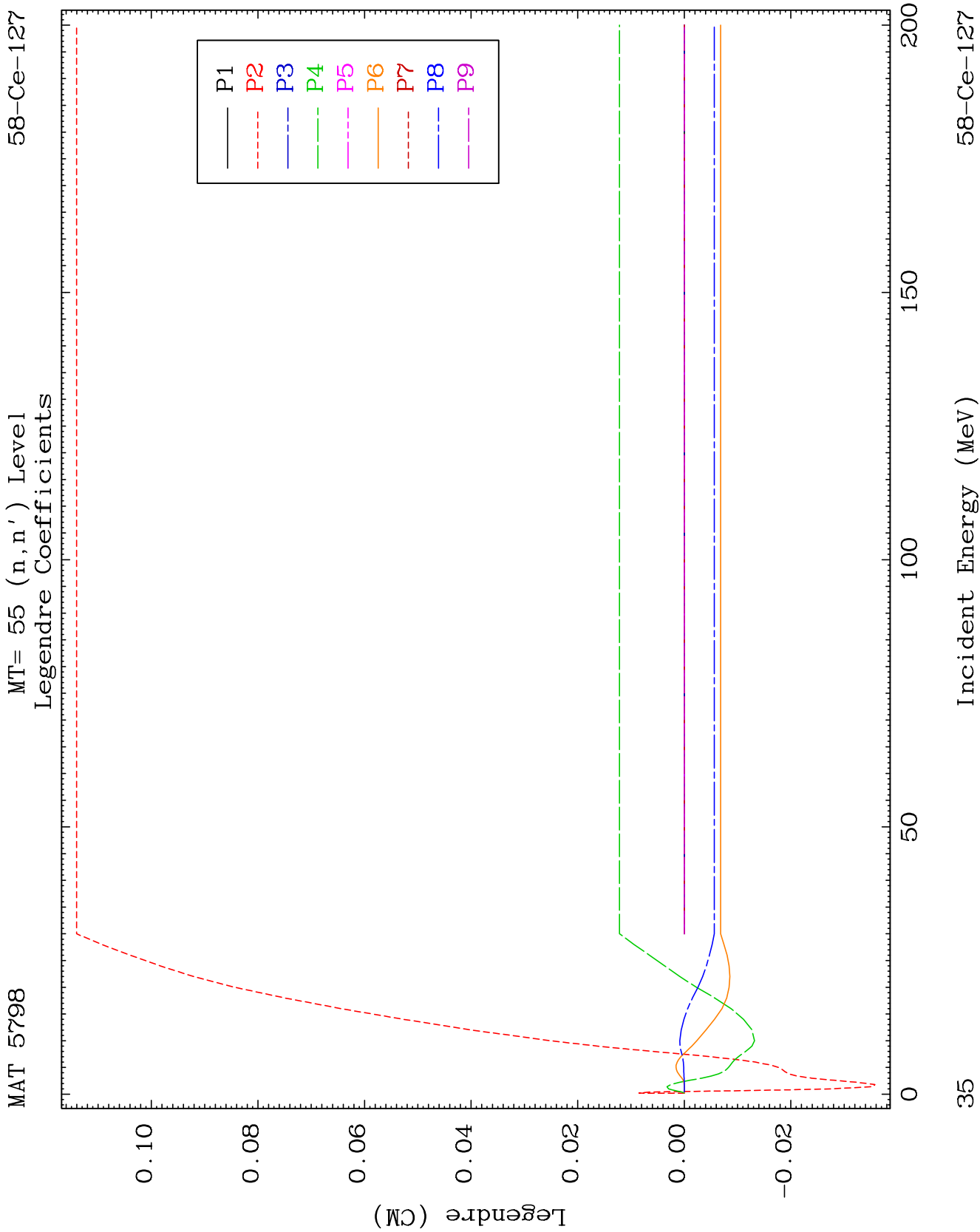
58-Ce-127

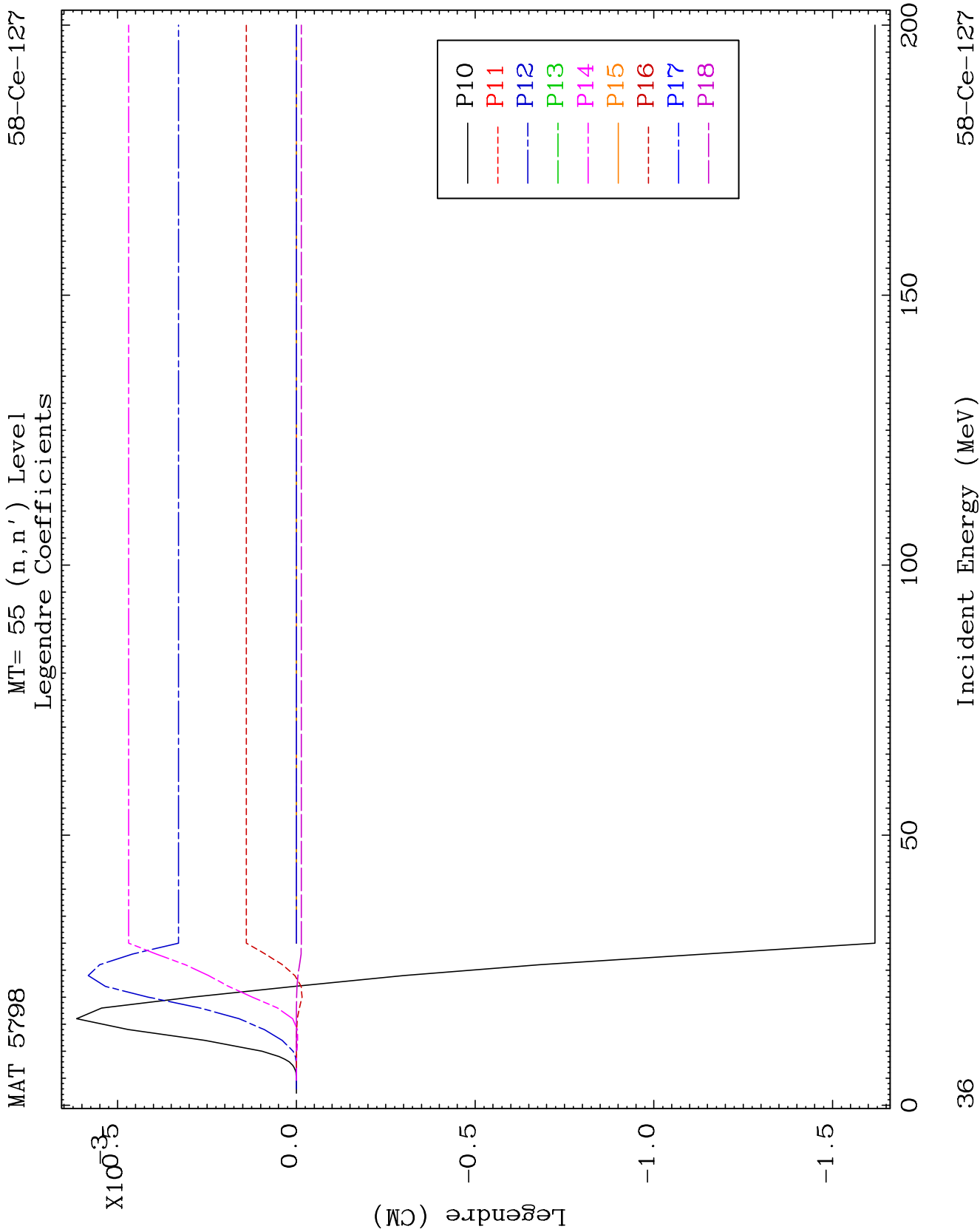


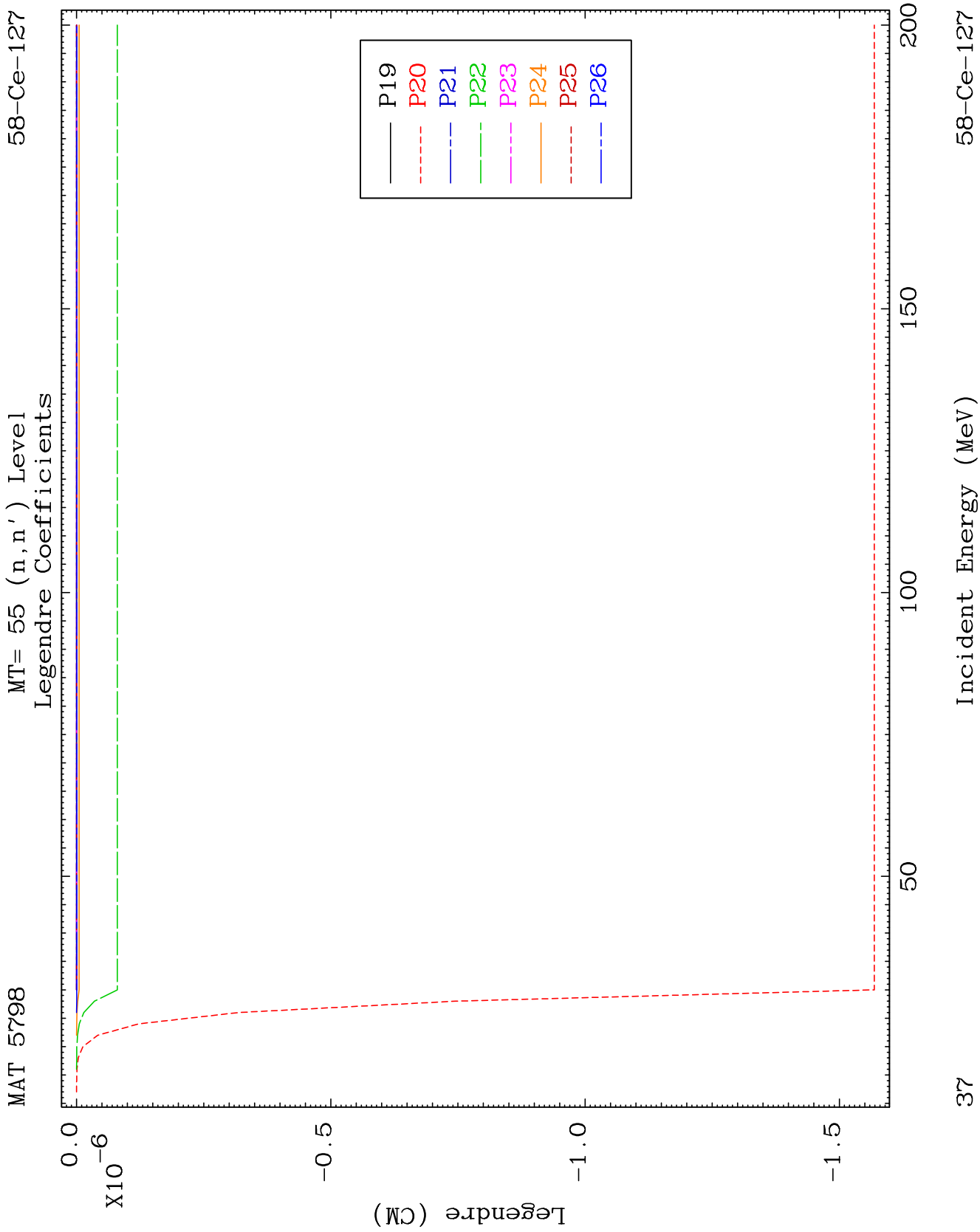


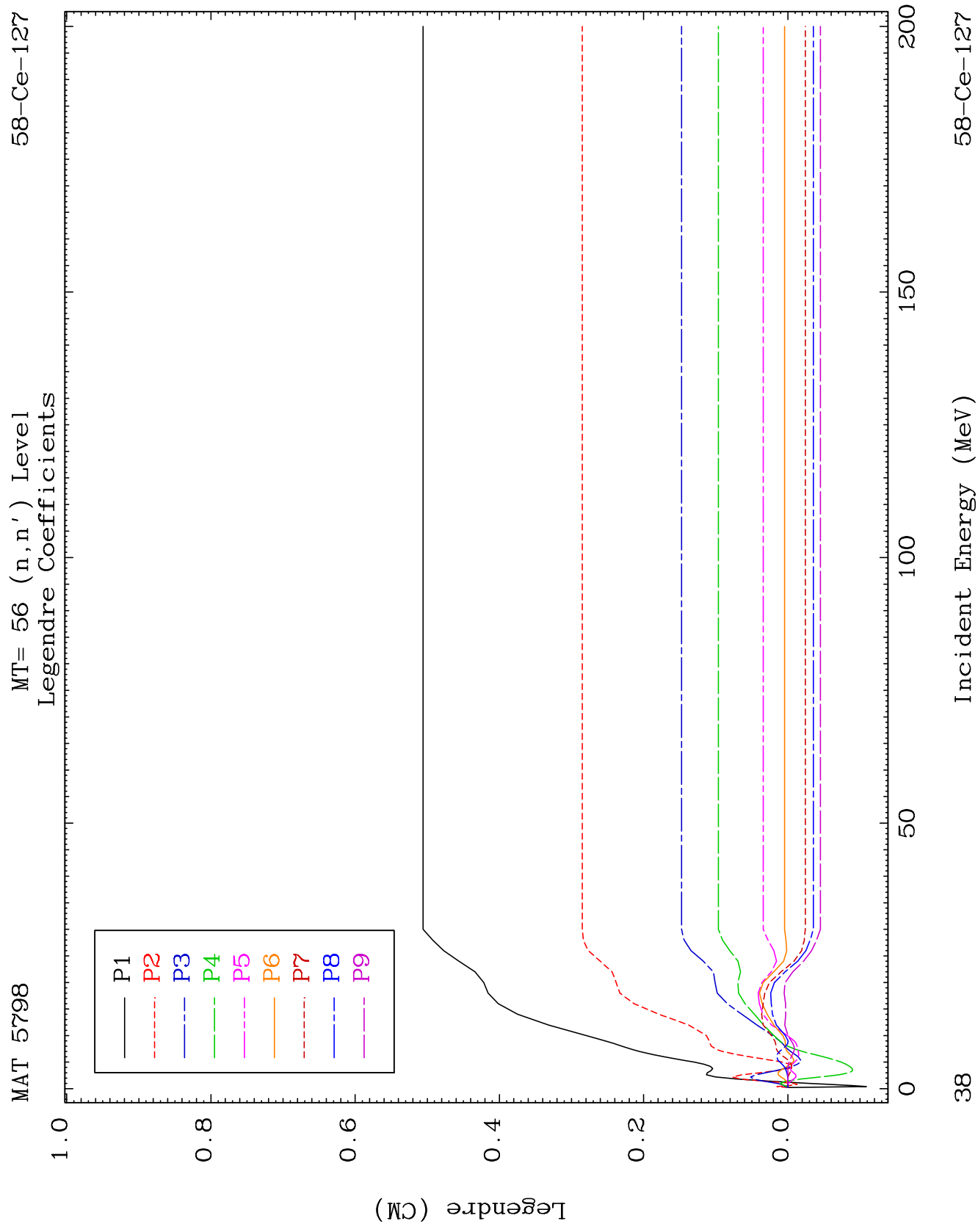








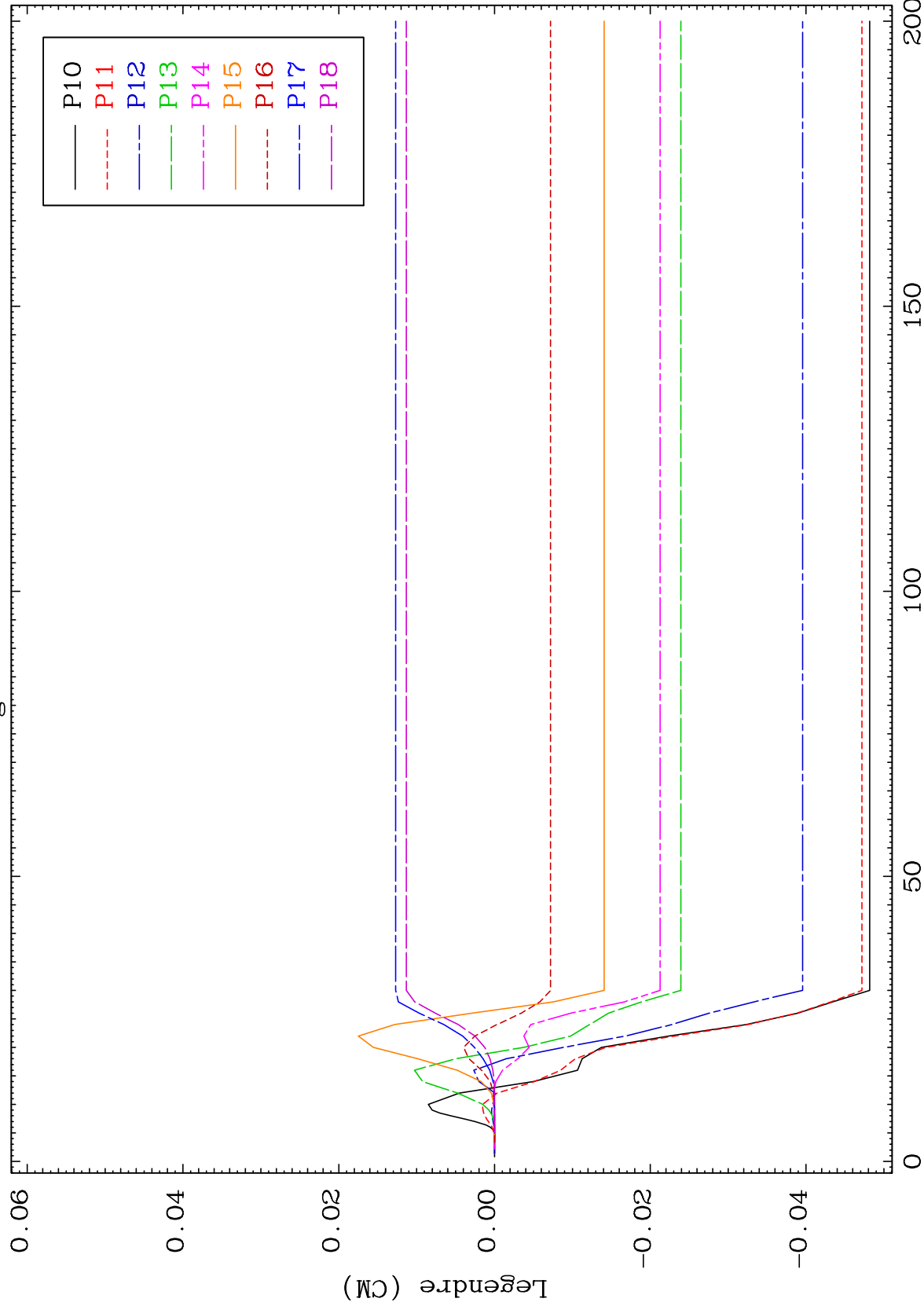




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MT= 56 (n, n') Level
Legendre Coefficients

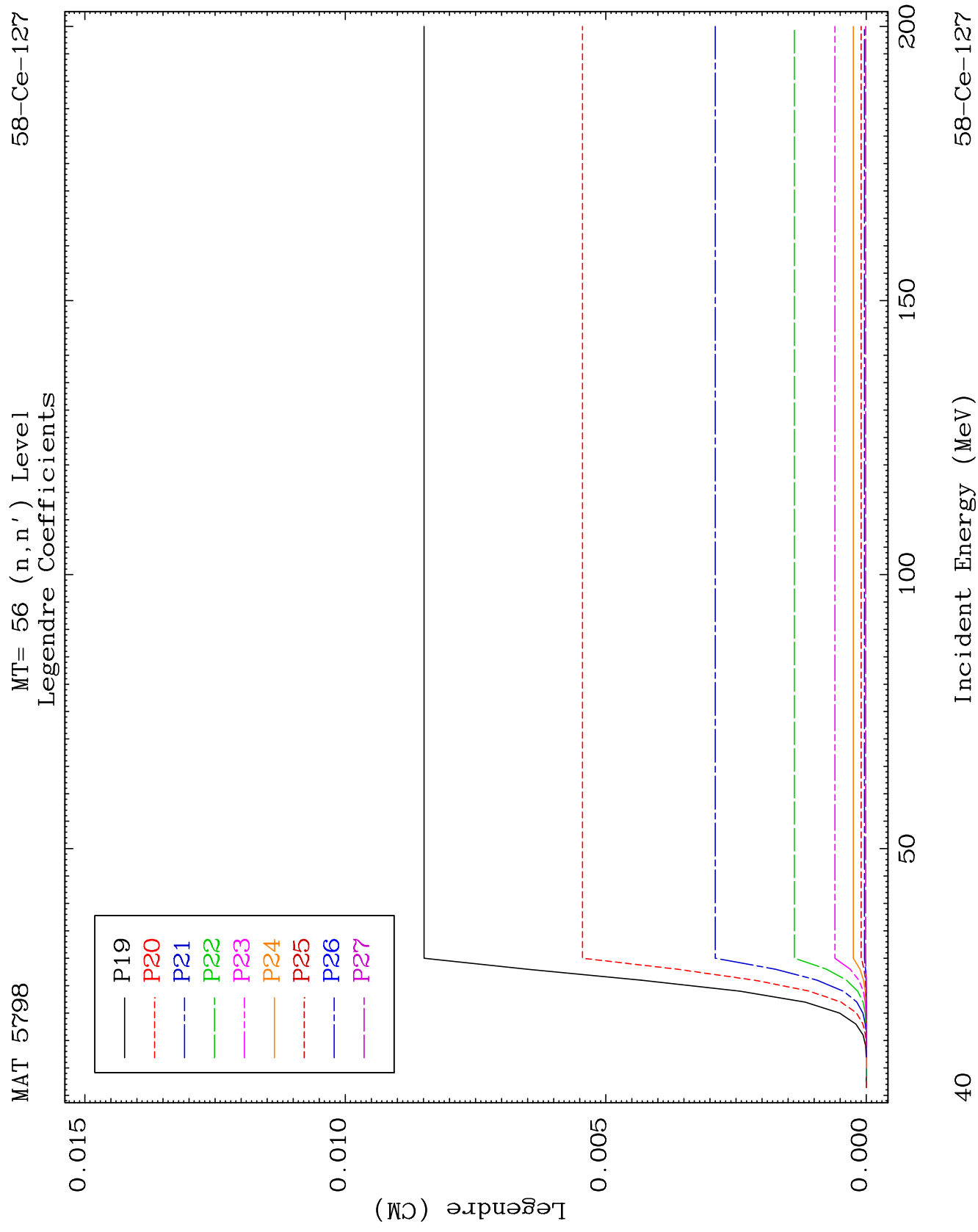
58-Ce-127

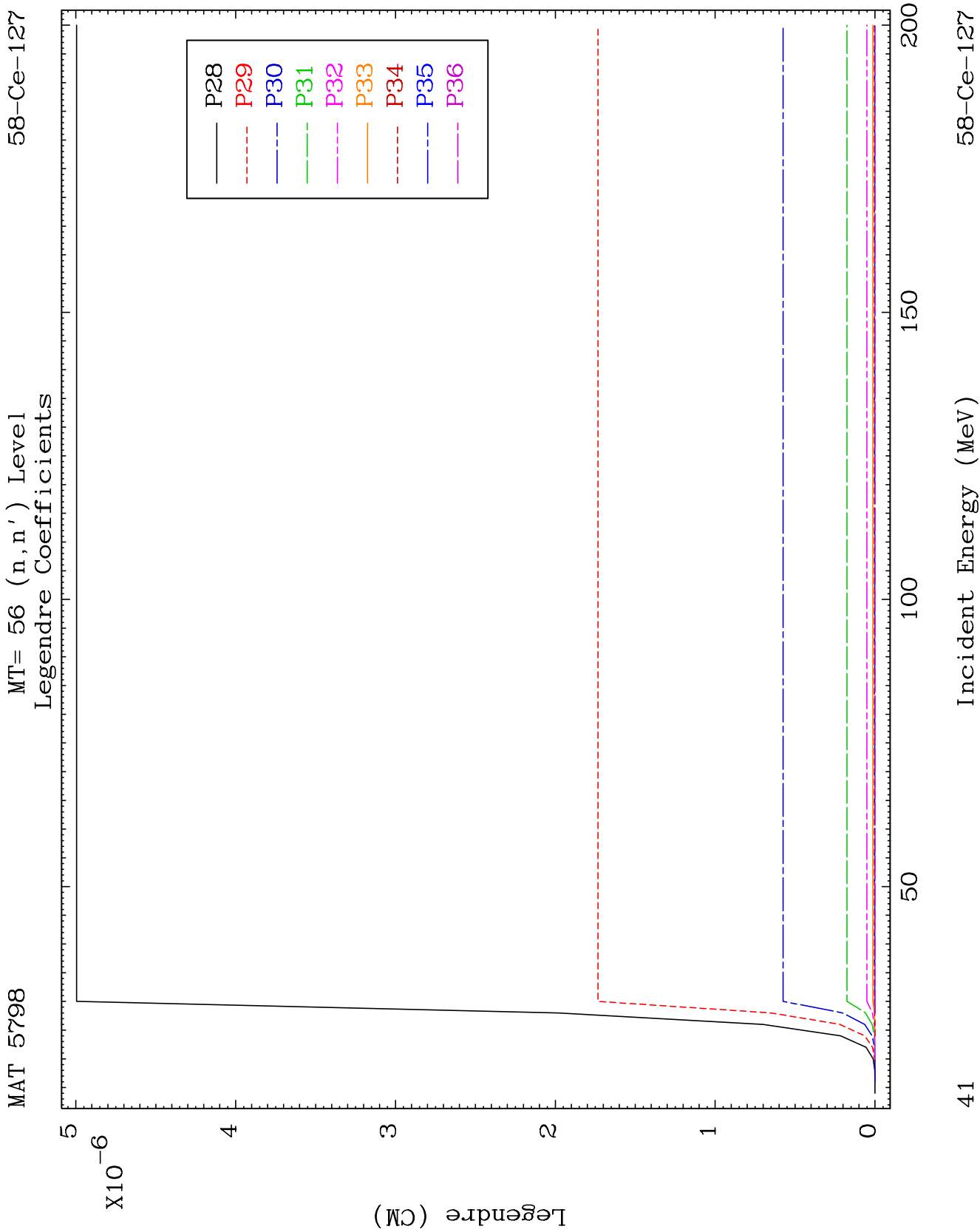


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Incident Energy (MeV)

58-Ce-127

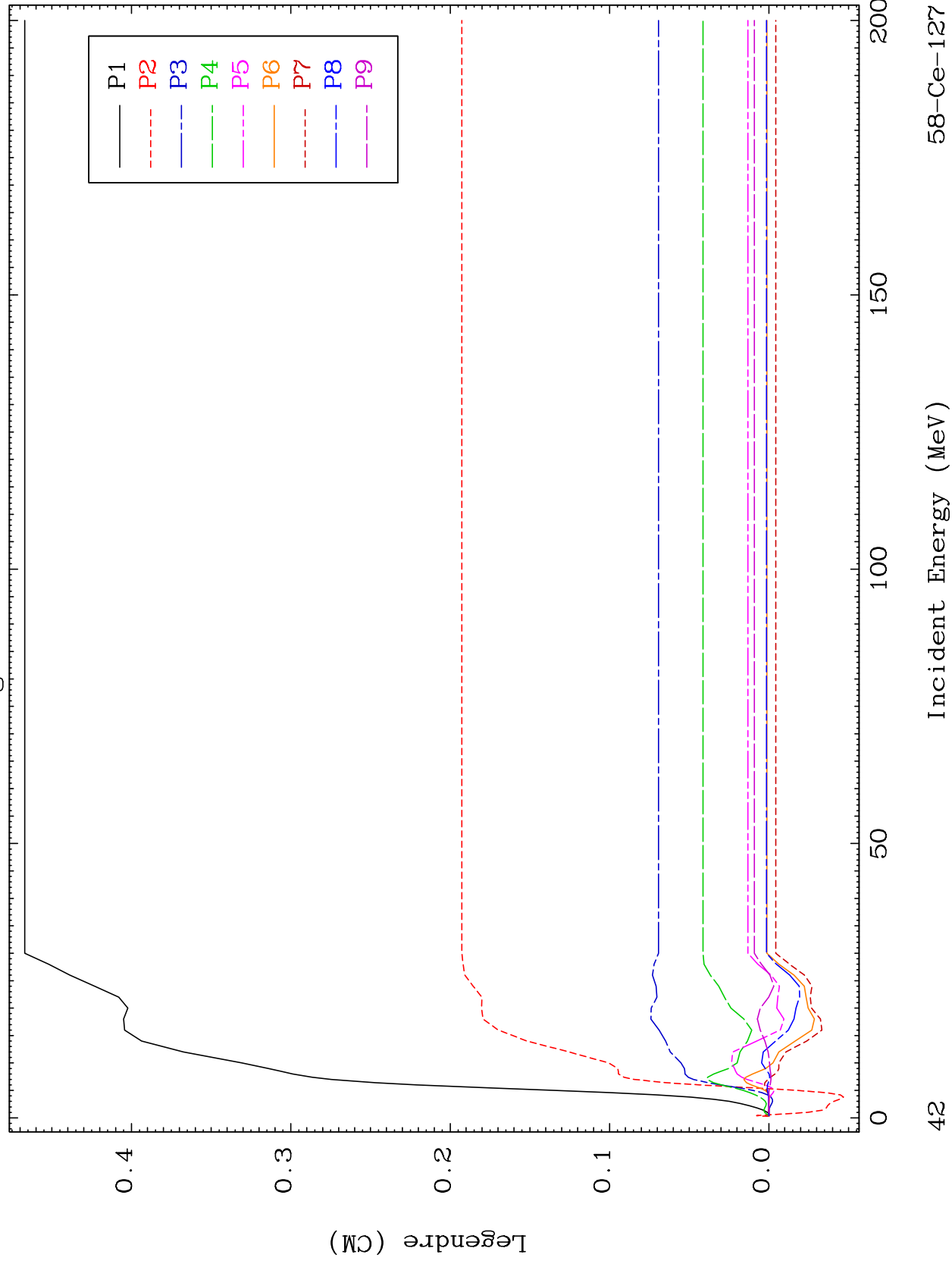


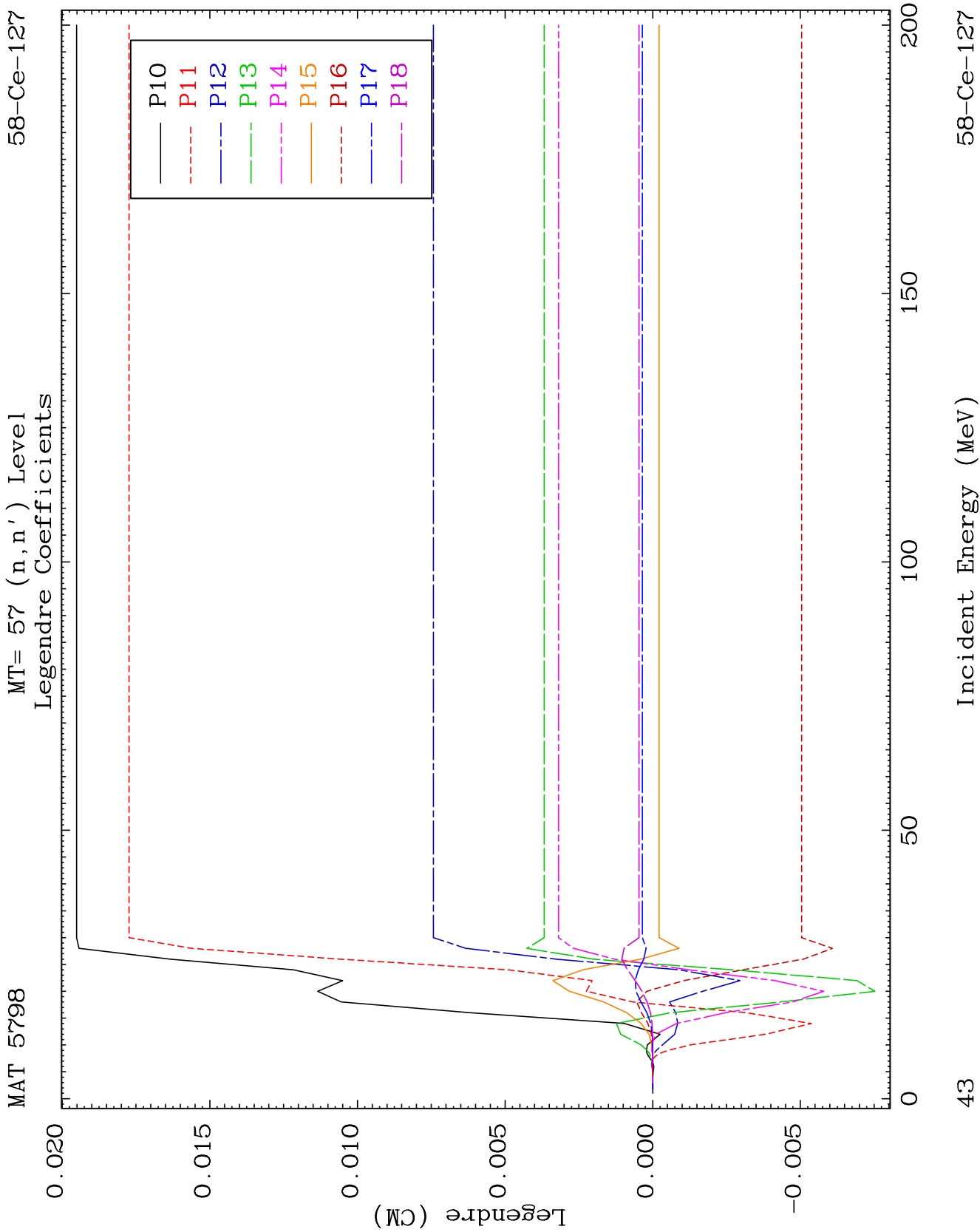


MAT 5798

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

58-Ce-127

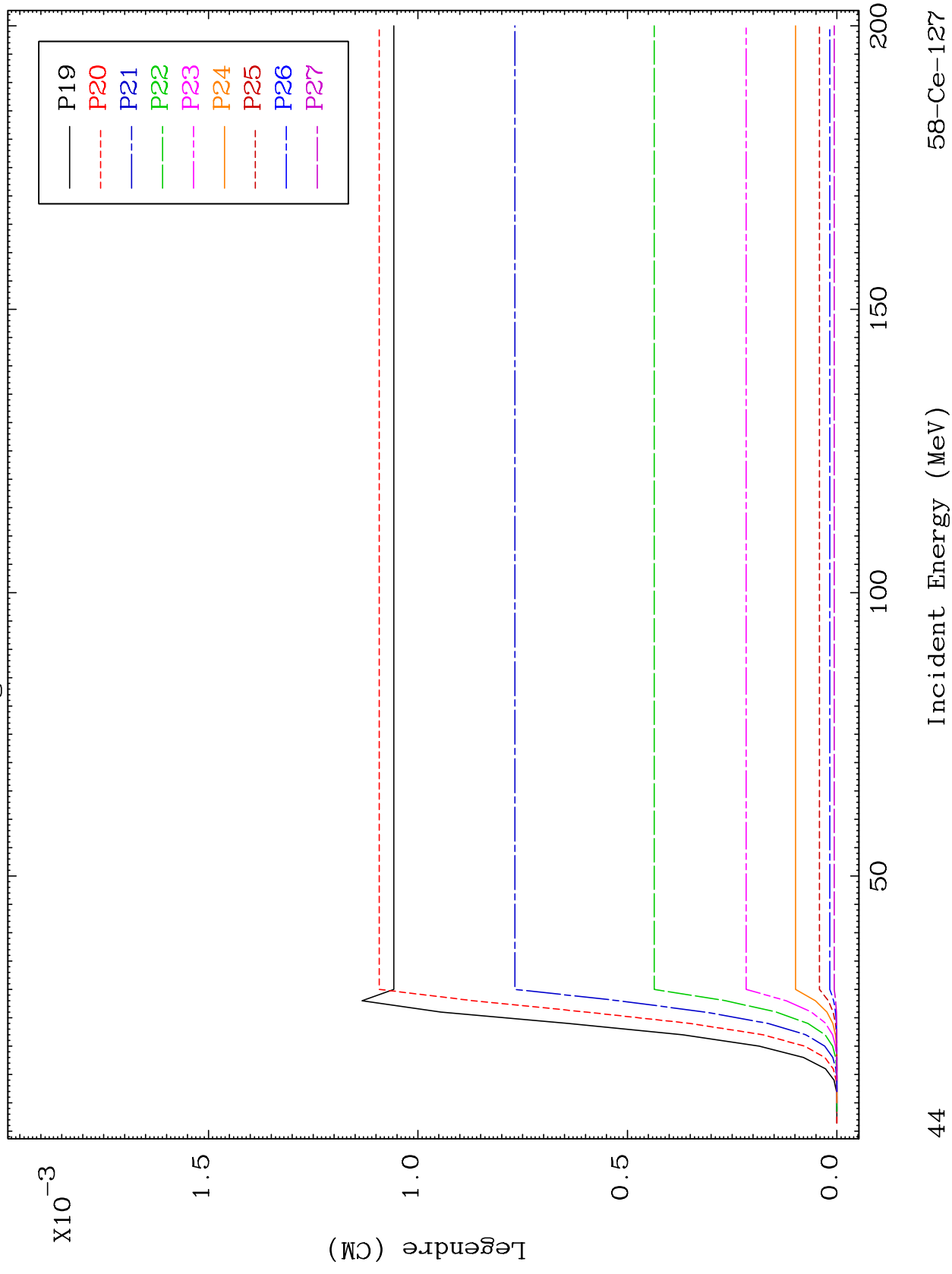




MAT 5798

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

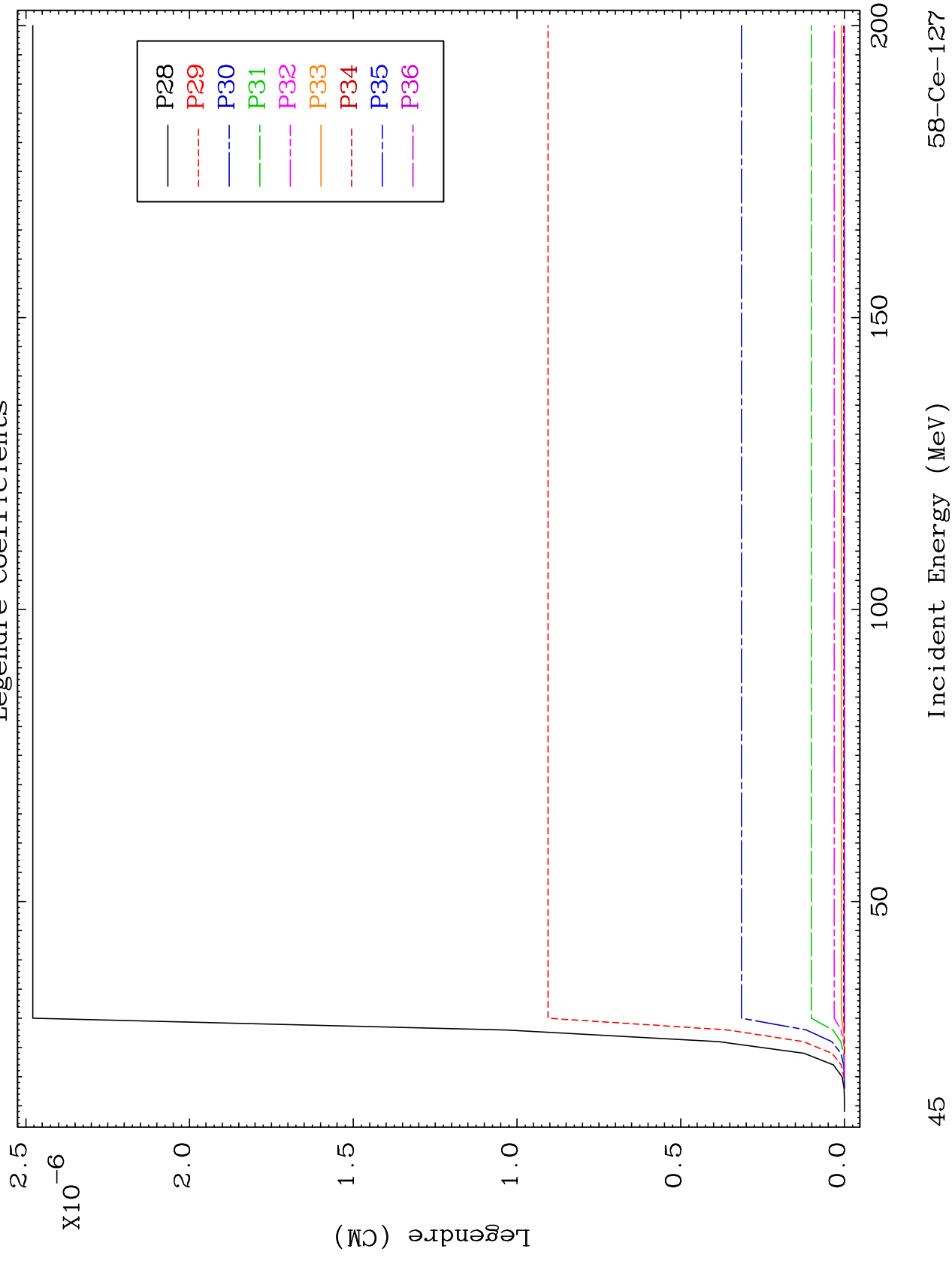
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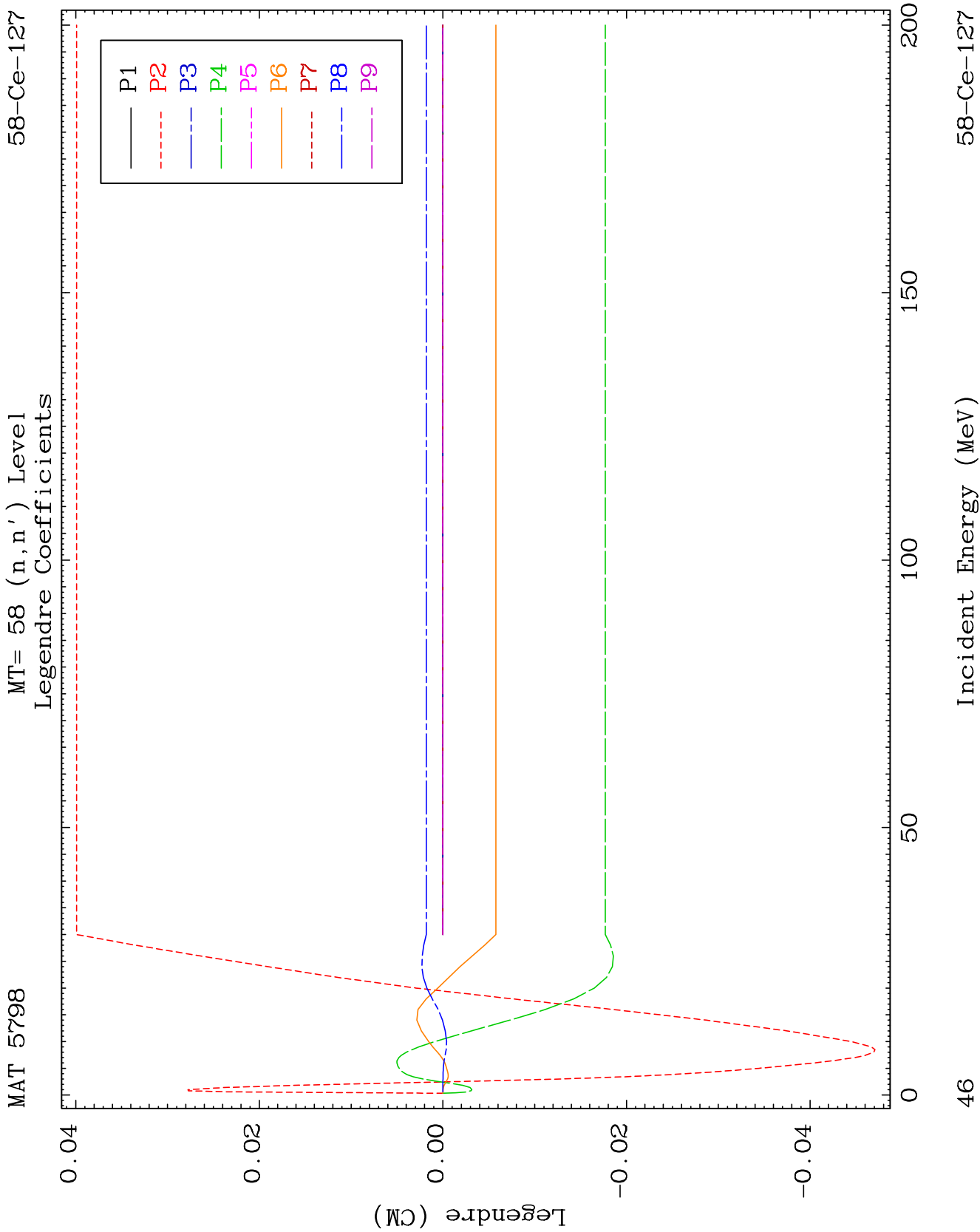


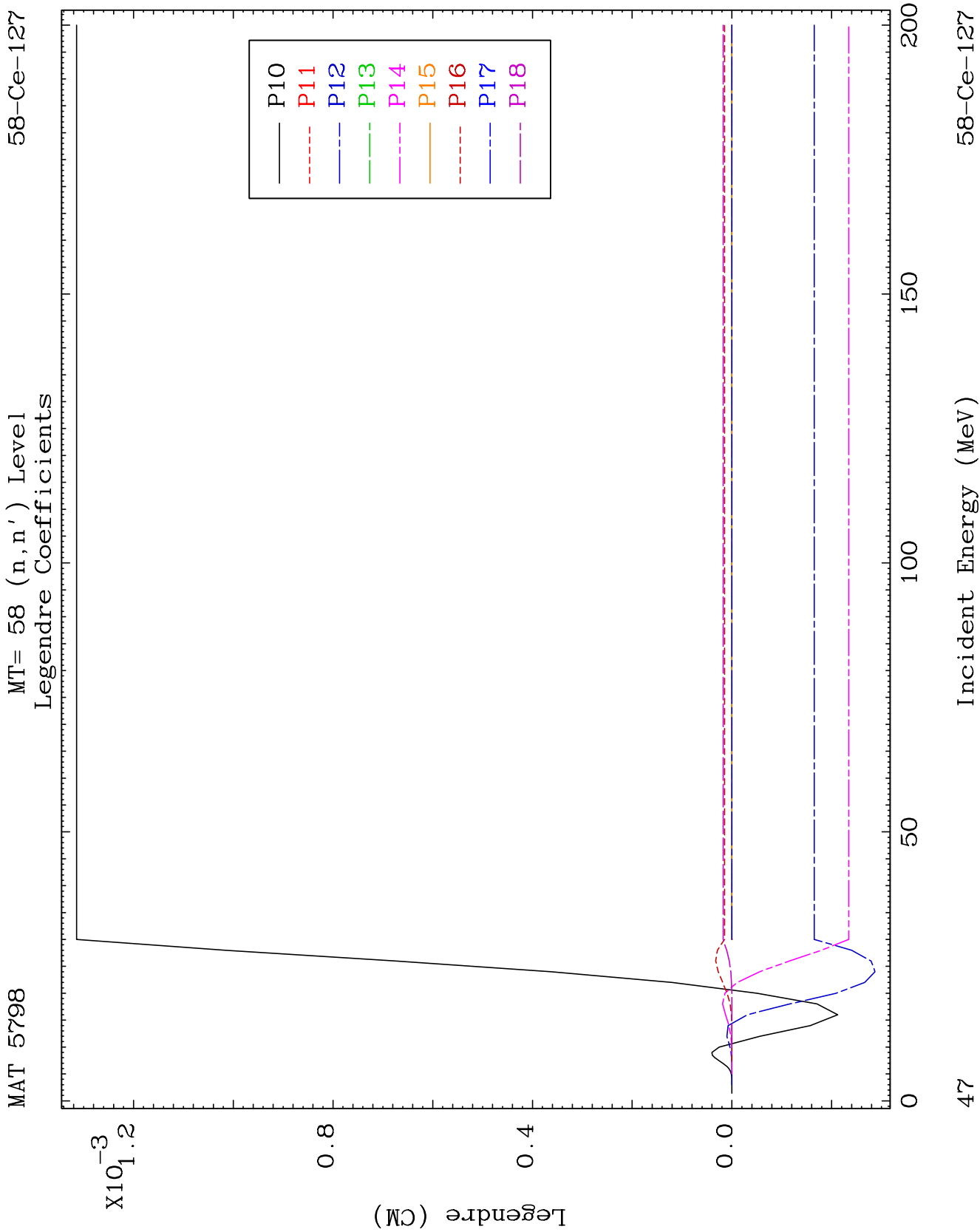
MAT 5798

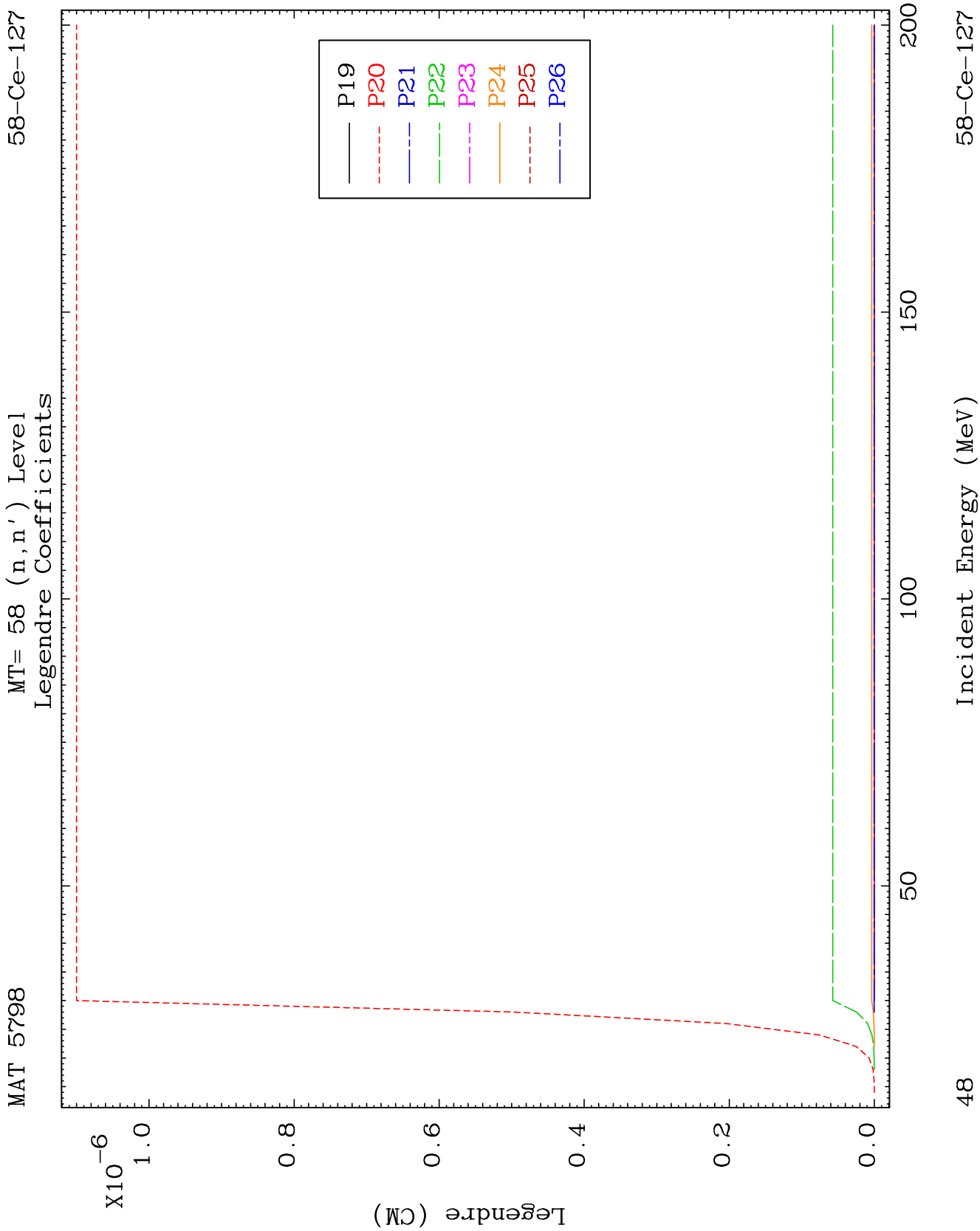
MT= 57 (n, n') Level
Legendre Coefficients

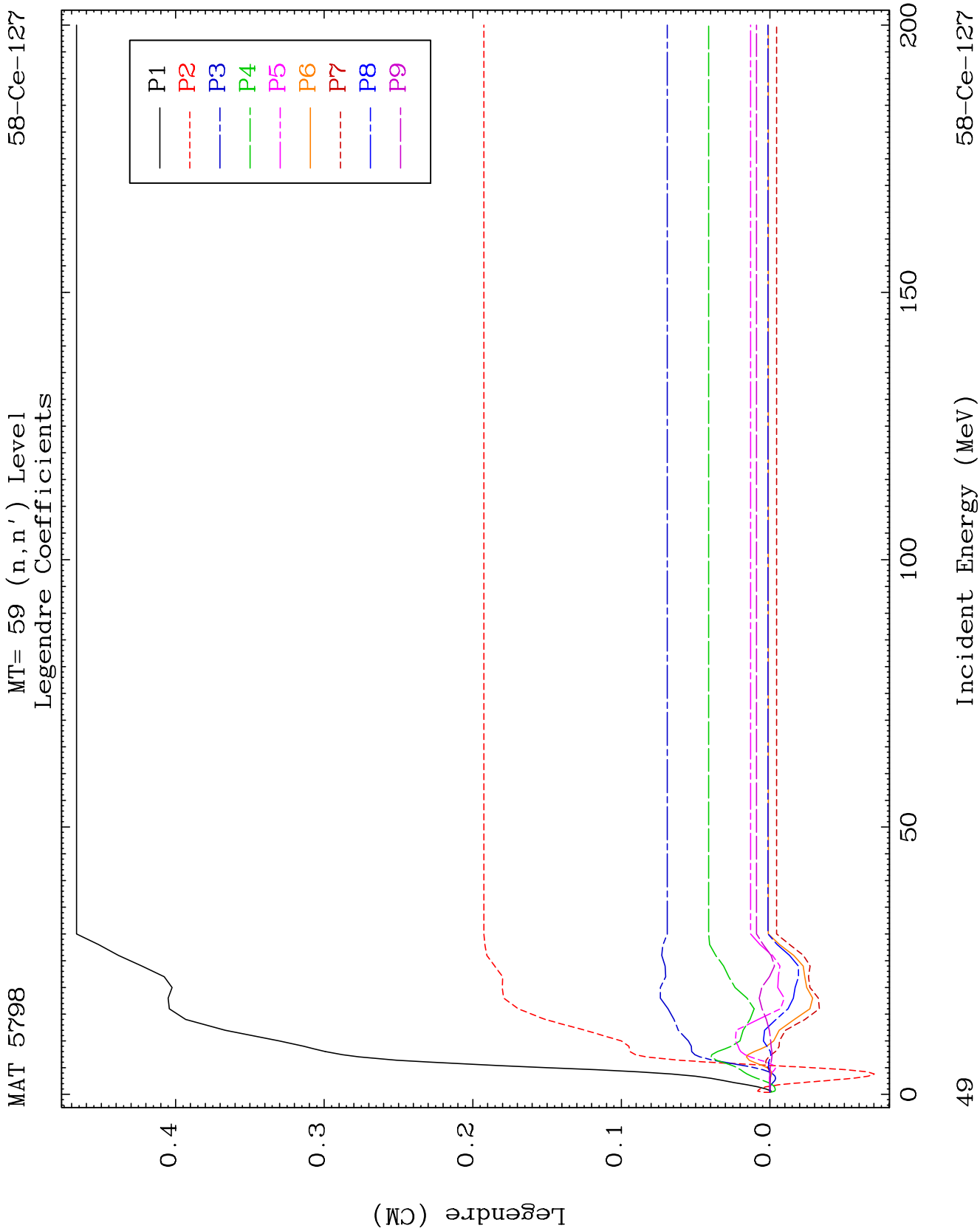
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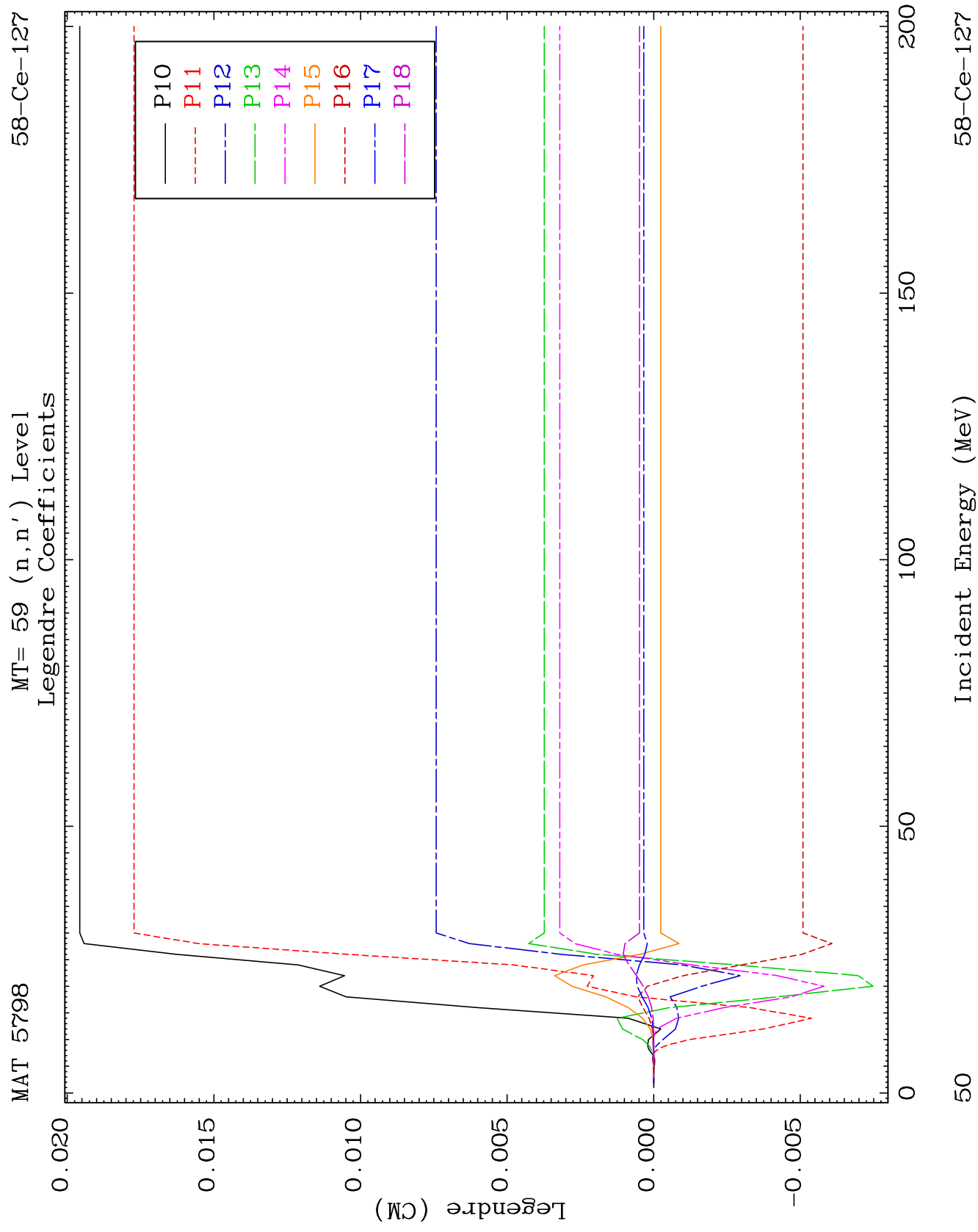


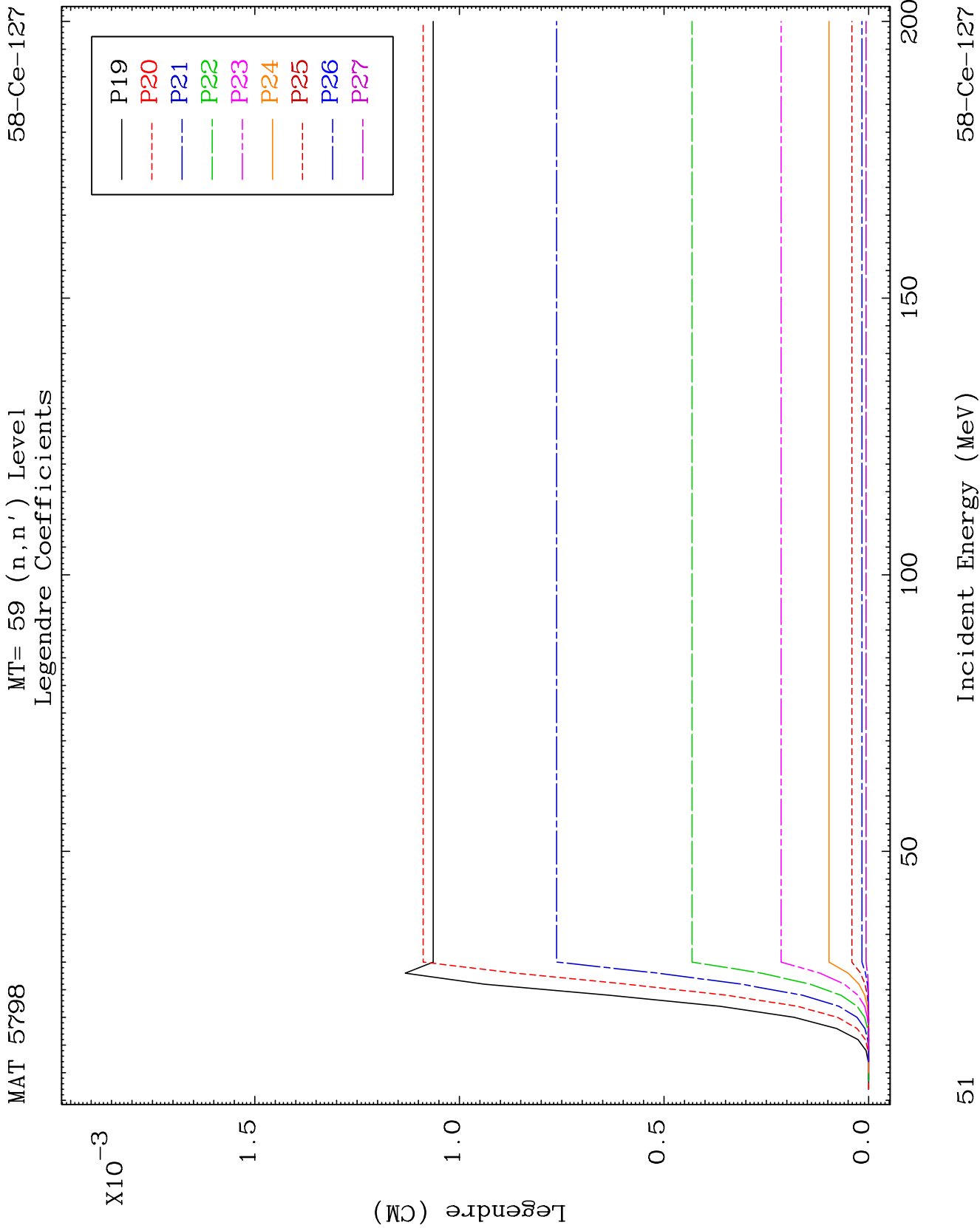


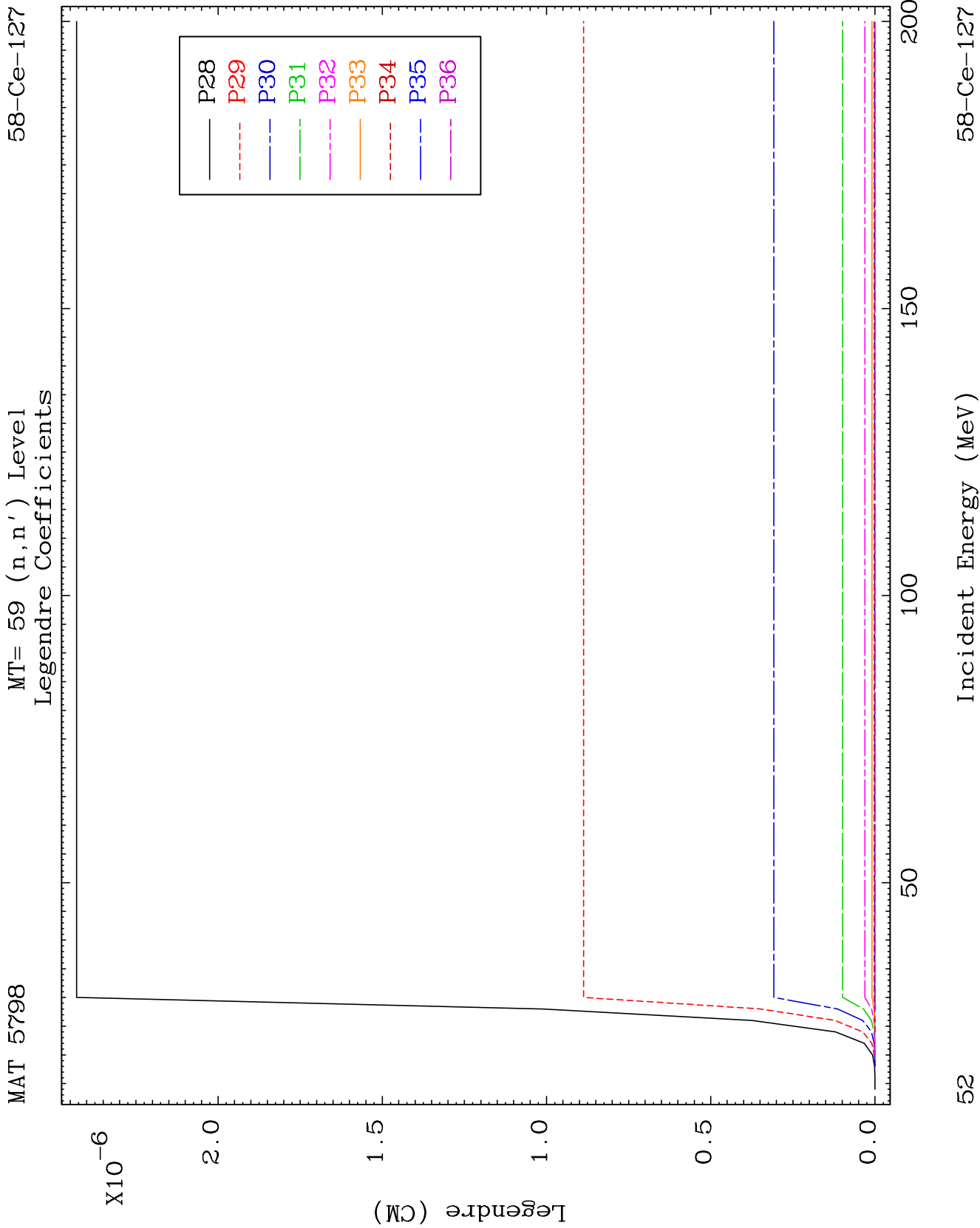


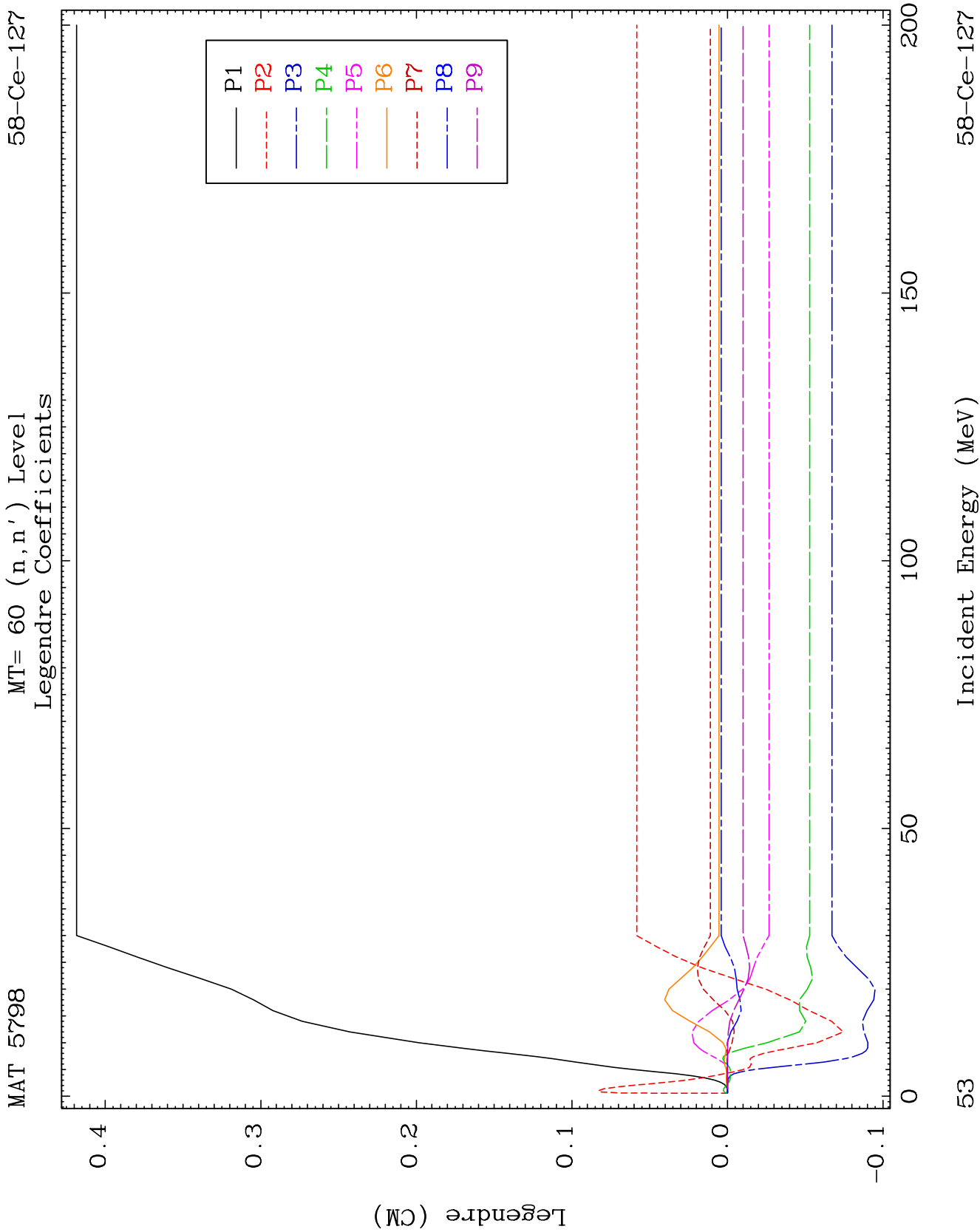


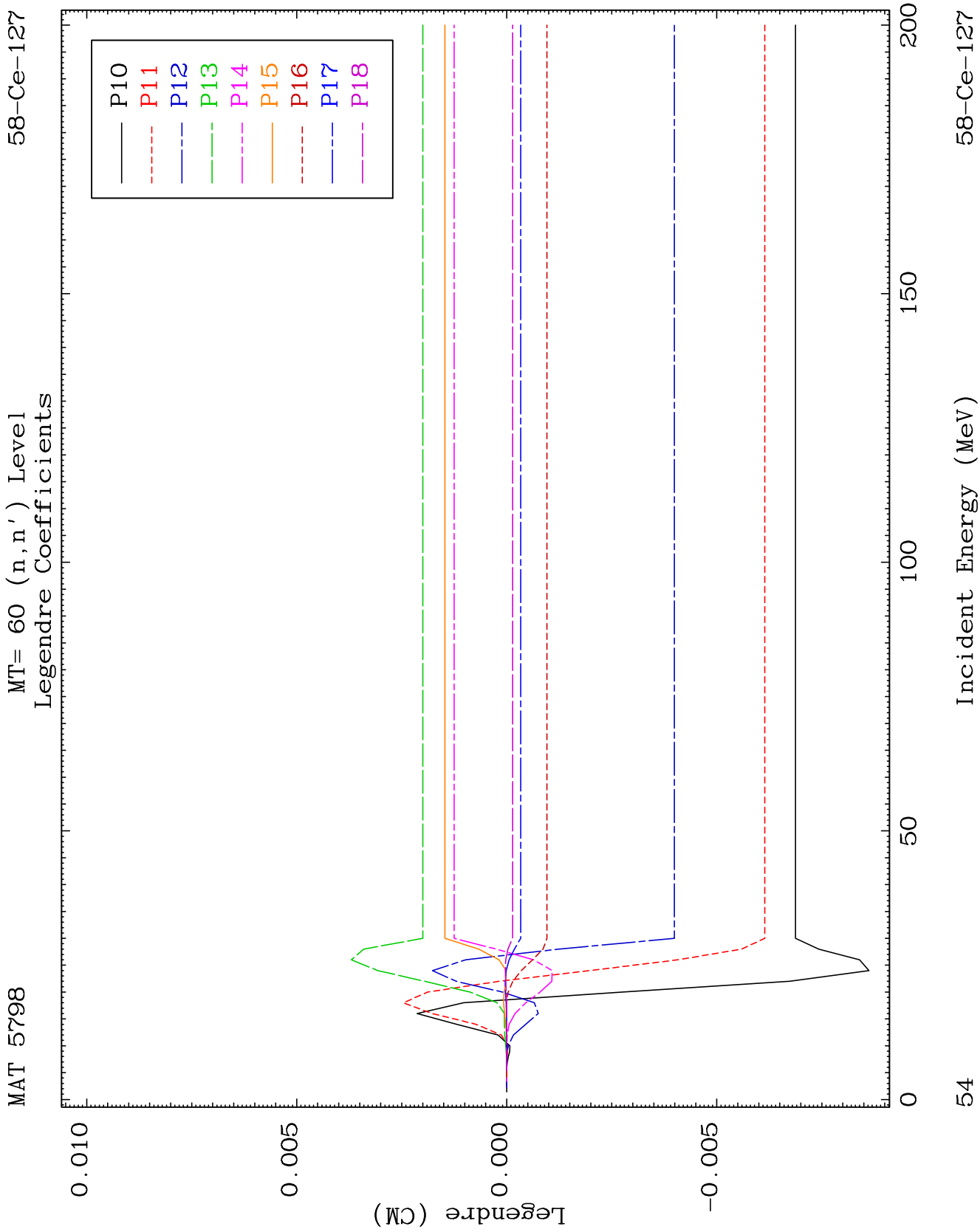


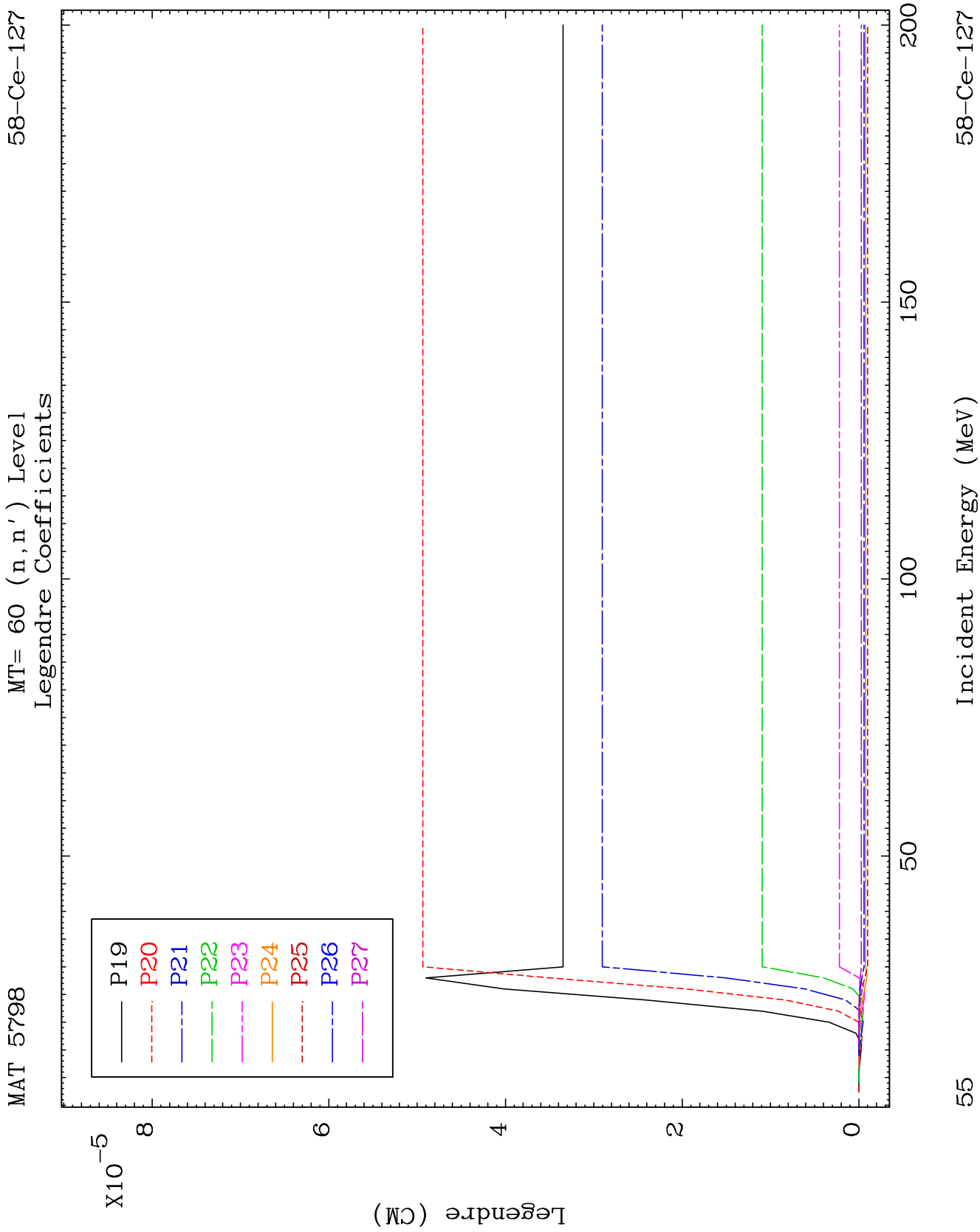


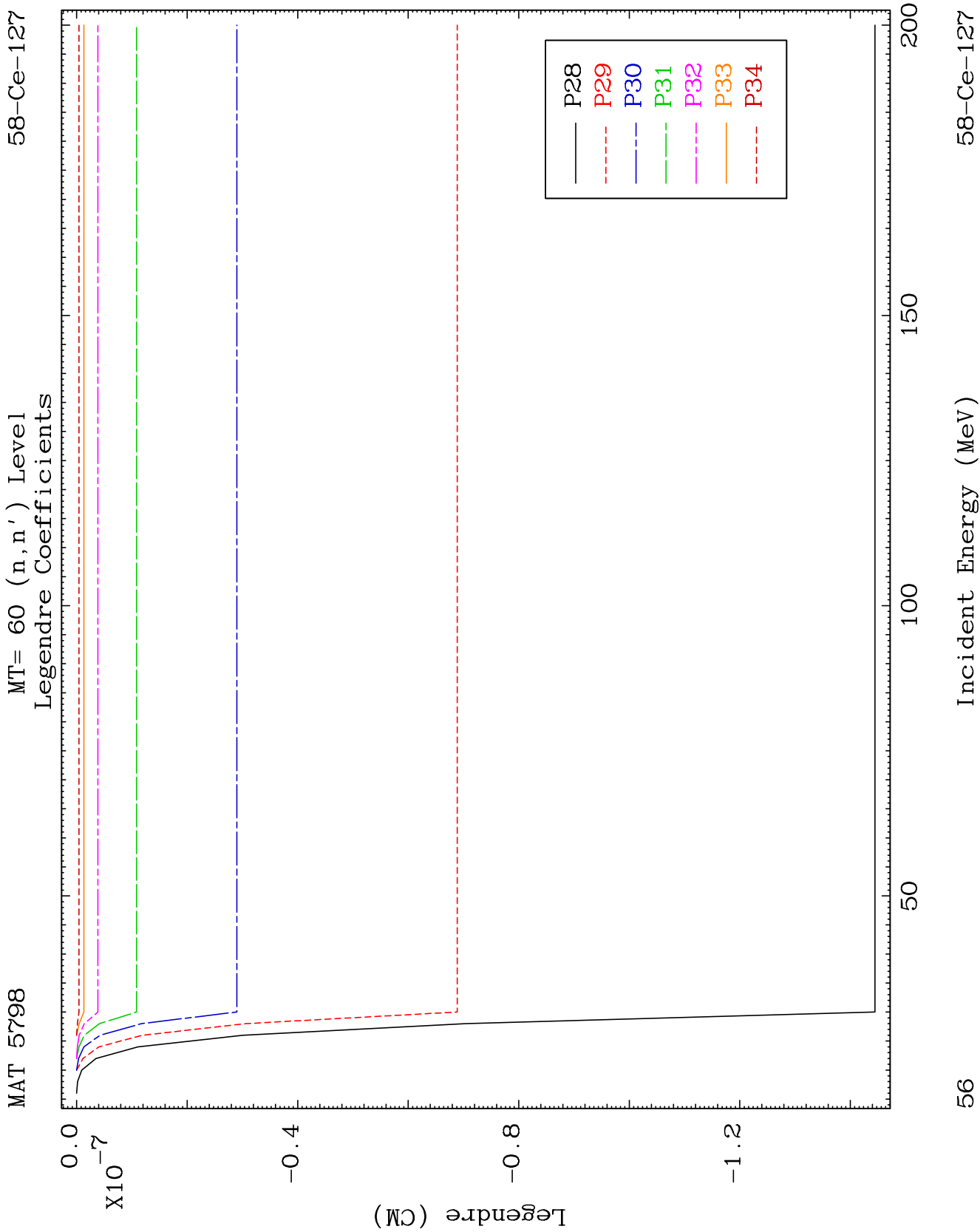








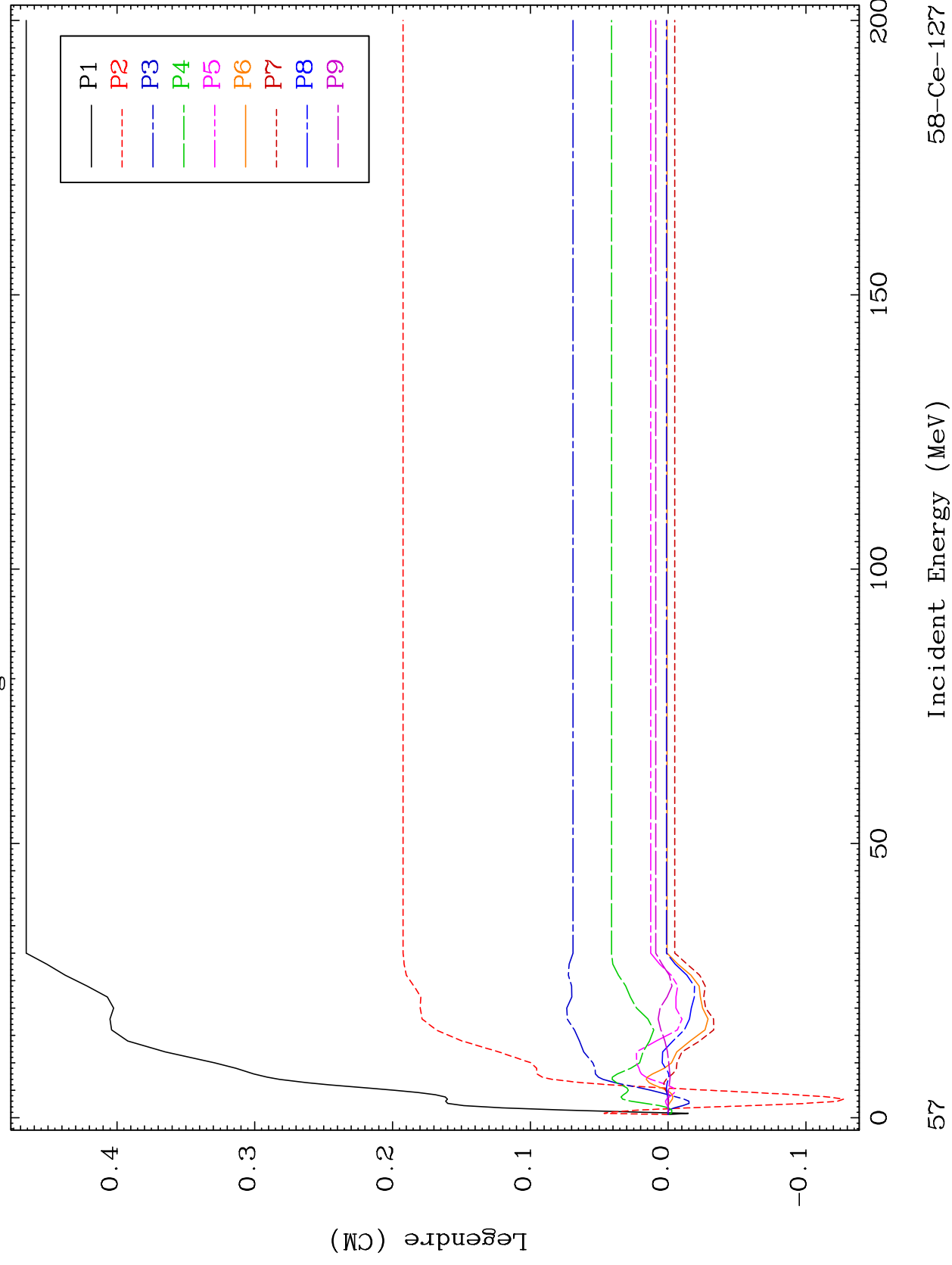


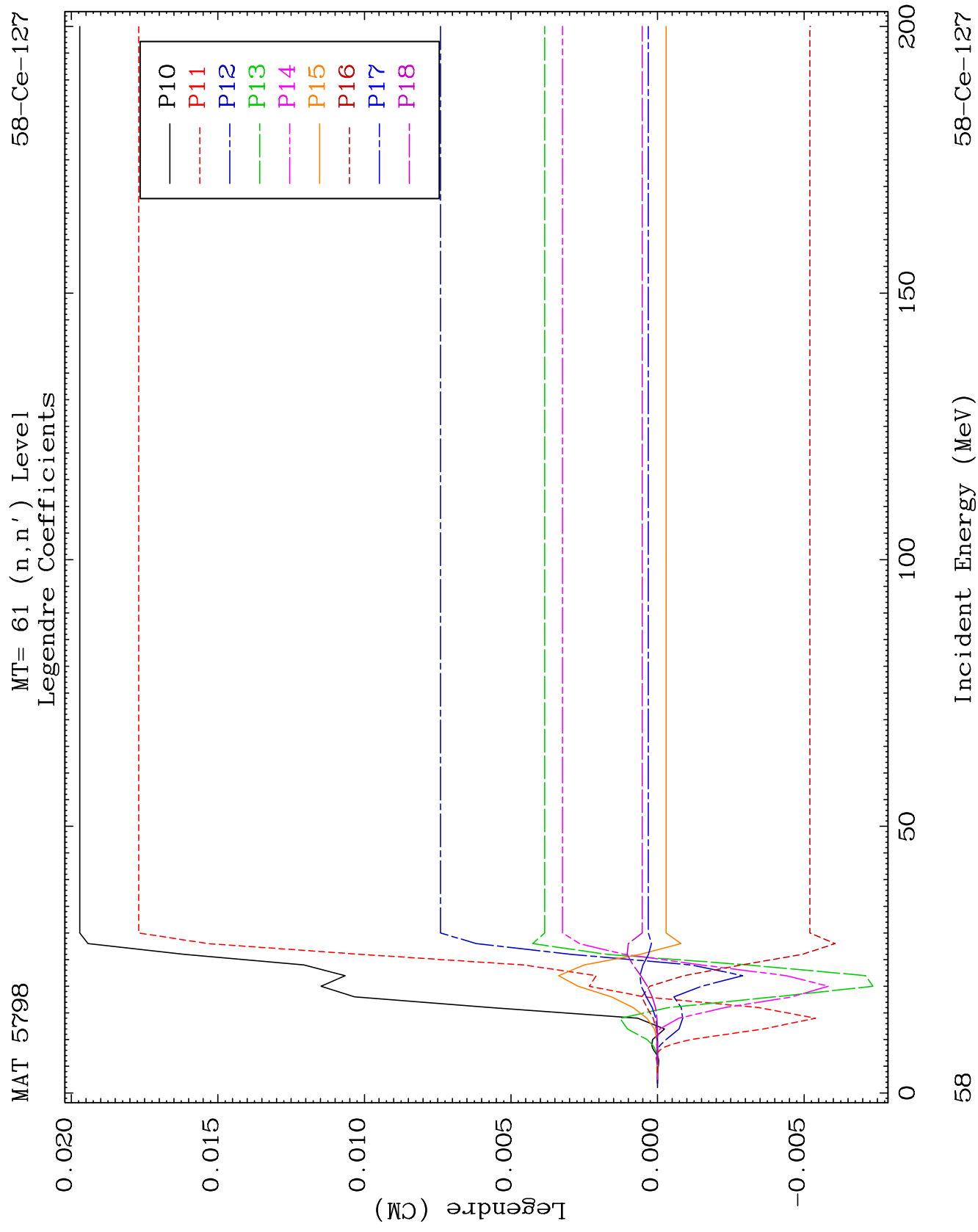


MAT 5798

MT= 61 (n, n') Level
Legendre Coefficients

58-Ce-127

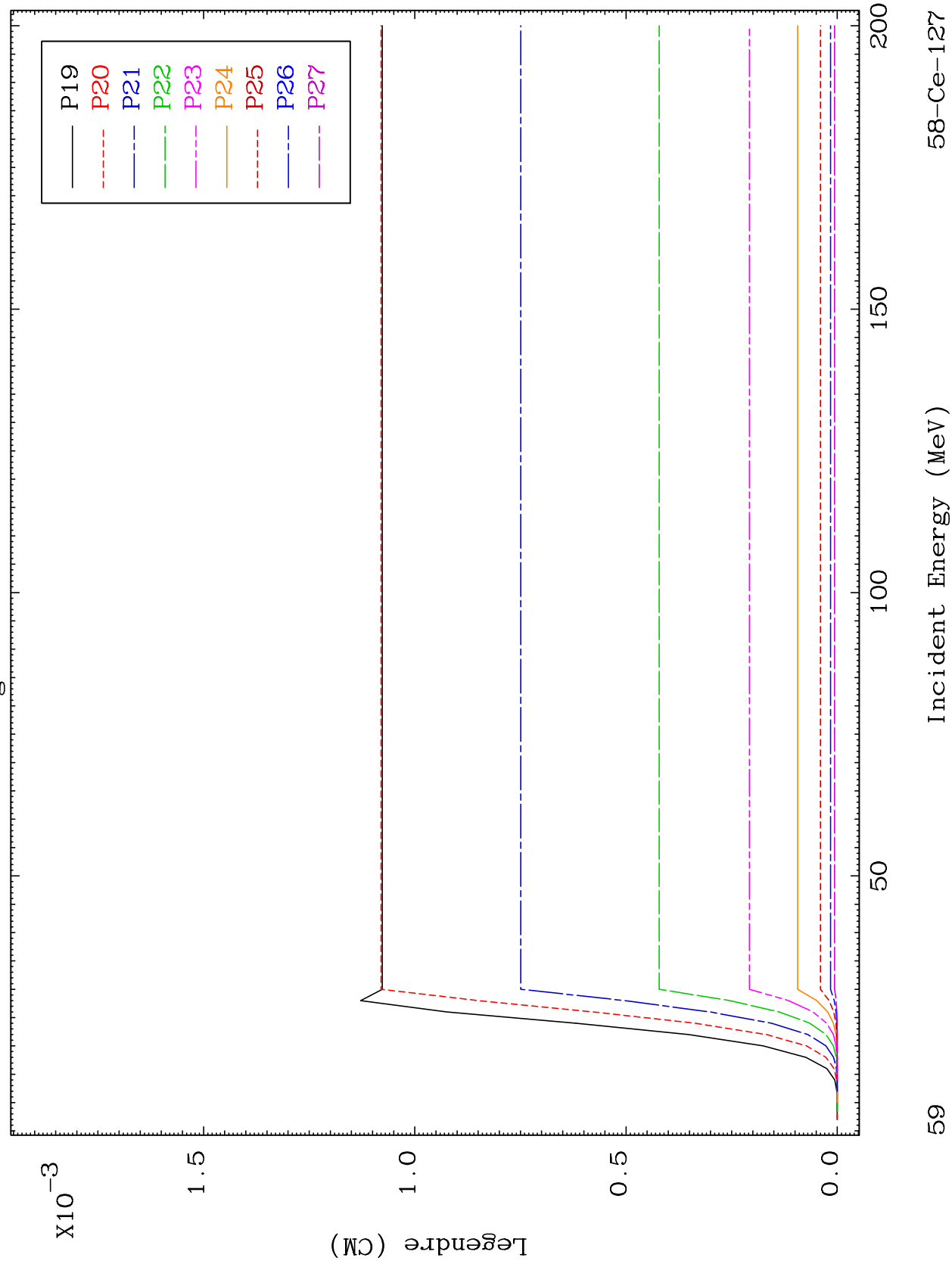




MAT 5798

MT= 61 (n, n') Level
Legendre Coefficients

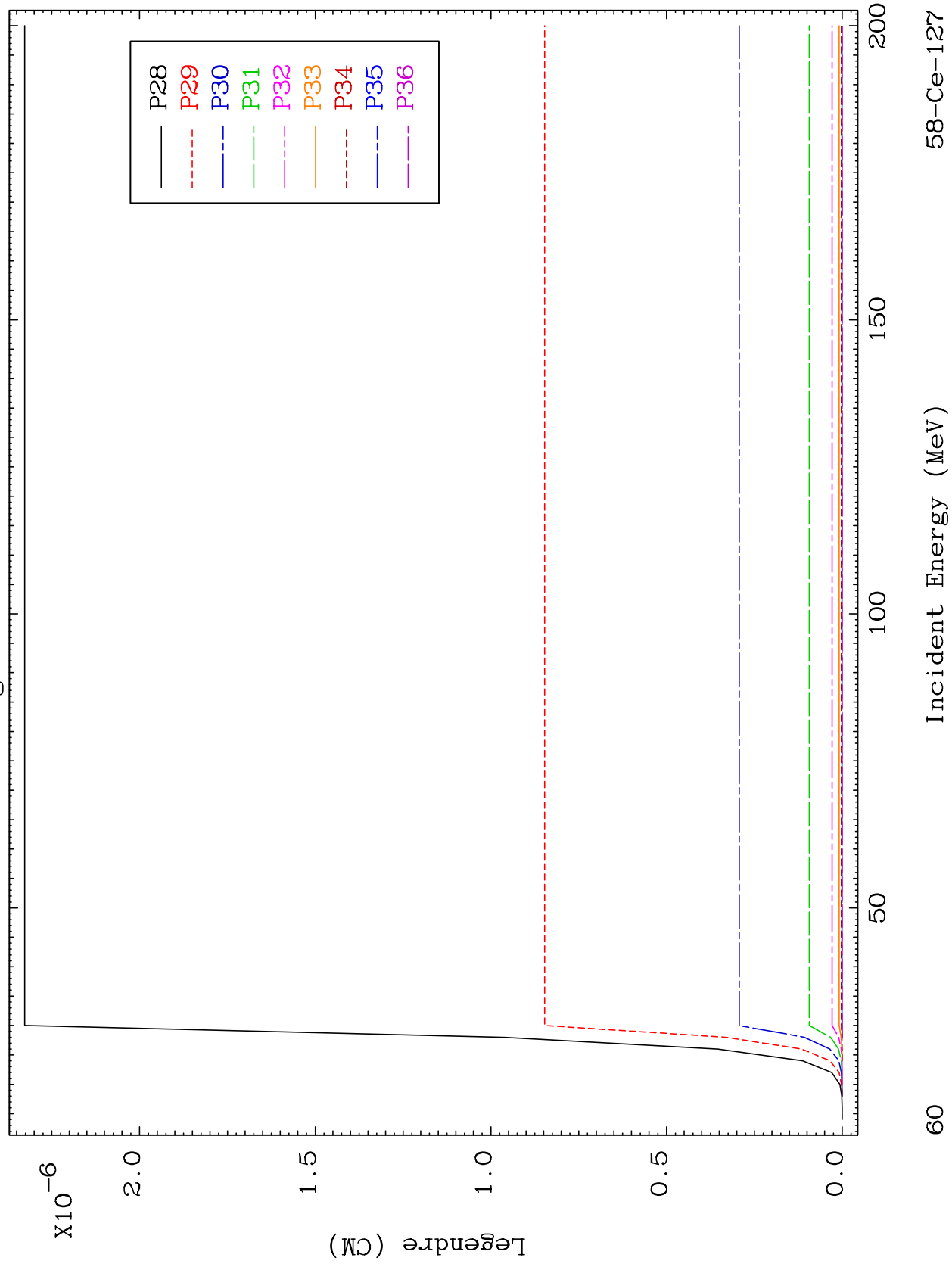
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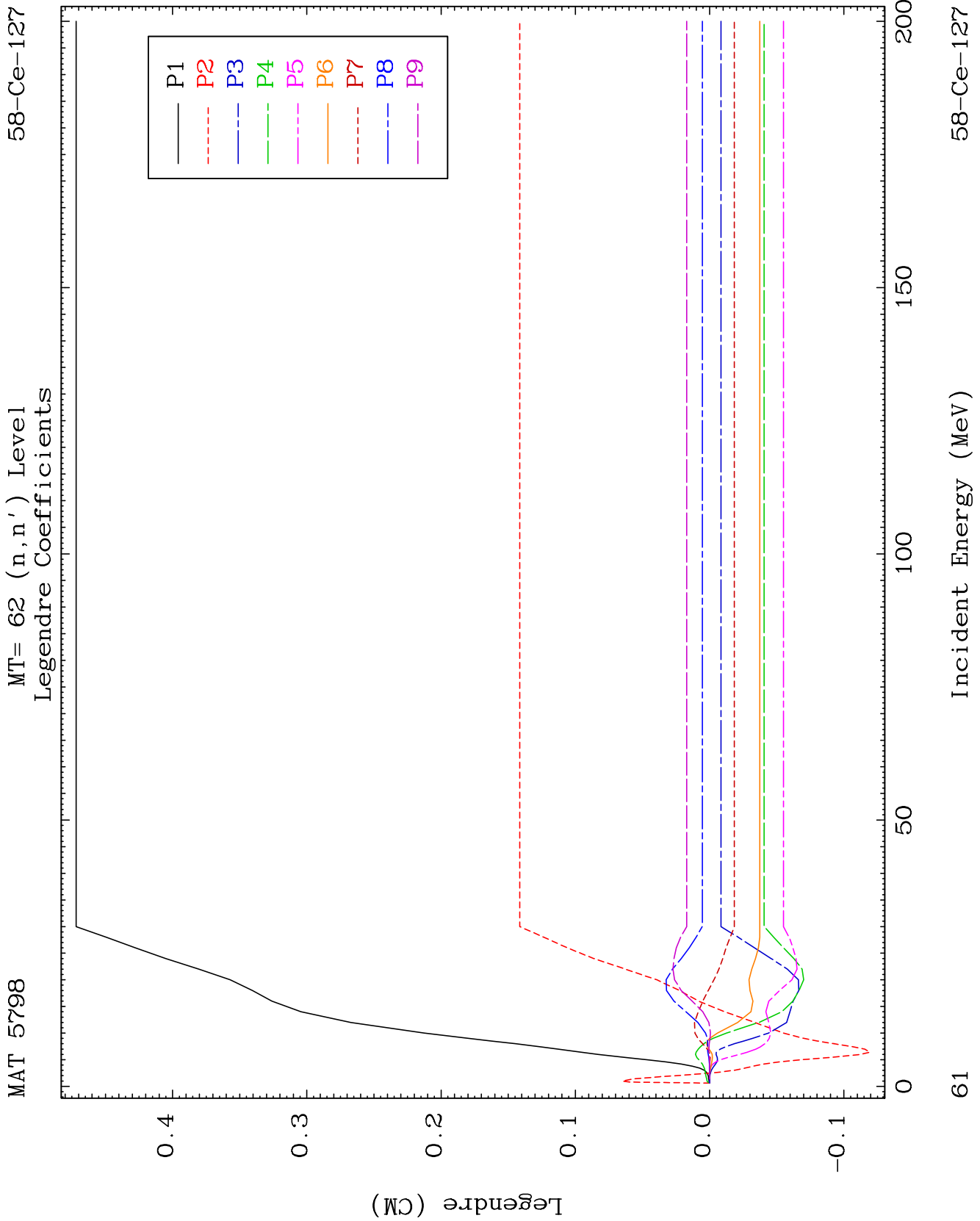


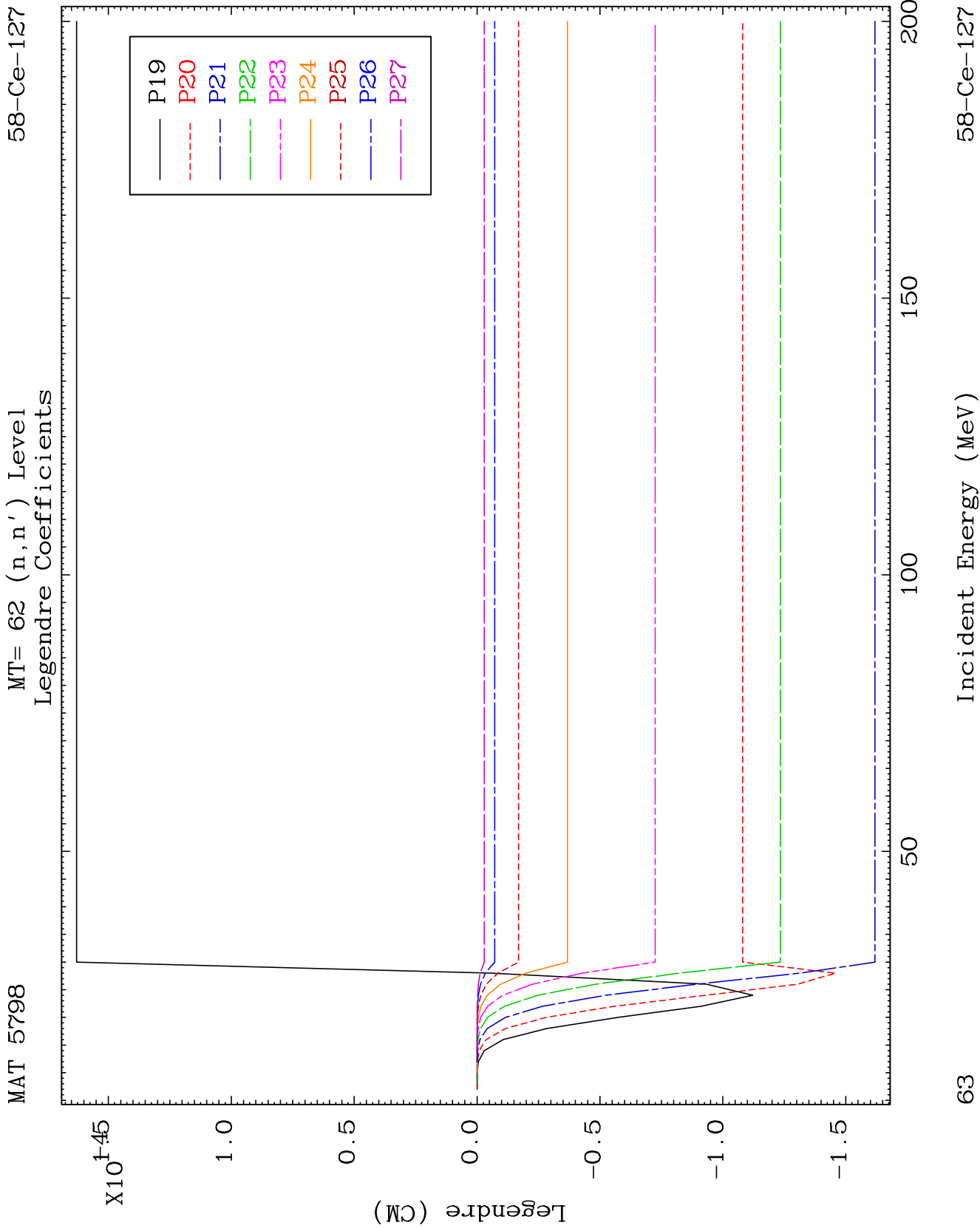
MAT 5798

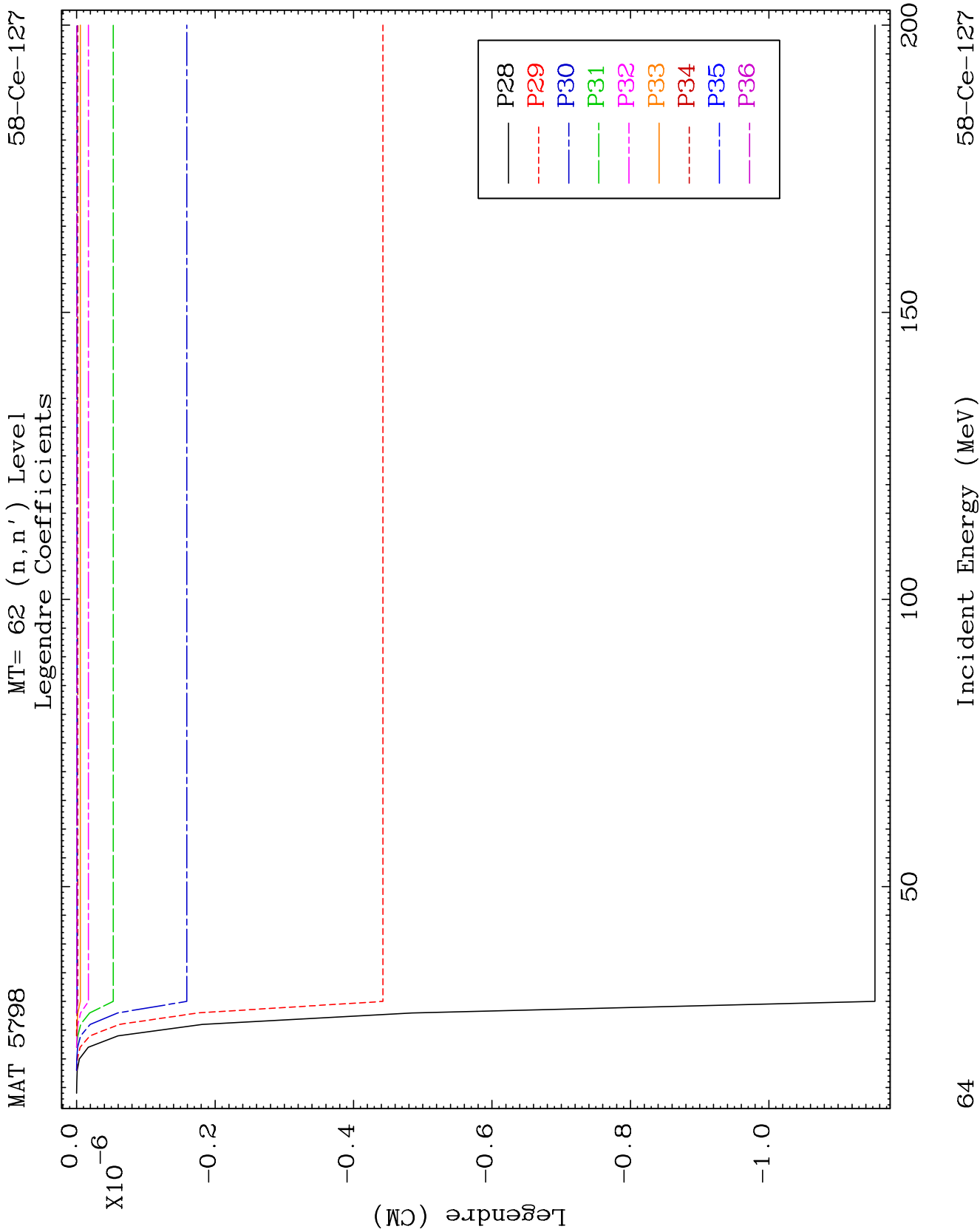
MT= 61 (n, n') Level
Legendre Coefficients

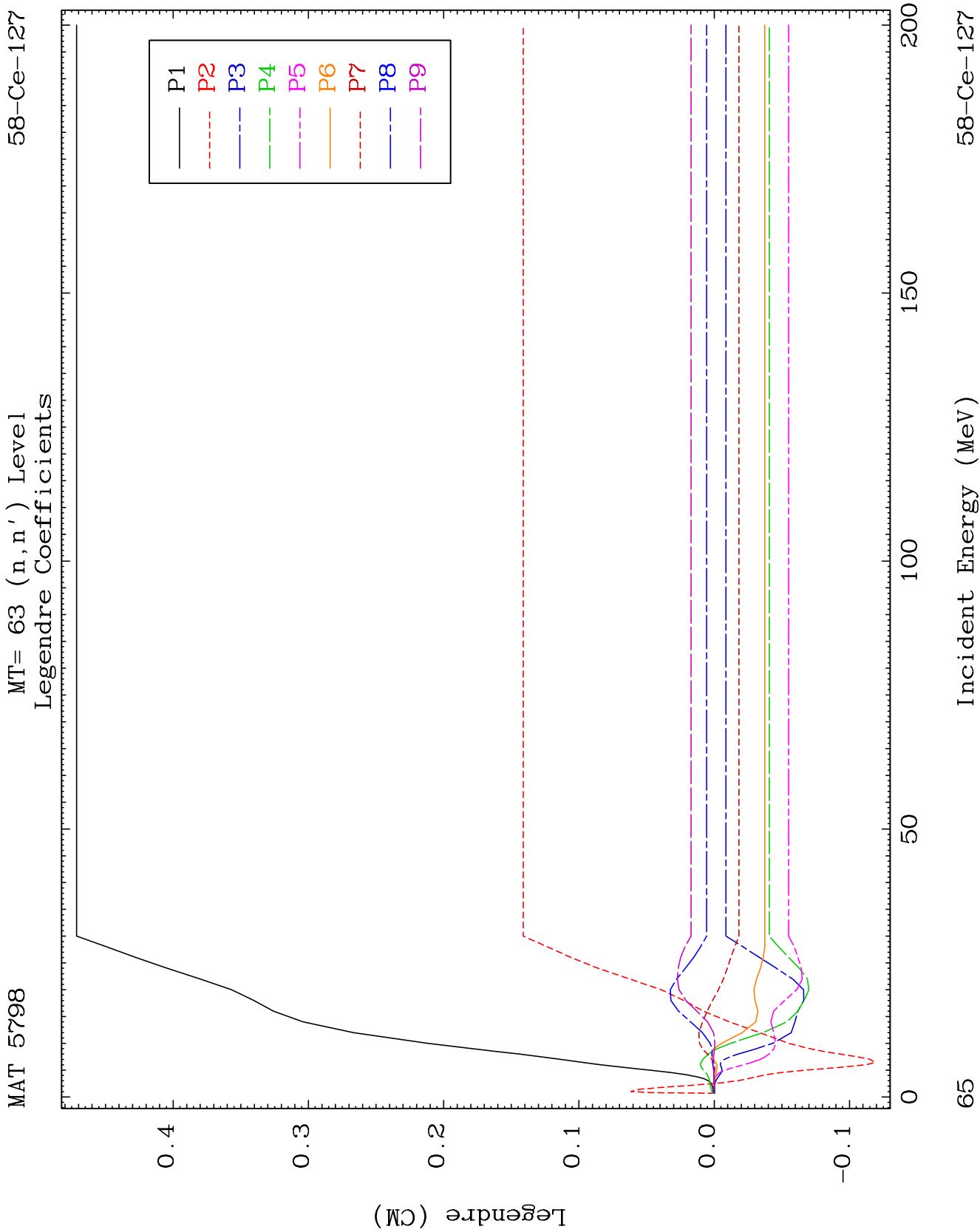
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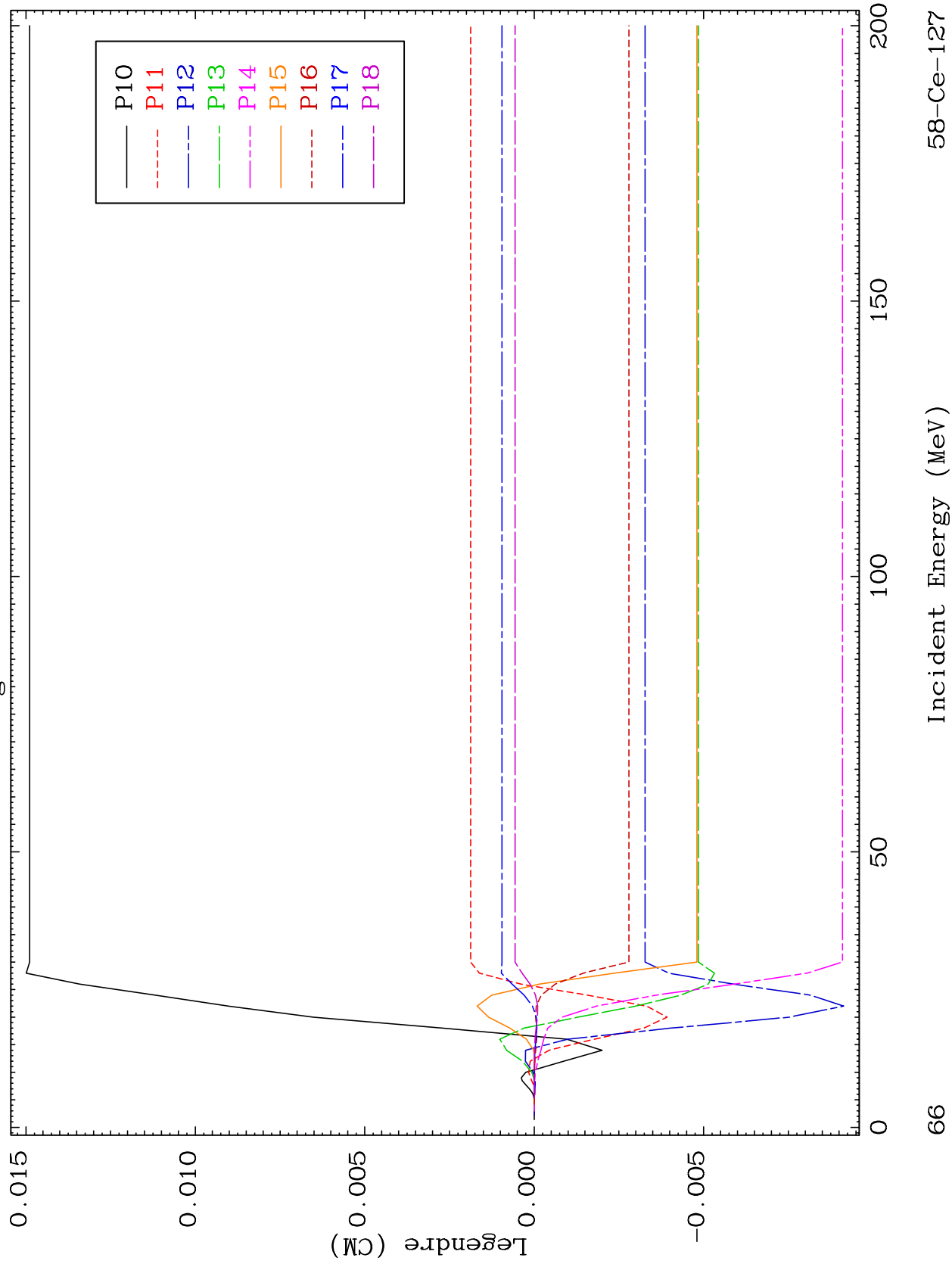


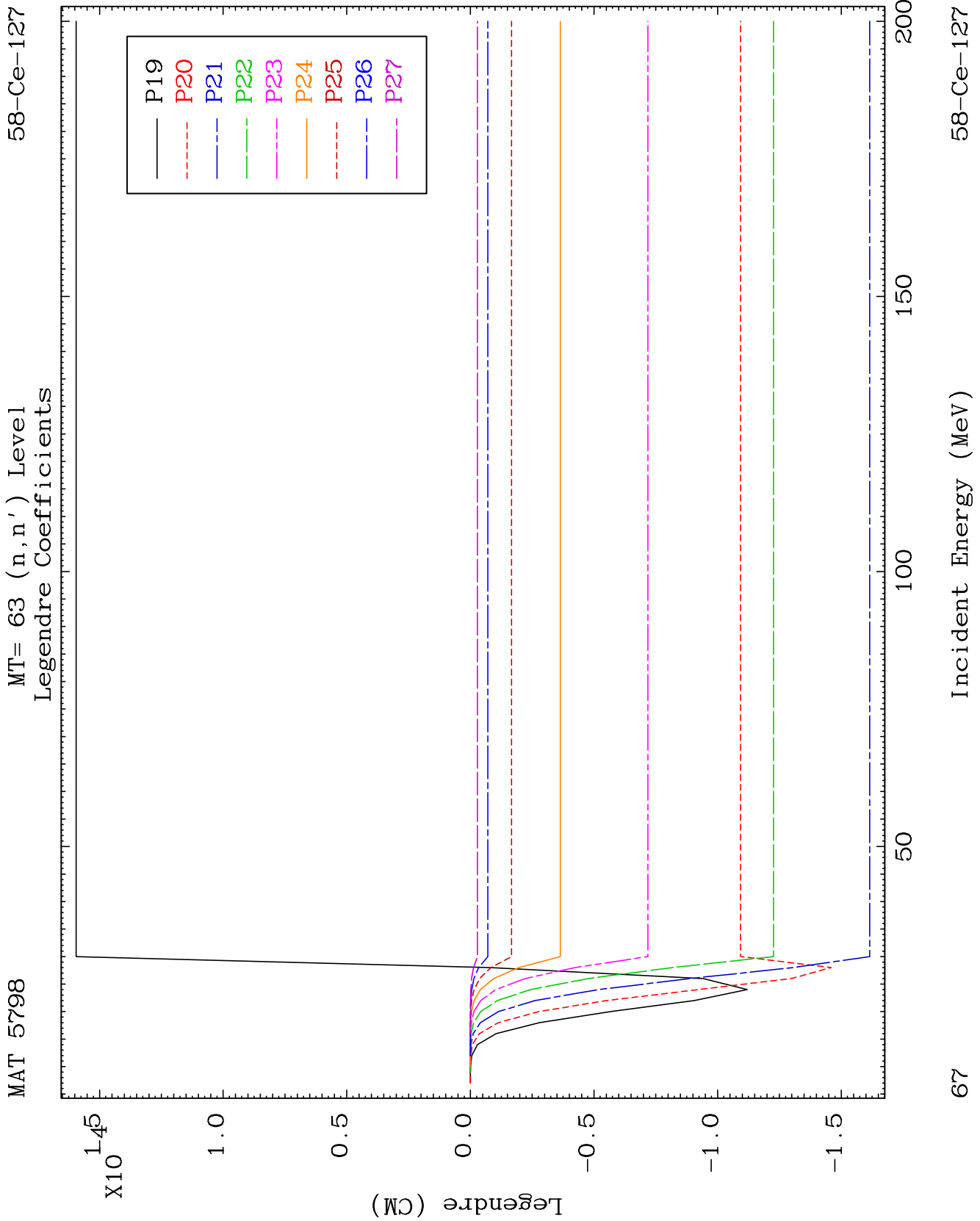


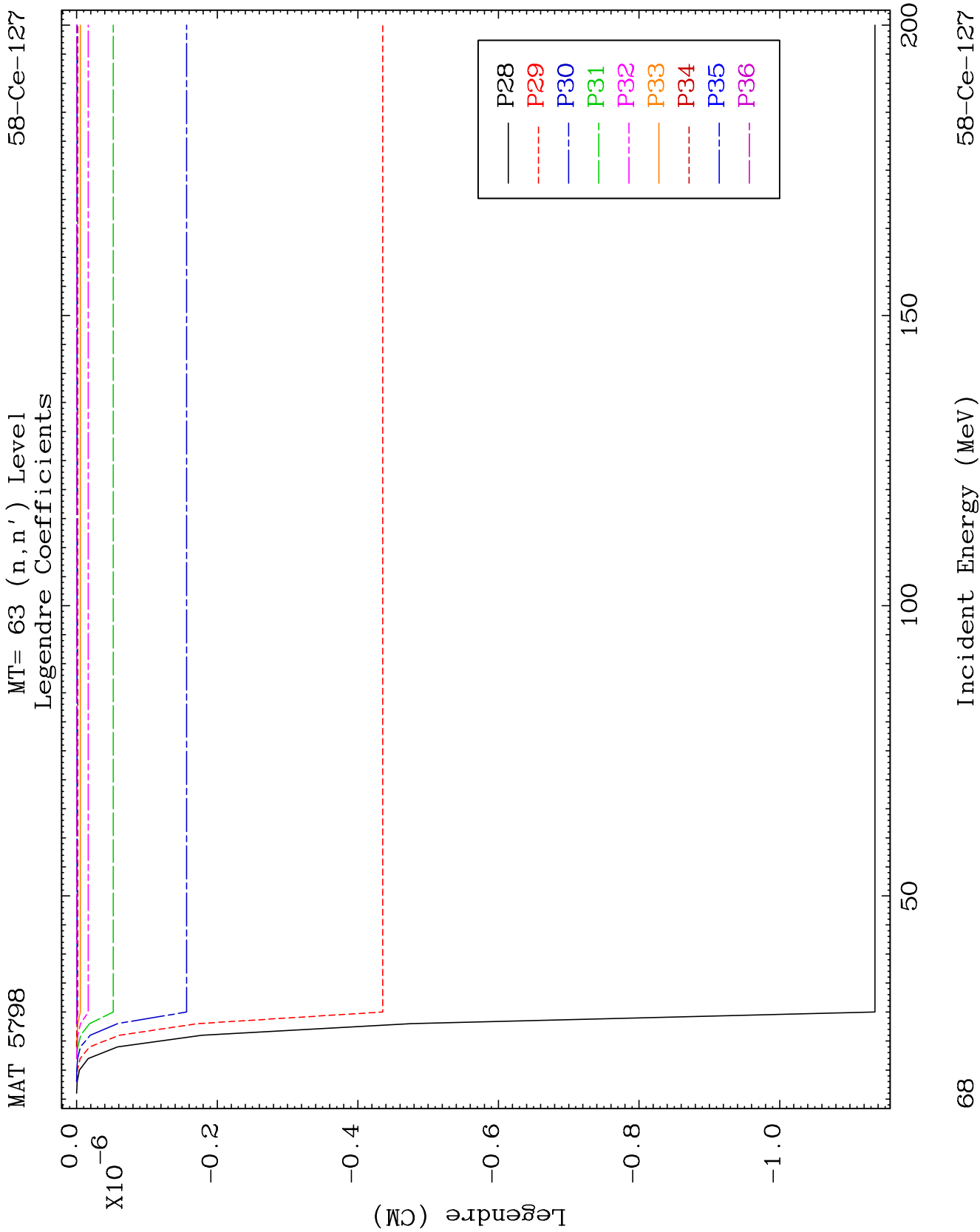
MAT 5798

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

58-Ce-127



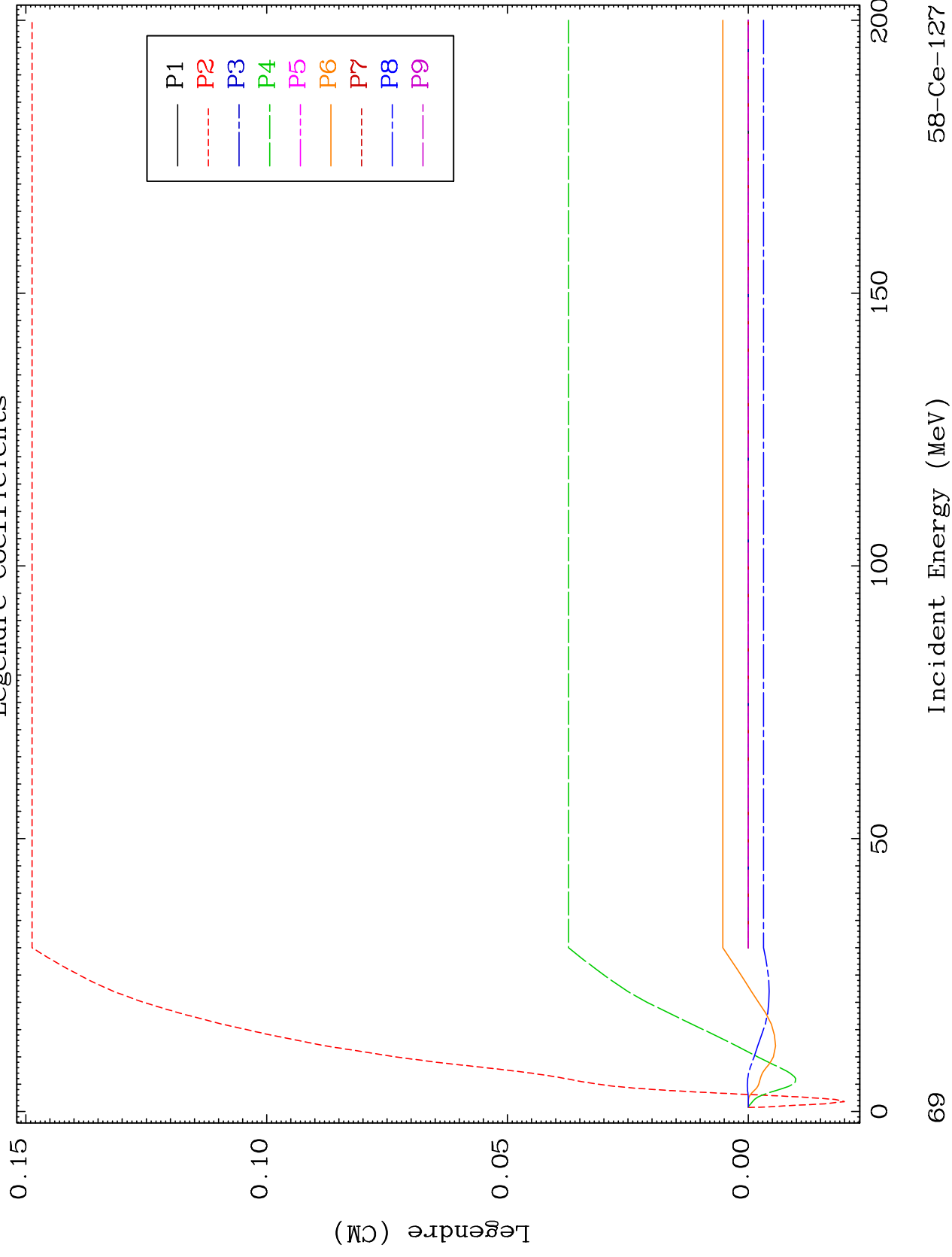


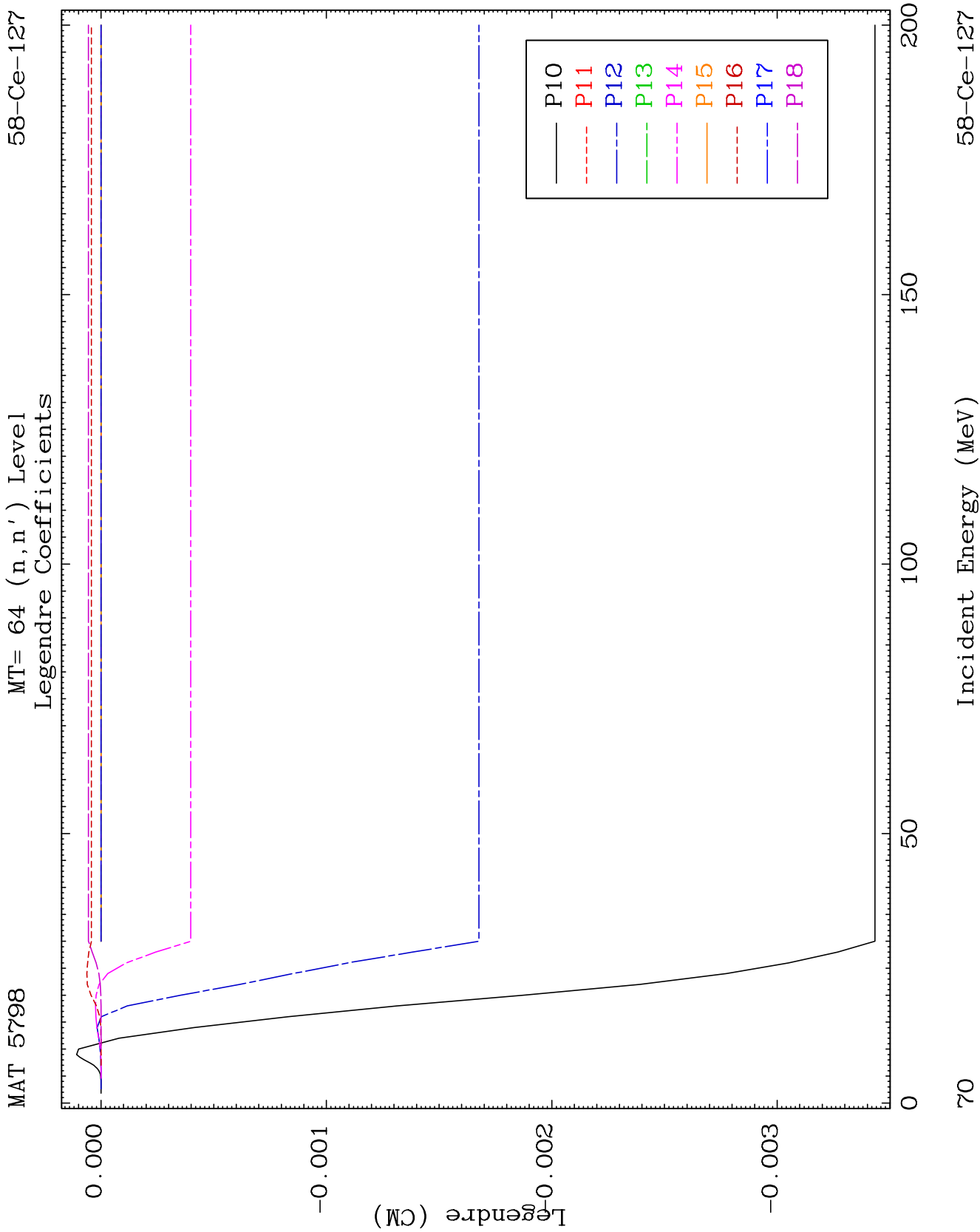


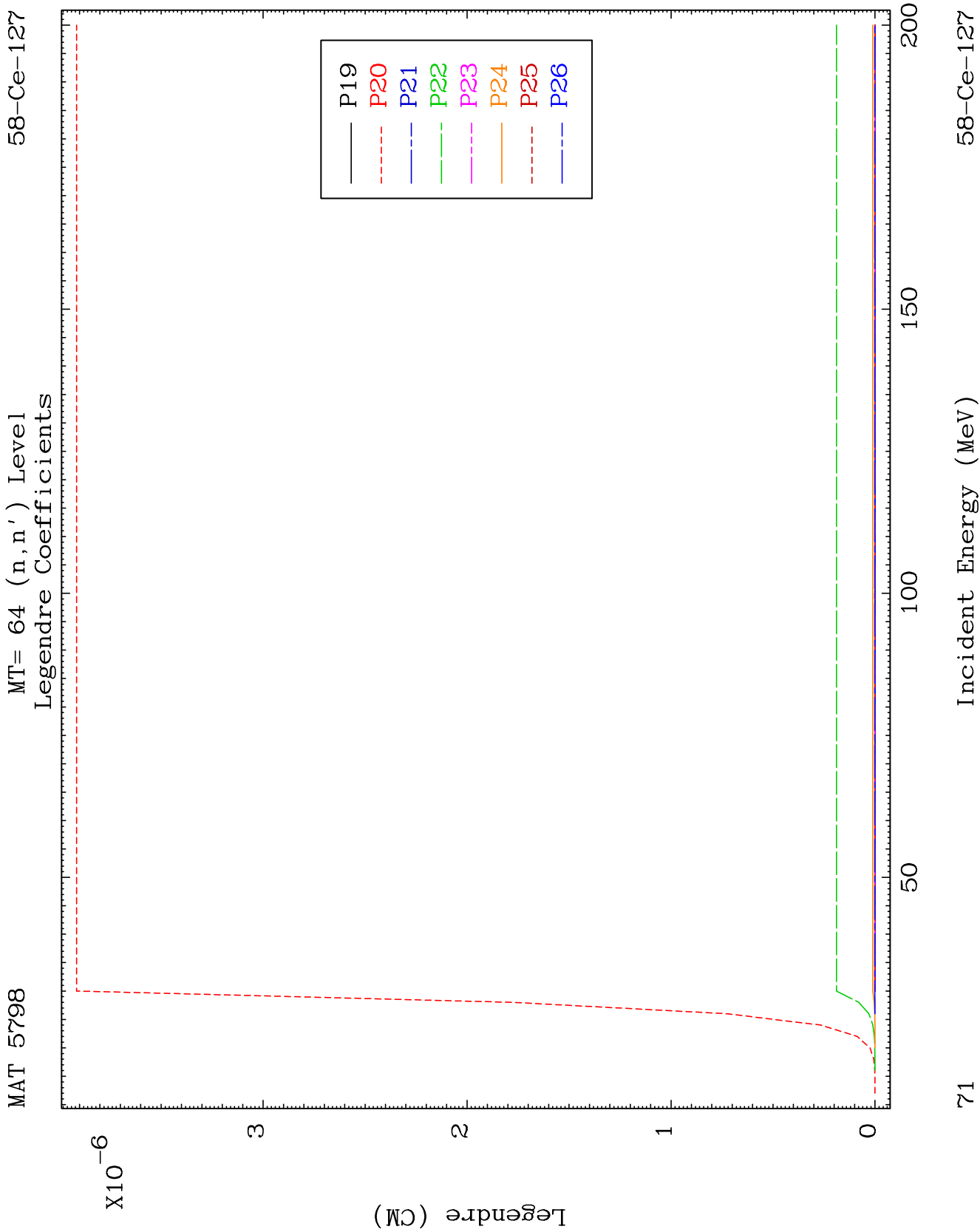
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MT= 64 (n, n') Level
Legendre Coefficients

58-Ce-127



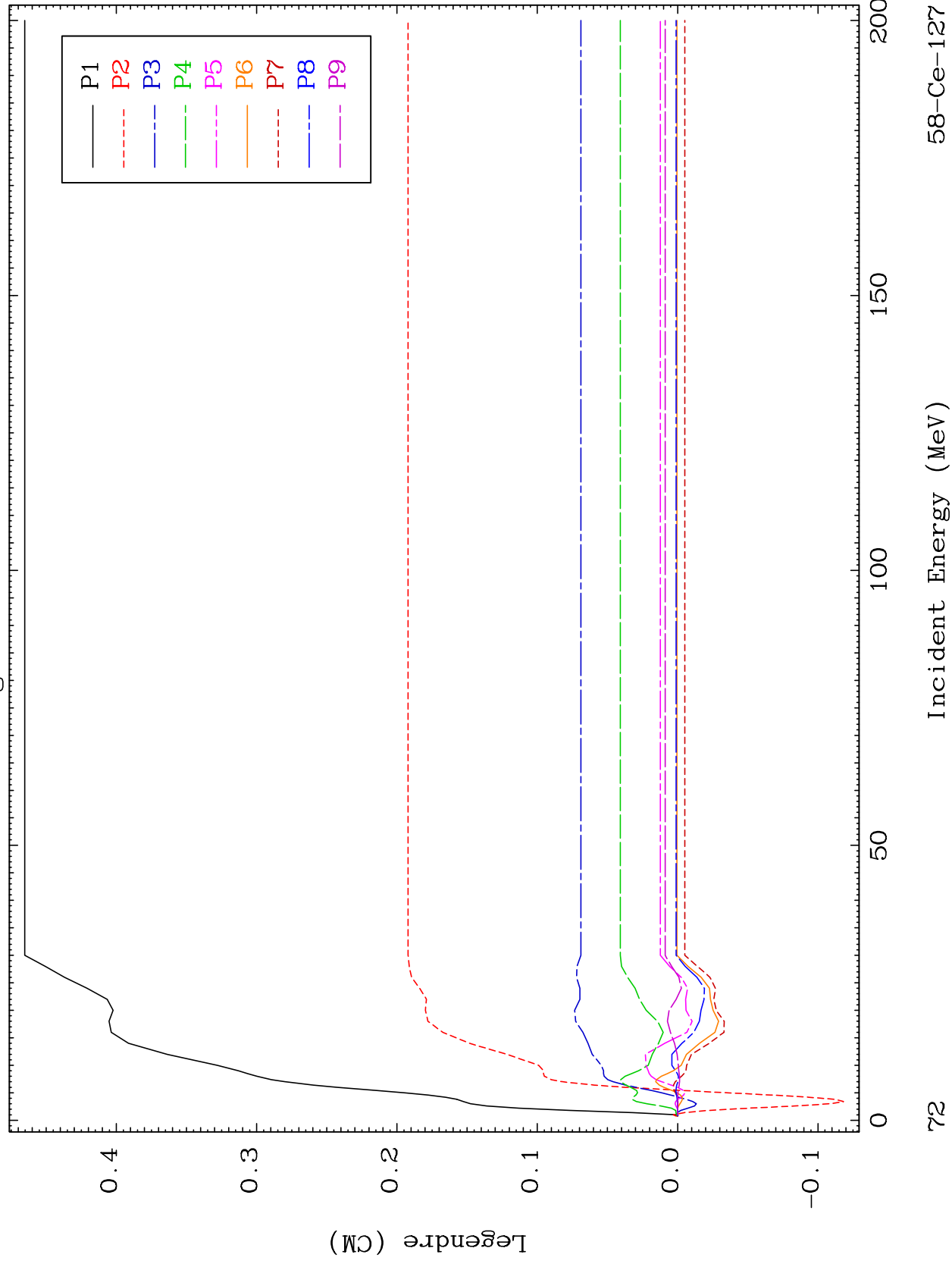


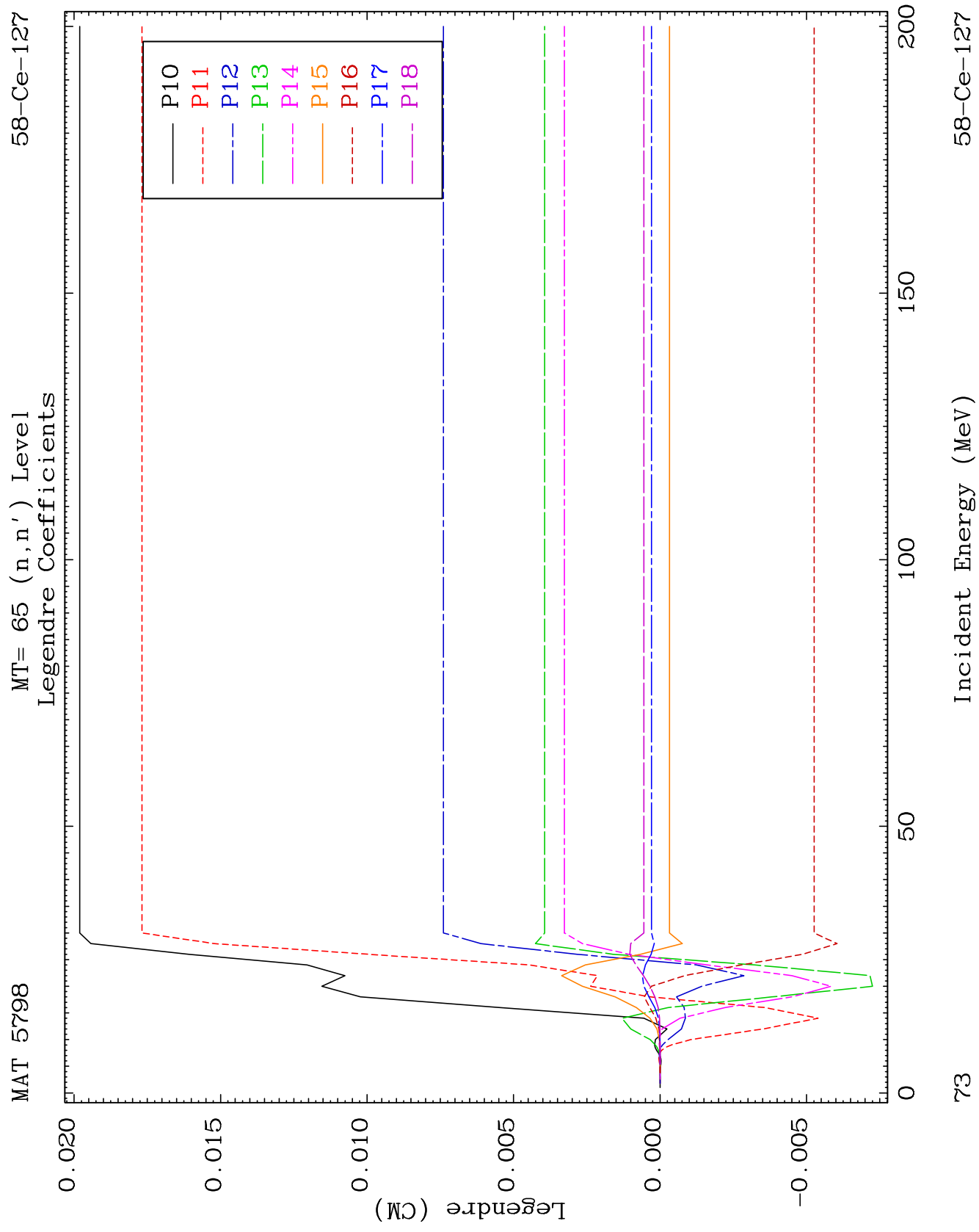


MAT 5798

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

58-Ce-127

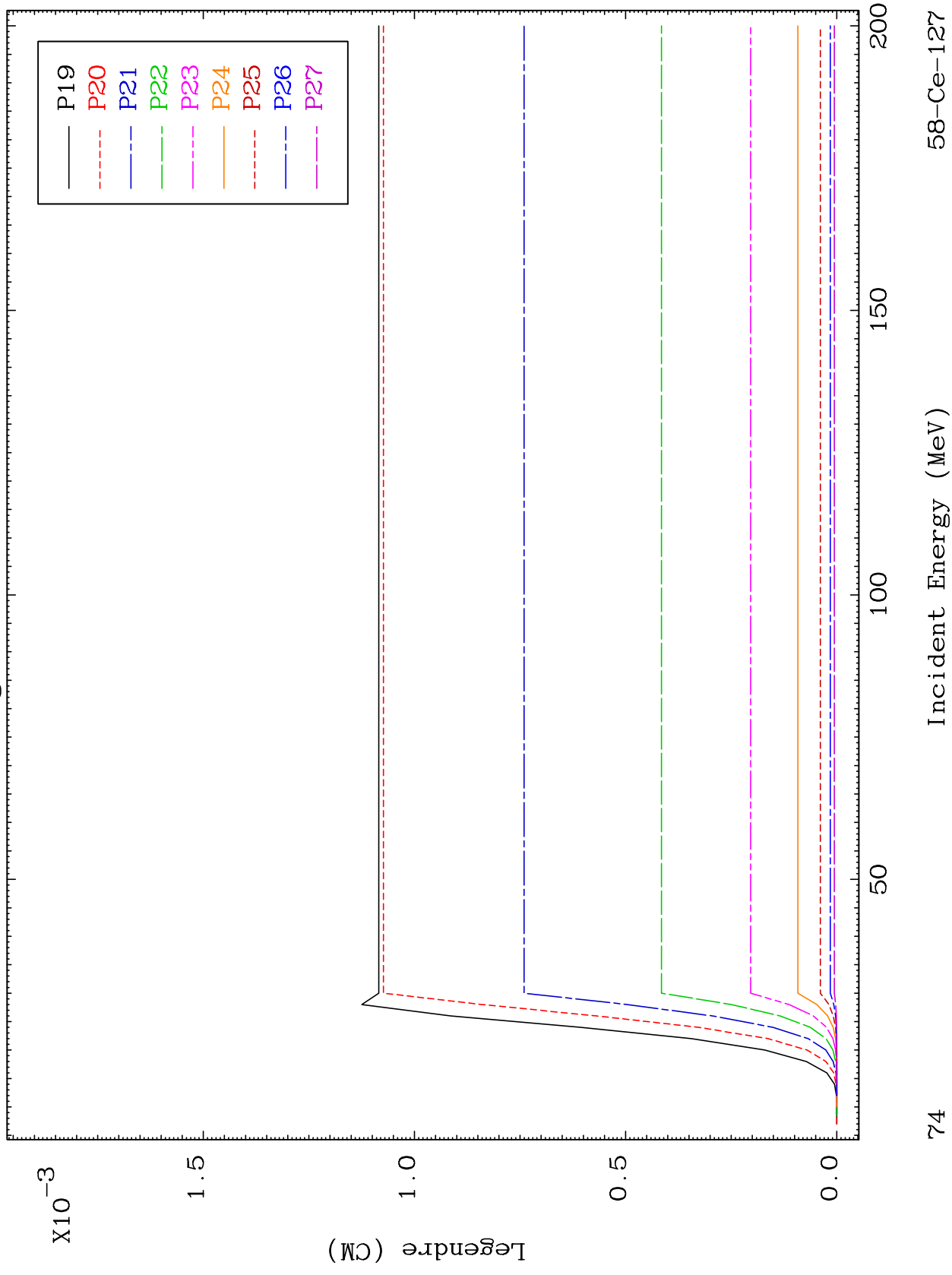




MAT 5798

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

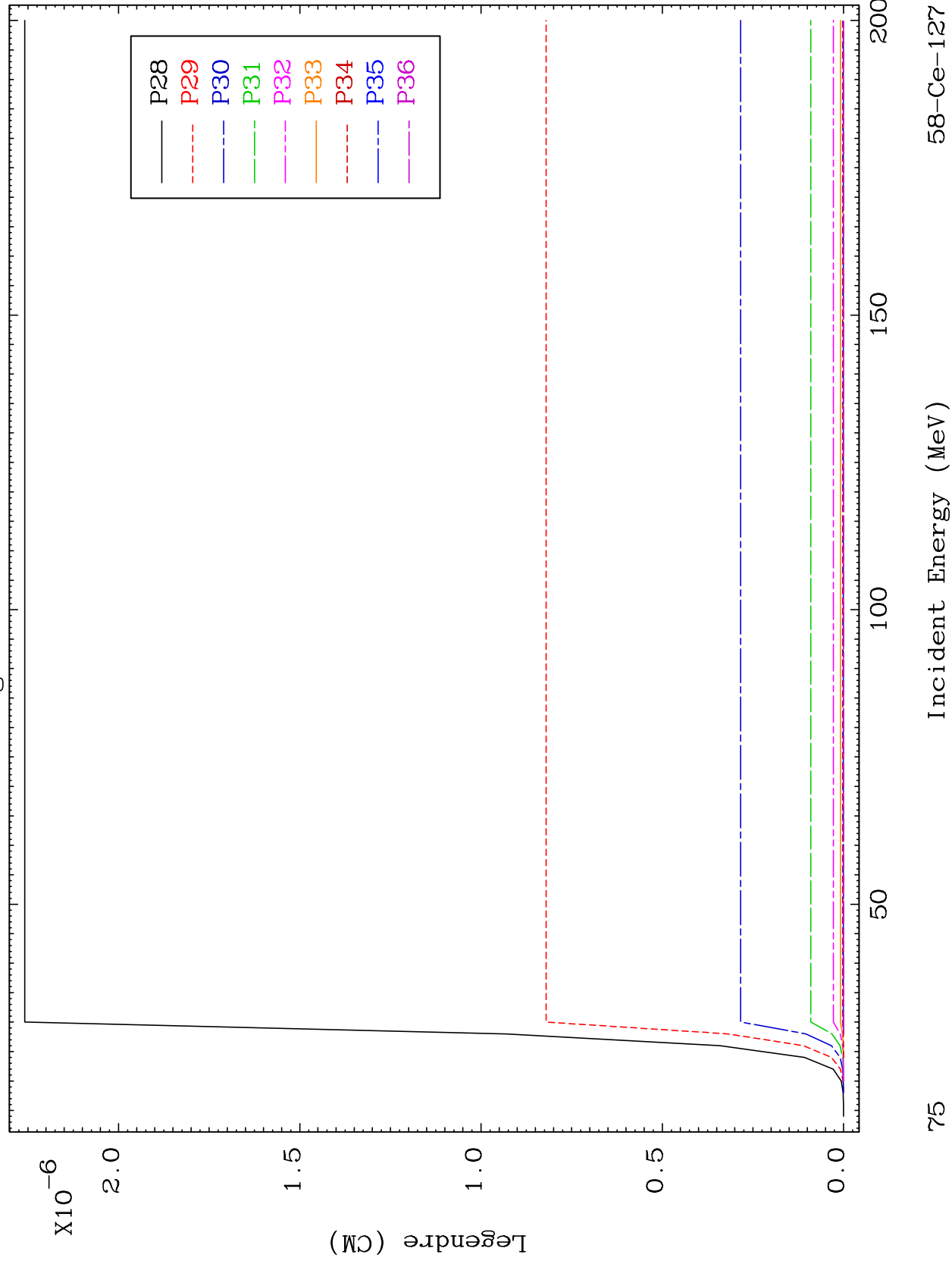
58-Ce-127



MAT 5798

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

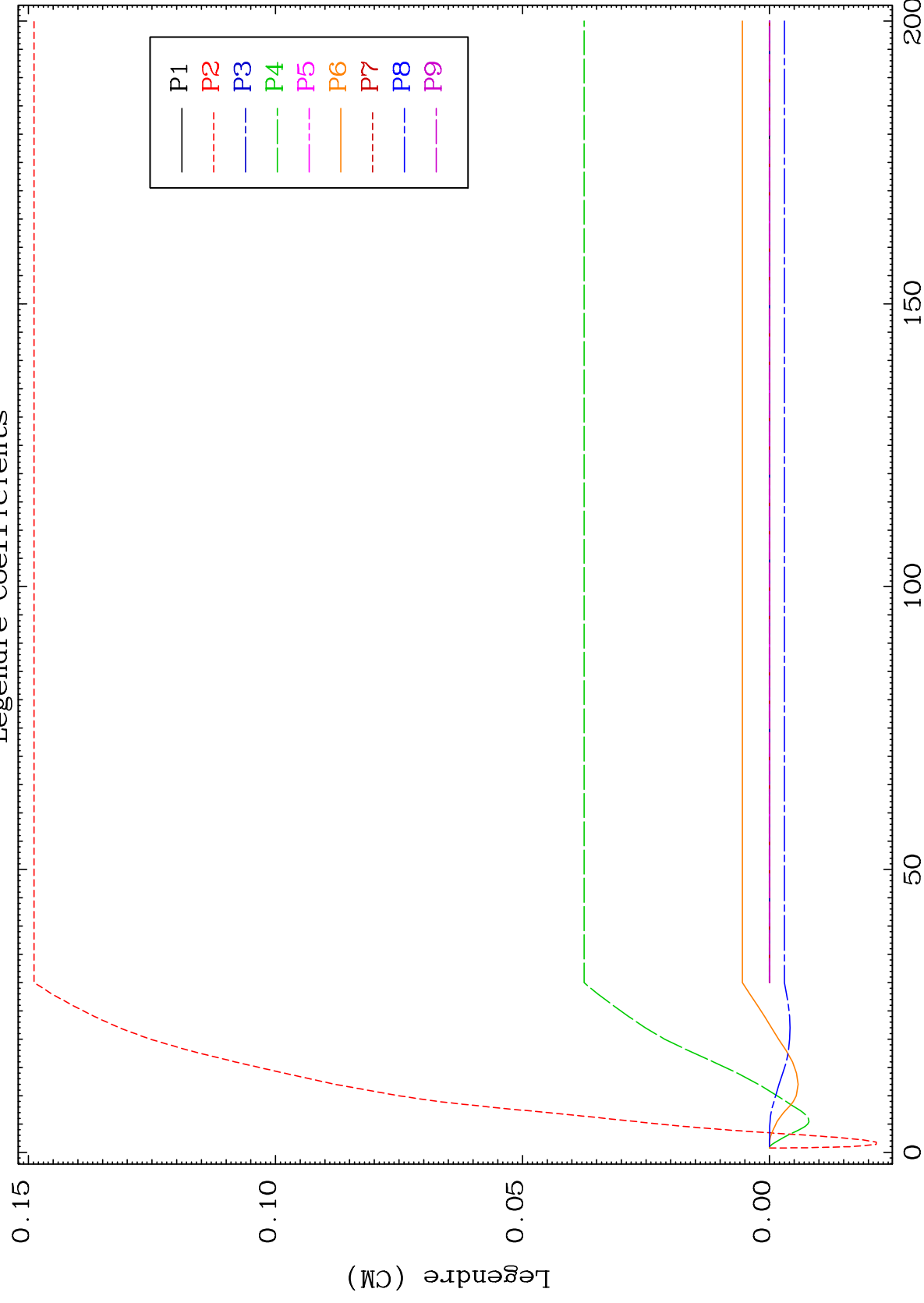
58-Ce-127



MAT 5798

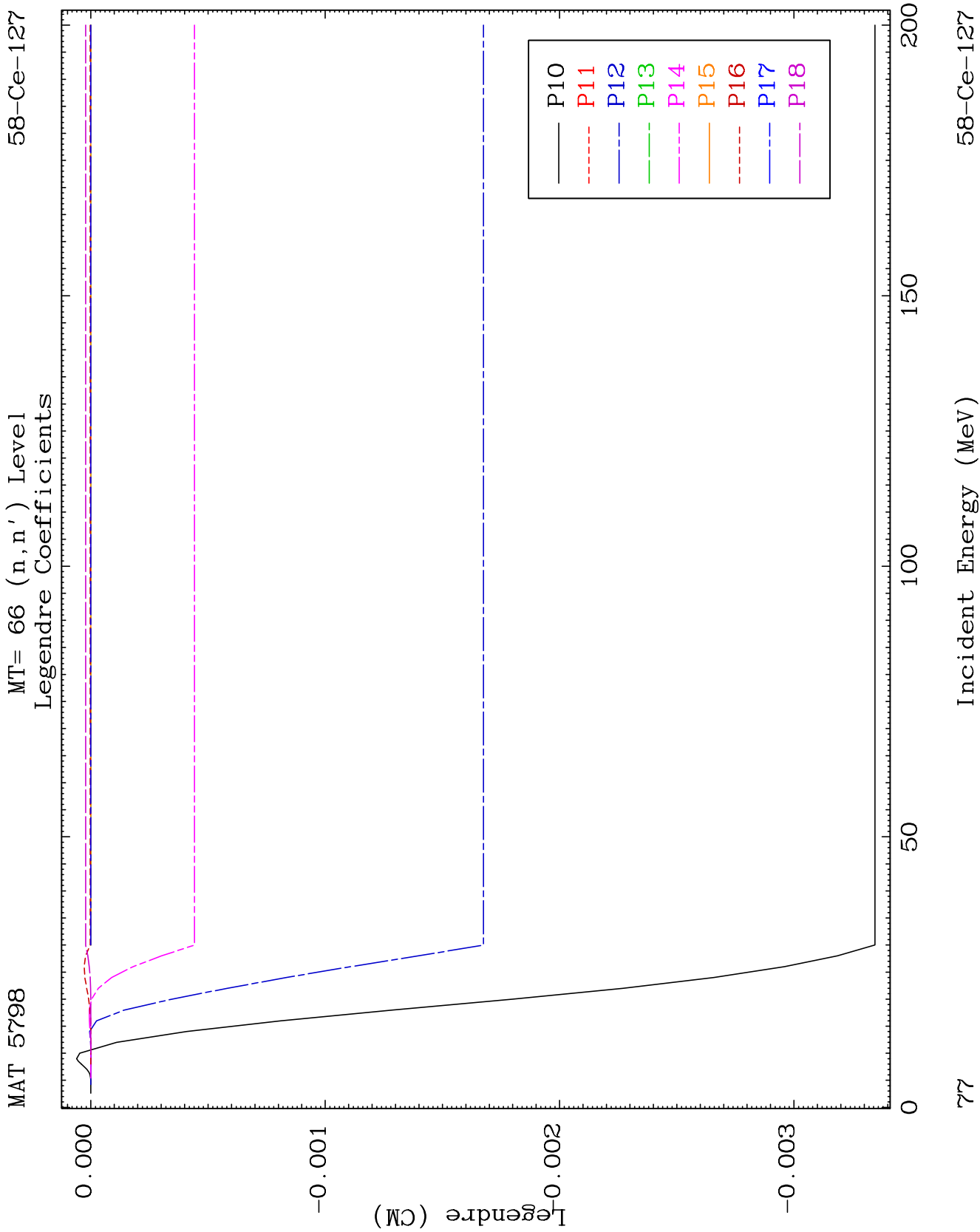
MT= 66 (n, n') Level
Legendre Coefficients

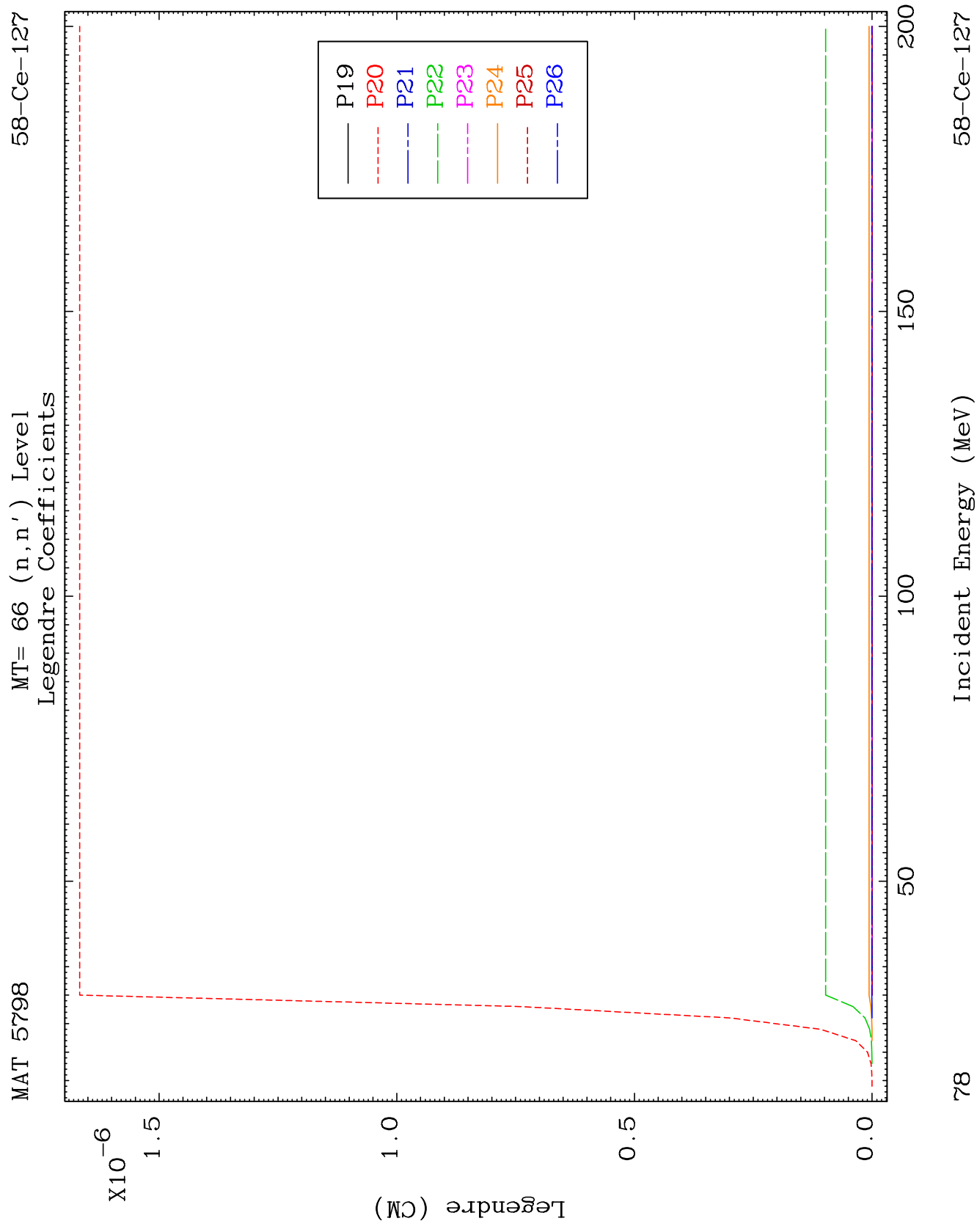
58-Ce-127



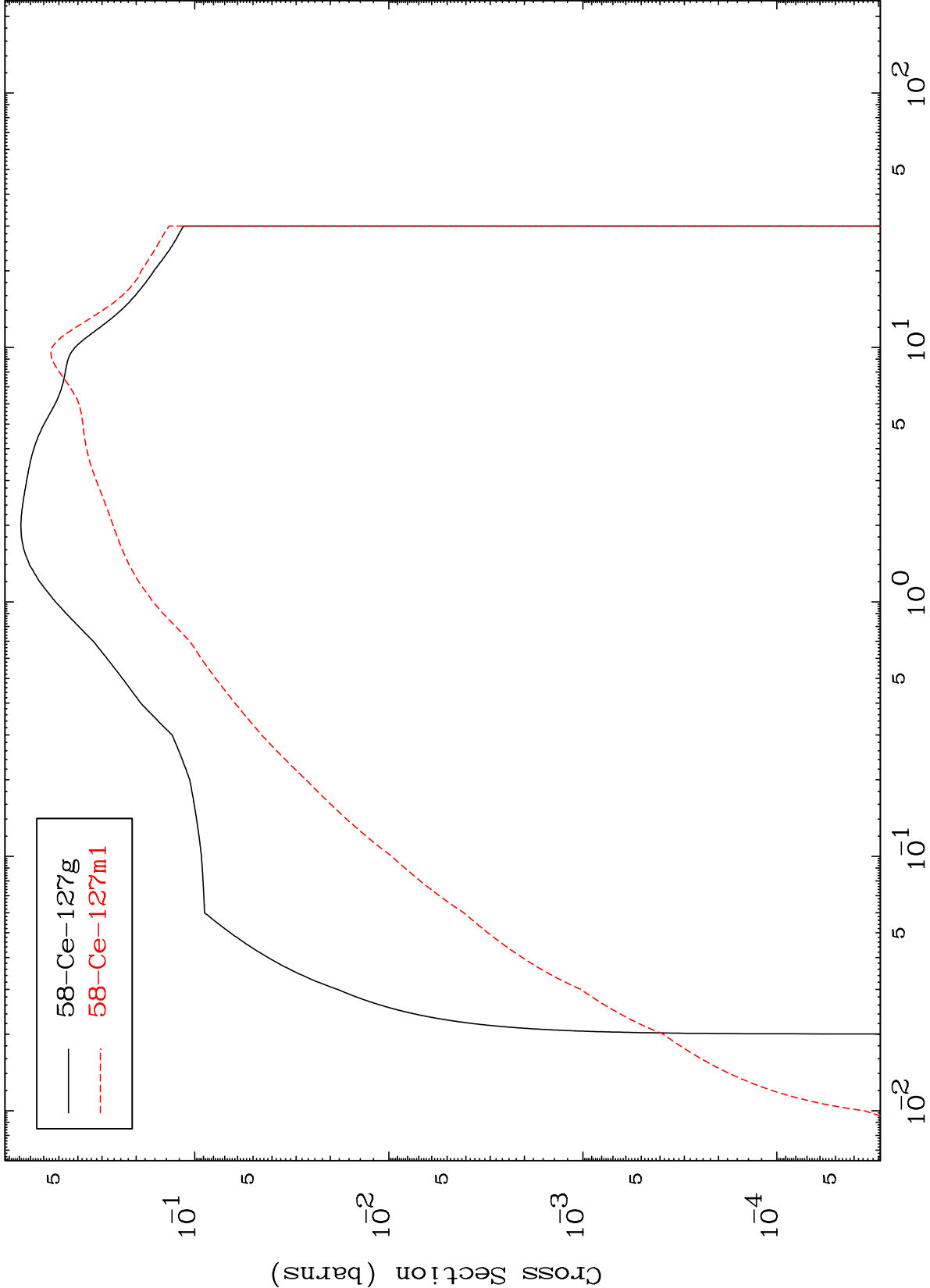
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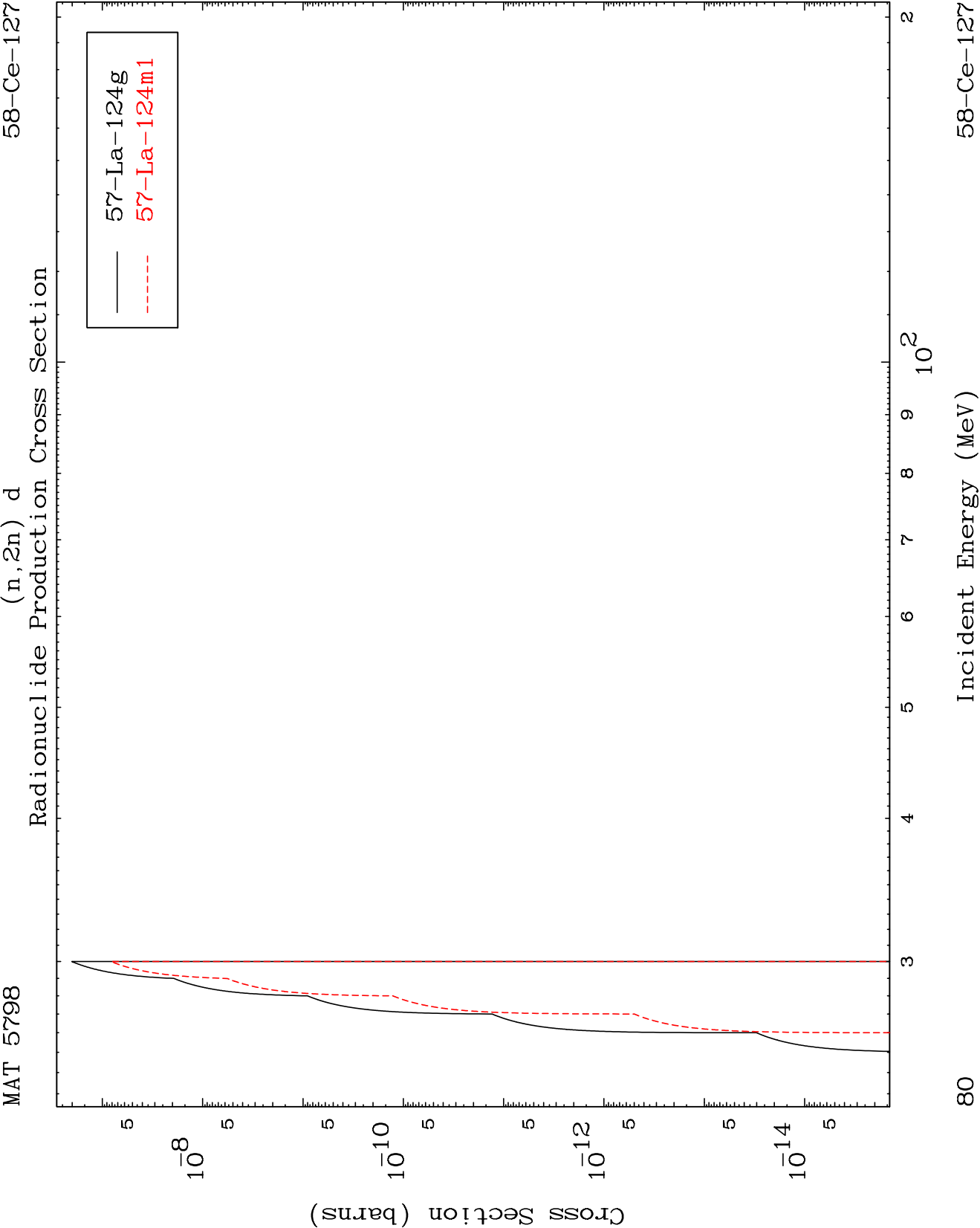
Incident Energy (MeV)



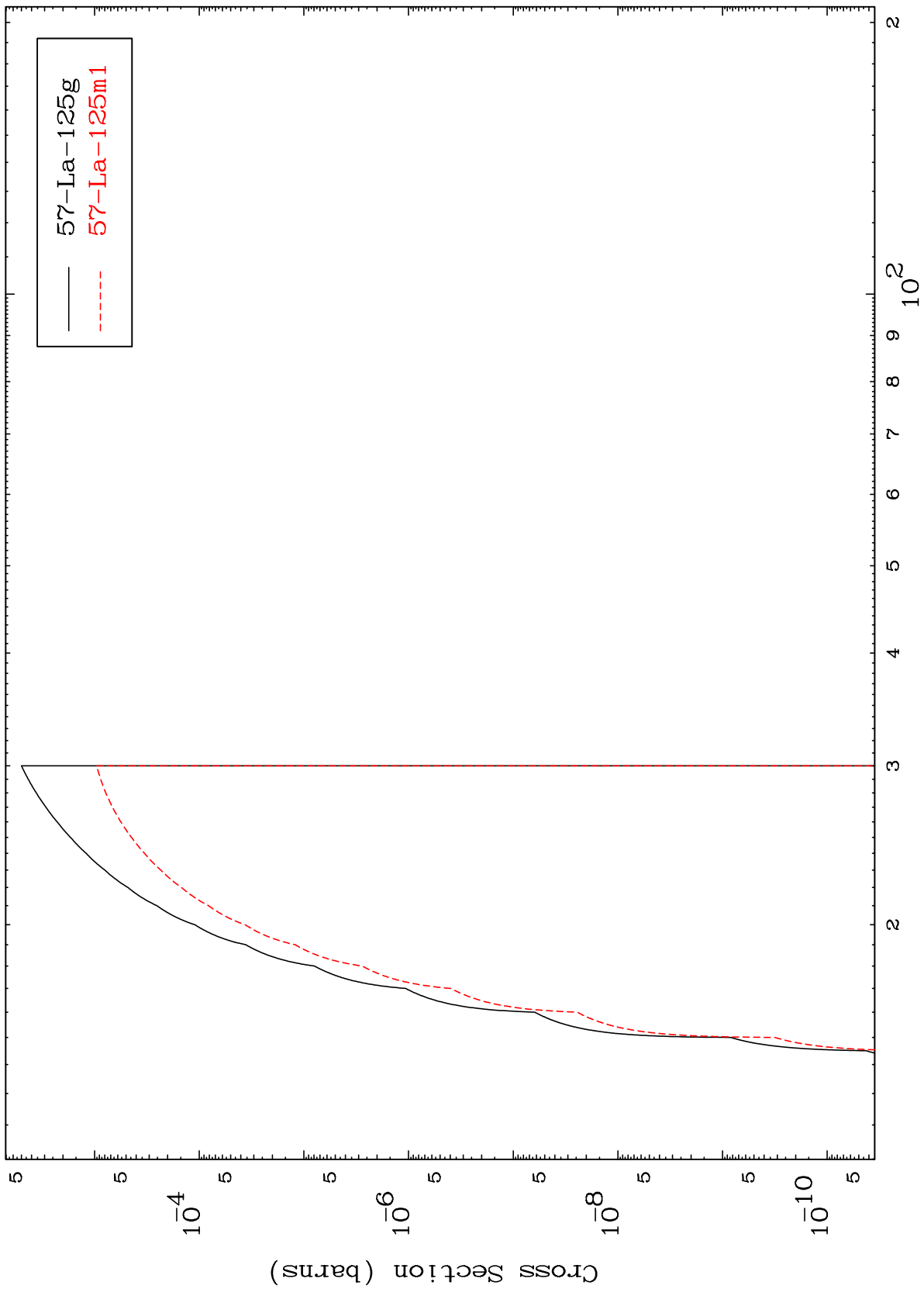


Inelastic
Radionuclide Production Cross Section

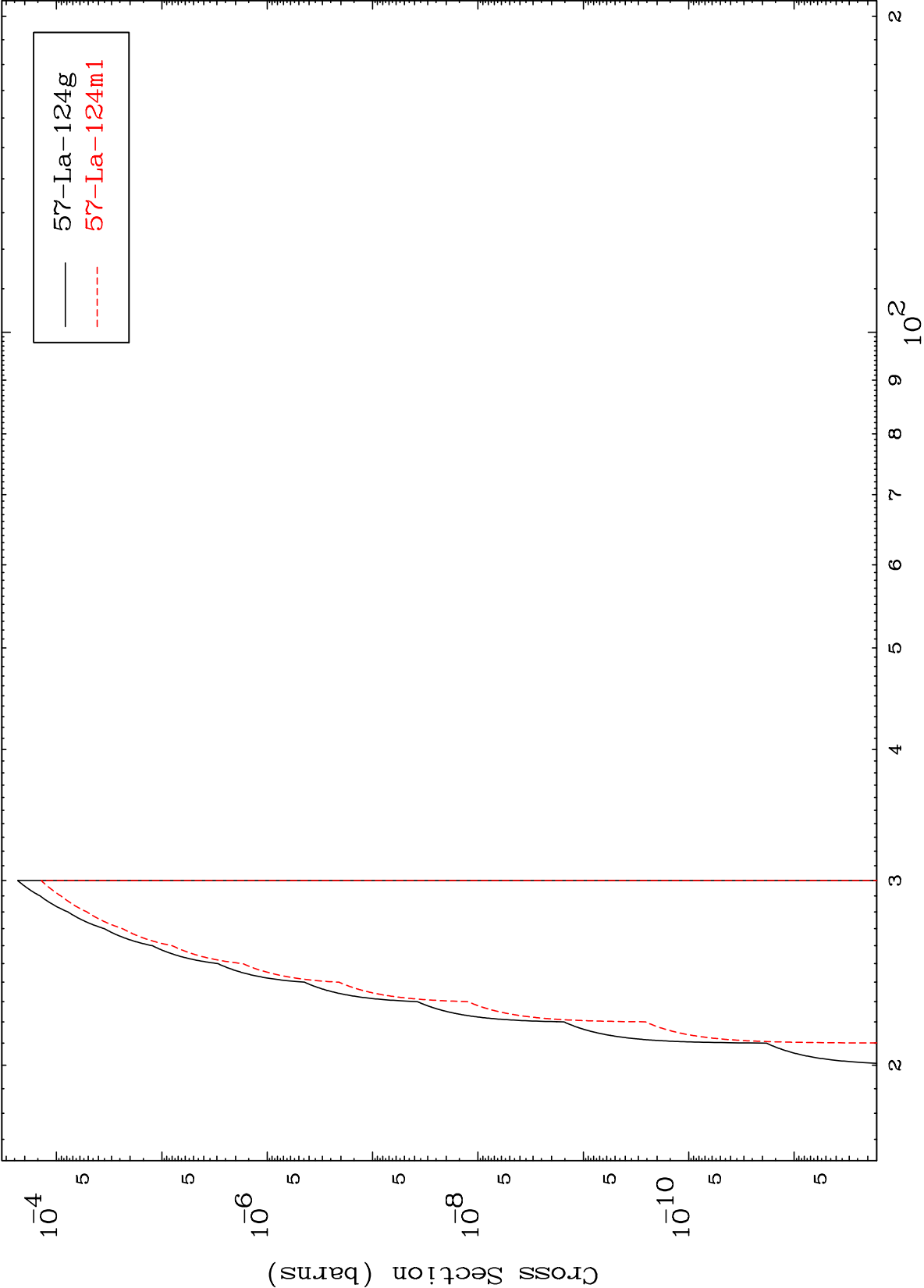




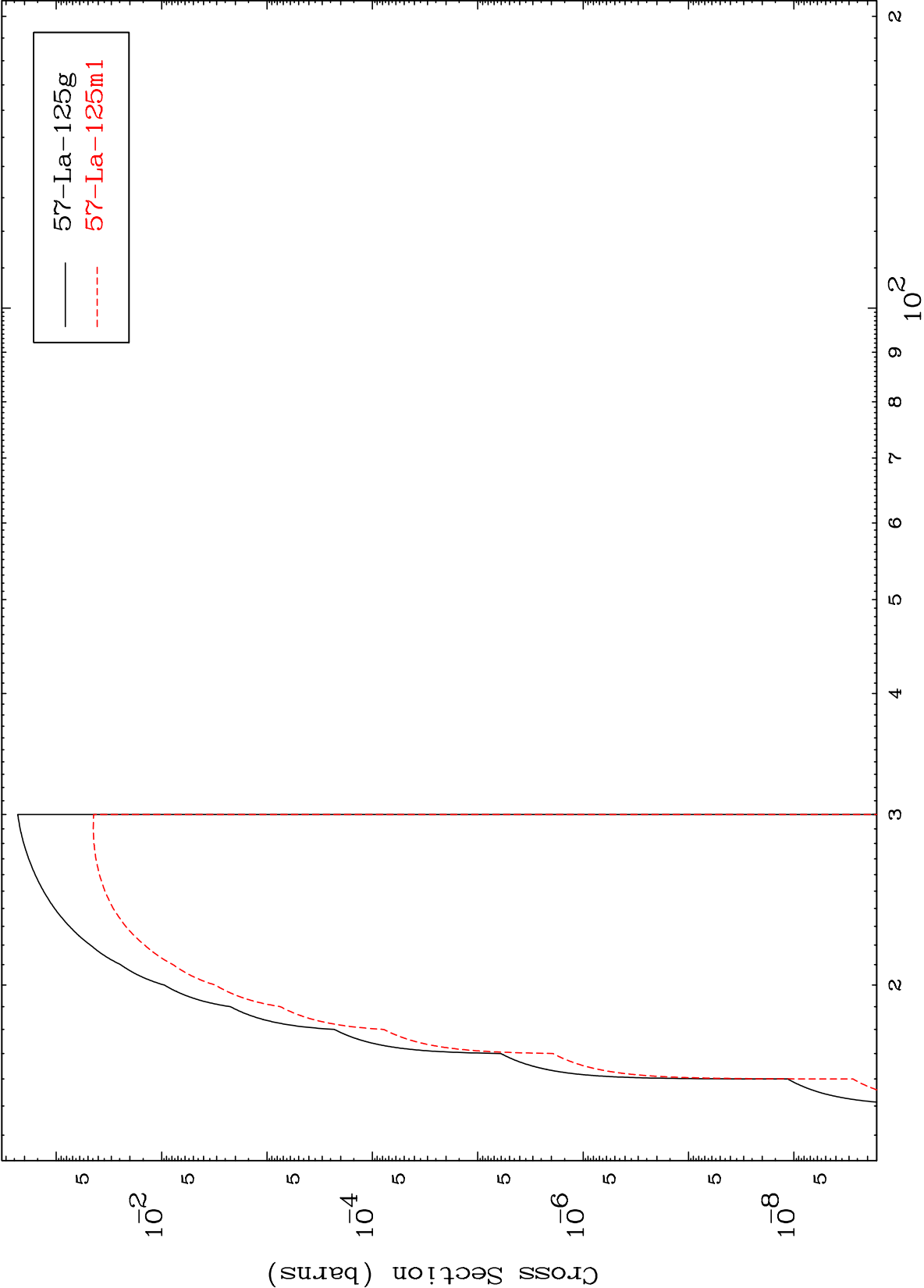
(n,n') d
Radionuclide Production Cross Section

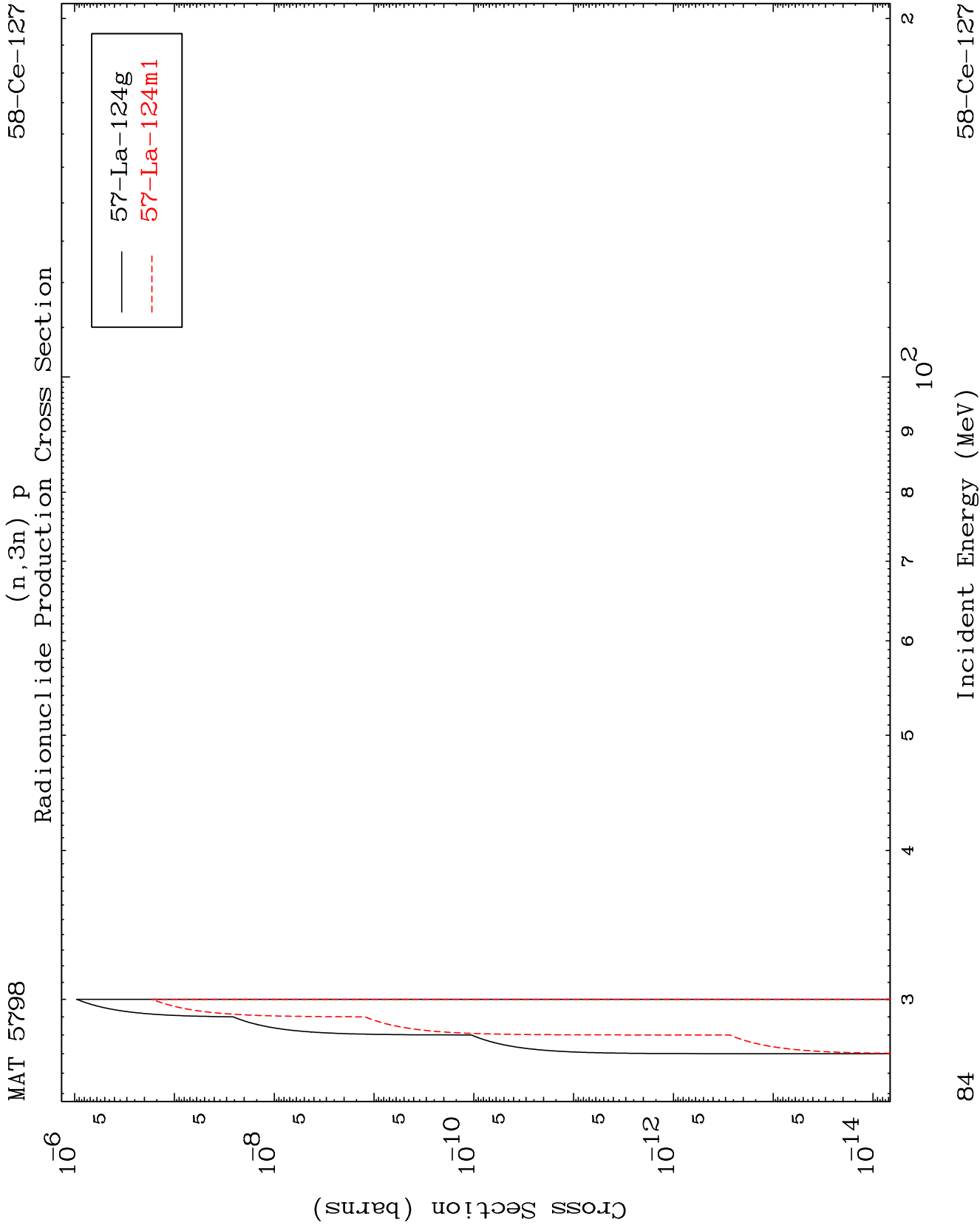


Radionuclide Production Cross Section

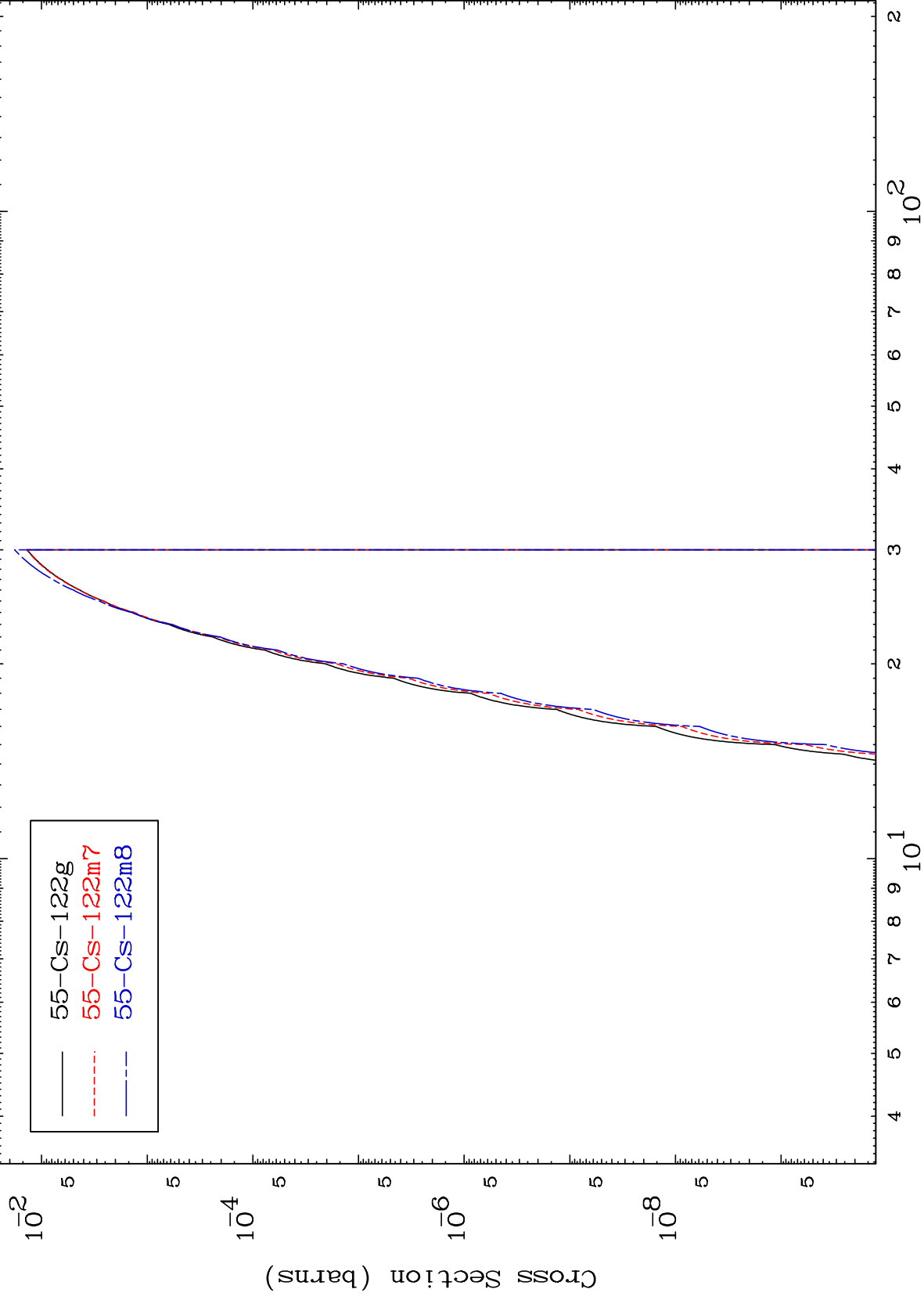


(n,2n) p
Radionuclide Production Cross Section





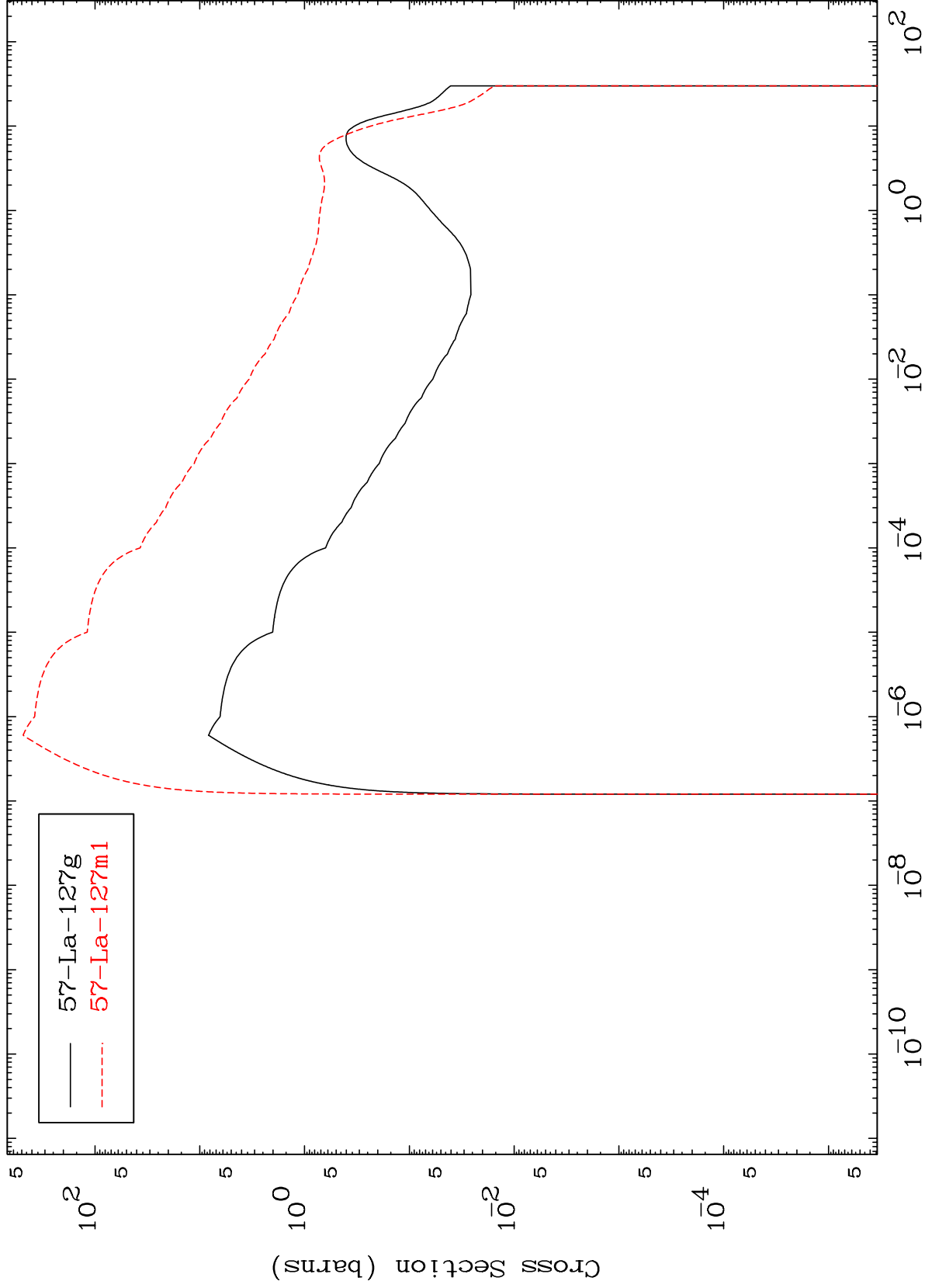
(n,n') p α
Radionuclide Production Cross Section



MAT 5798

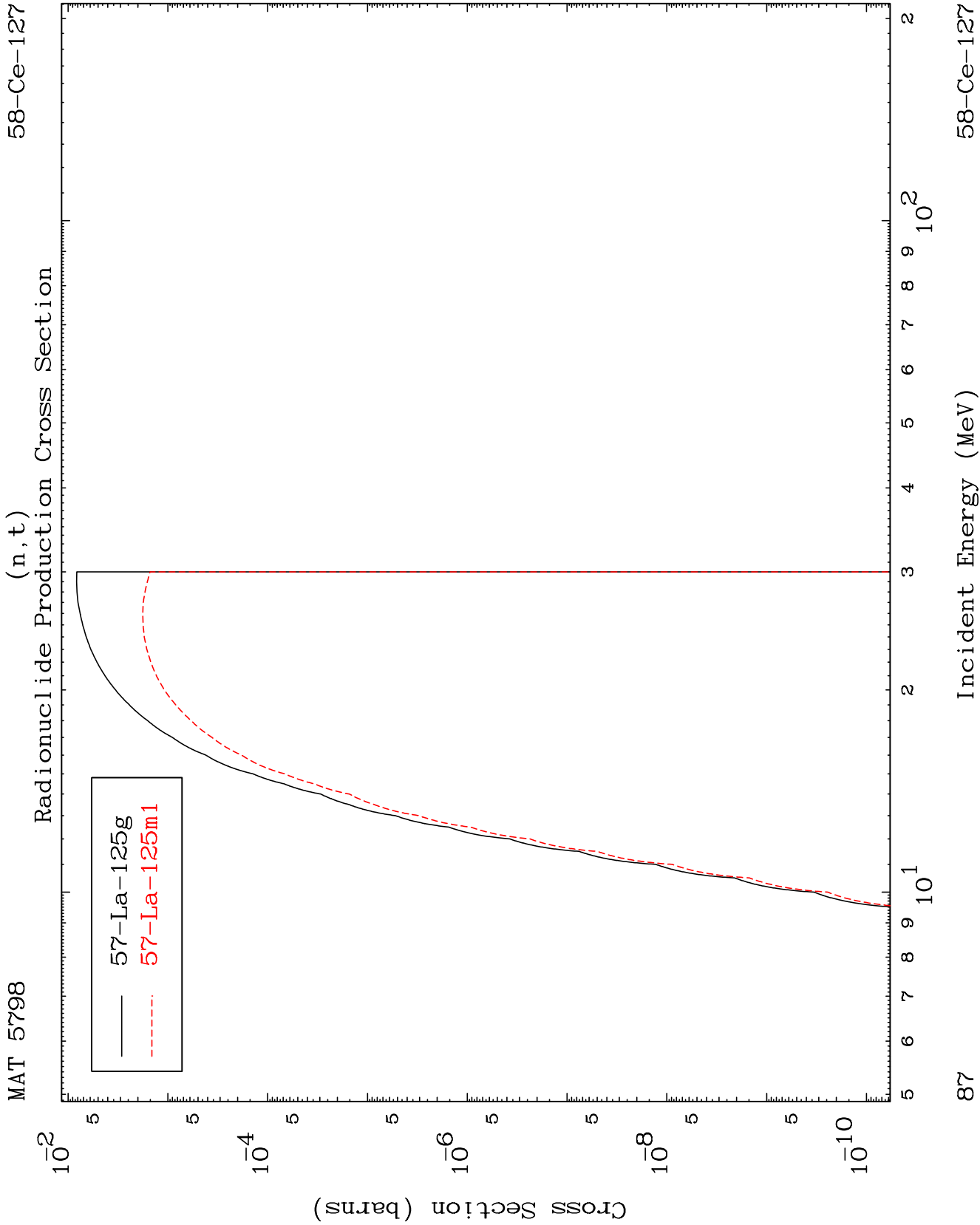
58-Ce-127

Radionuclide Production Cross Section



86

58-Ce-127

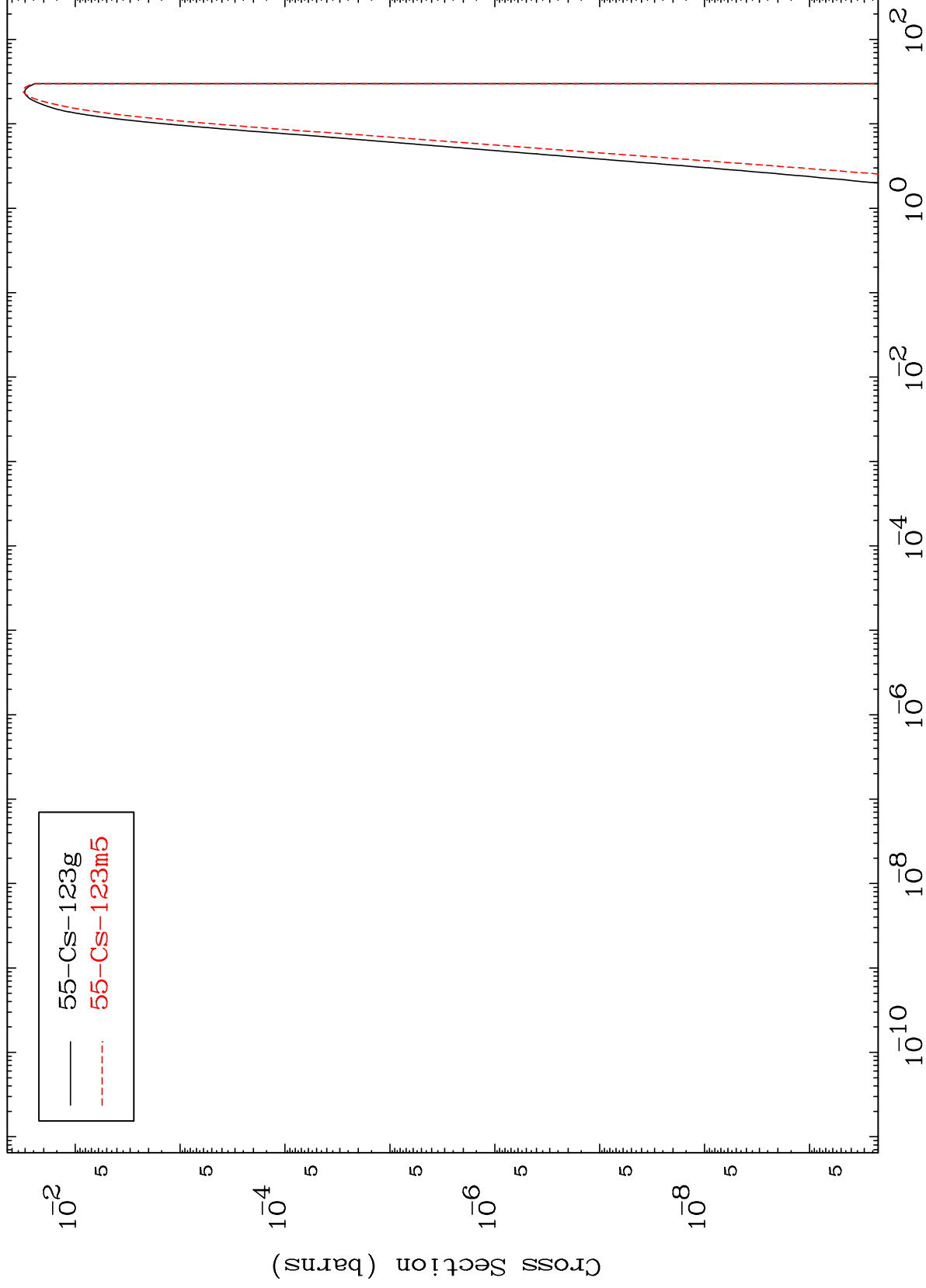


MAT 5798

(n,p) α

58-Ce-127

Radionuclide Production Cross Section



88

Incident Energy (MeV)

58-Ce-127

