

Program EVALPLOT
(Version 2021-1)

by

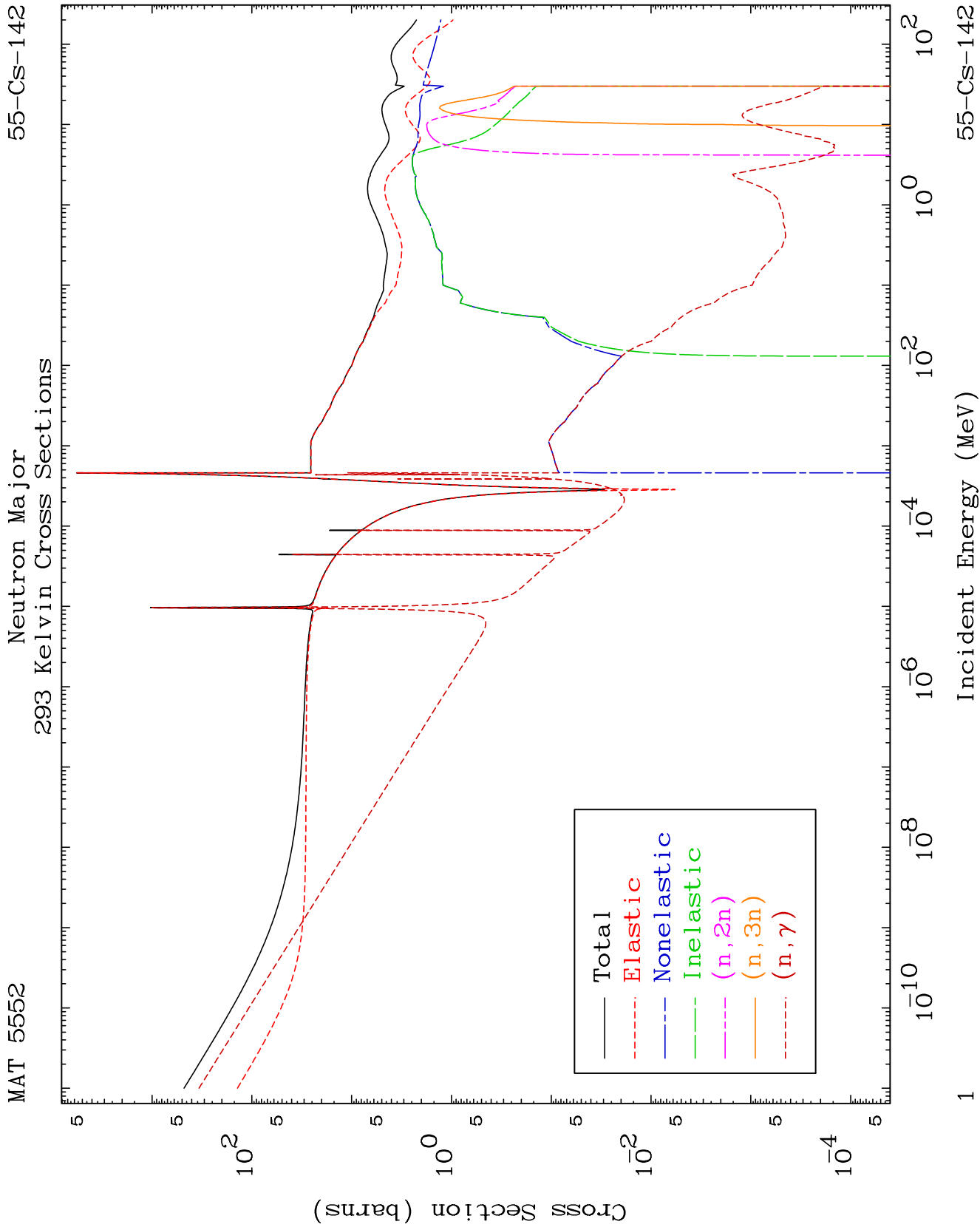
Dermott E. Cullen
(Present Contact Information)

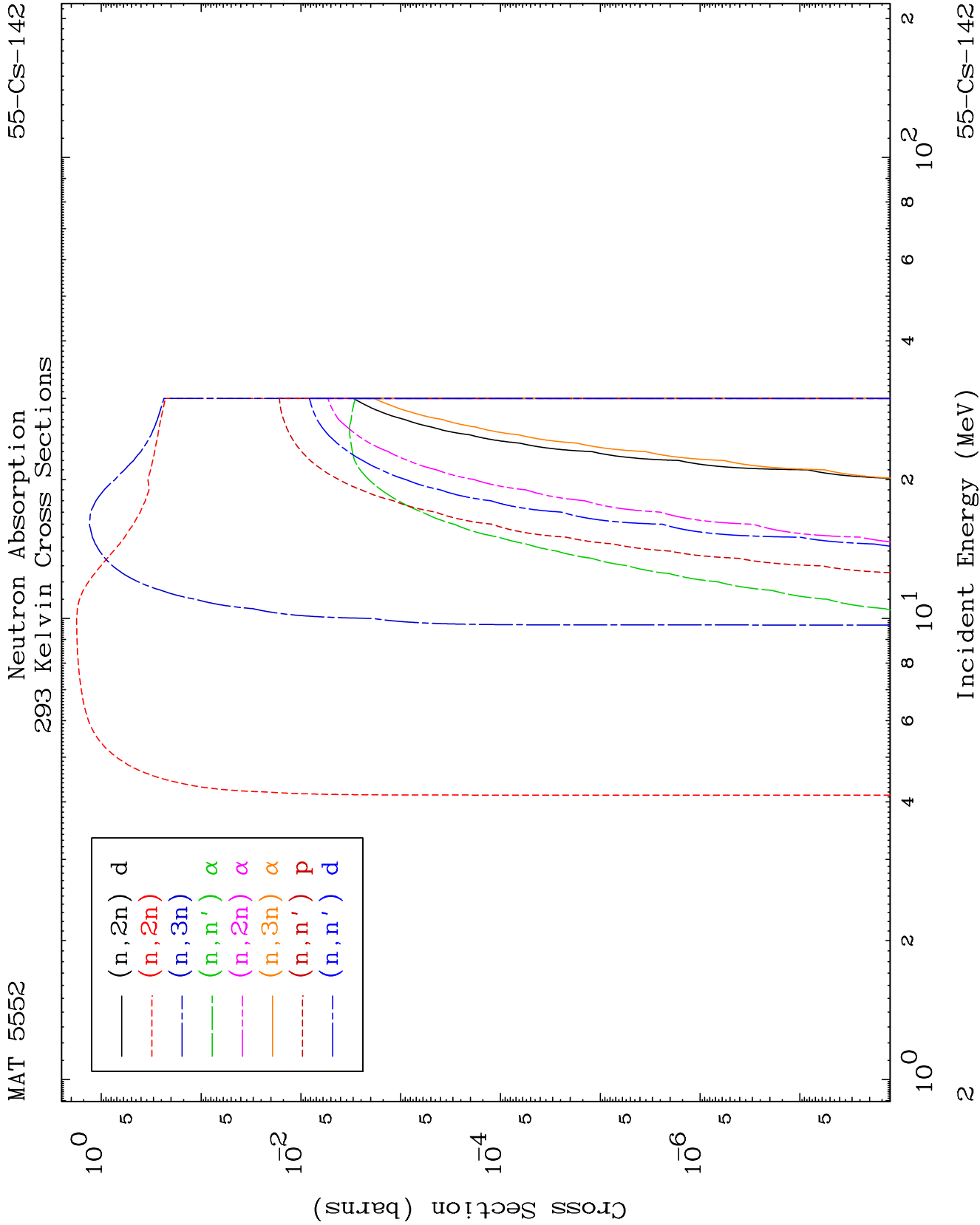
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

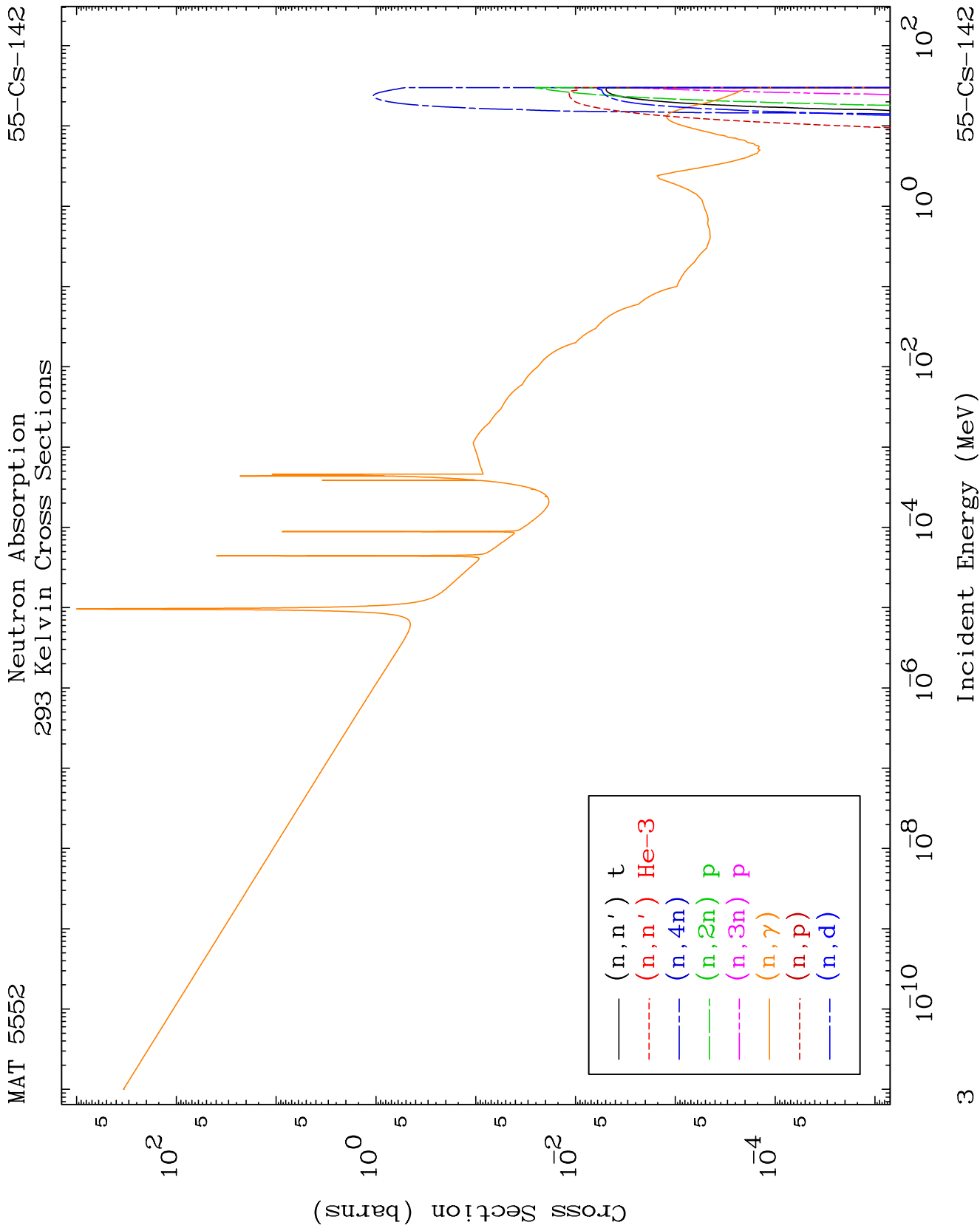
Tele: 925-443-1911

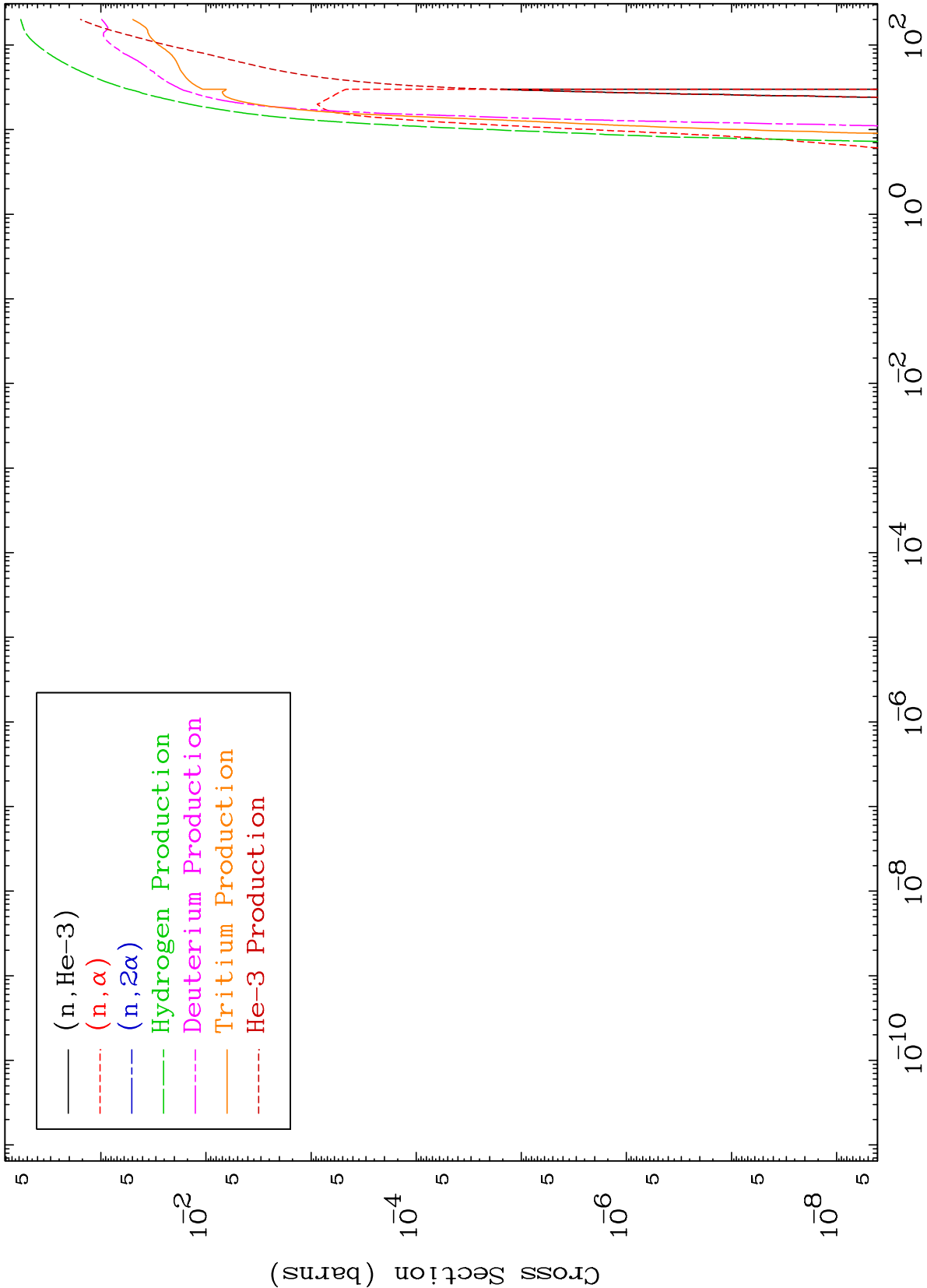
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





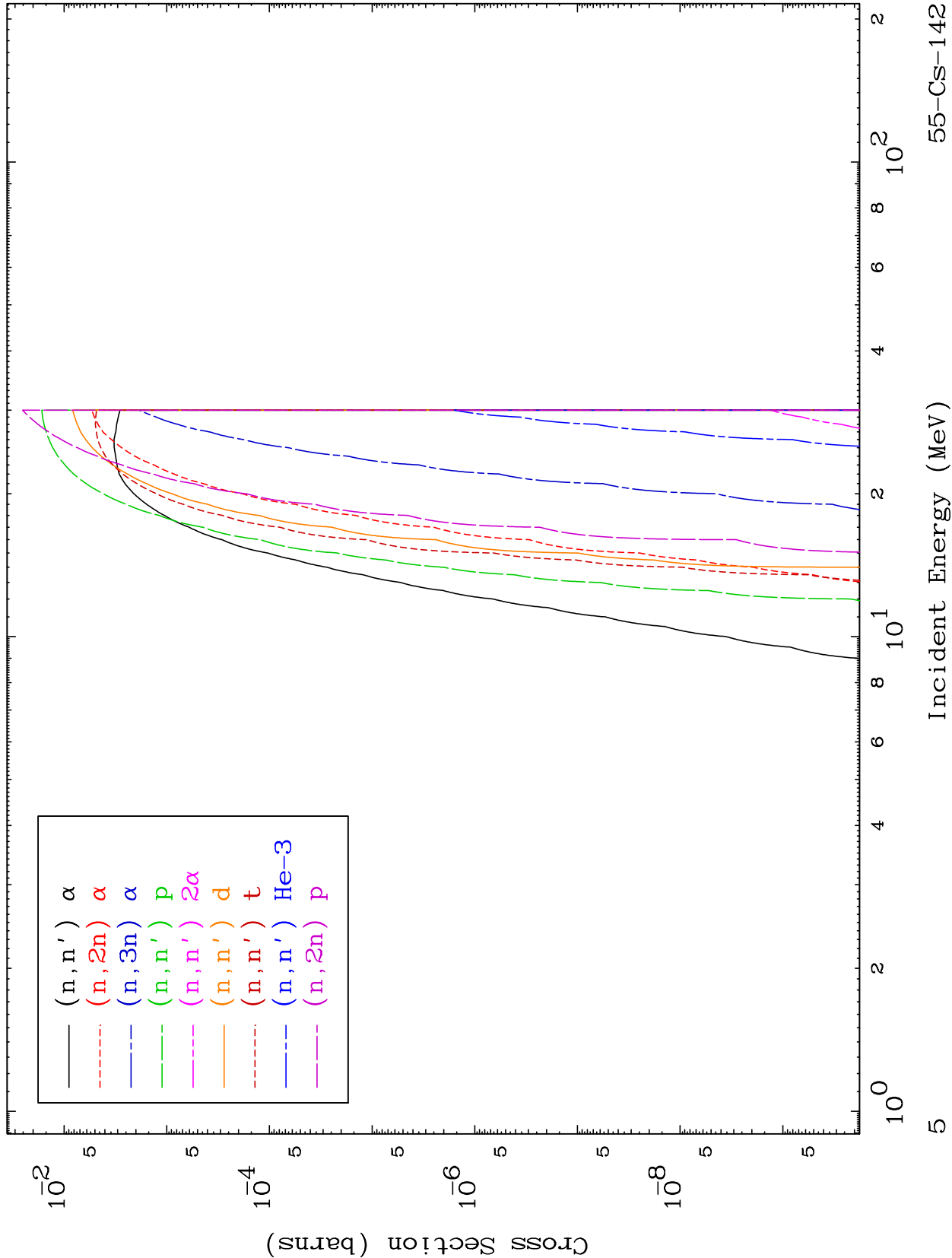


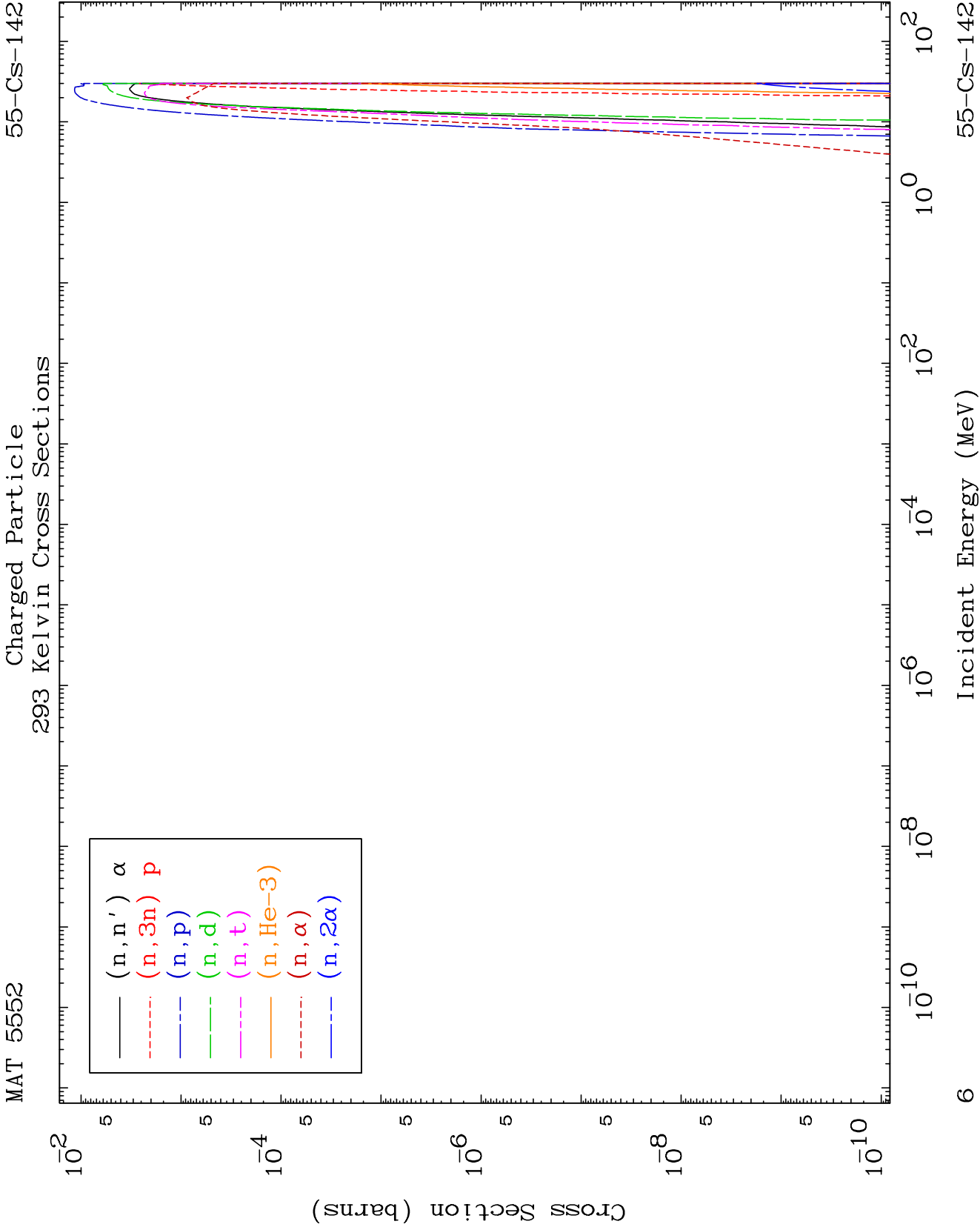


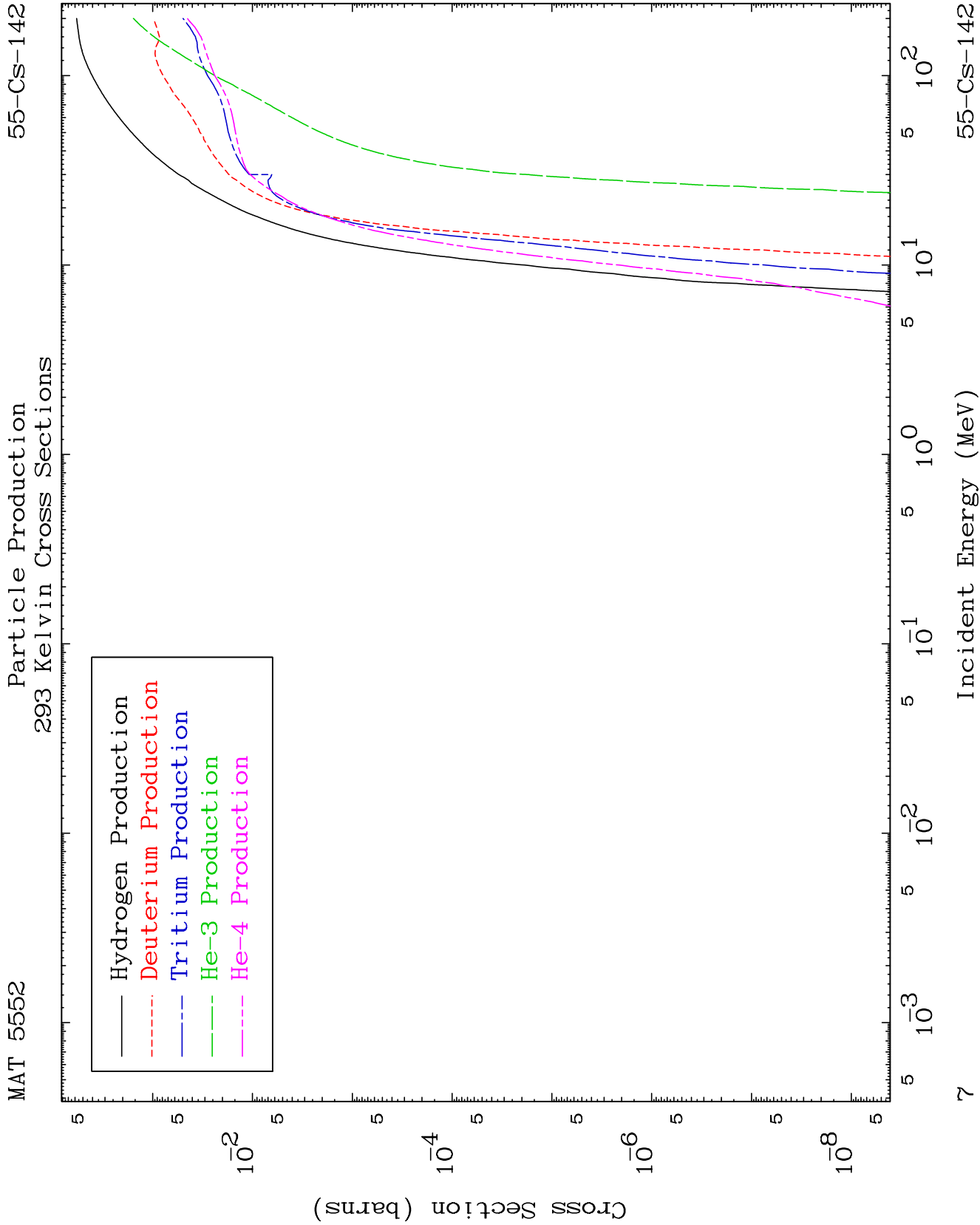
MAT 5552

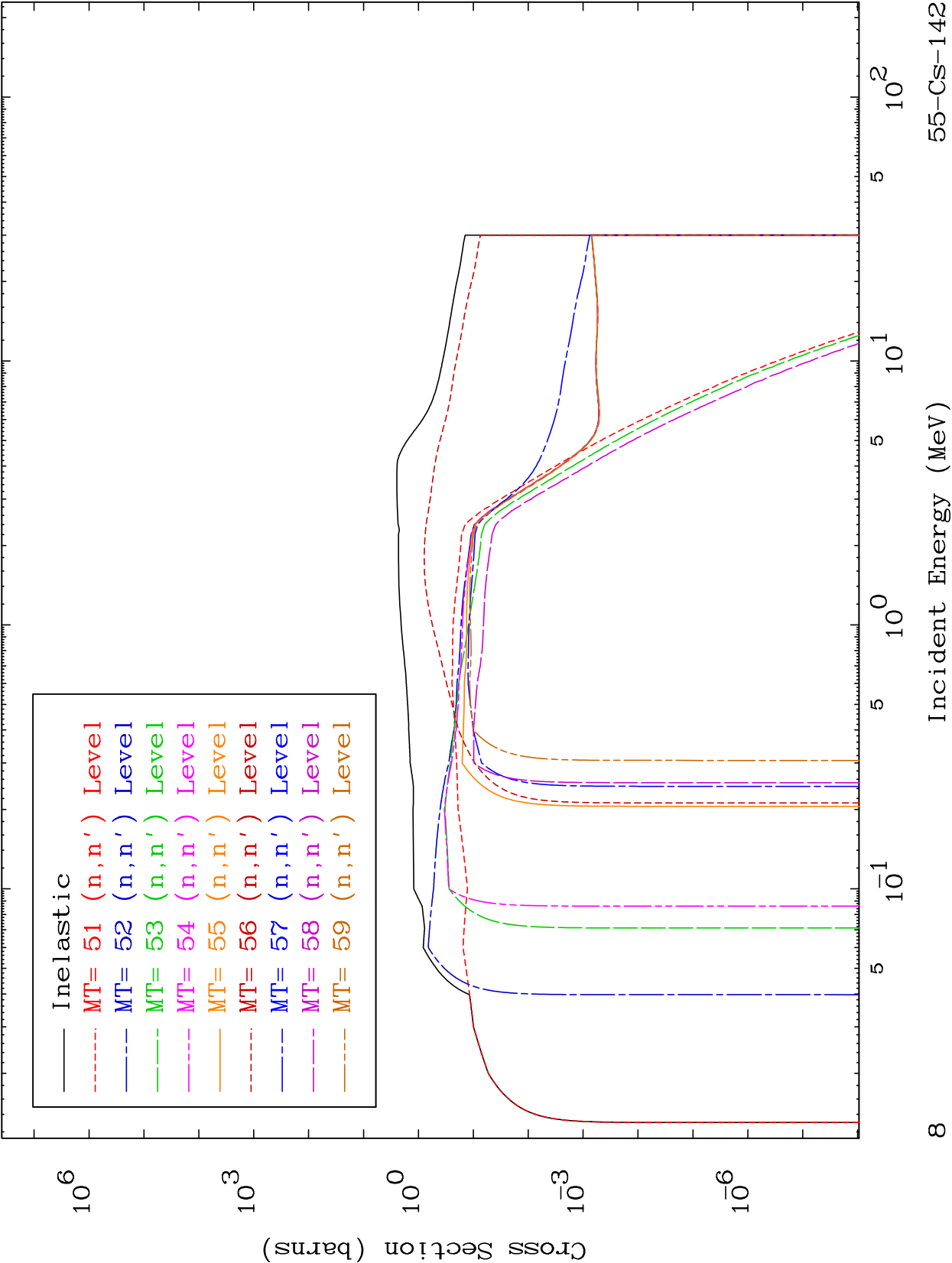
Charged Particle
293 Kelvin Cross Sections

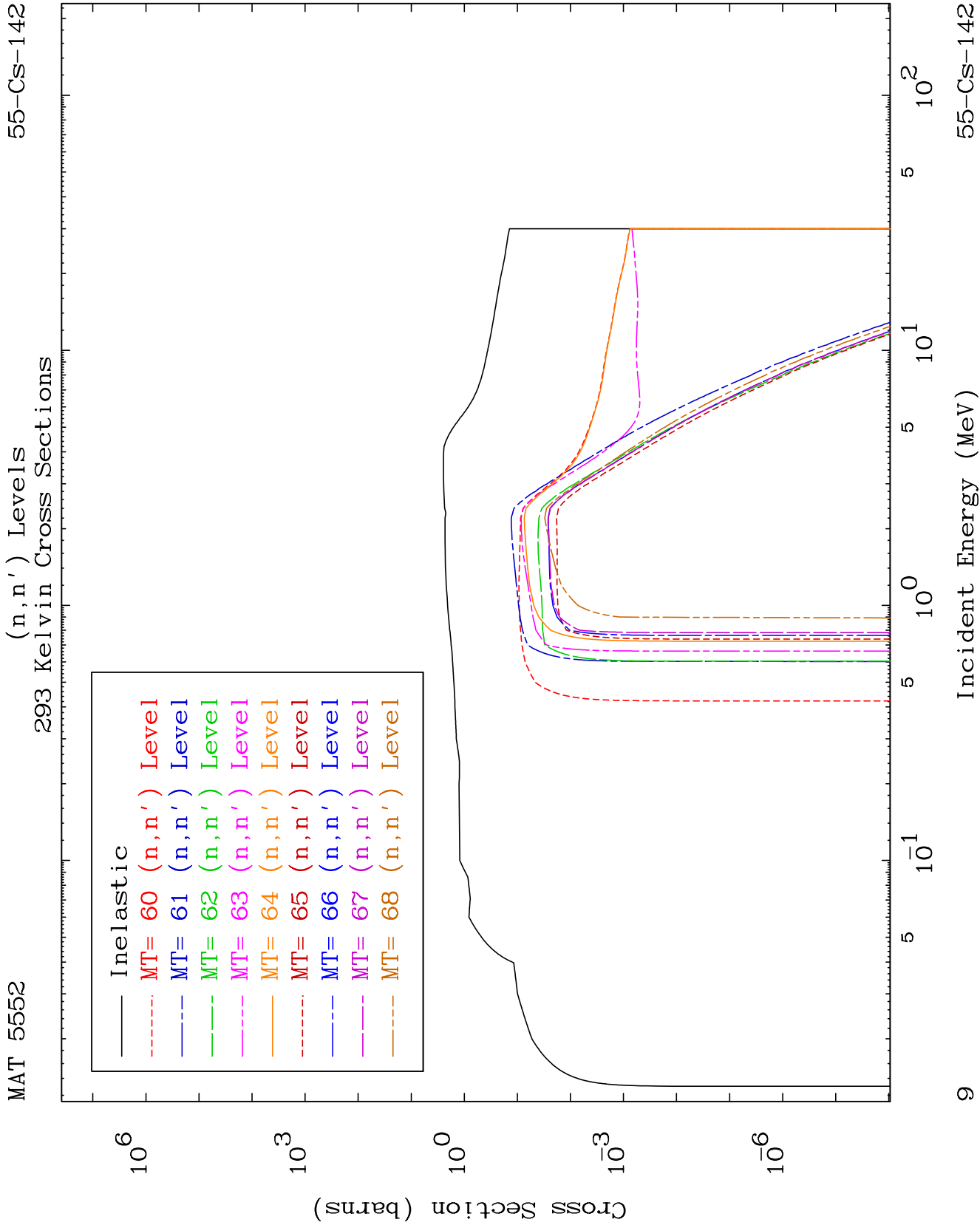
55-Cs-142

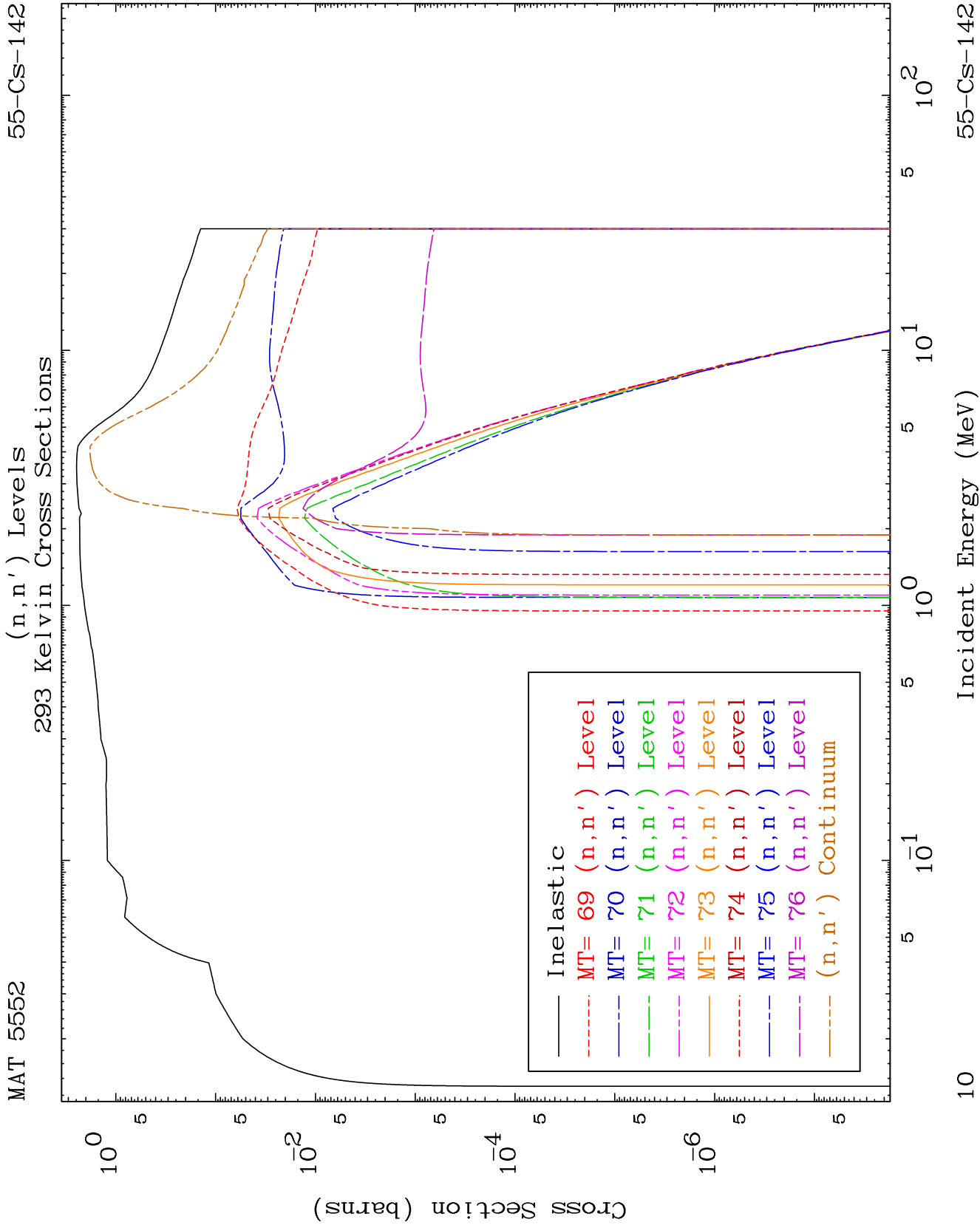








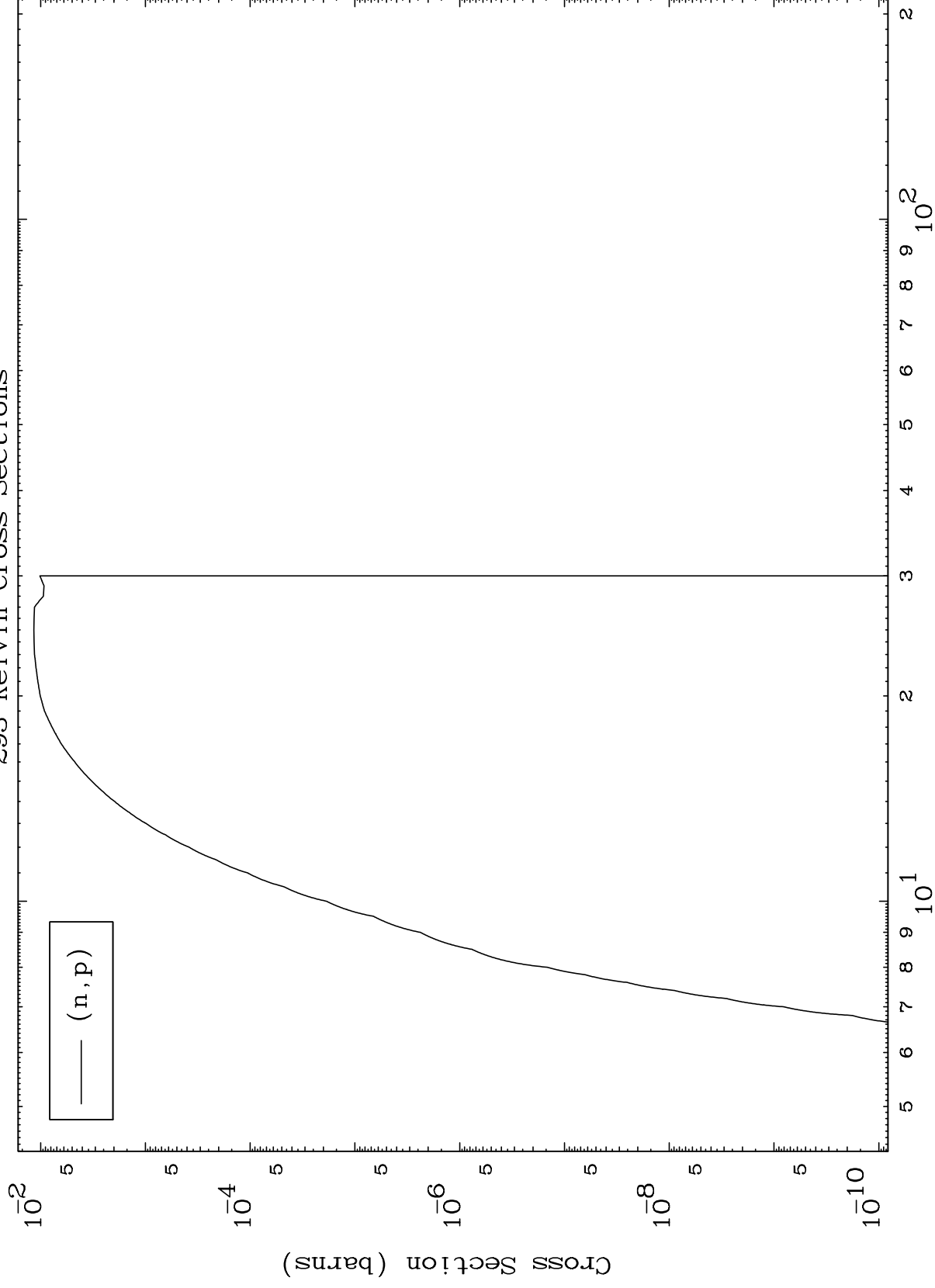




MAT 5552

55-Cs-142

(n,p) Levels
293 Kelvin Cross Sections



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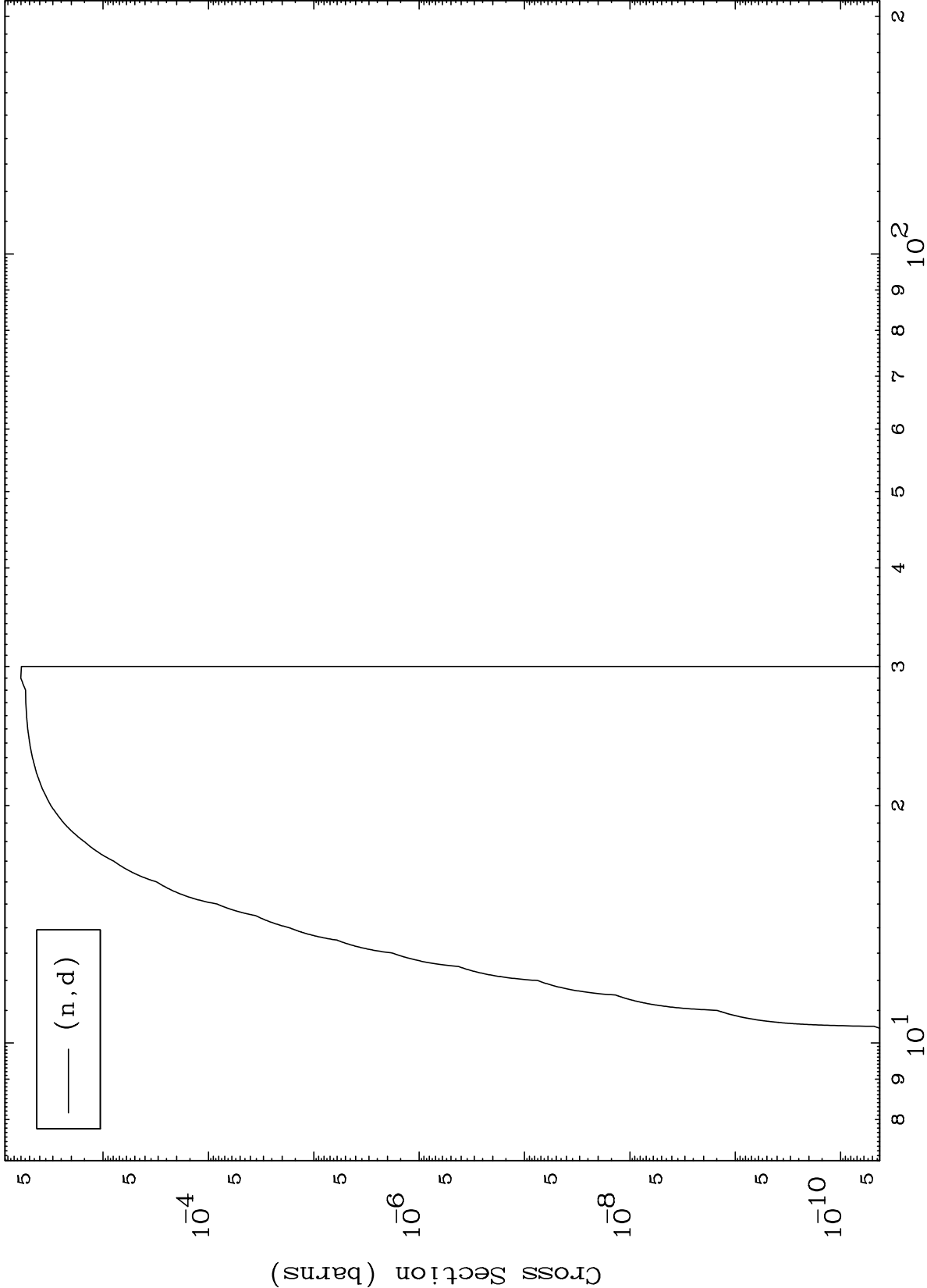
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-142

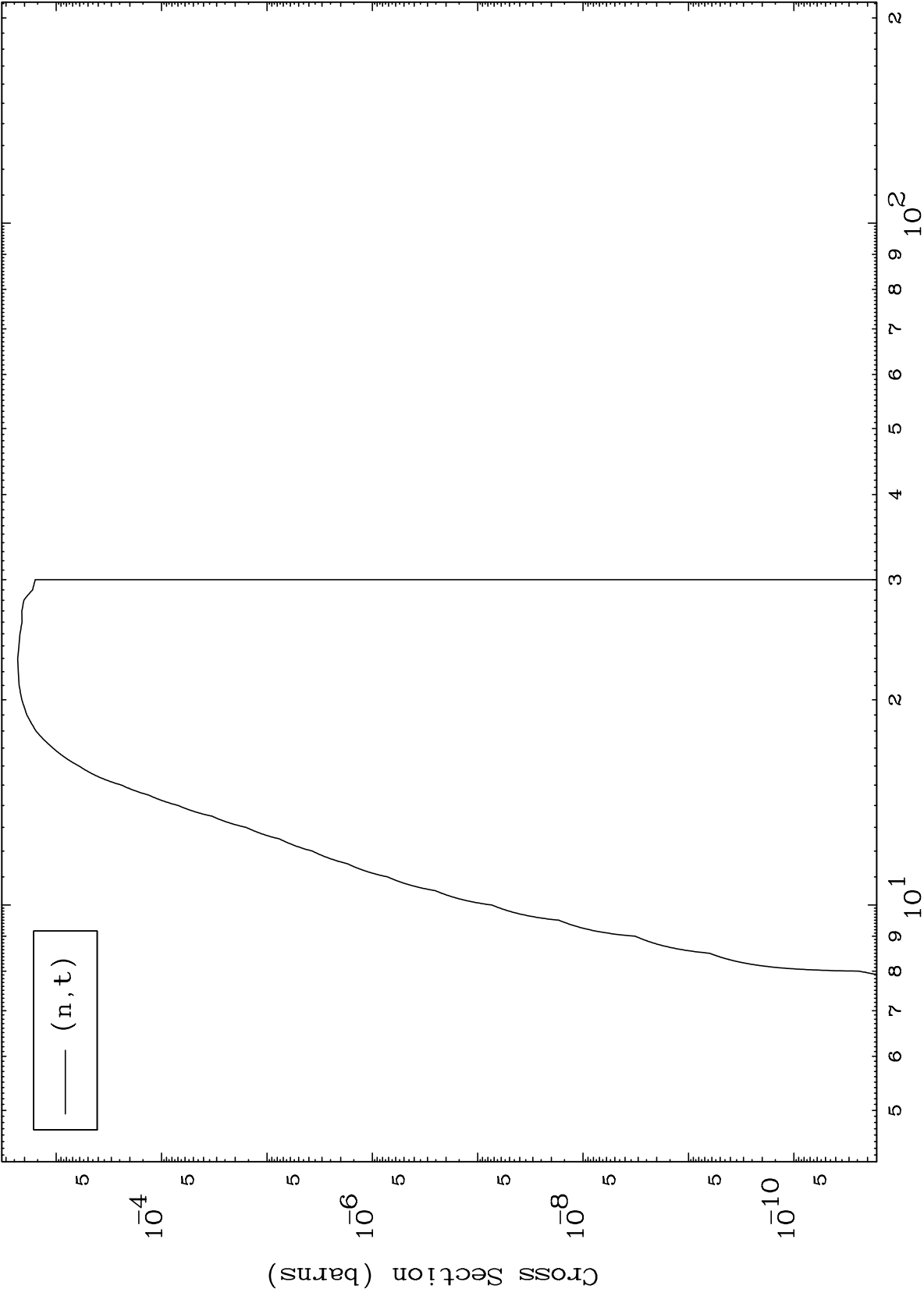


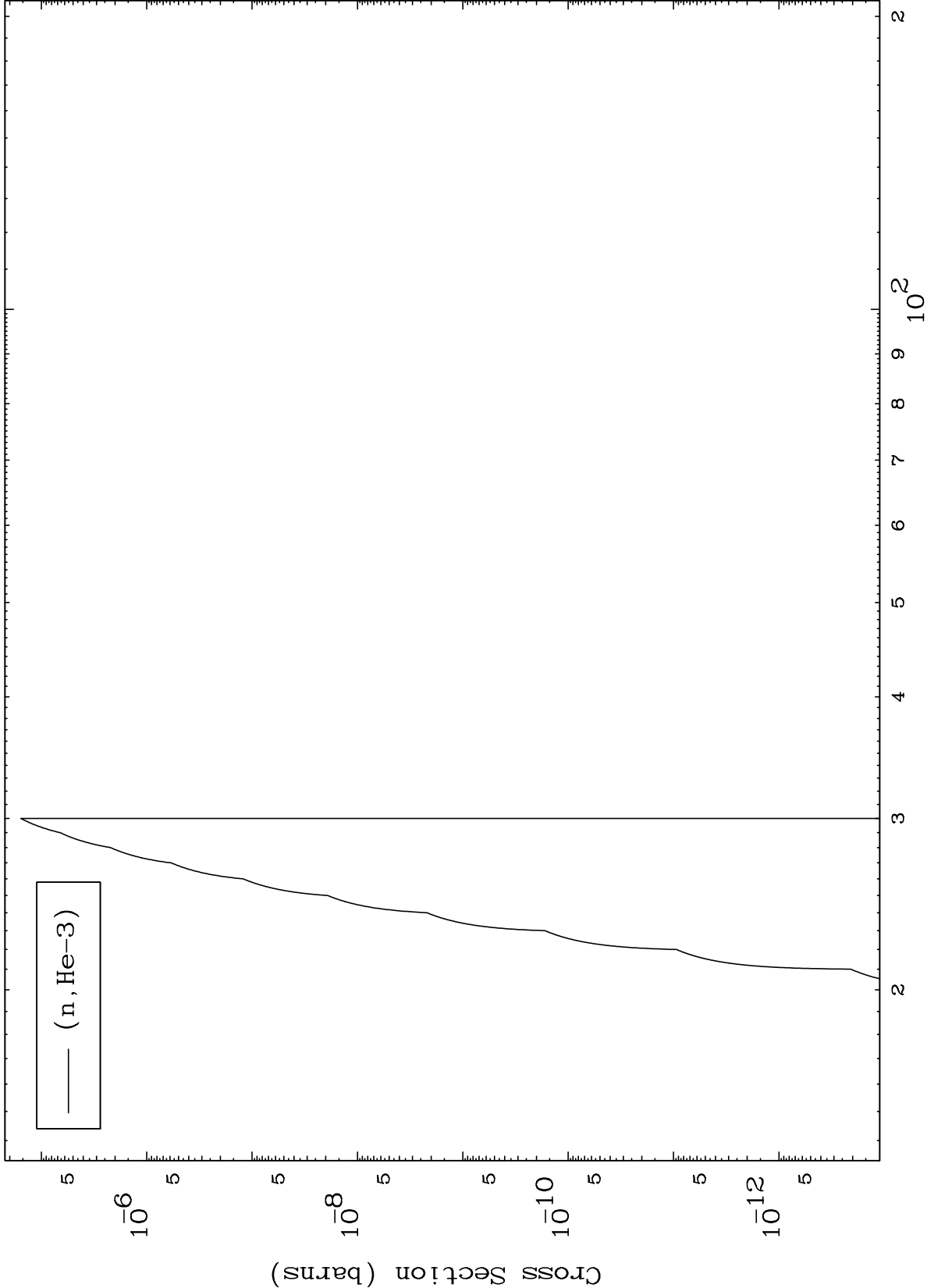
Incident Energy (MeV)

55-Cs-142

12

(n,t) Levels
293 Kelvin Cross Sections

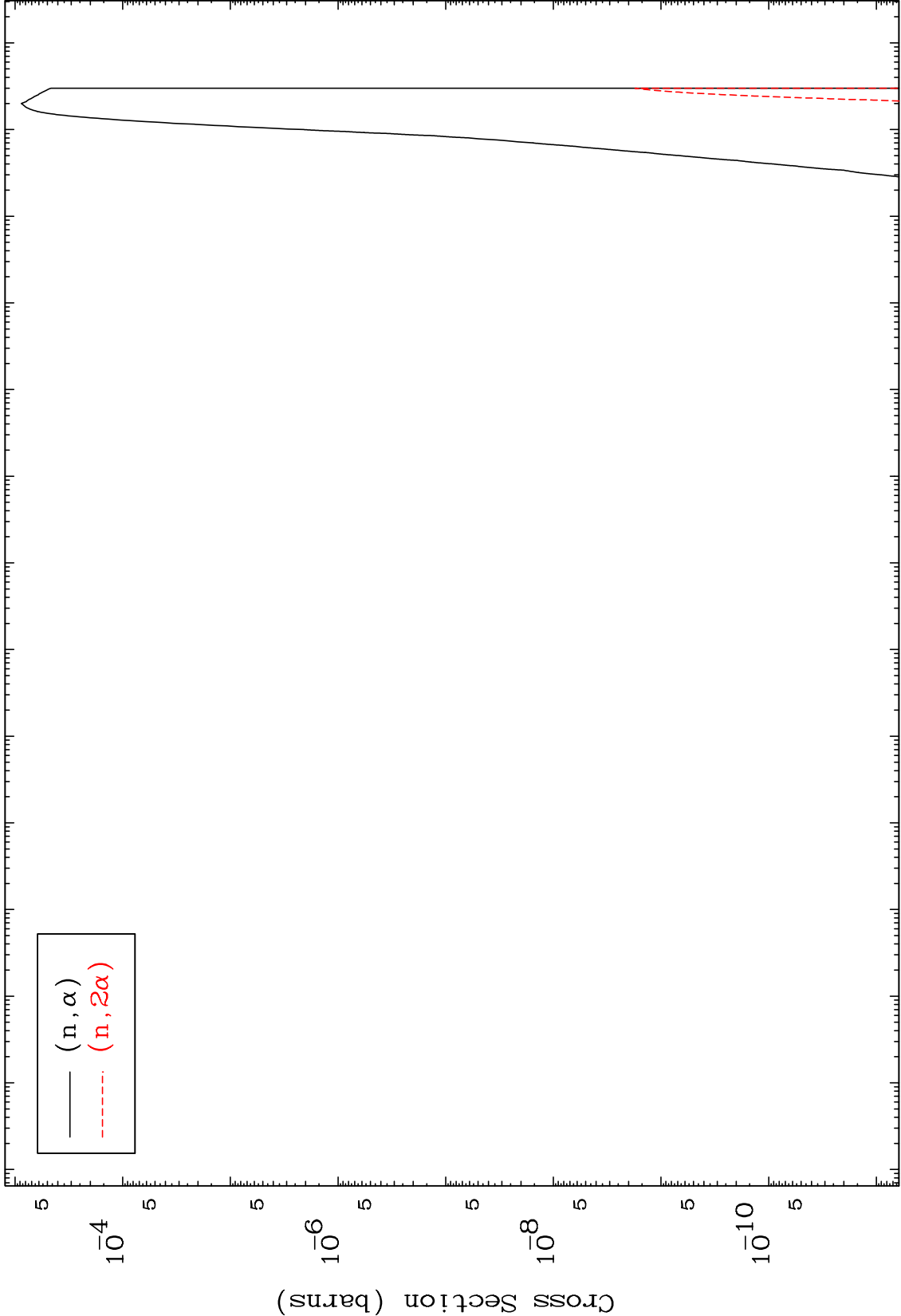




MAT 5552

(n, α) Levels
293 Kelvin Cross Sections

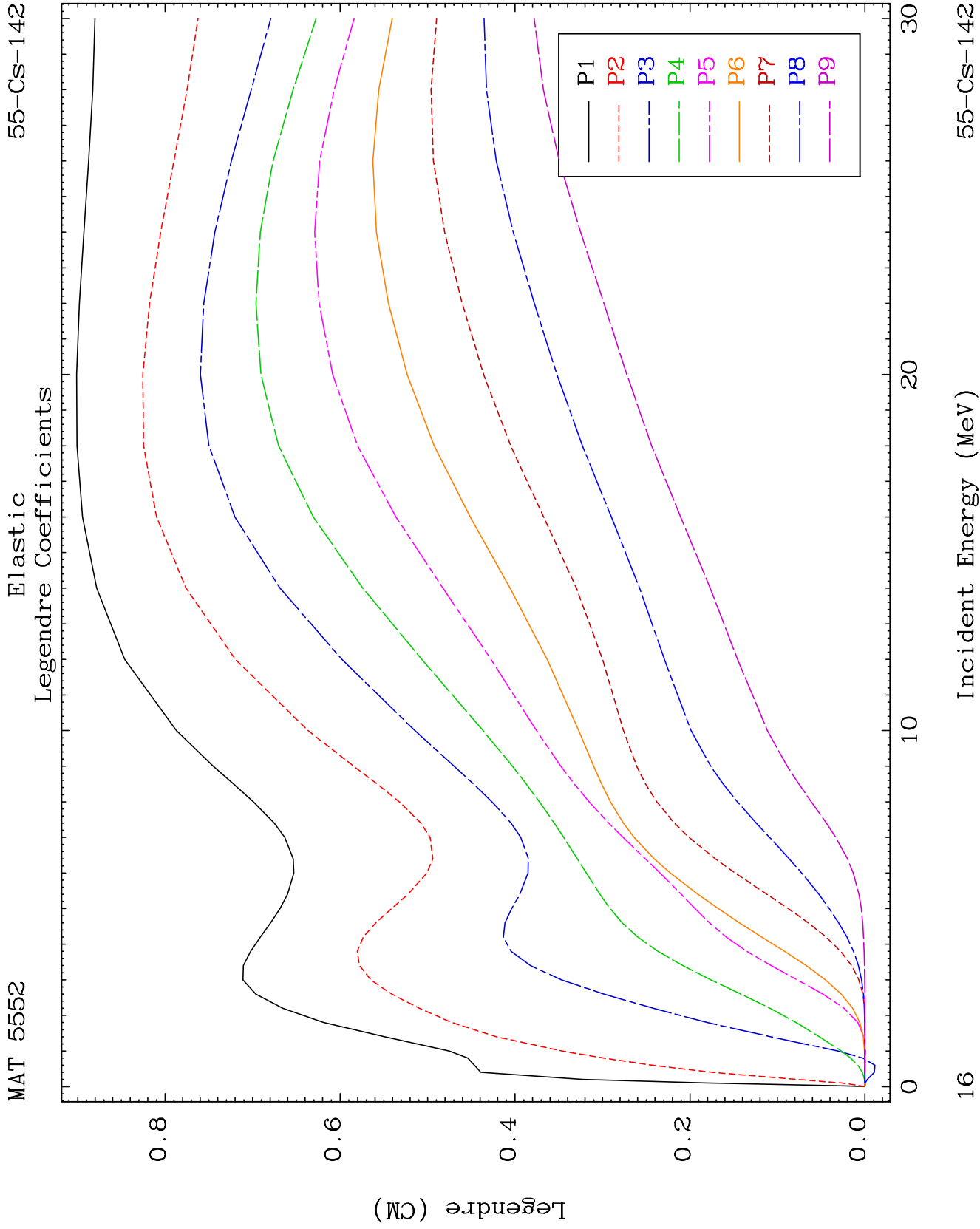
55-Cs-142

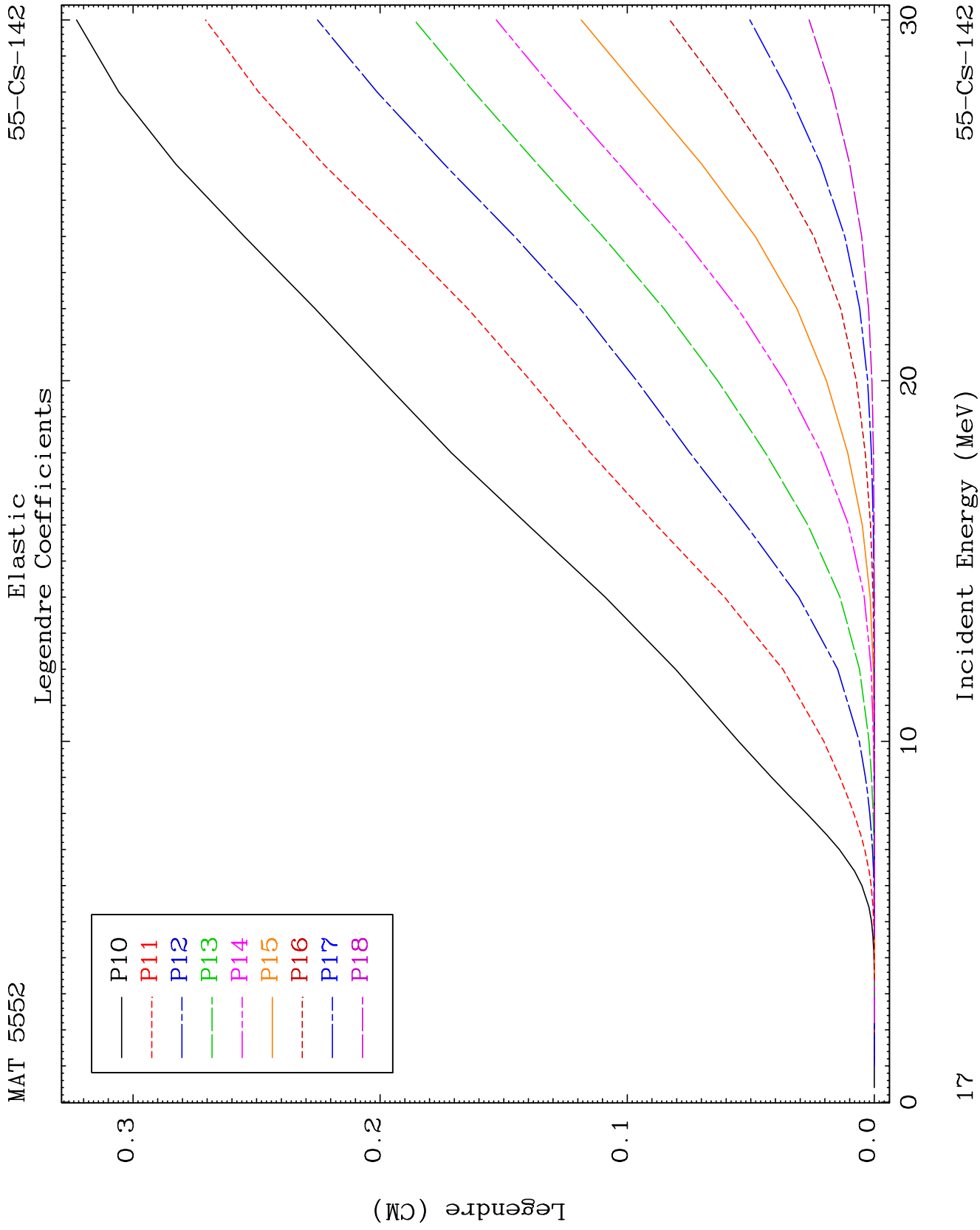


15

Incident Energy (MeV)

55-Cs-142

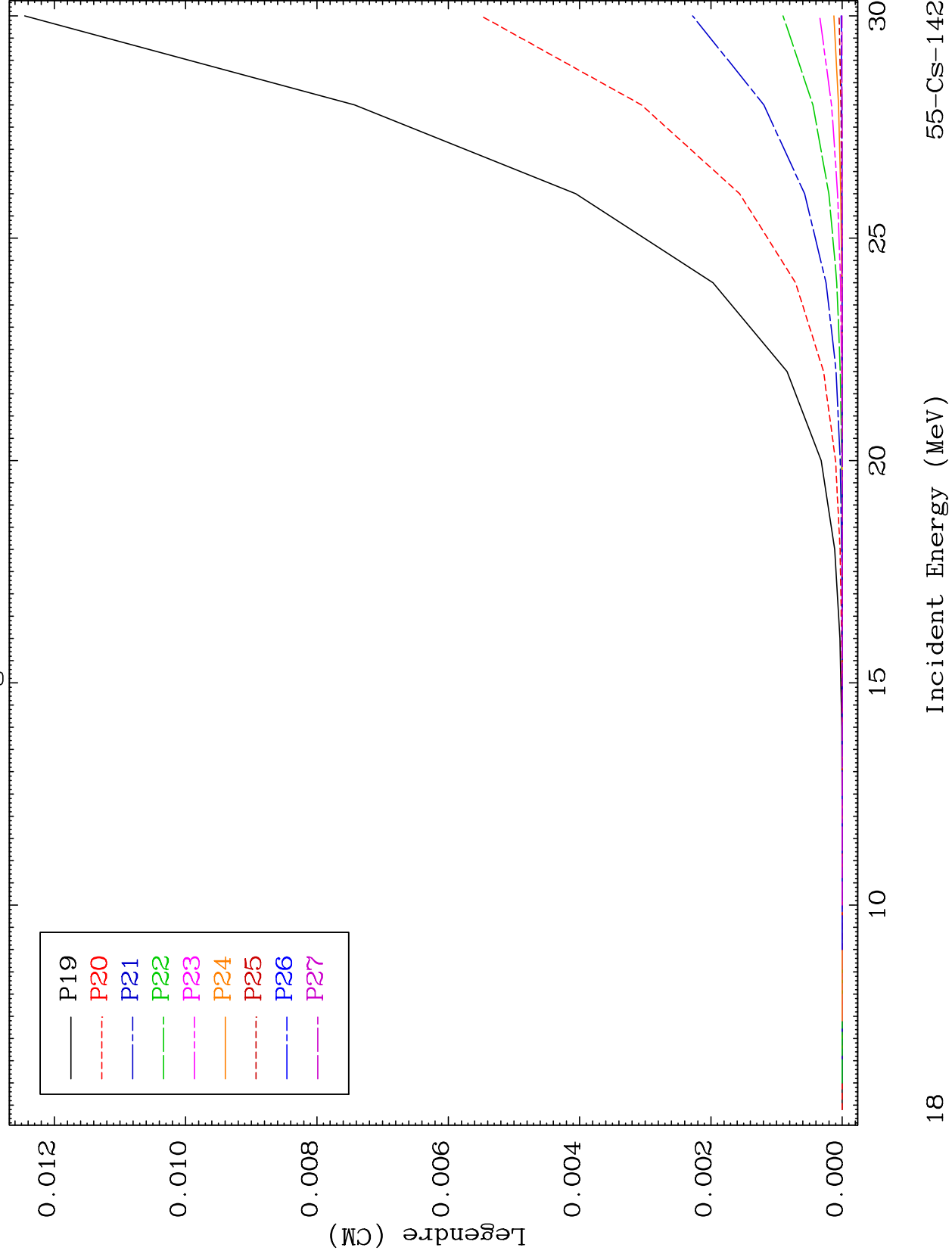


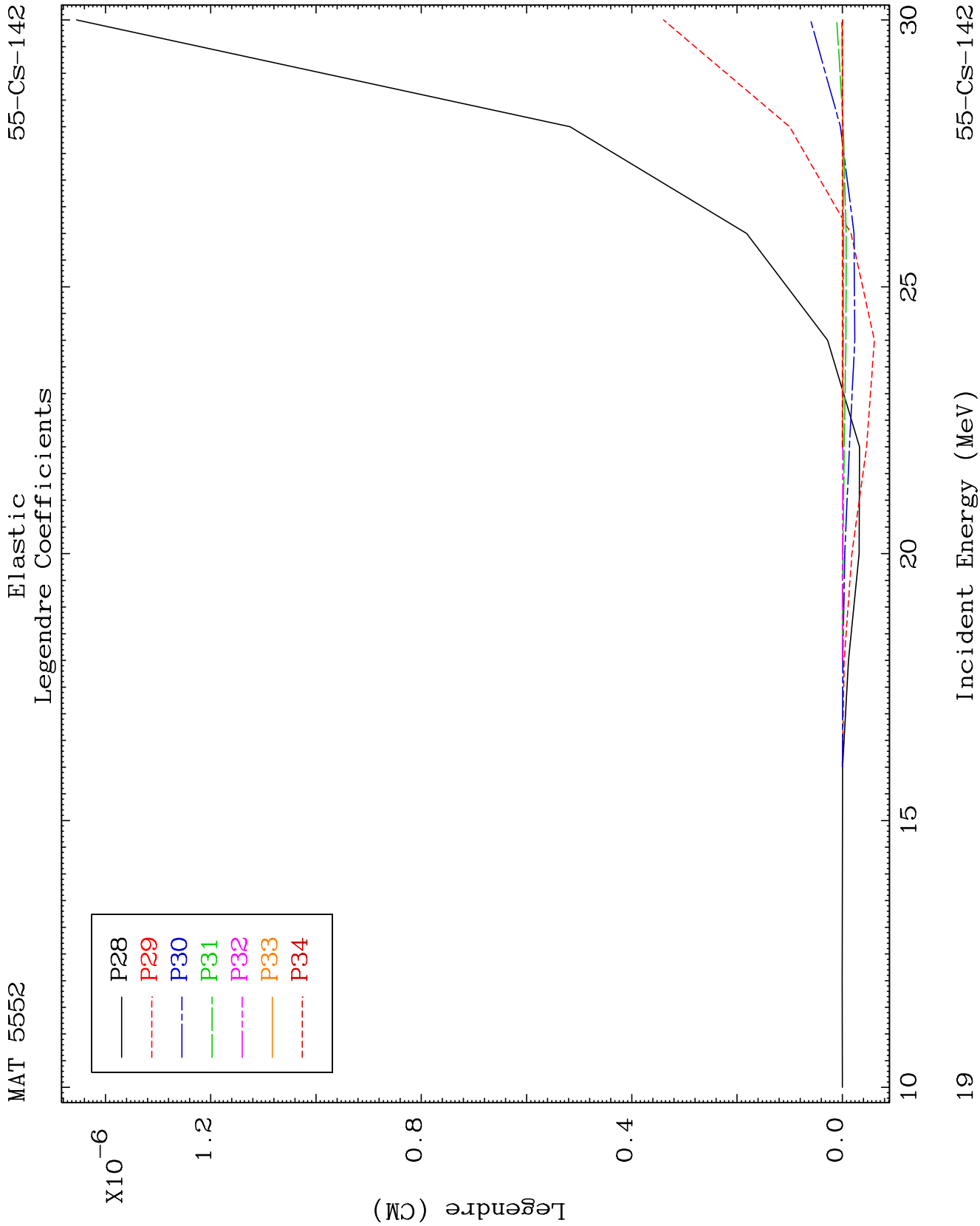


MAT 5552

Elastic Legendre Coefficients

55-CS-142

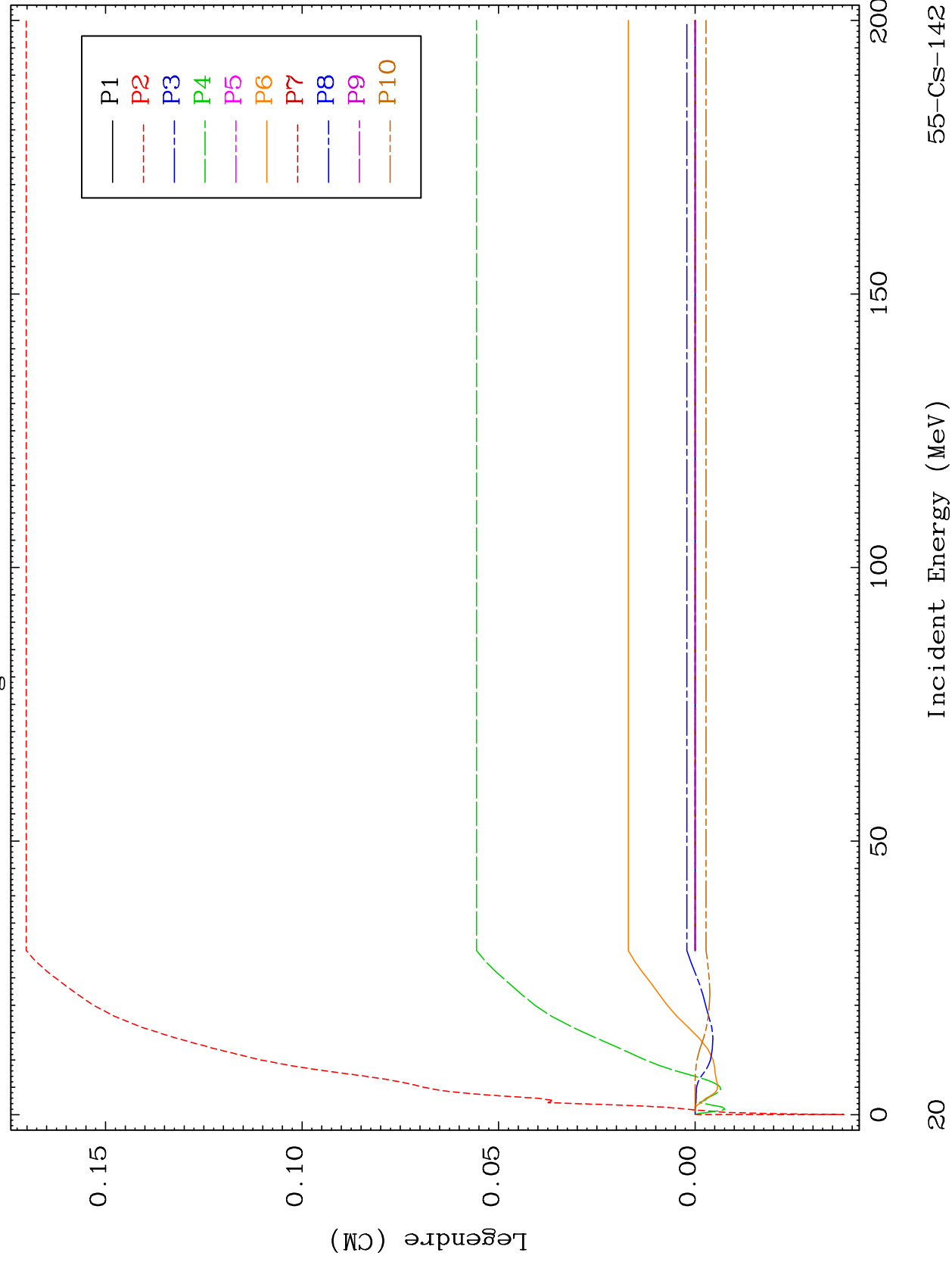




MAT 5552

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

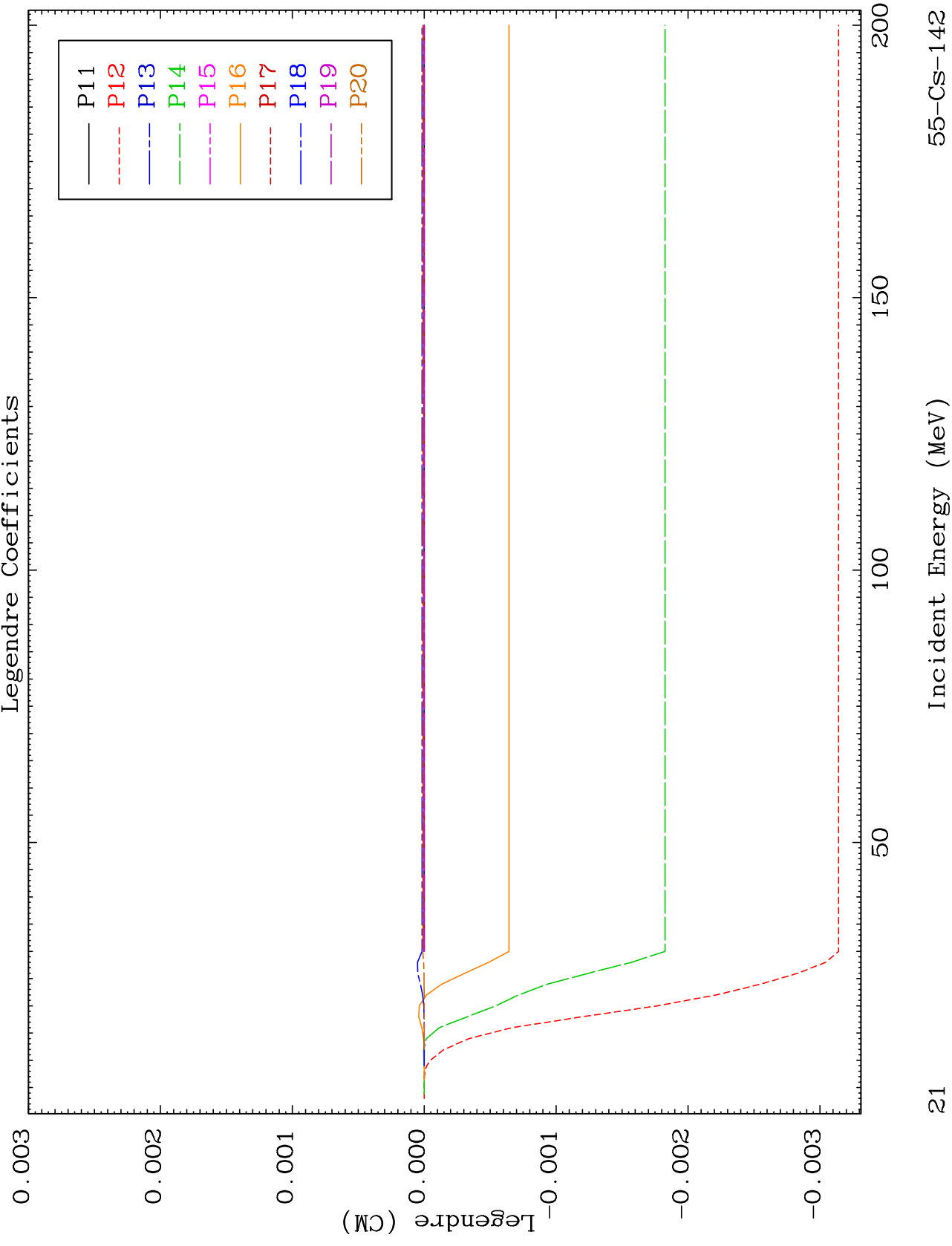
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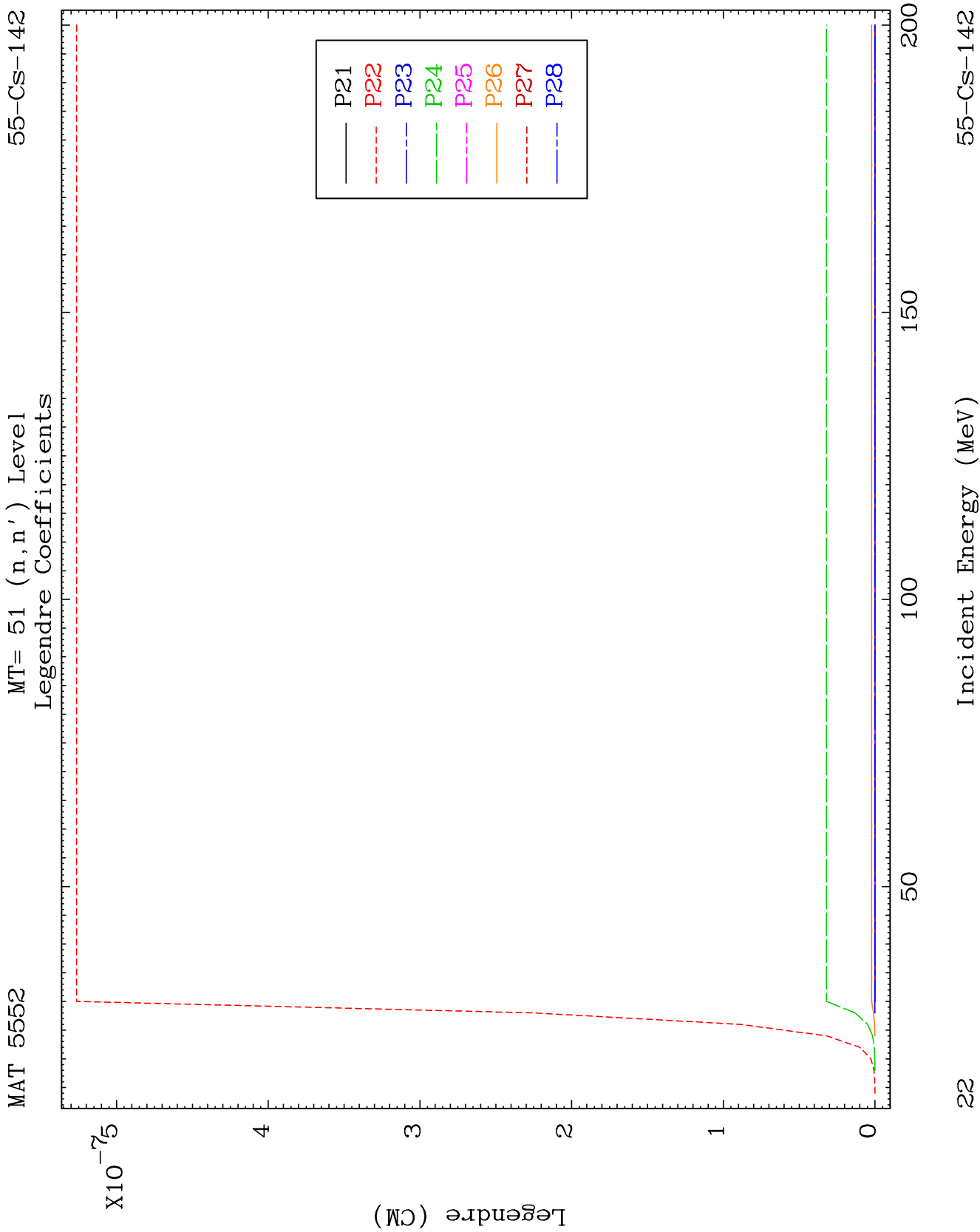


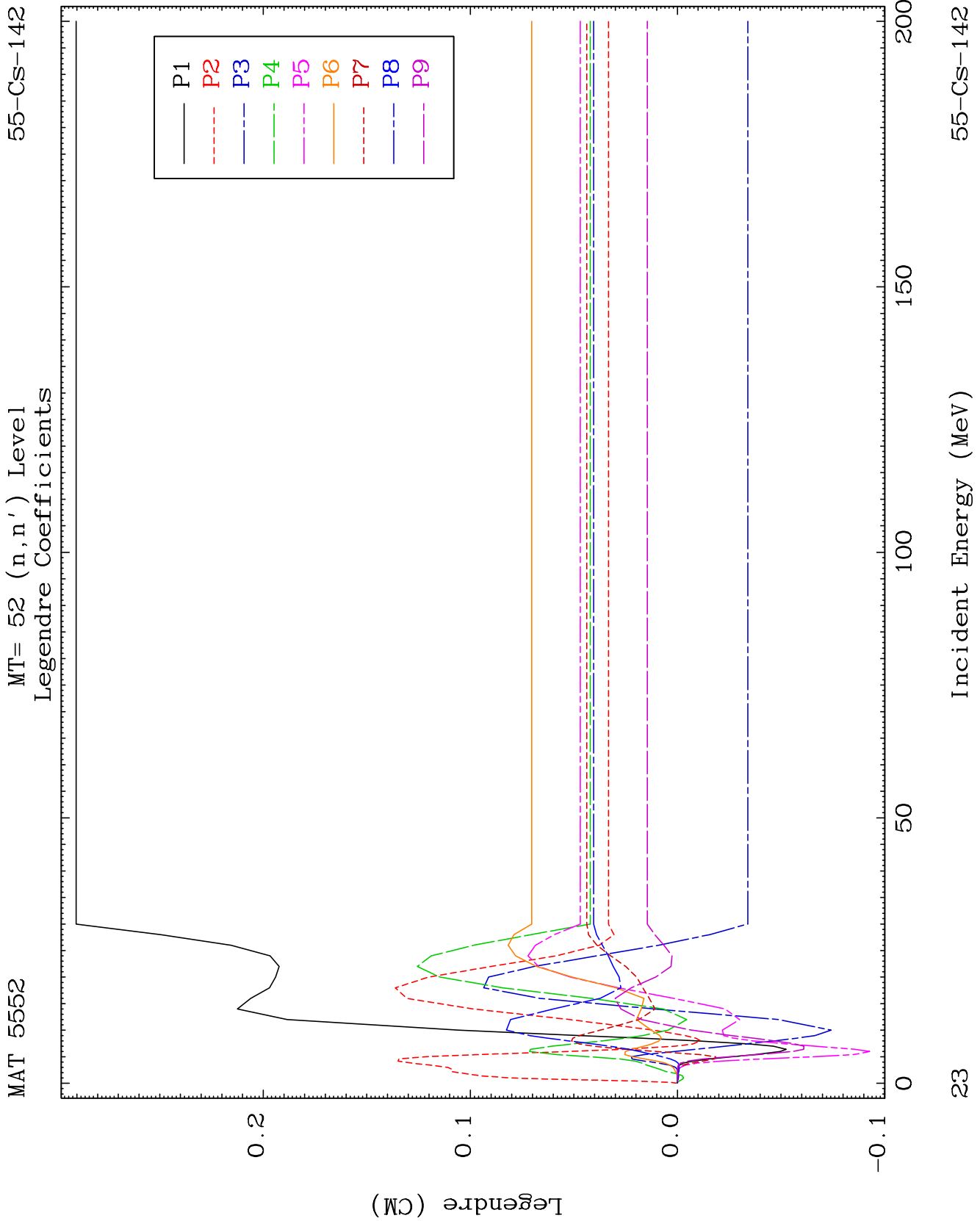
MAT 5552

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

55-CS-142



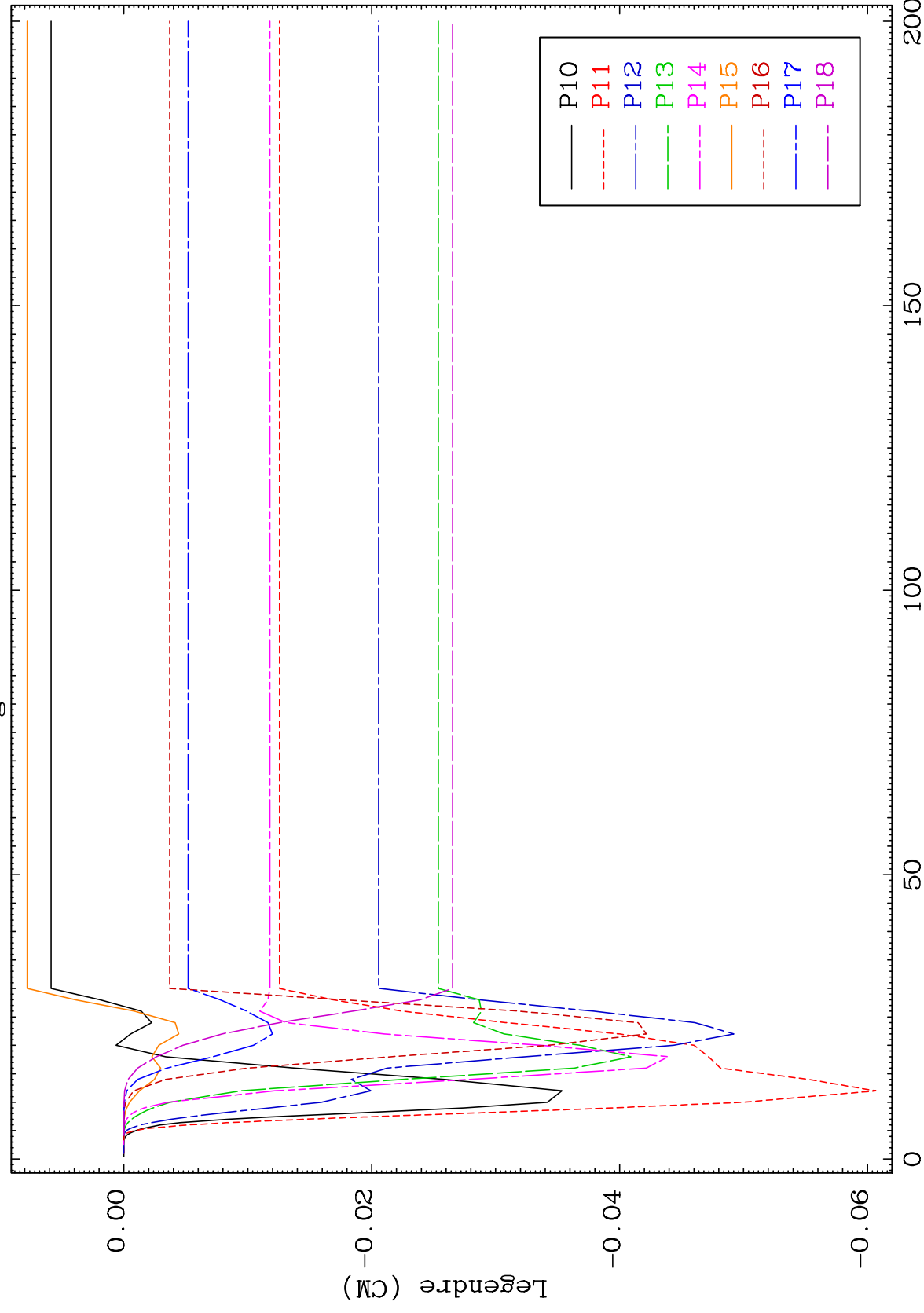




MAT 5552

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

55-CS-142



24

Incident Energy (MeV)

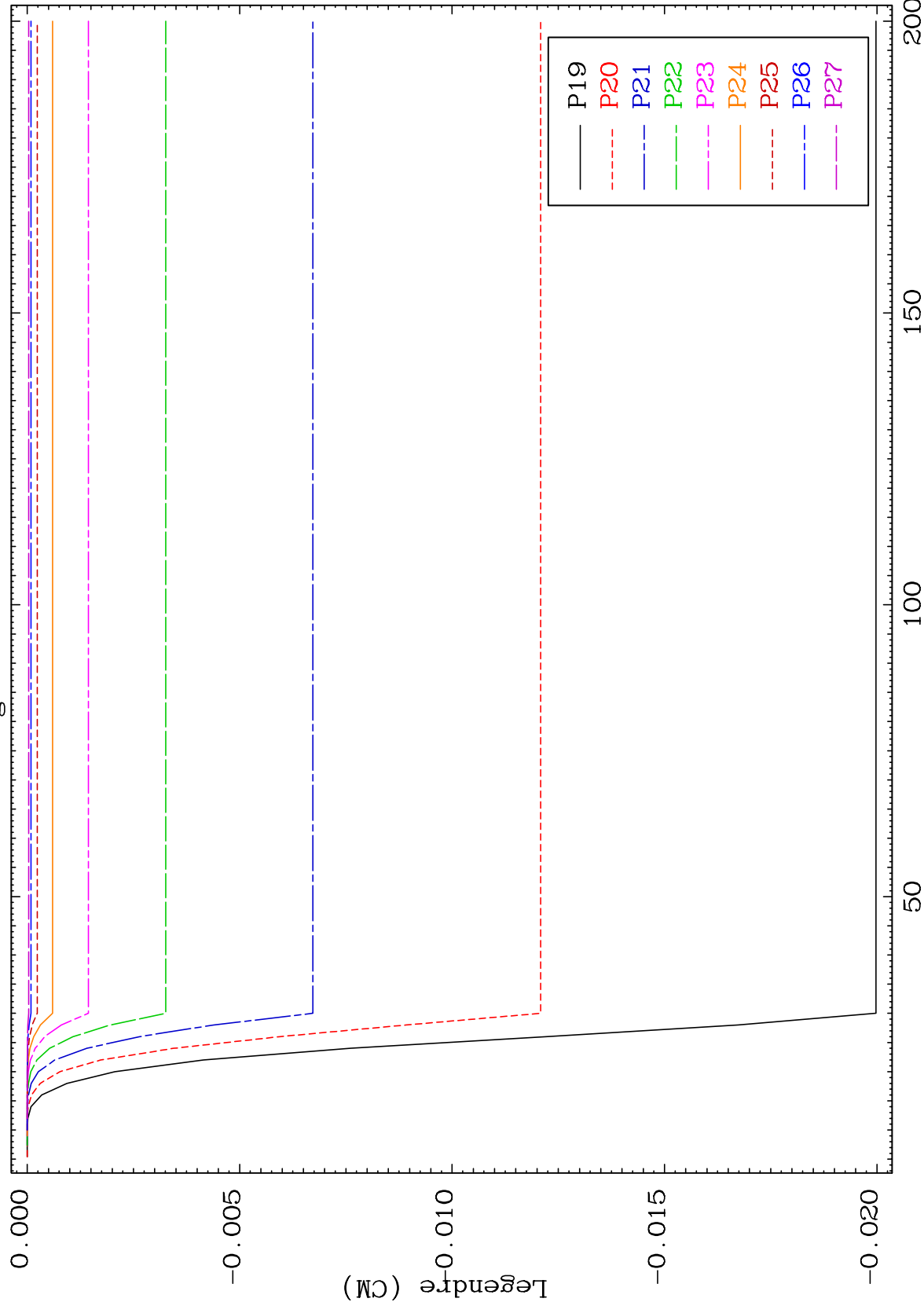
55-CS-142

MAT 5552

MT= 52 (n, n') Level

55-CS-142

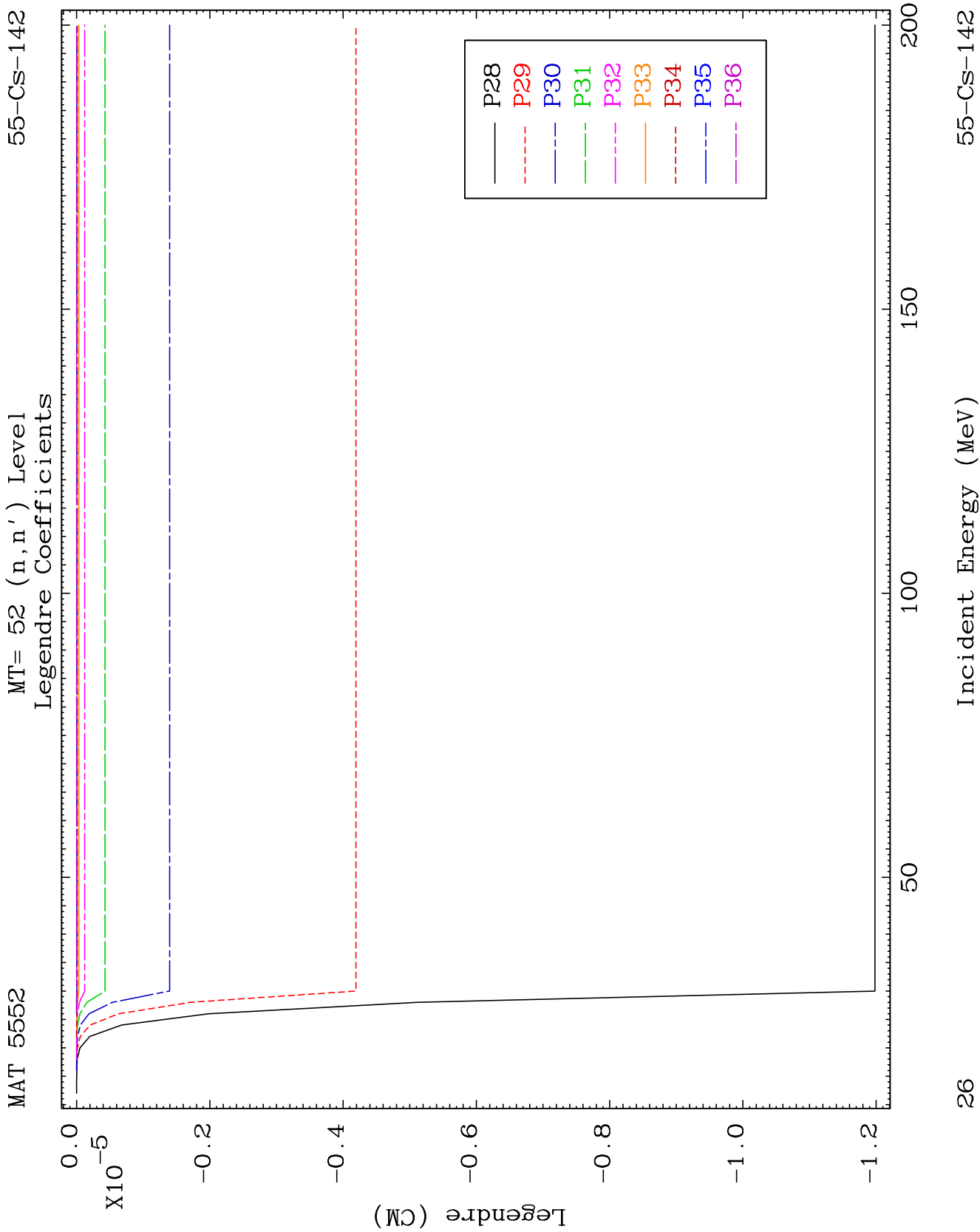
Legendre Coefficients



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Incident Energy (MeV)

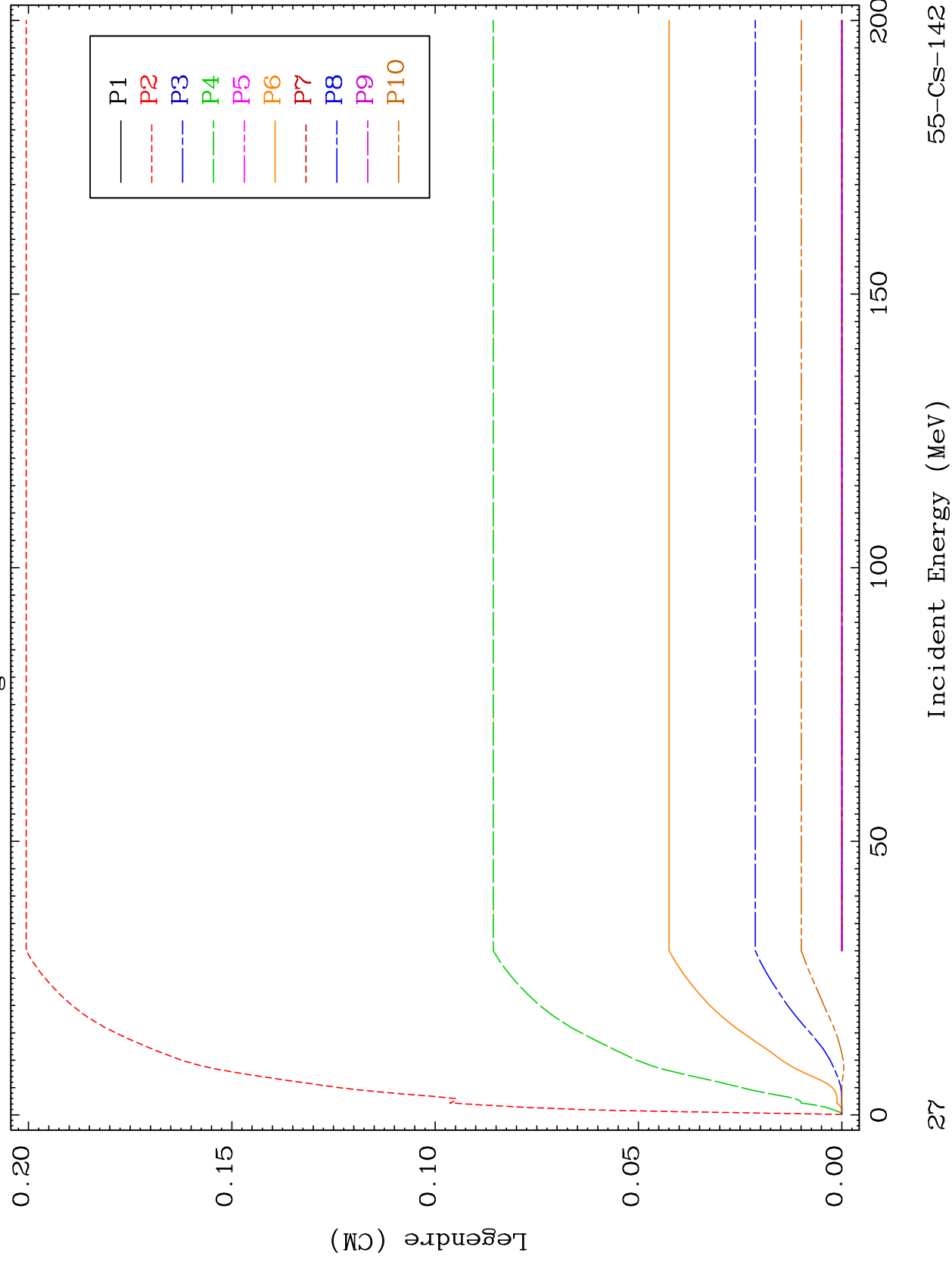
55-CS-142

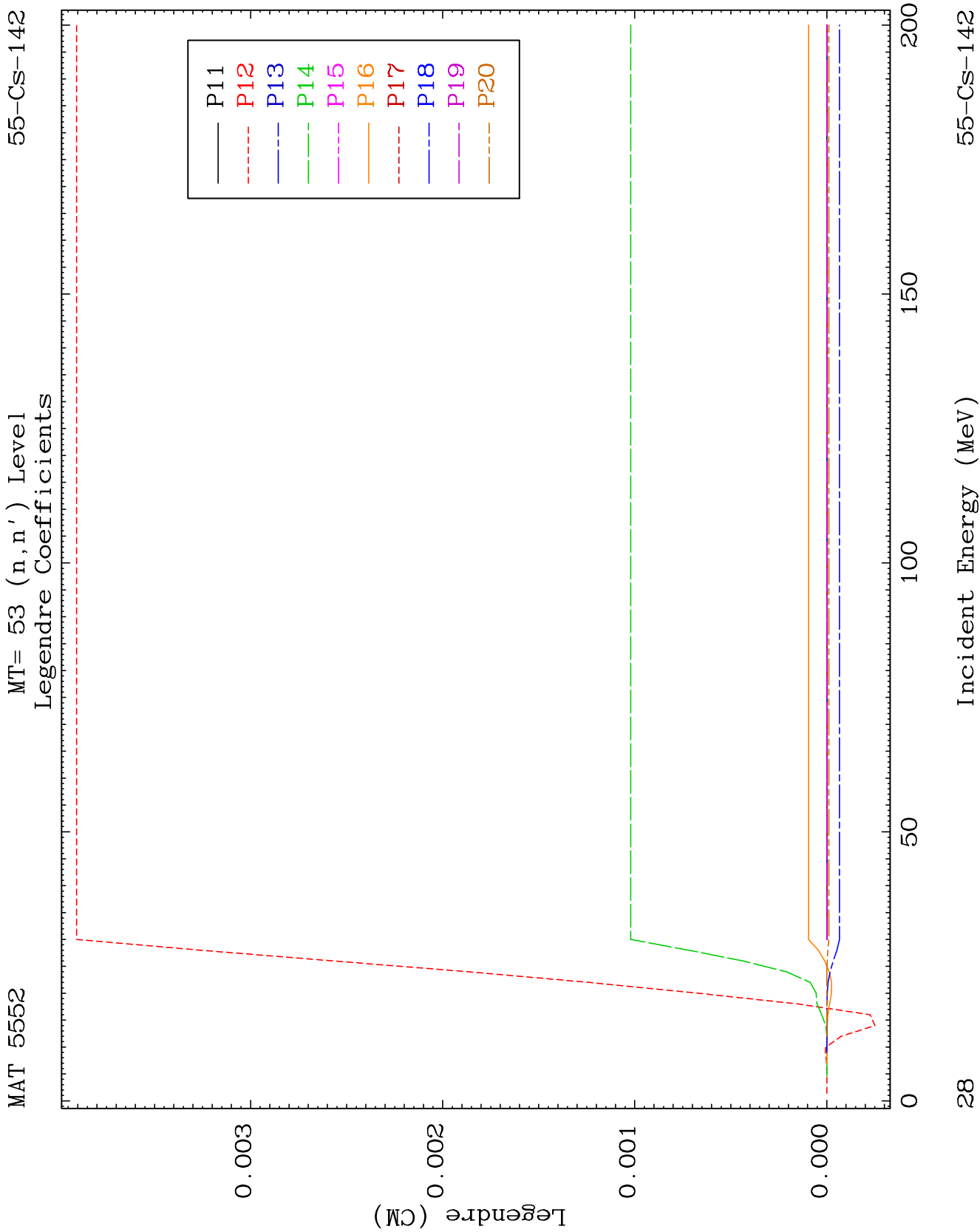


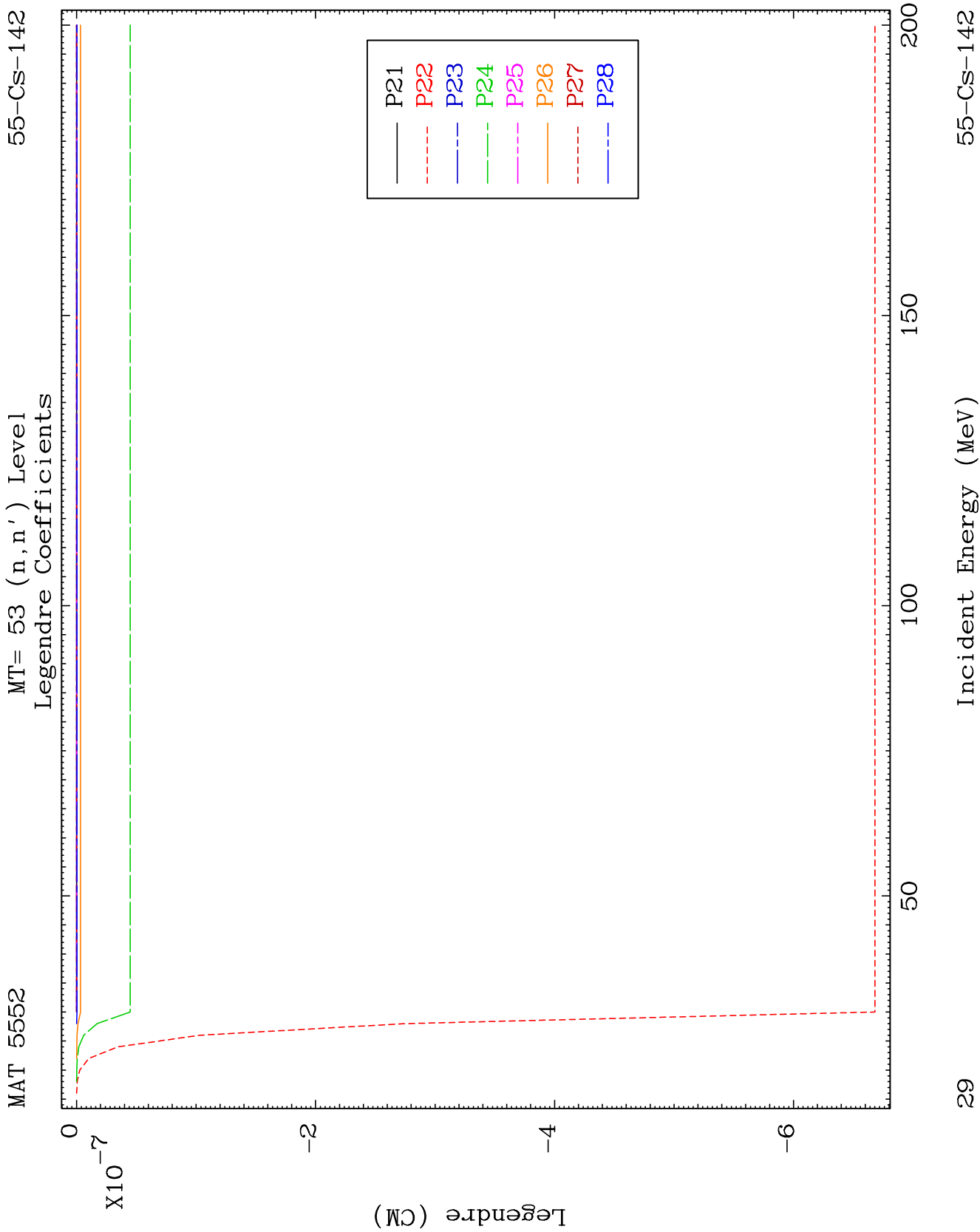
MAT 5552

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

55-CS-142



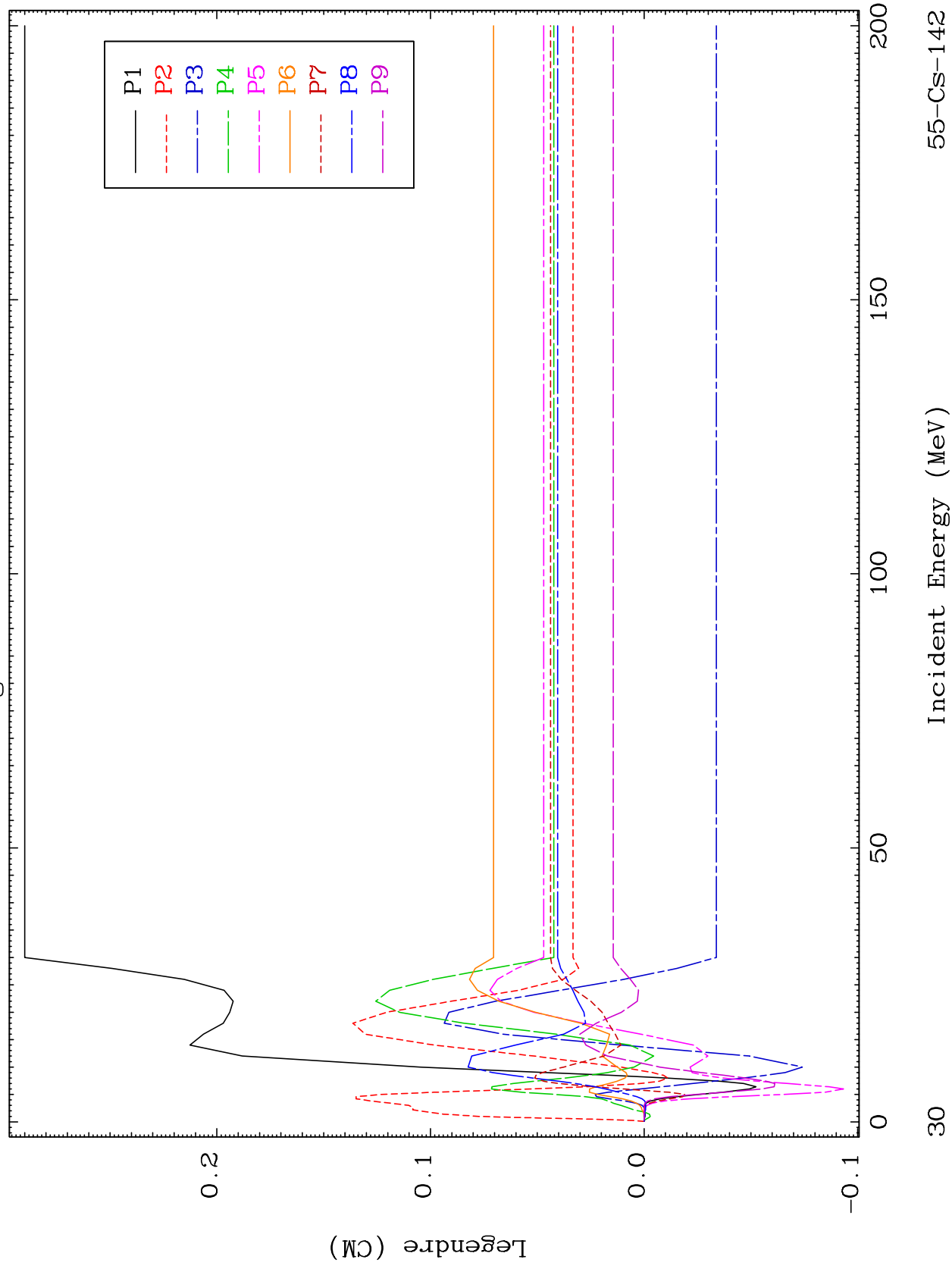


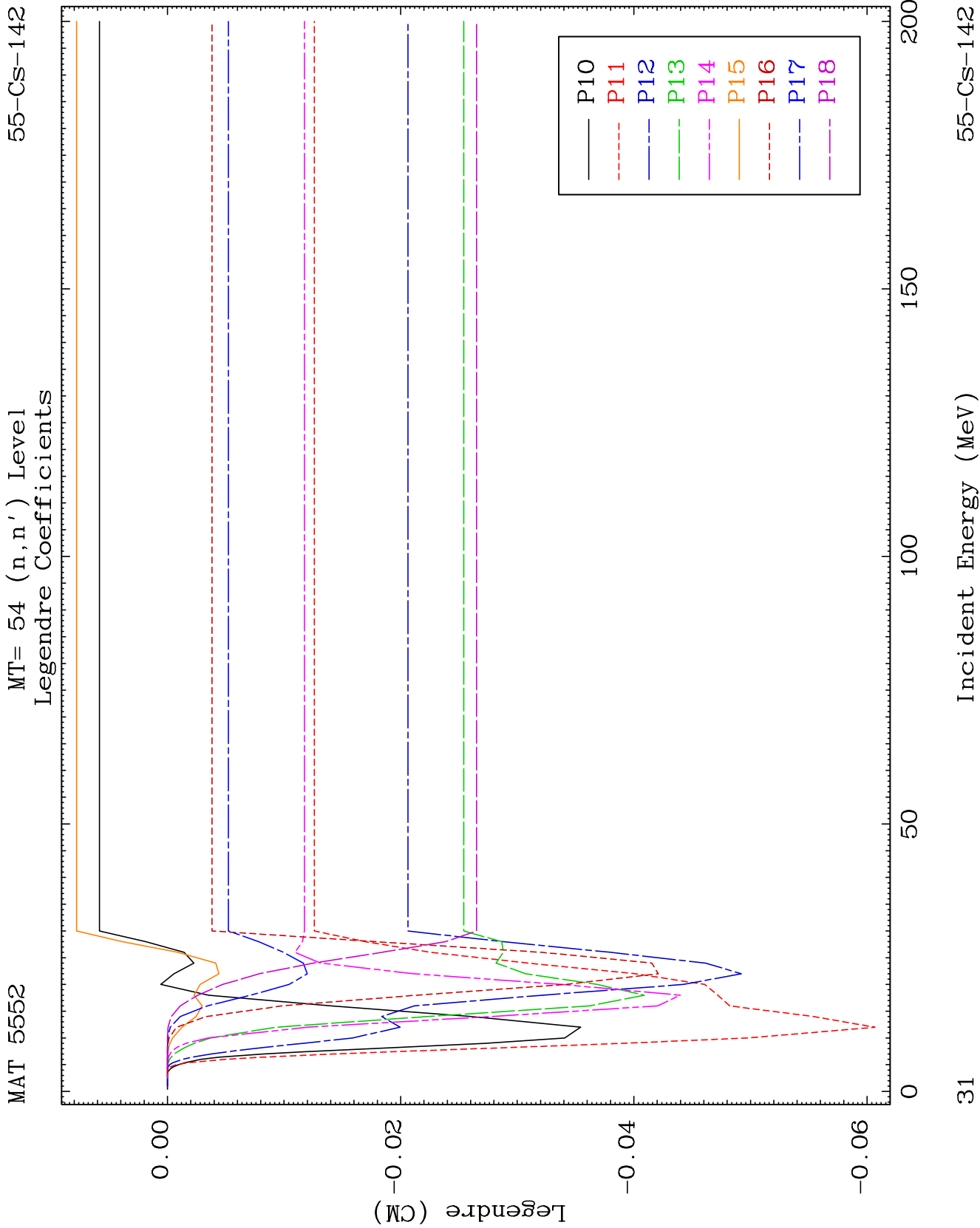


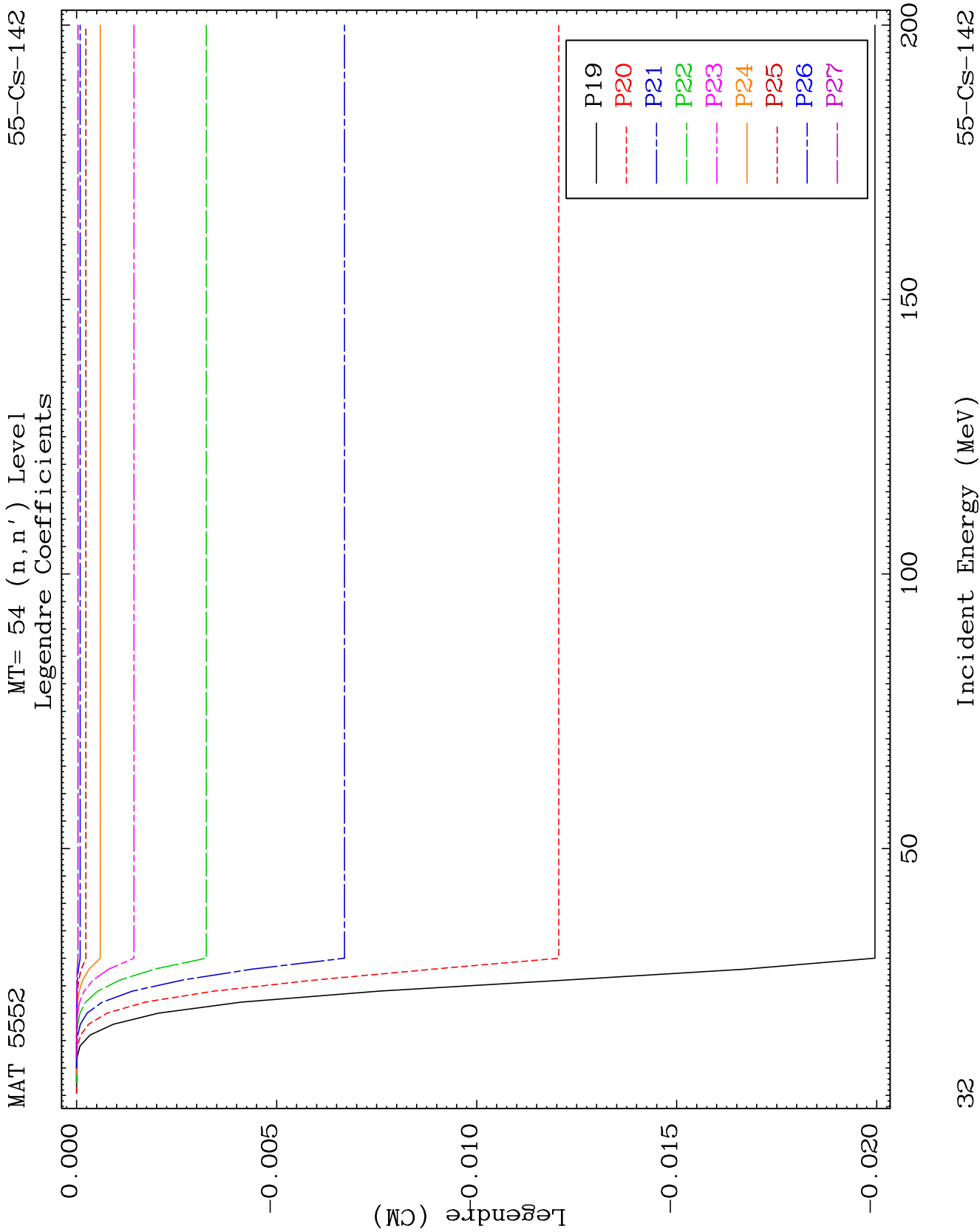
MAT 5552

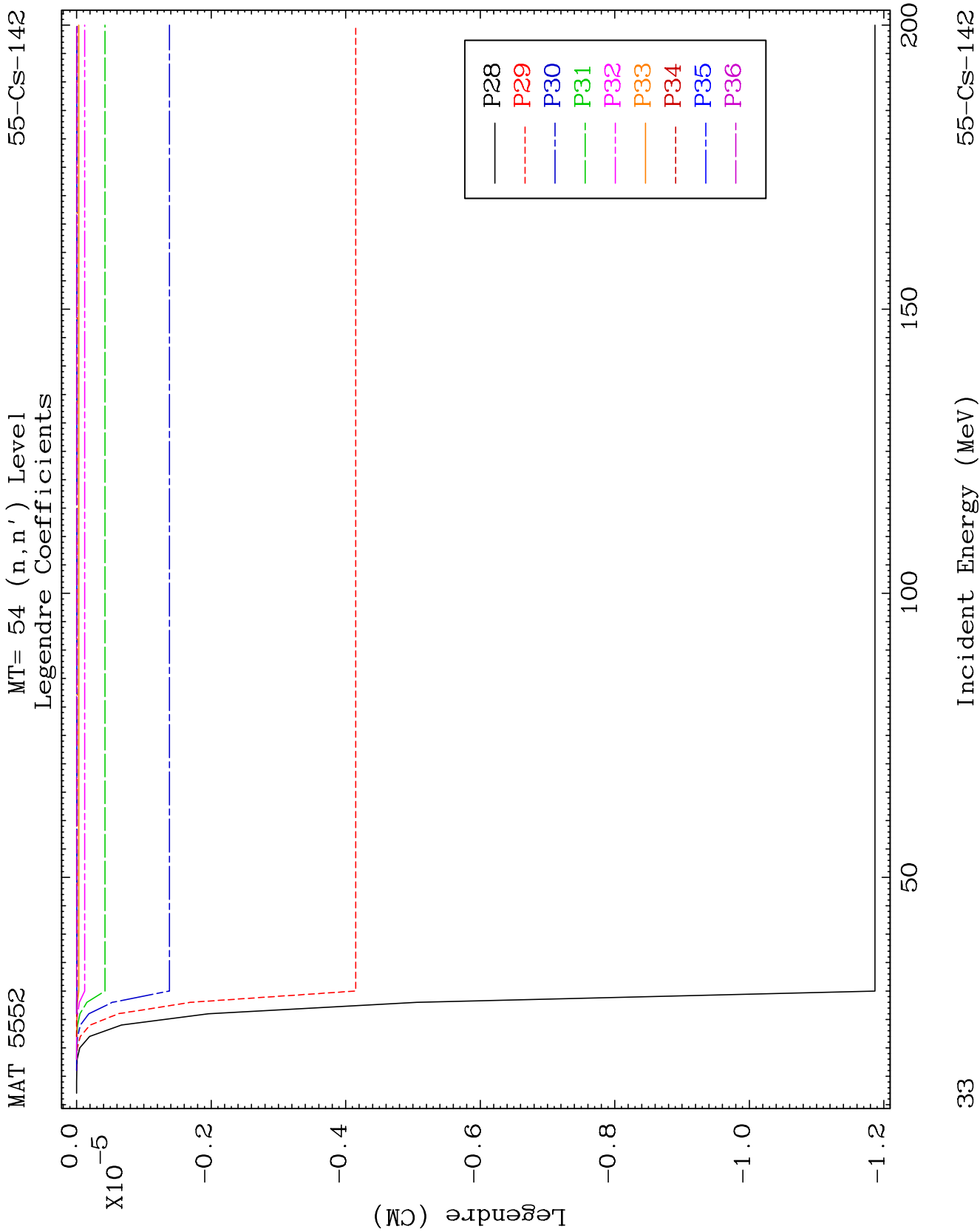
MT= 54 (n, n') Level
Legendre Coefficients

55-CS-142





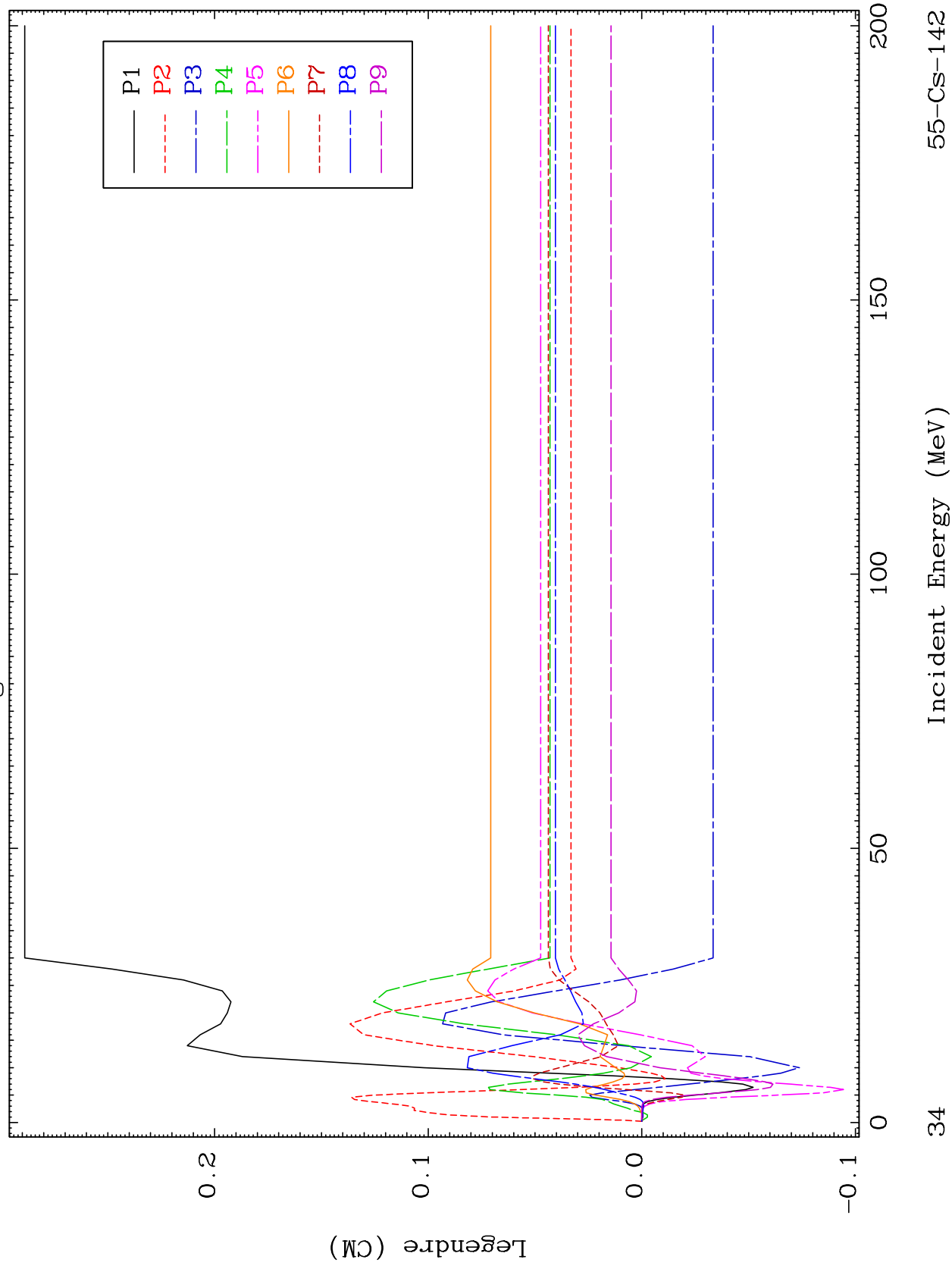


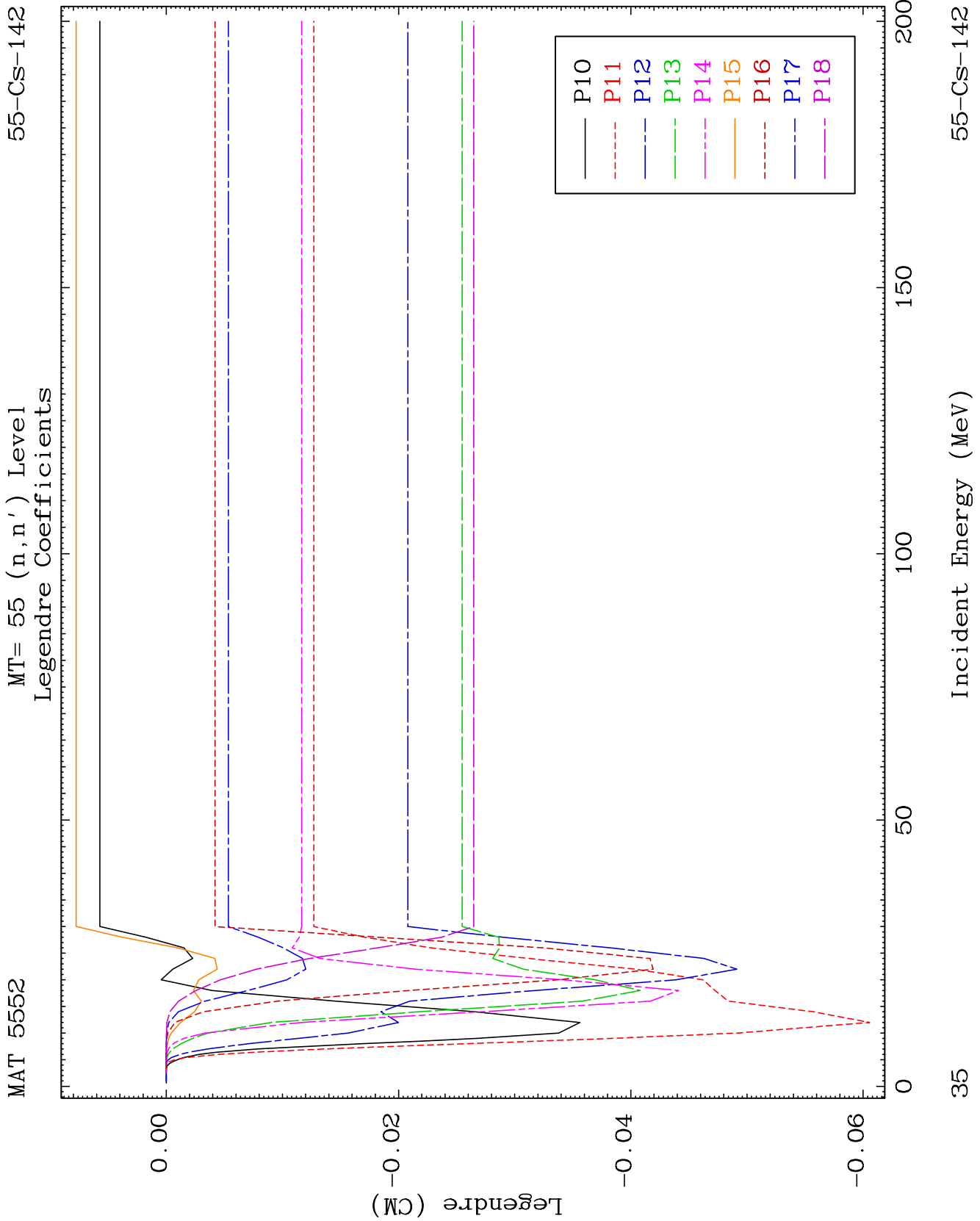


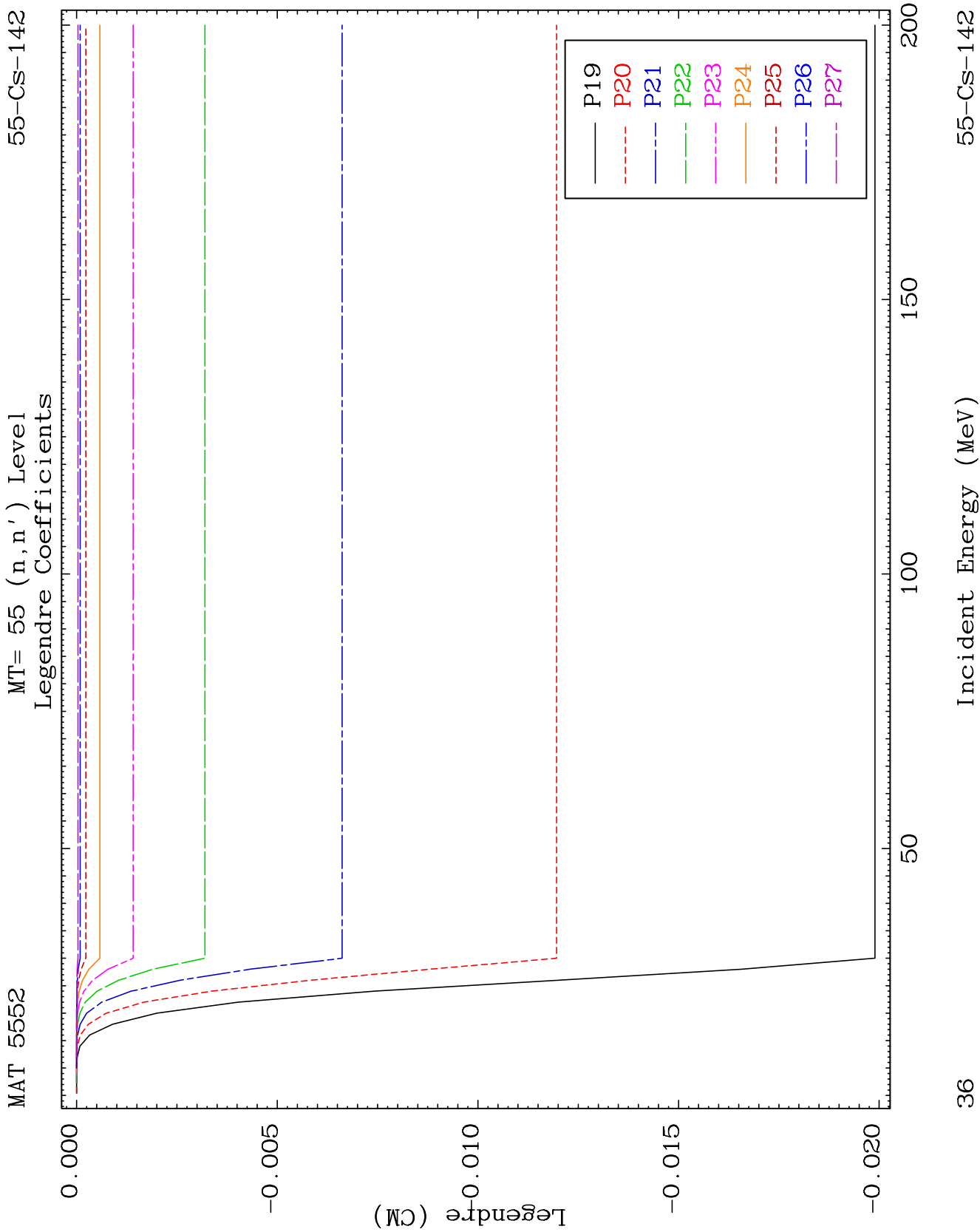
MAT 5552

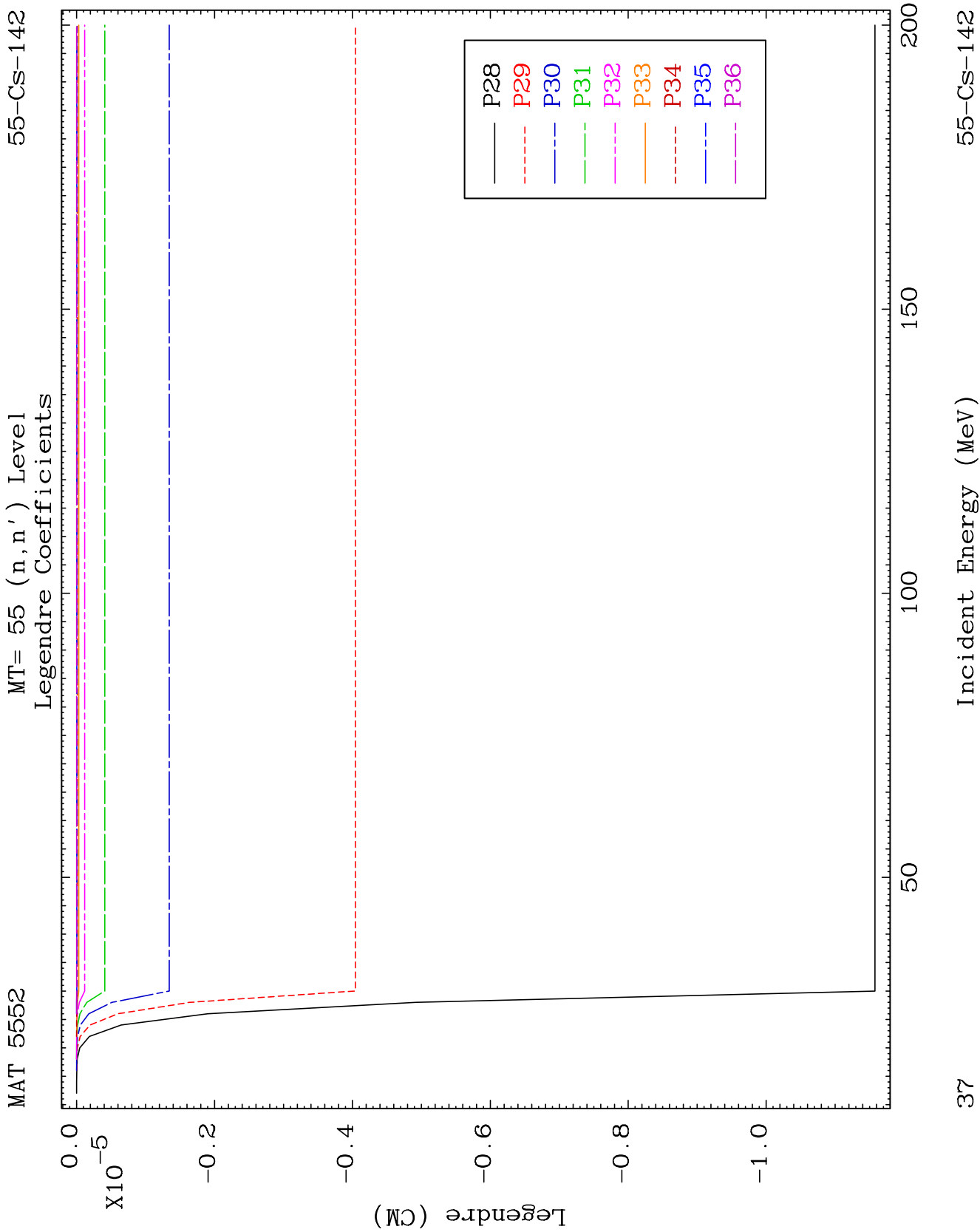
MT= 55 (n, n') Level
Legendre Coefficients

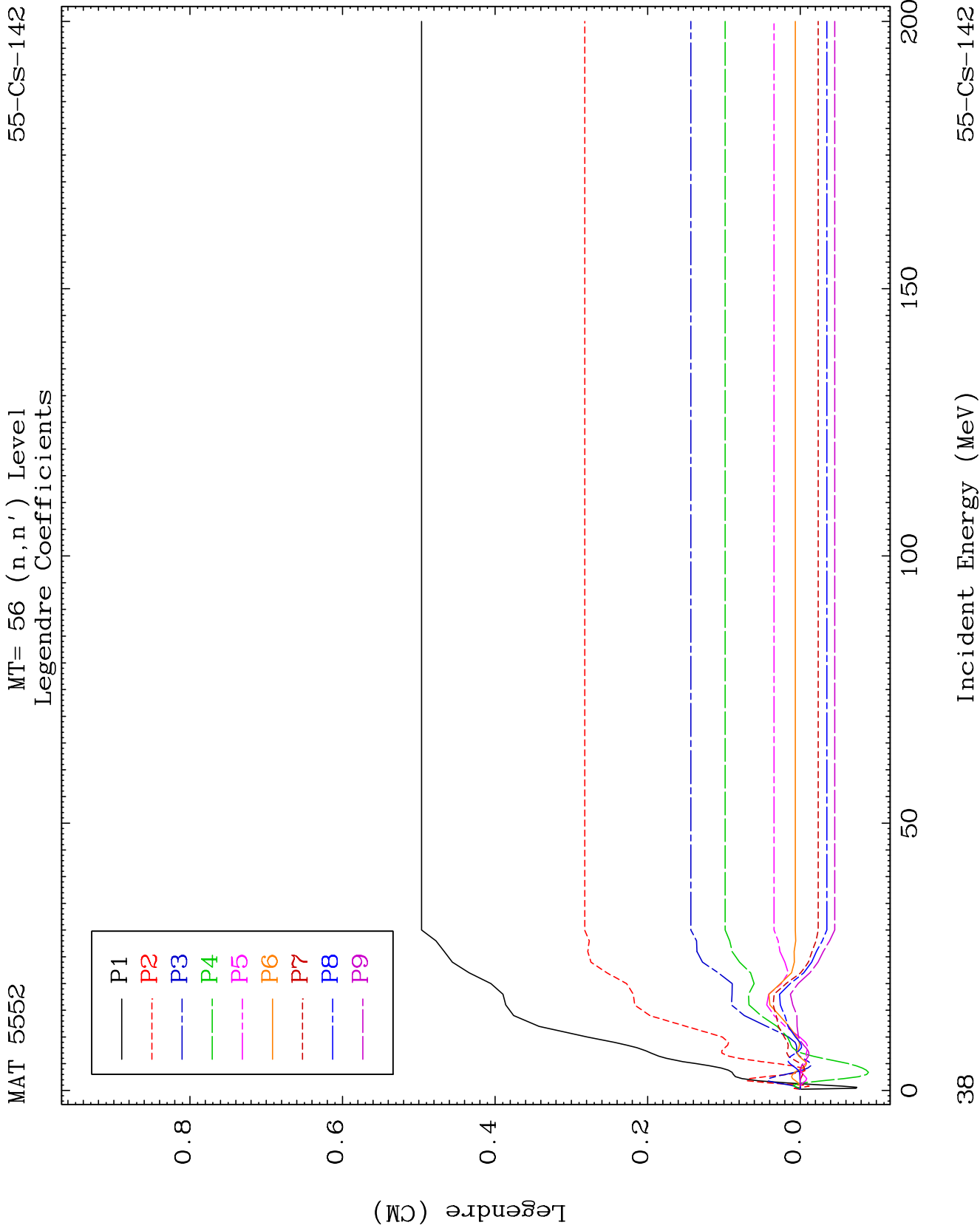
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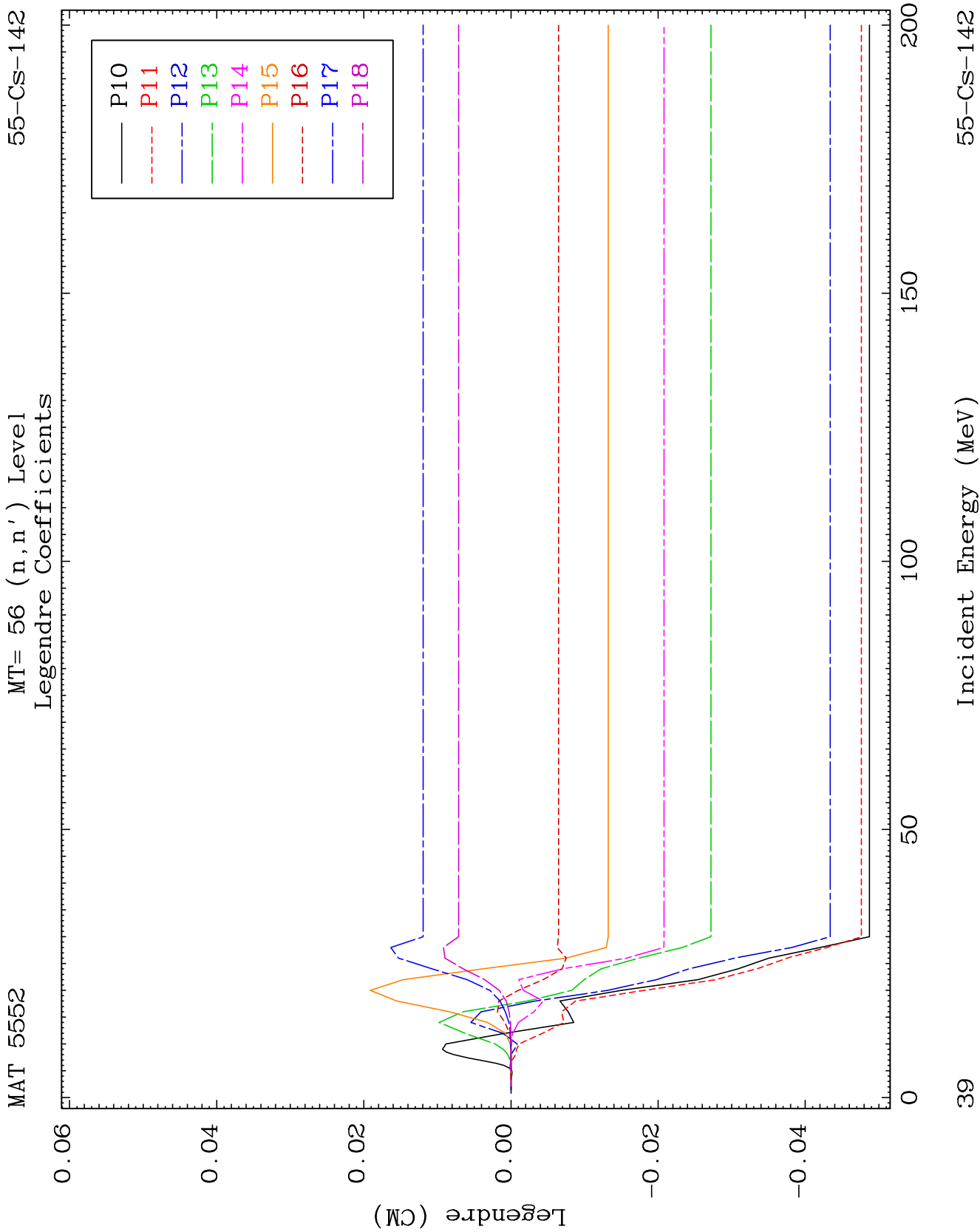








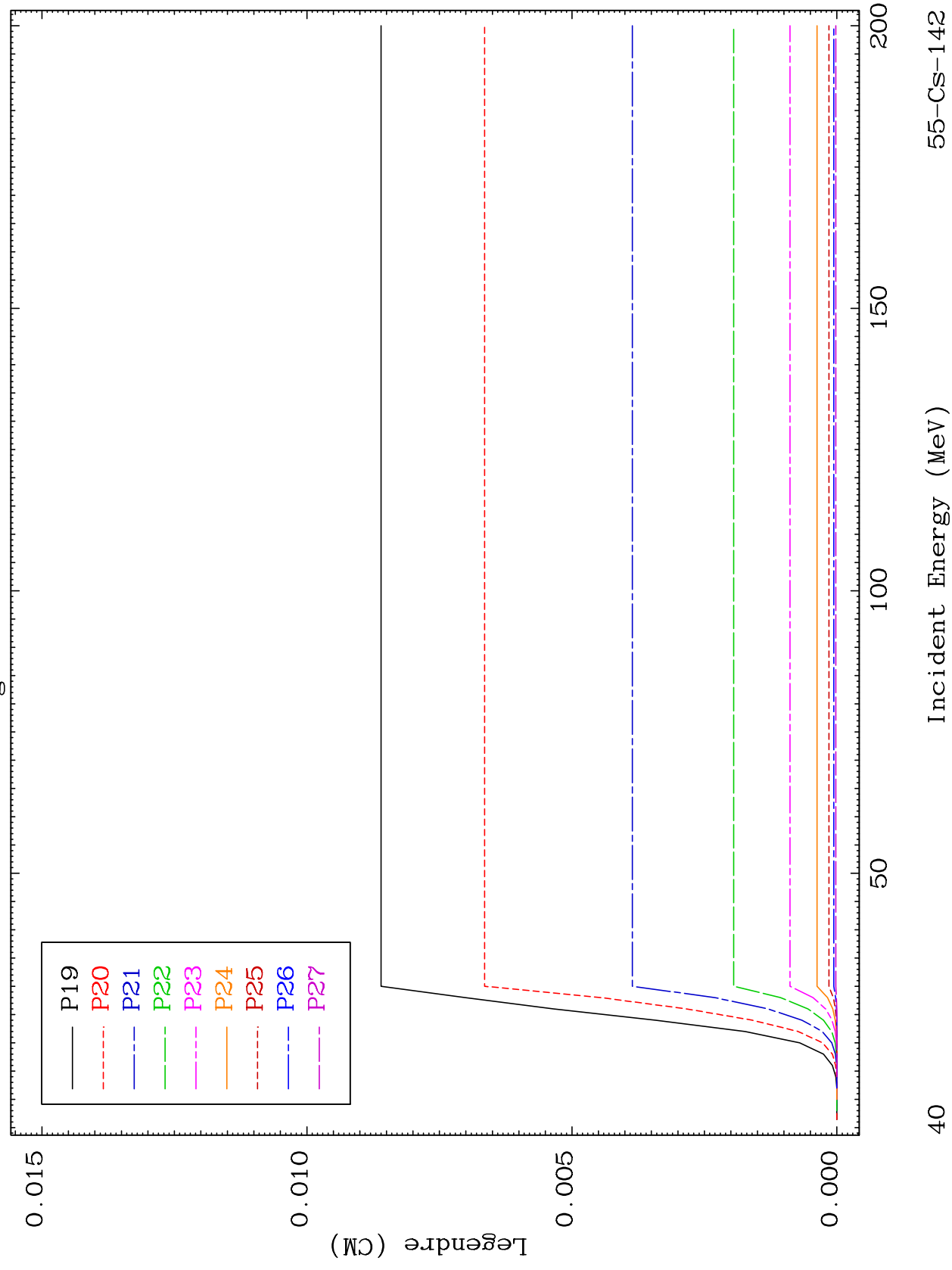


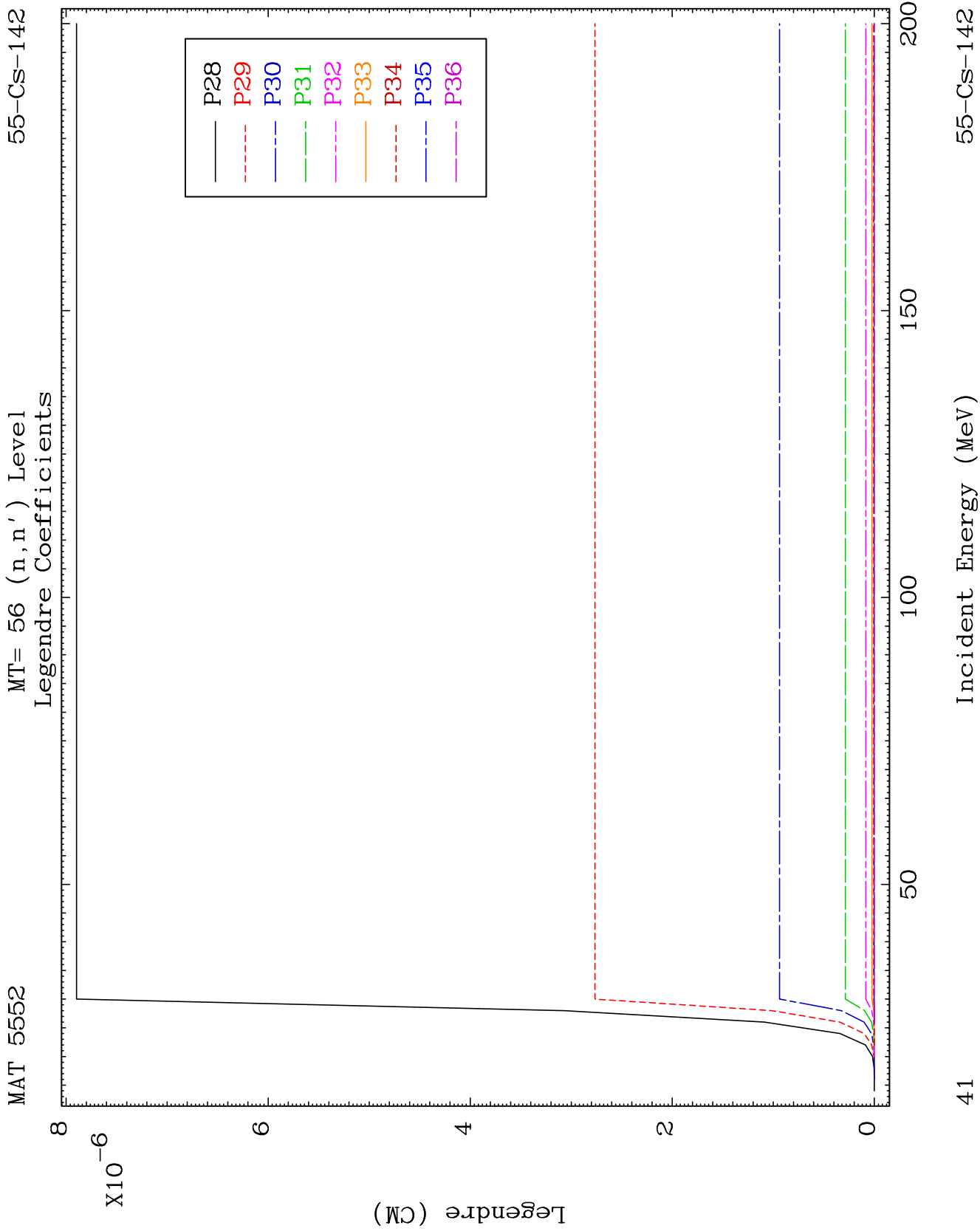


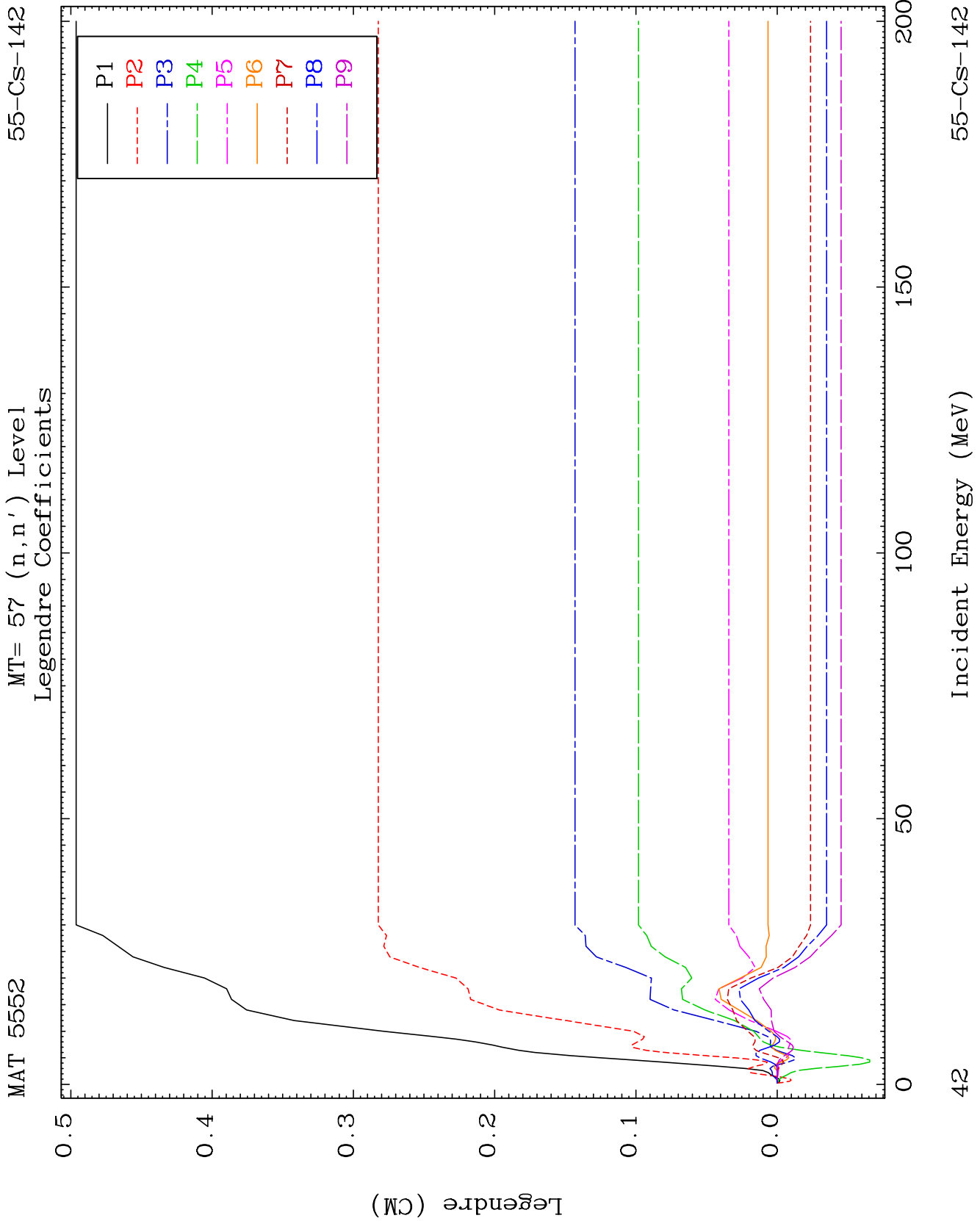
MAT 5552

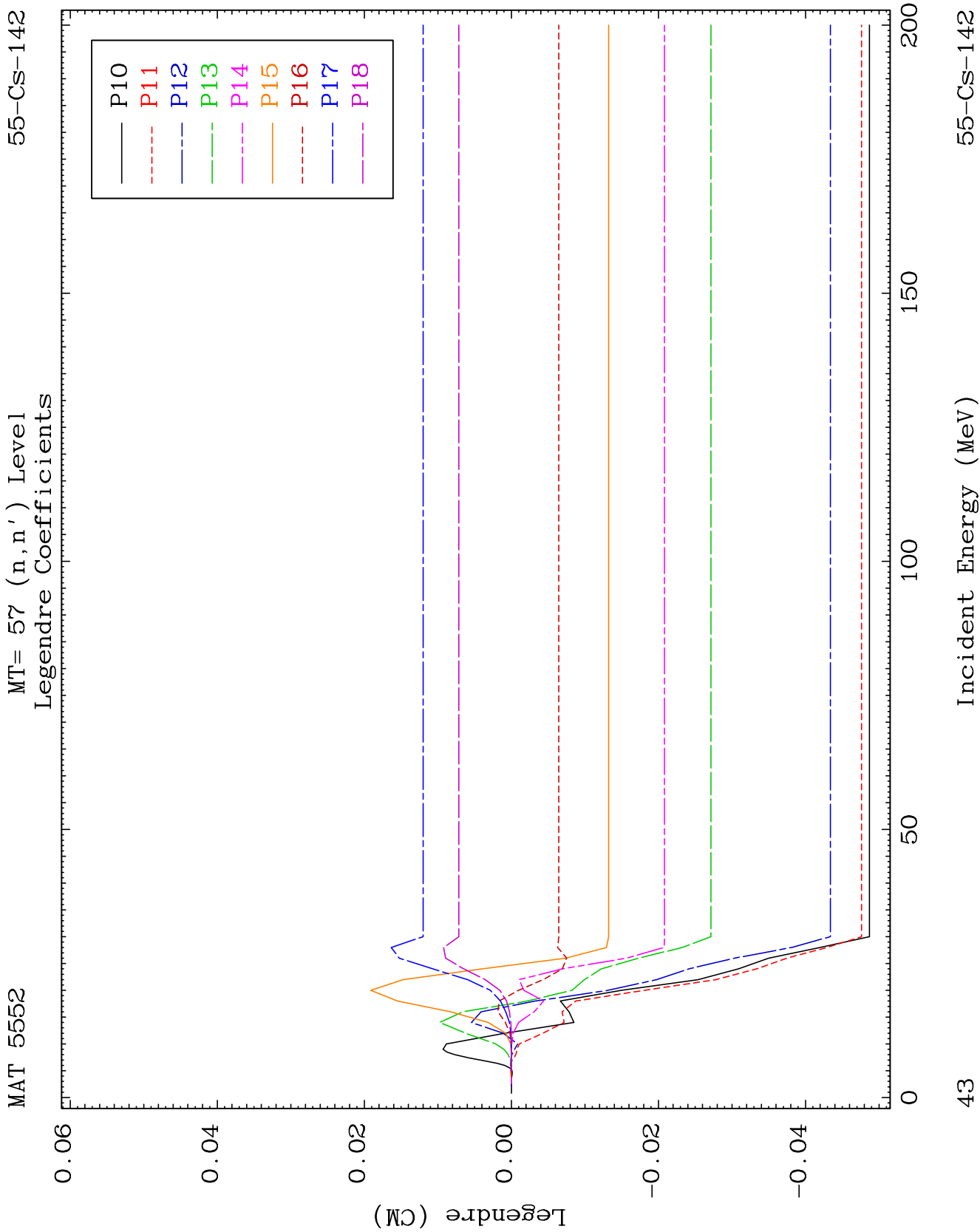
MT= 56 (n, n') Level
Legendre Coefficients

55-CS-142





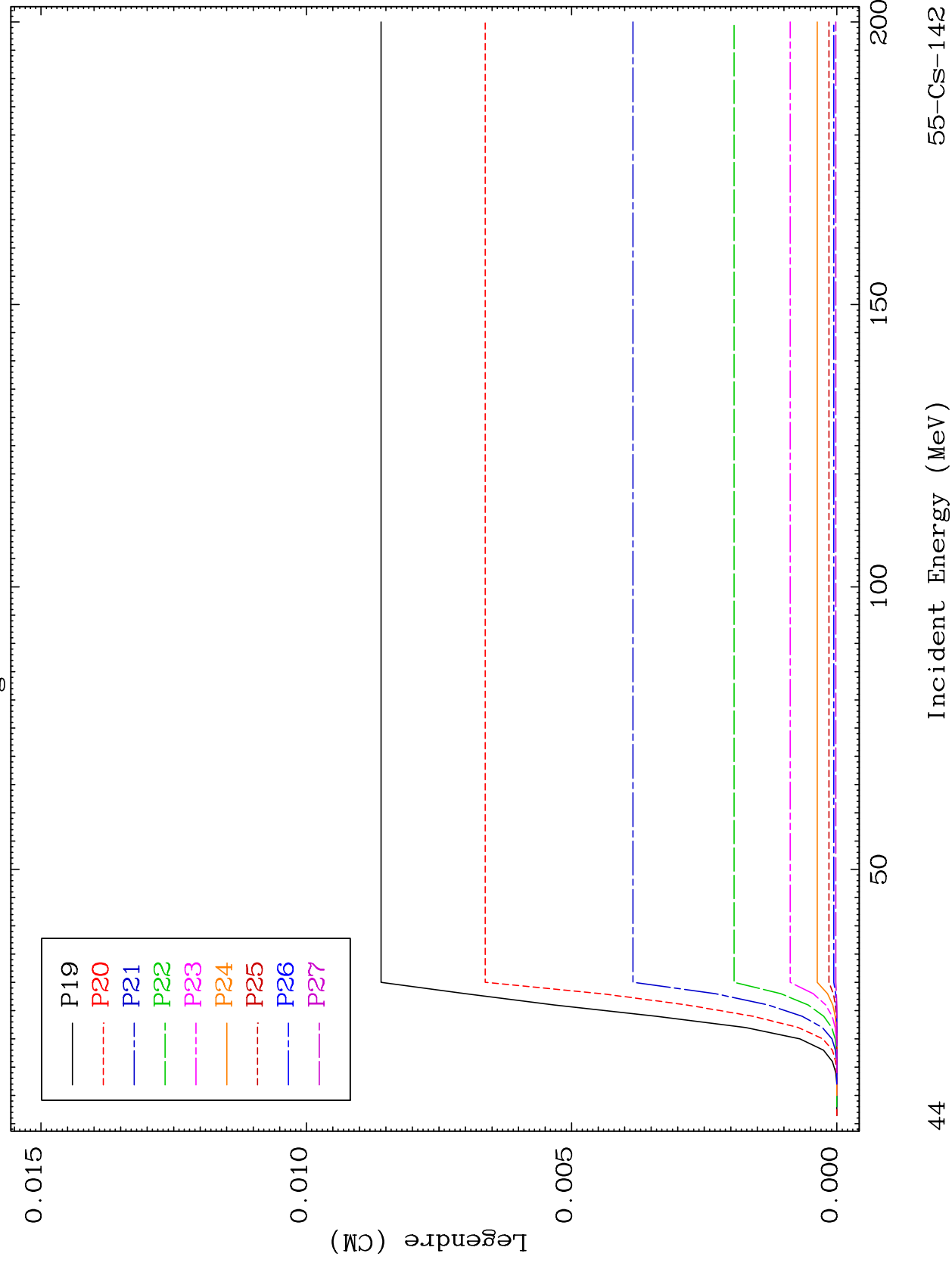




MAT 5552

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

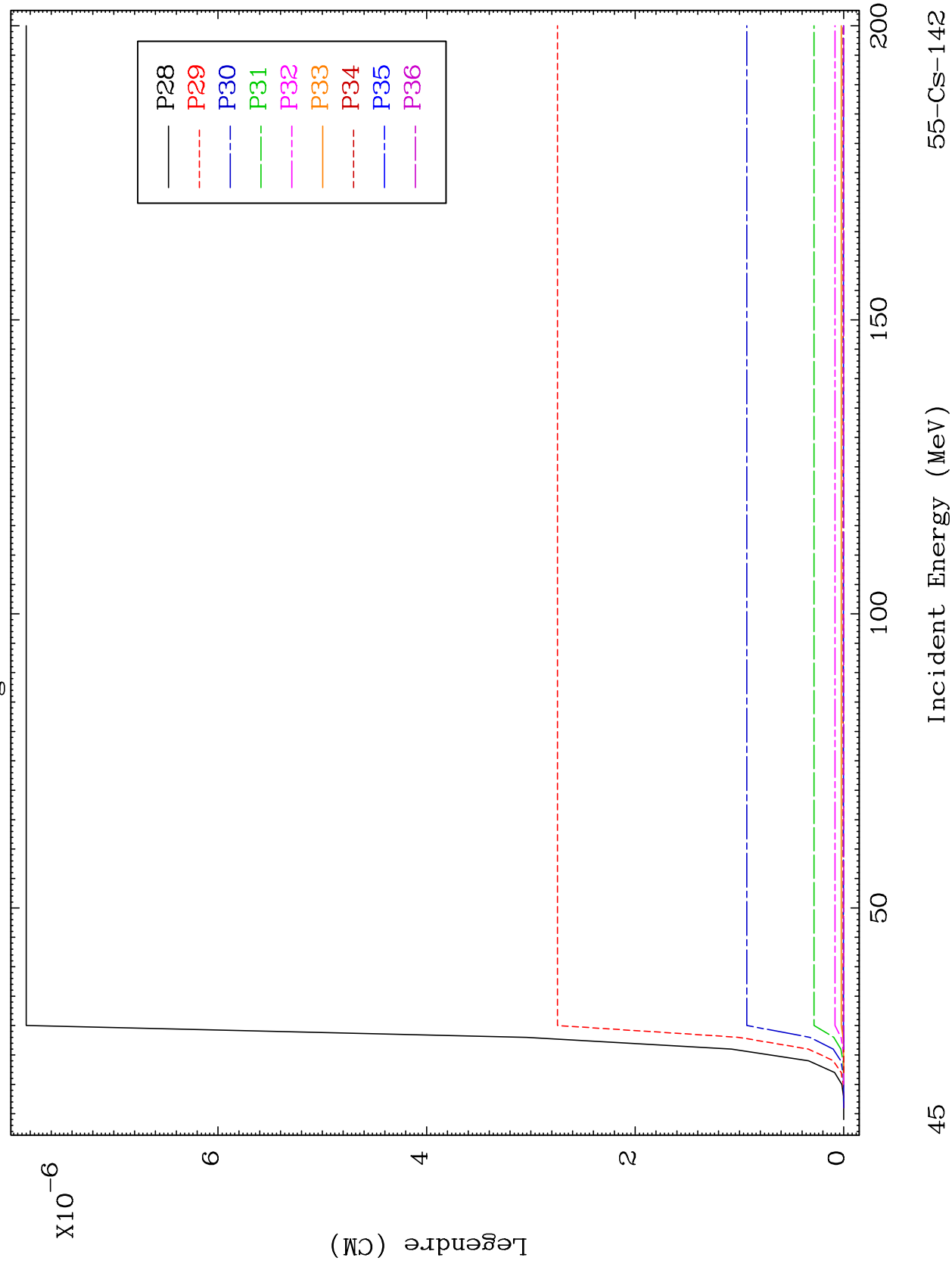
55-CS-142



MAT 5552

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

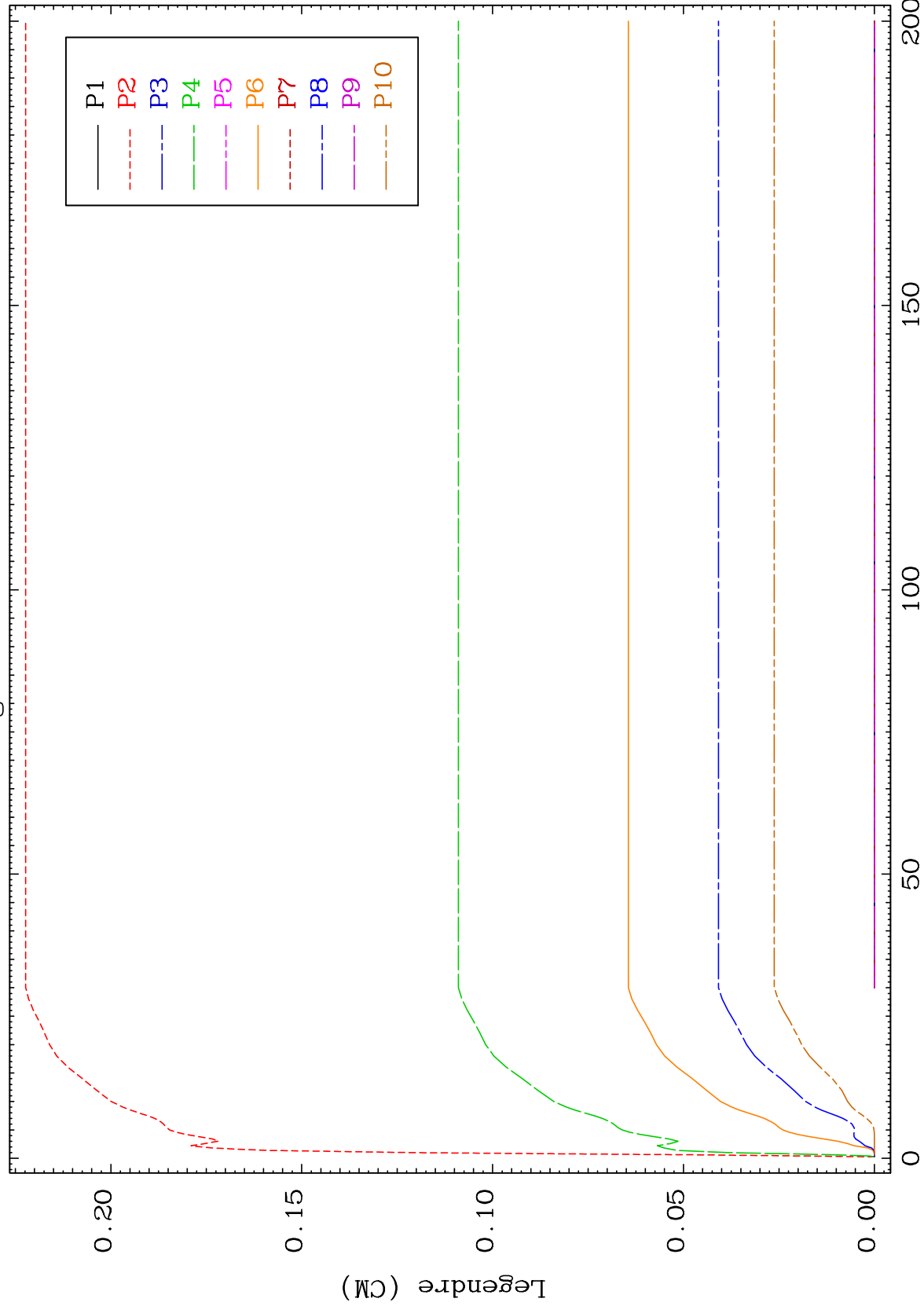
55-CS-142



MAT 5552

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

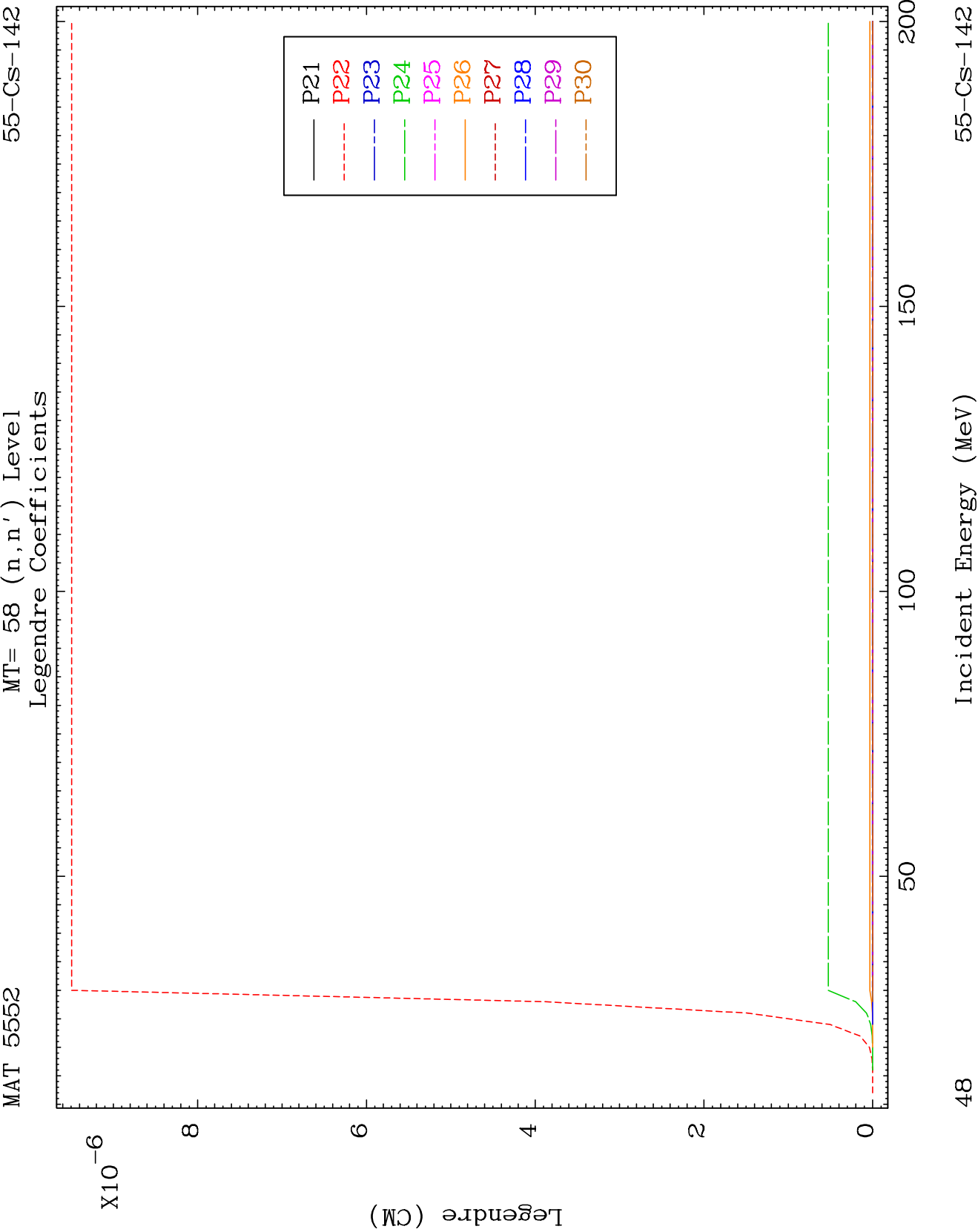
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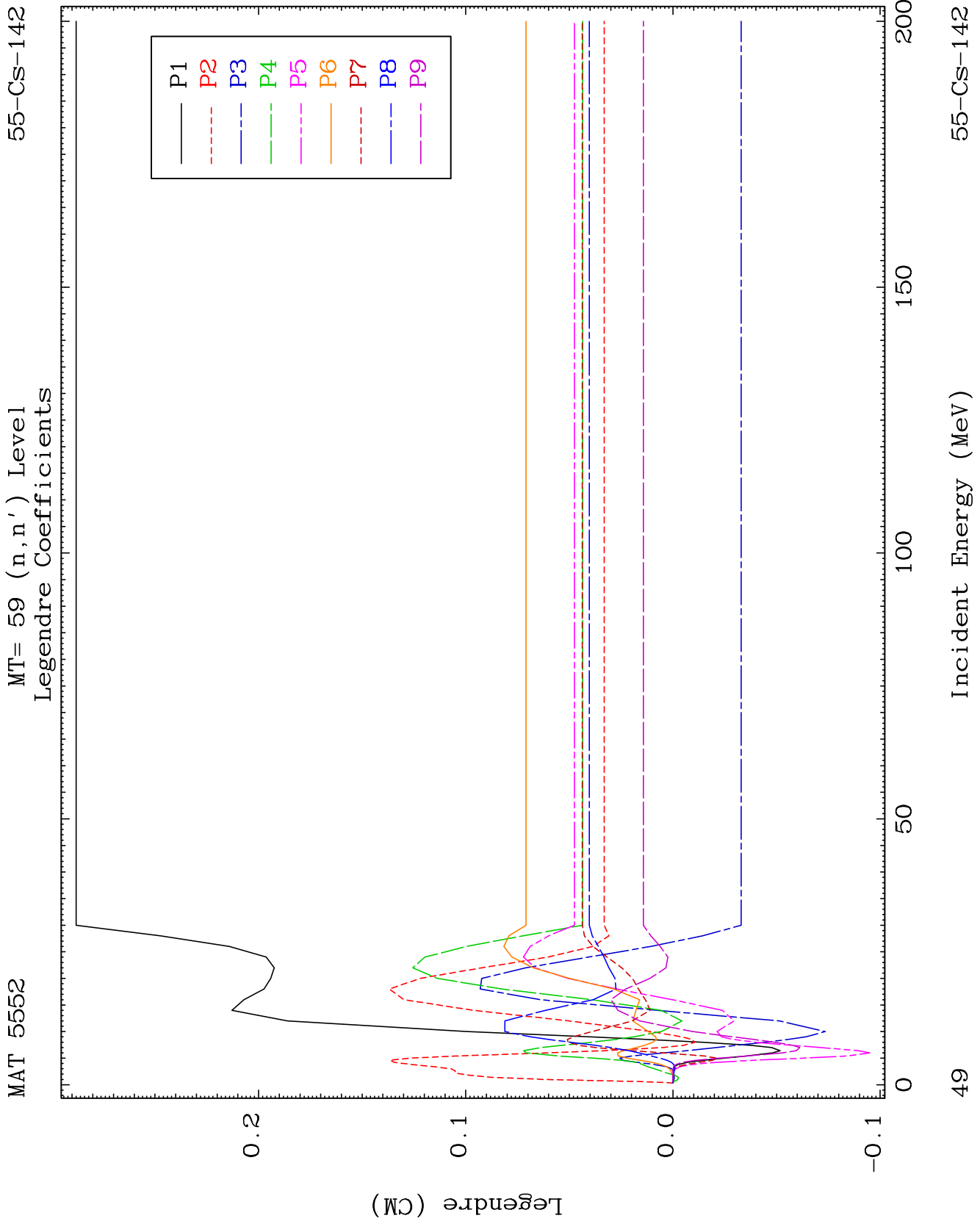


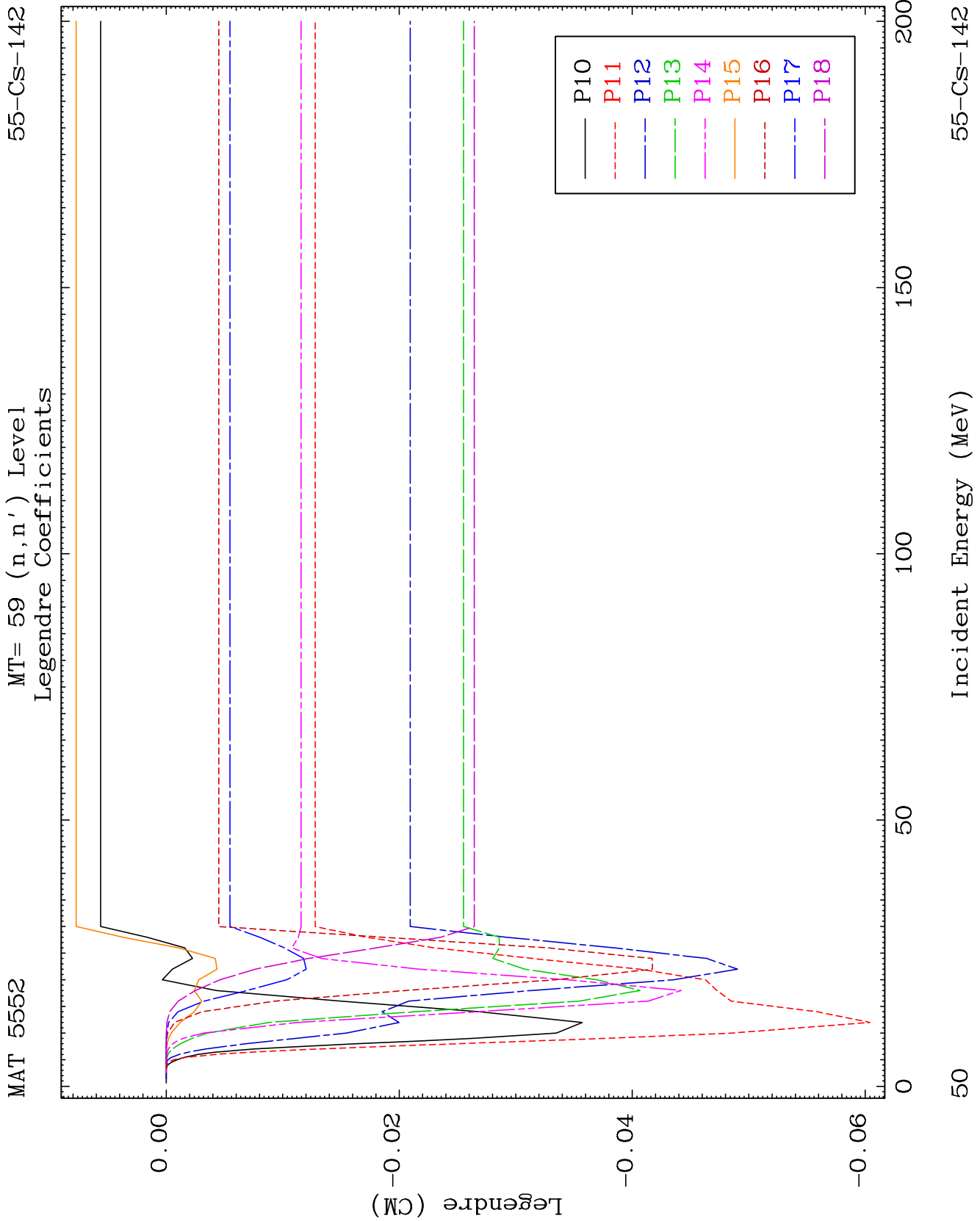
46

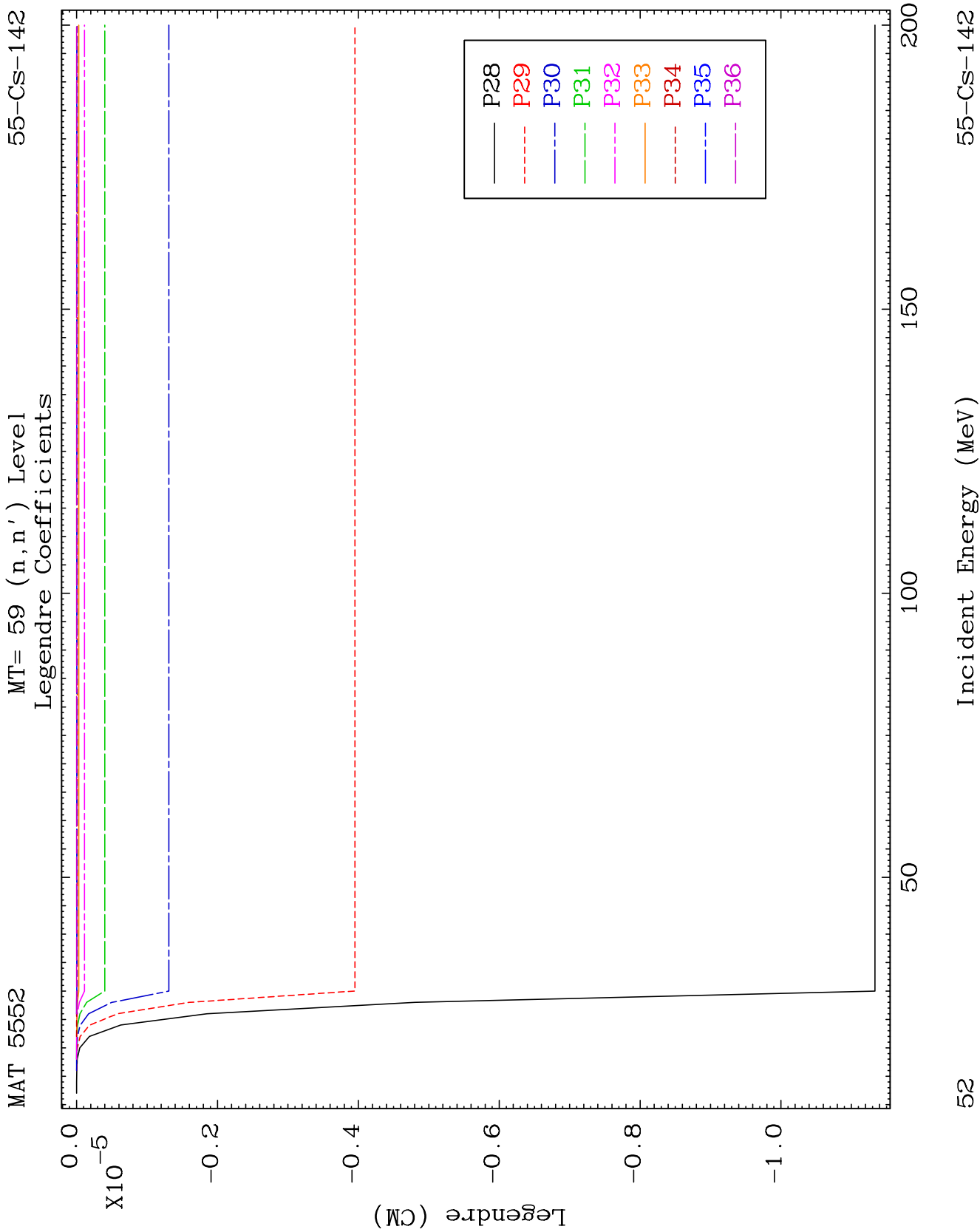
Incident Energy (MeV)

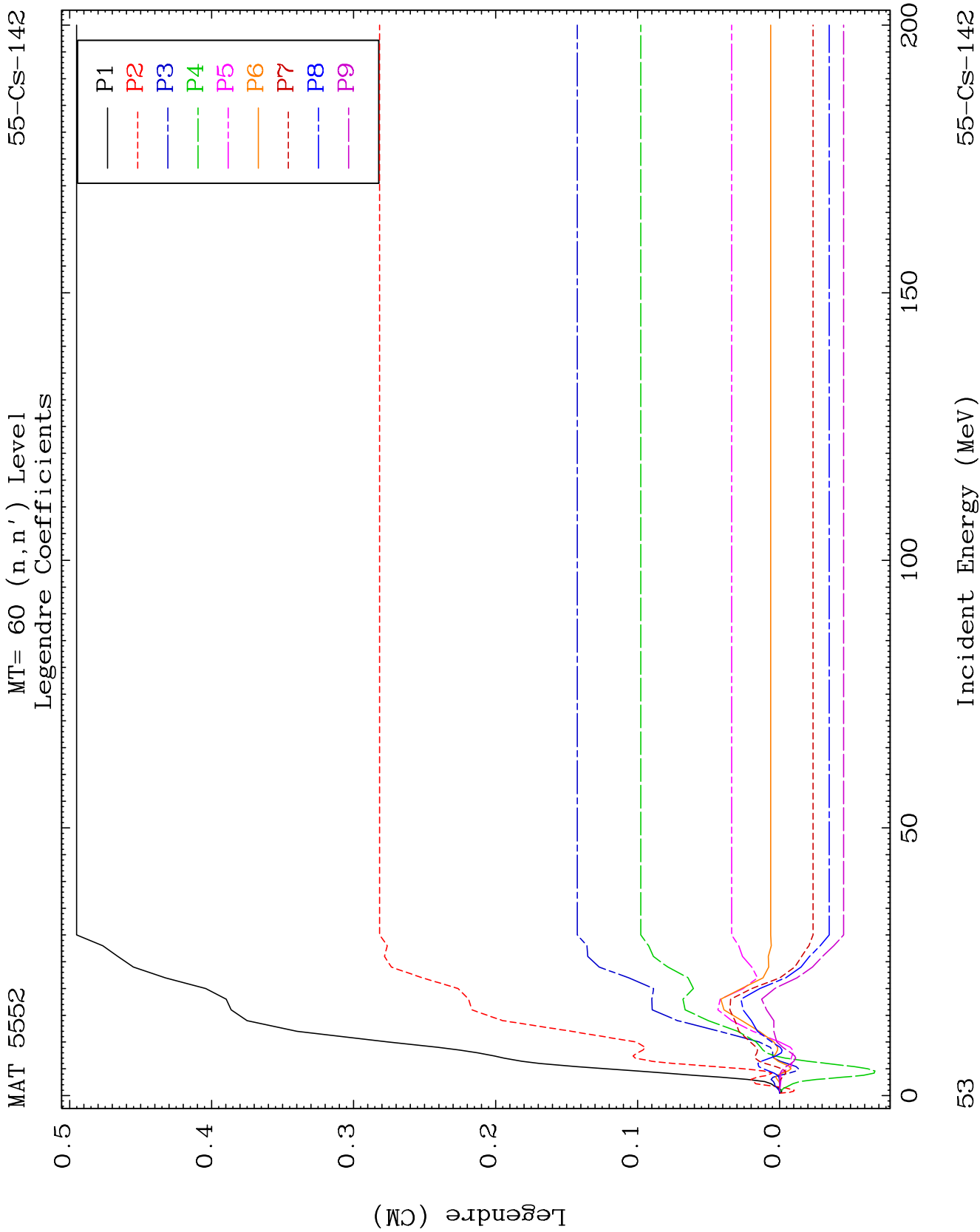
55-CS-142

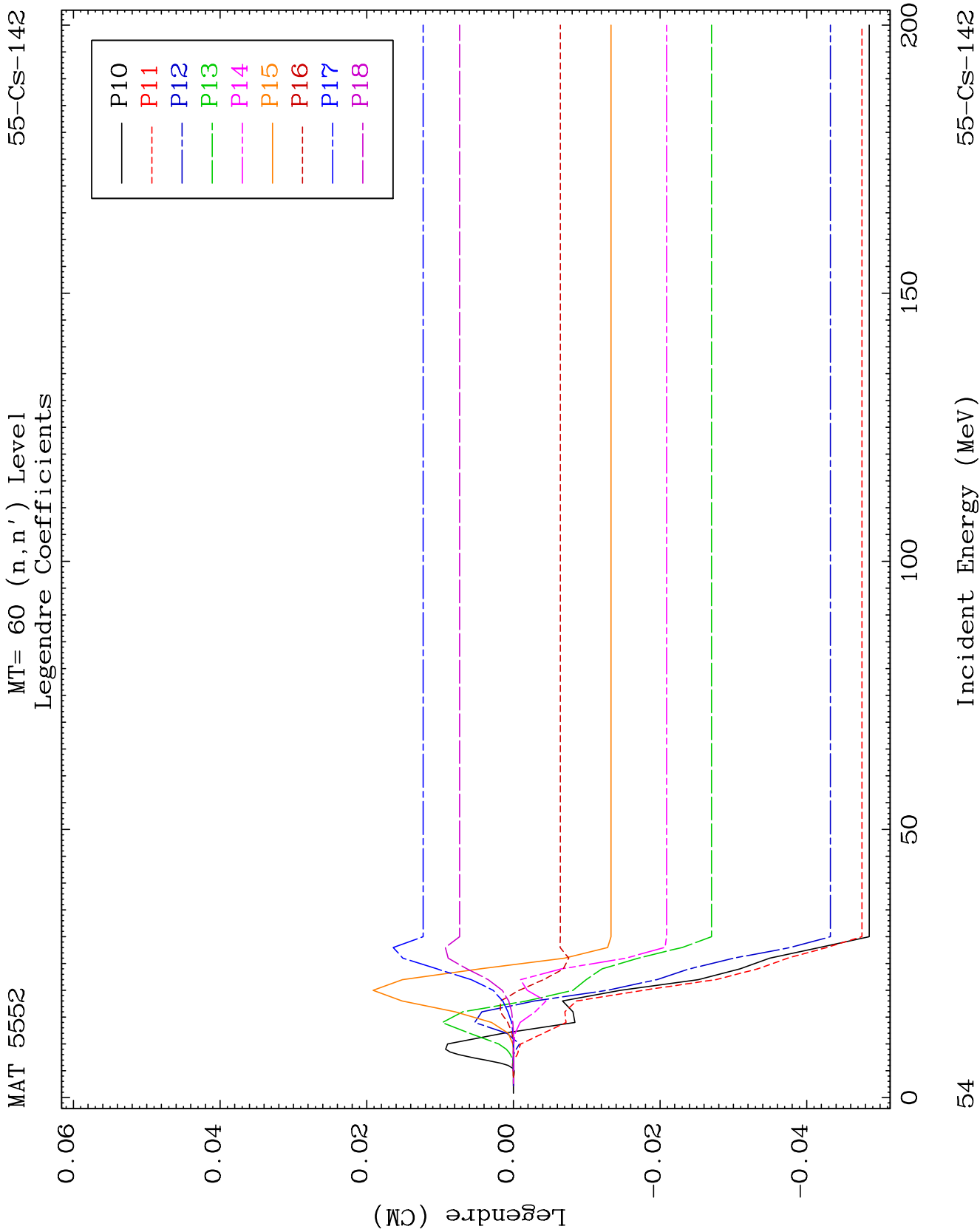


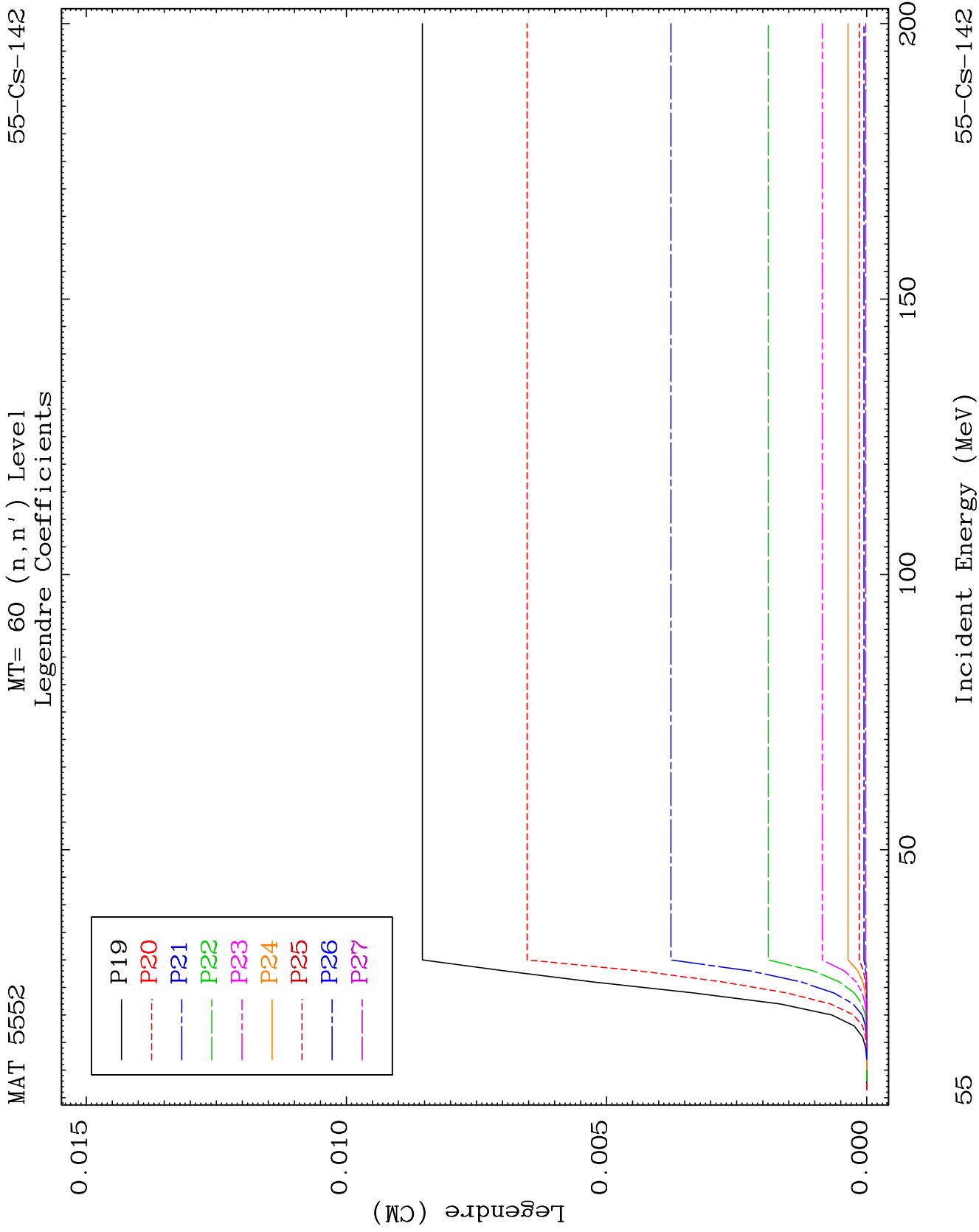


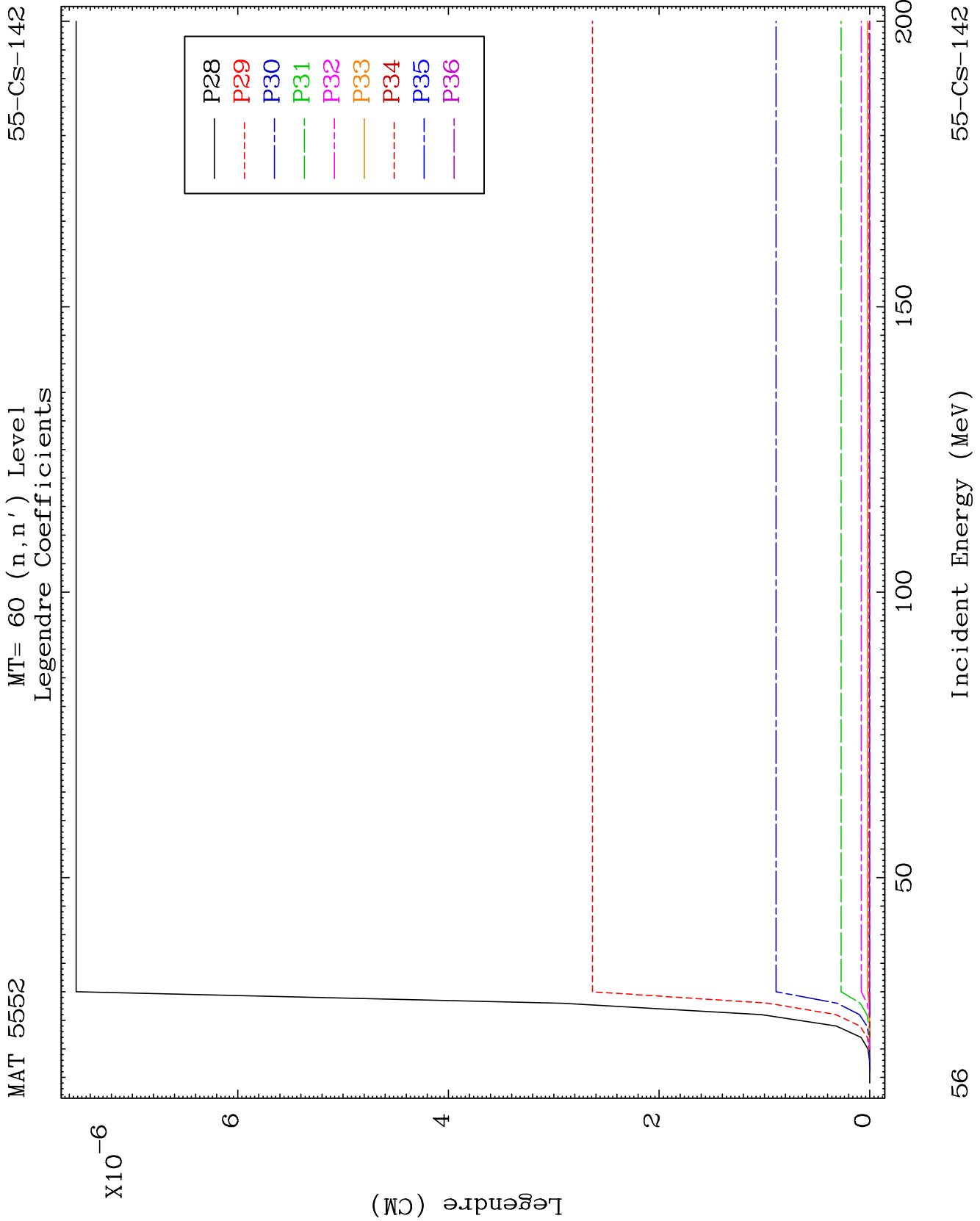










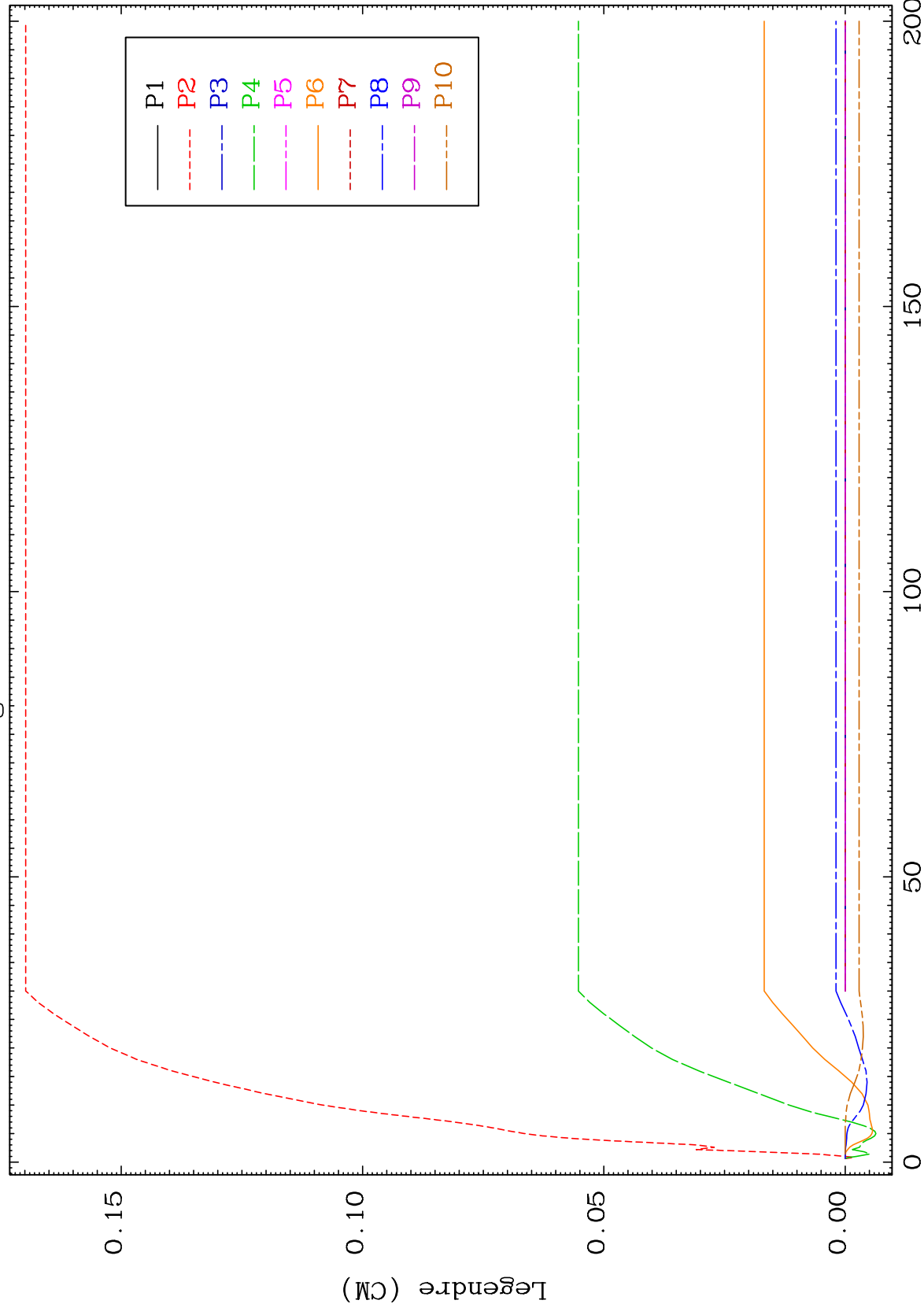


MAT 5552

MT= 61 (n, n') Level

55-CS-142

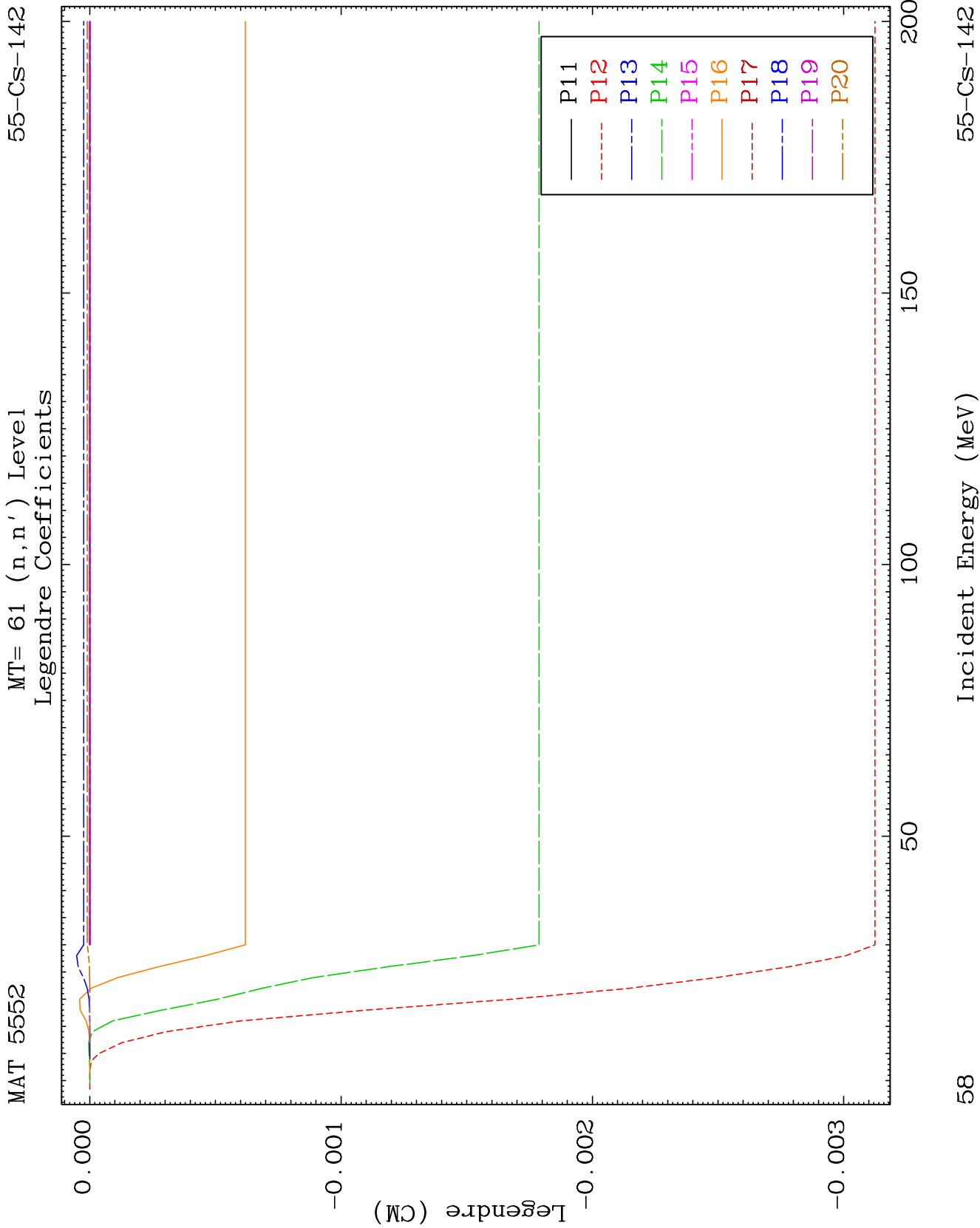
Legendre Coefficients

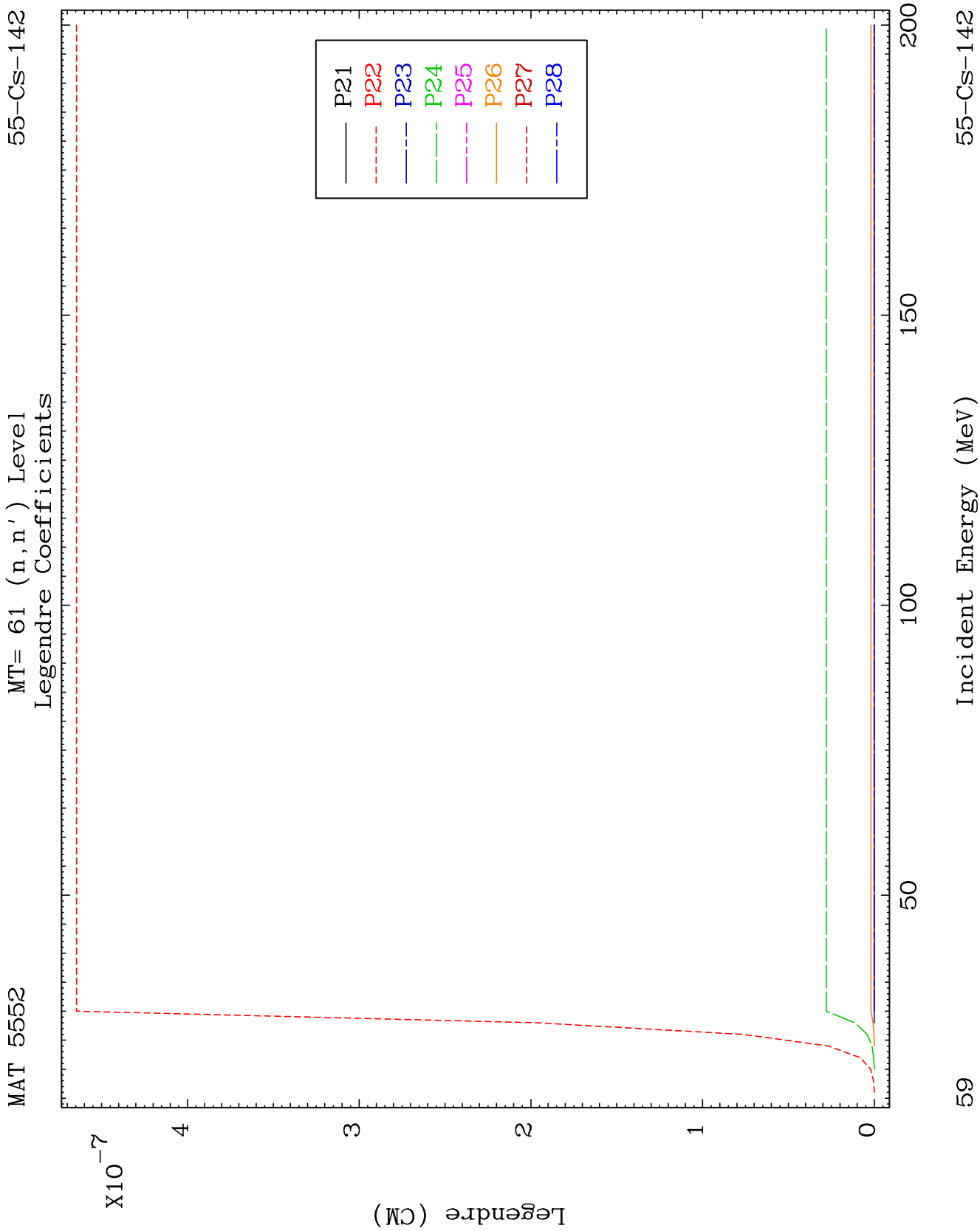


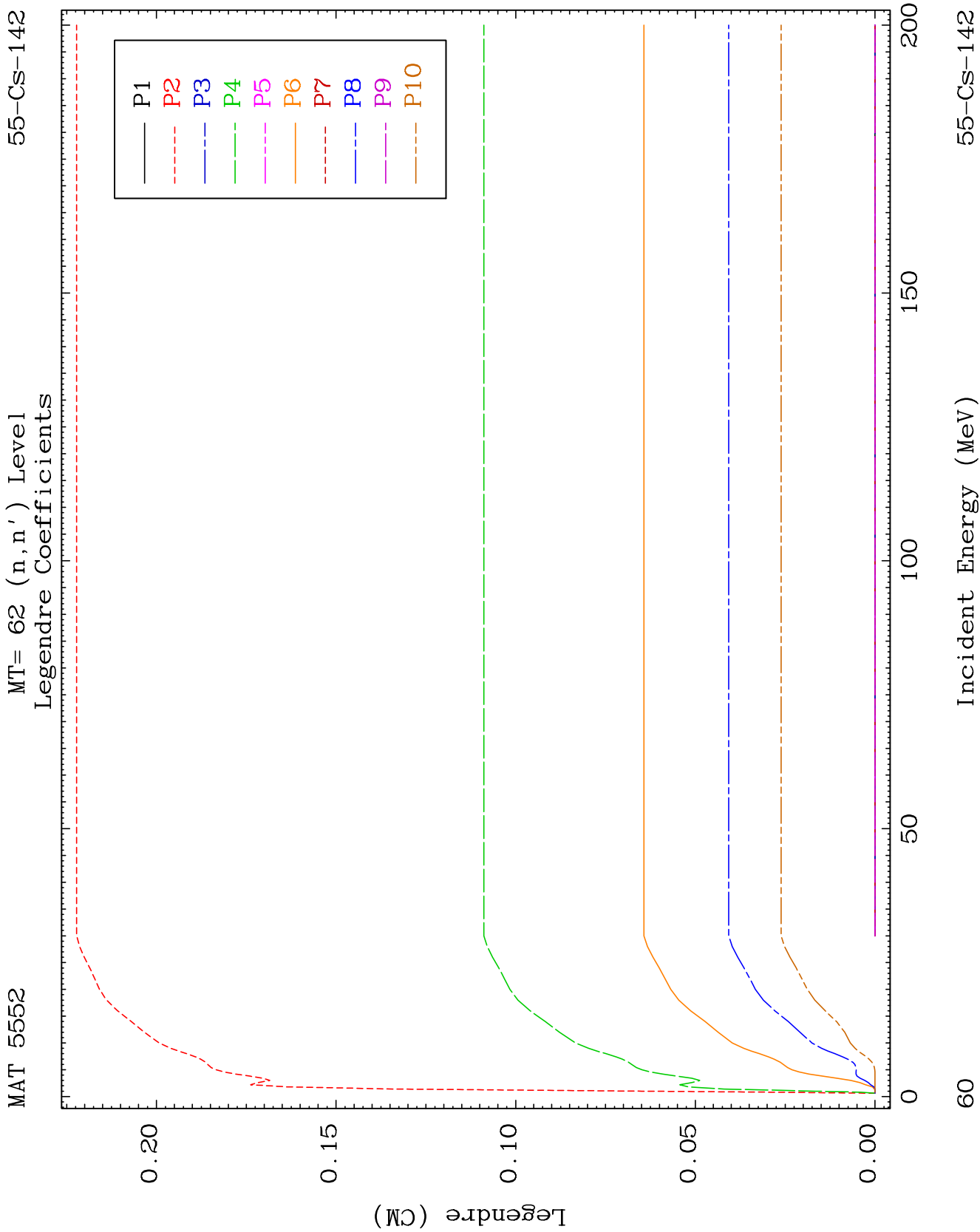
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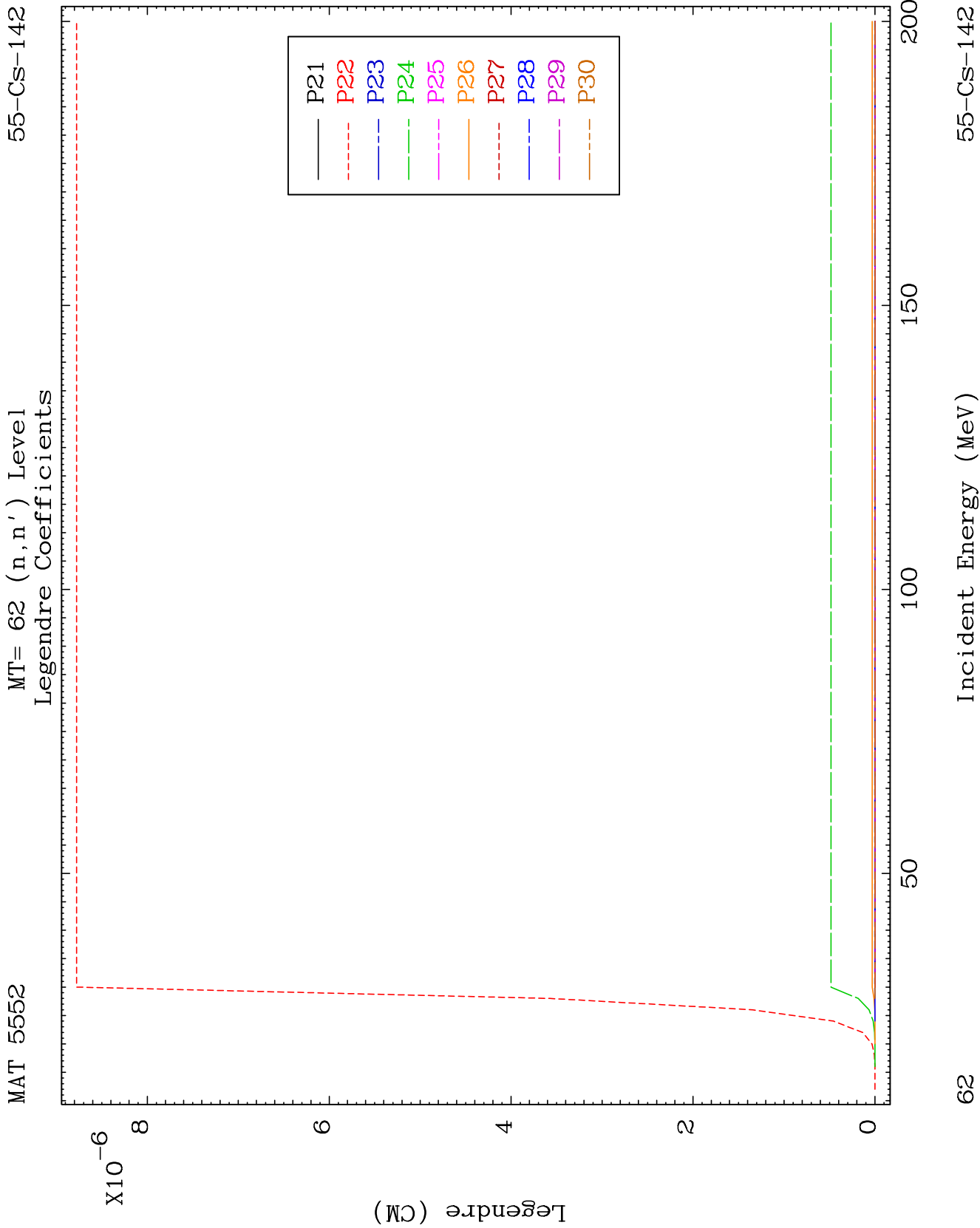
Incident Energy (MeV)

55-CS-142





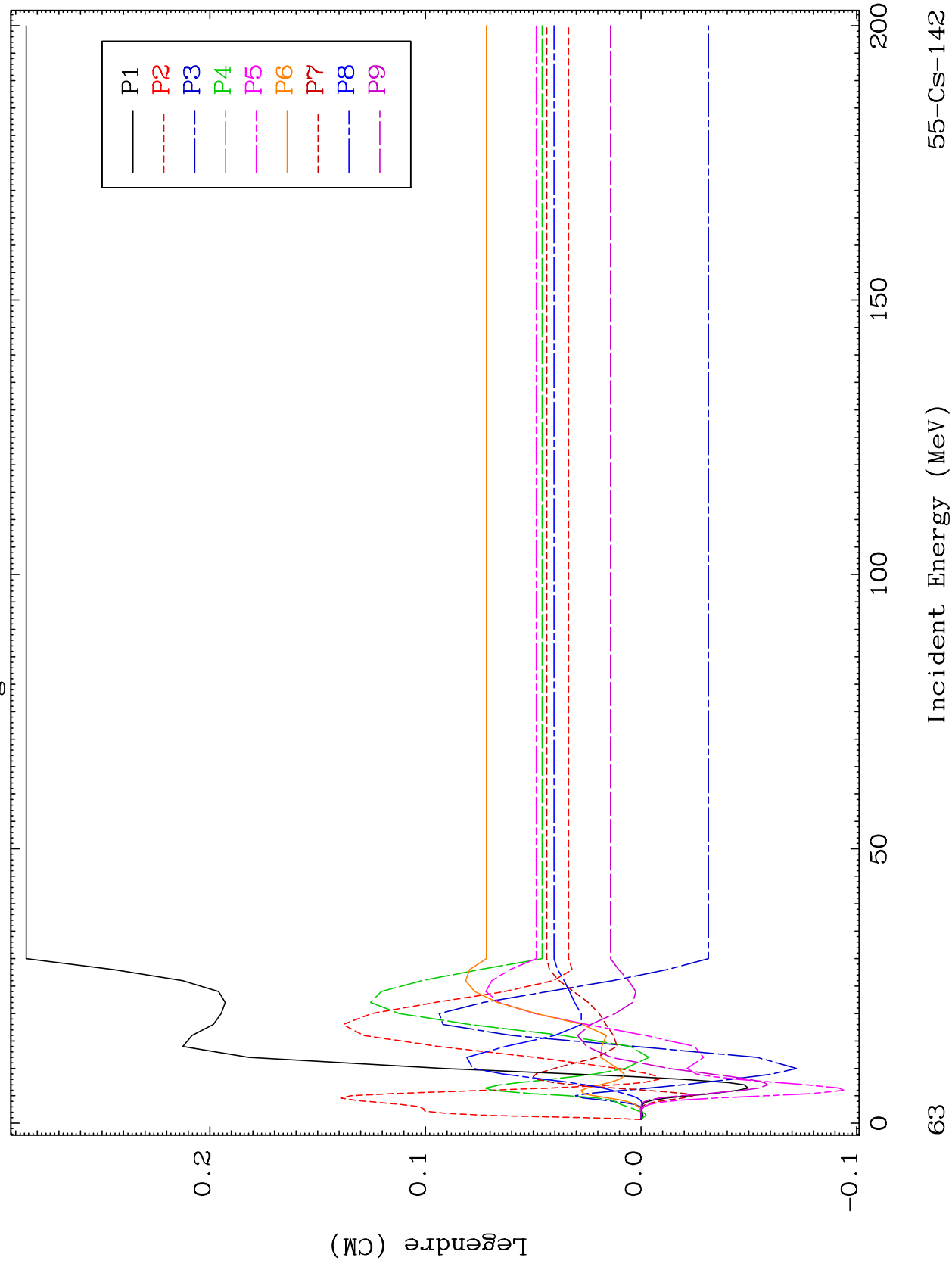


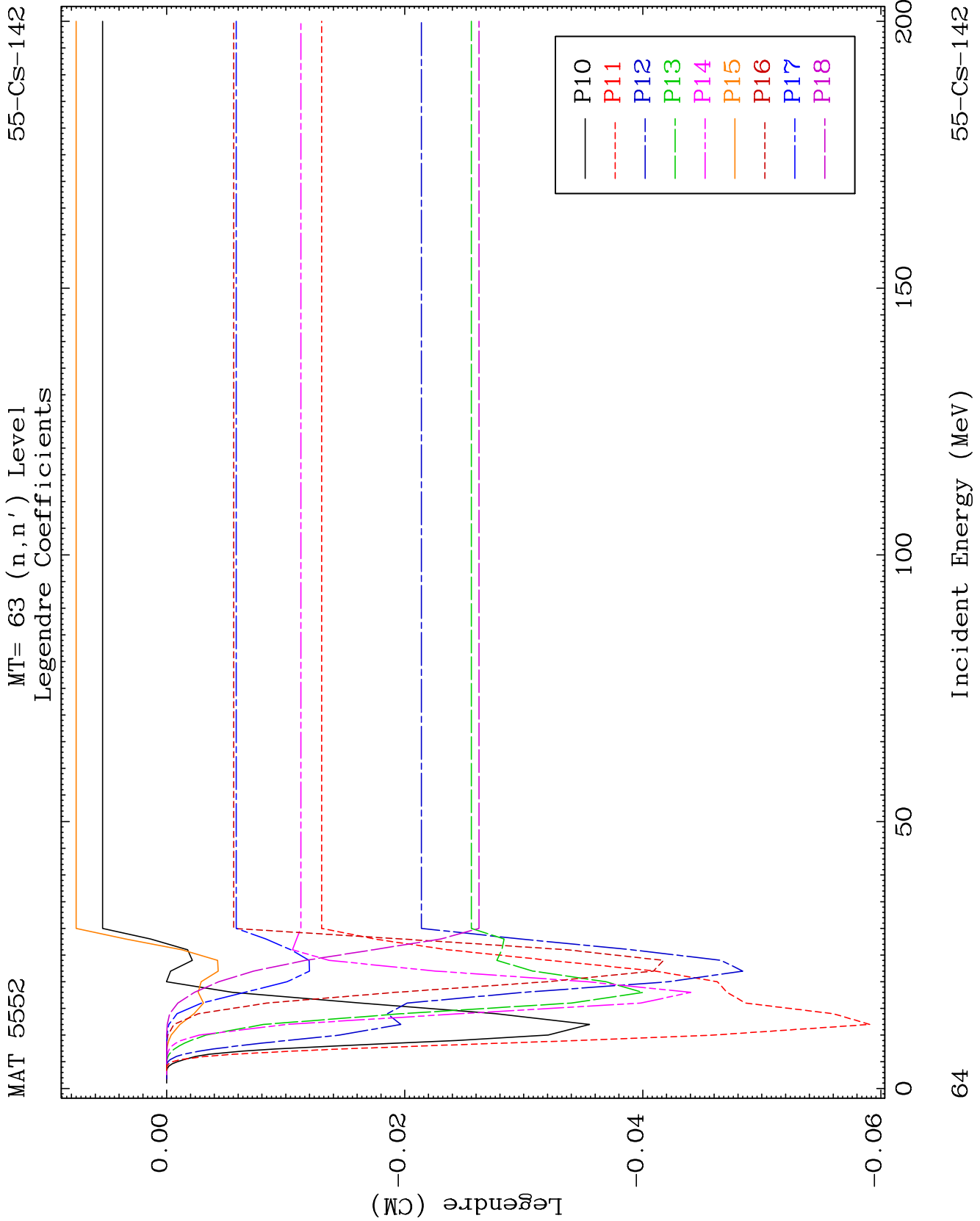


MAT 5552

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

55-CS-142

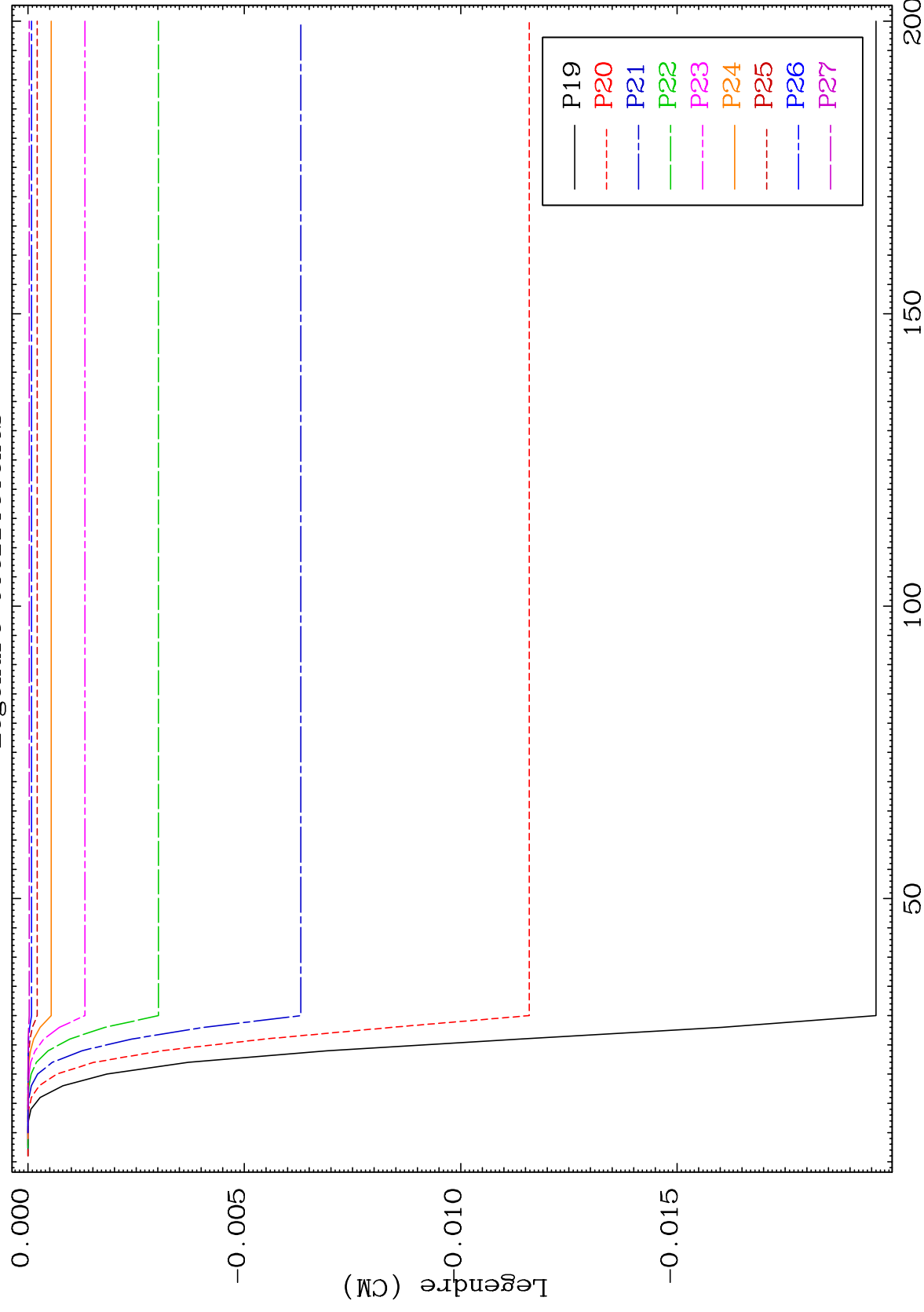




MAT 5552

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

55-CS-142



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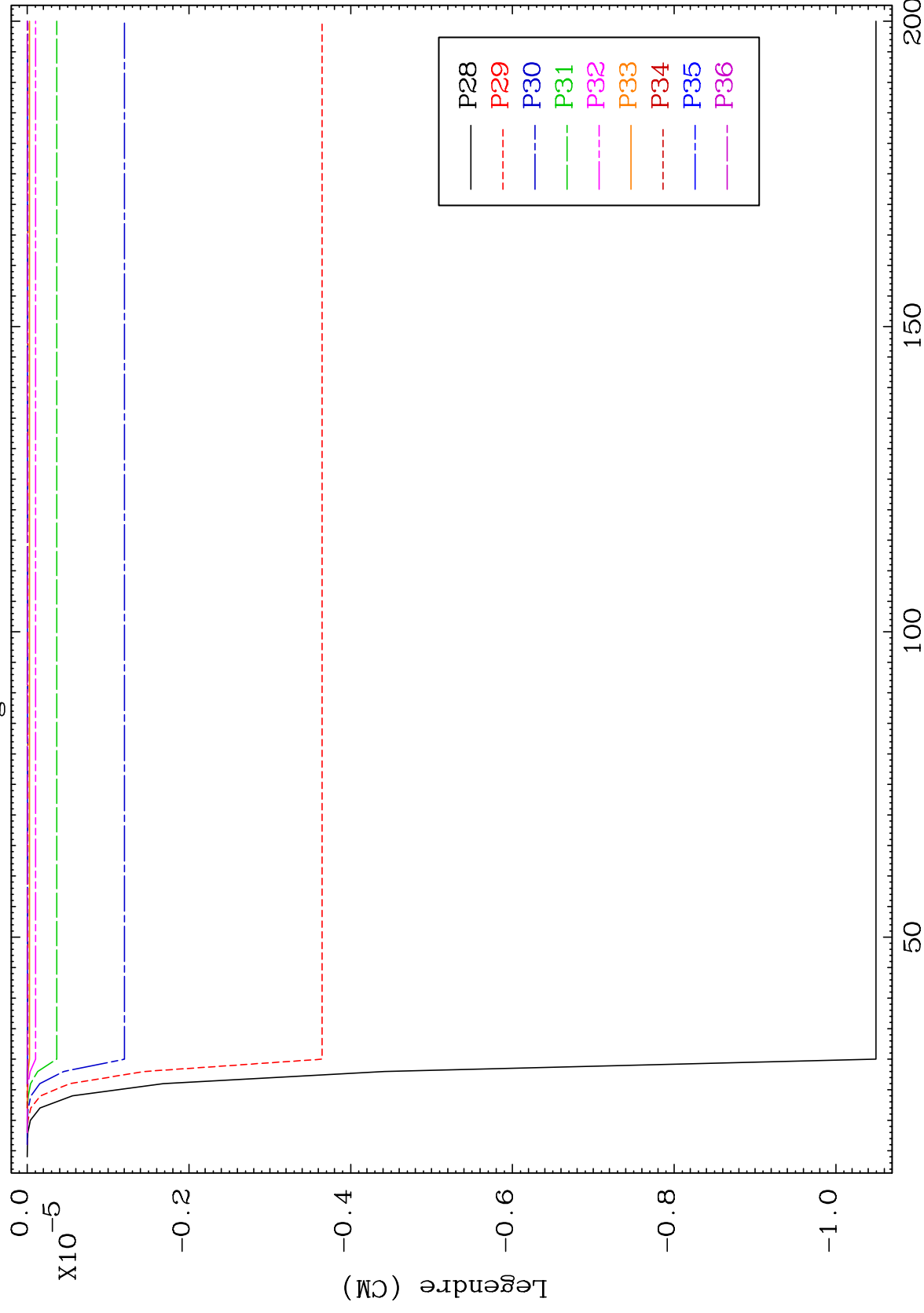
Incident Energy (MeV)

55-CS-142

MAT 5552

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

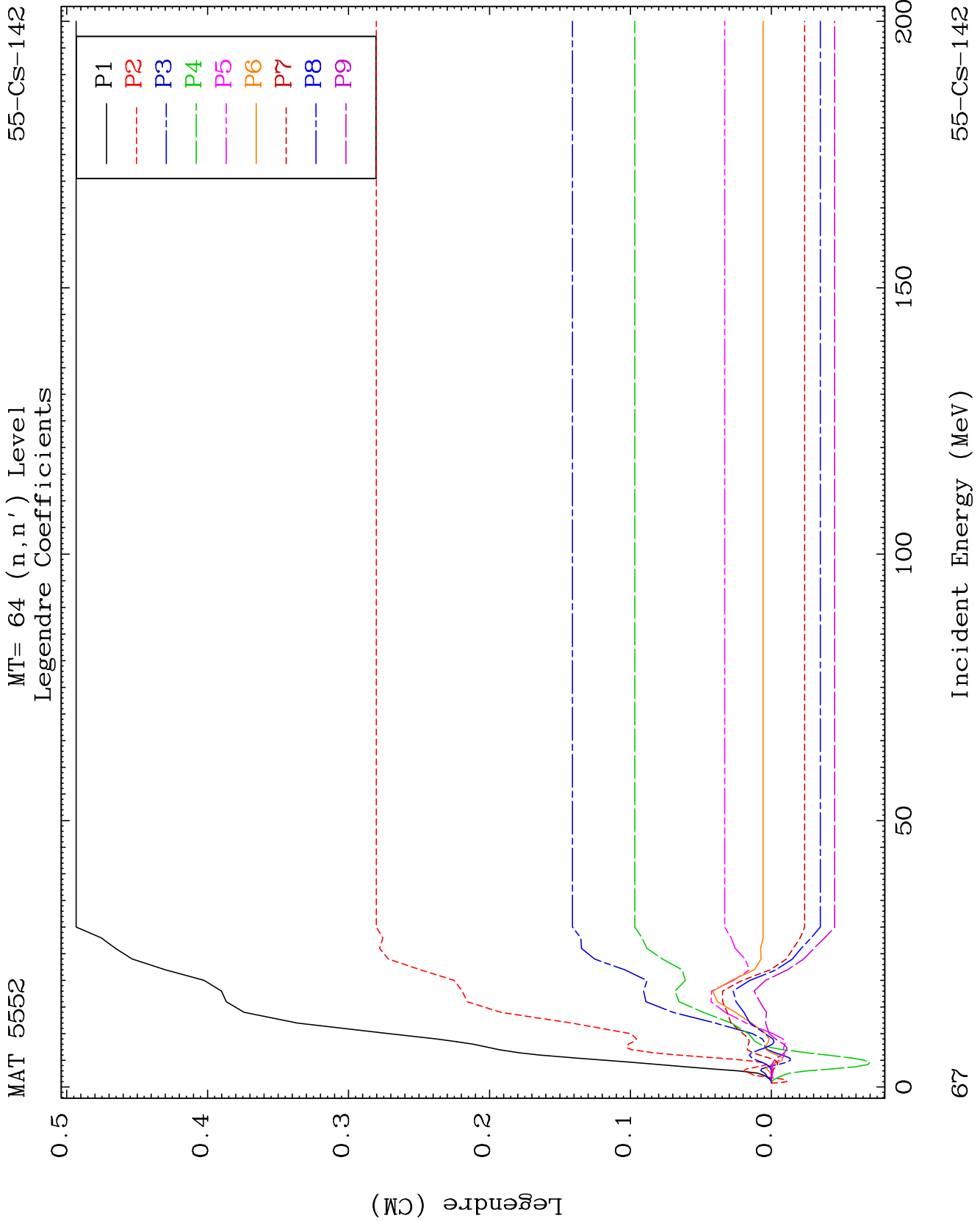
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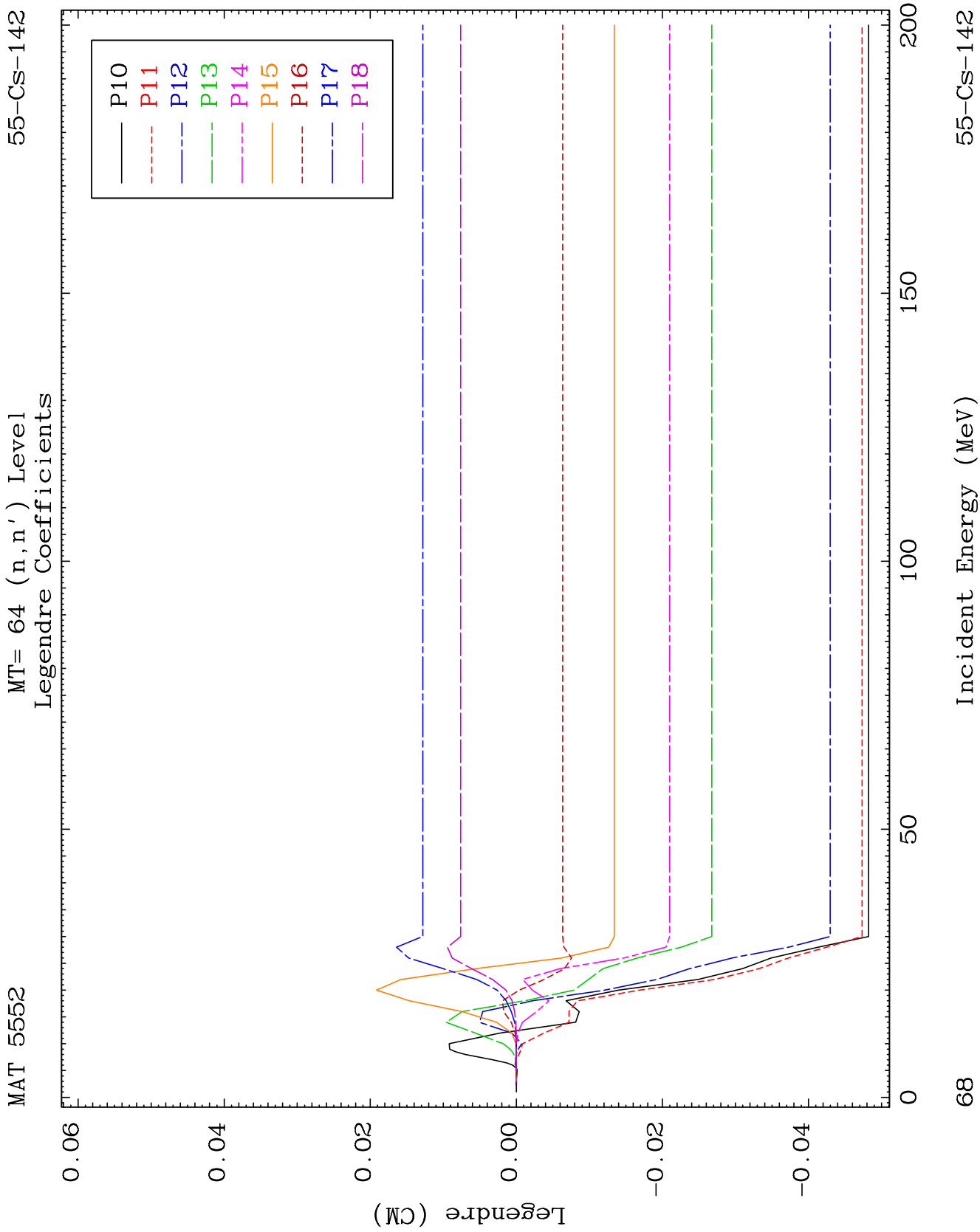


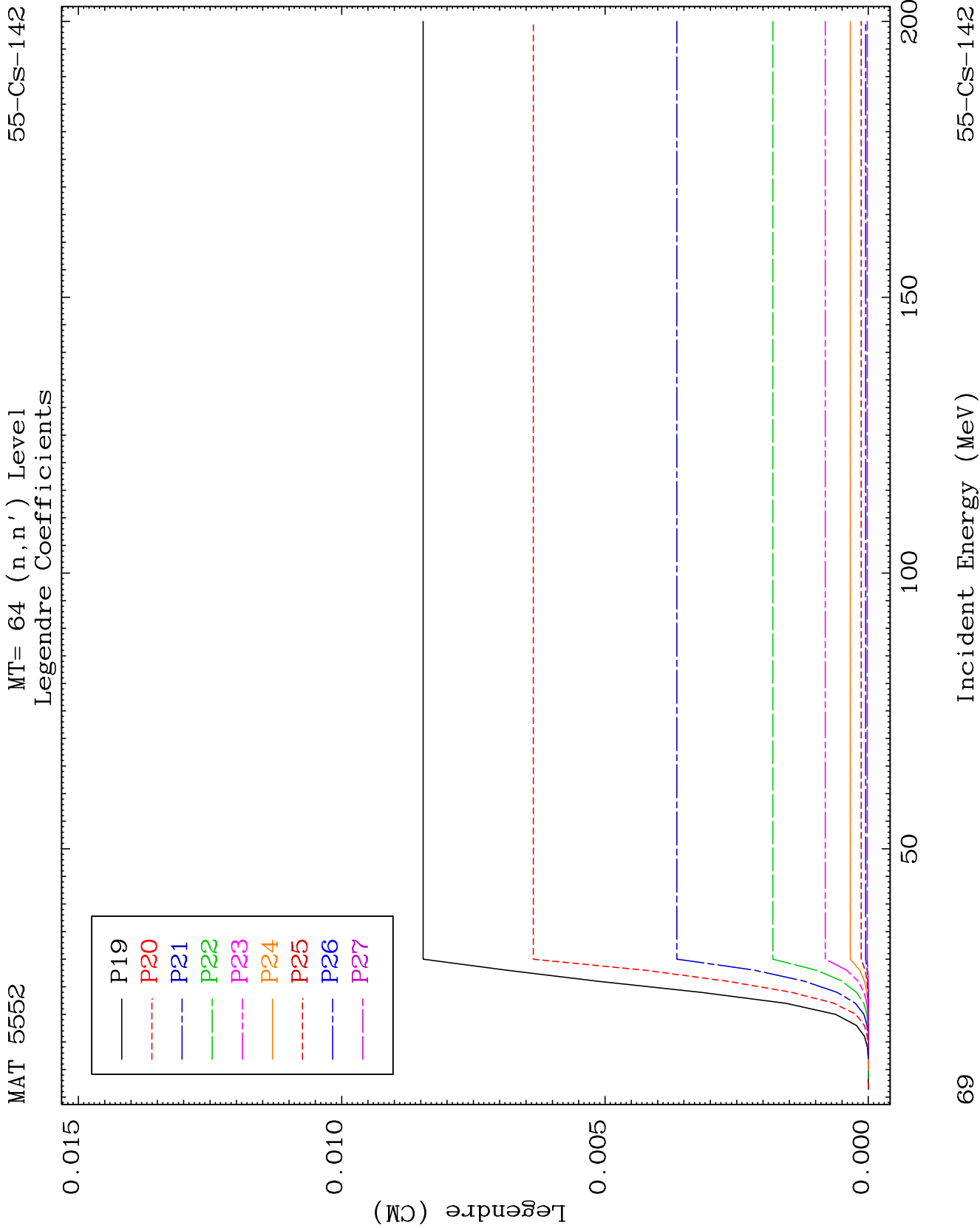
66

Incident Energy (MeV)

55-CS-142



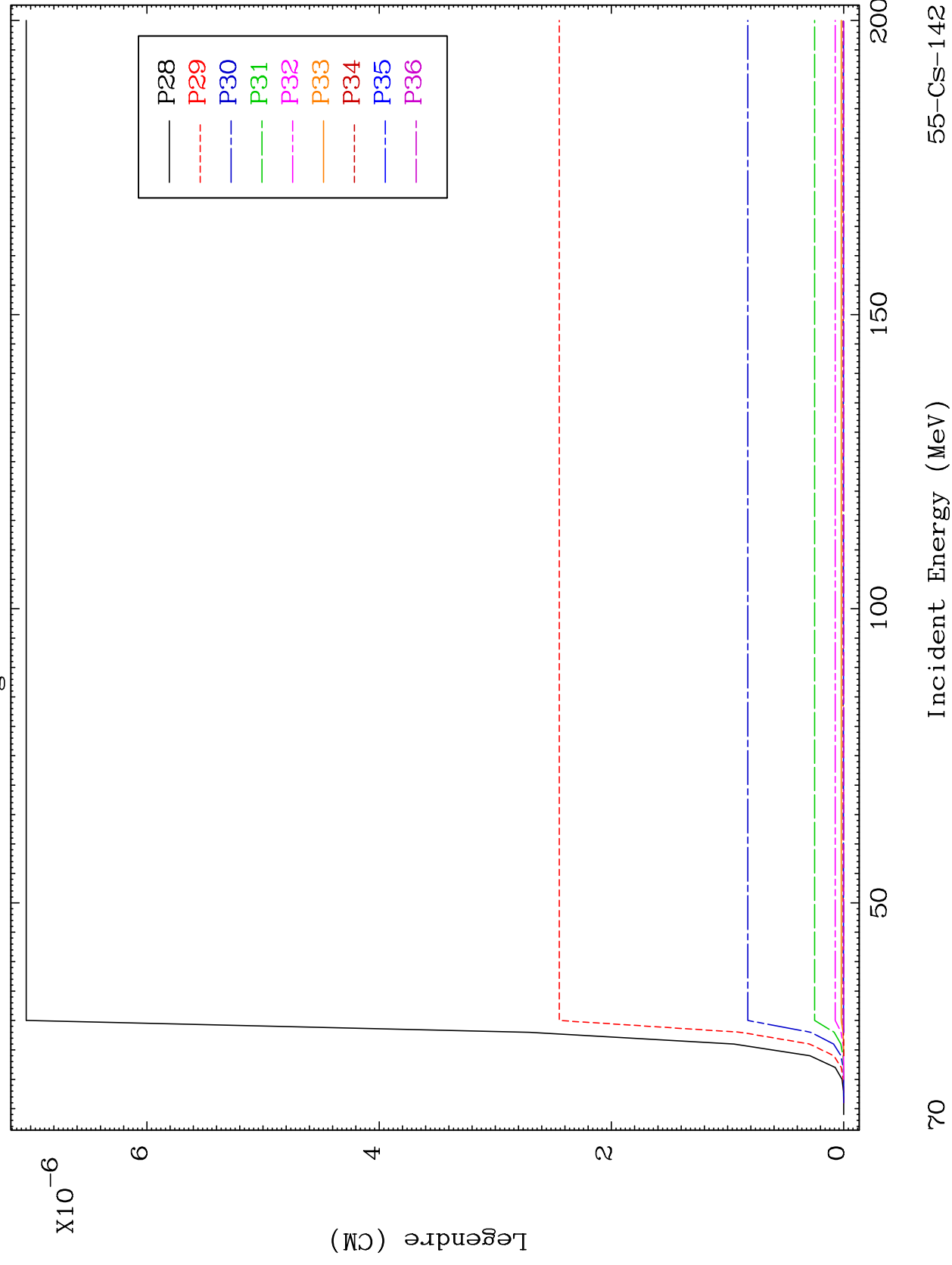


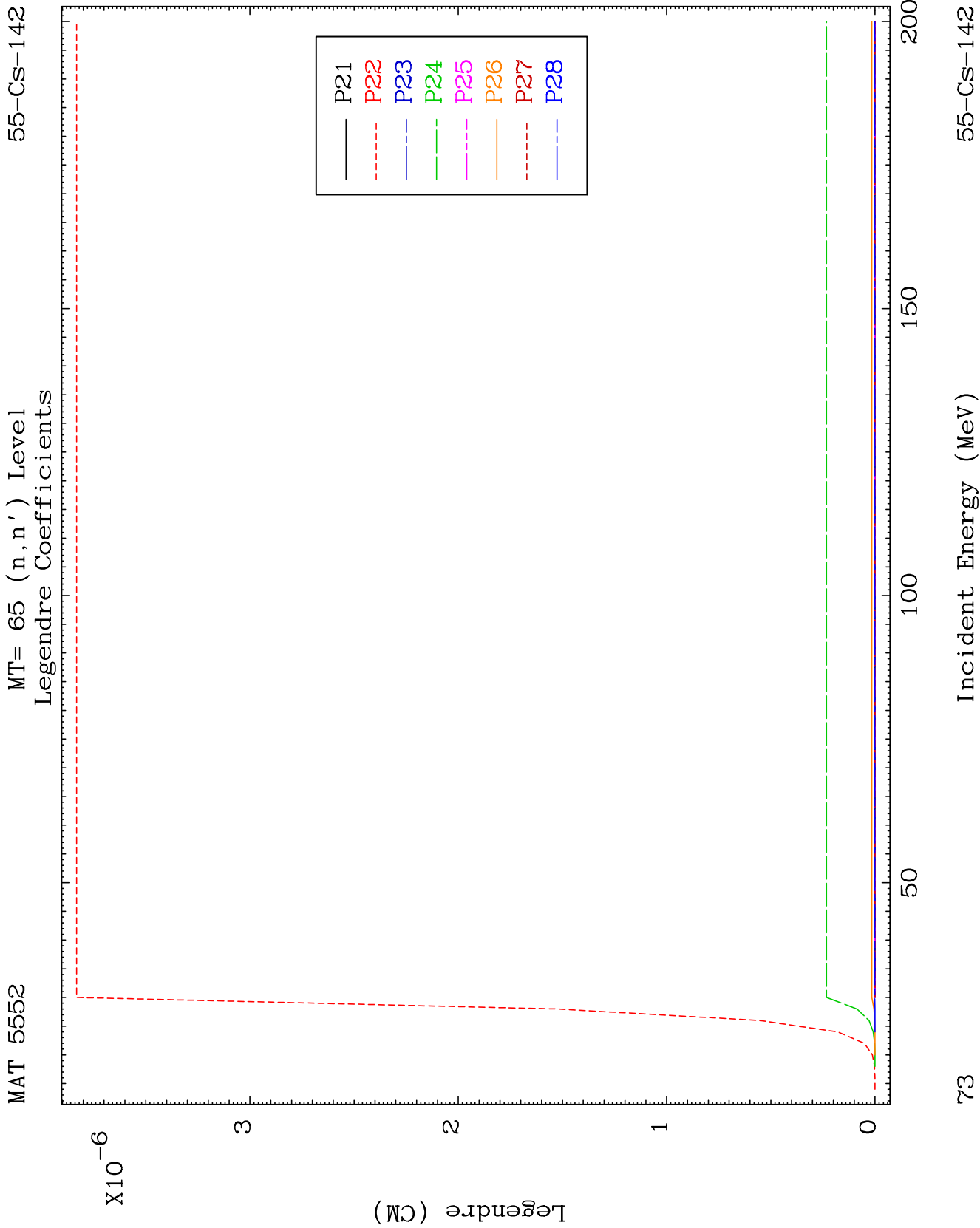


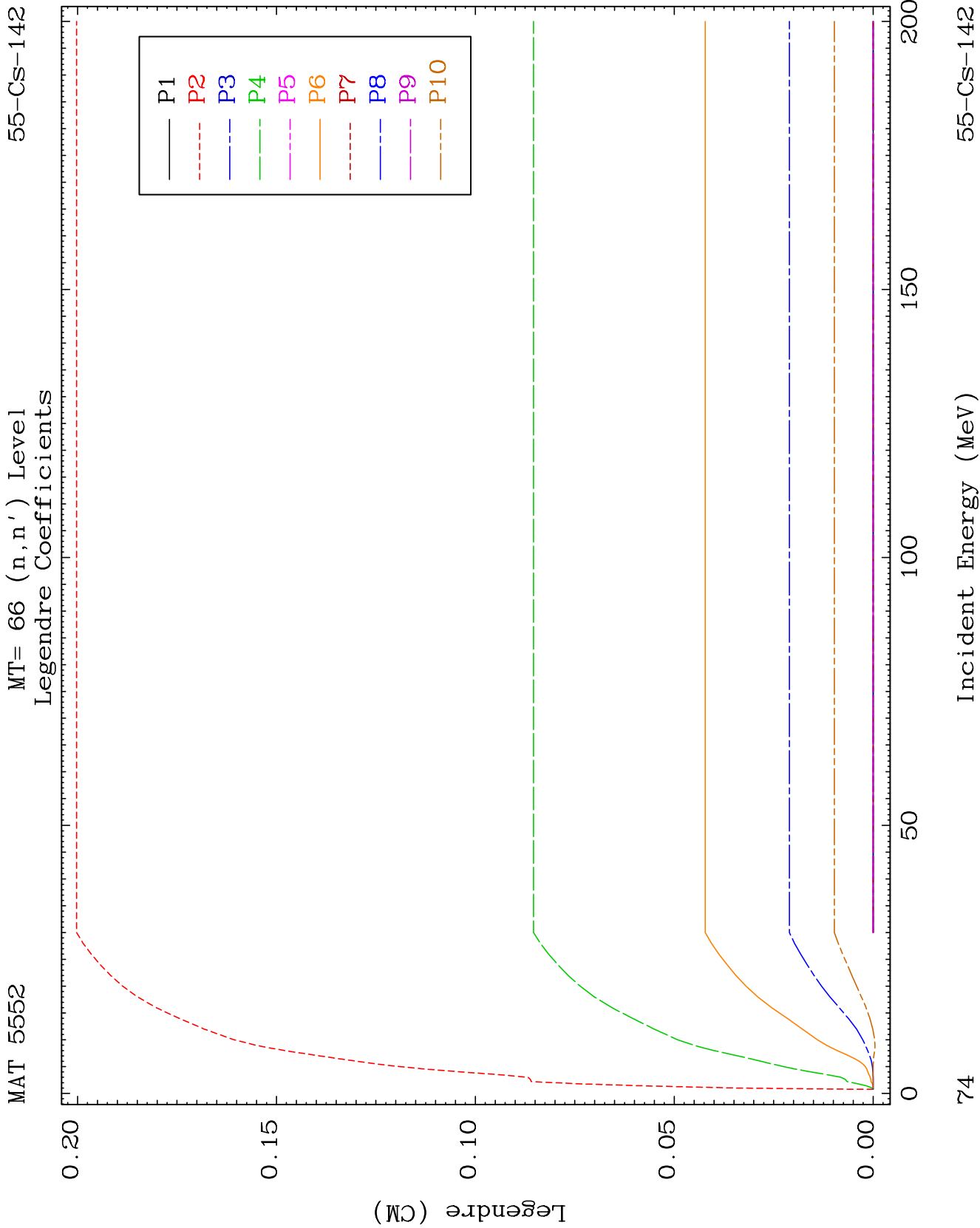
MAT 5552

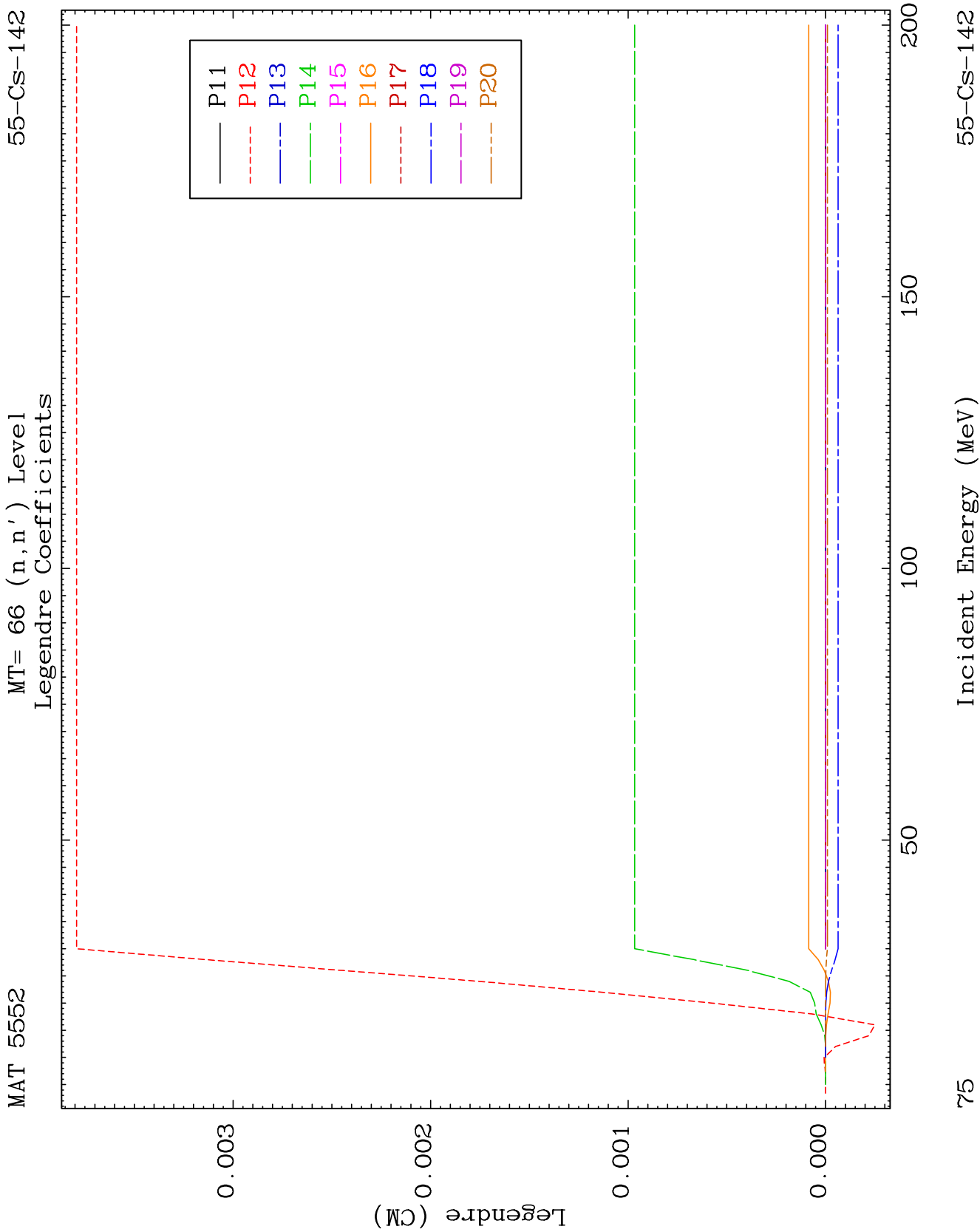
MT= 64 (n, n') Level
Legendre Coefficients

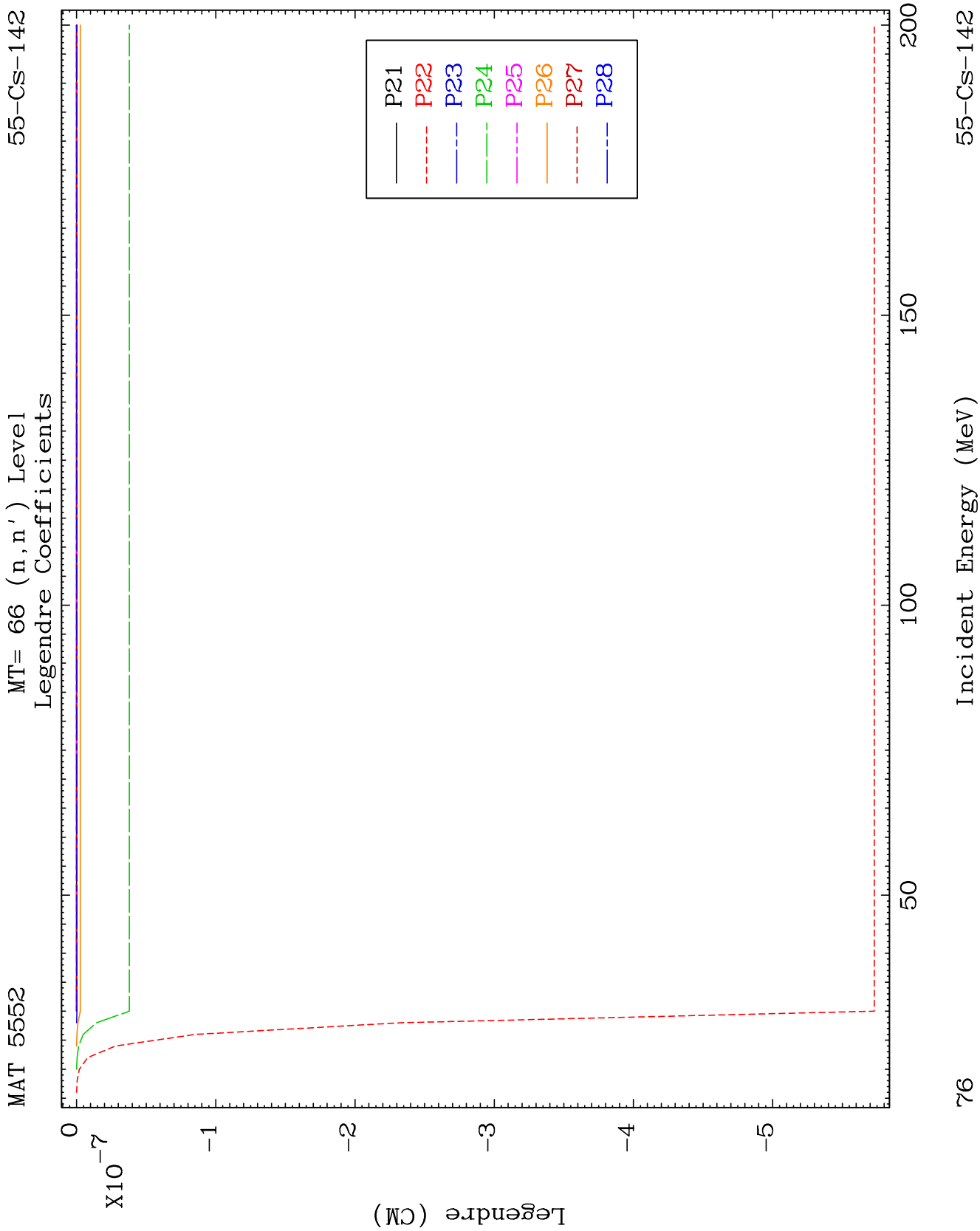
55-CS-142

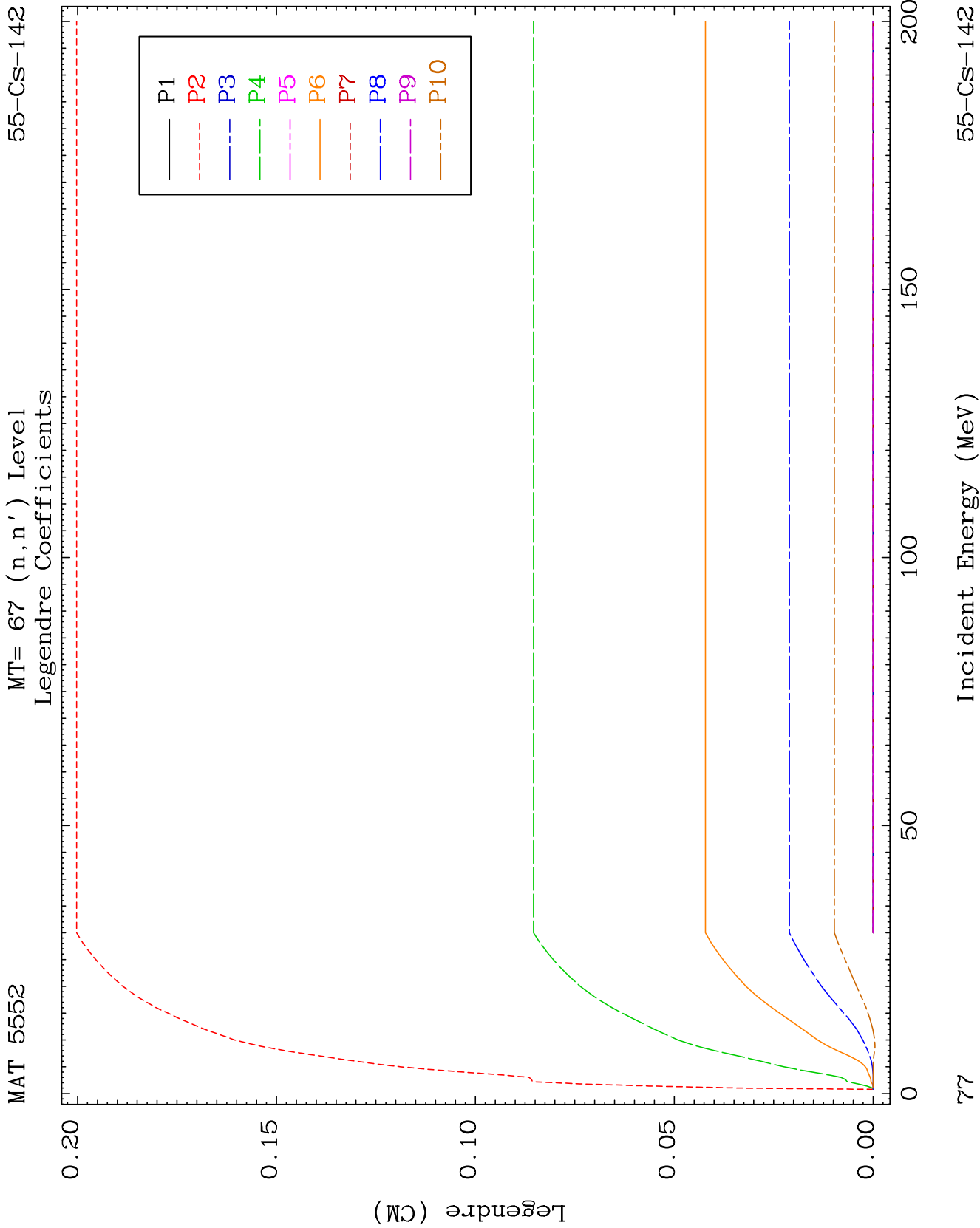


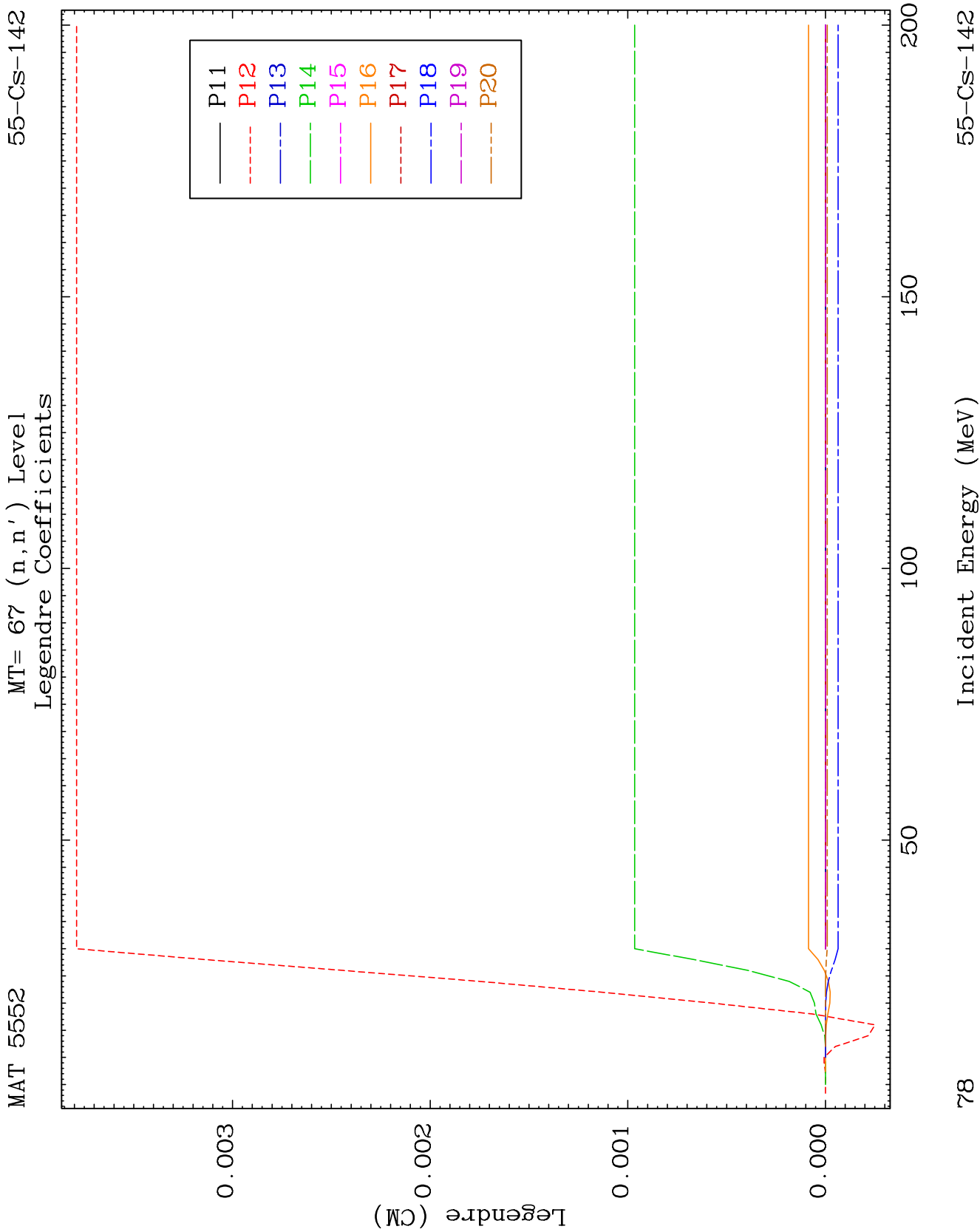








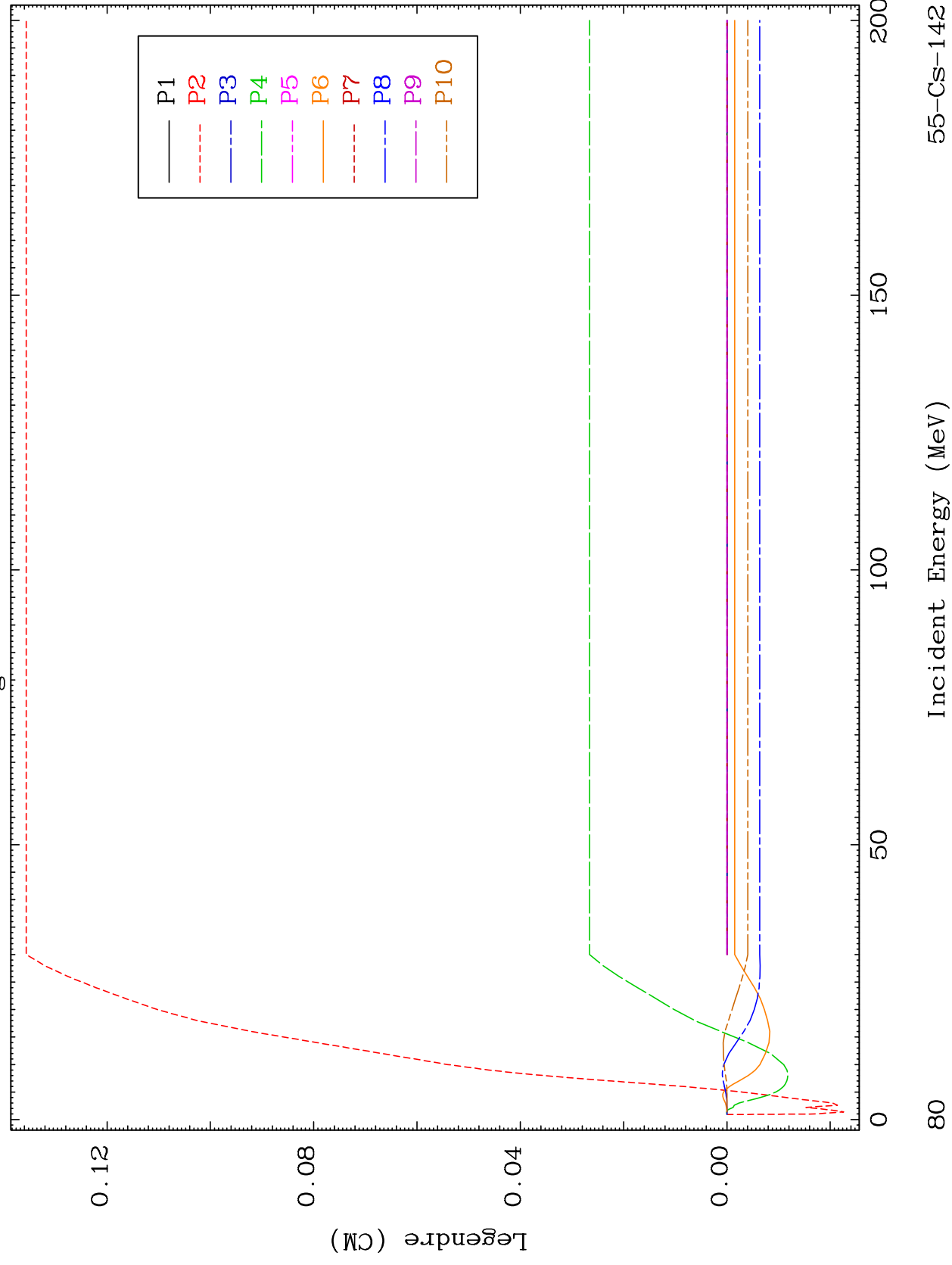


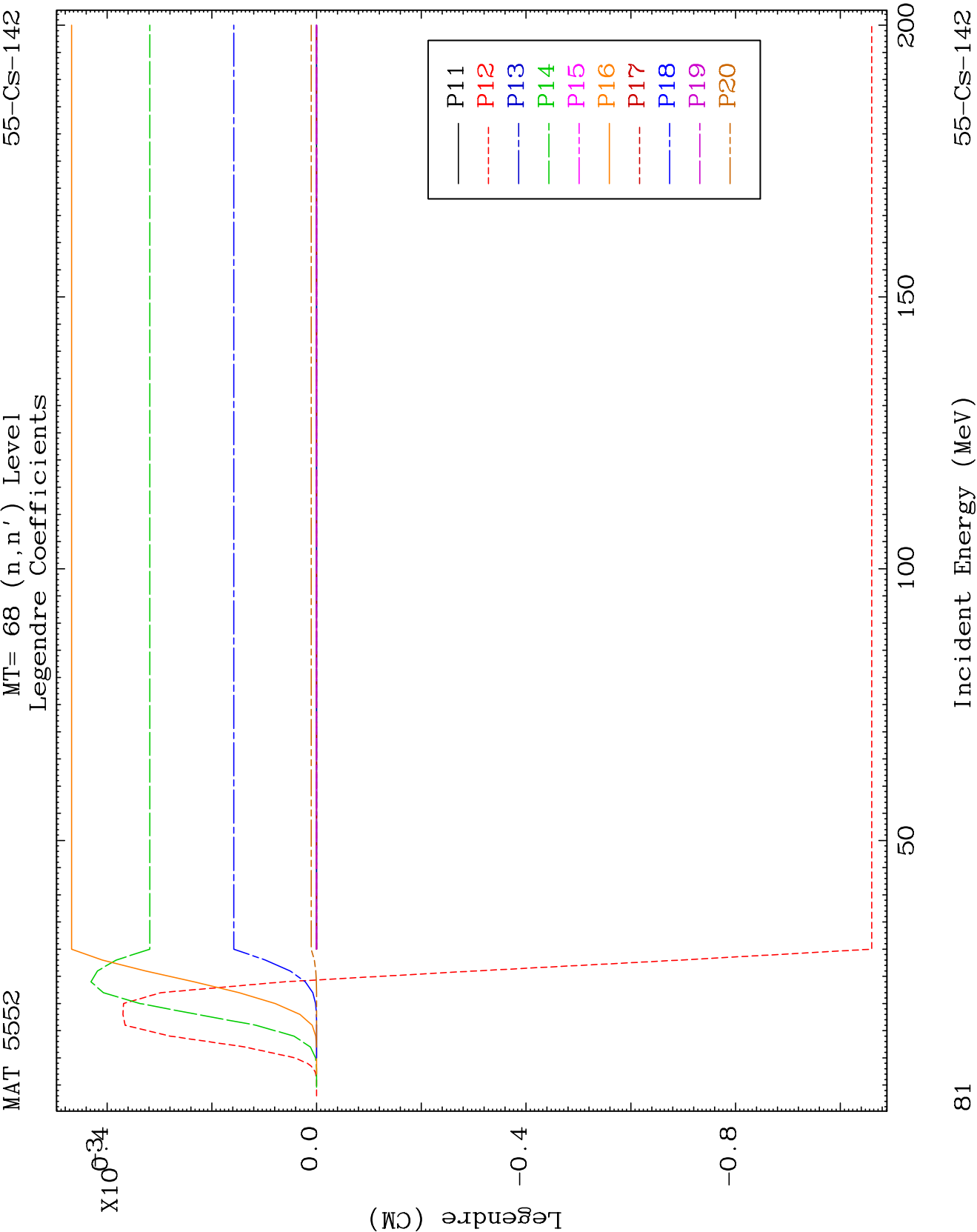


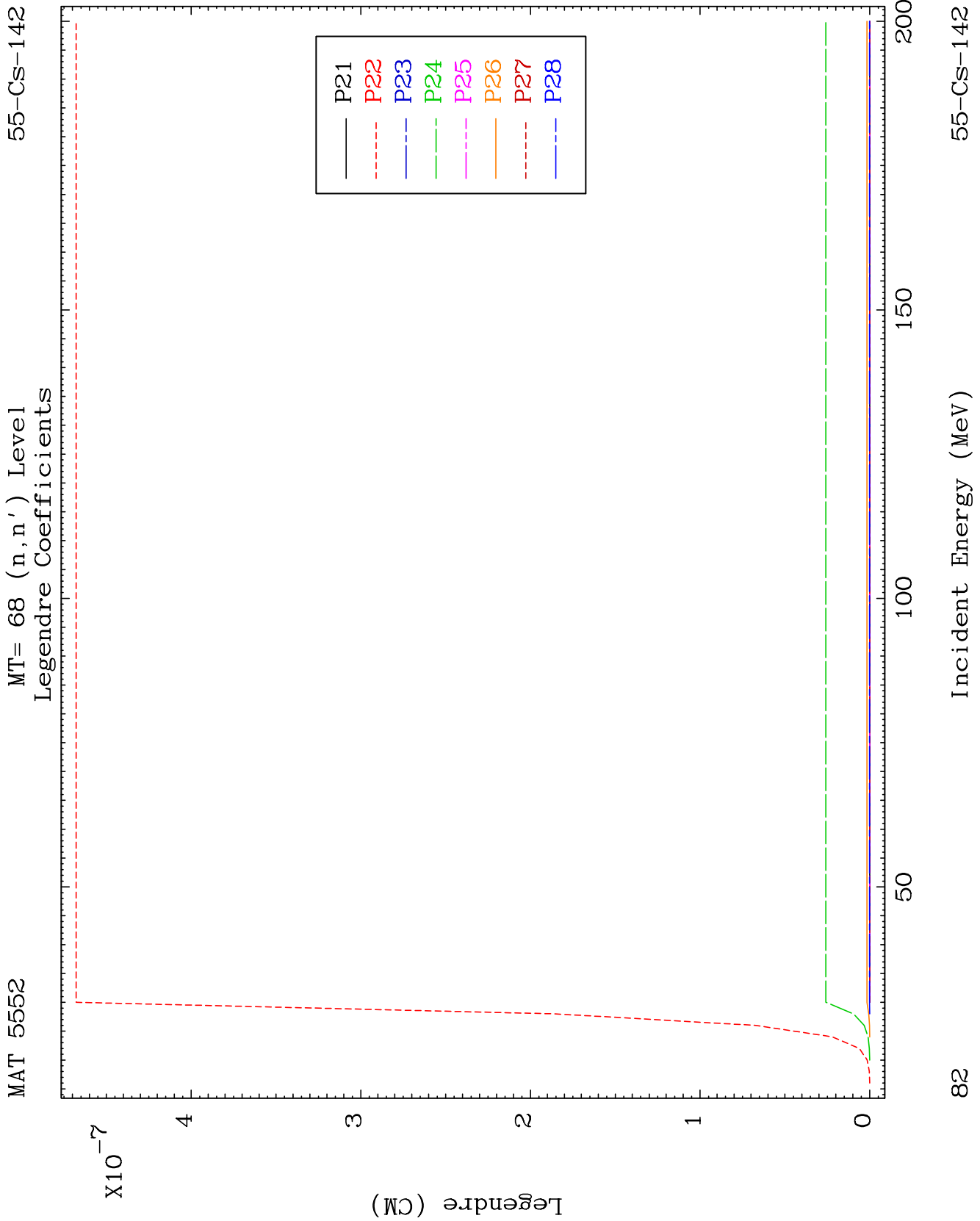
MAT 5552

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

55-CS-142



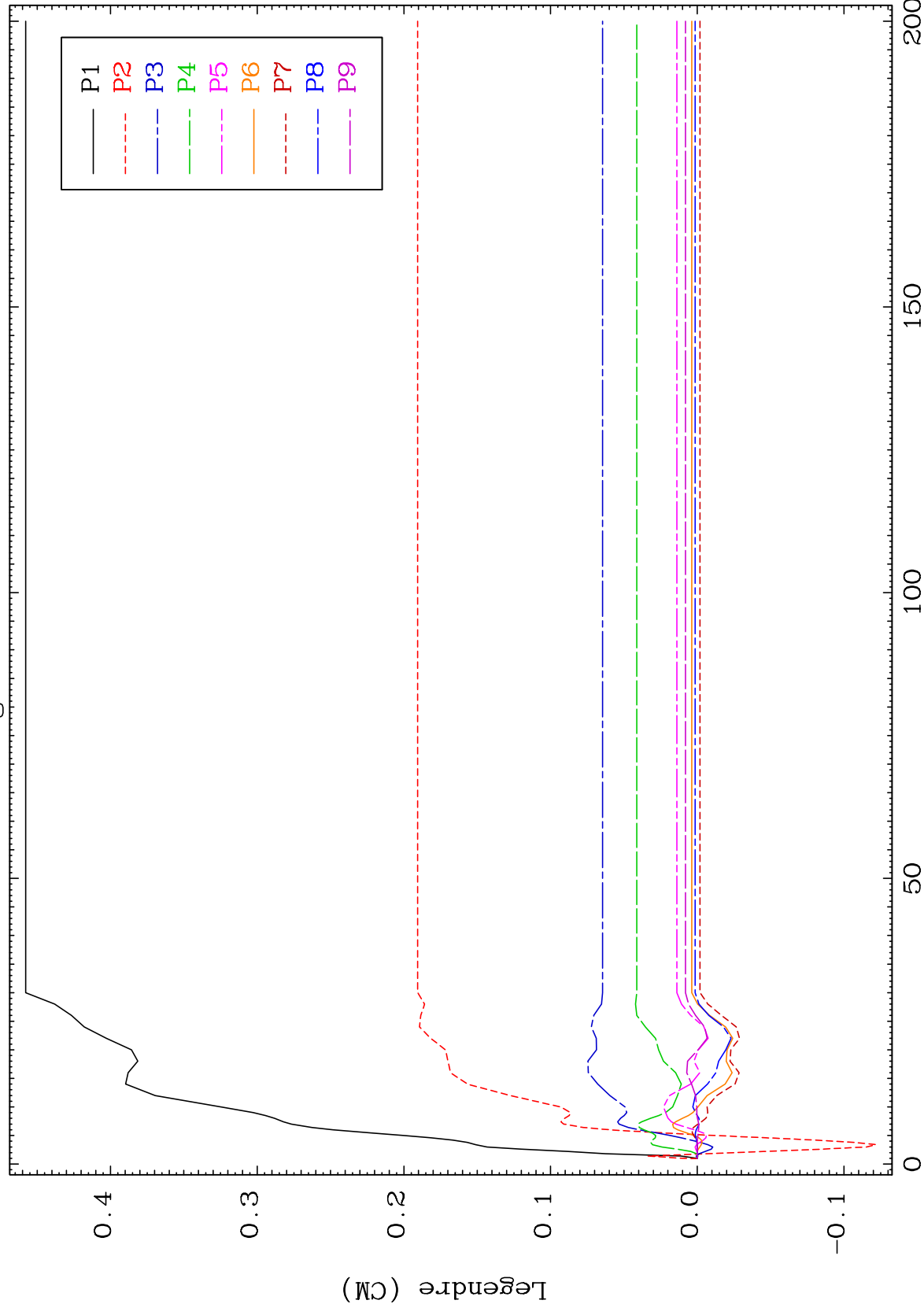




MAT 5552

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

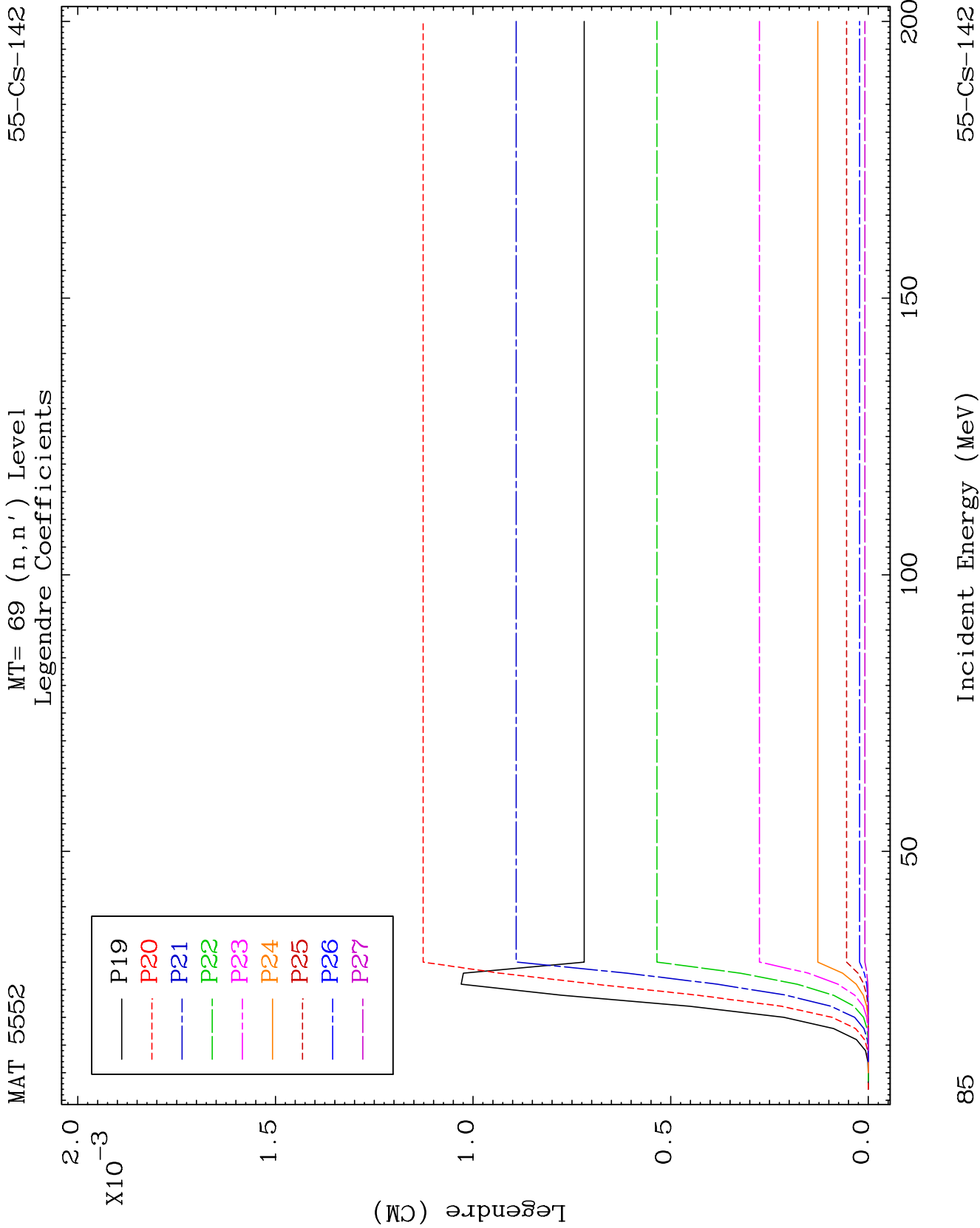
55-CS-142



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Incident Energy (MeV)

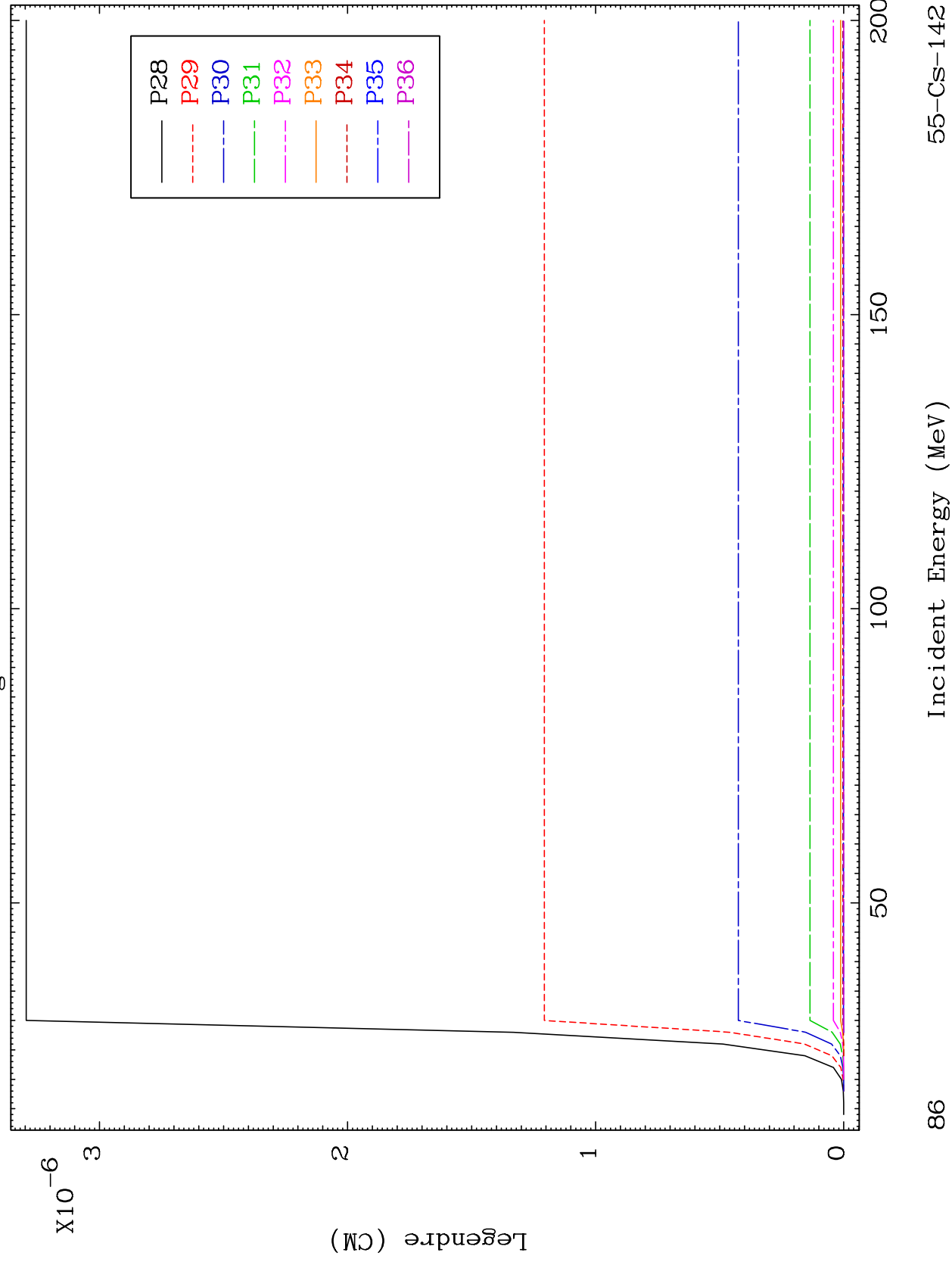
55-CS-142

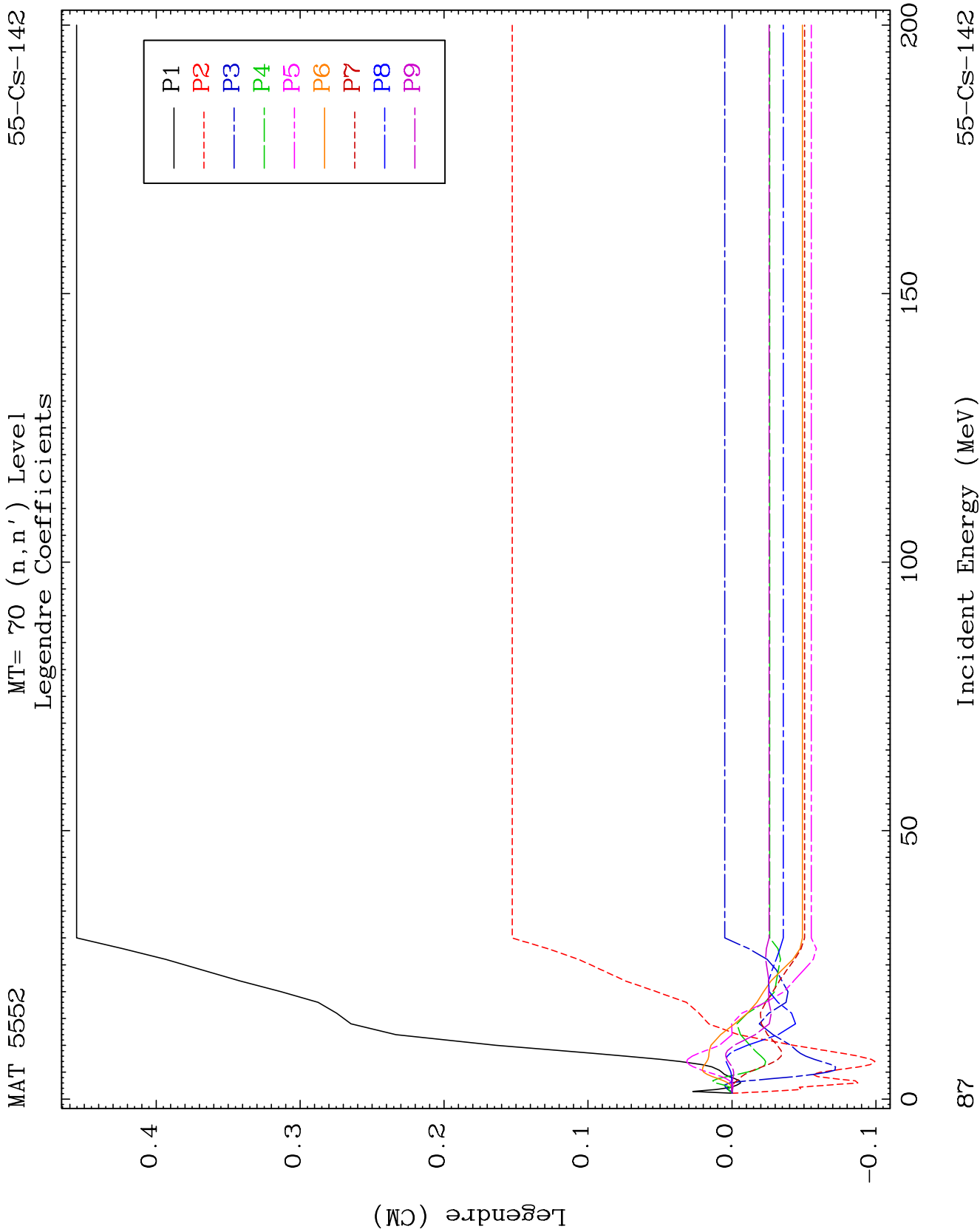


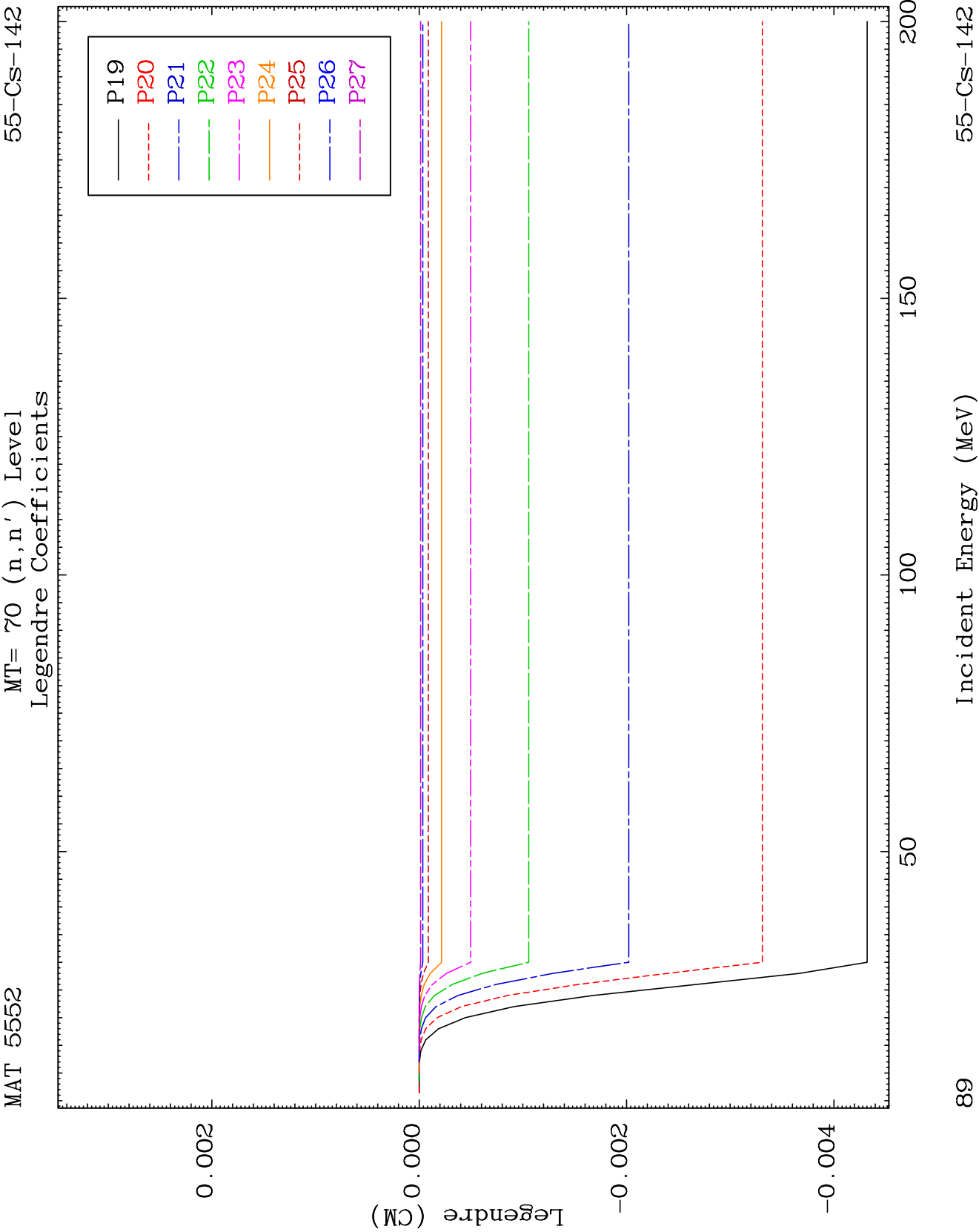
MAT 5552

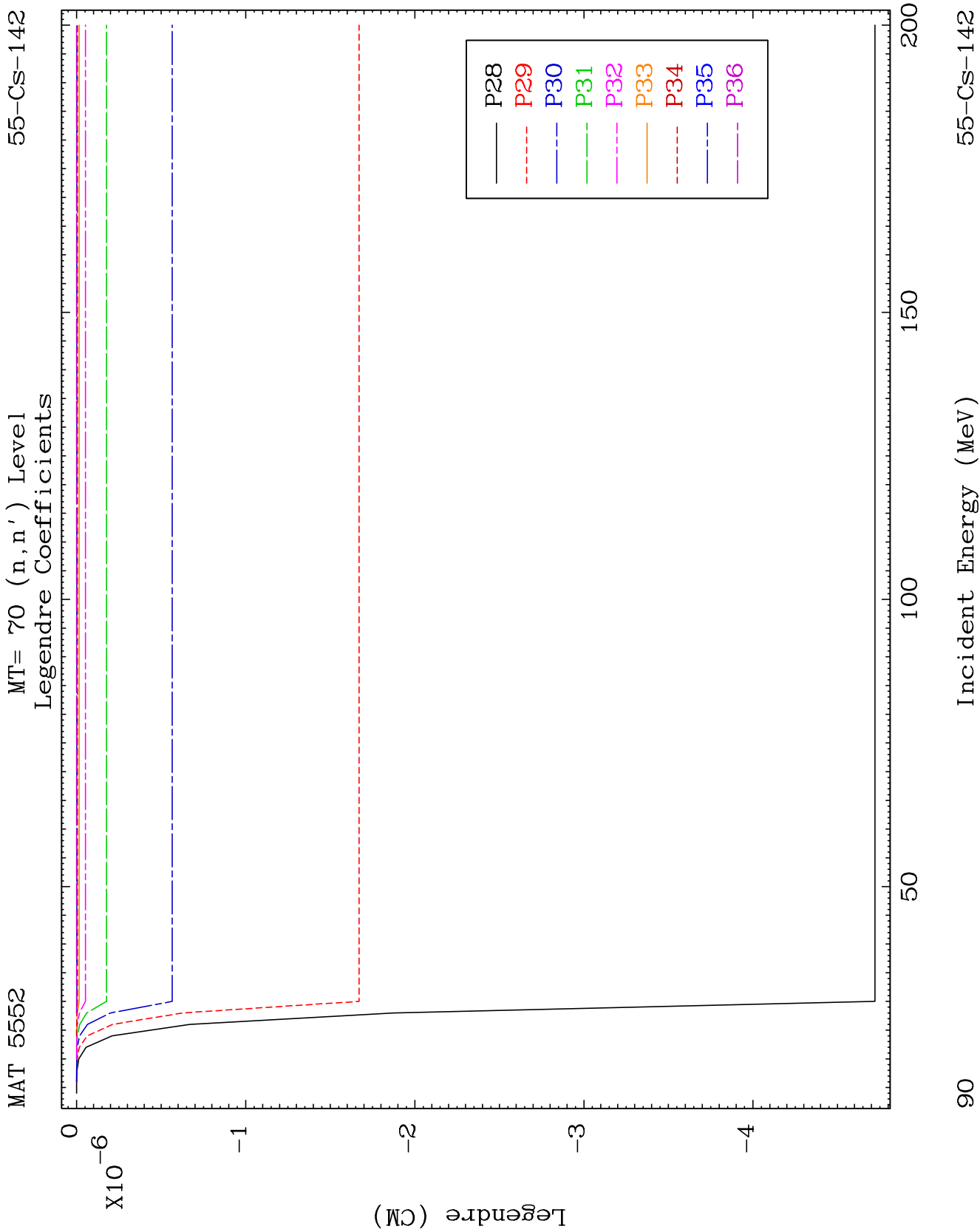
MT= 69 (n, n') Level
Legendre Coefficients

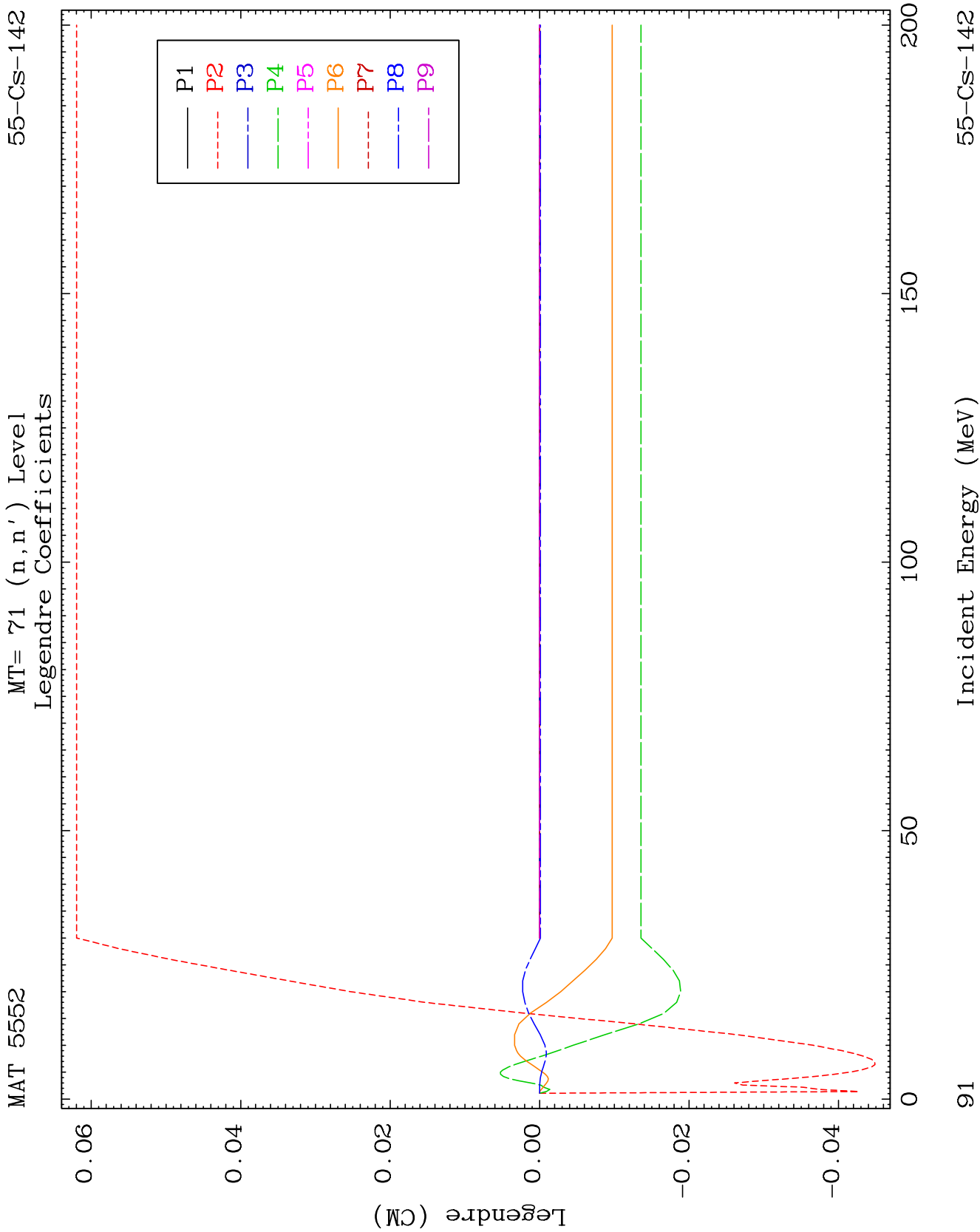
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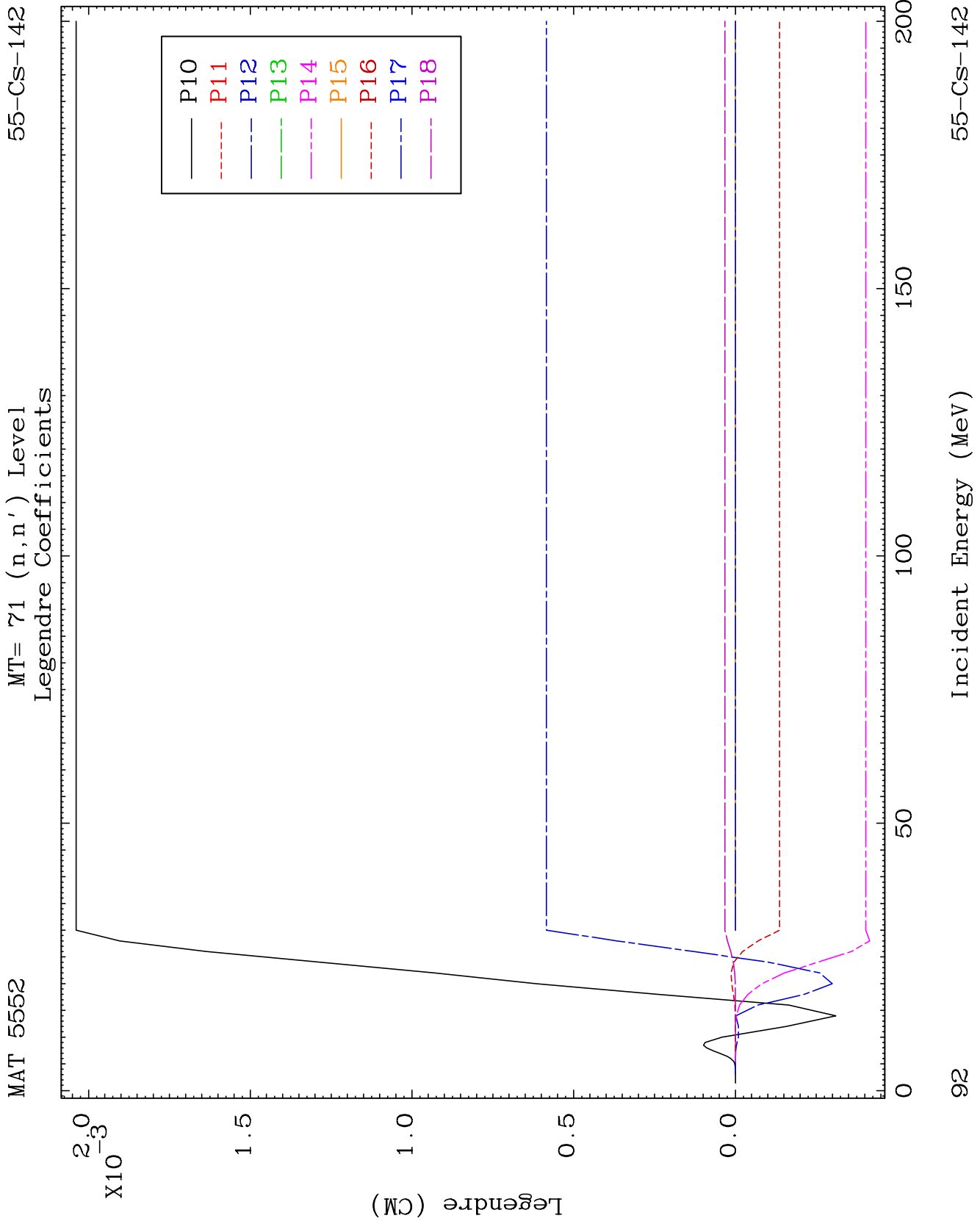


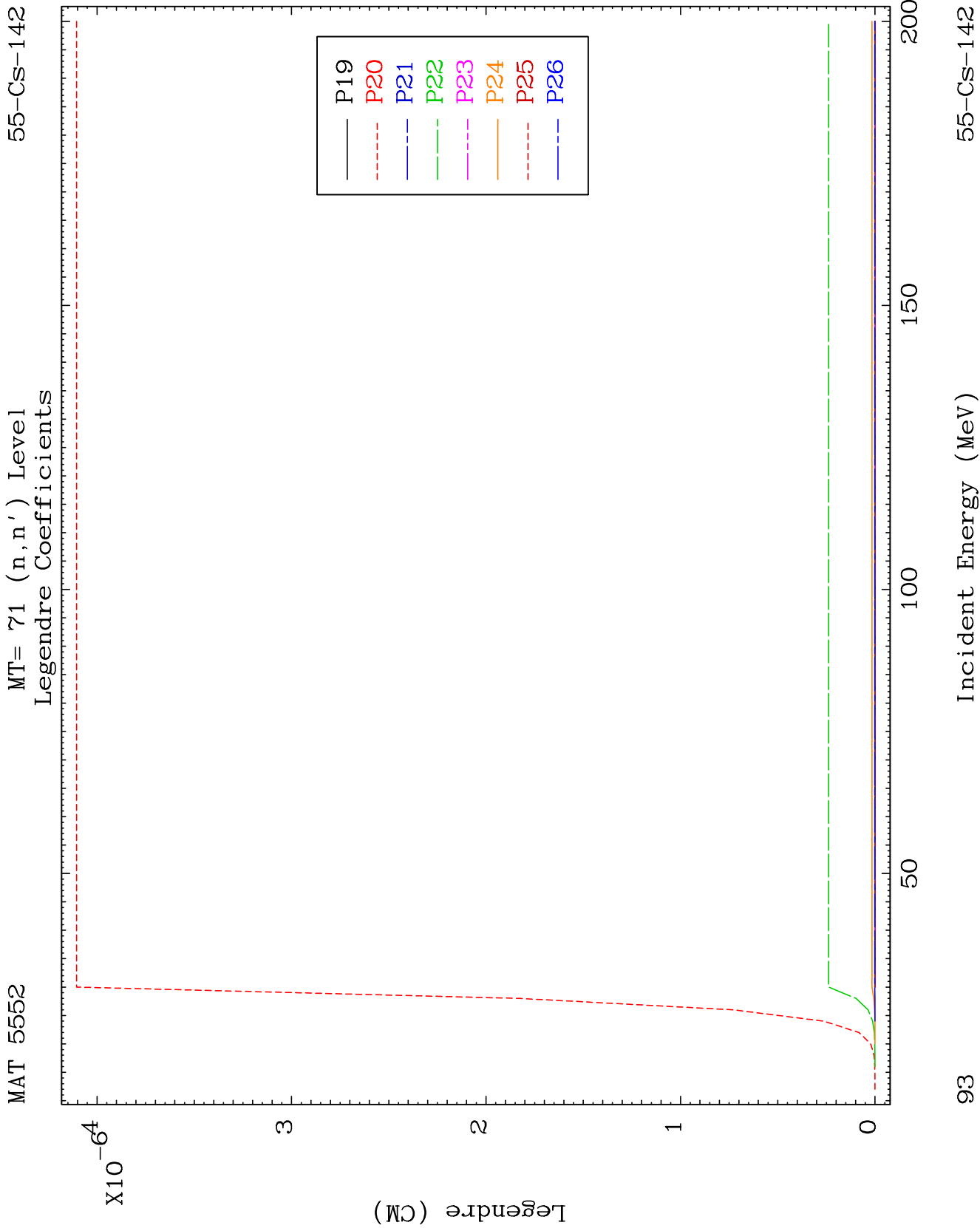


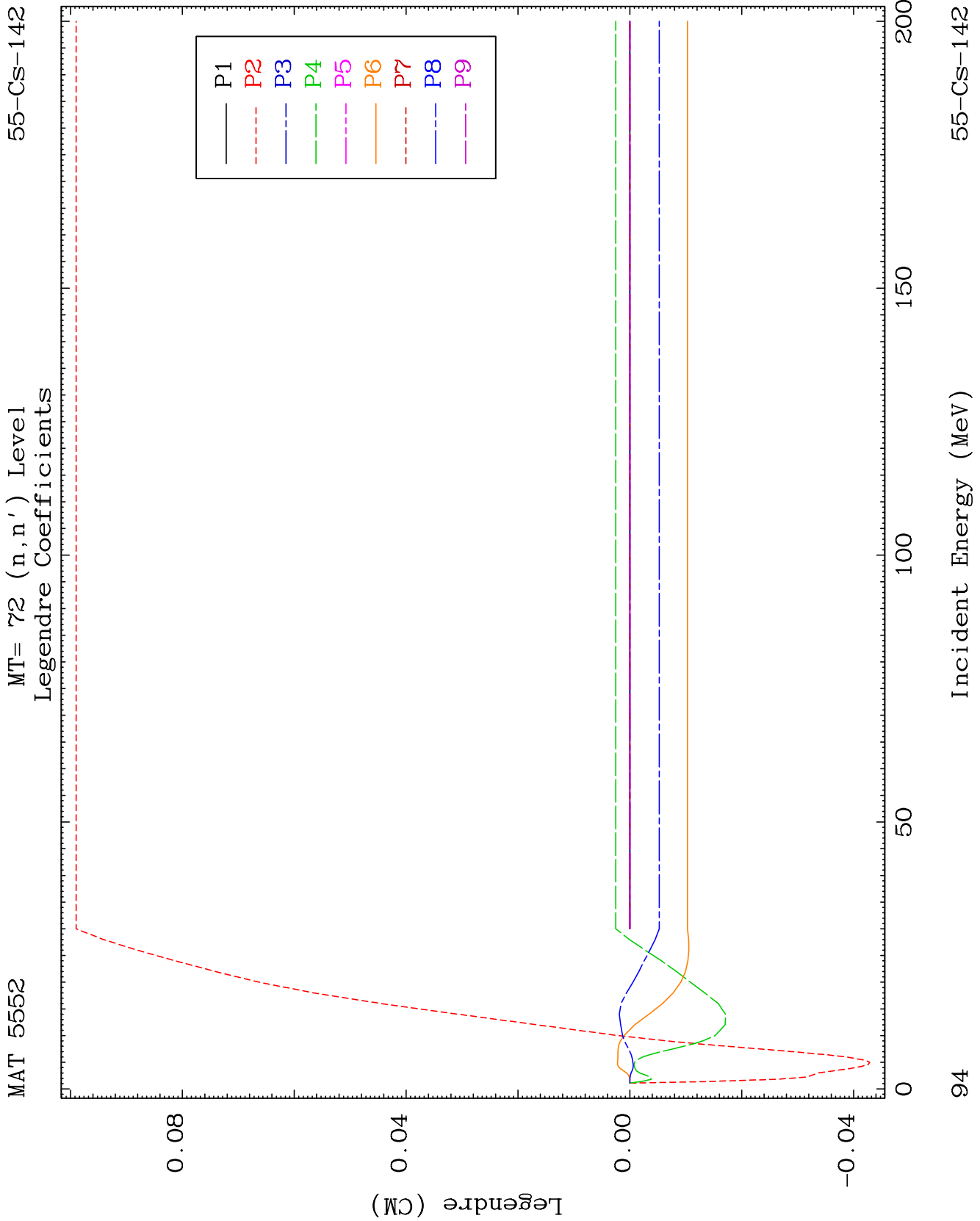








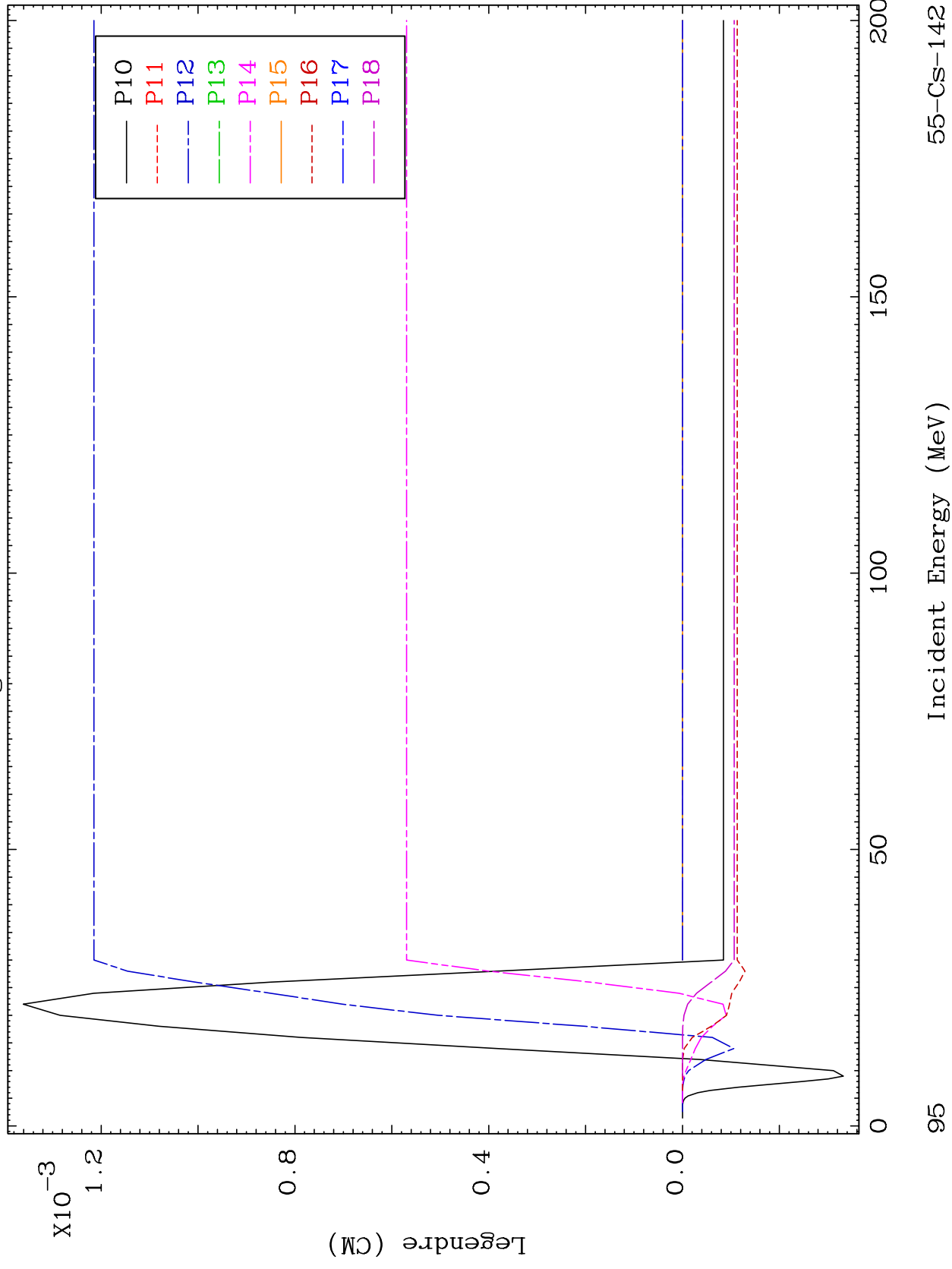


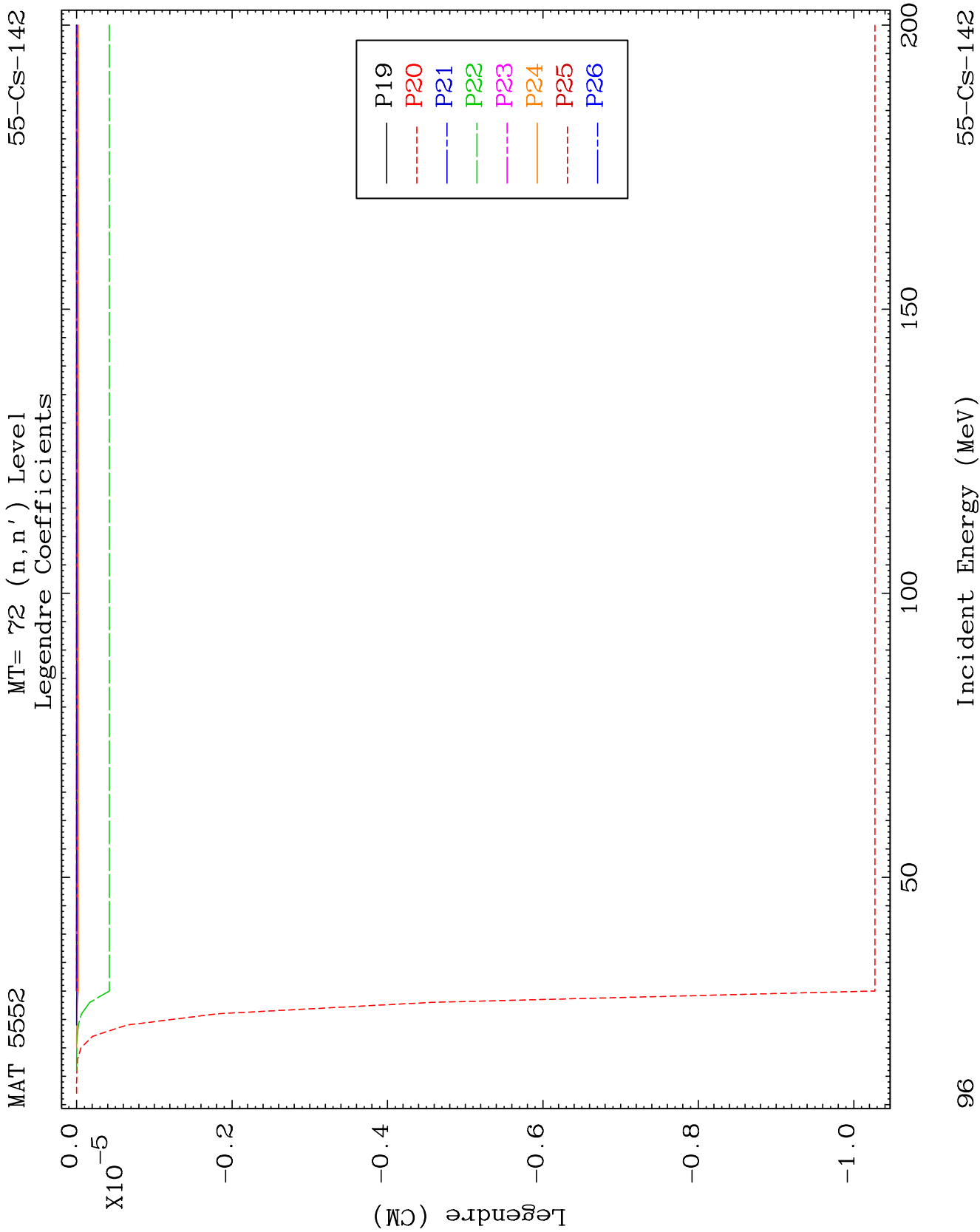


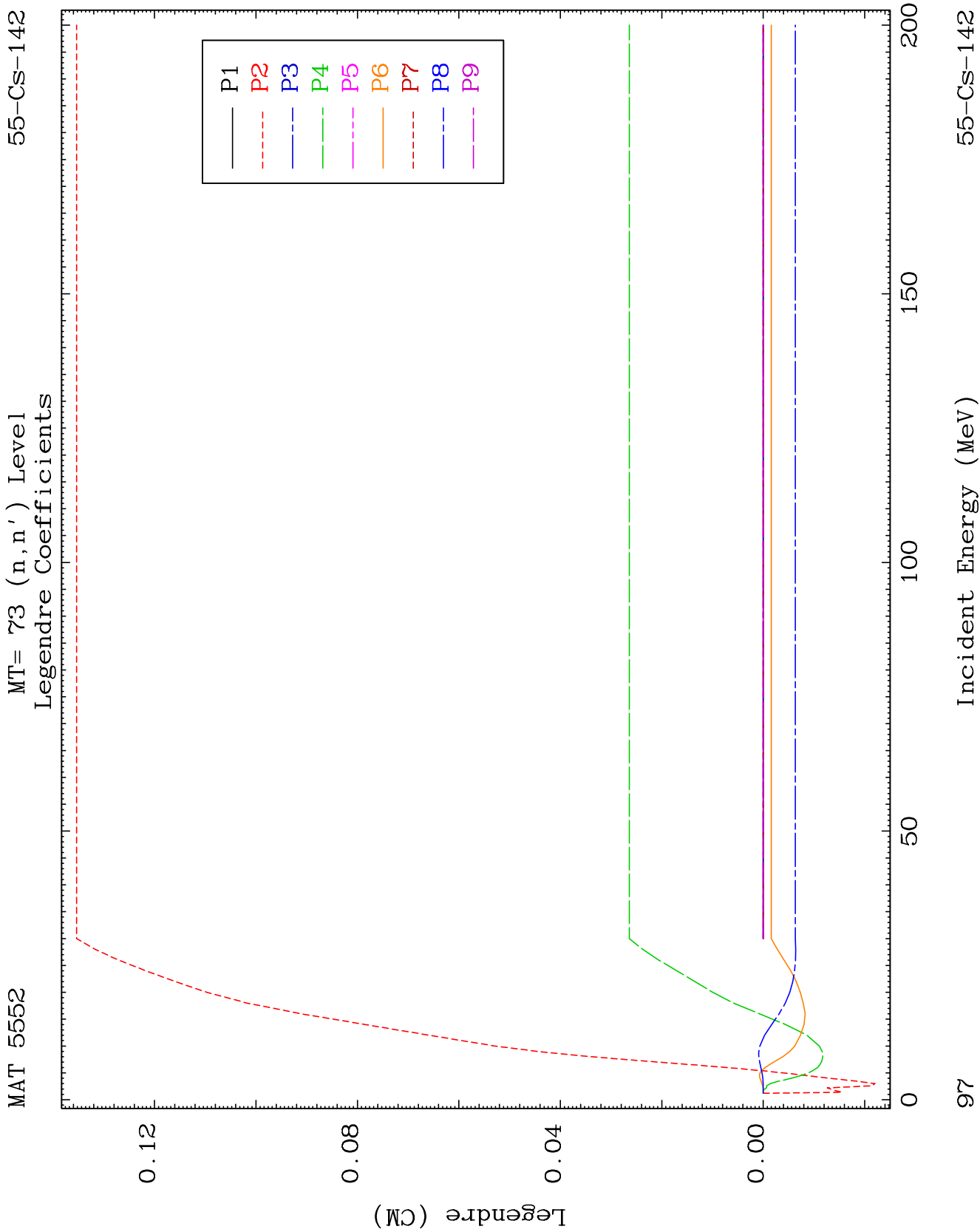
MAT 5552

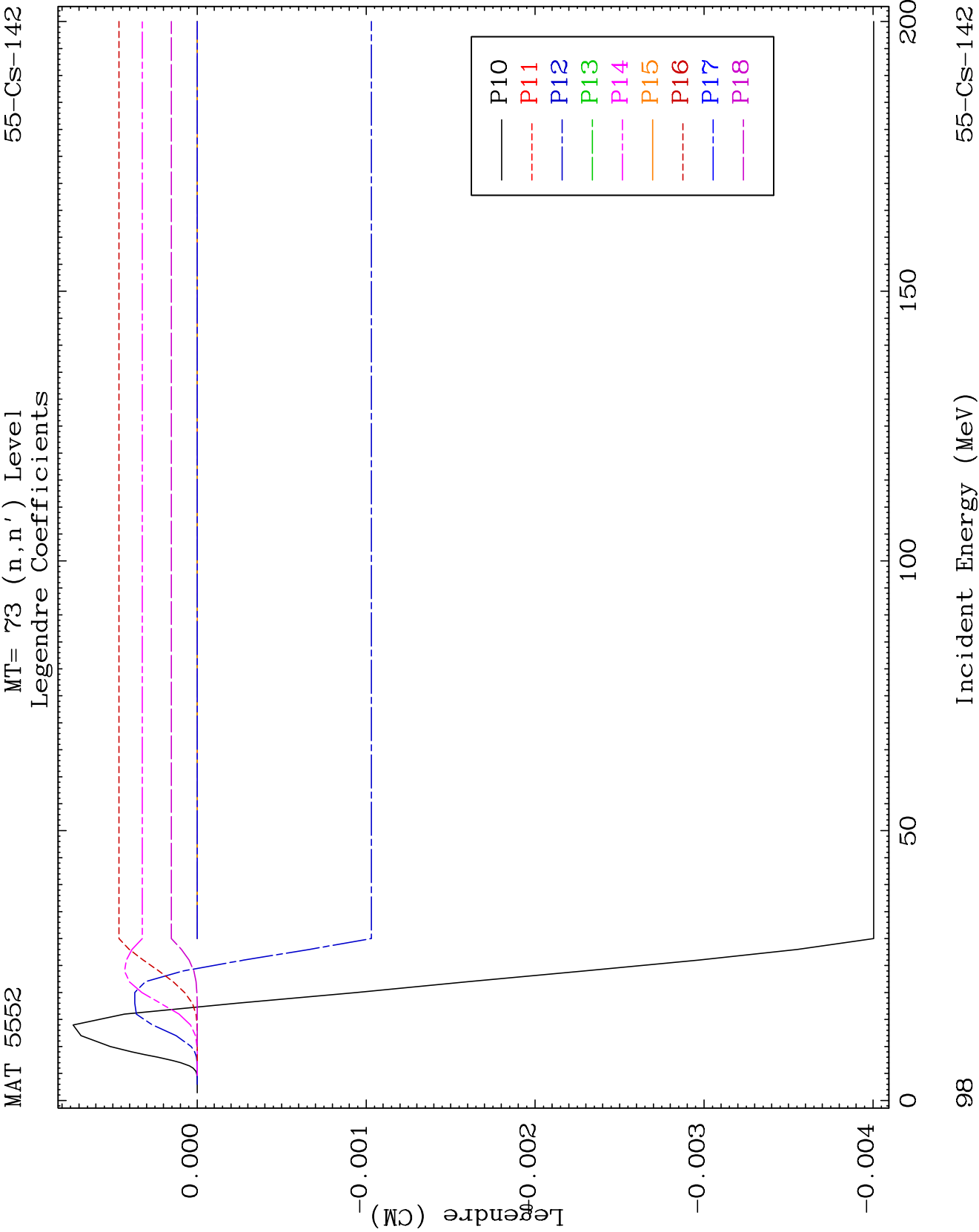
MT= 72 (n, n') Level
Legendre Coefficients

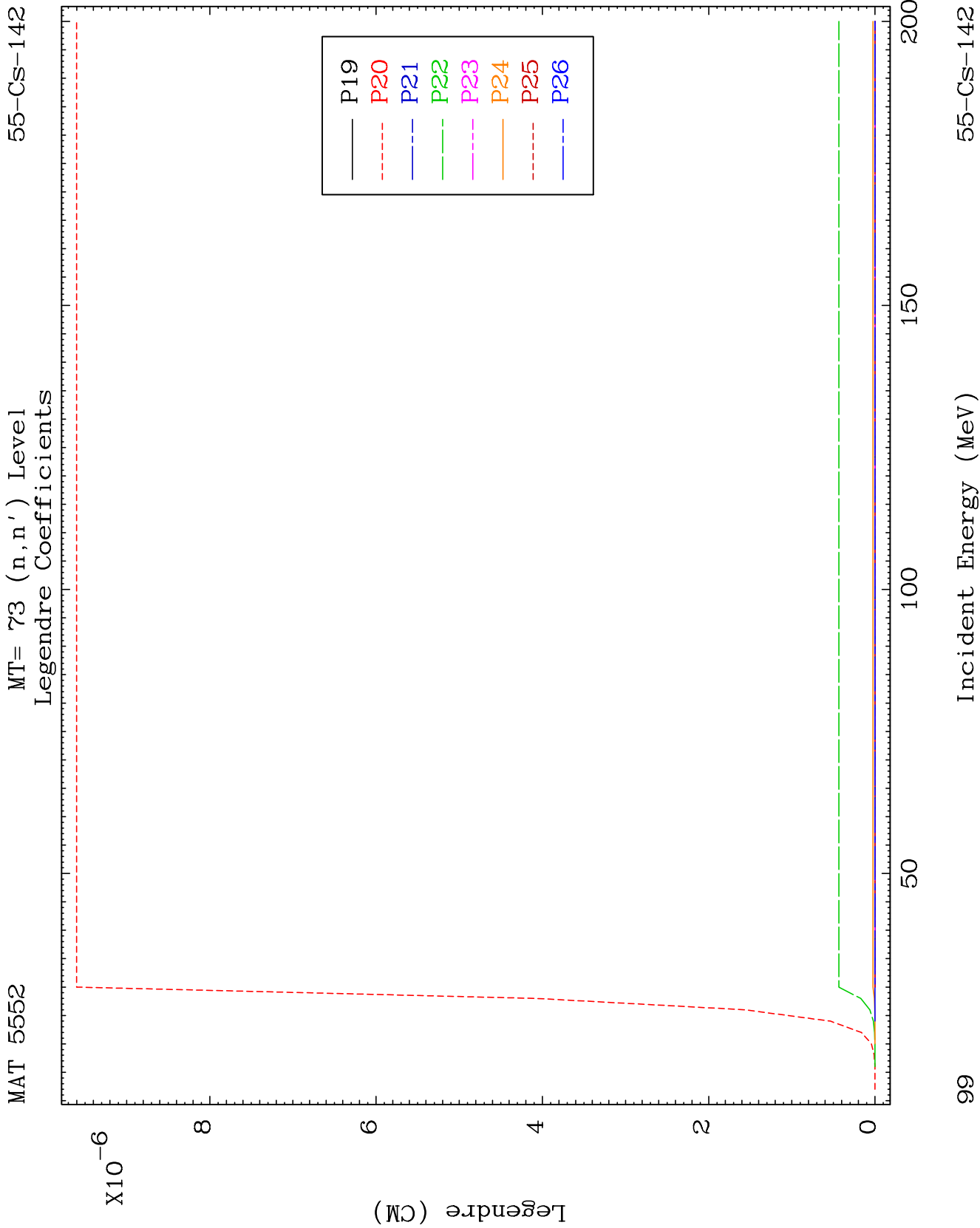
55-CS-142

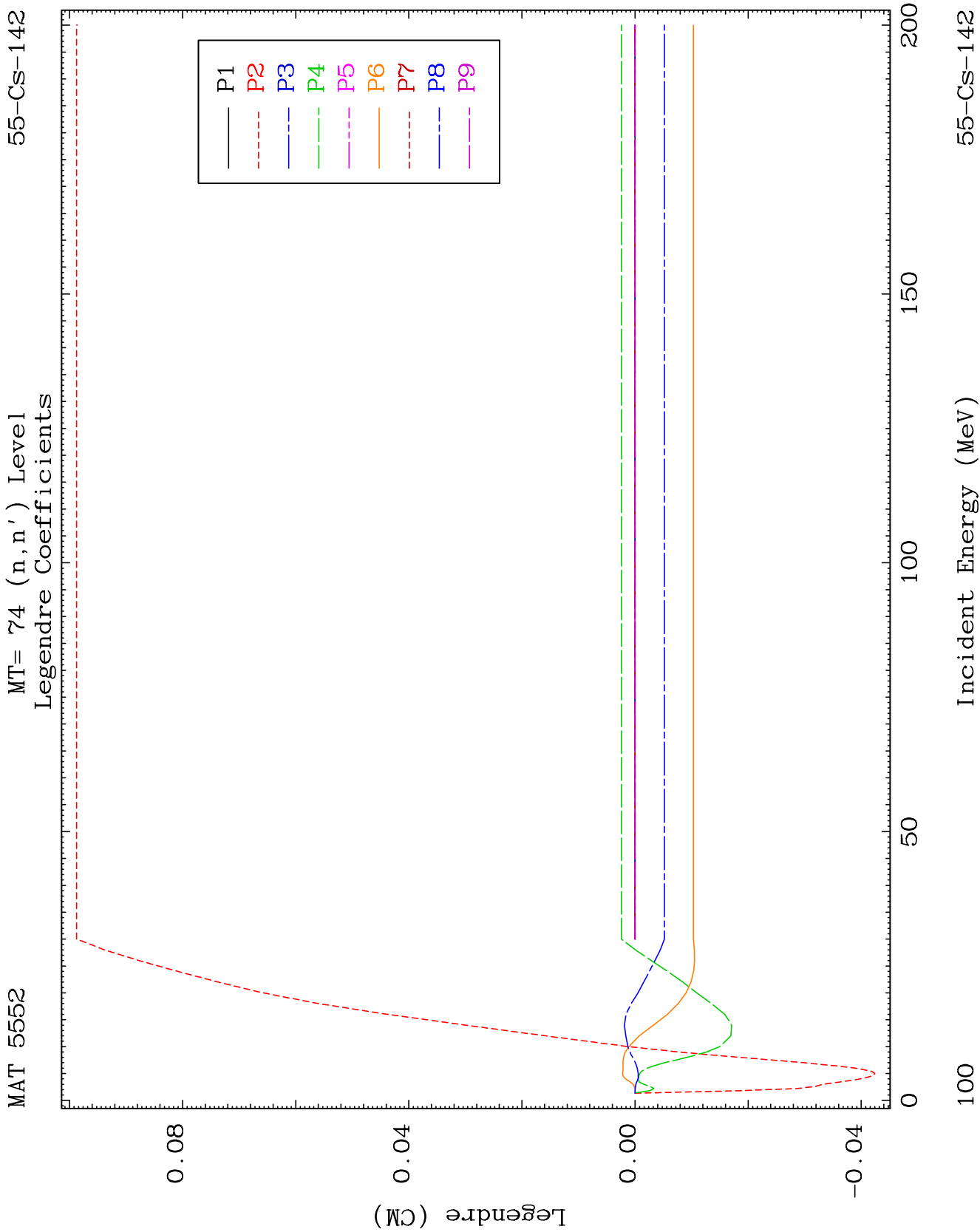








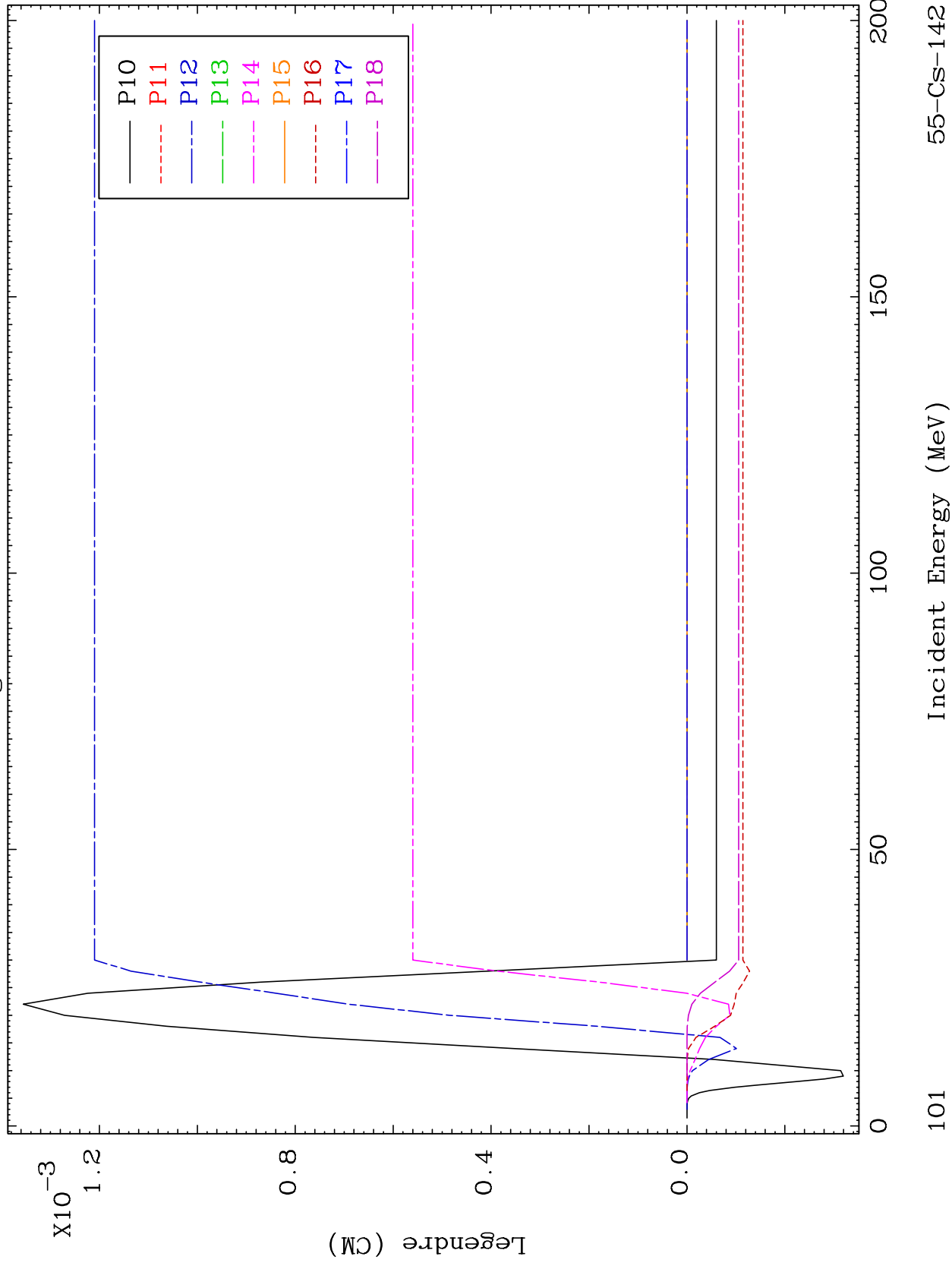


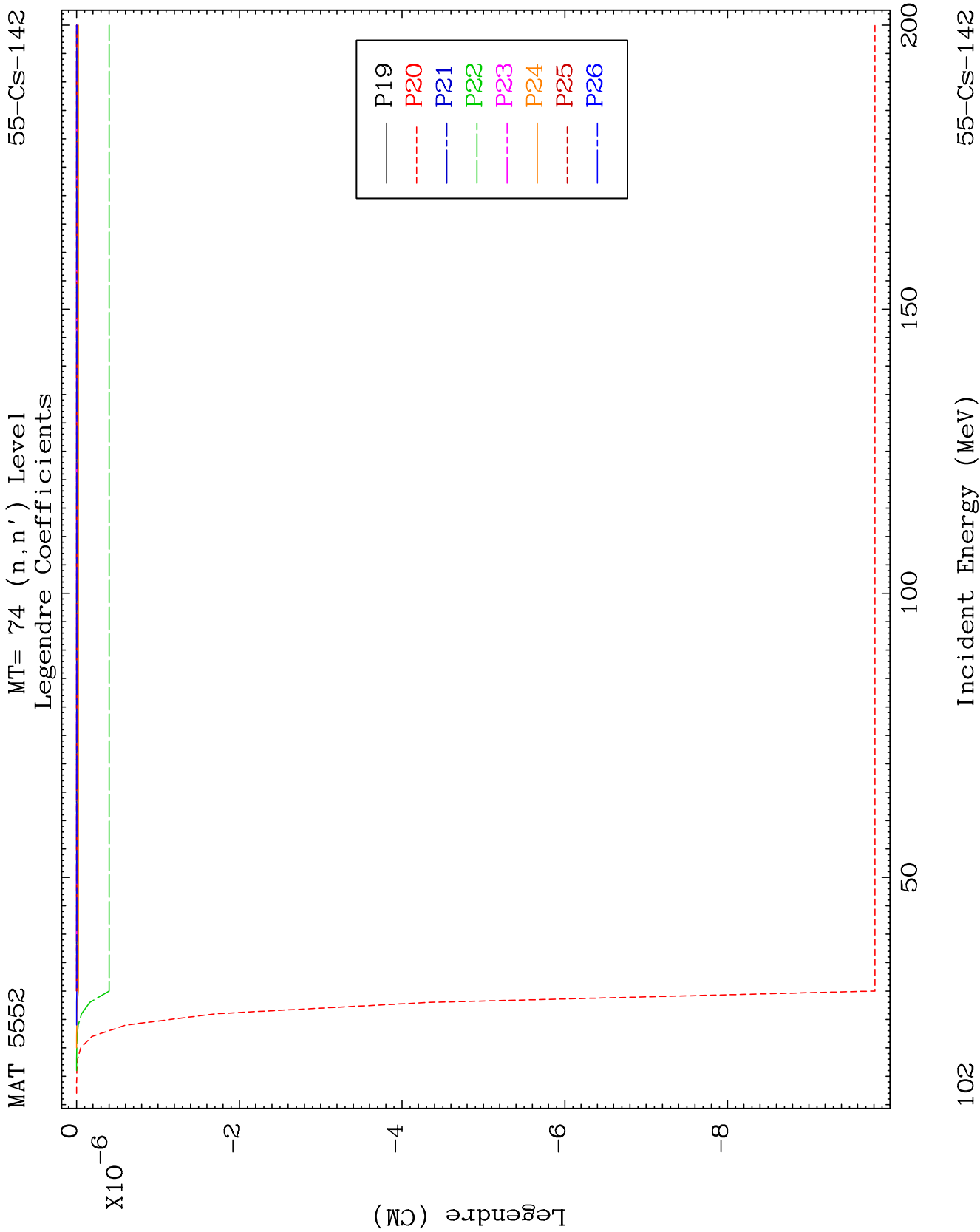


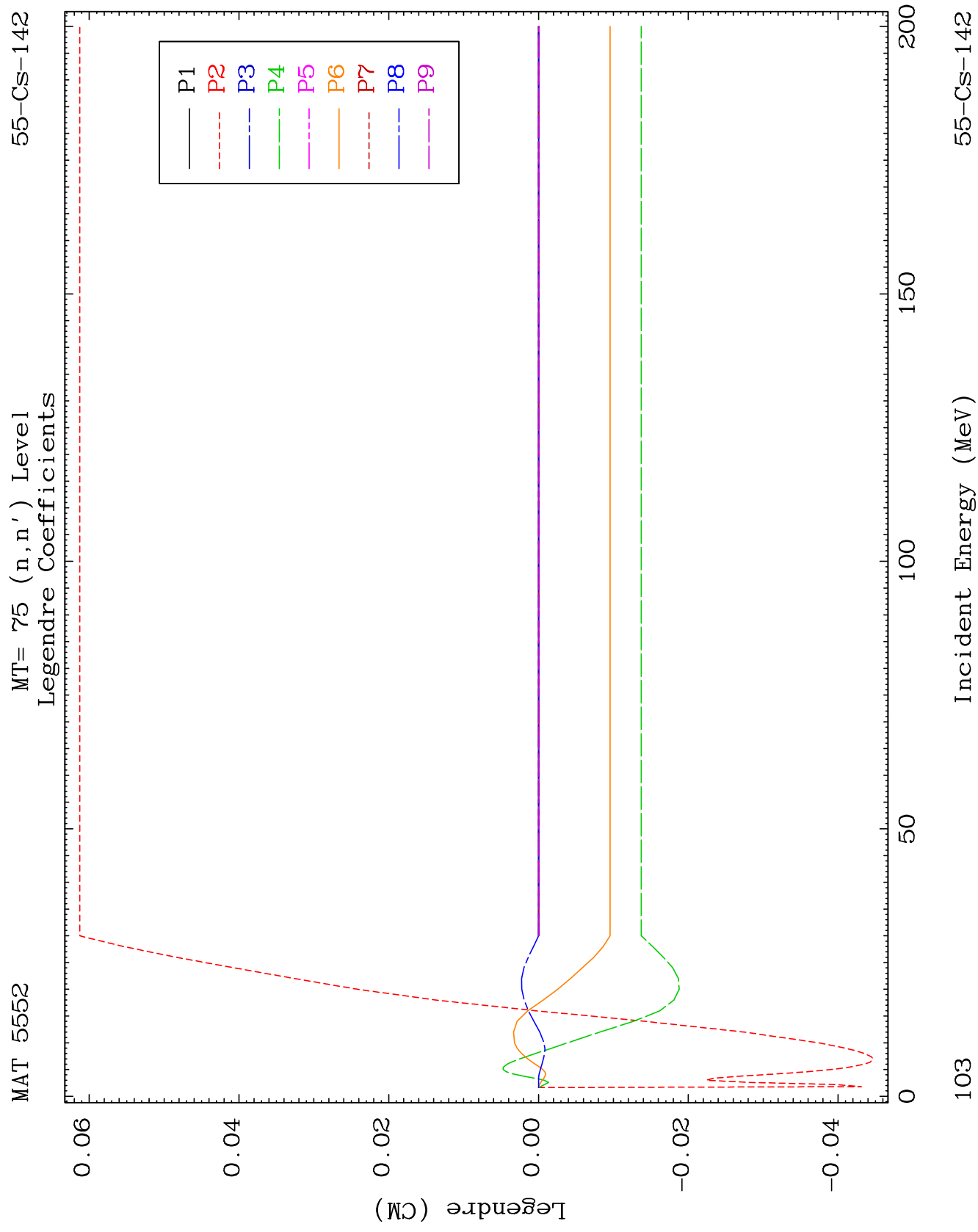
MAT 5552

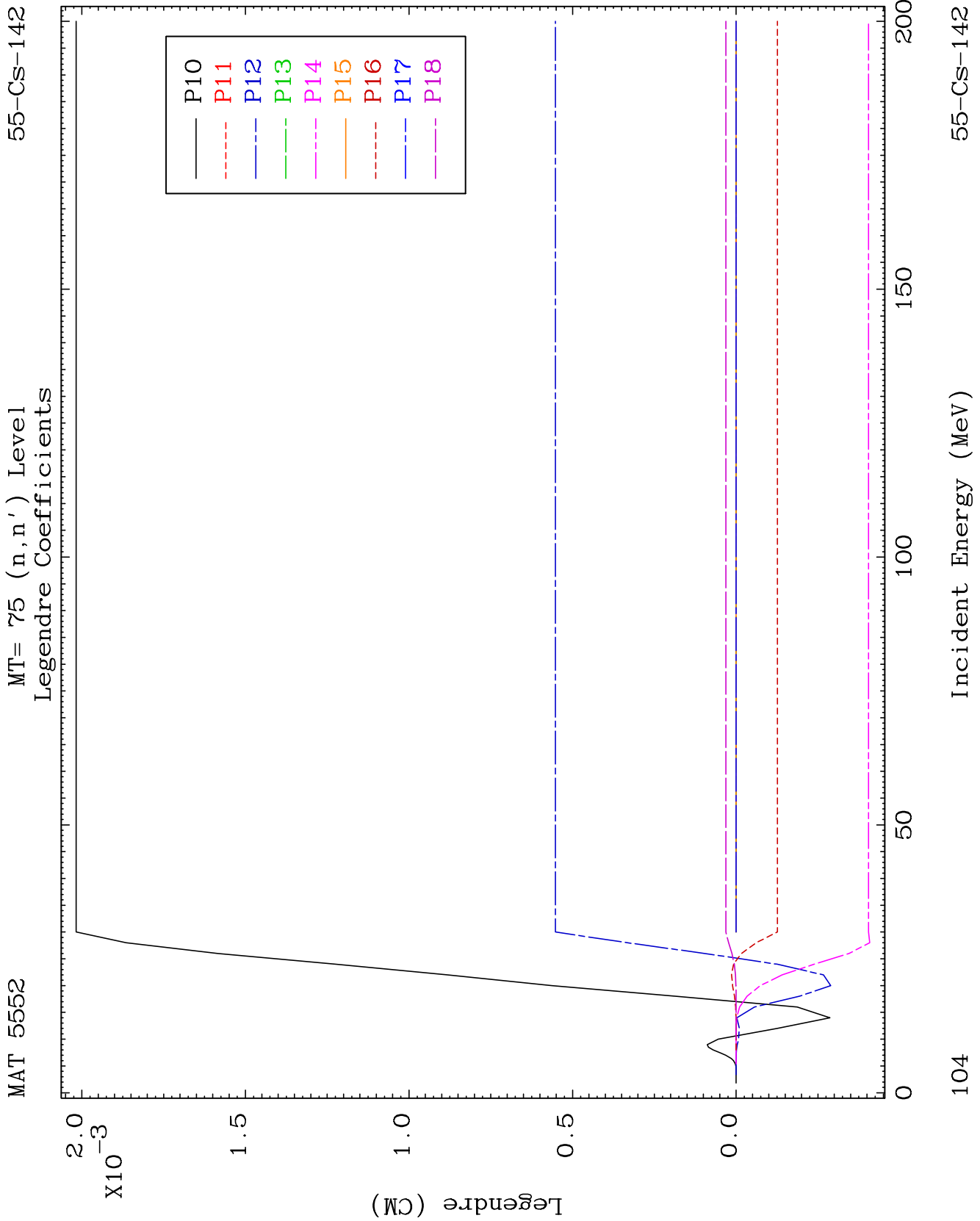
MT= 74 (n, n') Level
Legendre Coefficients

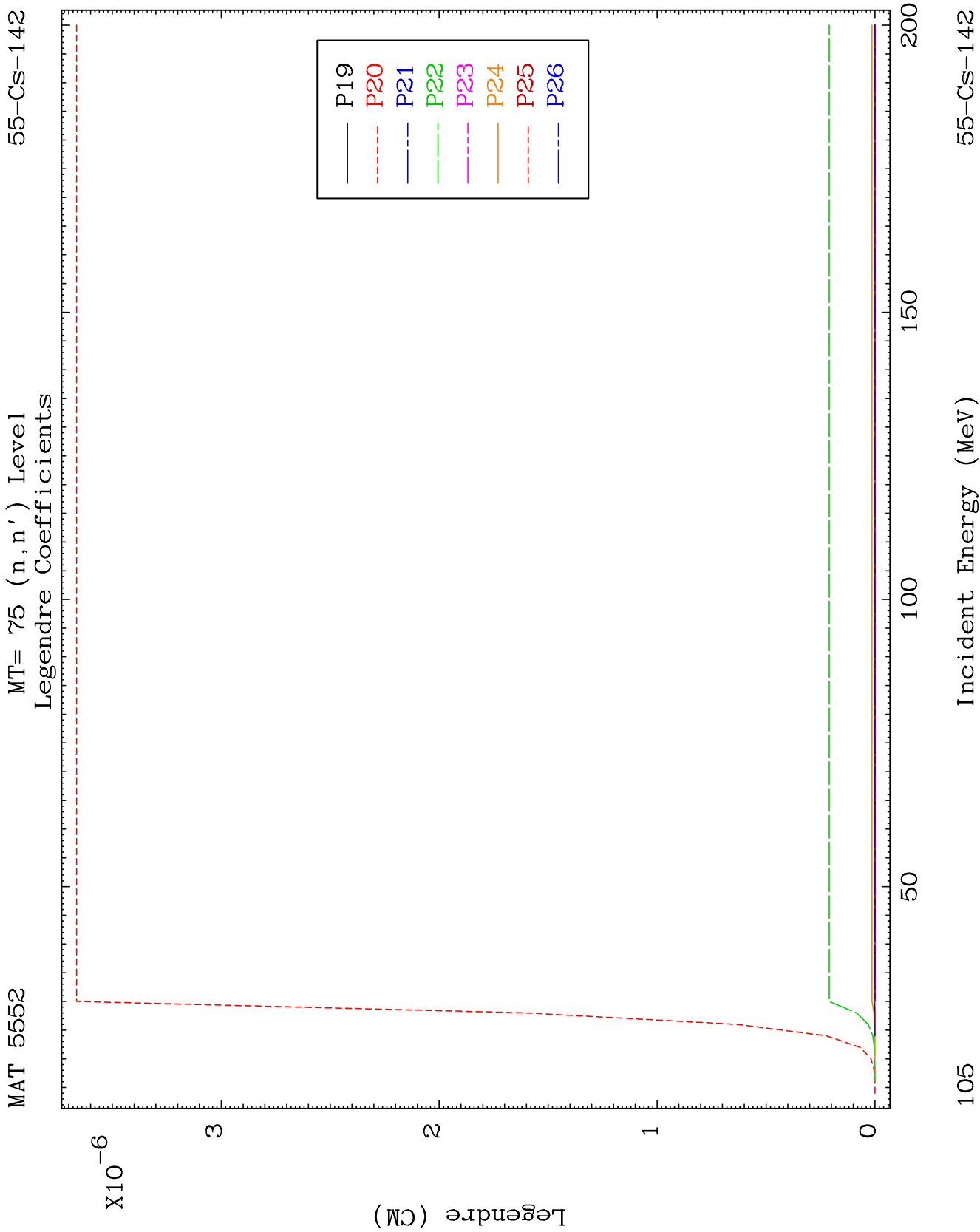
55-CS-142







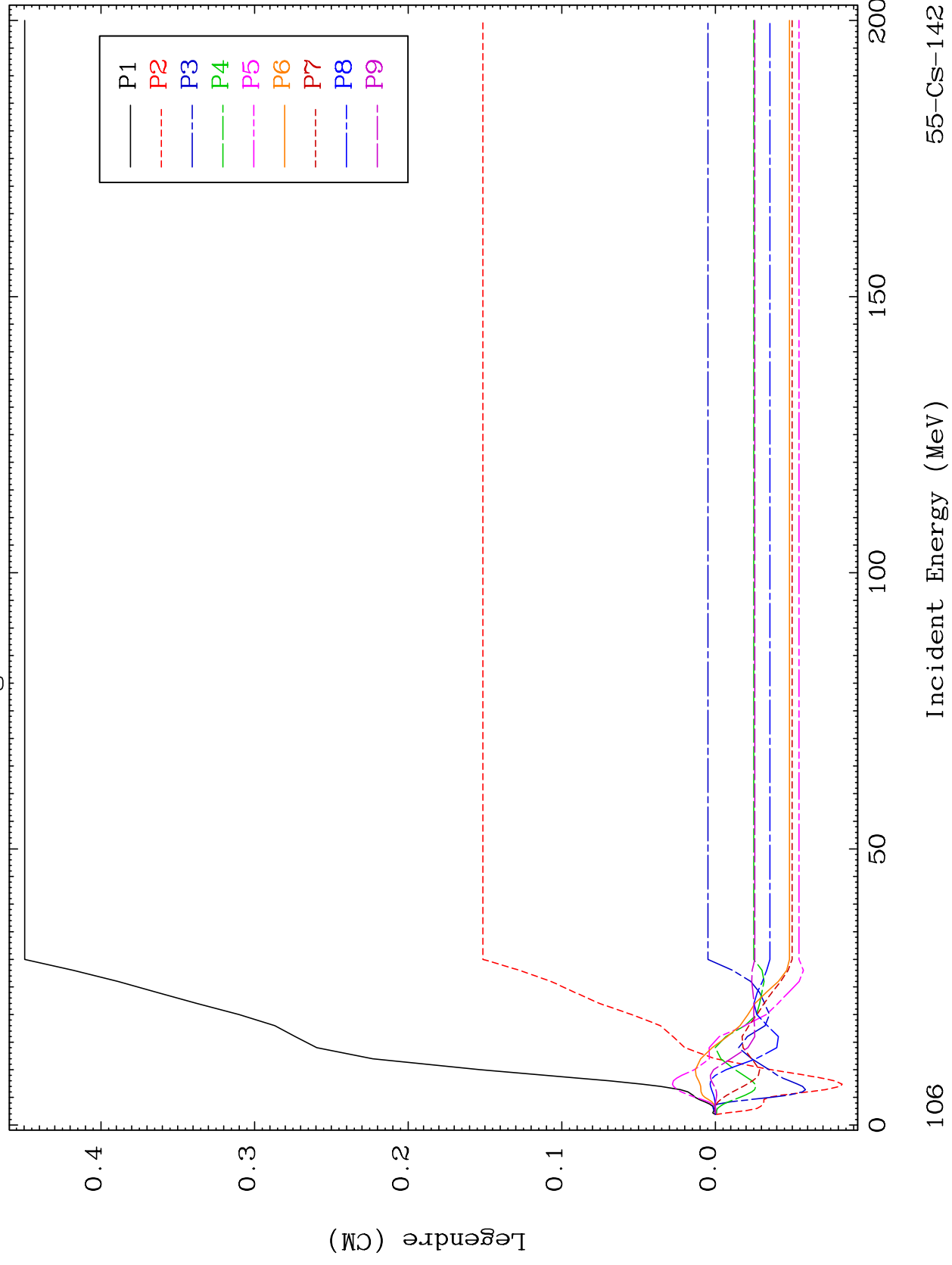


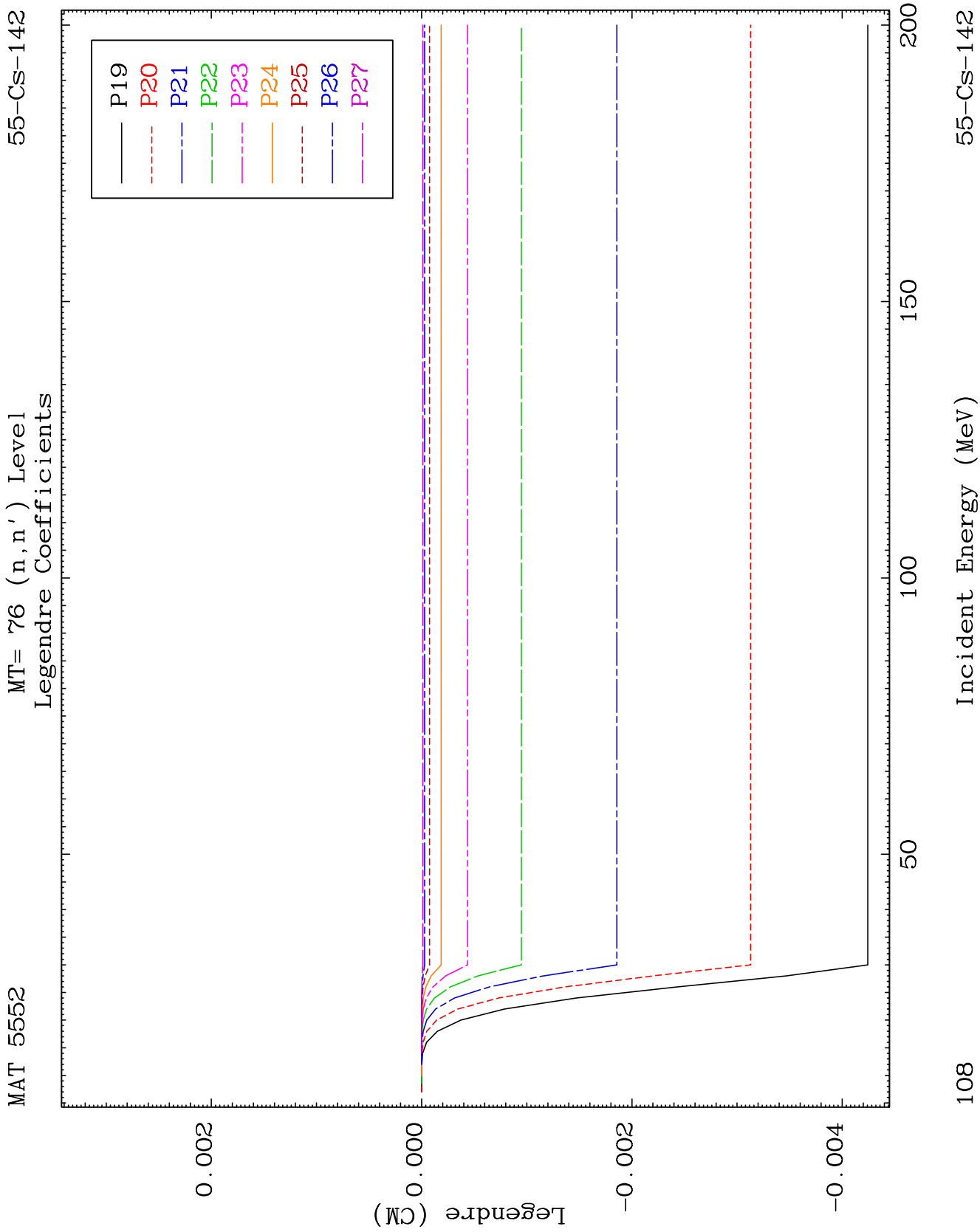


MAT 5552

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

55-CS-142



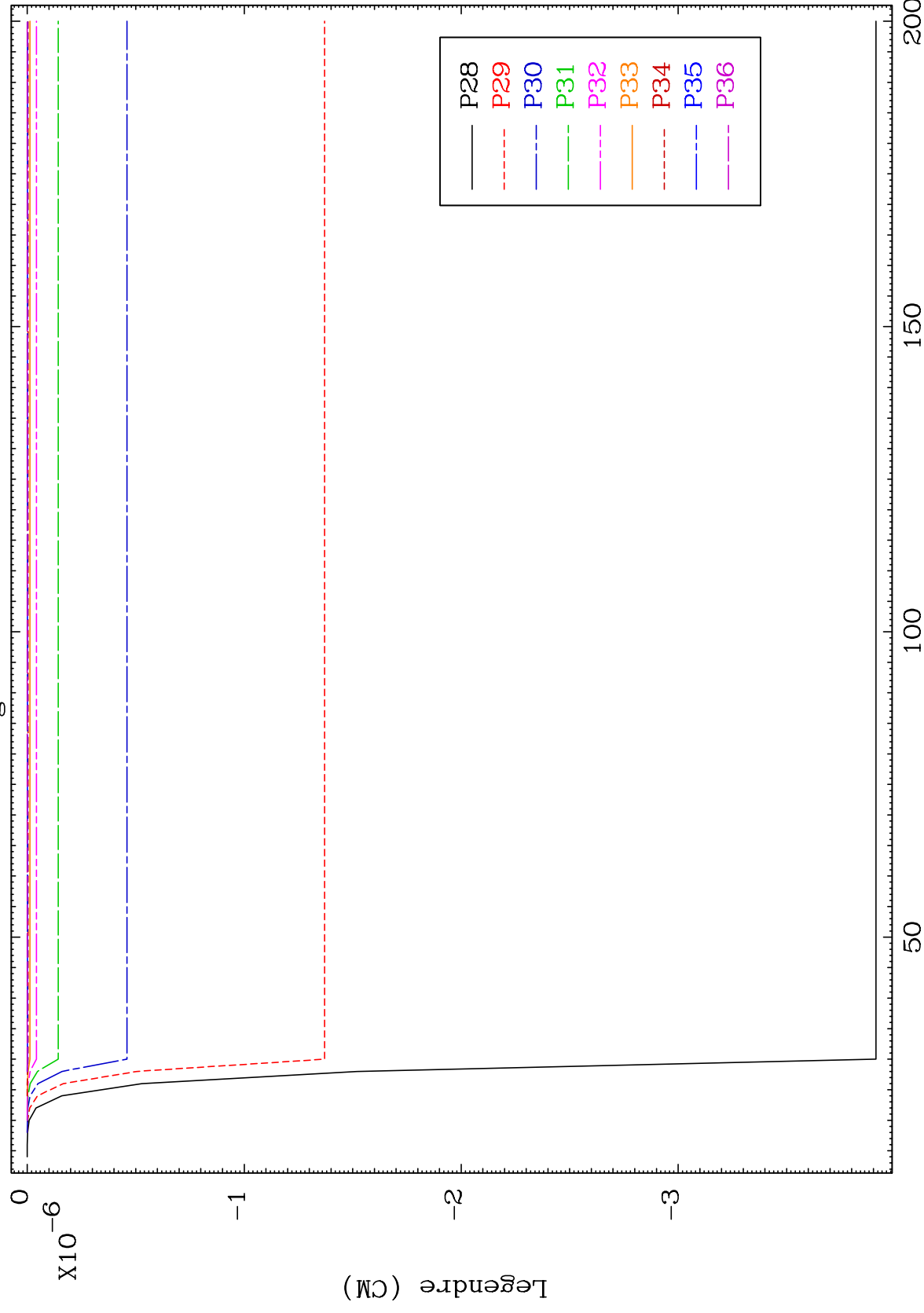


MAT 5552

MT=76 (n,n') Level

55-CS-142

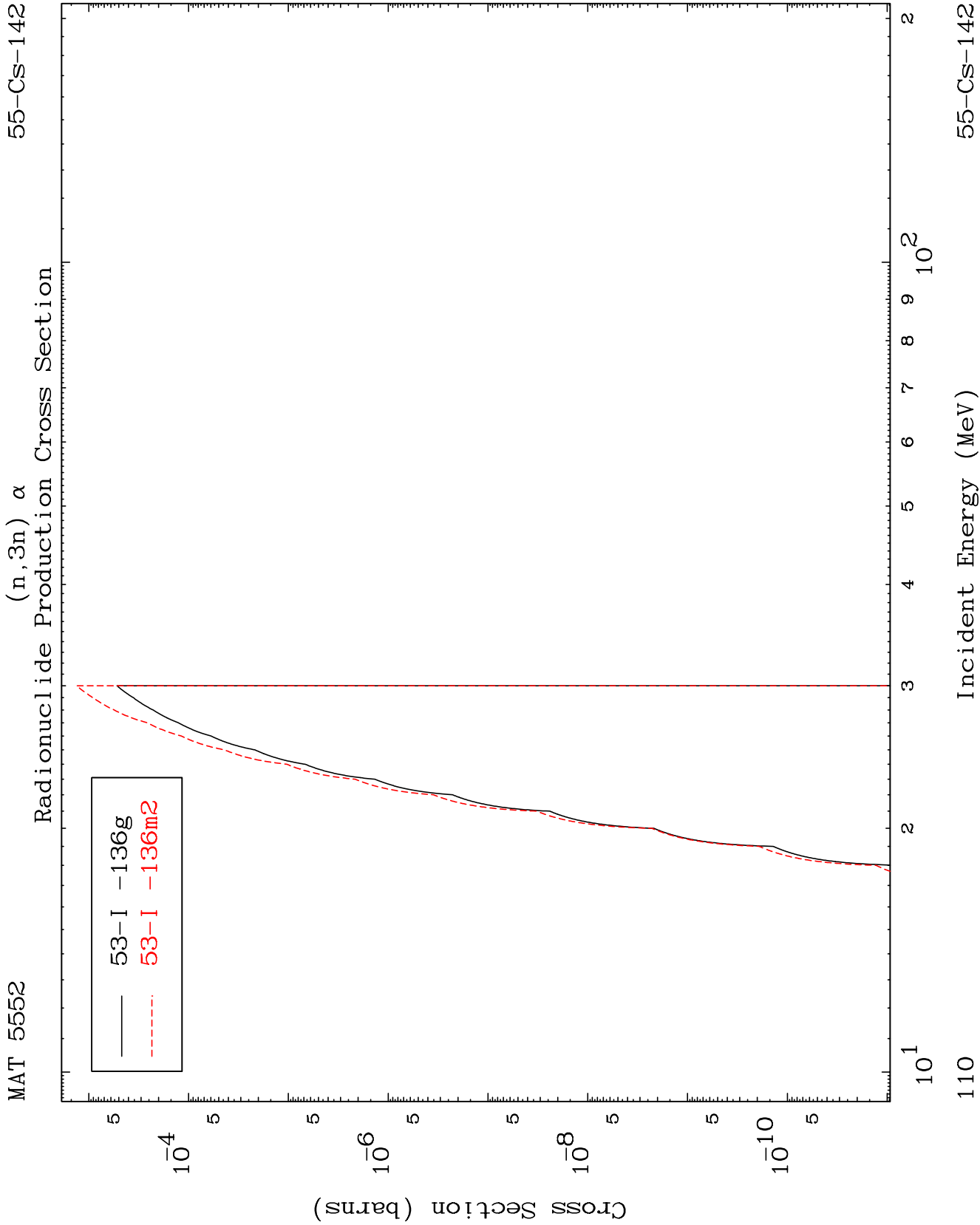
Legendre Coefficients



109

Incident Energy (MeV)

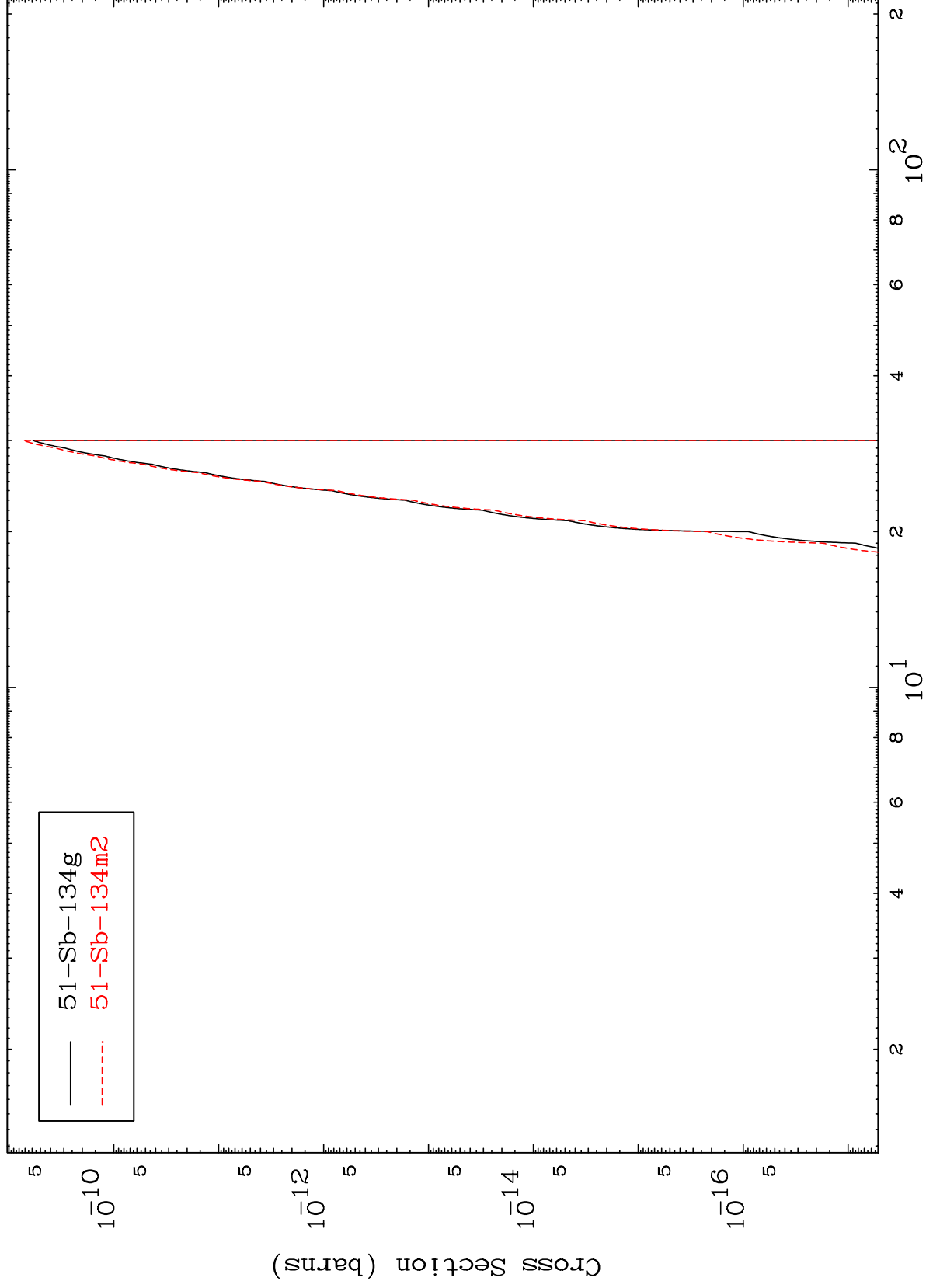
55-CS-142



MAT 5552

55-Cs-142

(n,n') 2 α
Radionuclide Production Cross Section



111

Incident Energy (MeV)

55-Cs-142