

Program EVALPLOT
(Version 2021-1)

by

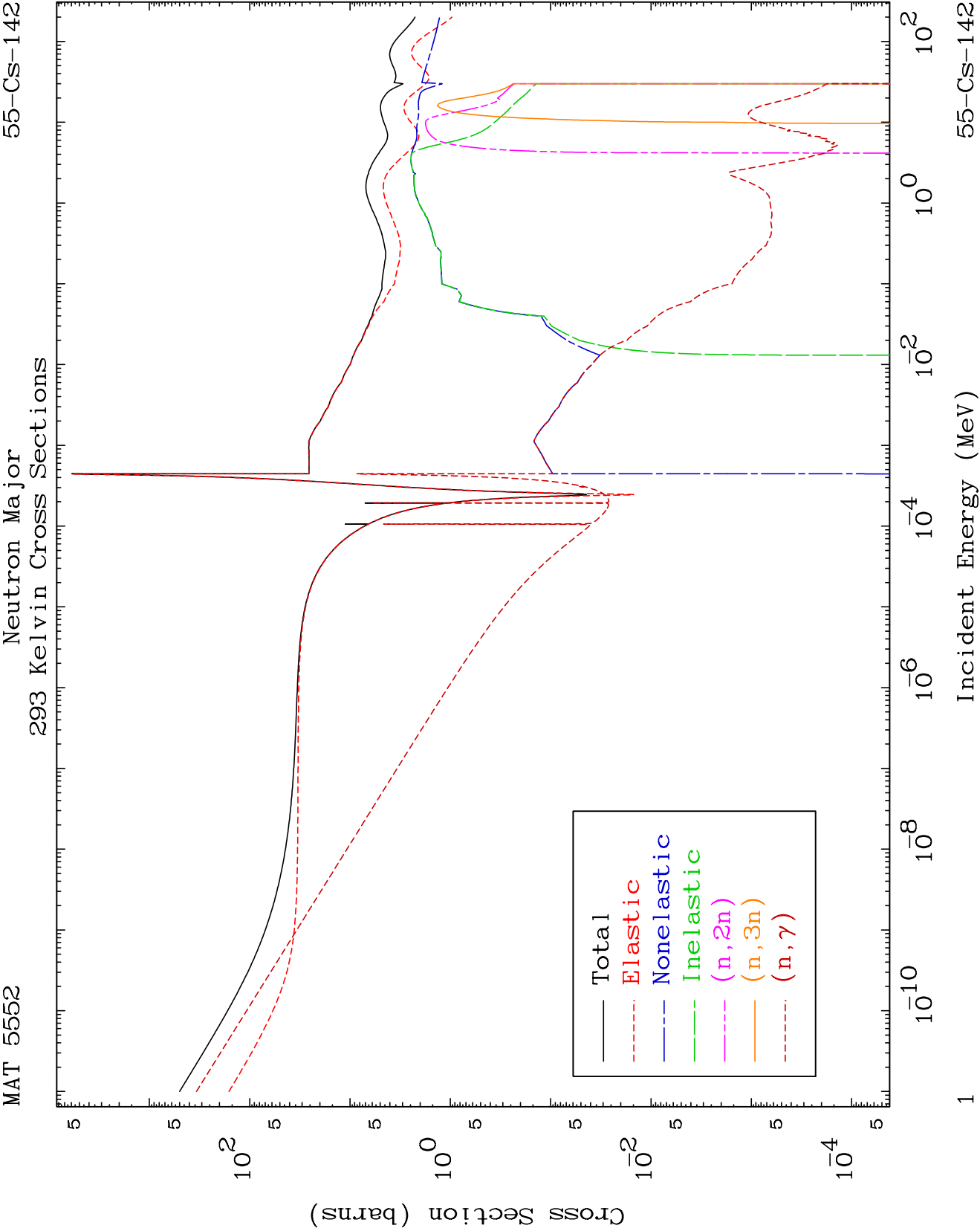
Dermott E. Cullen
(Present Contact Information)

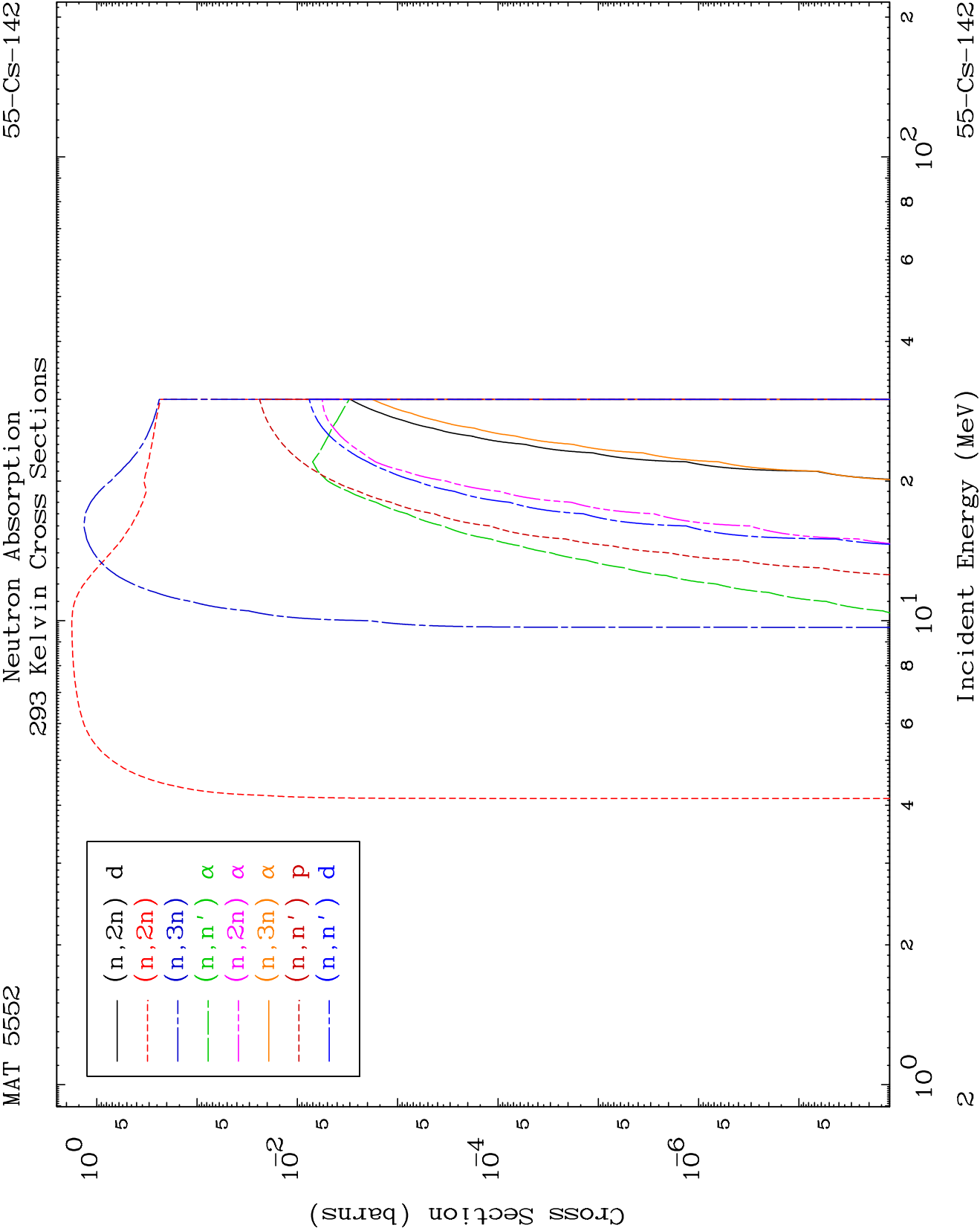
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

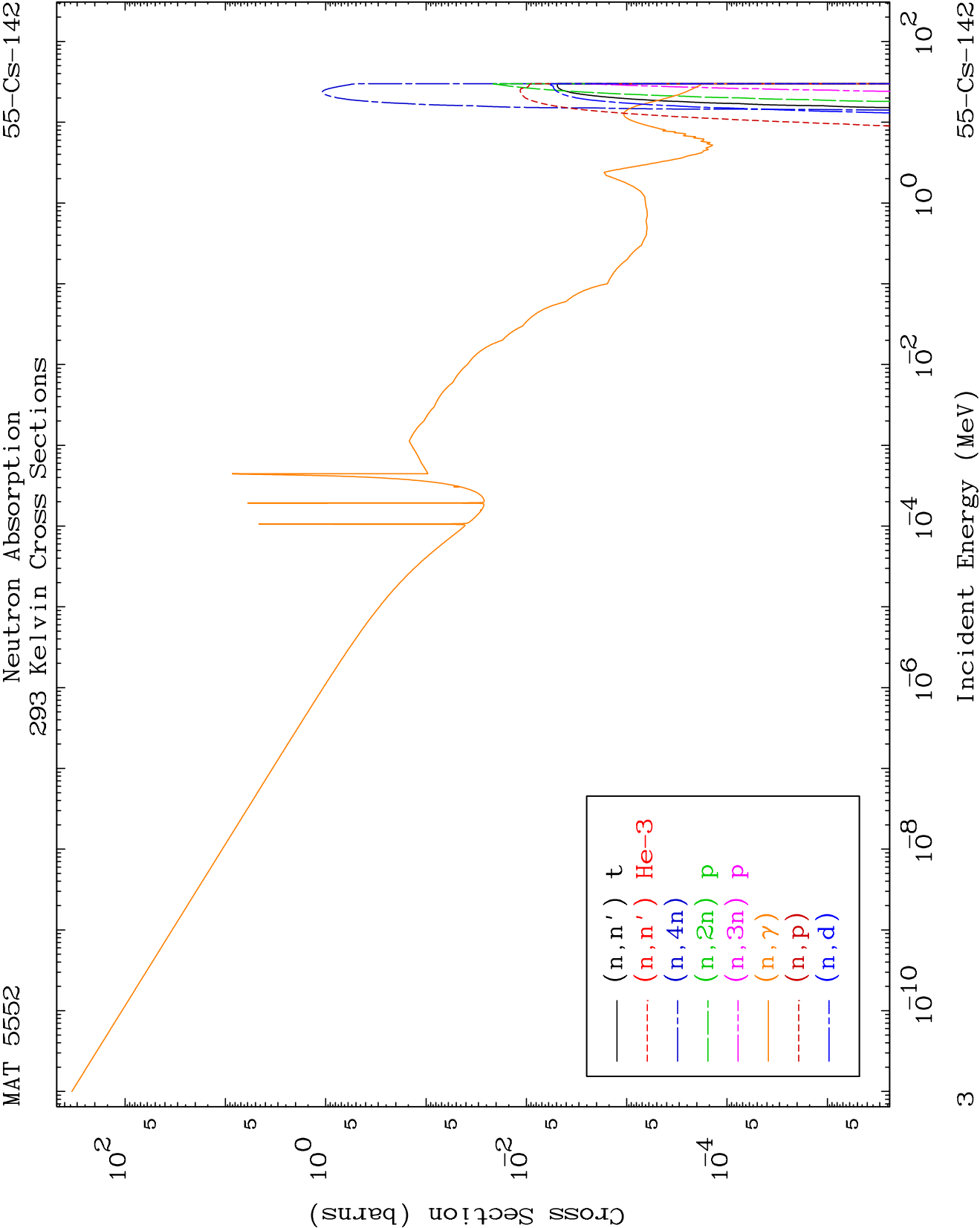
Tele: 925-443-1911

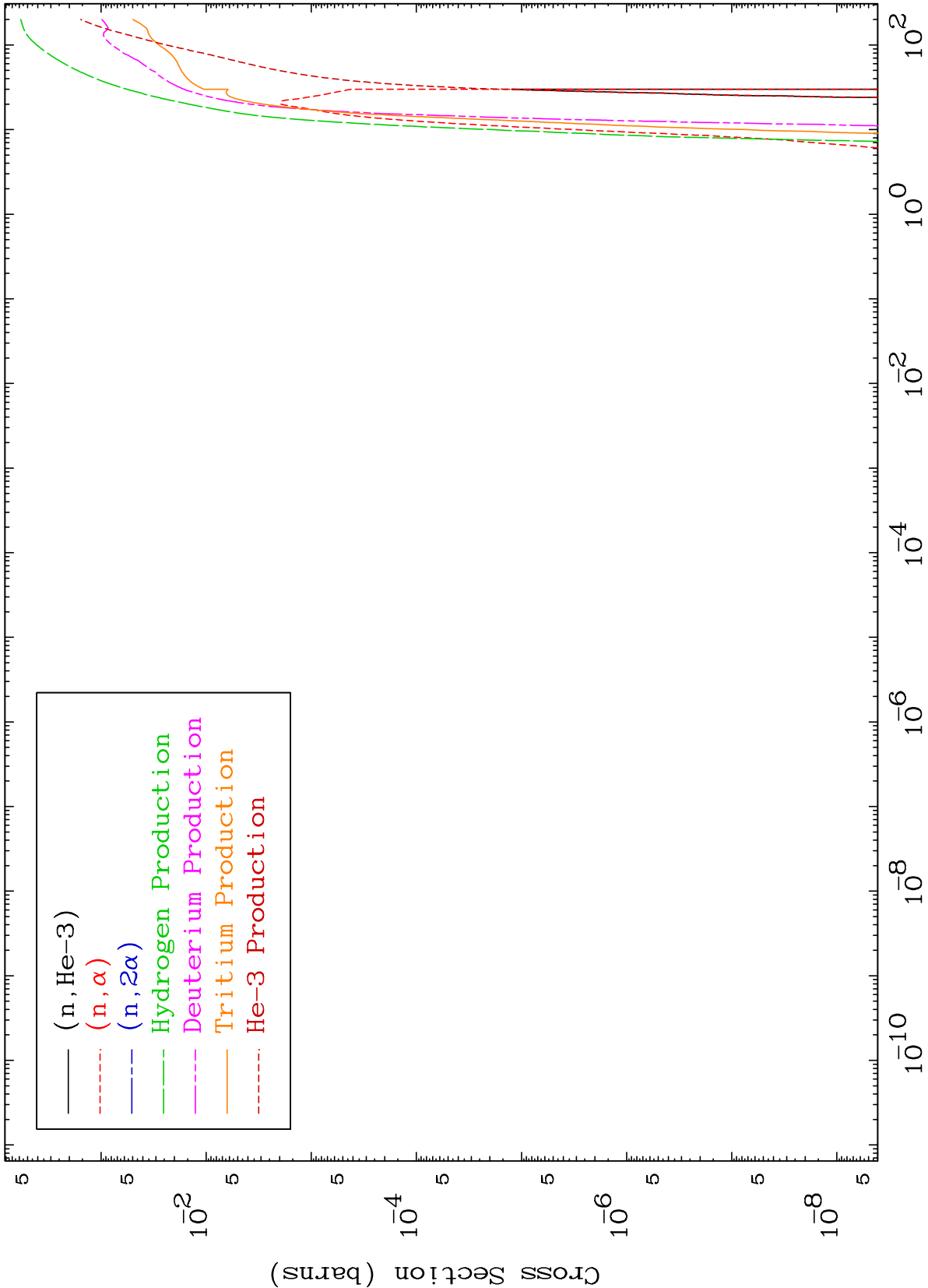
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





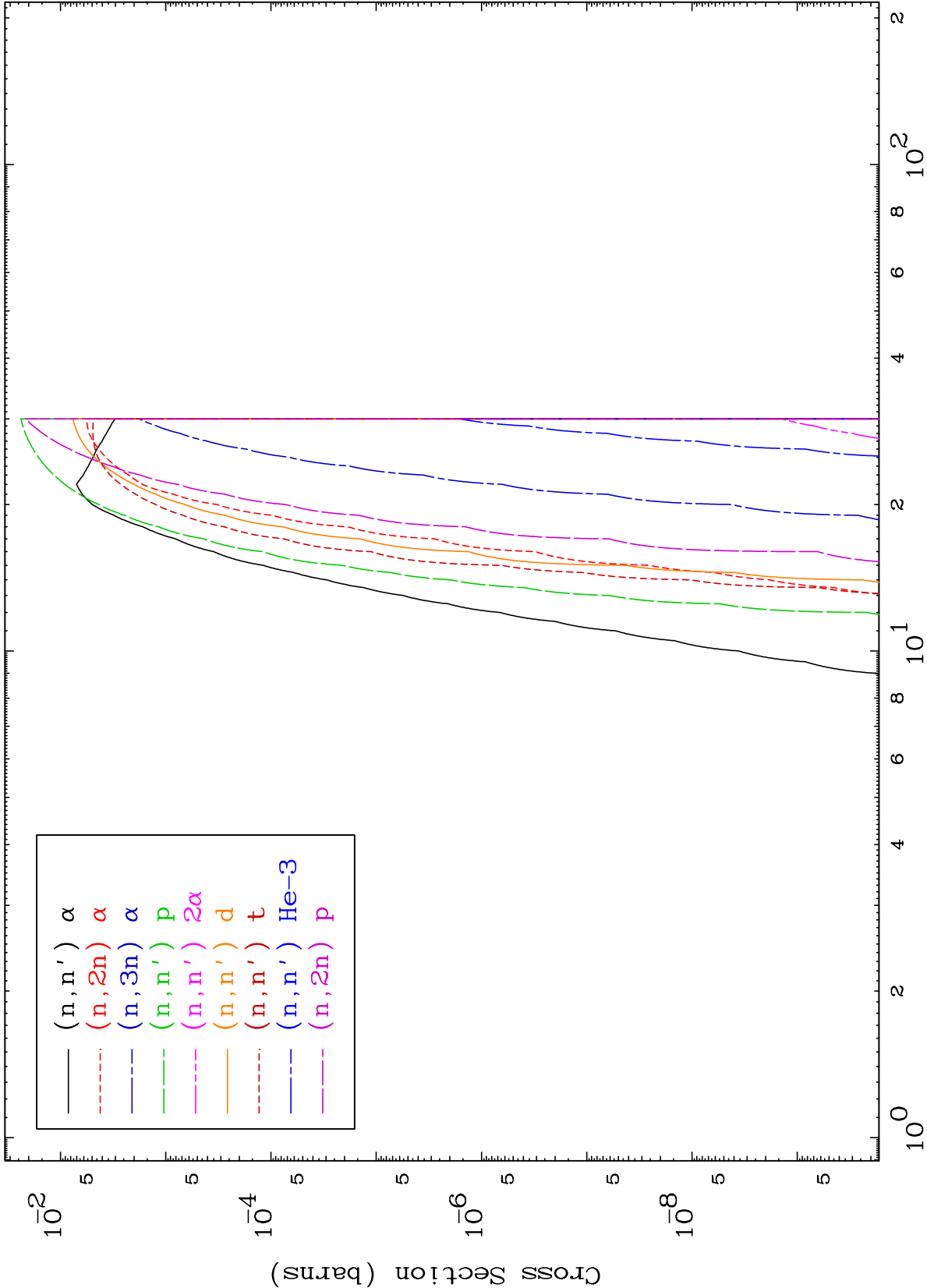




MAT 5552

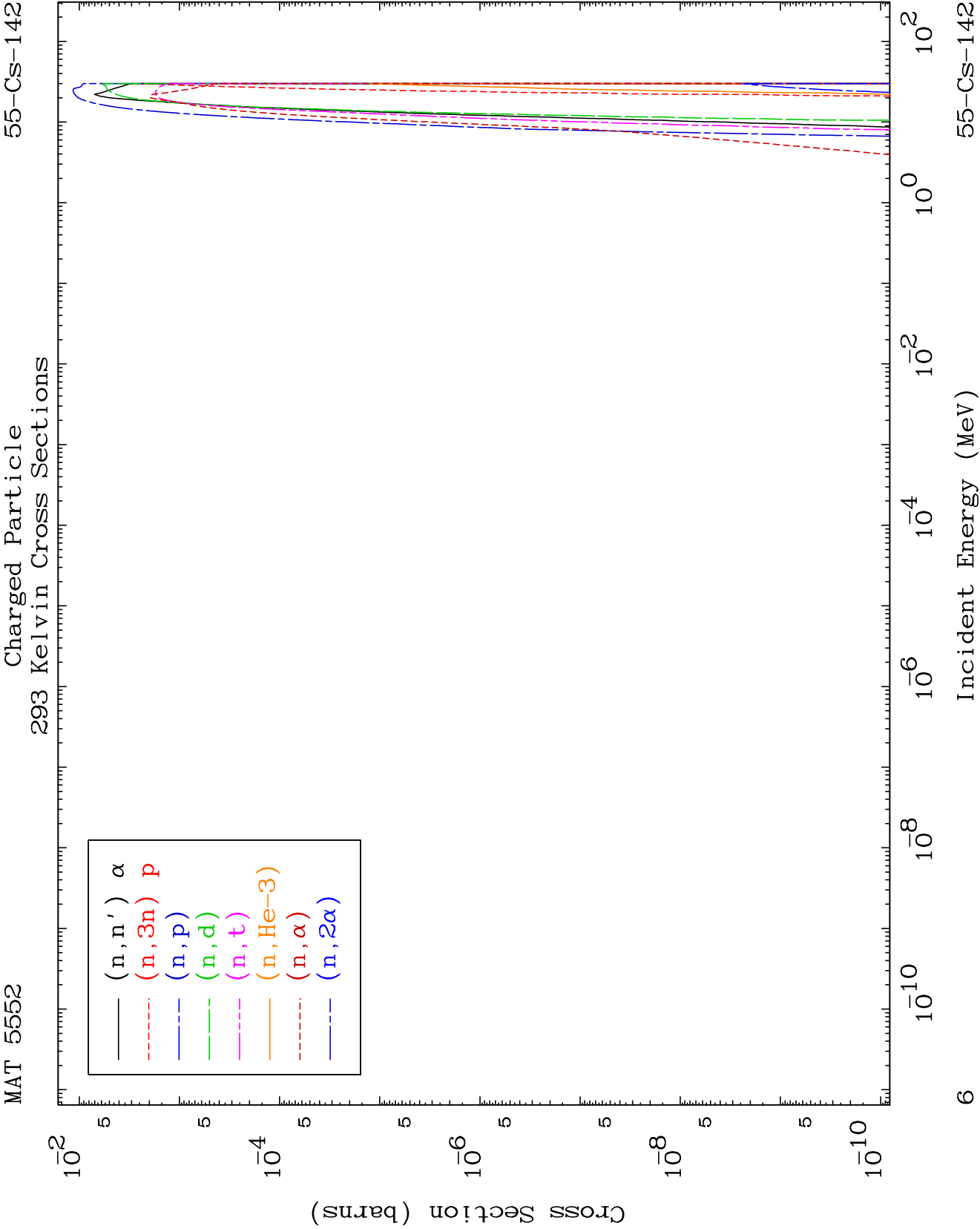
Charged Particle
293 Kelvin Cross Sections

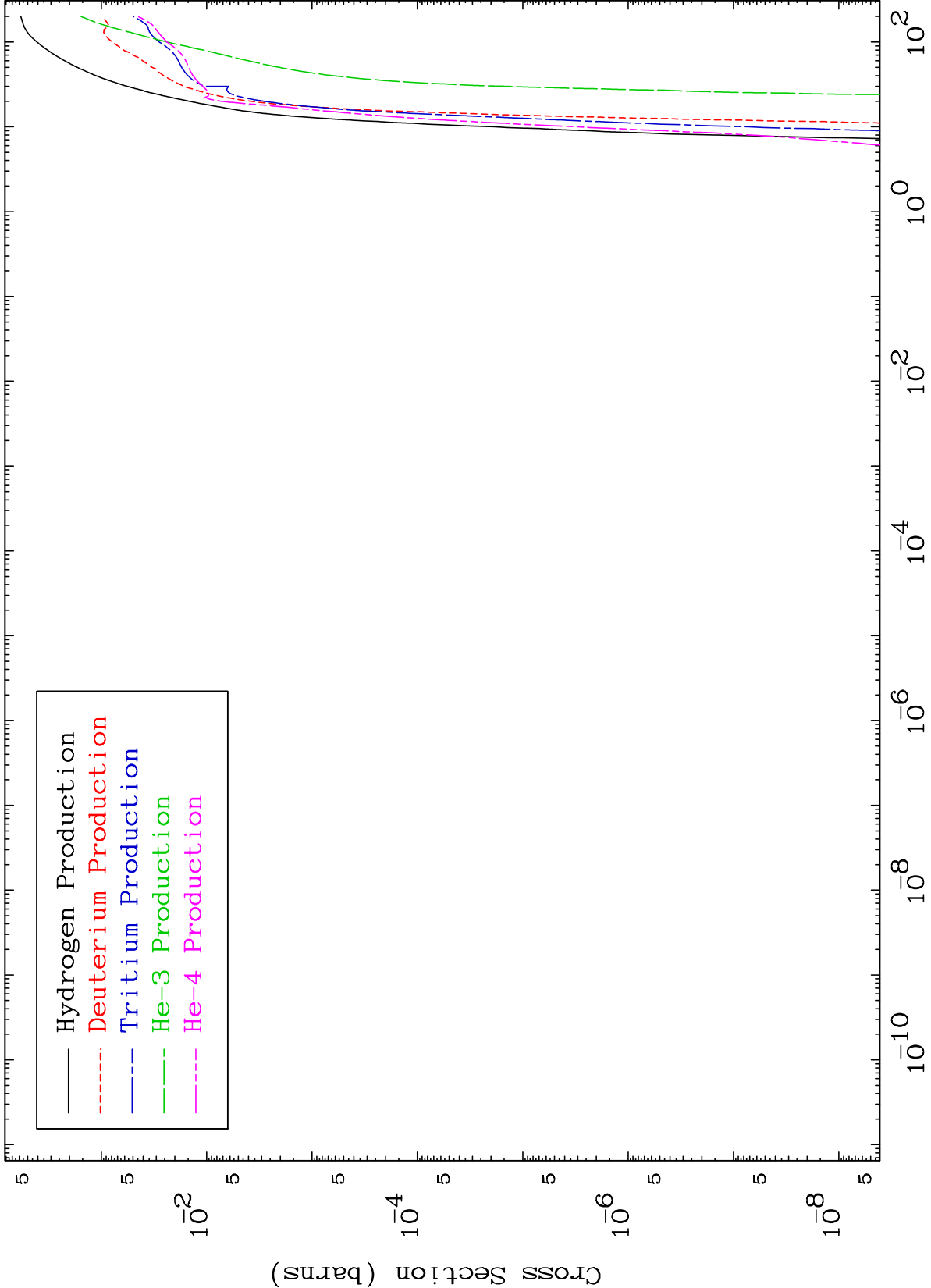
55-Cs-142

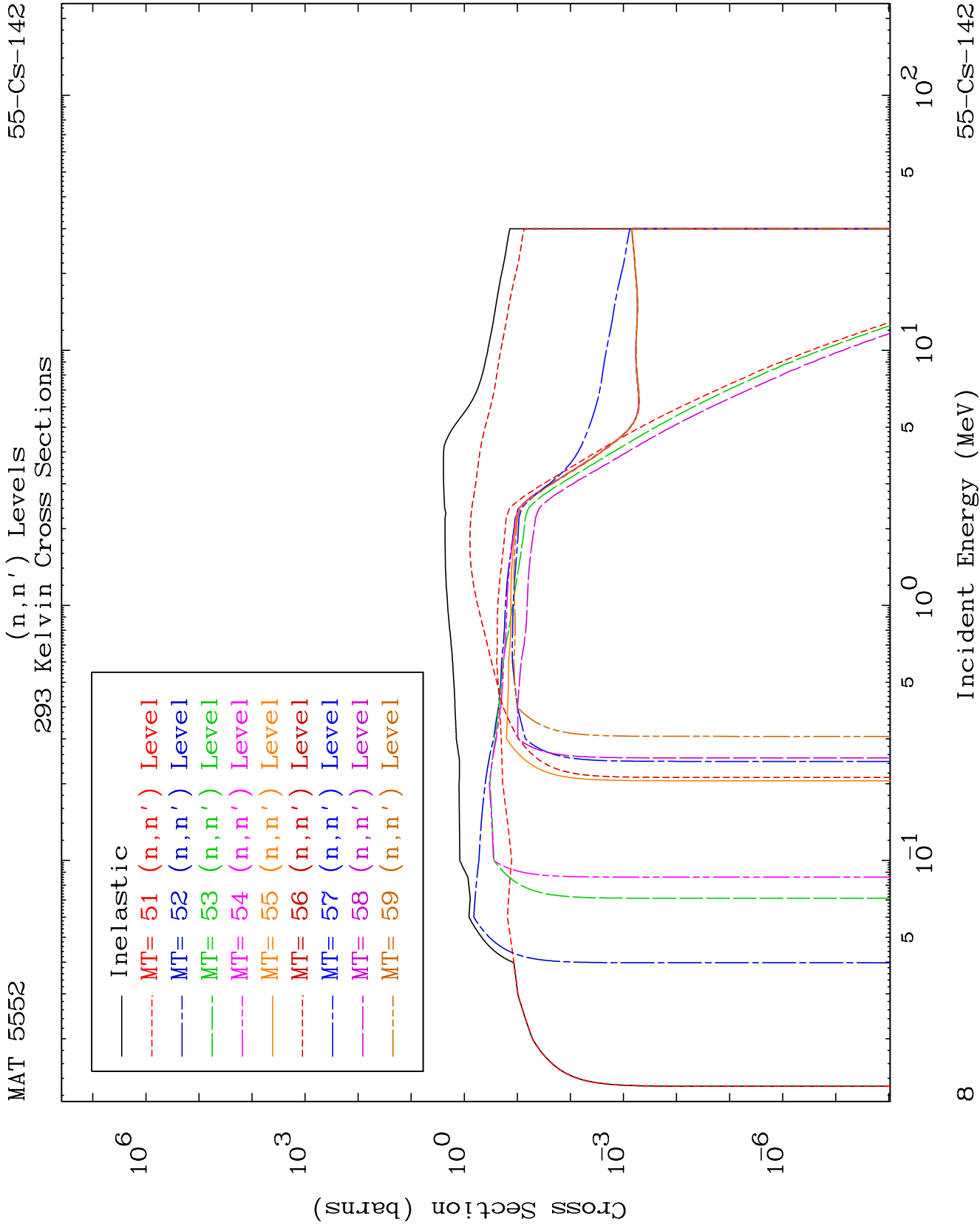


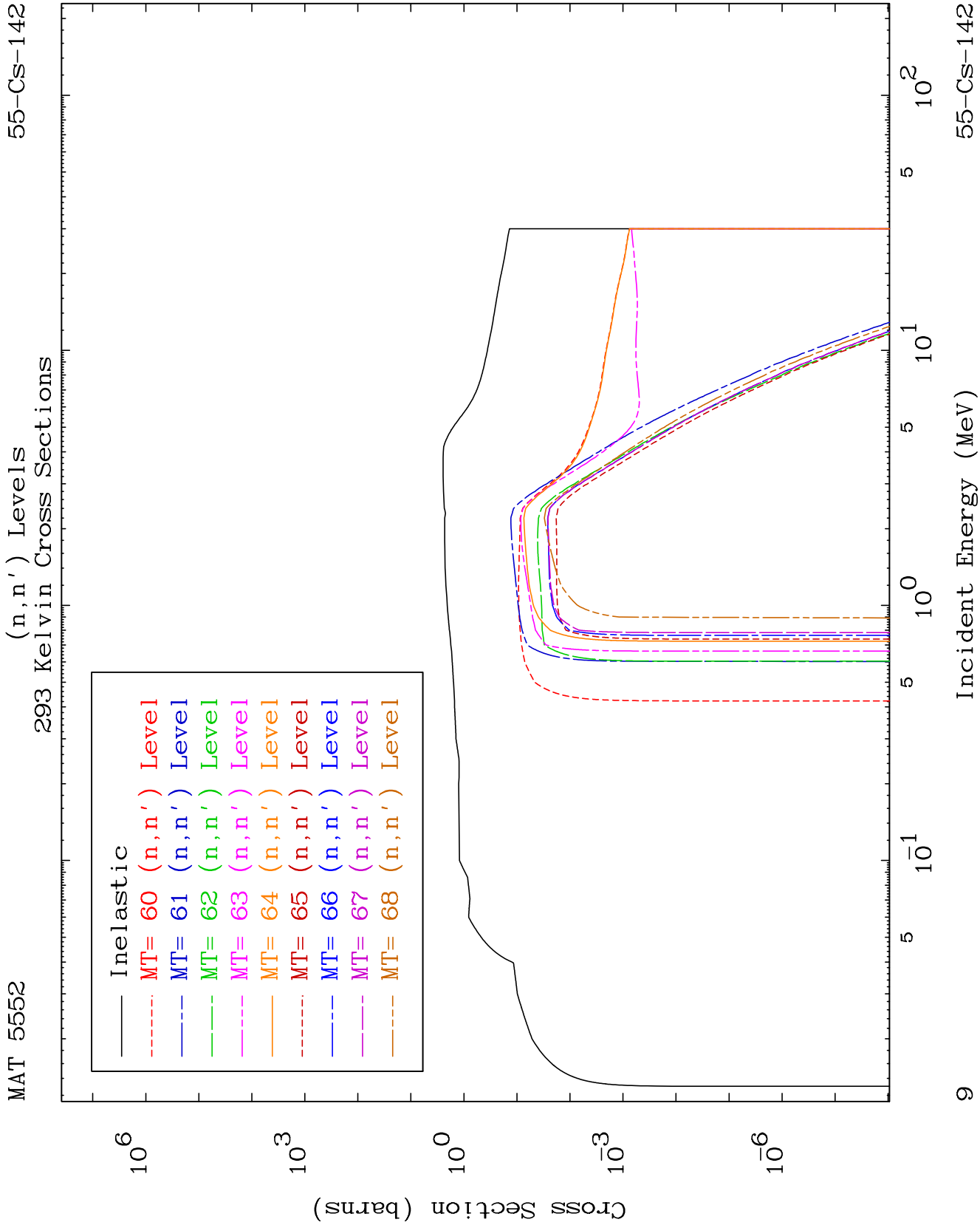
Incident Energy (MeV)

55-Cs-142





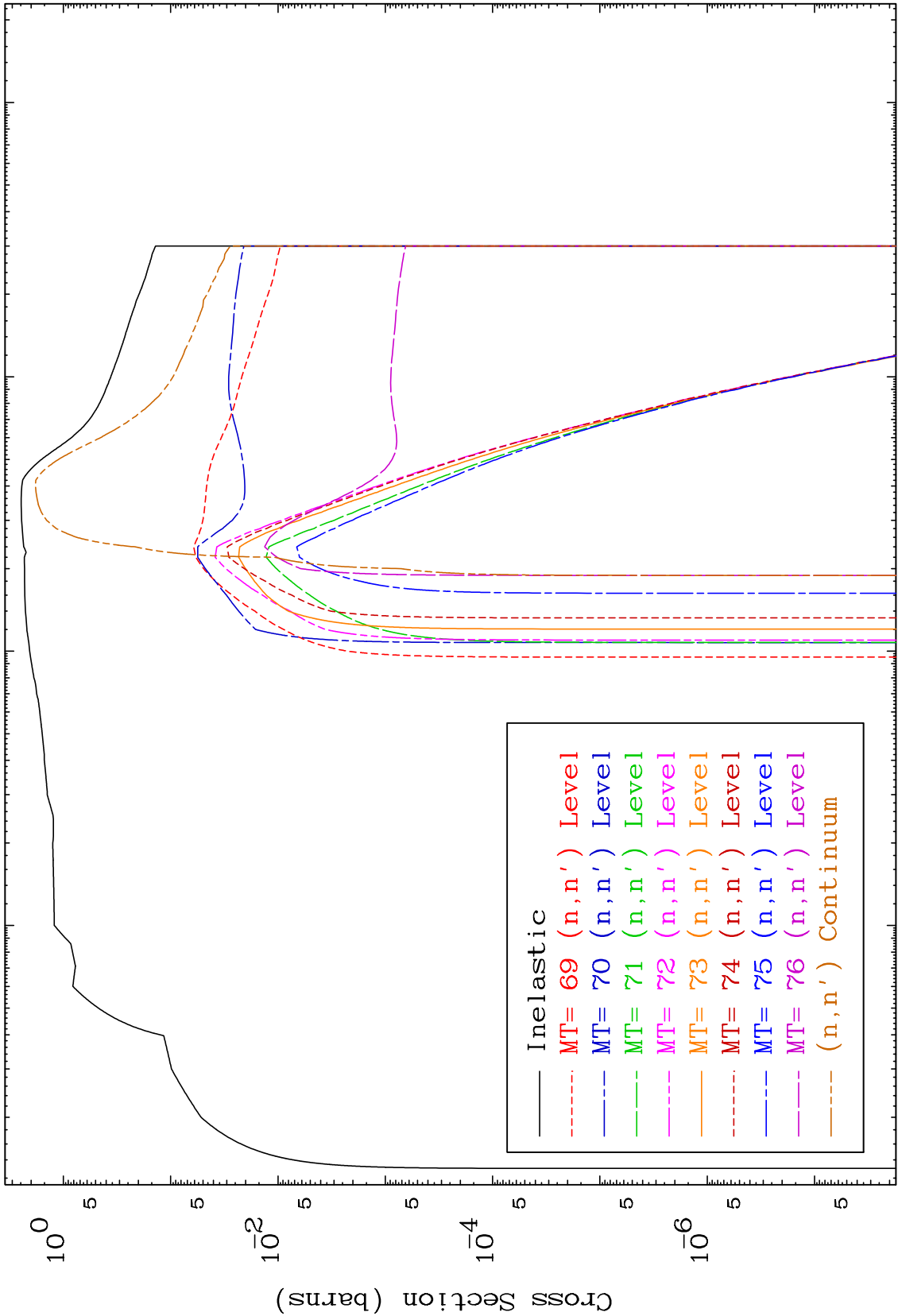




MAT 5552

(n,n') Levels
293 Kelvin Cross Sections

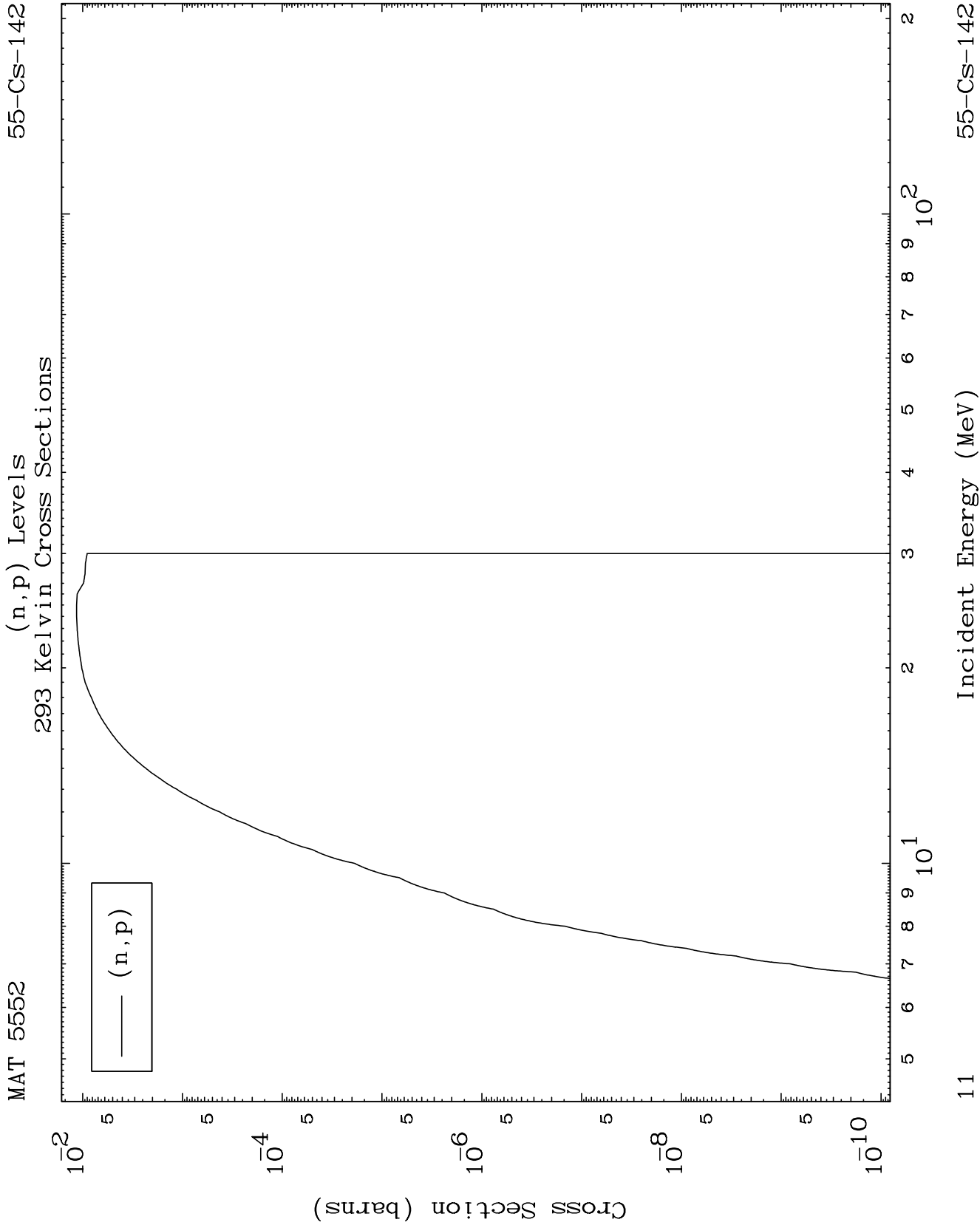
55-Cs-142



10

Incident Energy (MeV)

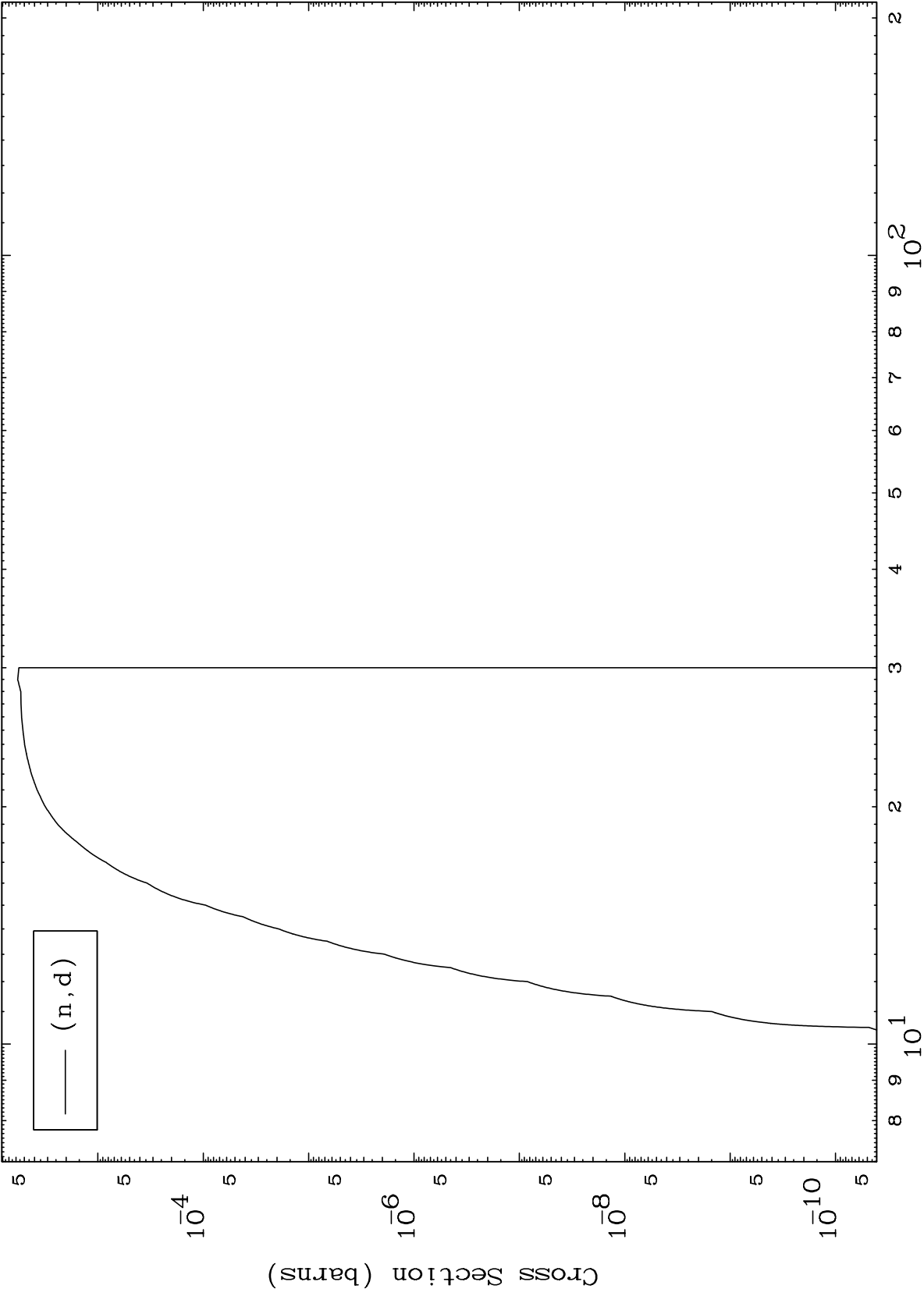
55-Cs-142



MAT 5552

55-Cs-142

(n,d) Levels
293 Kelvin Cross Sections



55-Cs-142

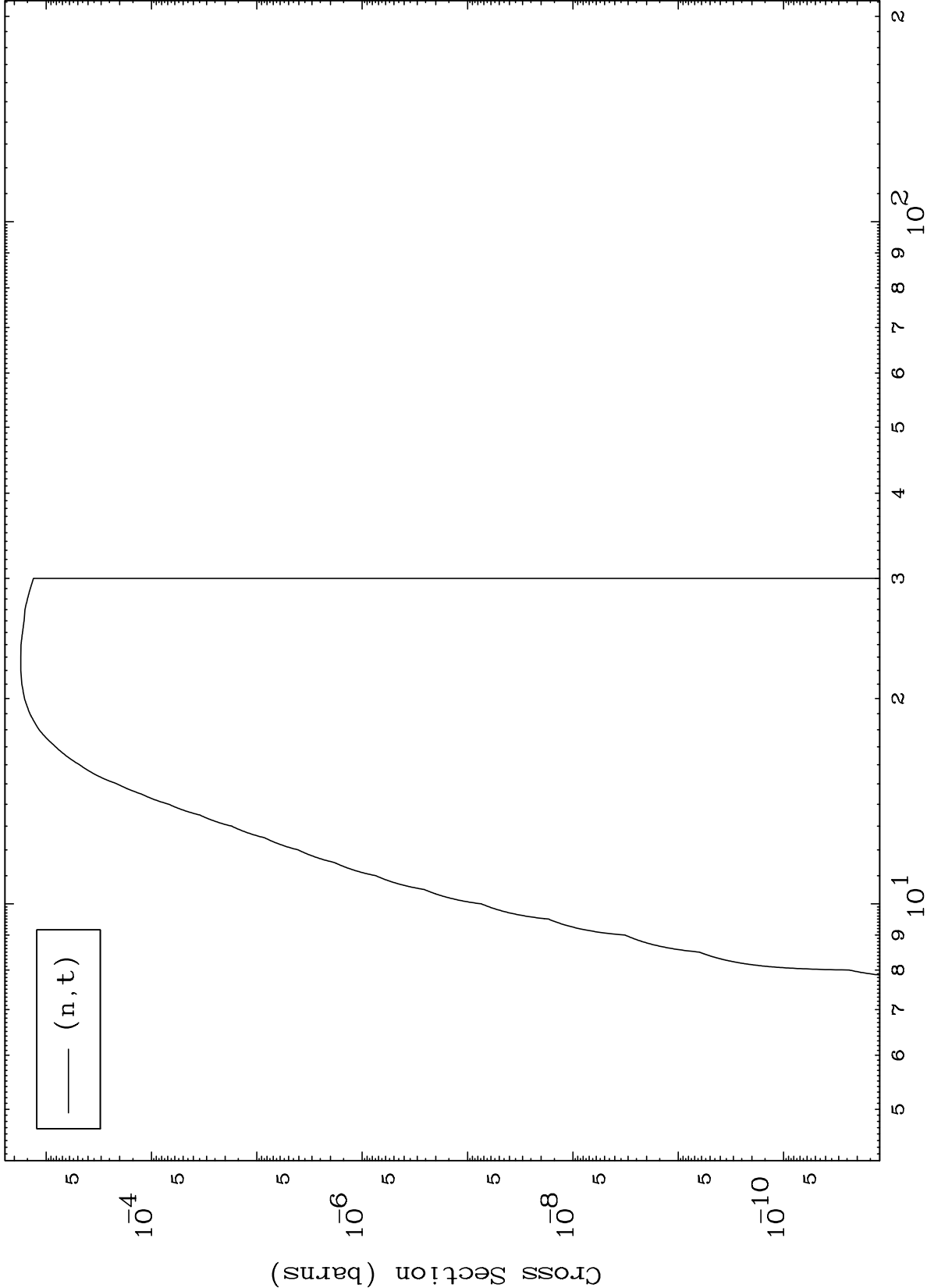
Incident Energy (MeV)

12

MAT 5552

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-142



13

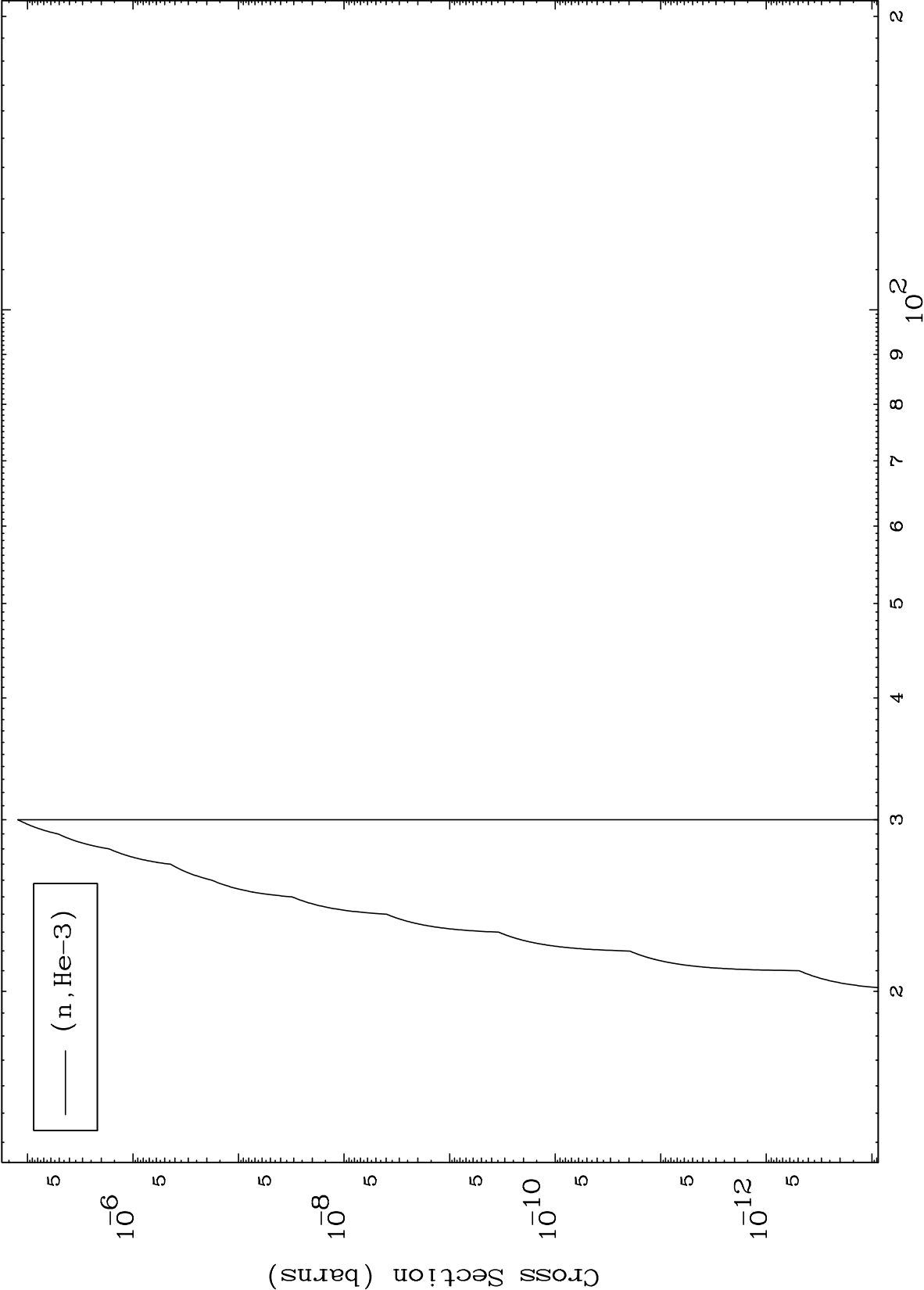
Incident Energy (MeV)

55-Cs-142

MAT 5552

55-Cs-142

(n,He3) Levels
293 Kelvin Cross Sections



14

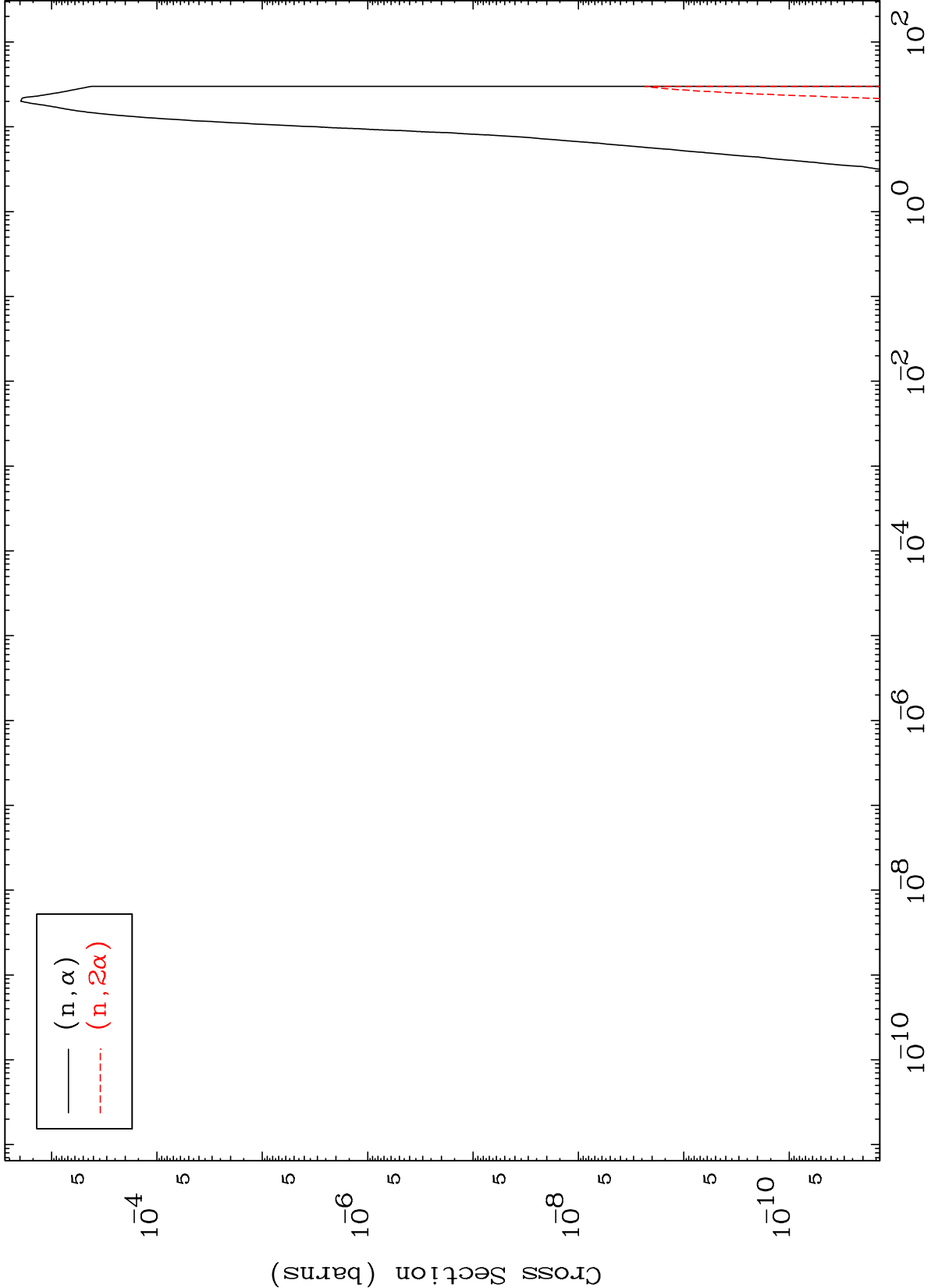
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n, α) Levels
293 Kelvin Cross Sections

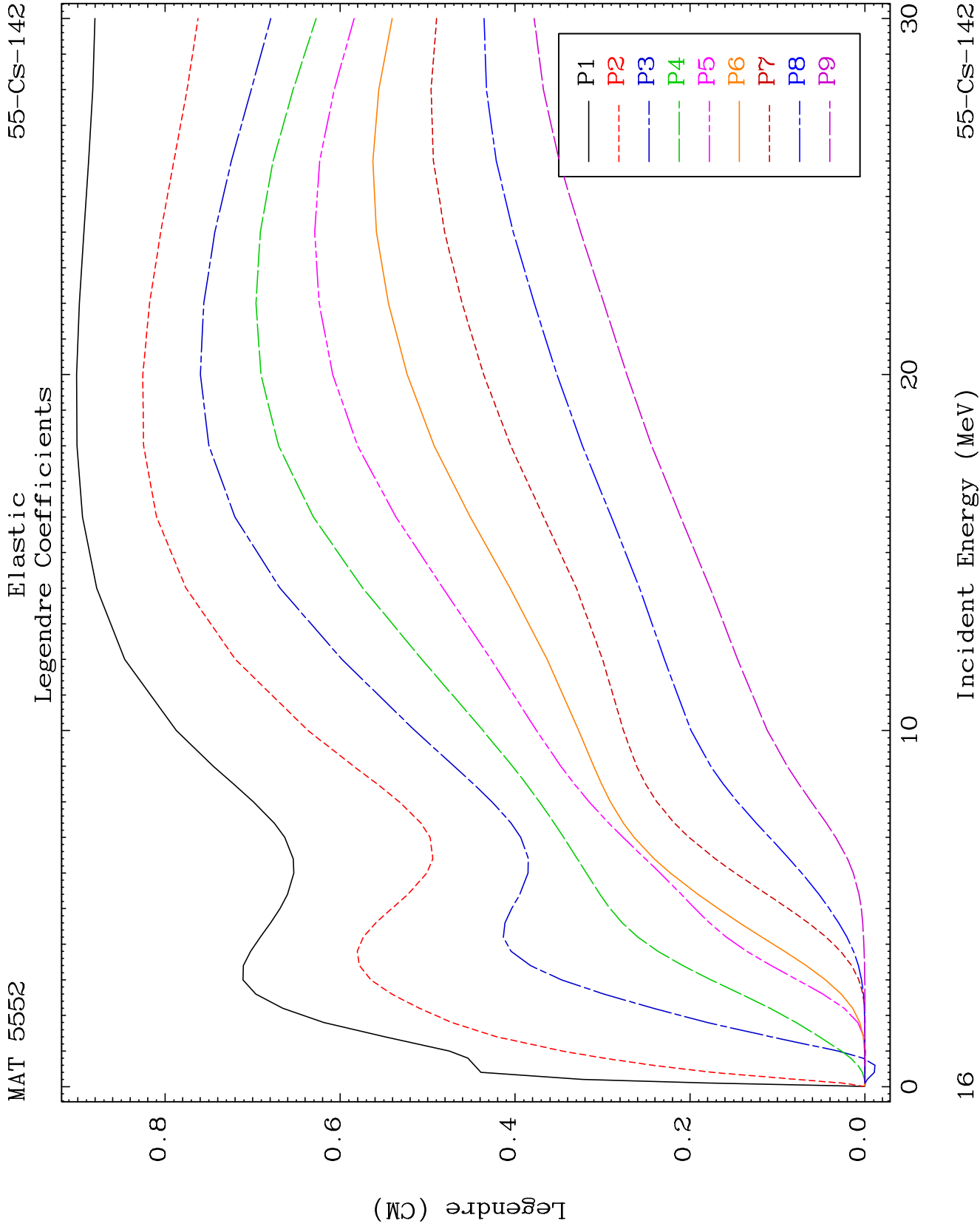
55-Cs-142

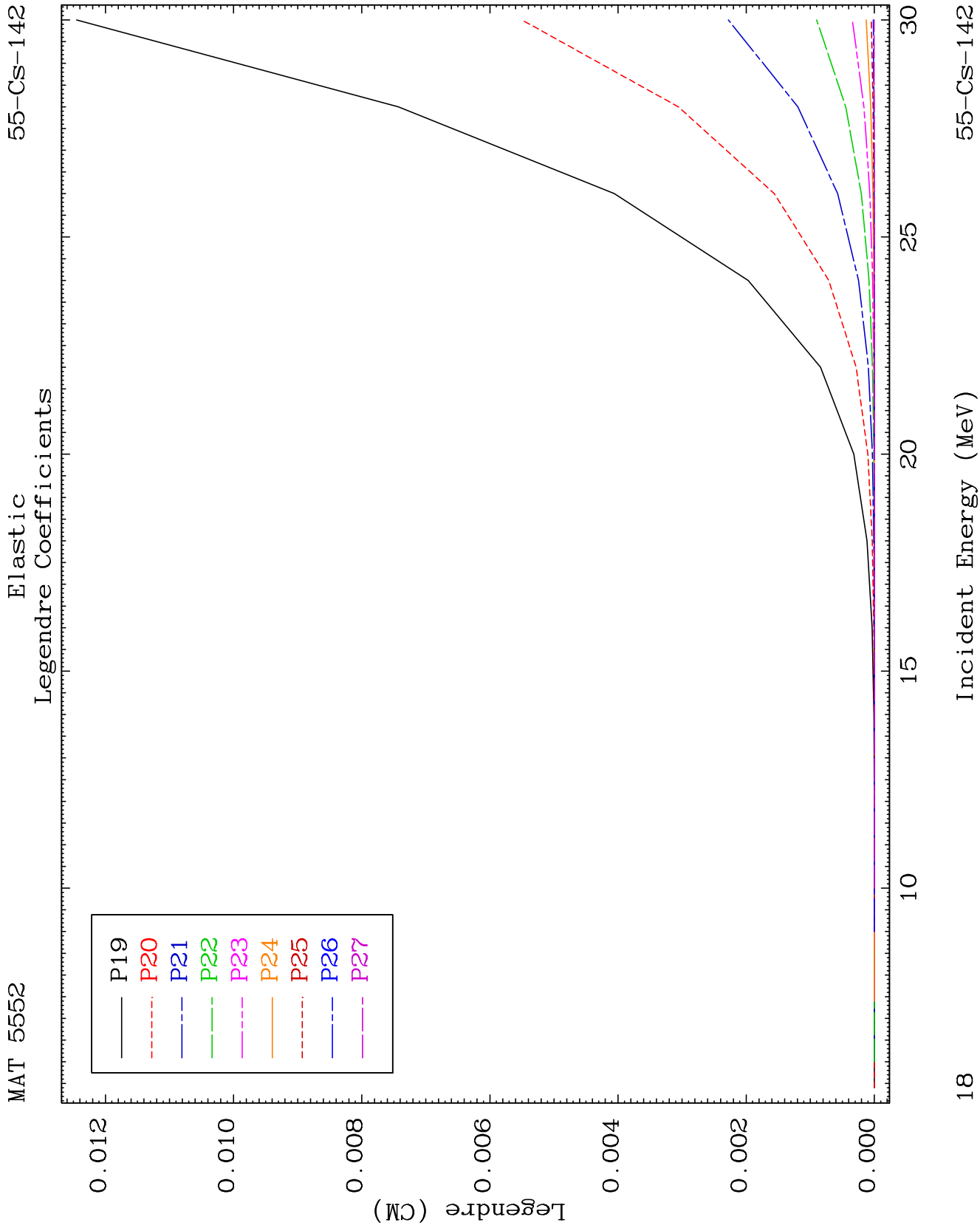


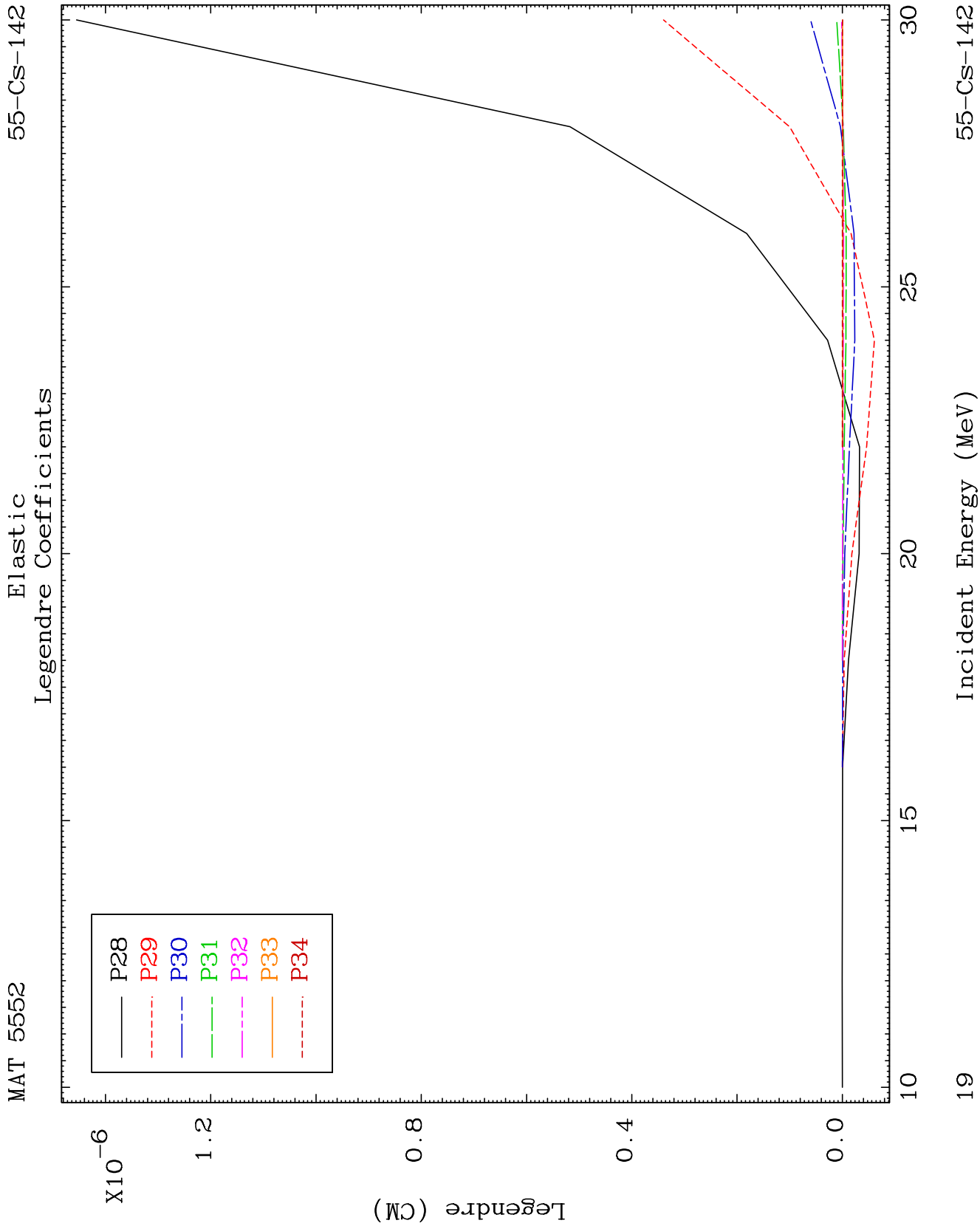
15

Incident Energy (MeV)

55-Cs-142



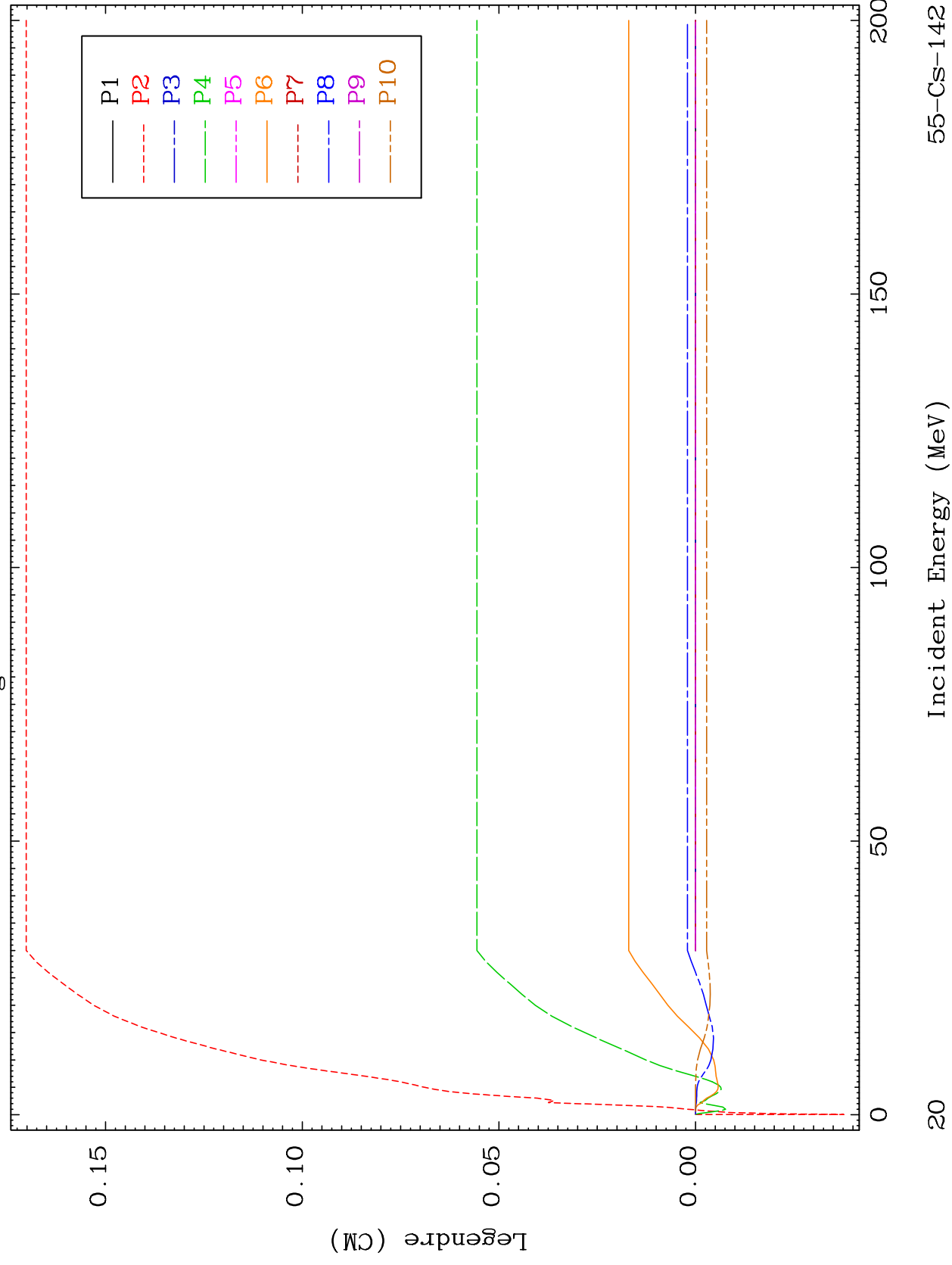


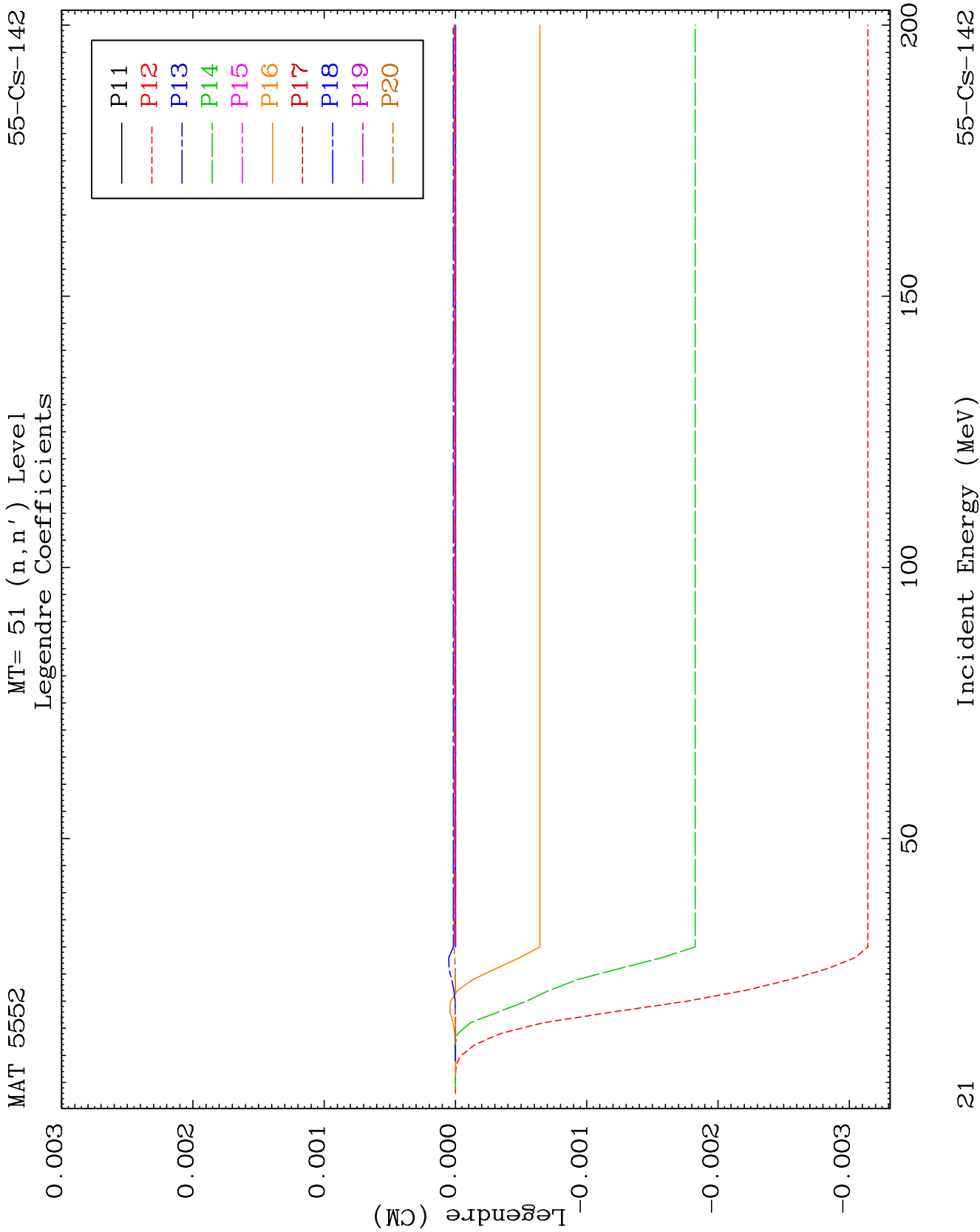


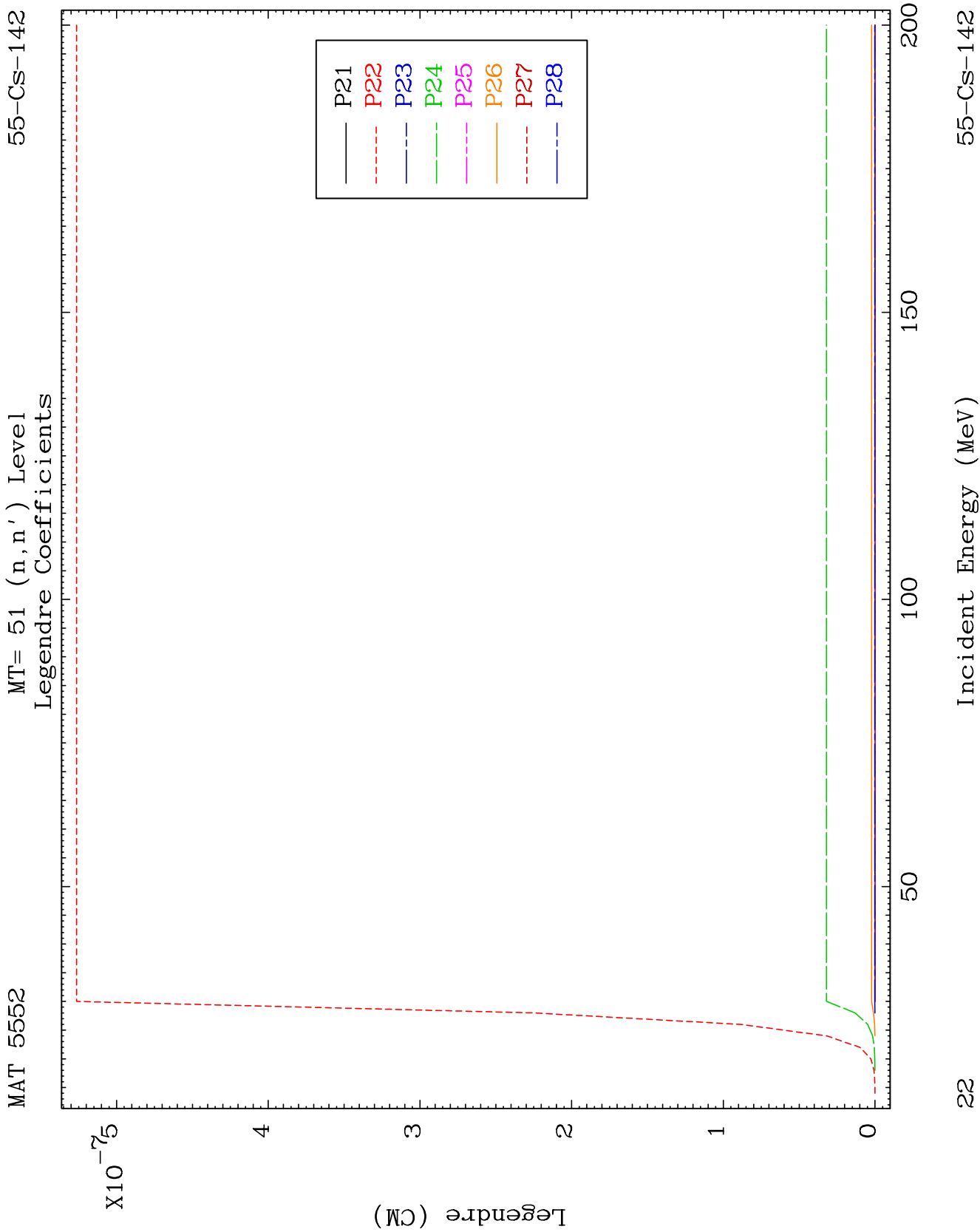
MAT 5552

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

55-CS-142



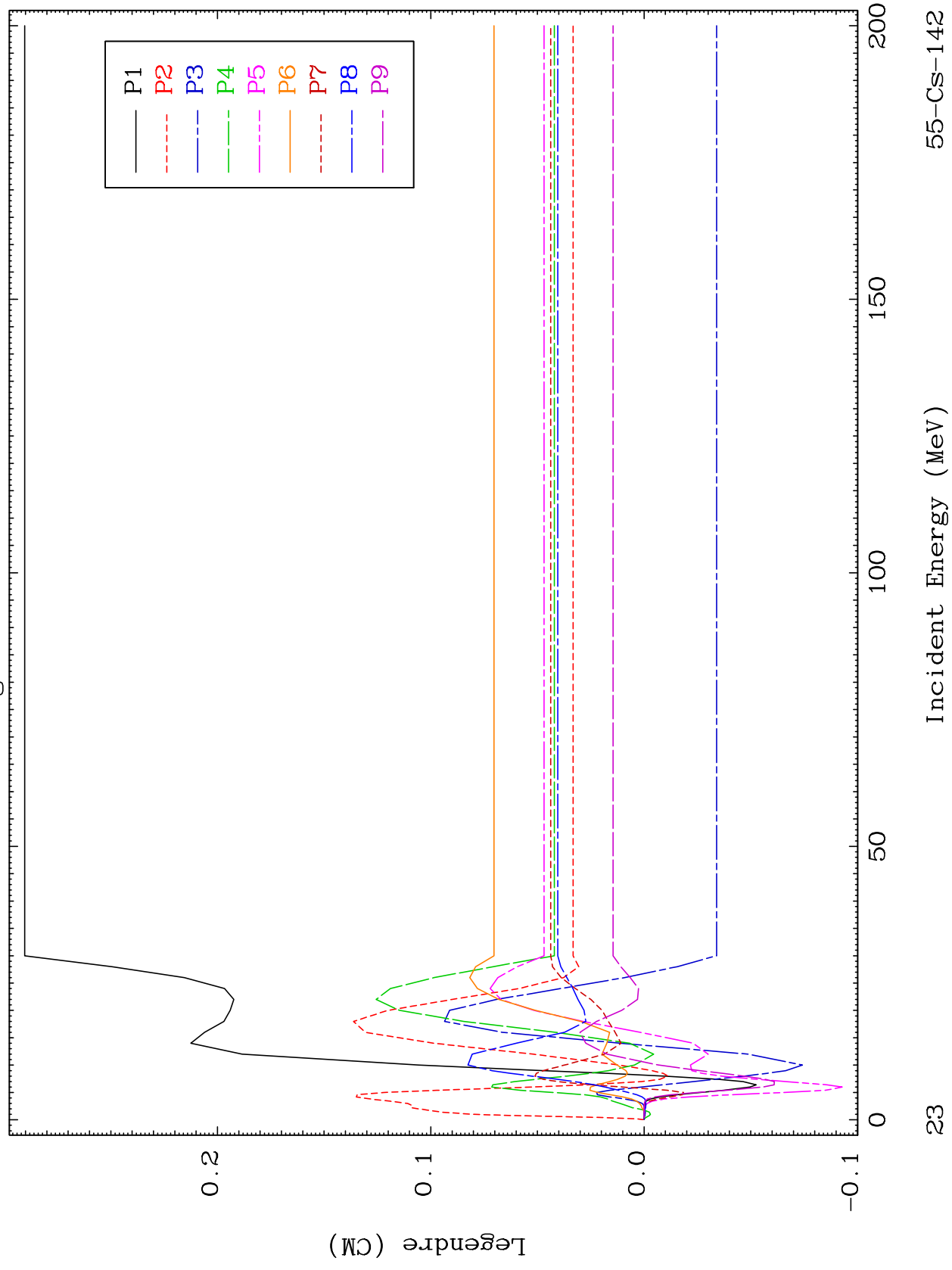


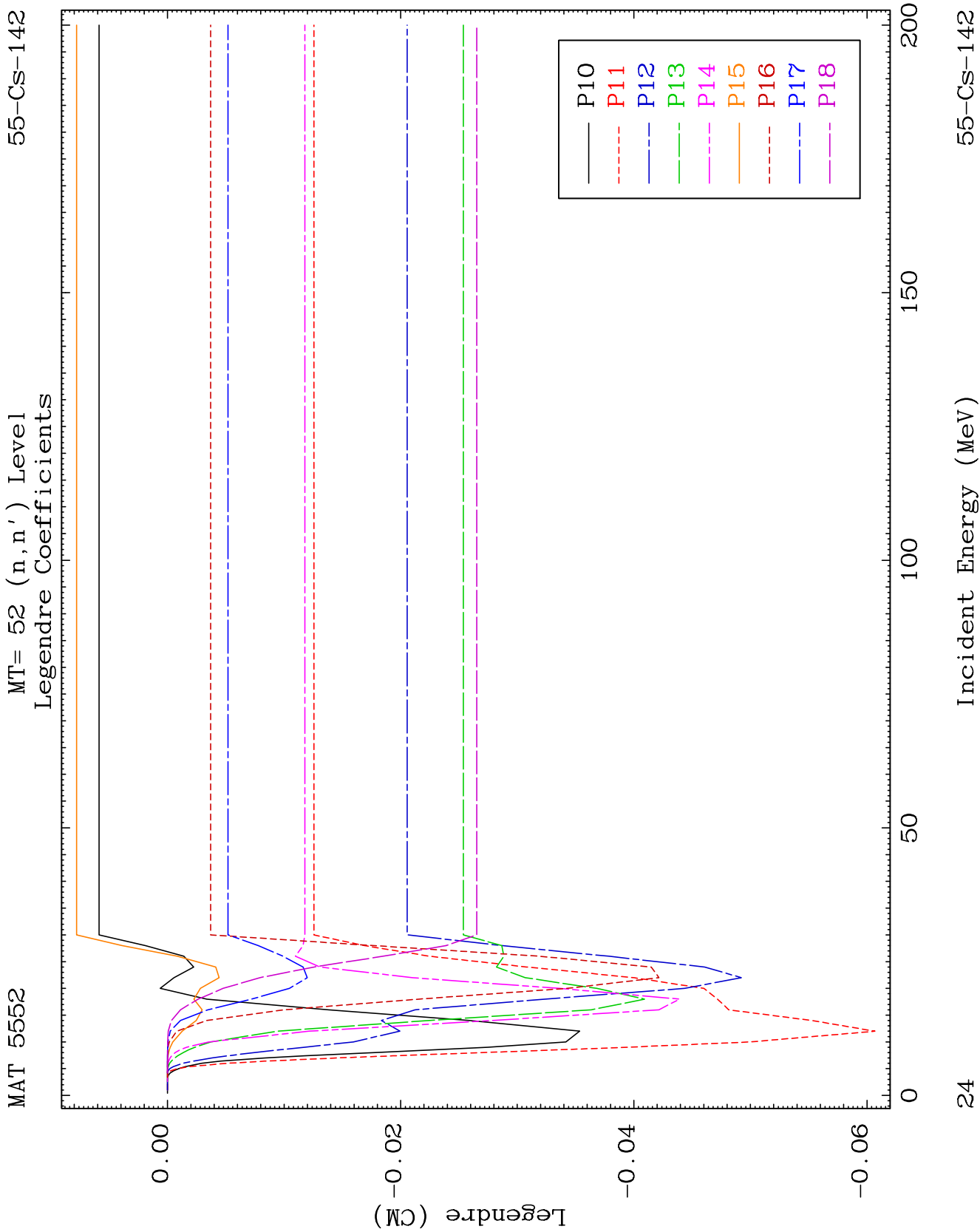


MAT 5552

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

55-CS-142



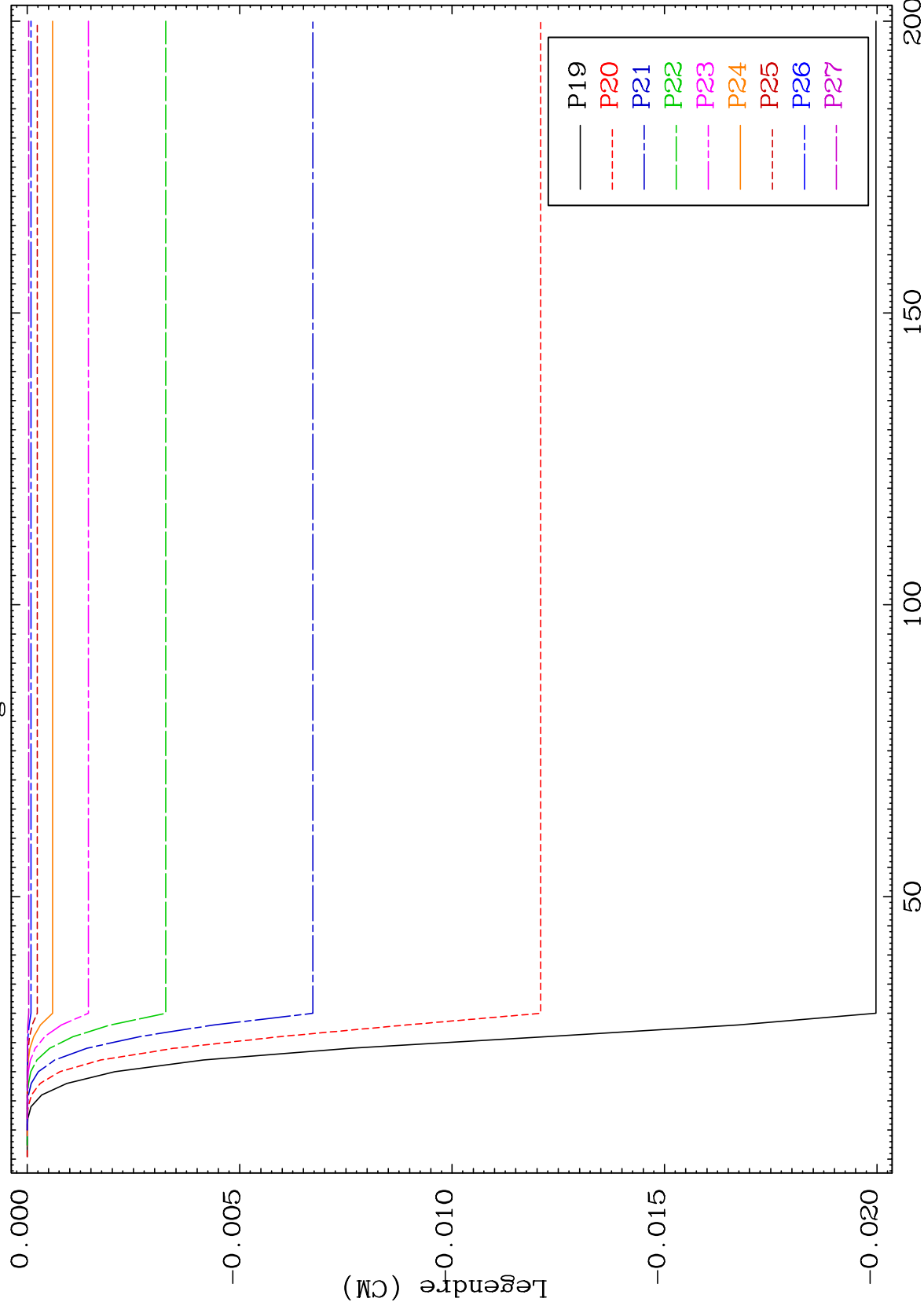


MAT 5552

MT= 52 (n, n') Level

55-CS-142

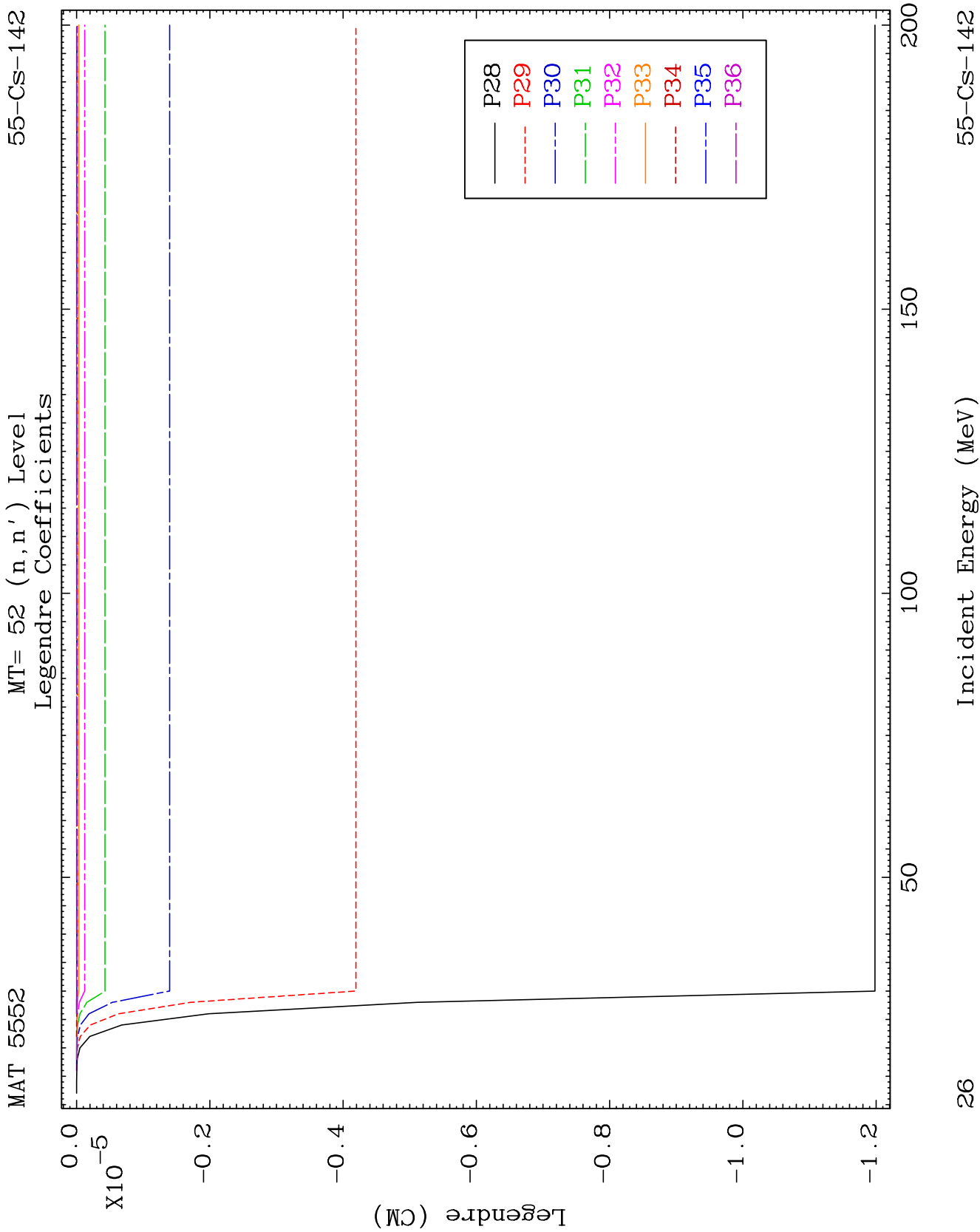
Legendre Coefficients



25

Incident Energy (MeV)

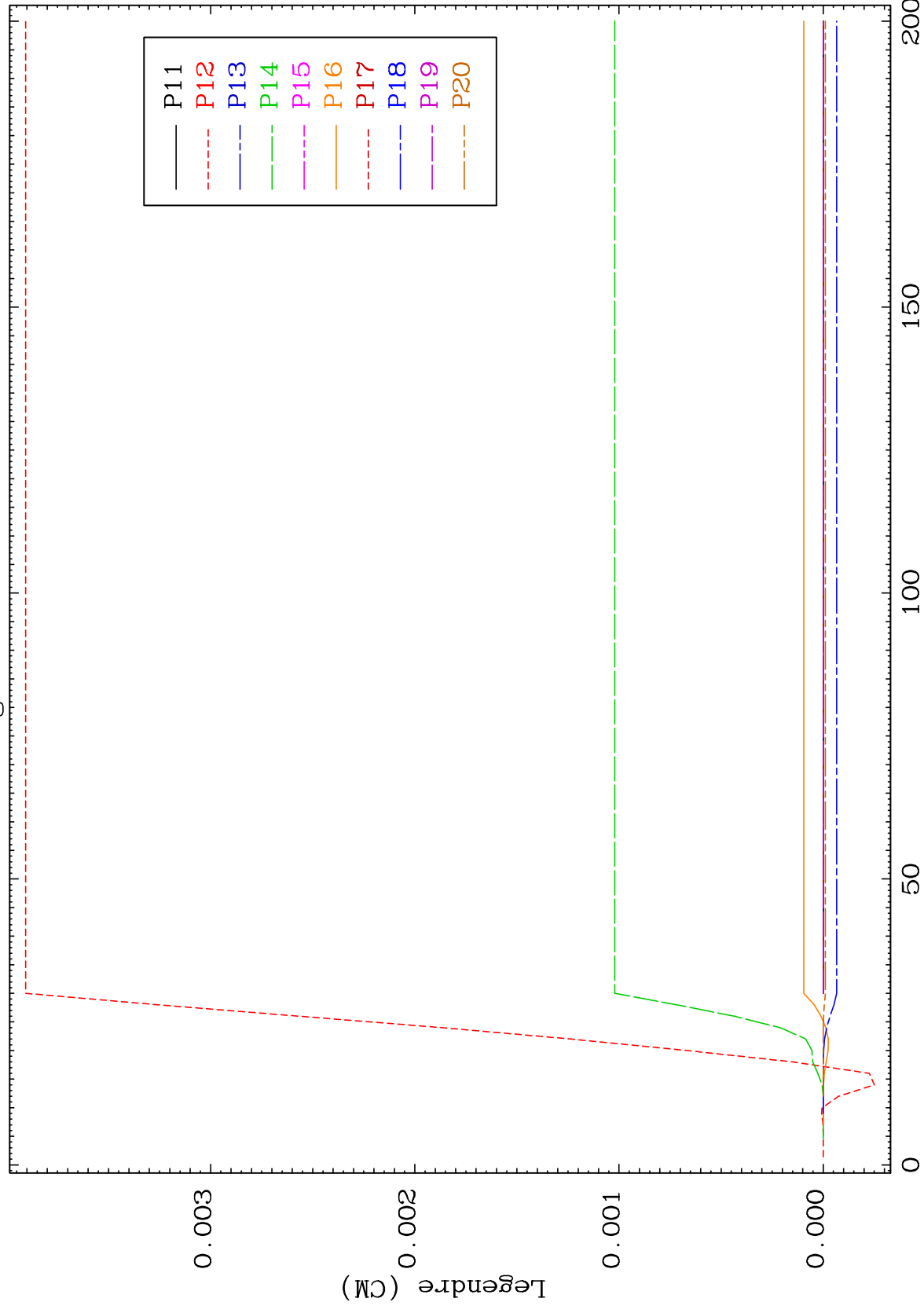
55-CS-142



MAT 5552

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

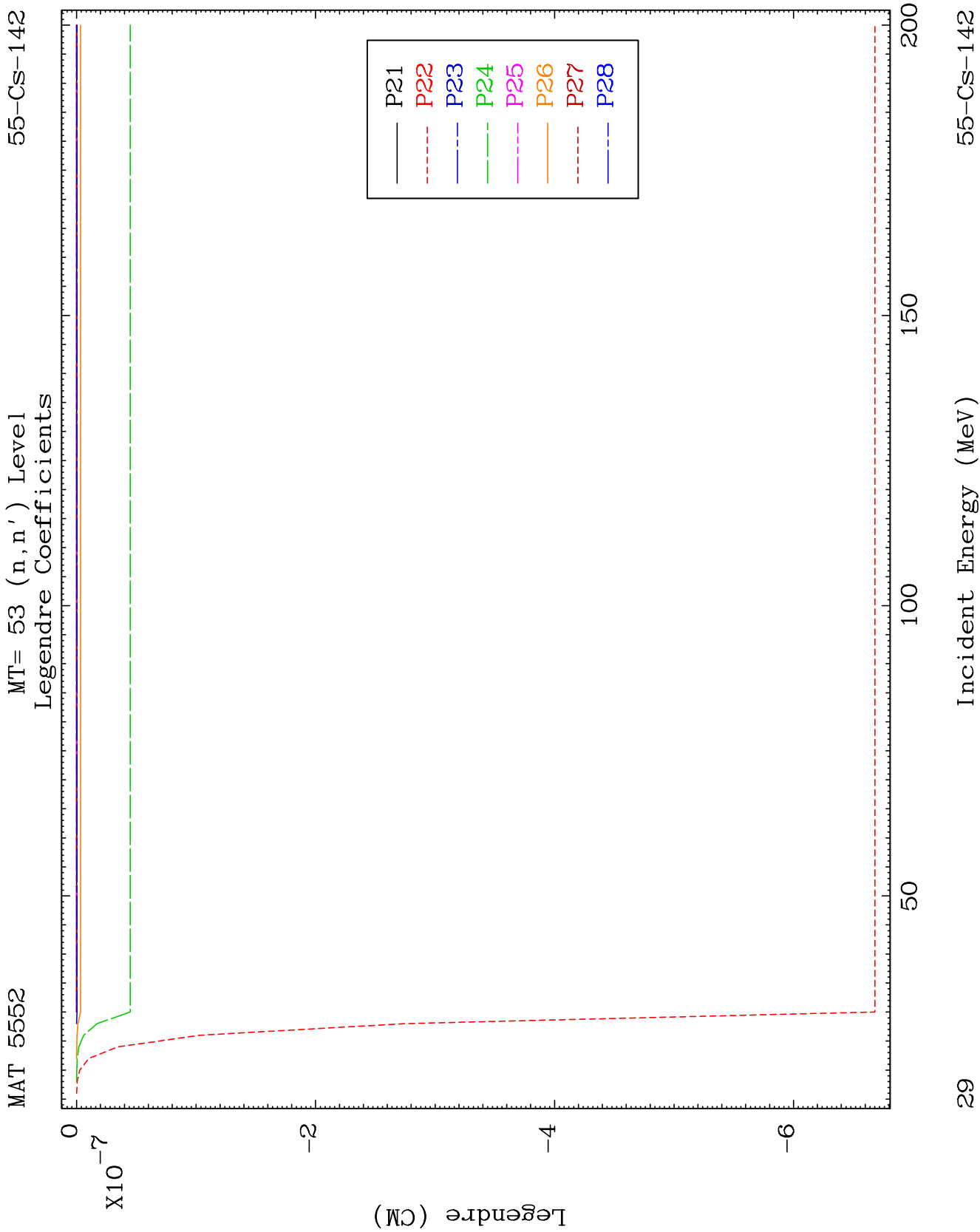
55-CS-142



28

Incident Energy (MeV)

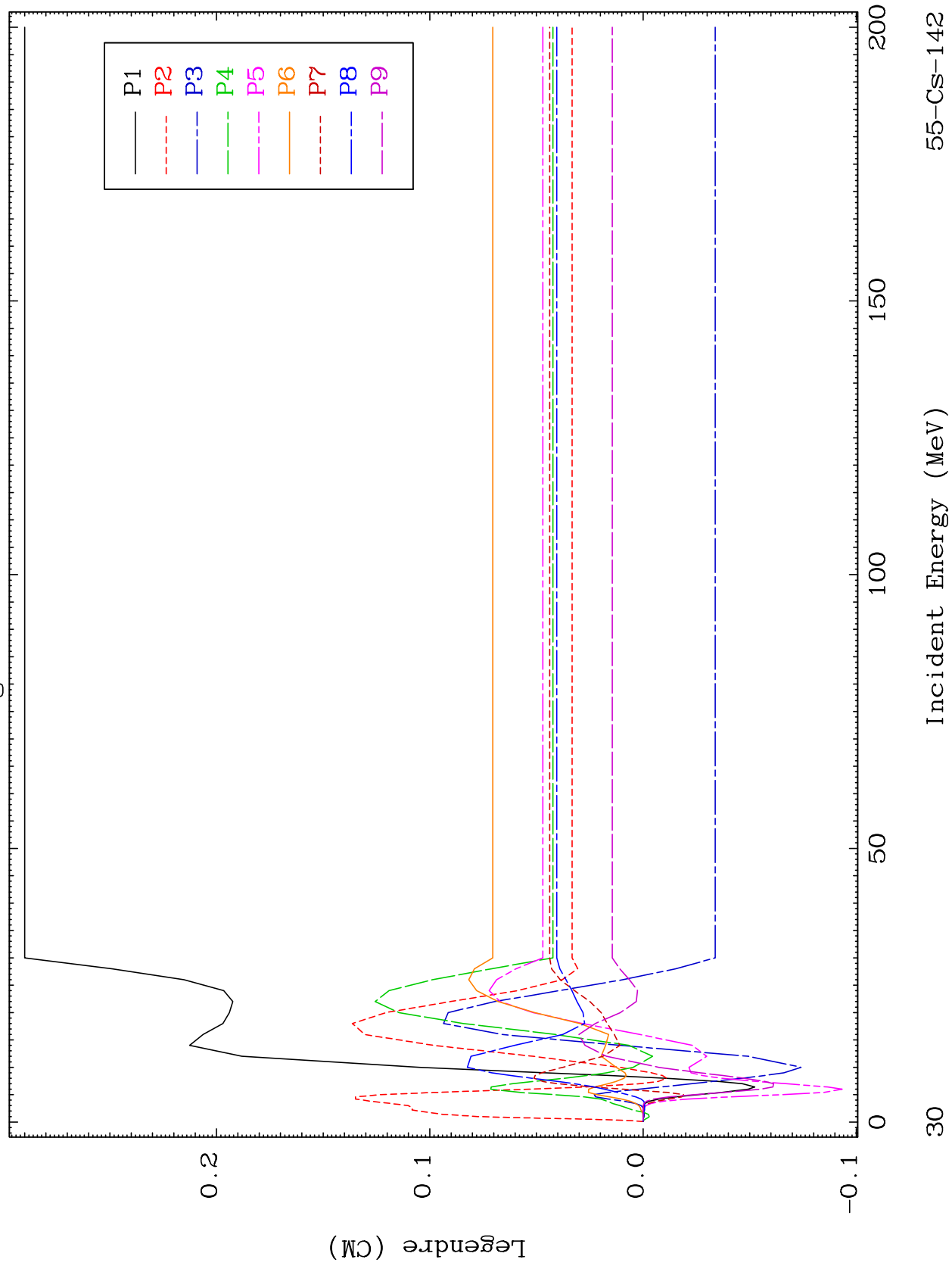
55-CS-142



MAT 5552

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

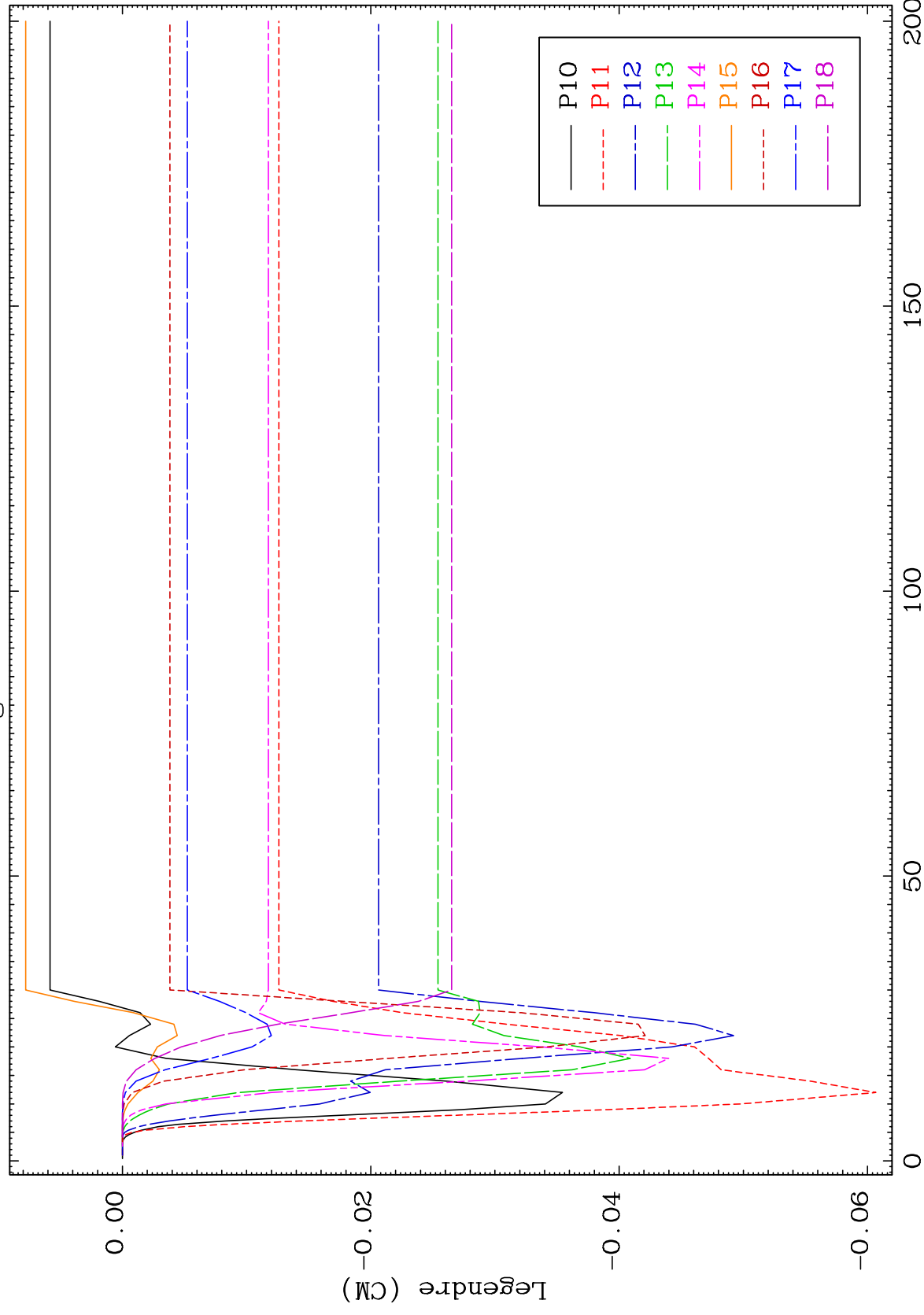
55-CS-142



MAT 5552

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

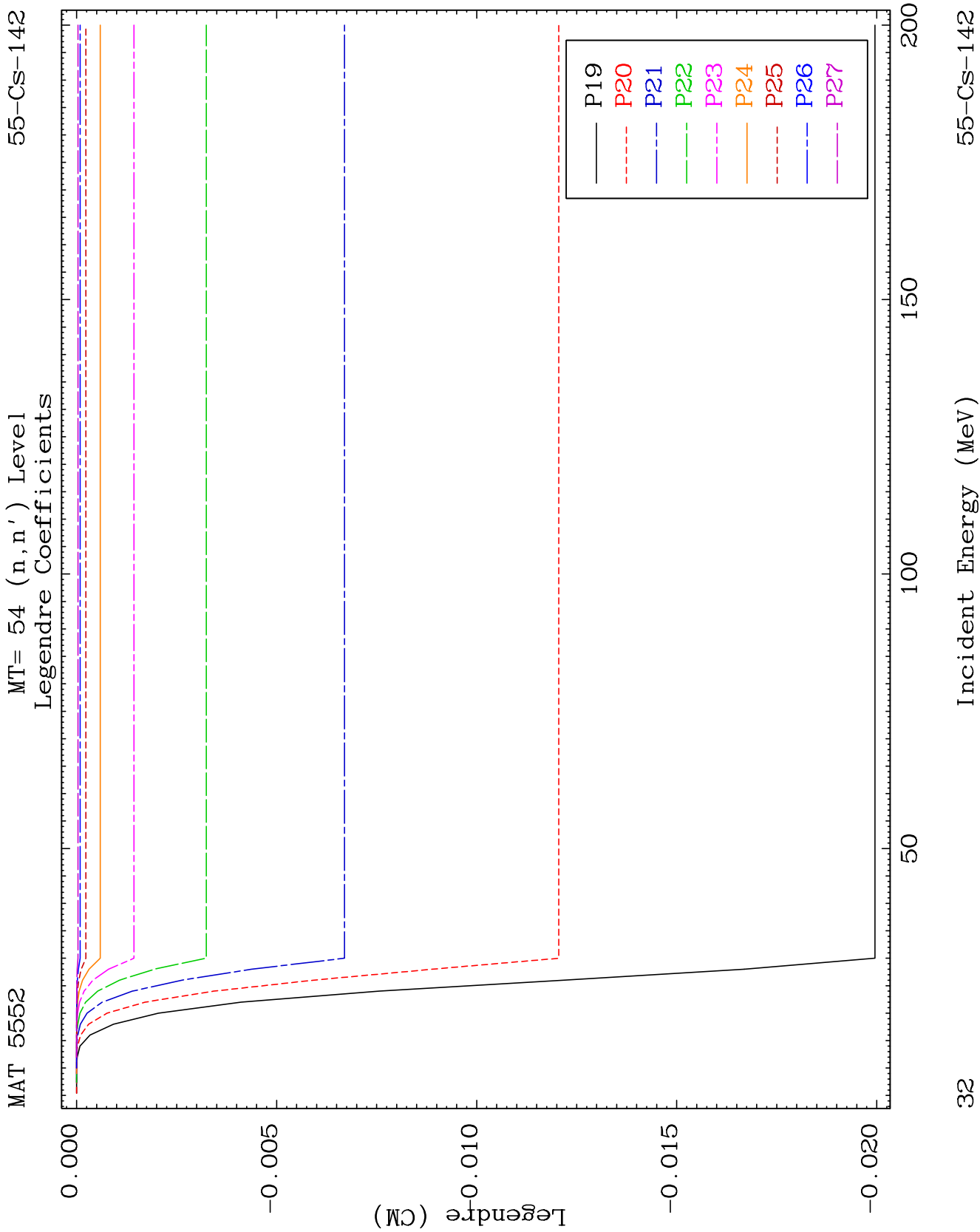
55-CS-142

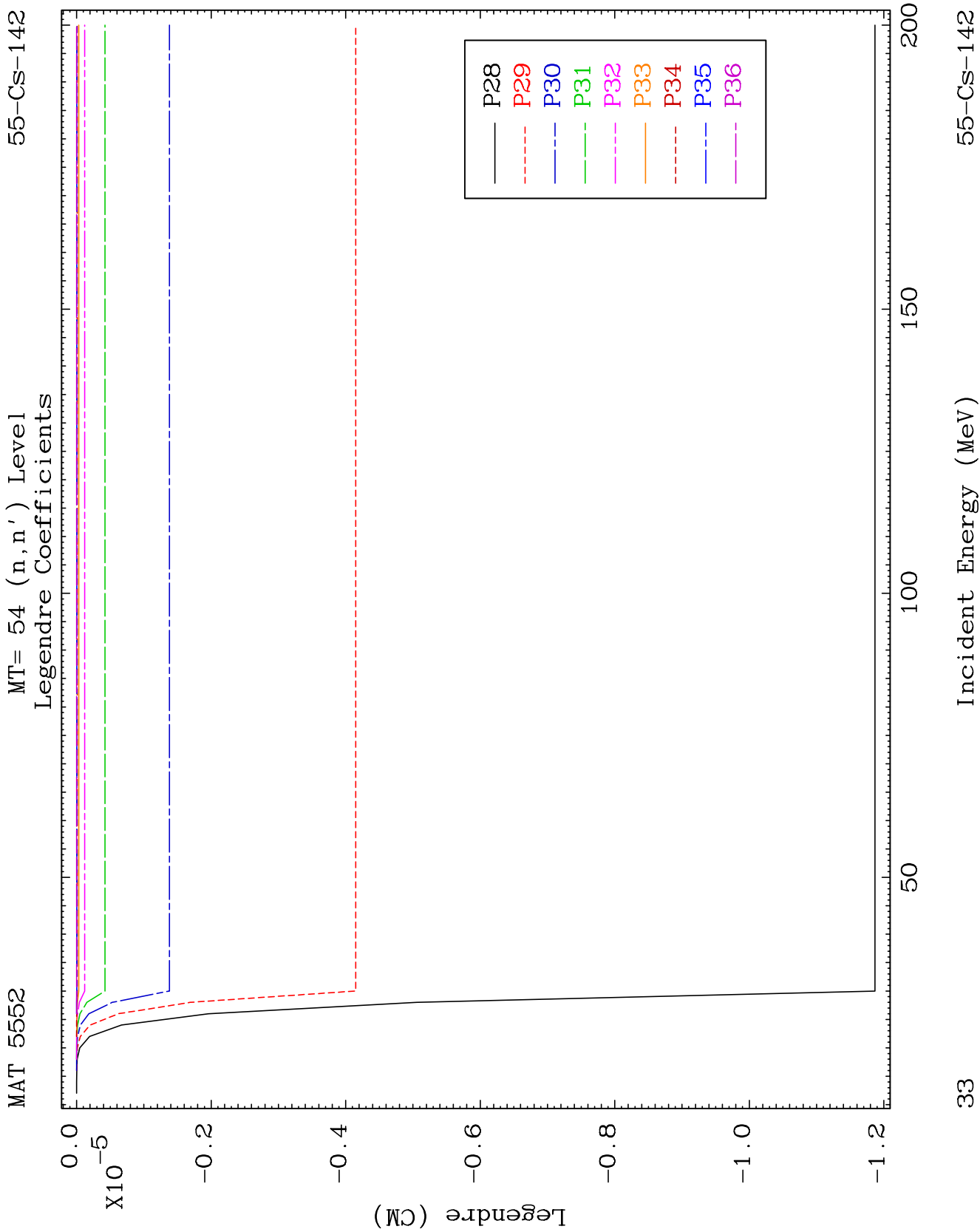


31

Incident Energy (MeV)

55-CS-142

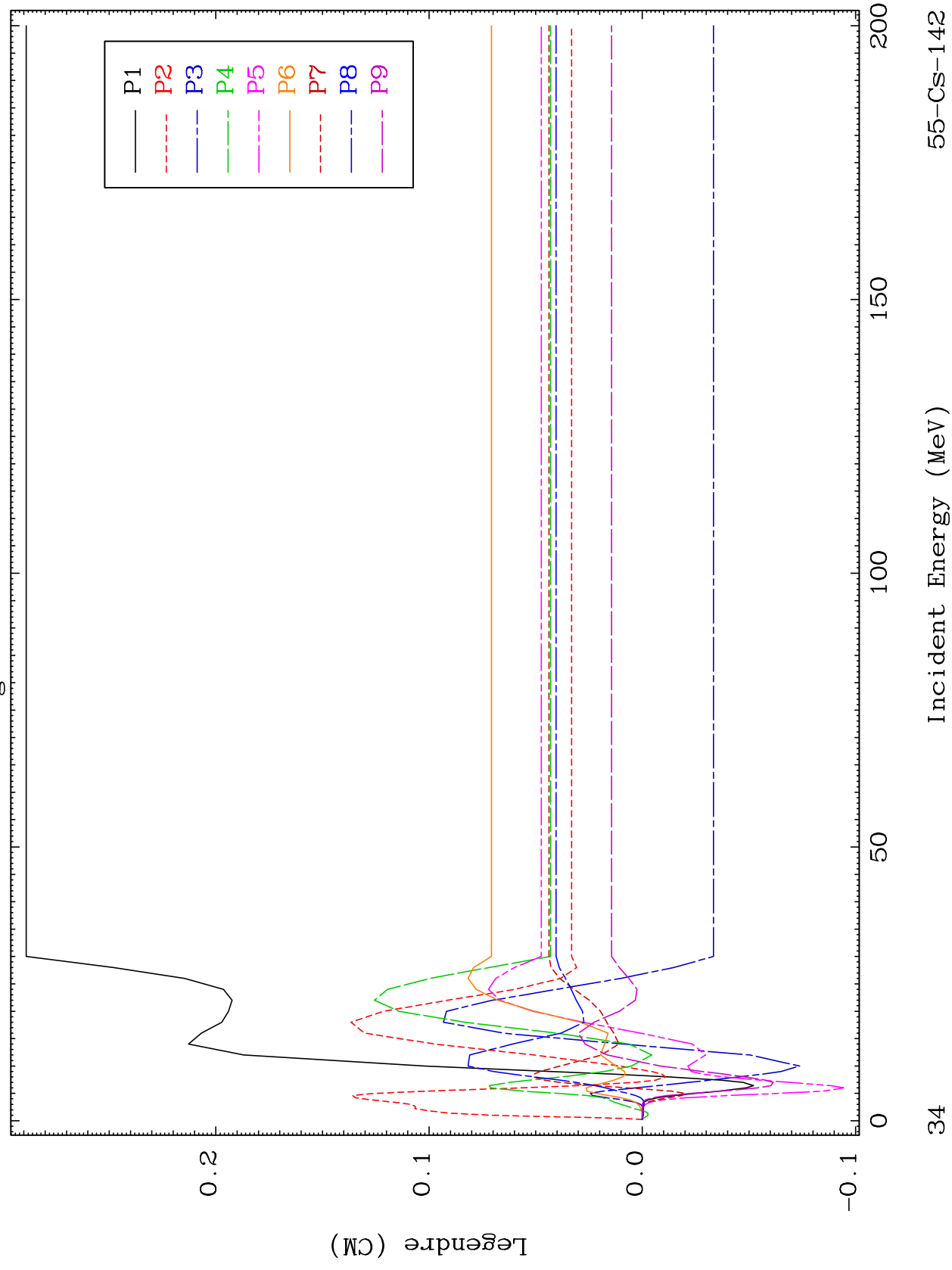


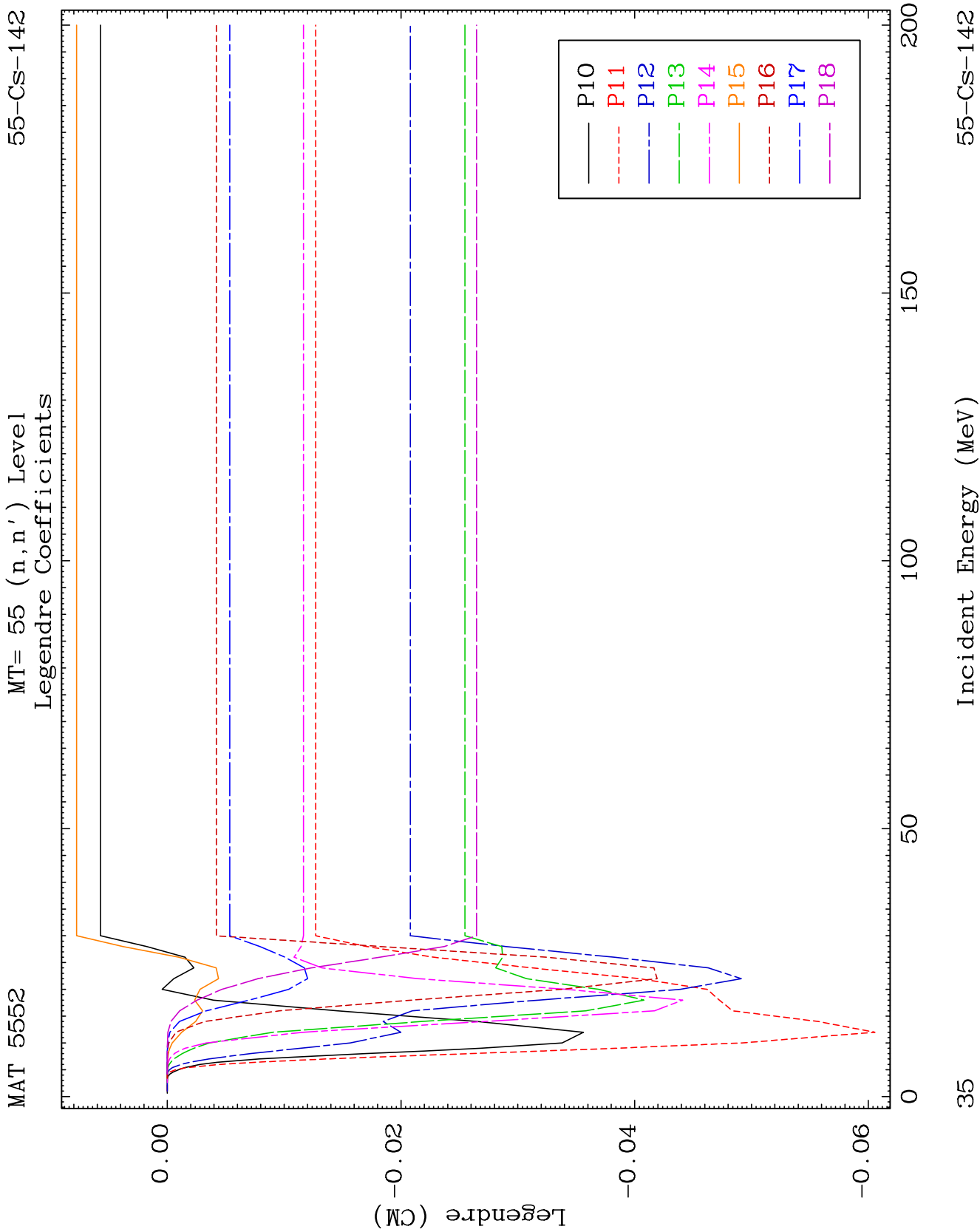


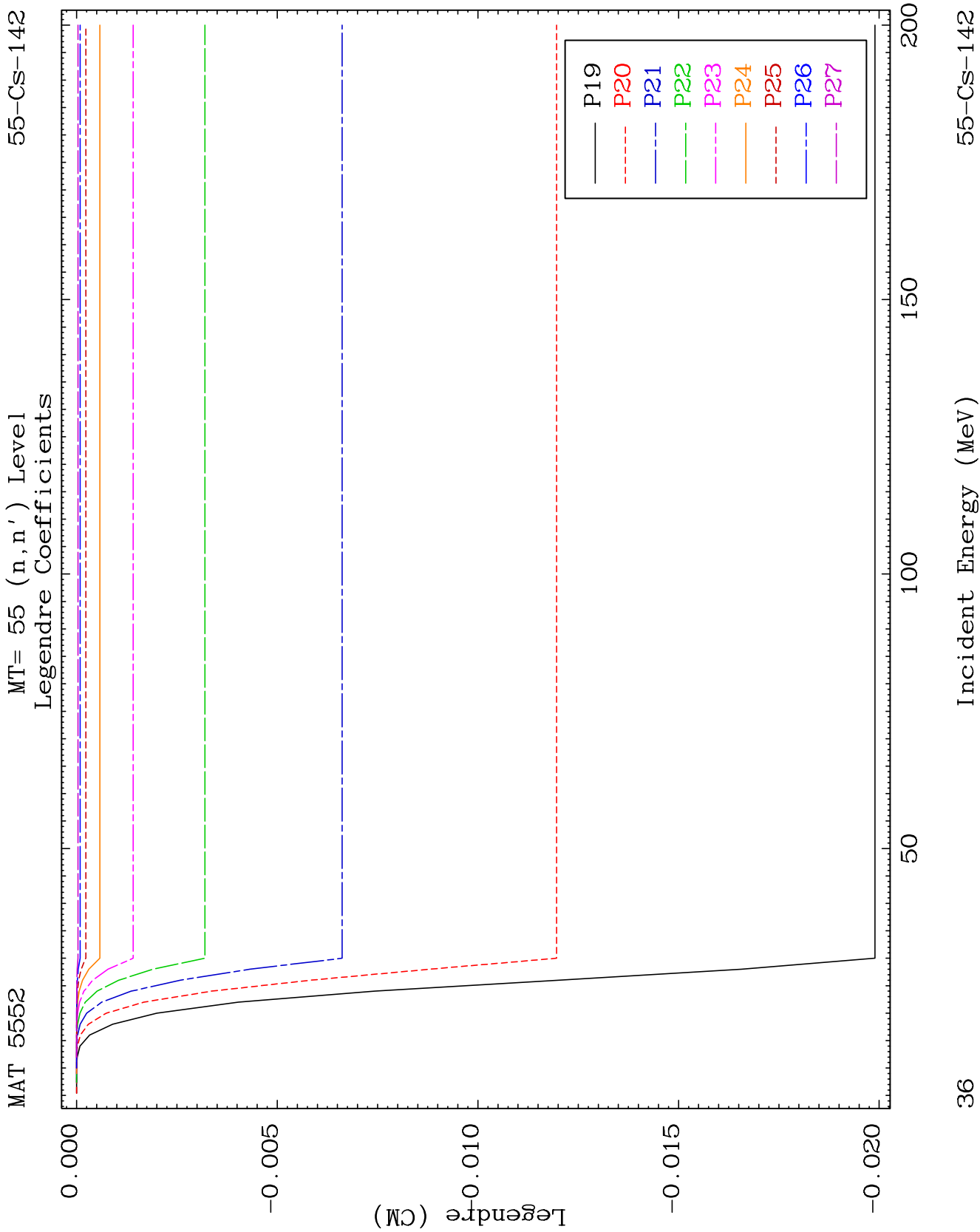
MAT 5552

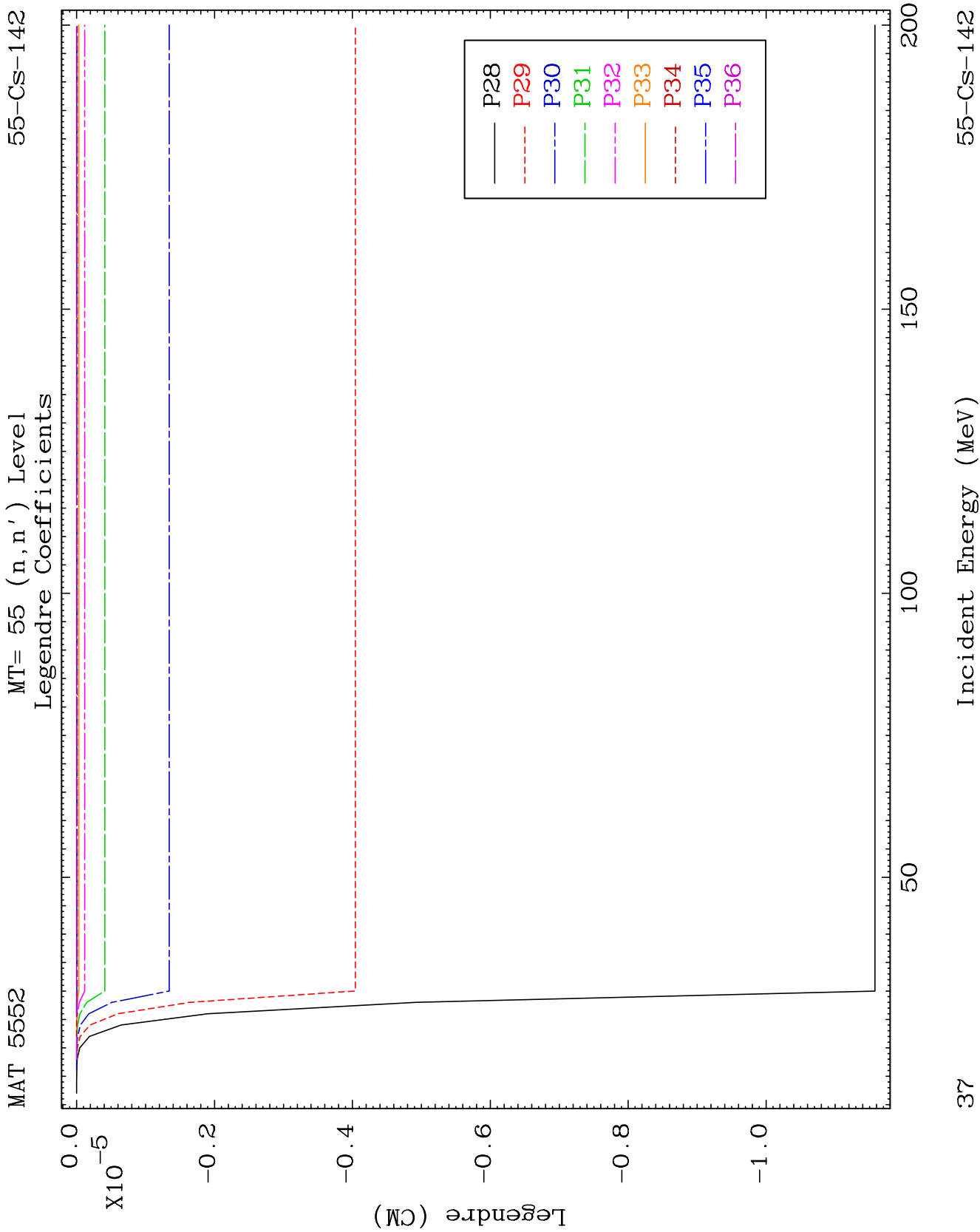
MT= 55 (n, n') Level
Legendre Coefficients

55-CS-142





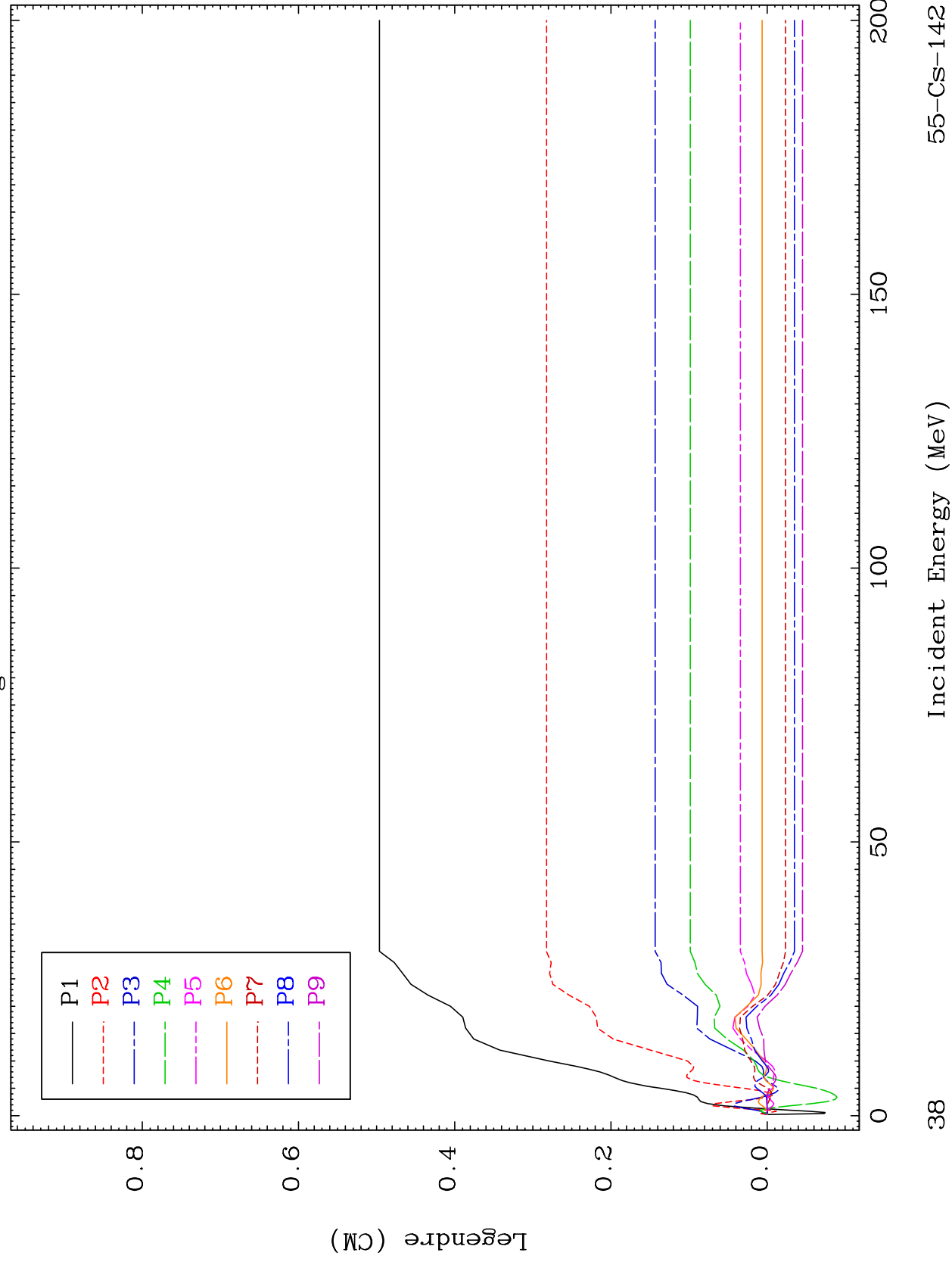




MAT 5552

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

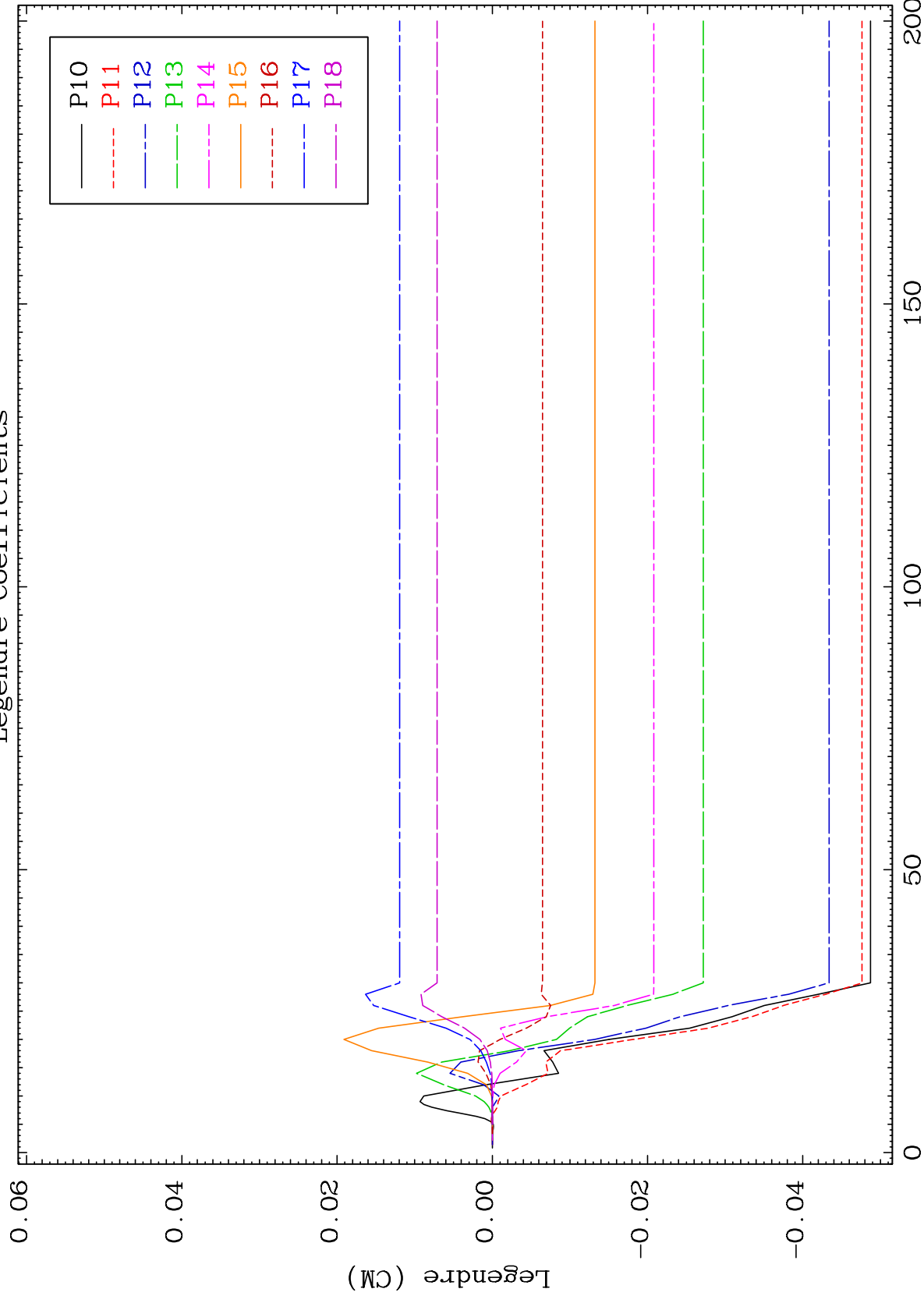
55-CS-142



MAT 5552

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

55-CS-142



33

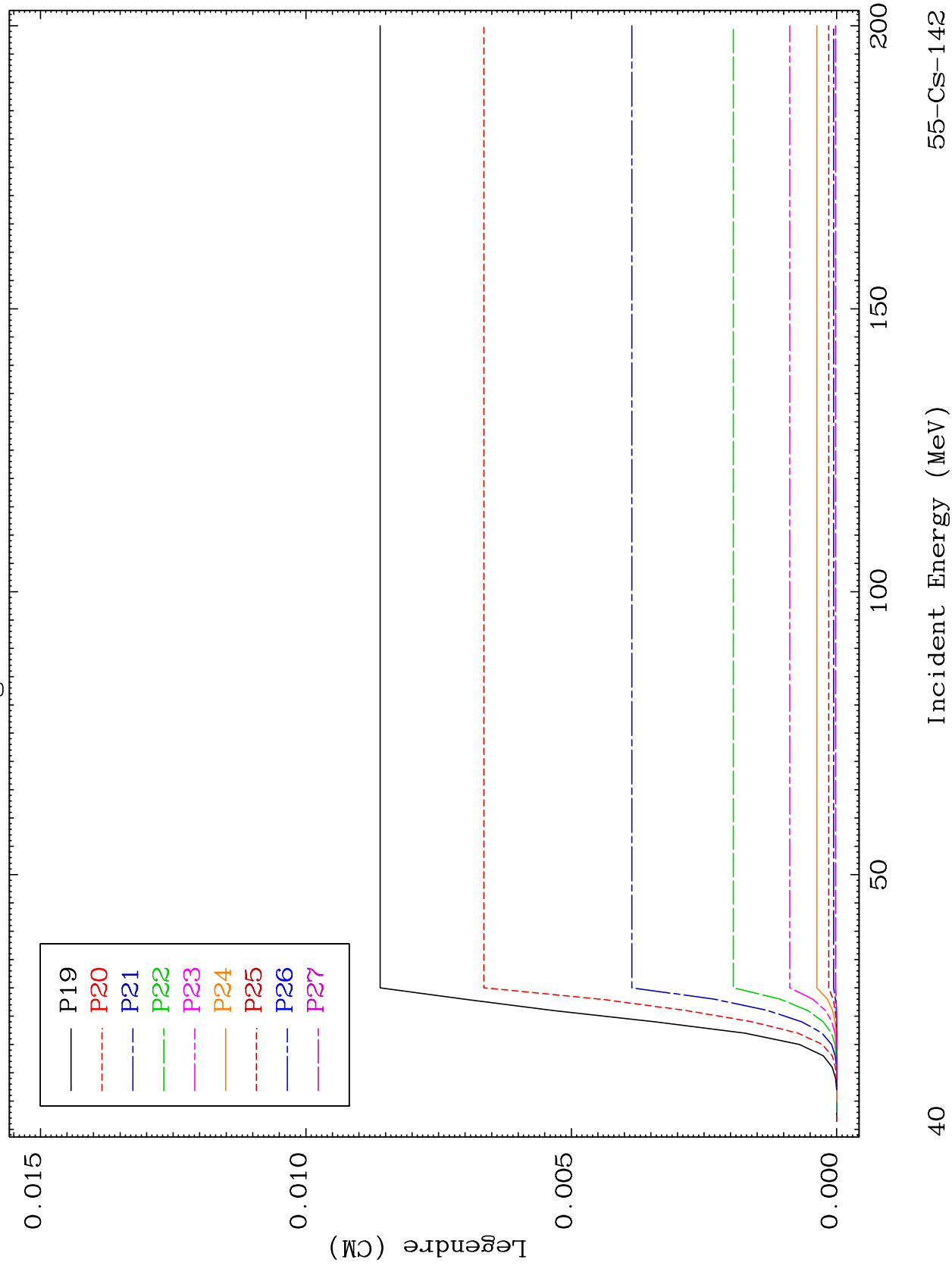
Incident Energy (MeV)

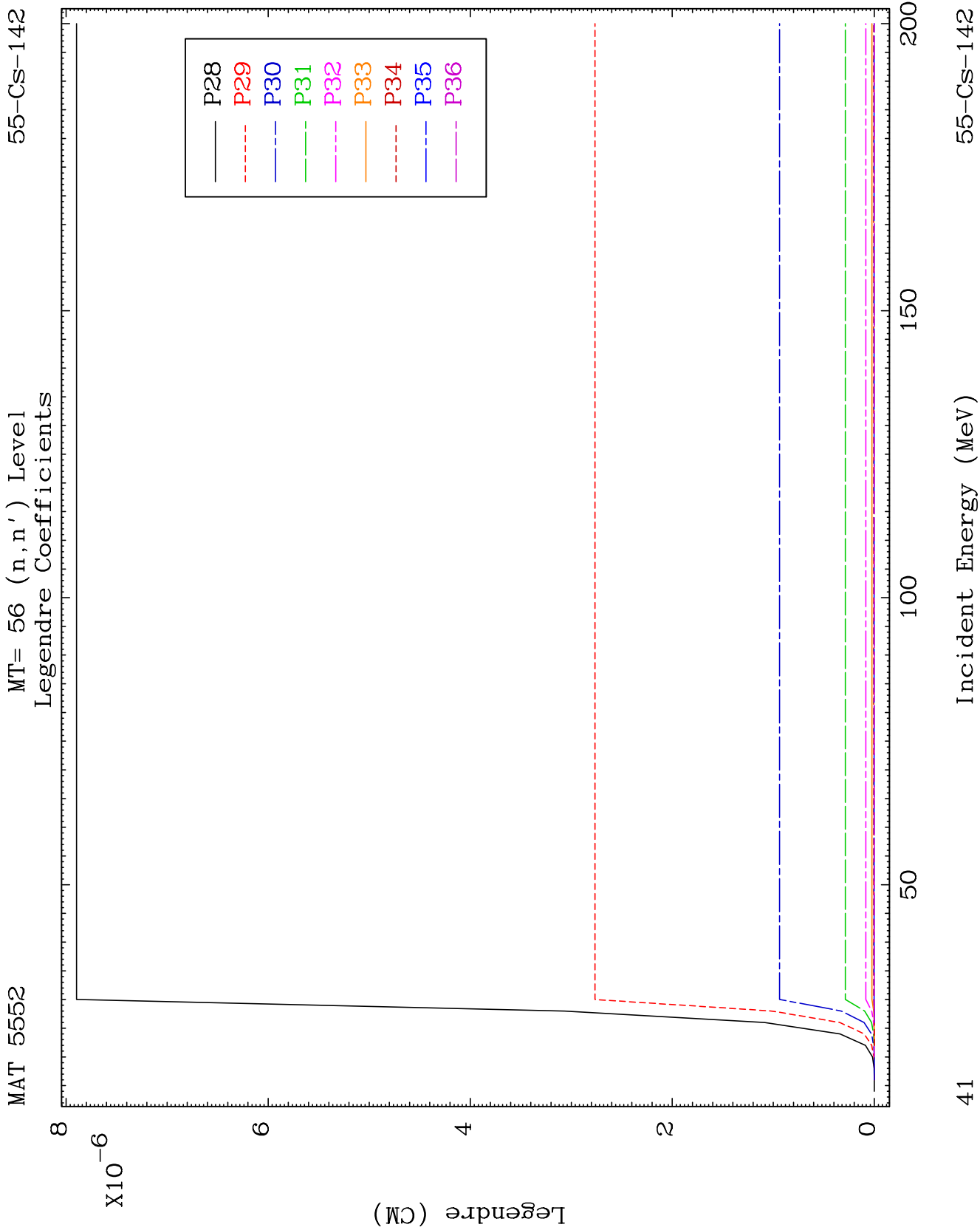
55-CS-142

MAT 5552

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

55-CS-142

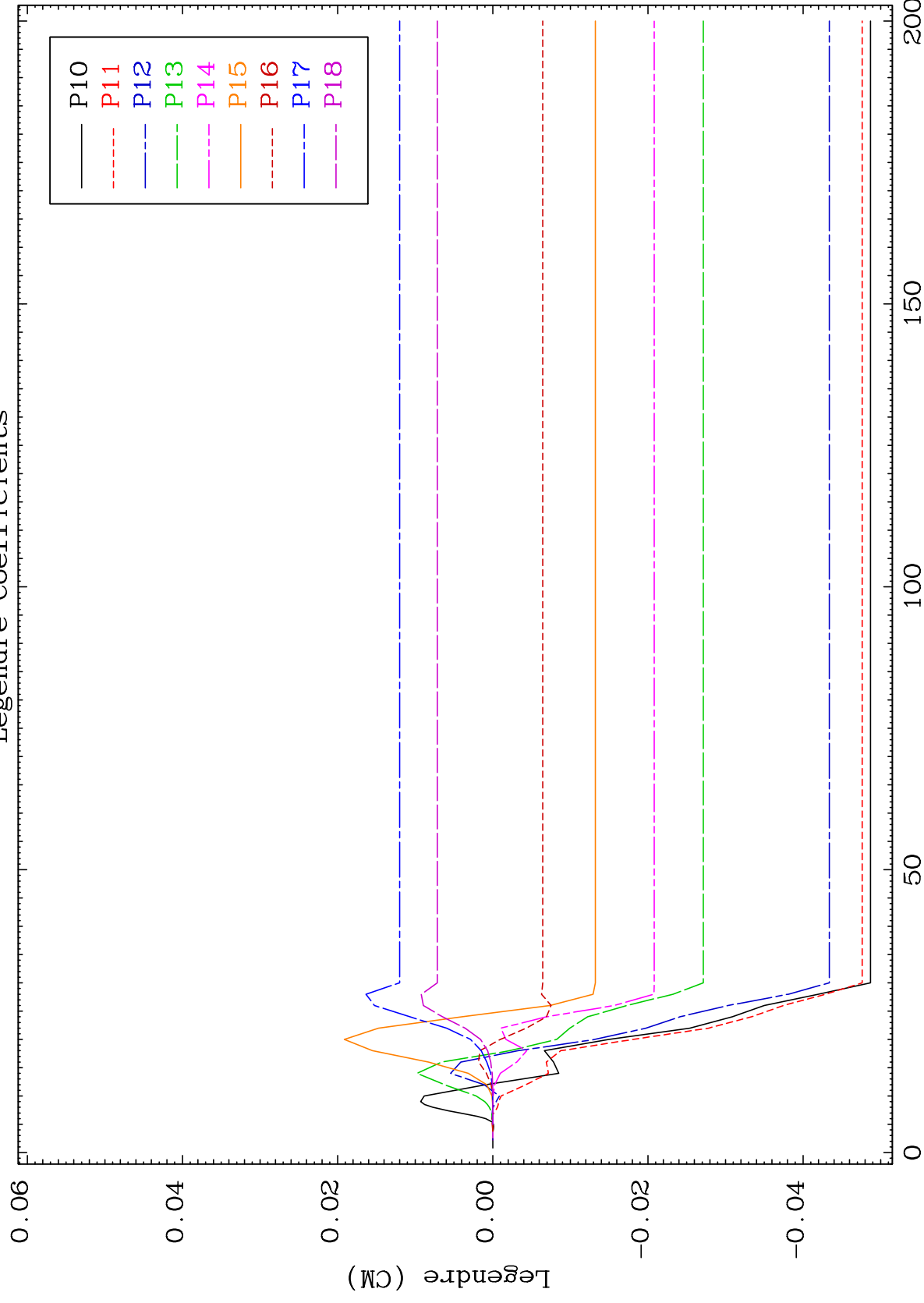




MAT 5552

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

55-CS-142



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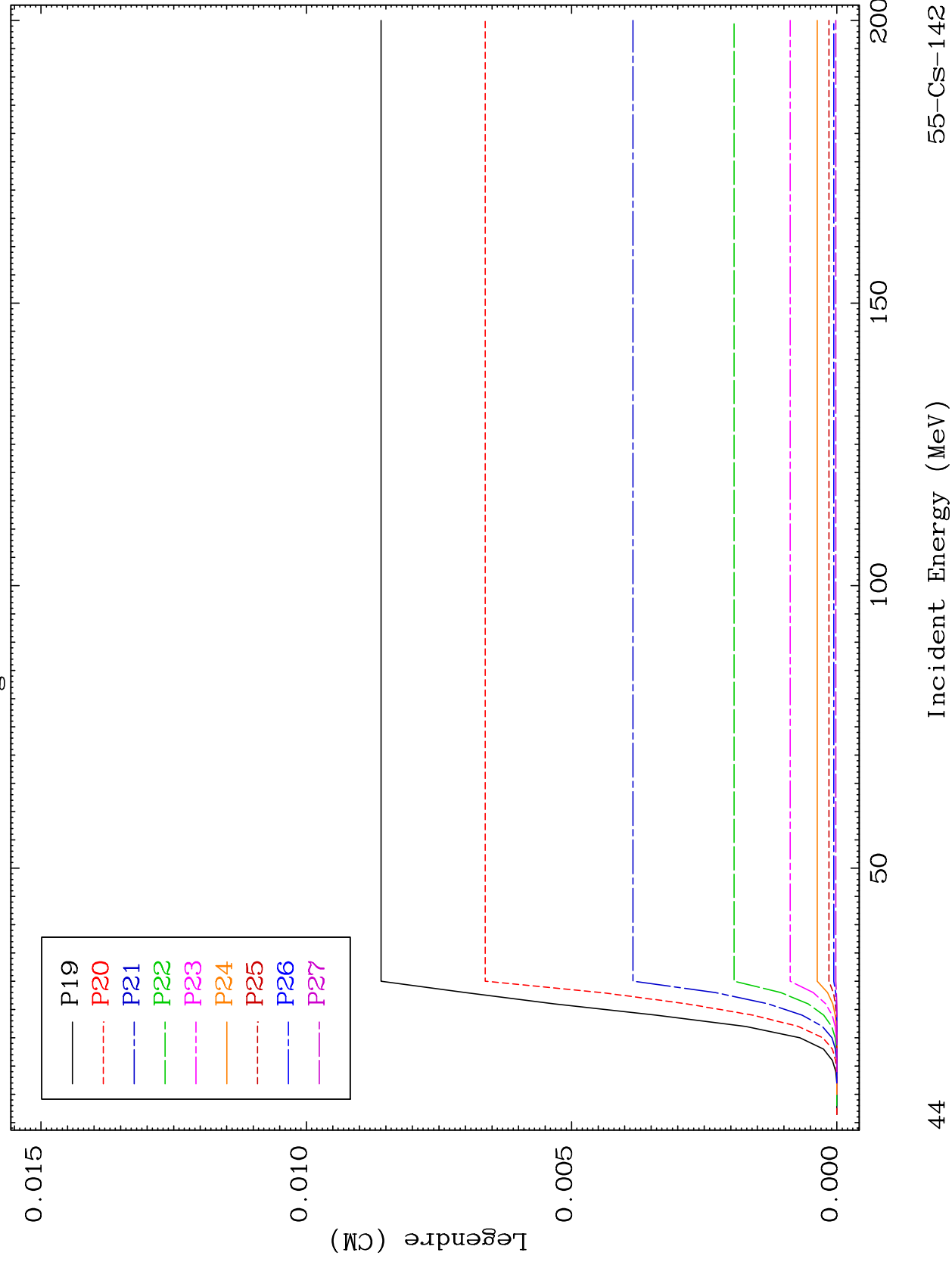
Incident Energy (MeV)

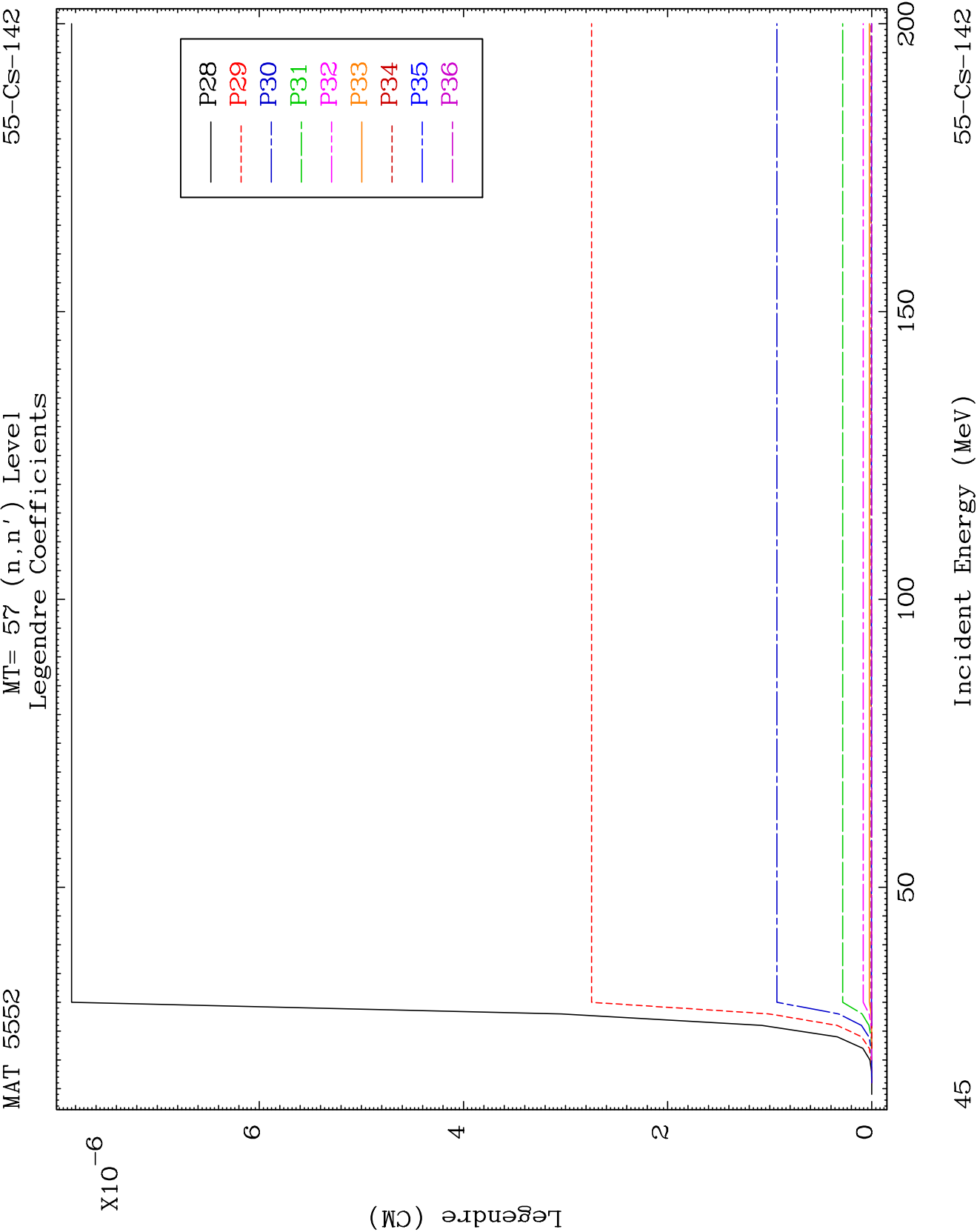
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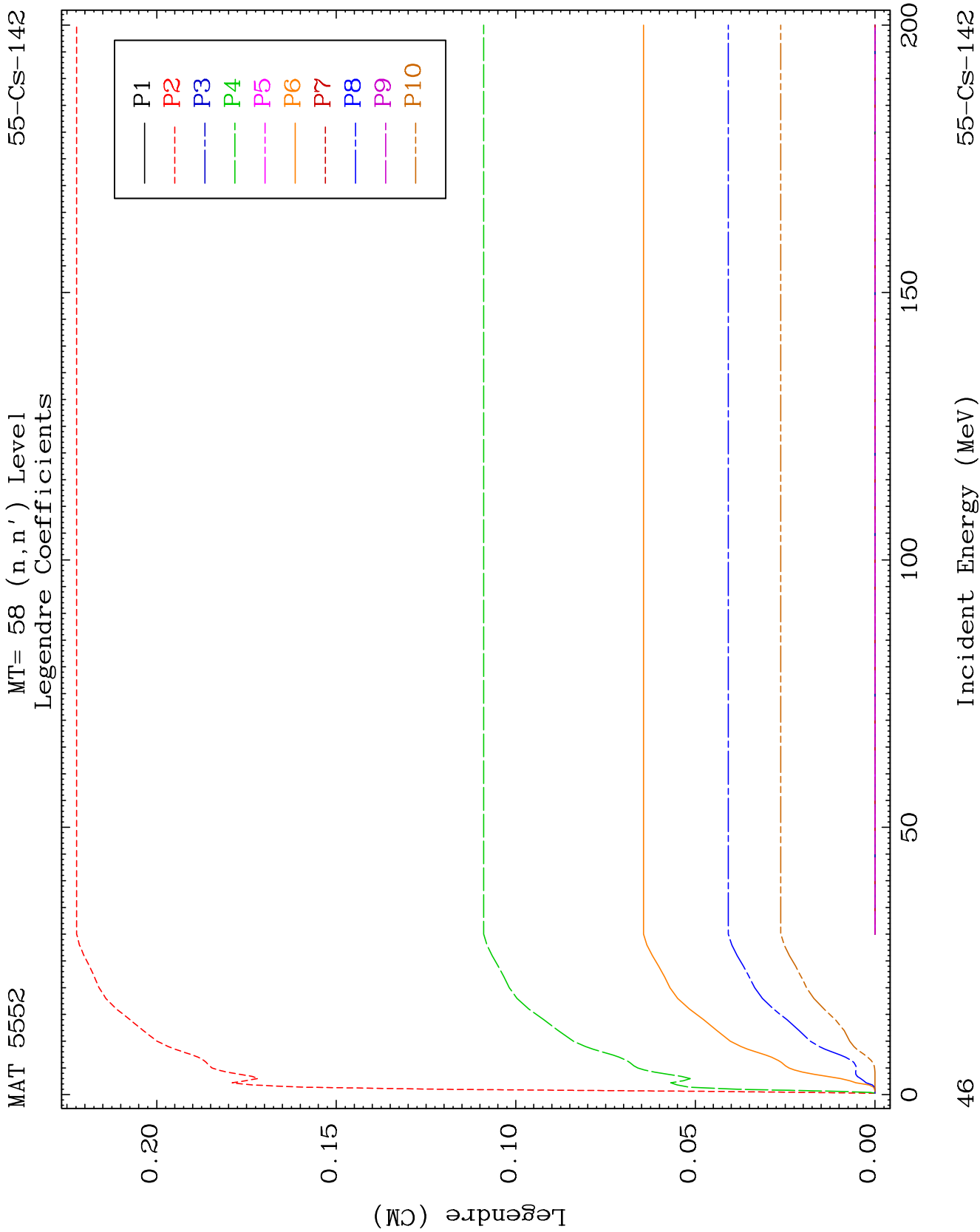
MAT 5552

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

55-CS-142





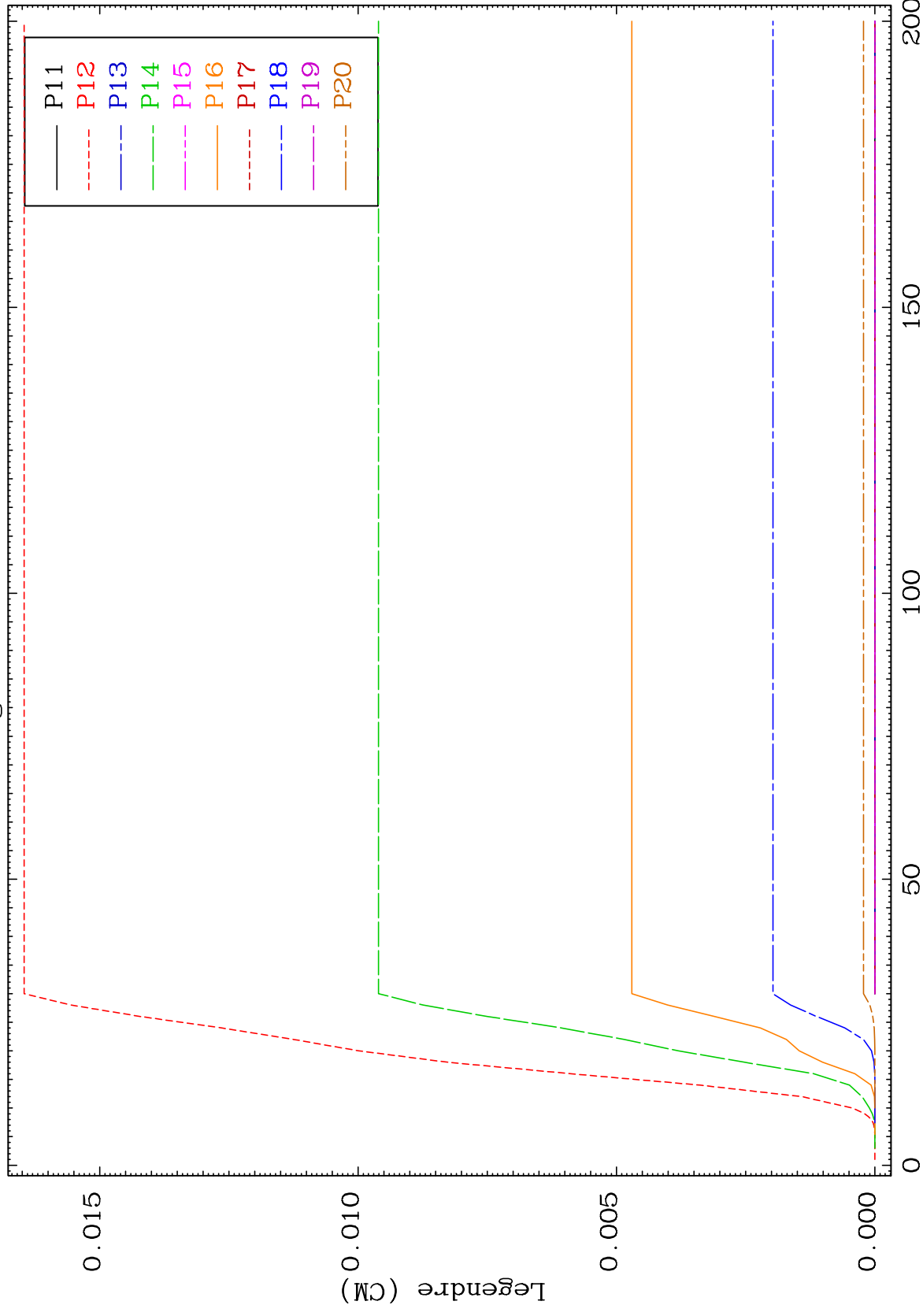


MAT 5552

MT= 58 (n, n') Level

Legendre Coefficients

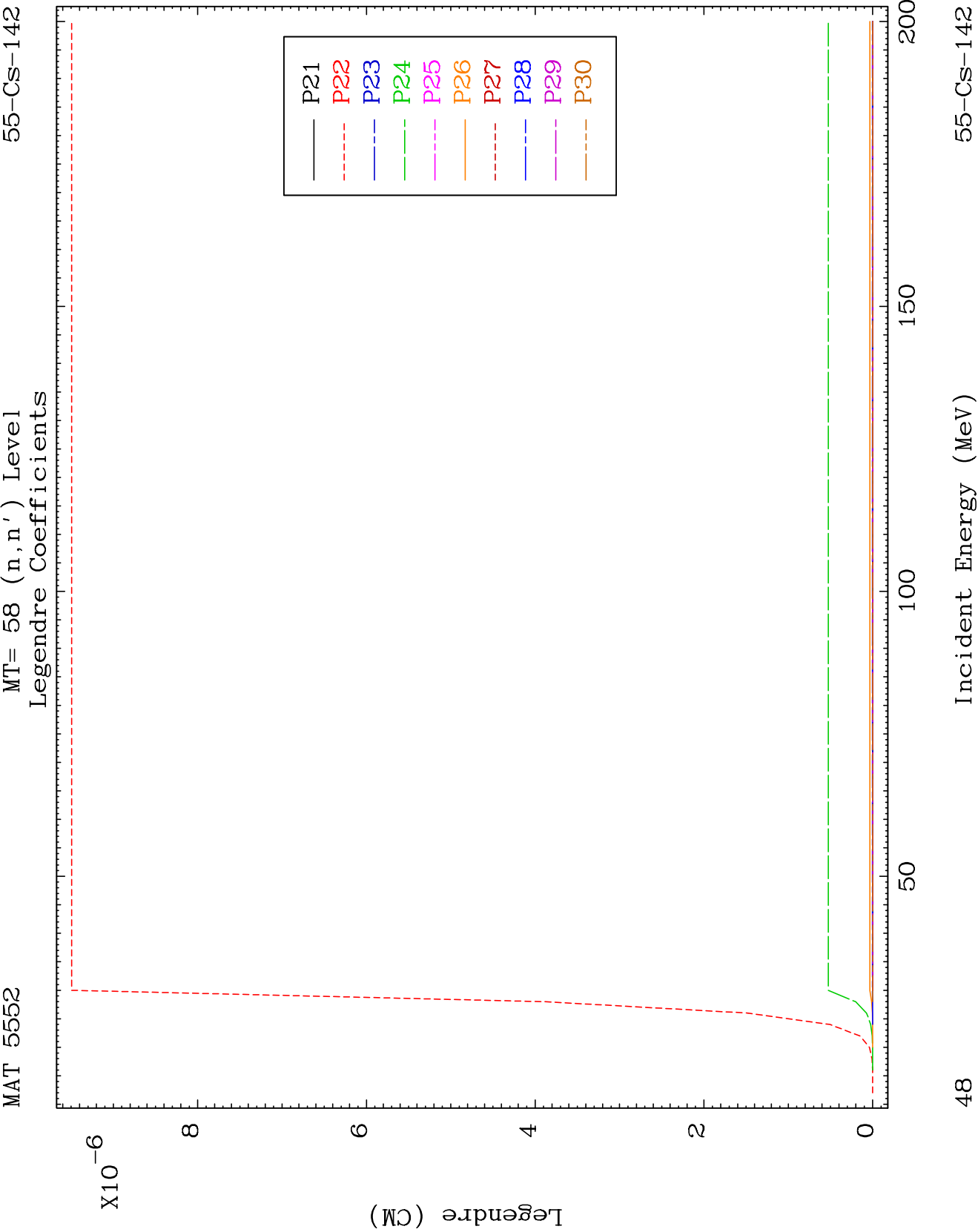
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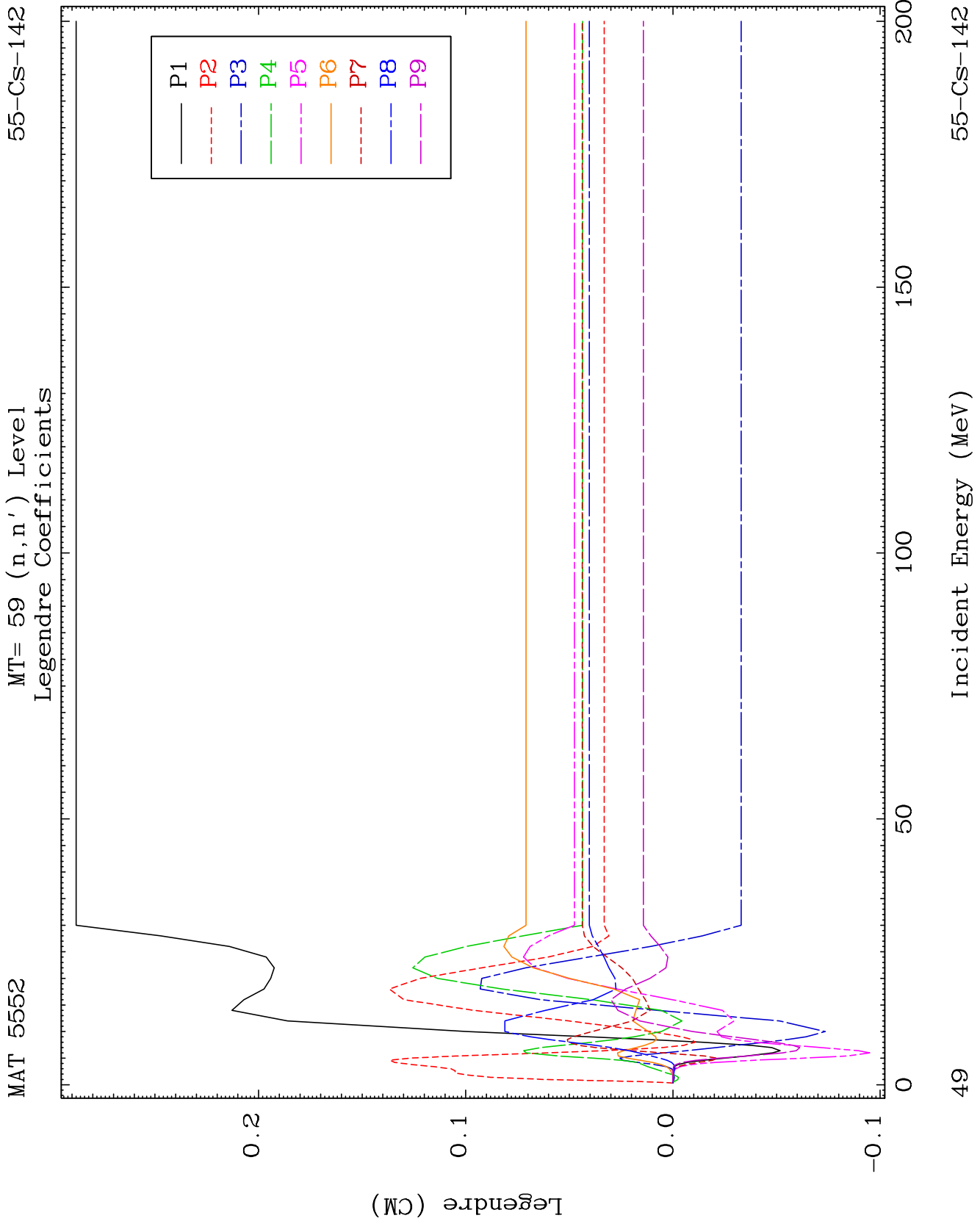


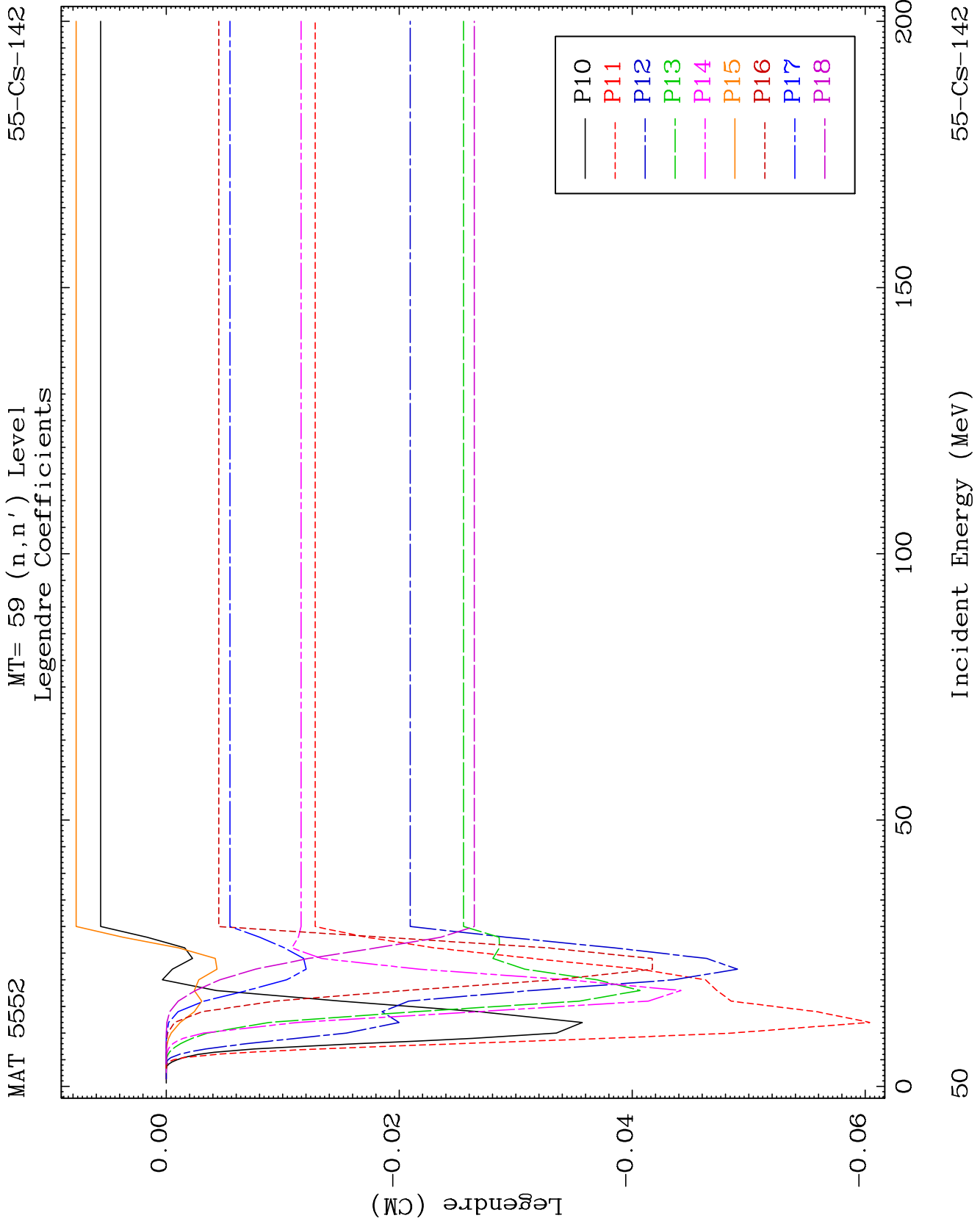
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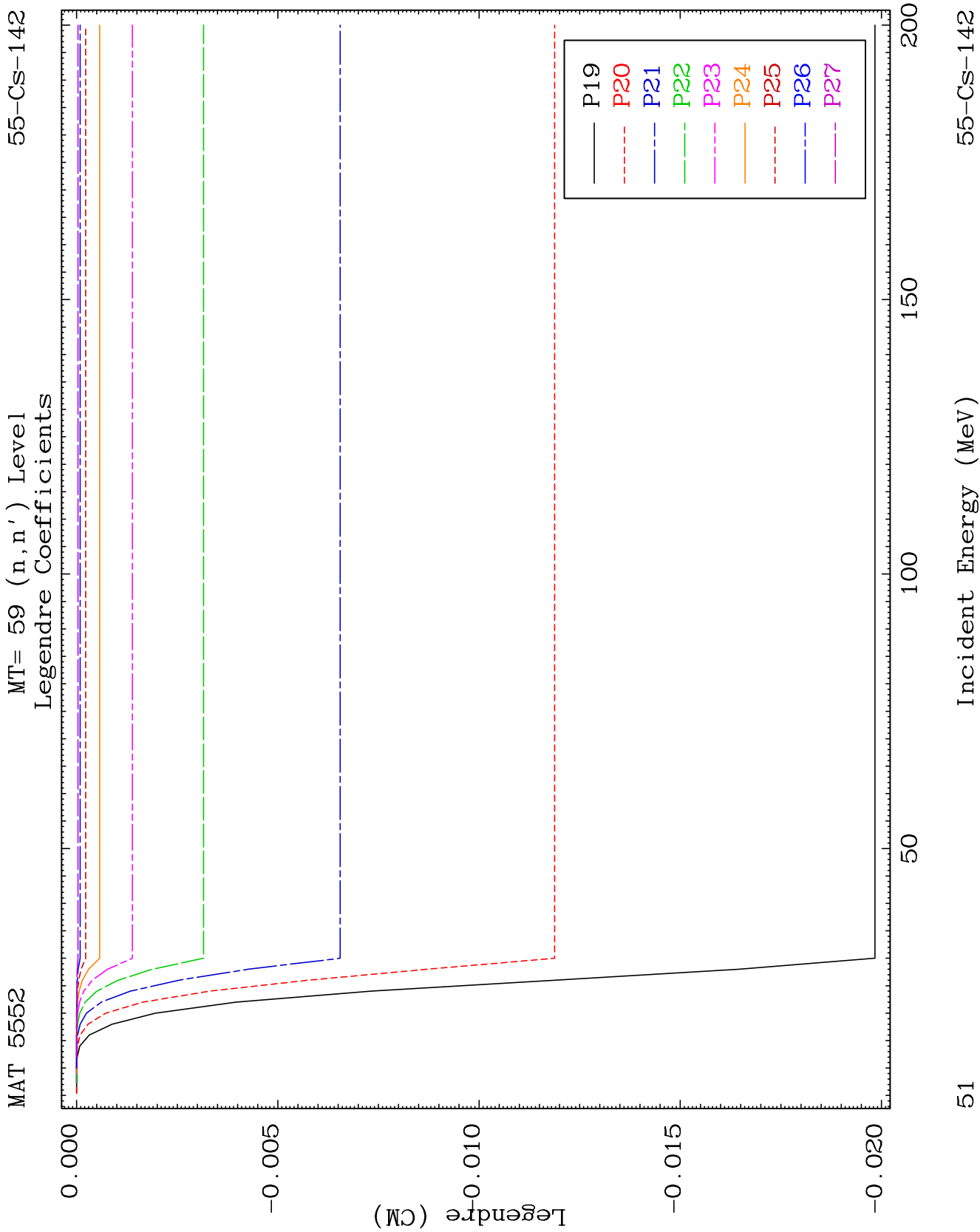
Incident Energy (MeV)

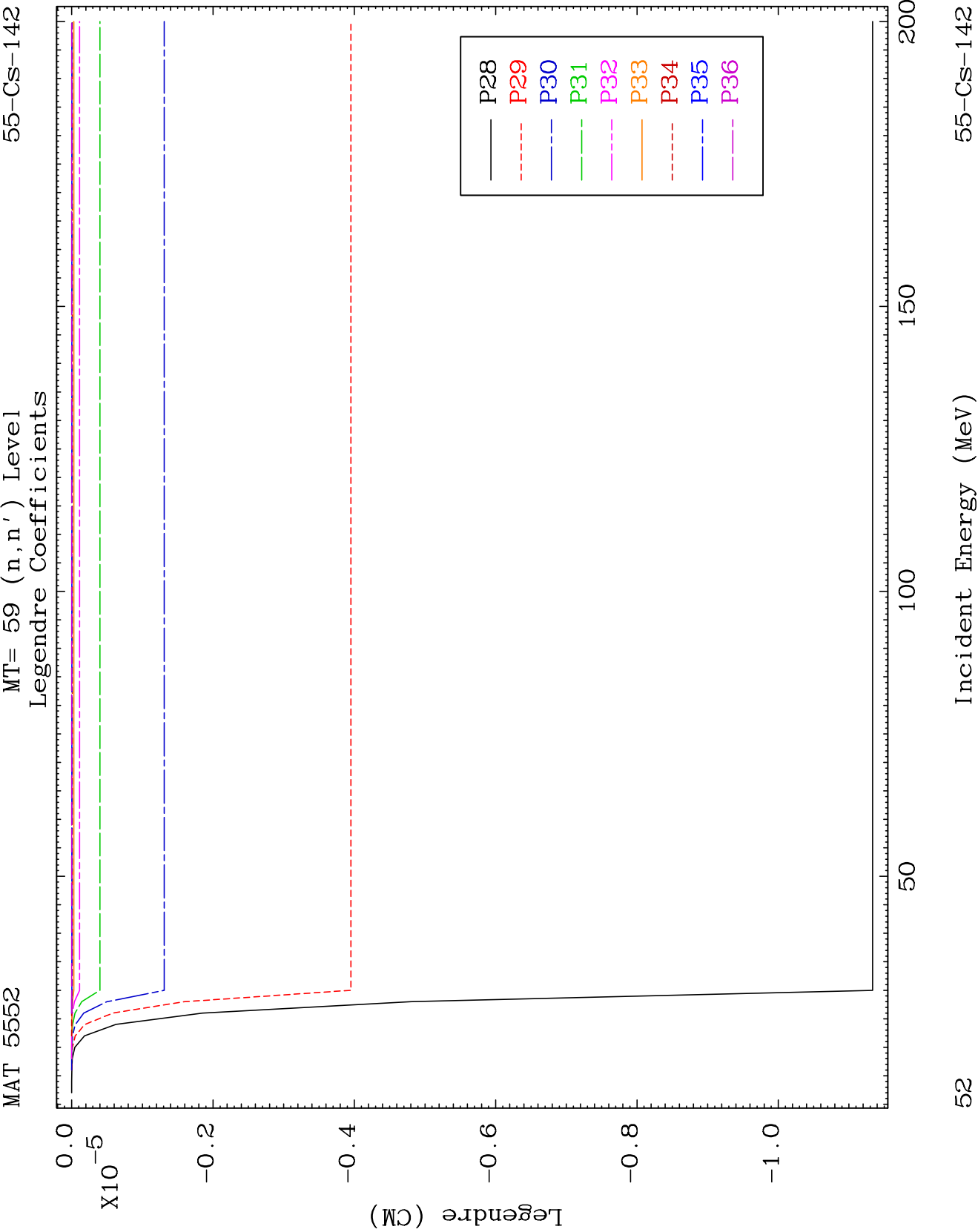
55-CS-142

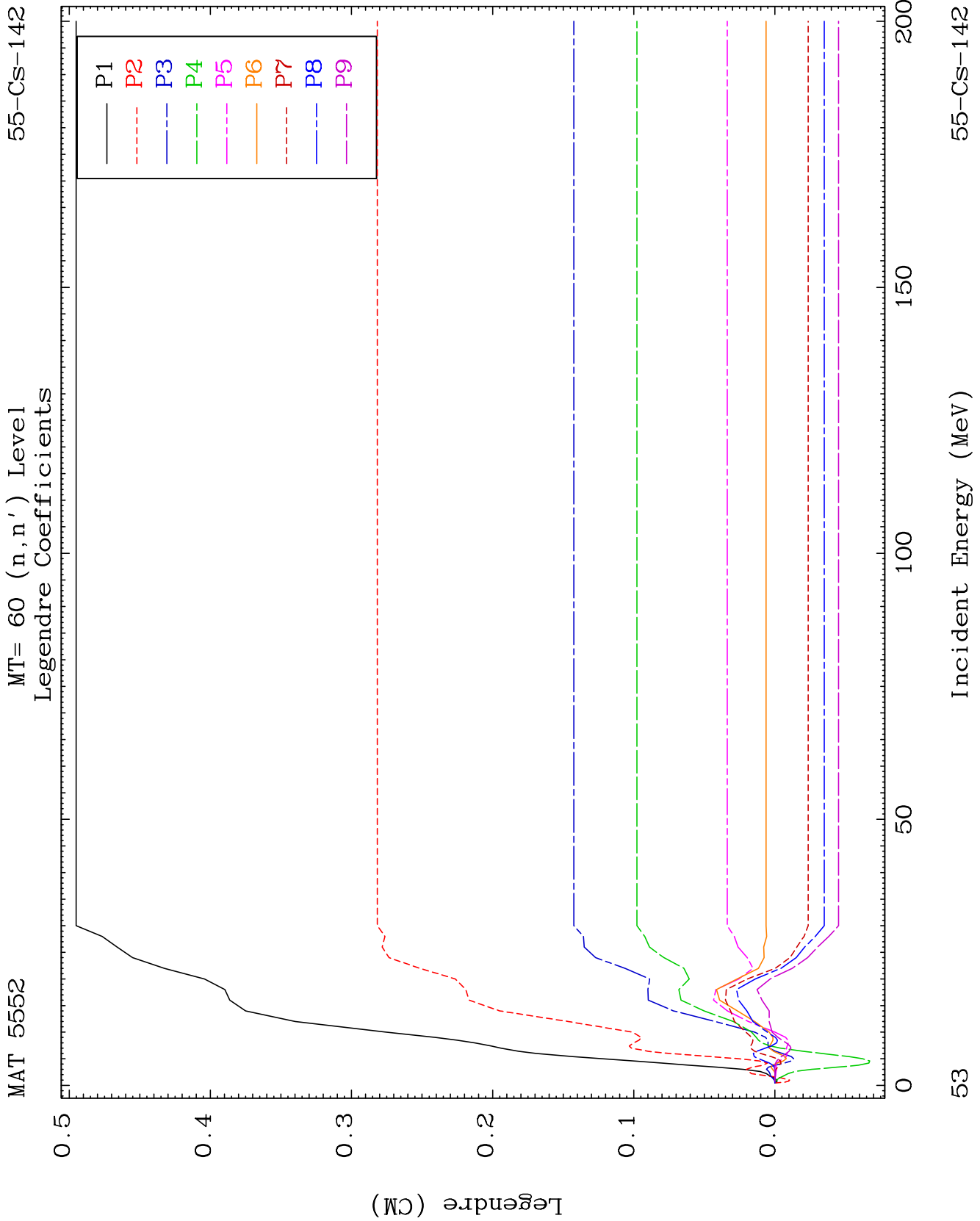


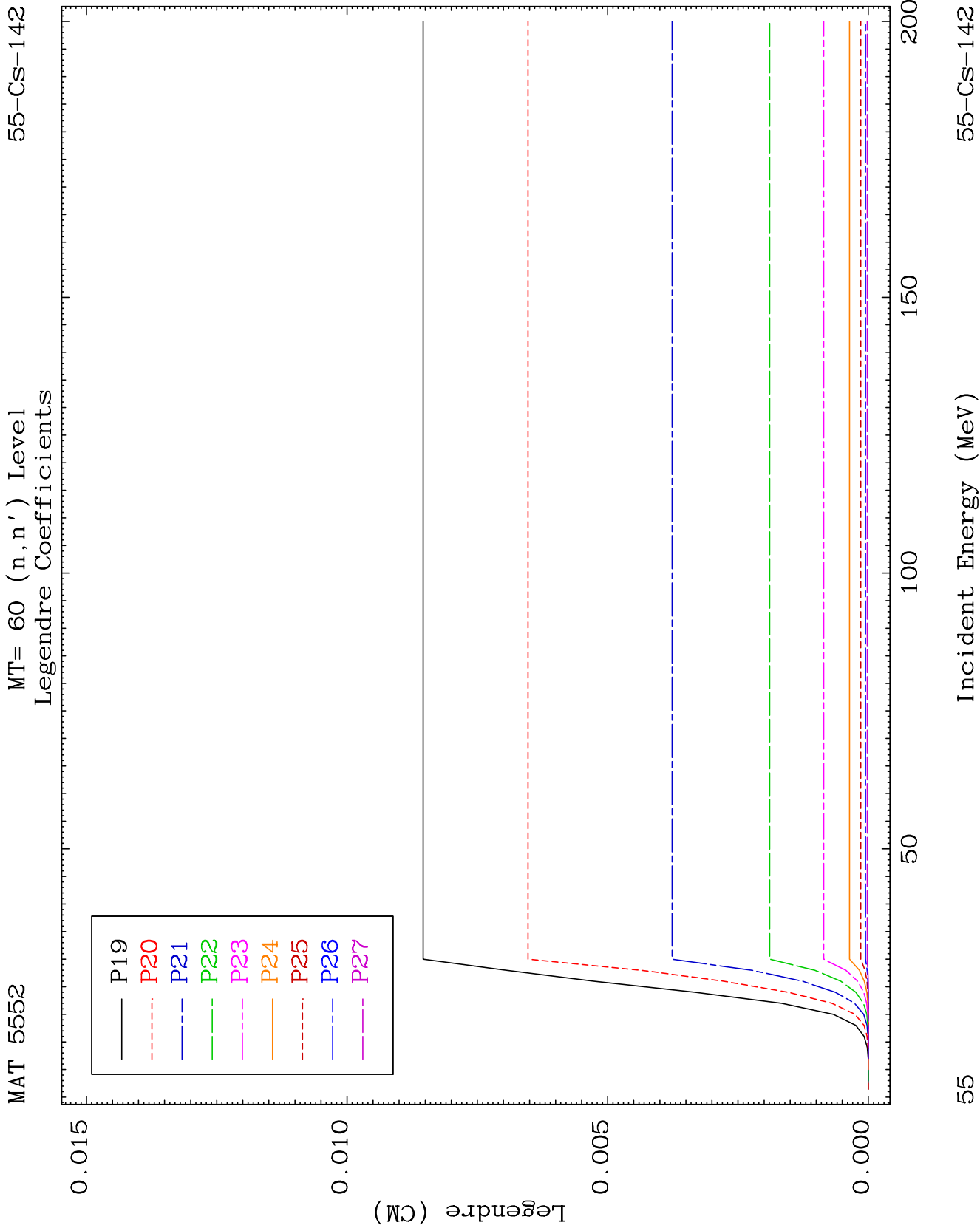


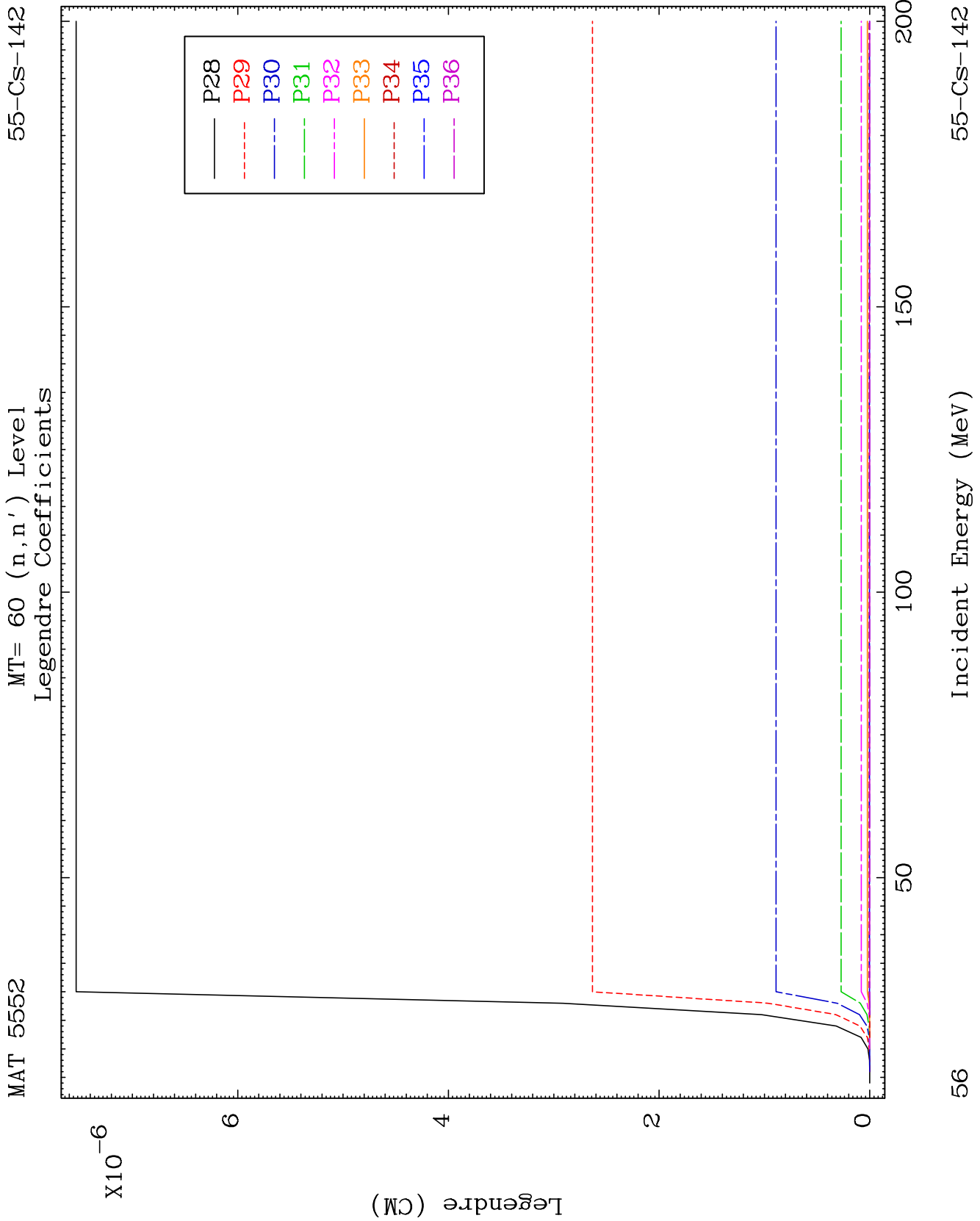


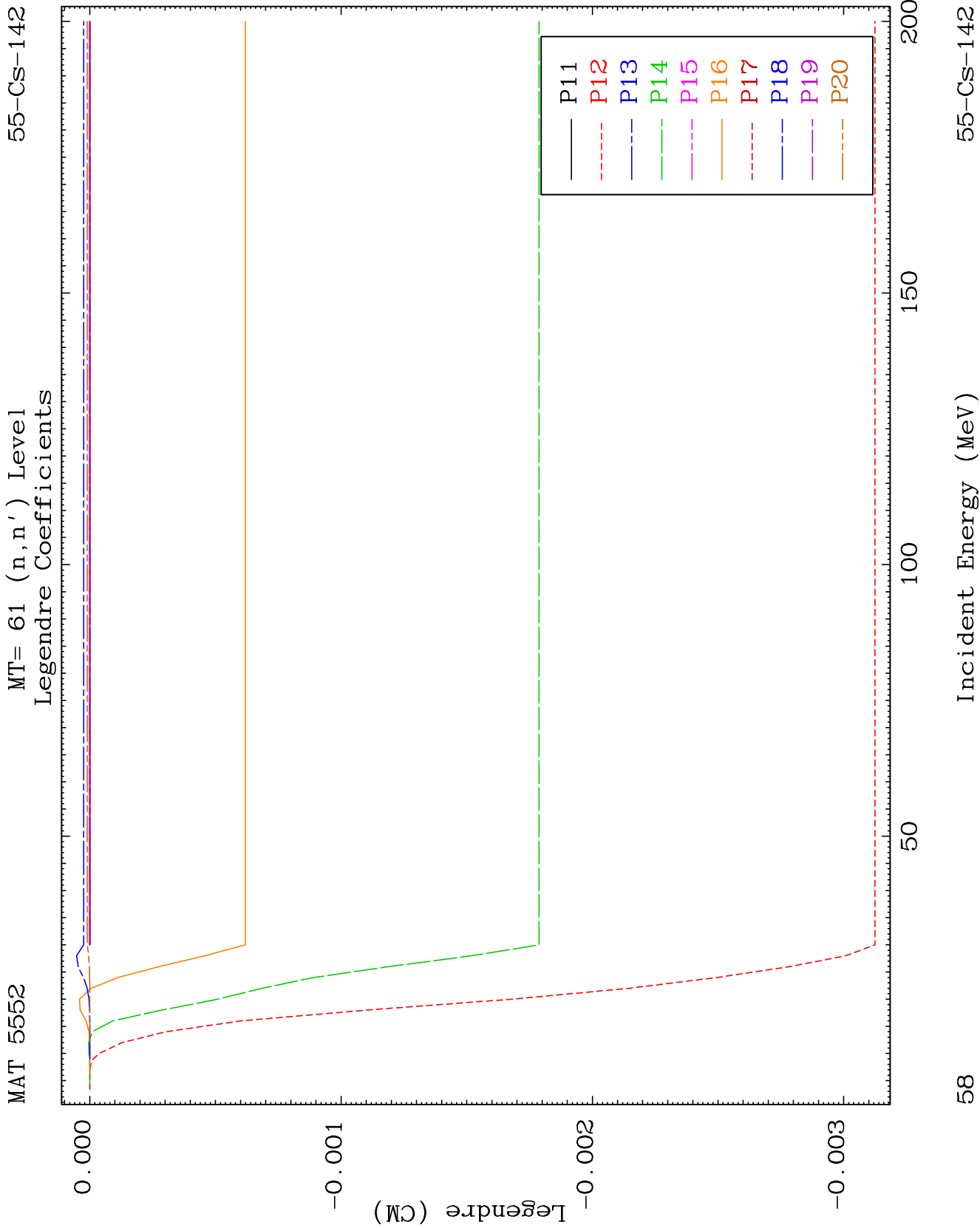


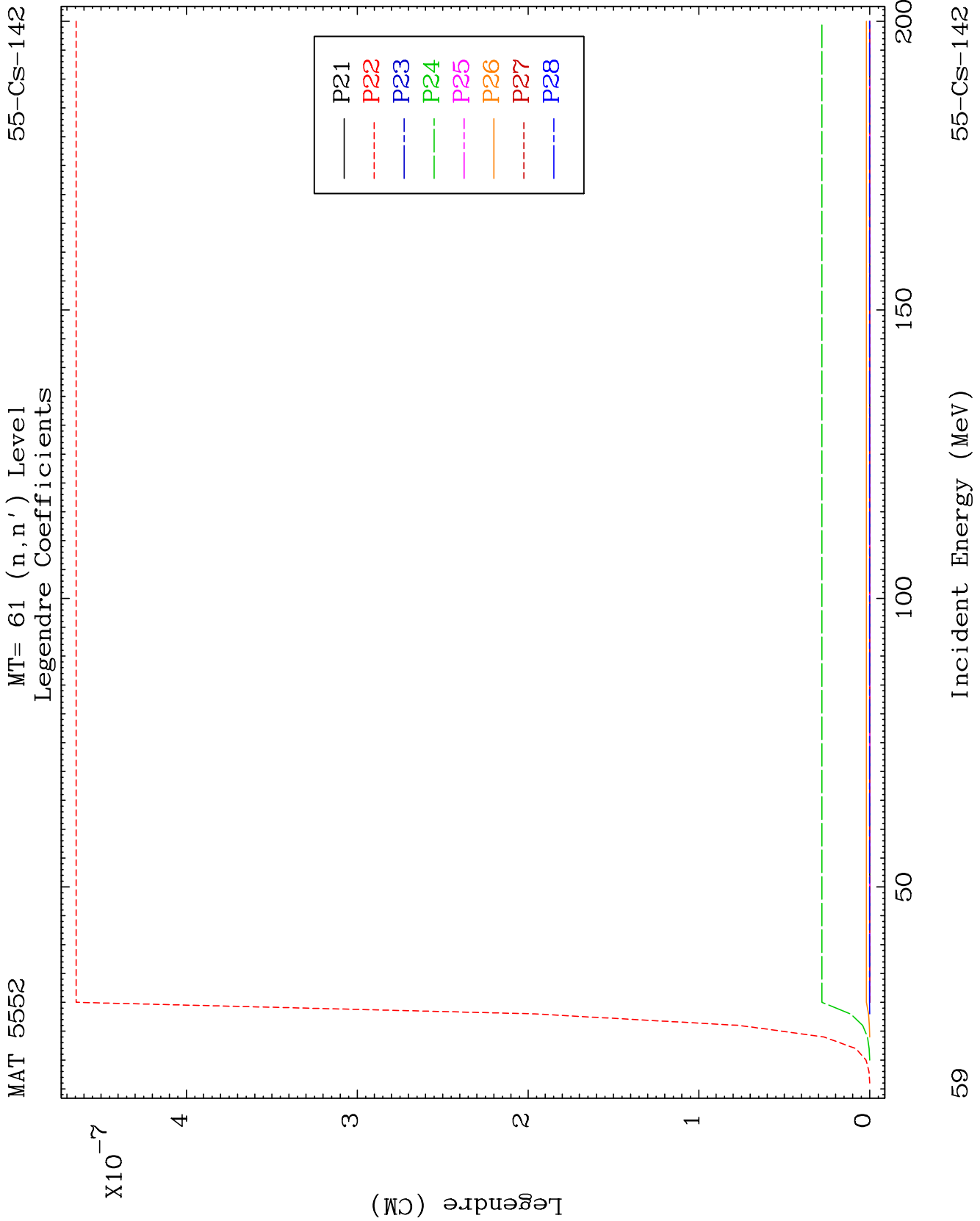


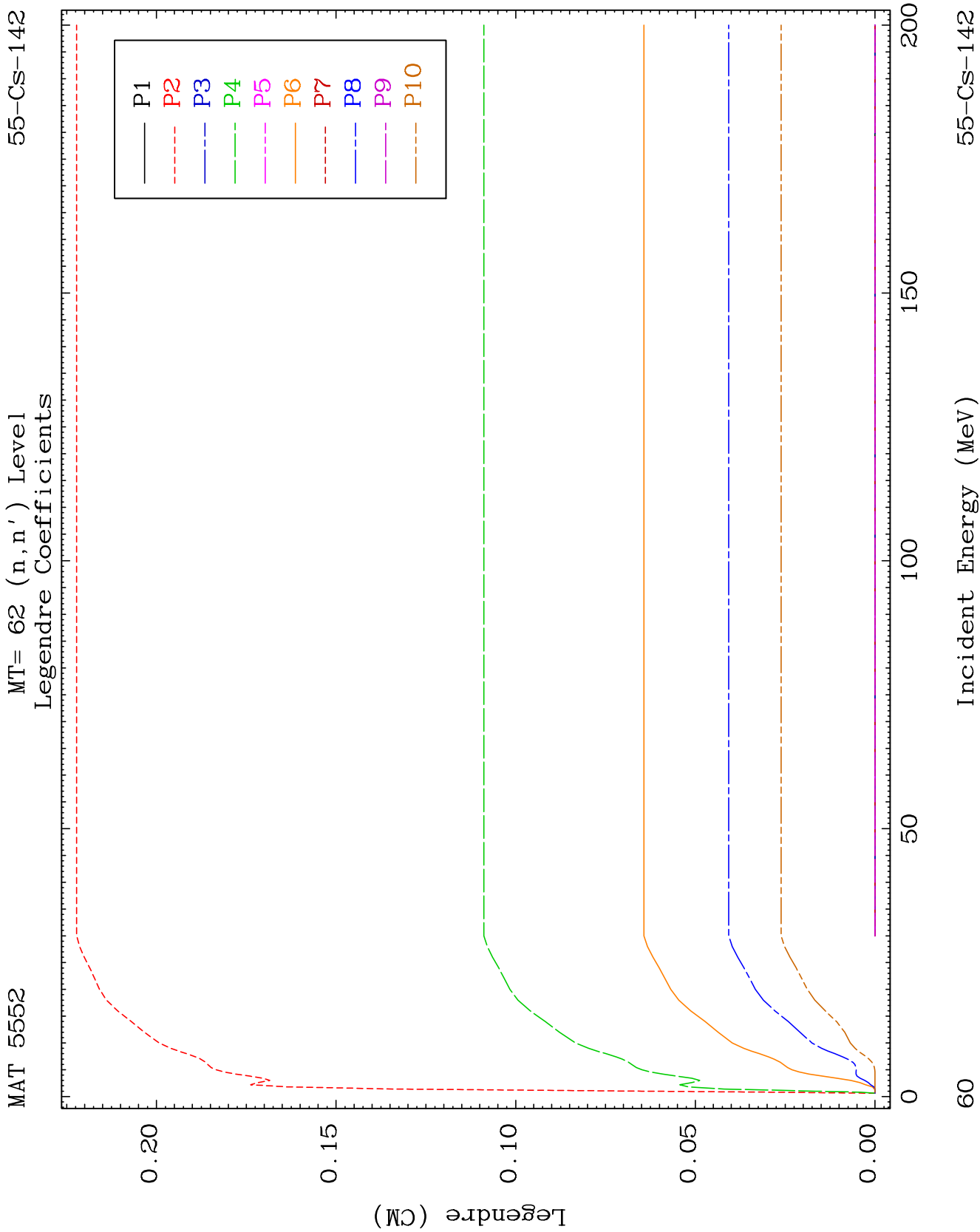


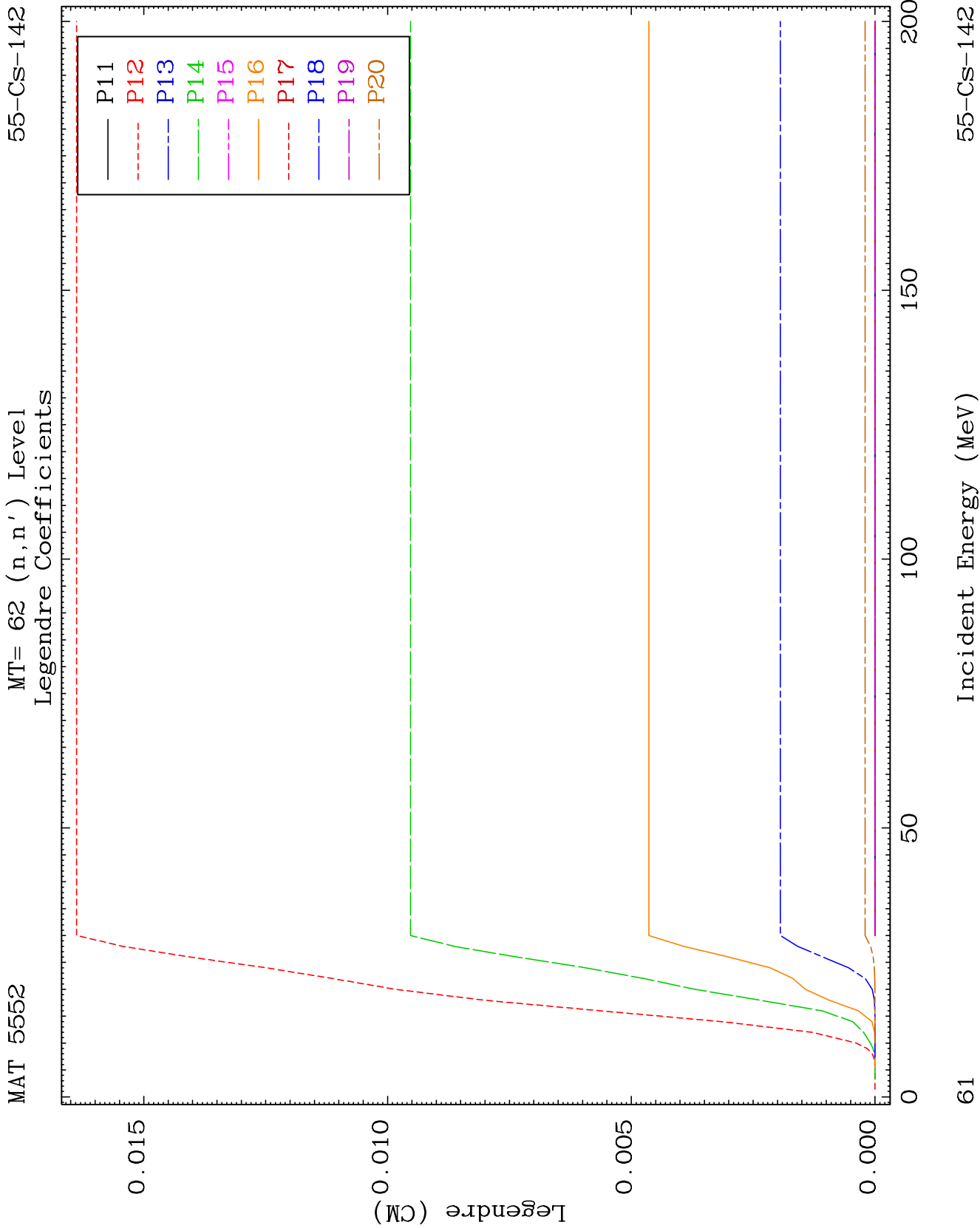








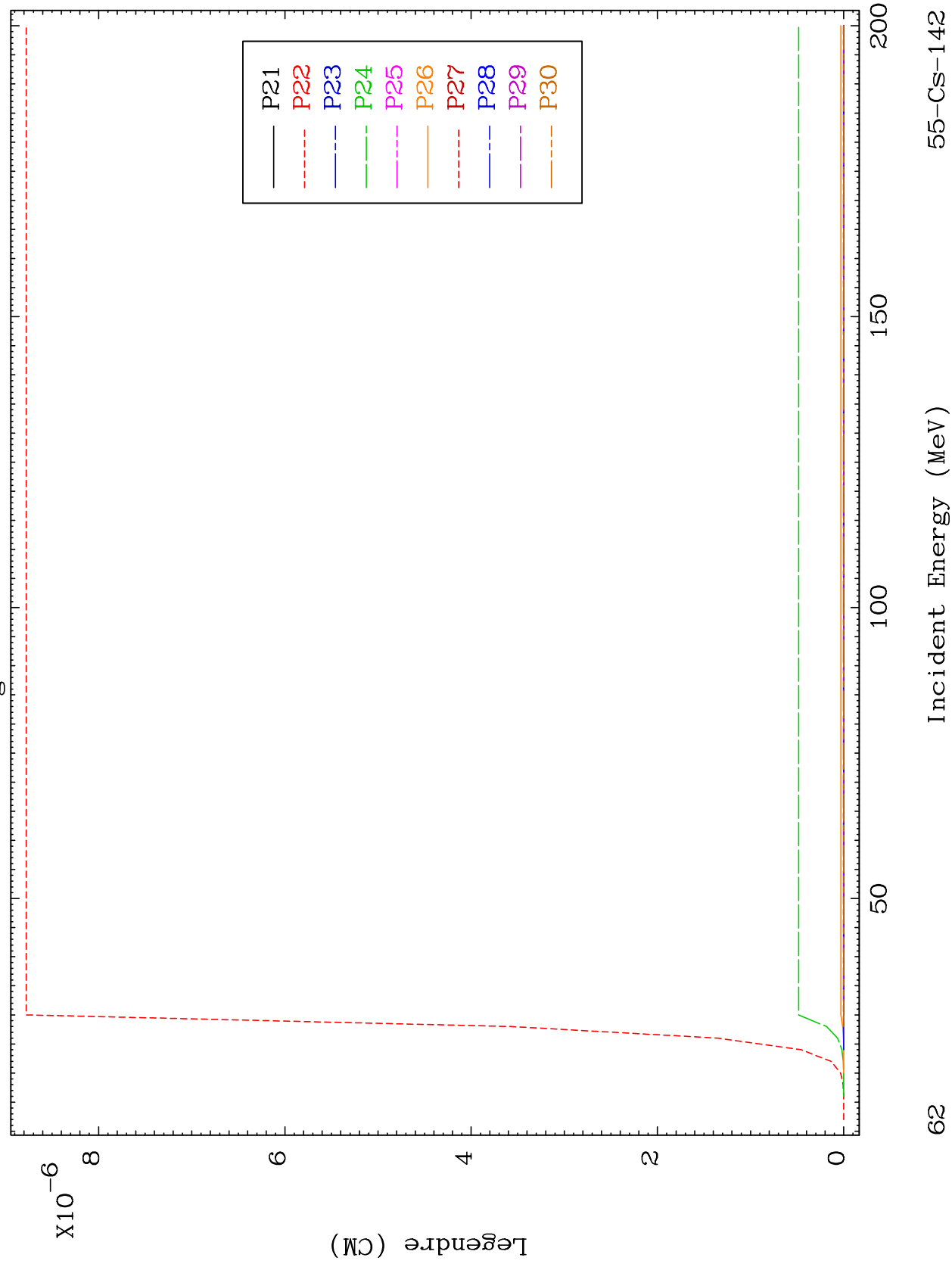


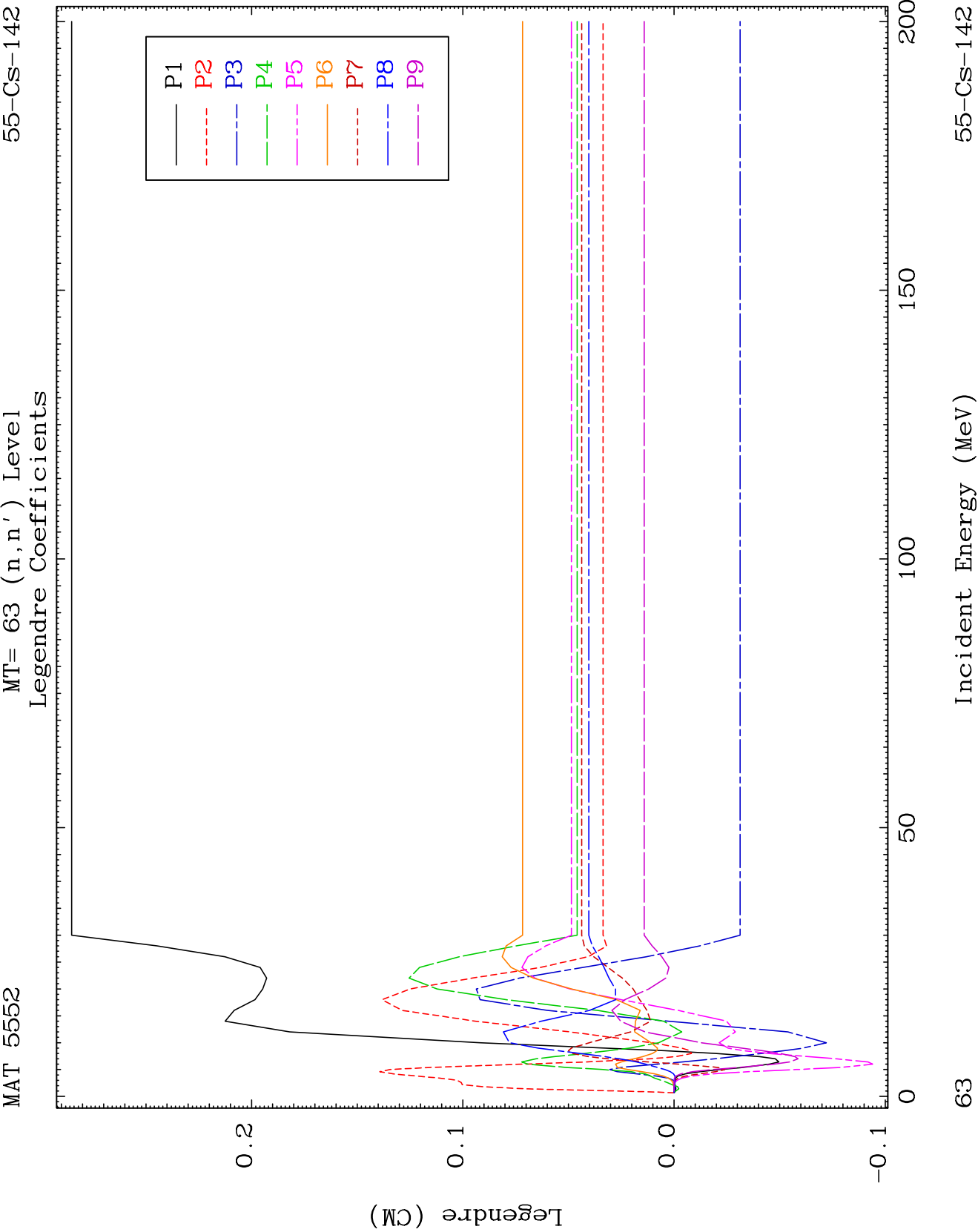


MAT 5552

MT= 62 (n, n') Level
Legendre Coefficients

55-CS-142

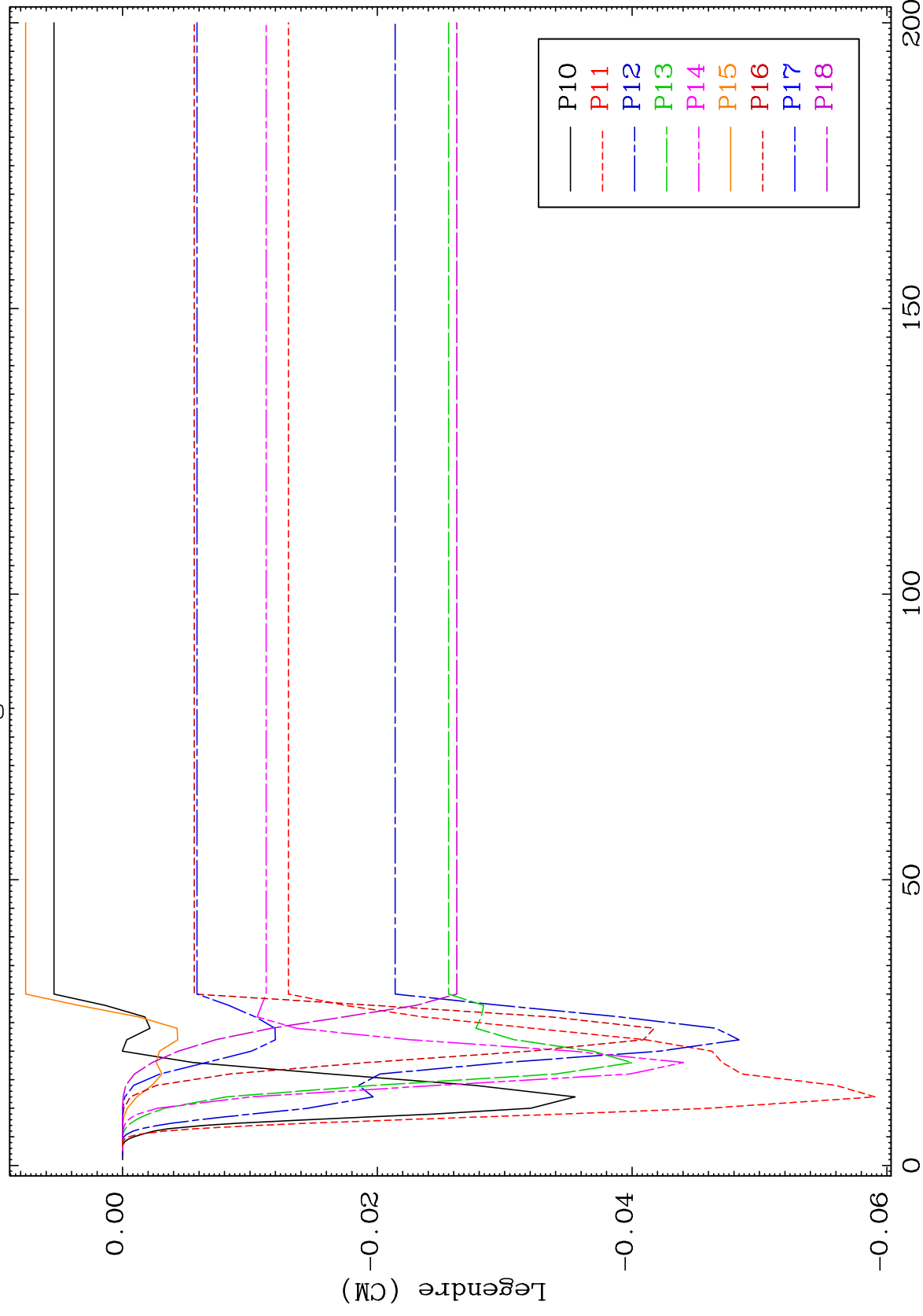




MAT 5552

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

55-CS-142



64

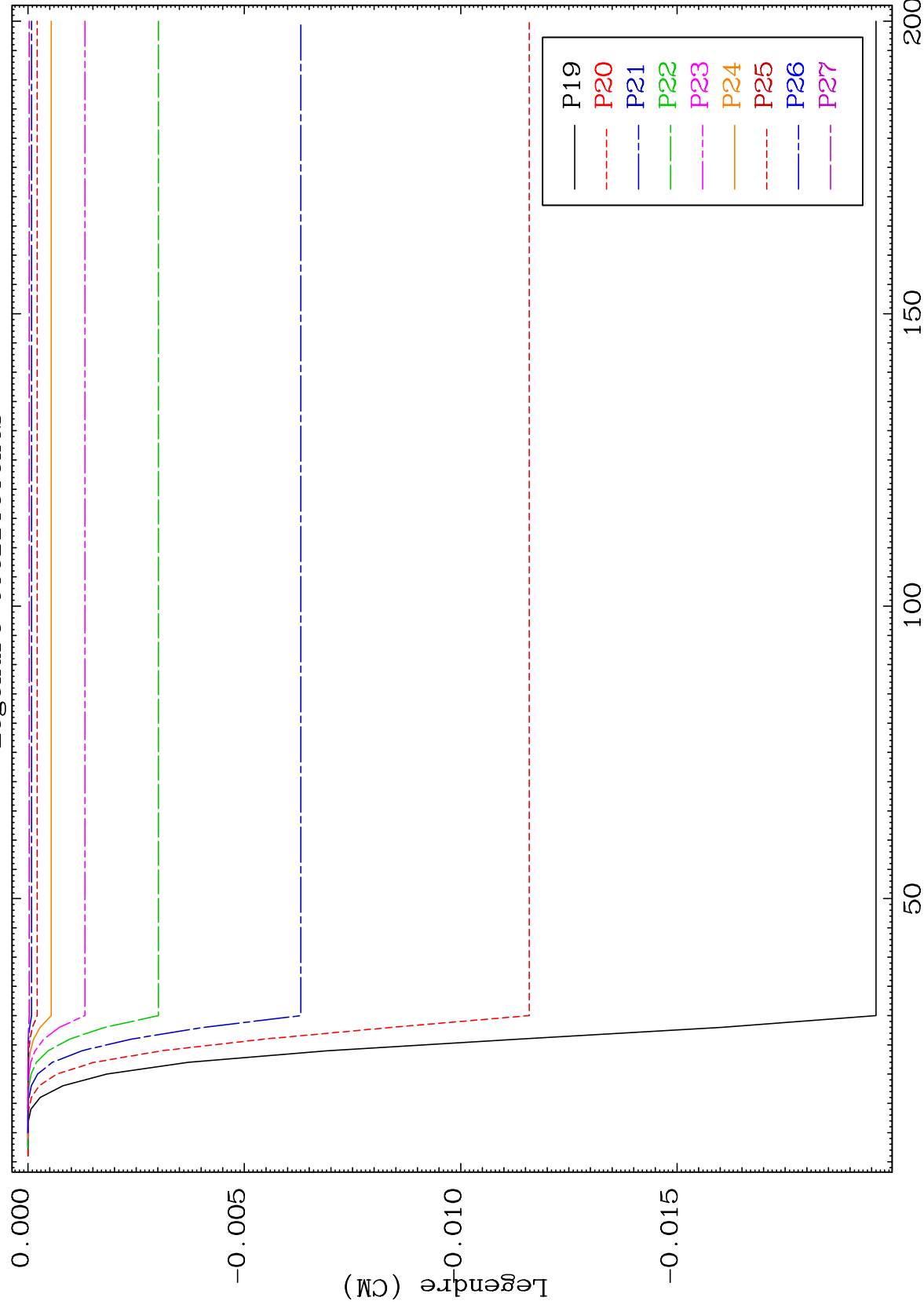
Incident Energy (MeV)

55-CS-142

MAT 5552

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

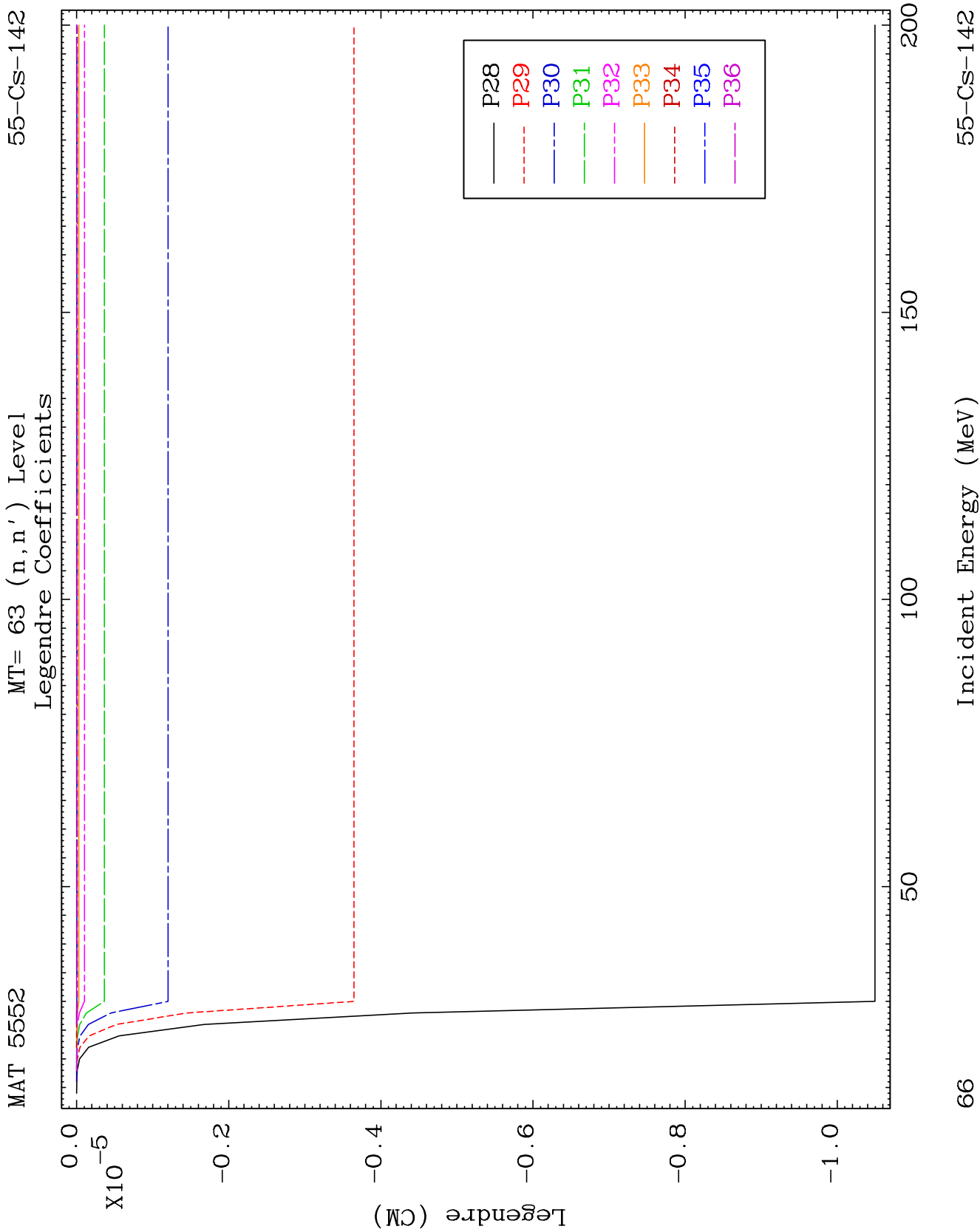
55-CS-142



59

Incident Energy (MeV)

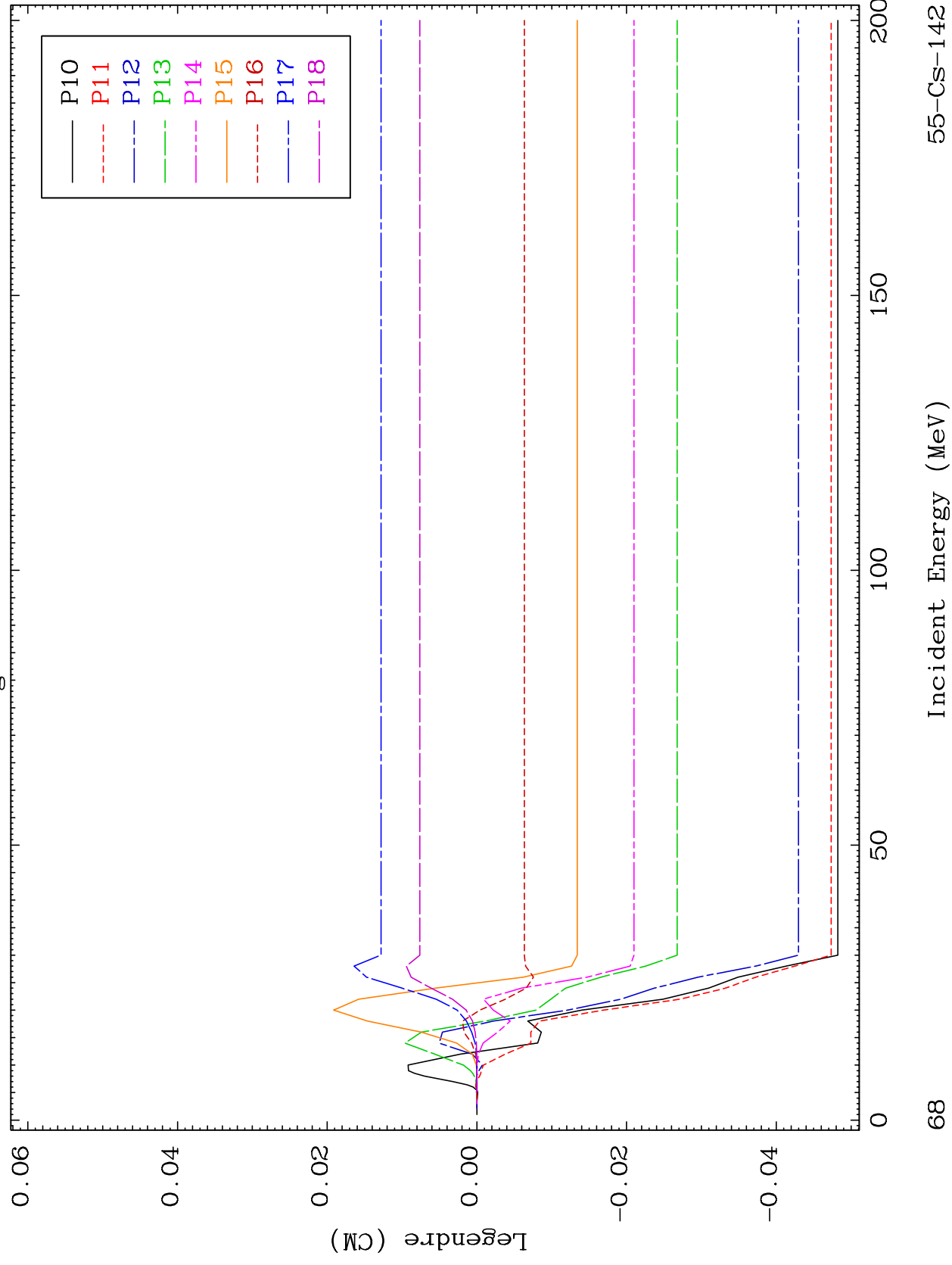
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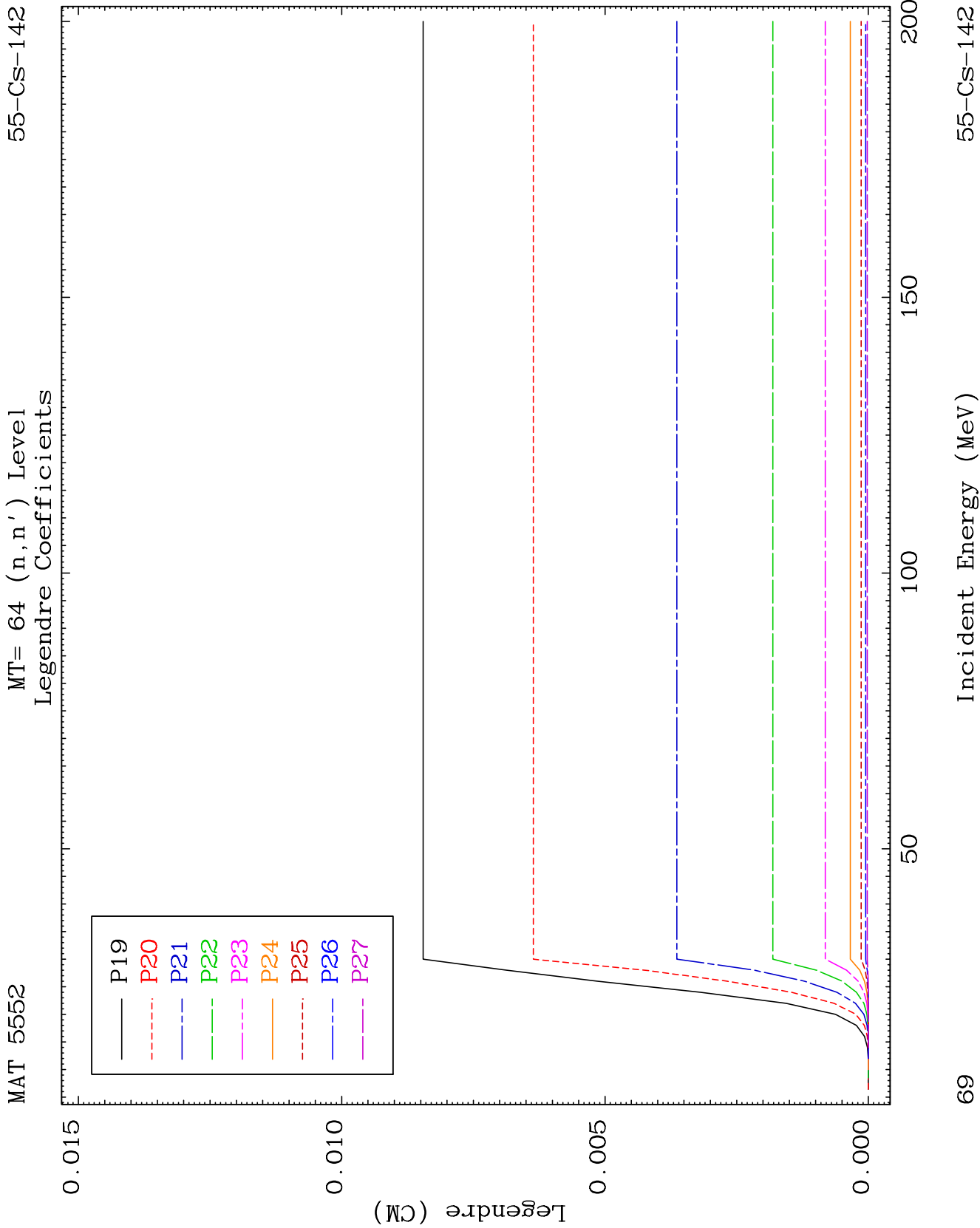


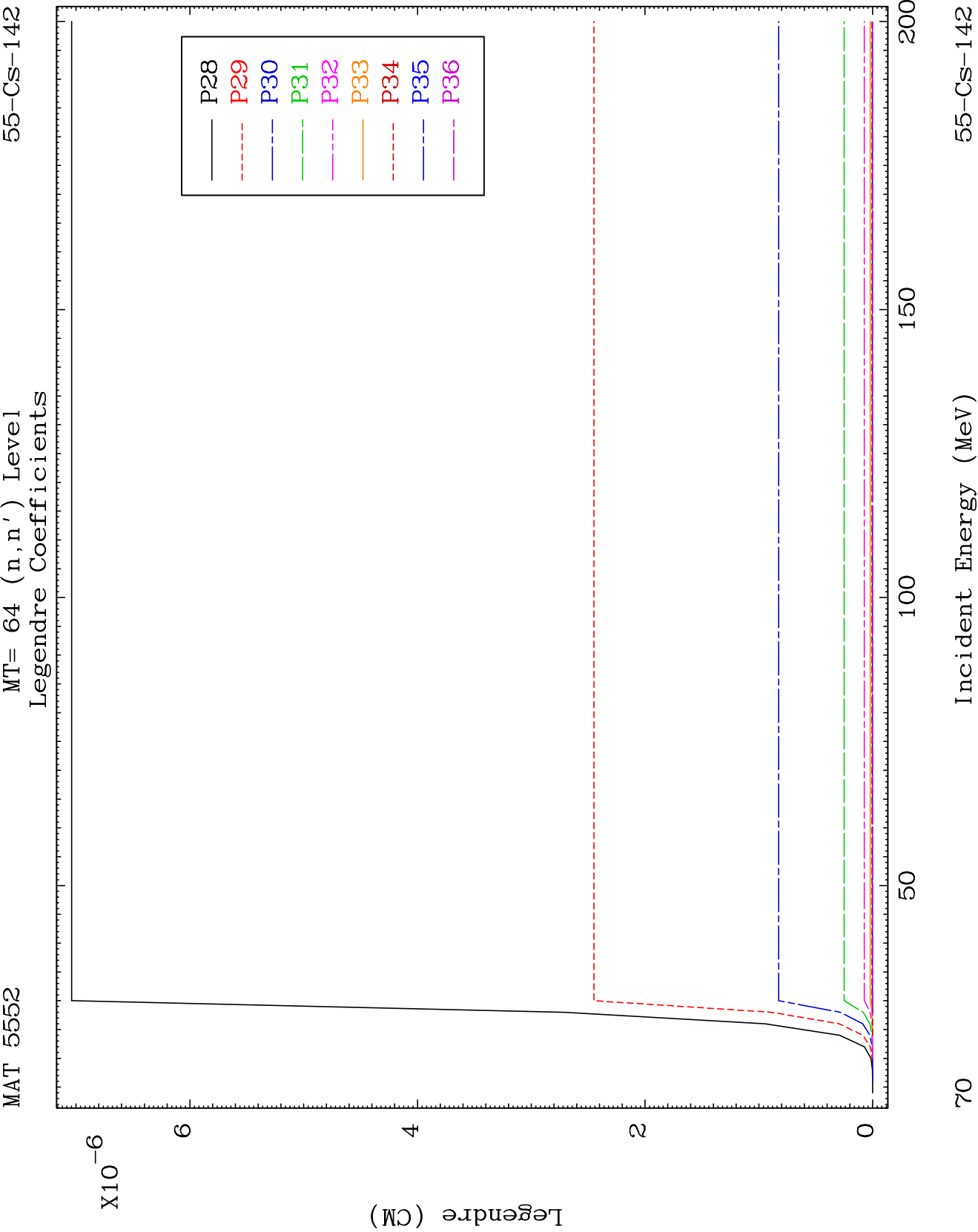
MAT 5552

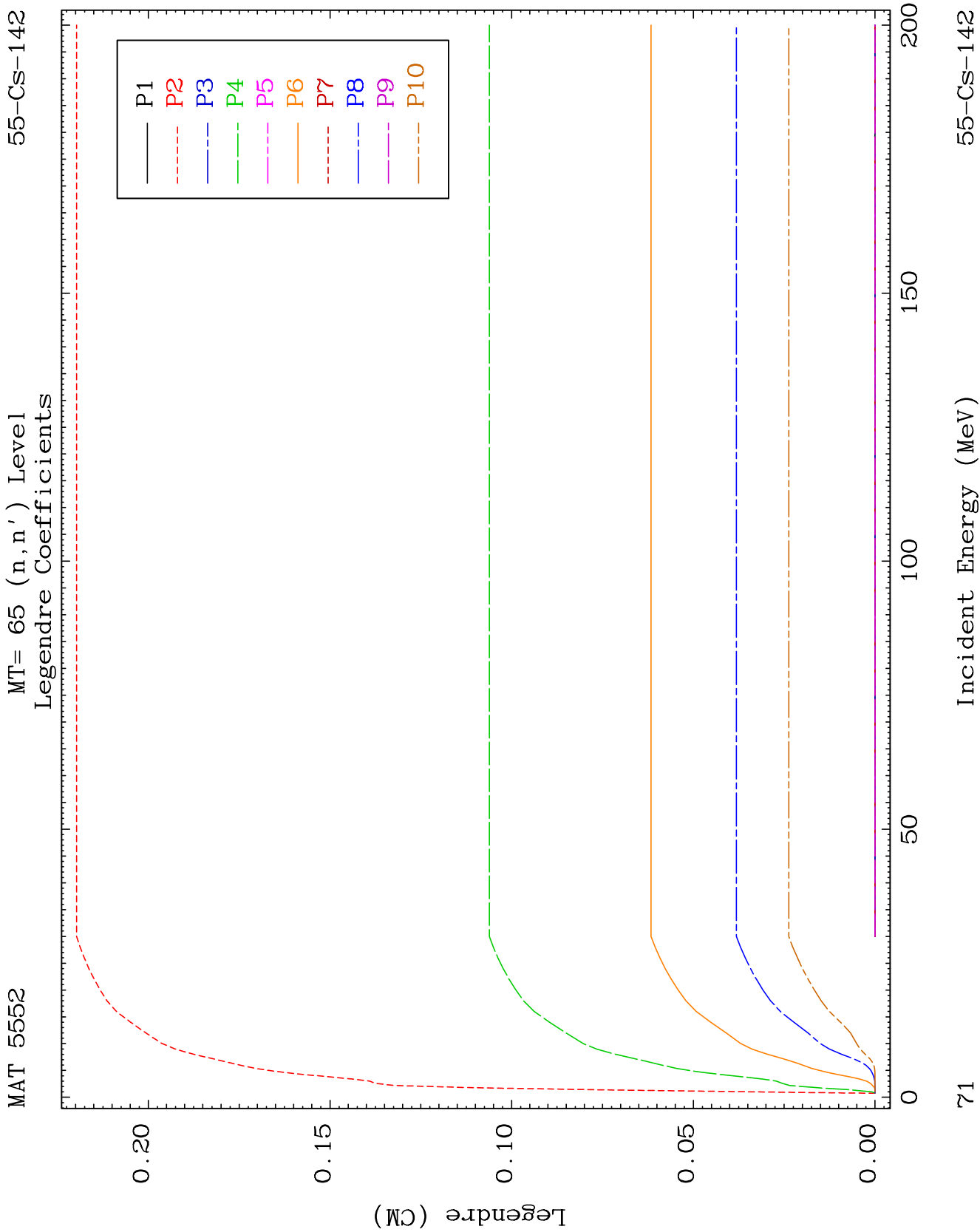
MT= 64 (n, n') Level
Legendre Coefficients

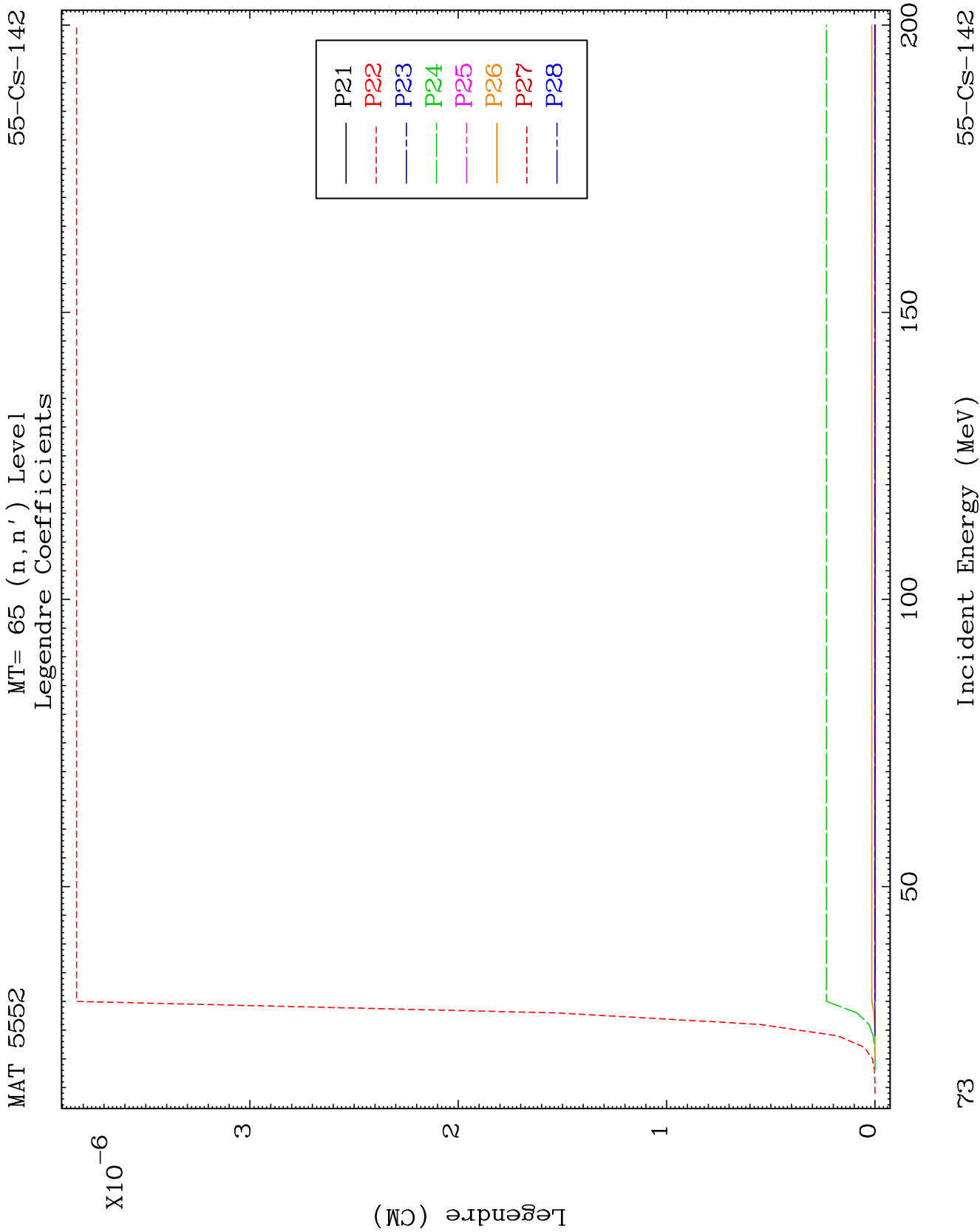
55-CS-142

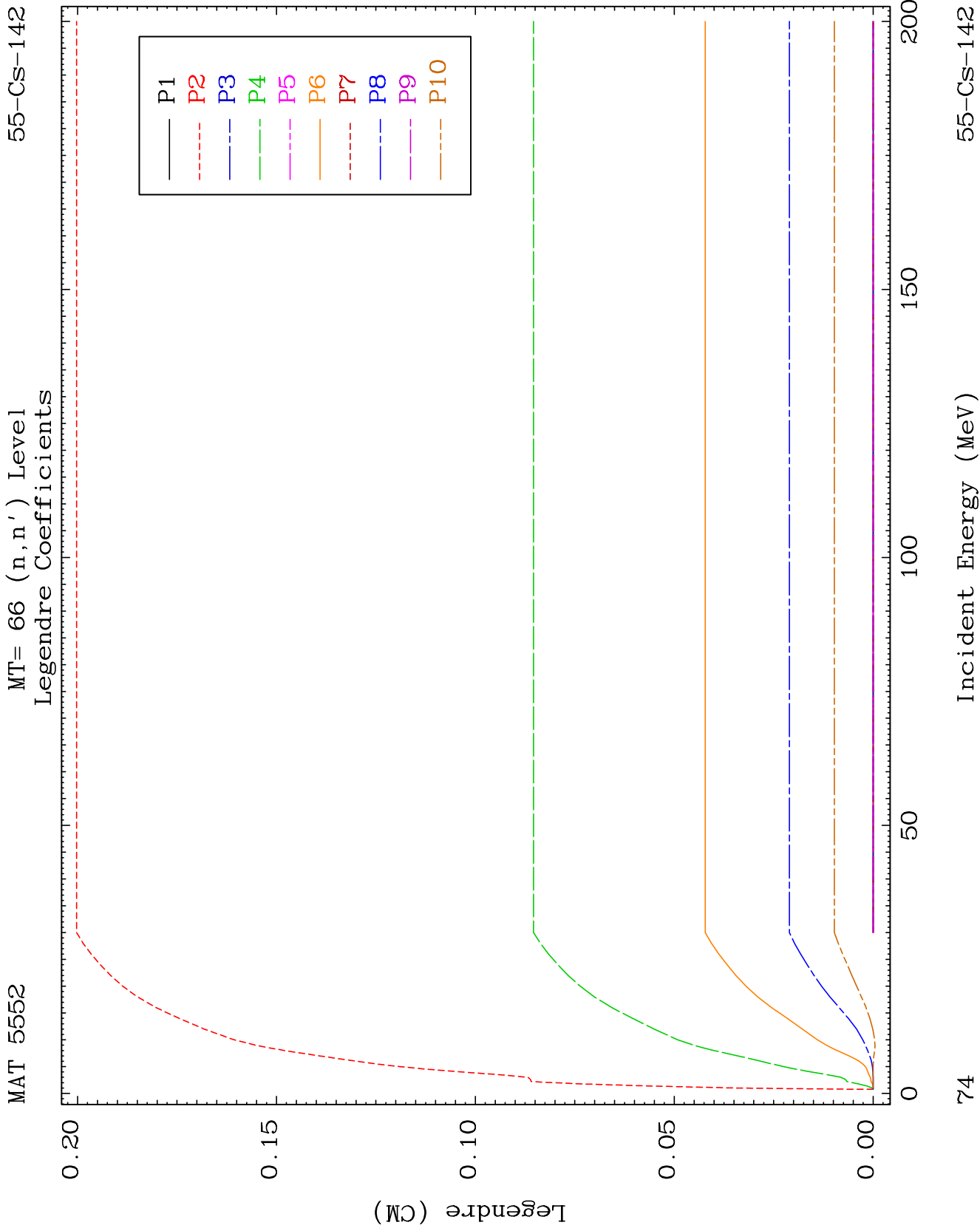


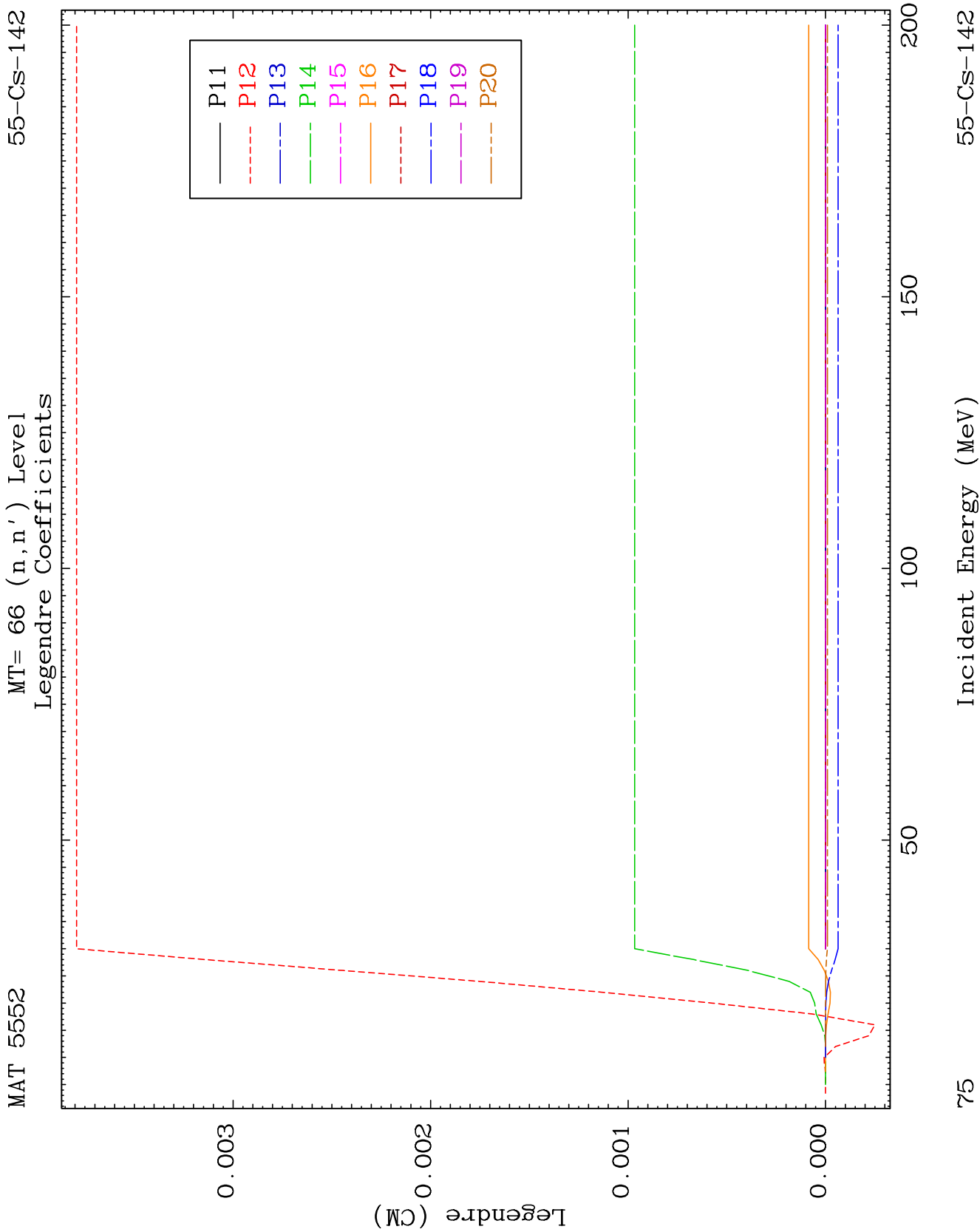


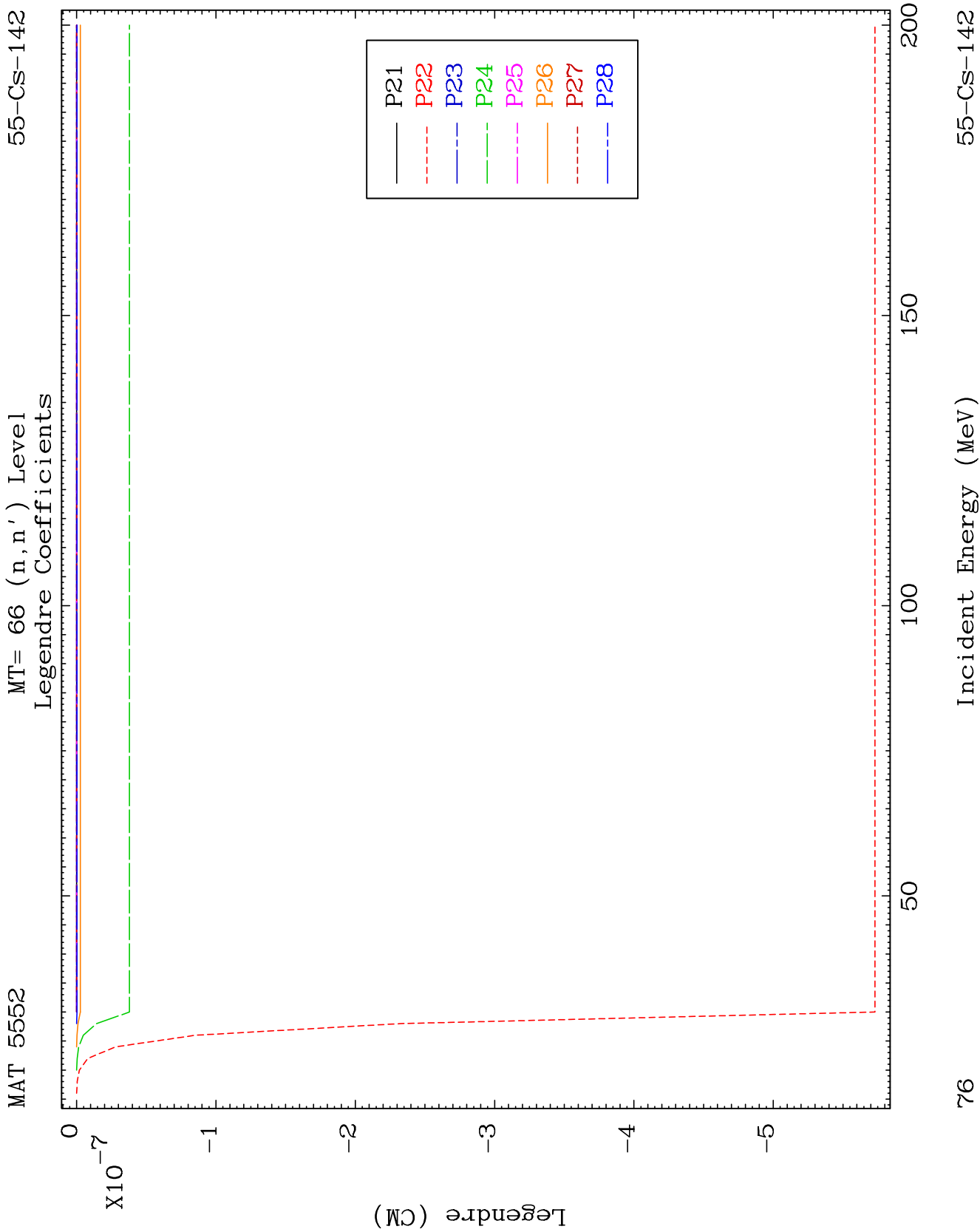


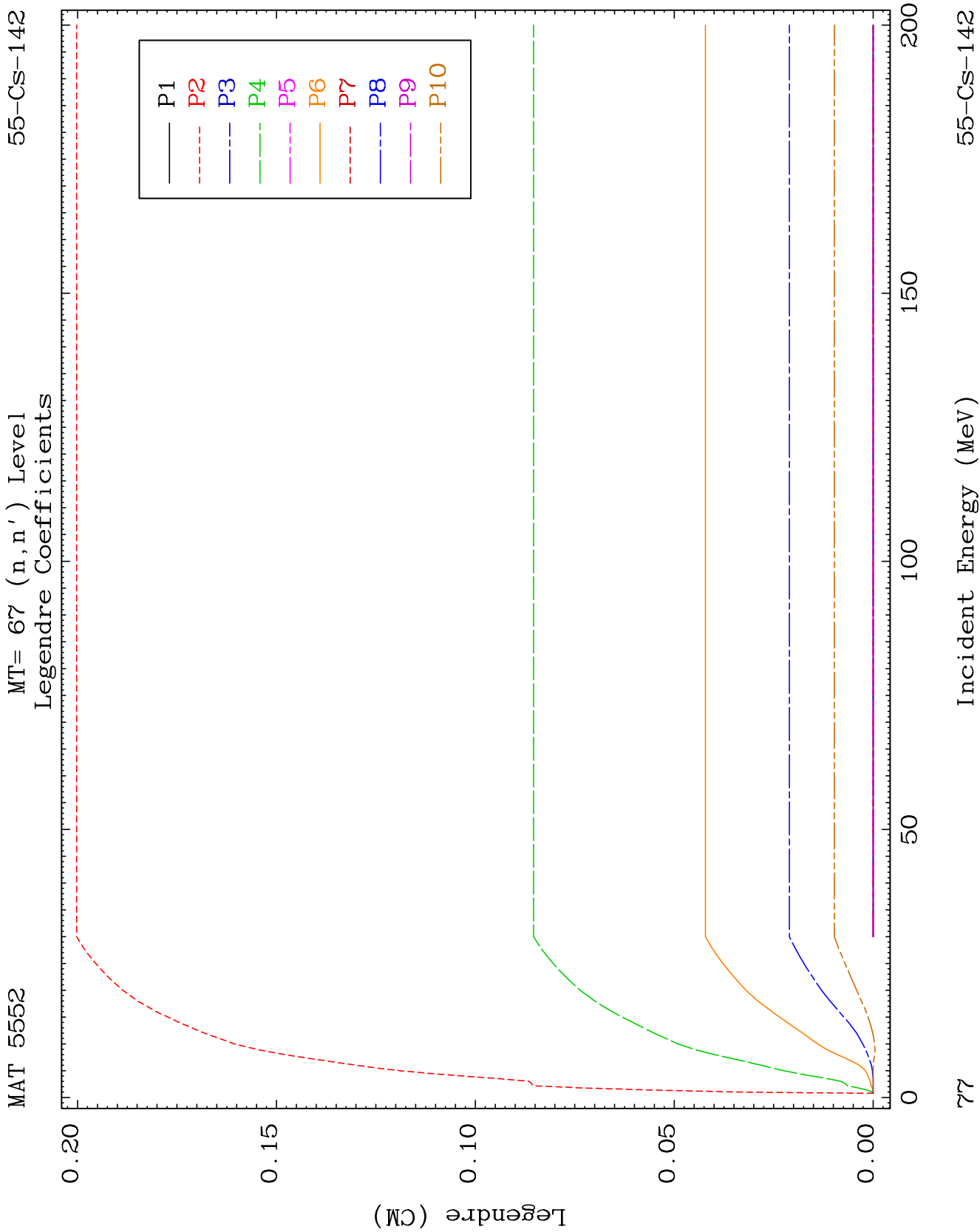


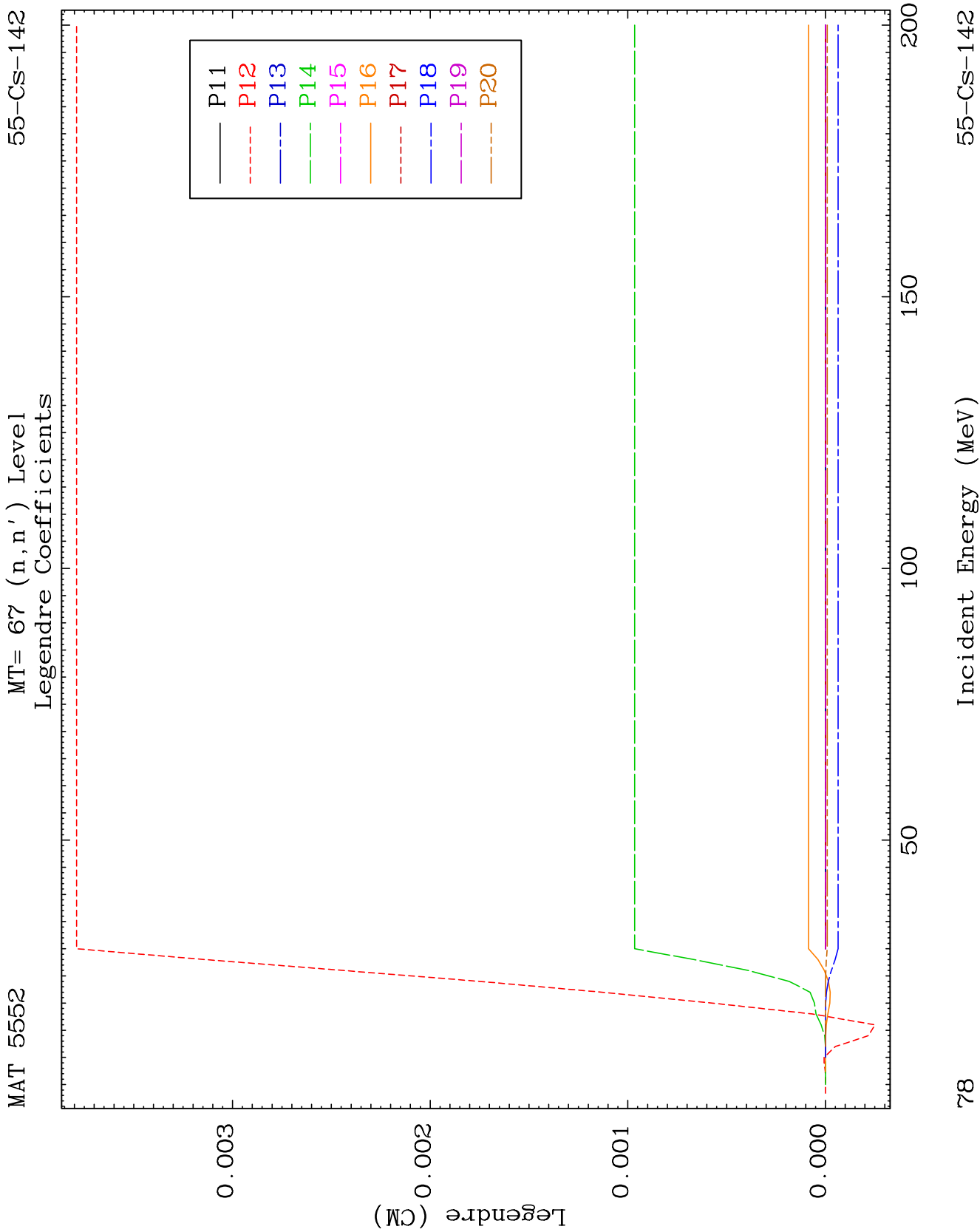


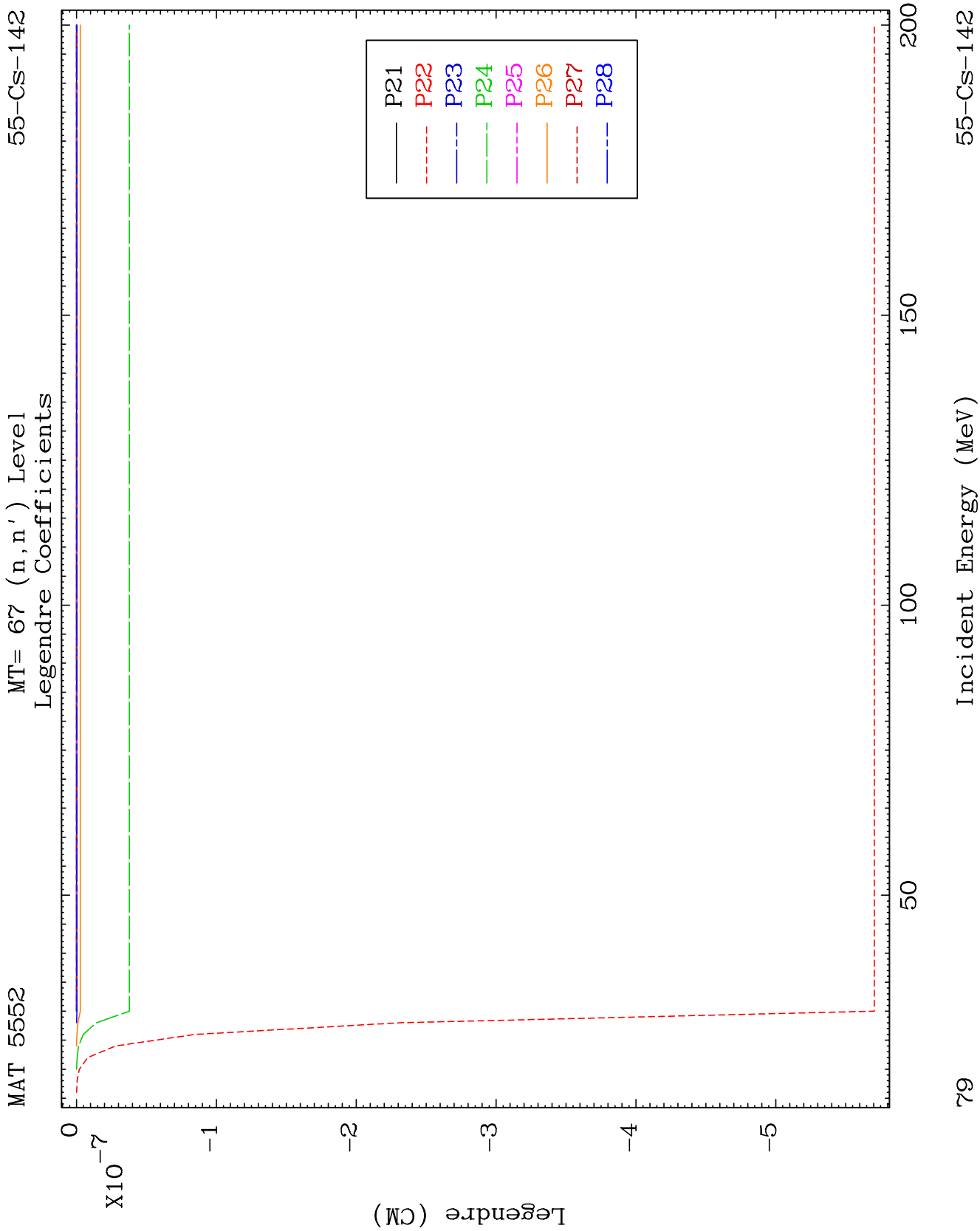








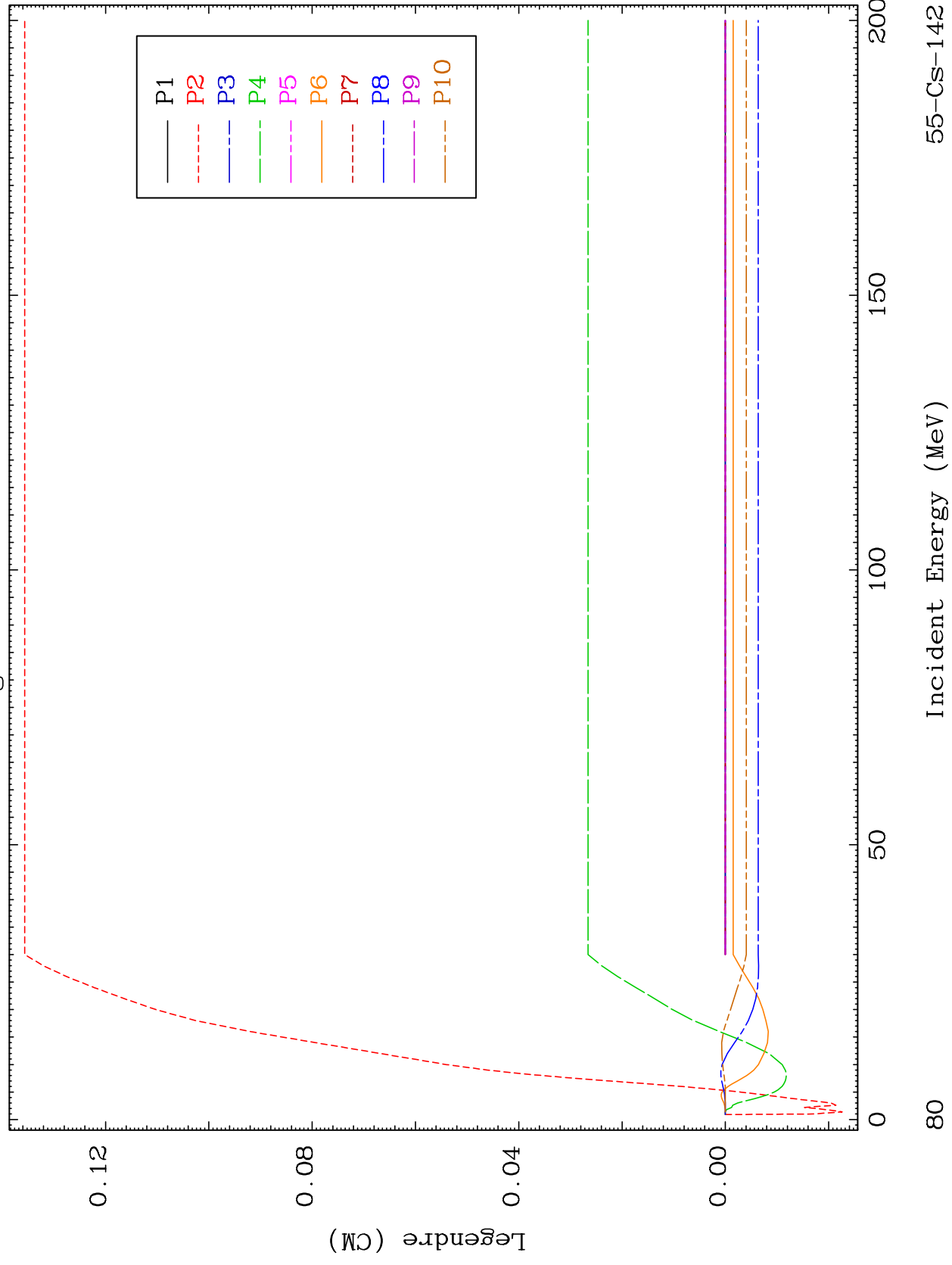




MAT 5552

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

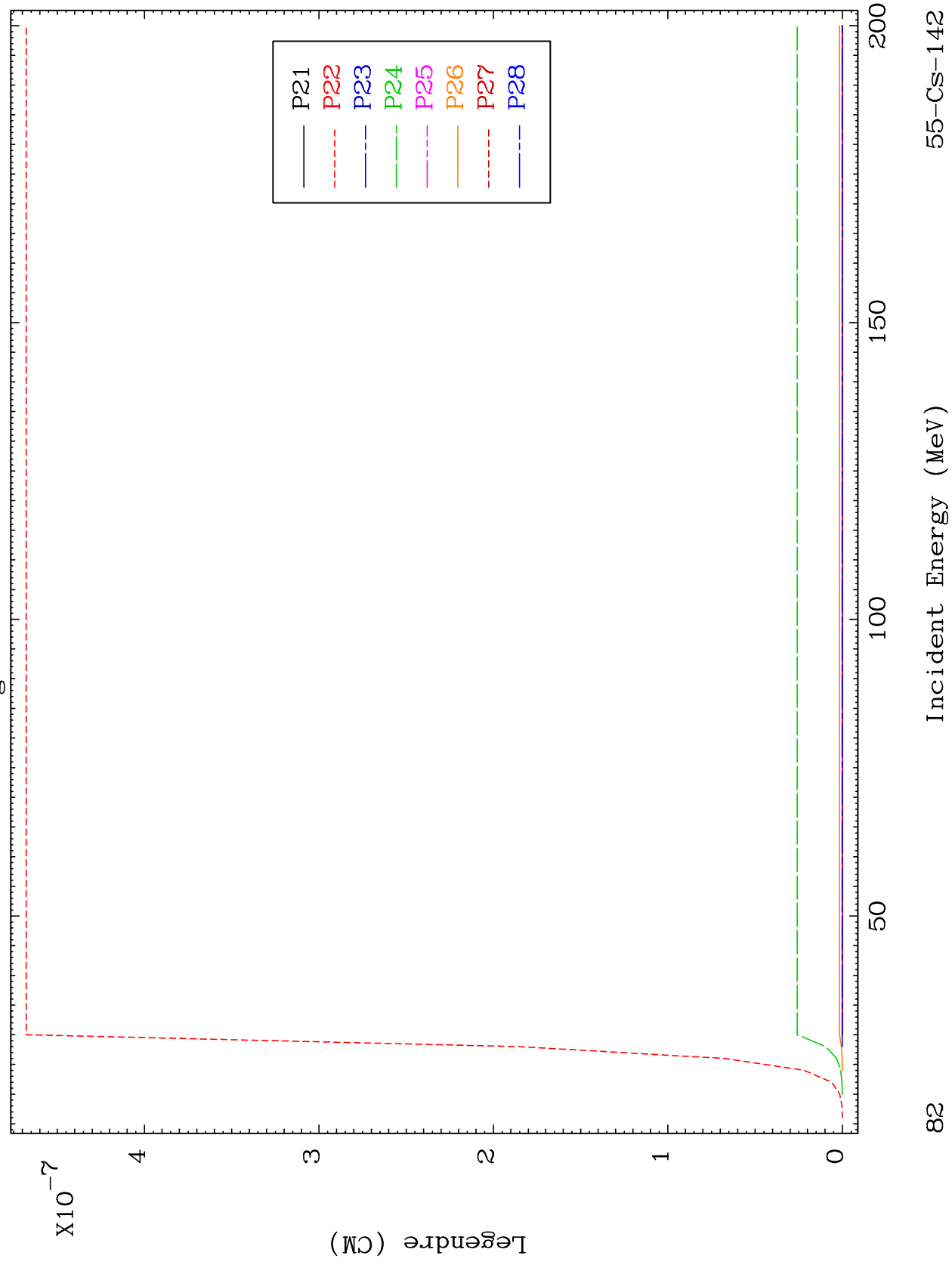
55-CS-142

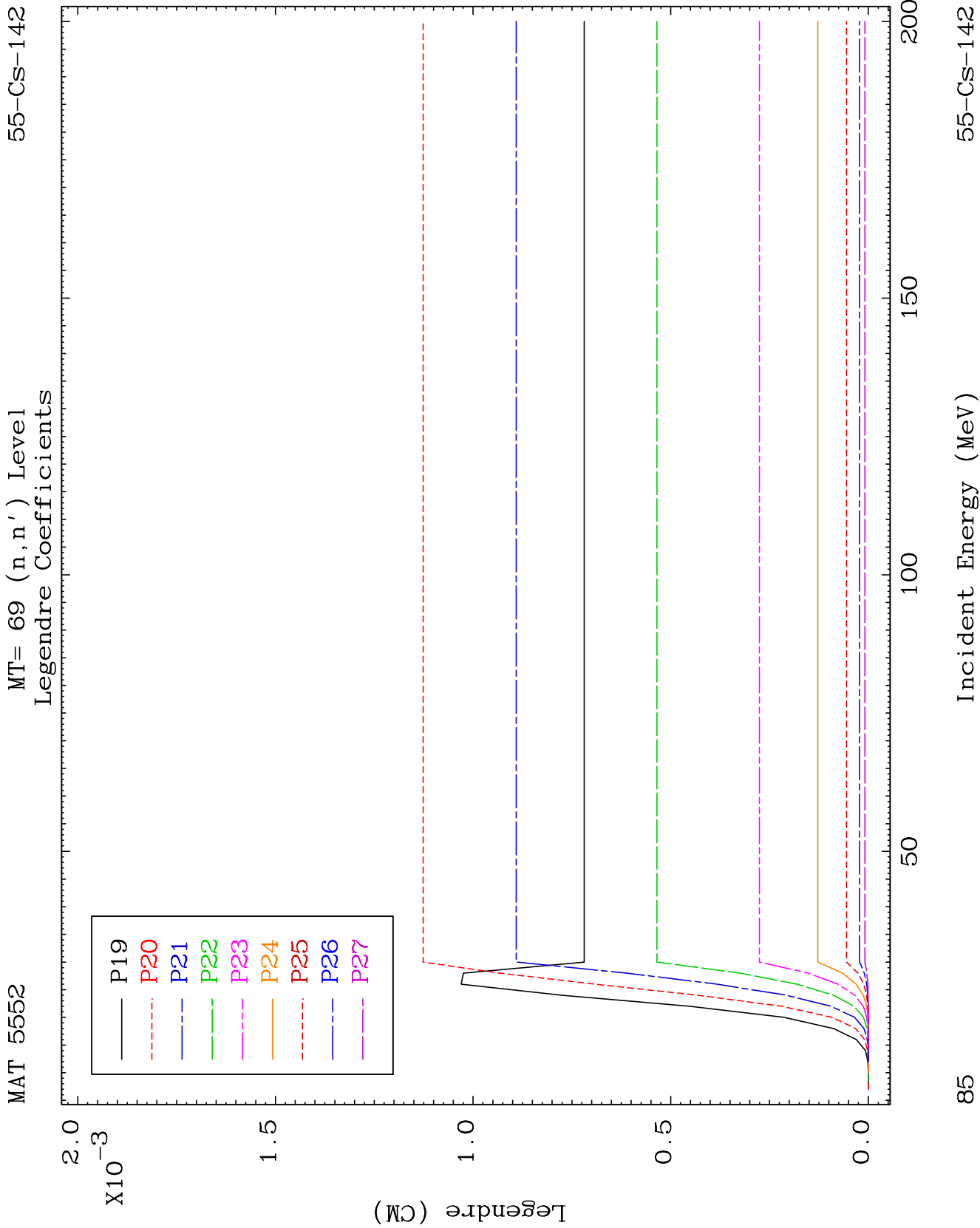


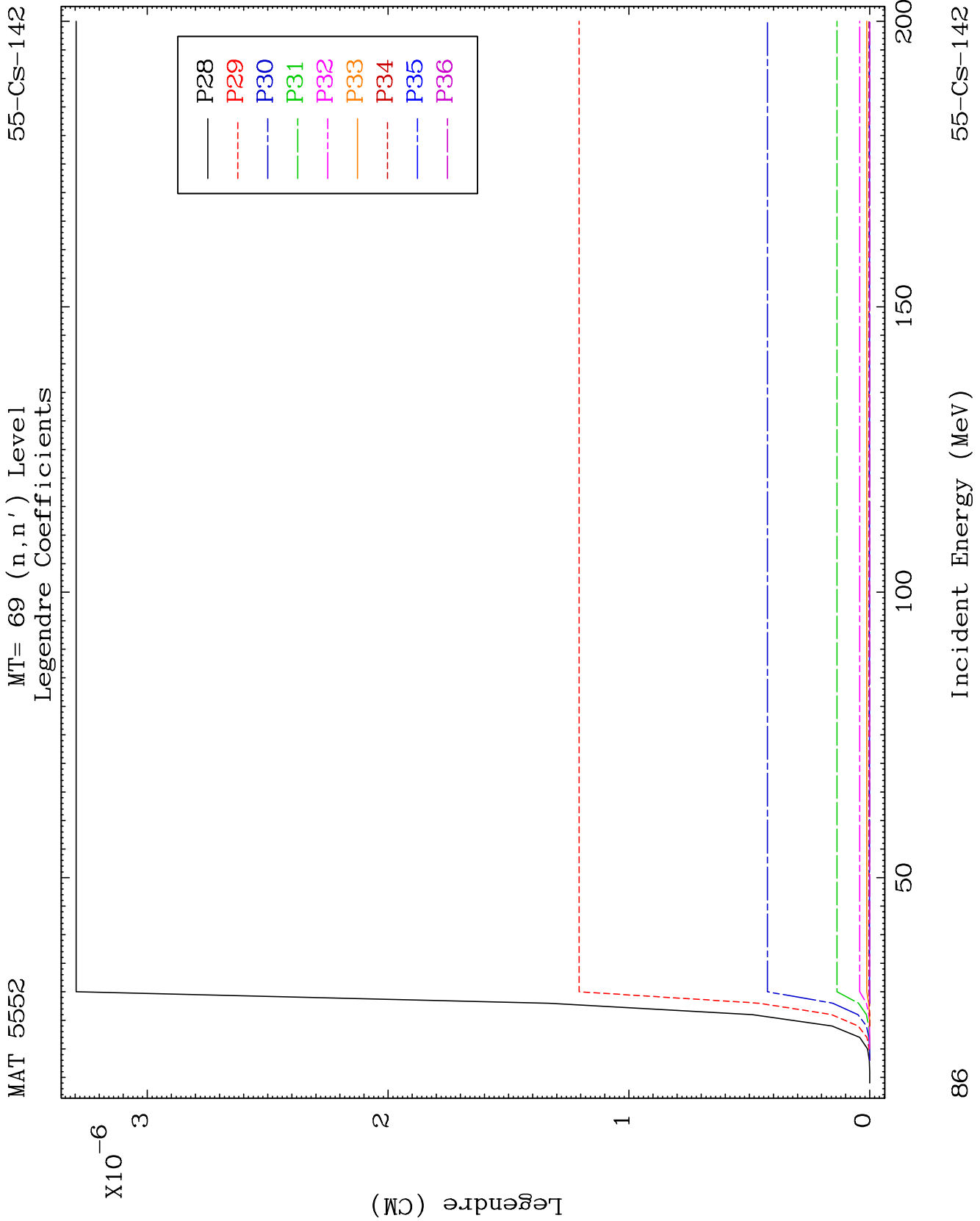
MAT 5552

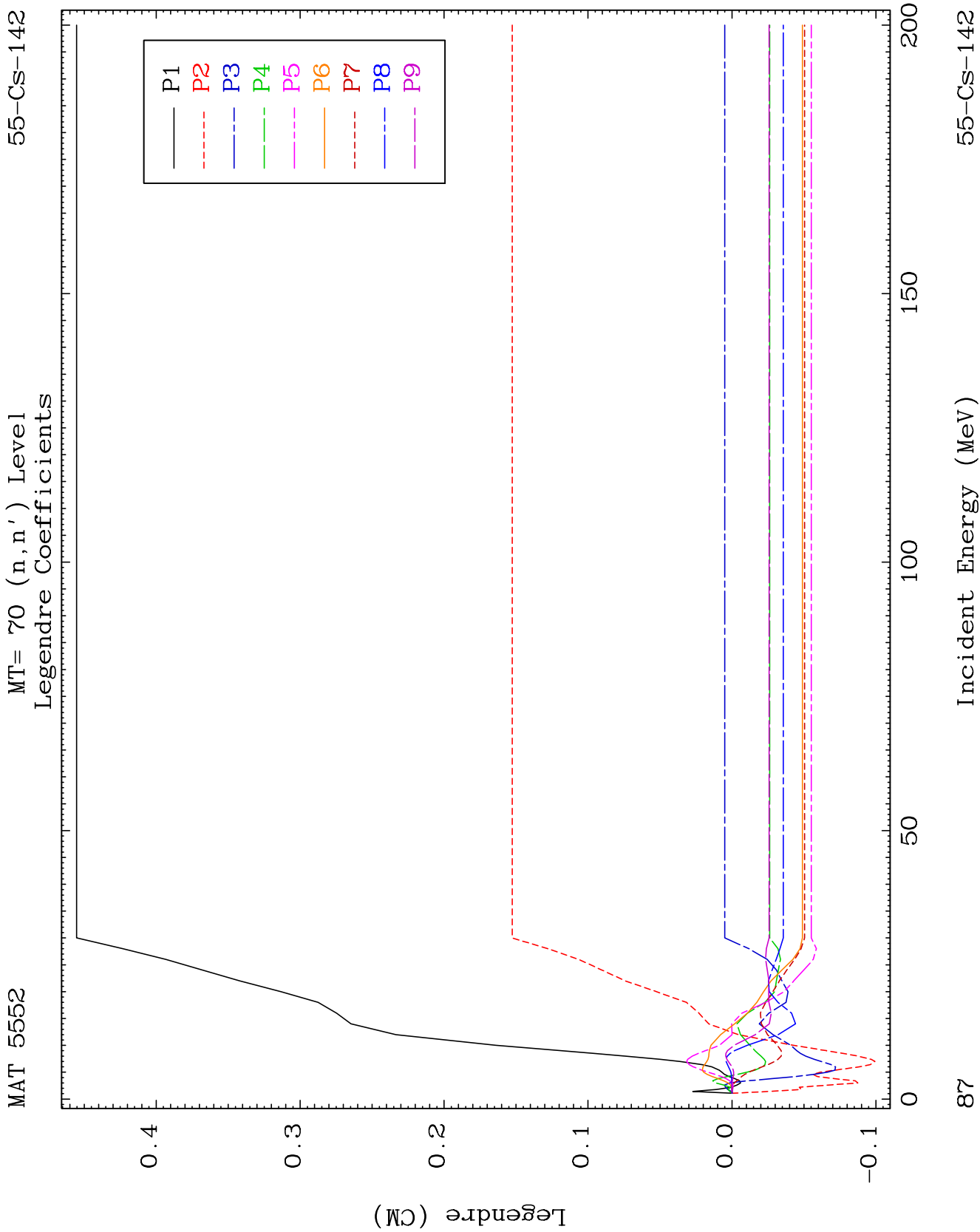
MT= 68 (n, n') Level
Legendre Coefficients

55-CS-142





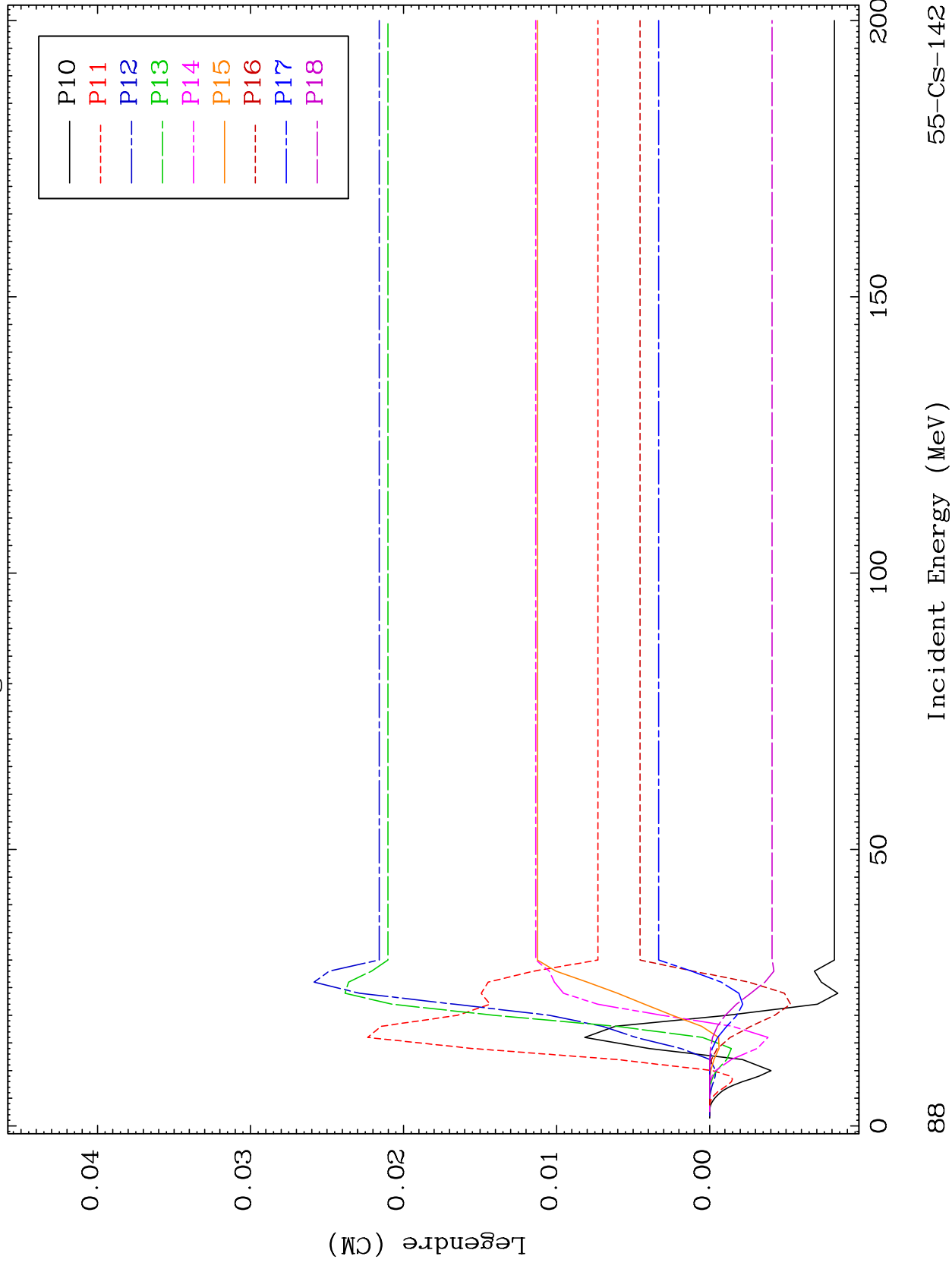


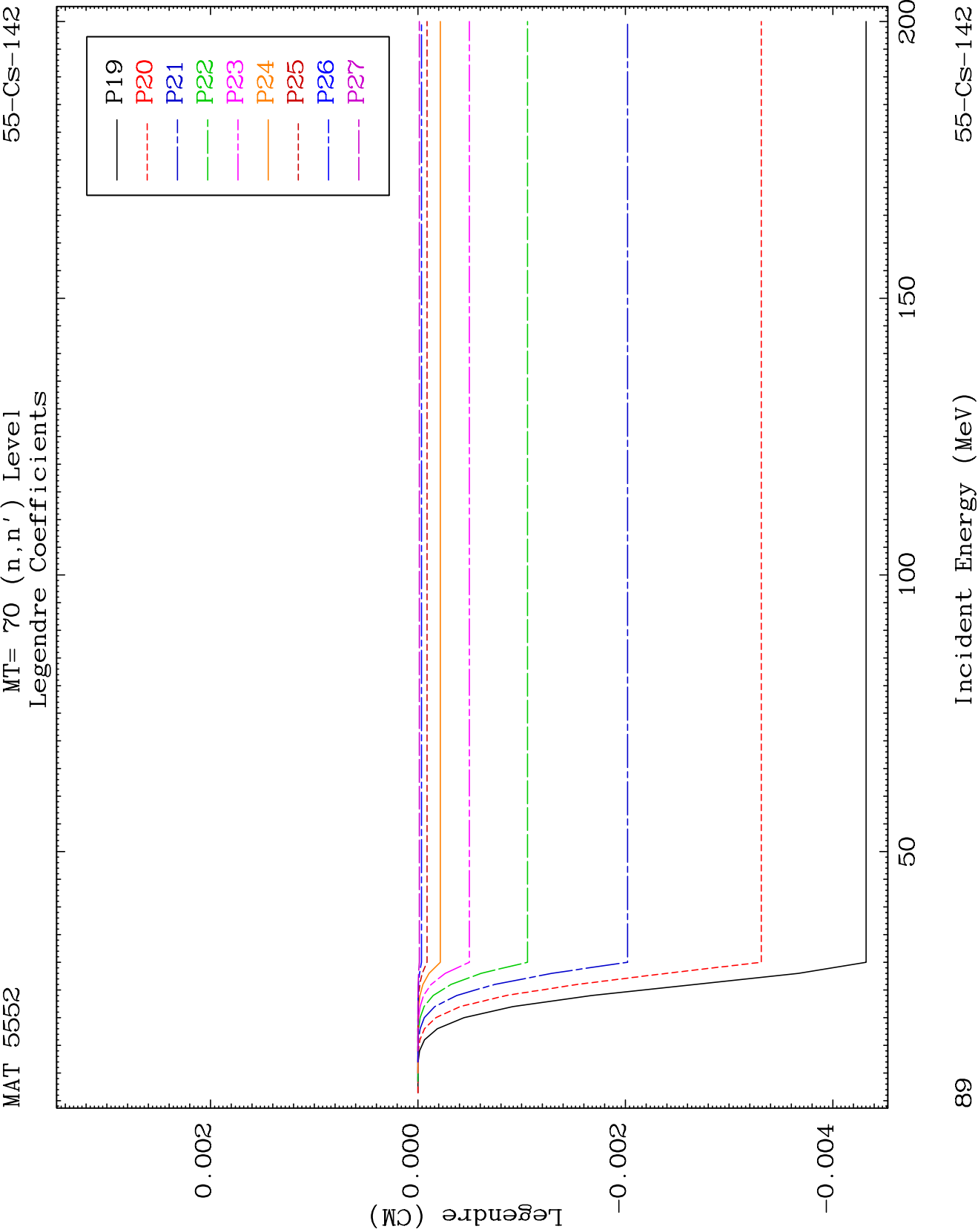


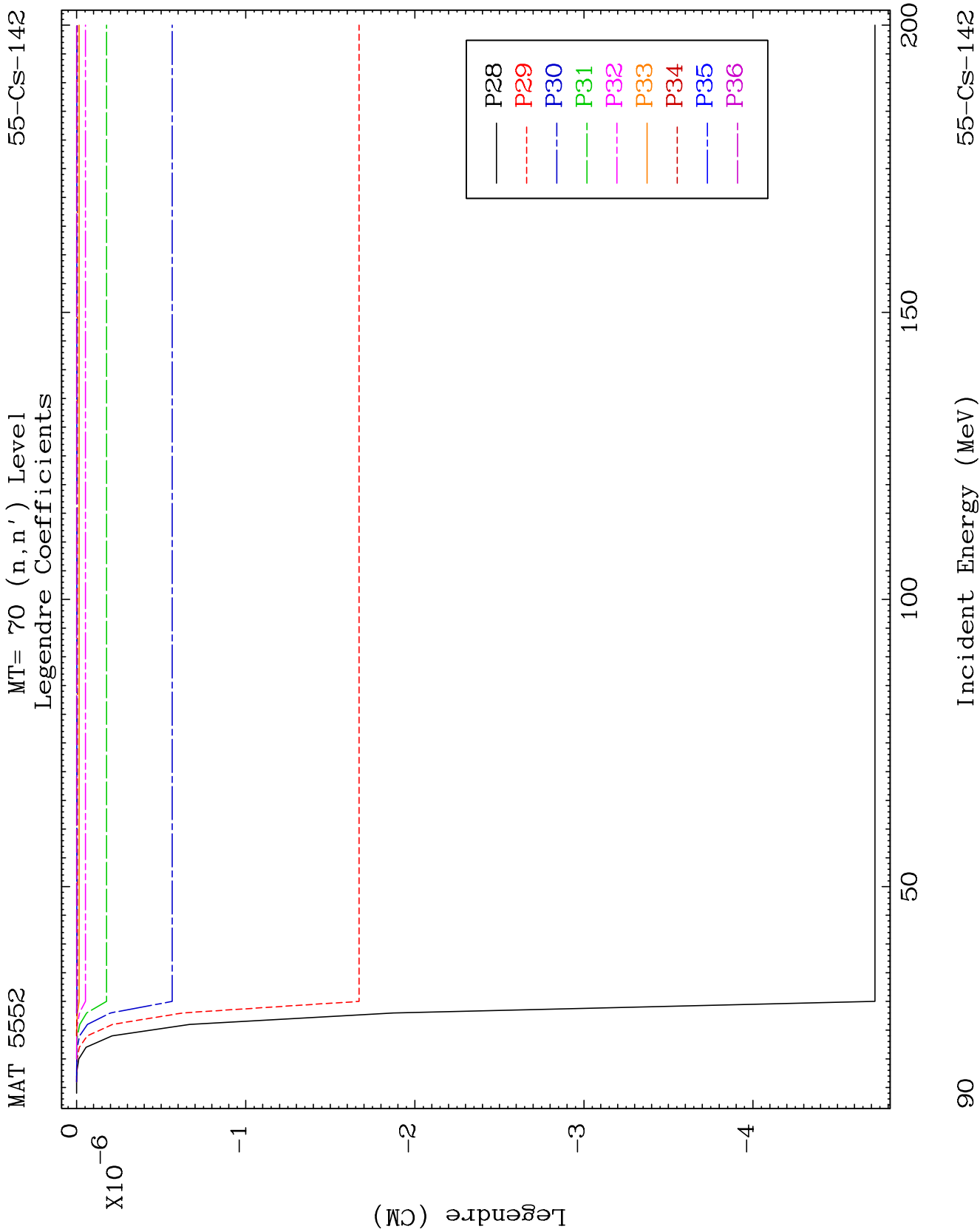
MAT 5552

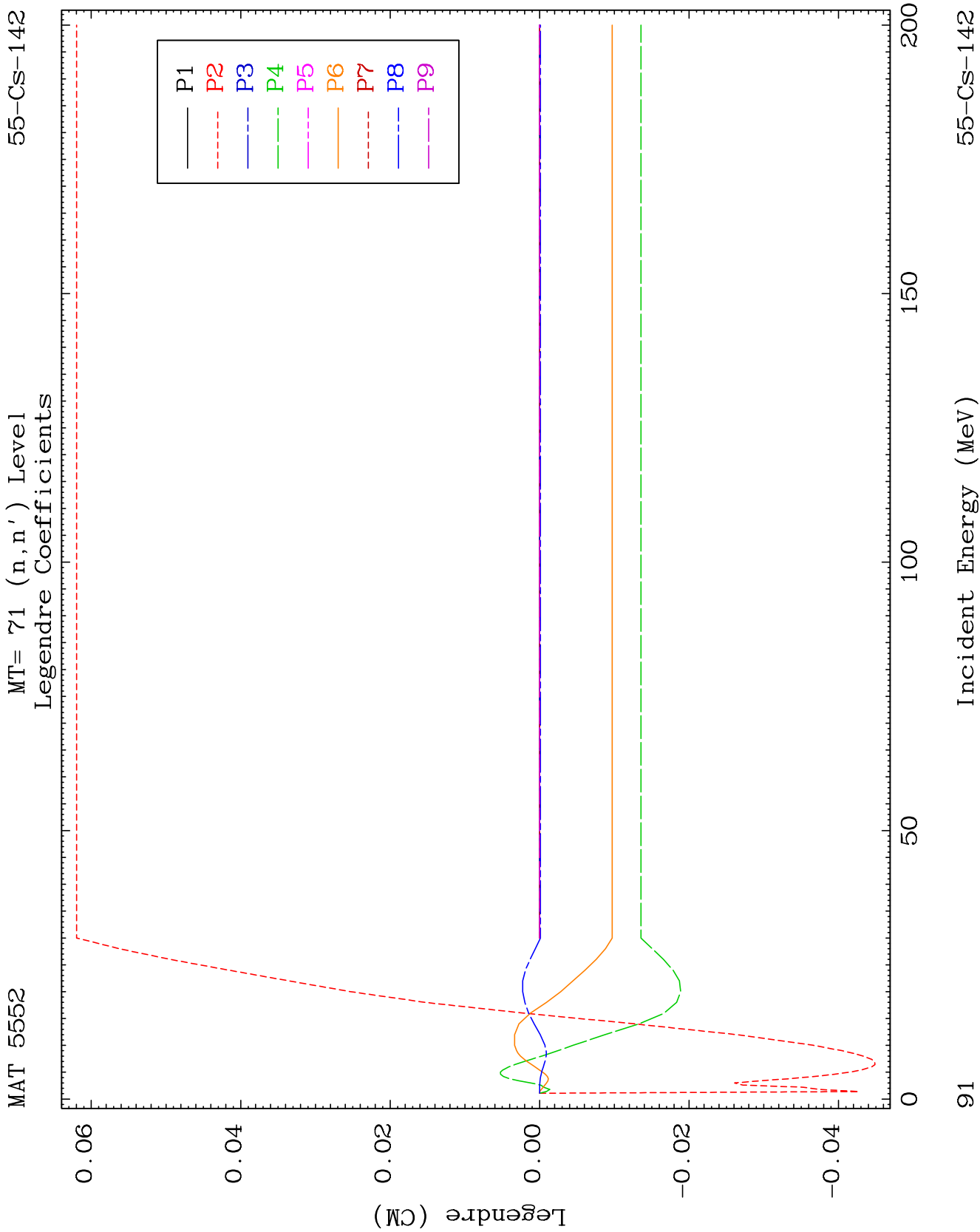
MT= 70 (n, n') Level
Legendre Coefficients

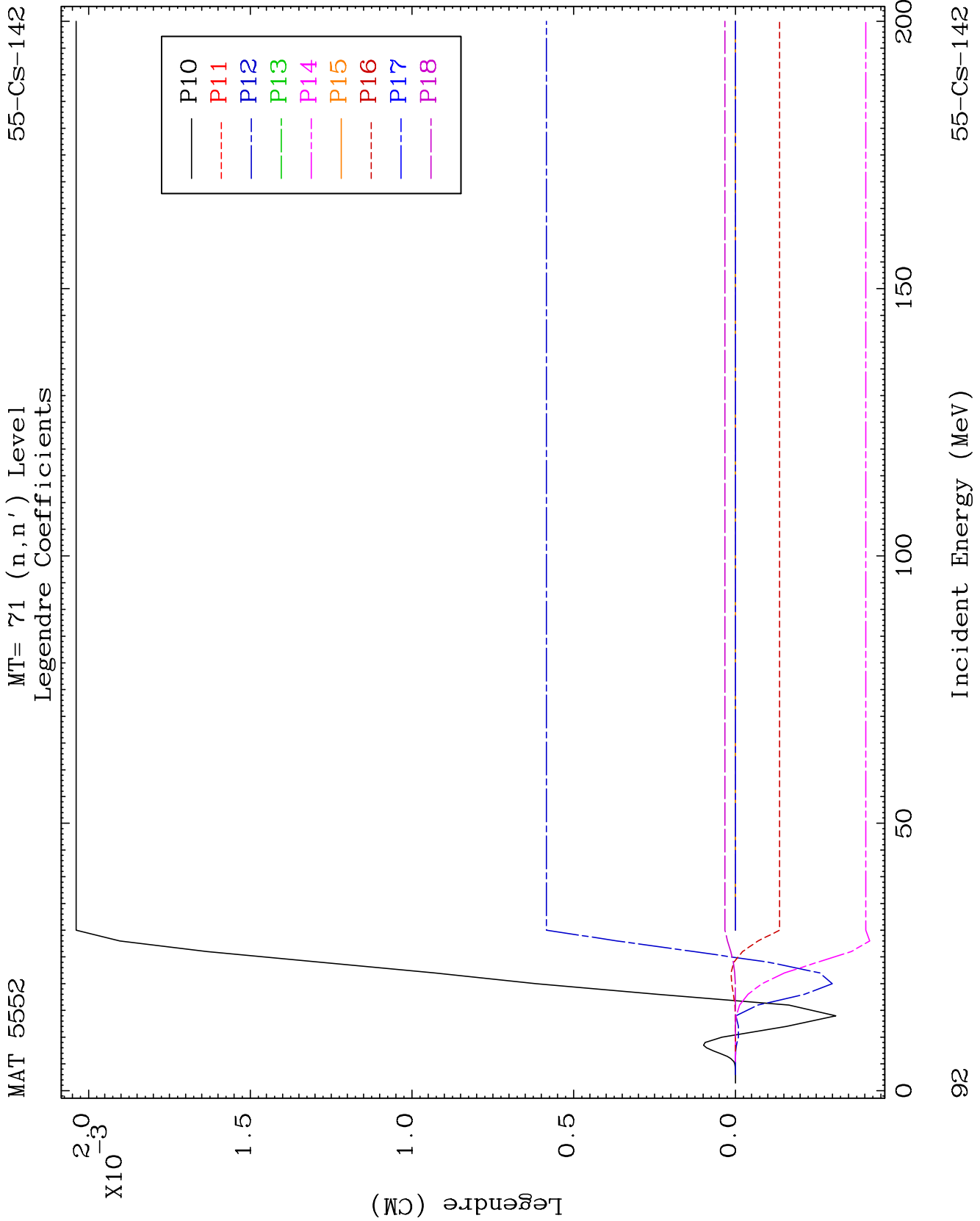
55-CS-142

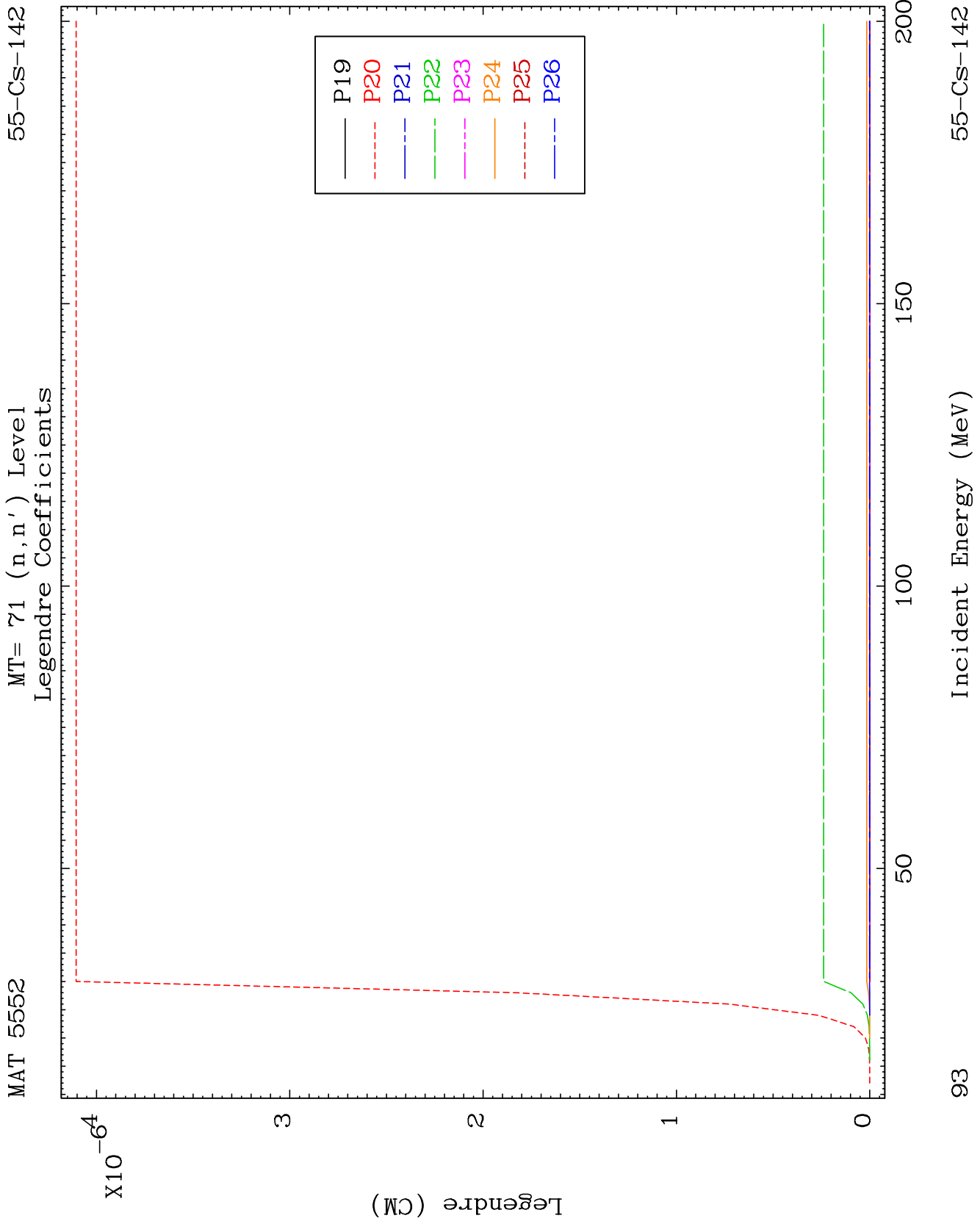


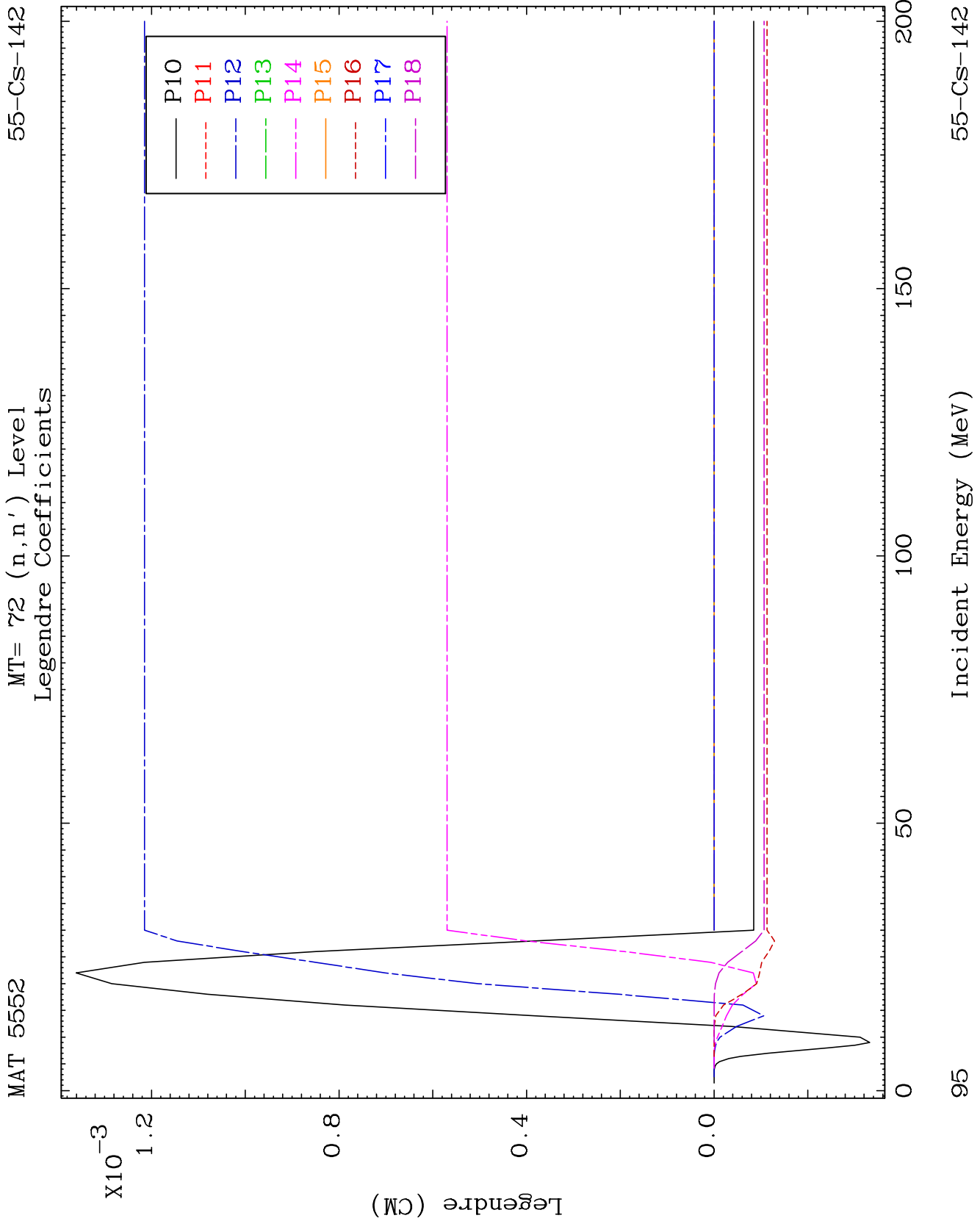


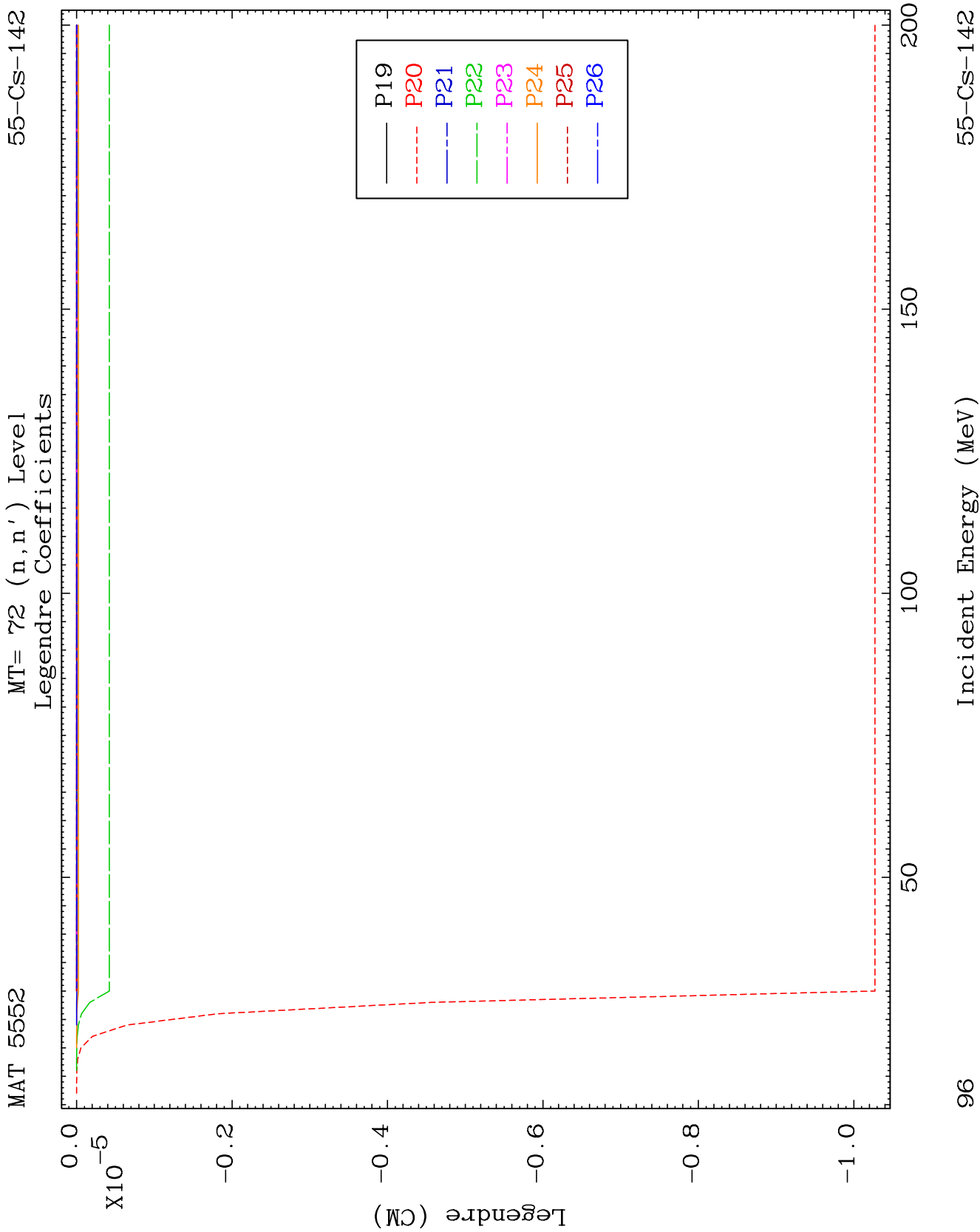








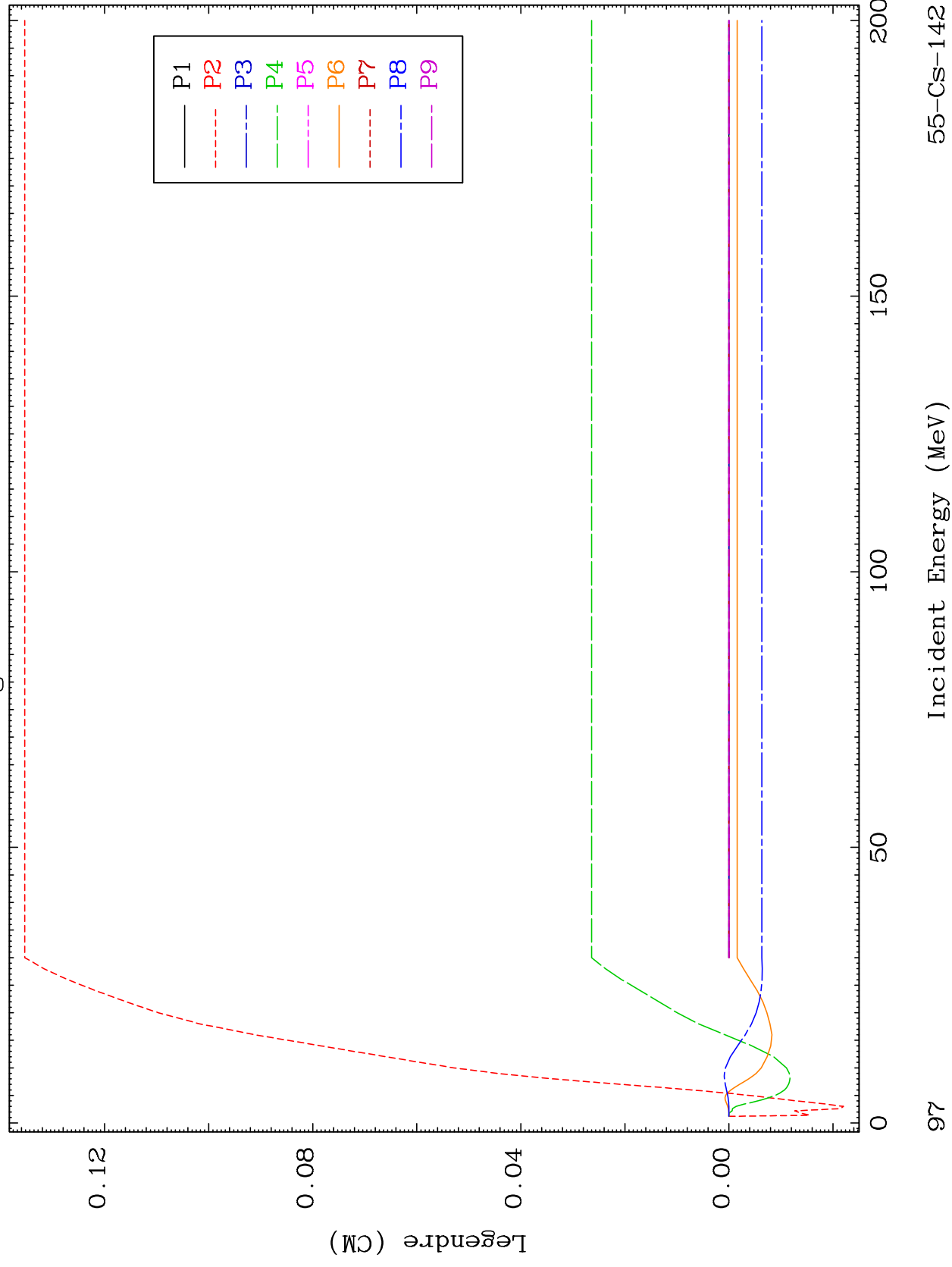


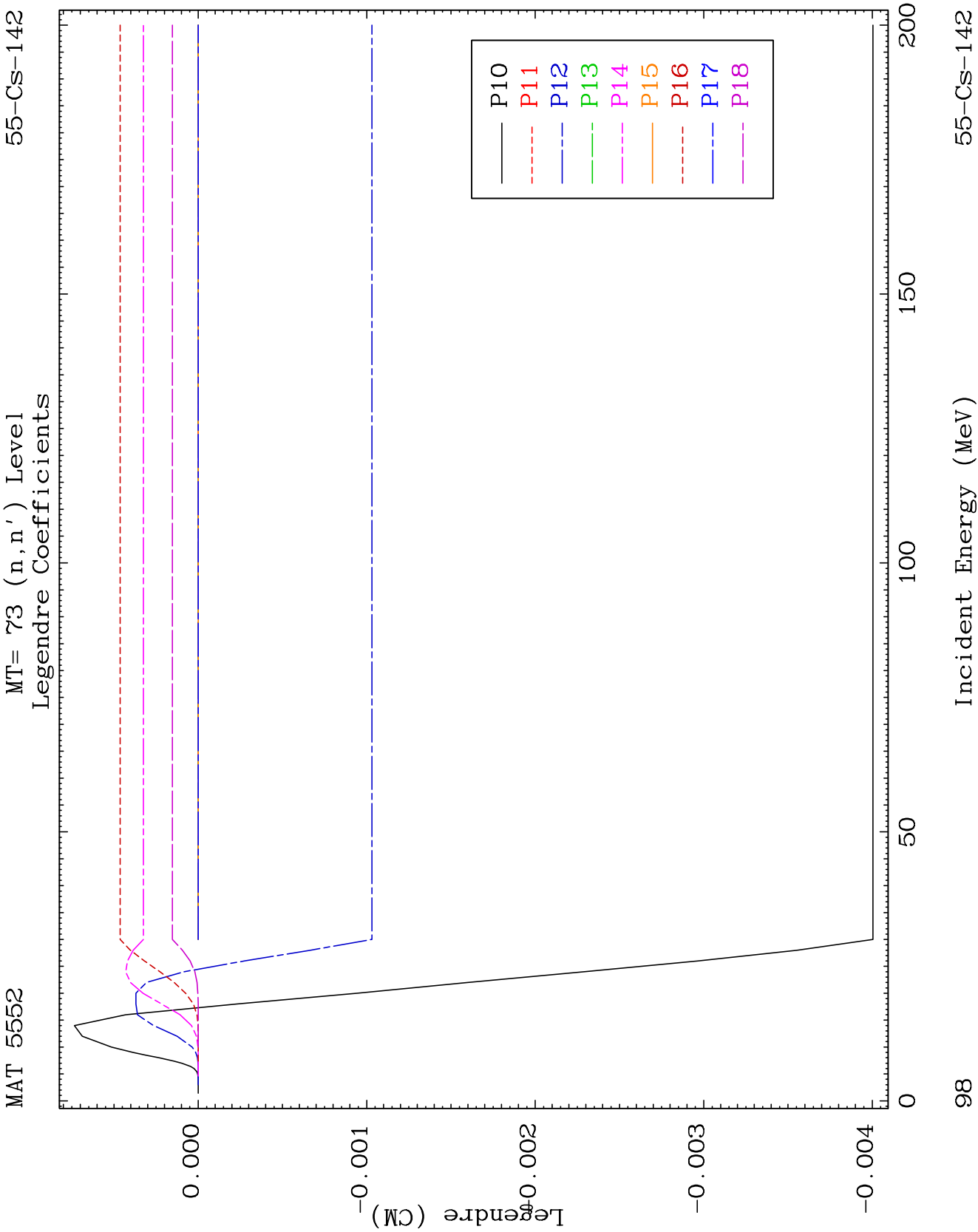


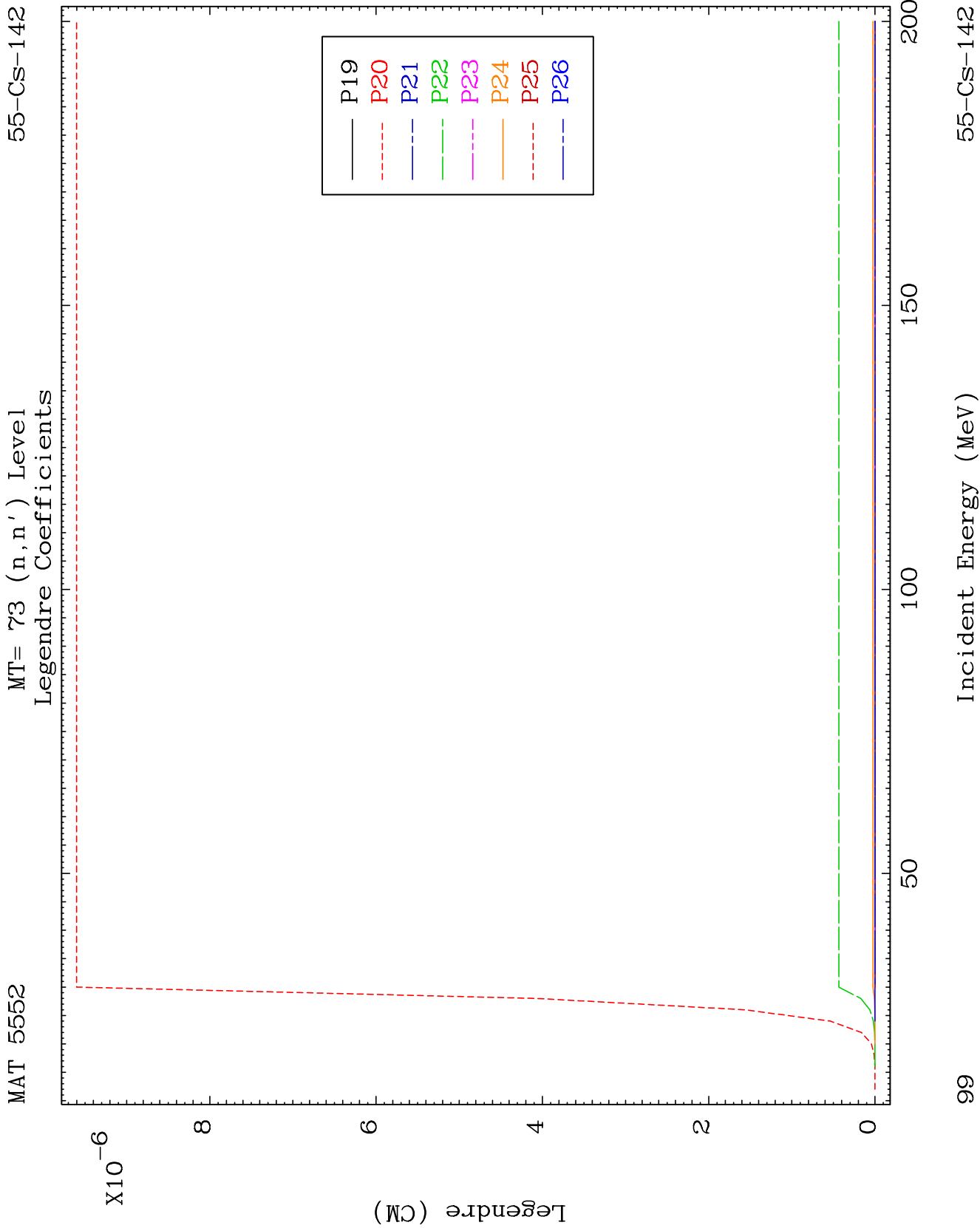
MAT 5552

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

55-CS-142



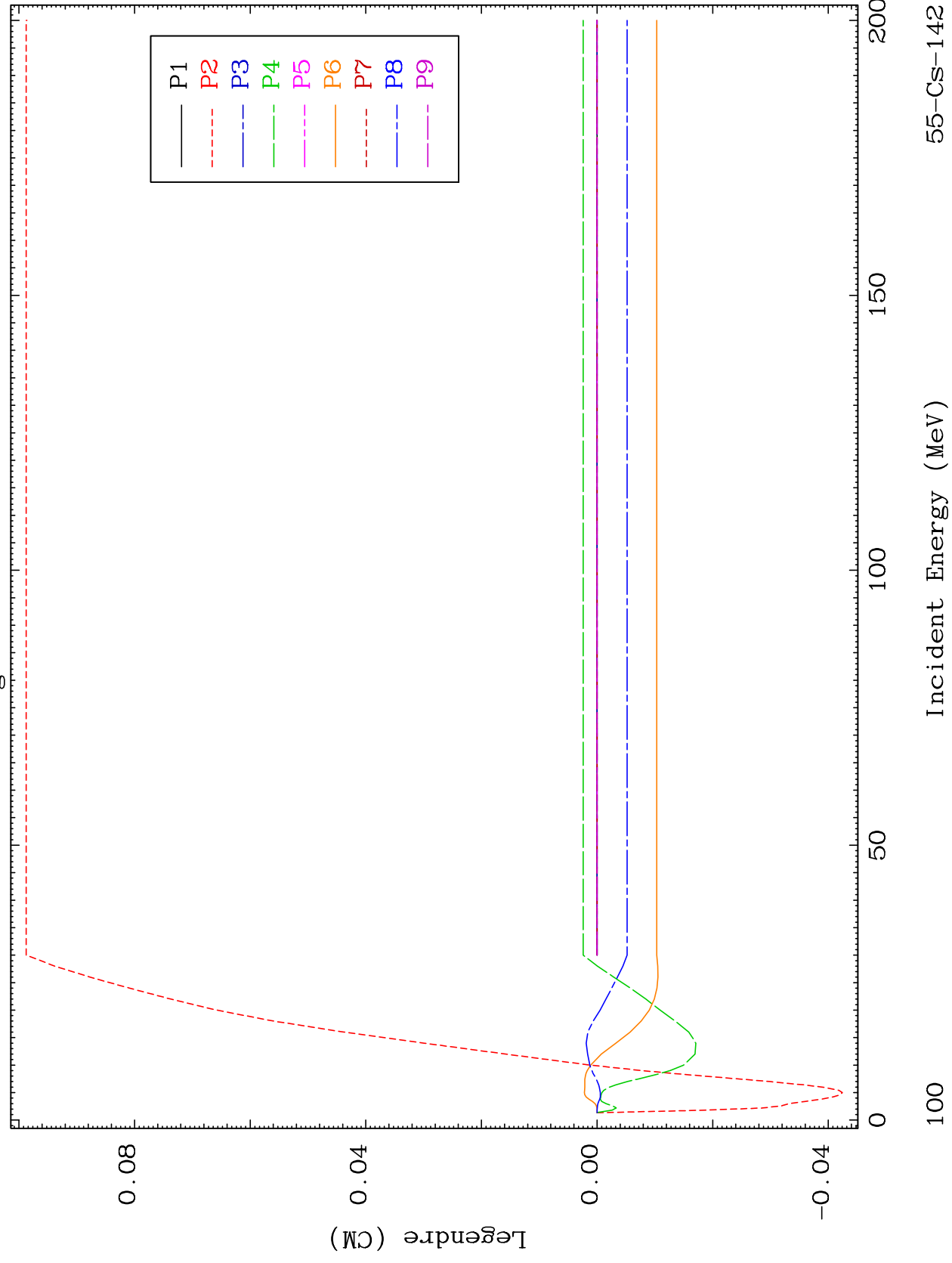


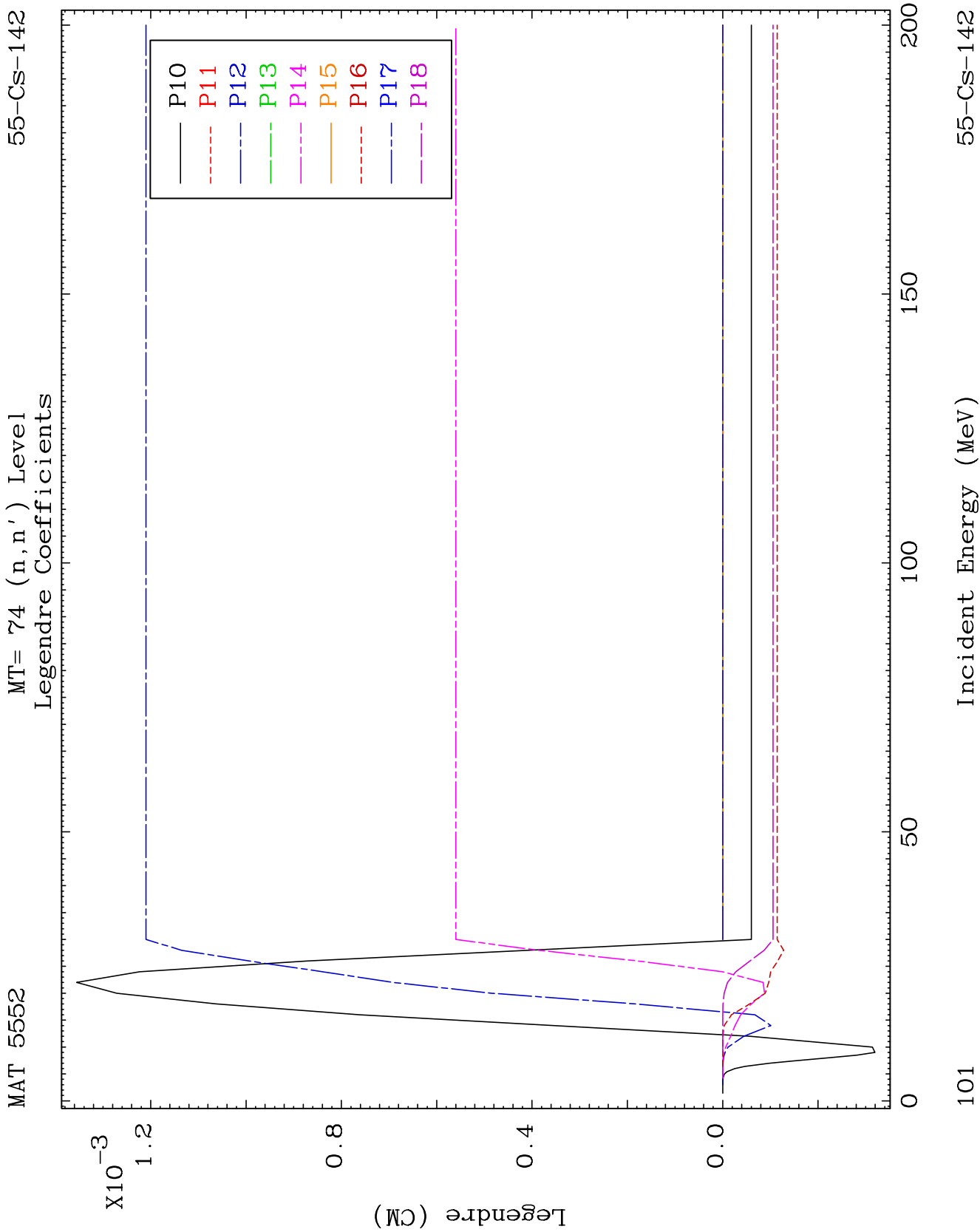


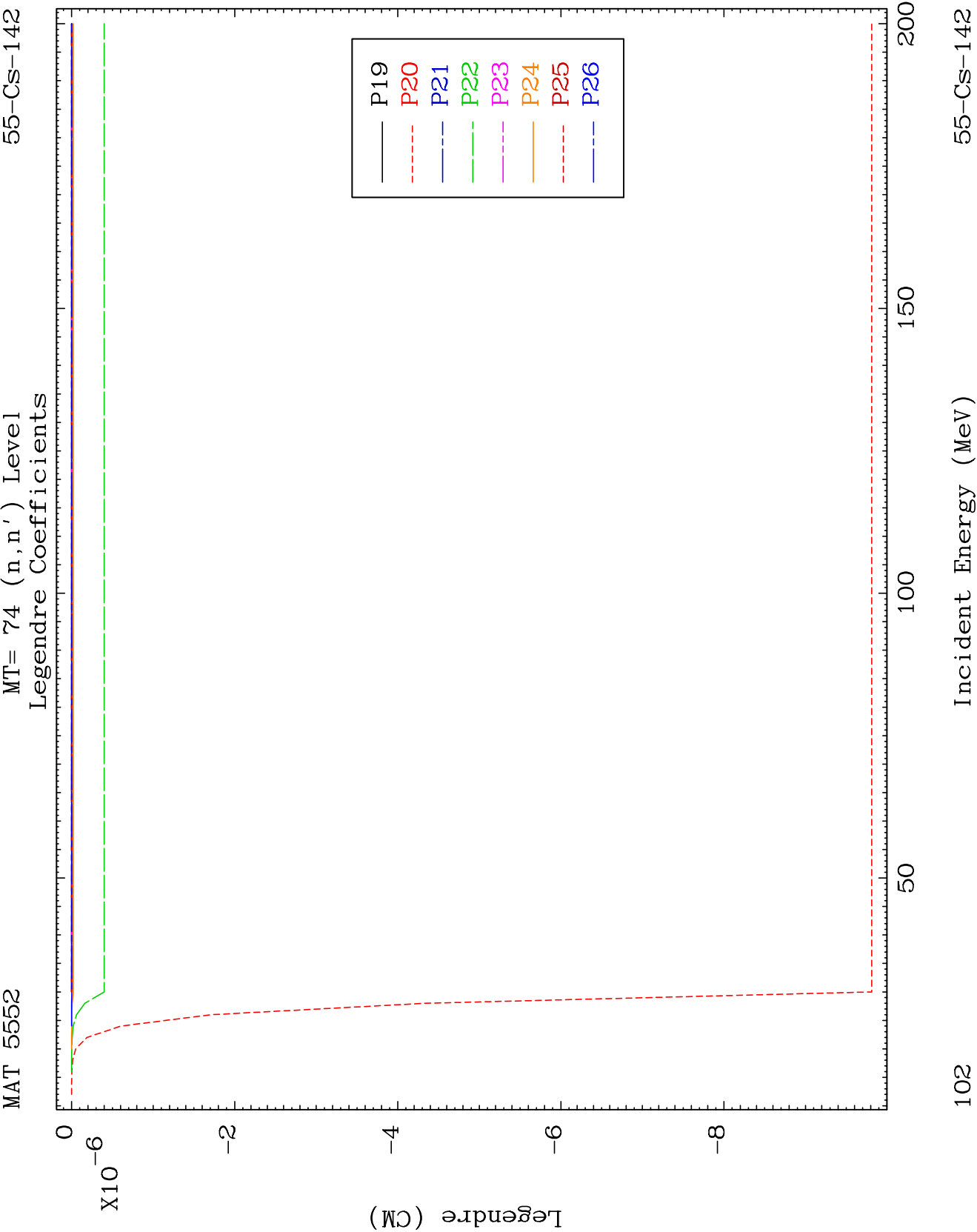
MAT 5552

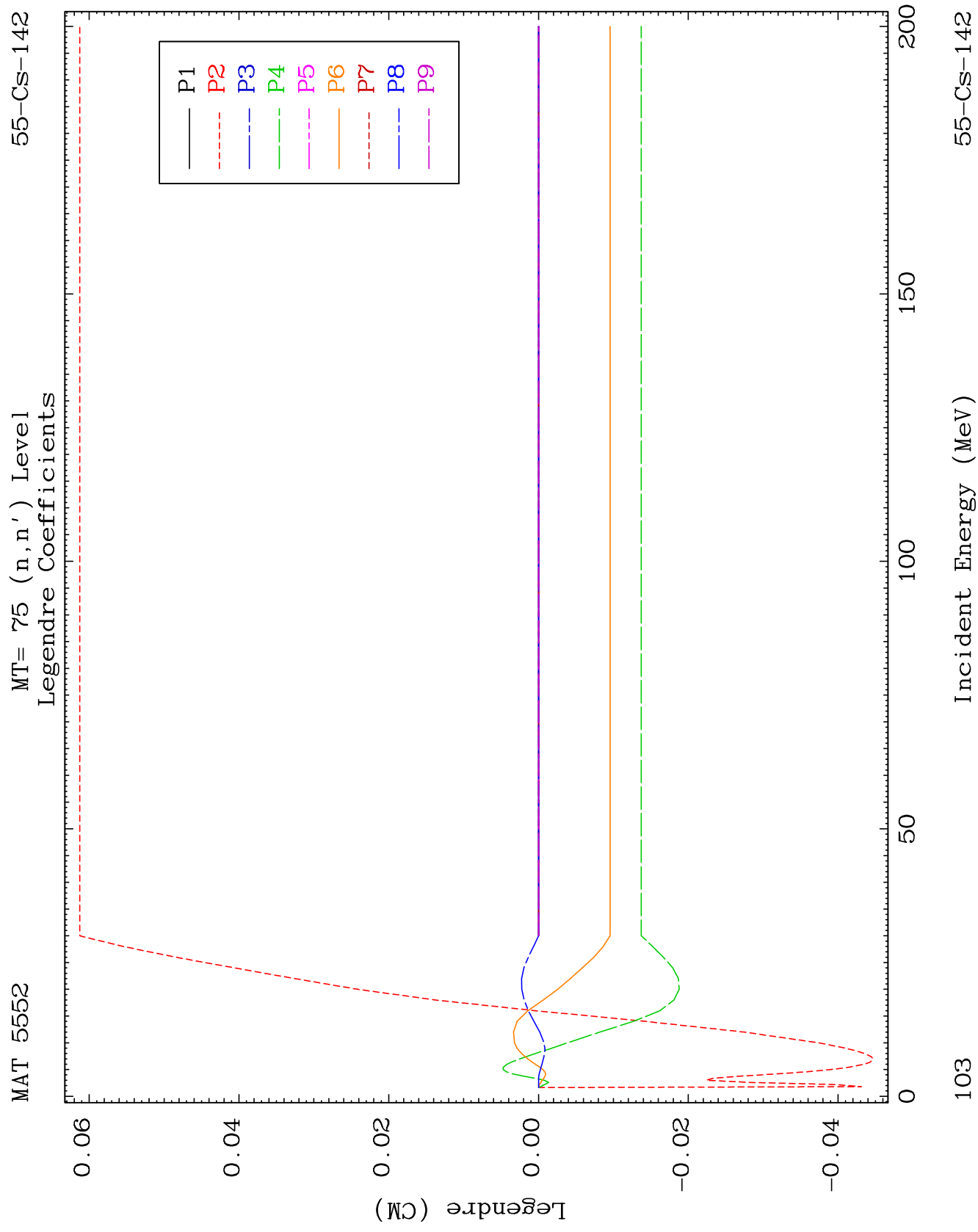
MT= 74 (n, n') Level
Legendre Coefficients

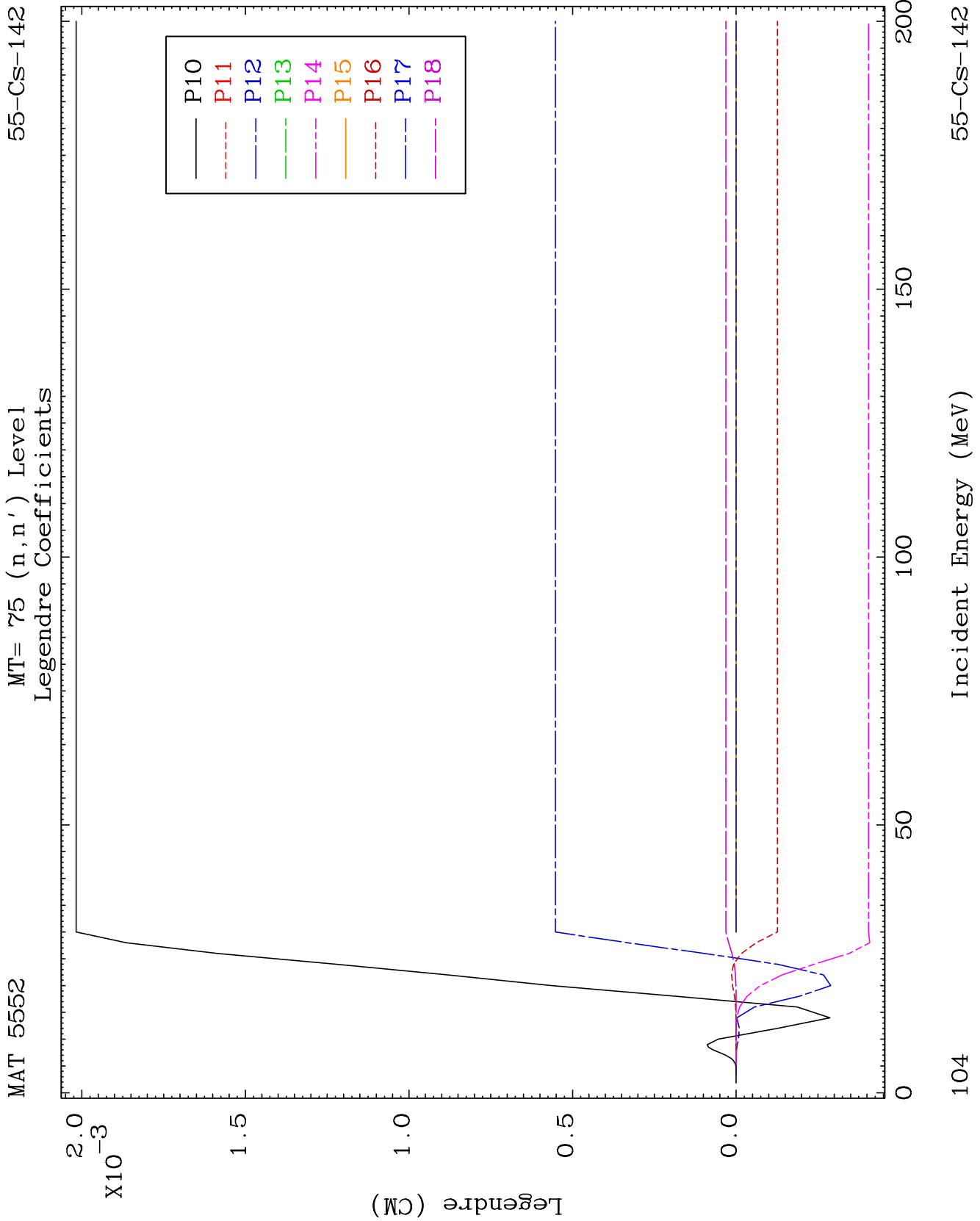
55-CS-142

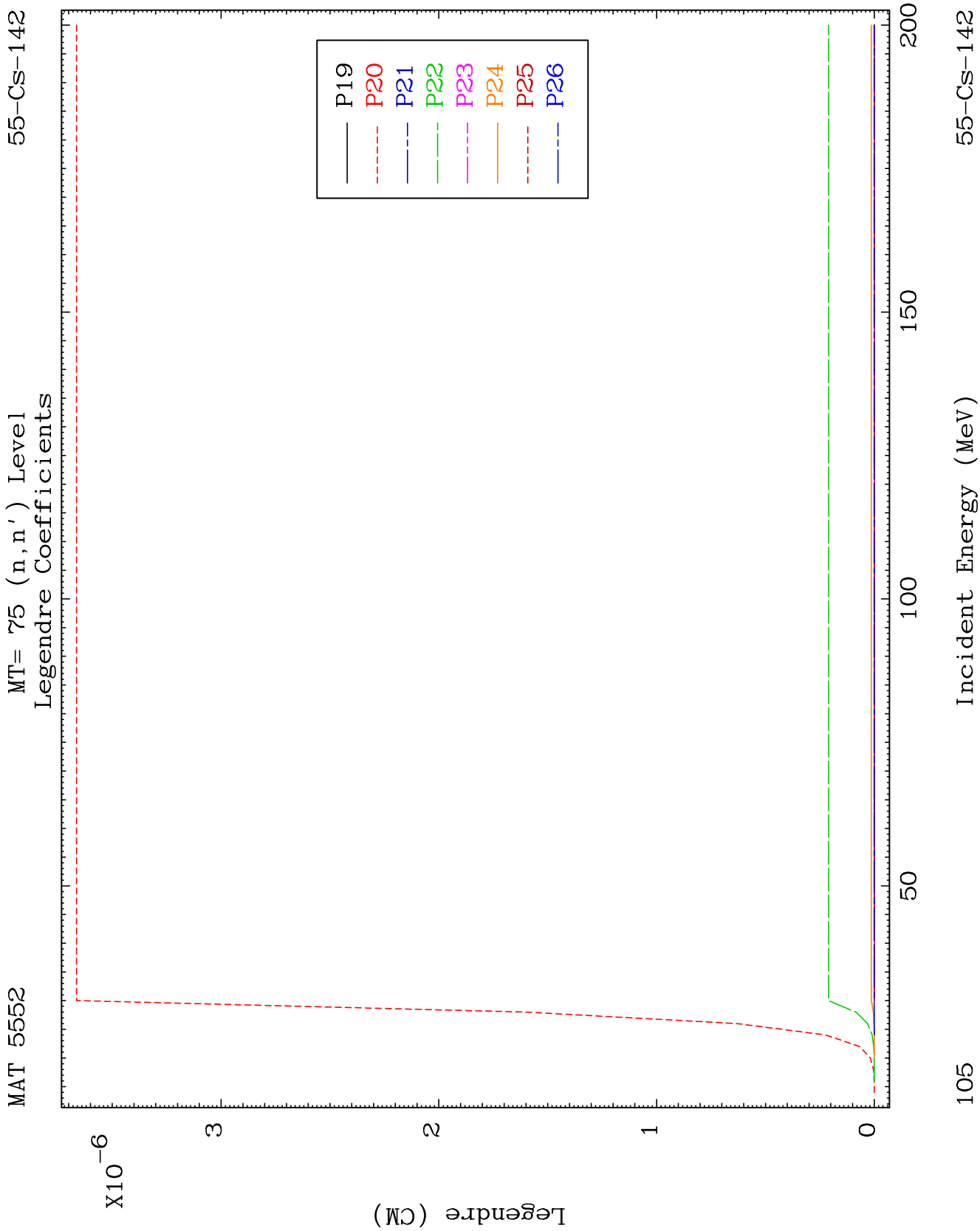








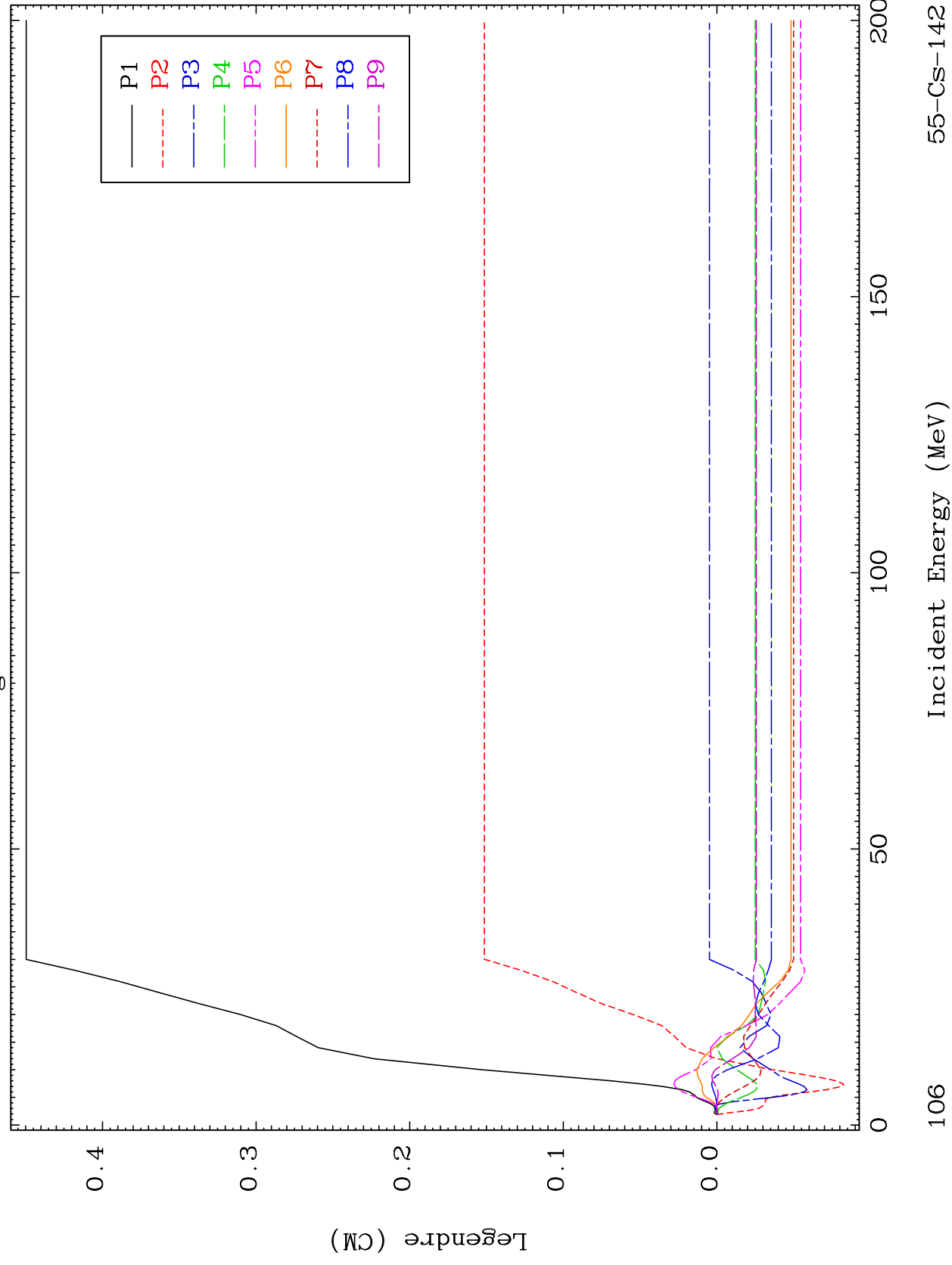


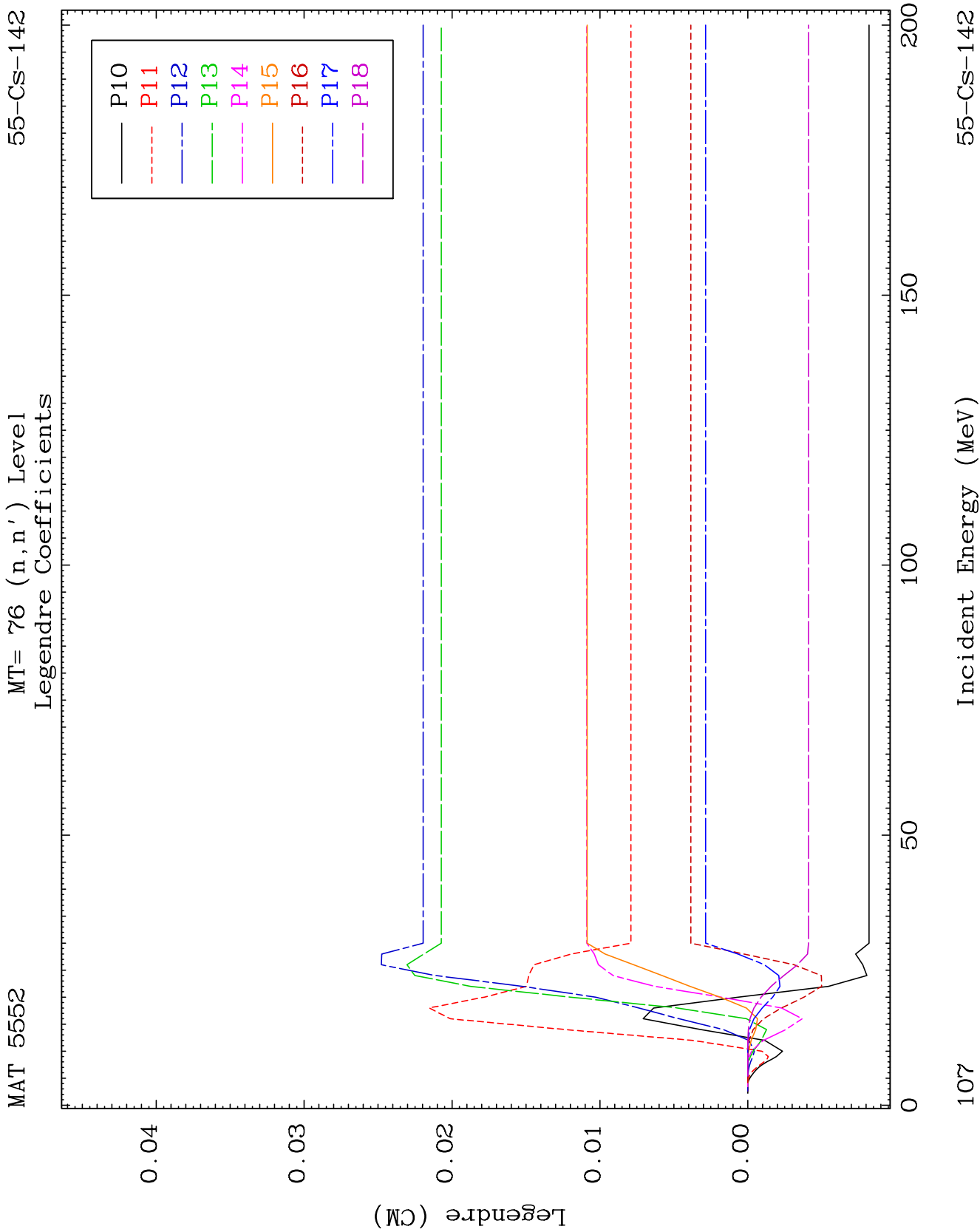


MAT 5552

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

55-CS-142

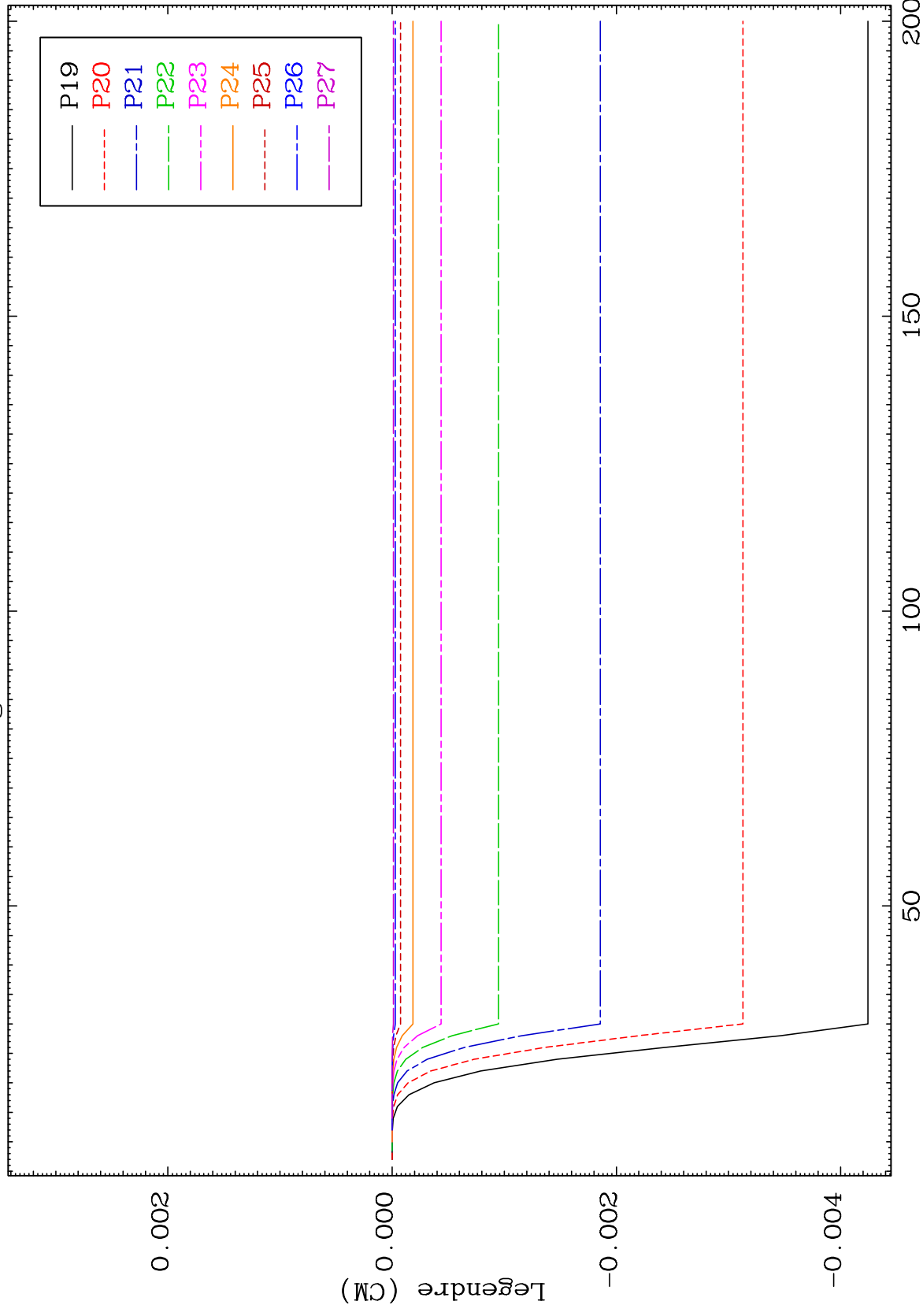




MAT 5552

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

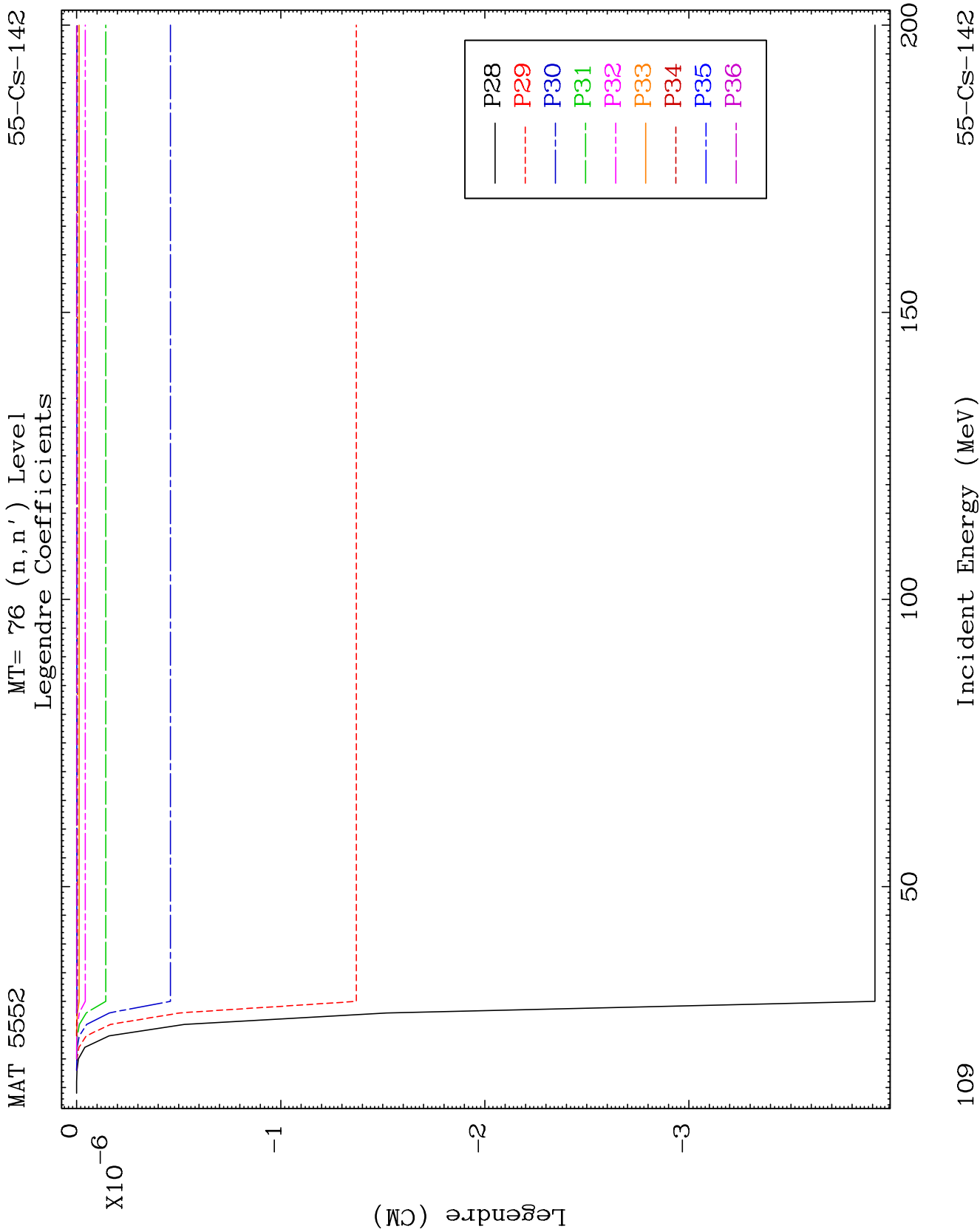
55-CS-142



108

Incident Energy (MeV)

55-CS-142

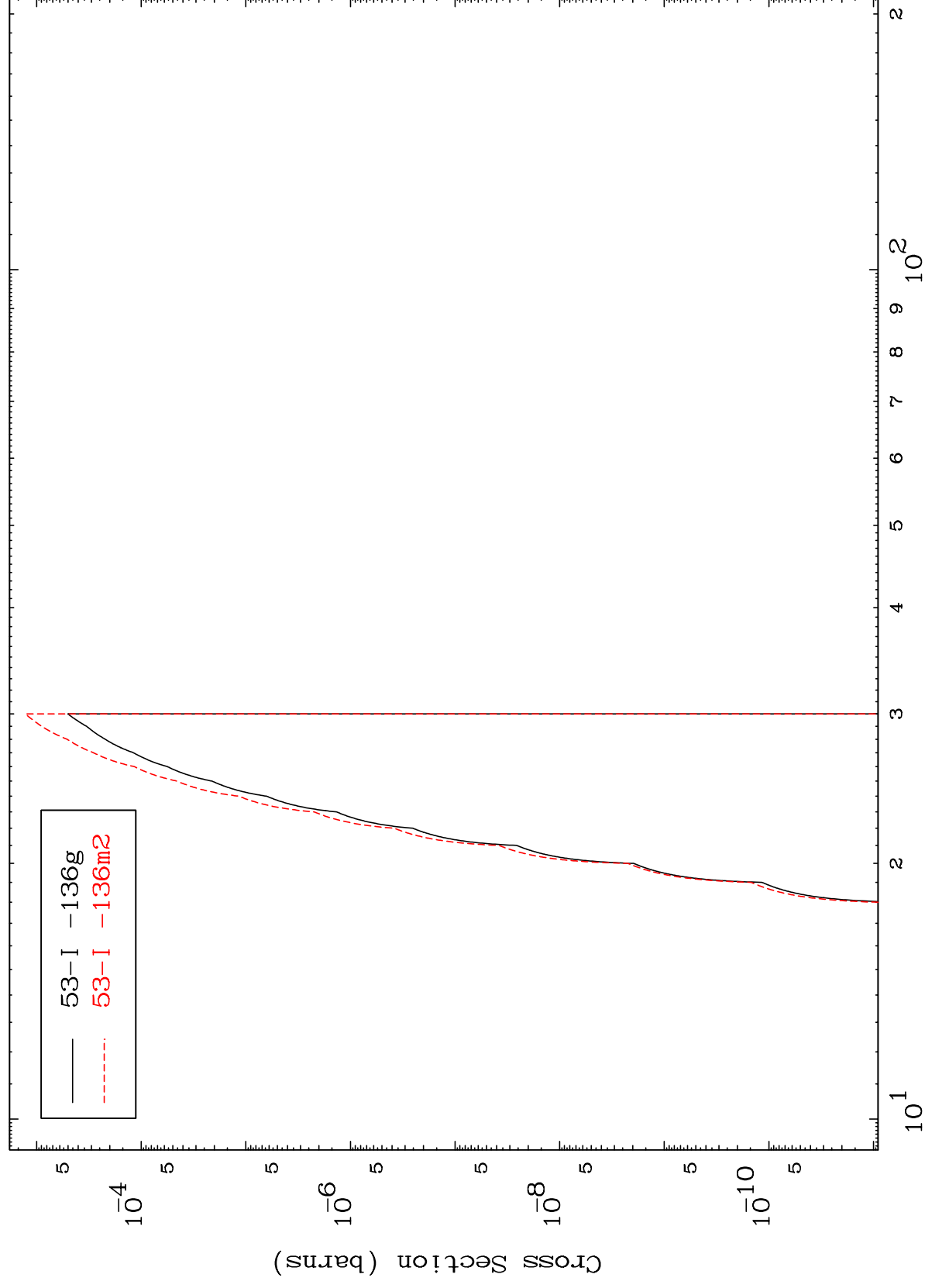


MAT 5552

$$(n, 3n) \propto$$

55-CS-142

Radionuclide Production Cross Section



110

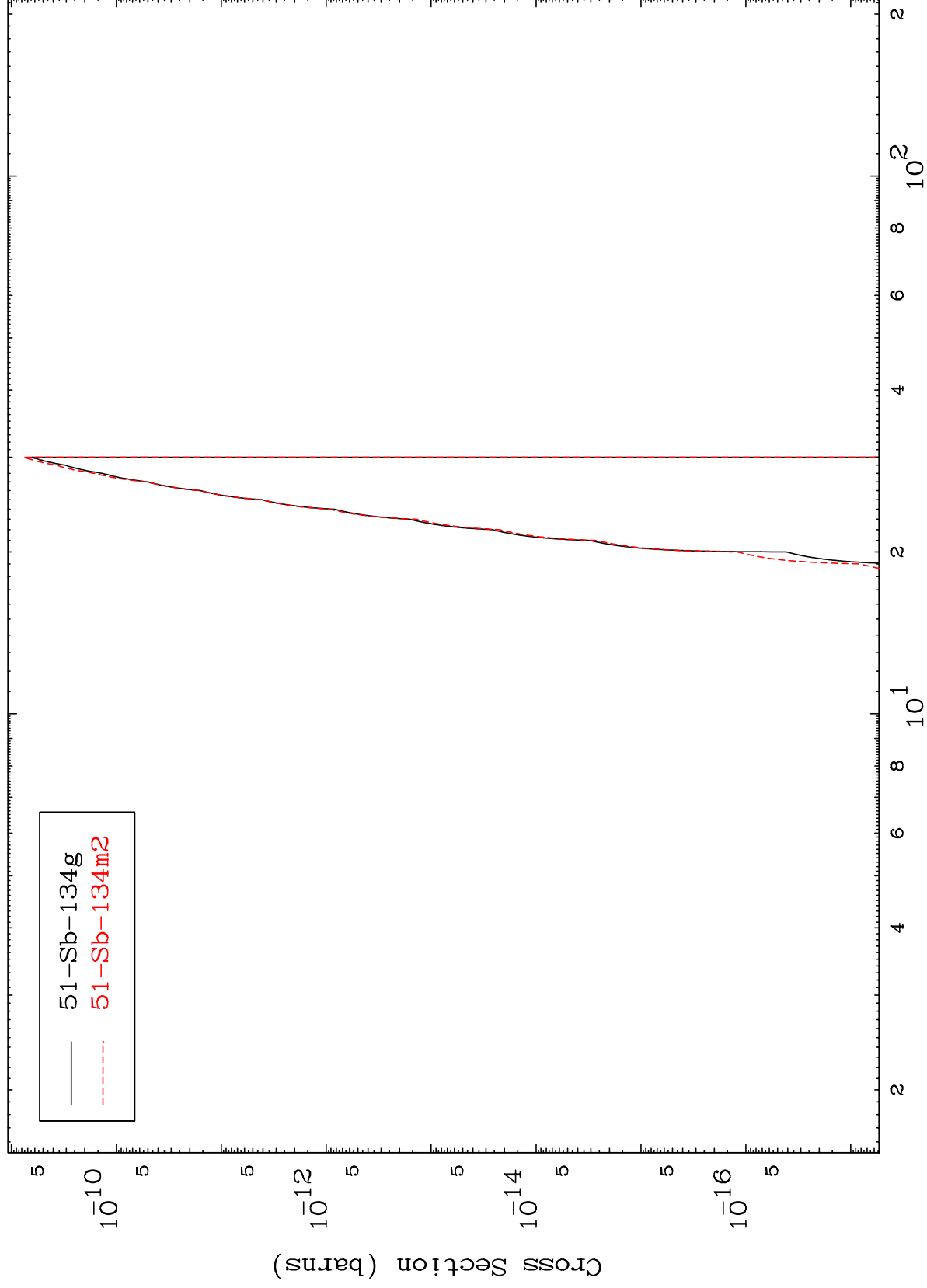
Incident Energy (MeV)

55-CS-142

MAT 5552

55-Cs-142

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



111

Incident Energy (MeV)

55-Cs-142