

Program EVALPLOT
(Version 2021-1)

by

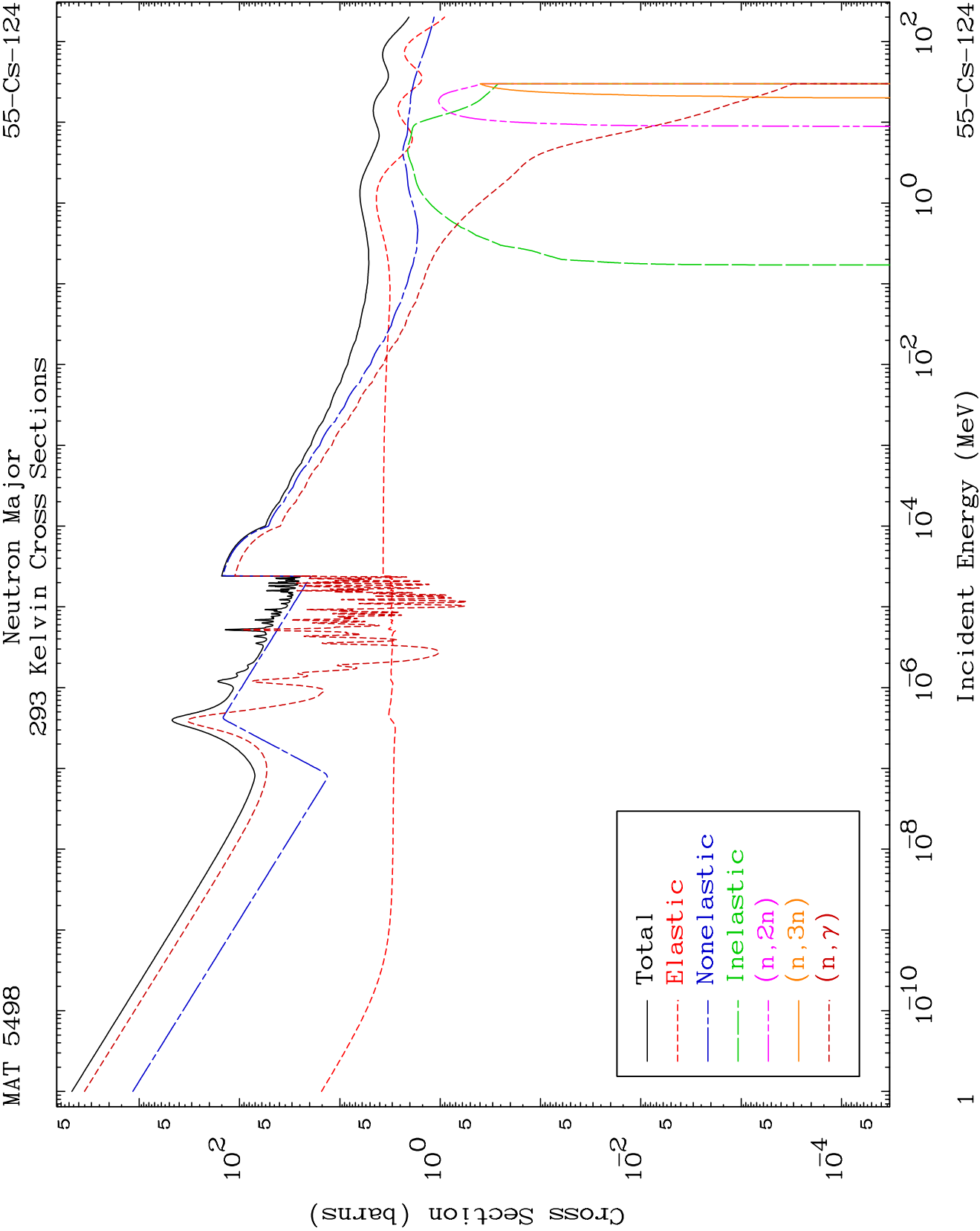
Dermott E. Cullen
(Present Contact Information)

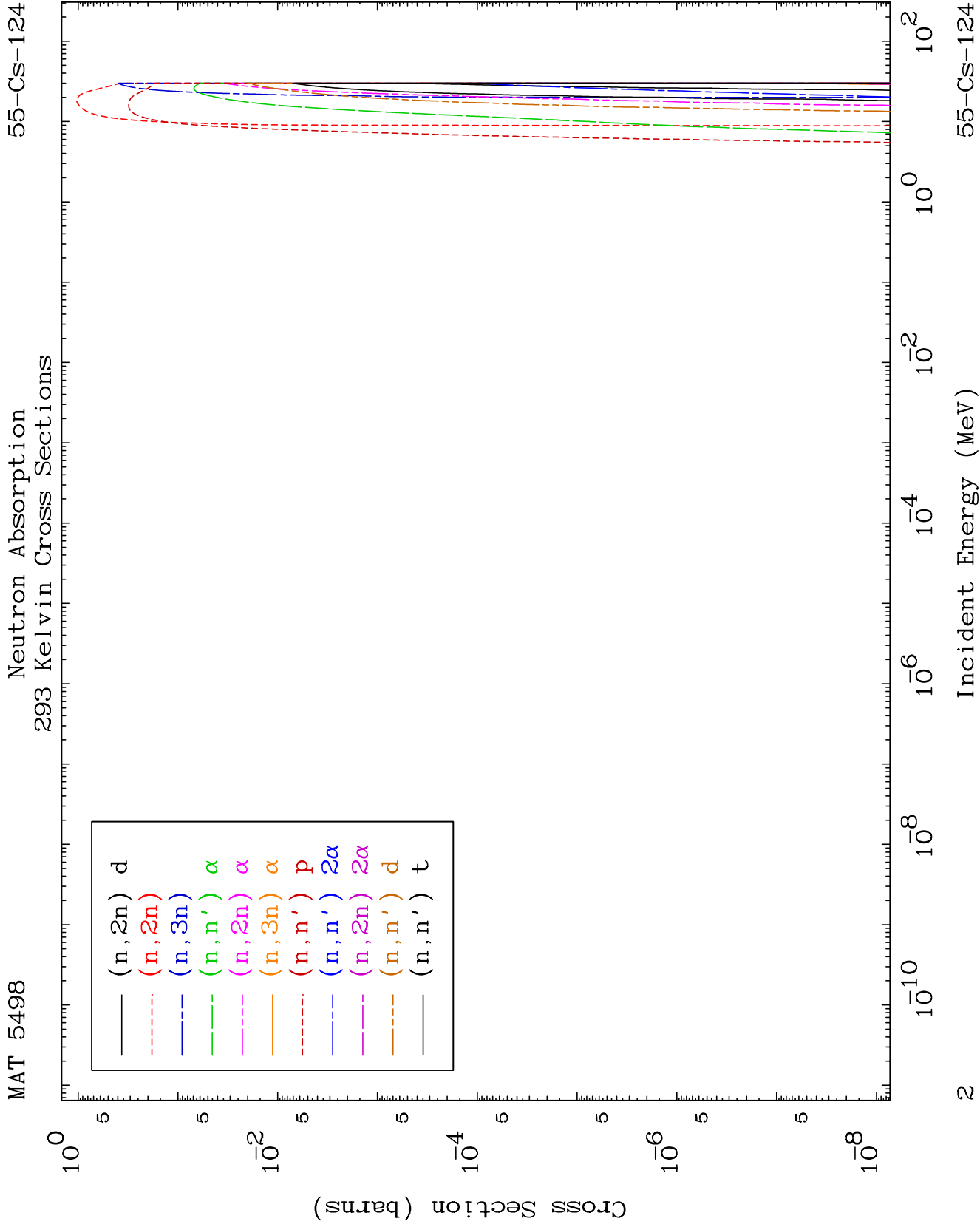
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

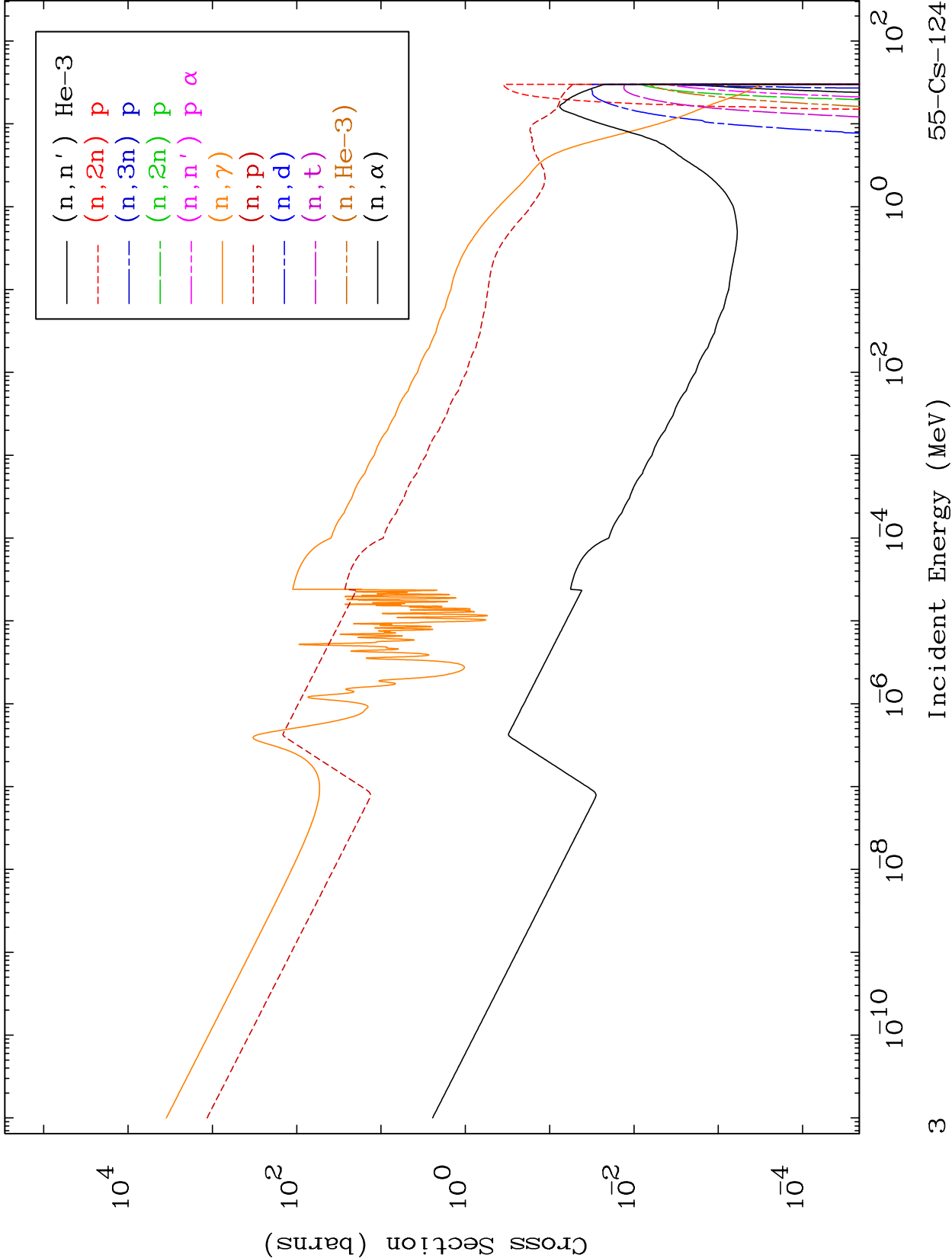
Tele: 925-443-1911

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

Press Mouse Button to Start



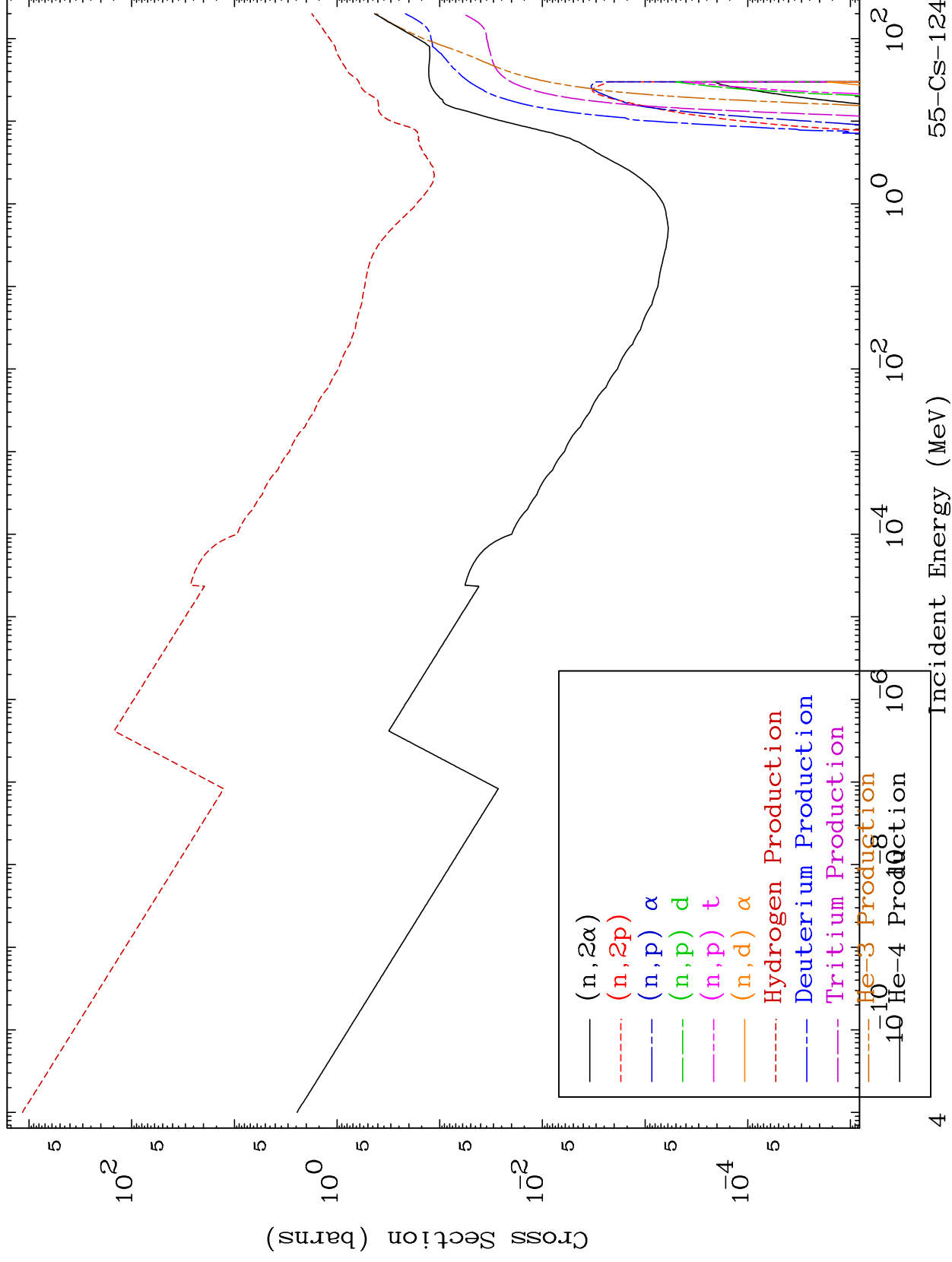




MAT 5498

Neutron Absorption
293 Kelvin Cross Sections

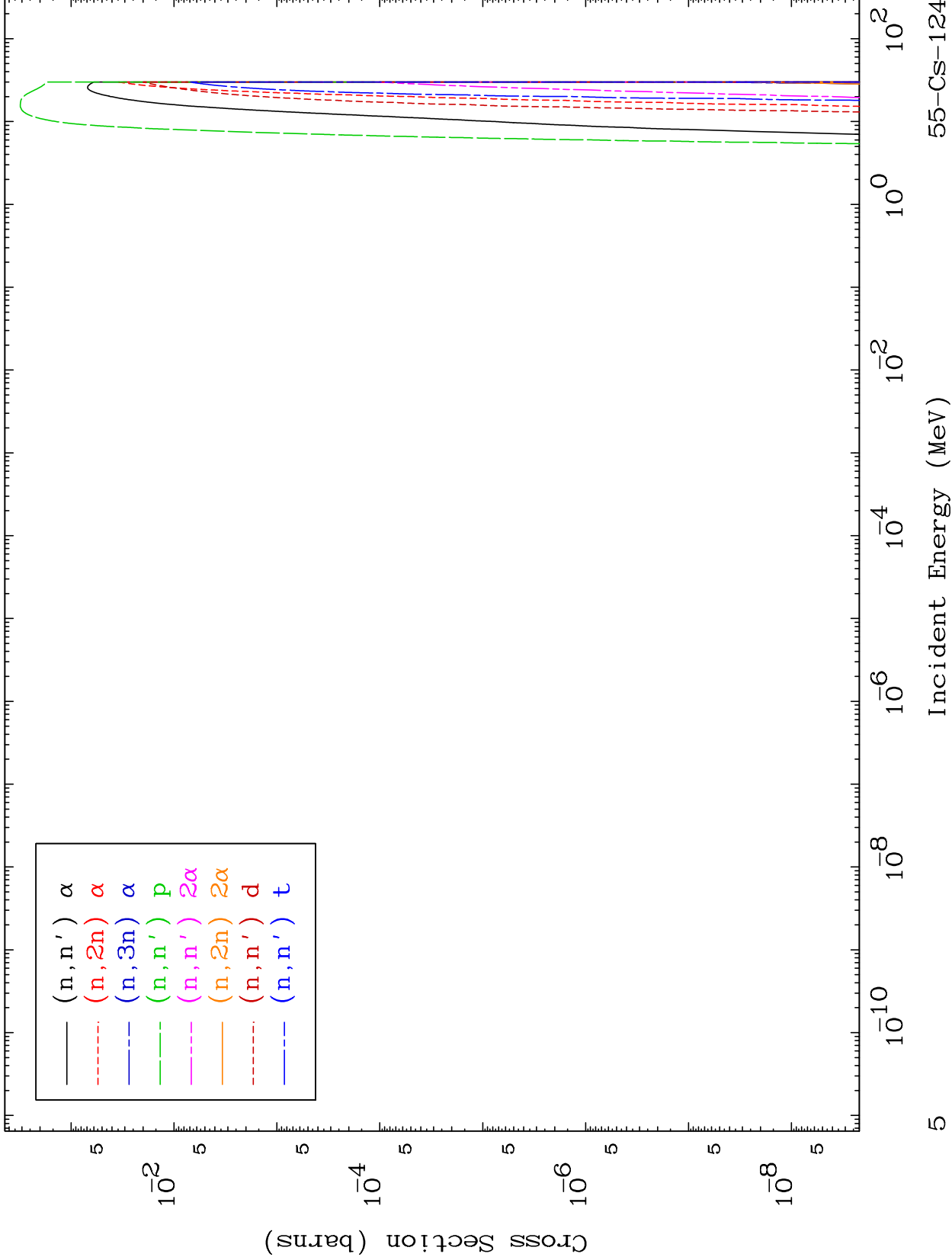
55-Cs-124

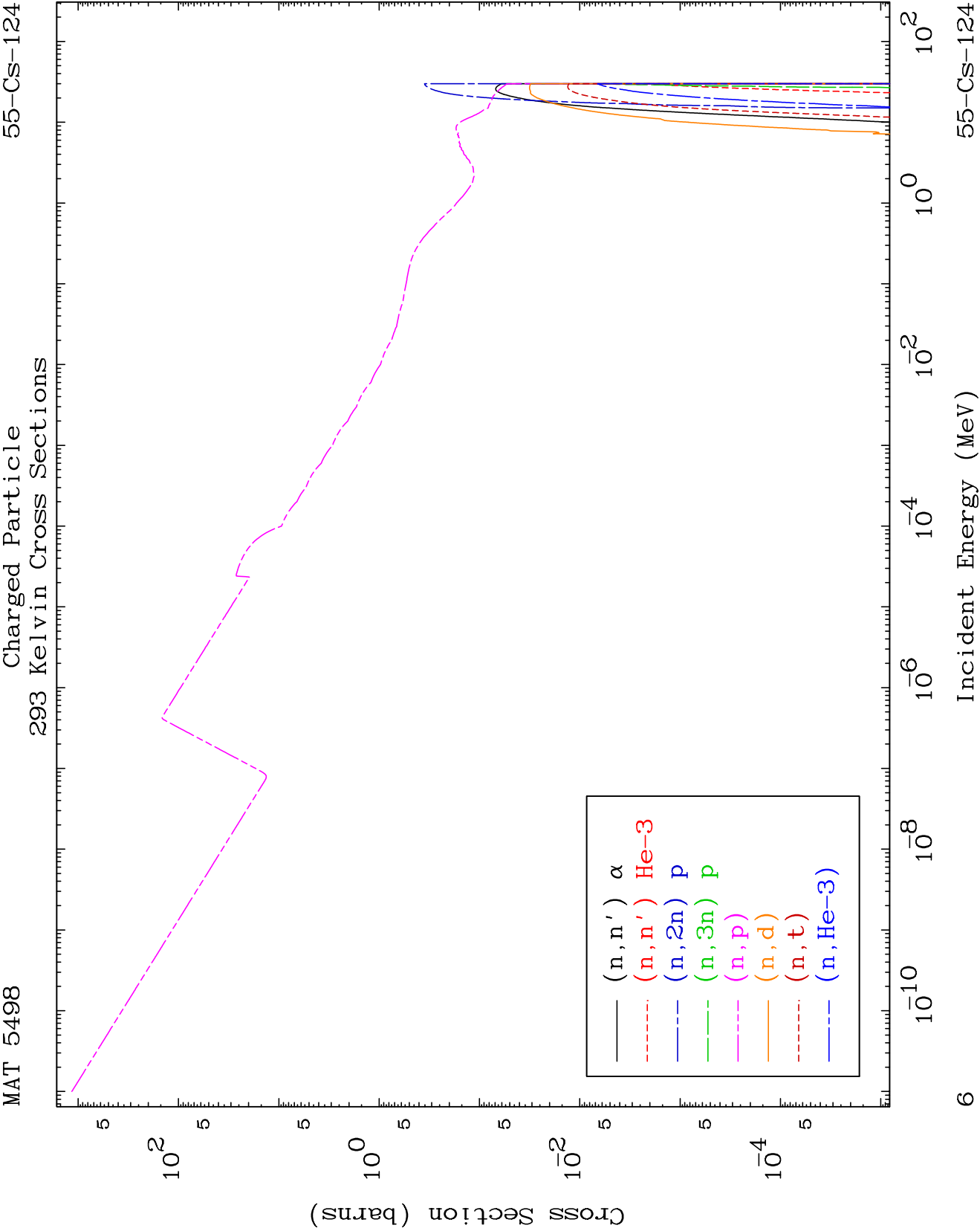


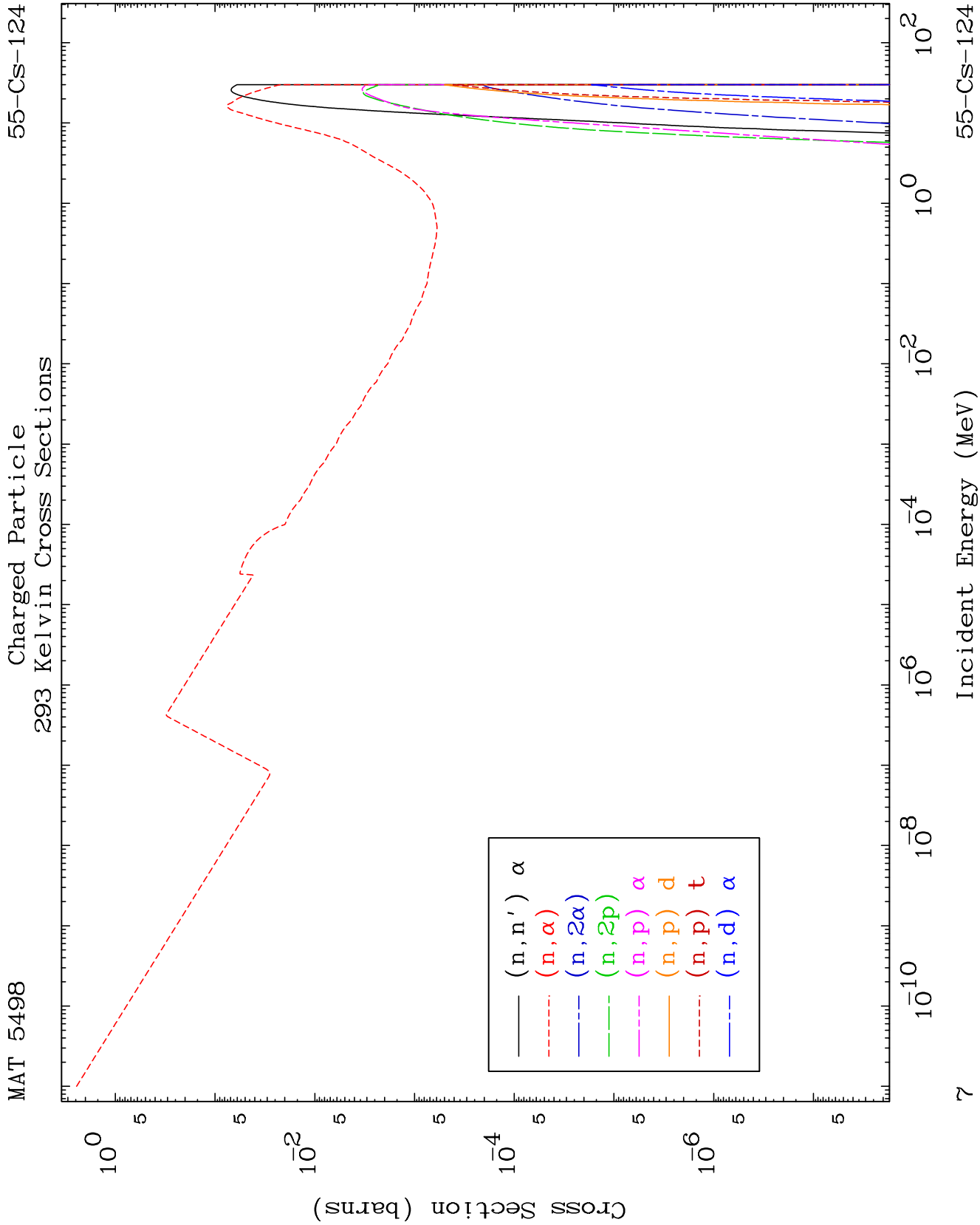
MAT 5498

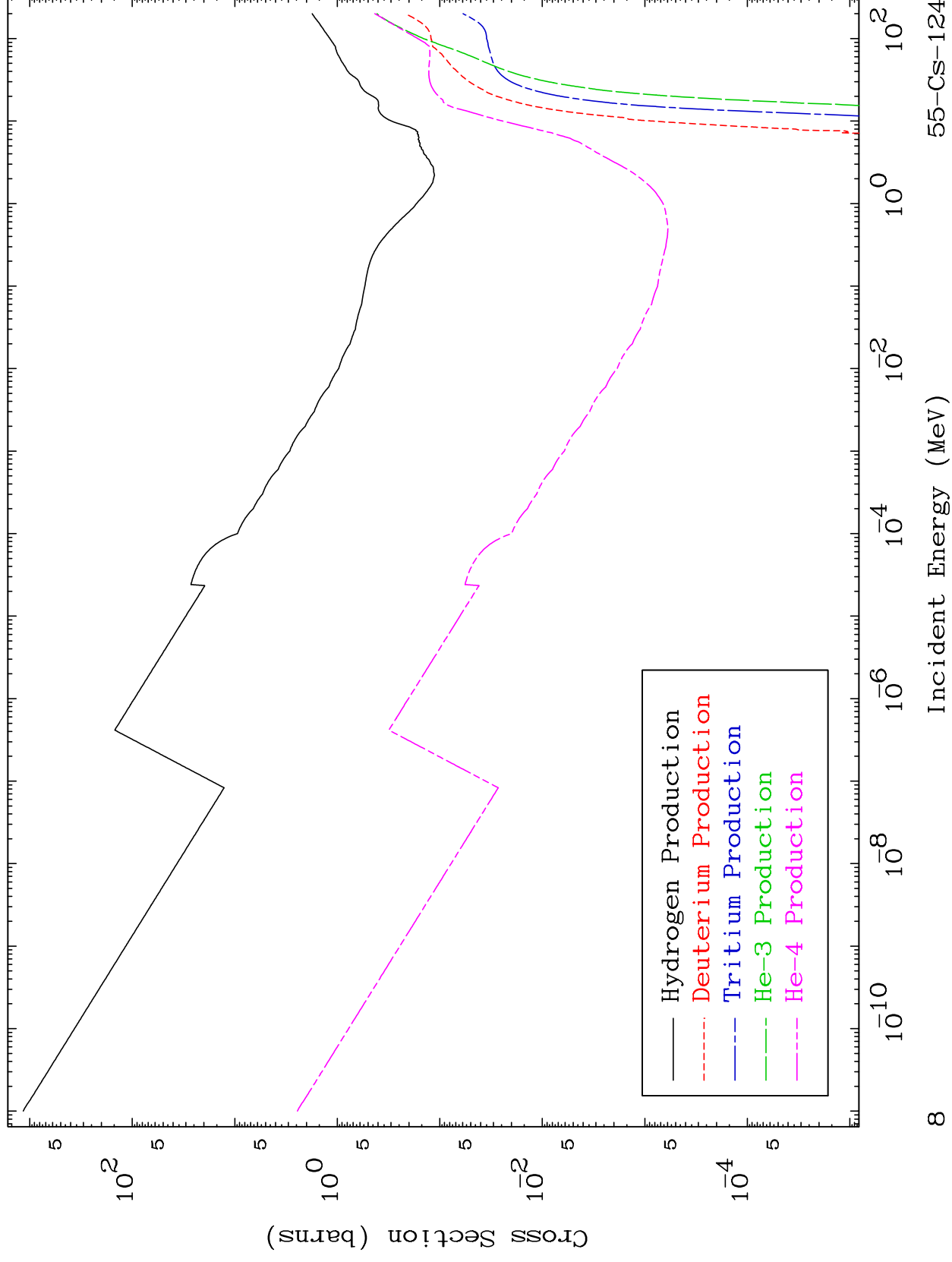
Charged Particle
293 Kelvin Cross Sections

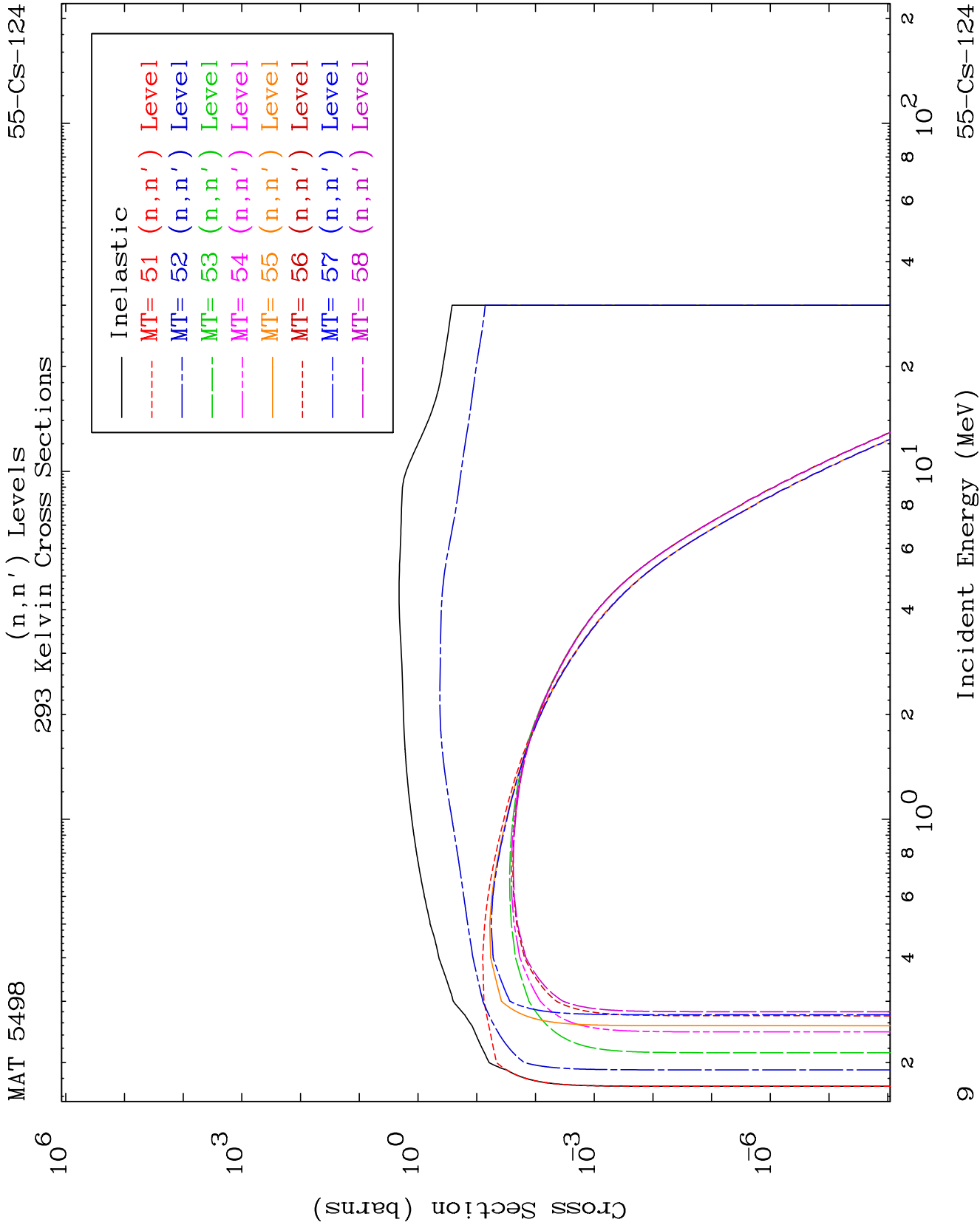
55-Cs-124









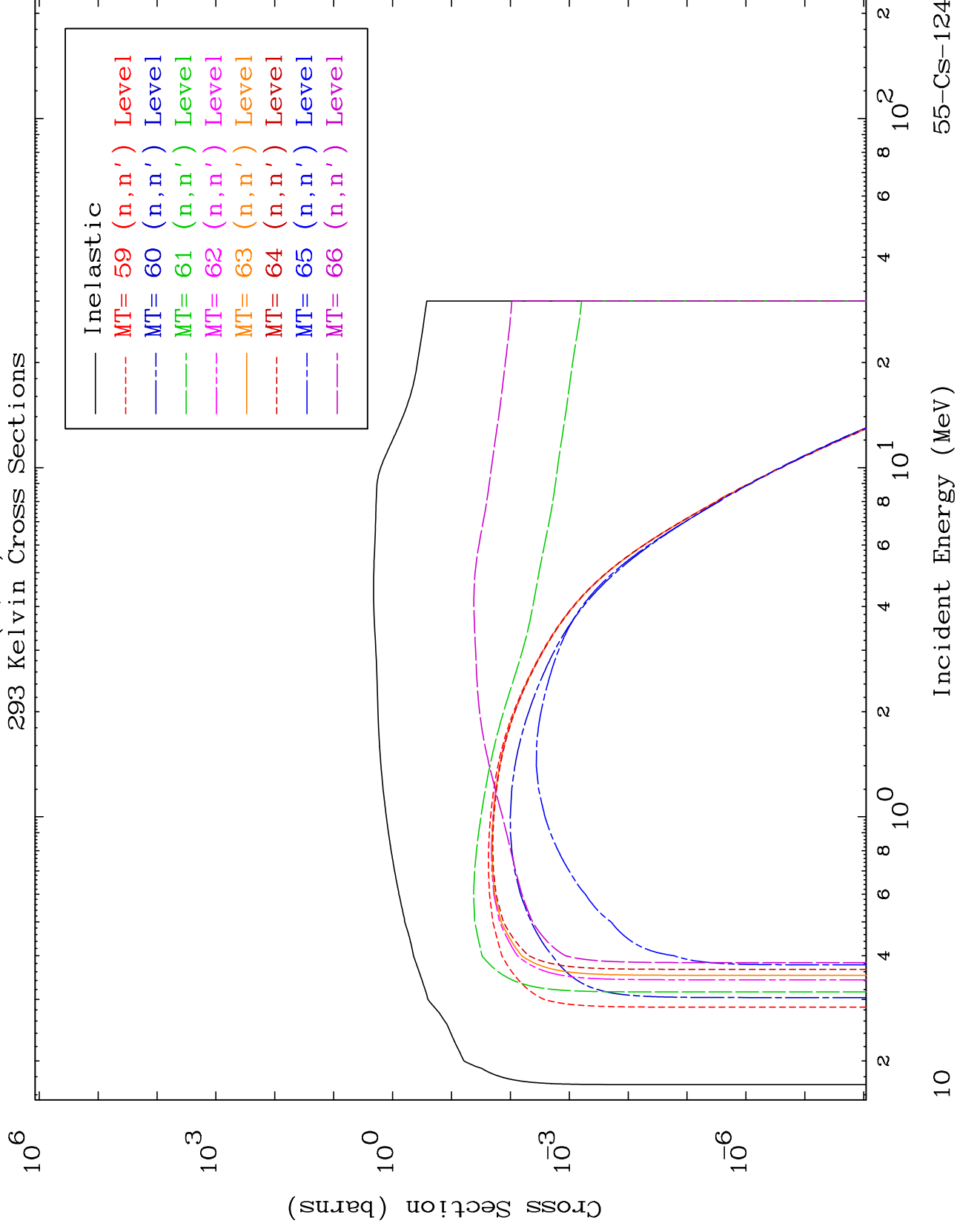


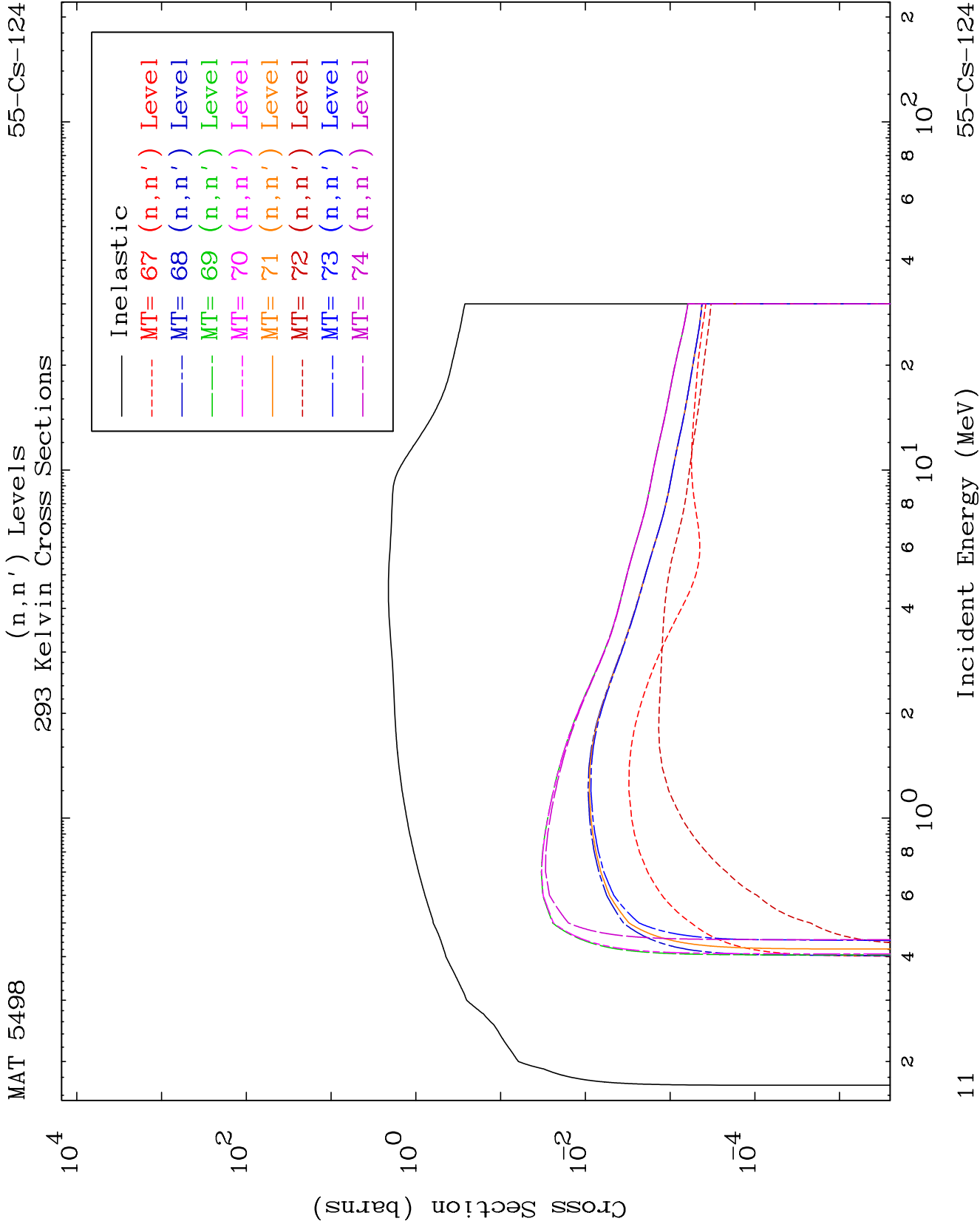
MAT 5498

(n, n') Levels

(n, n') Levels
293 Kelvin Cross Sections

55-CS-124



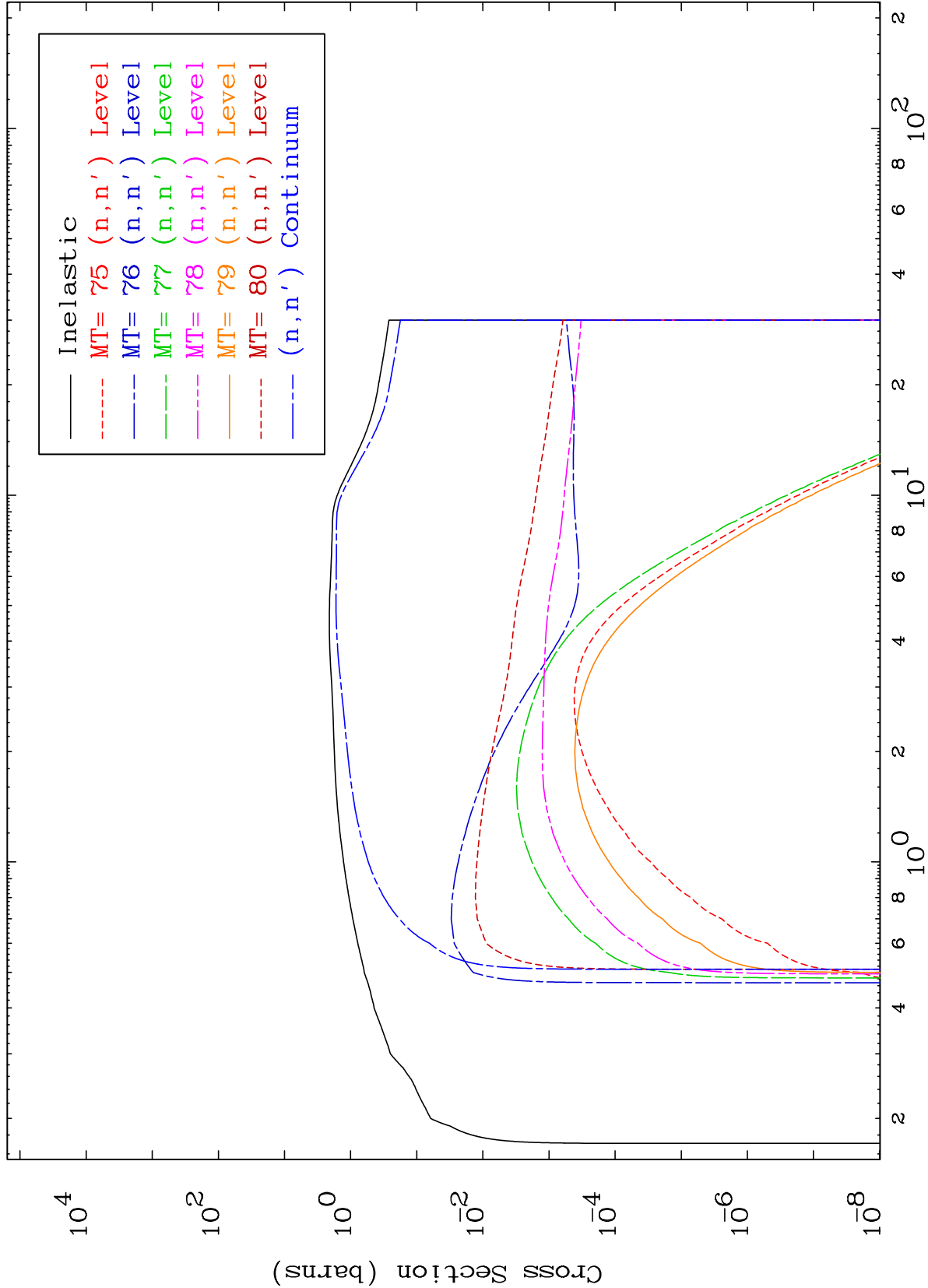


MAT 5498

(n,n') Levels

293 Kelvin Cross Sections

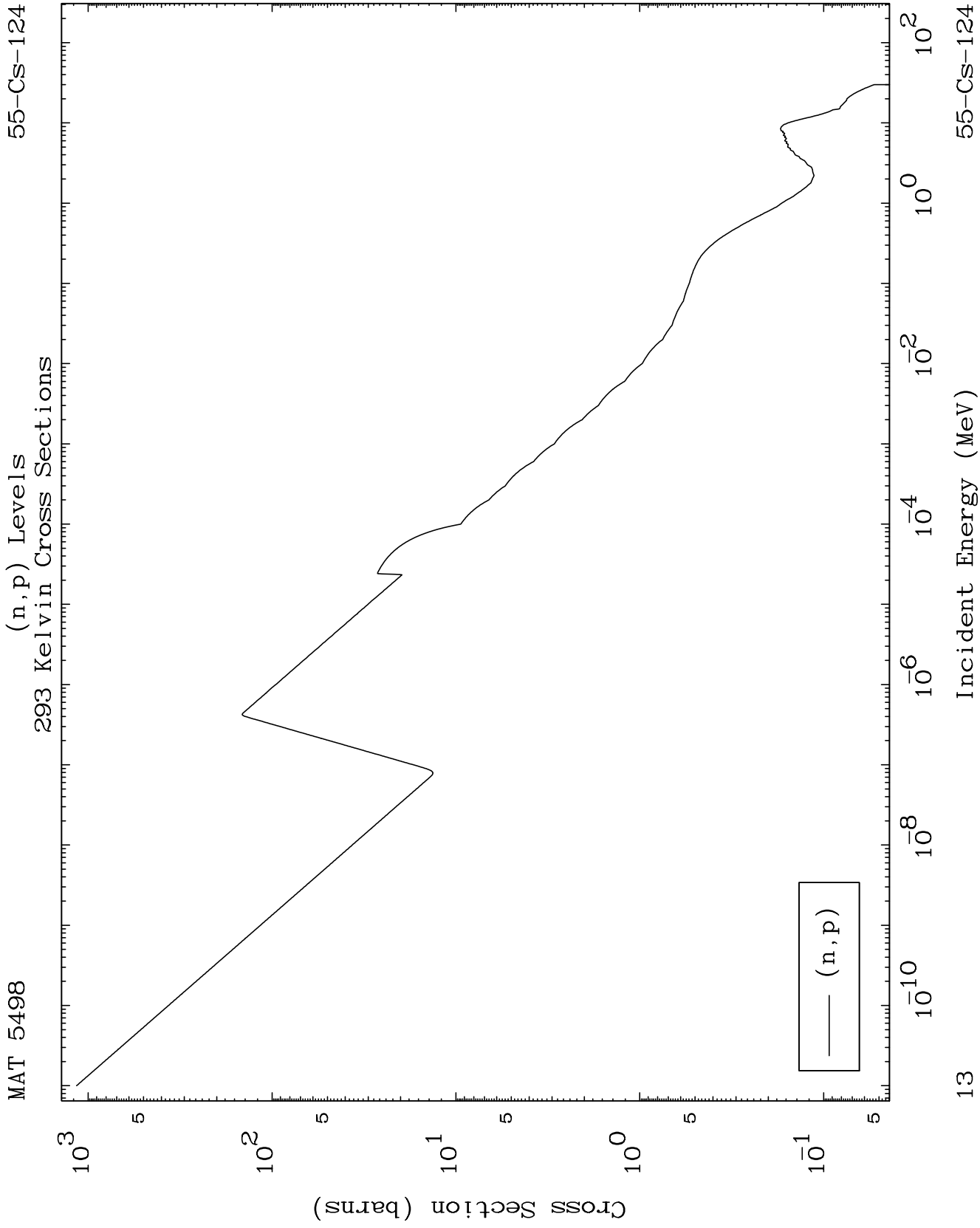
55-Cs-124



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Incident Energy (MeV)

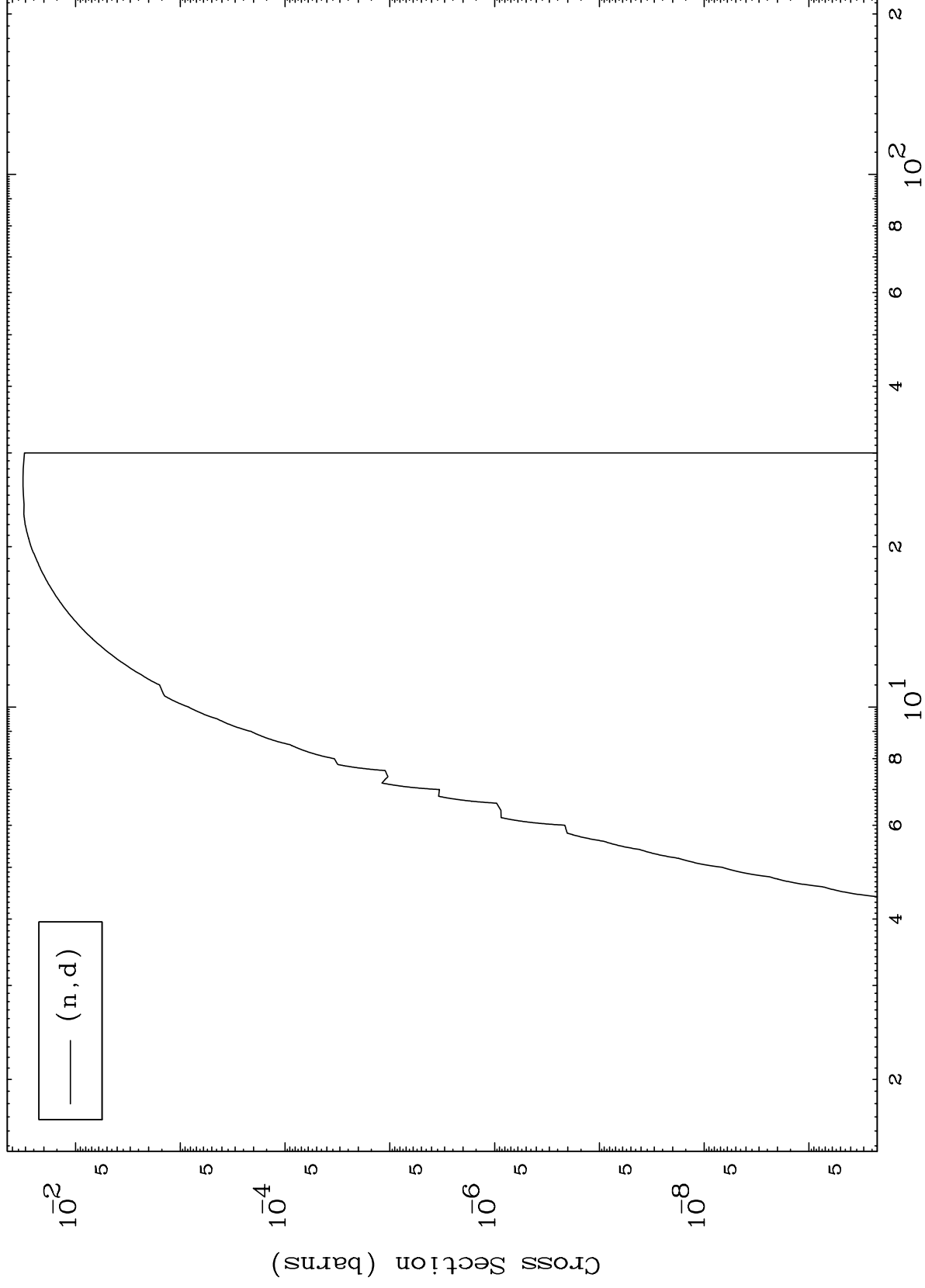
55-Cs-124



MAT 5498

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-124



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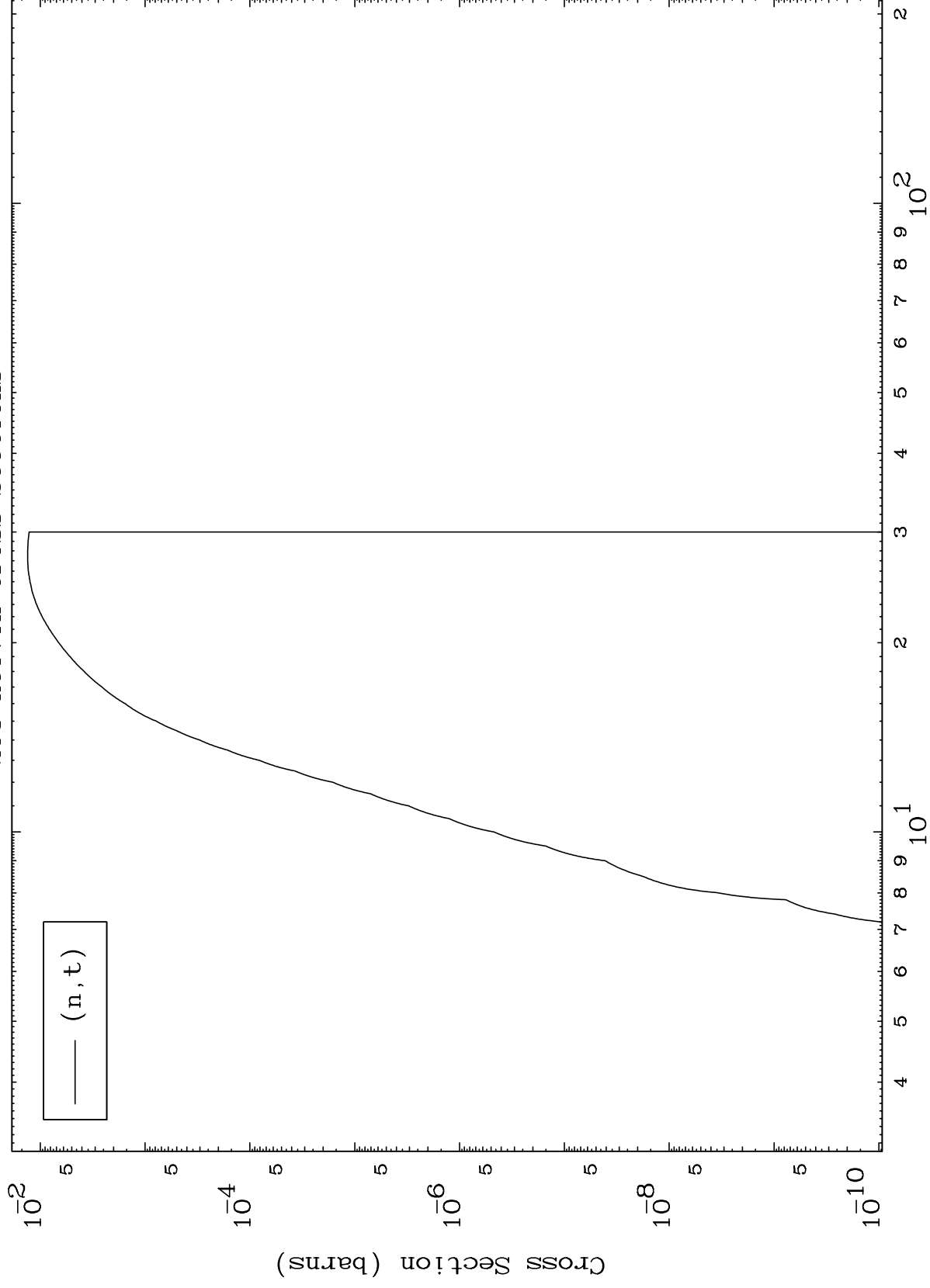
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

(n,t) Levels
293 Kelvin Cross Sections



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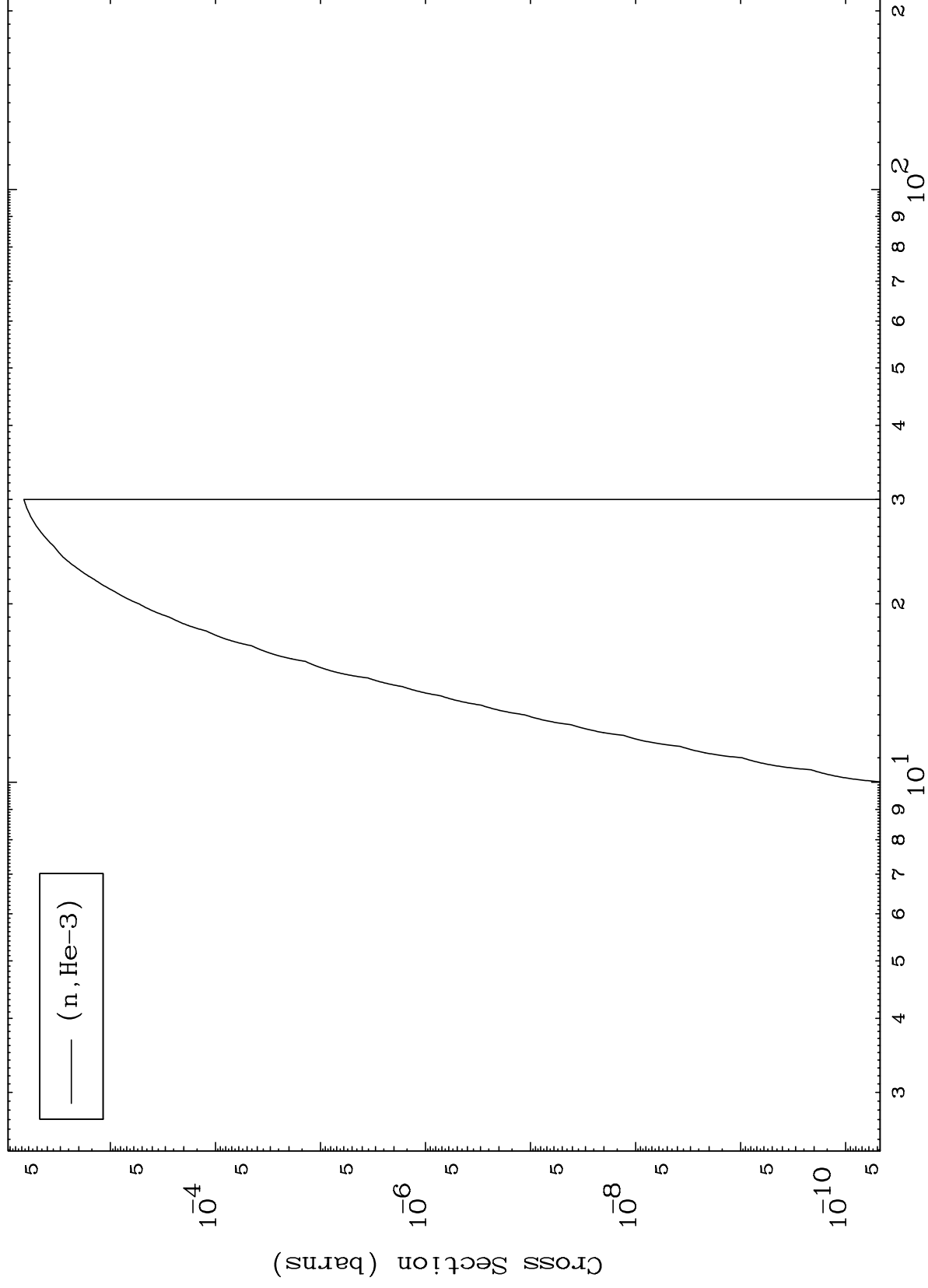
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-124



16

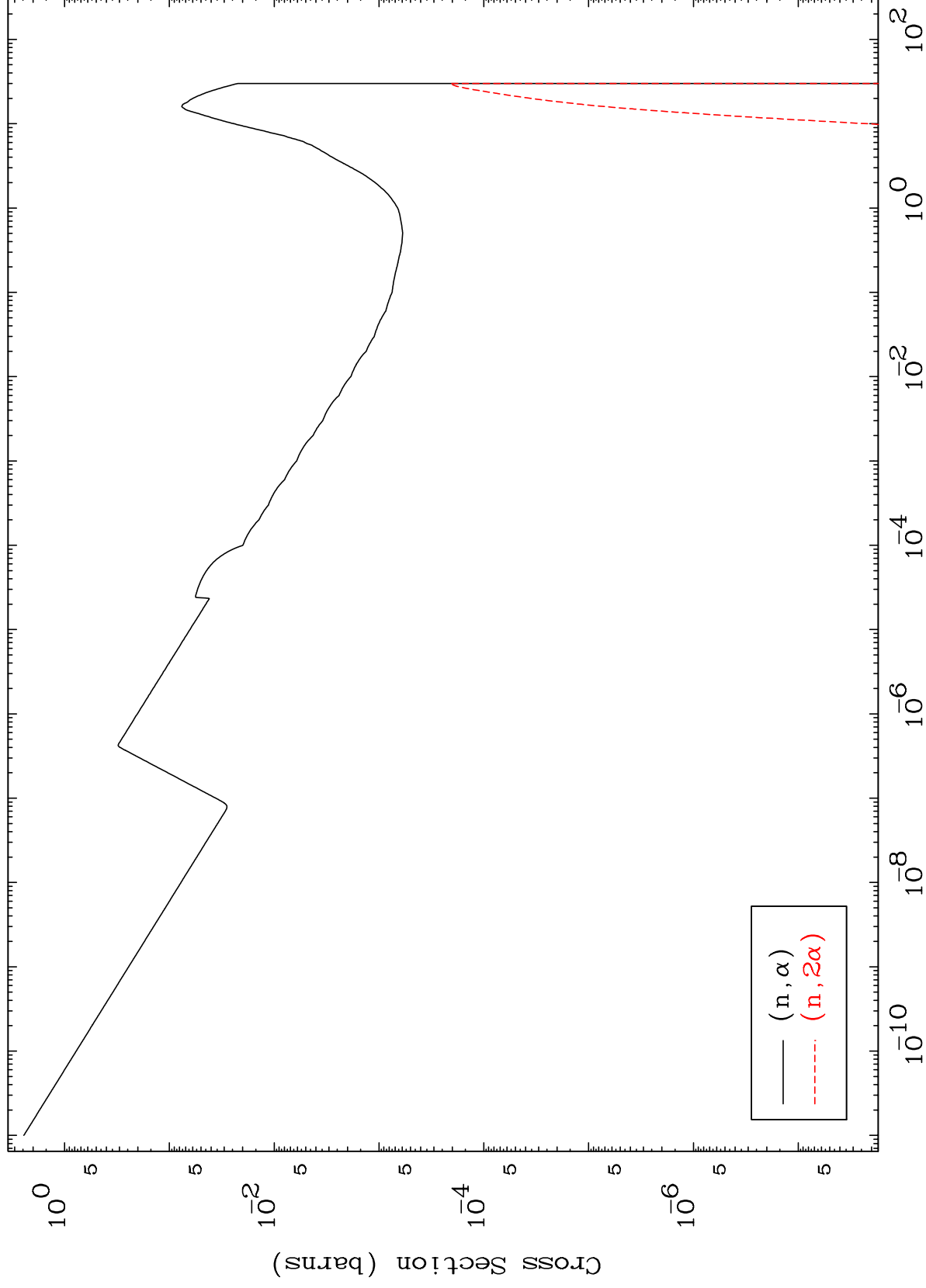
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n, α) Levels
293 Kelvin Cross Sections

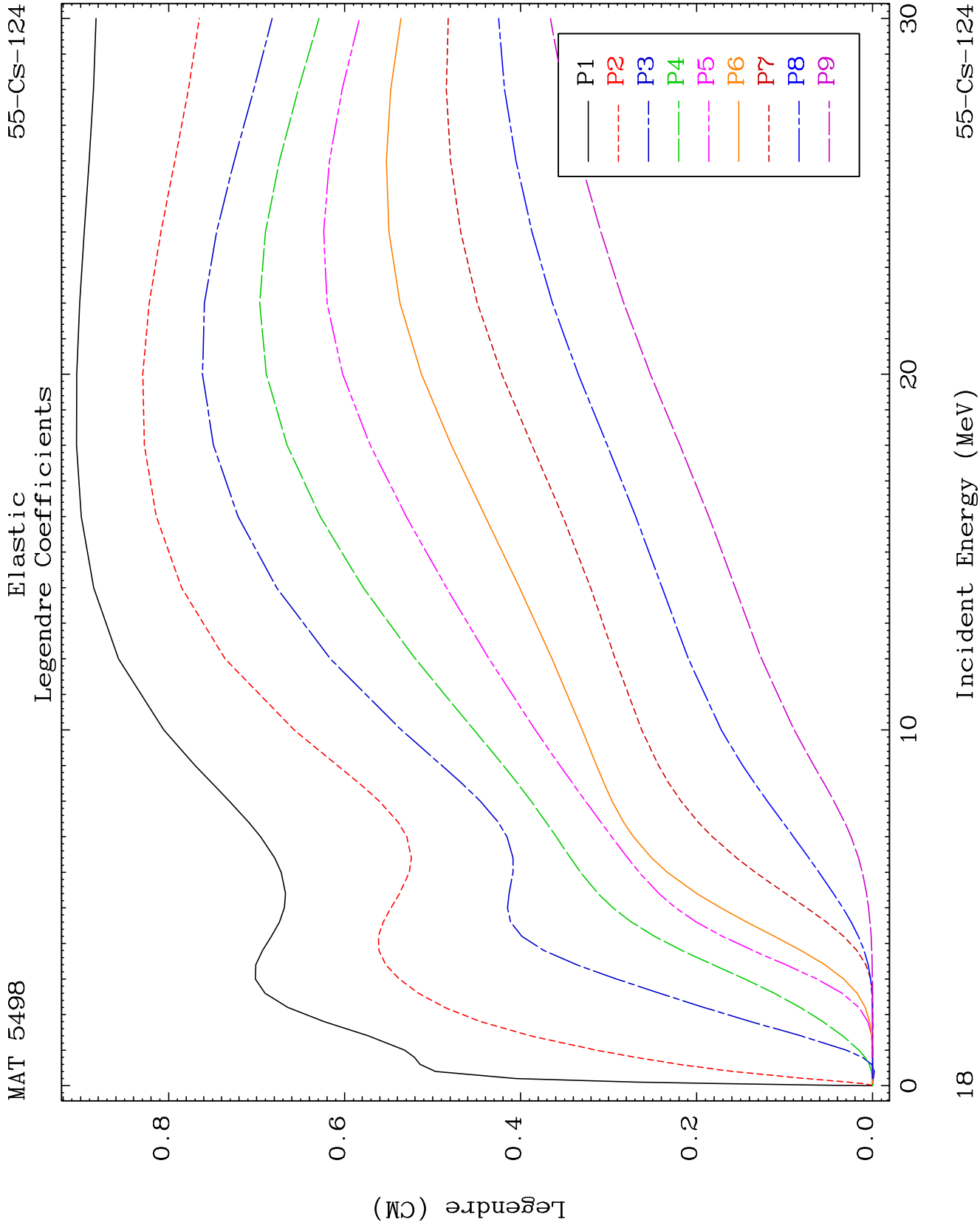
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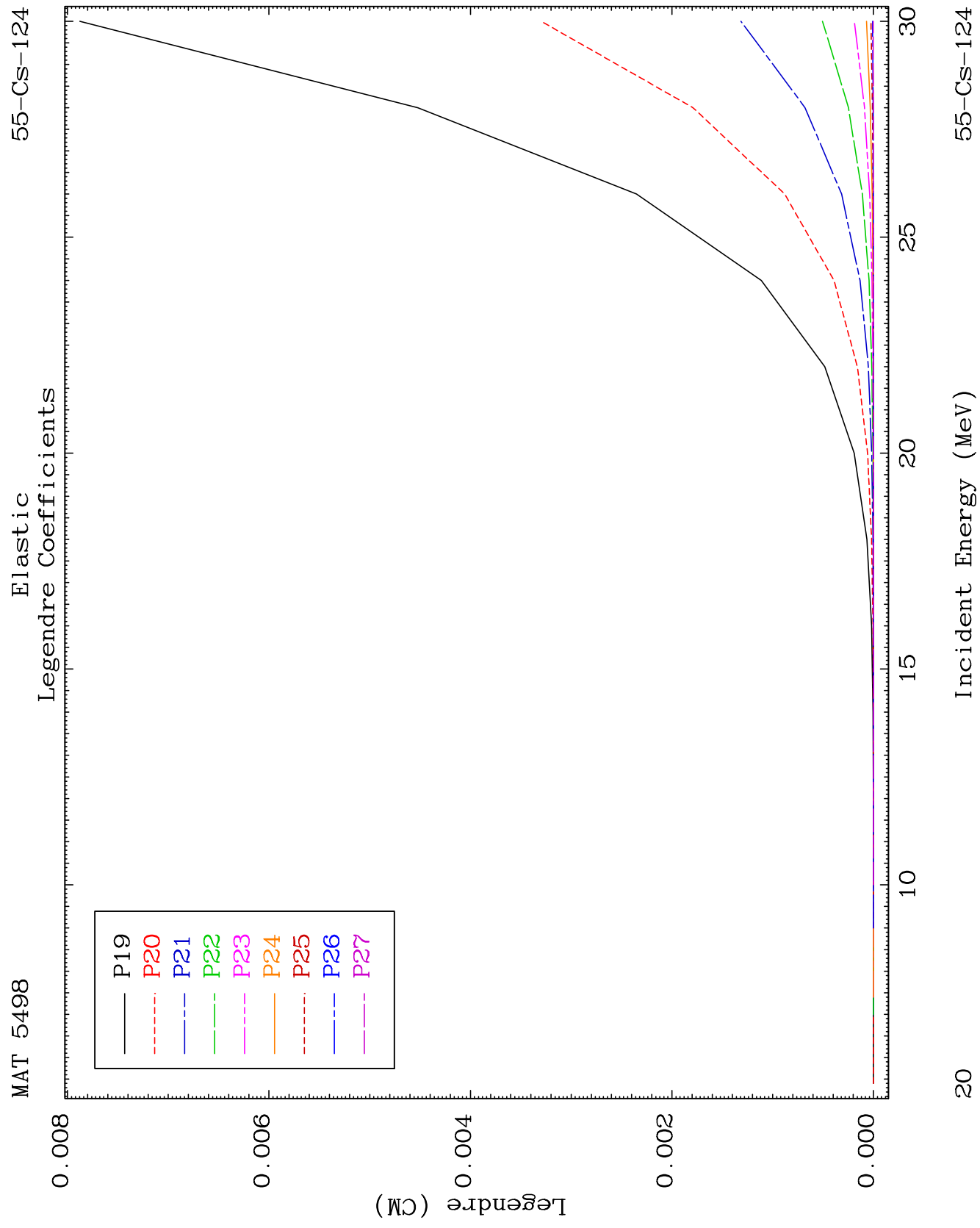


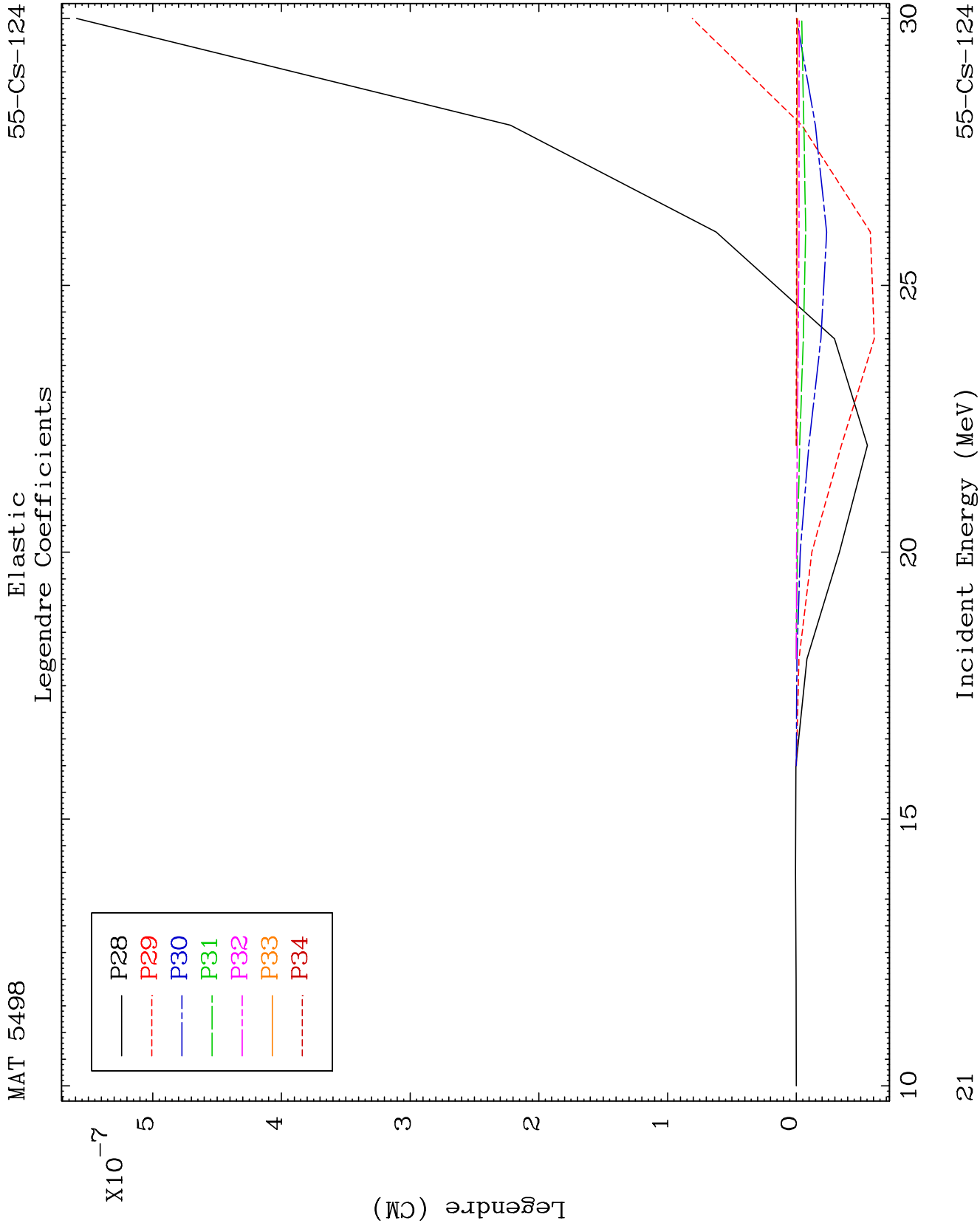
17

Incident Energy (MeV)

55-Cs-124



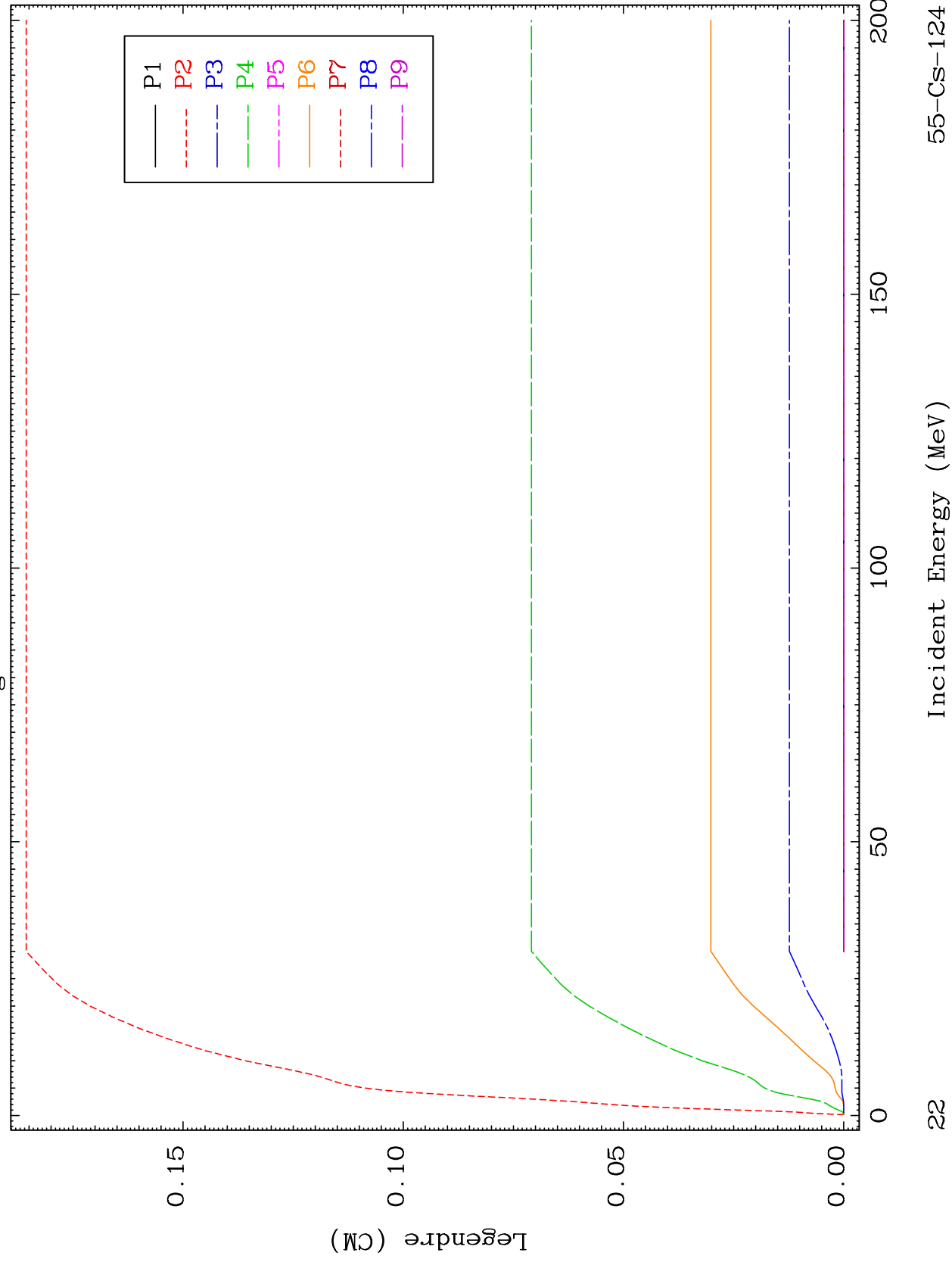


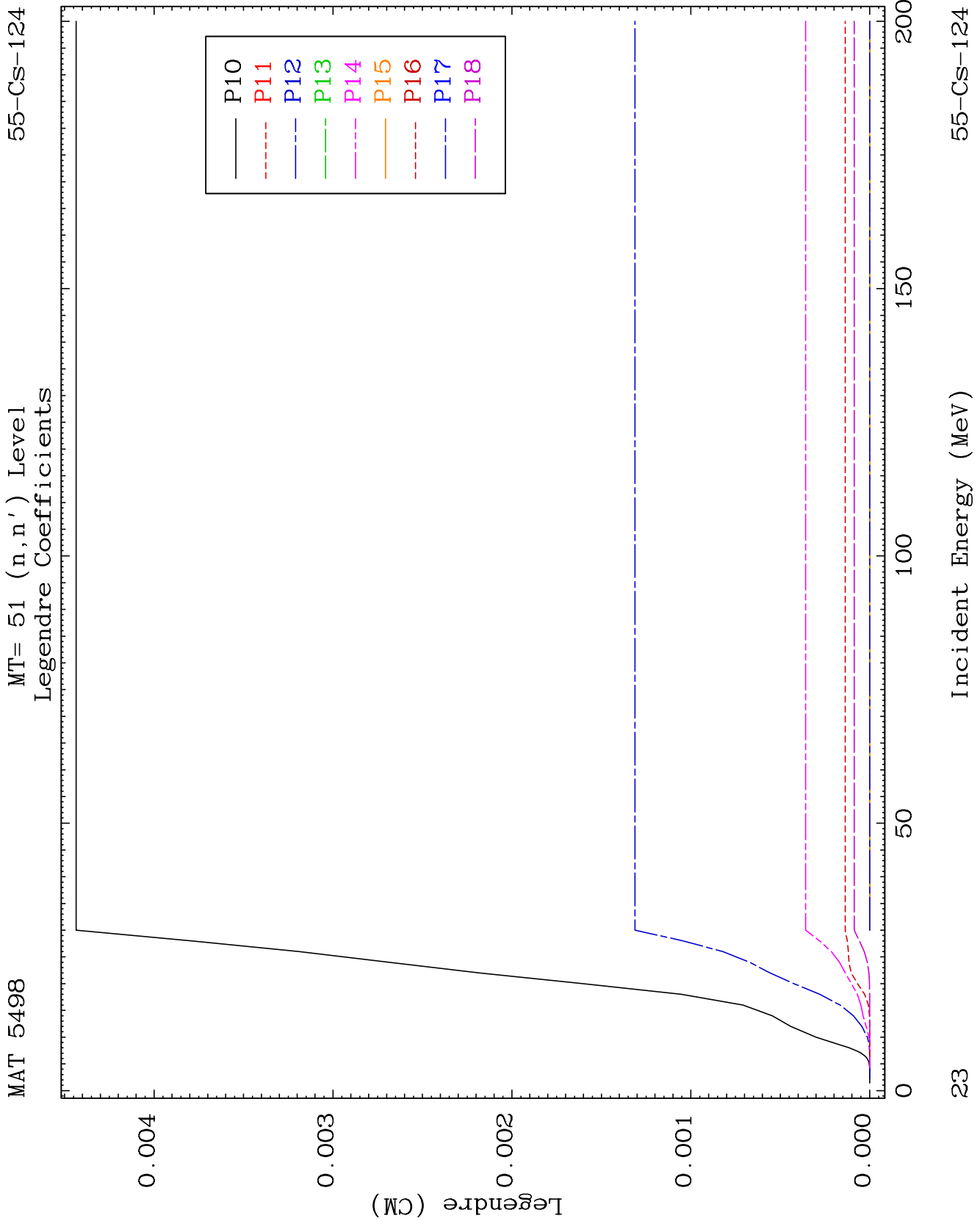


MAT 5498

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

55-Cs-124

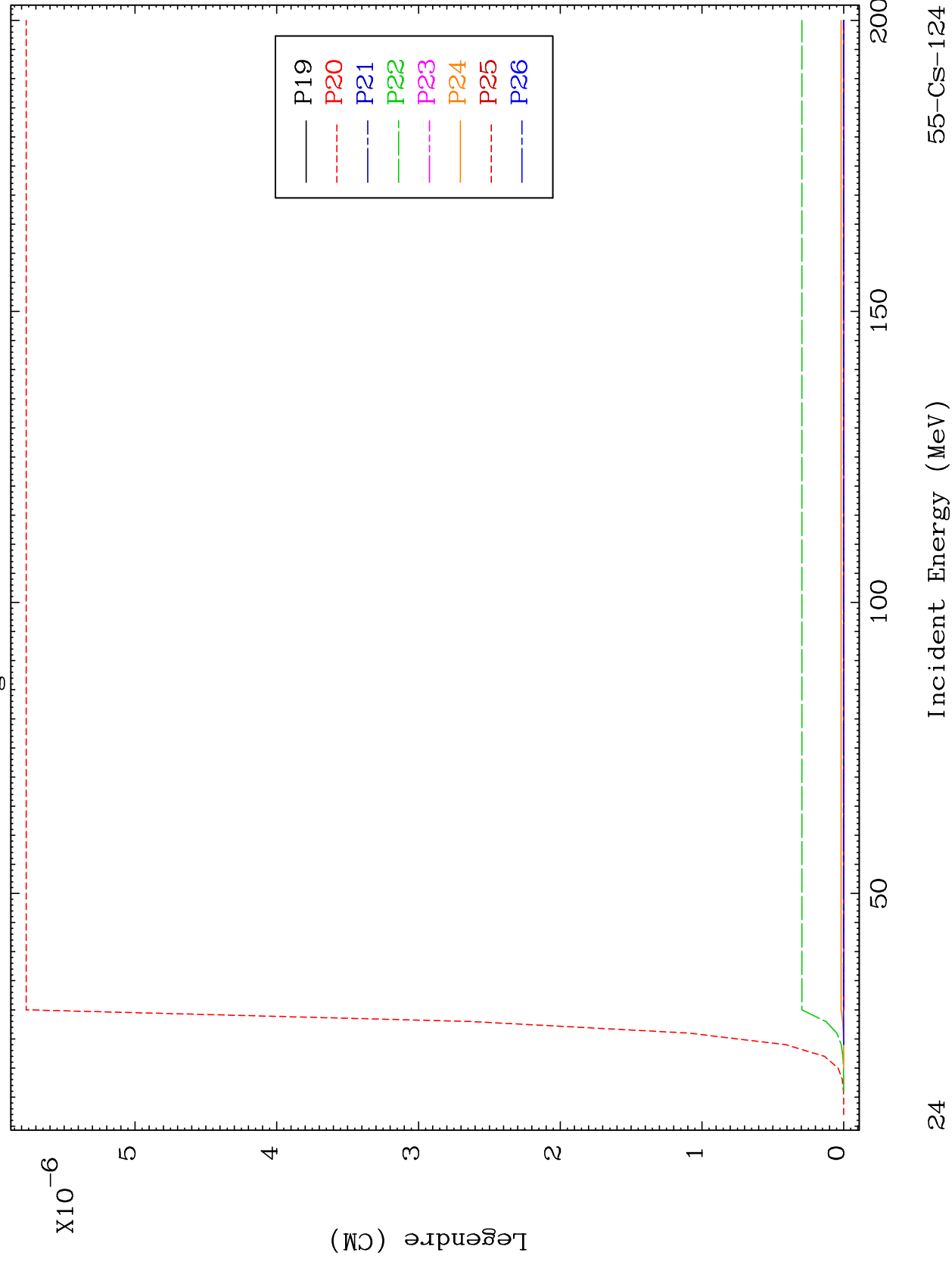


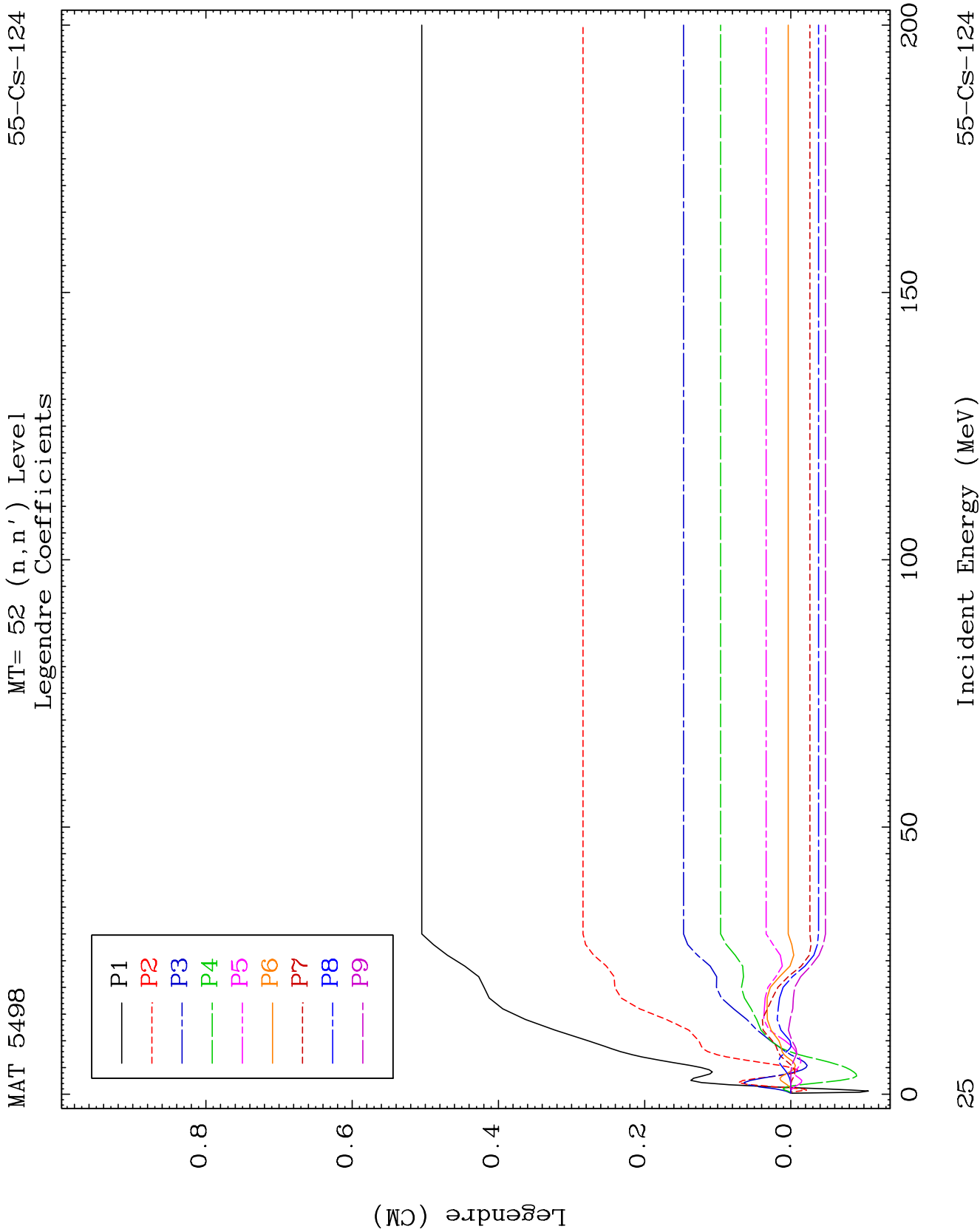


MAT 5498

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

55-CS-124

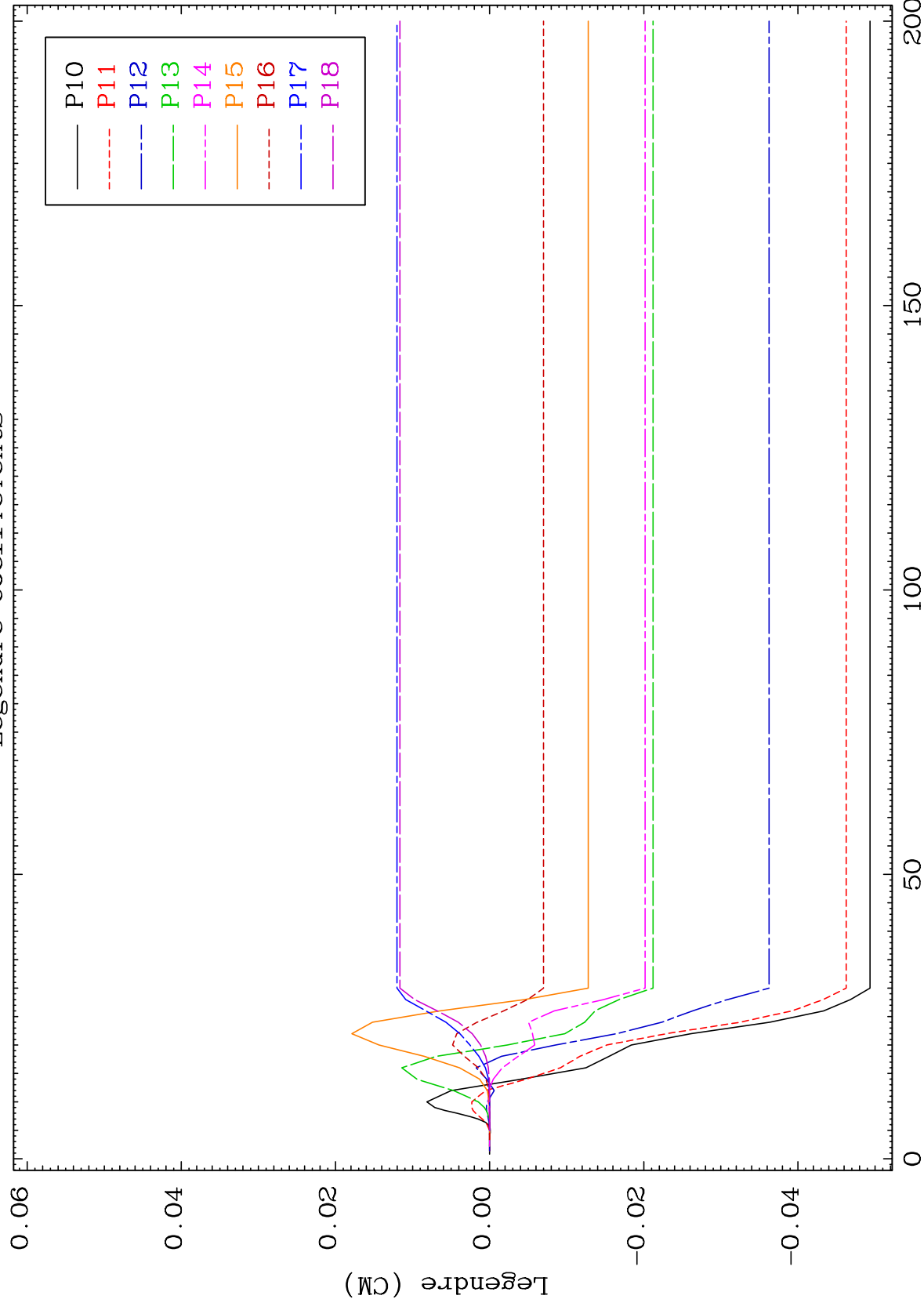




MAT 5498

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

55-CS-124



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Incident Energy (MeV)

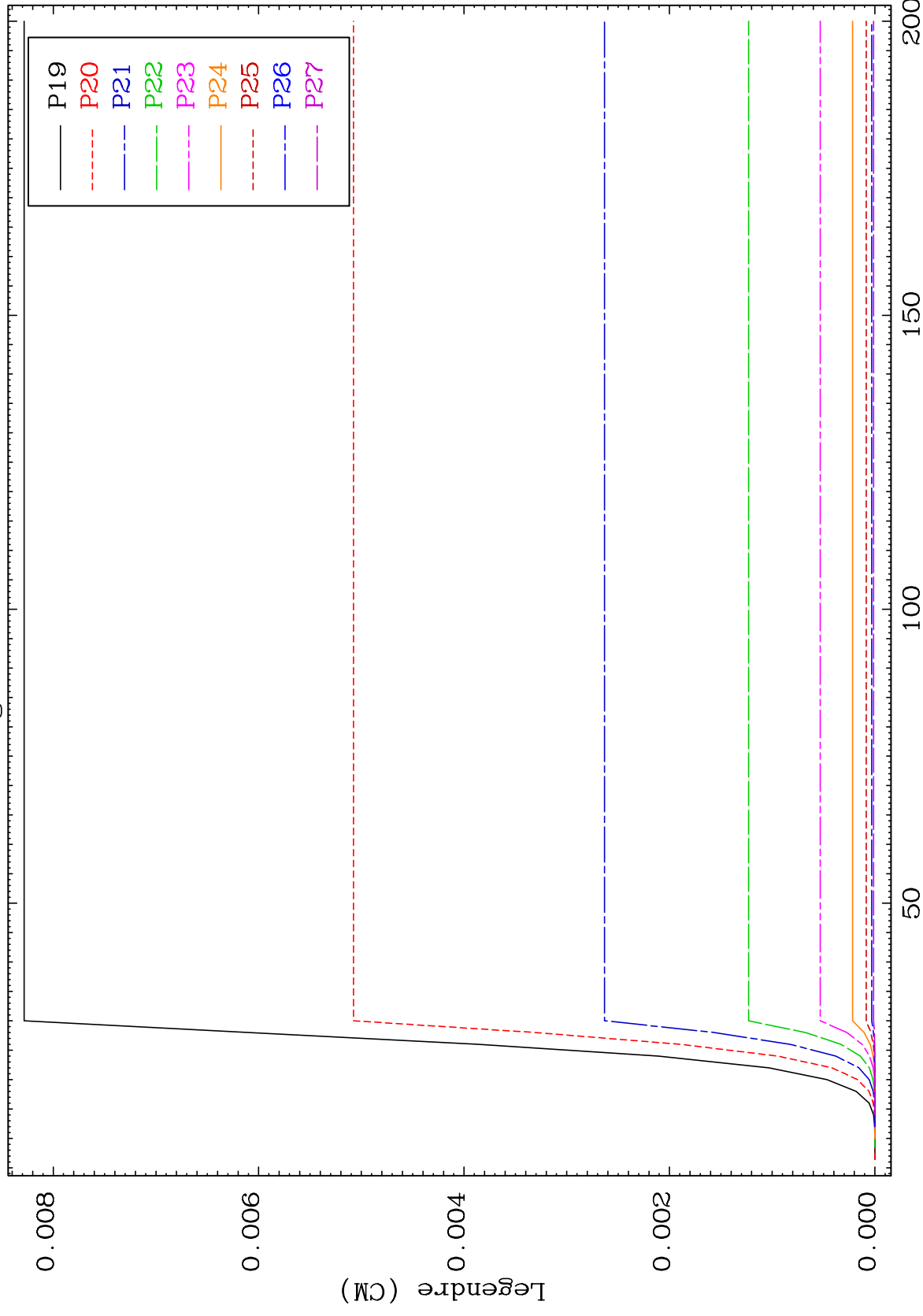
55-Cs-124

MAT 5498

MT= 52 (n, n') Level

55-CS-124

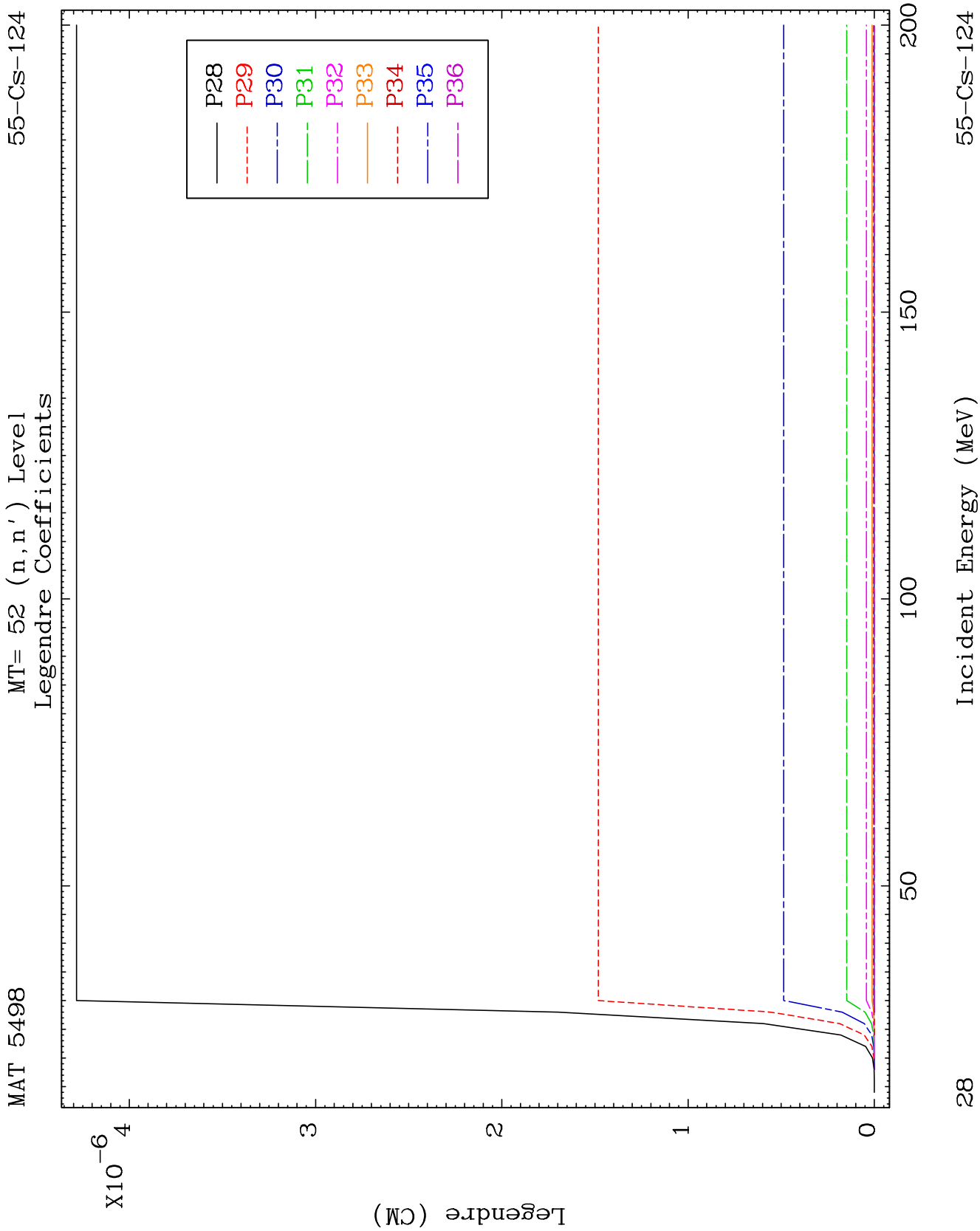
Legendre Coefficients



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Incident Energy (MeV)

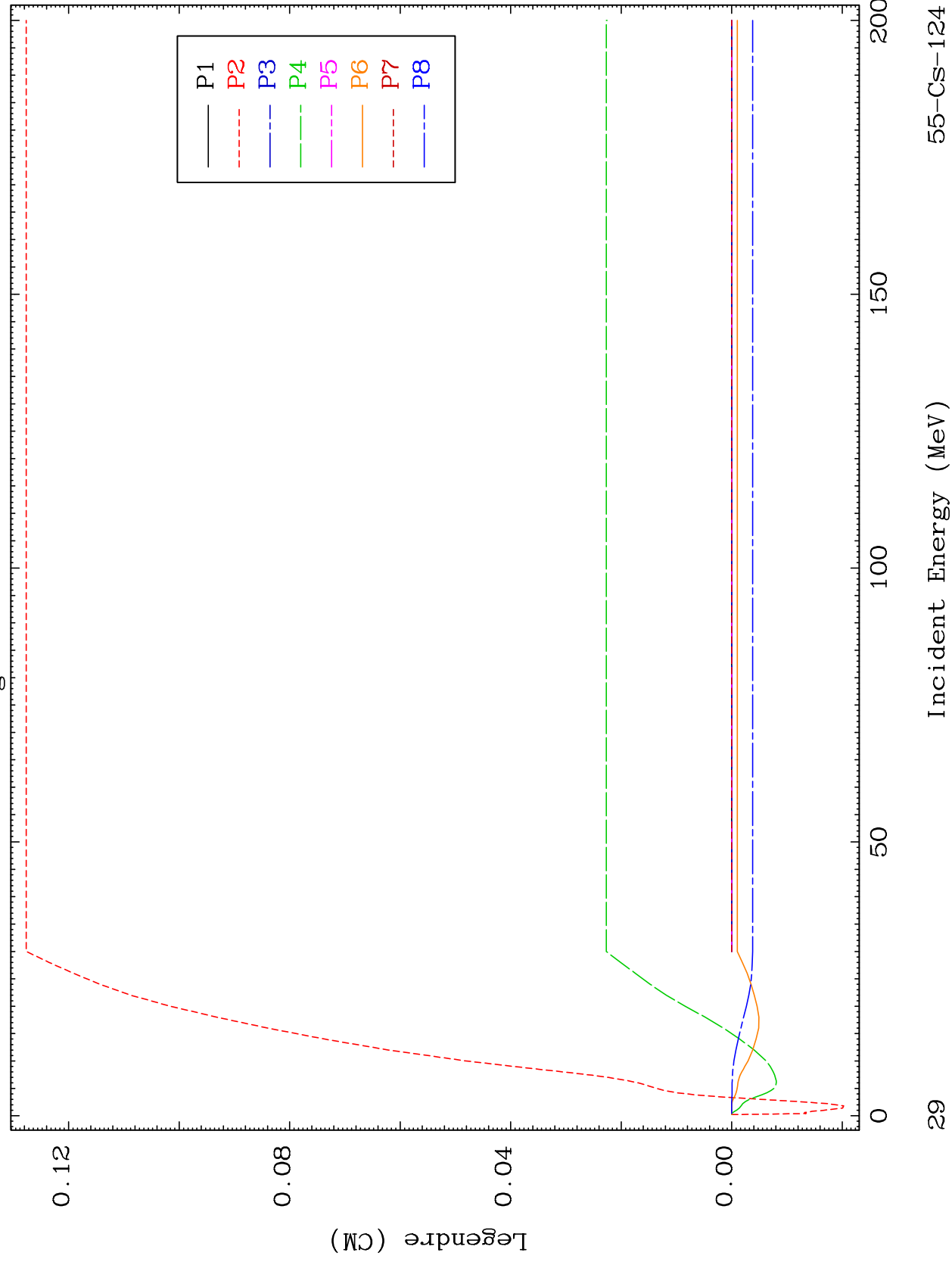
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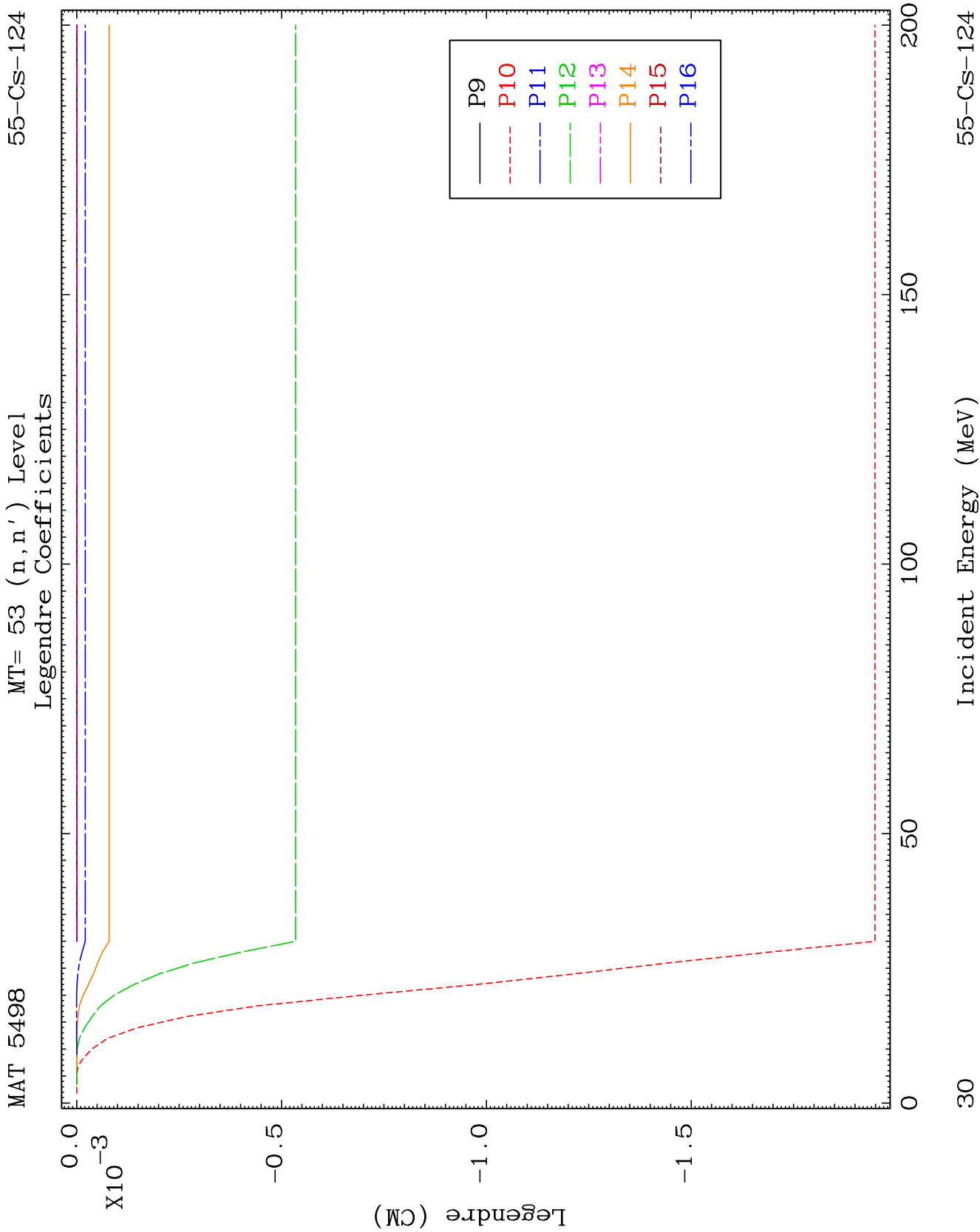


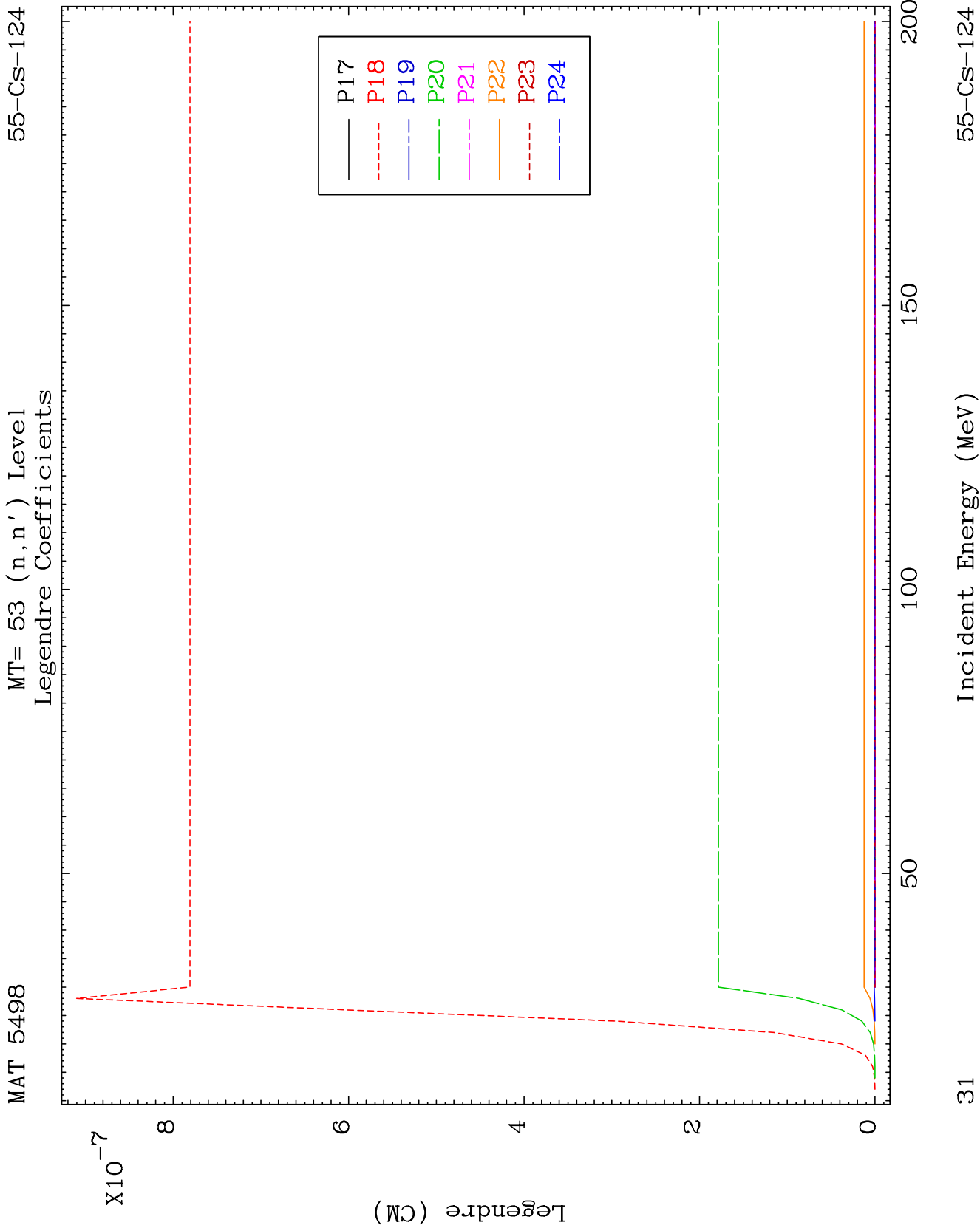
MAT 5498

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

55-Cs-124



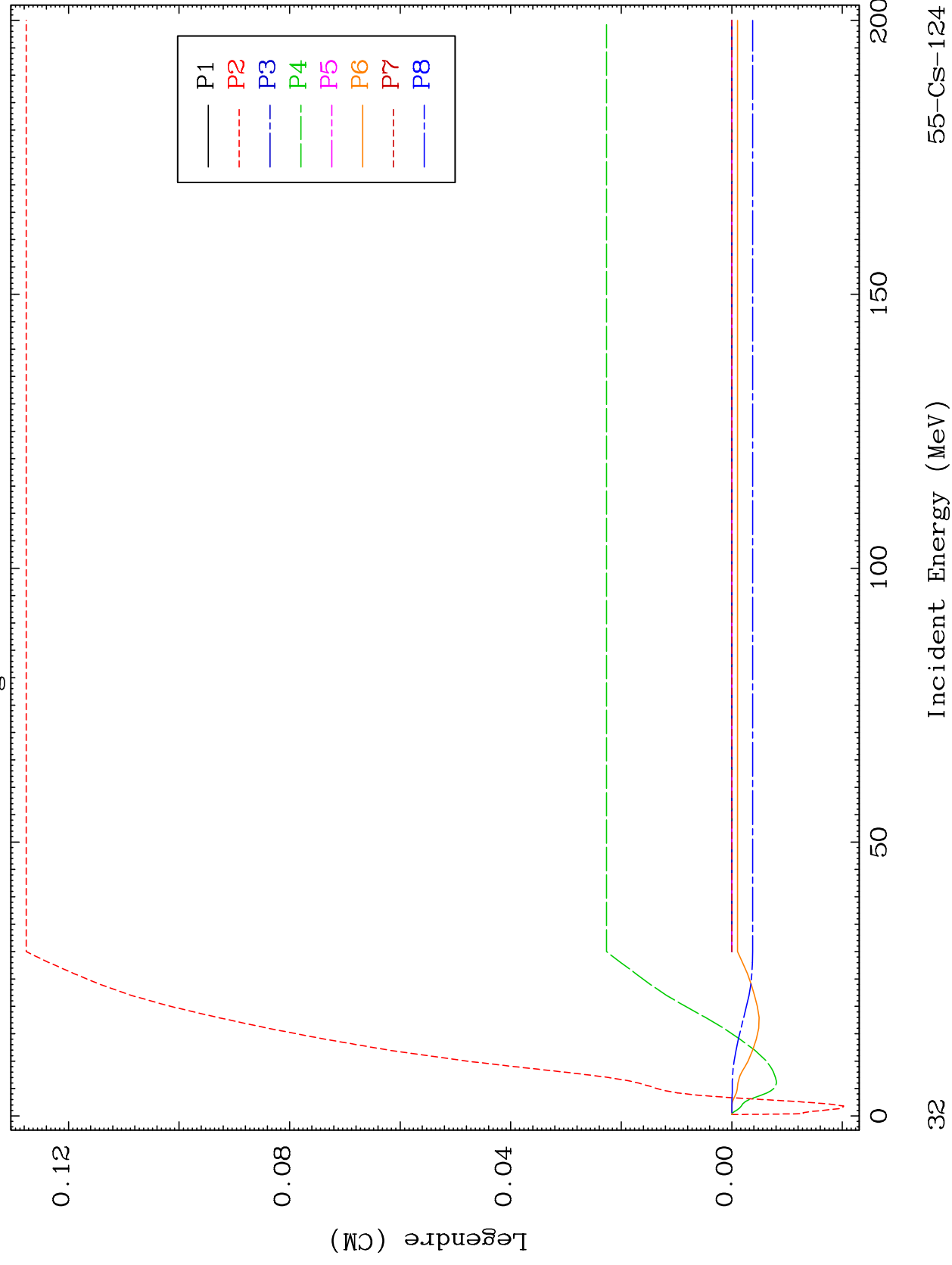


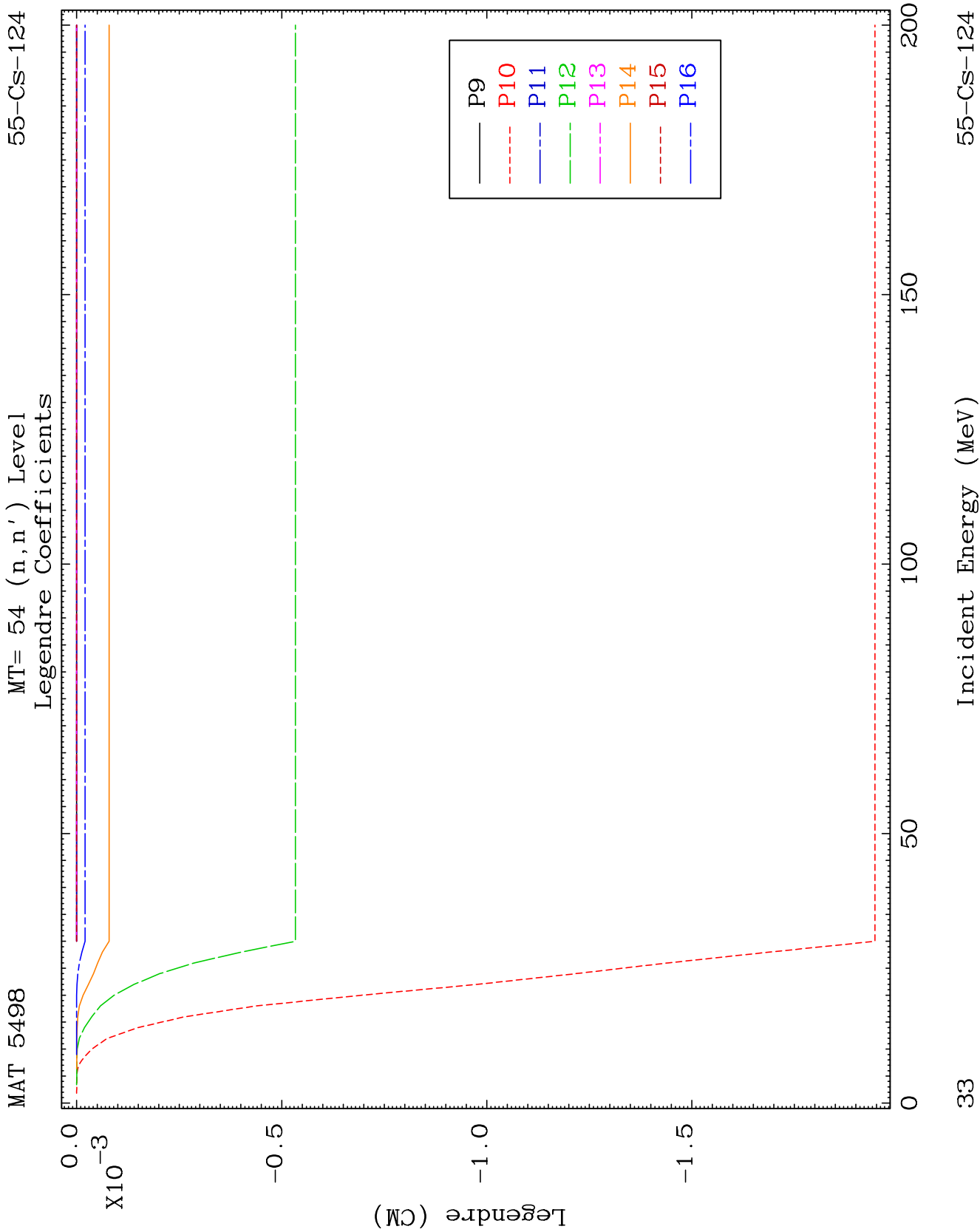


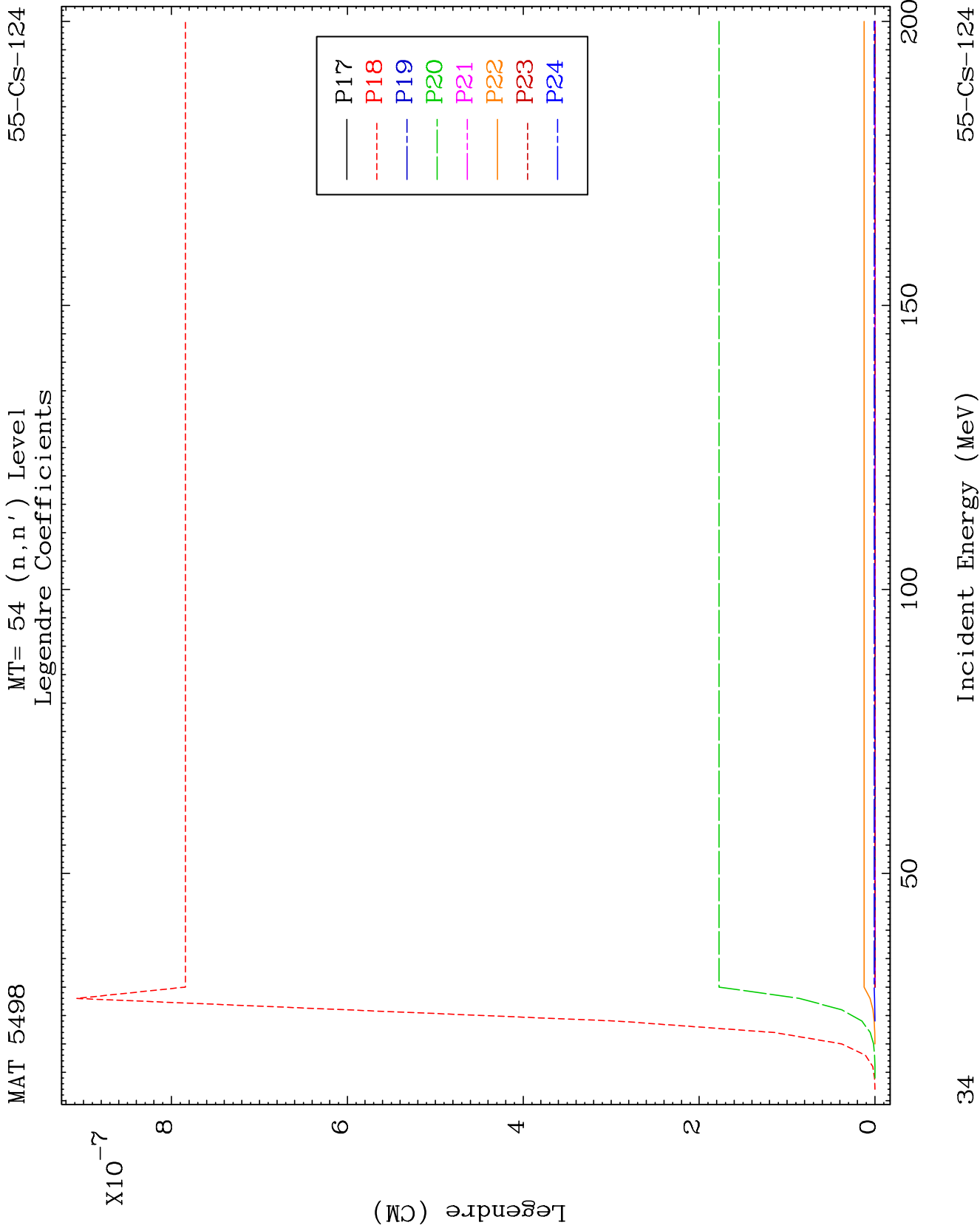
MAT 5498

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

55-Cs-124



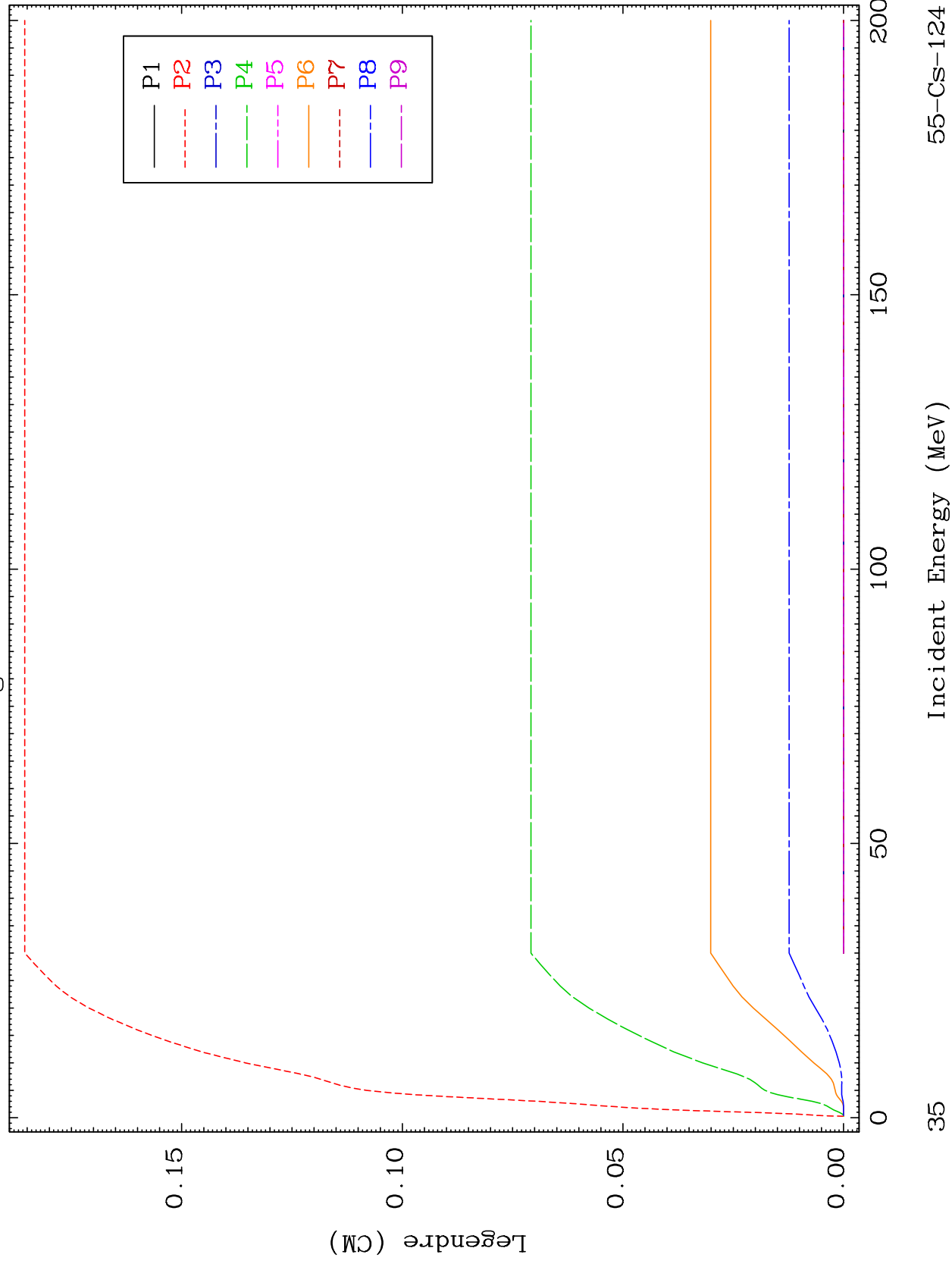




MAT 5498

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

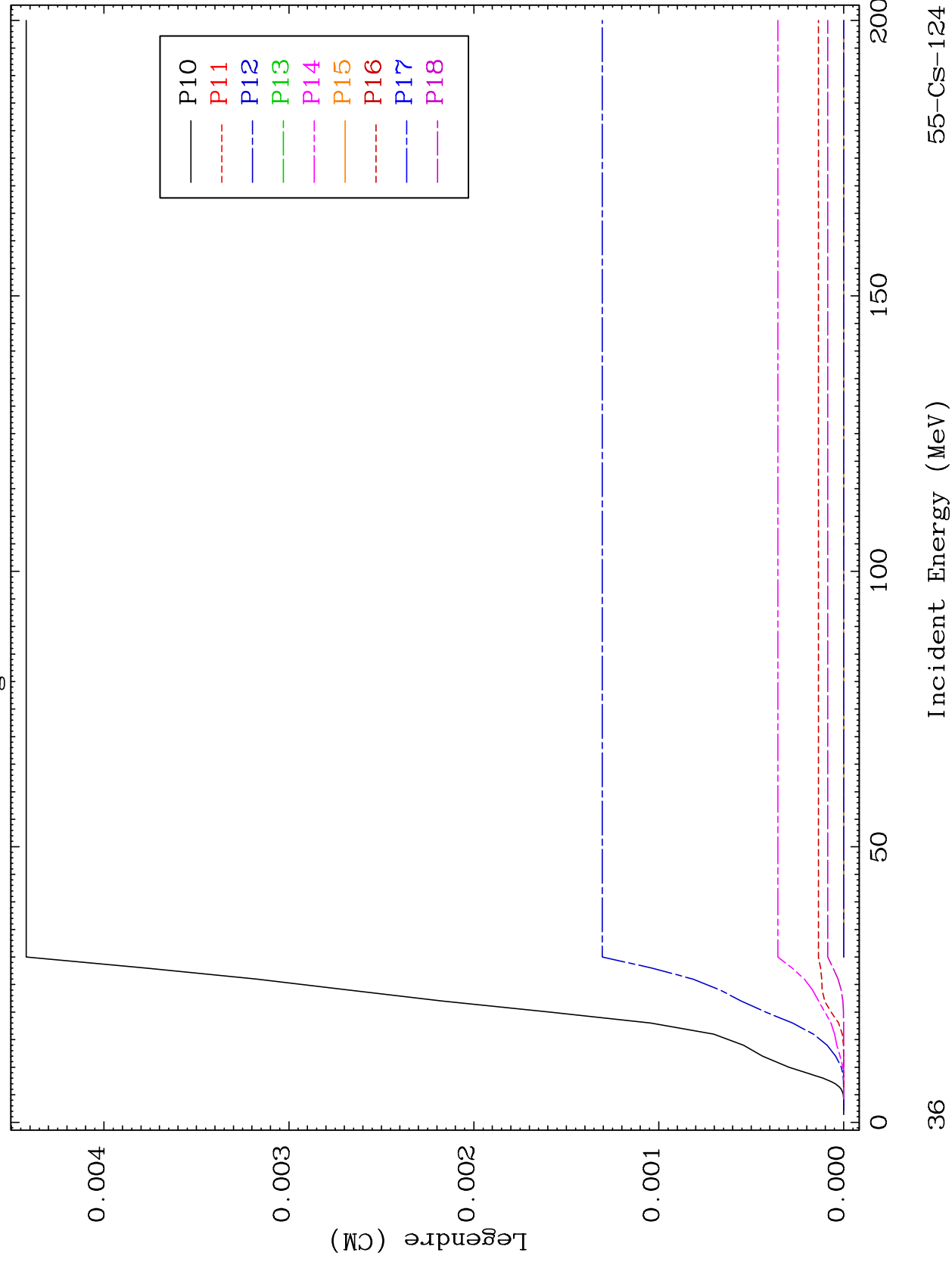
55-CS-124

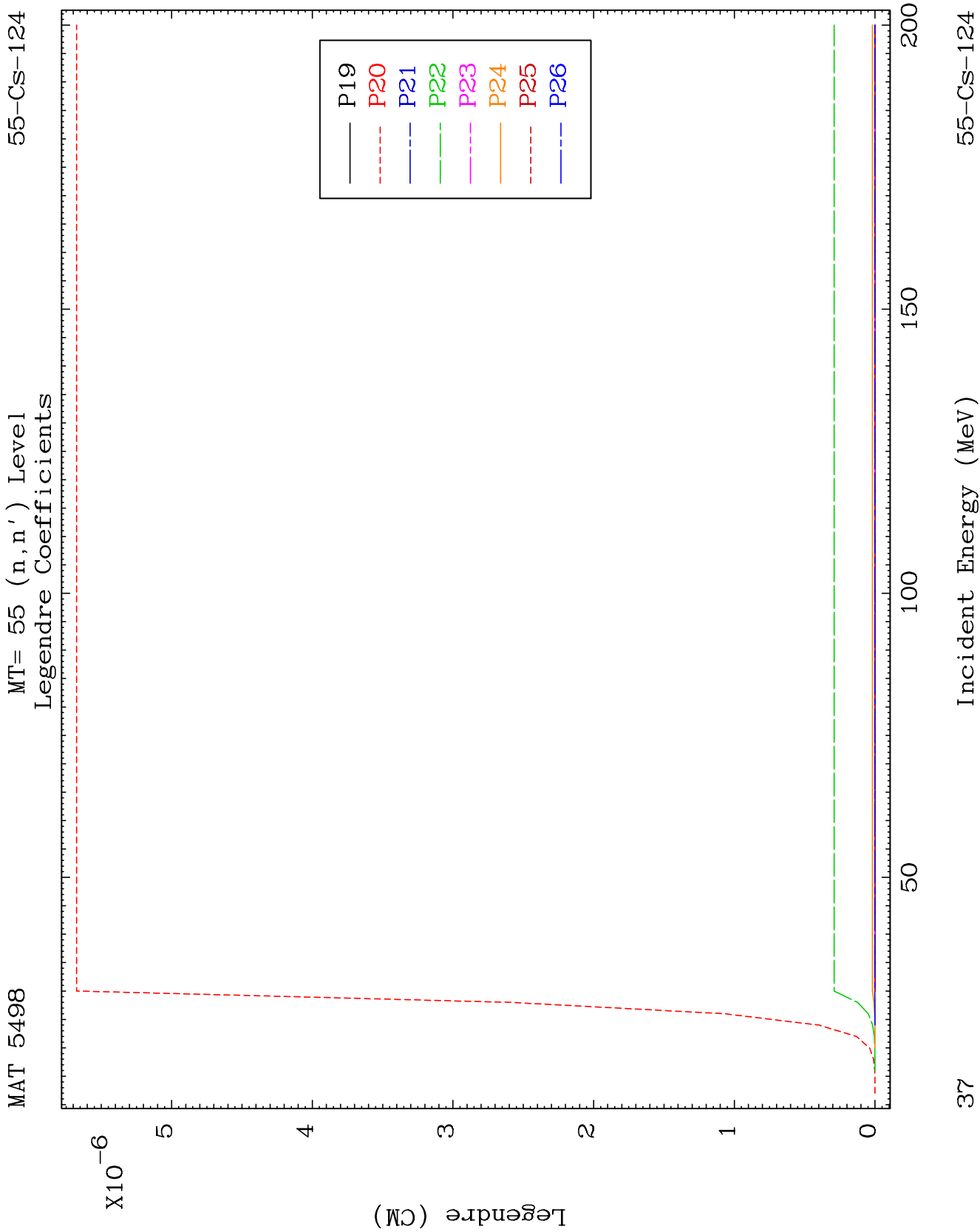


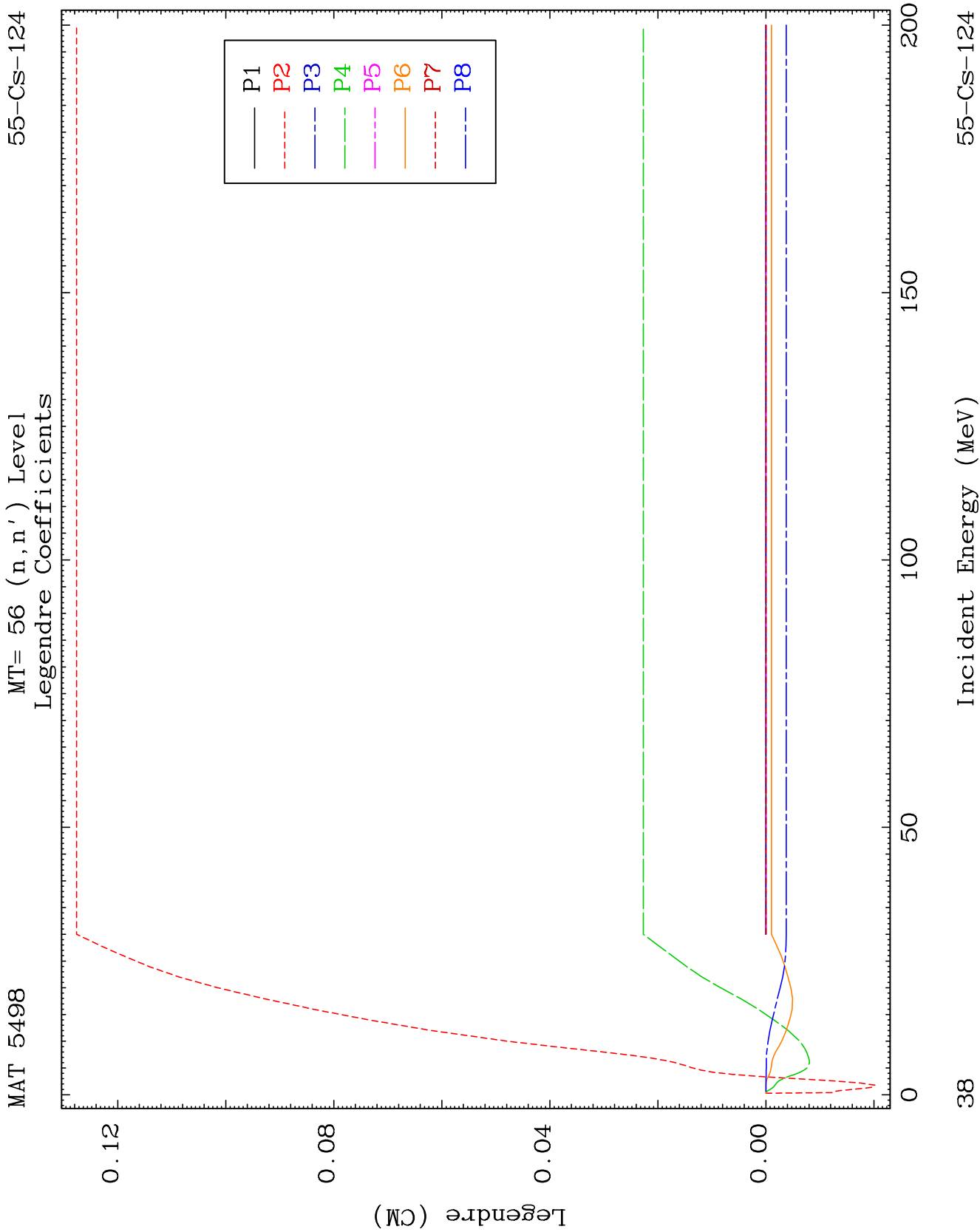
MAT 5498

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

55-Cs-124



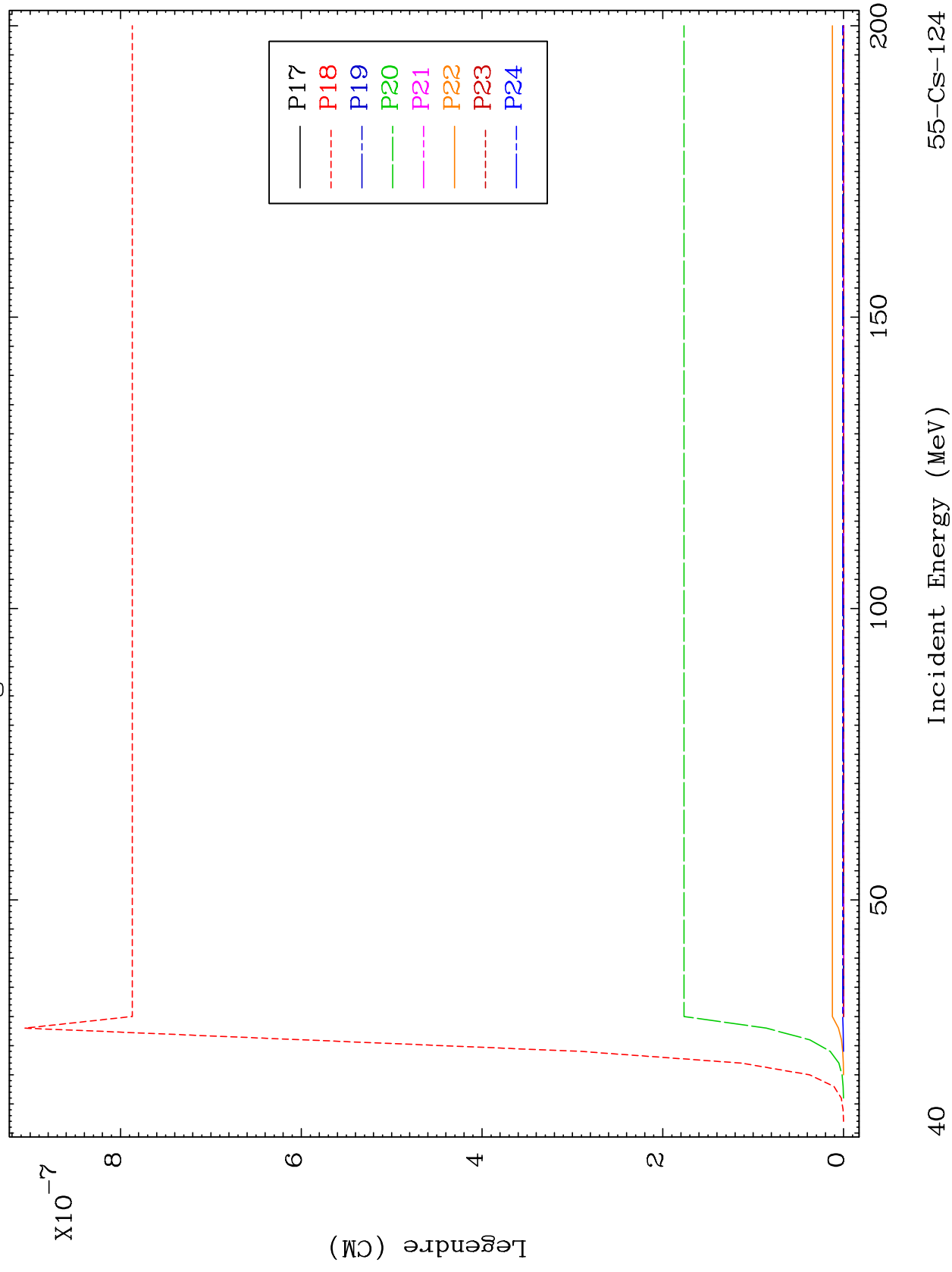




MAT 5498

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

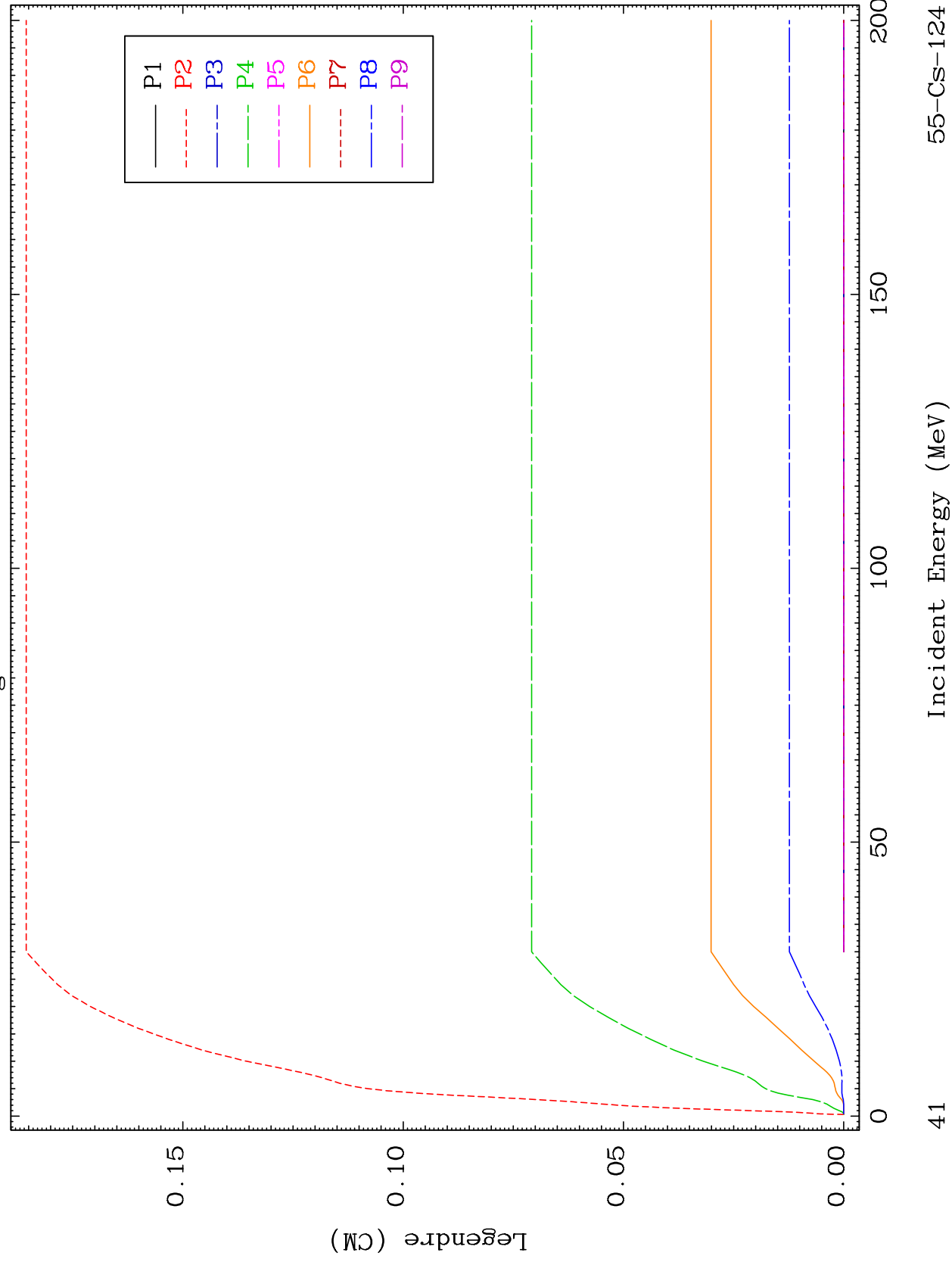
55-CS-124



MAT 5498

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

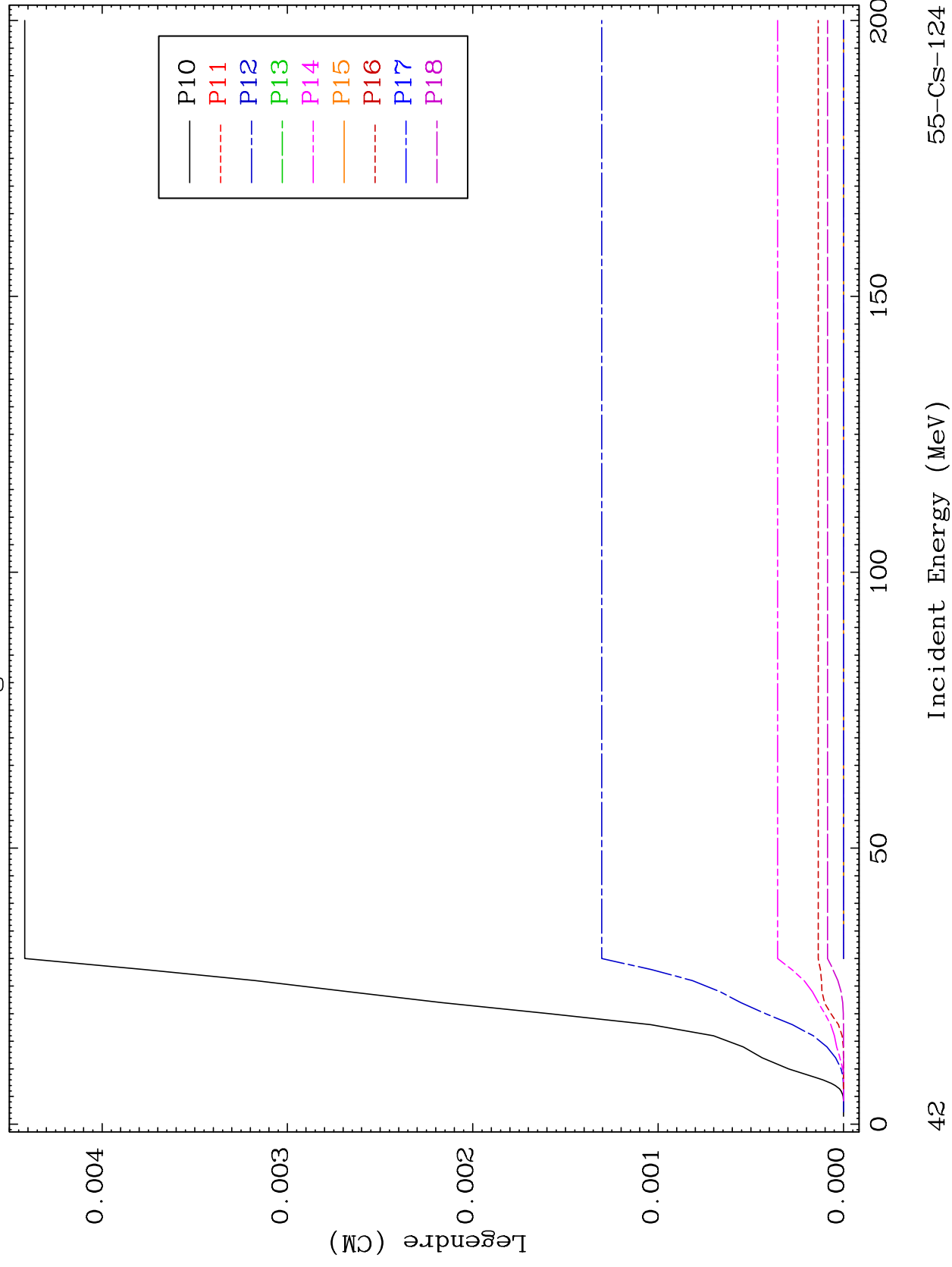
55-CS-124

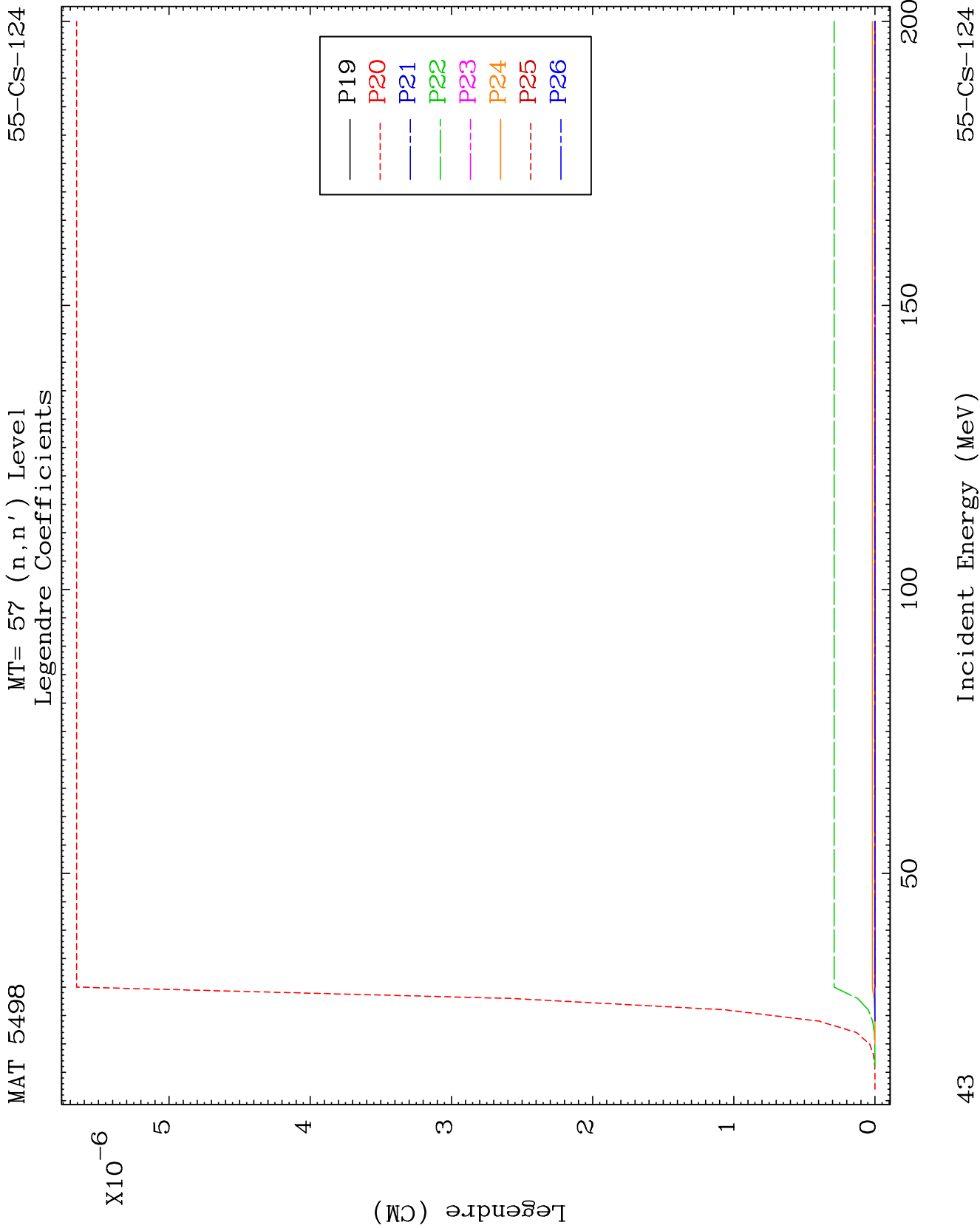


MAT 5498

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

55-CS-124

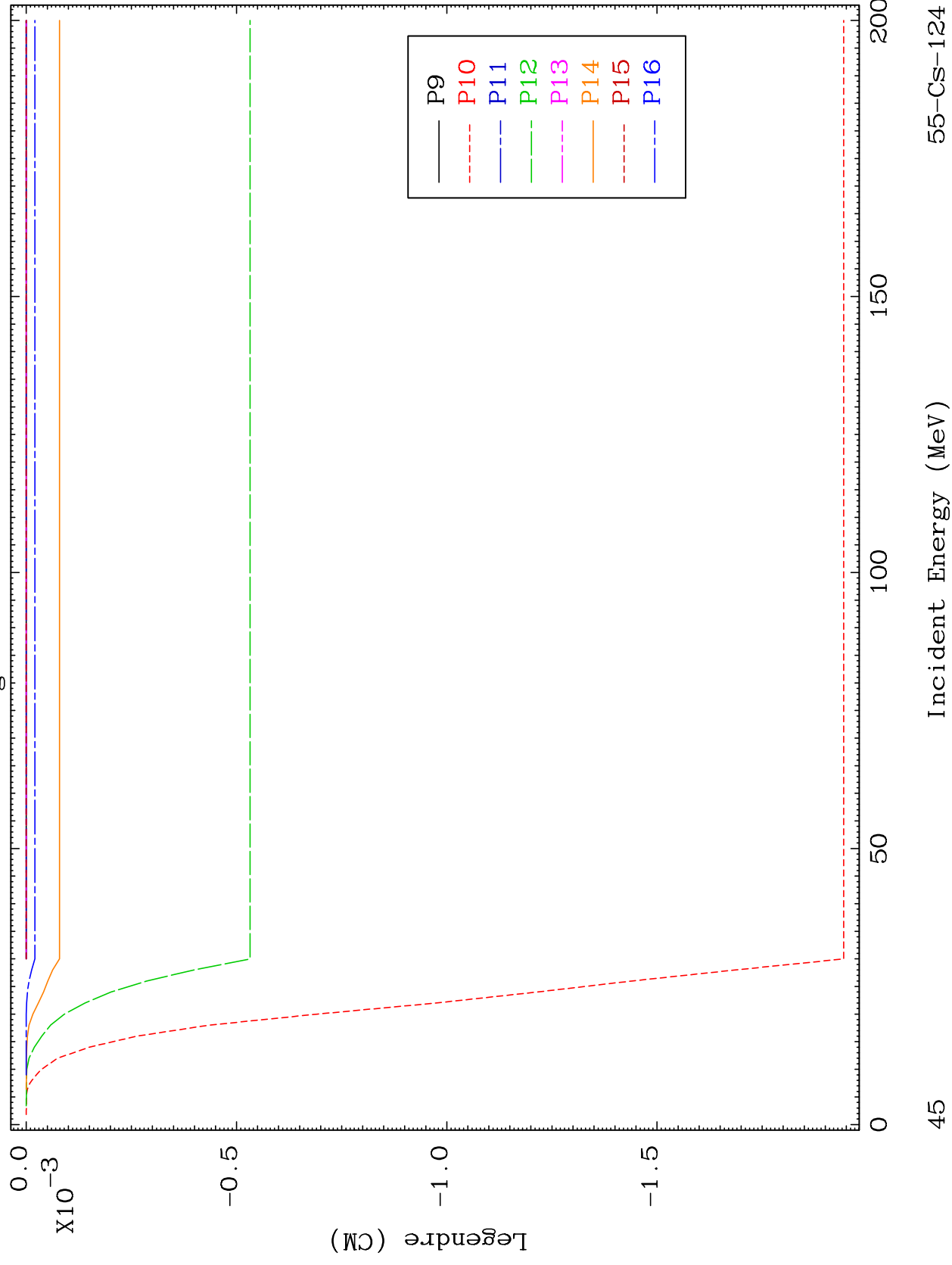


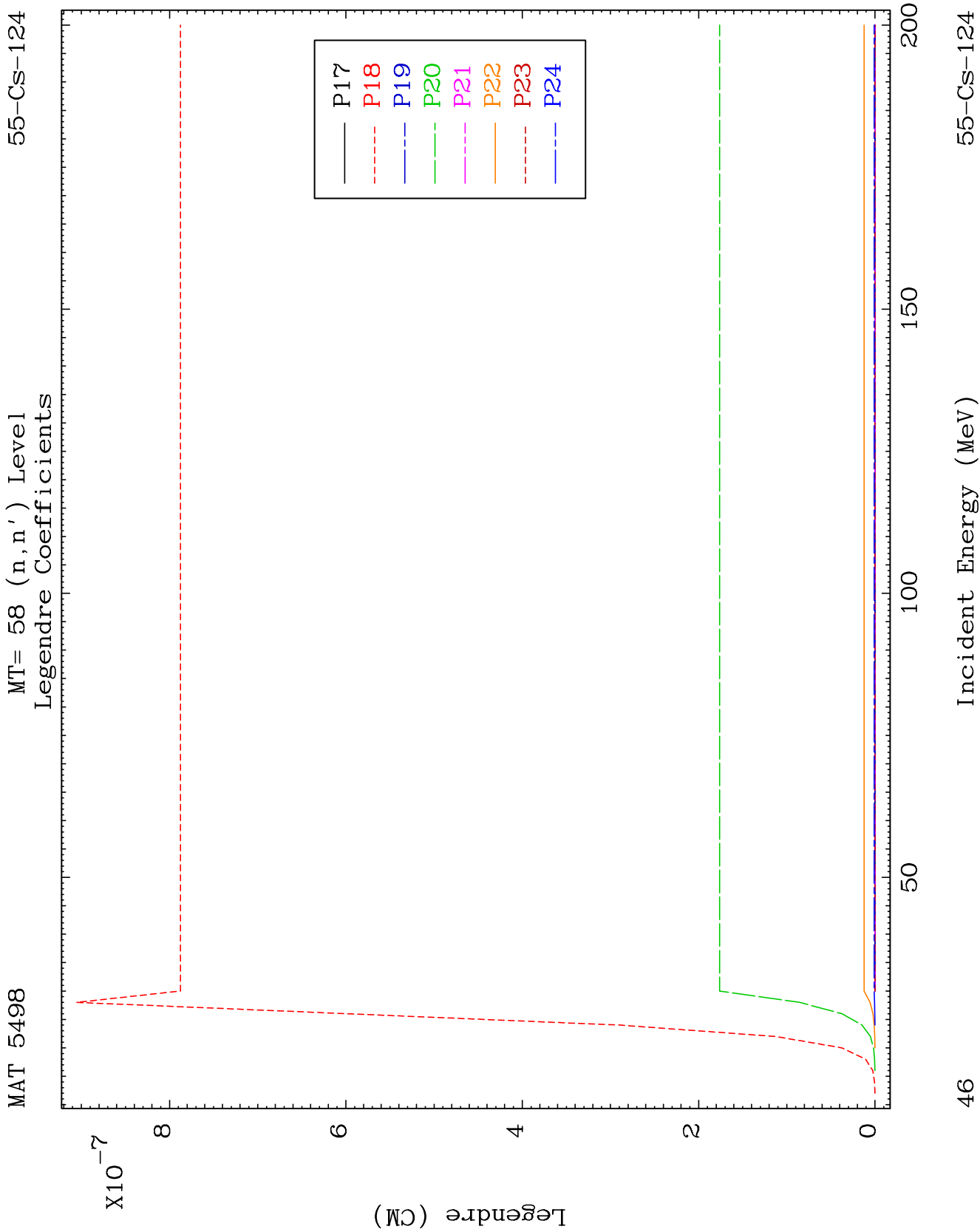


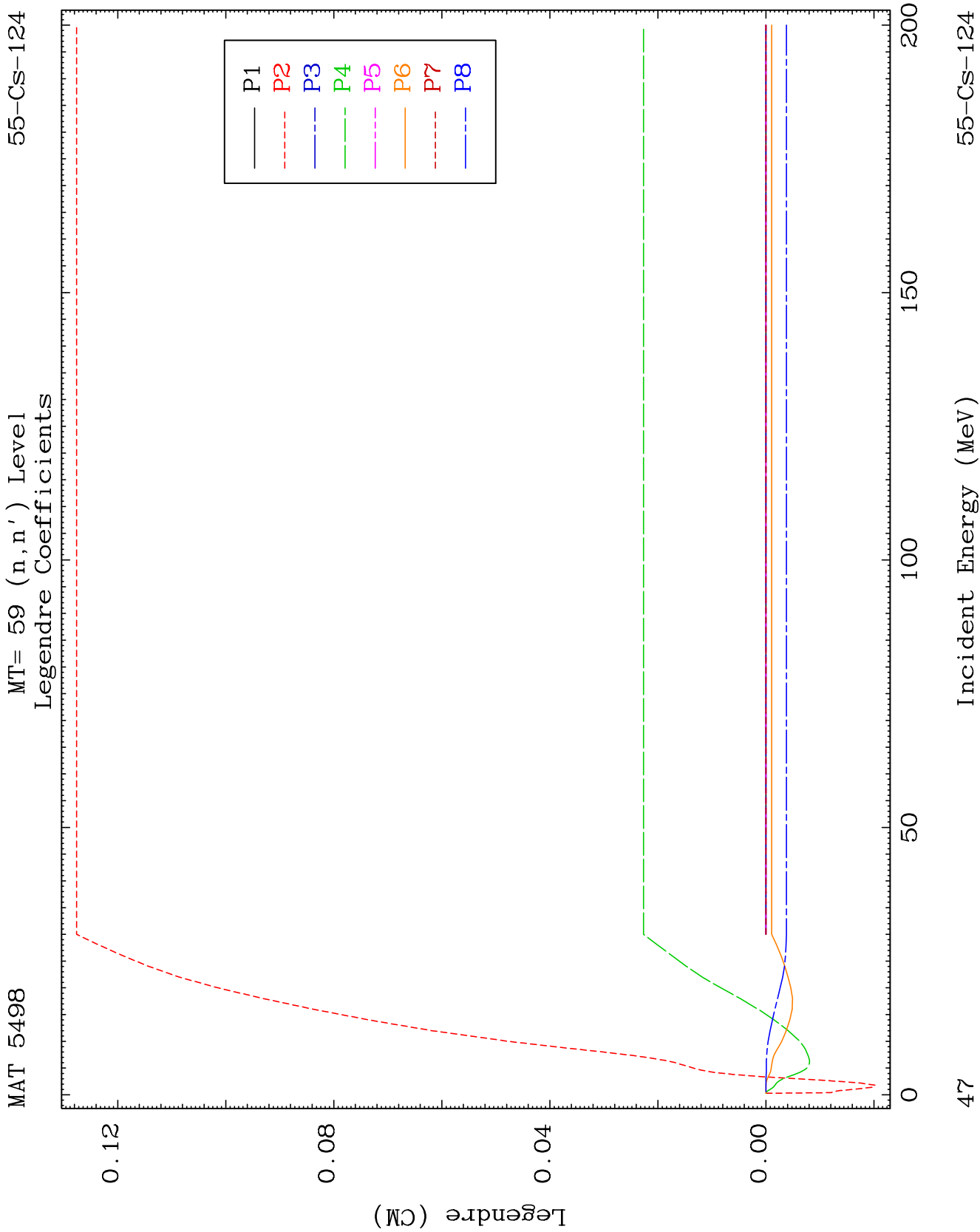
MAT 5498

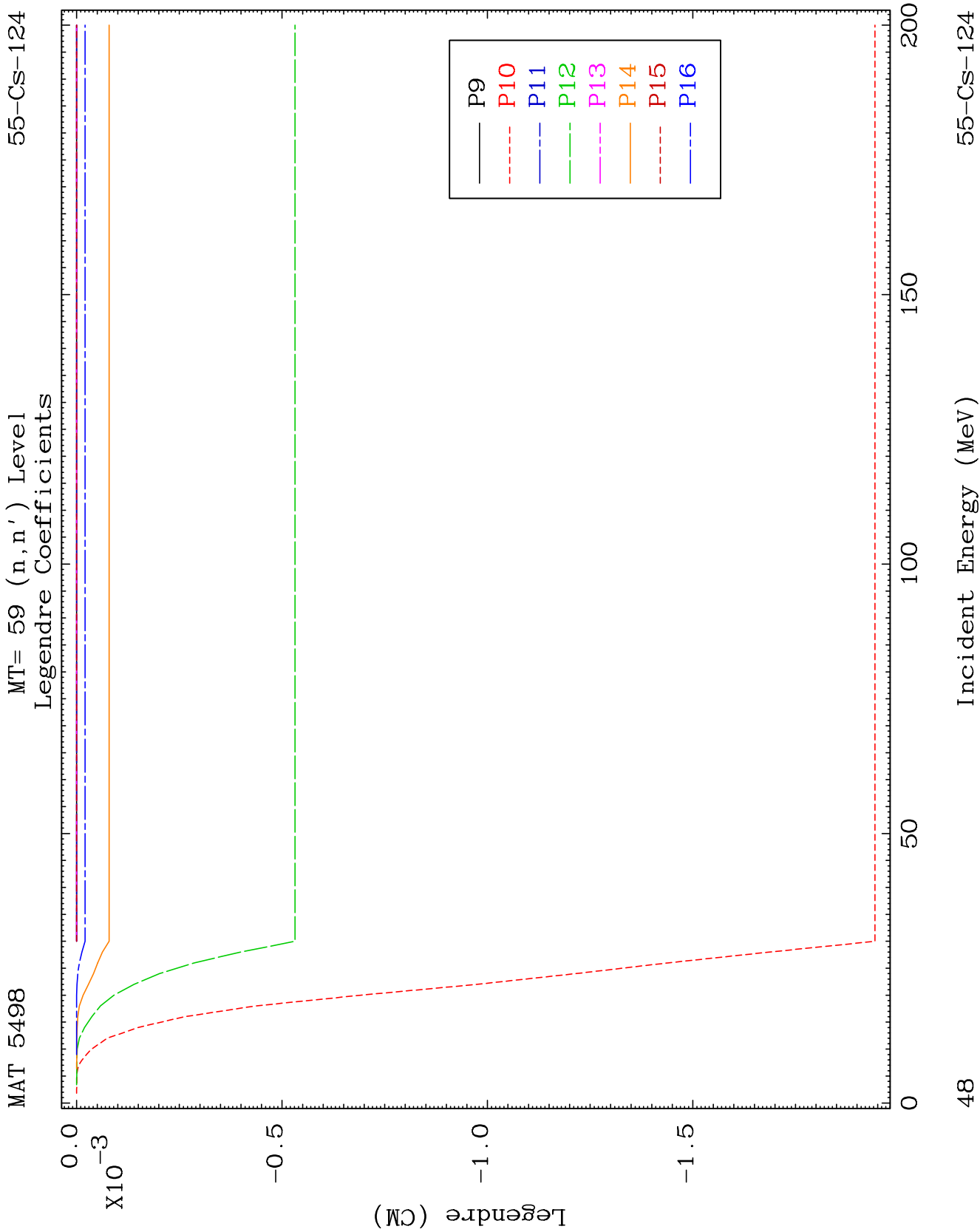
MT= 58 (n, n') Level
Legendre Coefficients

55-CS-124





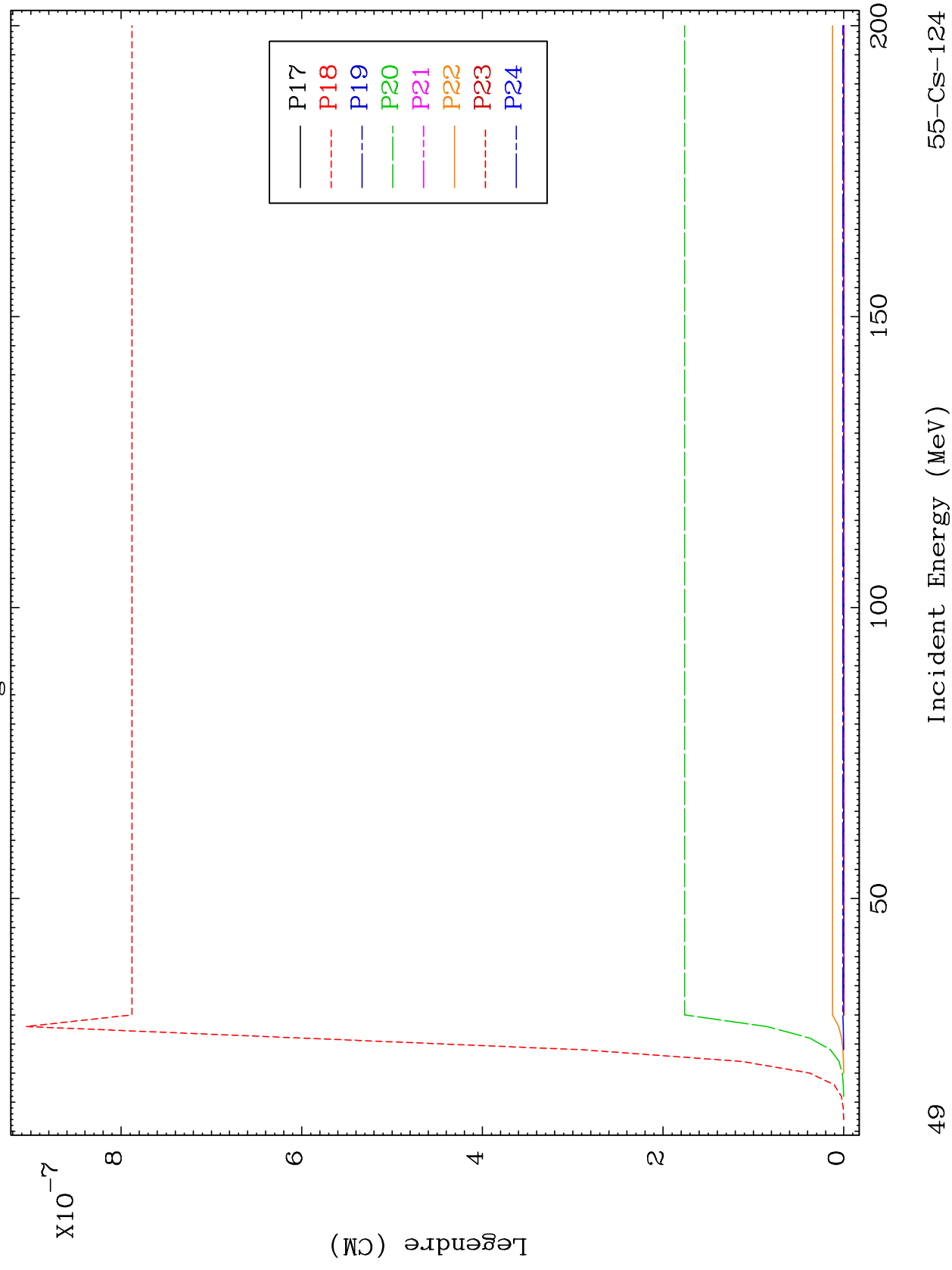


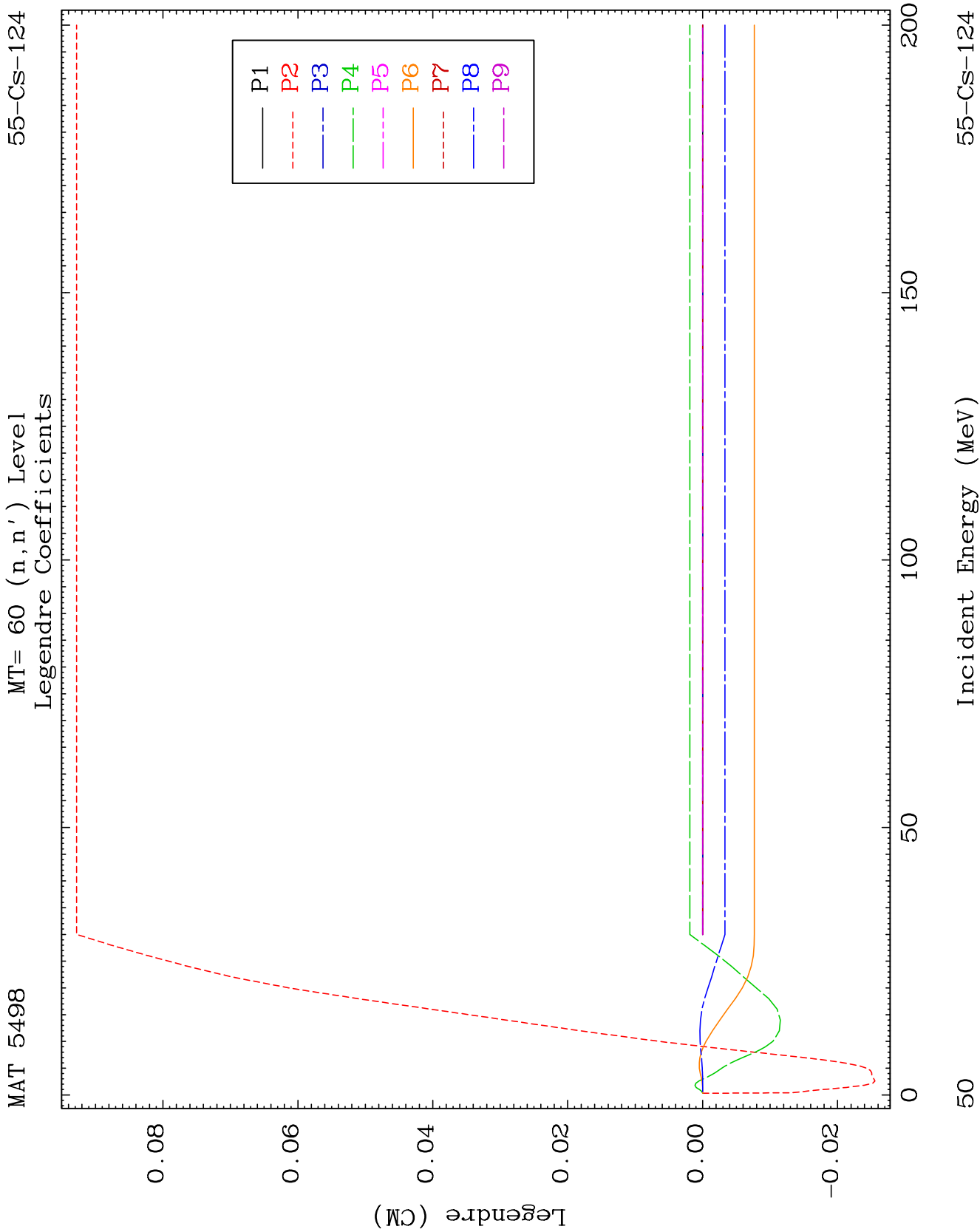


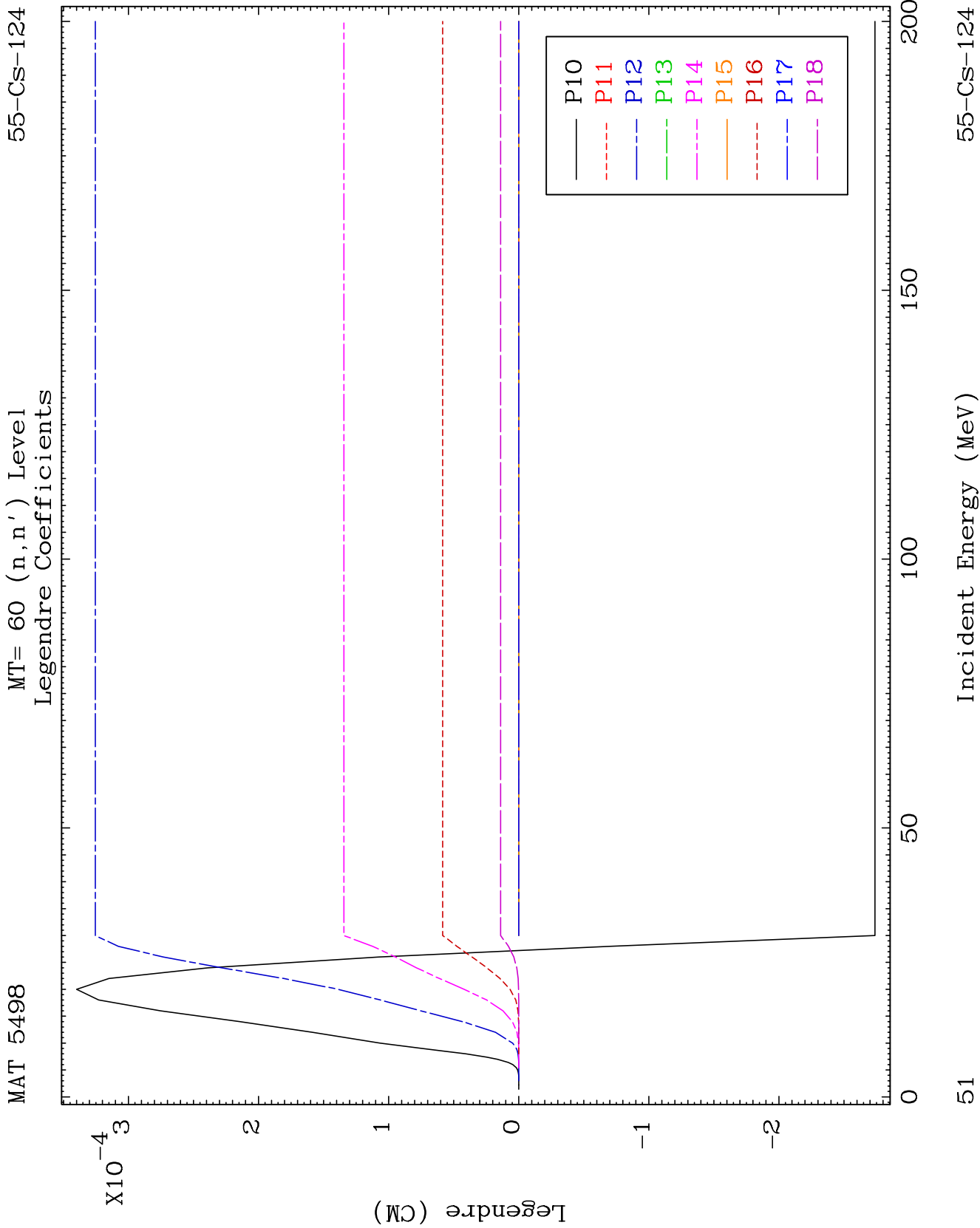
MAT 5498

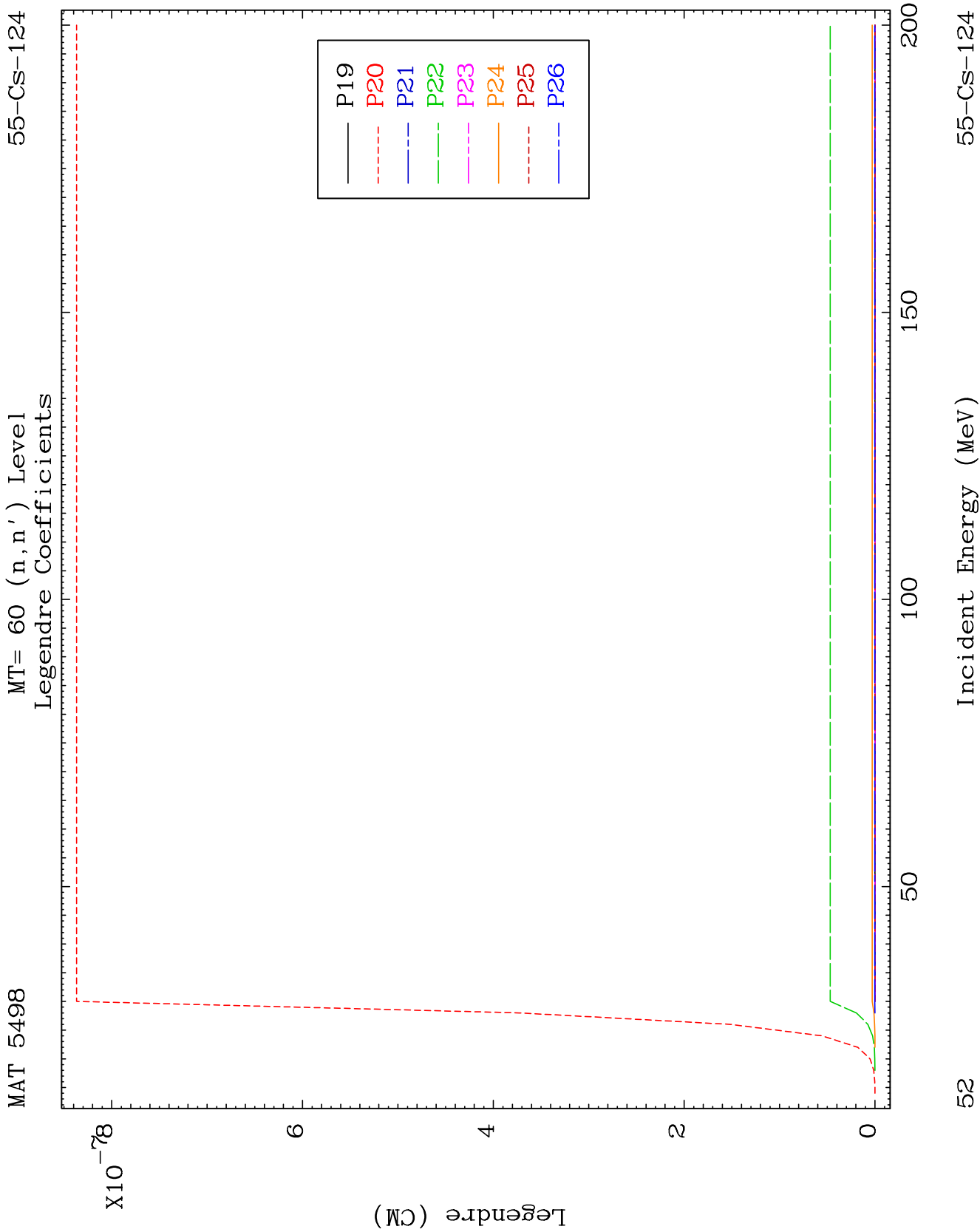
MT= 59 (n, n') Level
Legendre Coefficients

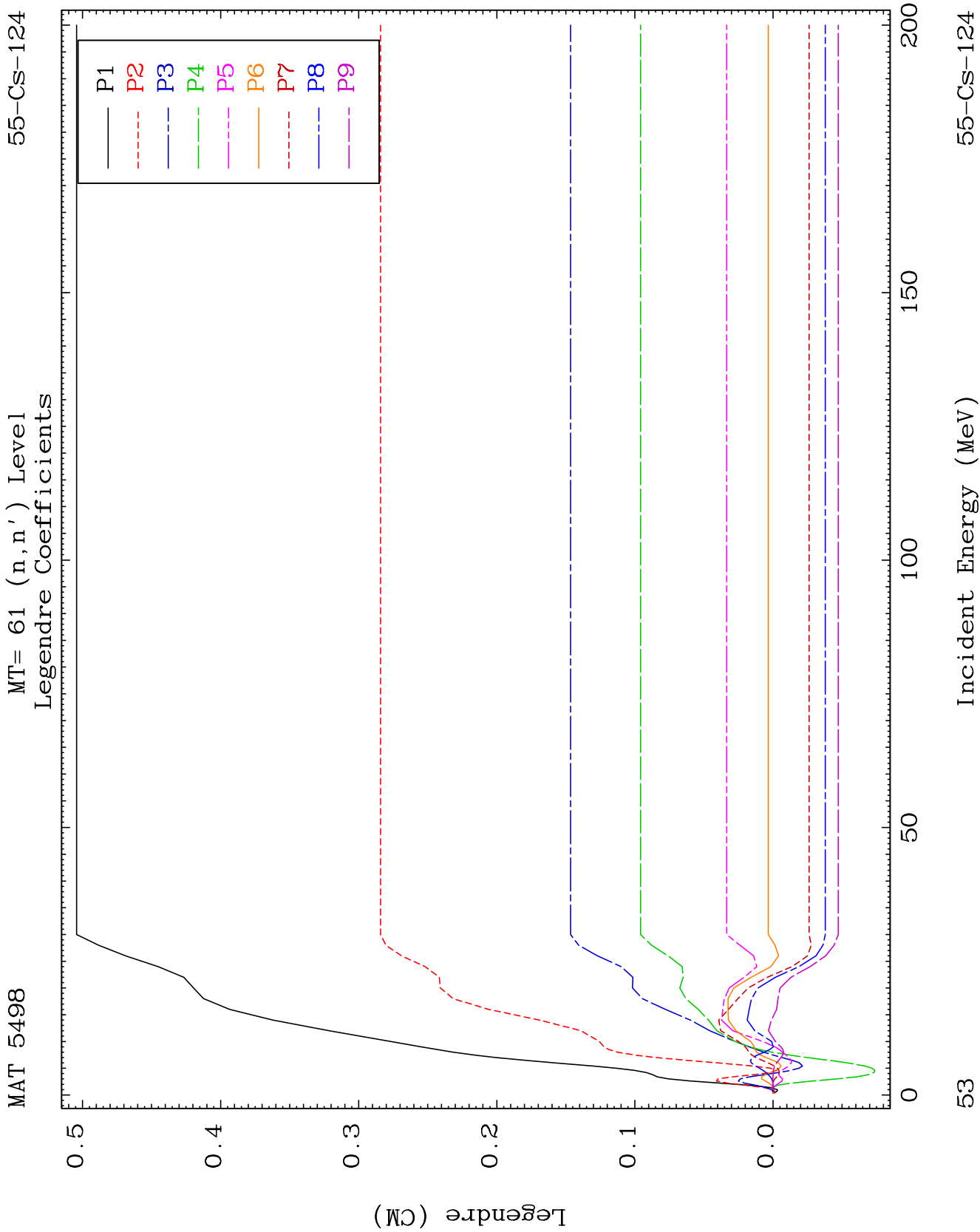
55-CS-124

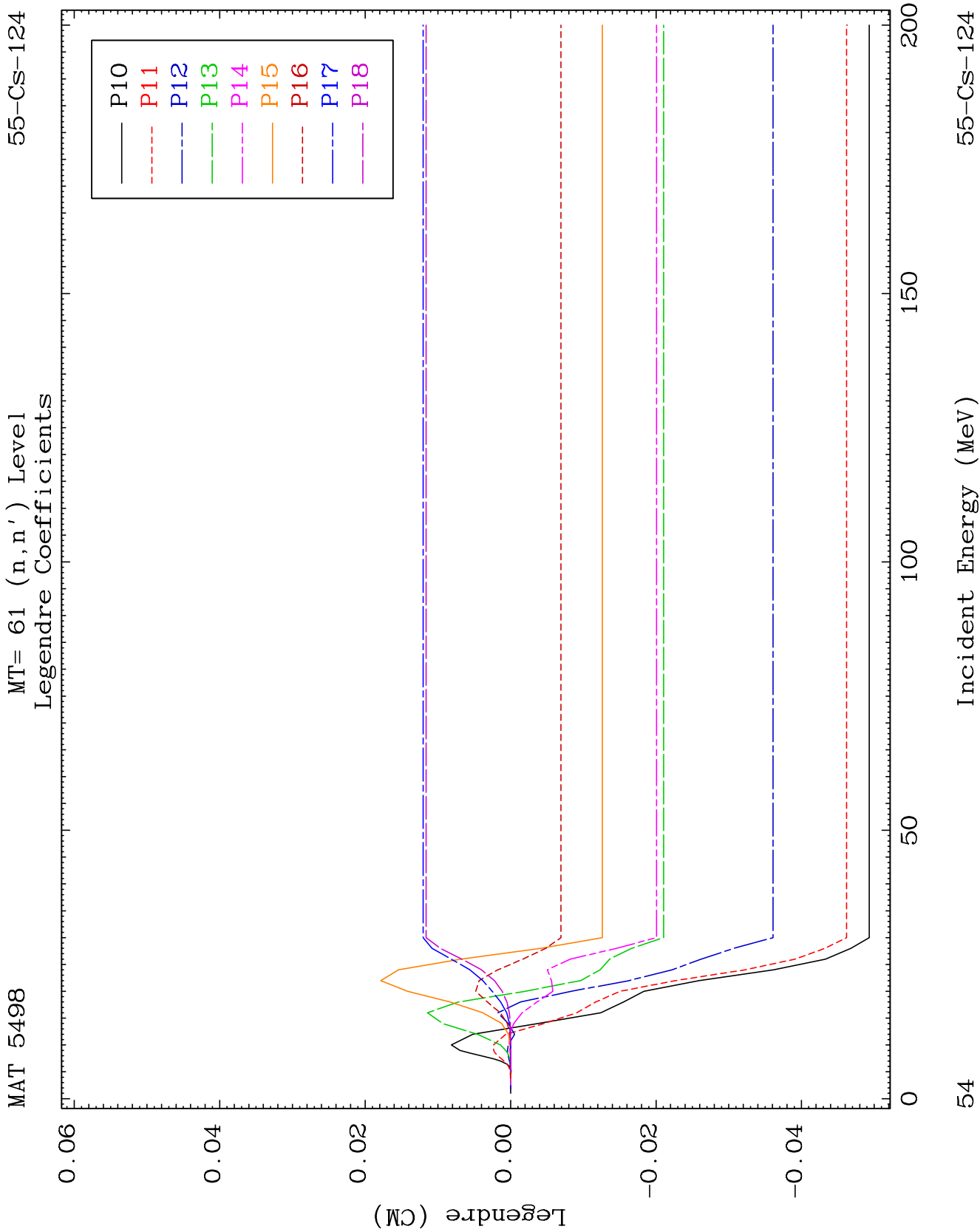


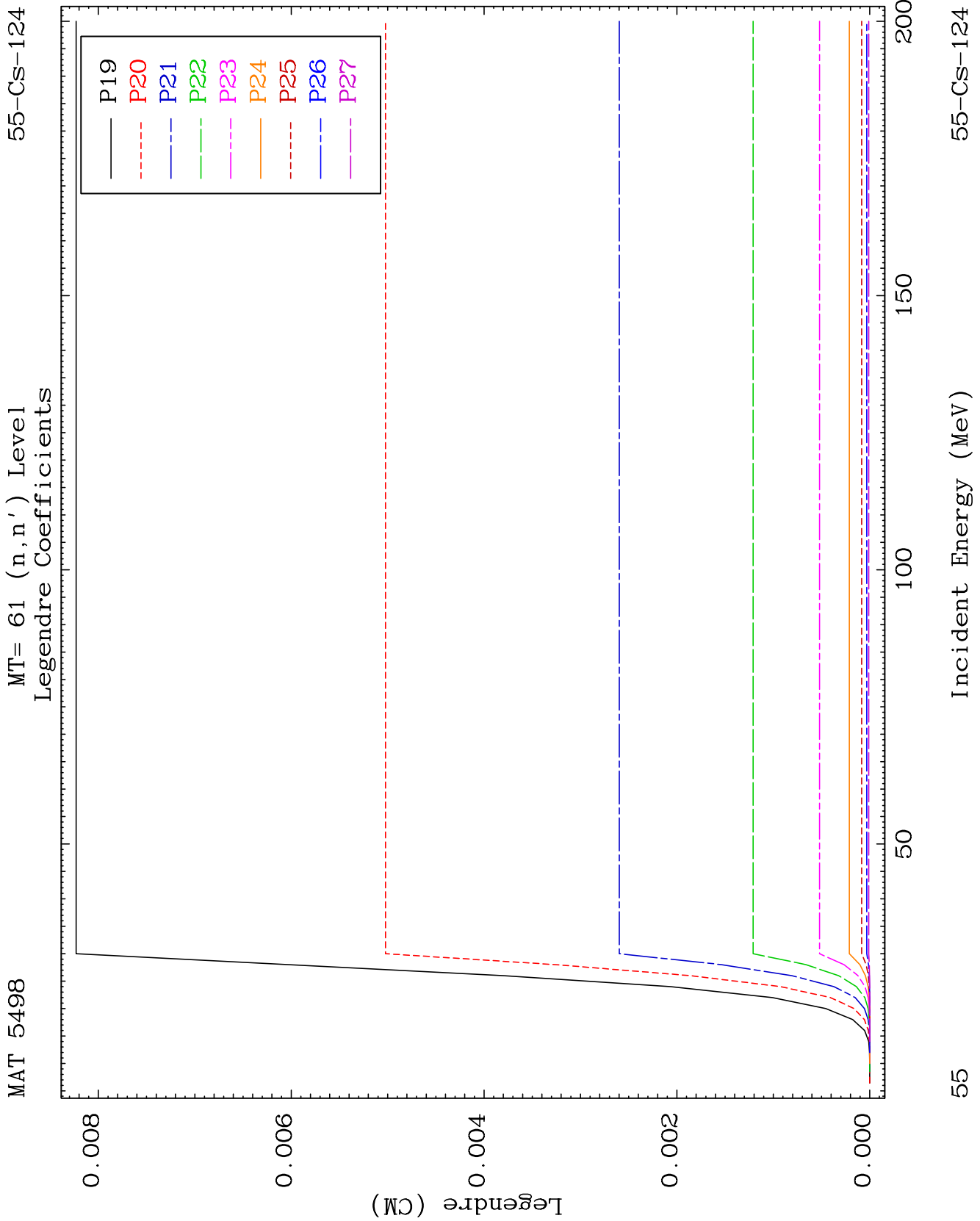


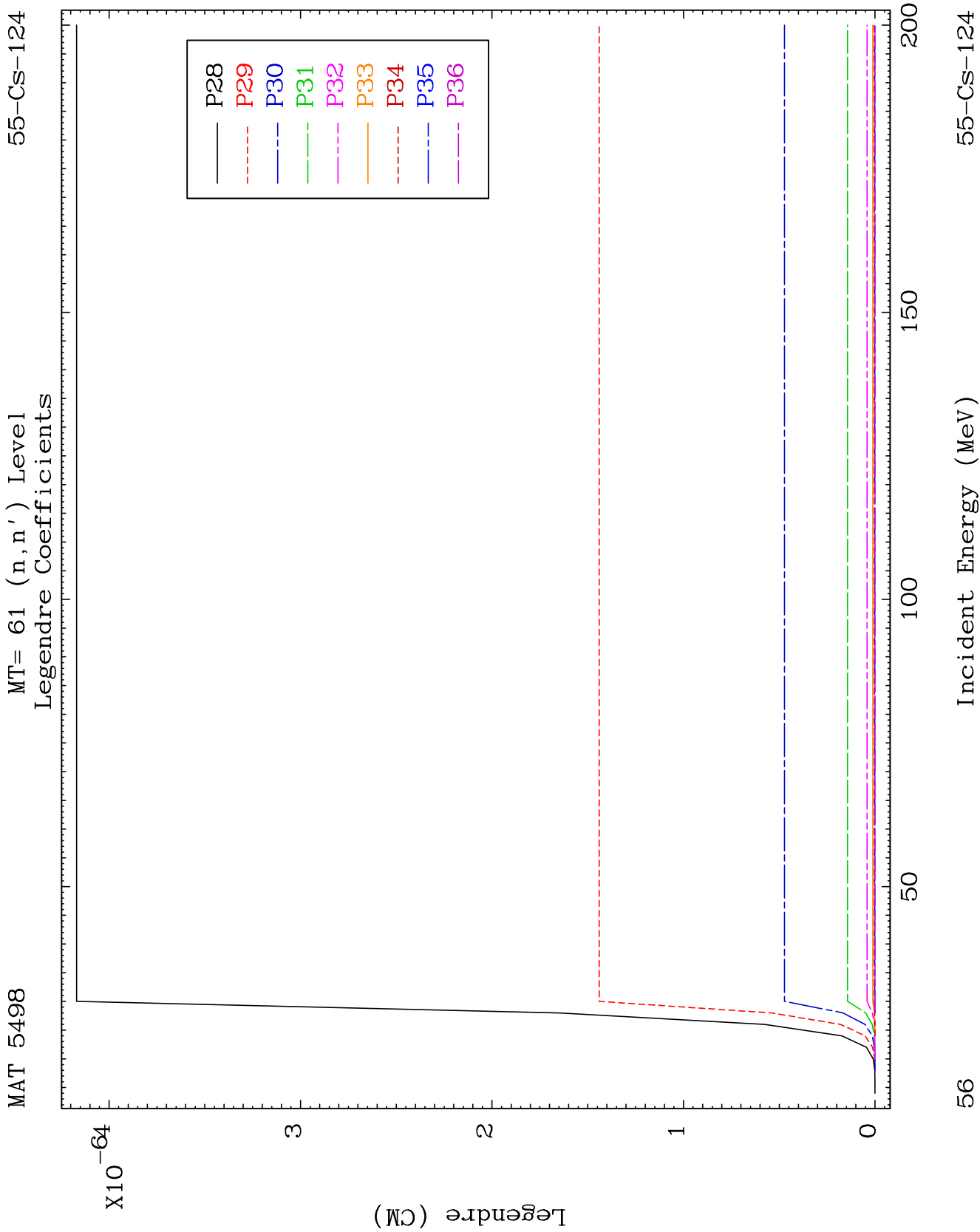








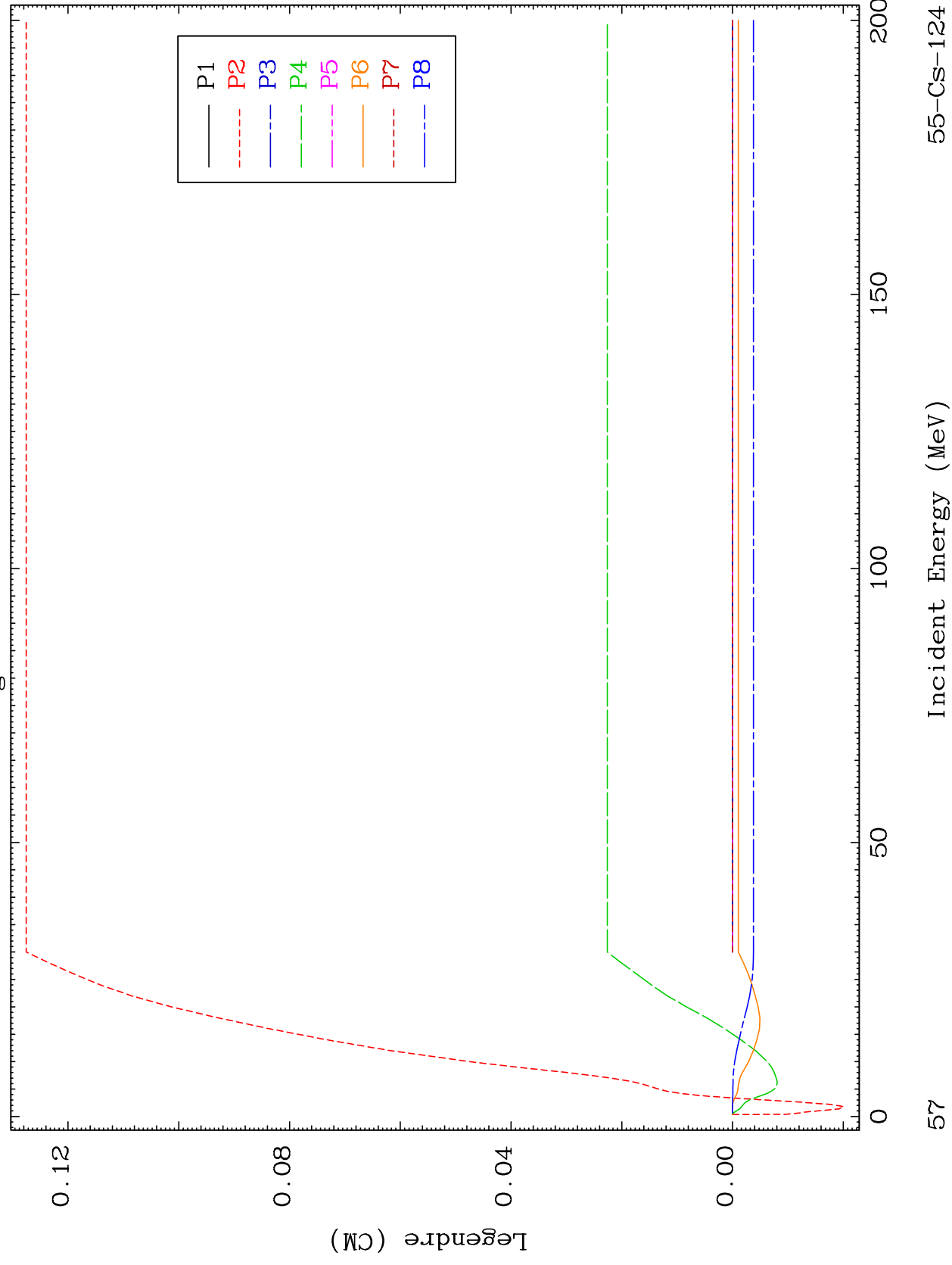


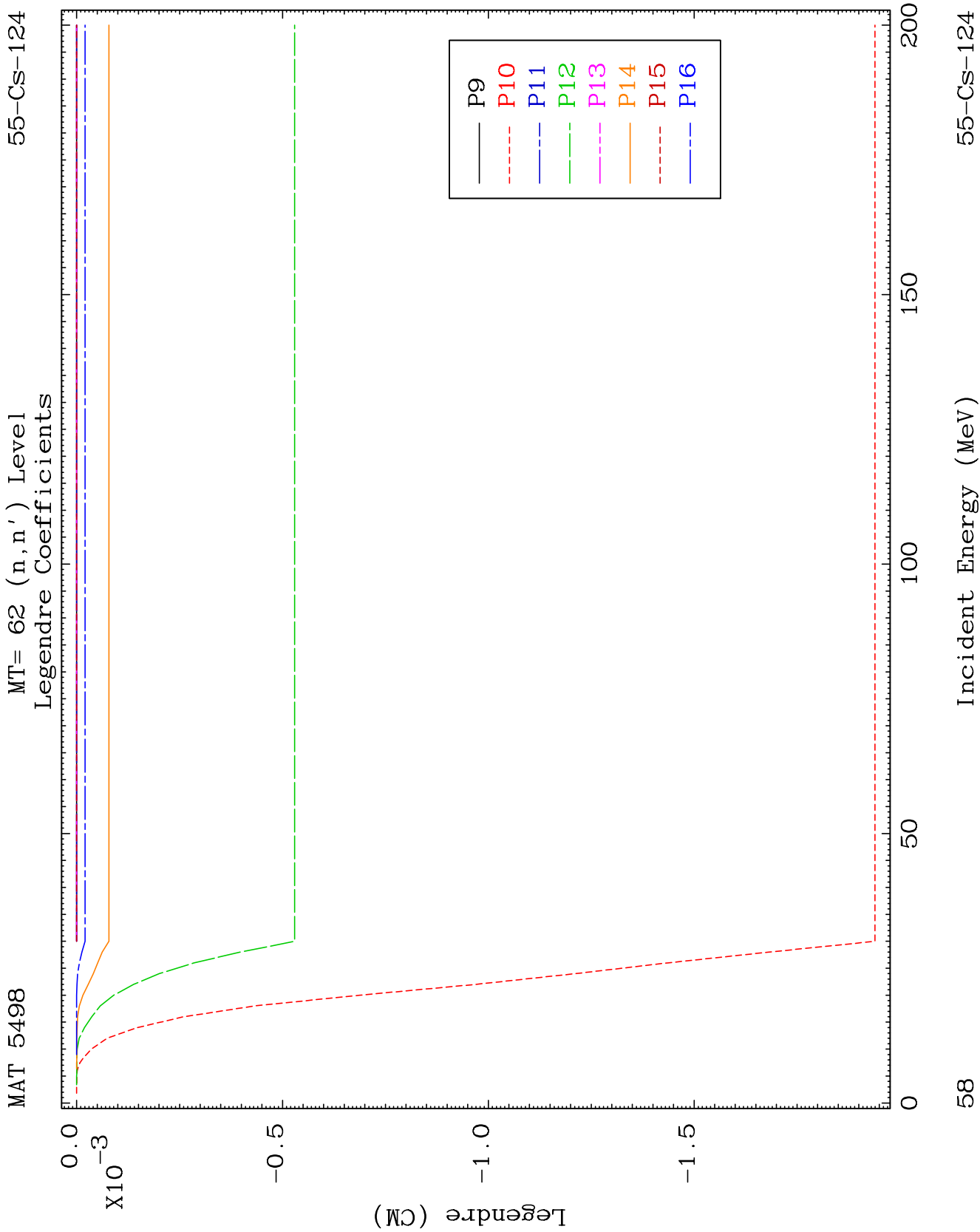


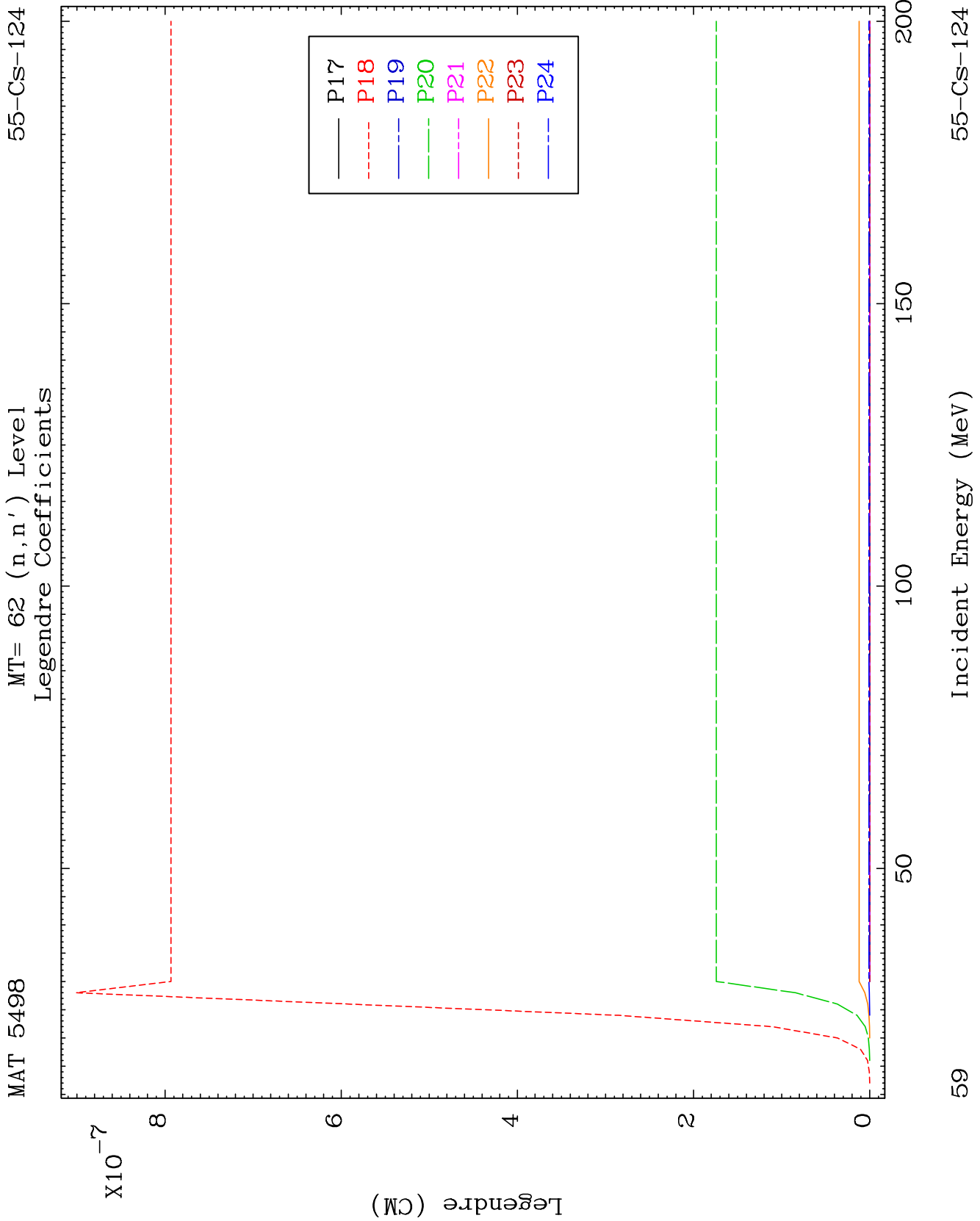
MAT 5498

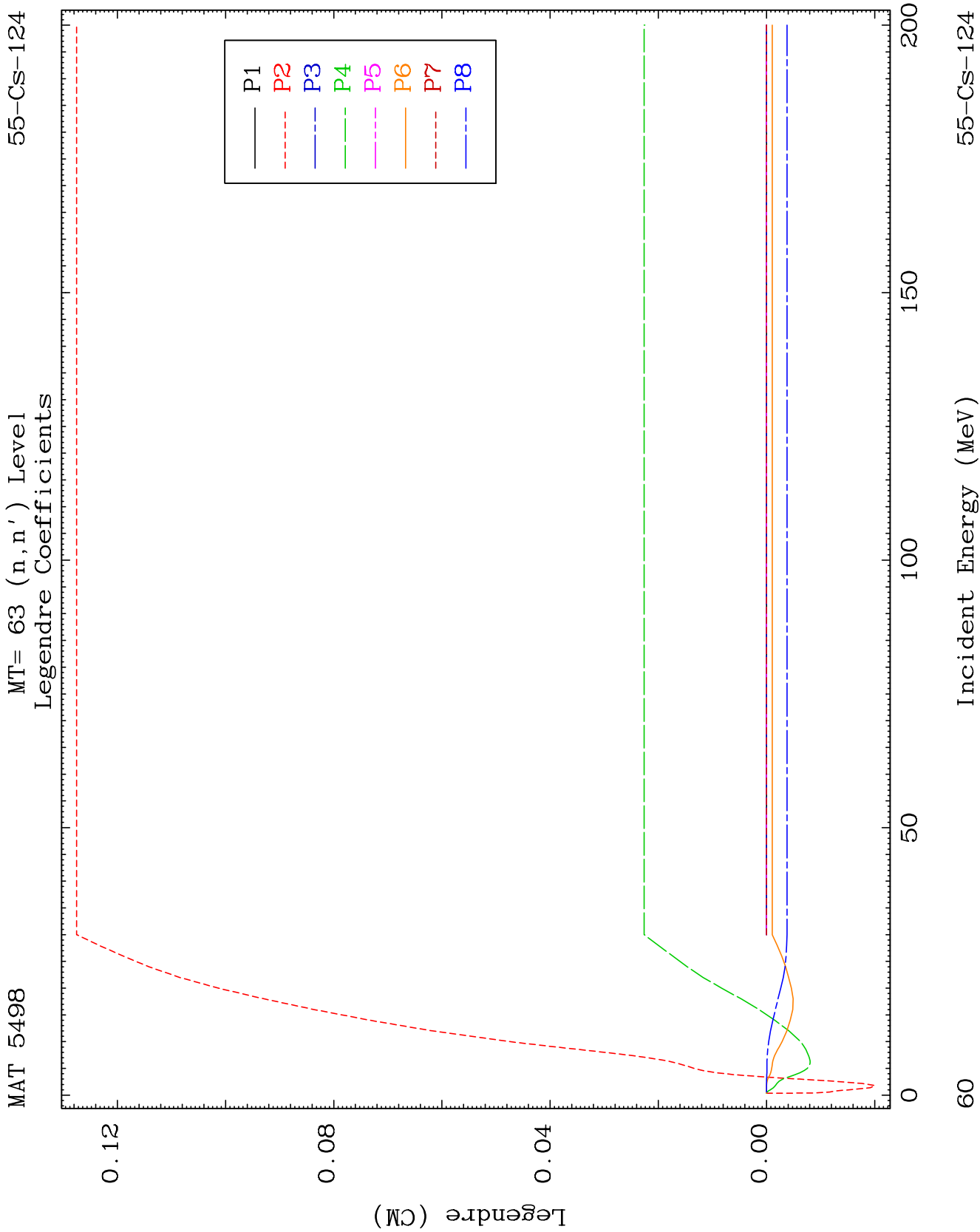
MT= 62 (n, n') Level
Legendre Coefficients

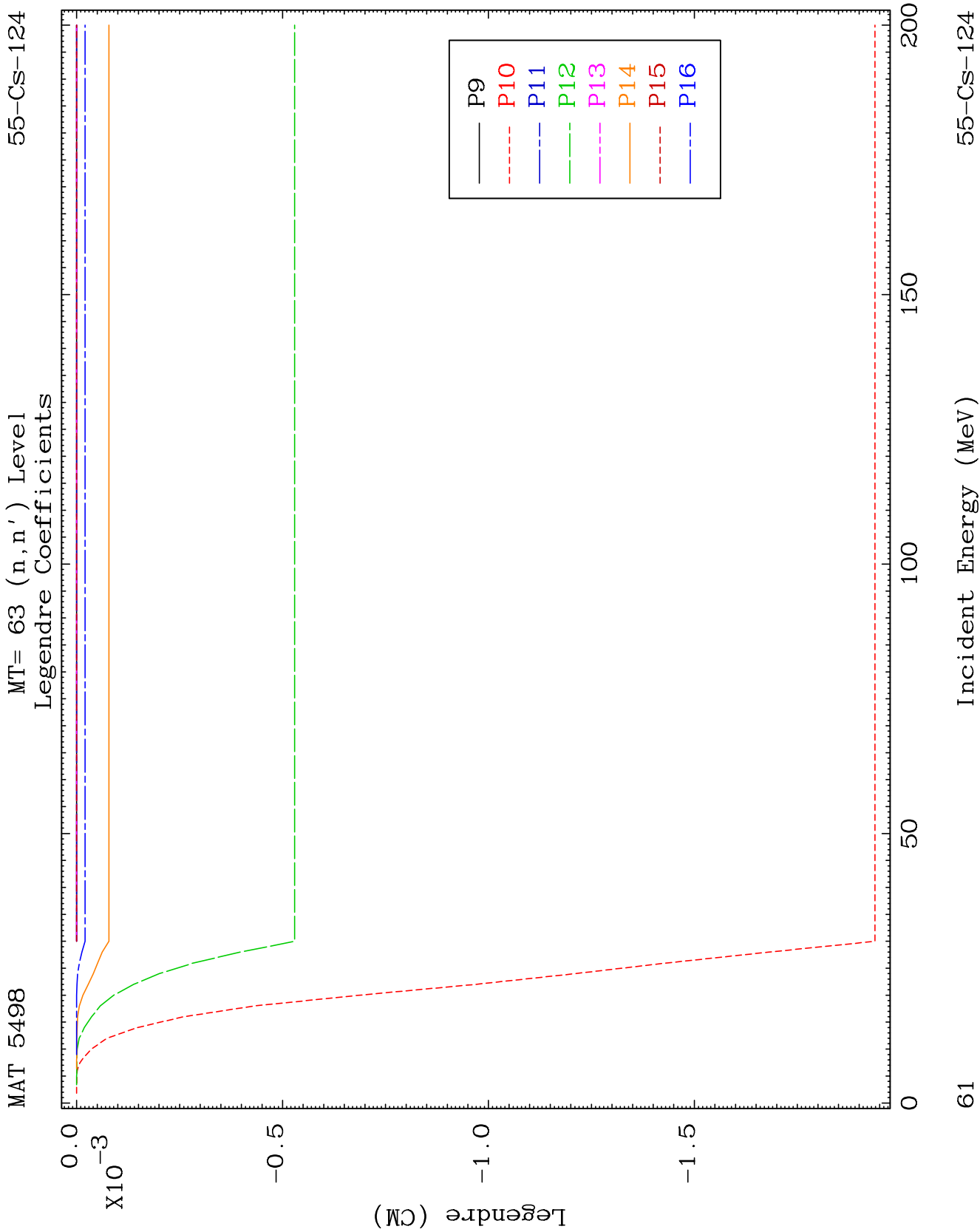
55-CS-124

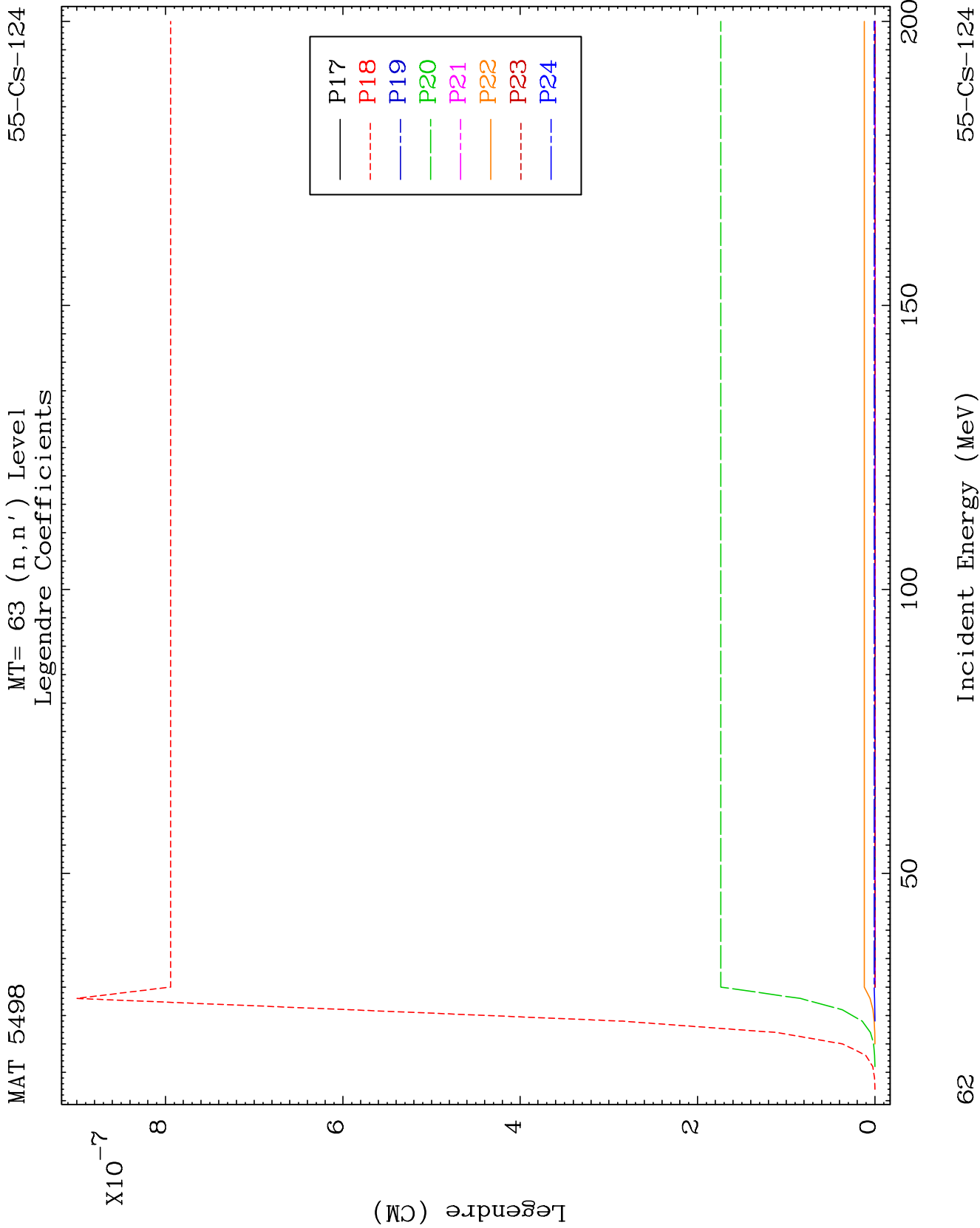


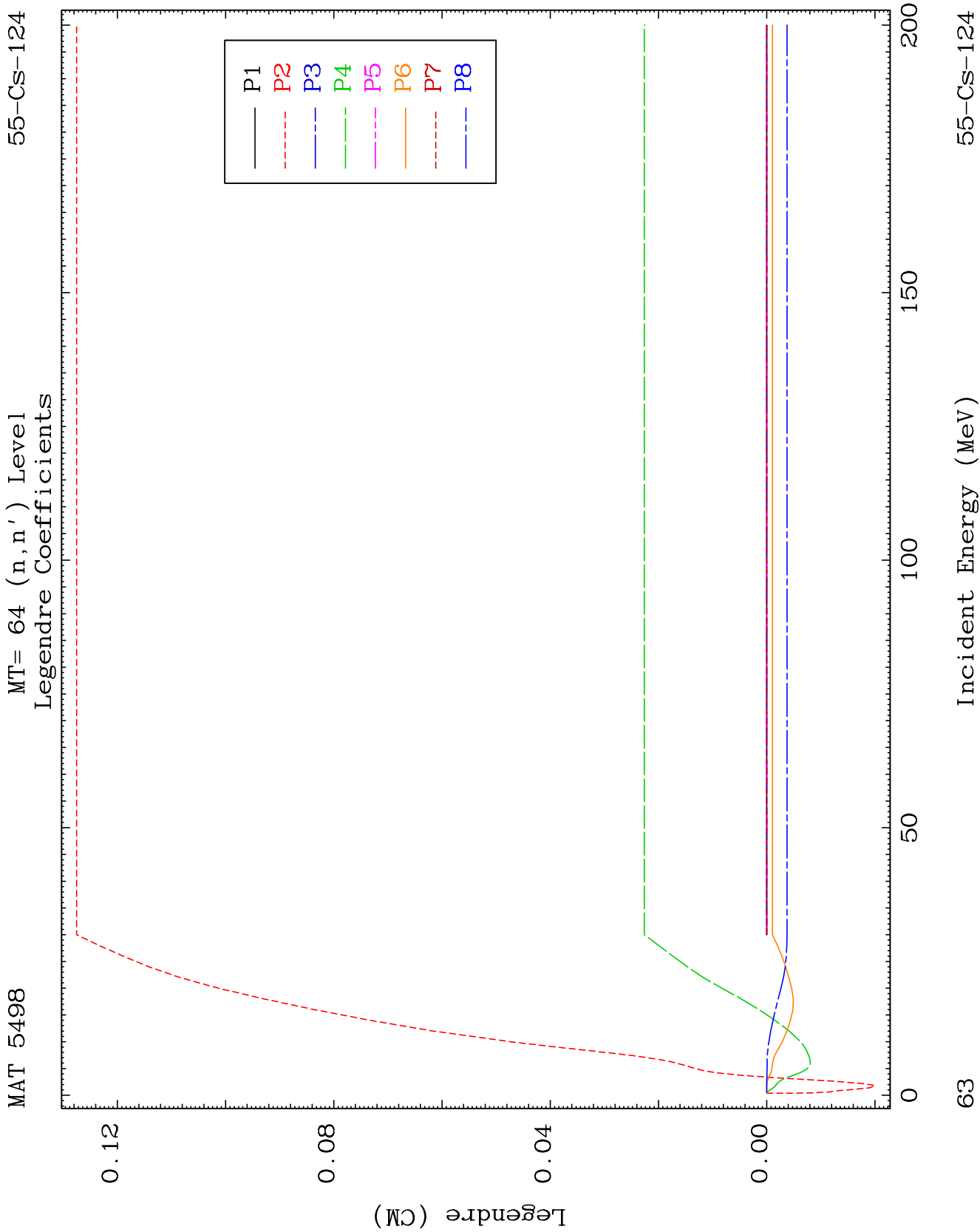


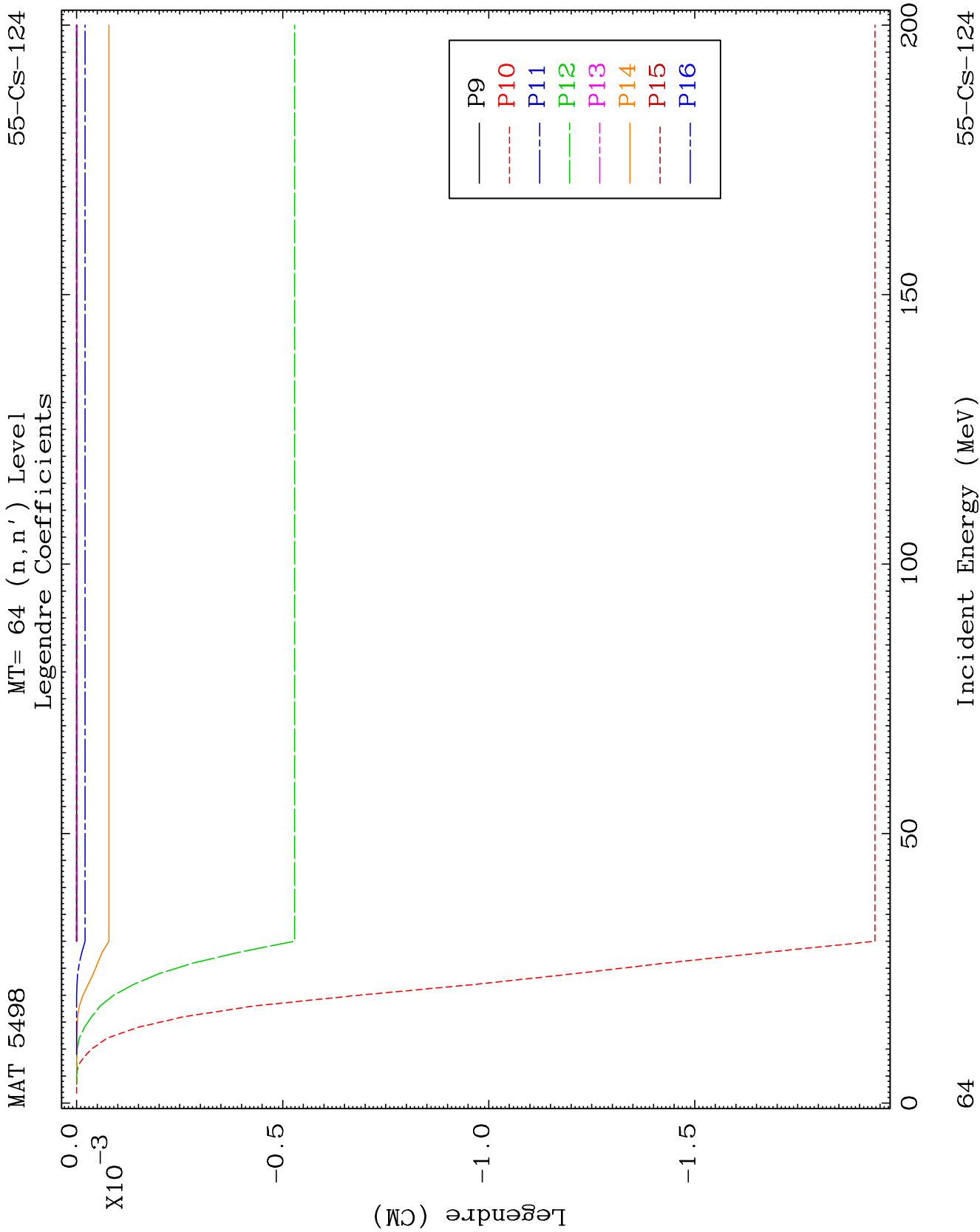


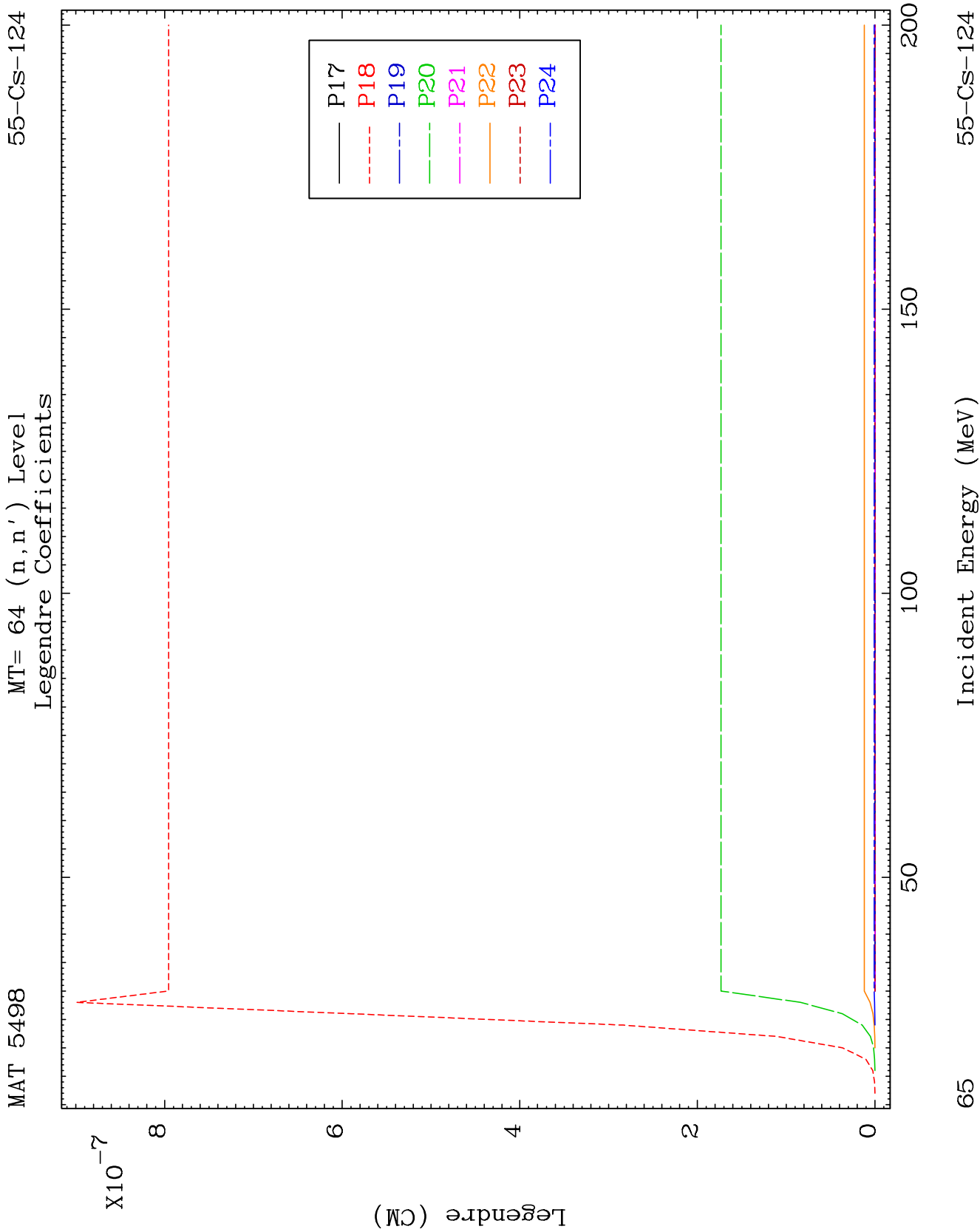


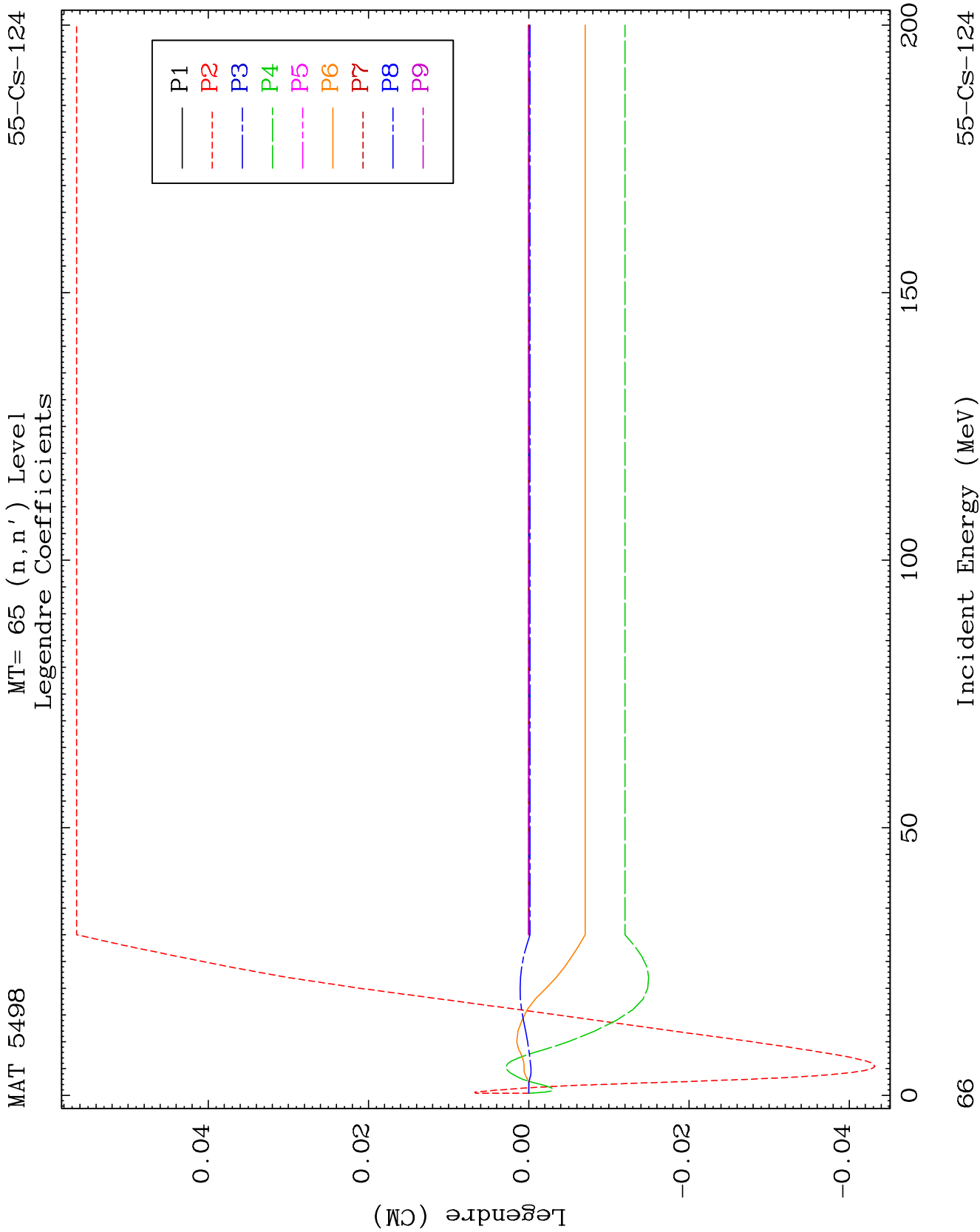


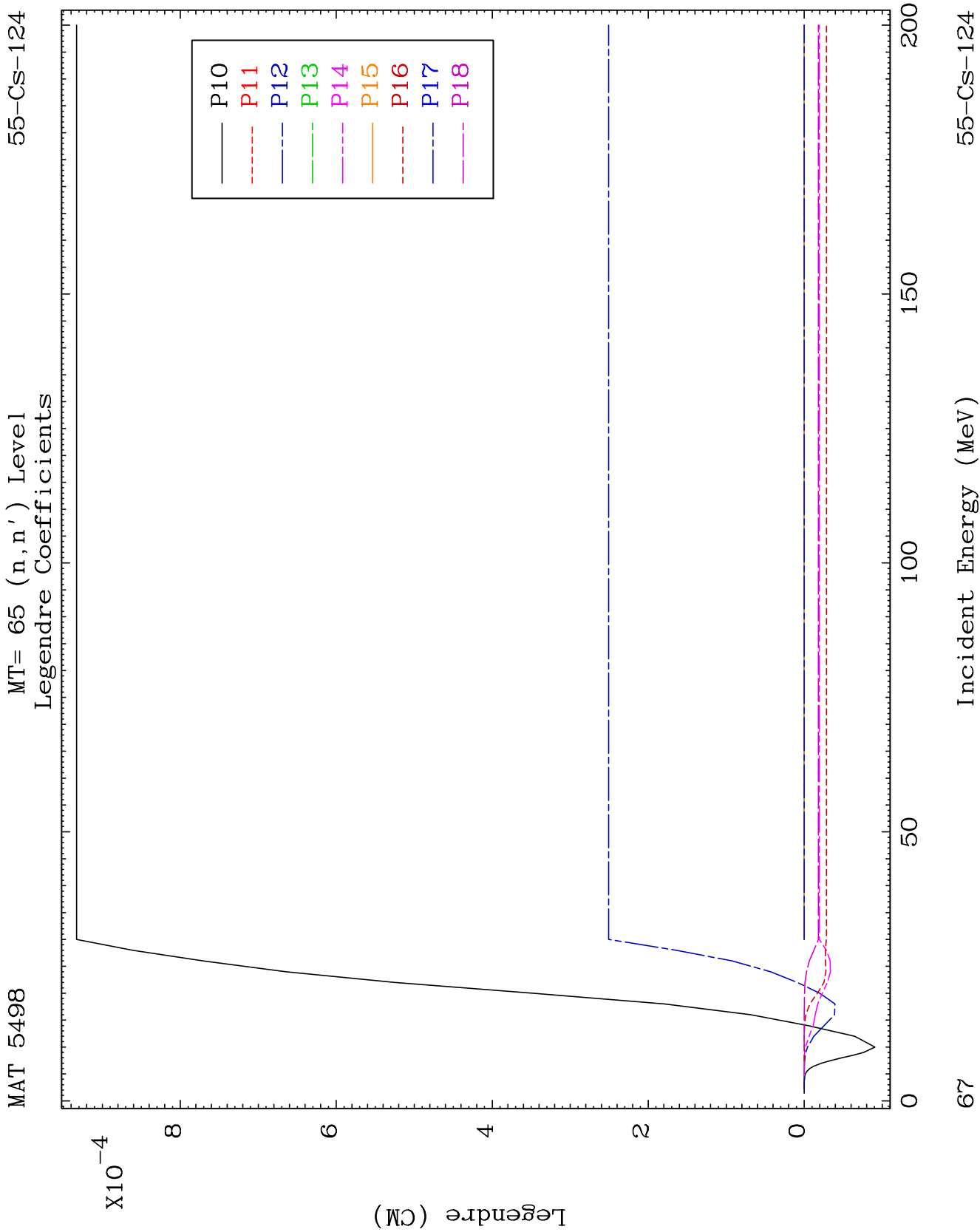


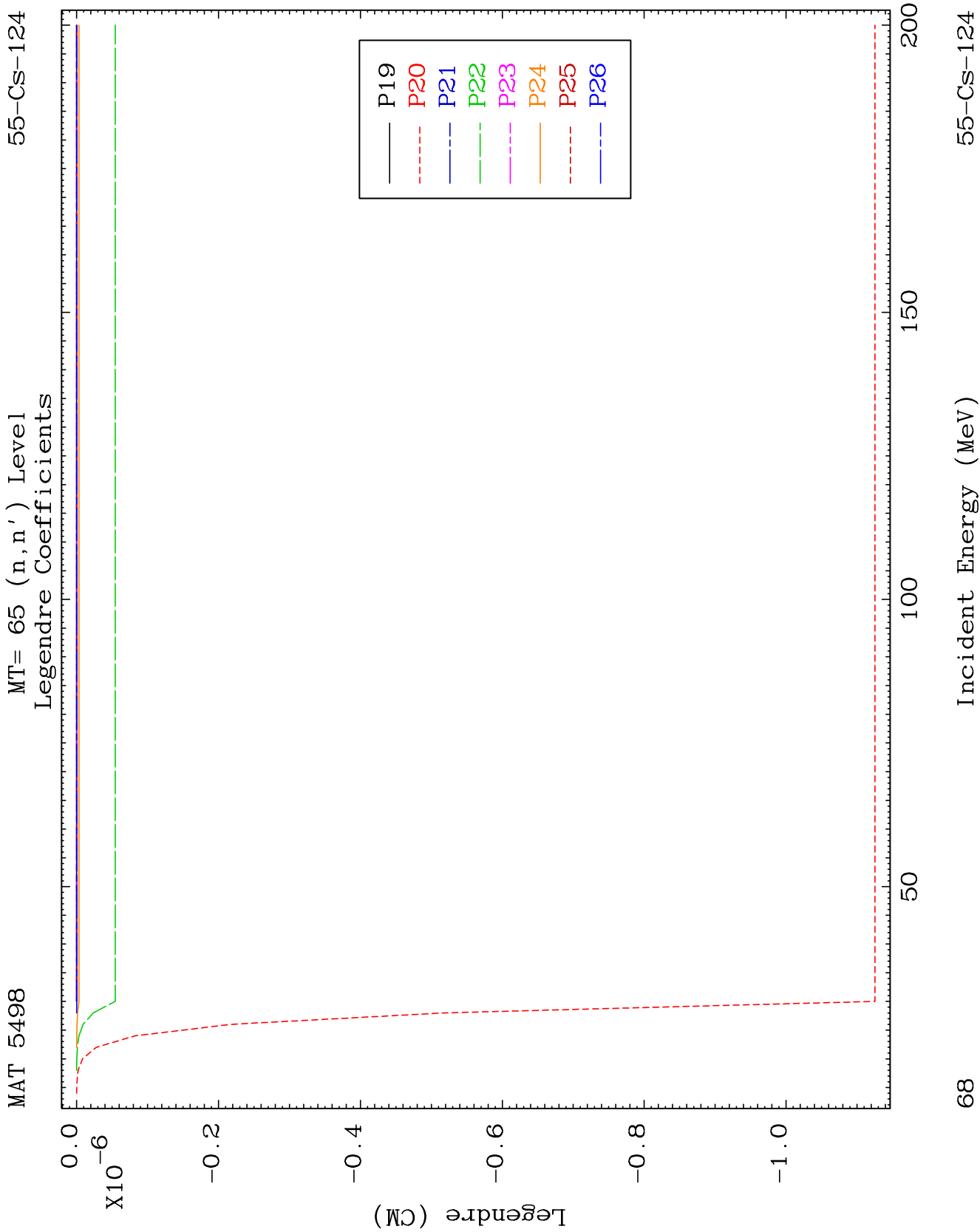








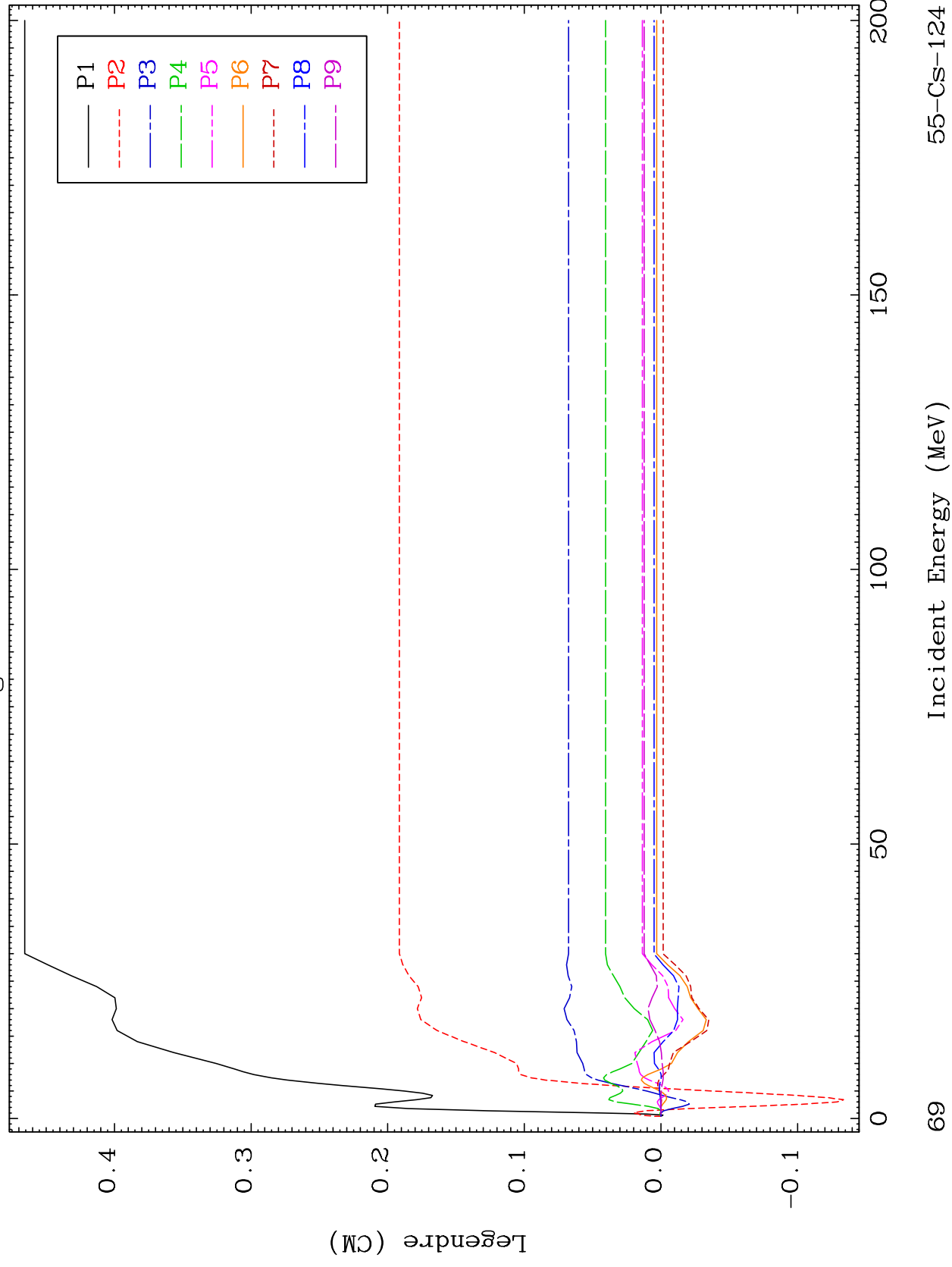




MAT 5498

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

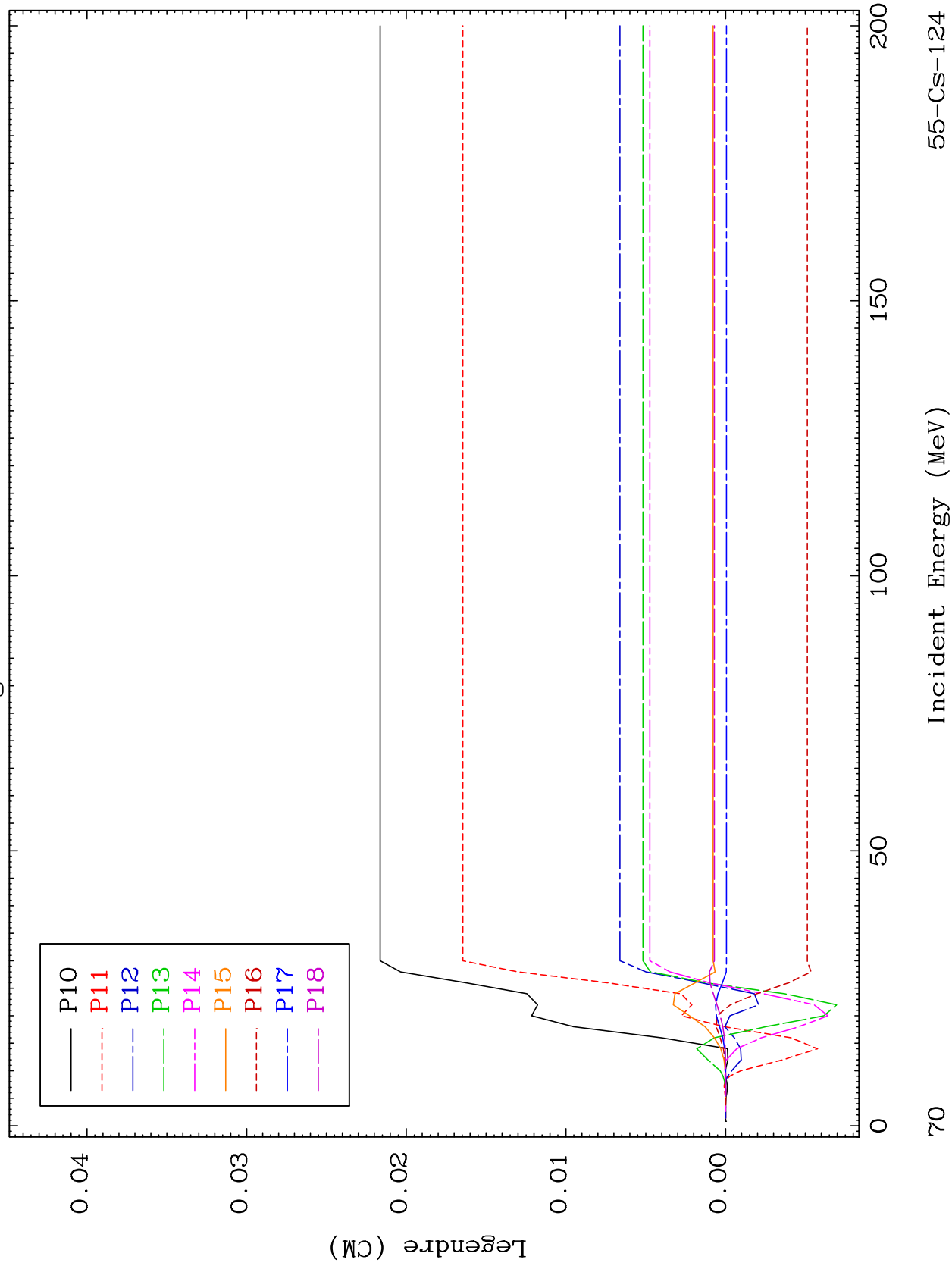
55-CS-124

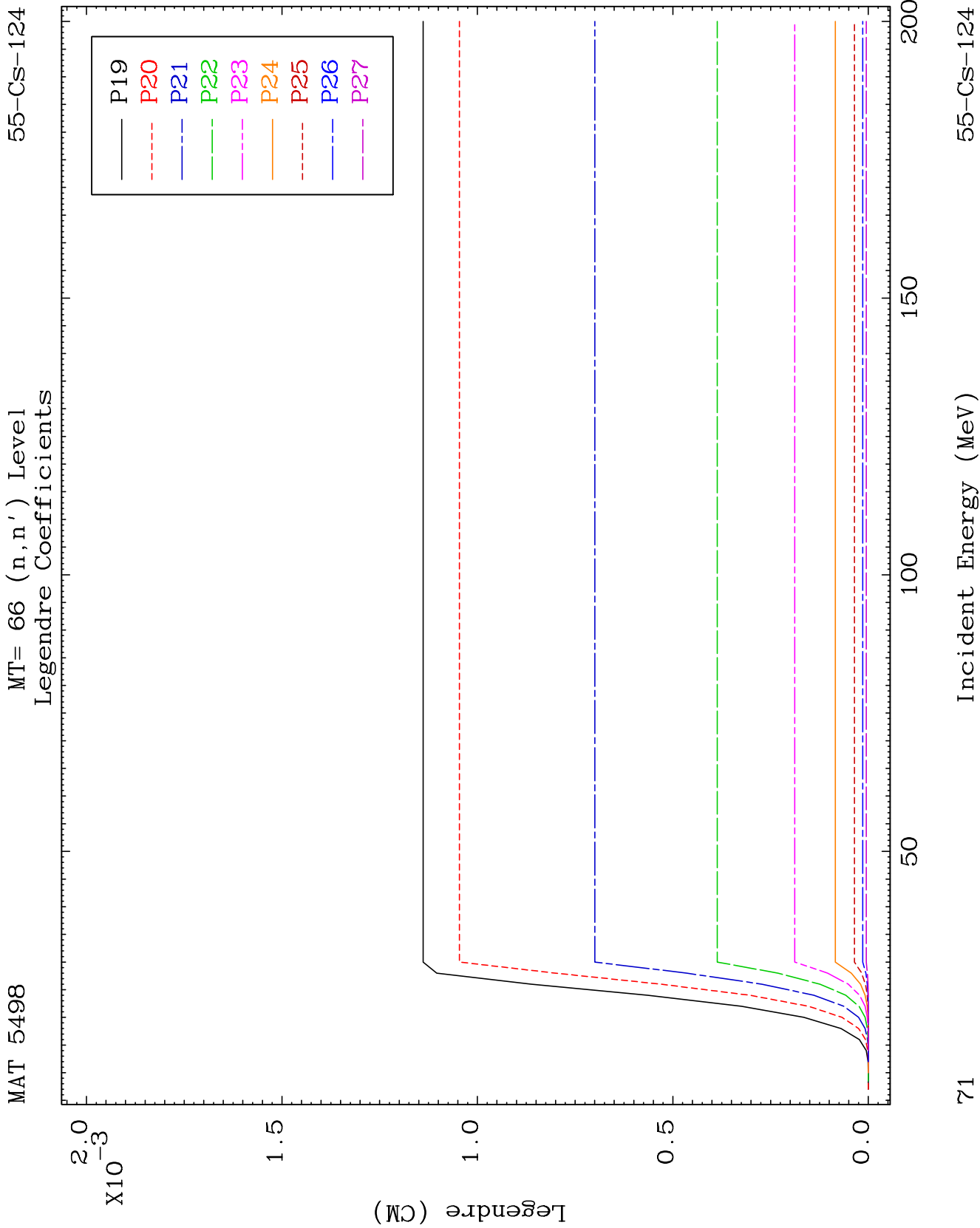


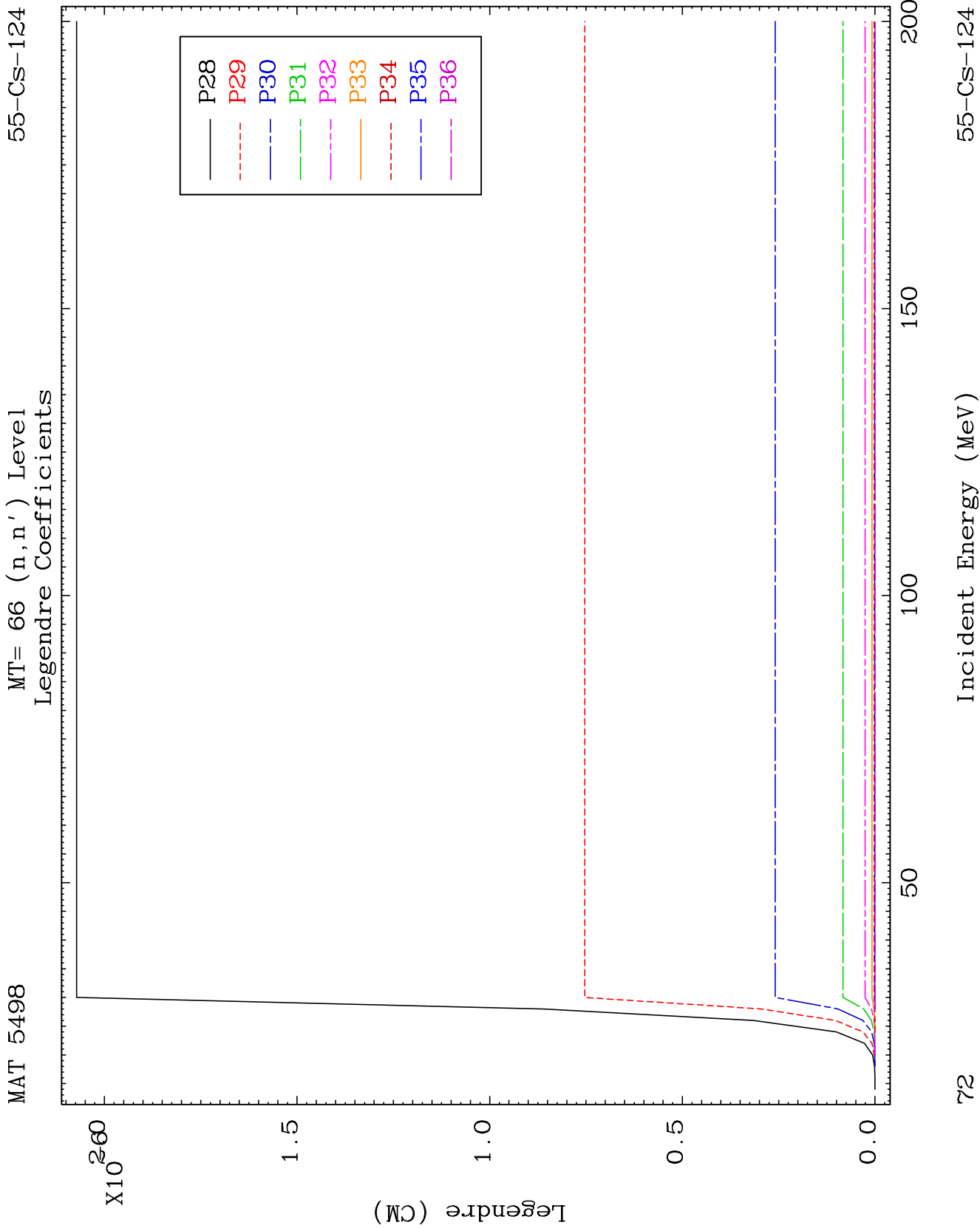
MAT 5498

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

55-CS-124



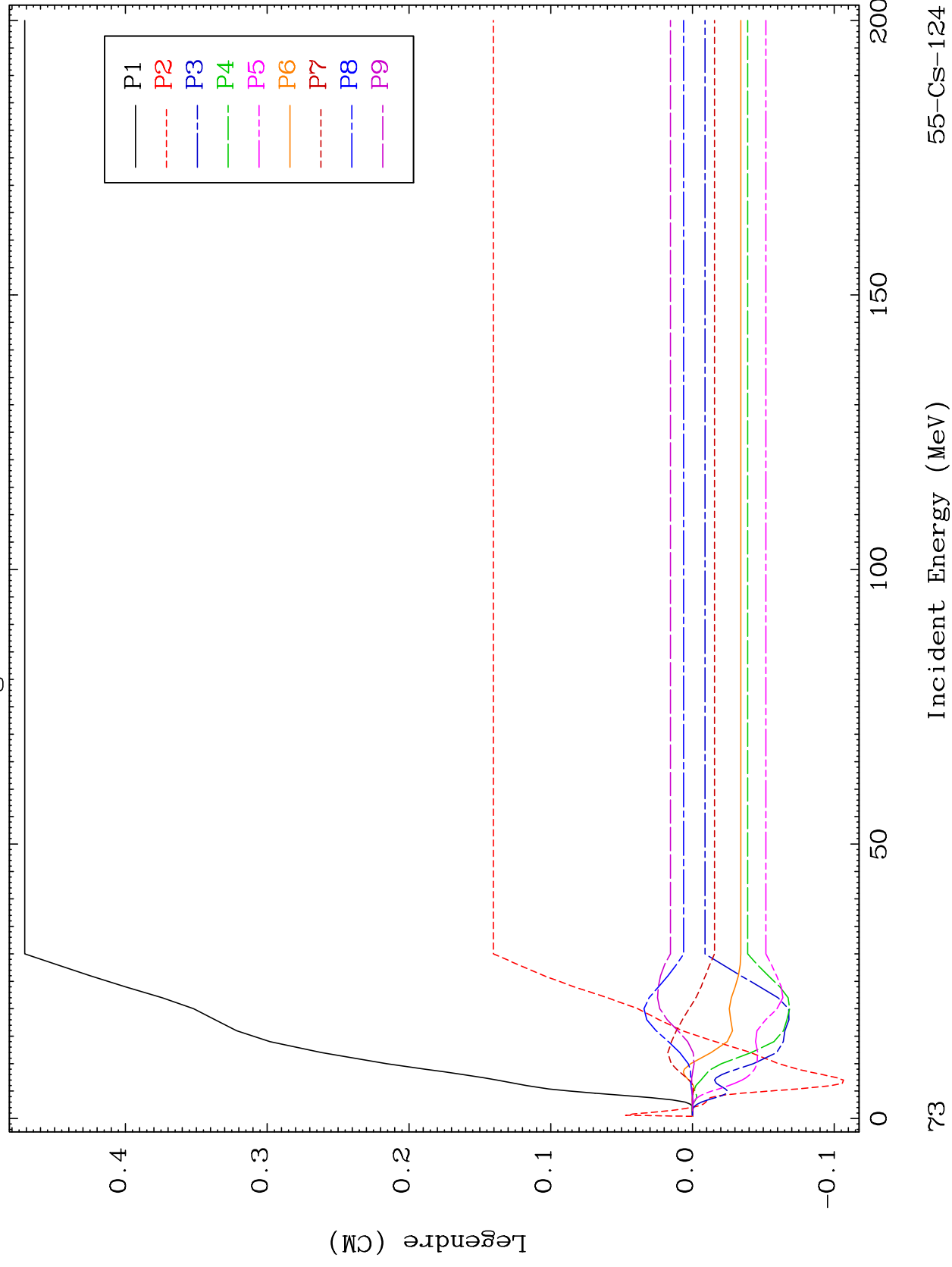




MAT 5498

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

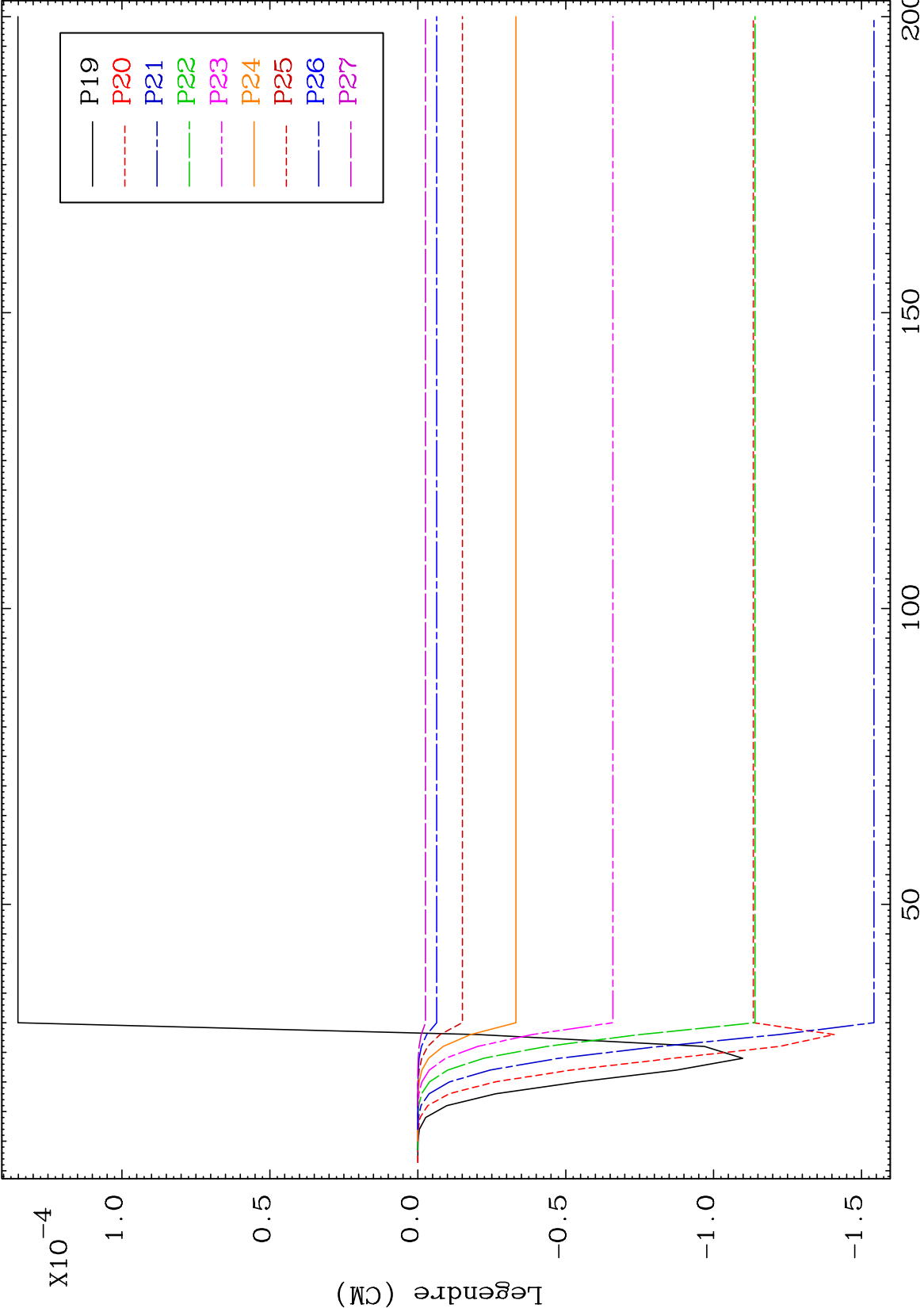
55-CS-124



MAT 5498

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

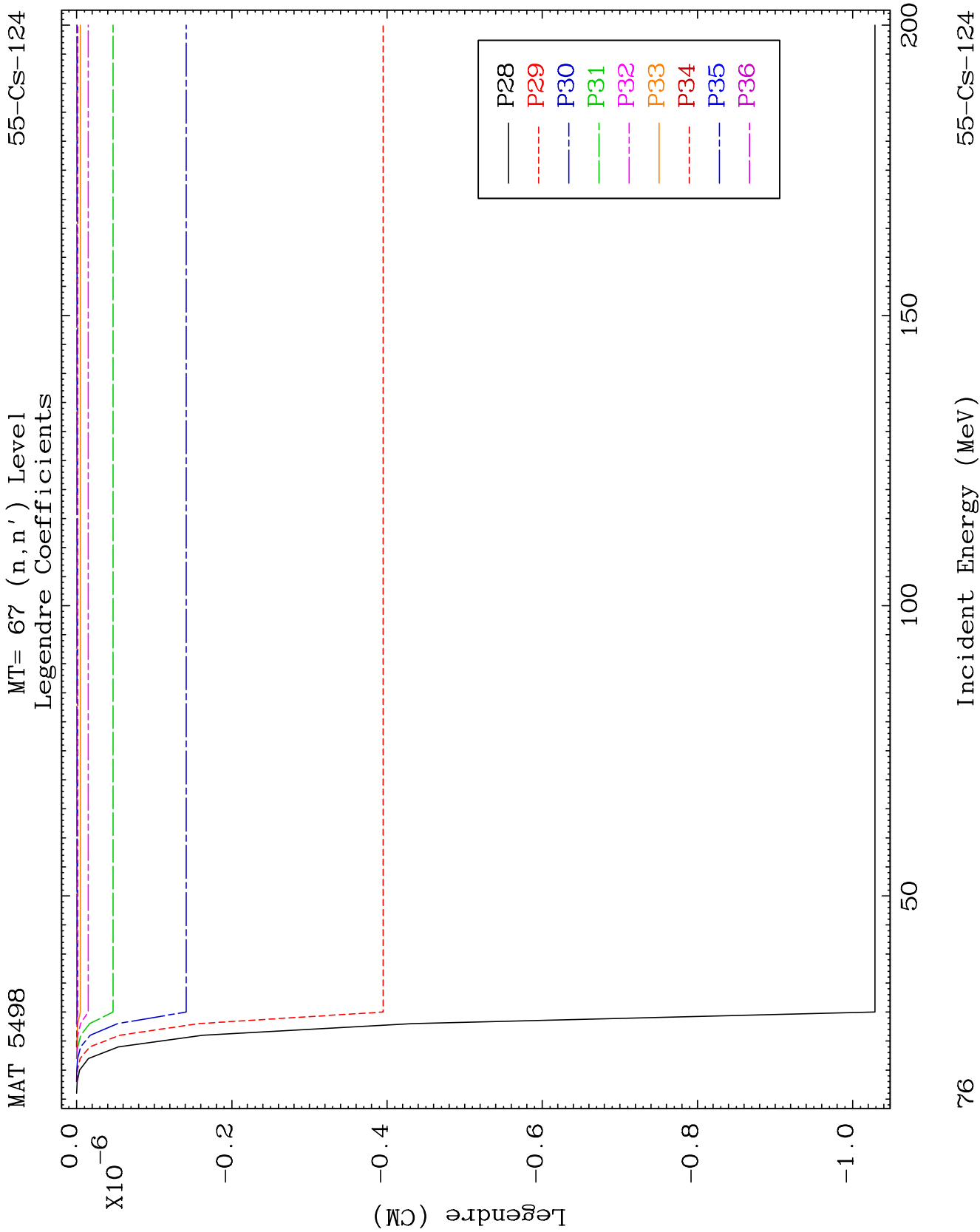
55-Cs-124



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Incident Energy (MeV)

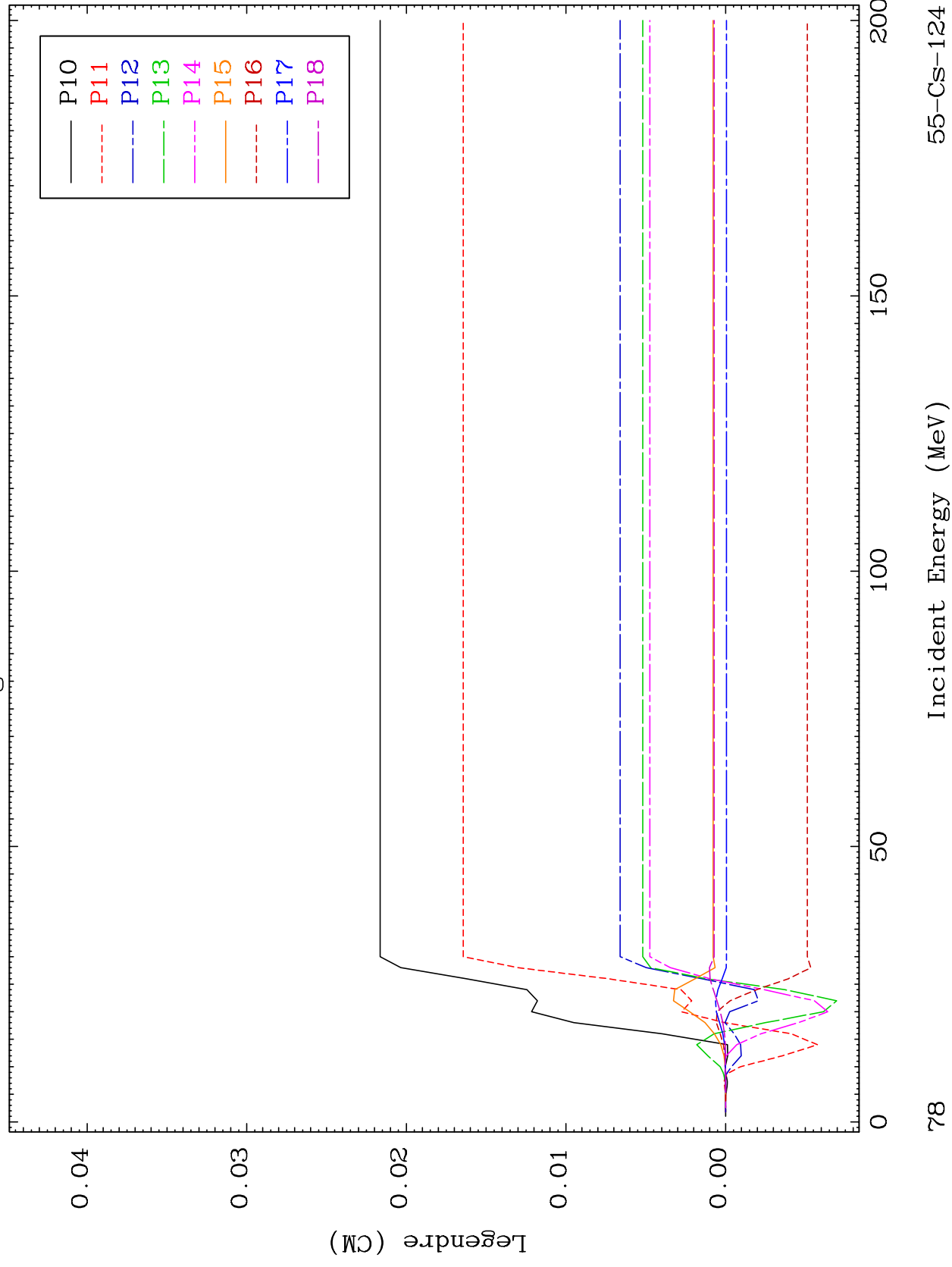
55-Cs-124

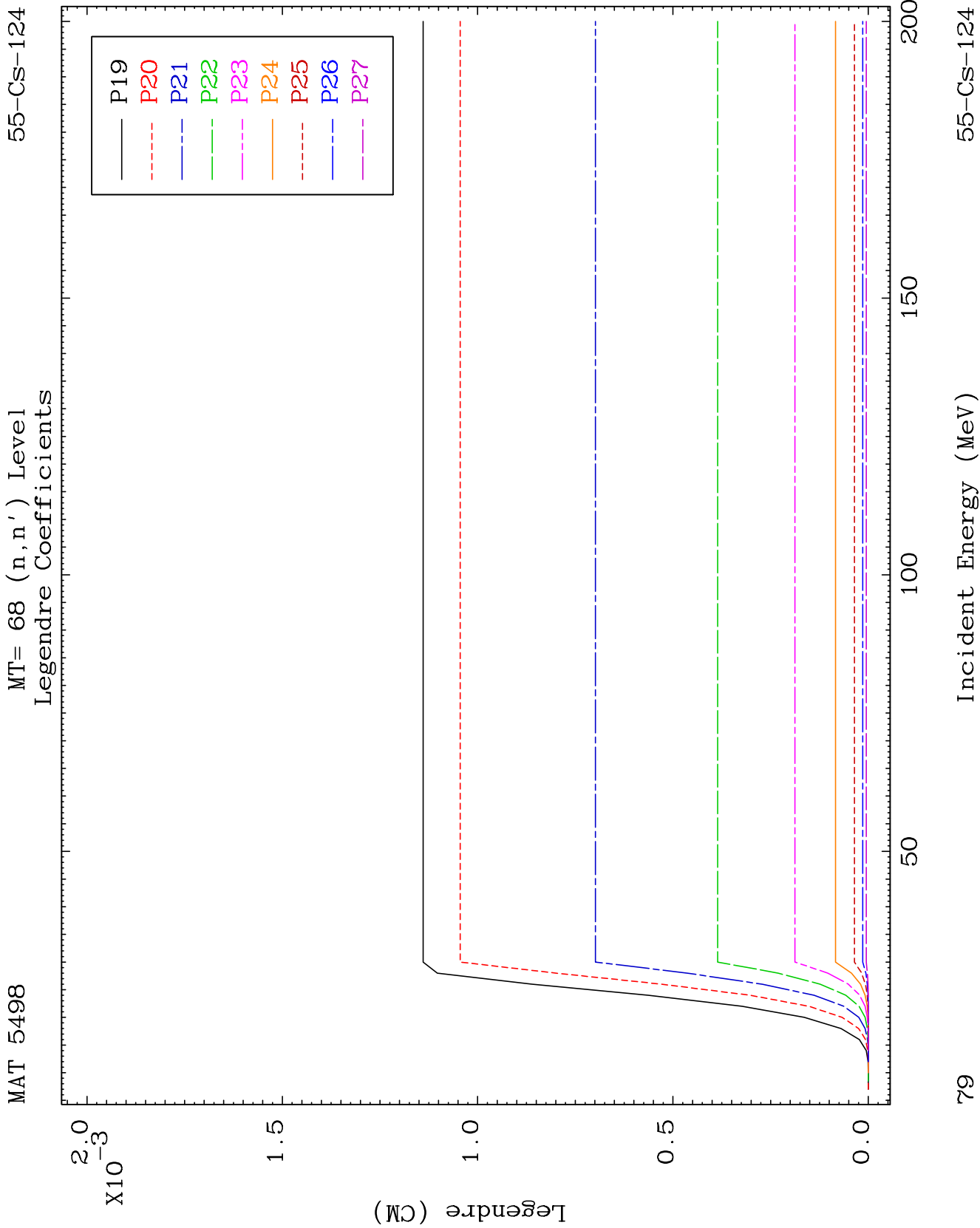


MAT 5498

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

55-CS-124

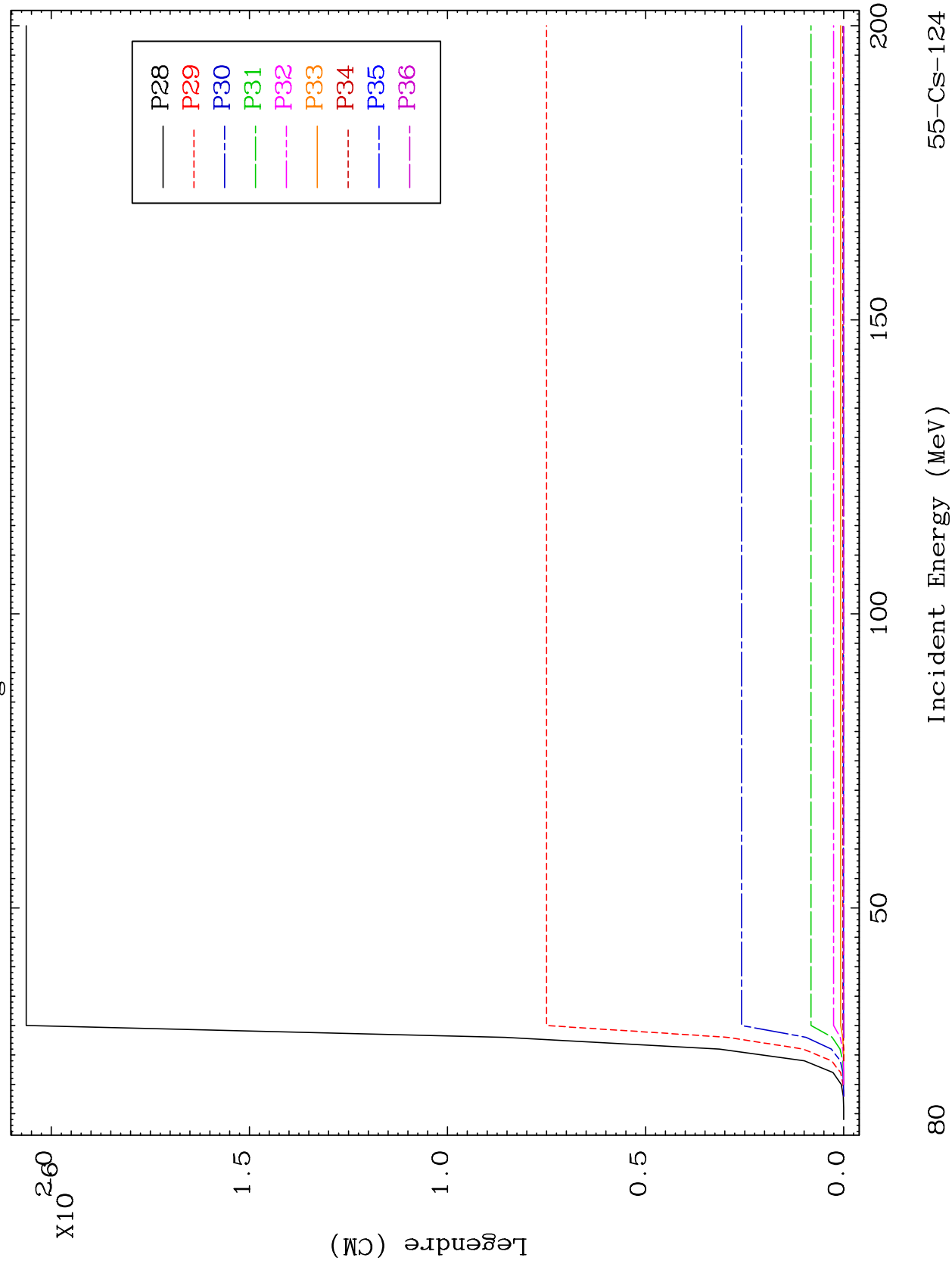


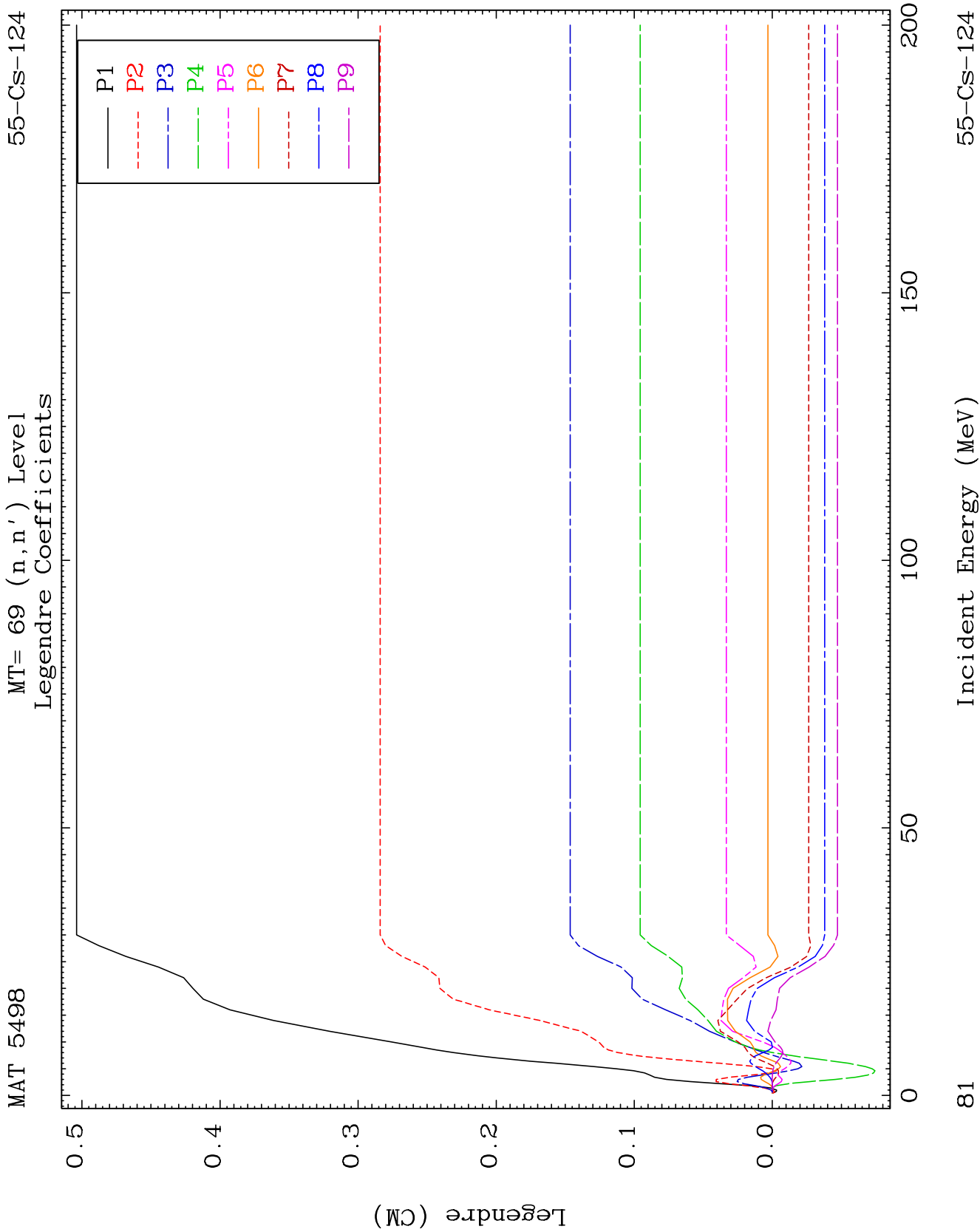


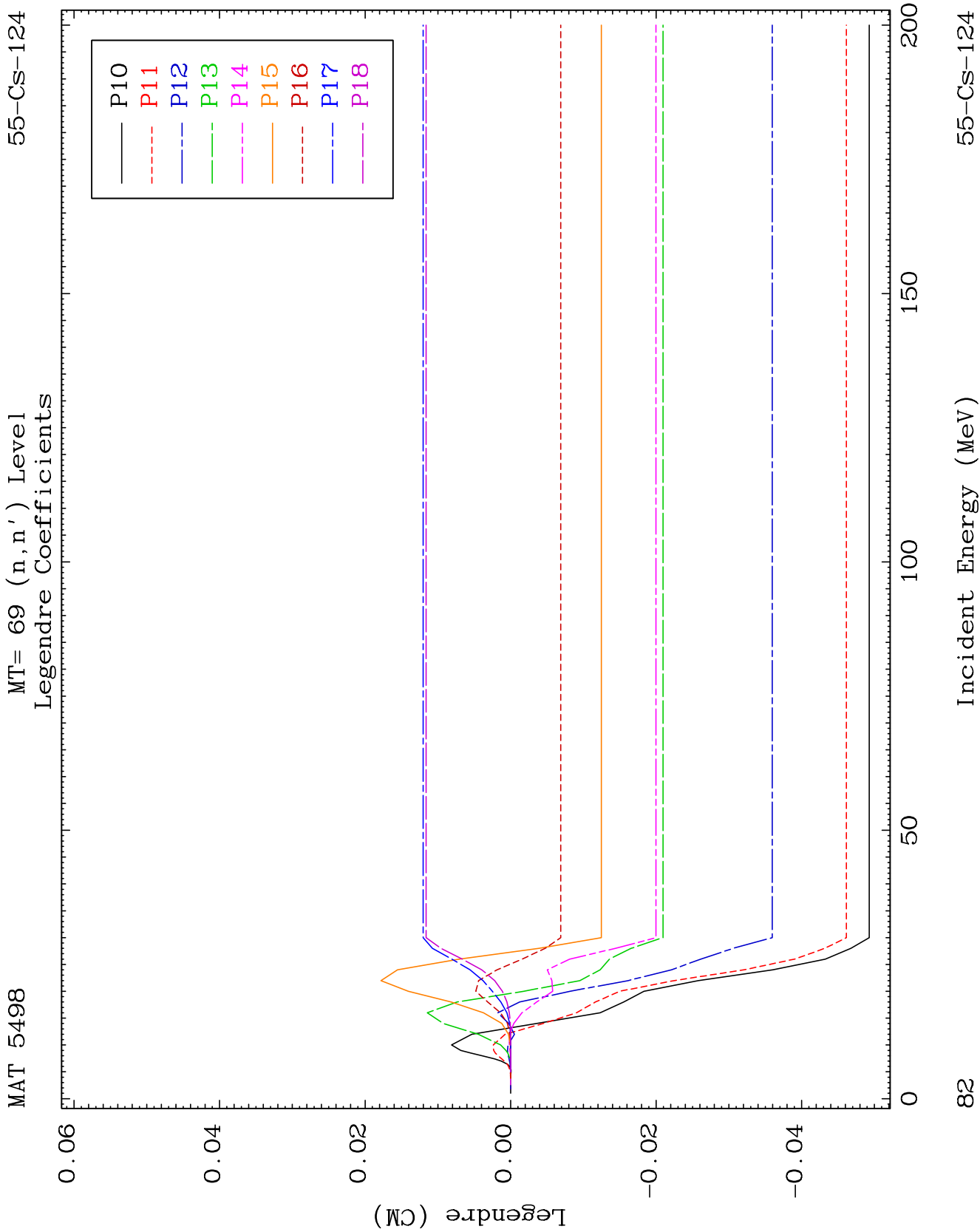
MAT 5498

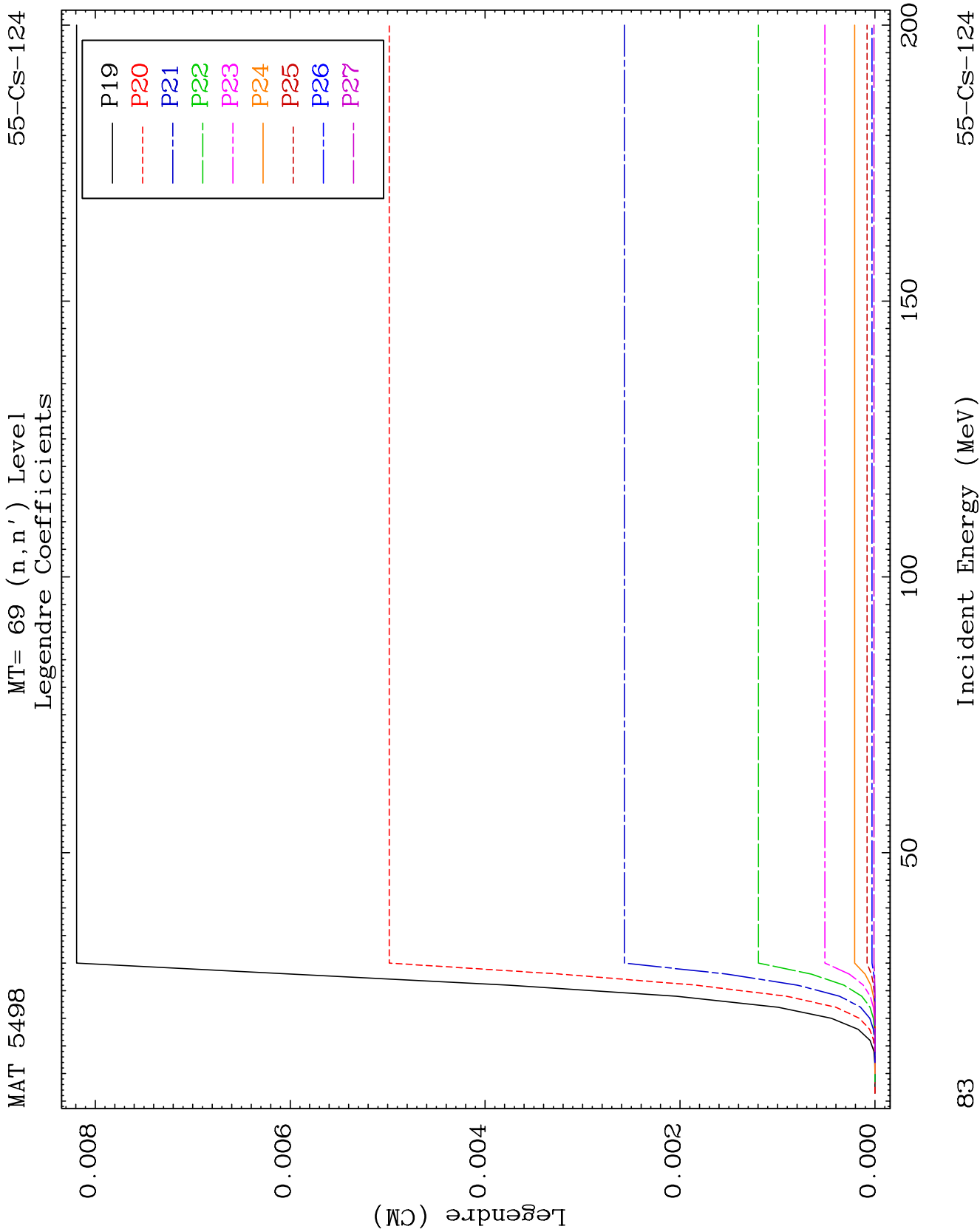
MT= 68 (n, n') Level Legendre Coefficients

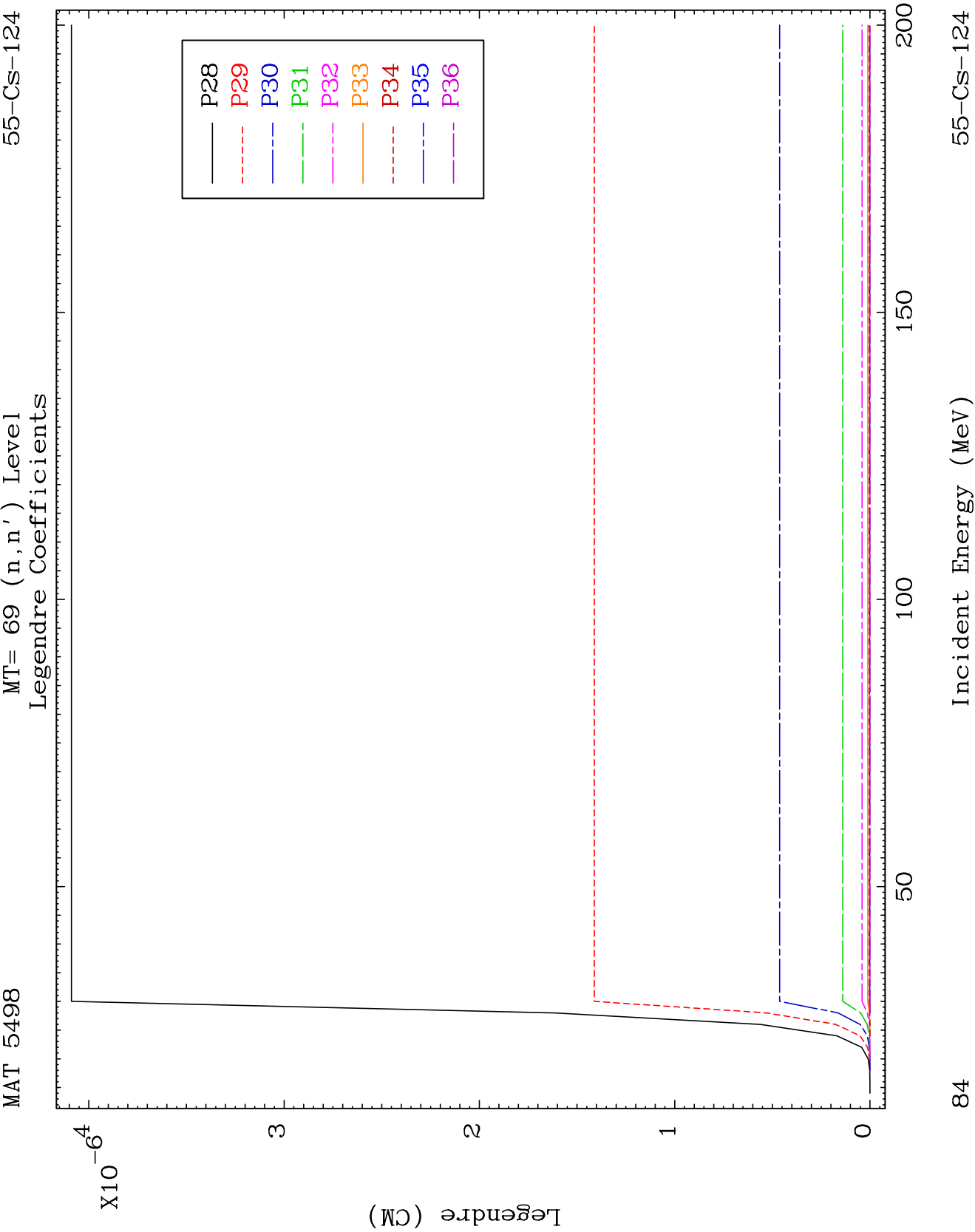
55-CS-124

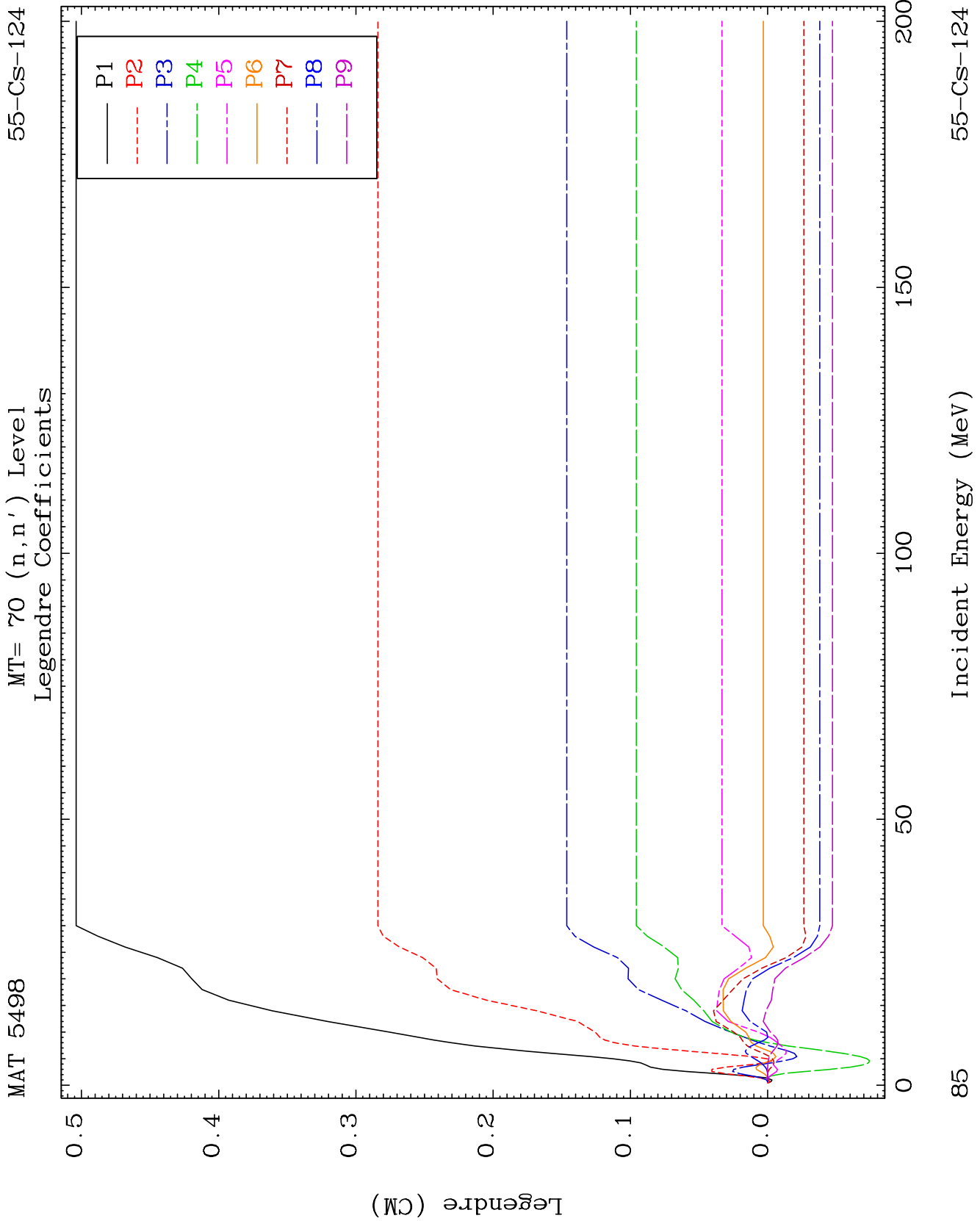


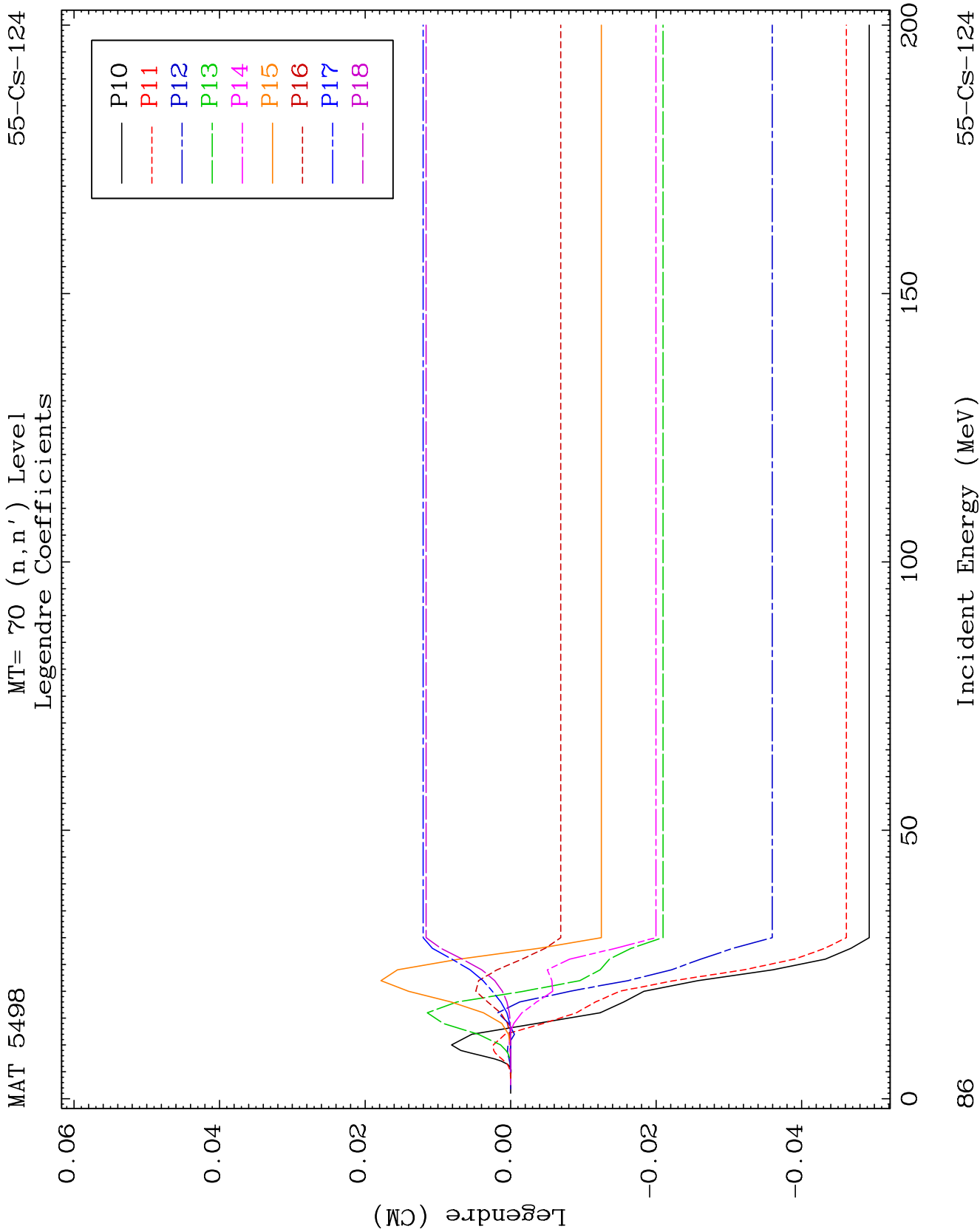


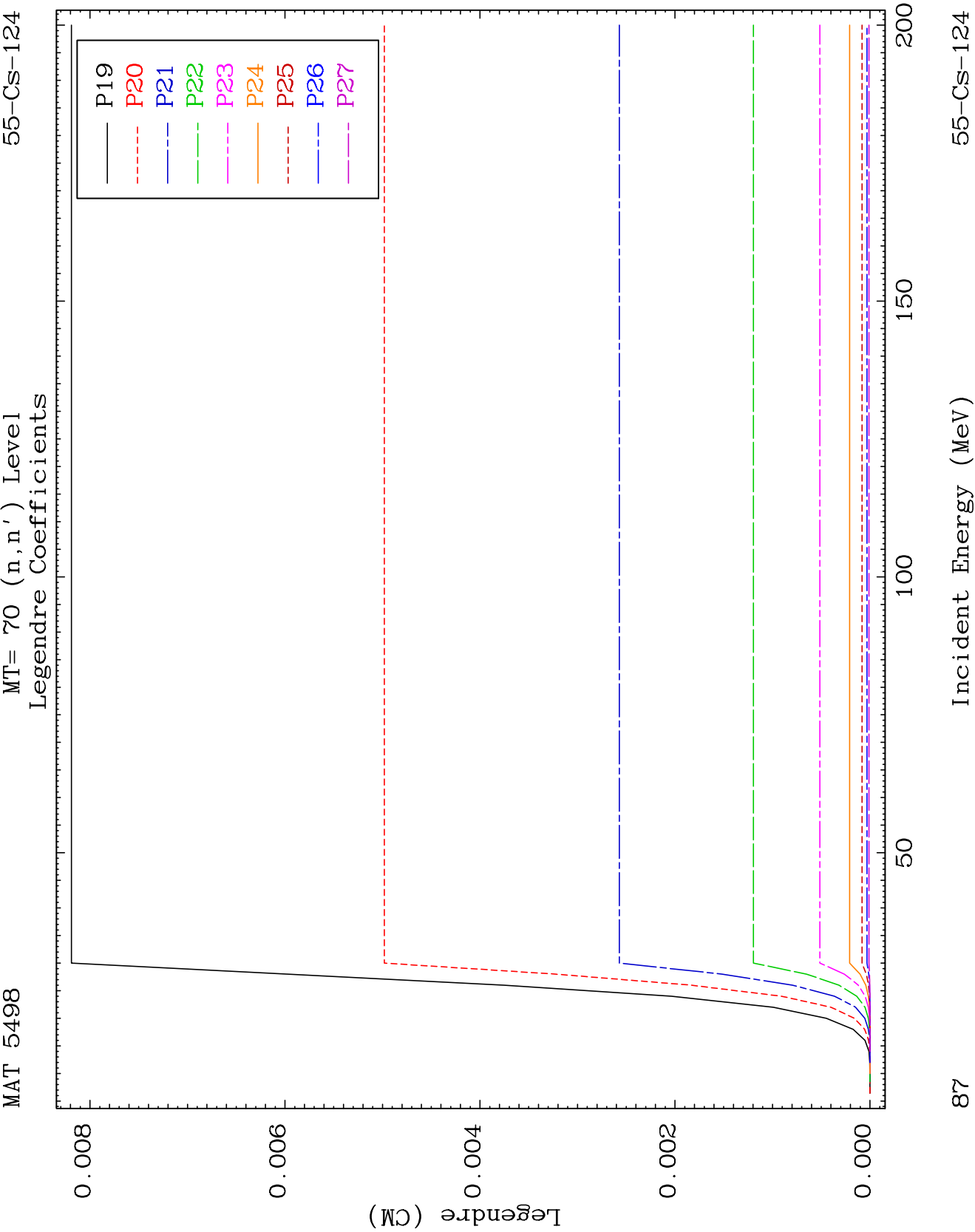


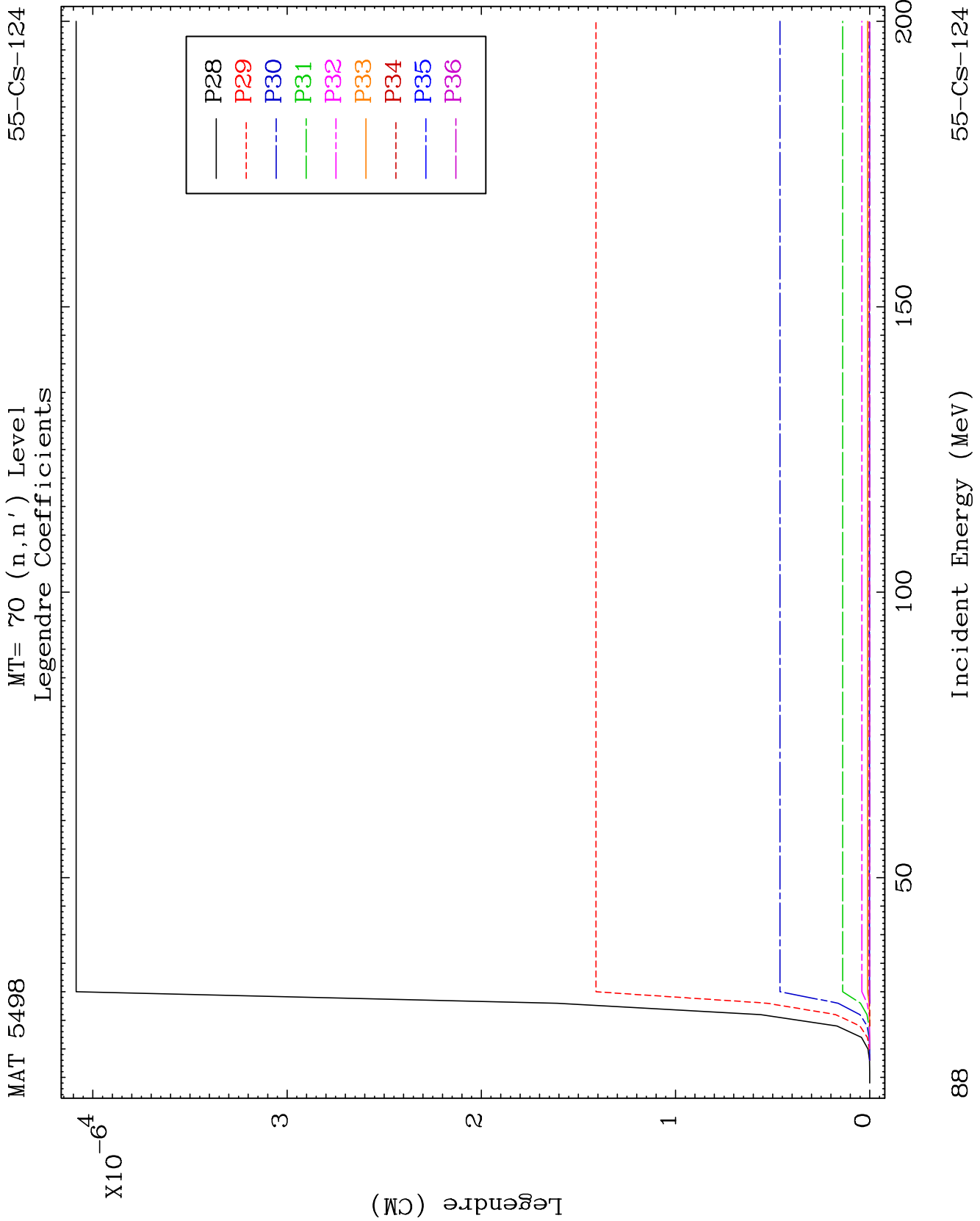


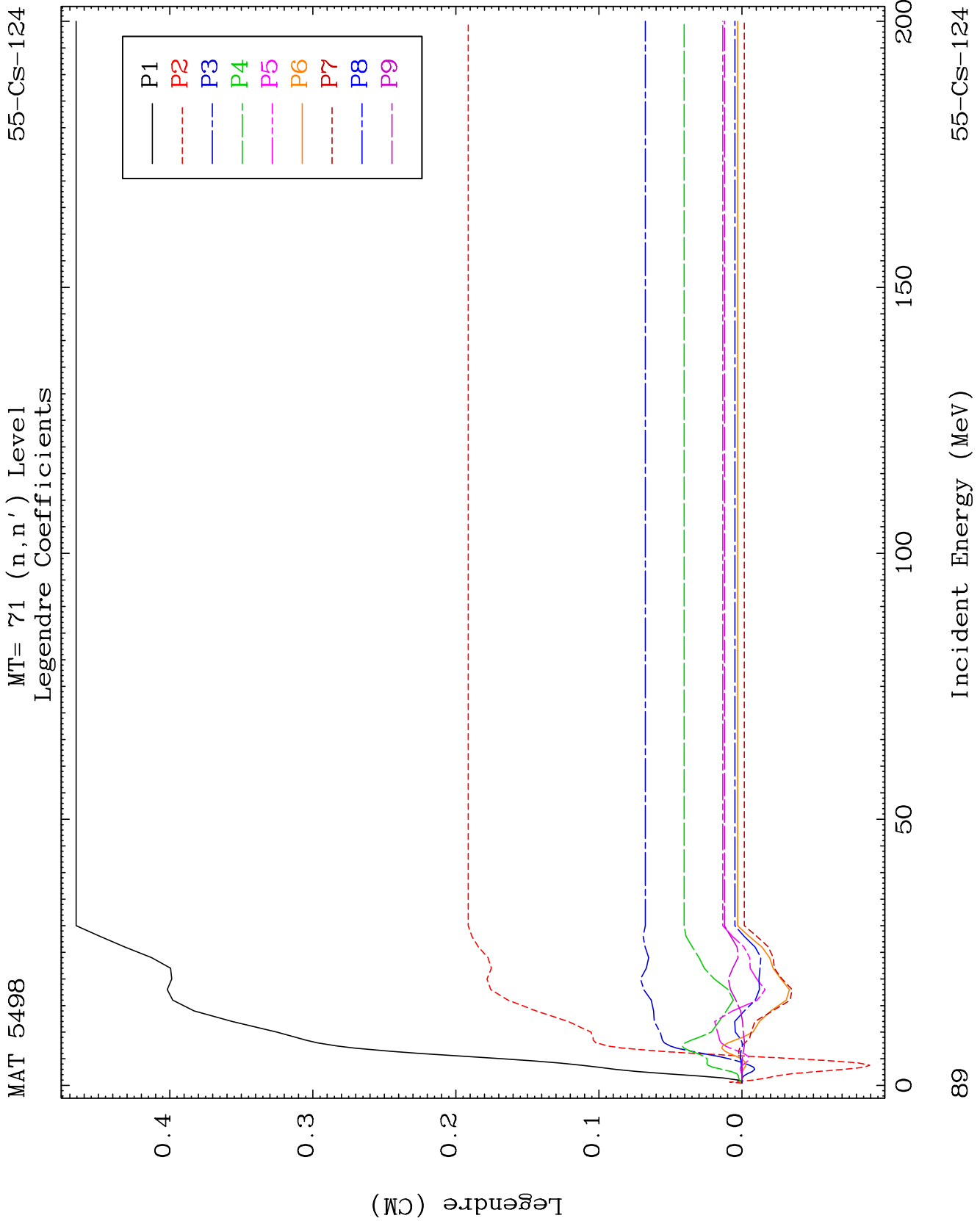


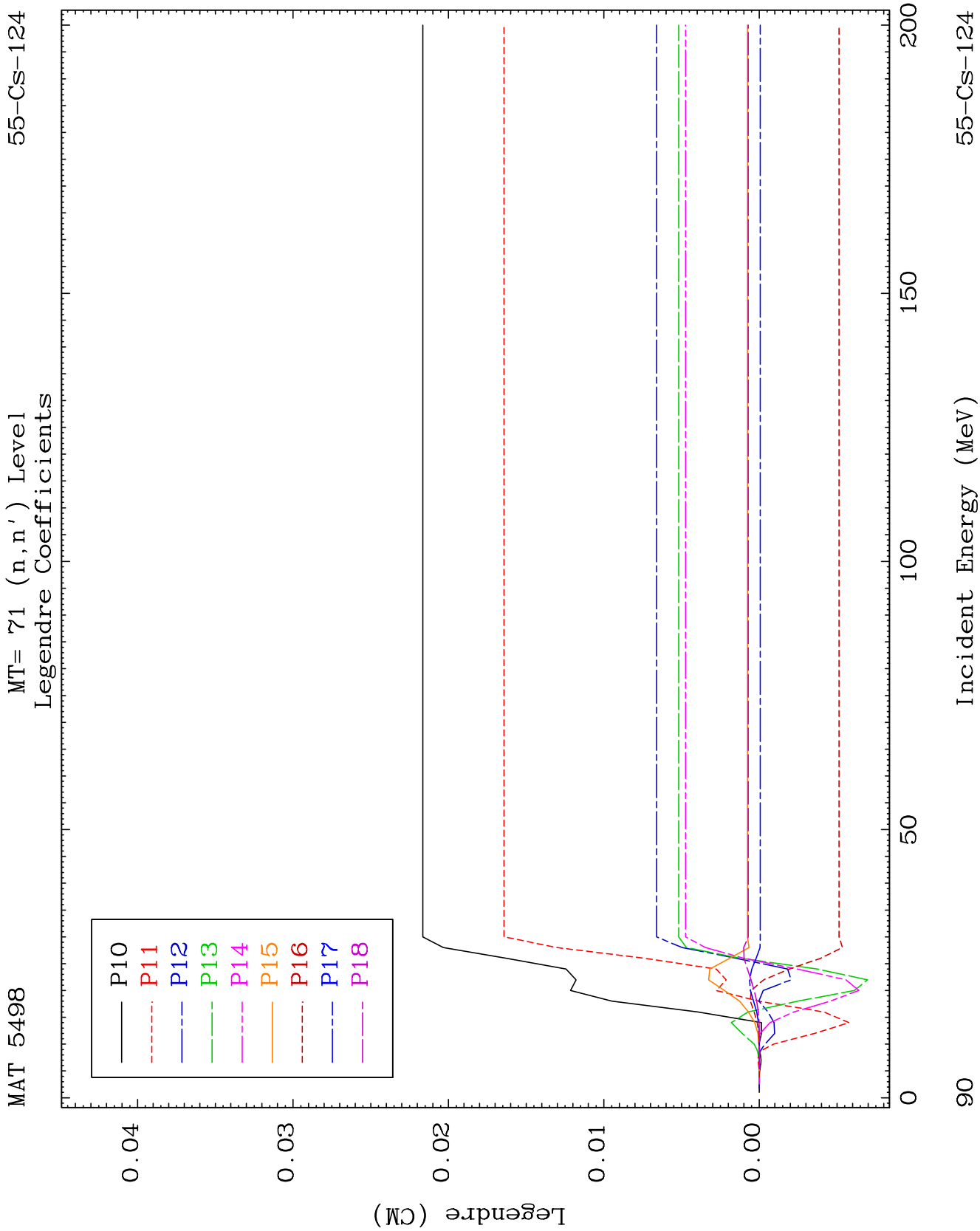


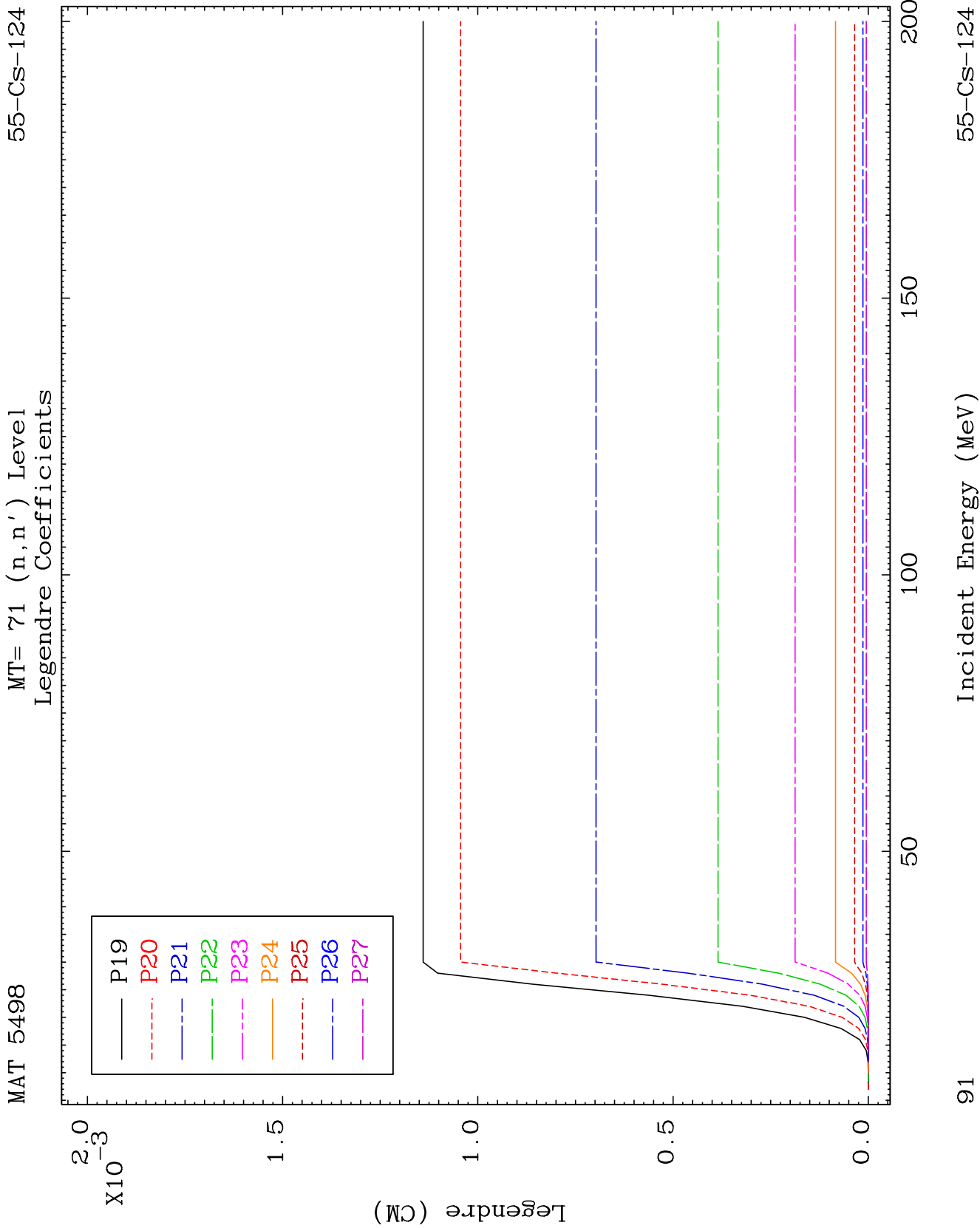


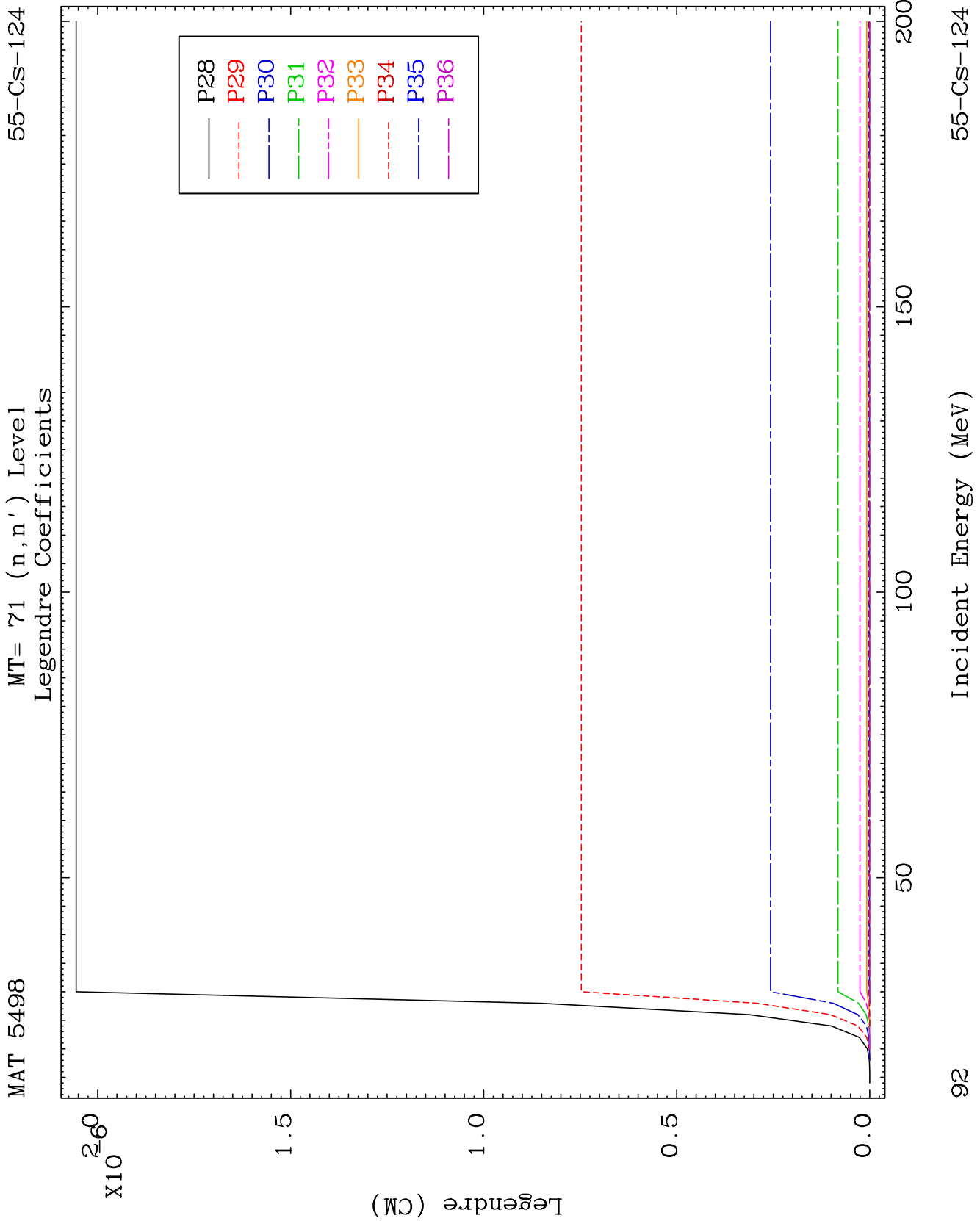








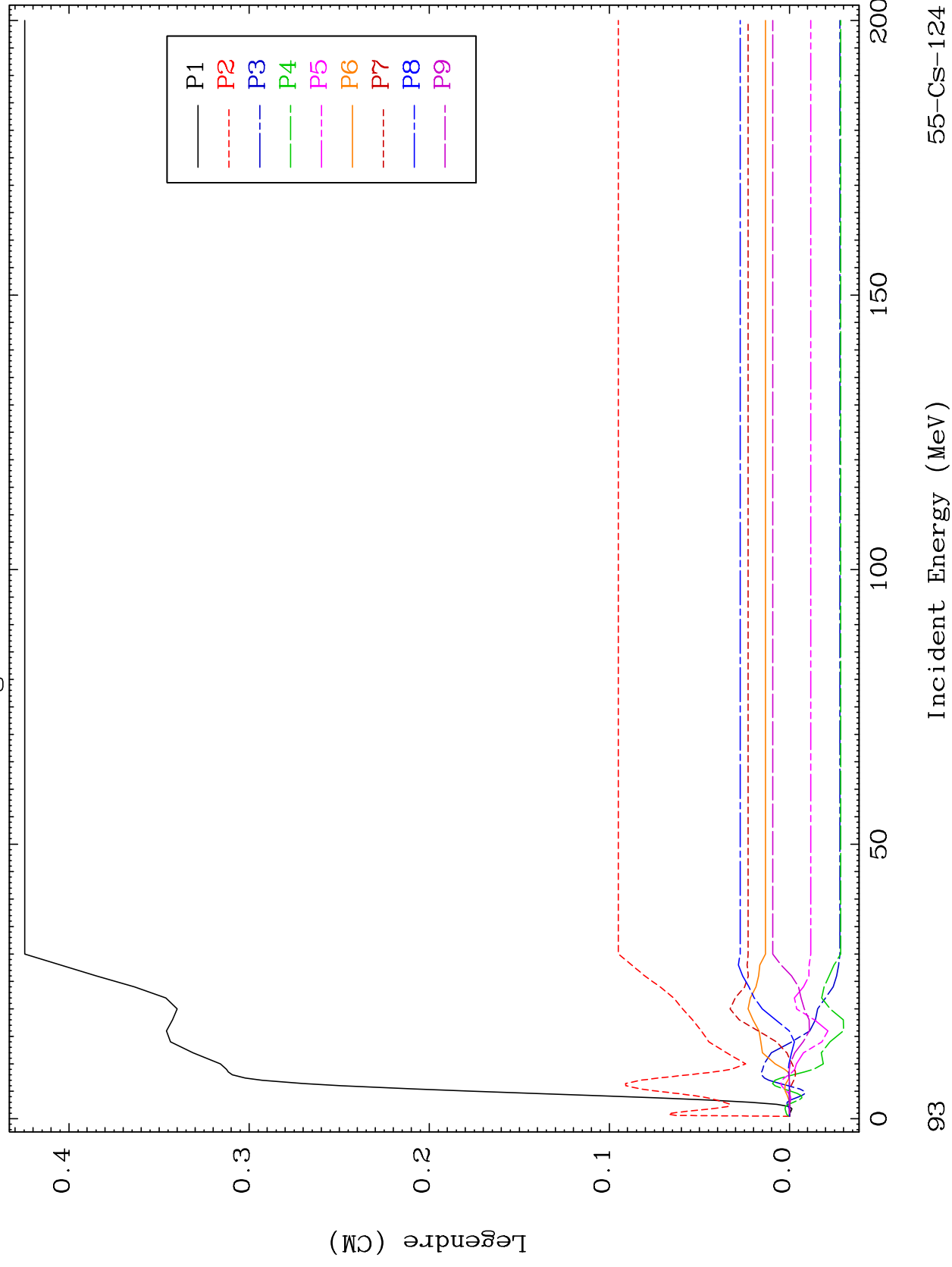


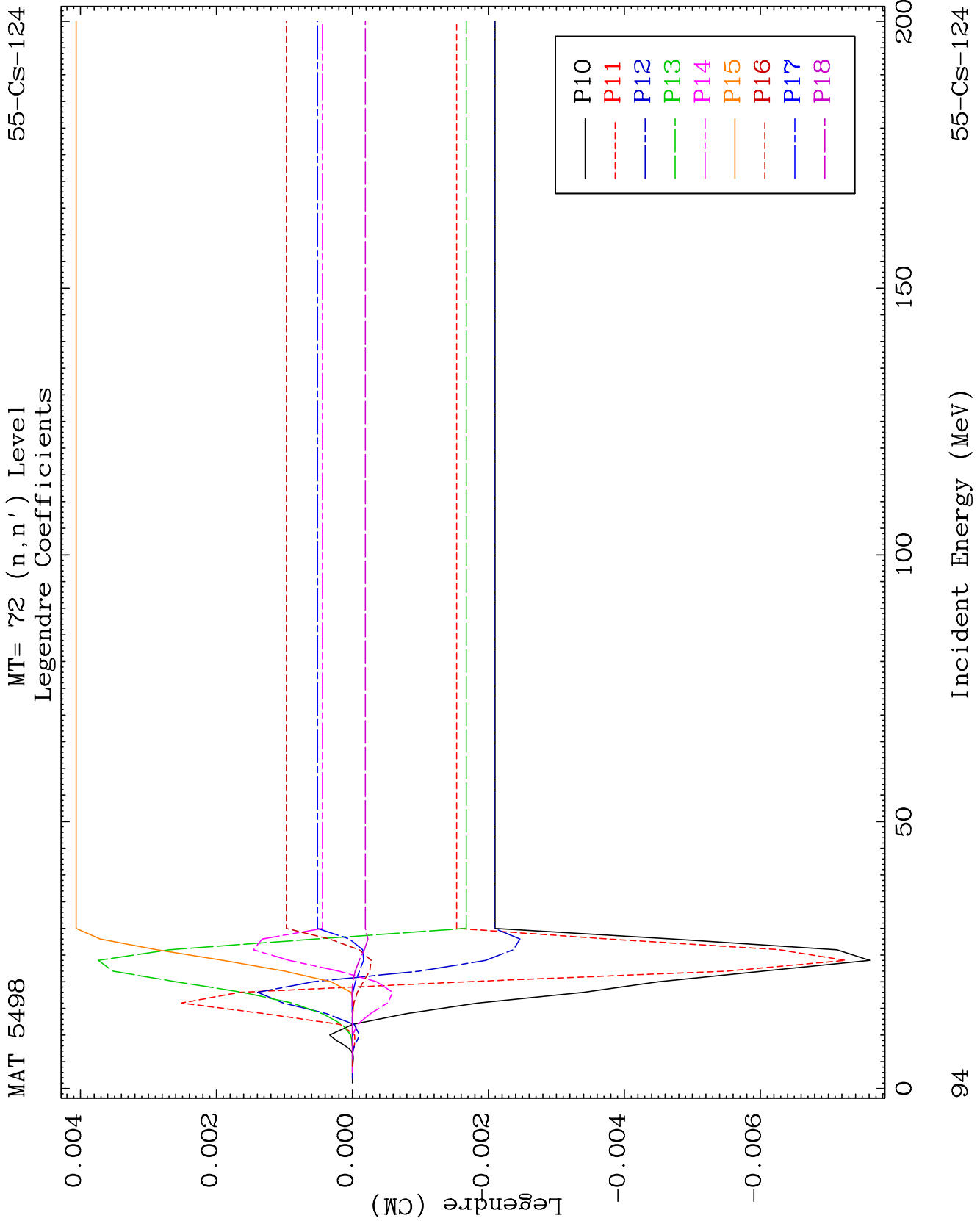


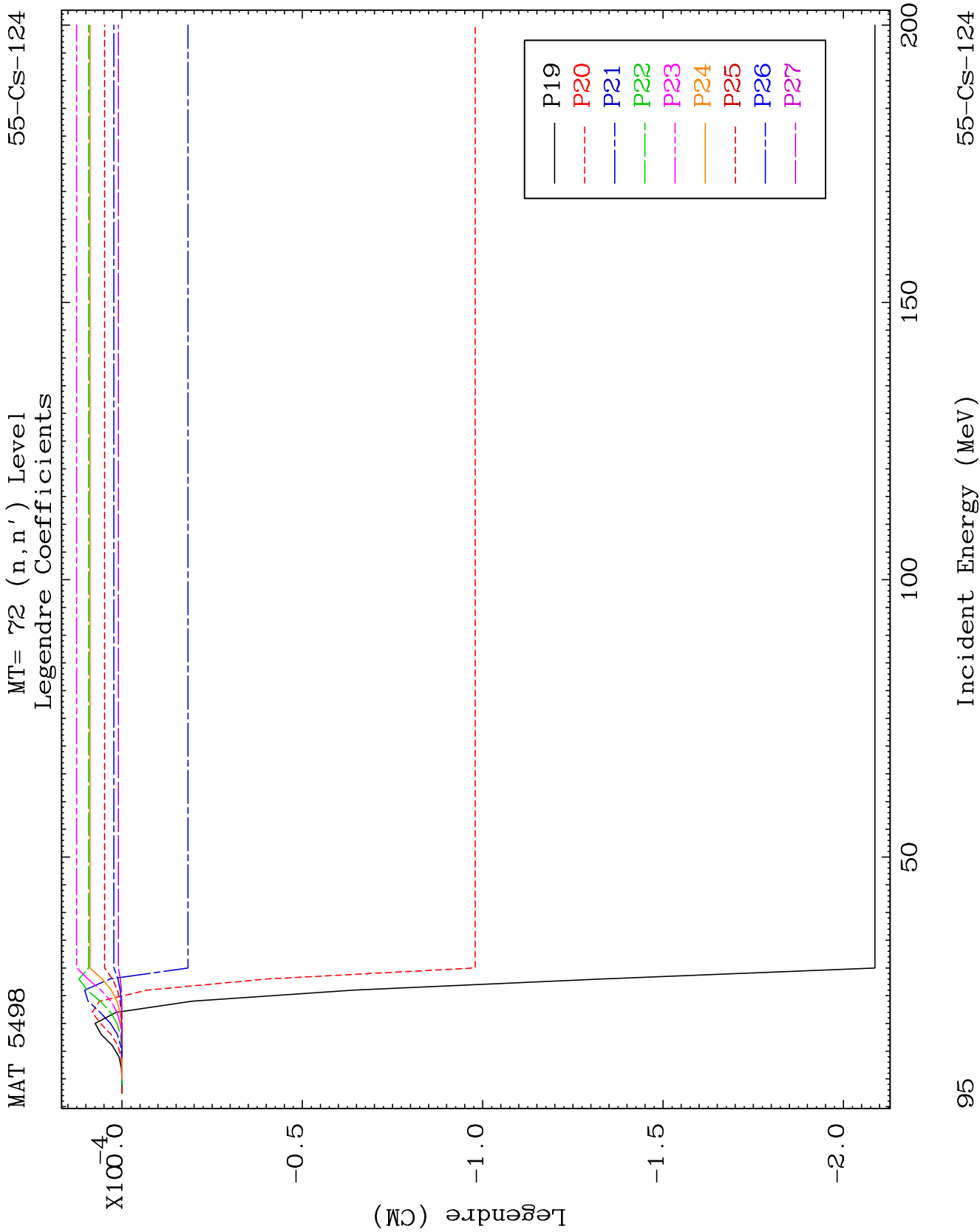
MAT 5498

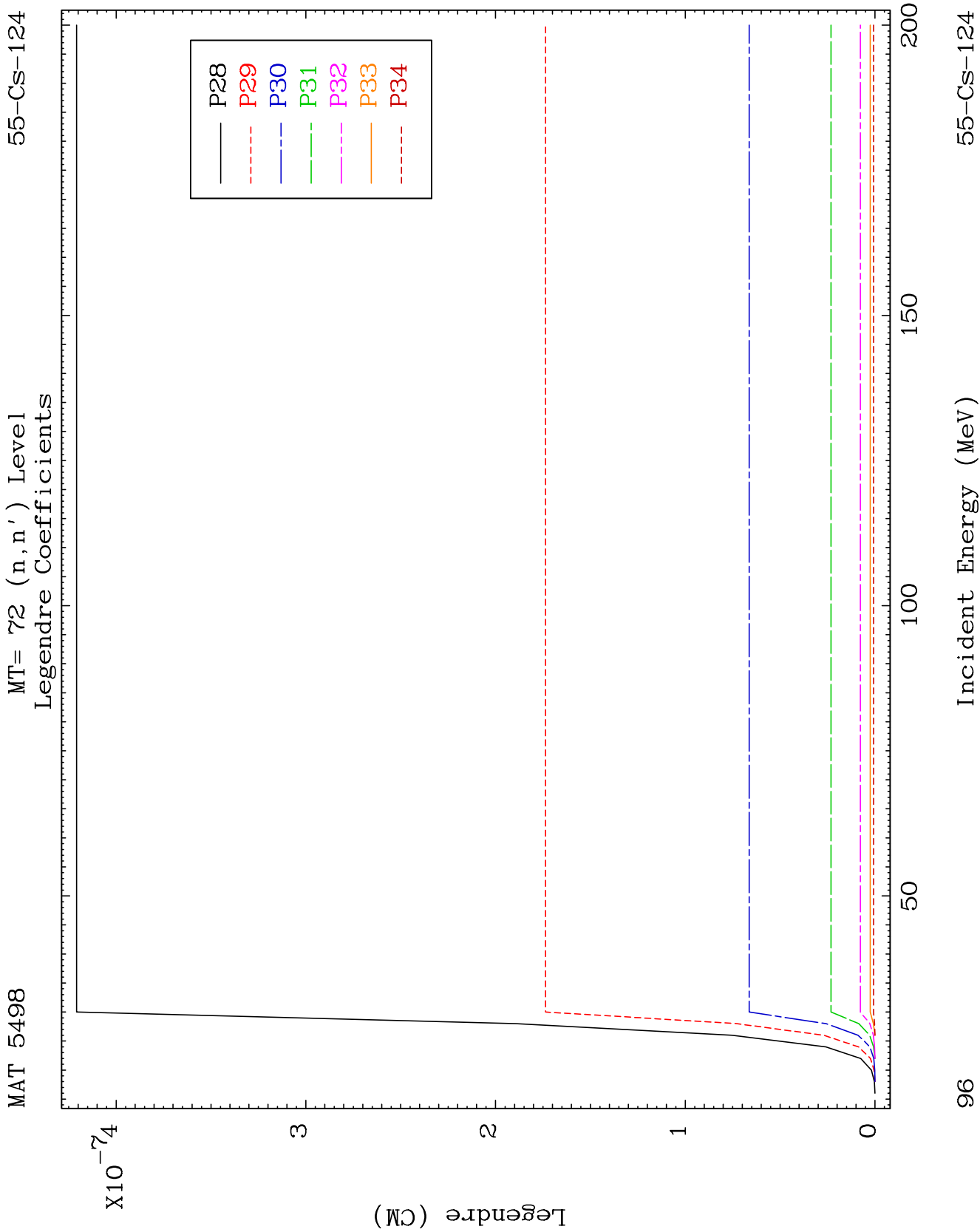
MT= 72 (n, n') Level
Legendre Coefficients

55-Cs-124





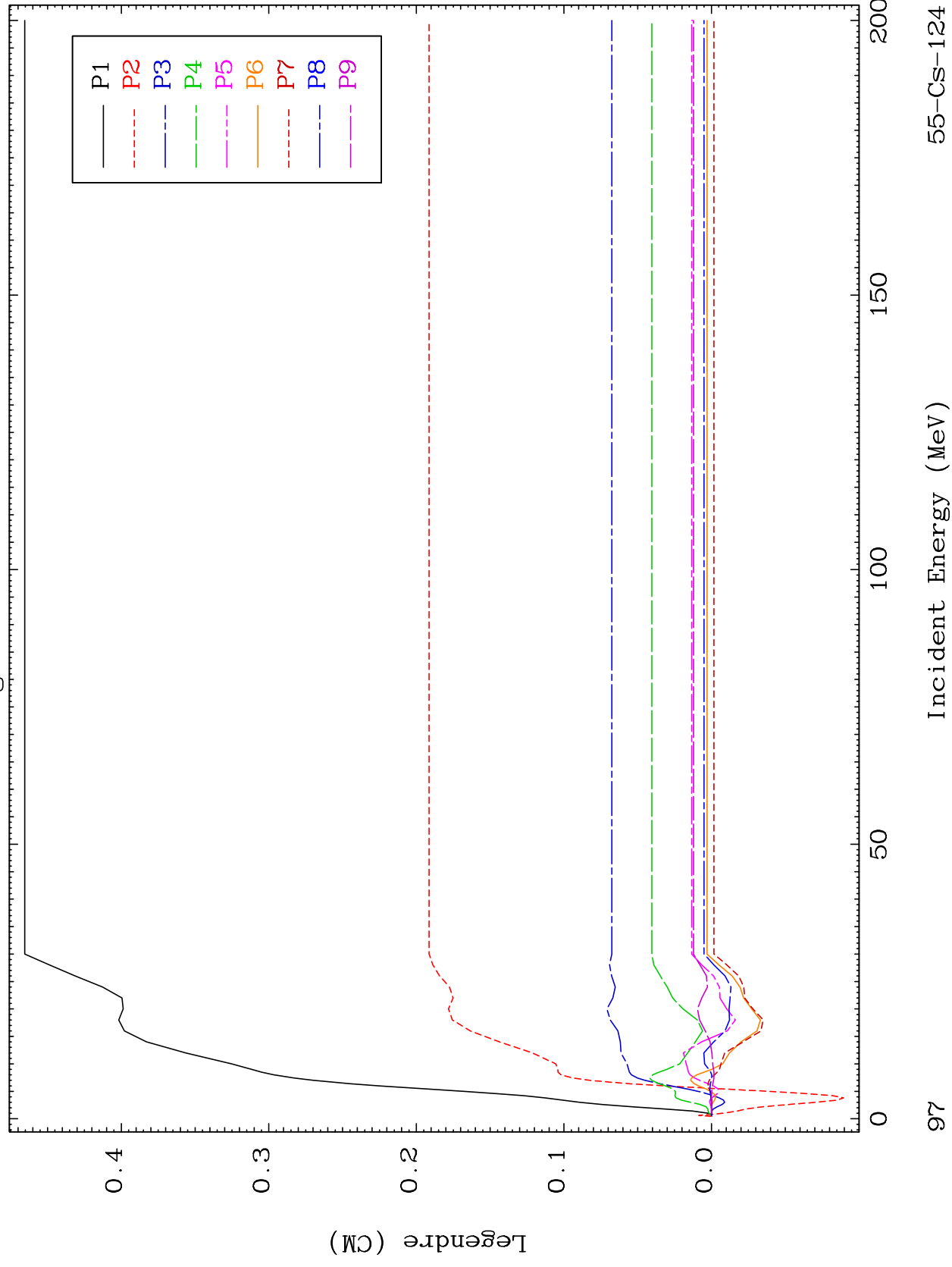


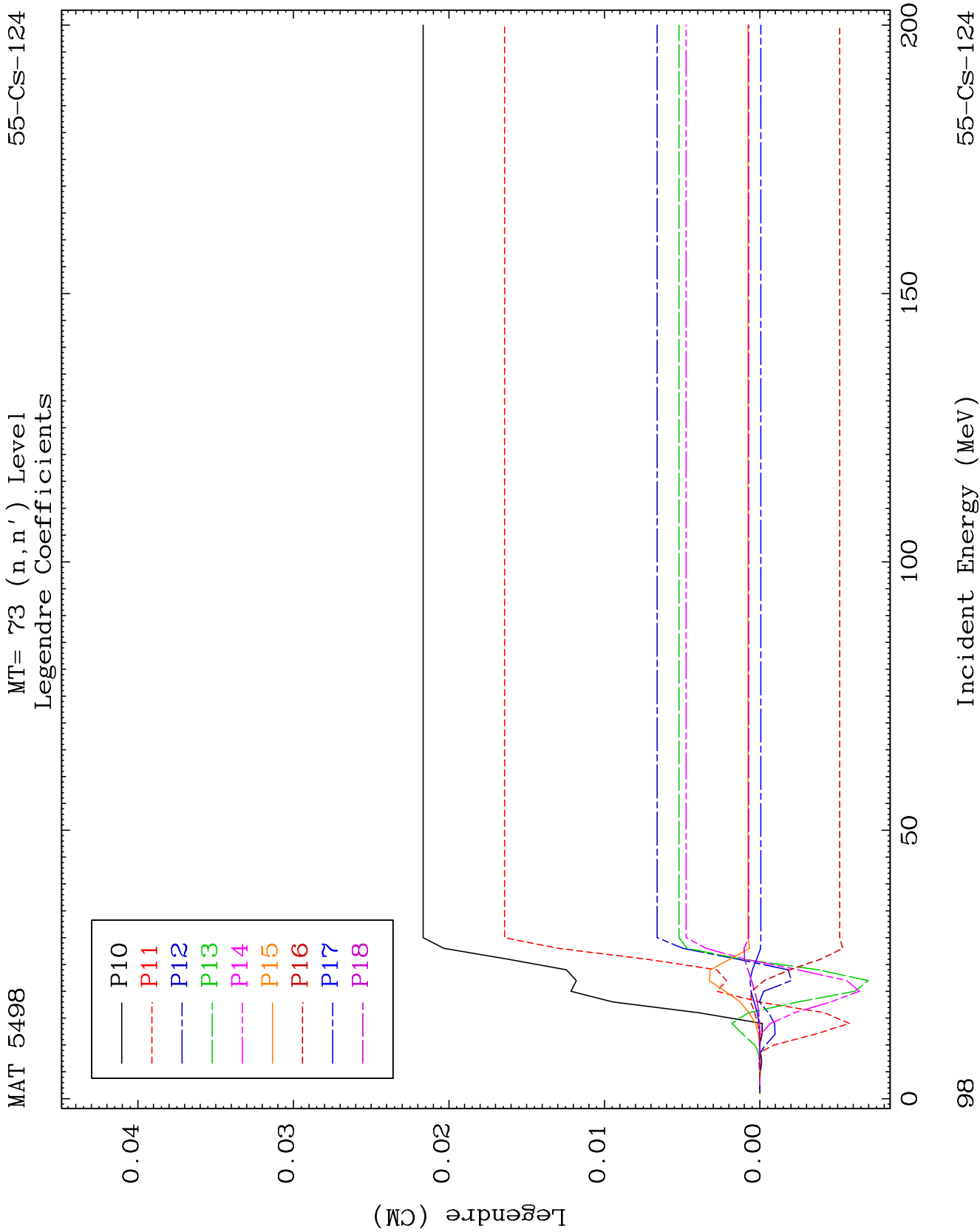


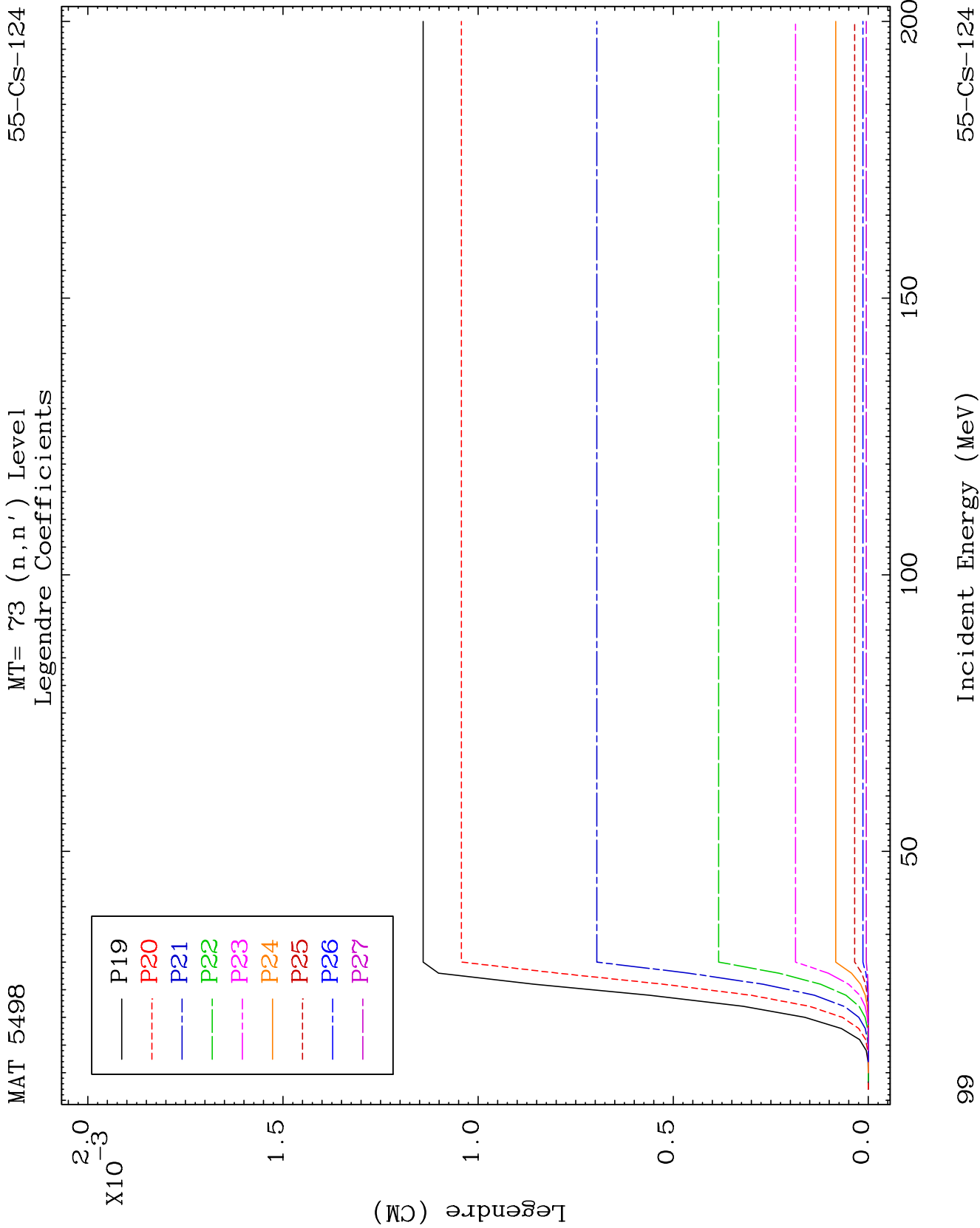
MAT 5498

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

55-CS-124



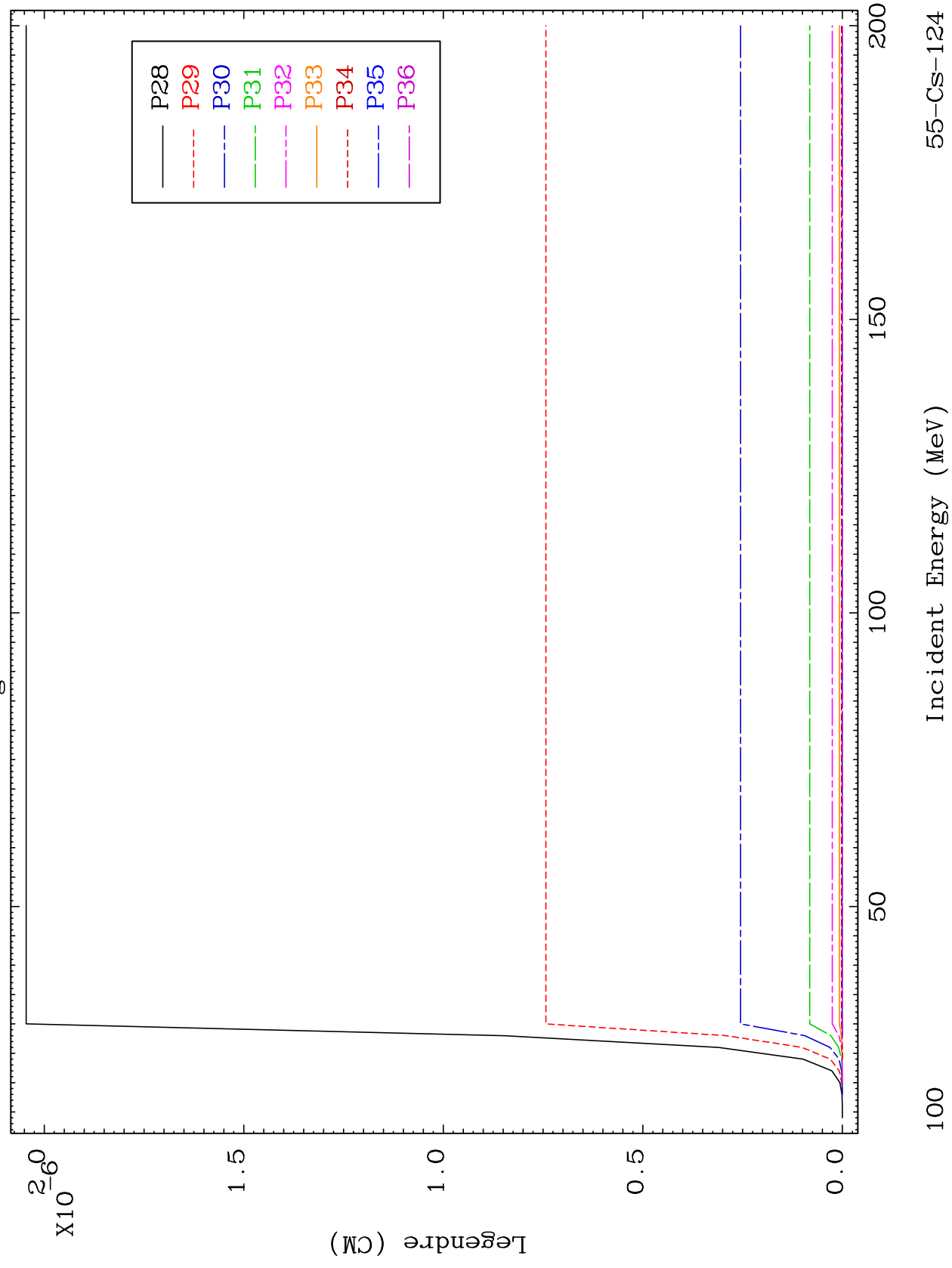




MAT 5498

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

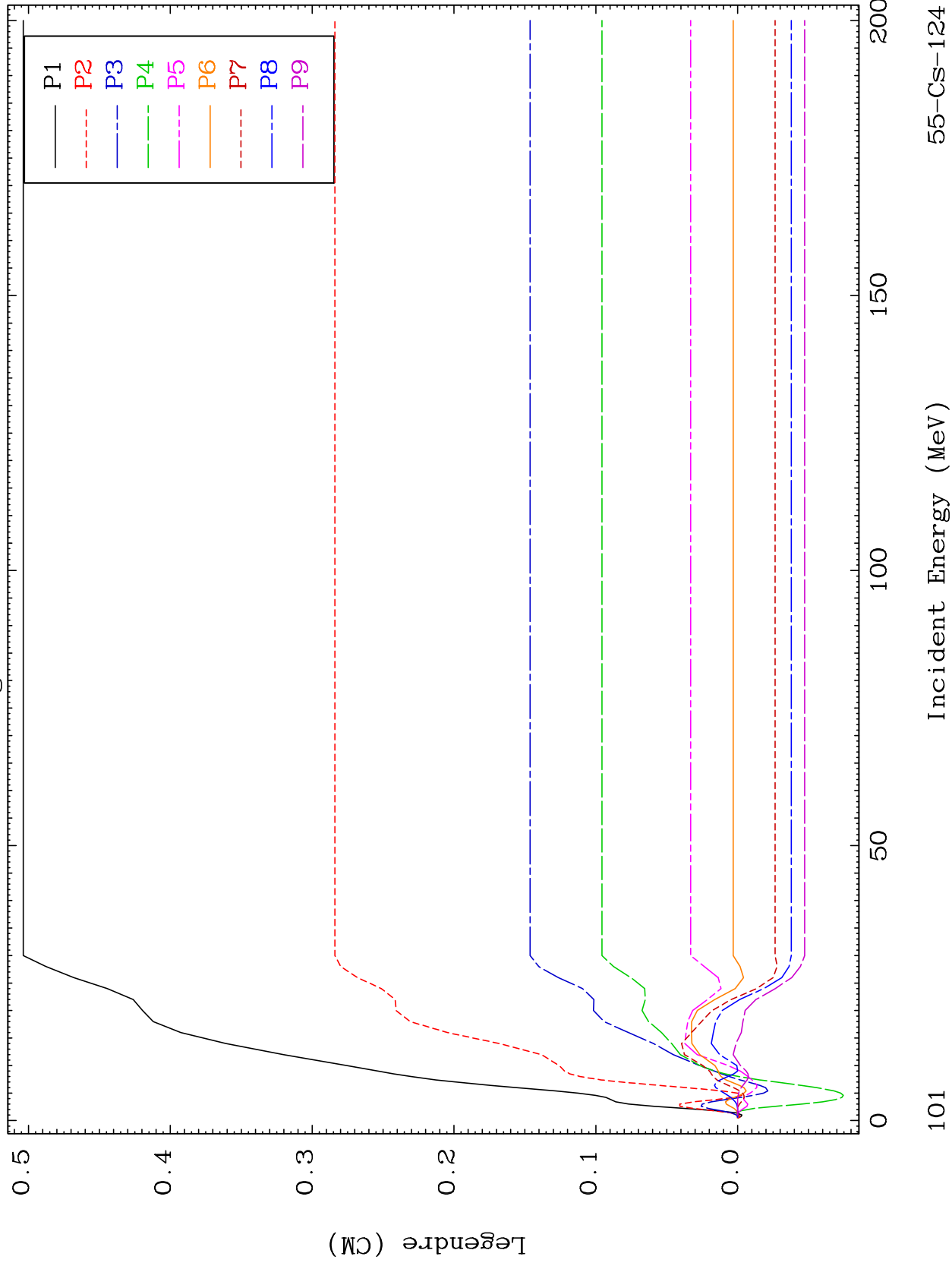
55-CS-124



MAT 5498

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

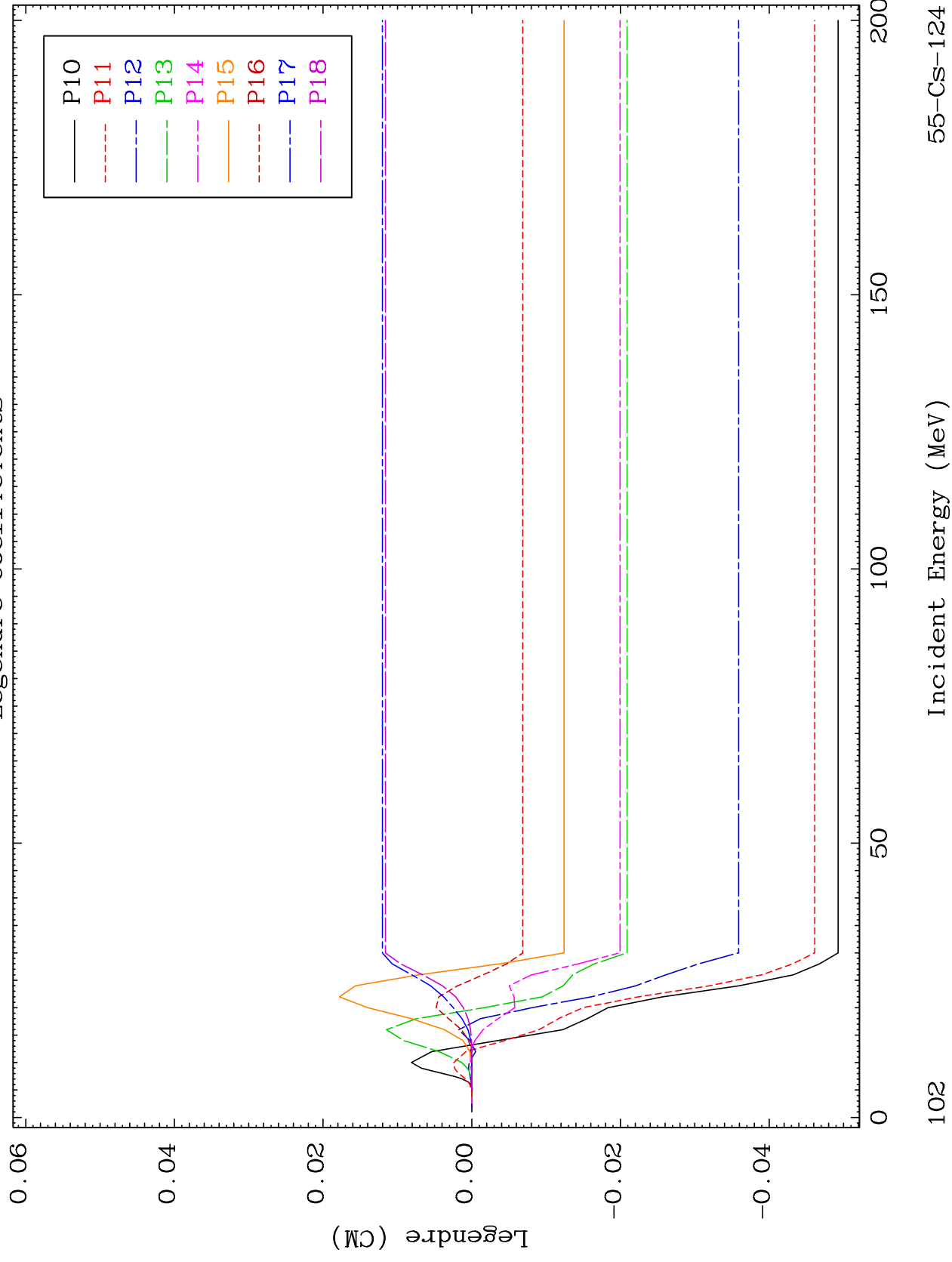
55-CS-124



MAT 5498

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

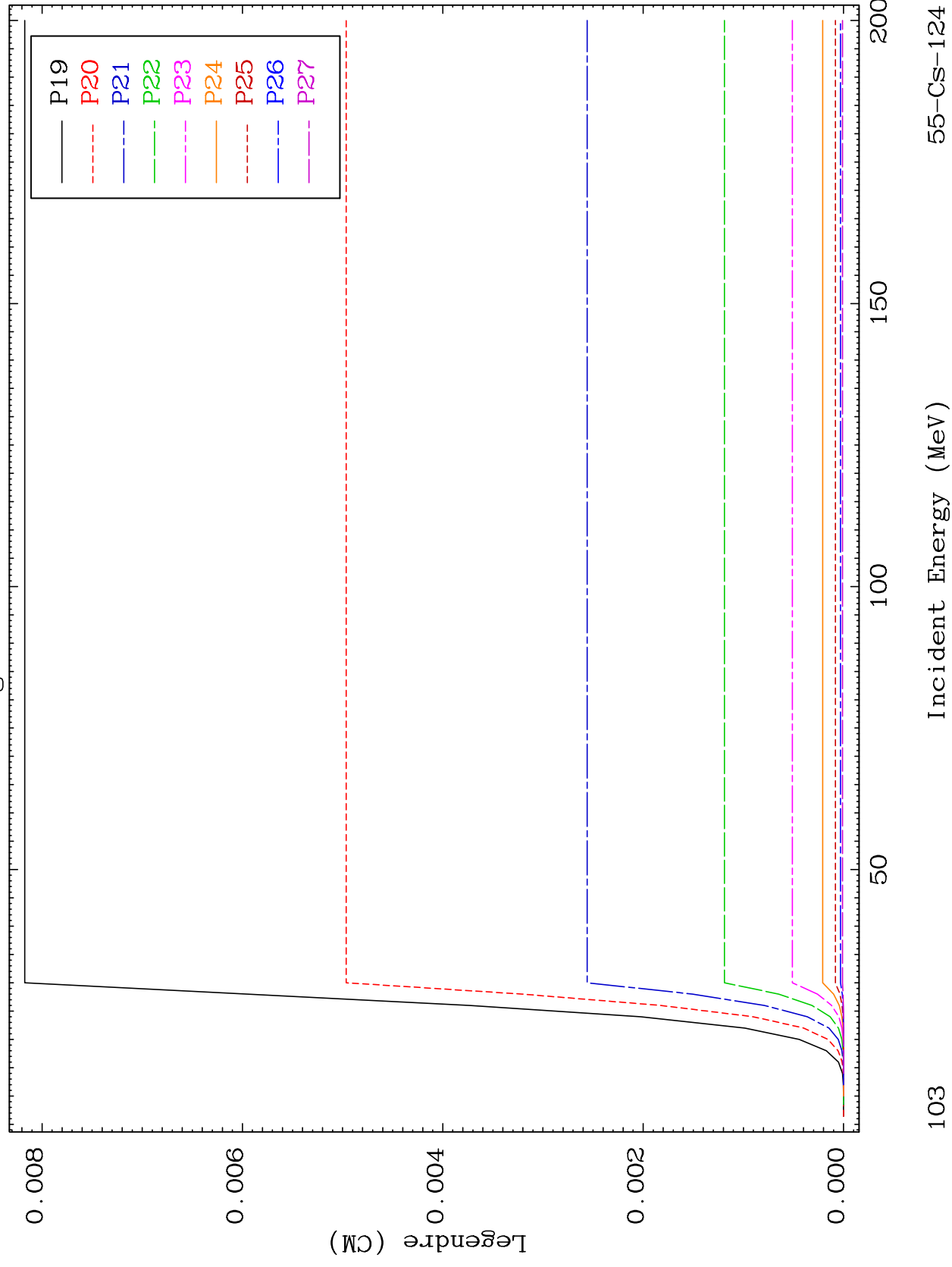
55-Cs-124

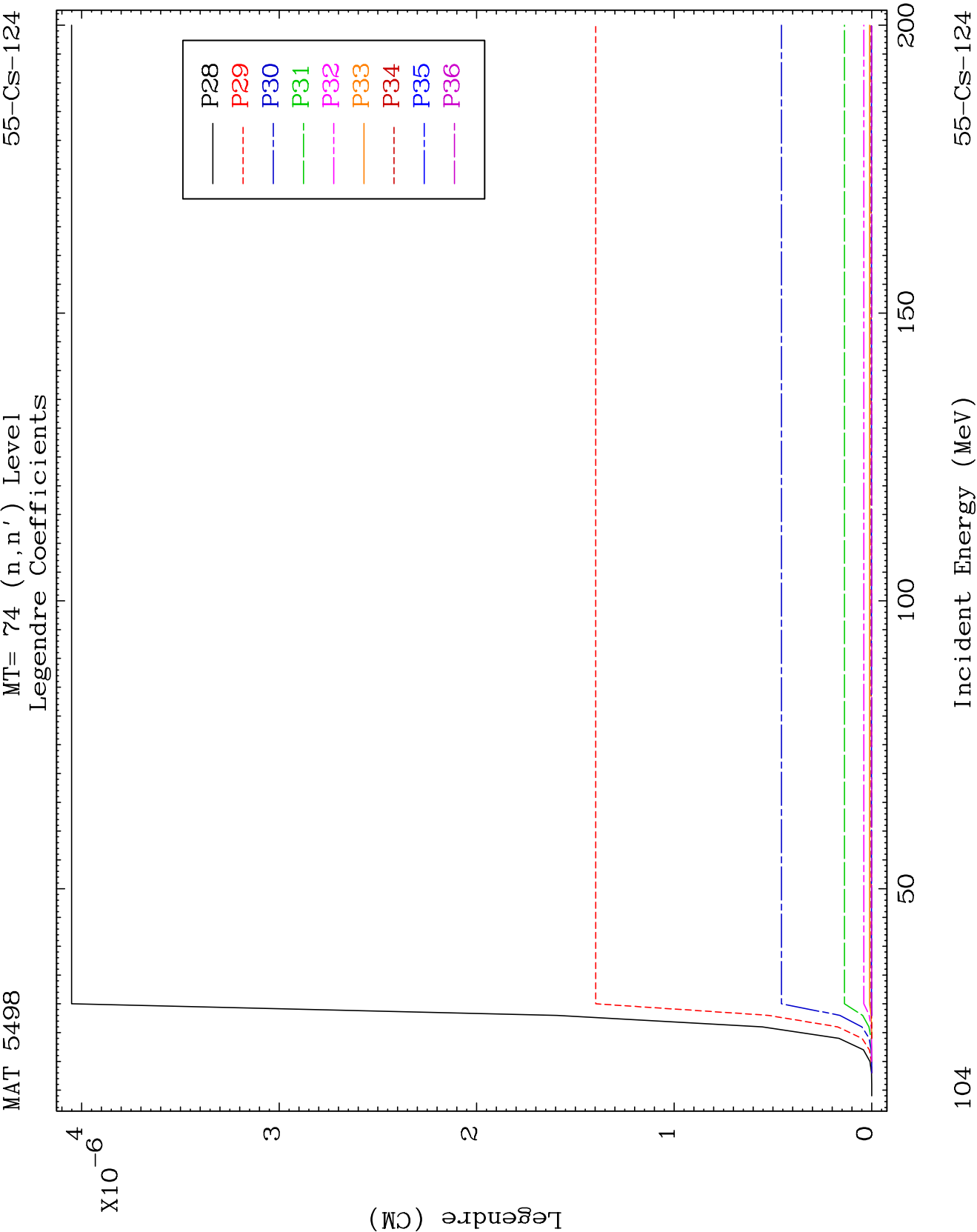


MAT 5498

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

55-CS-124

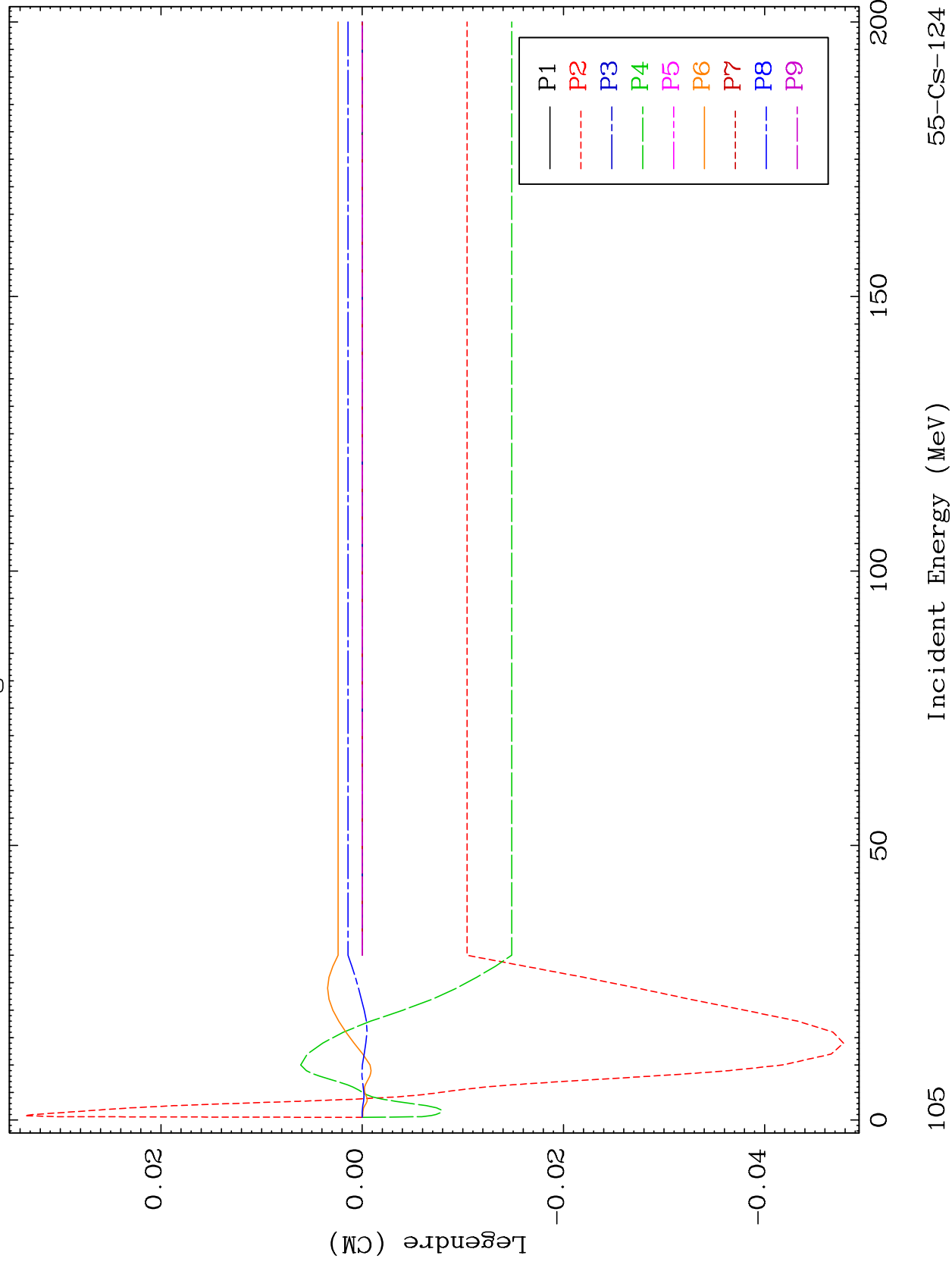


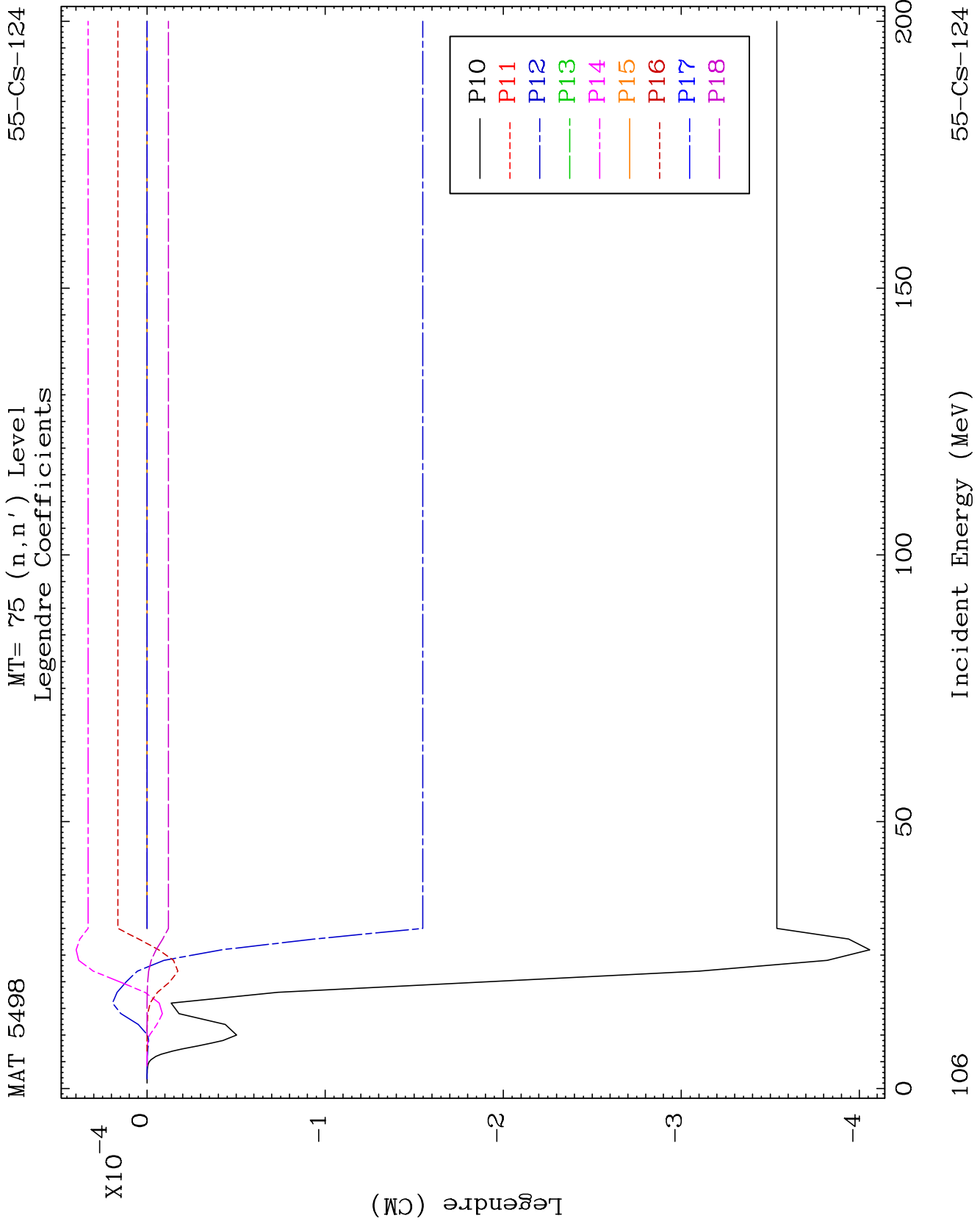


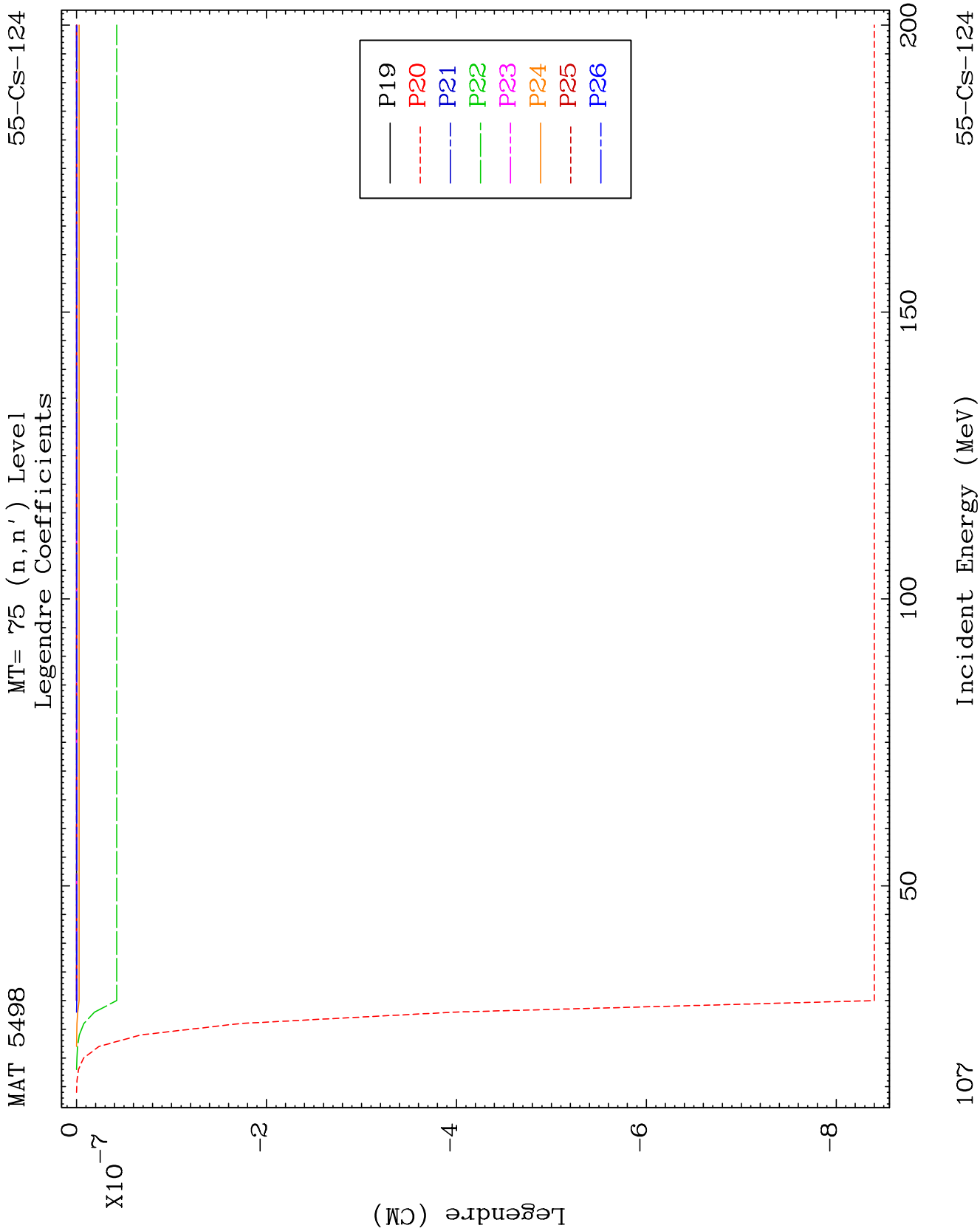
MAT 5498

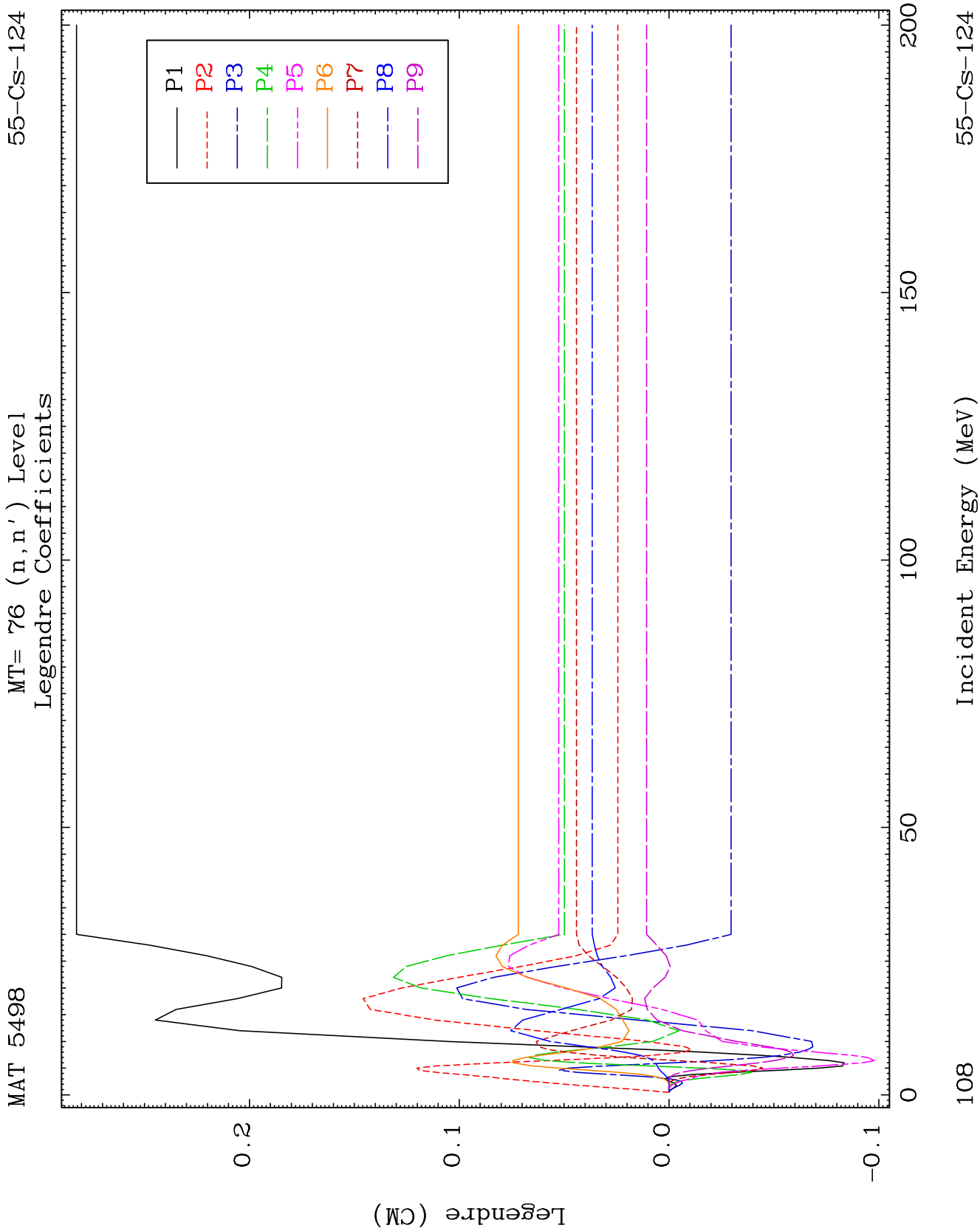
MT= 75 (n, n') Level
Legendre Coefficients

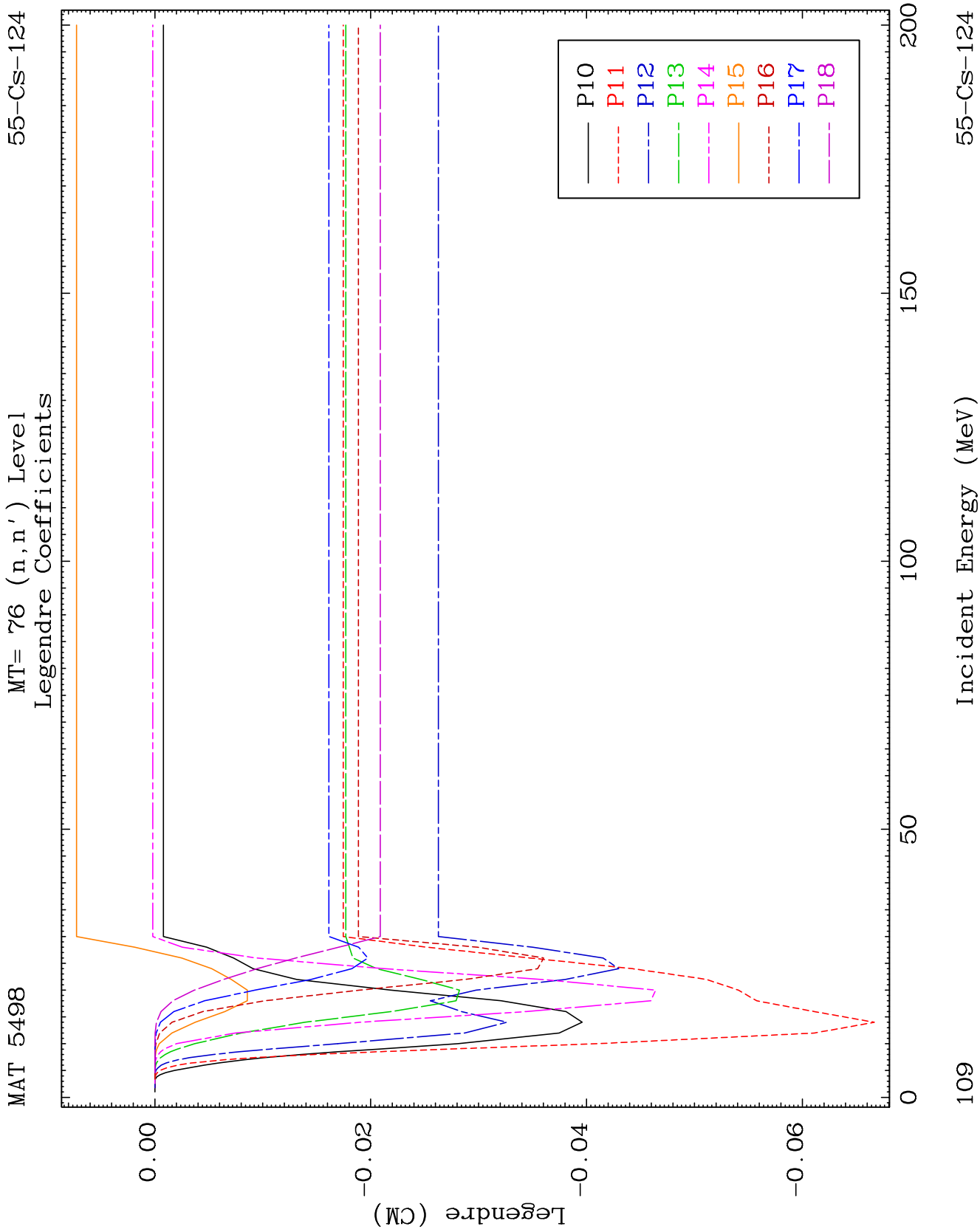
55-CS-124

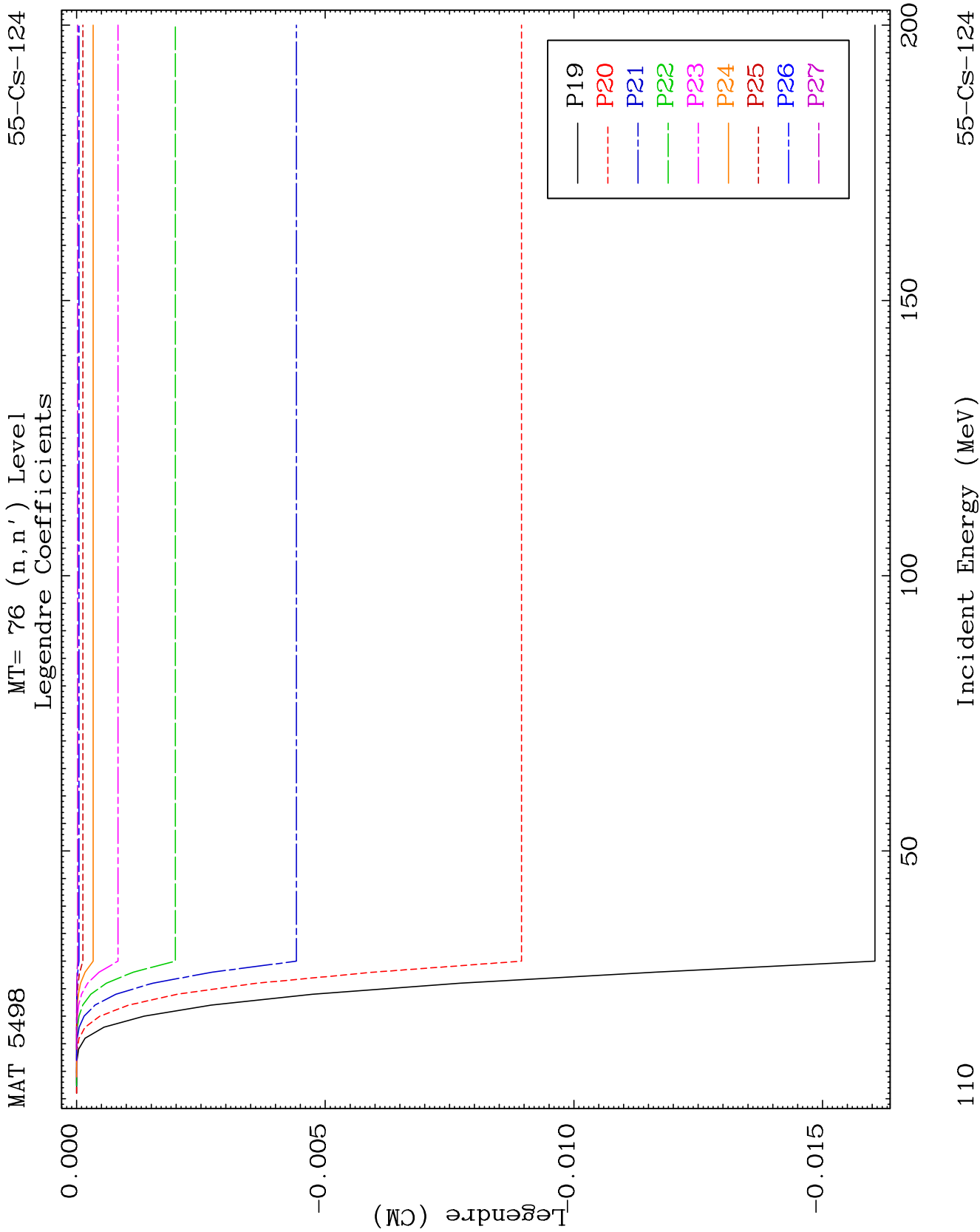


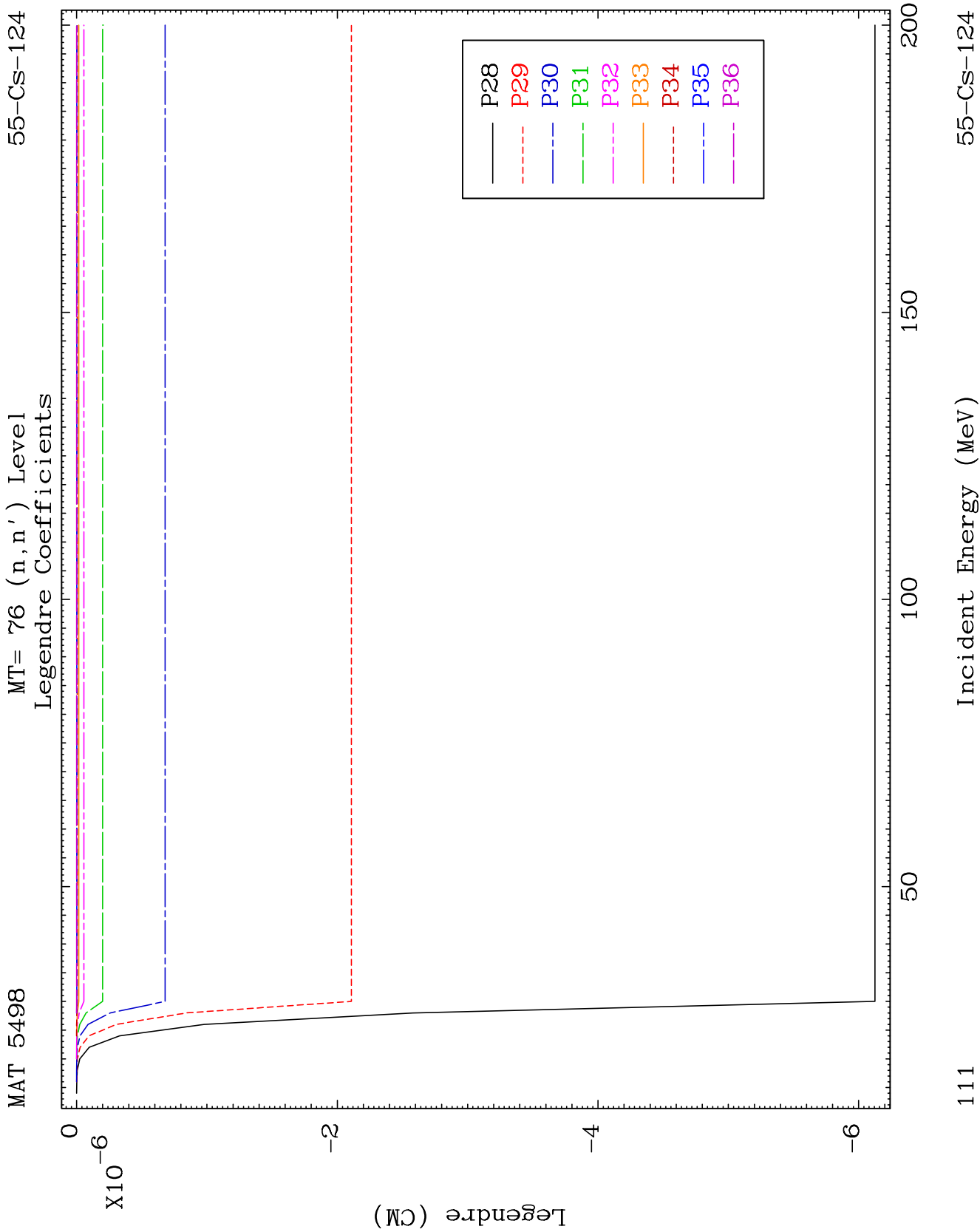








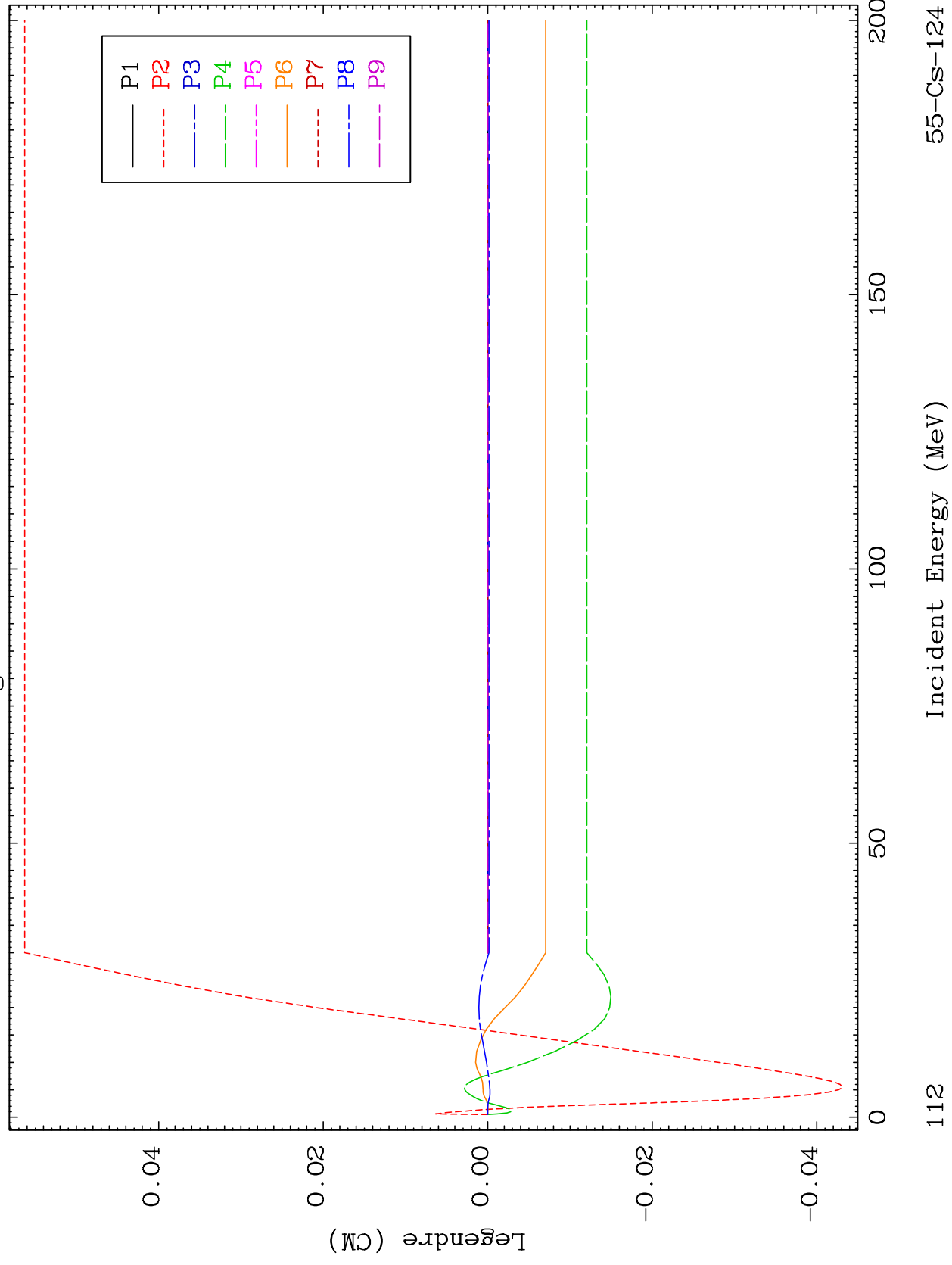


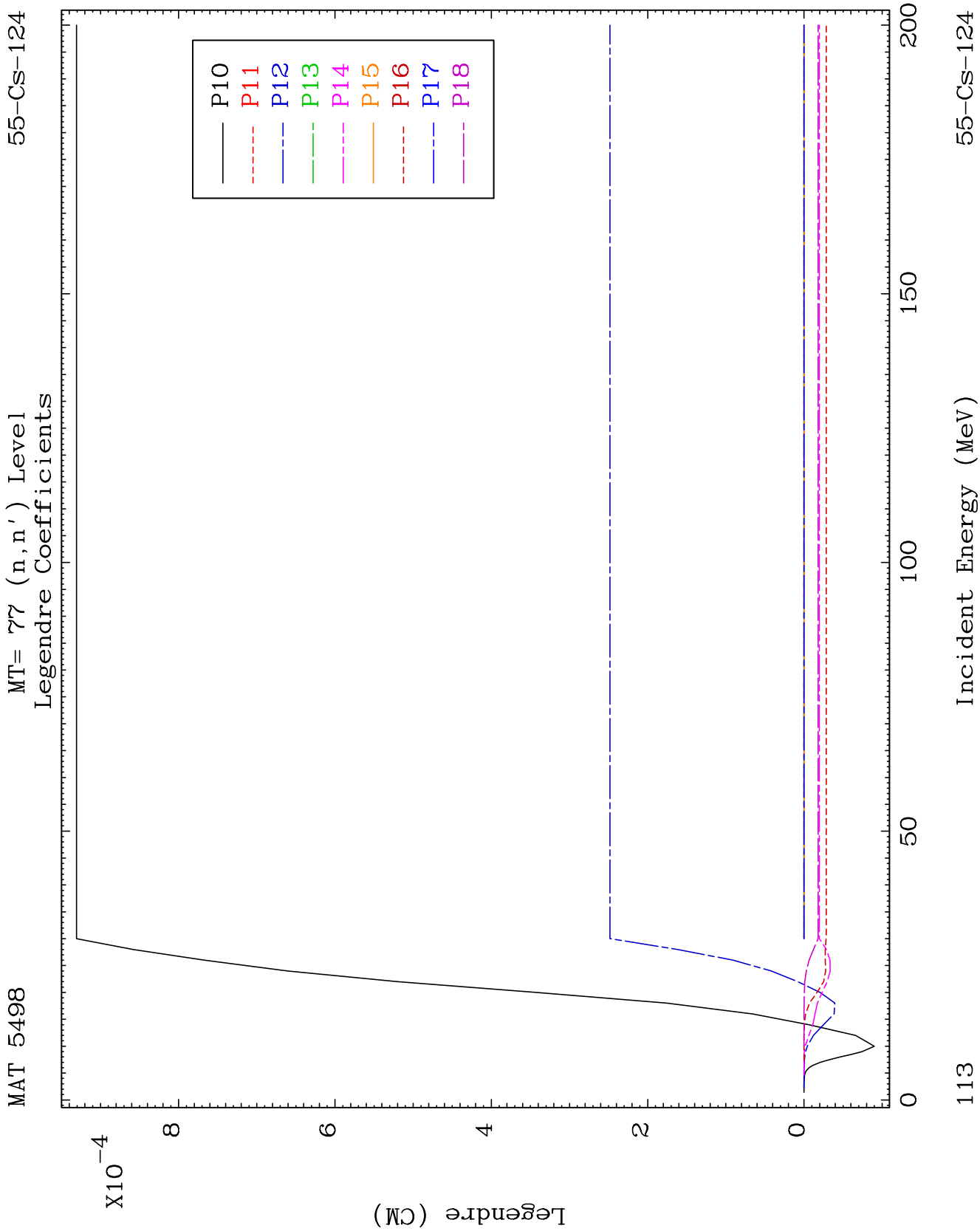


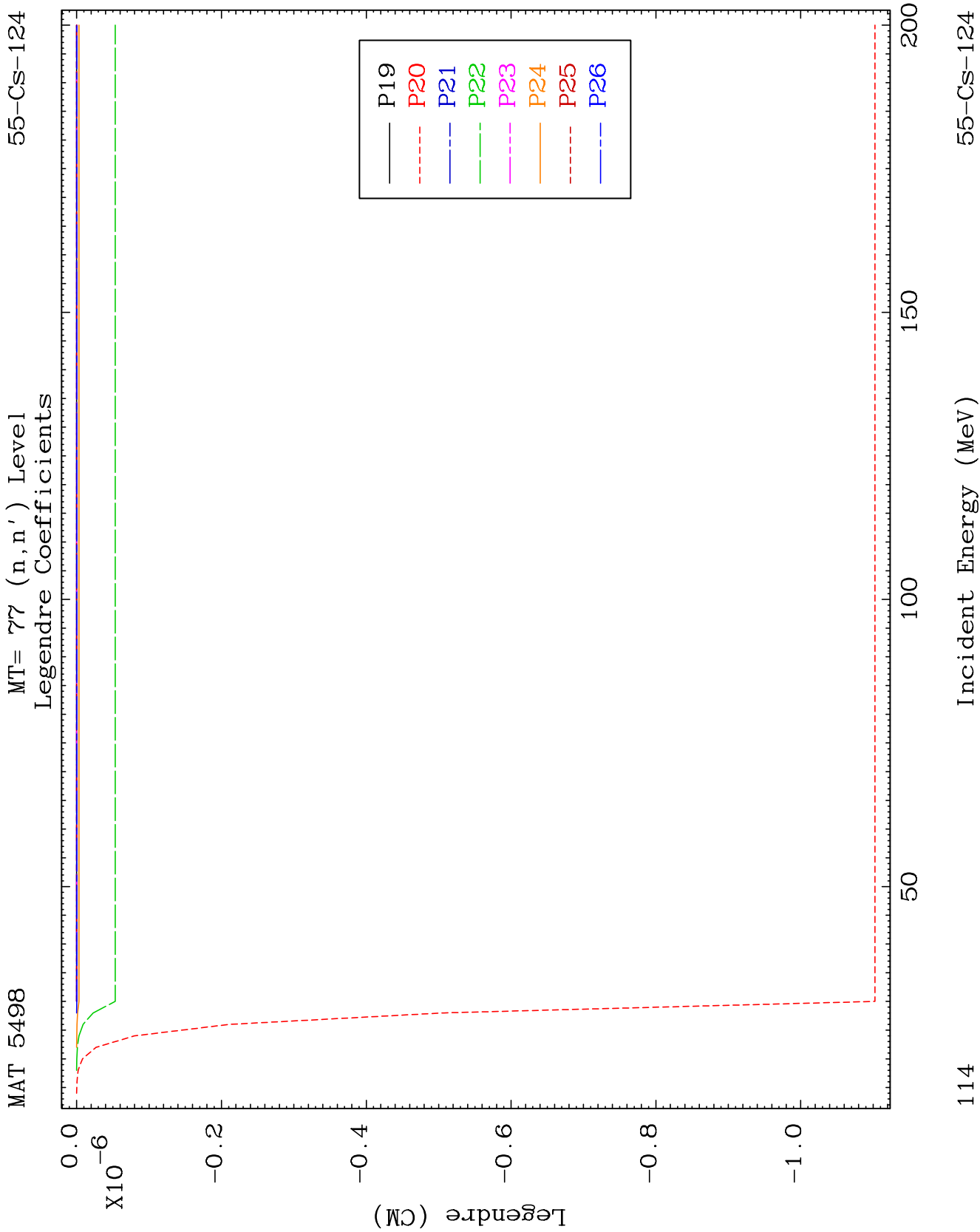
MAT 5498

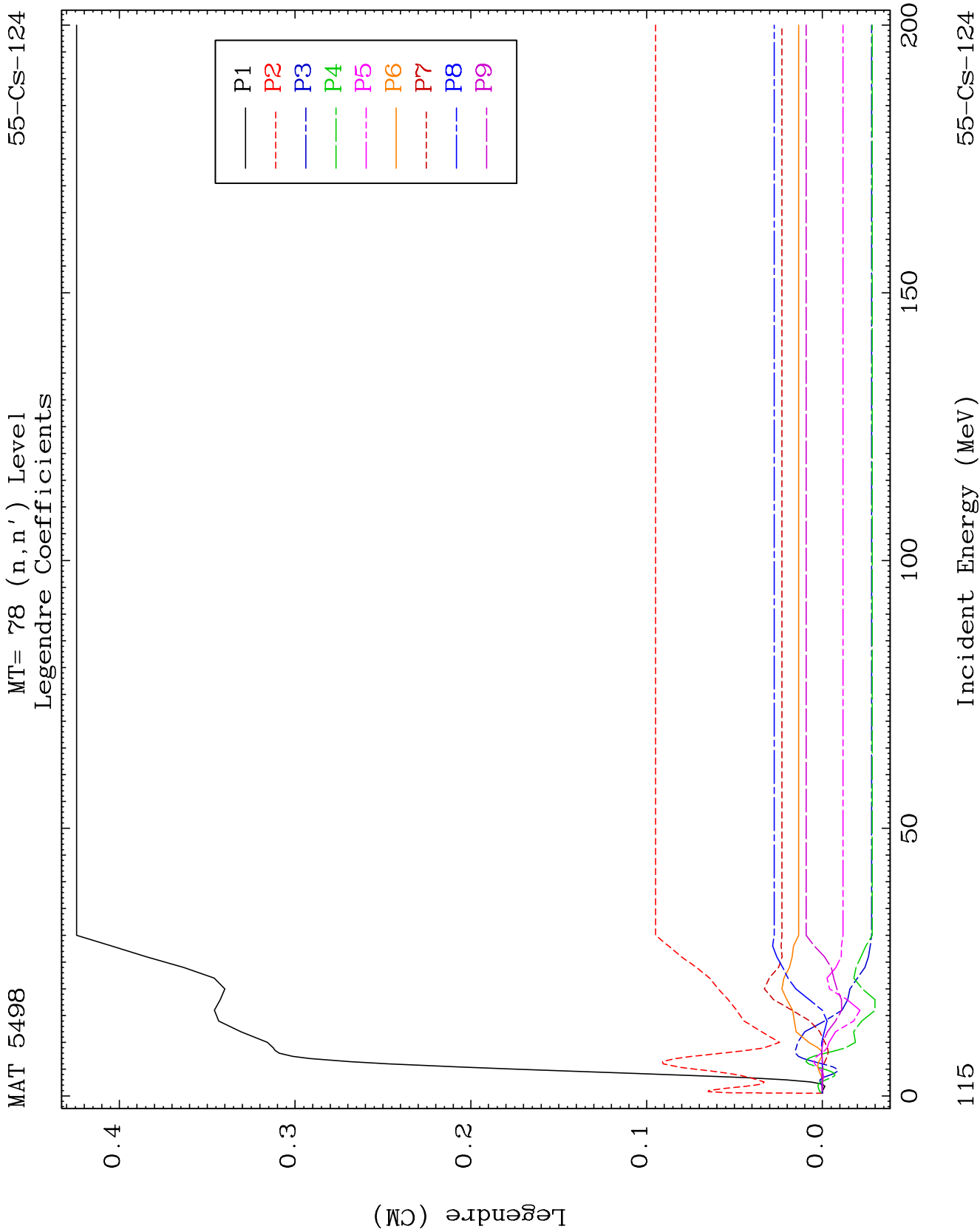
MT= 77 (n, n') Level
Legendre Coefficients

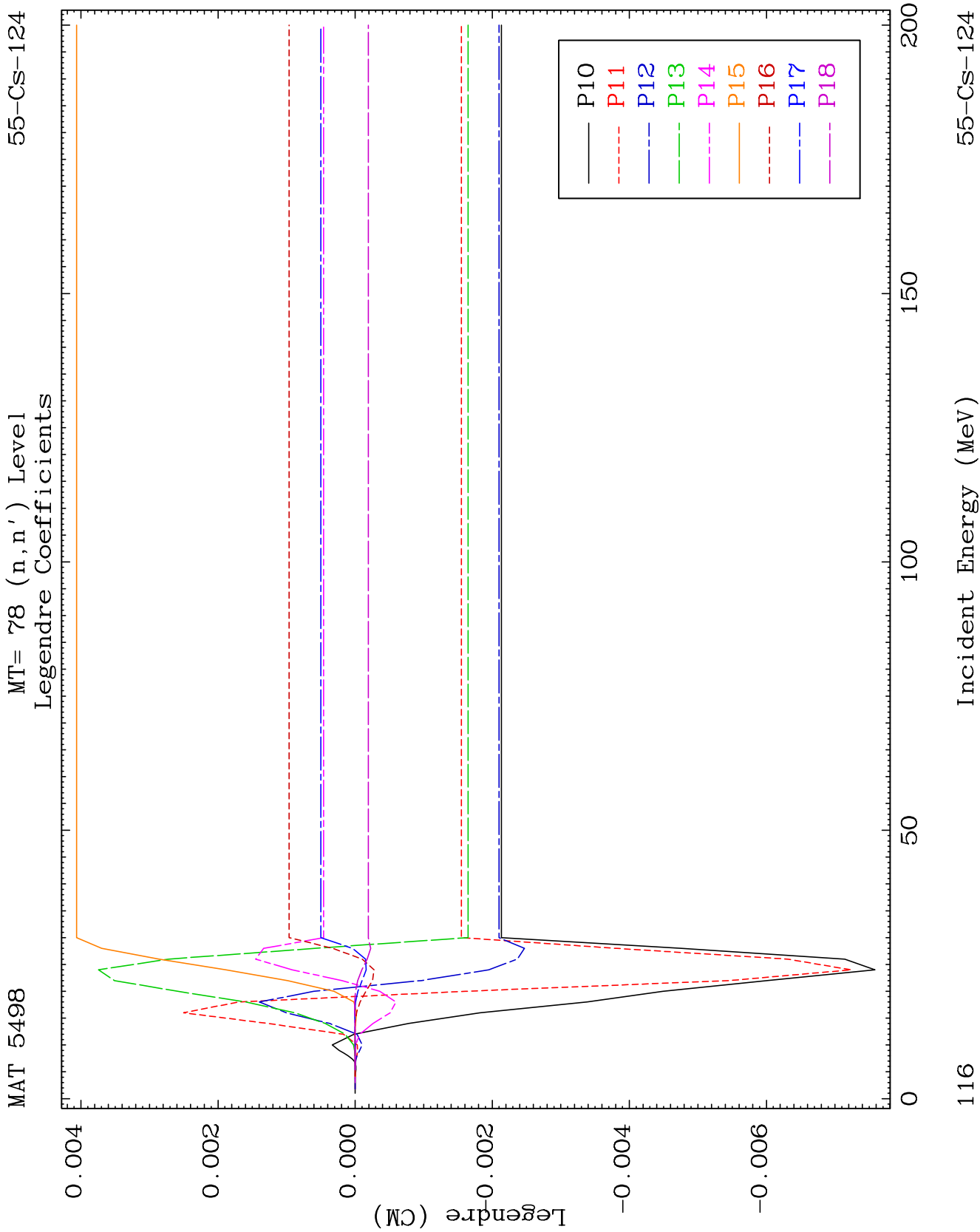
55-CS-124

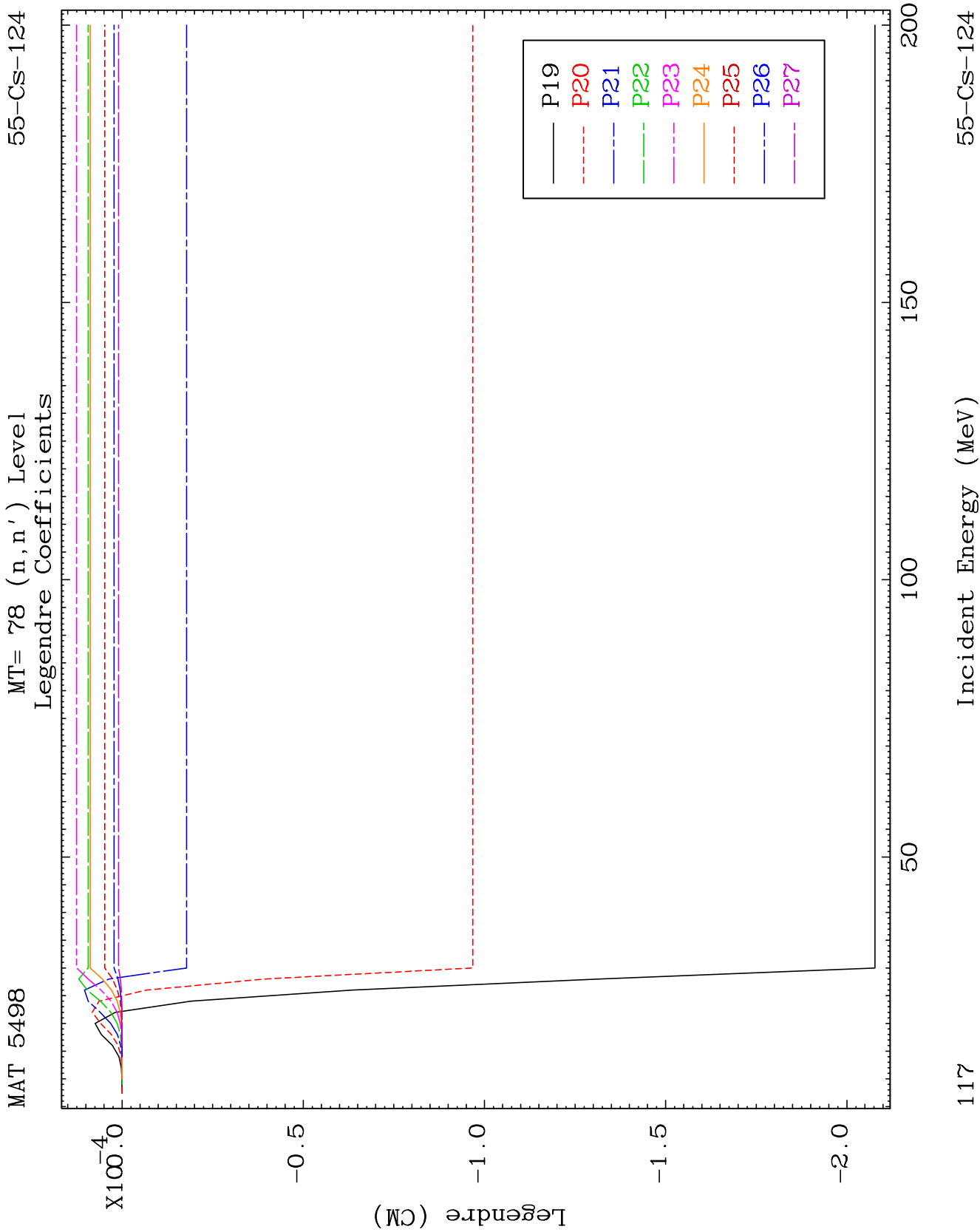


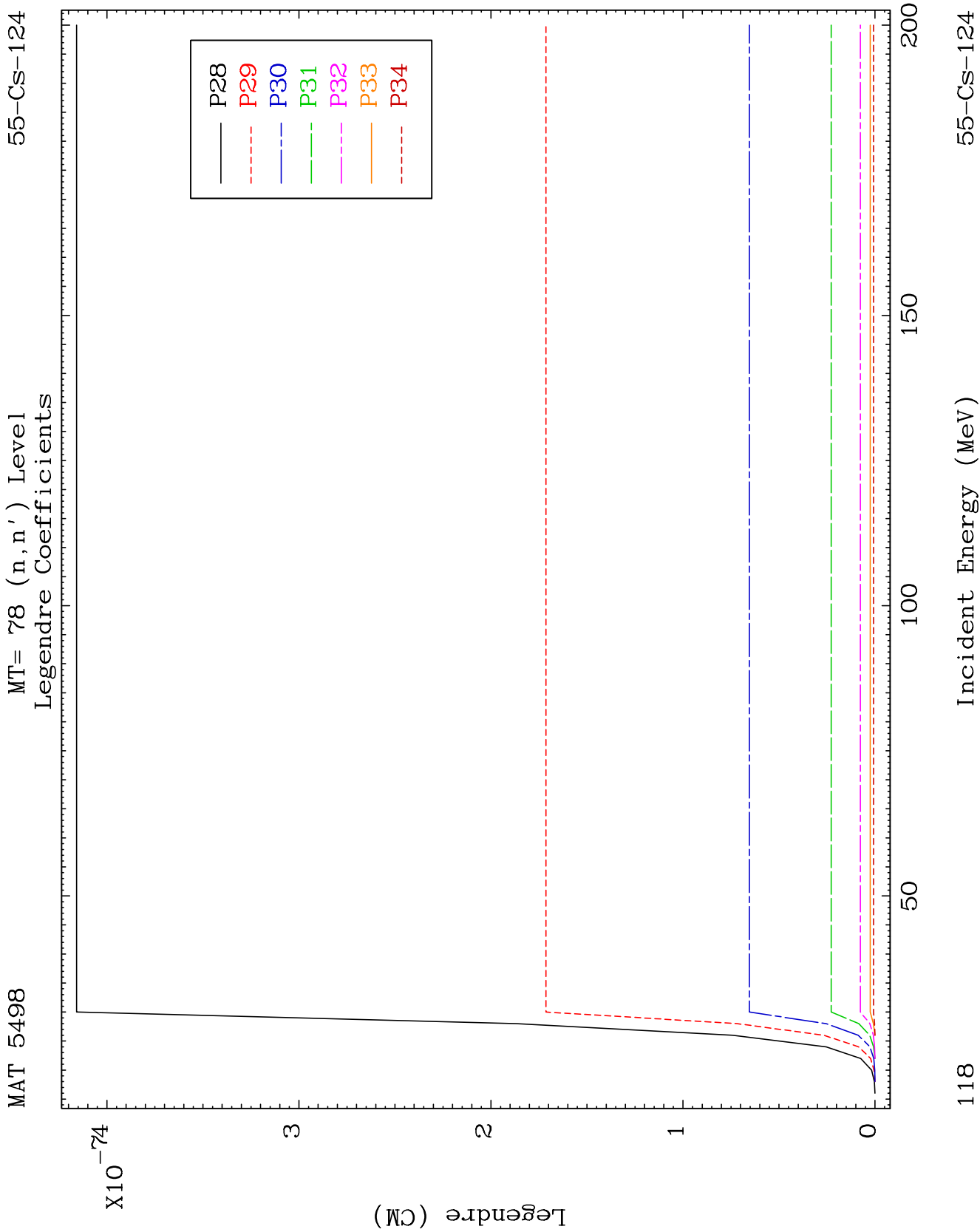








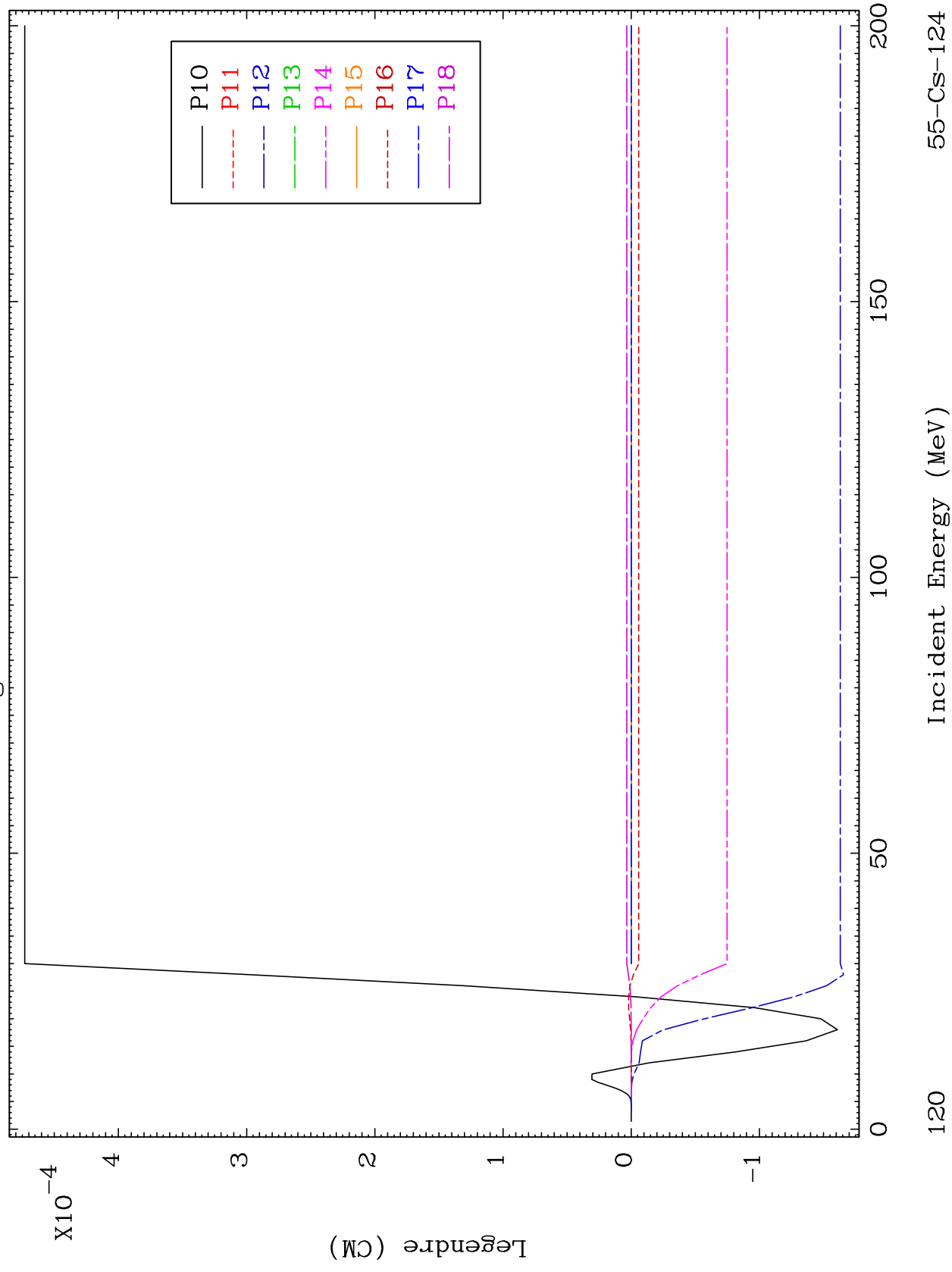


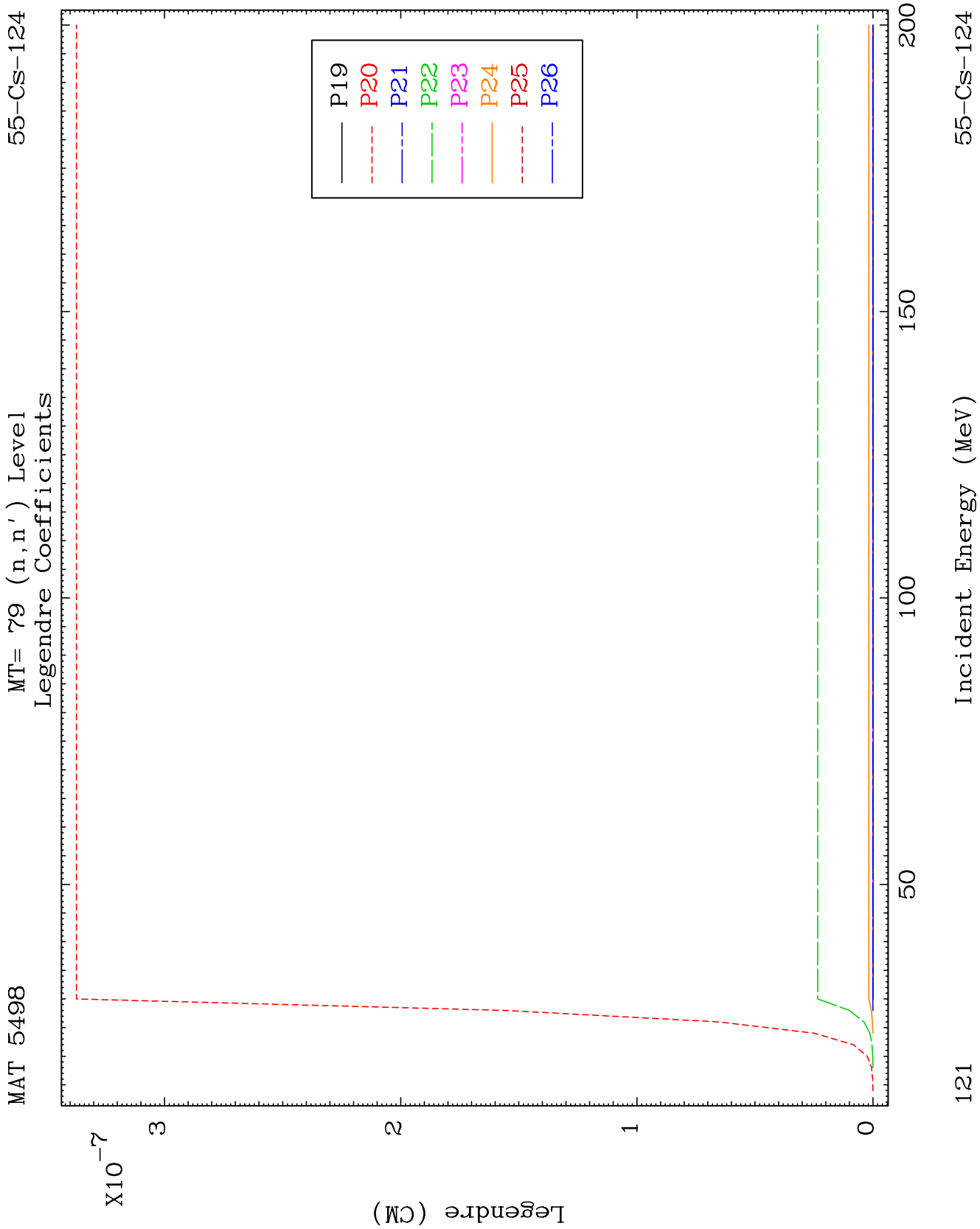


MAT 5498

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

55-CS-124

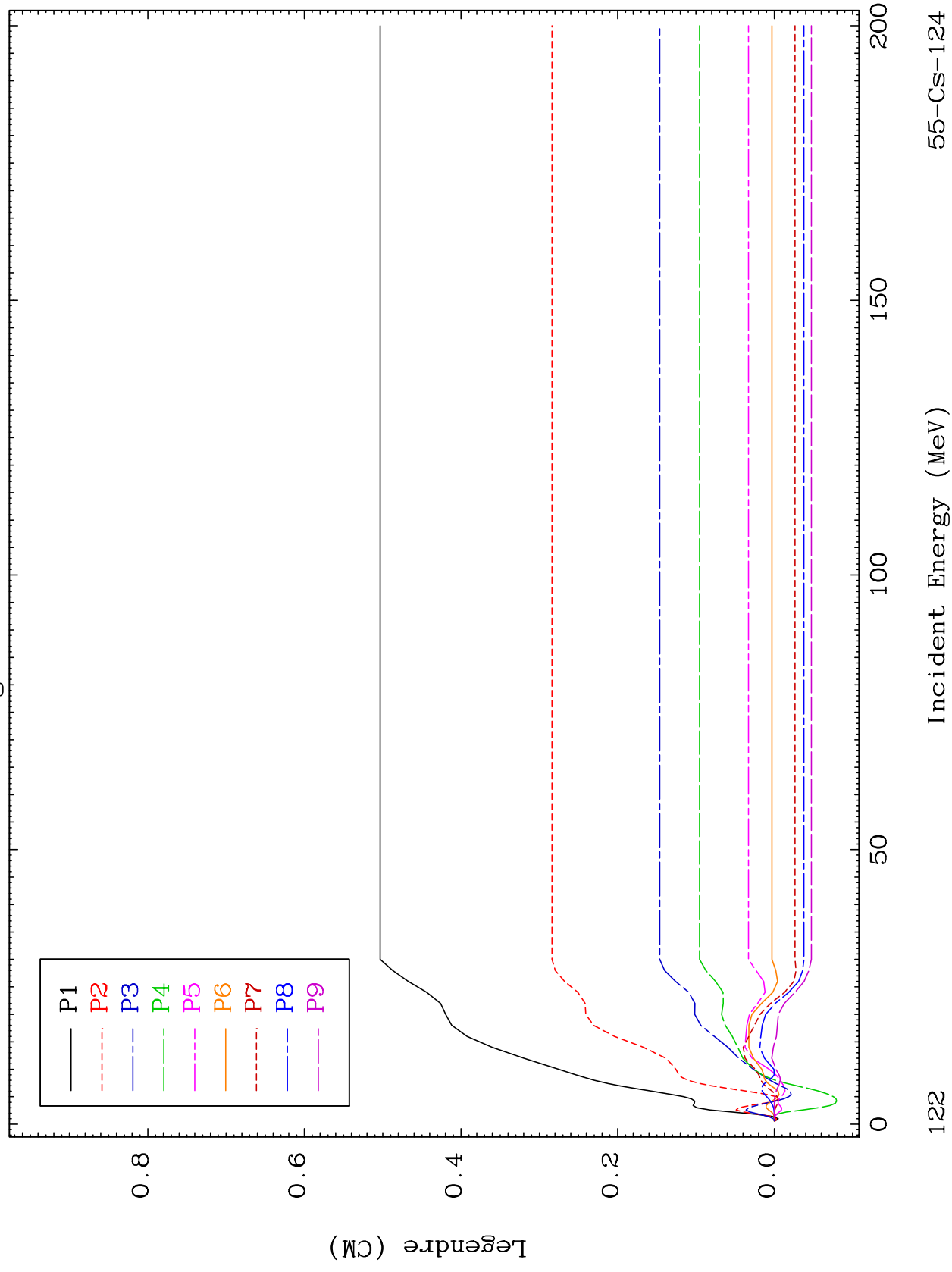




MAT 5498

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

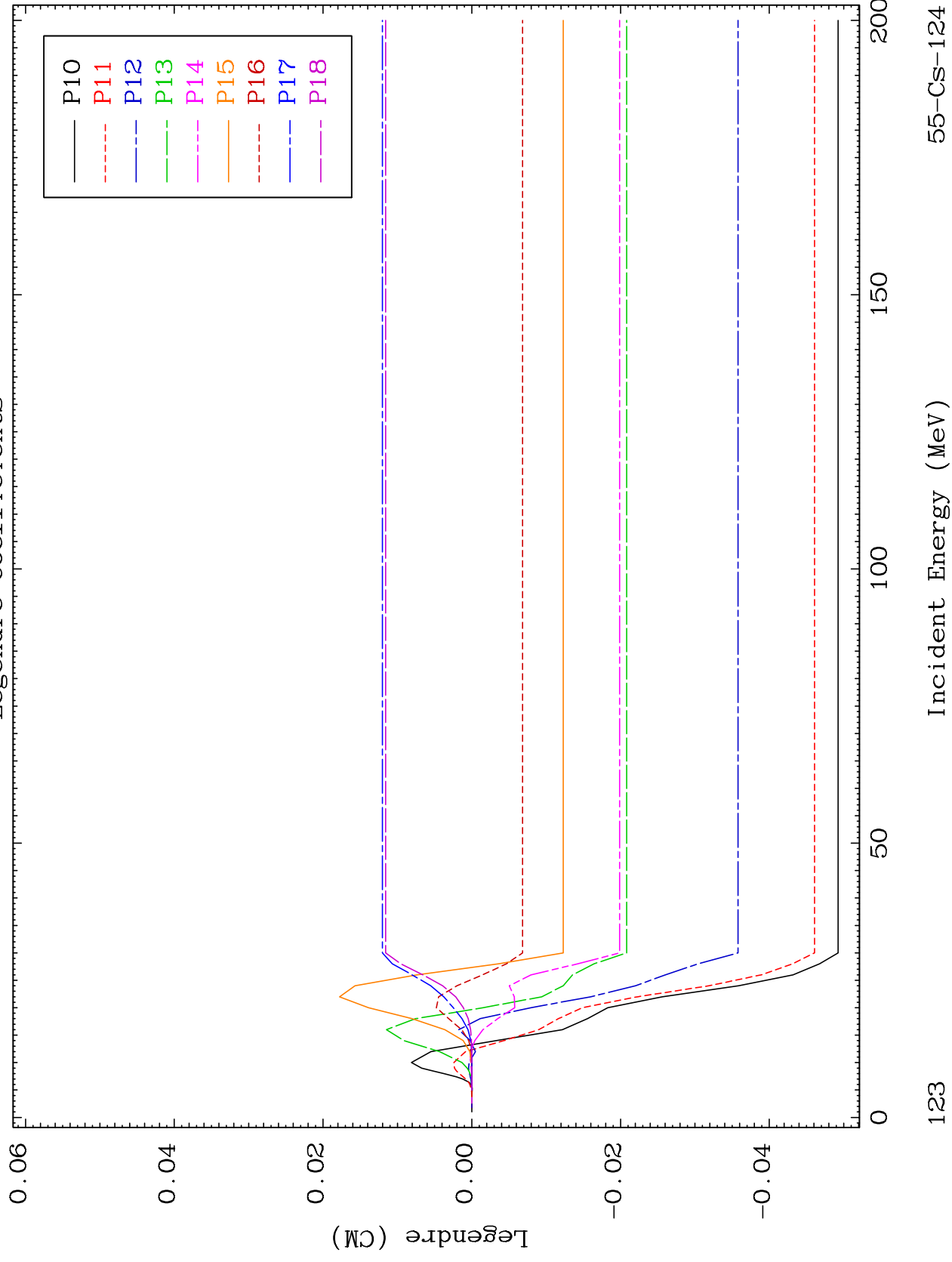
55-CS-124



MAT 5498

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

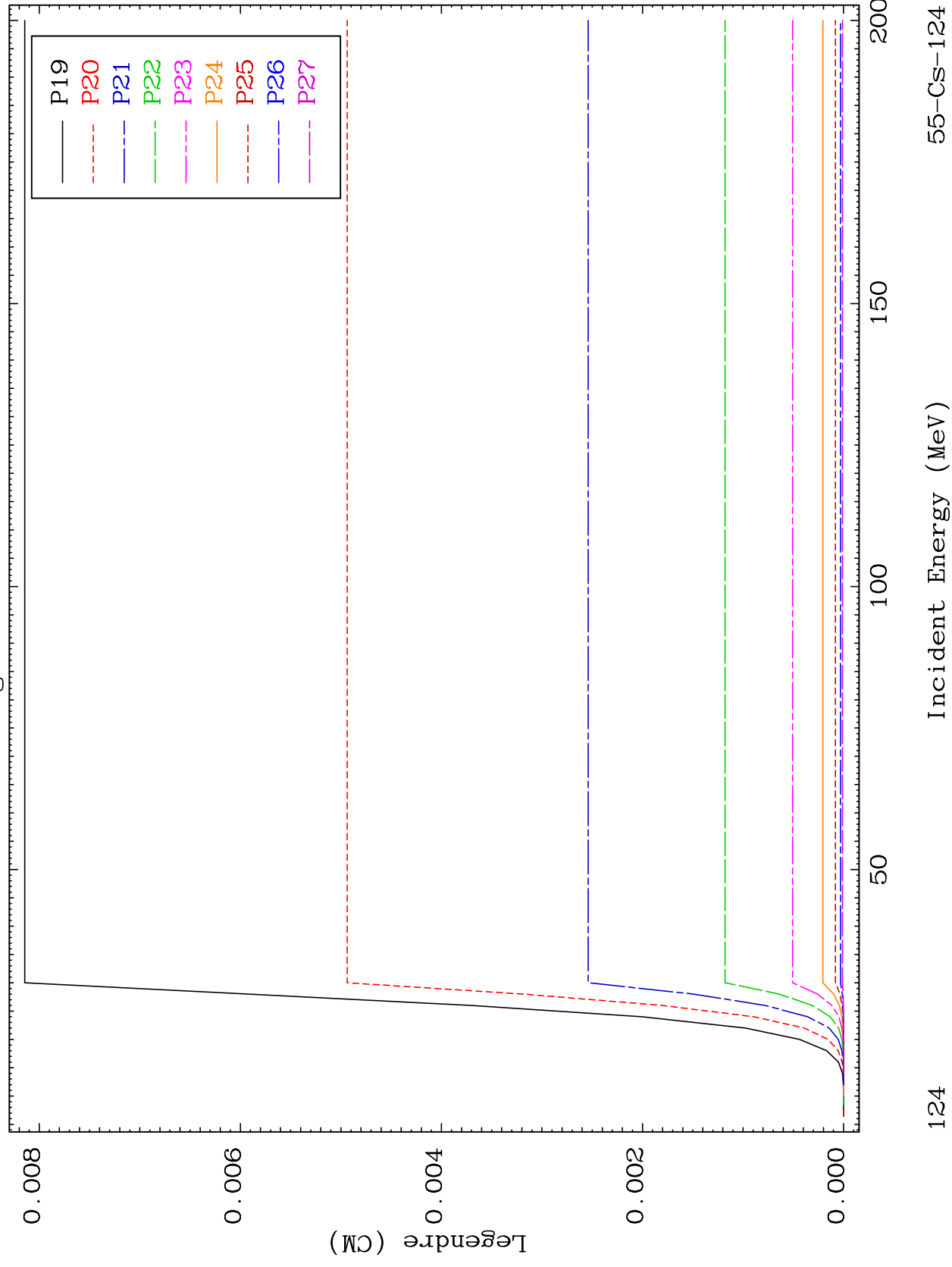
55-CS-124

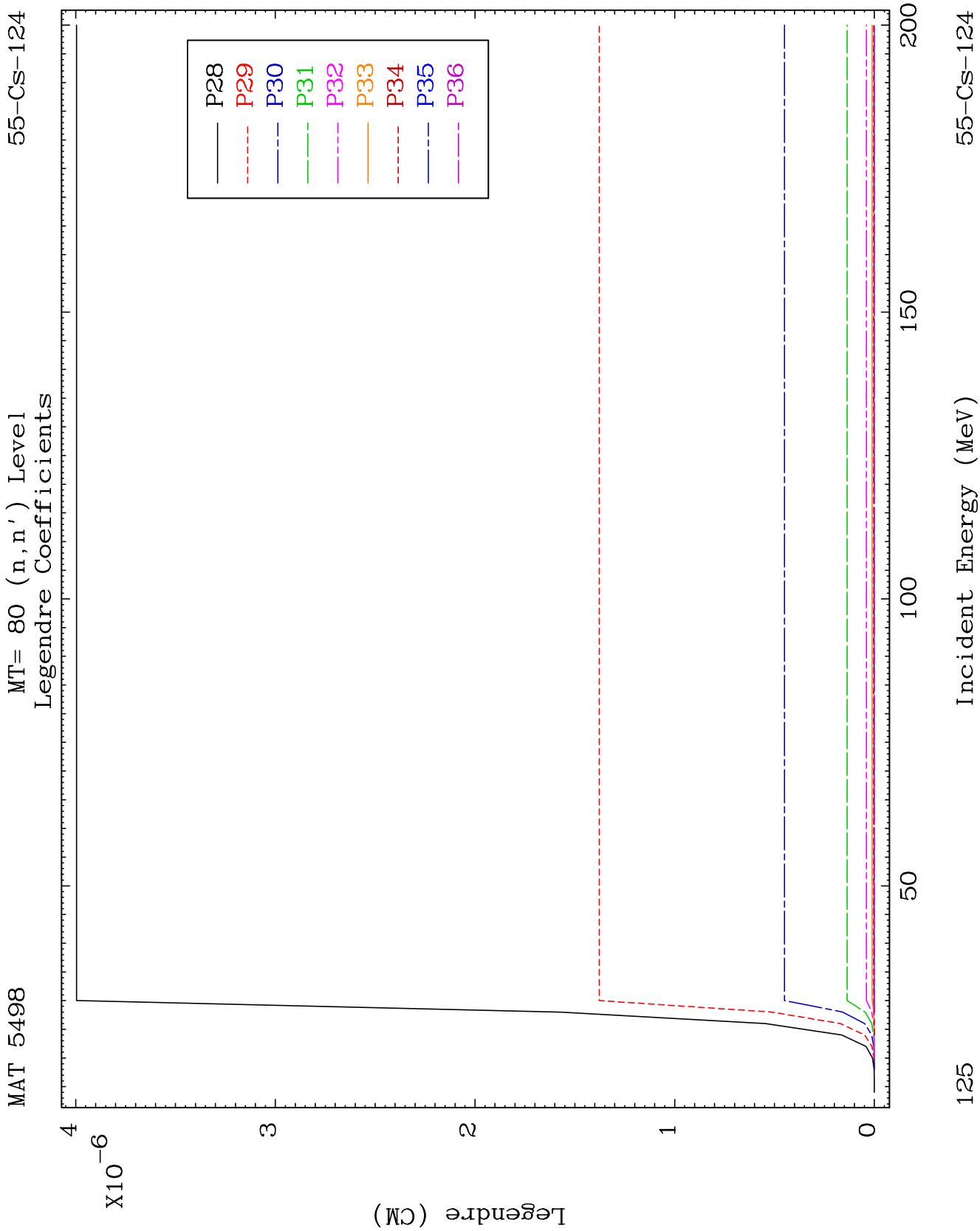


MAT 5498

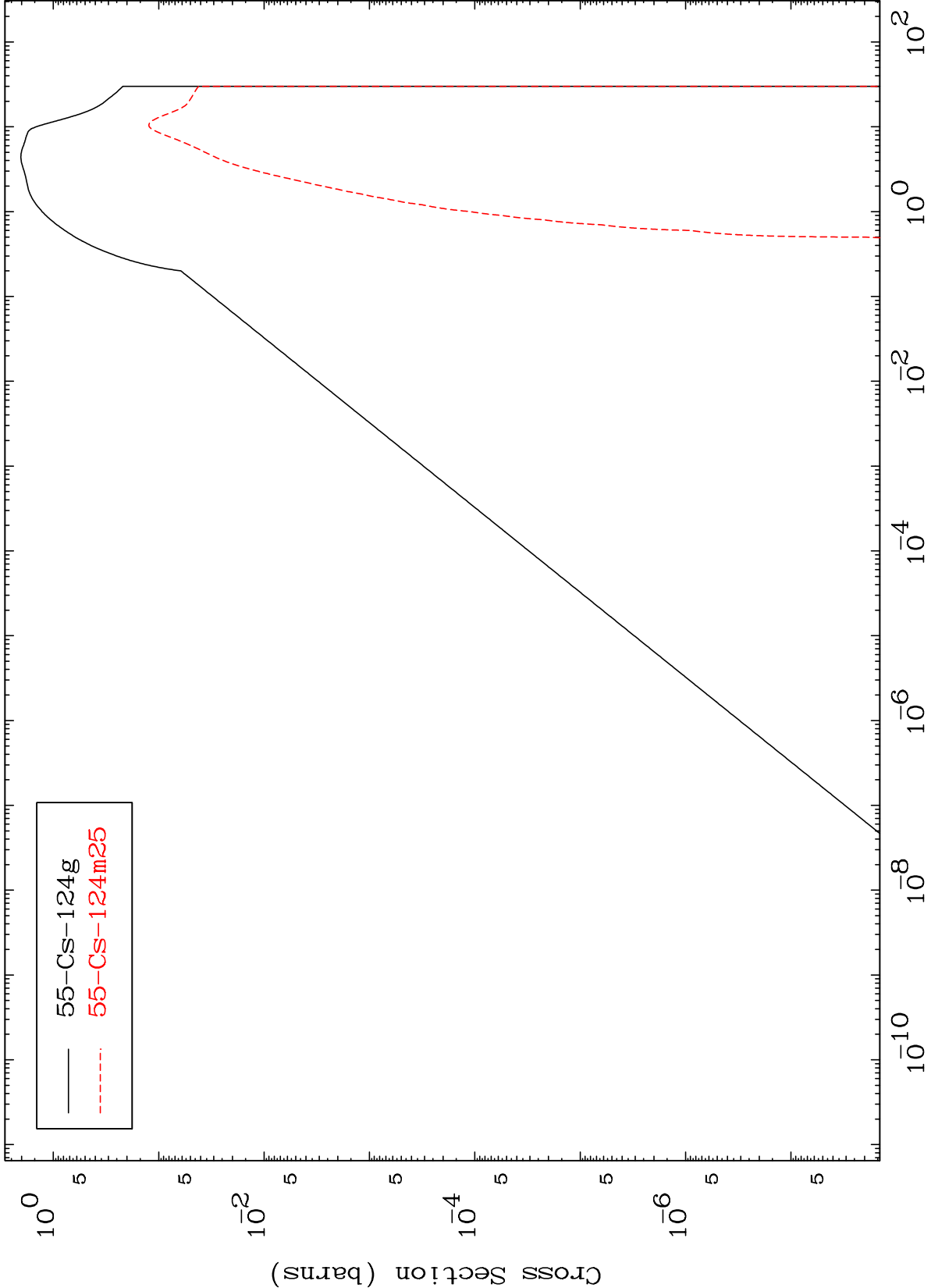
MT= 80 (n, n') Level
Legendre Coefficients

55-CS-124

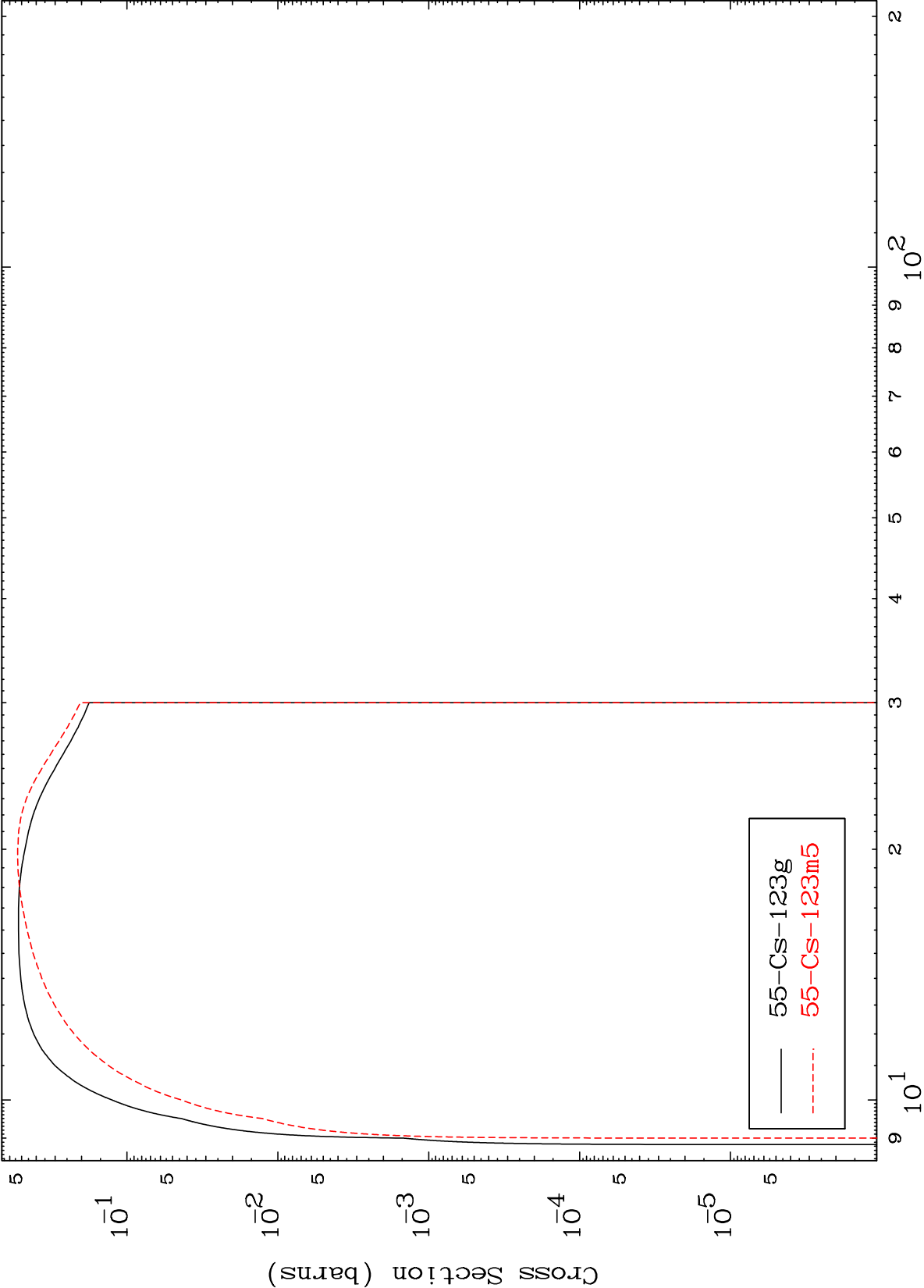




Inelastic
Radionuclide Production Cross Section



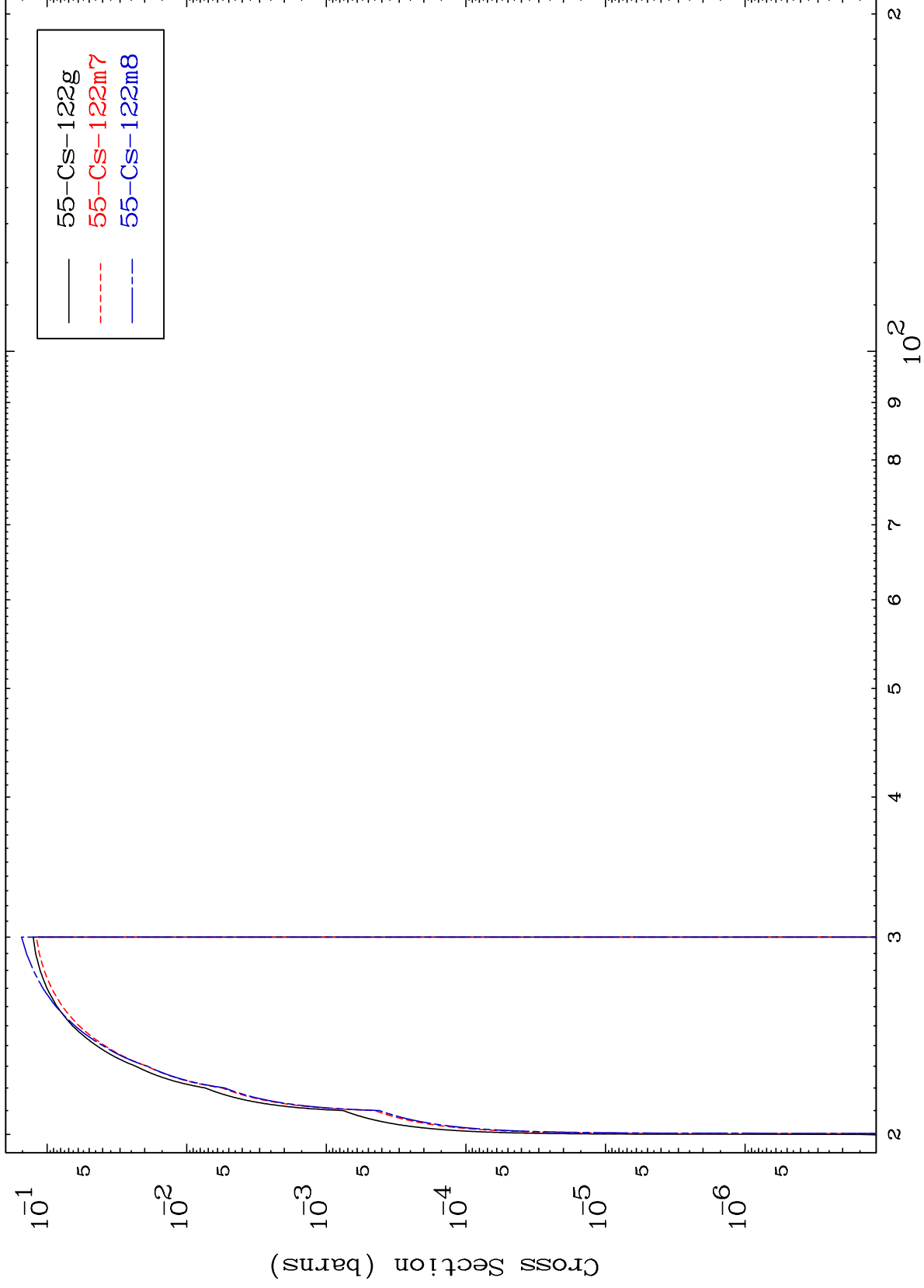
(n,2n)
Radionuclide Production Cross Section



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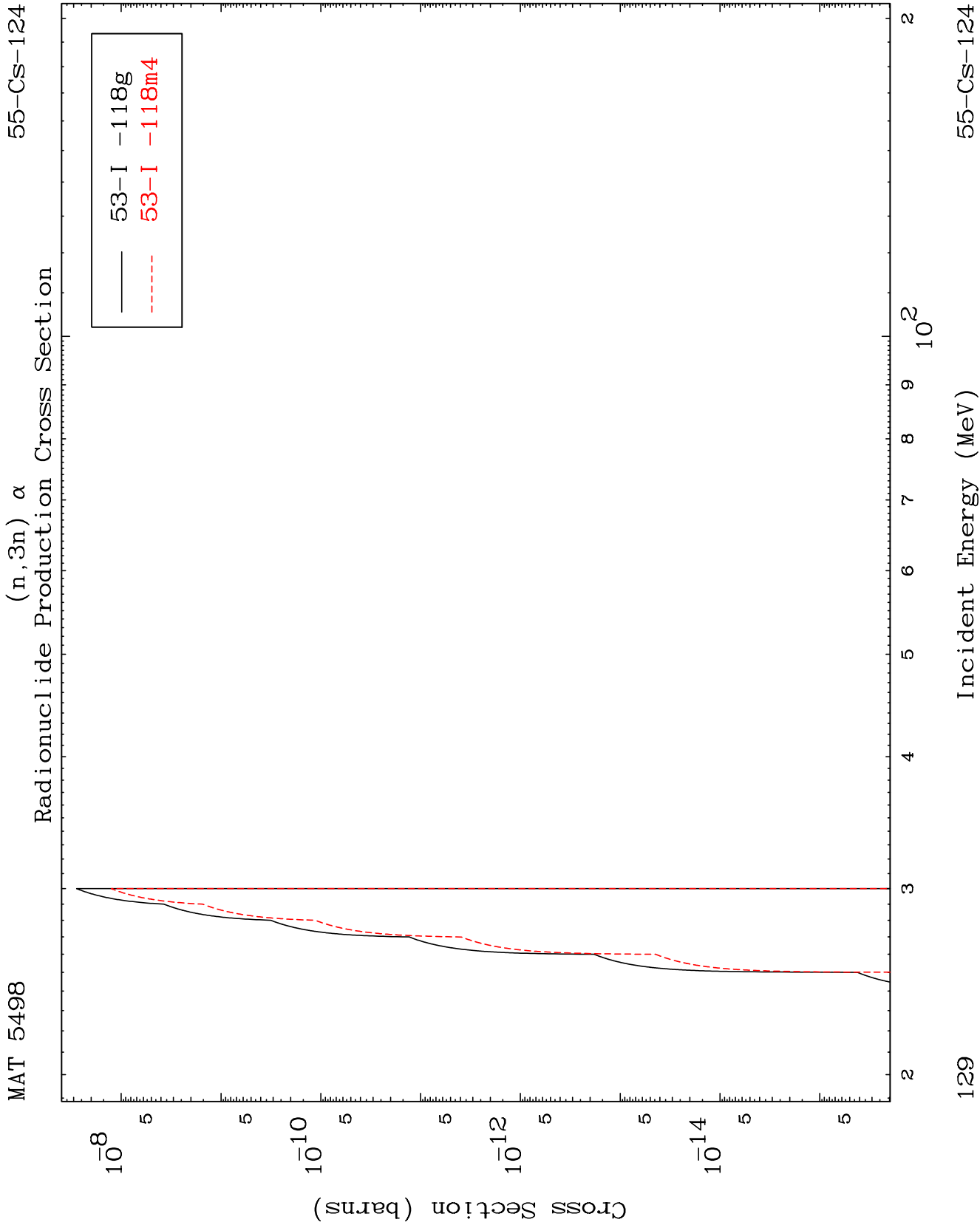
(n,3n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

128

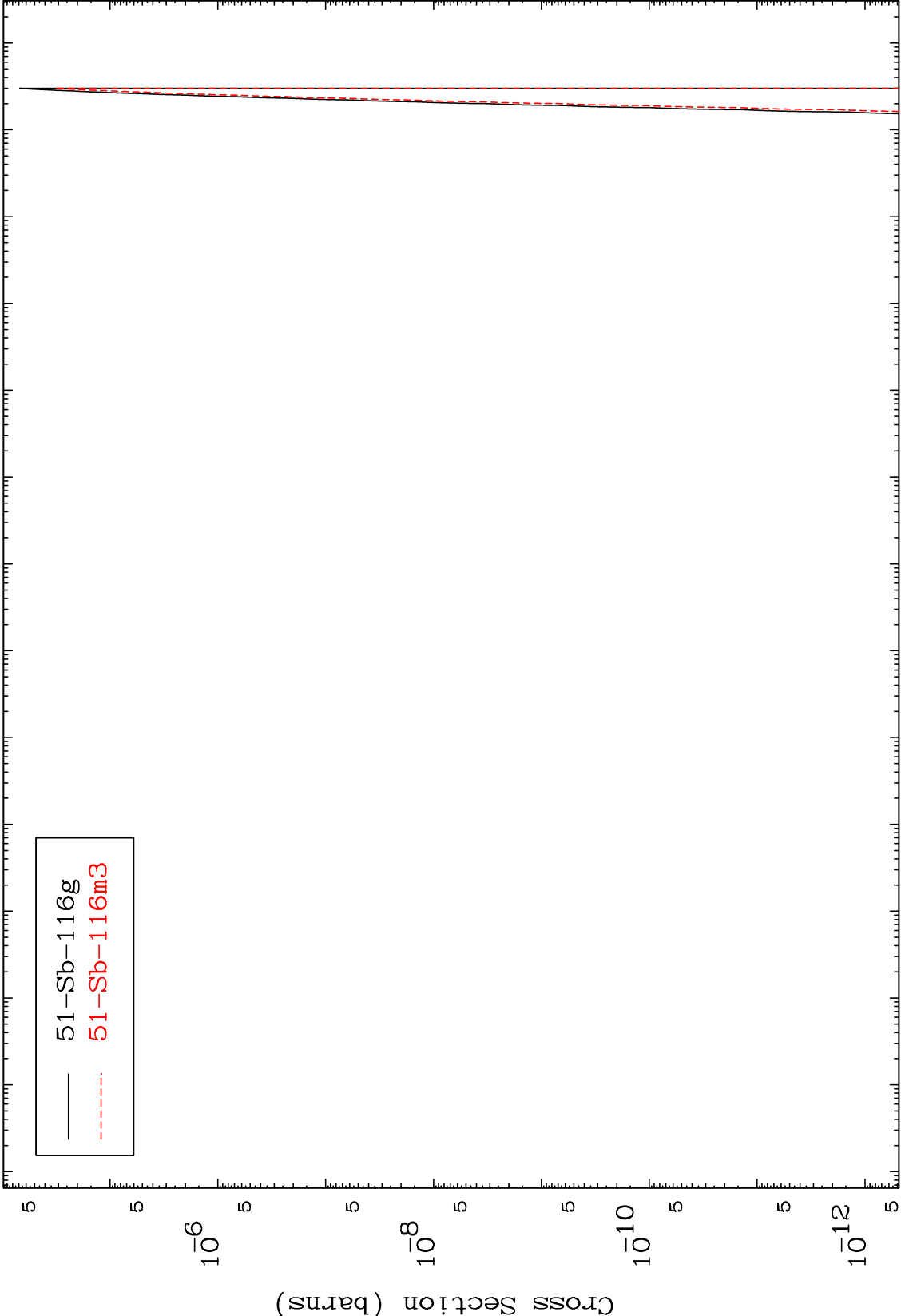


MAT 5498

(n,n') 2 α

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Radionuclide Production Cross Section



130

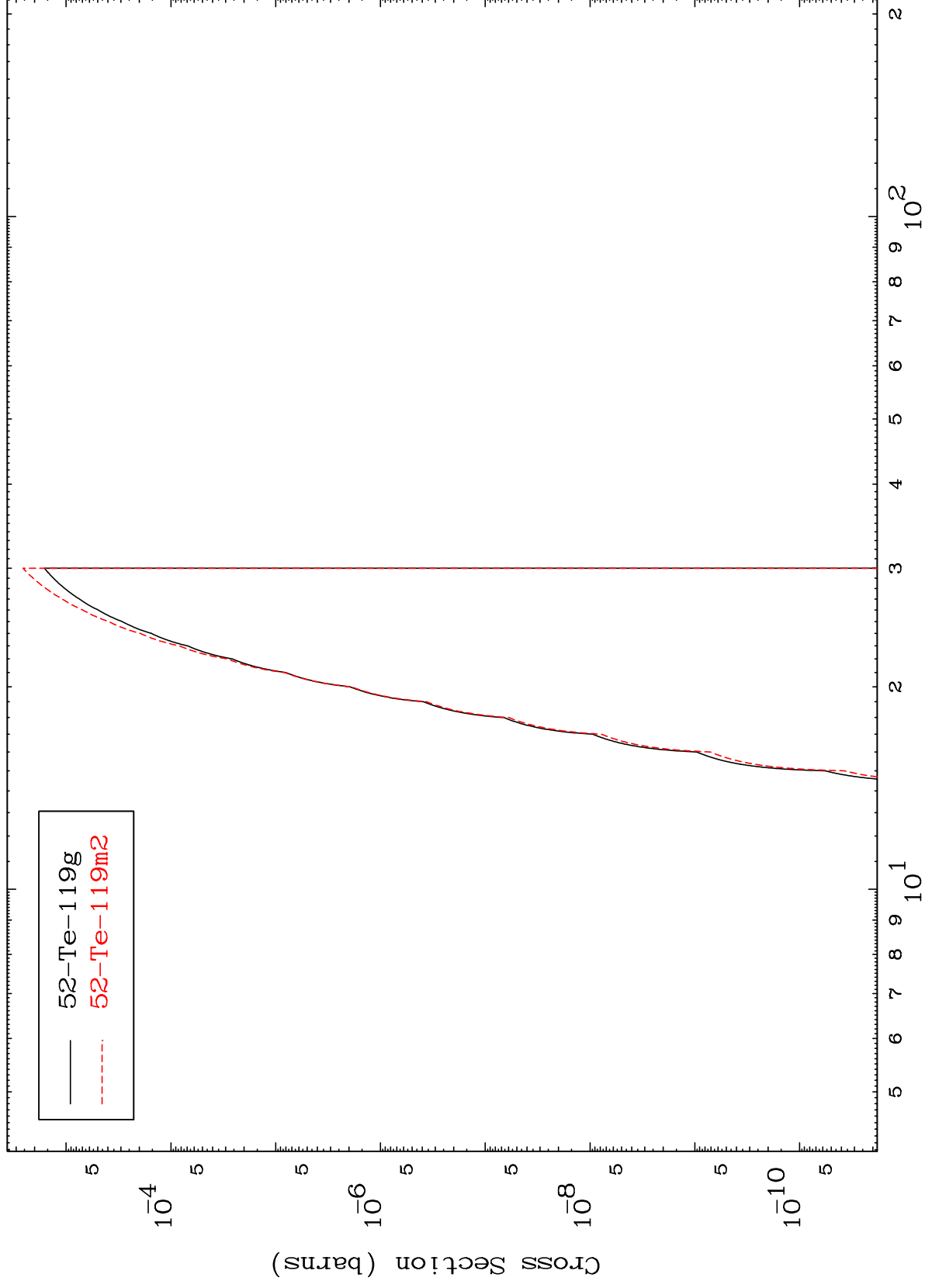
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

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



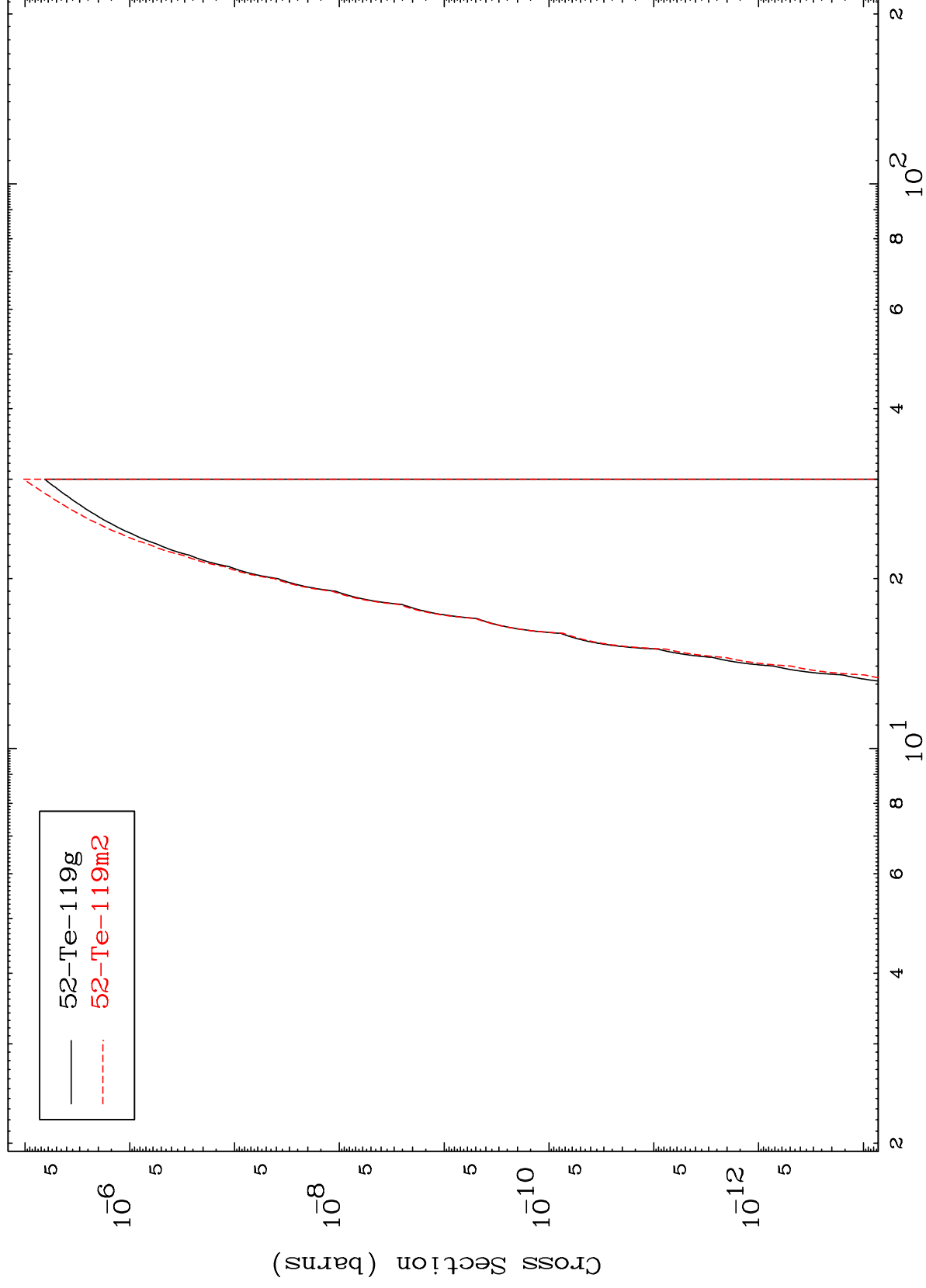
131

55-Cs-124

MAT 5498

55-Cs-124

(n,d) α
Radionuclide Production Cross Section



132

Incident Energy (MeV)

55-Cs-124