

Program EVALPLOT
(Version 2021-1)

by

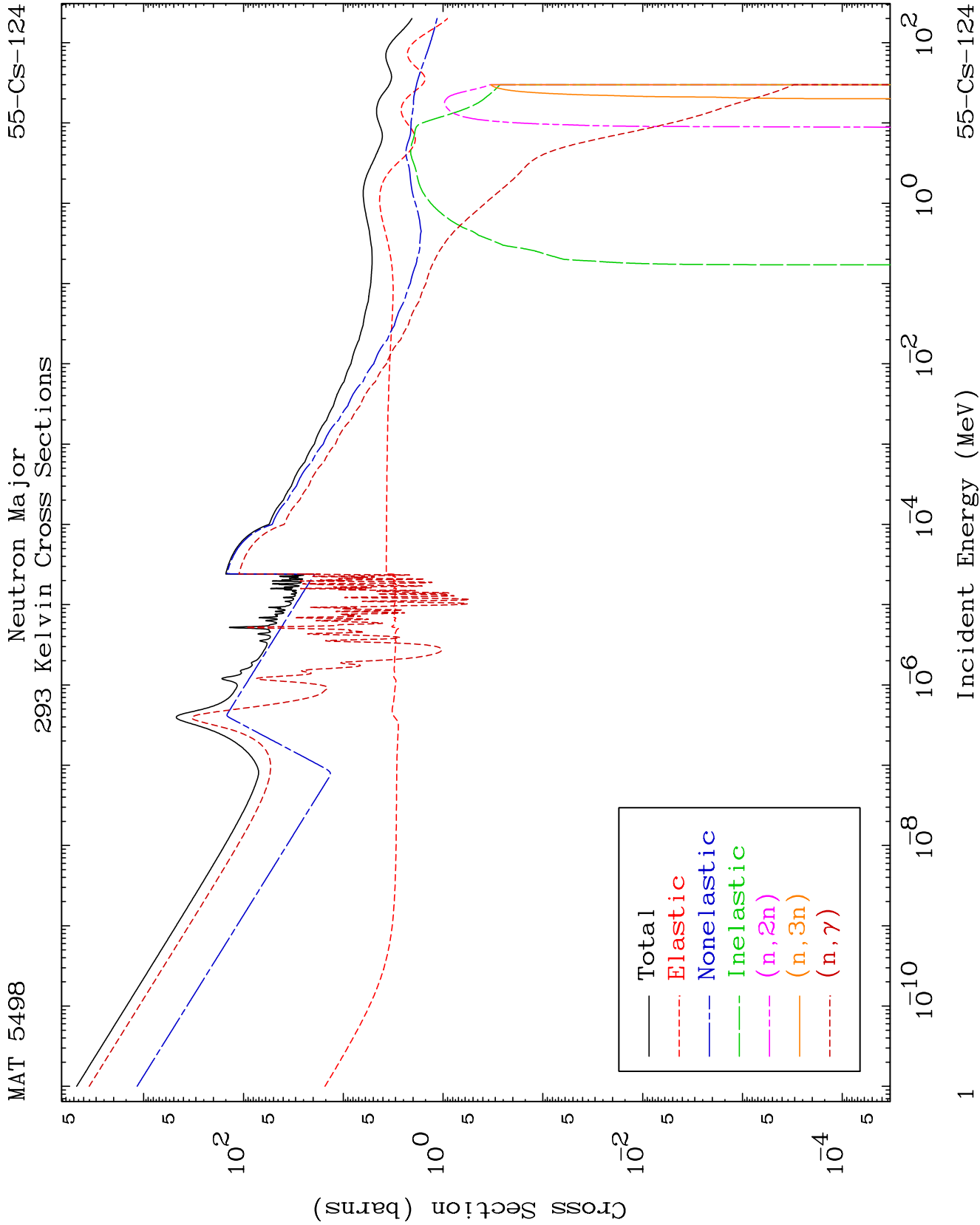
Dermott E. Cullen
(Present Contact Information)

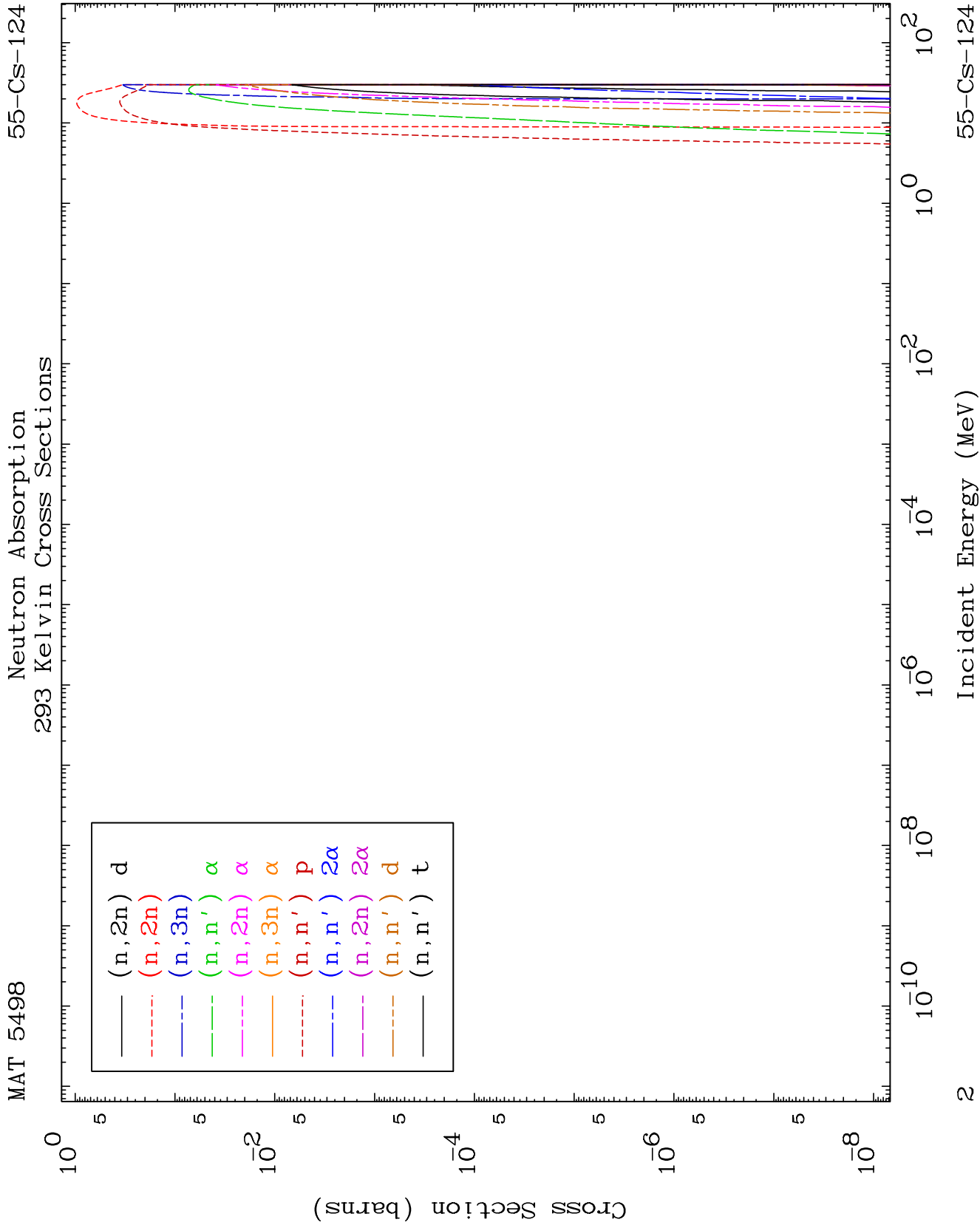
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

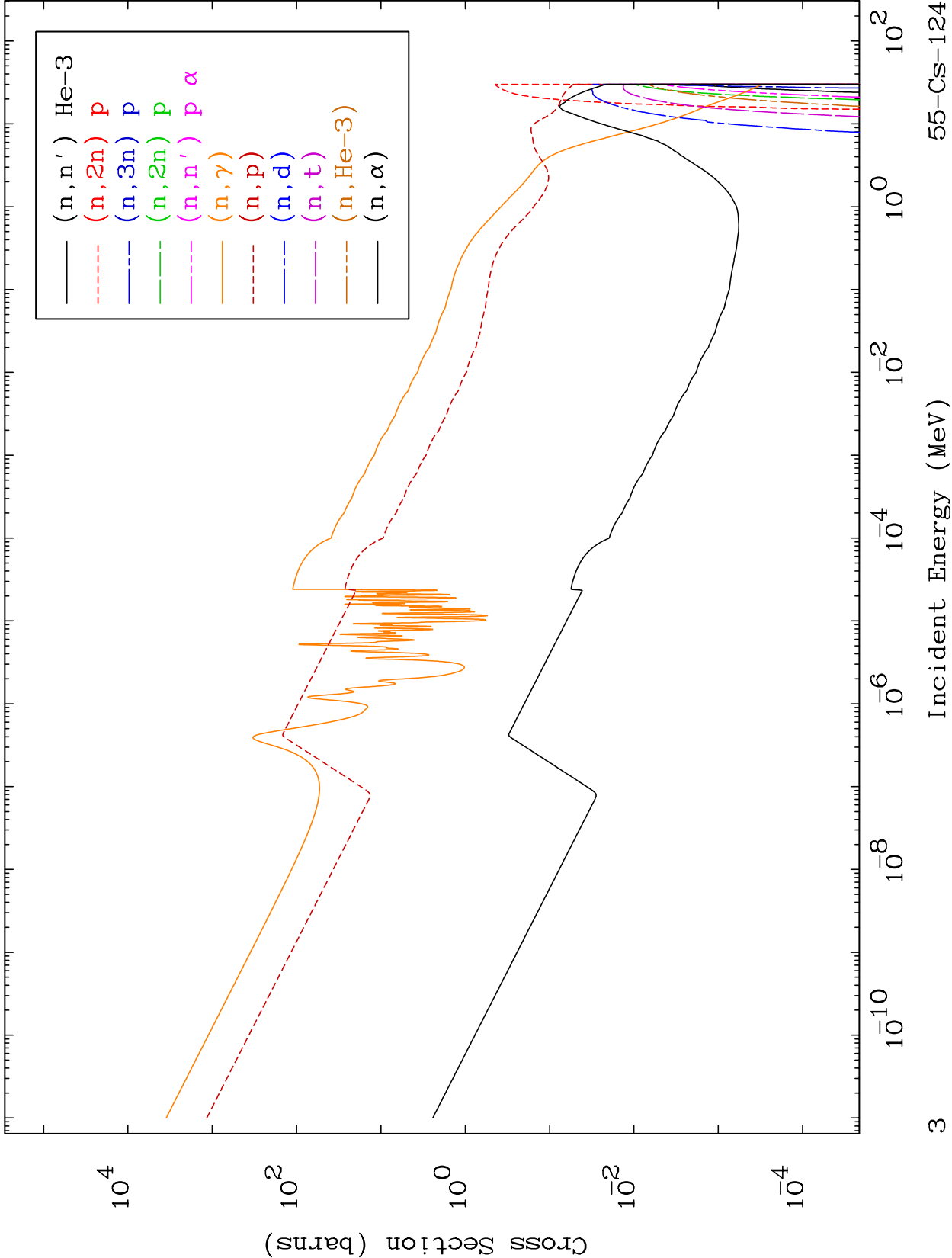
Tele: 925-443-1911

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

Press Mouse Button to Start



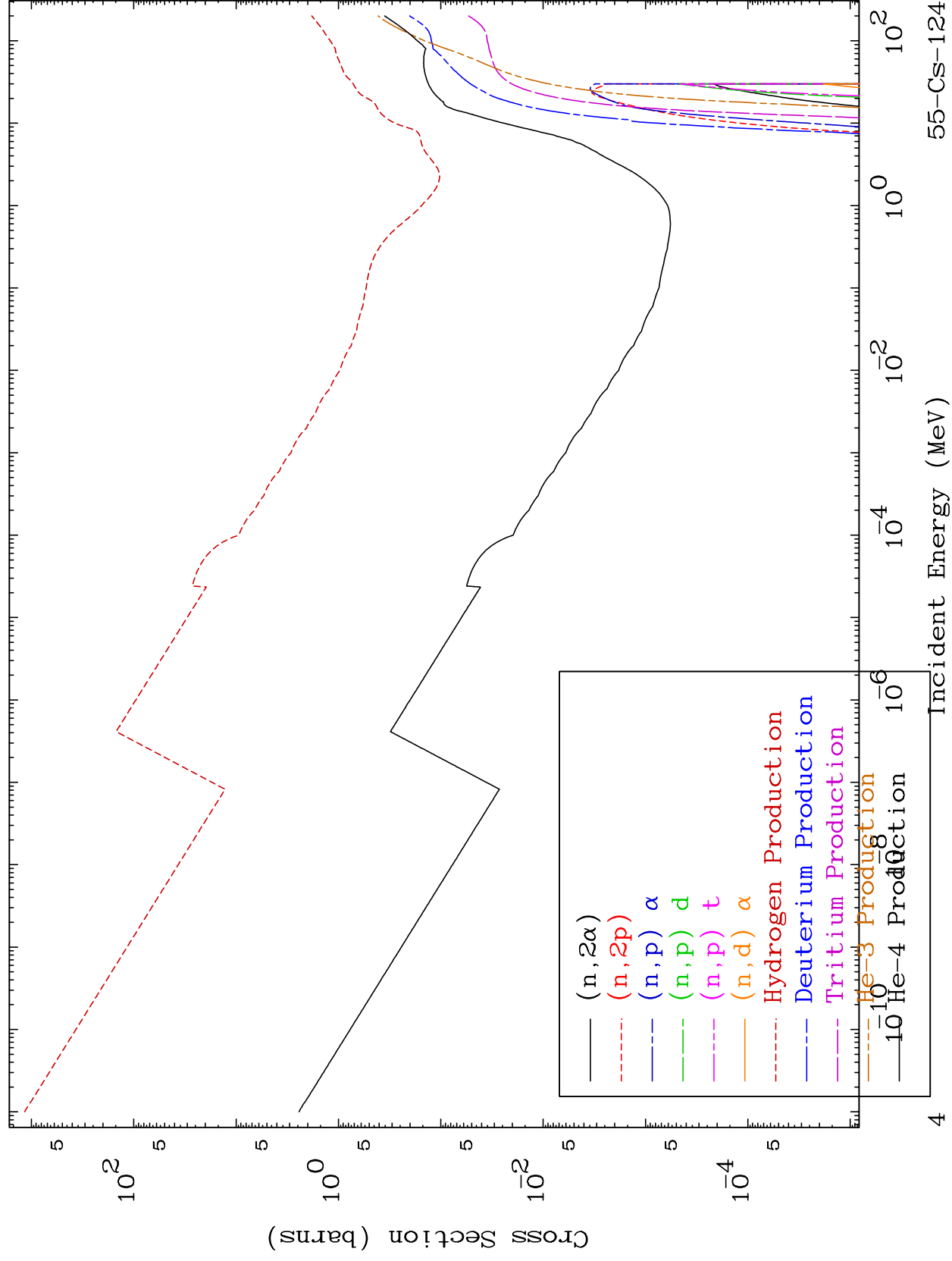


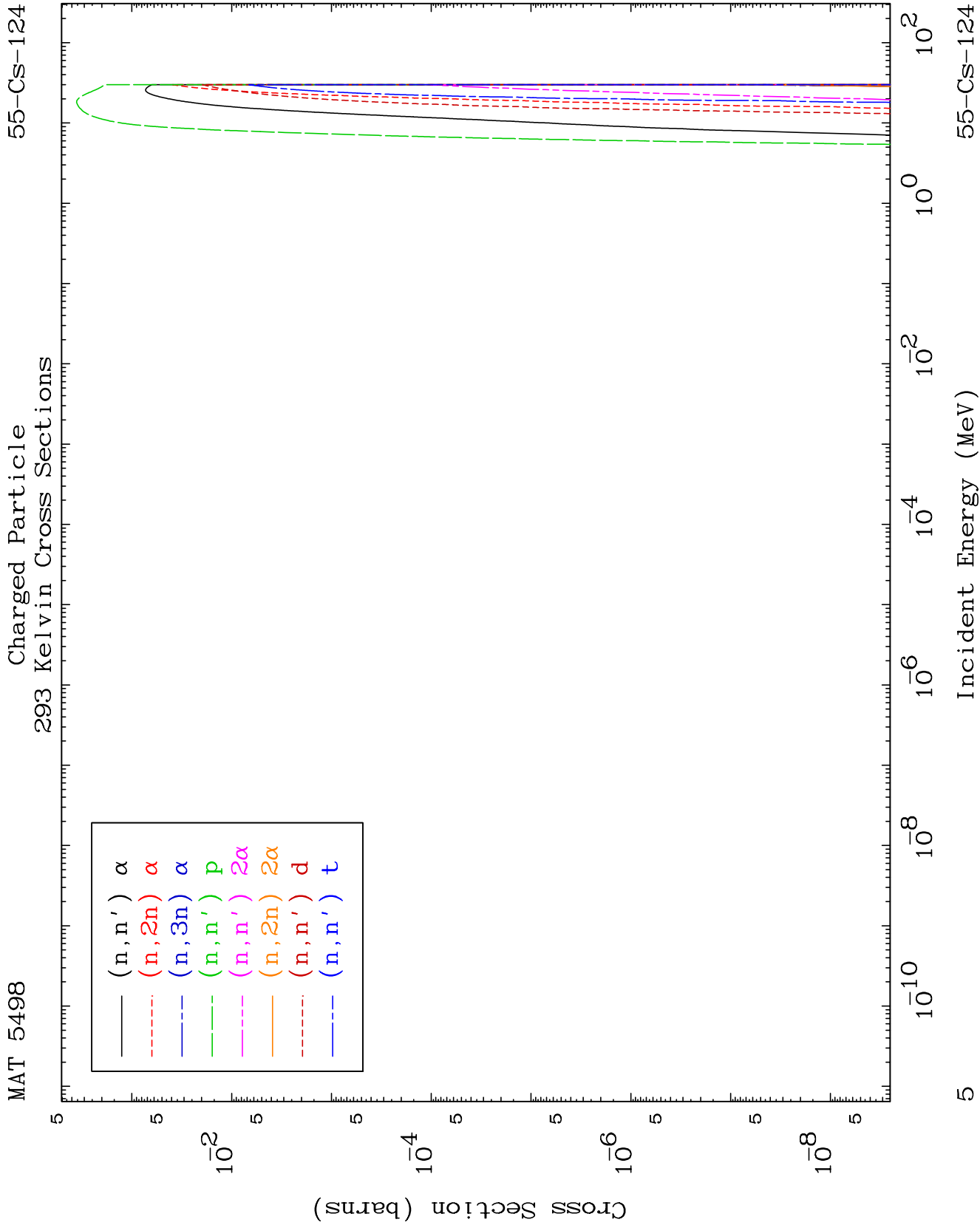


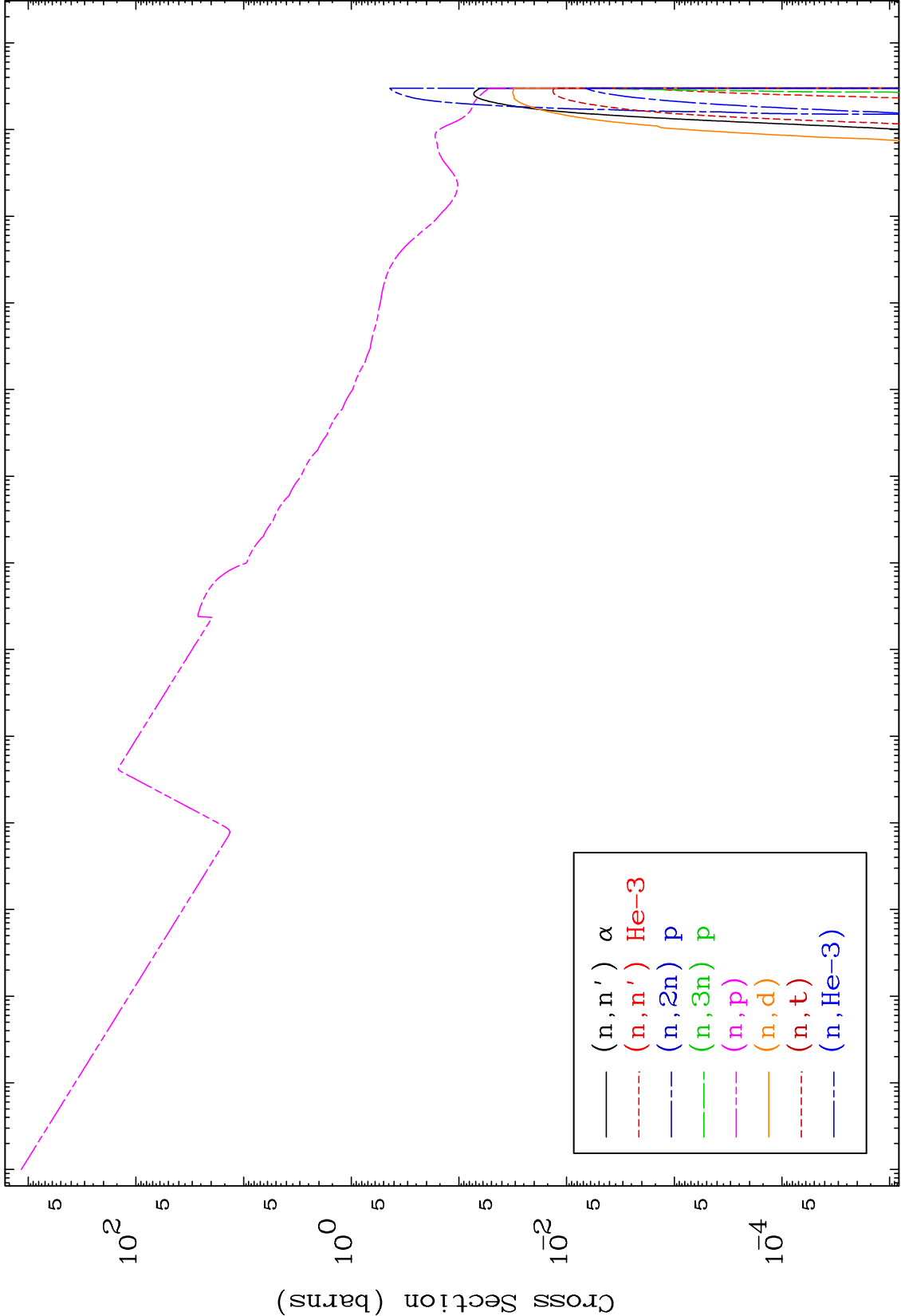
MAT 5498

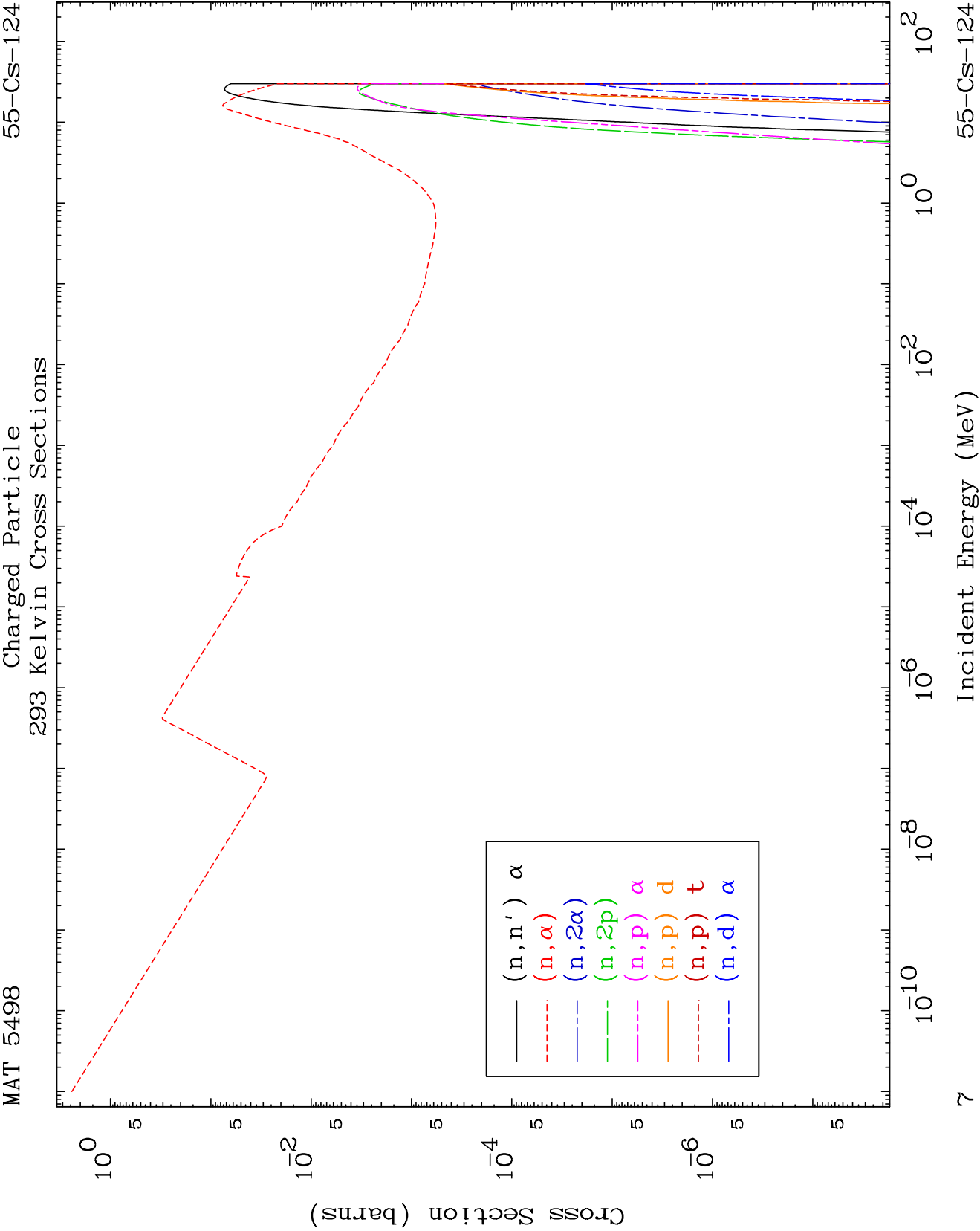
Neutron Absorption
293 Kelvin Cross Sections

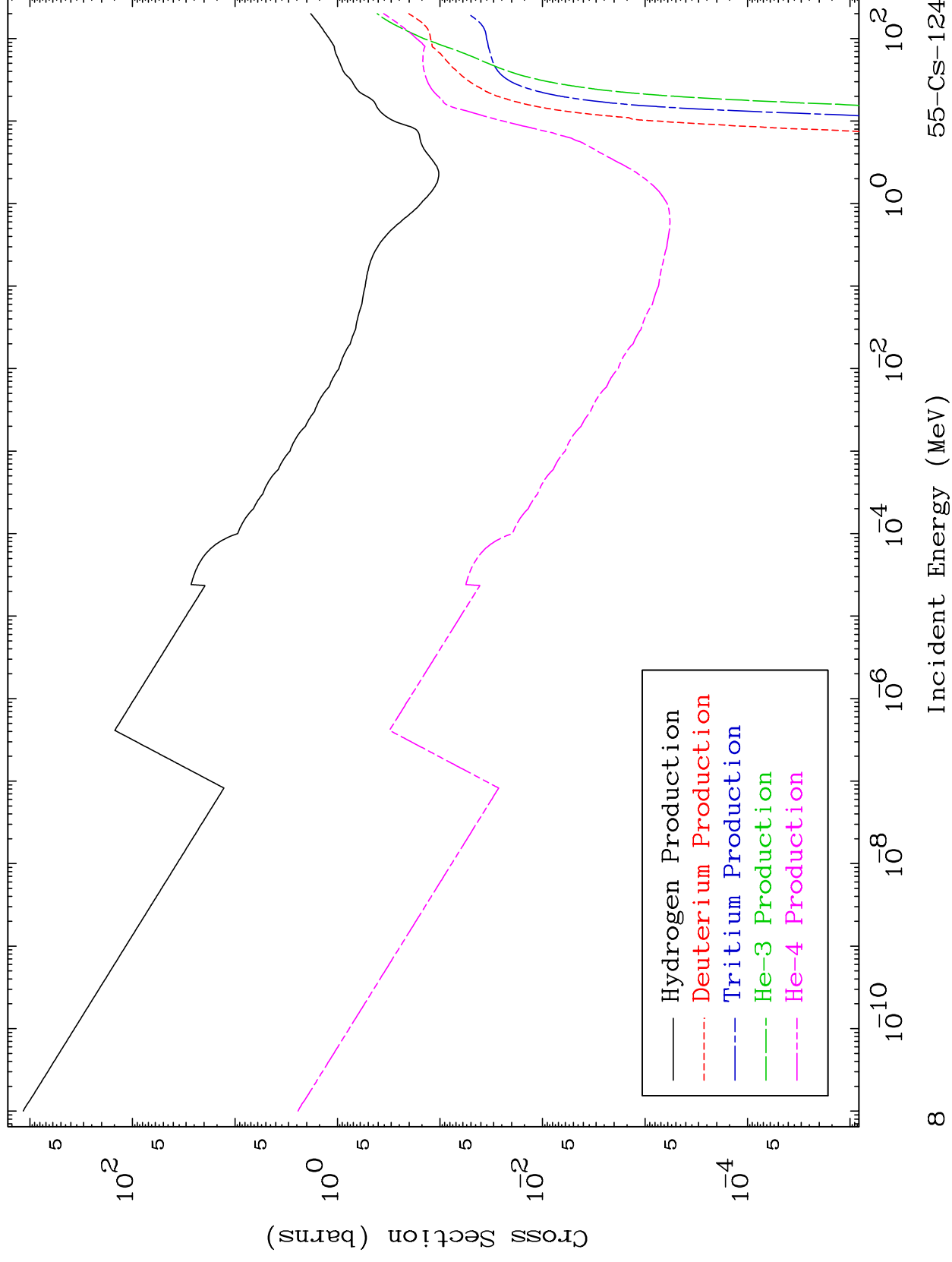
55-CS-124



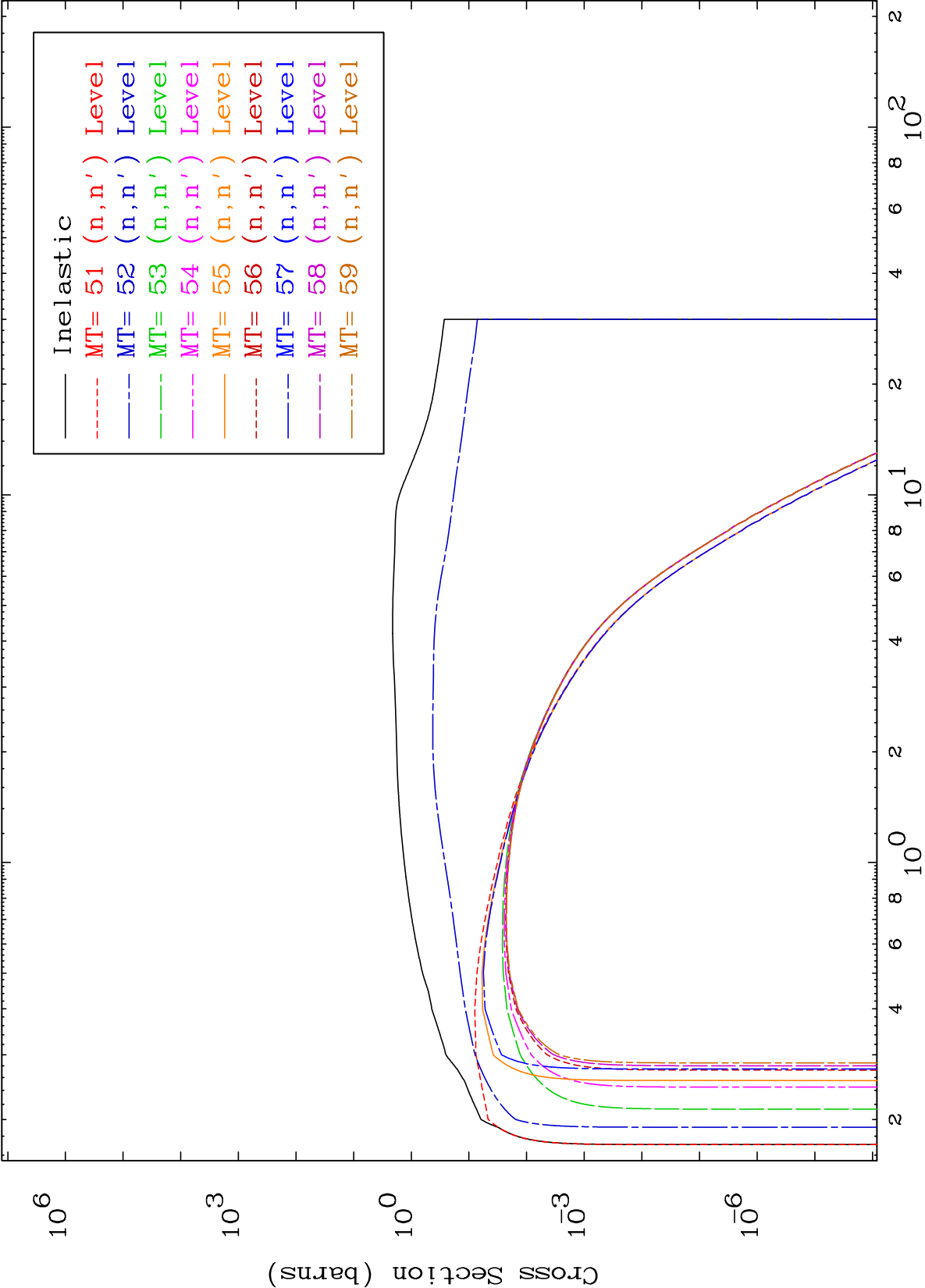








293 Kelvin Cross Sections

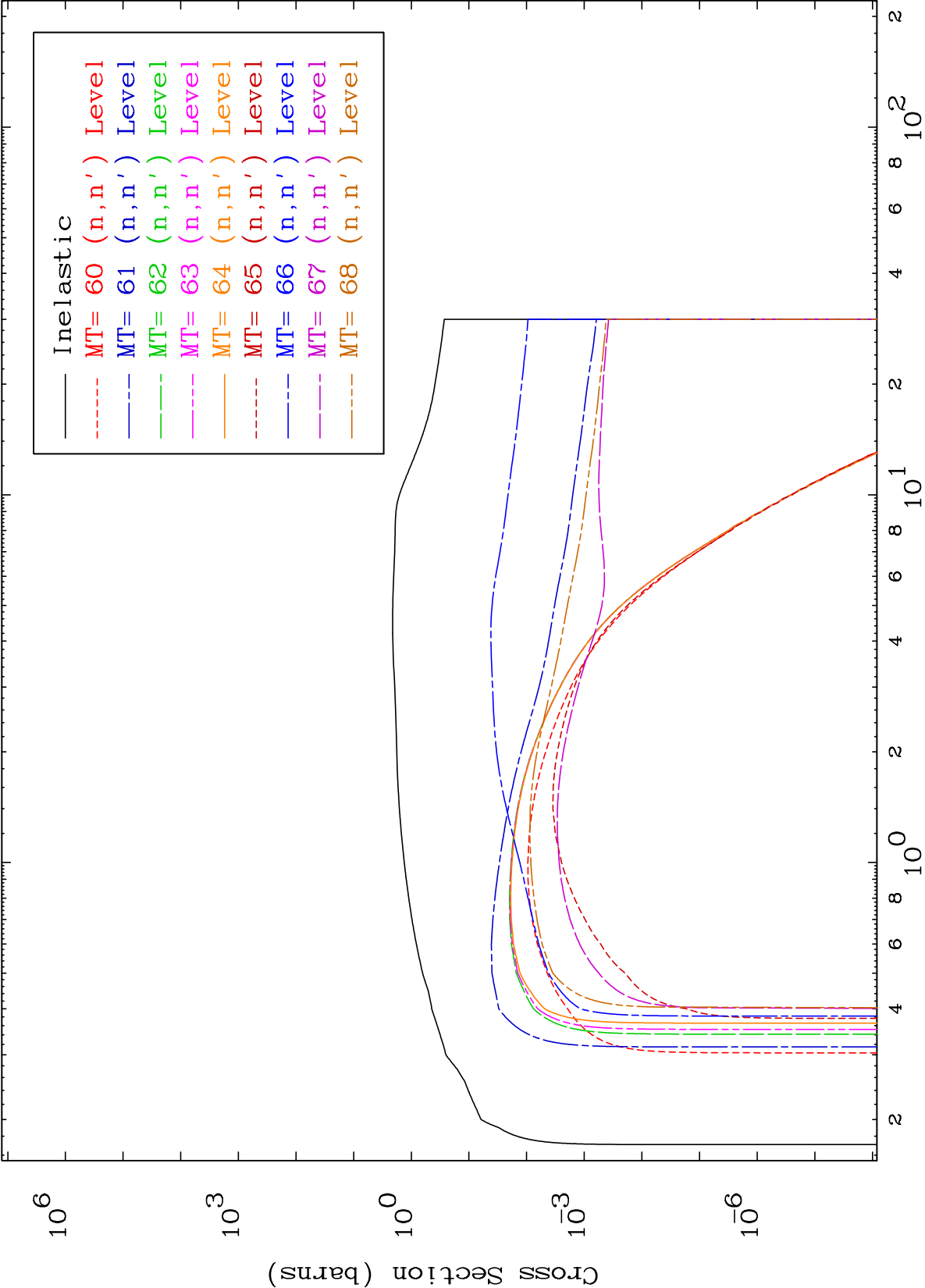


MAT 5498

(n,n') Levels

55-Cs-124

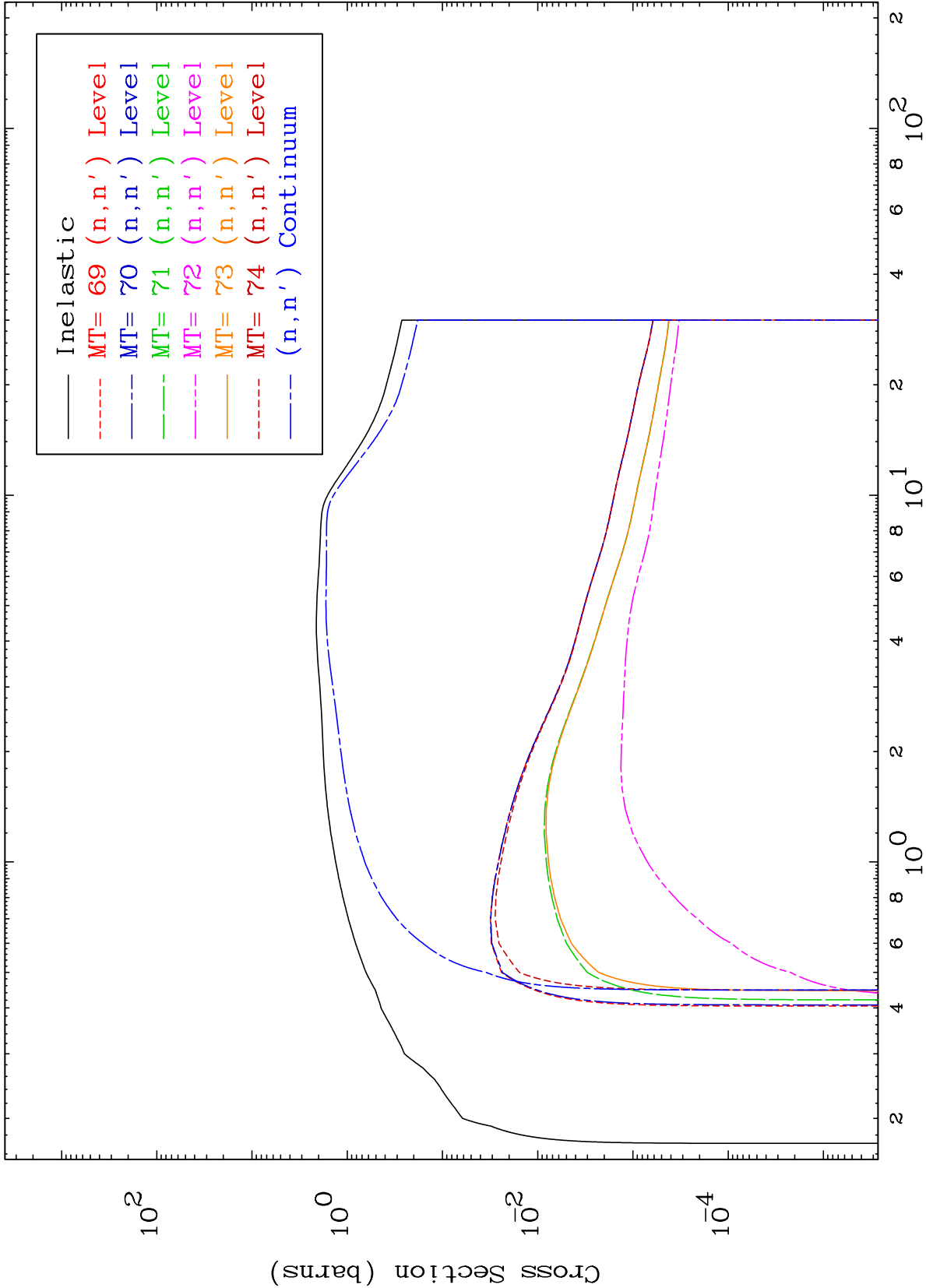
293 Kelvin Cross Sections

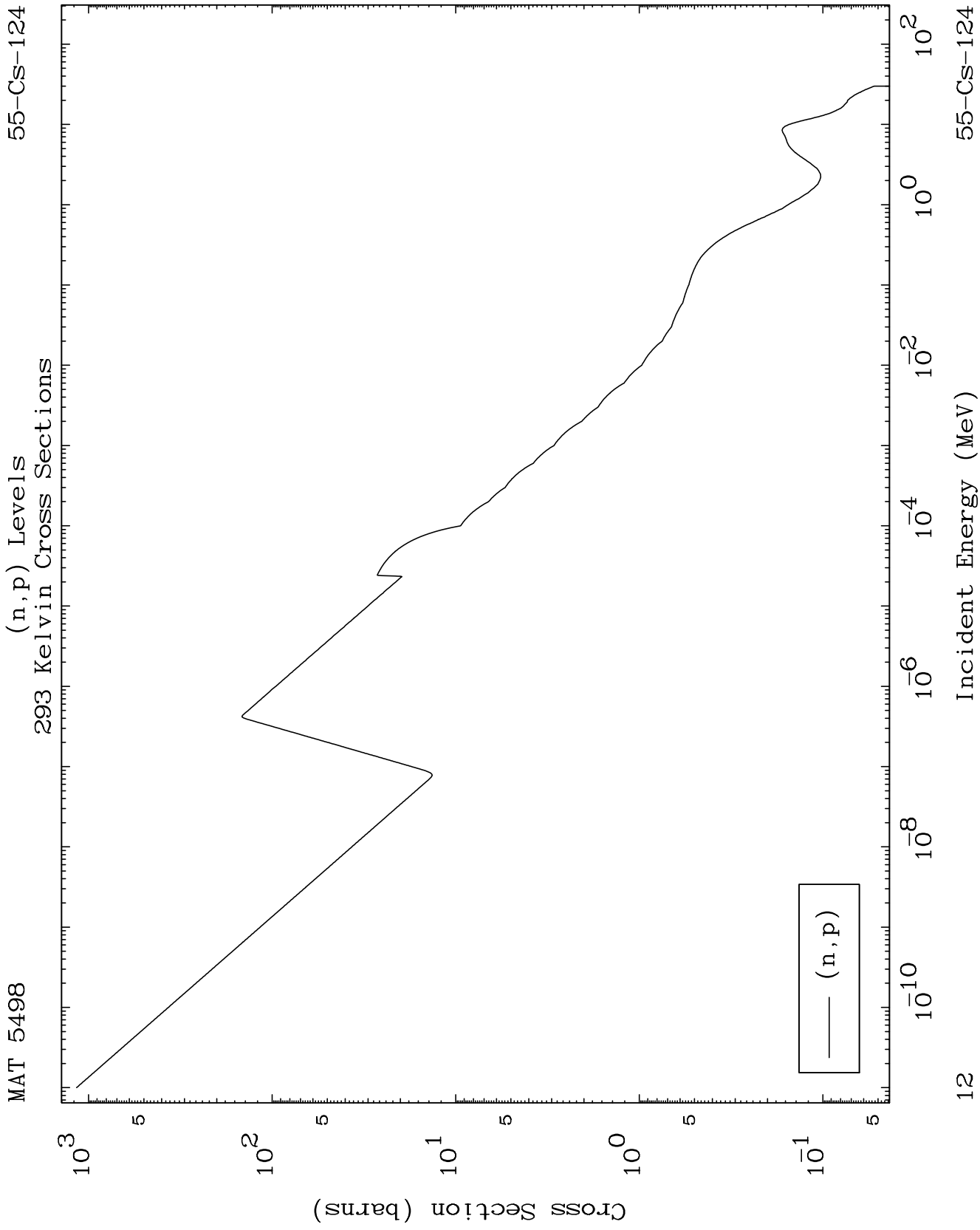


10

Incident Energy (MeV)

55-Cs-124

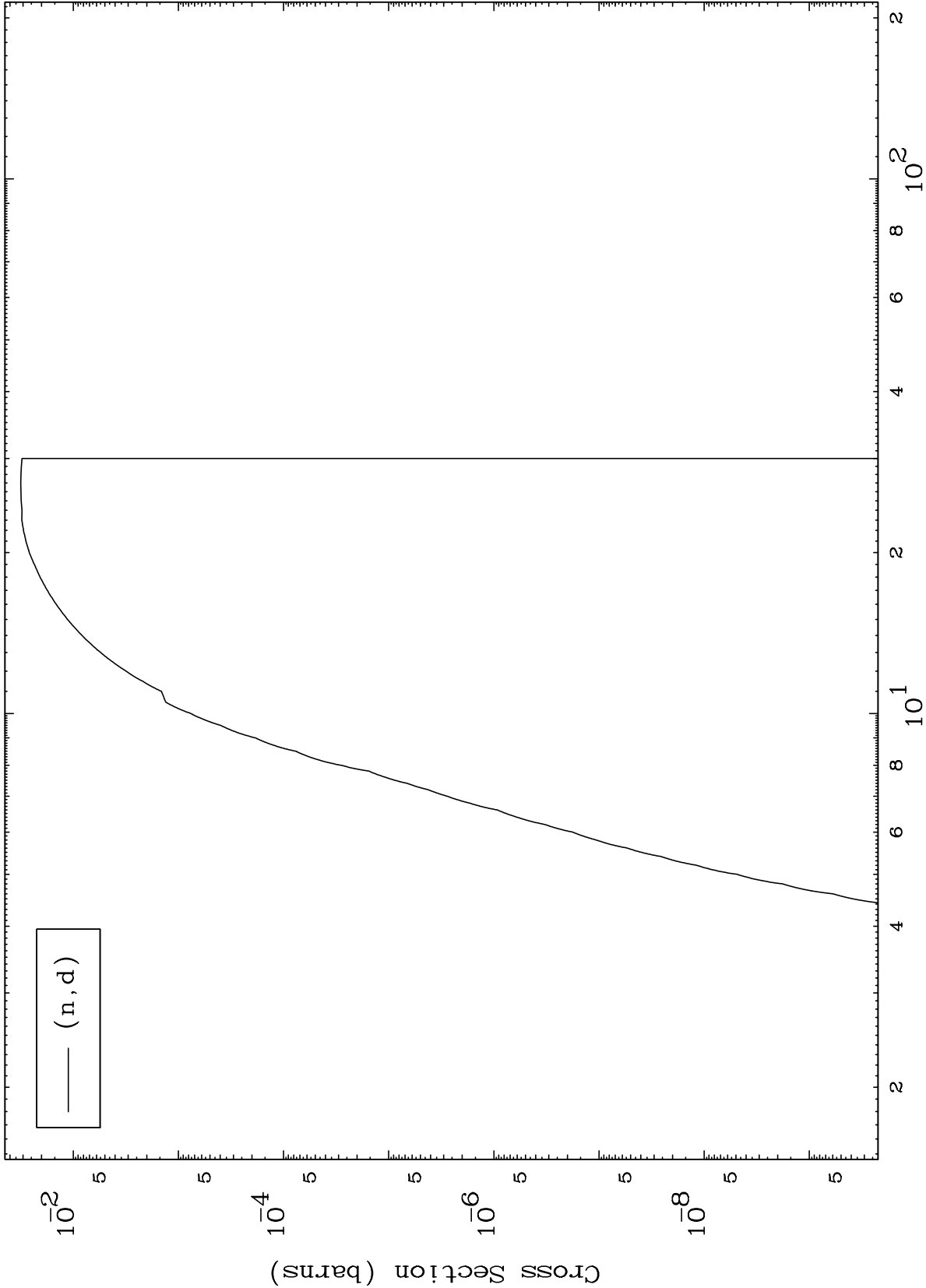




MAT 5498

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-124



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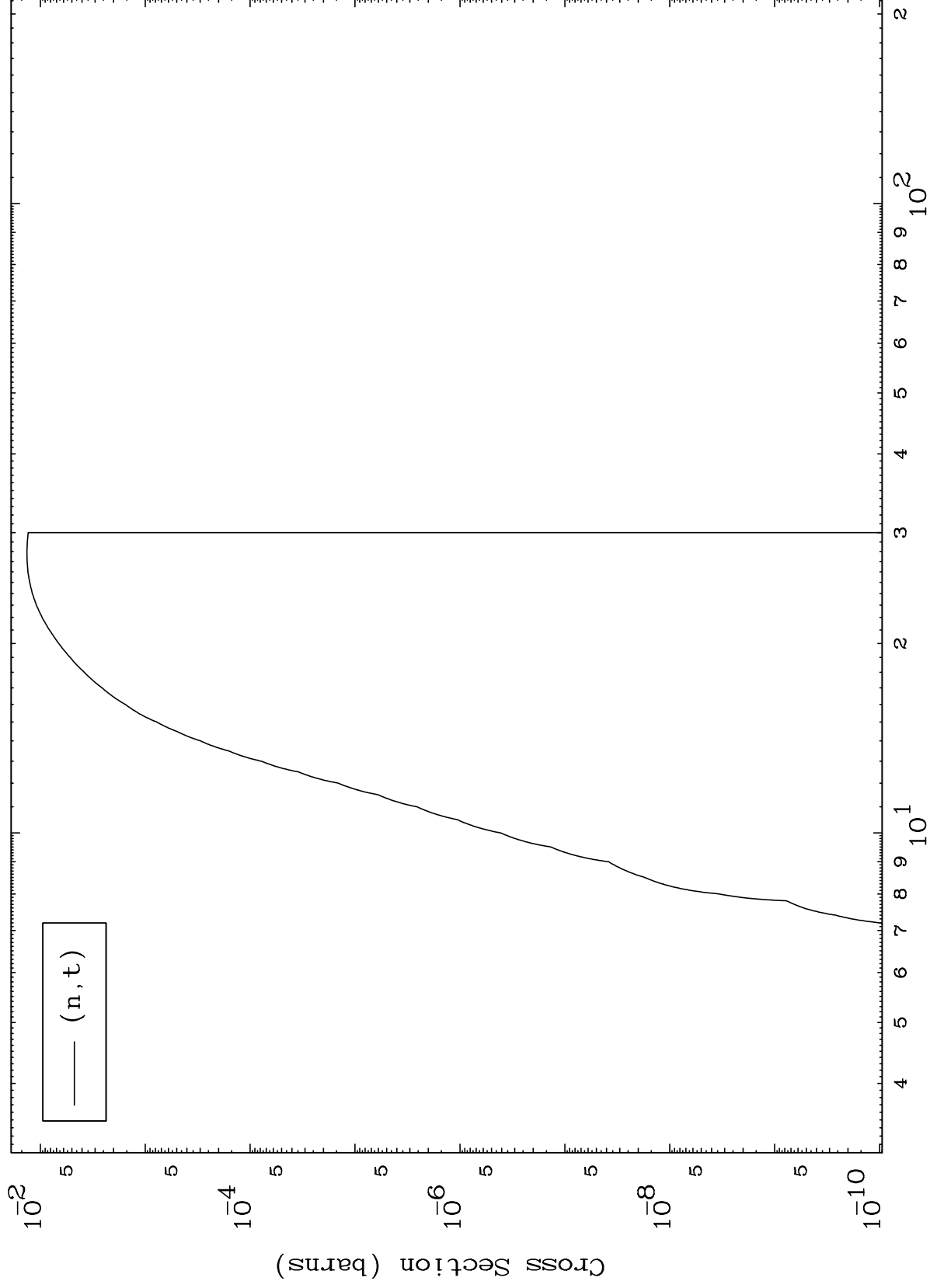
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

(n,t) Levels
293 Kelvin Cross Sections



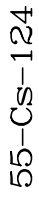
55-Cs-124

Incident Energy (MeV)

14

55-CS-124

(n, He3) Levels



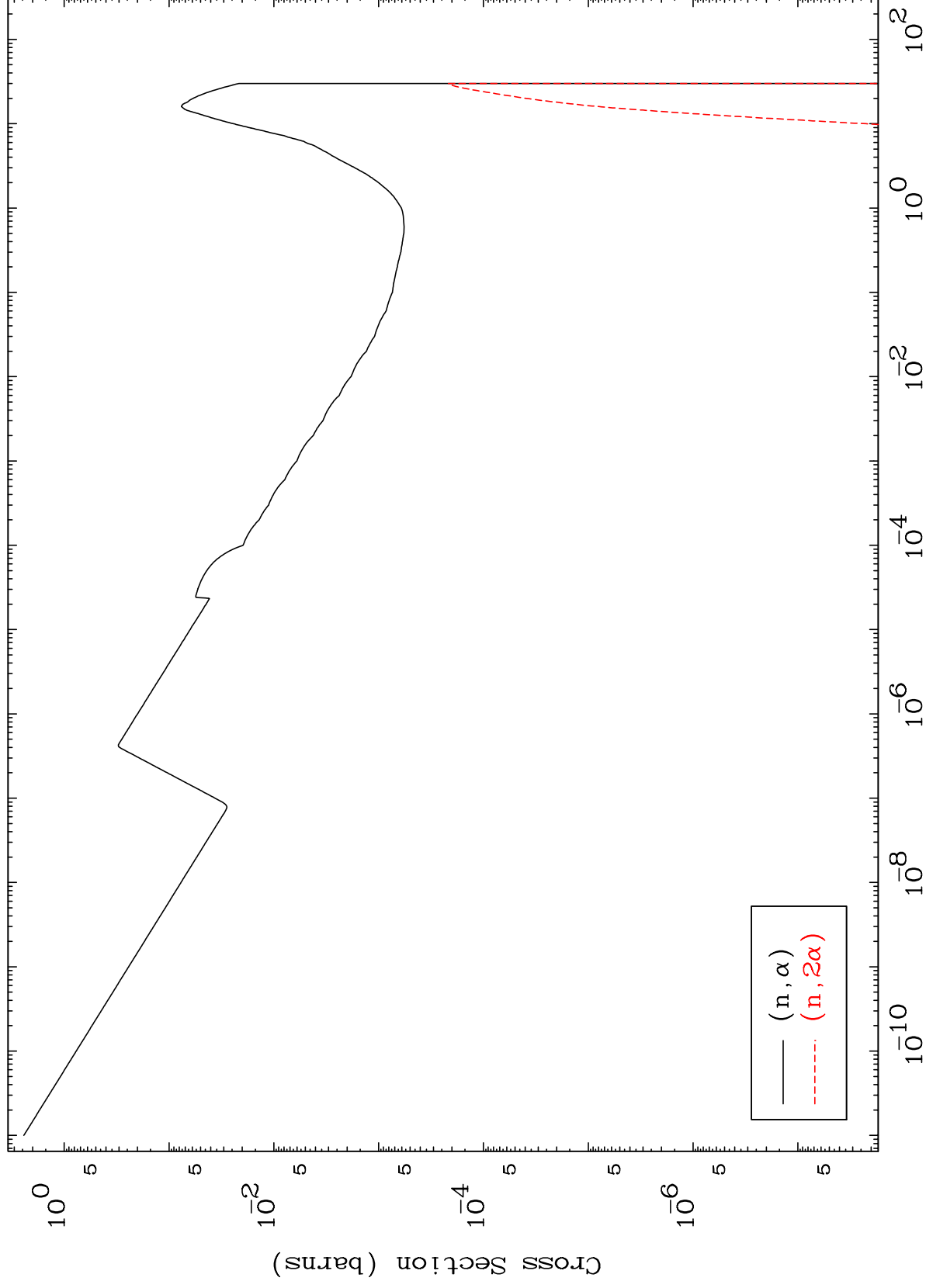
Incident Energy (MeV)

15

MAT 5498

(n, α) Levels
293 Kelvin Cross Sections

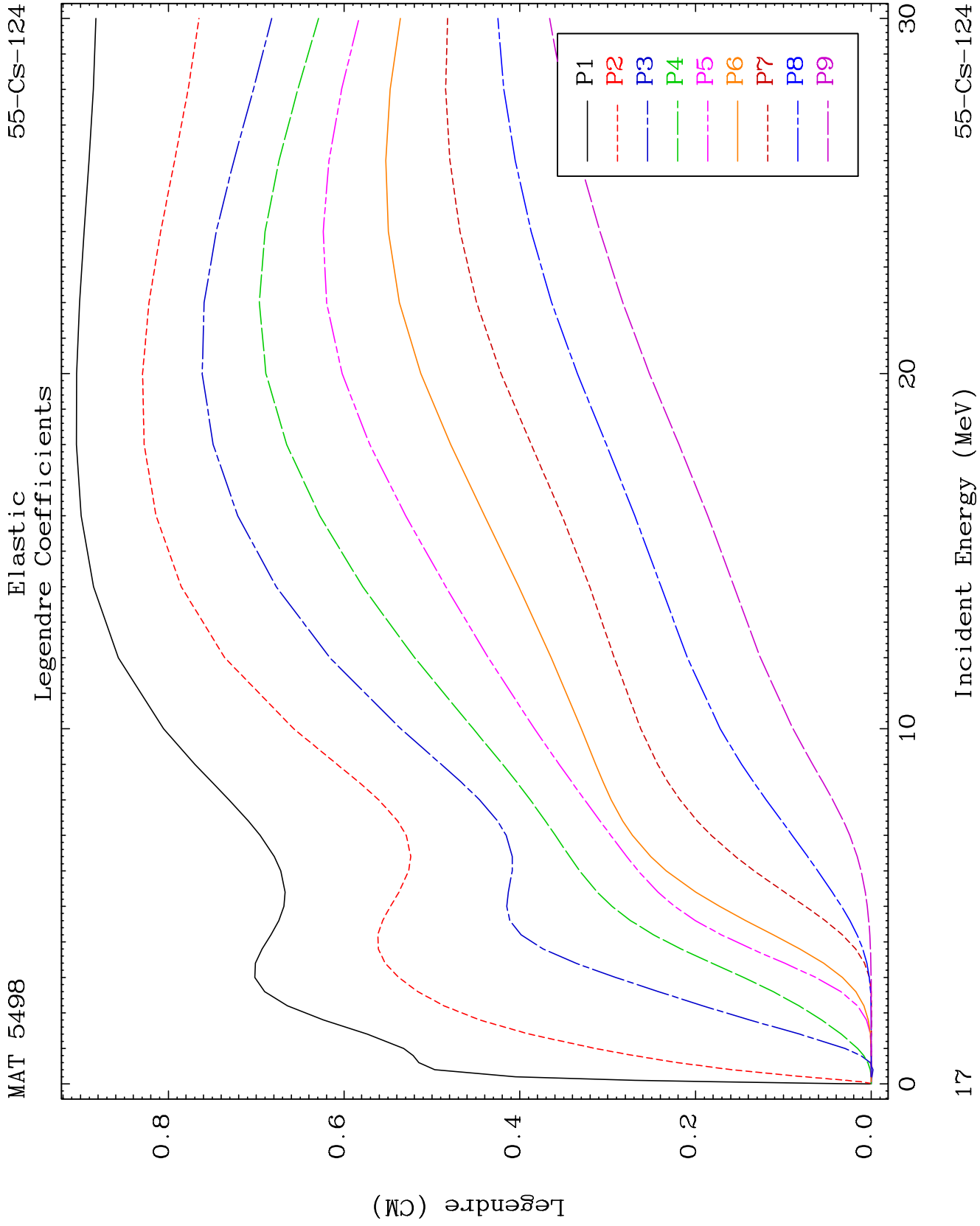
55-Cs-124

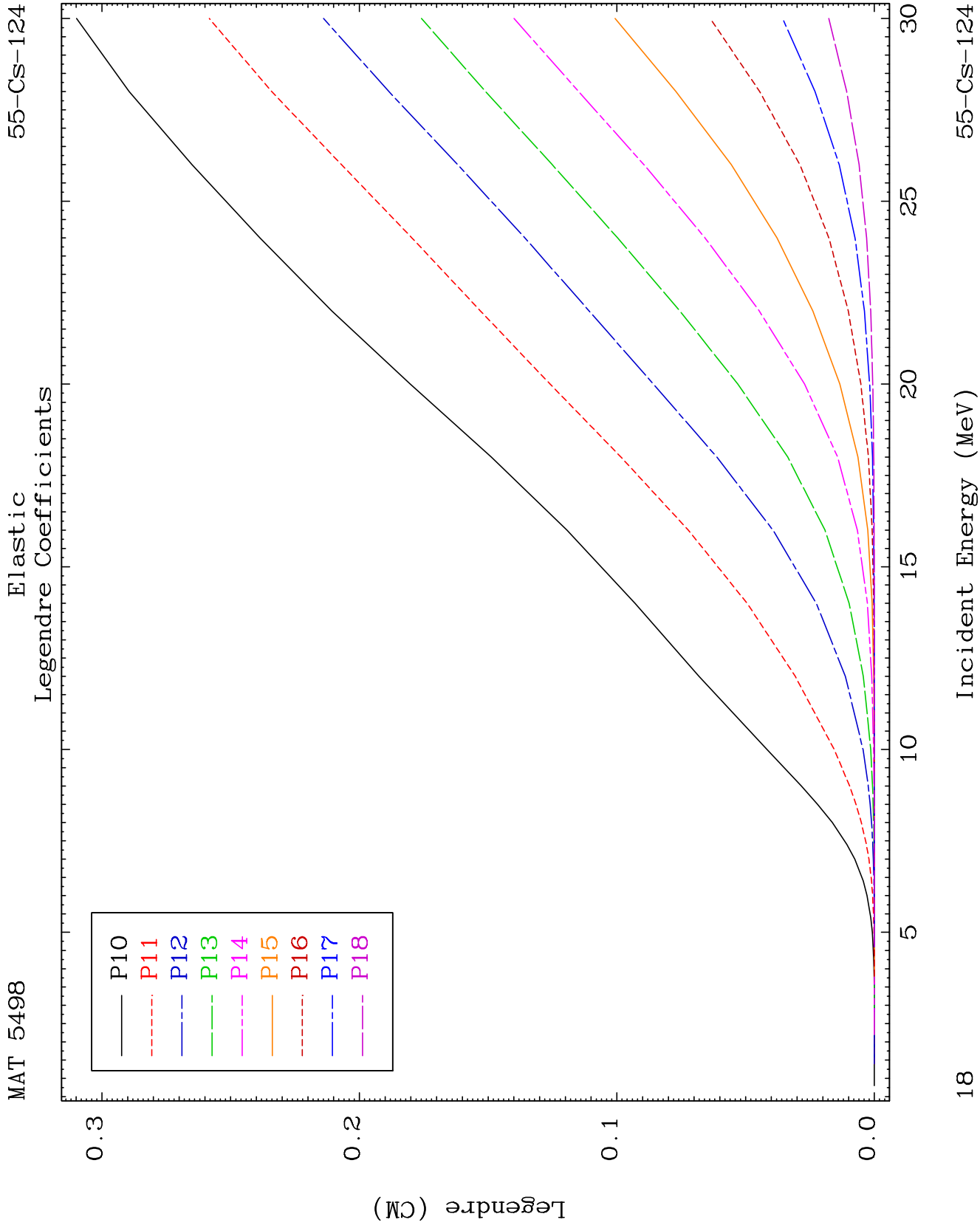


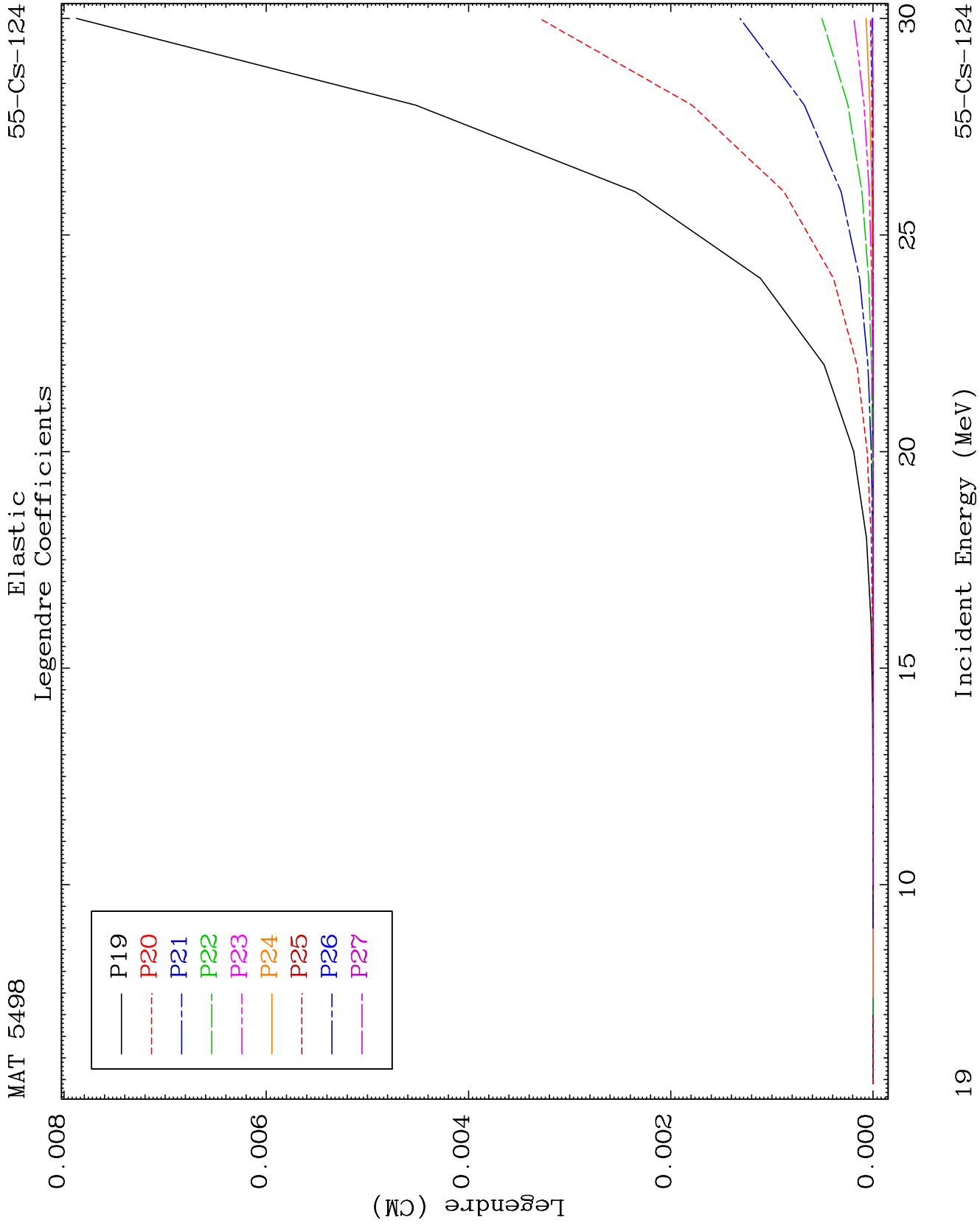
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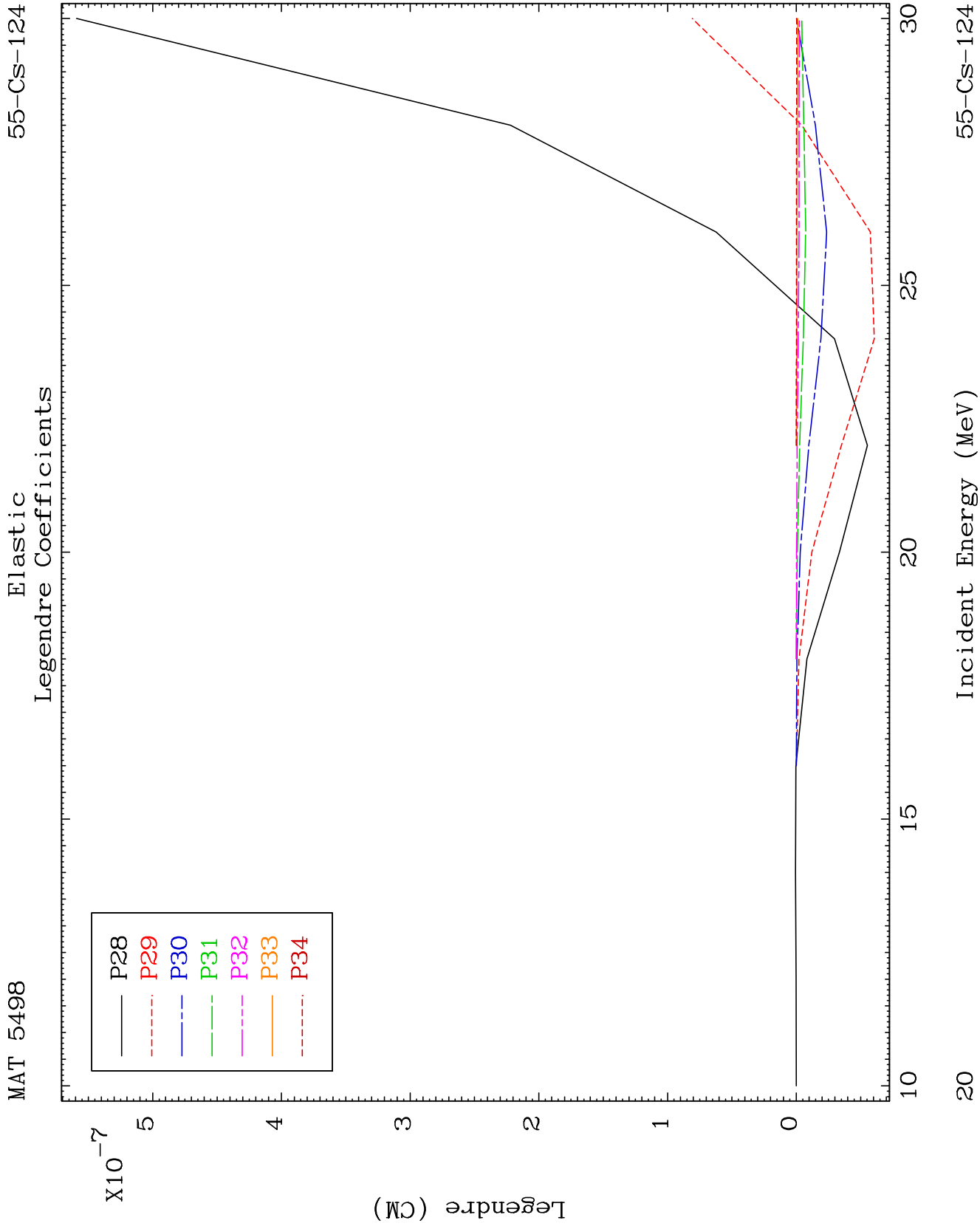
Incident Energy (MeV)

55-Cs-124





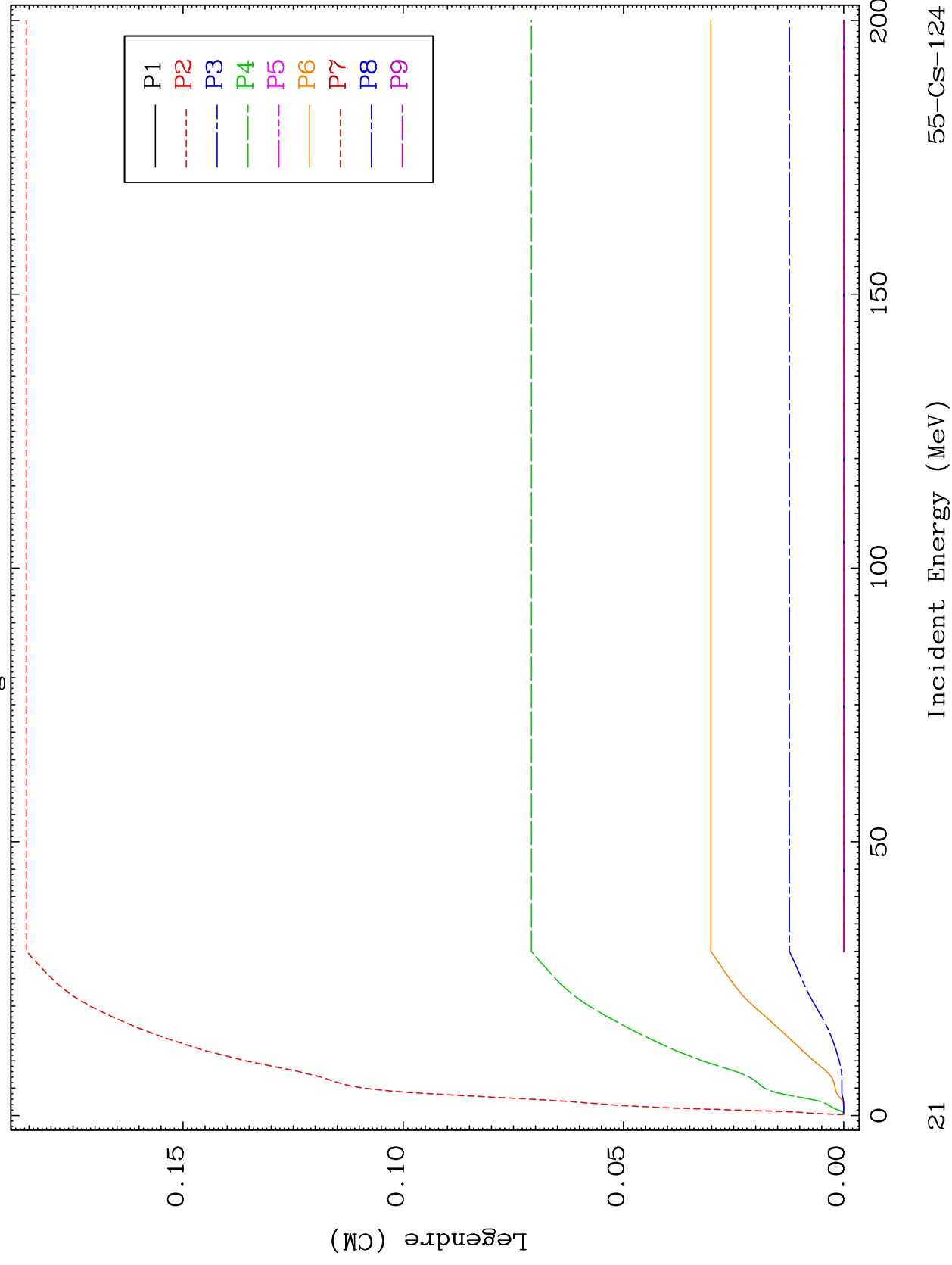


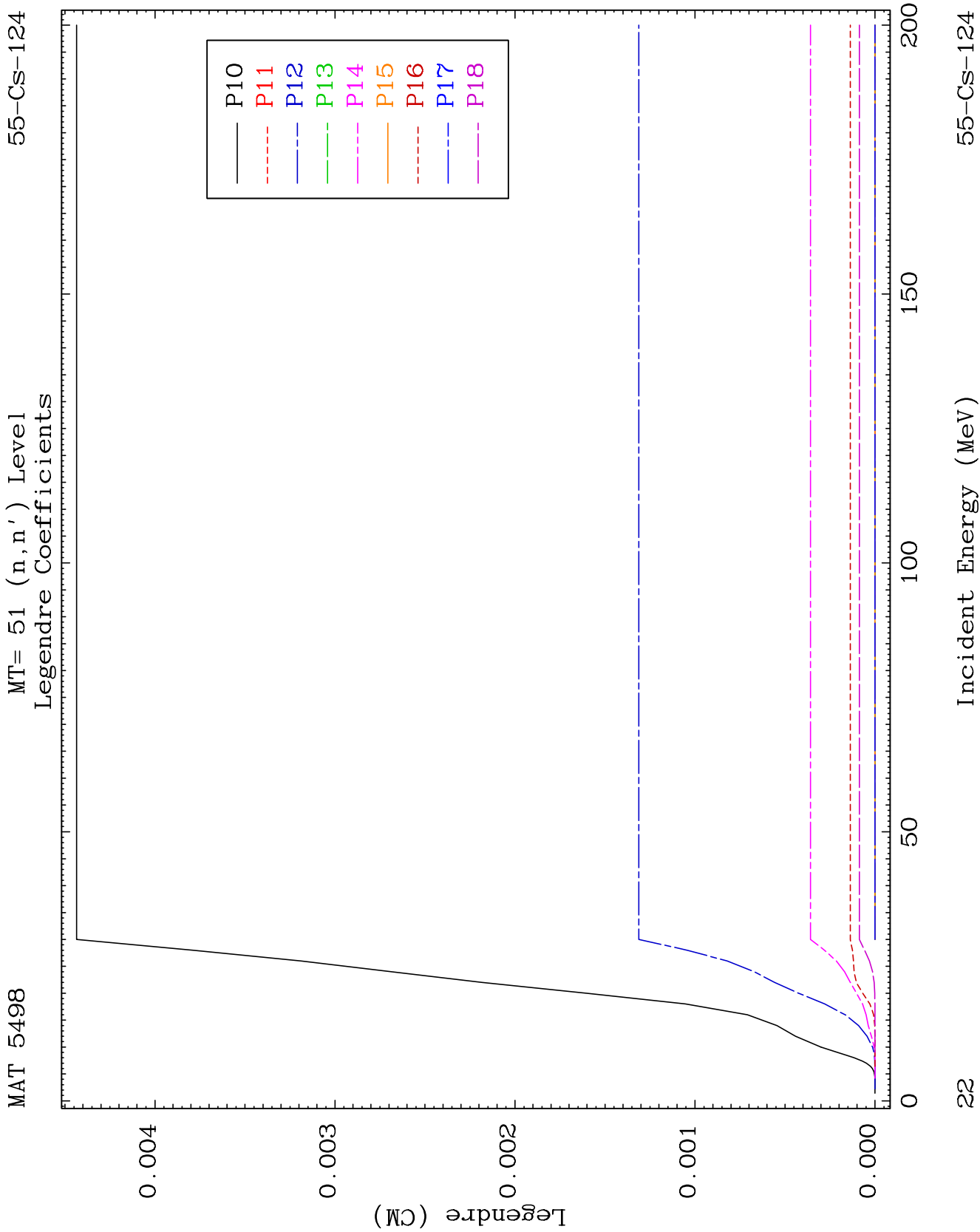


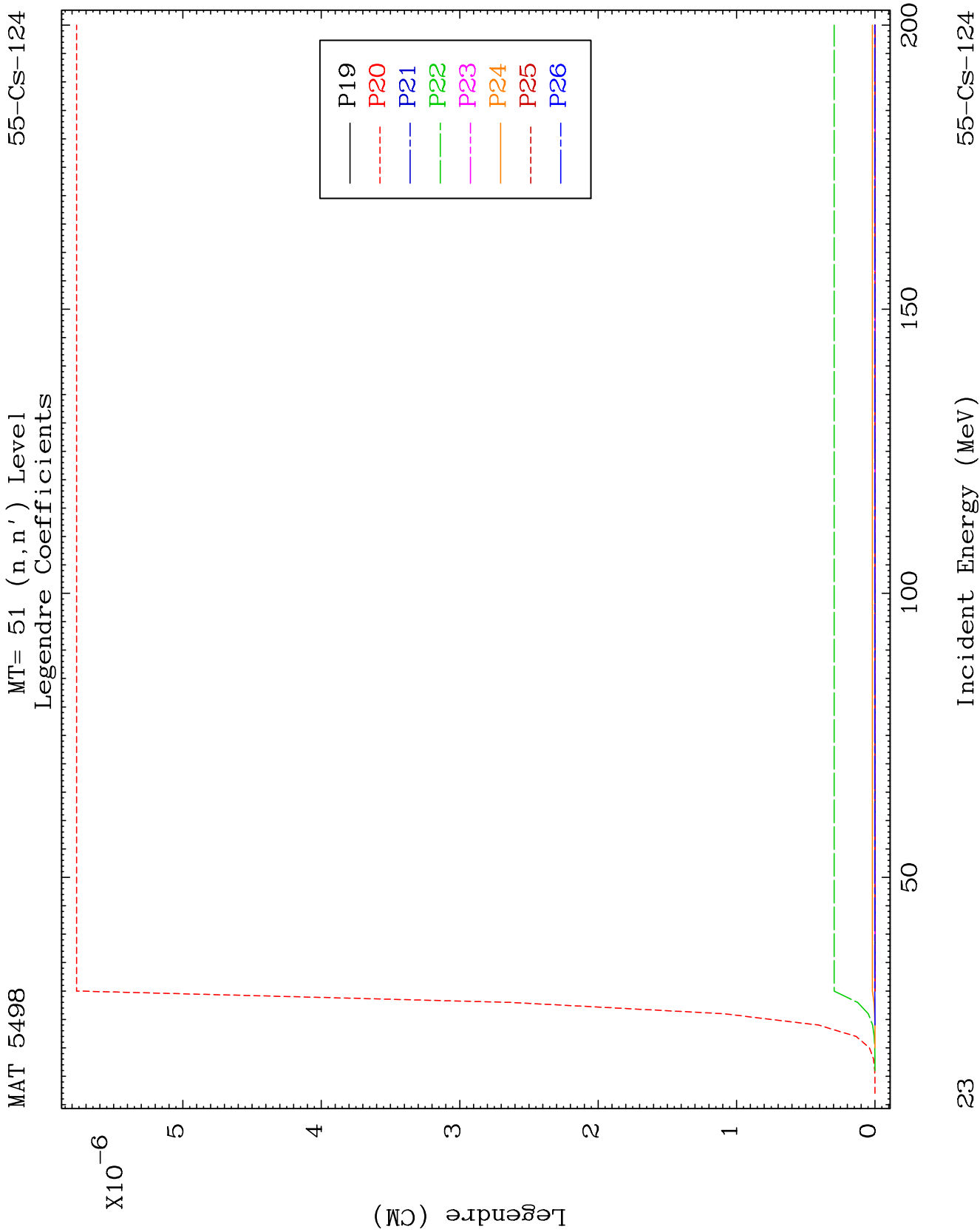
MAT 5498

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

55-CS-124



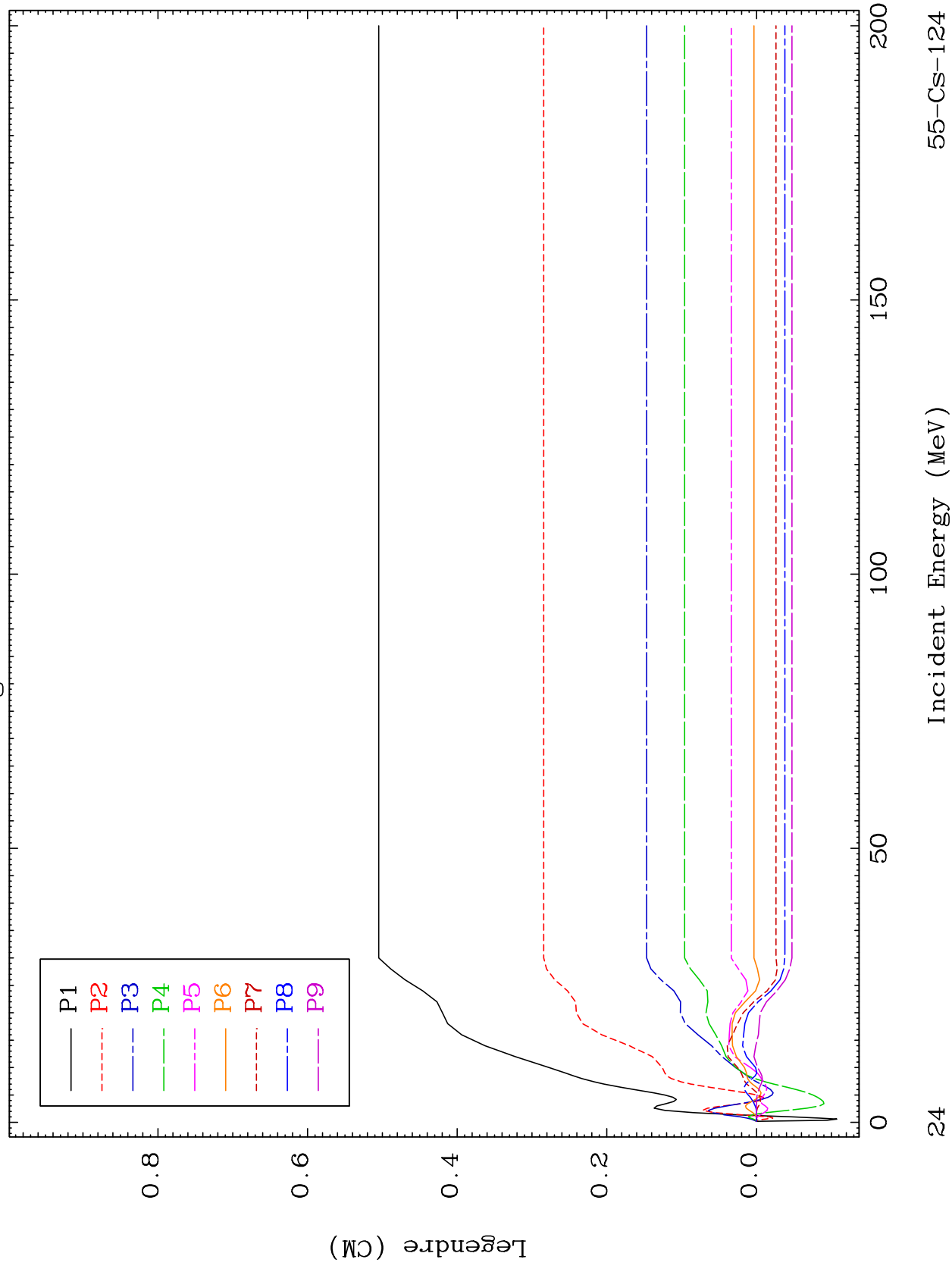


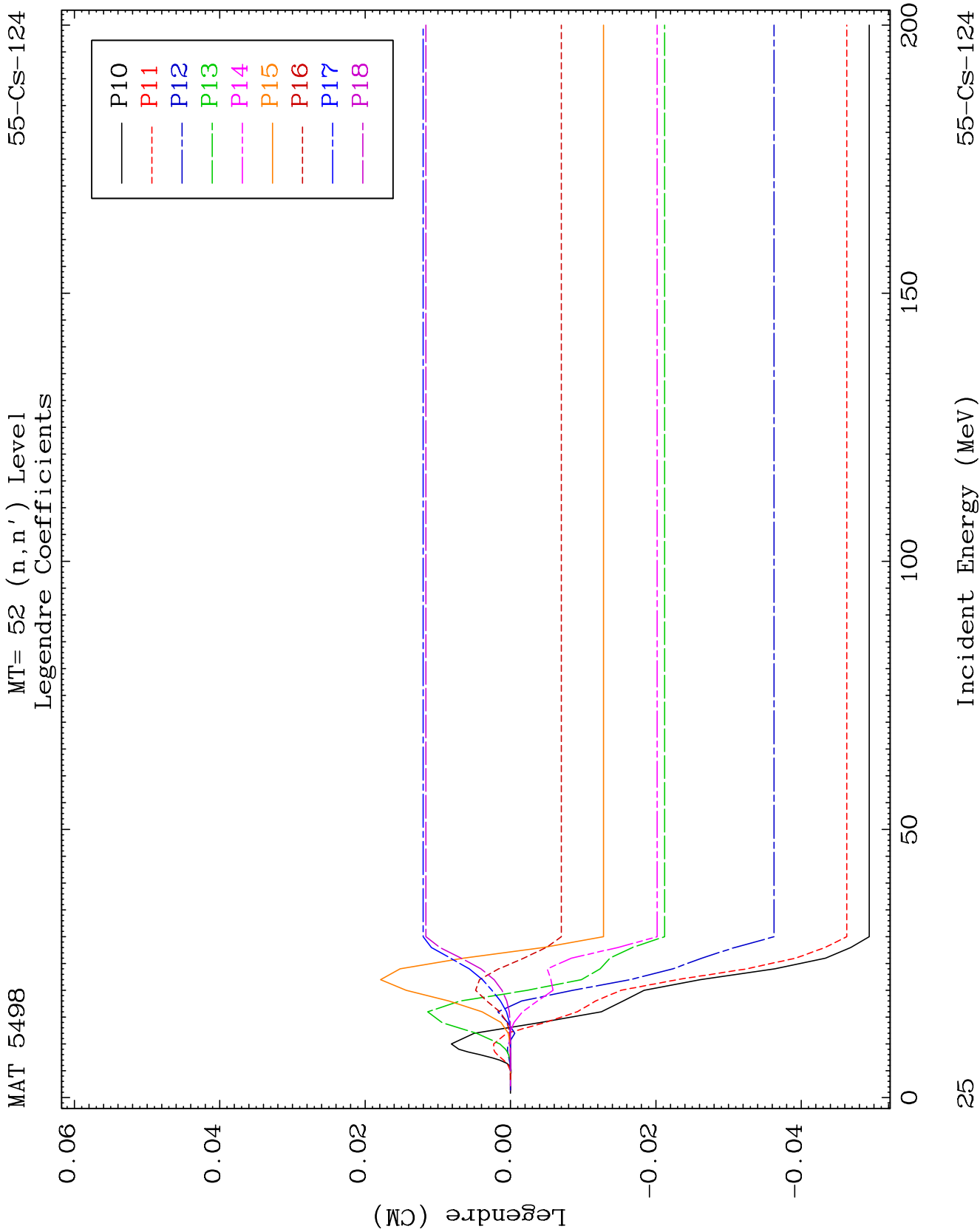


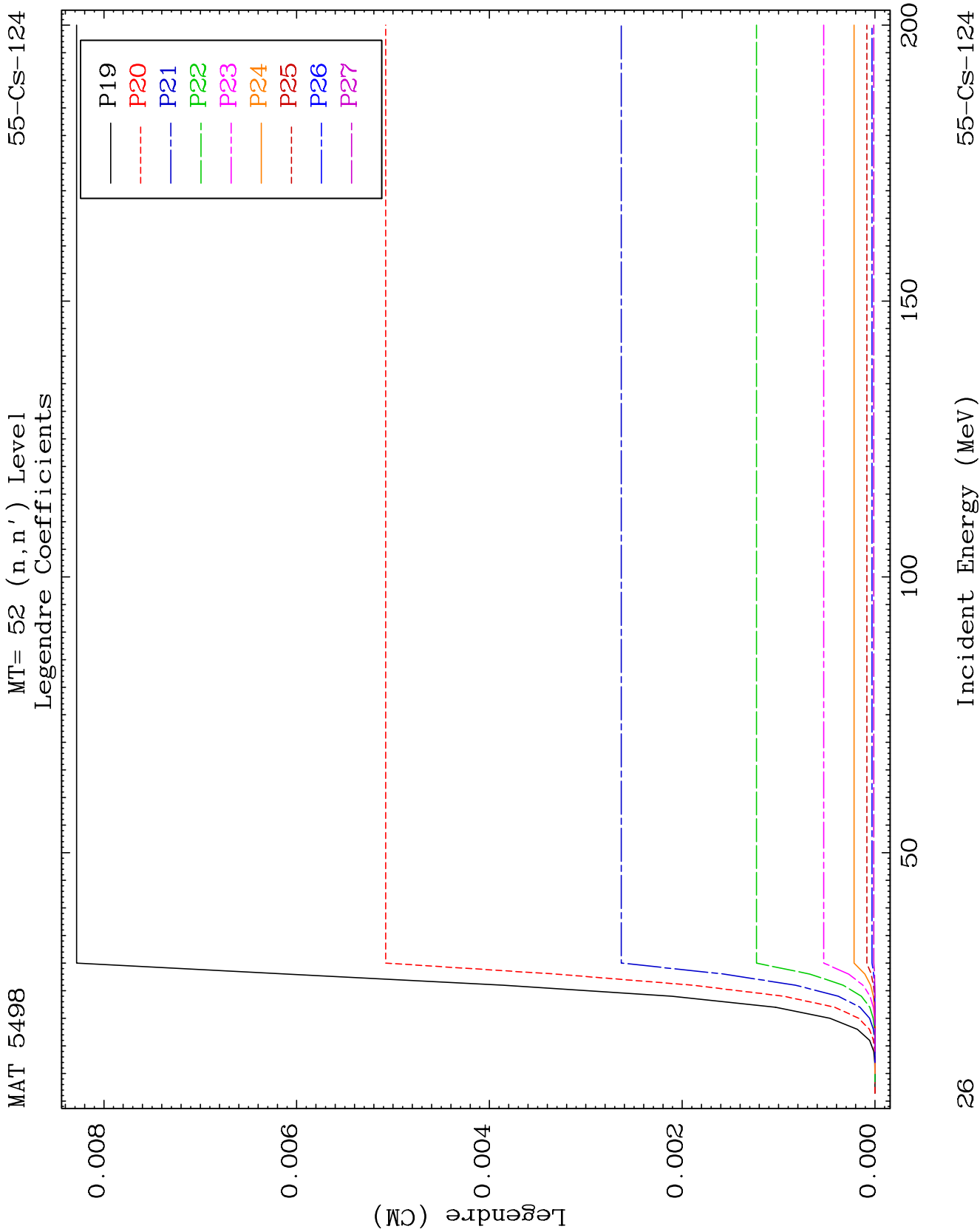
MAT 5498

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

55-Cs-124



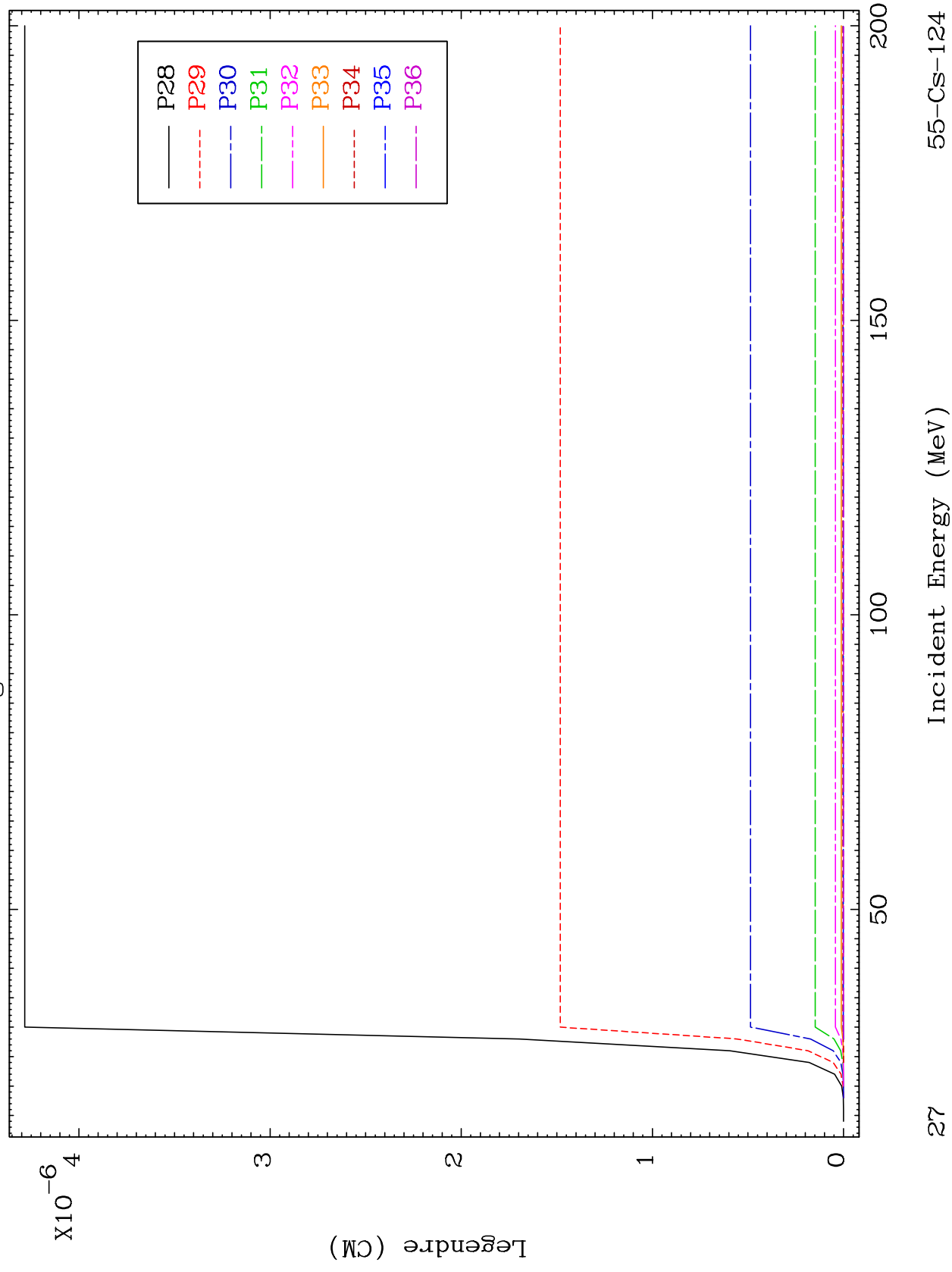




MAT 5498

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

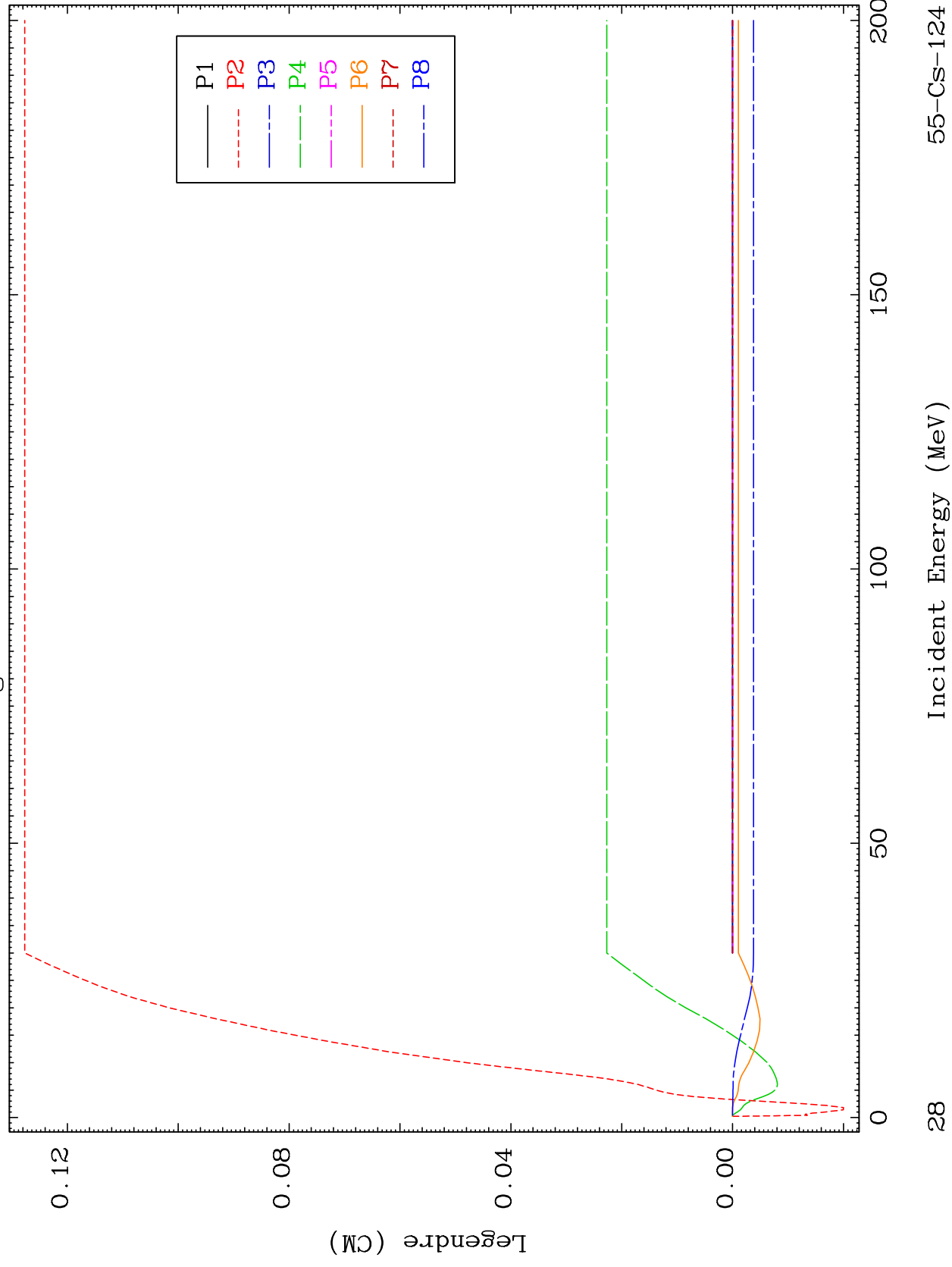
55-CS-124

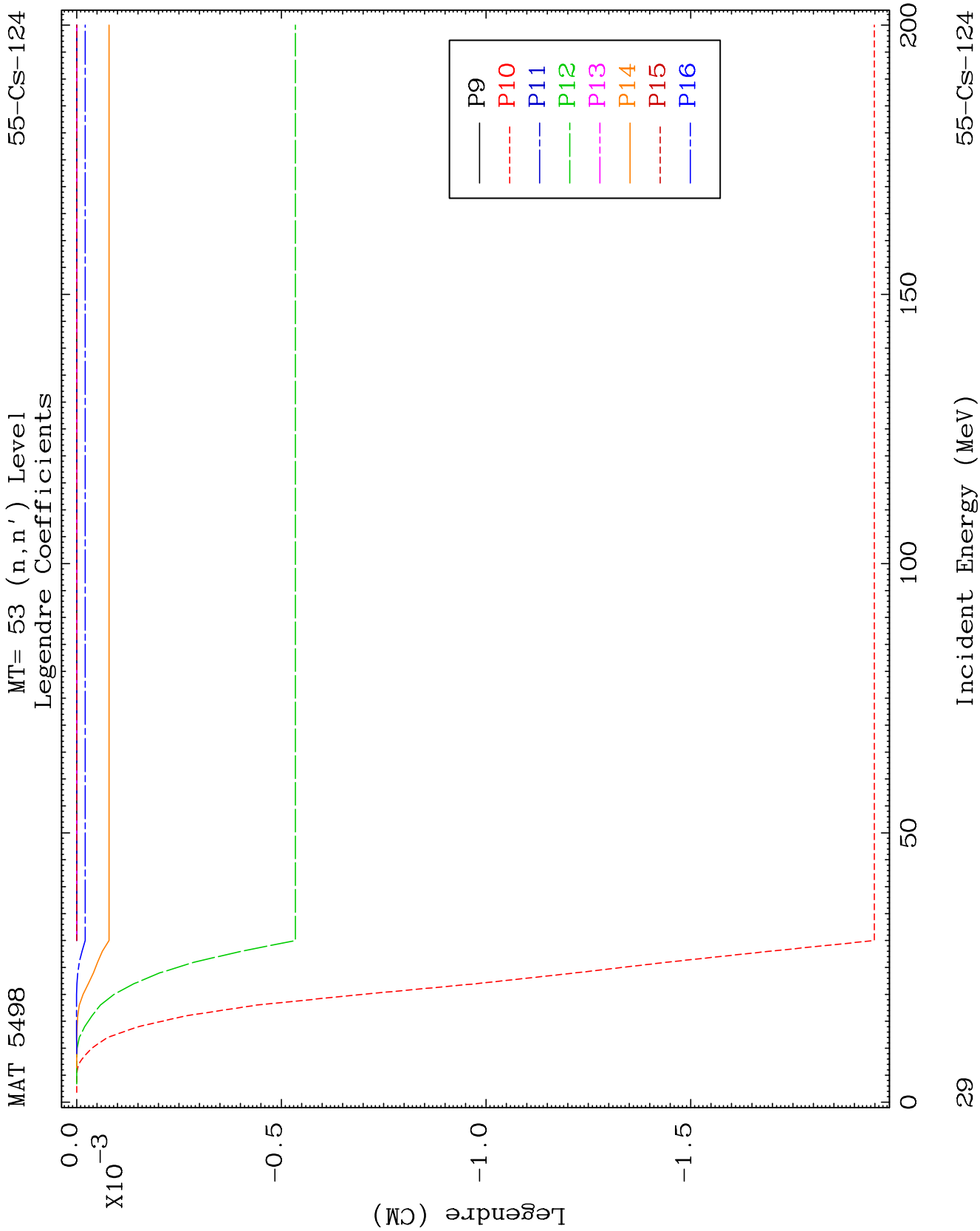


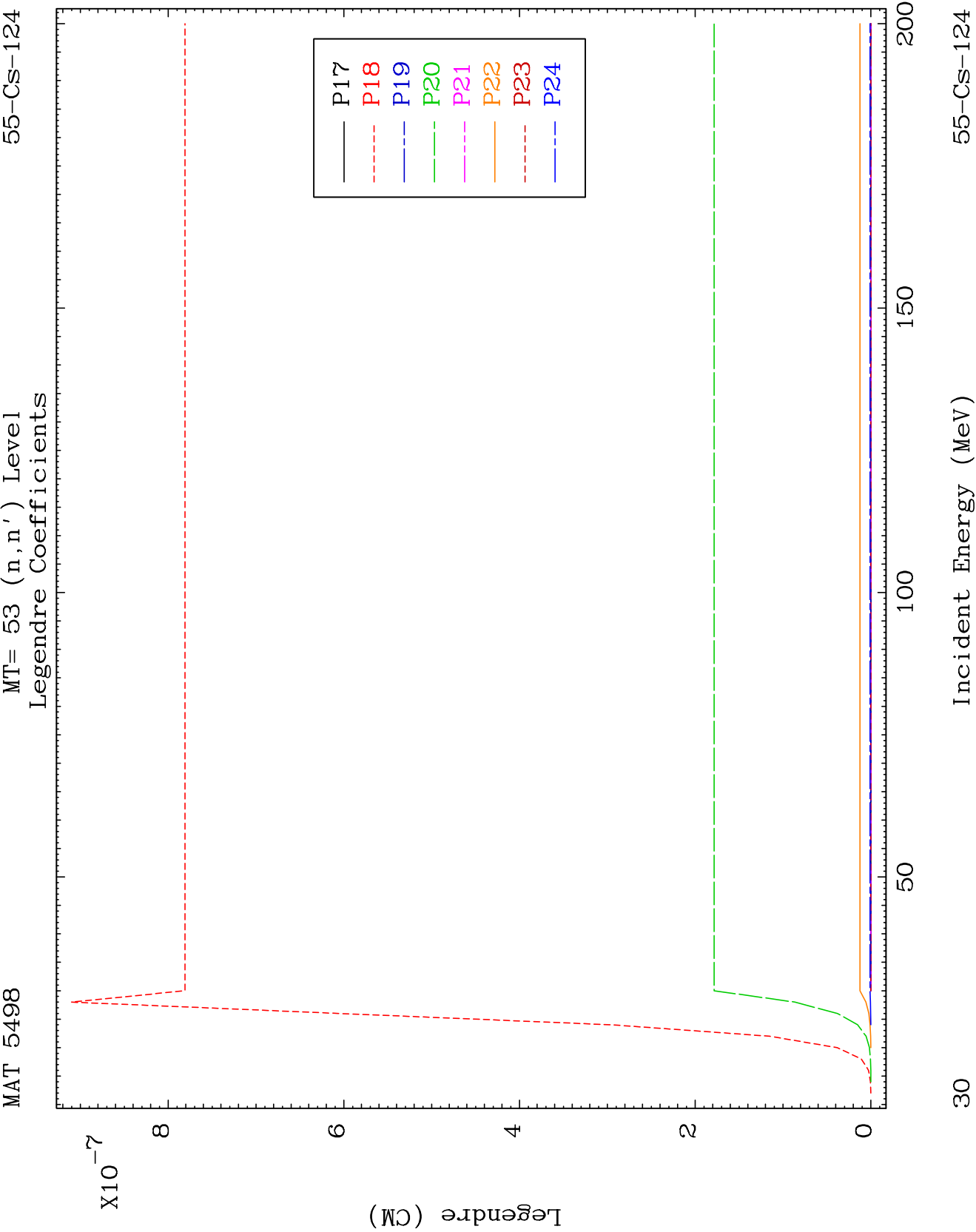
MAT 5498

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

55-CS-124



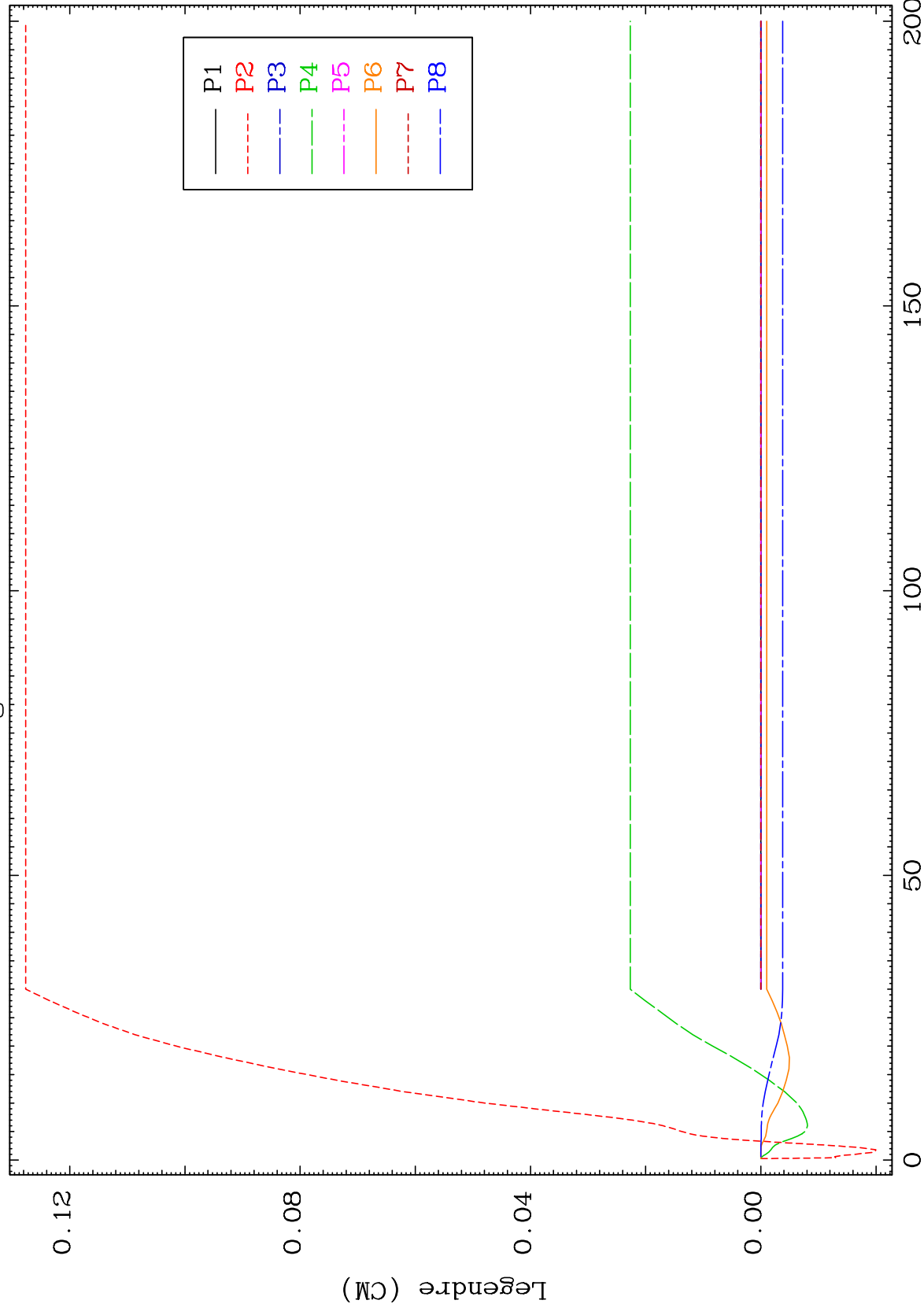




MAT 5498

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

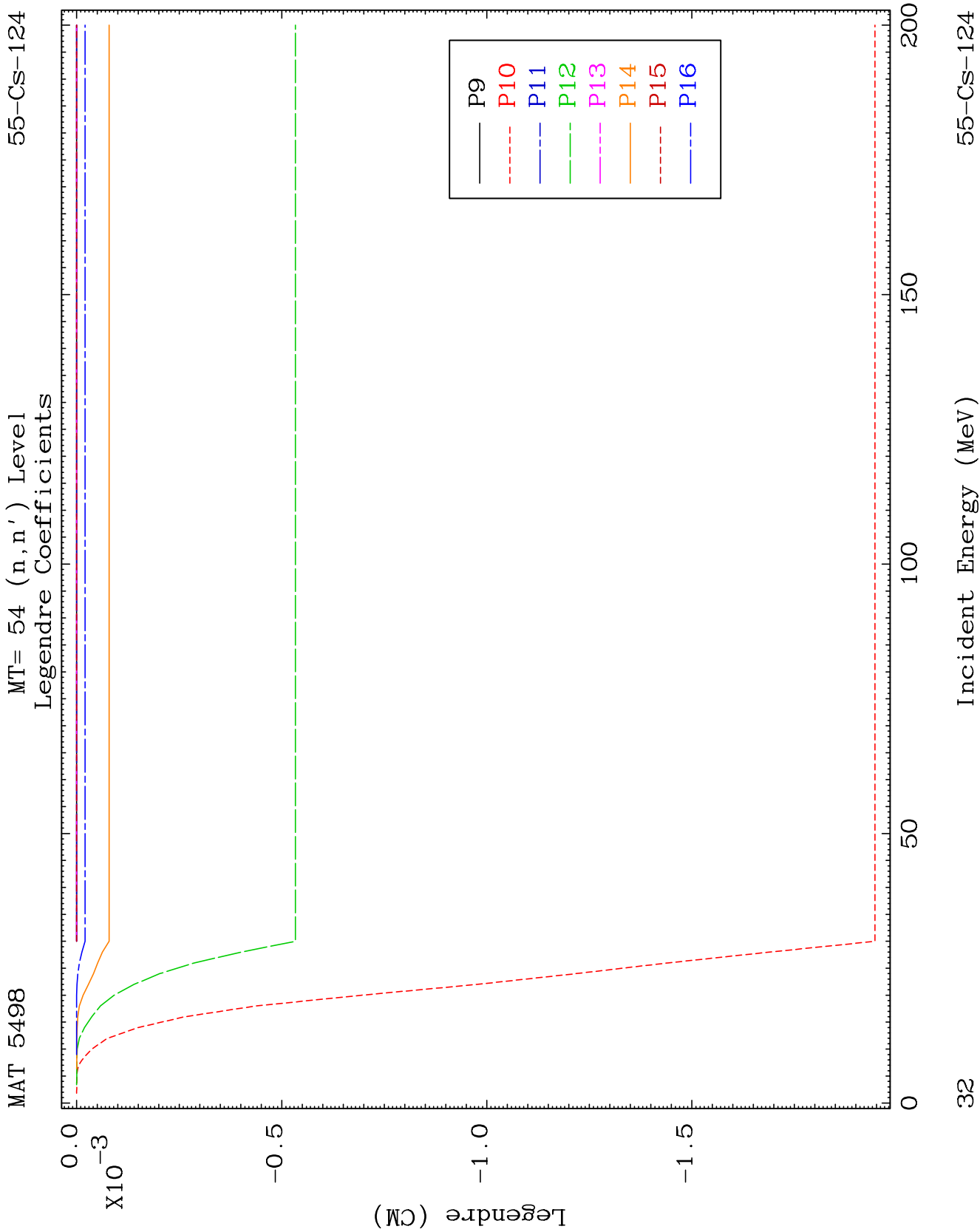
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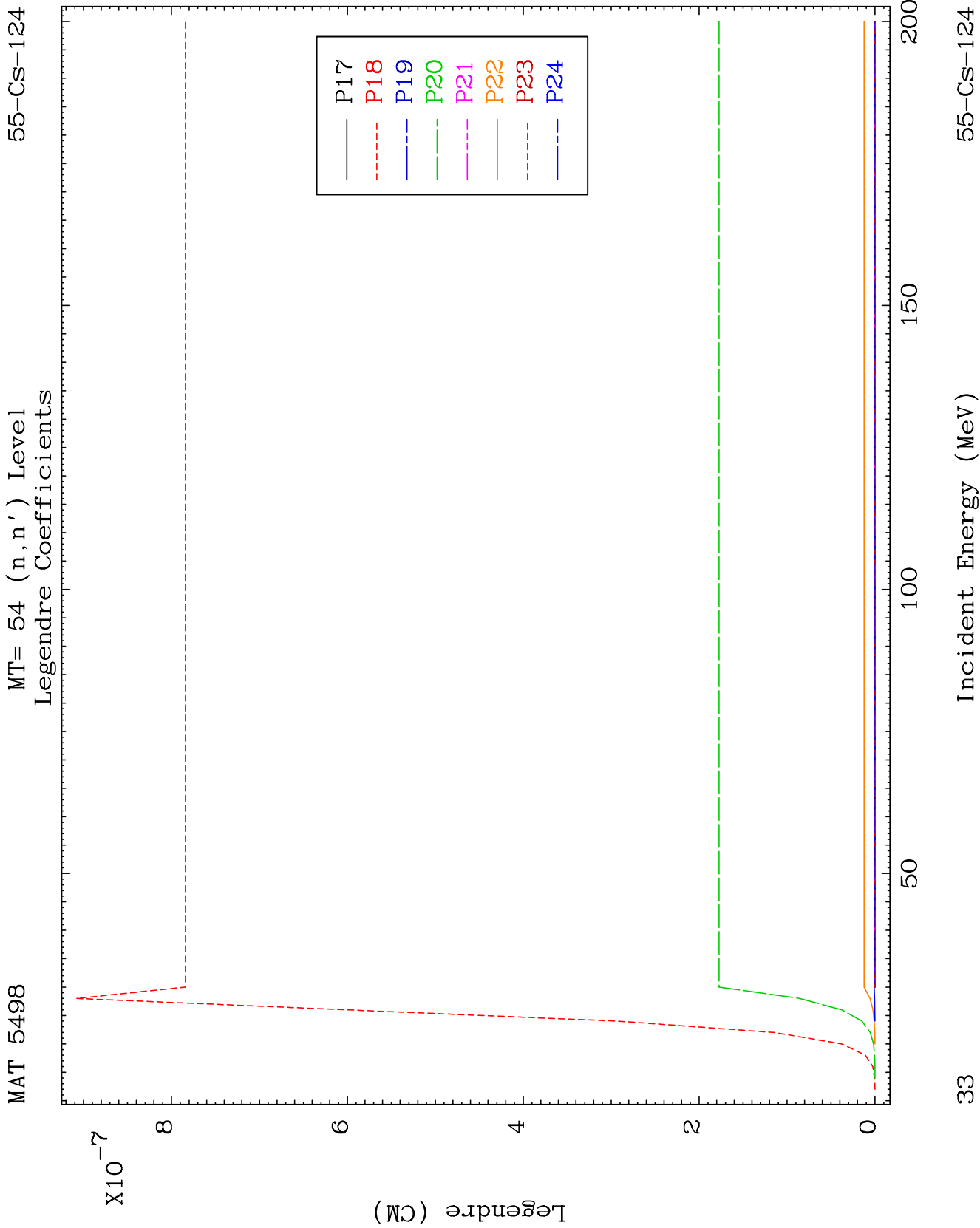


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Incident Energy (MeV)

55-Cs-124

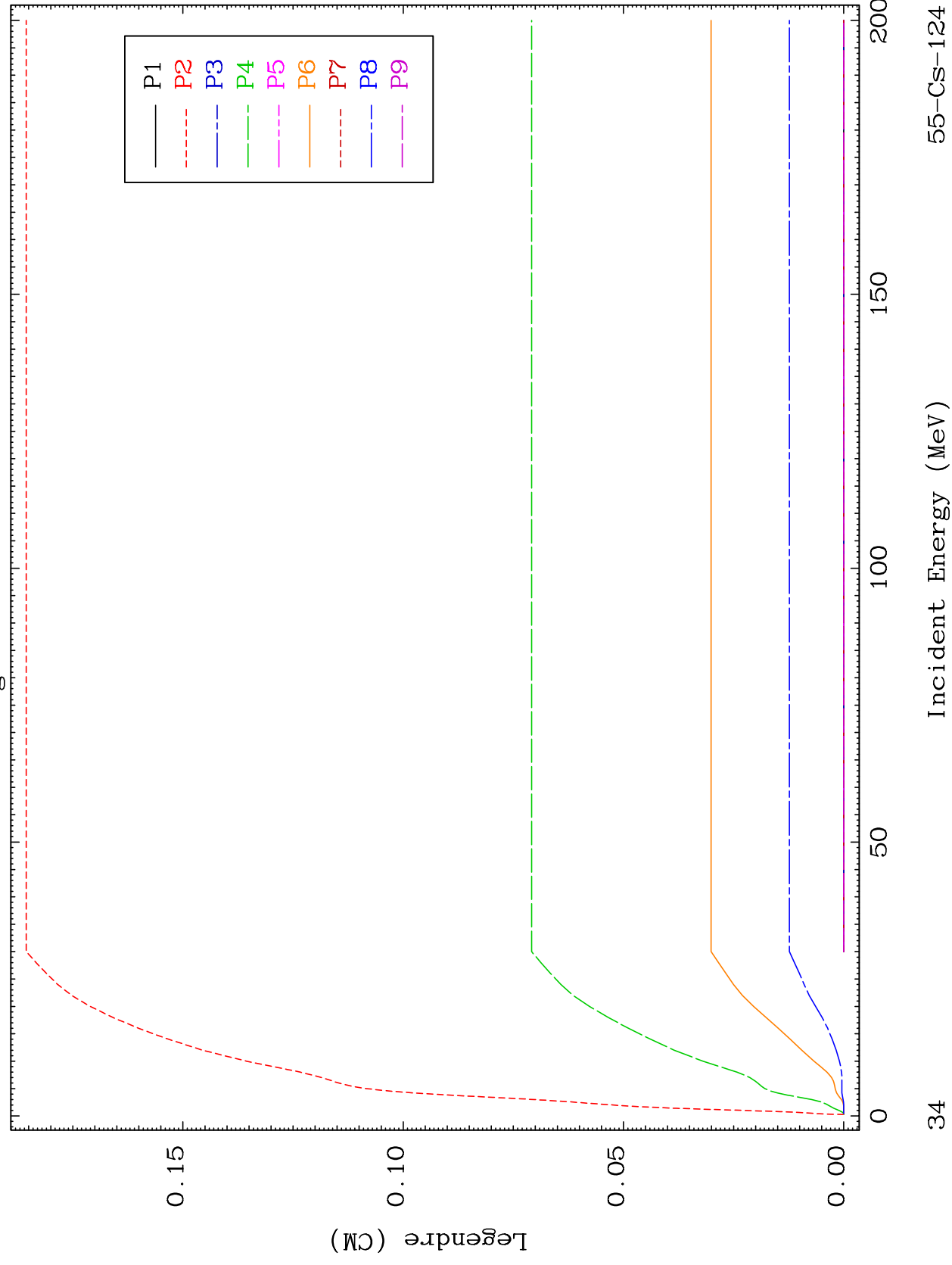




MAT 5498

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

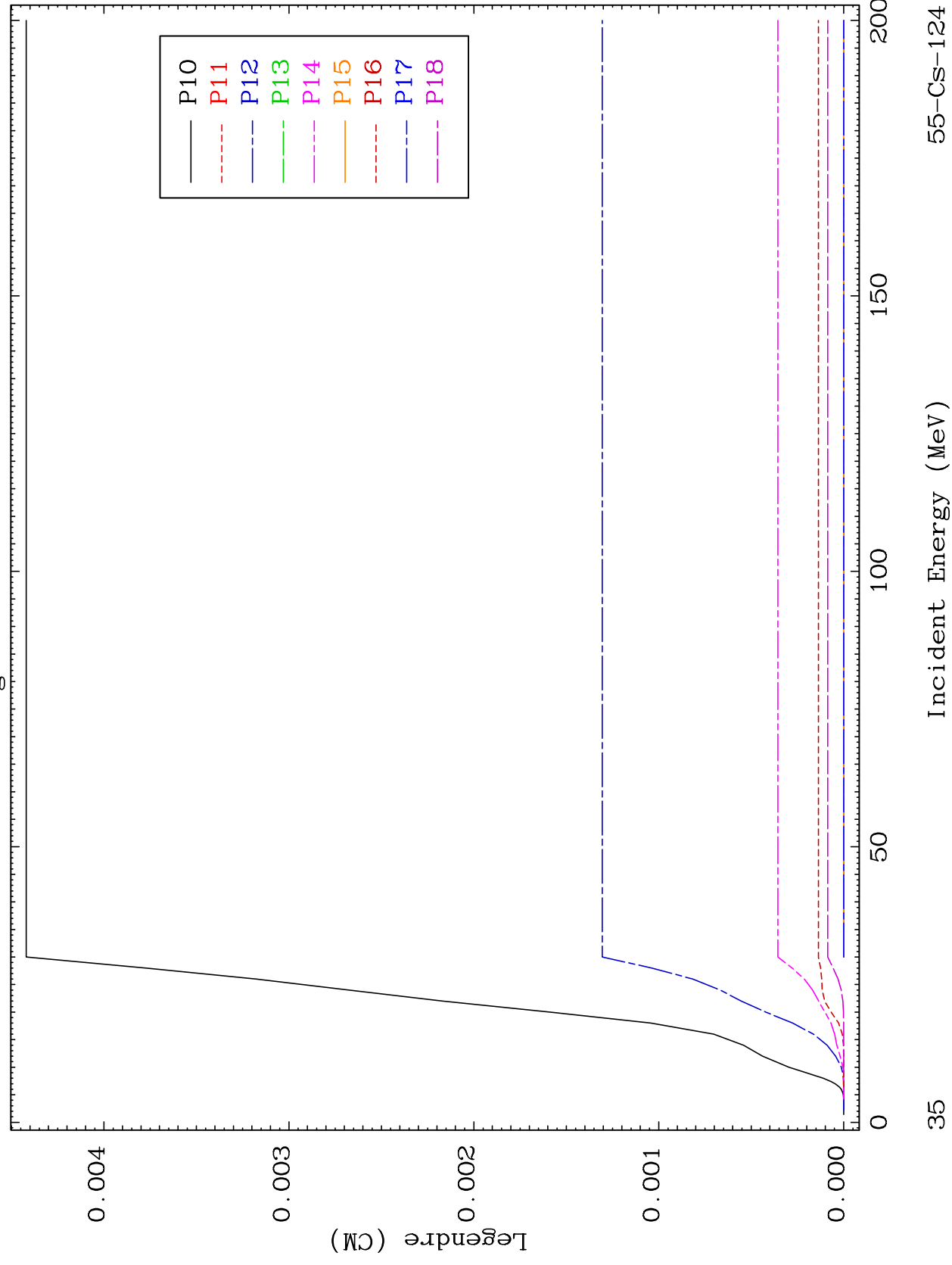
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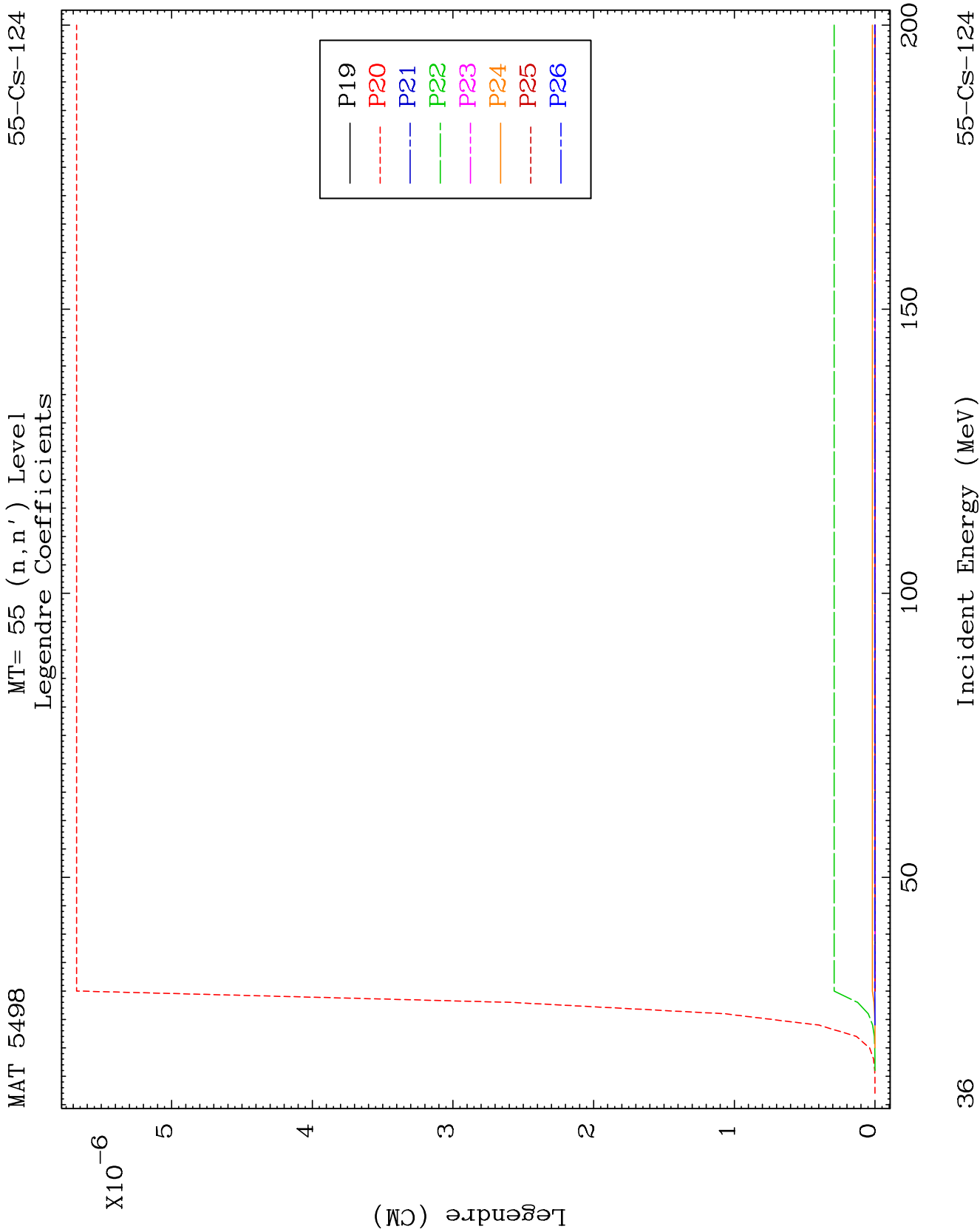


MAT 5498

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

55-Cs-124

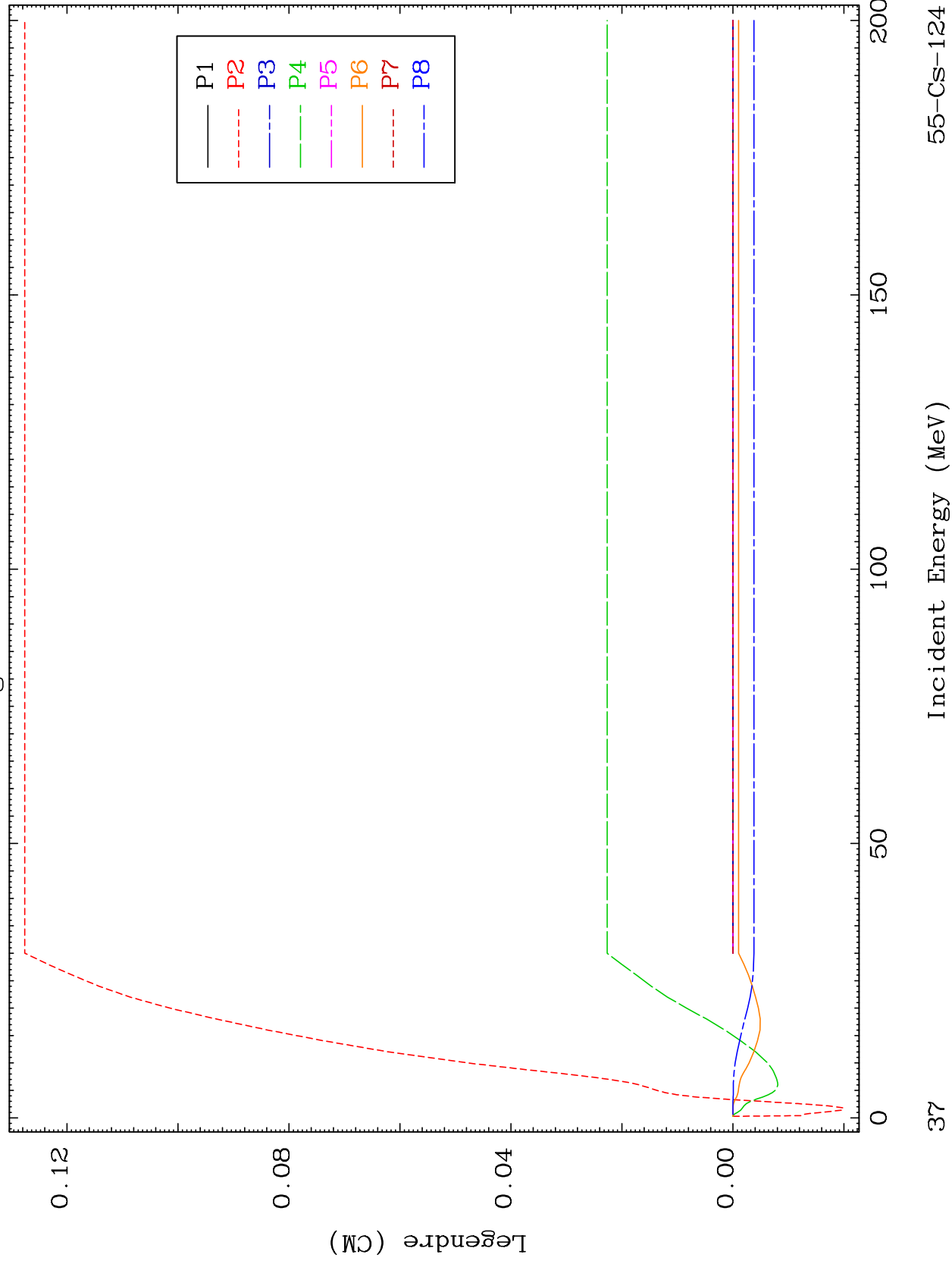


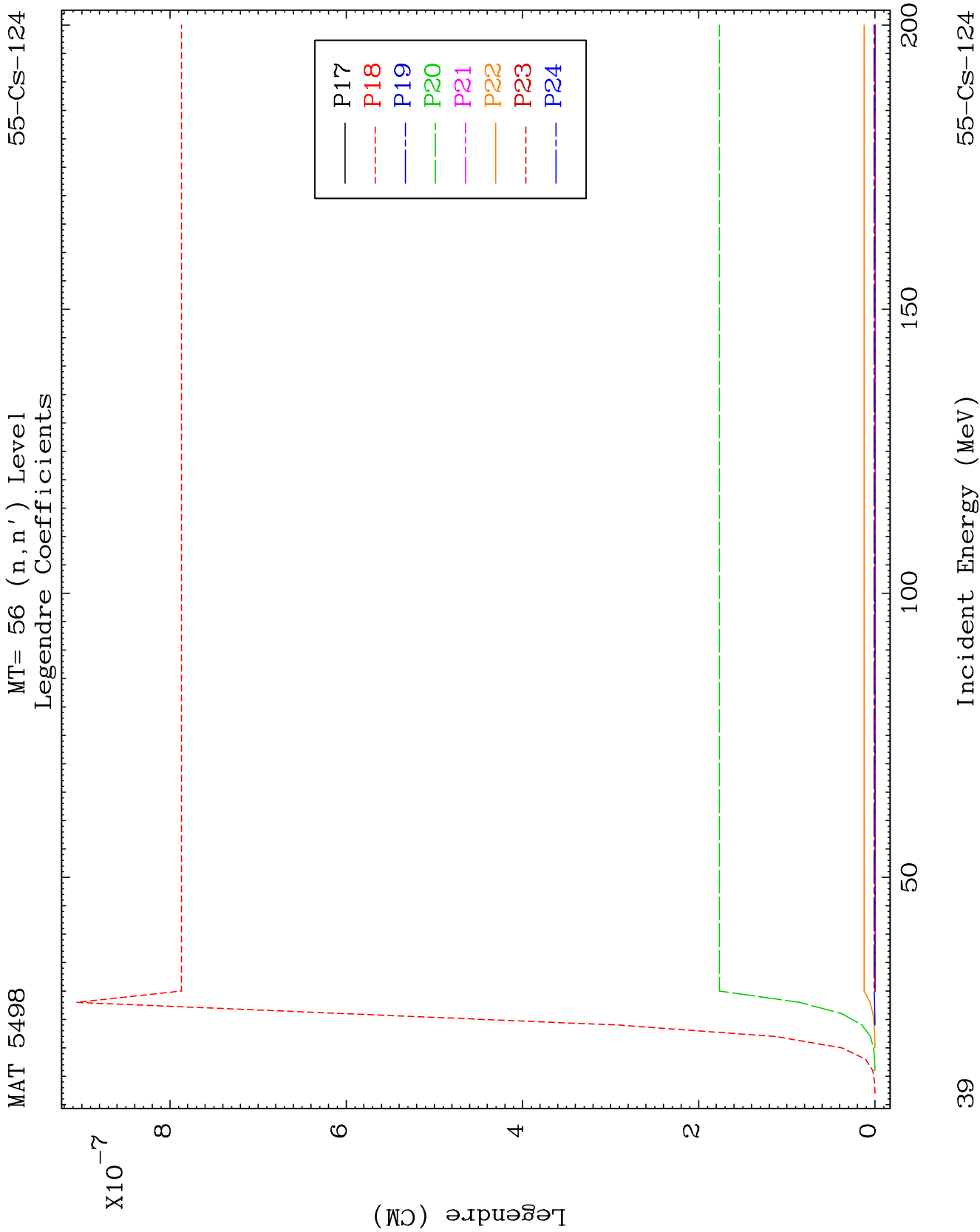


MAT 5498

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

55-CS-124

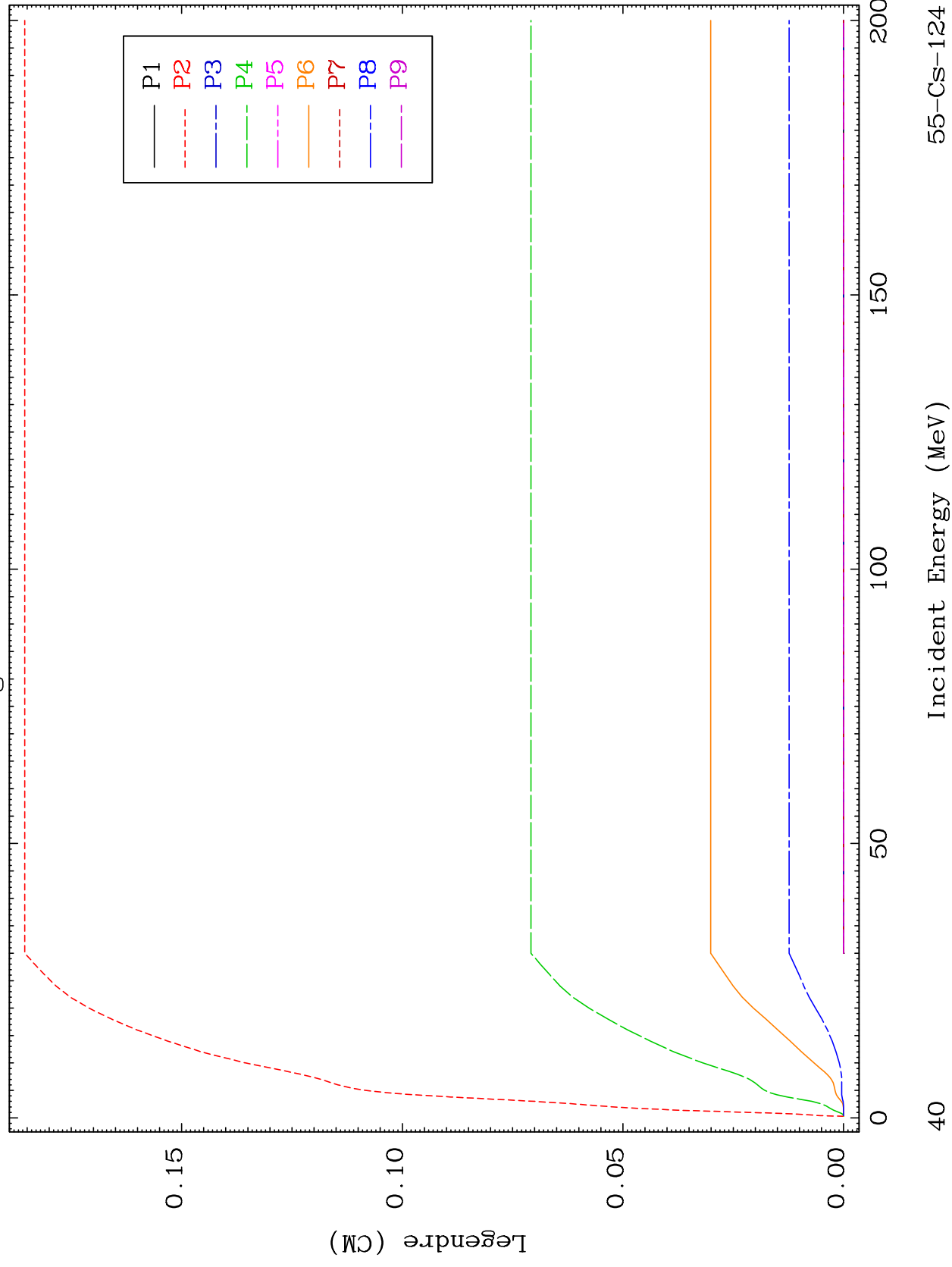


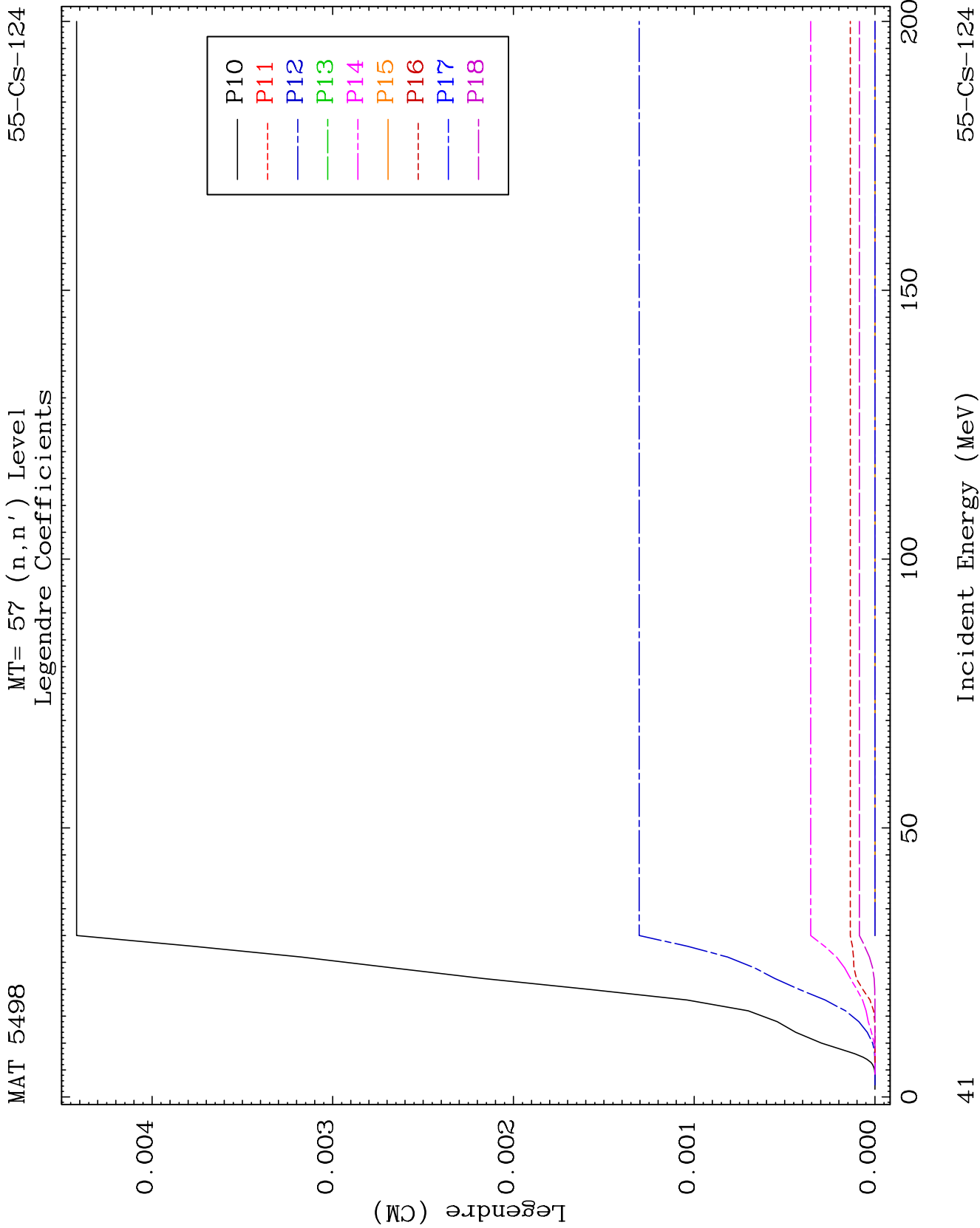


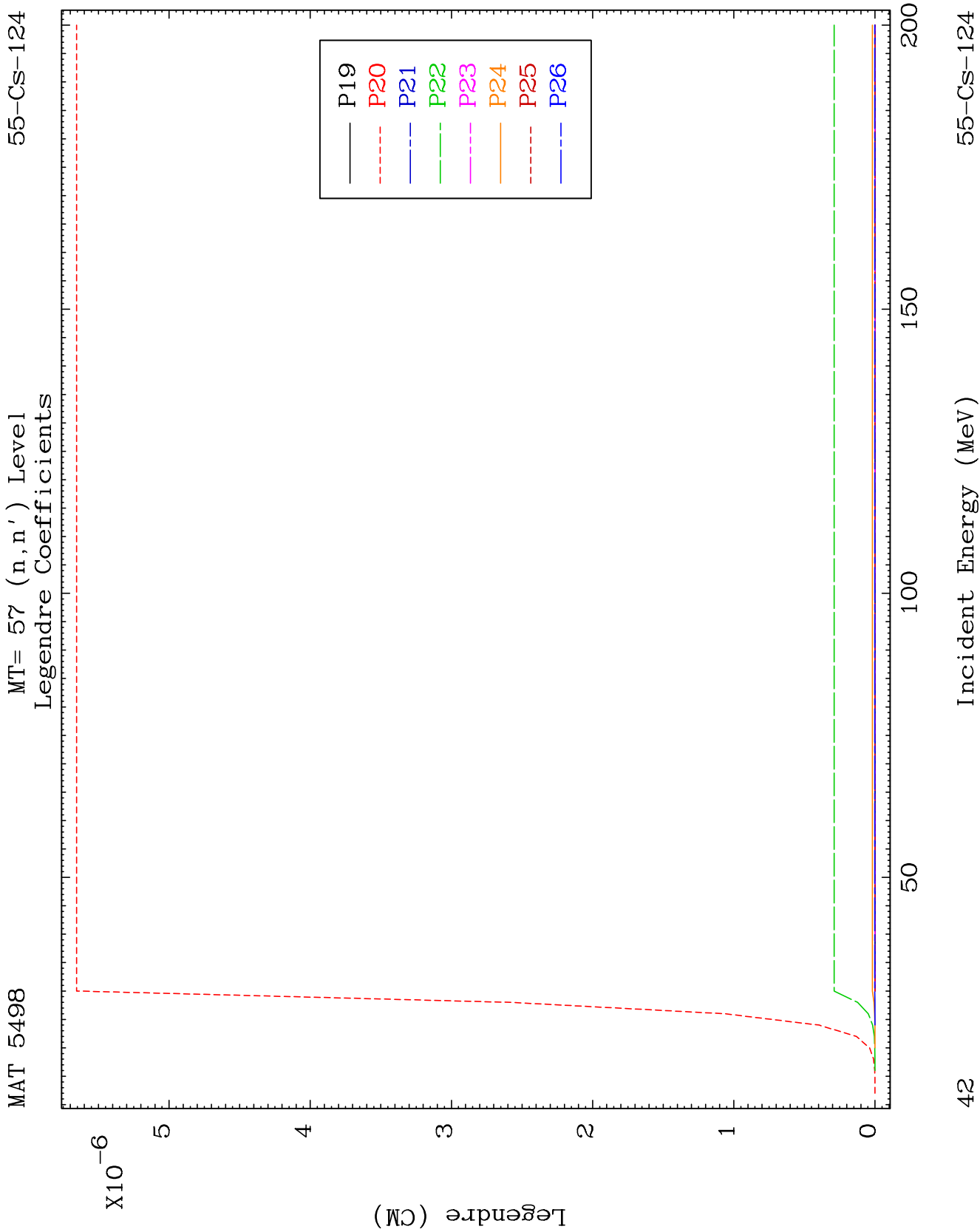
MAT 5498

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

55-CS-124



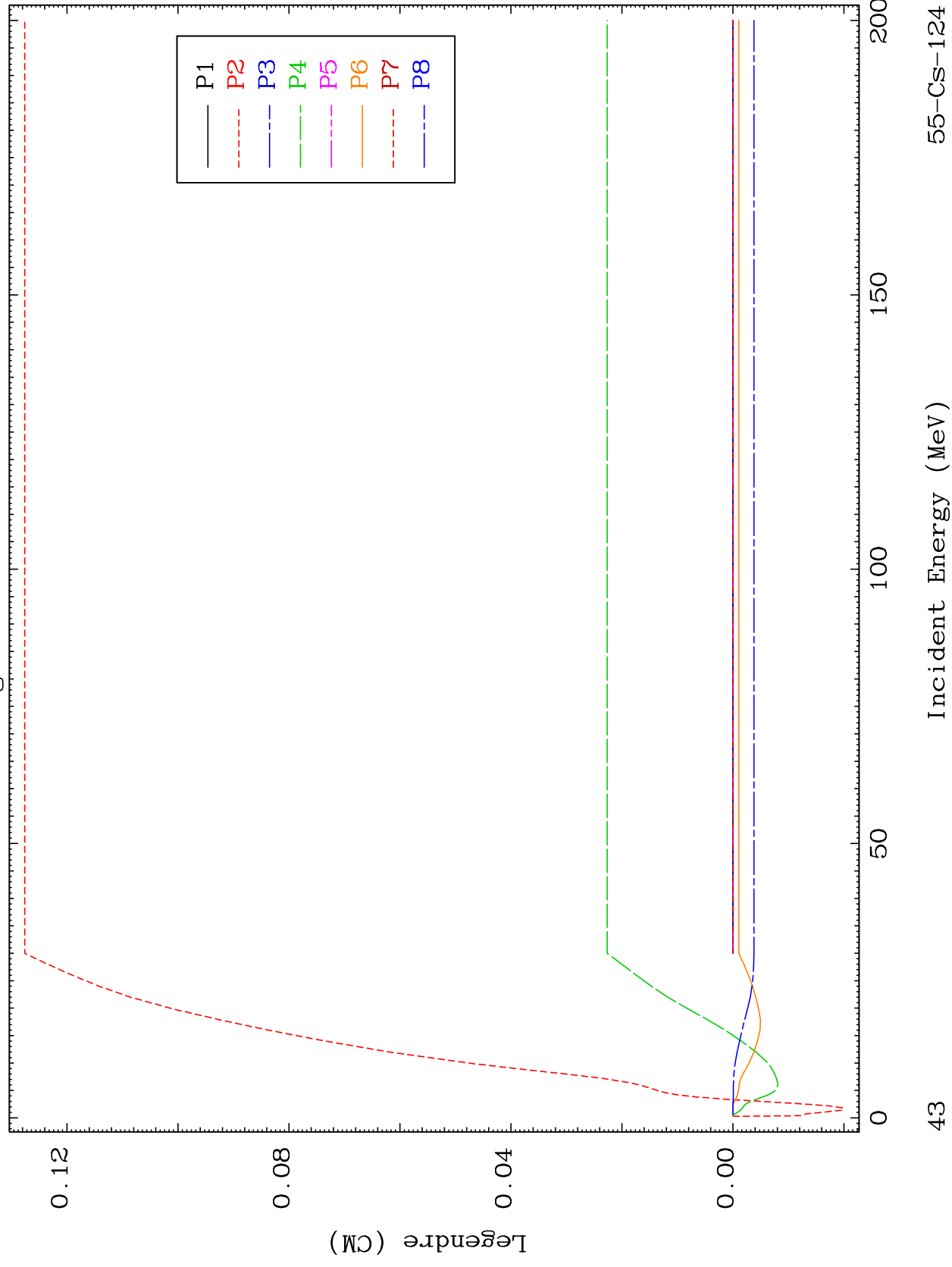


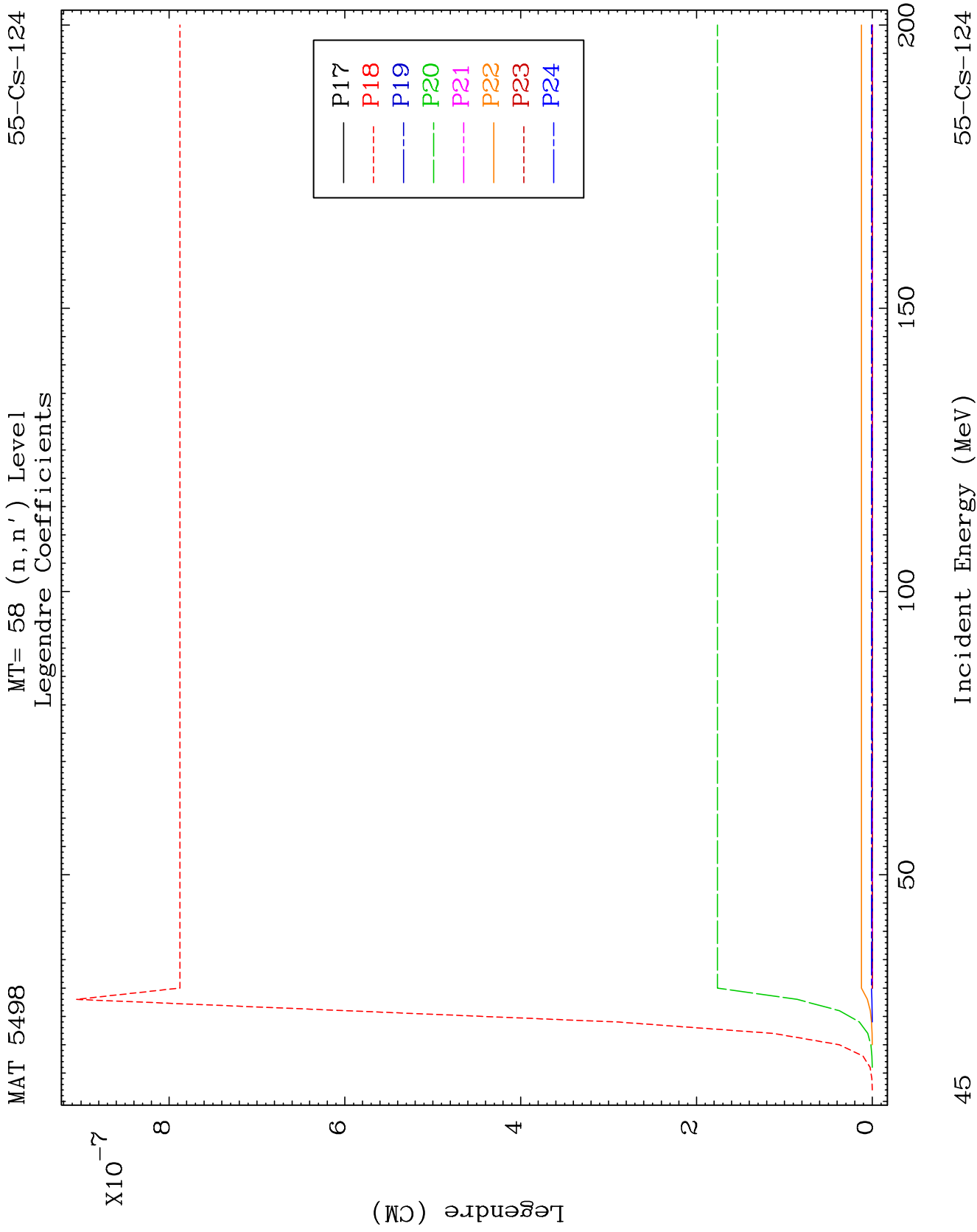


MAT 5498

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

55-CS-124

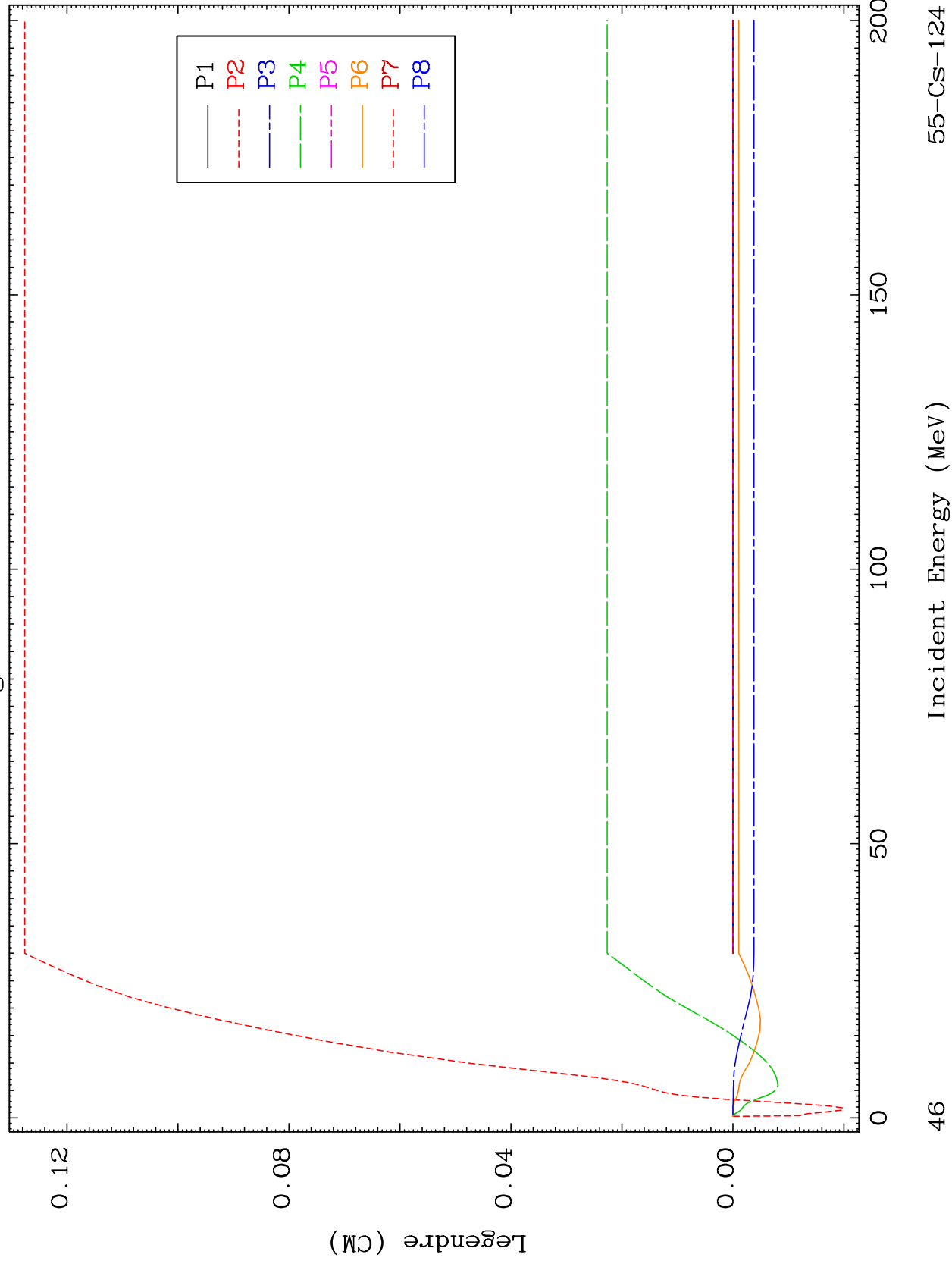


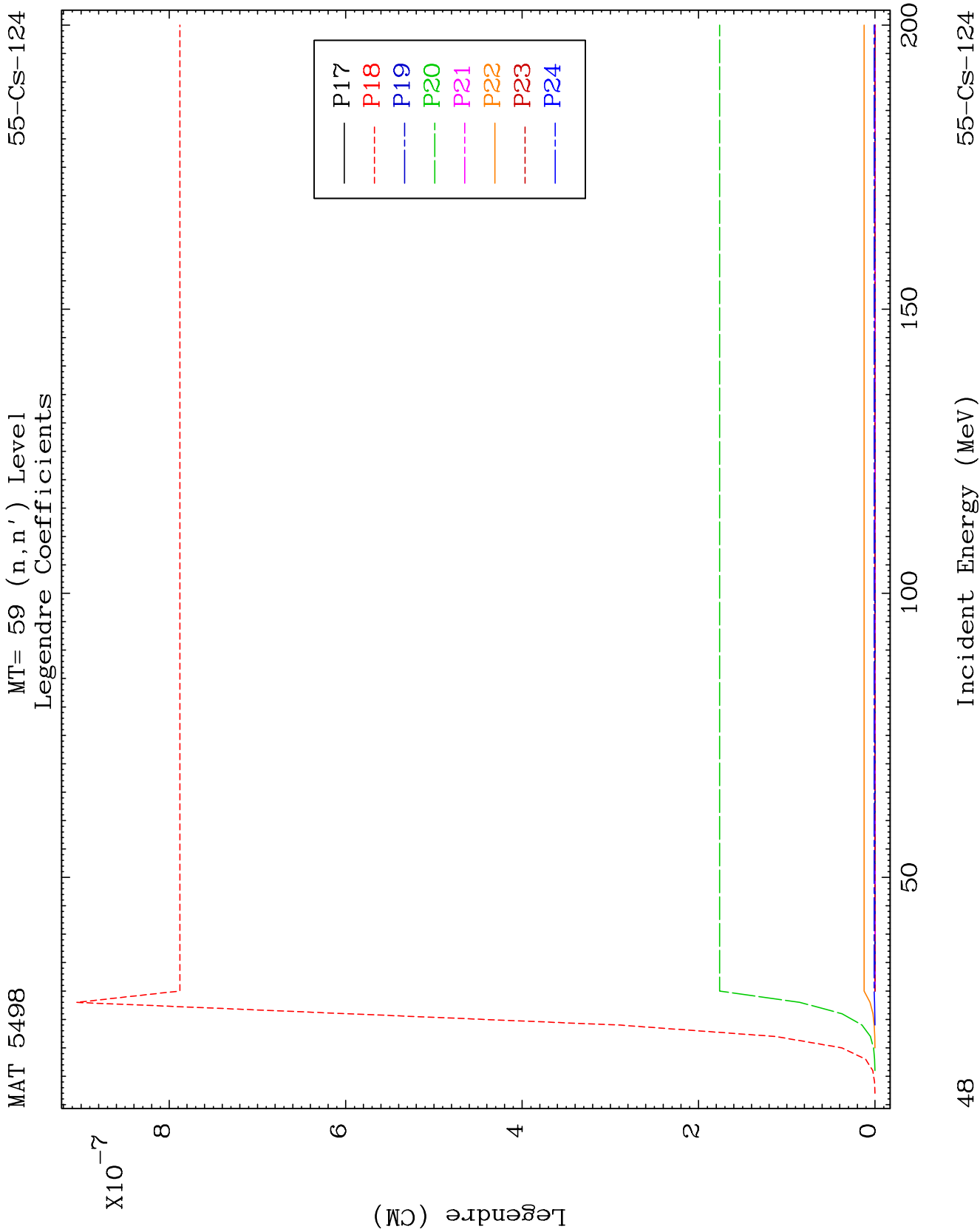


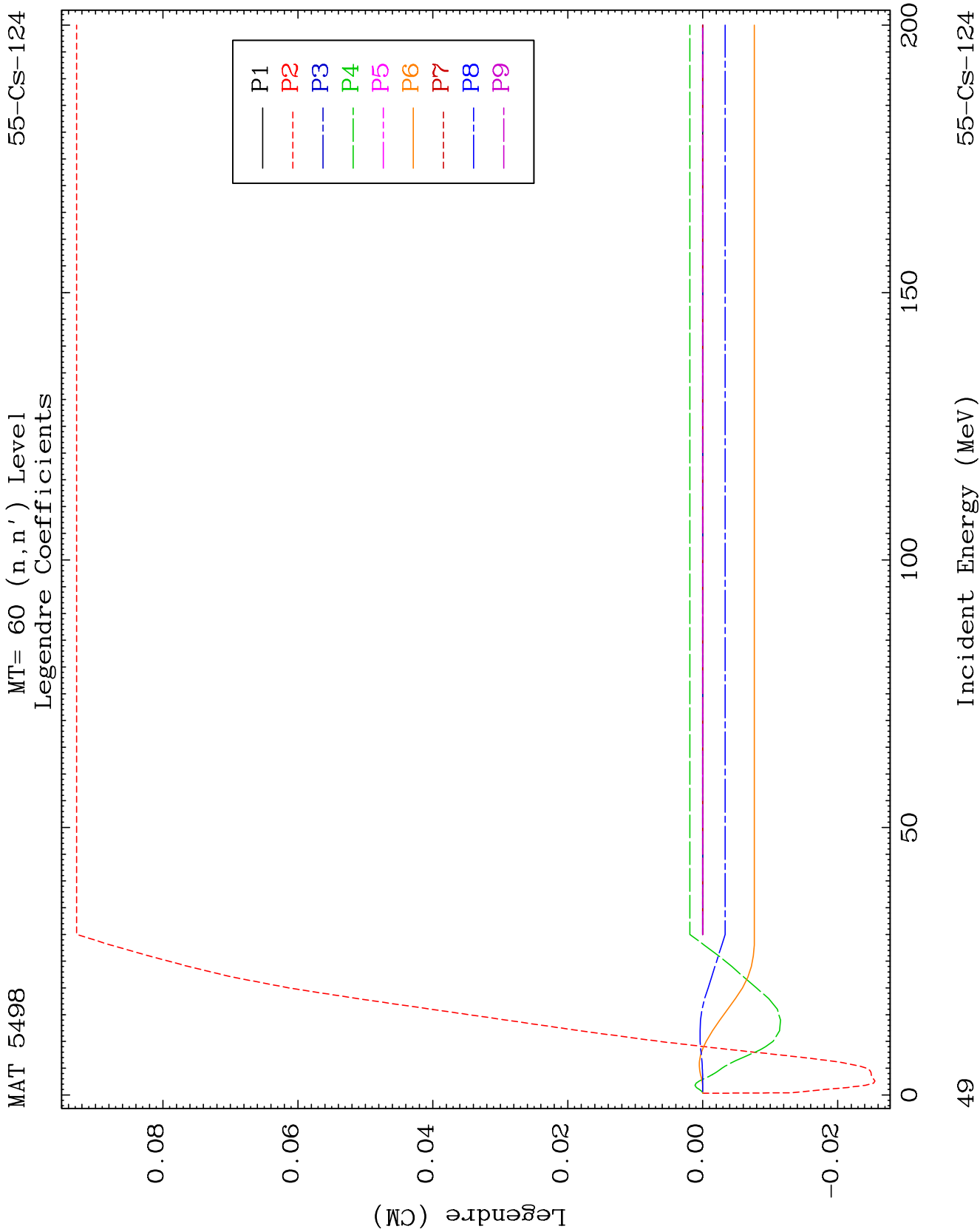
MAT 5498

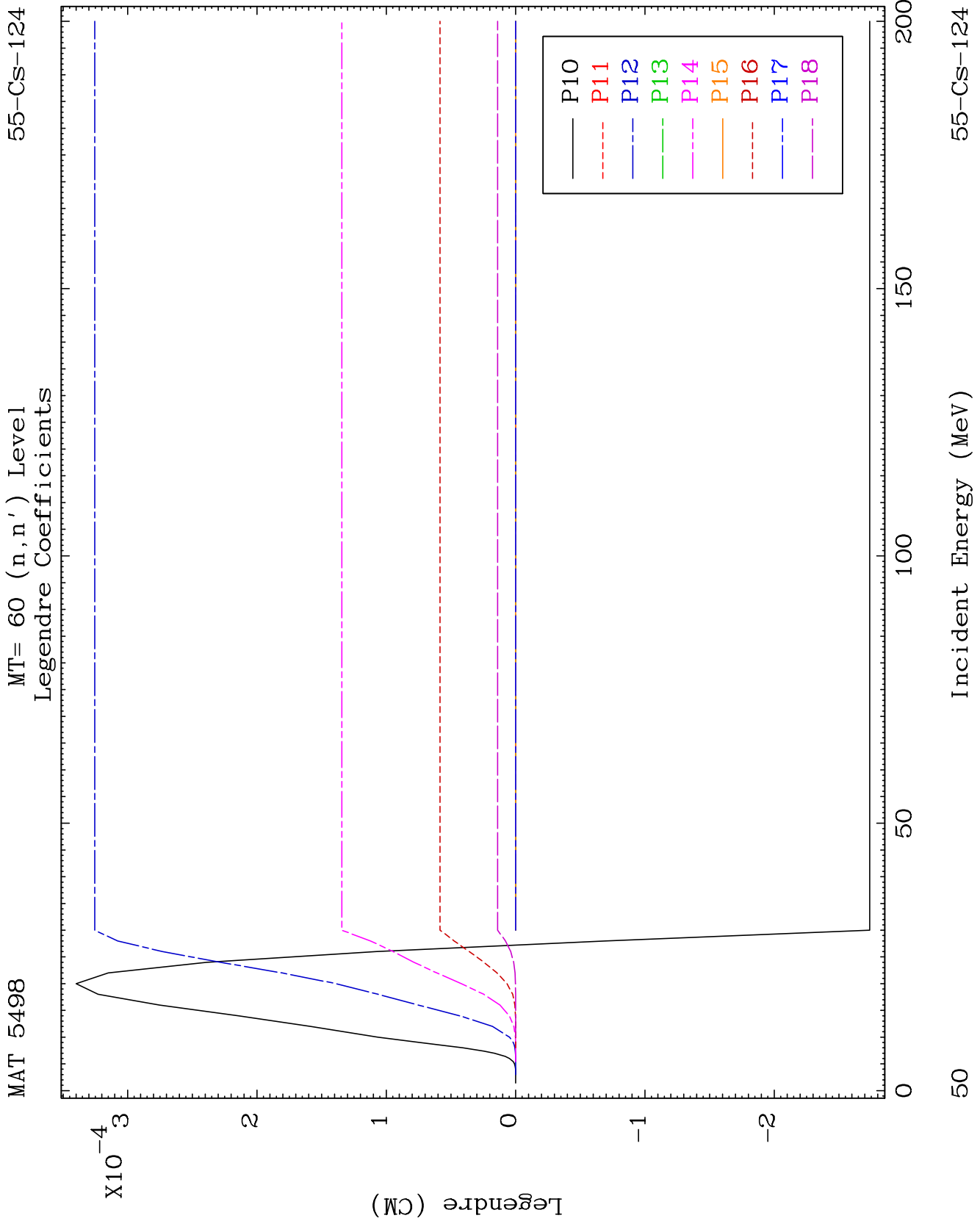
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Legendre Coefficients

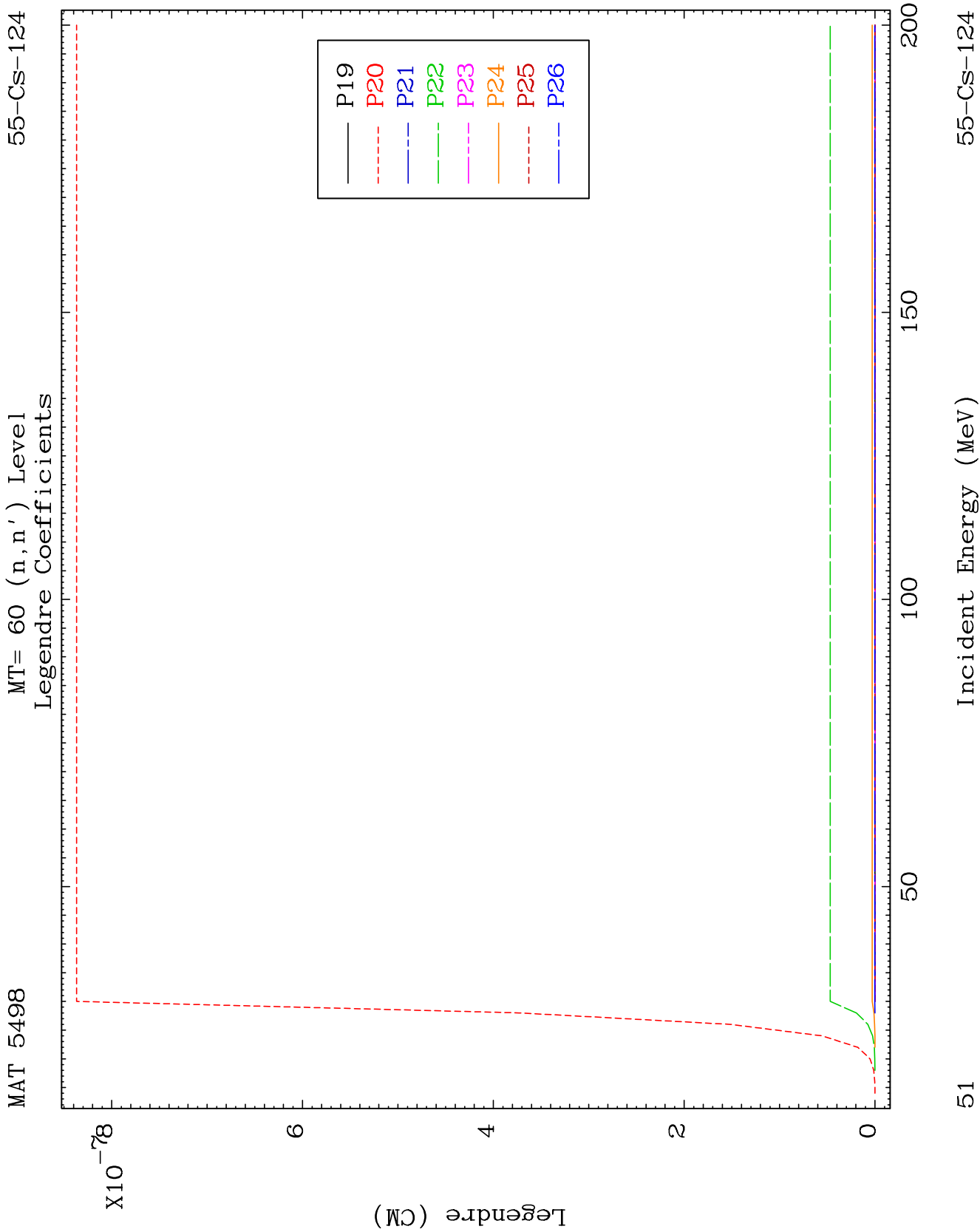
55-CS-124

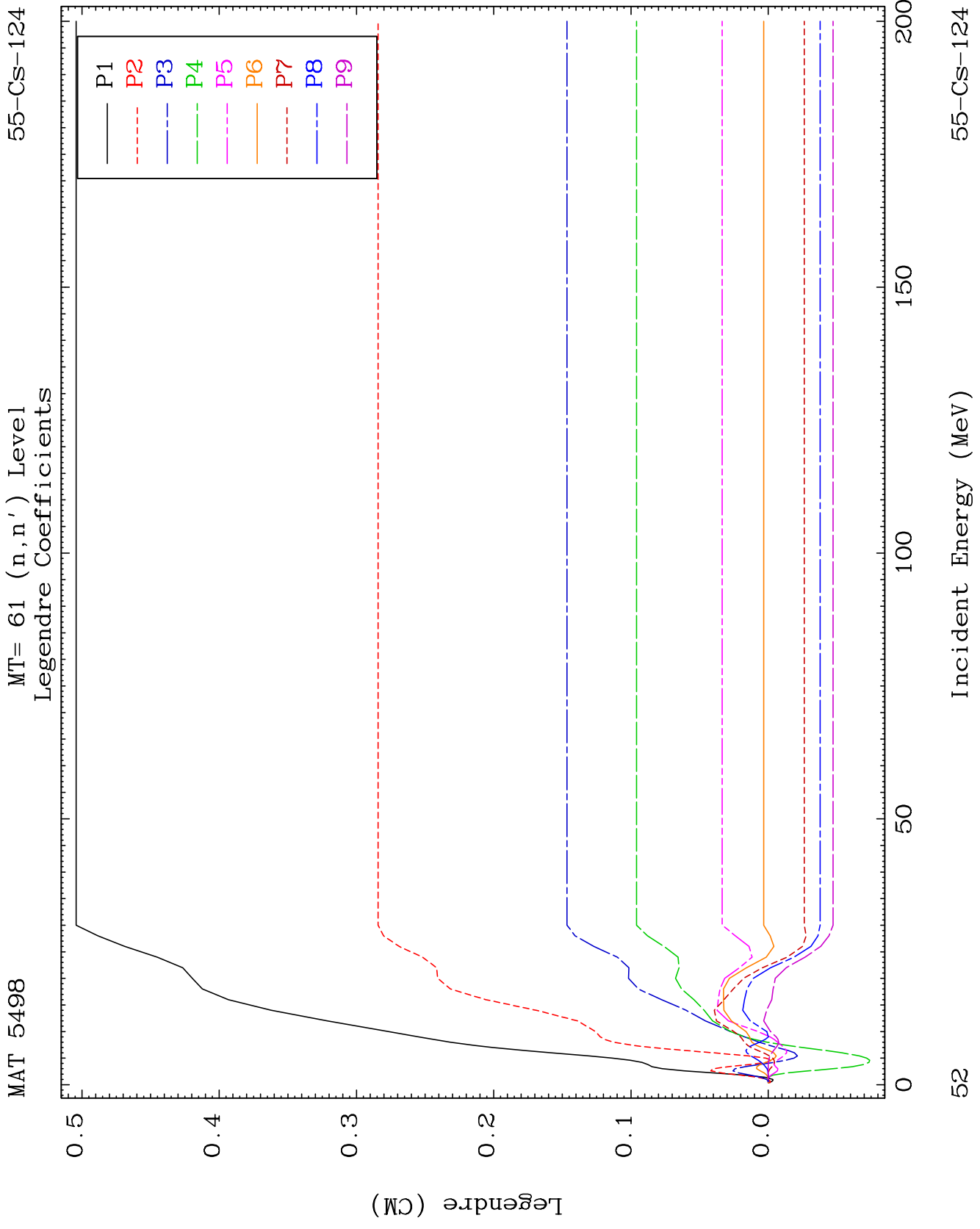


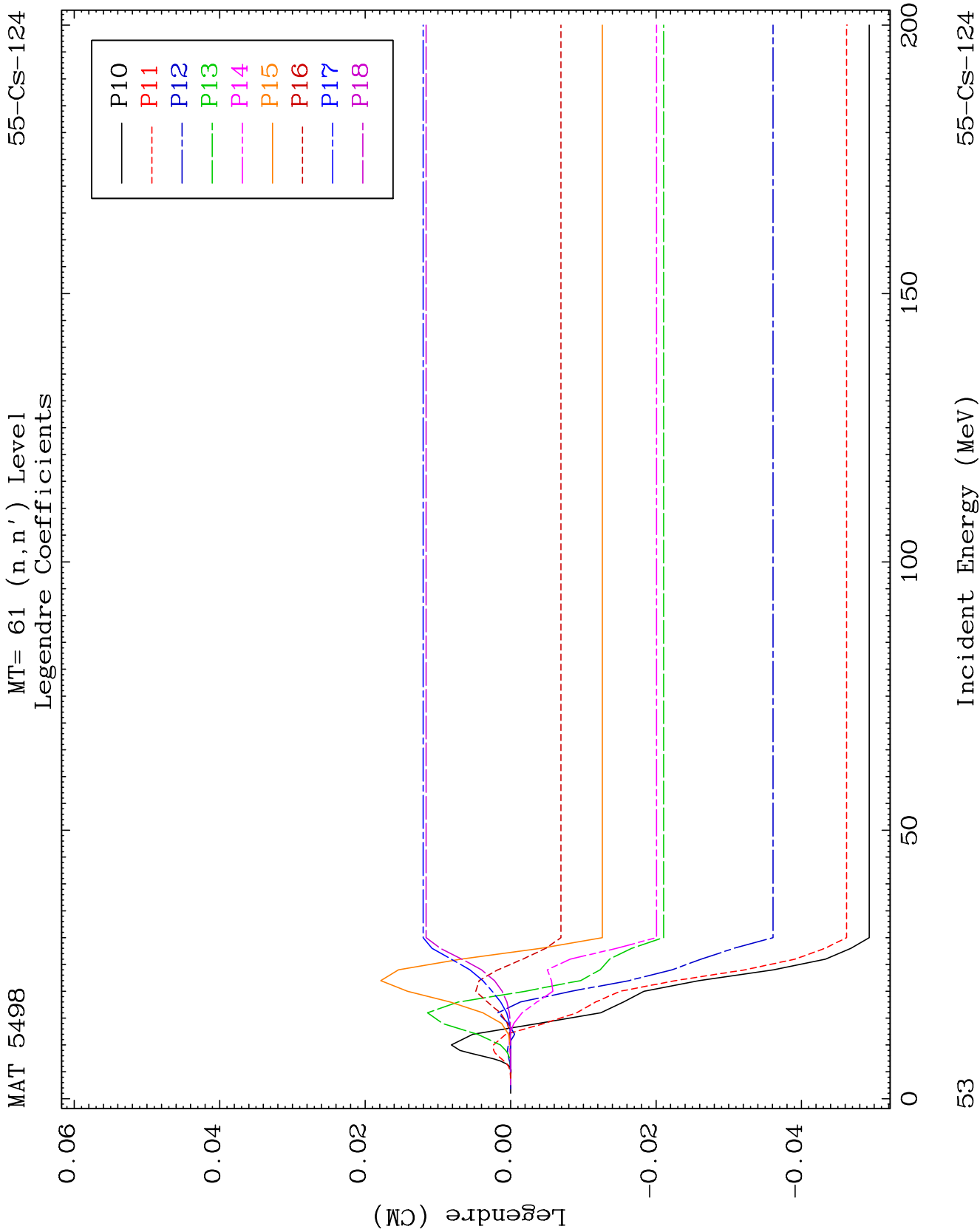


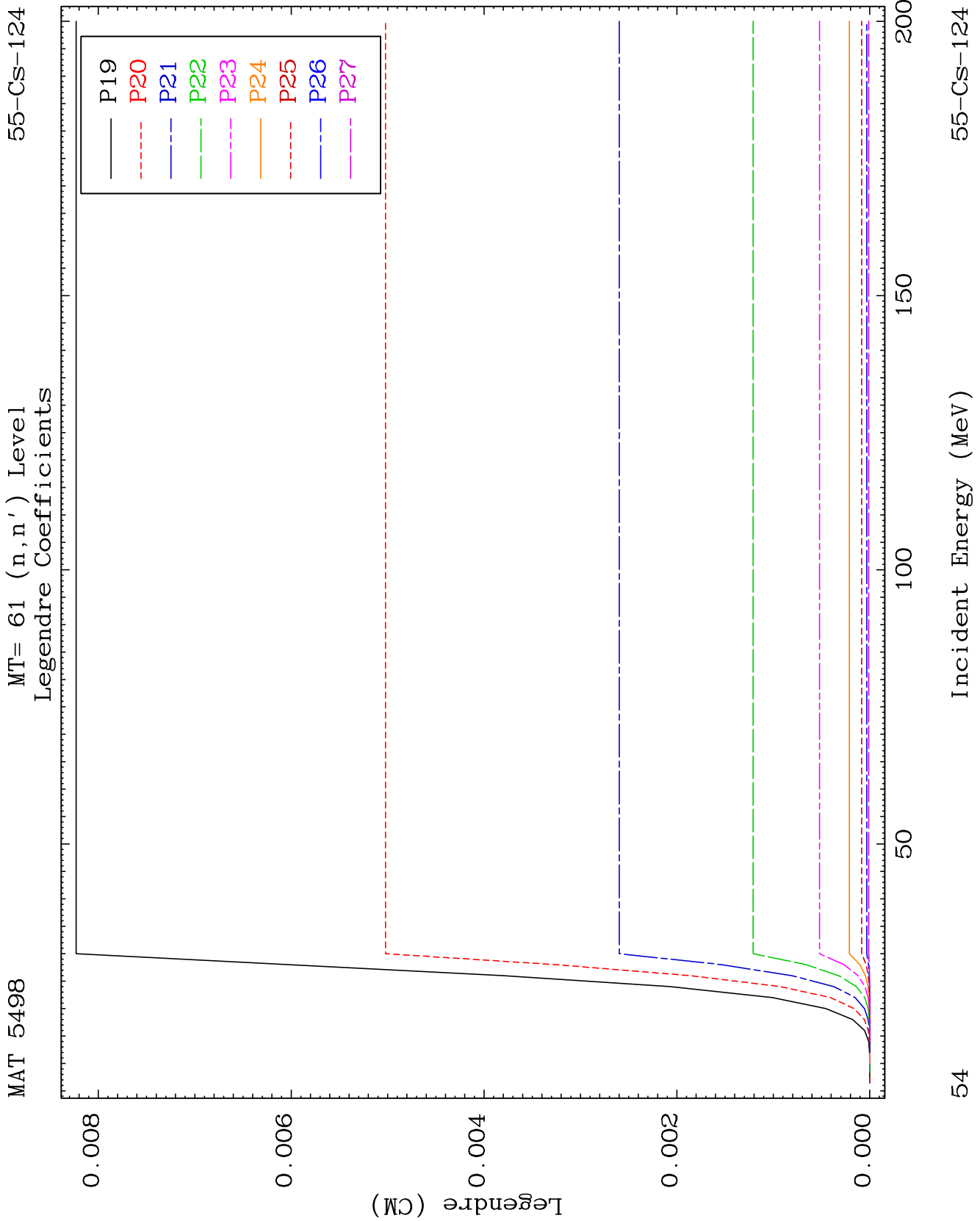


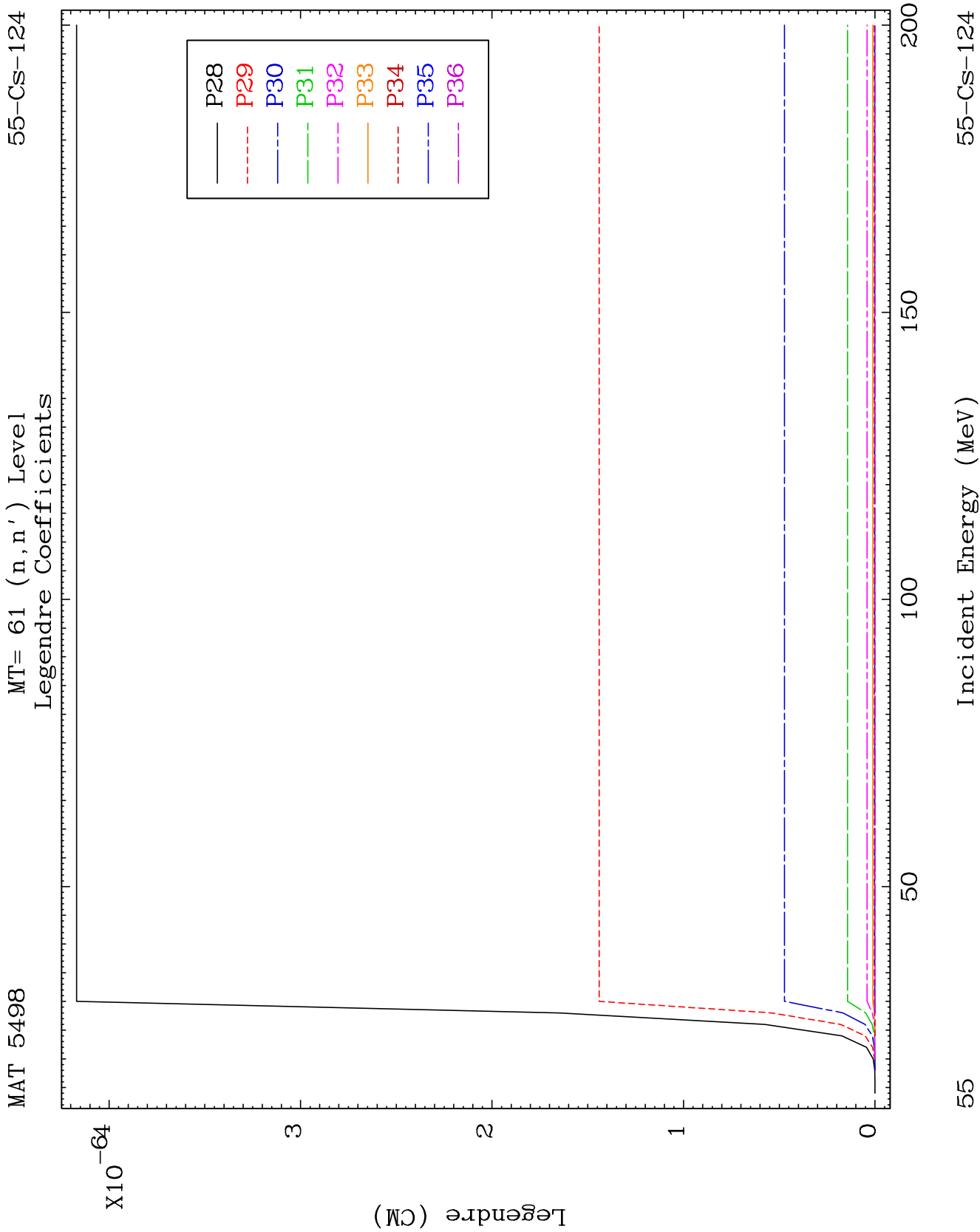


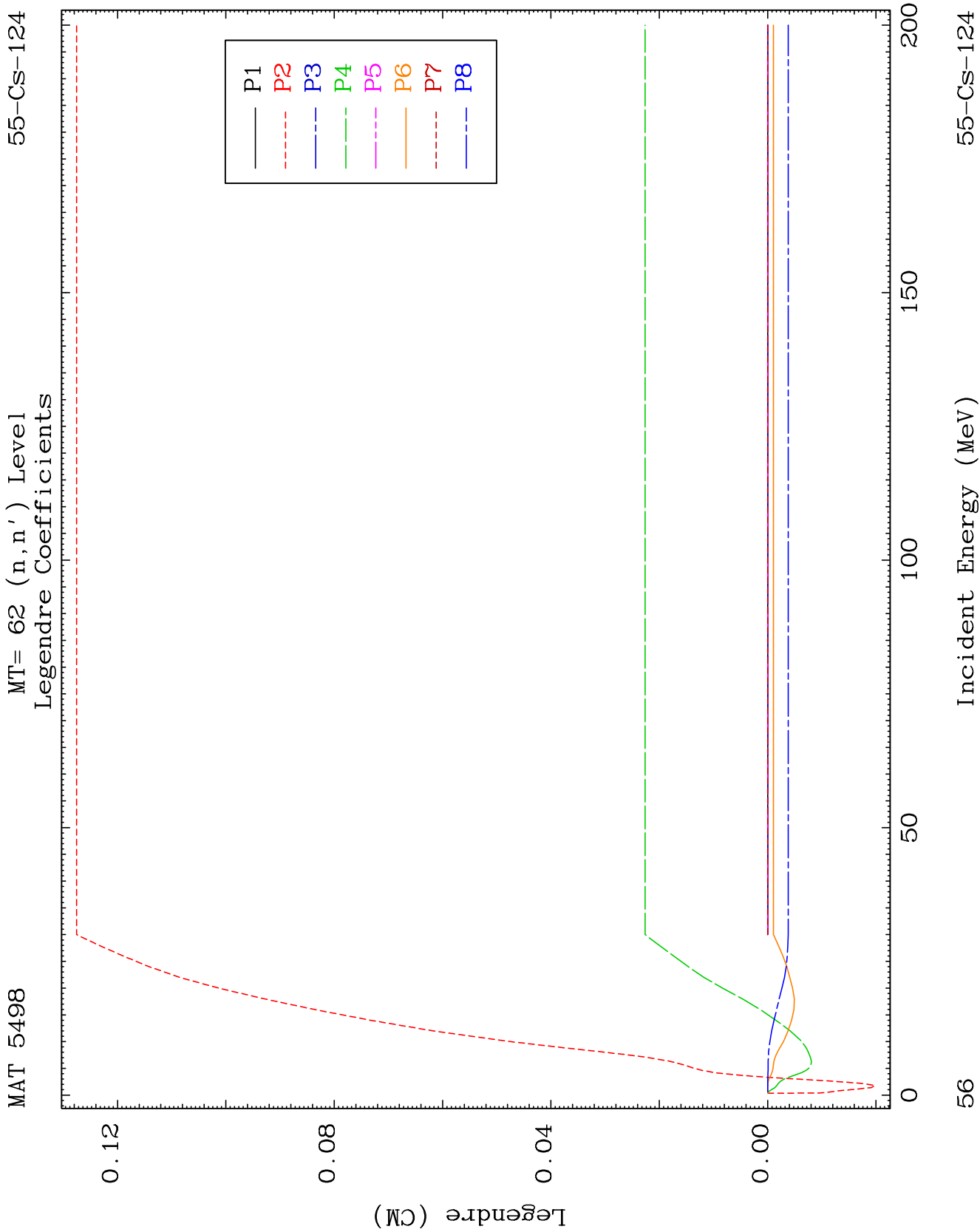


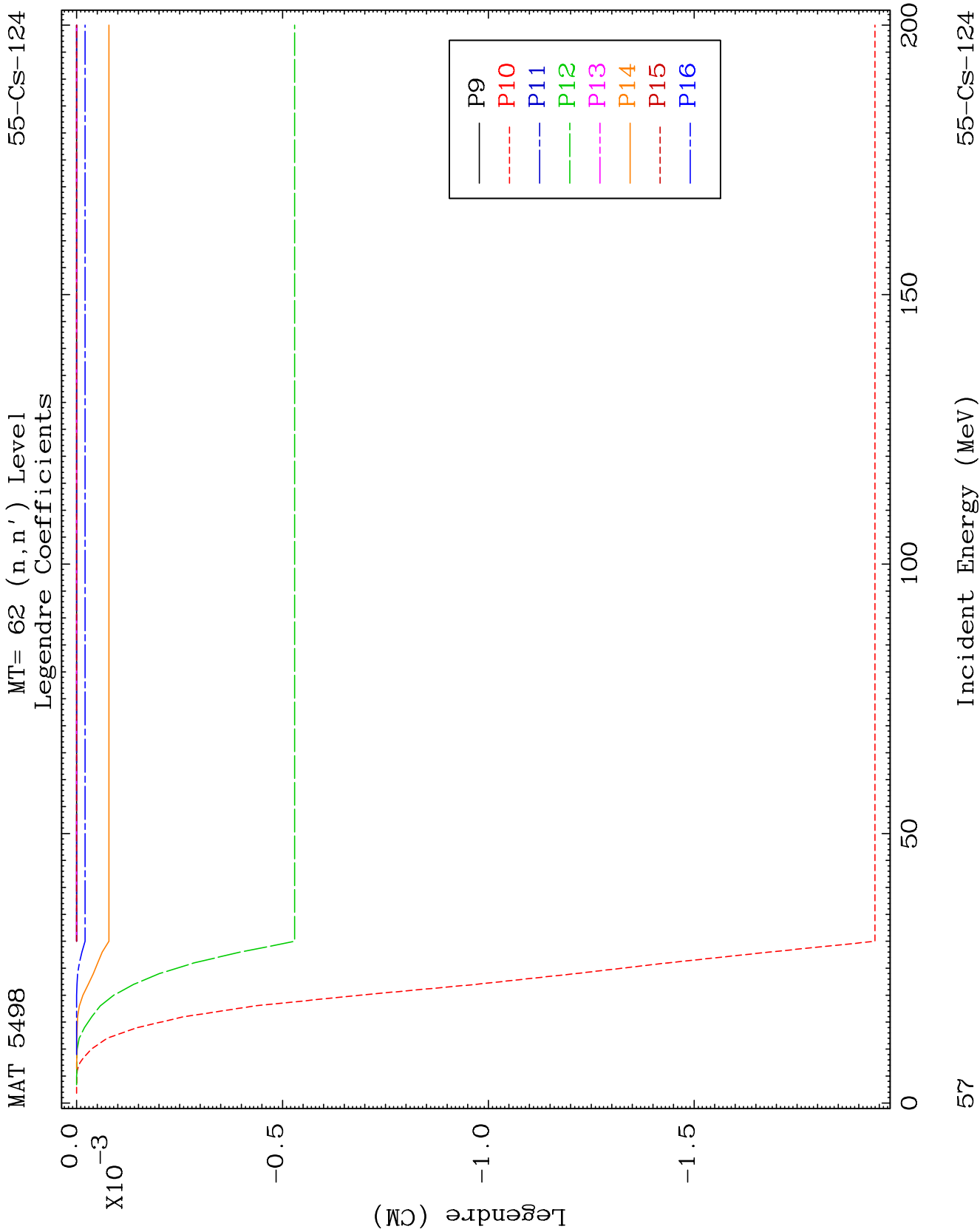


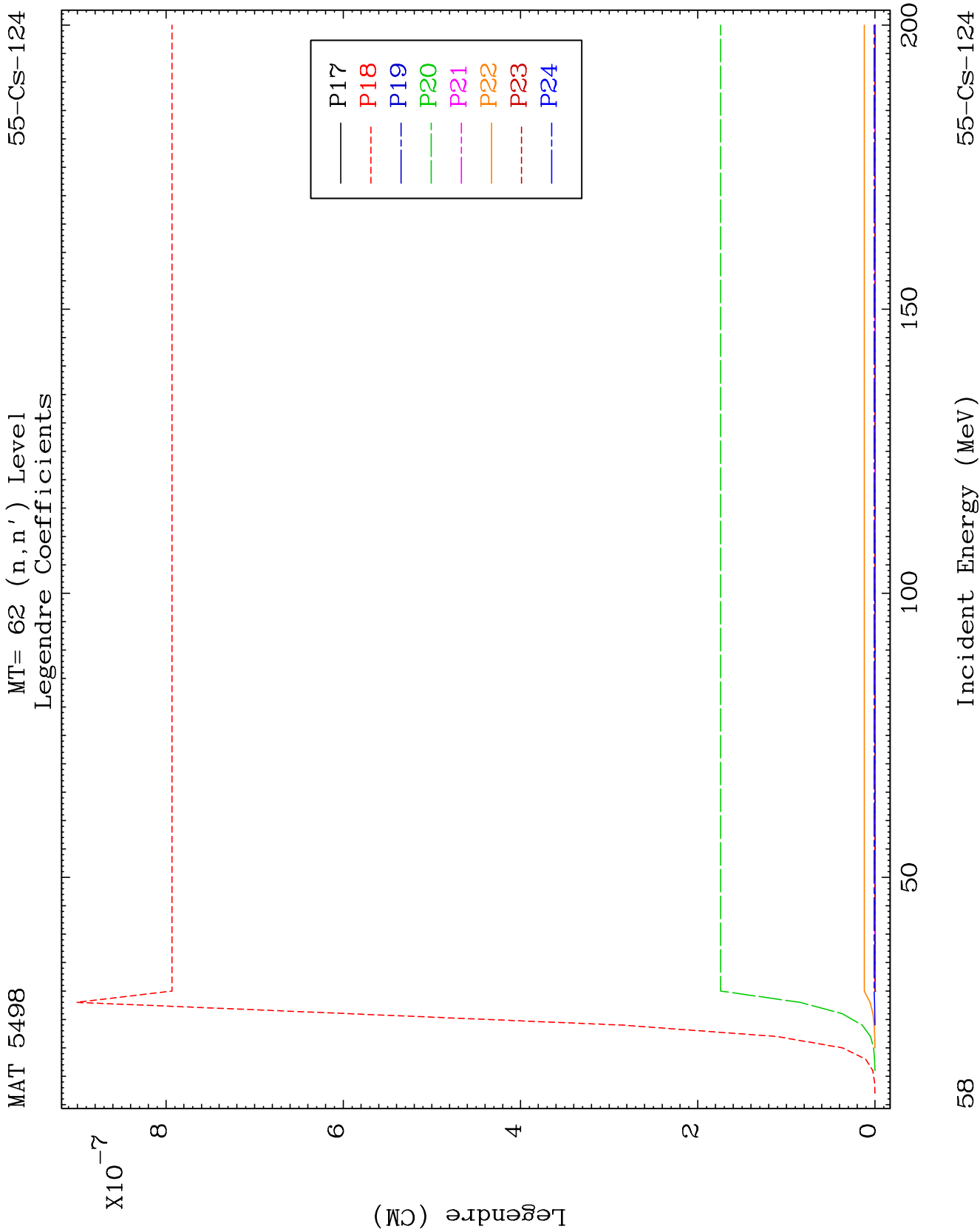








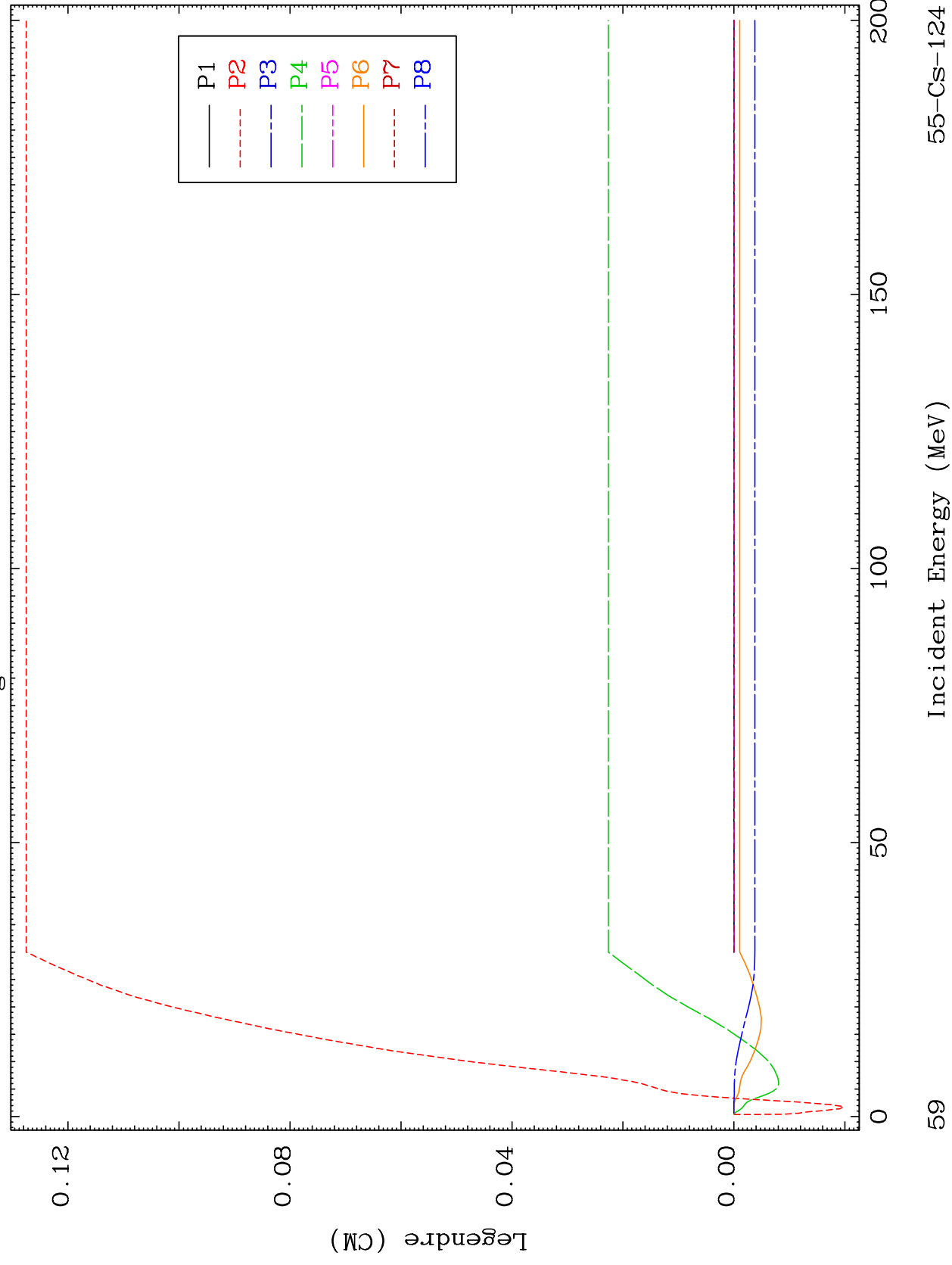


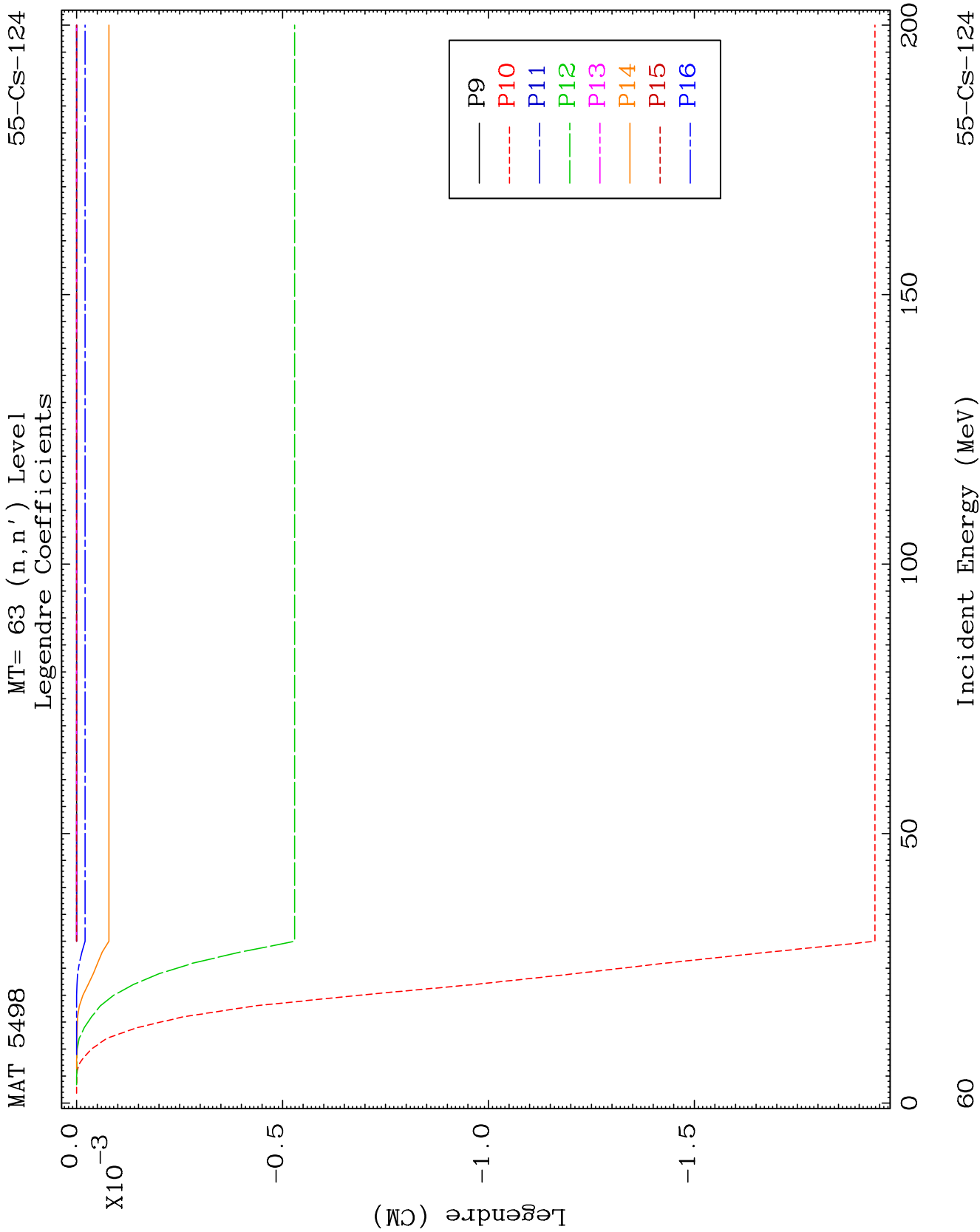


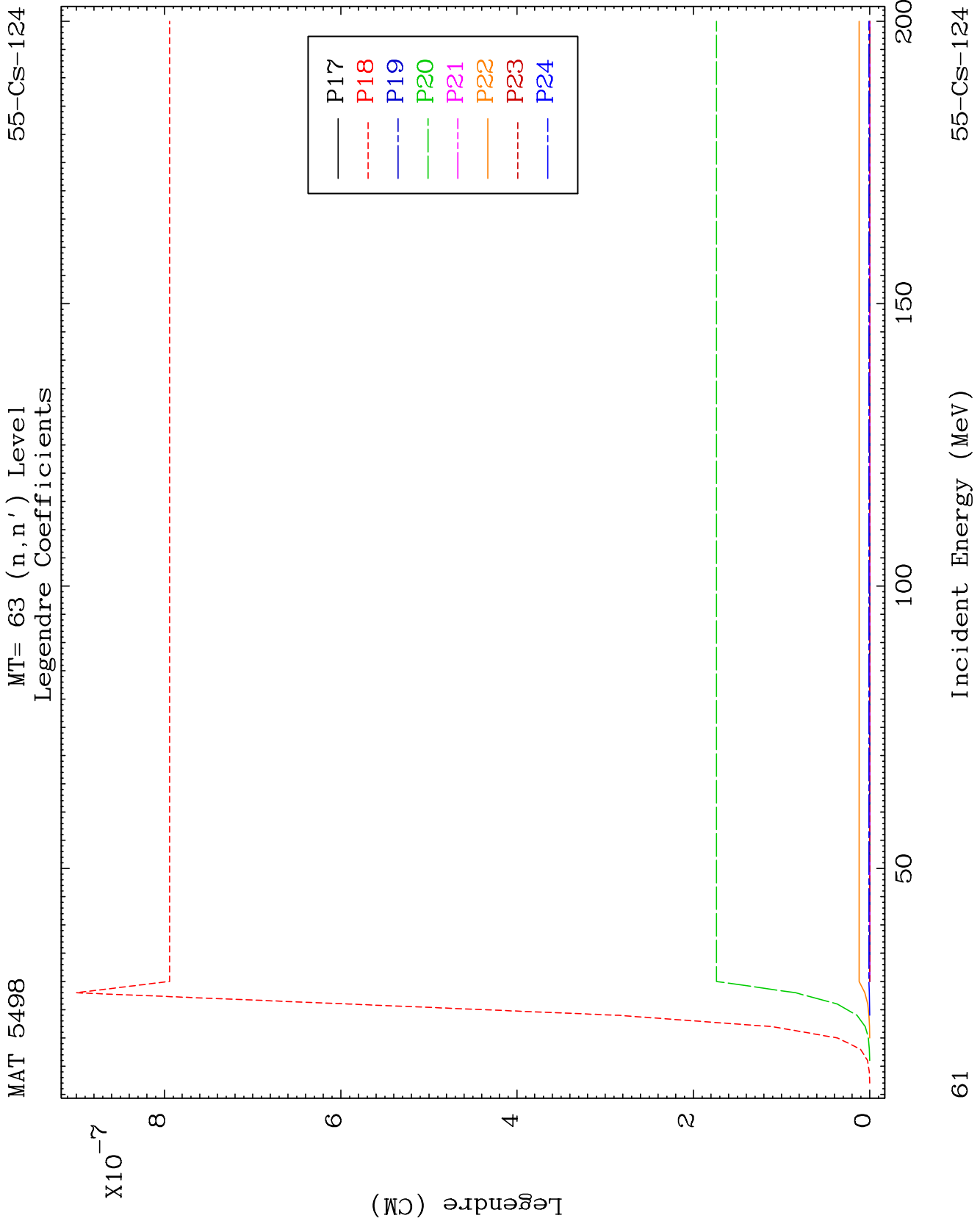
MAT 5498

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

55-CS-124



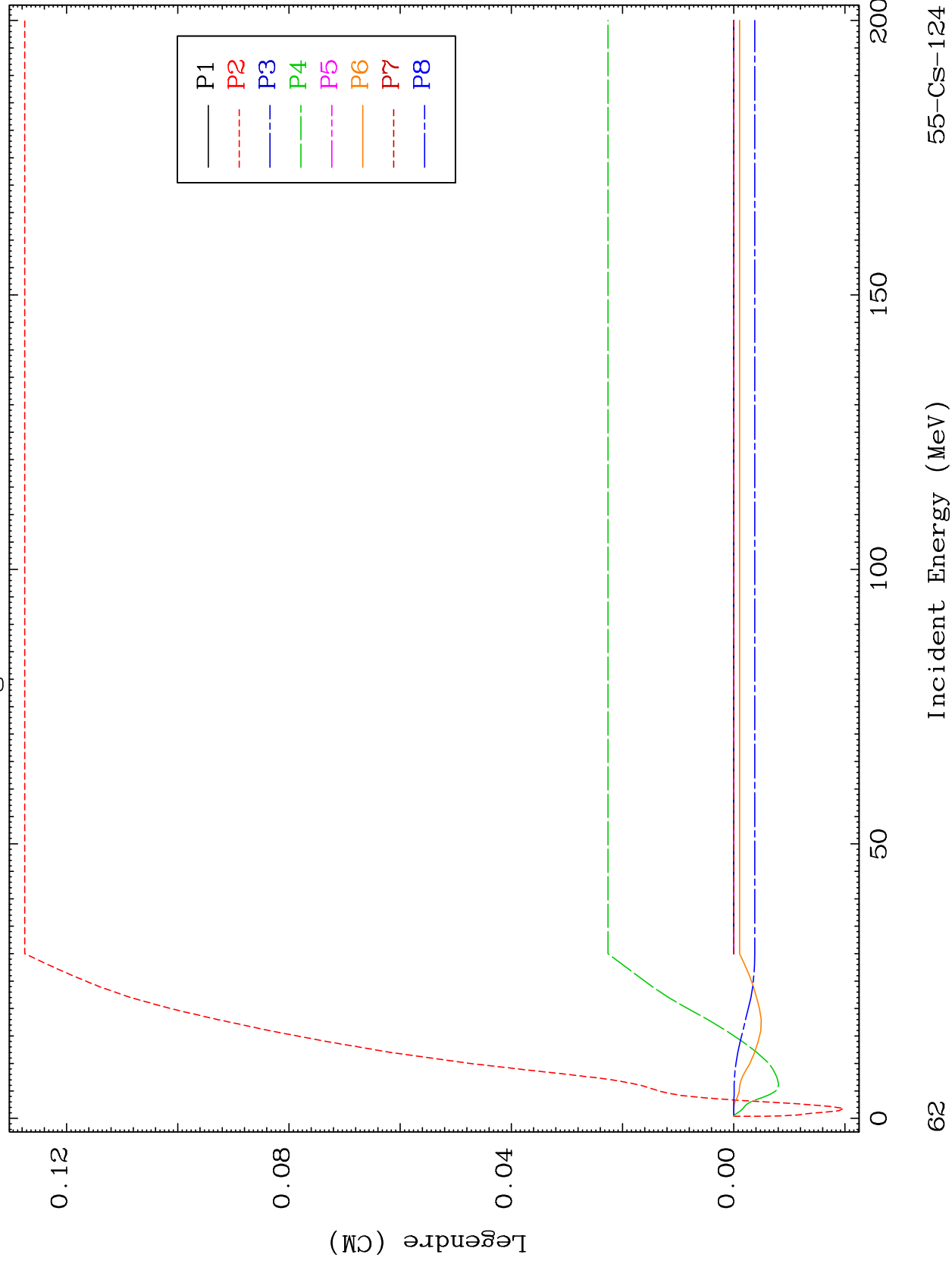


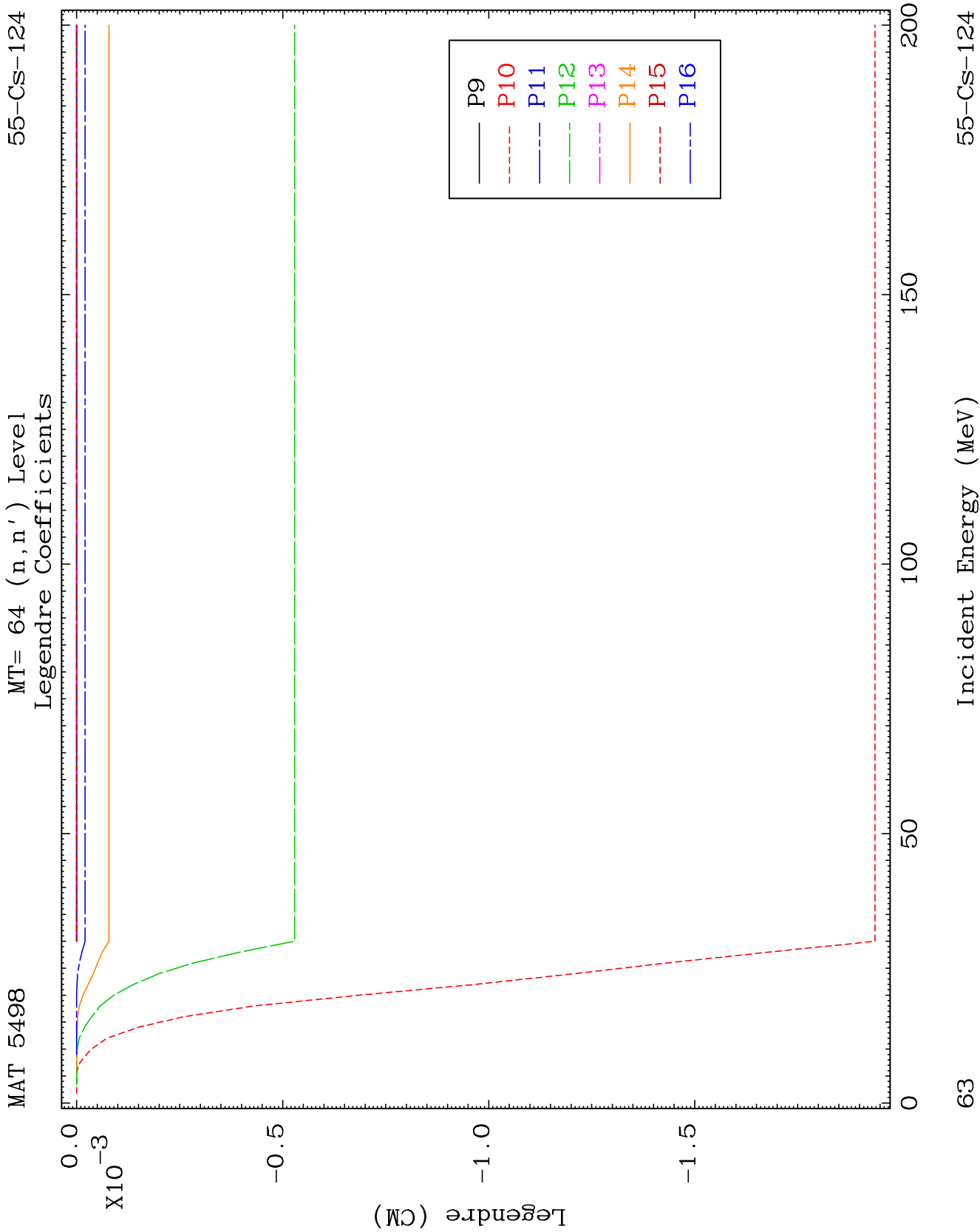


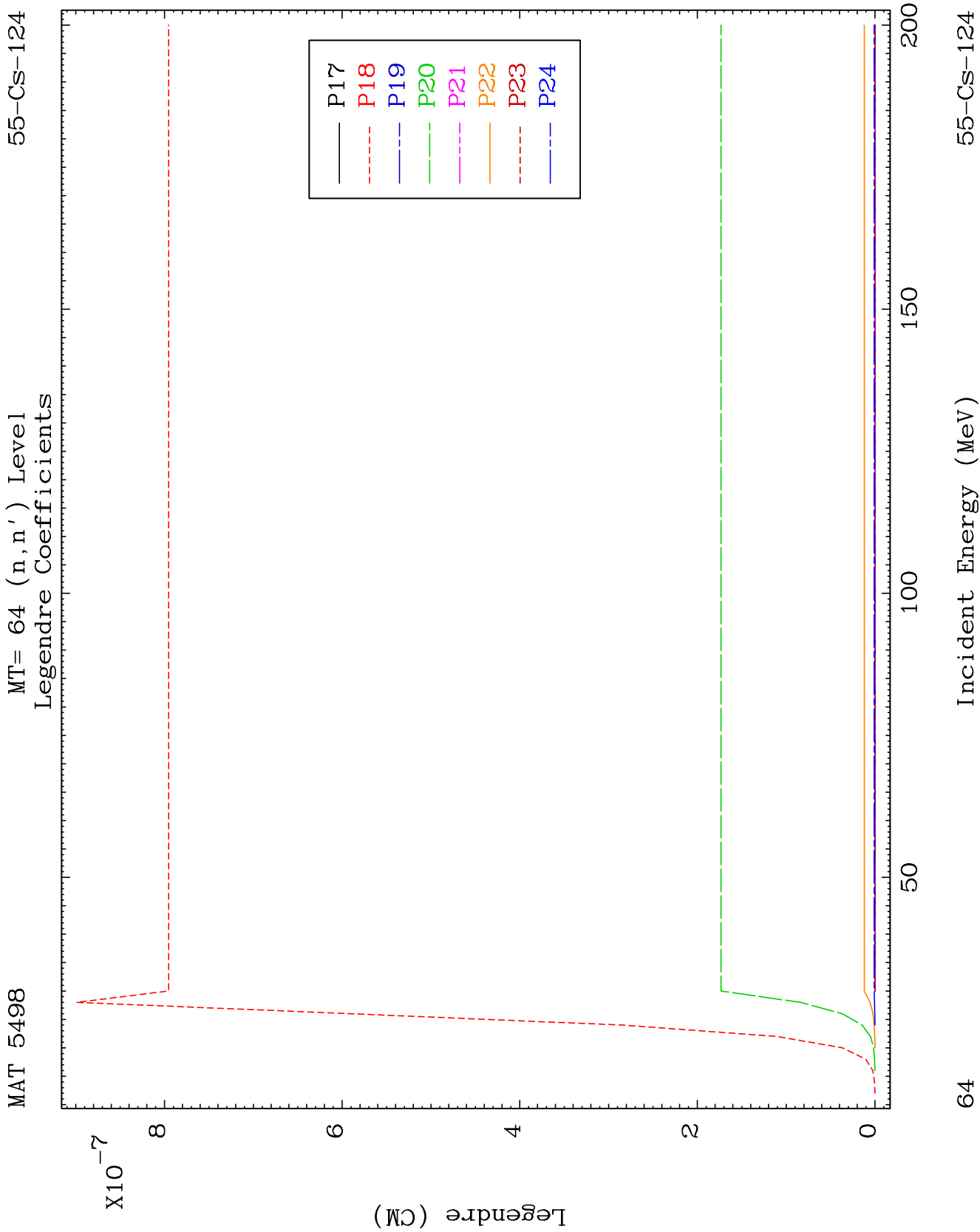
MAT 5498

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

55-CS-124



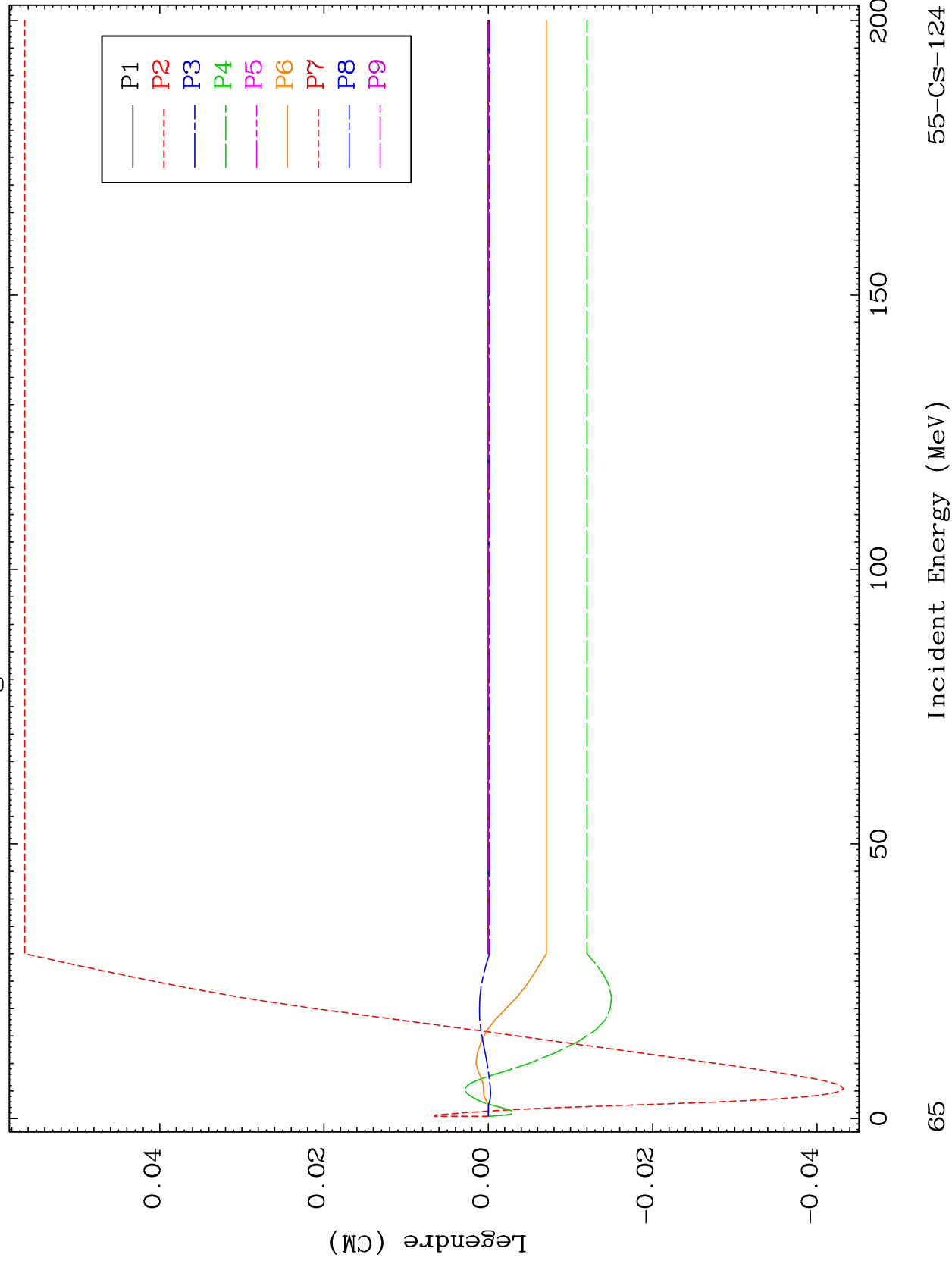


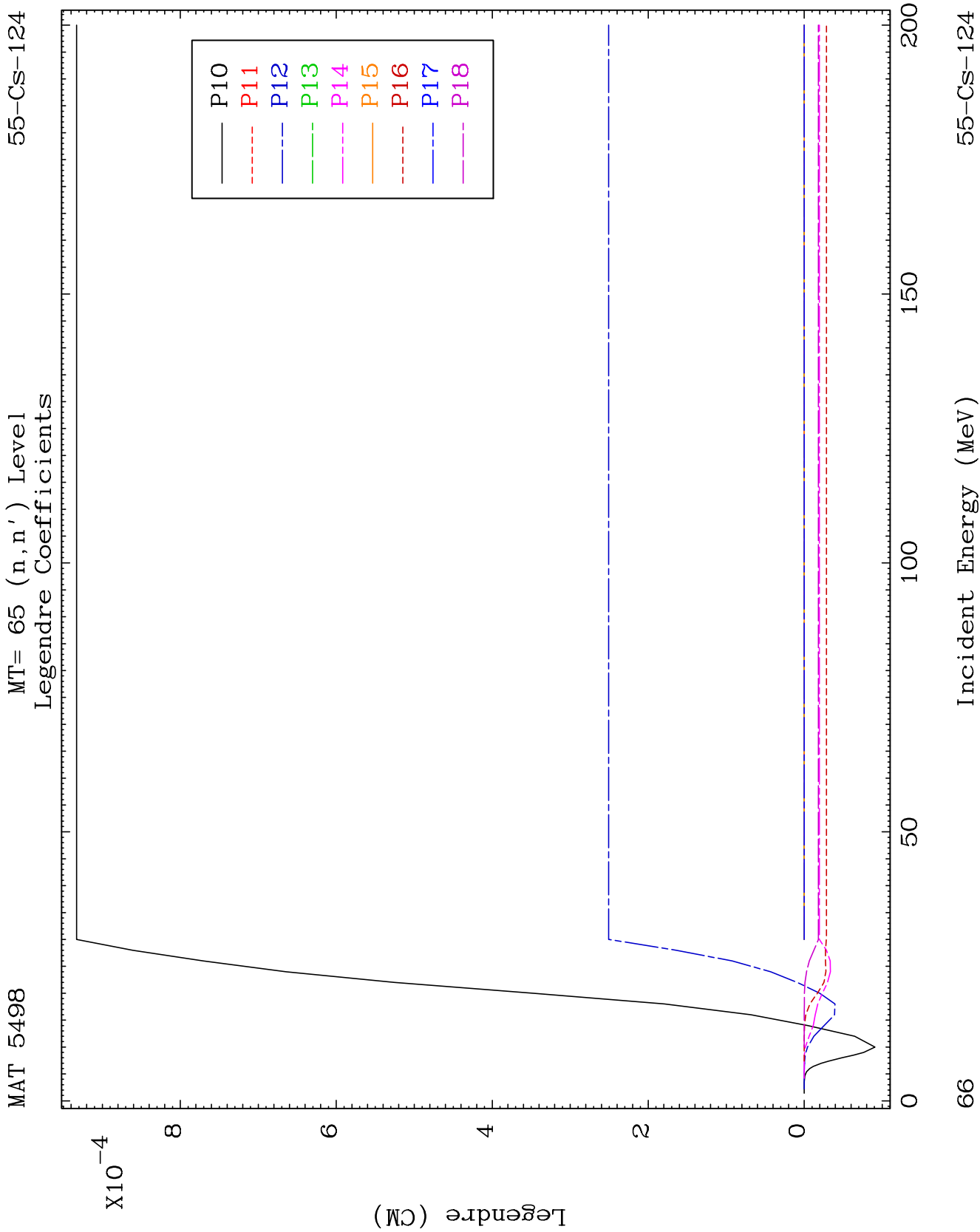


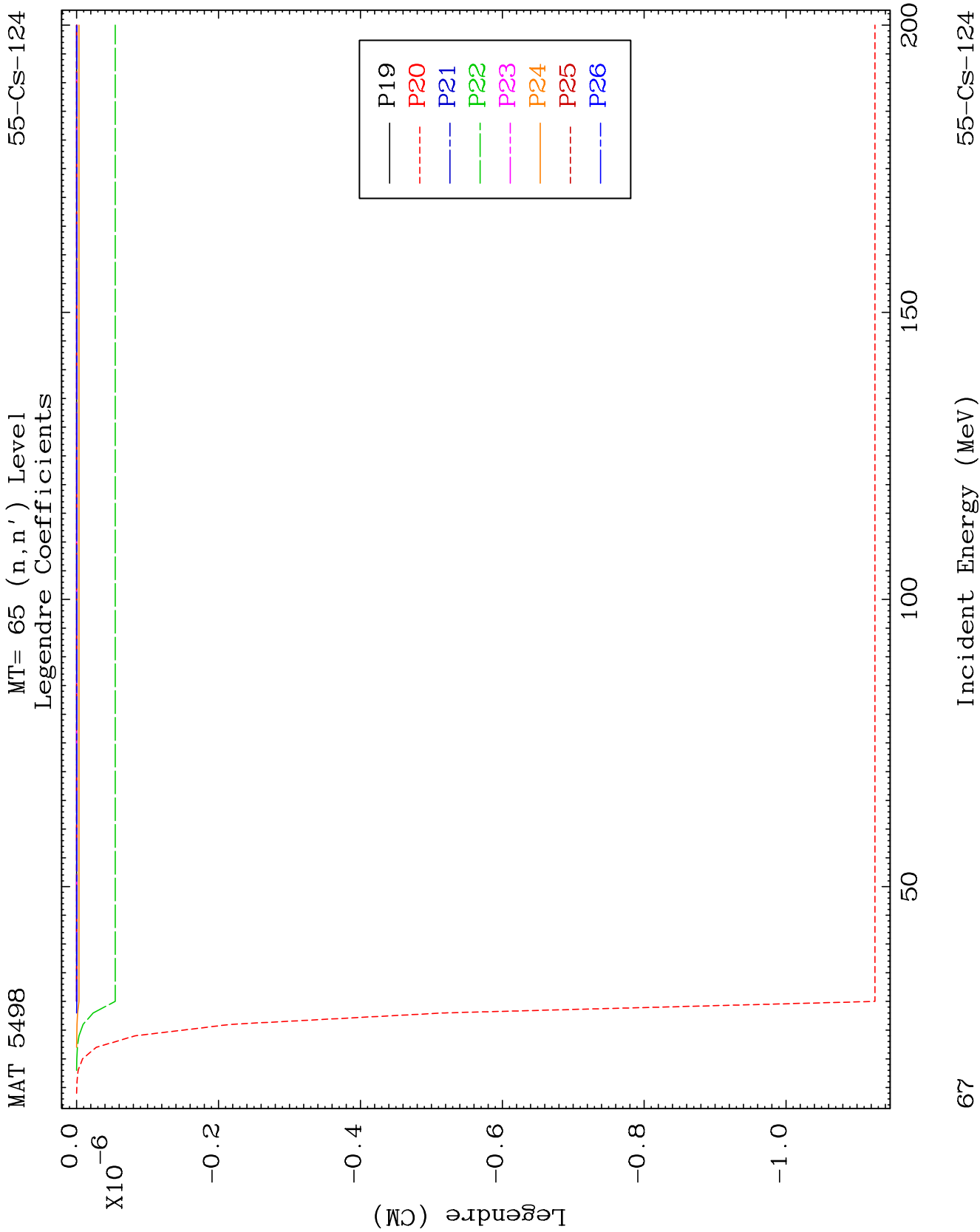
MAT 5498

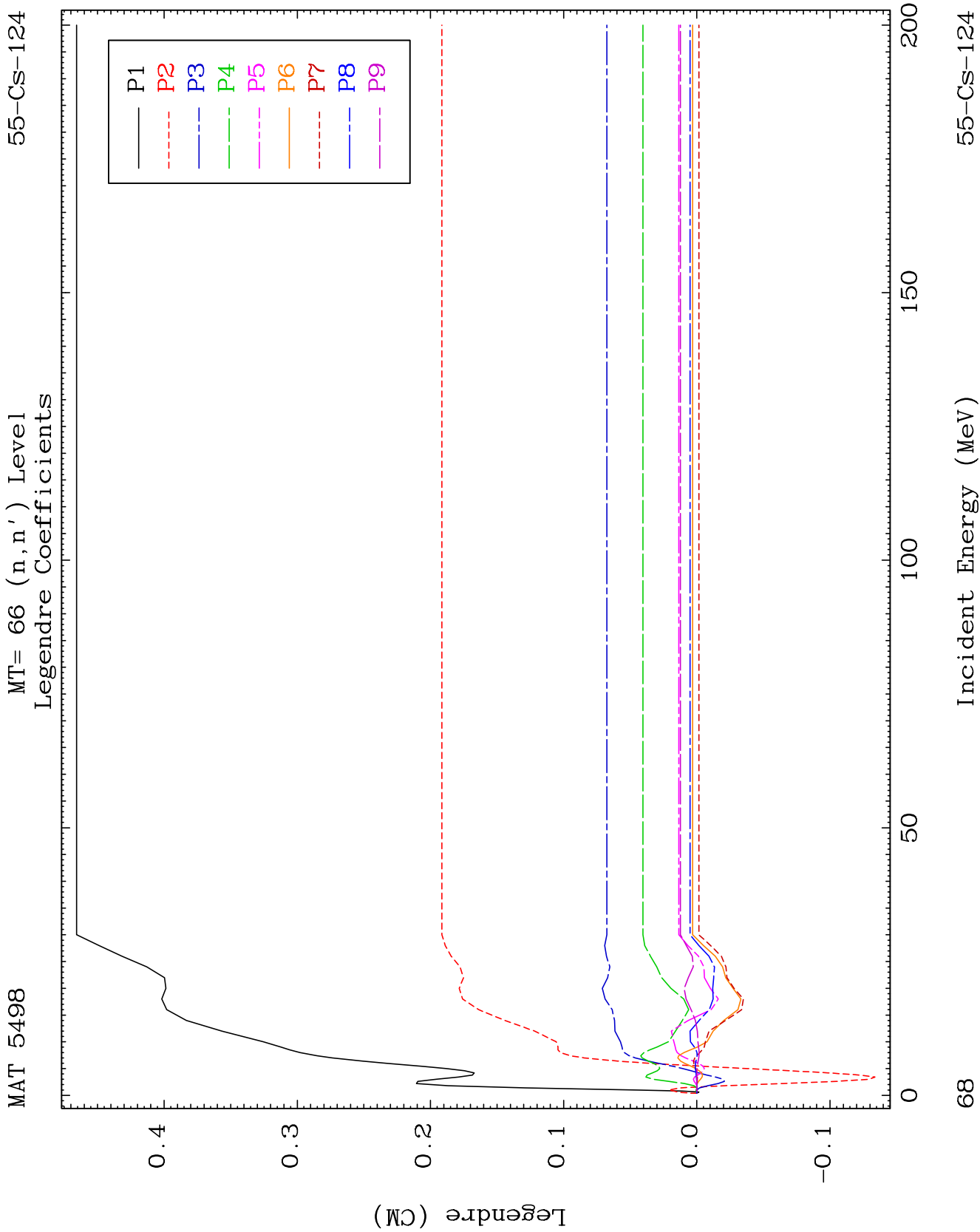
MT= 65 (n, n') Level
Legendre Coefficients

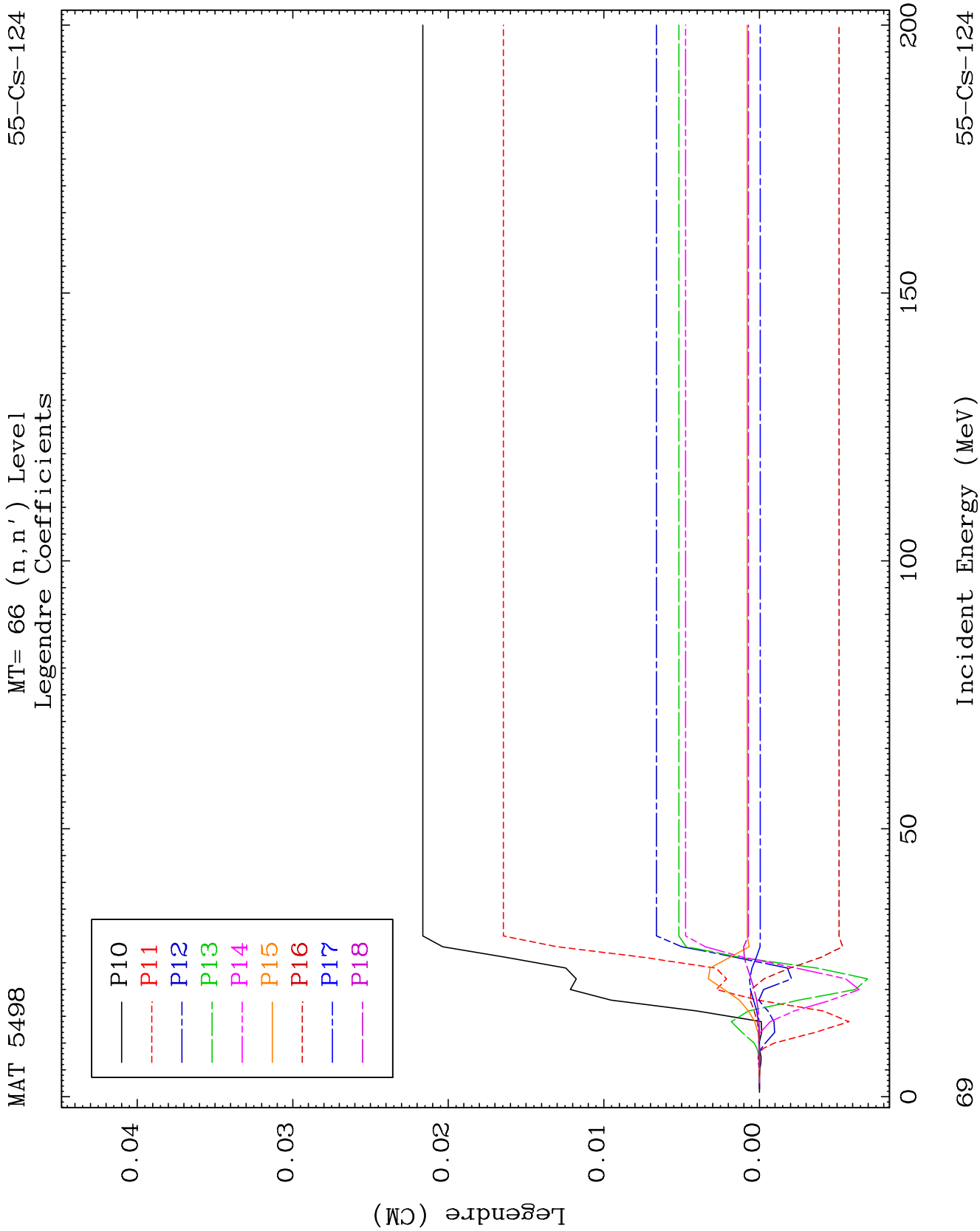
55-CS-124







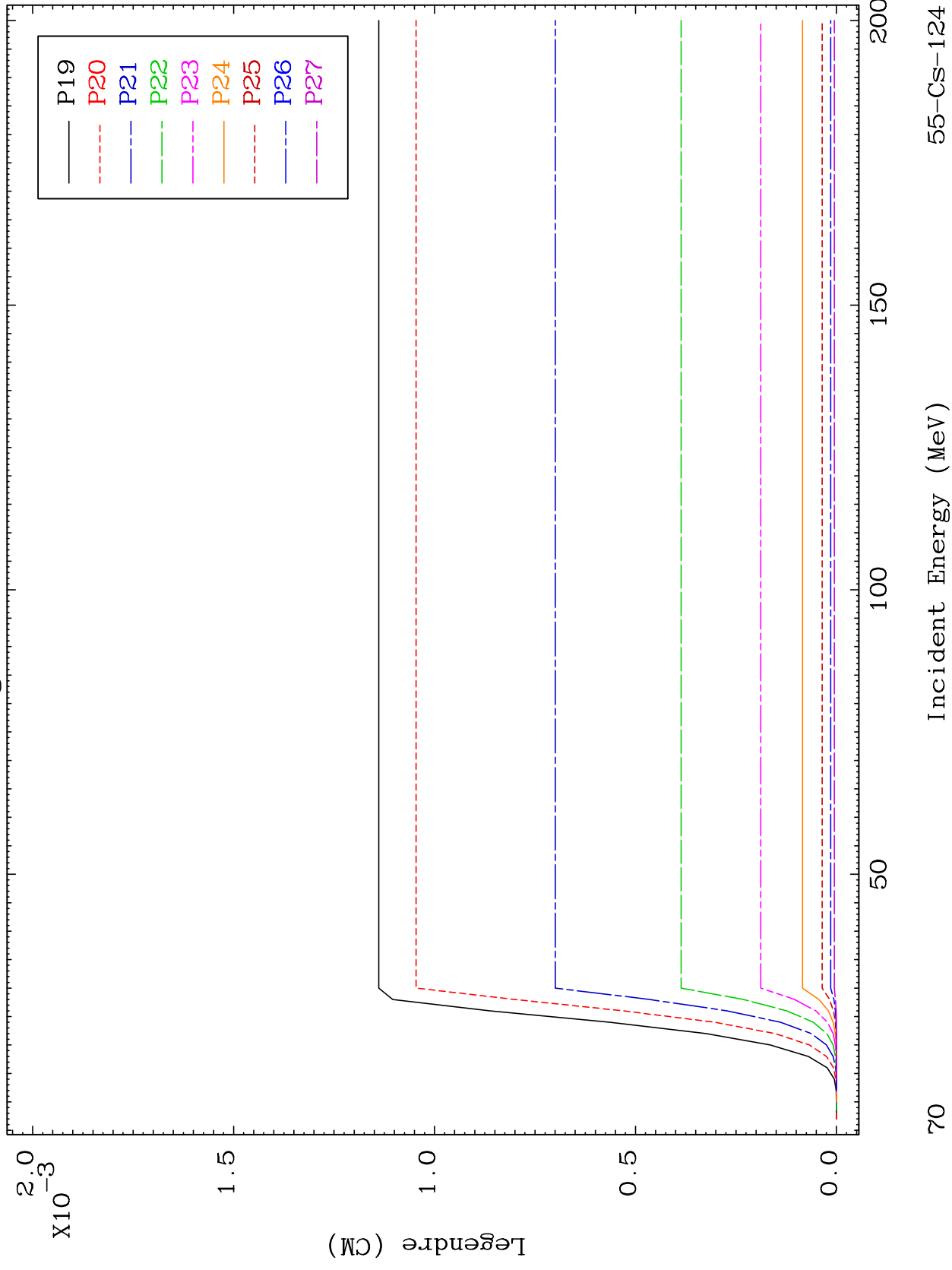


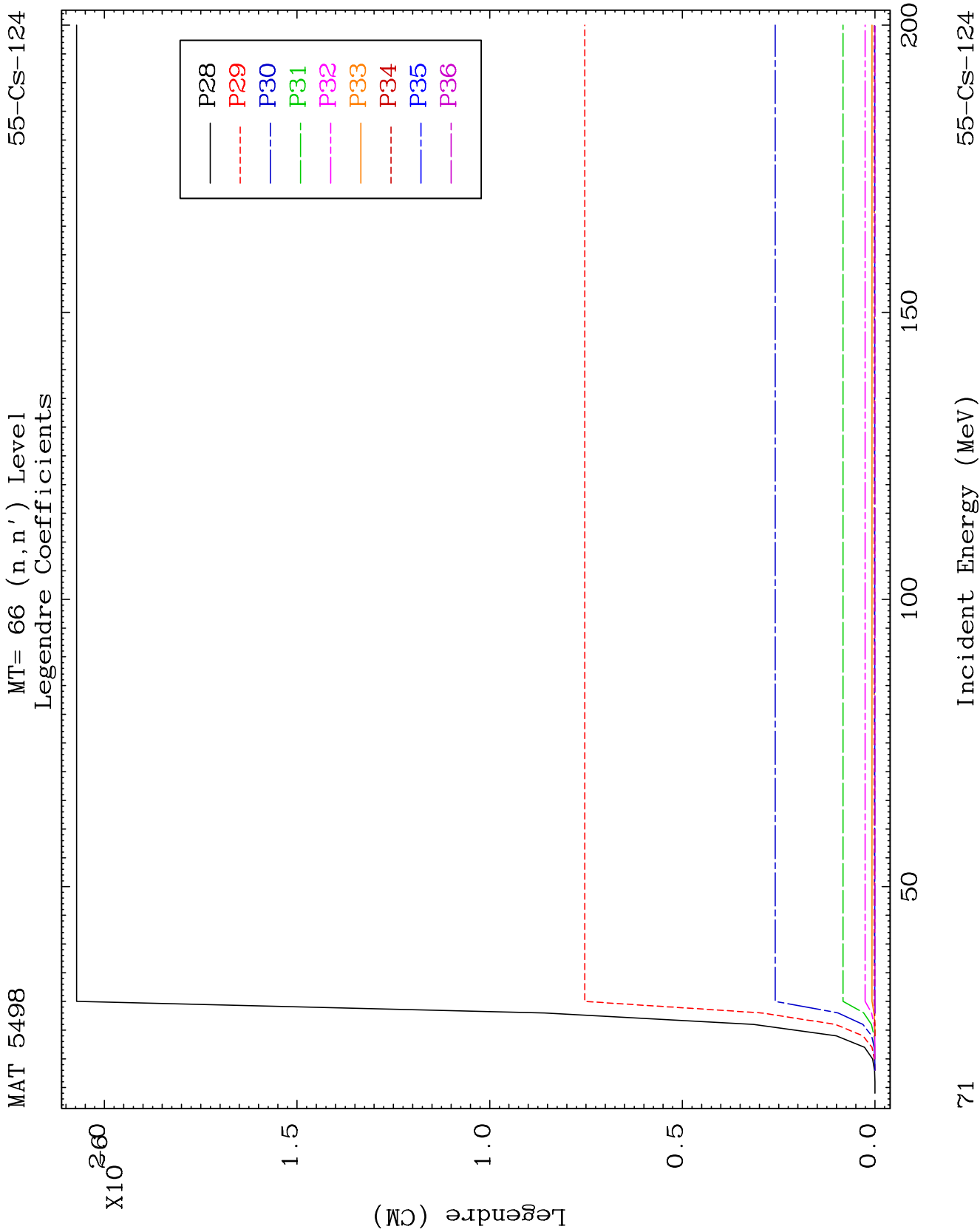


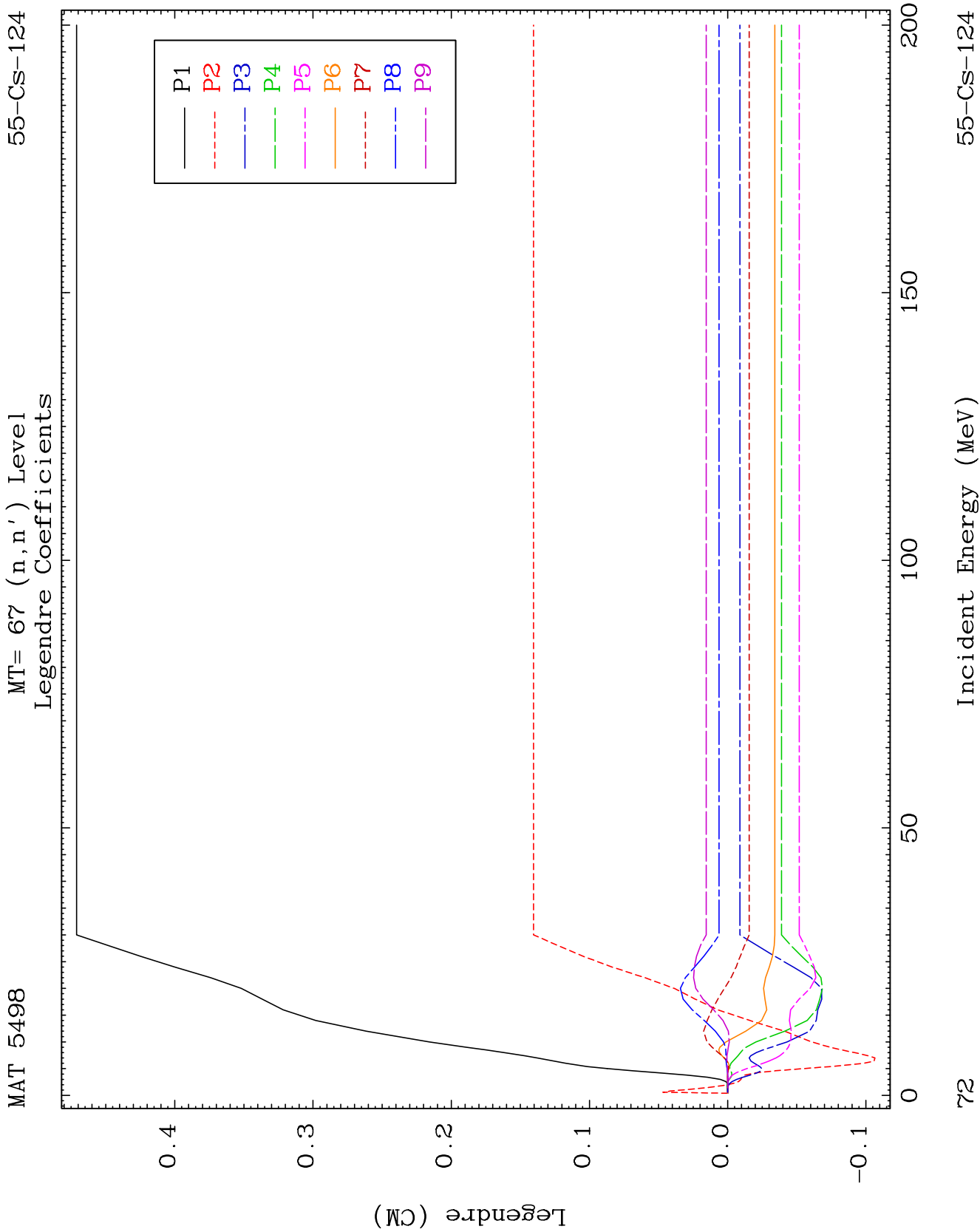
MAT 5498

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

55-CS-124



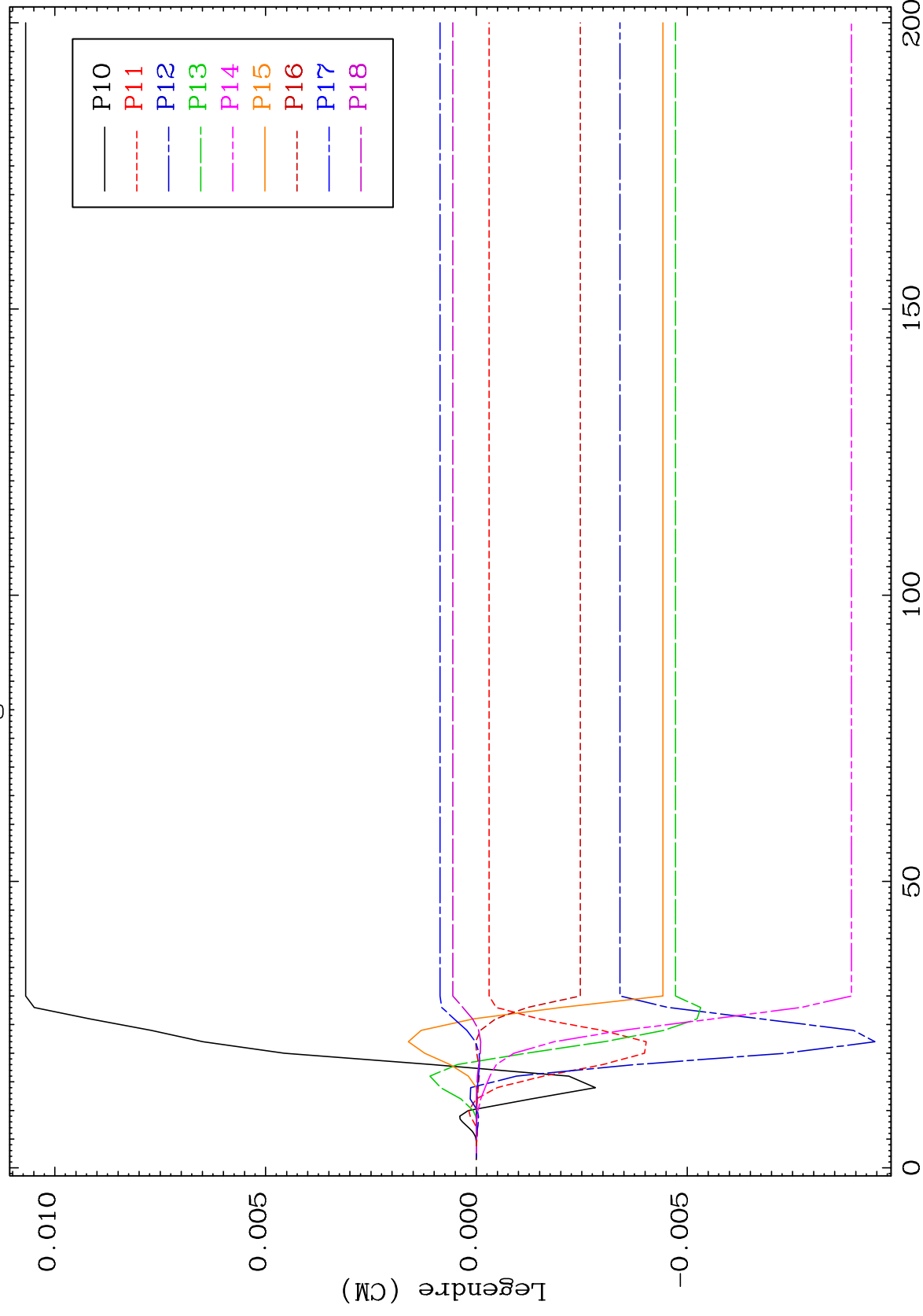




MAT 5498

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

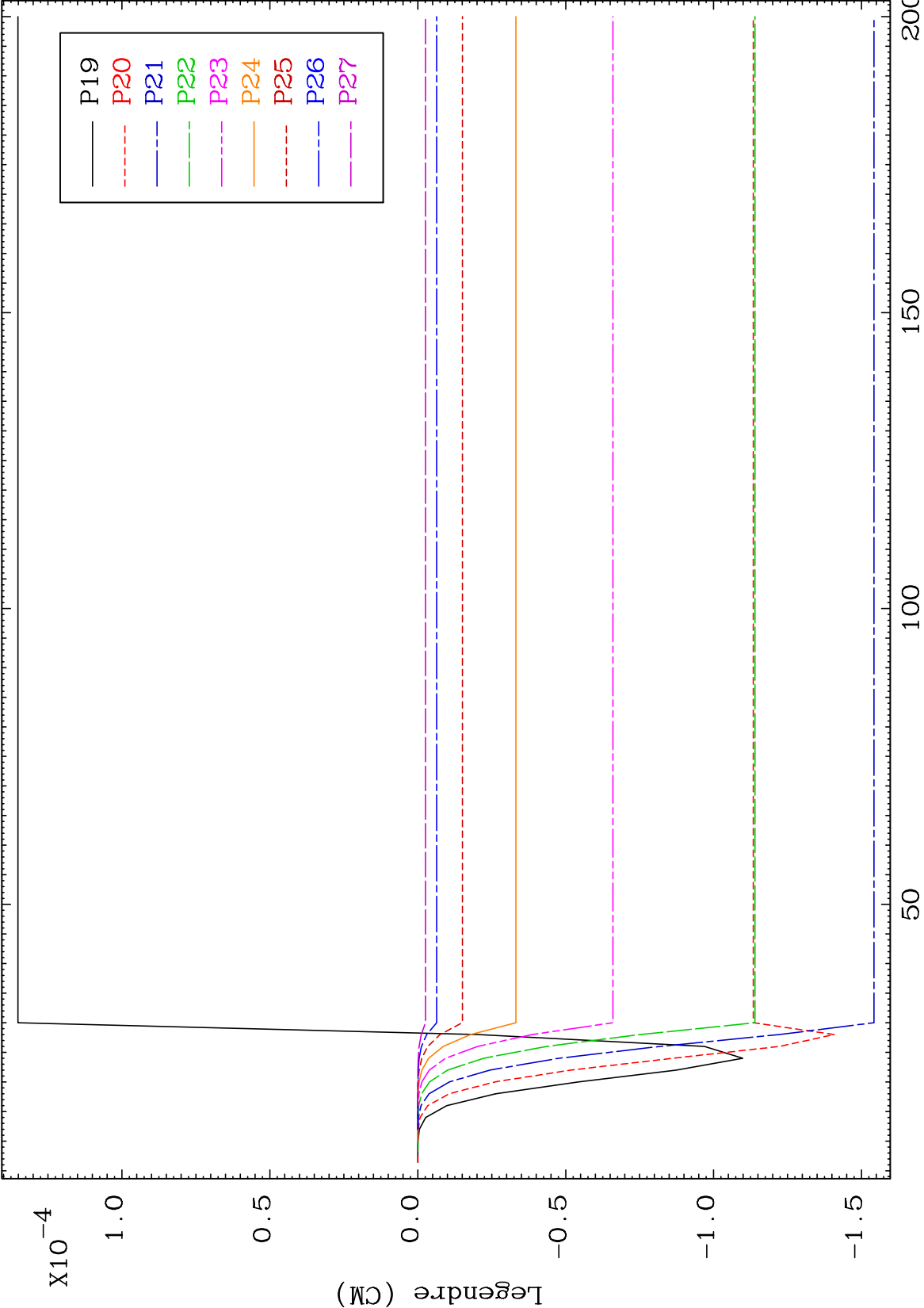
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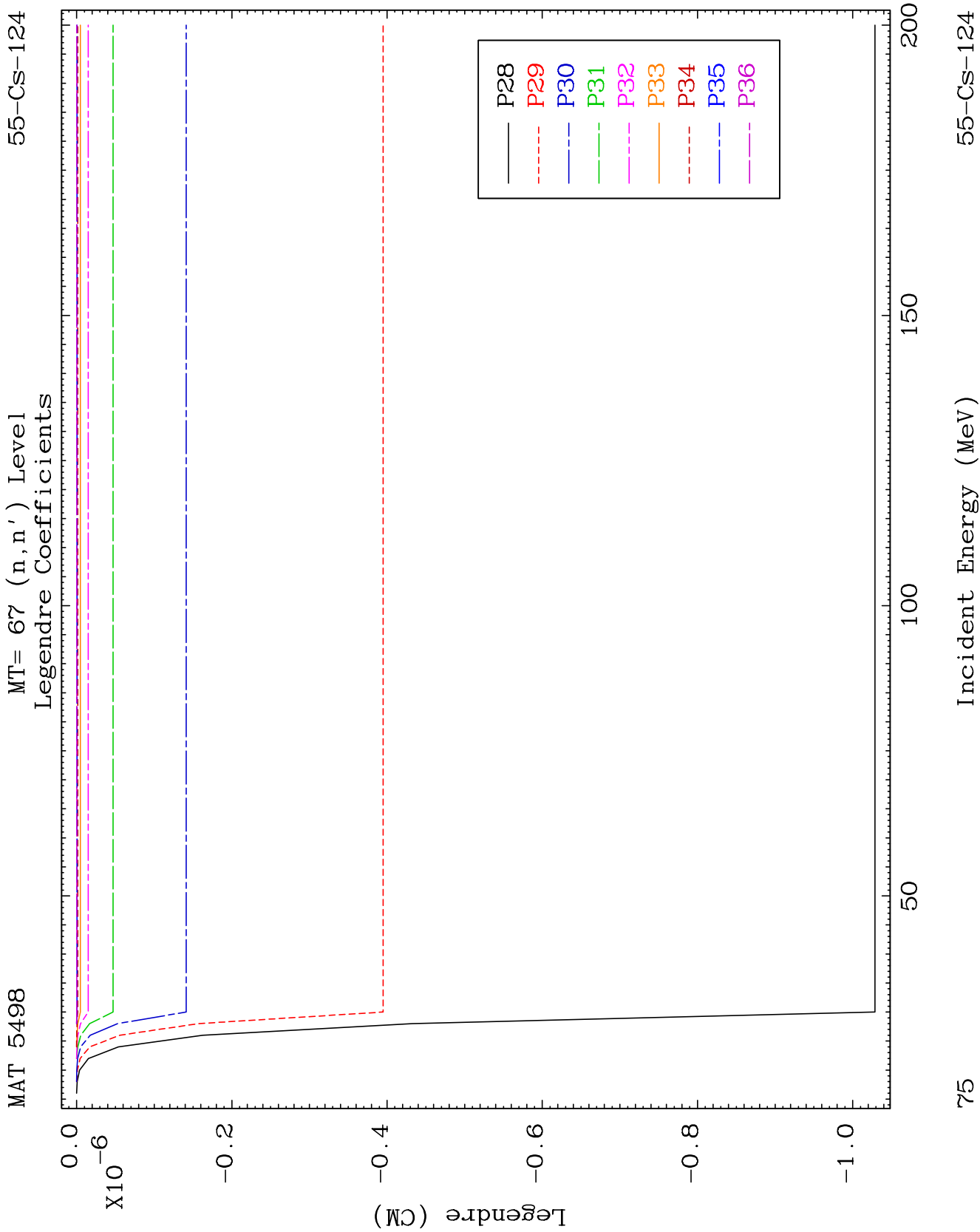


23

Incident Energy (MeV)

55-Cs-124

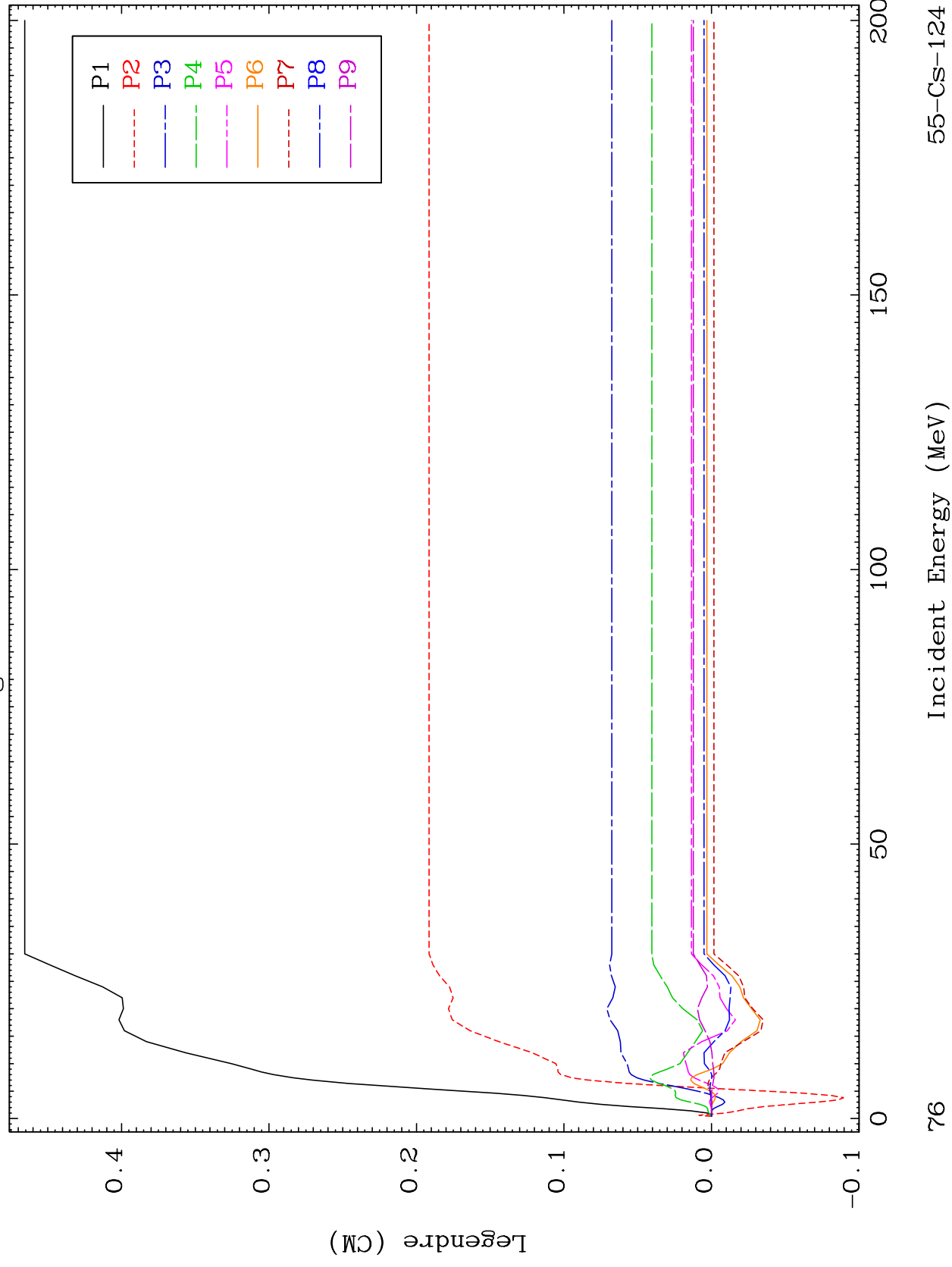




MAT 5498

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

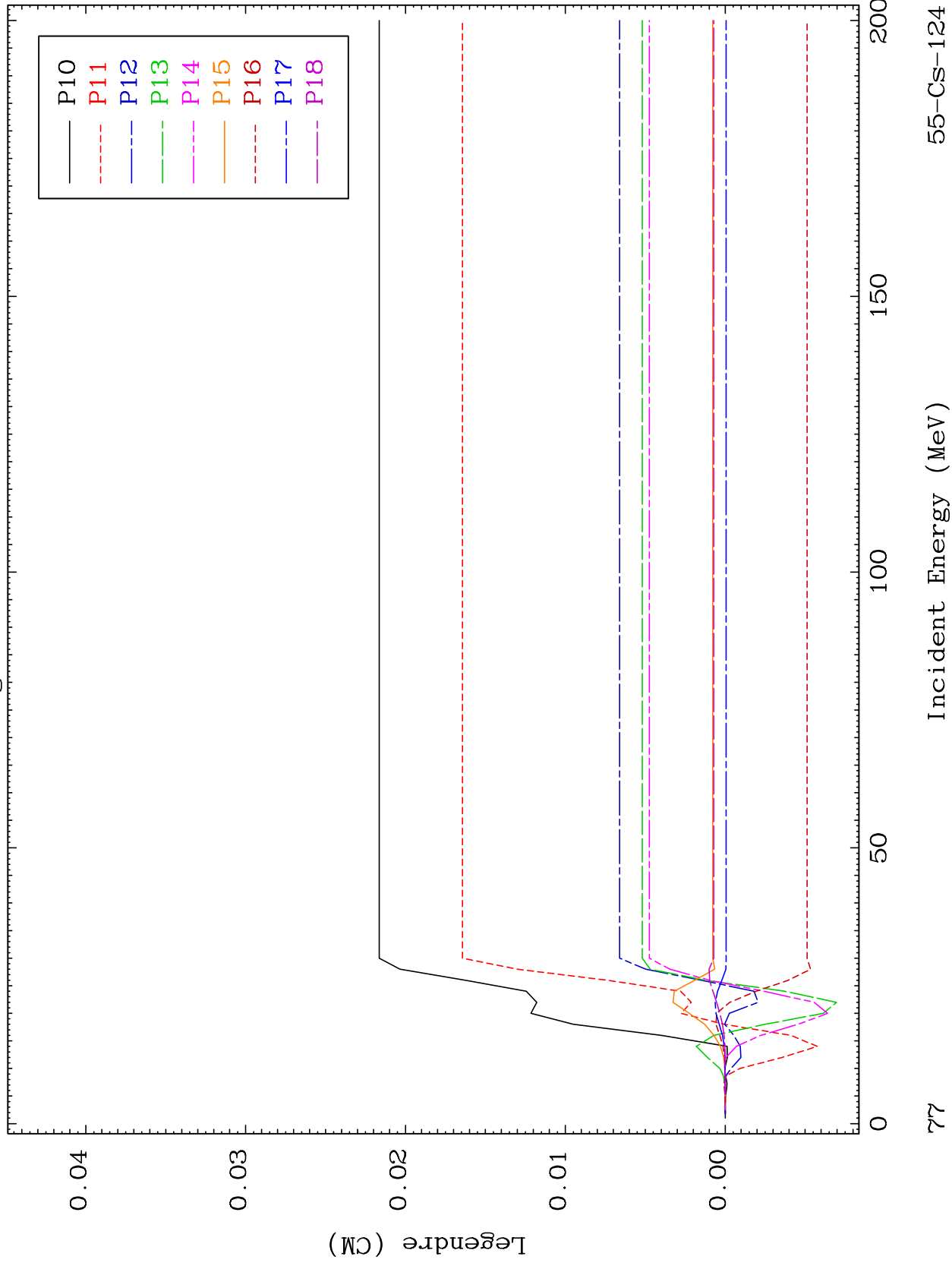
55-CS-124

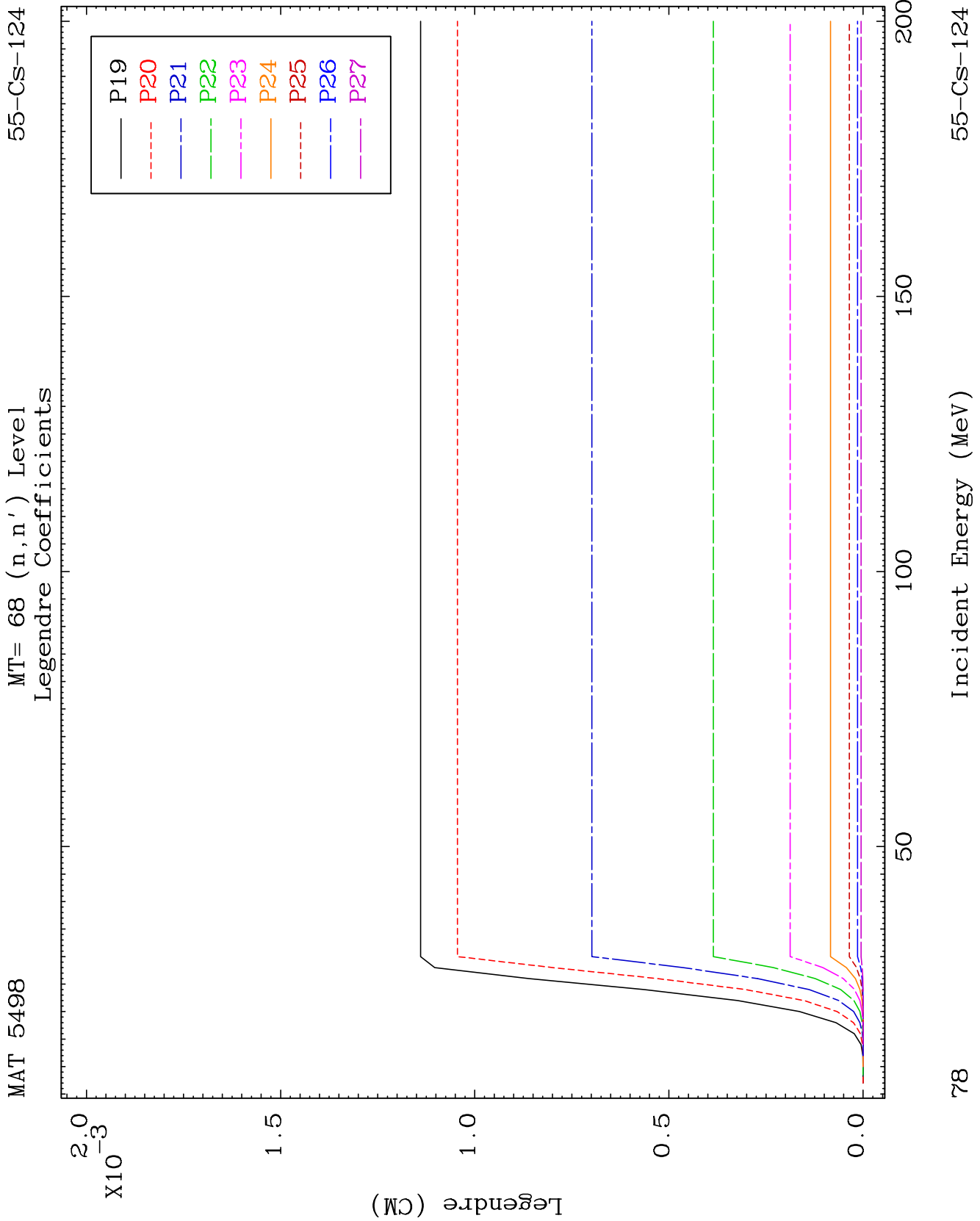


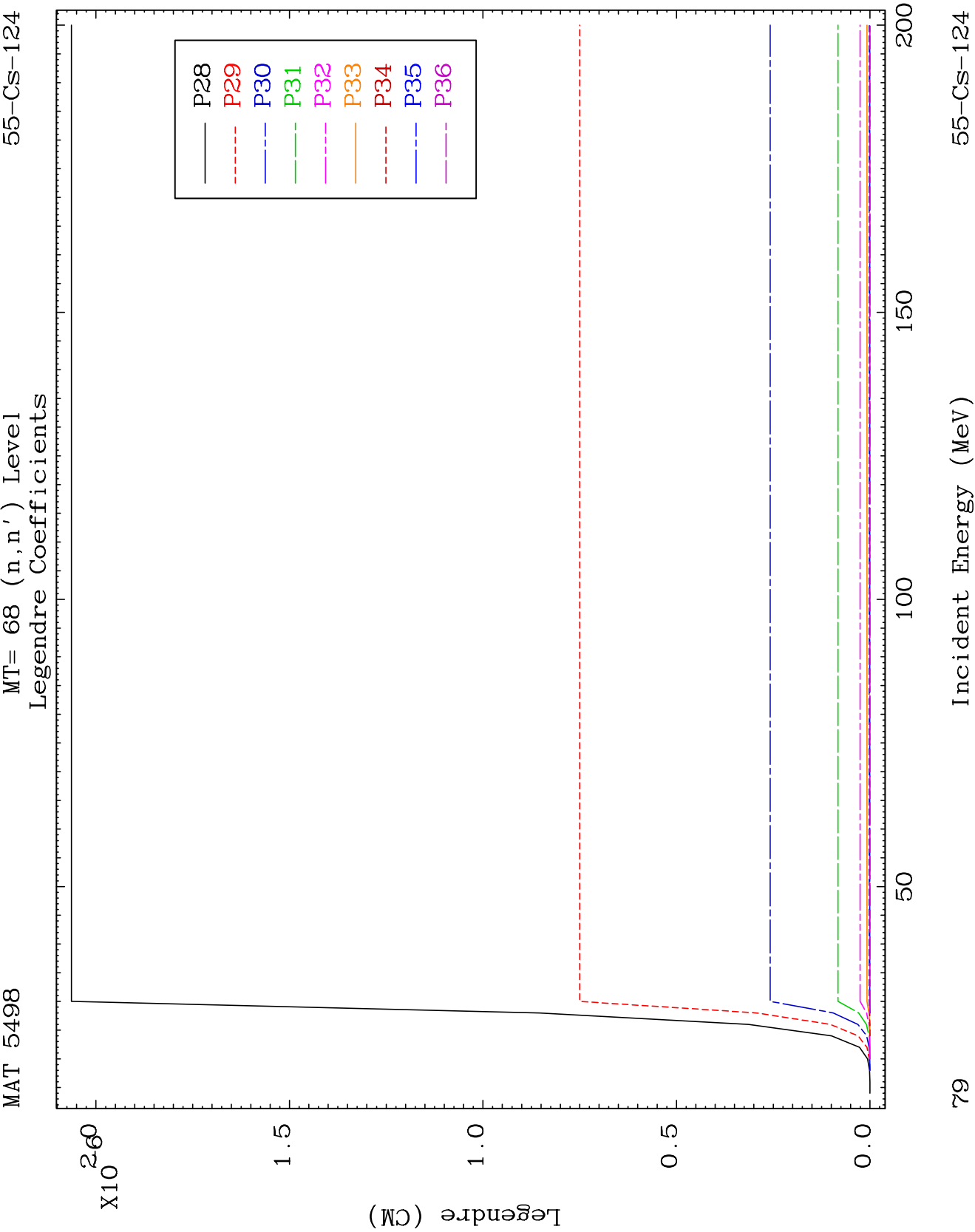
MAT 5498

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

55-CS-124





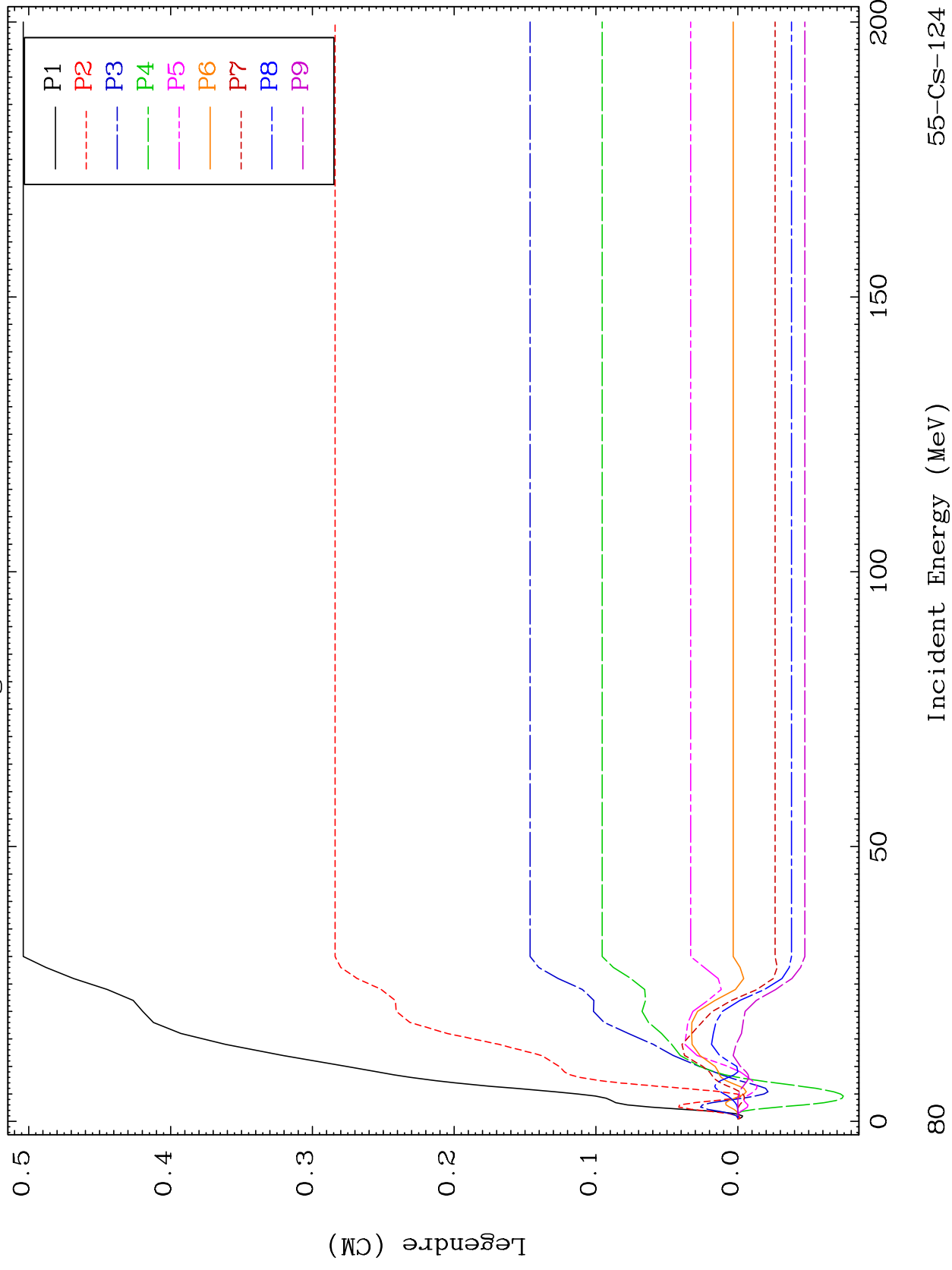


MAT 5498

MT= 69 (n, n') Level

55-CS-124

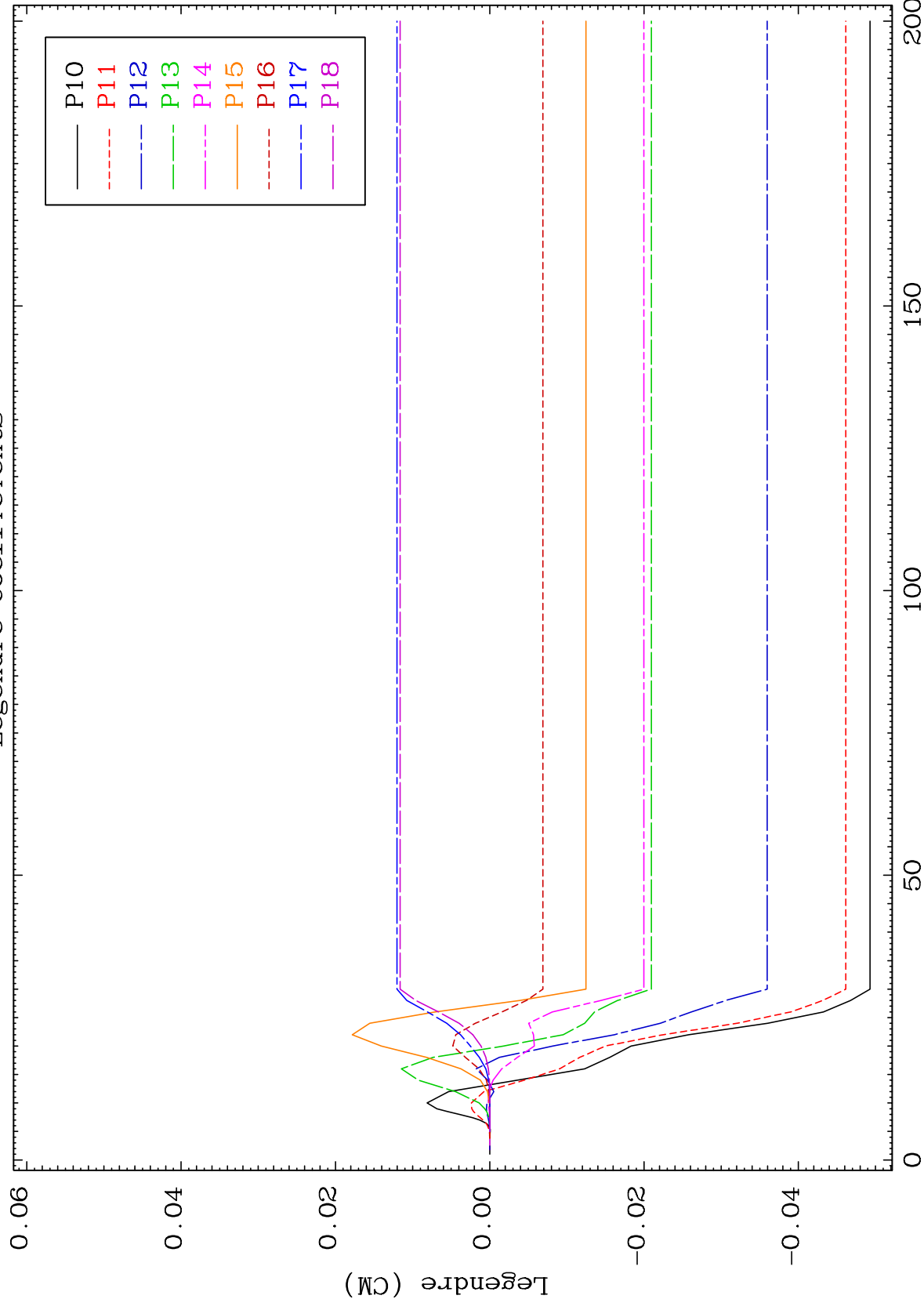
Legendre Coefficients



MAT 5498

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

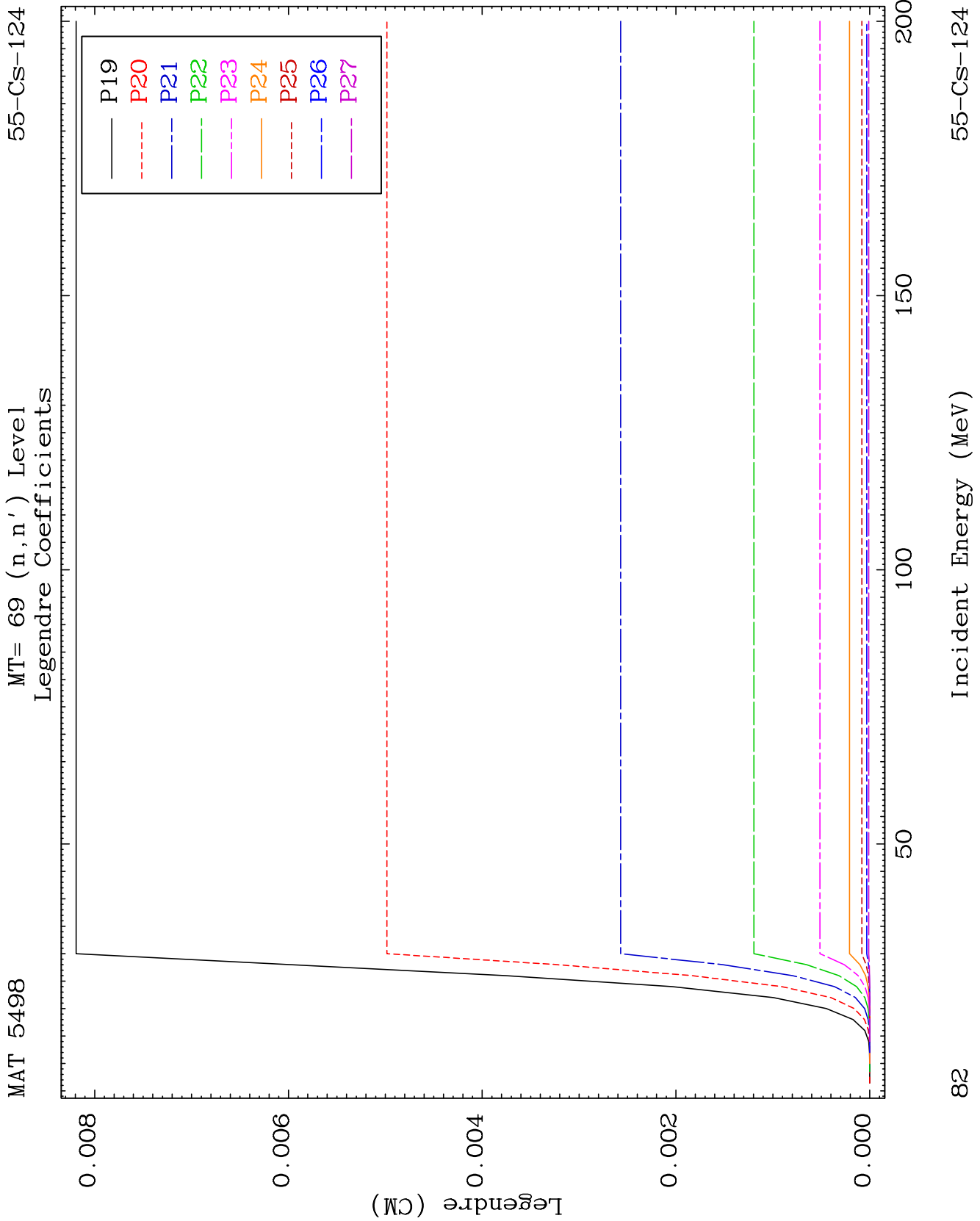
55-CS-124

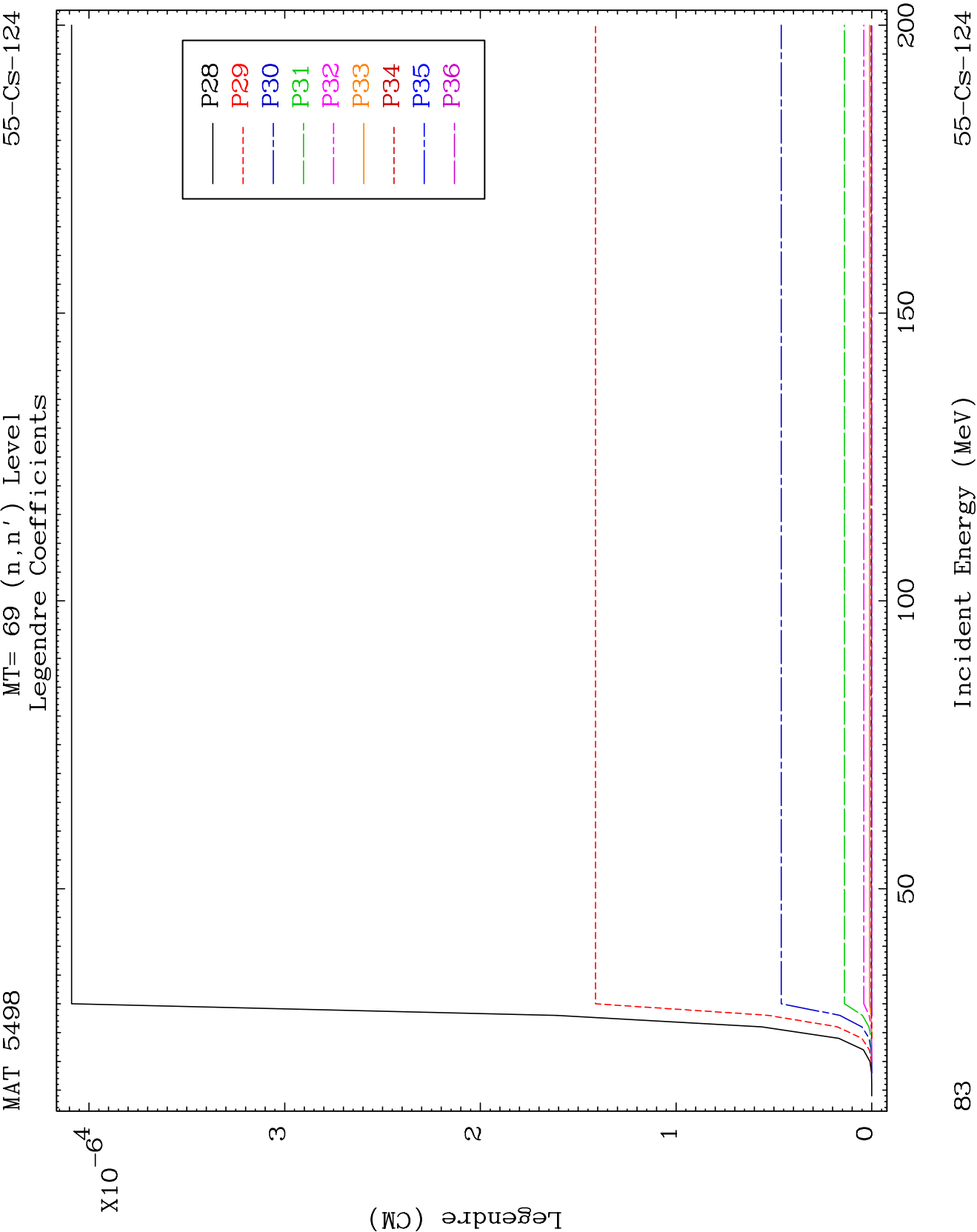


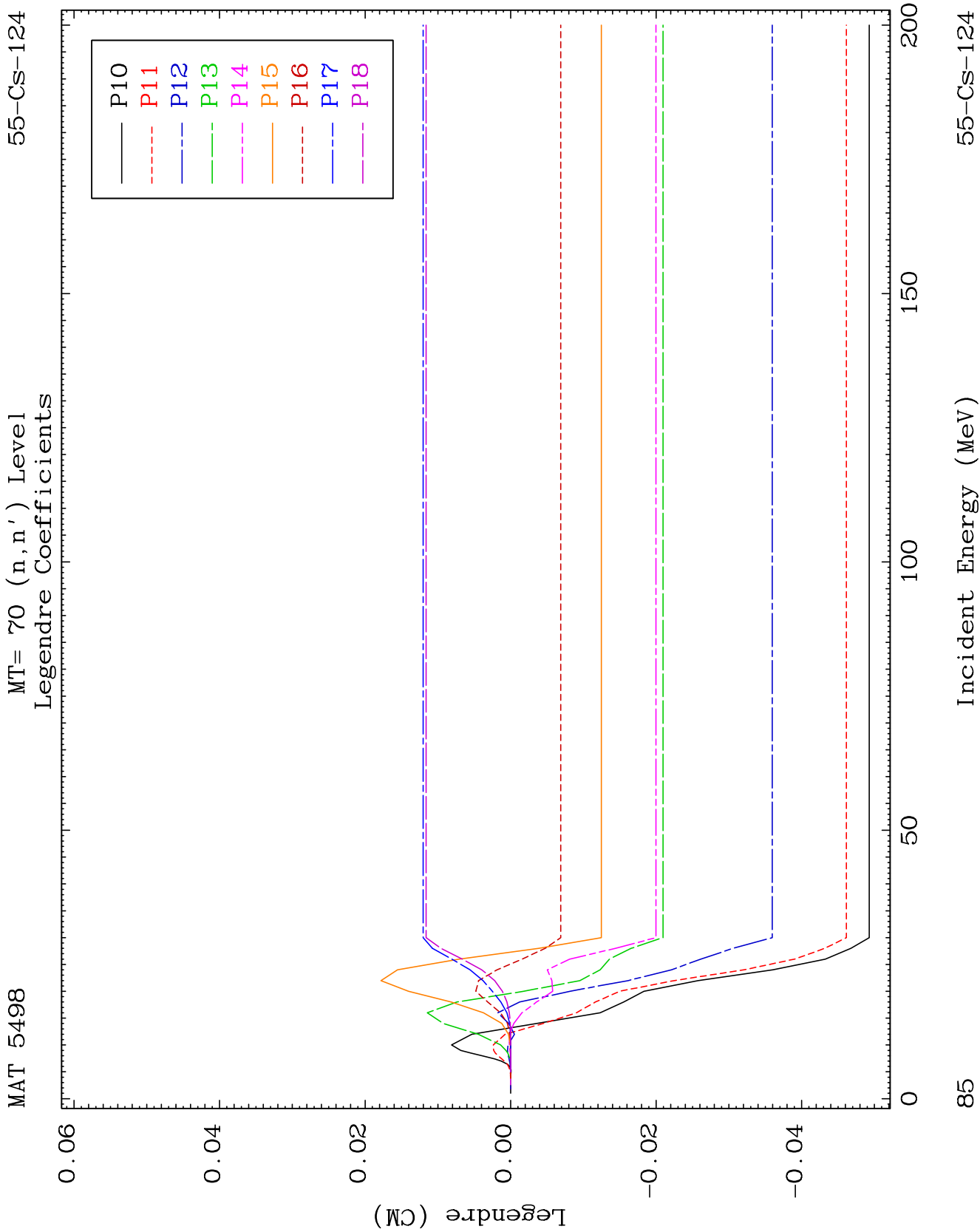
81

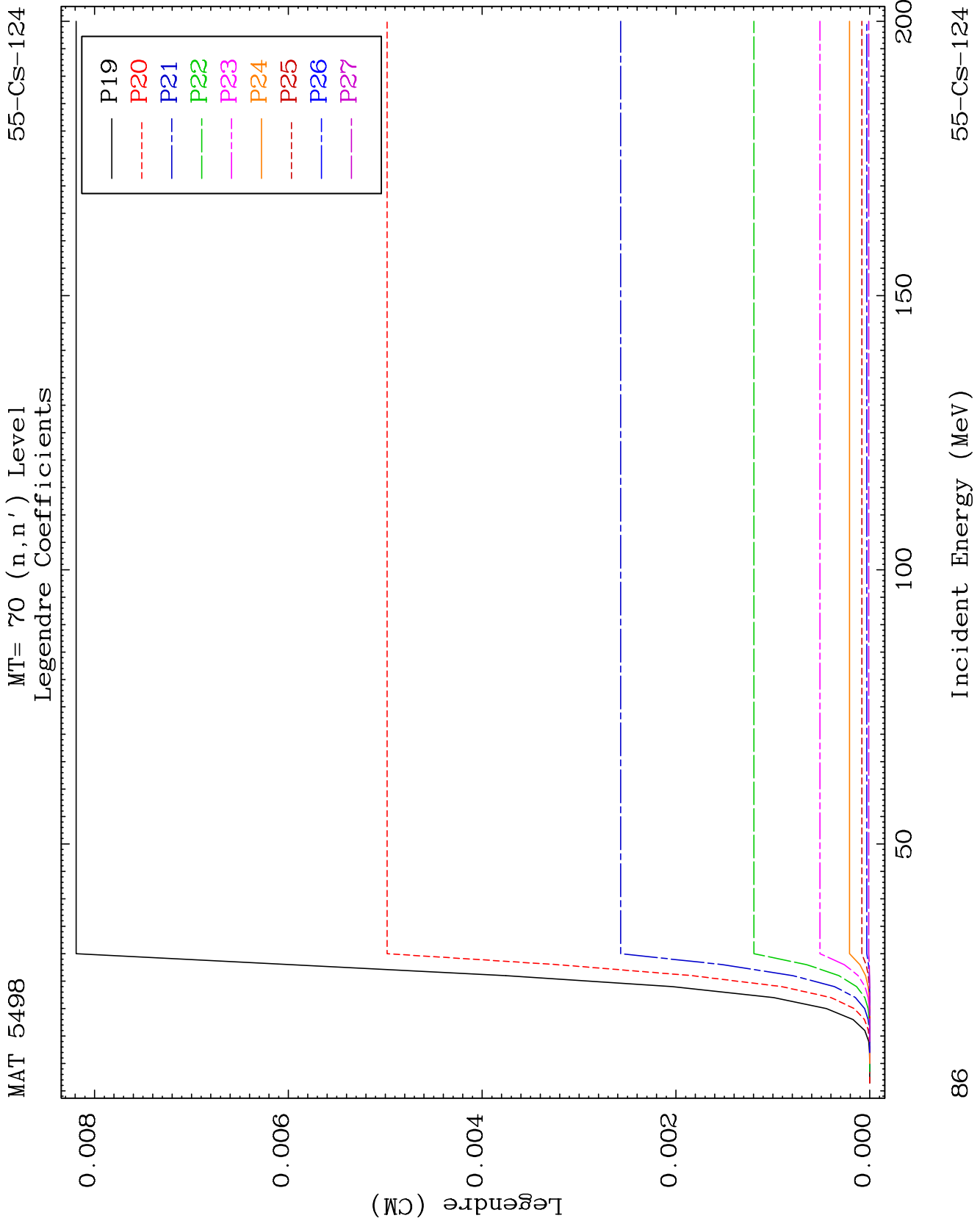
Incident Energy (MeV)

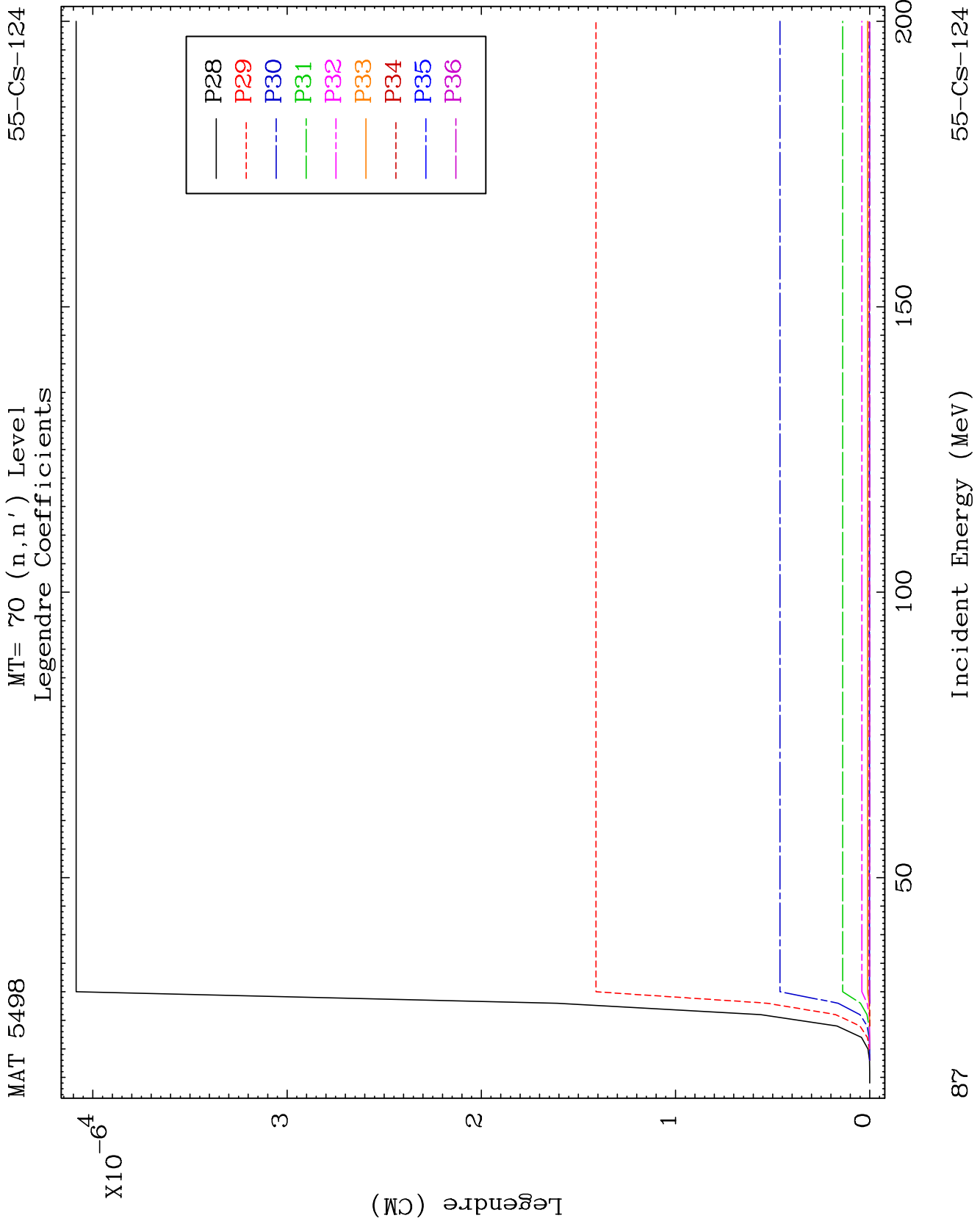
55-Cs-124







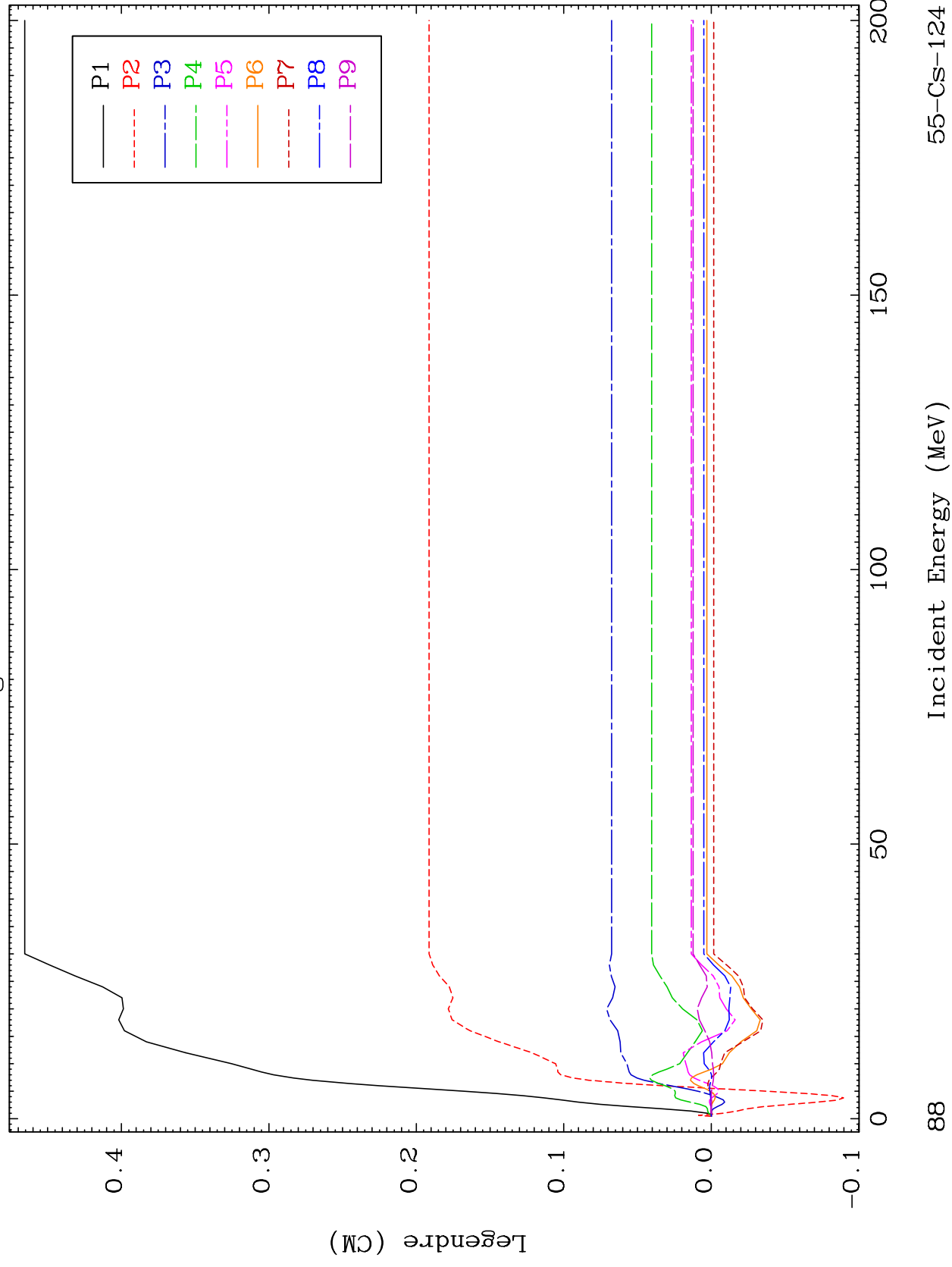


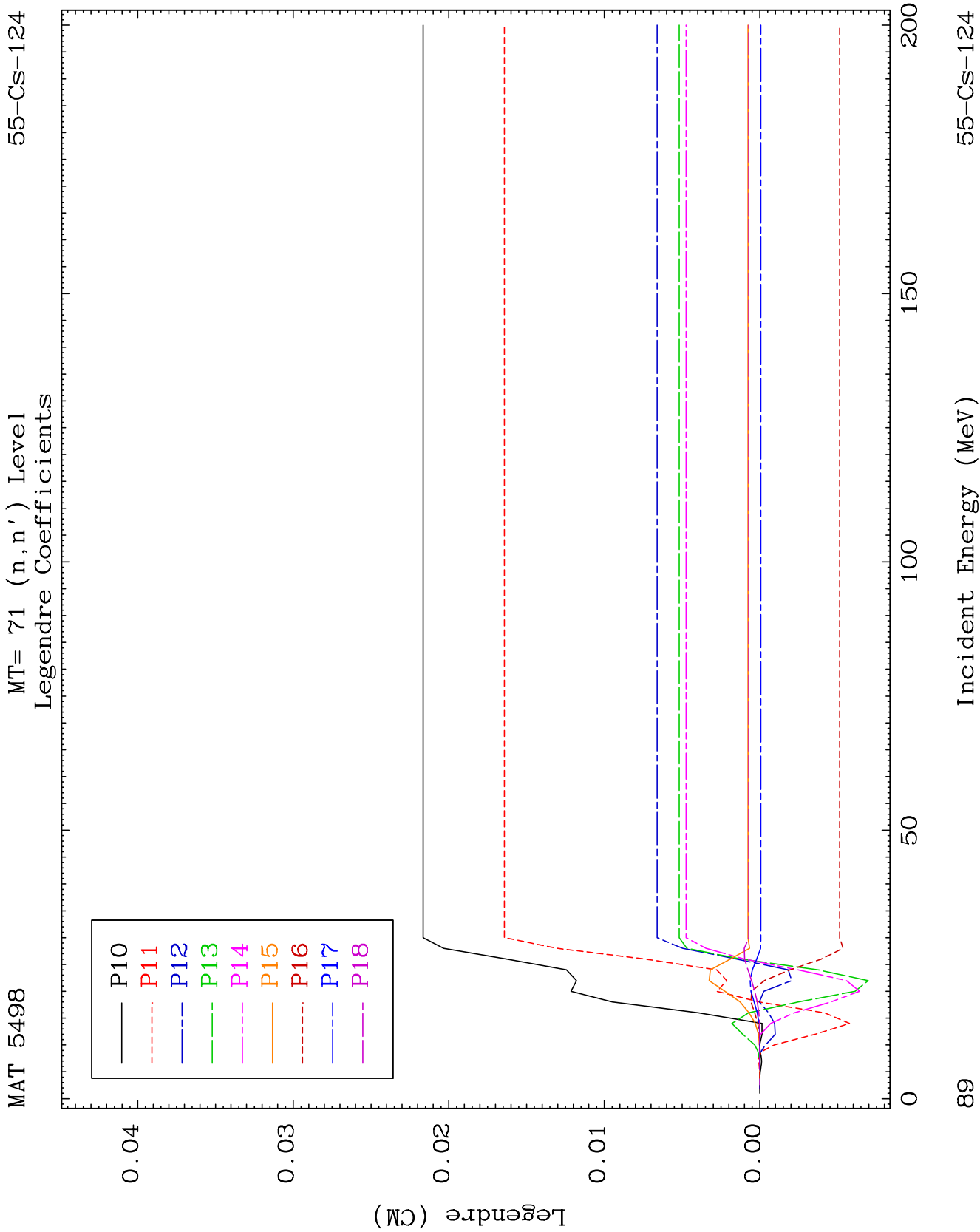


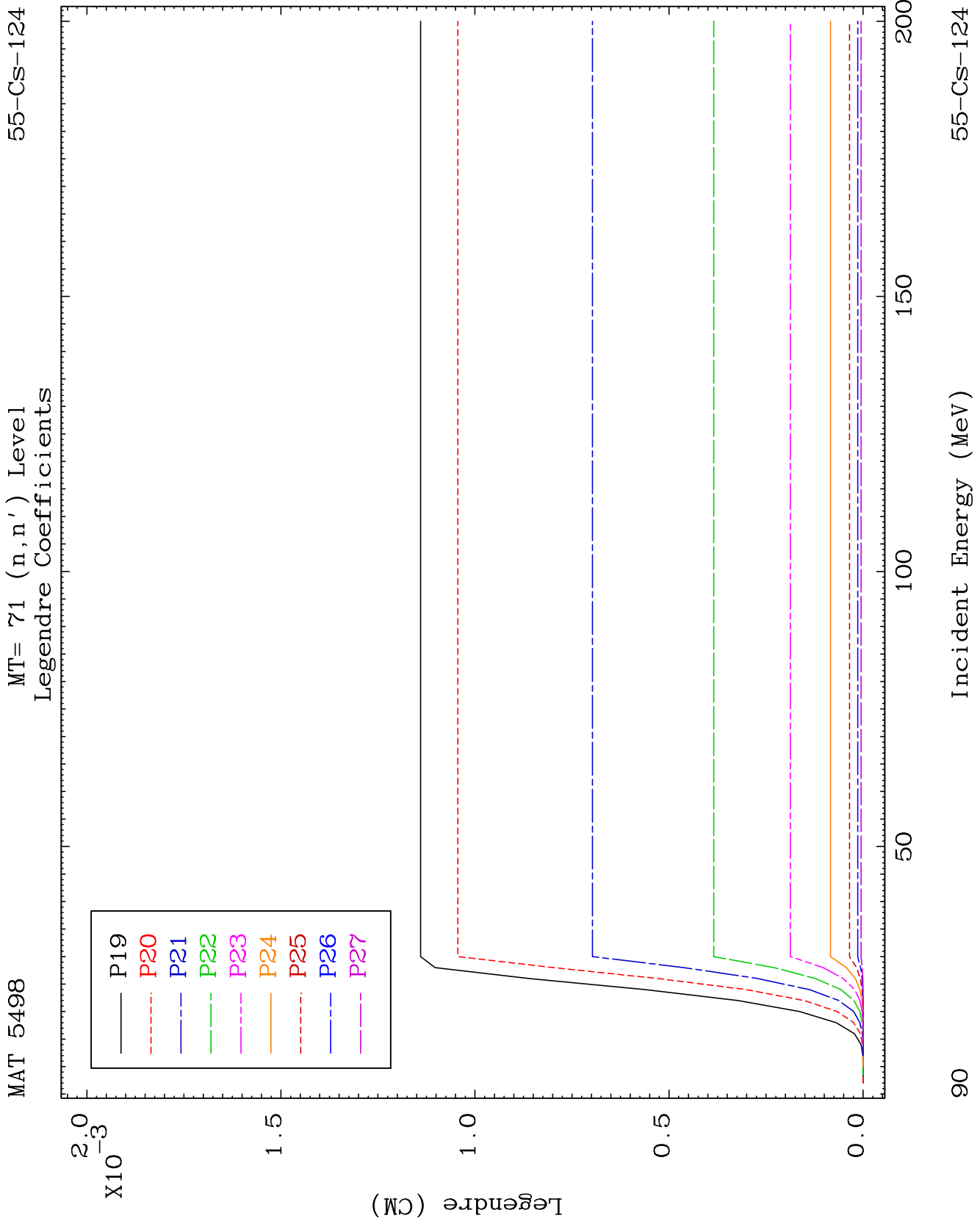
MAT 5498

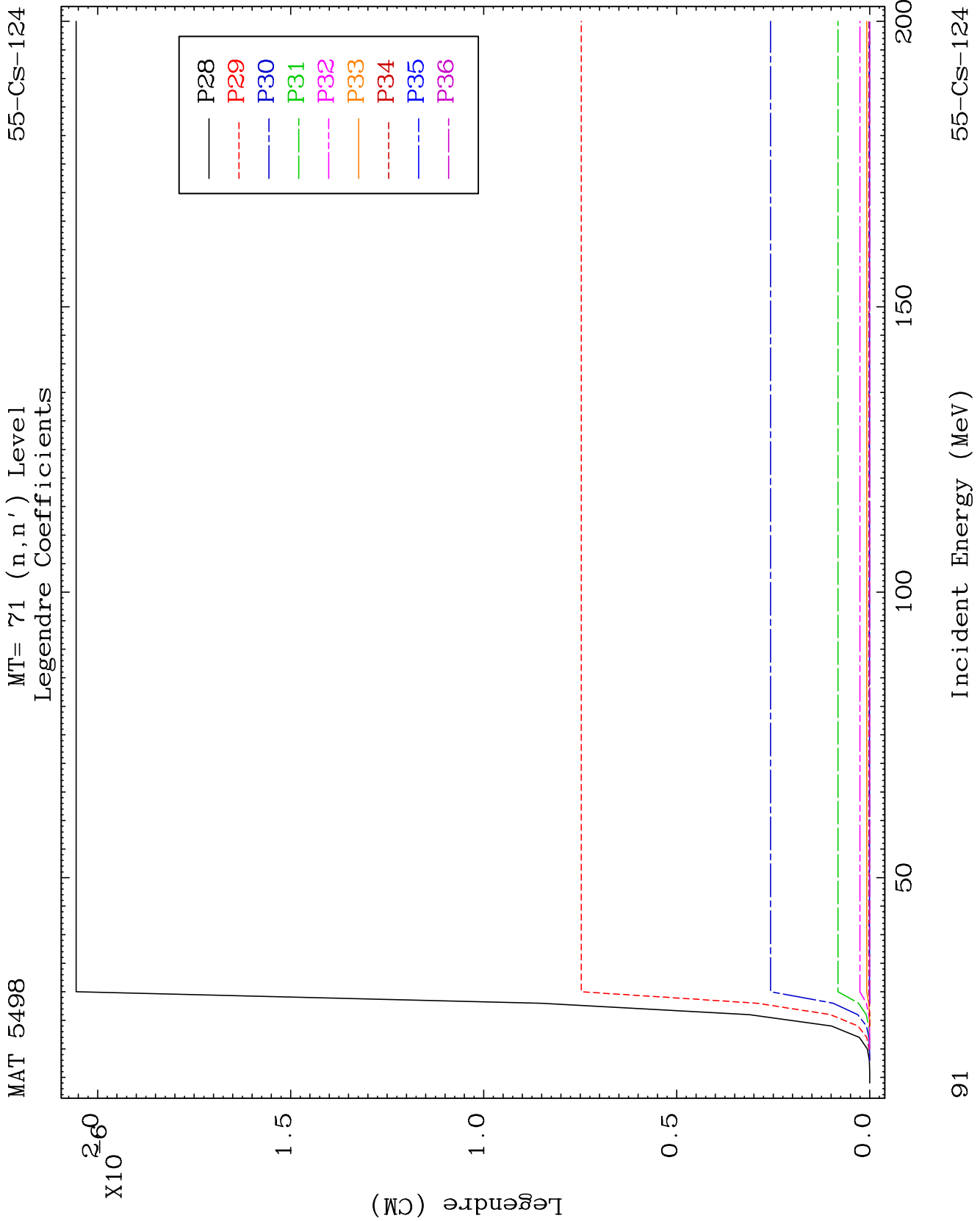
MT= 71 (n, n') Level
Legendre Coefficients

55-CS-124





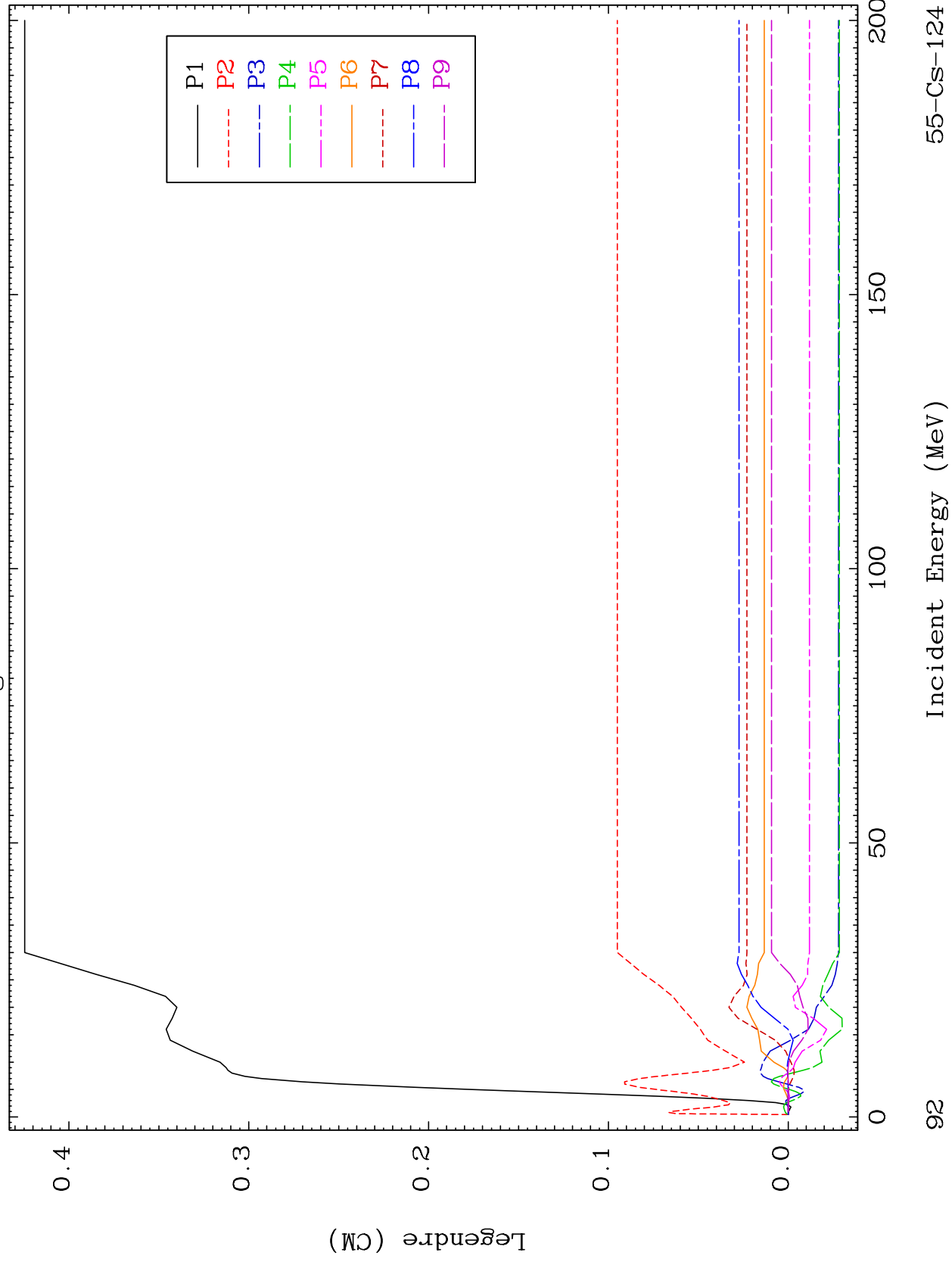




MAT 5498

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

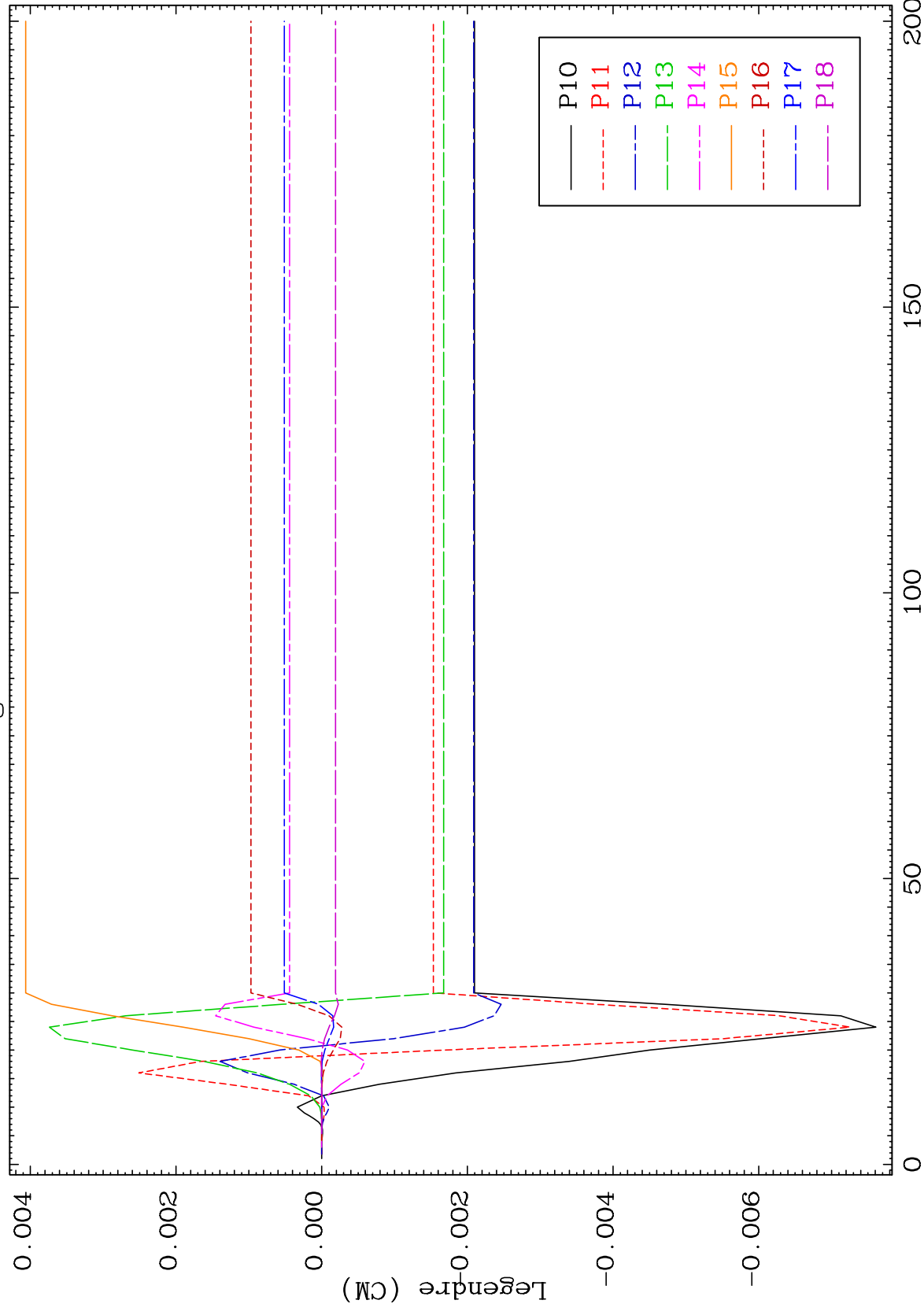
55-CS-124



MAT 5498

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

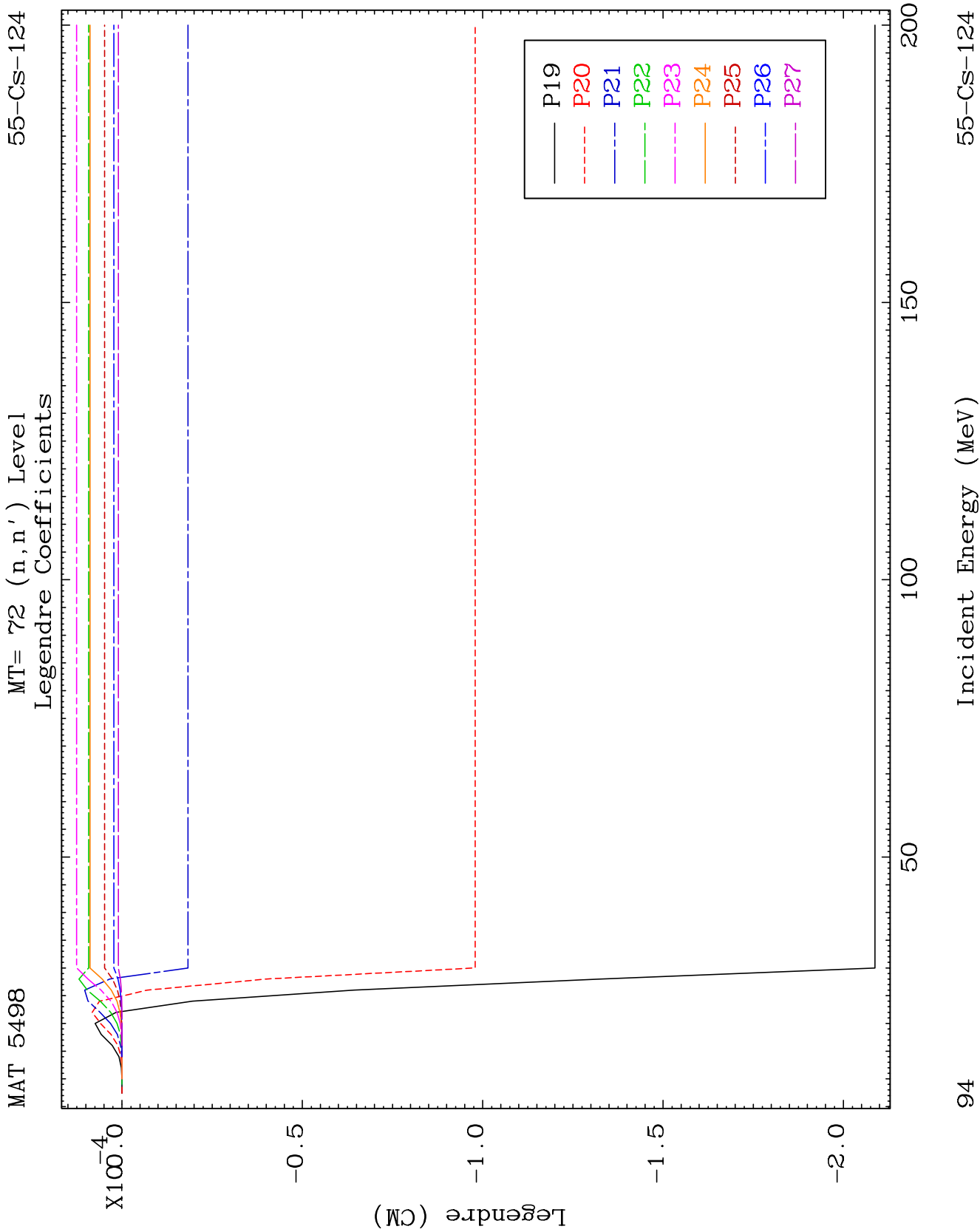
55-CS-124

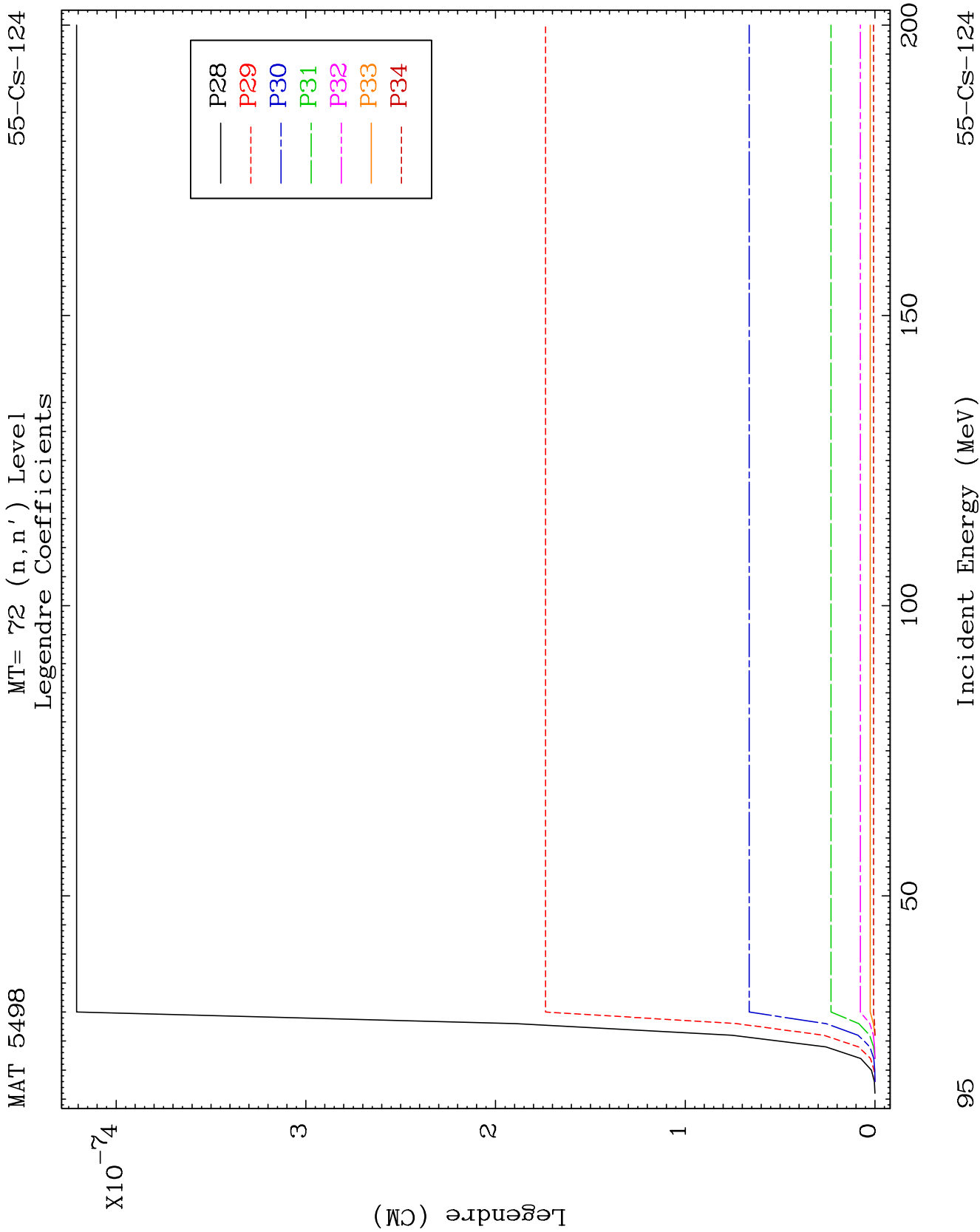


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Incident Energy (MeV)

55-Cs-124

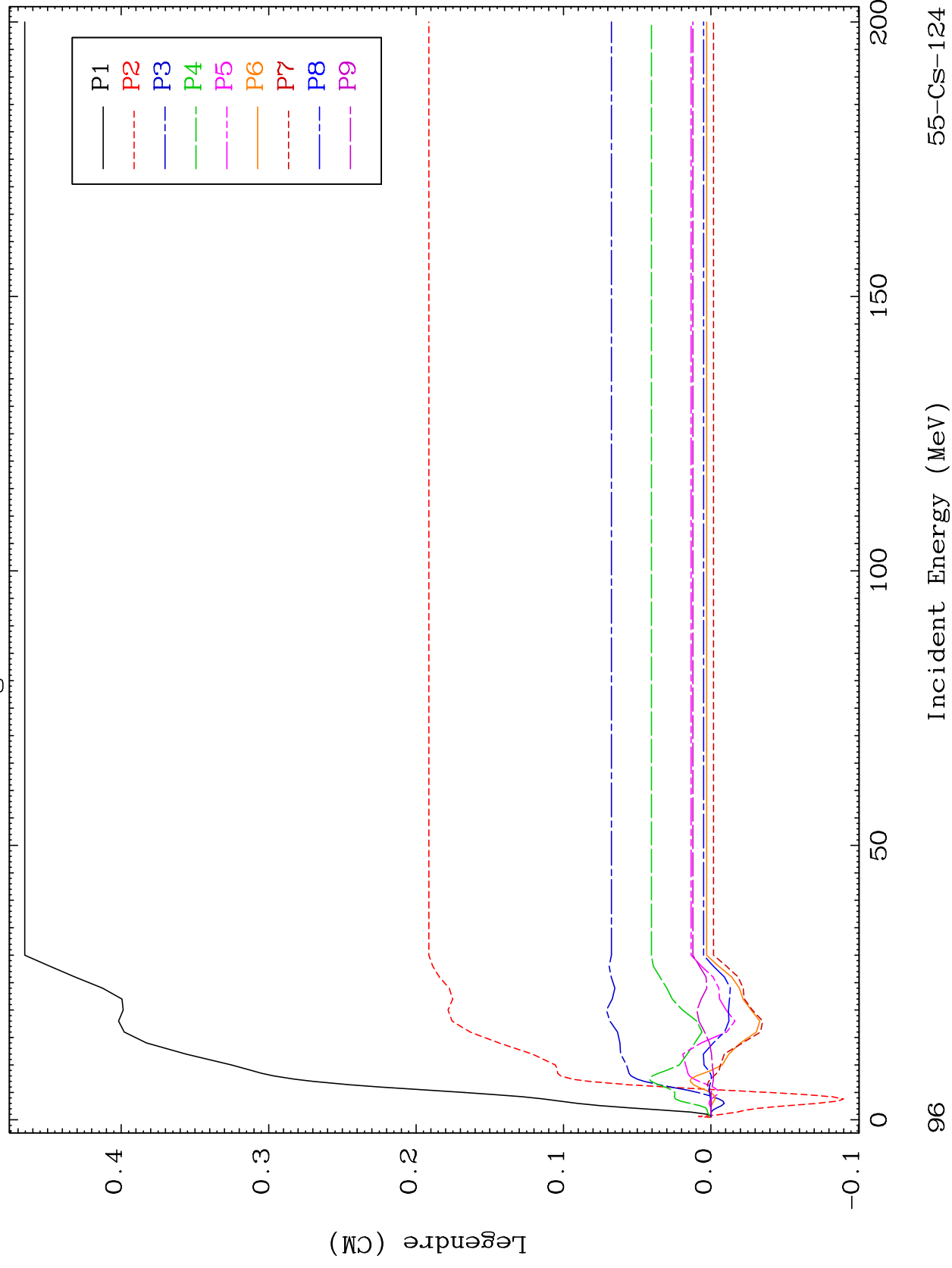


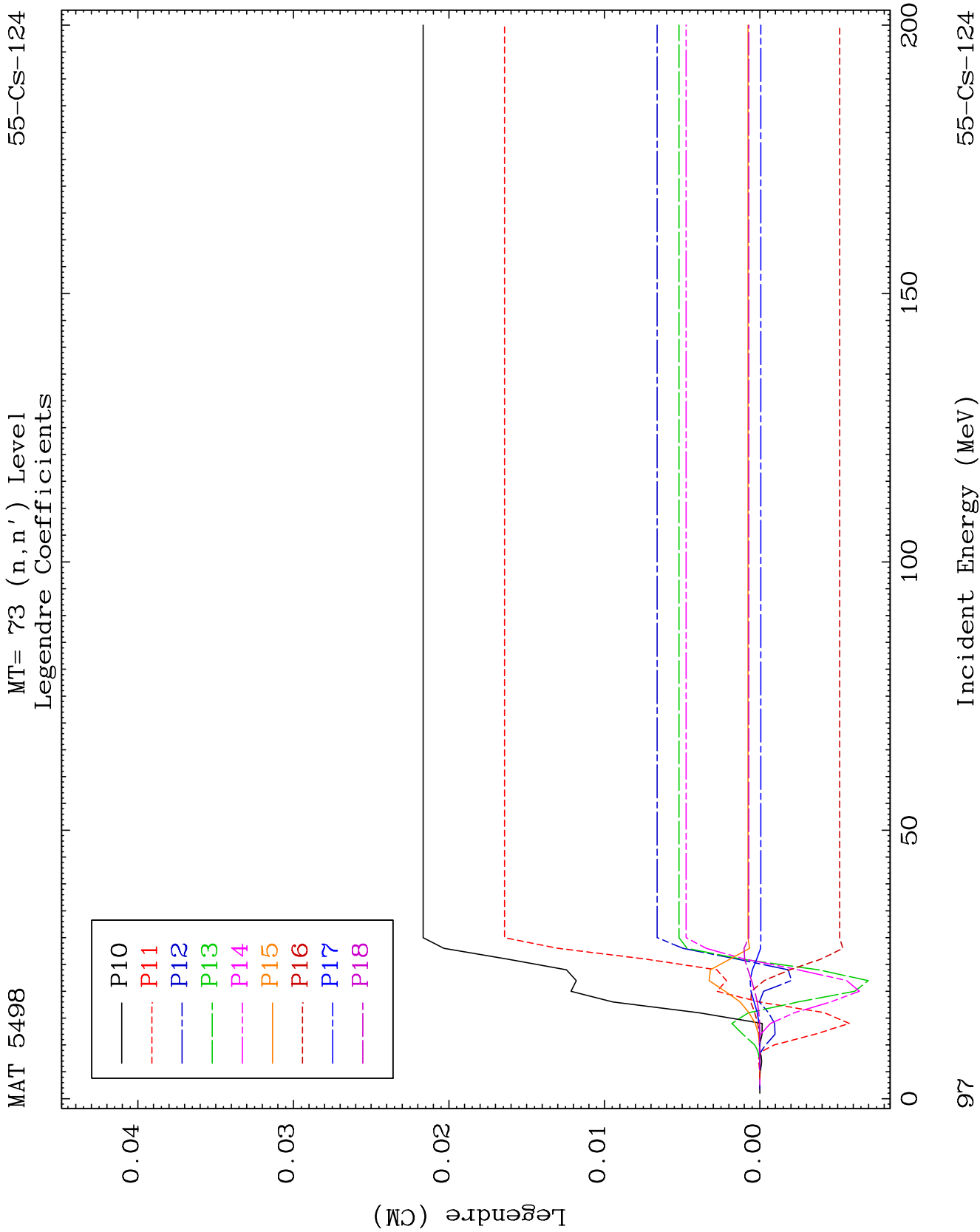


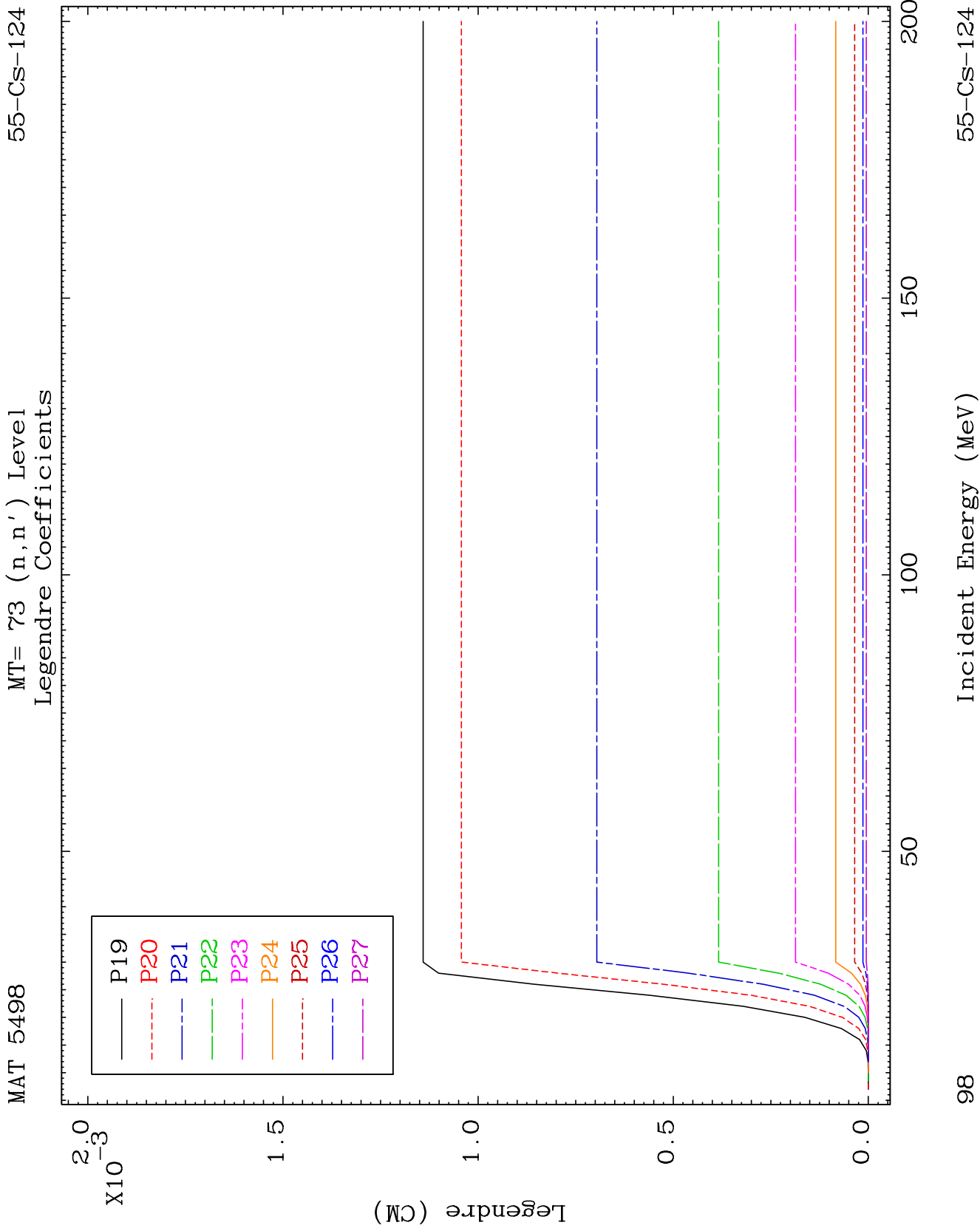
MAT 5498

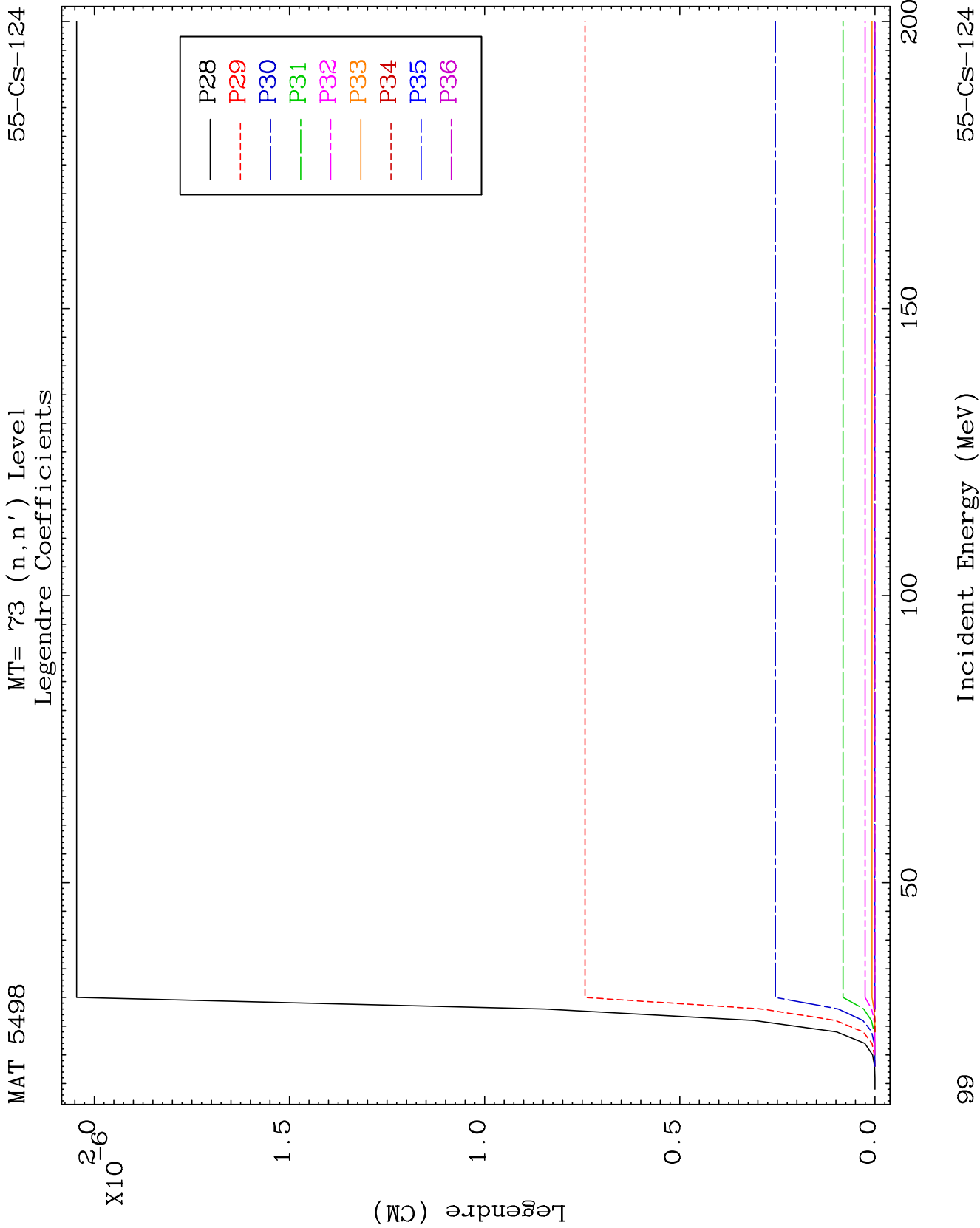
MT= 73 (n, n') Level
Legendre Coefficients

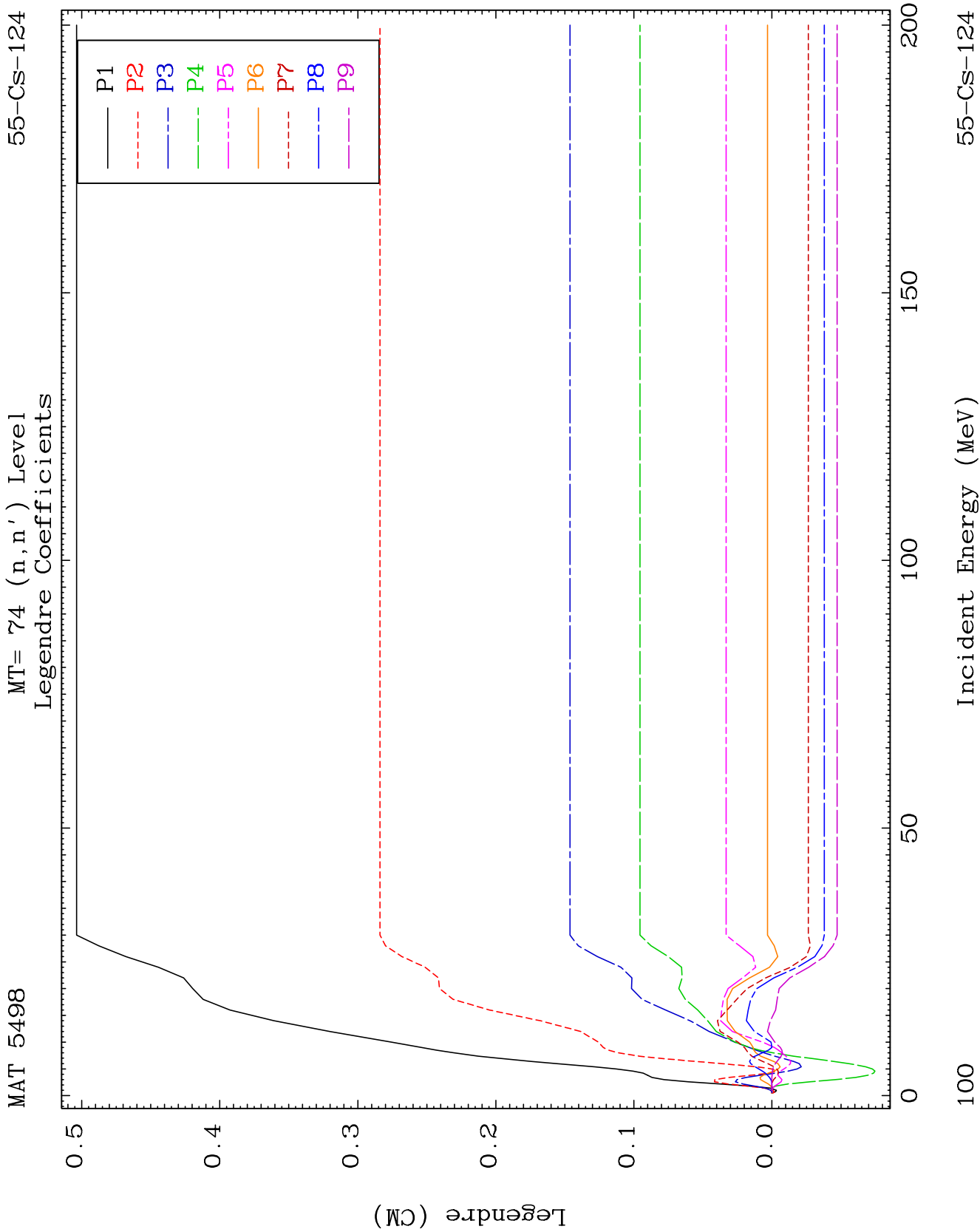
55-CS-124







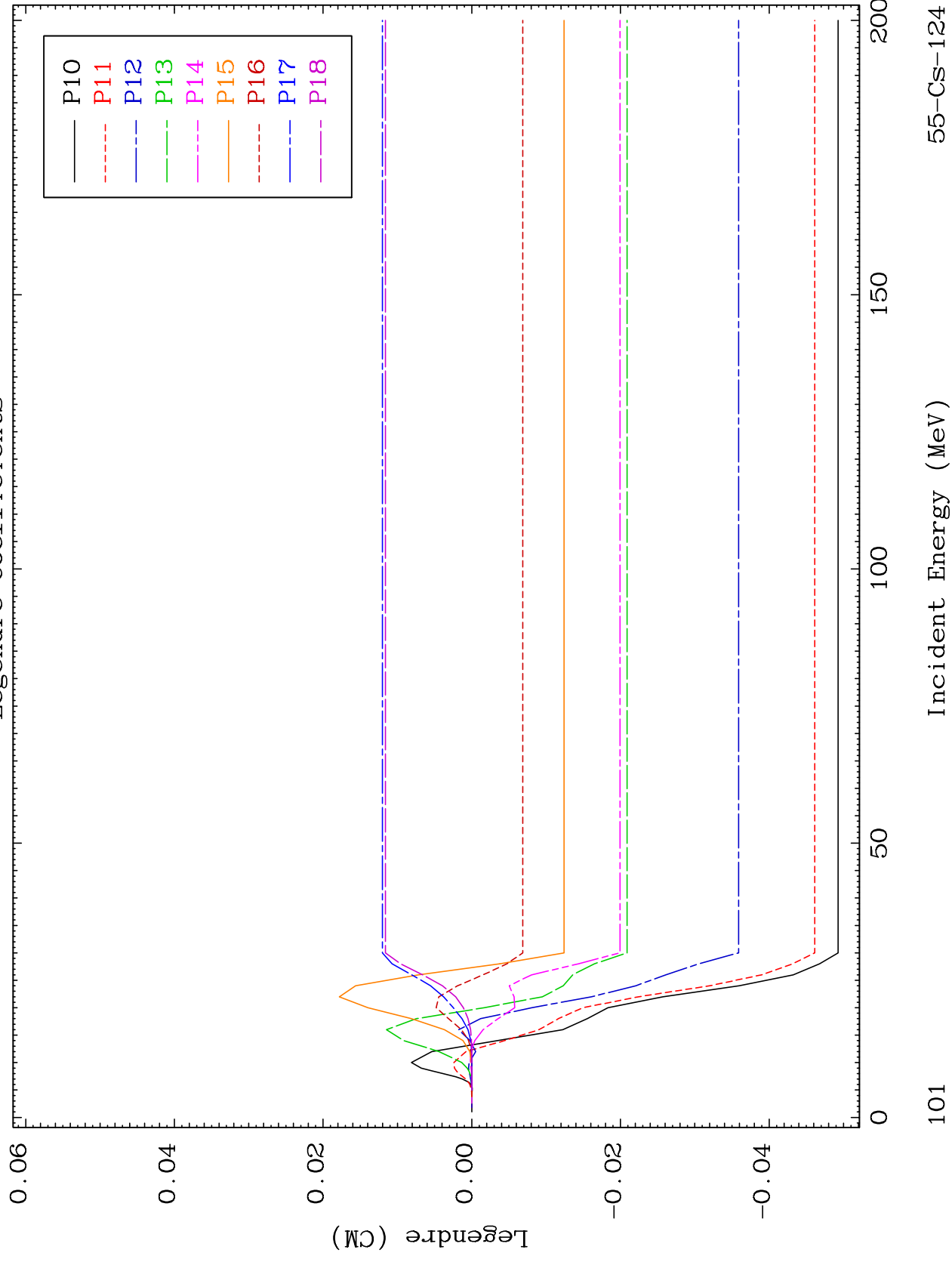


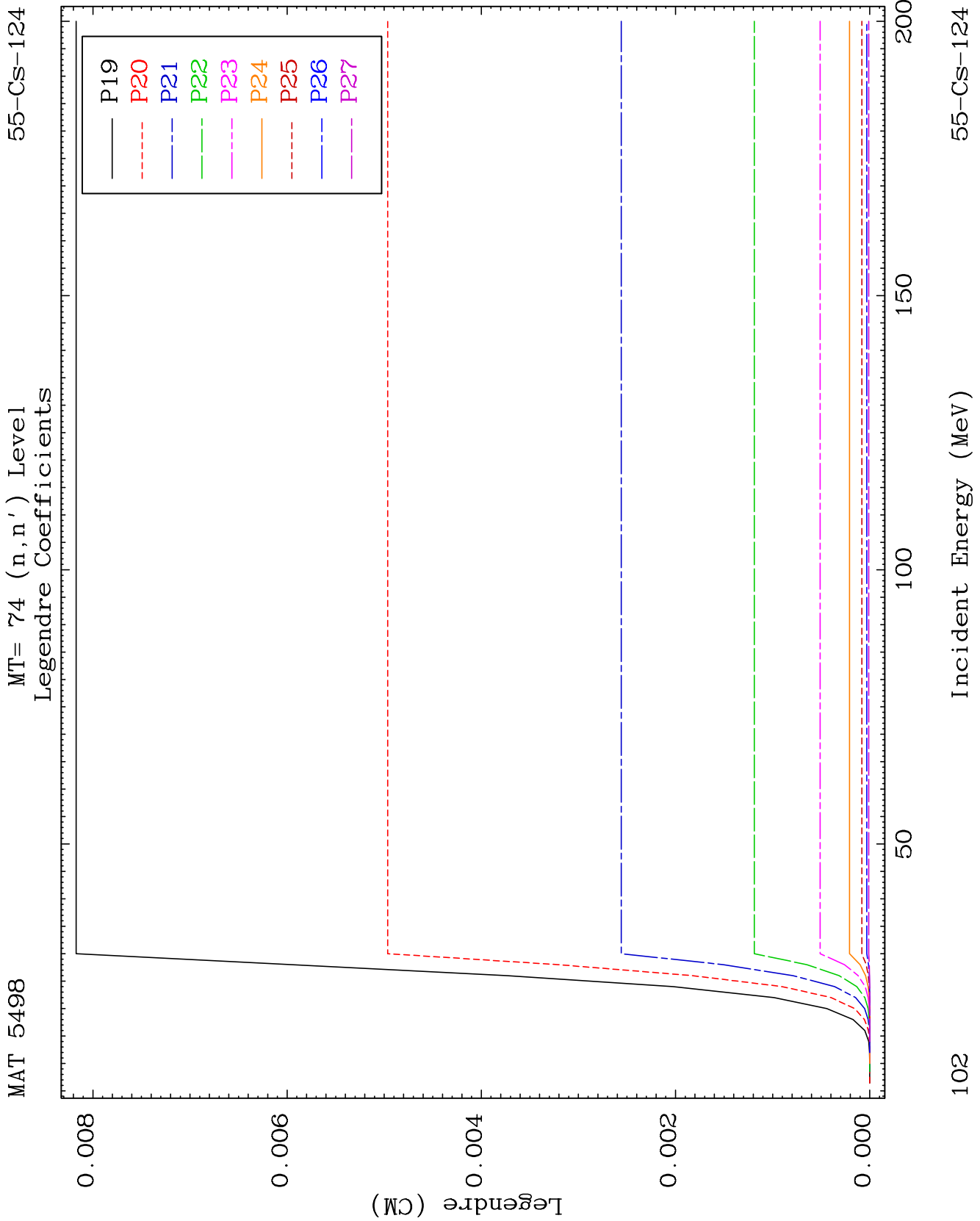


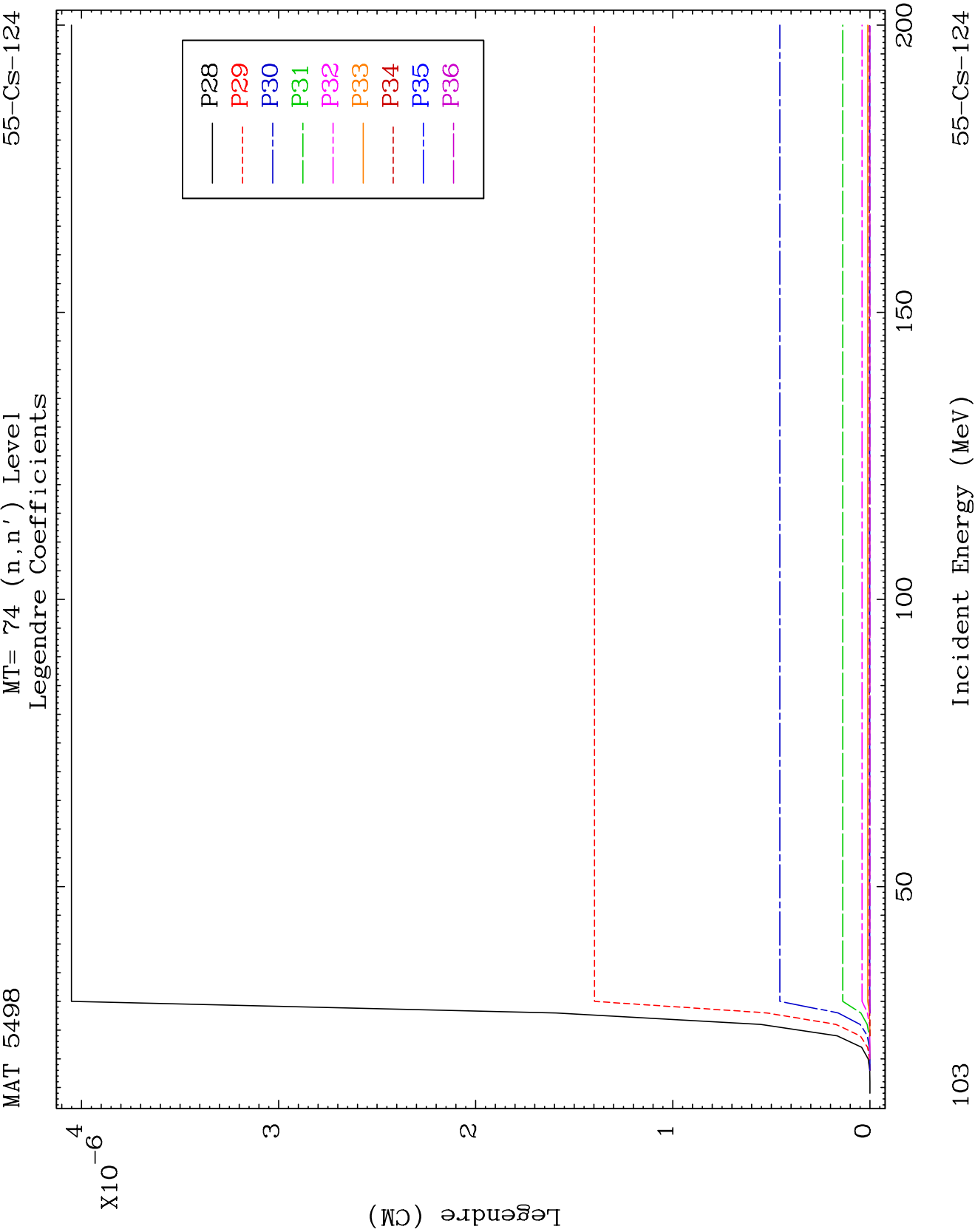
MAT 5498

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

55-CS-124



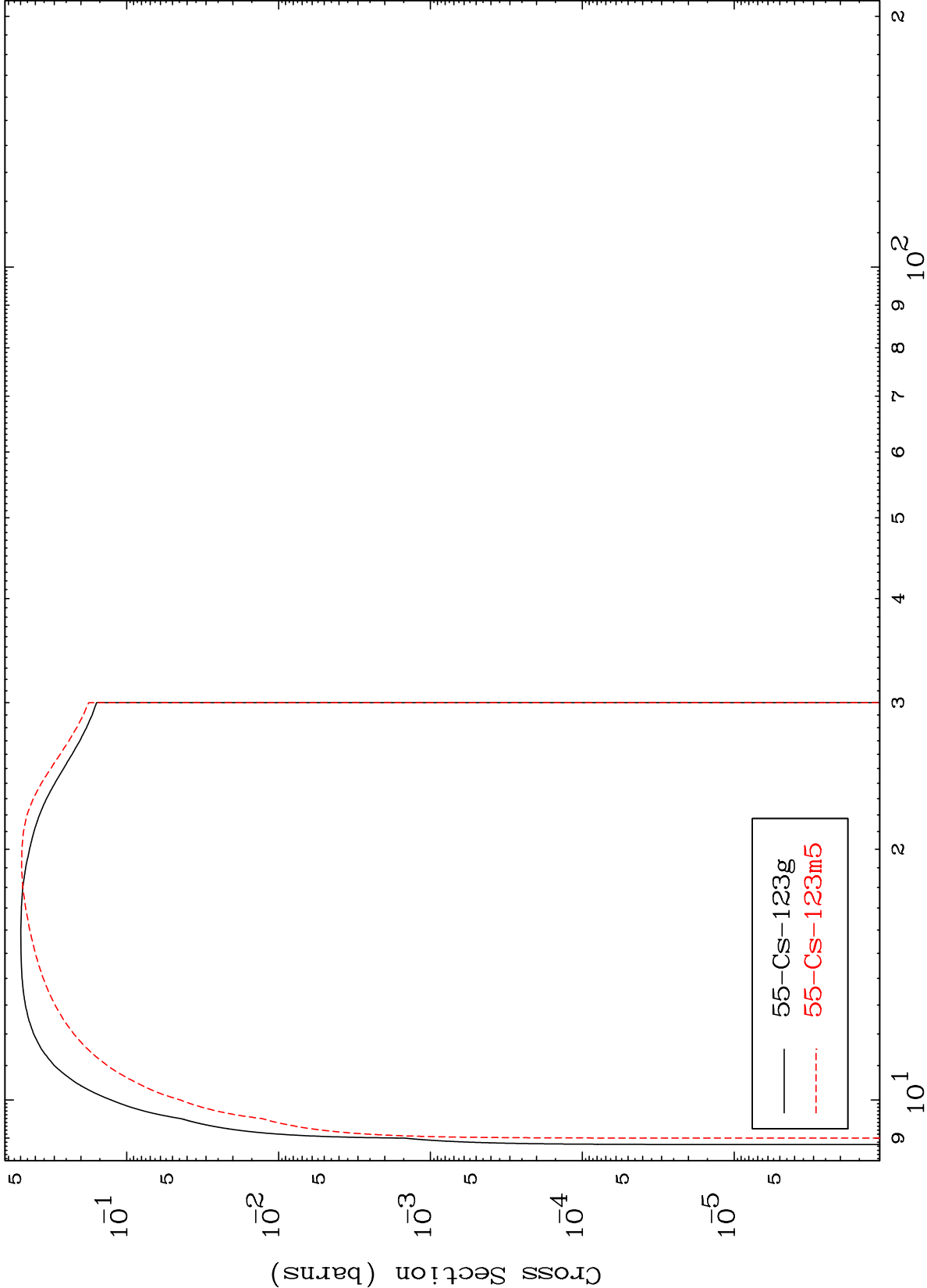




MAT 5498

55-Cs-124

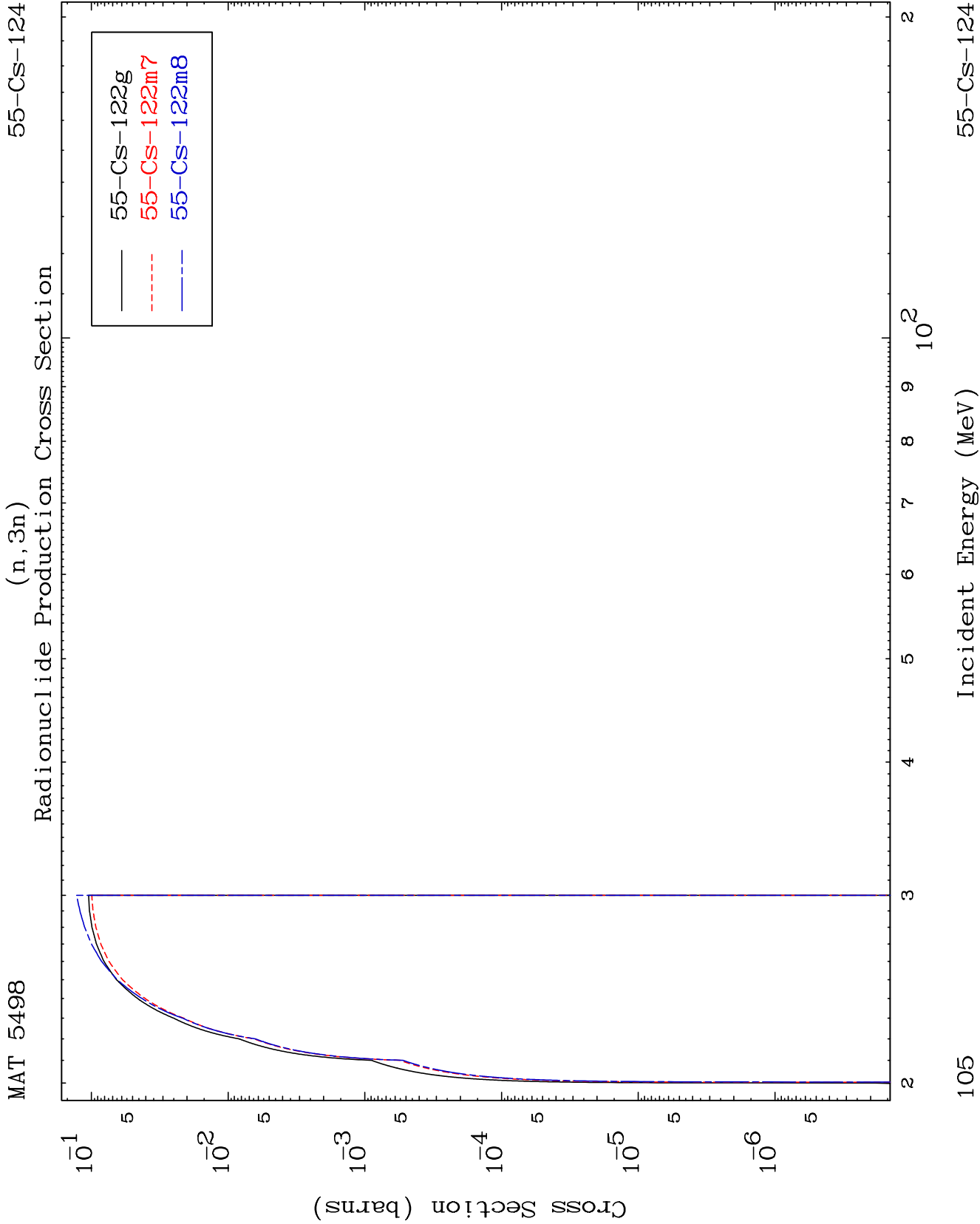
(n,2n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

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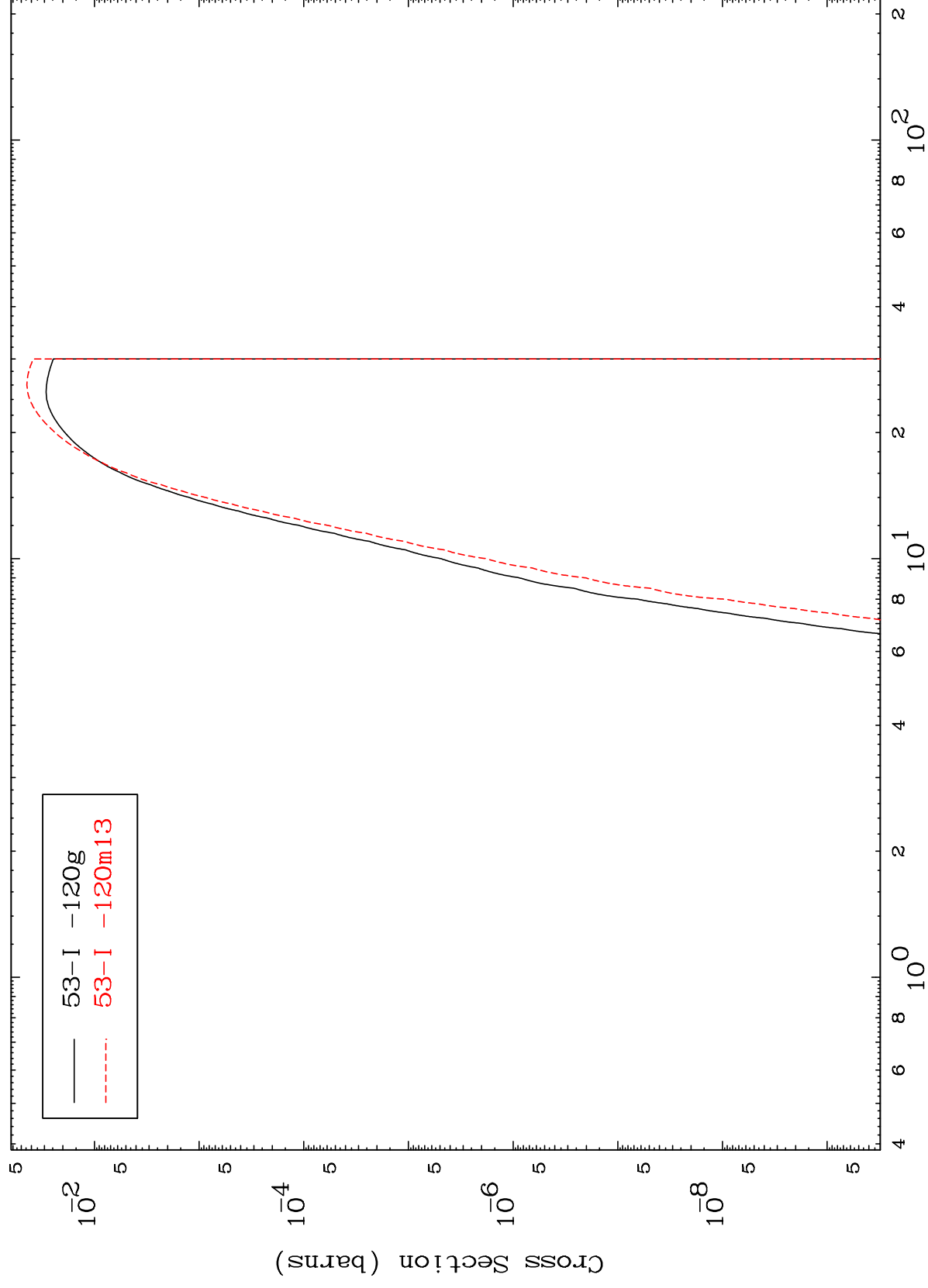


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$$(n, n') \propto$$

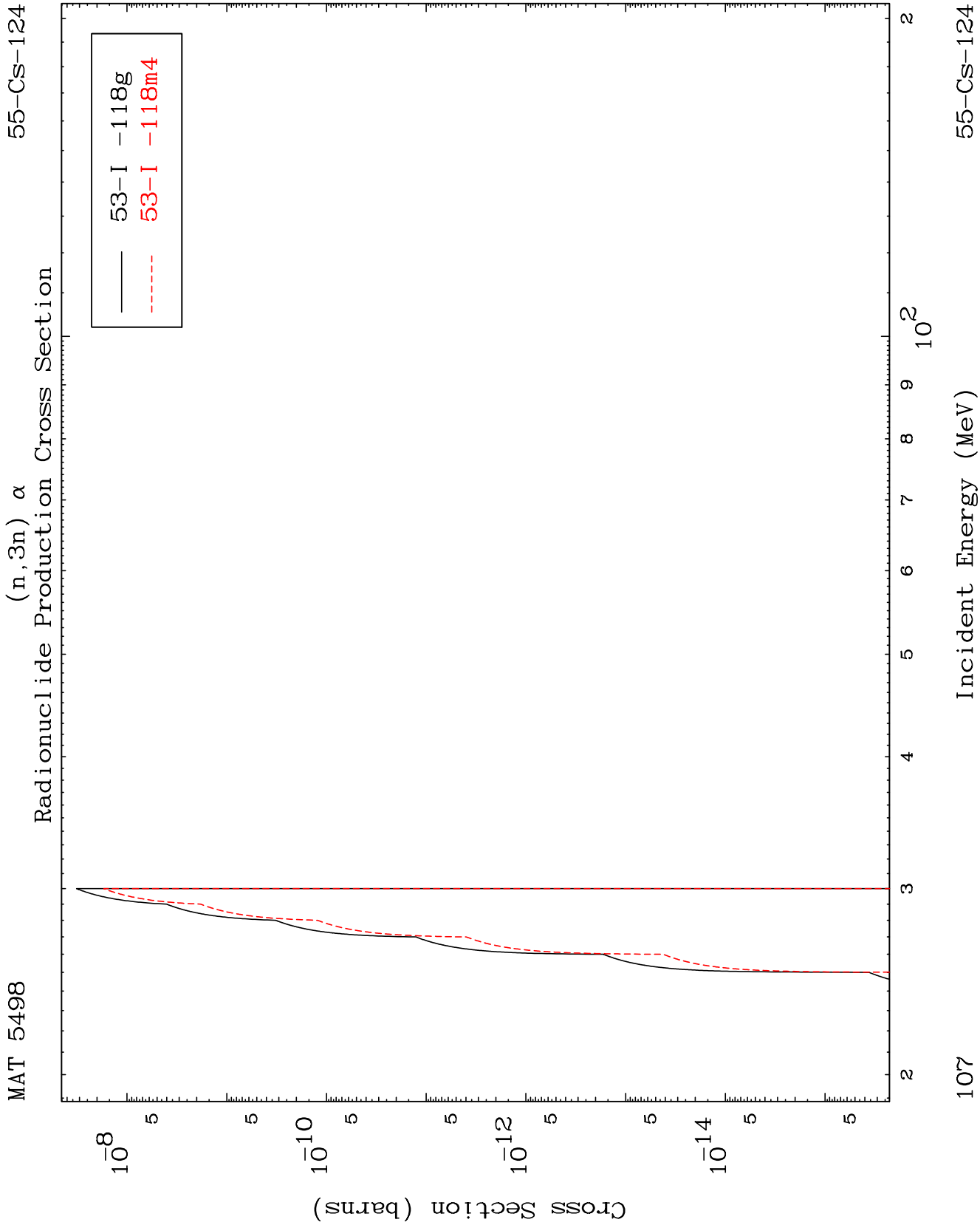
Radionuclide Production Cross Section

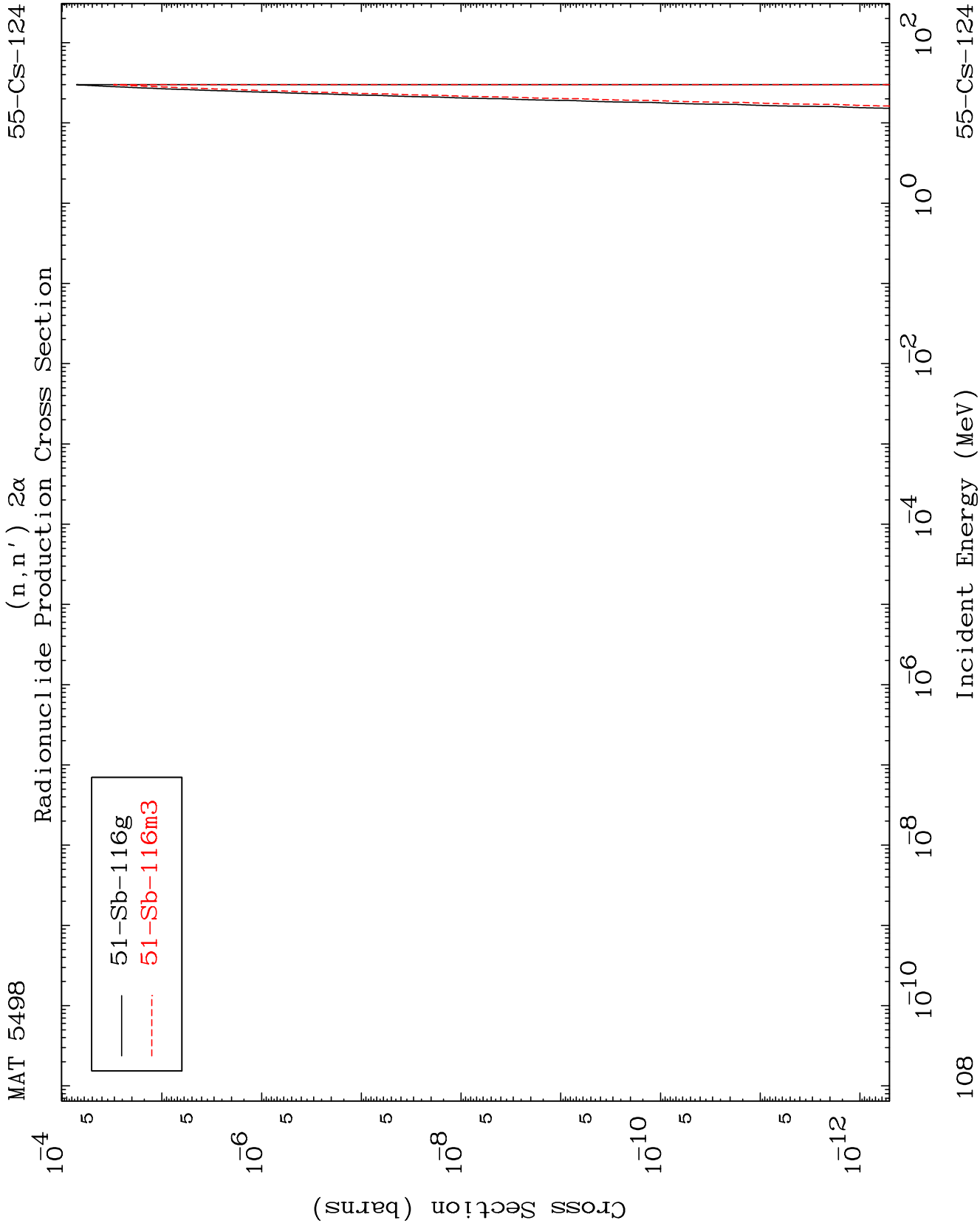


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Incident Energy (MeV)

55-Cs-124

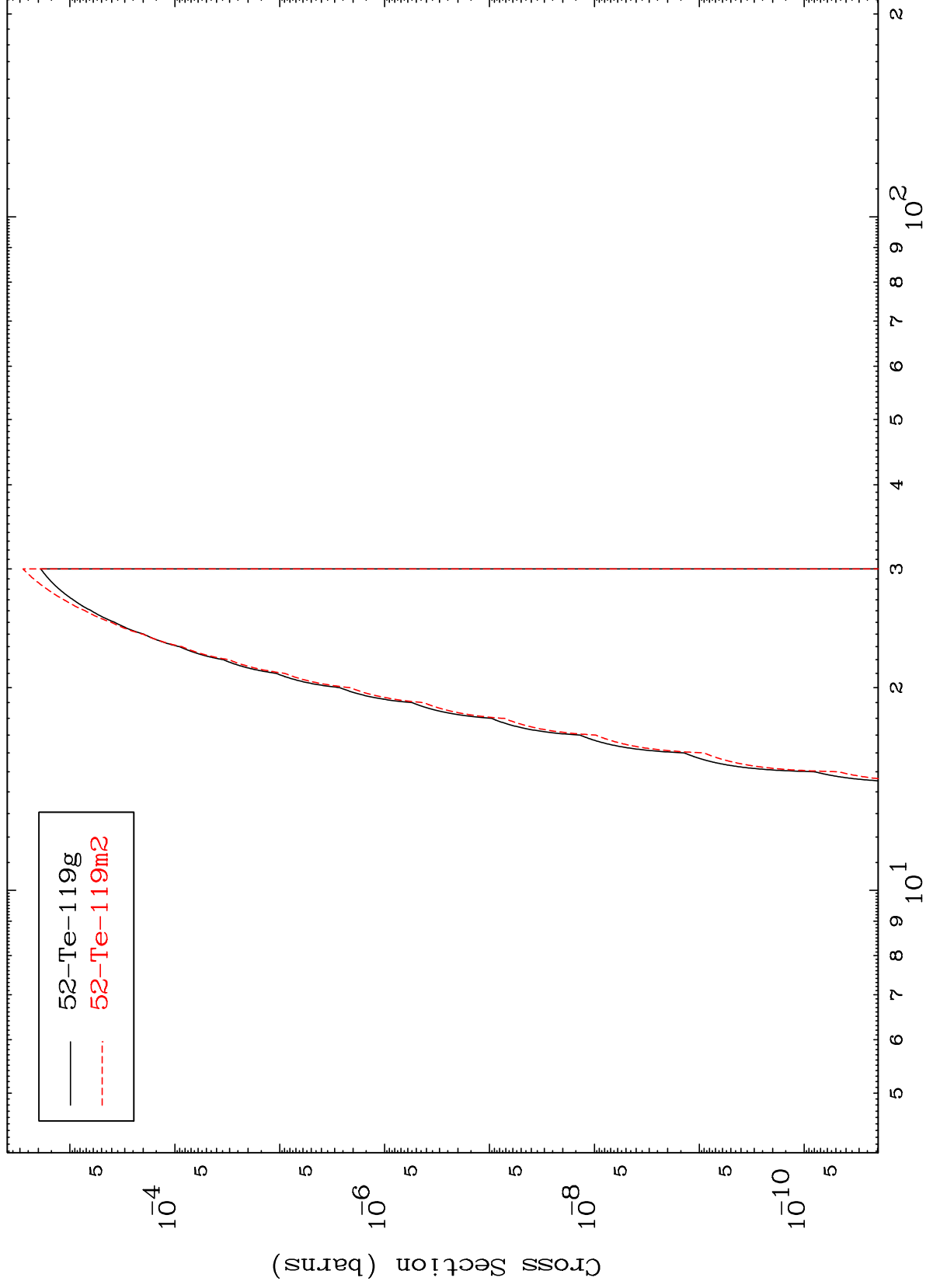




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(n,n') p α
Radionuclide Production Cross Section



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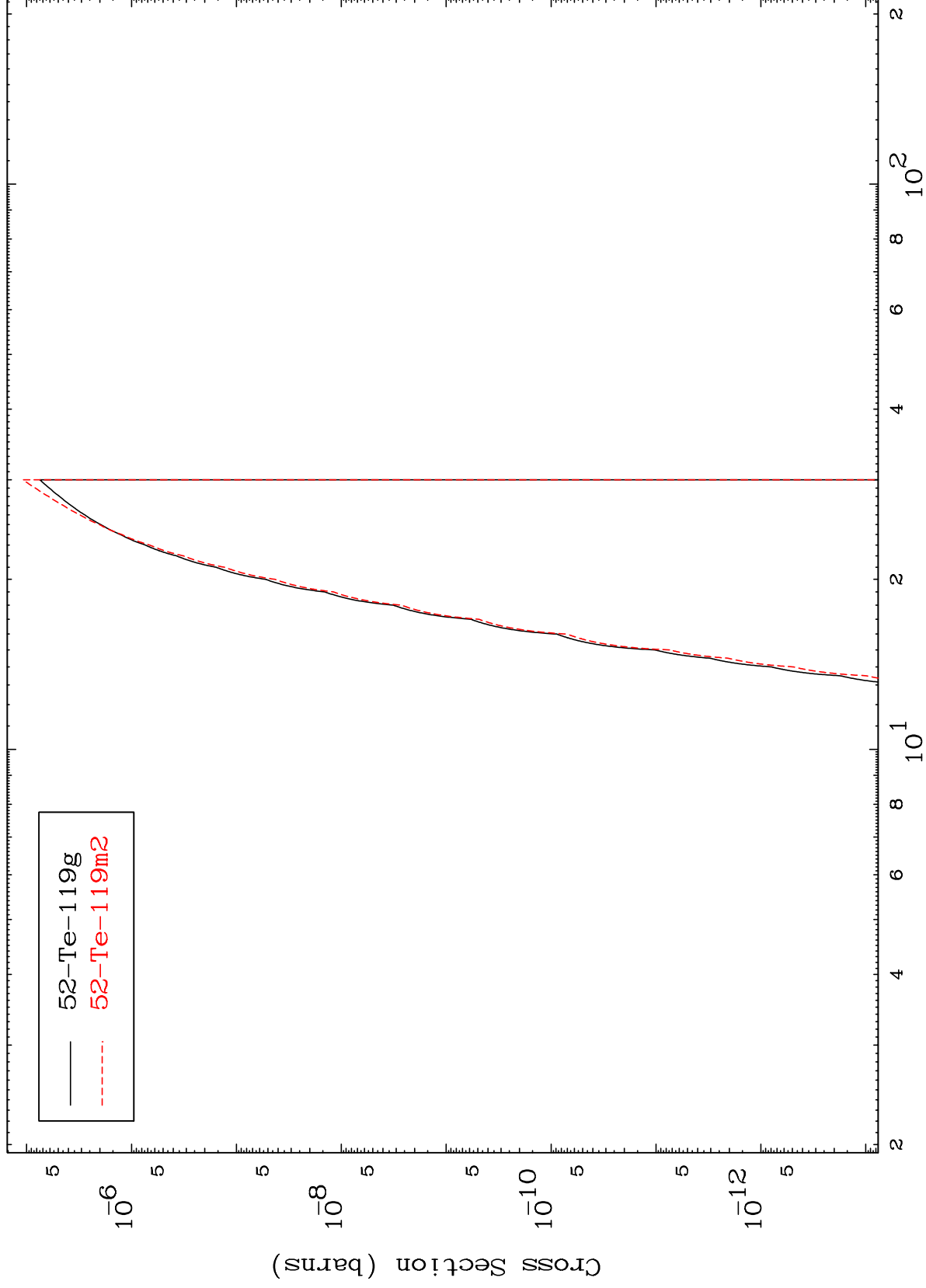
Incident Energy (MeV)

55-Cs-124

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55-Cs-124

Radionuclide Production Cross Section
(n,d) α



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Incident Energy (MeV)

55-Cs-124