

Program EVALPLOT
(Version 2021-1)

by

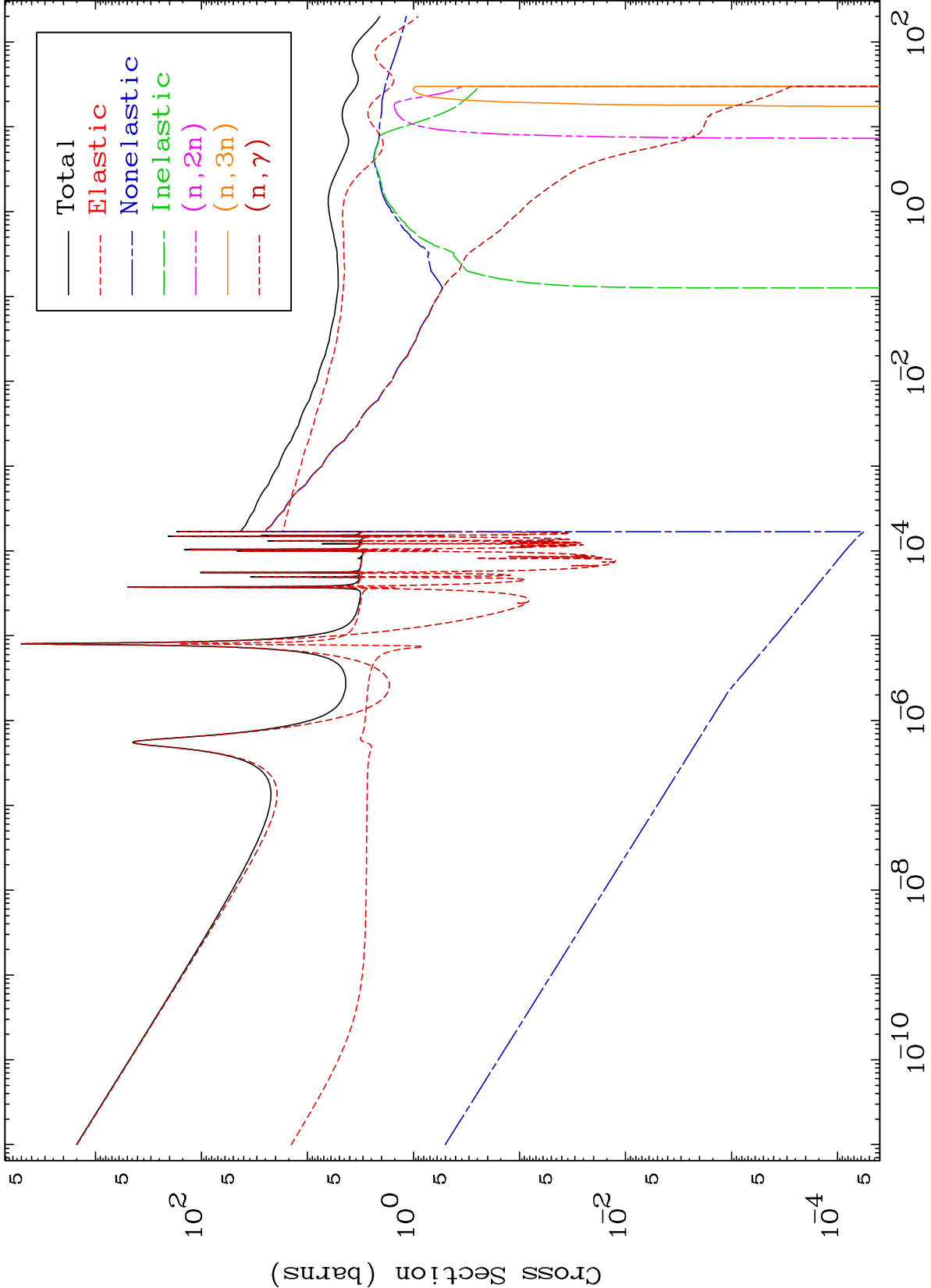
Dermott E. Cullen
(Present Contact Information)

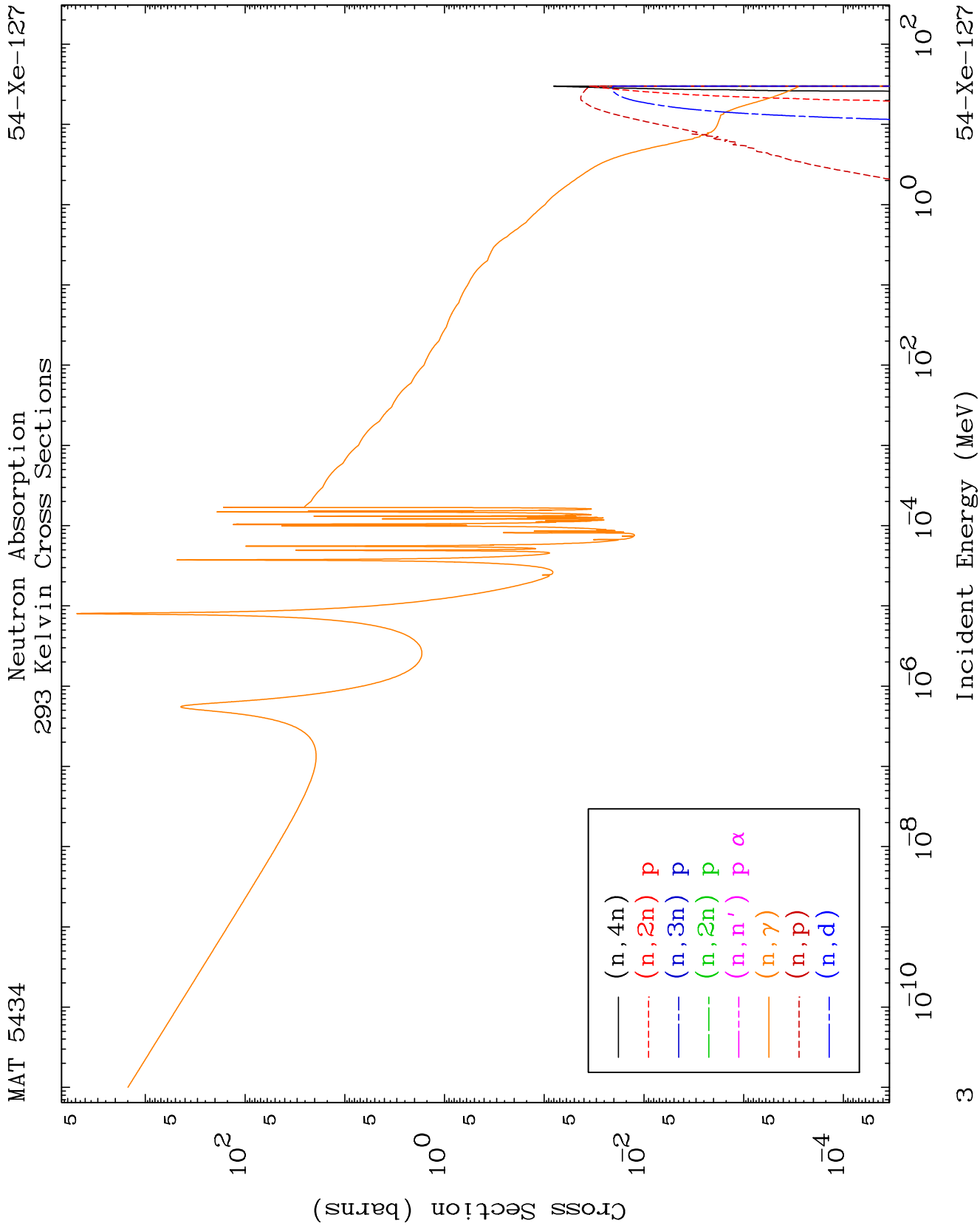
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

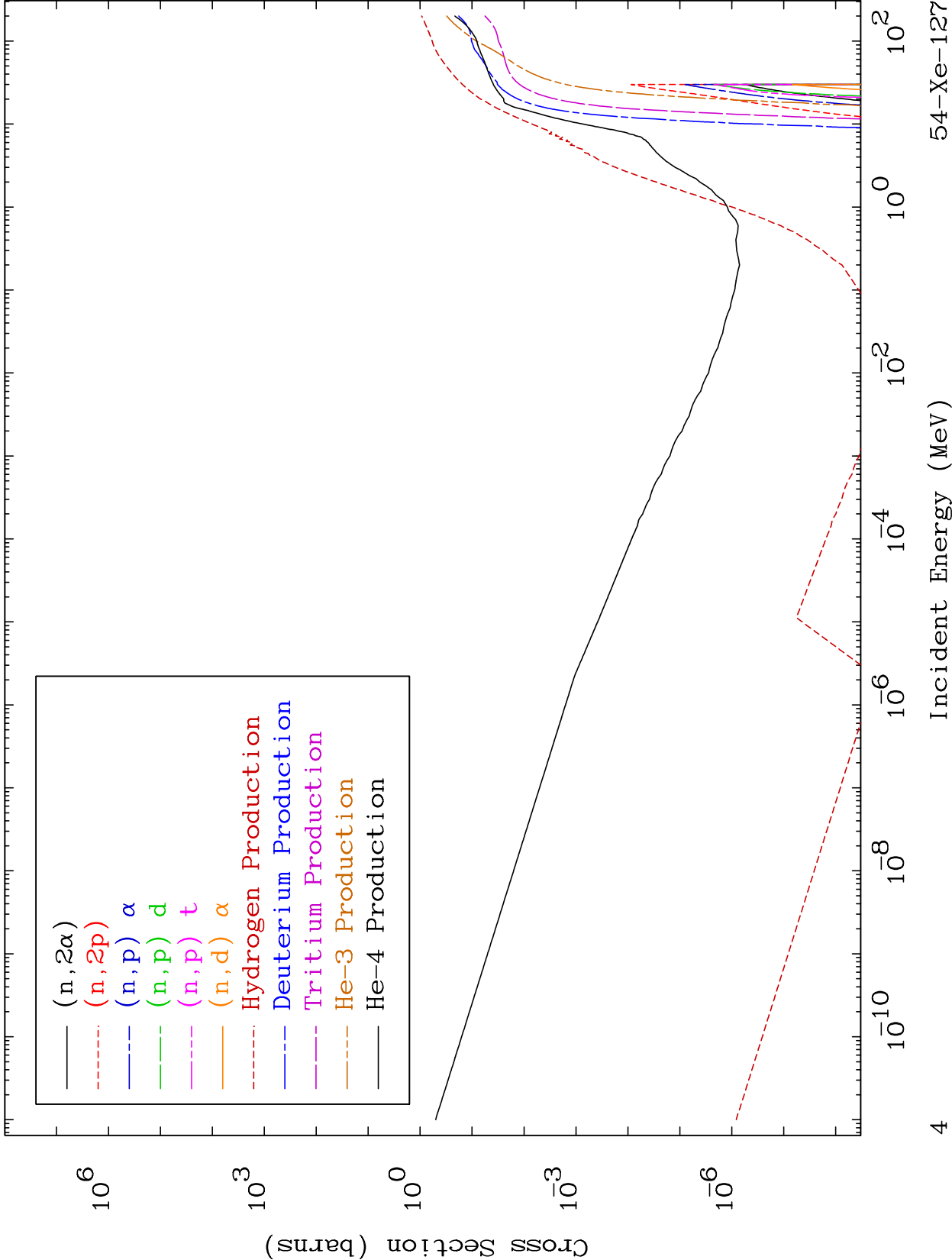
Tele: 925-443-1911

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

Press Mouse Button to Start



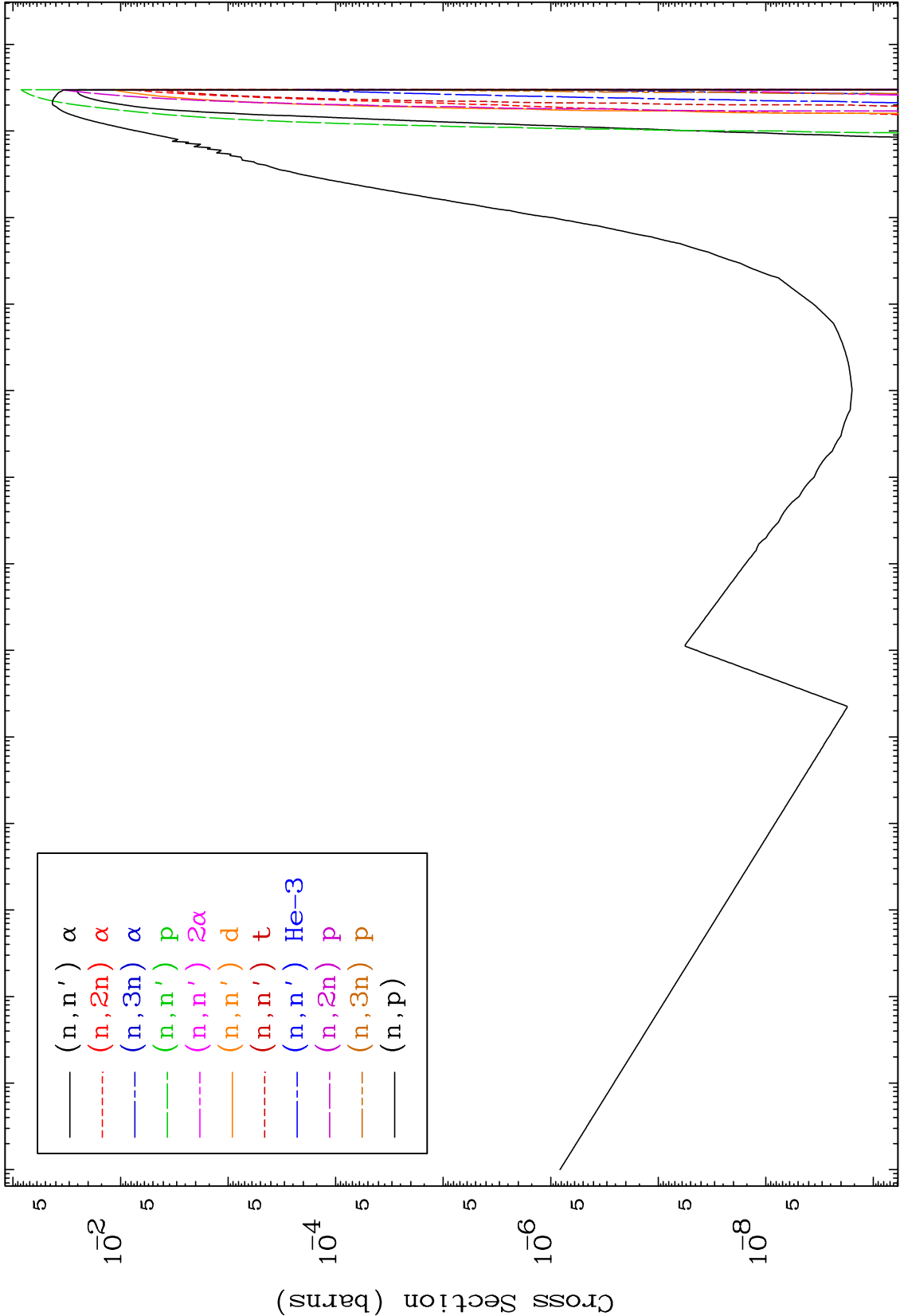




MAT 5434

Charged Particle
293 Kelvin Cross Sections

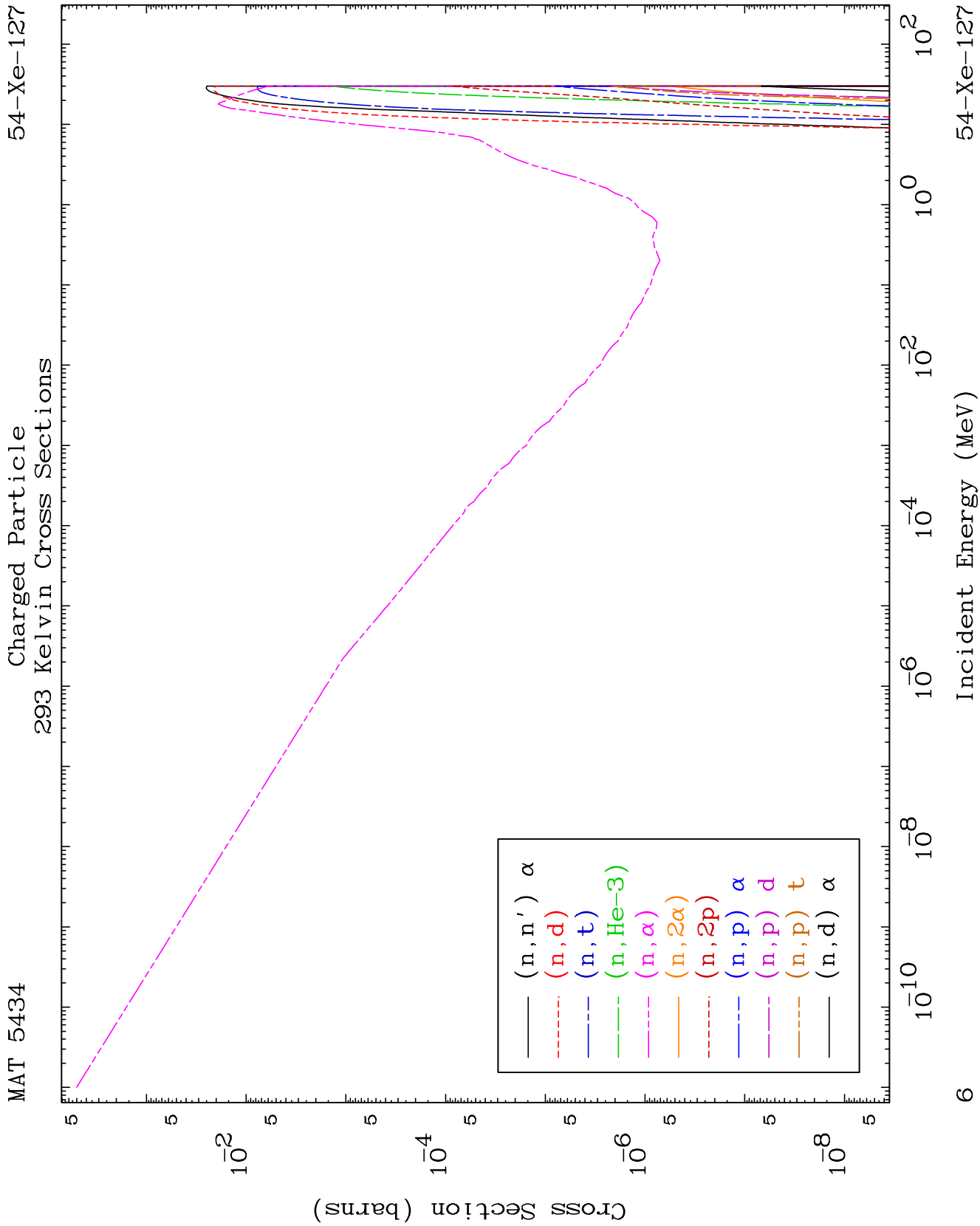
54-Xe-127

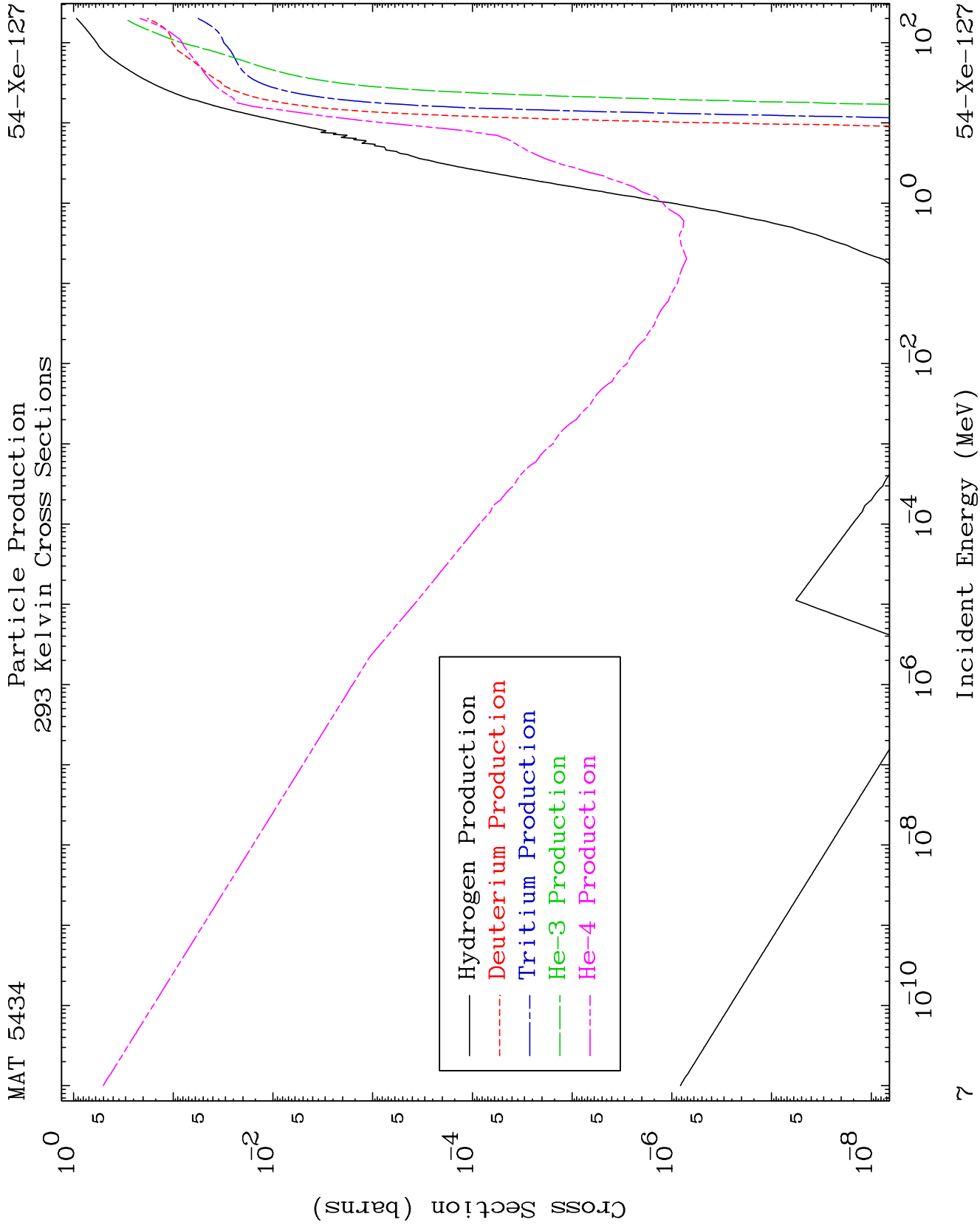


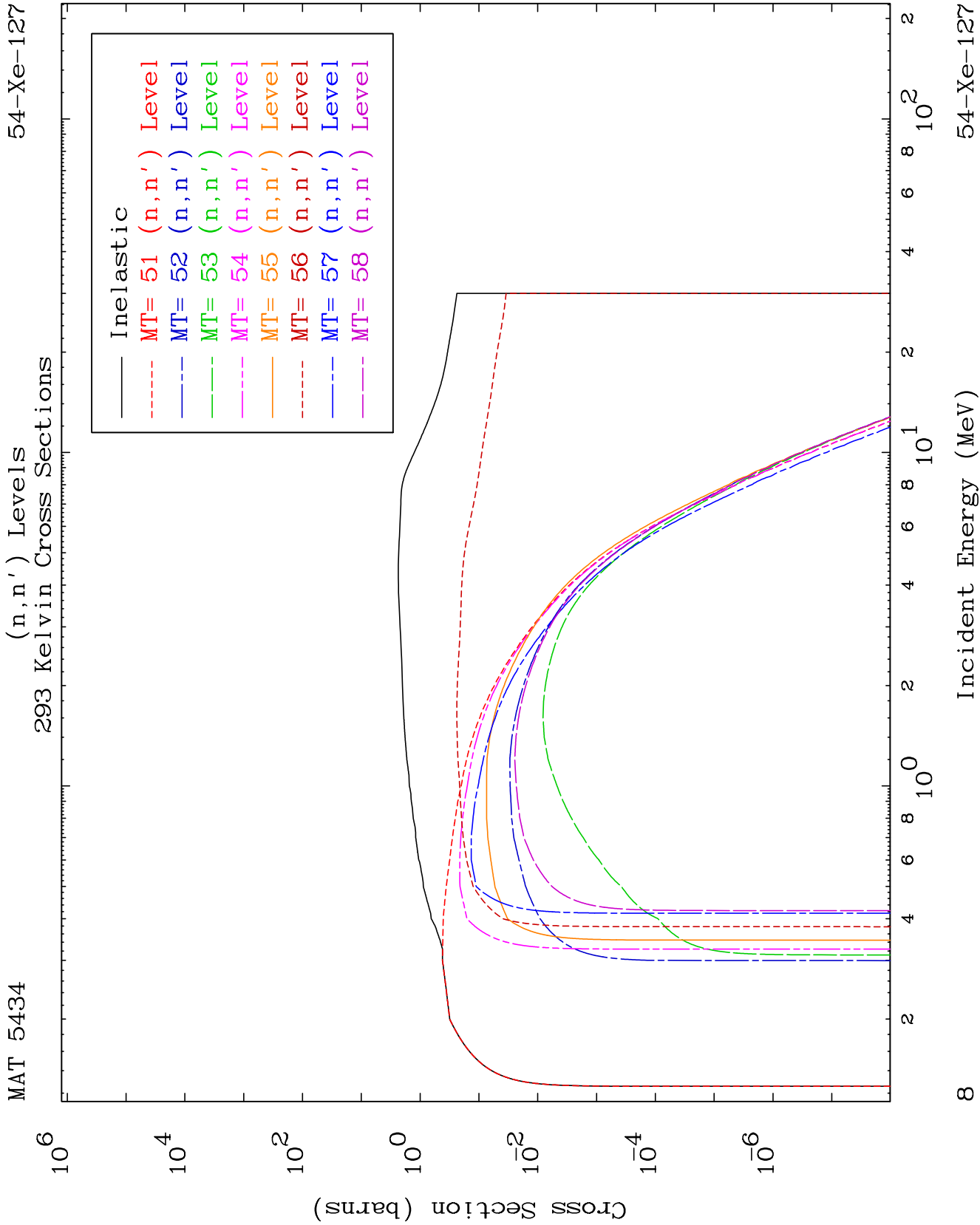
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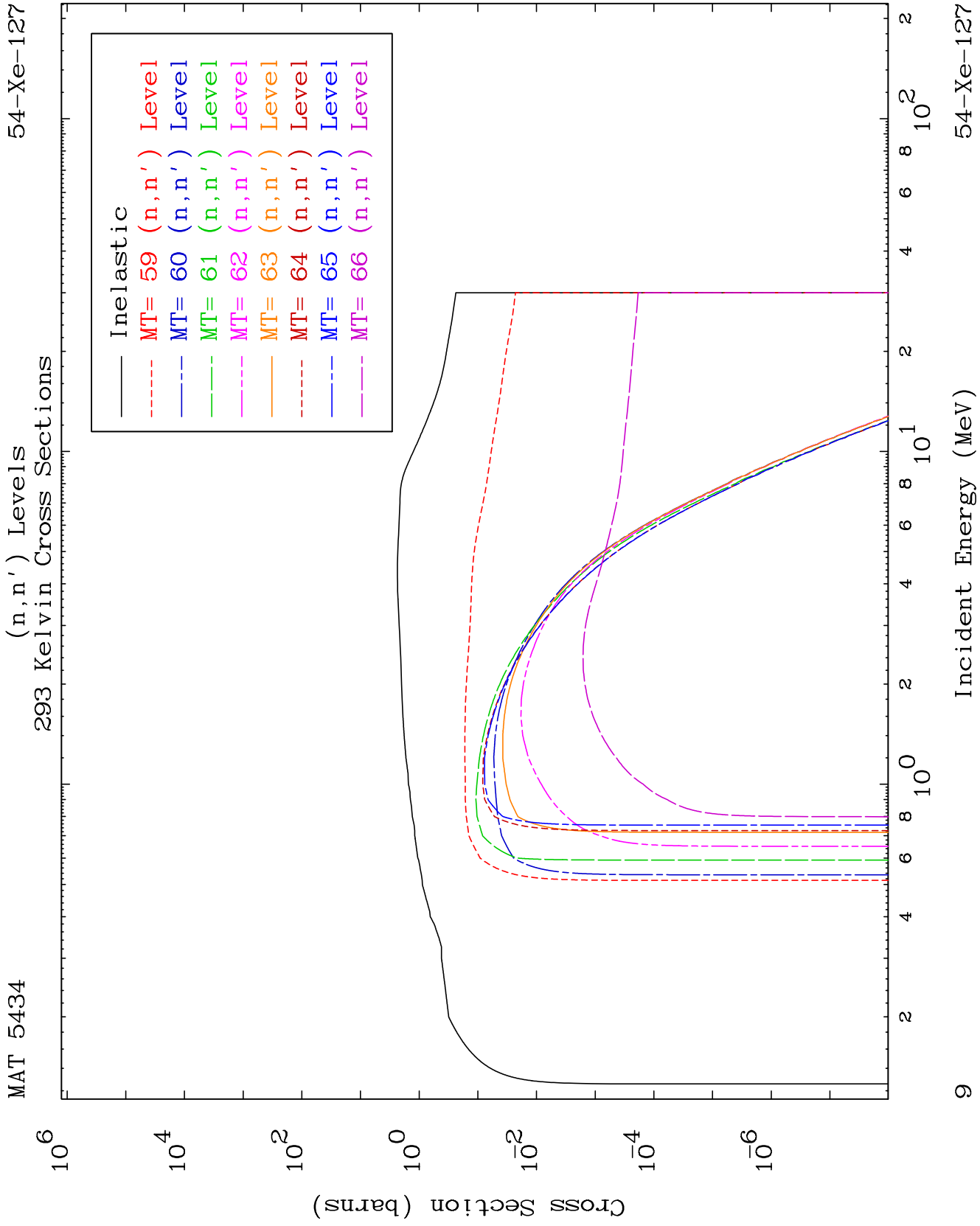
Incident Energy (MeV)

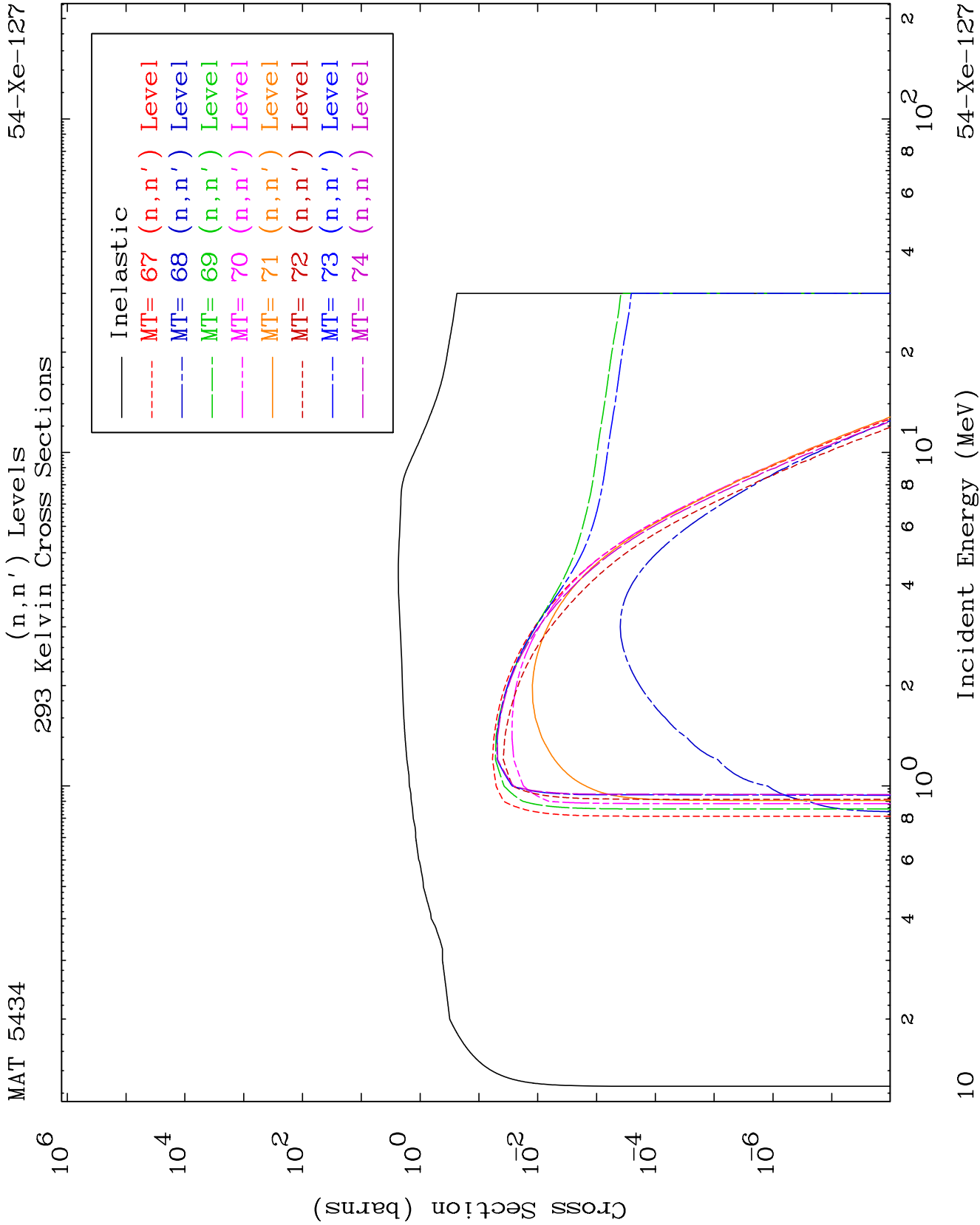
54-Xe-127

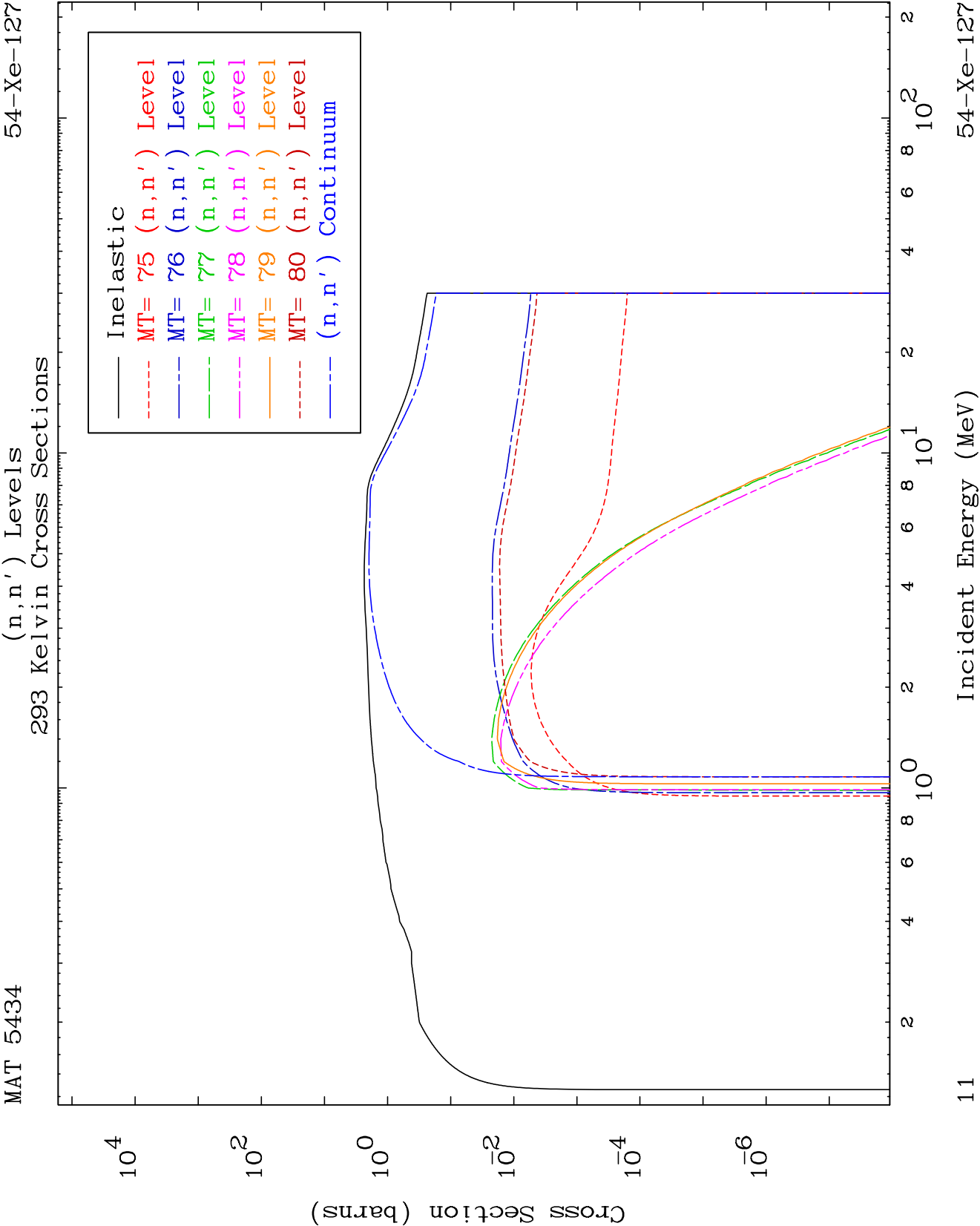








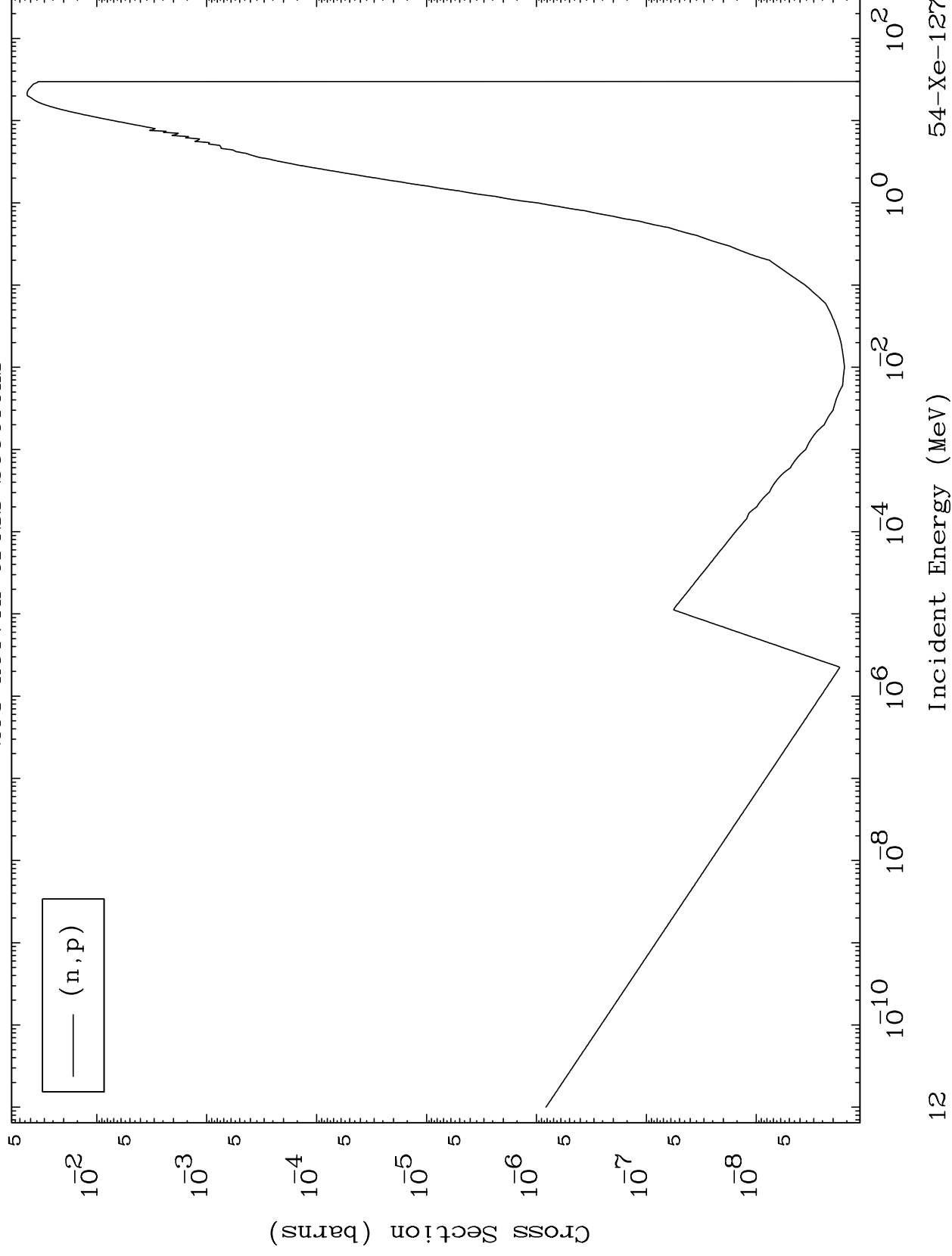




MAT 5434

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-127



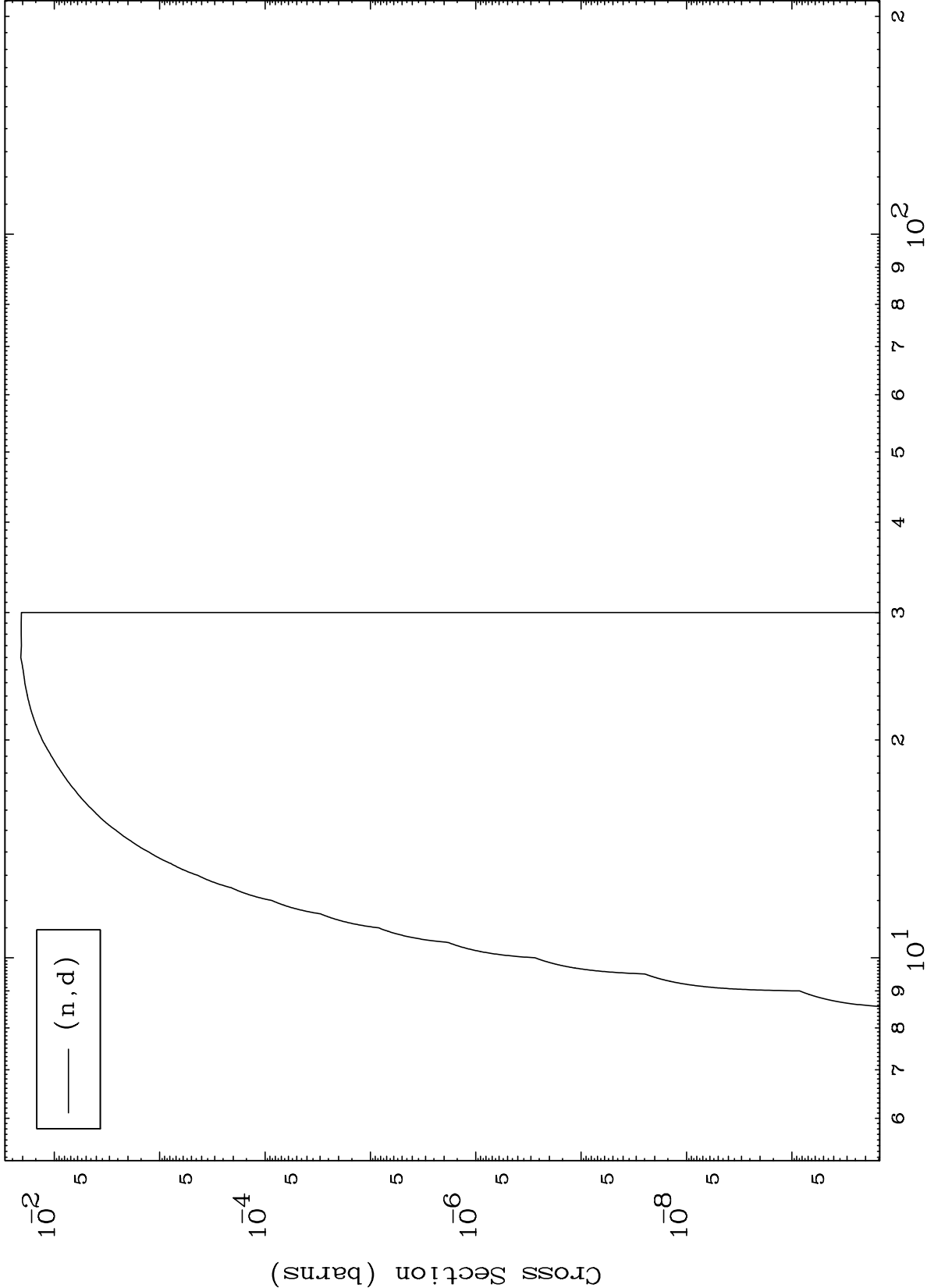
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54-Xe-127

MAT 5434

(n,d) Levels
293 Kelvin Cross Sections

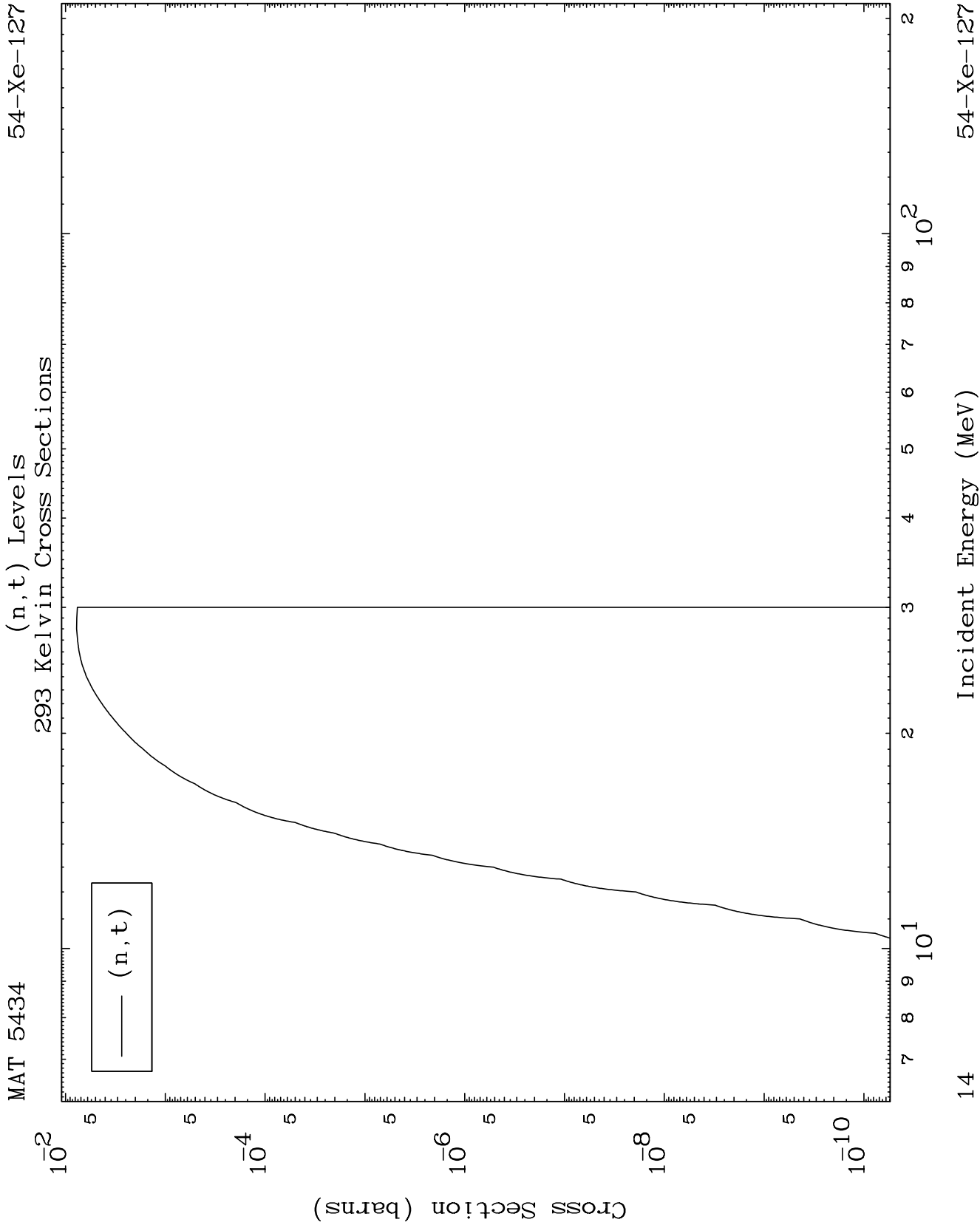
54-Xe-127



13

Incident Energy (MeV)

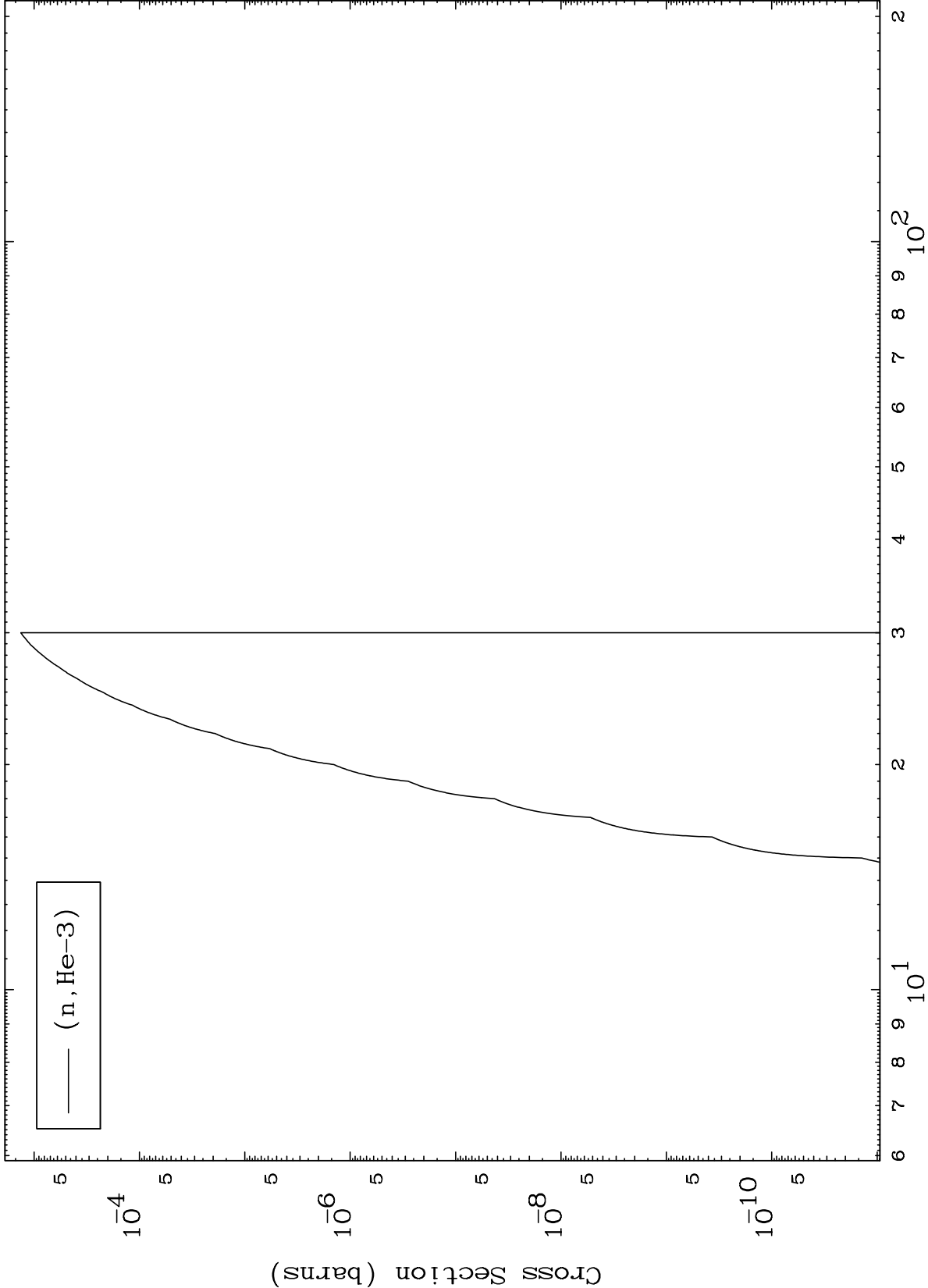
54-Xe-127



MAT 5434

(n,He3) Levels
293 Kelvin Cross Sections

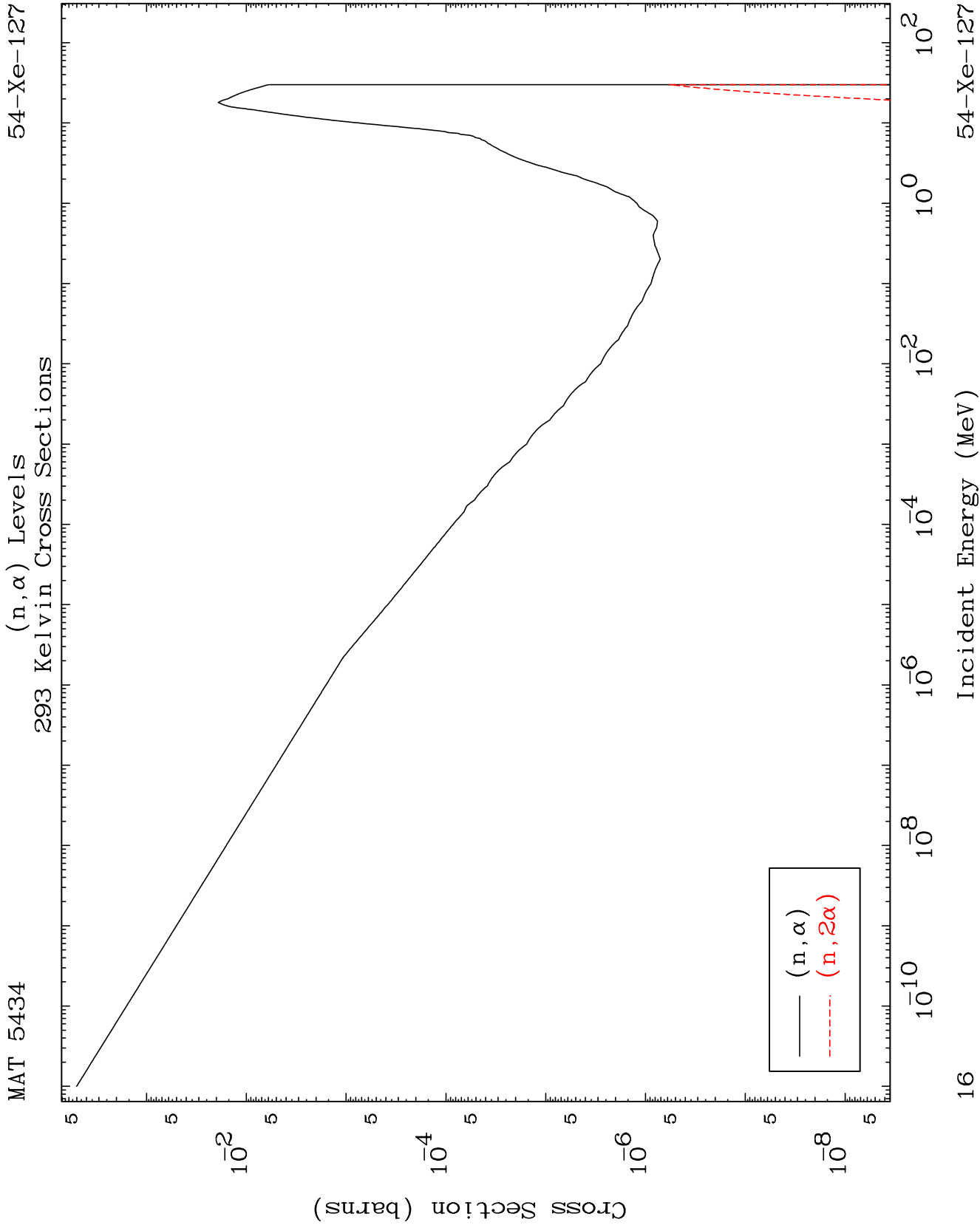
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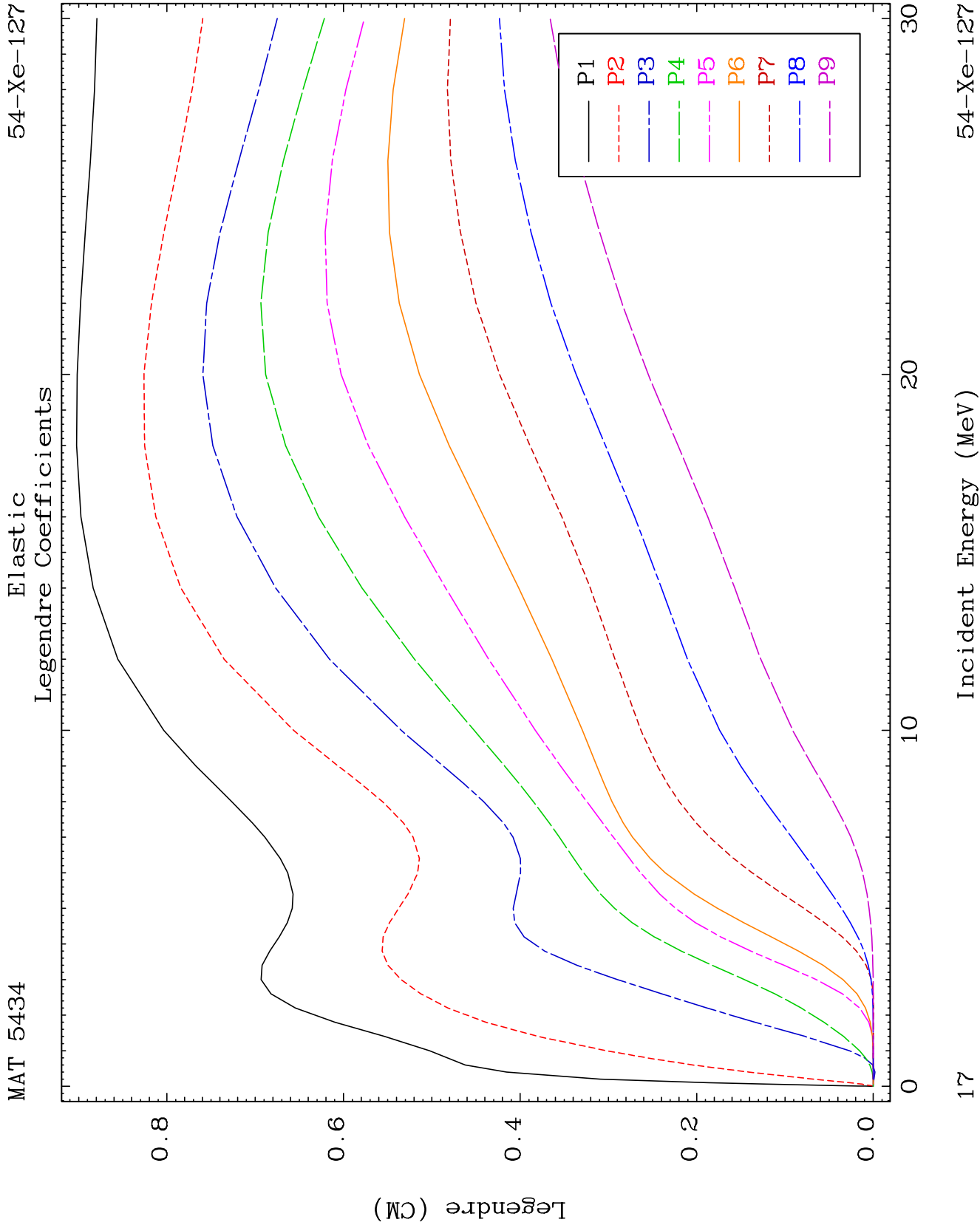


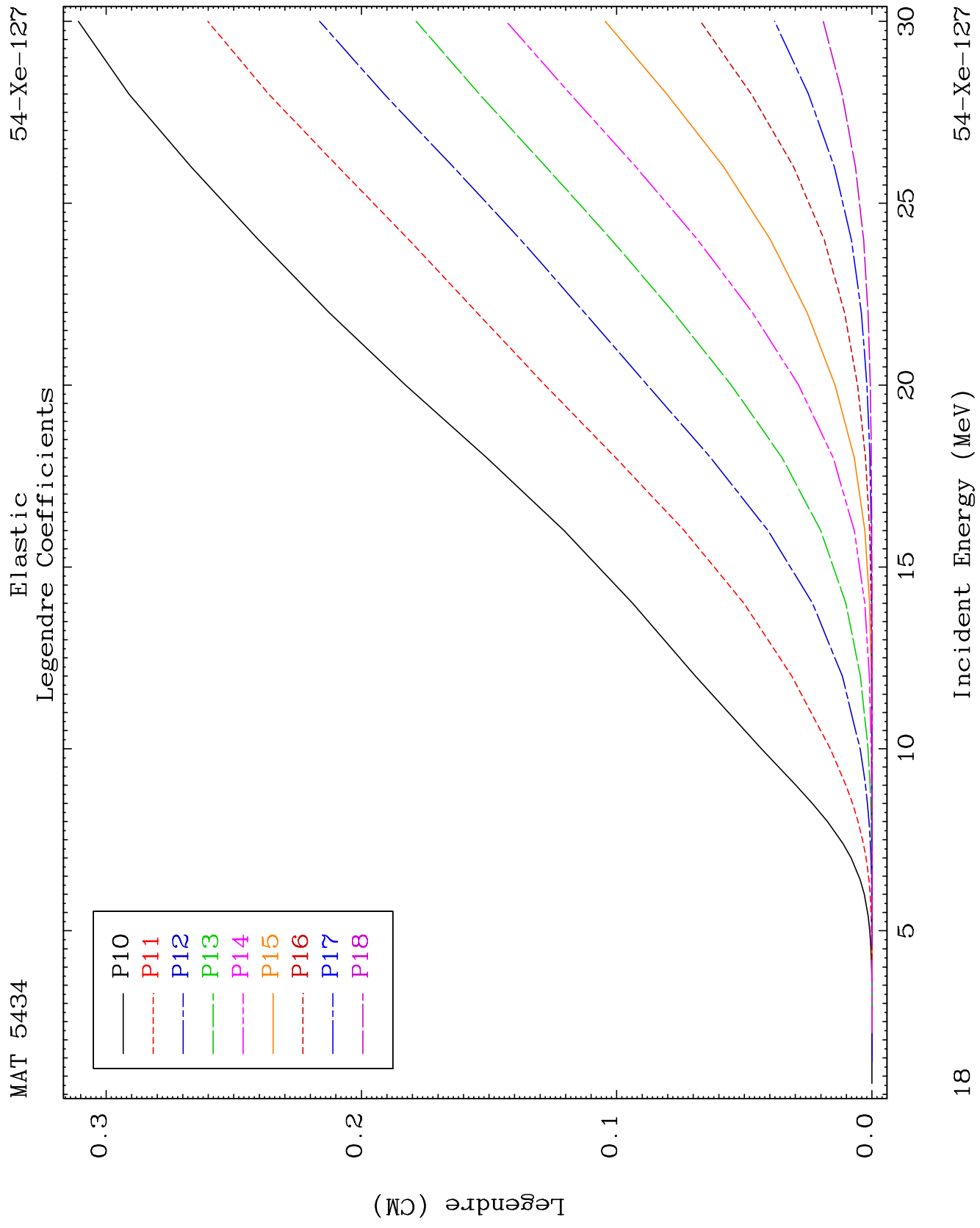
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Incident Energy (MeV)

54-Xe-127



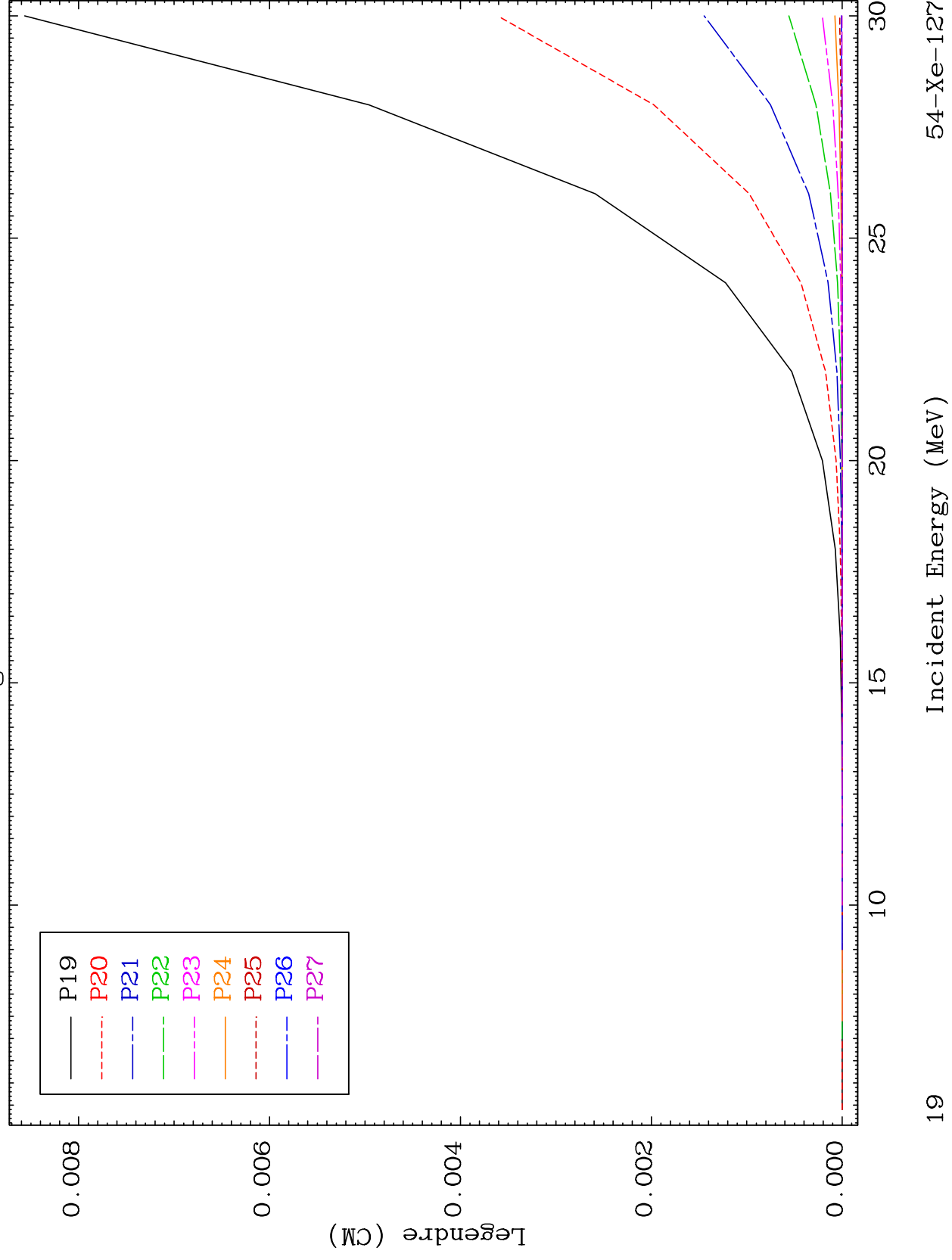


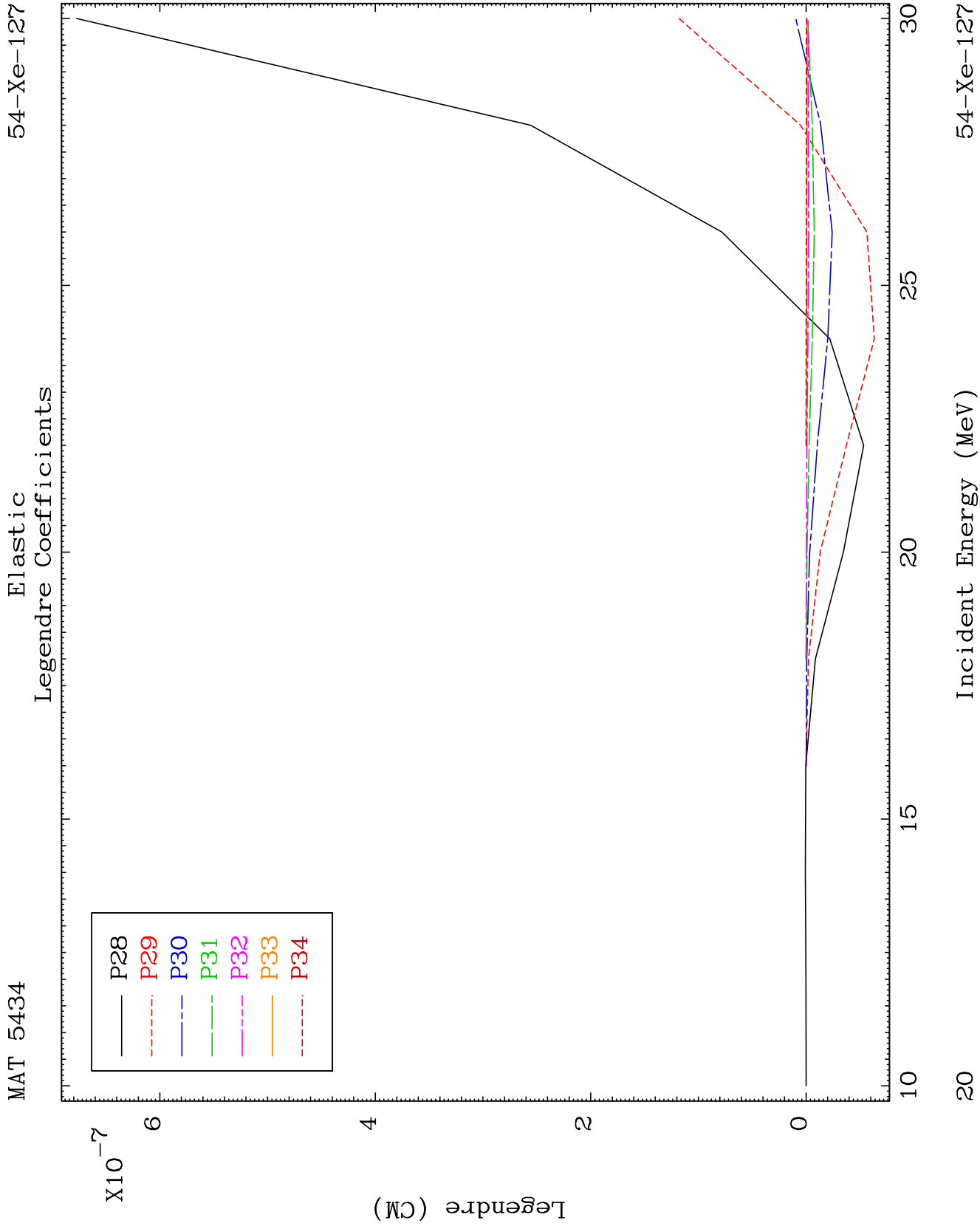


MAT 5434

Elastic Legendre Coefficients

54-Xe-127

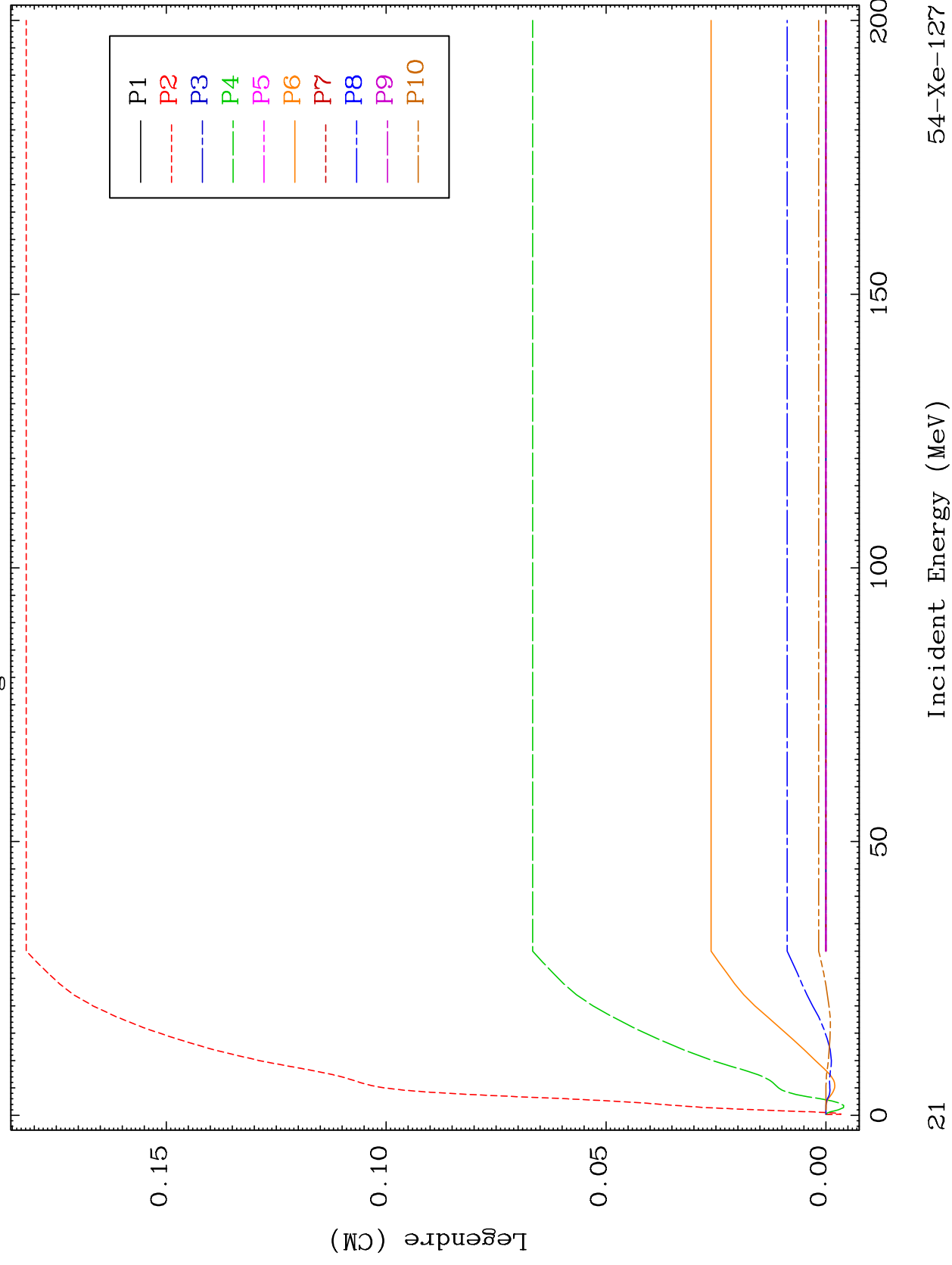


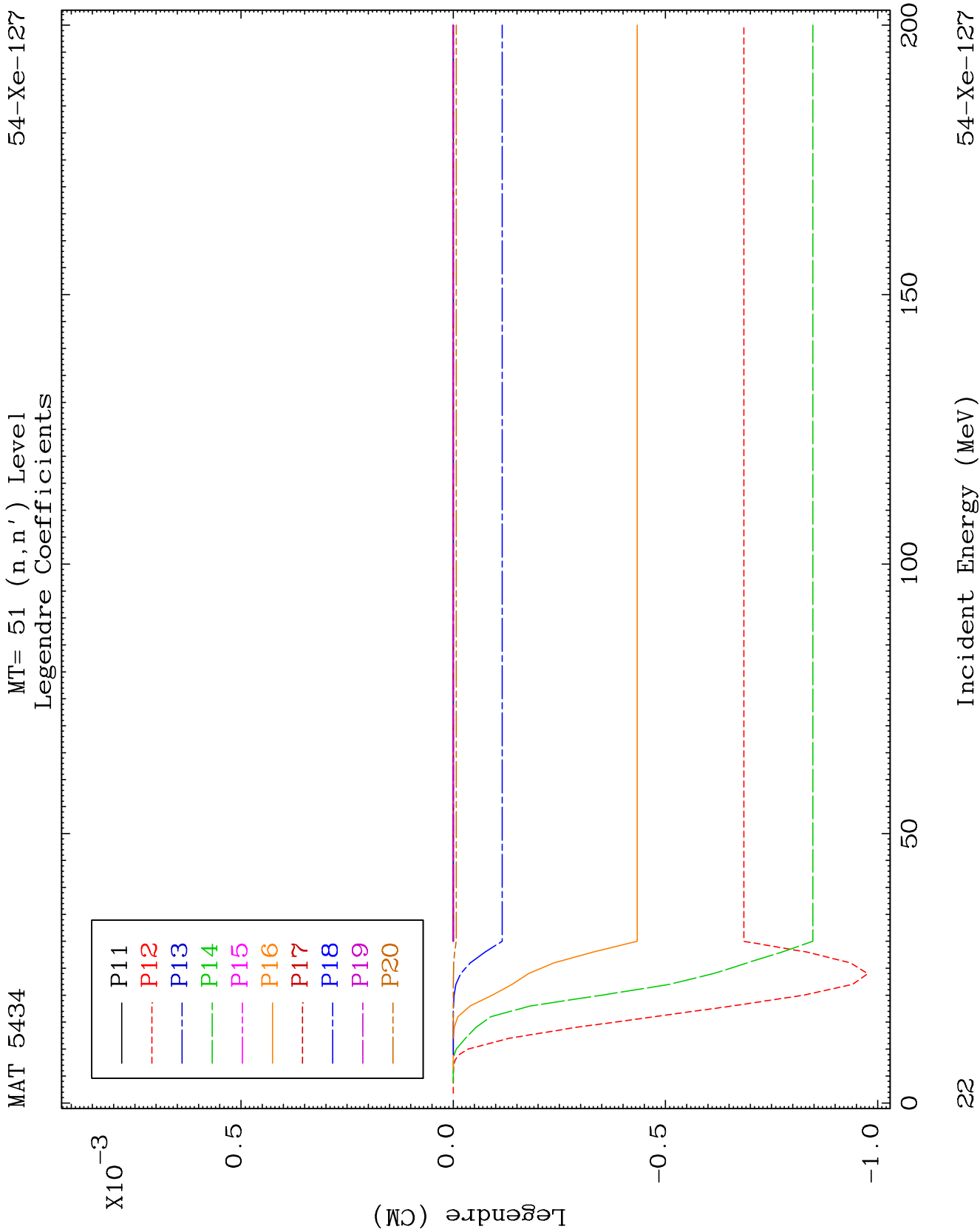


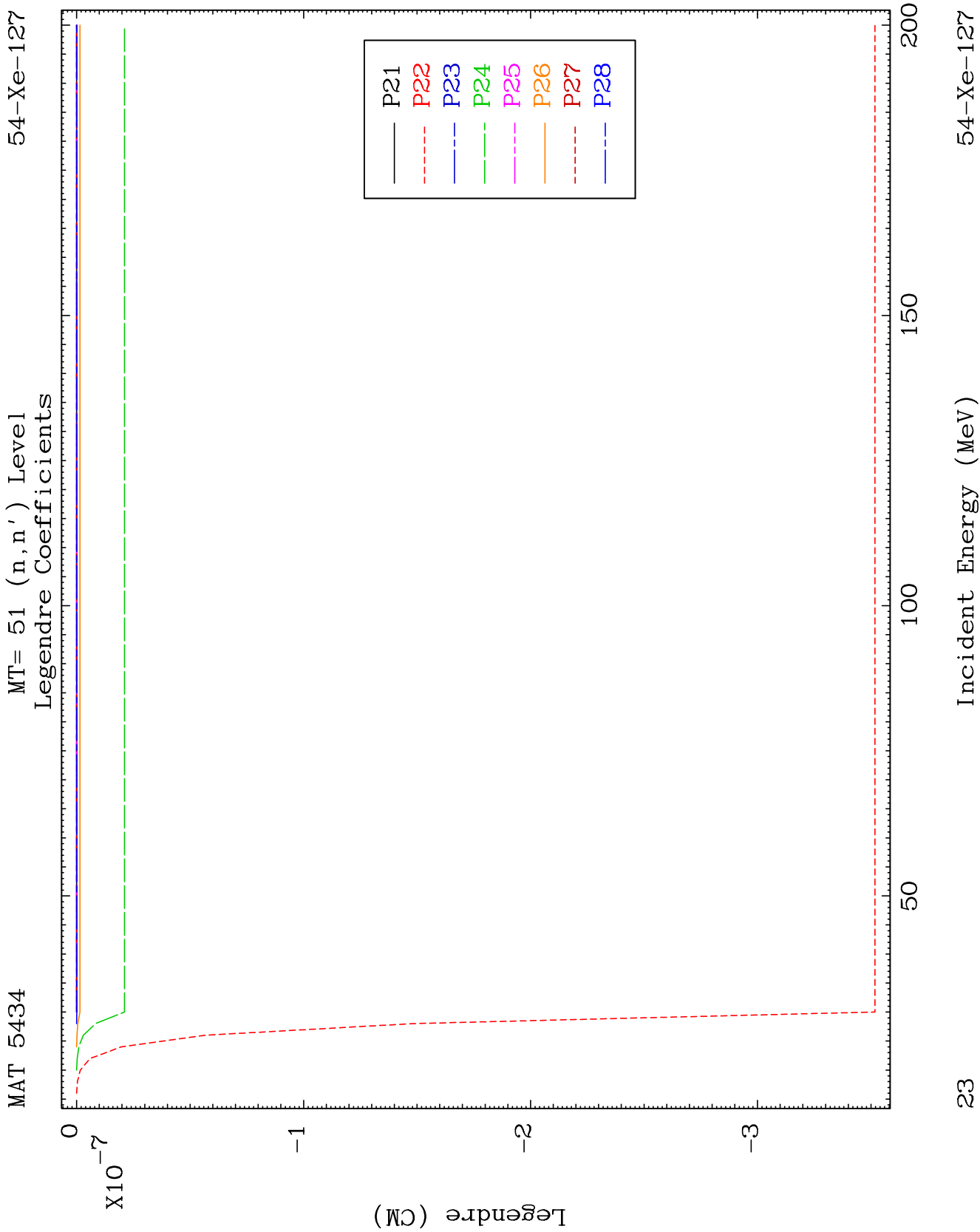
MAT 5434

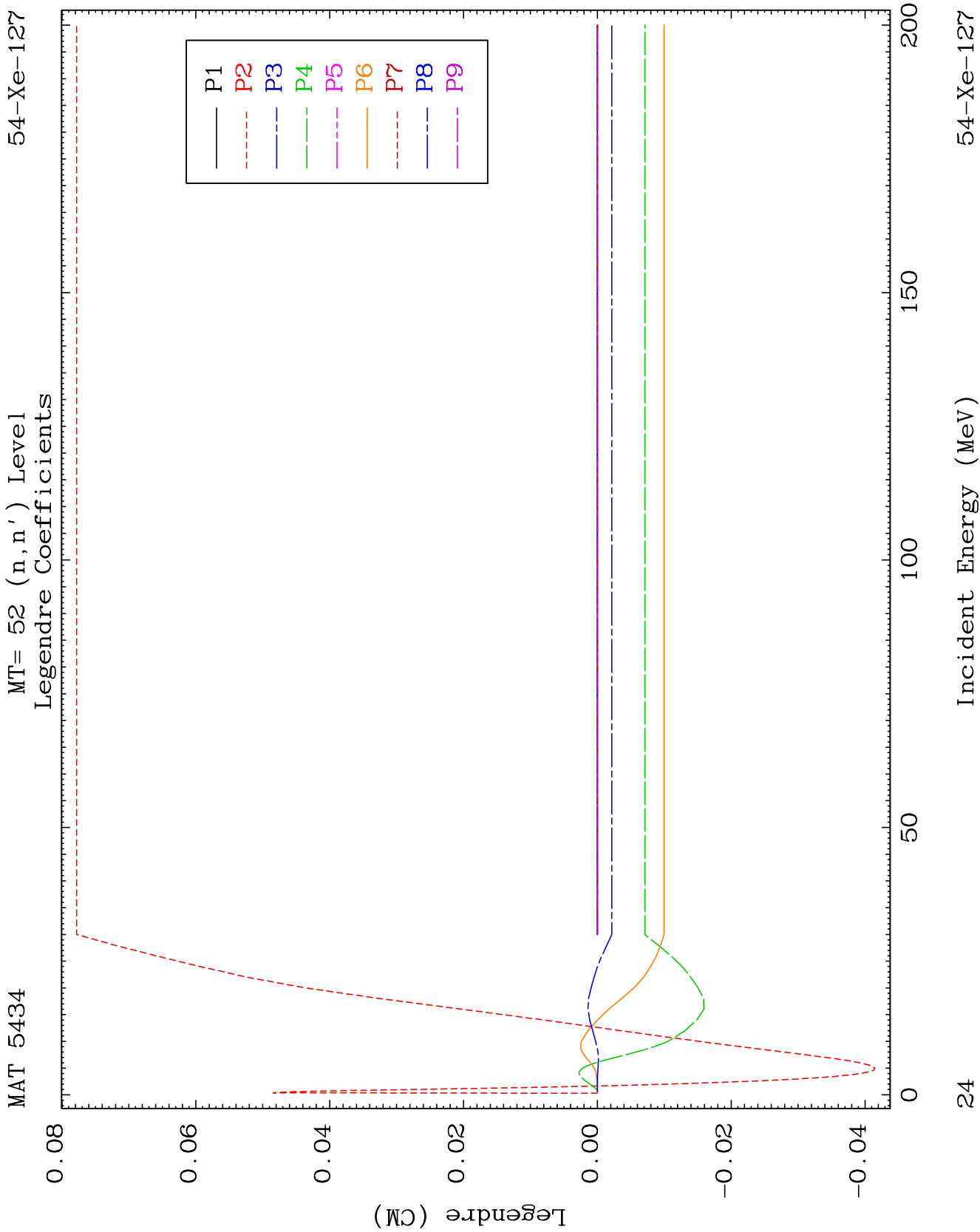
MT= 51 (n, n') Level
Legendre Coefficients

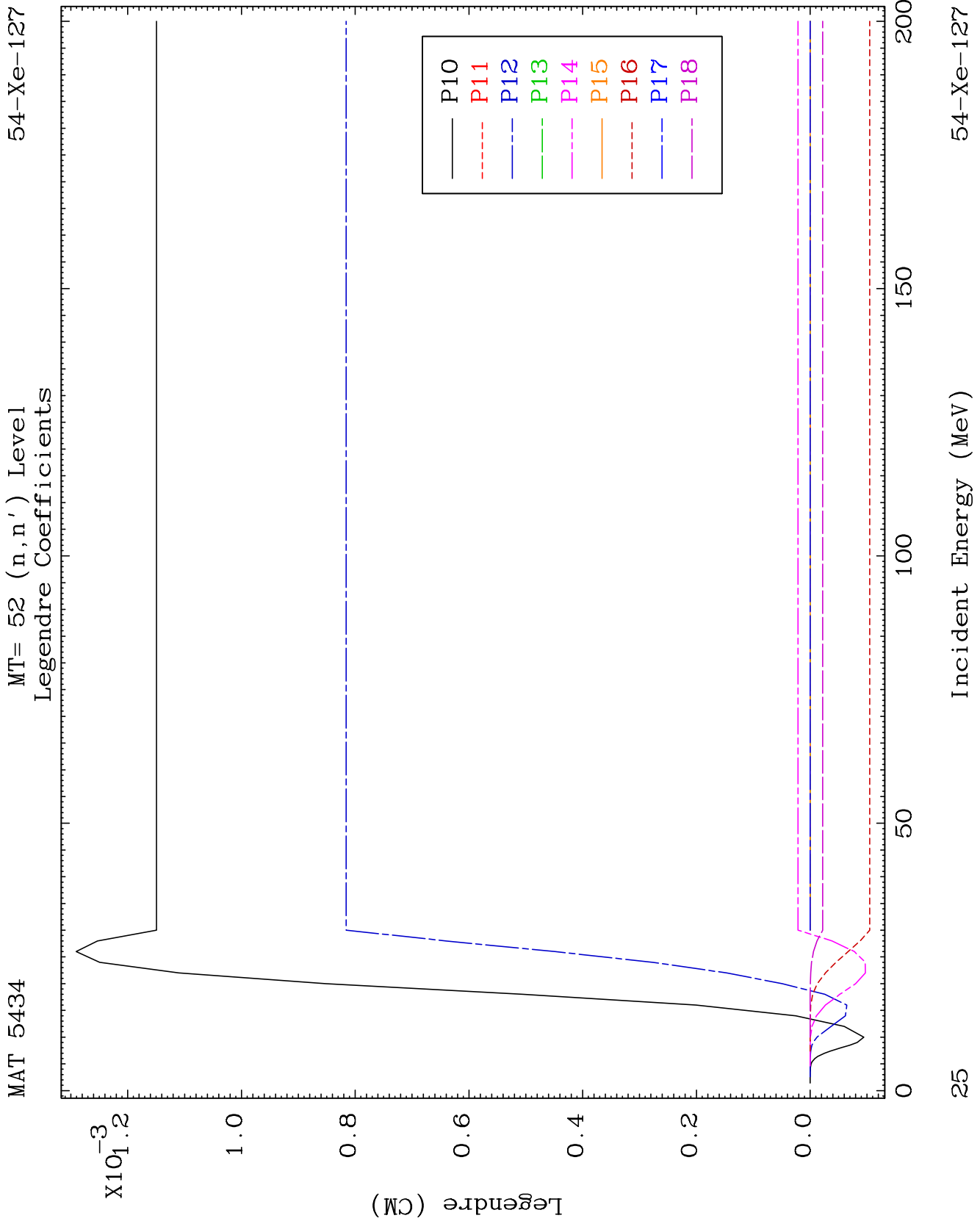
54-Xe-127

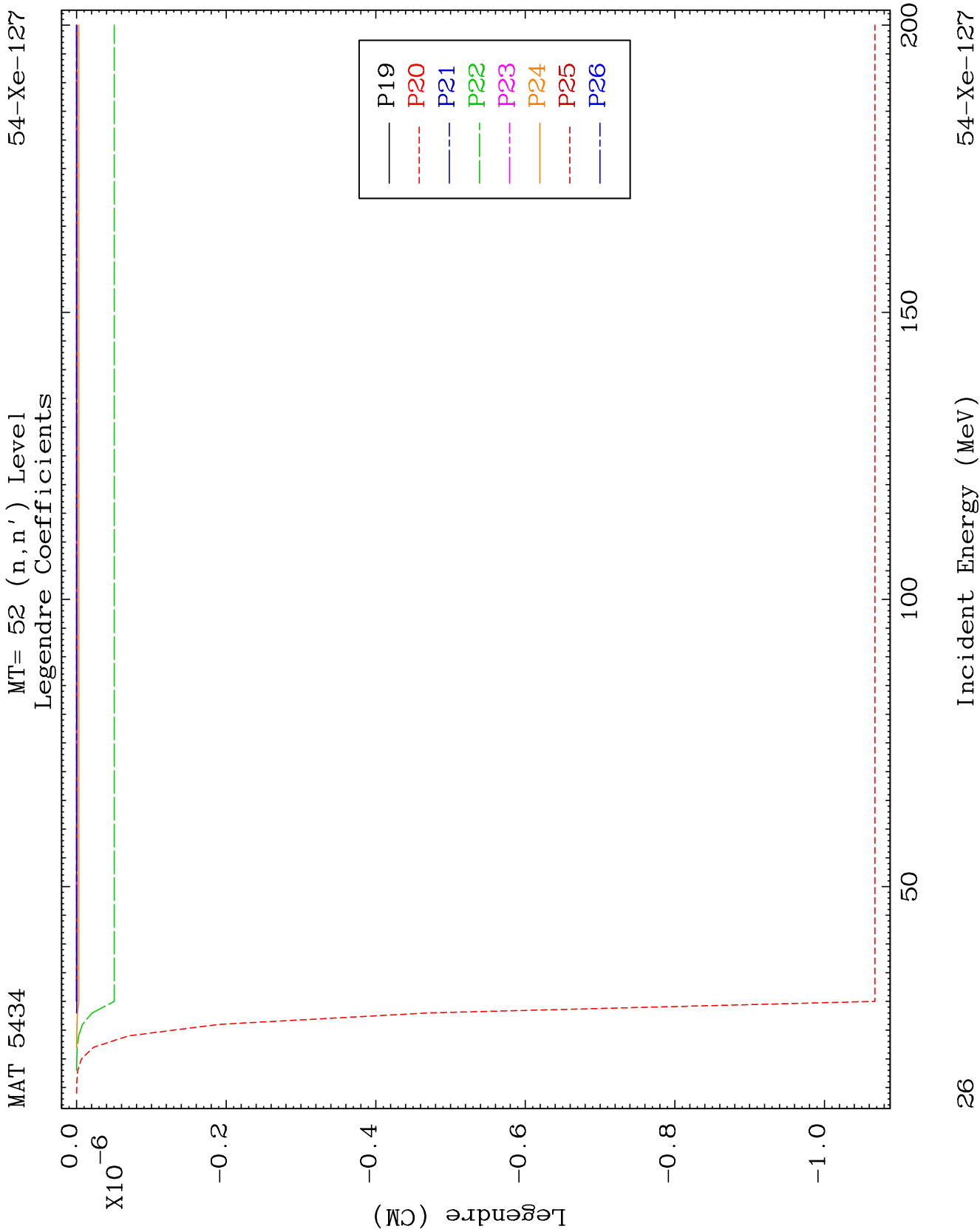








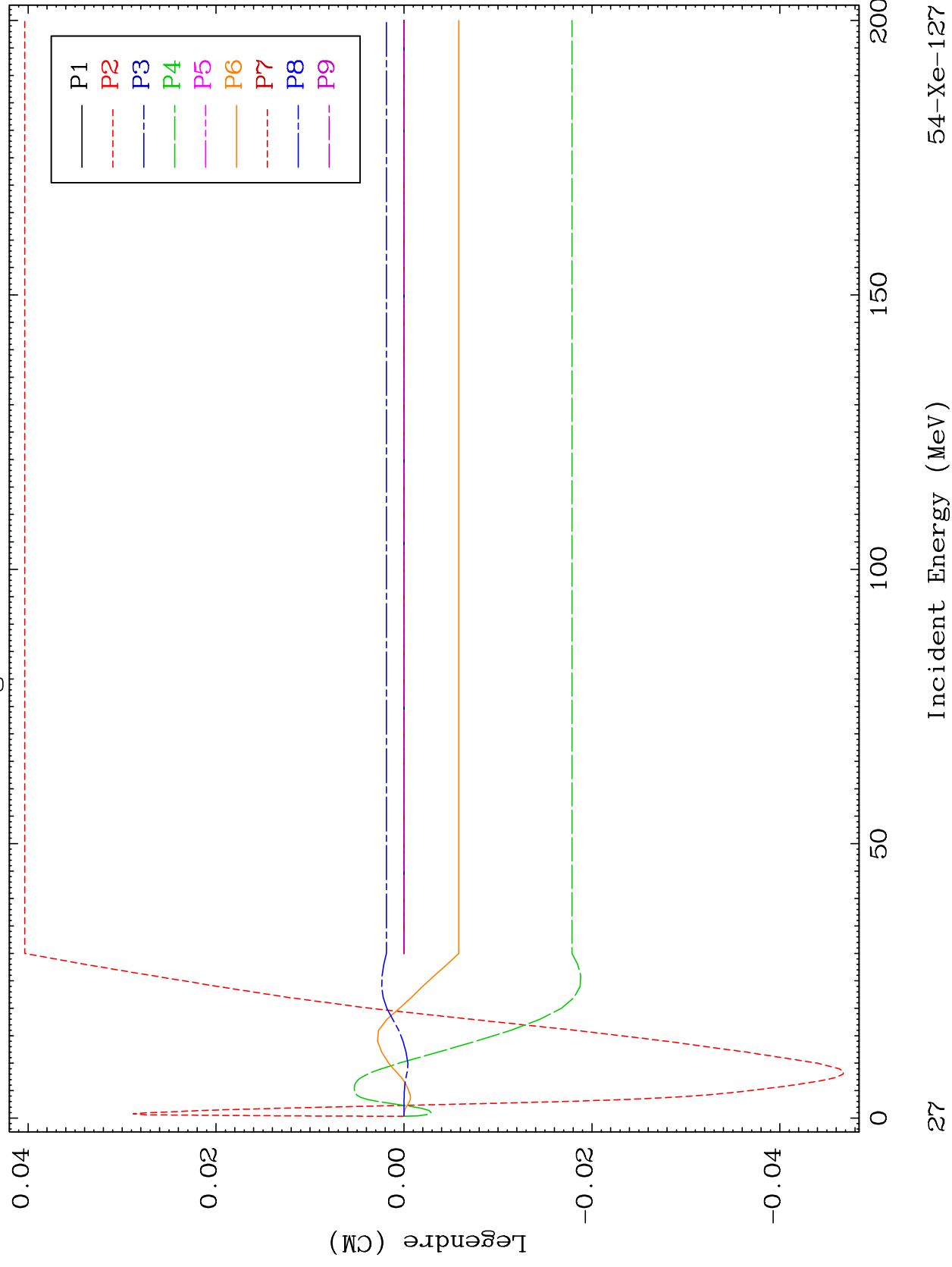


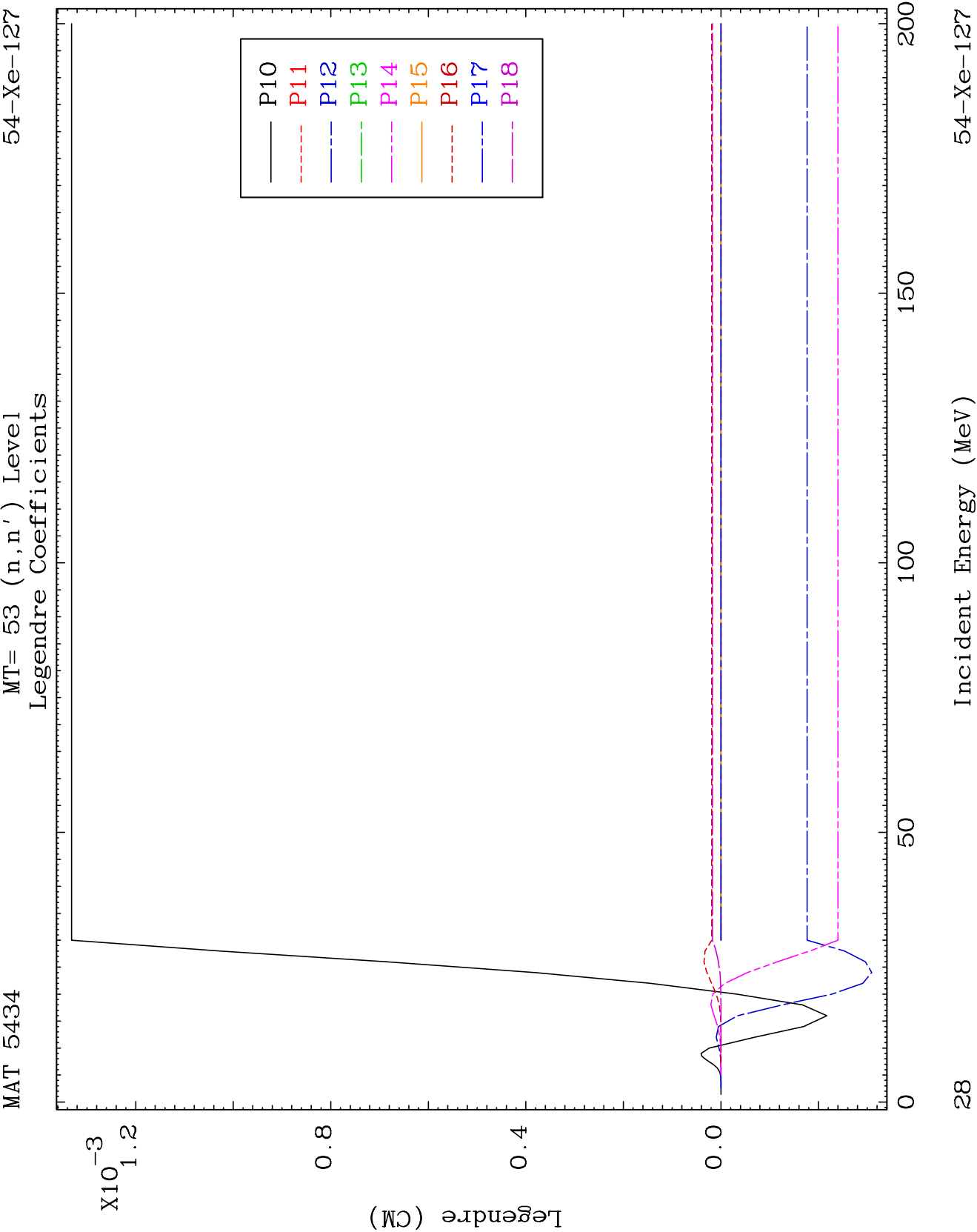


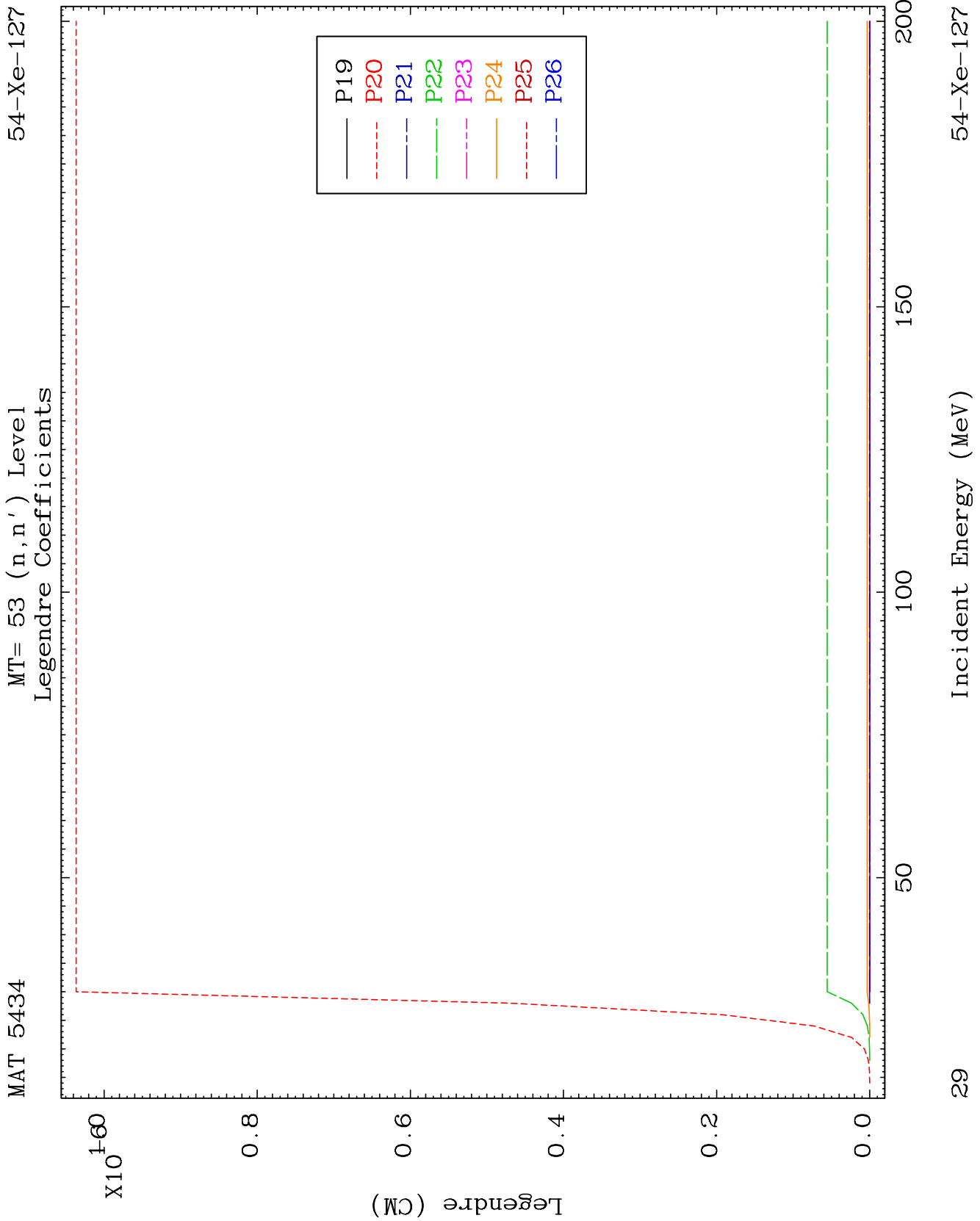
MAT 5434

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

54-Xe-127



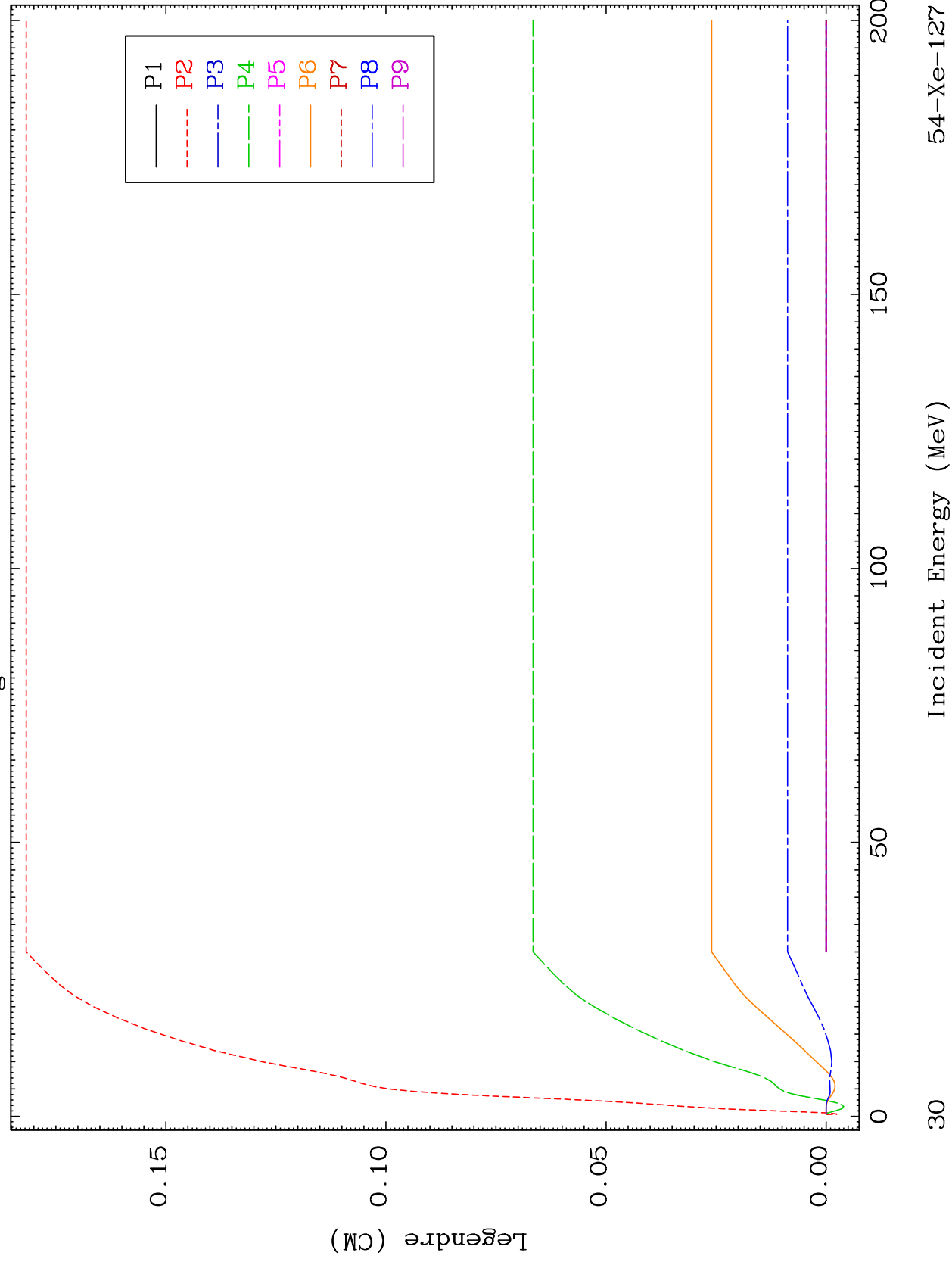


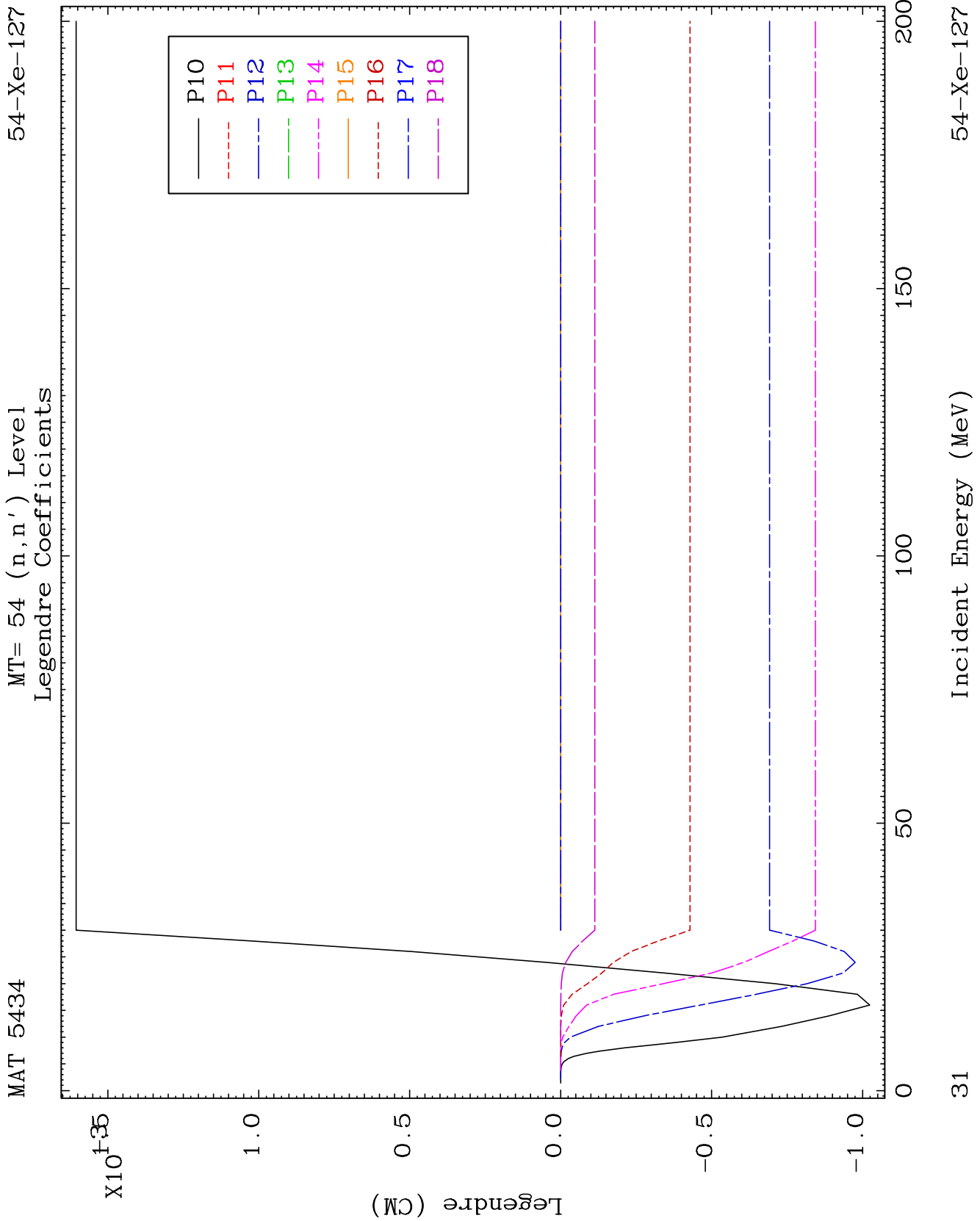


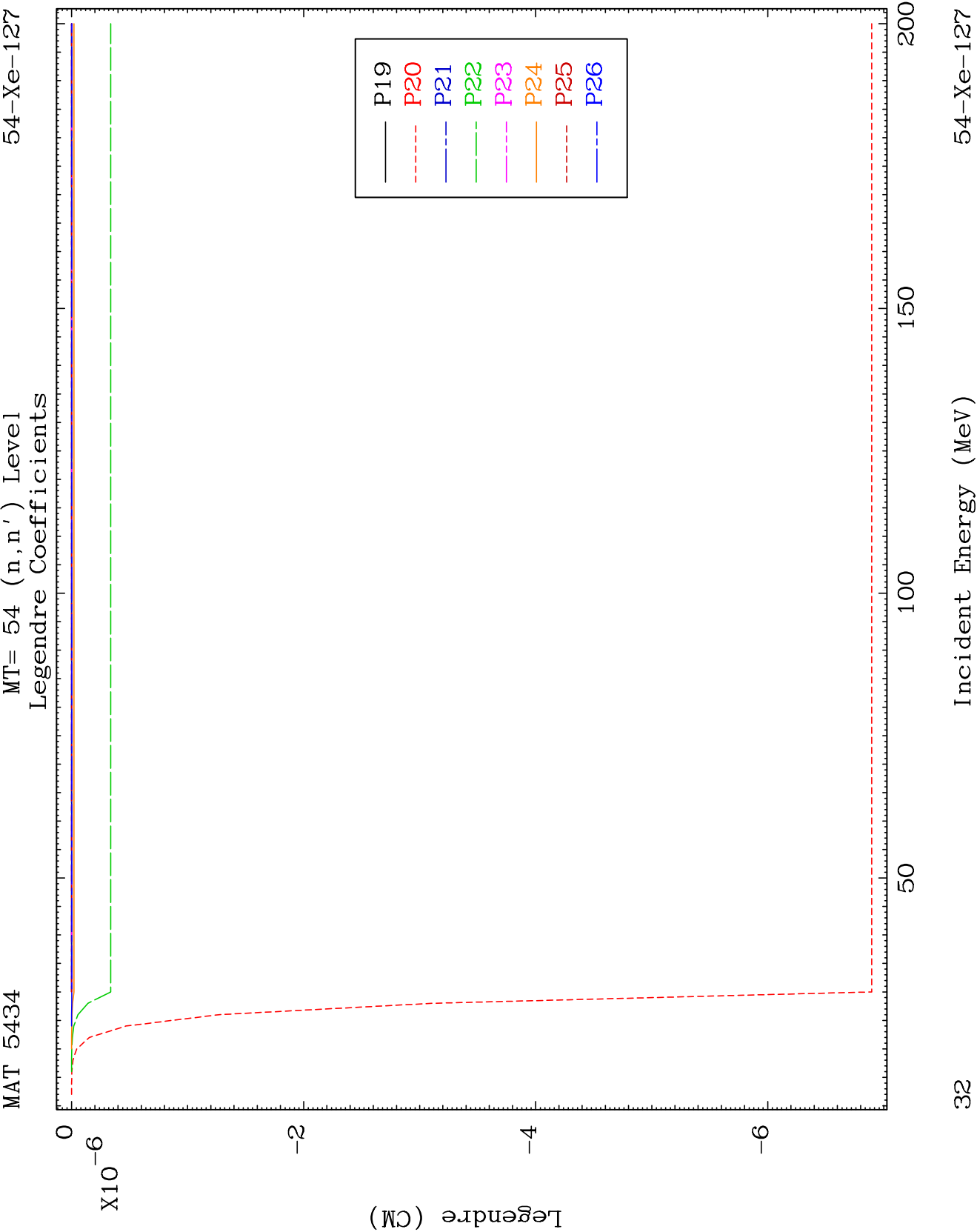
MAT 5434

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

54-Xe-127



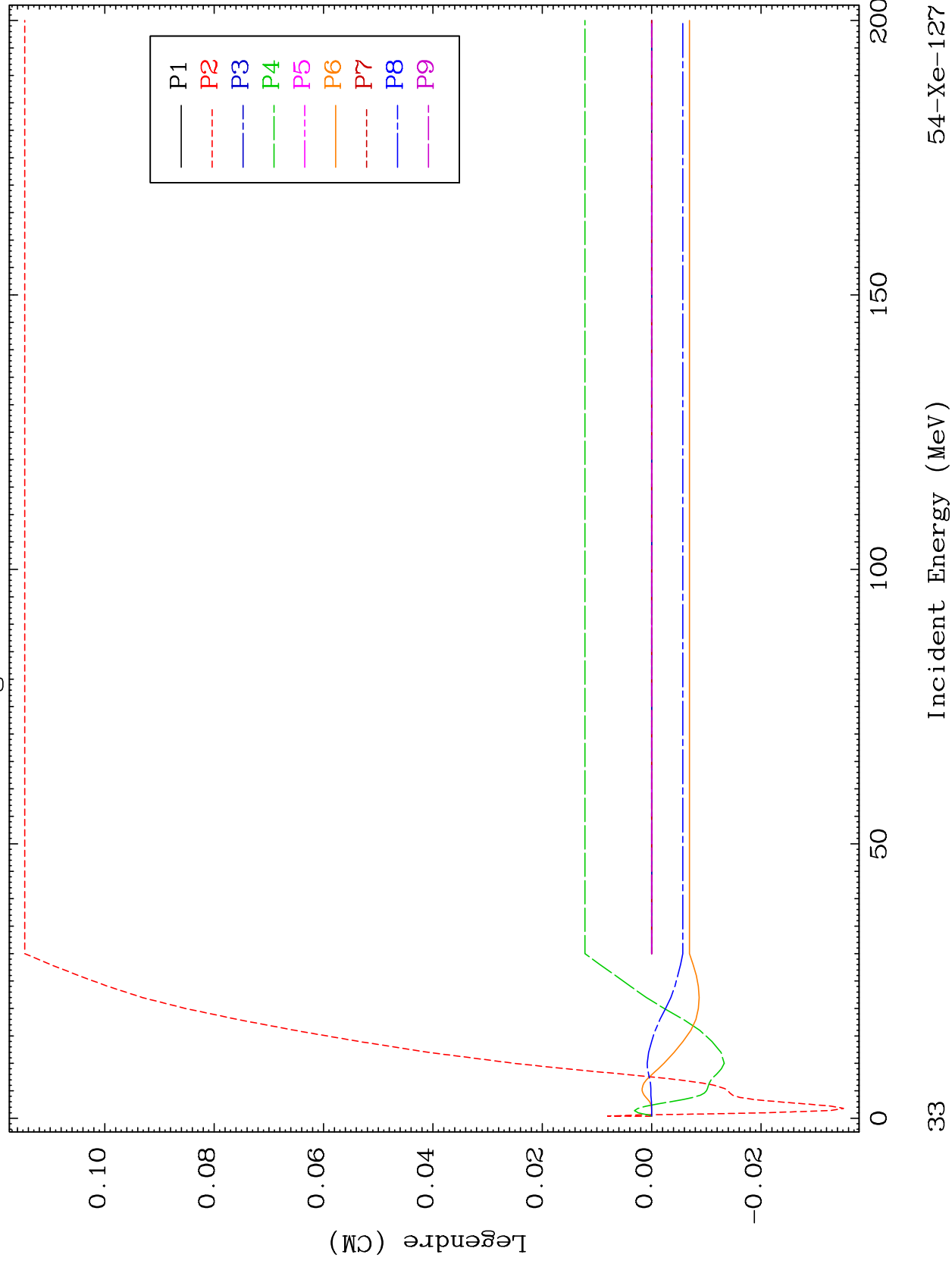


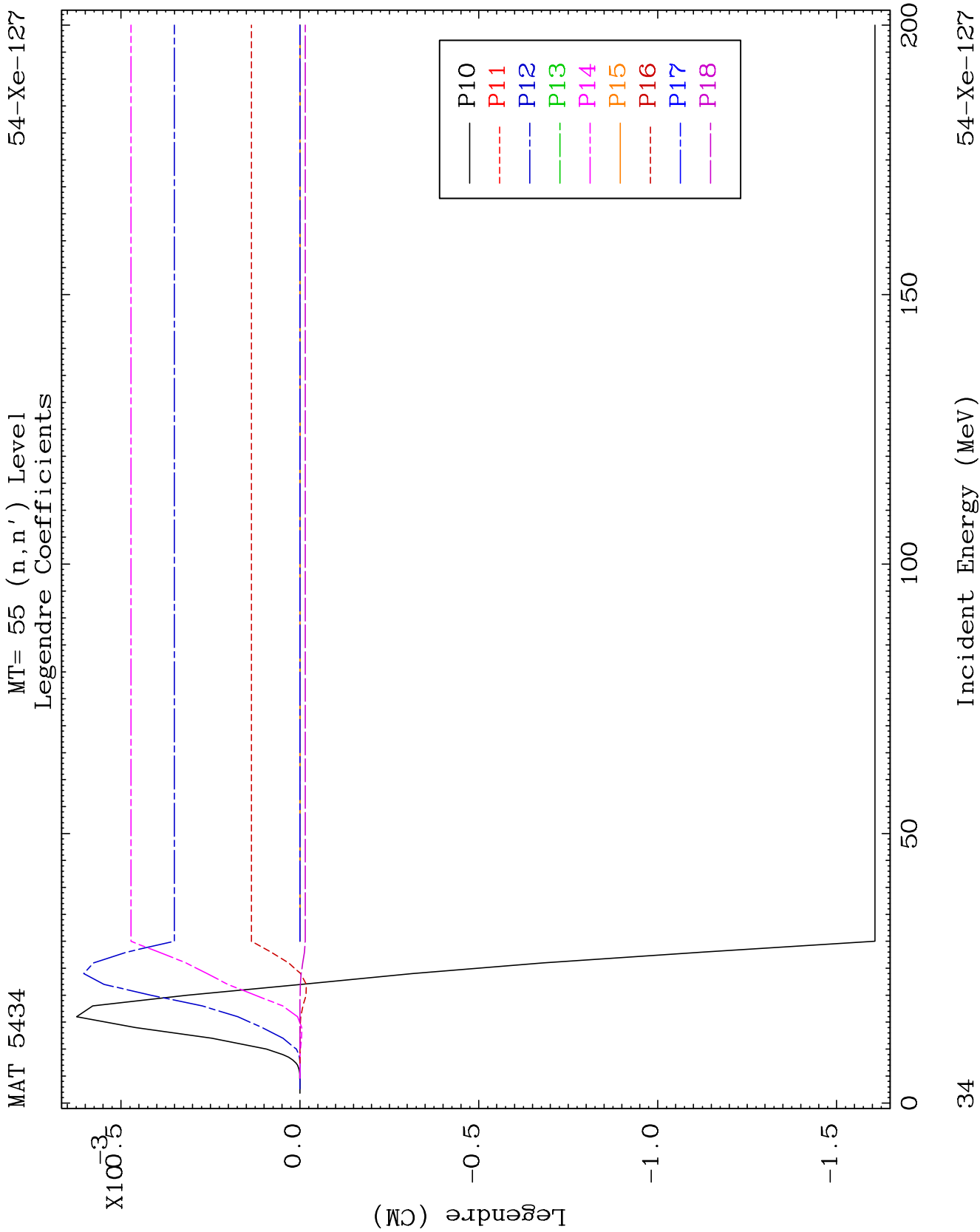


MAT 5434

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

54-Xe-127

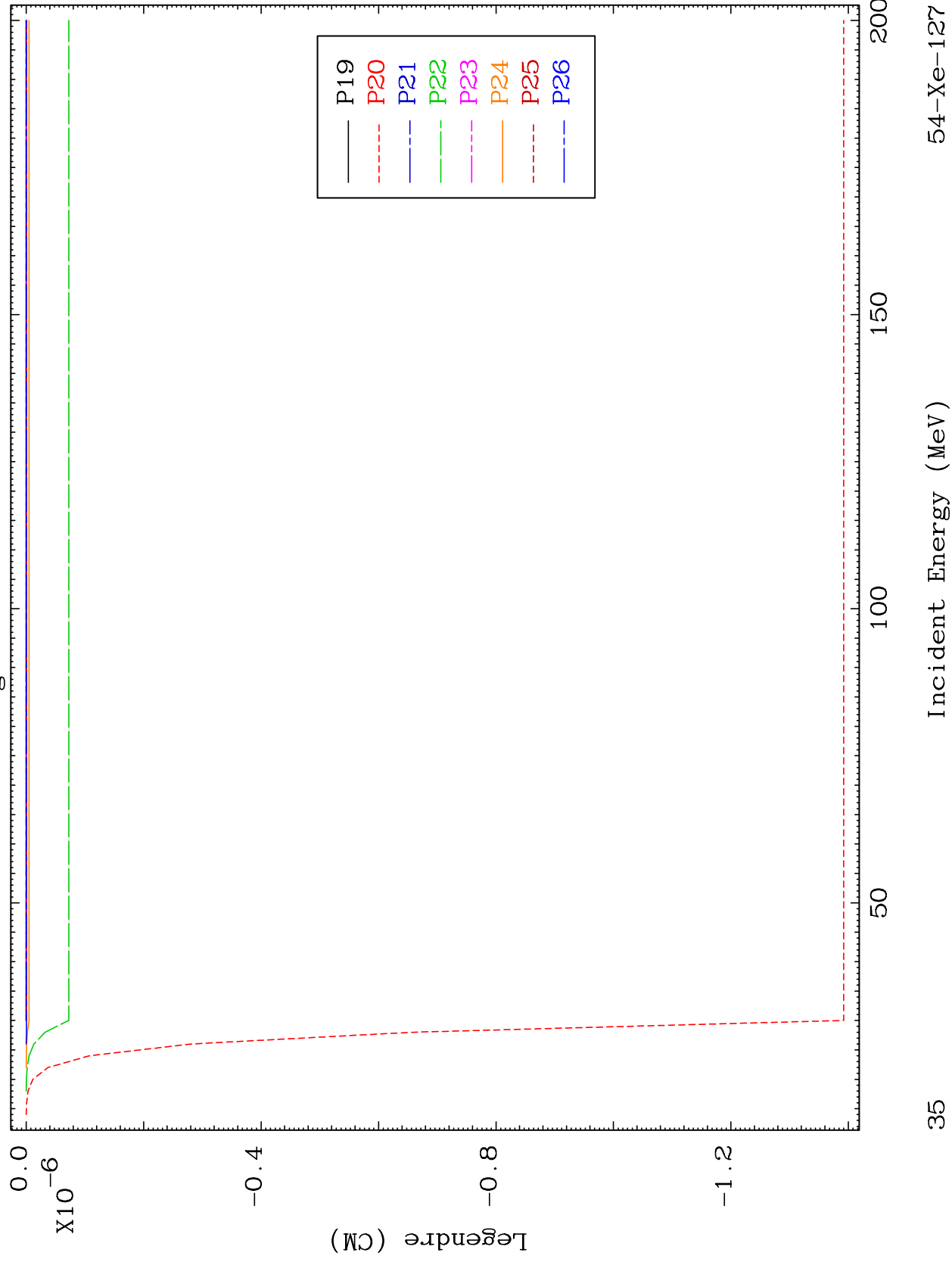




MAT 5434

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

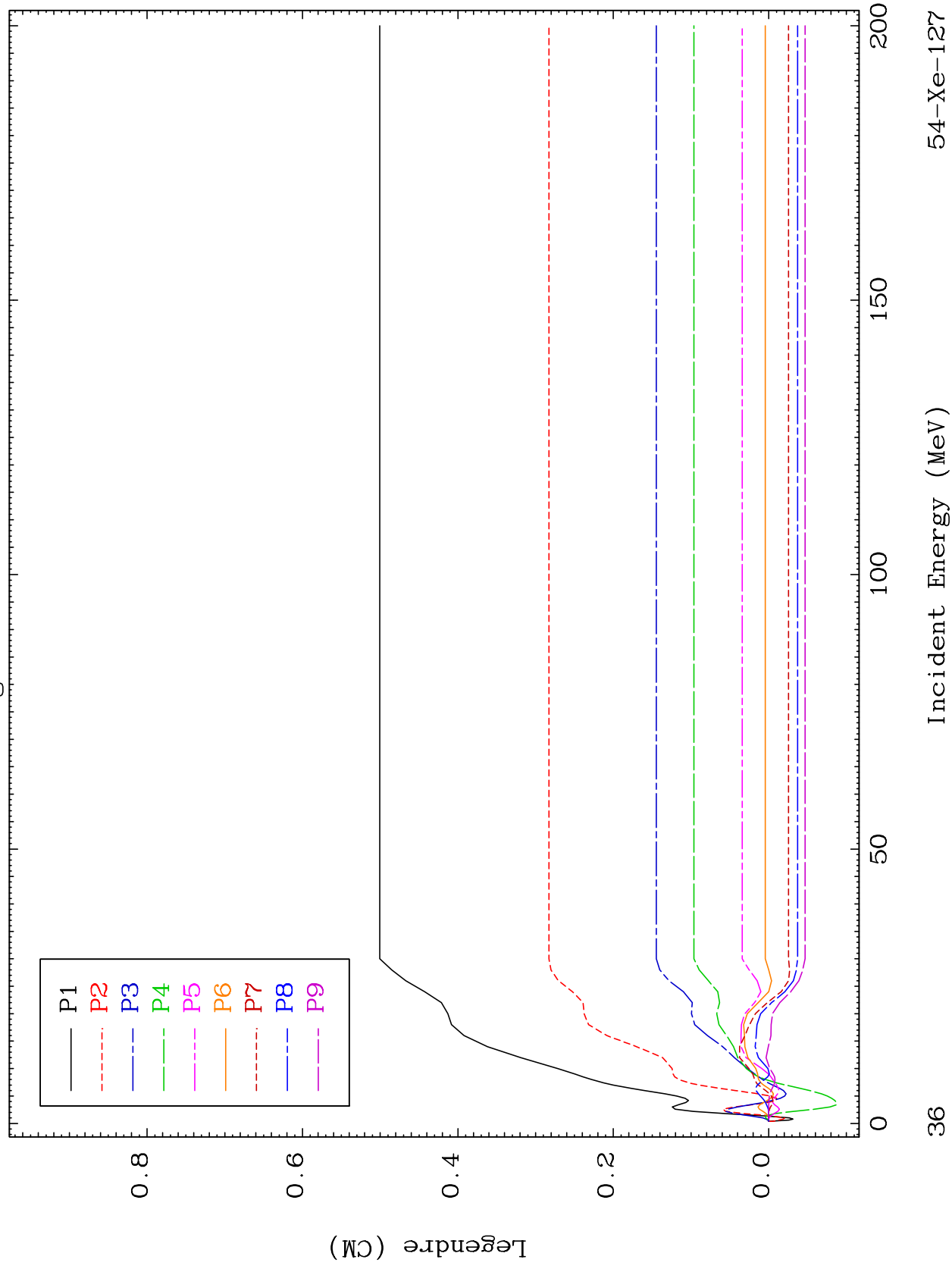
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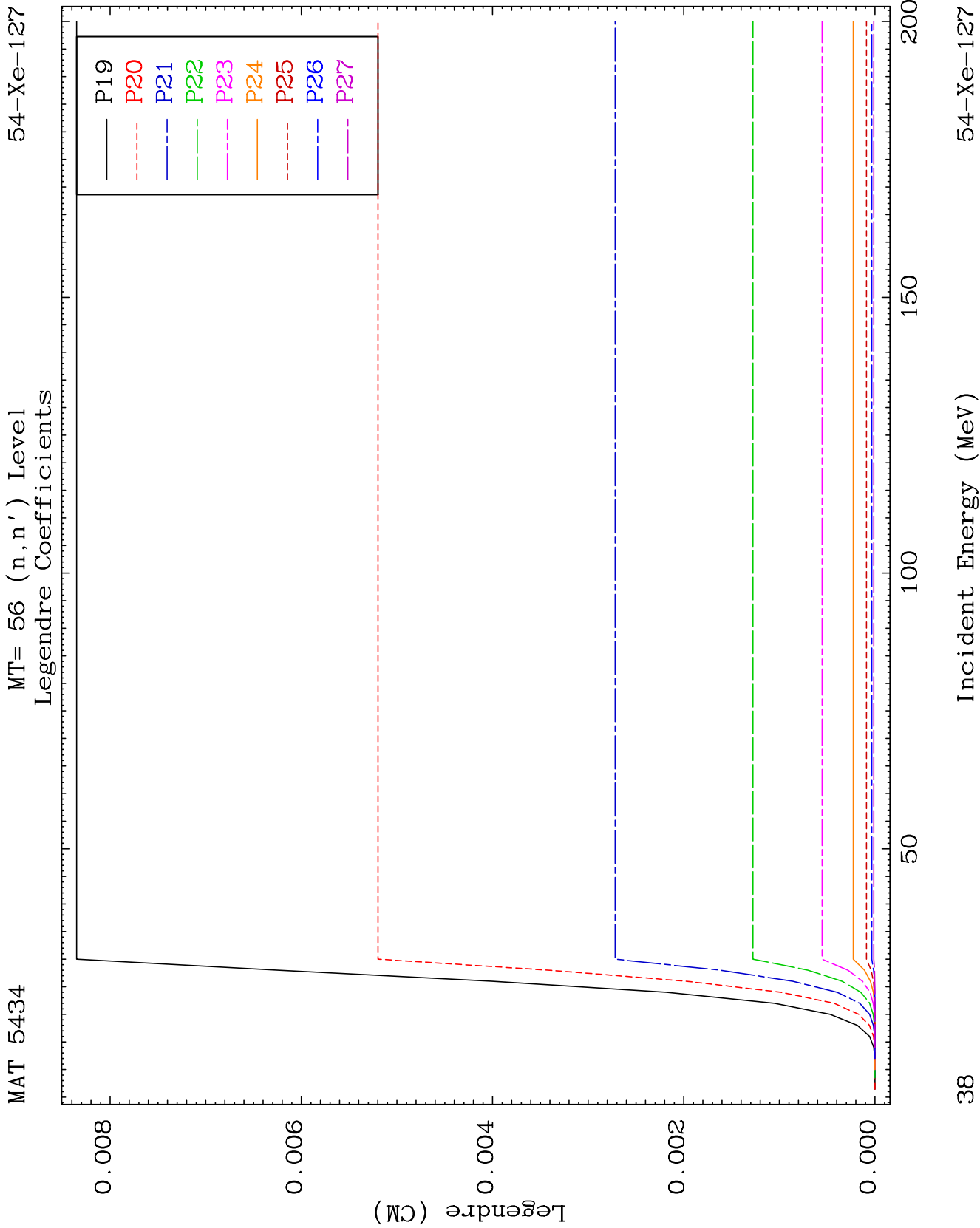


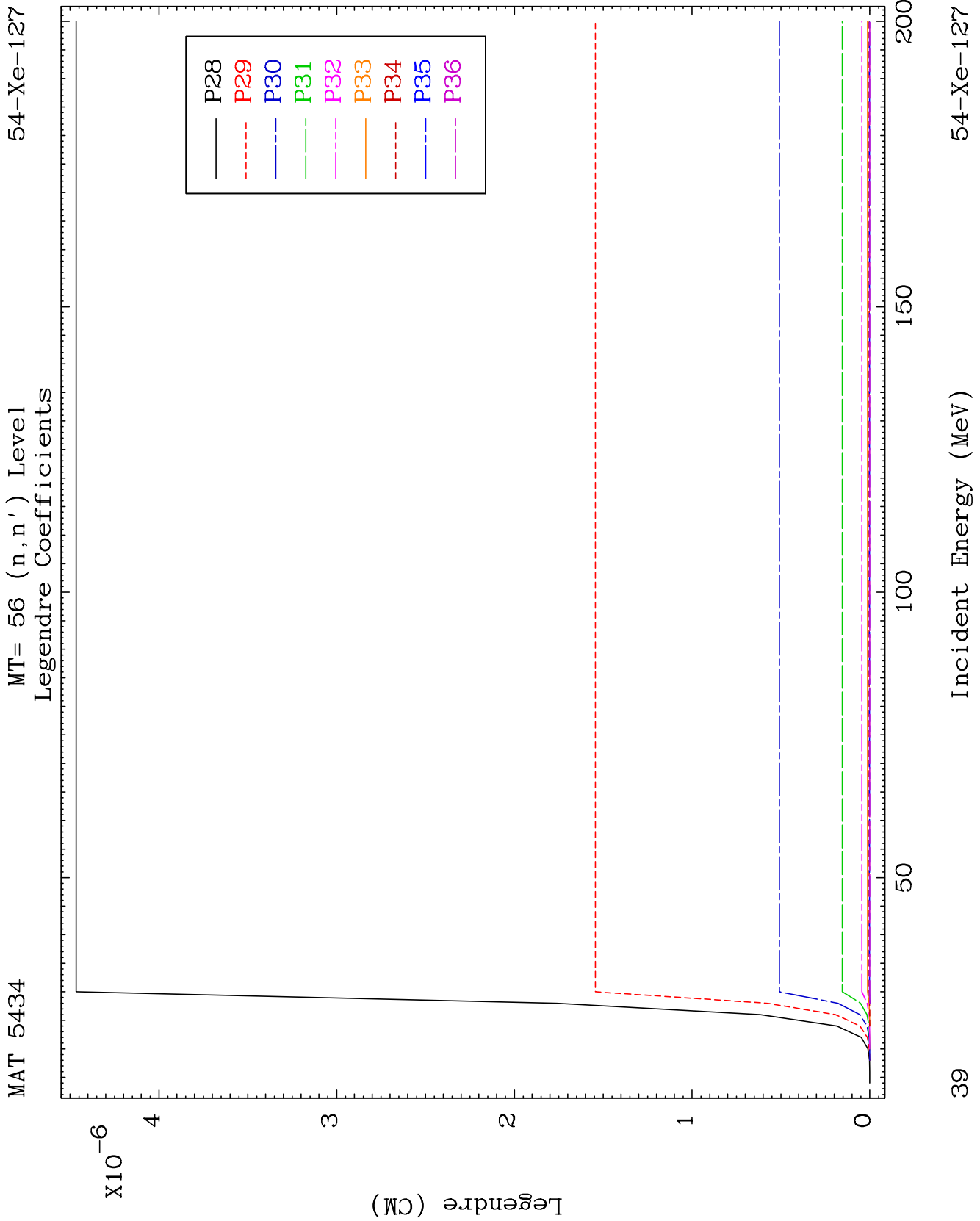
MAT 5434

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

54-Xe-127



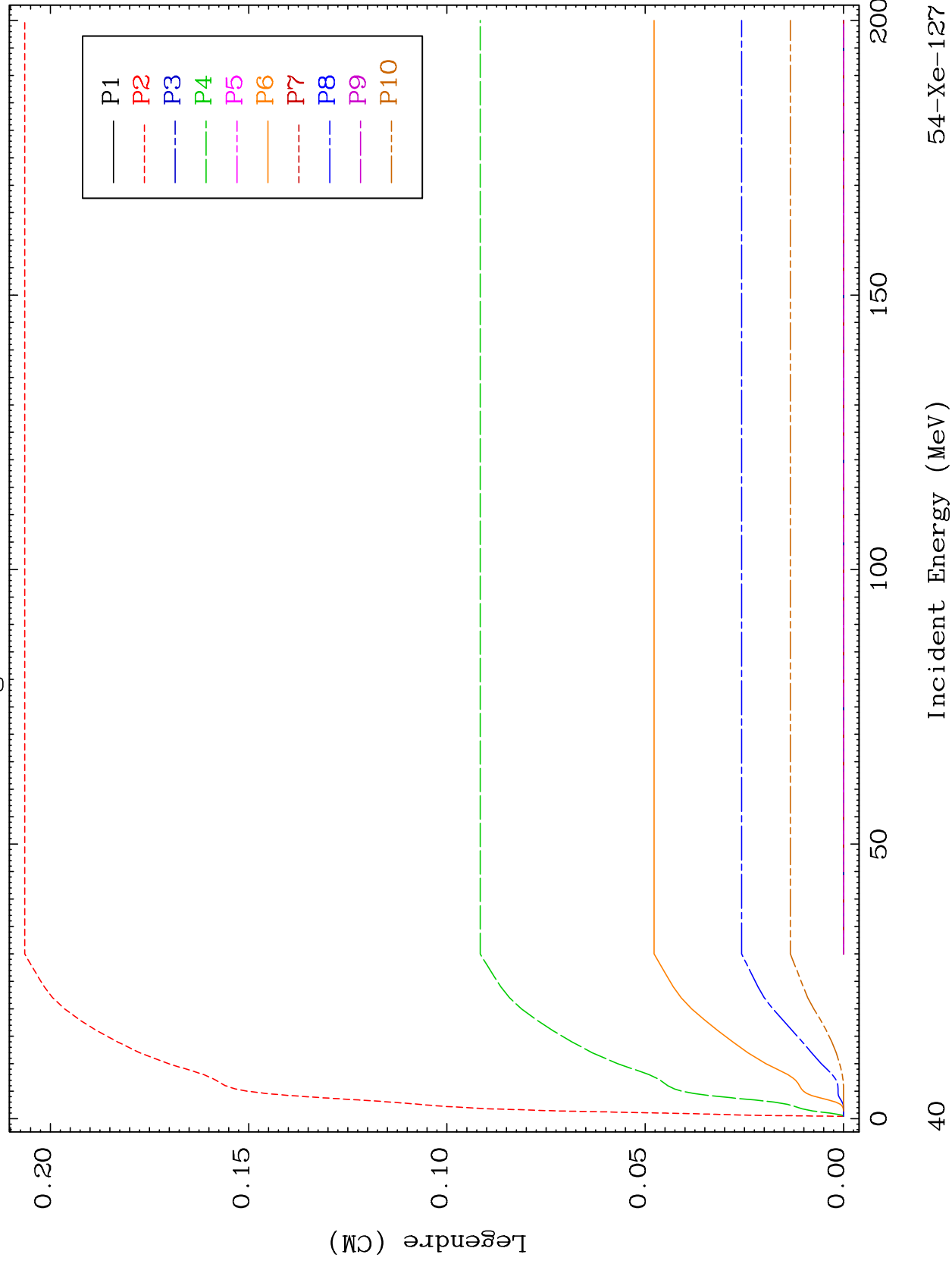


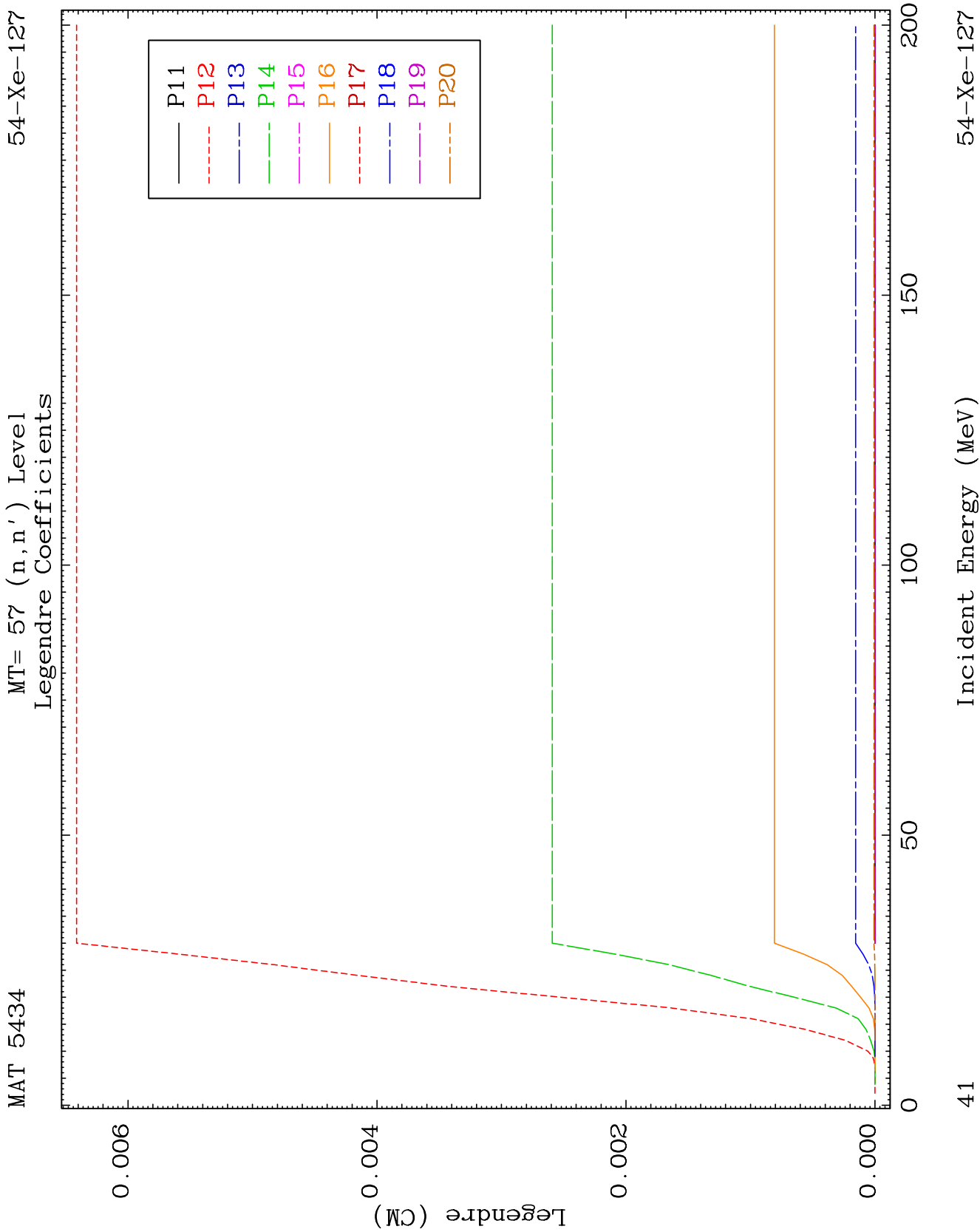


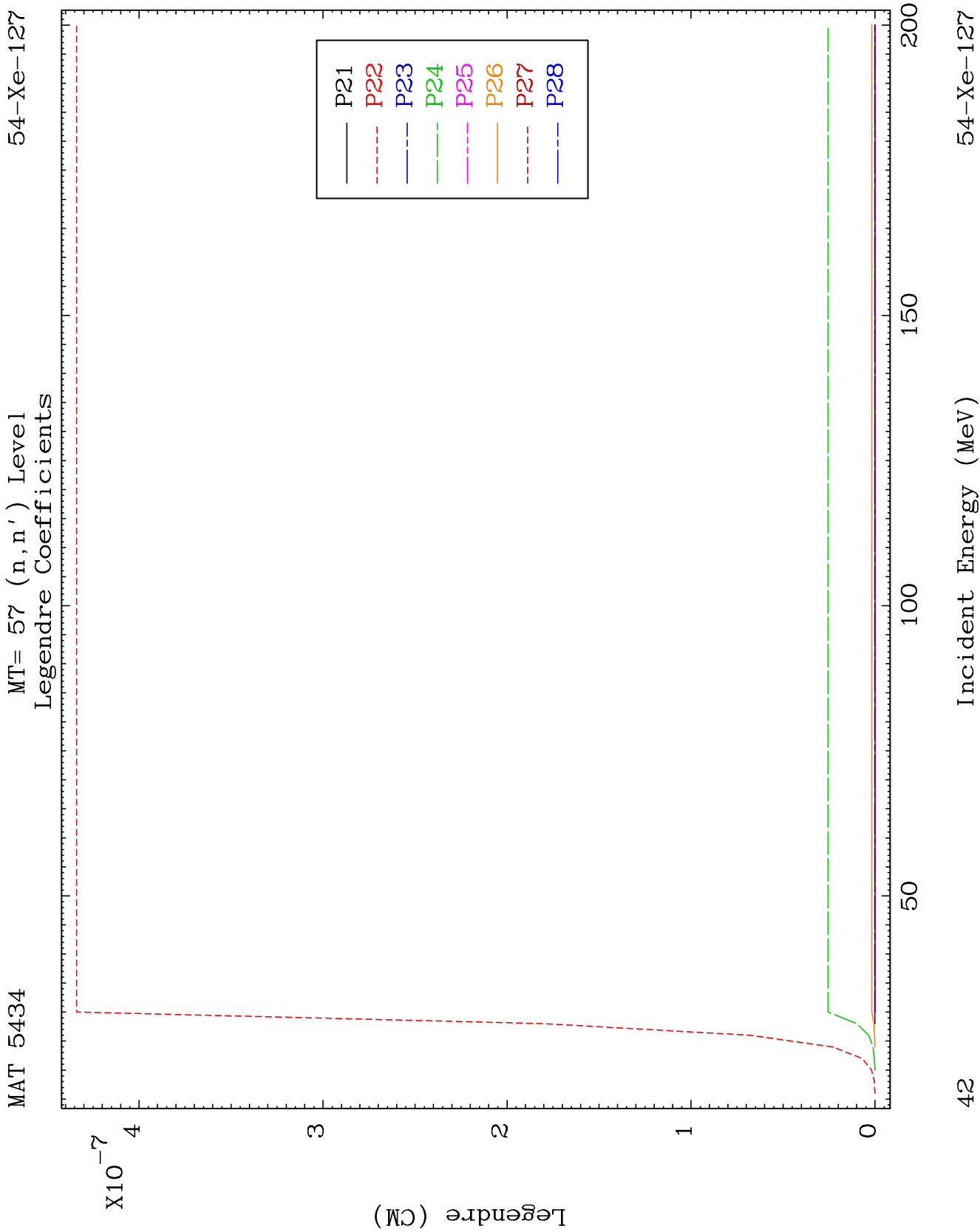
MAT 5434

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

54-Xe-127



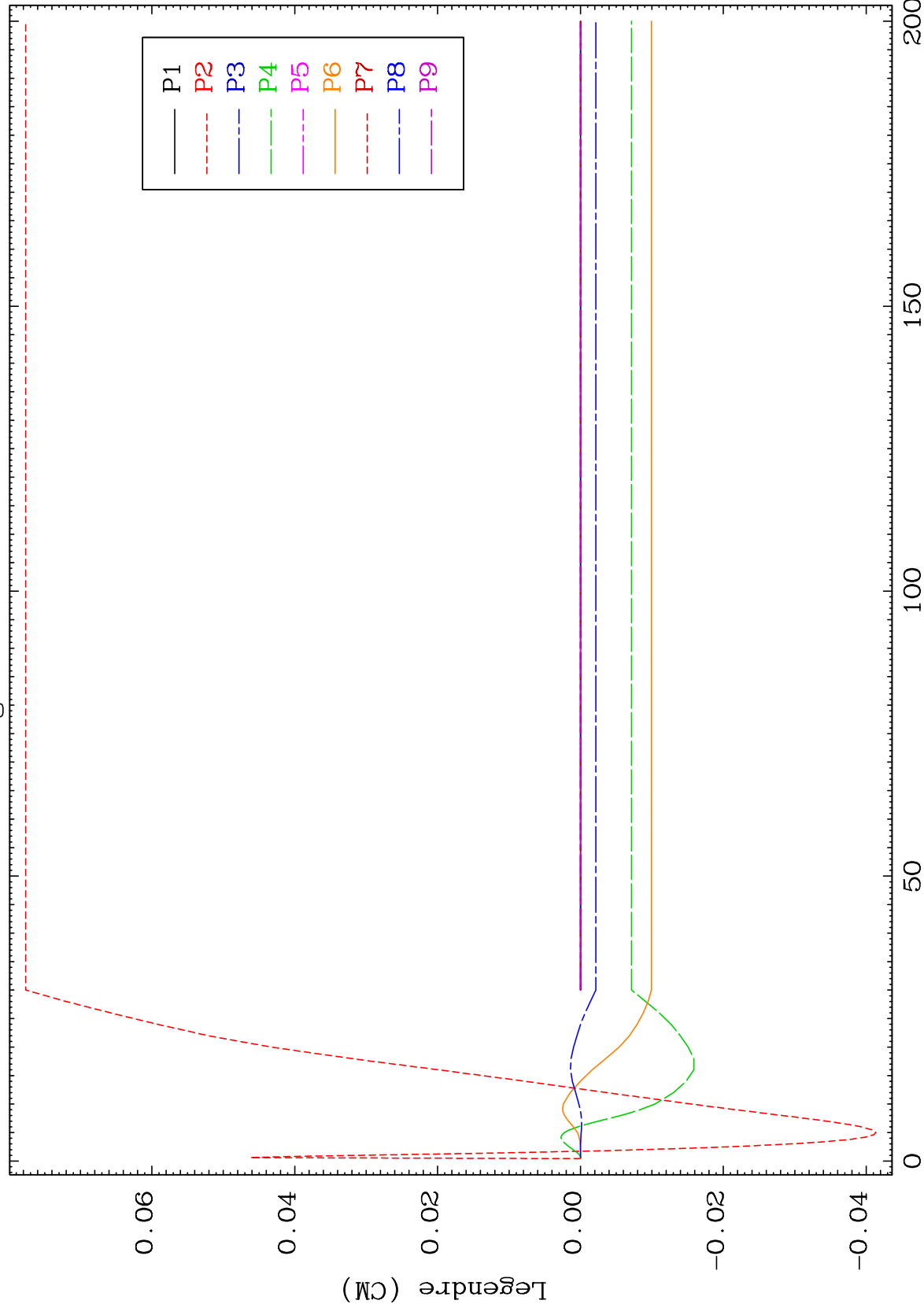




MAT 5434

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

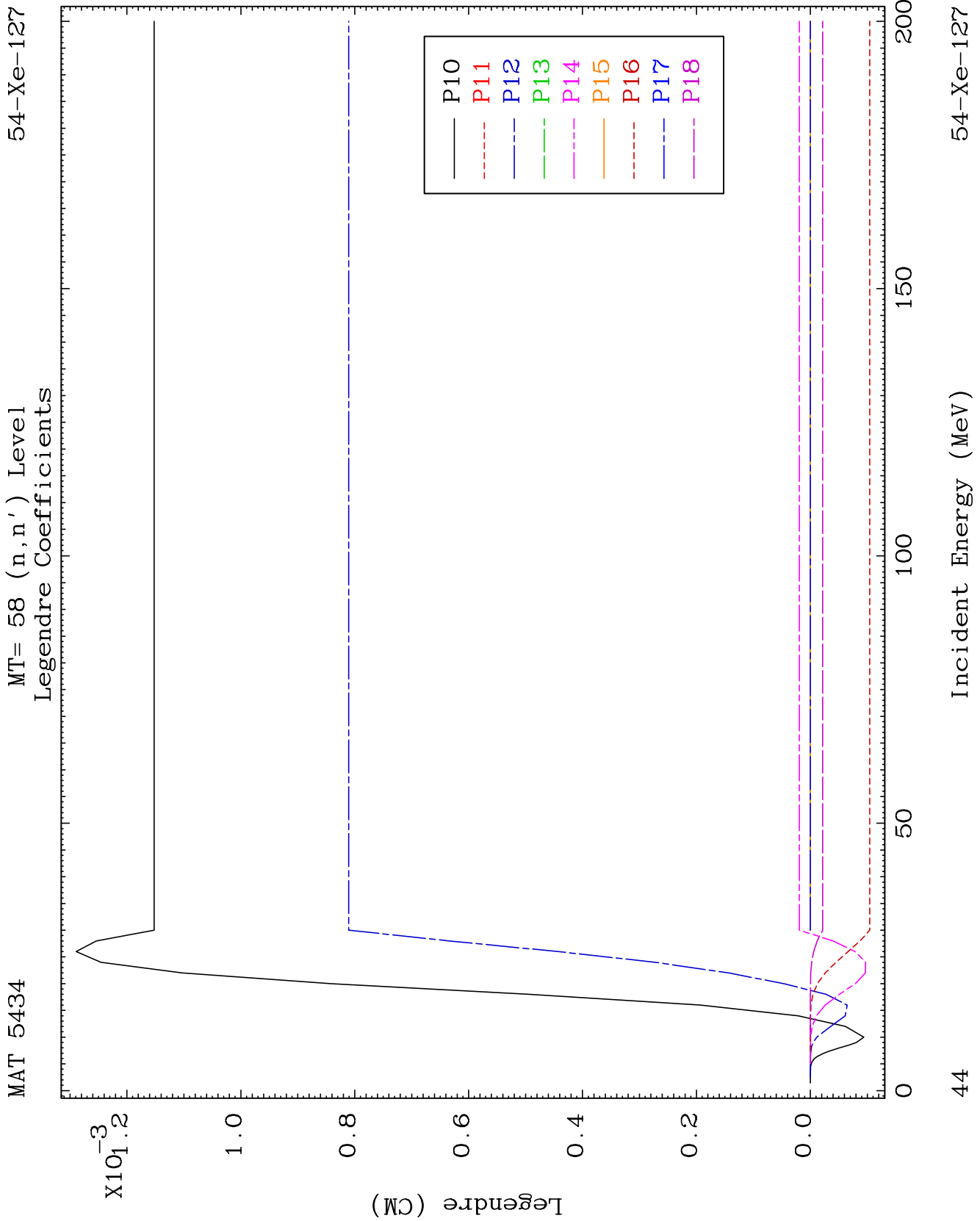
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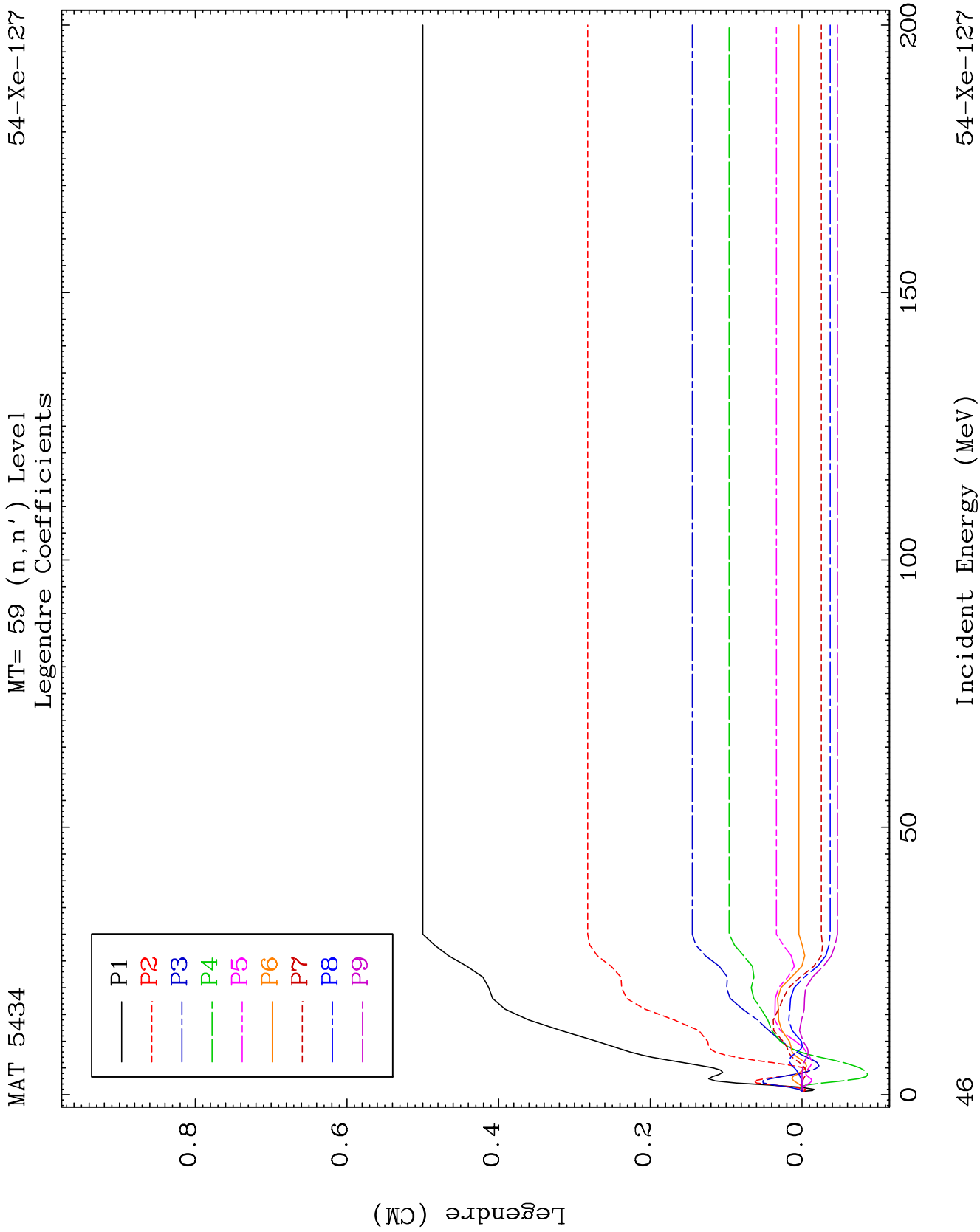


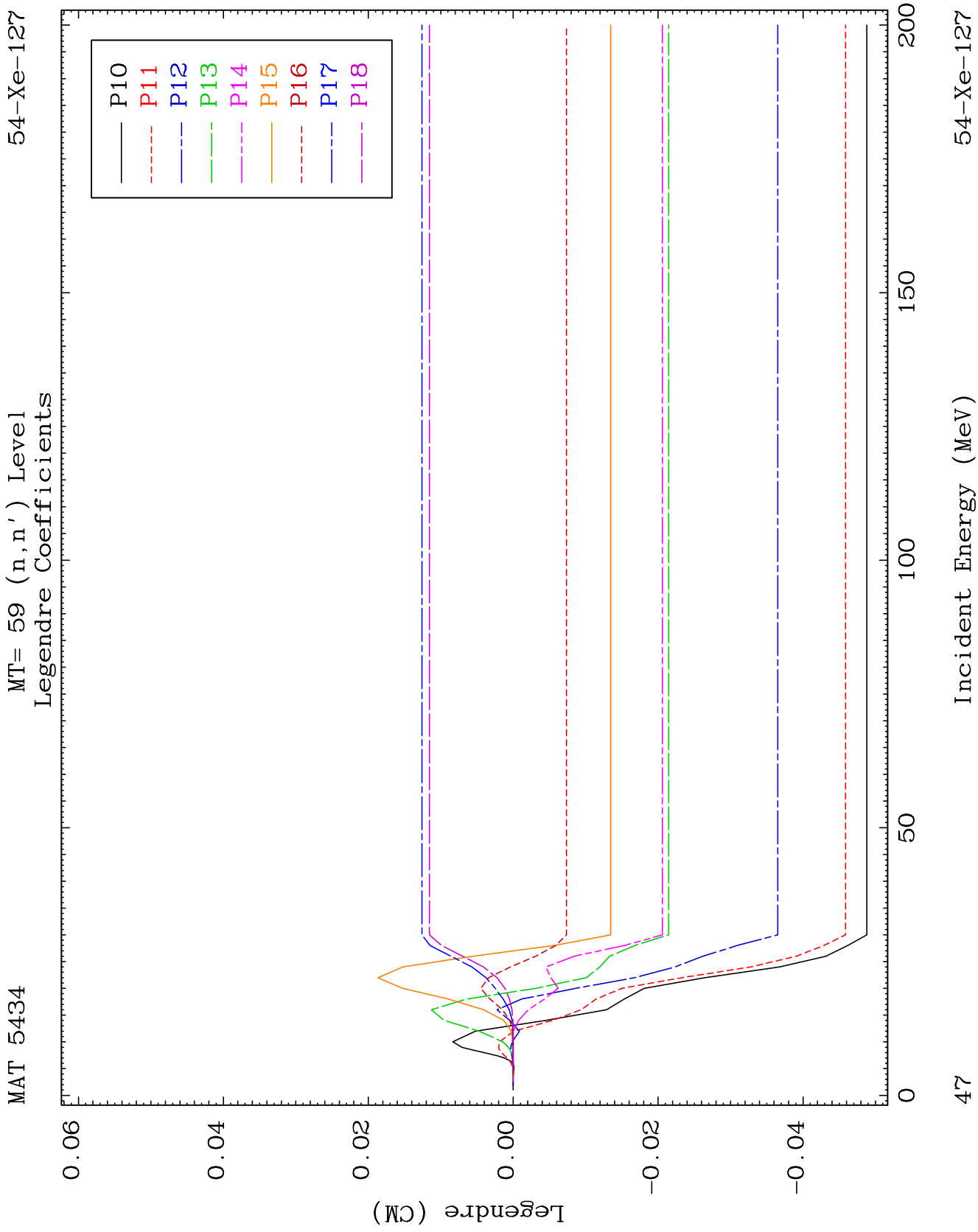
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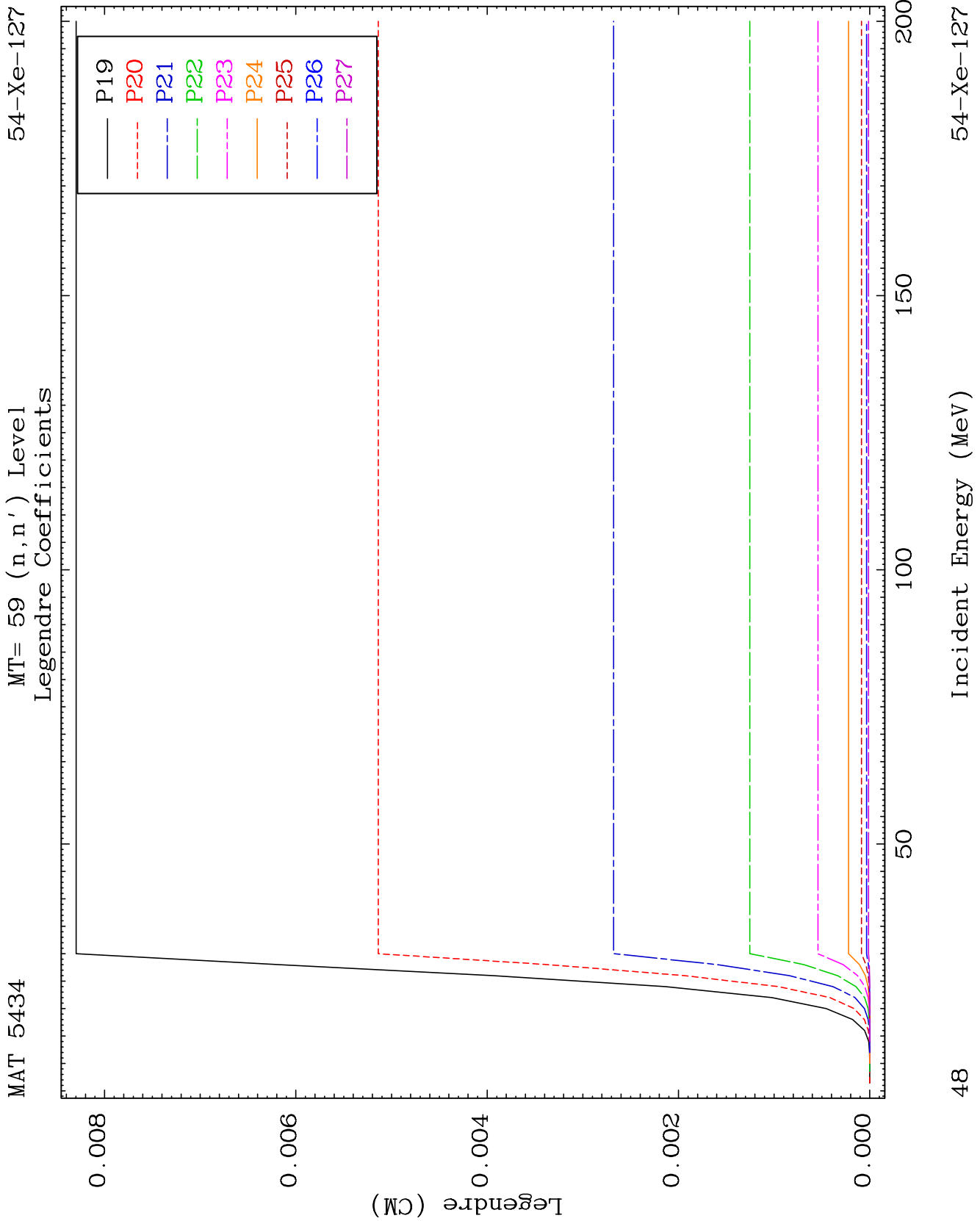
Incident Energy (MeV)

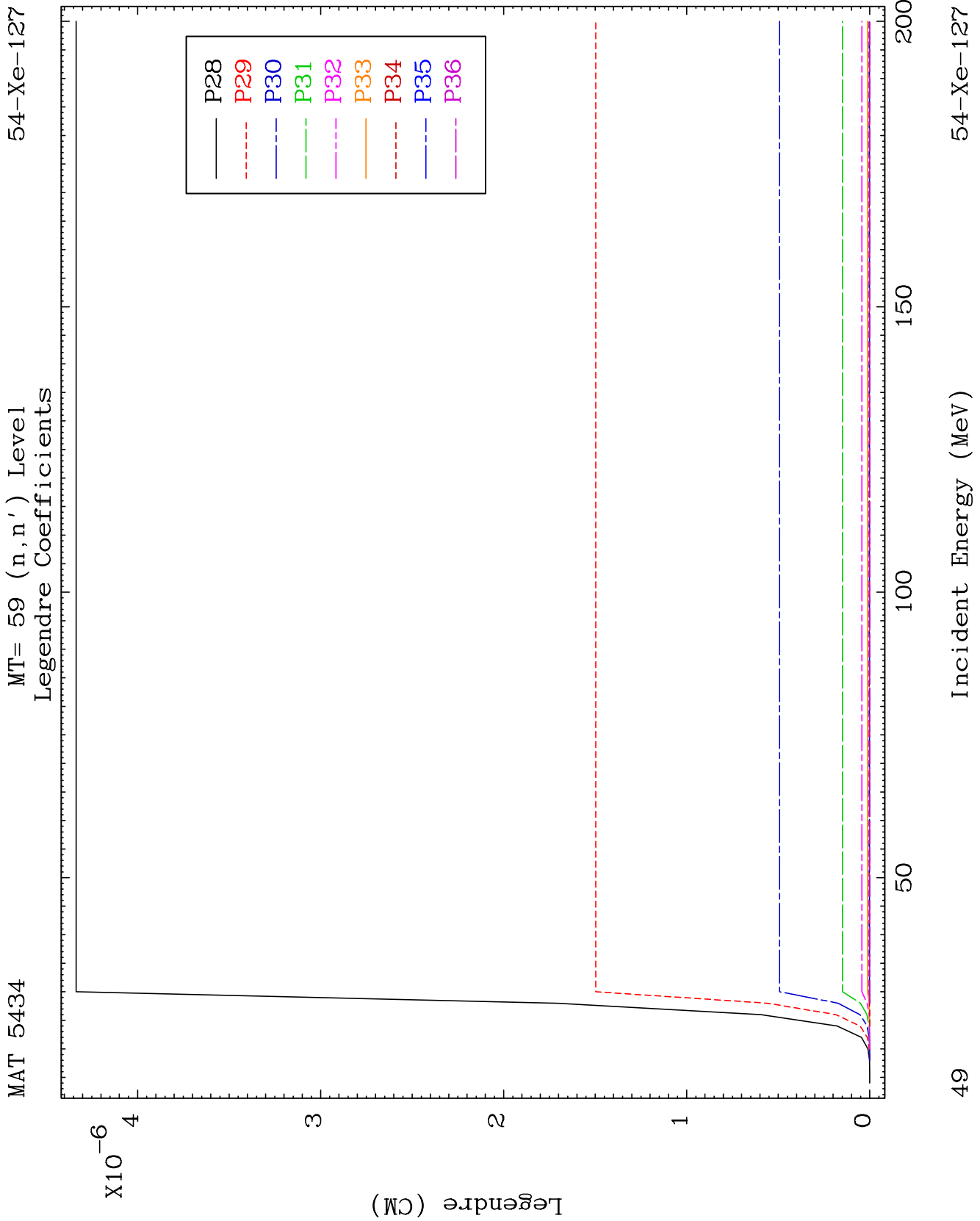
54-Xe-127







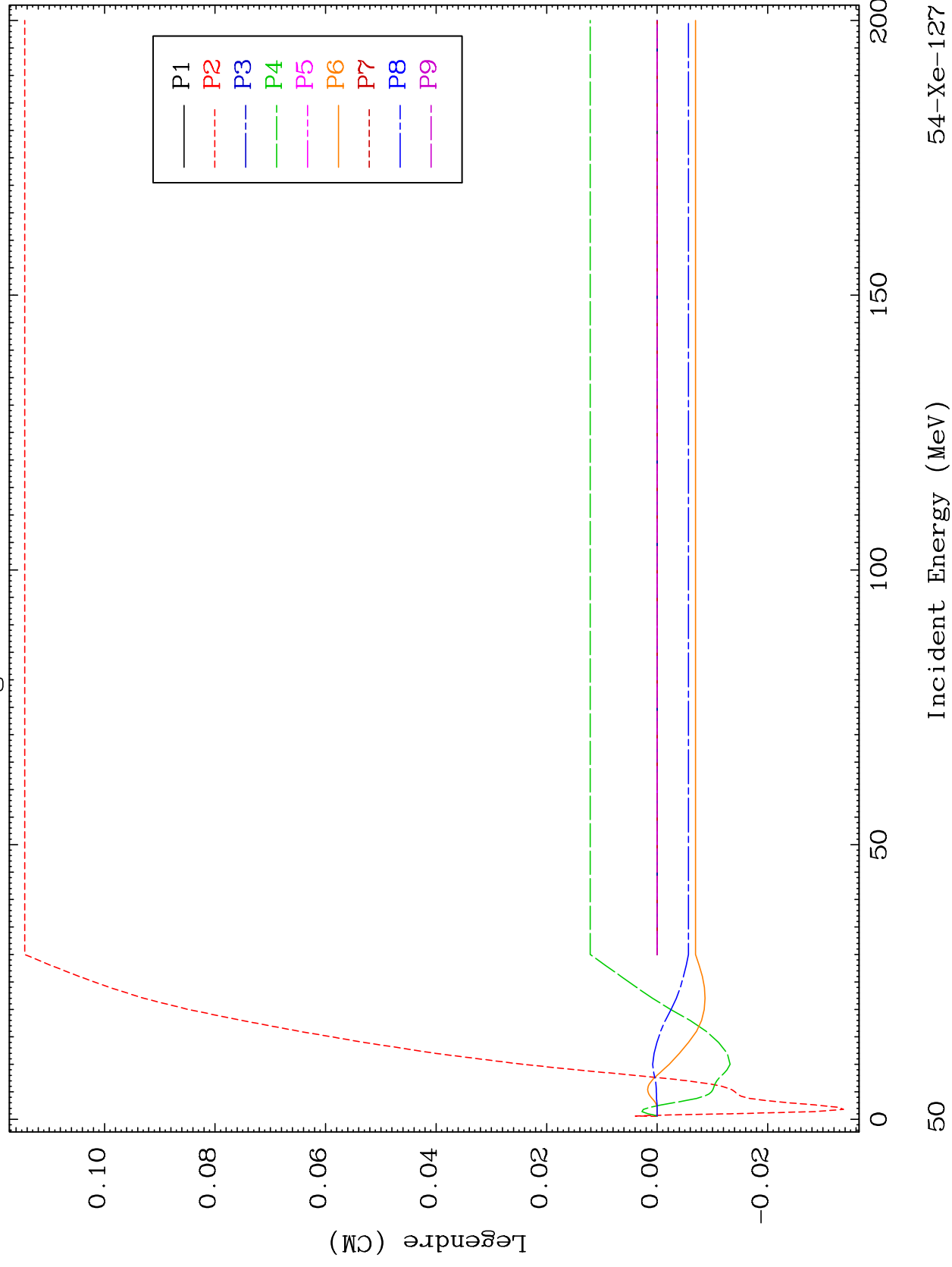


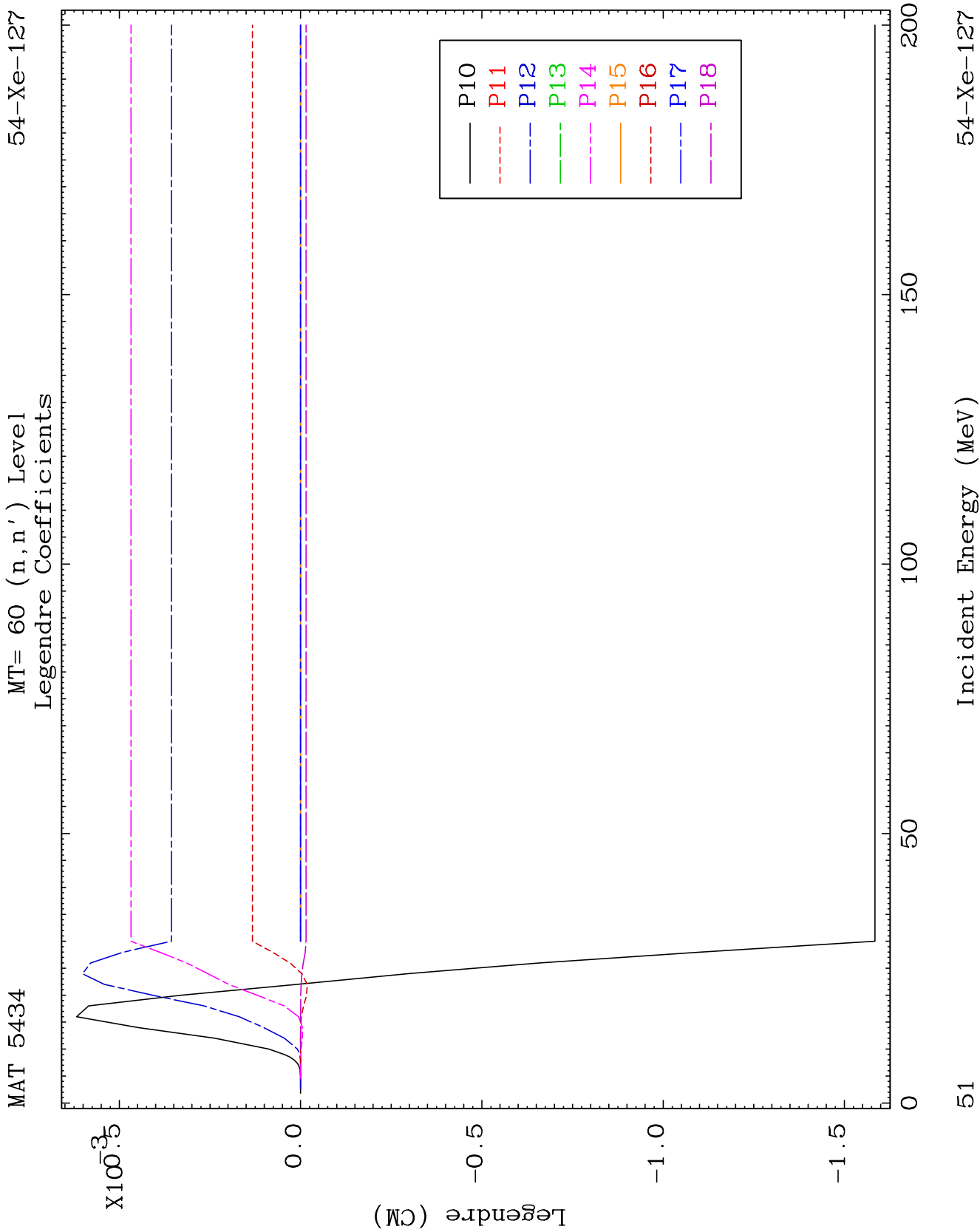


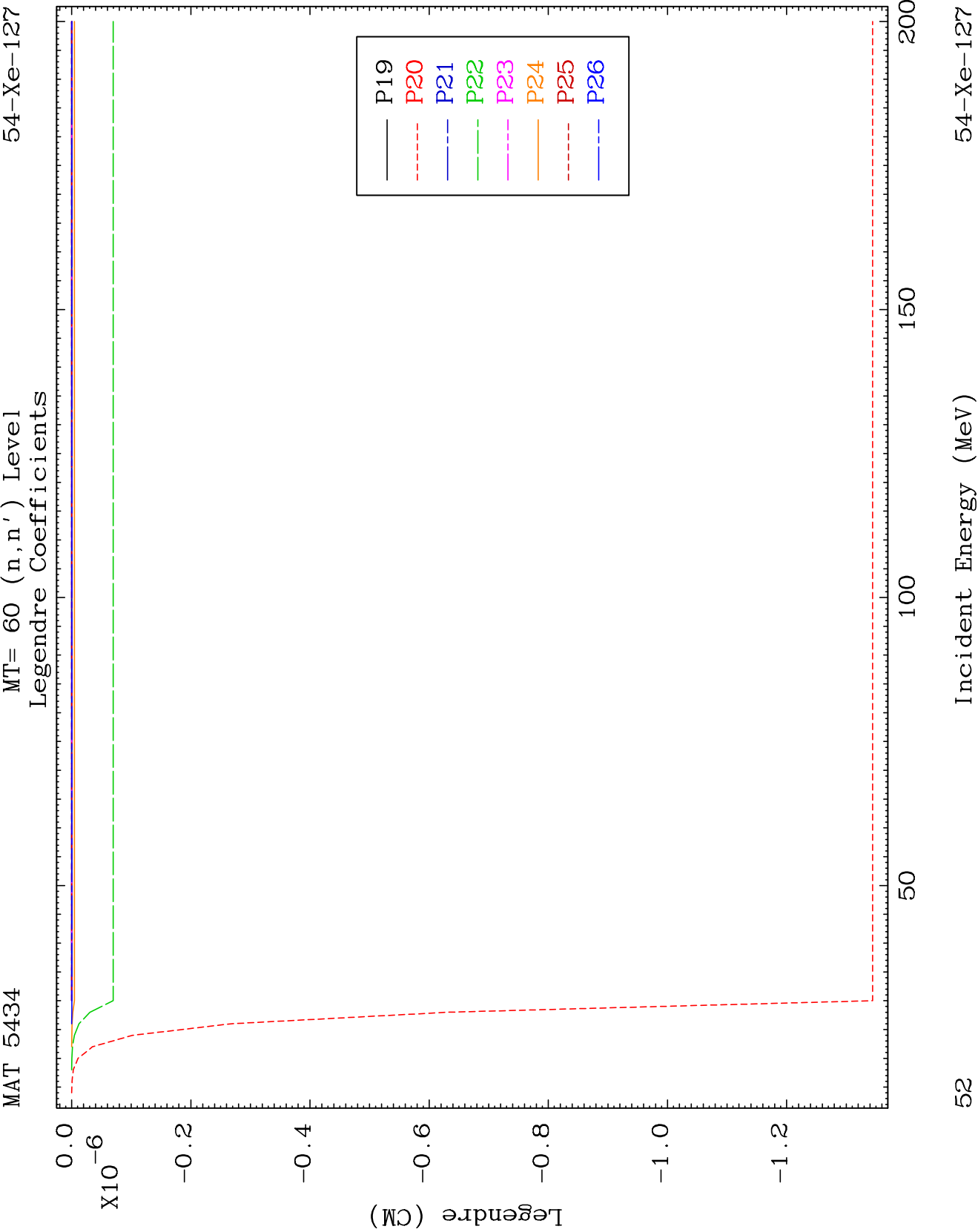
MAT 5434

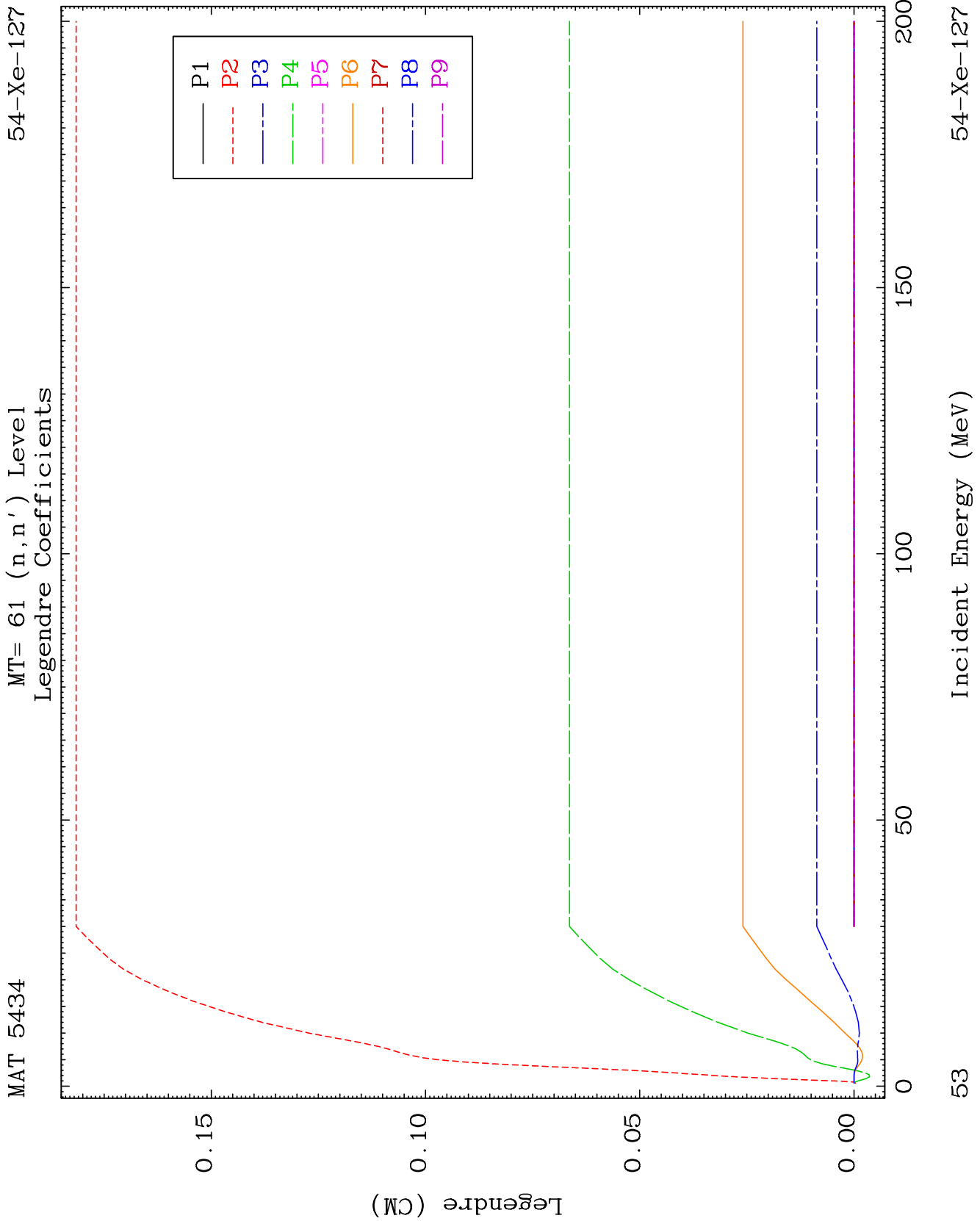
MT= 60 (n, n') Level
Legendre Coefficients

54-Xe-127





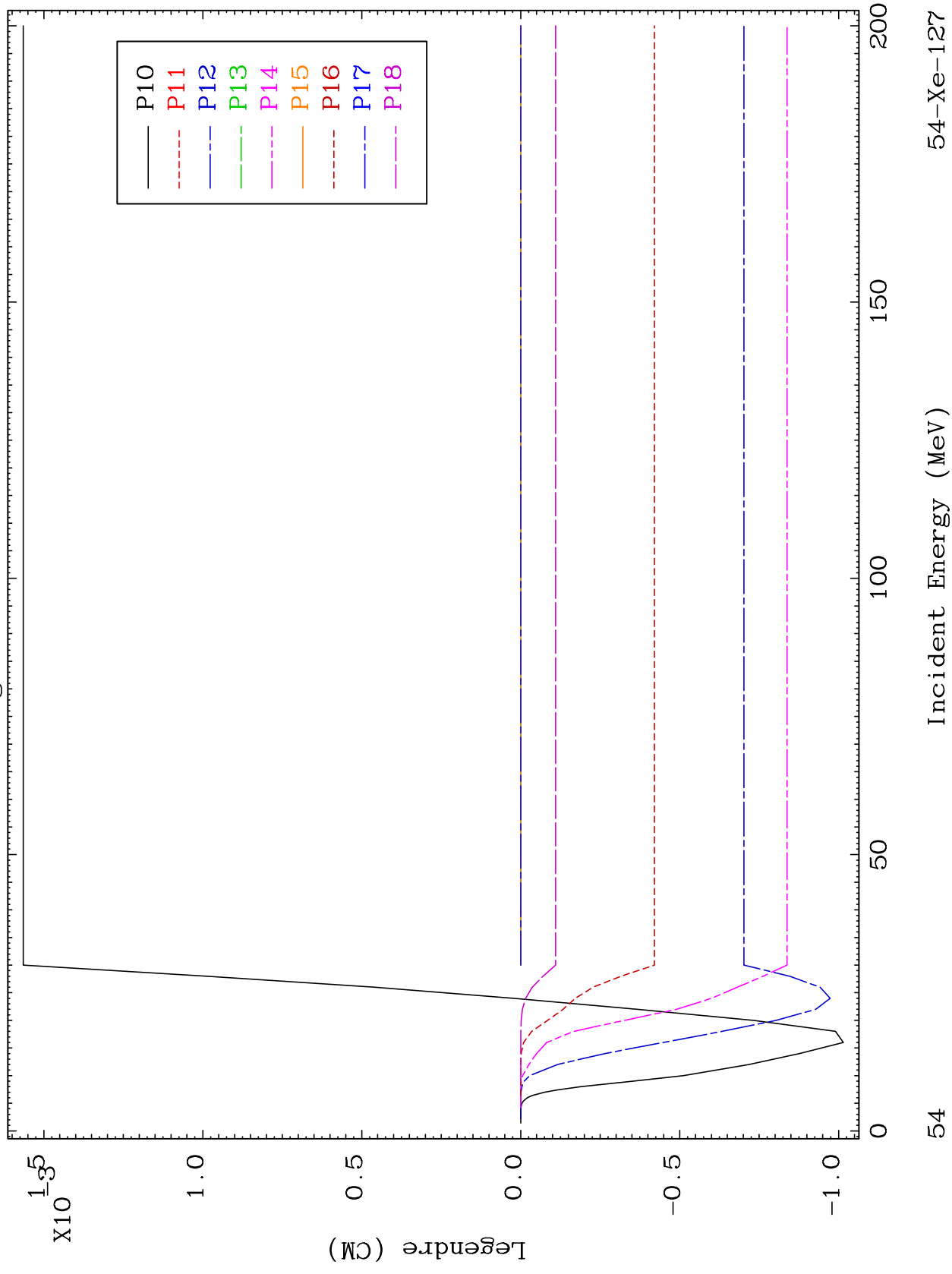


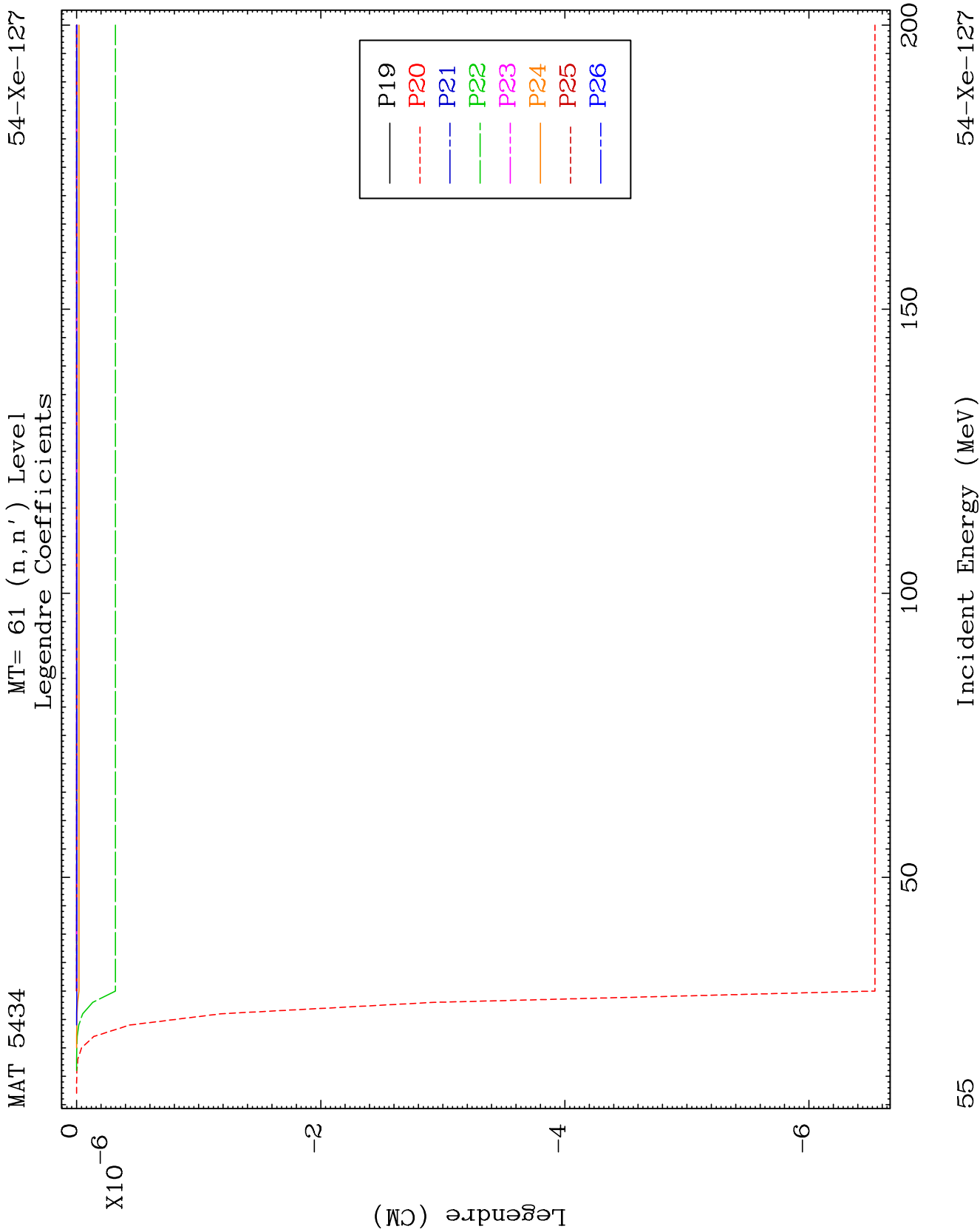


MAT 5434

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

54-Xe-127

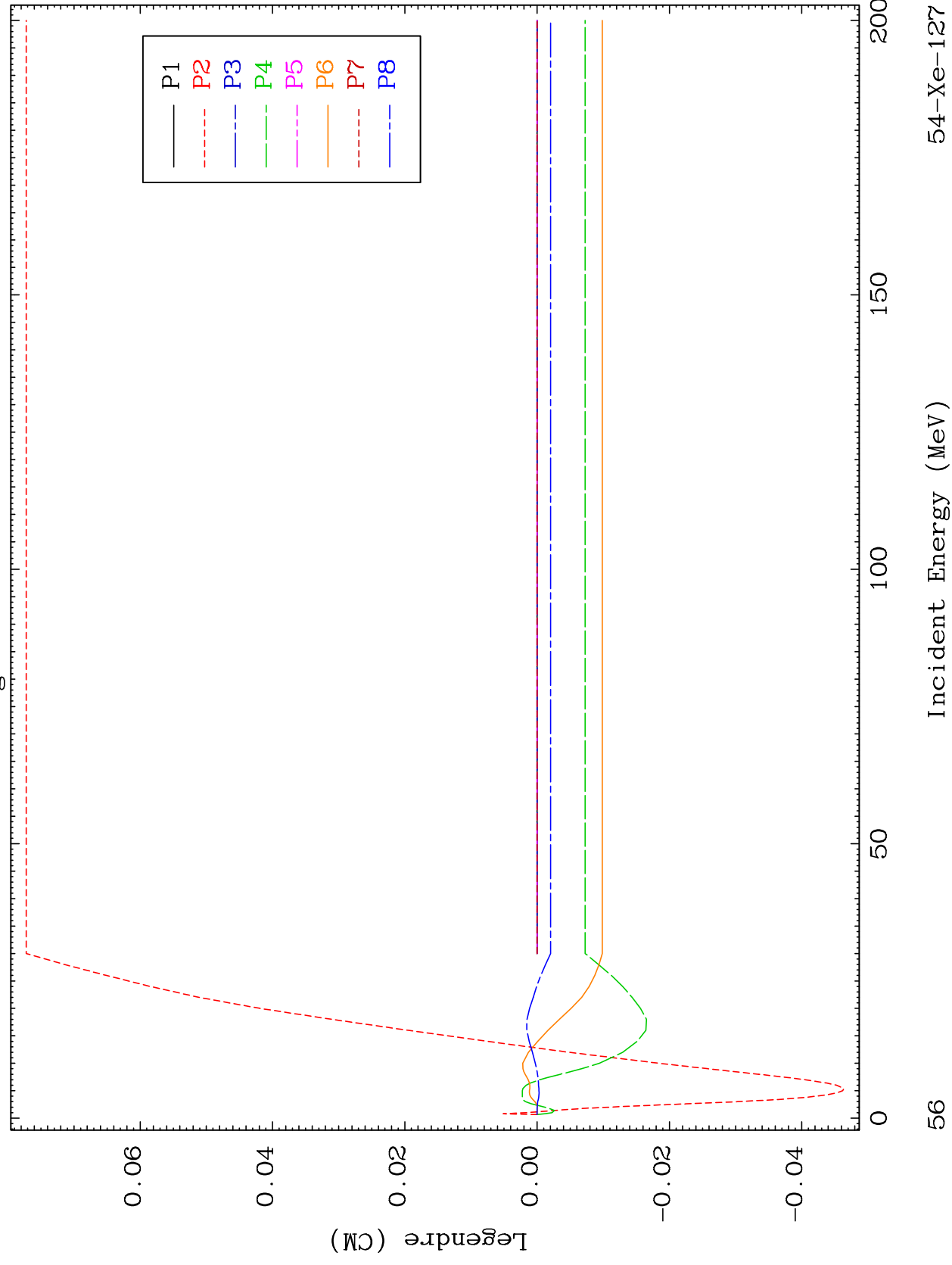


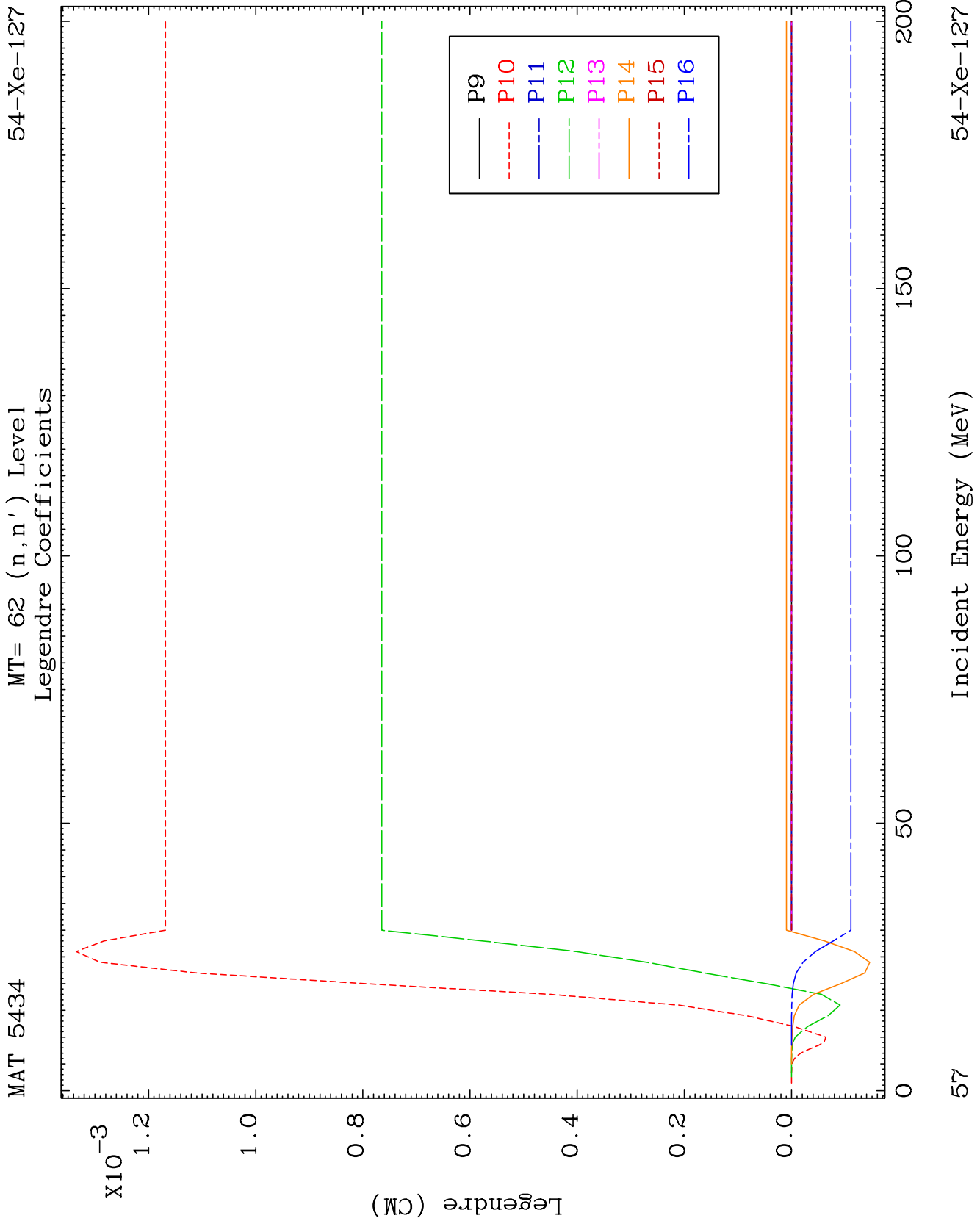


MAT 5434

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

54-Xe-127

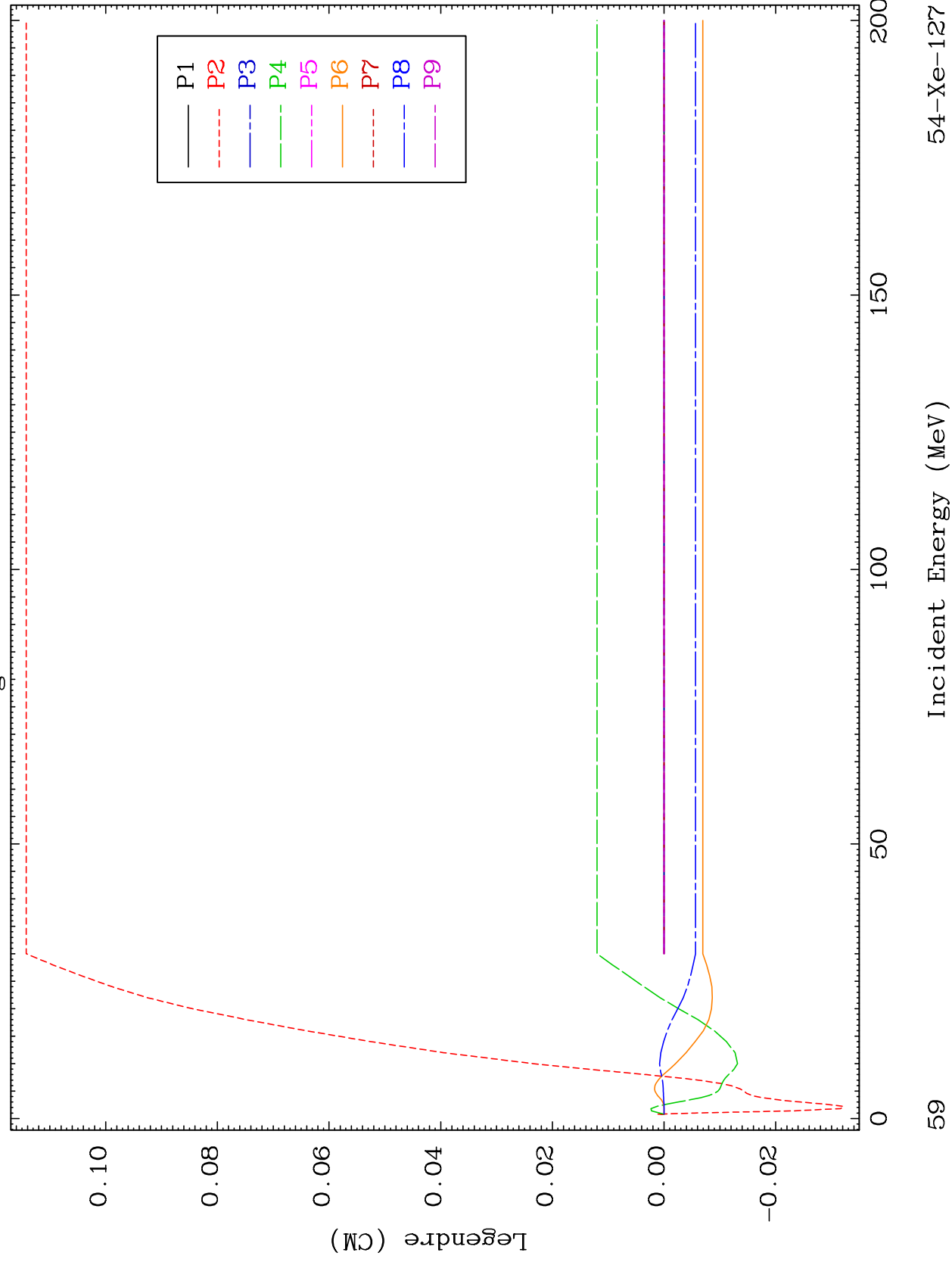


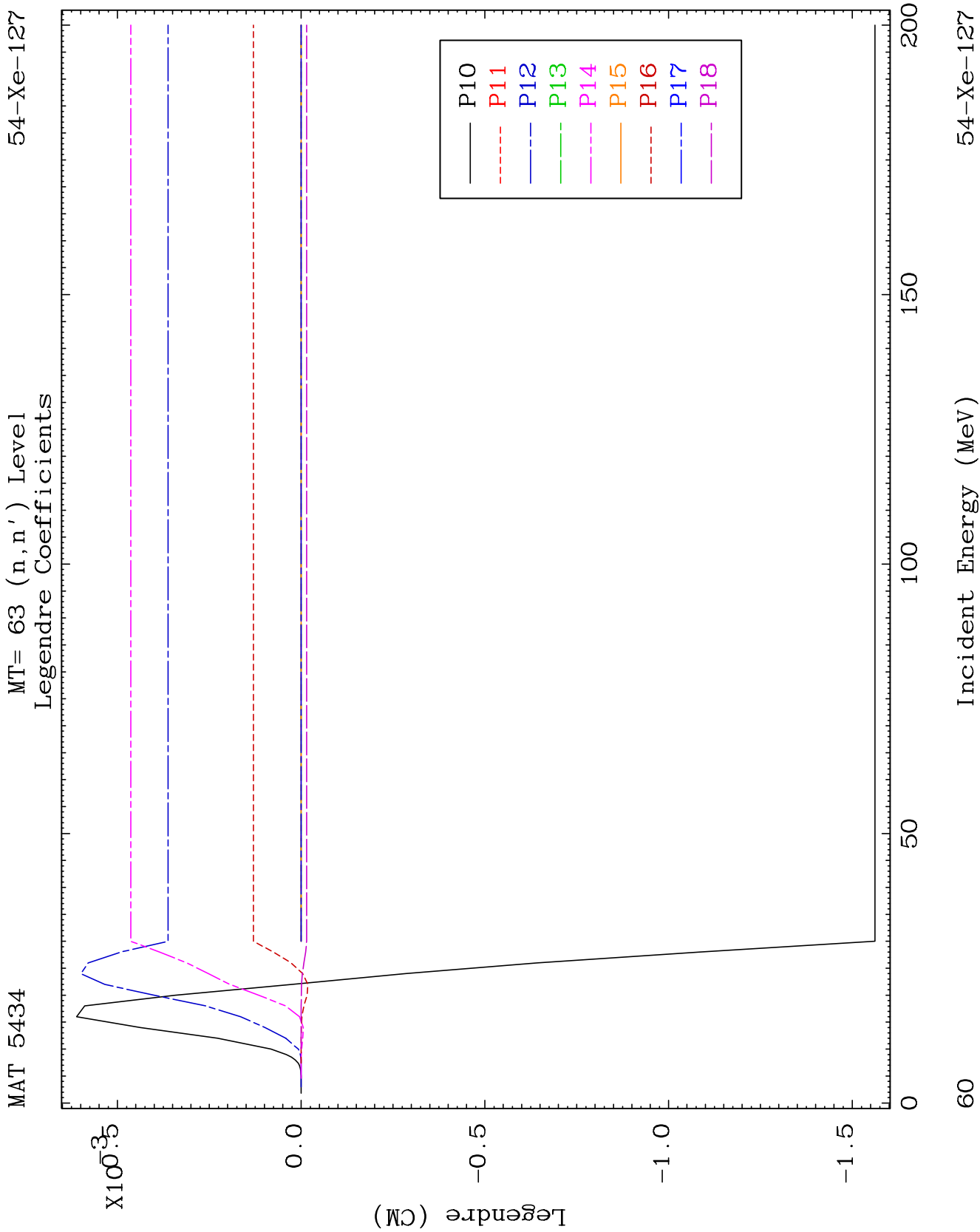


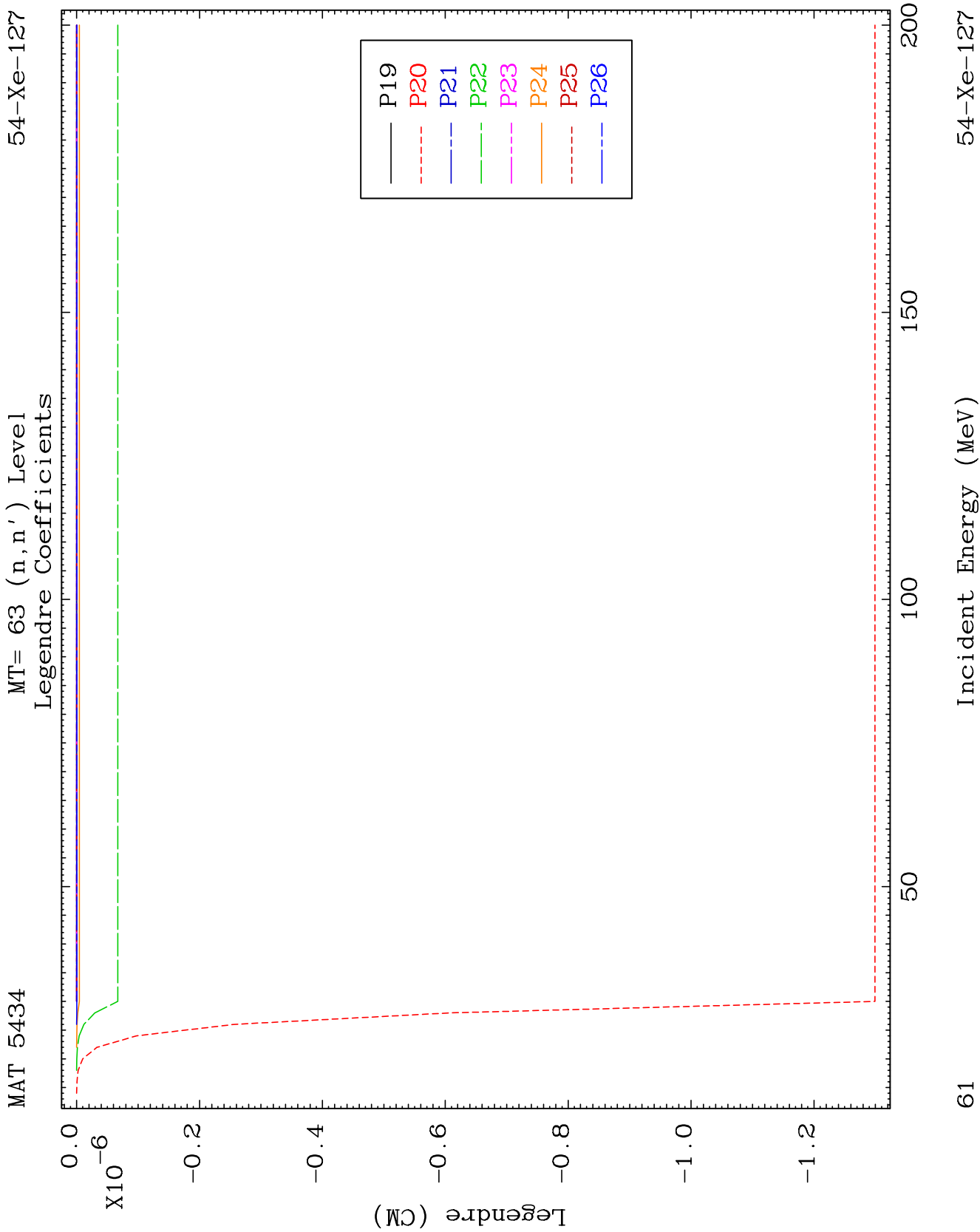
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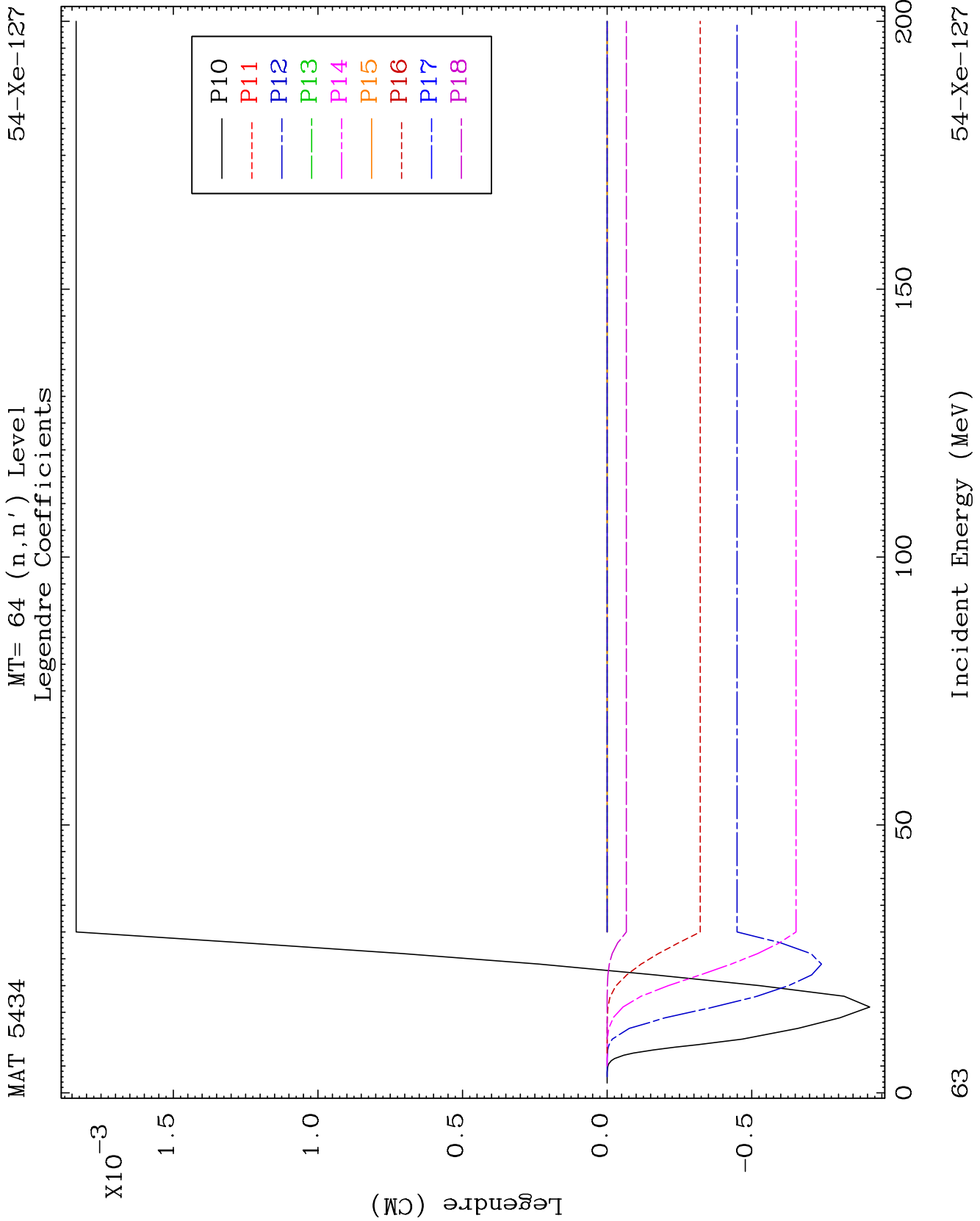
MT= 63 (n, n') Level
Legendre Coefficients

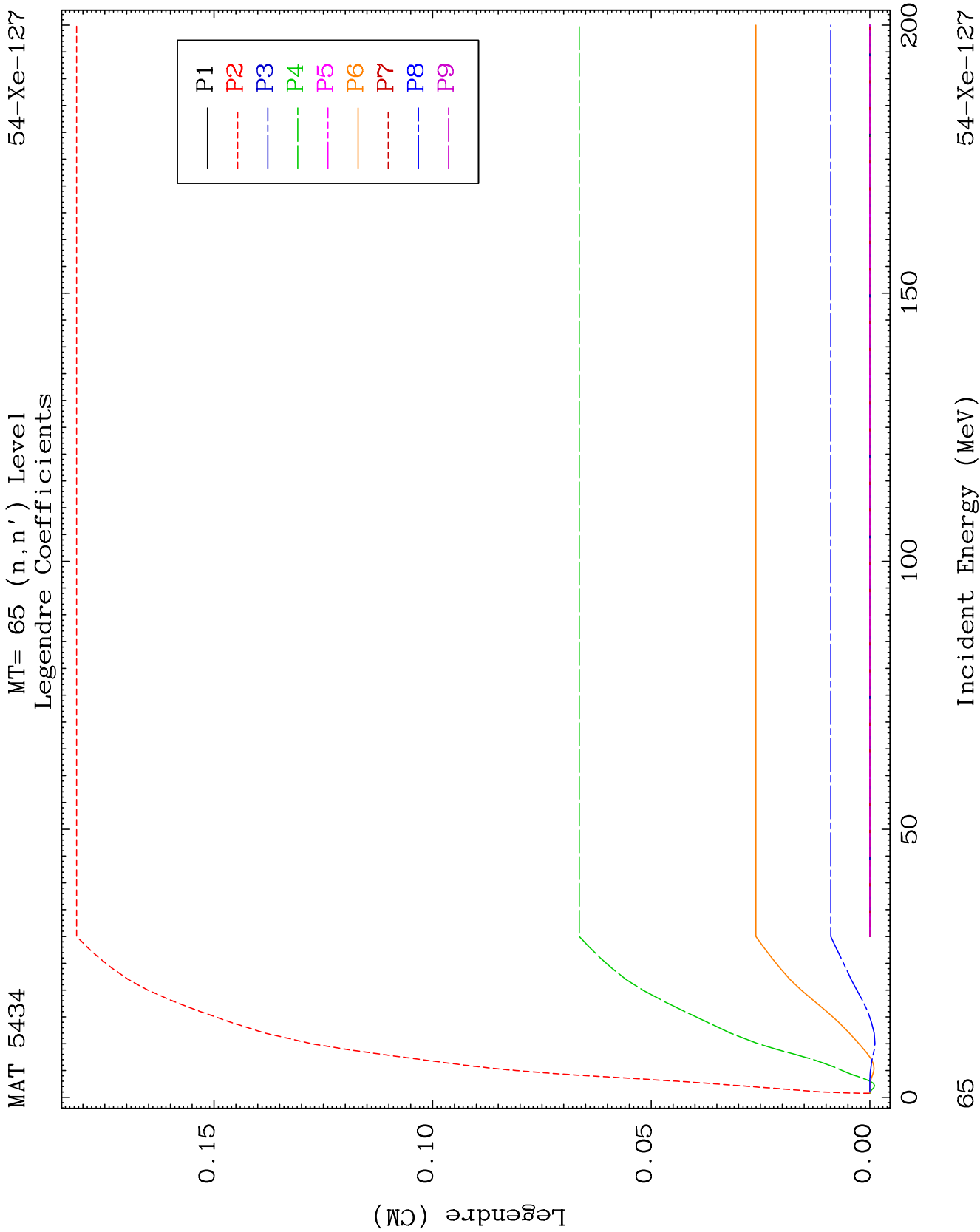
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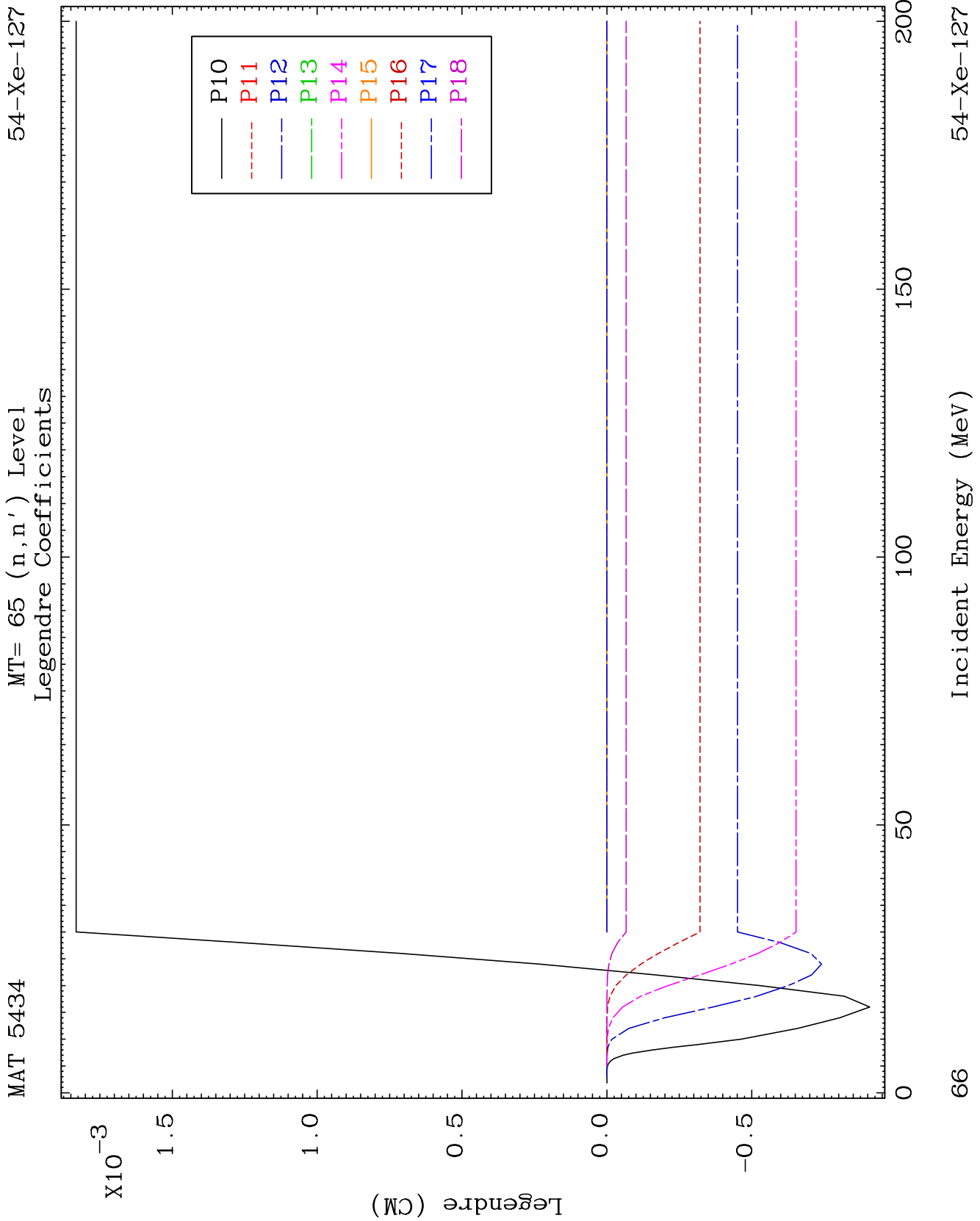


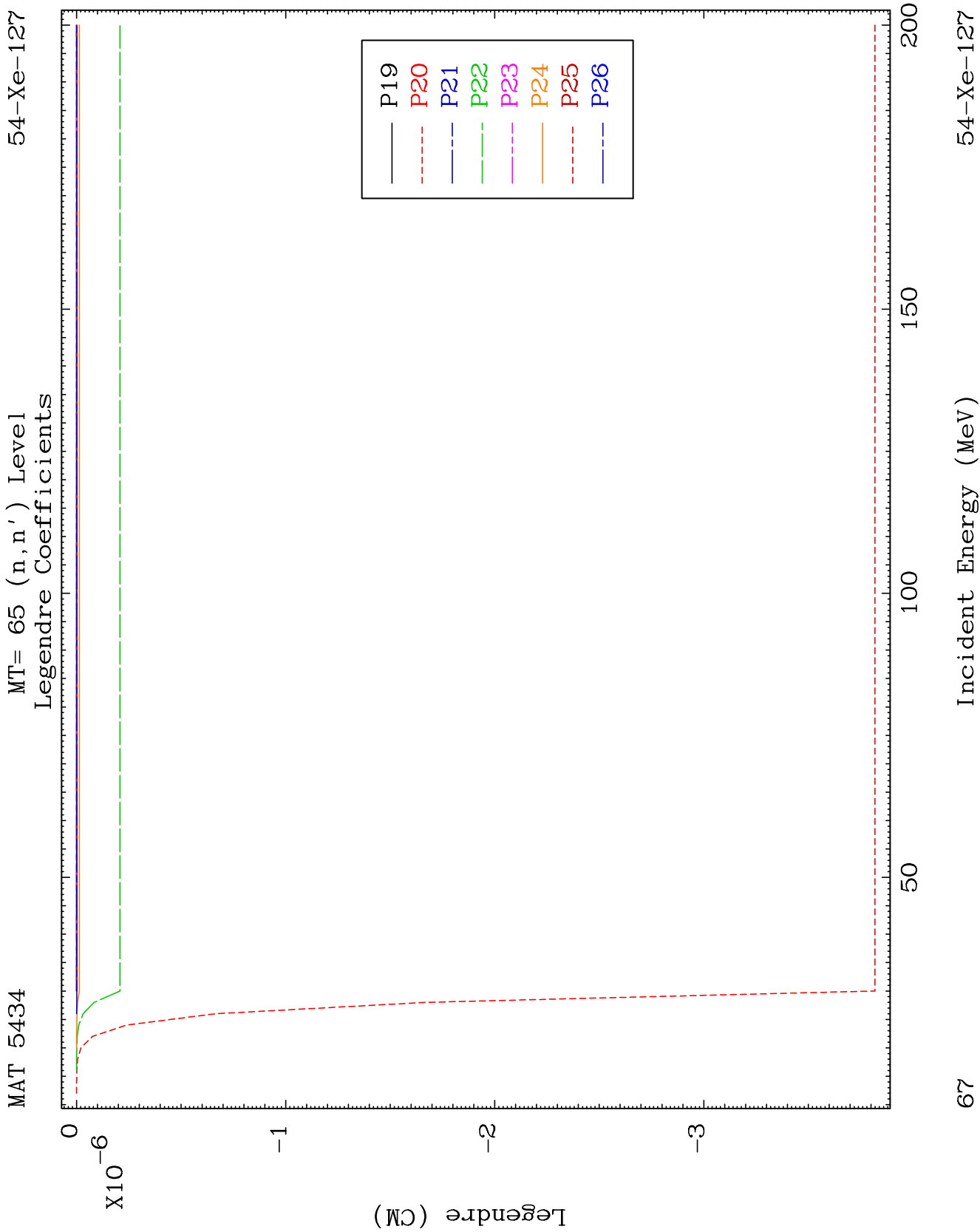








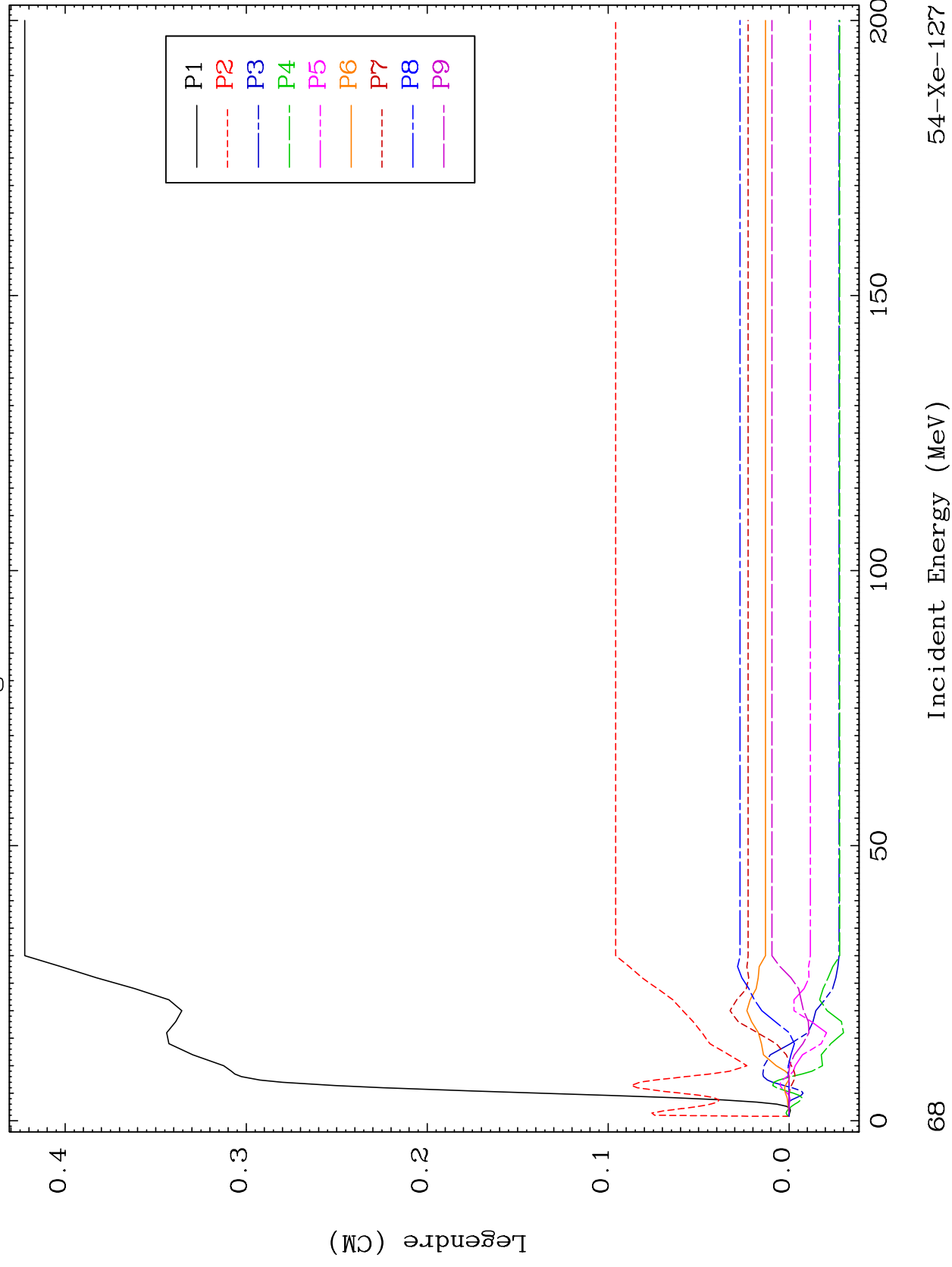


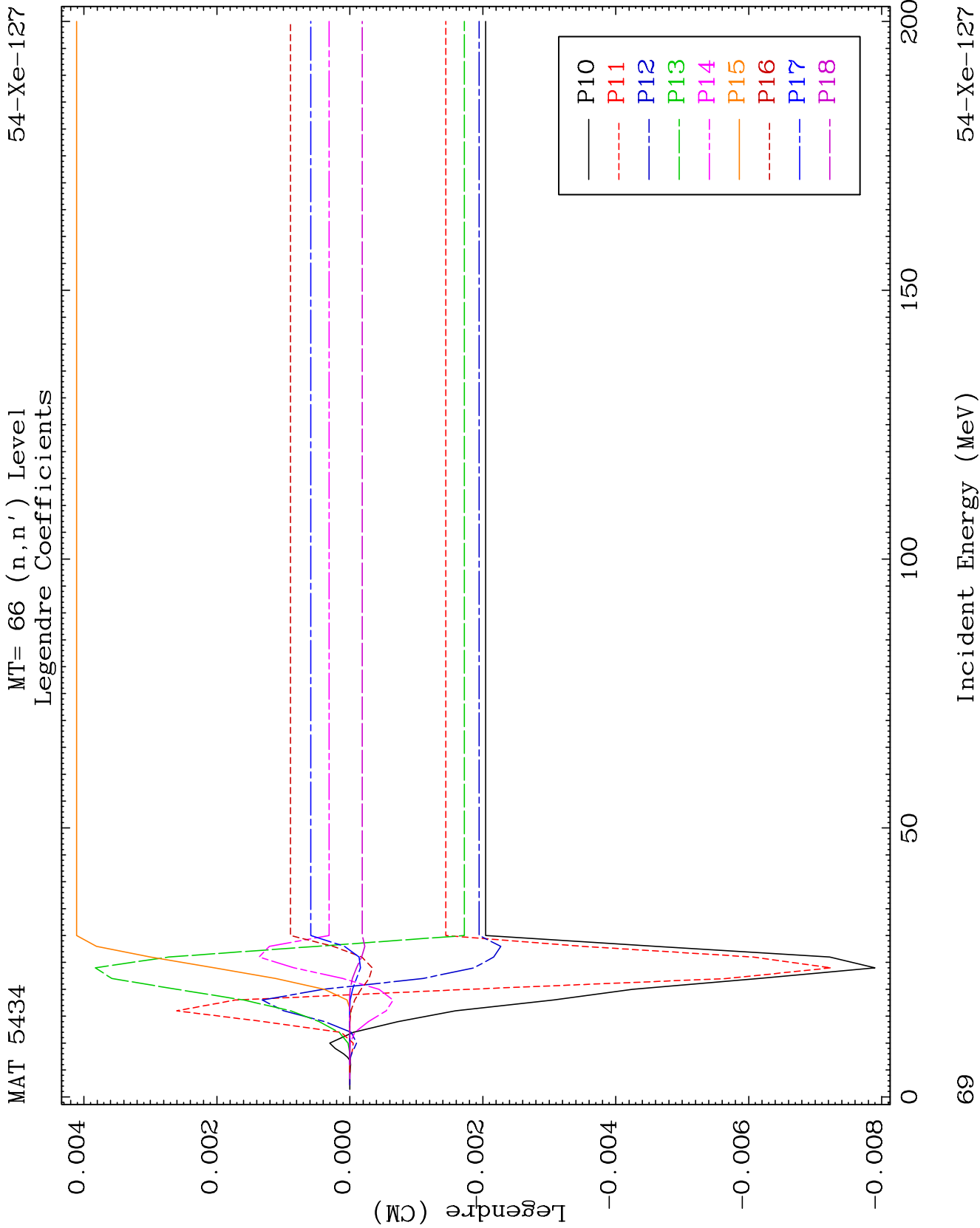


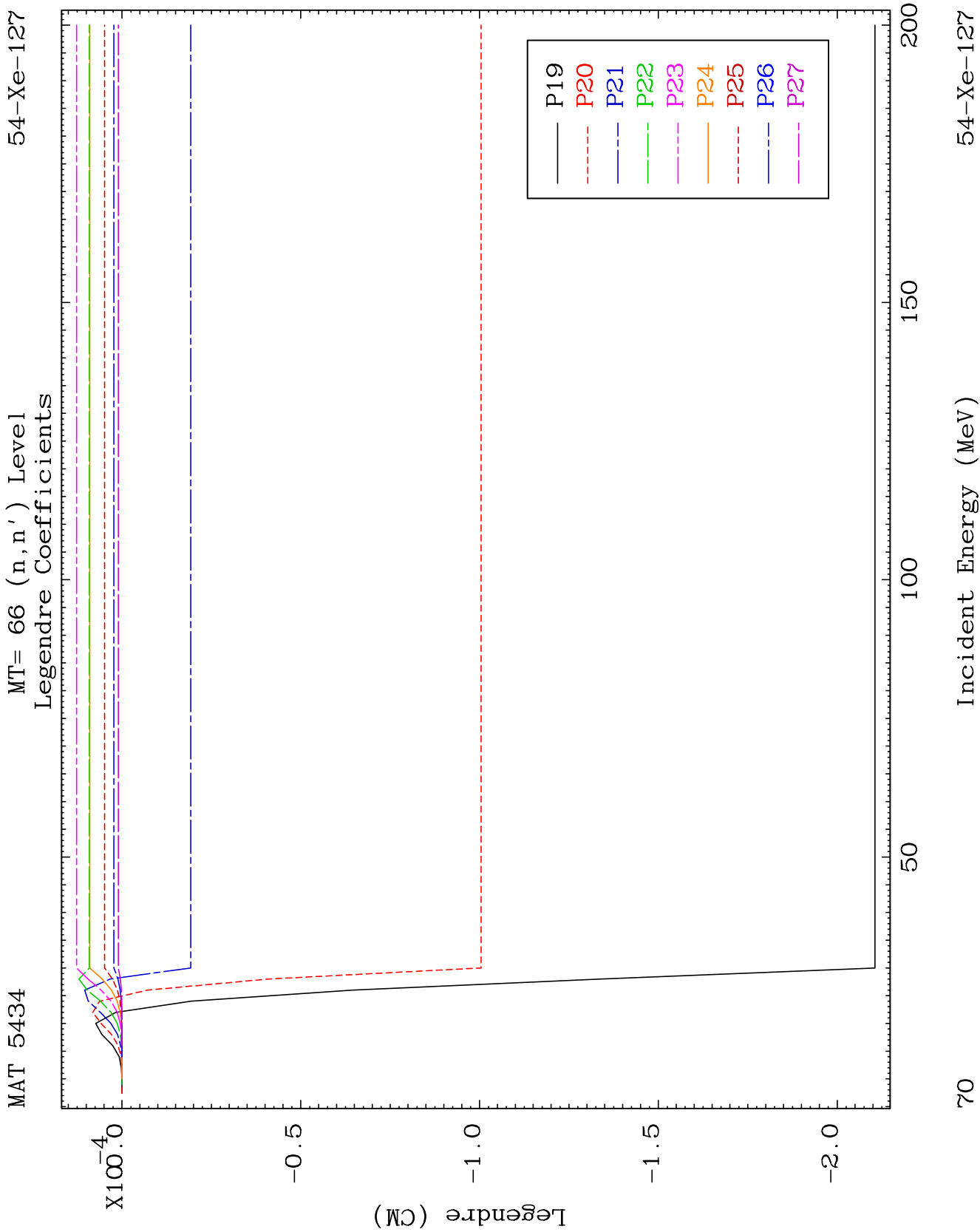
MAT 5434

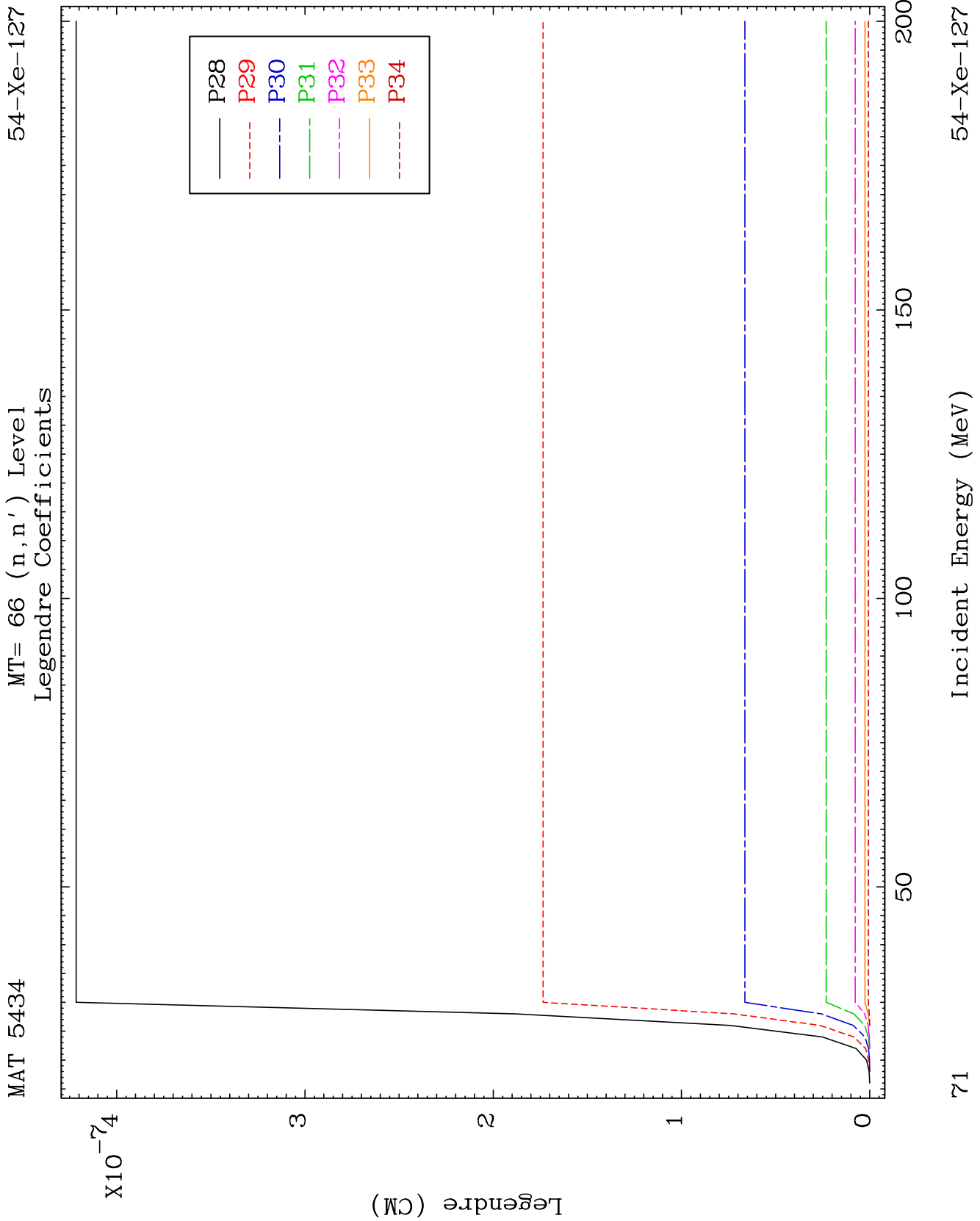
MT= 66 (n, n') Level
Legendre Coefficients

54-Xe-127





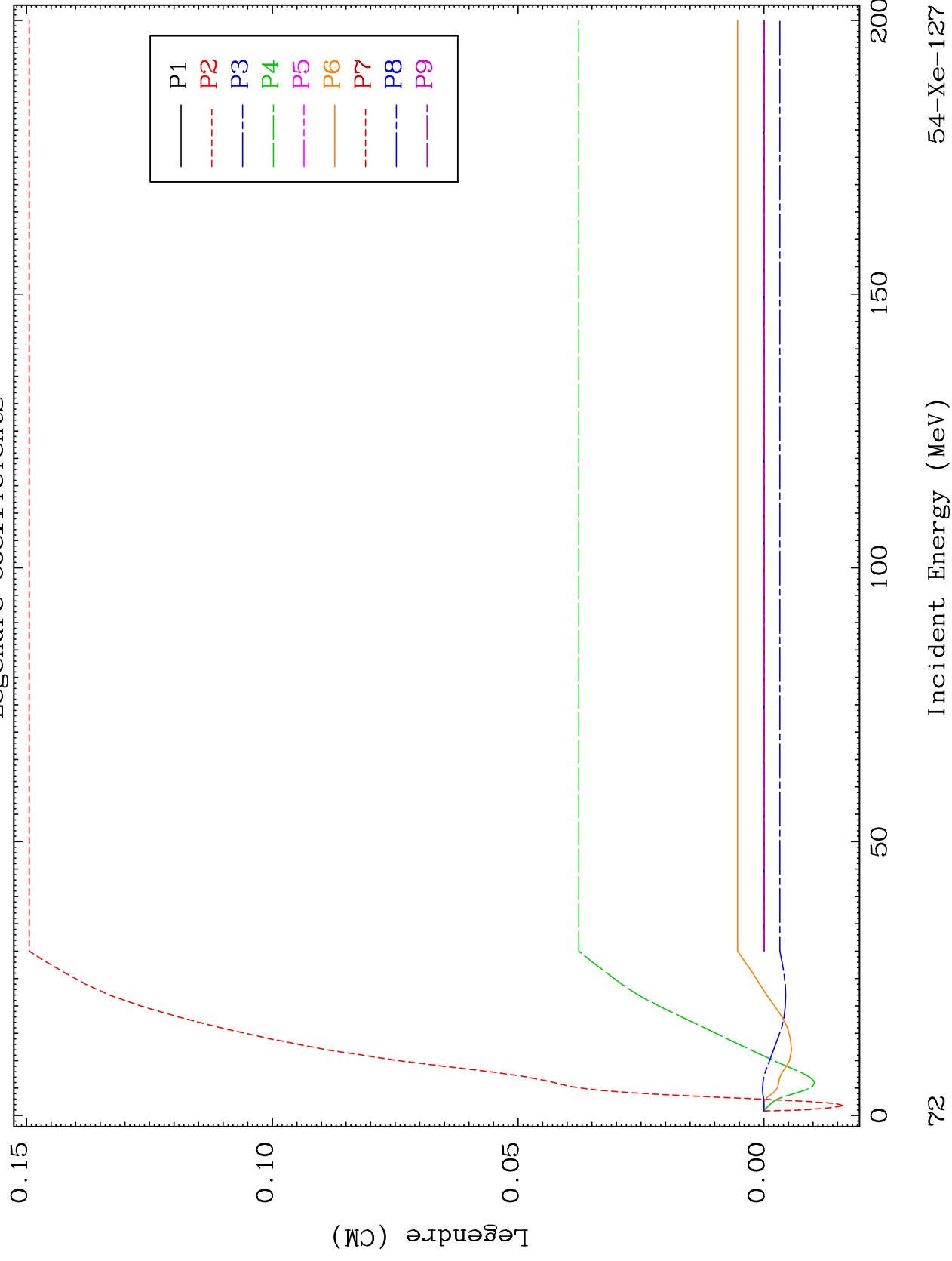


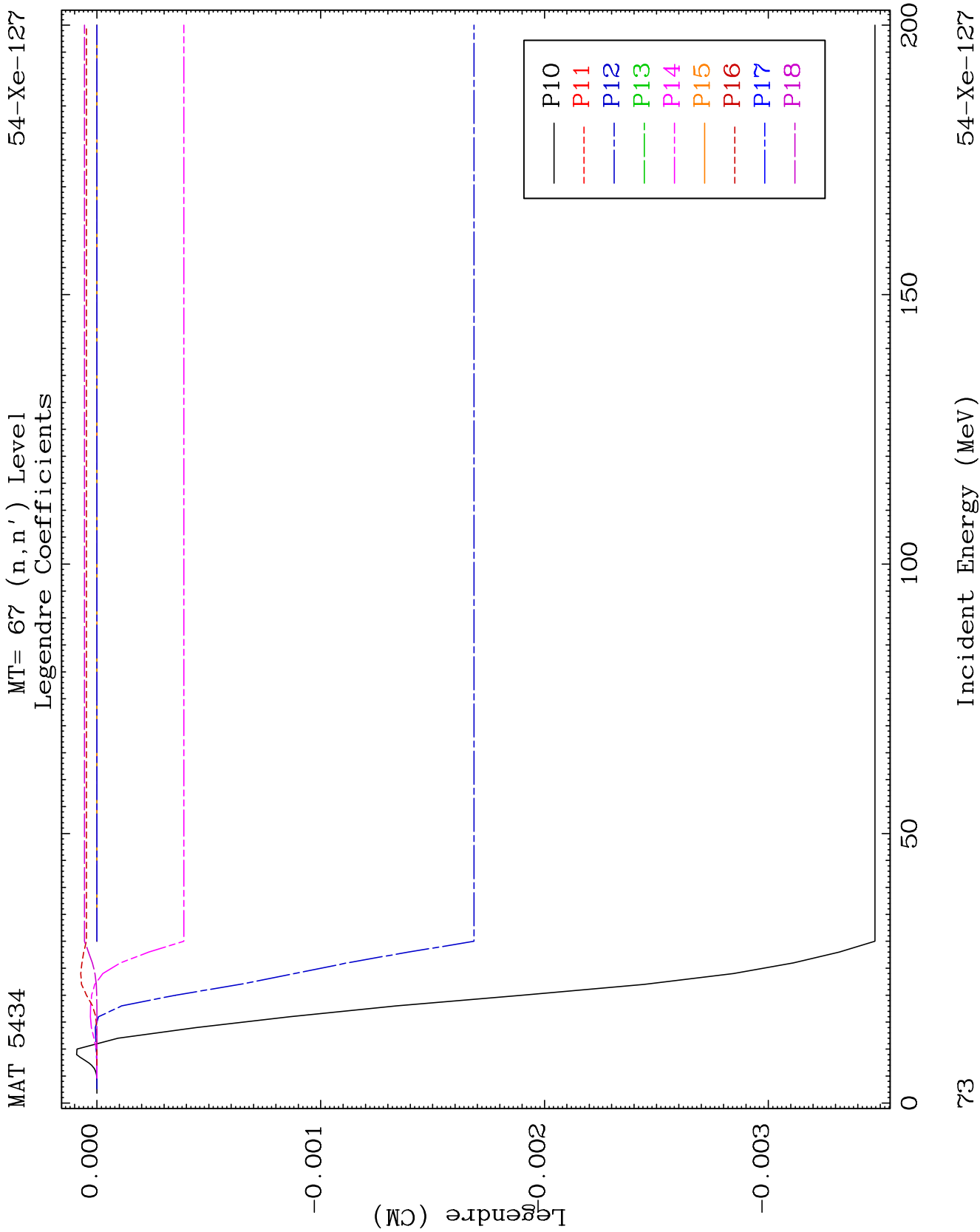


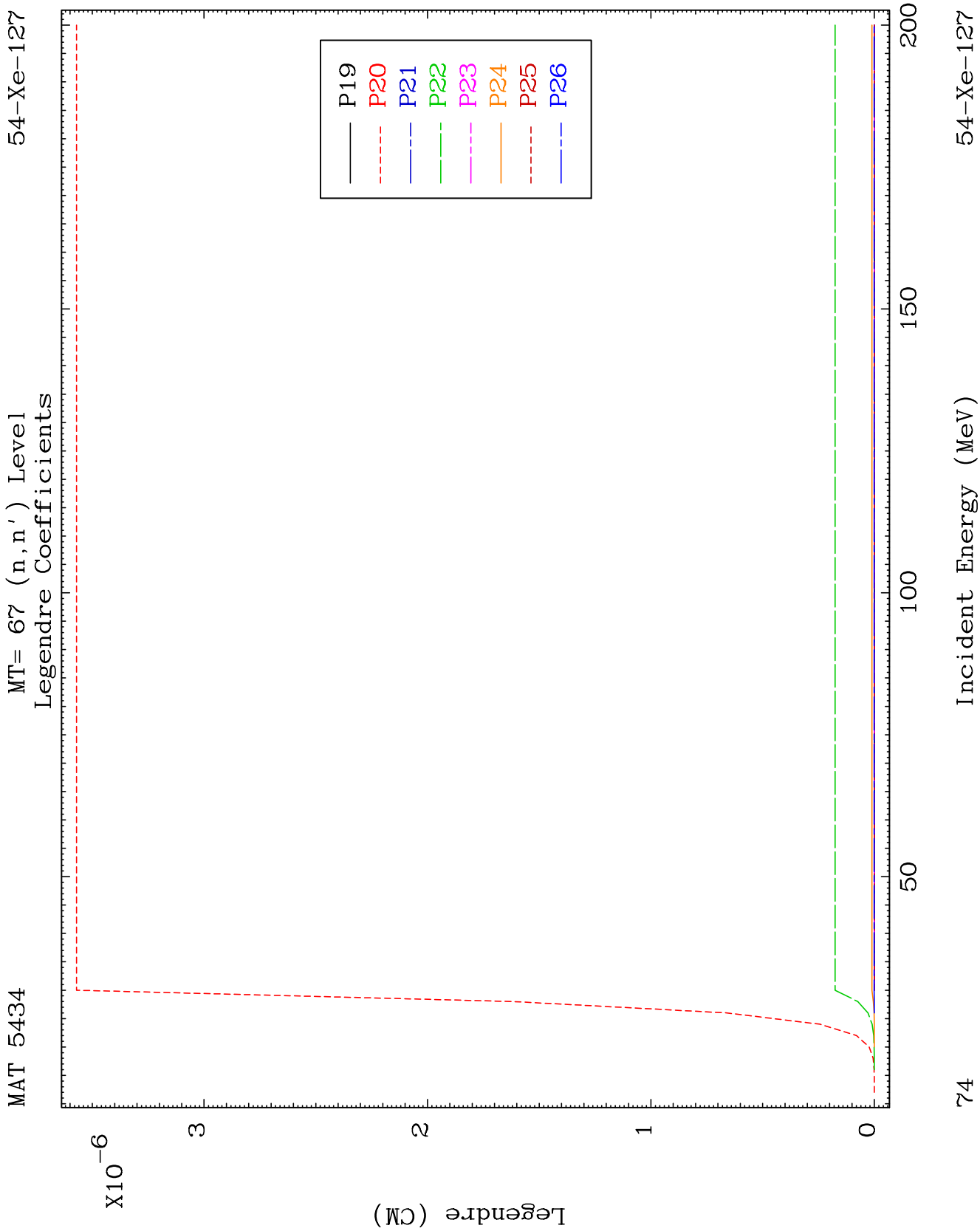
MAT 5434

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

54-Xe-127



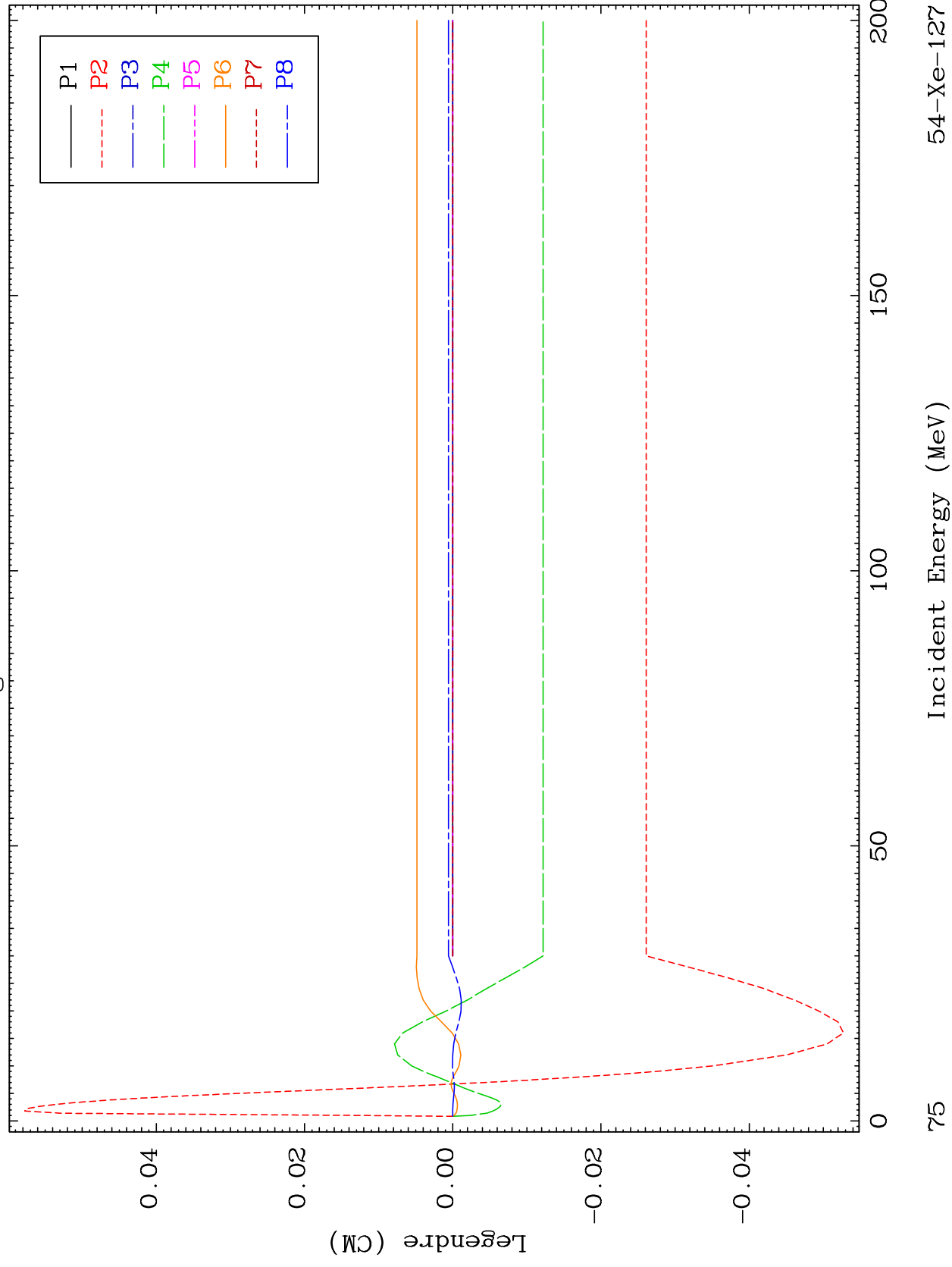


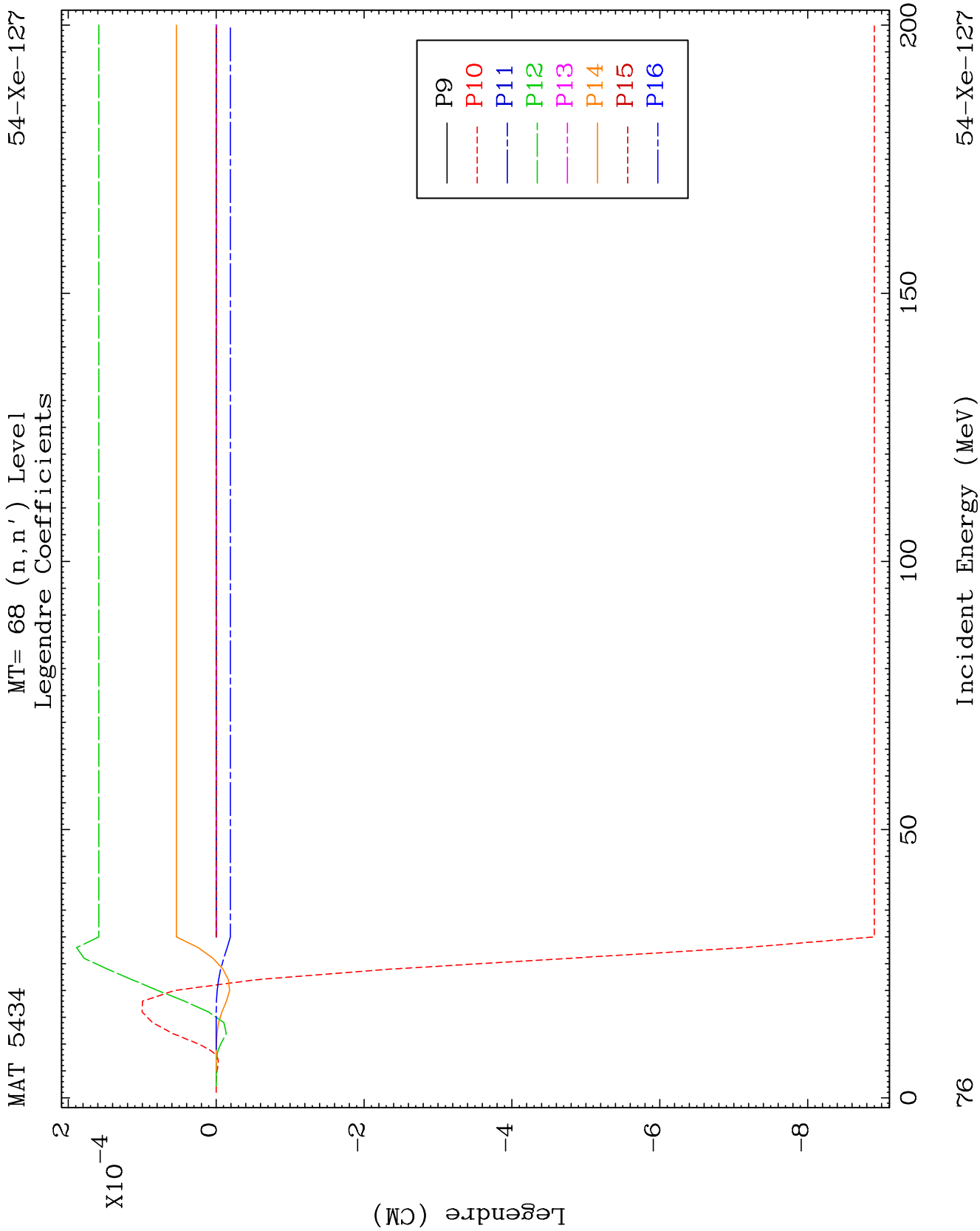


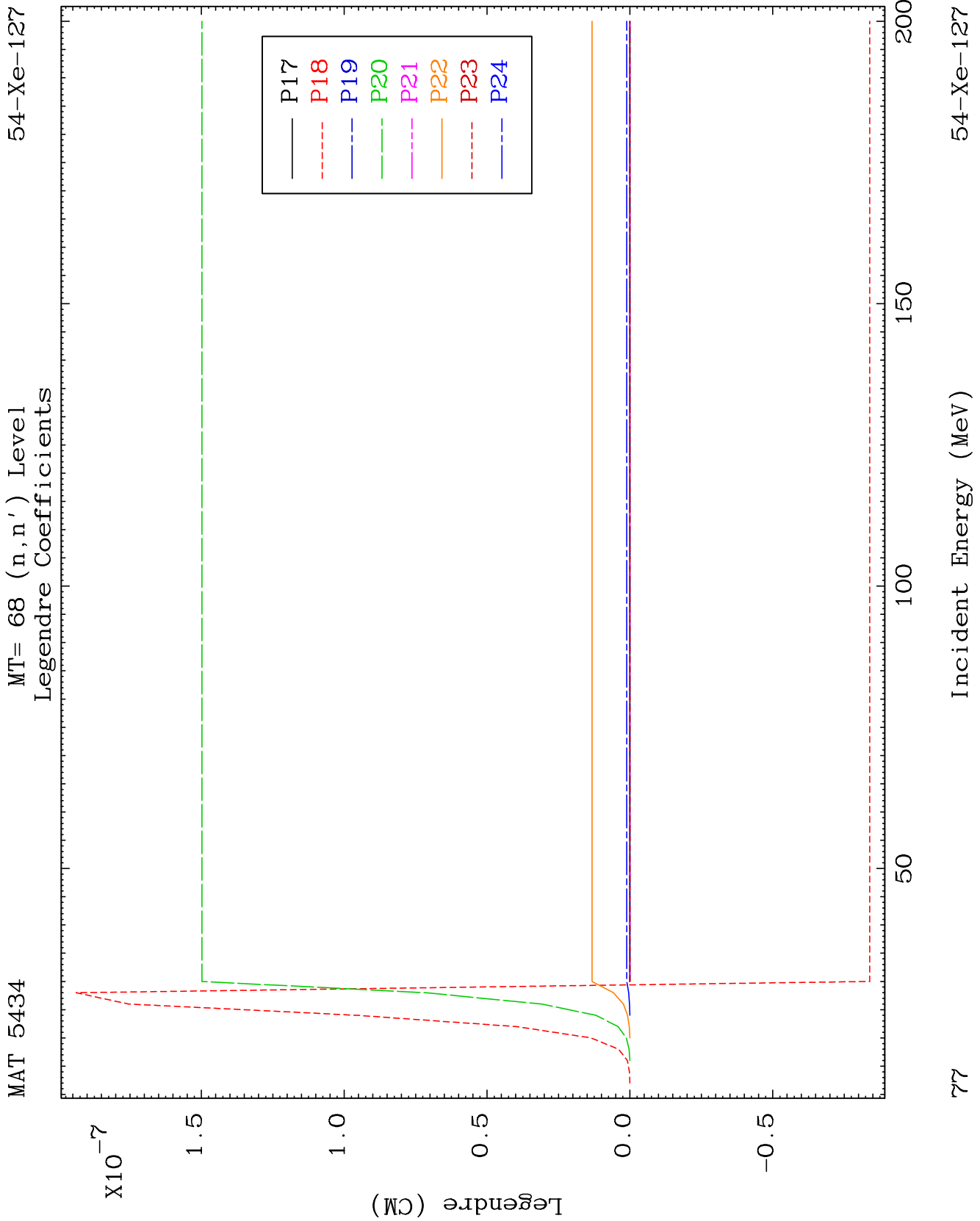
MAT 5434

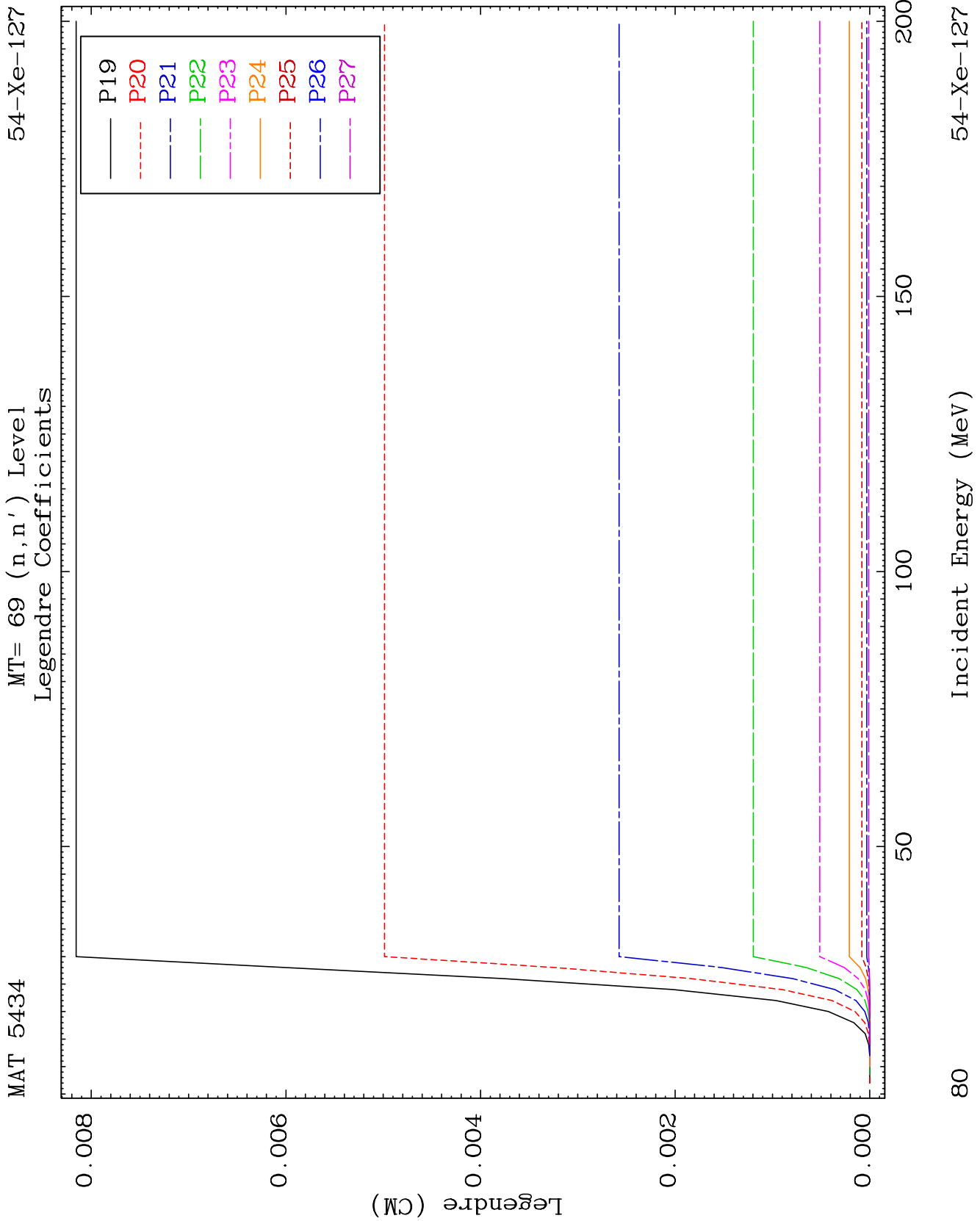
MT= 68 (n, n') Level
Legendre Coefficients

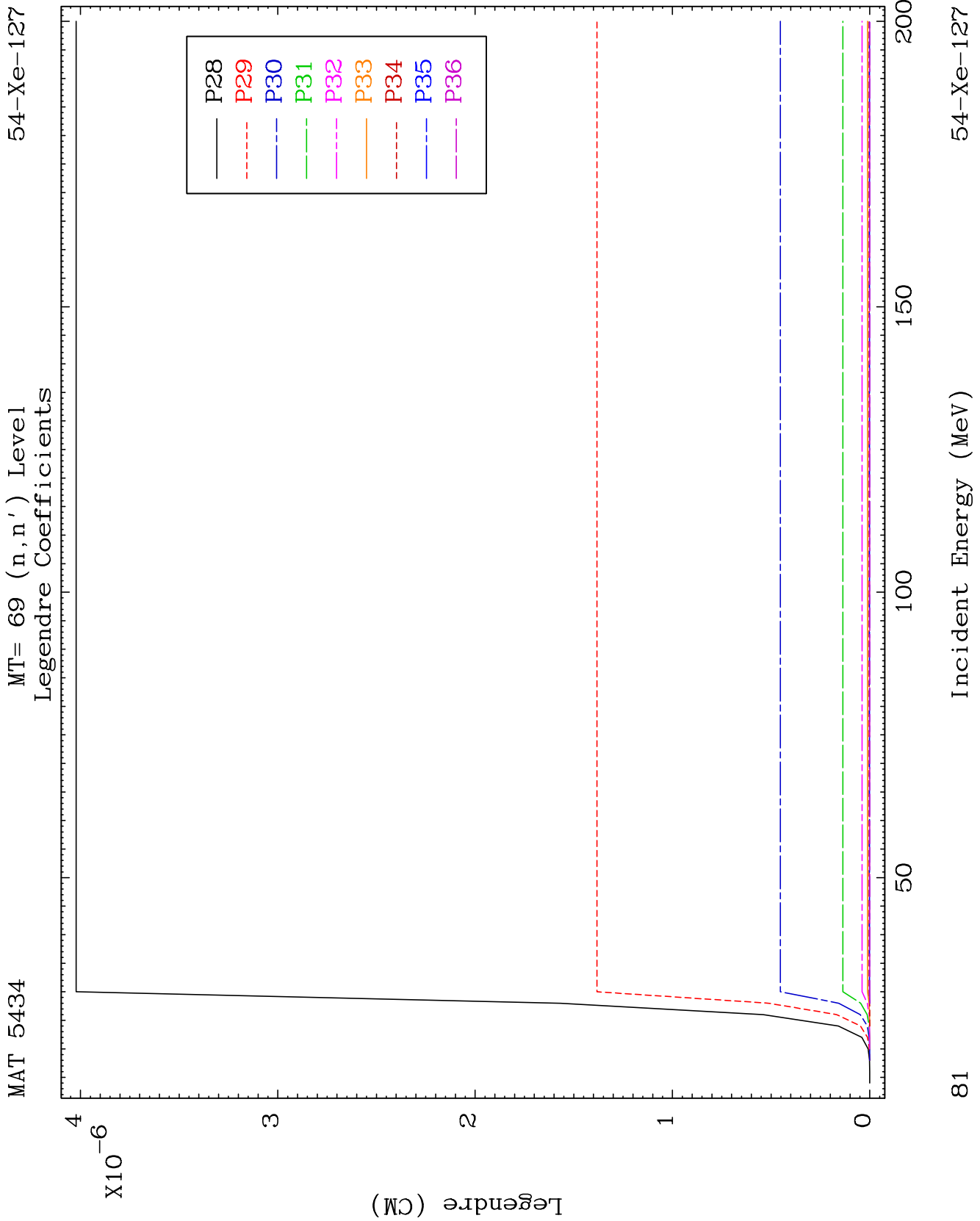
54-Xe-127

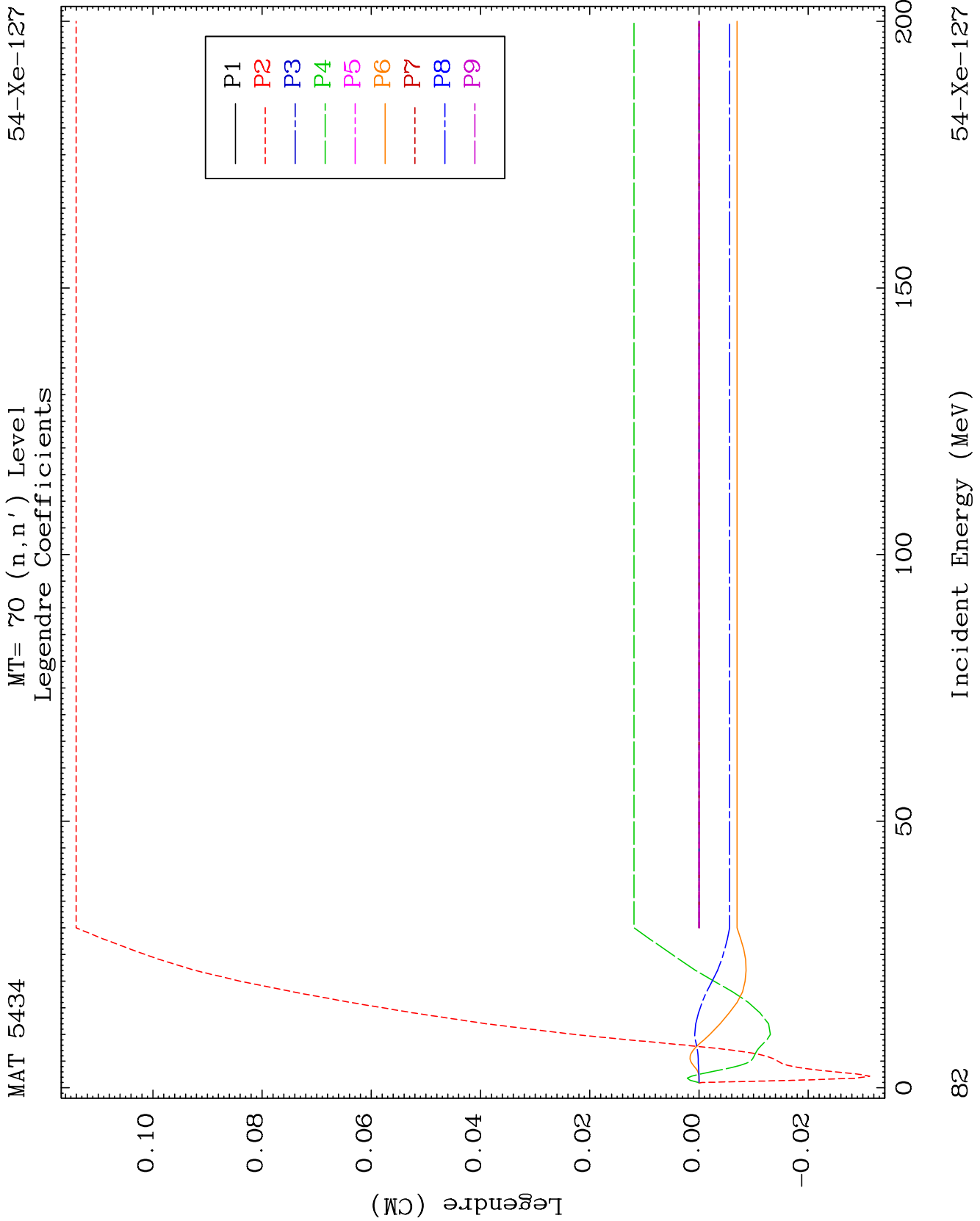


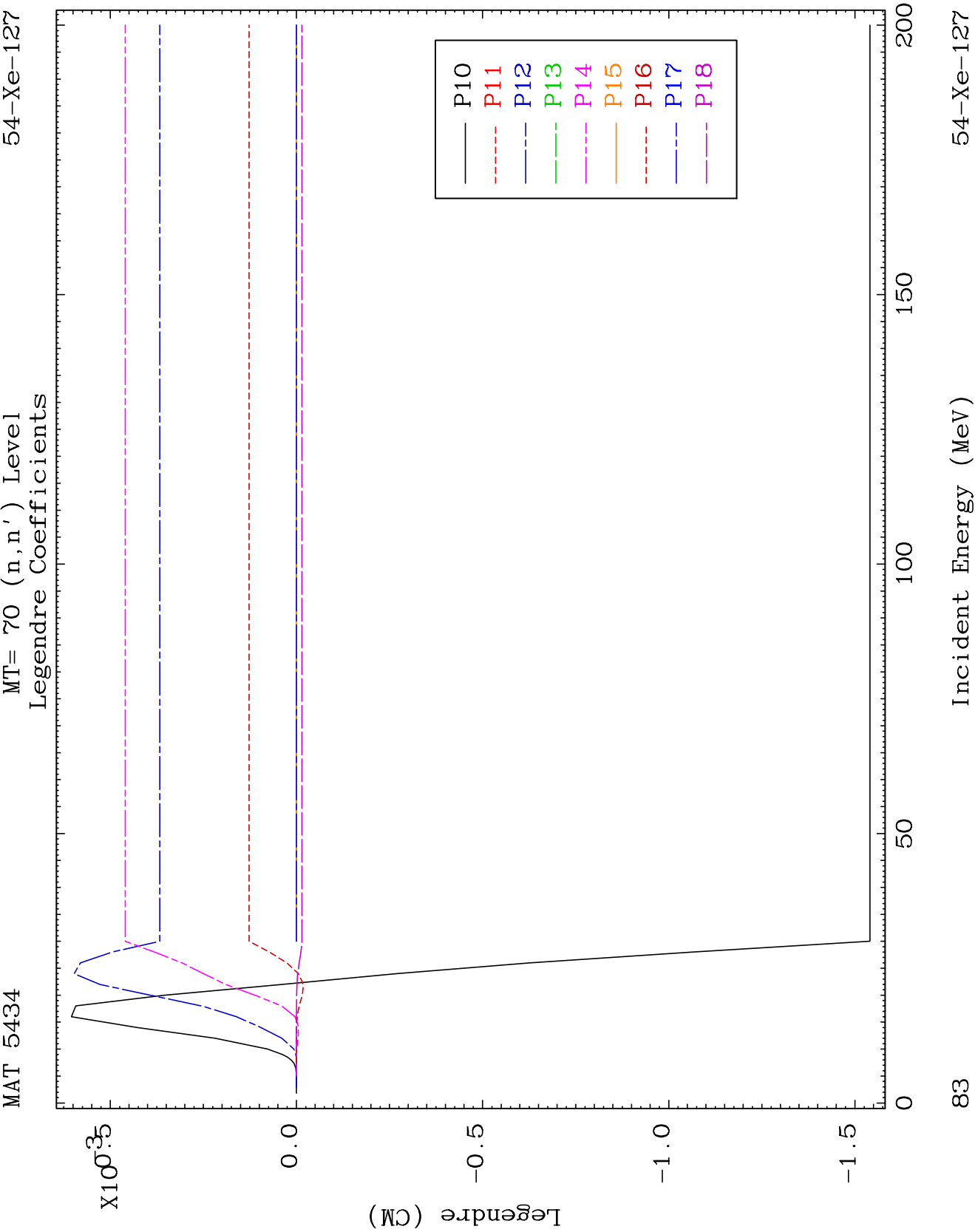


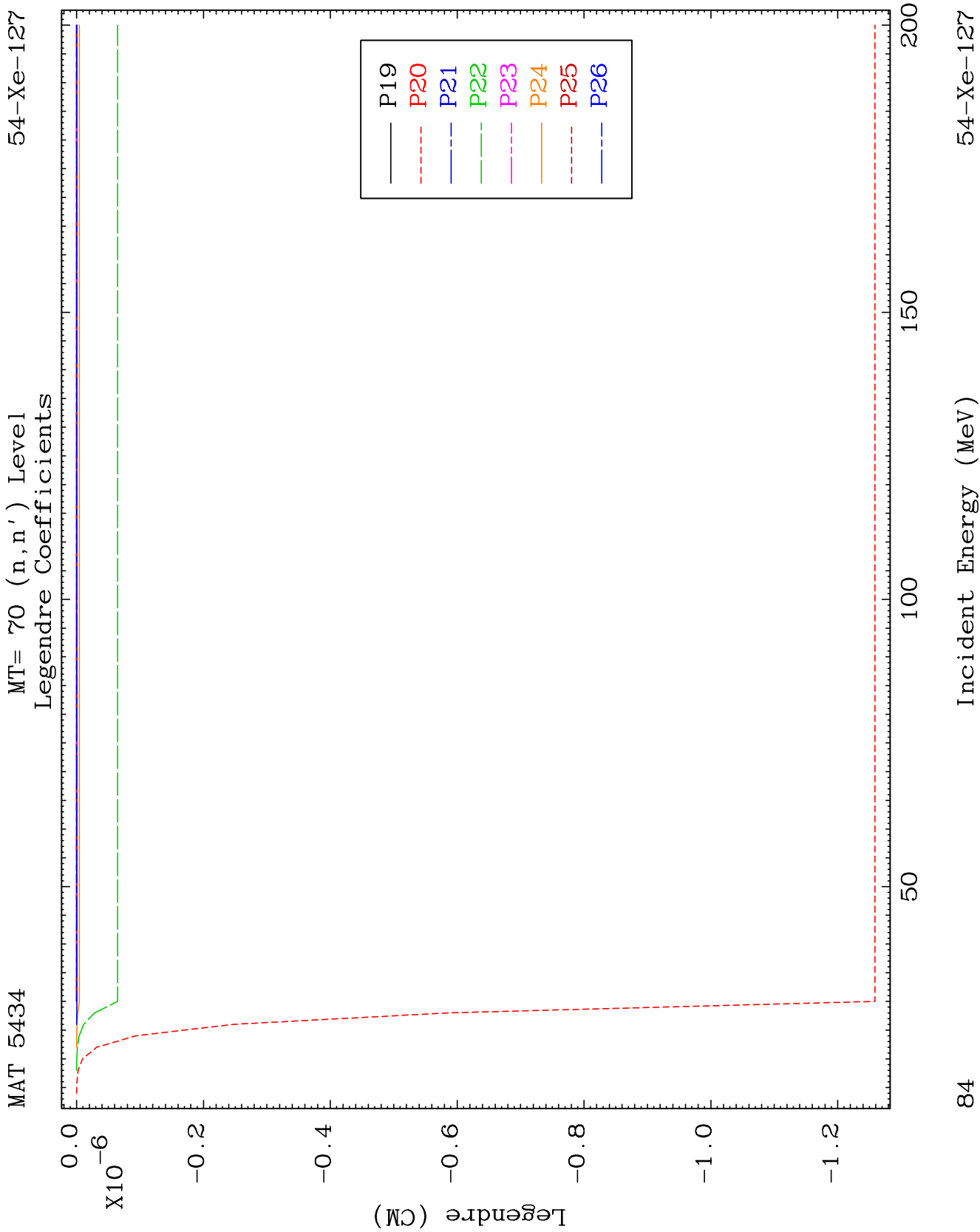


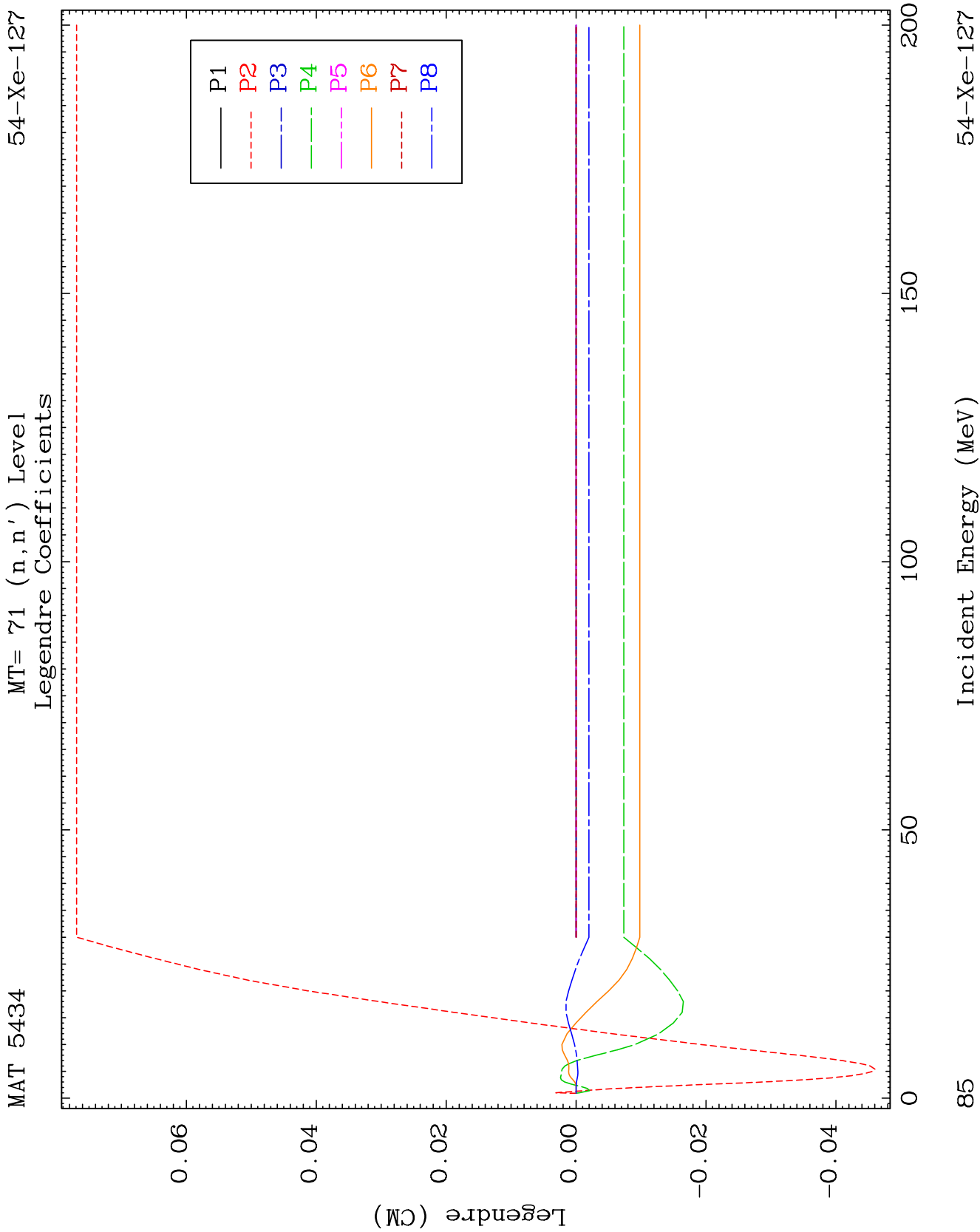


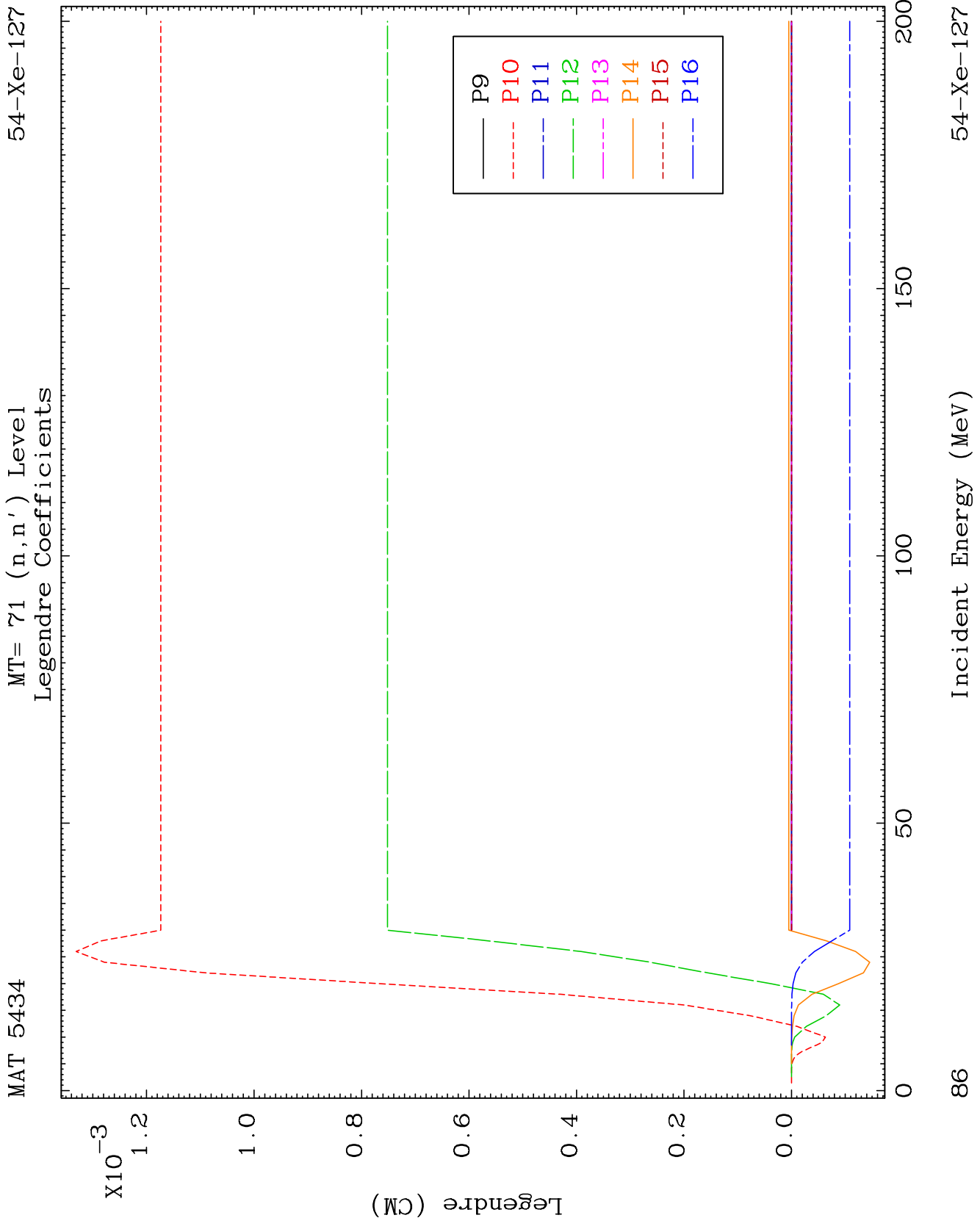


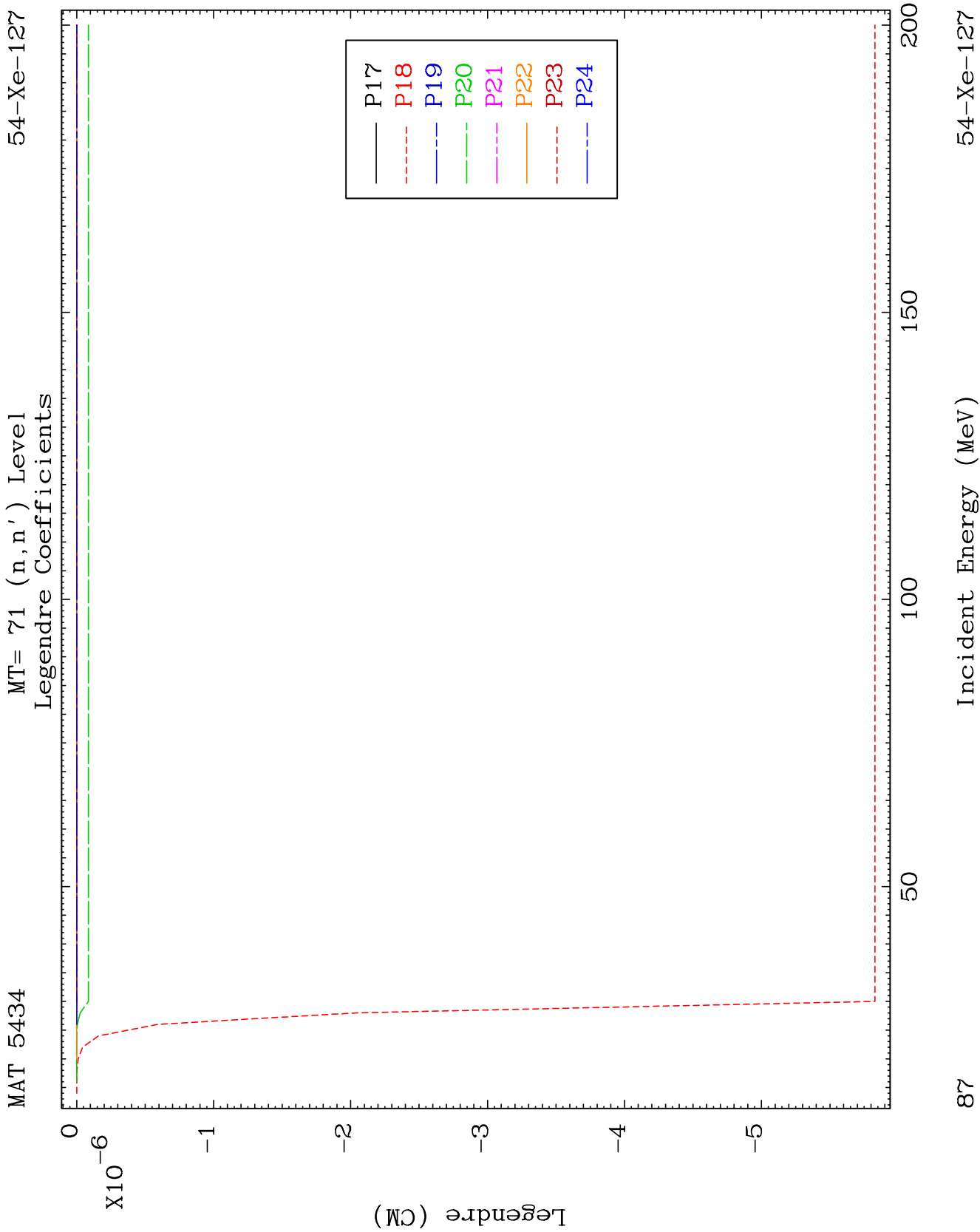








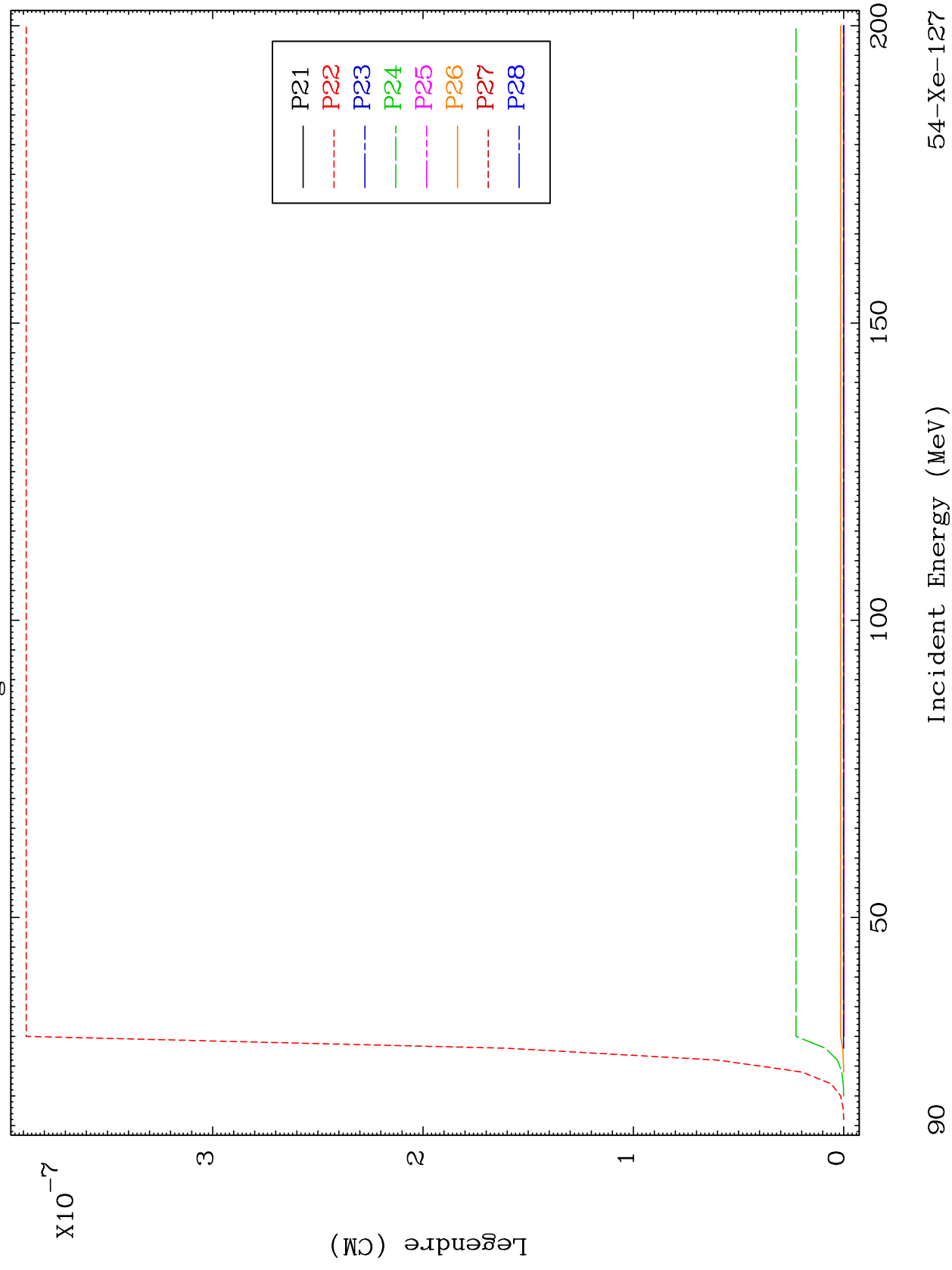


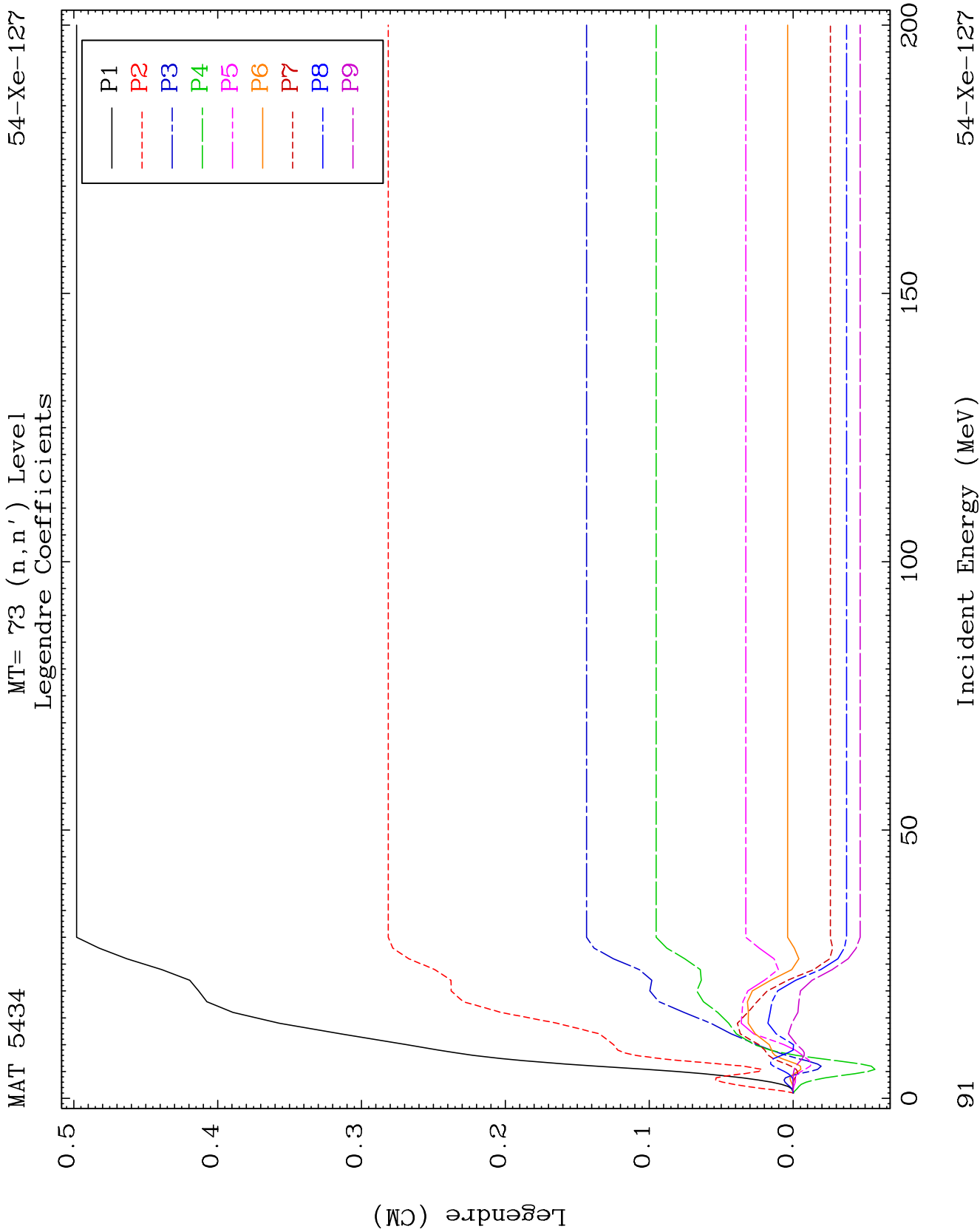


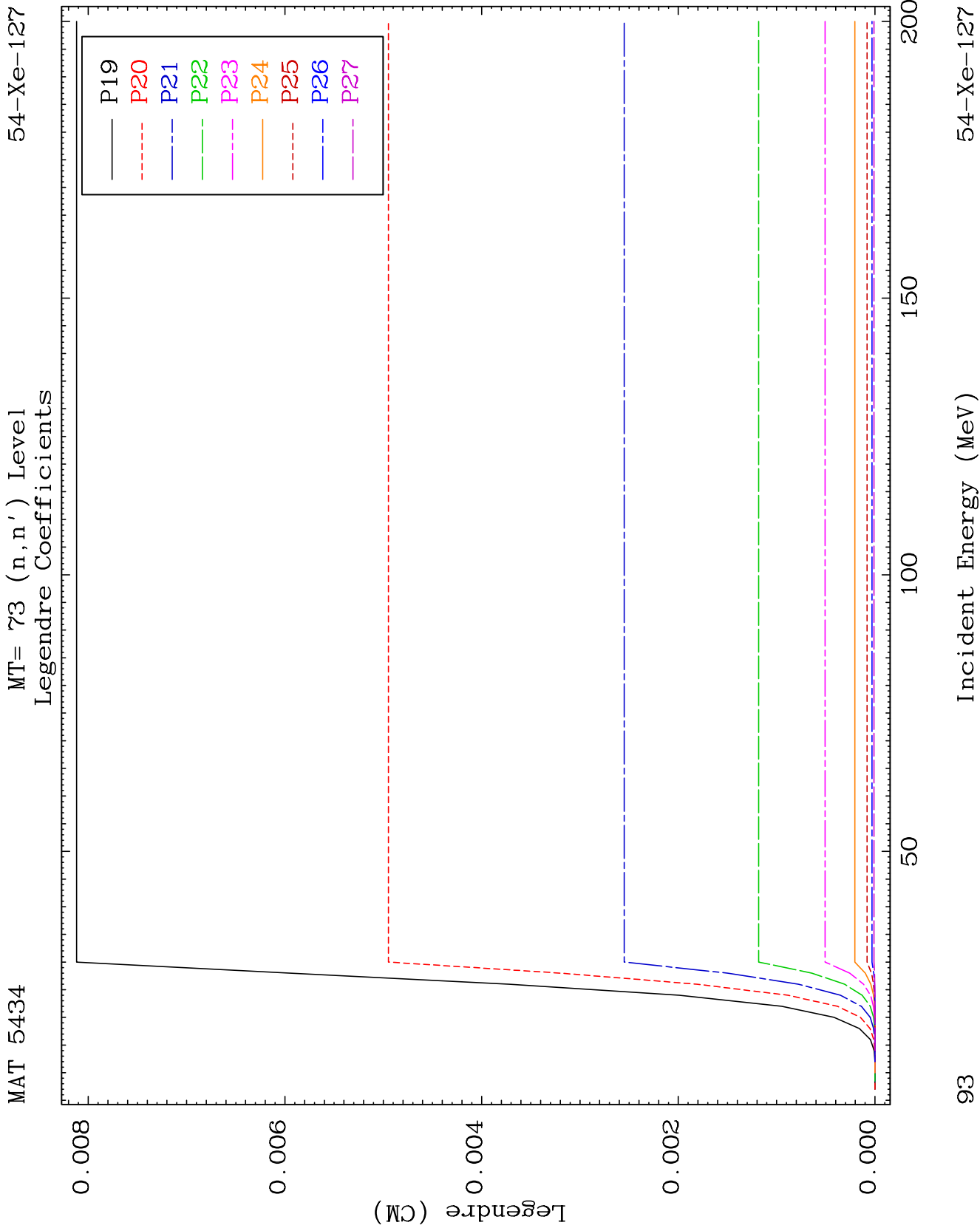
MAT 5434

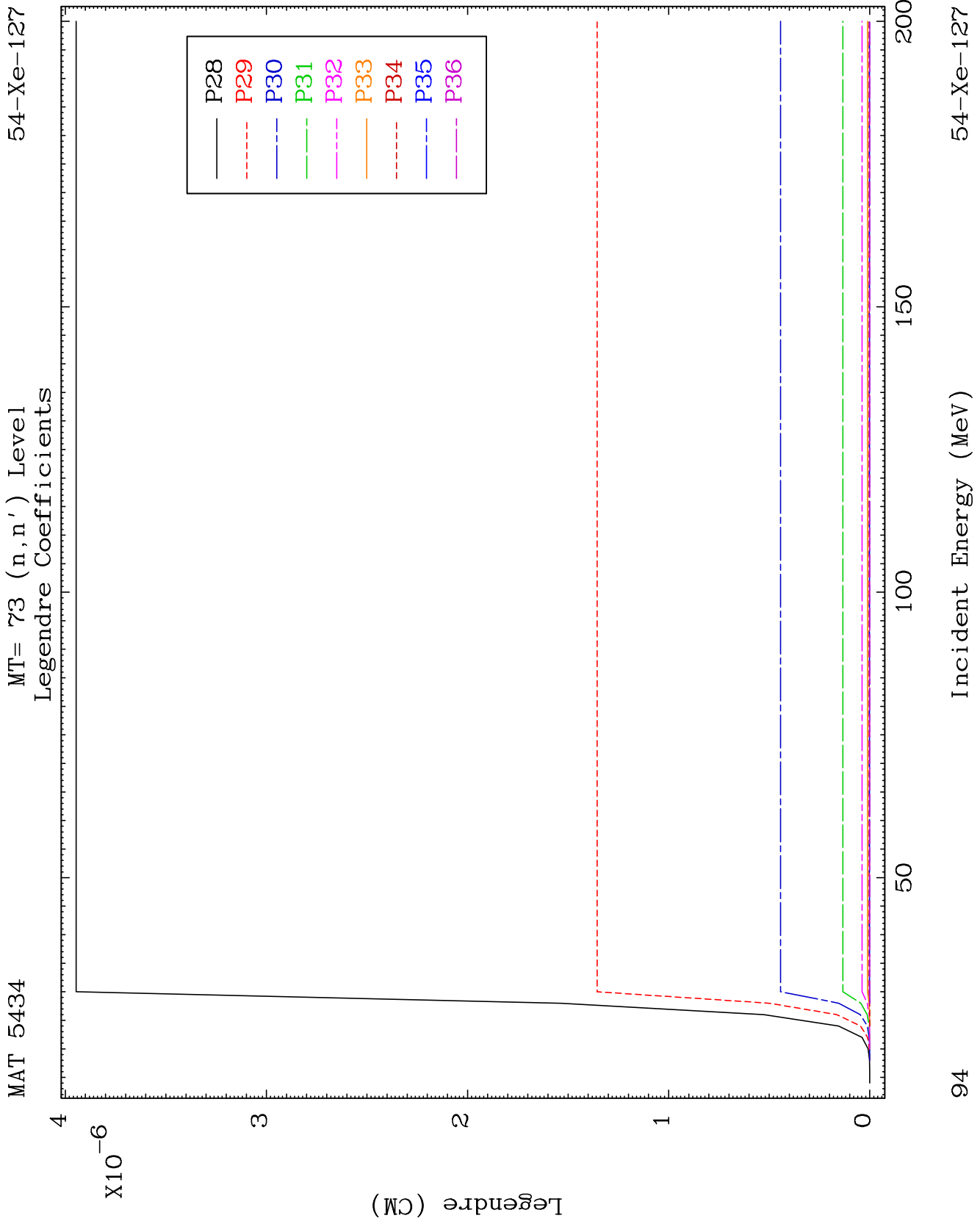
MT= 72 (n, n') Level
Legendre Coefficients

54-Xe-127





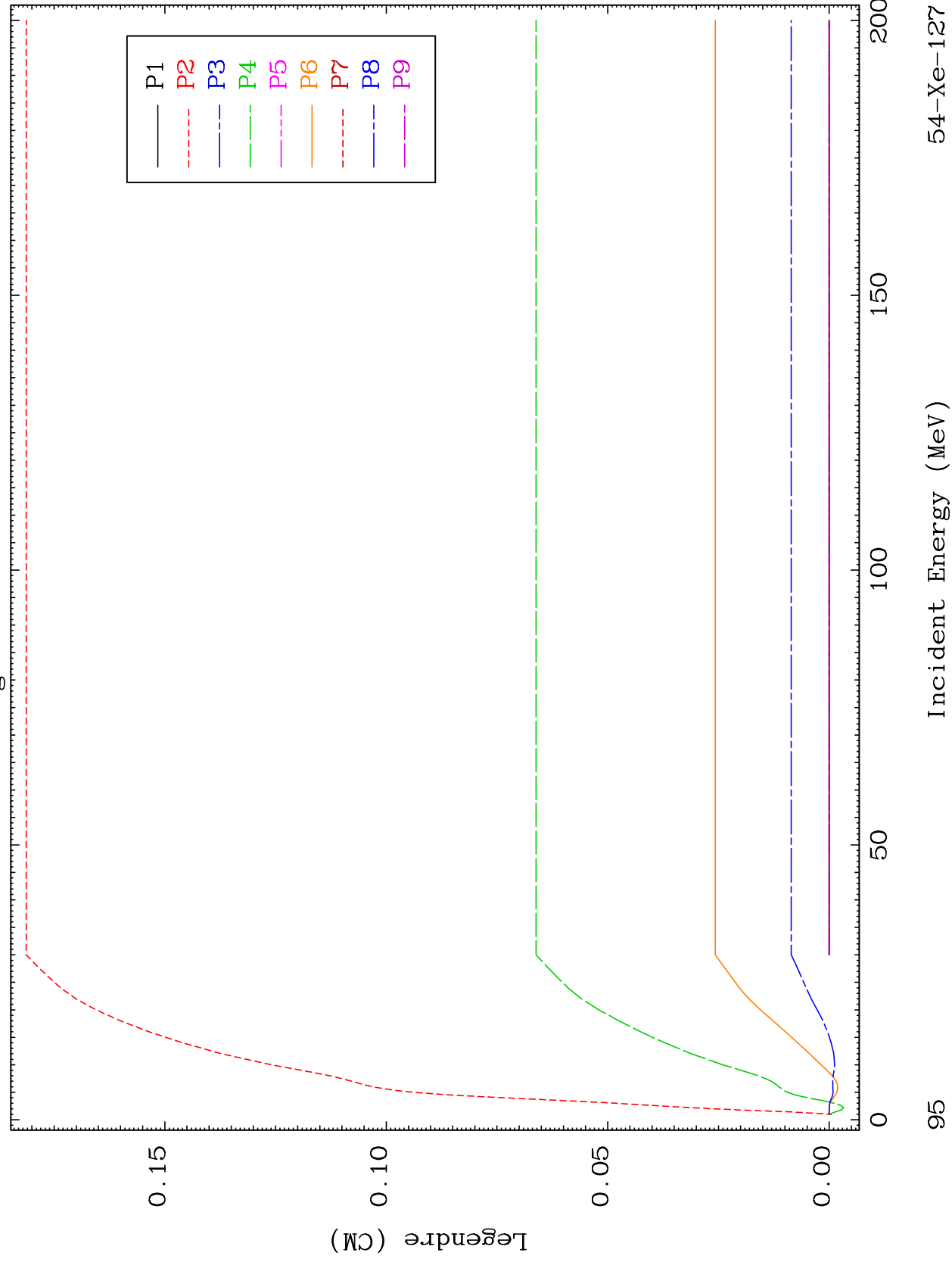


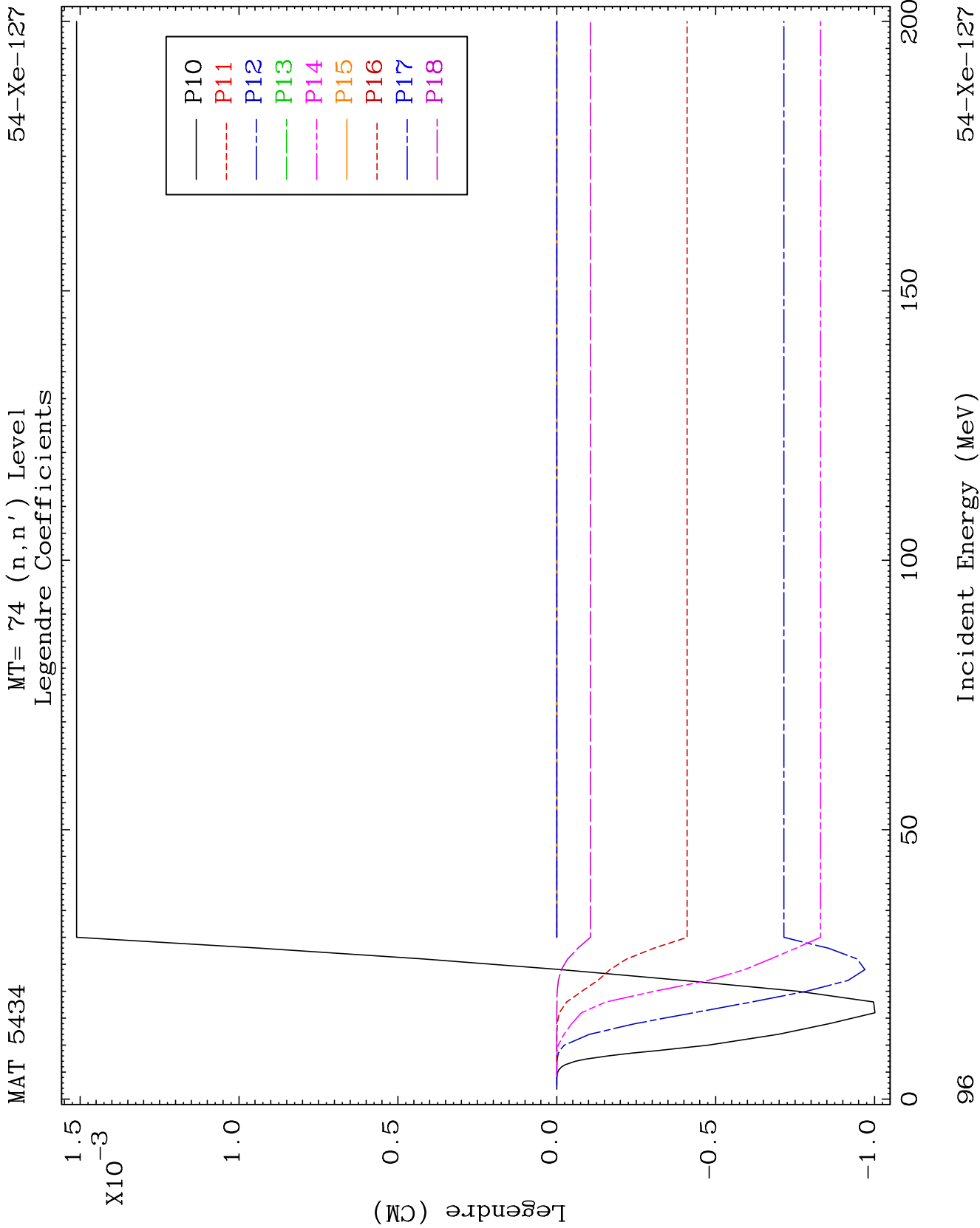


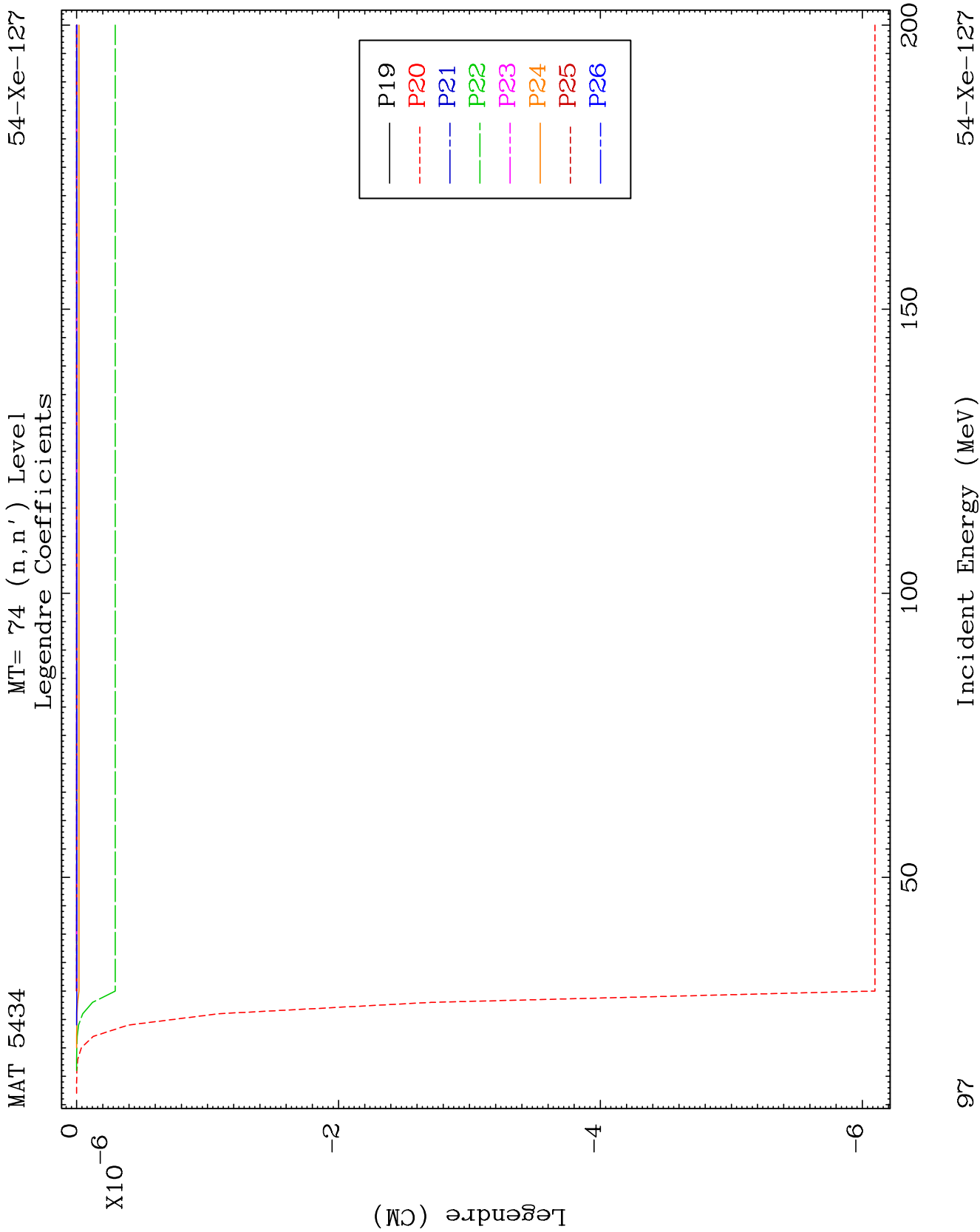
MAT 5434

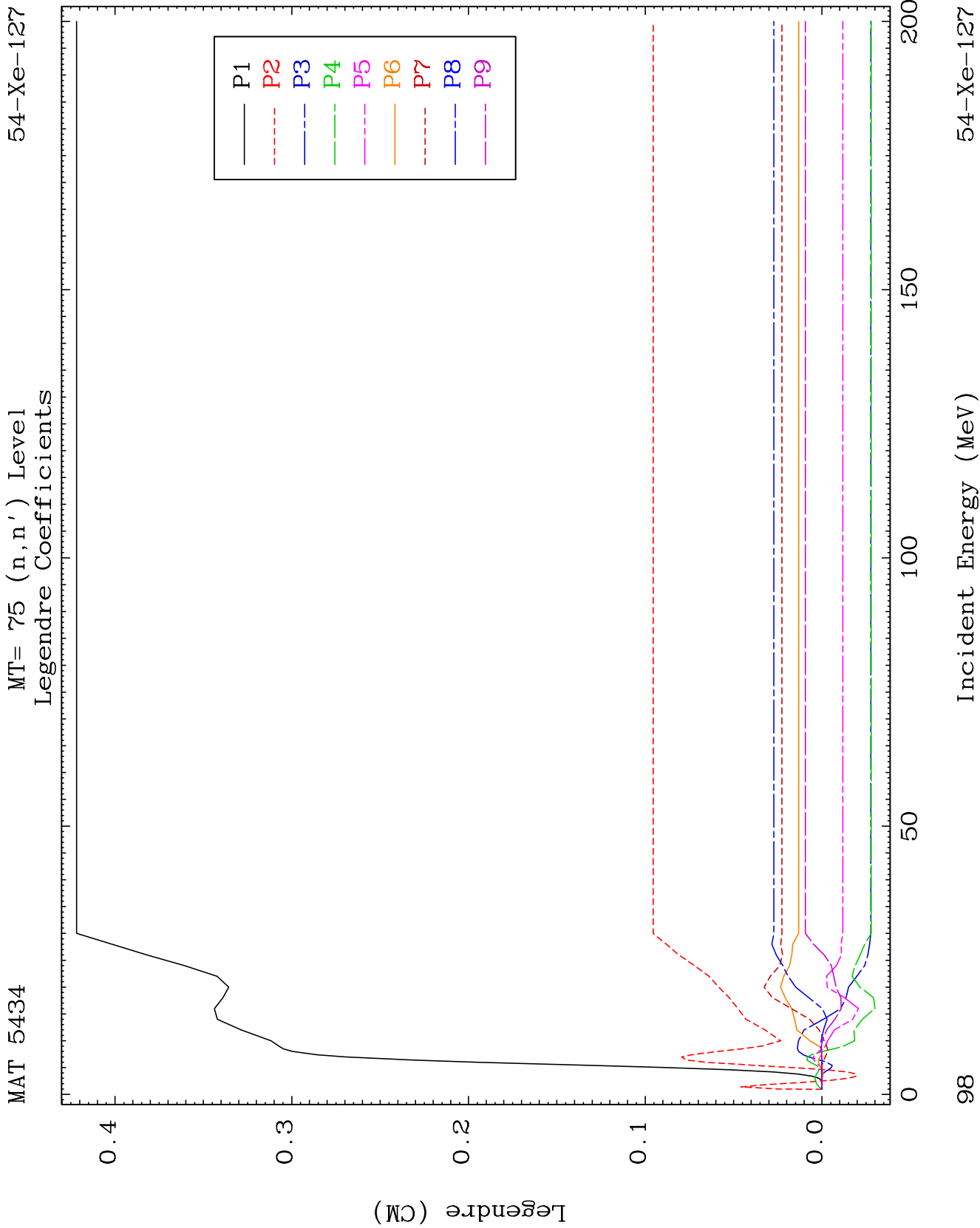
MT= 74 (n, n') Level
Legendre Coefficients

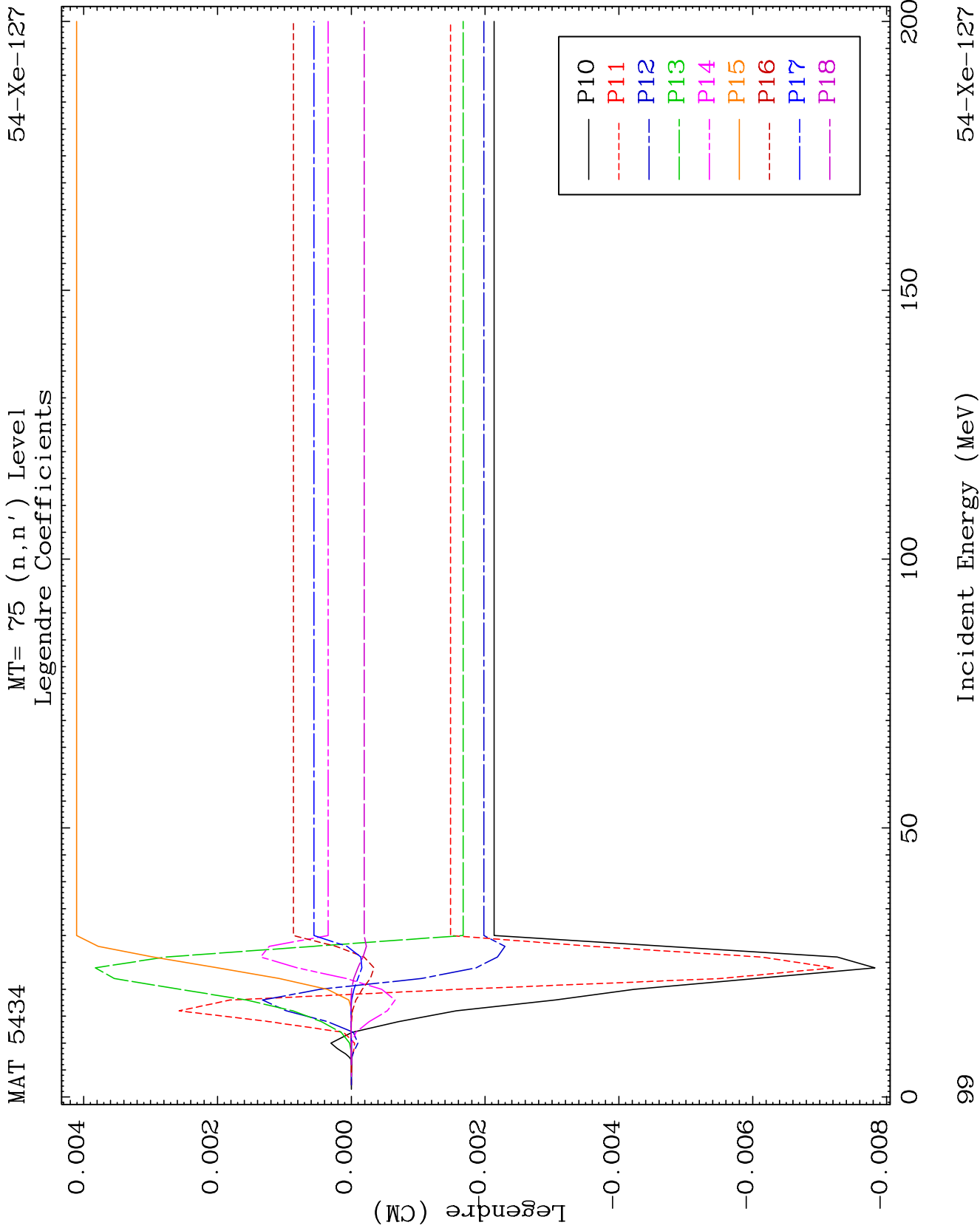
54-Xe-127

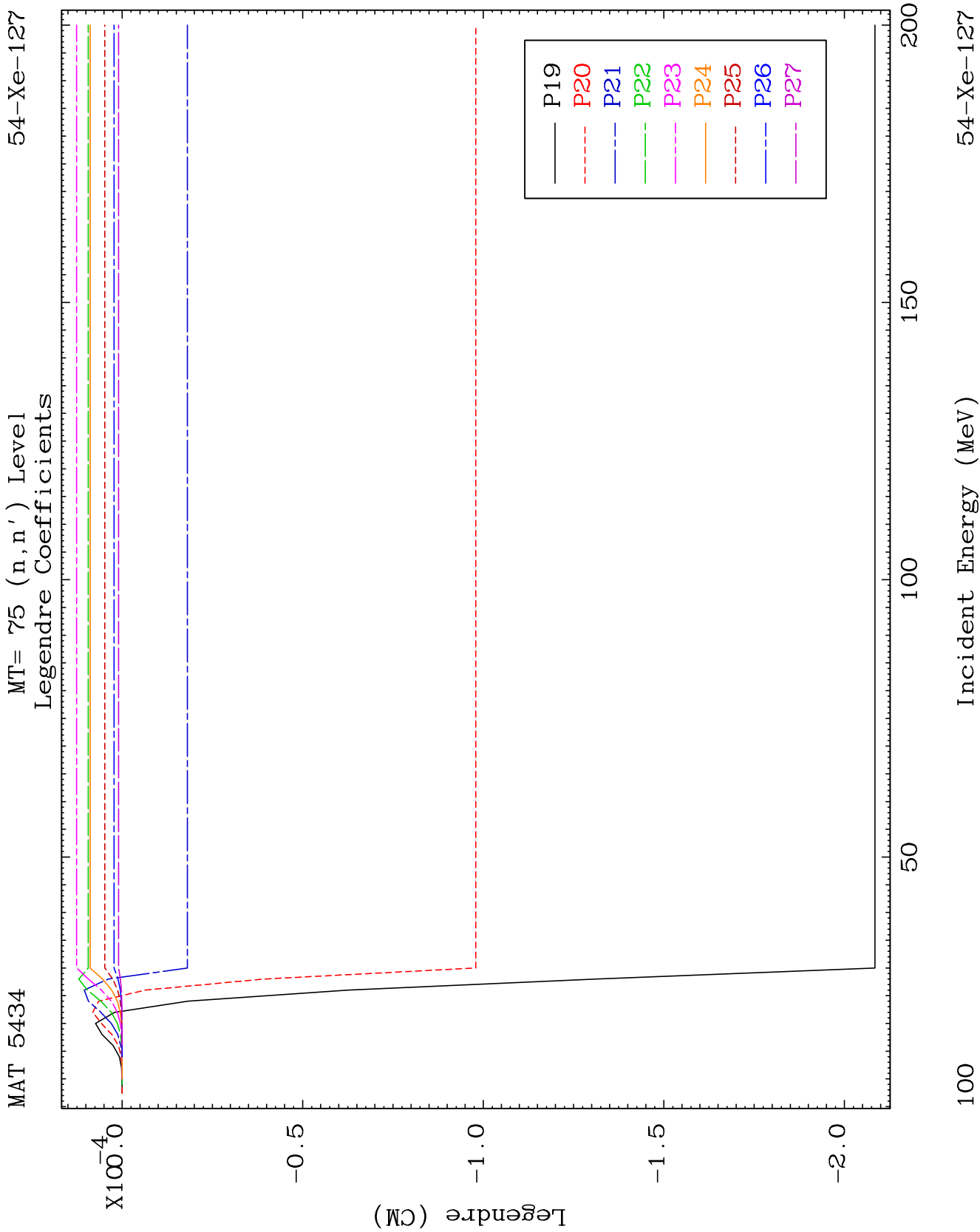


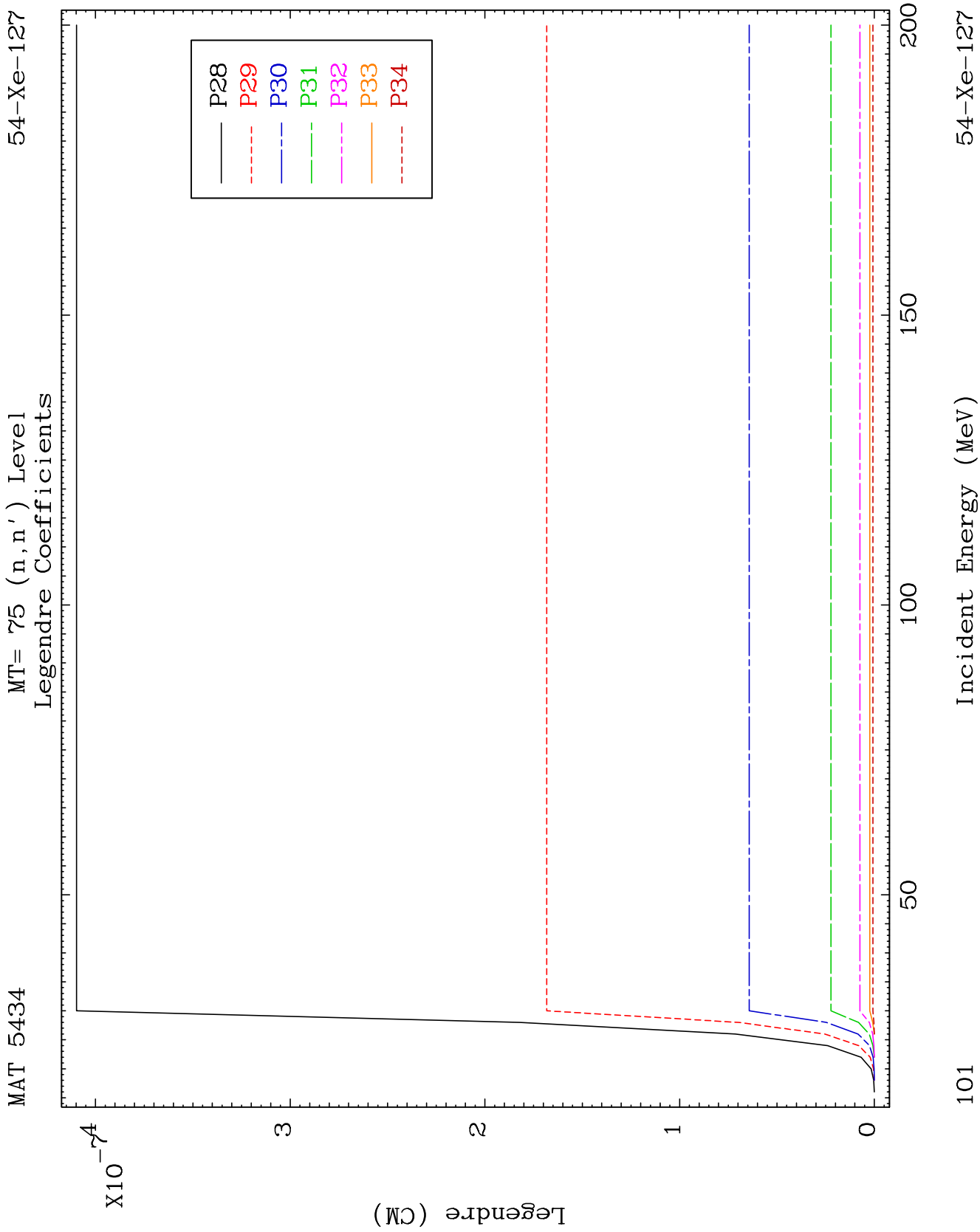


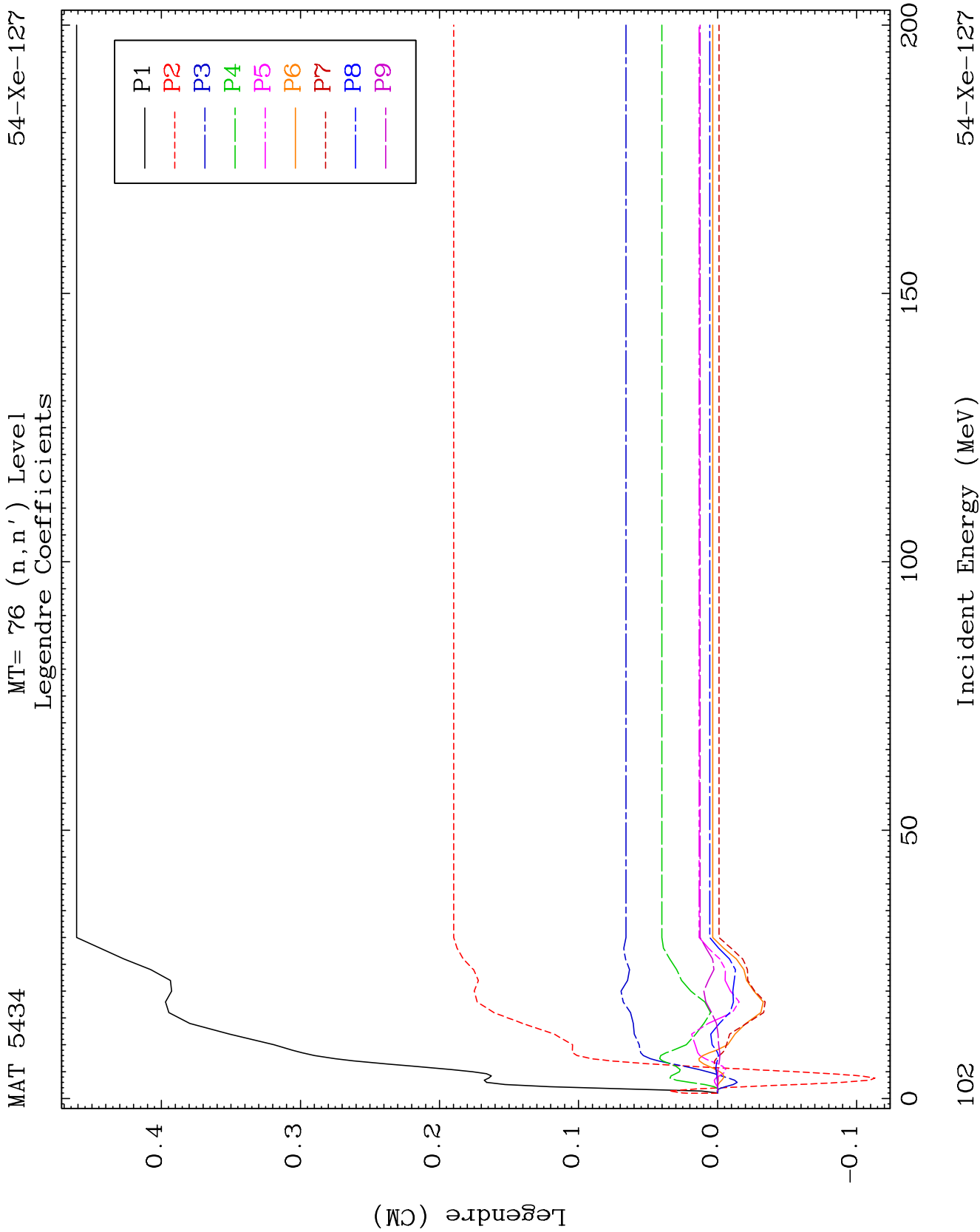








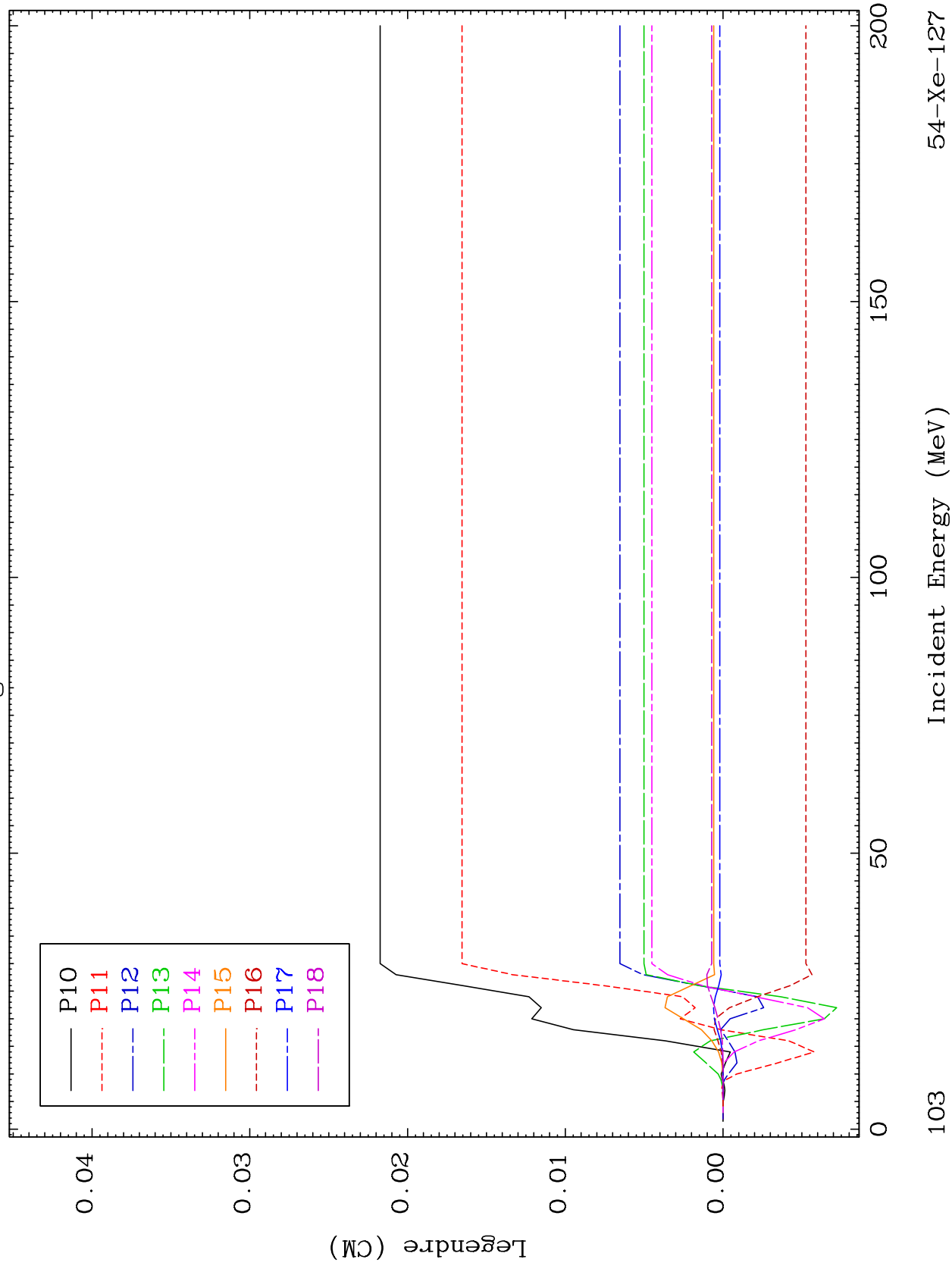




MAT 5434

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

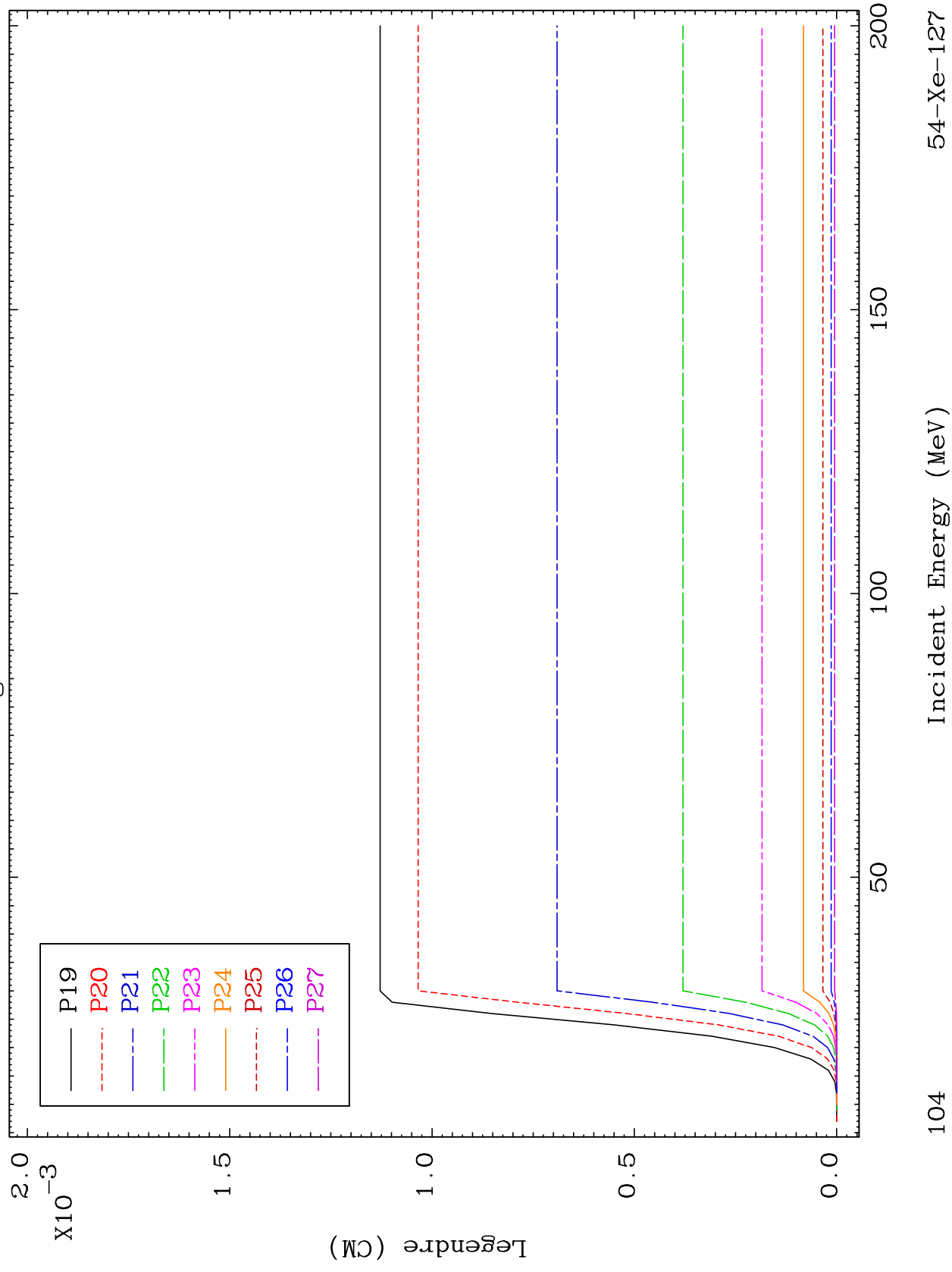
54-Xe-127

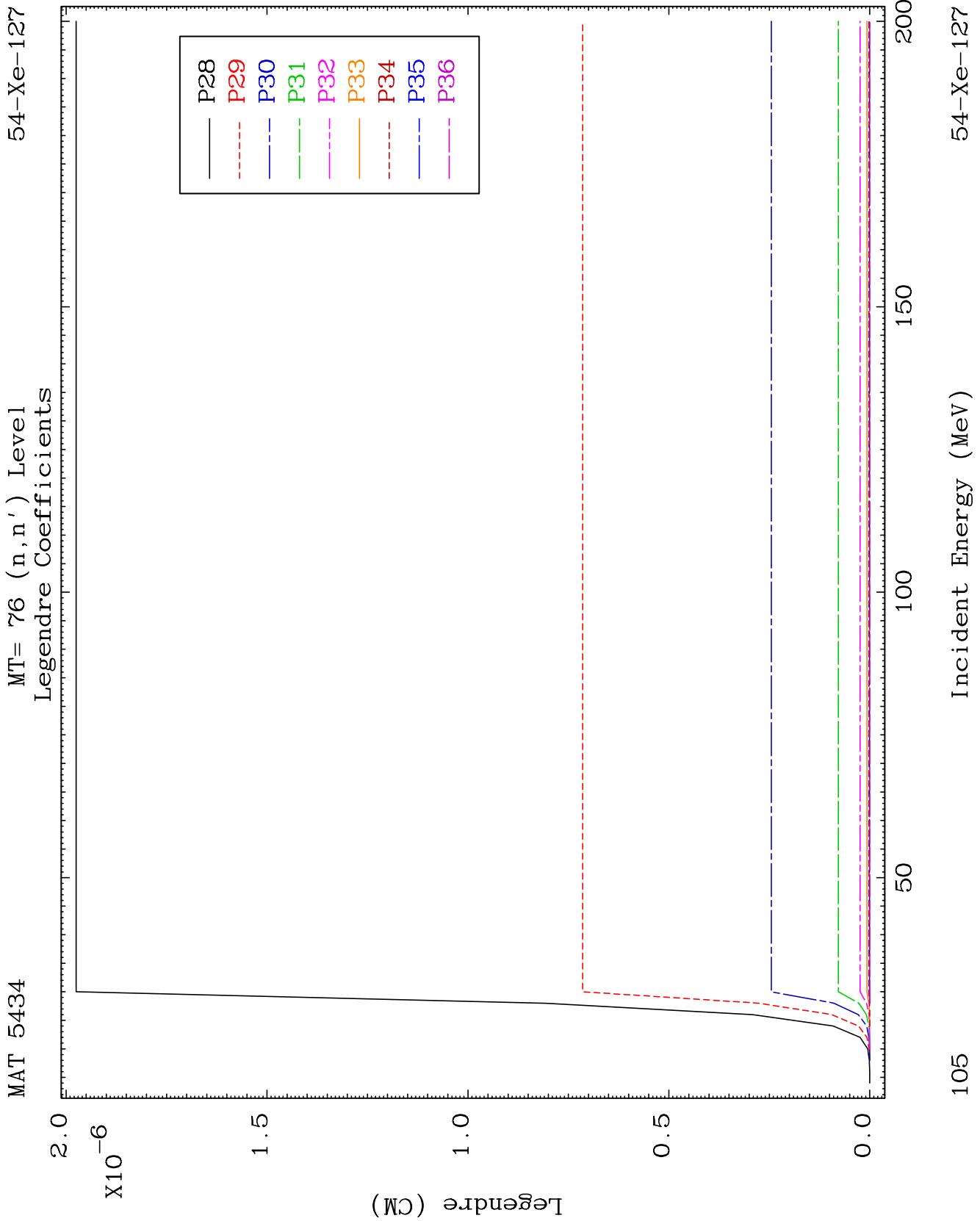


MAT 5434

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

54-Xe-127

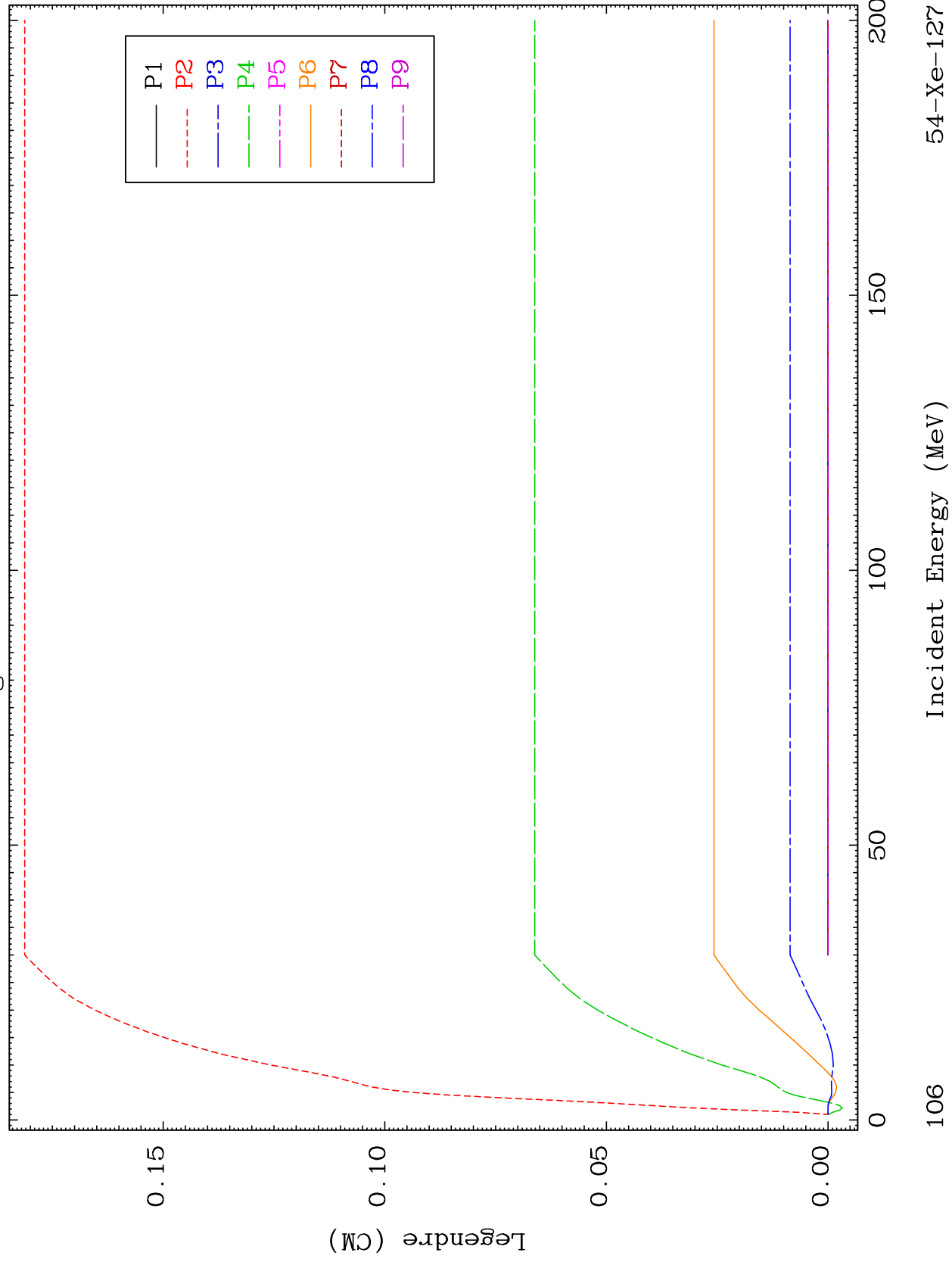


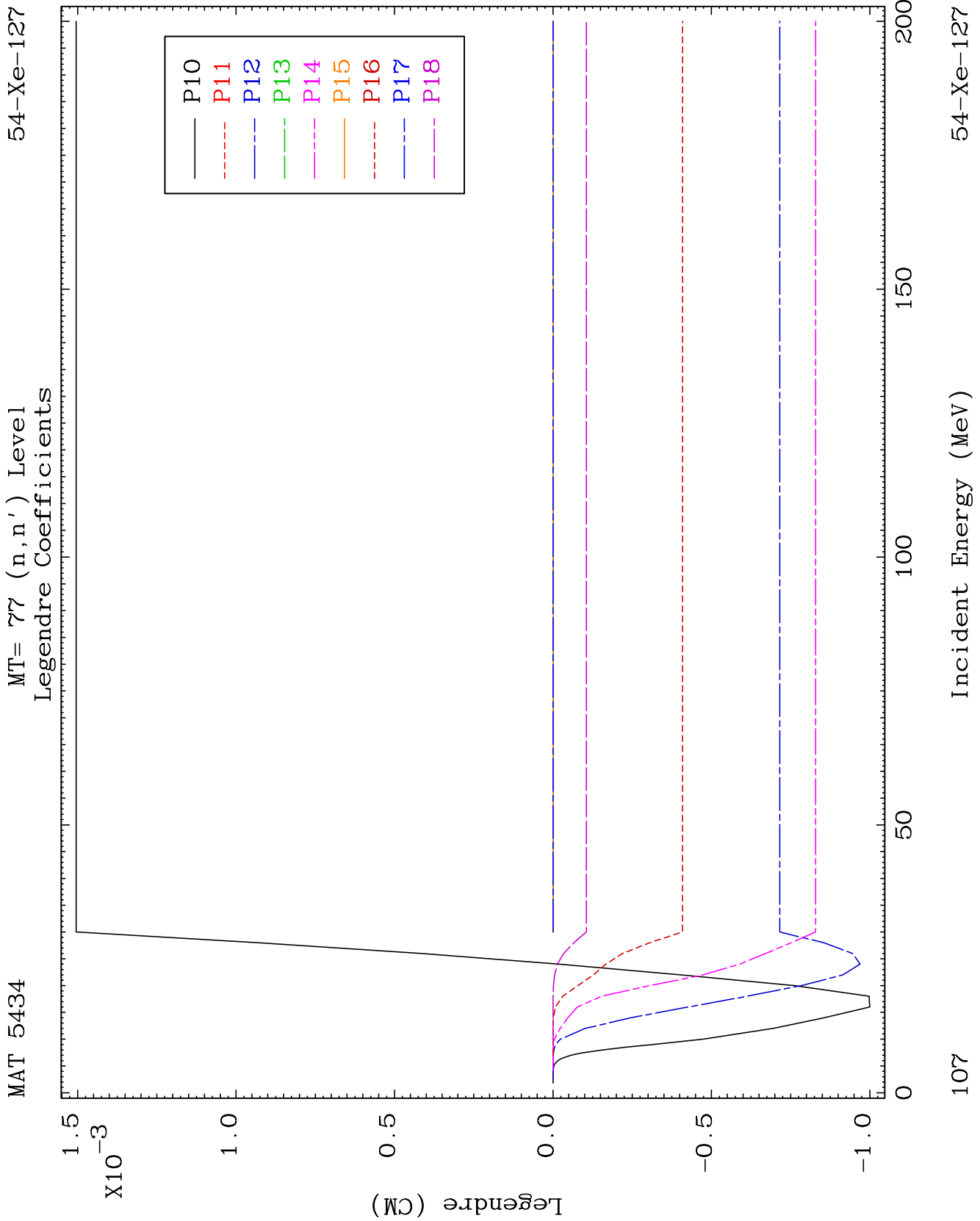


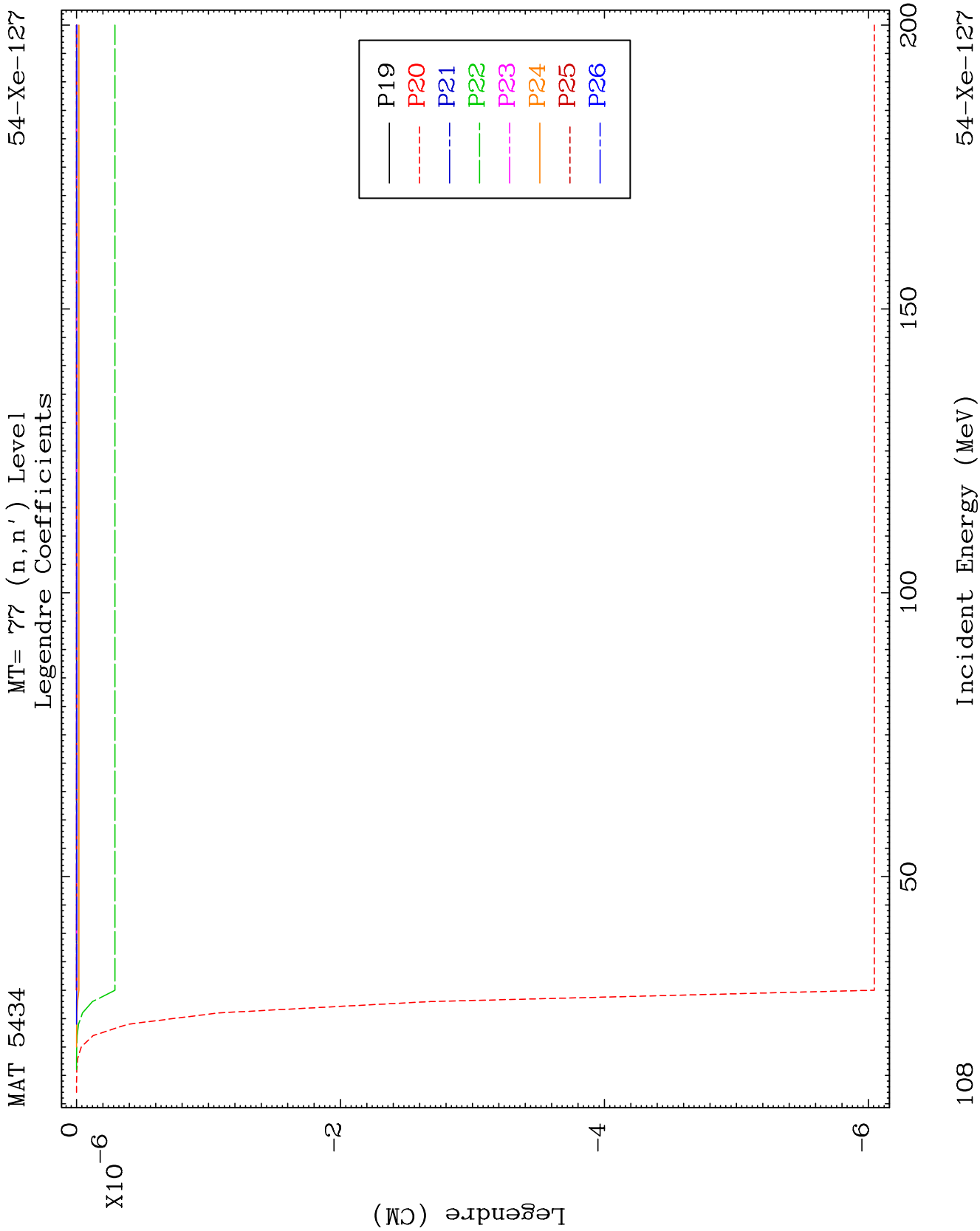
MAT 5434

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

54-Xe-127



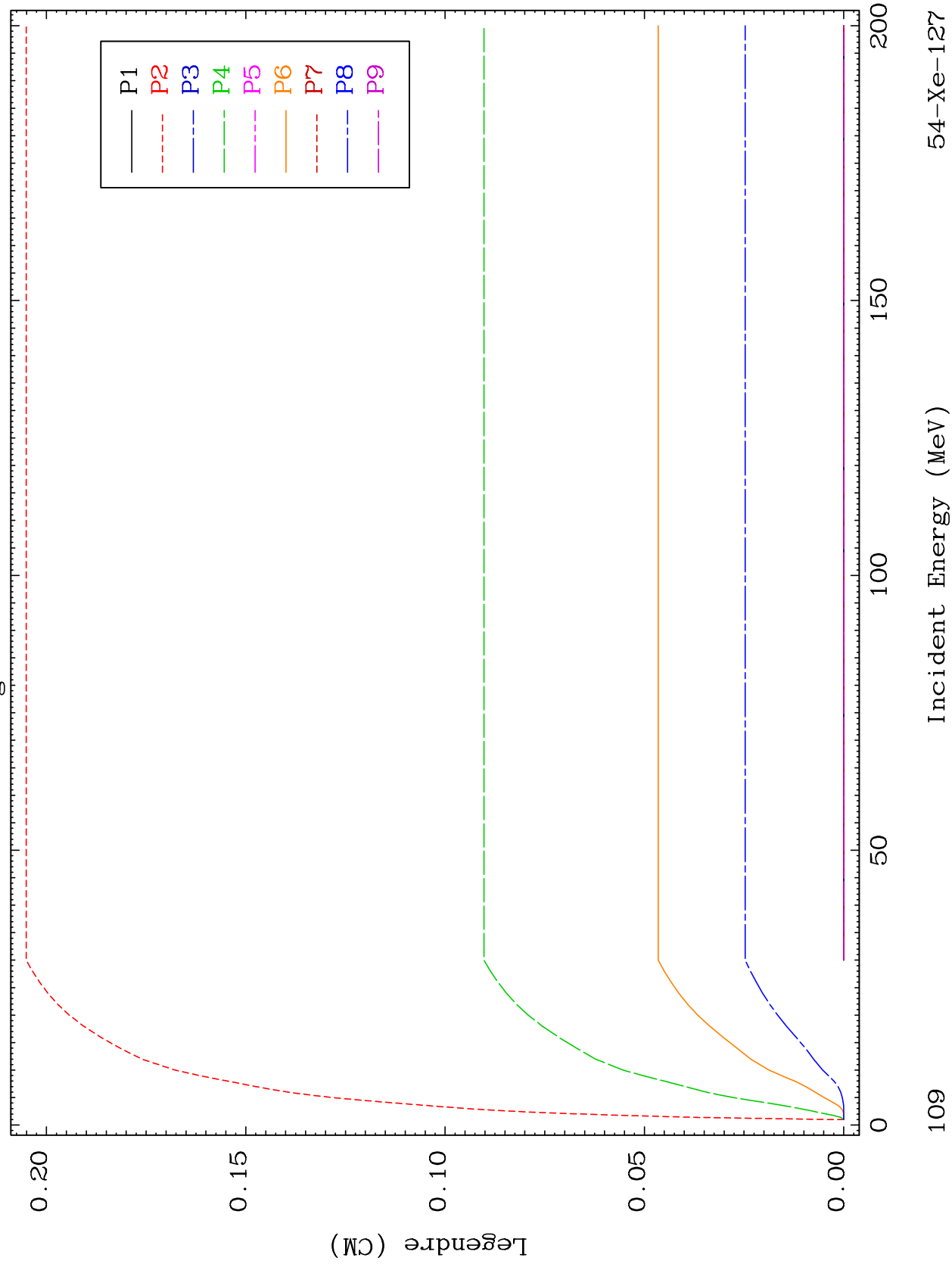




MAT 5434

MT= 78 (n, n') Level
Legendre Coefficients

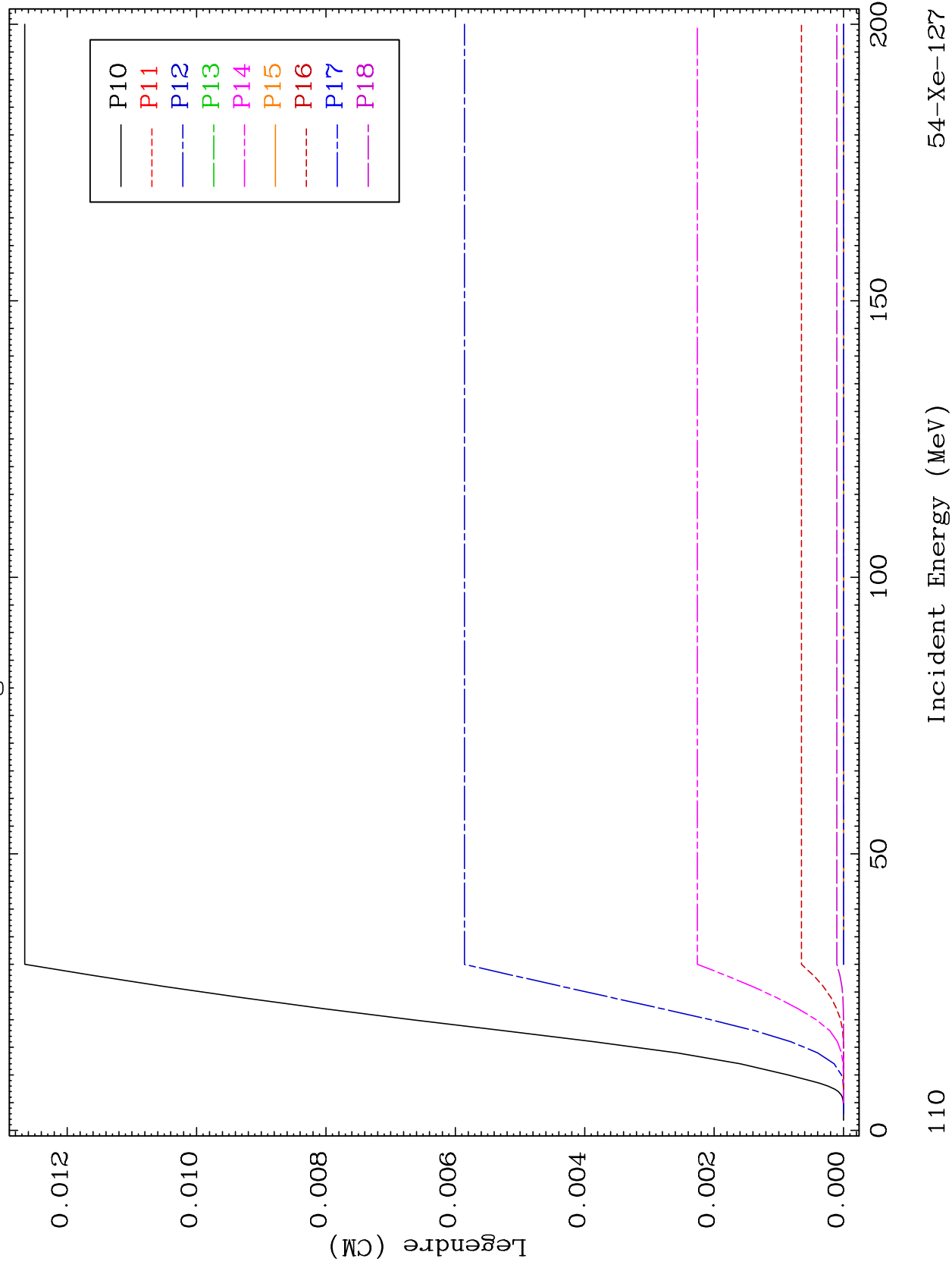
54-Xe-127

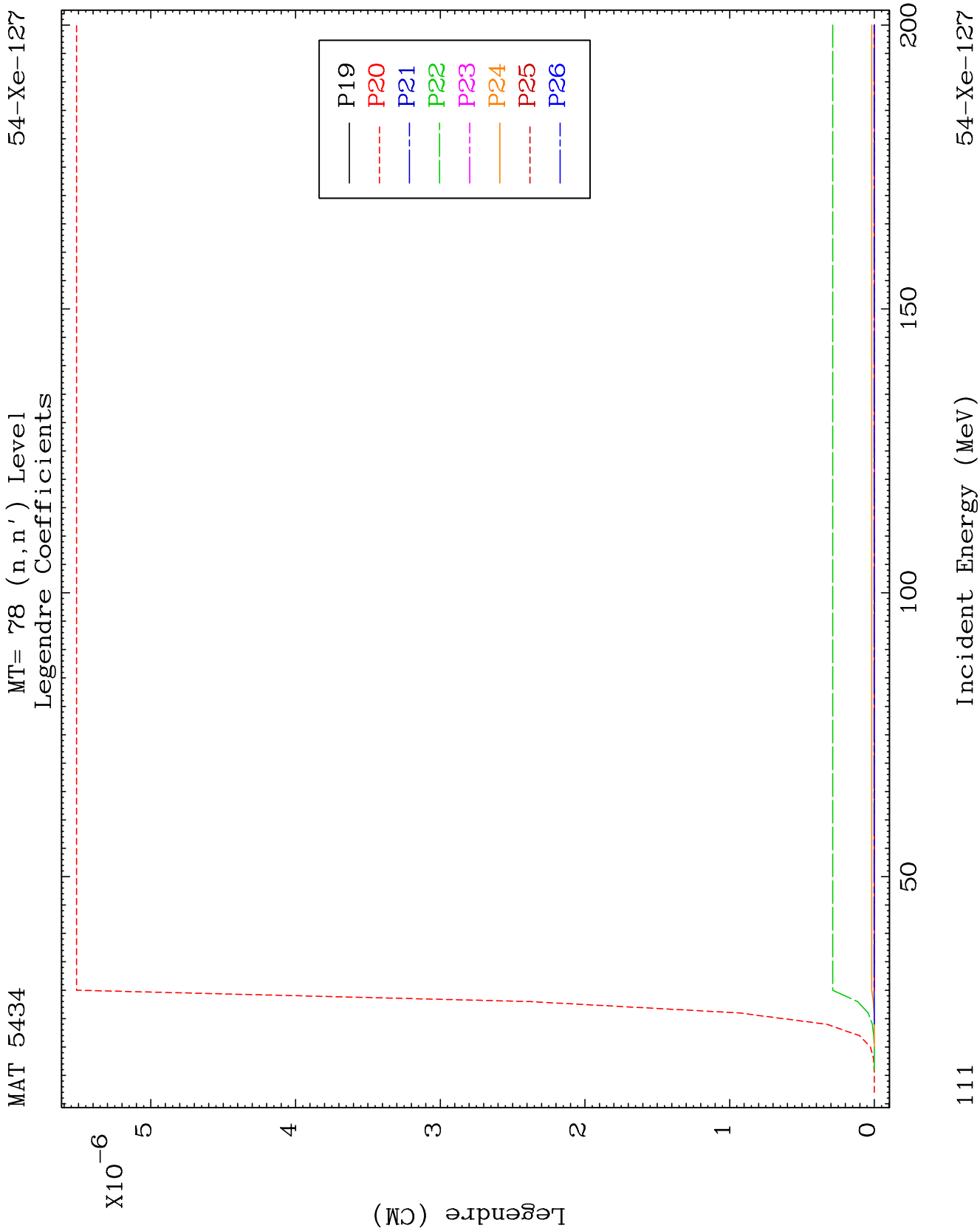


MAT 5434

MT= 78 (n, n') Level
Legendre Coefficients

54-Xe-127

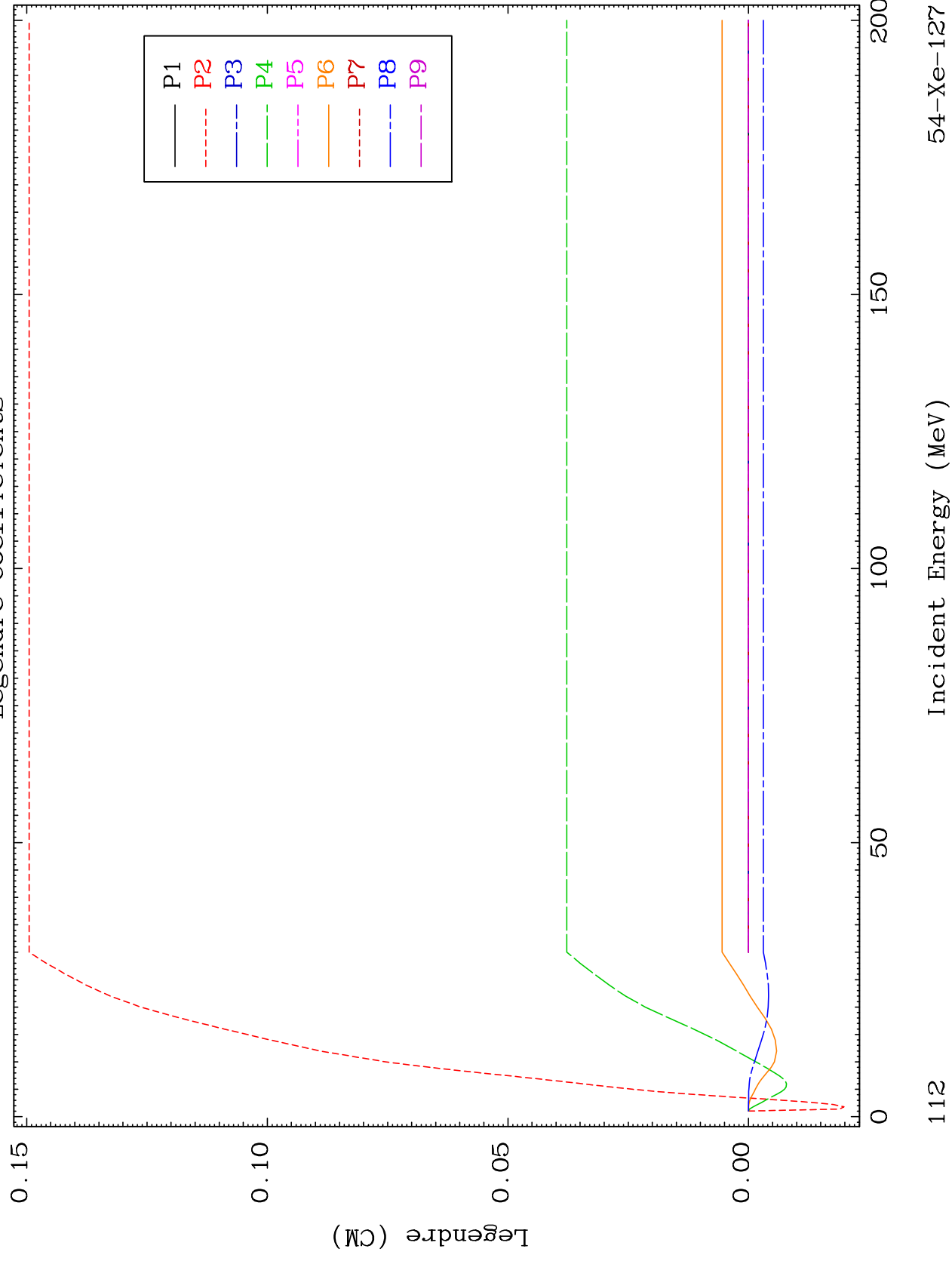


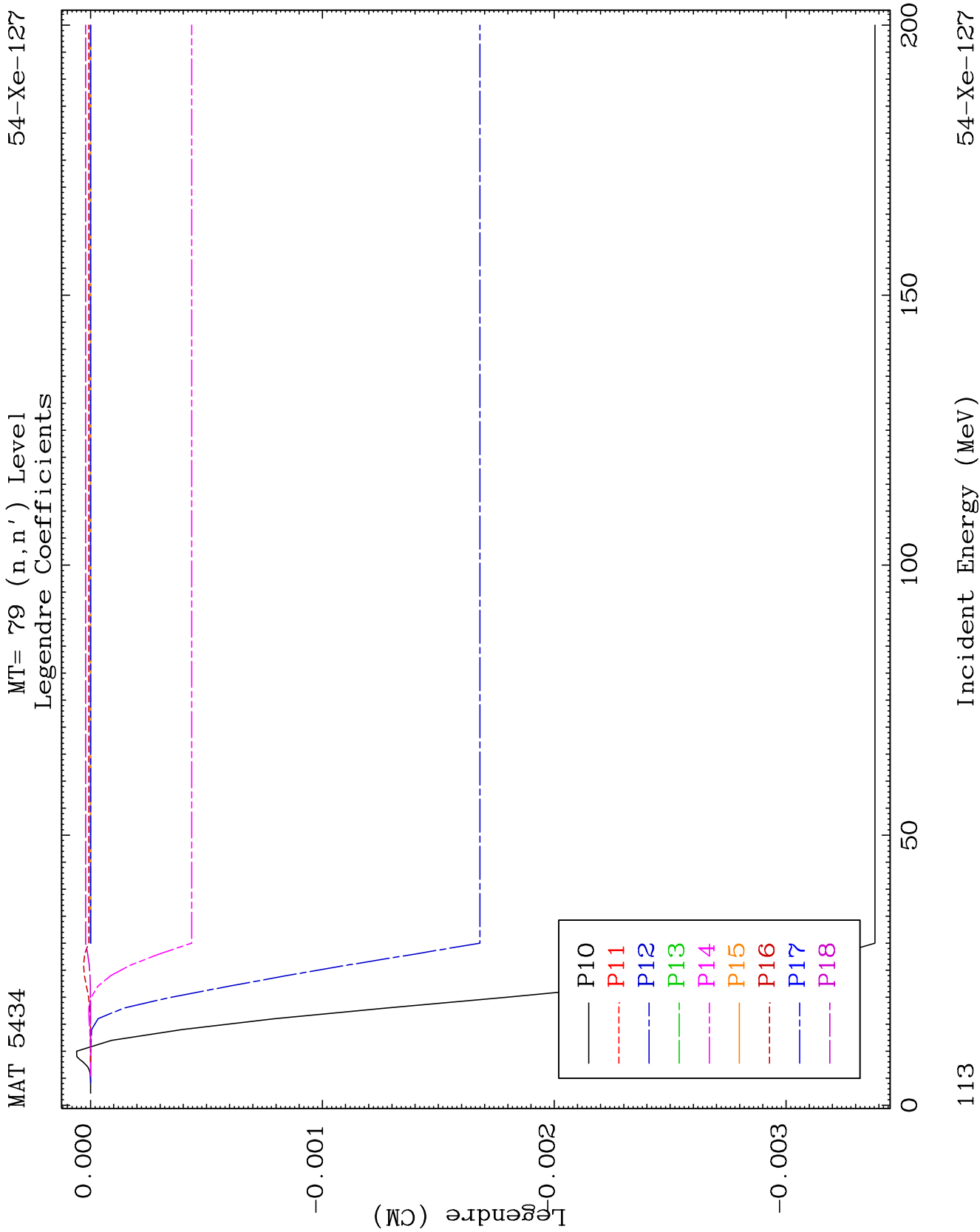


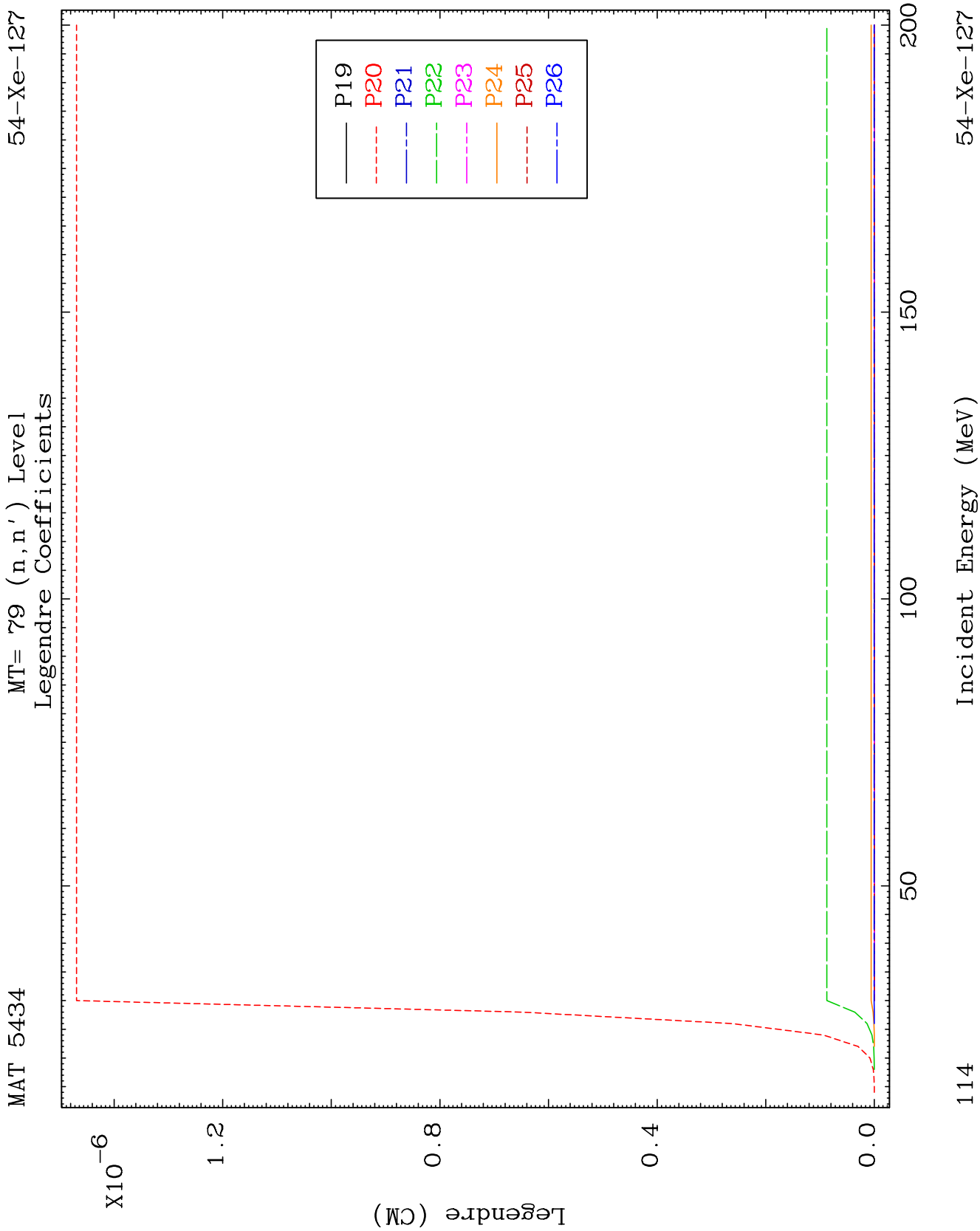
MAT 5434

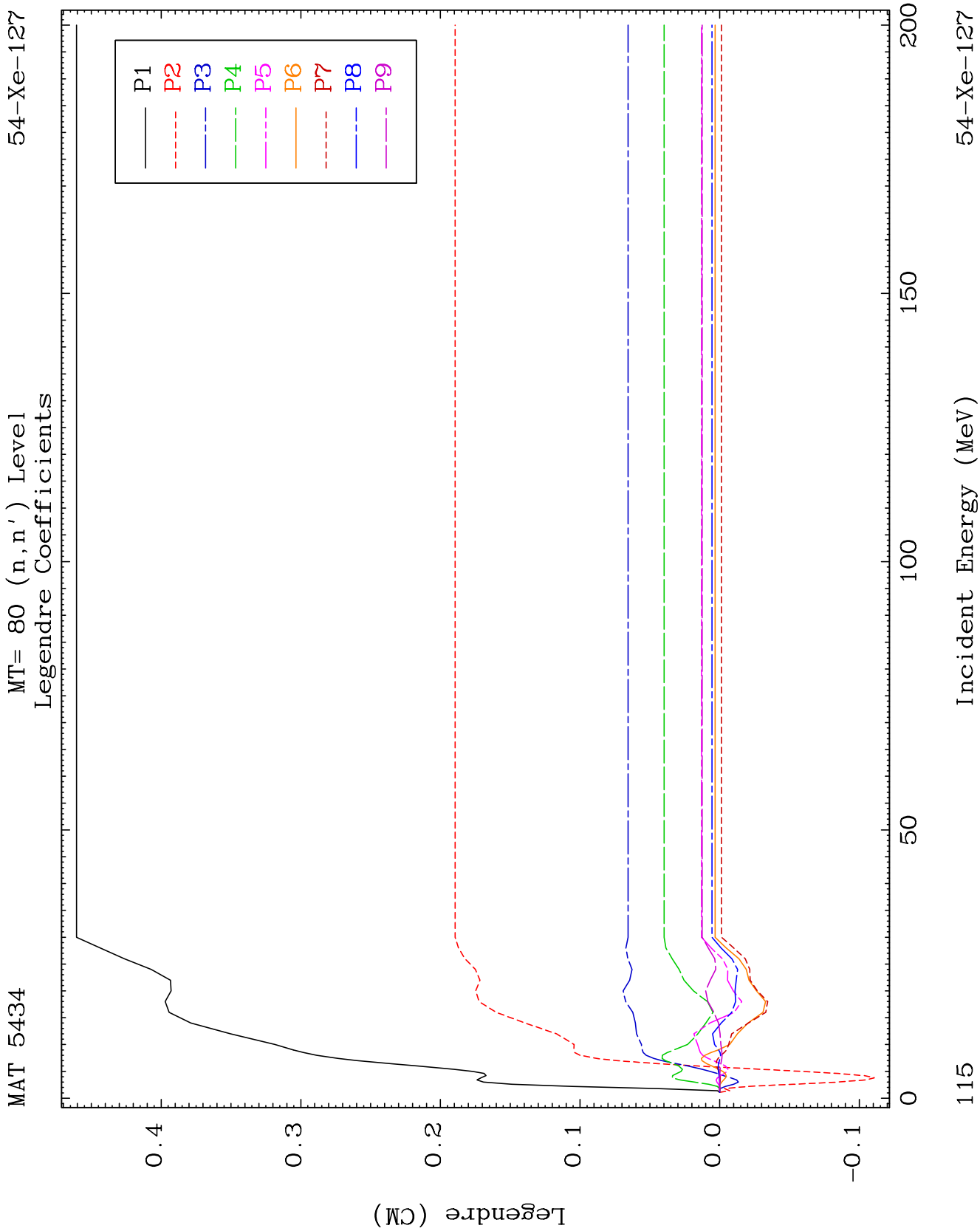
MT= 79 (n, n') Level
Legendre Coefficients

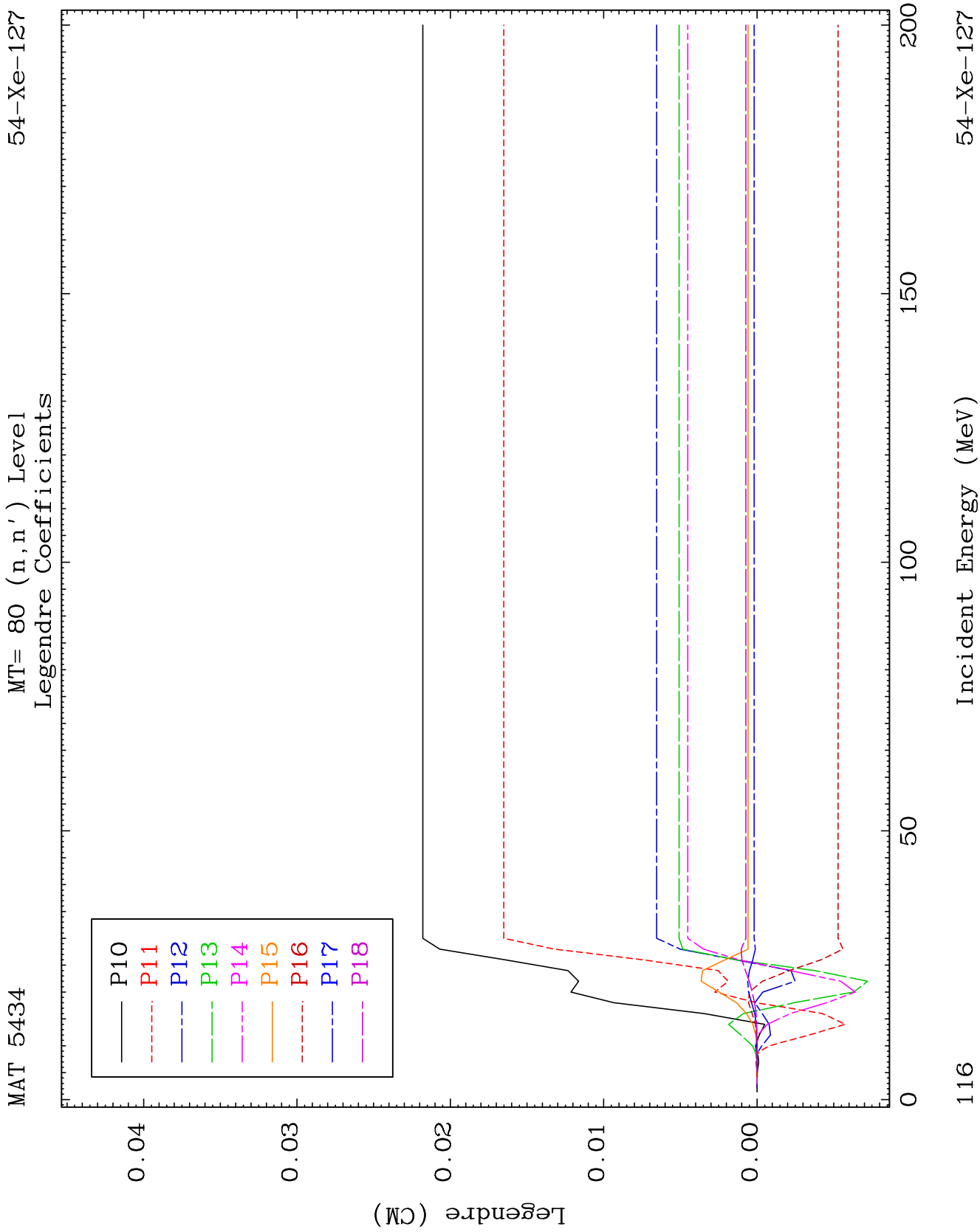
54-Xe-127

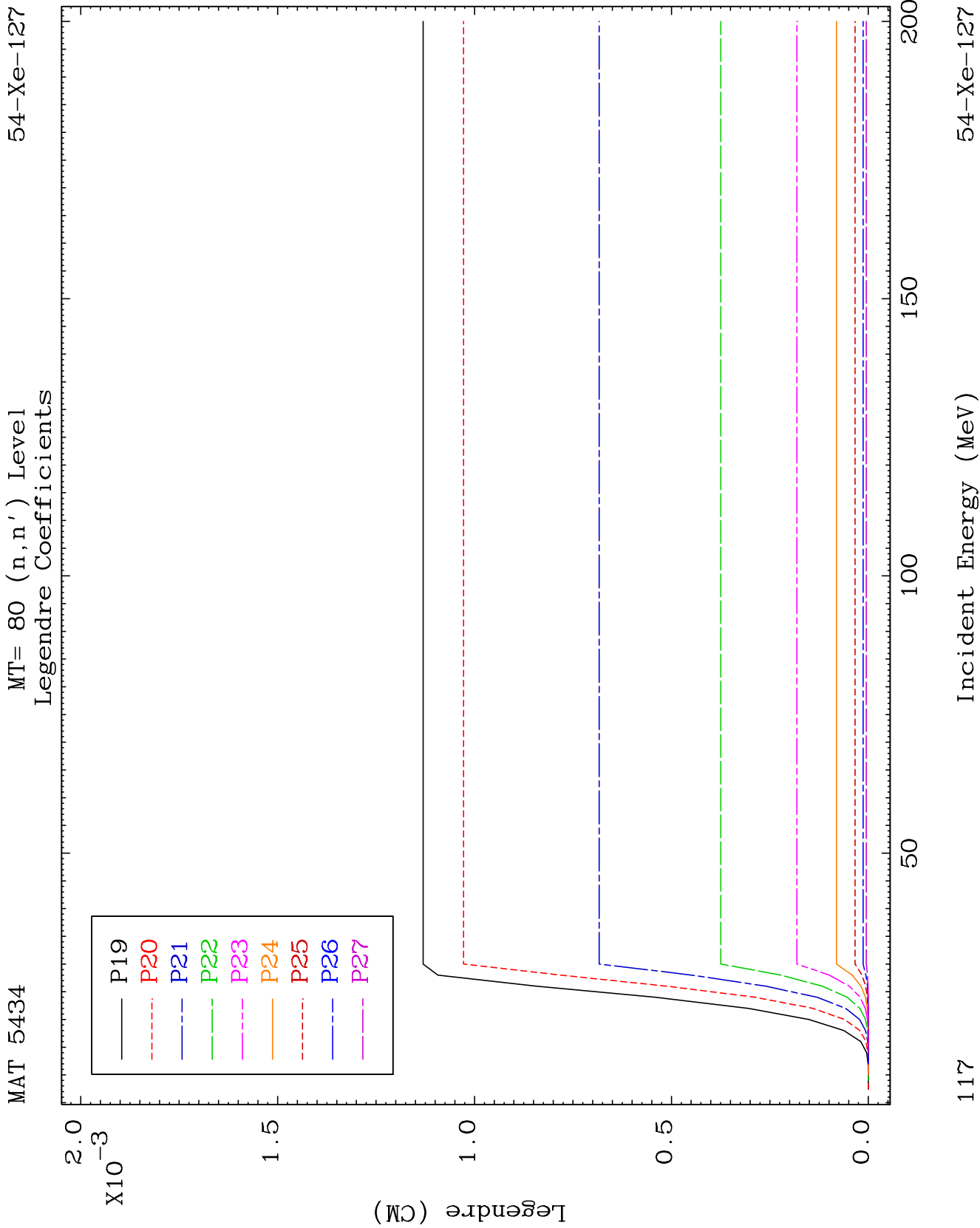








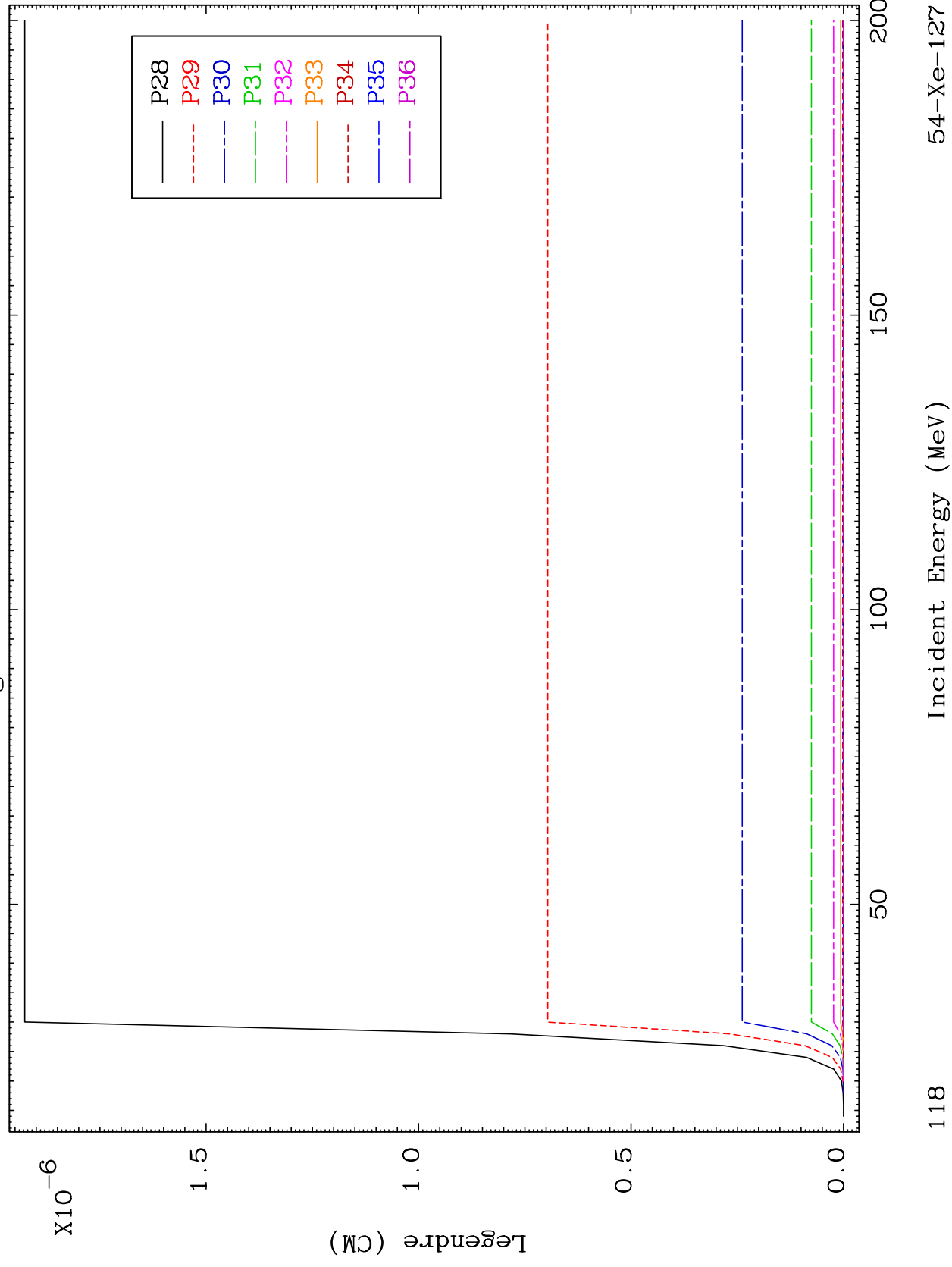




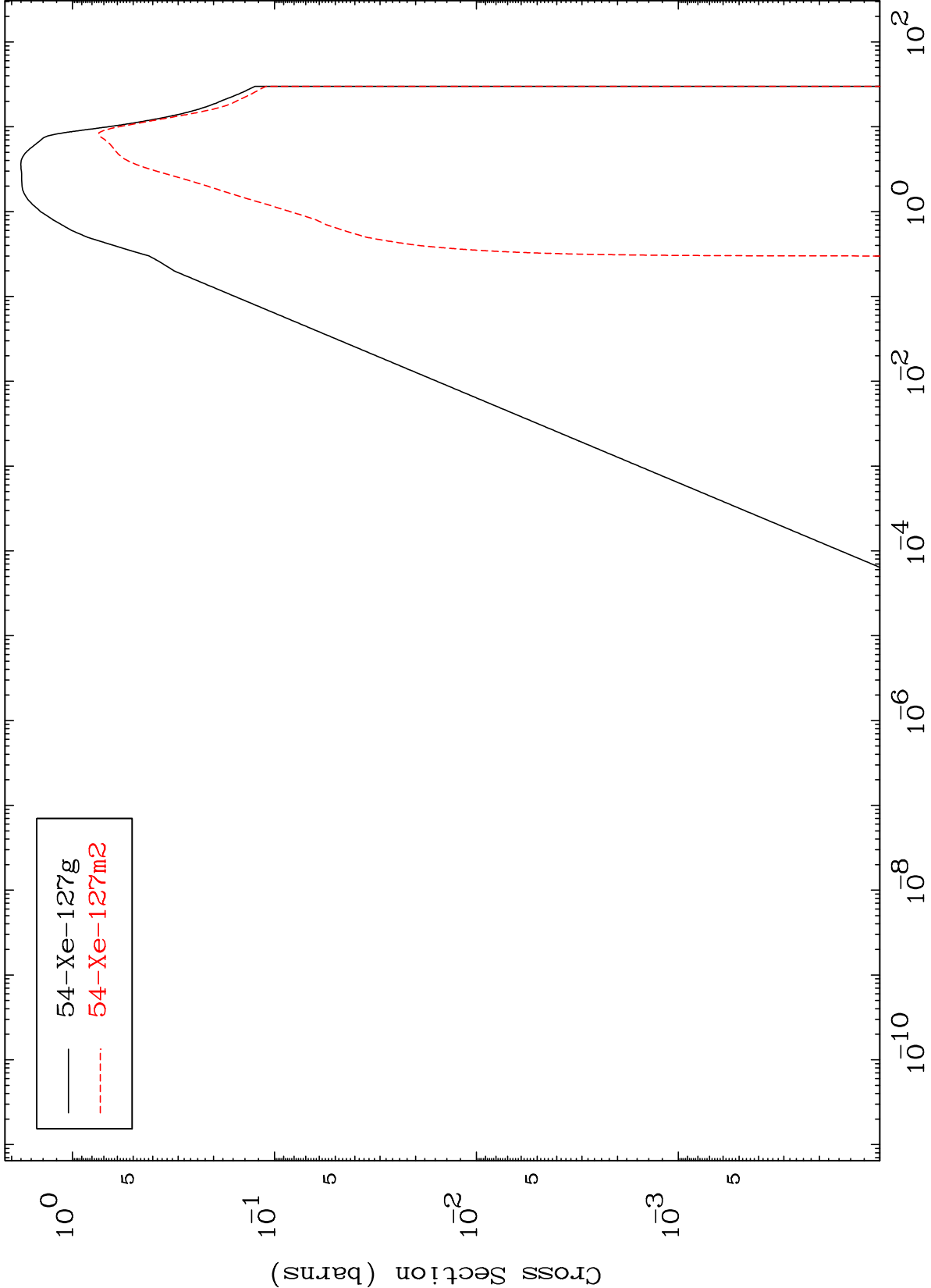
MAT 5434

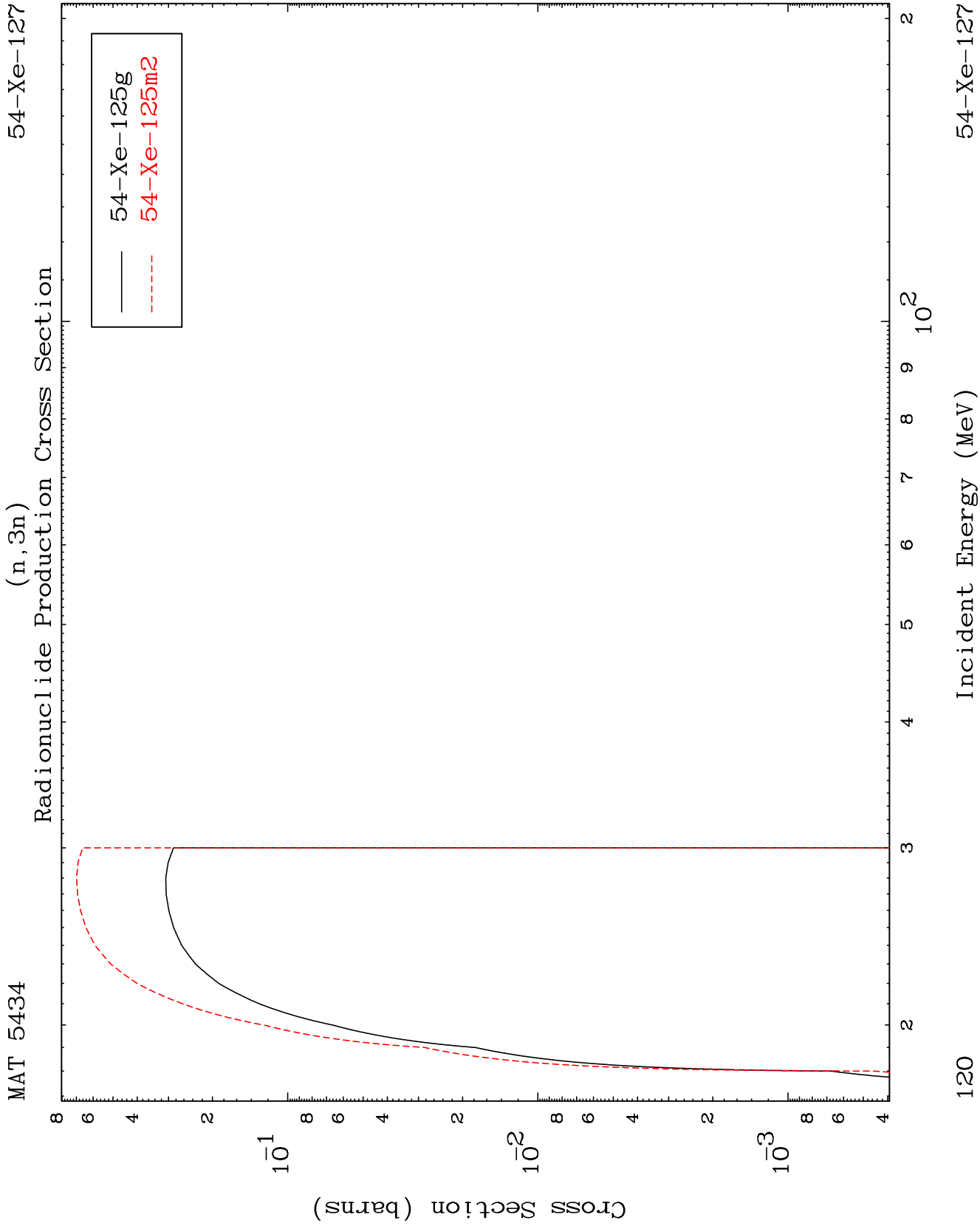
MT= 80 (n, n') Level
Legendre Coefficients

54-Xe-127



Inelastic
Radionuclide Production Cross Section

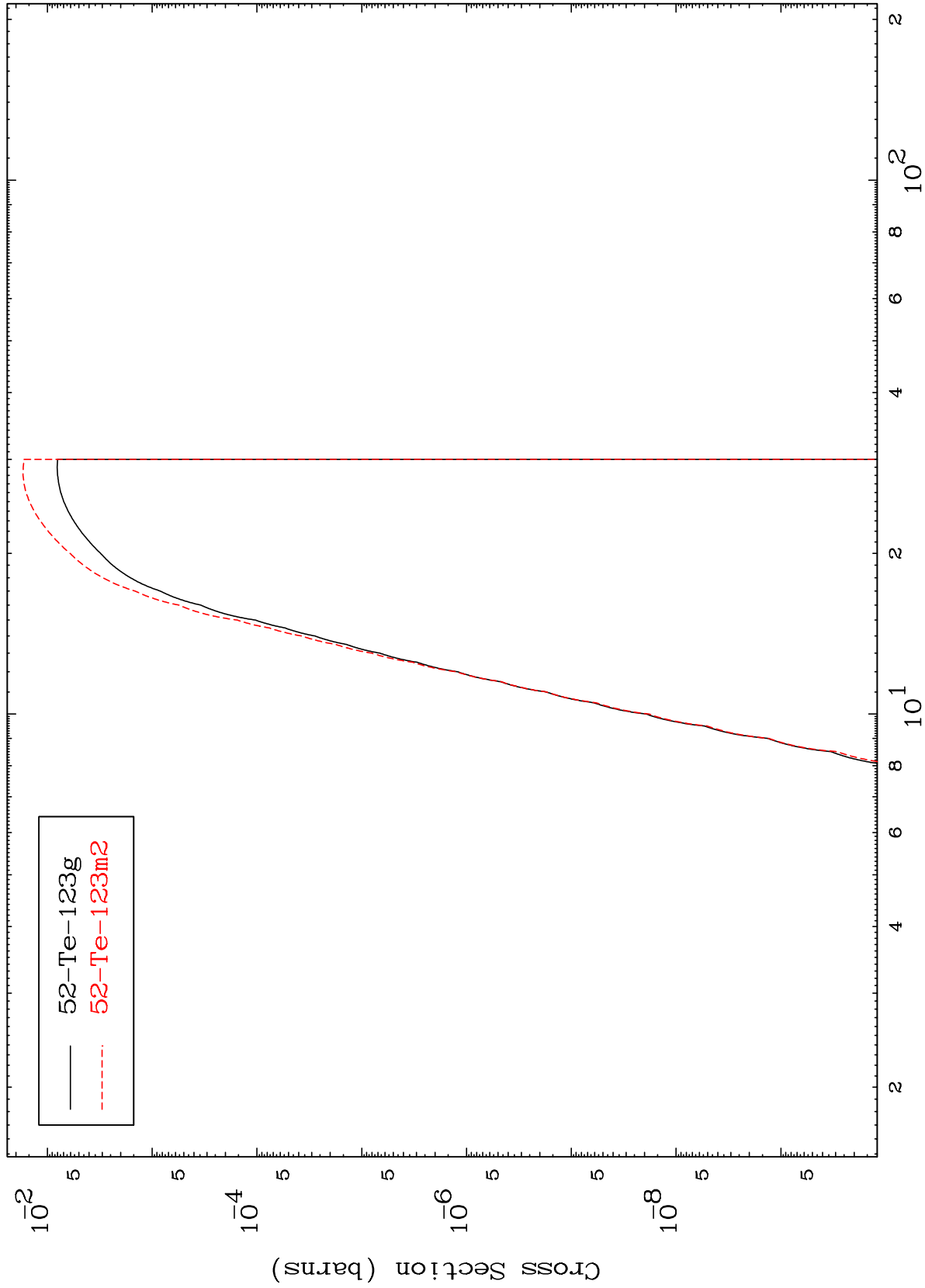




MAT 5434

54-Xe-127

$(n,n') \alpha$
Radionuclide Production Cross Section



121

Incident Energy (MeV)

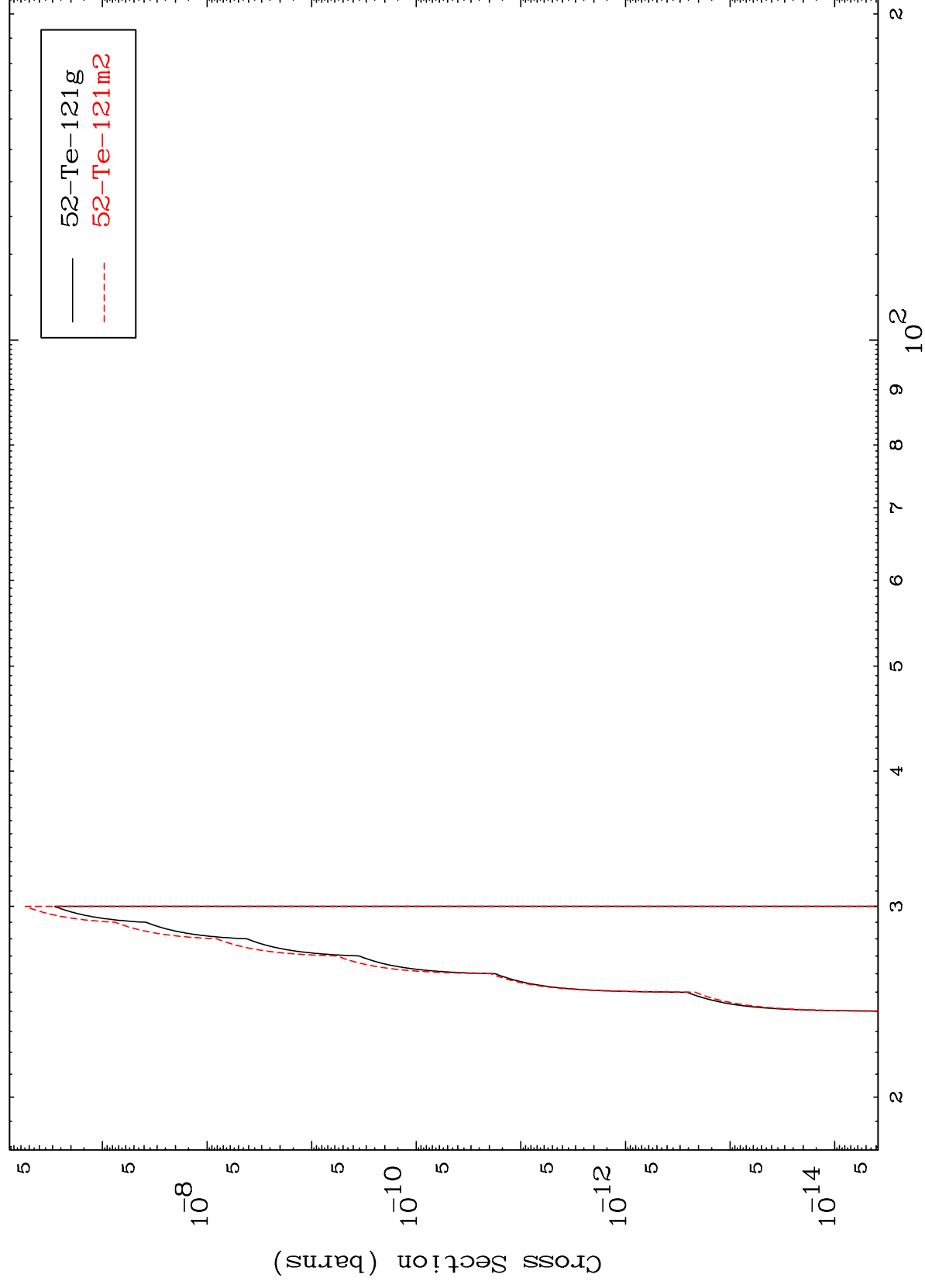
54-Xe-127

MAT 5434

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

54-Xe-127

Radionuclide Production Cross Section



122

Incident Energy (MeV)

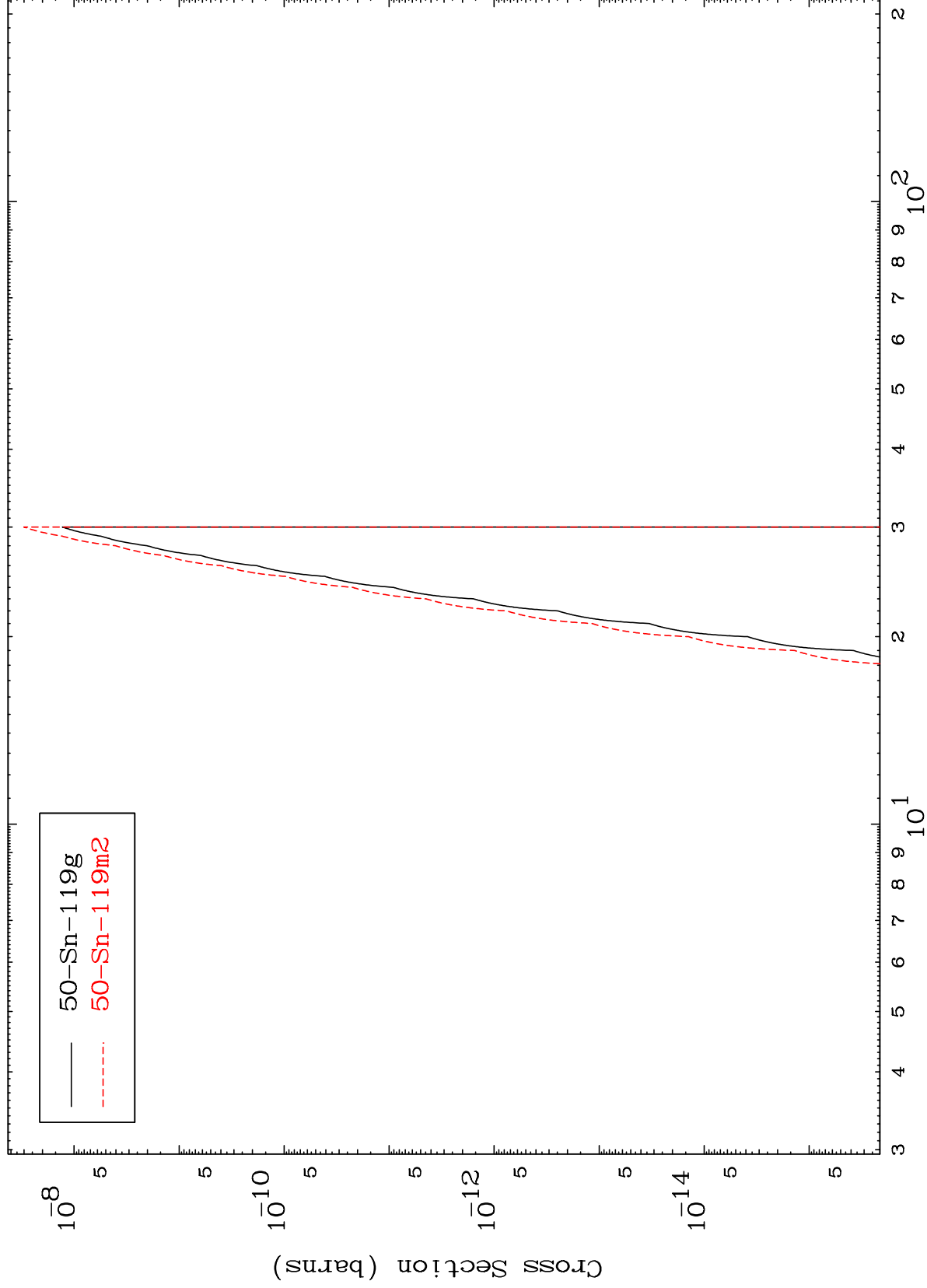
54-Xe-127

MAT 5434

(n,n') 2α

54-Xe-127

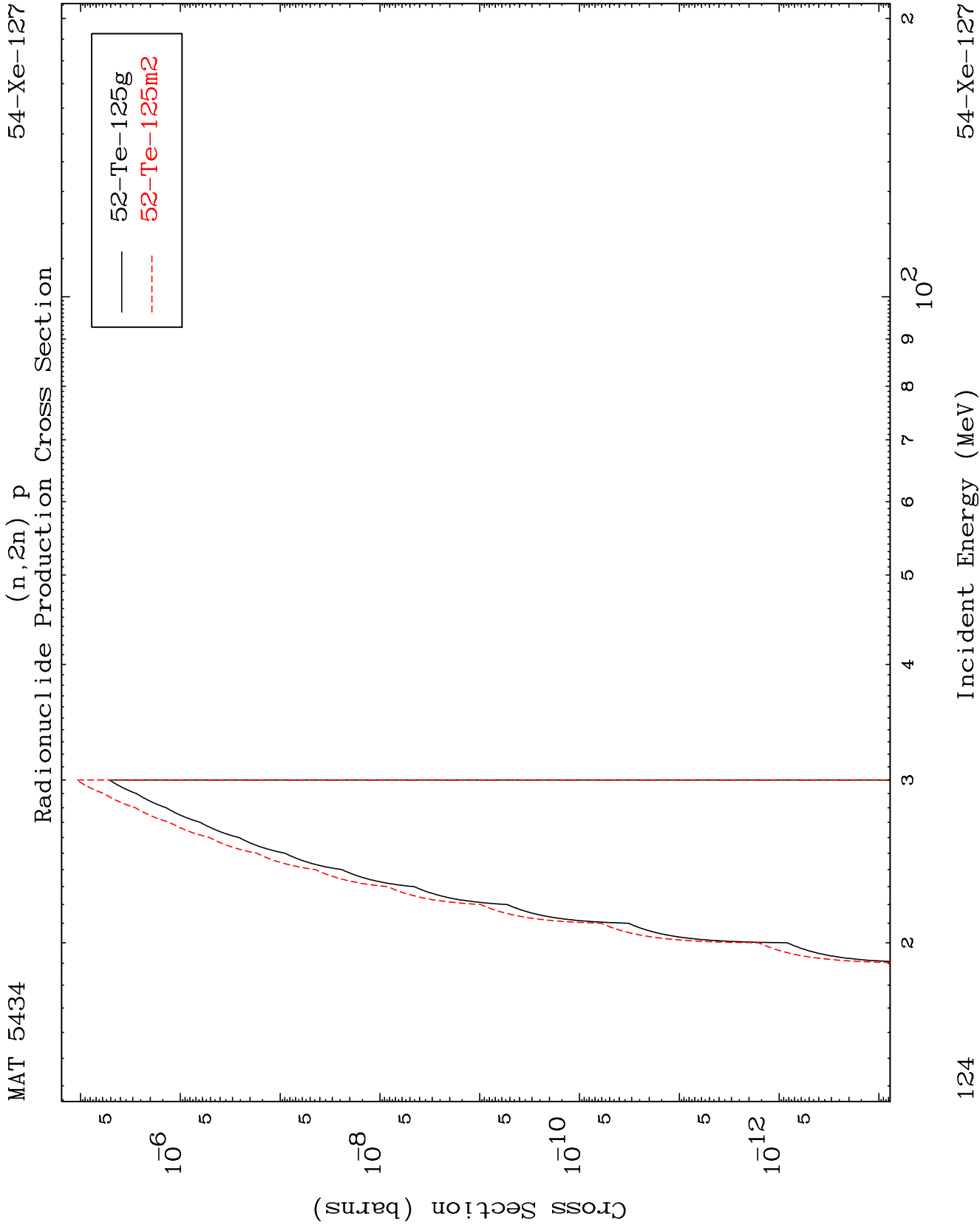
Radionuclide Production Cross Section

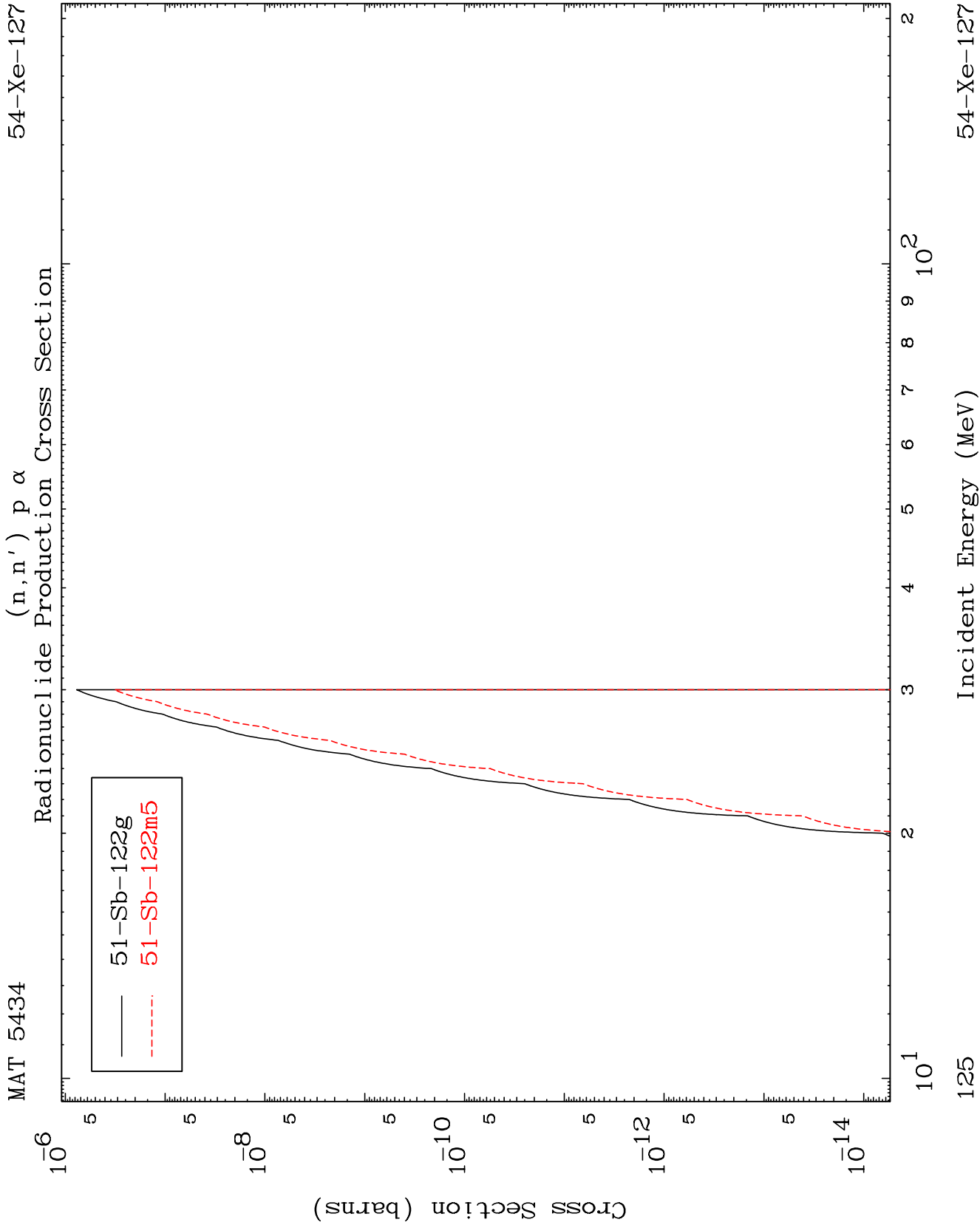


Incident Energy (MeV)

54-Xe-127

123

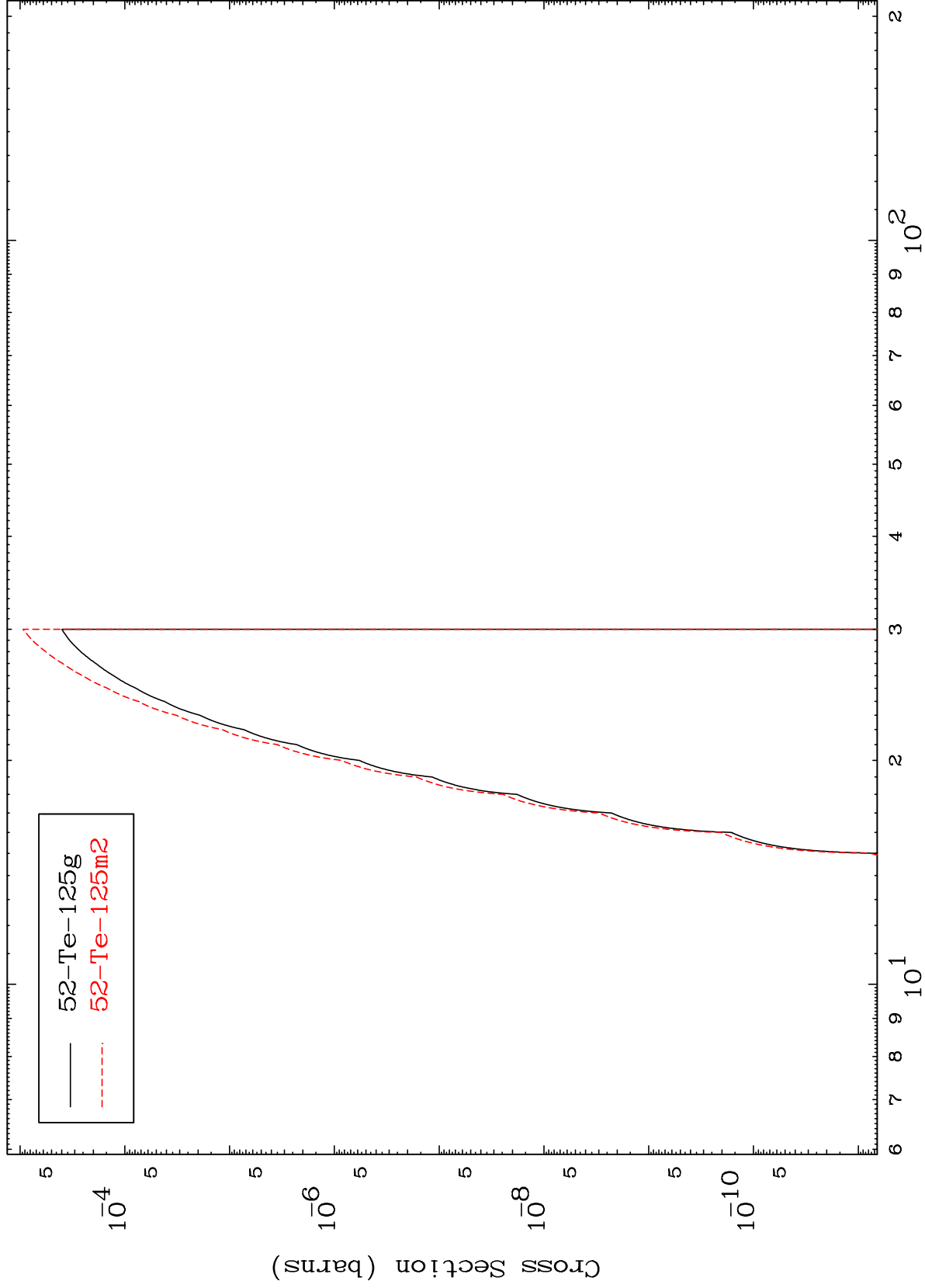




MAT 5434

54-Xe-127

Radionuclide Production Cross Section



126

Incident Energy (MeV)

54-Xe-127

