

Program EVALPLOT
(Version 2017-1)

by

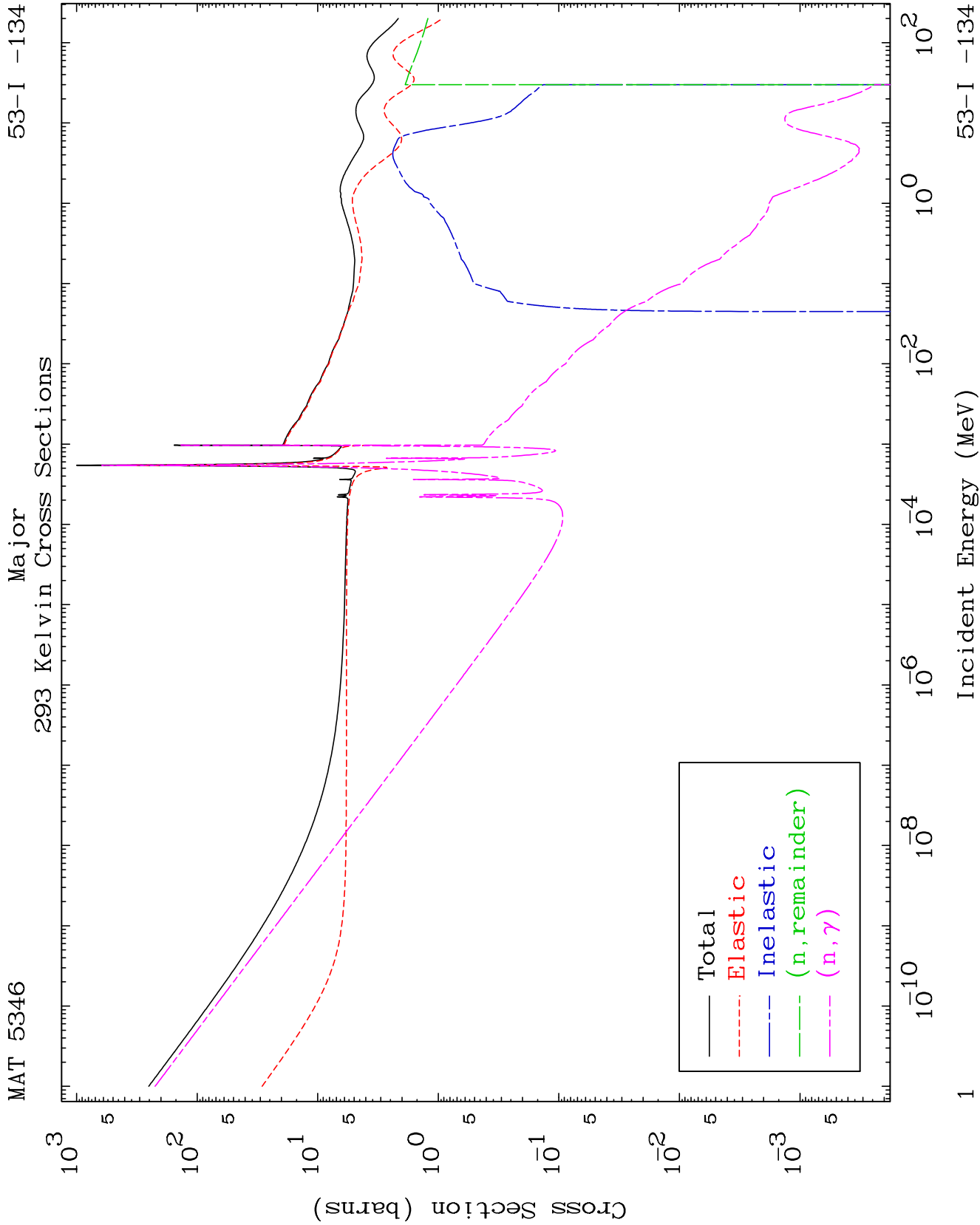
Dermott E. Cullen
(Present Contact Information)

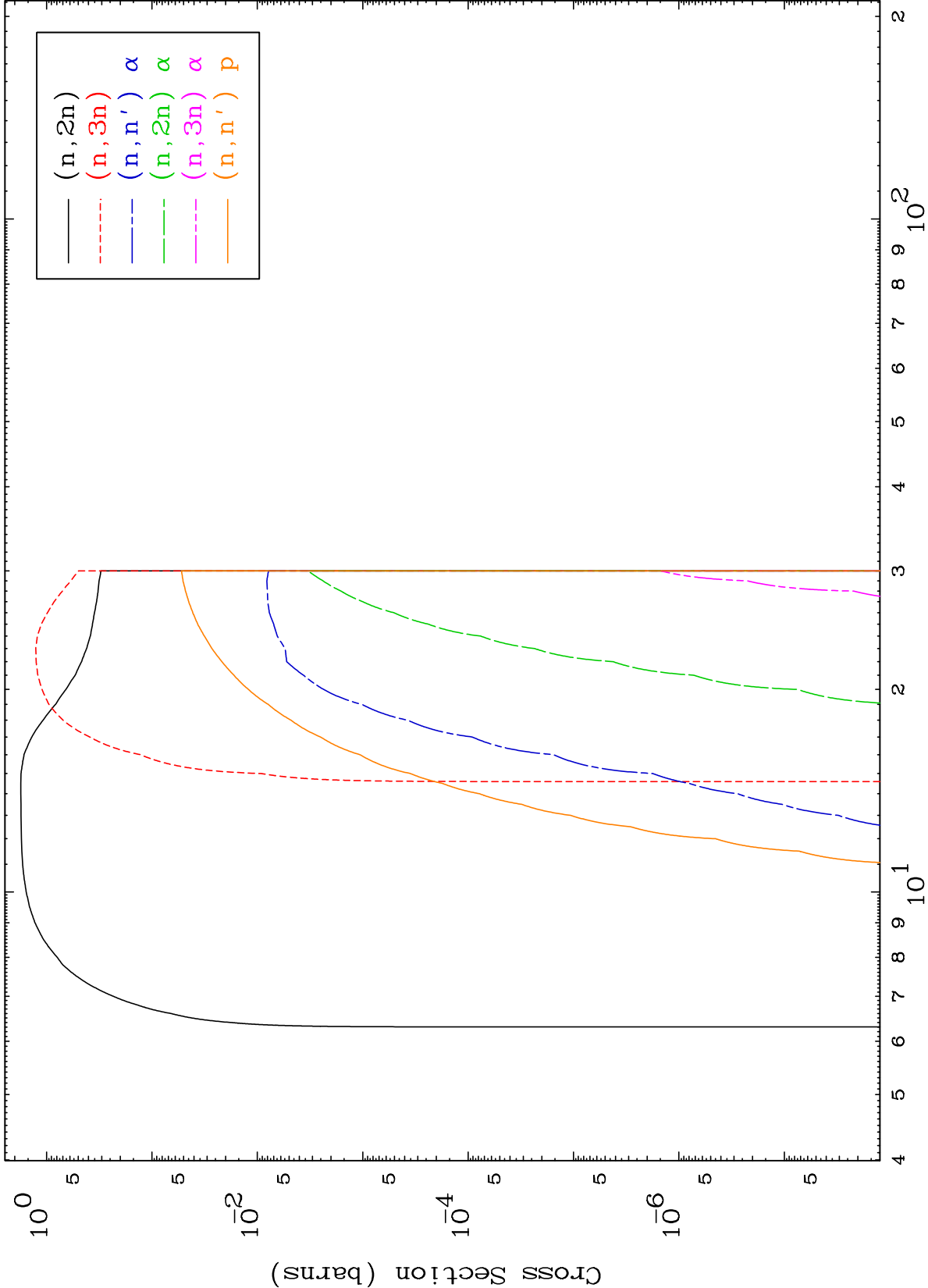
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

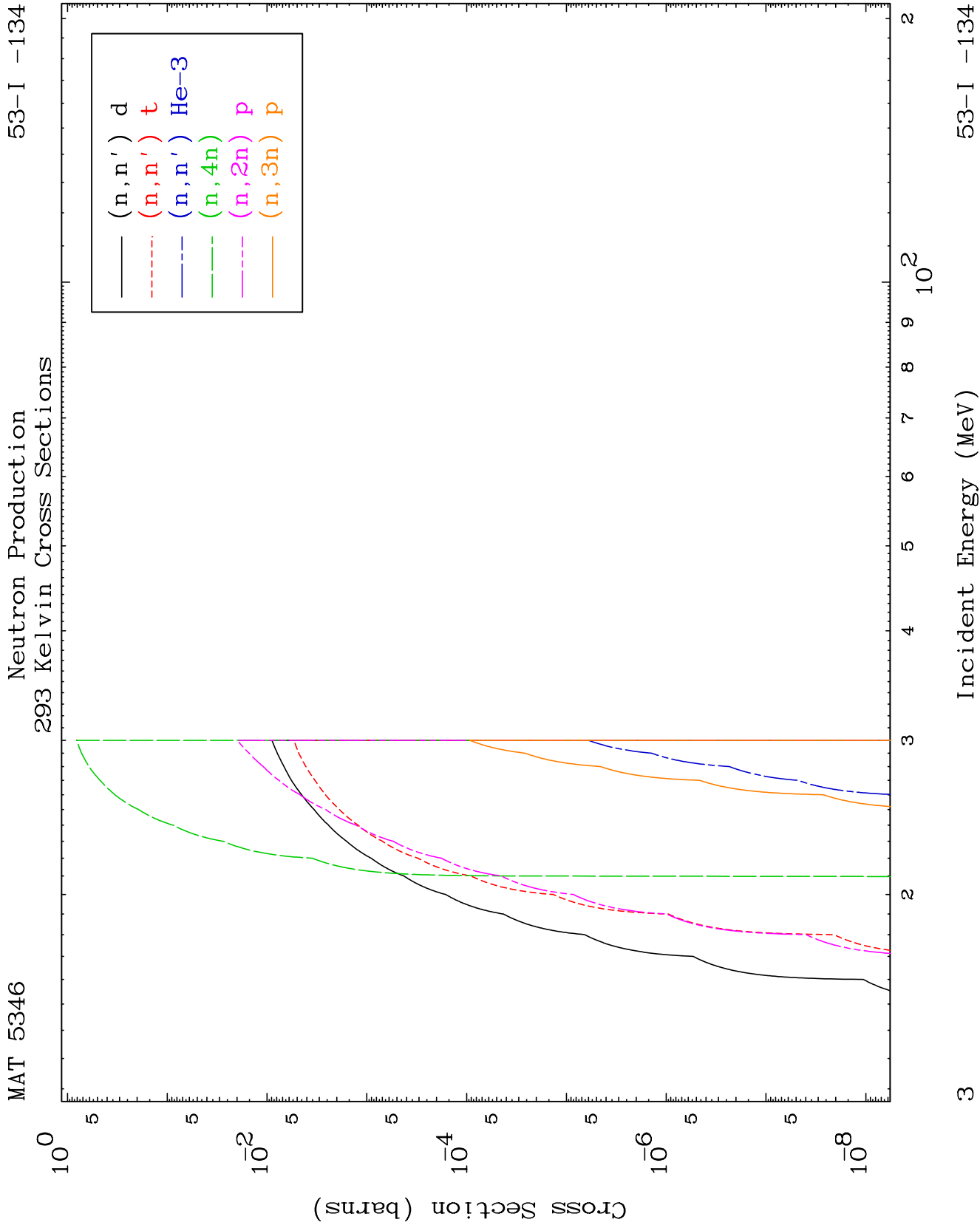
Tele: 925-443-1911

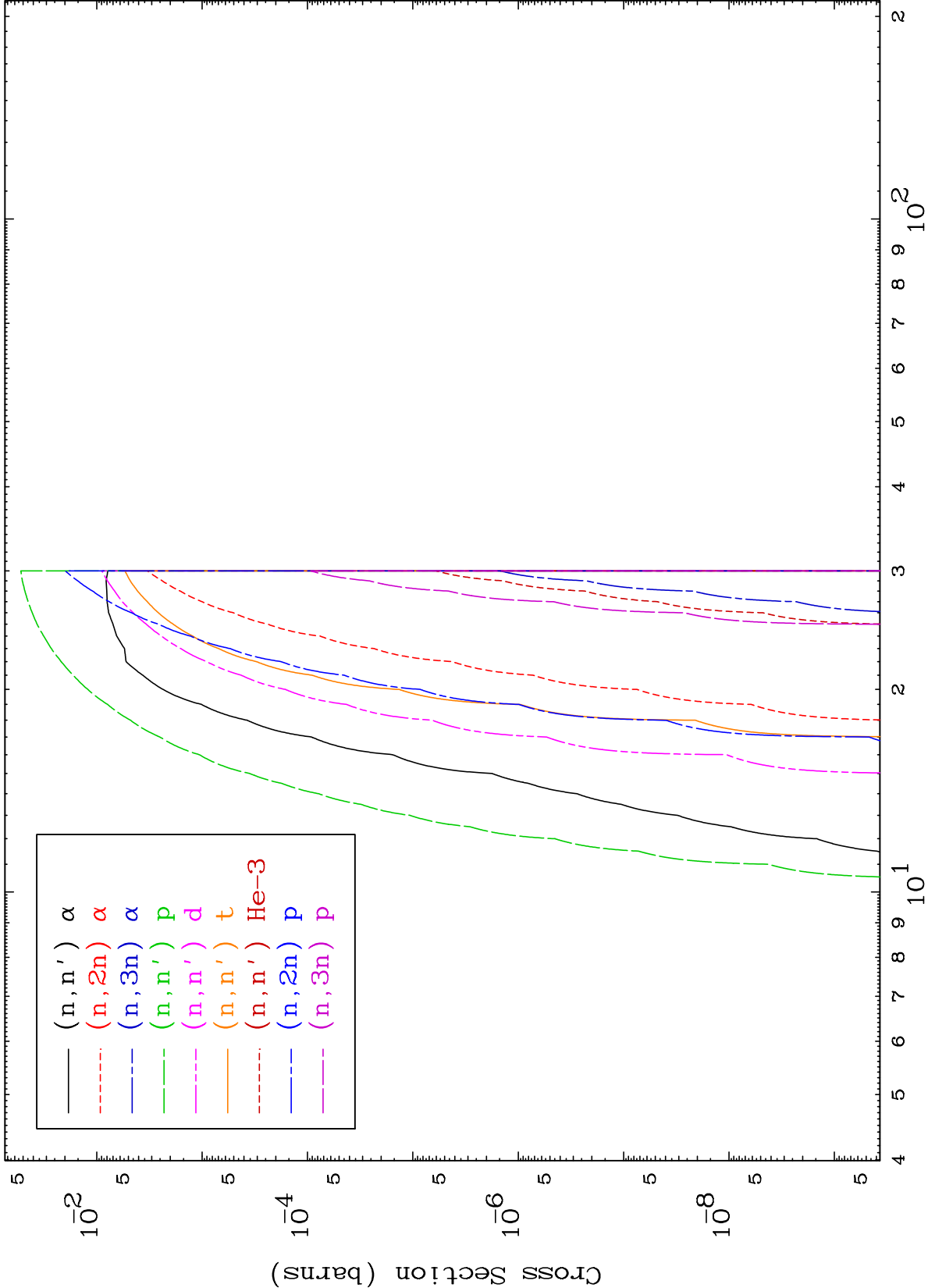
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

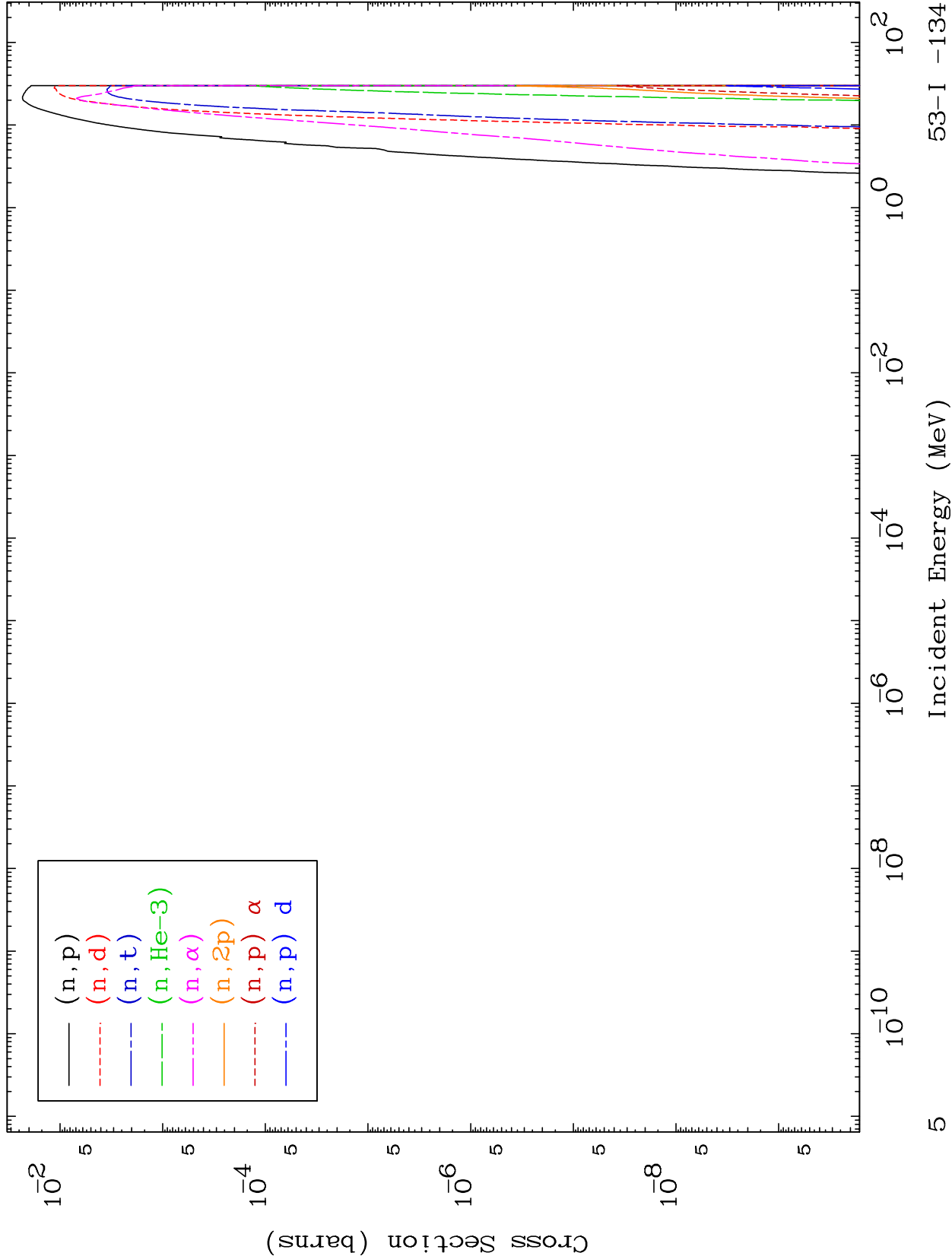
Press Mouse Button to Start







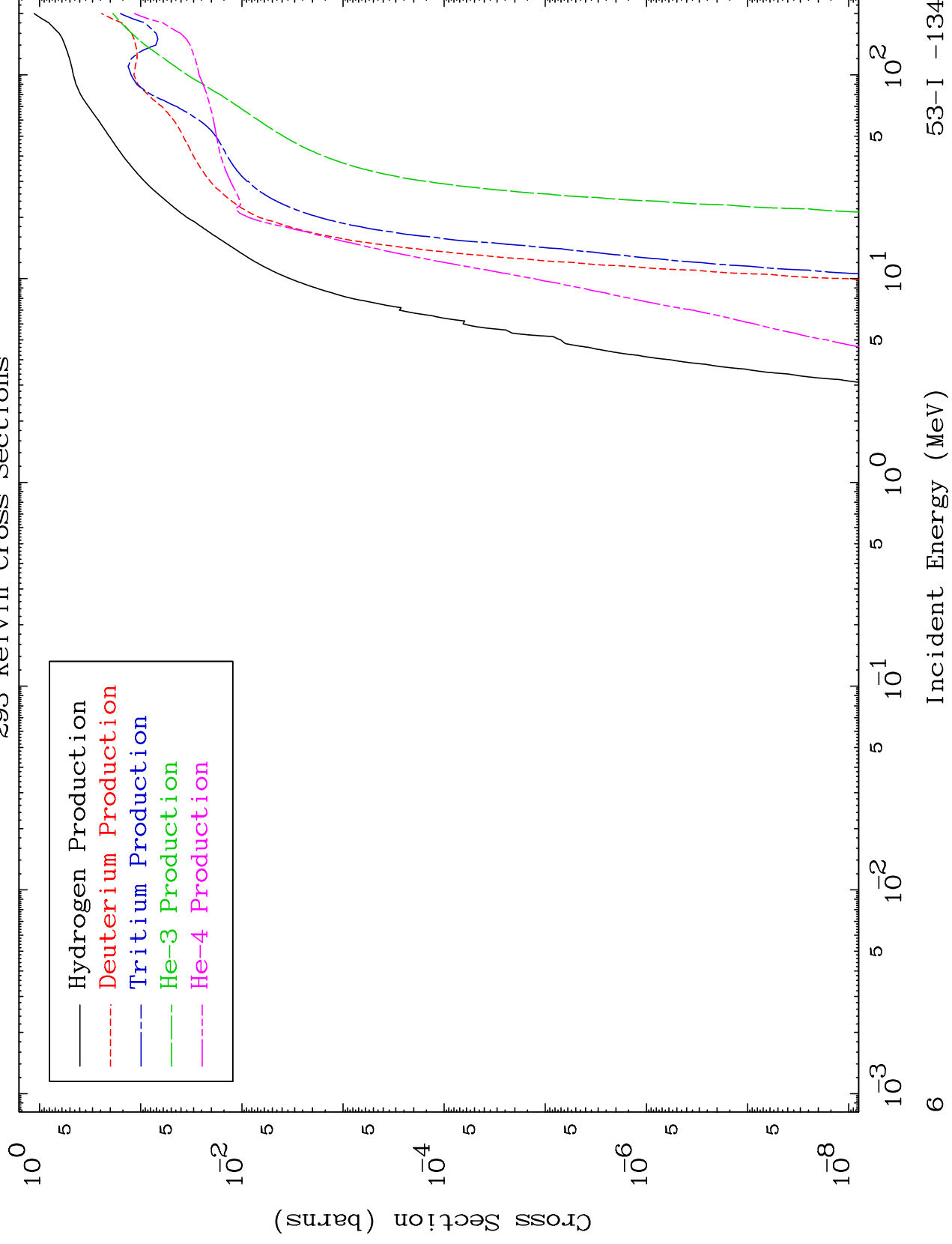


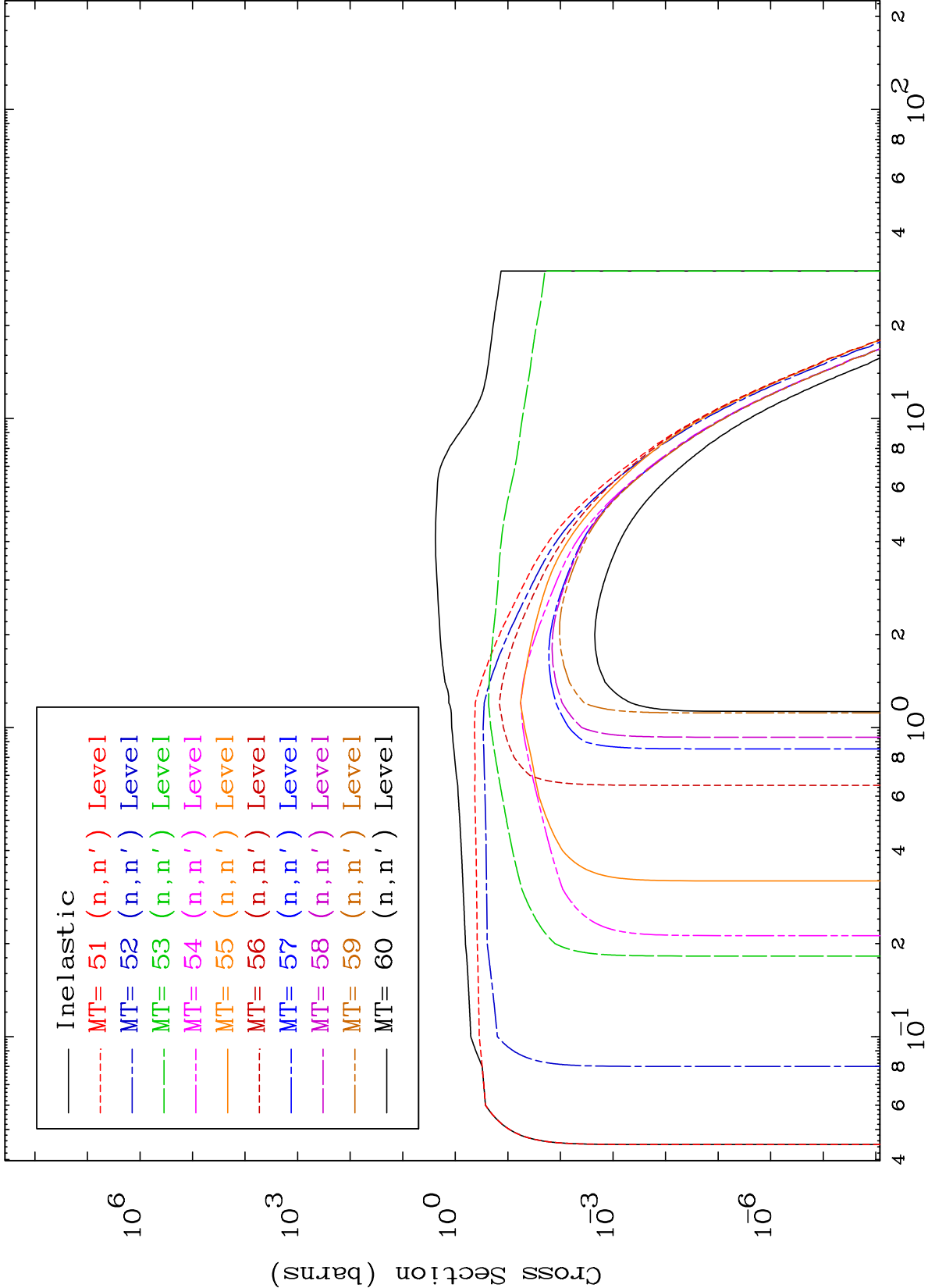


MAT 5346

Particle Production
293 Kelvin Cross Sections

53-I -134



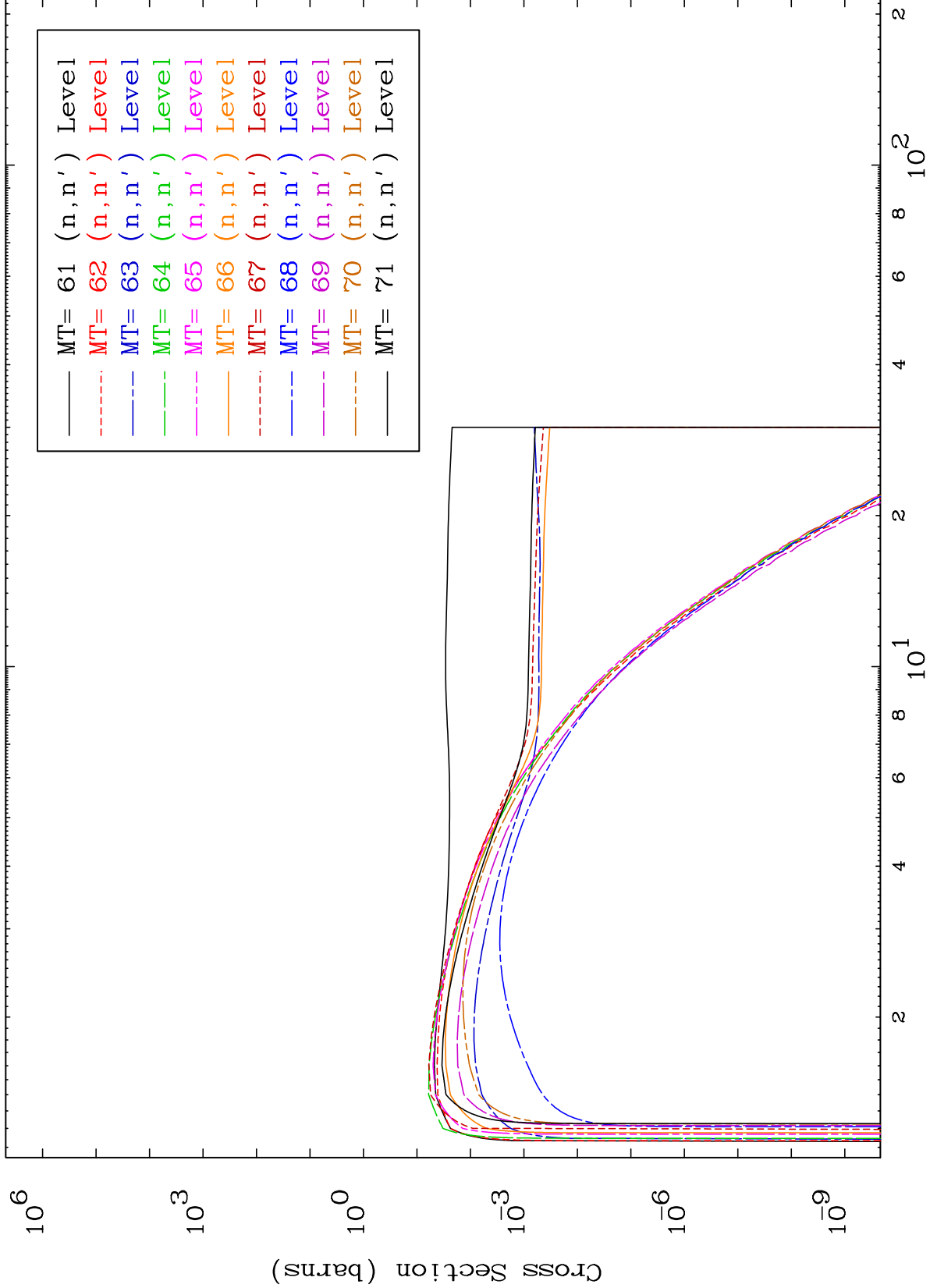


MAT 5346

(n,n') Level

53-I -134

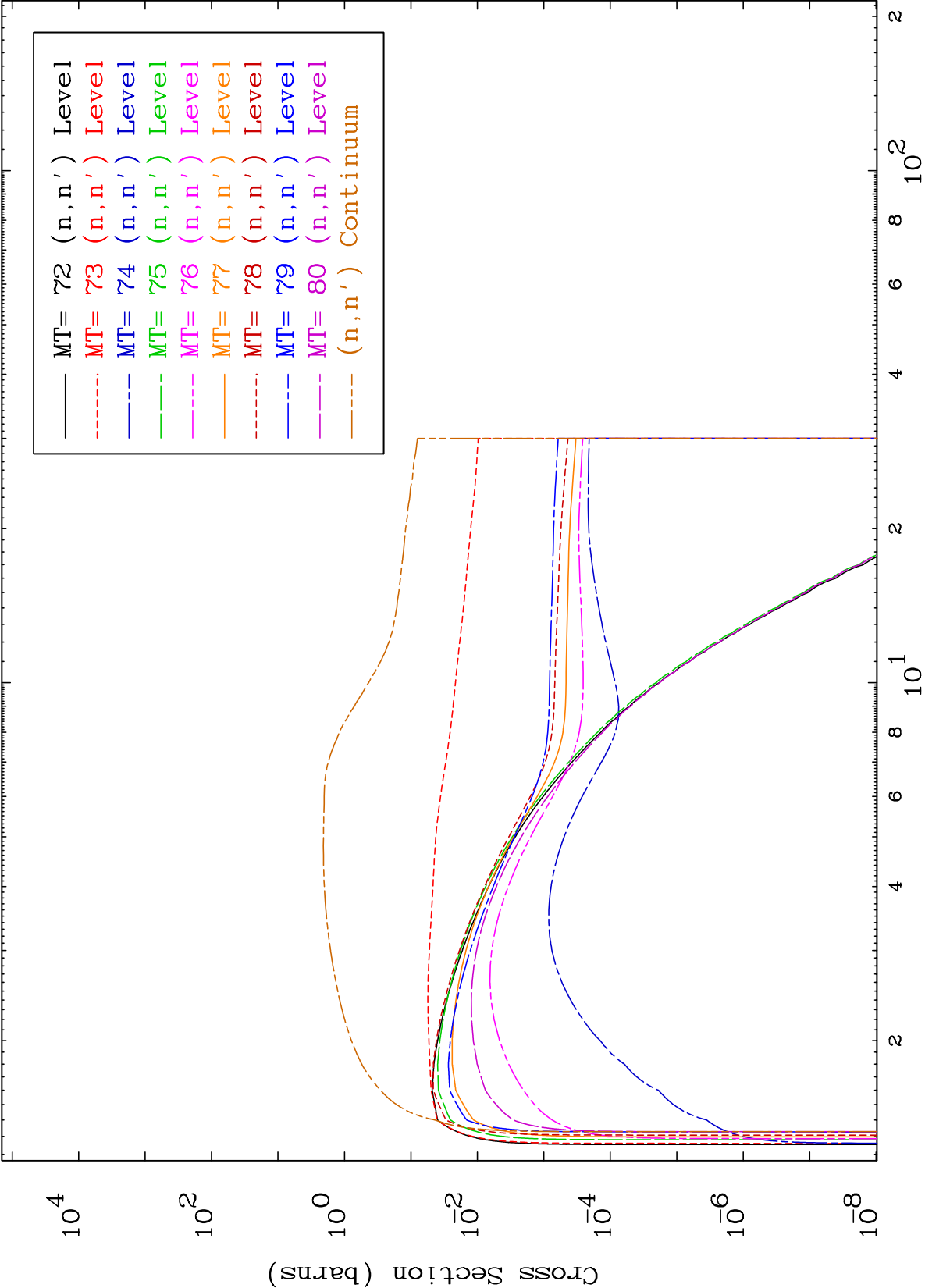
293 Kelvin Cross Sections



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Incident Energy (MeV)

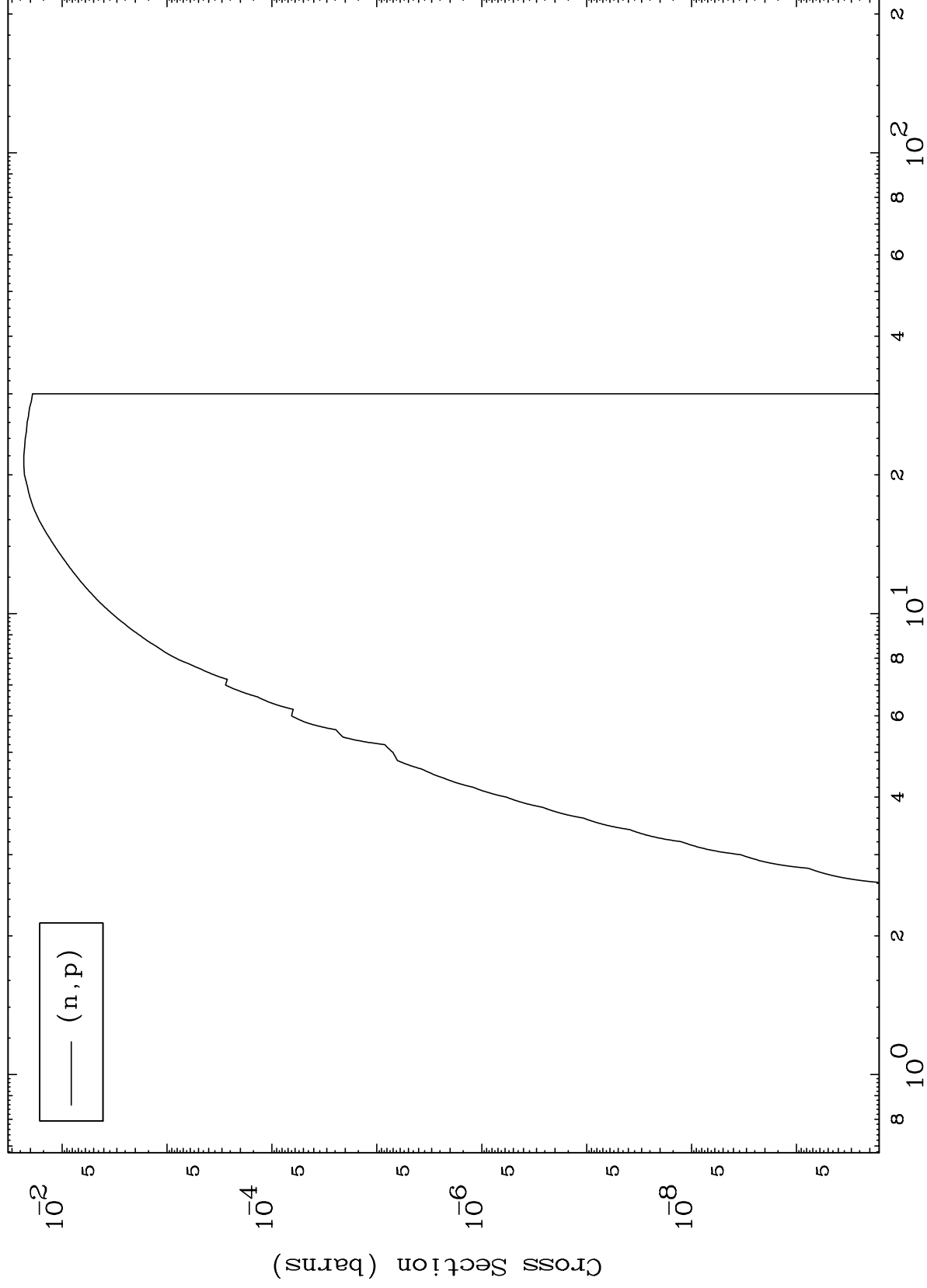
53-I -134



MAT 5346

53-I -134

(n,p) Levels
293 Kelvin Cross Sections



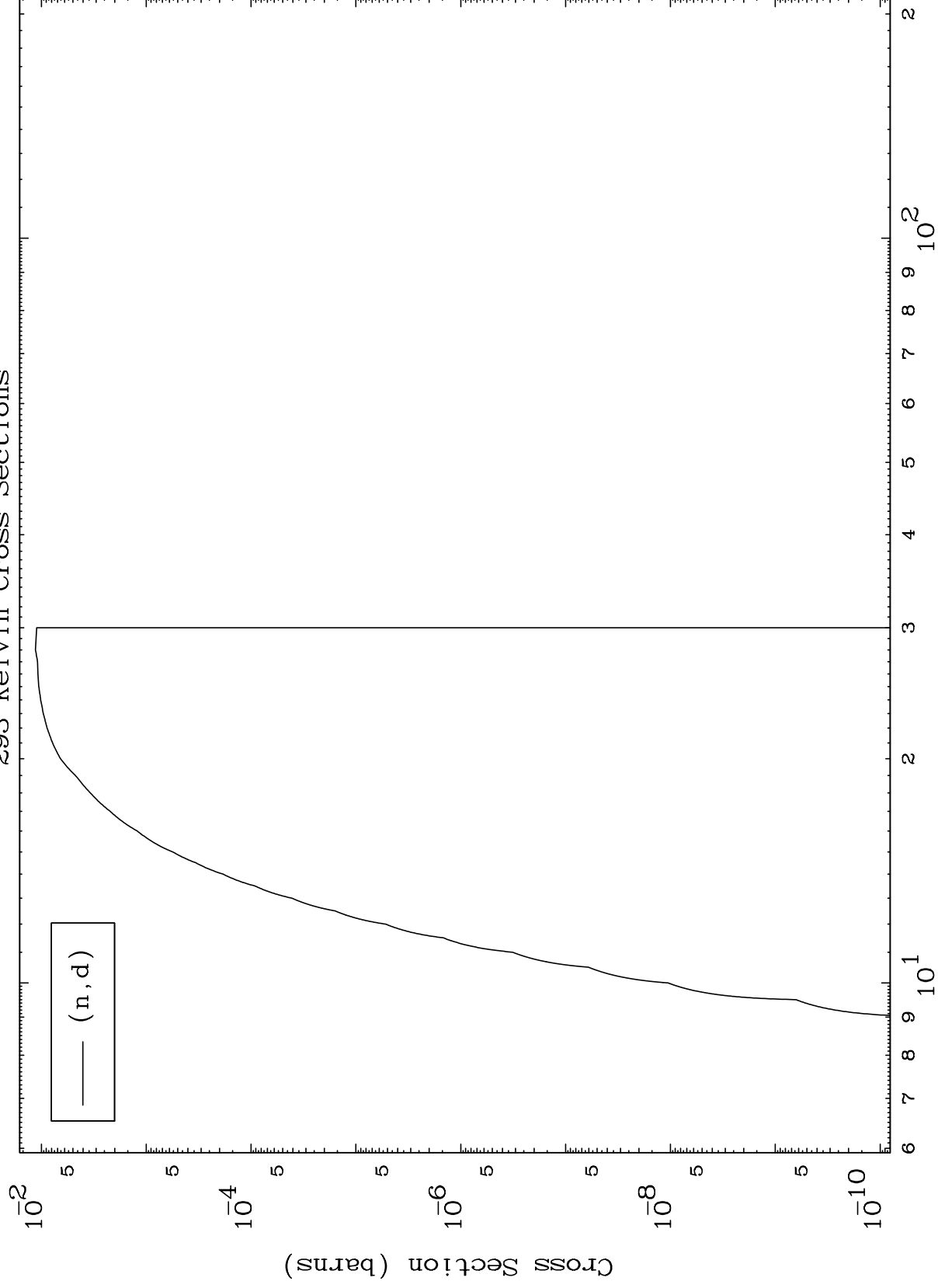
53-I -134

Incident Energy (MeV)

MAT 5346

53-I -134

(n,d) Levels
293 Kelvin Cross Sections



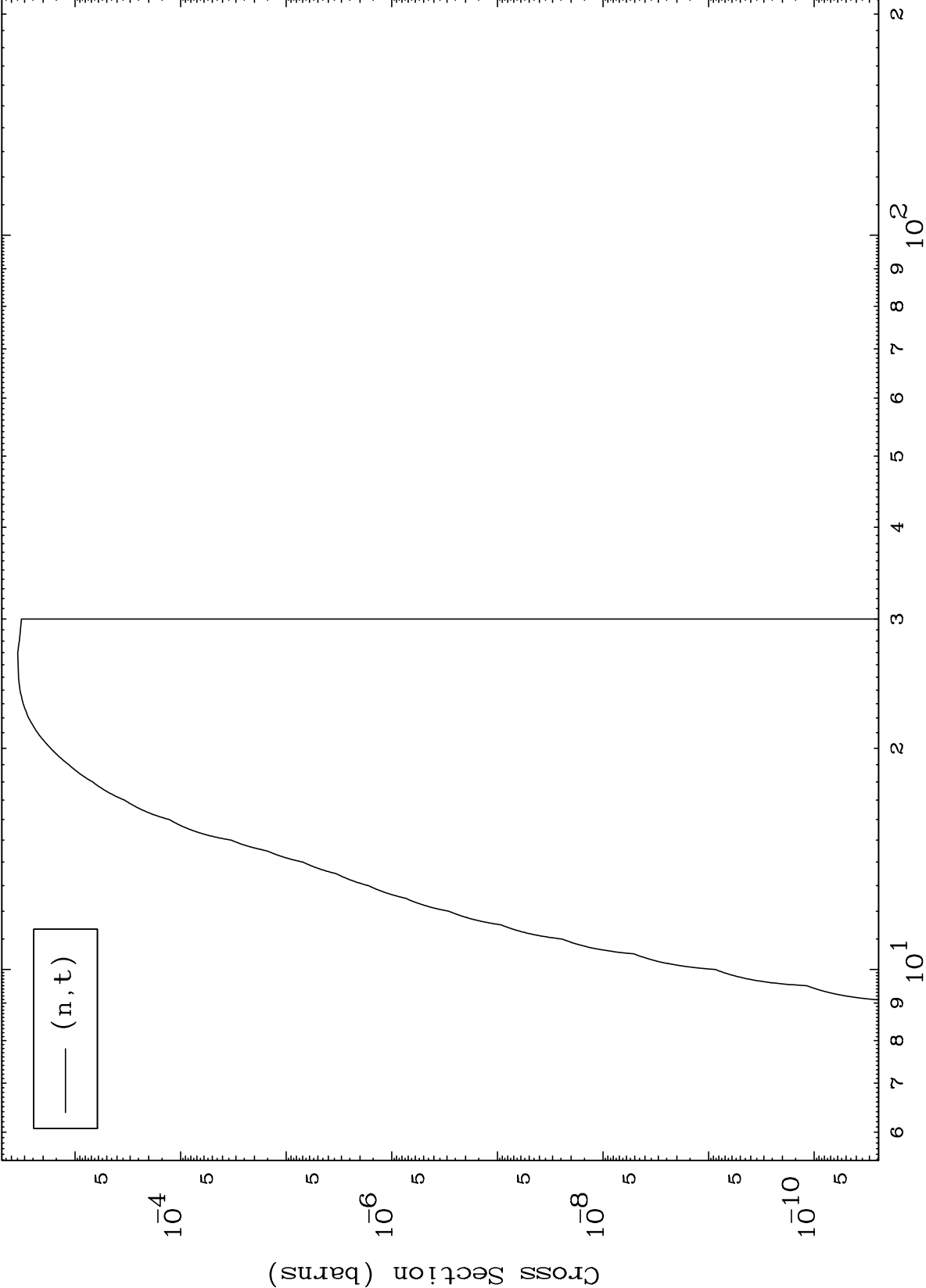
11

53-I -134

MAT 5346

(n,t) Levels
293 Kelvin Cross Sections

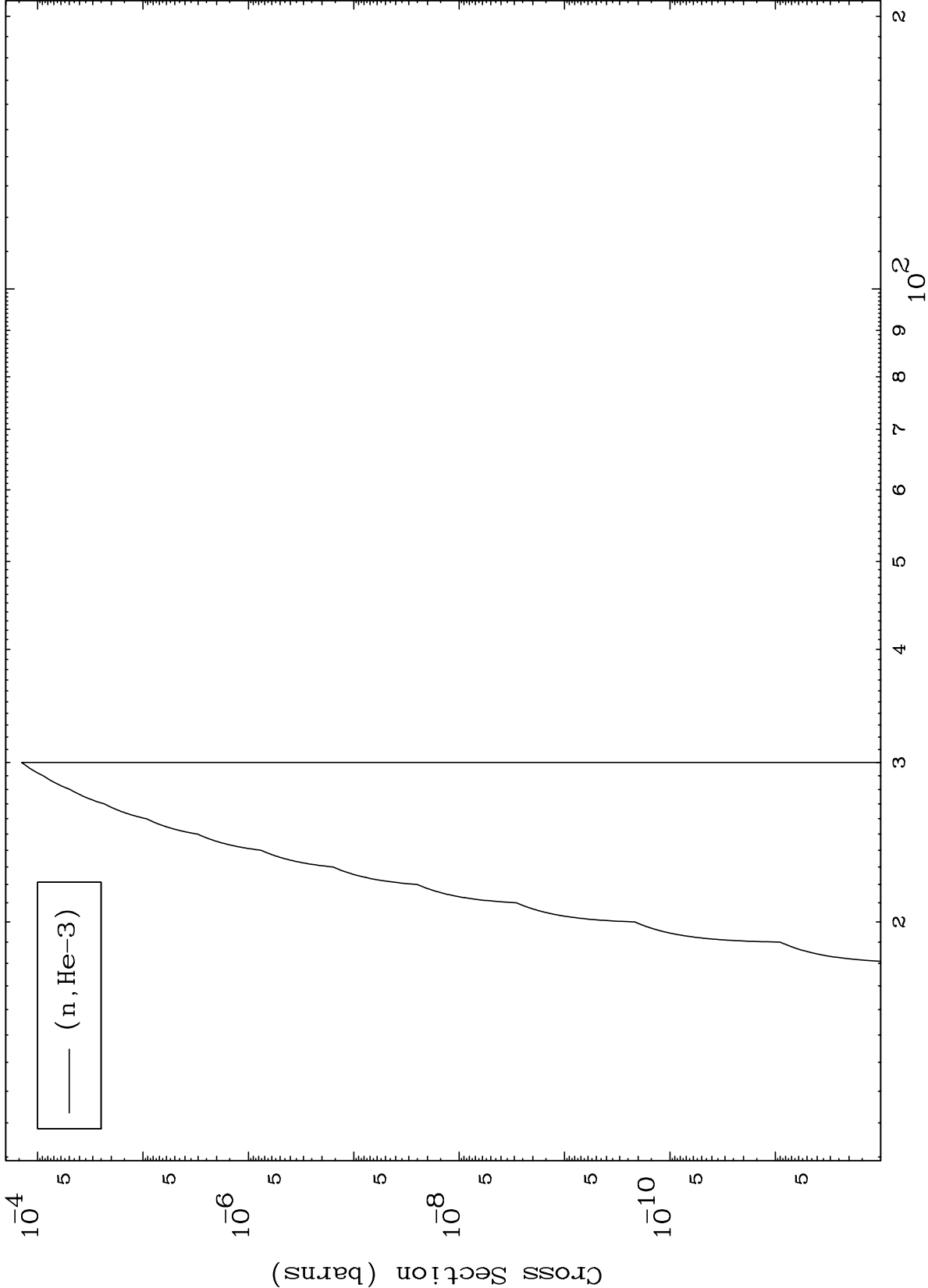
53-I -134



12

Incident Energy (MeV)

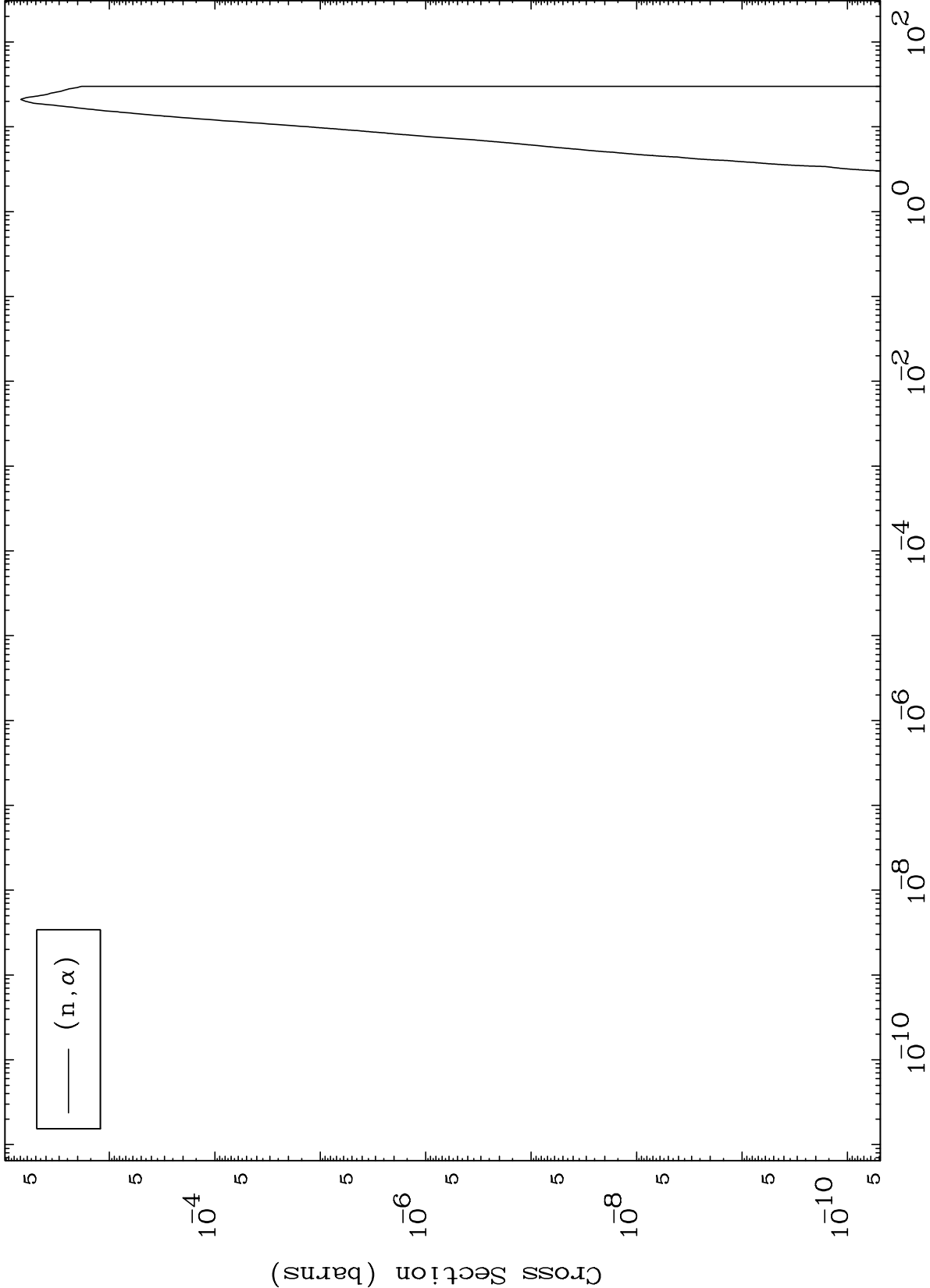
53-I -134



MAT 5346

(n, α) Levels
293 Kelvin Cross Sections

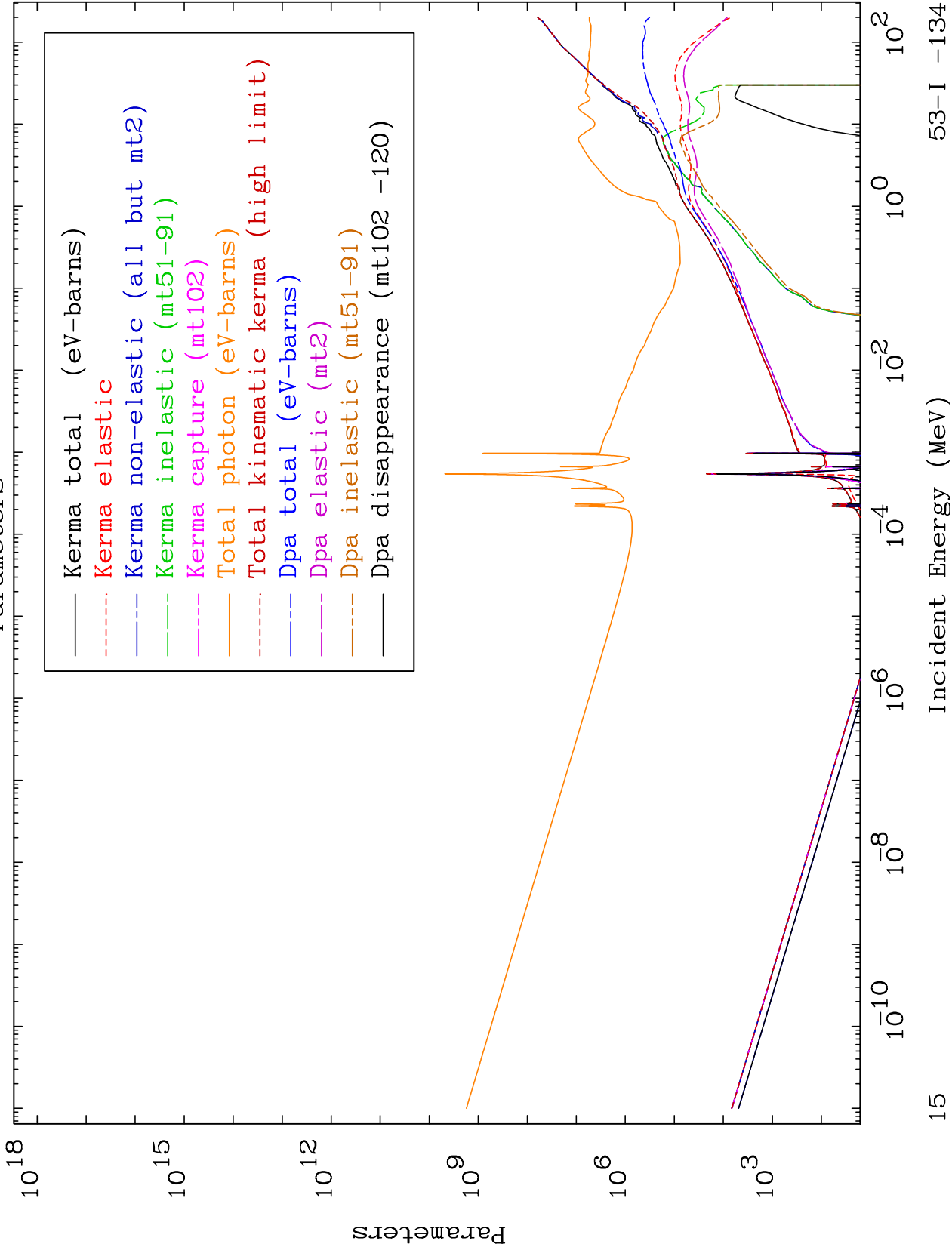
53-I -134

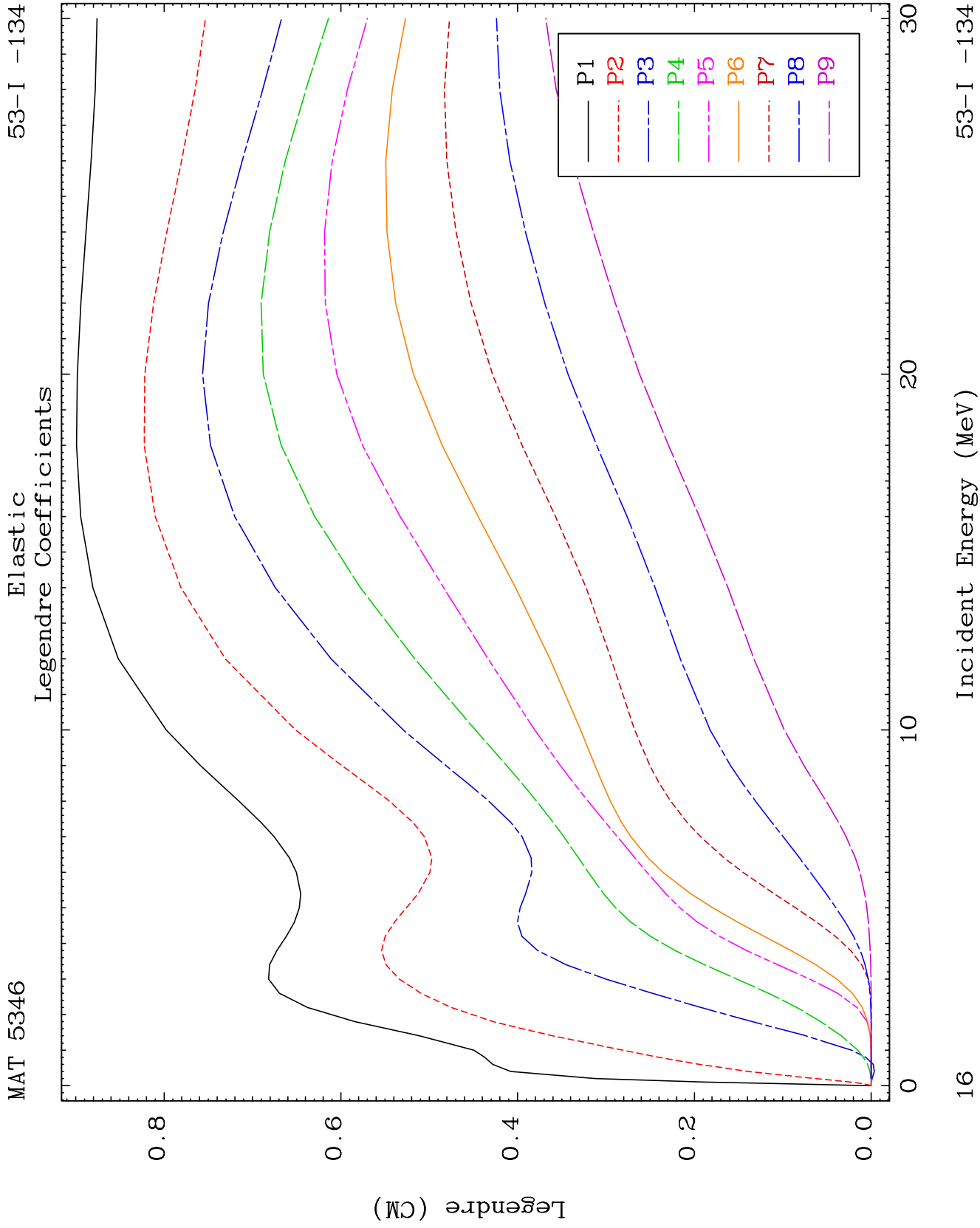


14

Incident Energy (MeV)

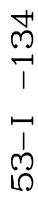
53-I -134





53-I -134

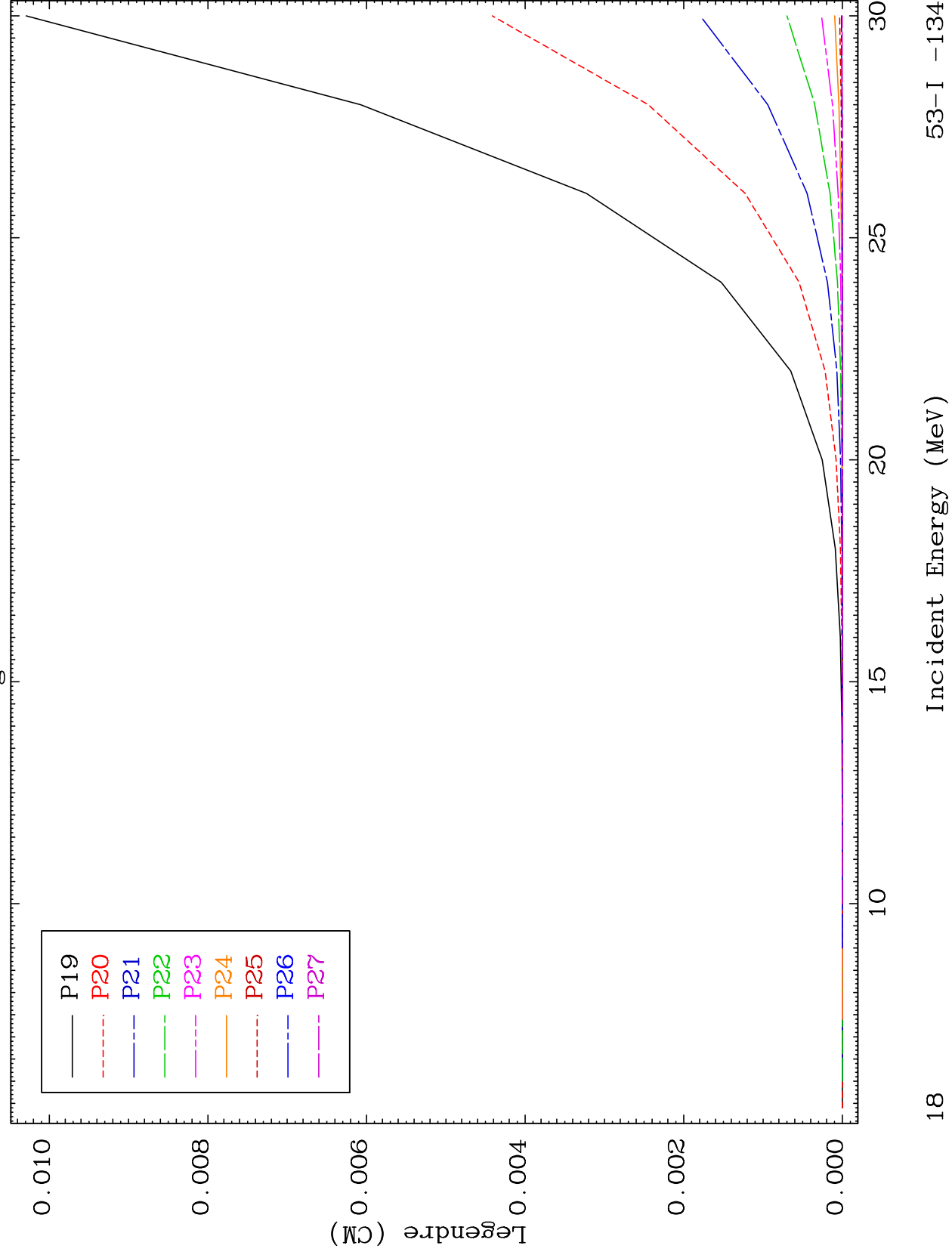
53-I -134

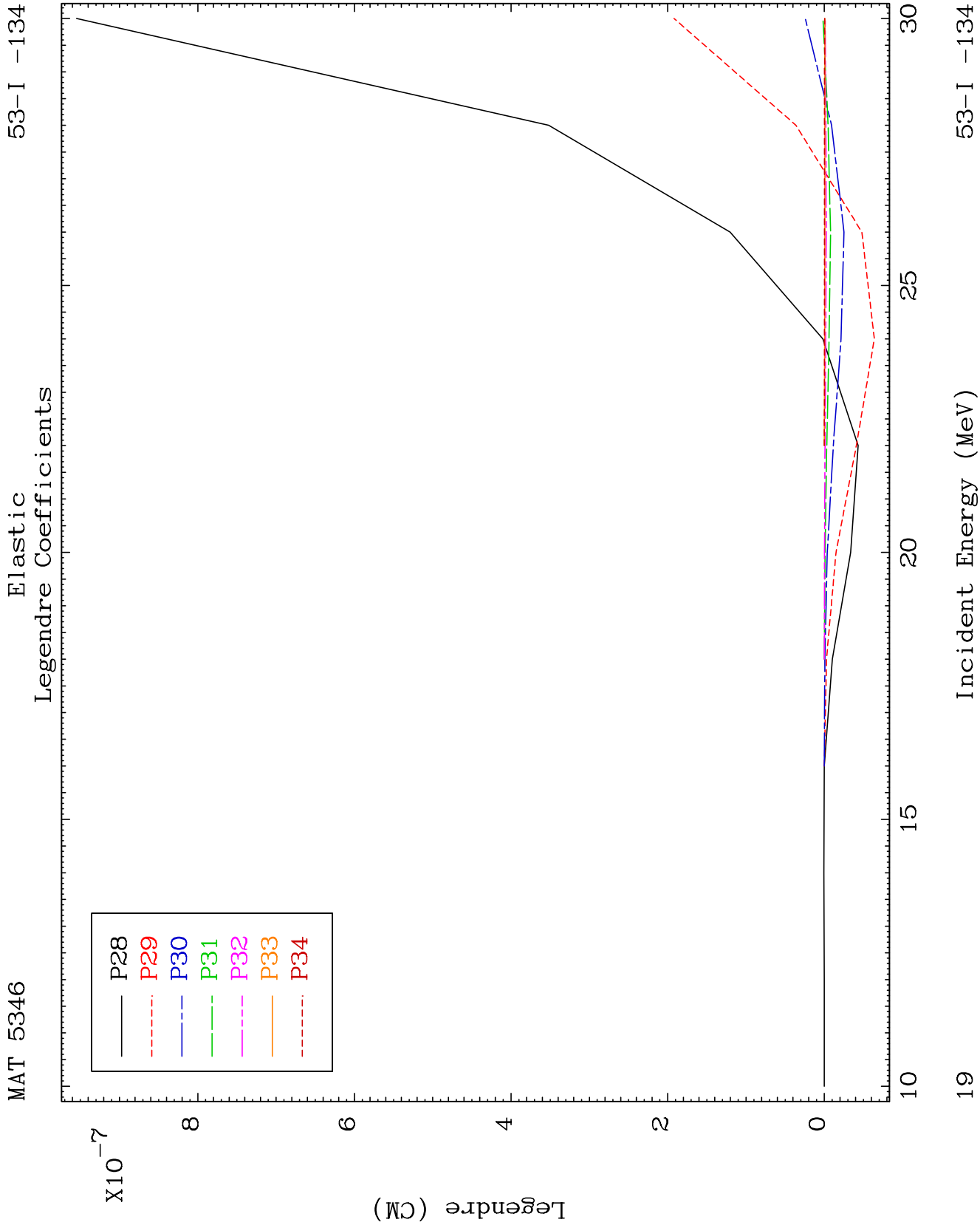


MAT 5346

Elastic Legendre Coefficients

53-I -134

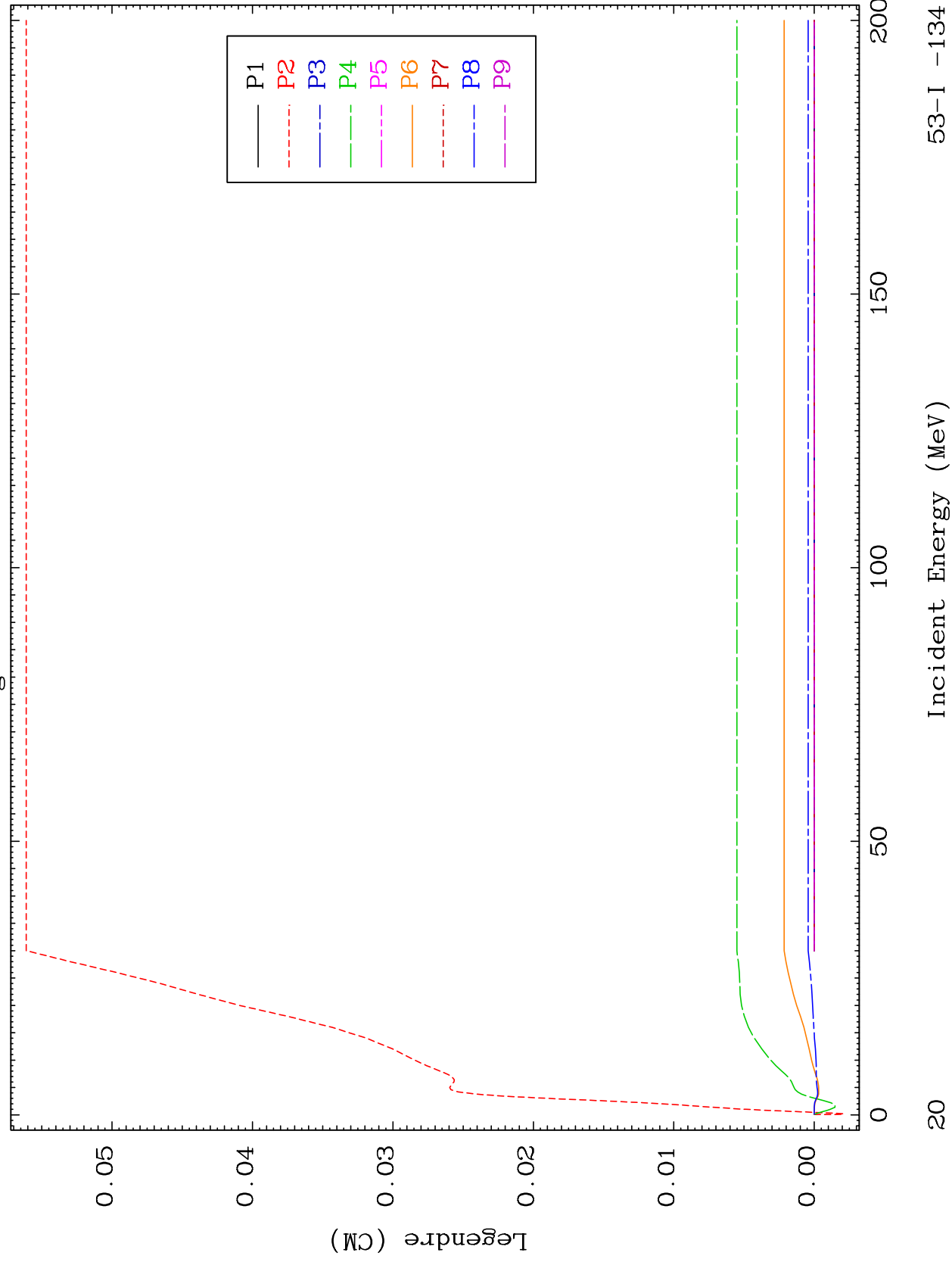




MAT 5346

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

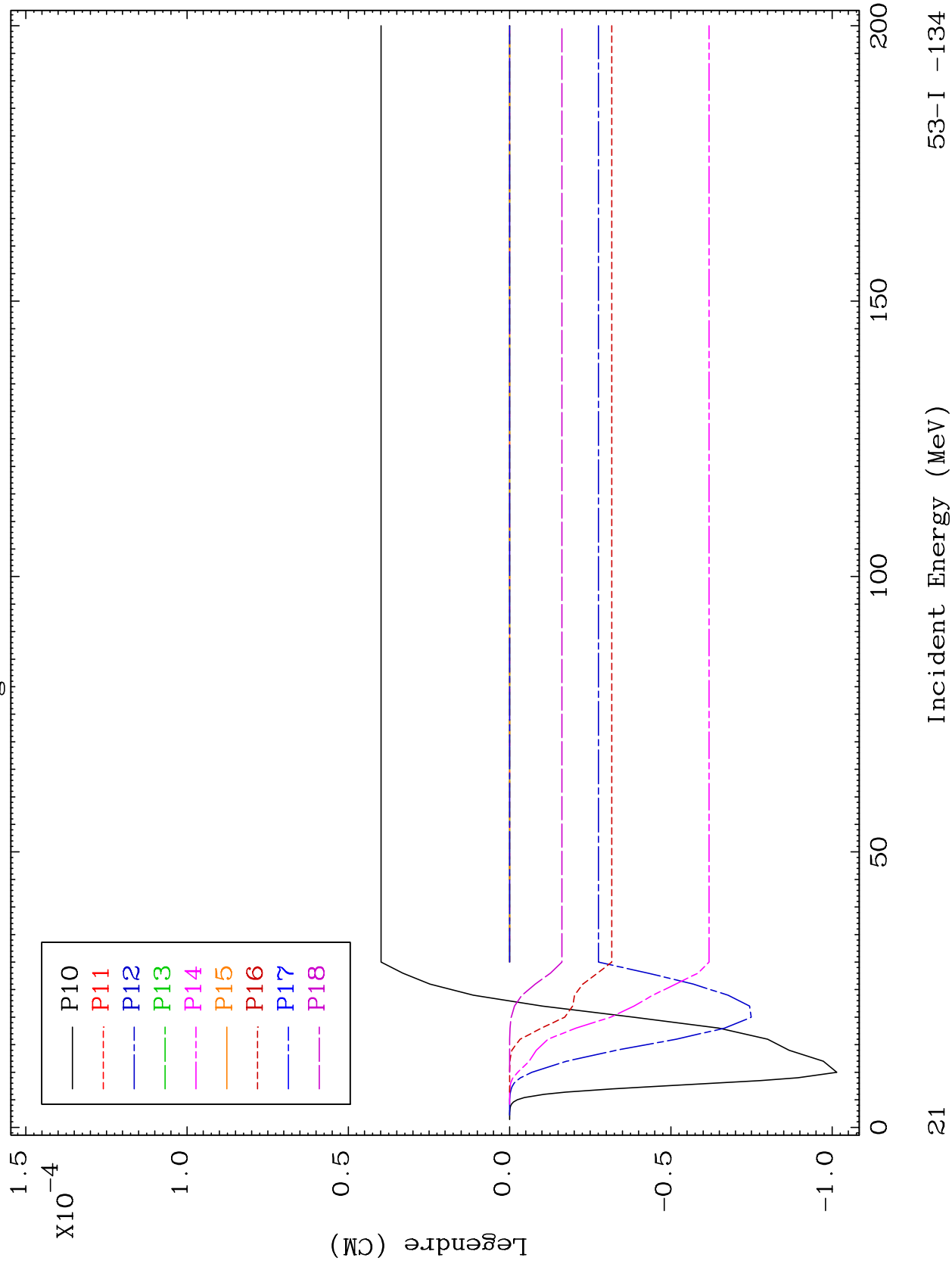
53-I -134

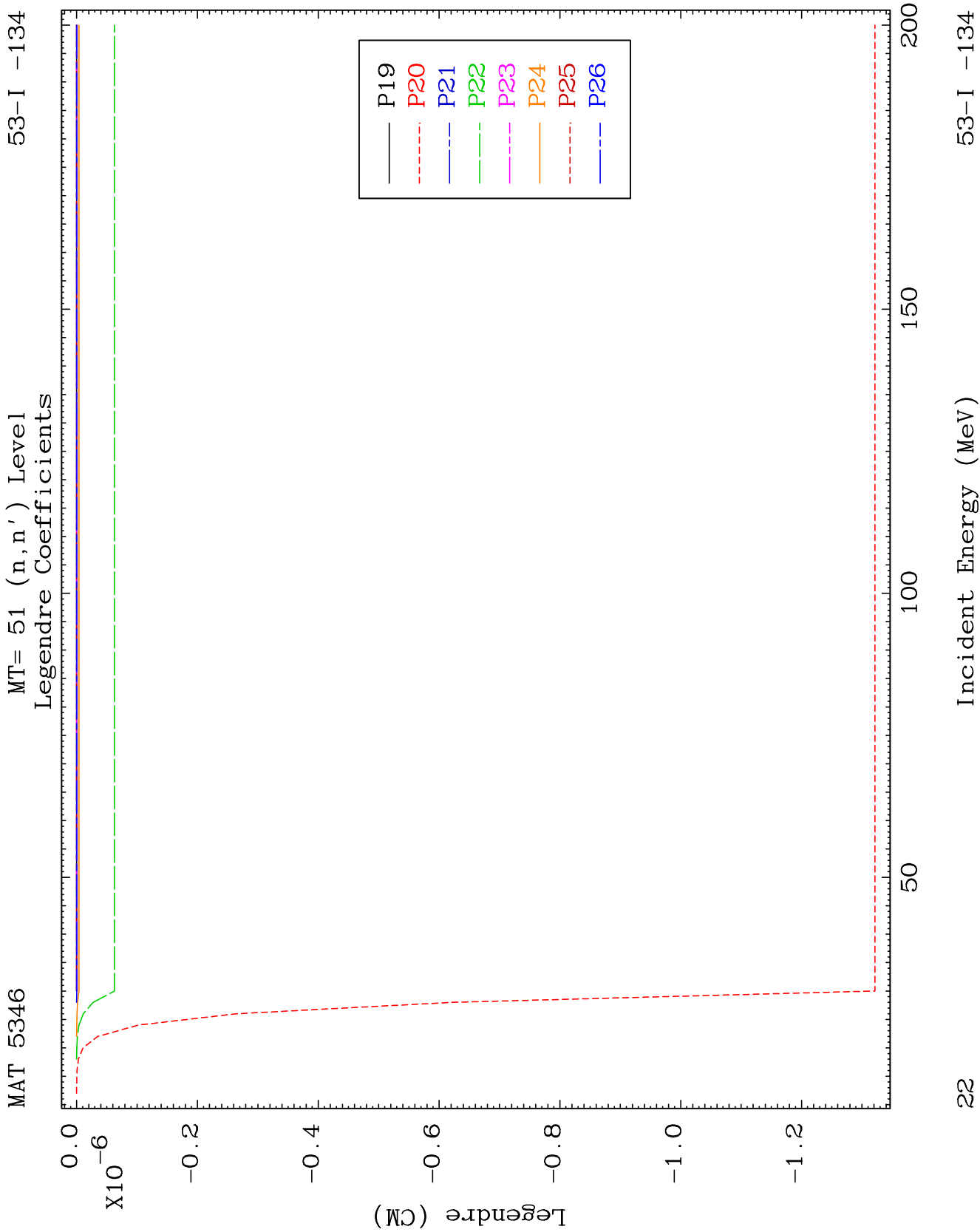


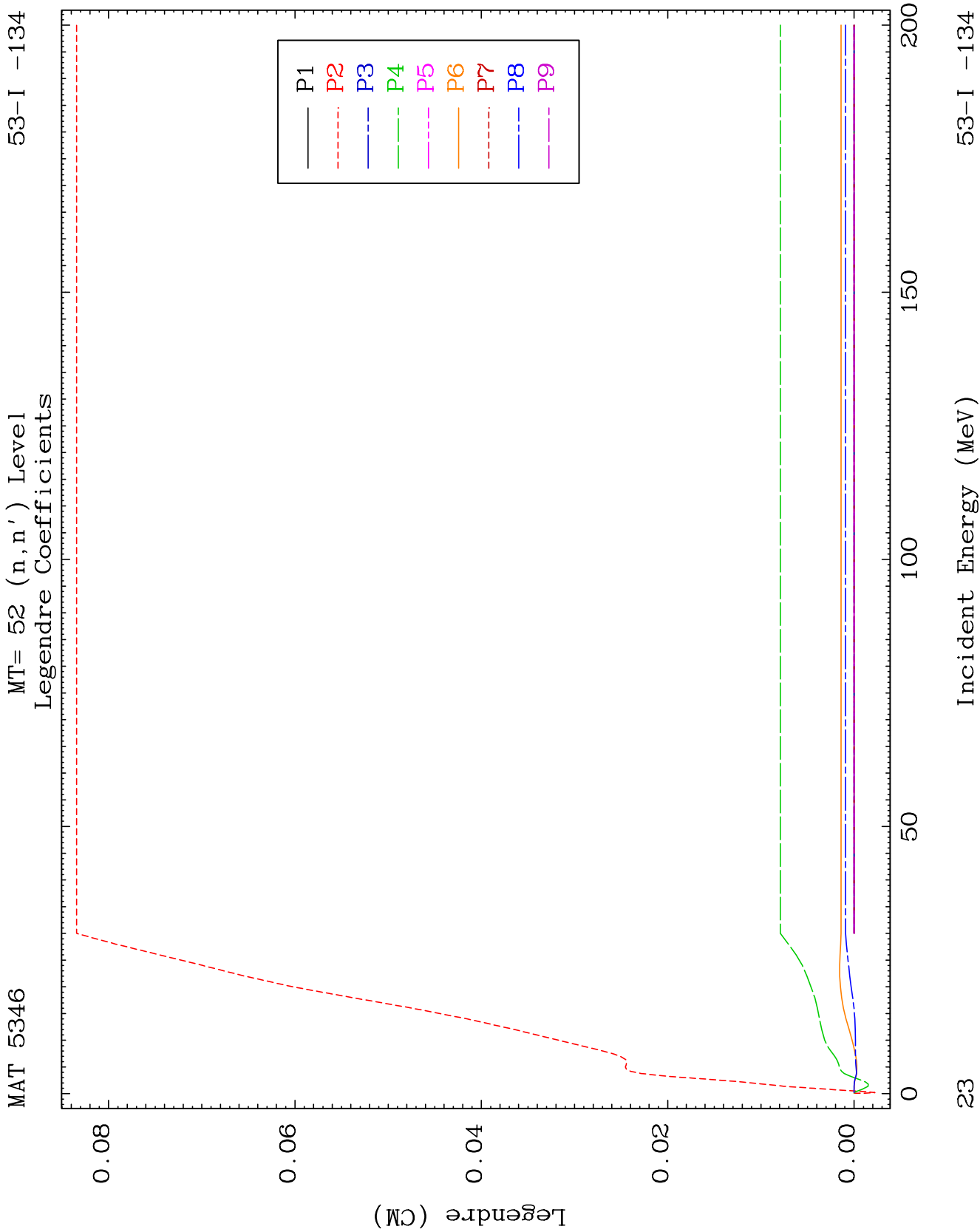
MAT 5346

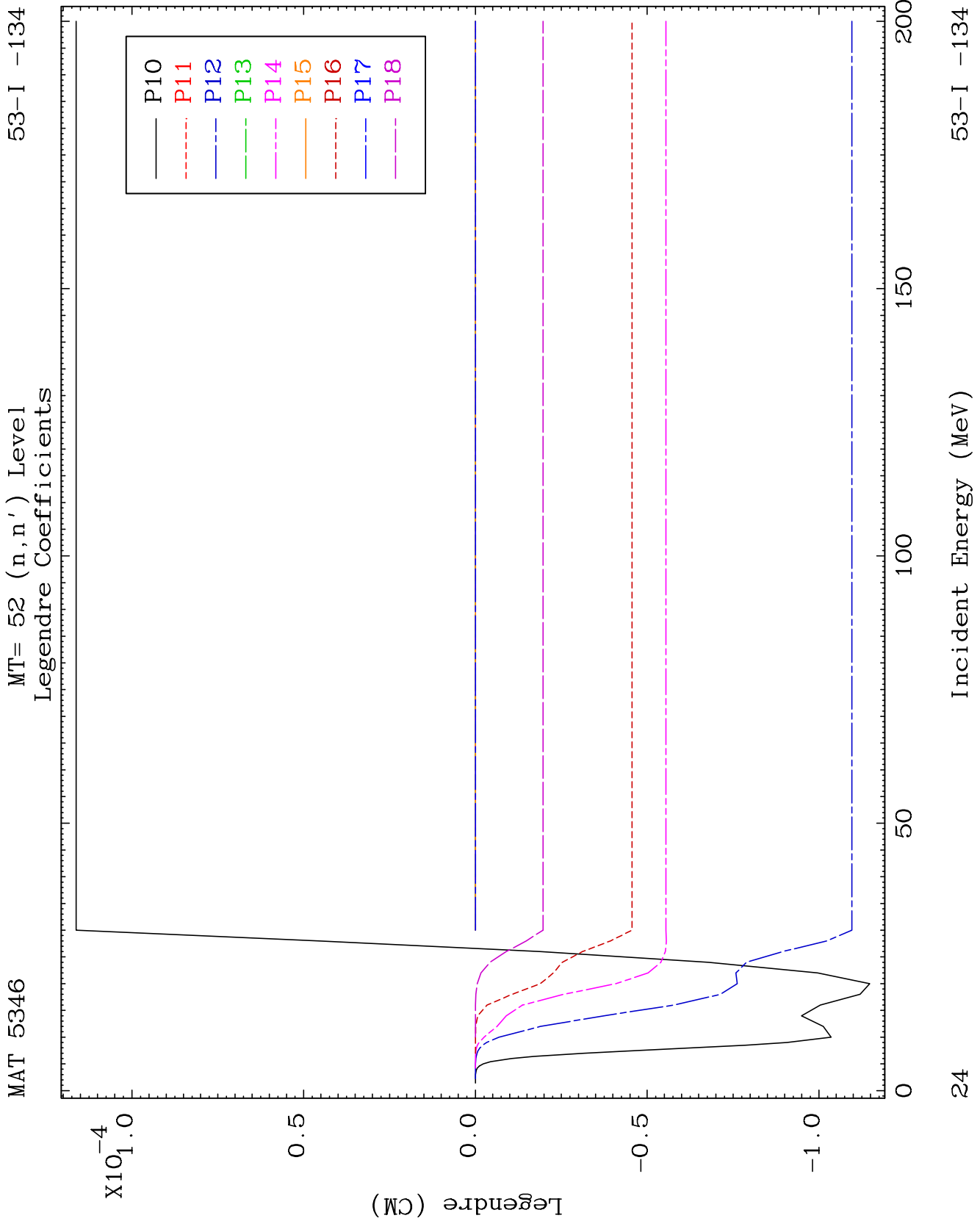
MT= 51 (n, n') Level
Legendre Coefficients

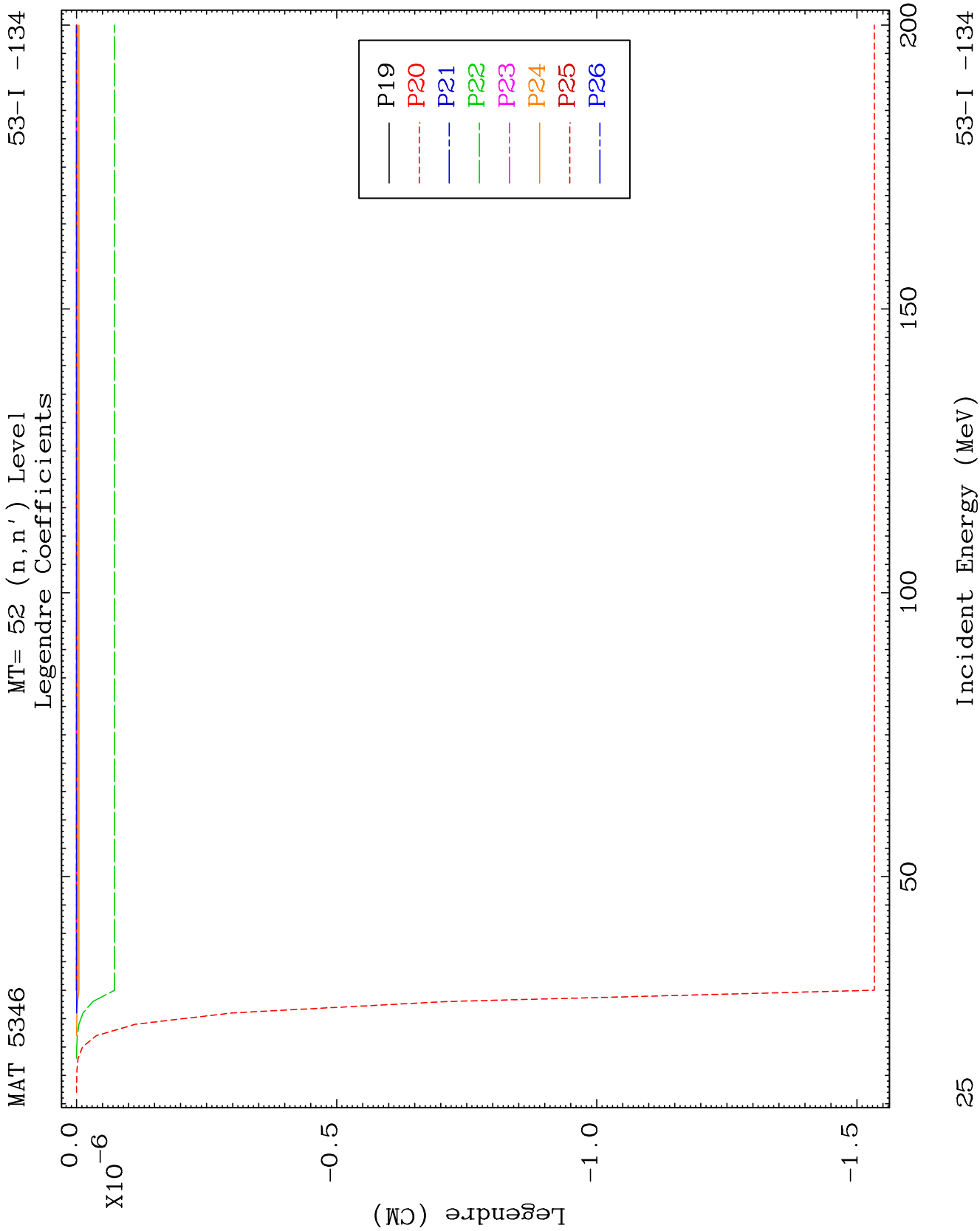
53-I -134

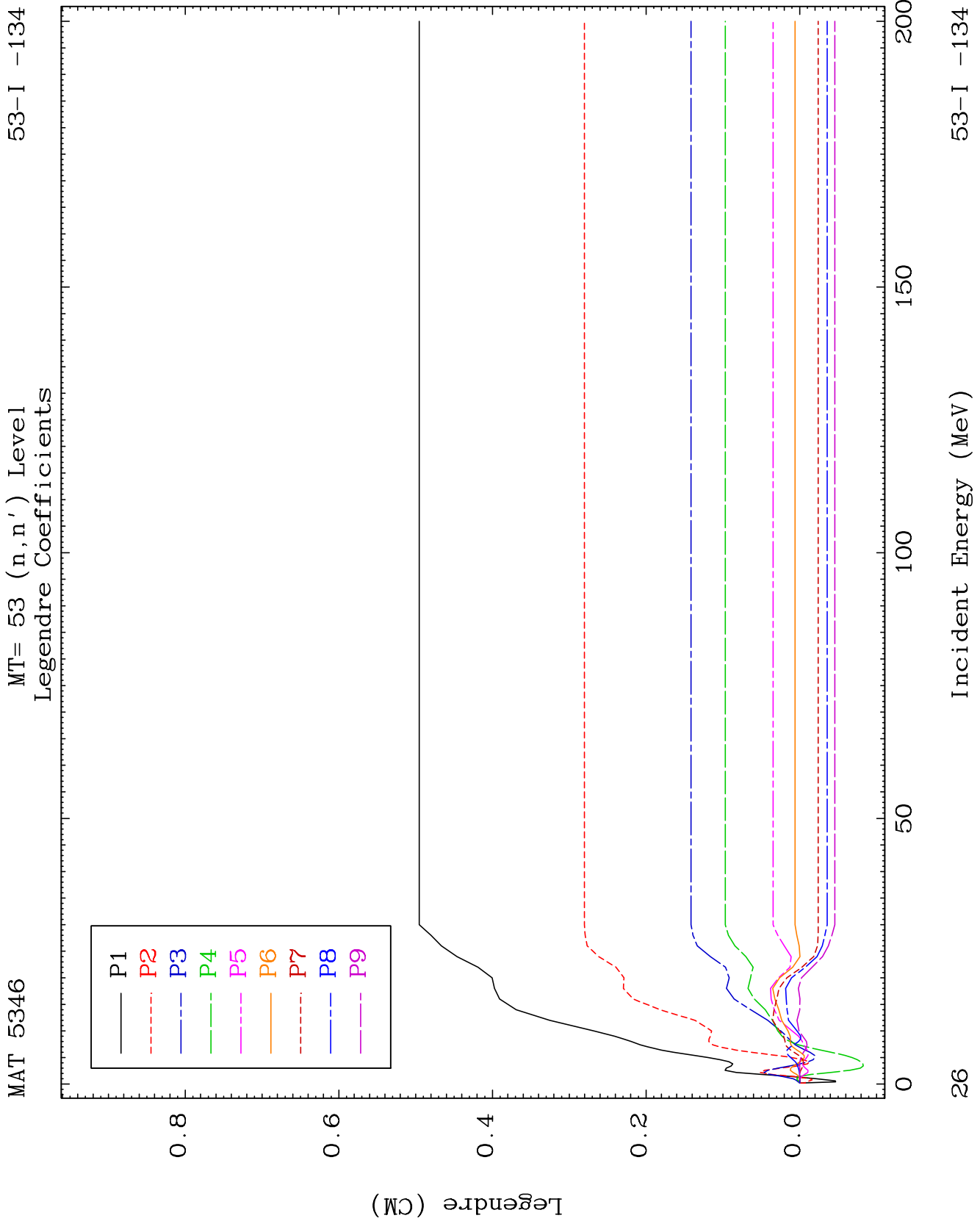








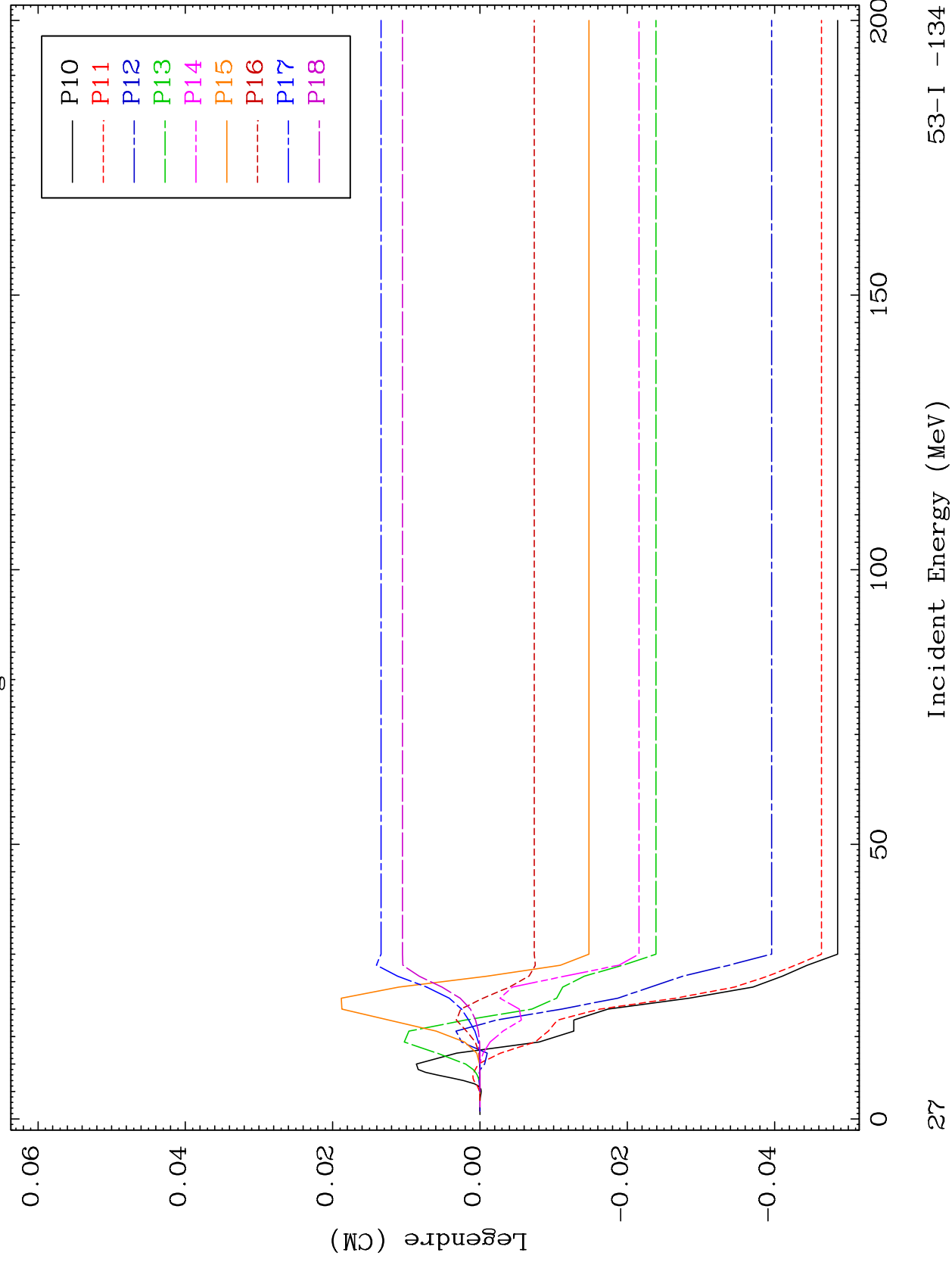




MAT 5346

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

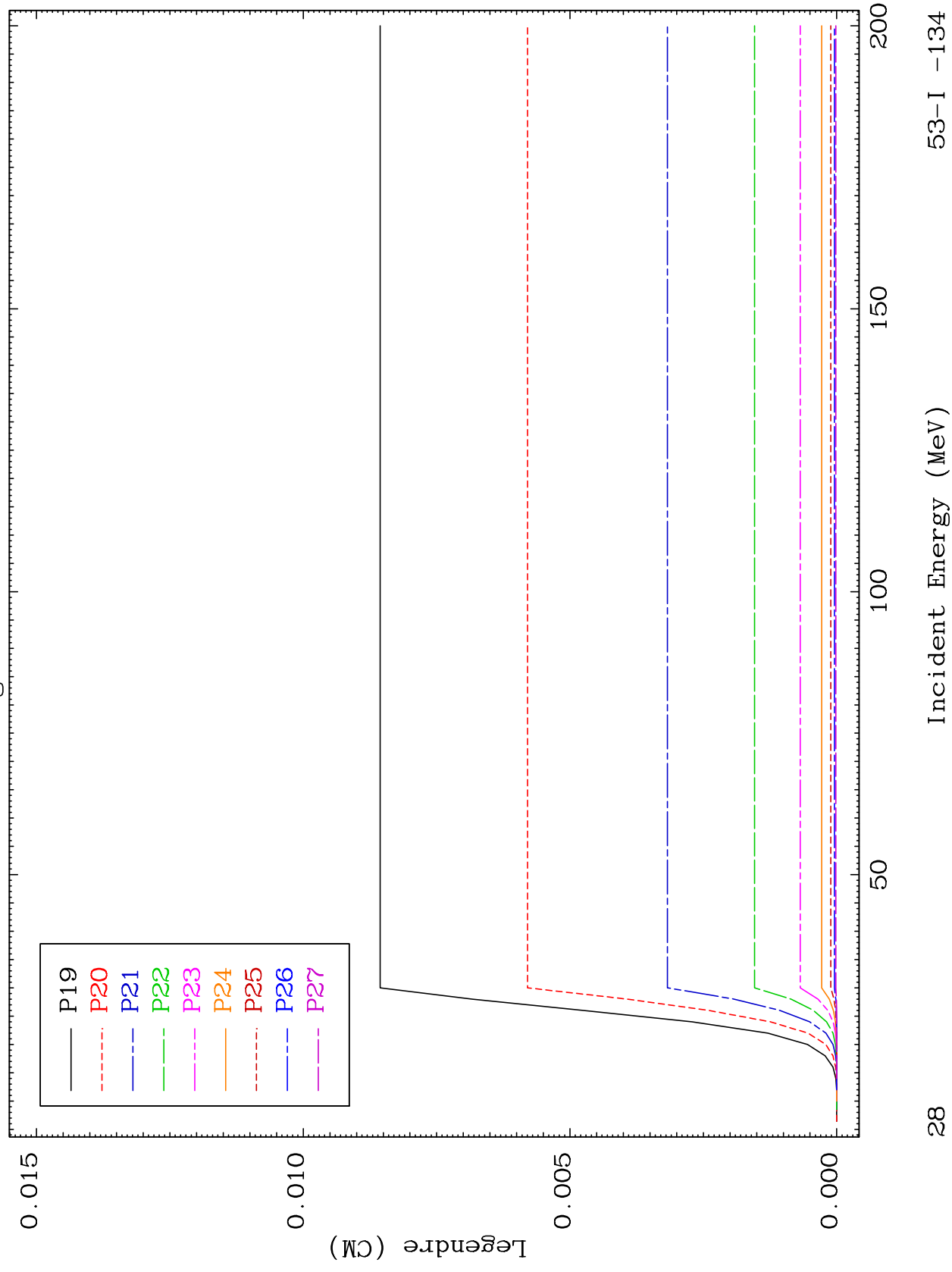
53-I -134

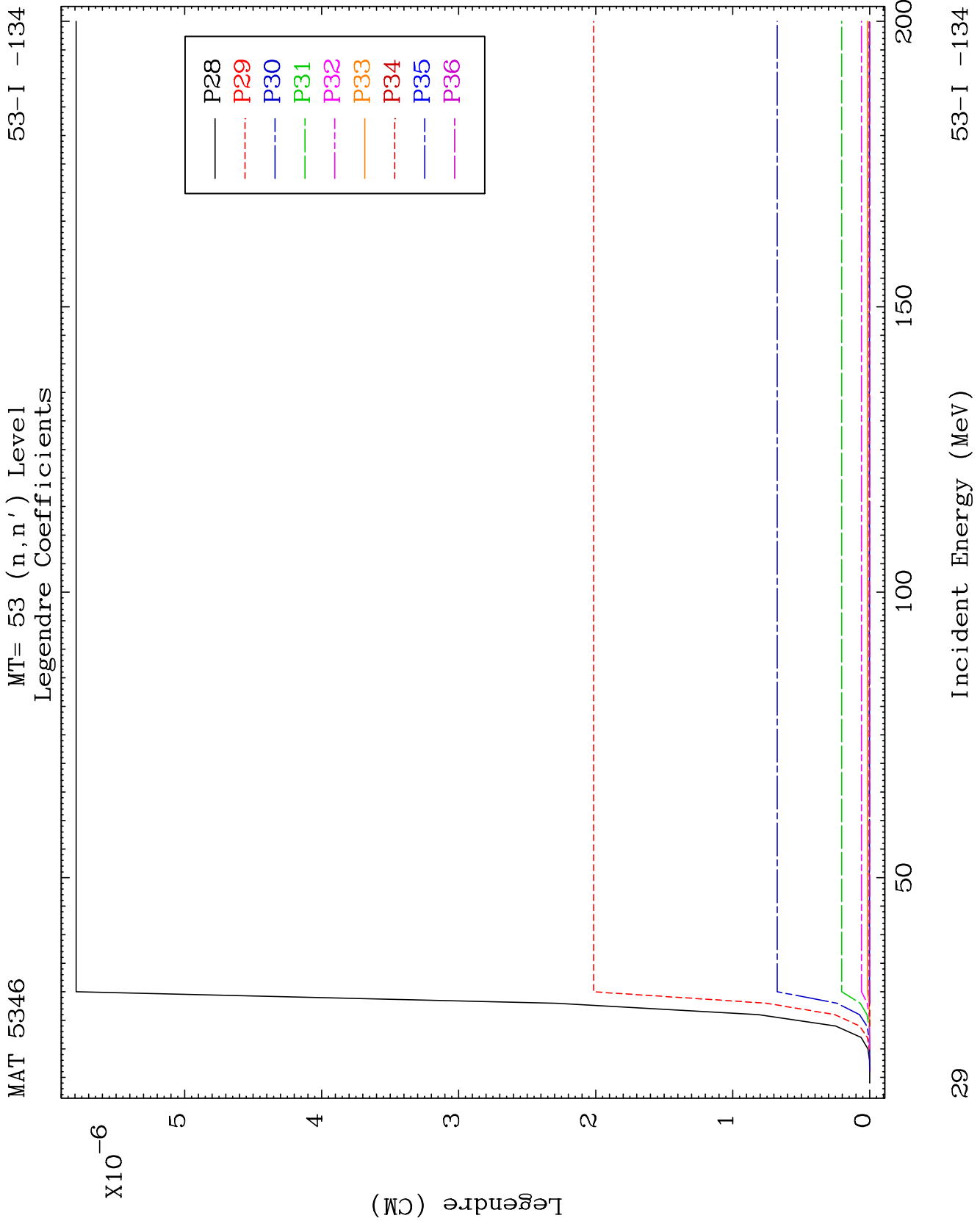


MAT 5346

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

53-I -134

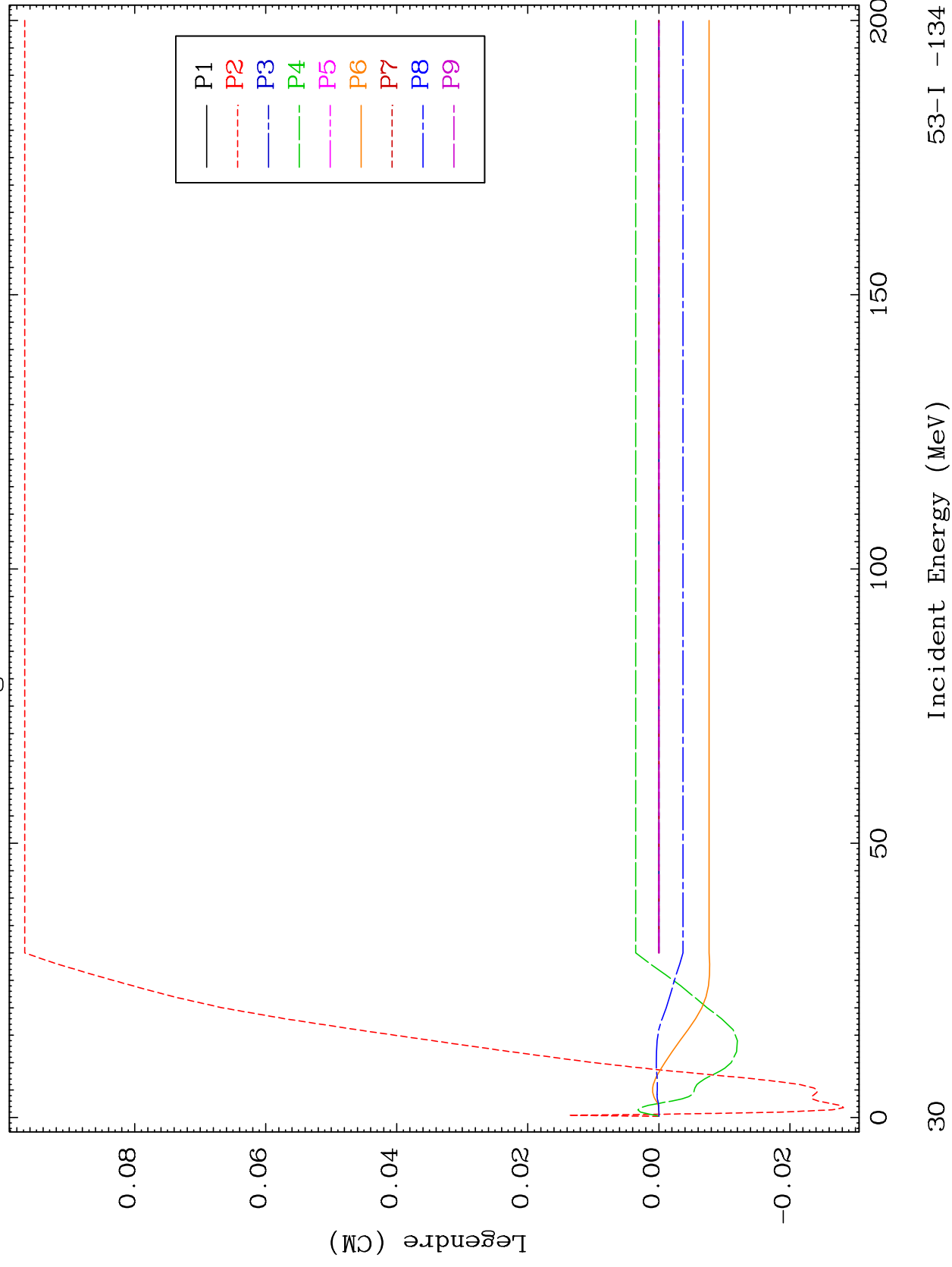


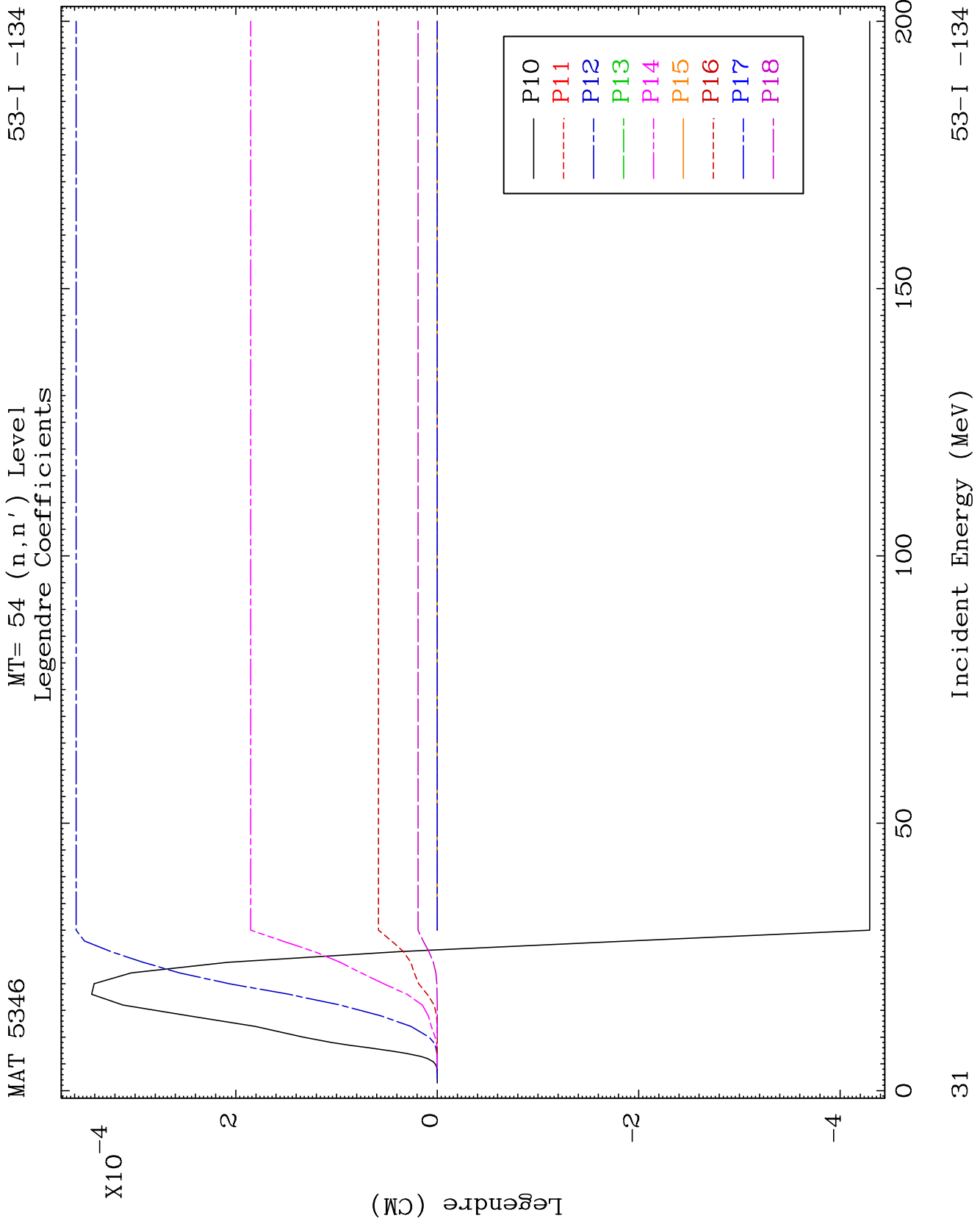


MAT 5346

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

53-I -134

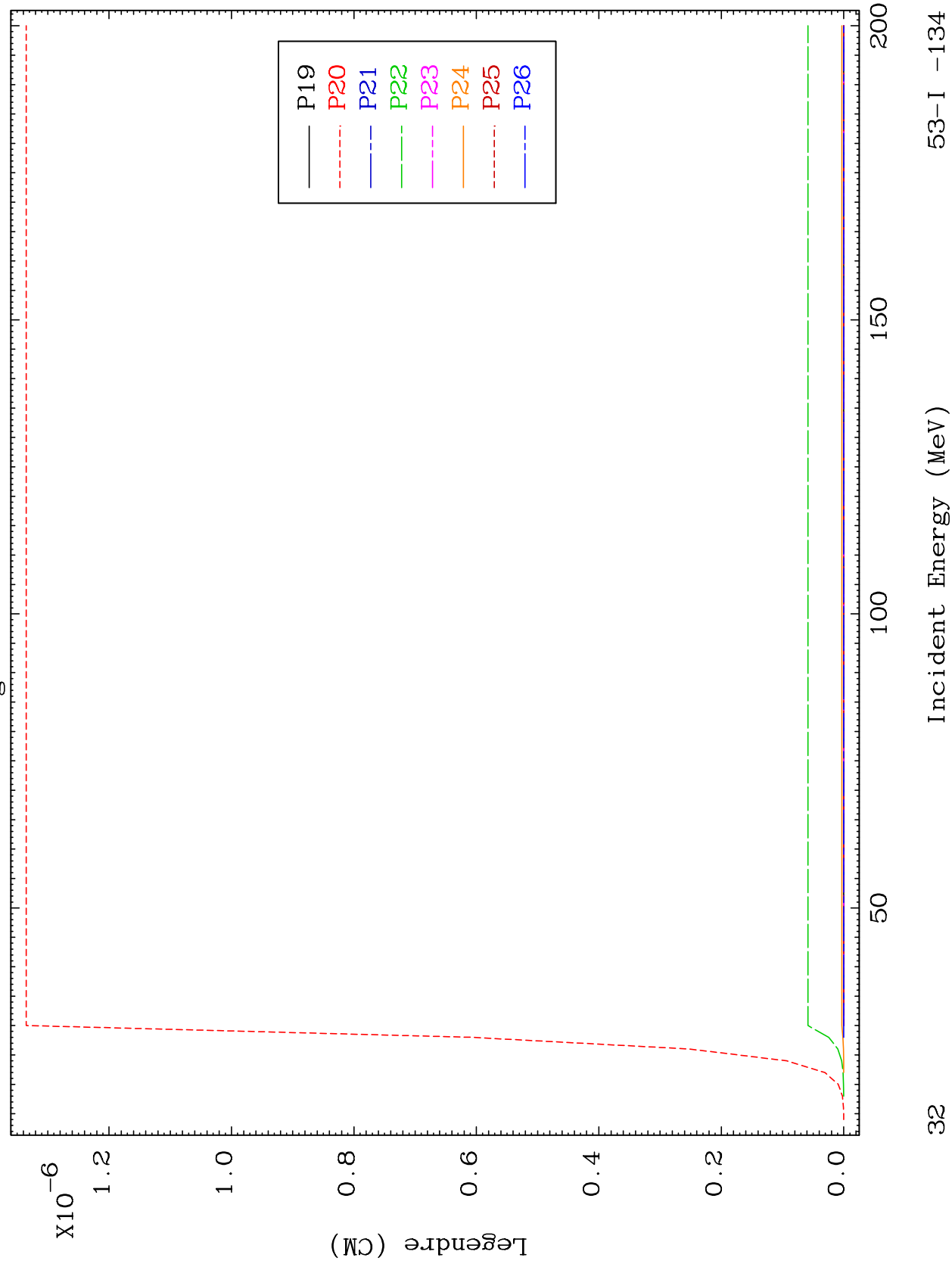




MAT 5346

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

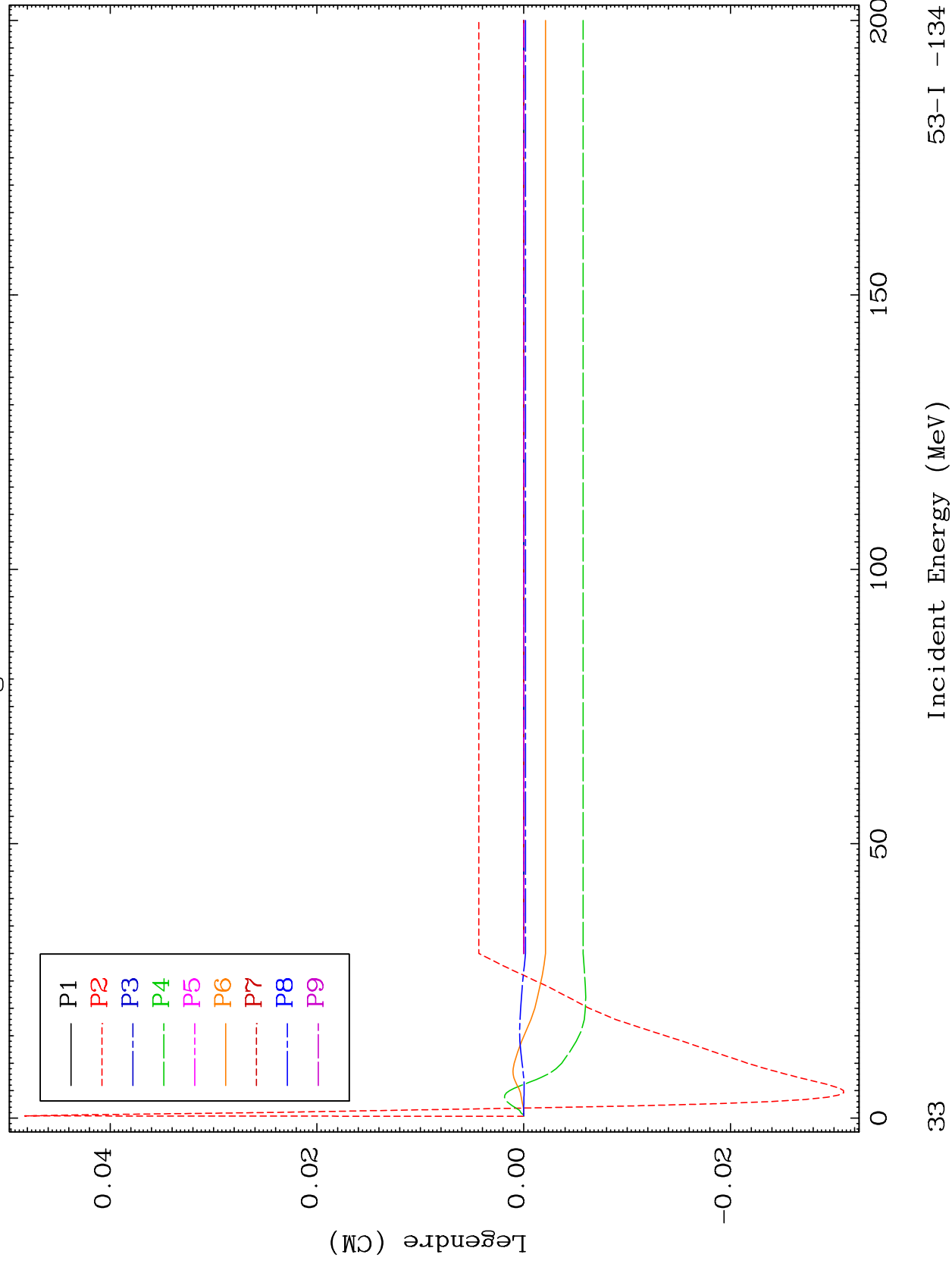
53-I -134

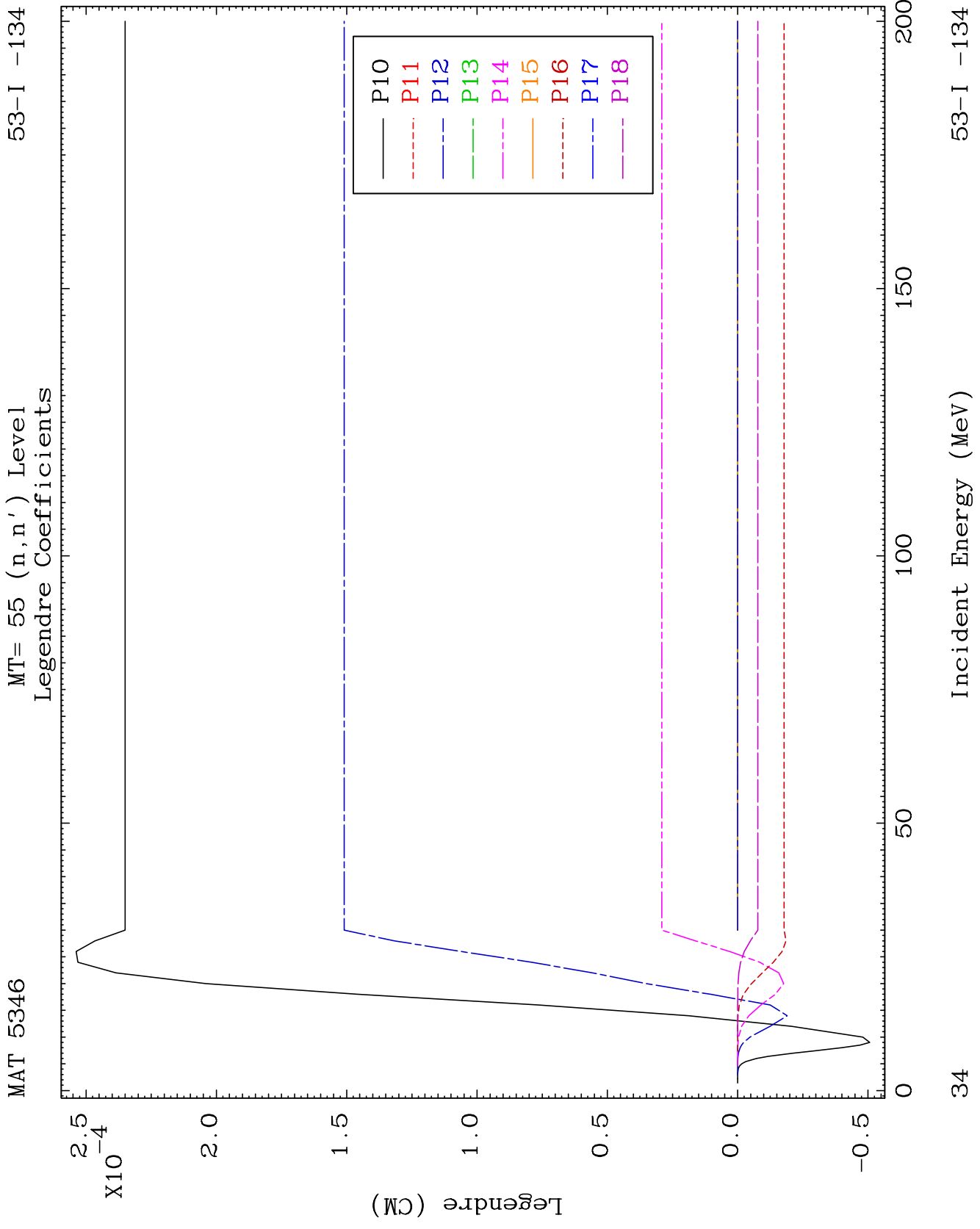


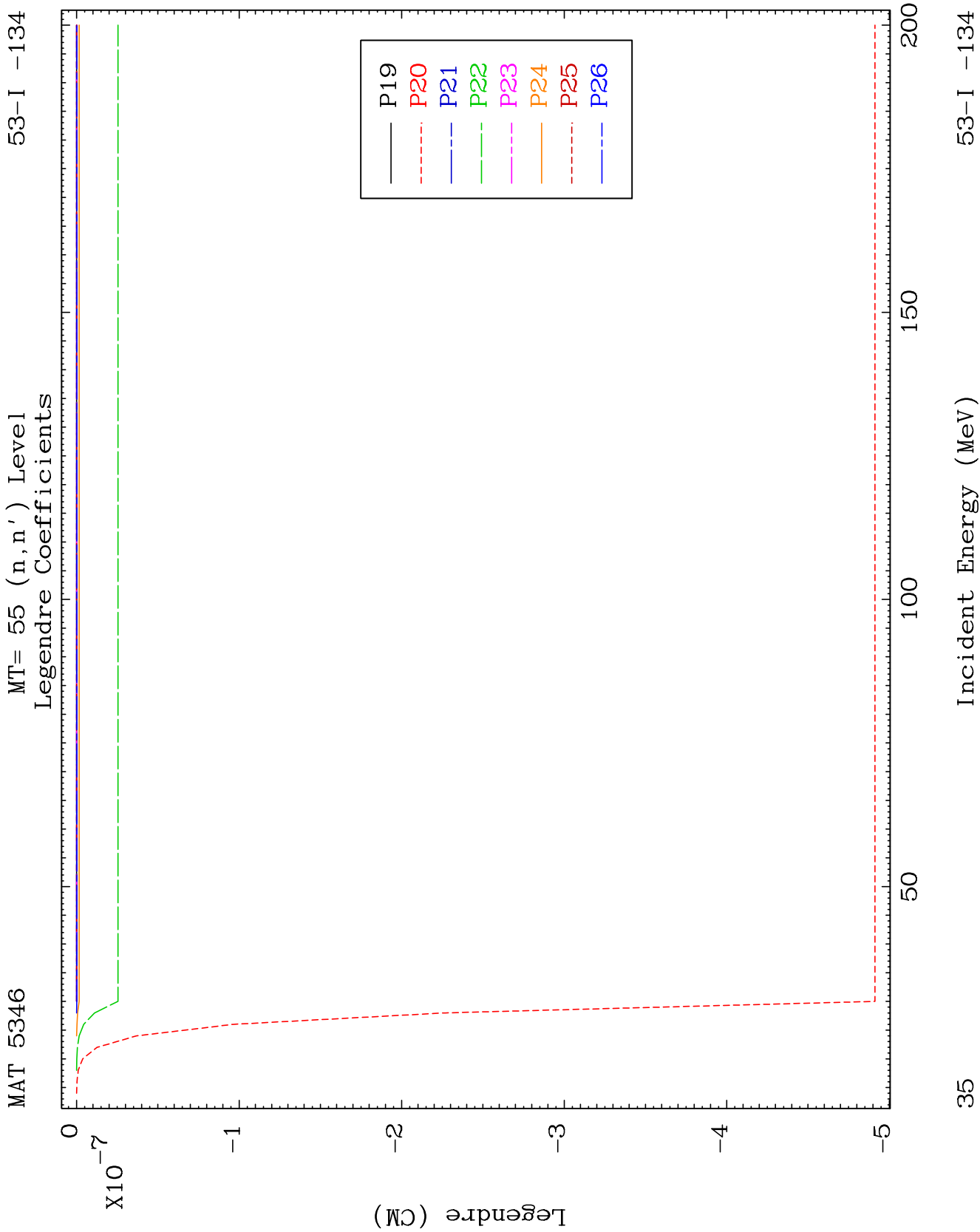
MAT 5346

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

53-I -134



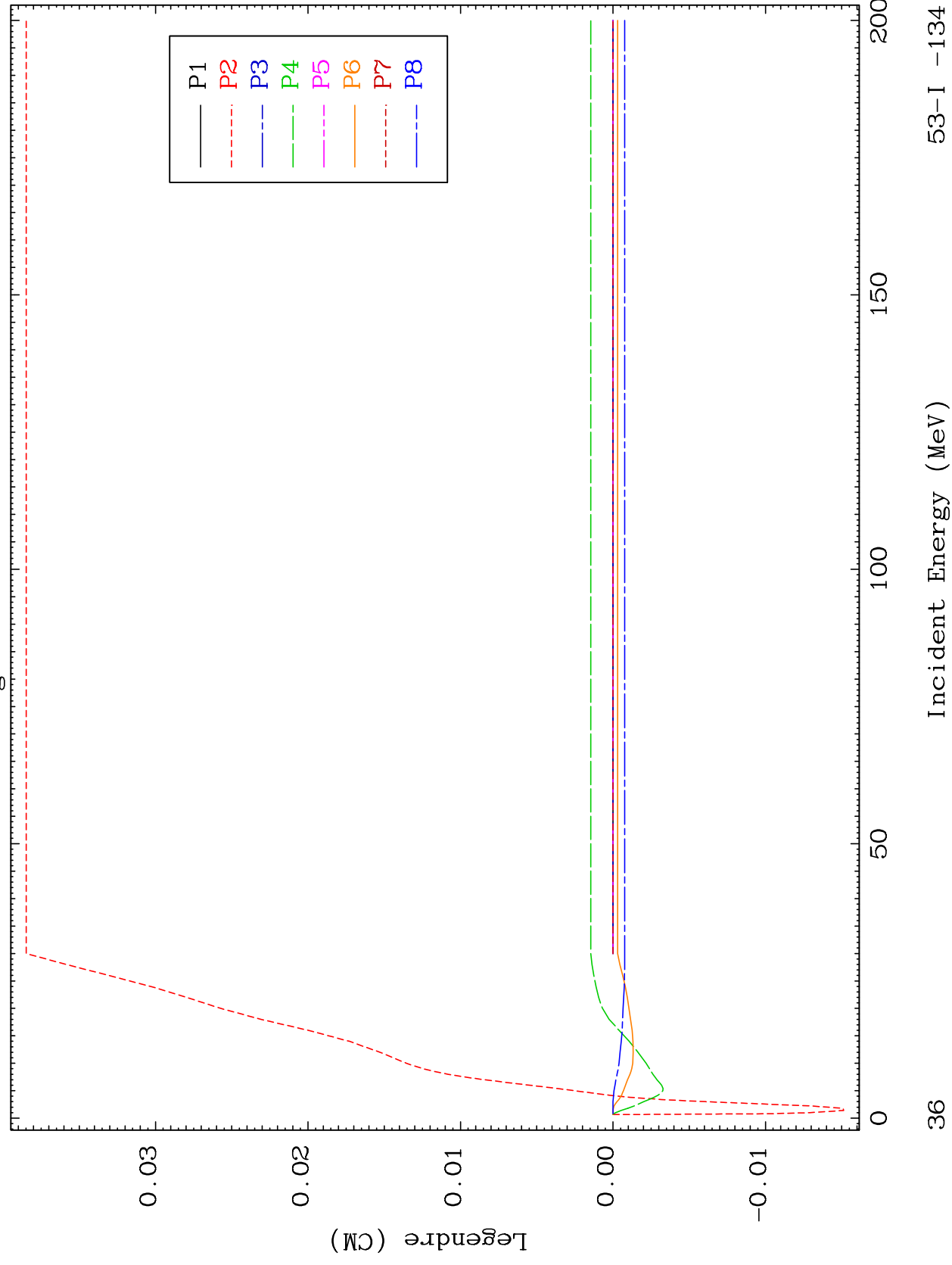


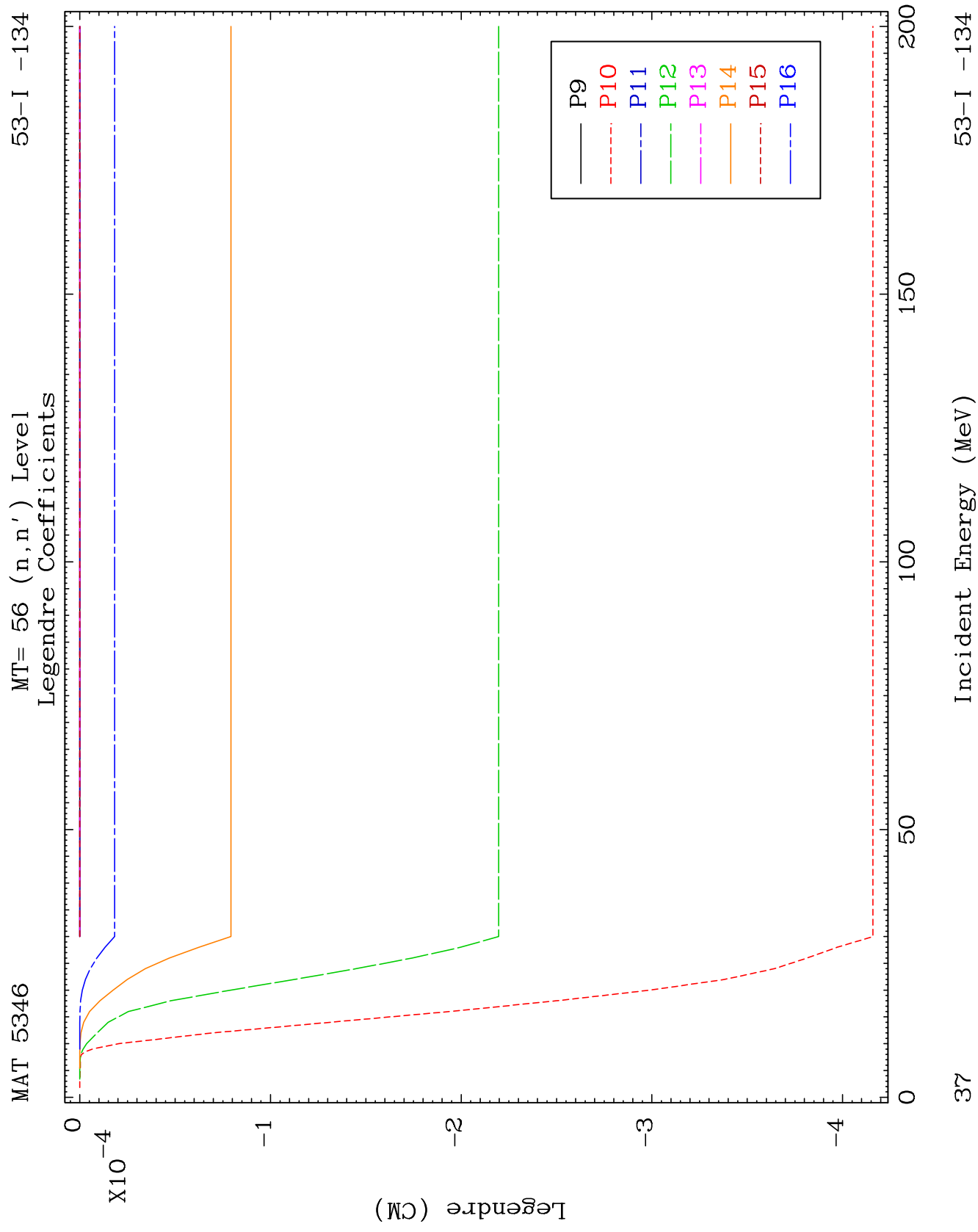


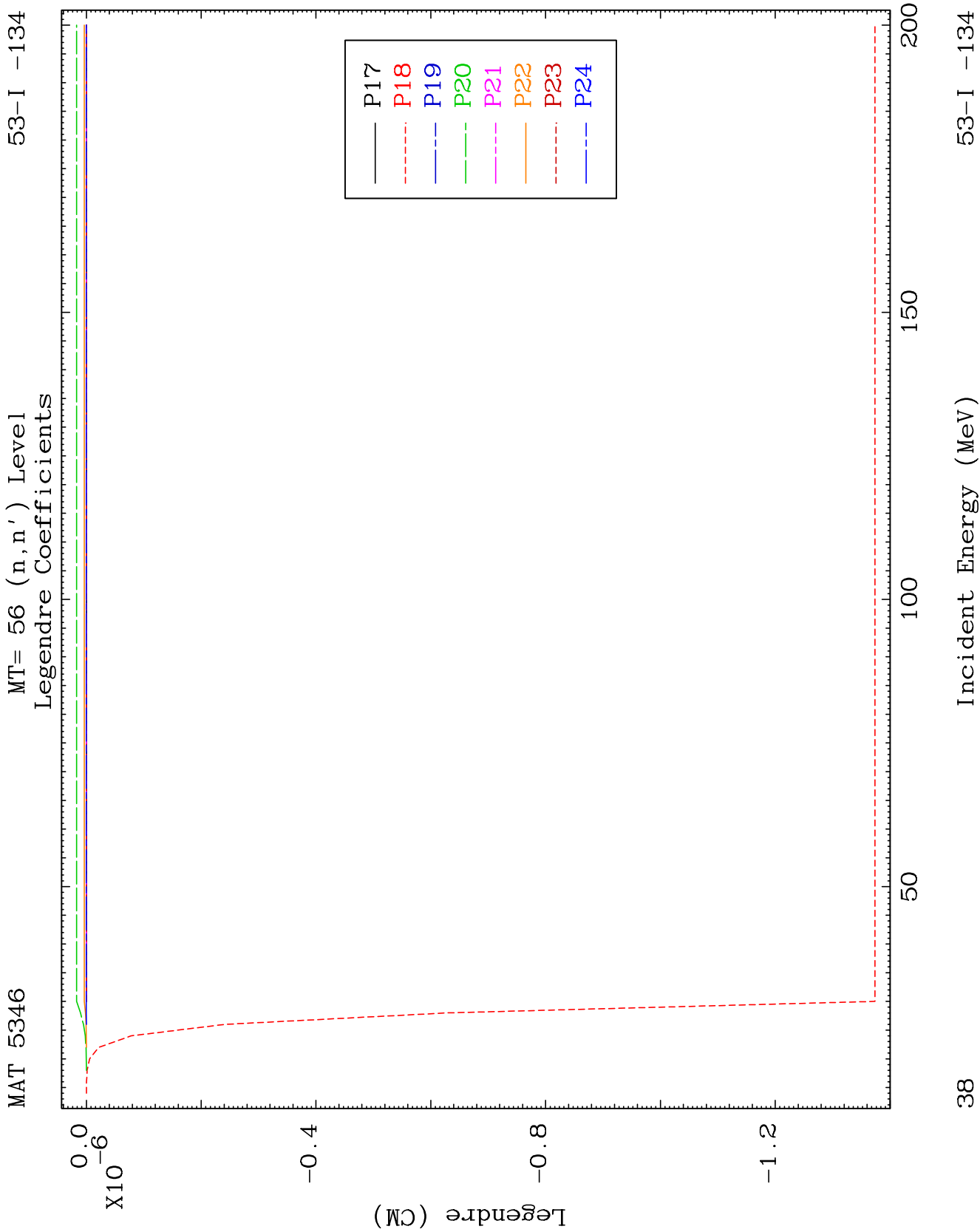
MAT 5346

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

53-I -134



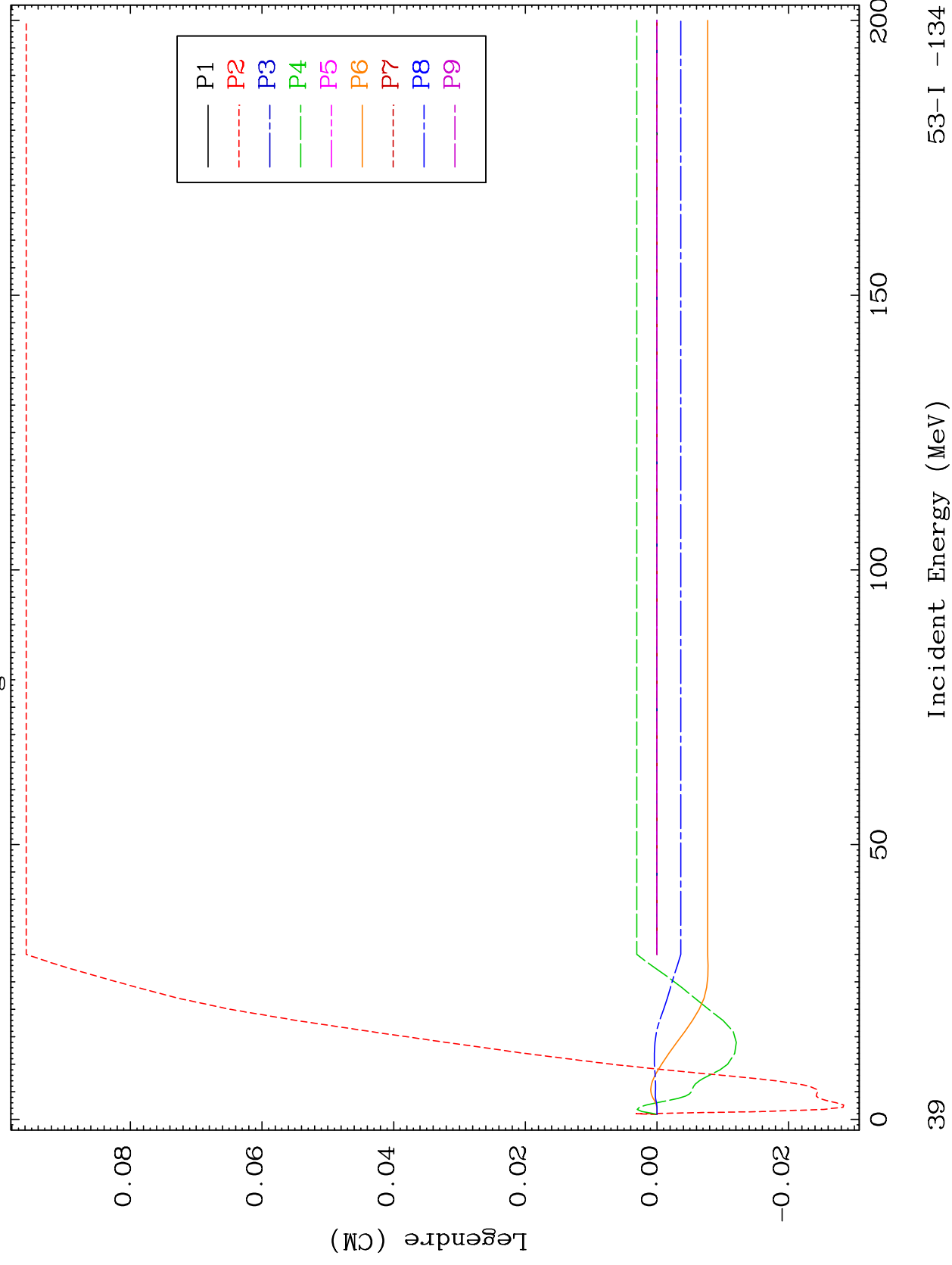


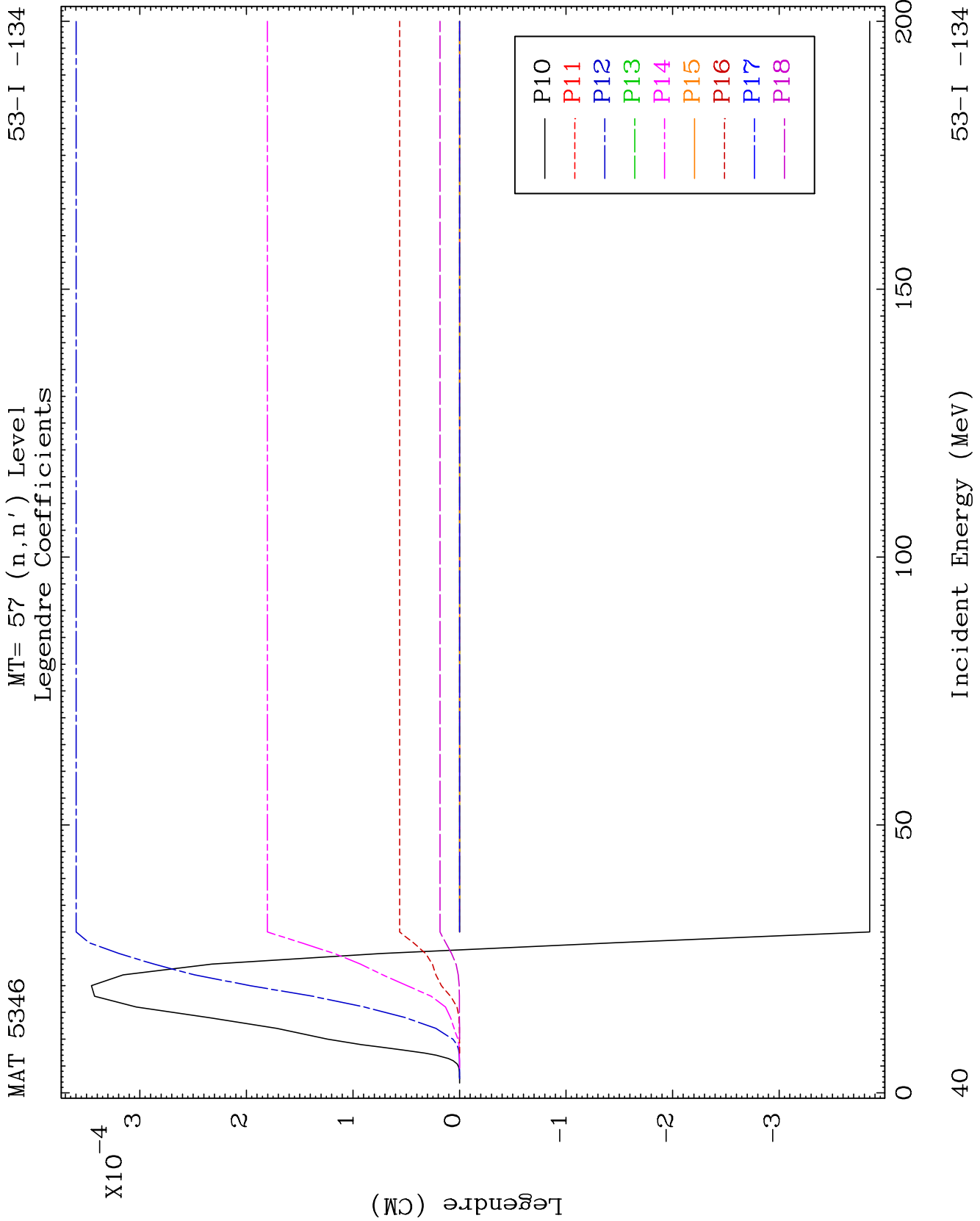


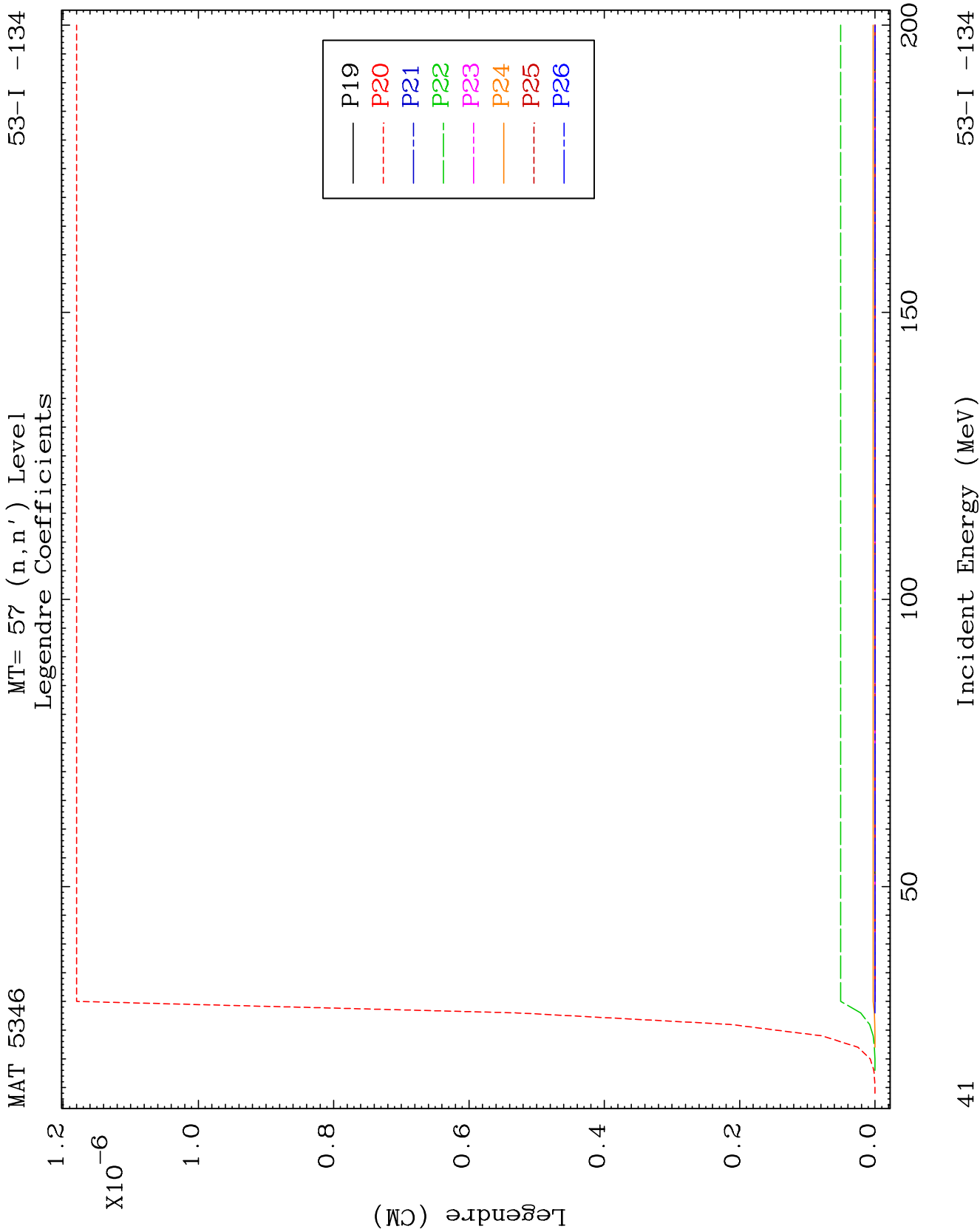
MAT 5346

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

53-I -134



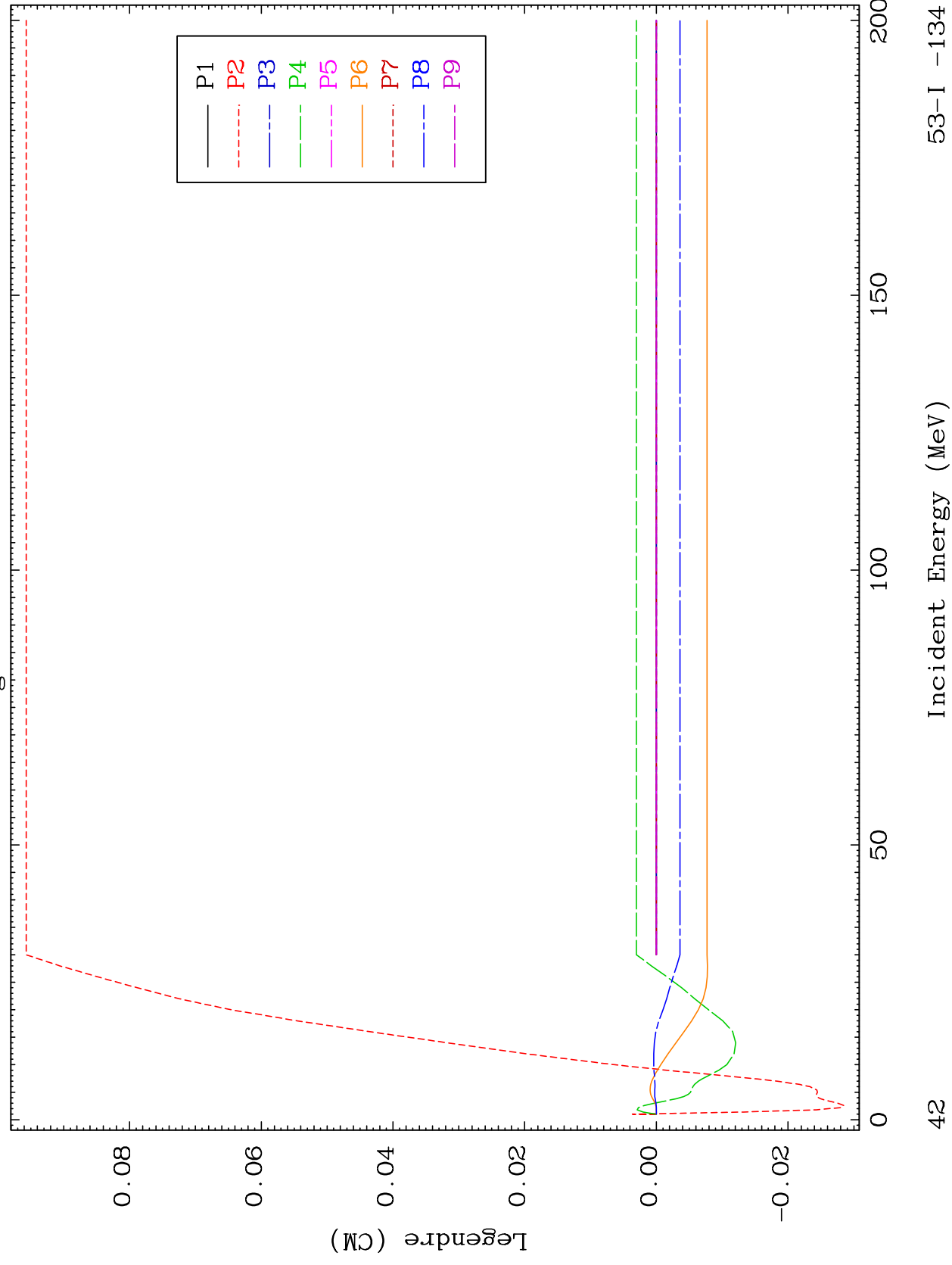


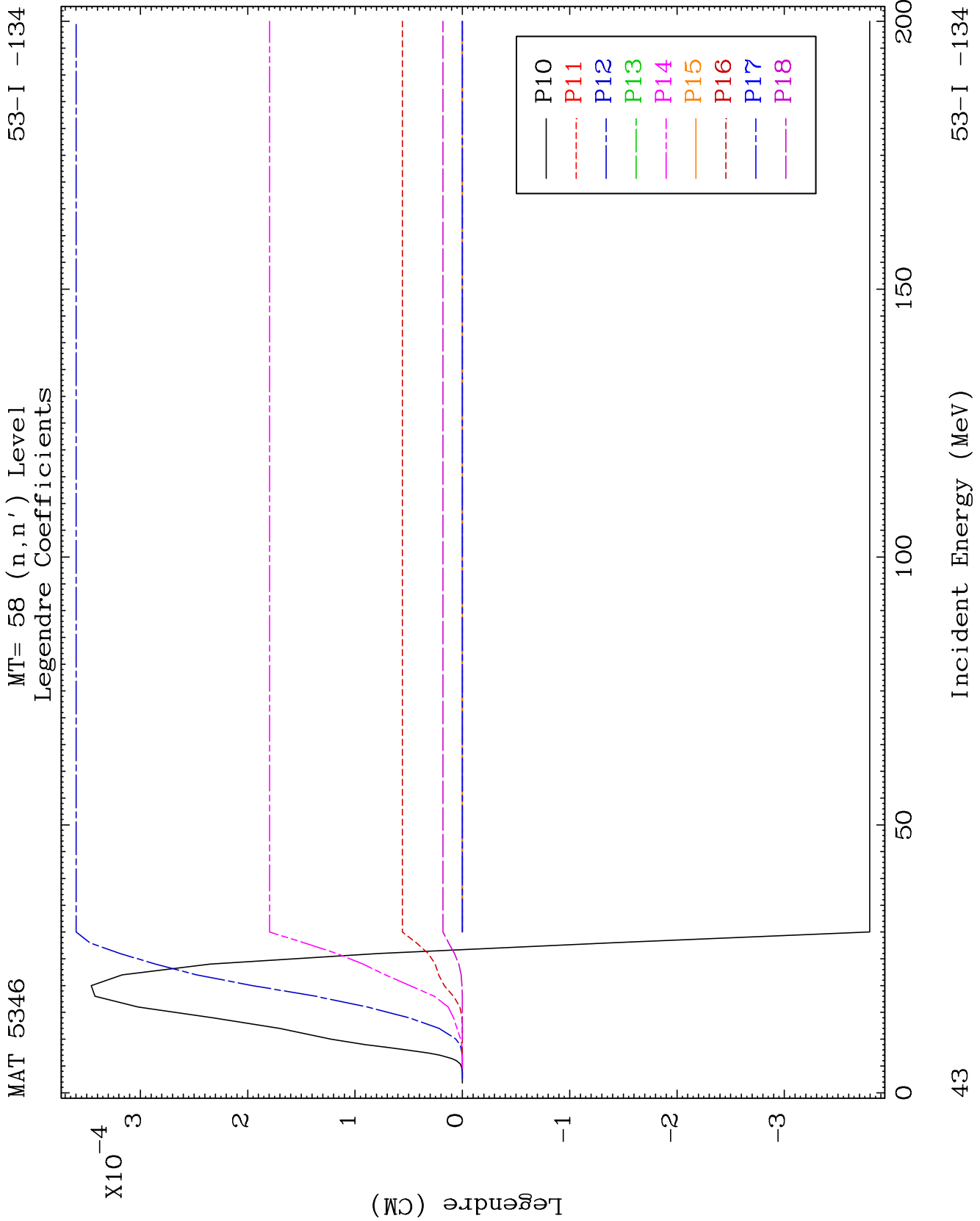


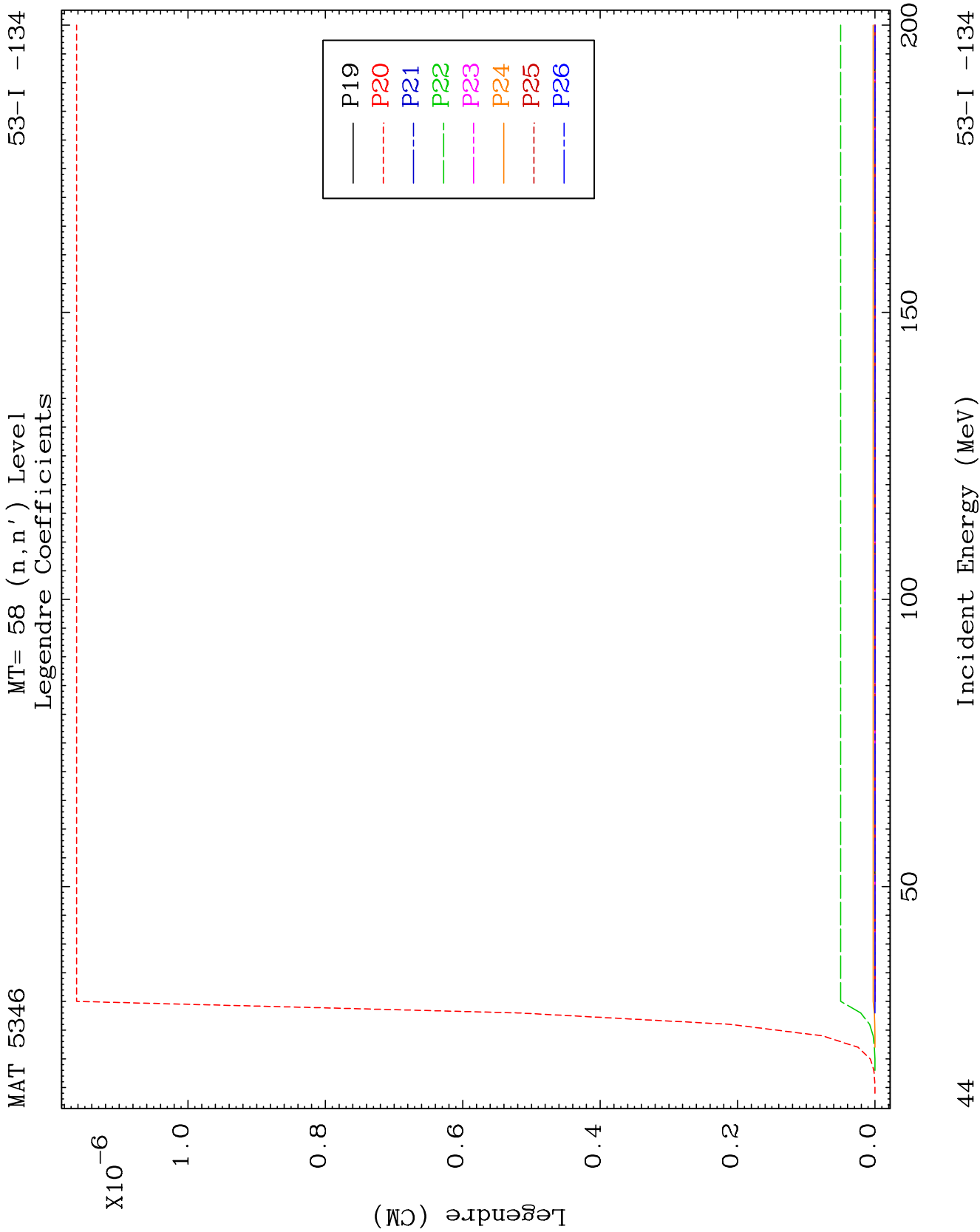
MAT 5346

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

53-I -134



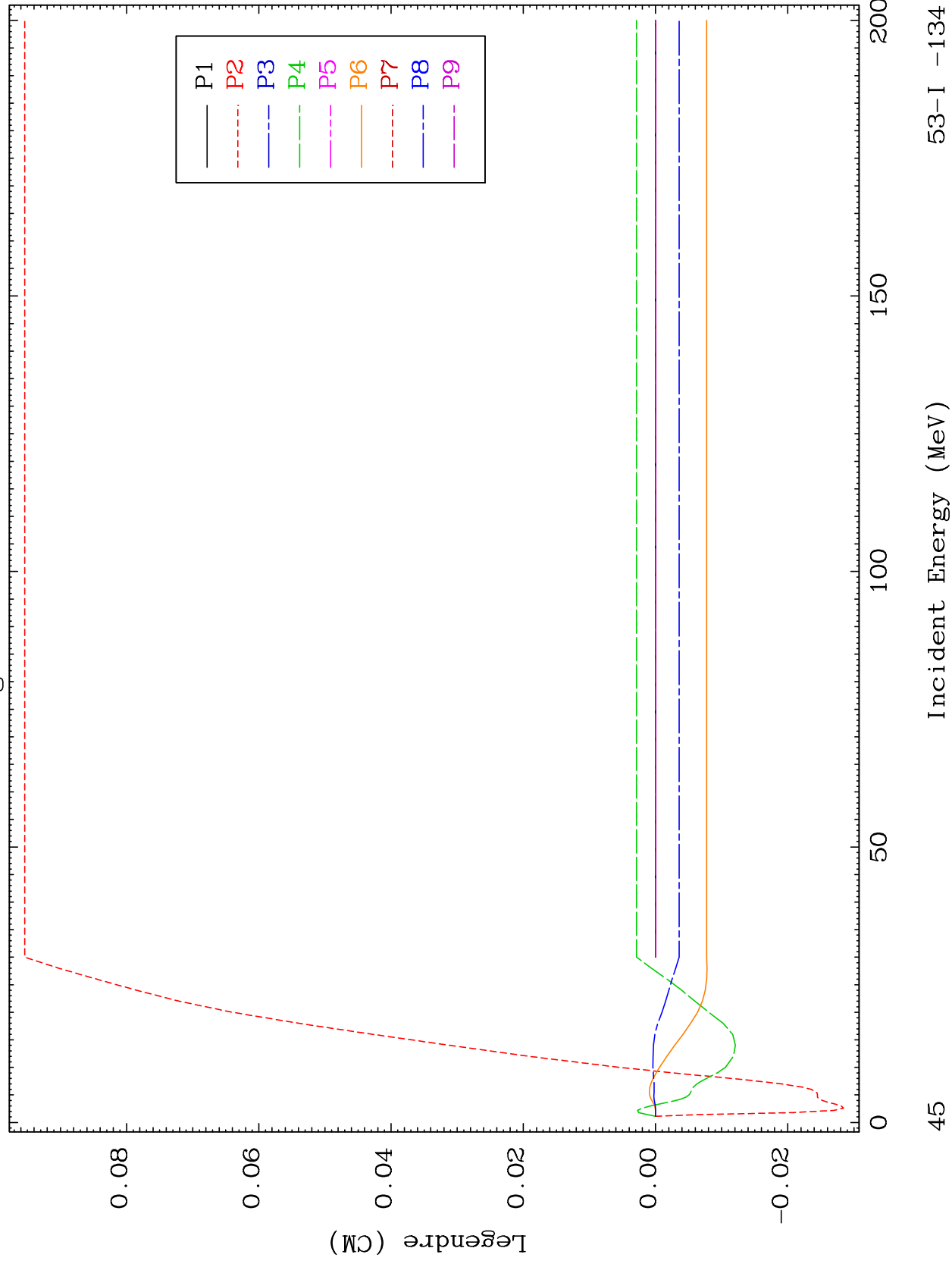


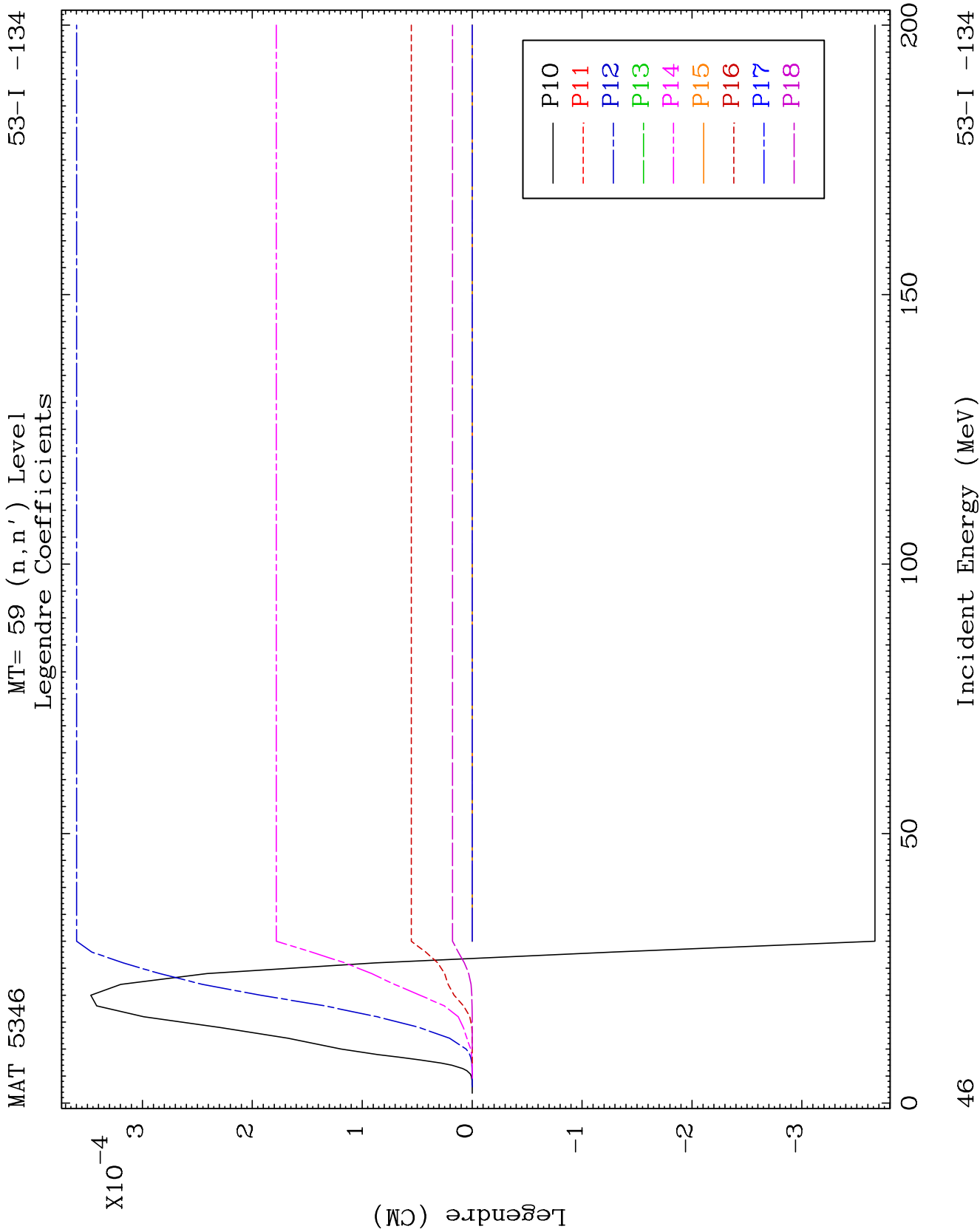


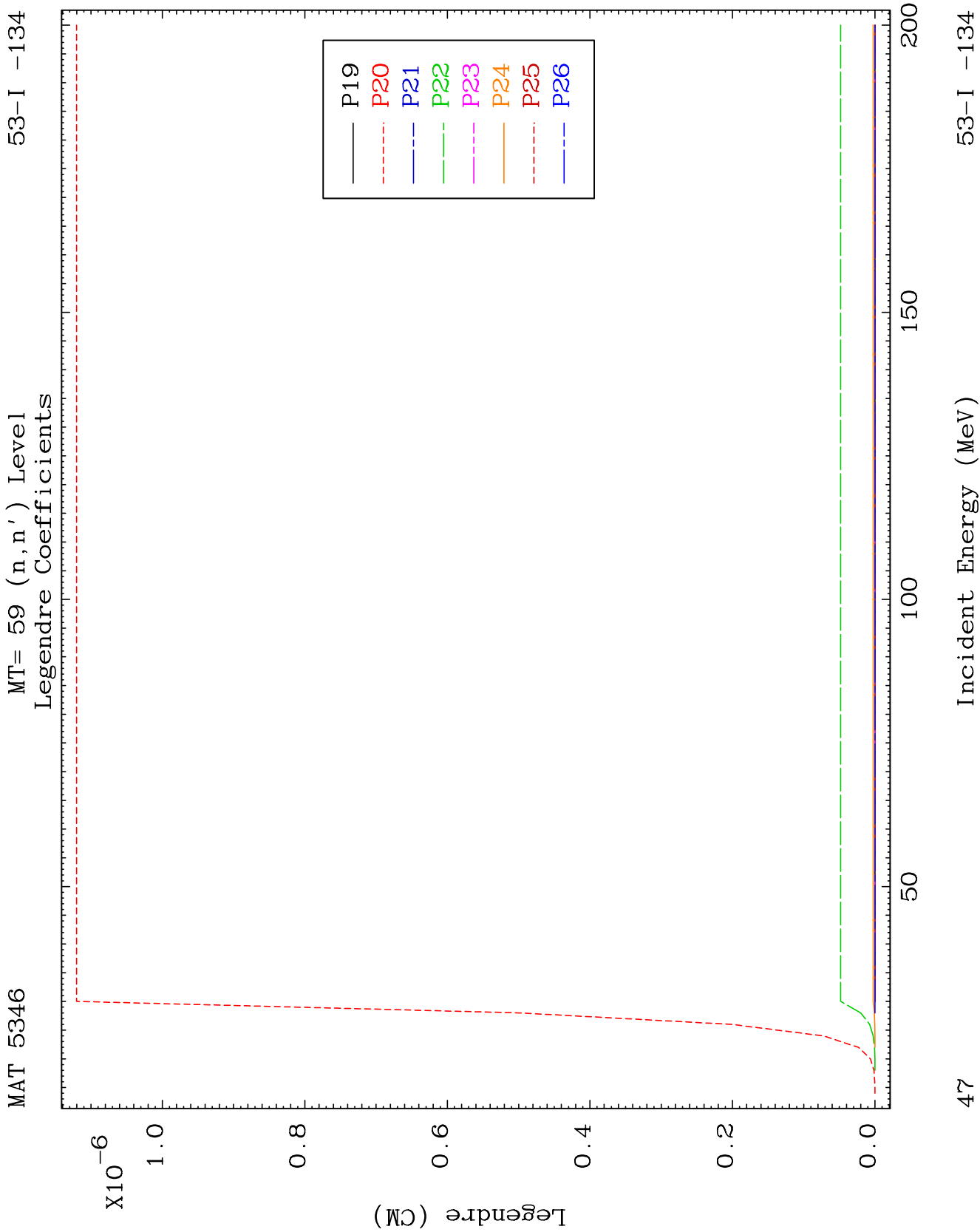
MAT 5346

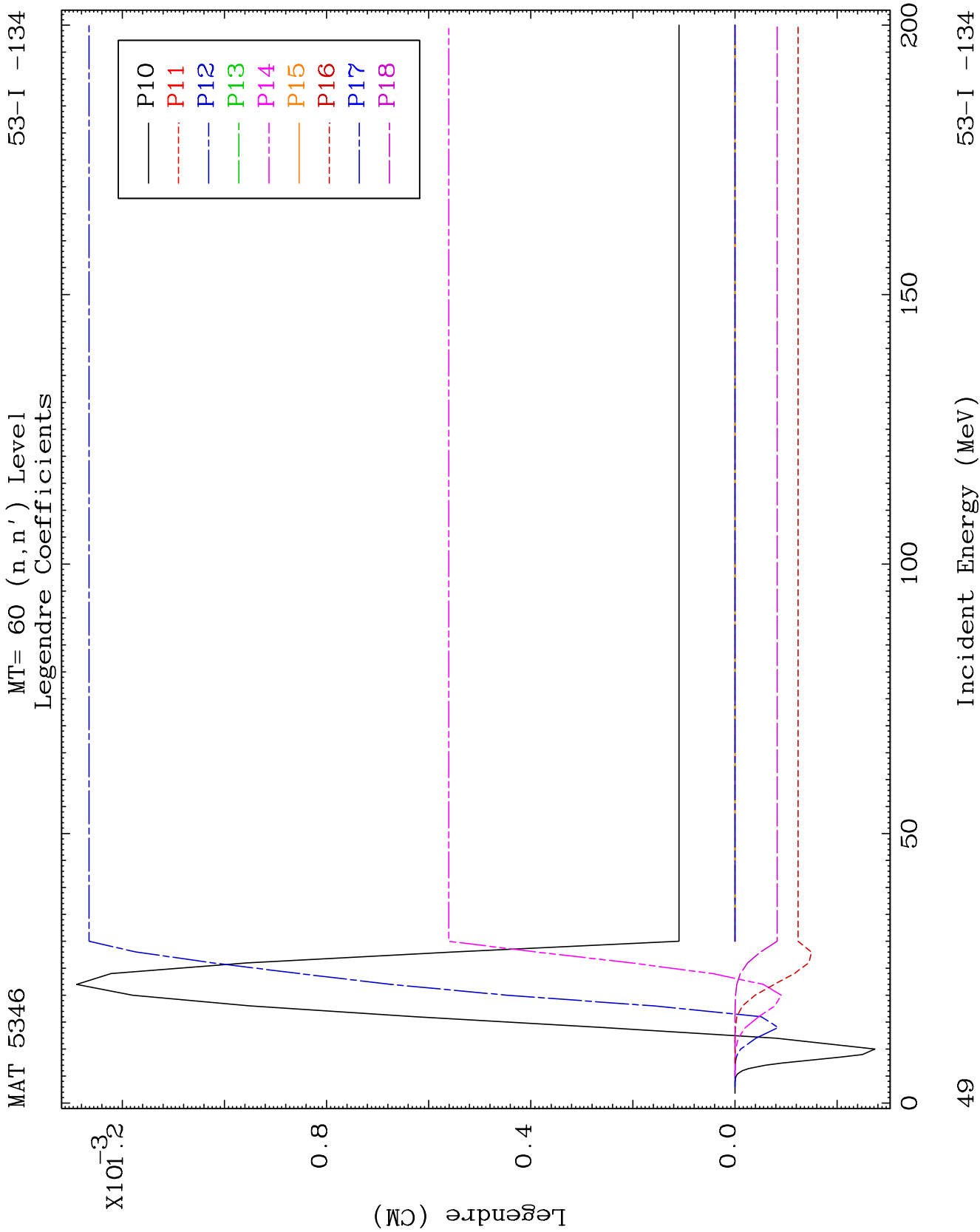
MT= 59 (n, n') Level
Legendre Coefficients

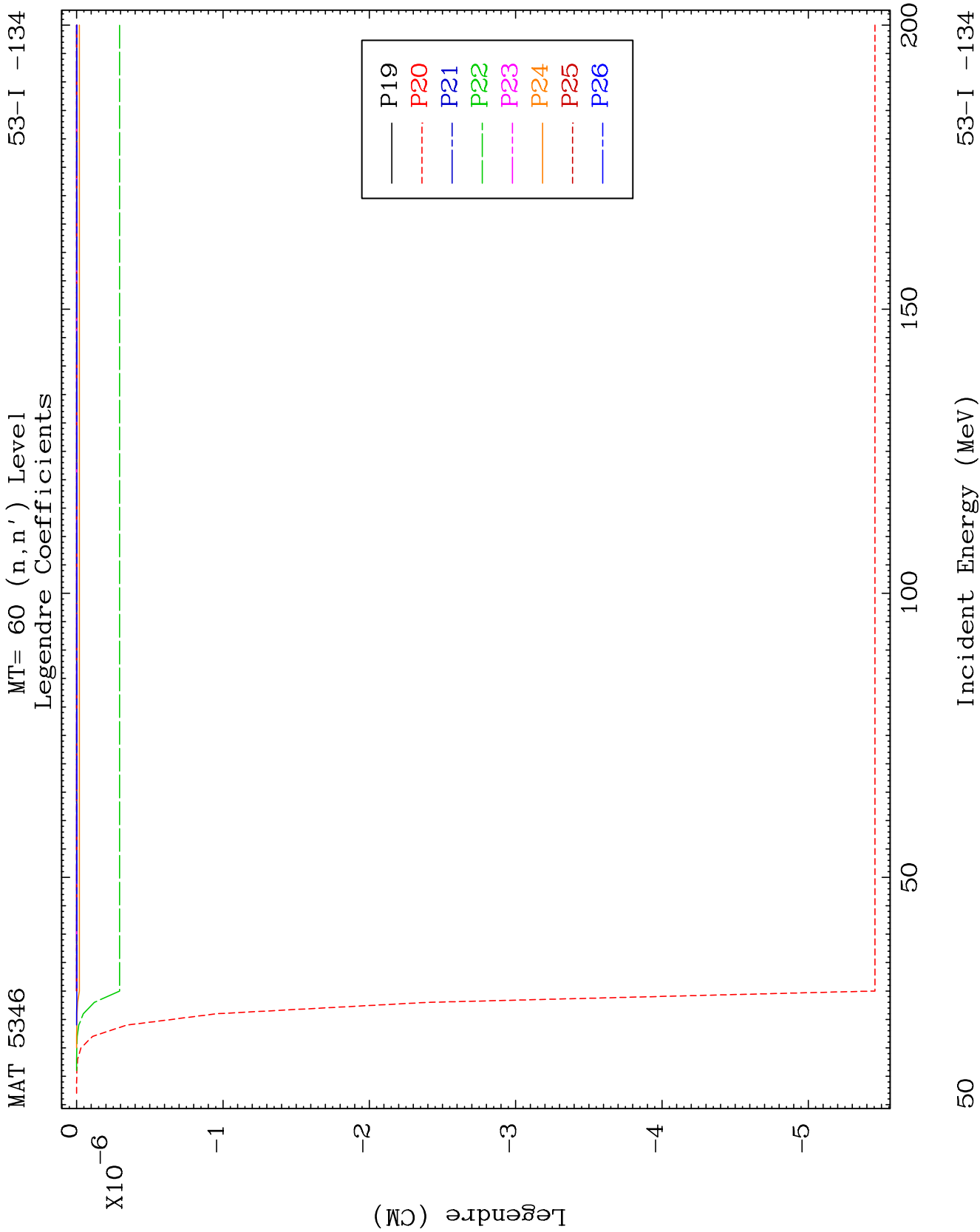
53-I -134

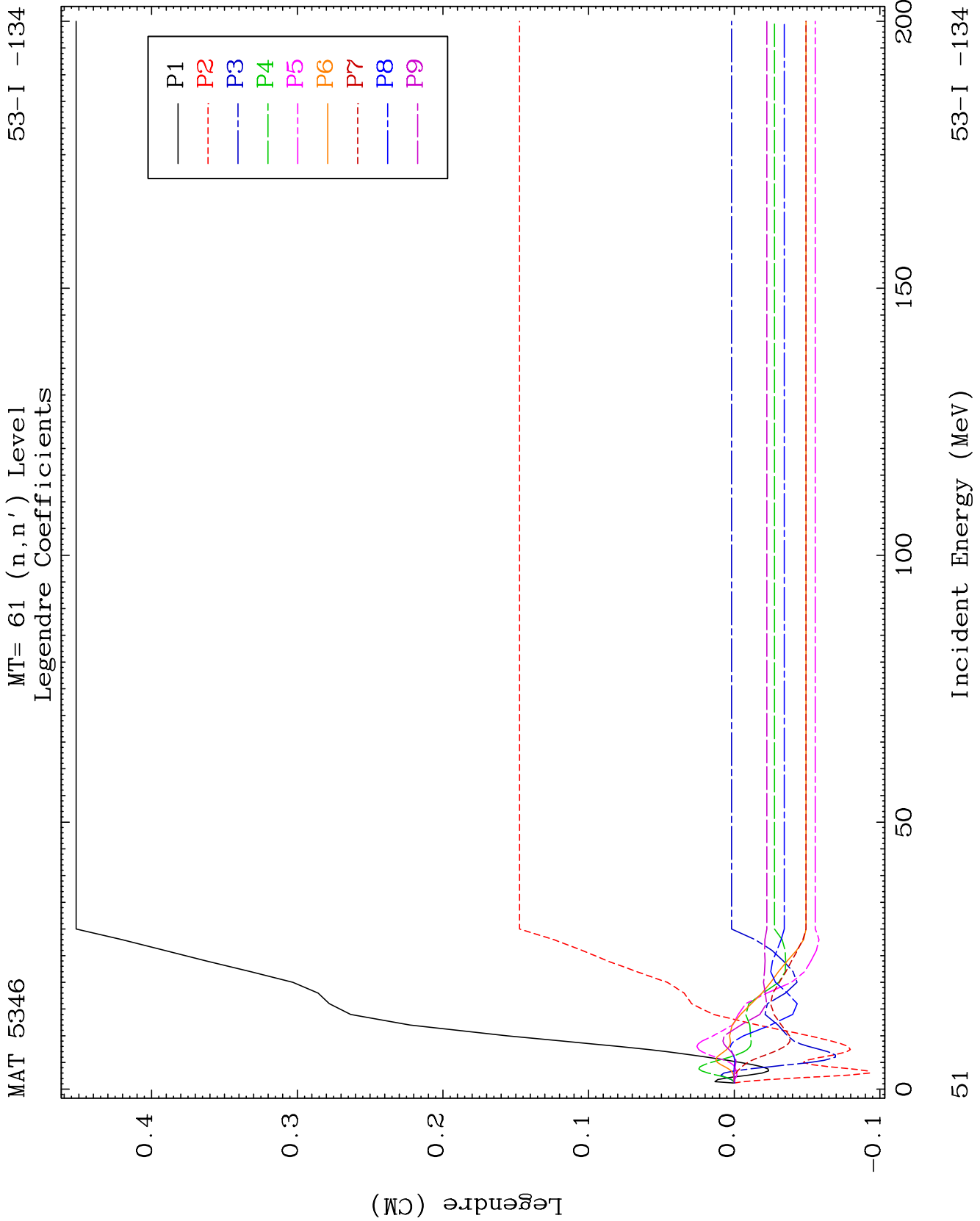


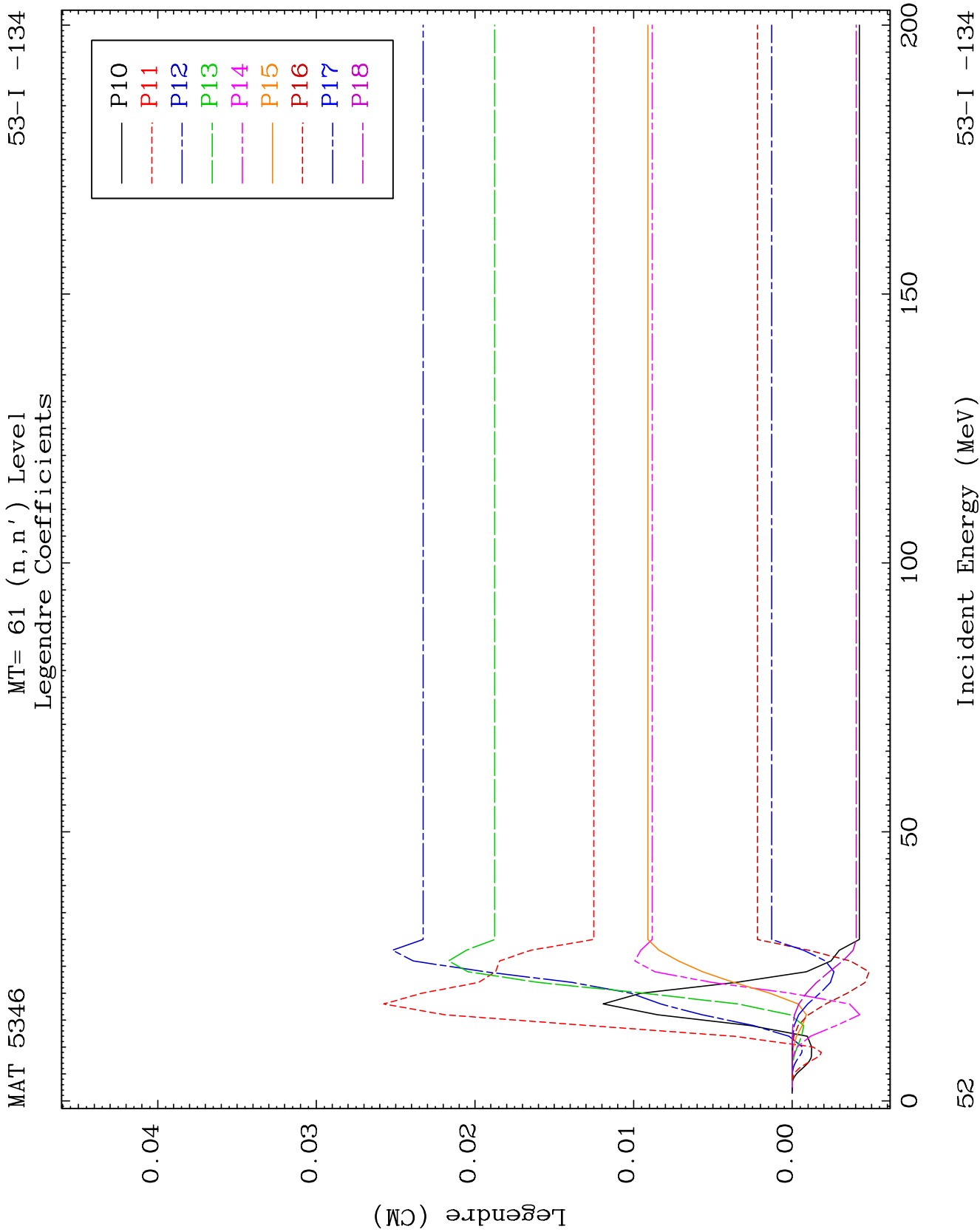


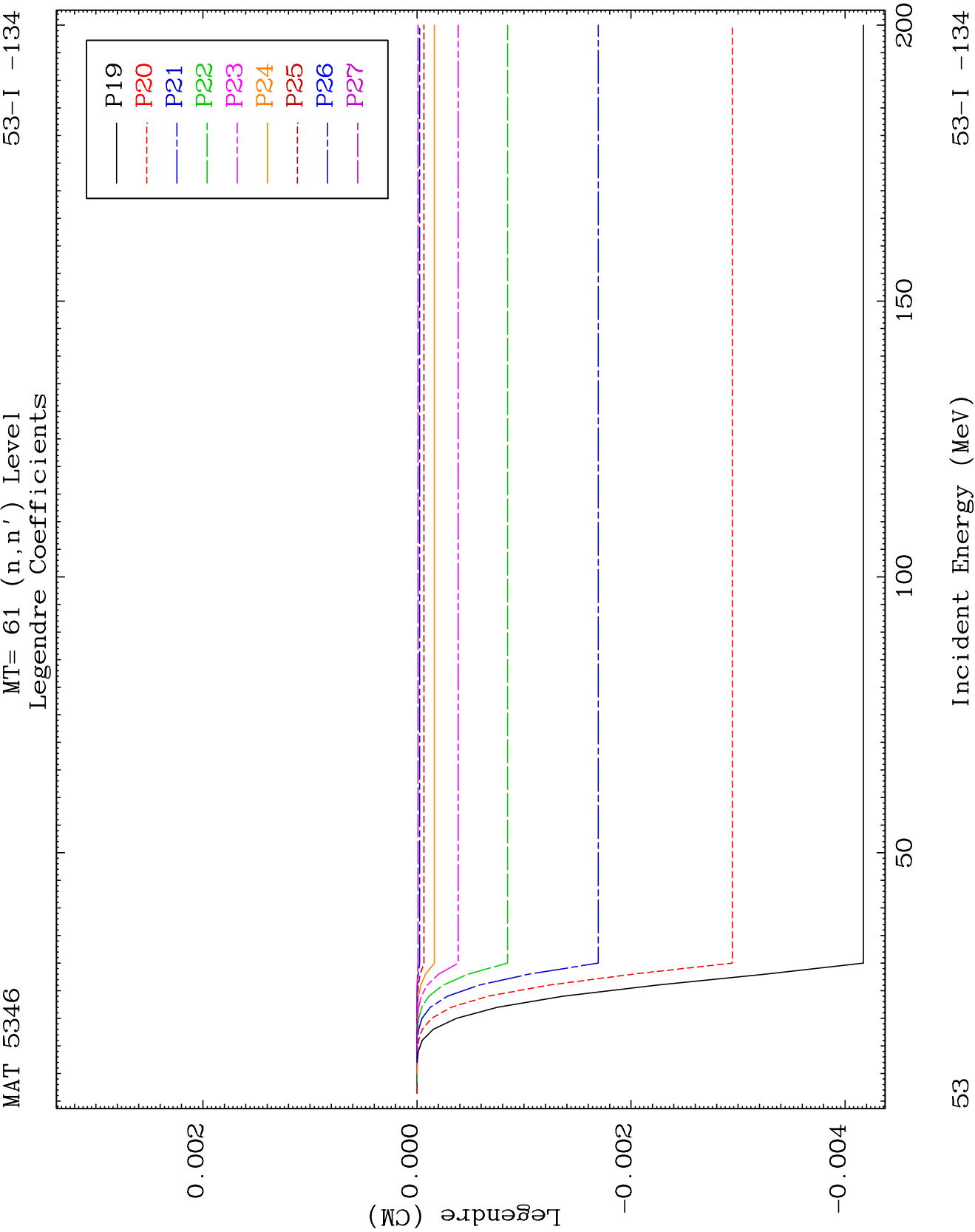








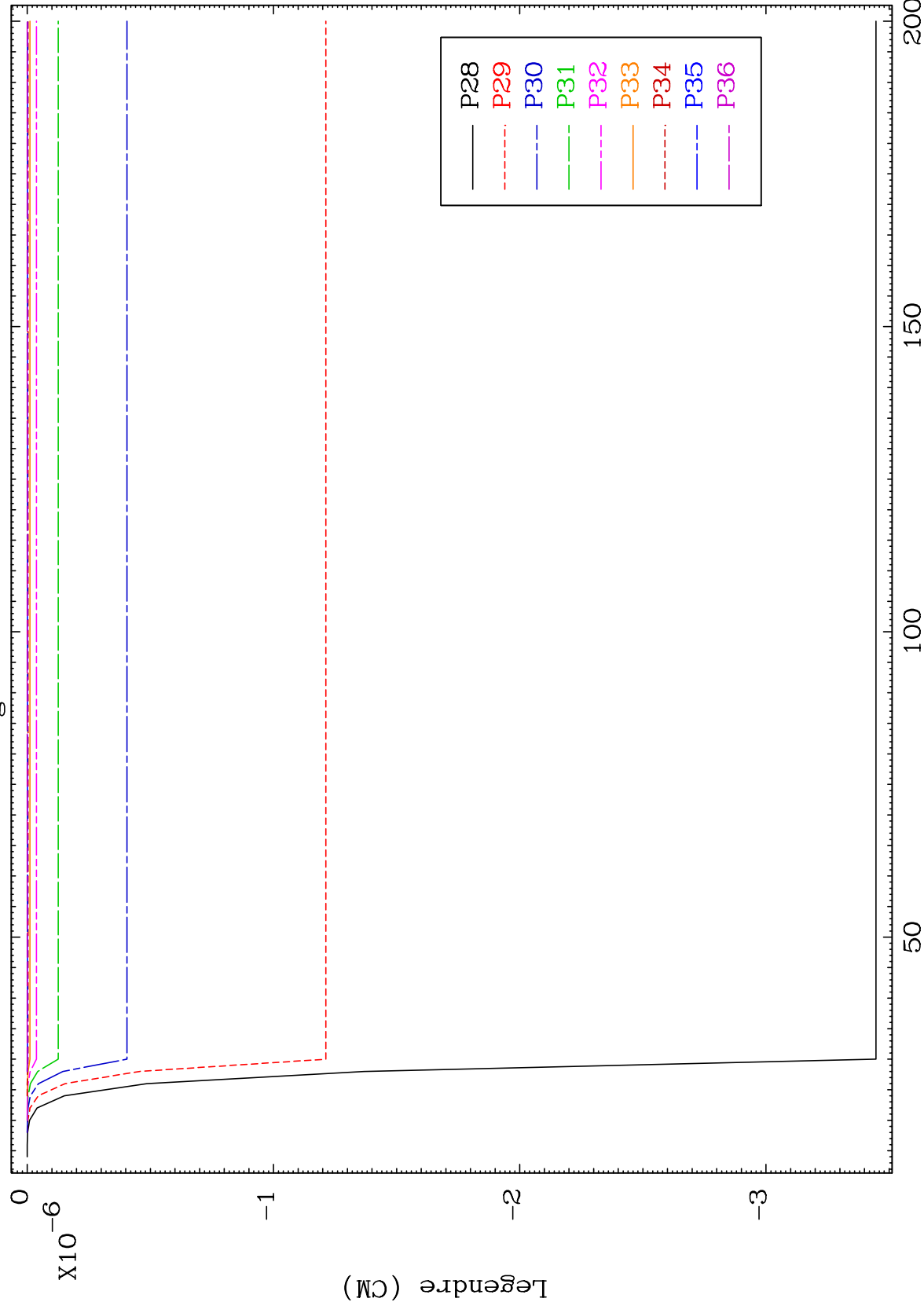




MAT 5346

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

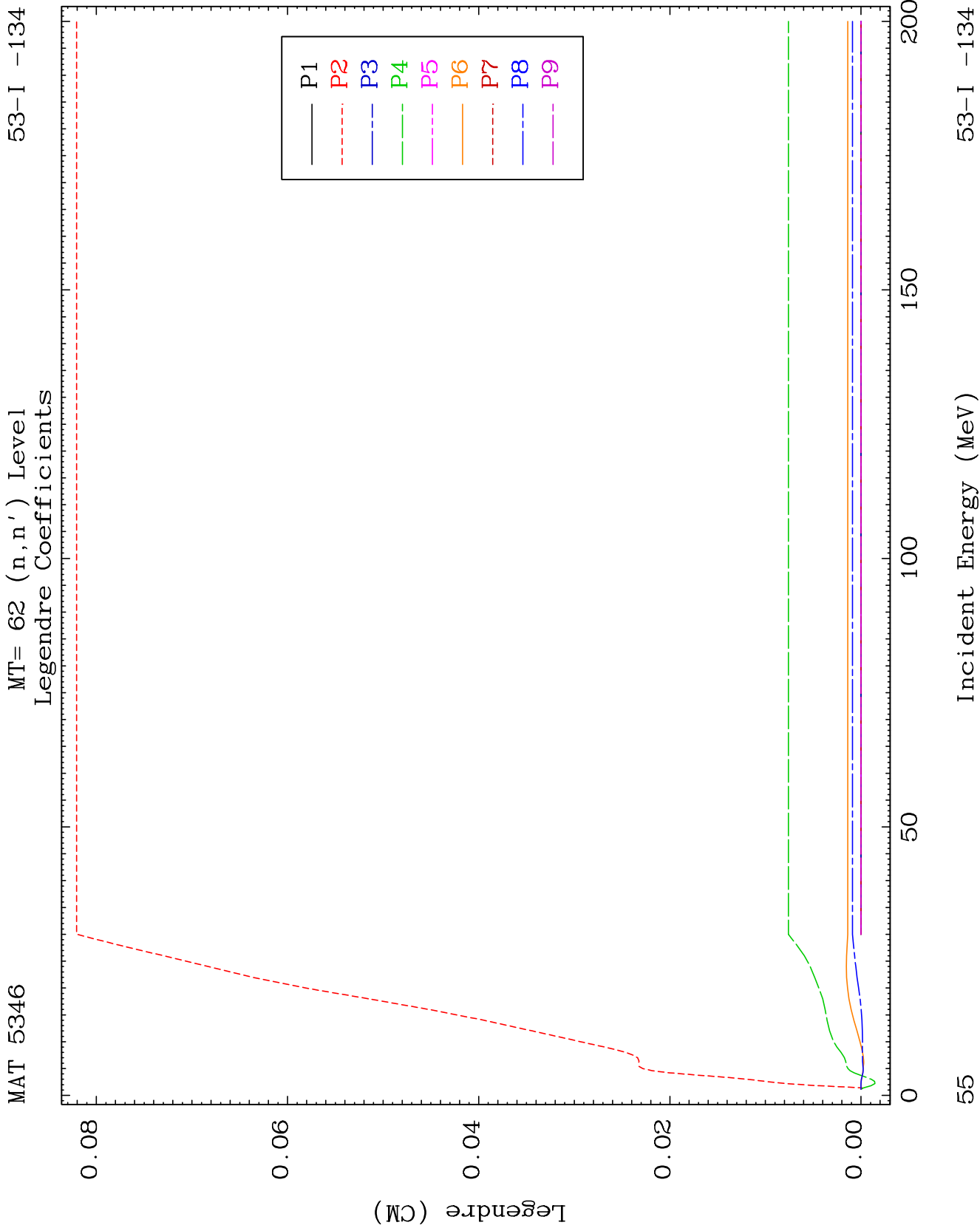
53-I -134



54

Incident Energy (MeV)

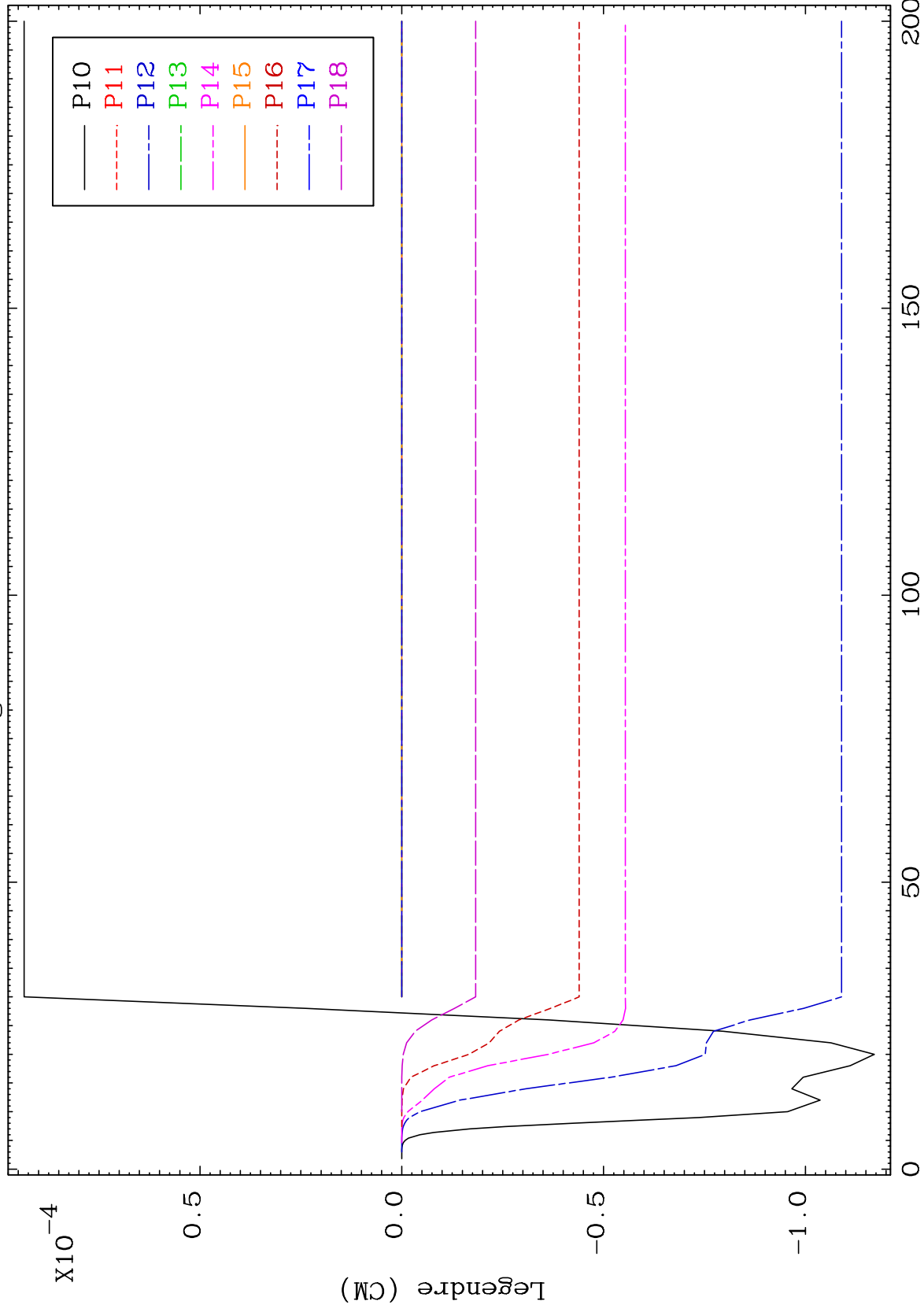
53-I -134



MAT 5346

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

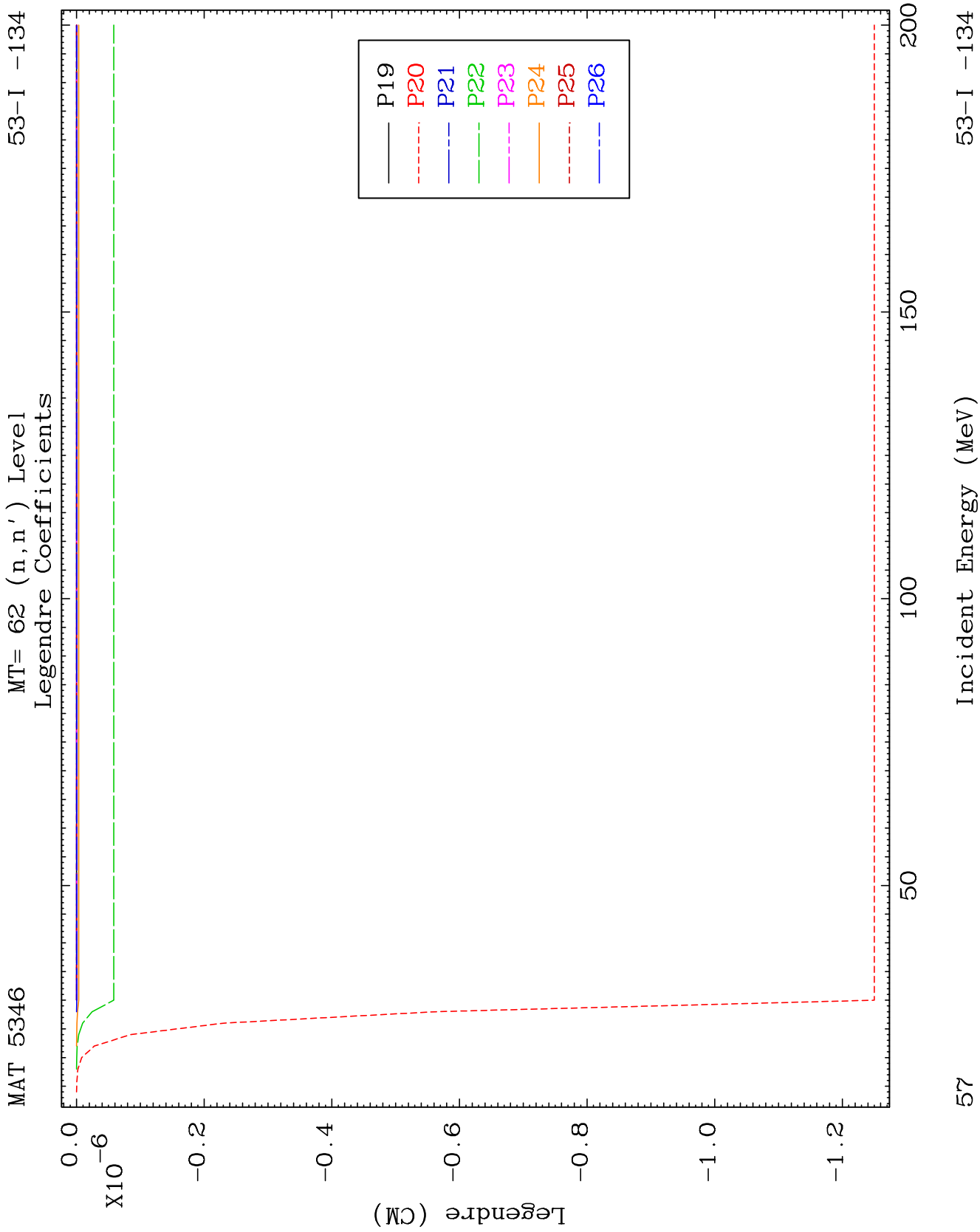
53-I -134



56

Incident Energy (MeV)

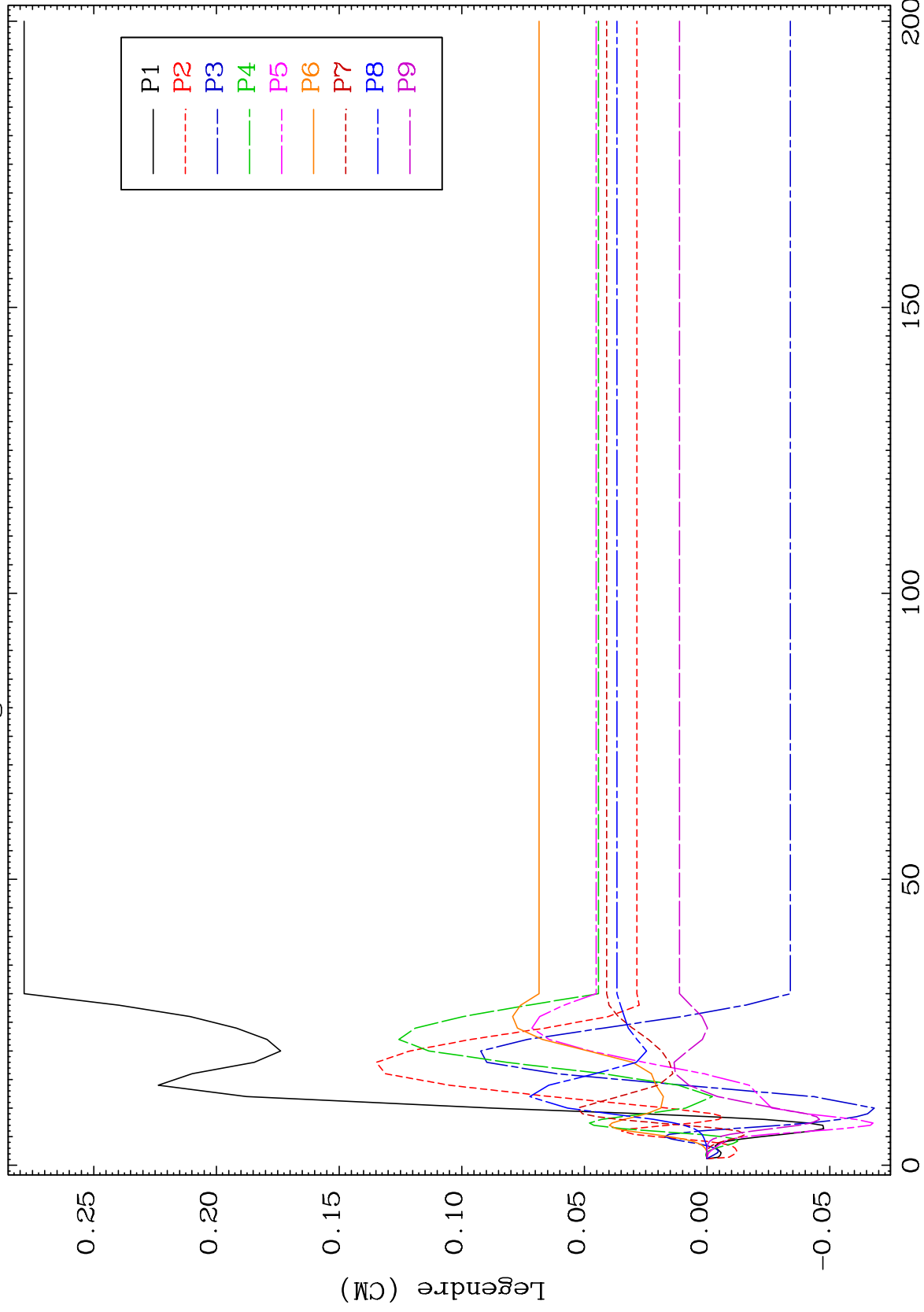
53-I -134



MAT 5346

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

53-I -134



58

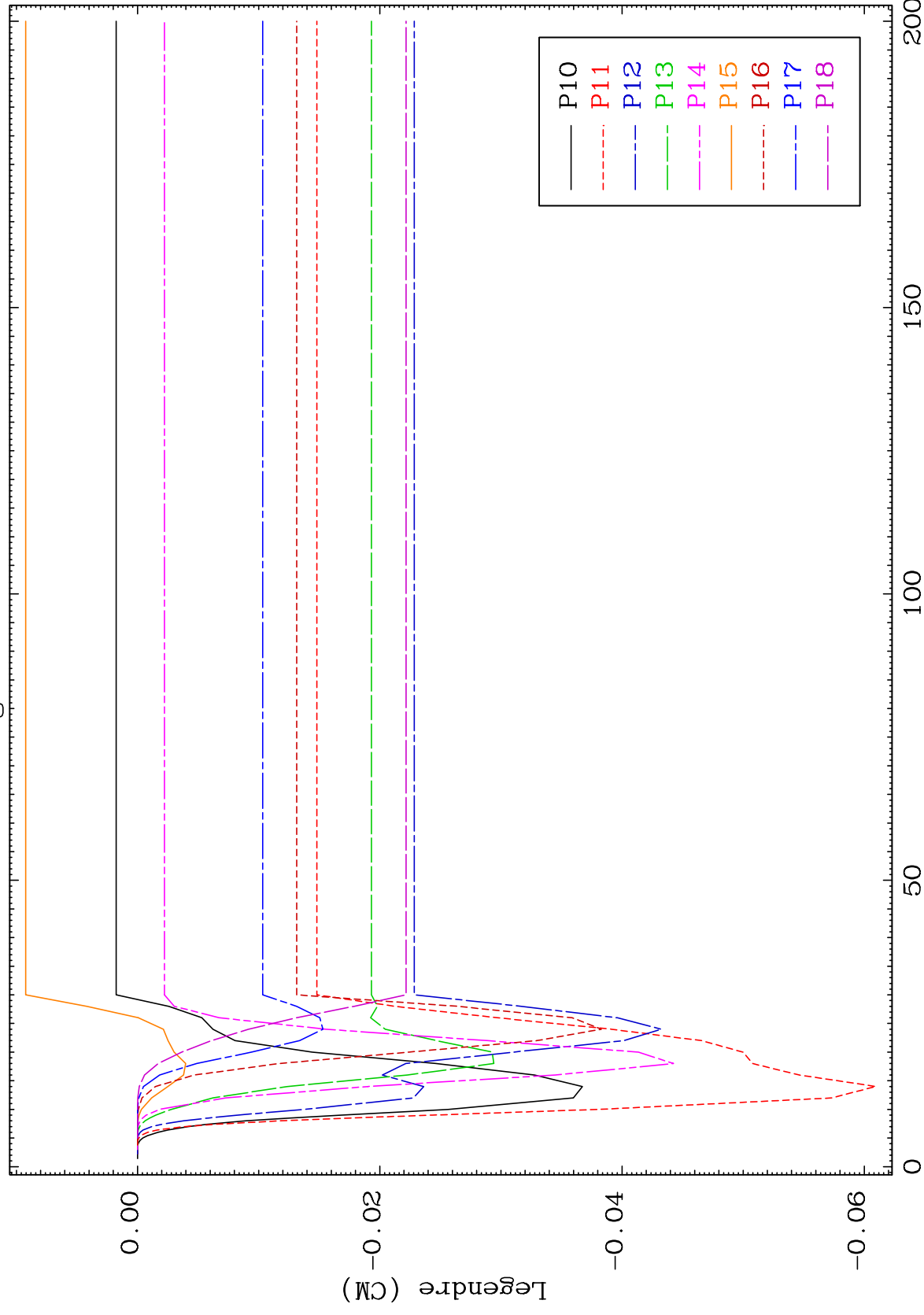
Incident Energy (MeV)

53-I -134

MAT 5346

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

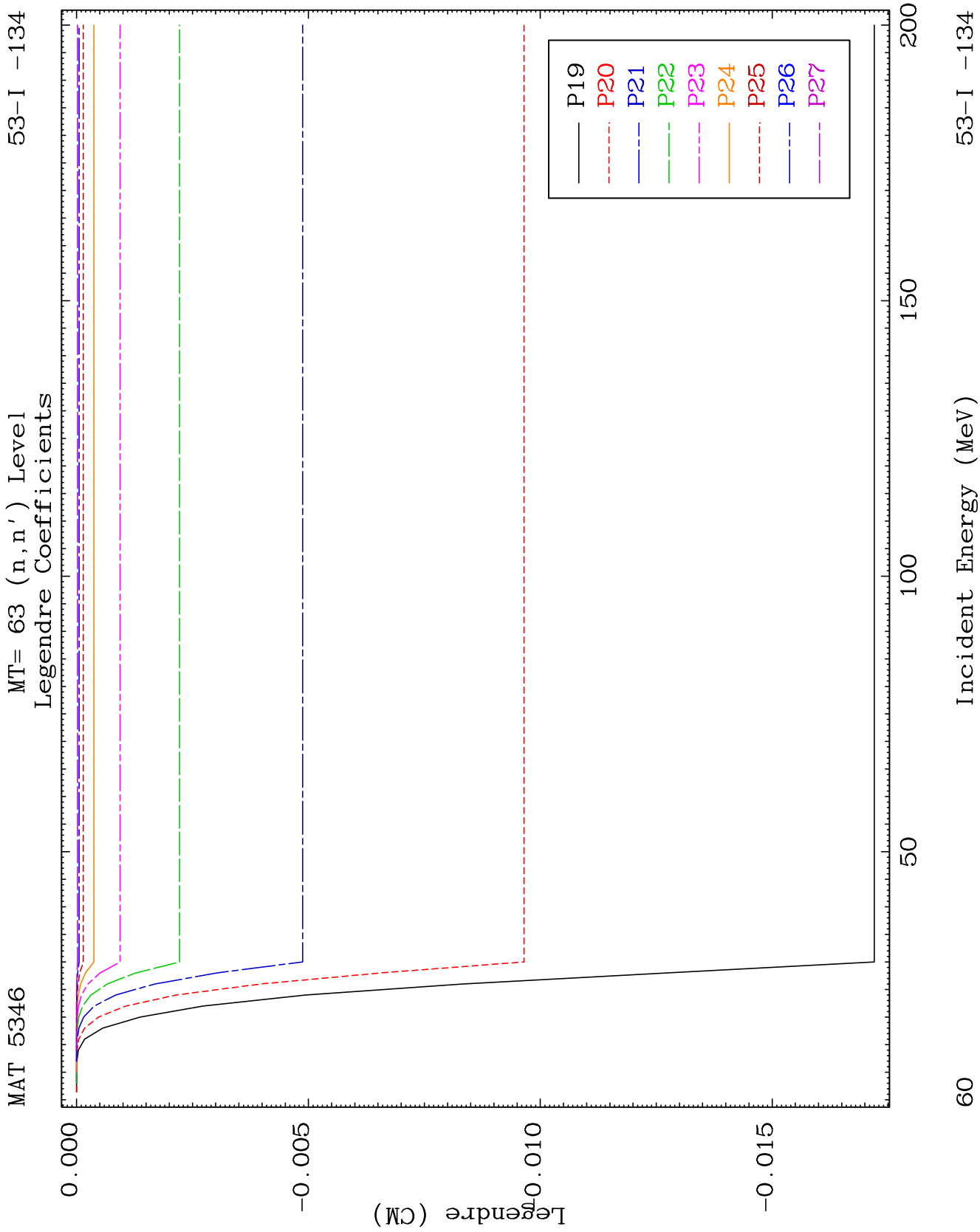
53-I -134

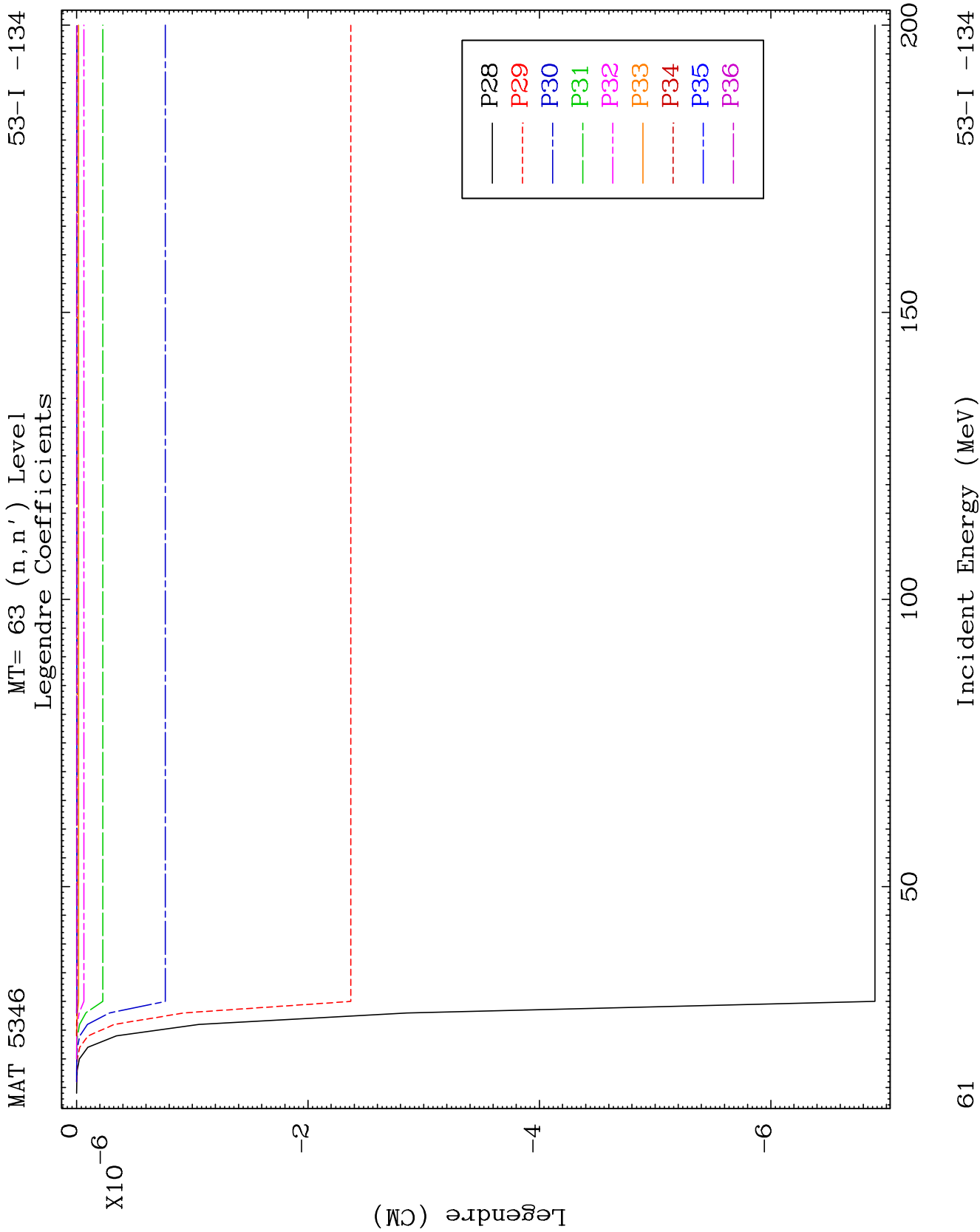


59

Incident Energy (MeV)

53-I -134

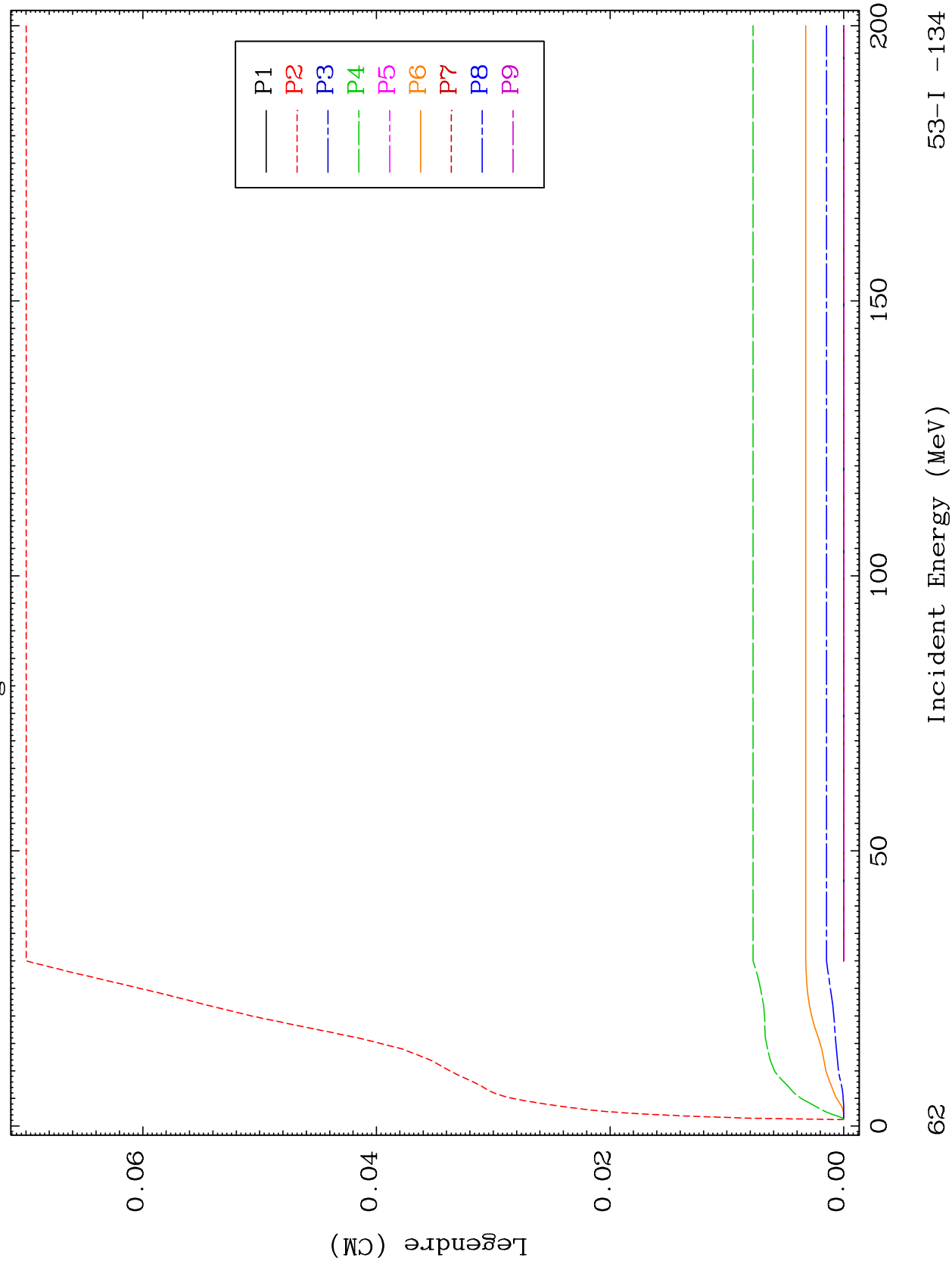


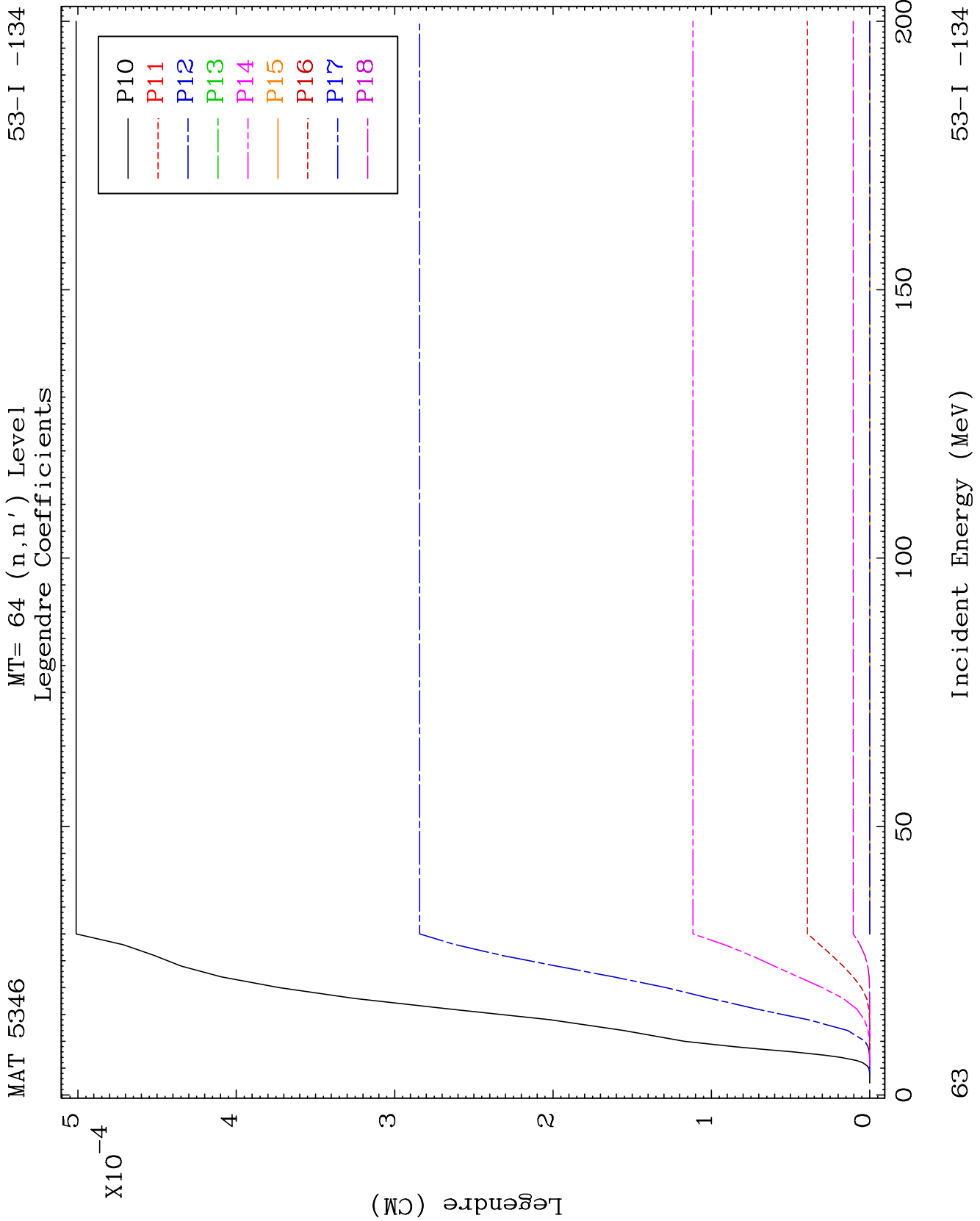


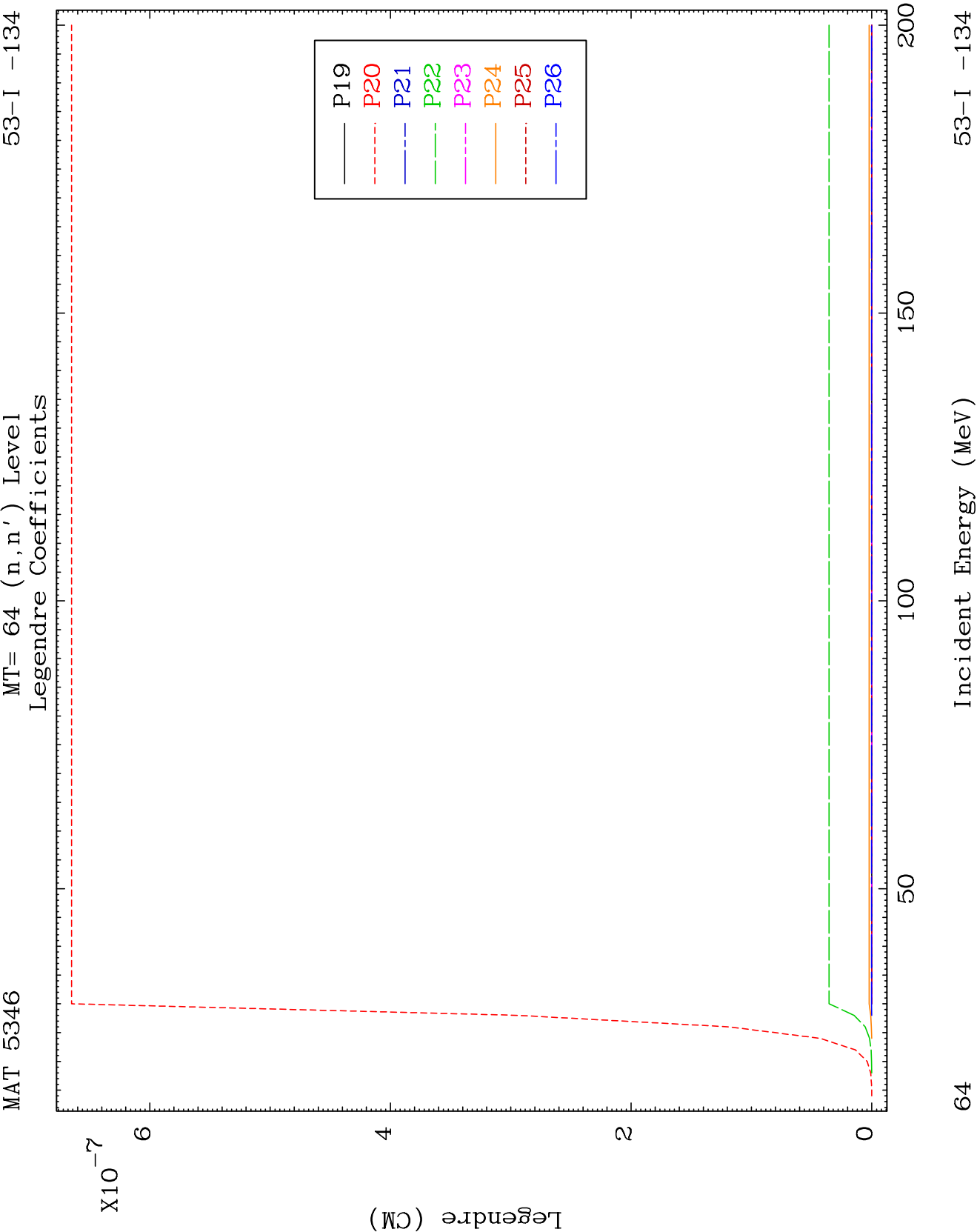
MAT 5346

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

53-I -134



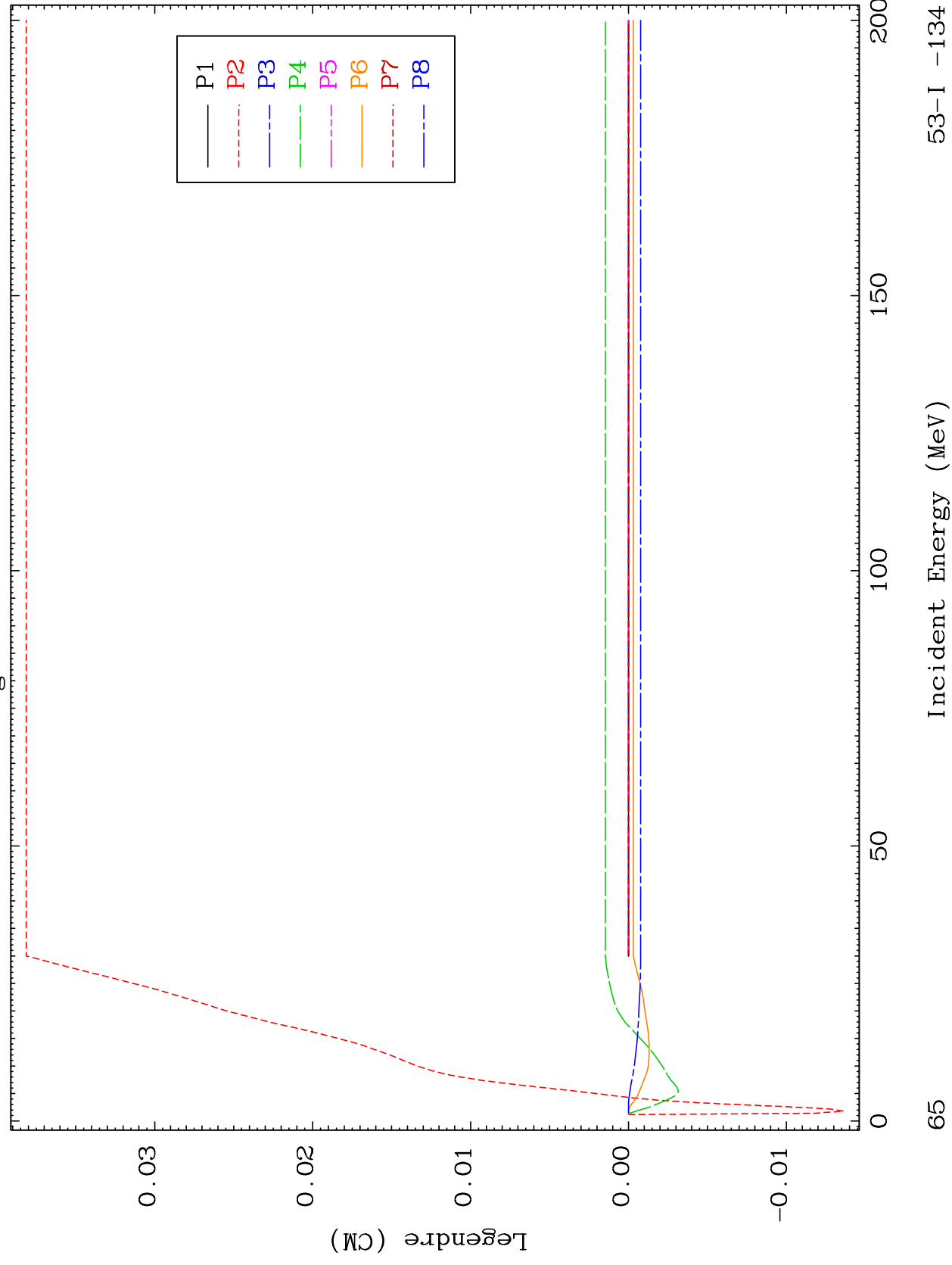


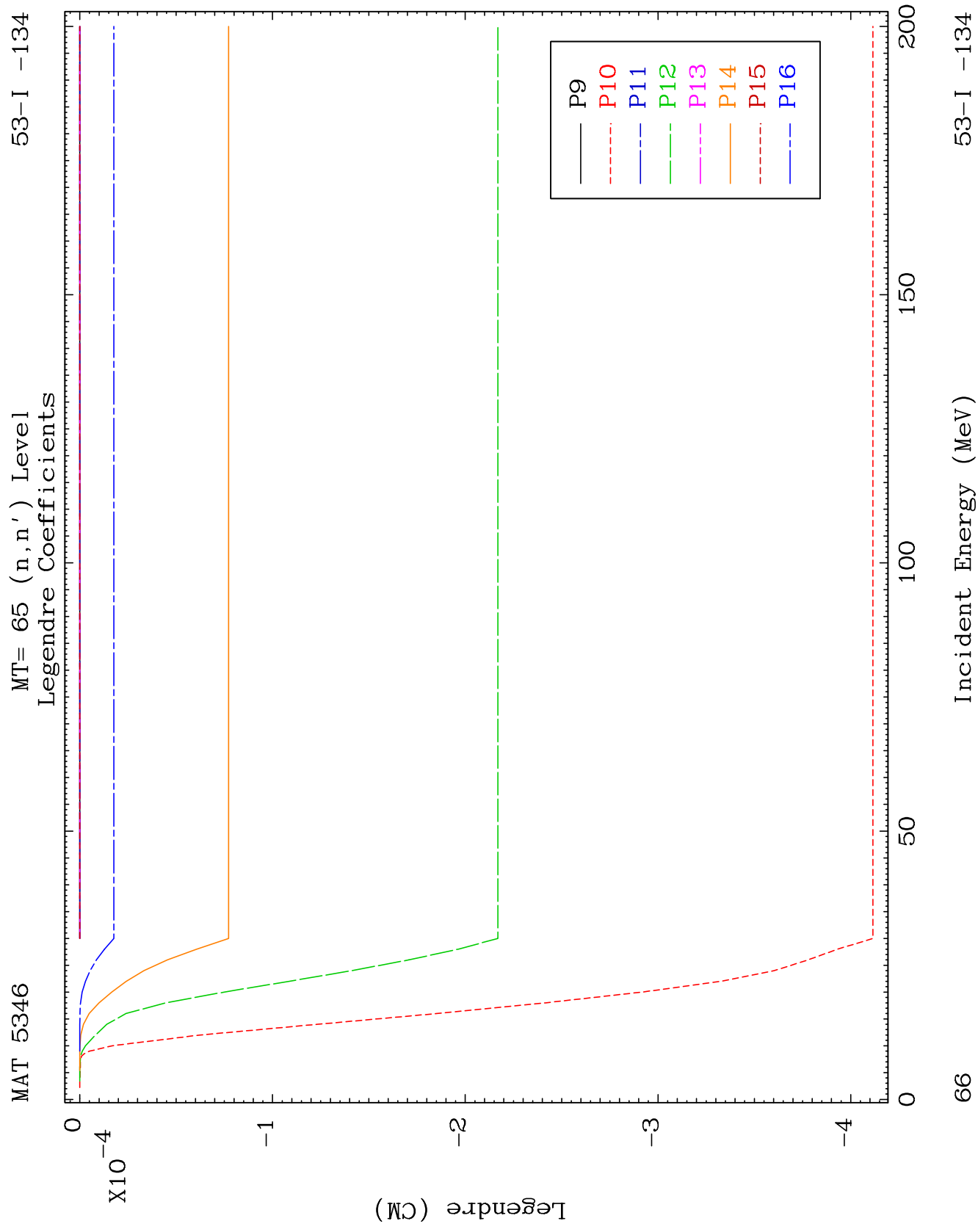


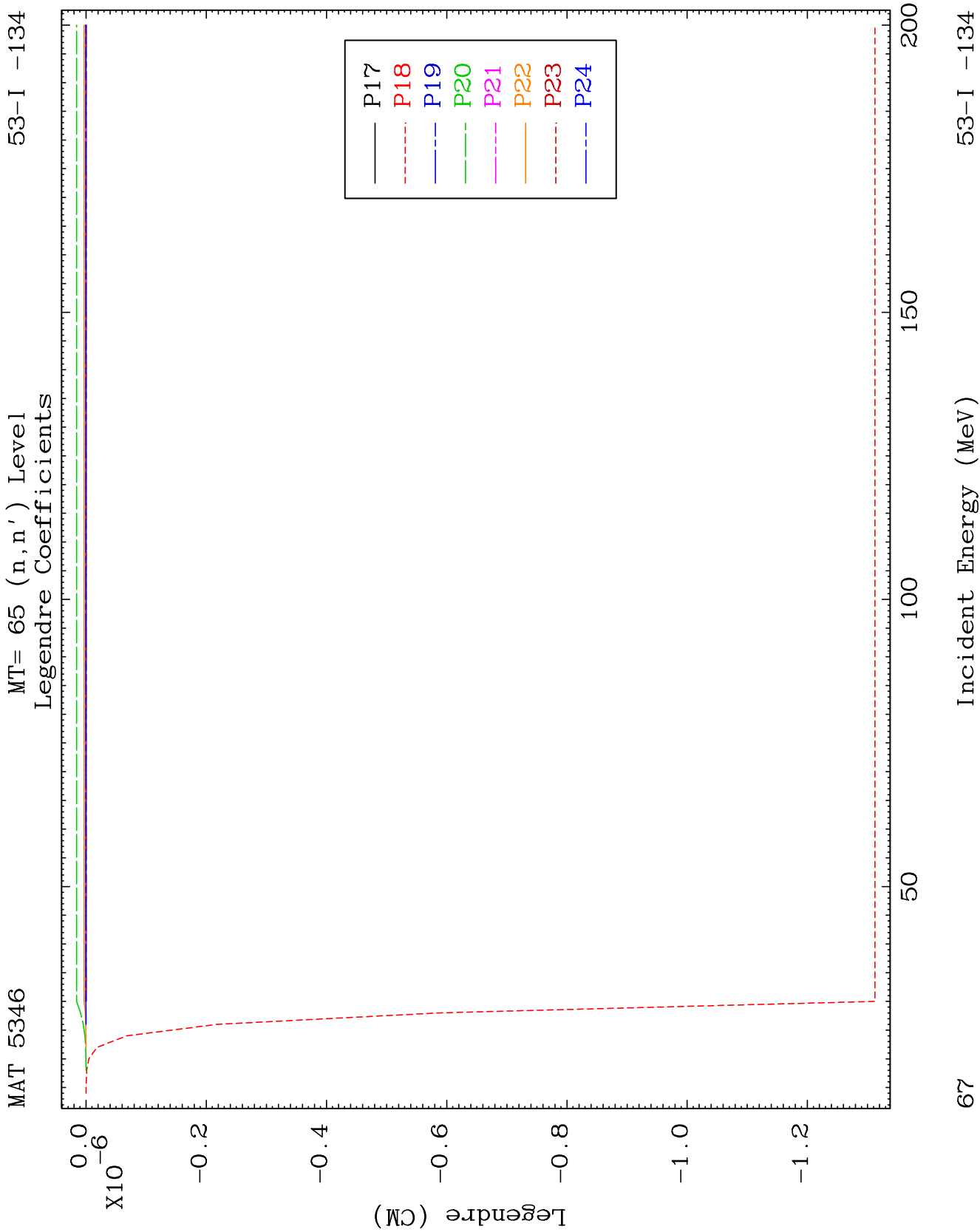
MAT 5346

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

53-I -134



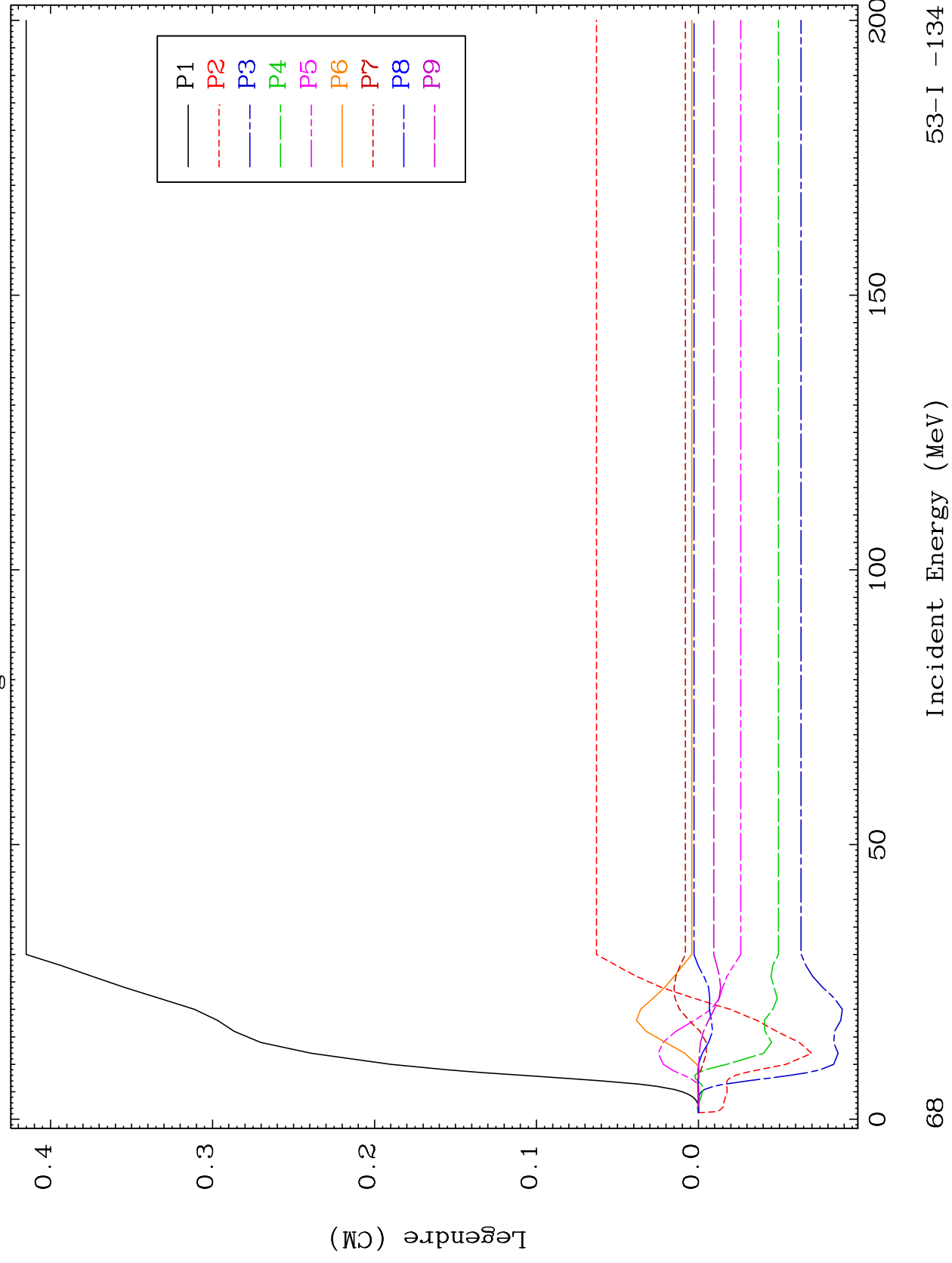




MAT 5346

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

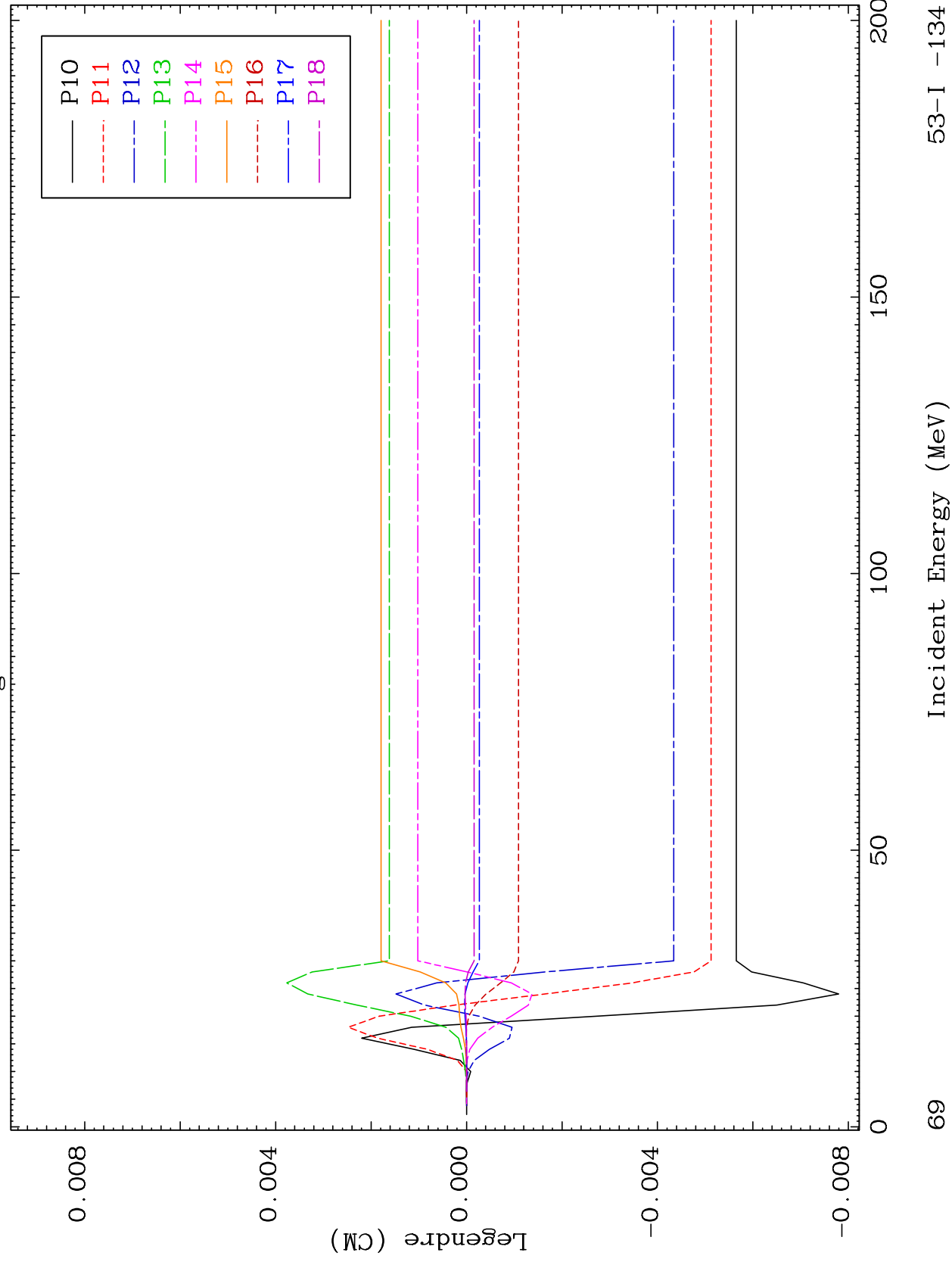
53-I -134



MAT 5346

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

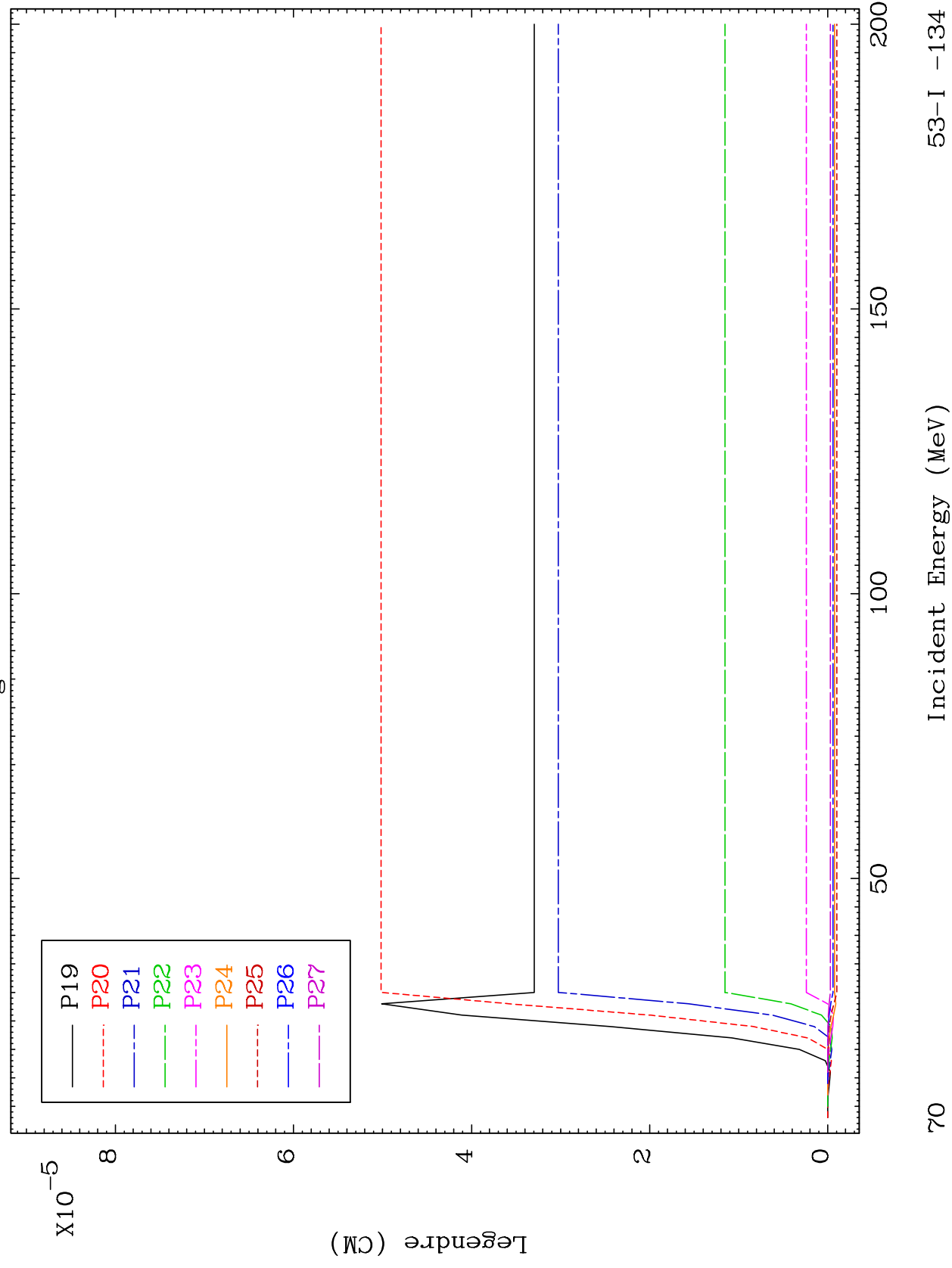
53-I -134

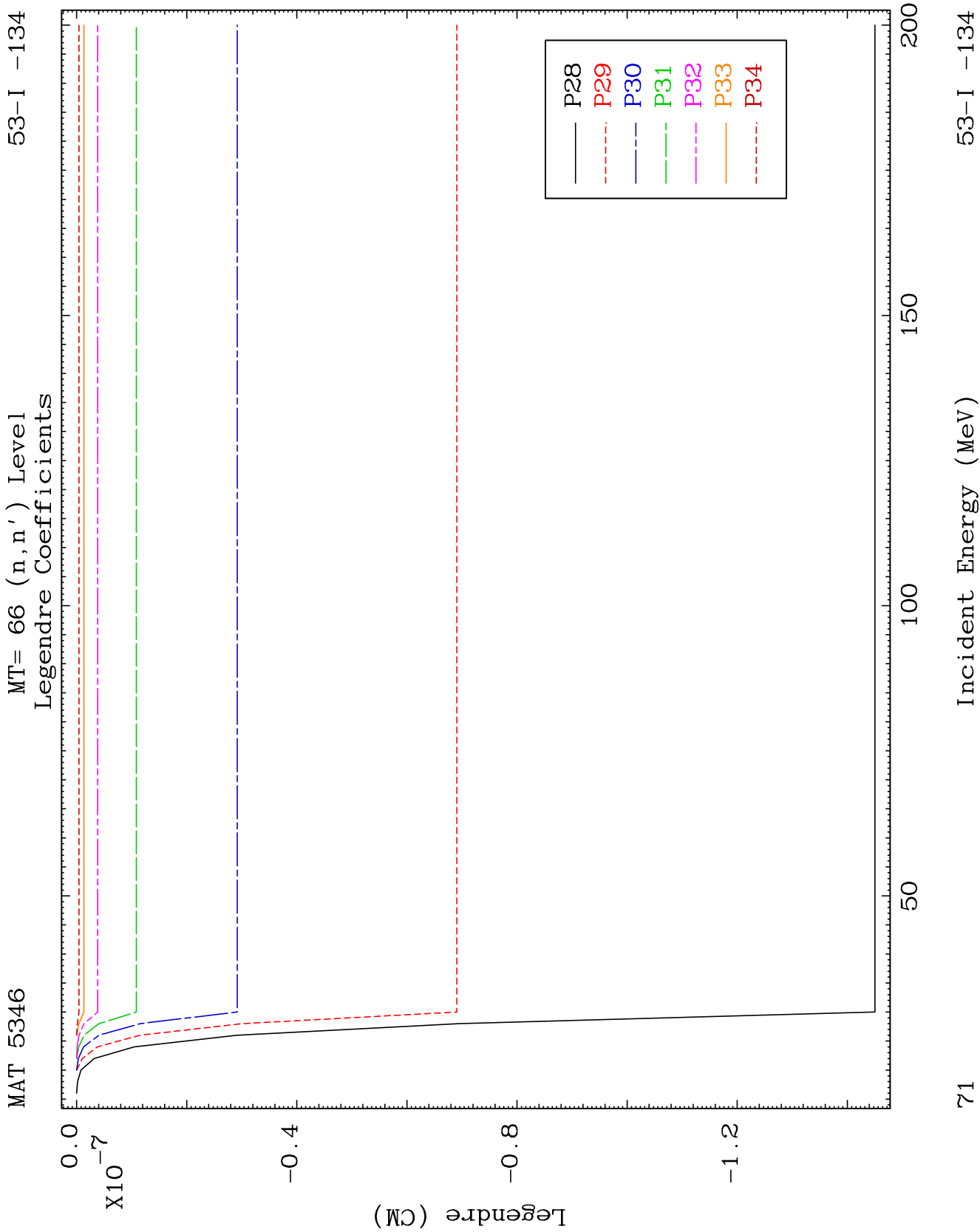


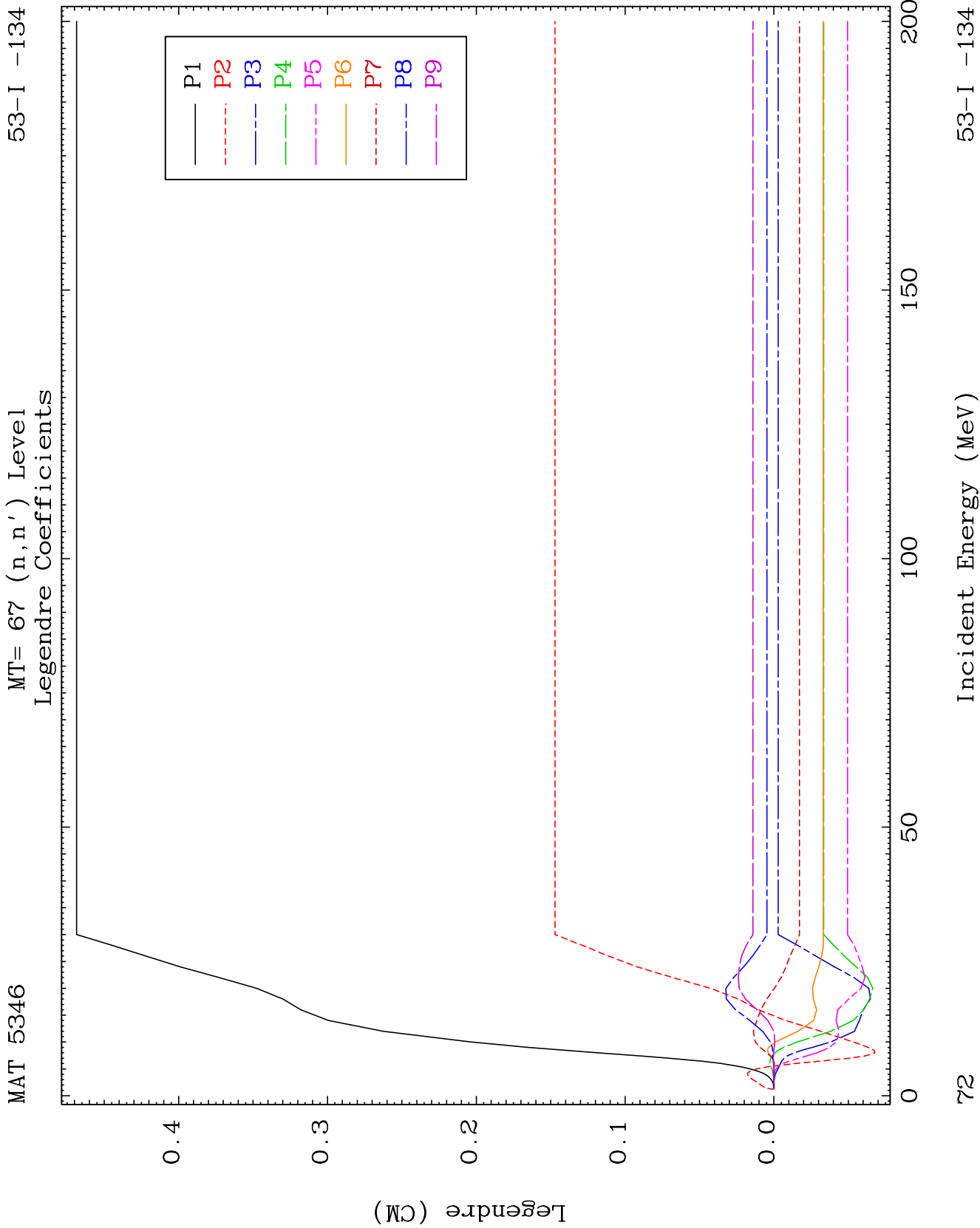
MAT 5346

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

53-I -134



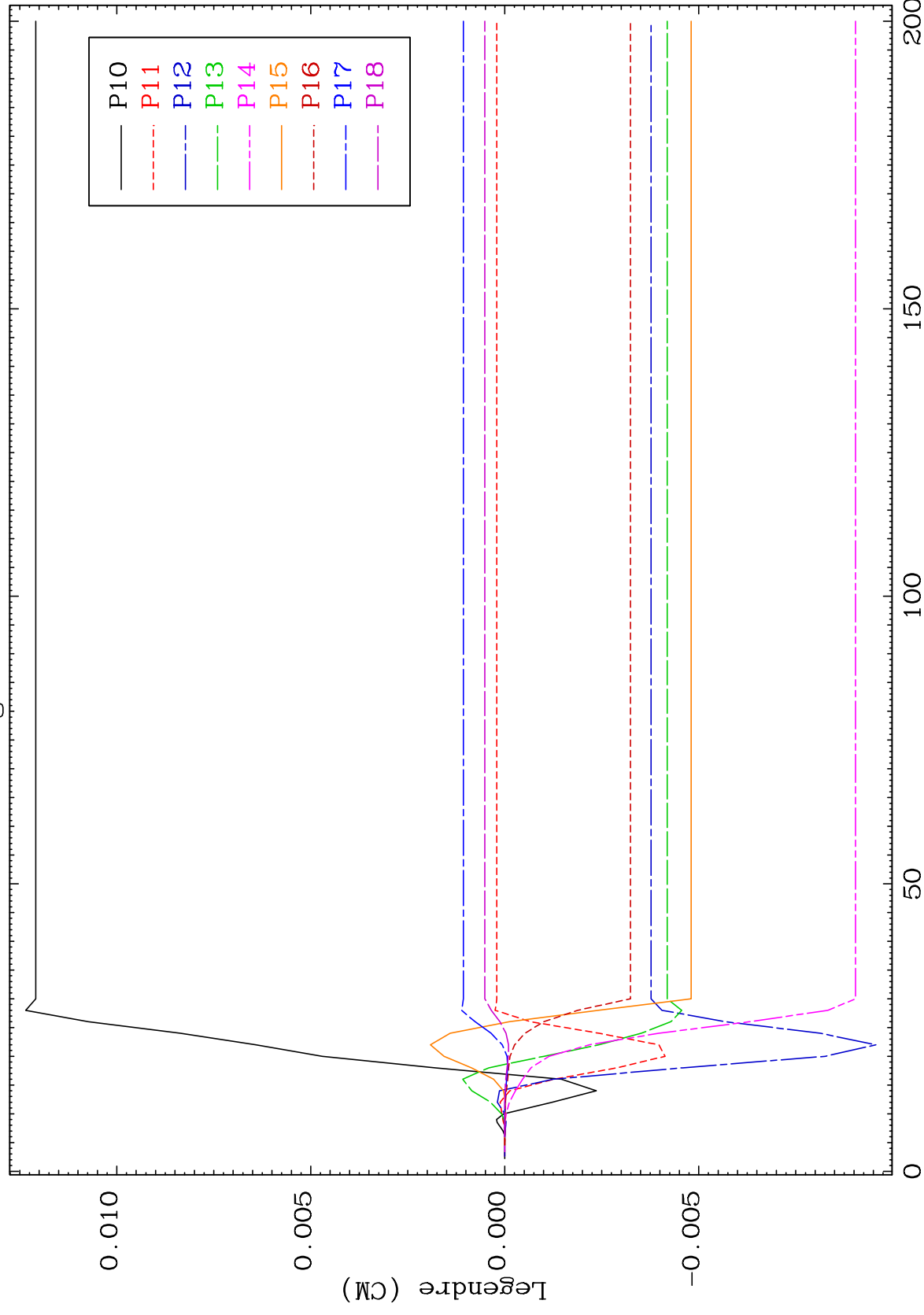




MAT 5346

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

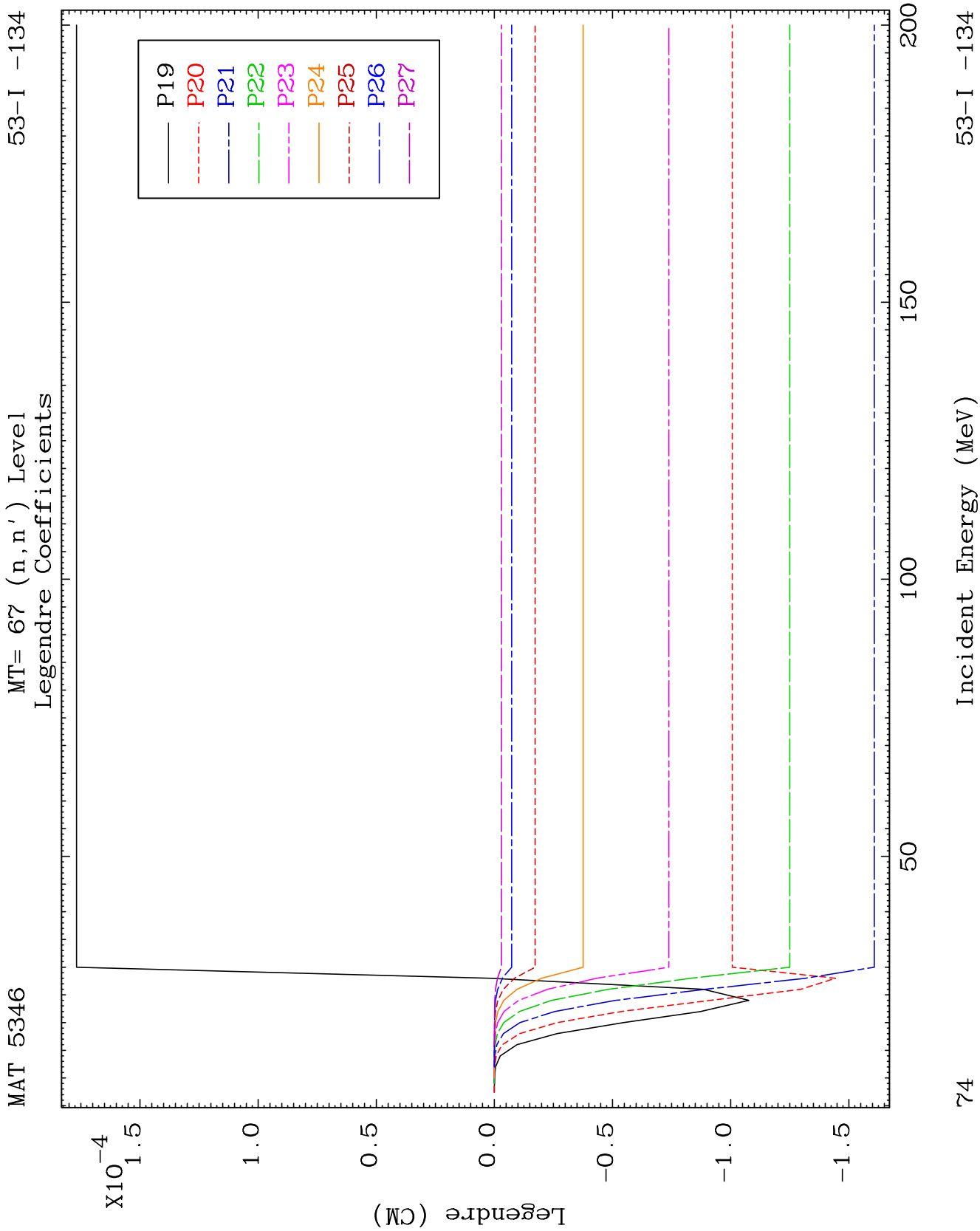
53-I -134

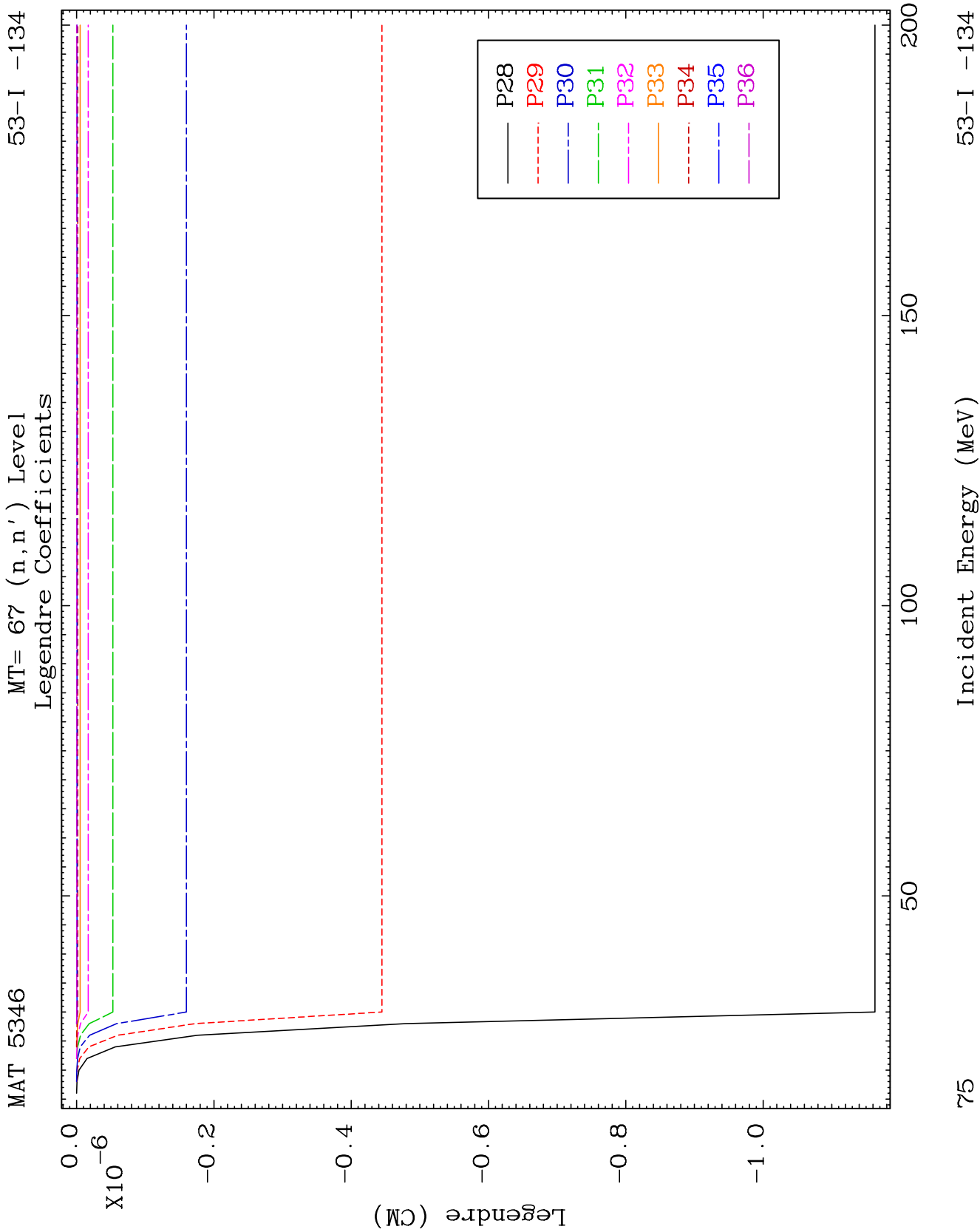


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Incident Energy (MeV)

53-I -134

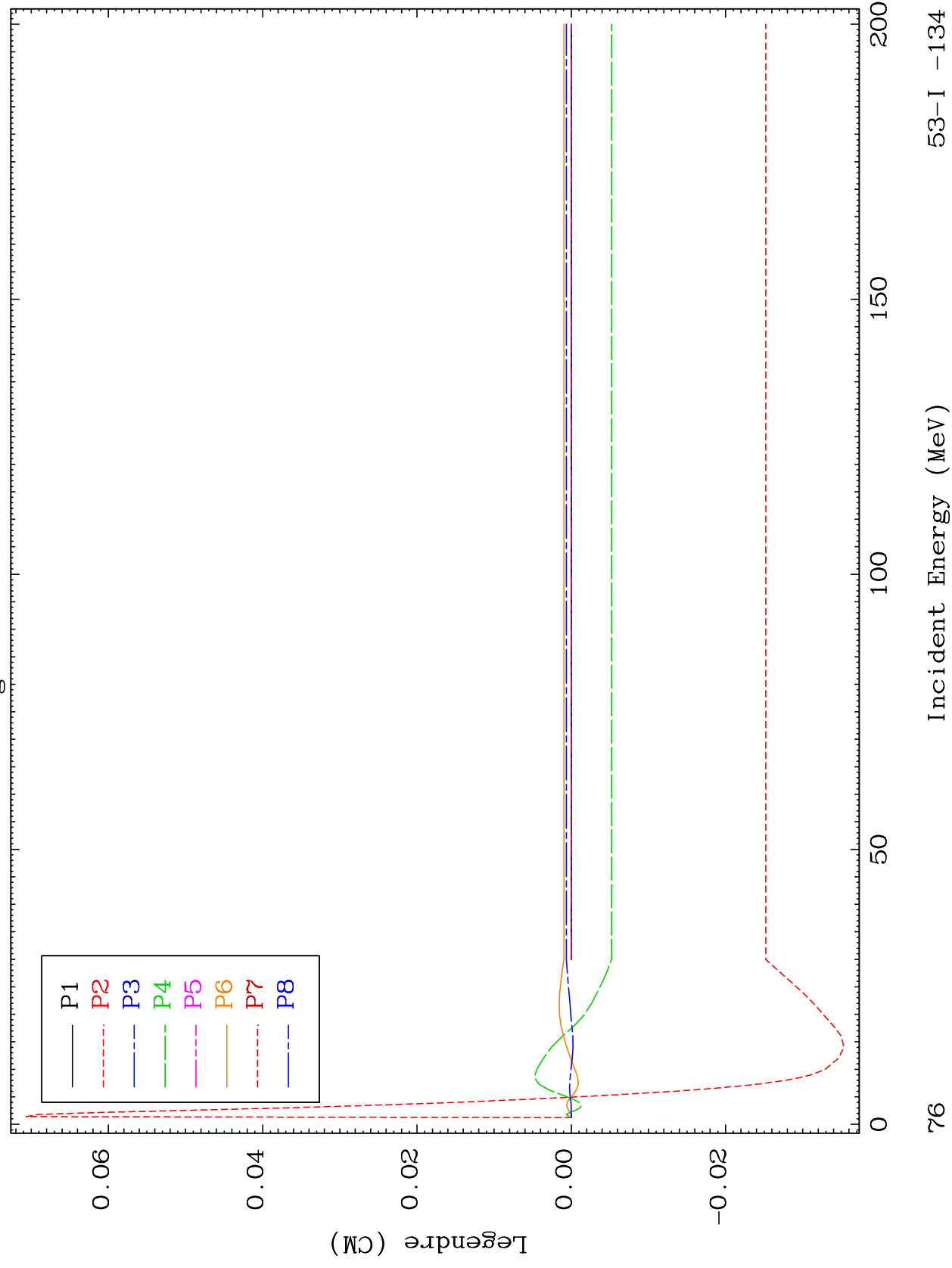


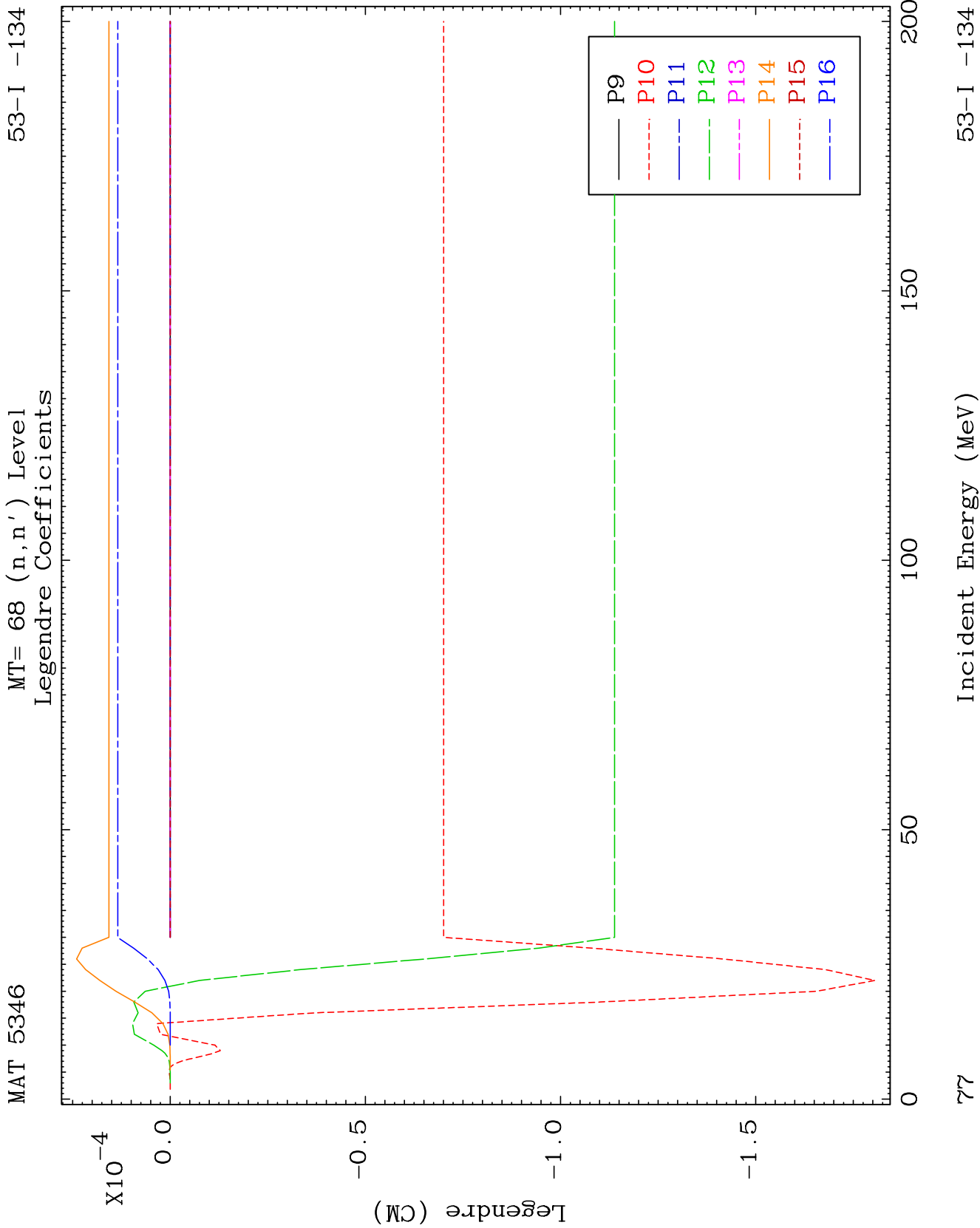


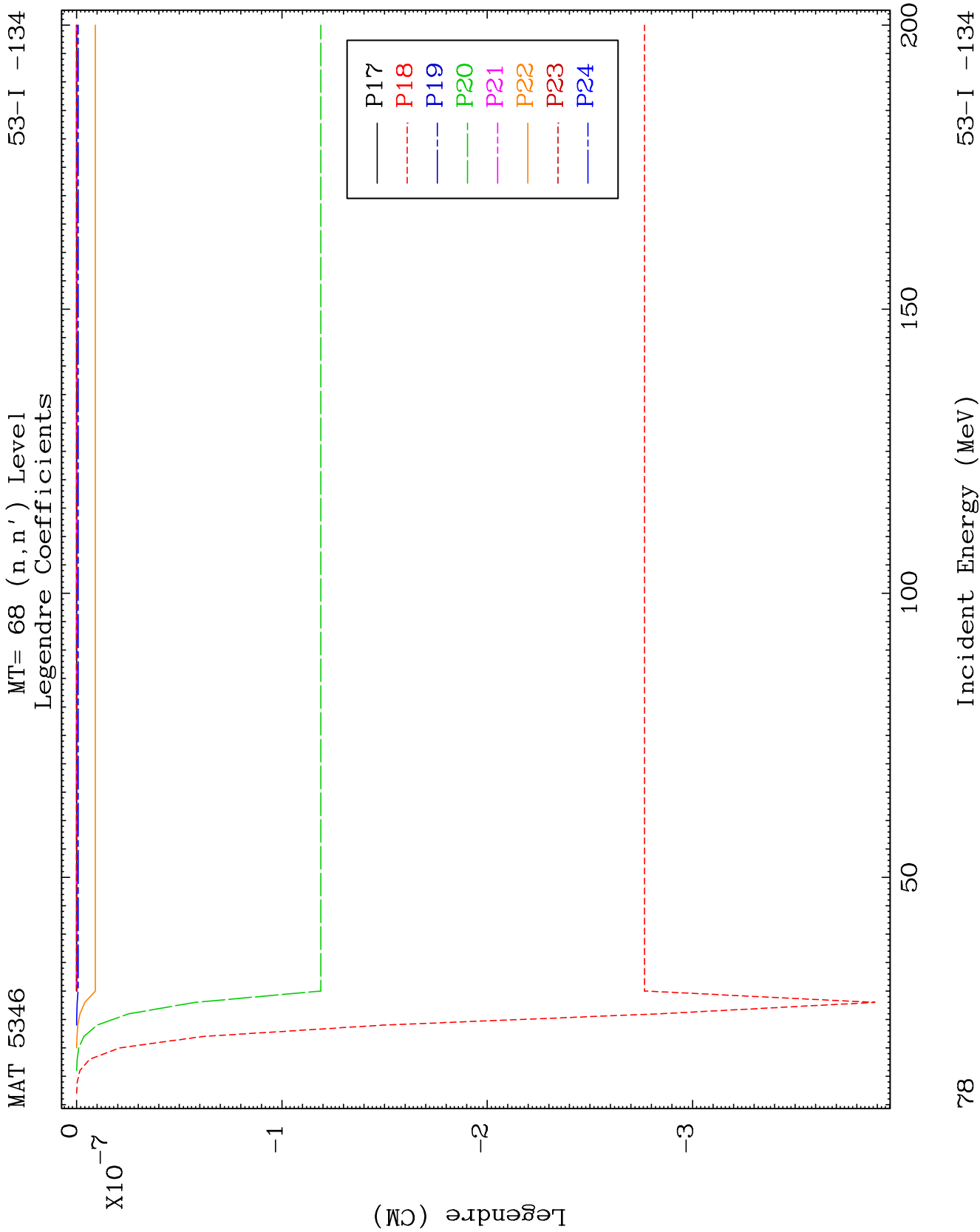
MAT 5346

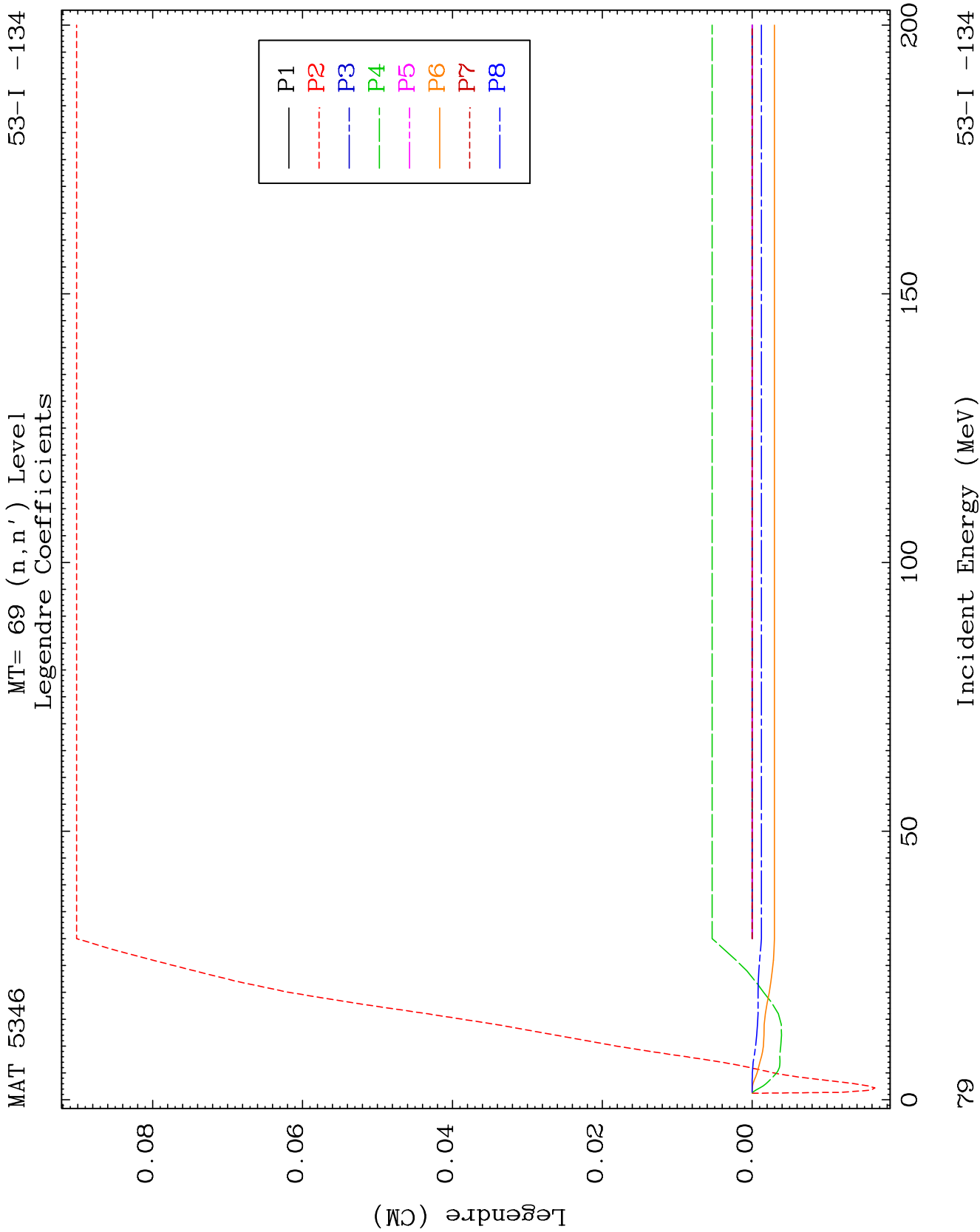
MT= 68 (n, n') Level
Legendre Coefficients

53-I -134





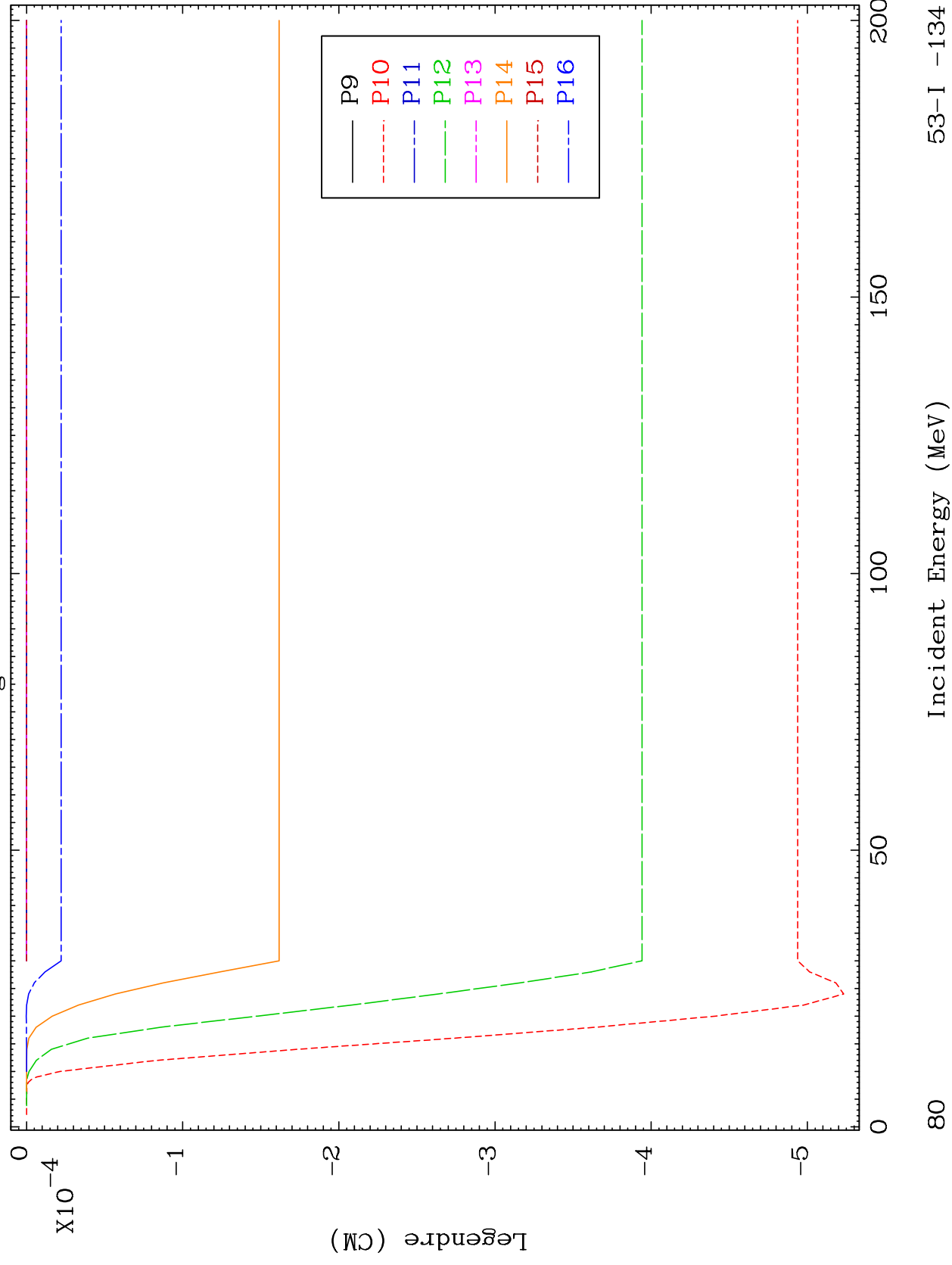




MAT 5346

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

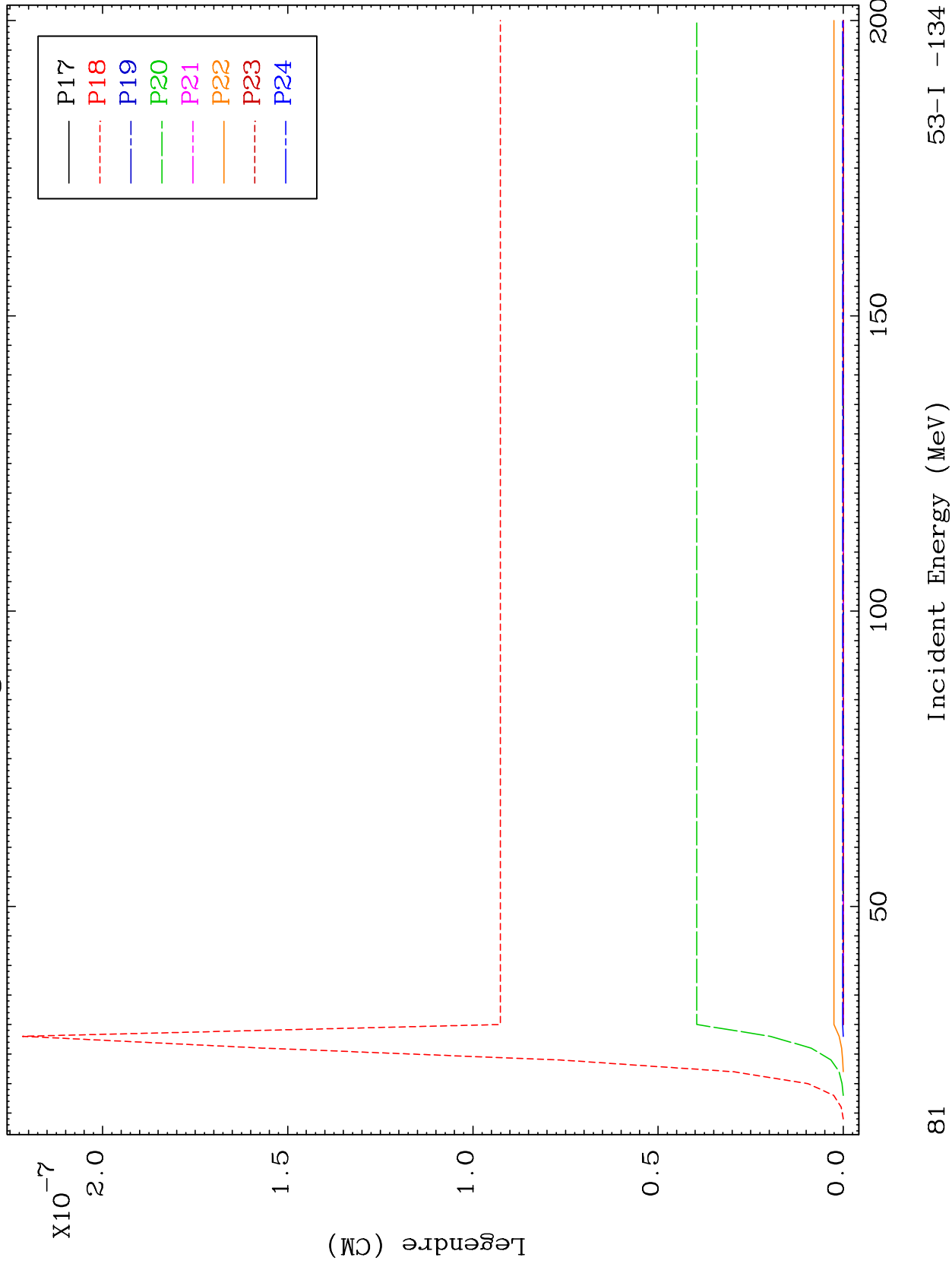
53-I -134

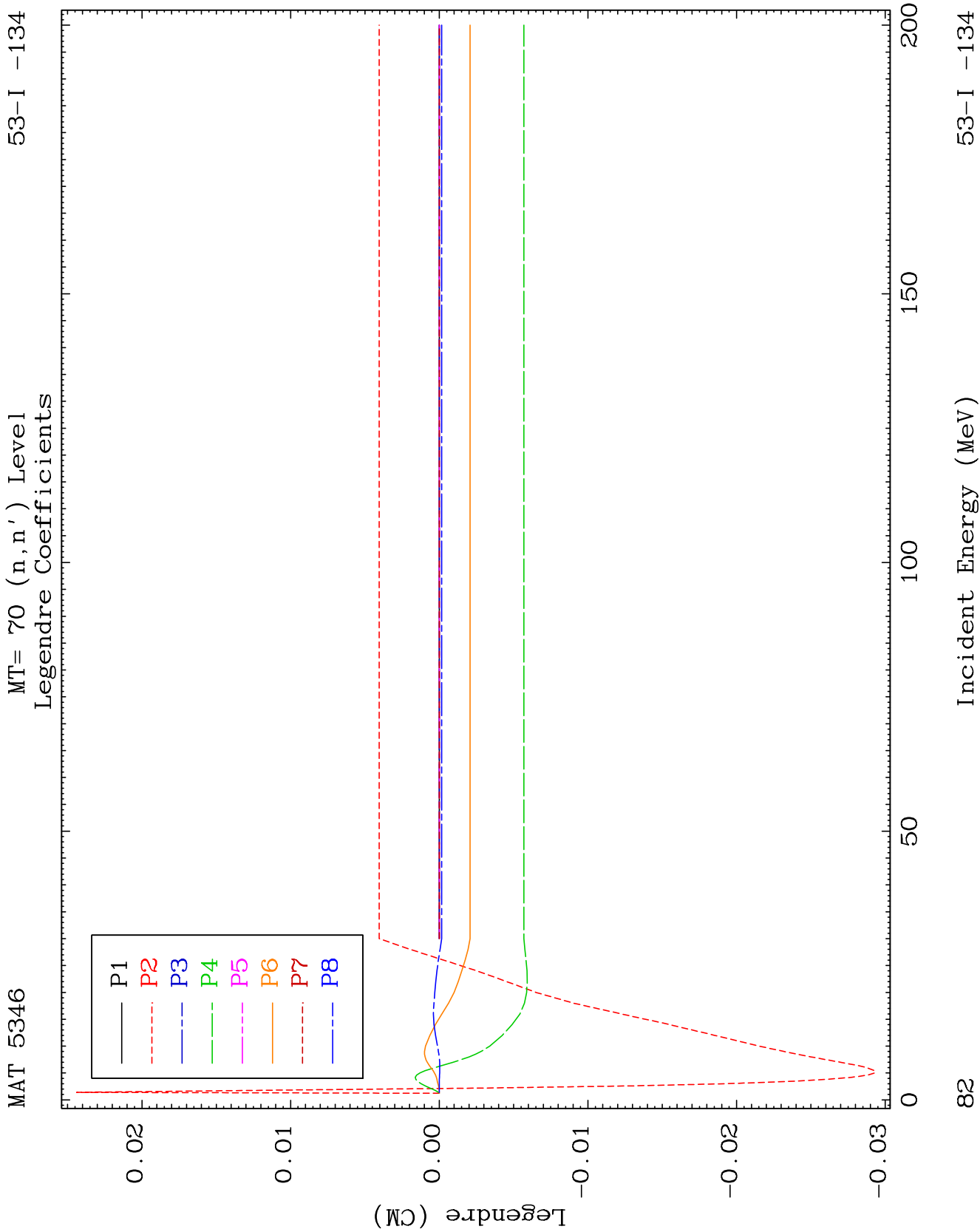


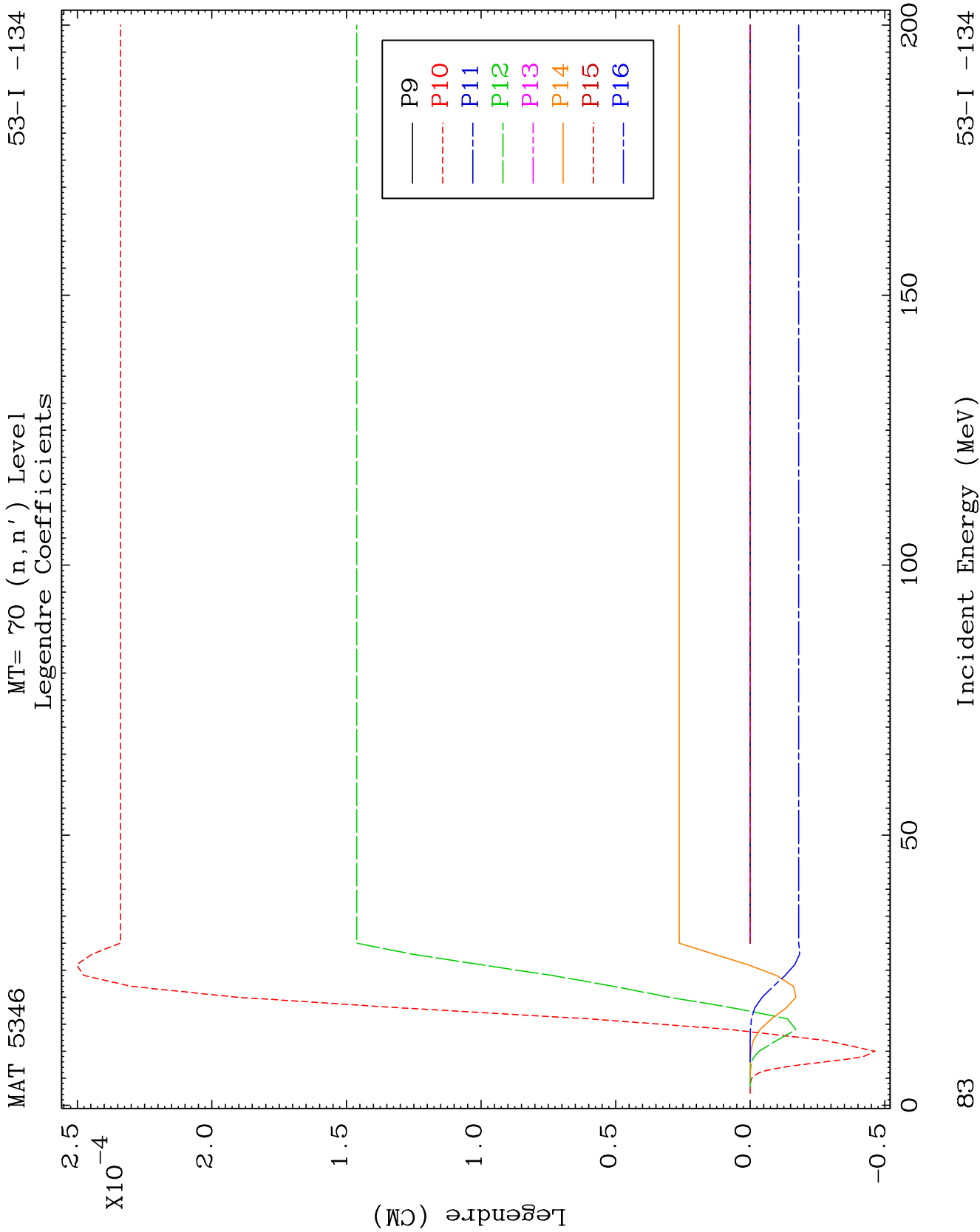
MAT 5346

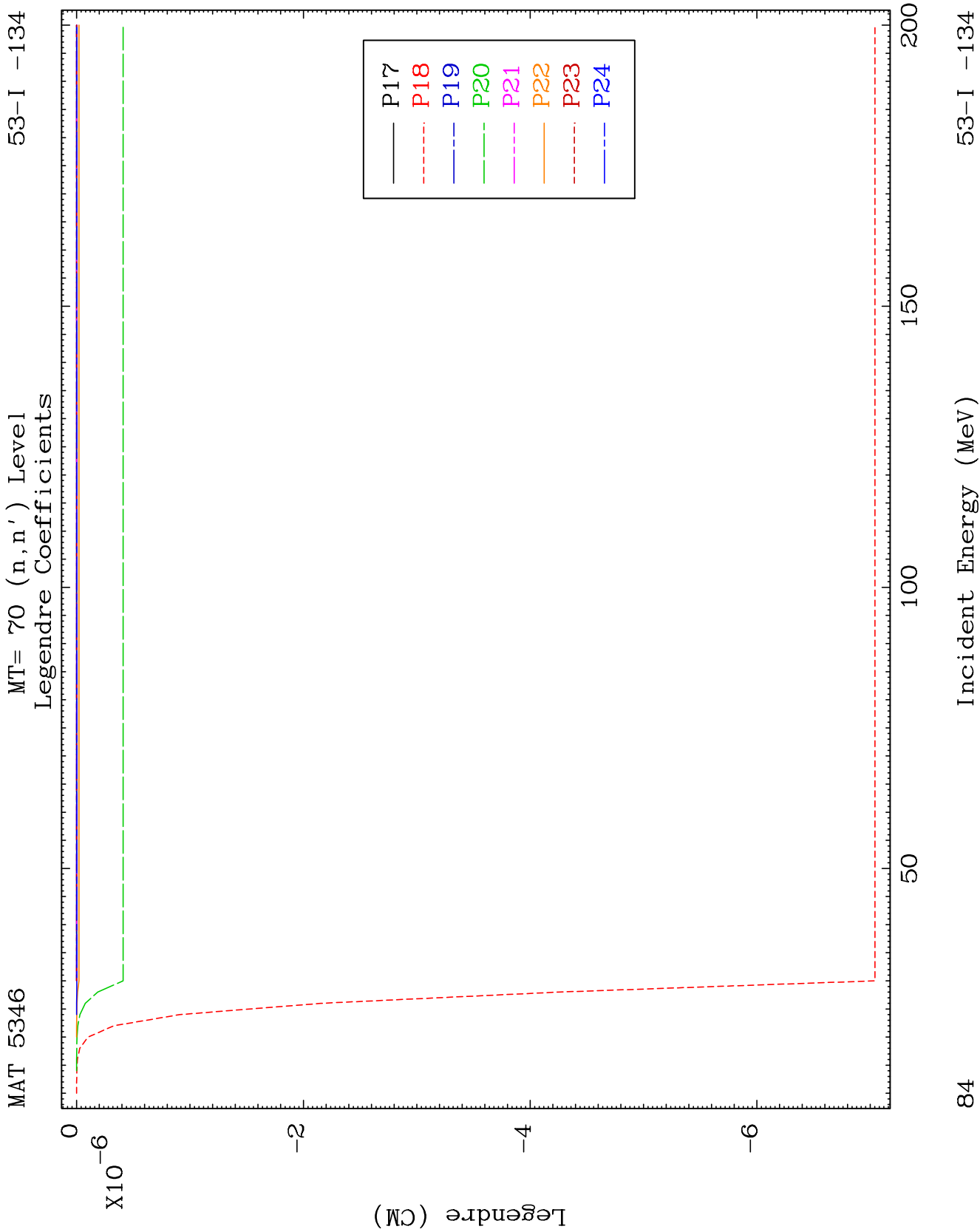
MT= 69 (n, n') Level
Legendre Coefficients

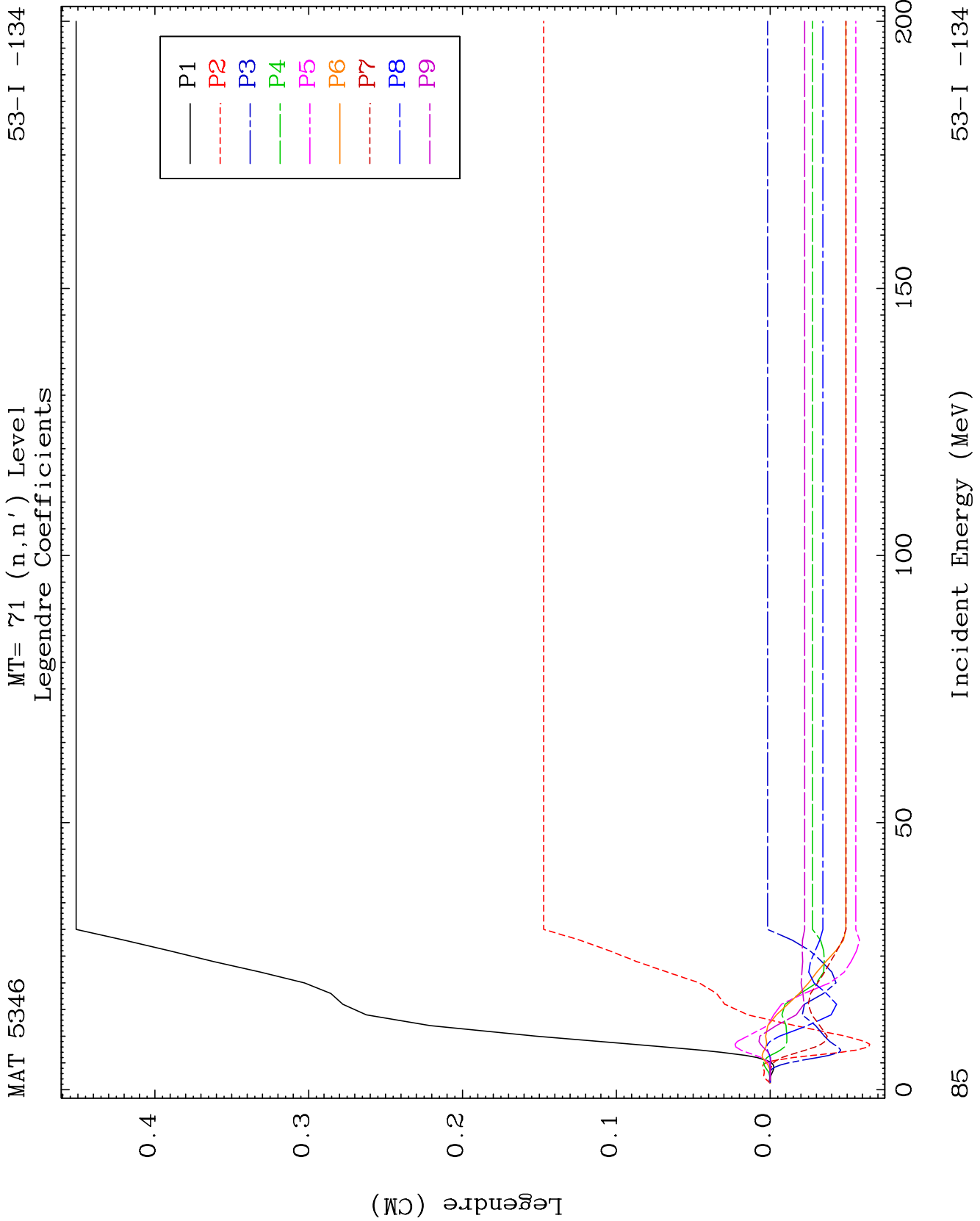
53-I -134

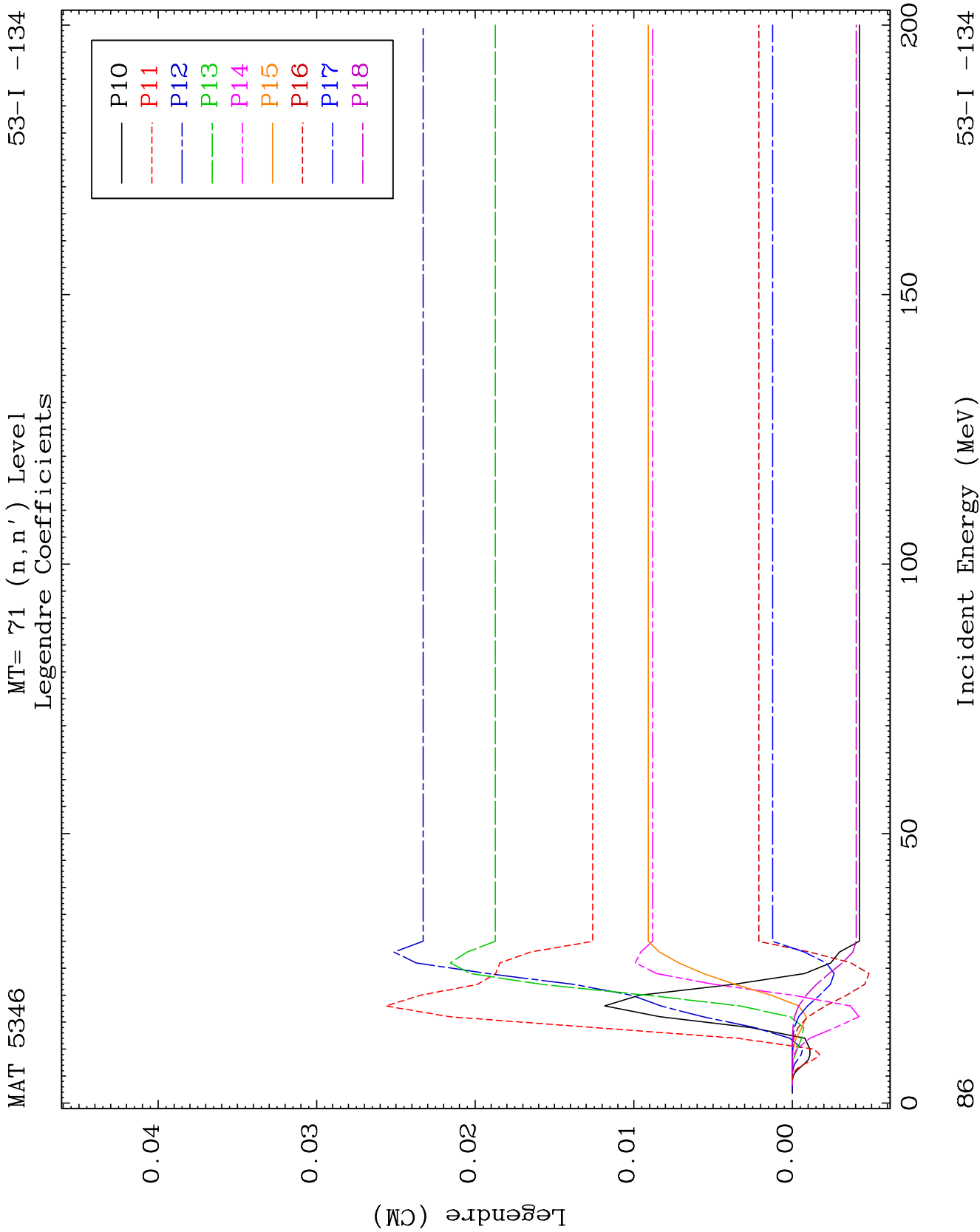


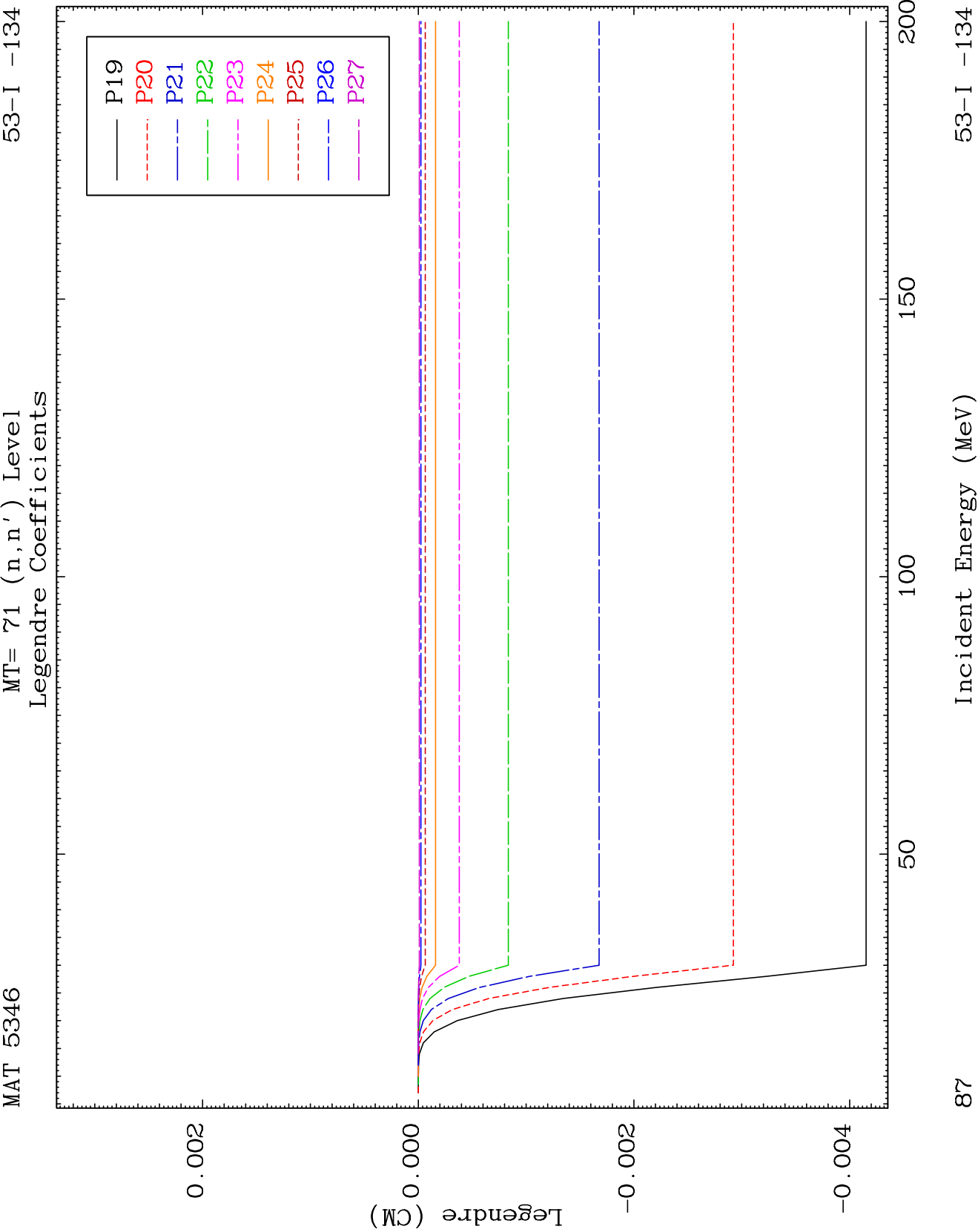


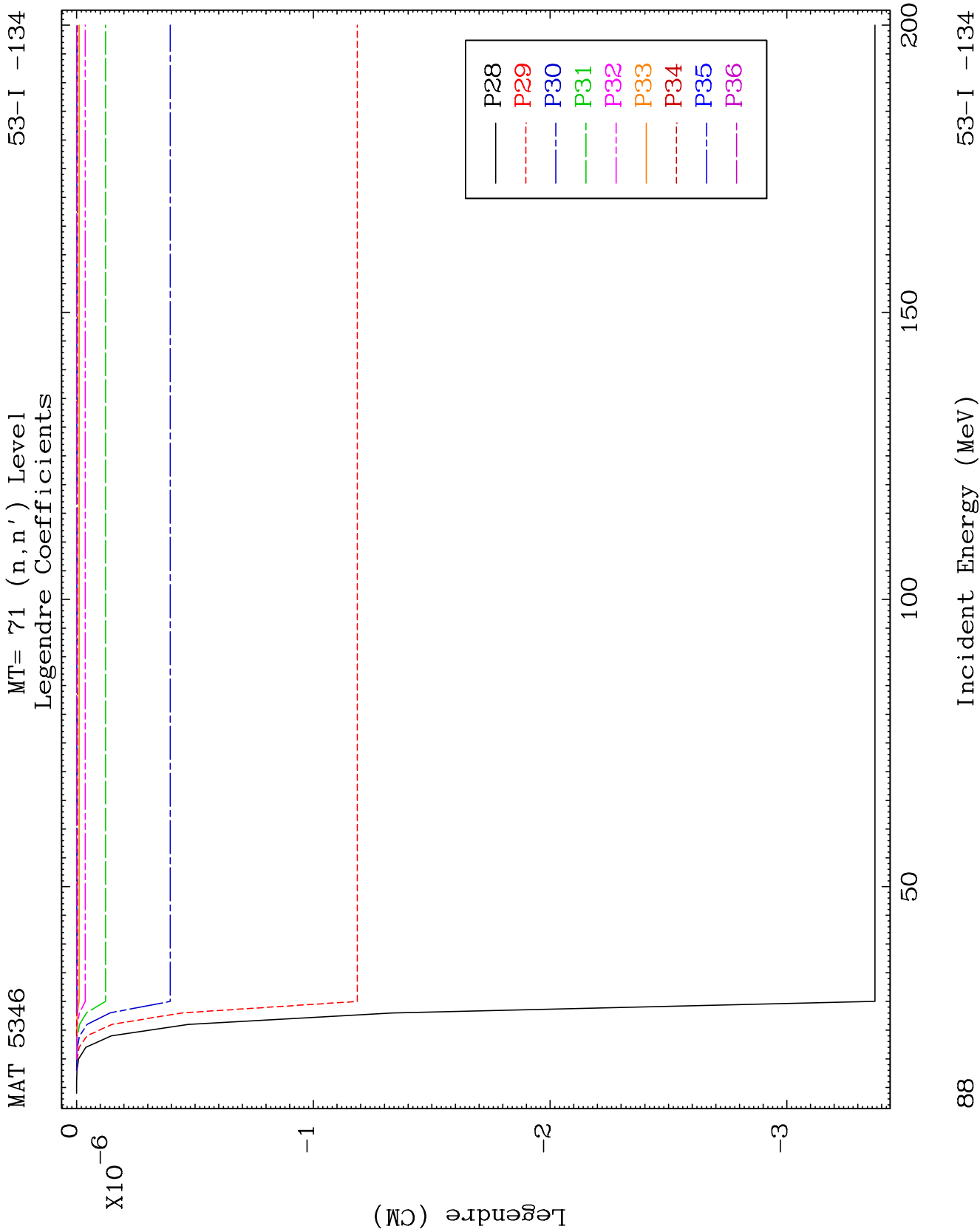








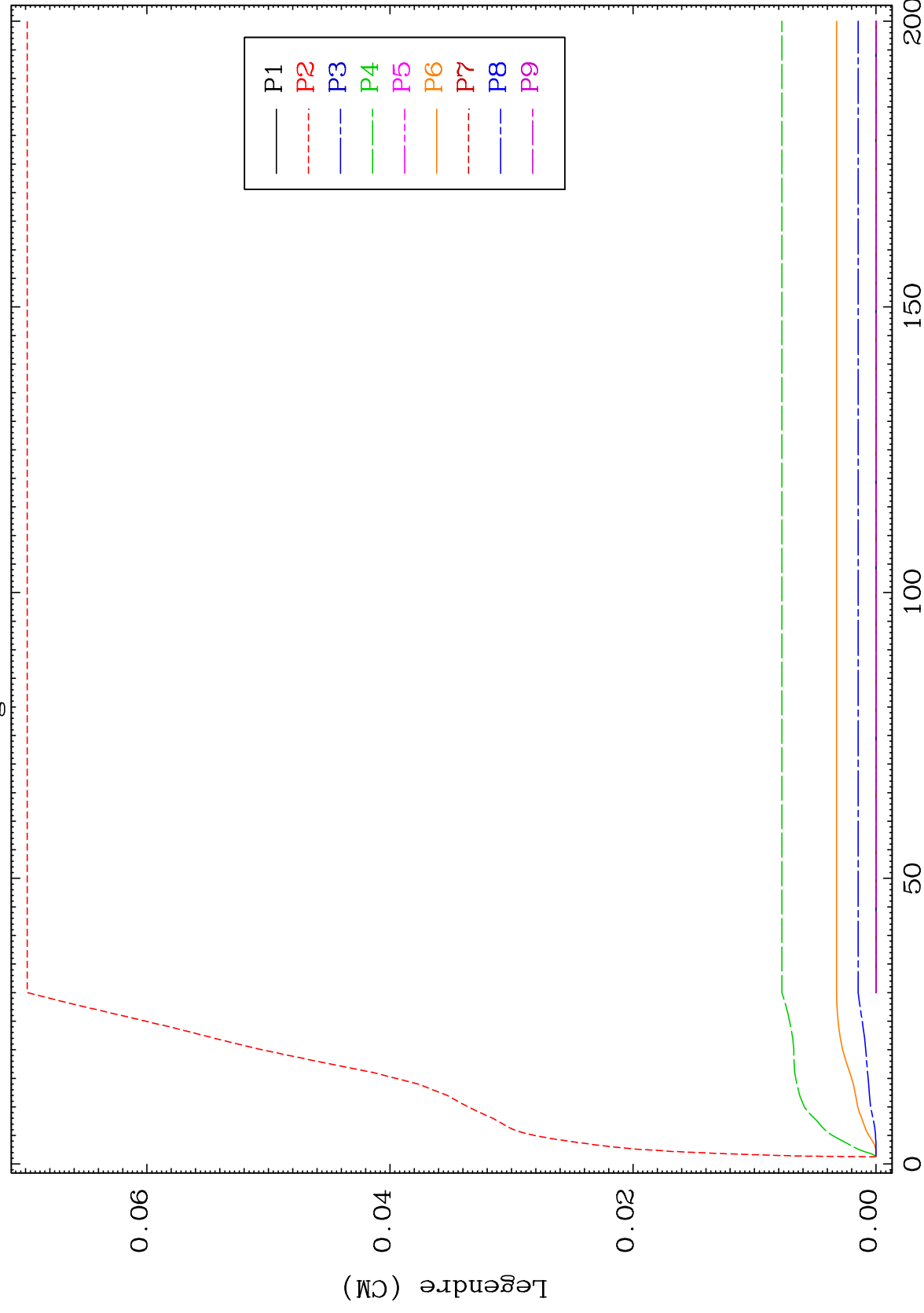




MAT 5346

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

53-I -134



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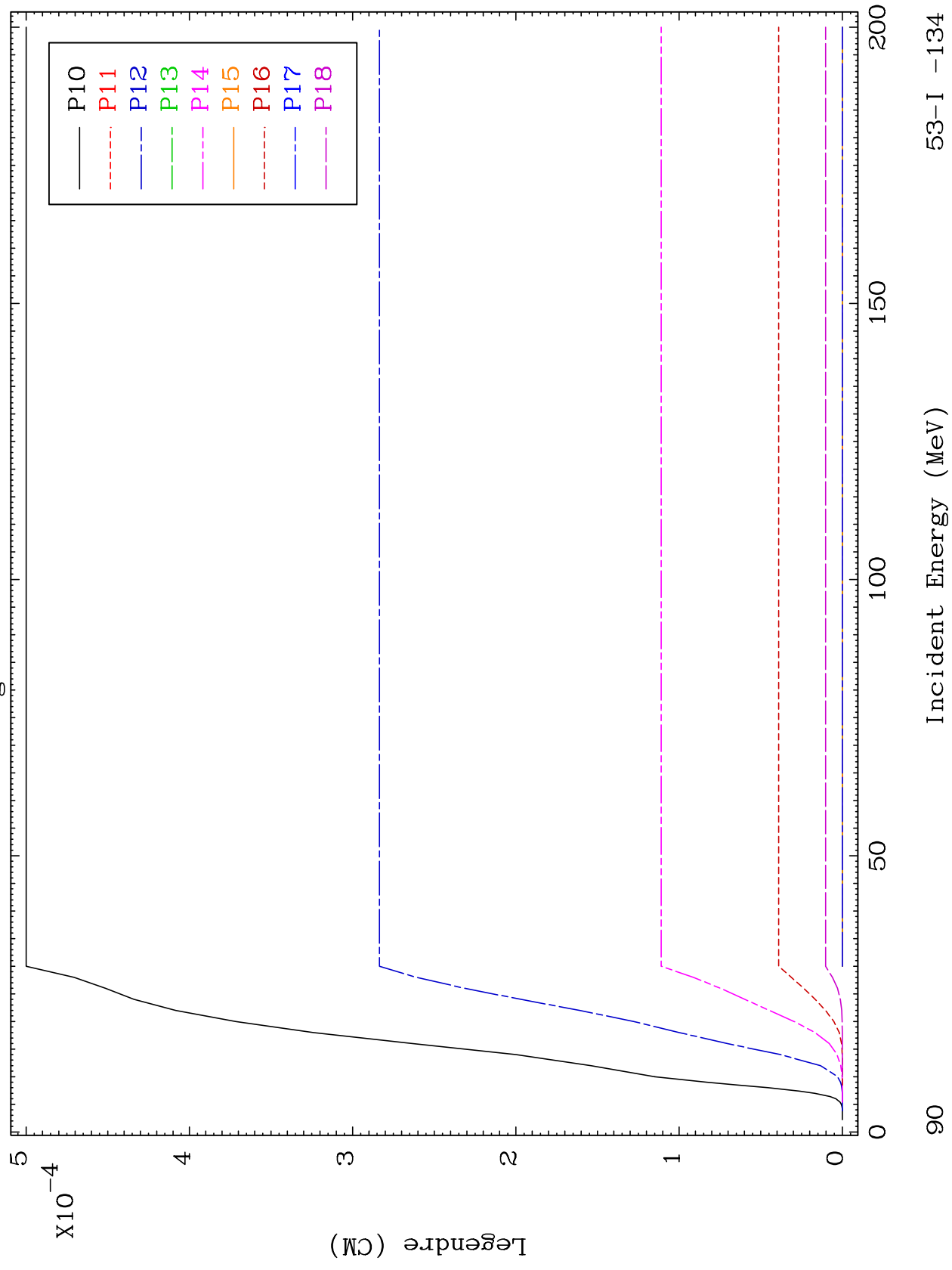
Incident Energy (MeV)

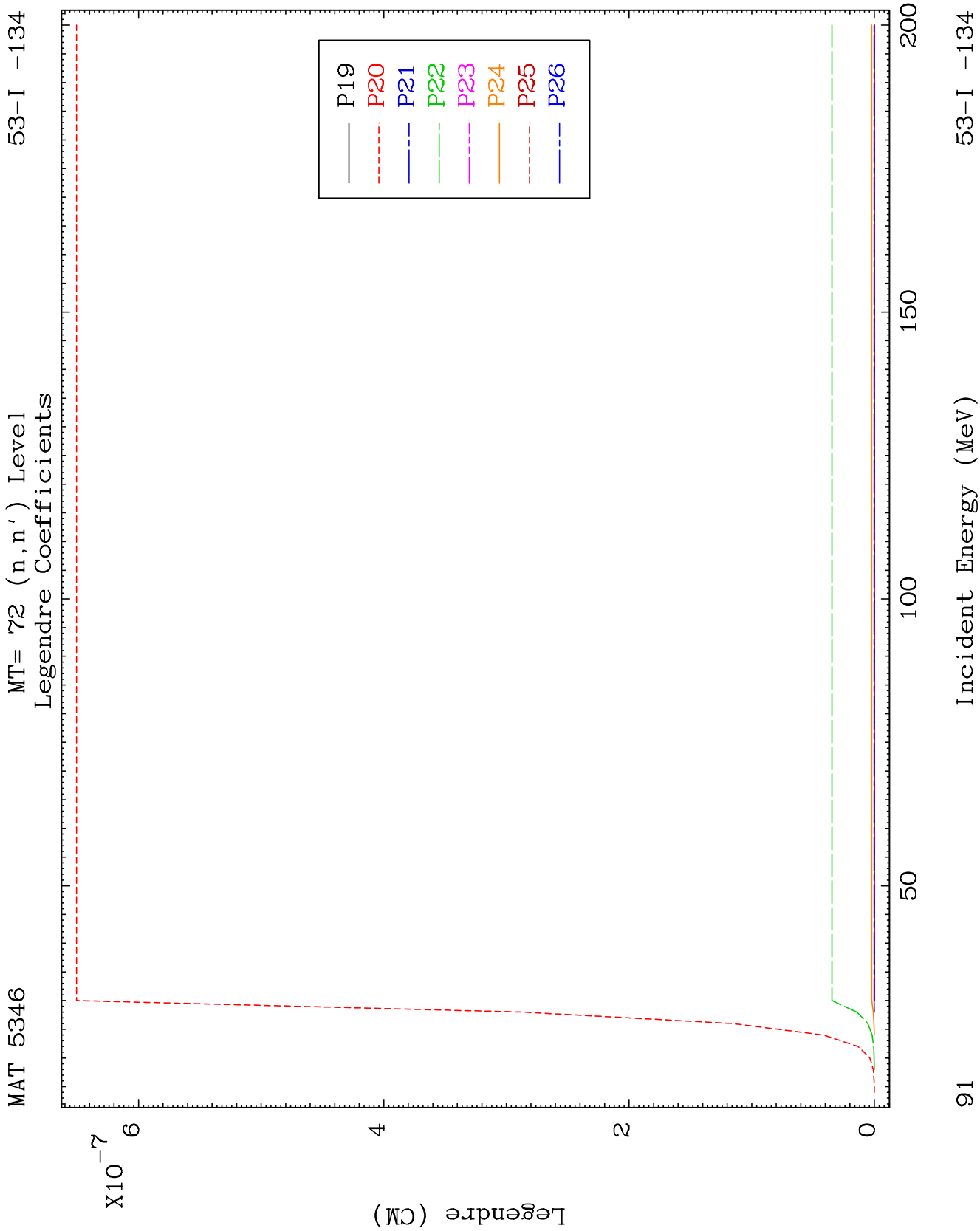
53-I -134

MAT 5346

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

53-I -134

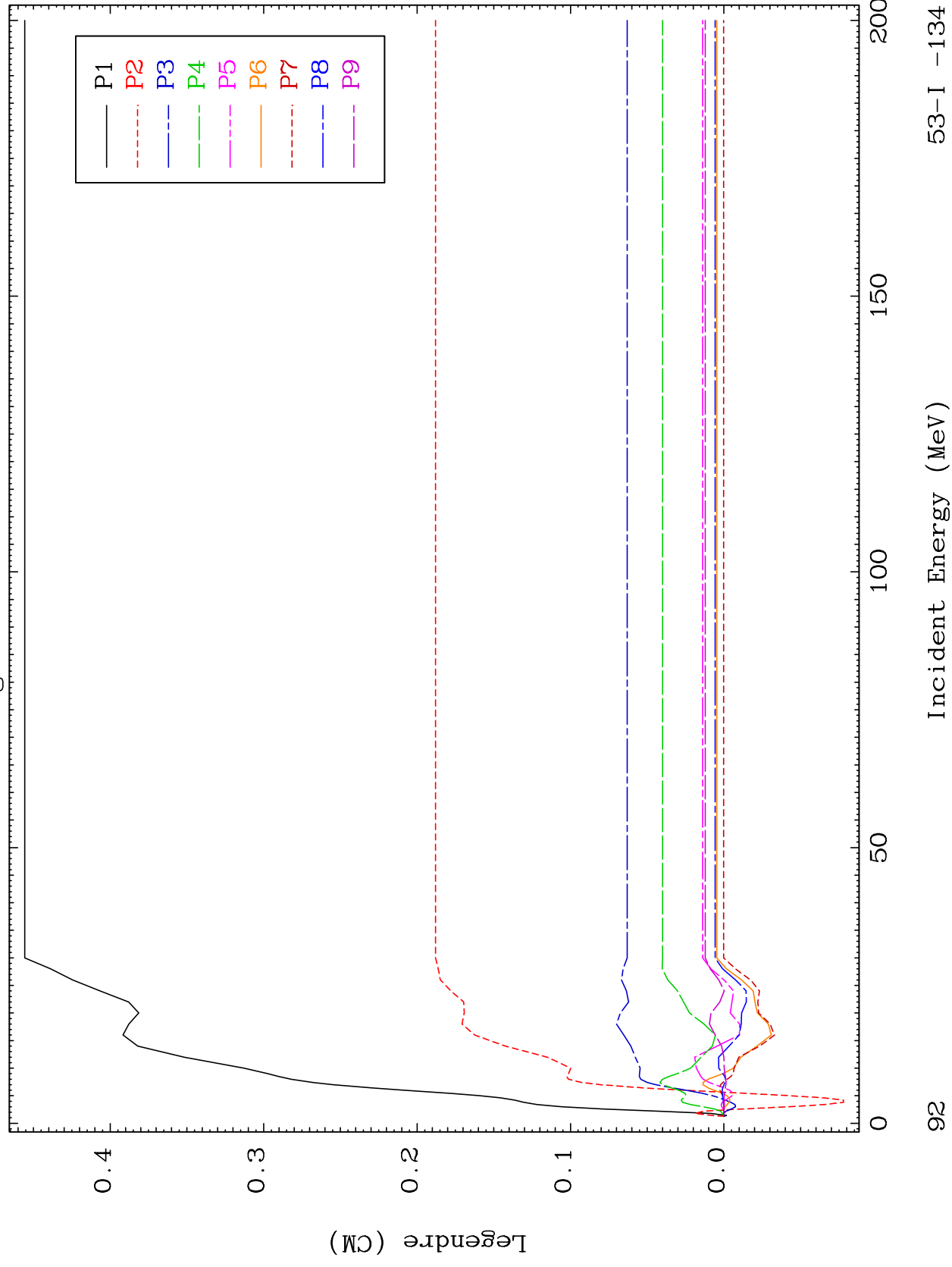


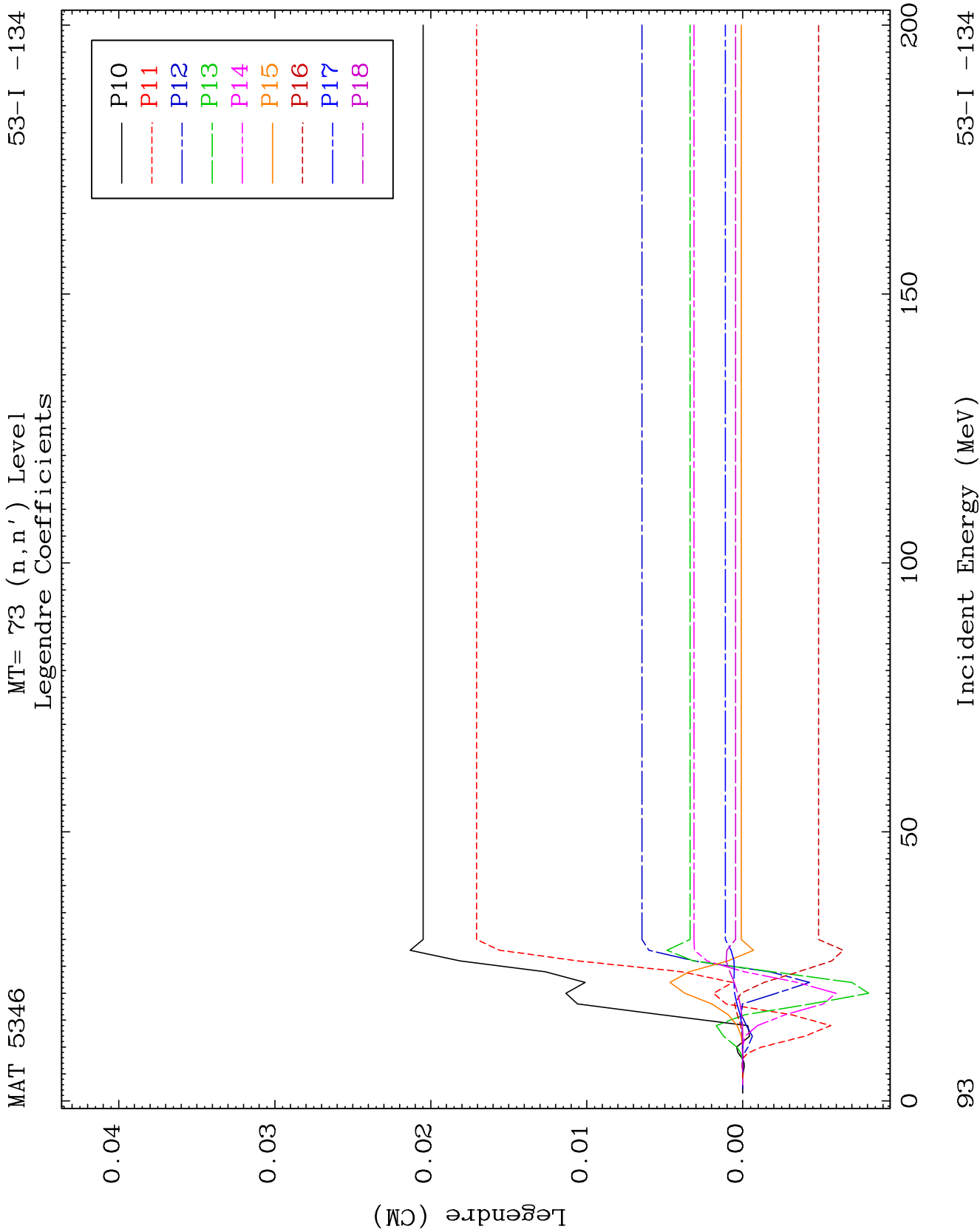


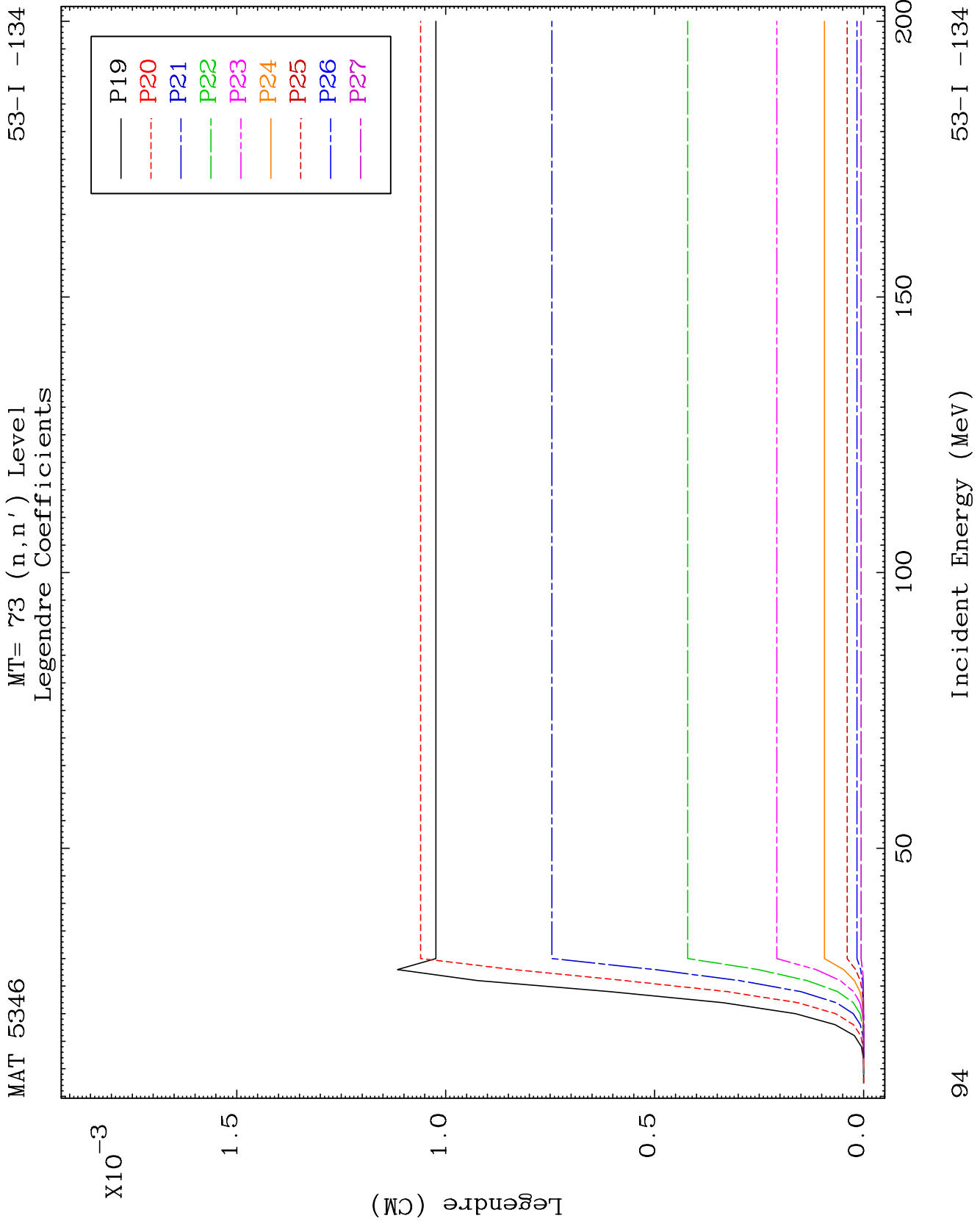
MAT 5346

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

53-I -134



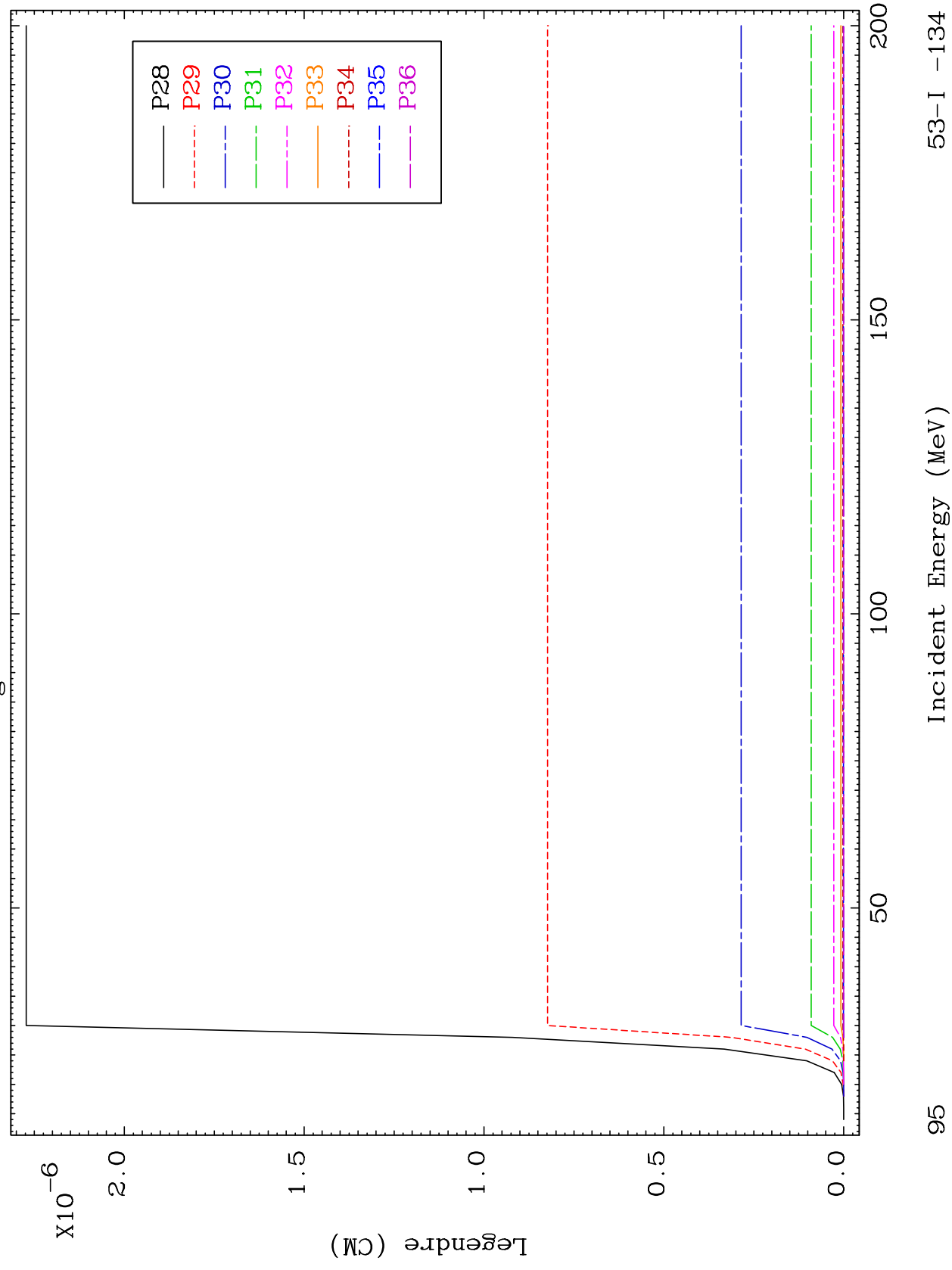


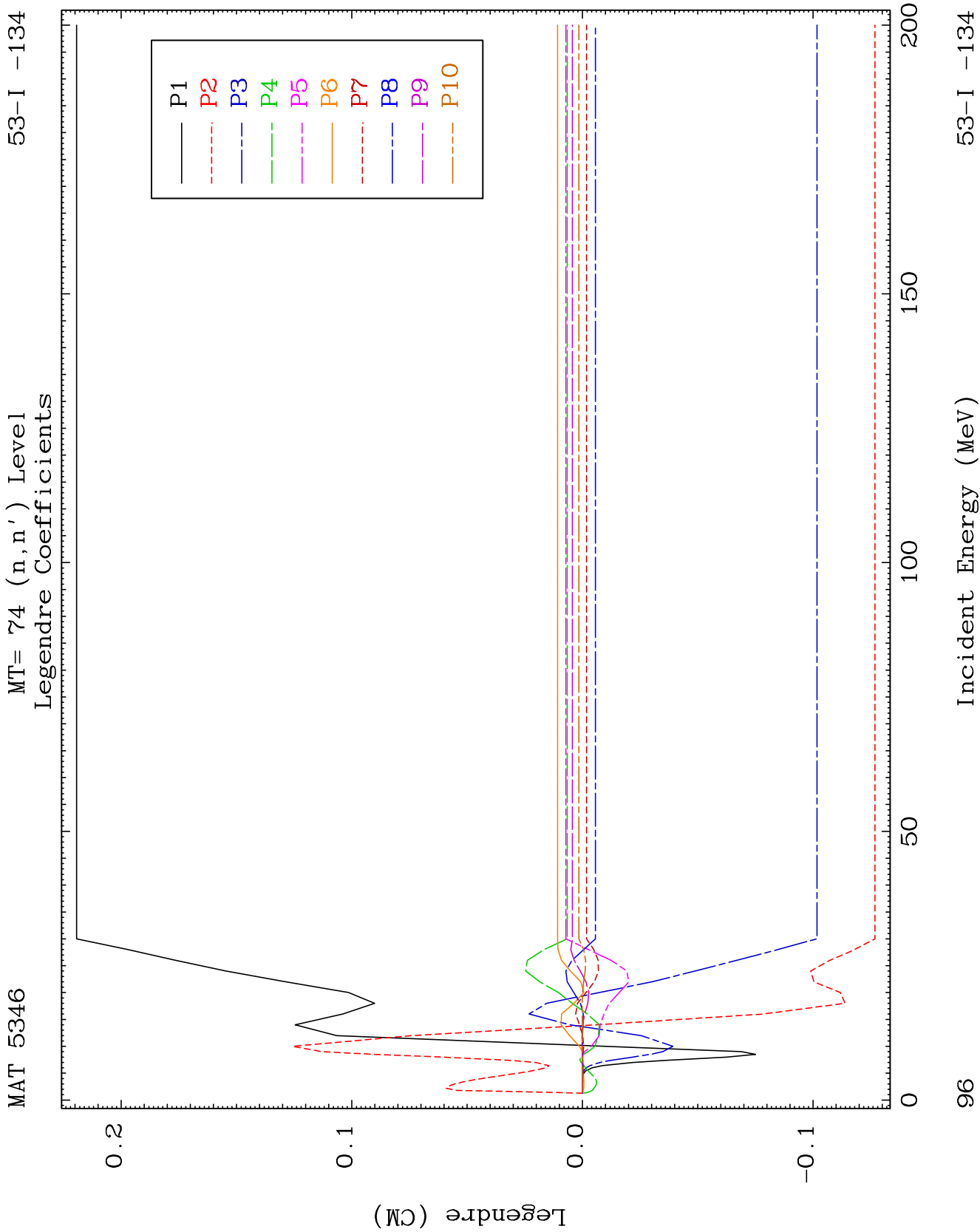


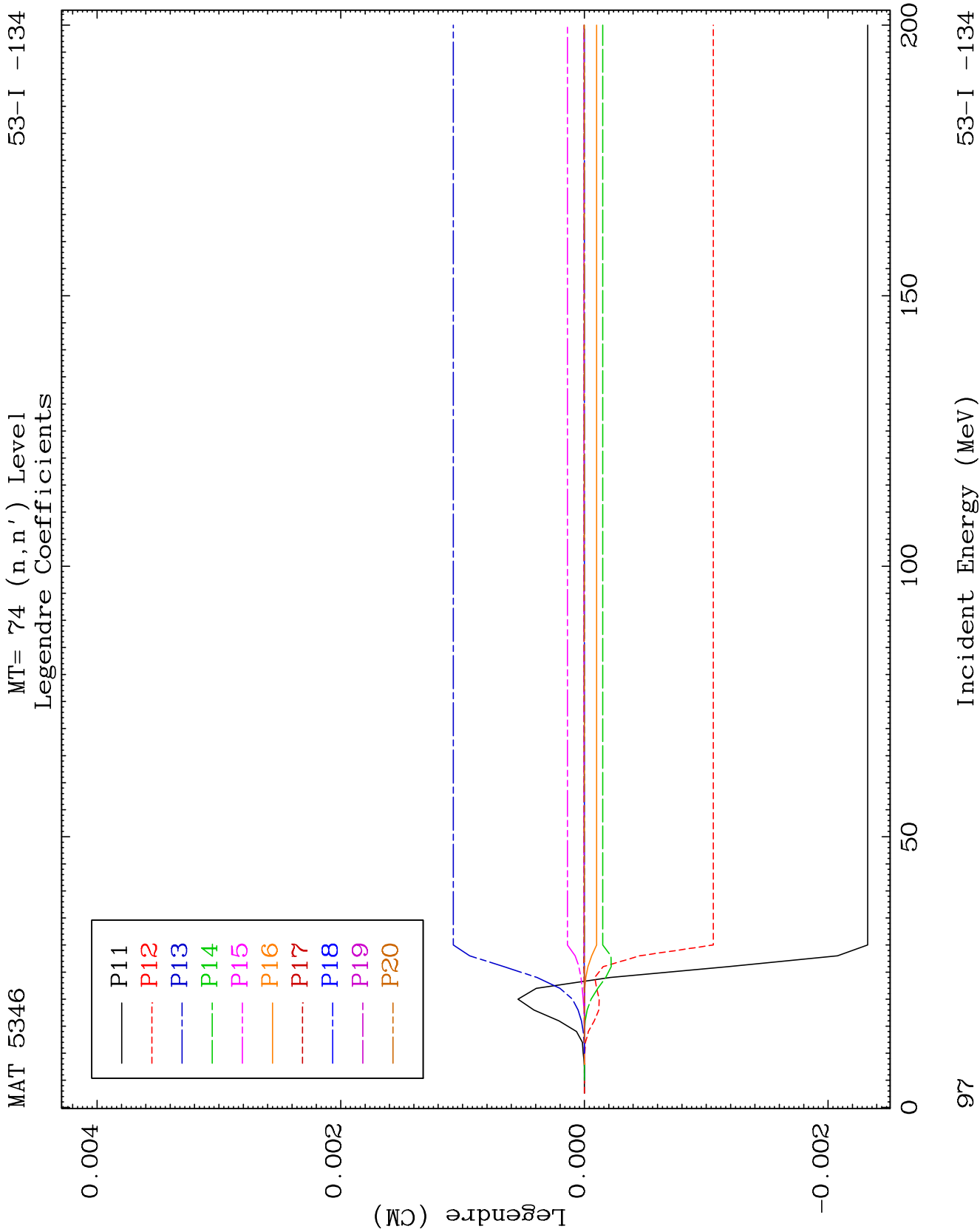
MAT 5346

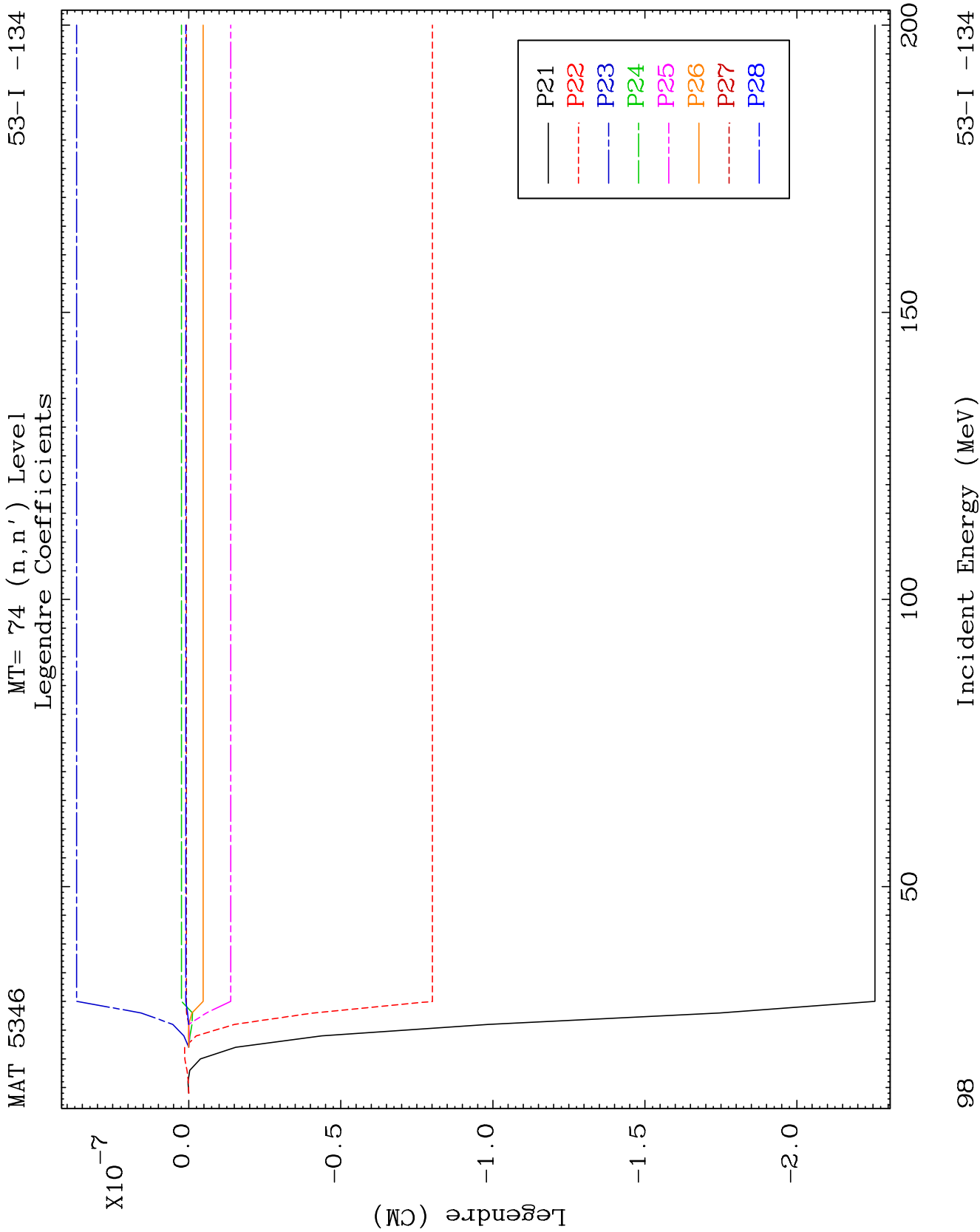
MT= 73 (n, n') Level
Legendre Coefficients

53-I -134





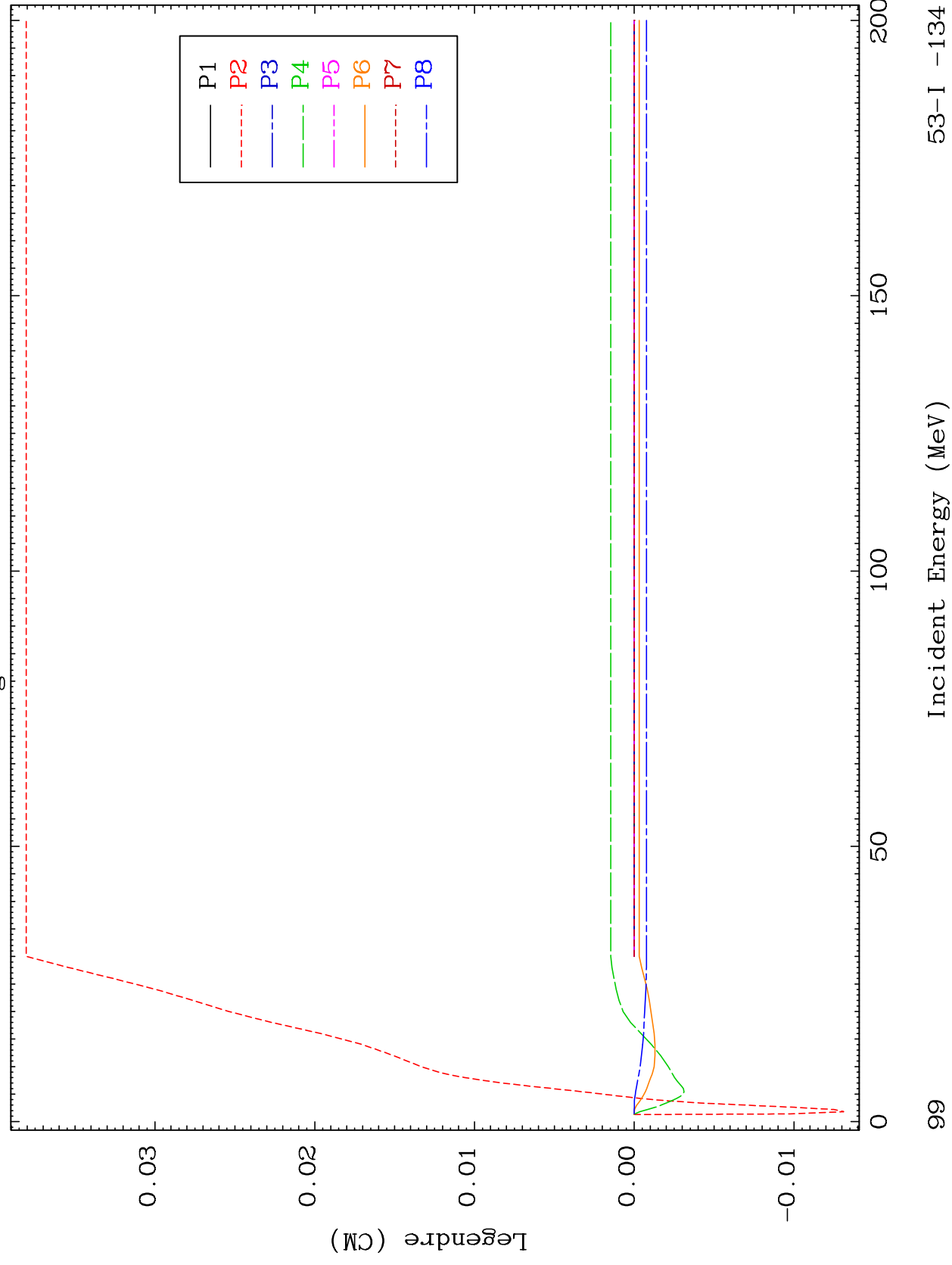


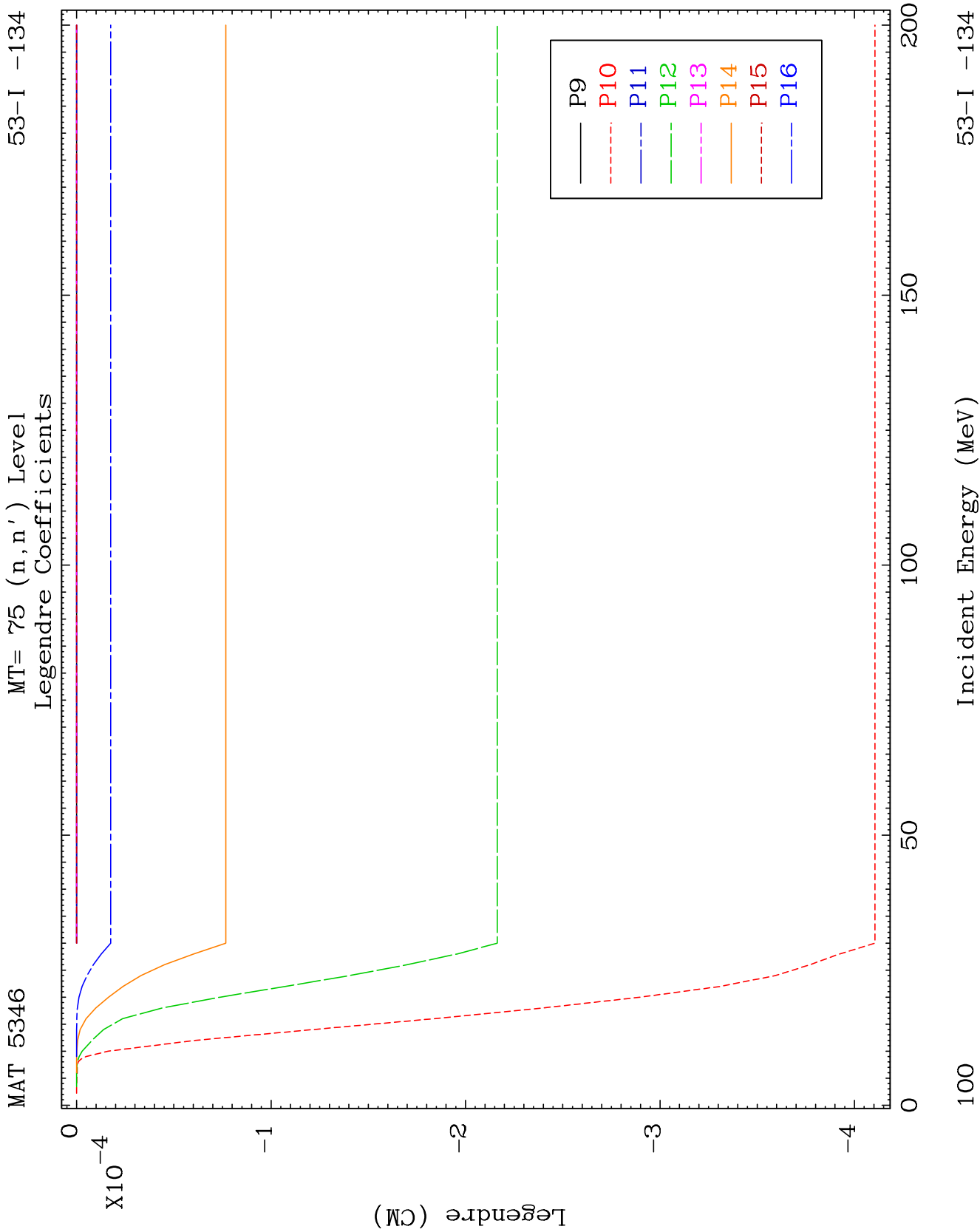


MAT 5346

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

53-I -134



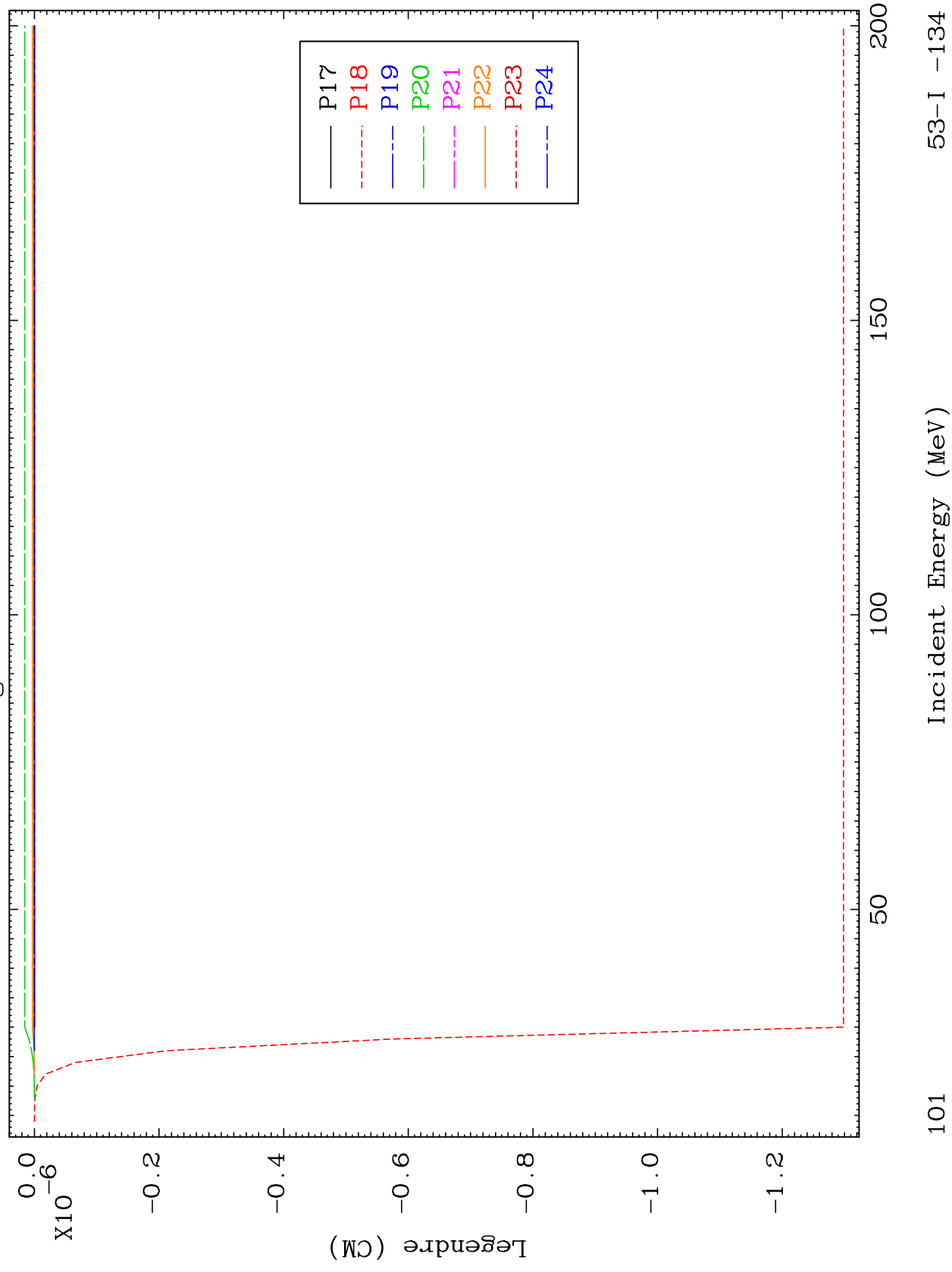


MAT 5346

MT=75 (n,n') Level

53-I -134

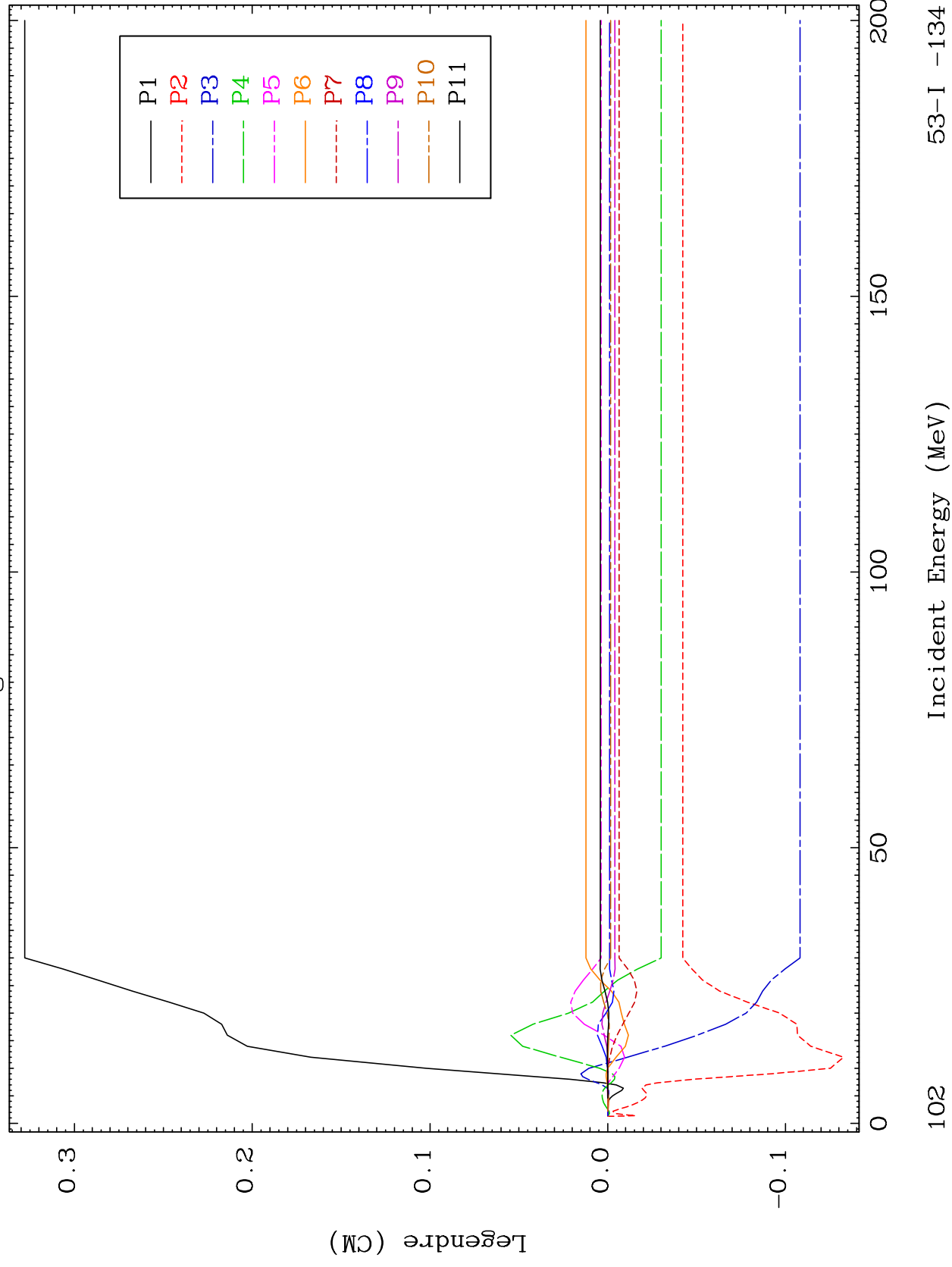
Legendre Coefficients



MAT 5346

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

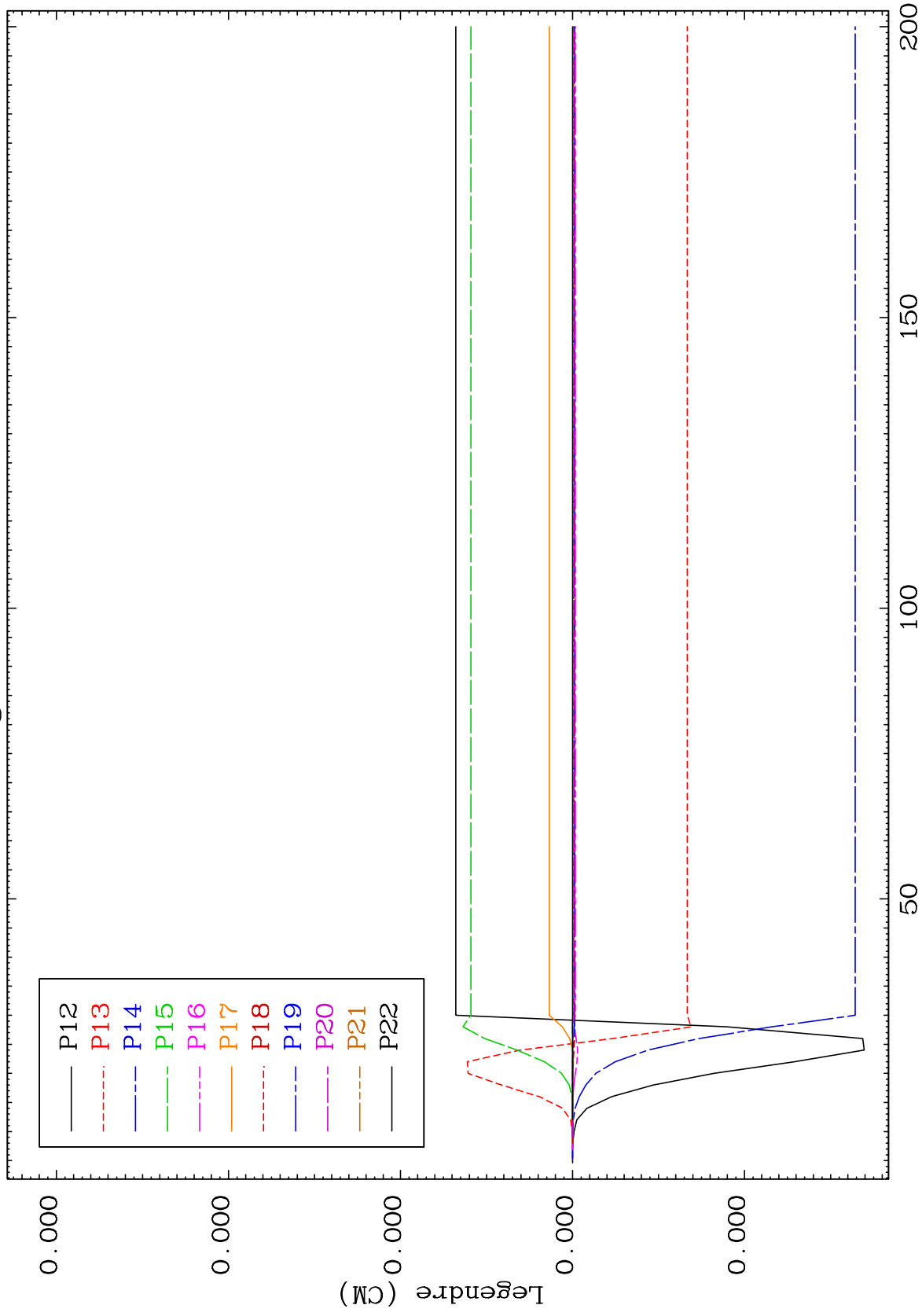
53-I -134



MAT 5346

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

53-I -134



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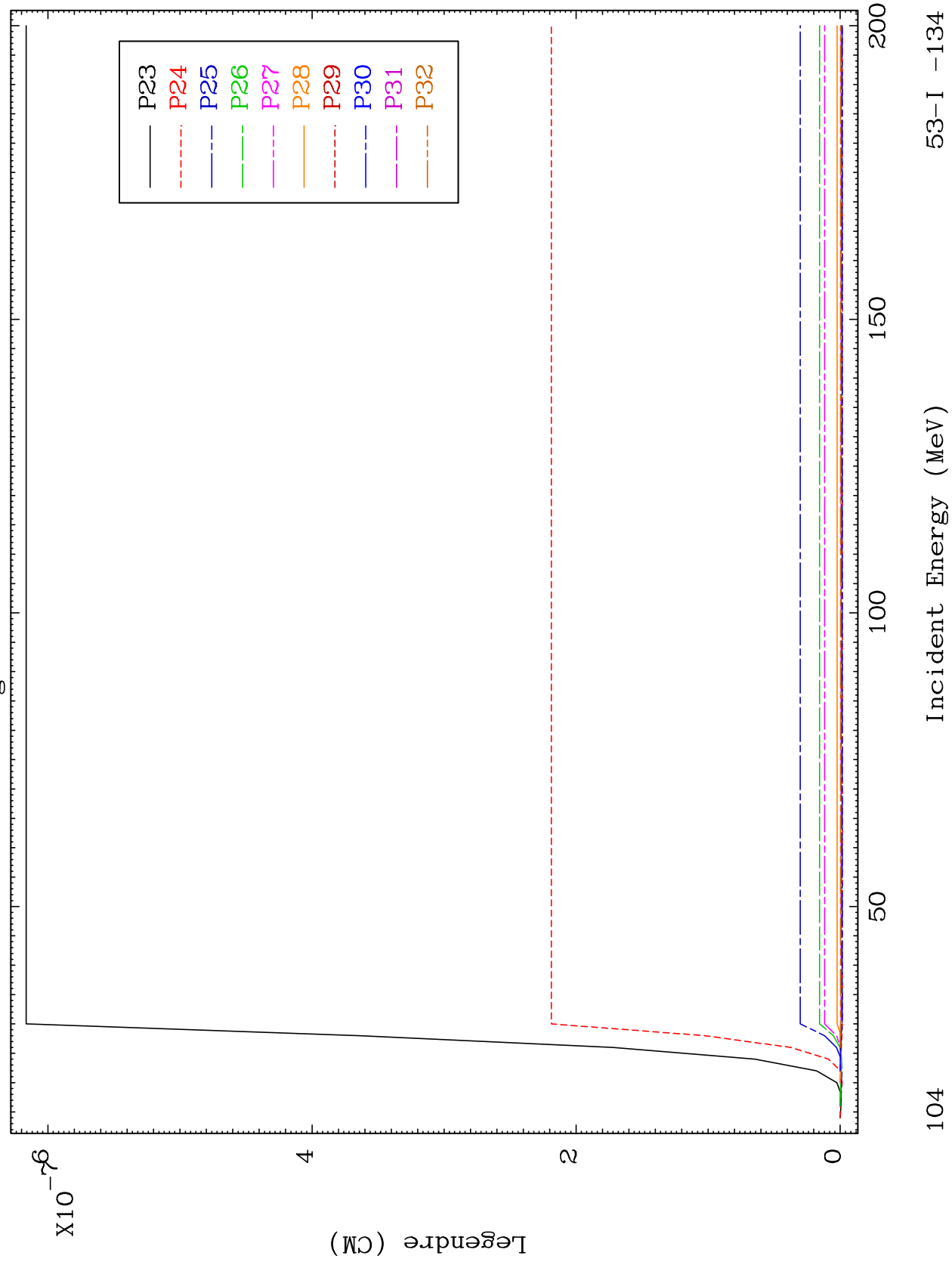
Incident Energy (MeV)

53-I -134

MAT 5346

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

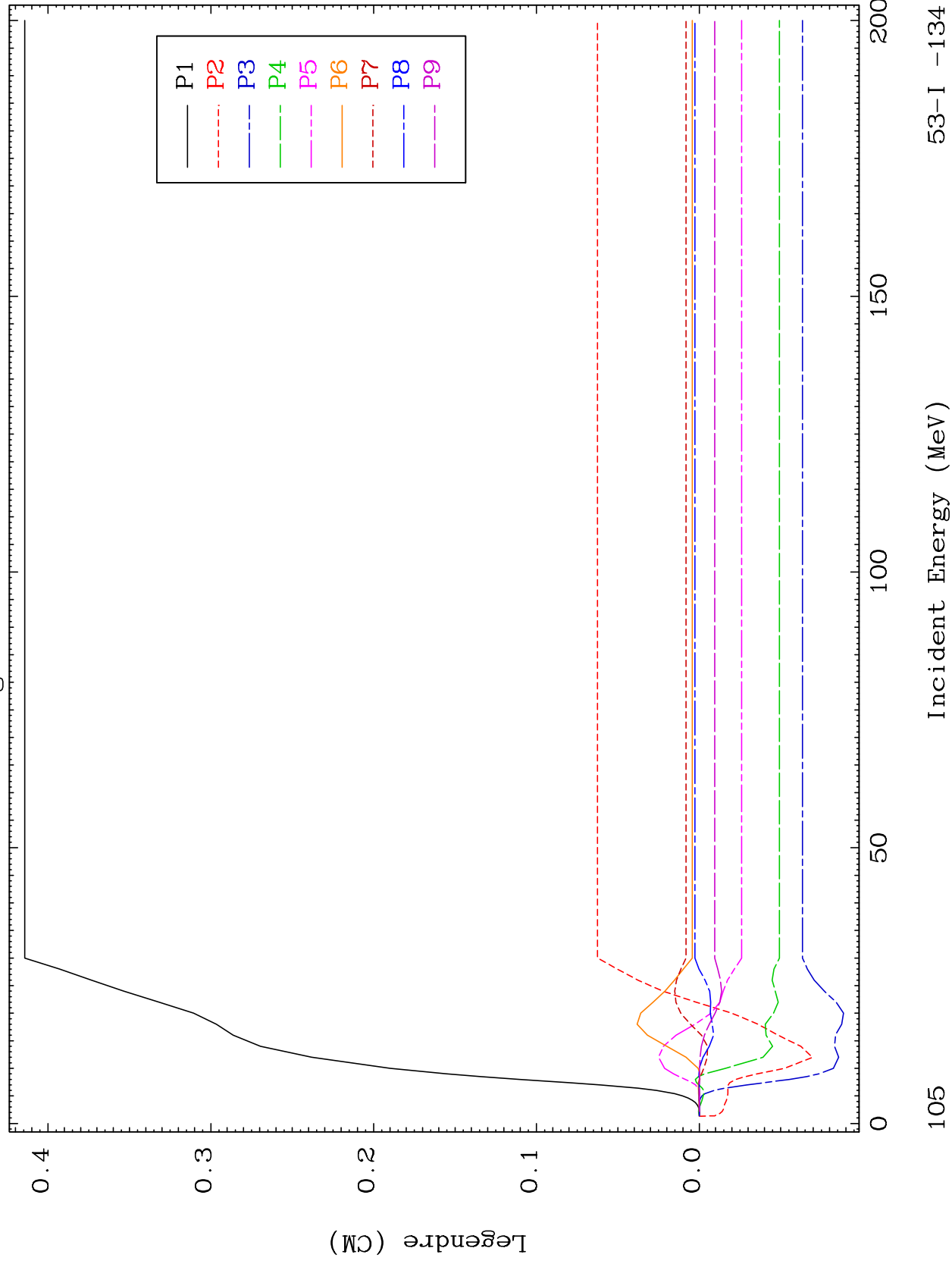
53-I -134



MAT 5346

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

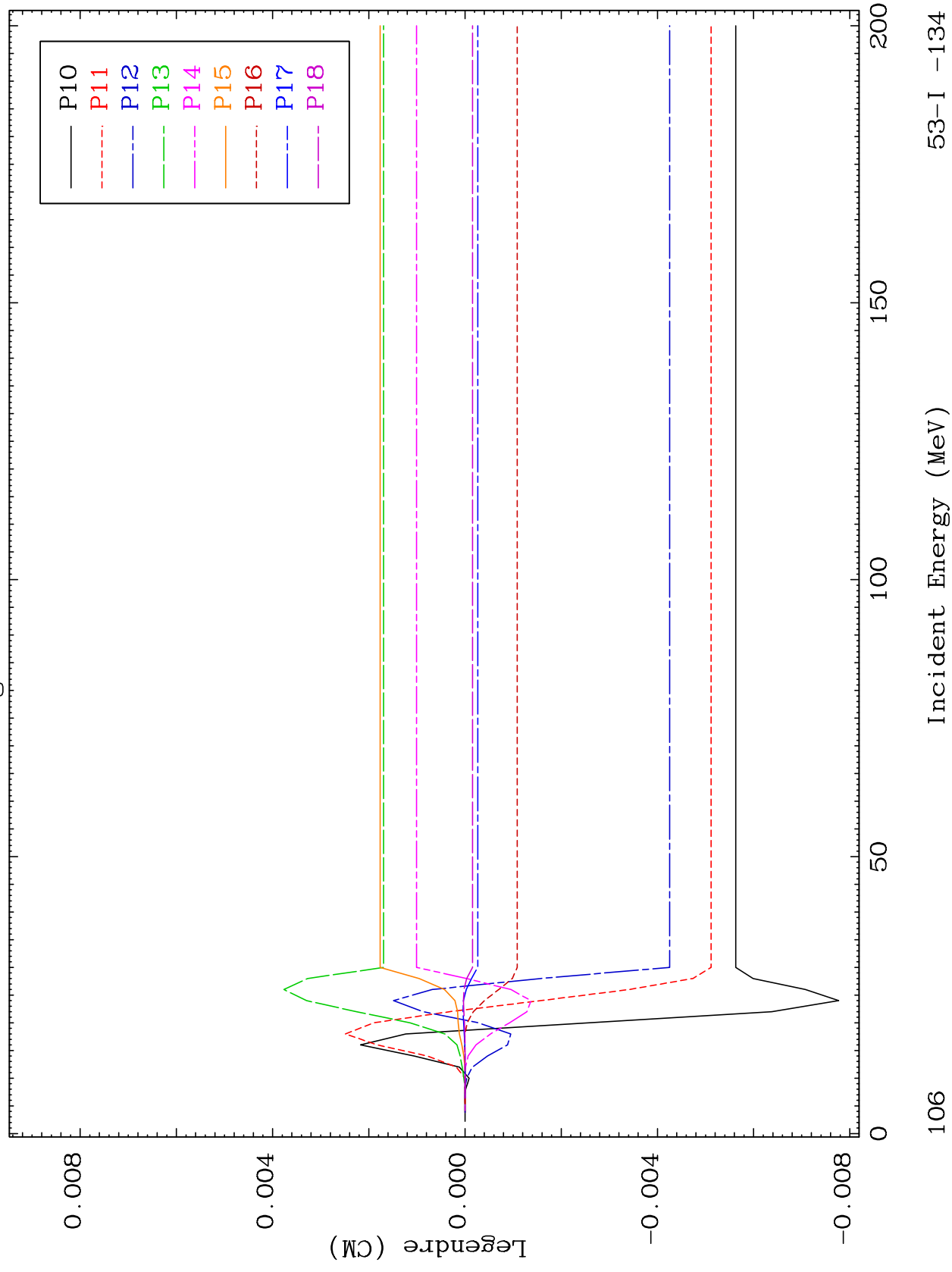
53-I -134



MAT 5346

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

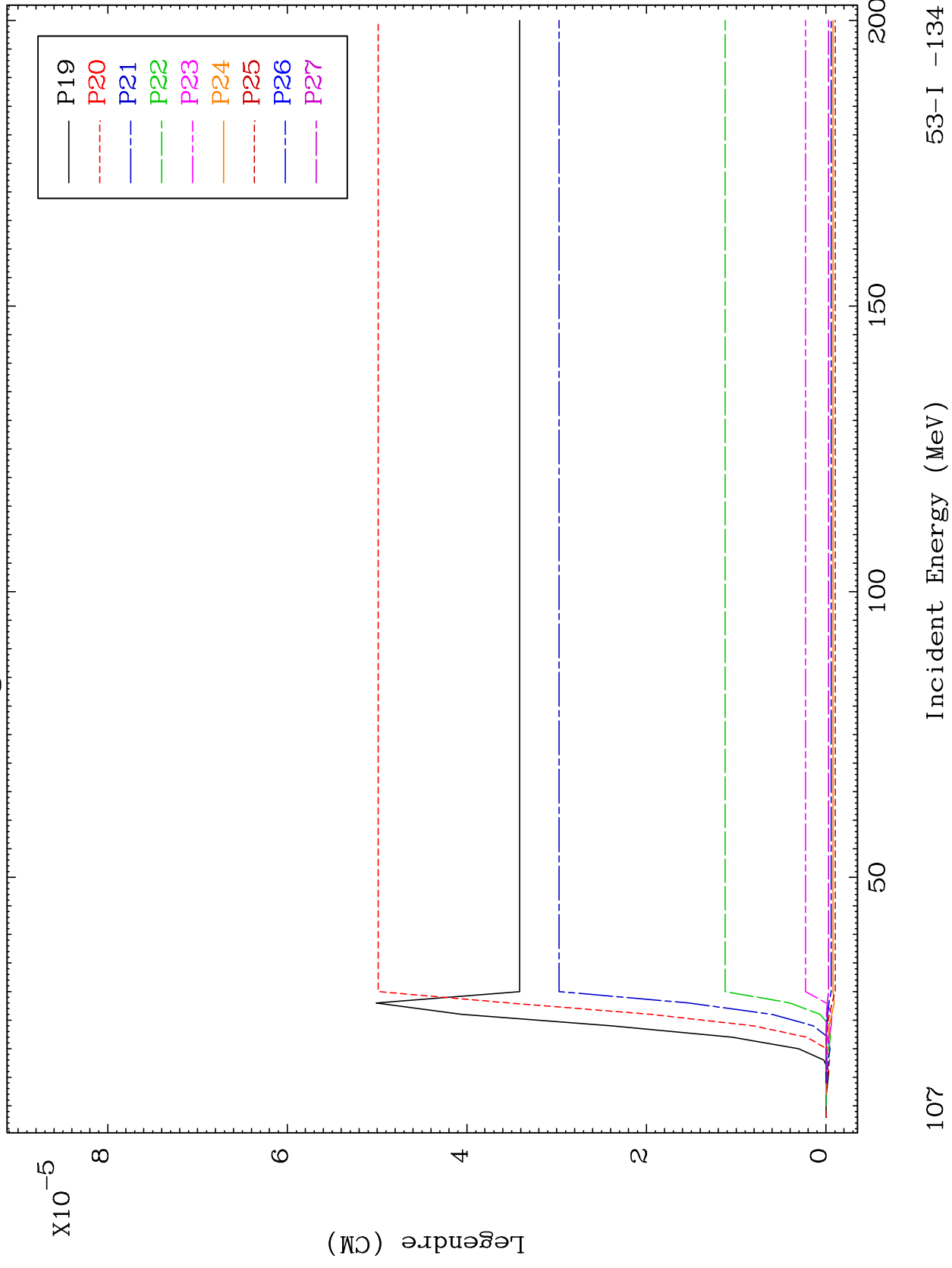
53-I -134



MAT 5346

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

53-I -134

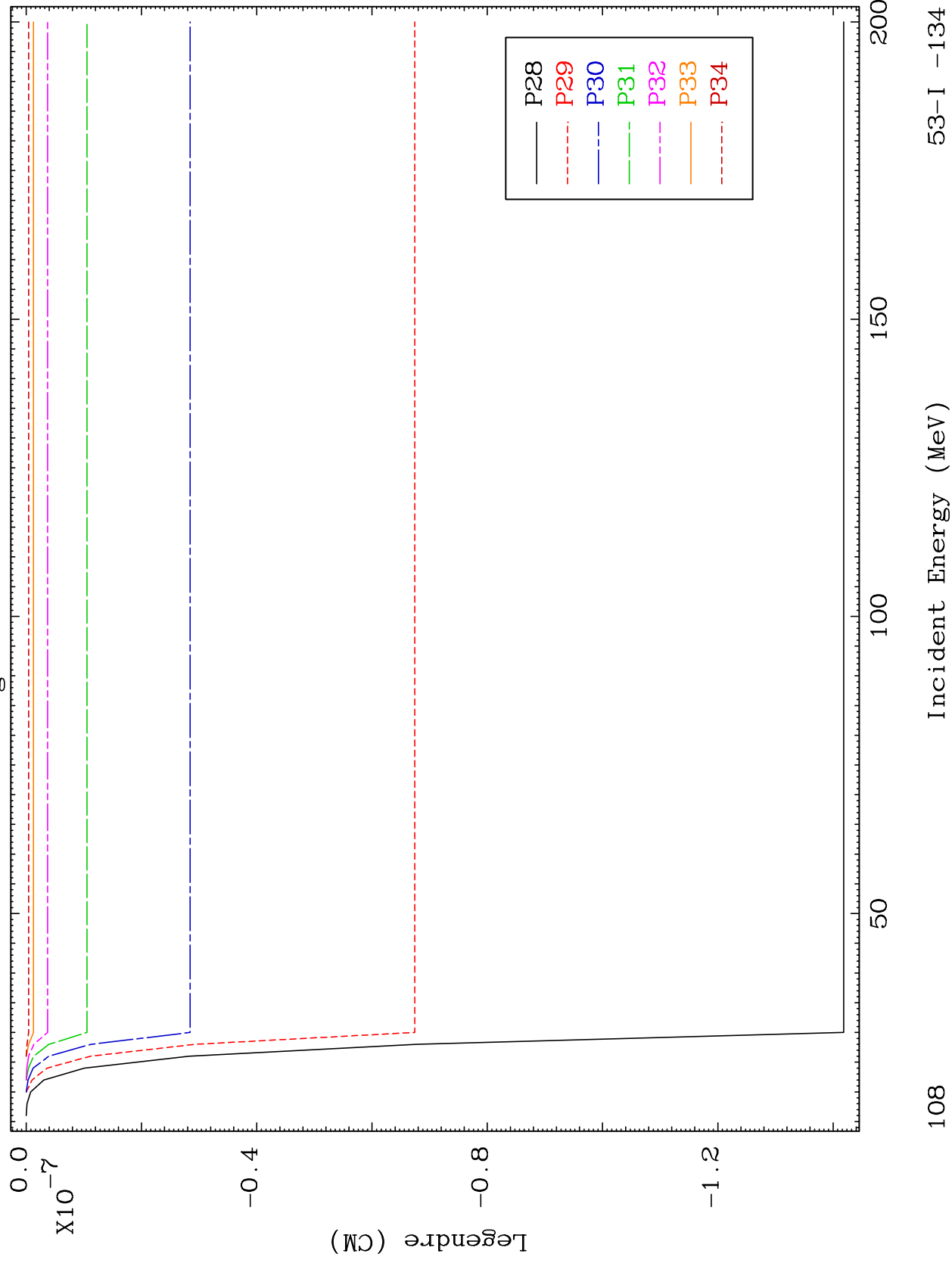


MAT 5346

MT= $\gamma\gamma$ (n, n') Level

53-I -134

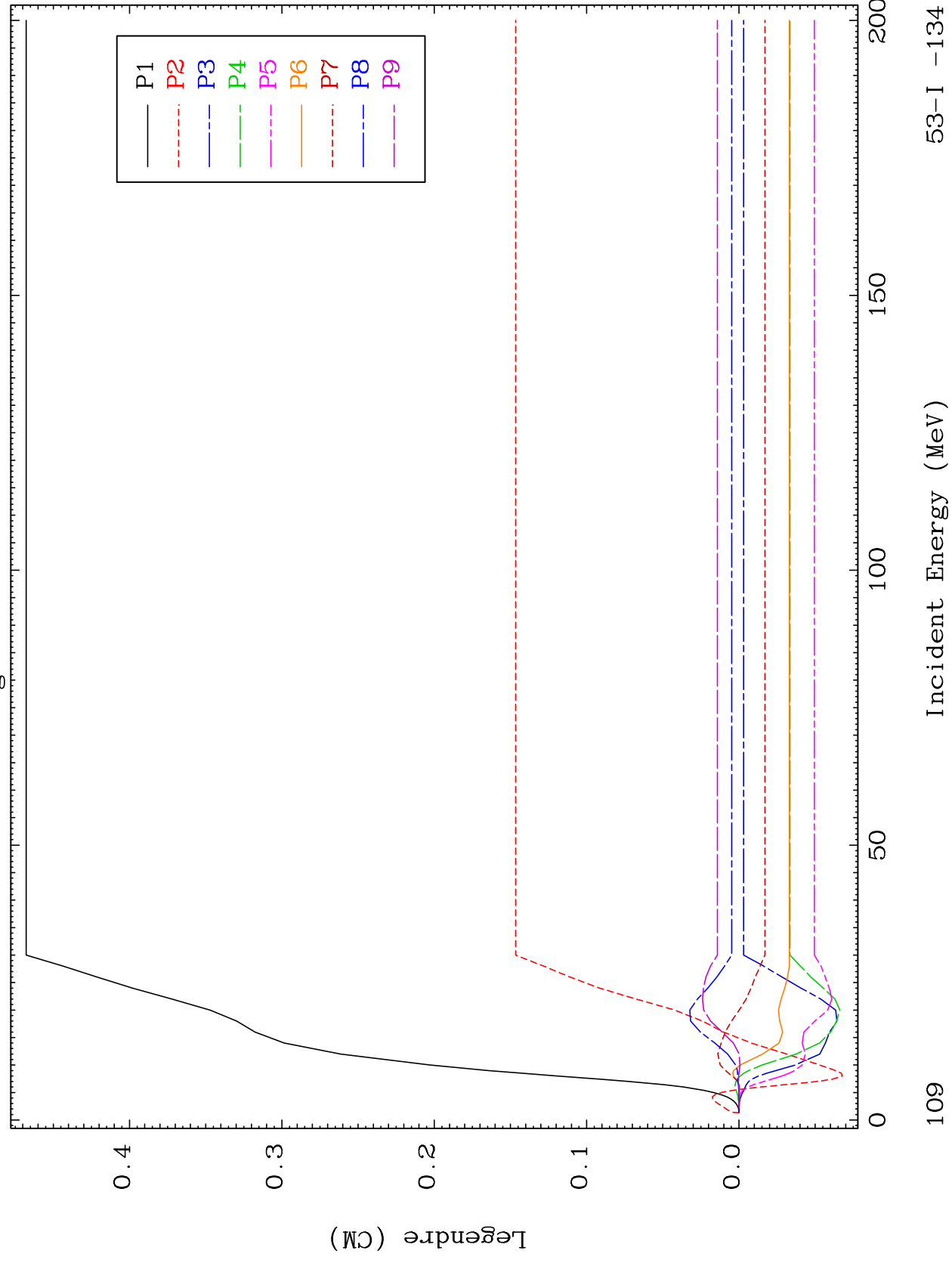
Legendre Coefficients



MAT 5346

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

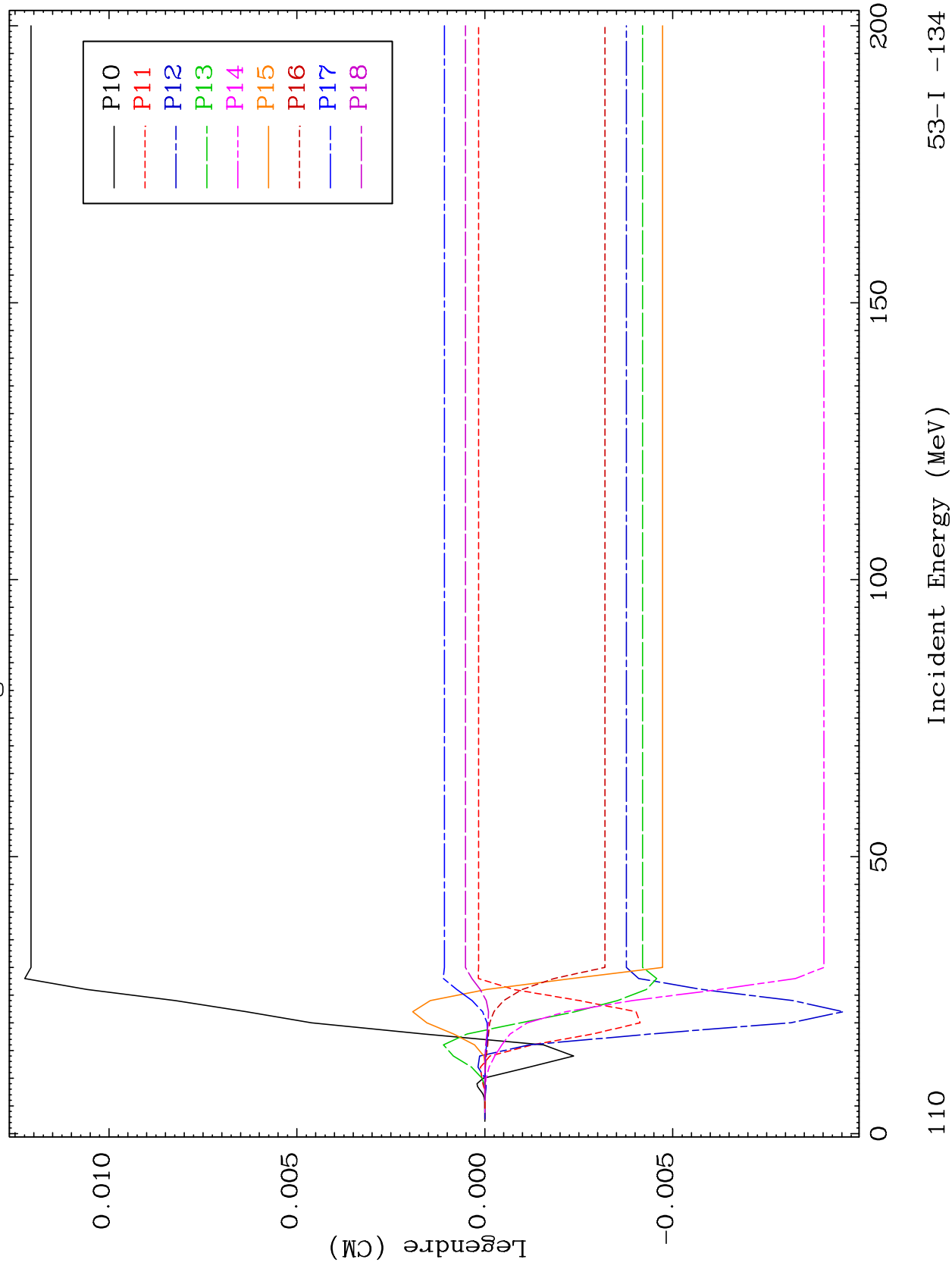
53-I -134



MAT 5346

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

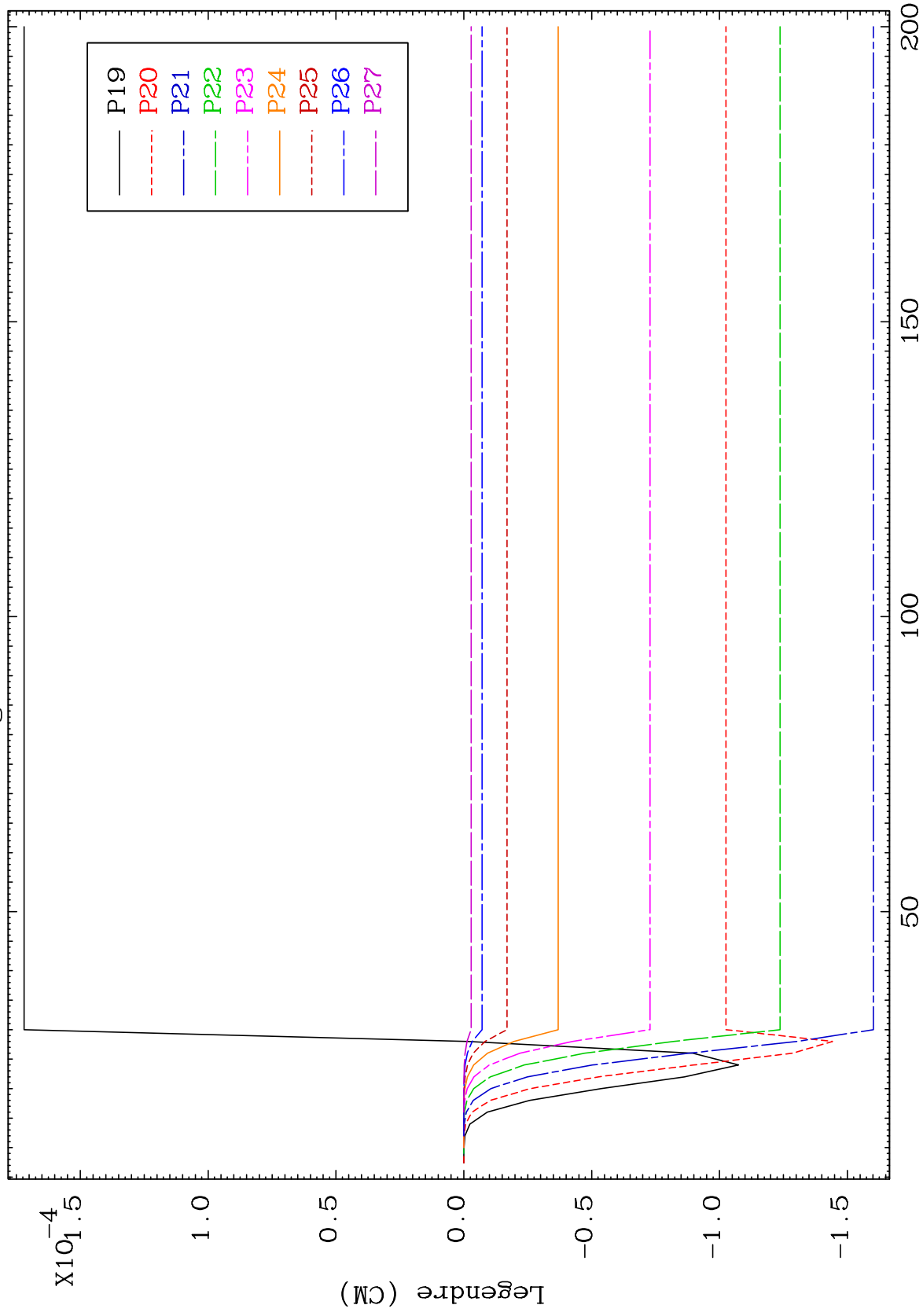
53-I -134



MAT 5346

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

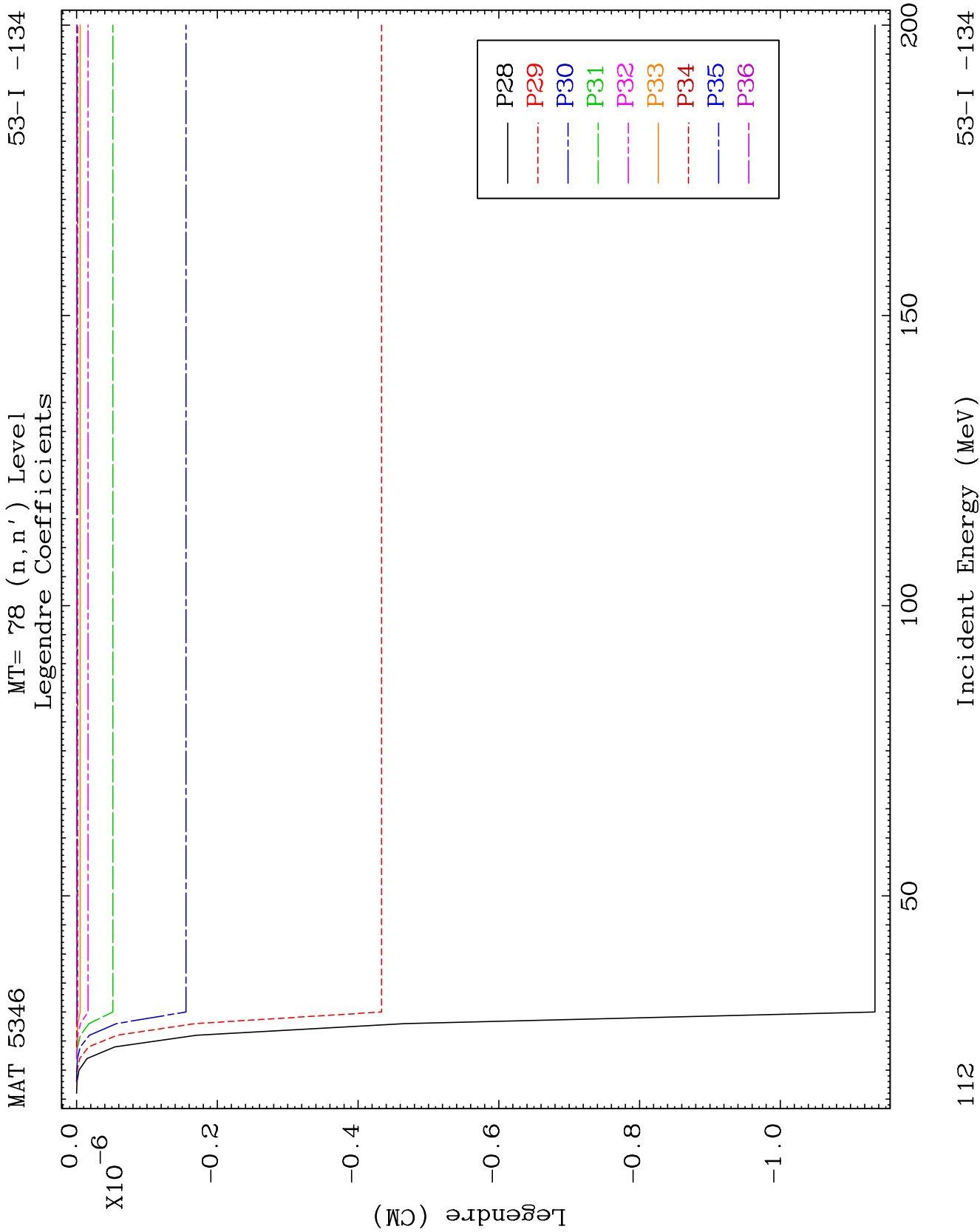
53-I -134

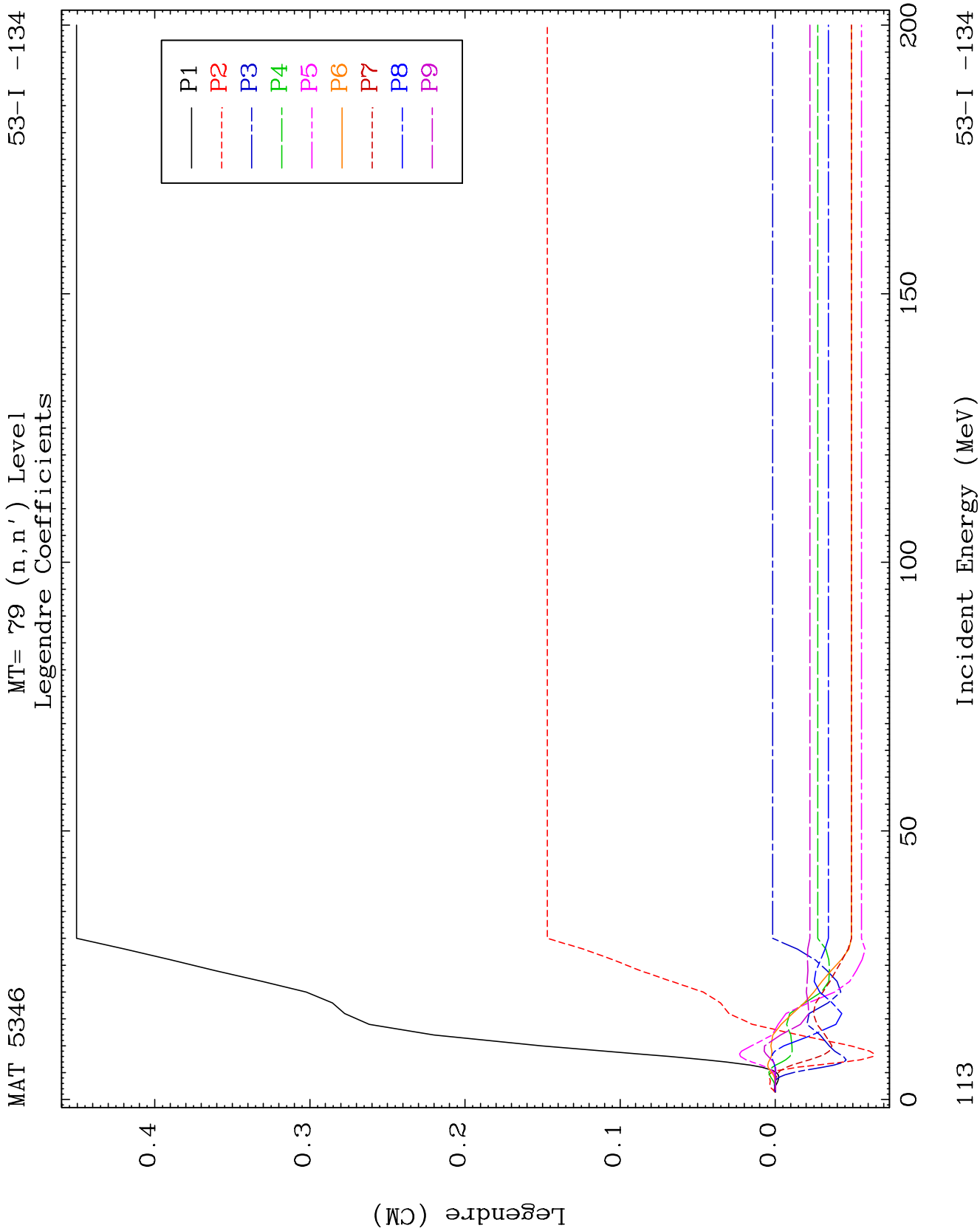


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Incident Energy (MeV)

53-I -134

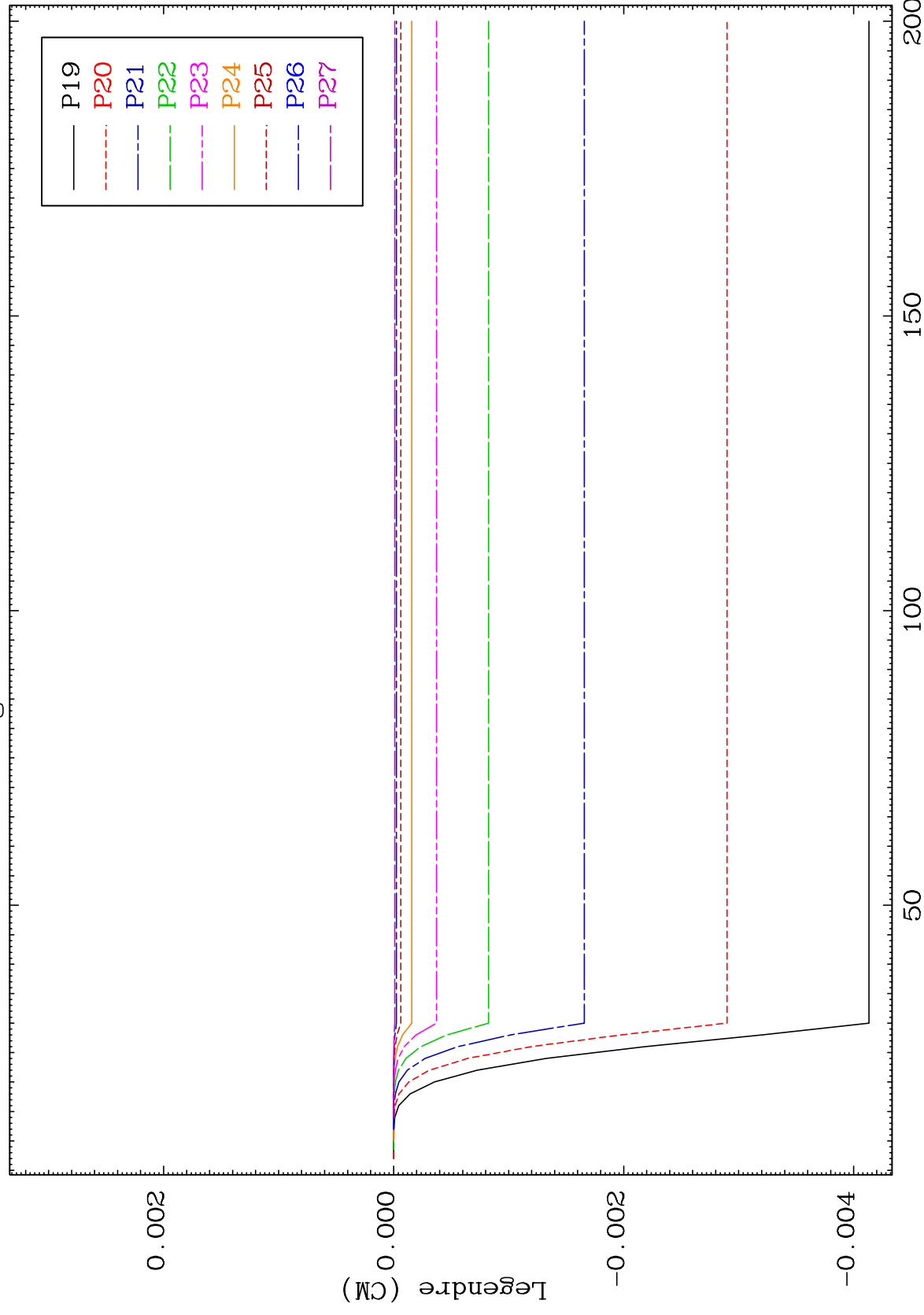




MAT 5346

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

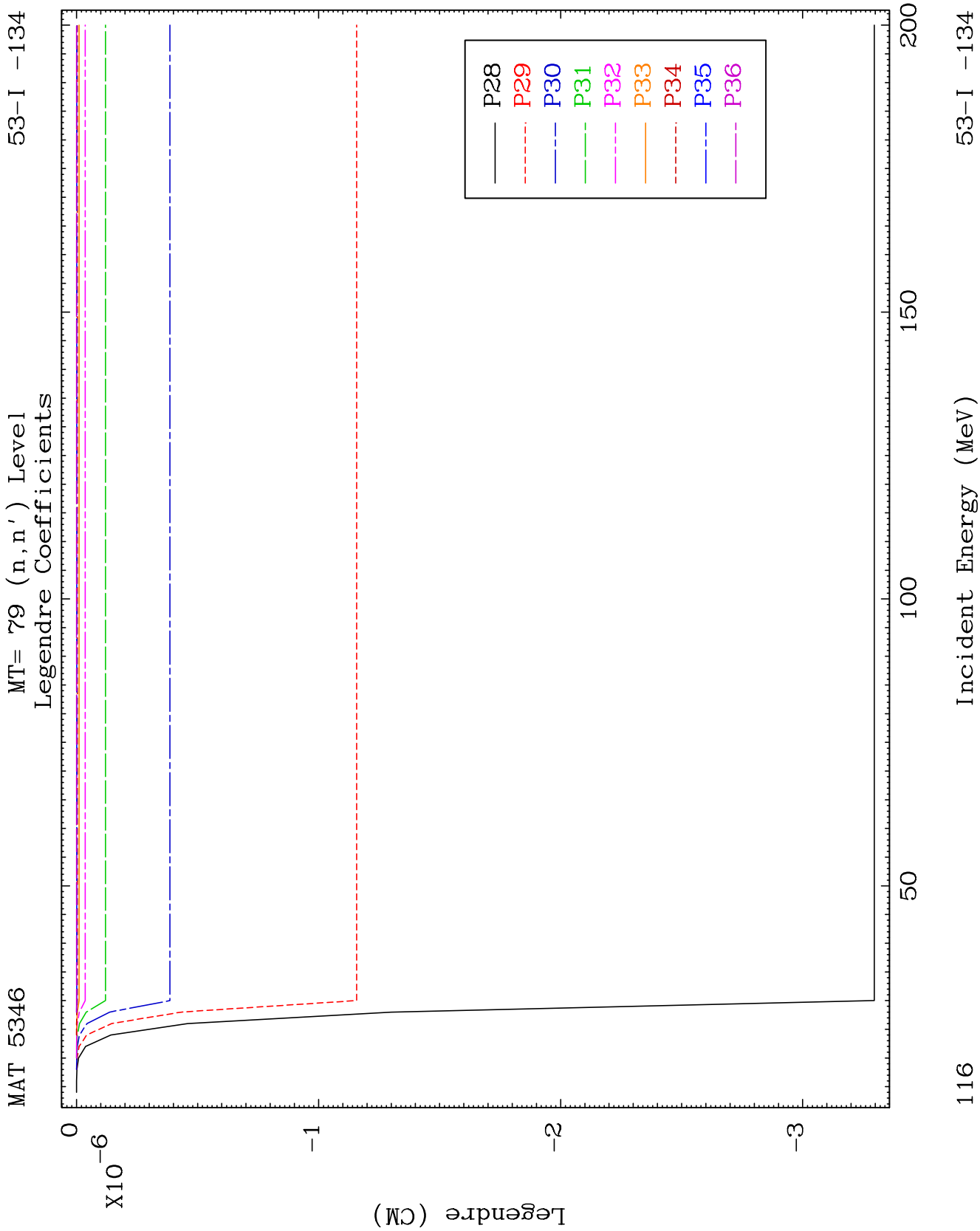
53-I -134

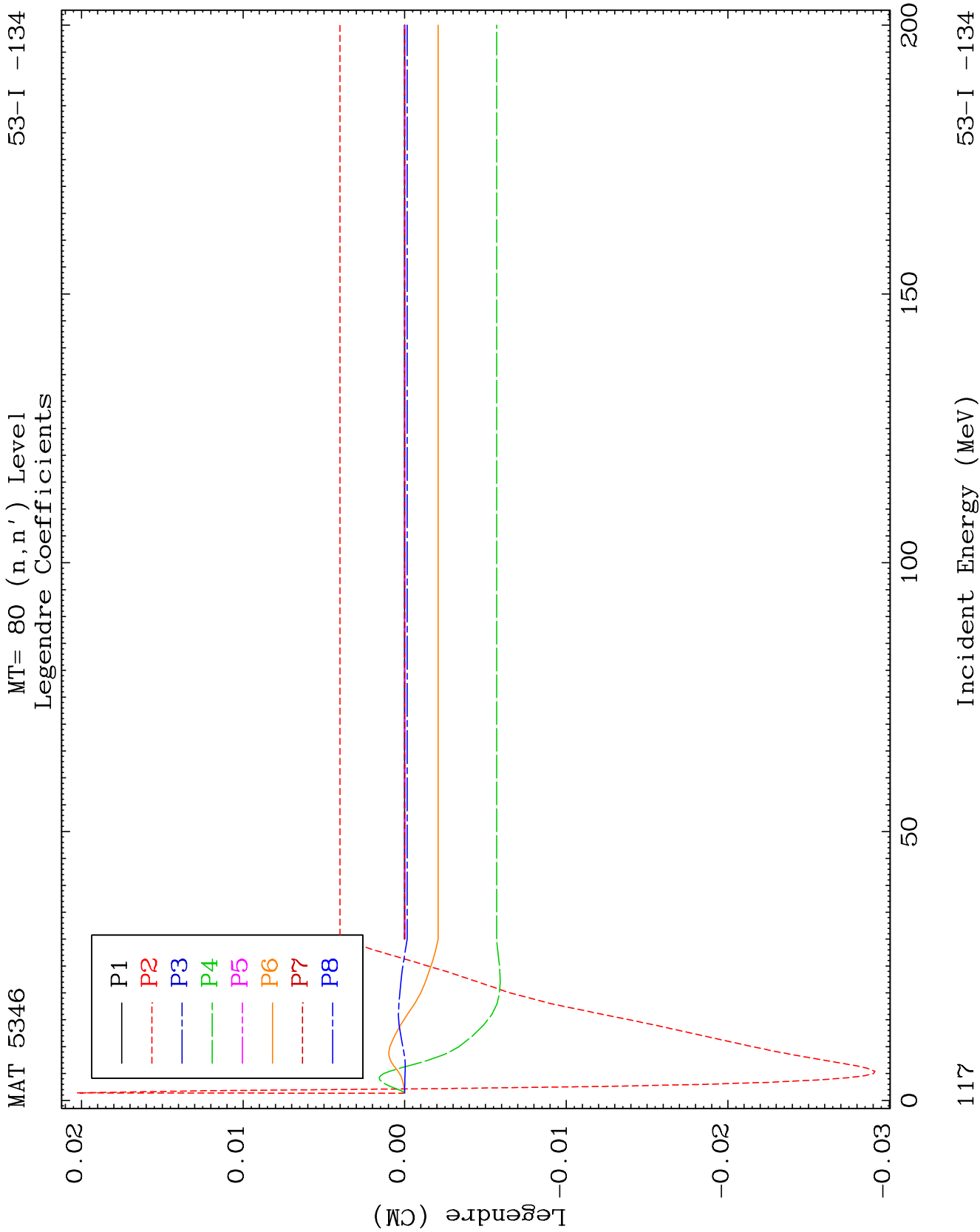


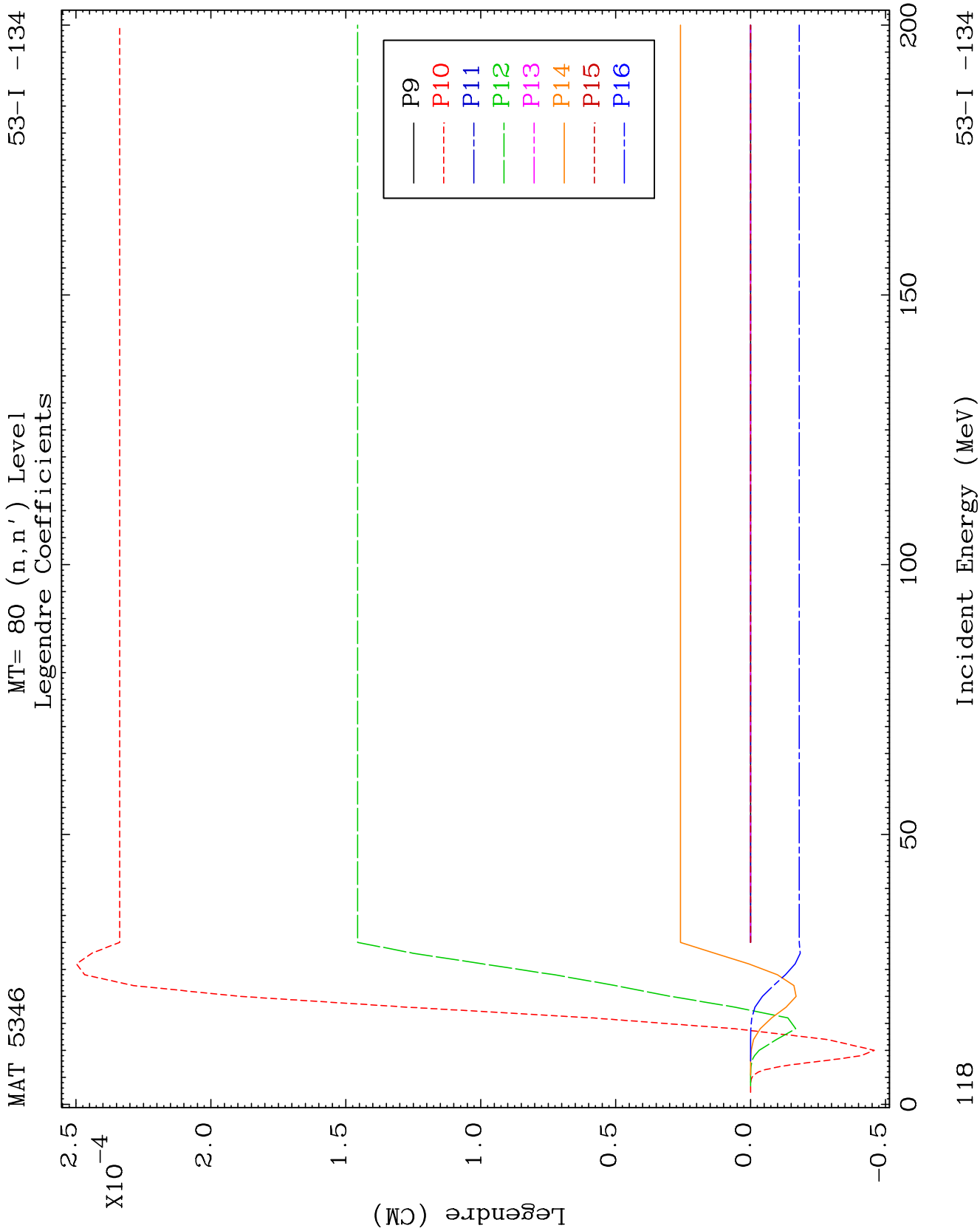
115

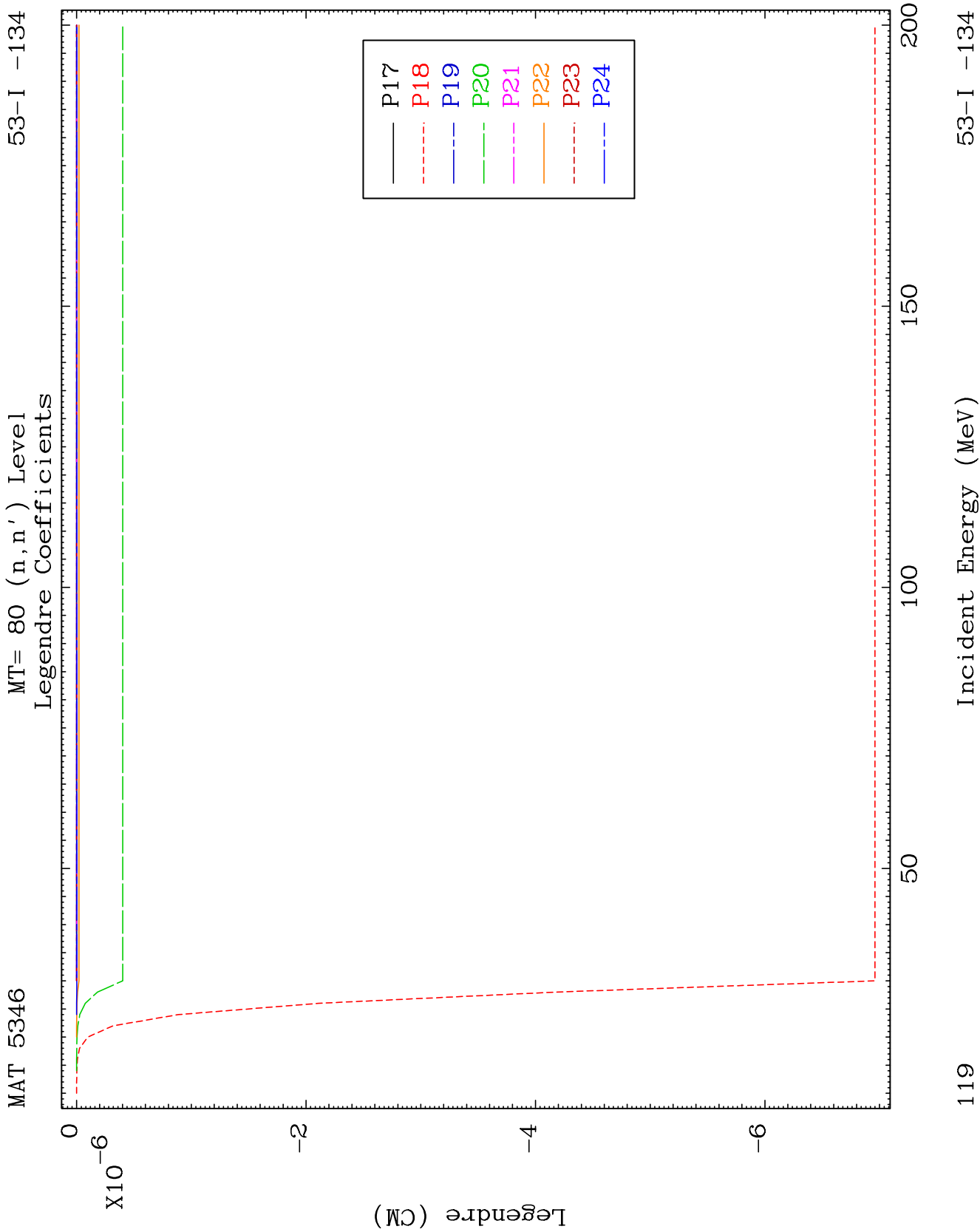
Incident Energy (MeV)

53-I -134





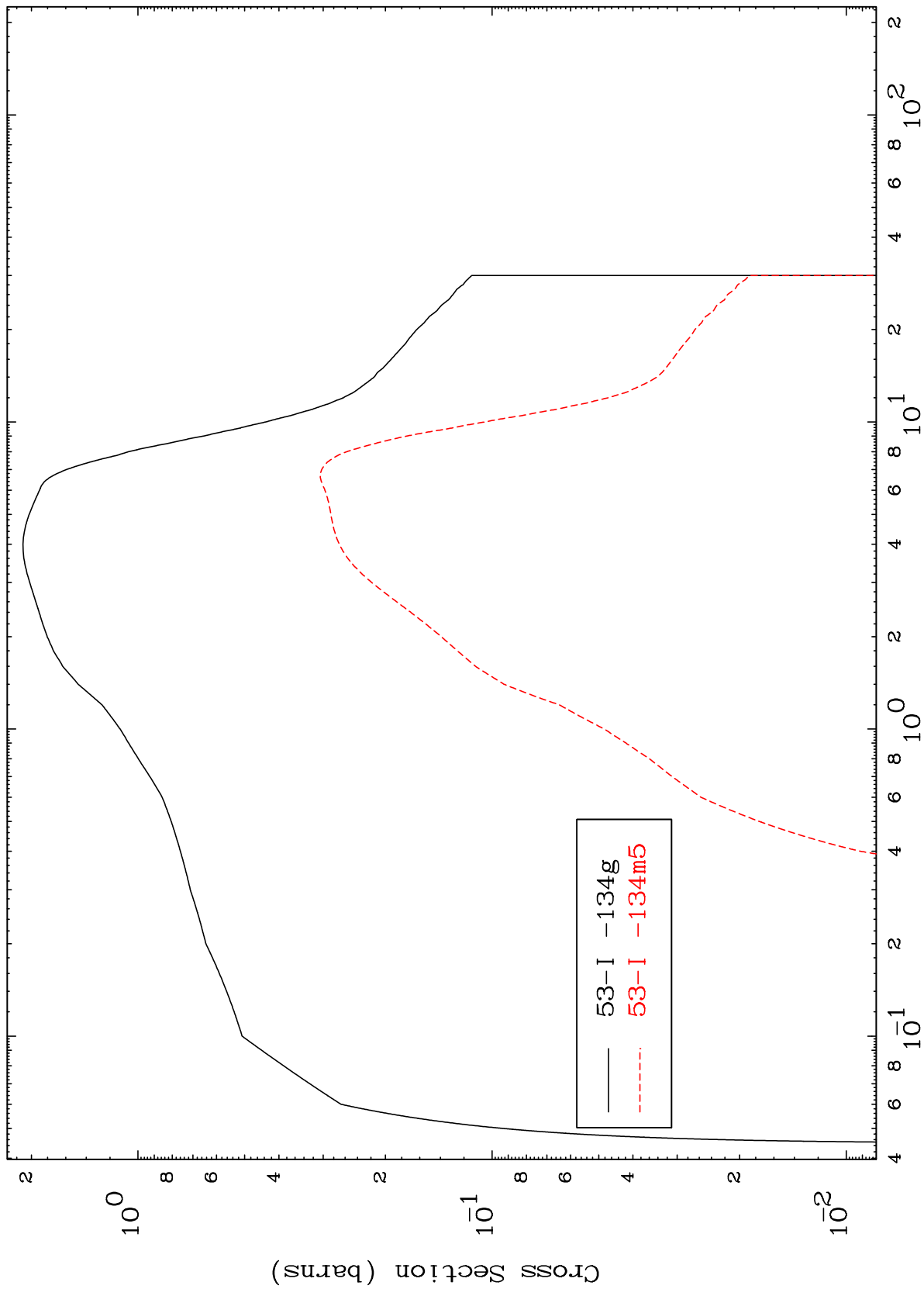




MAT 5346

53-I -134

Inelastic
Radionuclide Production Cross Section



120

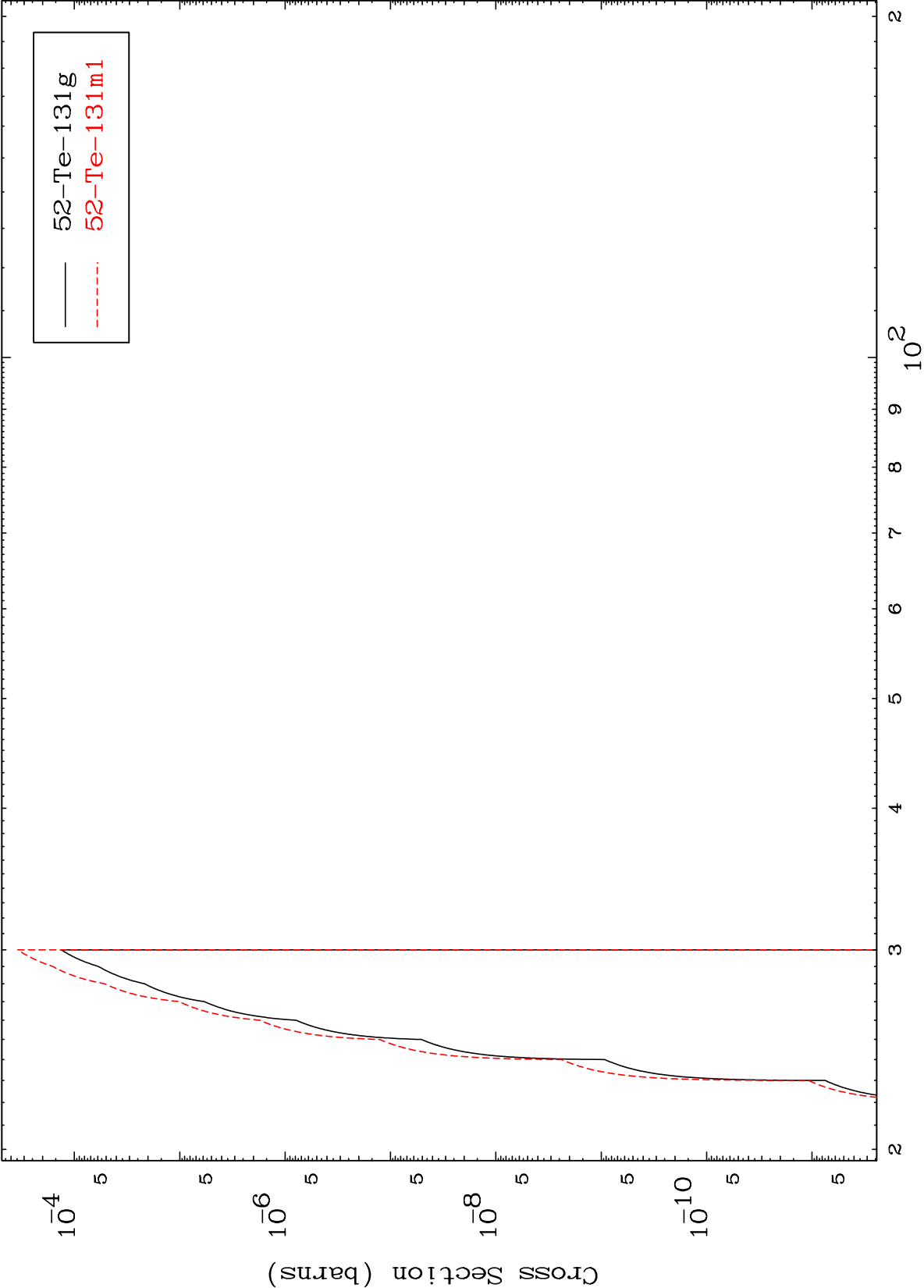
53-I -134

MAT 5346

(n,2n) d

53-I -134

Radionuclide Production Cross Section



Incident Energy (MeV)

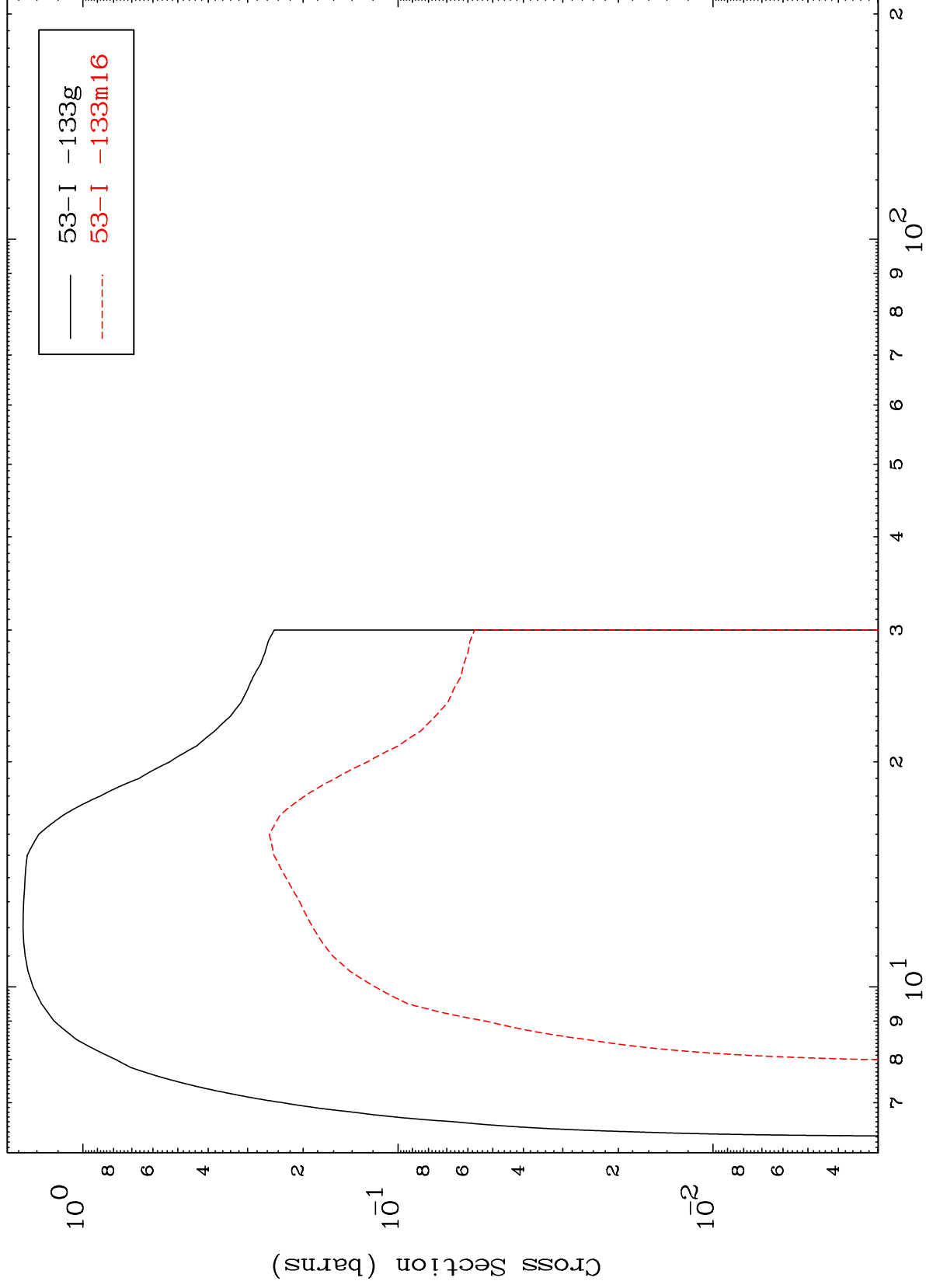
53-I -134

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MAT 5346

53-I -134

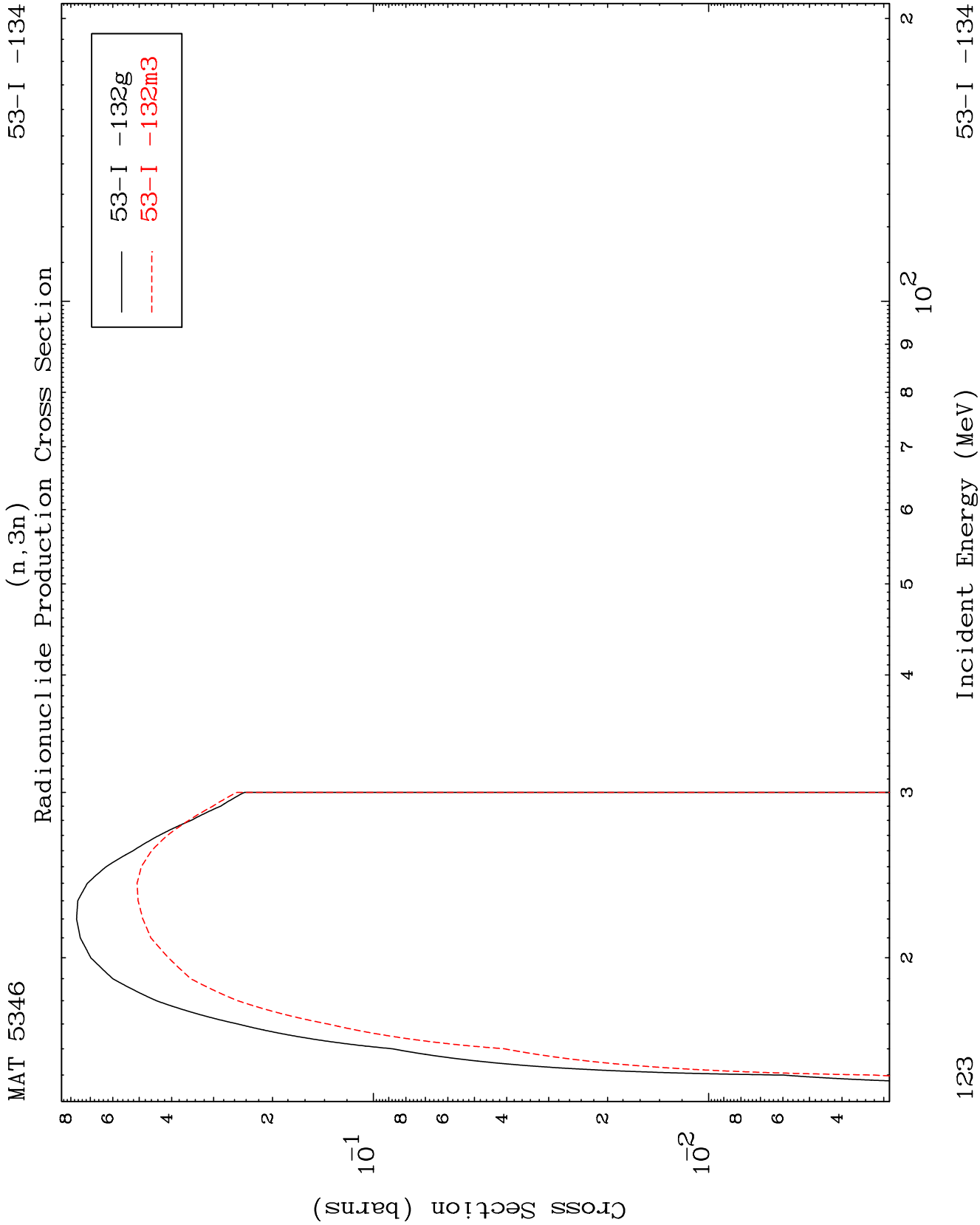
(n,2n)
Radionuclide Production Cross Section



53-I -134

Incident Energy (MeV)

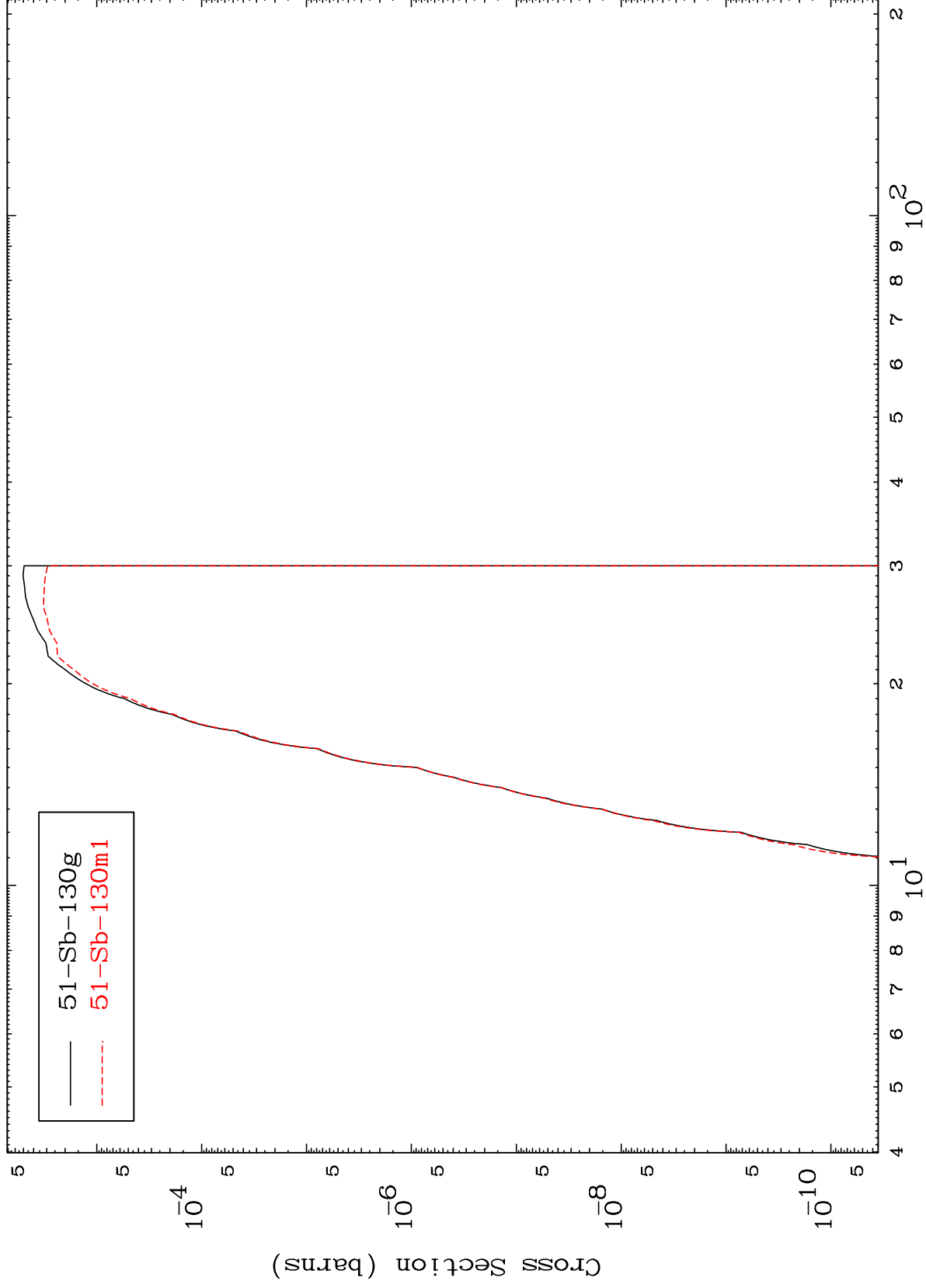
122



MAT 5346

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(n,n') α
Radionuclide Production Cross Section



124

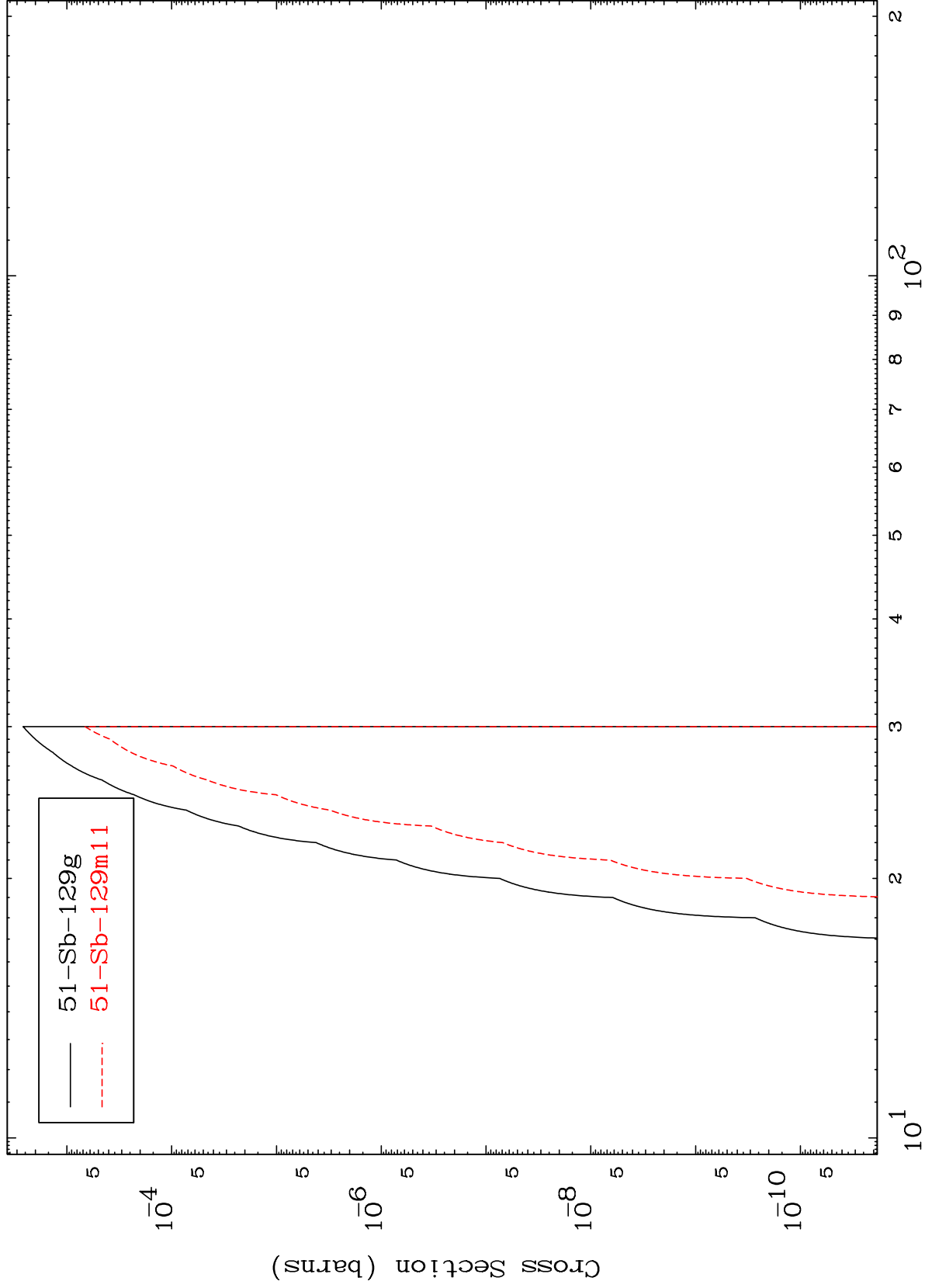
Incident Energy (MeV)

53-I -134

MAT 5346

53-I -134

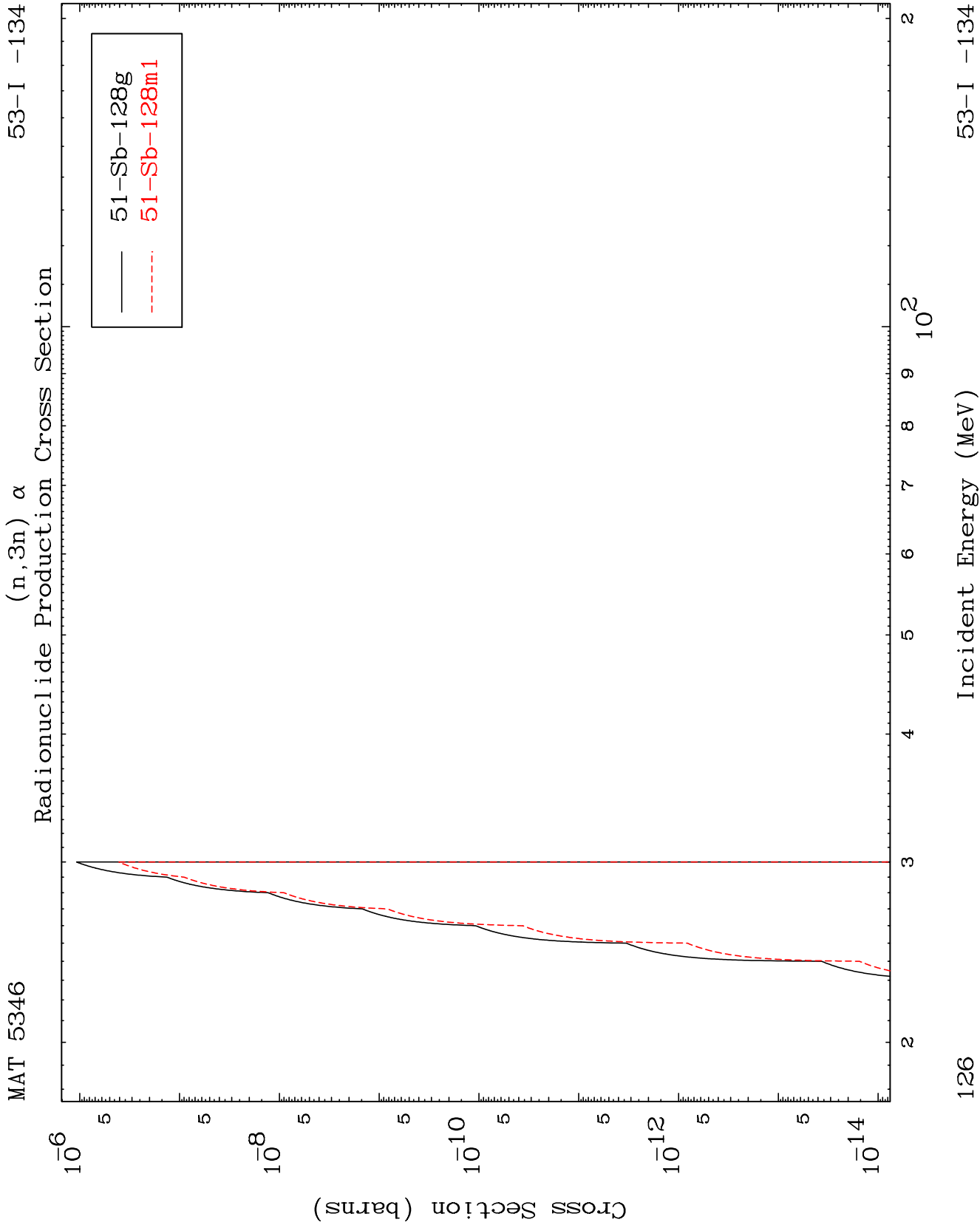
Radionuclide Production Cross Section



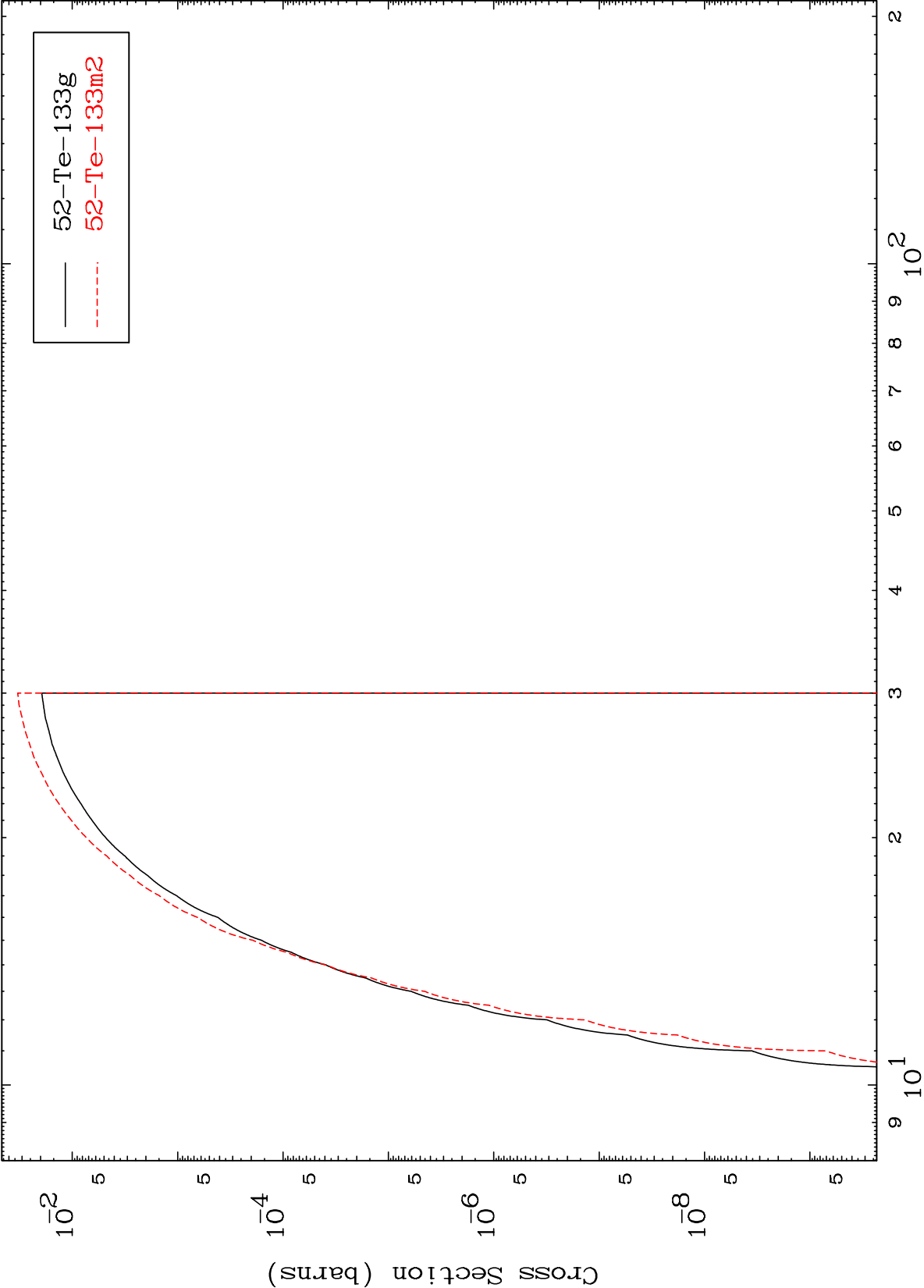
53-I -134

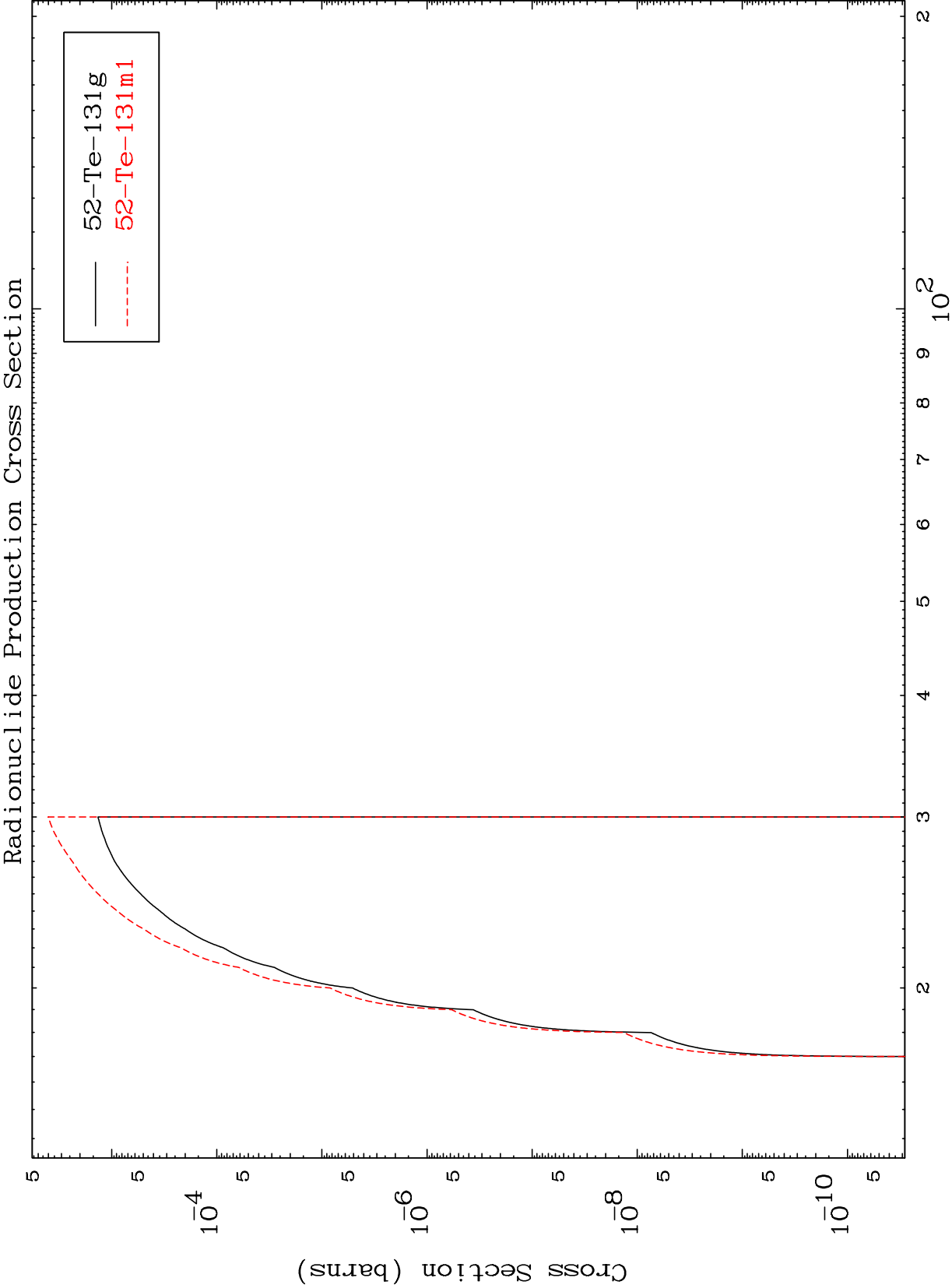
Incident Energy (MeV)

125

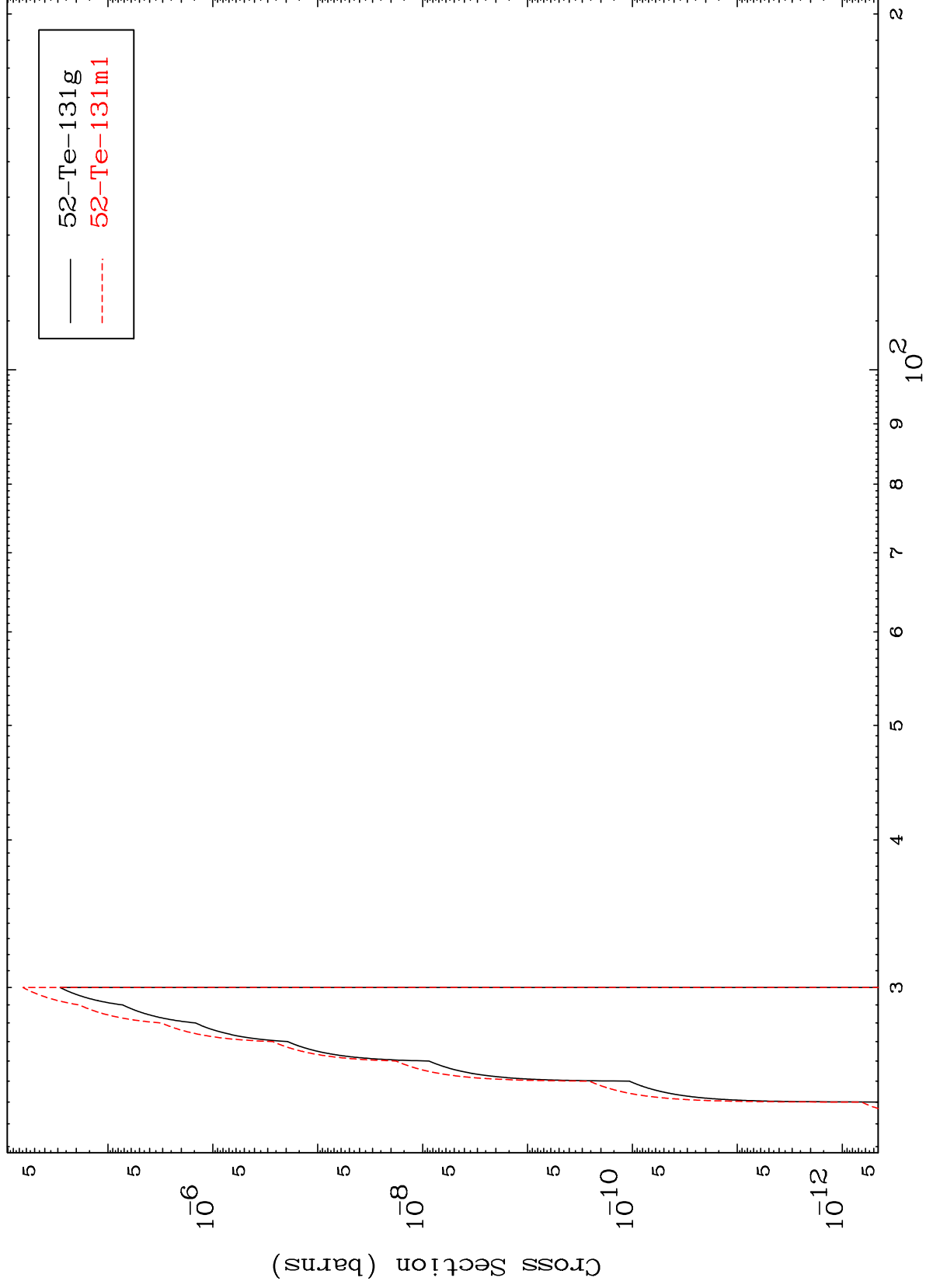


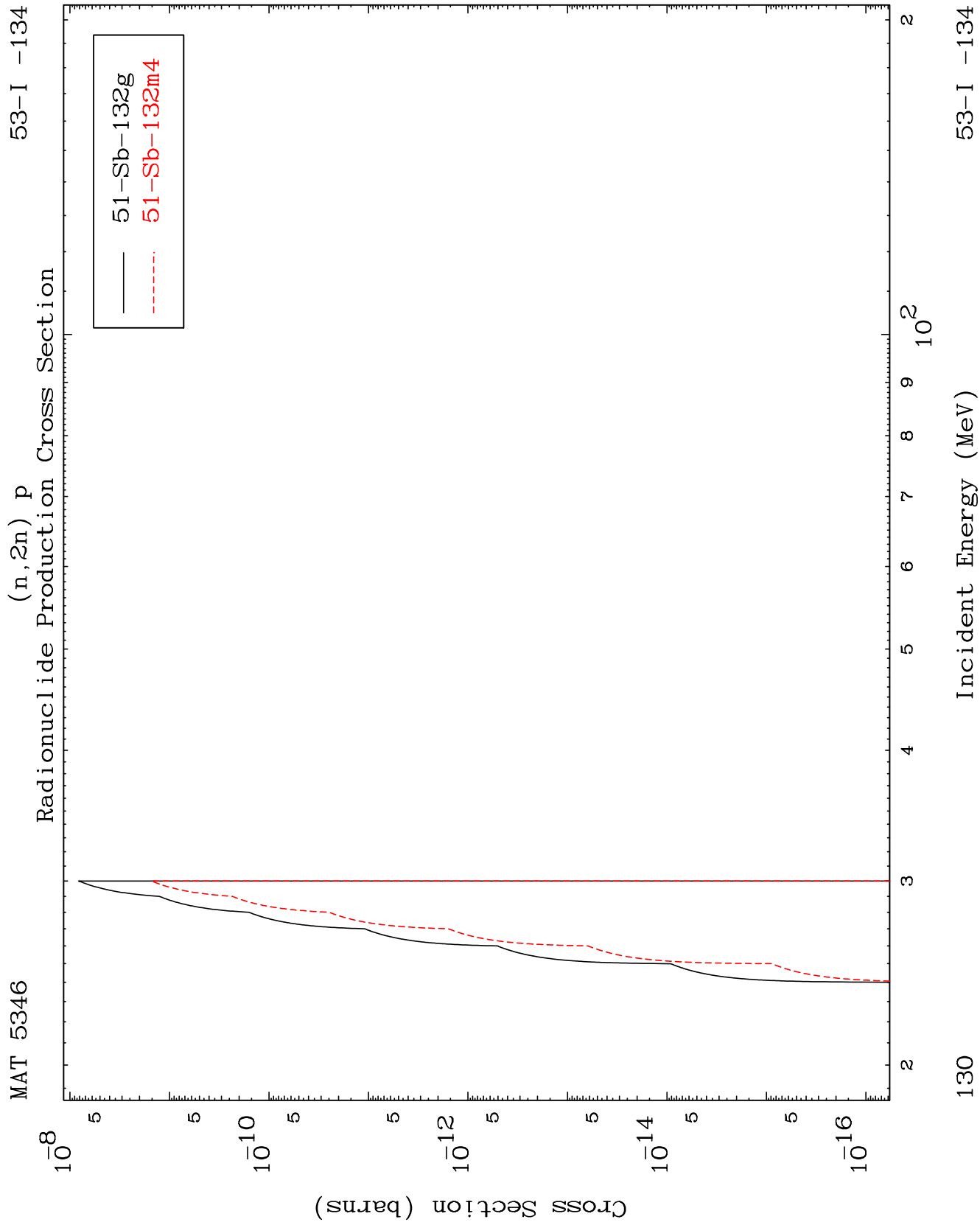
Radionuclide Production Cross Section





(n,3n) p
Radionuclide Production Cross Section

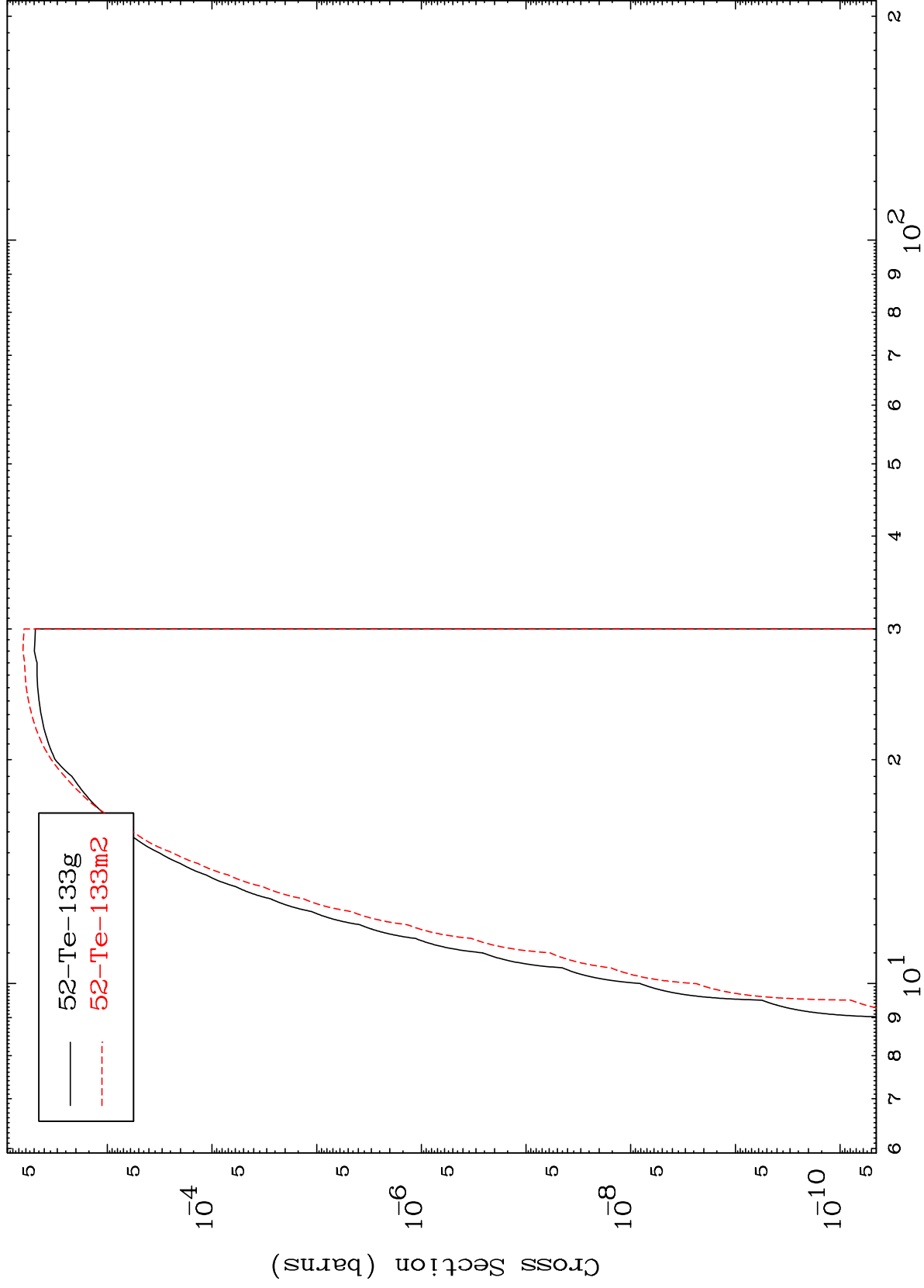




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Radionuclide Production Cross Section



53-I -134

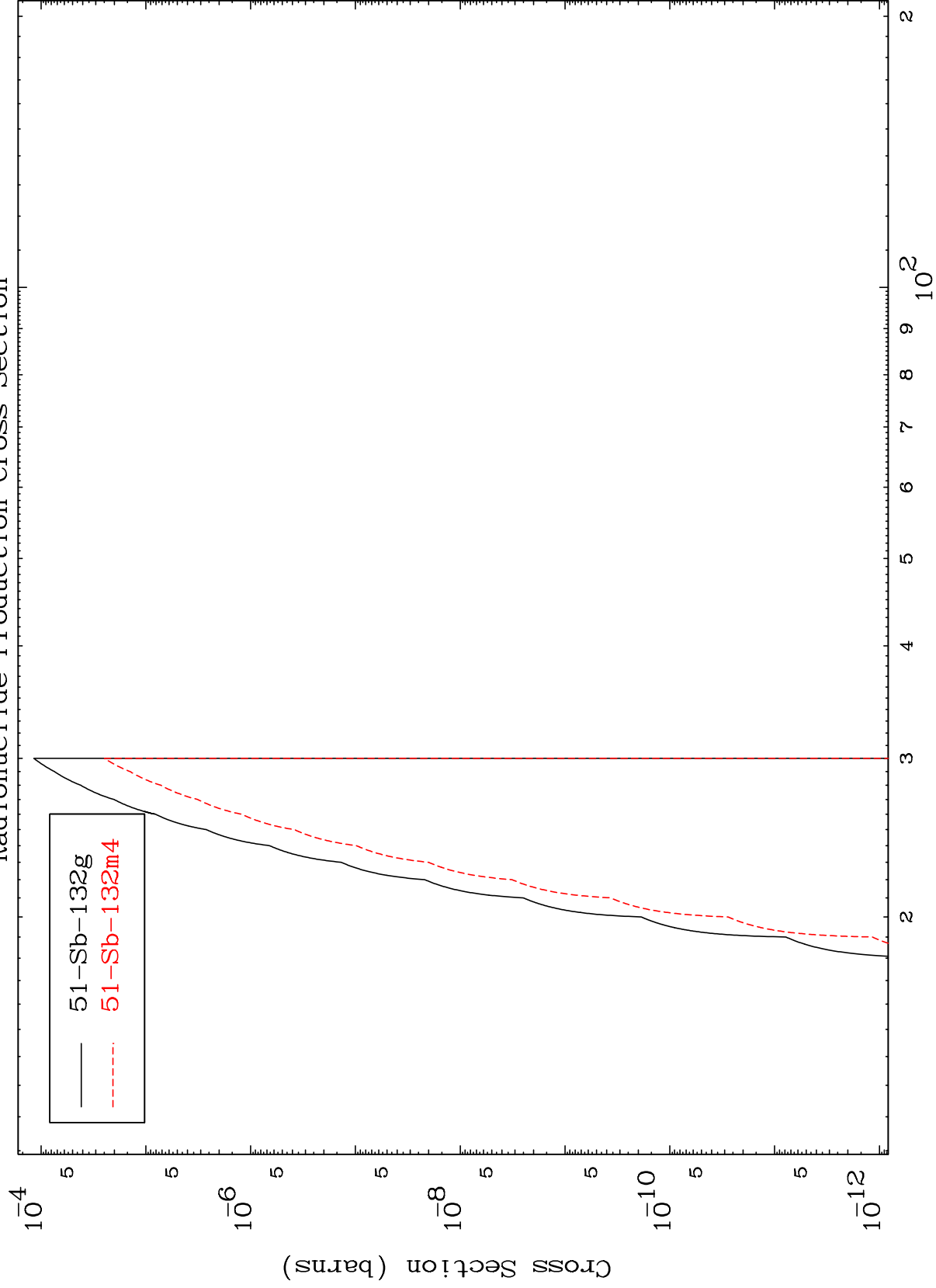
Incident Energy (MeV)

131

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Radionuclide Production Cross Section



132

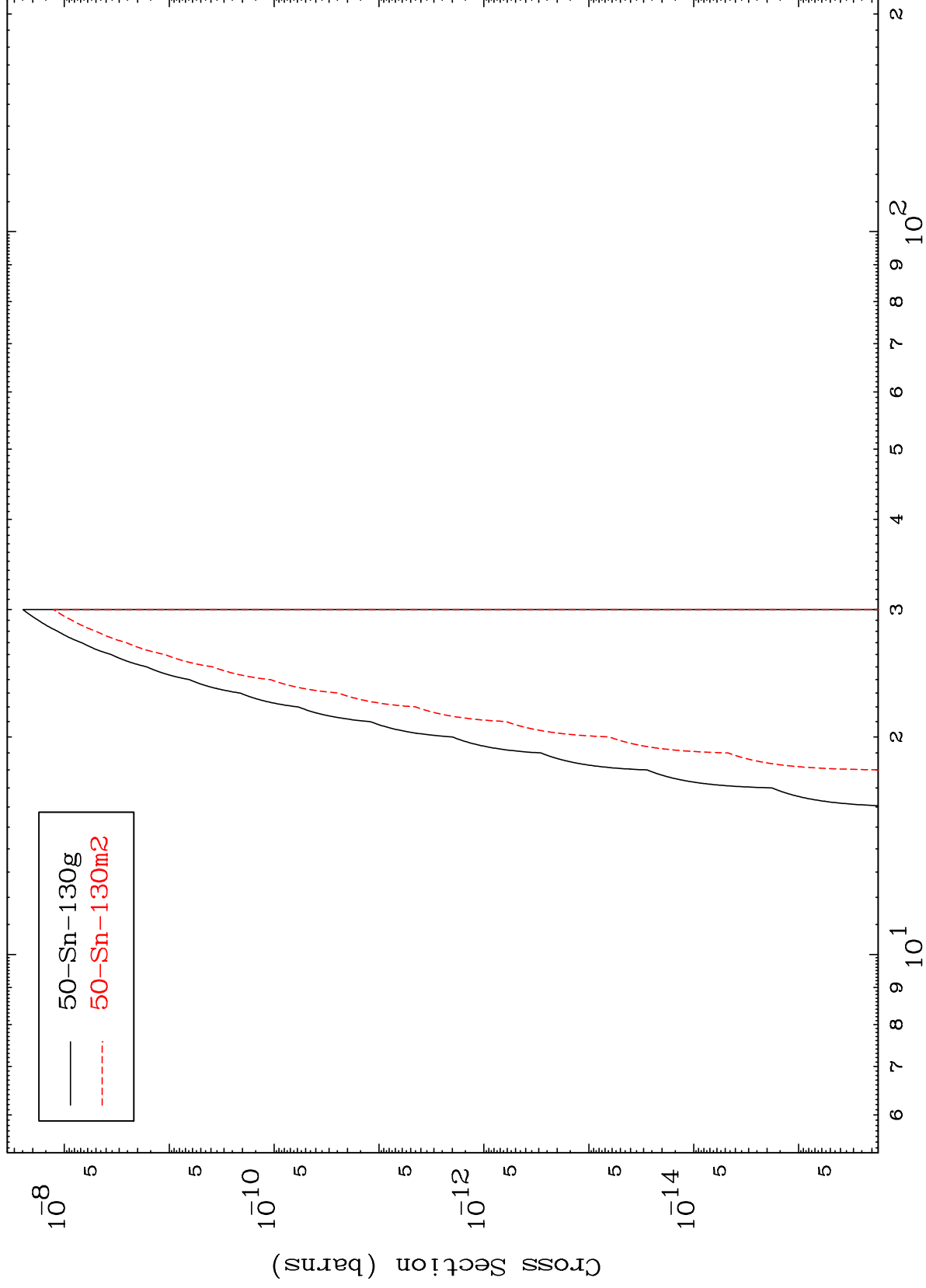
Incident Energy (MeV)

53-I -134

MAT 5346

53-I -134

(n,p) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

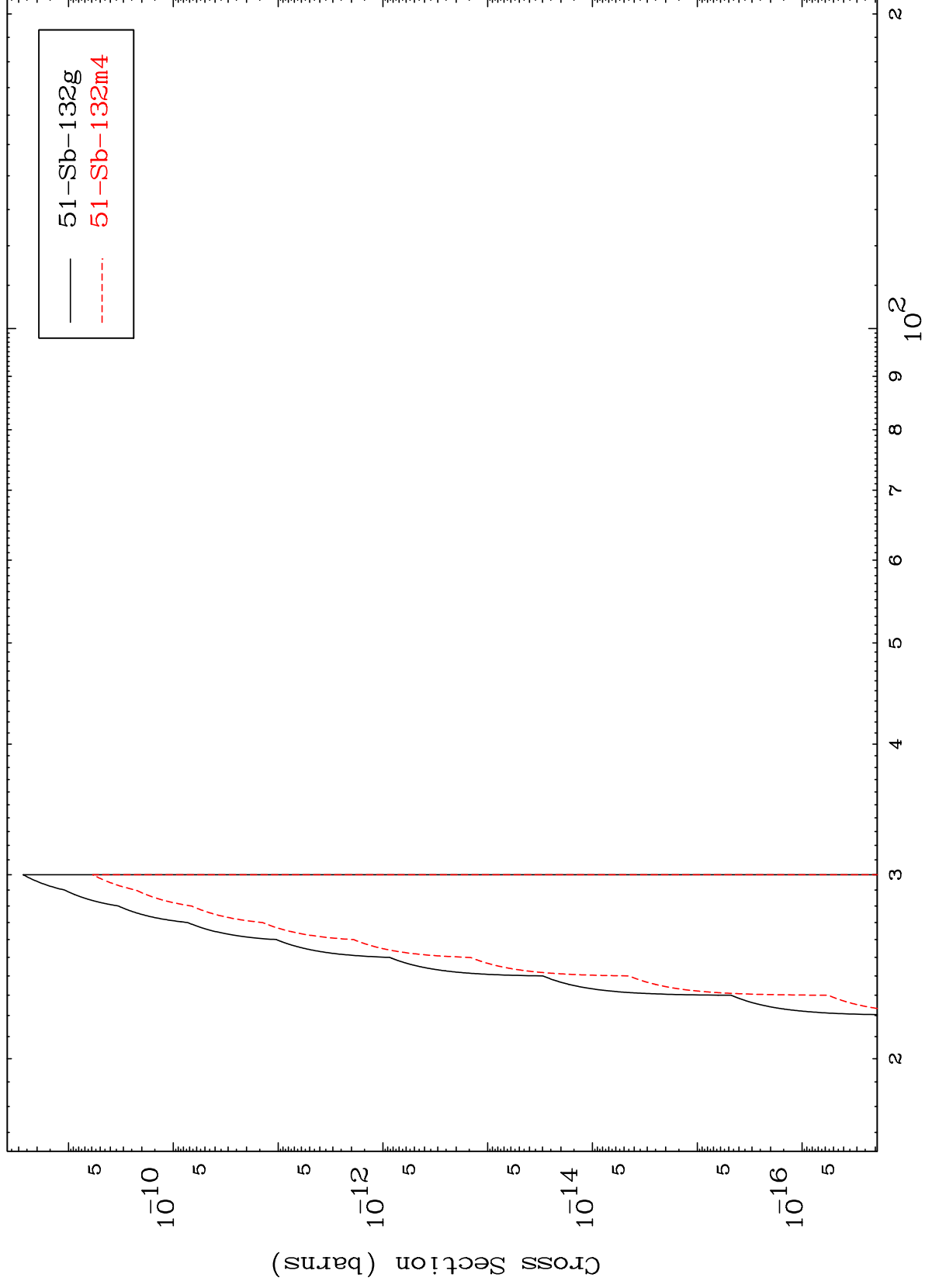
53-I -134

MAT 5346

(n,p) d

53-I -134

Radionuclide Production Cross Section



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Incident Energy (MeV)

53-I -134