

Program EVALPLOT
(Version 2021-1)

by

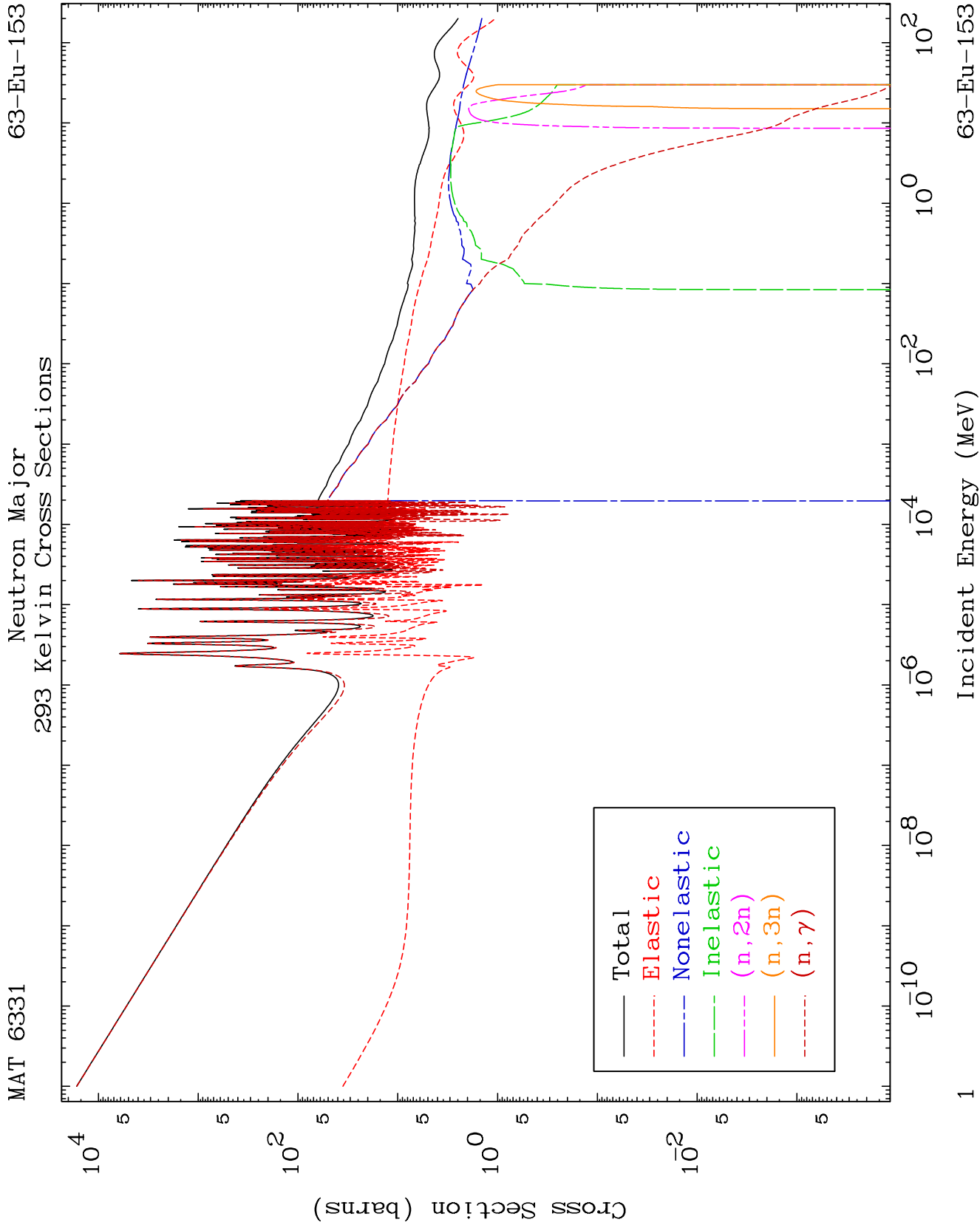
Dermott E. Cullen
(Present Contact Information)

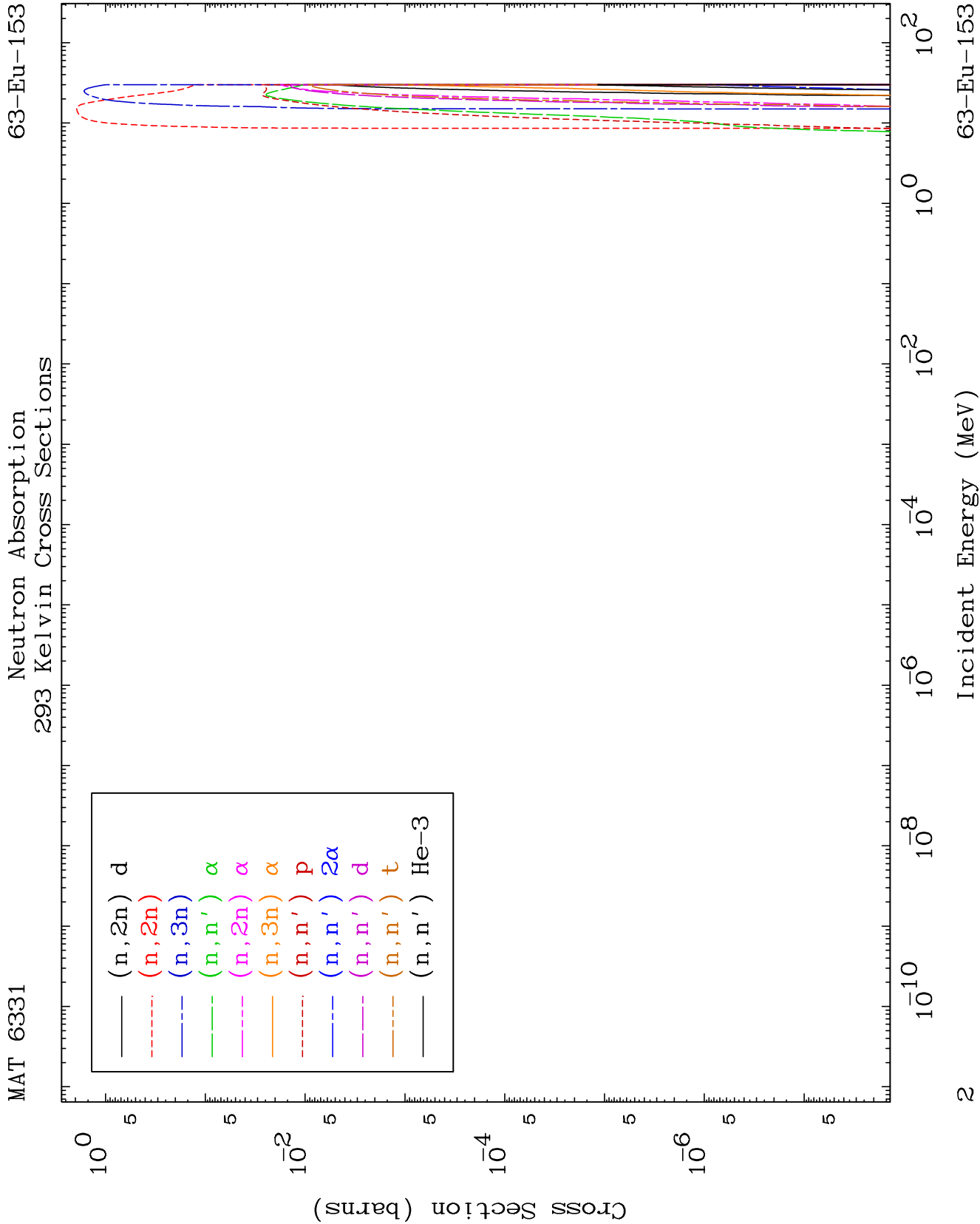
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

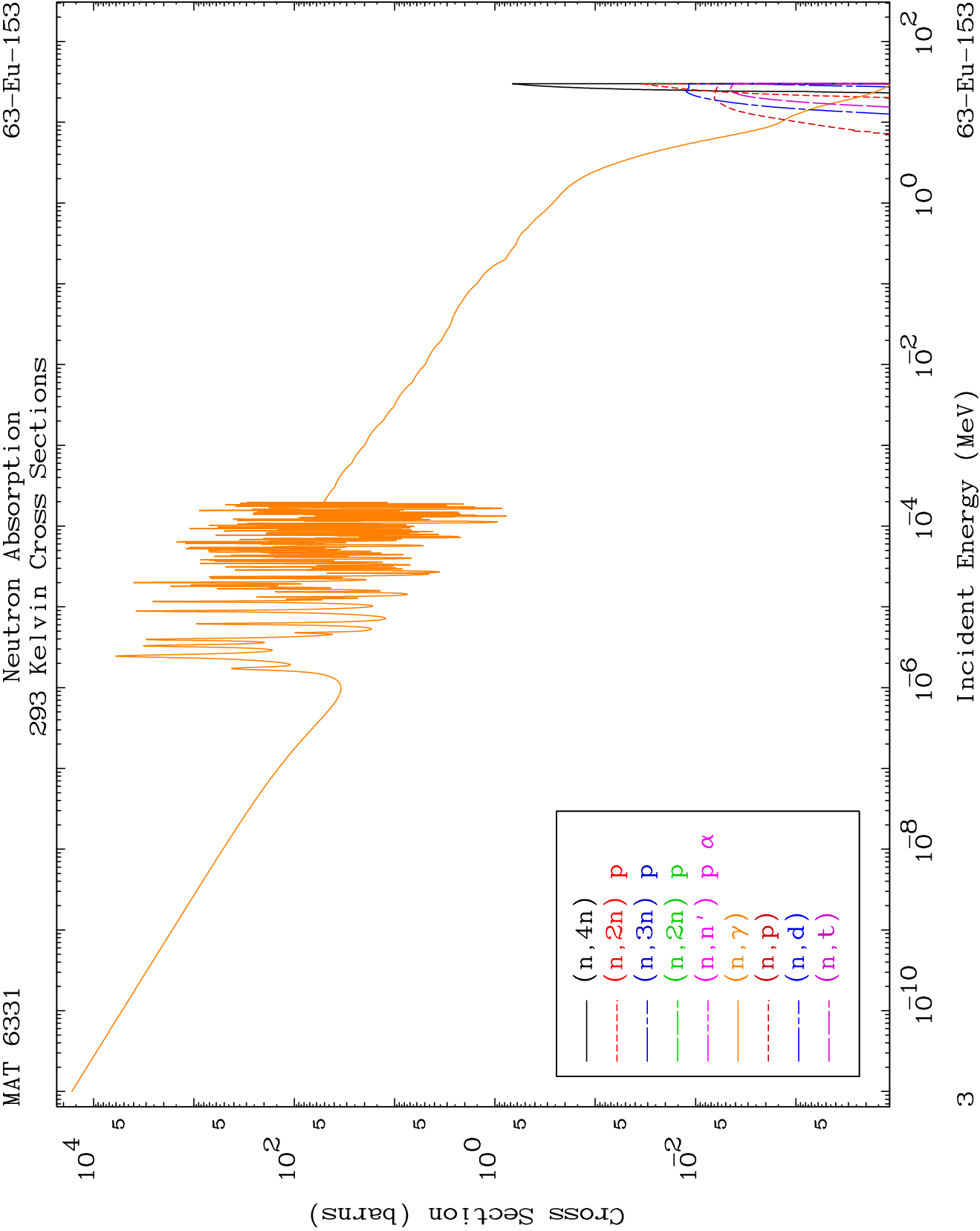
Tele: 925-443-1911

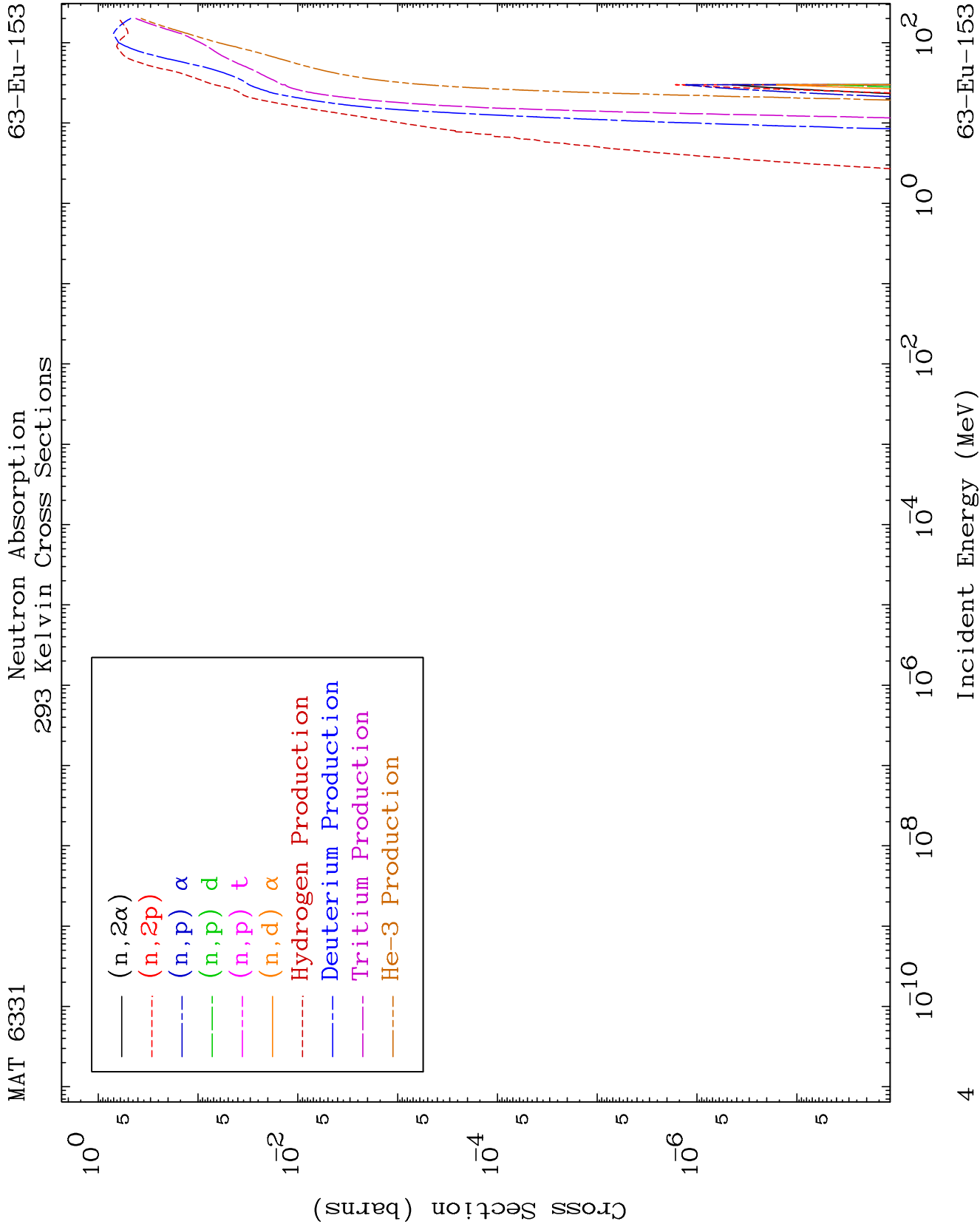
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

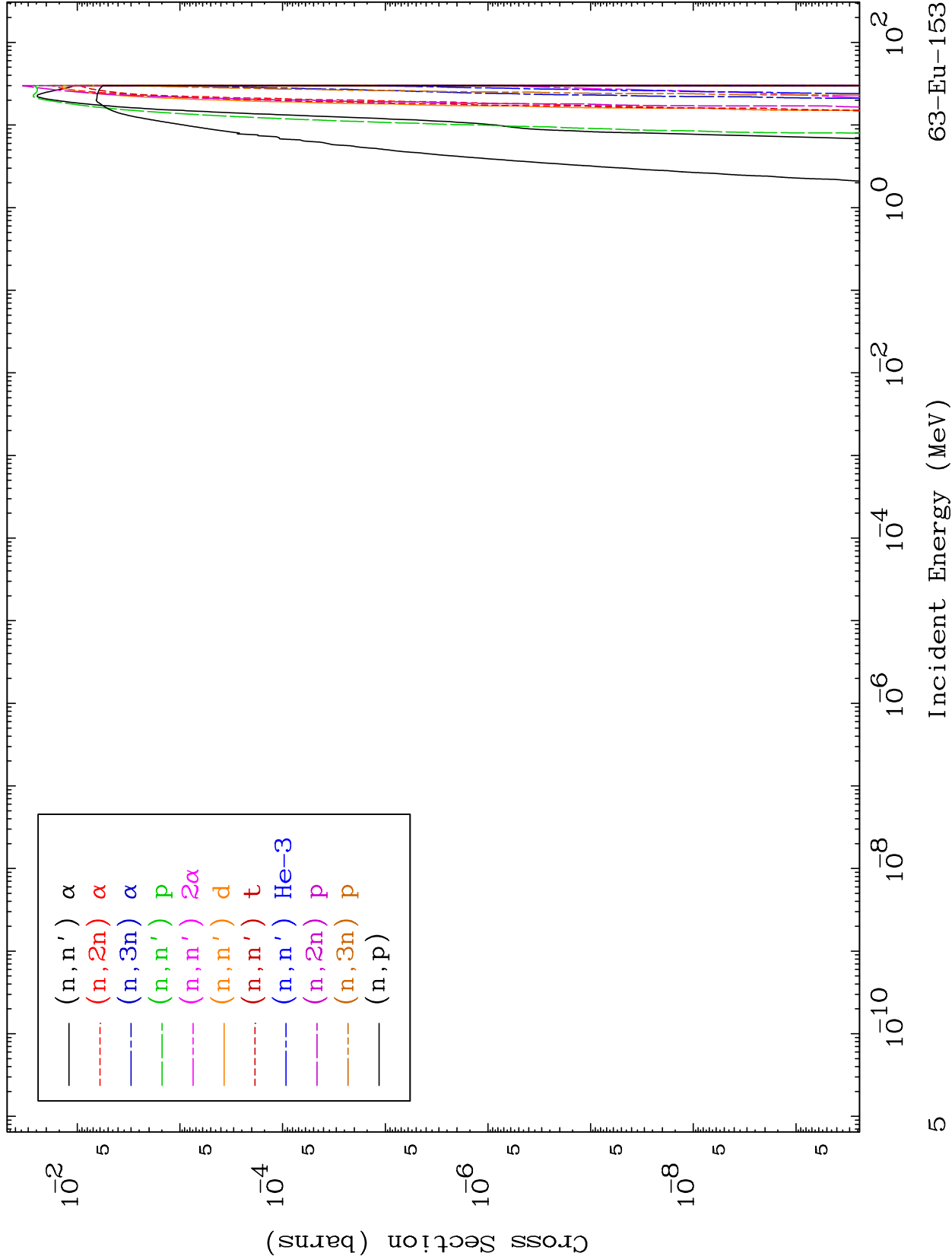
Press Mouse Button to Start







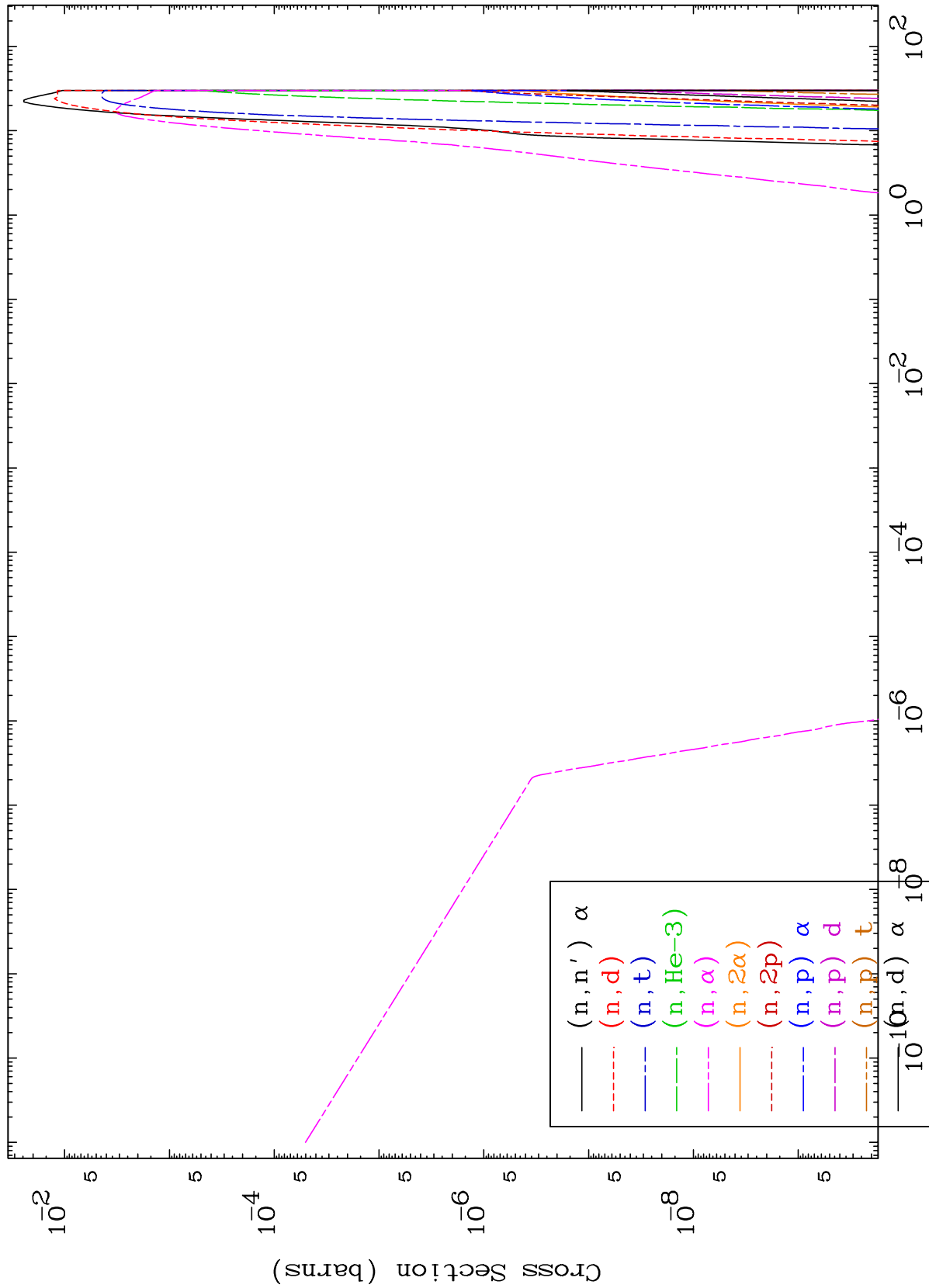




MAT 6331

Charged Particle
293 Kelvin Cross Sections

63-Eu-153



63-Eu-153

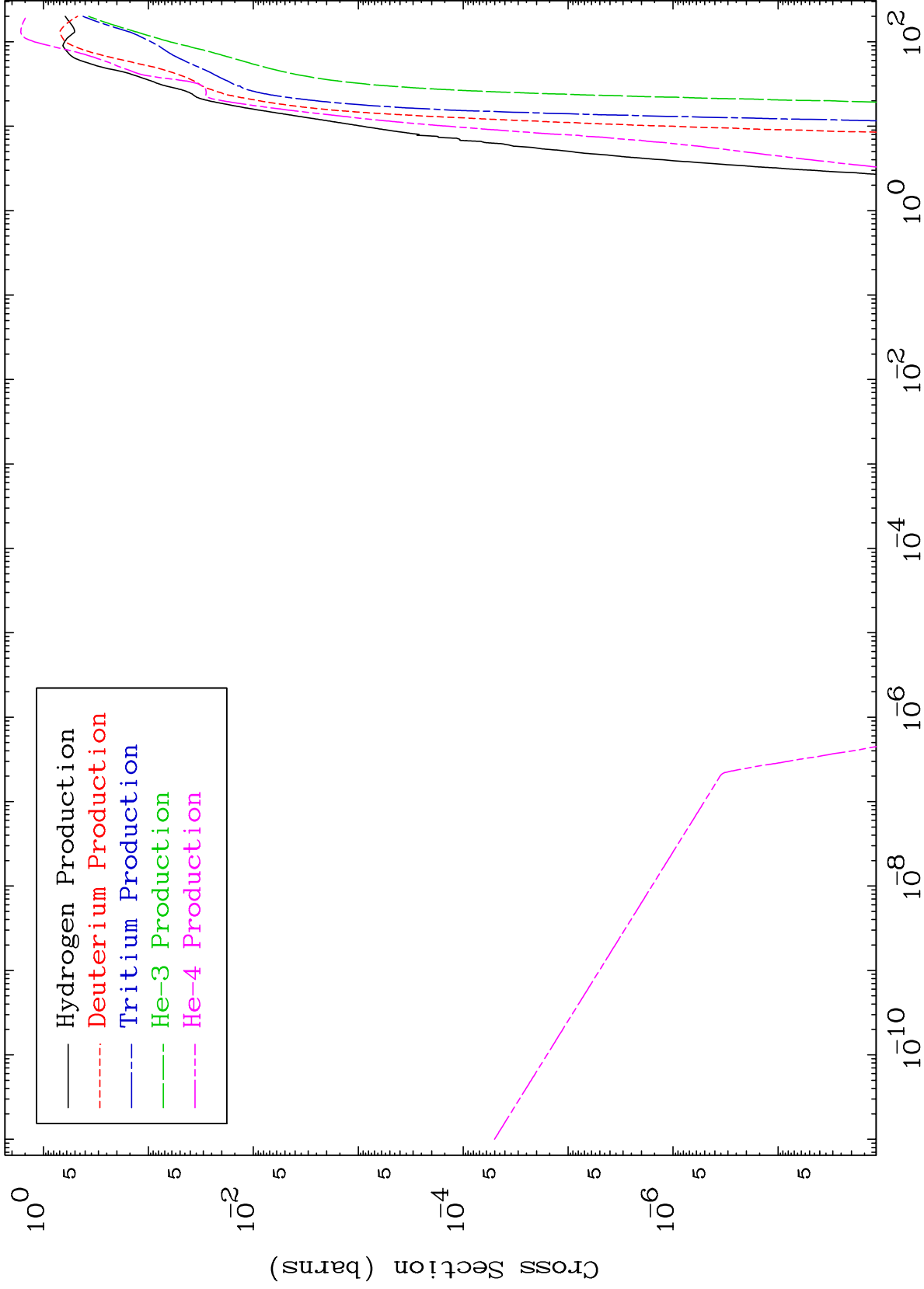
Incident Energy (MeV)

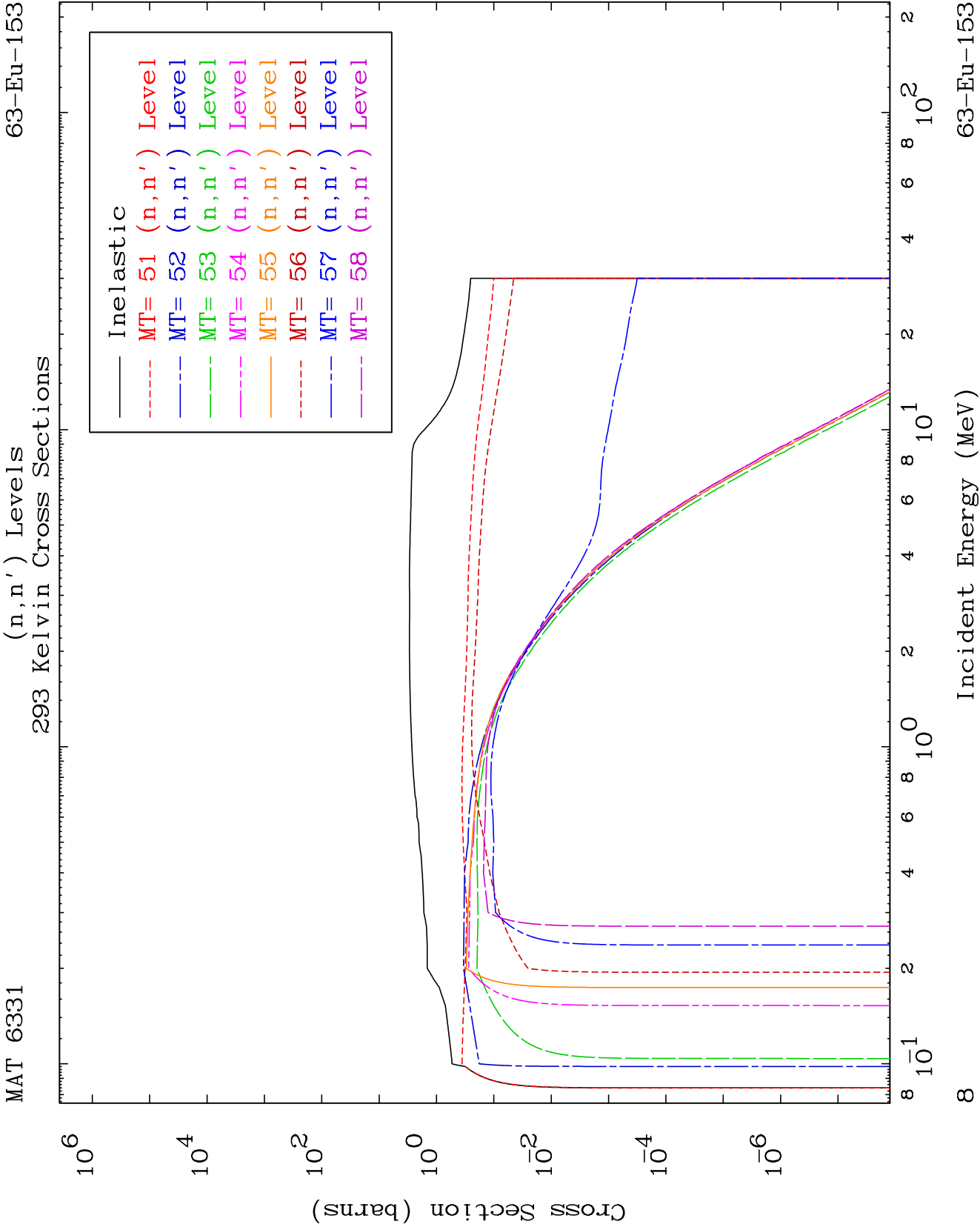
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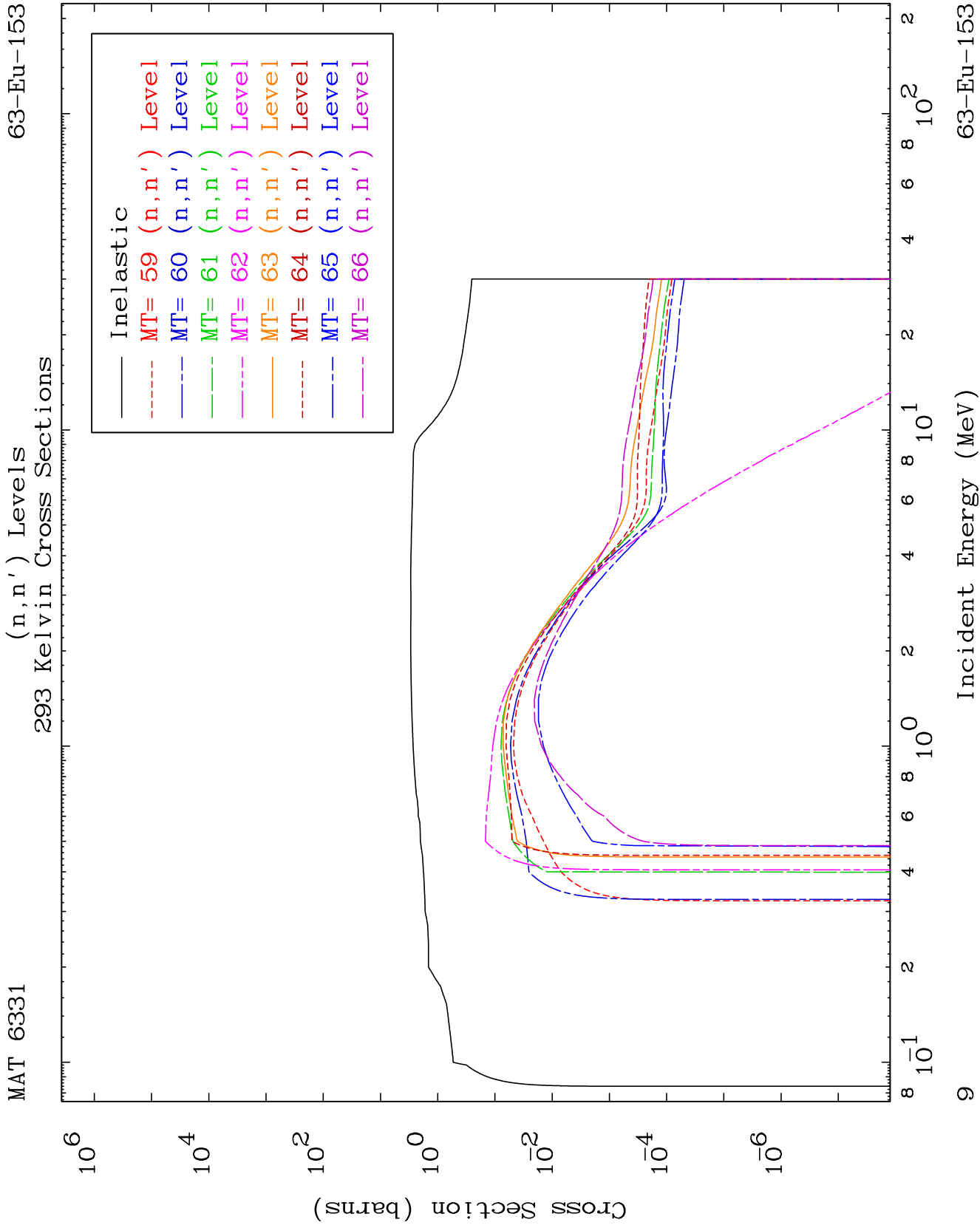
MAT 6331

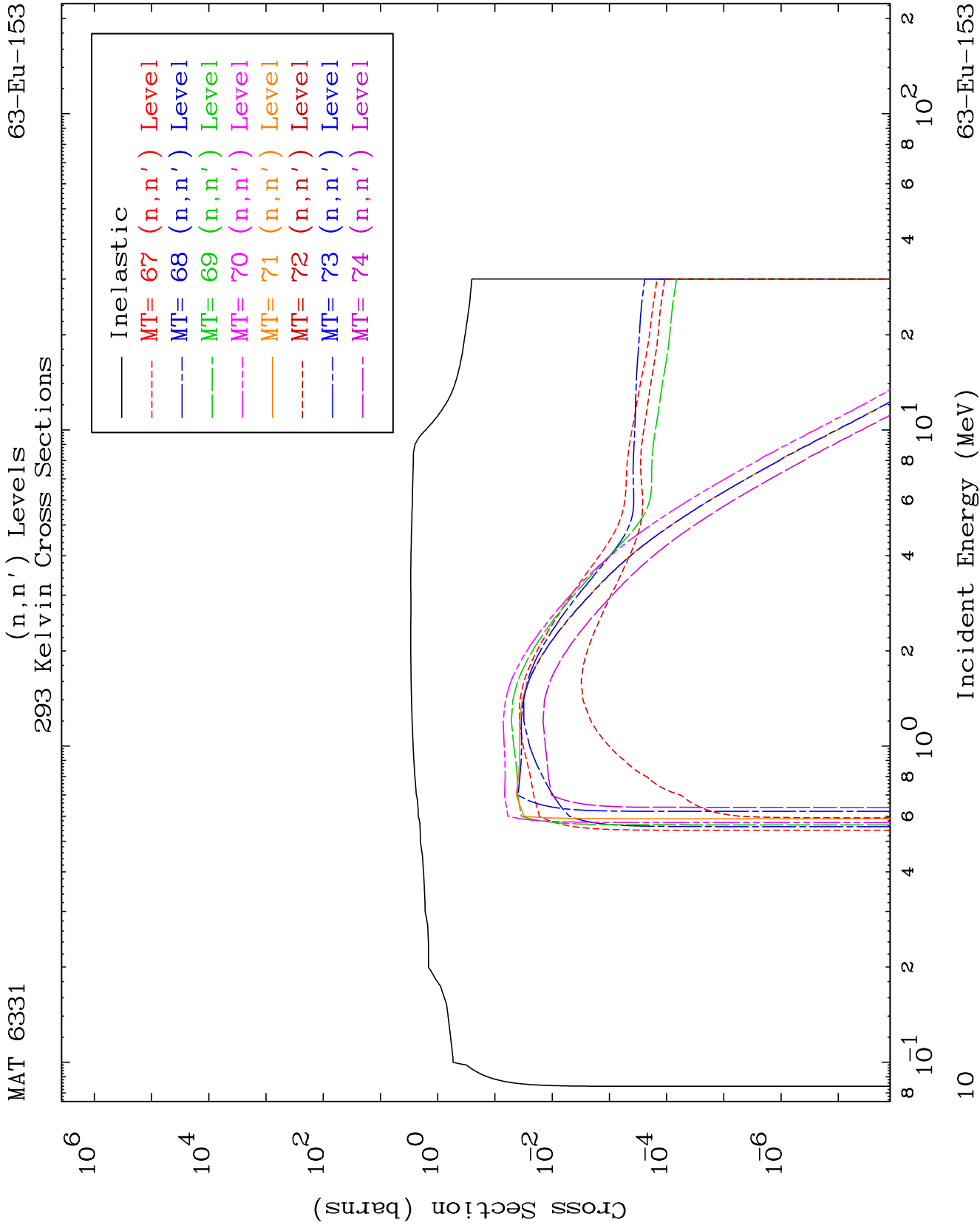
Particle Production
293 Kelvin Cross Sections

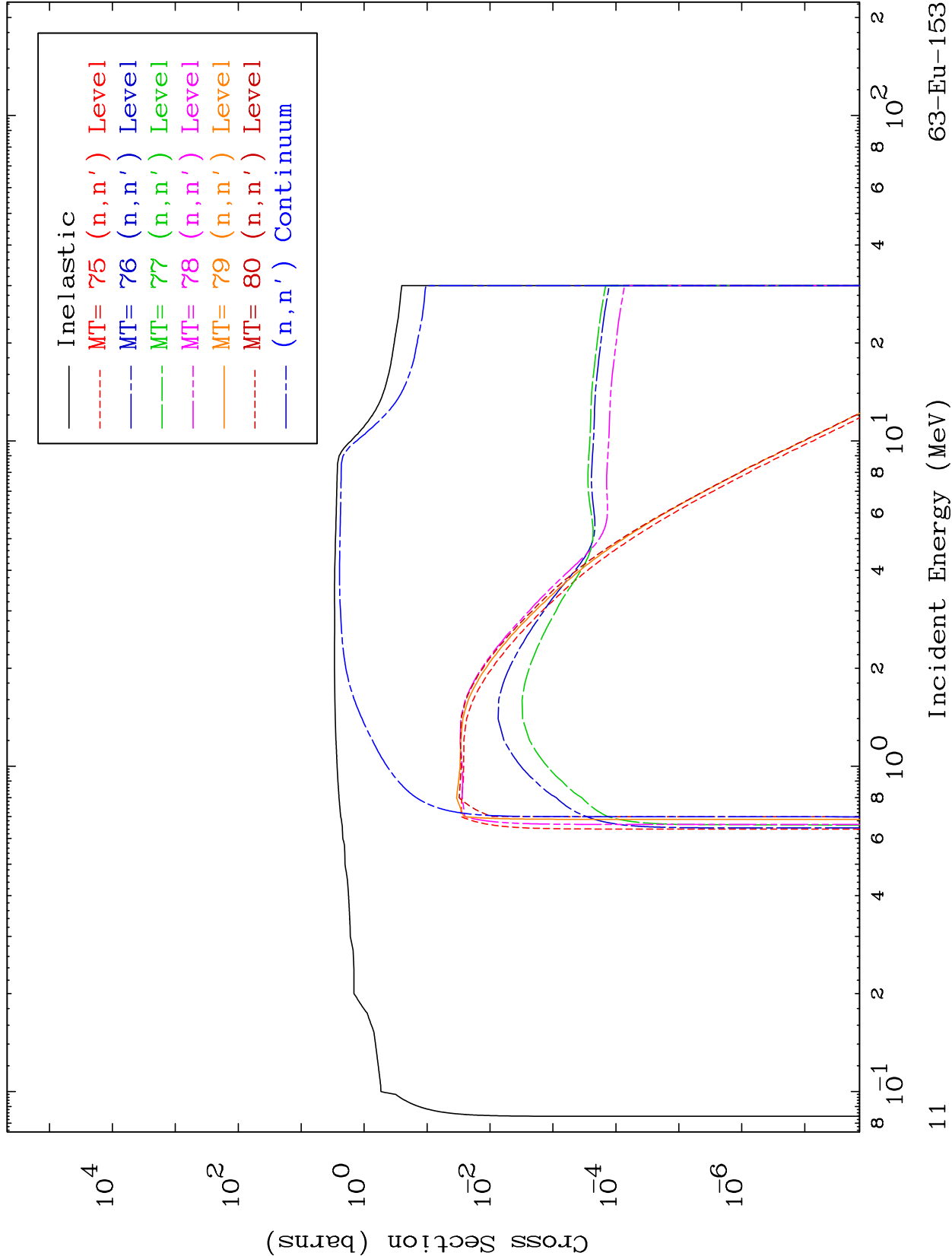
63-Eu-153







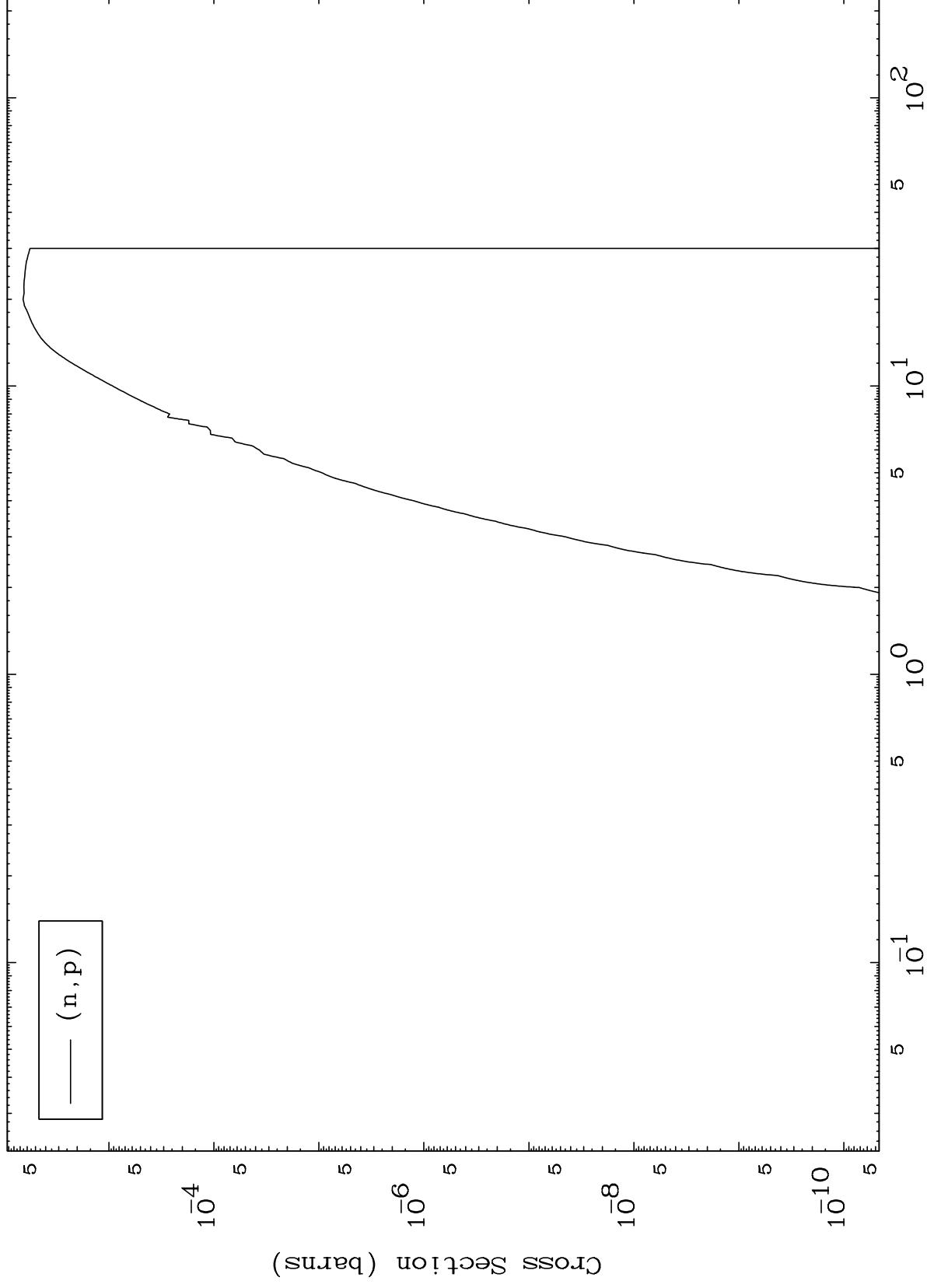




MAT 6331

63-Eu-153

(n,p) Levels
293 Kelvin Cross Sections



63-Eu-153

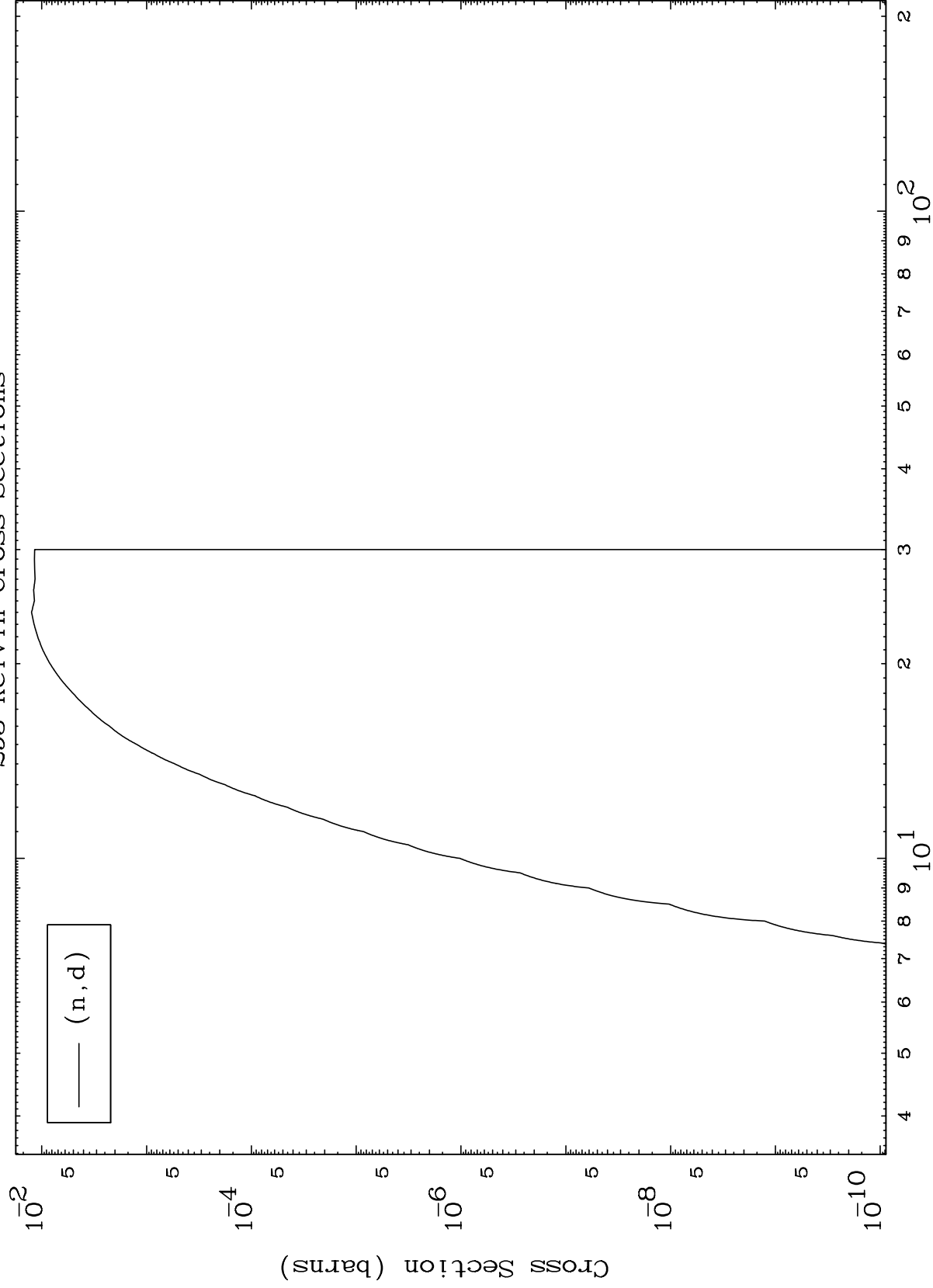
Incident Energy (MeV)

12

MAT 6331

63-Eu-153

(n,d) Levels
293 Kelvin Cross Sections



63-Eu-153

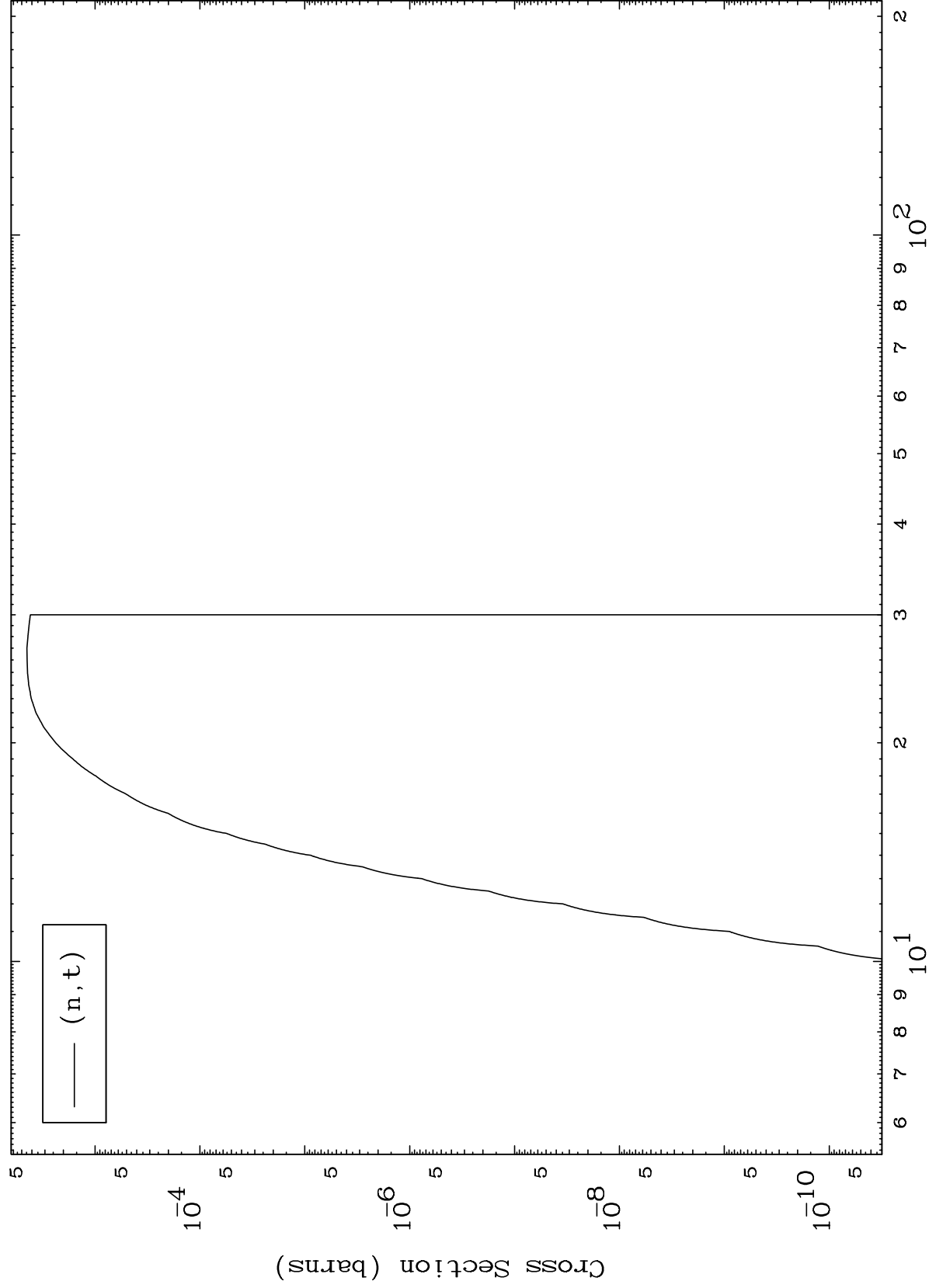
Incident Energy (MeV)

13

MAT 6331

63-Eu-153

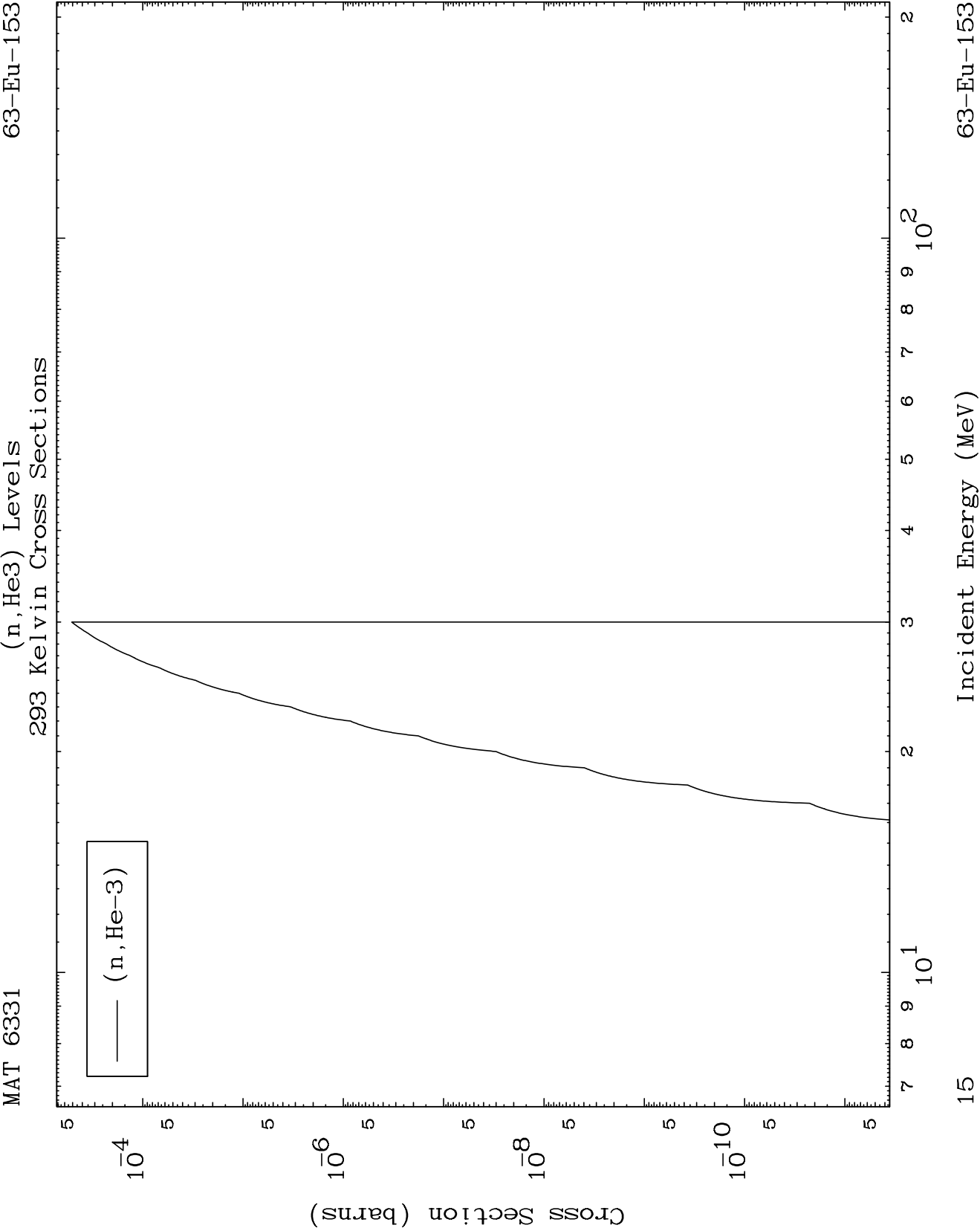
(n,t) Levels
293 Kelvin Cross Sections



63-Eu-153

Incident Energy (MeV)

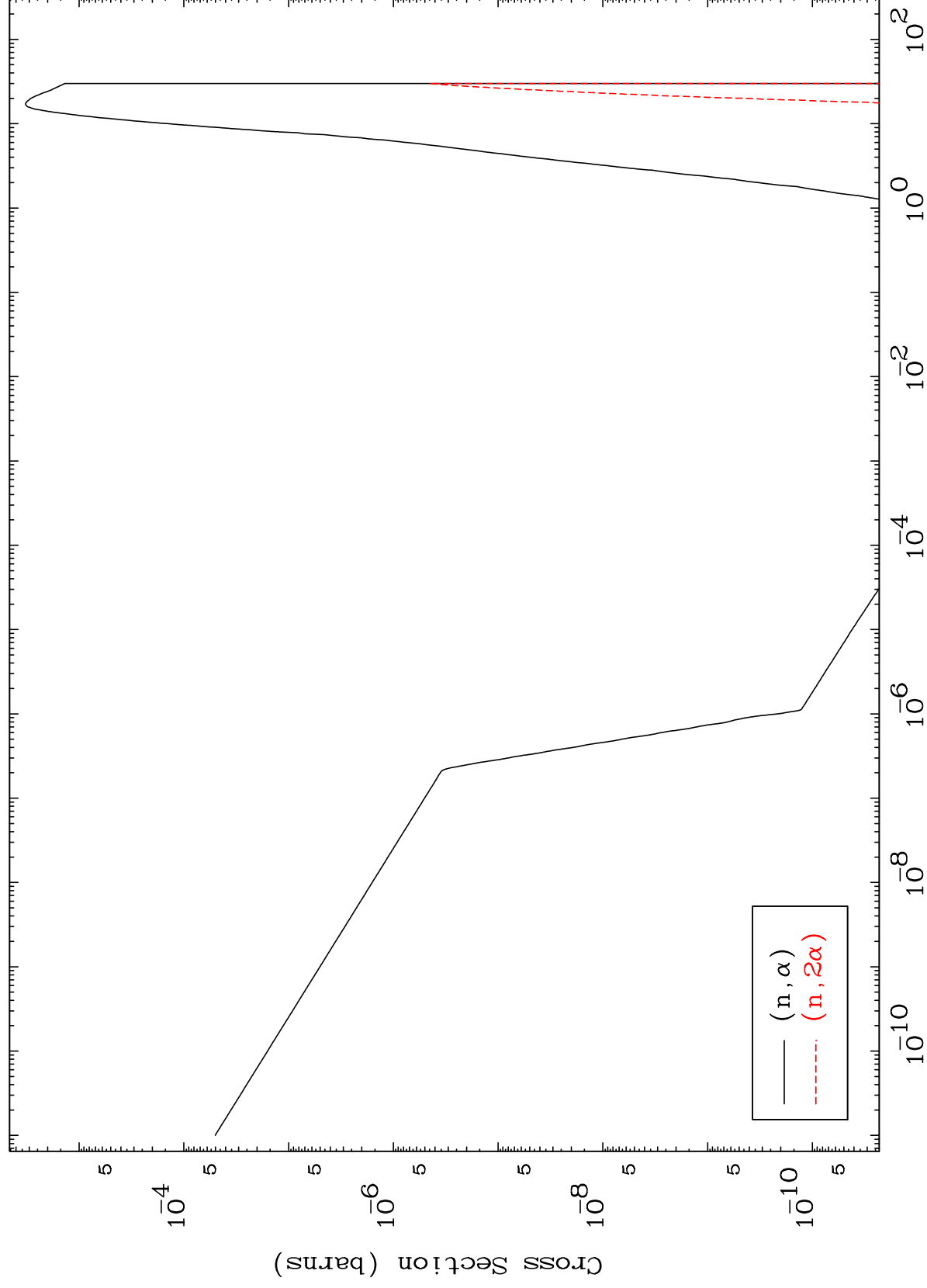
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MAT 6331

(n, α) Levels
293 Kelvin Cross Sections

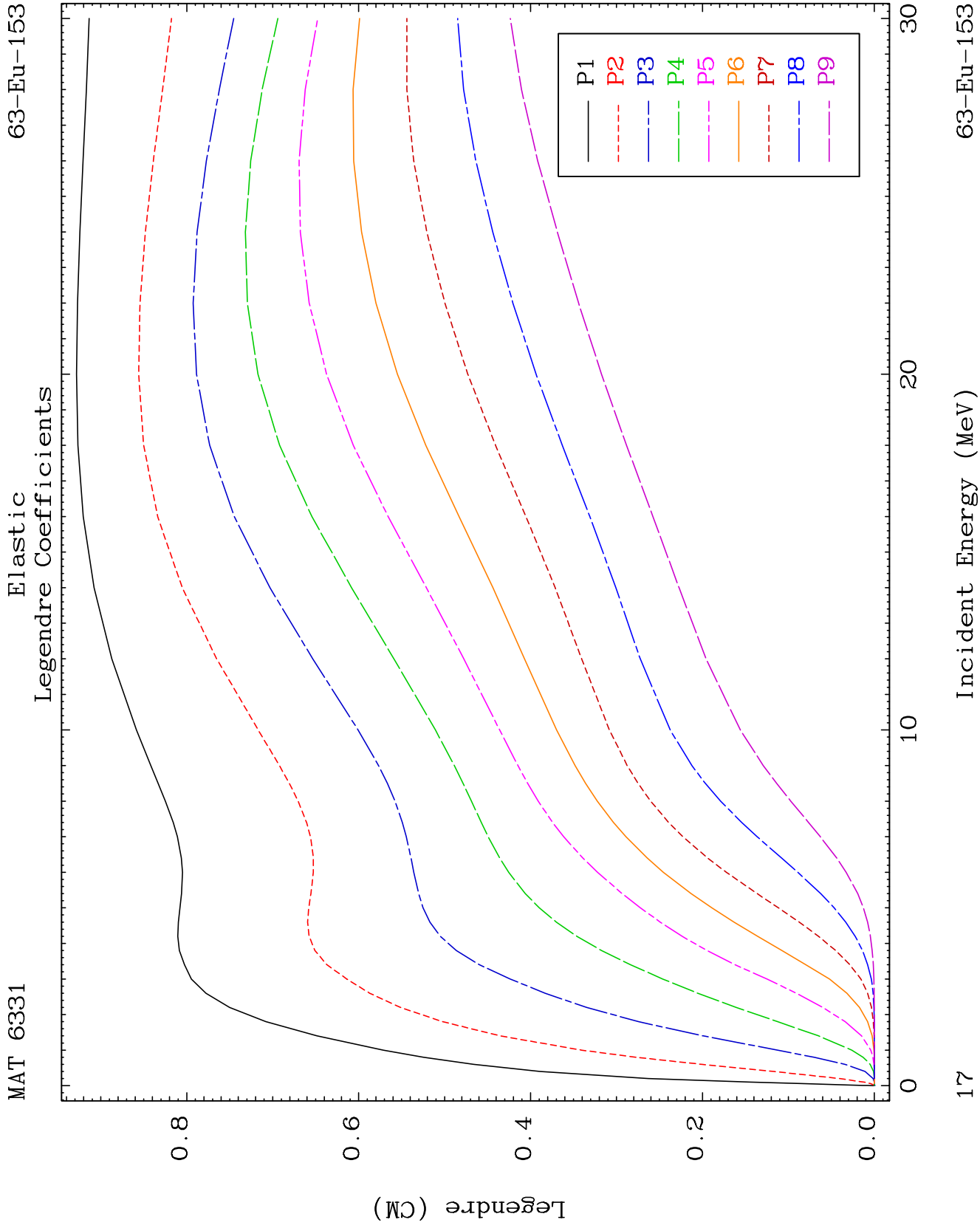
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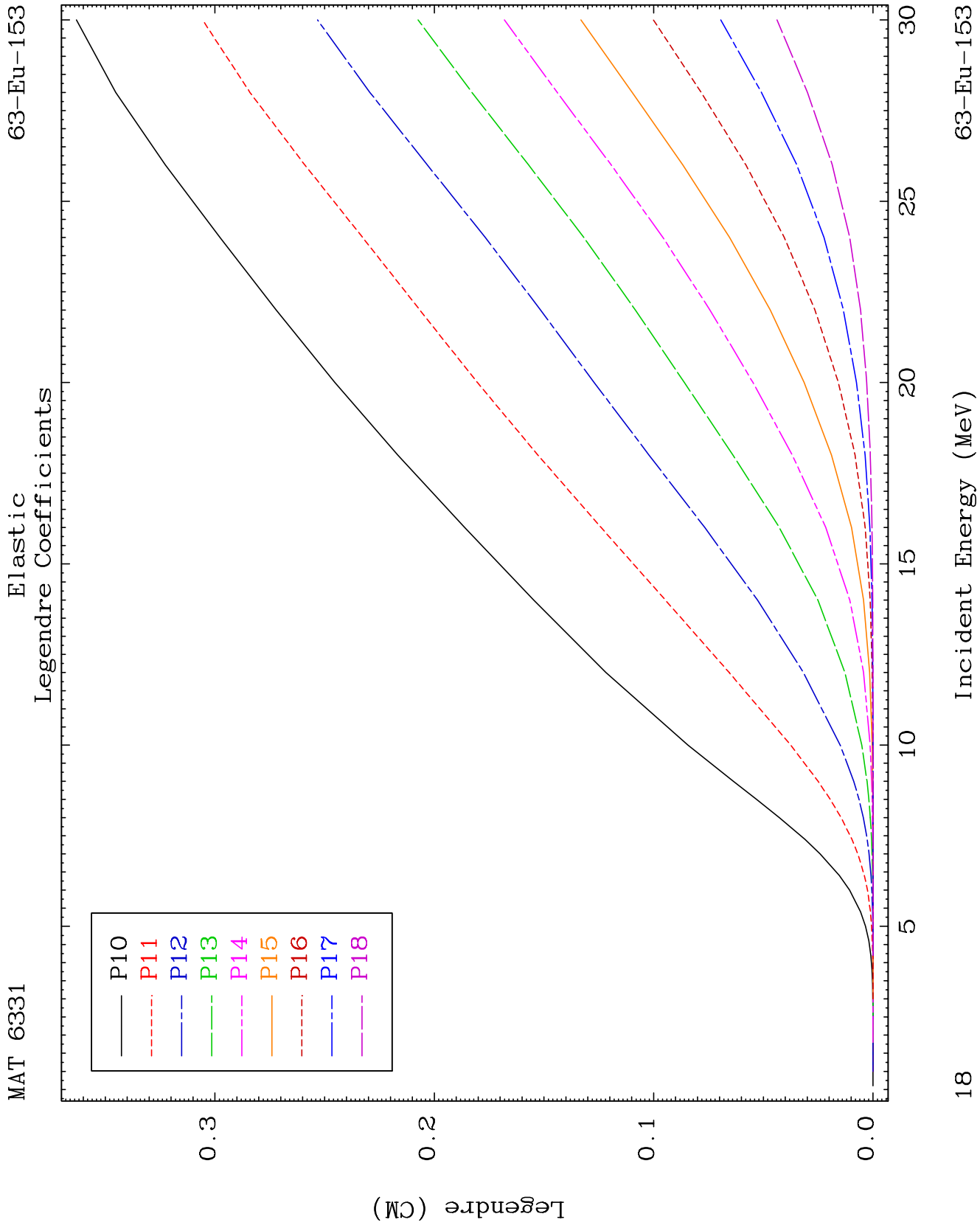


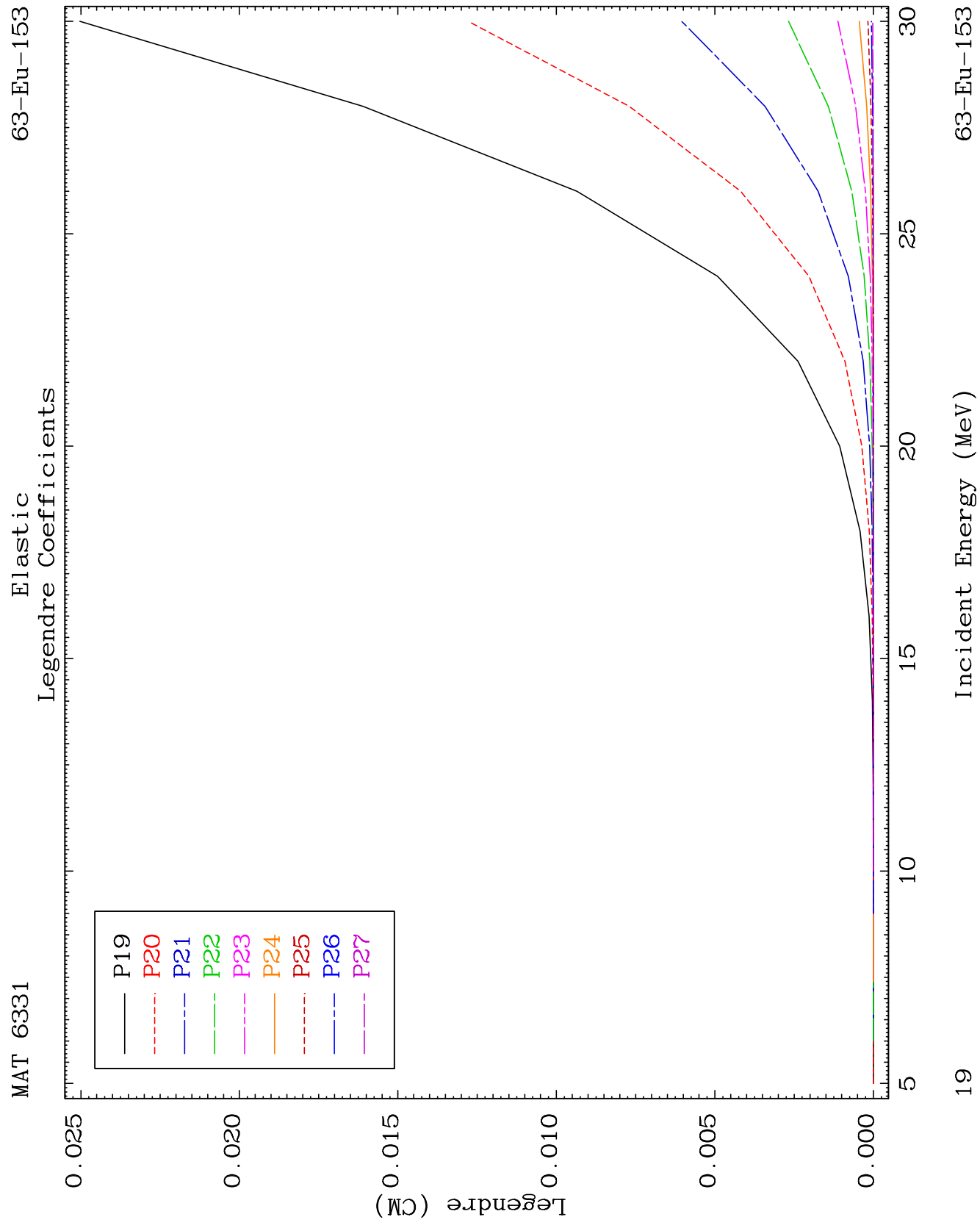
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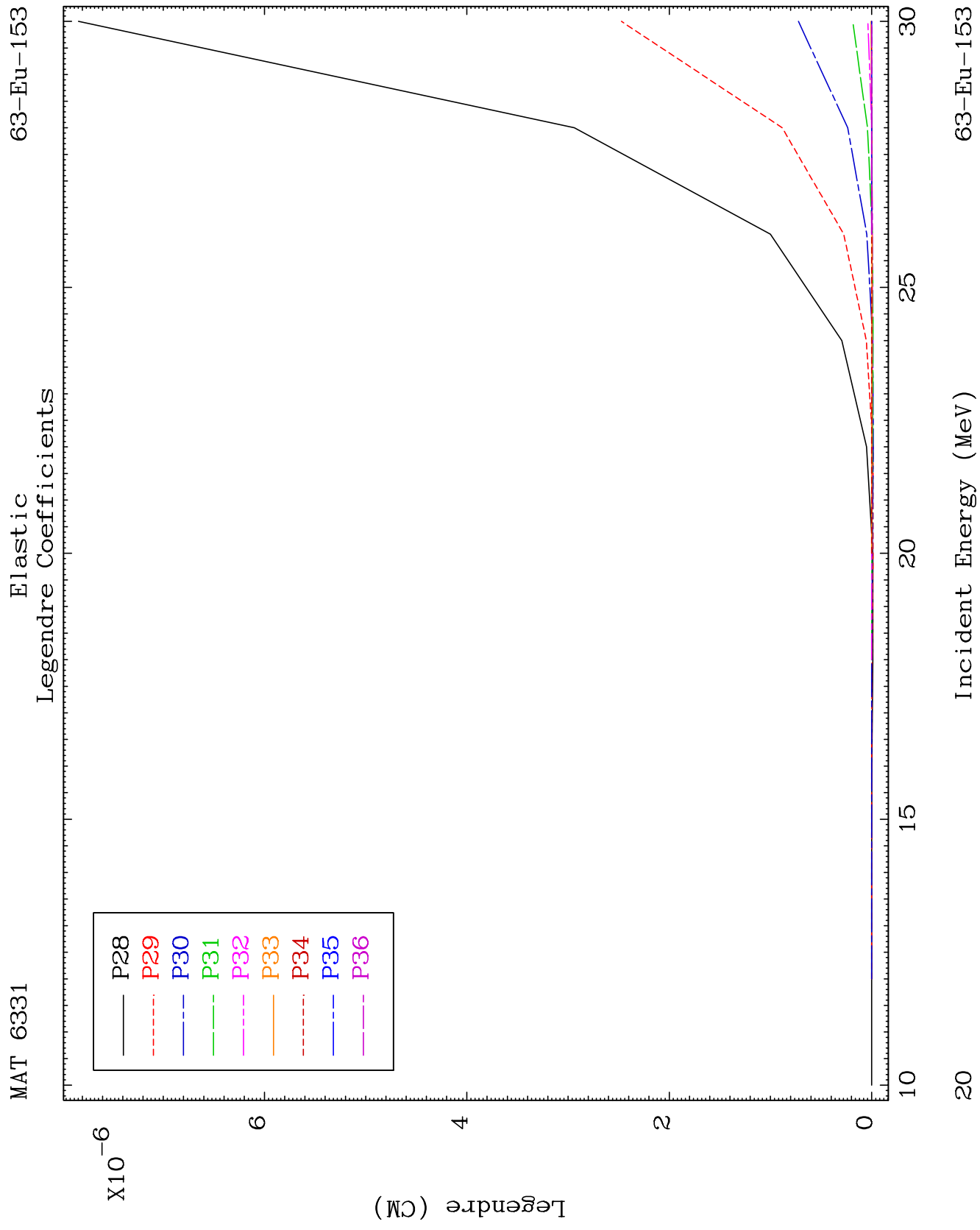
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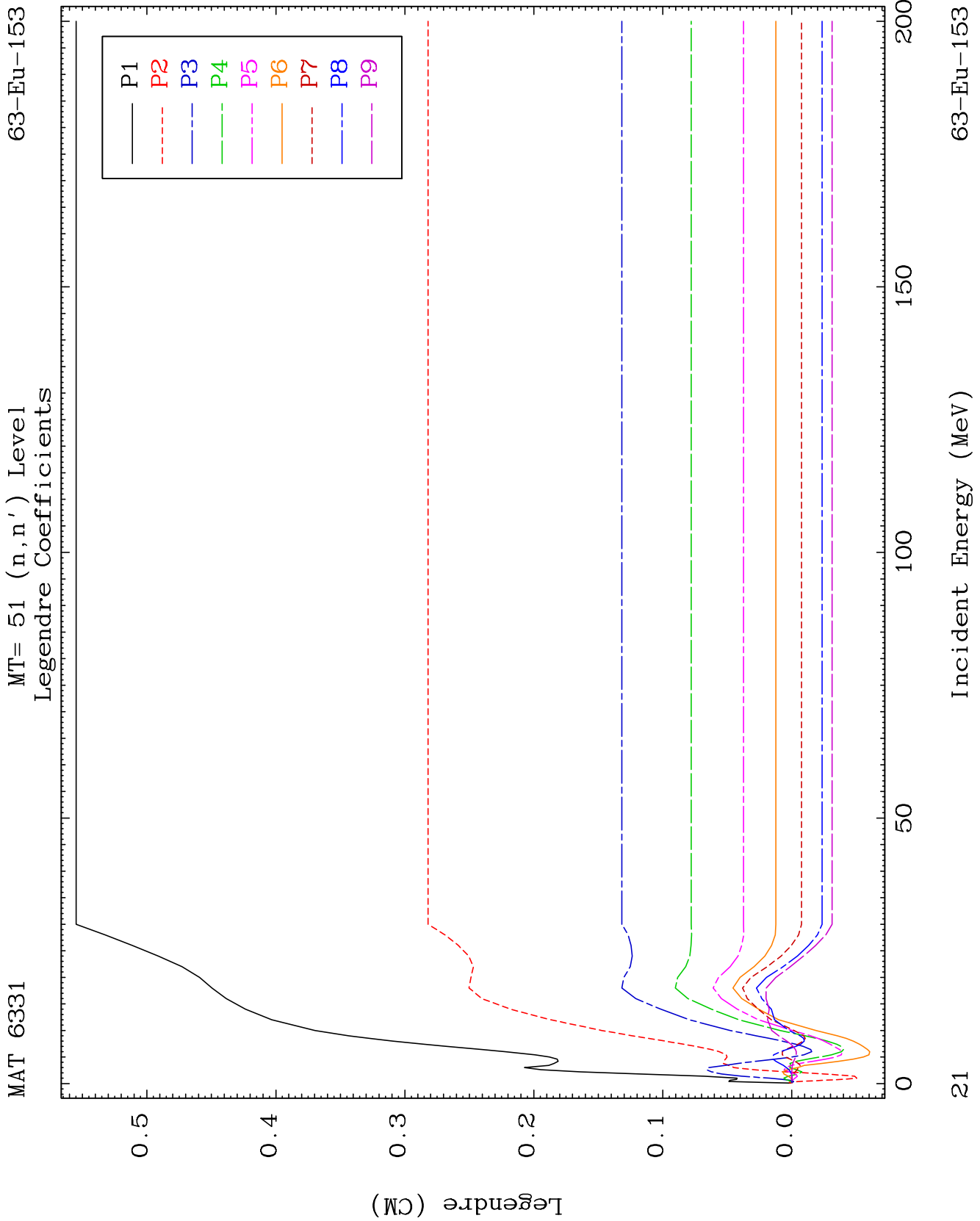
63-Eu-153







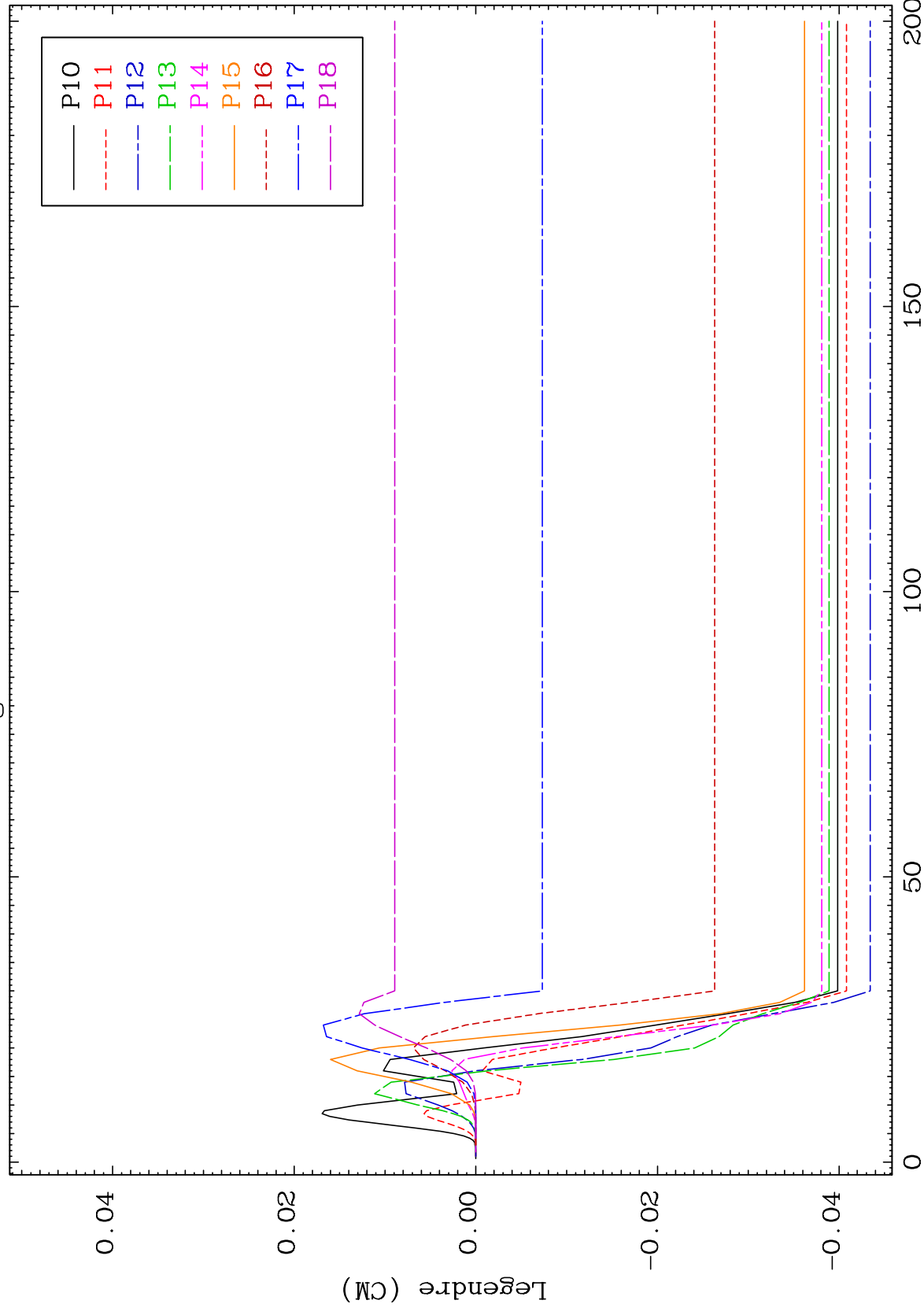




MAT 6331

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

63-Eu-153



22

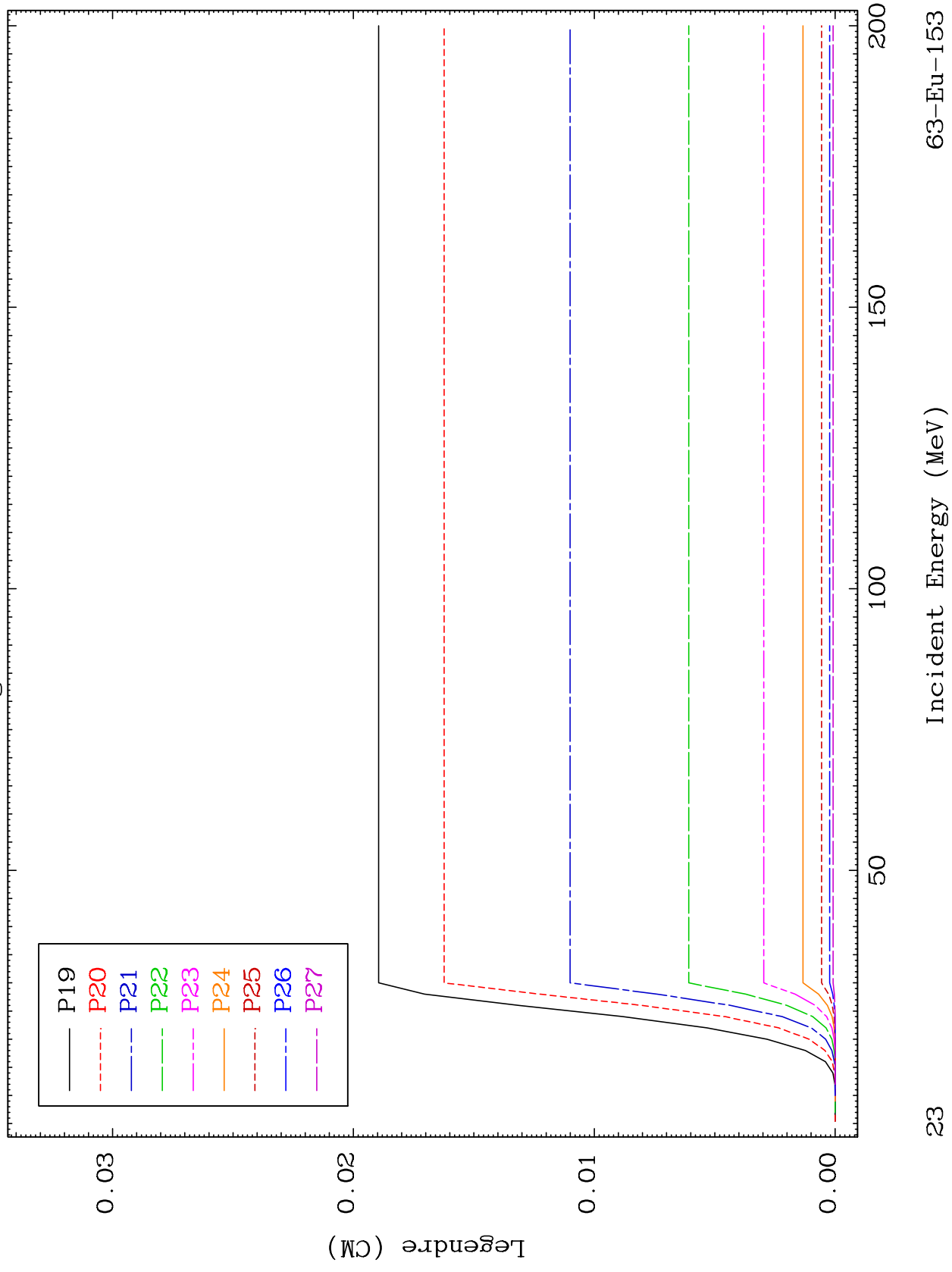
Incident Energy (MeV)

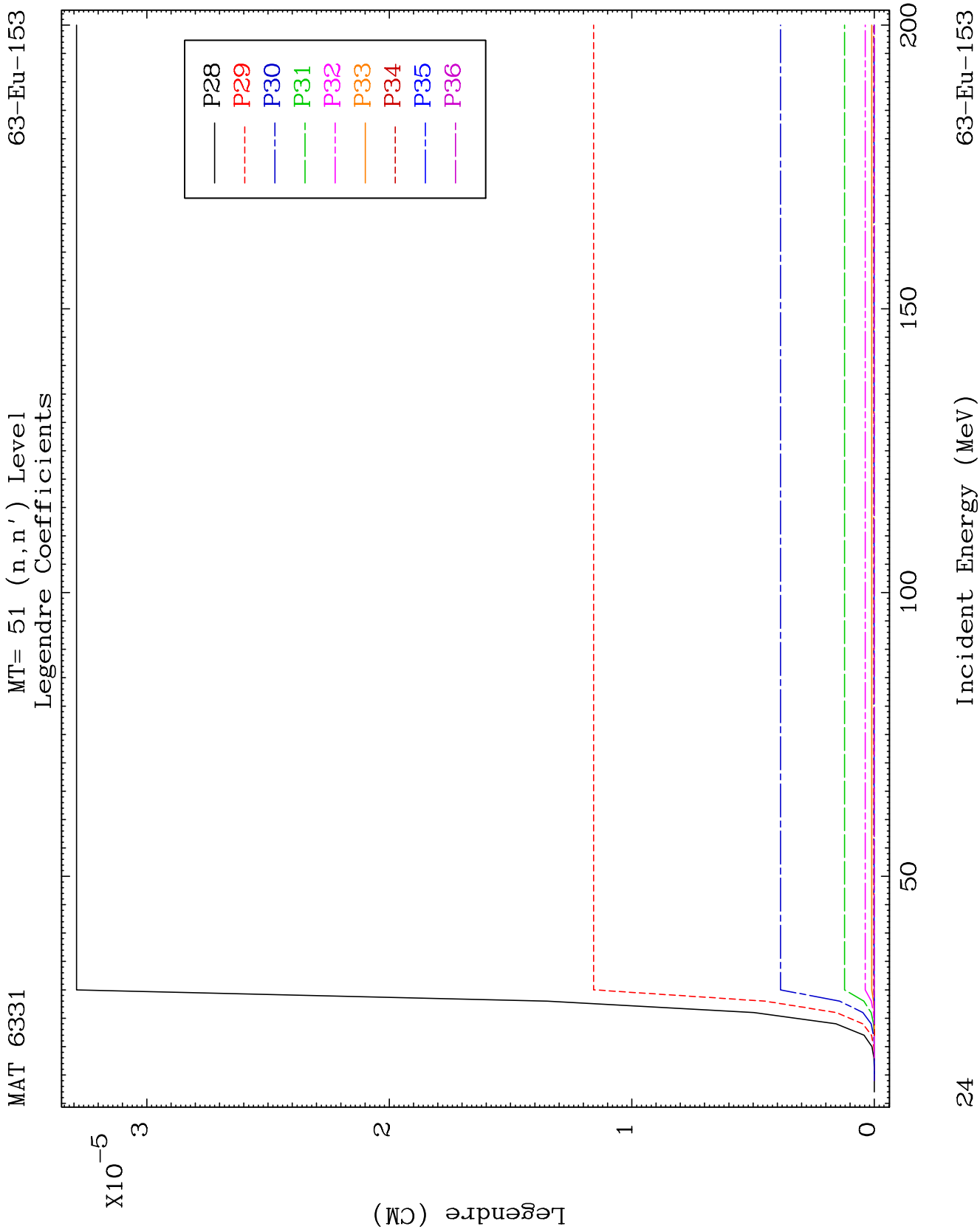
63-Eu-153

MAT 6331

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

63-Eu-153



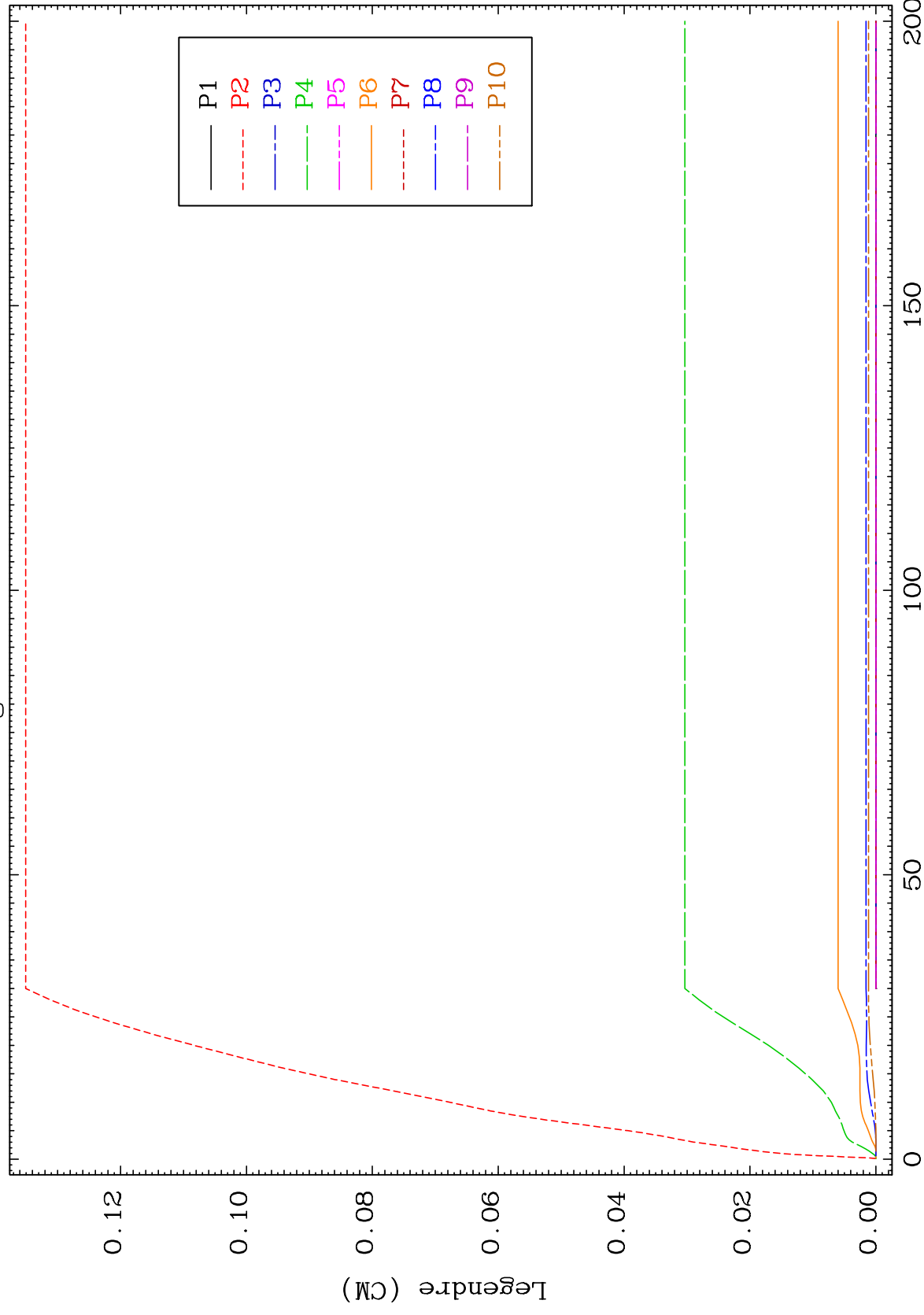


MAT 6331

MT= 52 (n, n') Level

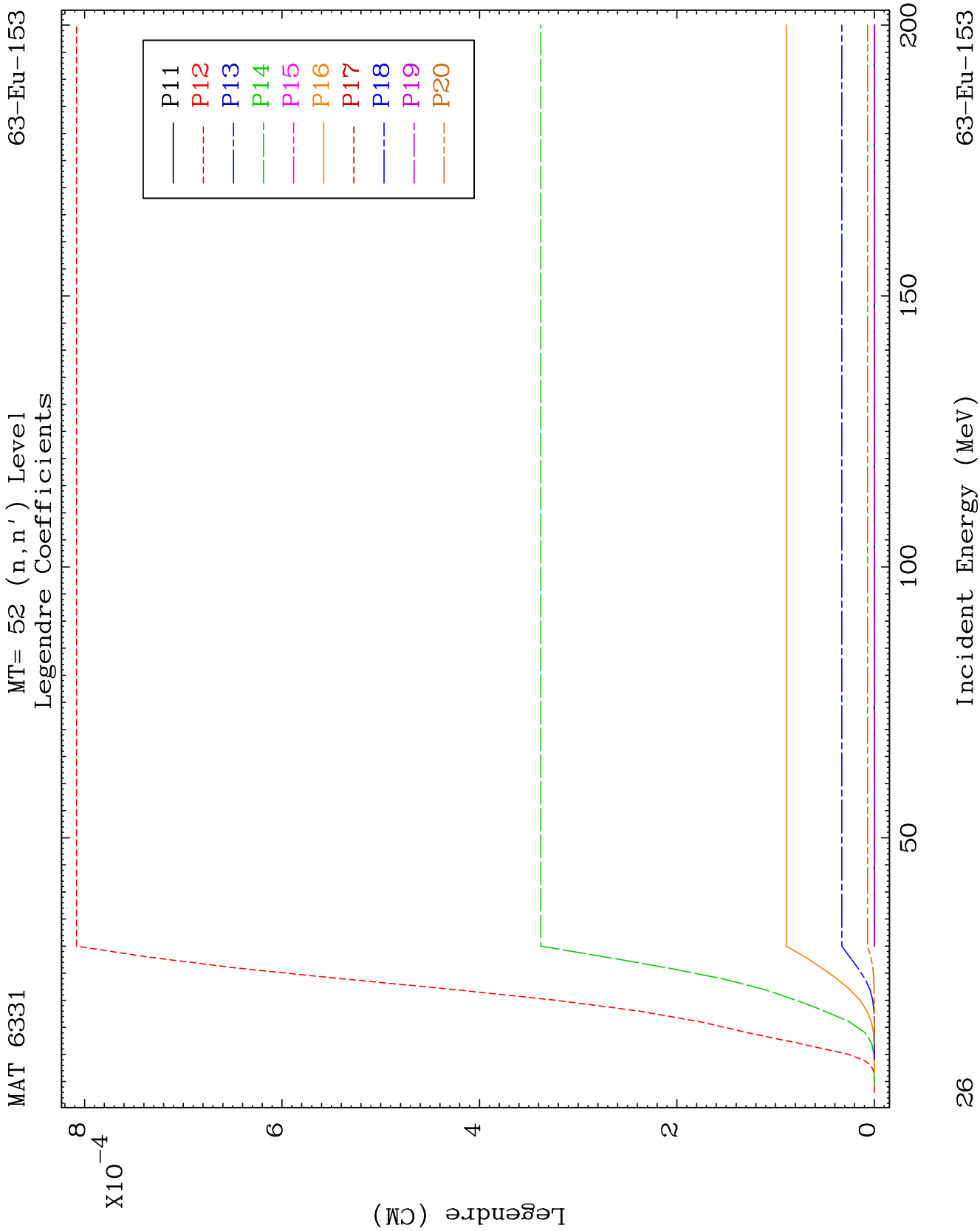
63-Eu-153

Legendre Coefficients



63-Eu-153

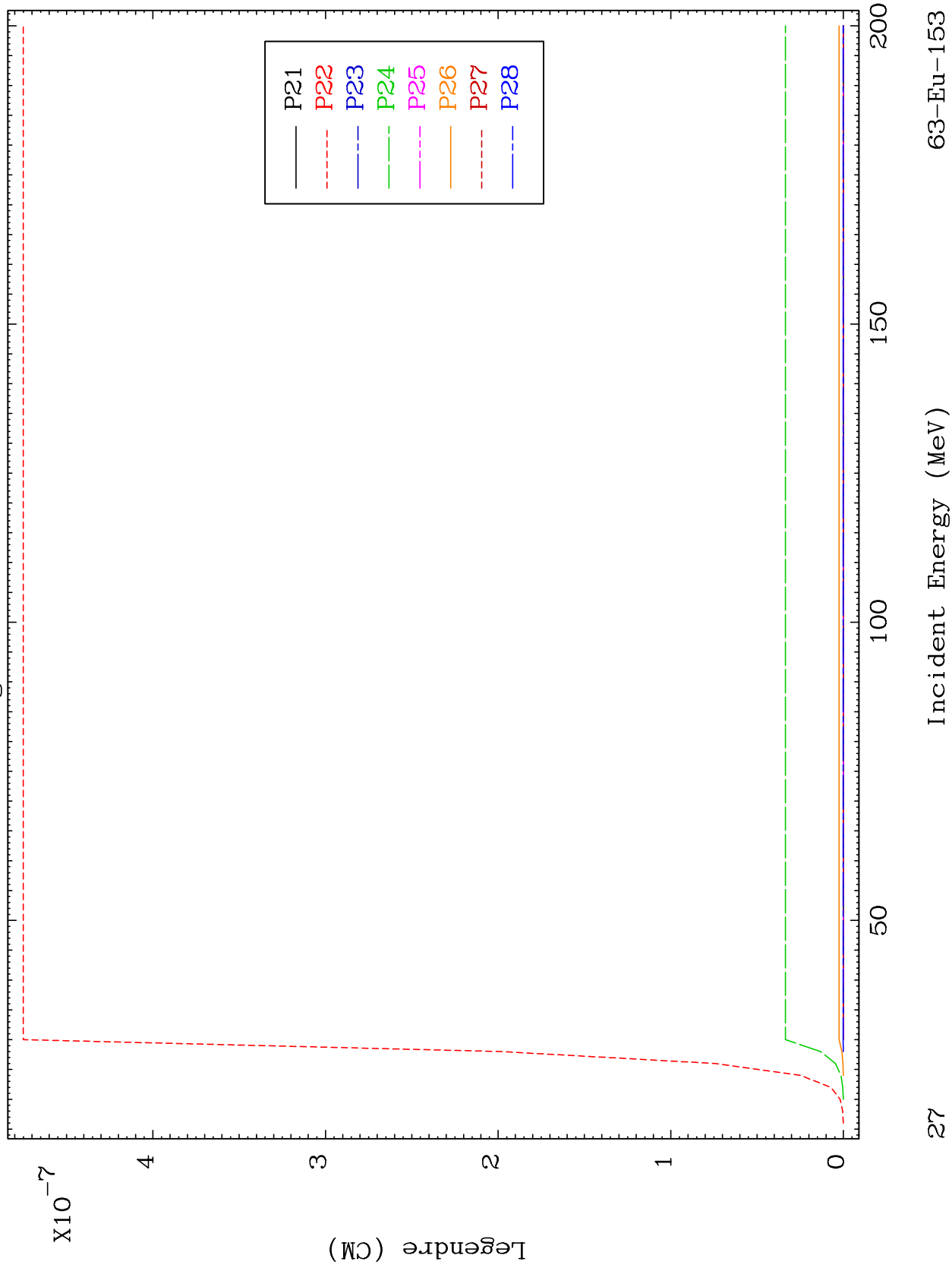
Incident Energy (MeV)

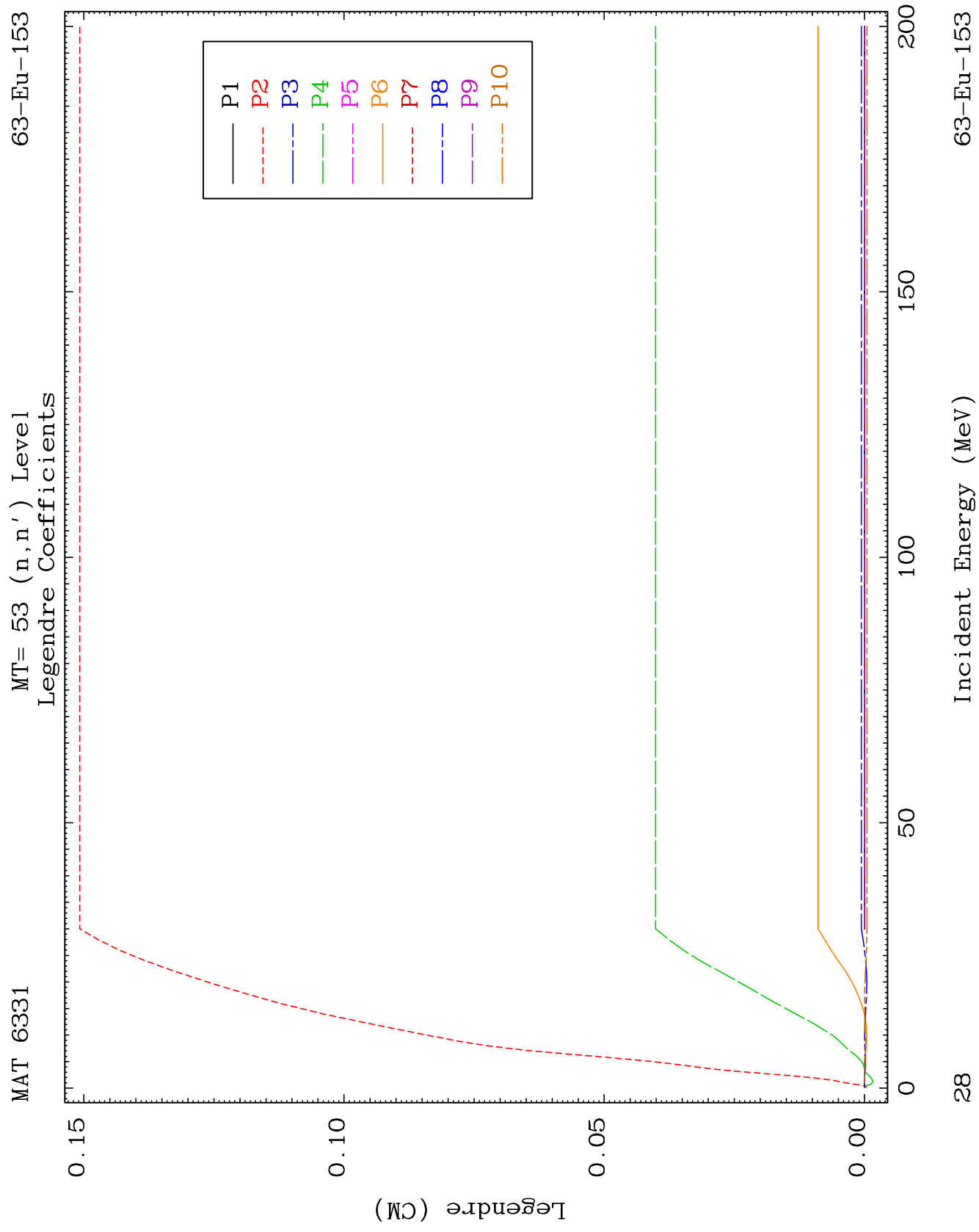


MAT 6331

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

63-Eu-153

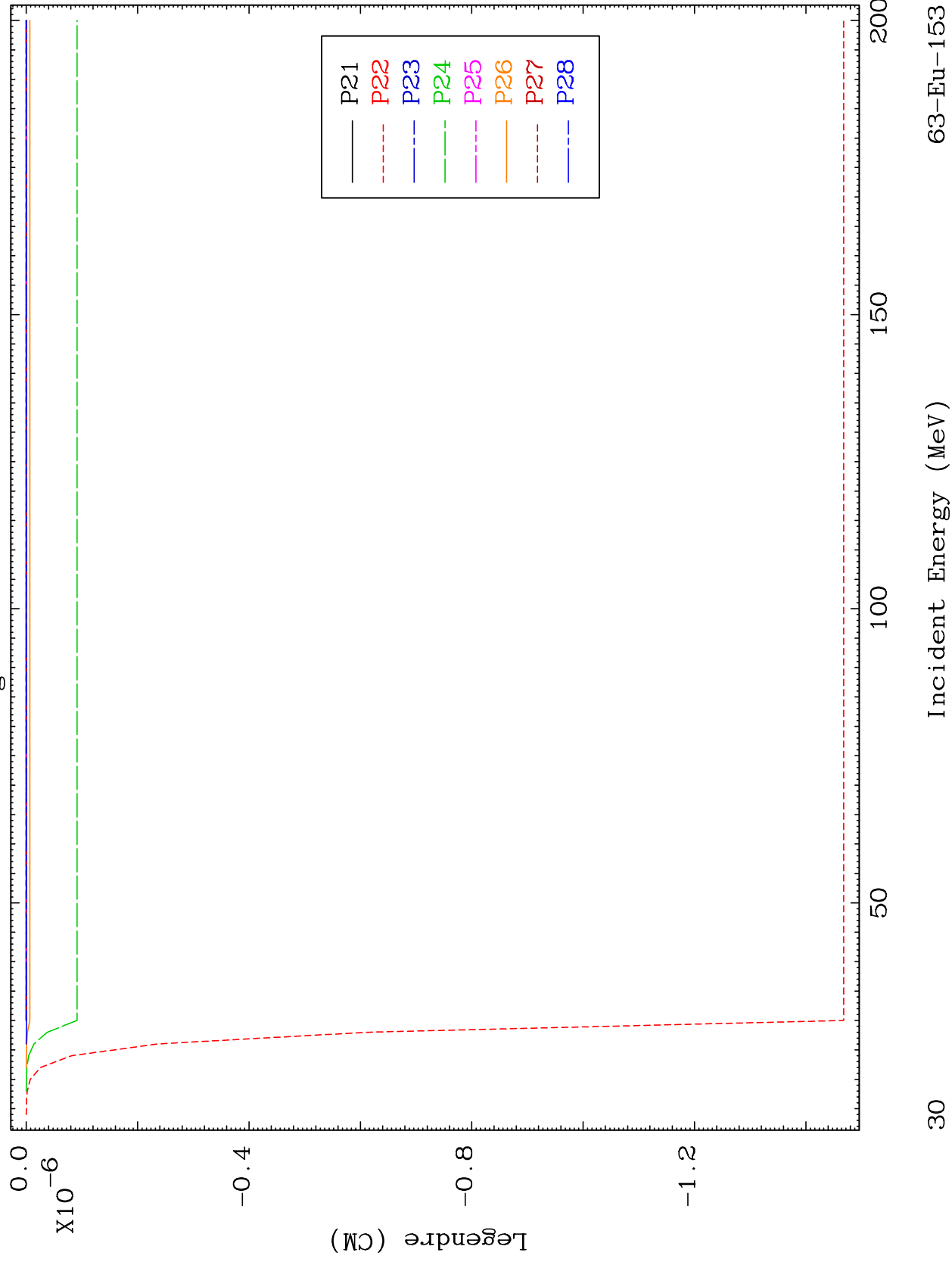


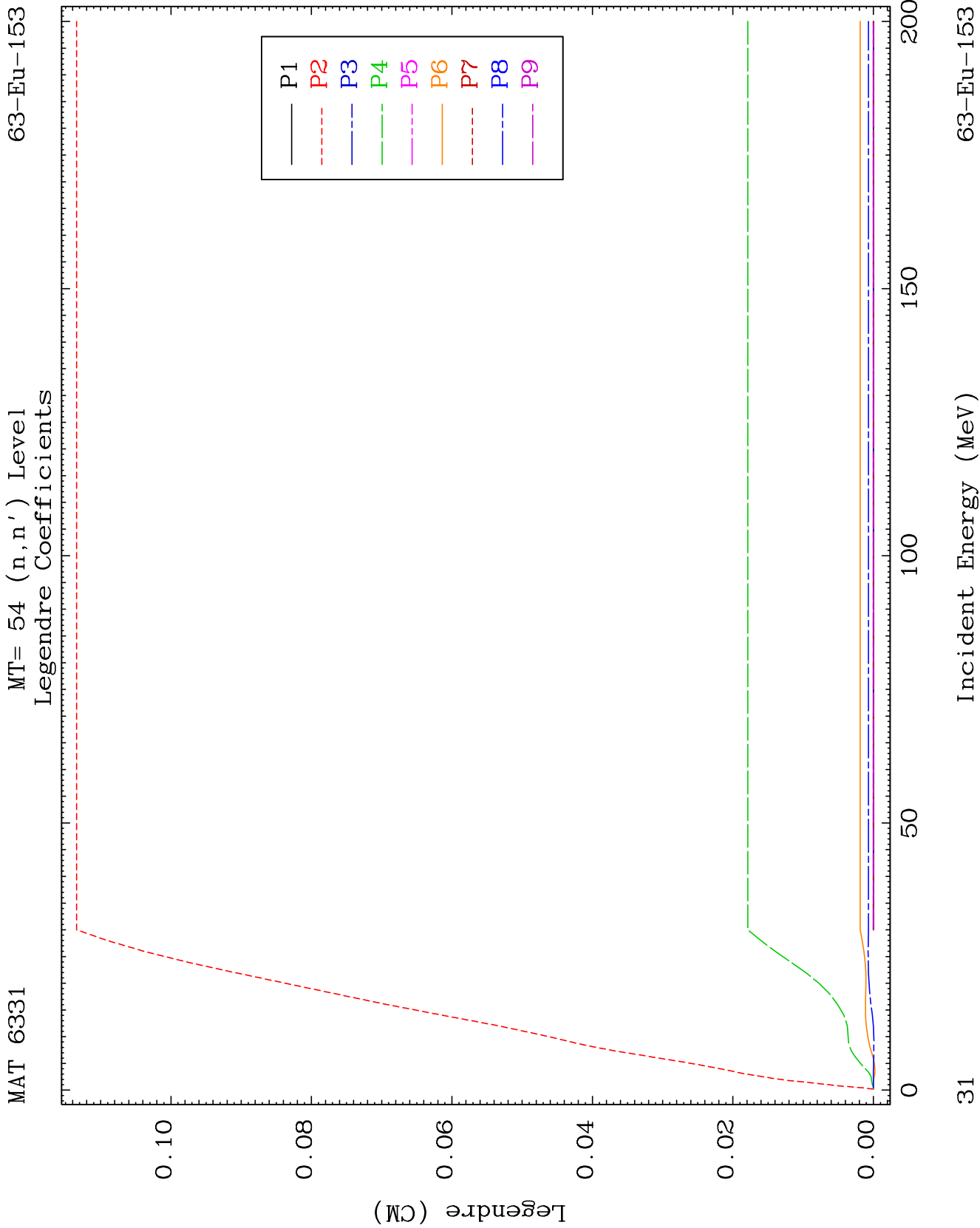


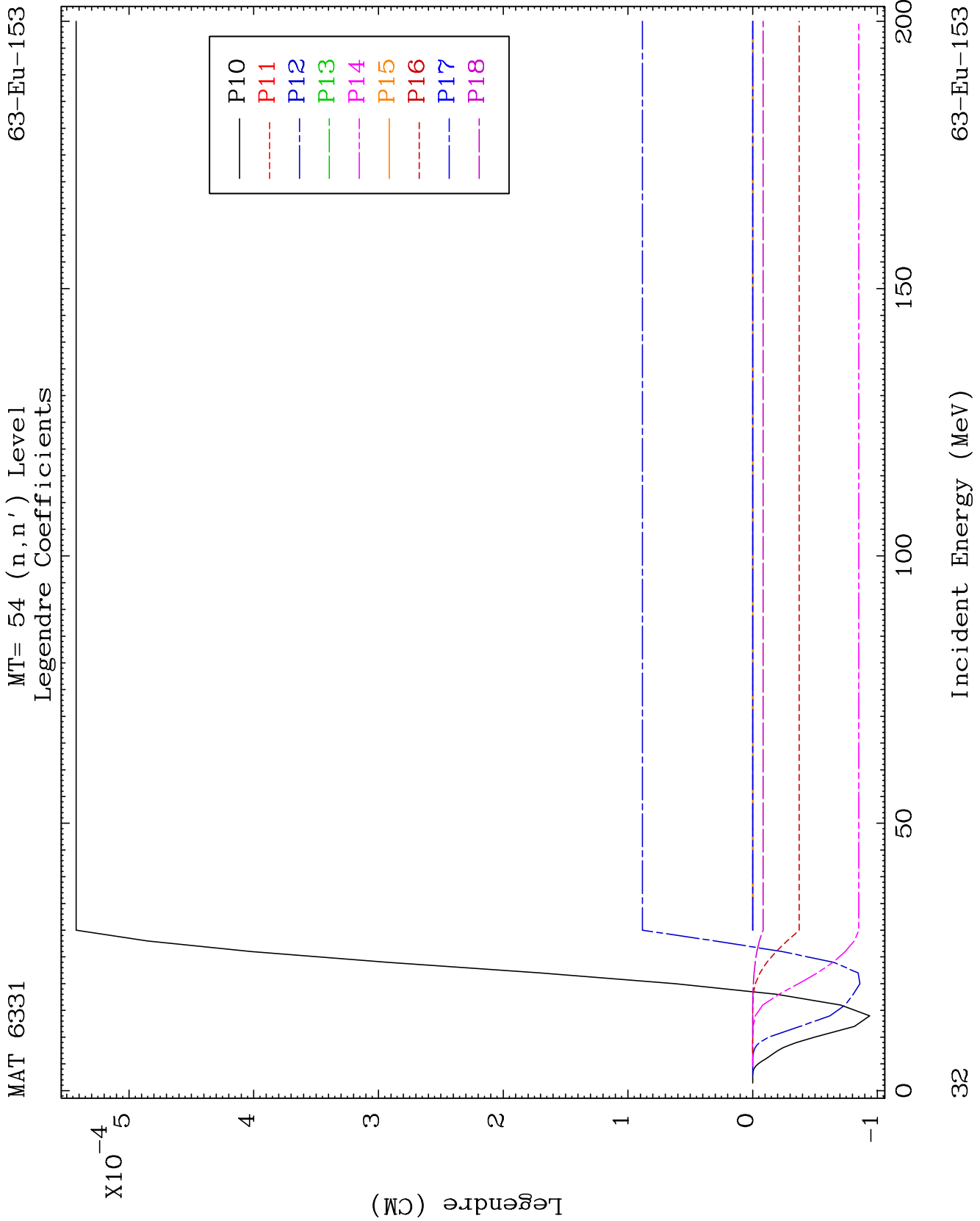
MAT 6331

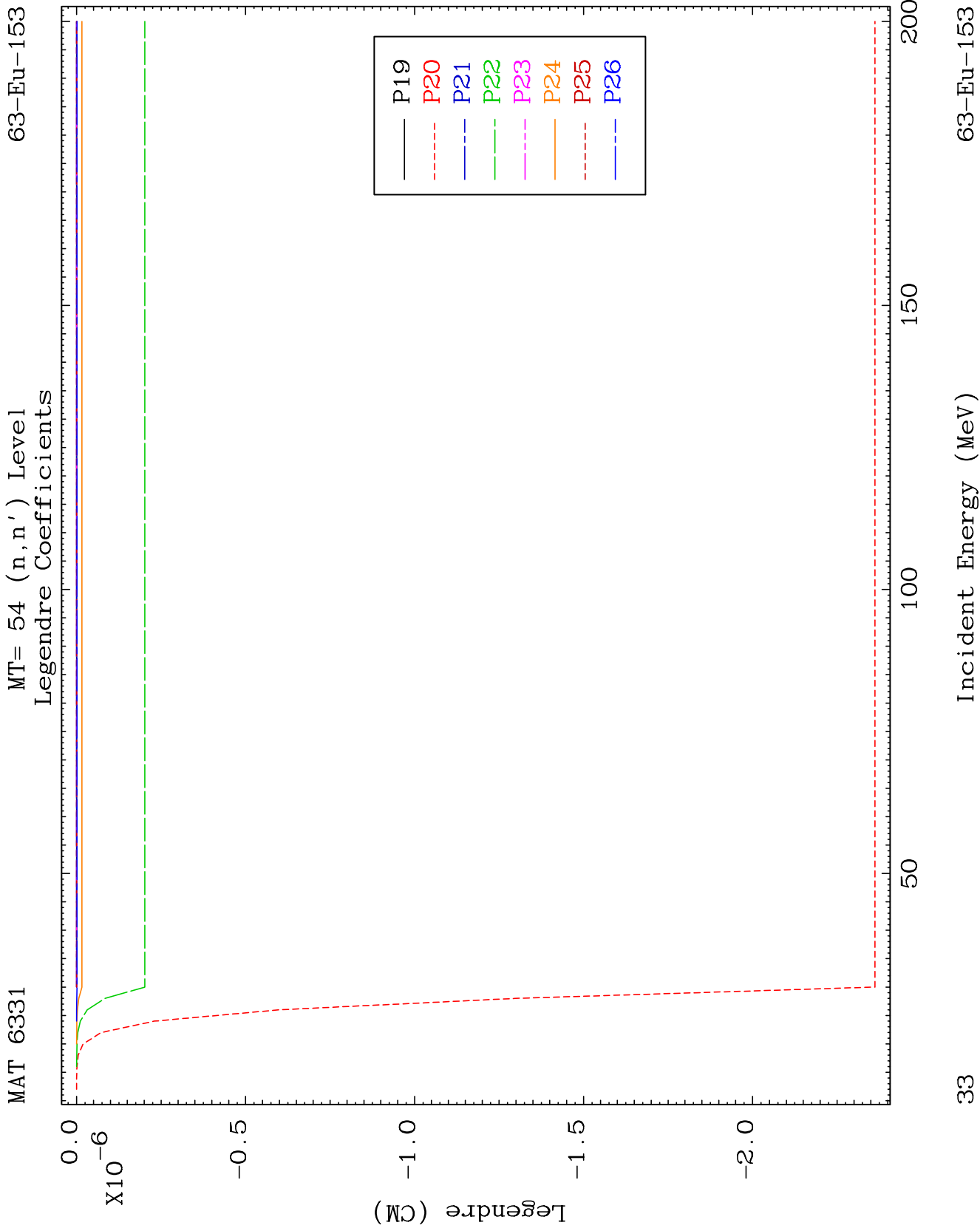
MT= 53 (n, n') Level
Legendre Coefficients

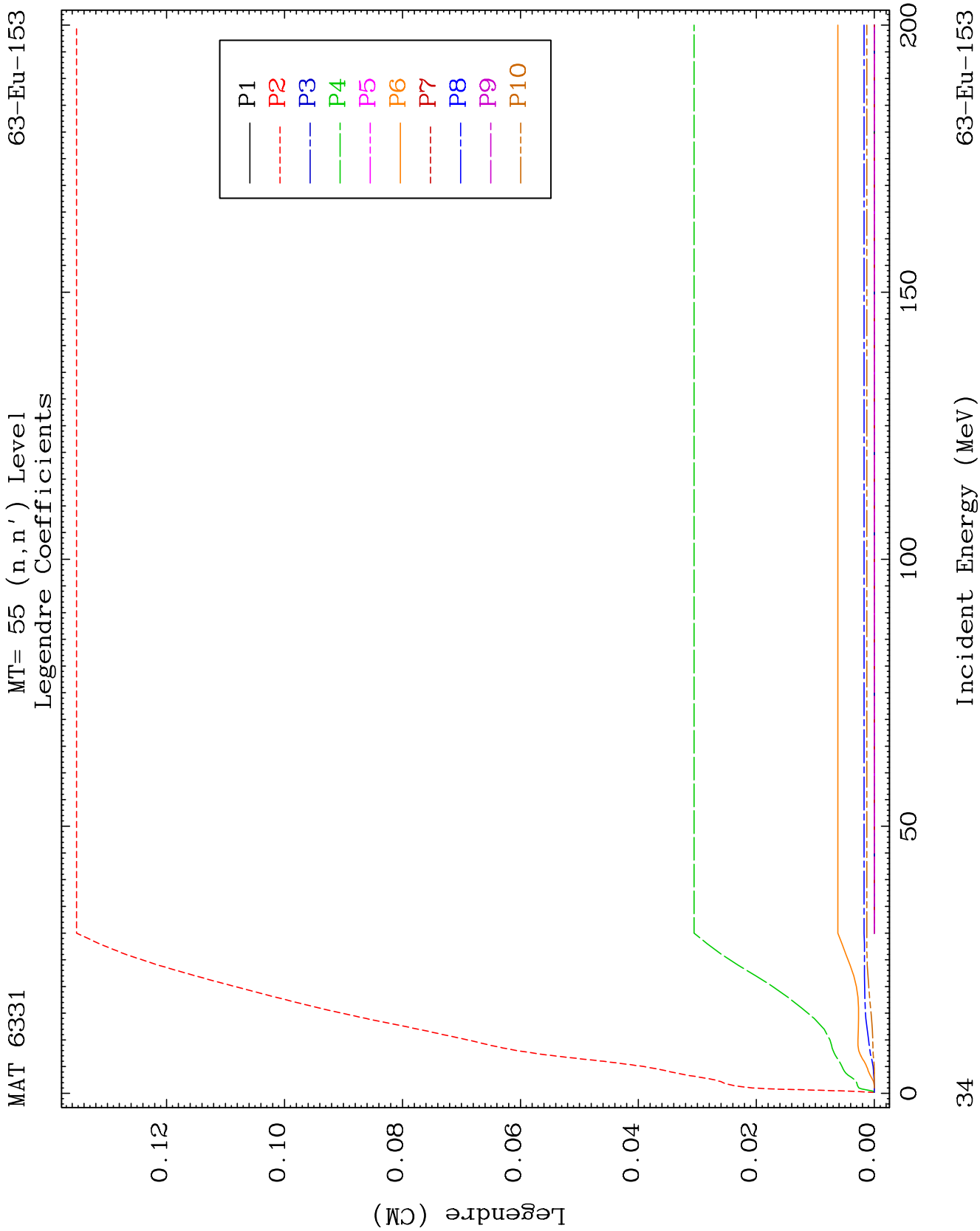
63-Eu-153

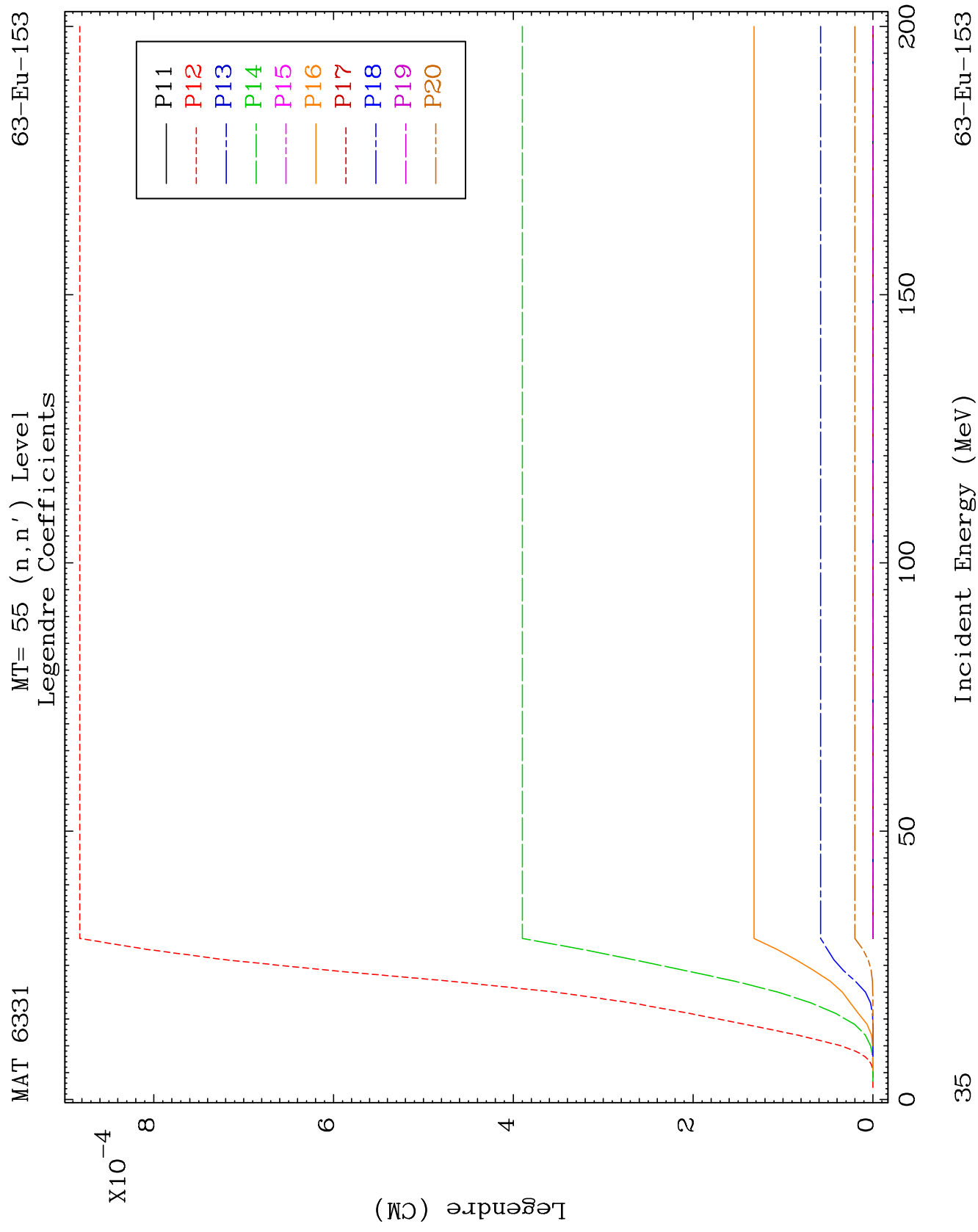


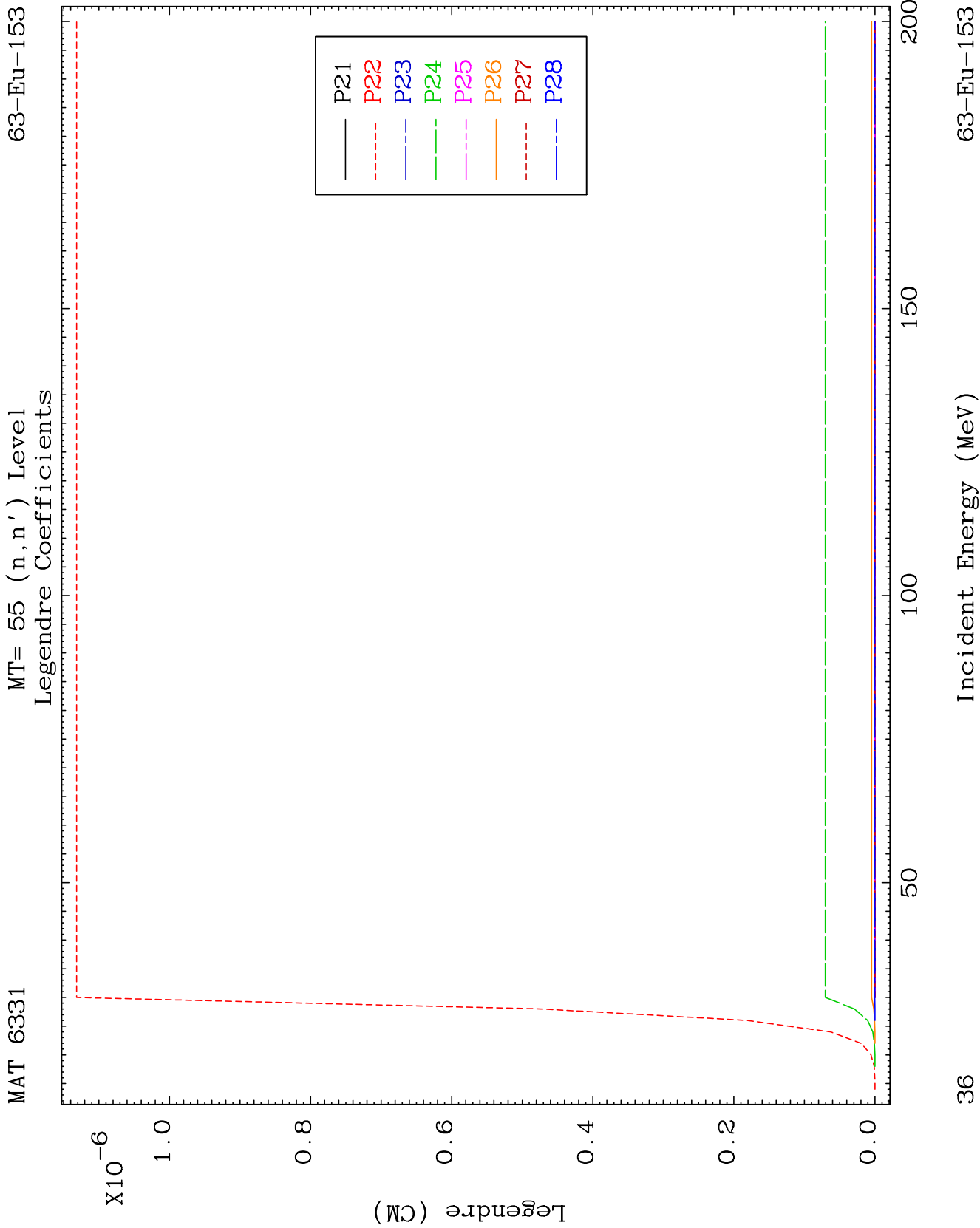


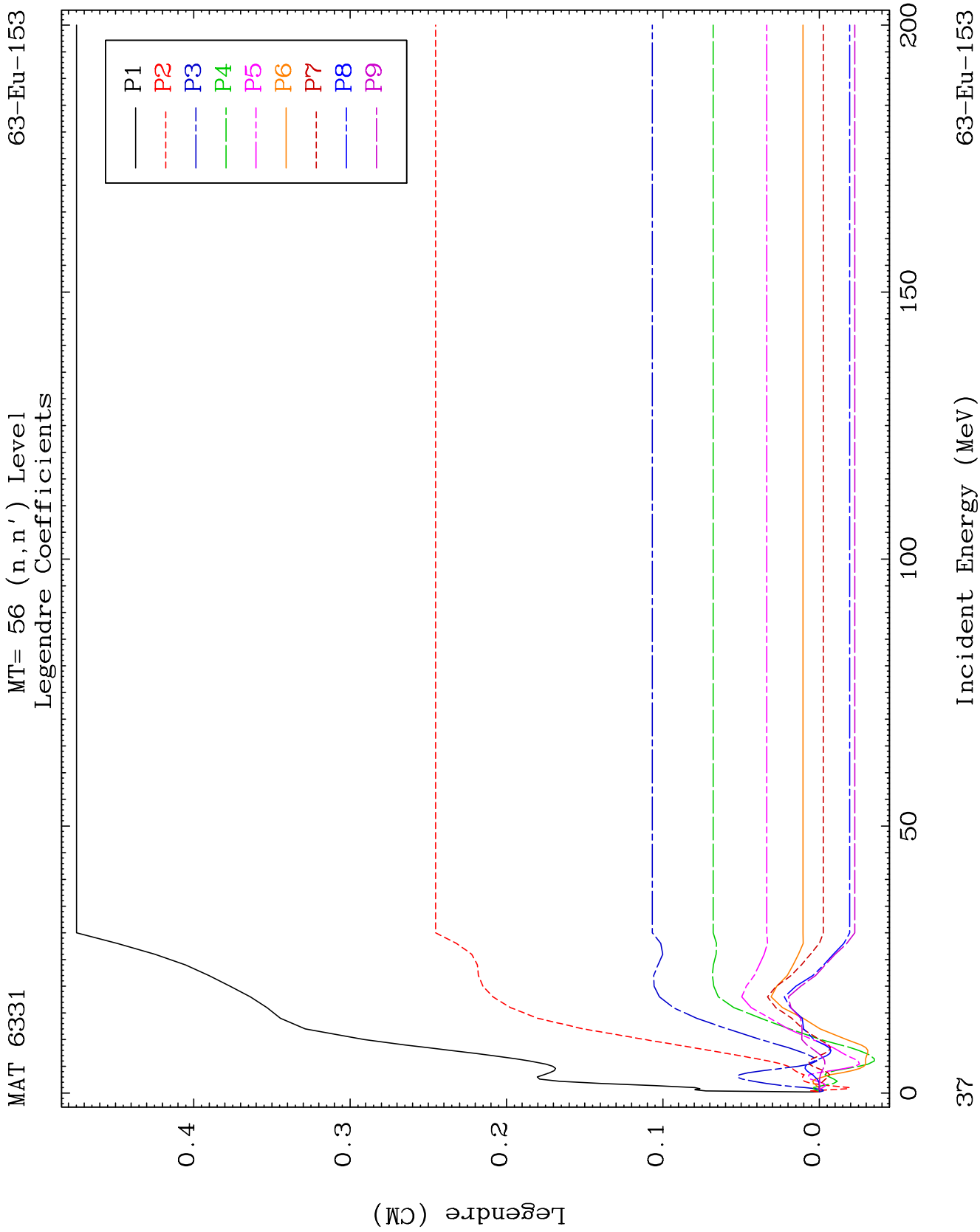


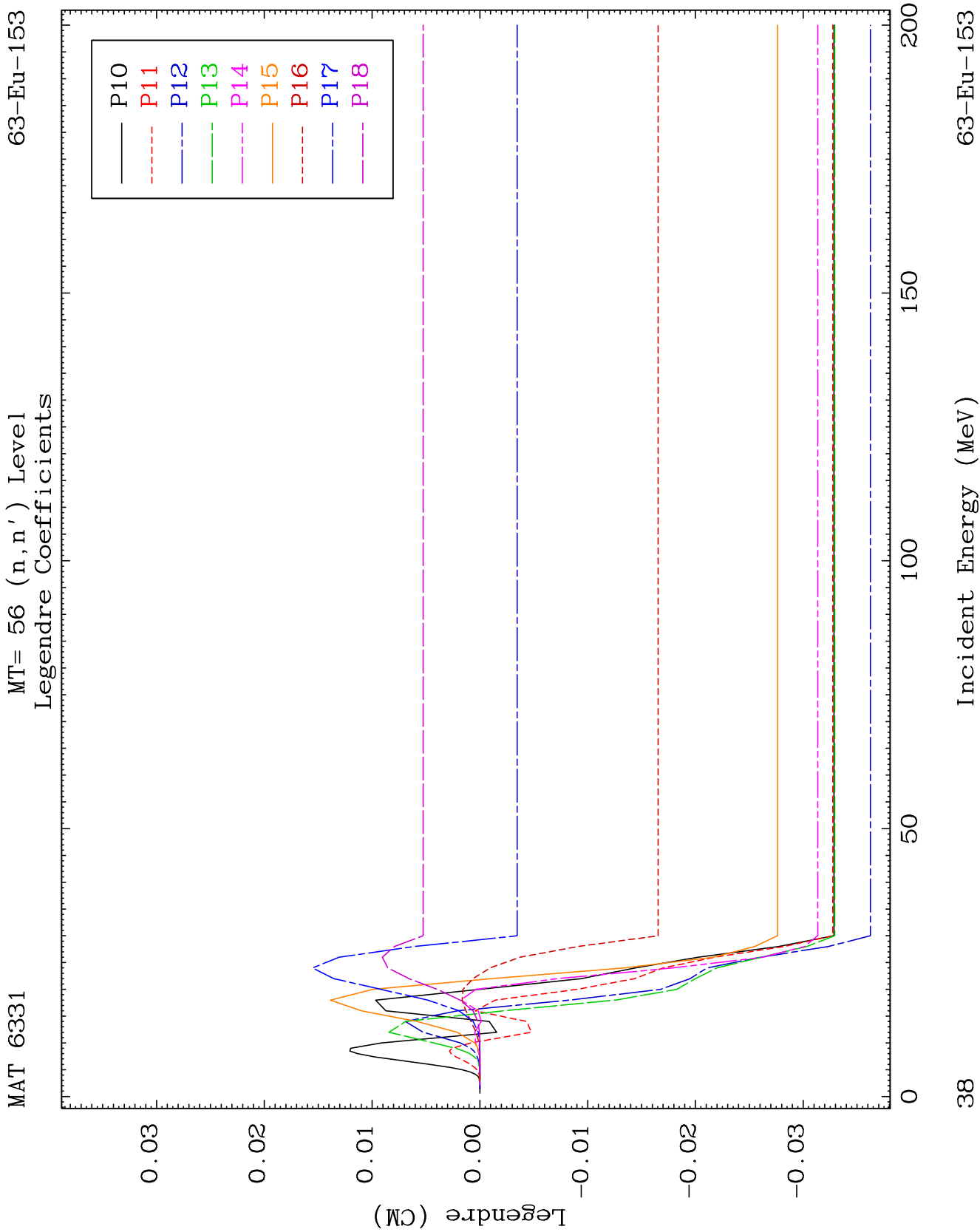


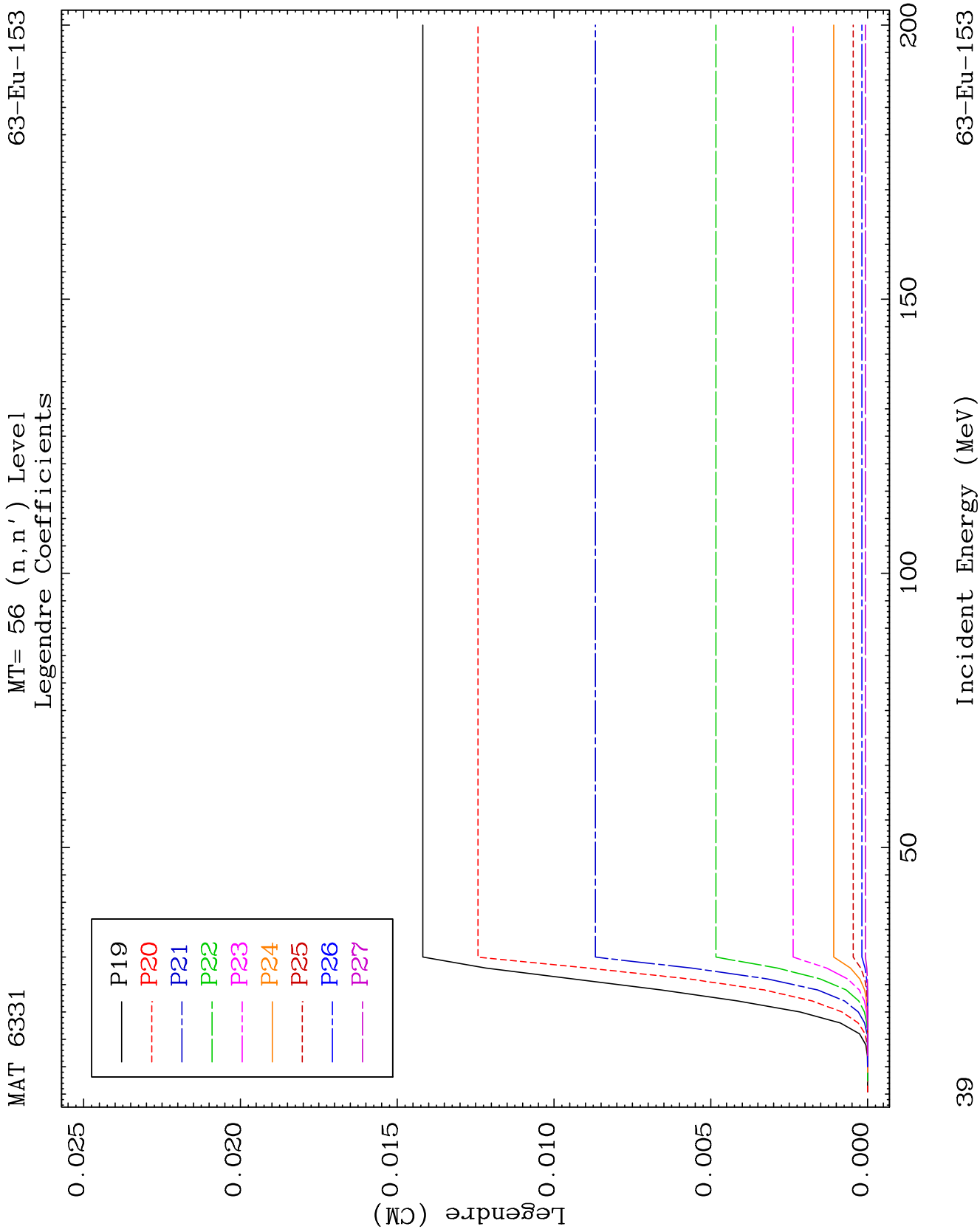


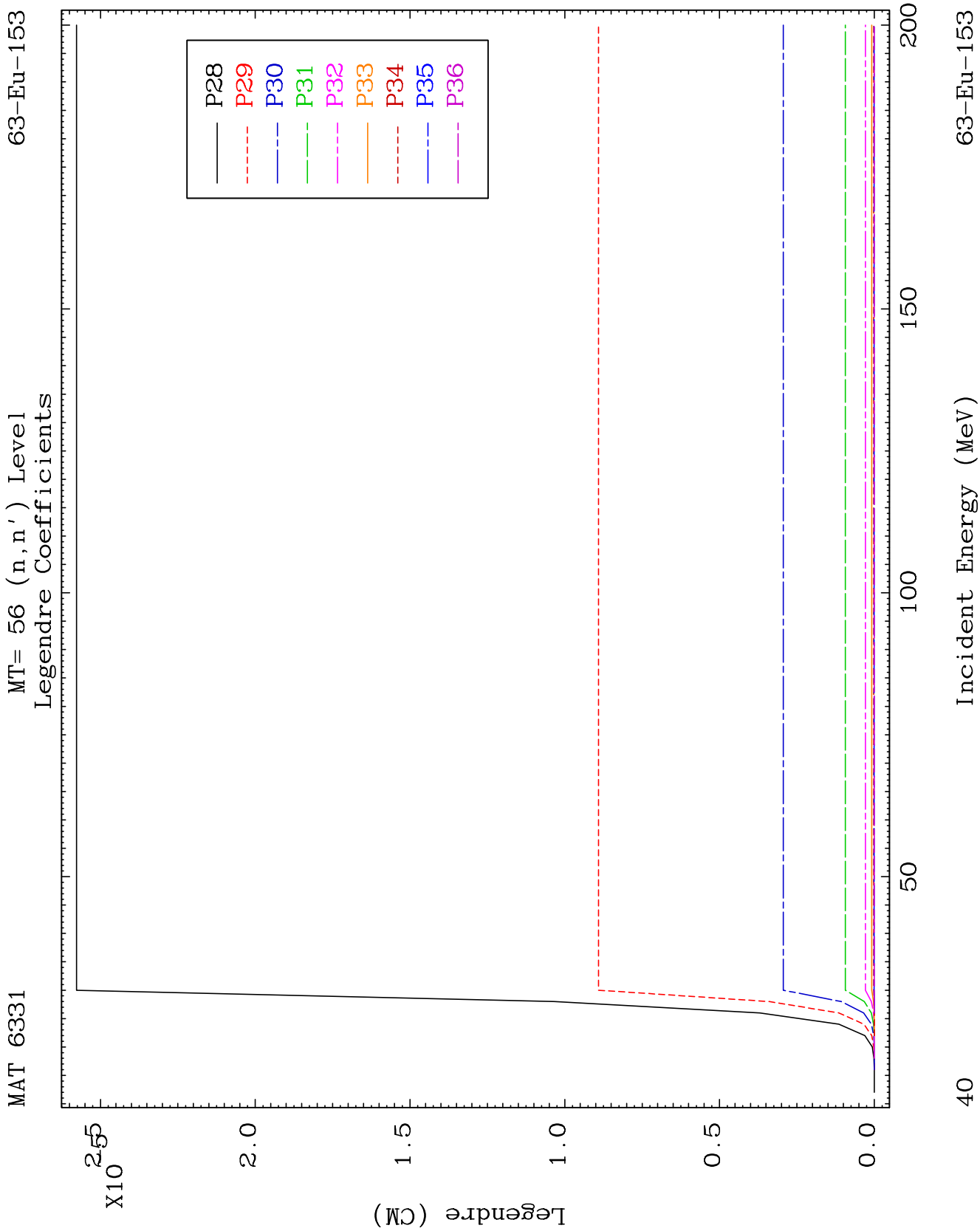


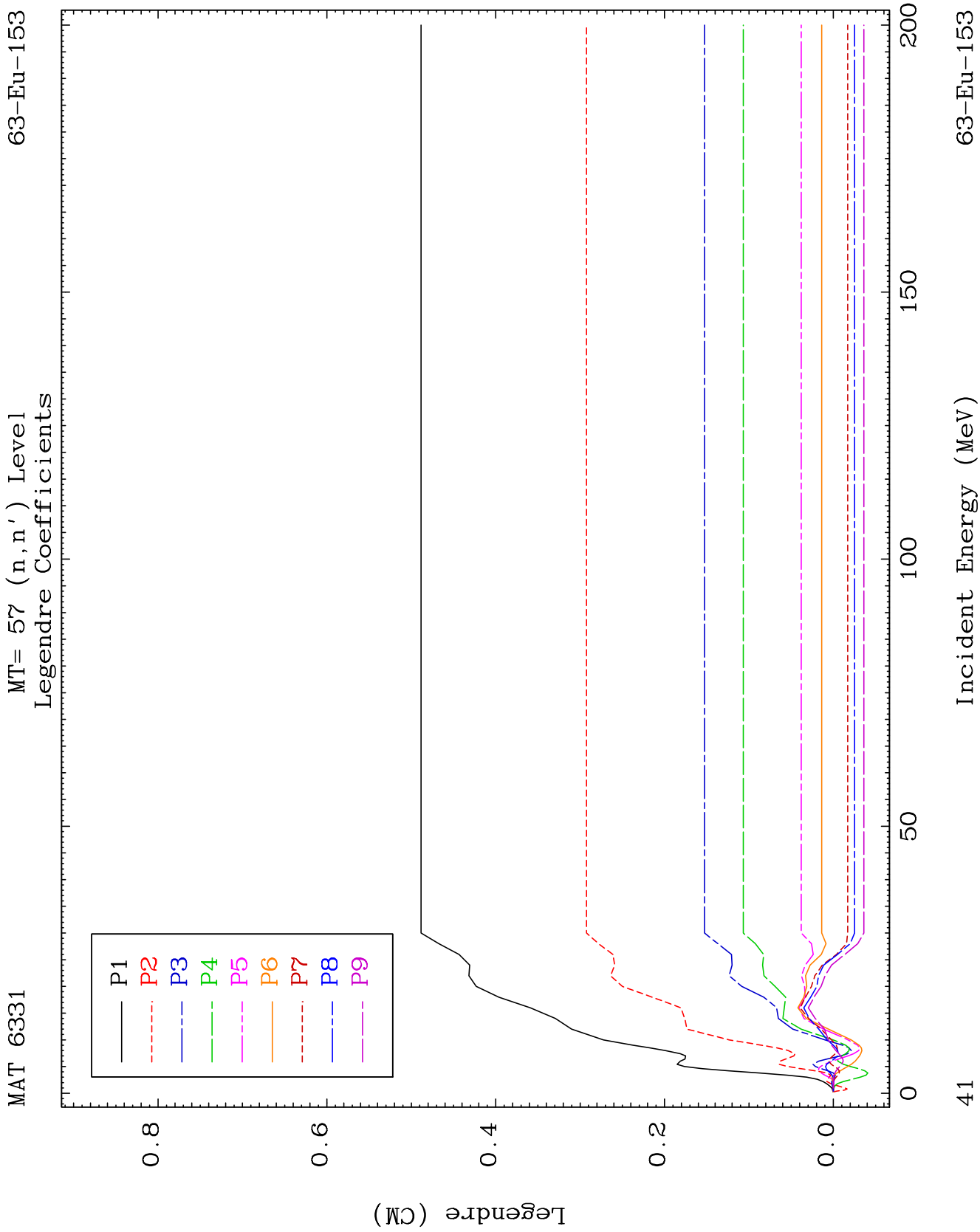








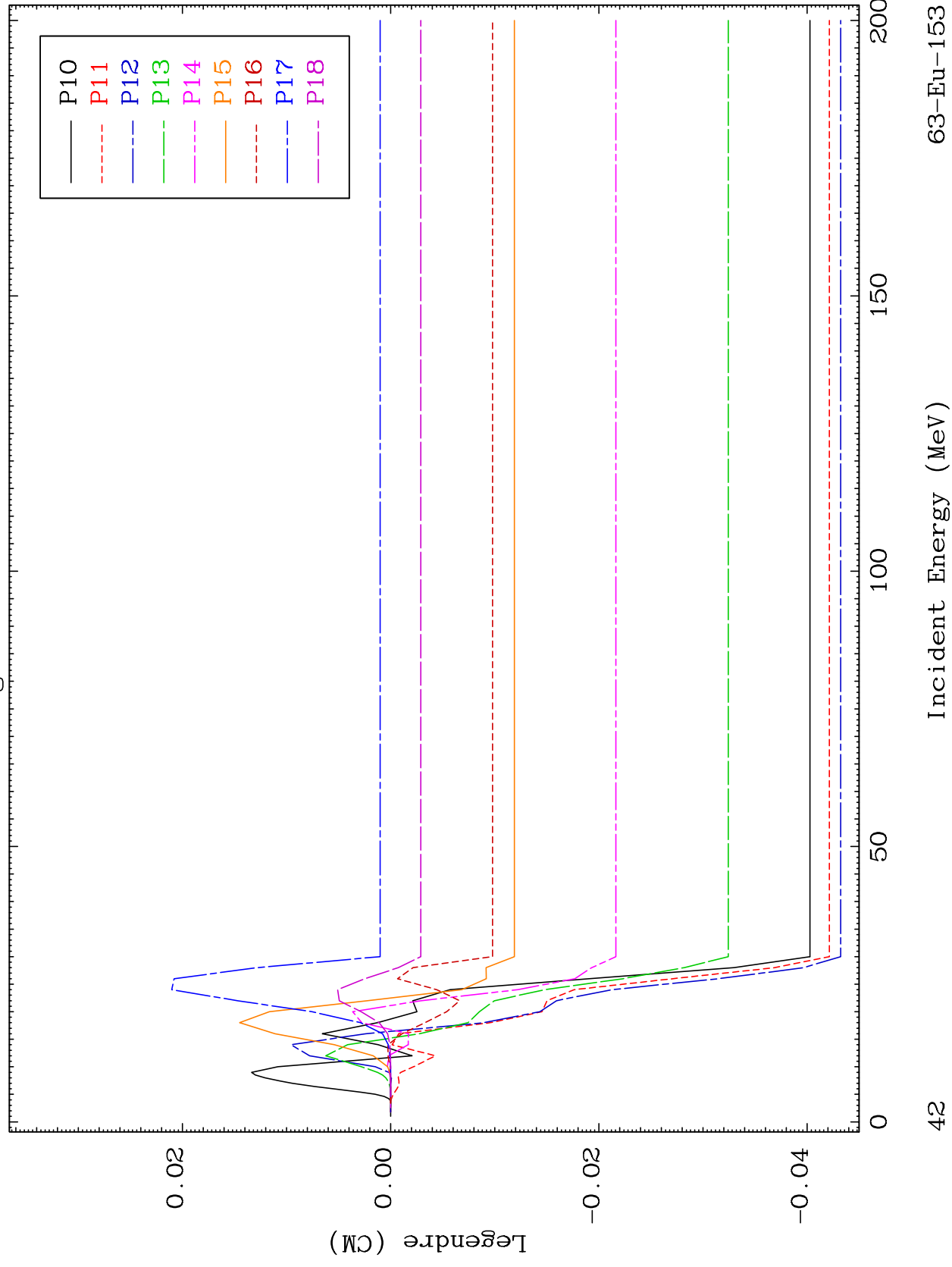


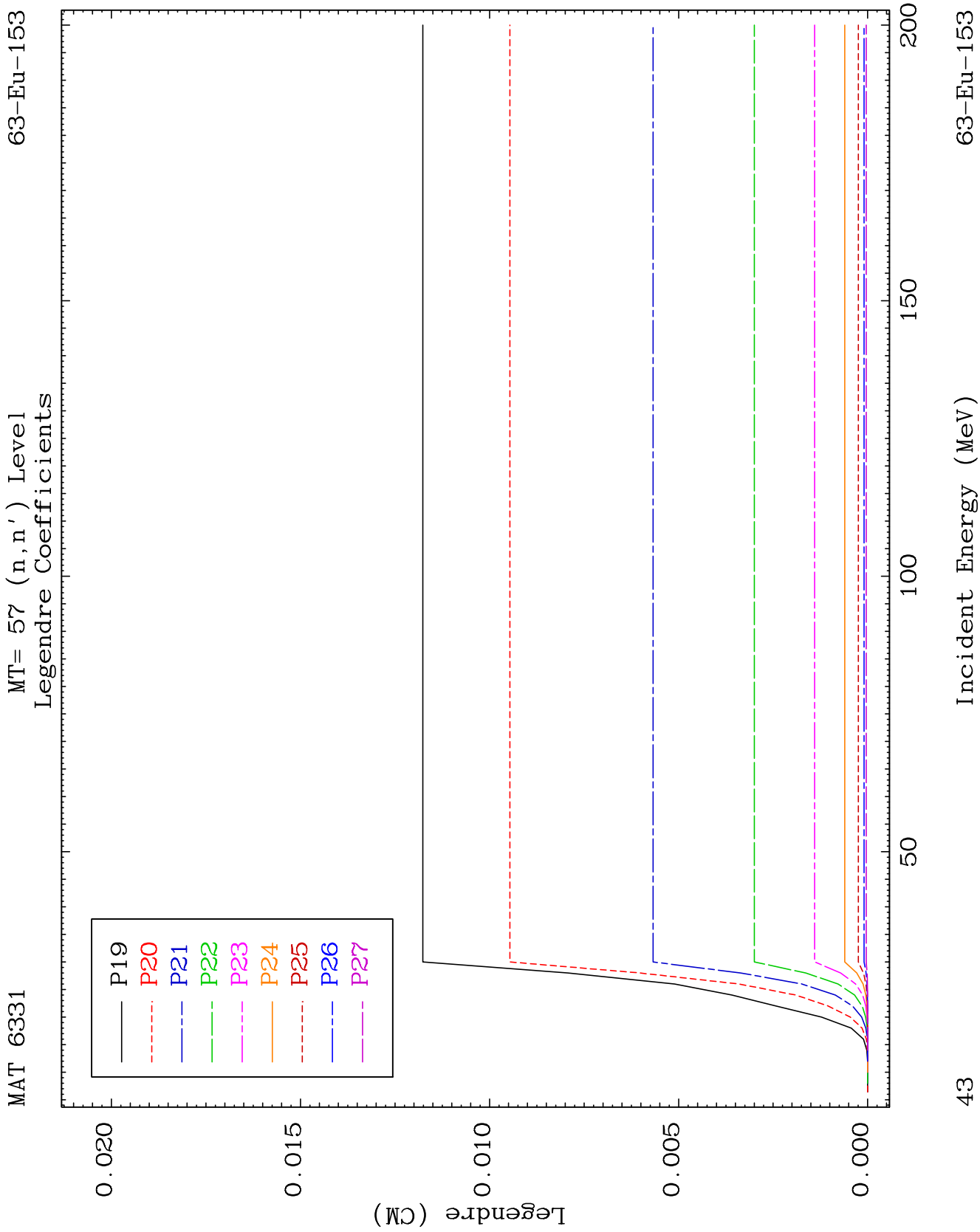


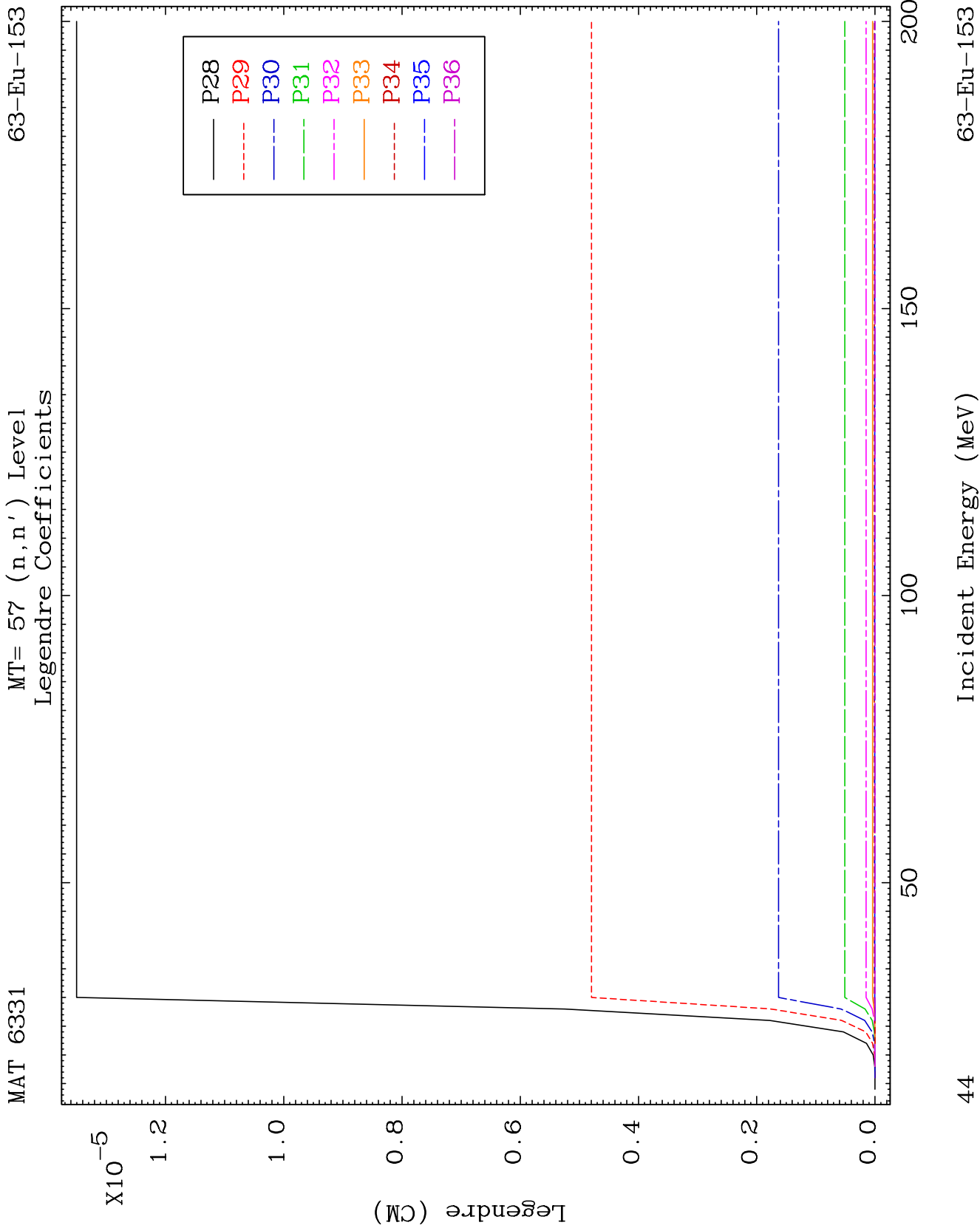
MAT 6331

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

63-Eu-153



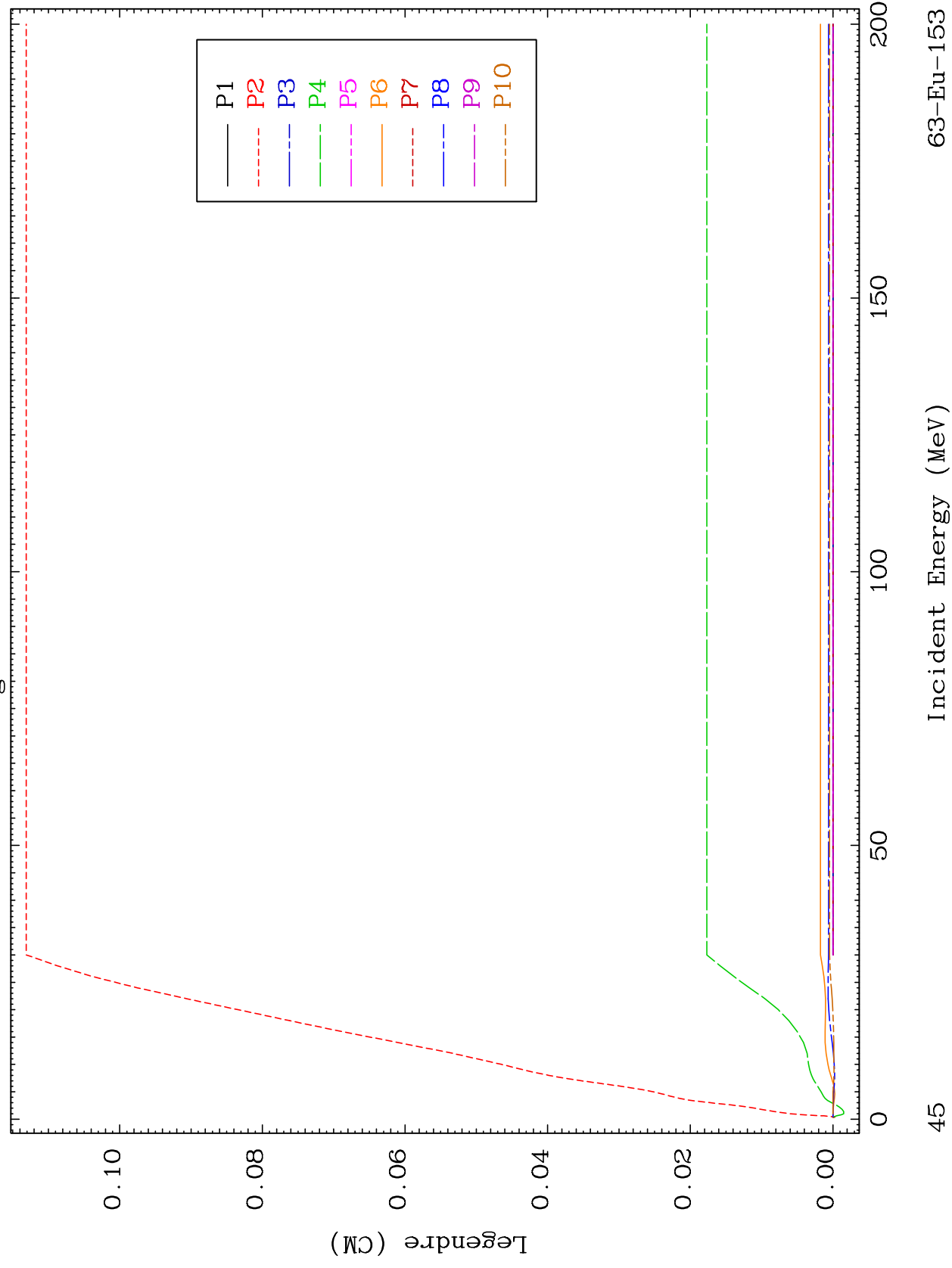


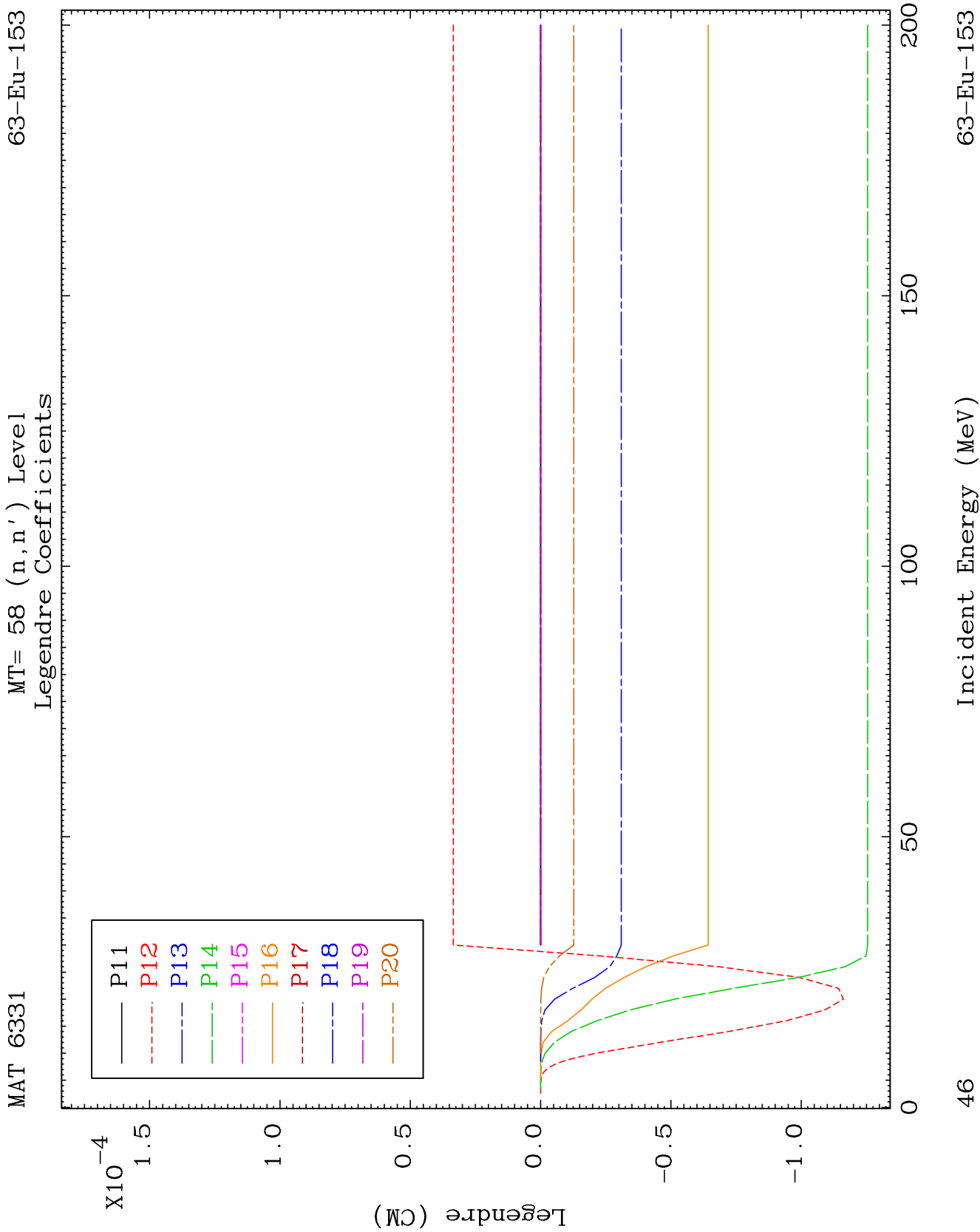


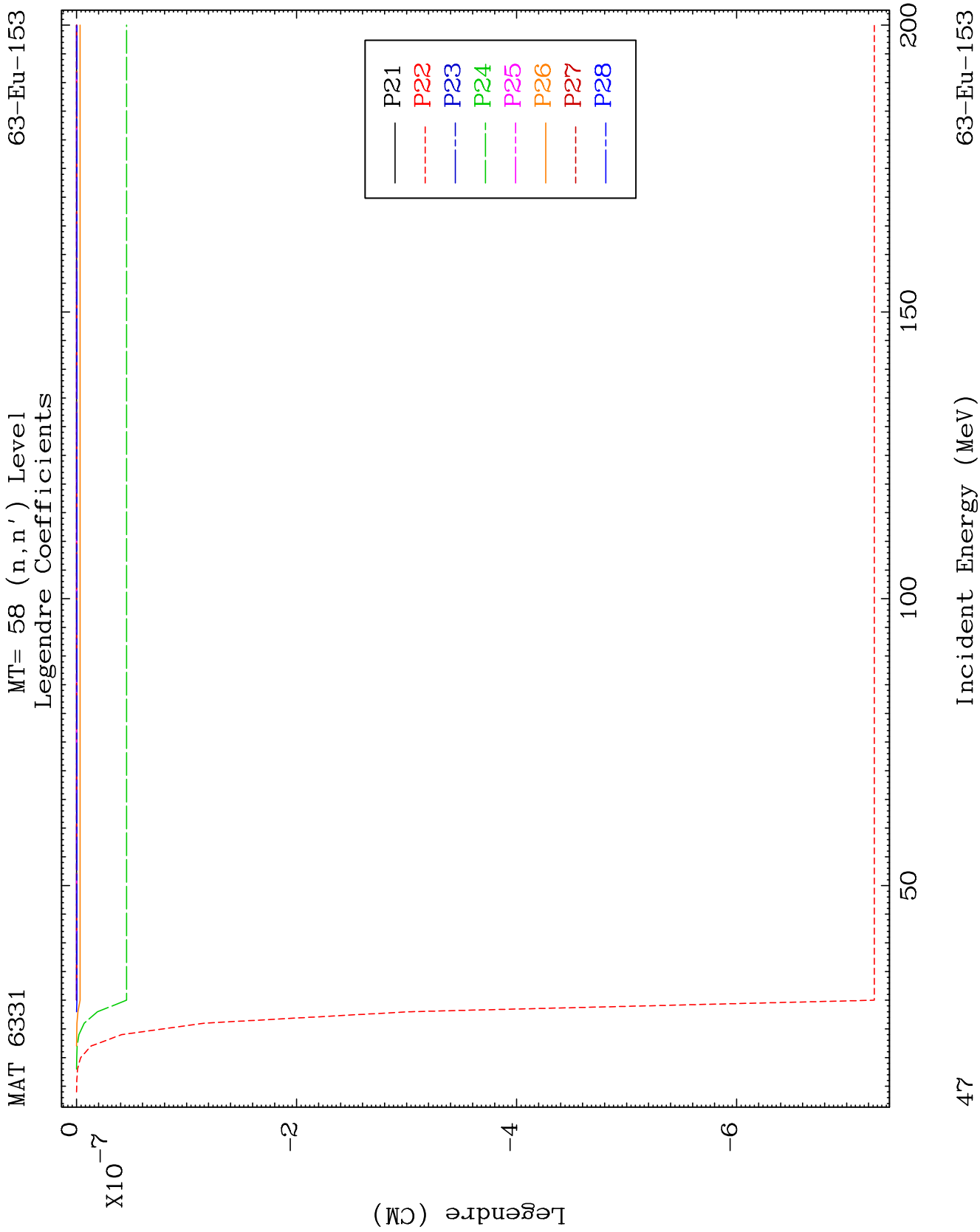
MAT 6331

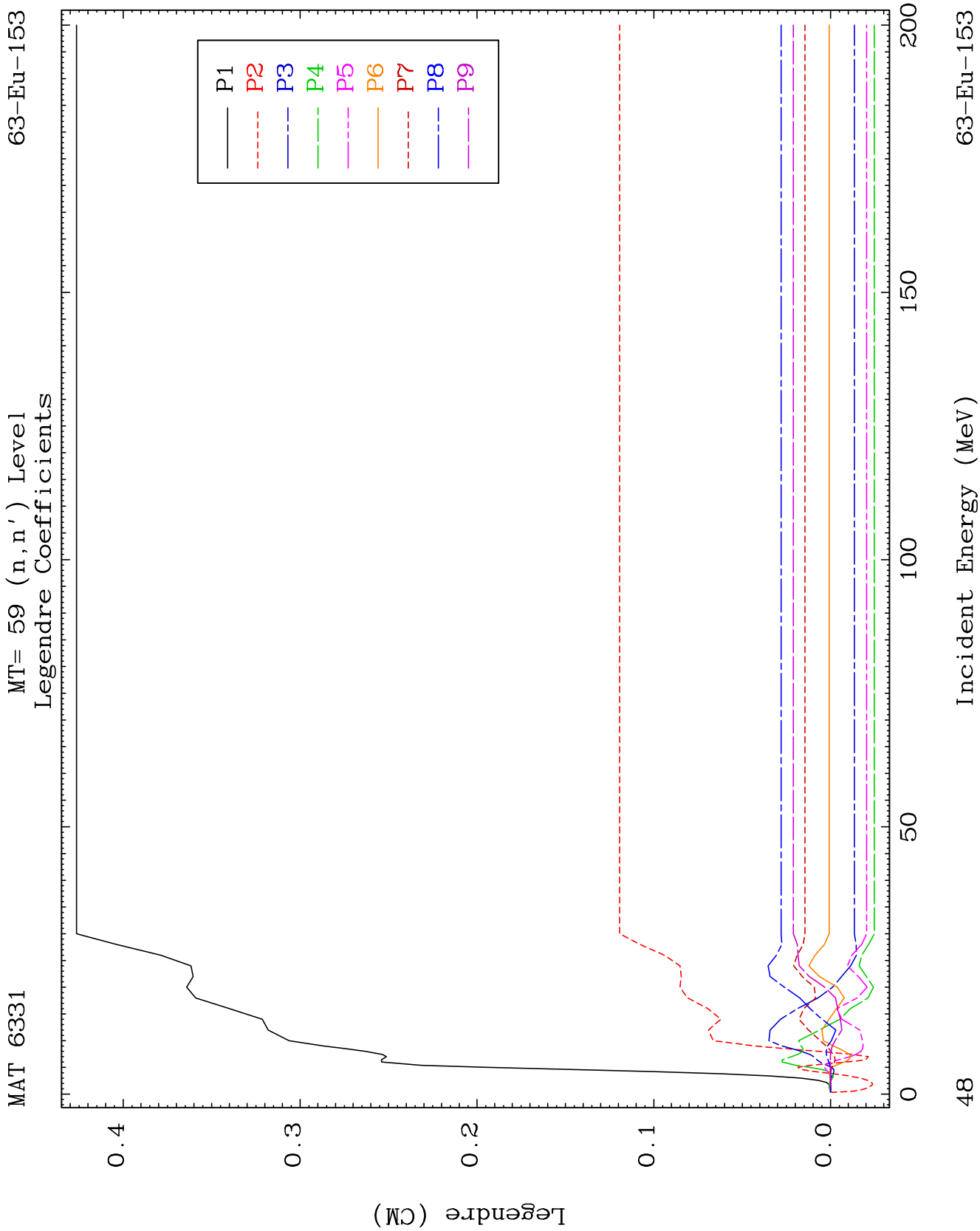
MT= 58 (n, n') Level
Legendre Coefficients

63-Eu-153





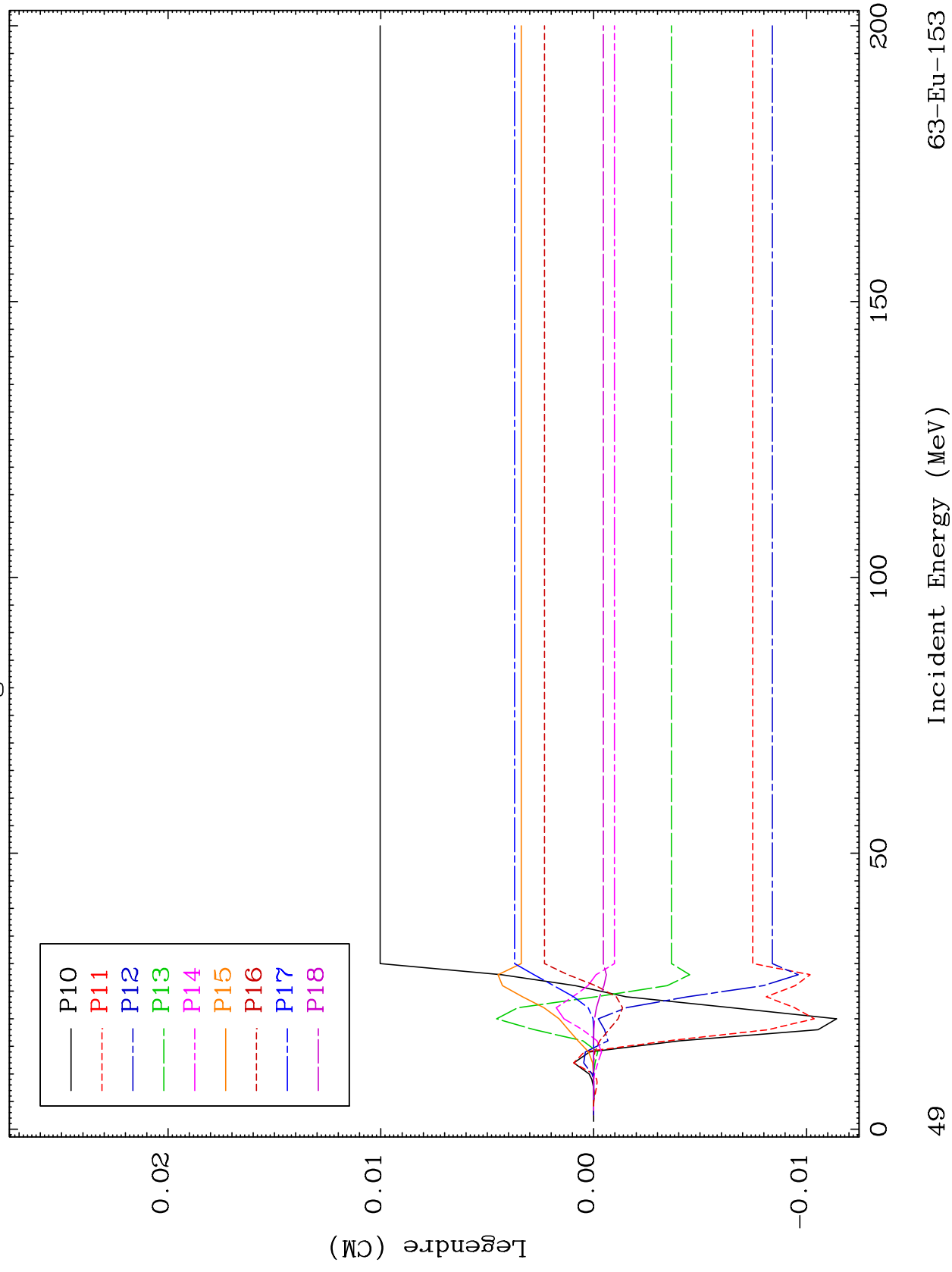


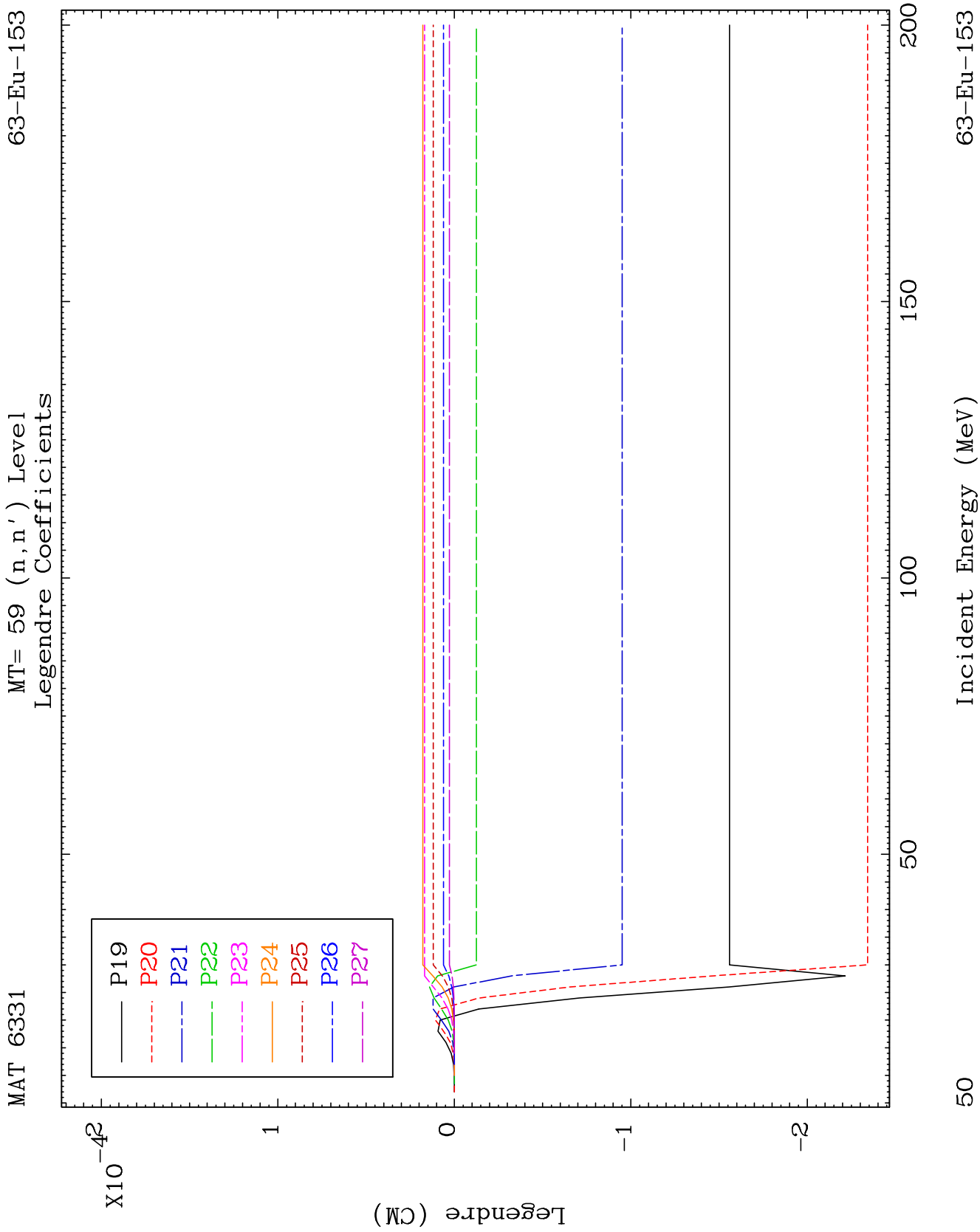


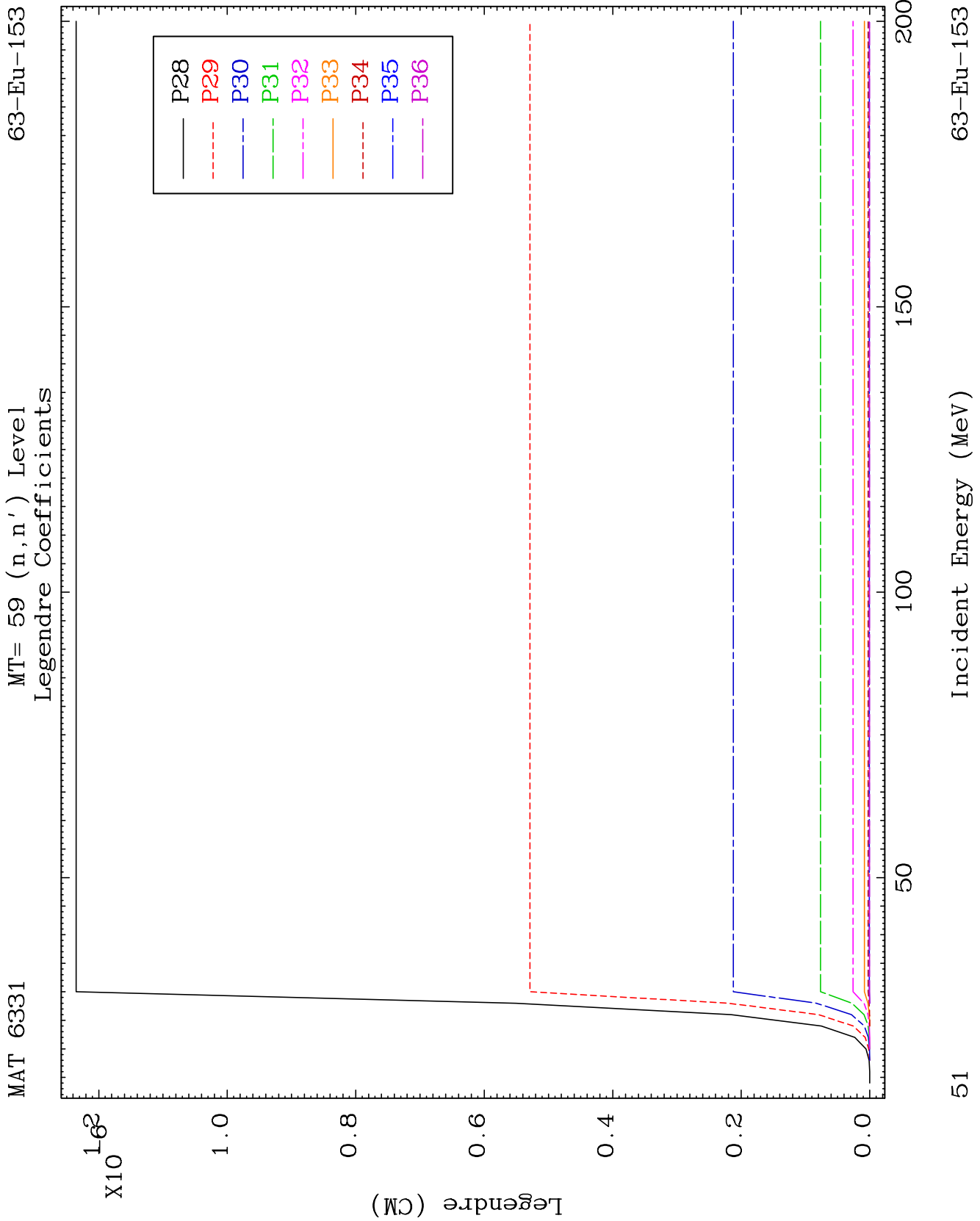
MAT 6331

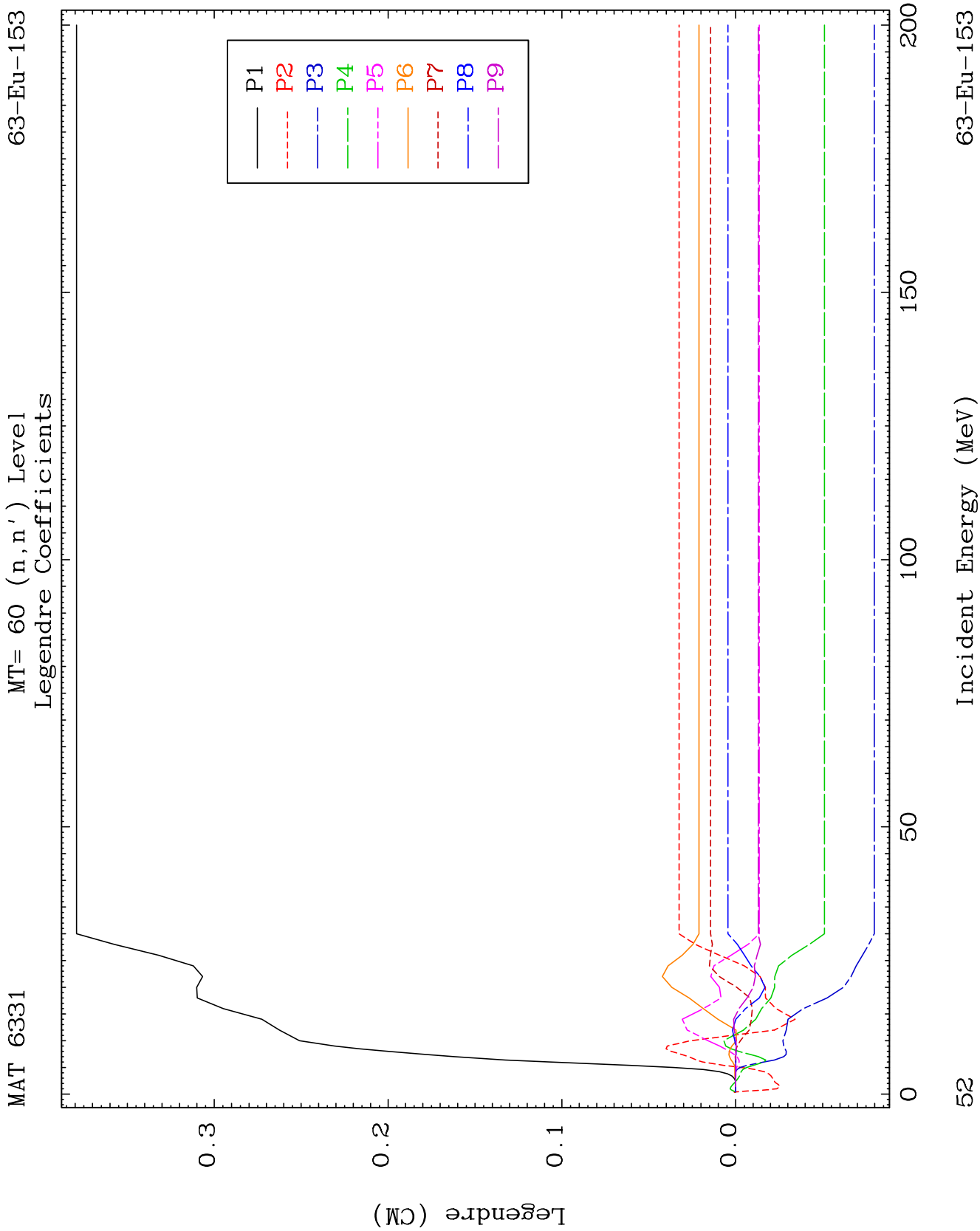
MT= 59 (n, n') Level
Legendre Coefficients

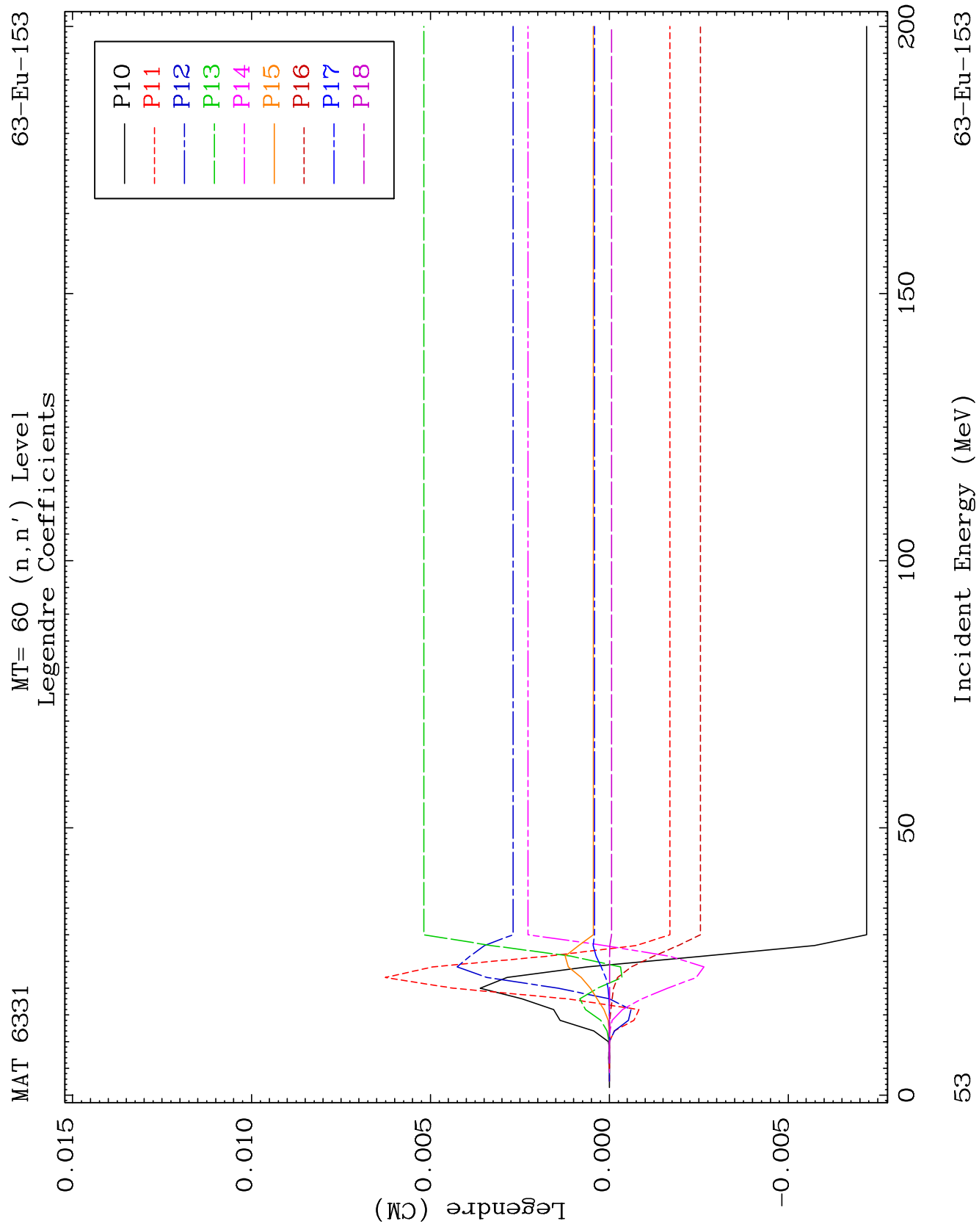
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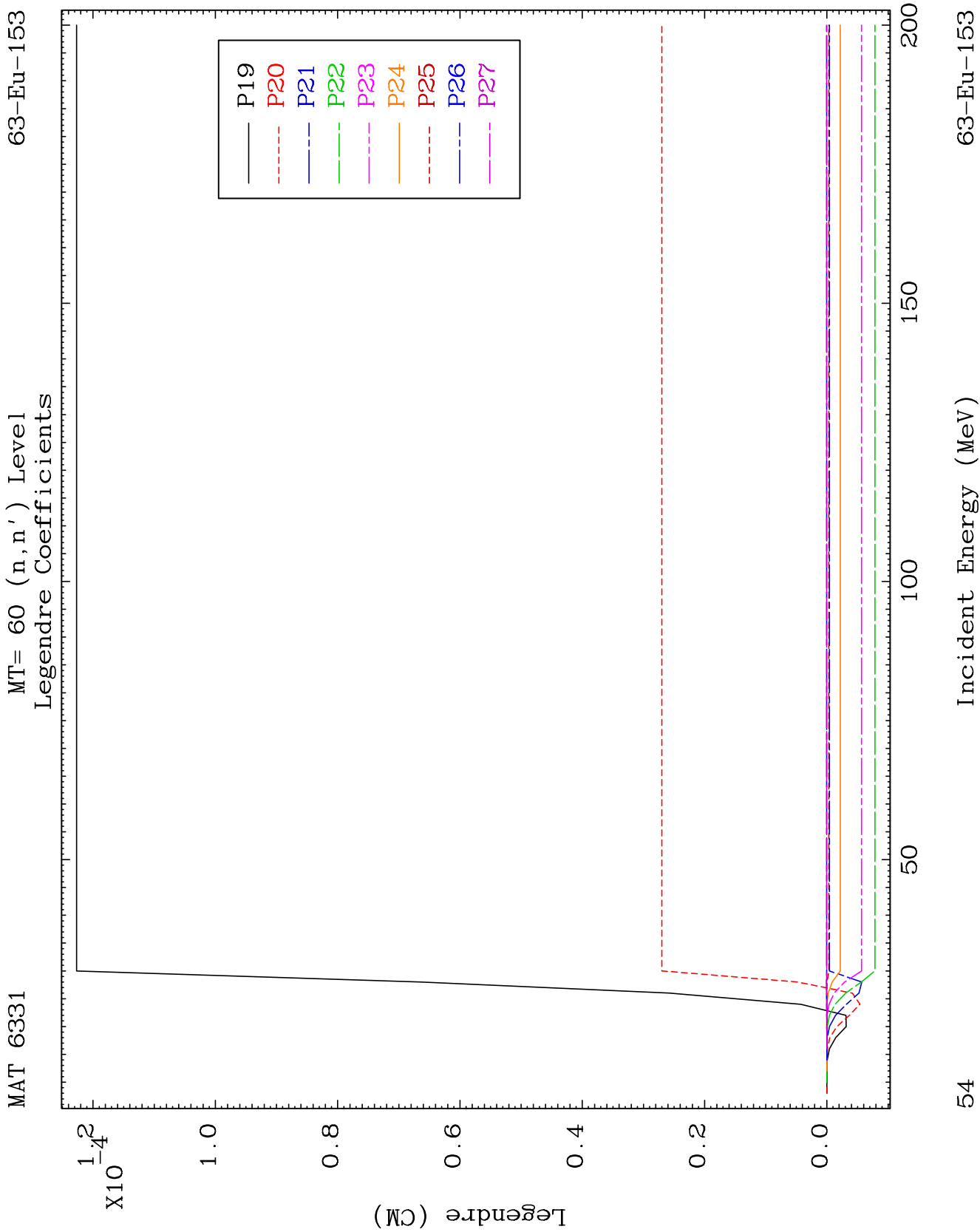


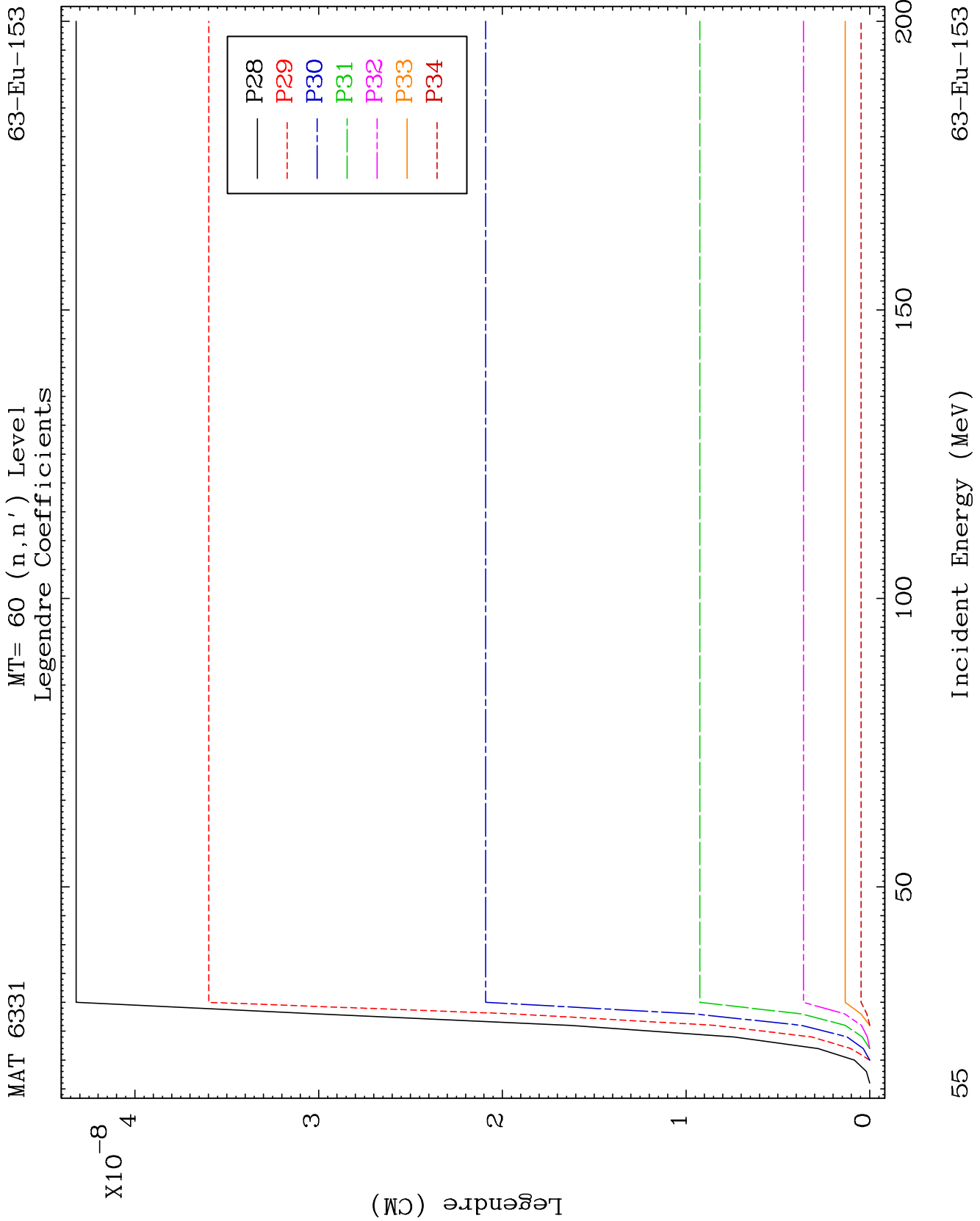








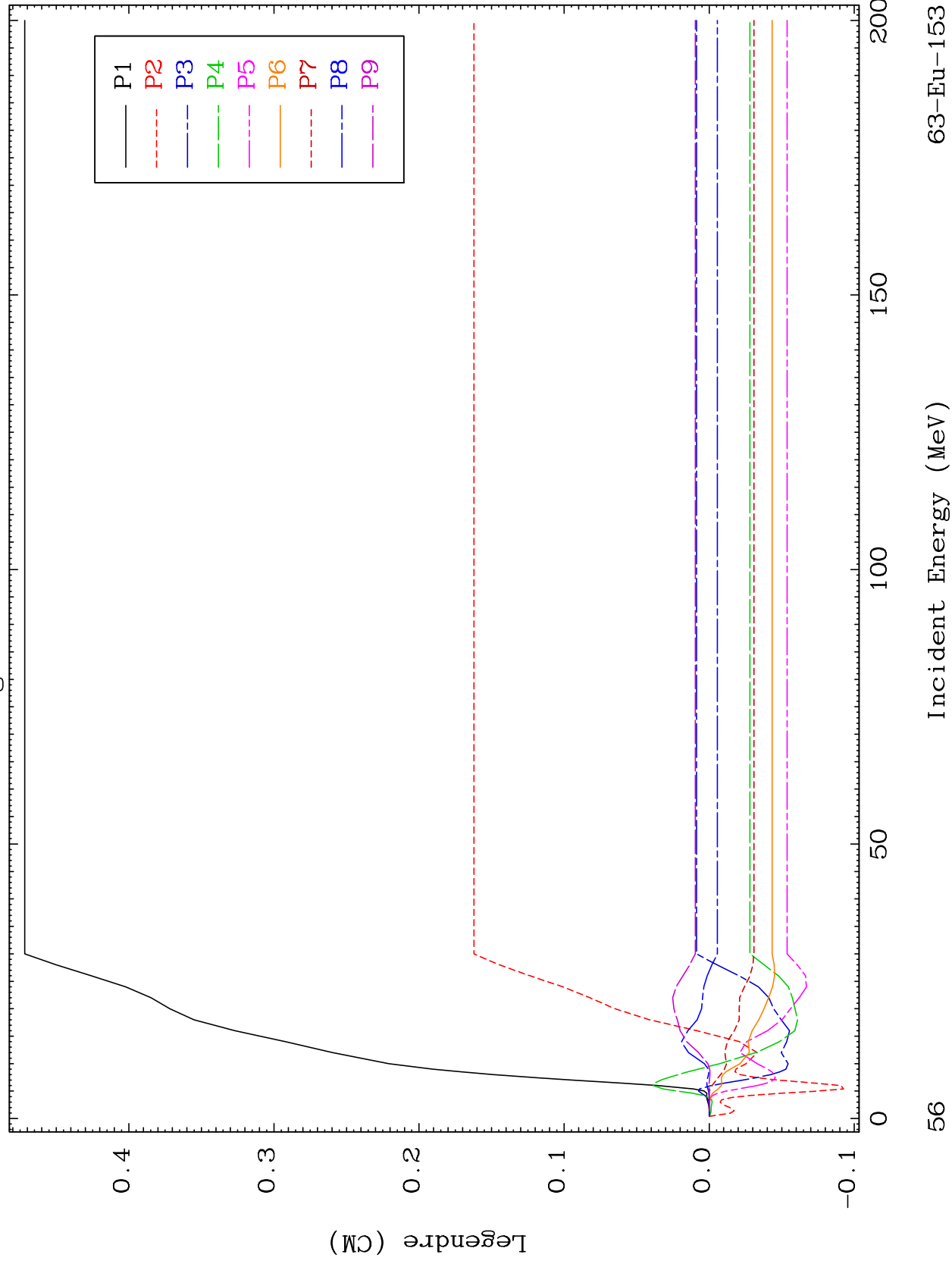




MAT 6331

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

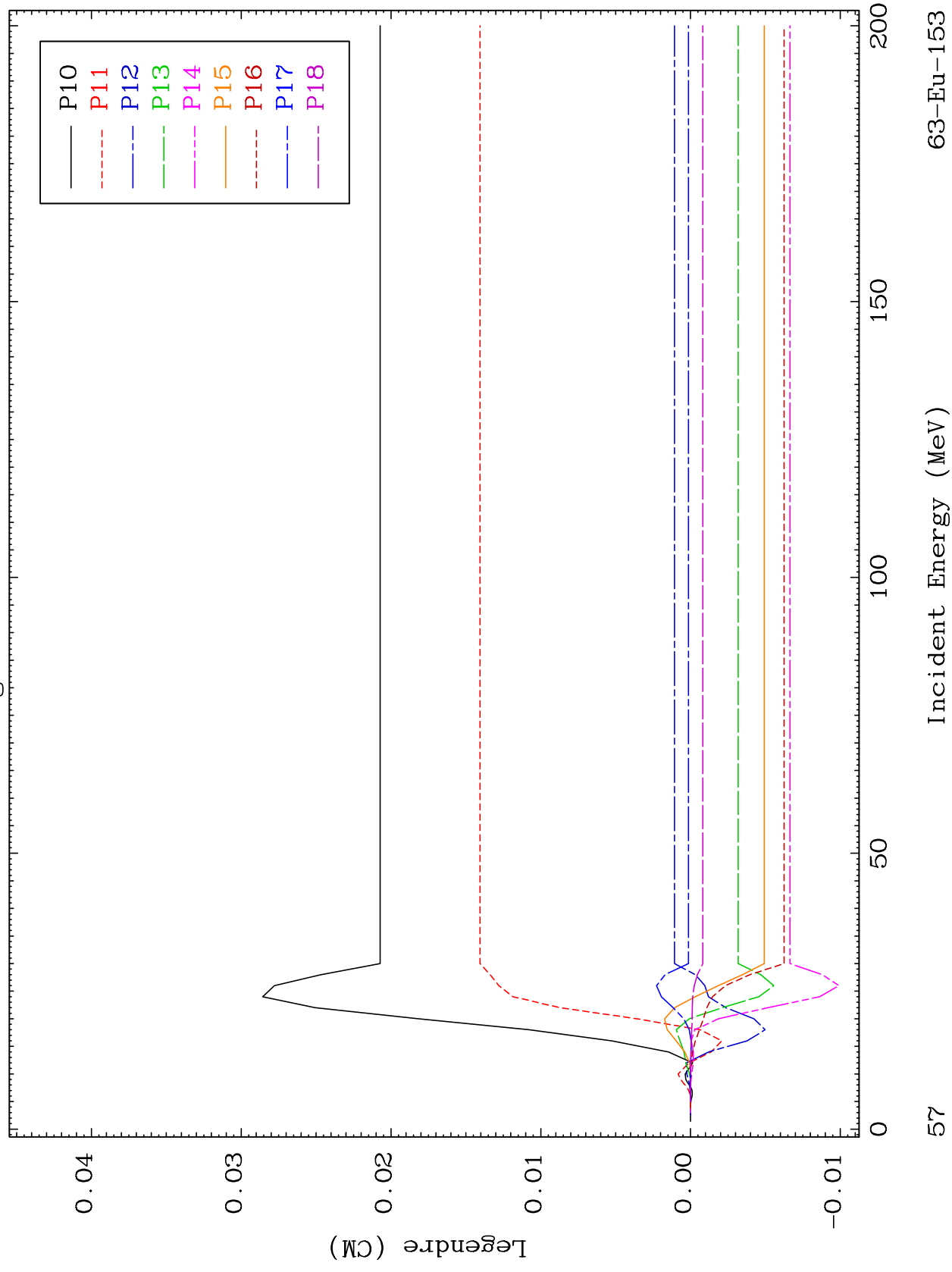
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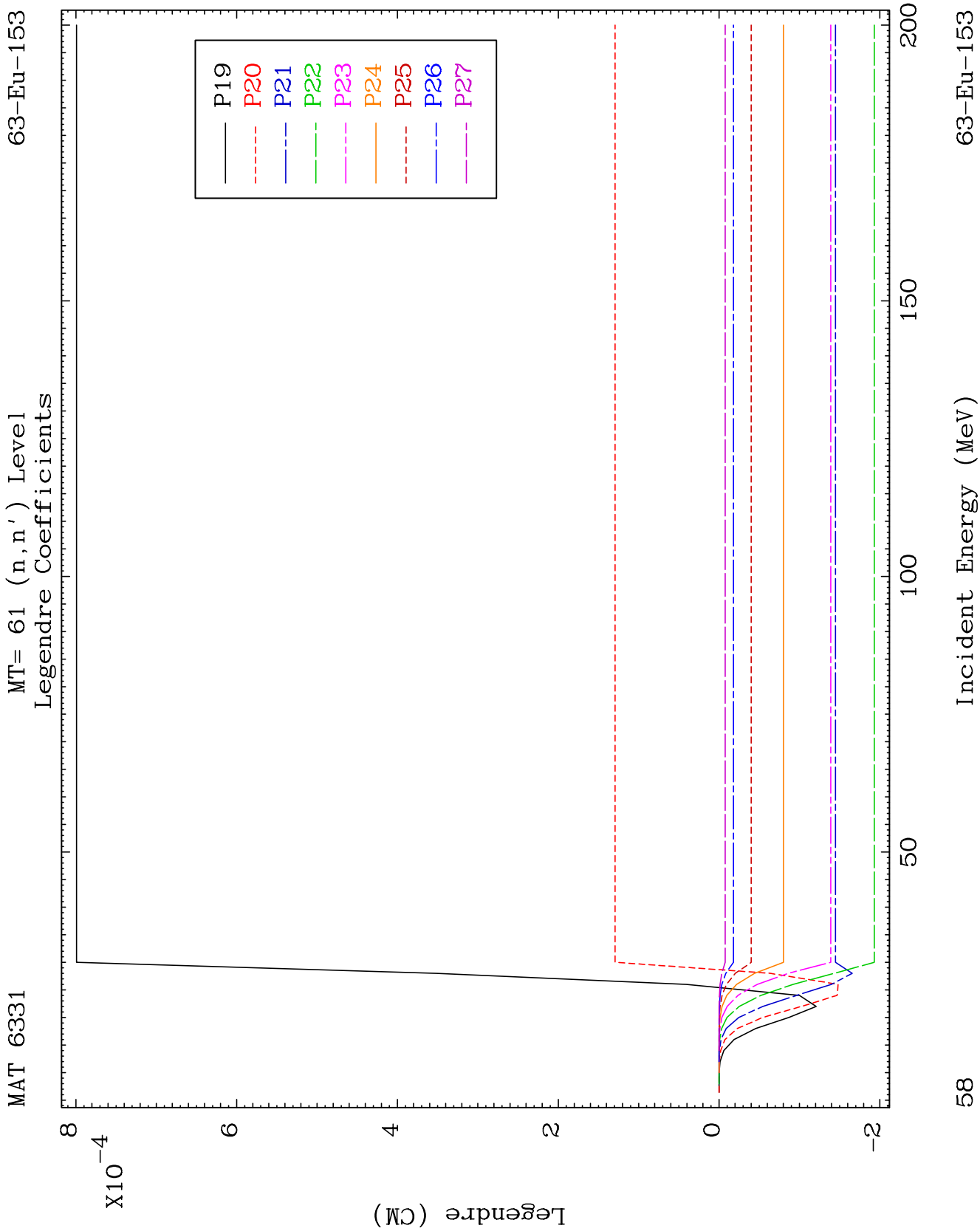


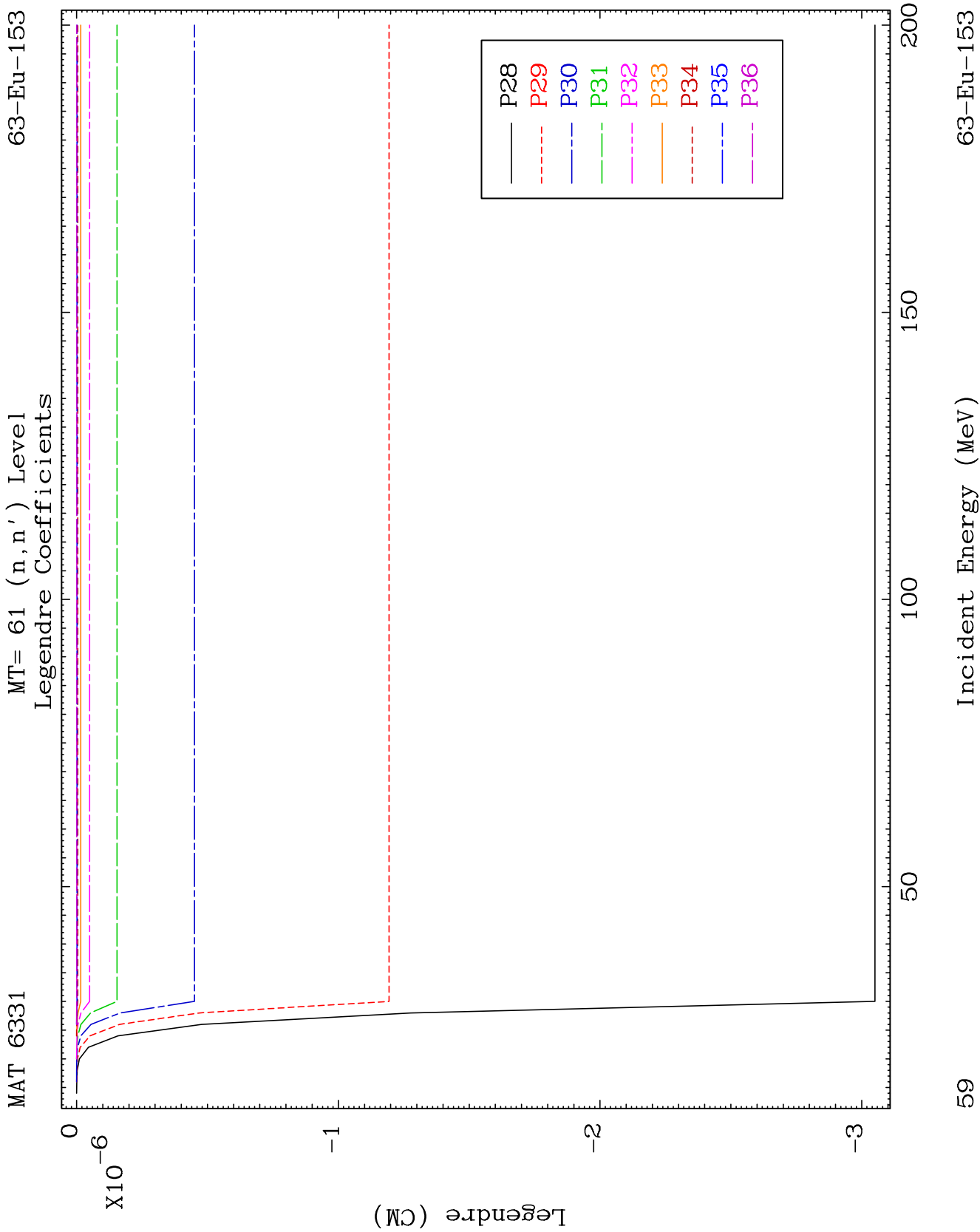
MAT 6331

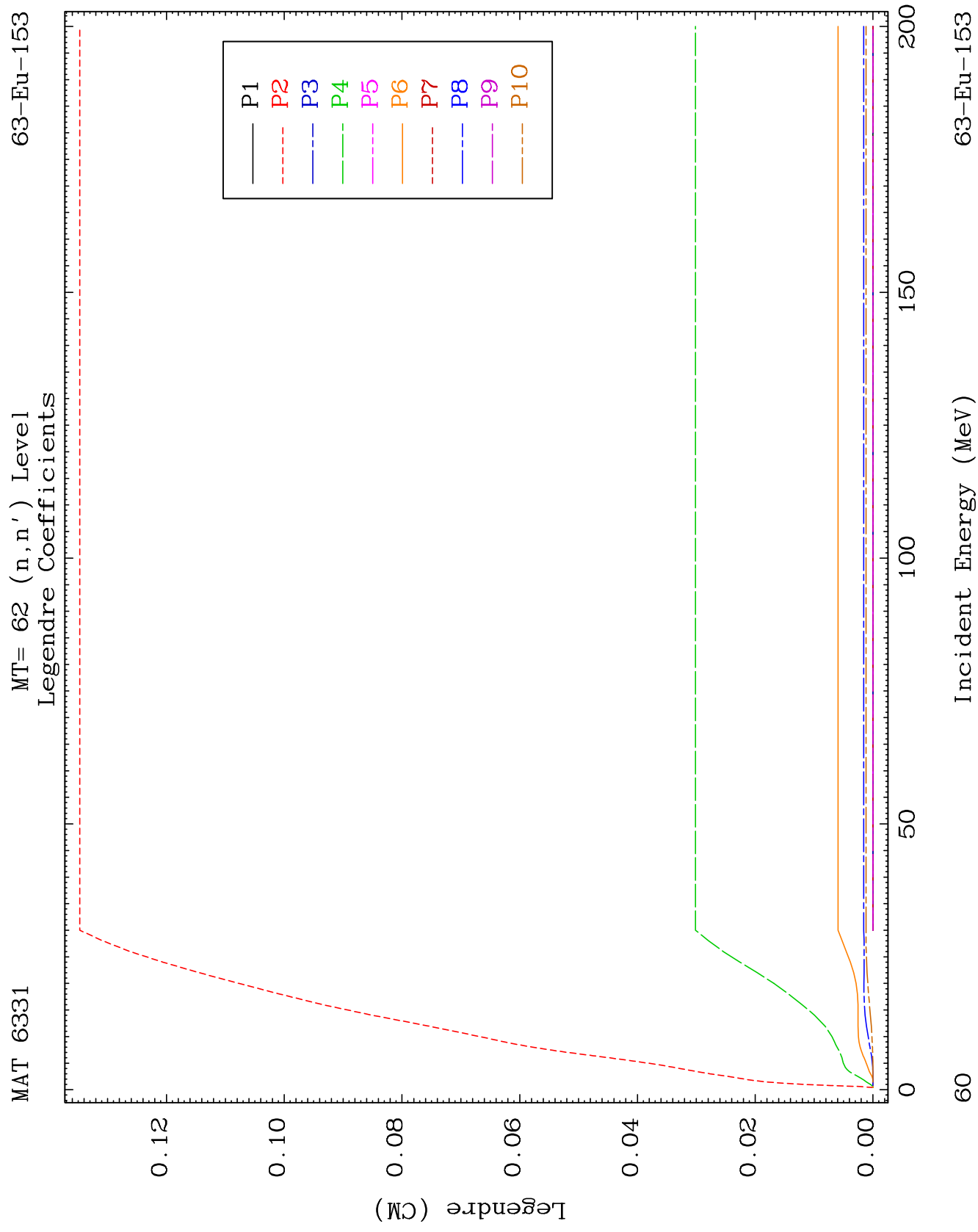
MT= 61 (n, n') Level
Legendre Coefficients

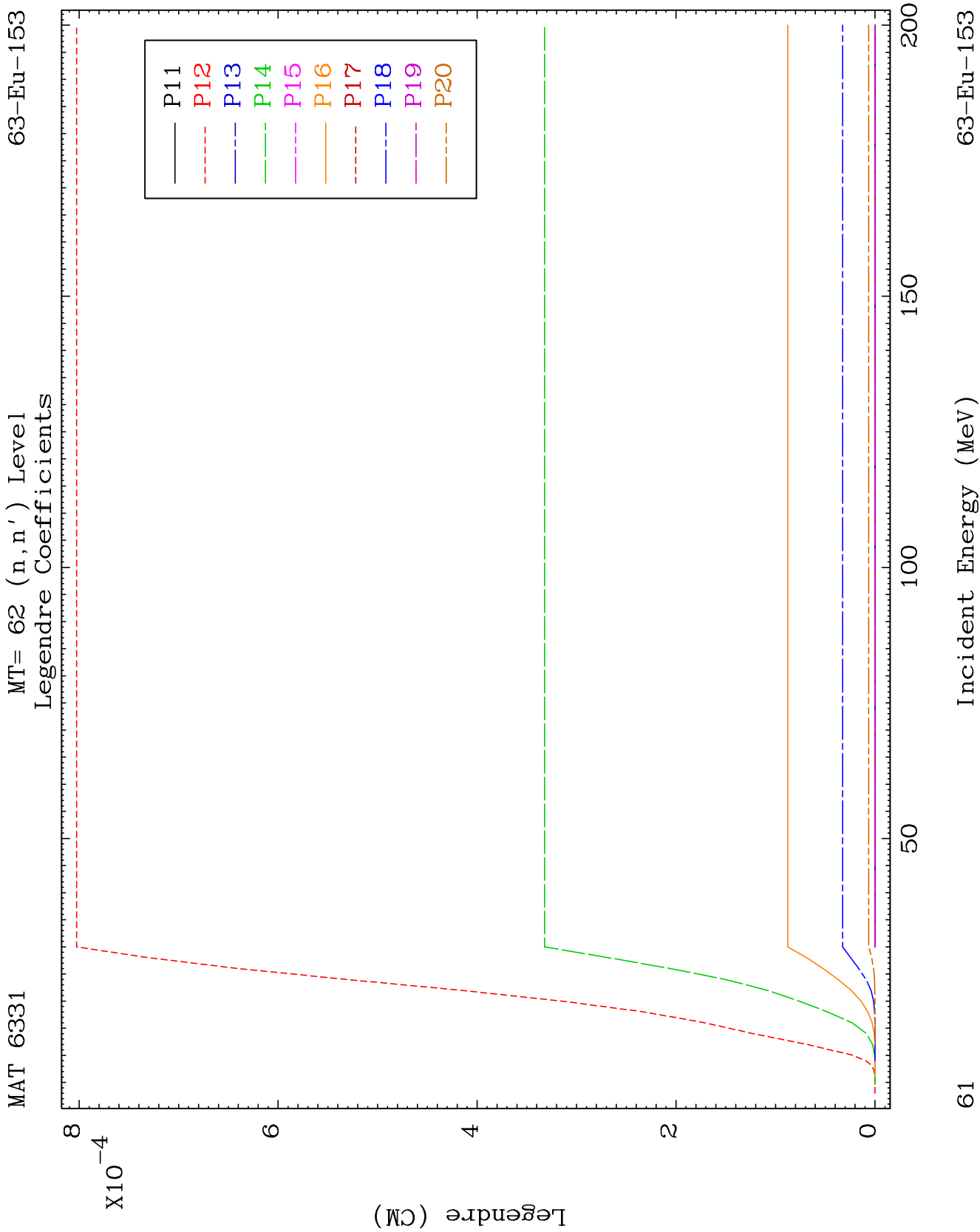
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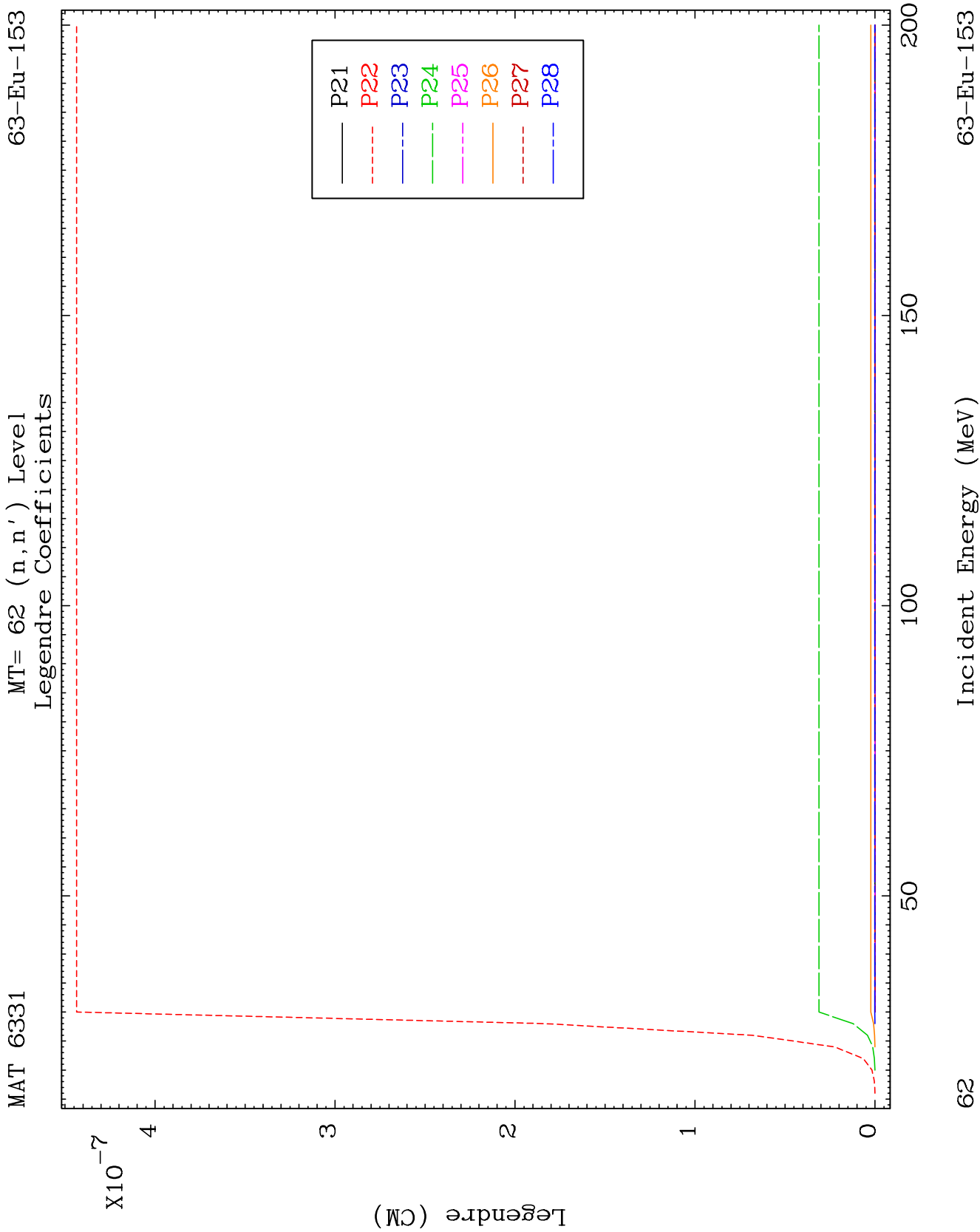


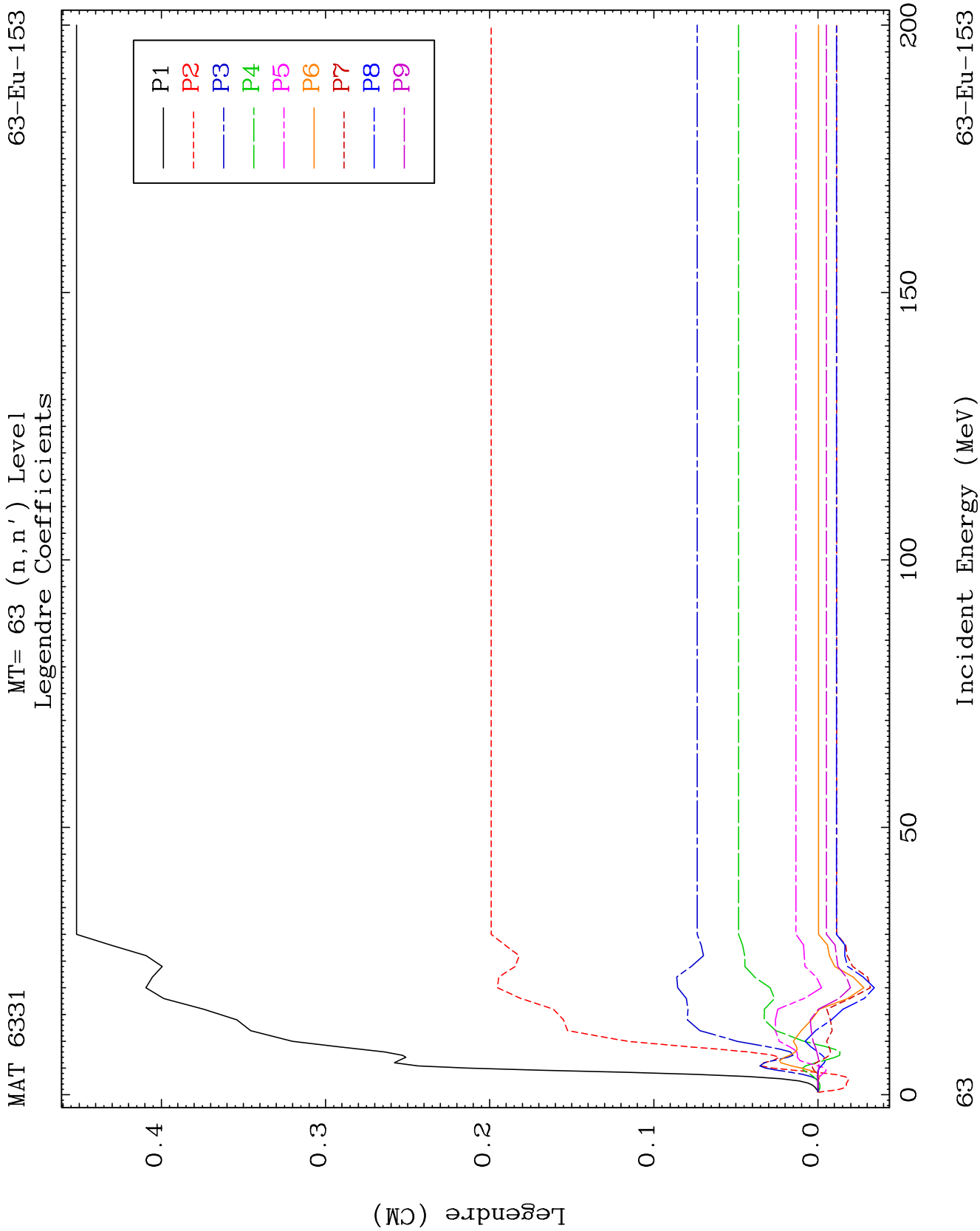








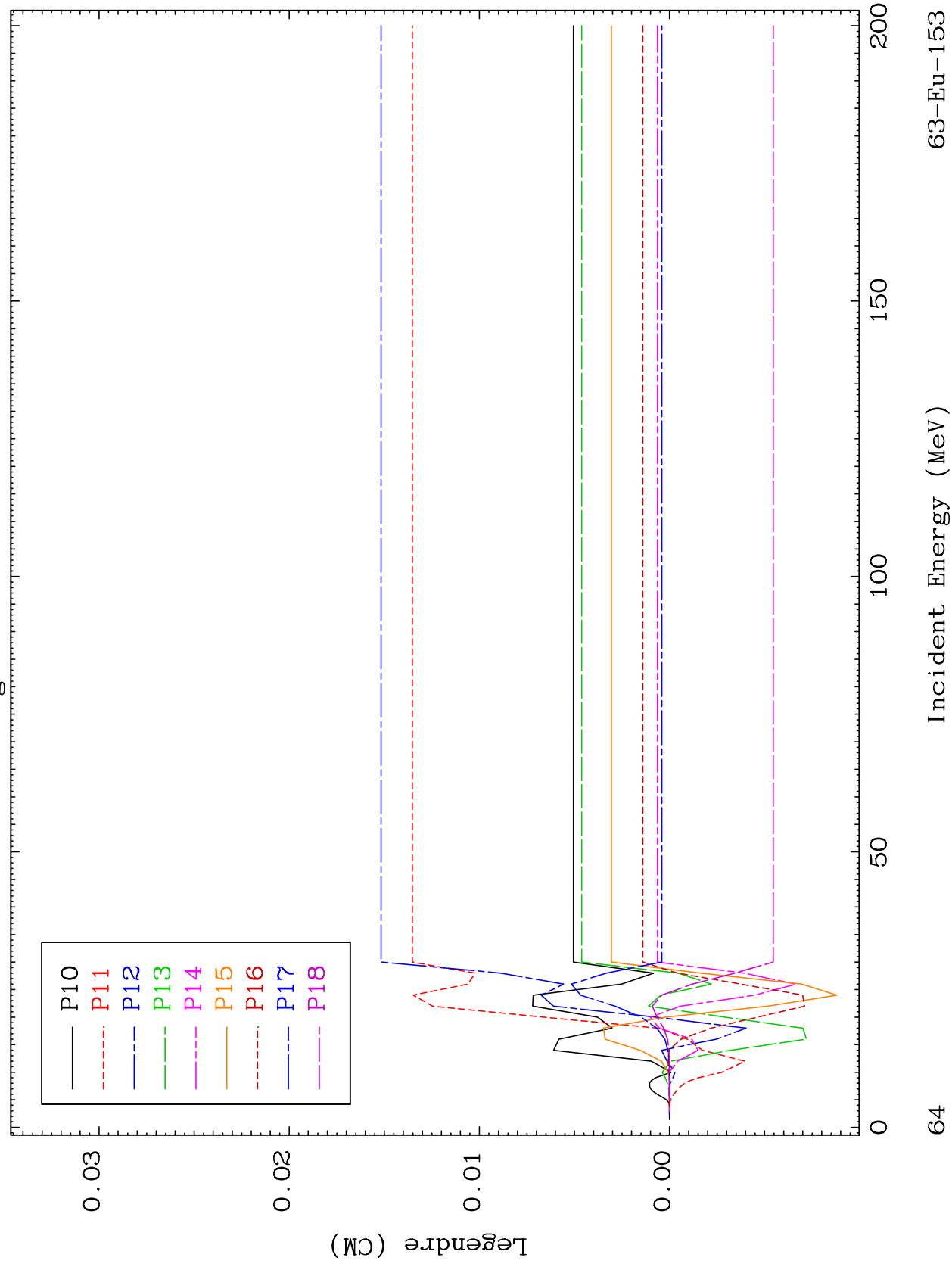




MAT 6331

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

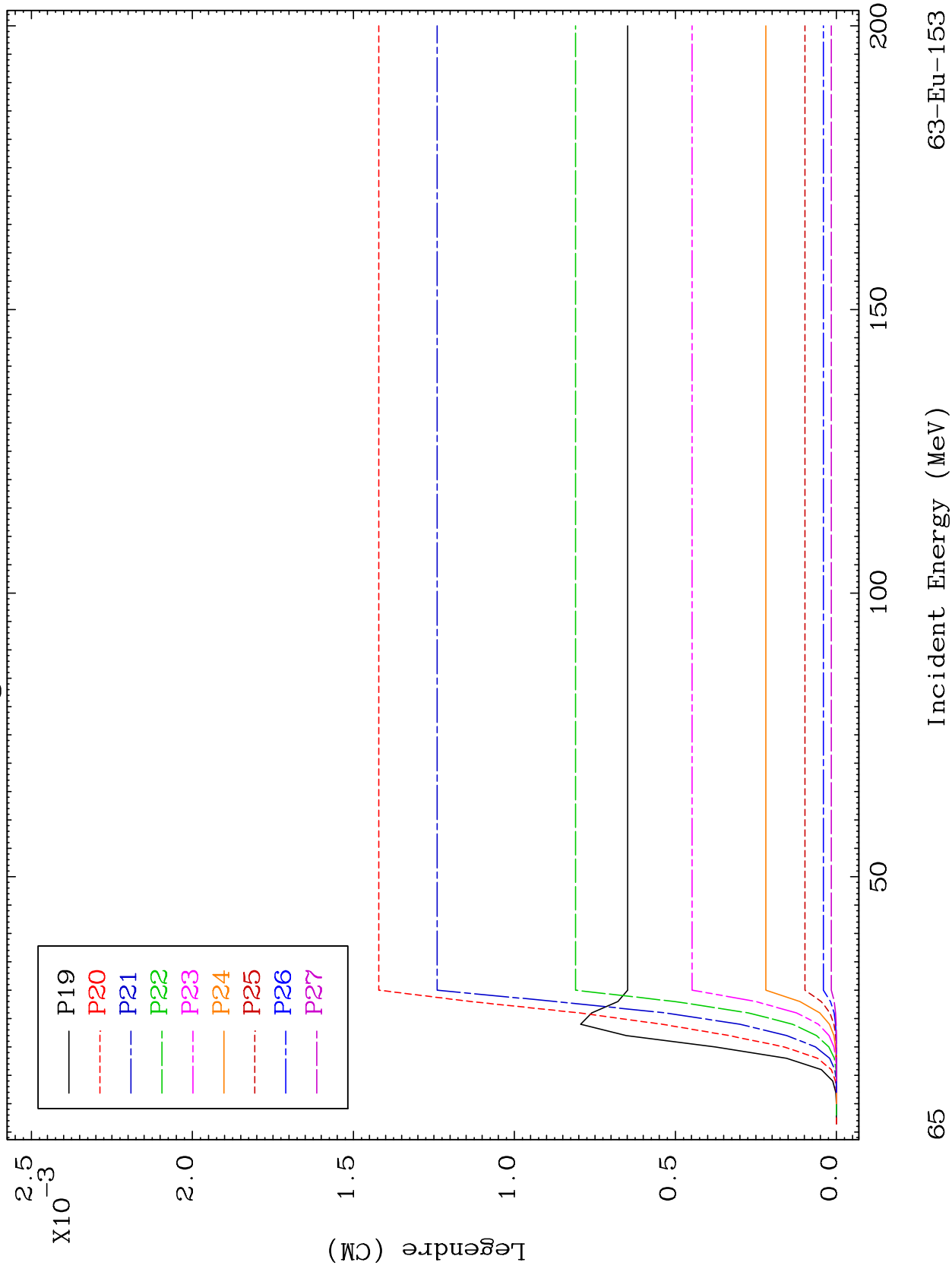
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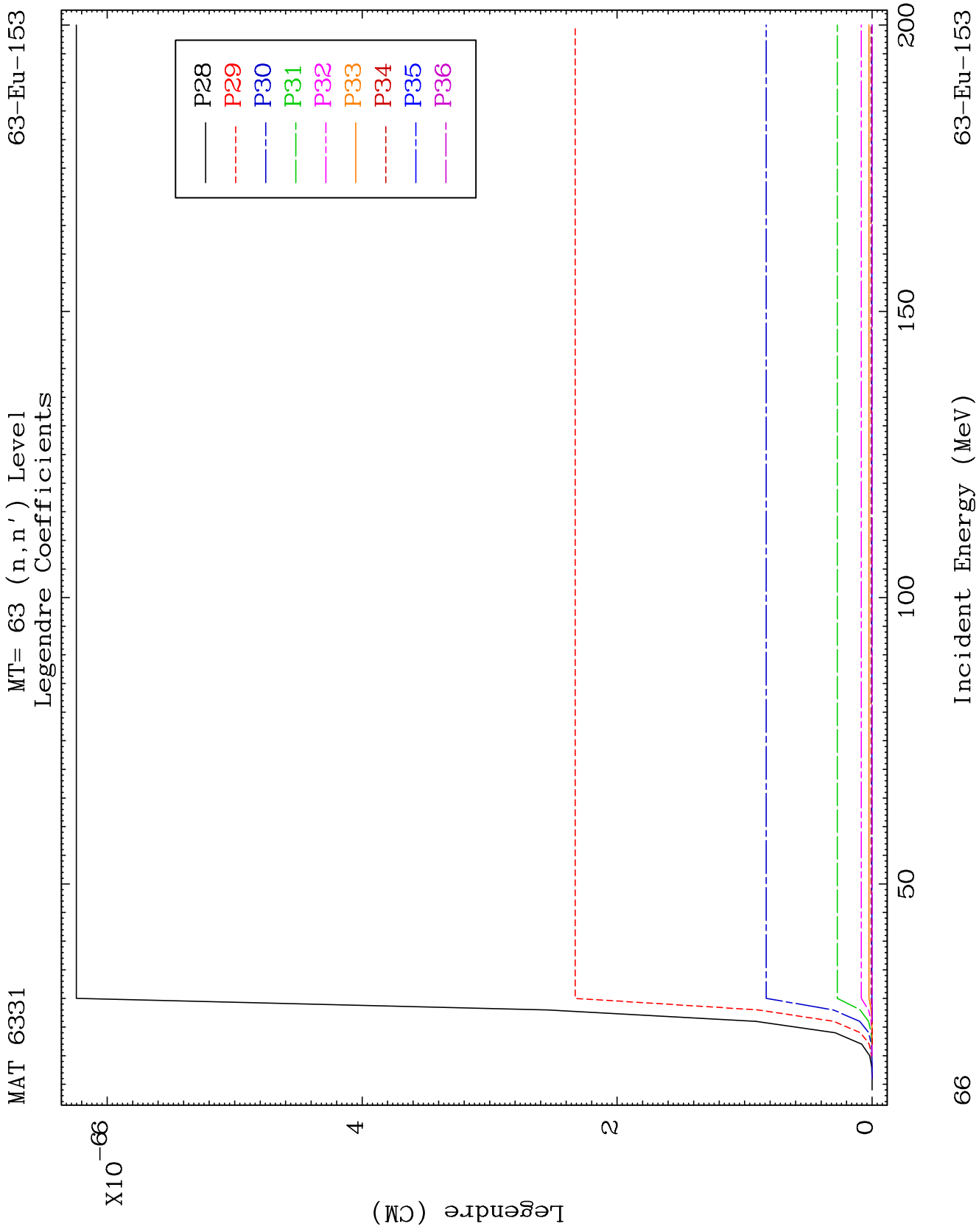


MAT 6331

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

63-Eu-153

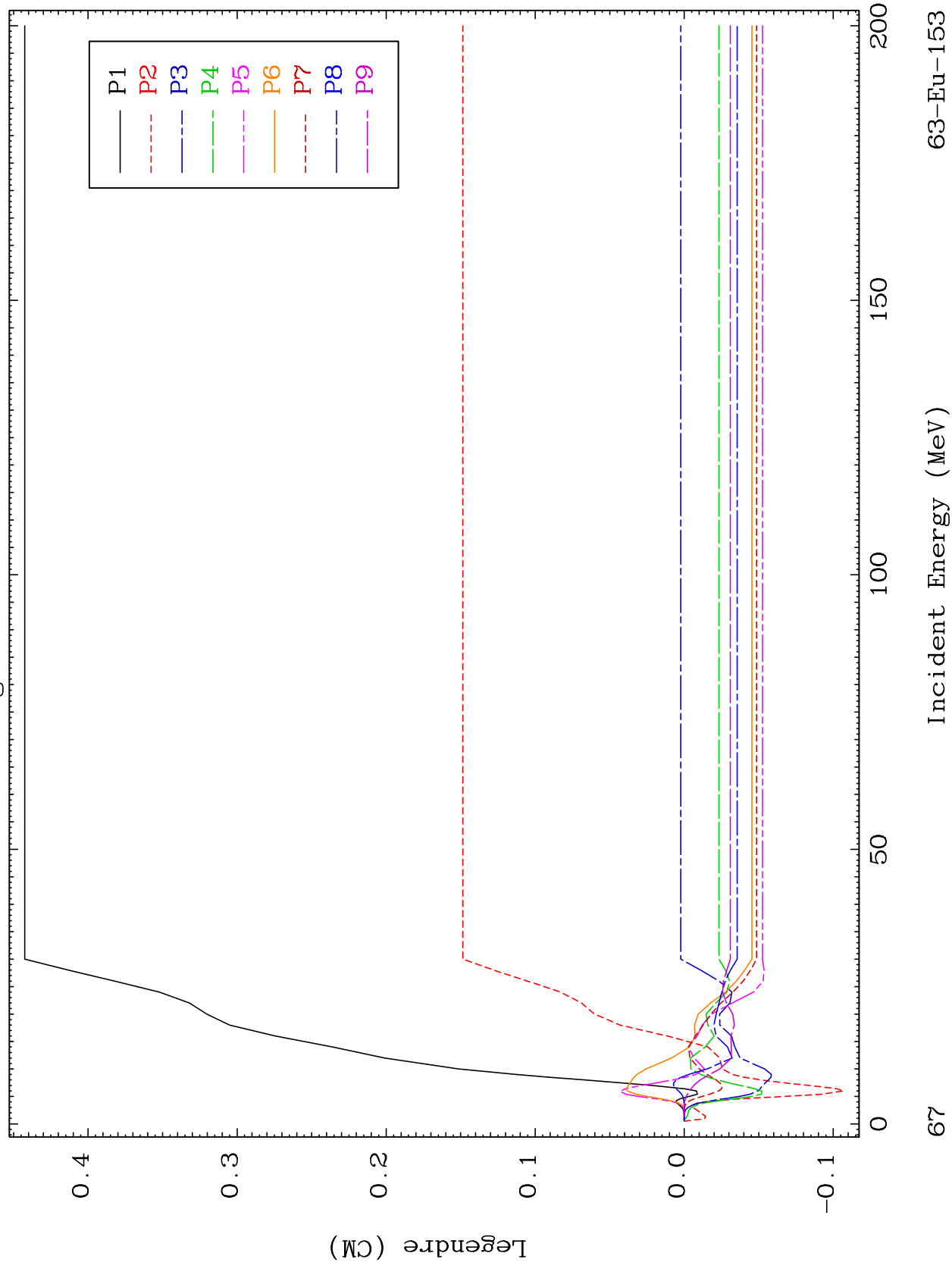


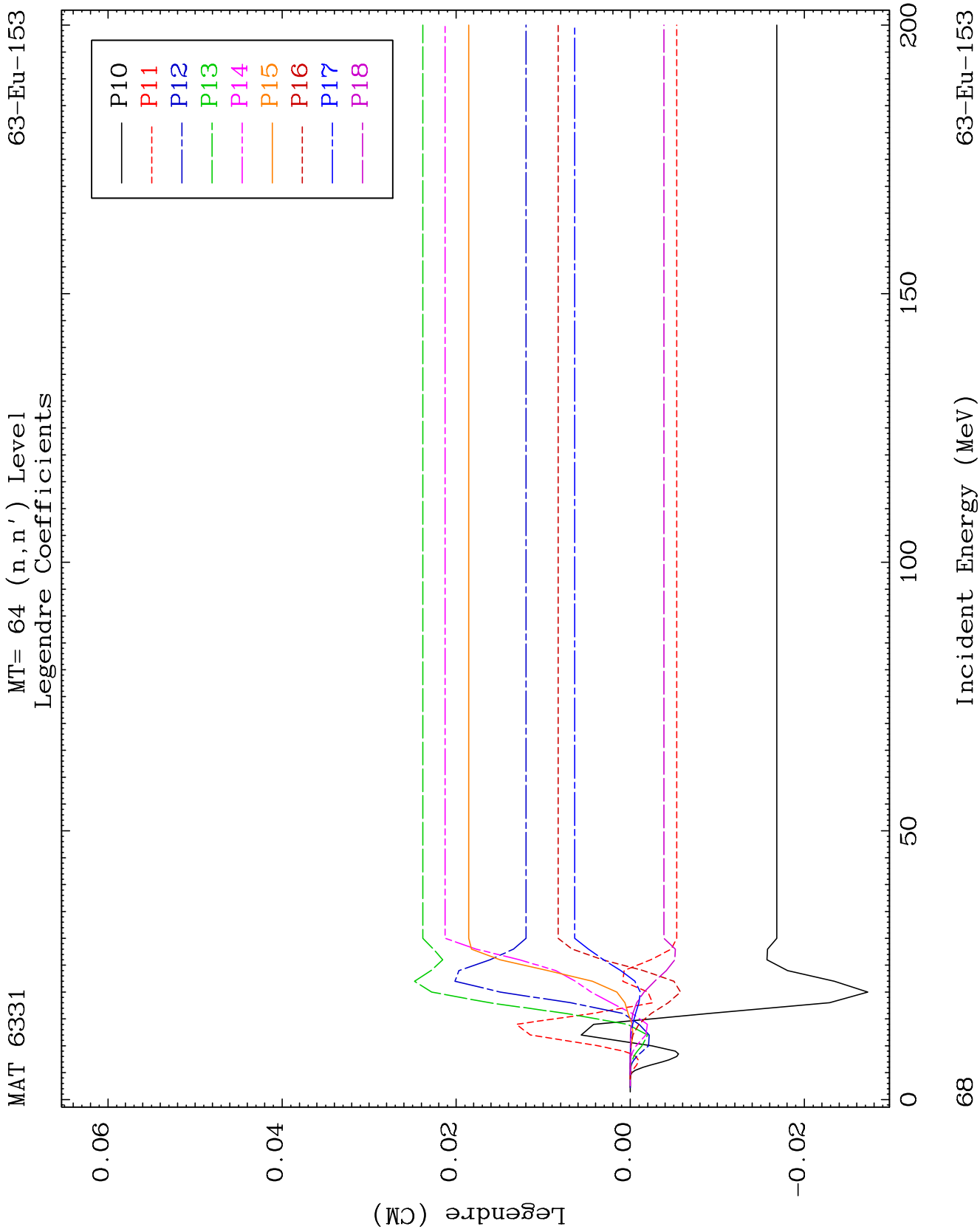


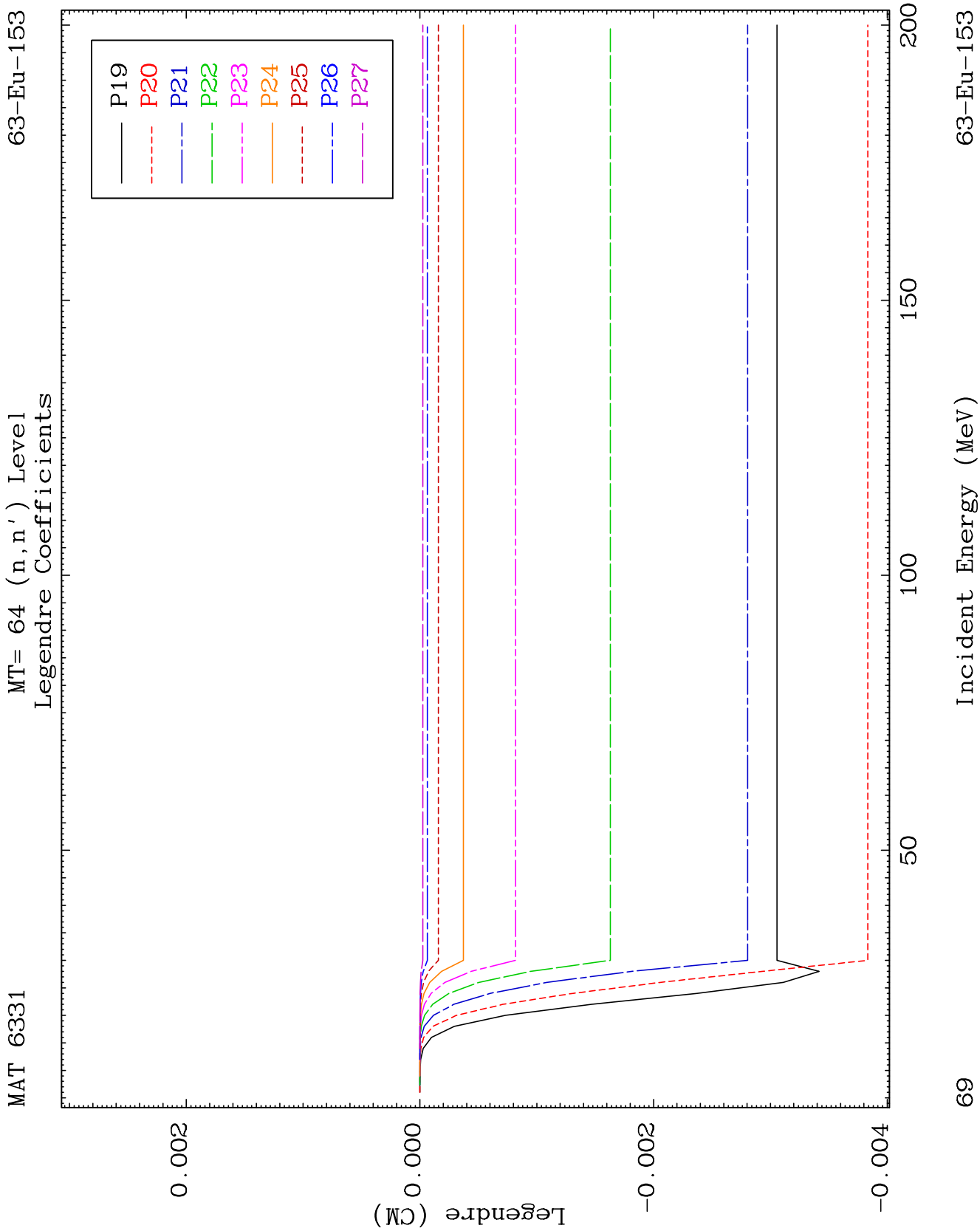
MAT 6331

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

63-Eu-153



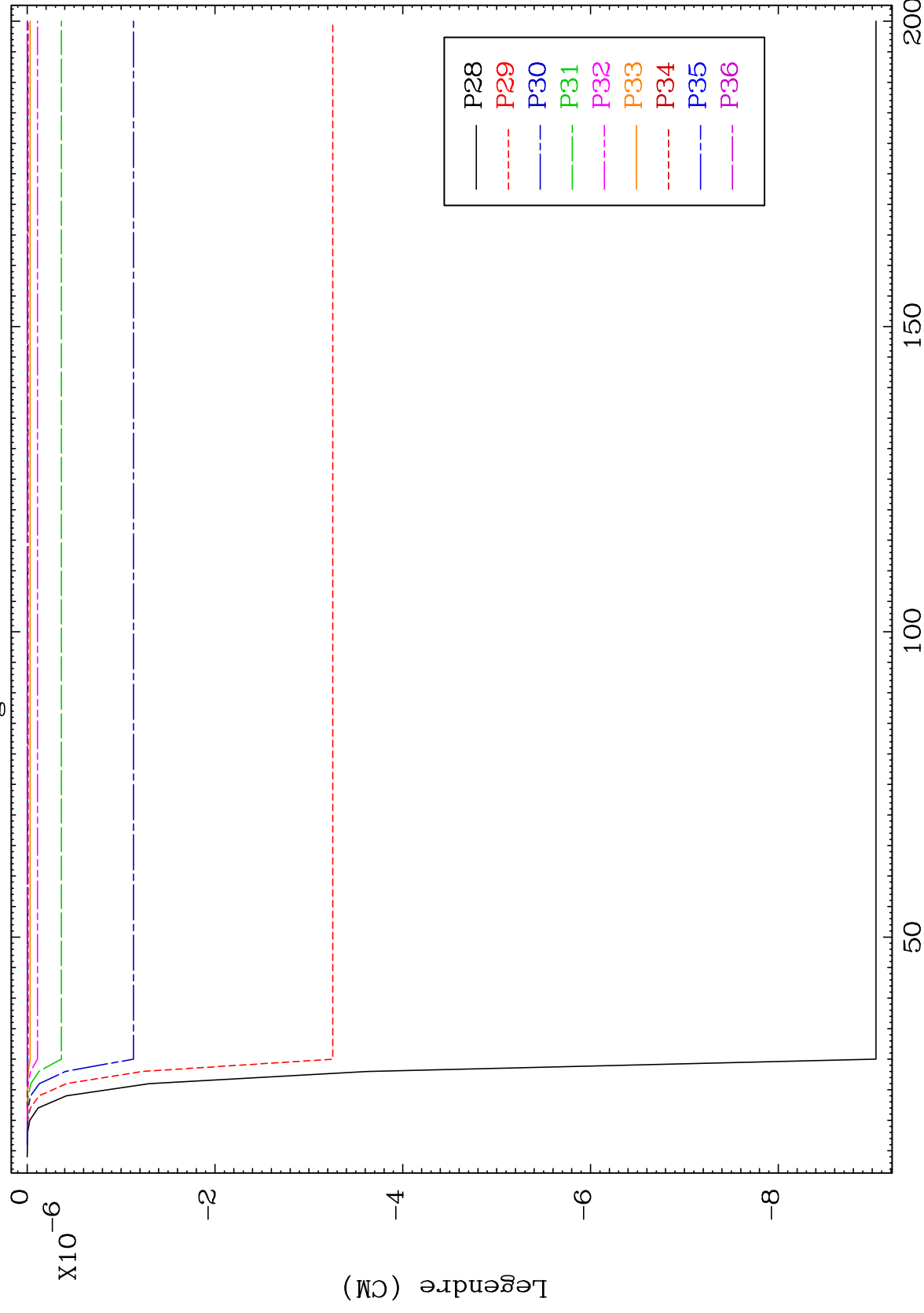




MAT 6331

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

63-Eu-153



02

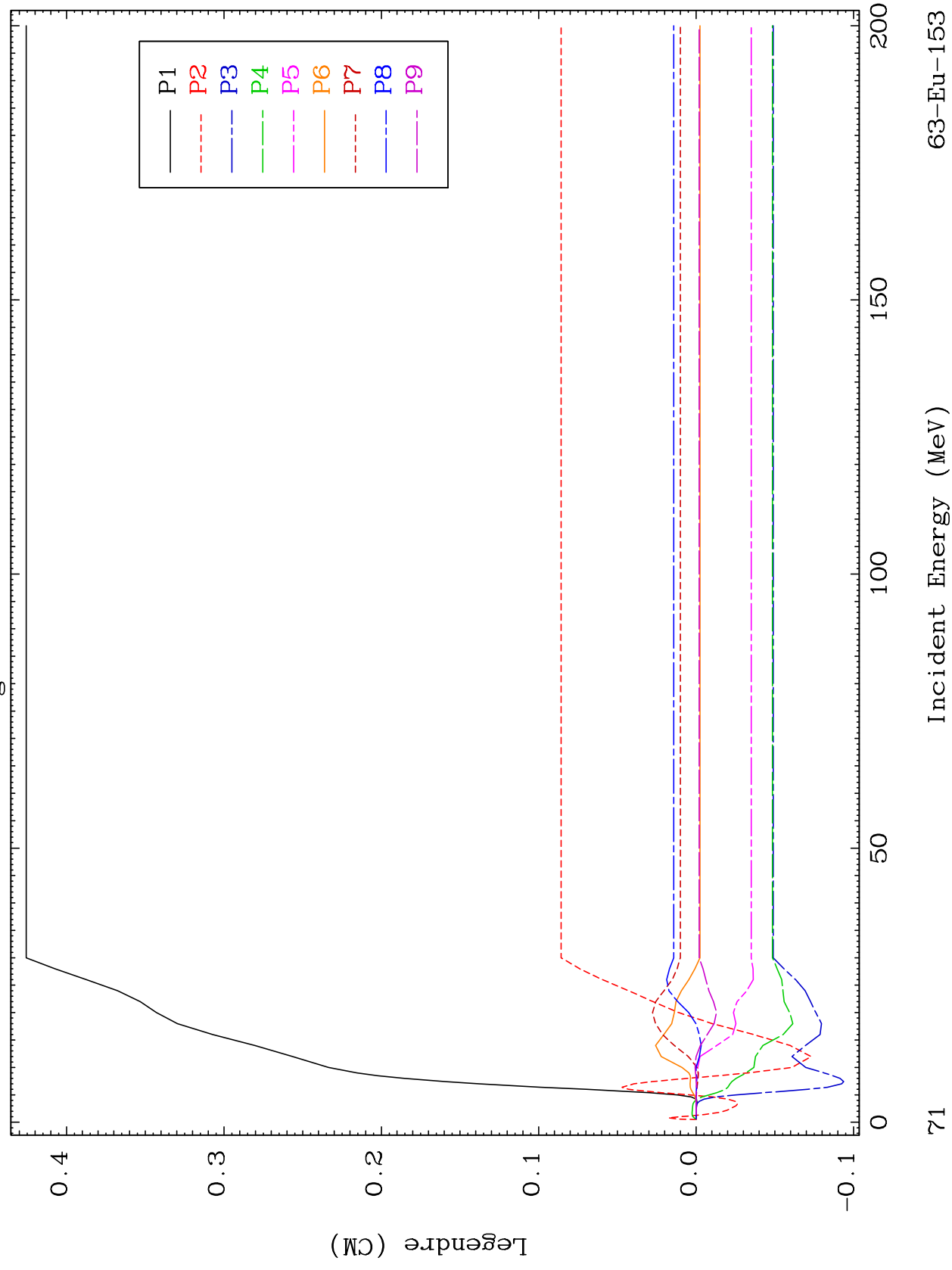
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

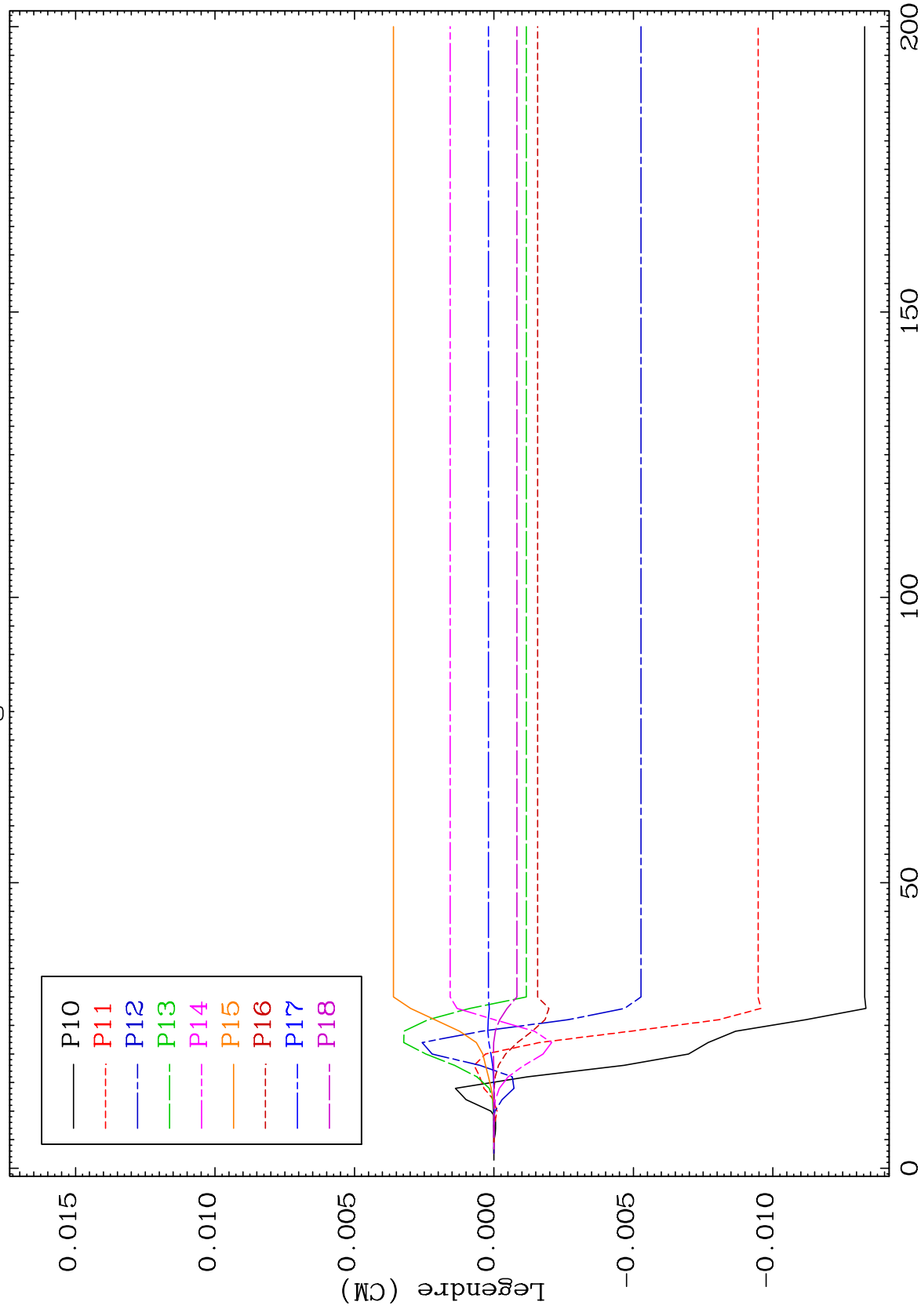
63-Eu-153



MAT 6331

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

63-Eu-153



22

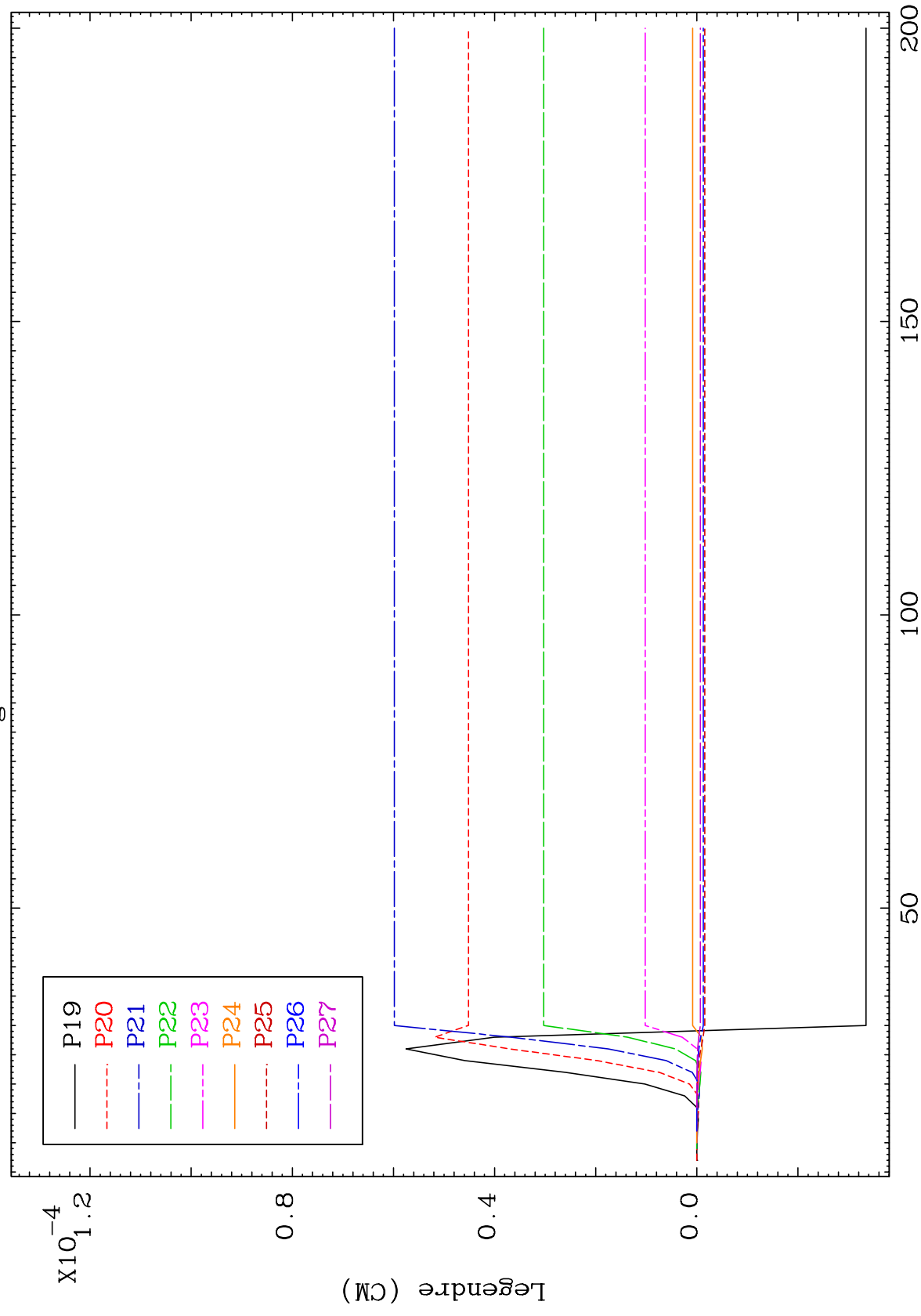
Incident Energy (MeV)

63-Eu-153

MAT 6331

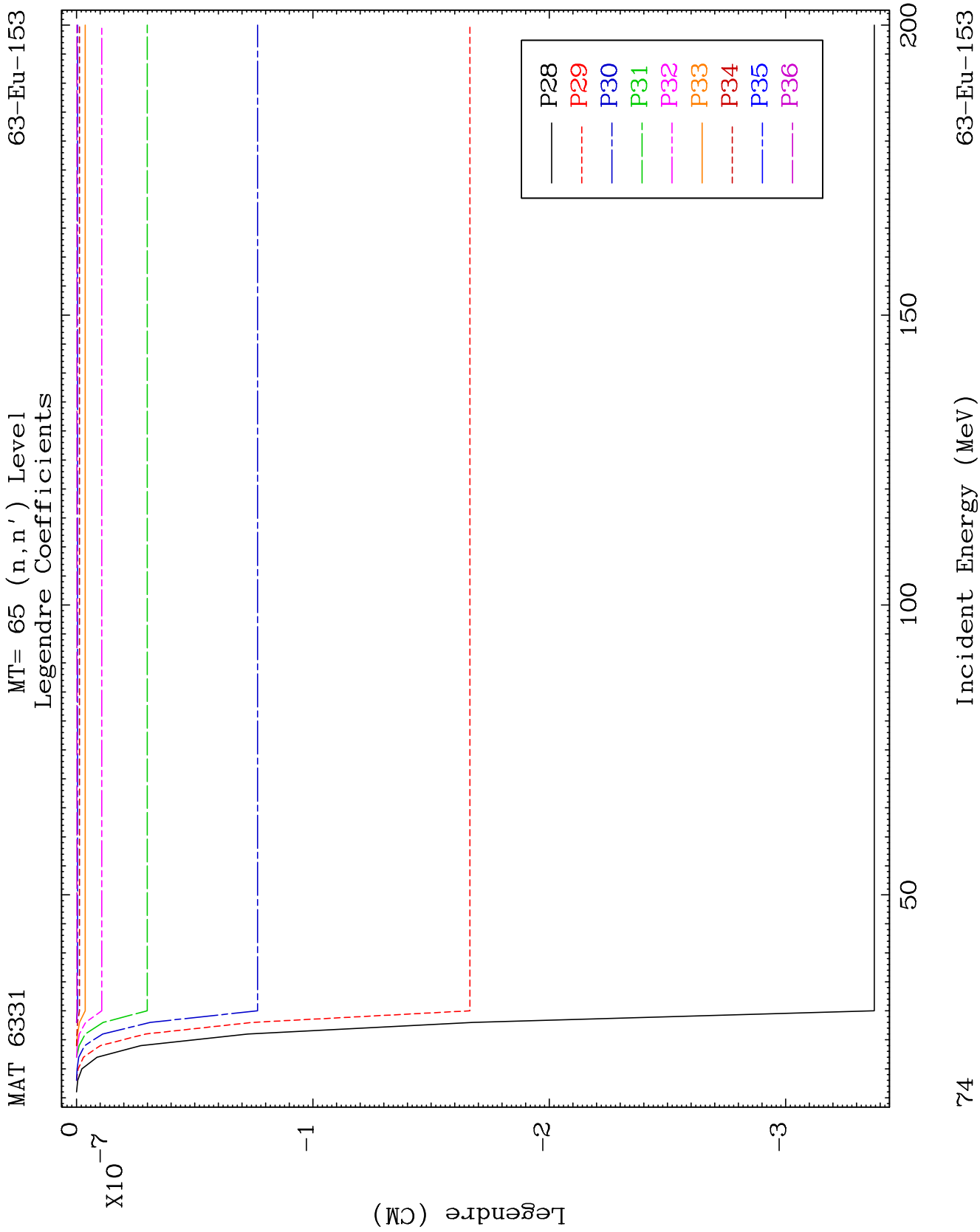
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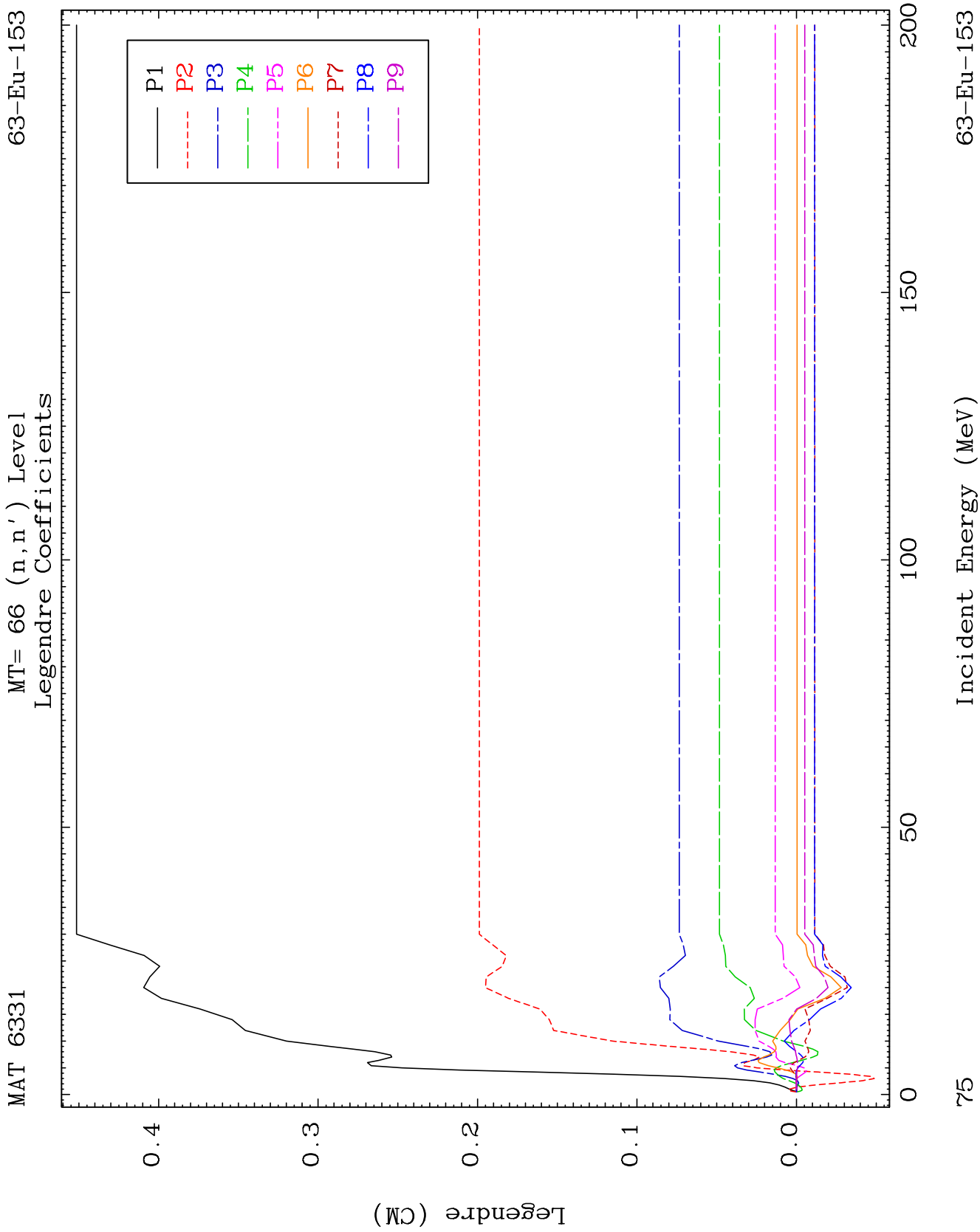
MT= 65 (n, n') Level
Legendre Coefficients

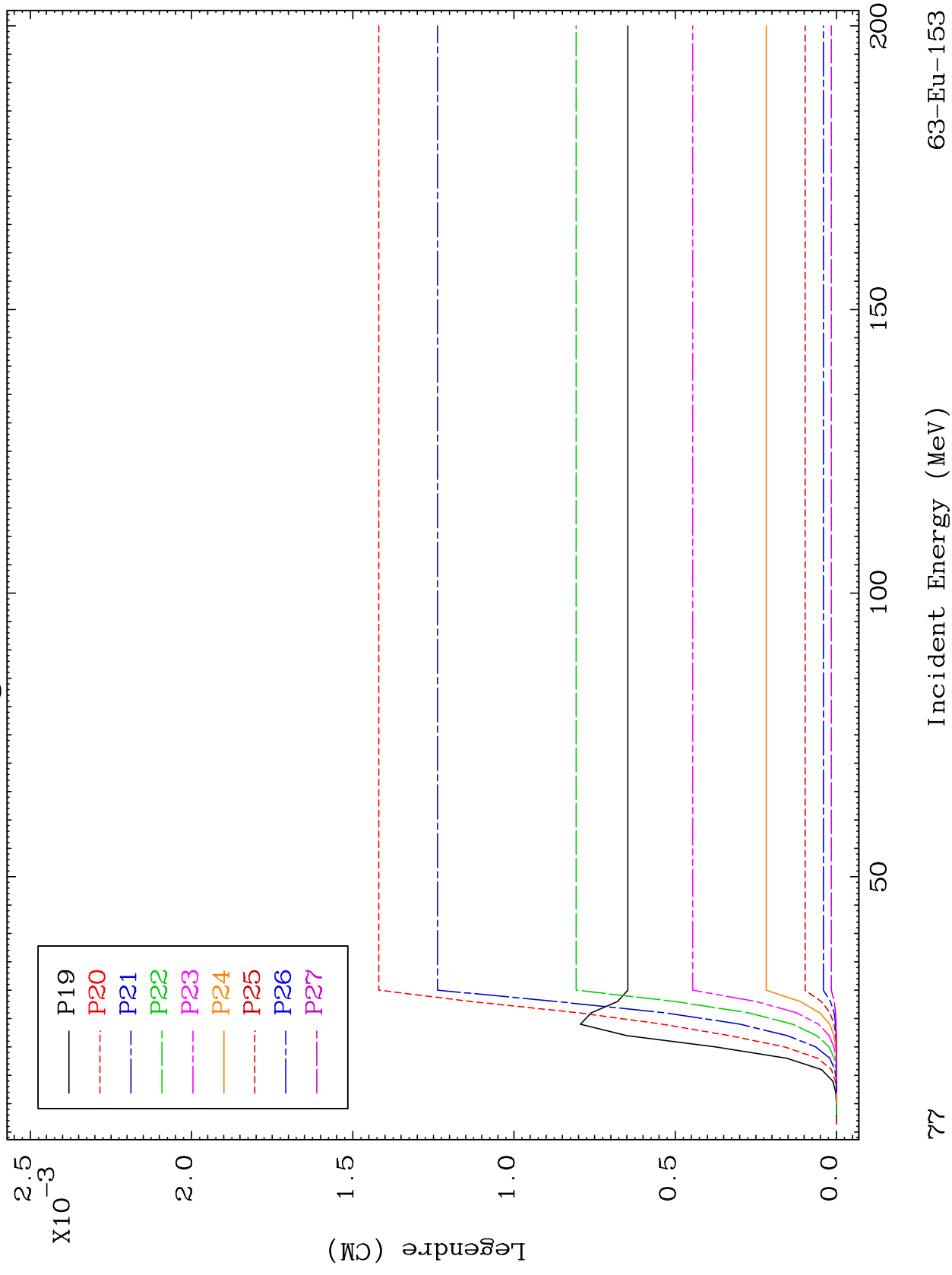


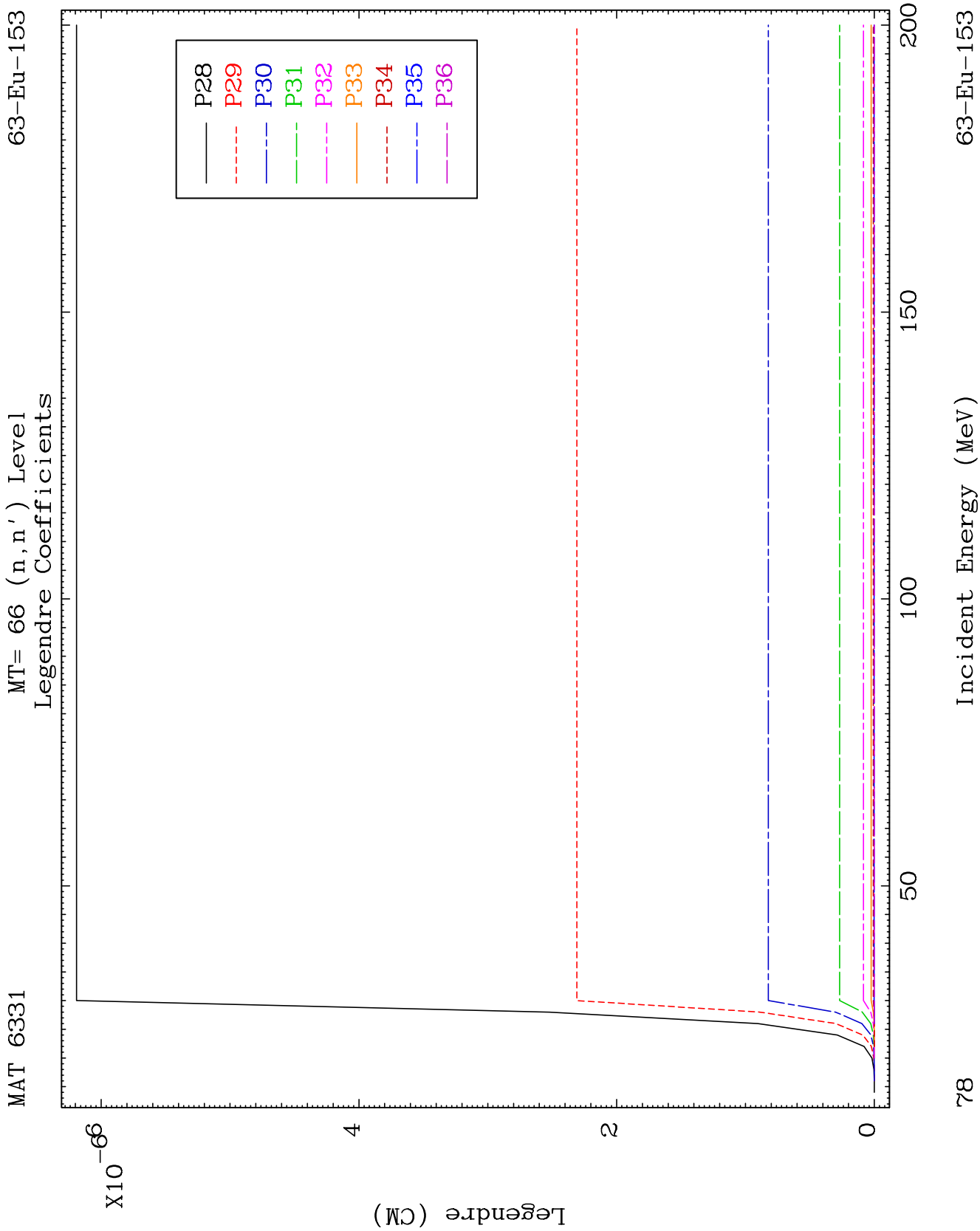
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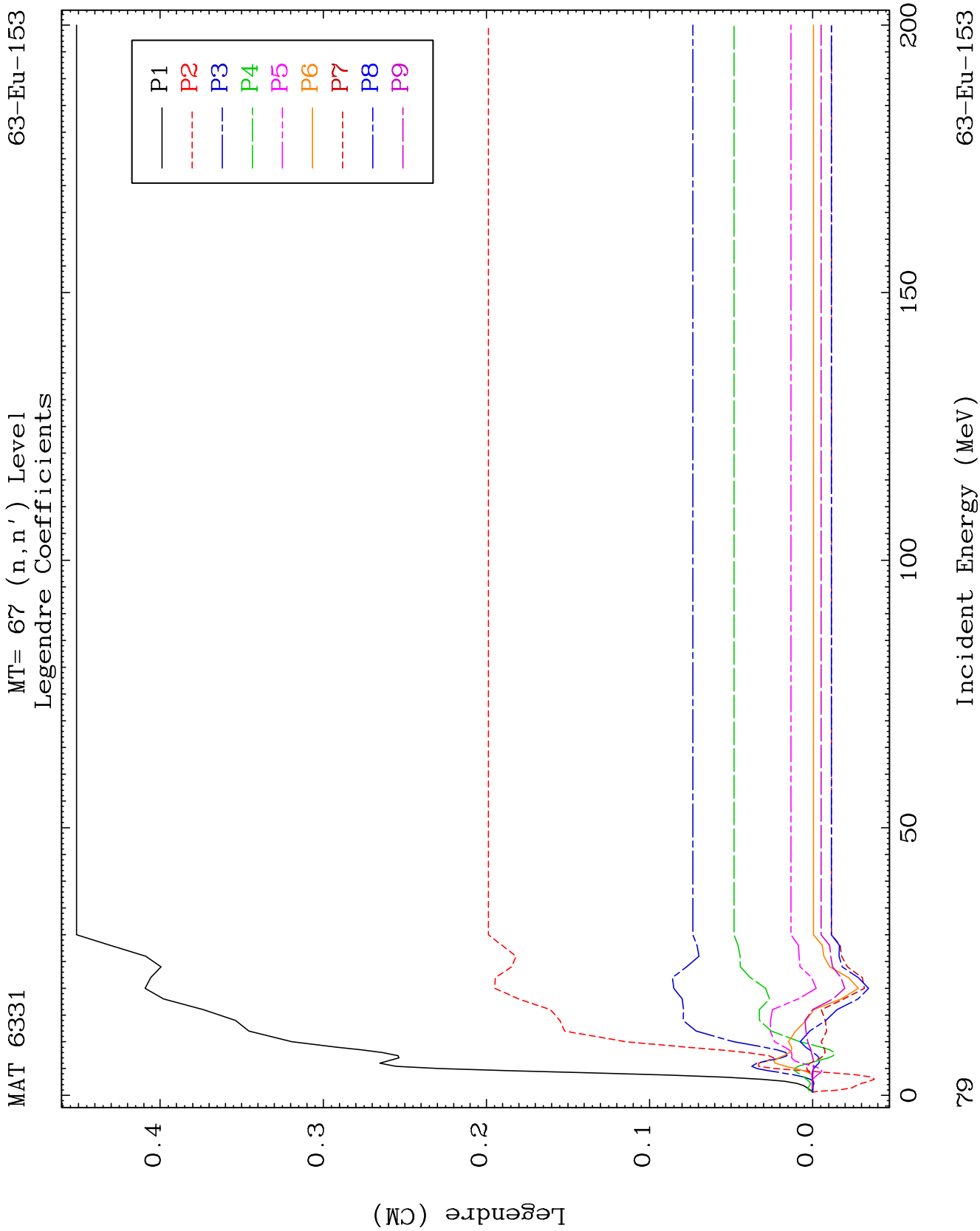
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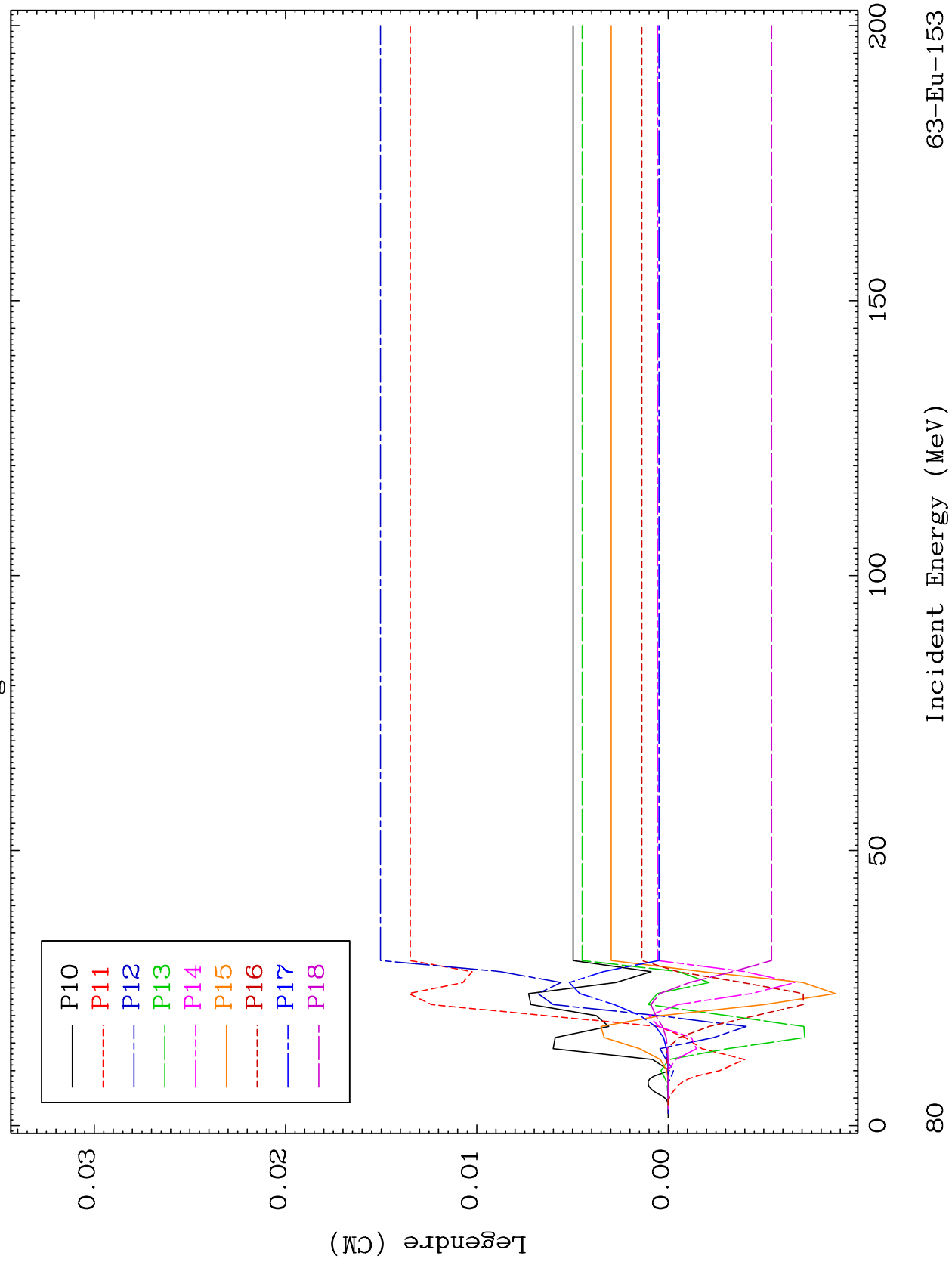


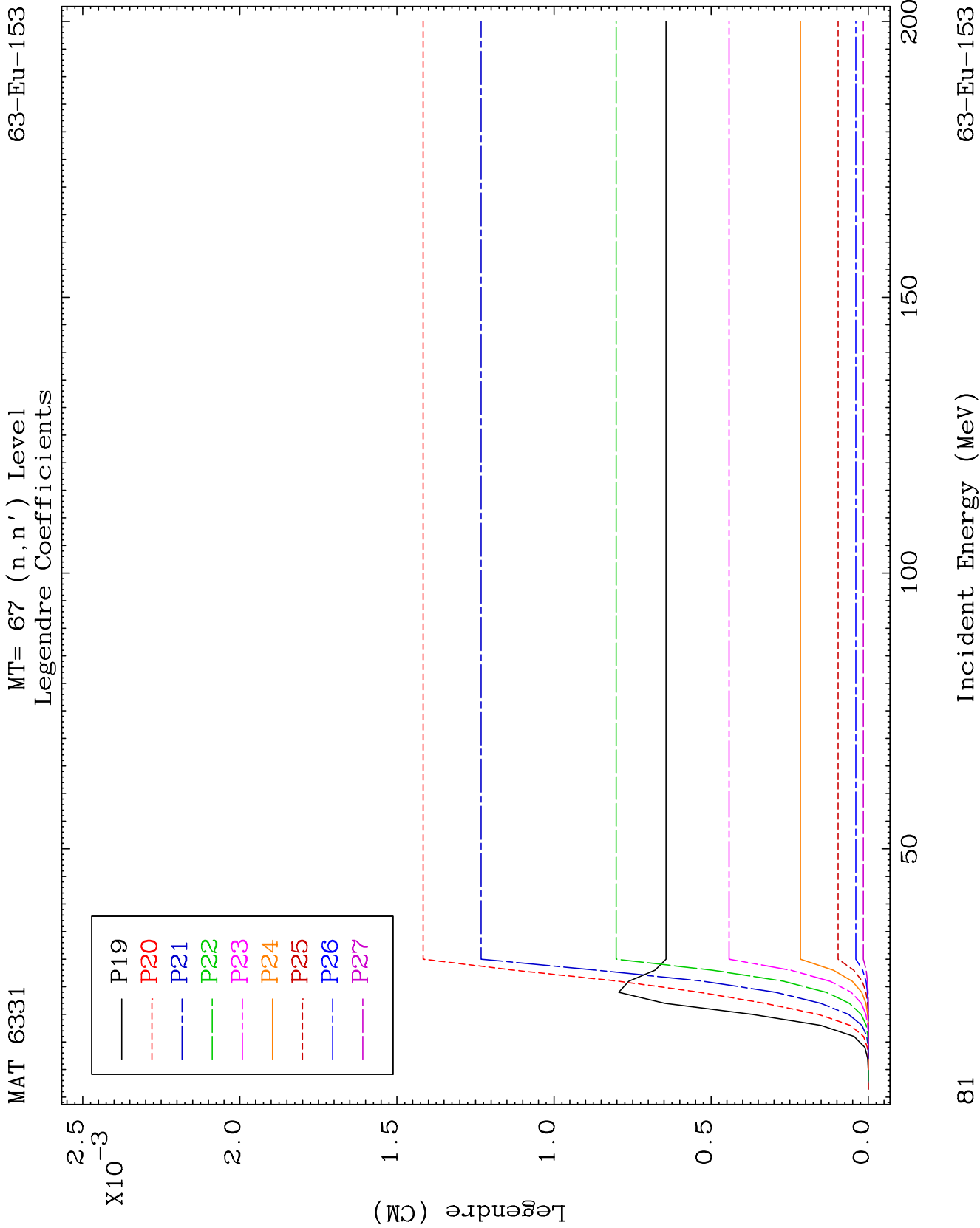


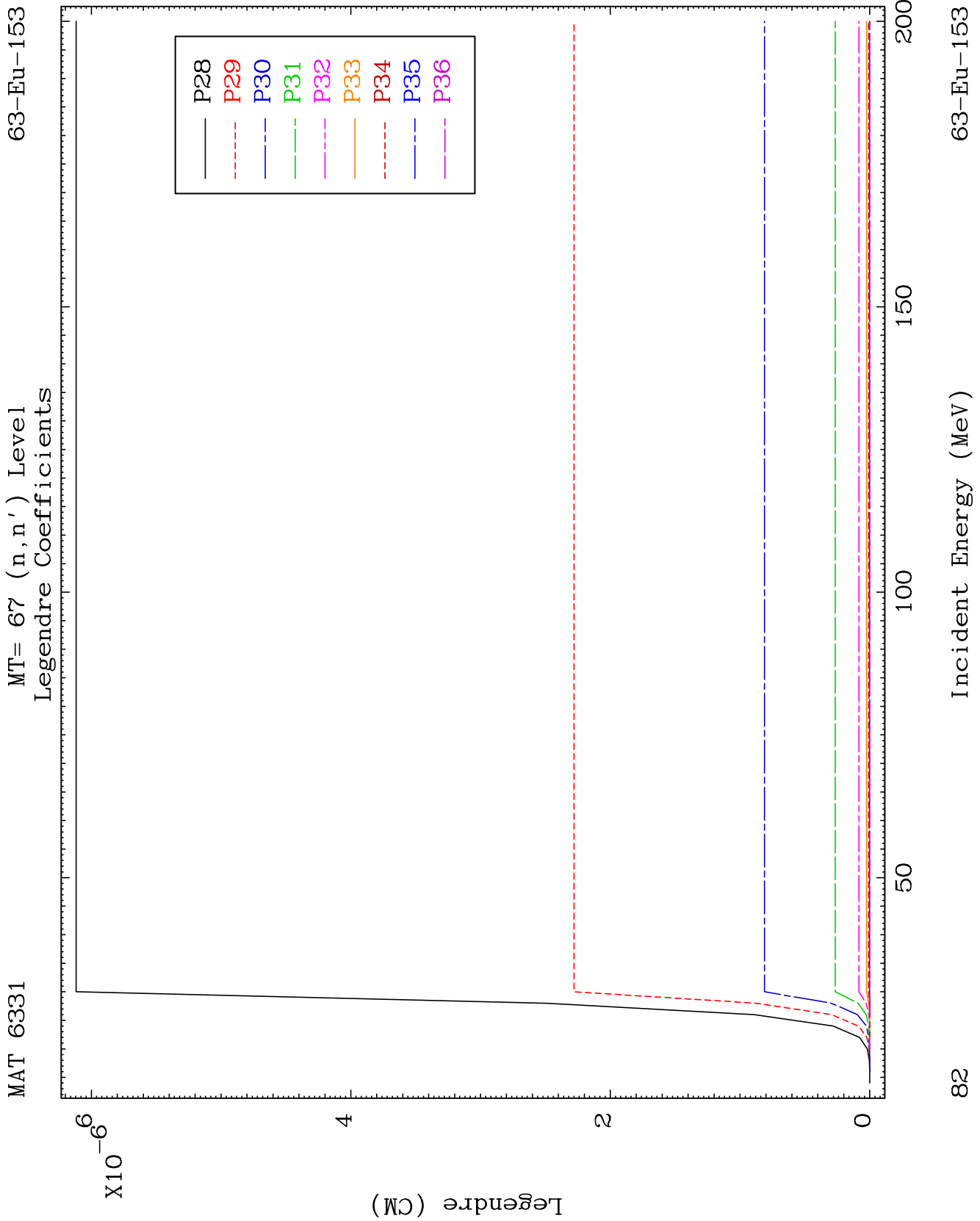
MAT 6331

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

63-Eu-153



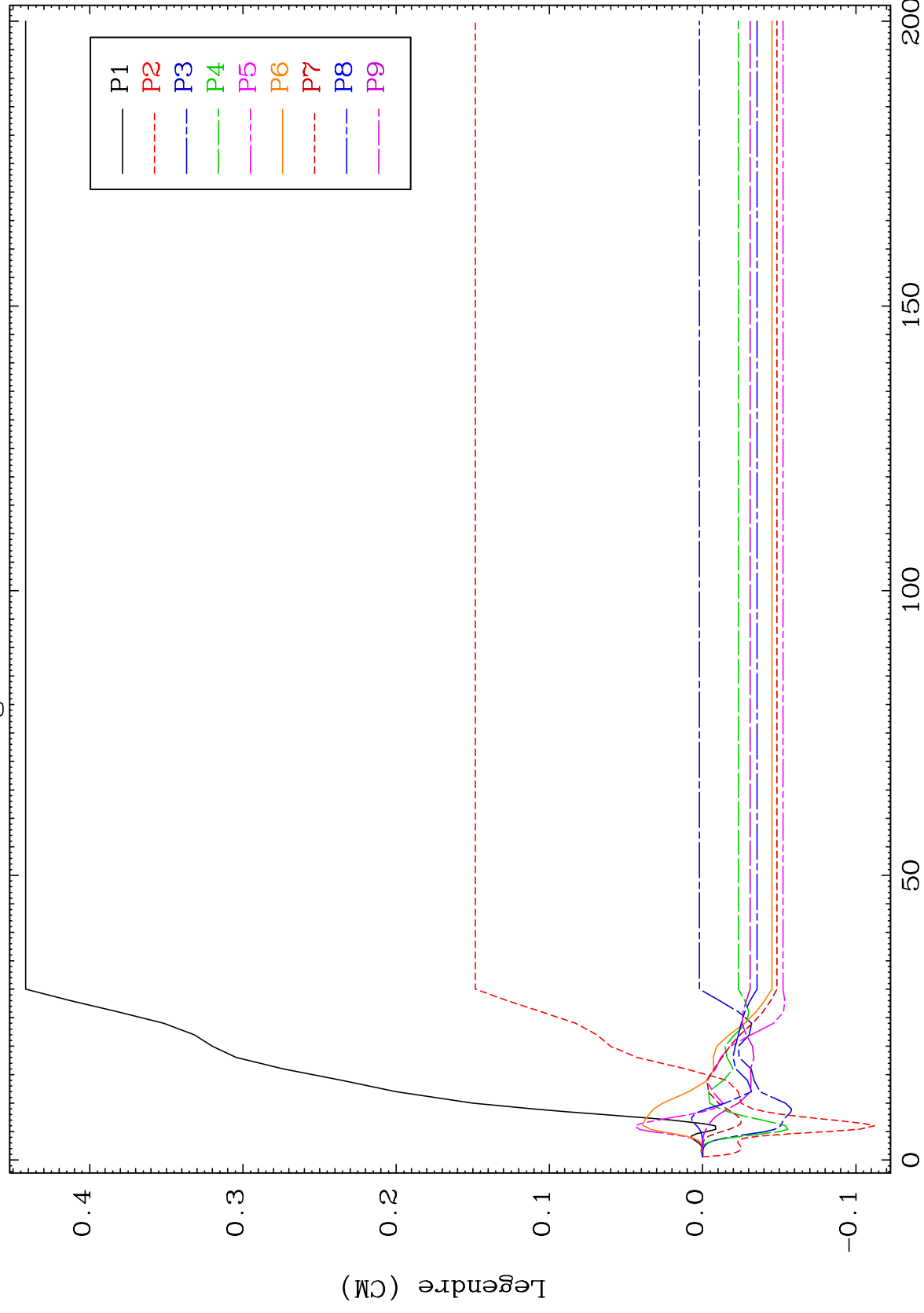




MAT 6331

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

63-Eu-153



38

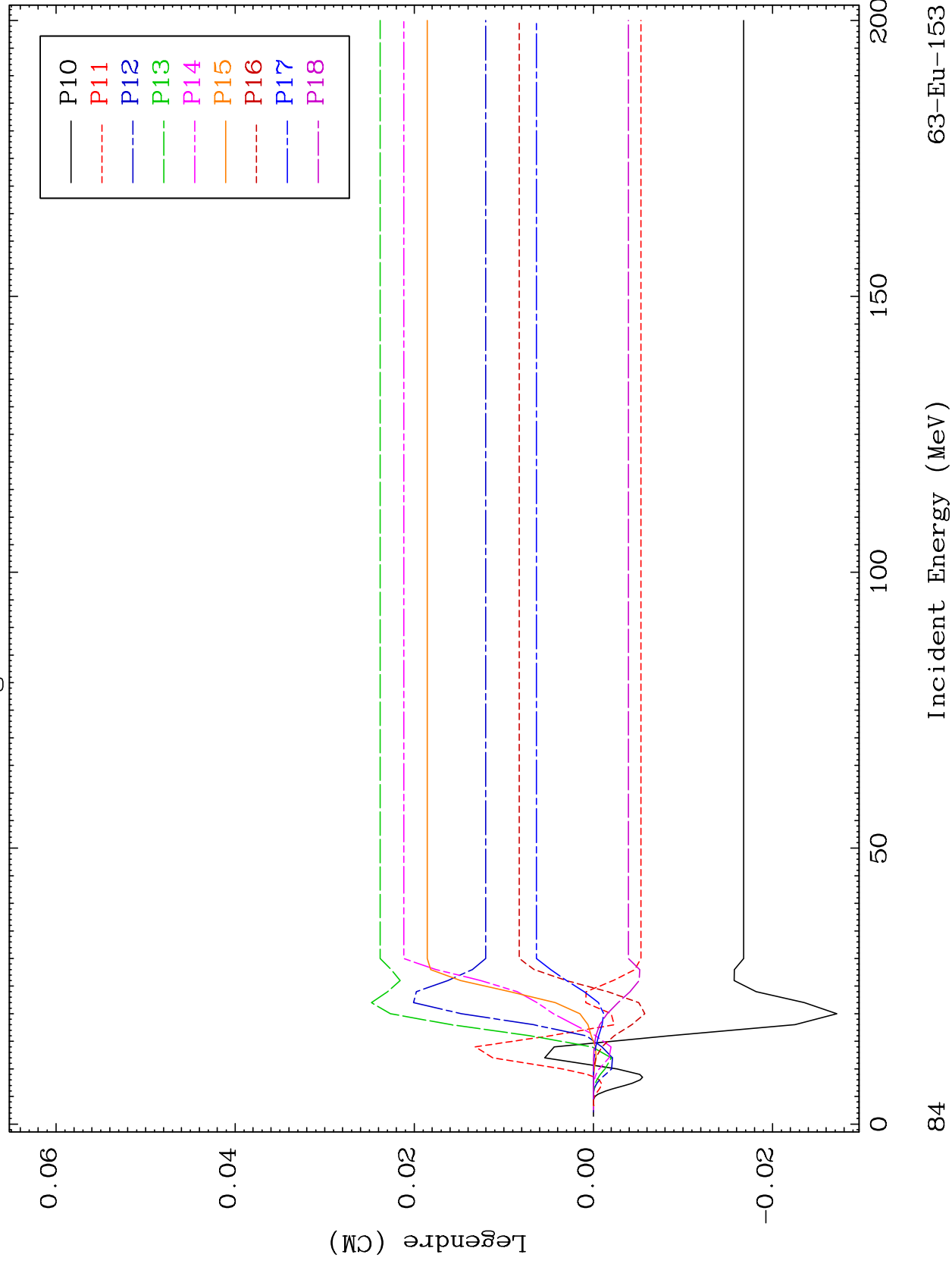
Incident Energy (MeV)

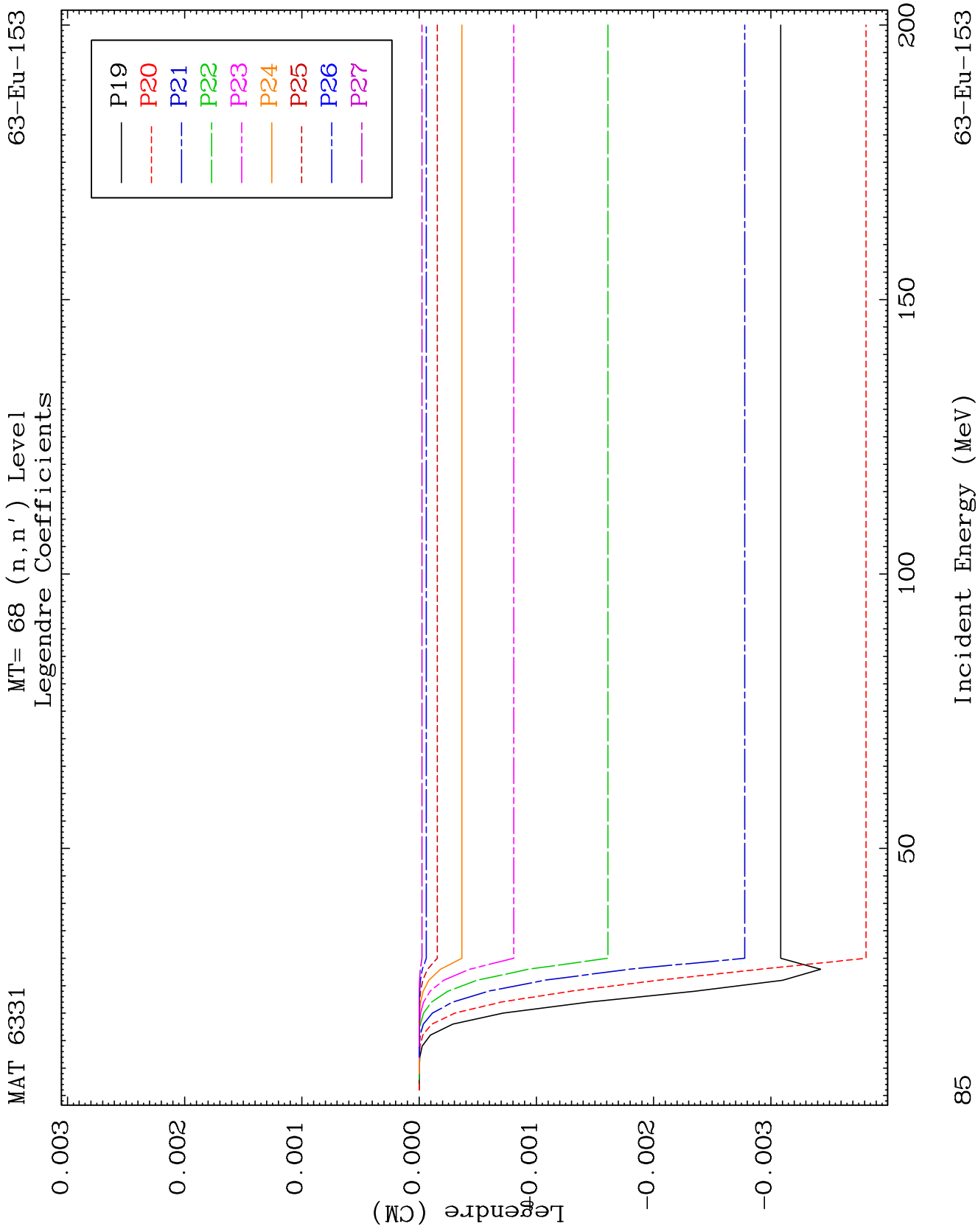
63-Eu-153

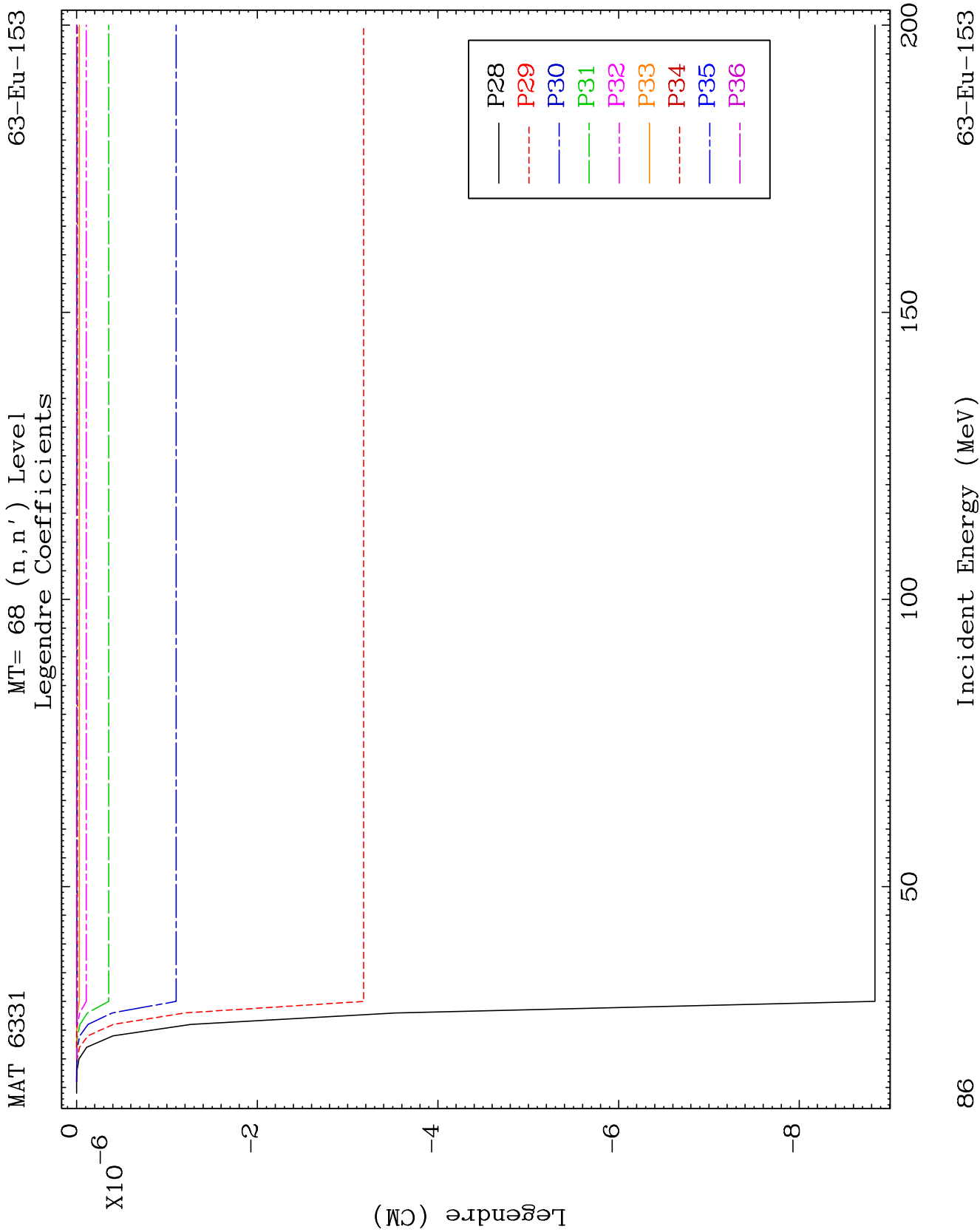
MAT 6331

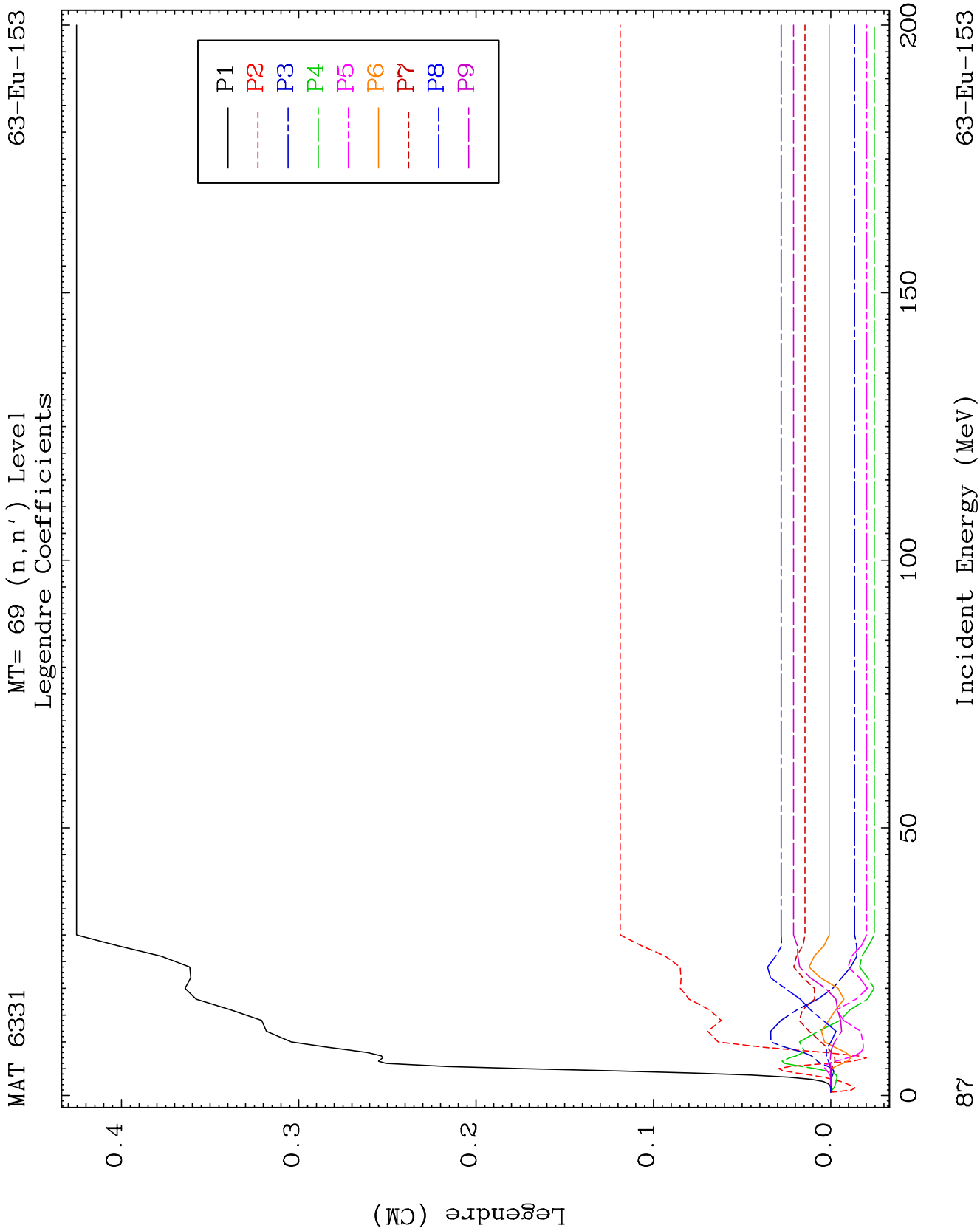
MT= 68 (n, n') Level
Legendre Coefficients

63-Eu-153





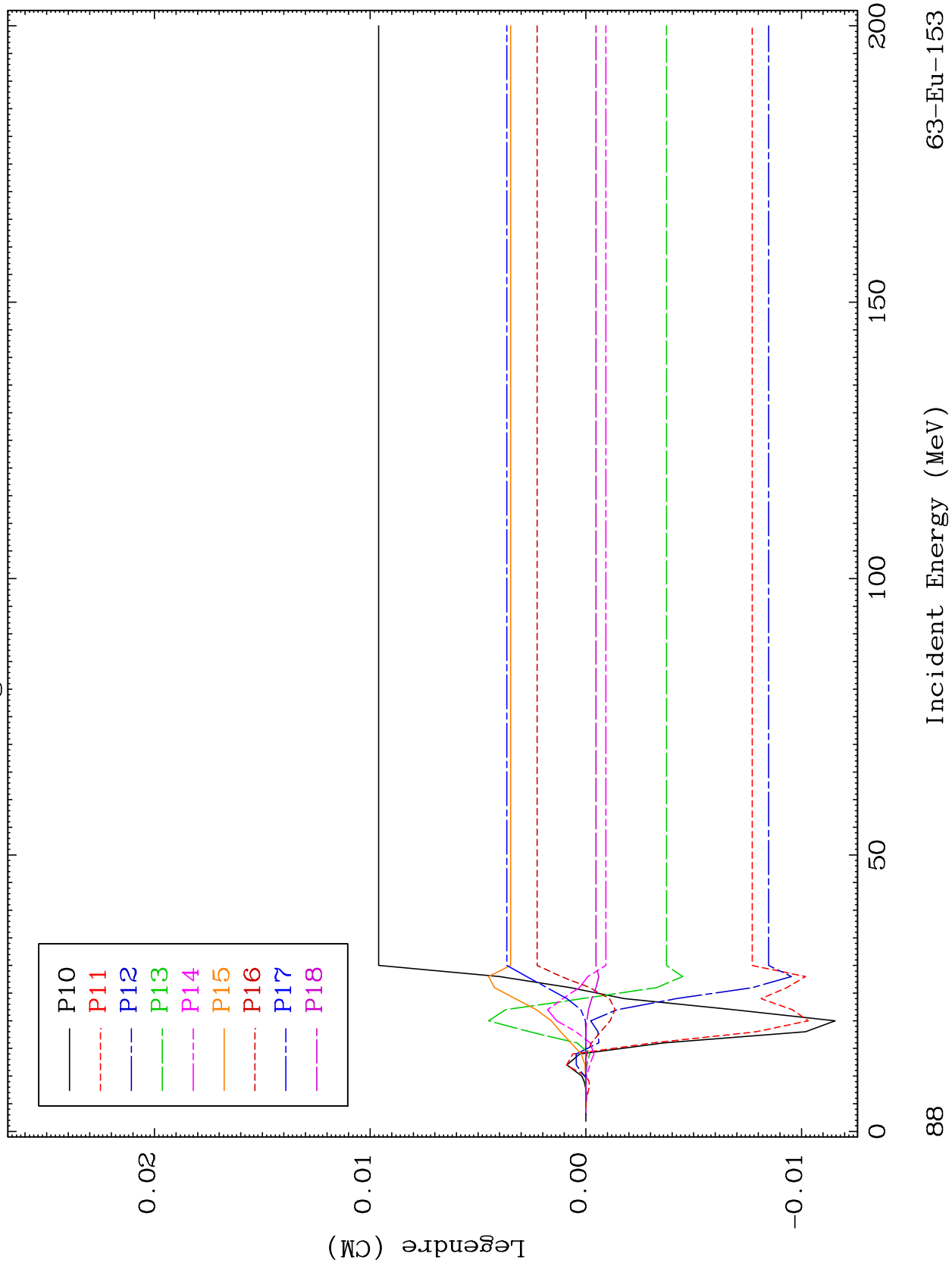




MAT 6331

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

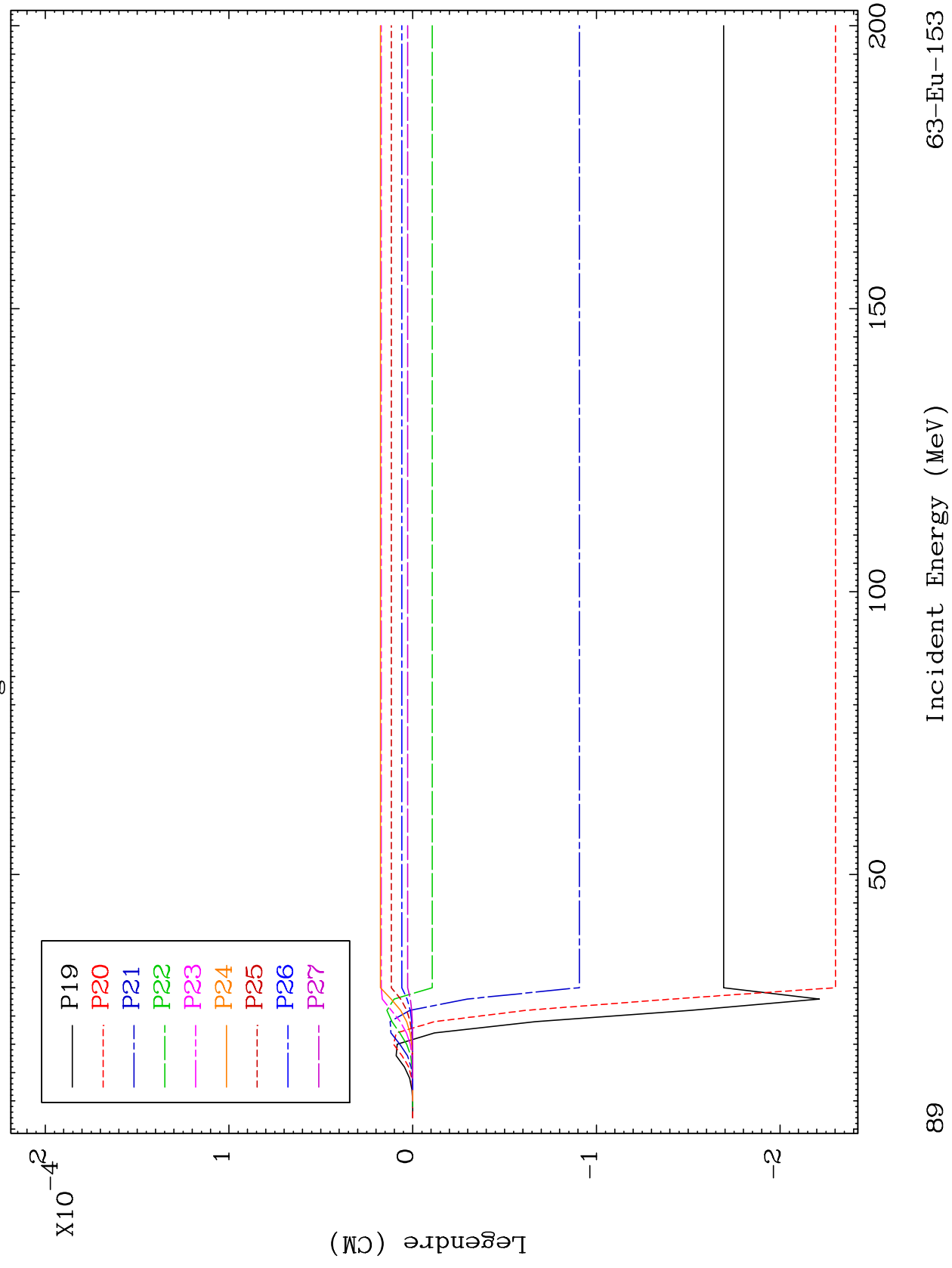
63-Eu-153

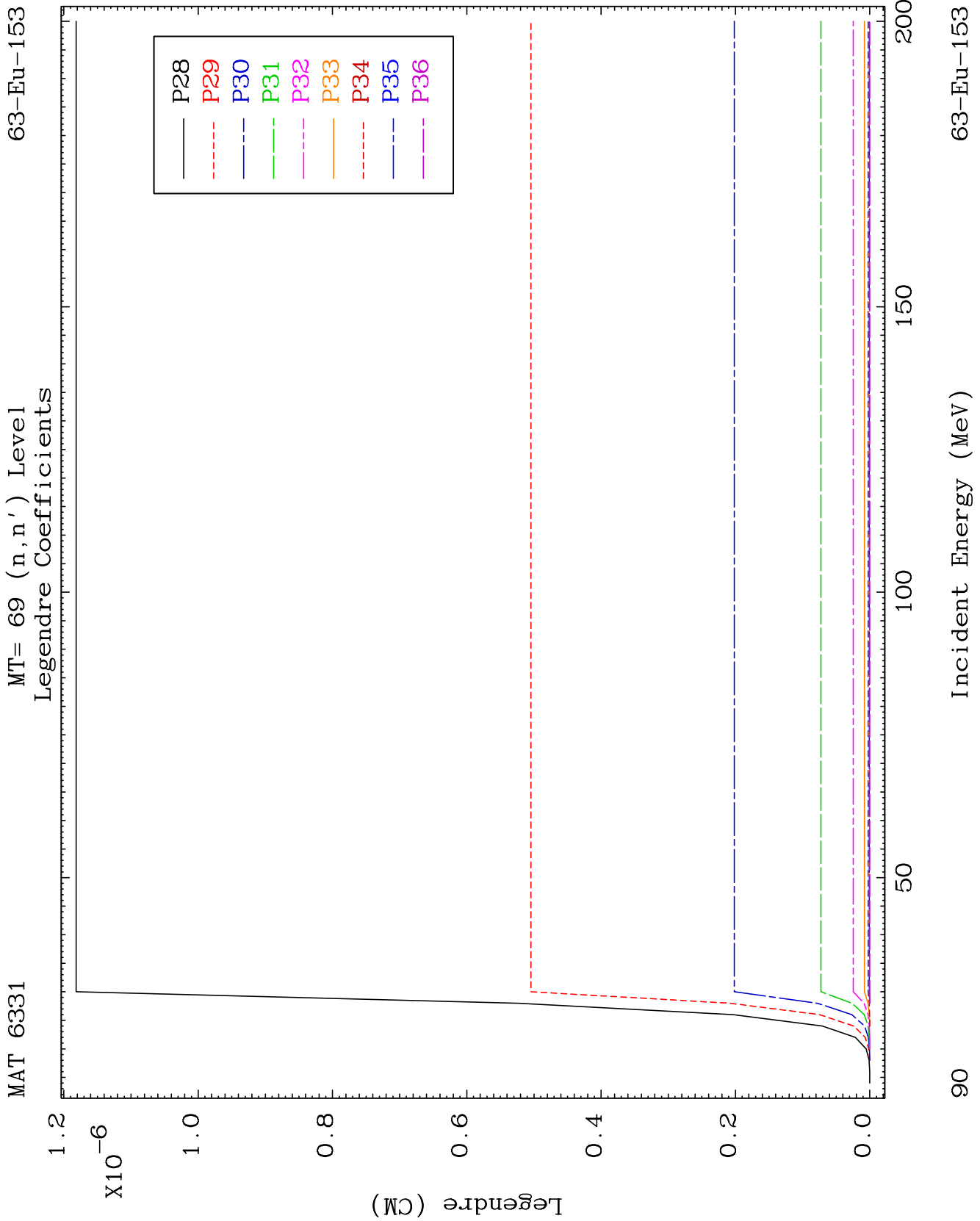


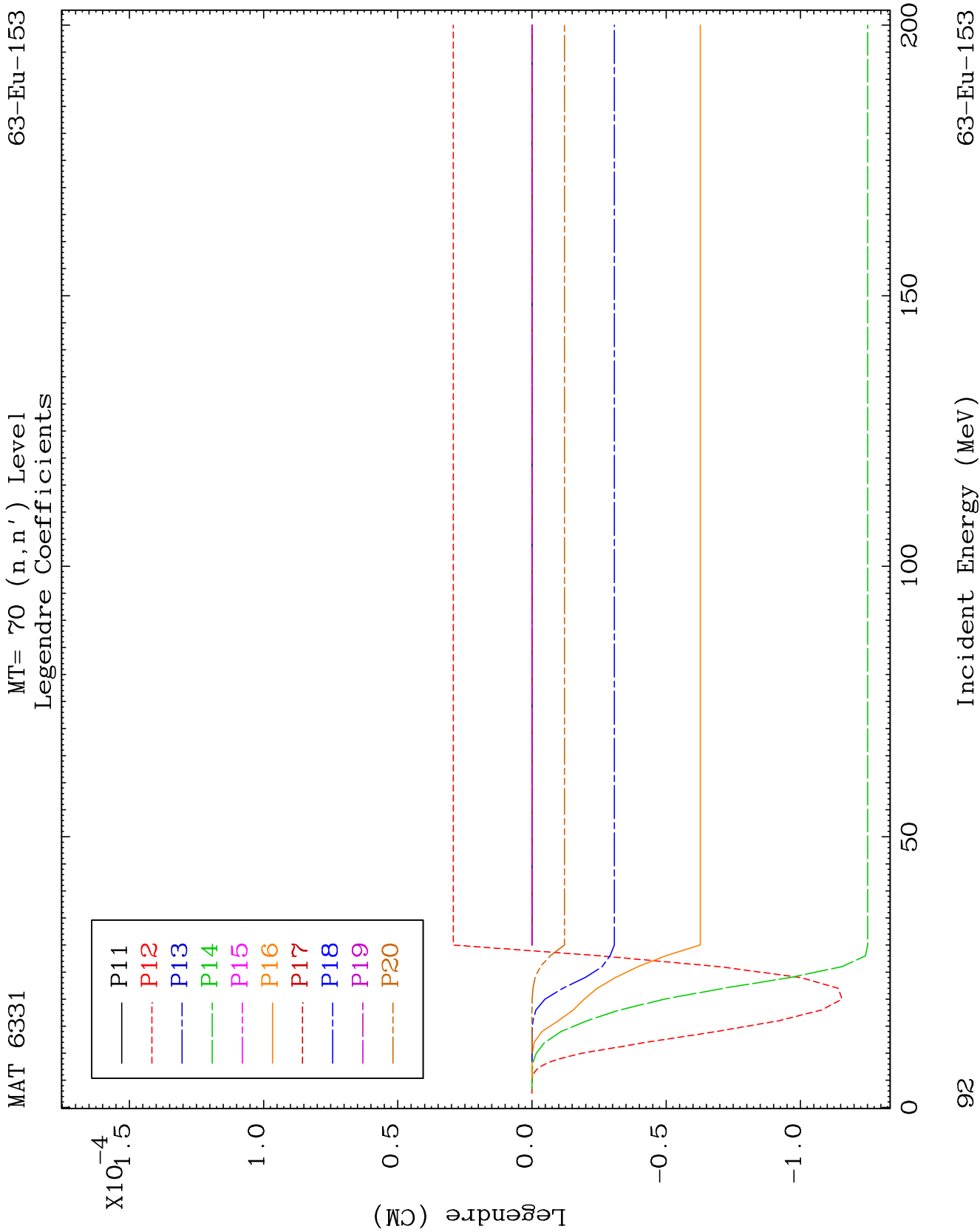
MAT 6331

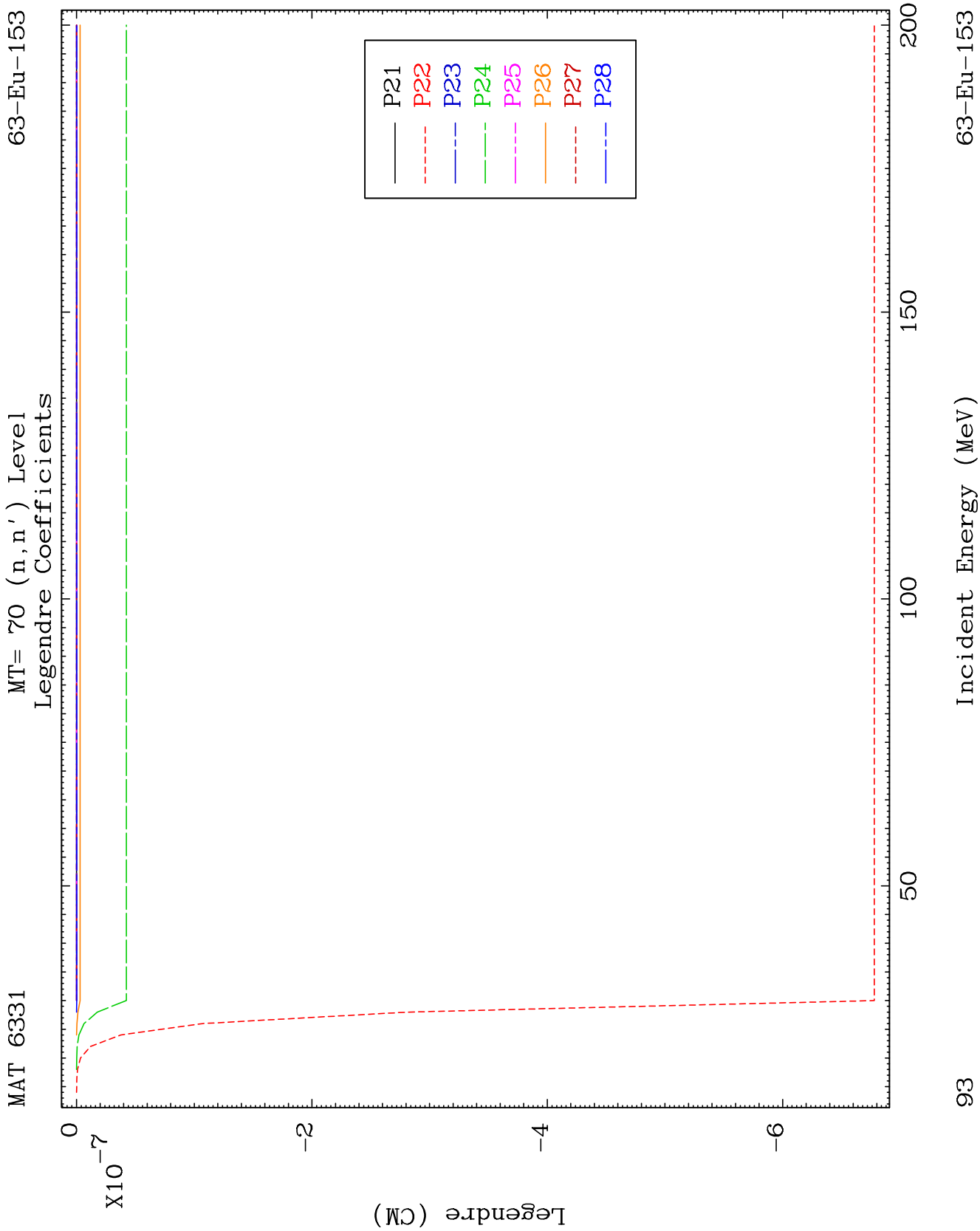
MT= 69 (n, n') Level
Legendre Coefficients

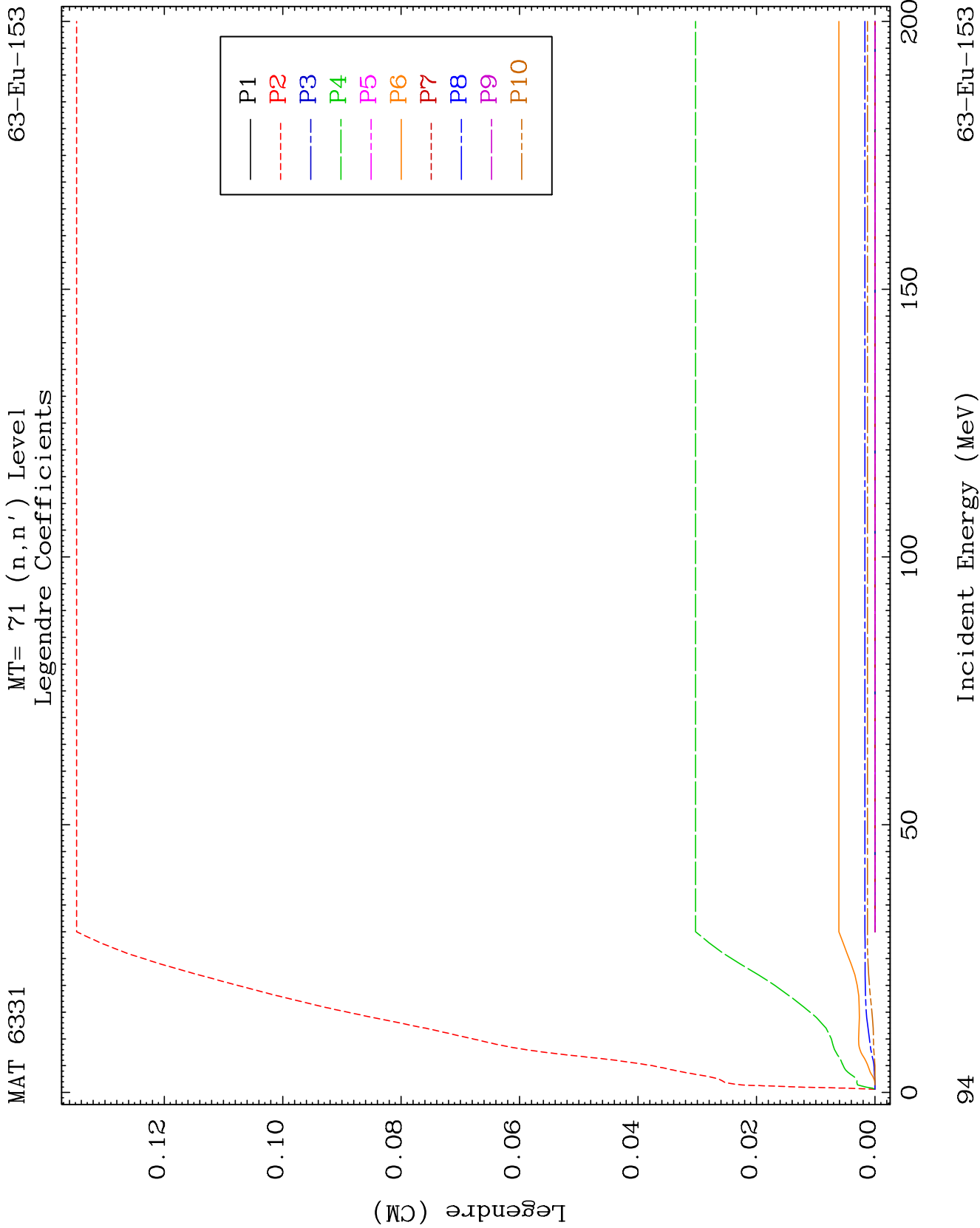
63-Eu-153

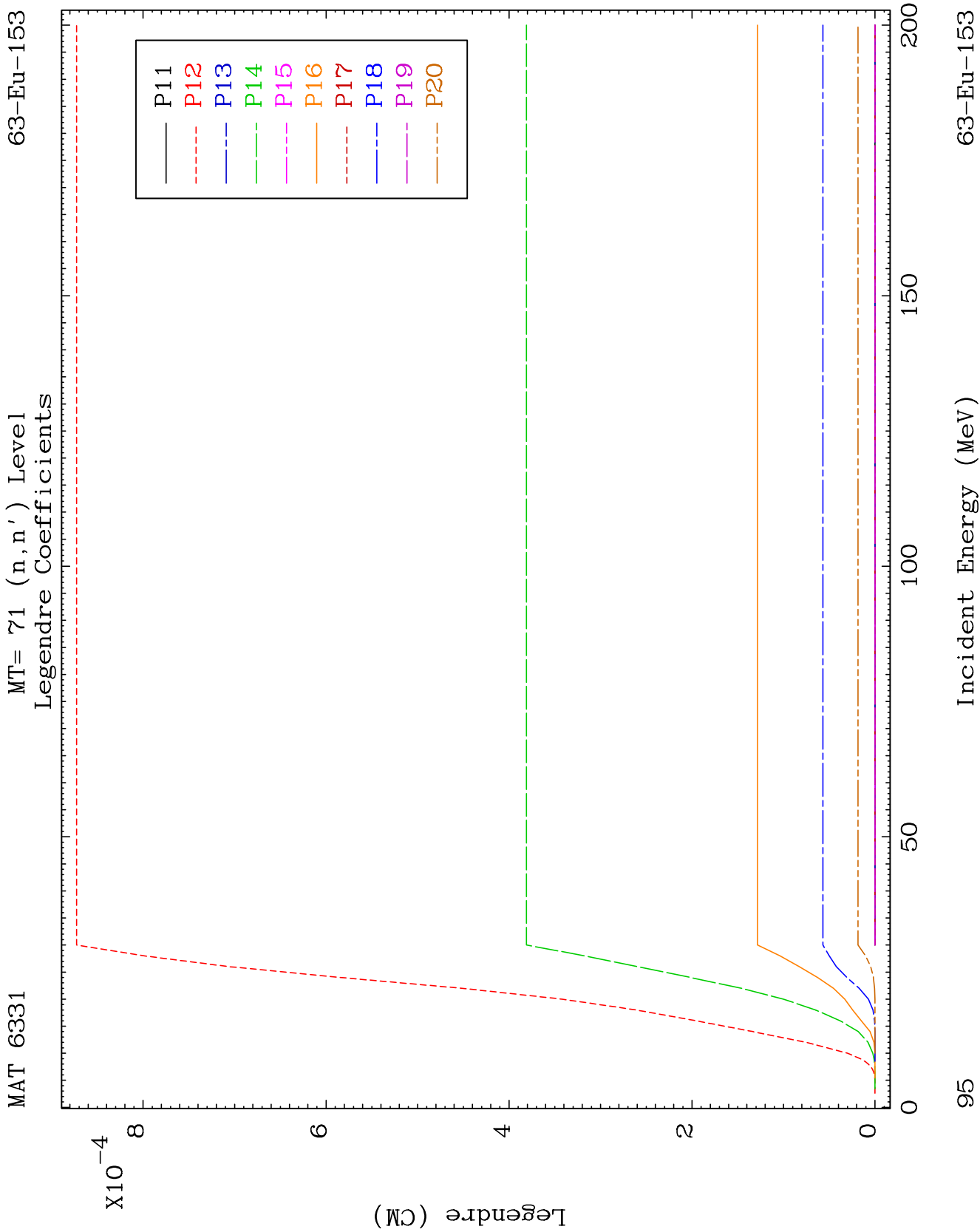


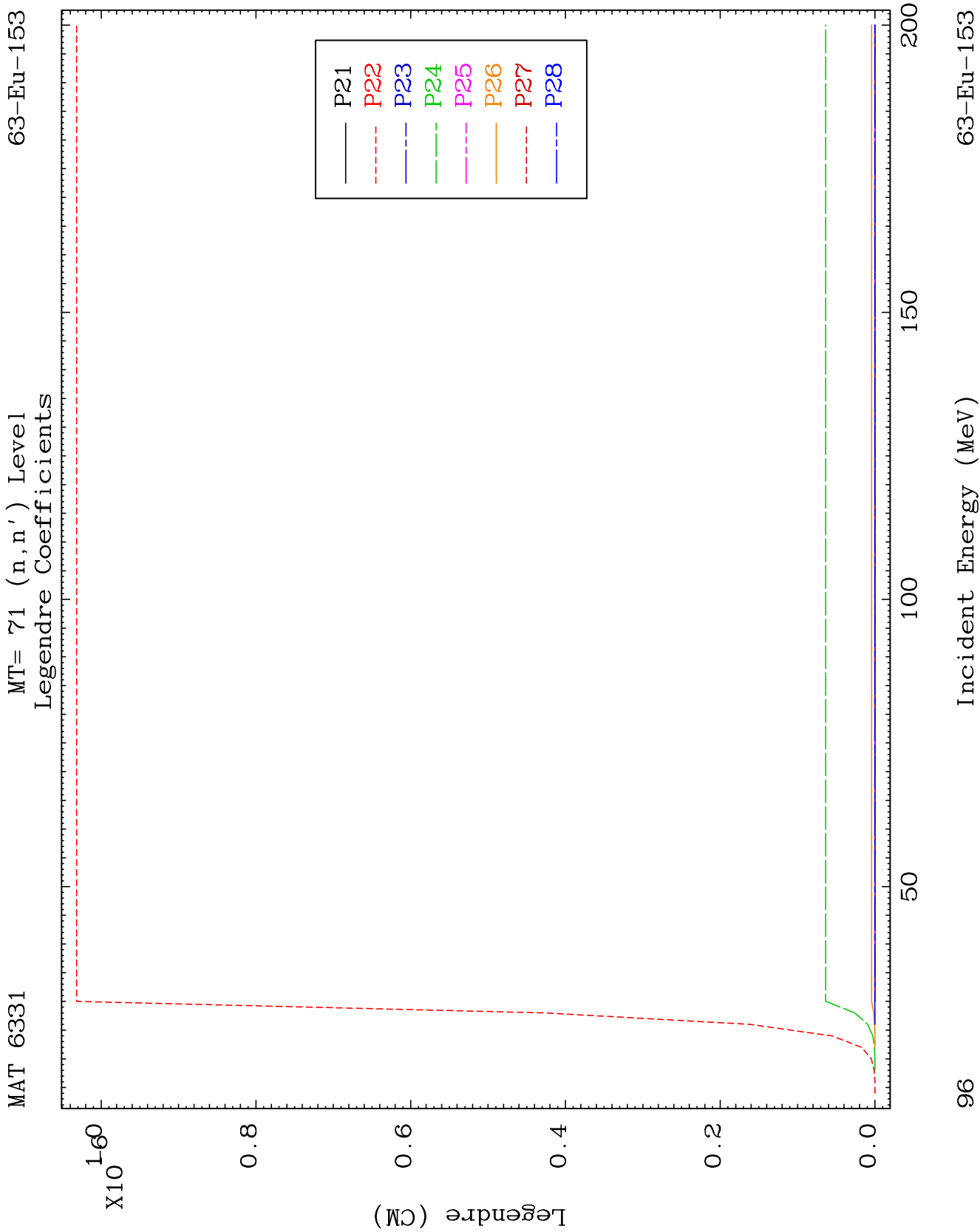








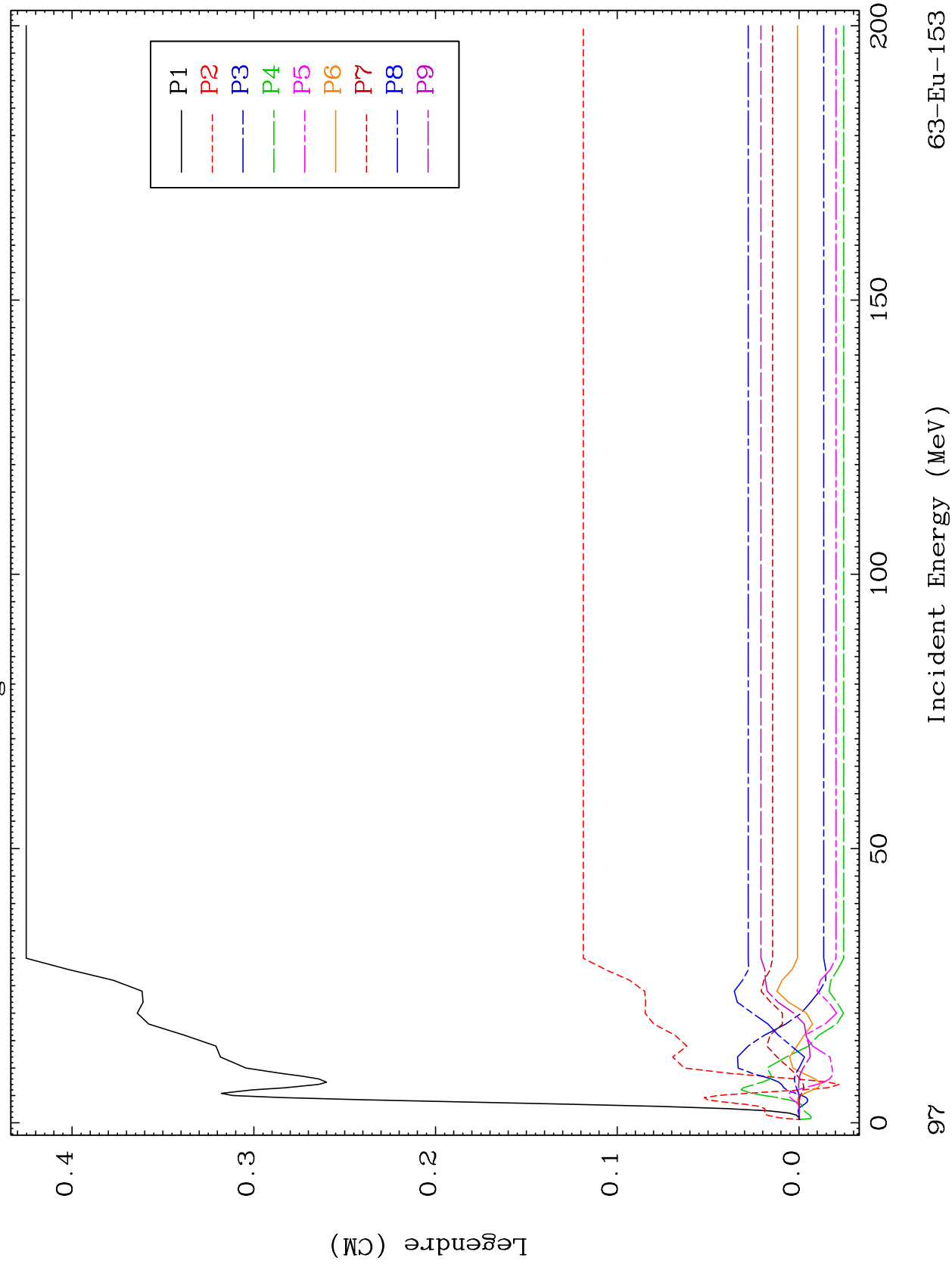




MAT 6331

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

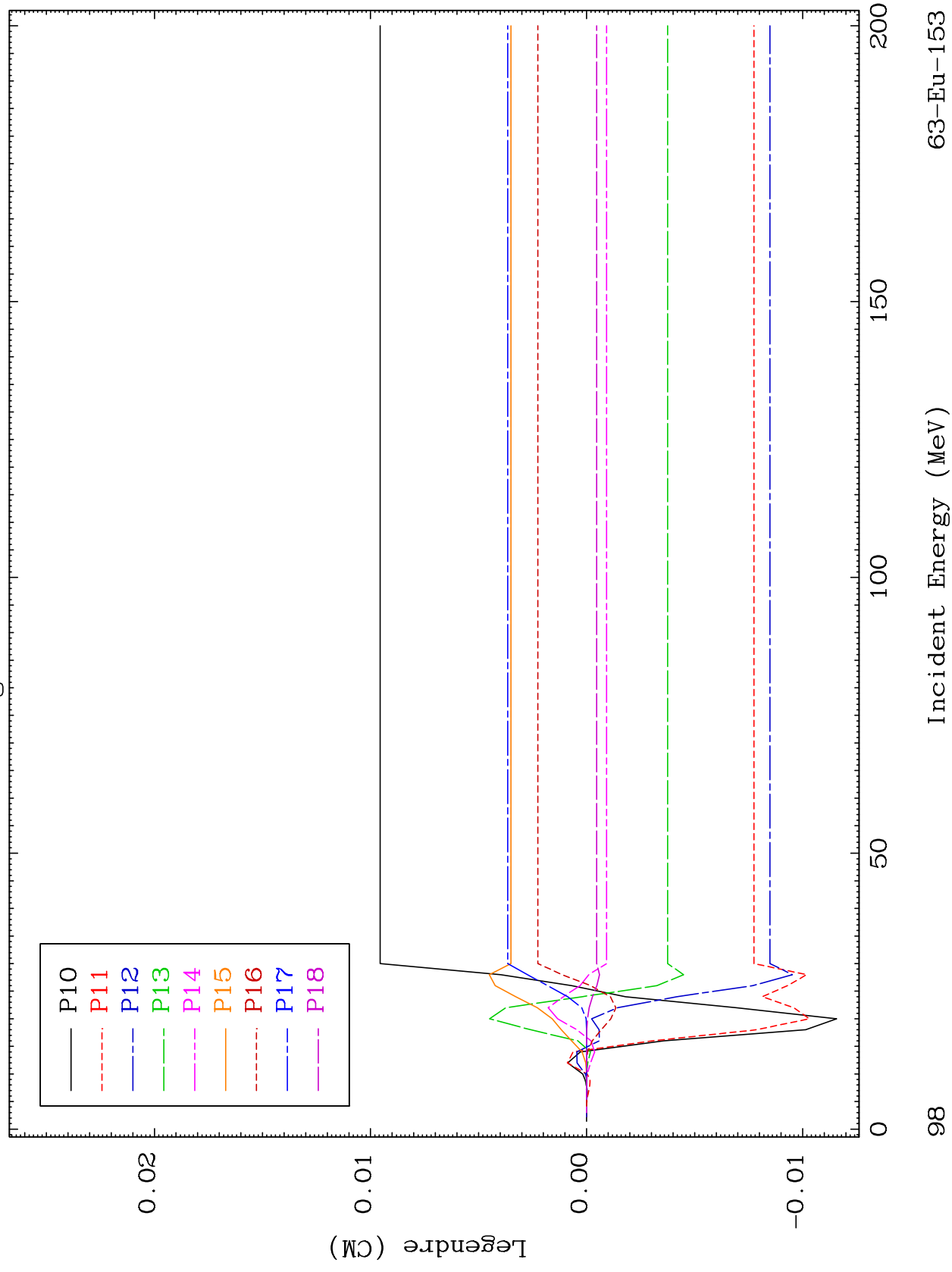
63-Eu-153

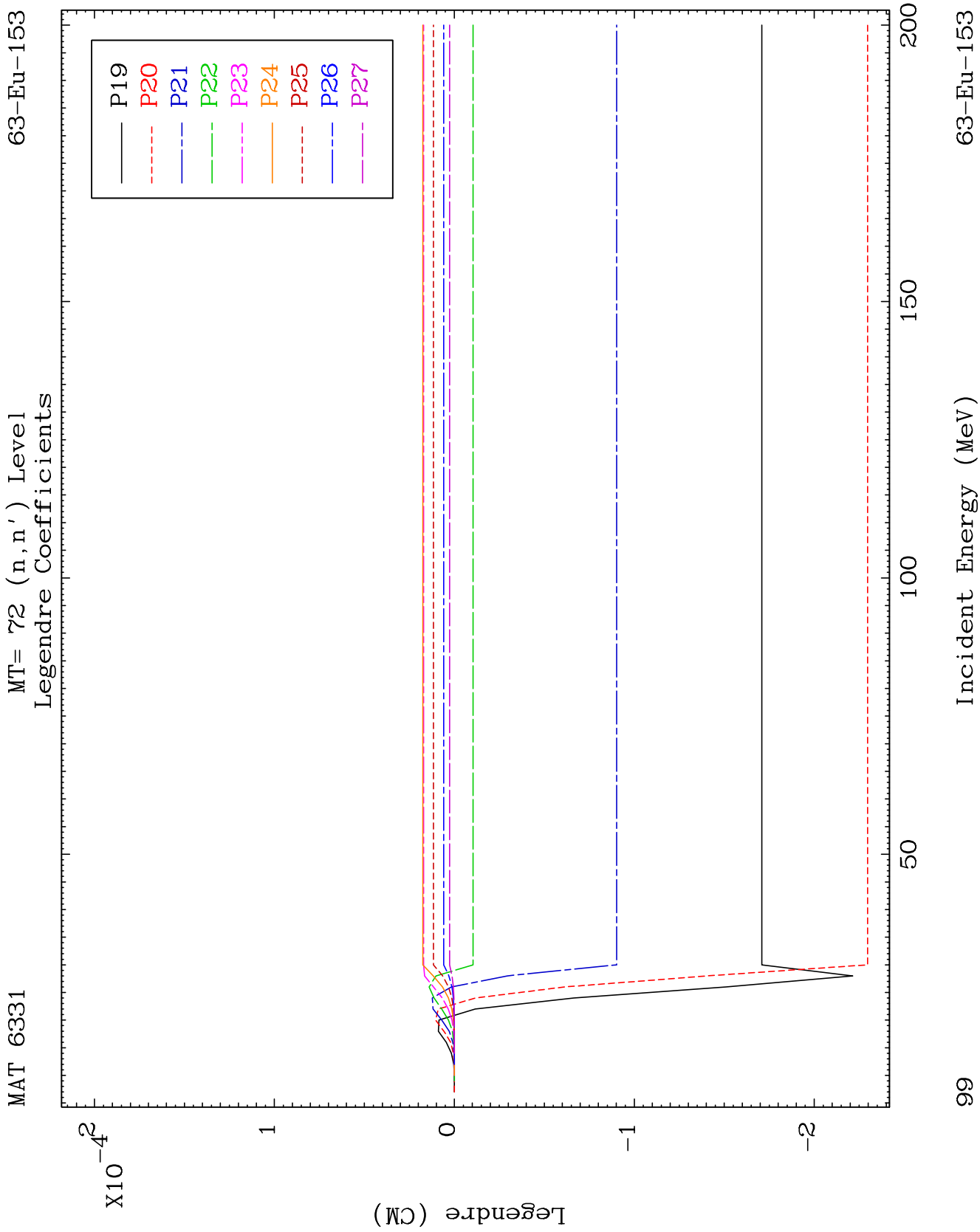


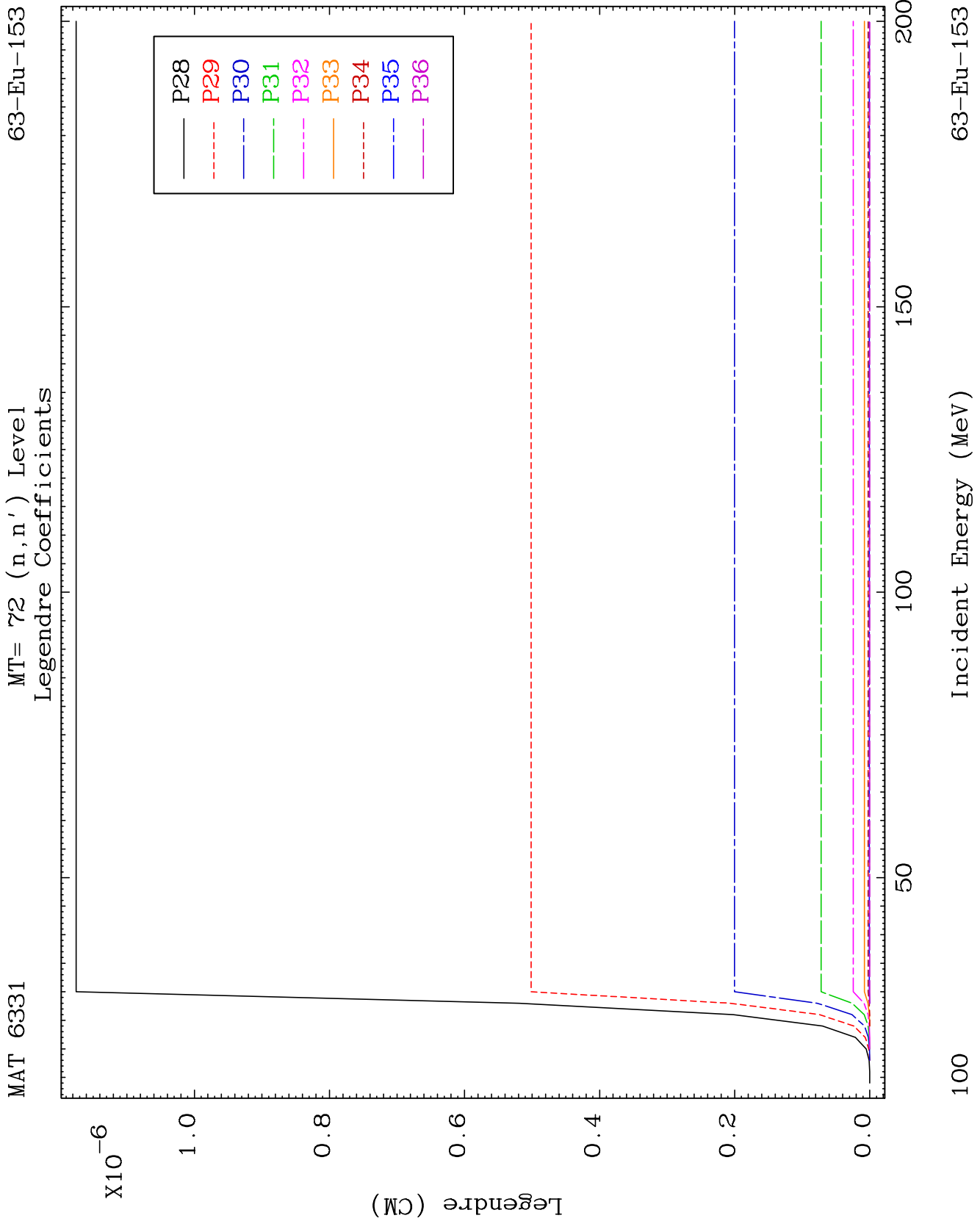
MAT 6331

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

63-Eu-153



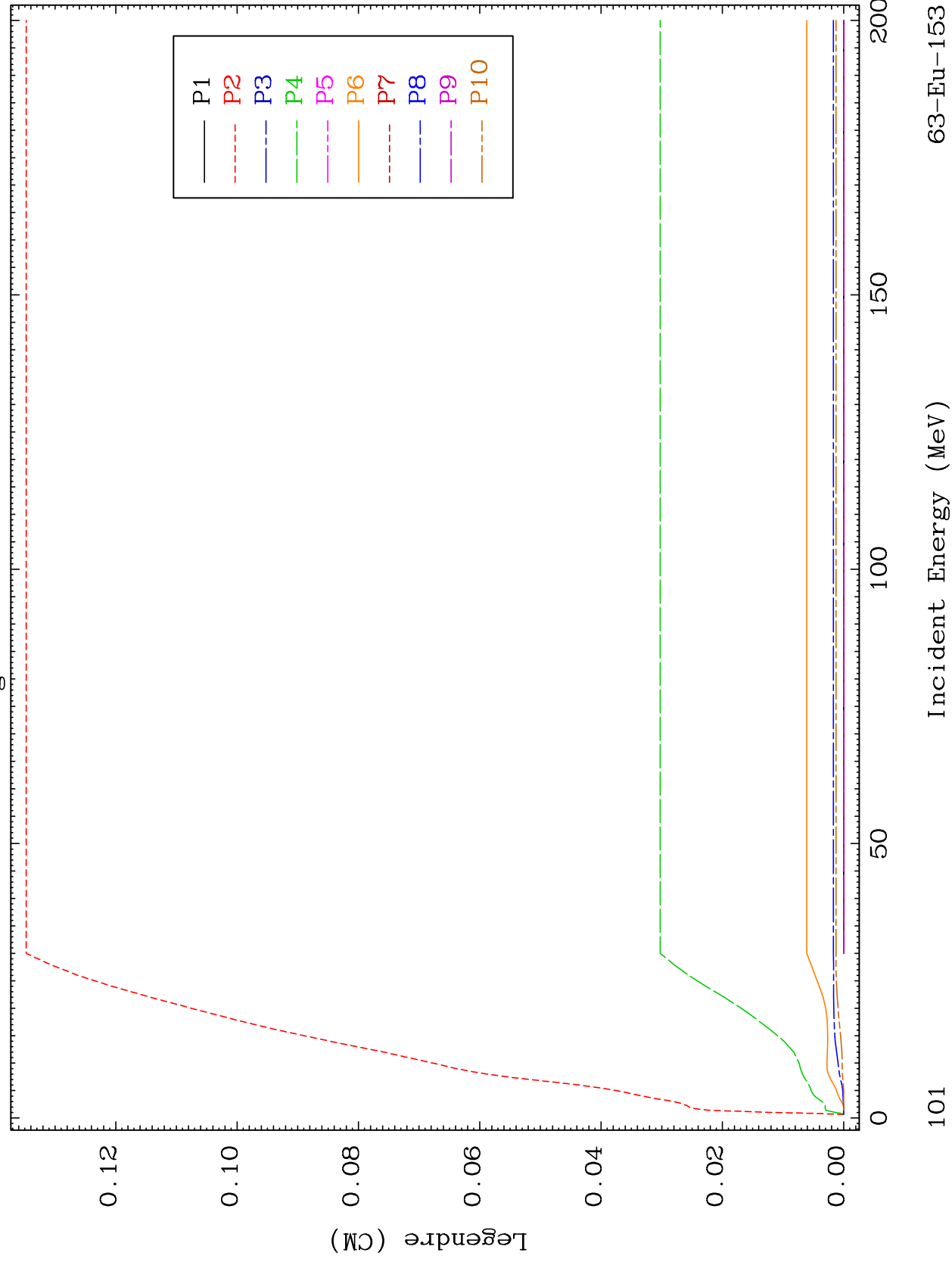


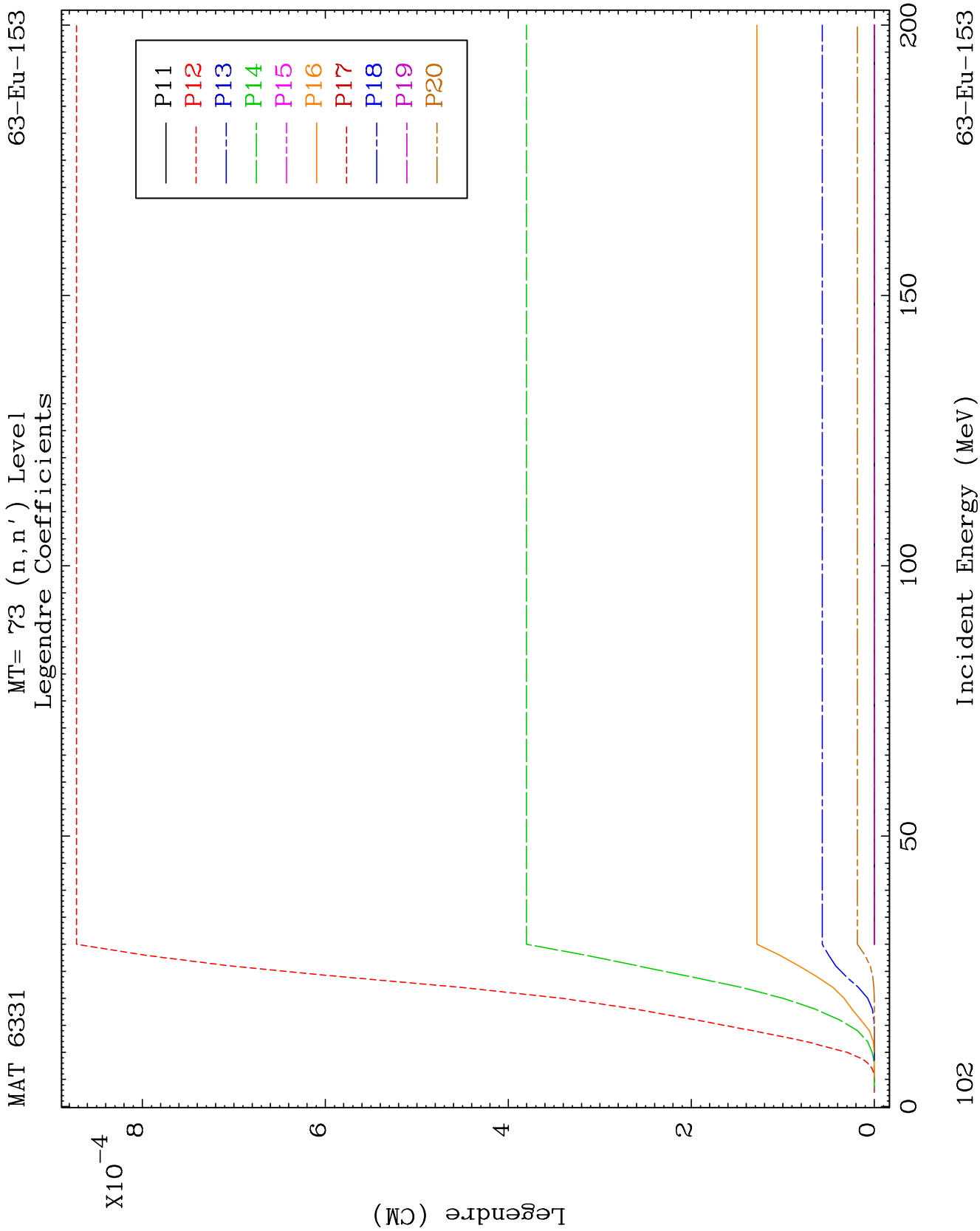


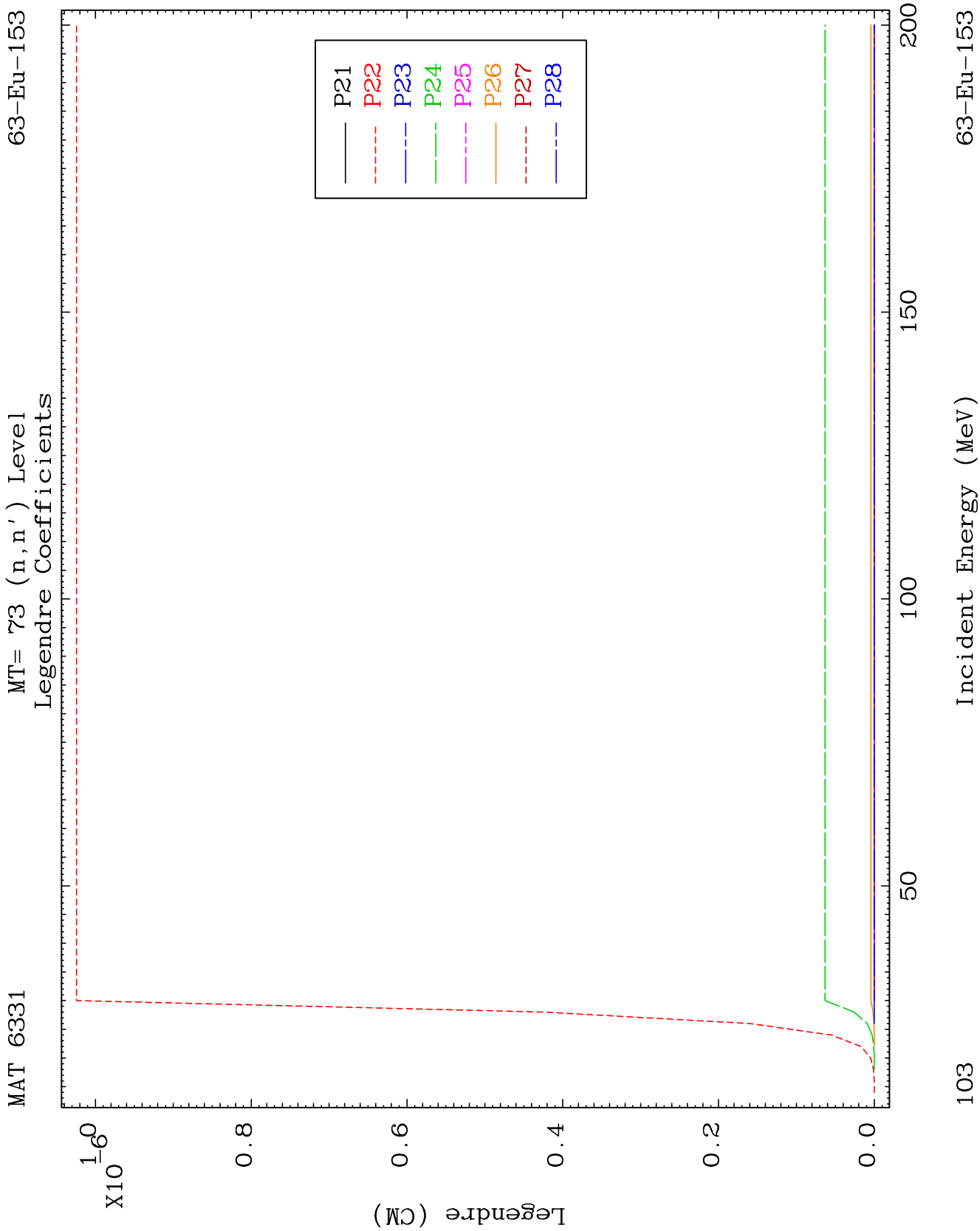
MAT 6331

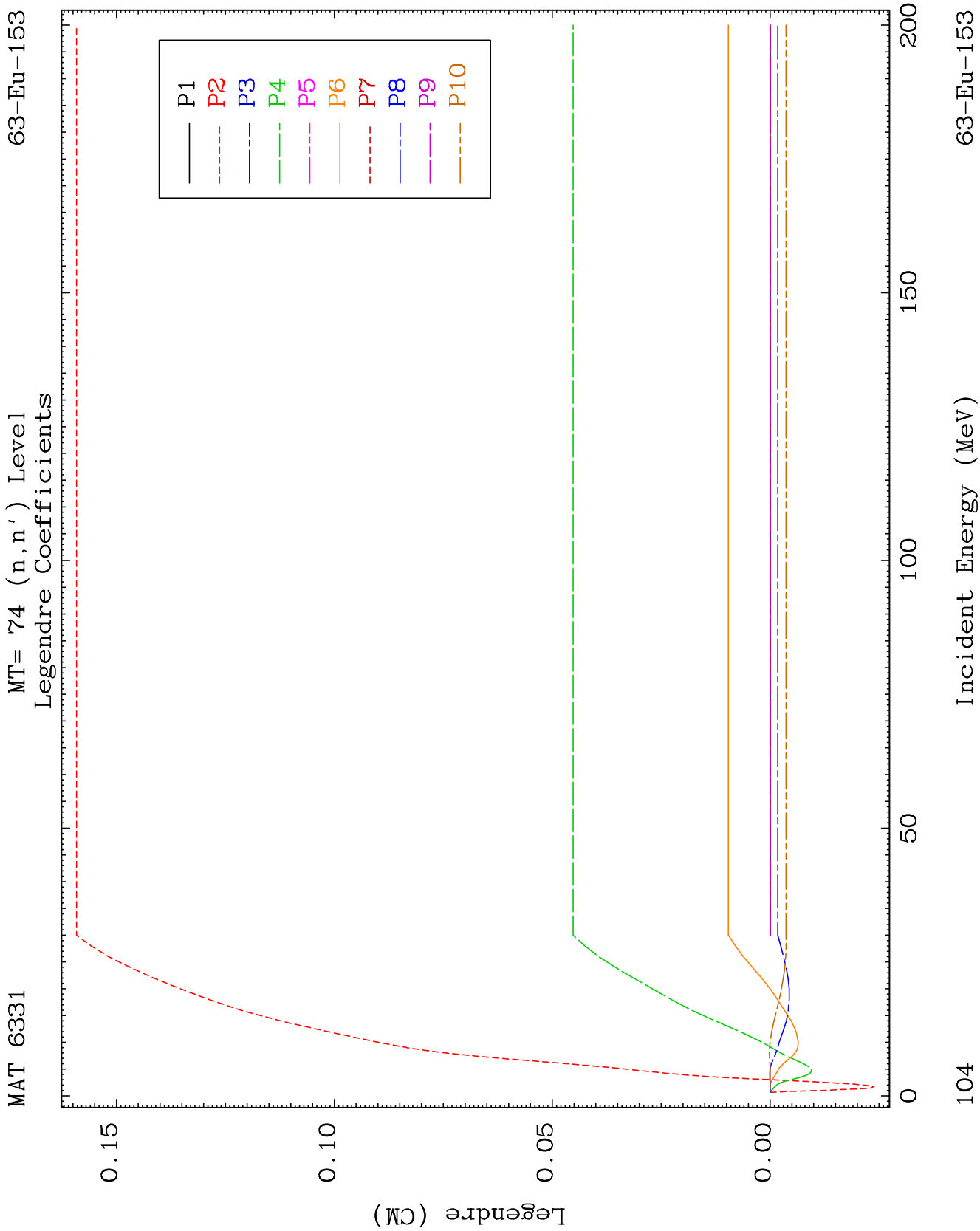
MT= 73 (n, n') Level
Legendre Coefficients

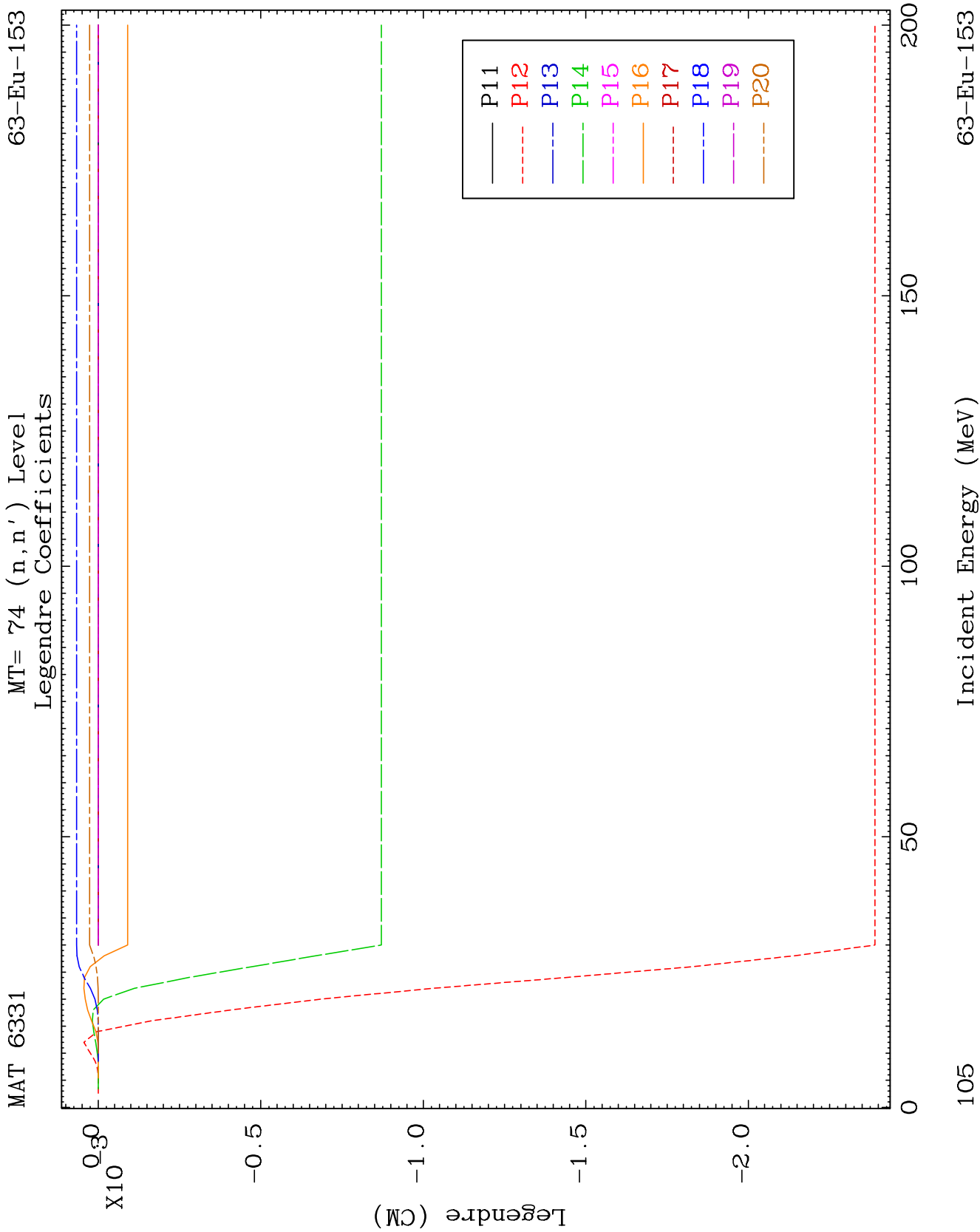
63-Eu-153

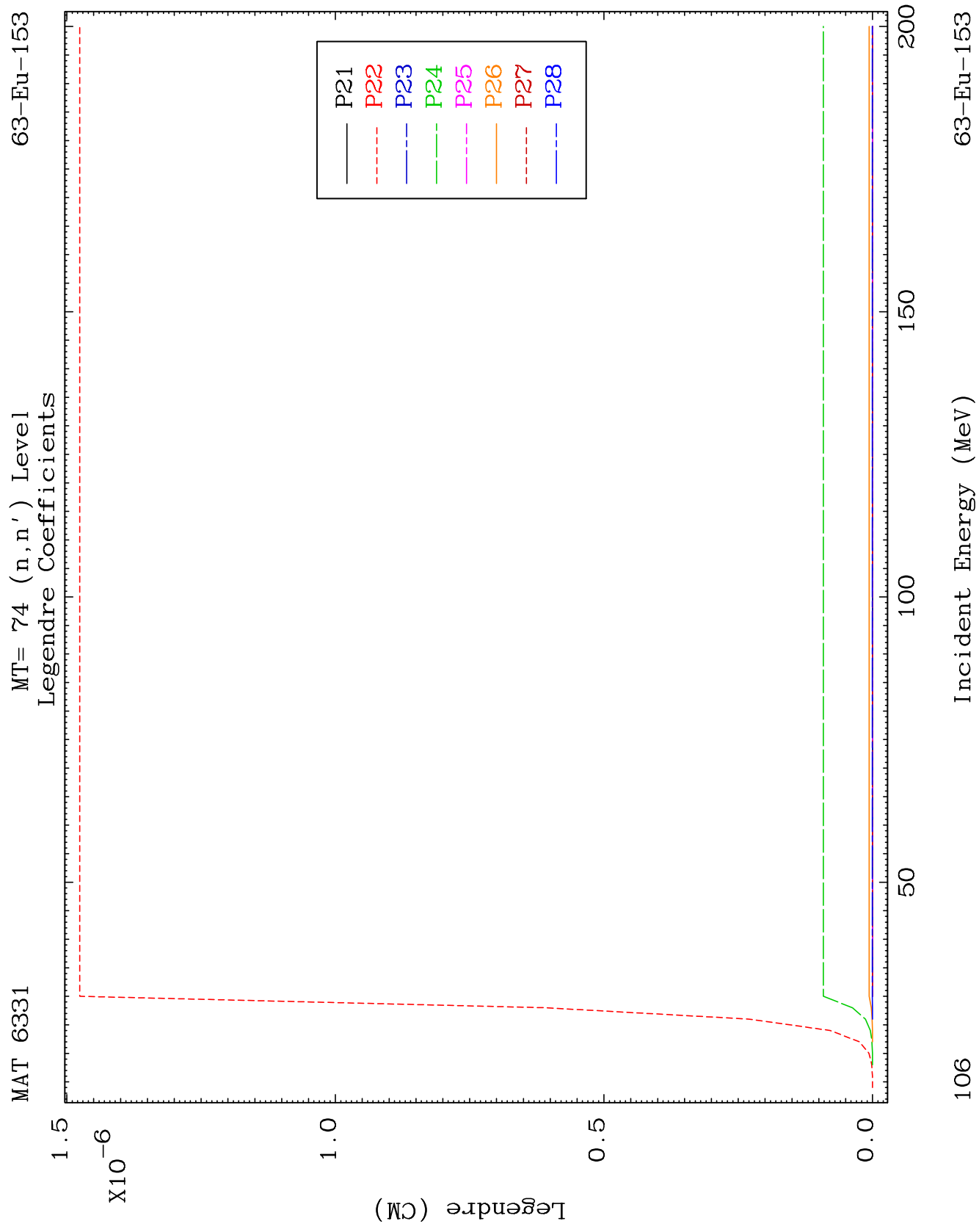


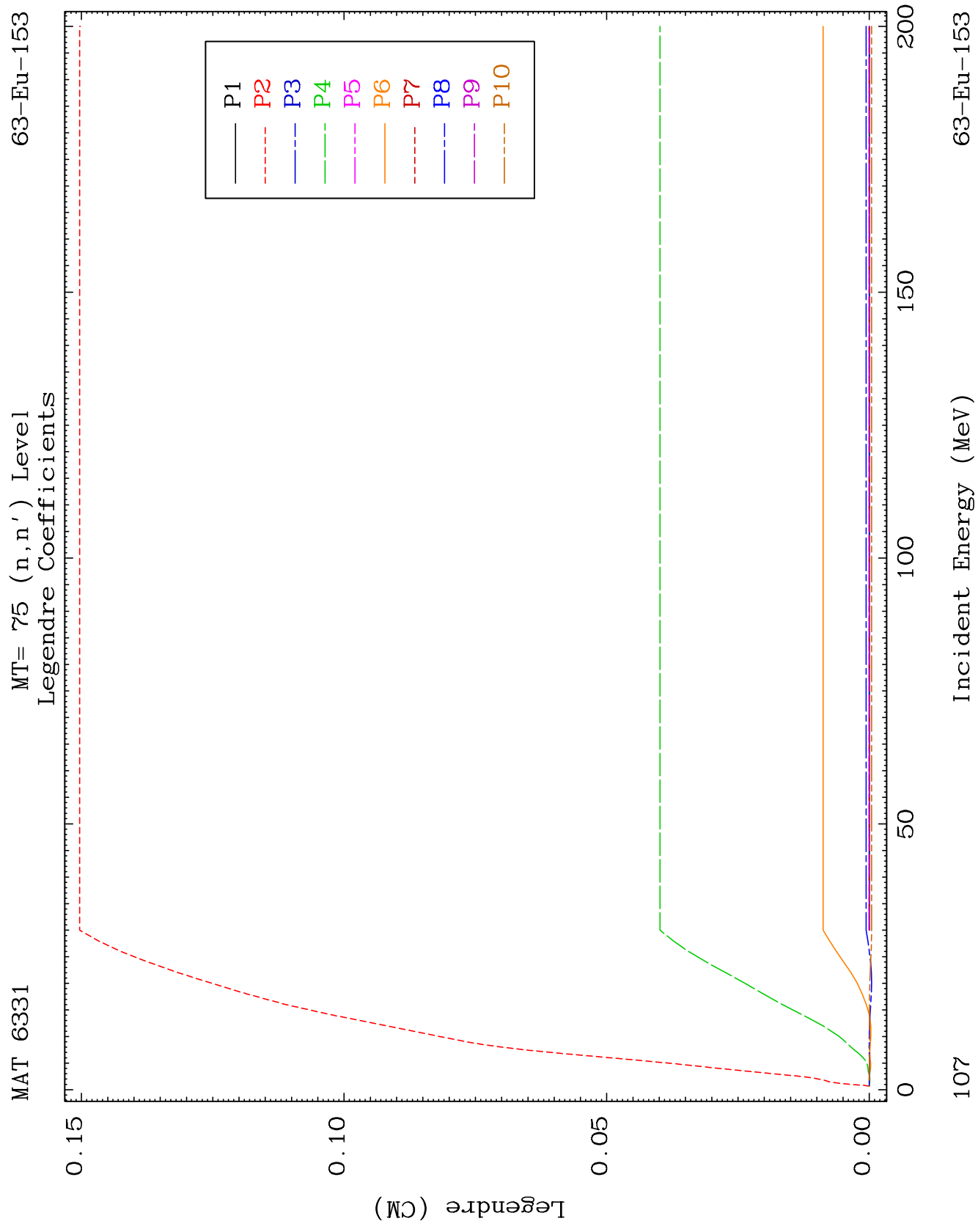








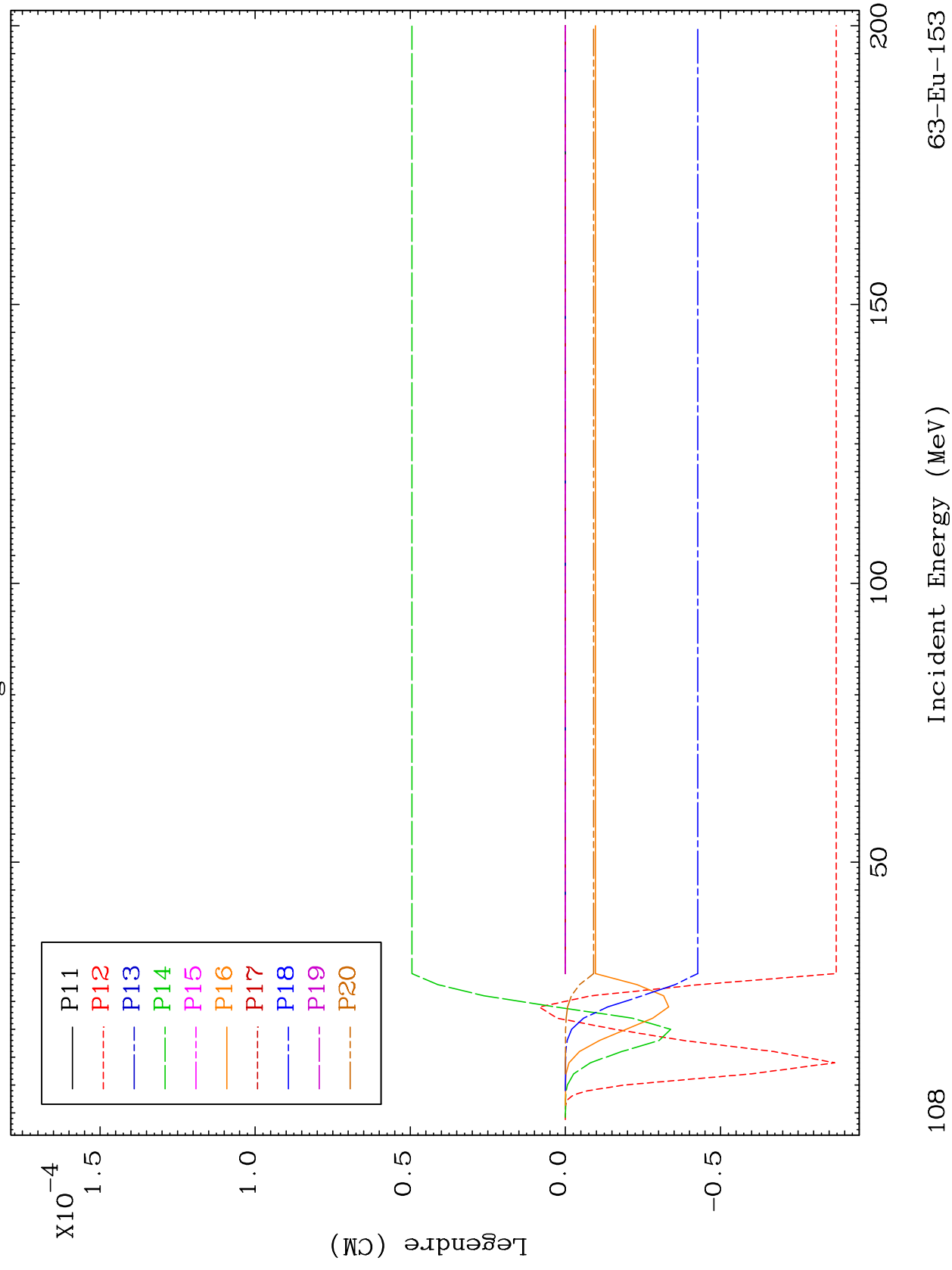


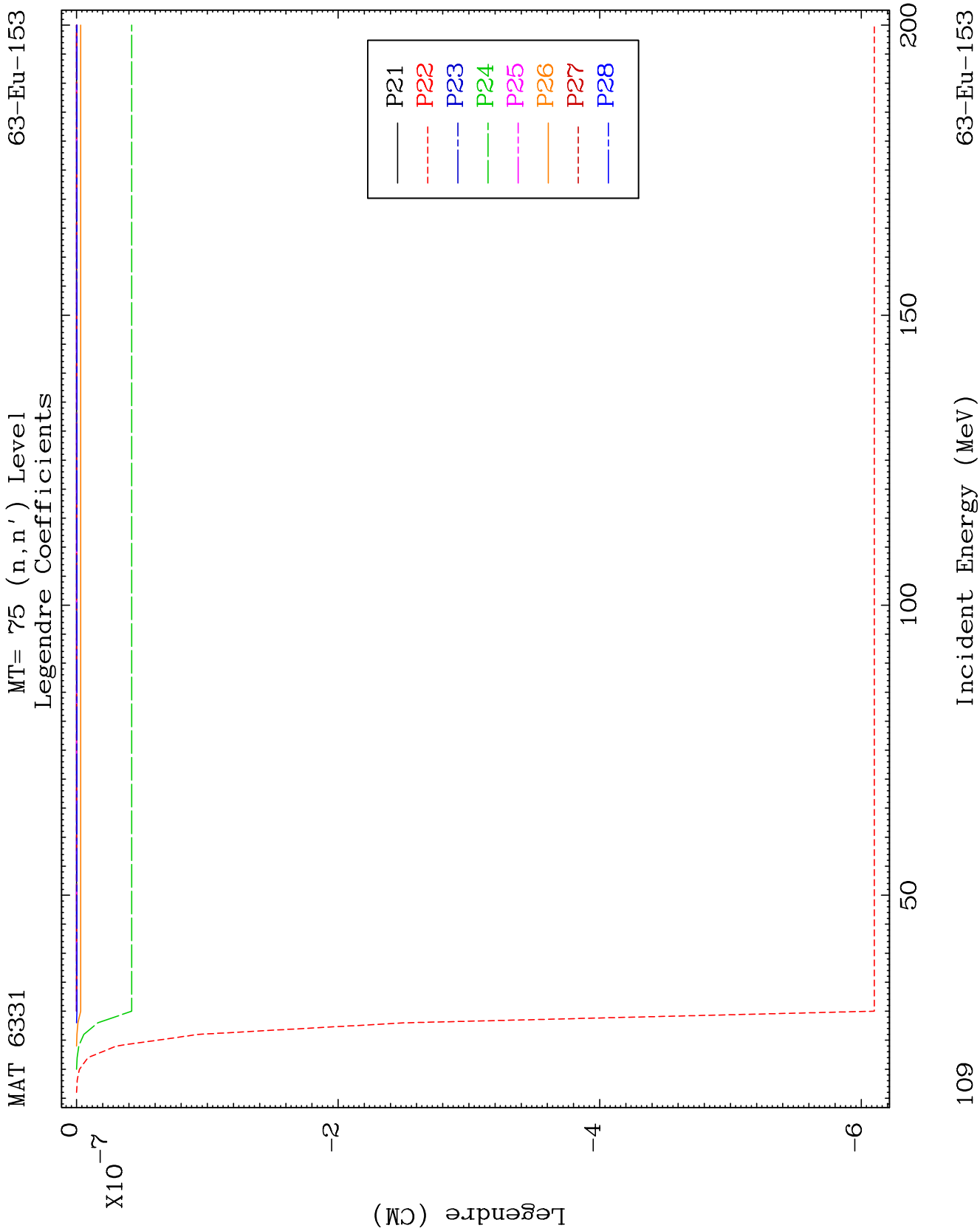


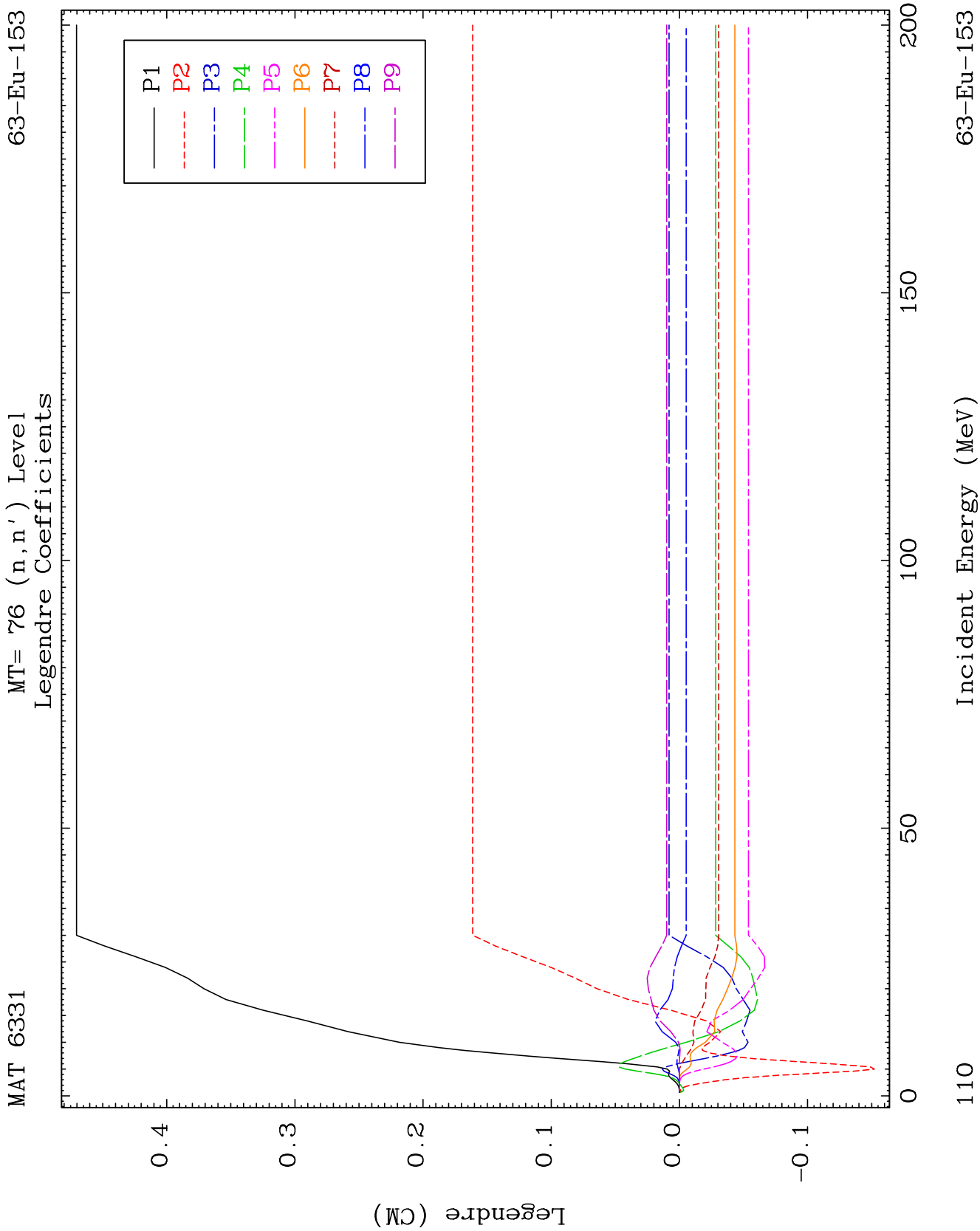
MAT 6331

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

63-Eu-153



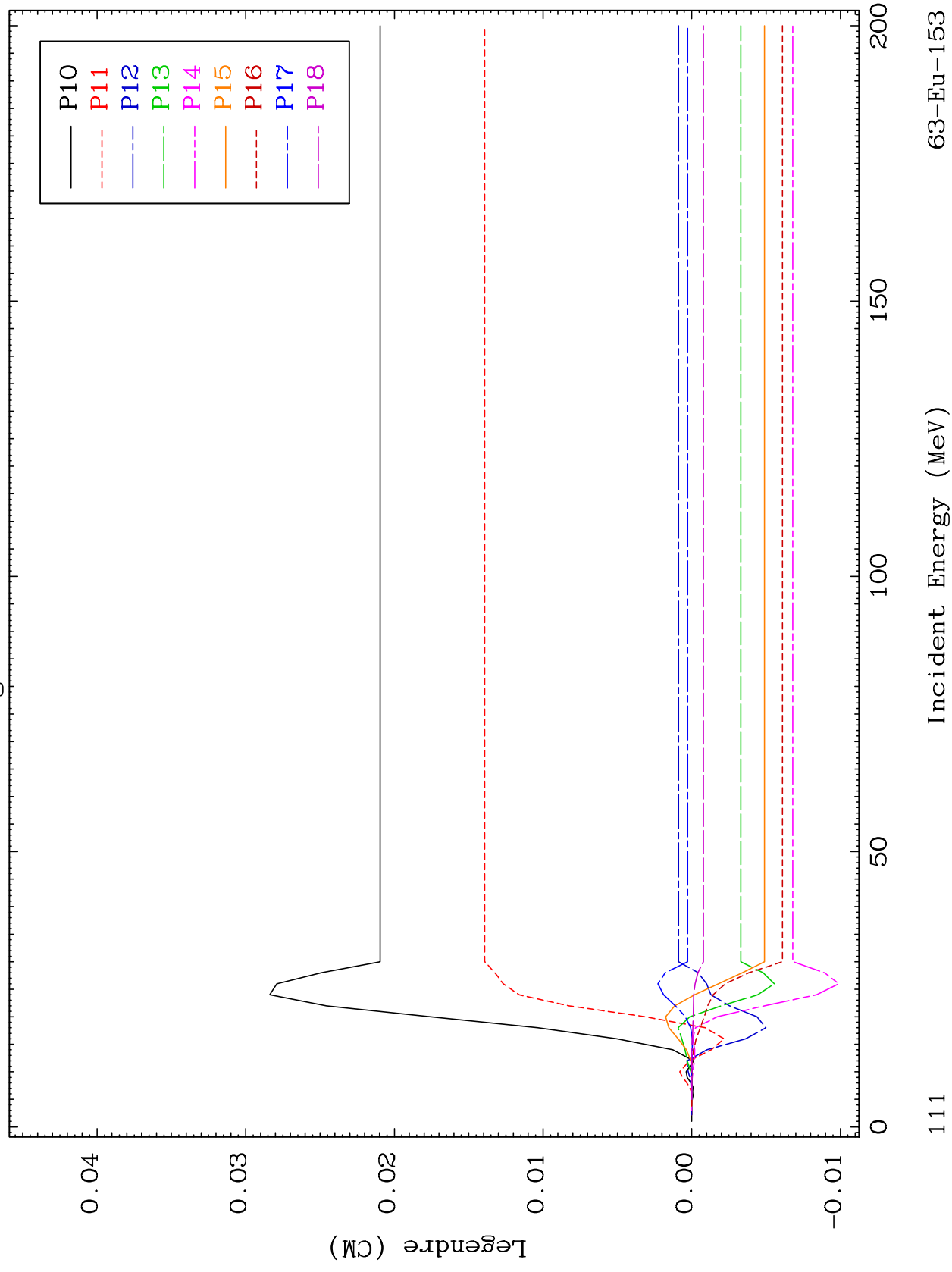


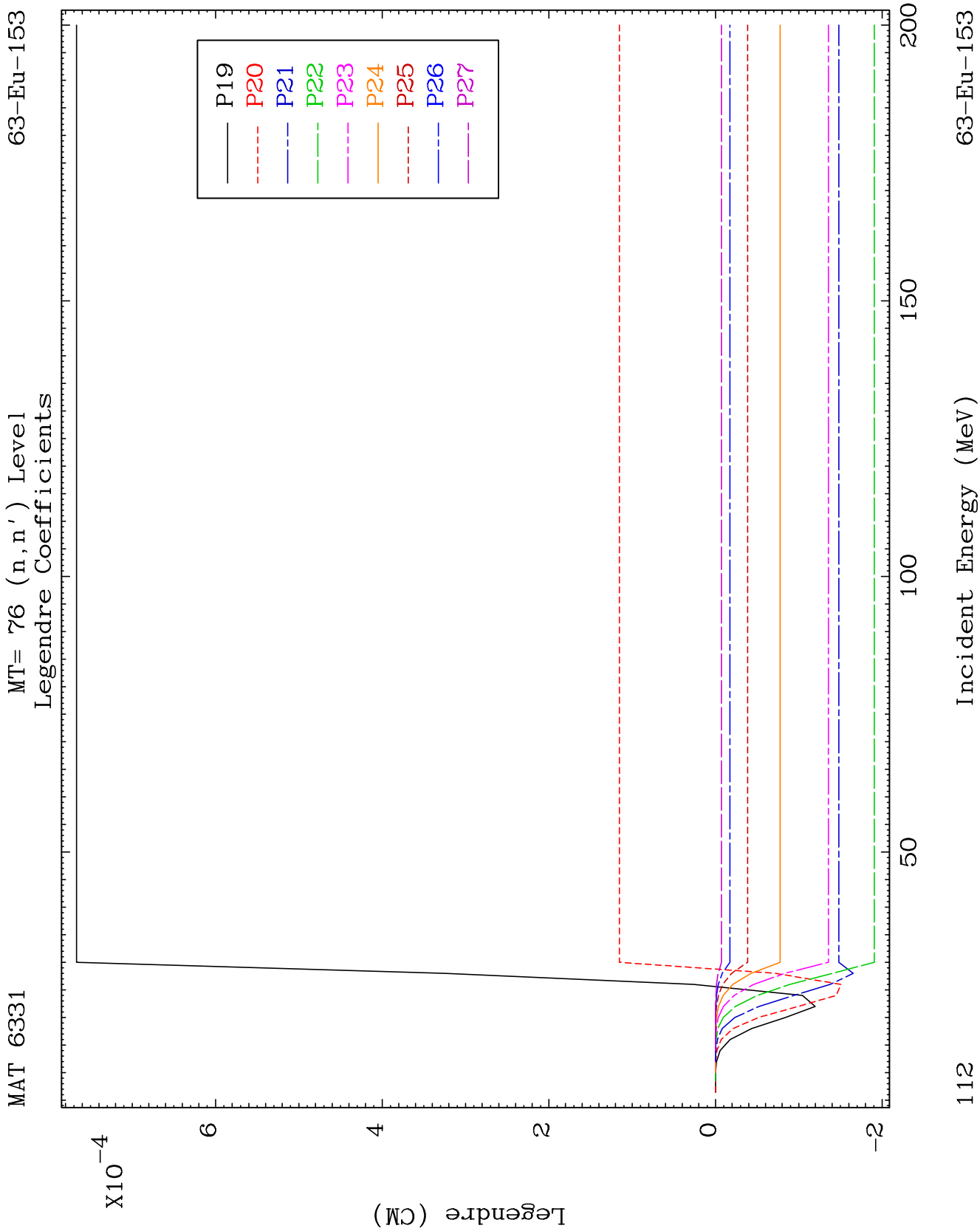


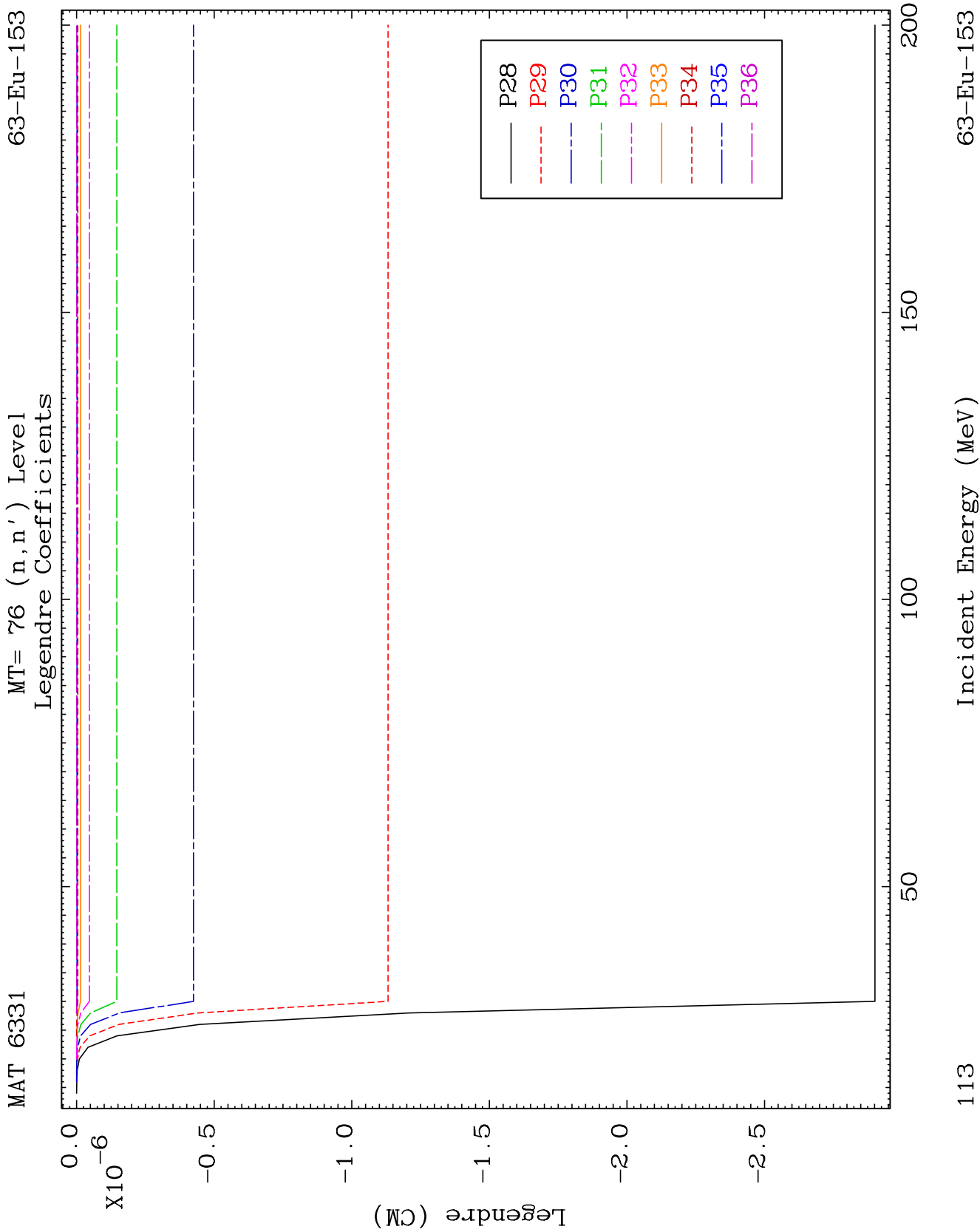
MAT 6331

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

63-Eu-153



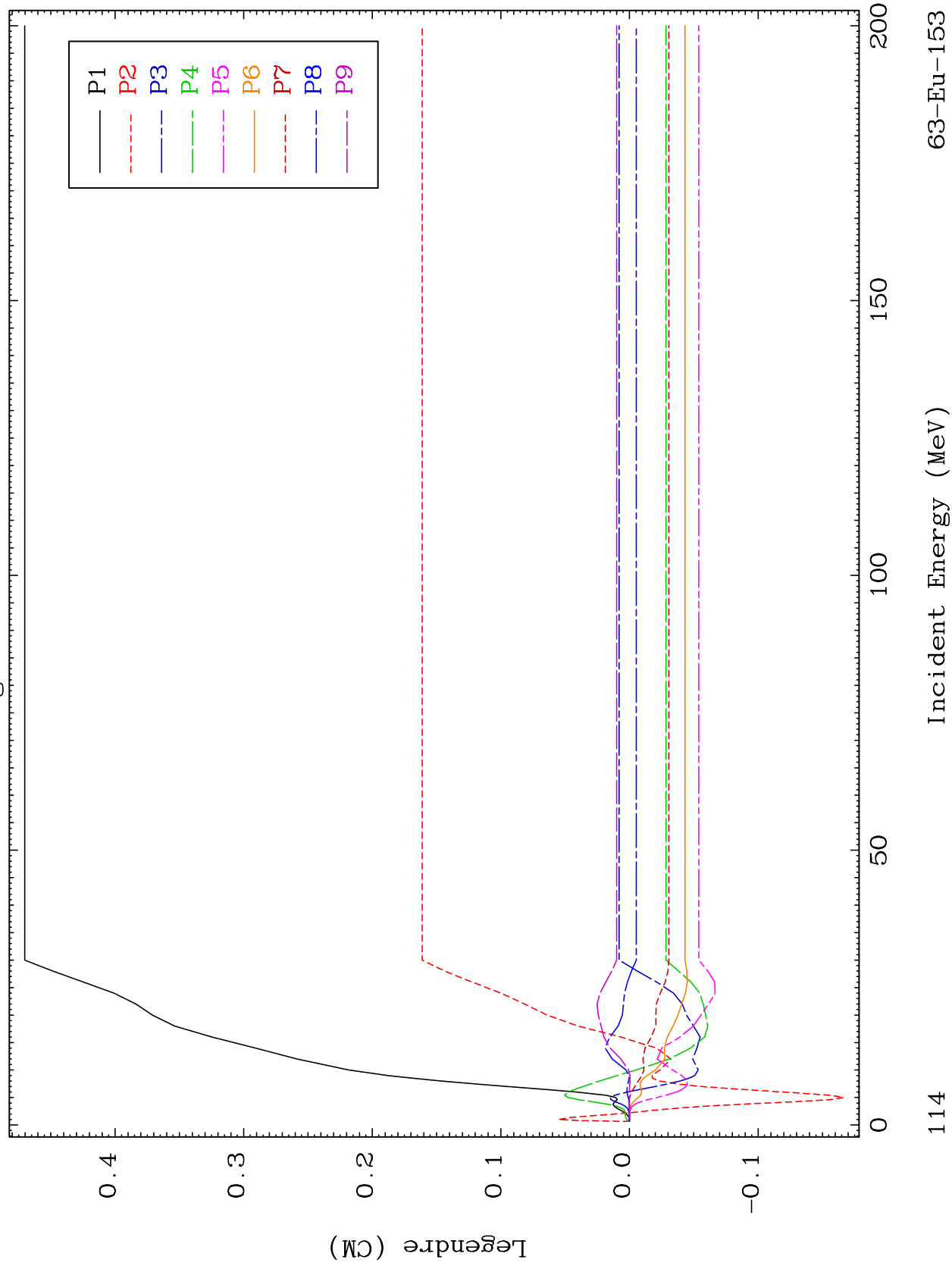




MAT 6331

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

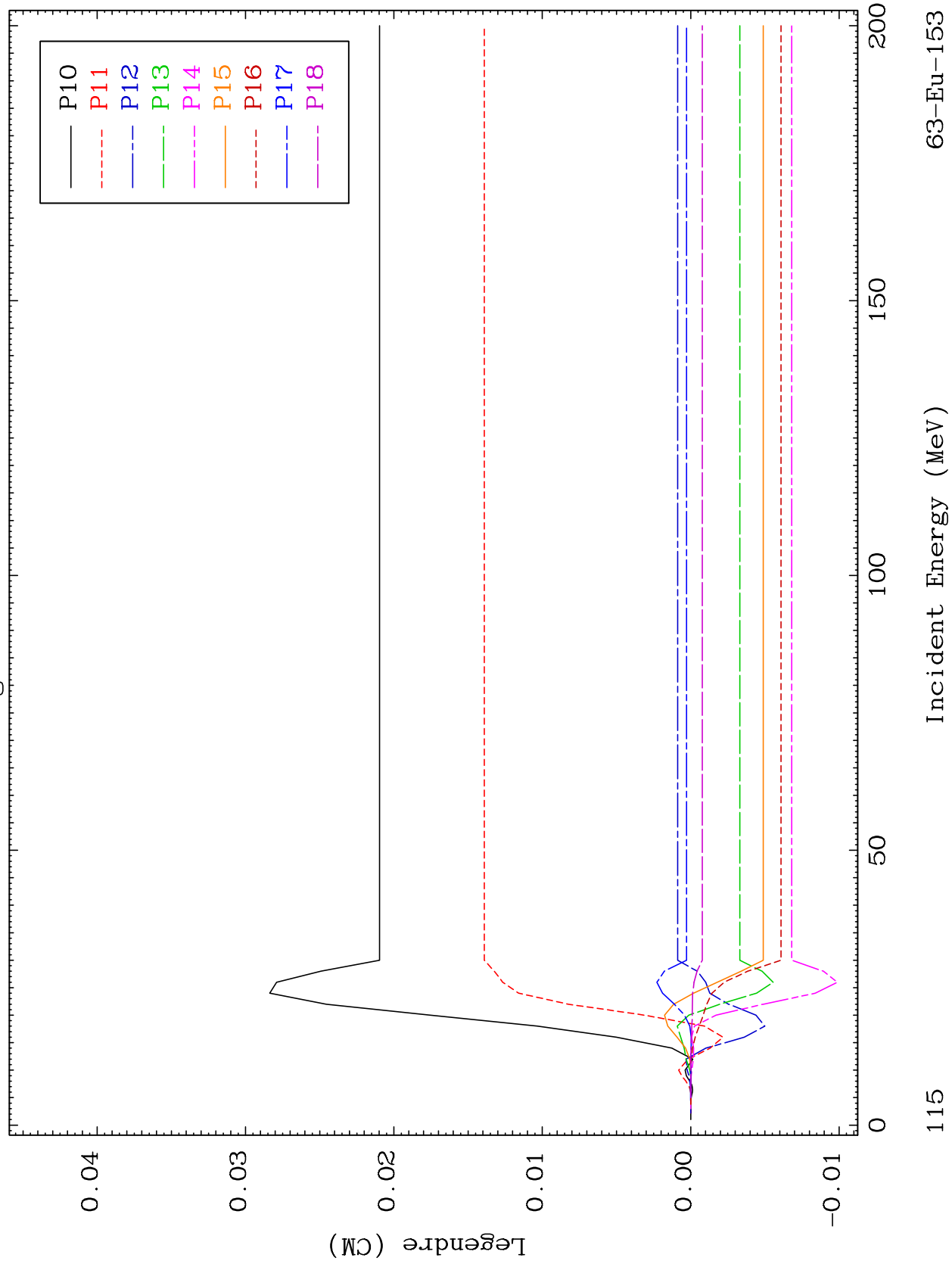
63-Eu-153

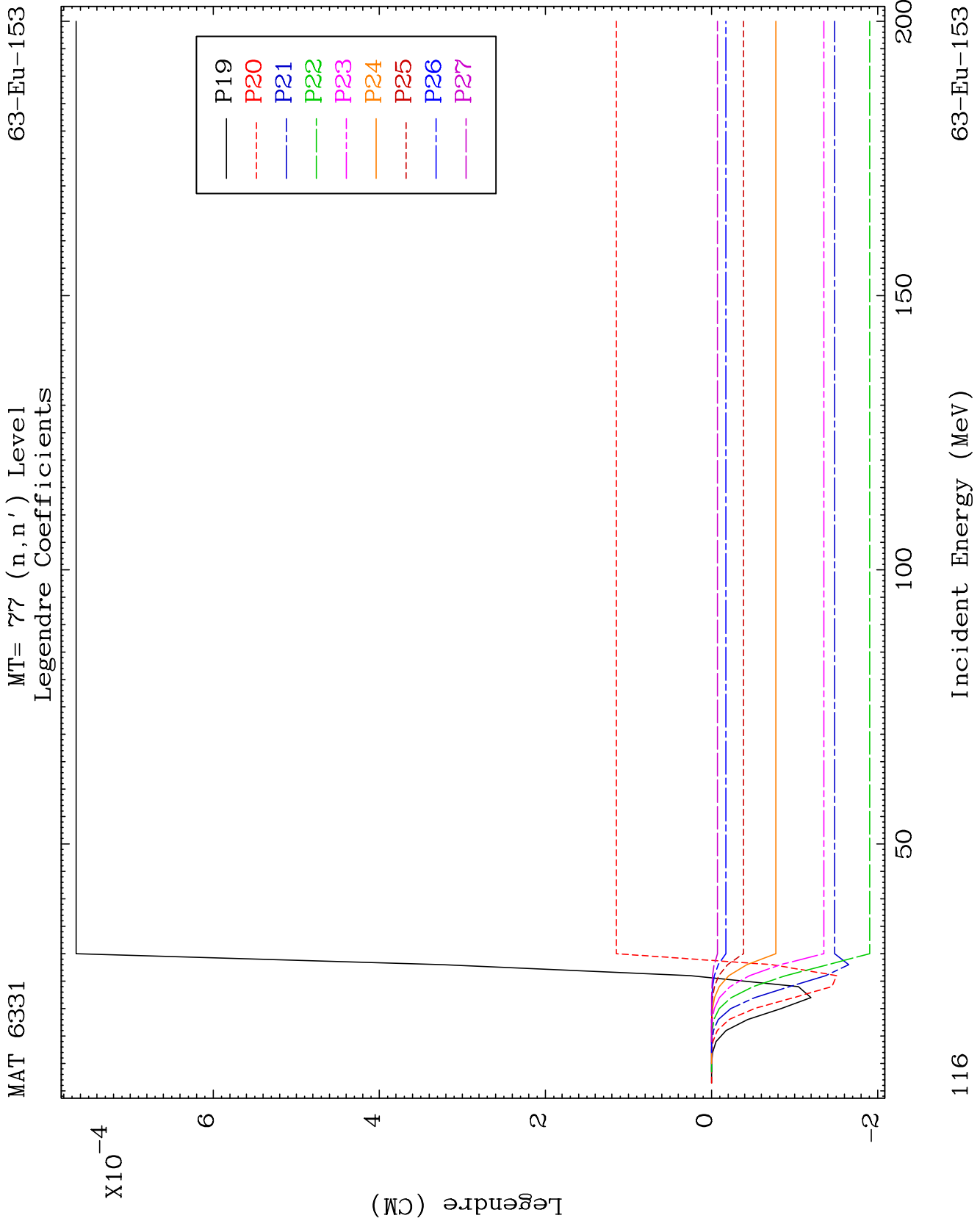


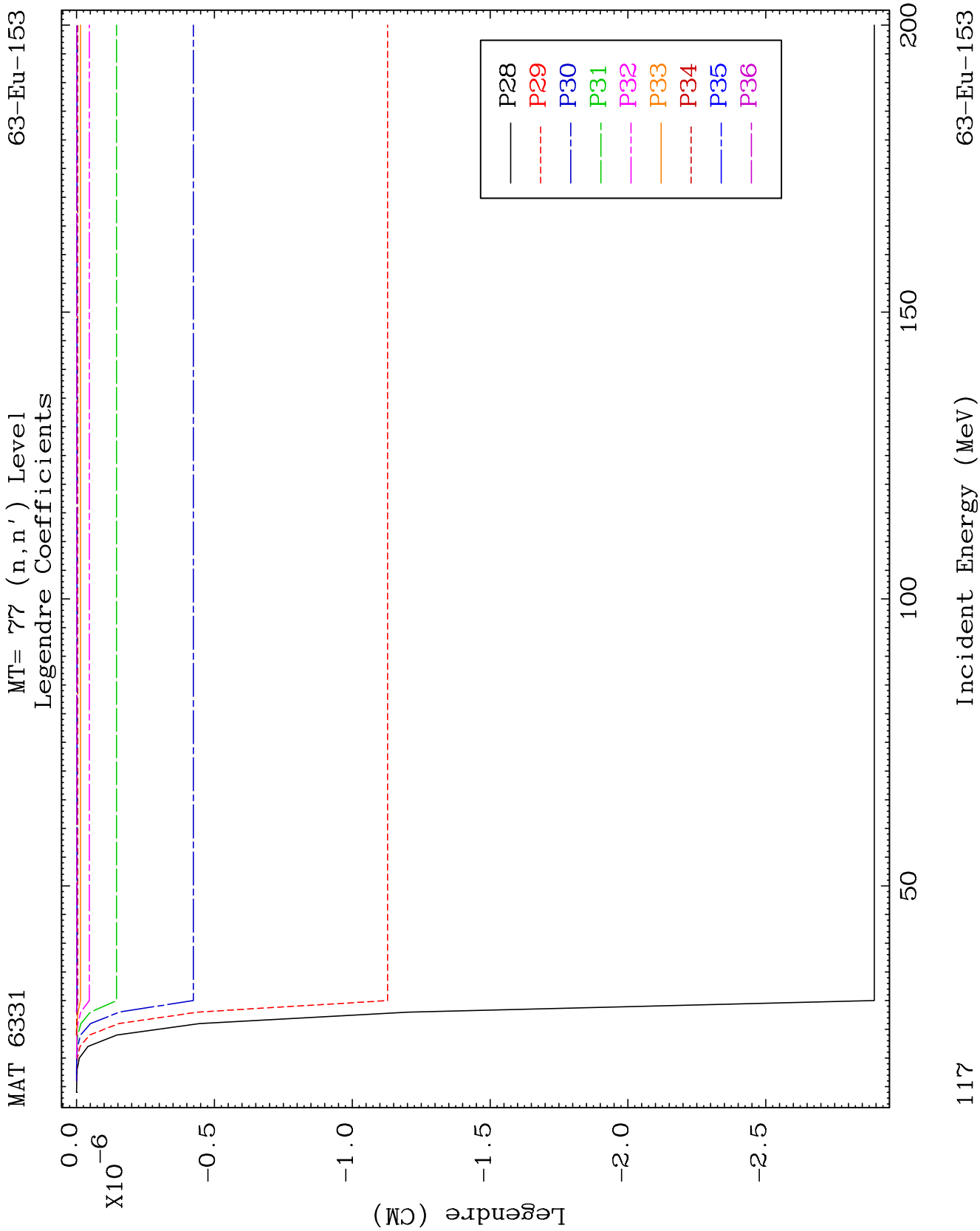
MAT 6331

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

63-Eu-153



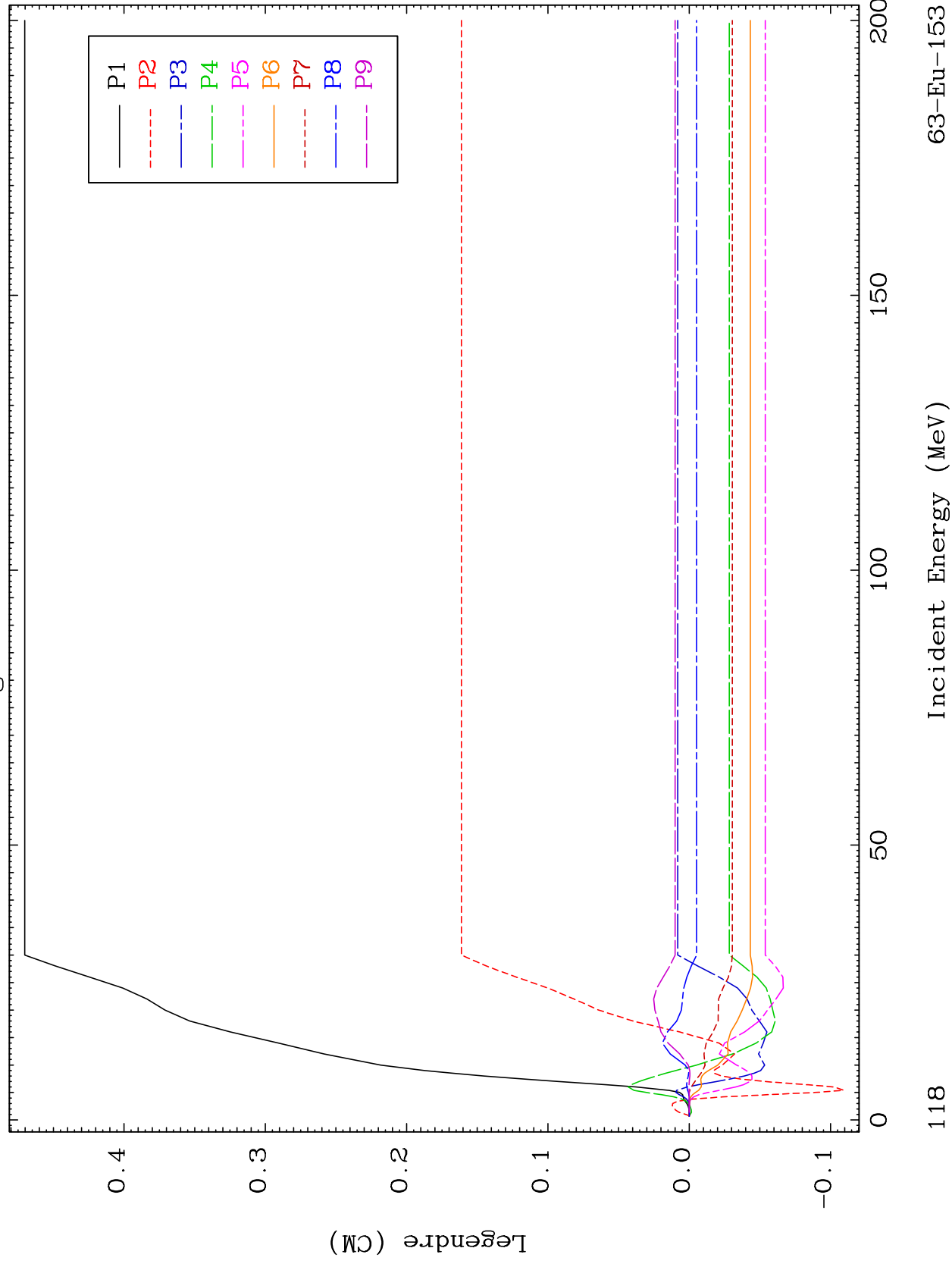




MAT 6331

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

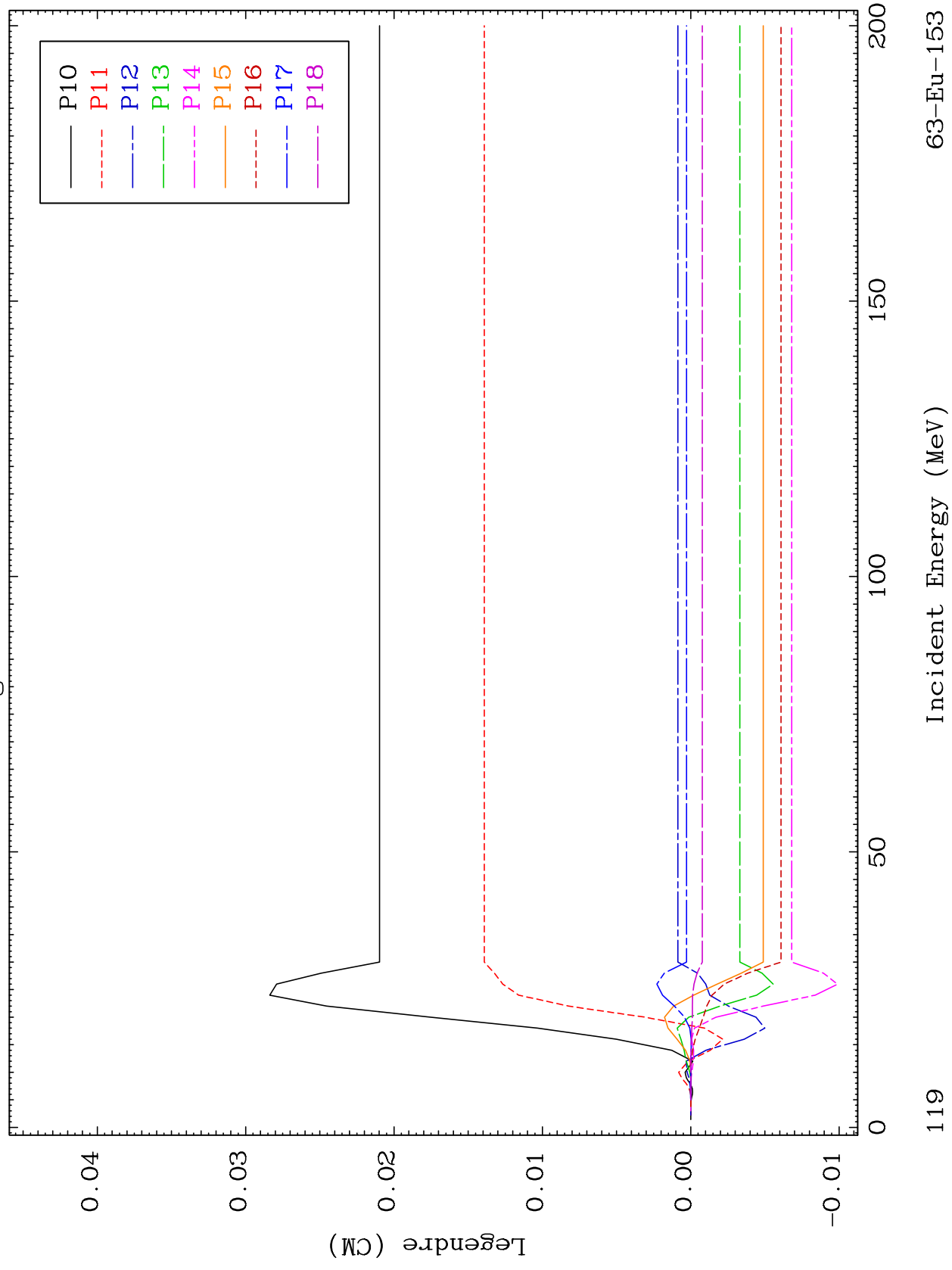
63-Eu-153

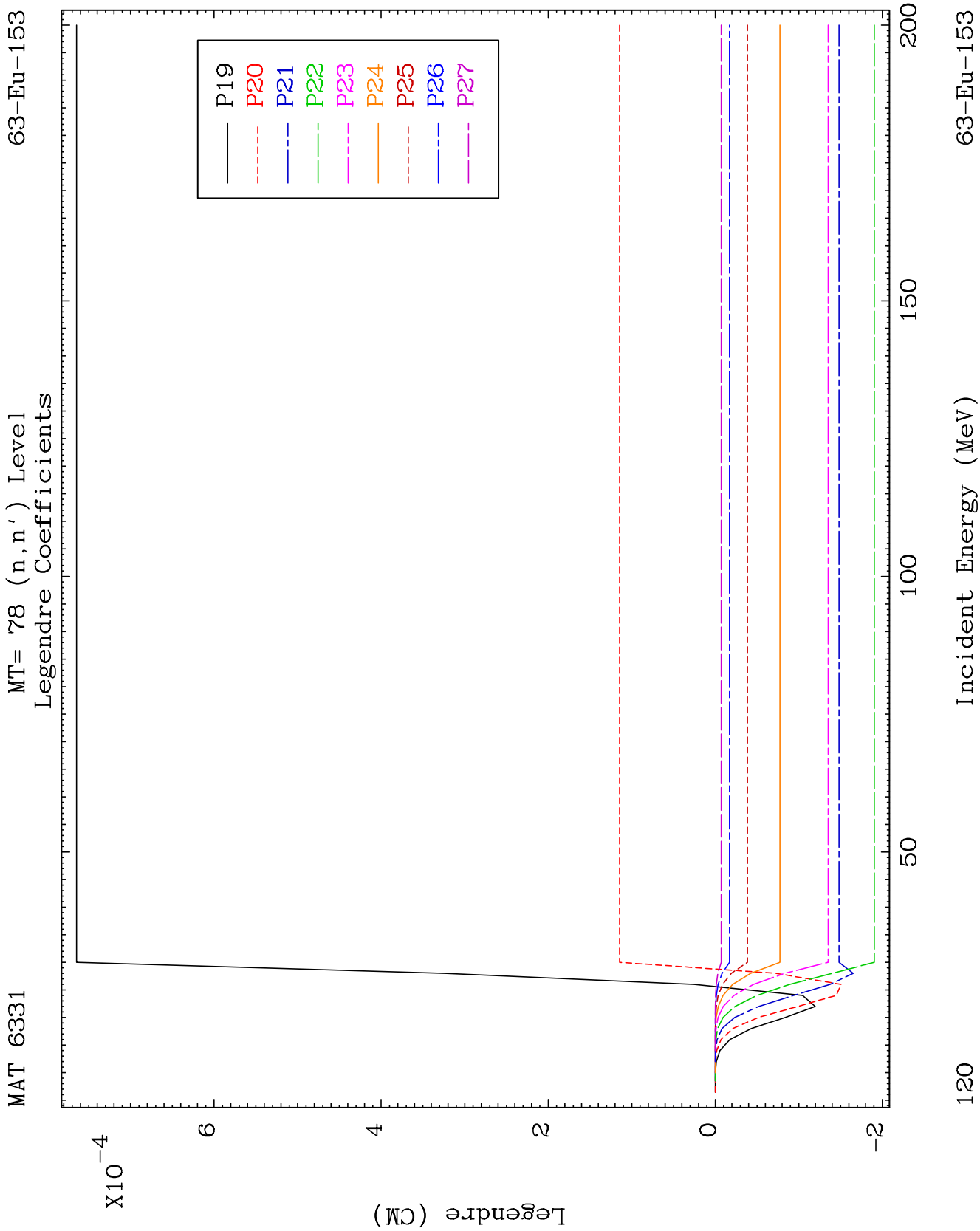


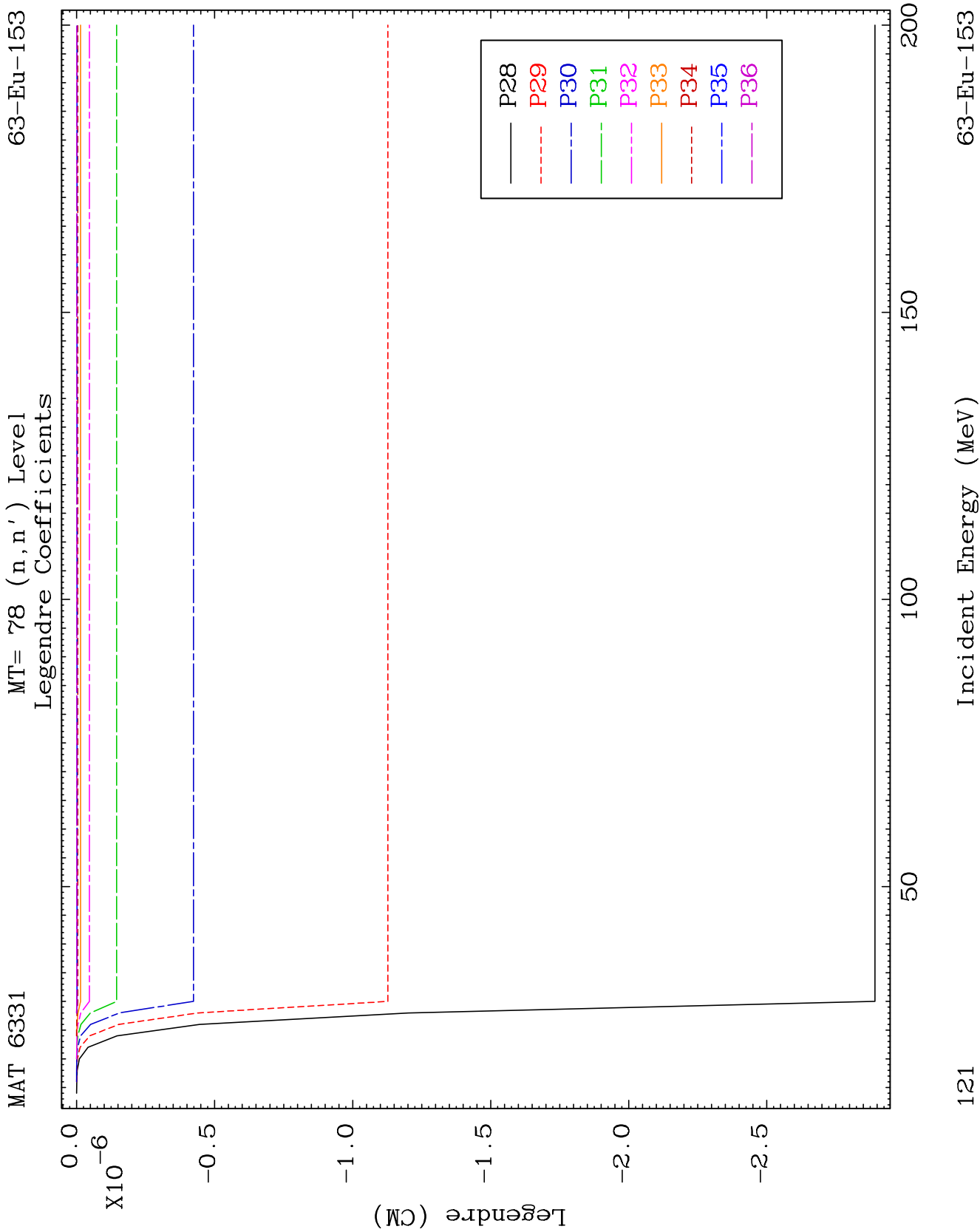
MAT 6331

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

63-Eu-153



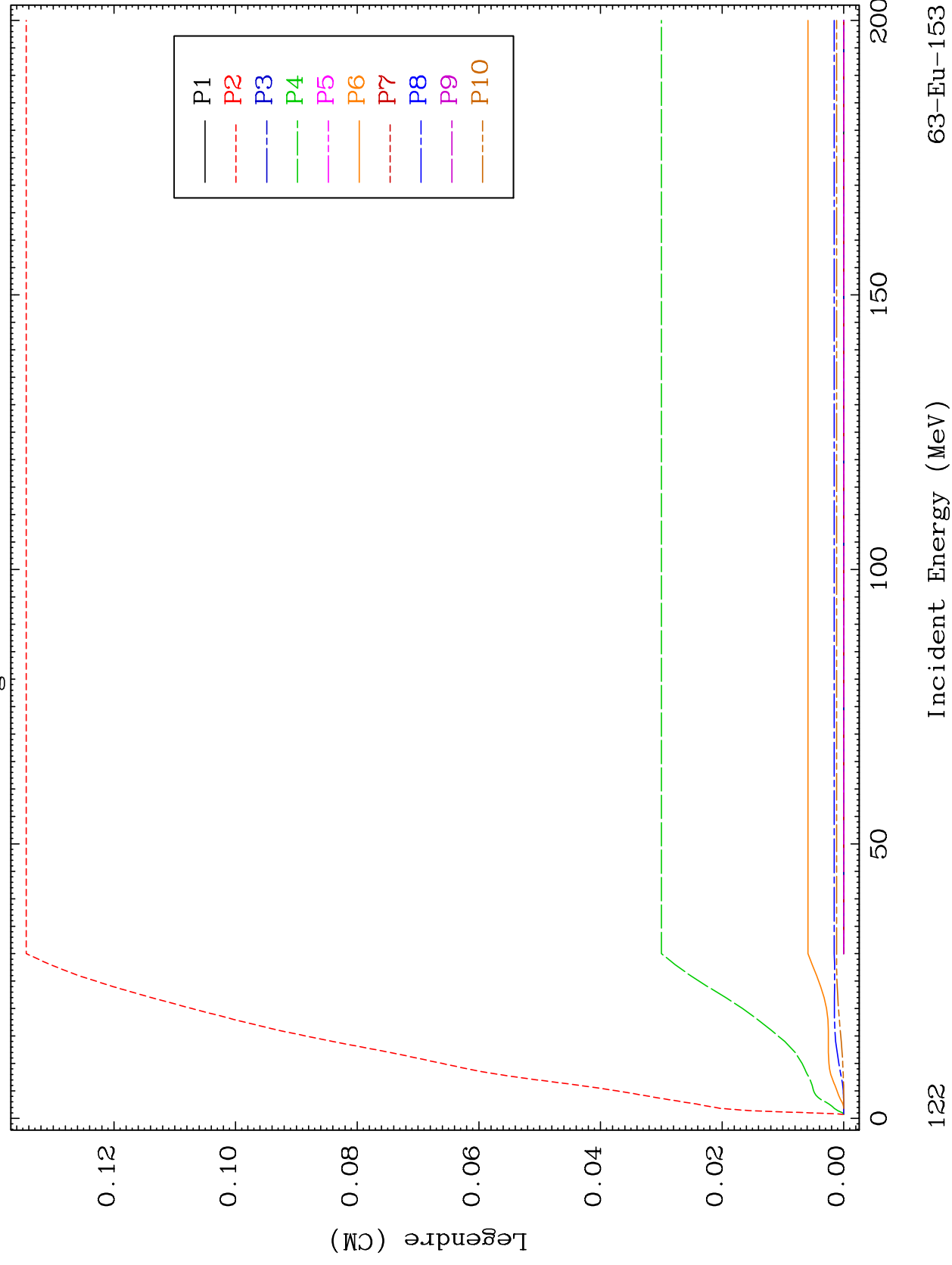


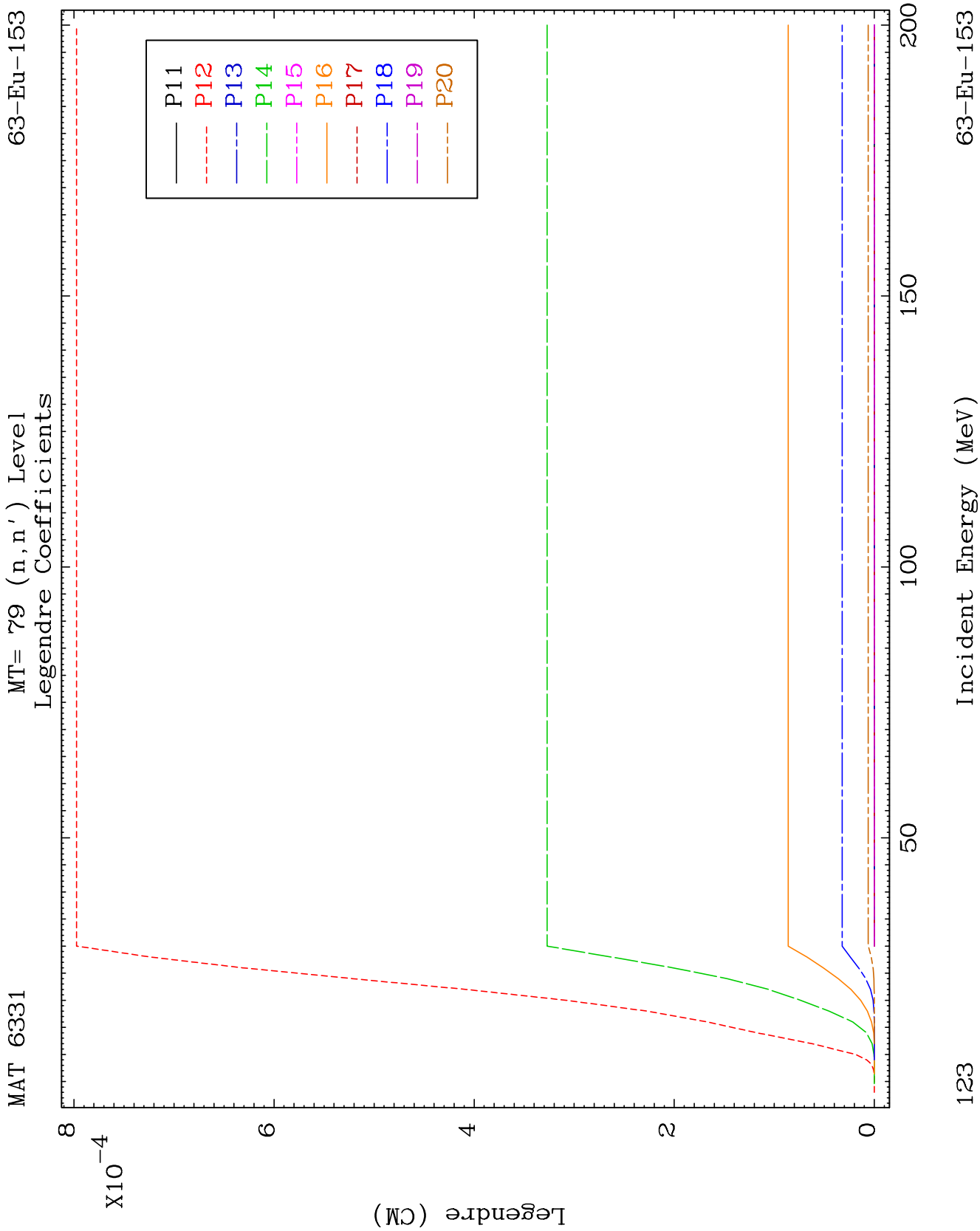


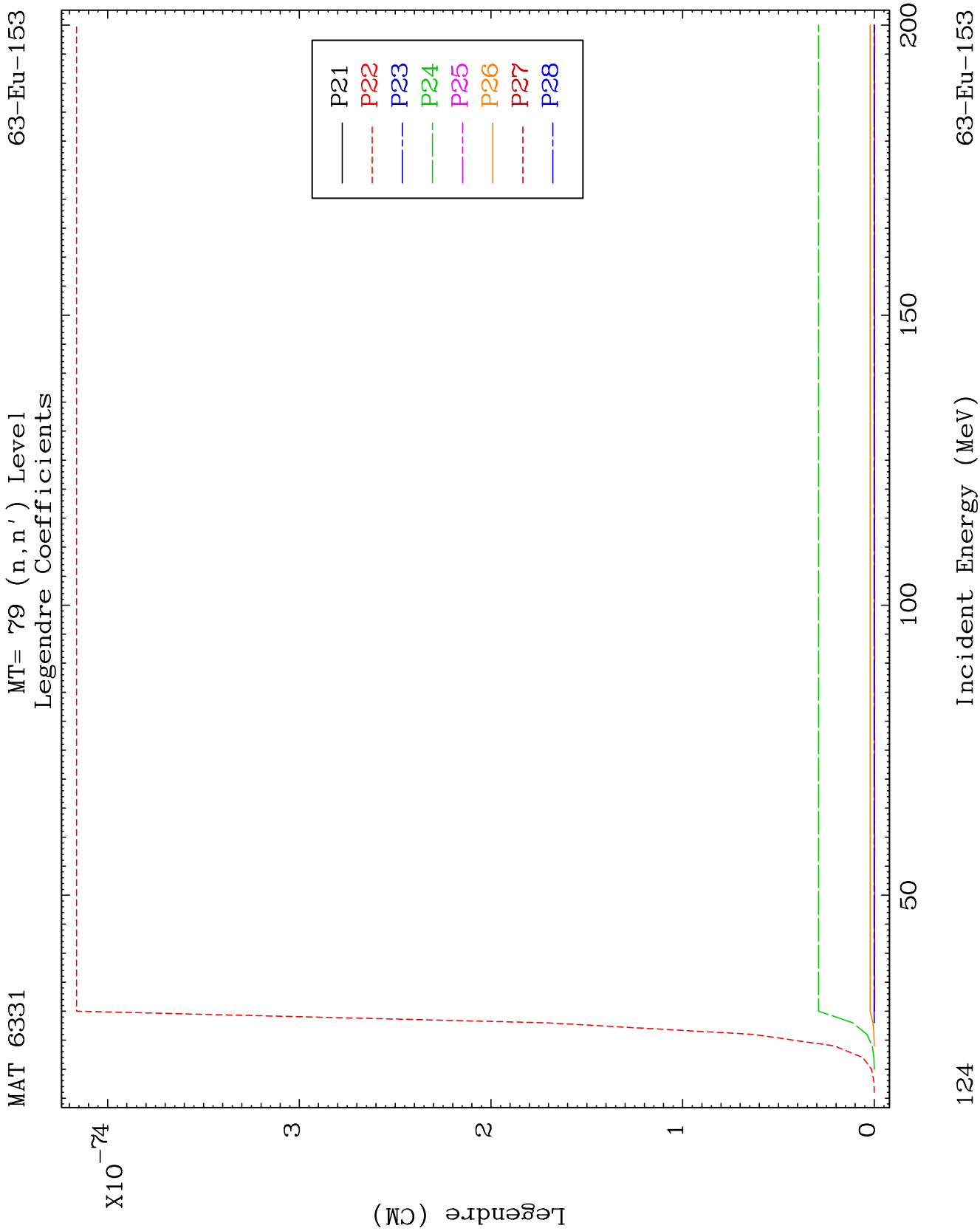
MAT 6331

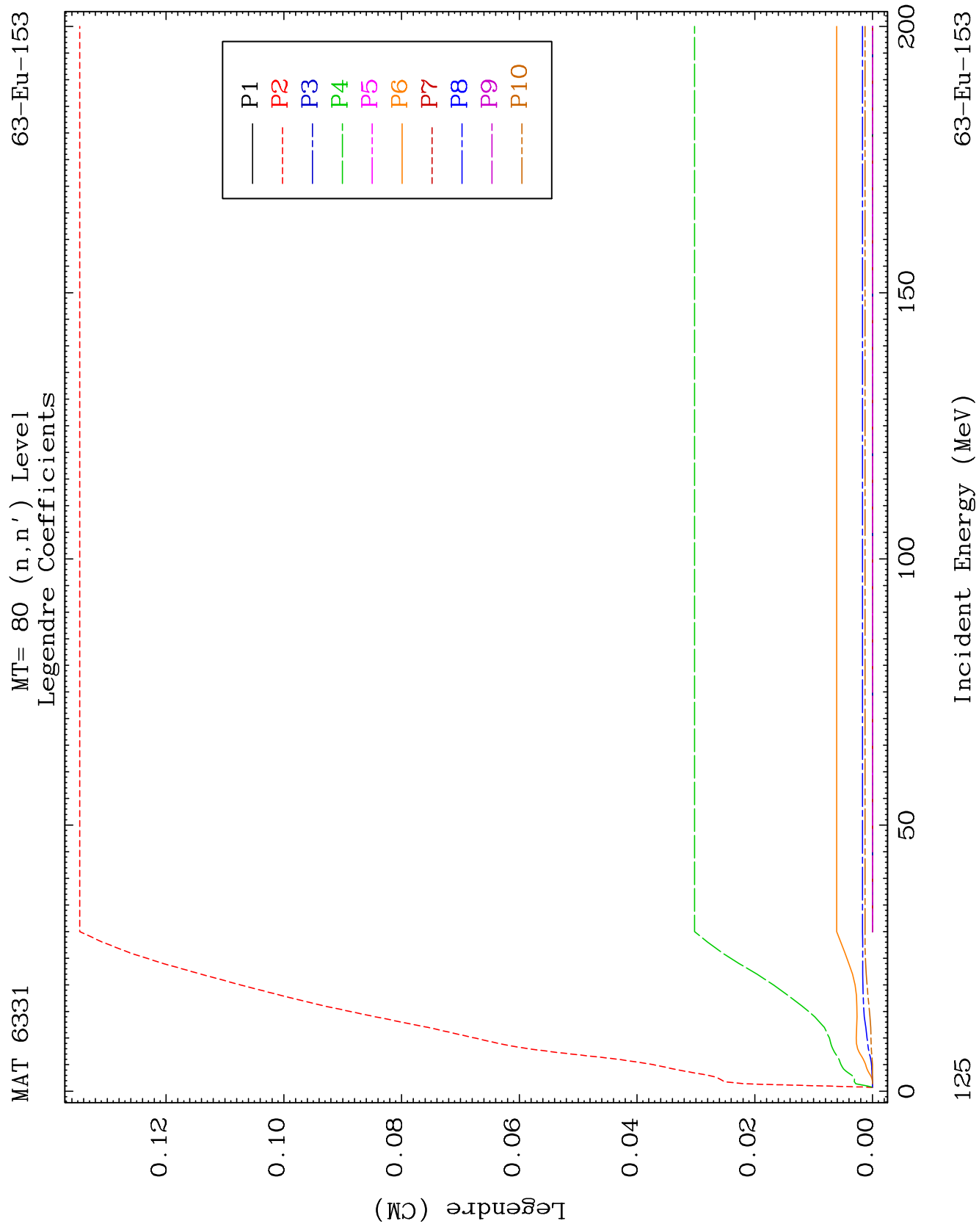
MT= 79 (n, n') Level
Legendre Coefficients

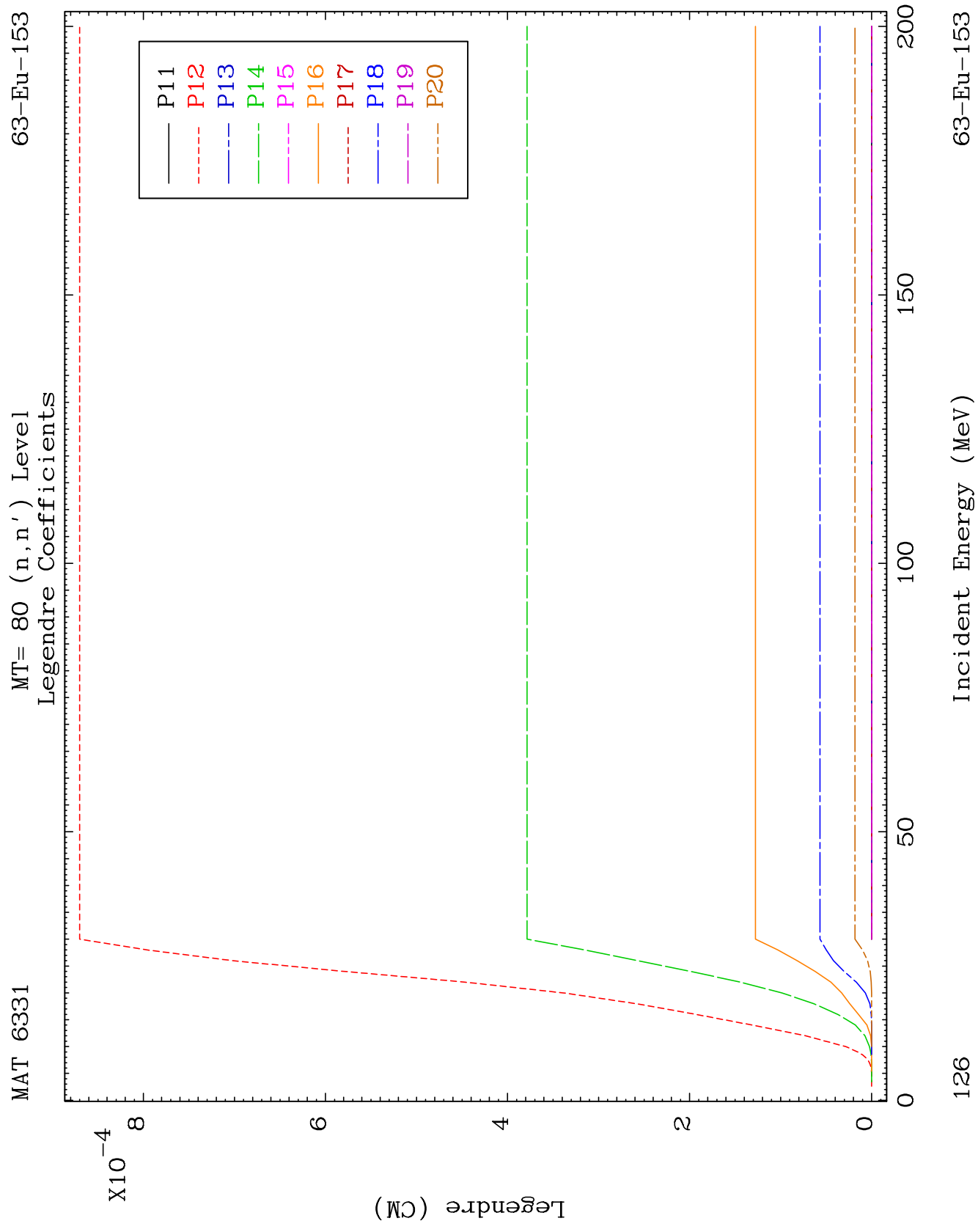
63-Eu-153

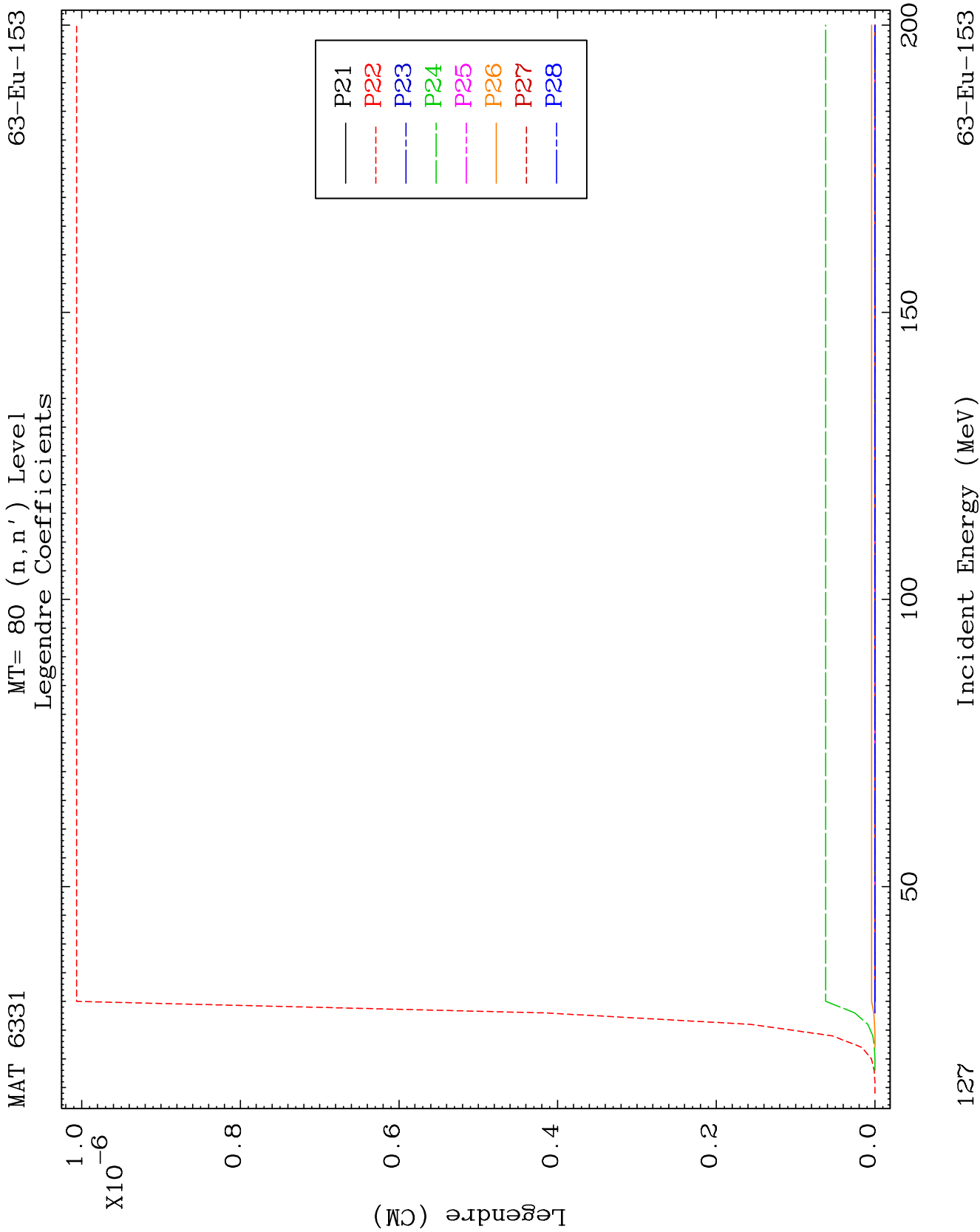


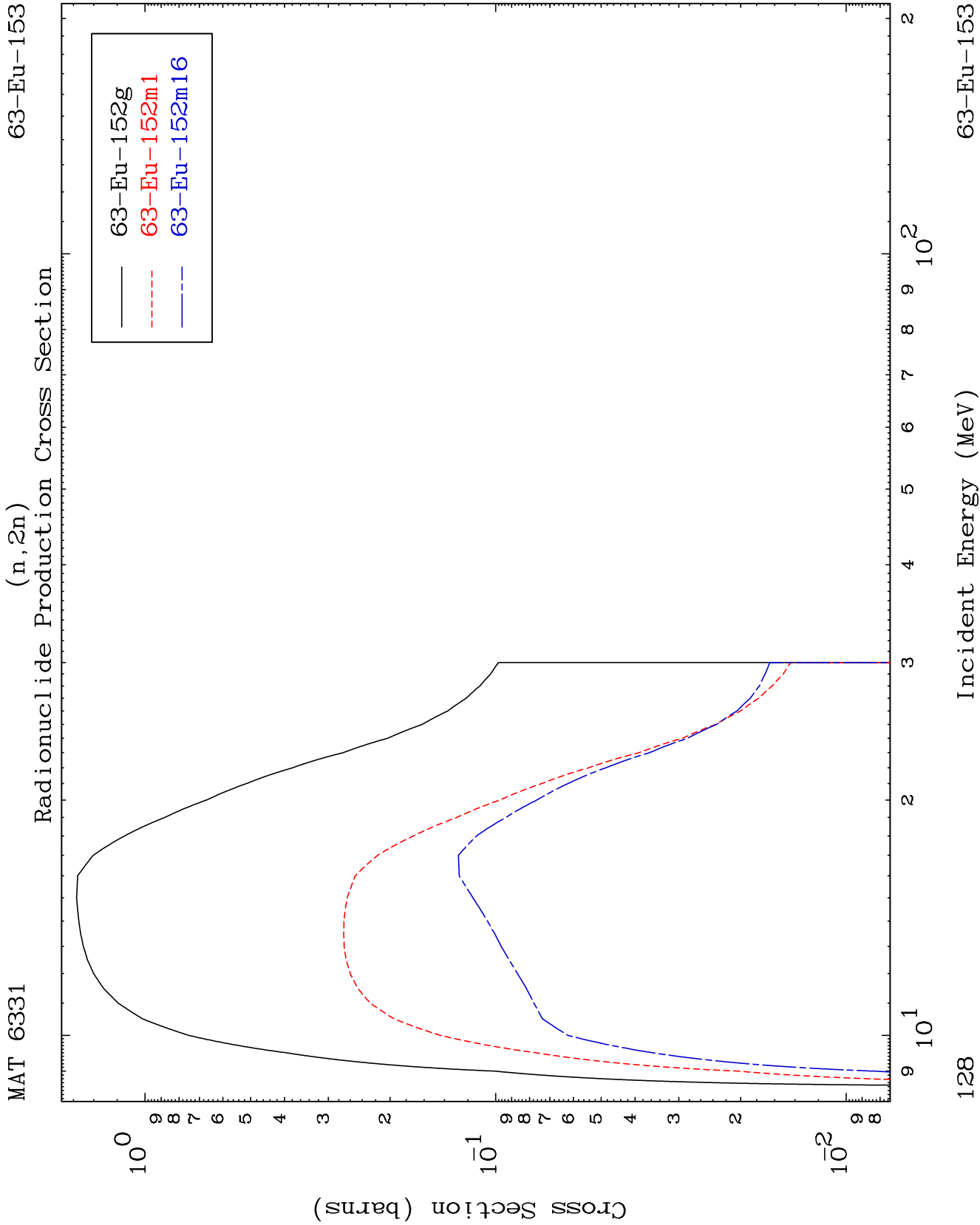


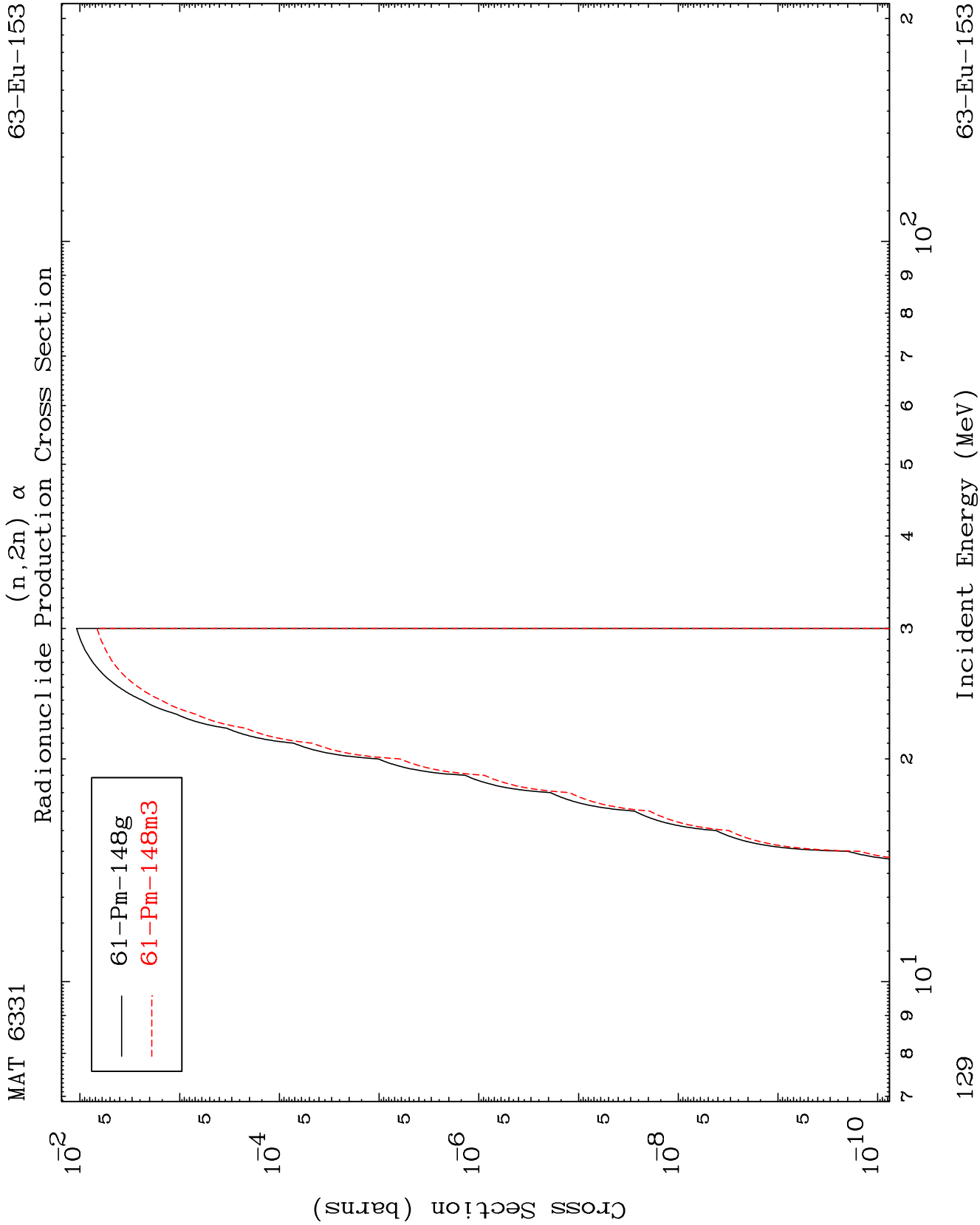


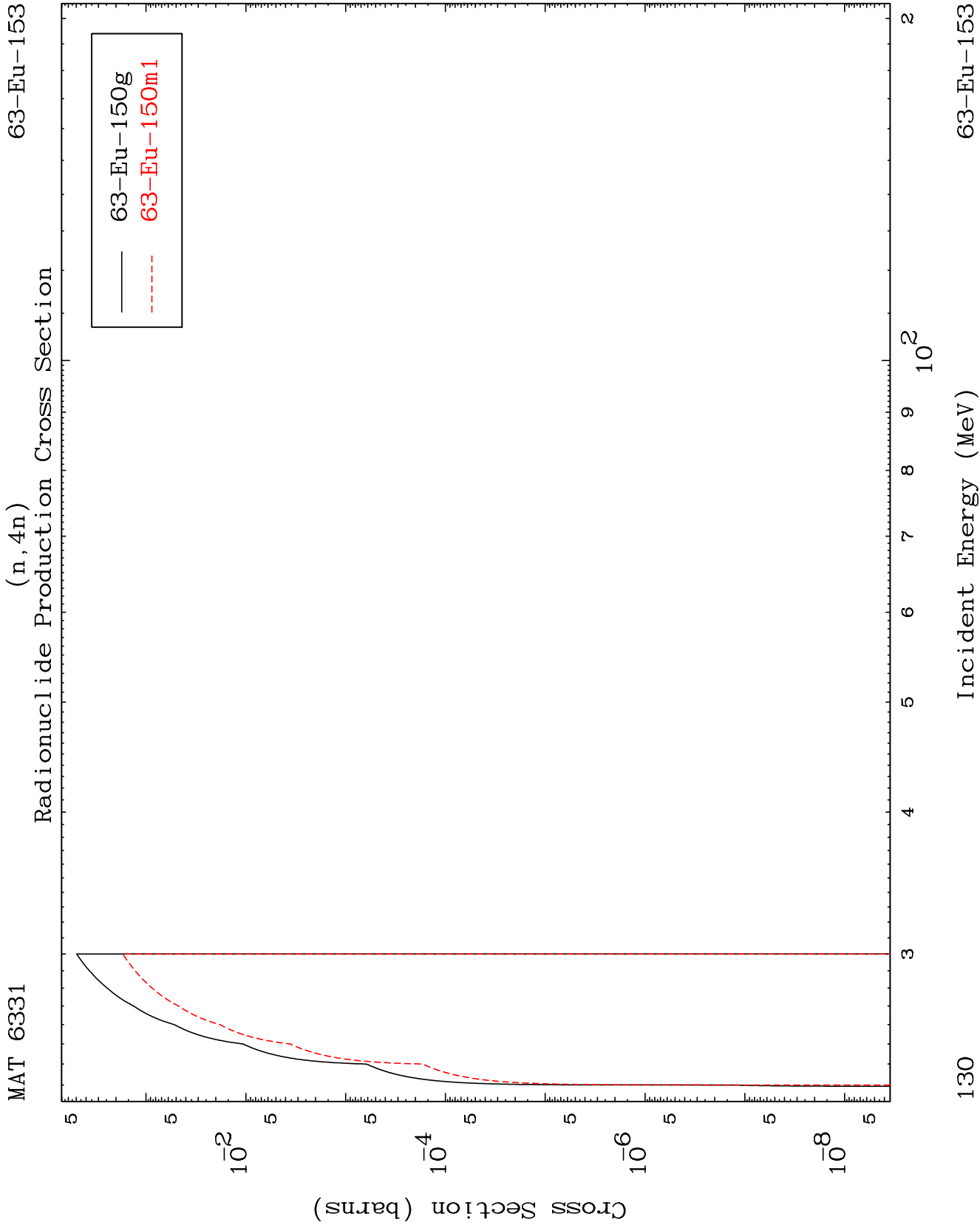








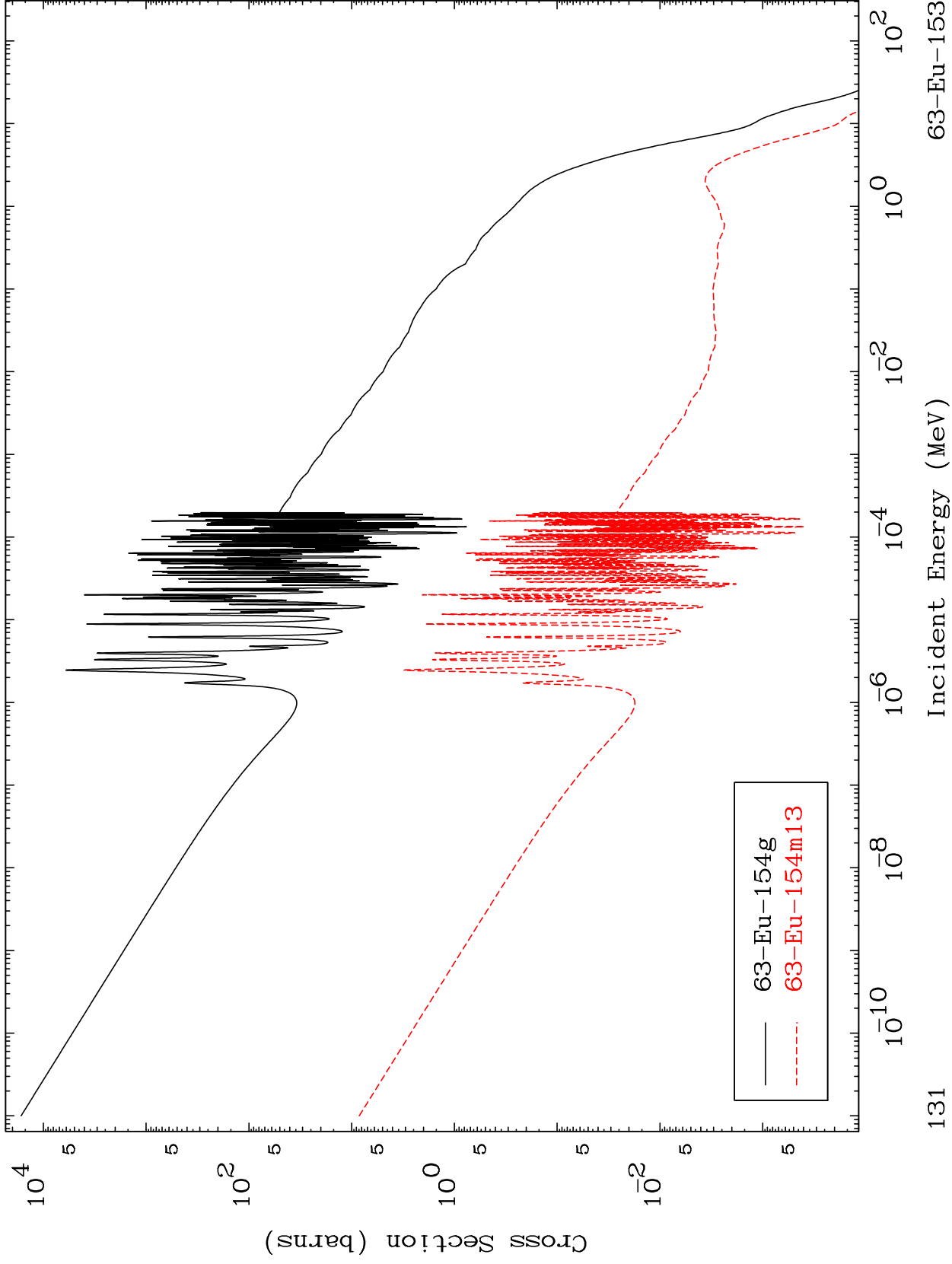




MAT 6331

63-Eu-153

(n, γ)
Radionuclide Production Cross Section



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