

Program EVALPLOT
(Version 2021-1)

by

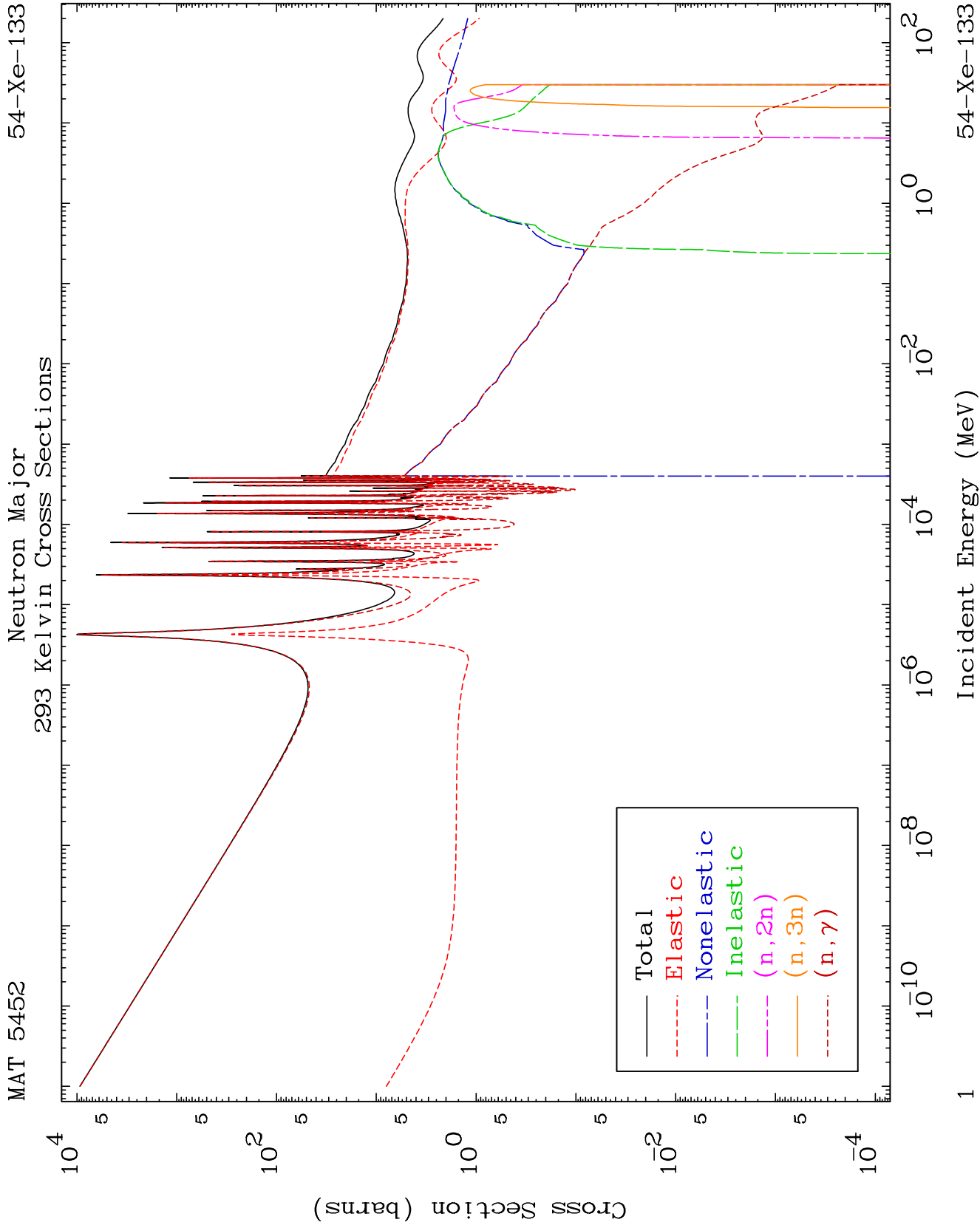
Dermott E. Cullen
(Present Contact Information)

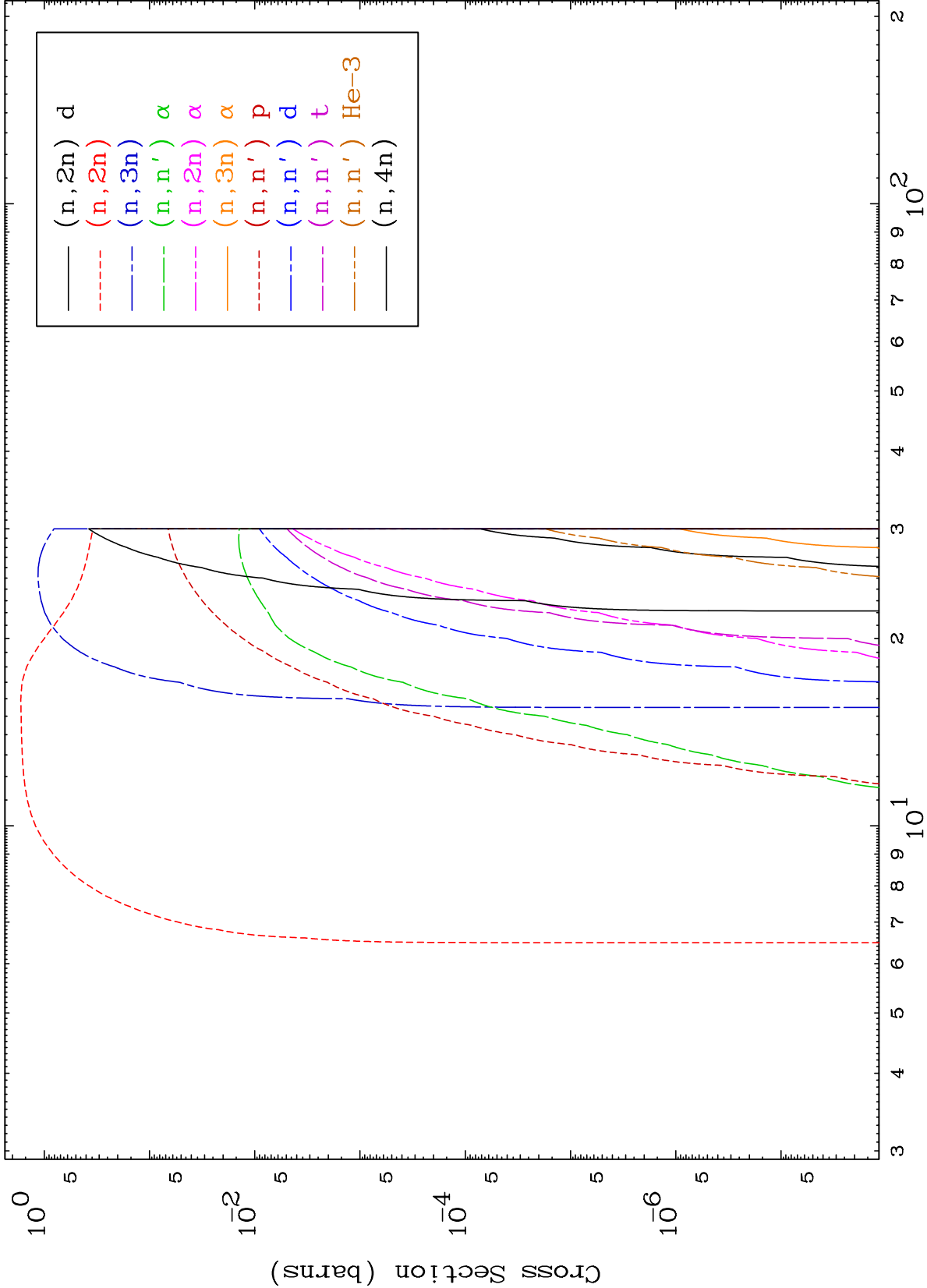
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

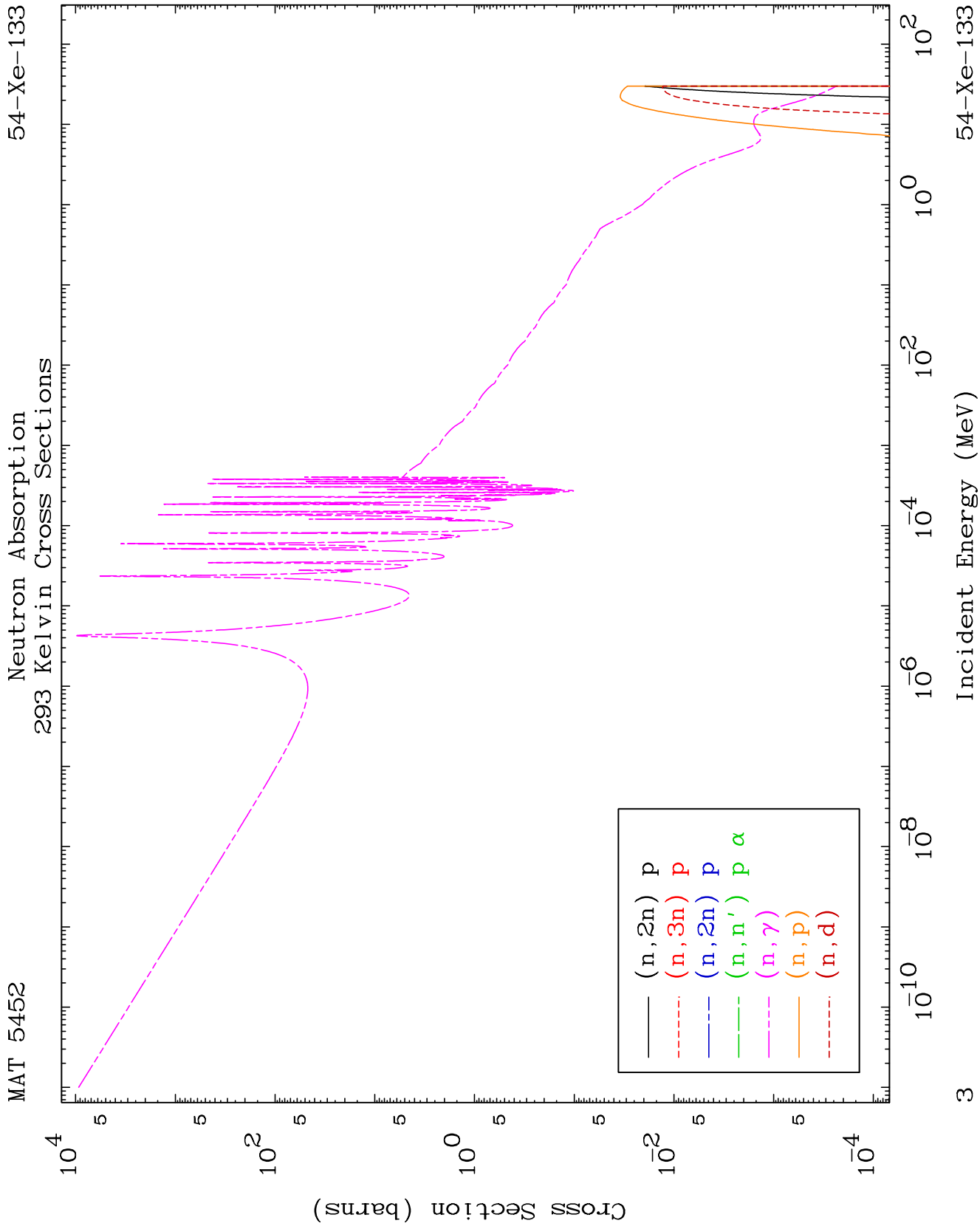
Tele: 925-443-1911

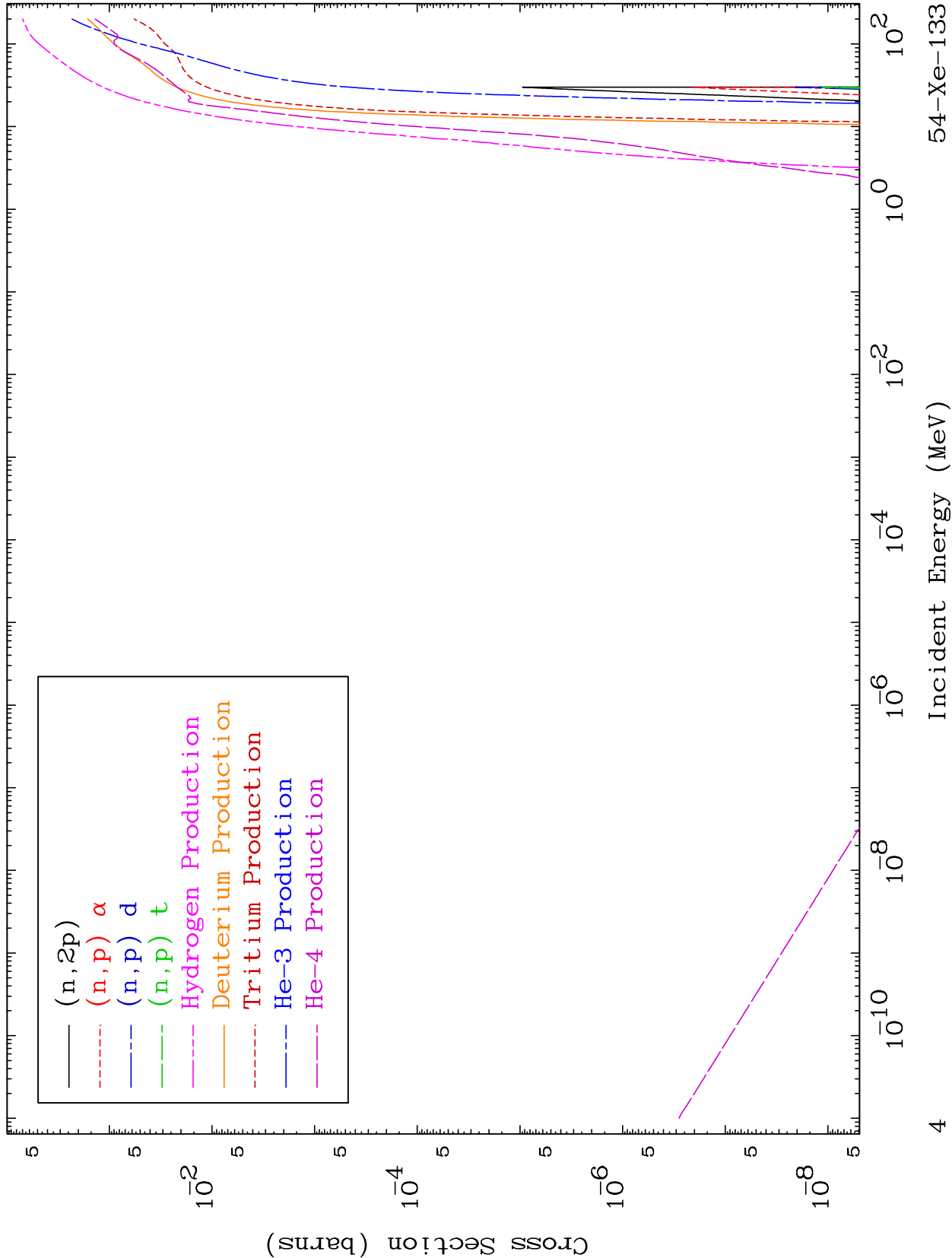
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





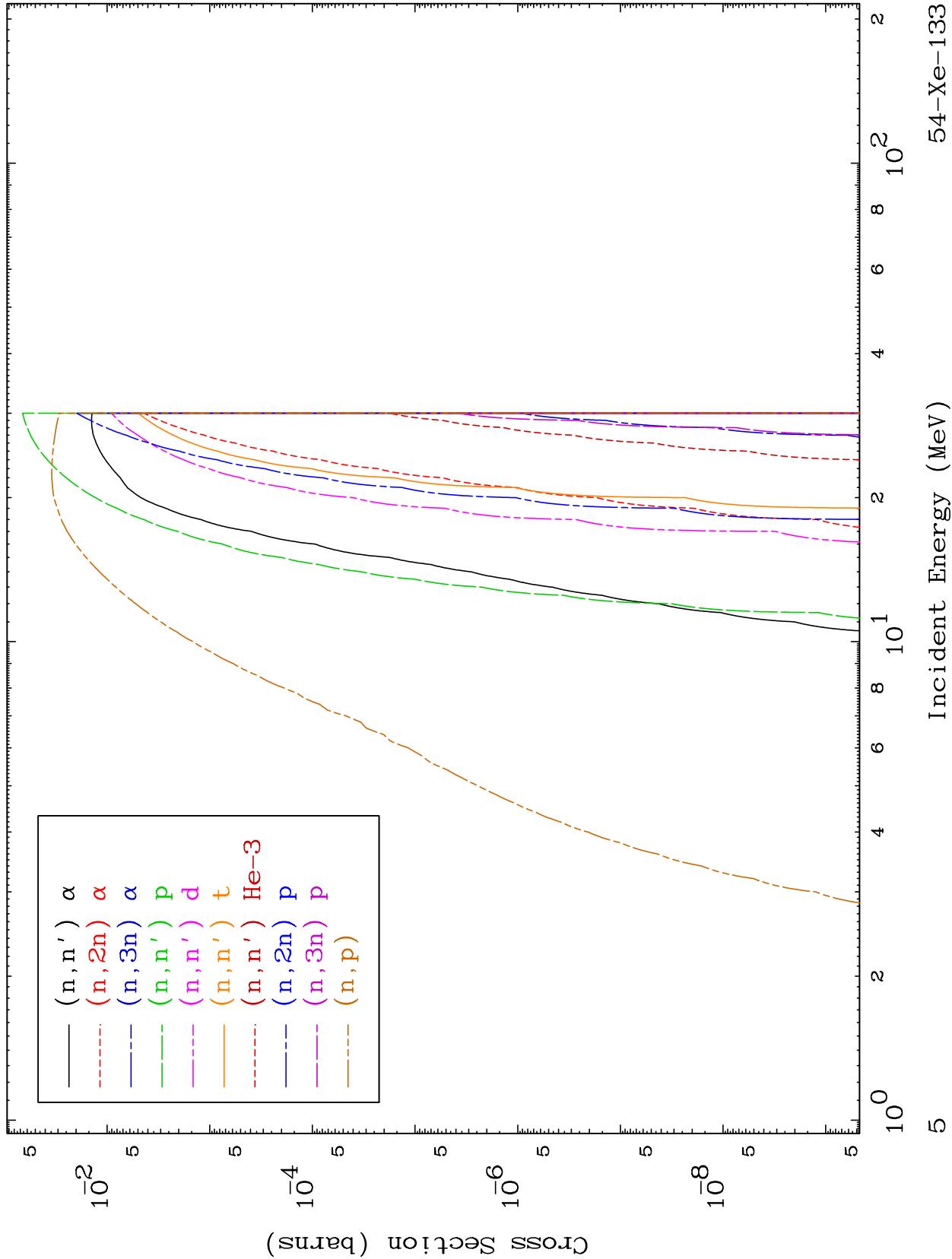


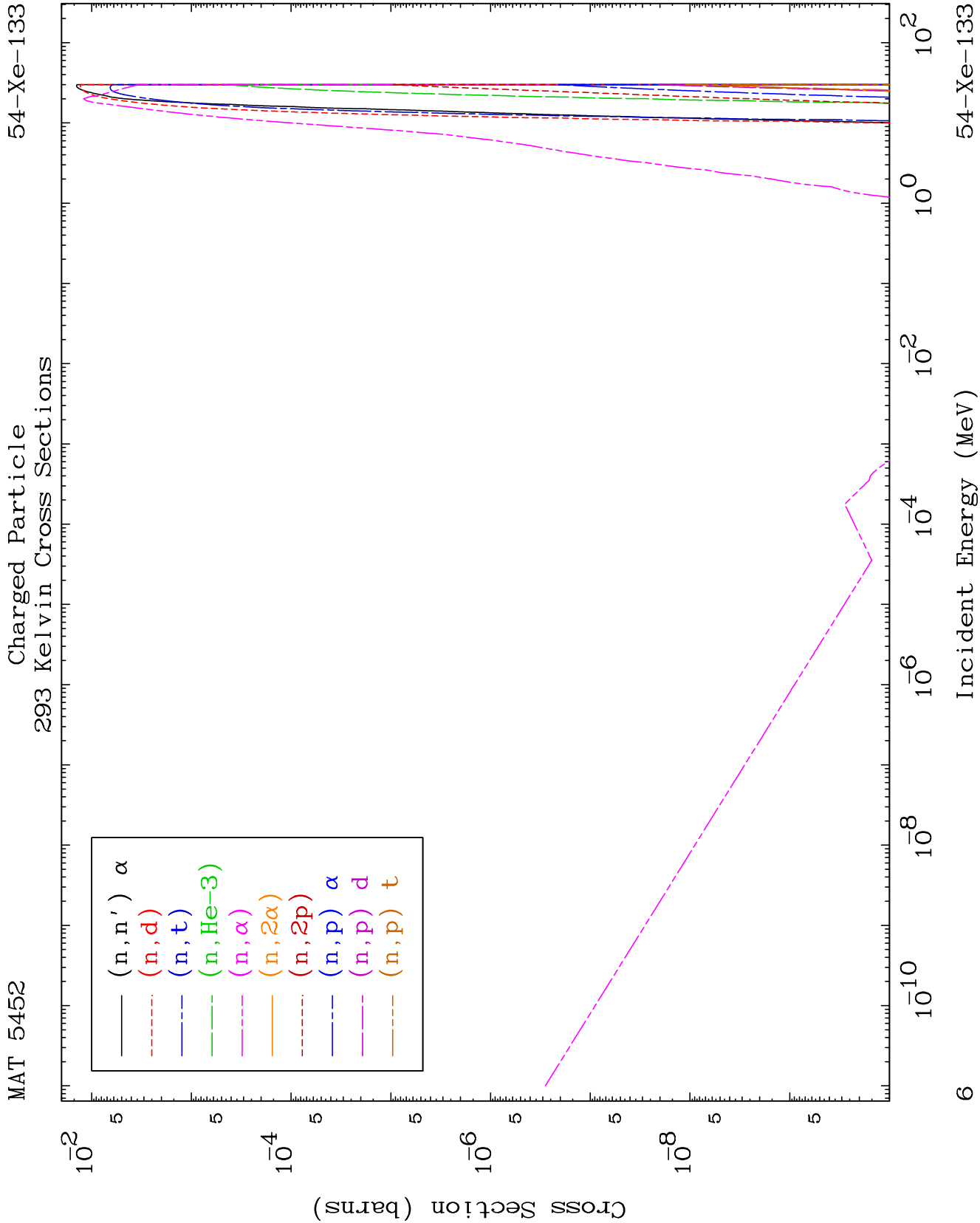


MAT 5452

Charged Particle
293 Kelvin Cross Sections

54-Xe-133

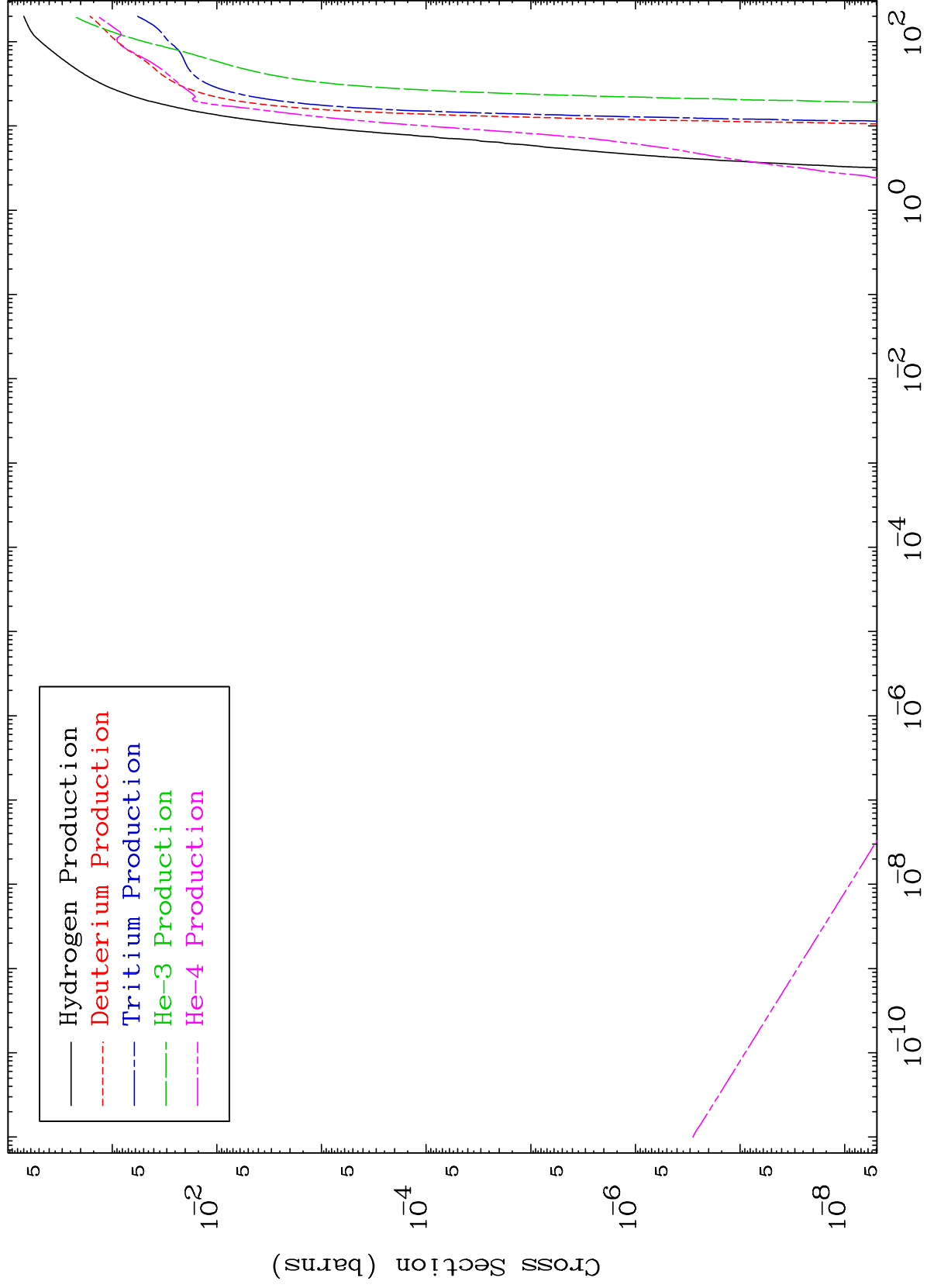




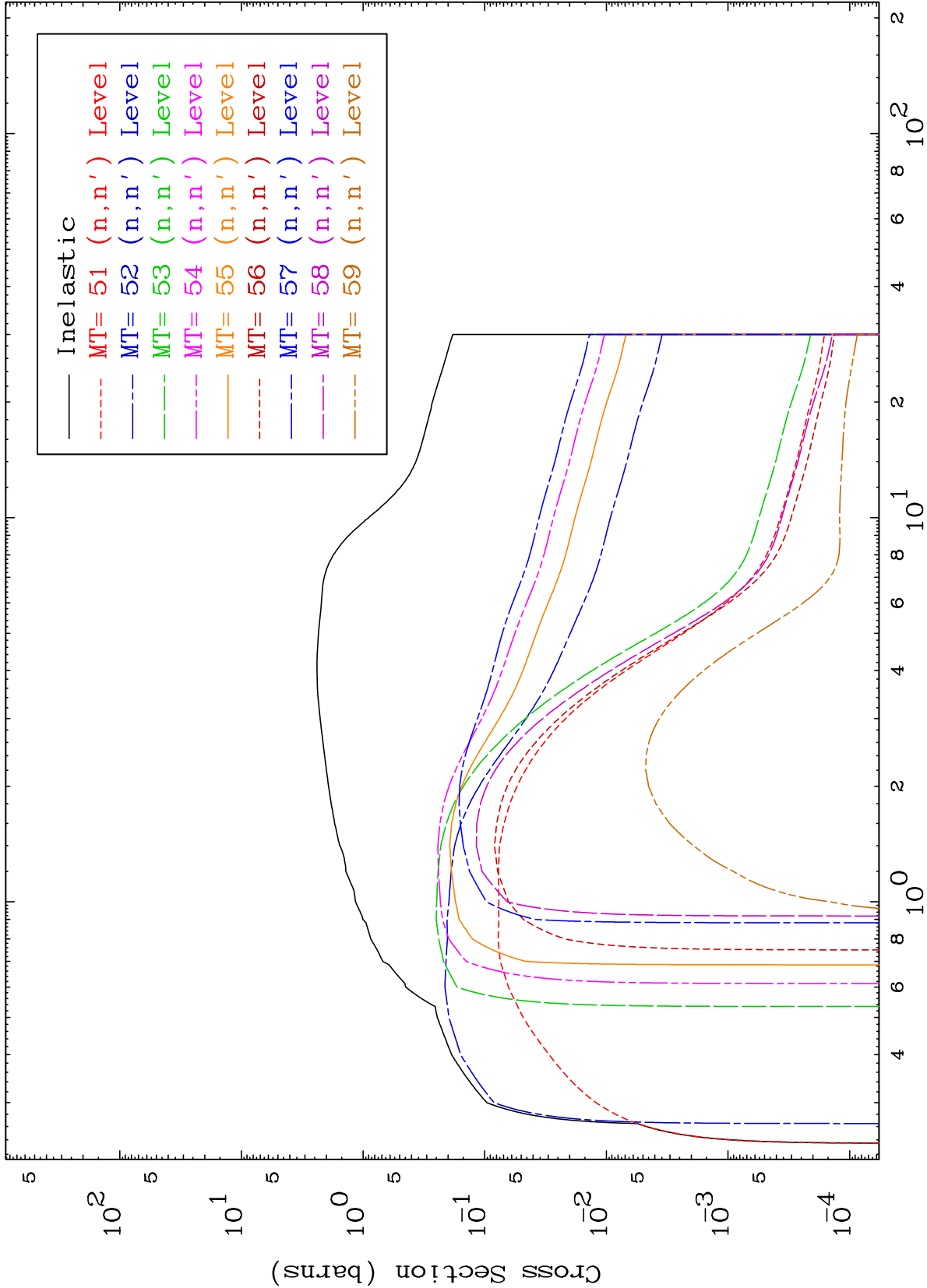
MAT 5452

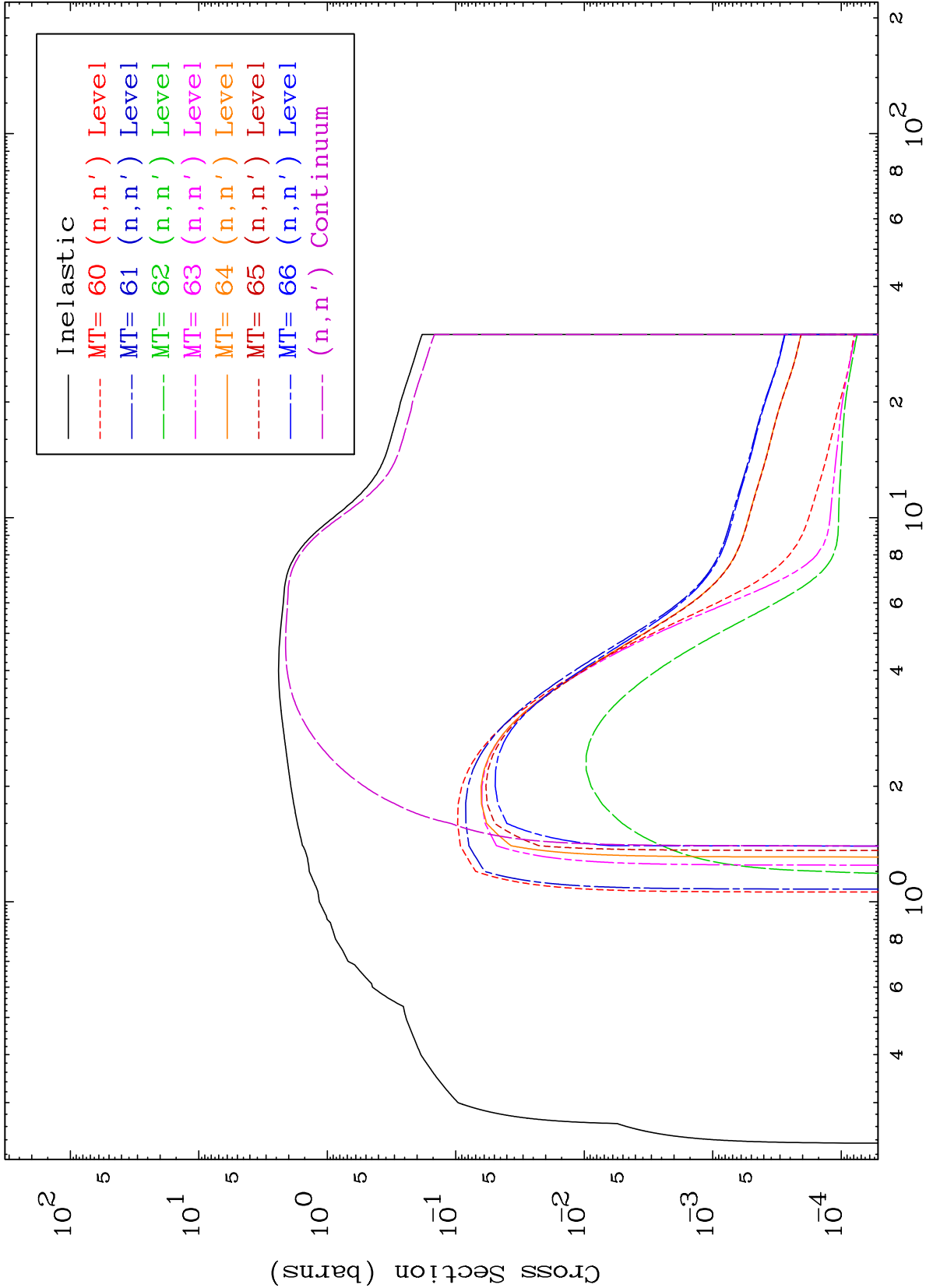
Particle Production
293 Kelvin Cross Sections

54-Xe-133



293 Kelvin Cross Sections

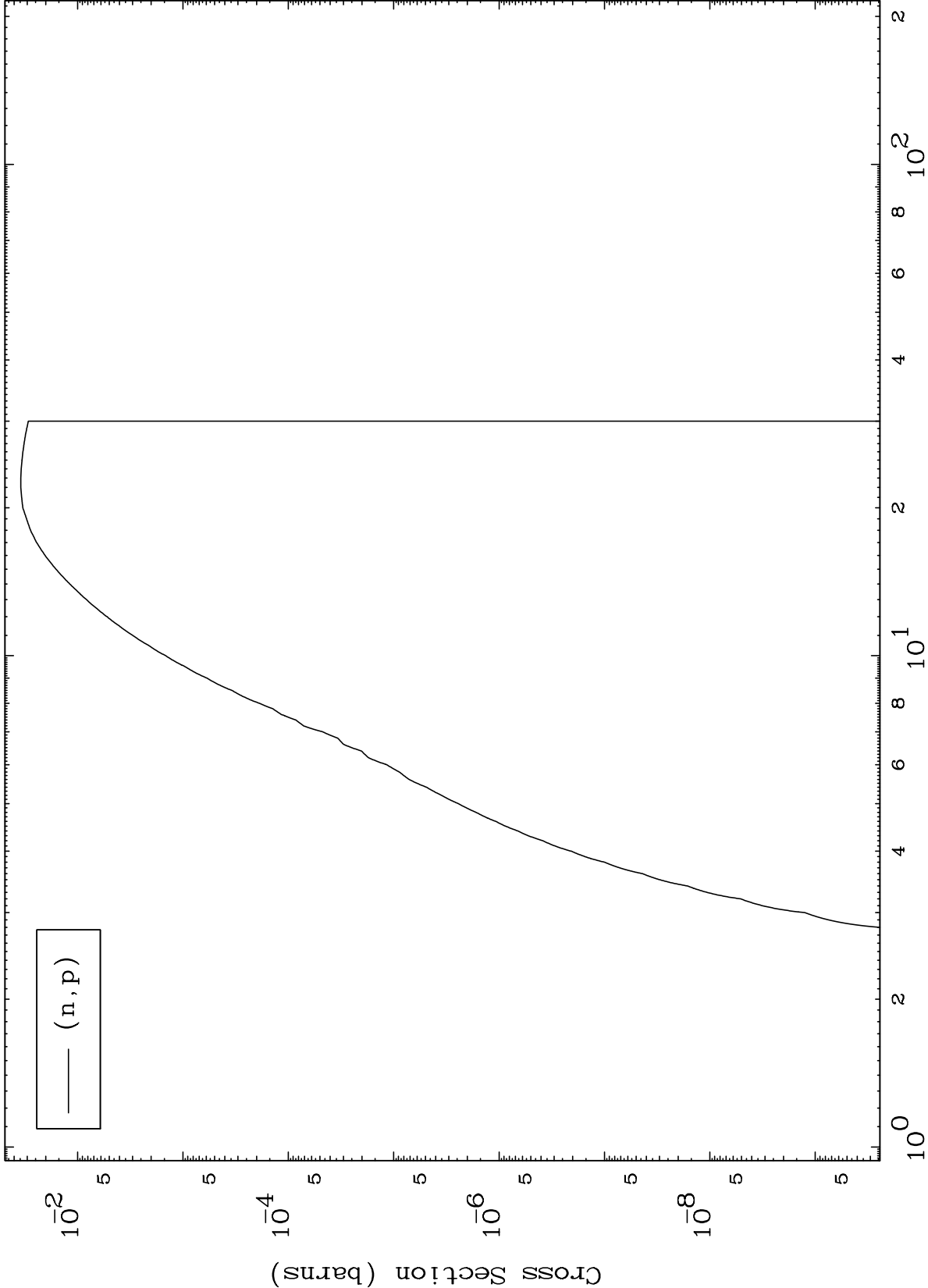




MAT 5452

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-133



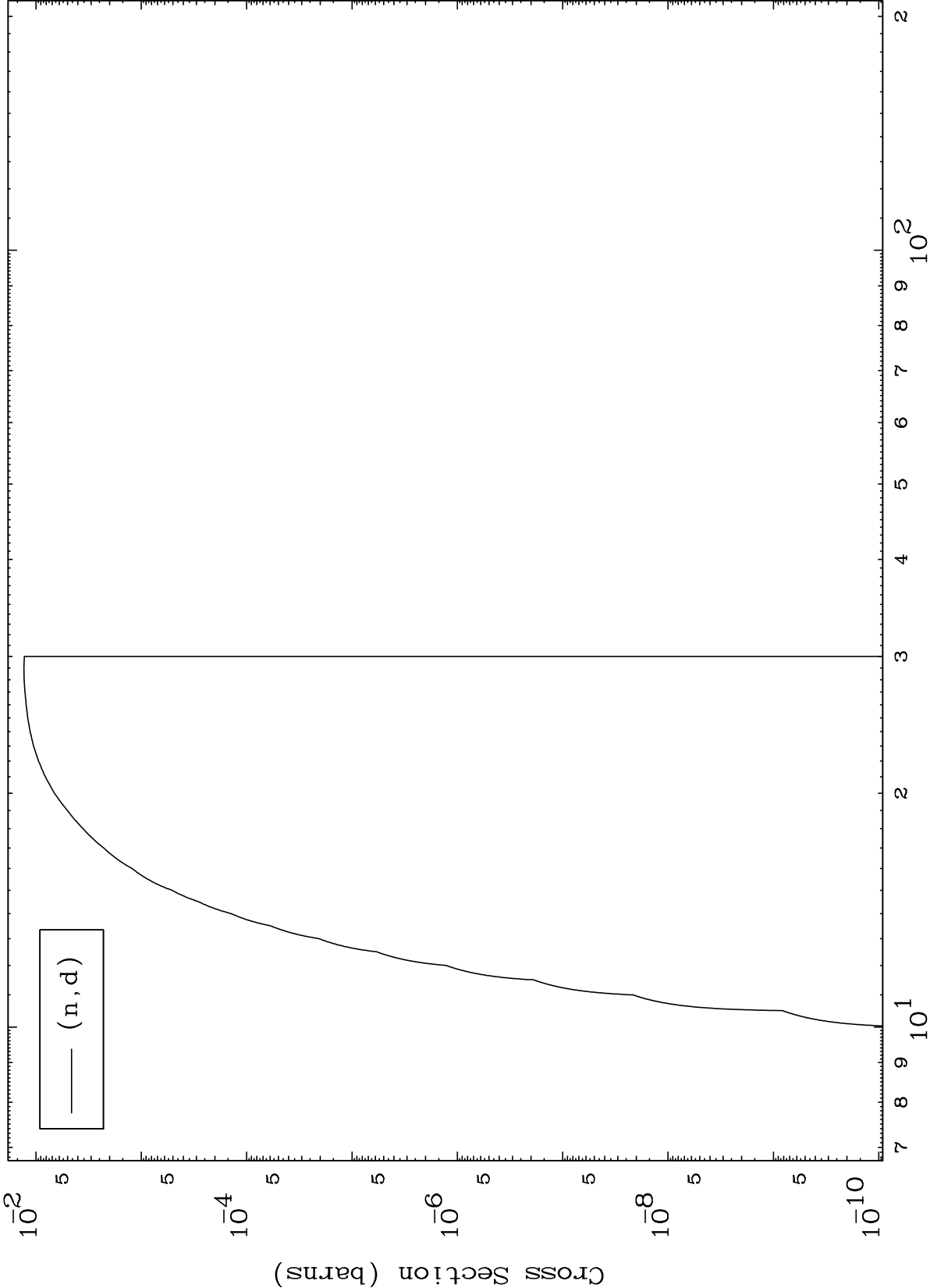
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,d) Levels
293 Kelvin Cross Sections

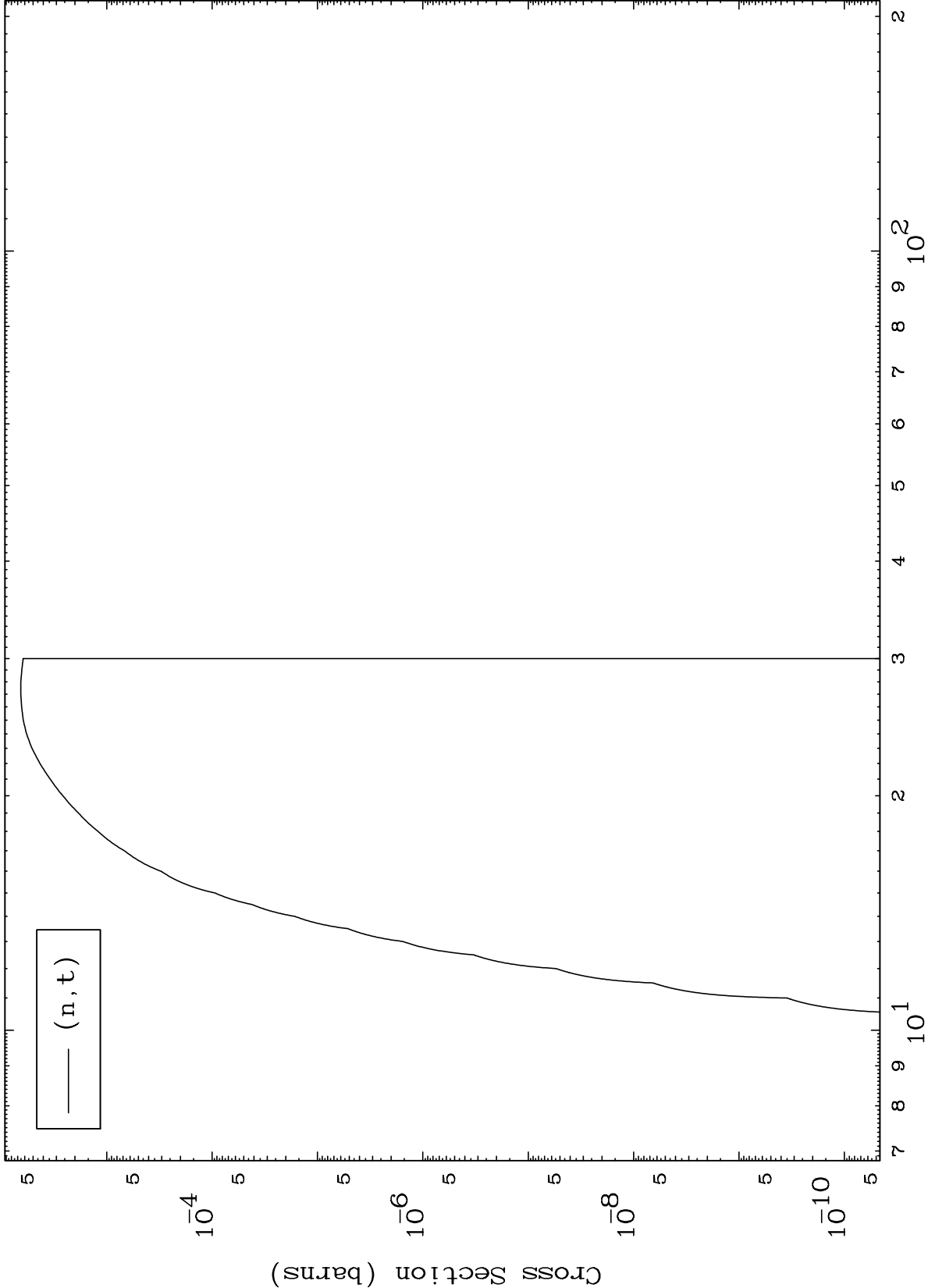
54-Xe-133



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Incident Energy (MeV)

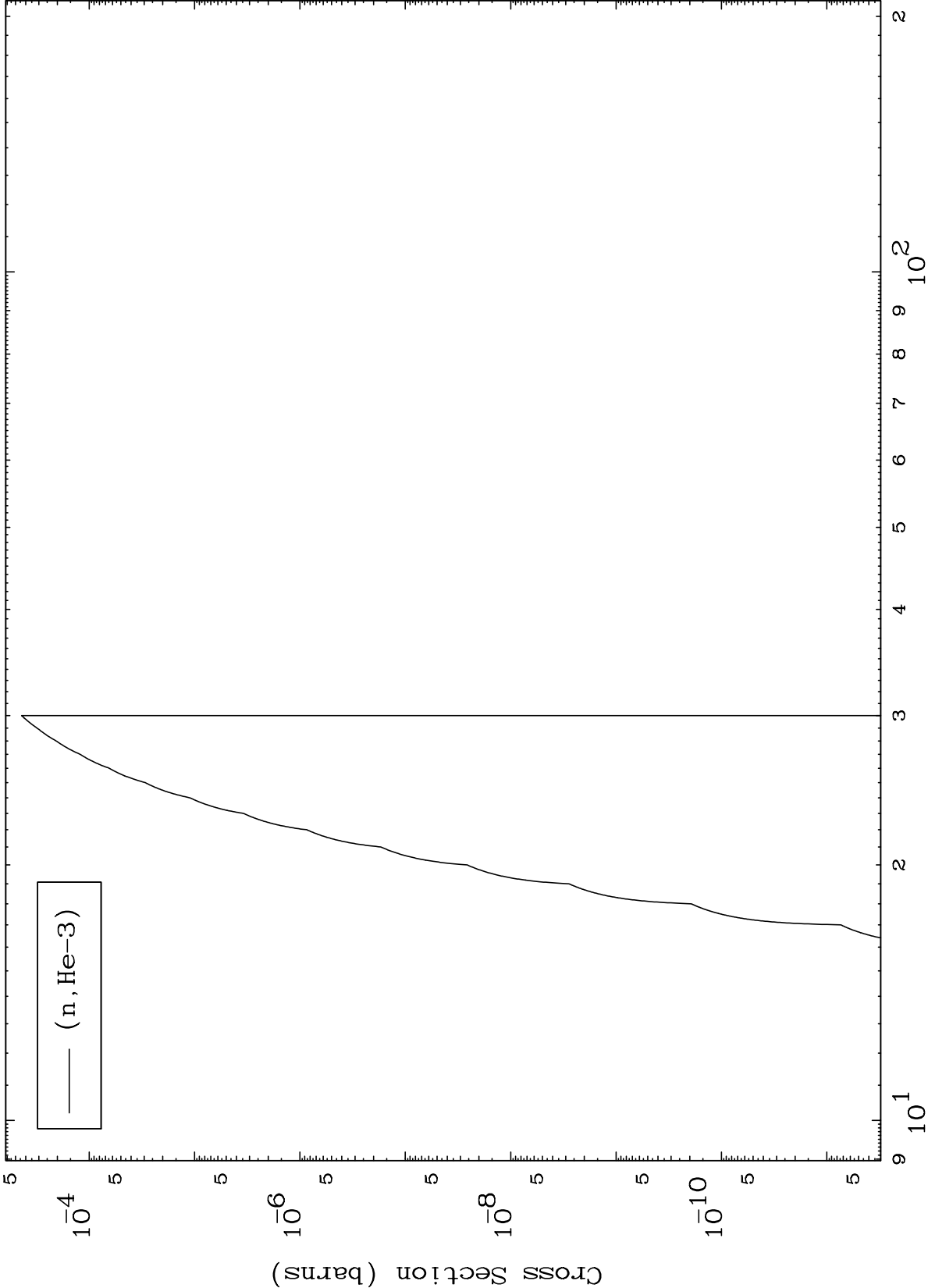
54-Xe-133



MAT 5452

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-133



13

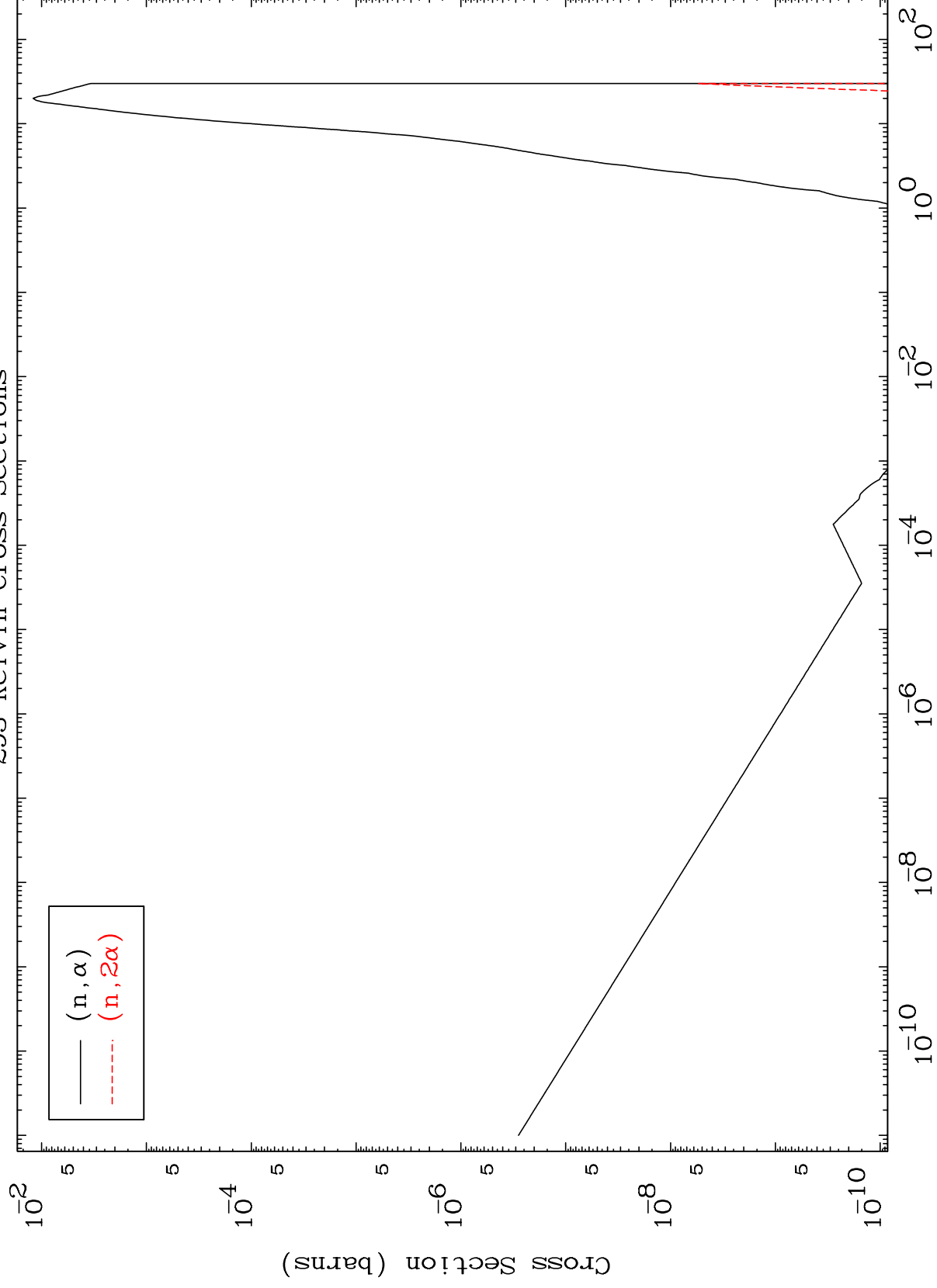
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n, α) Levels
293 Kelvin Cross Sections

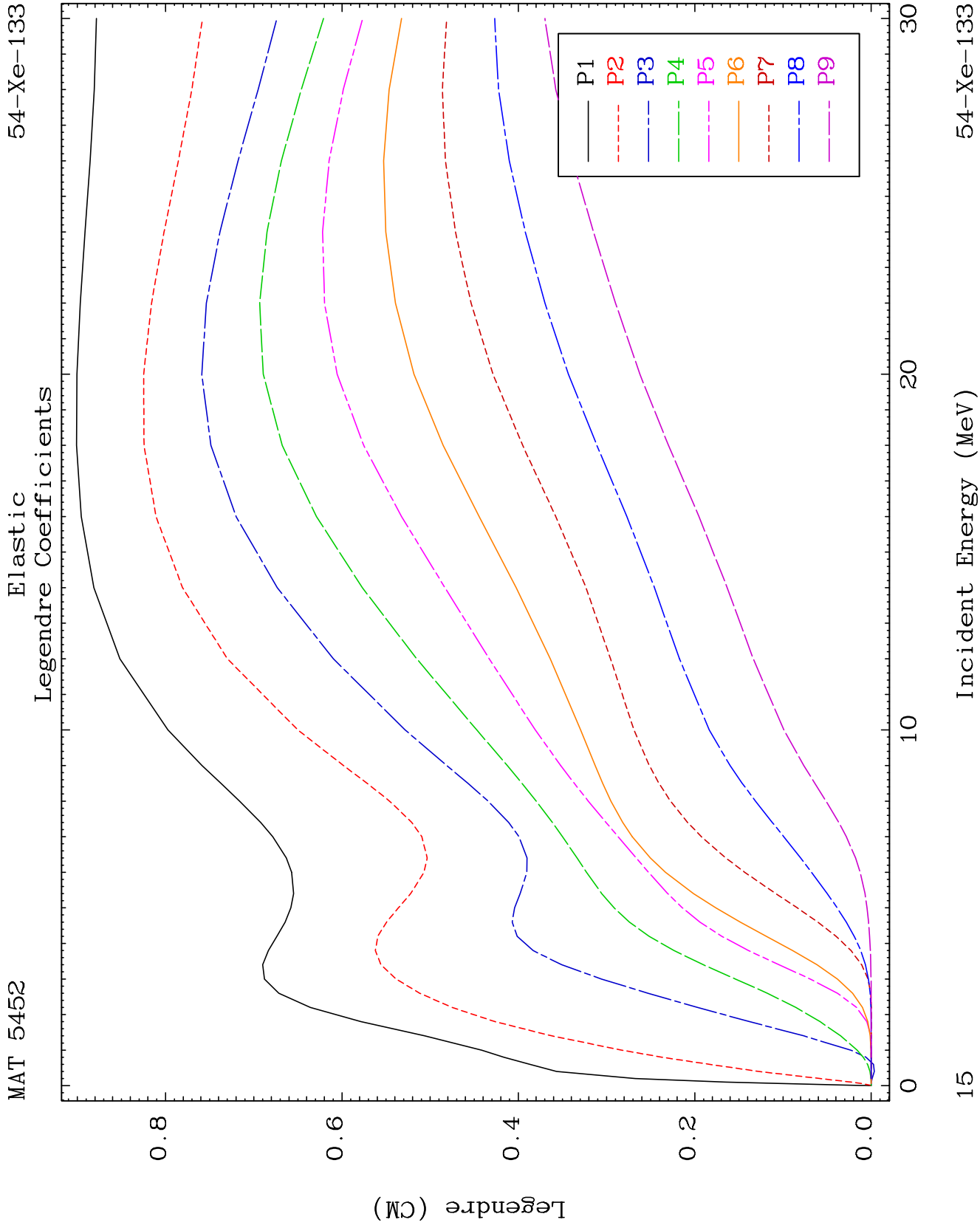
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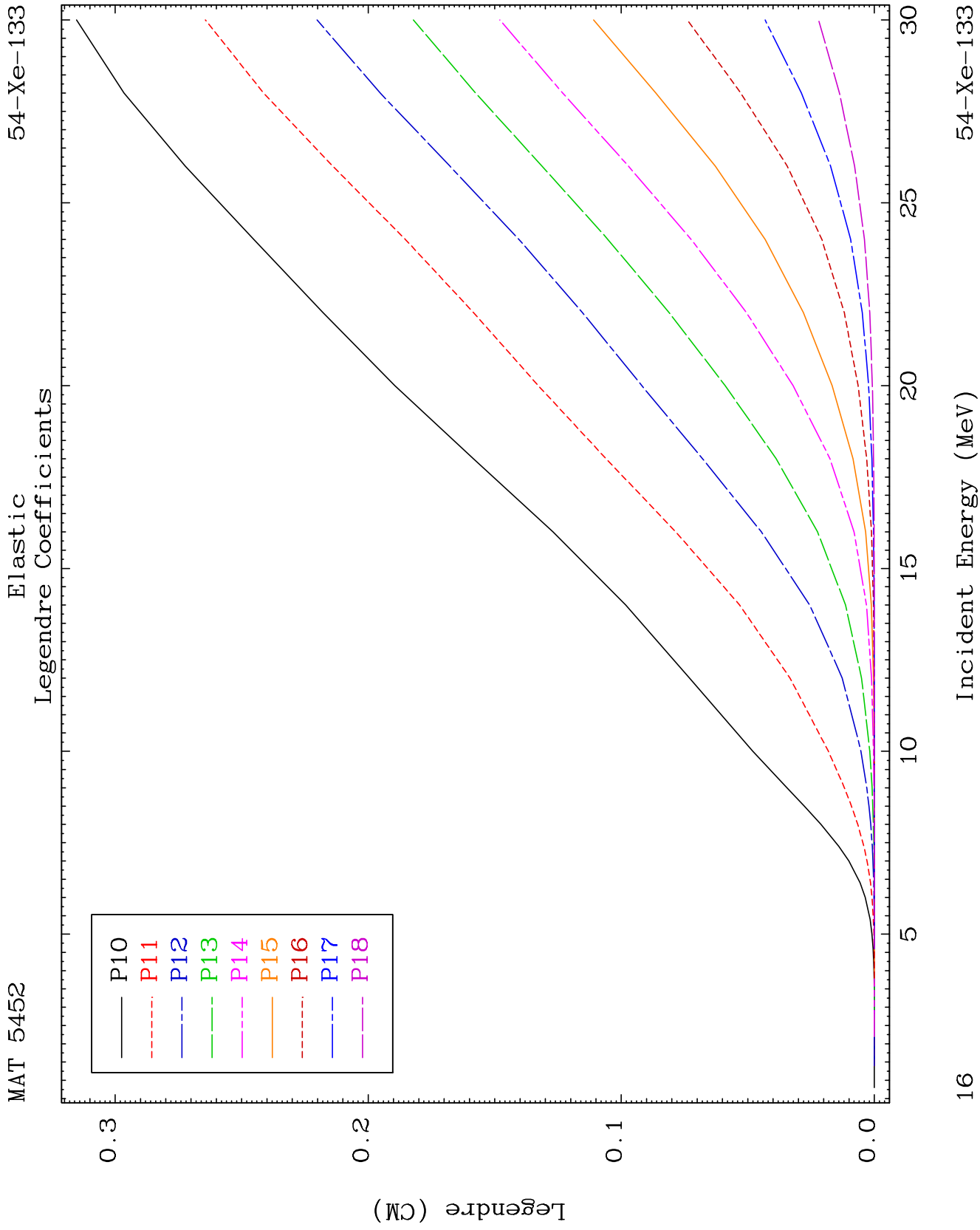


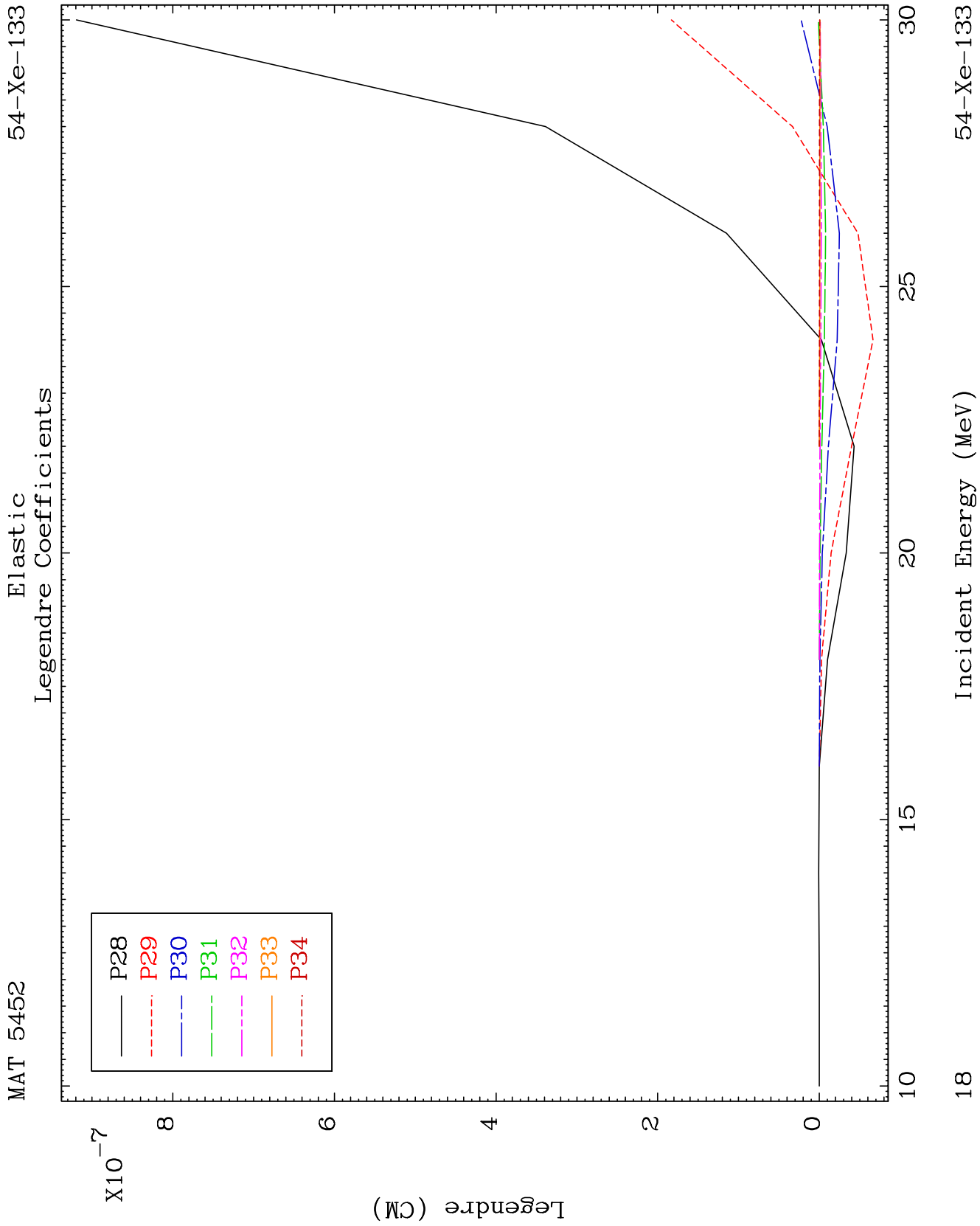
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Incident Energy (MeV)

54-Xe-133



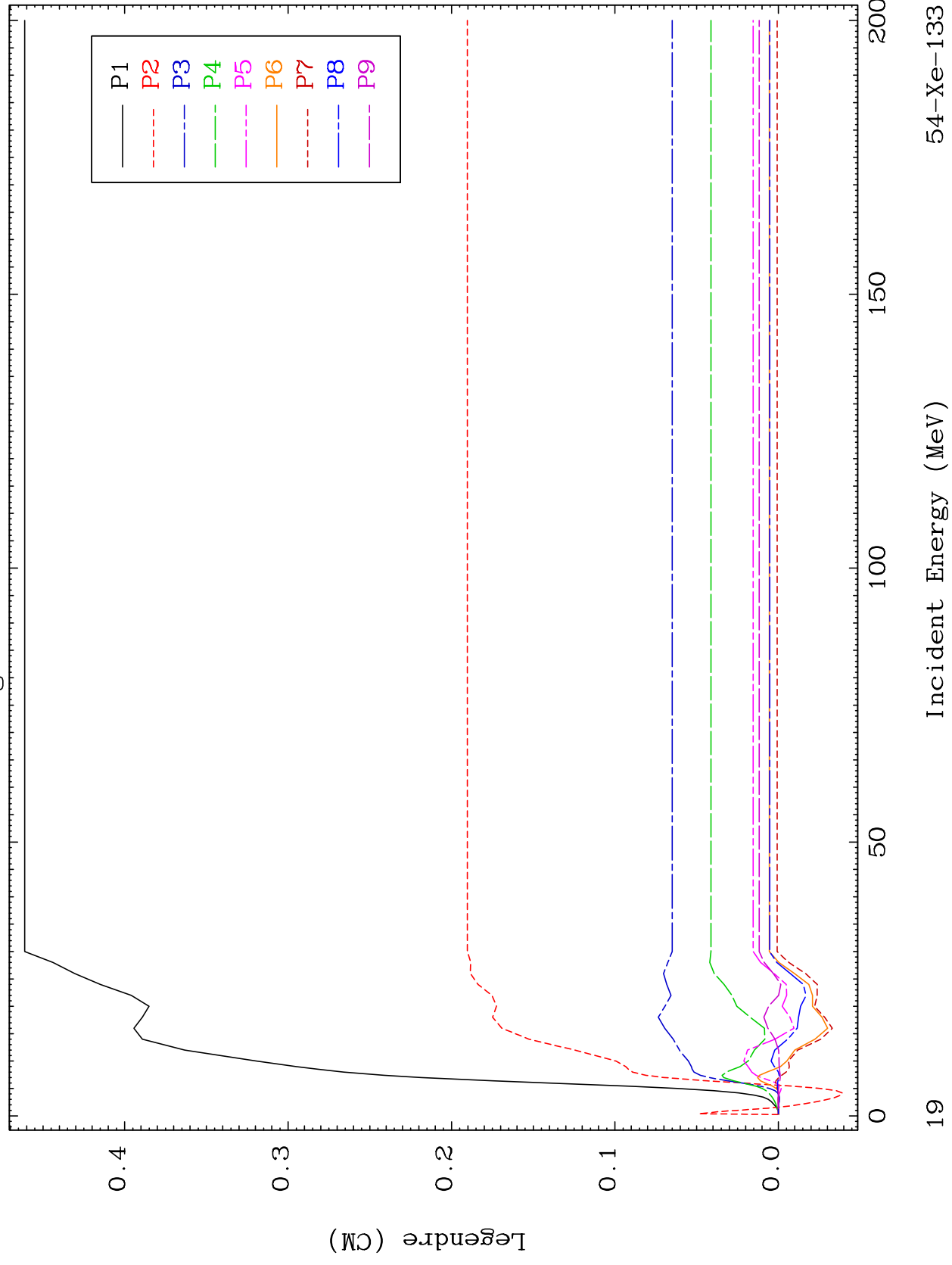


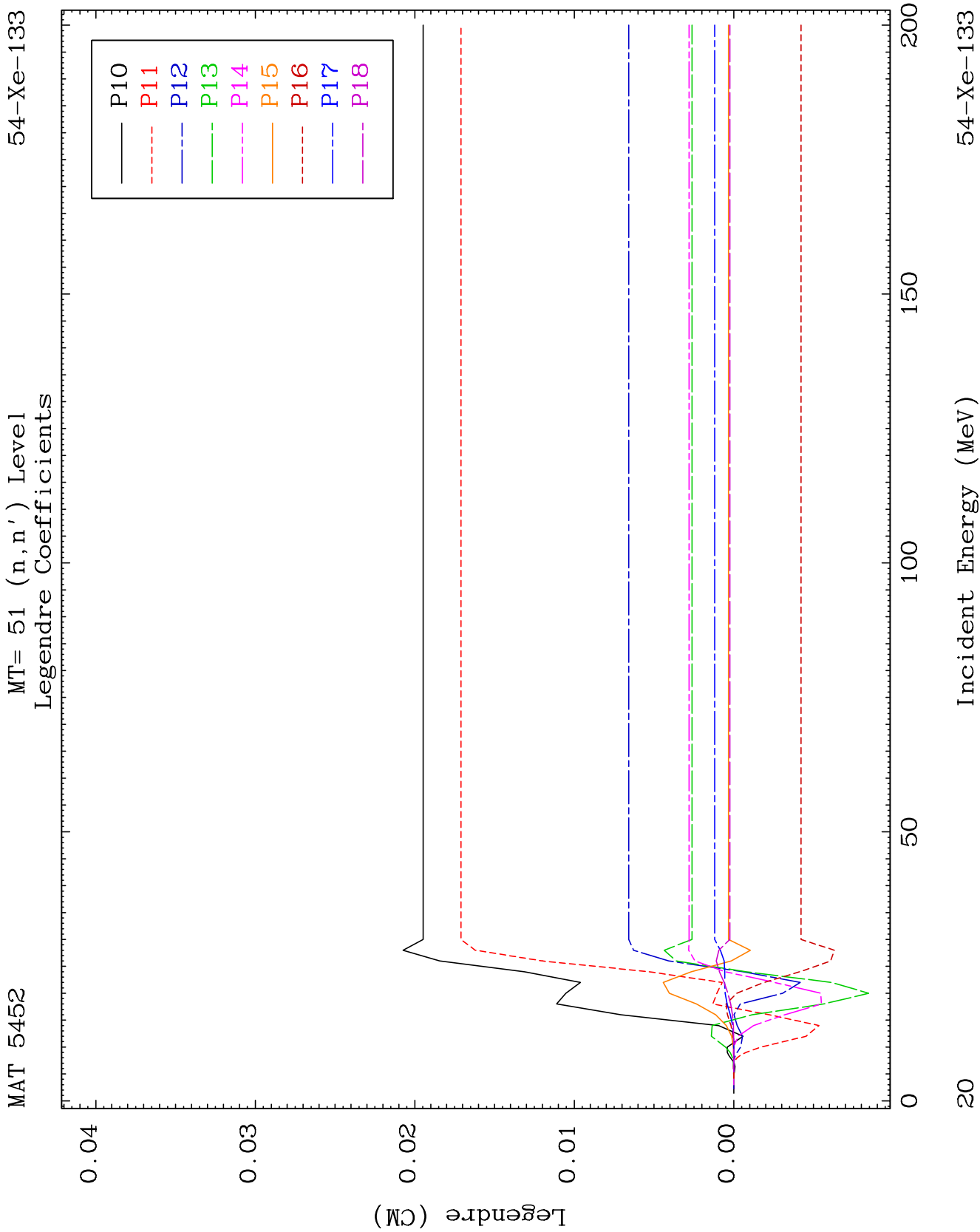


MAT 5452

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

54-Xe-133

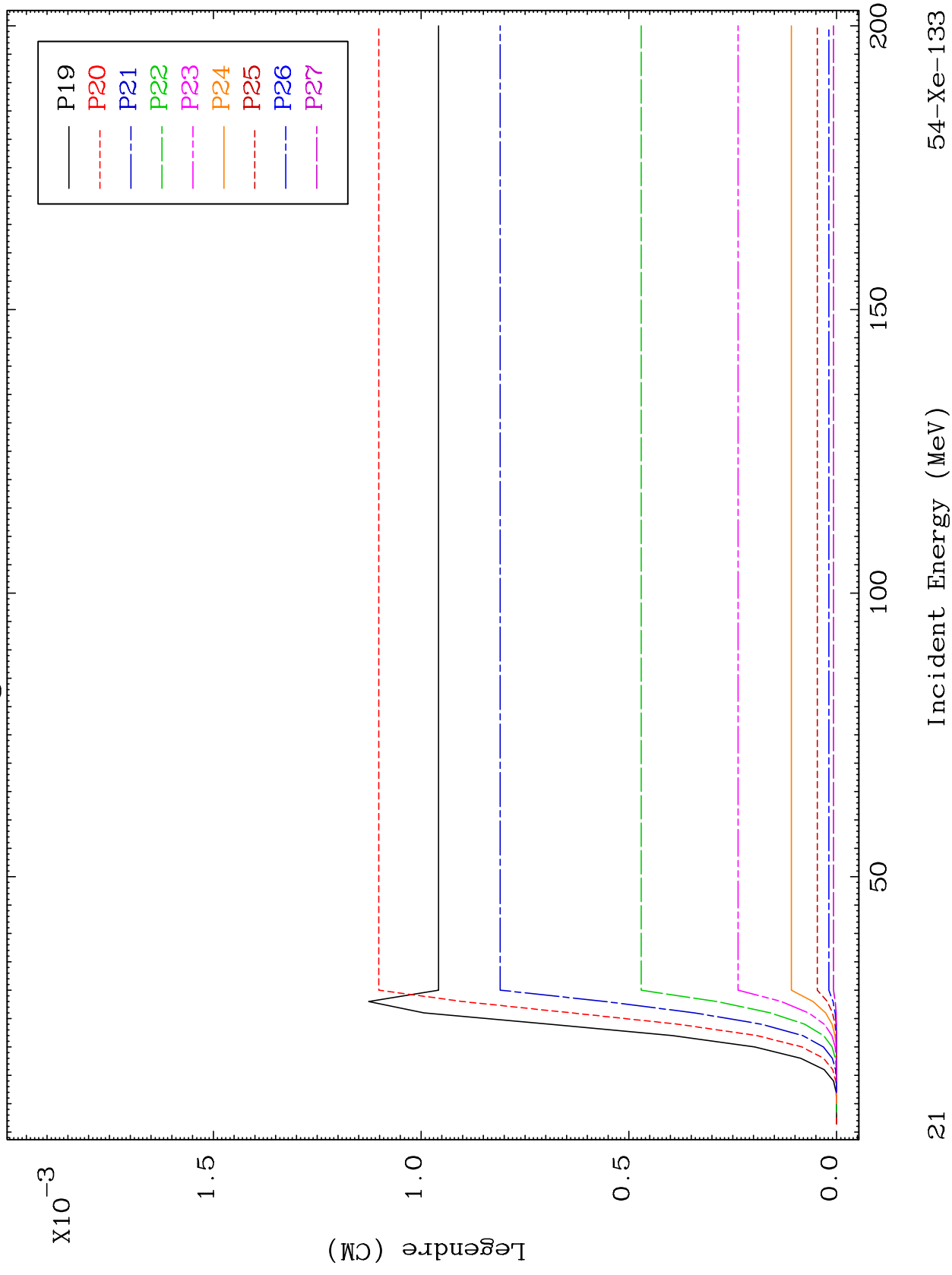


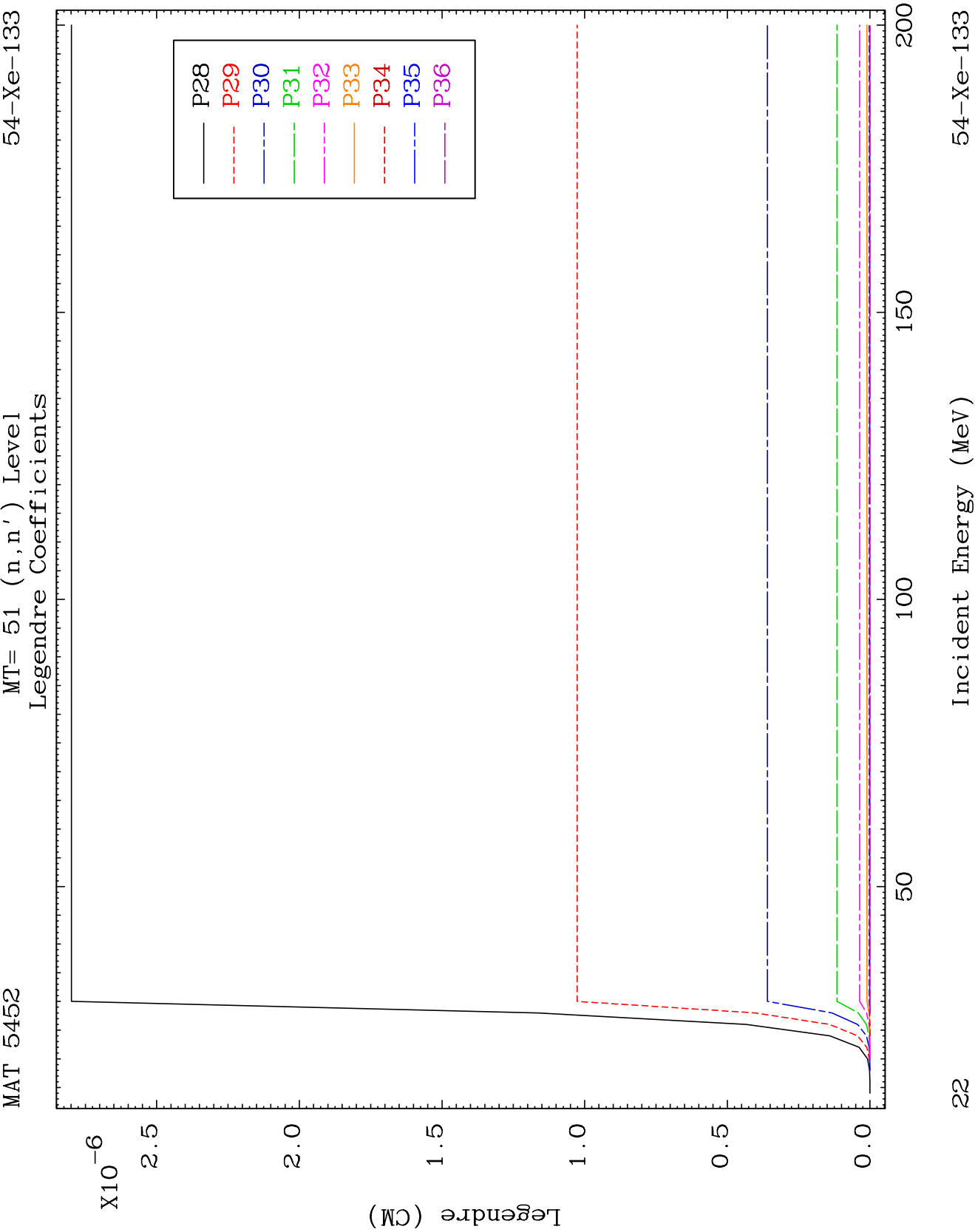


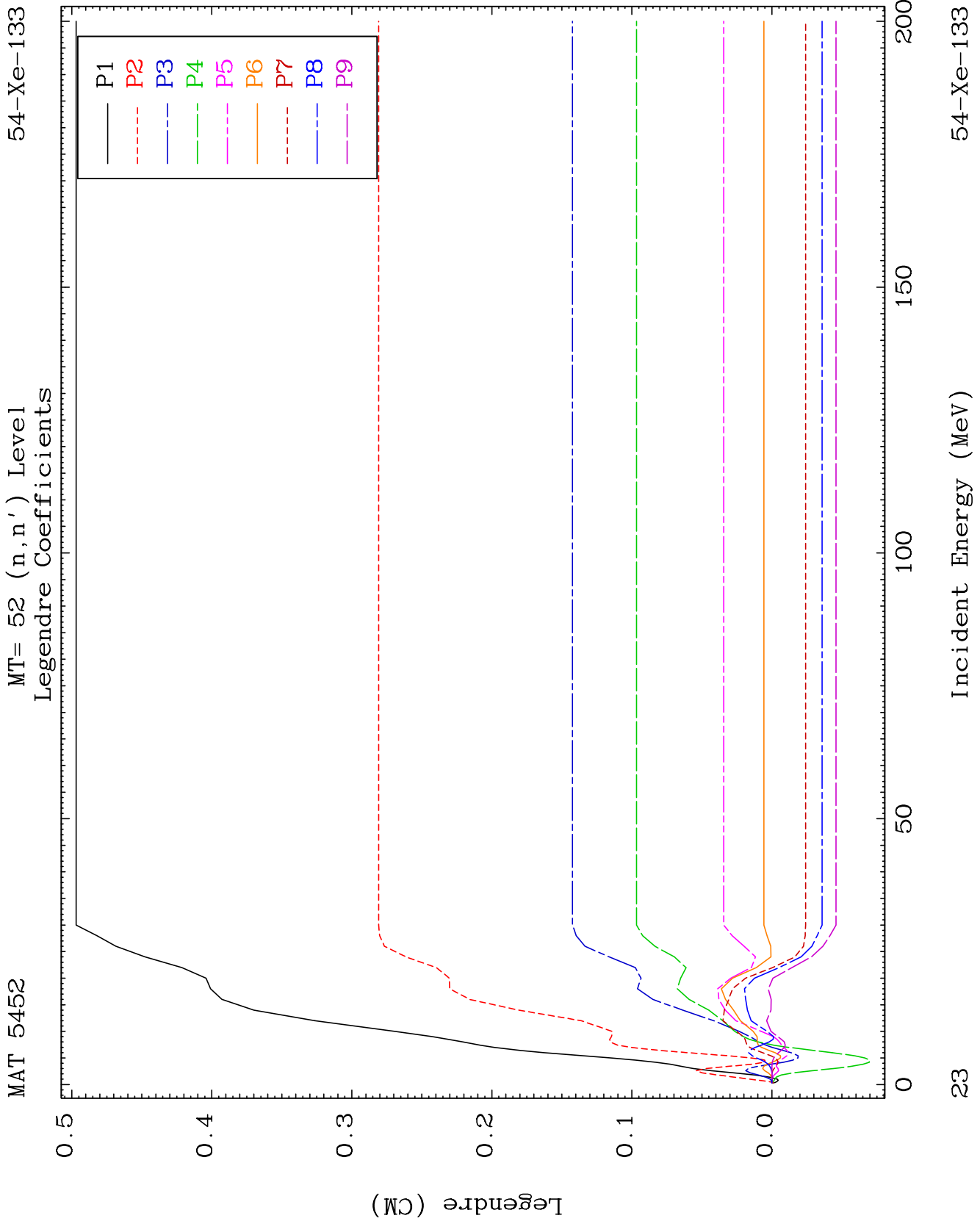
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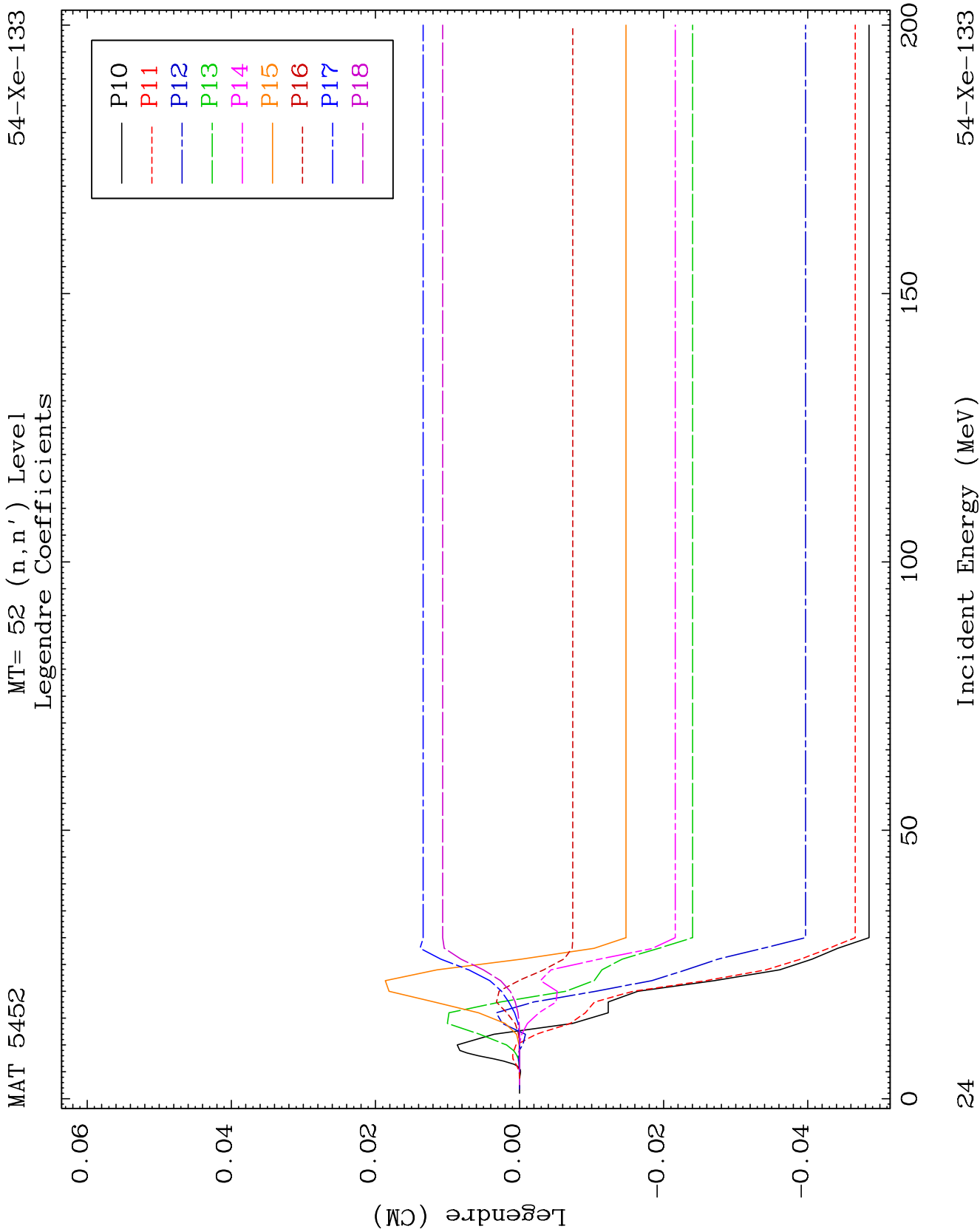
MT= 51 (n, n') Level
Legendre Coefficients

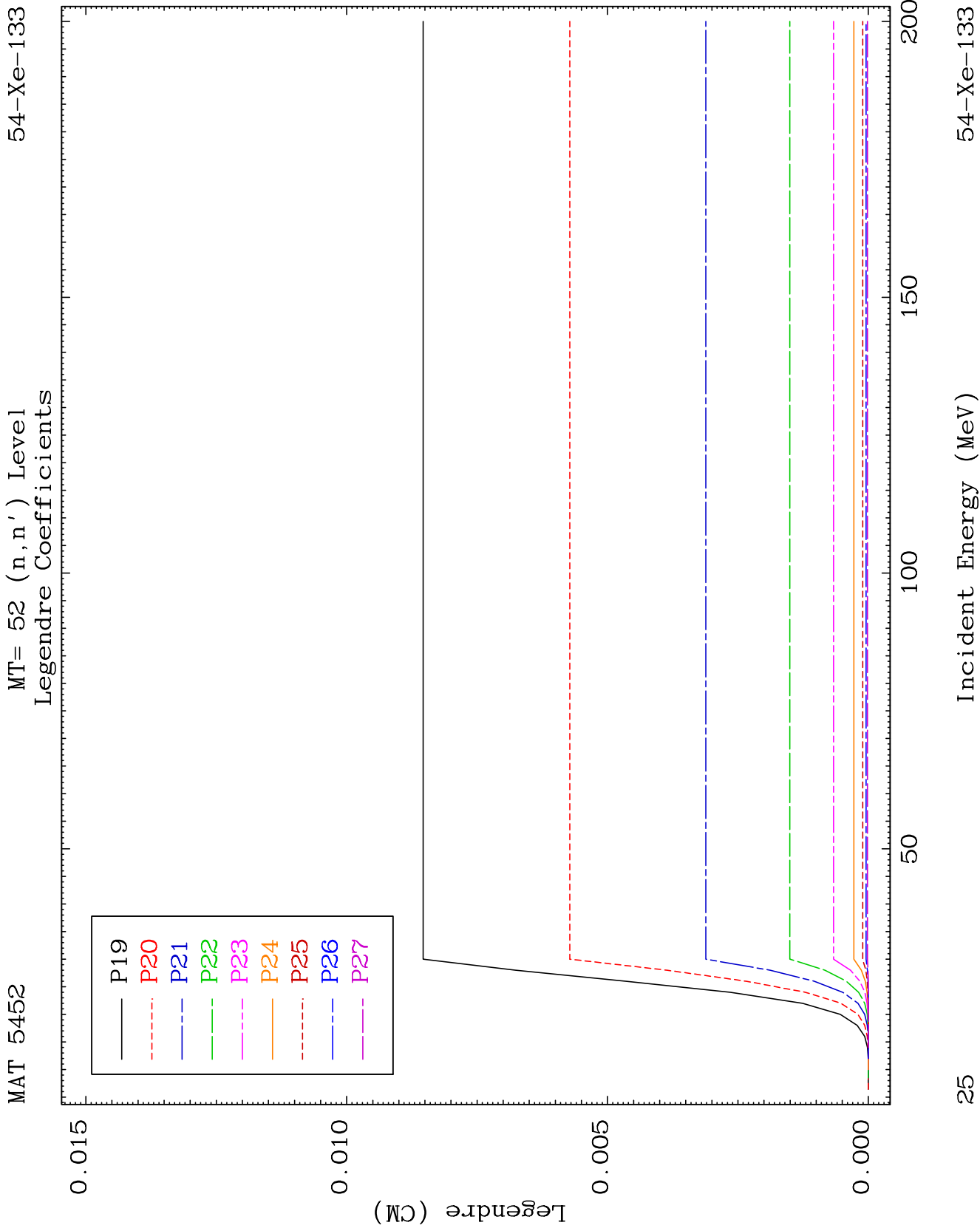
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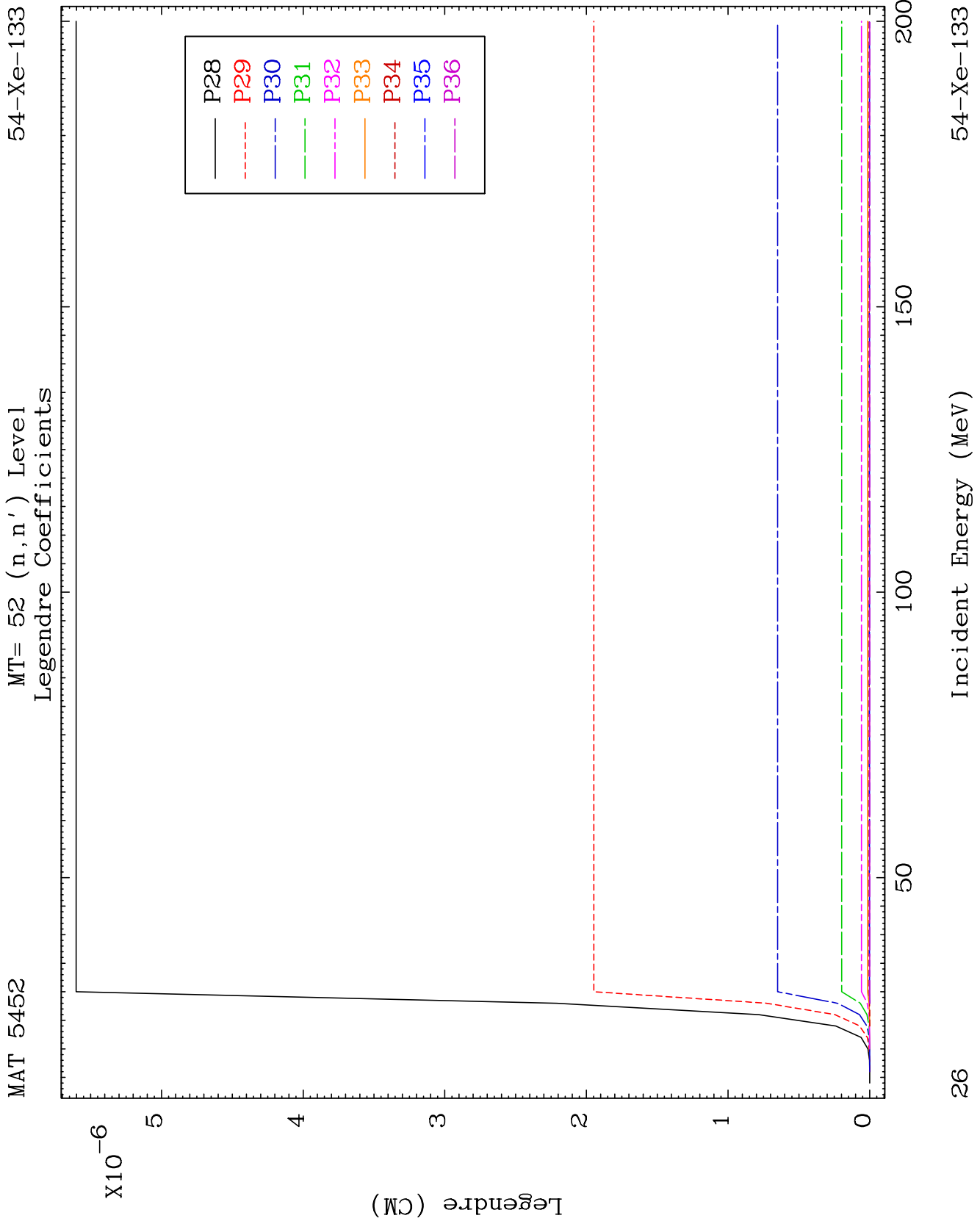


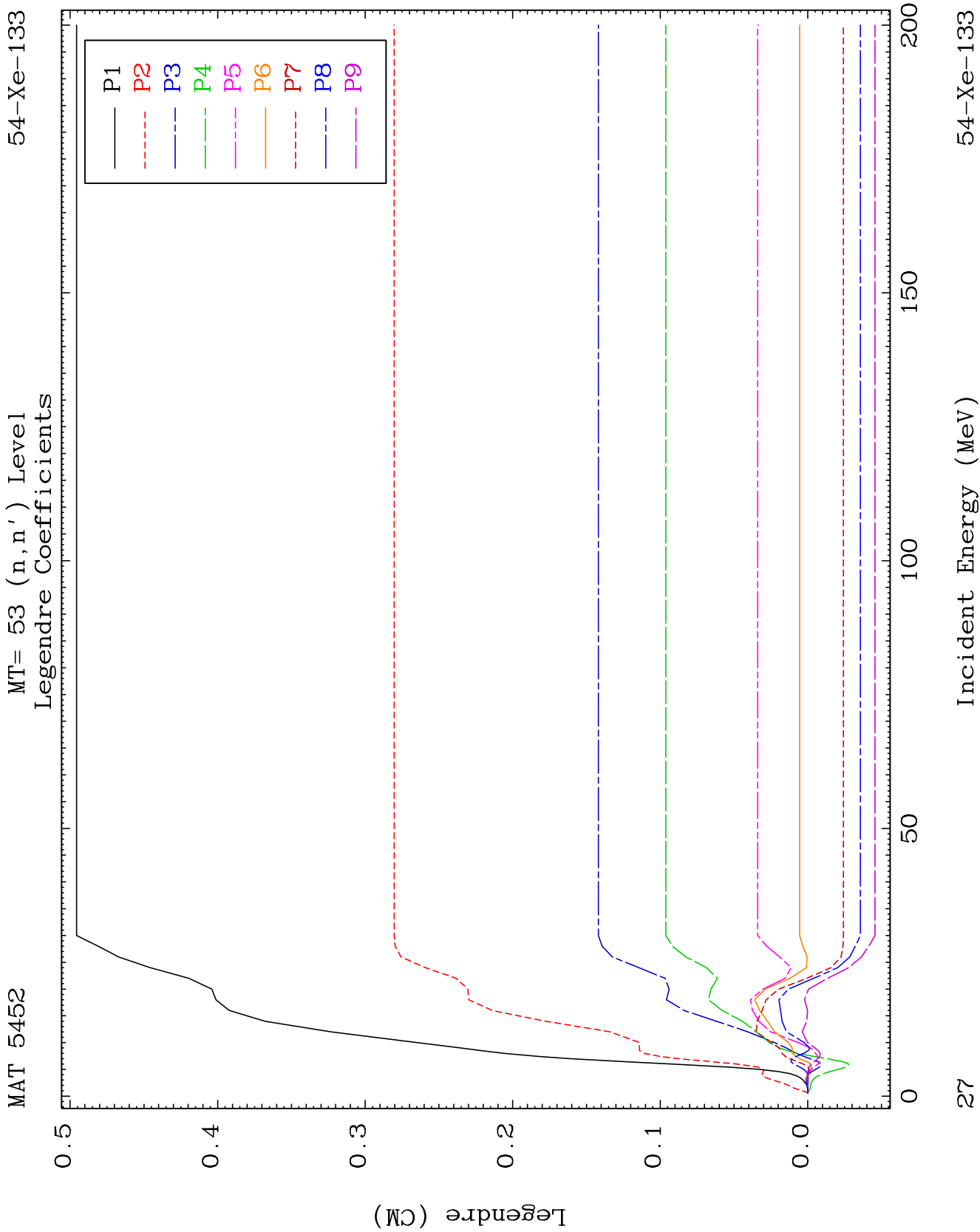


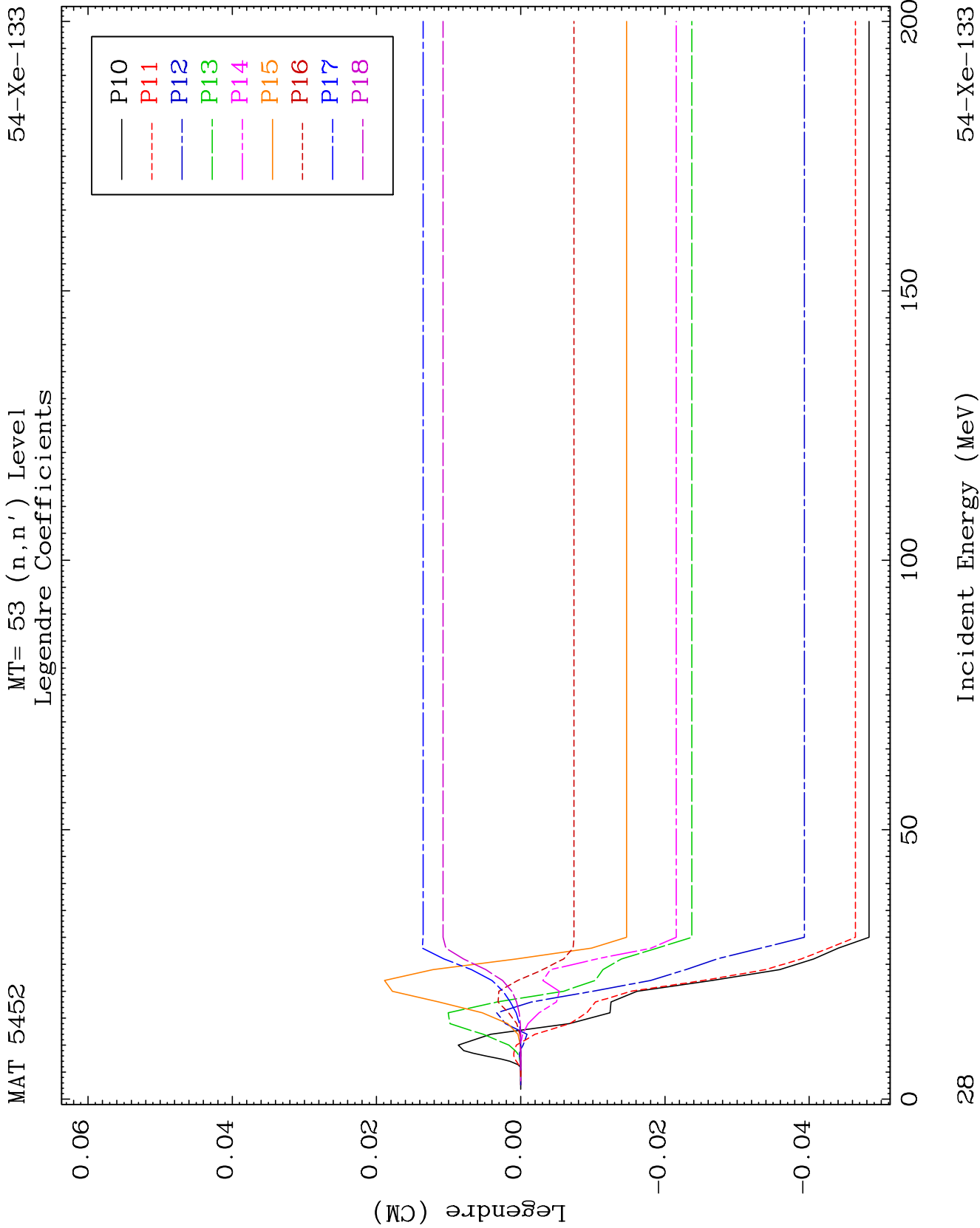


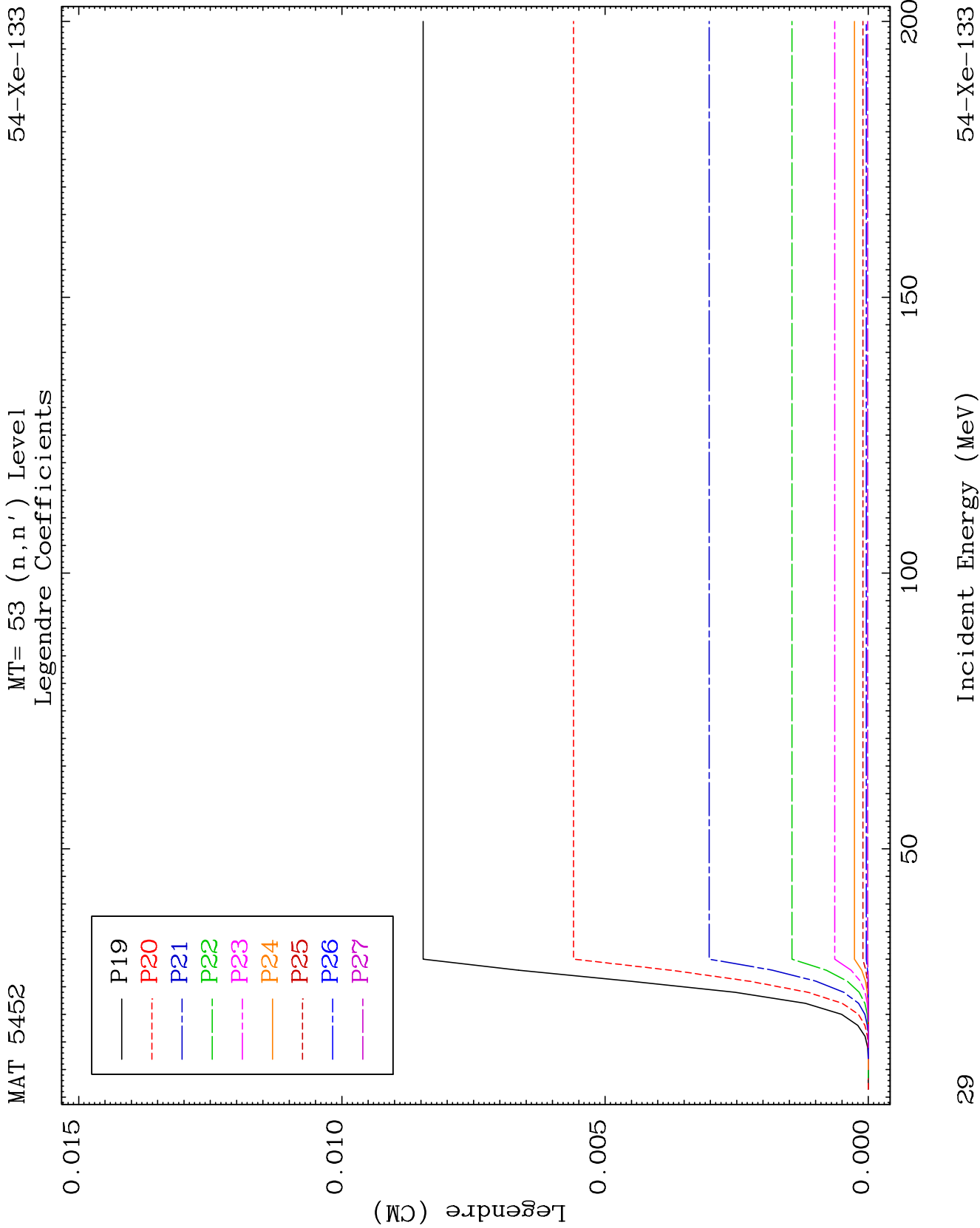


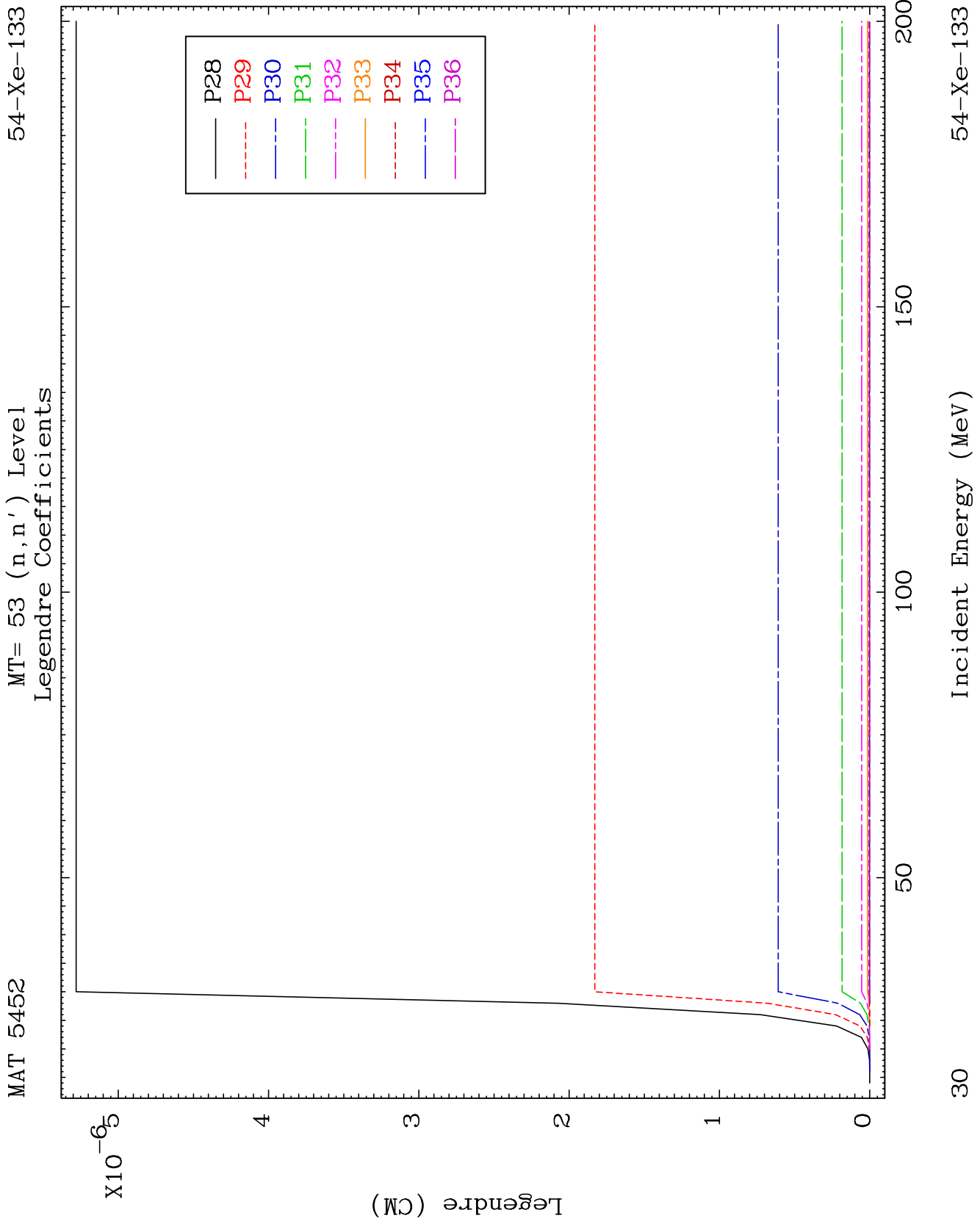


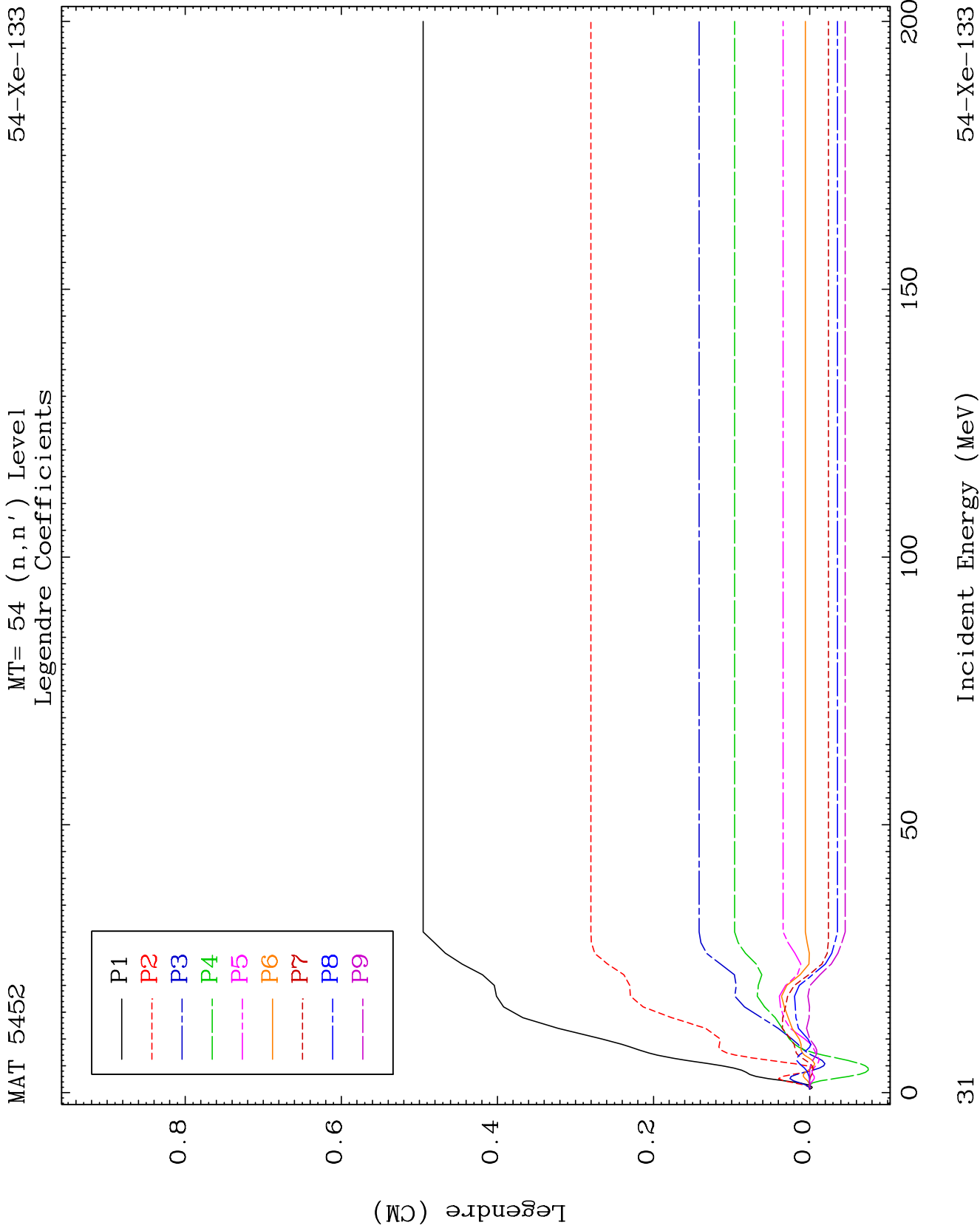


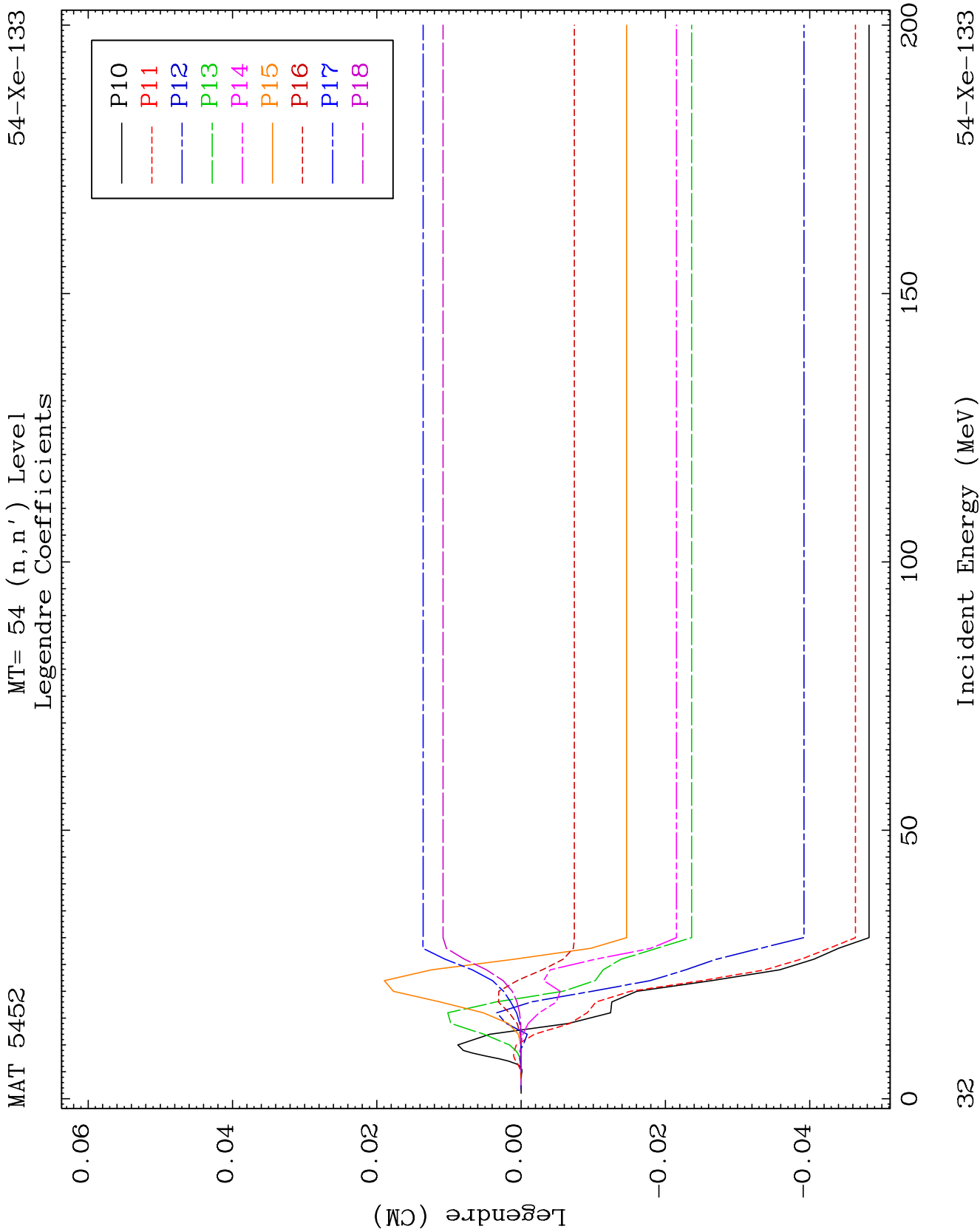


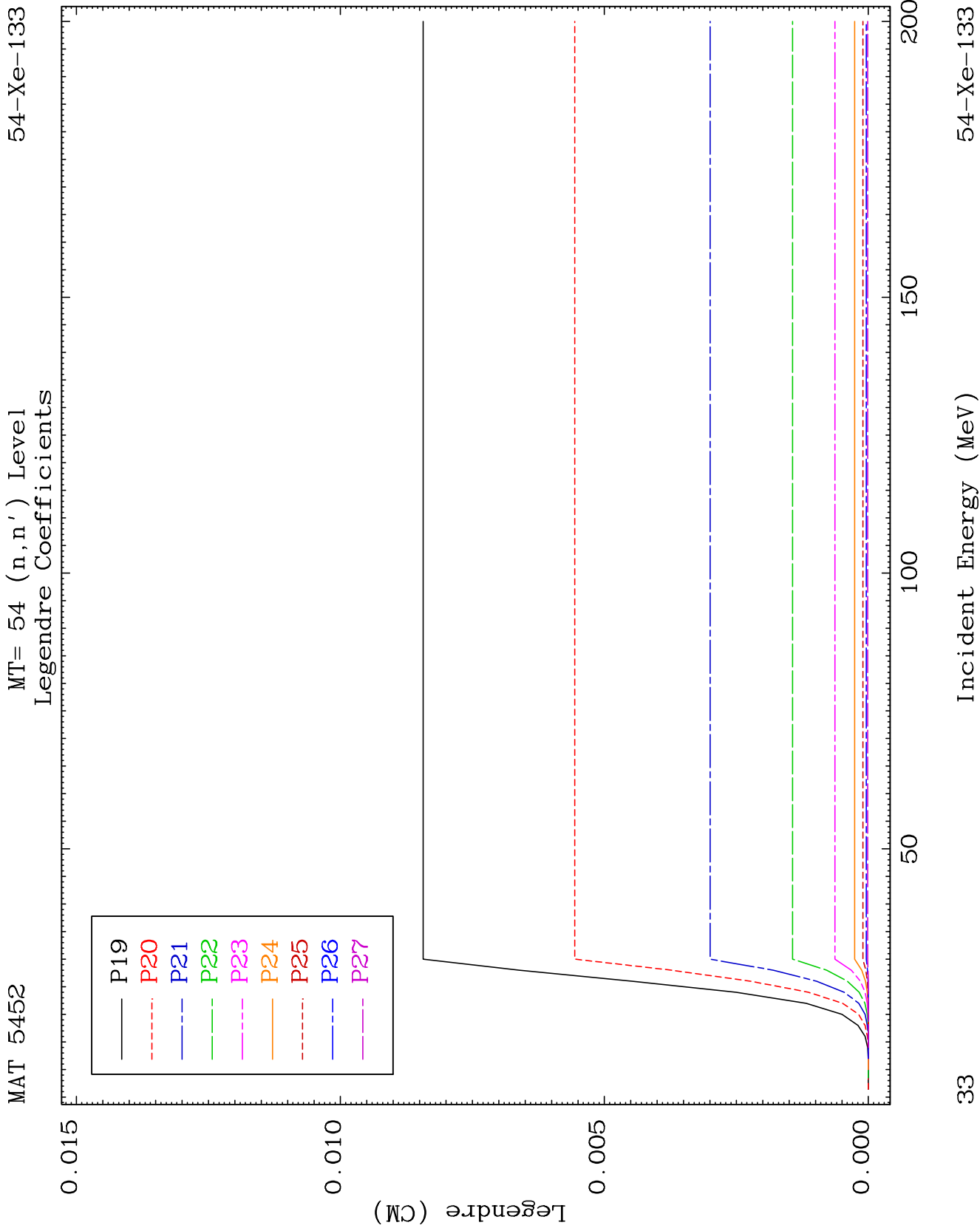


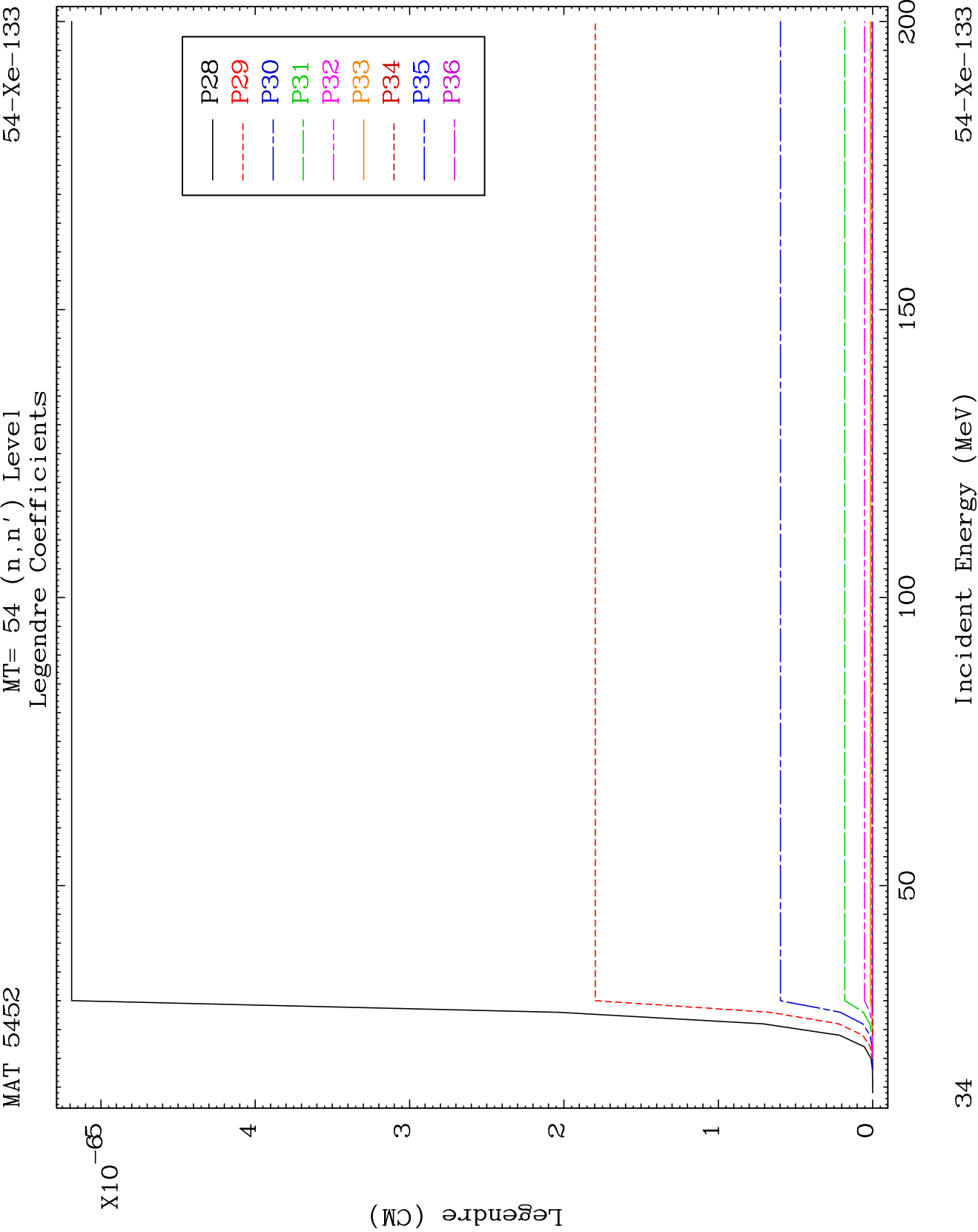








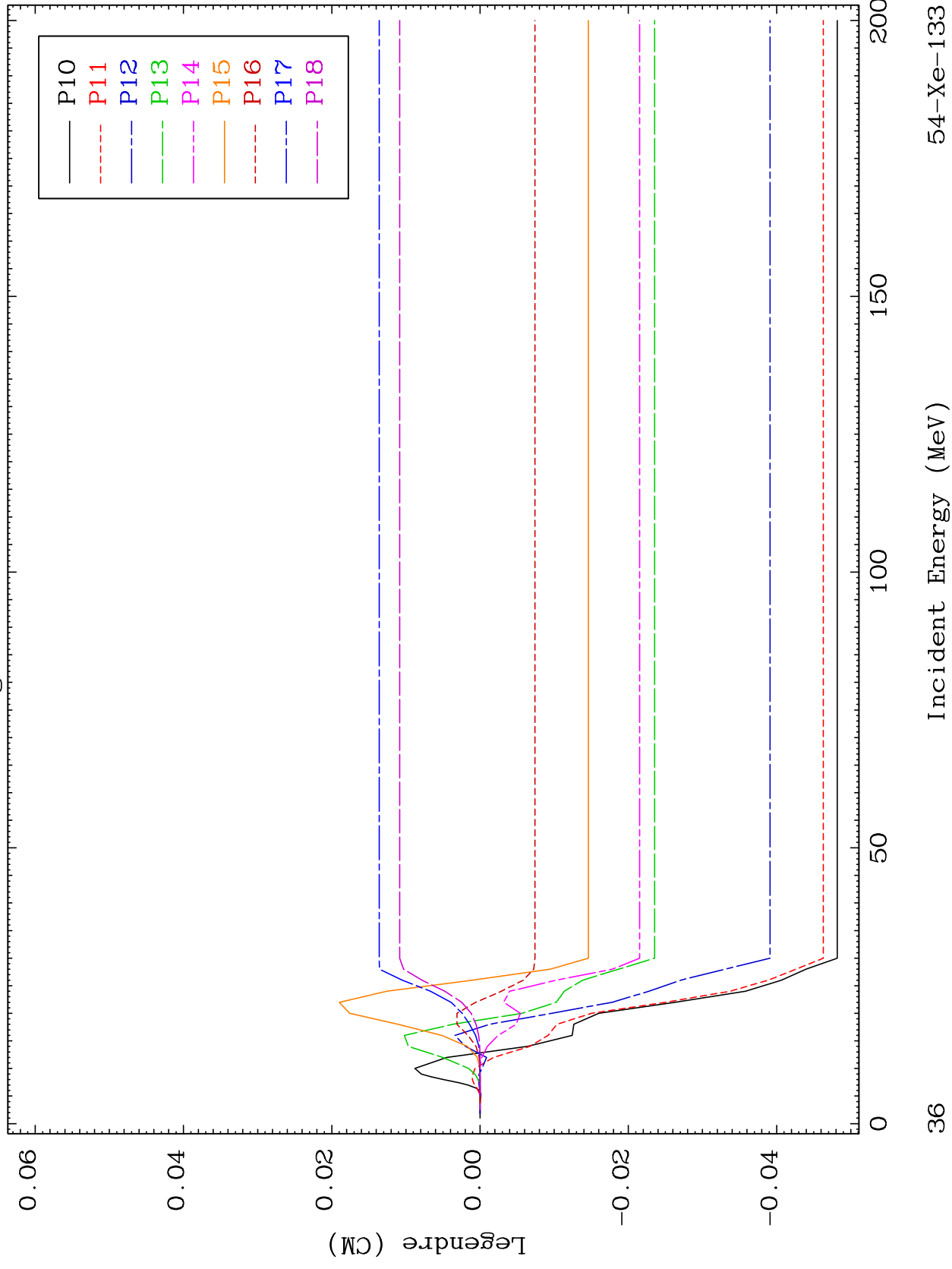


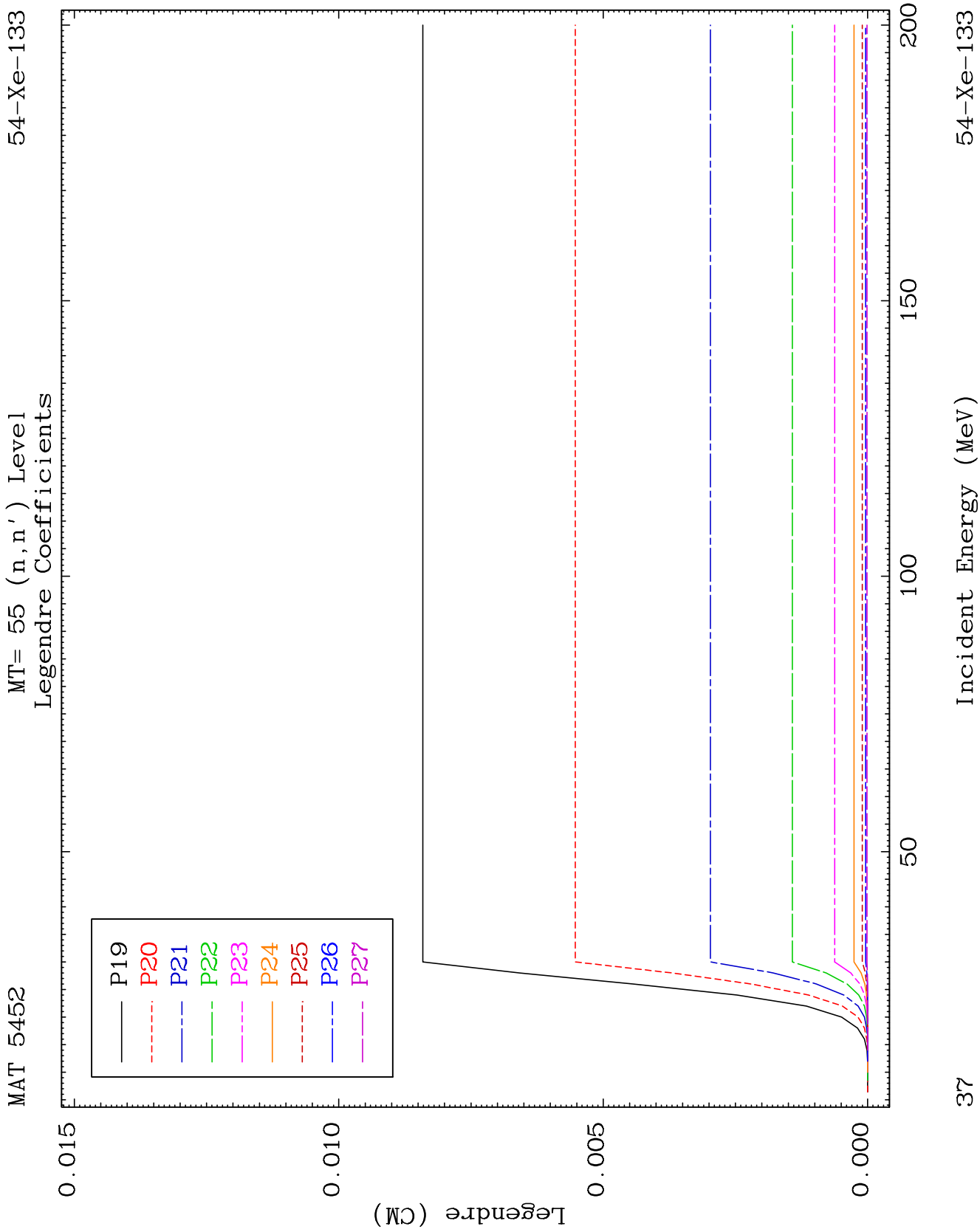


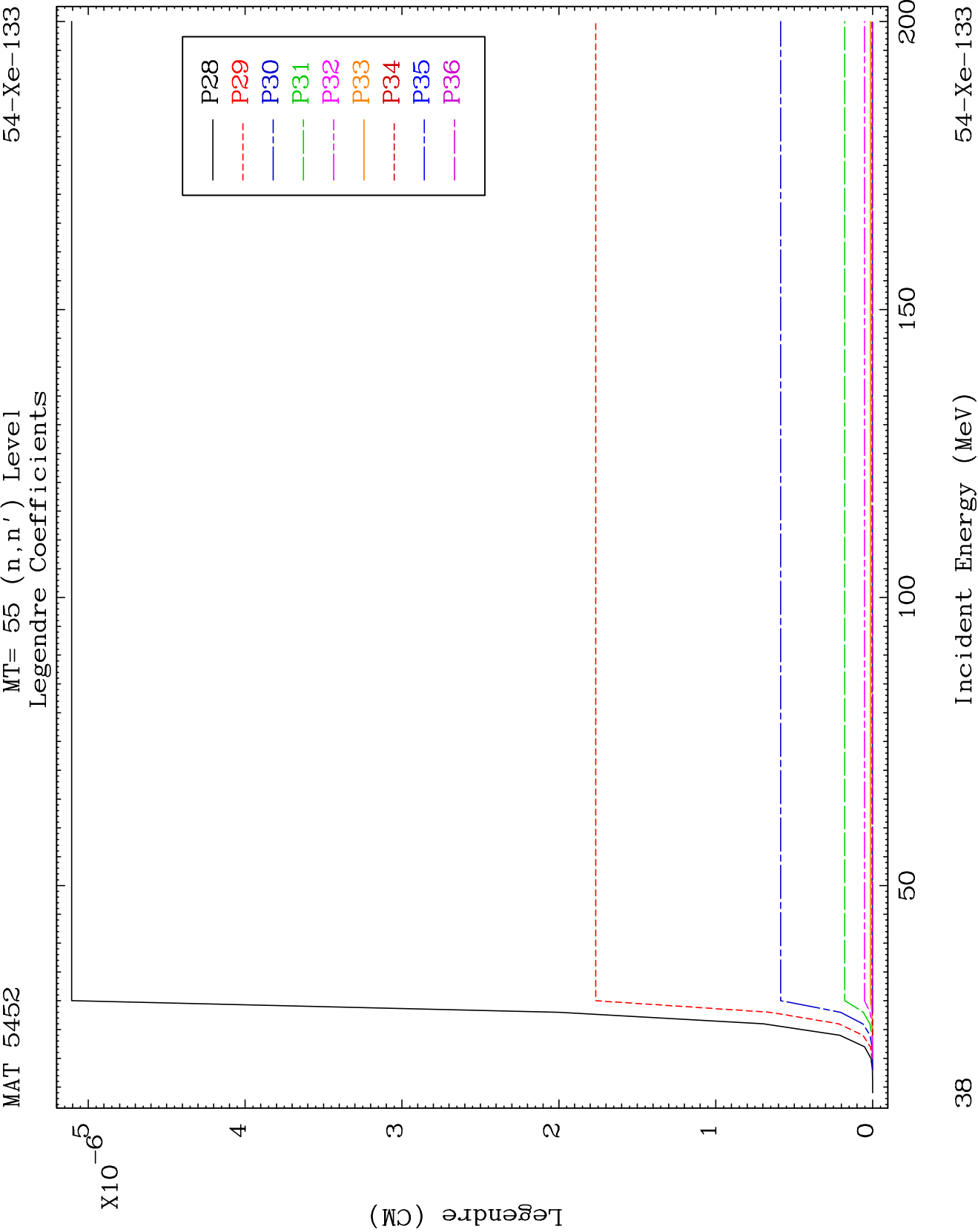
MAT 5452

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

54-Xe-133



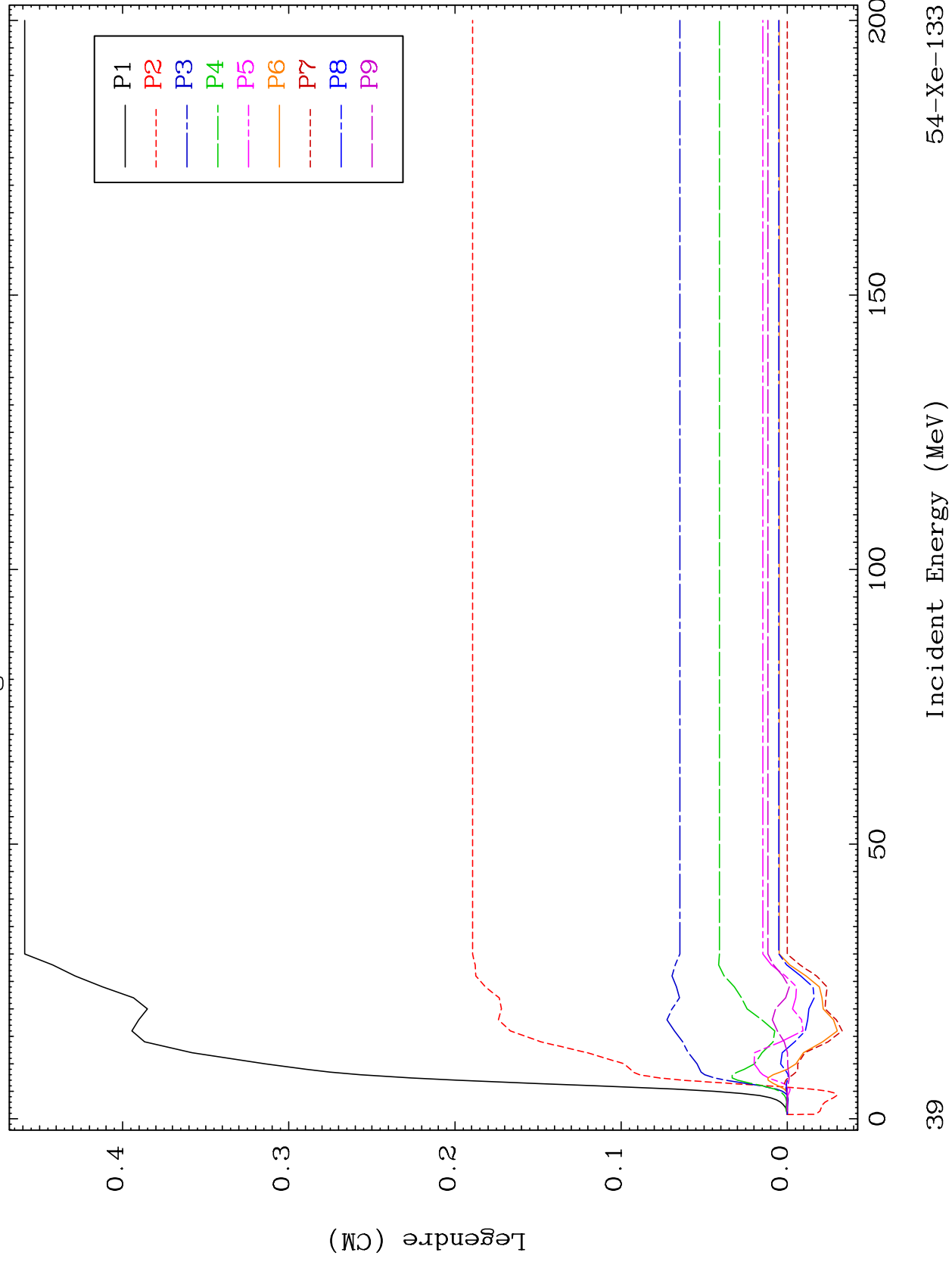


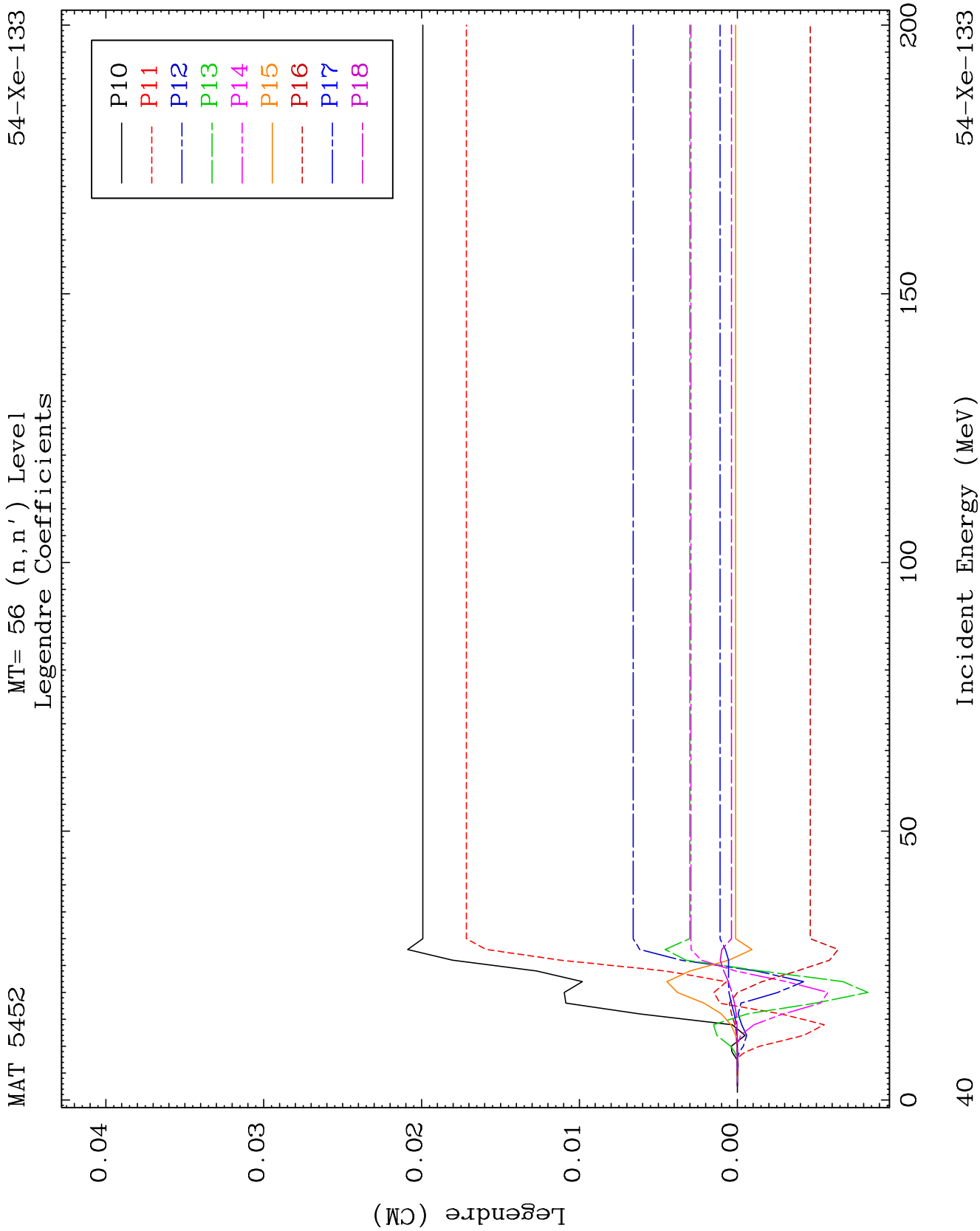


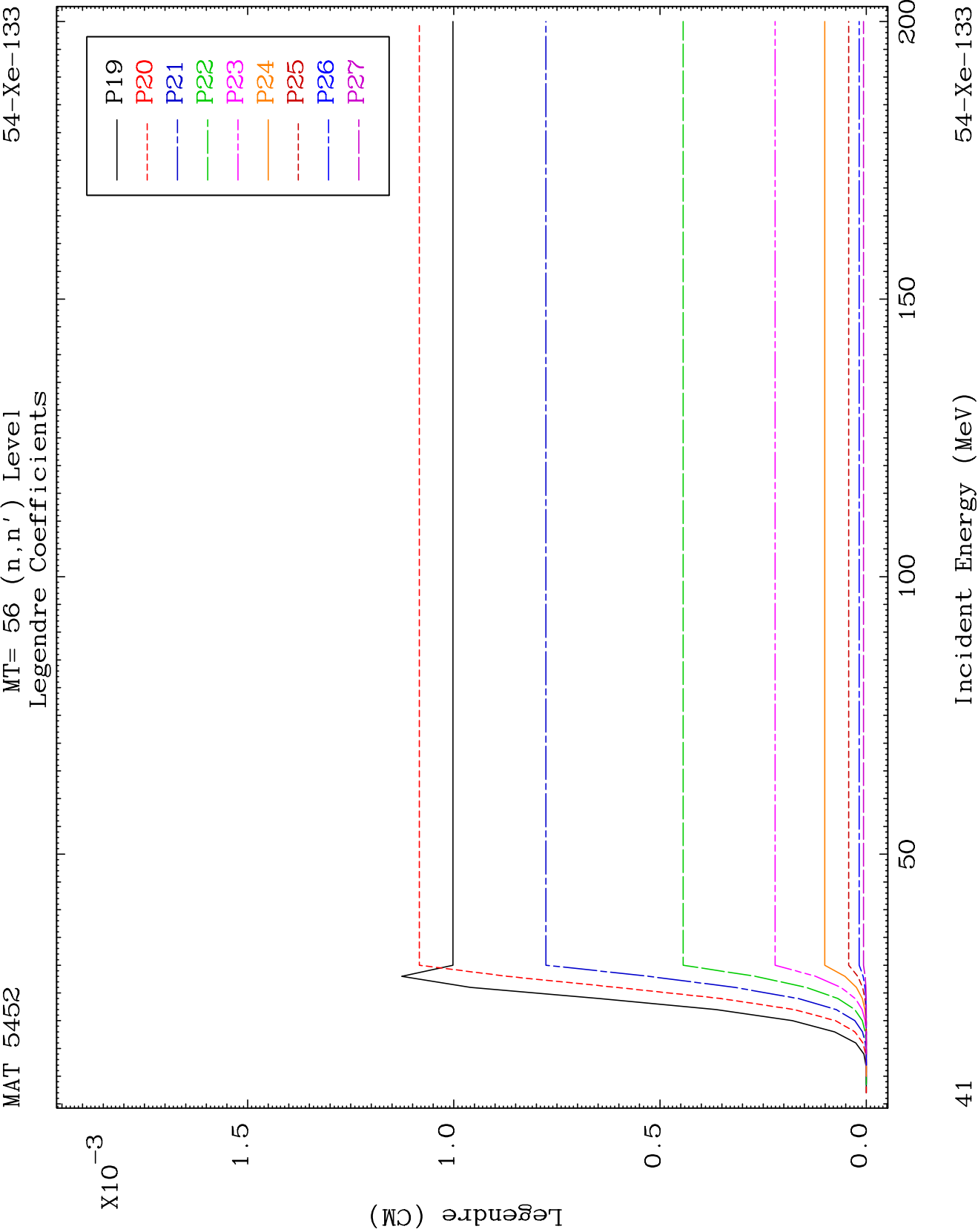
MAT 5452

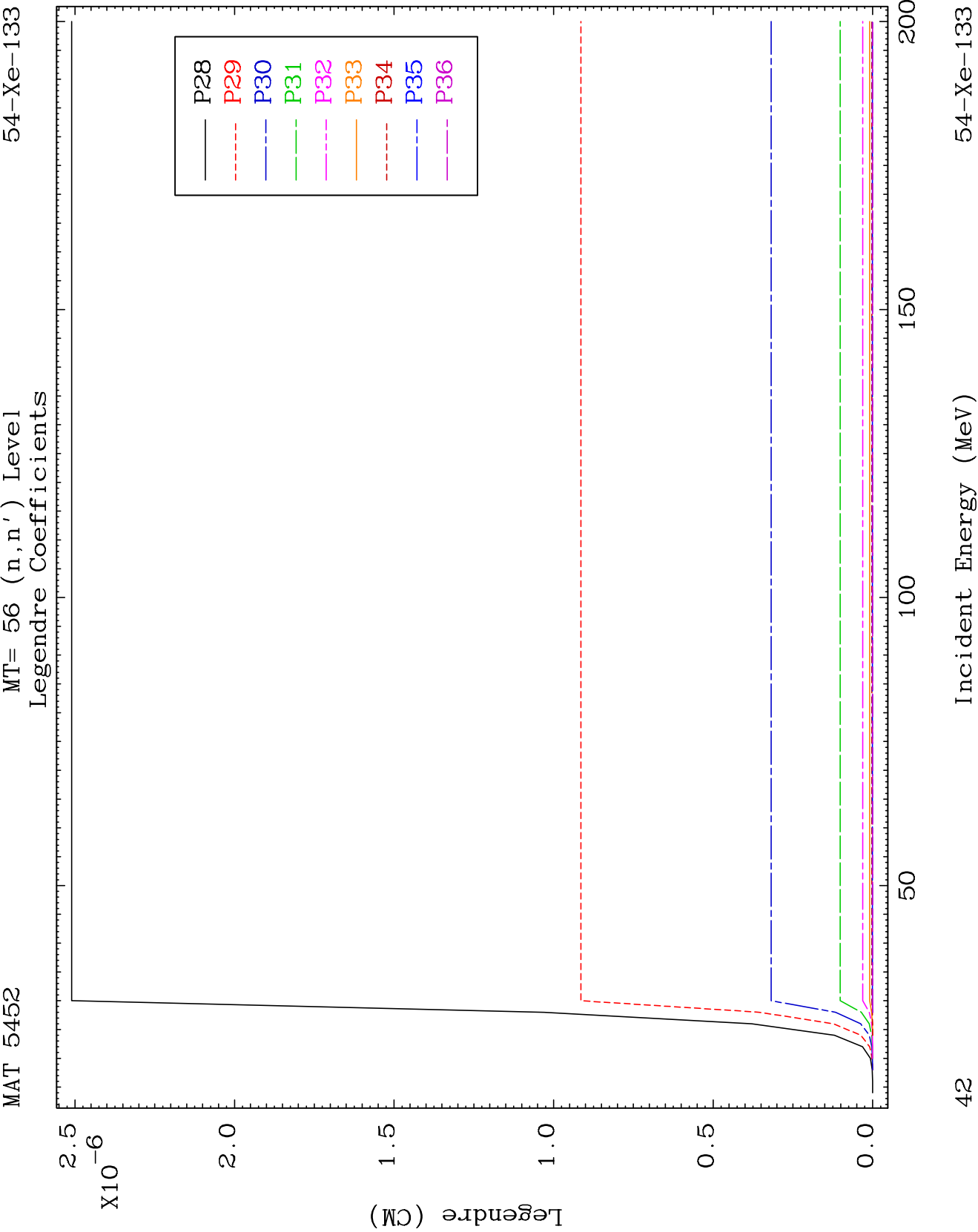
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Legendre Coefficients

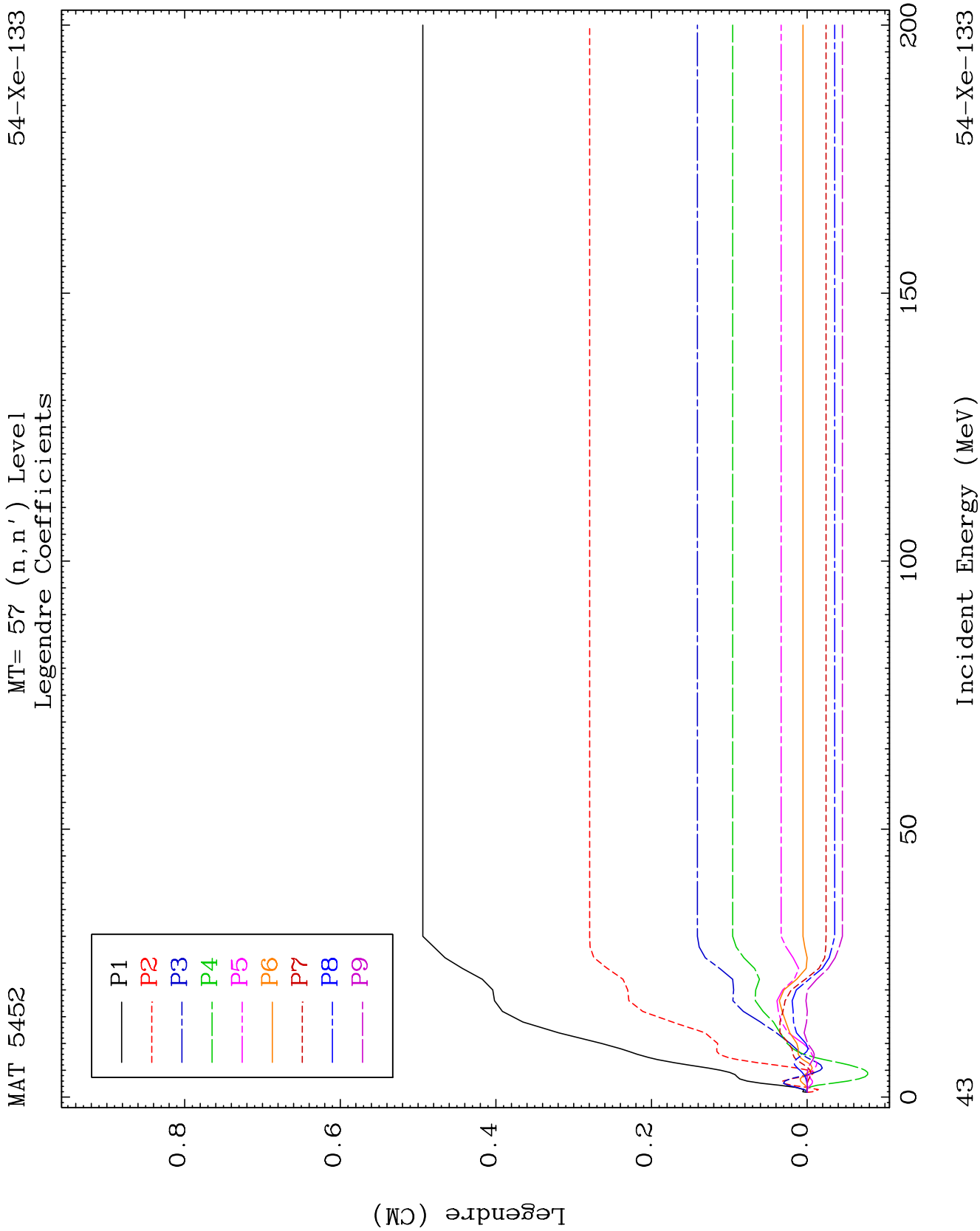
54-Xe-133

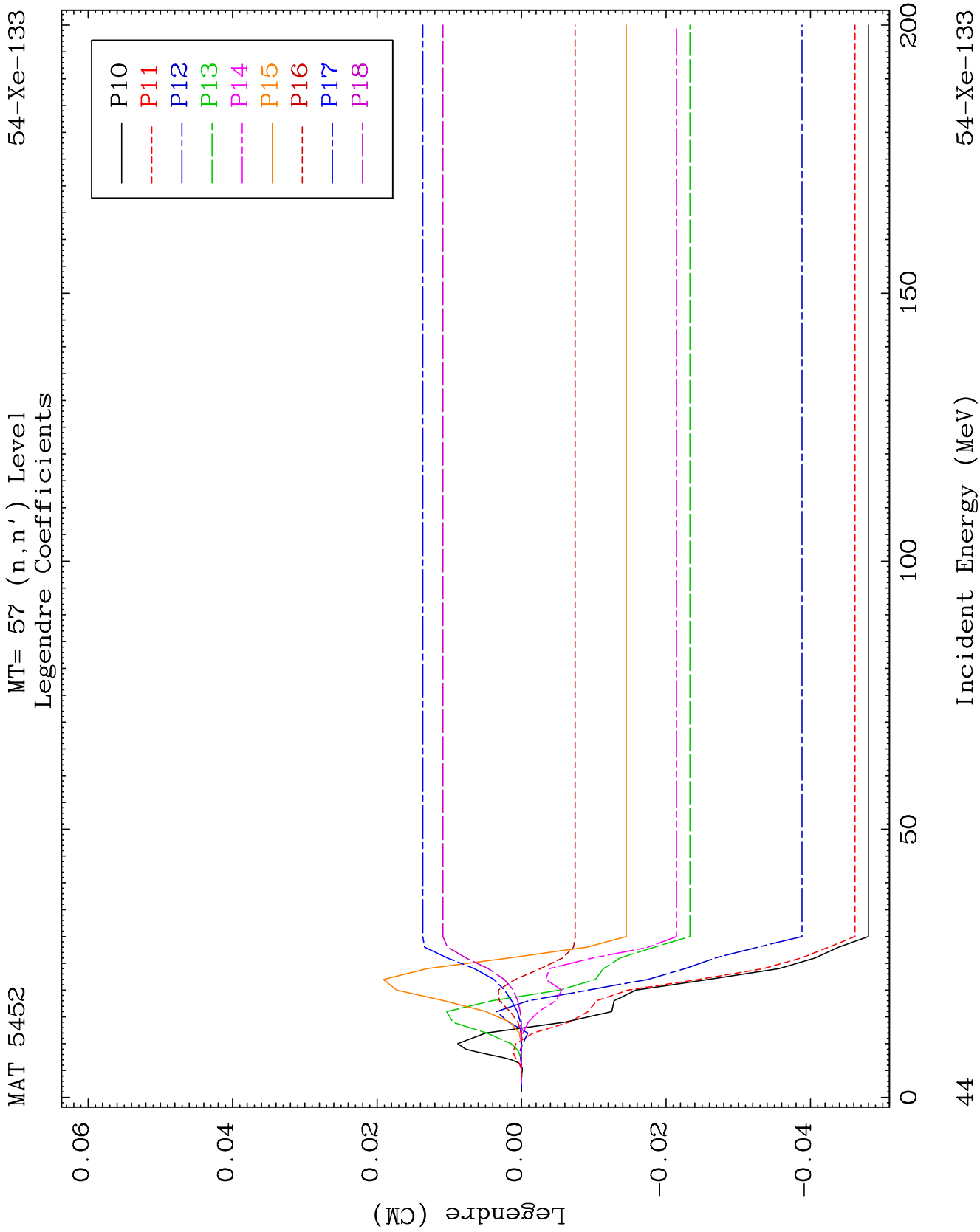








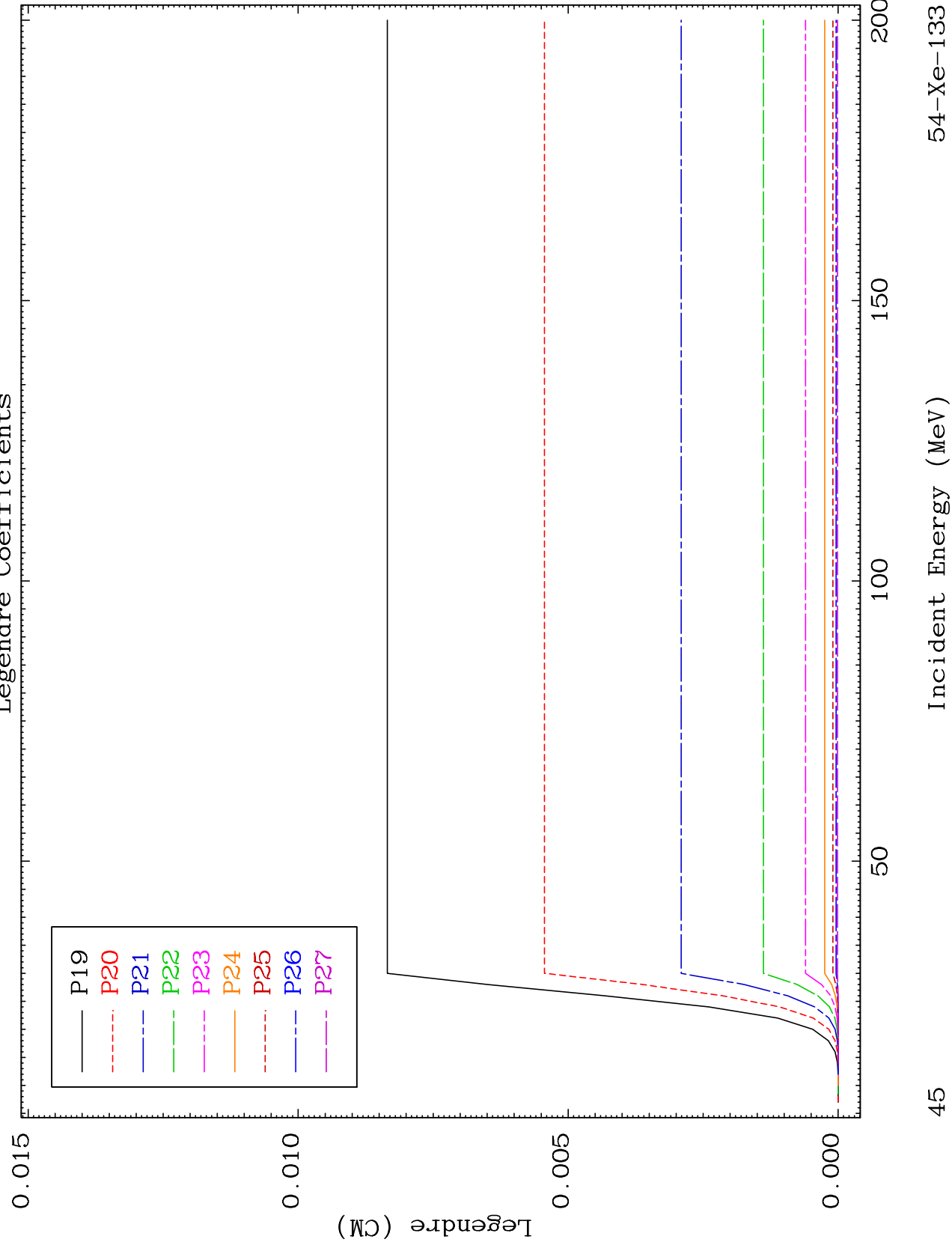


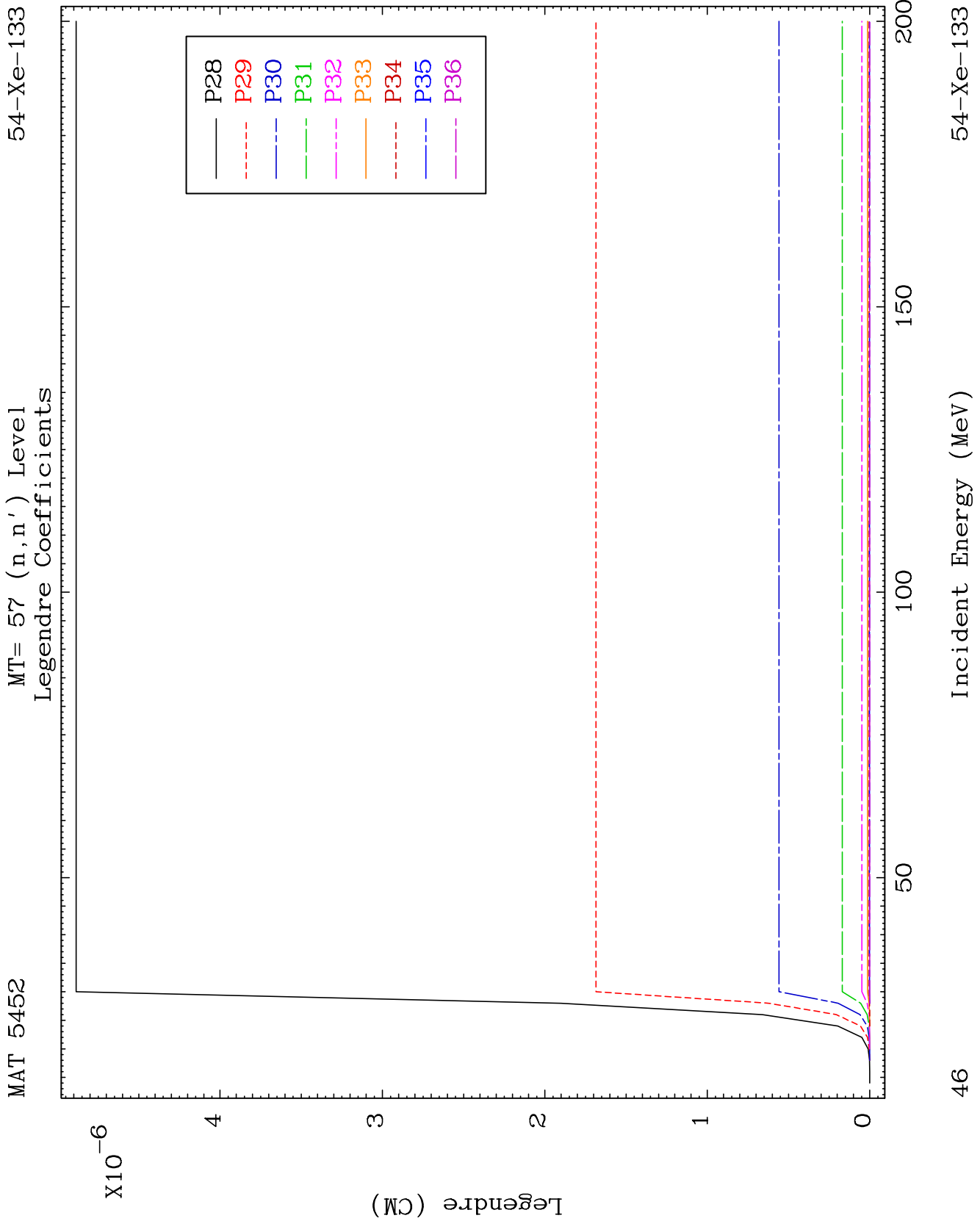


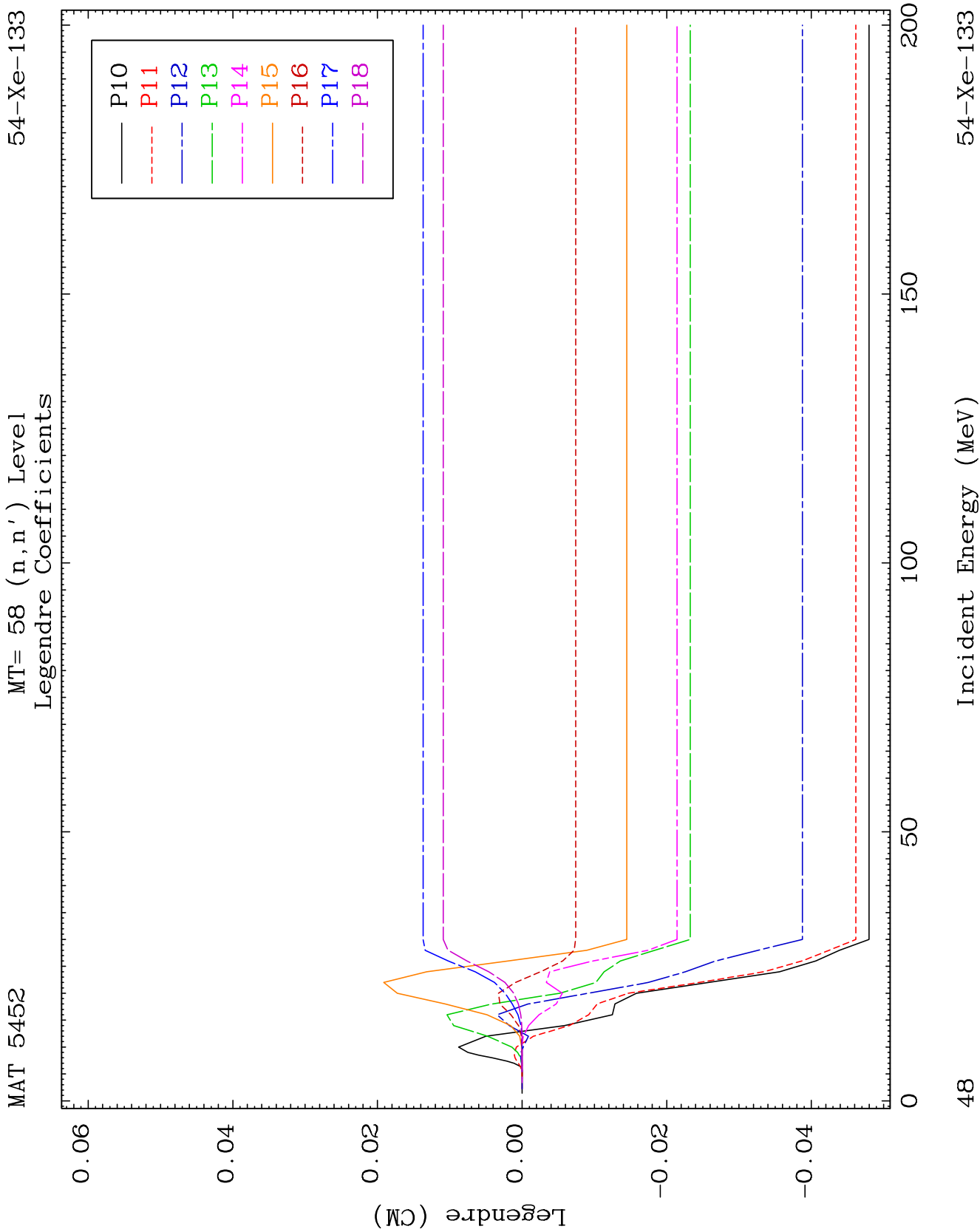
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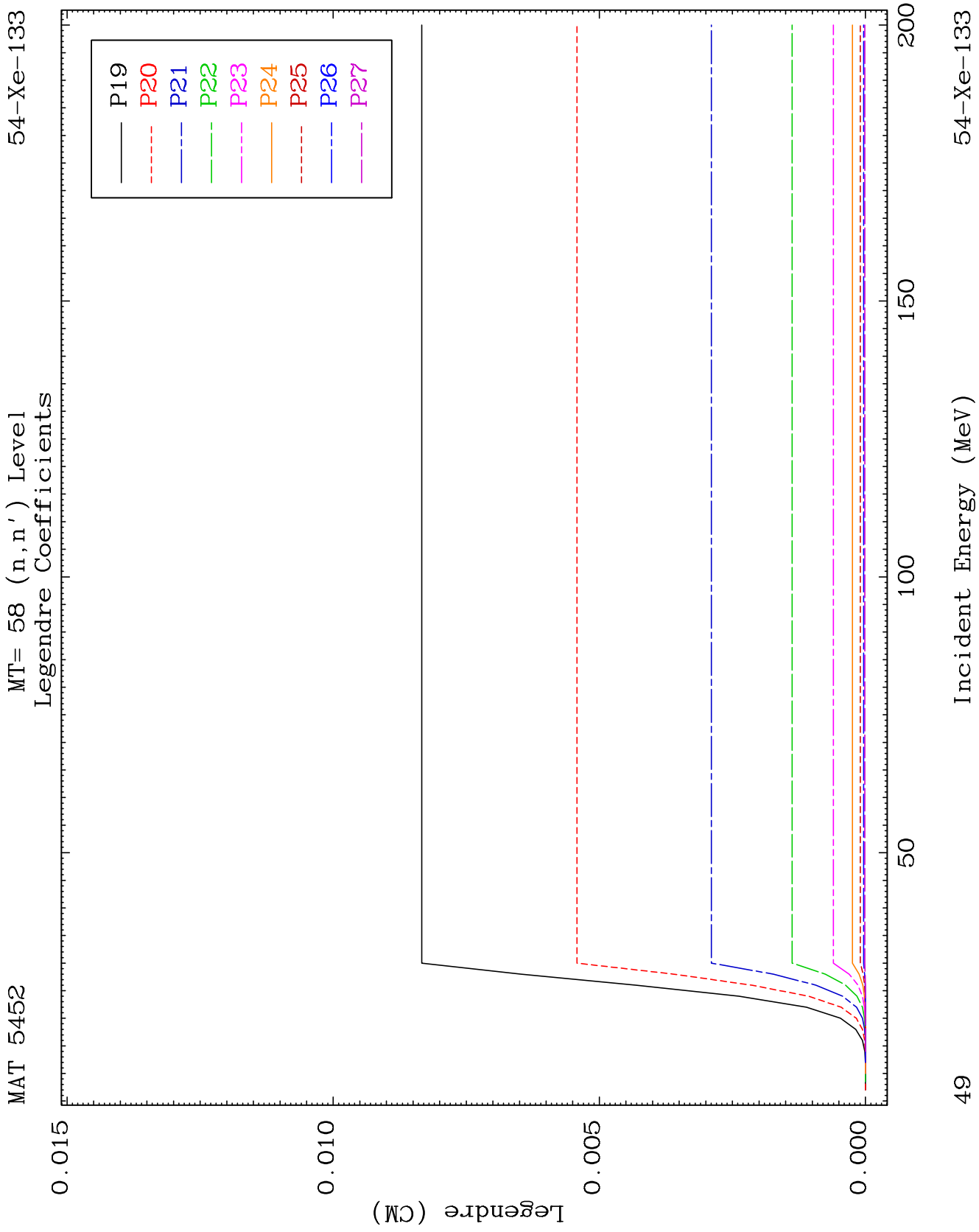
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Legendre Coefficients

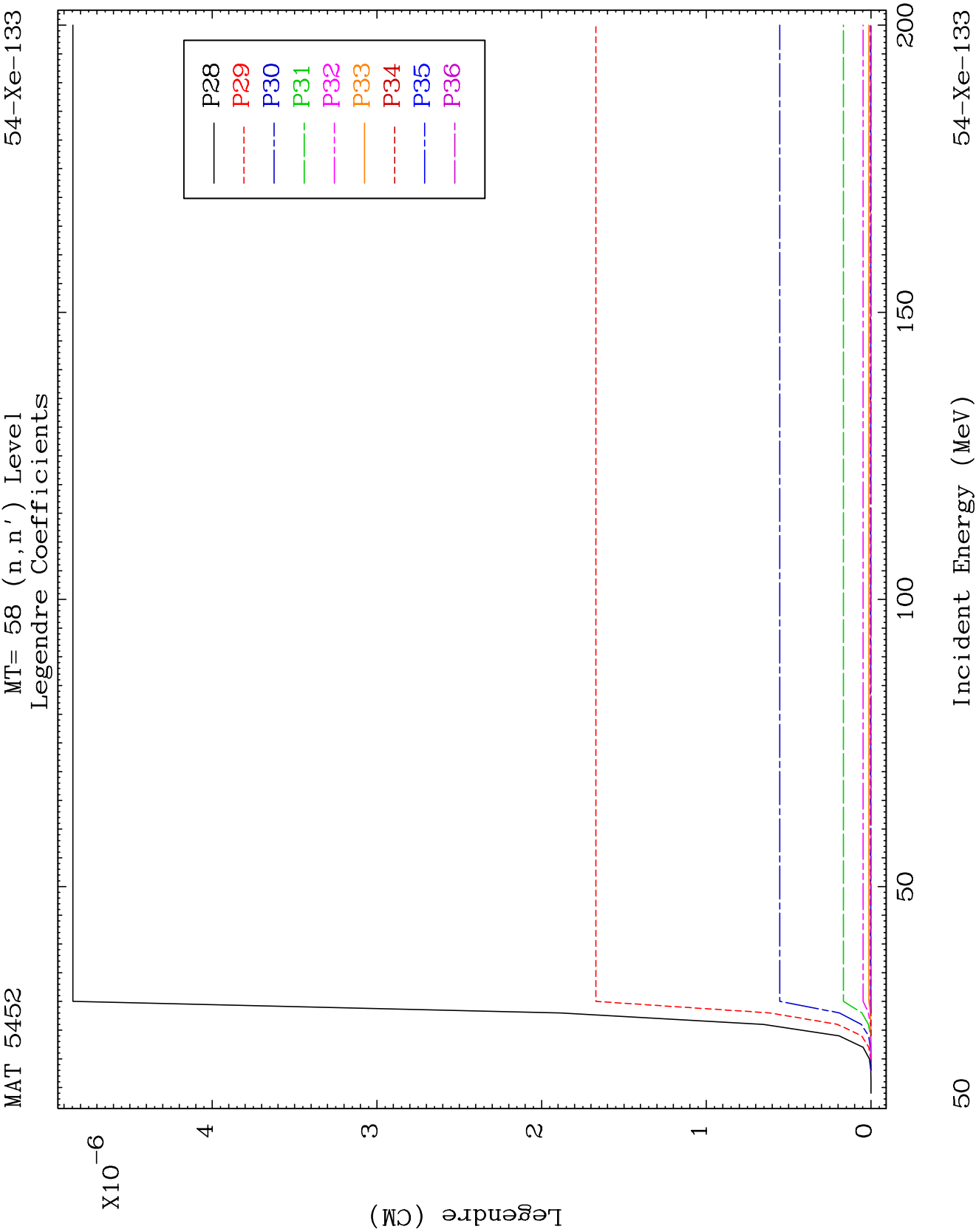
54-Xe-133







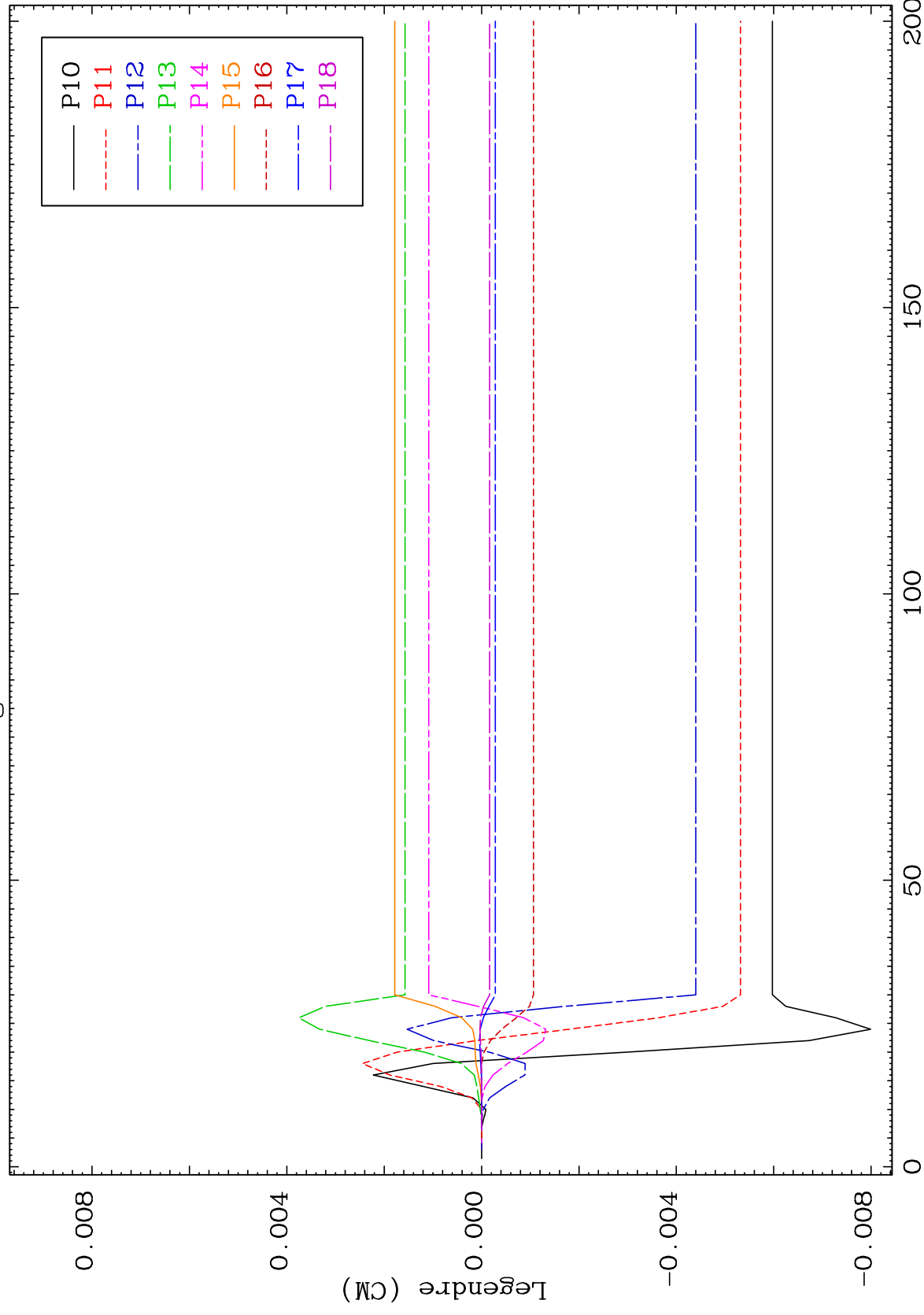




MAT 5452

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

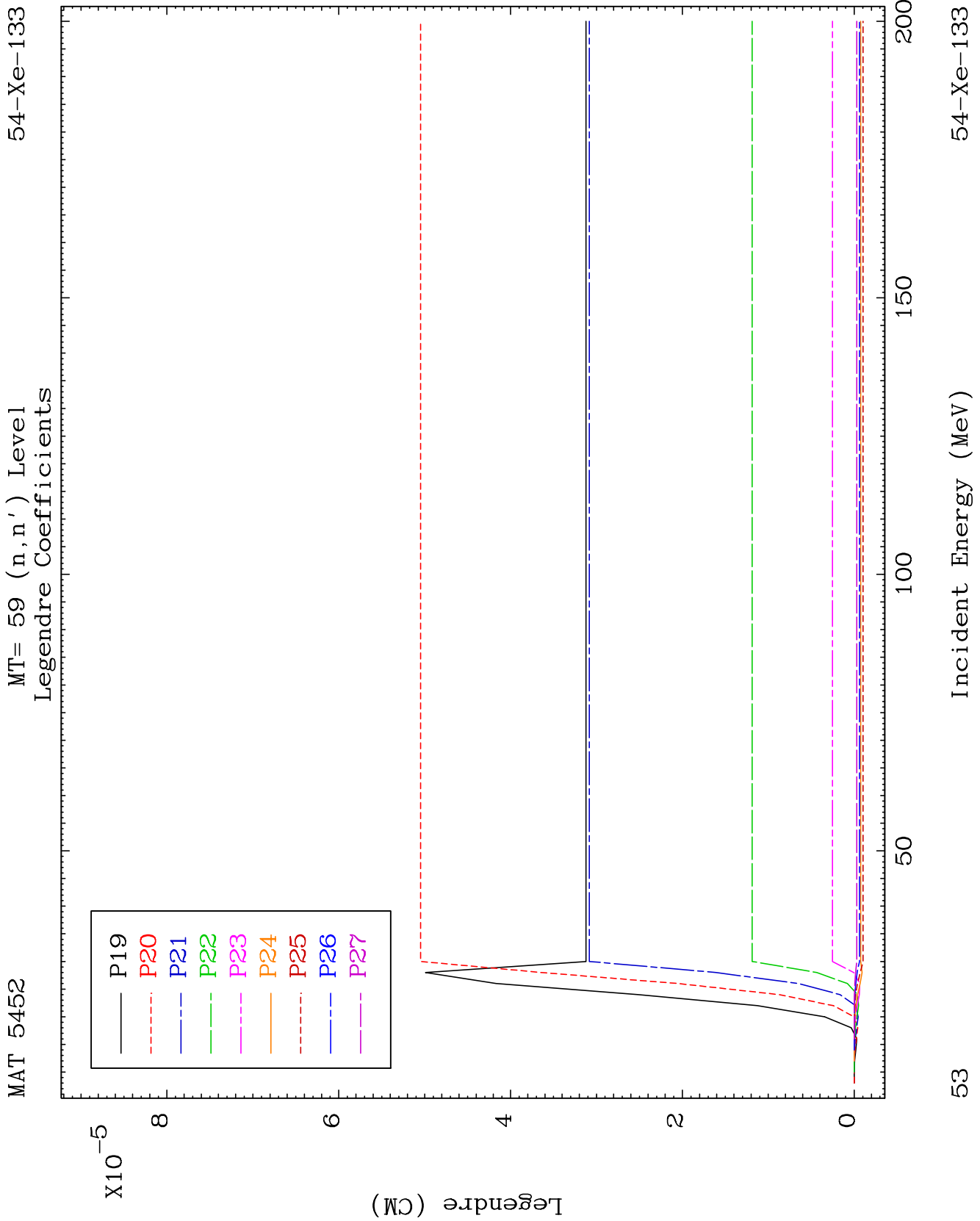
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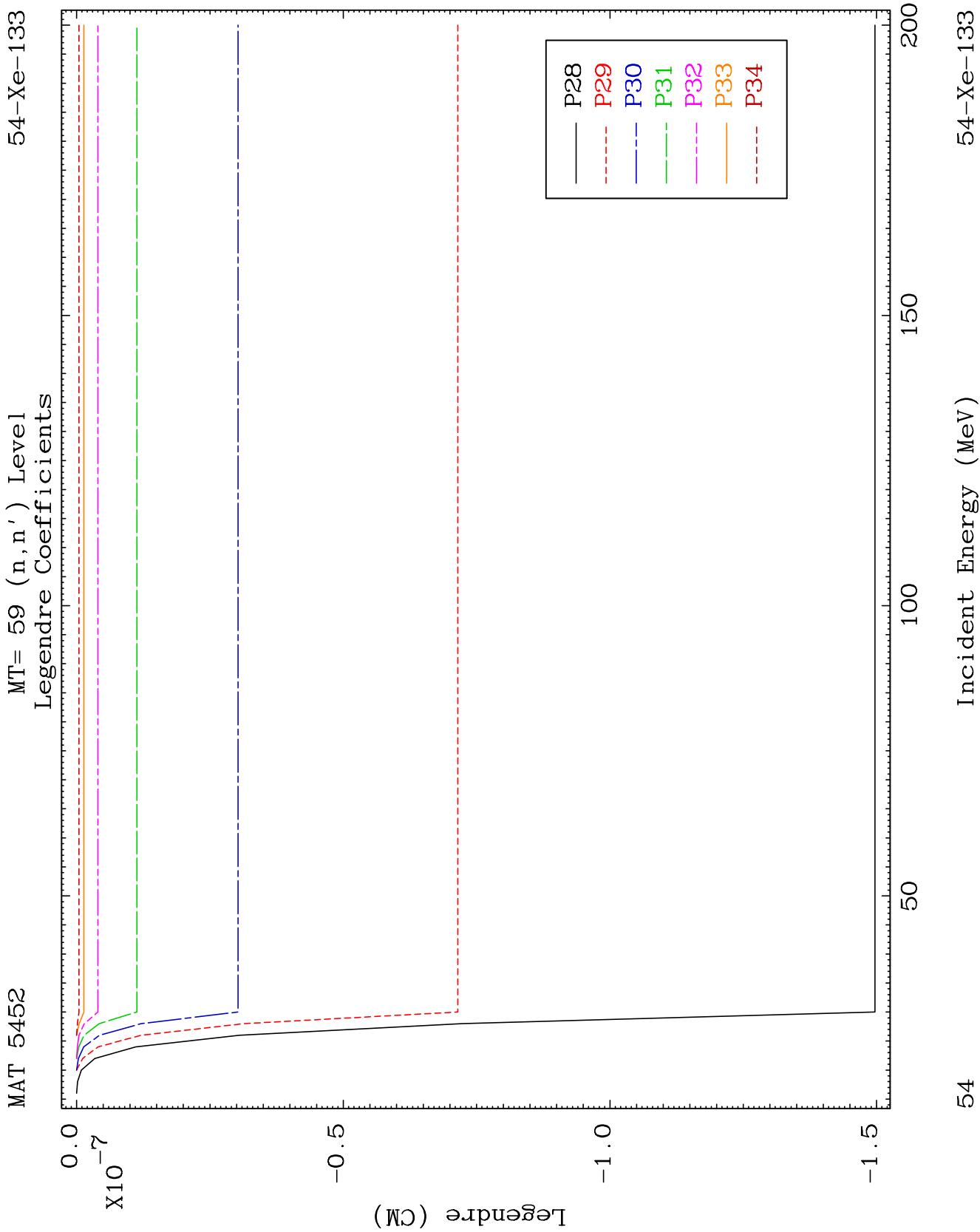


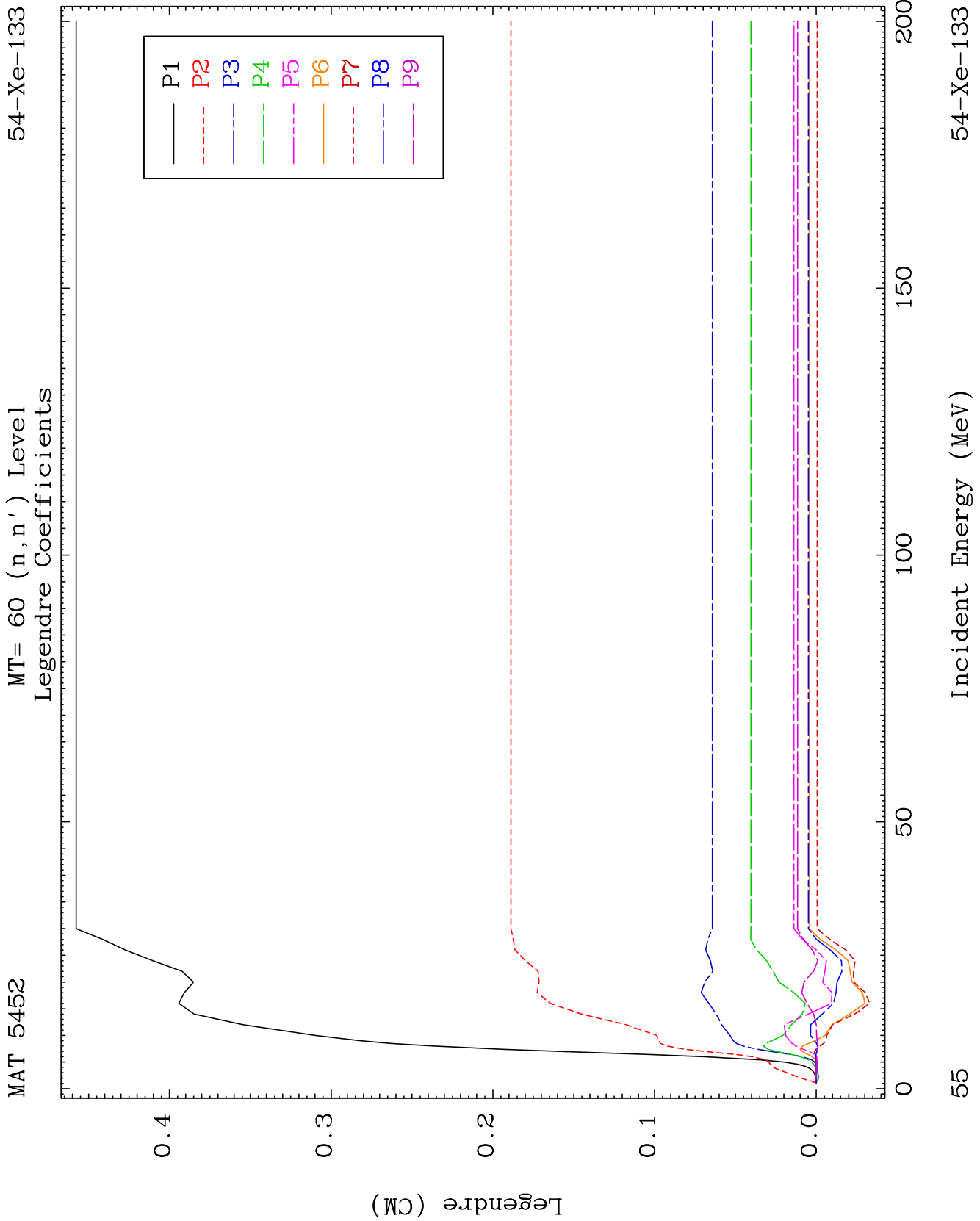
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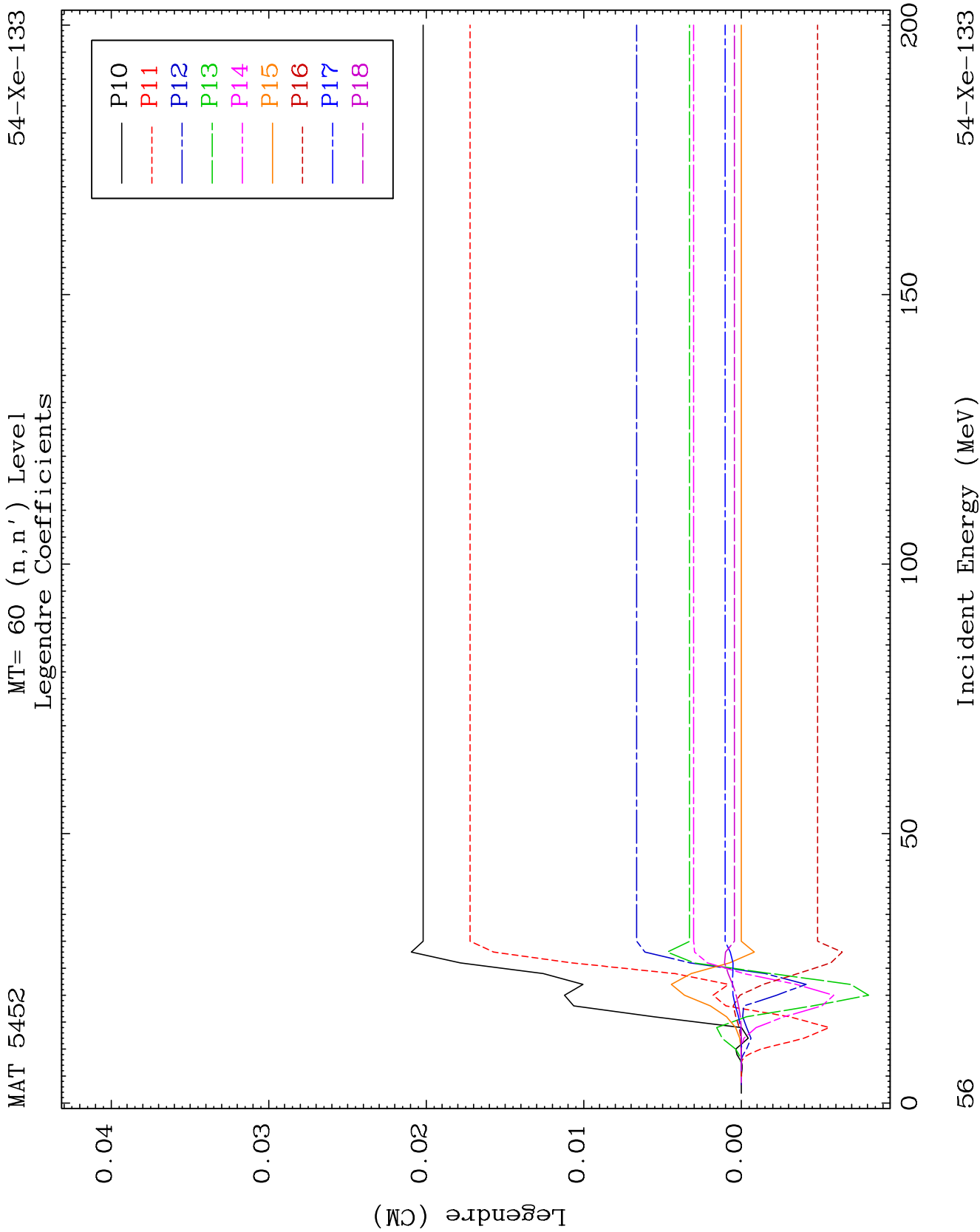
Incident Energy (MeV)

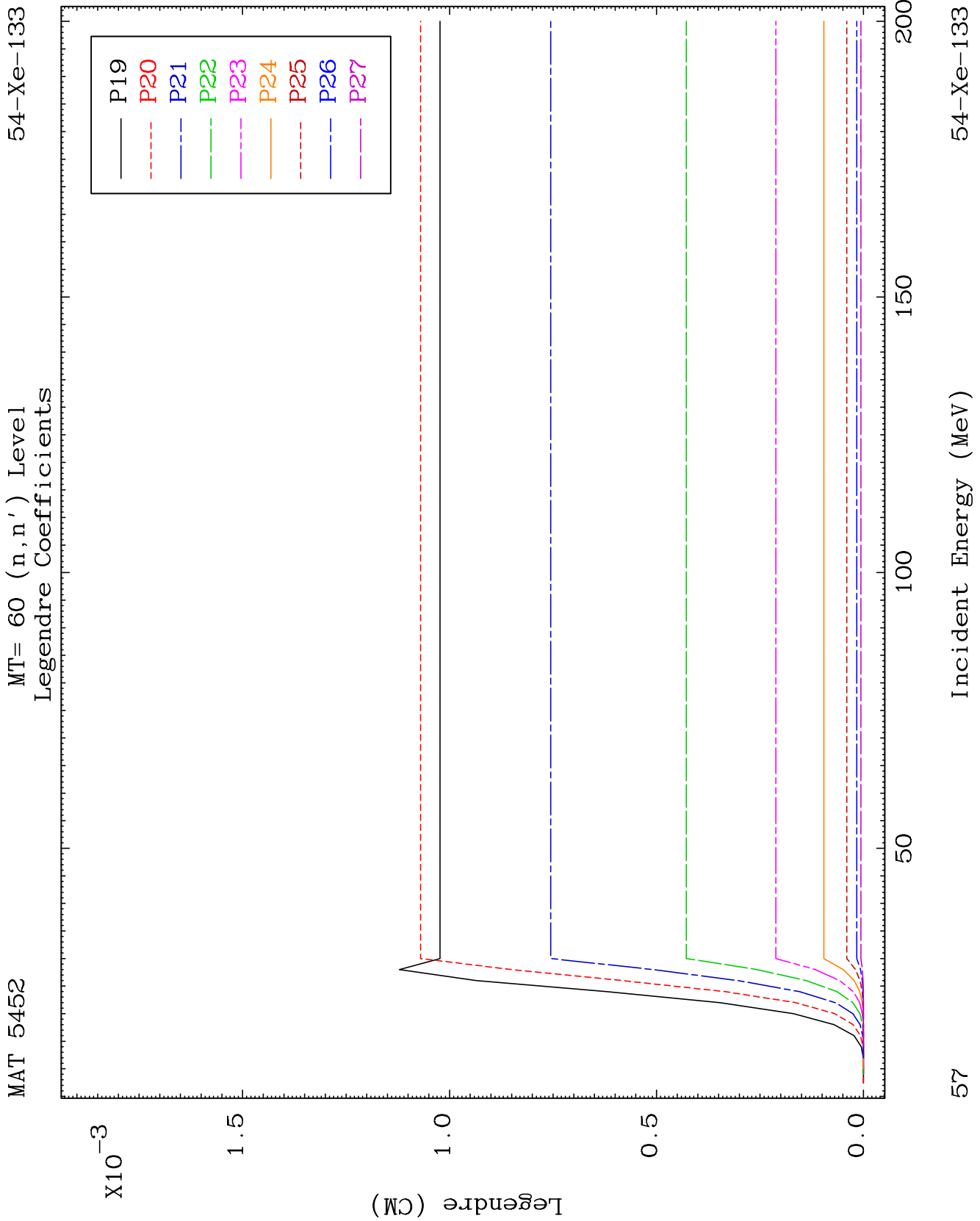
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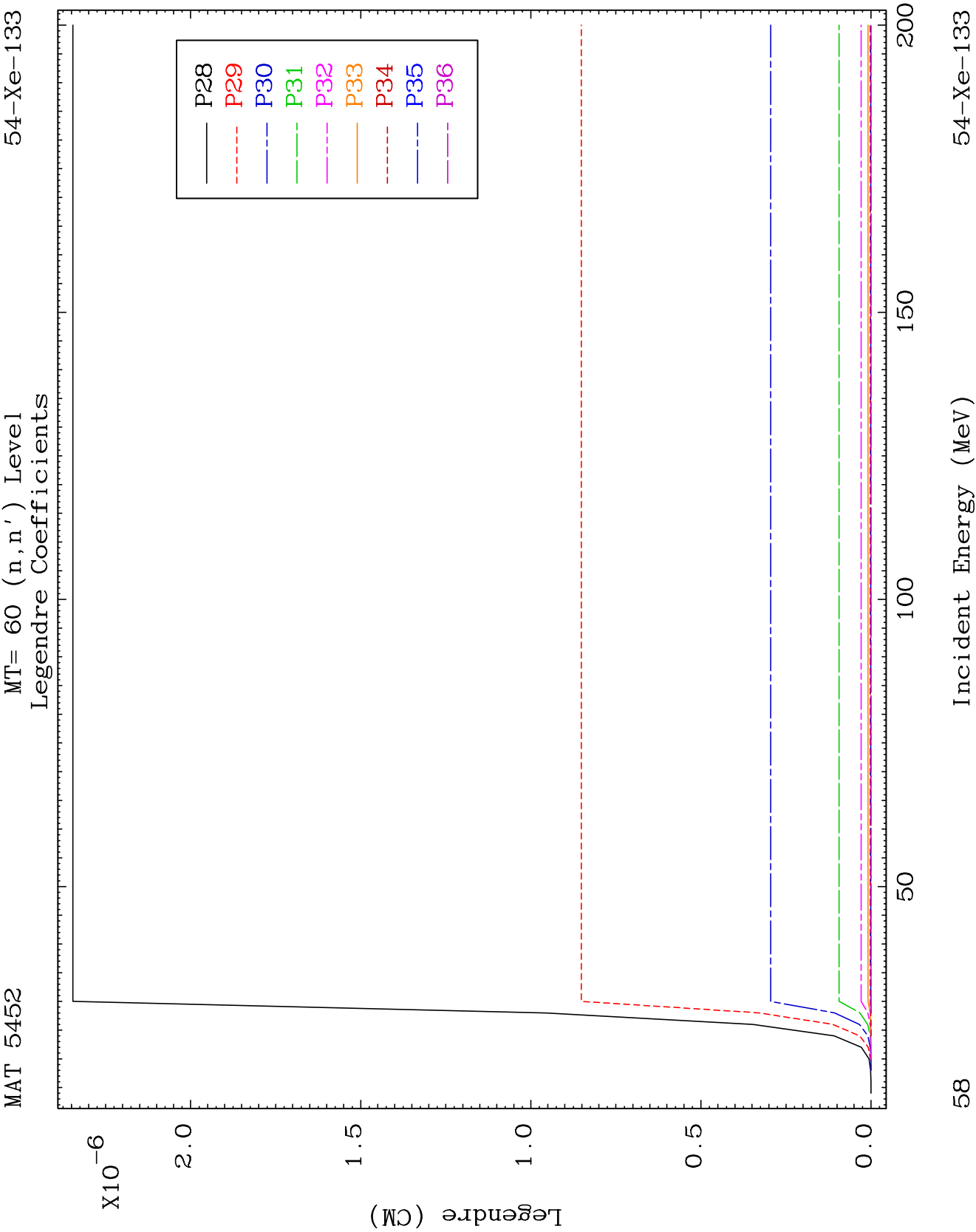


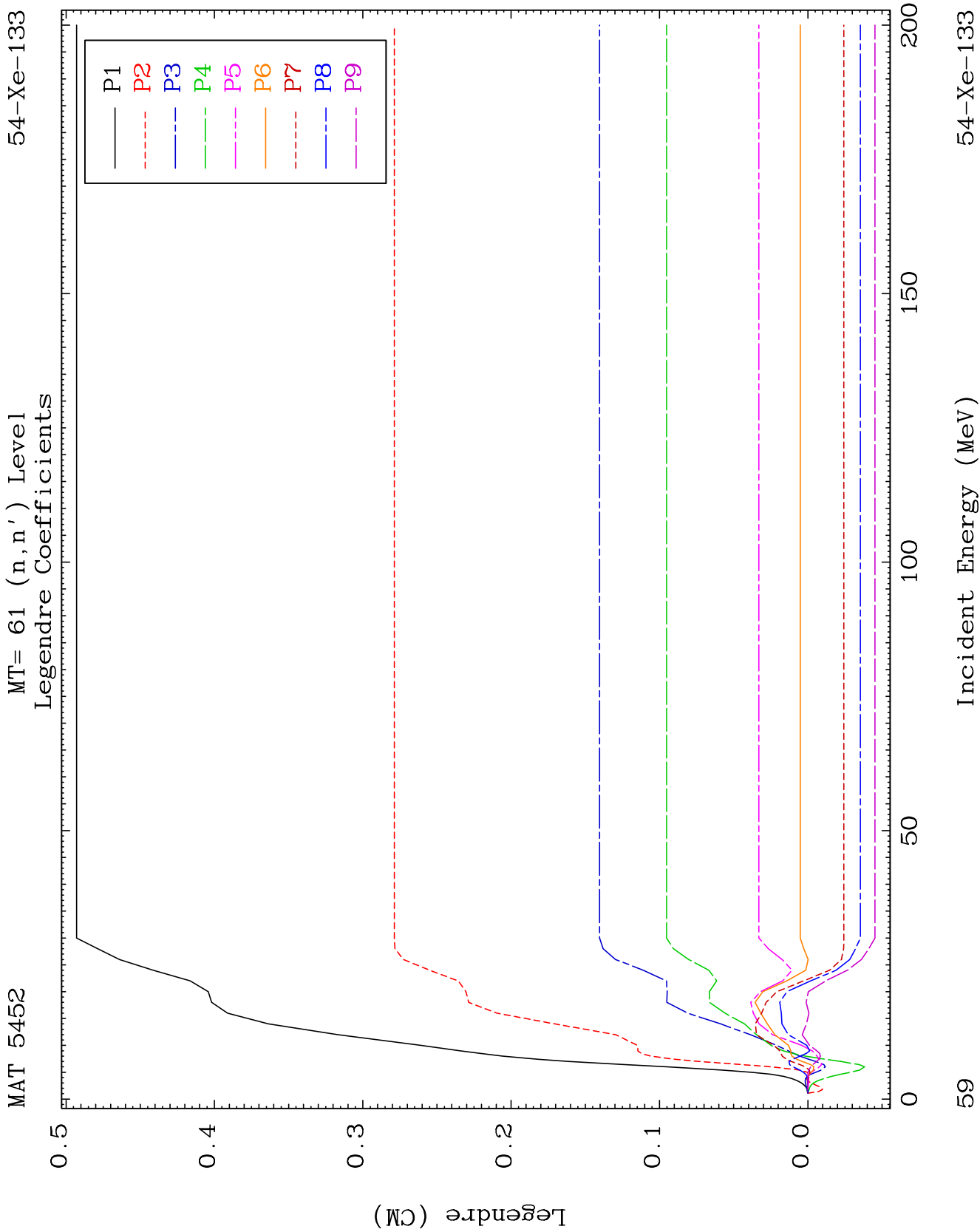








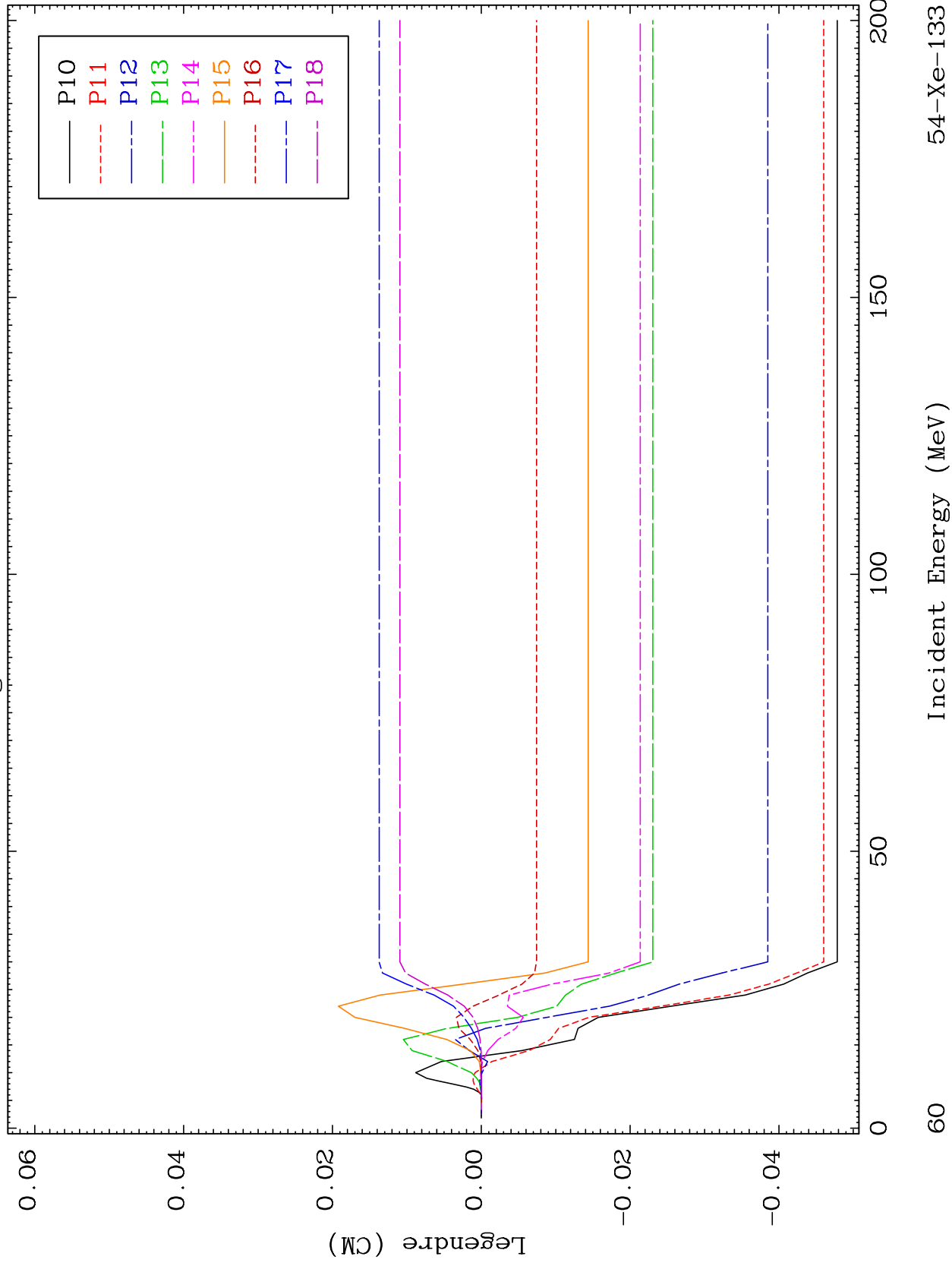


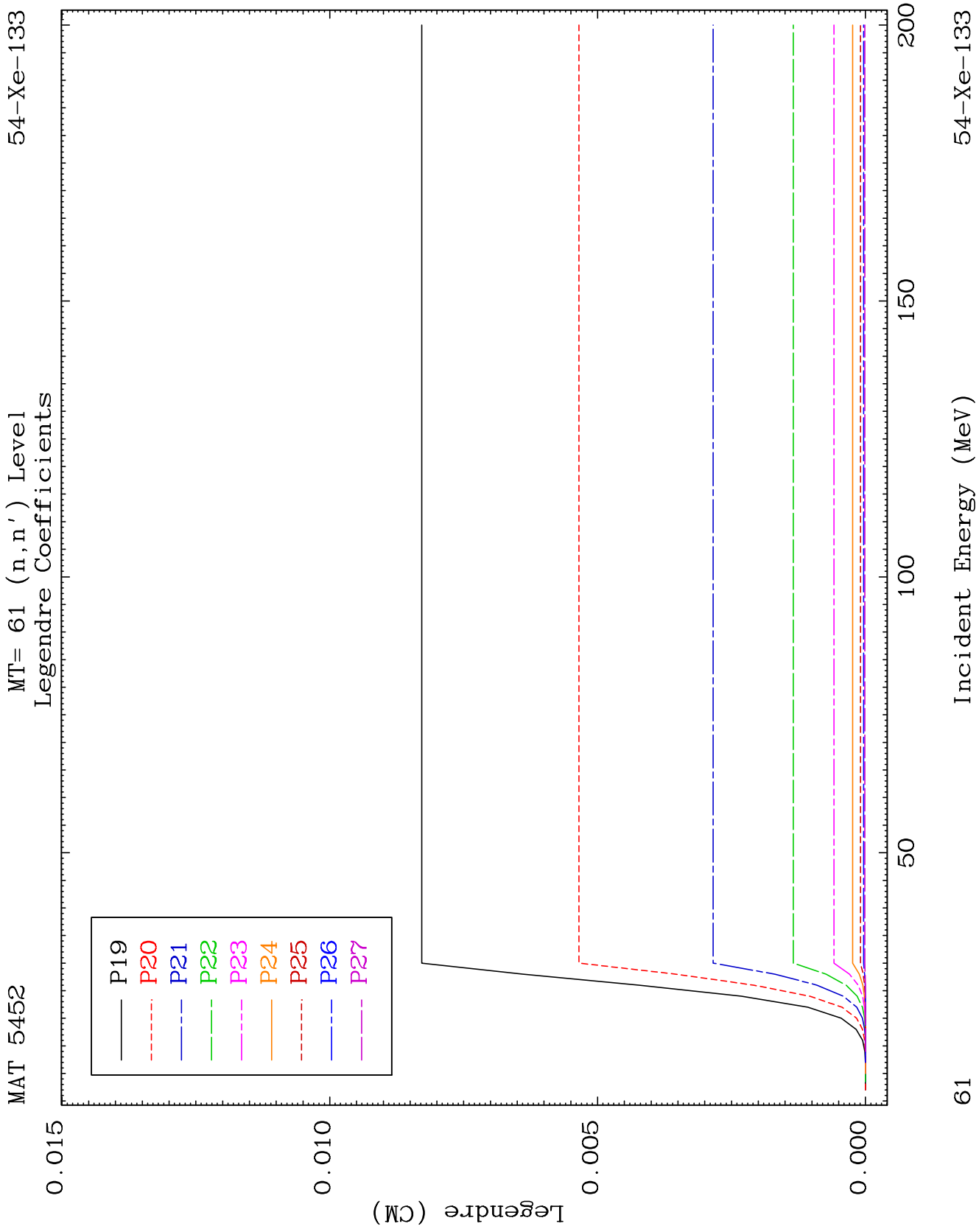


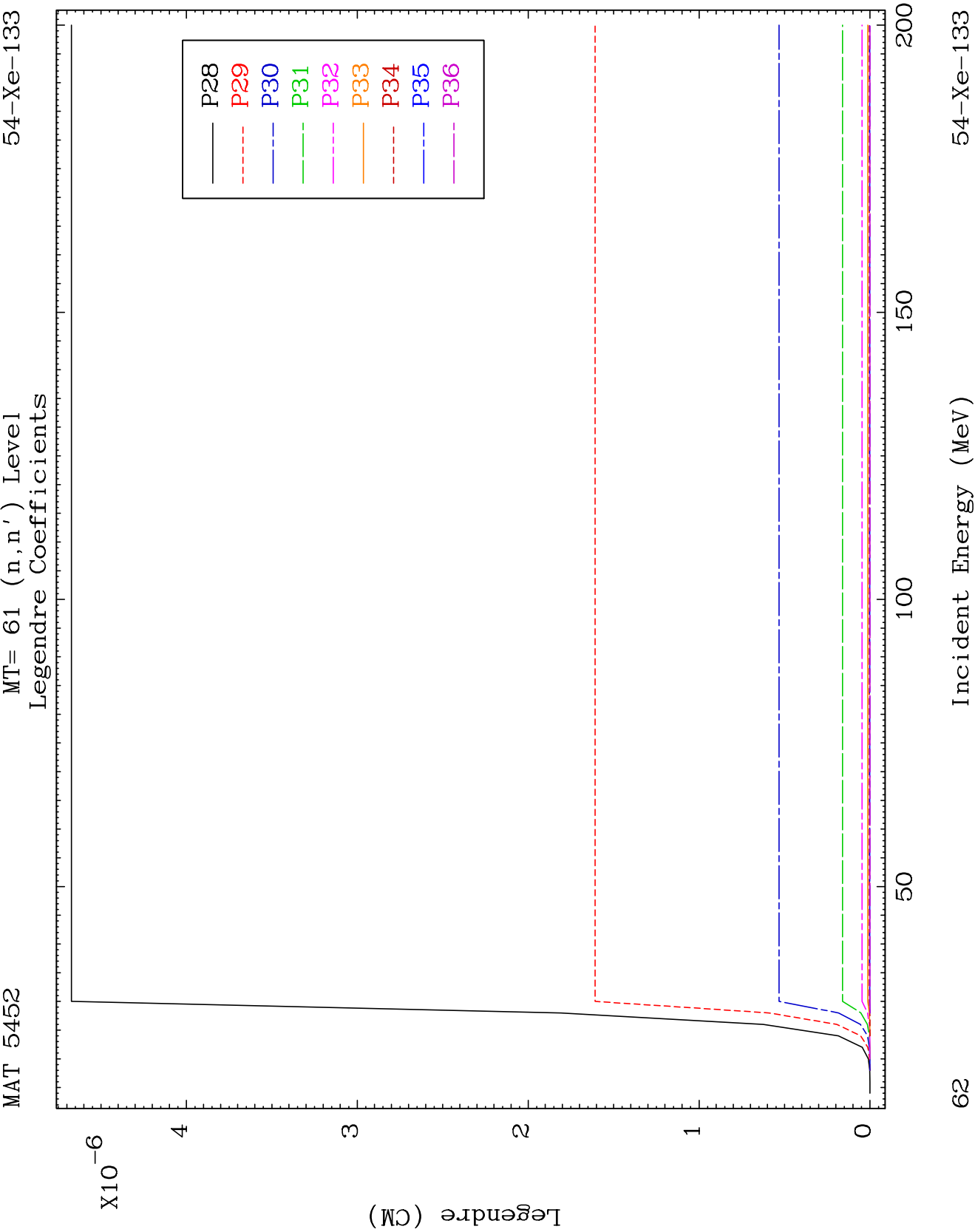
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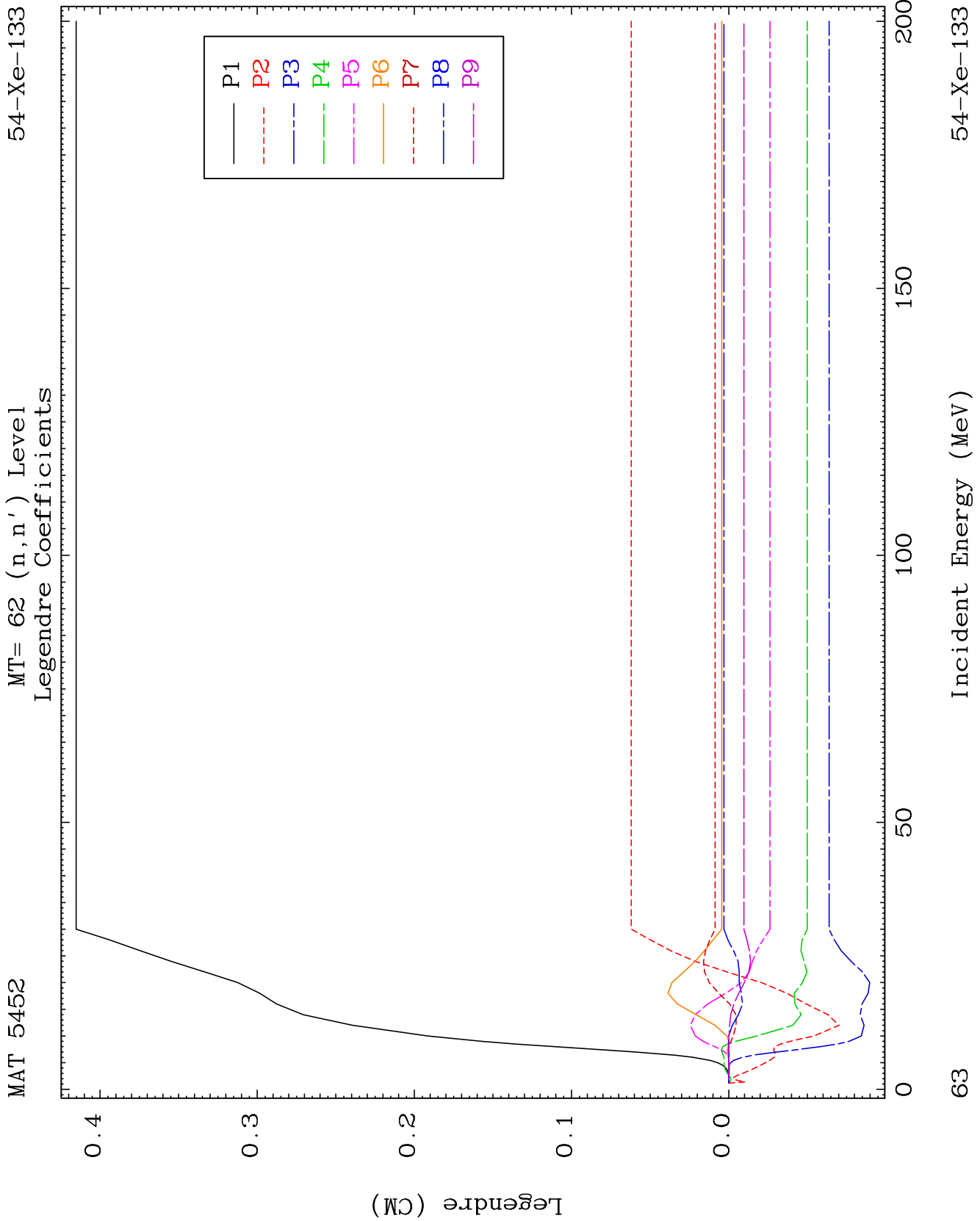
MT= 61 (n, n') Level
Legendre Coefficients

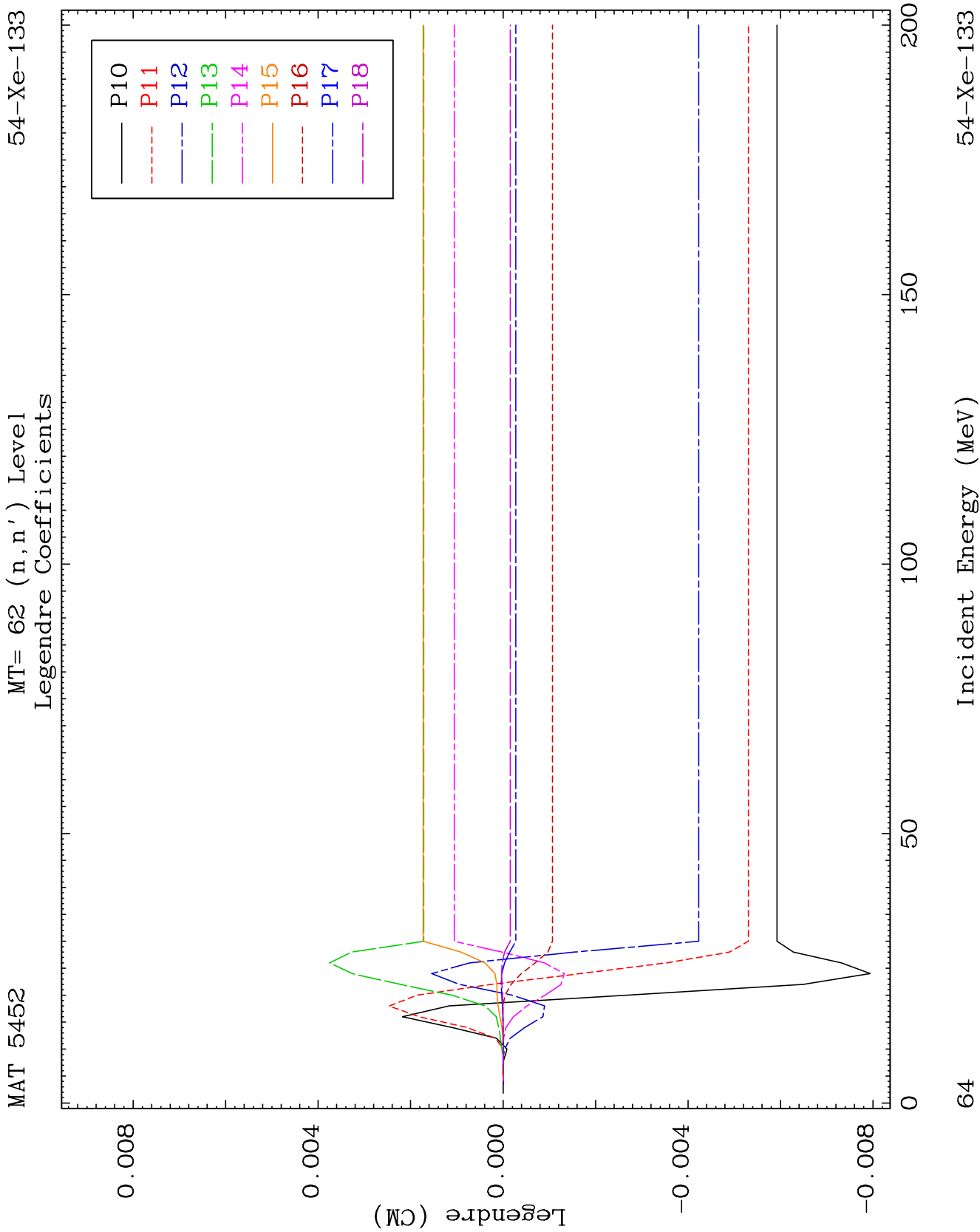
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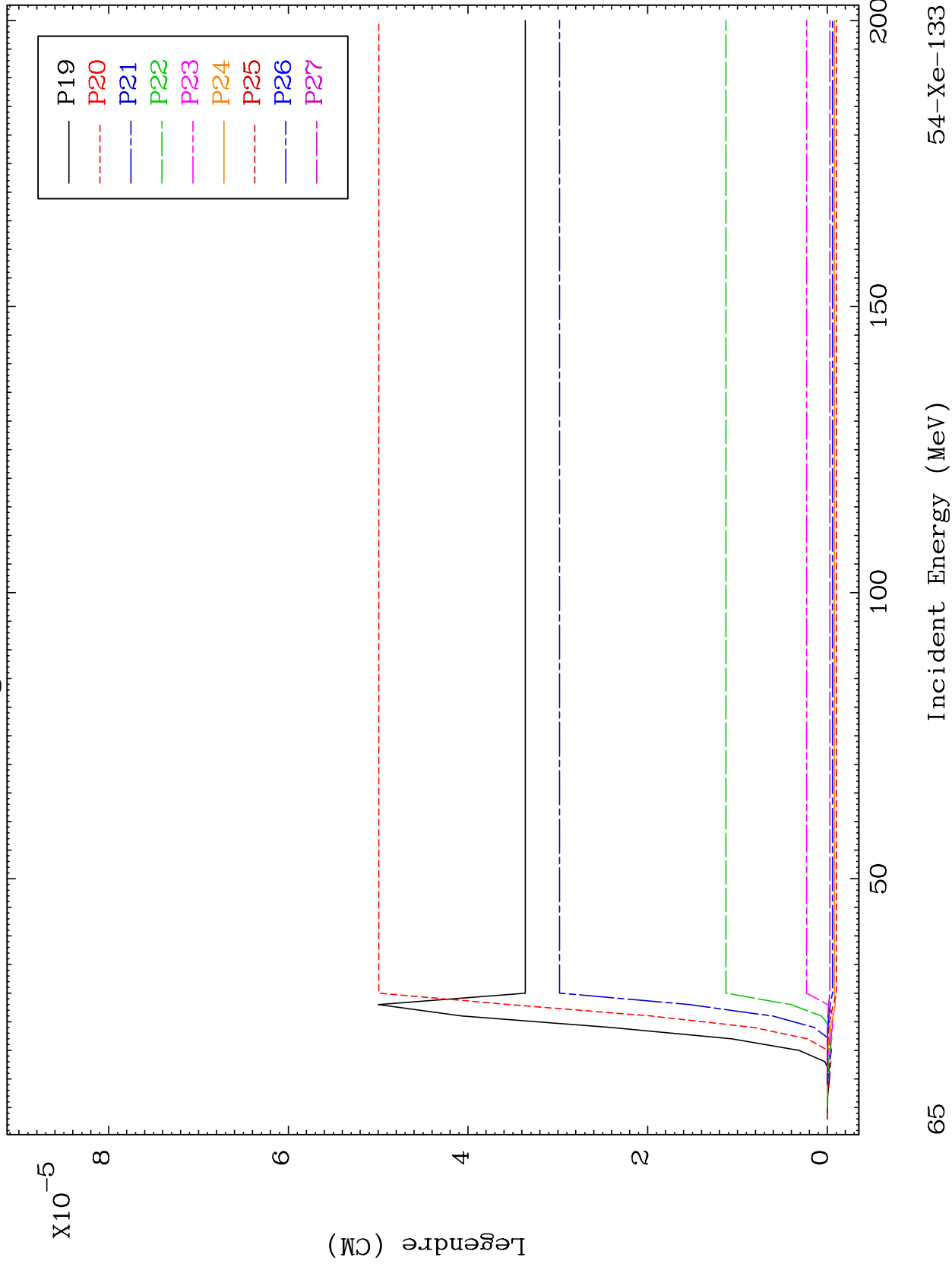


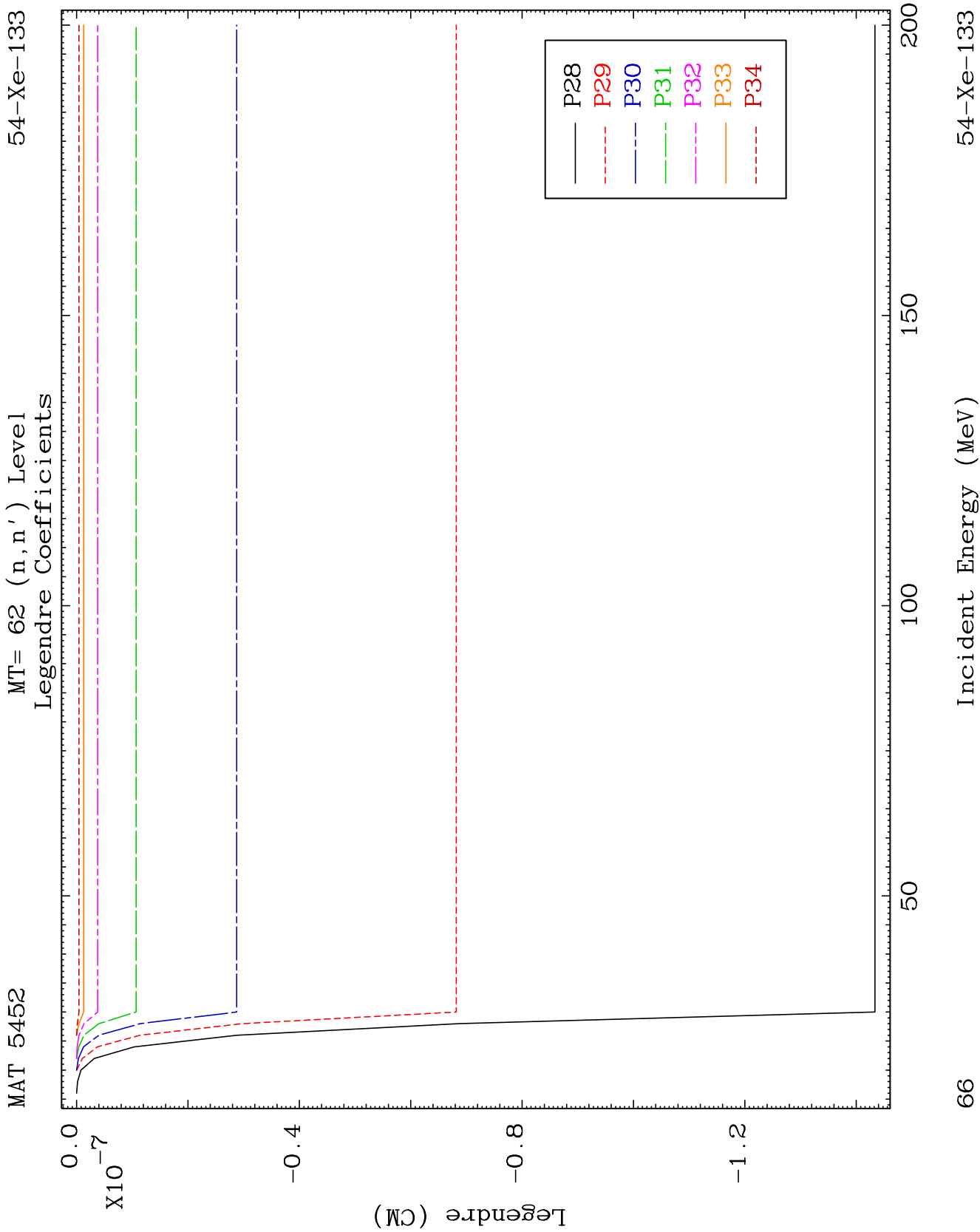


MAT 5452

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

54-Xe-133

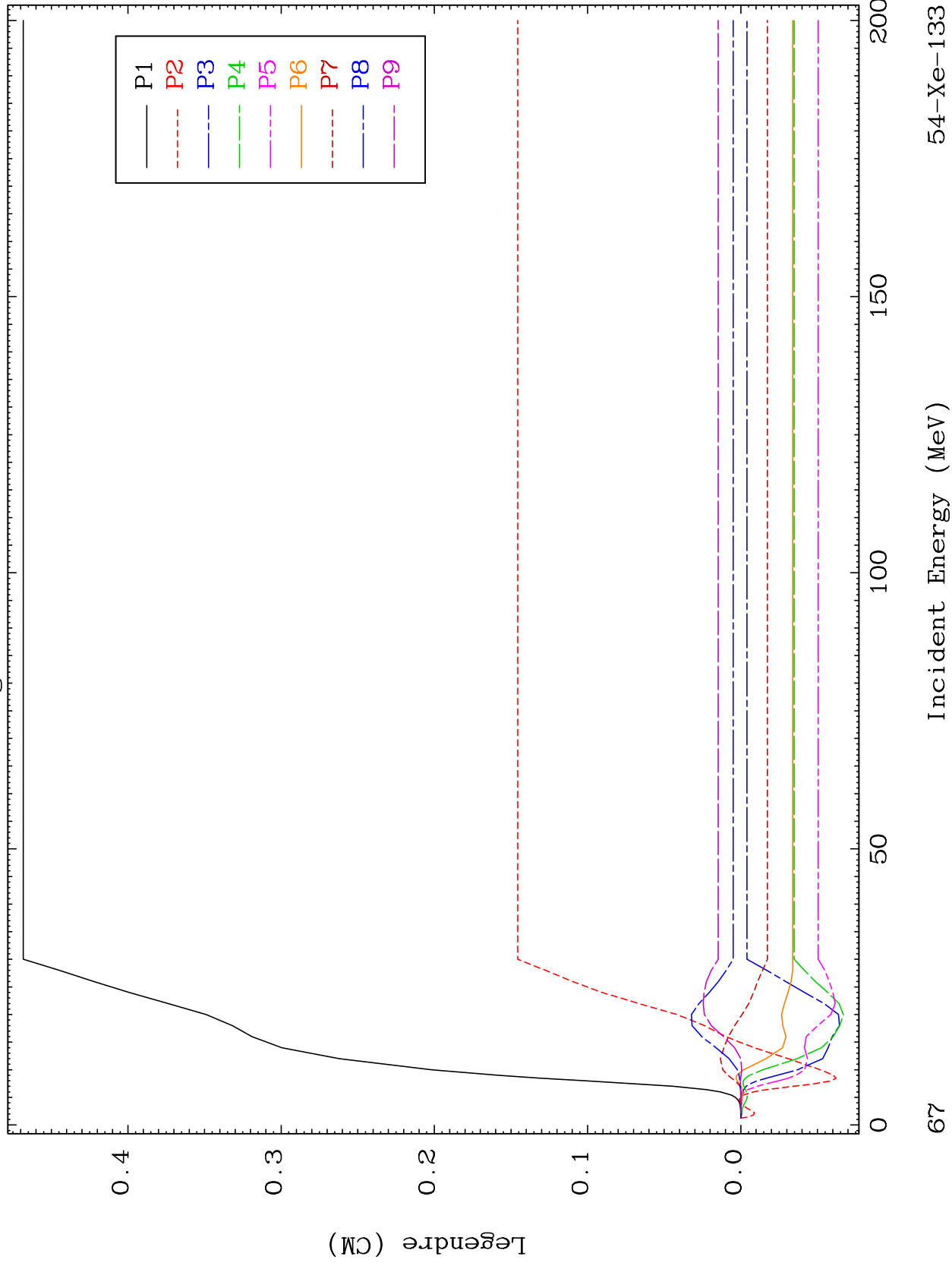




MAT 5452

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

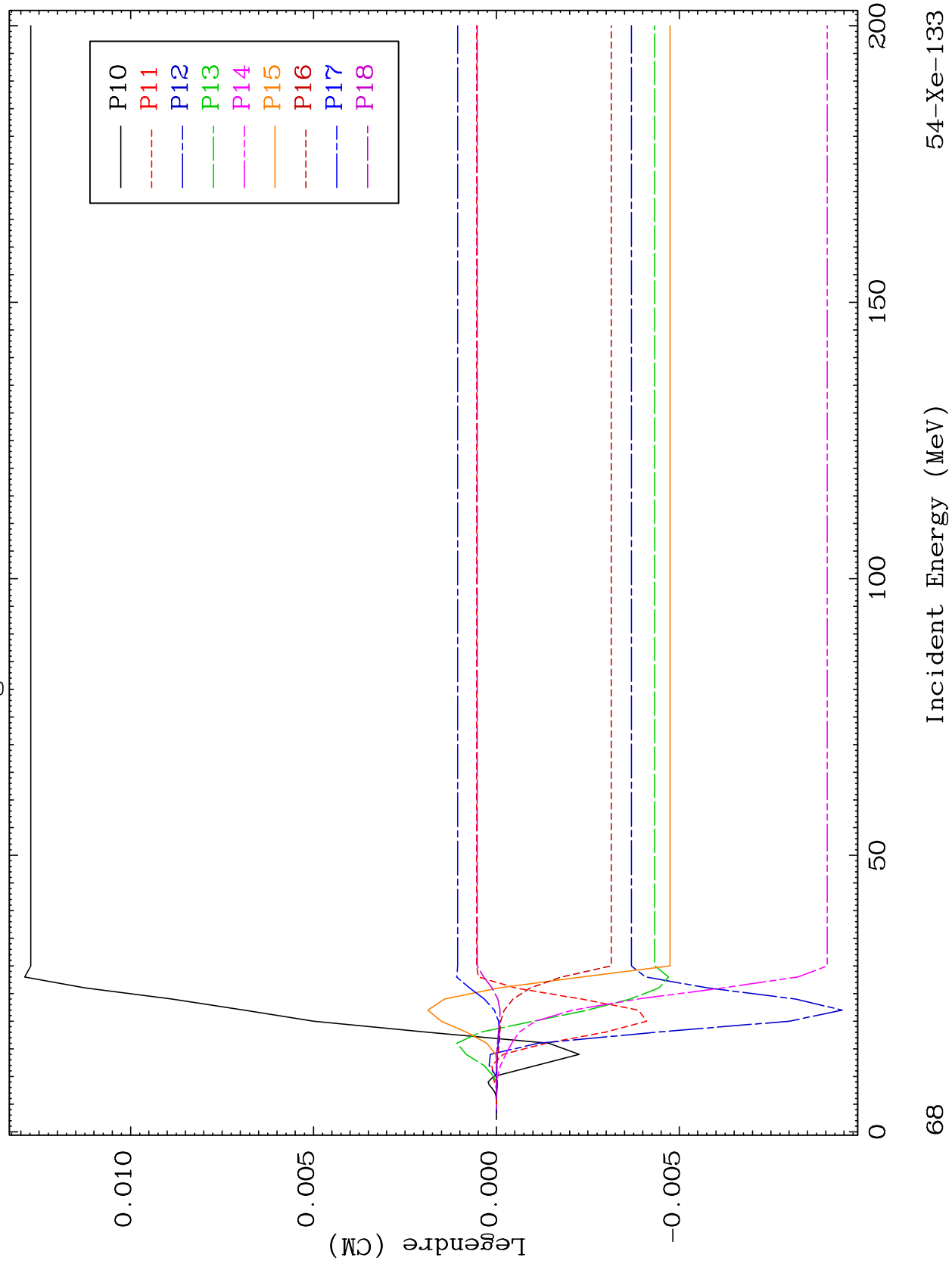
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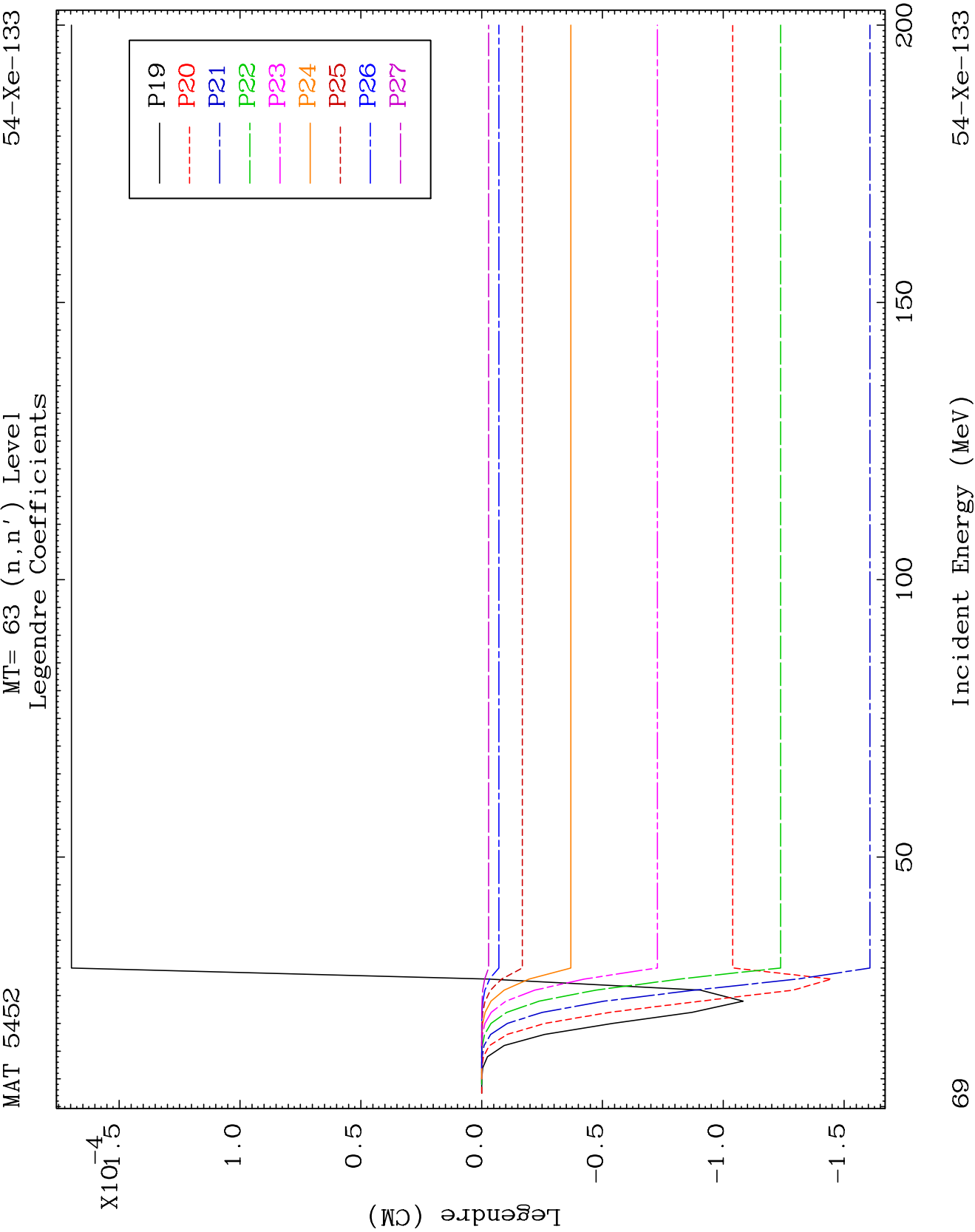


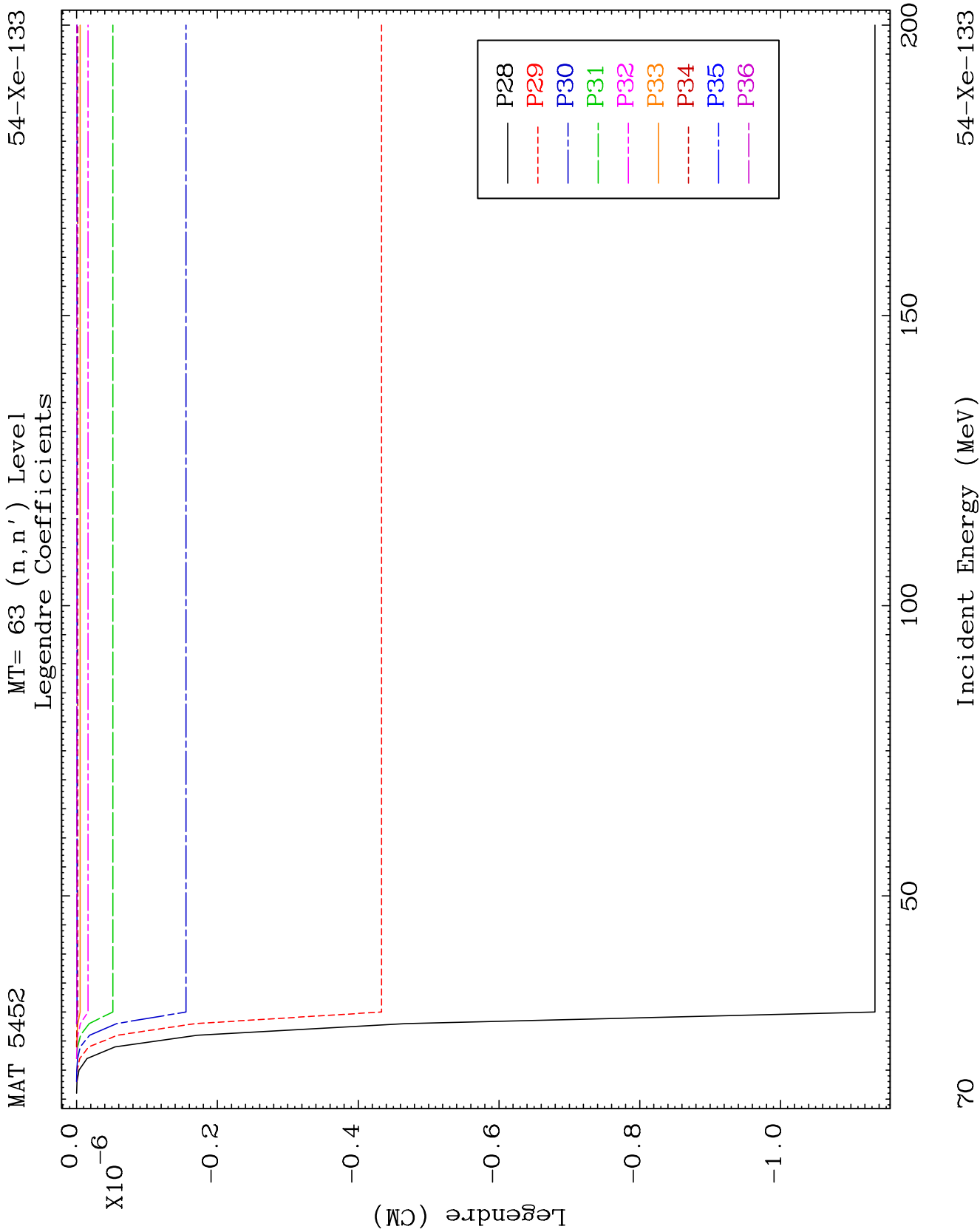
MAT 5452

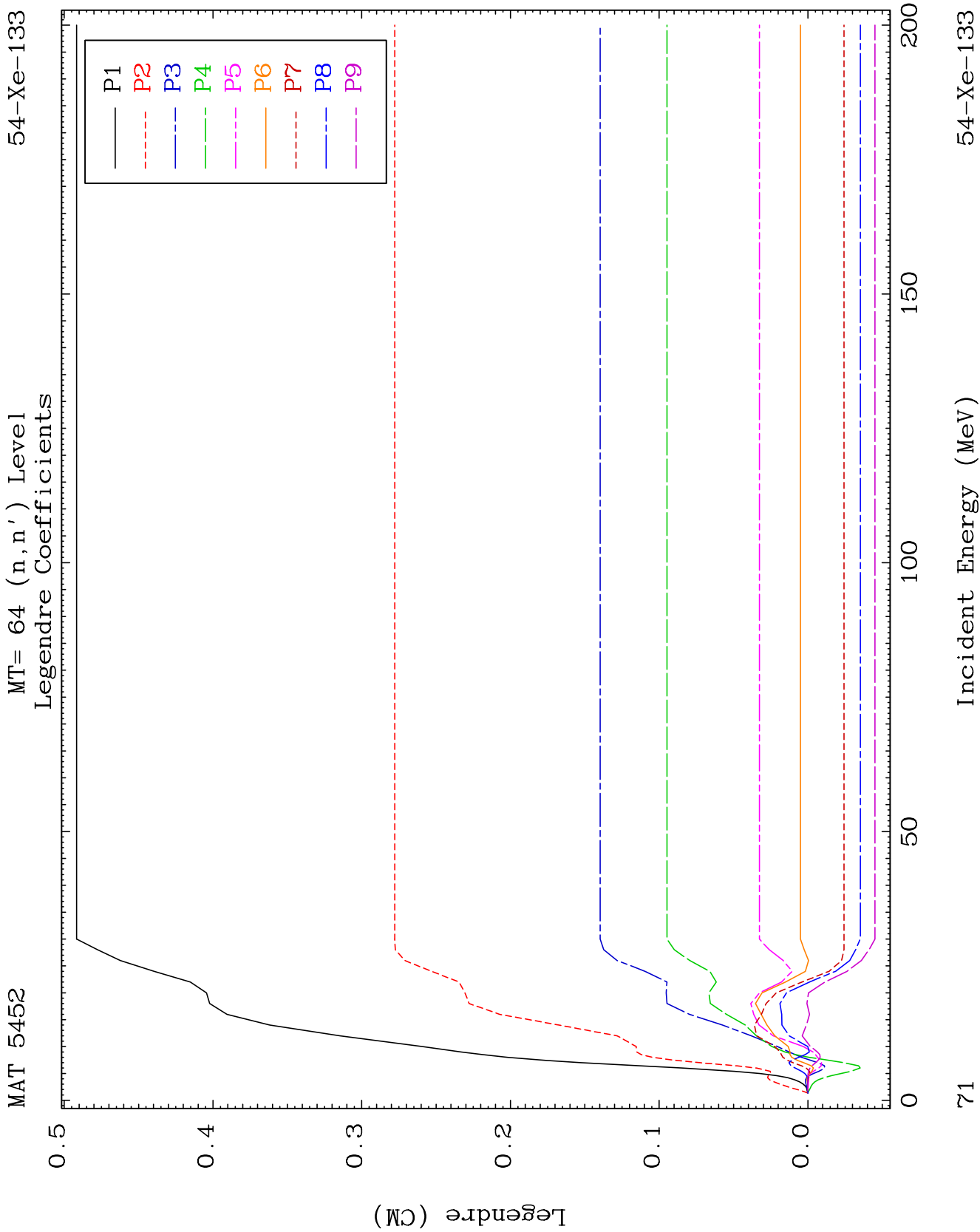
MT= 63 (n, n') Level
Legendre Coefficients

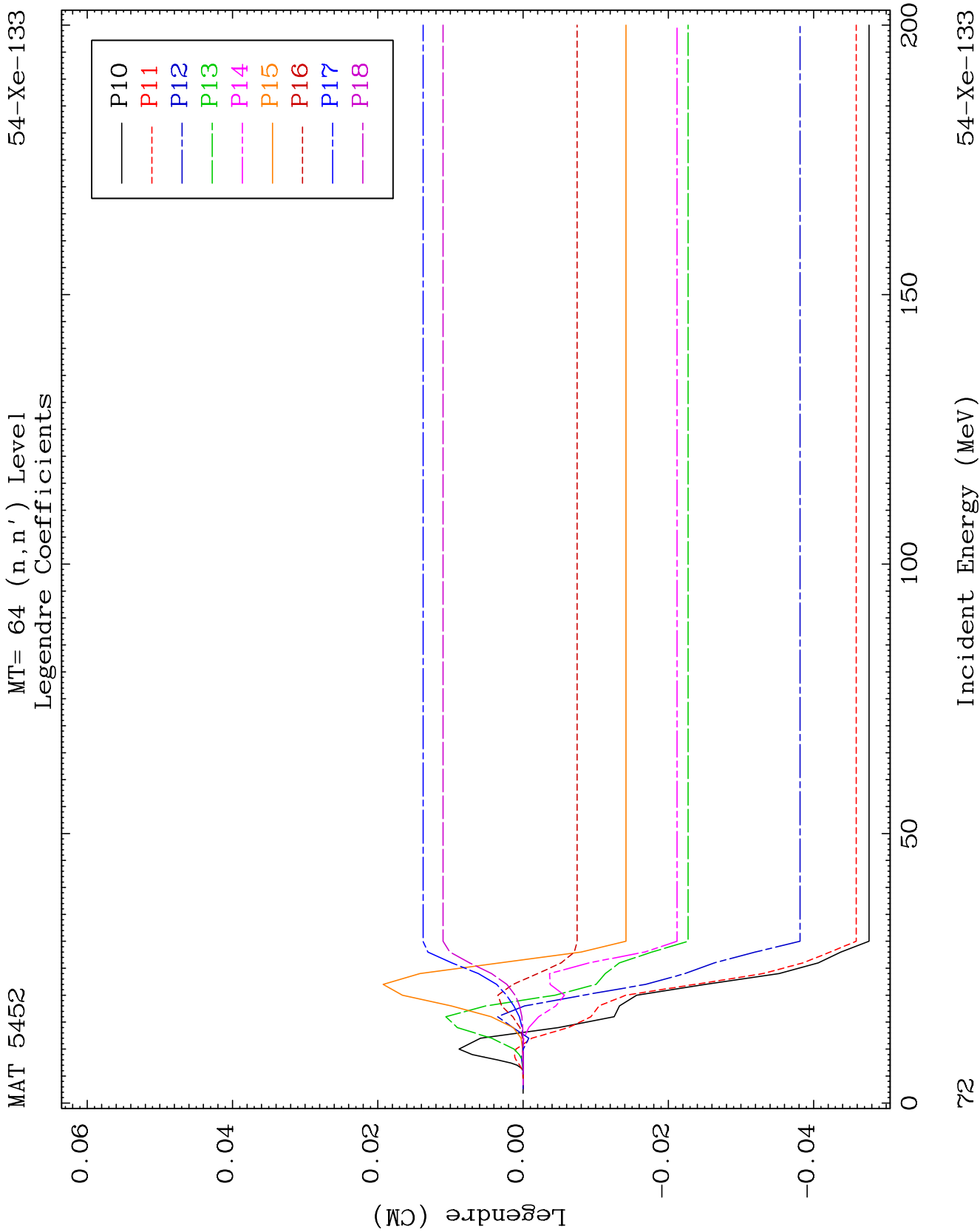
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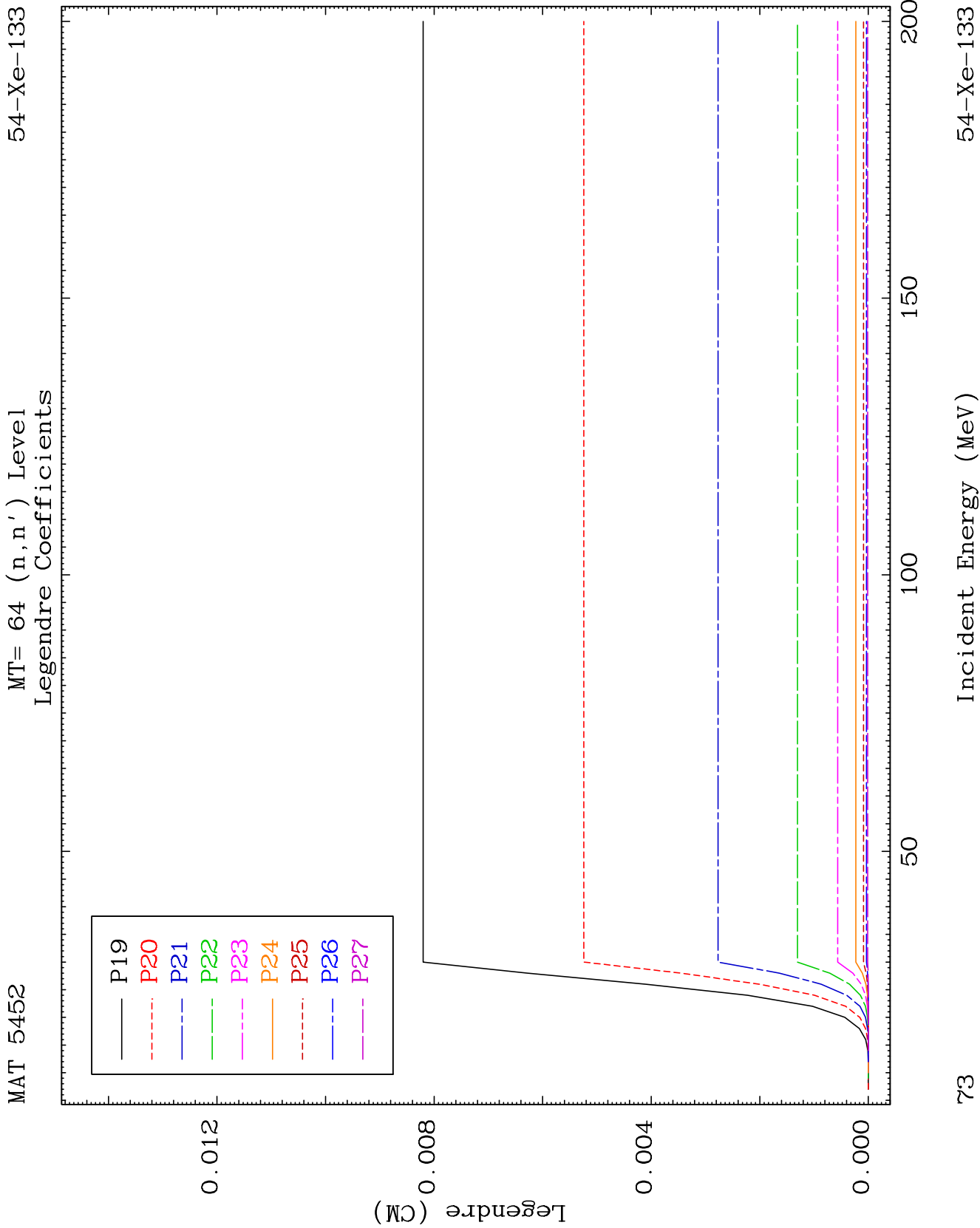


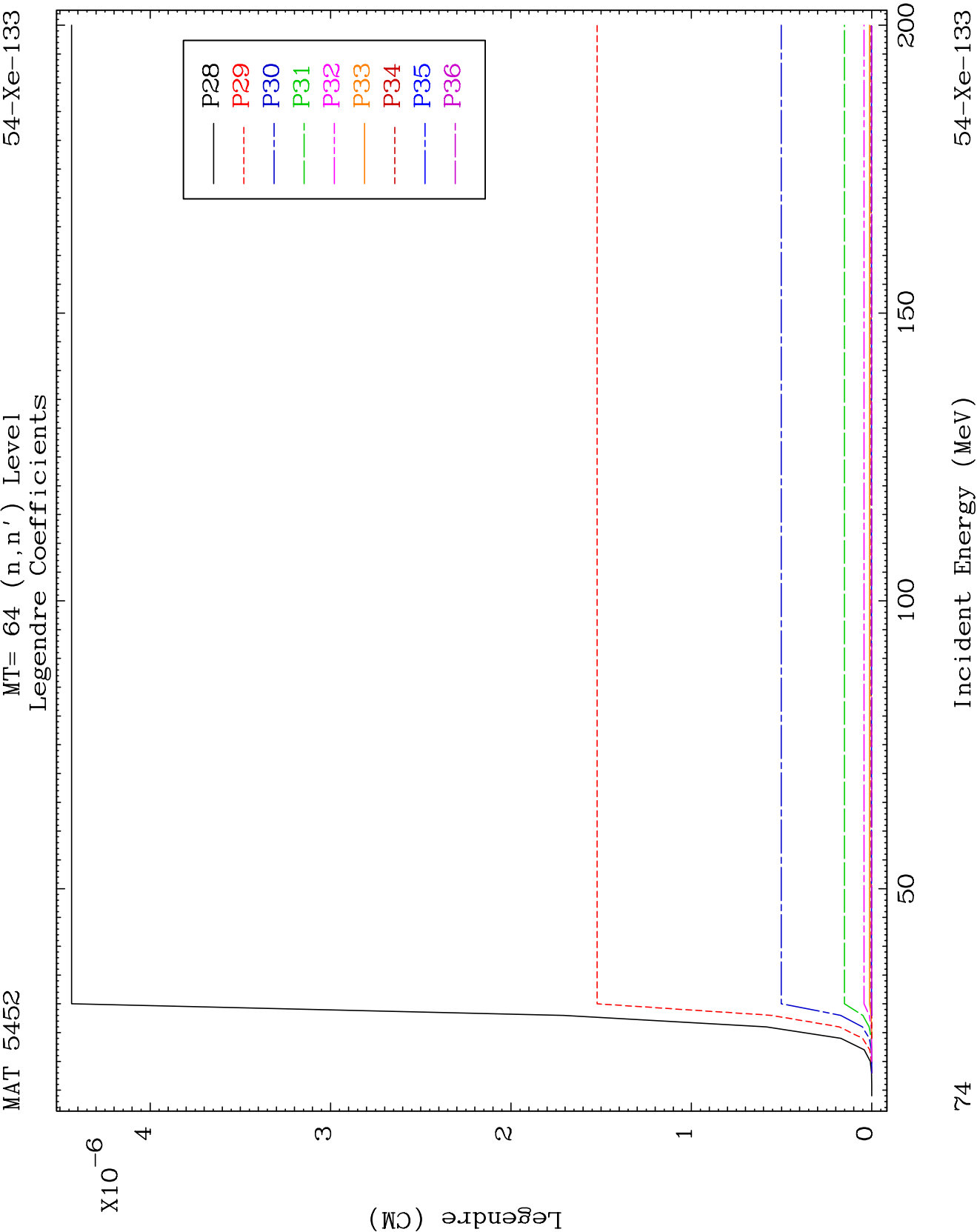








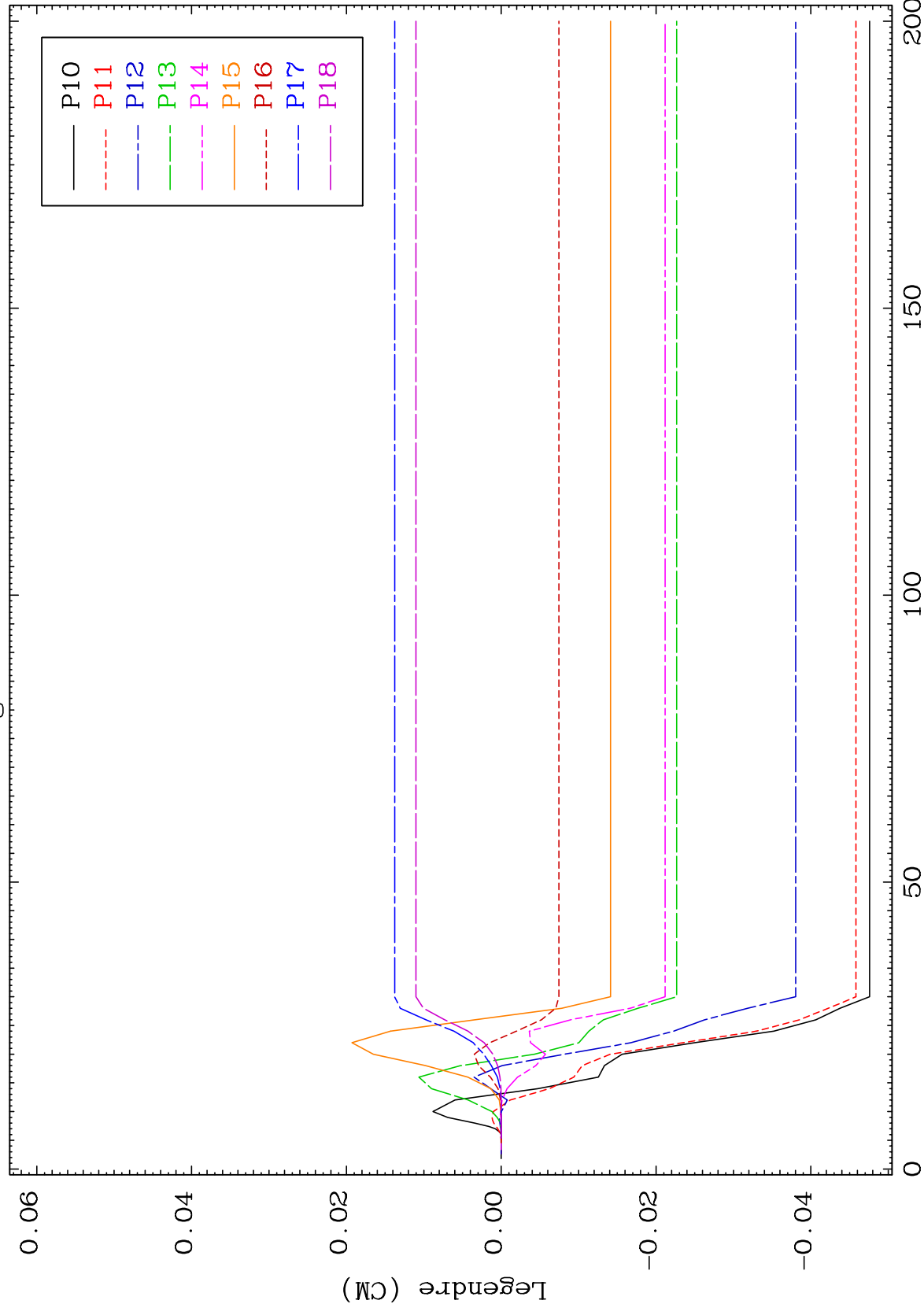




MAT 5452

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

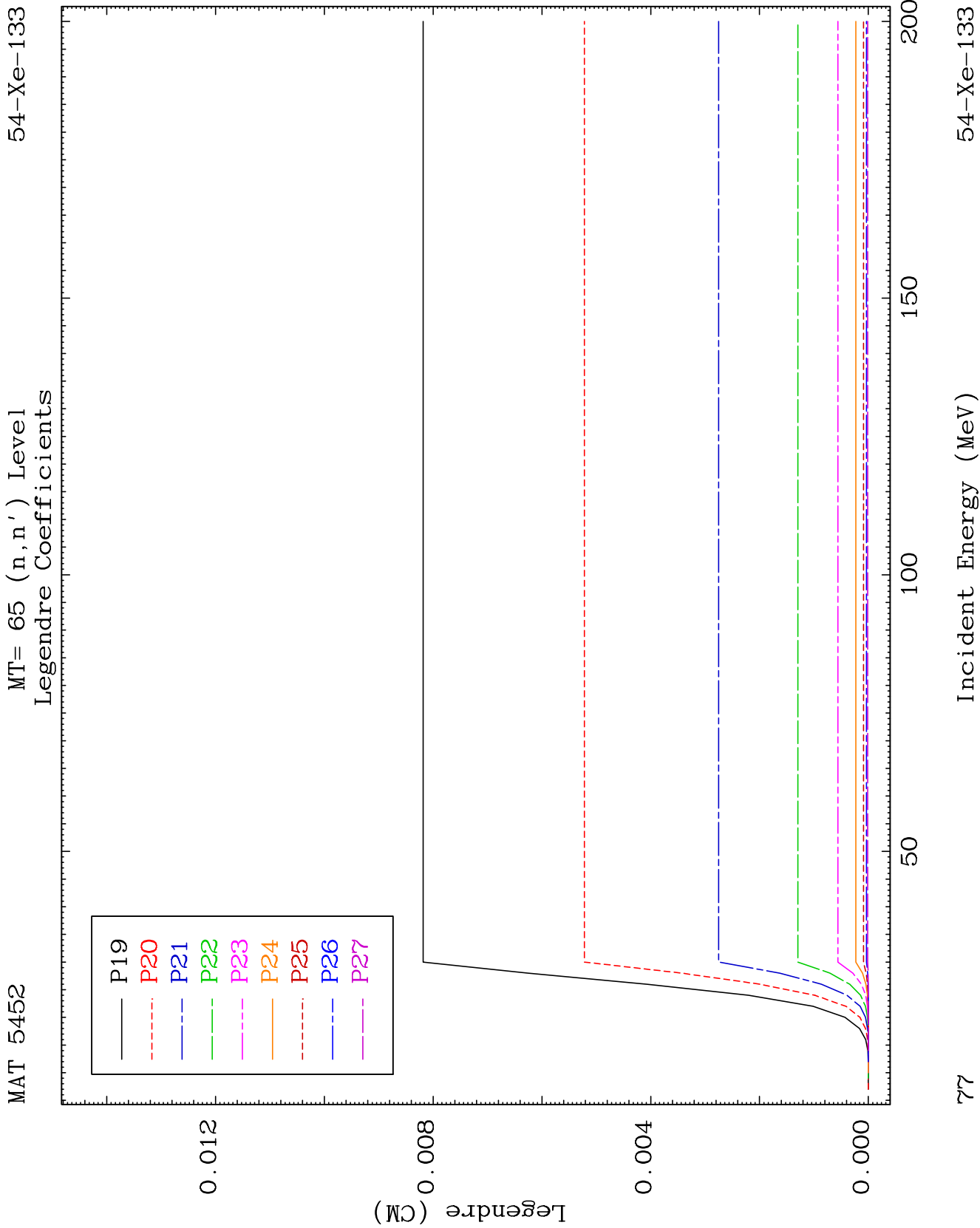
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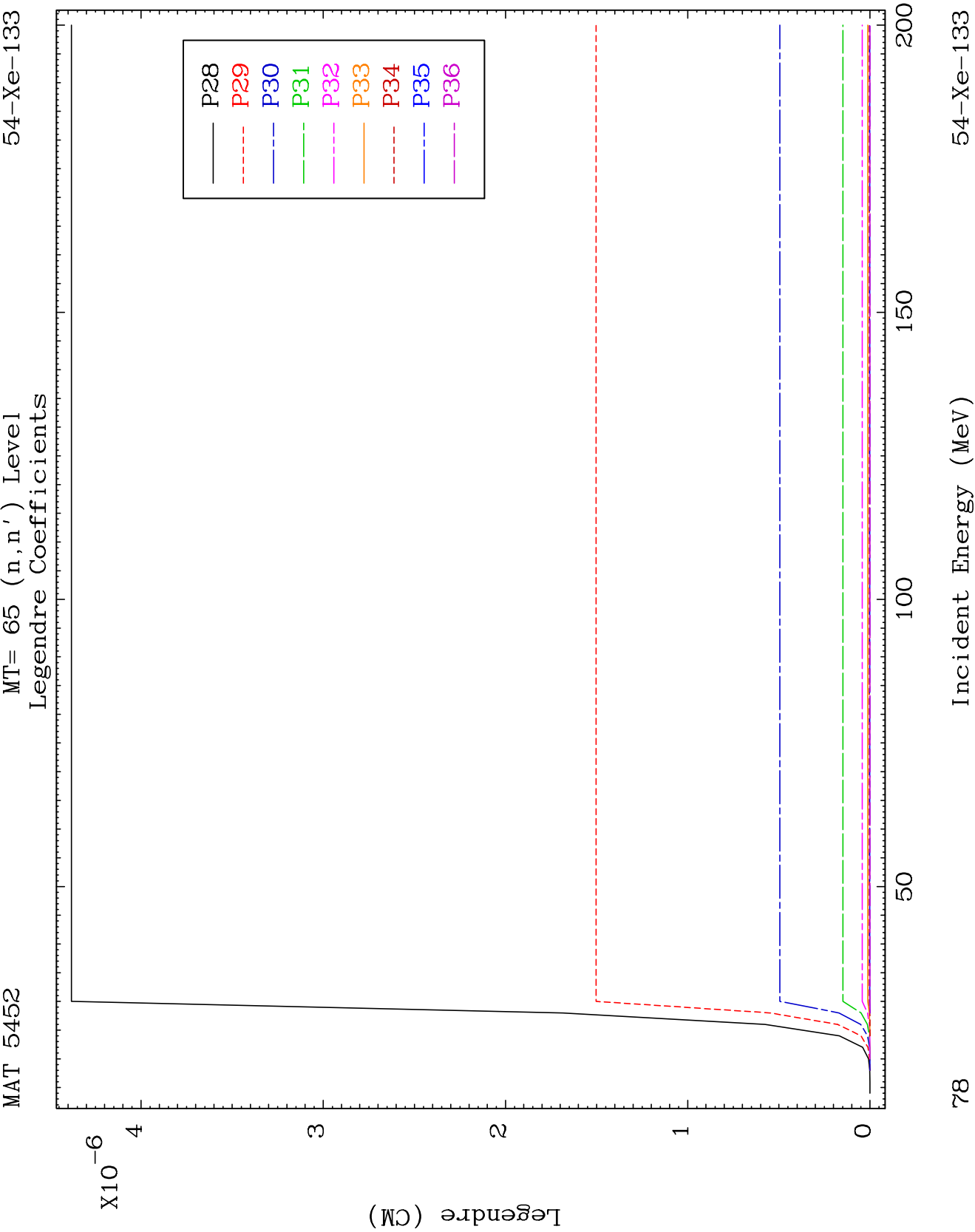


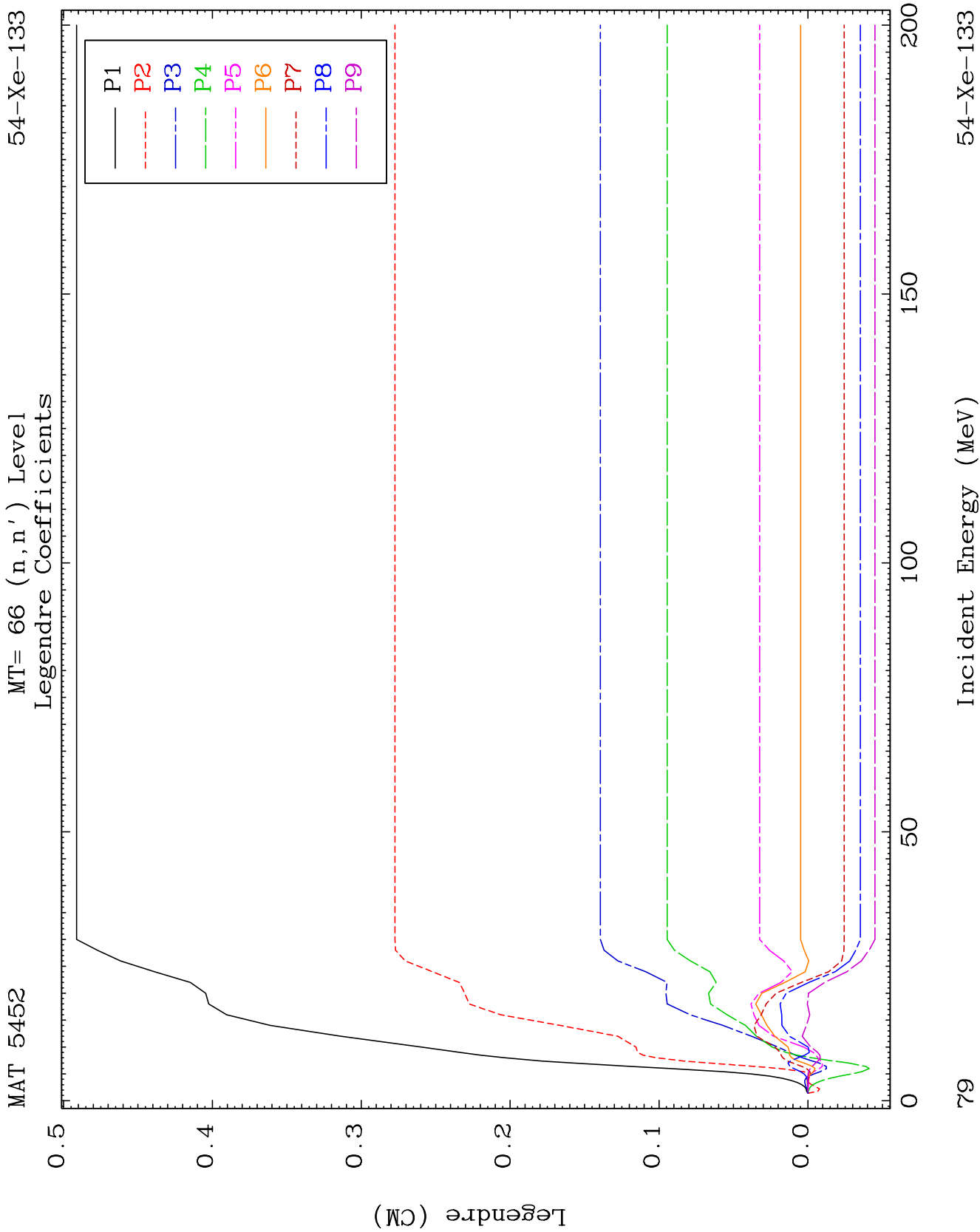
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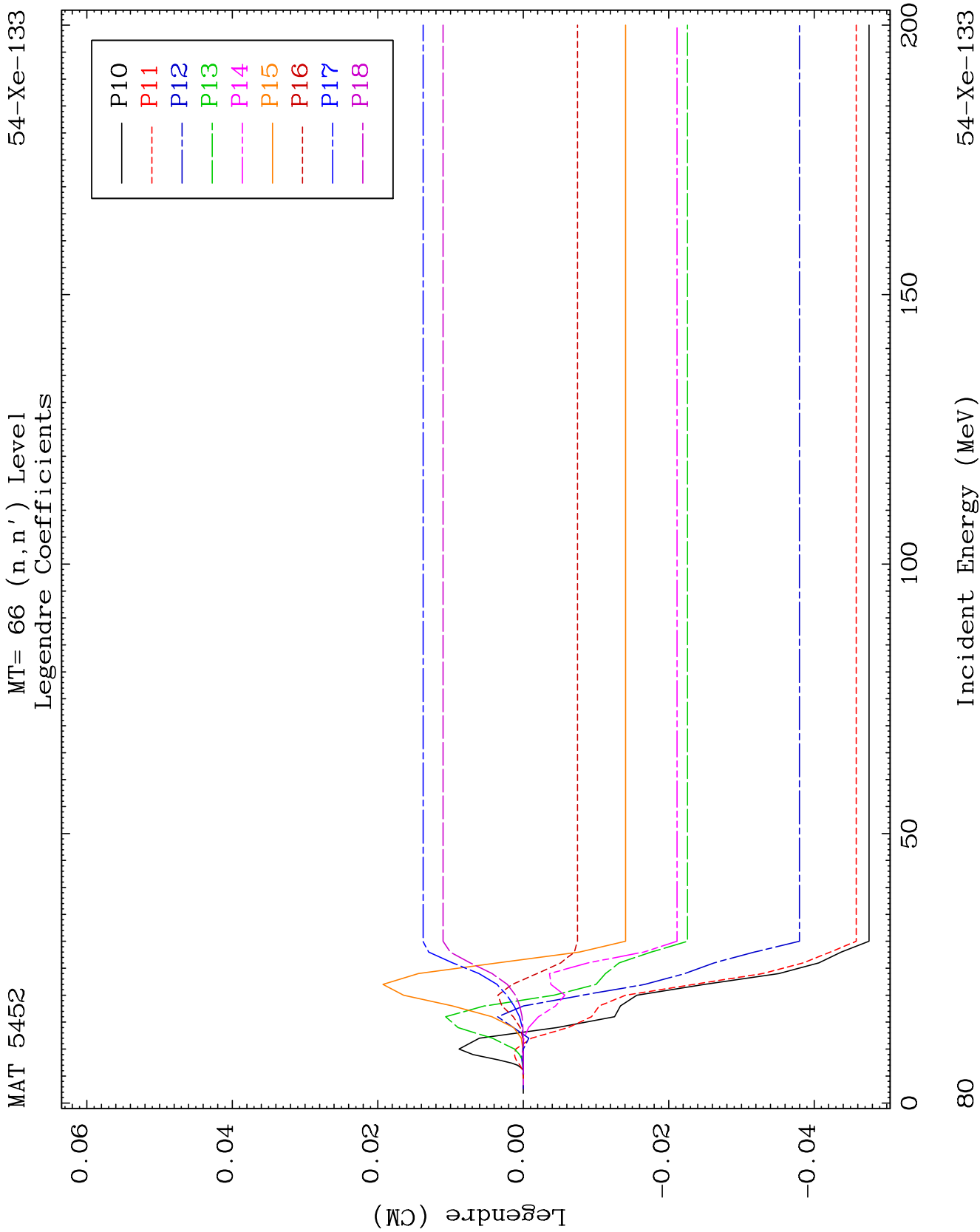
Incident Energy (MeV)

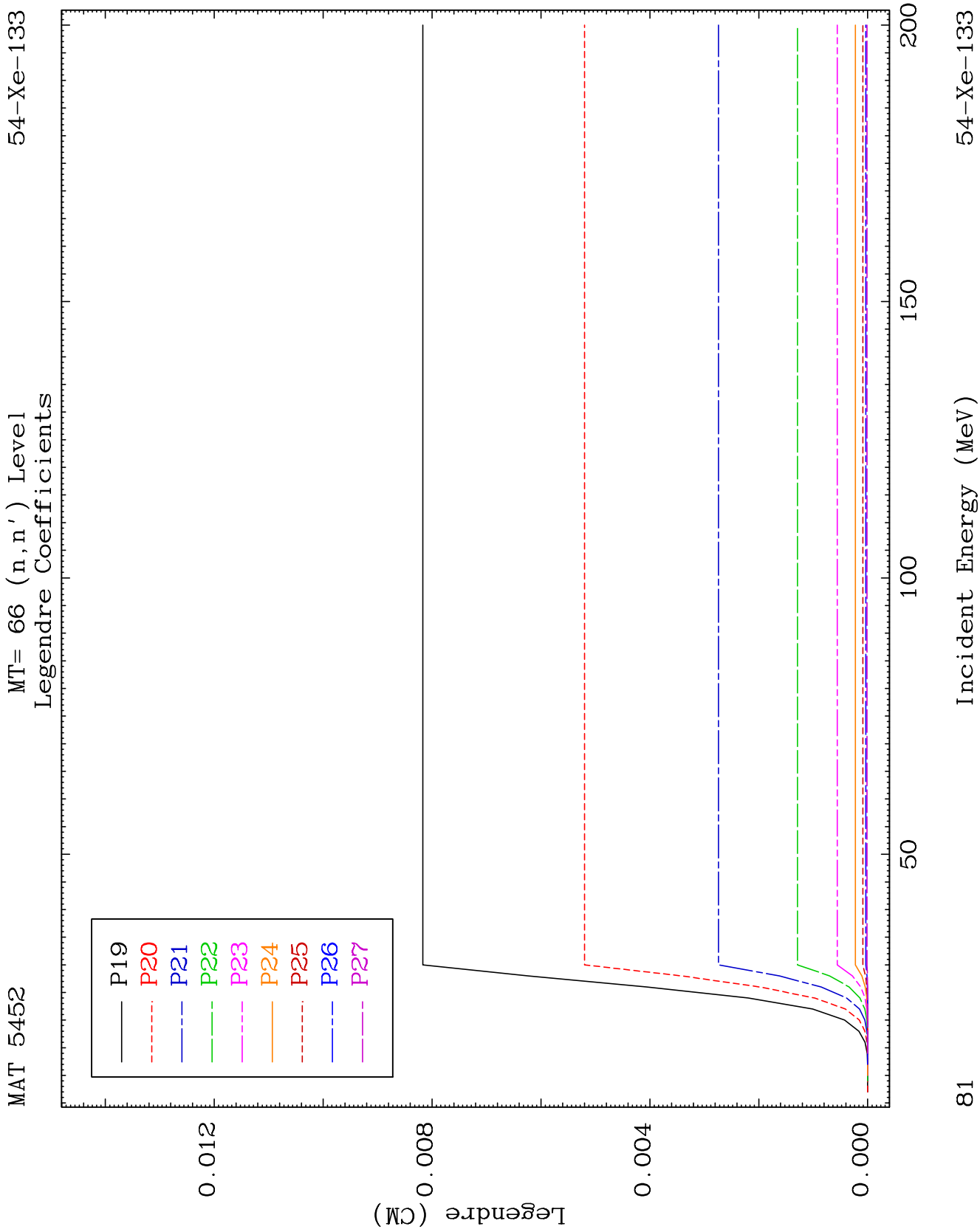
54-Xe-133

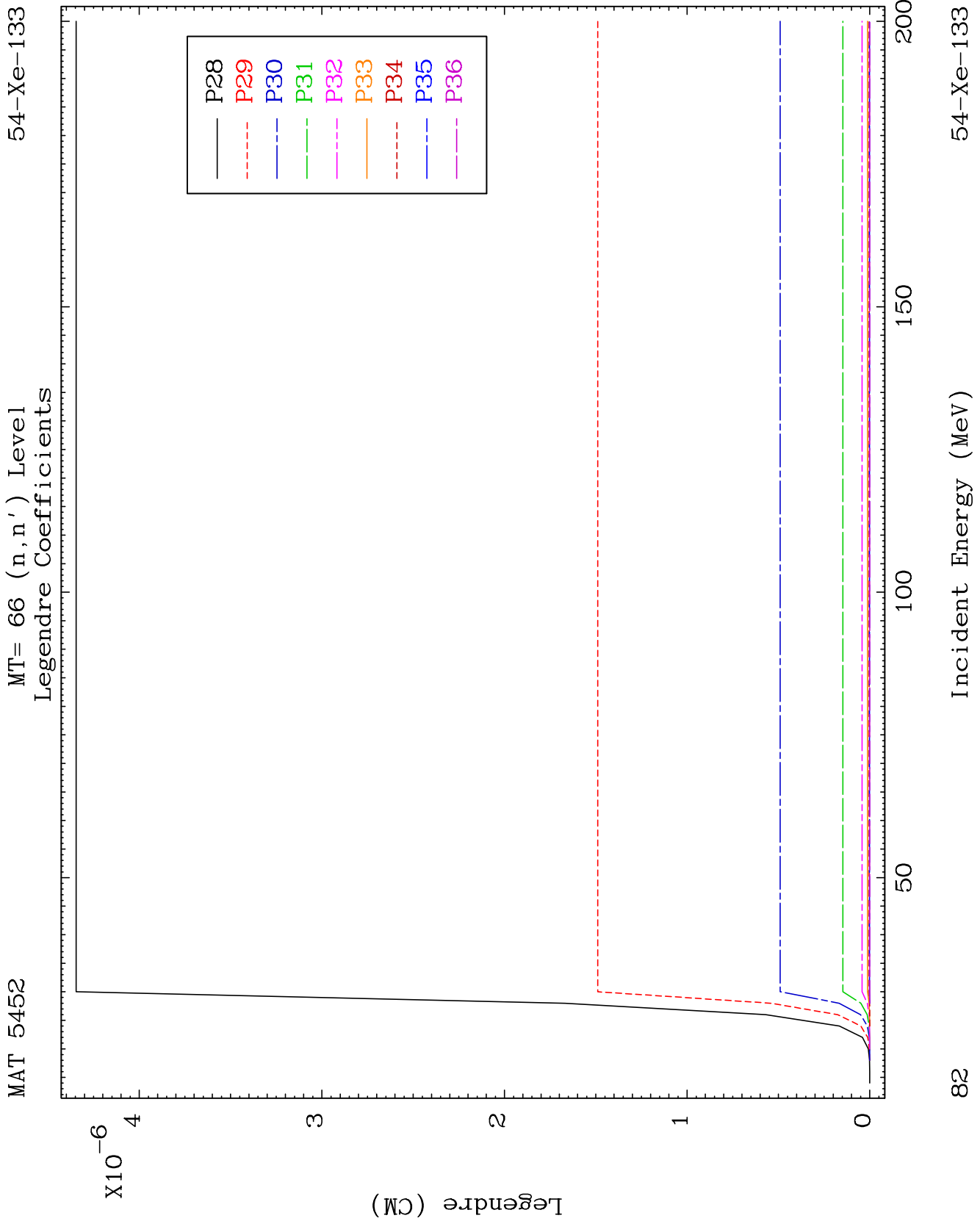




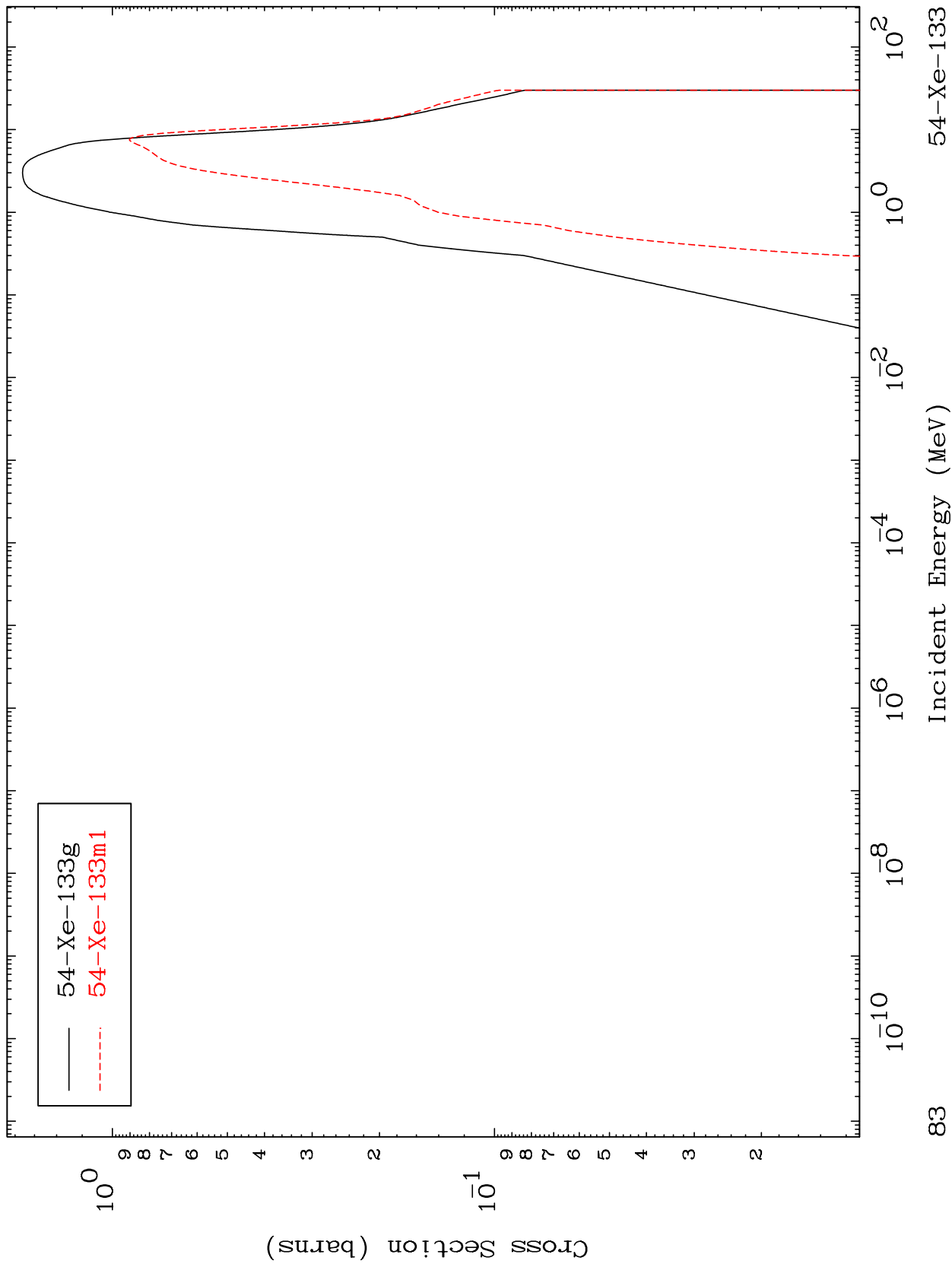




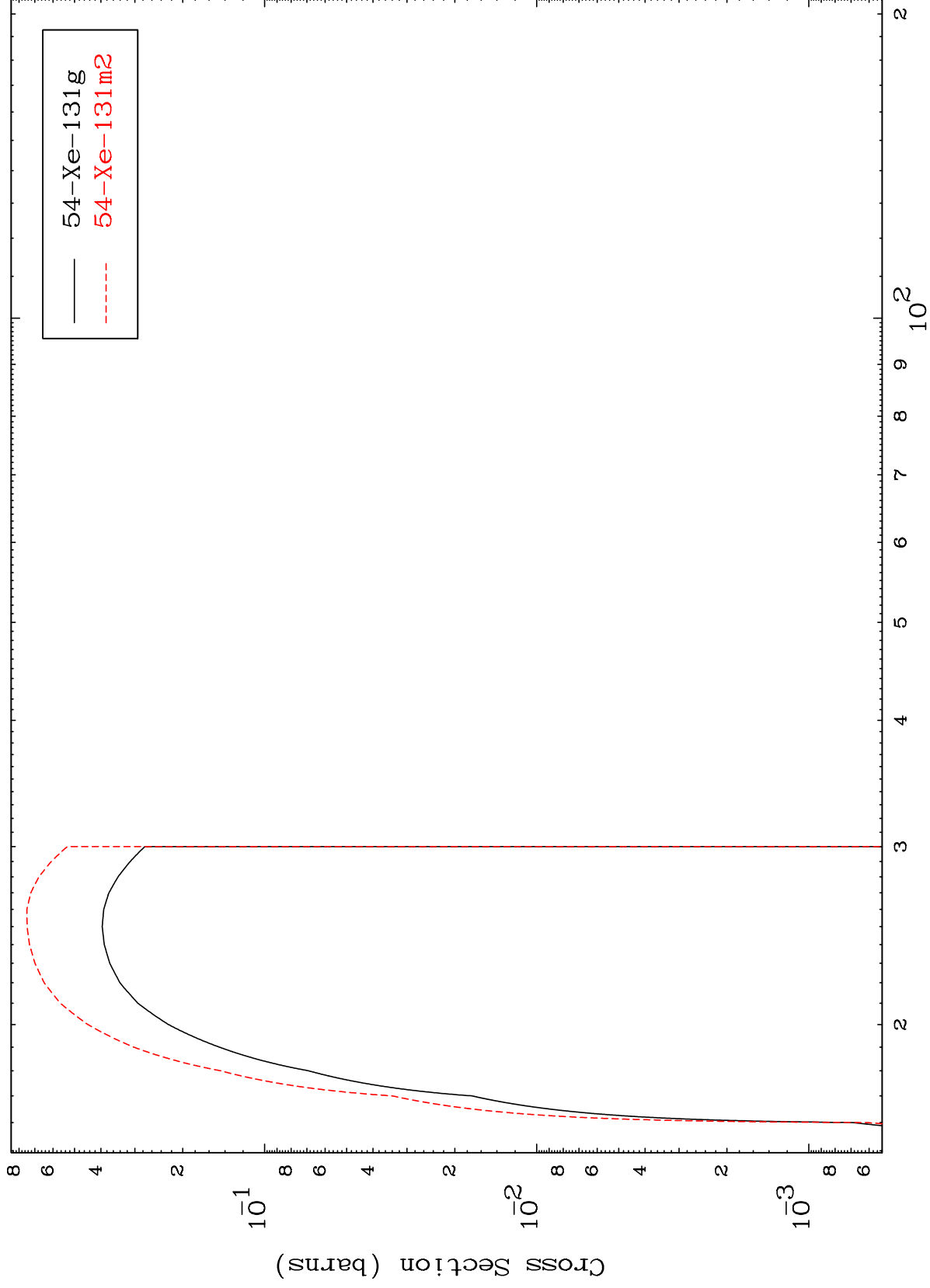


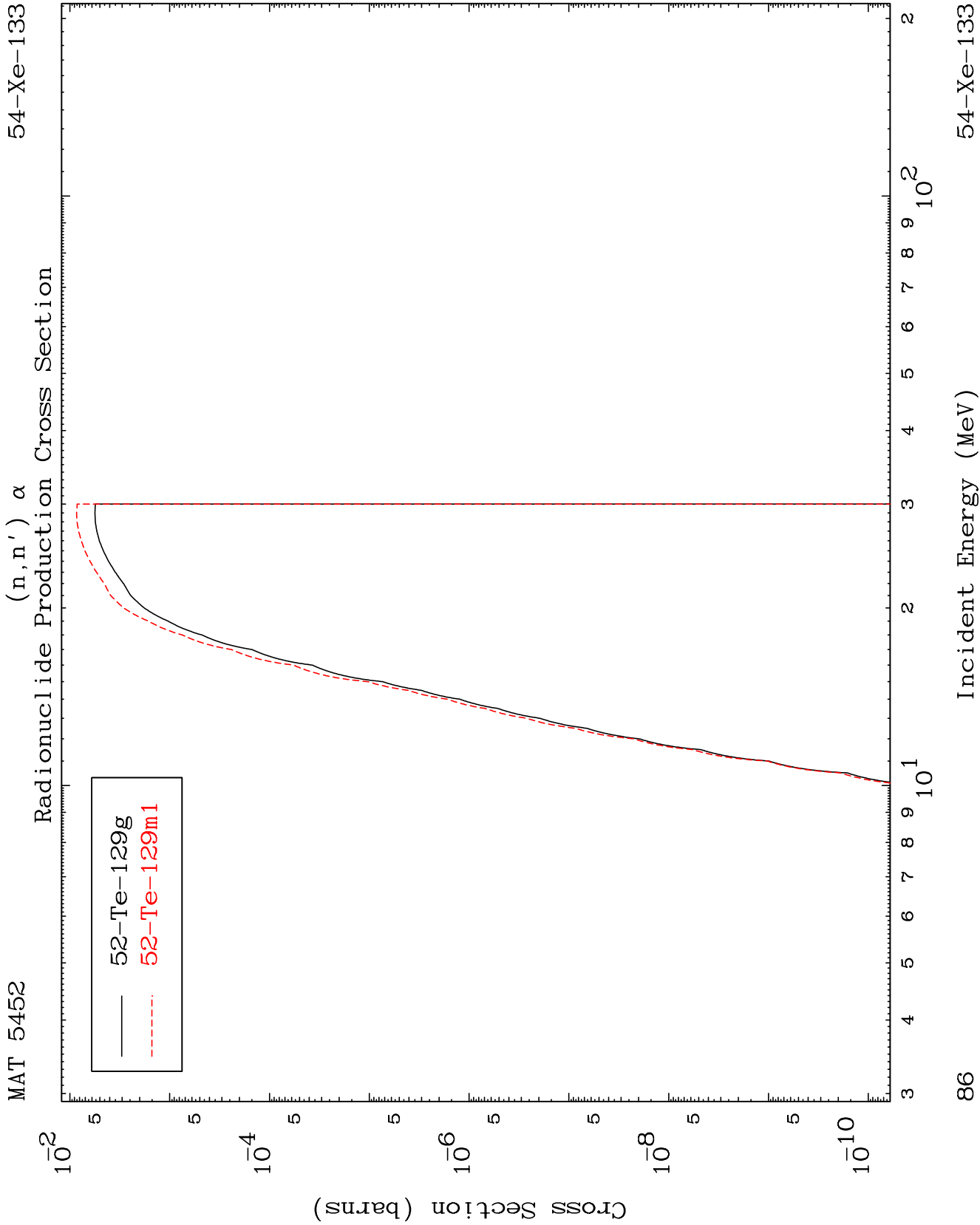


Inelastic
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

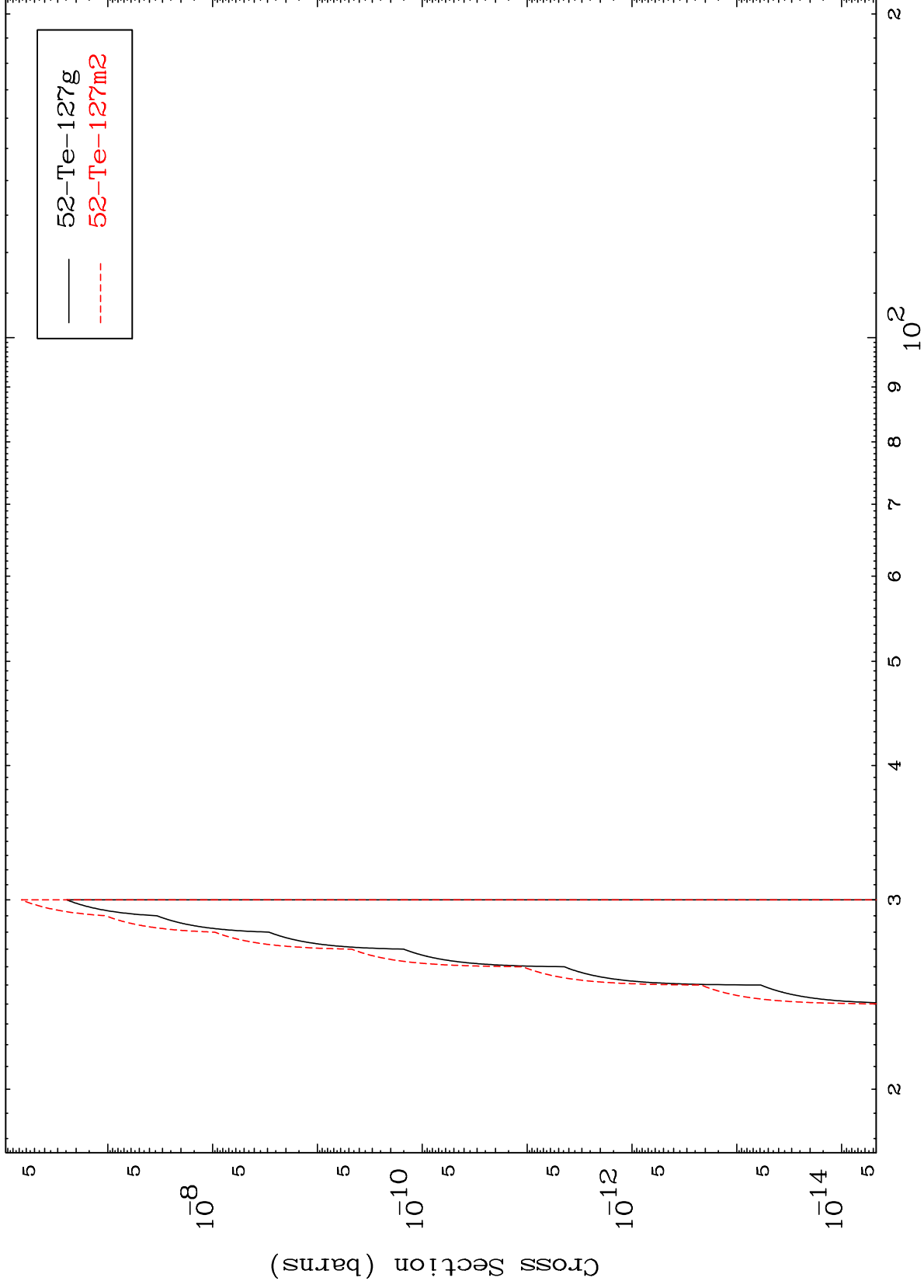




MAT 5452

54-Xe-133

$(n,3n) \alpha$
Radionuclide Production Cross Section

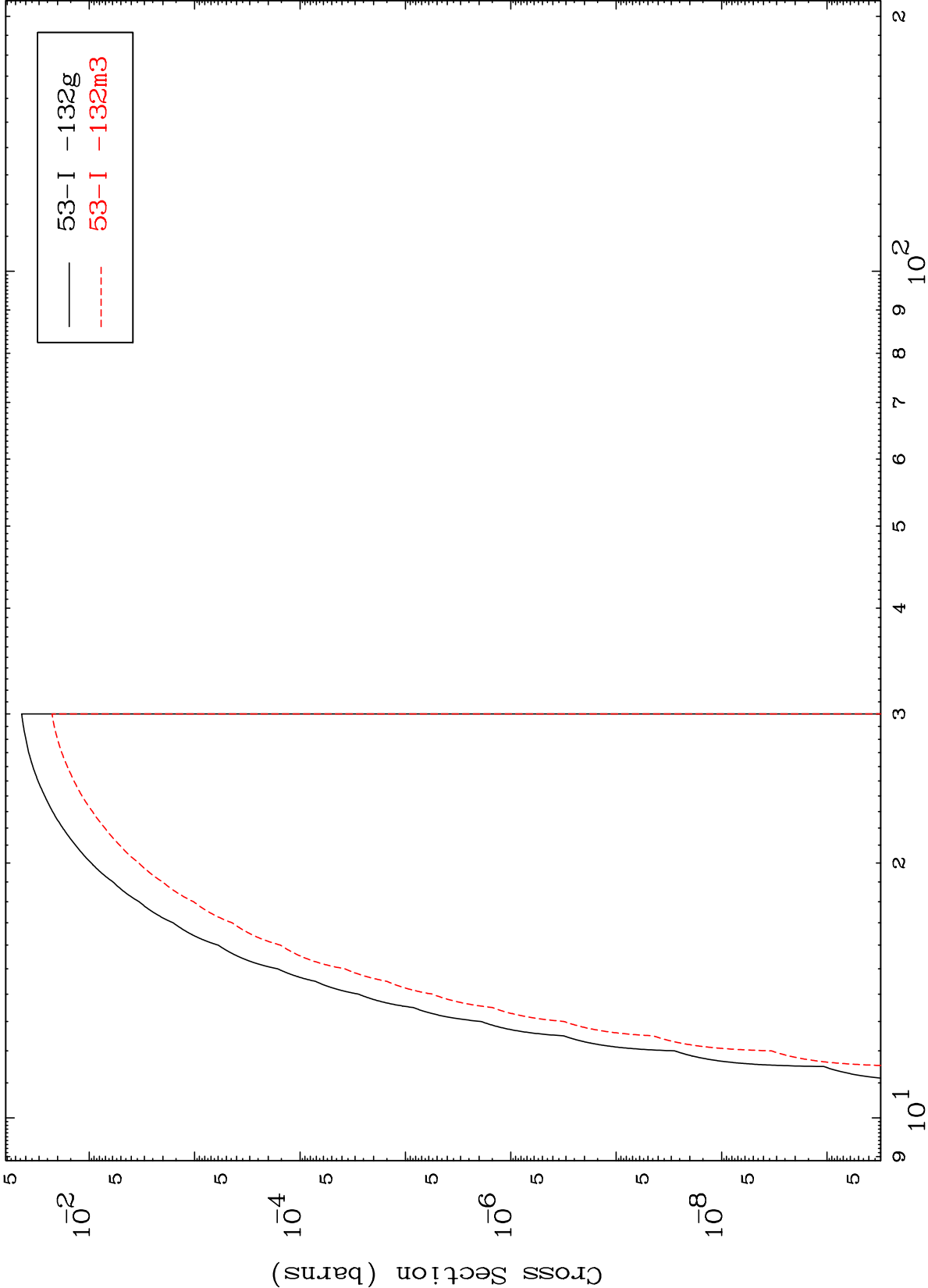


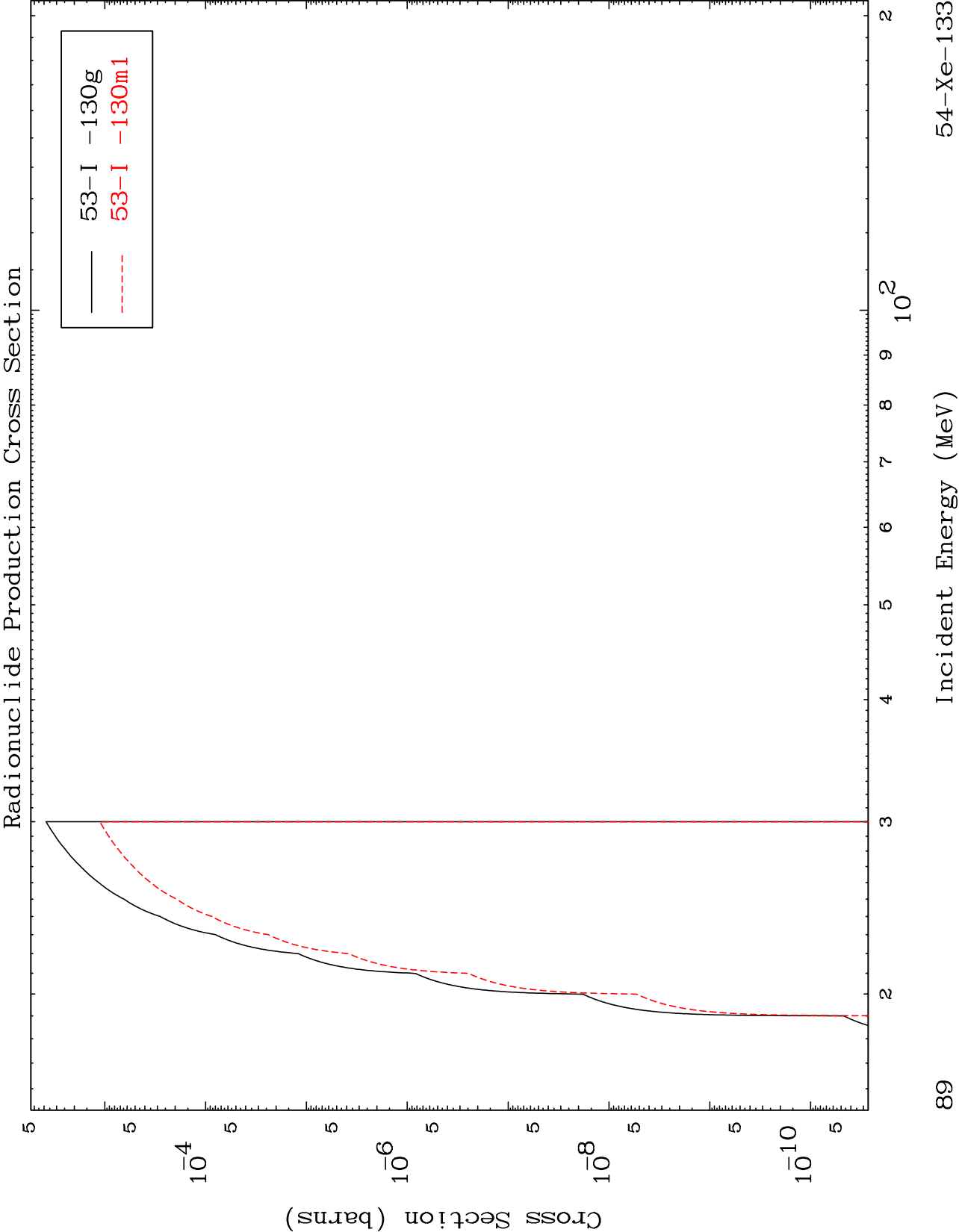
87

Incident Energy (MeV)

54-Xe-133

(n,n') p
Radionuclide Production Cross Section



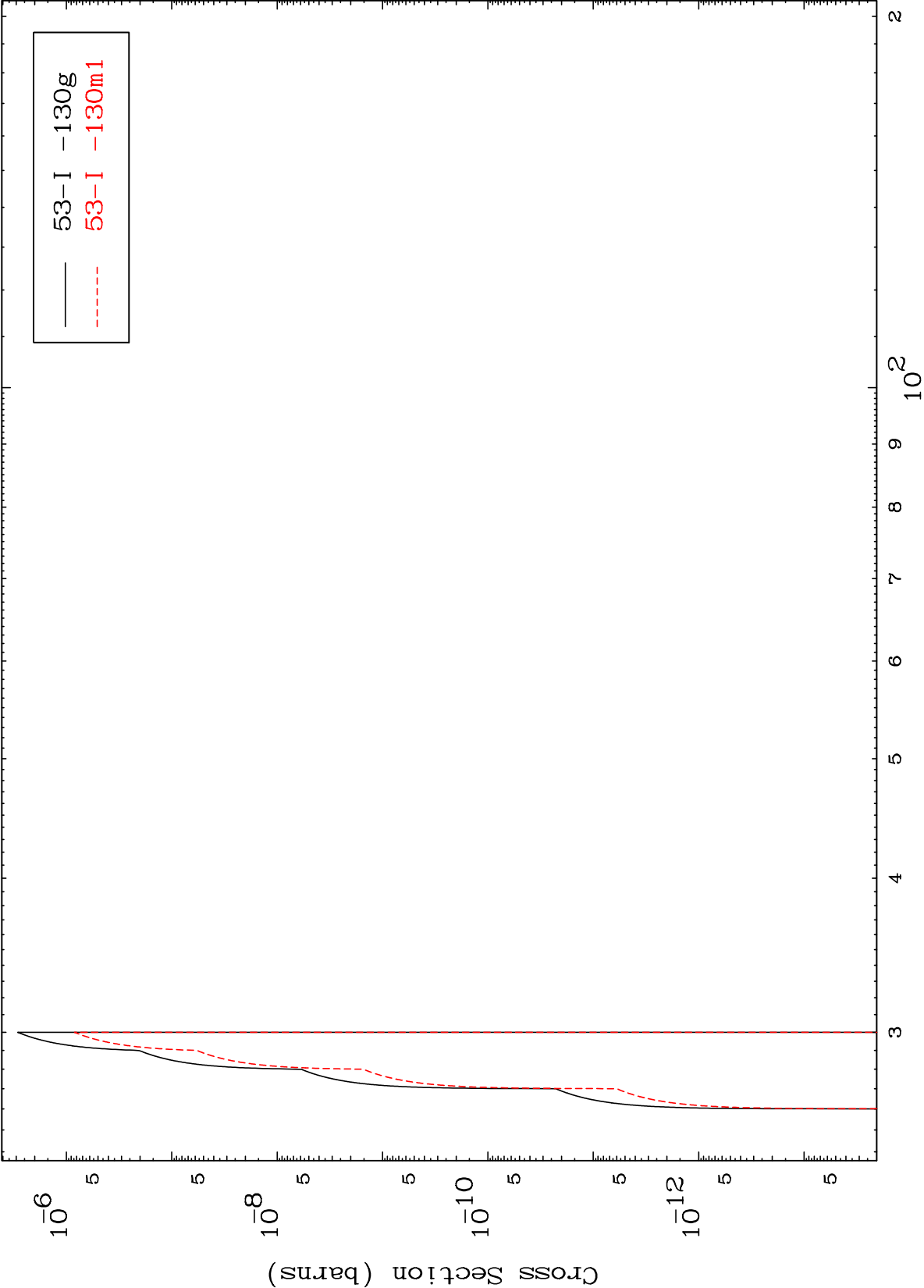


MAT 5452

(n,3n) p

54-Xe-133

Radionuclide Production Cross Section

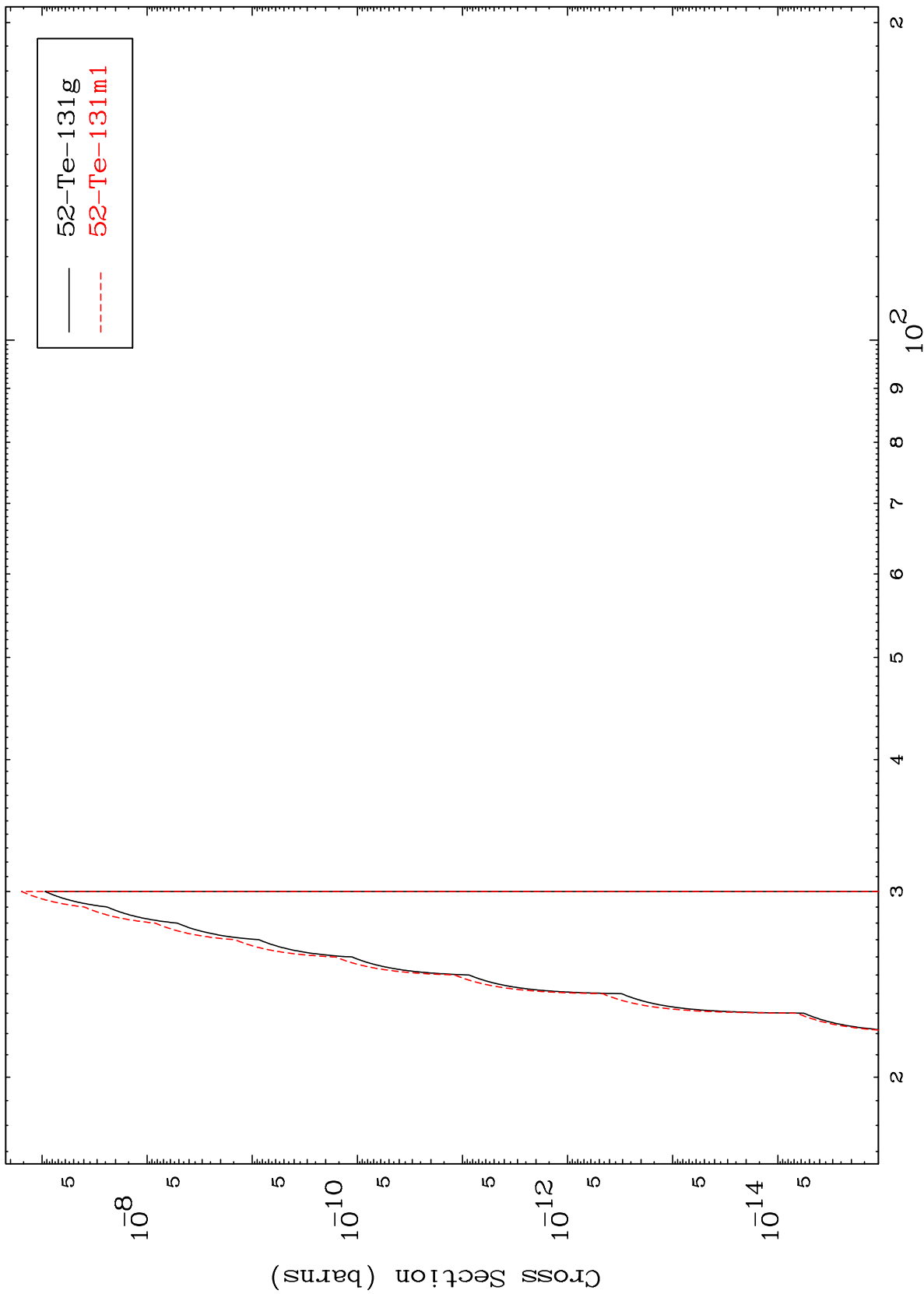


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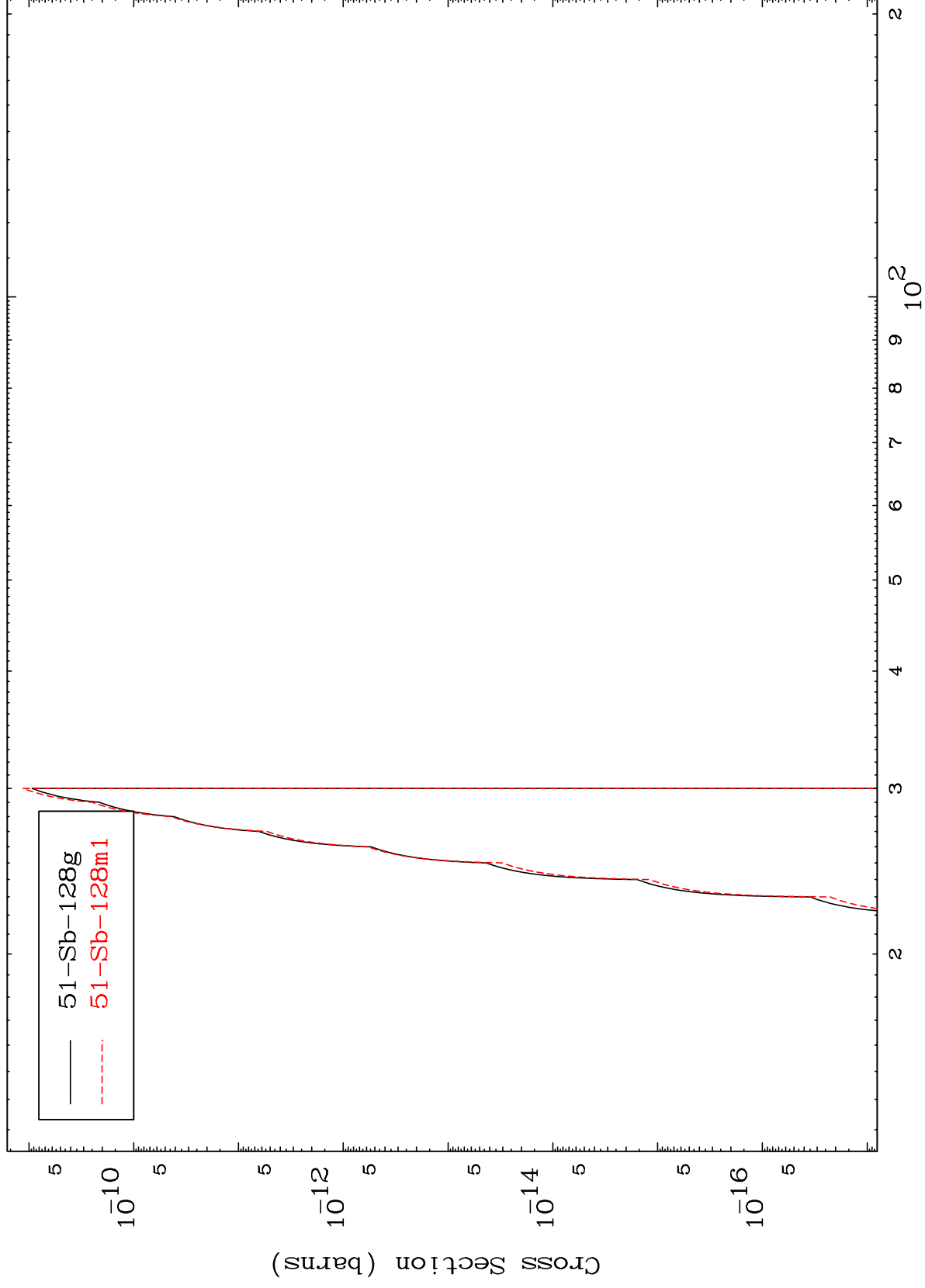
Incident Energy (MeV)

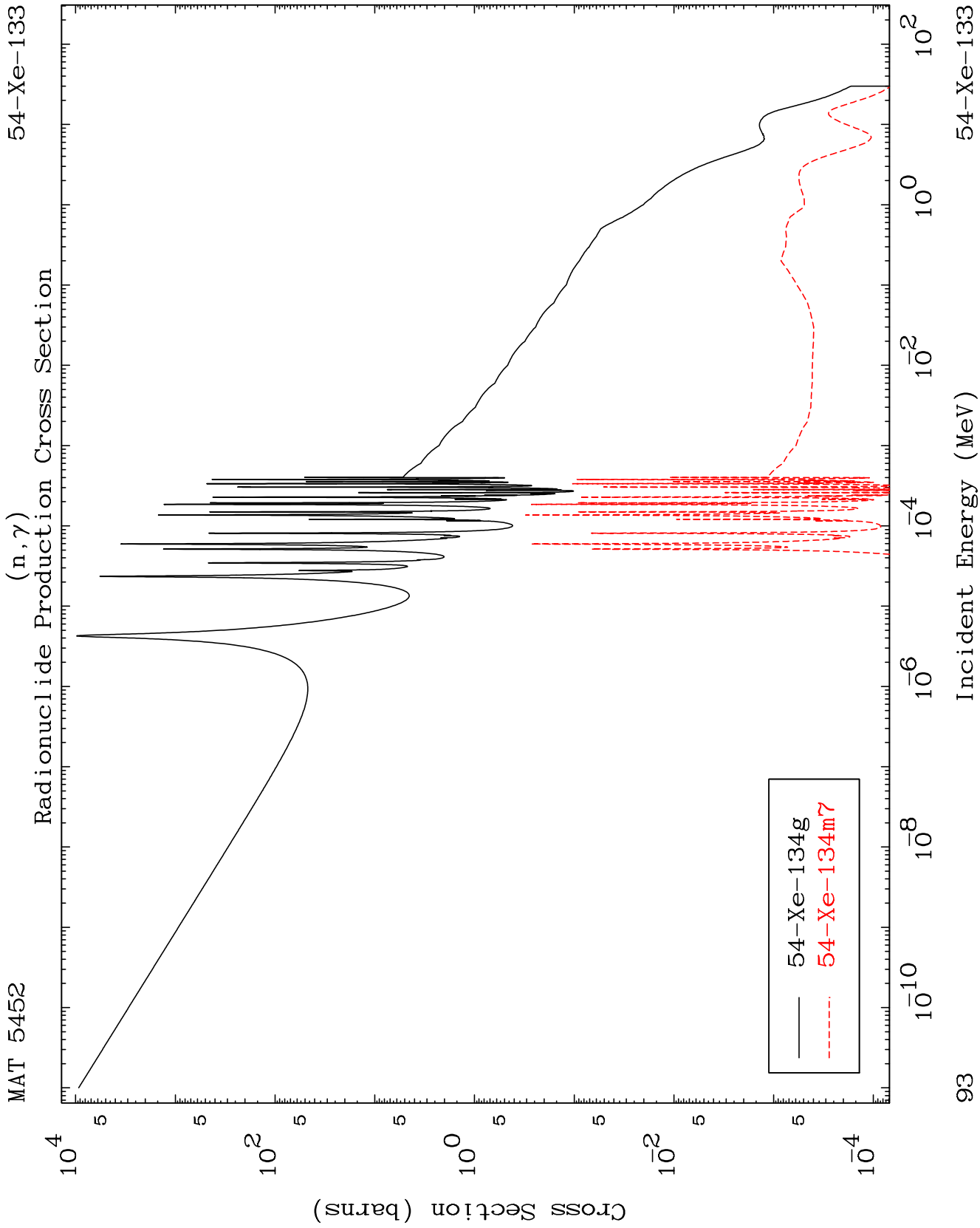
54-Xe-133

(n,2n) p
Radionuclide Production Cross Section



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

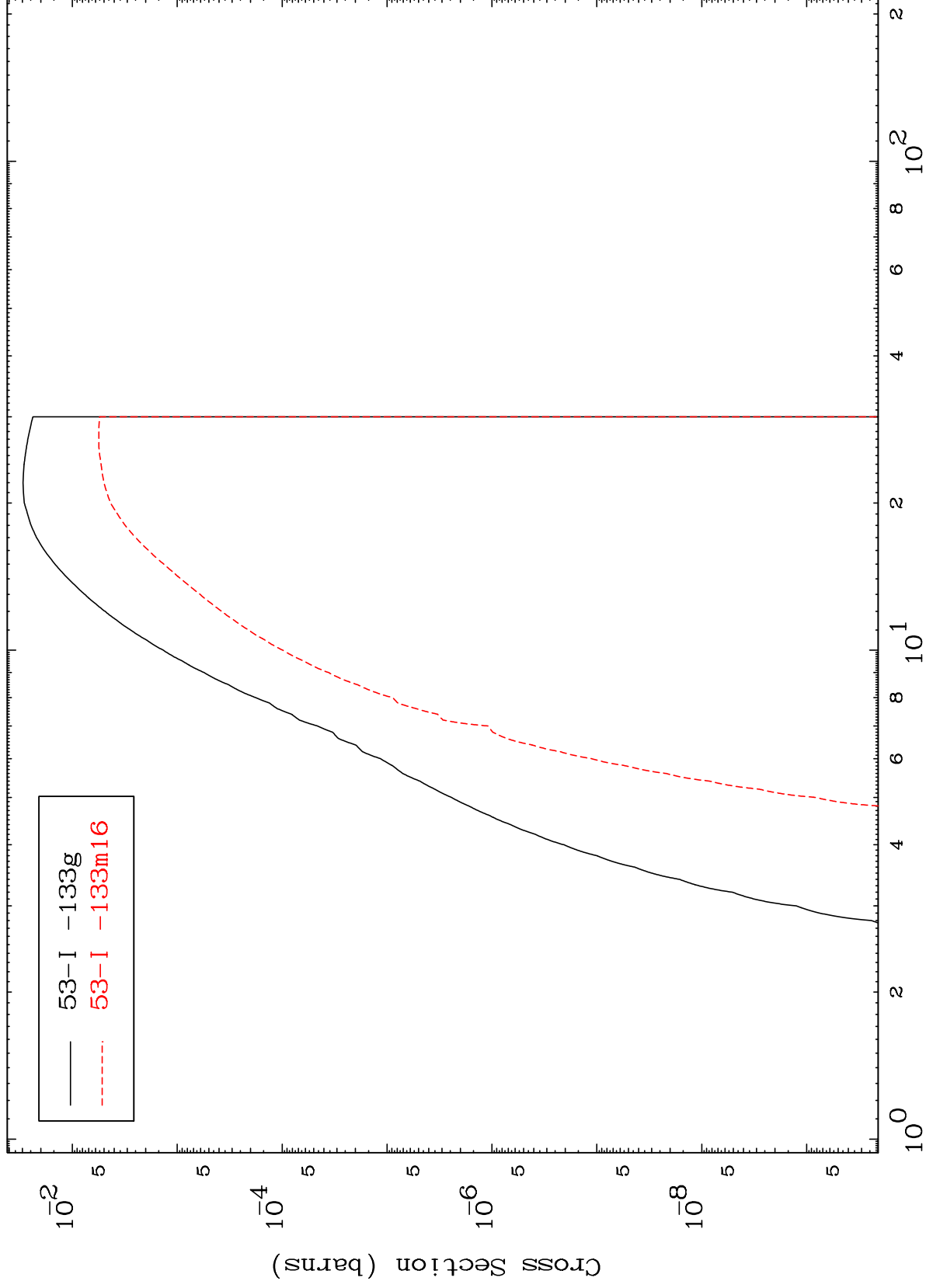




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54-Xe-133

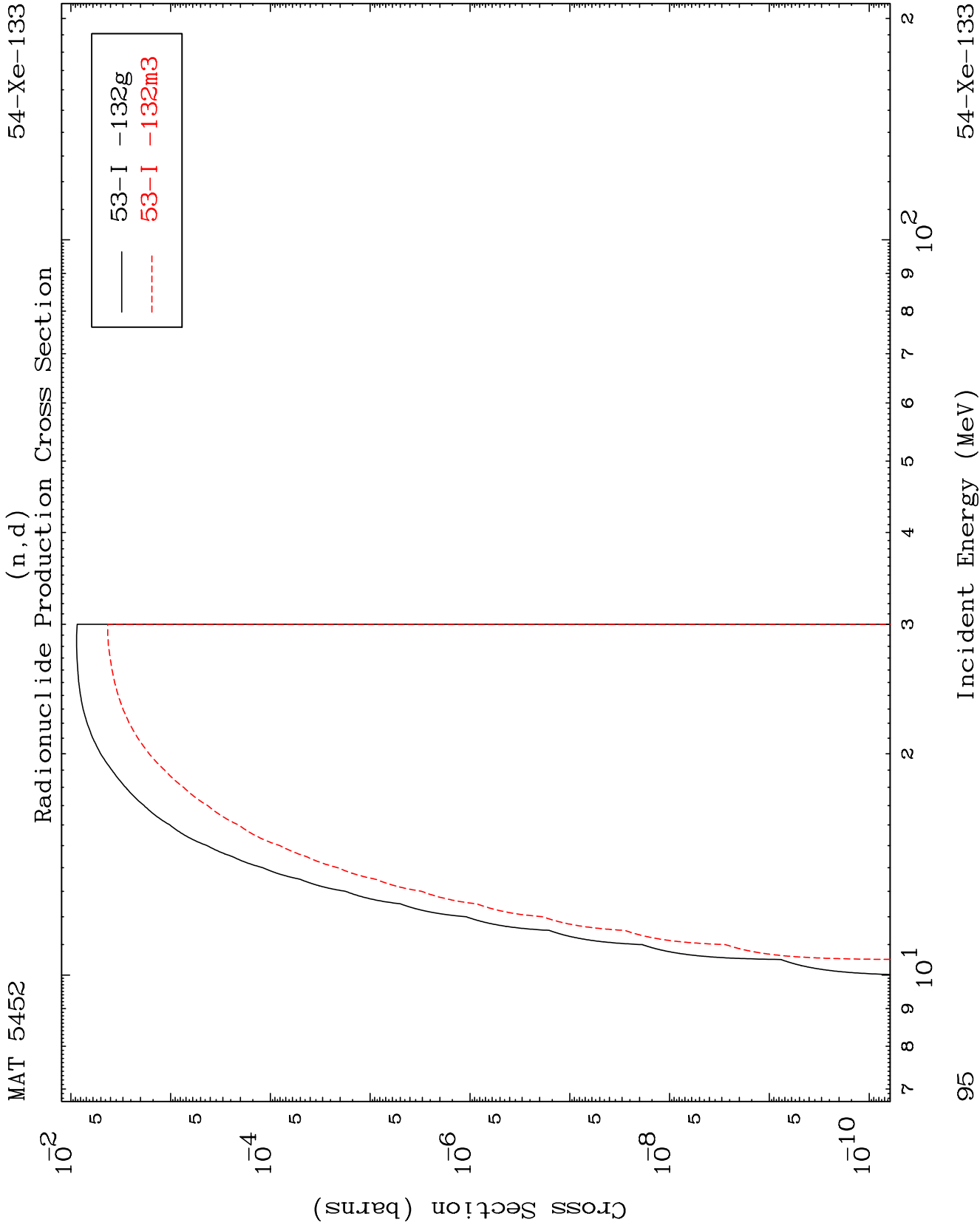
Radionuclide Production Cross Section
(n,p)



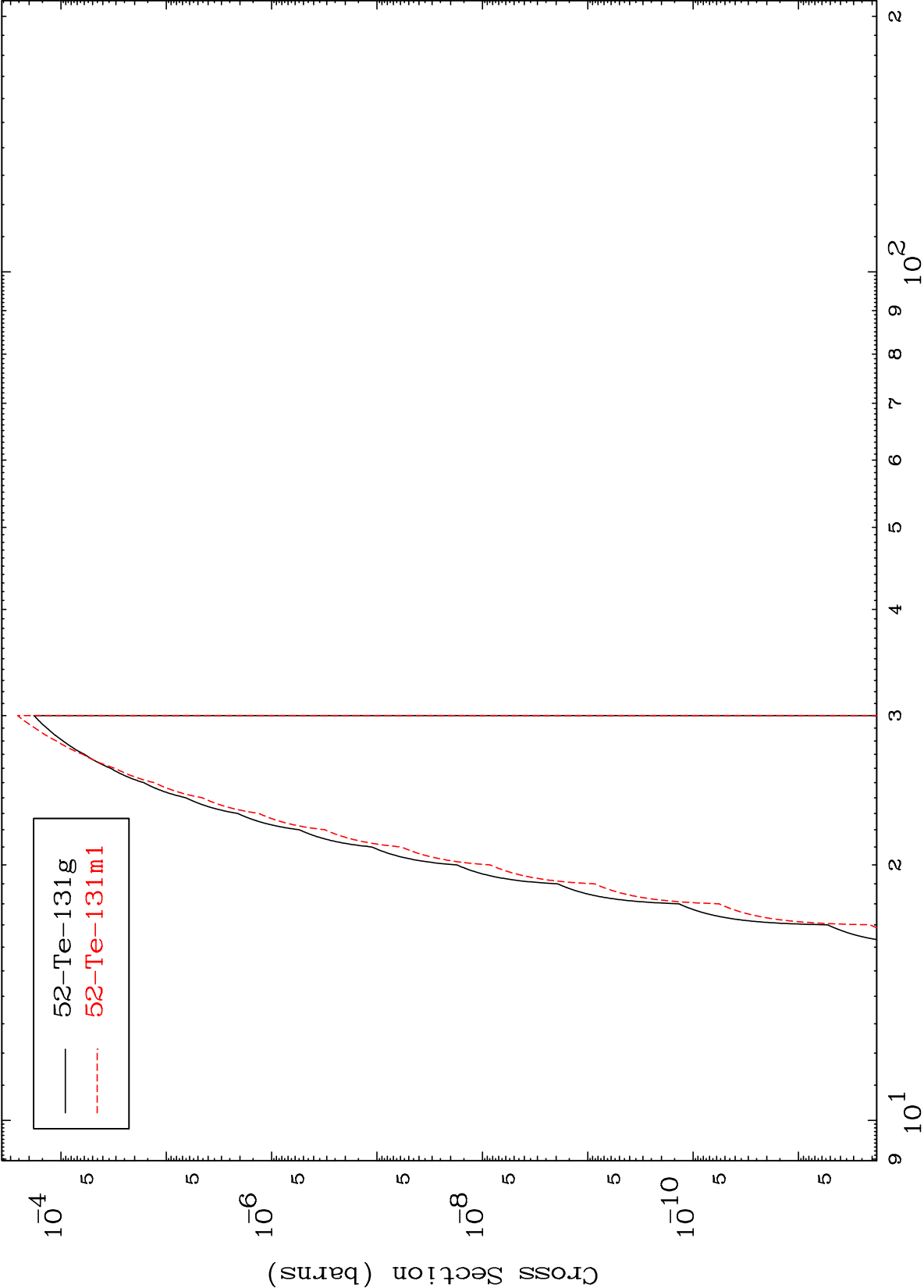
94

Incident Energy (MeV)

54-Xe-133



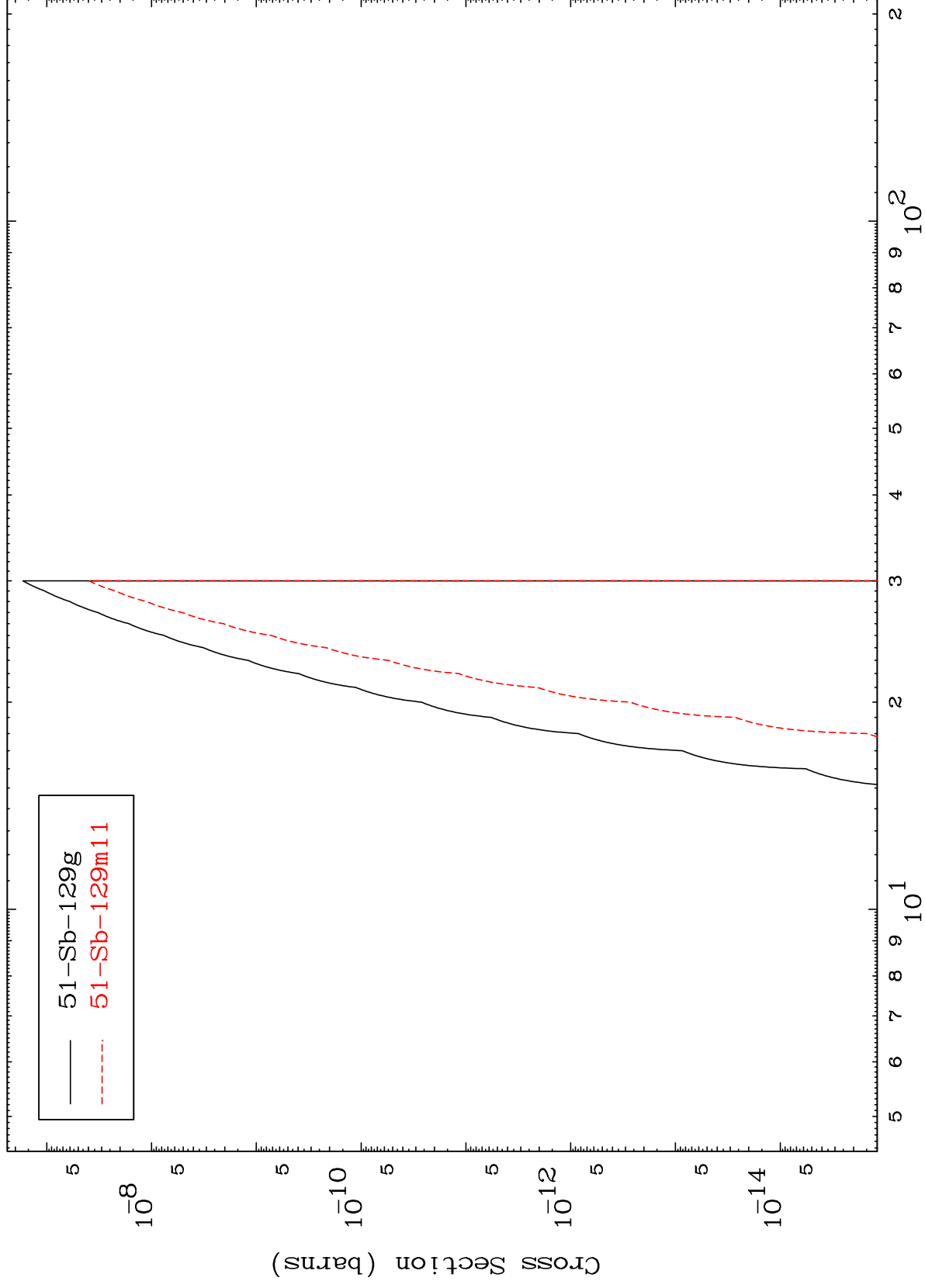
Radionuclide Production Cross Section



MAT 5452

54-Xe-133

(n,p) α
Radionuclide Production Cross Section



97

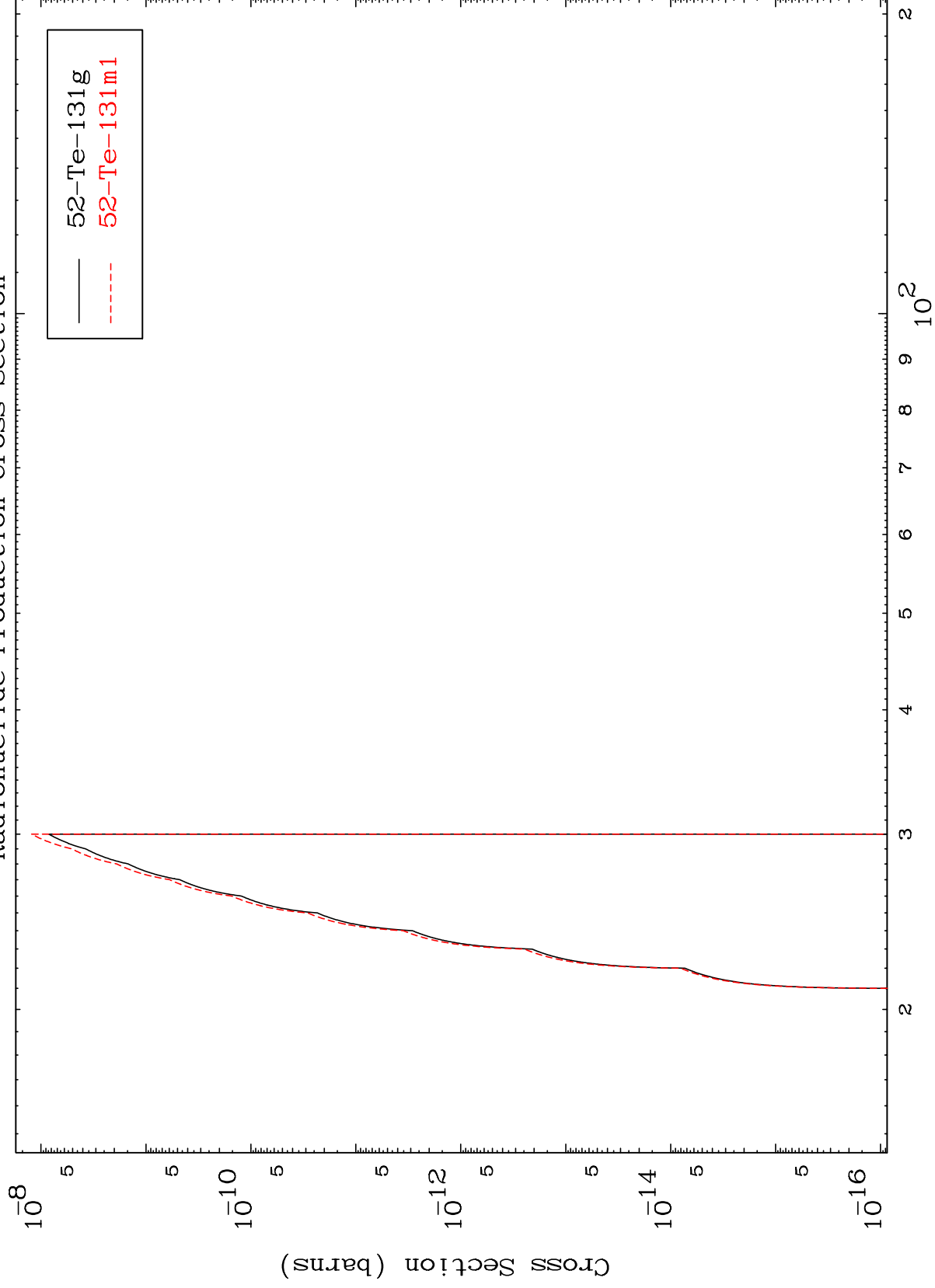
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

(n,p) d
Radionuclide Production Cross Section



98

Incident Energy (MeV)

54-Xe-133