

Program EVALPLOT
(Version 2017-1)

by

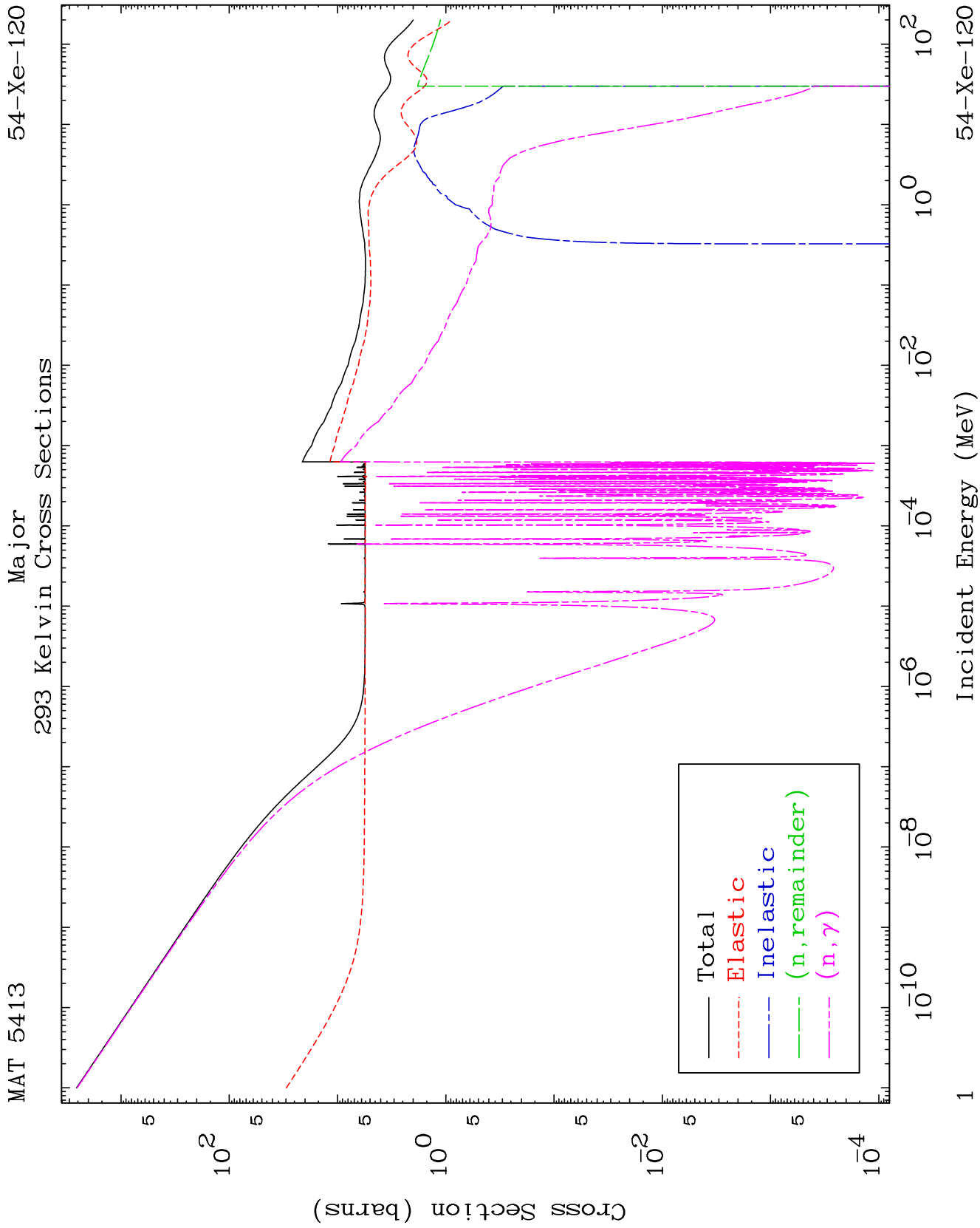
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

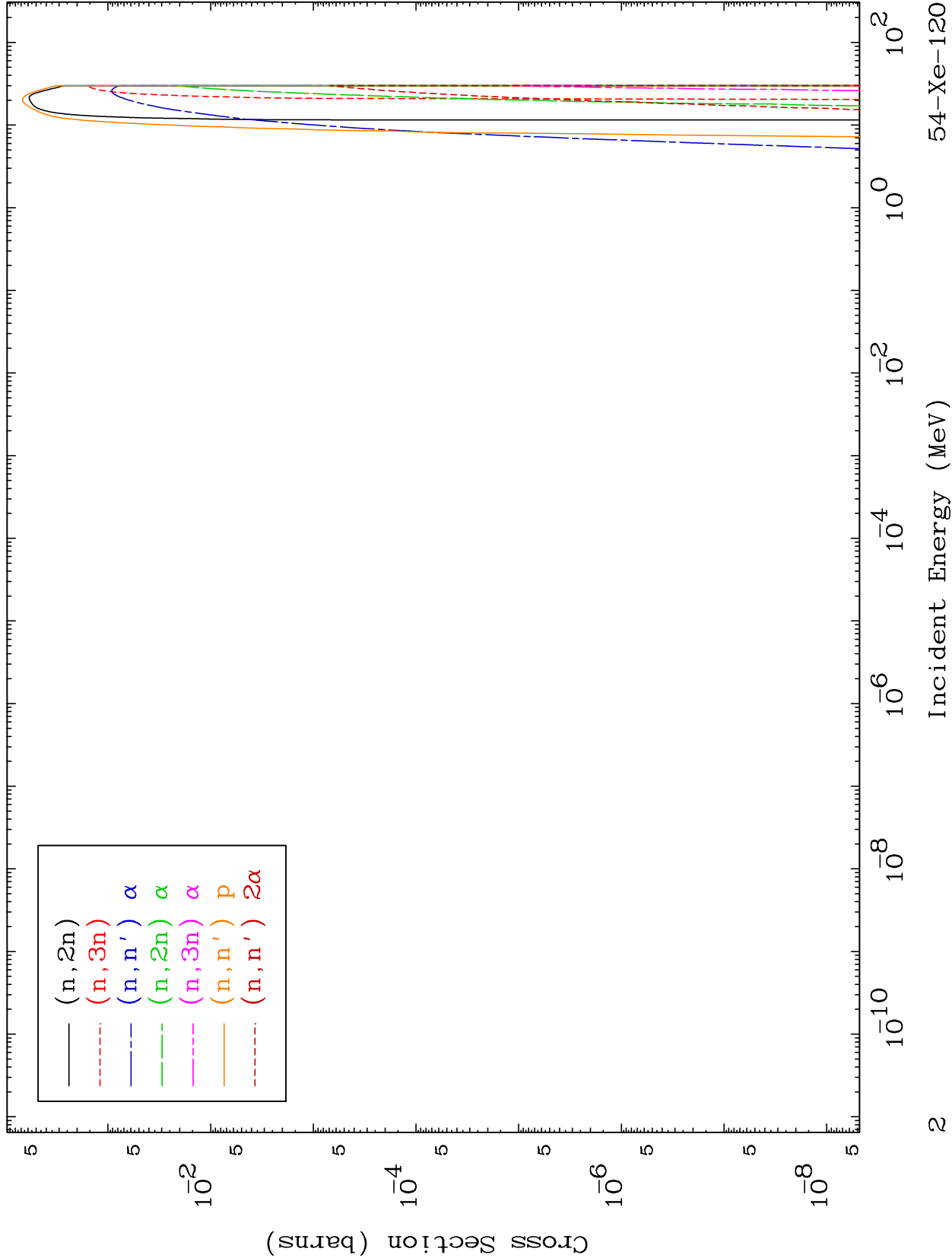
Press Mouse Button to Start

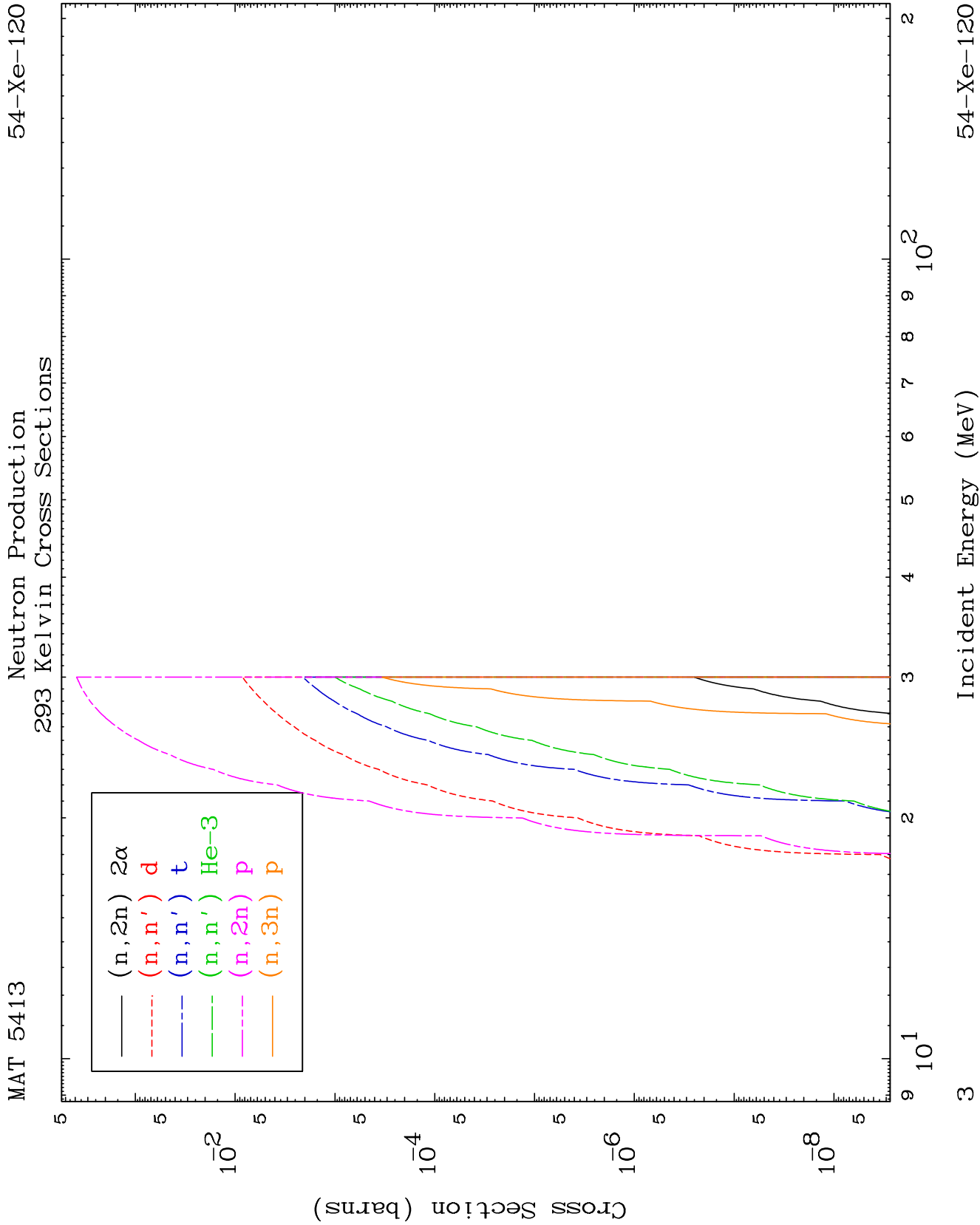


MAT 5413

Neutron Production
293 Kelvin Cross Sections

54-Xe-120

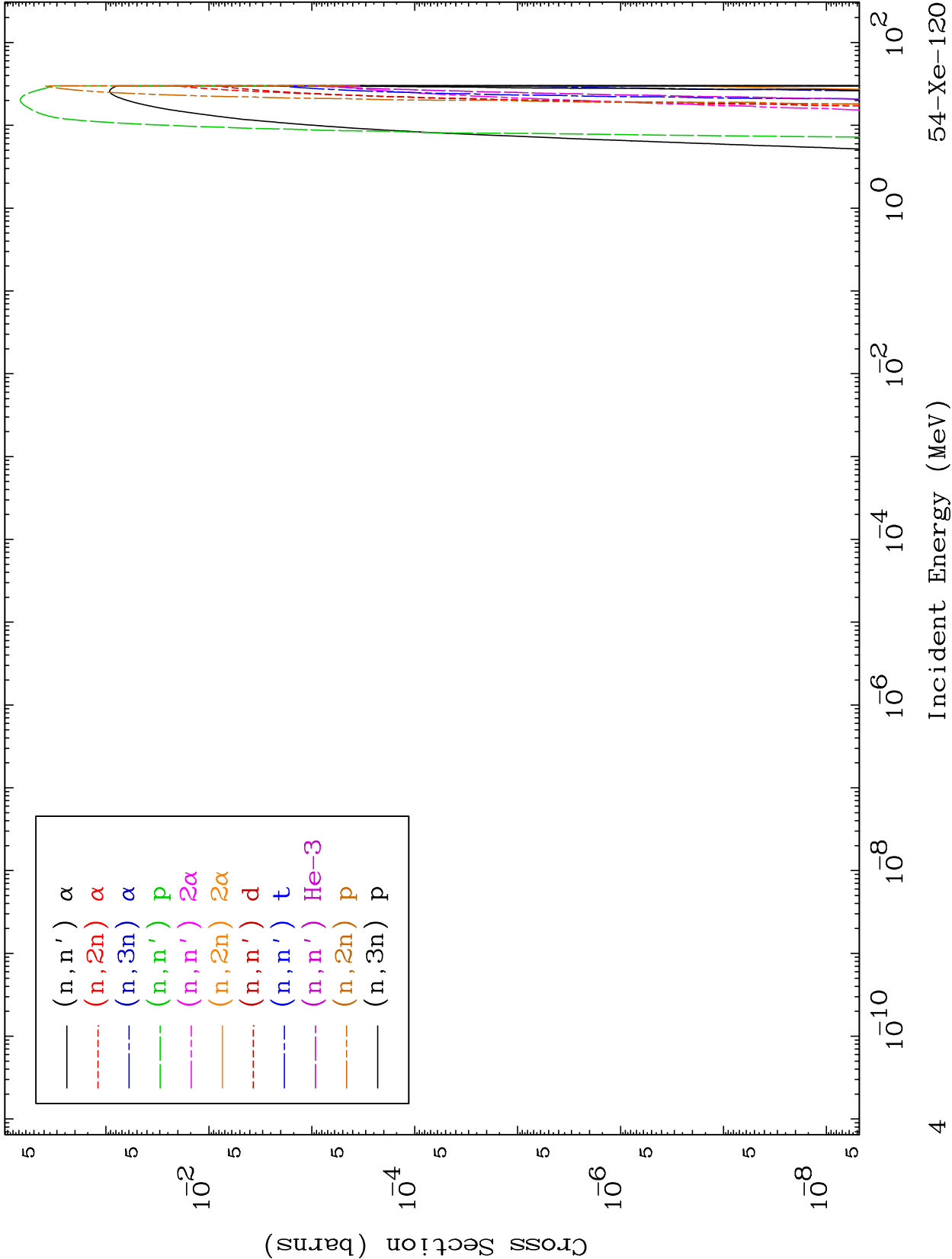


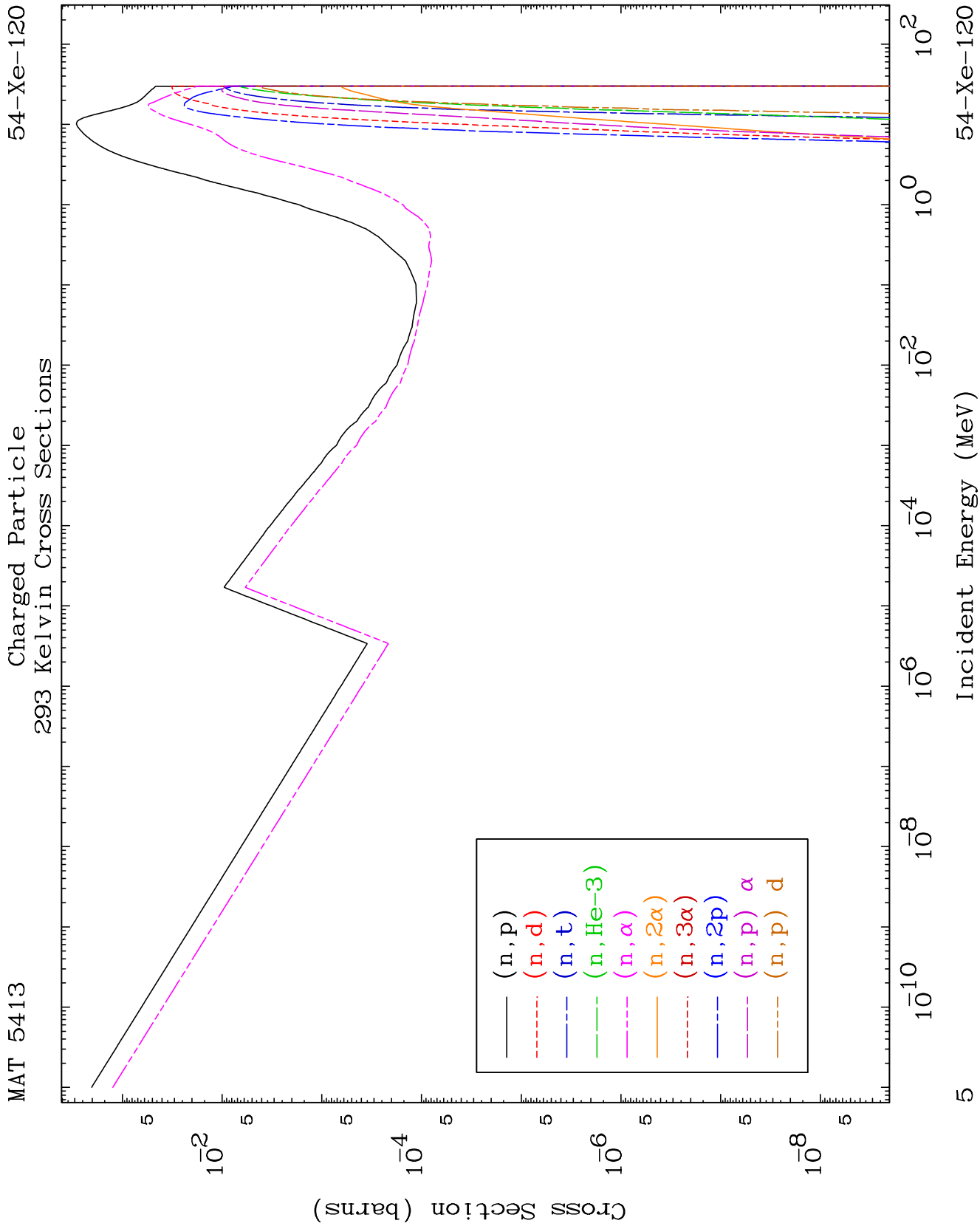


MAT 5413

Charged Particle
293 Kelvin Cross Sections

54-Xe-120

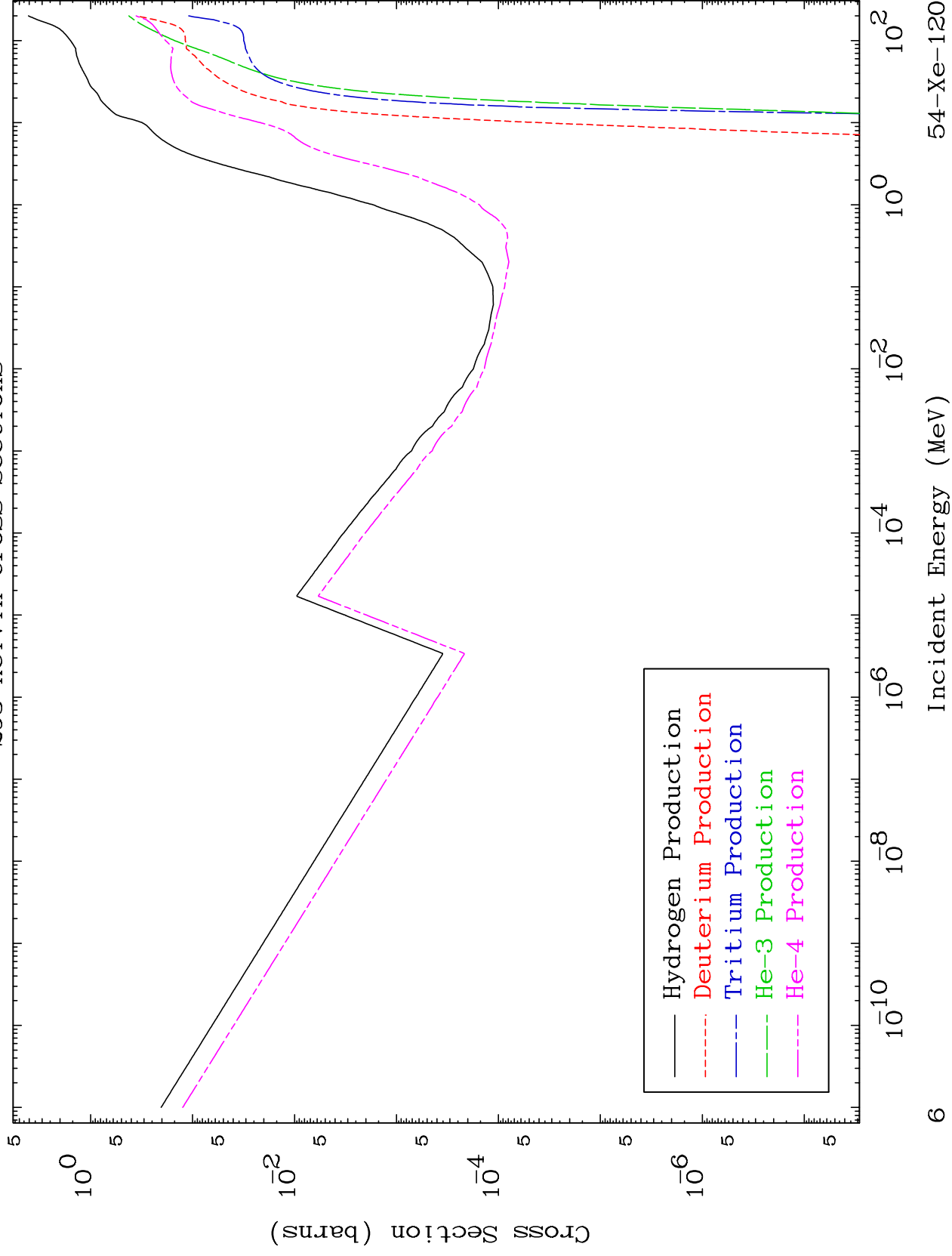




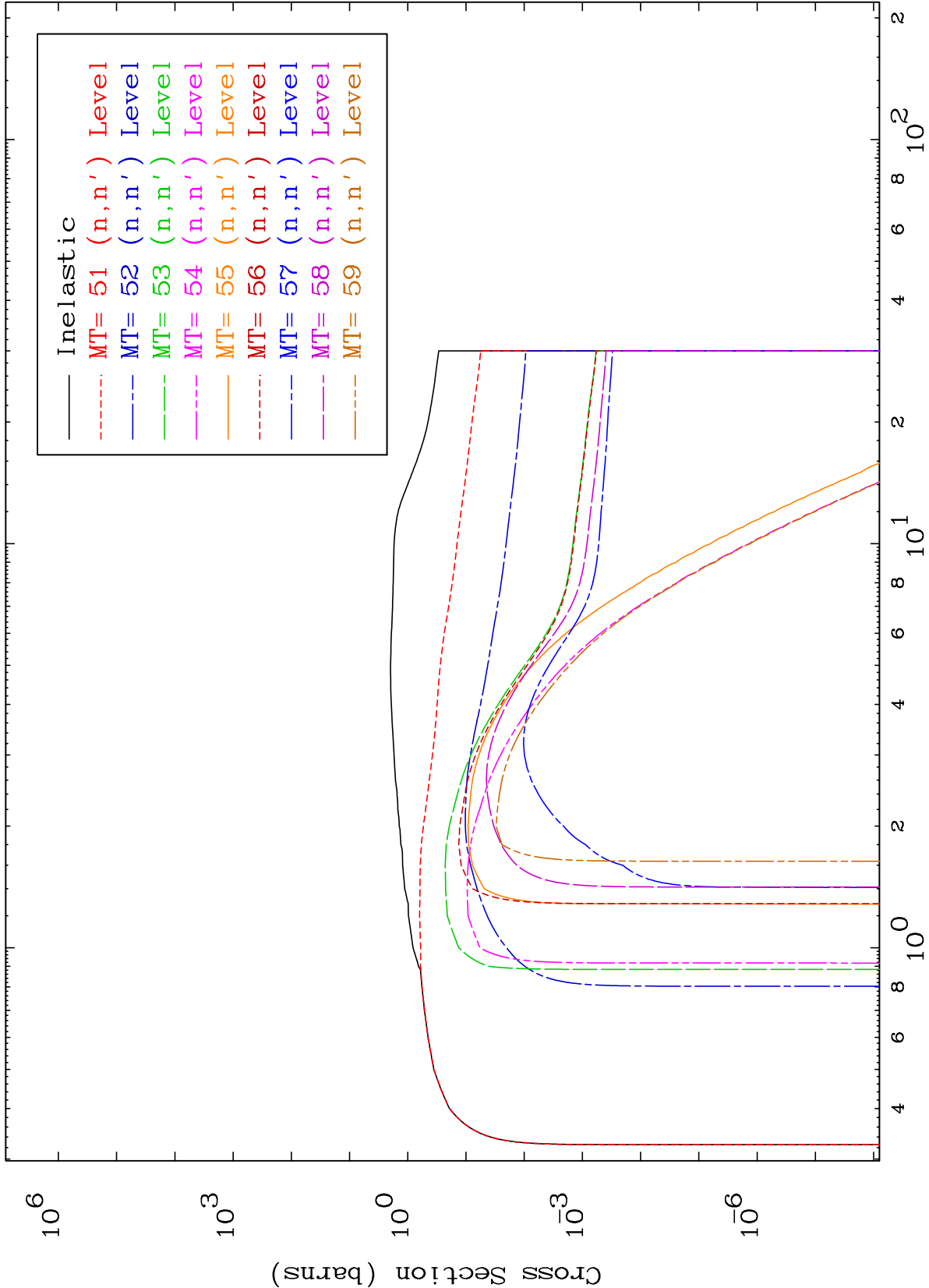
MAT 5413

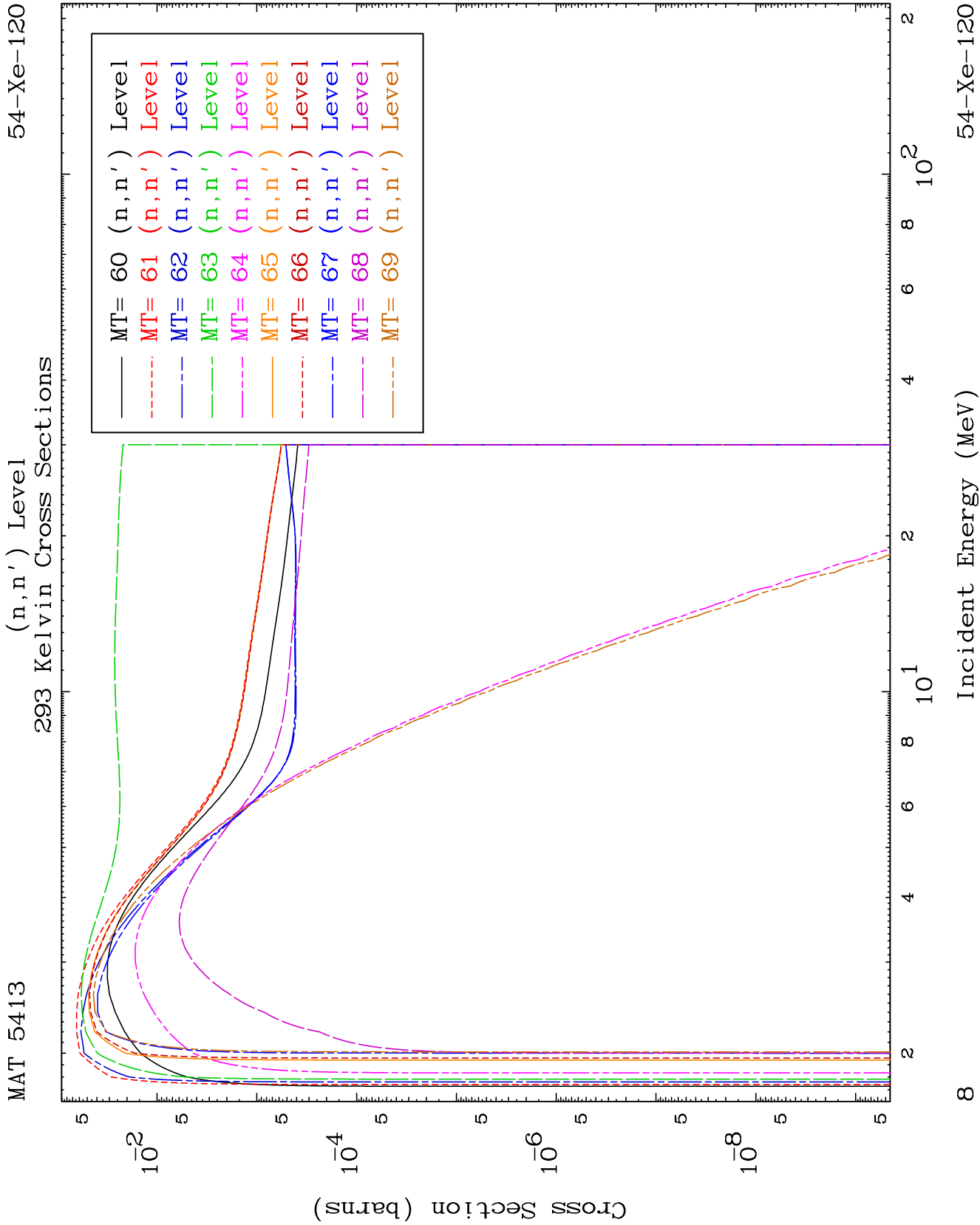
Particle Production
293 Kelvin Cross Sections

54-Xe-120



293 Kelvin Cross Sections



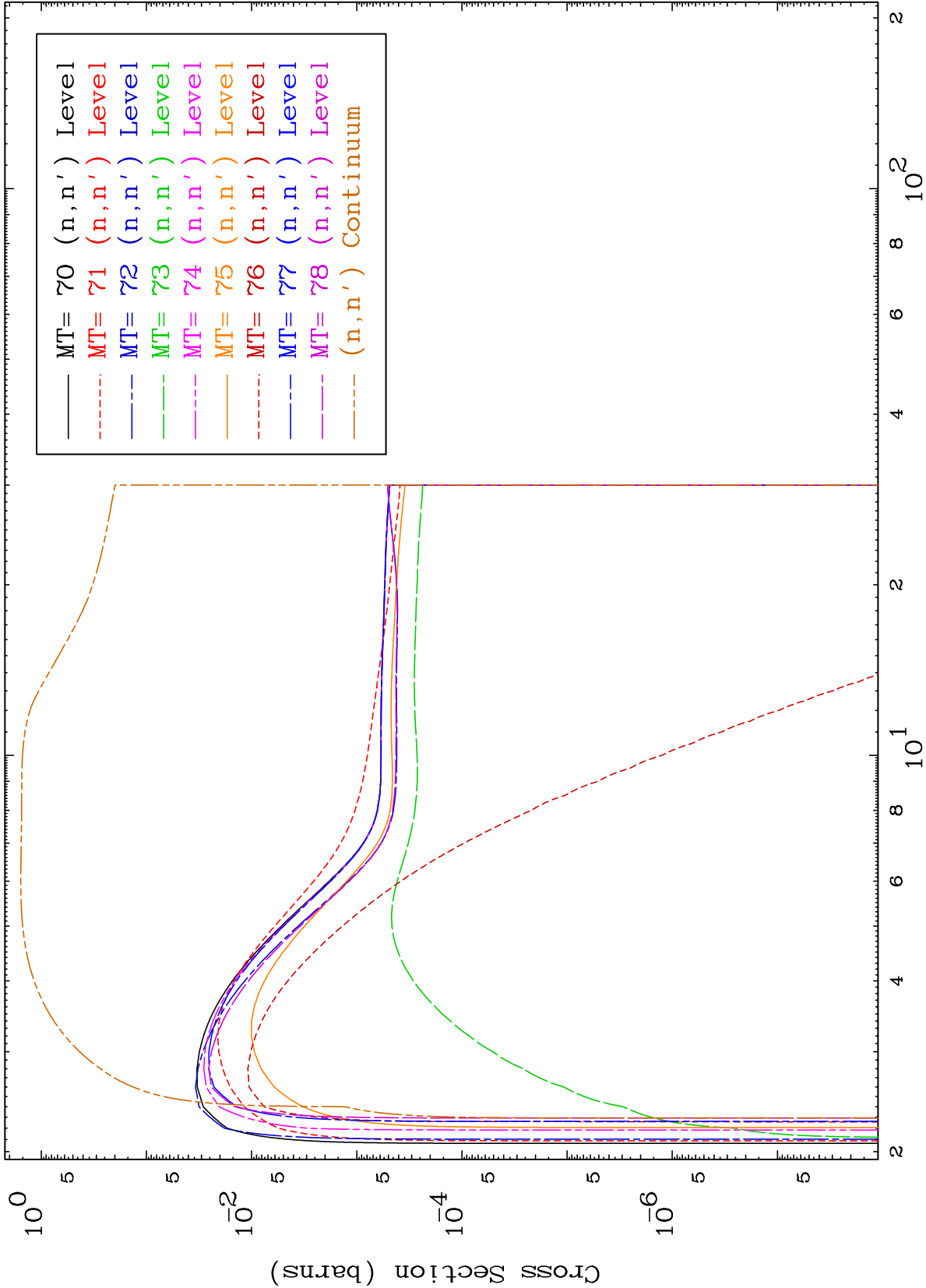


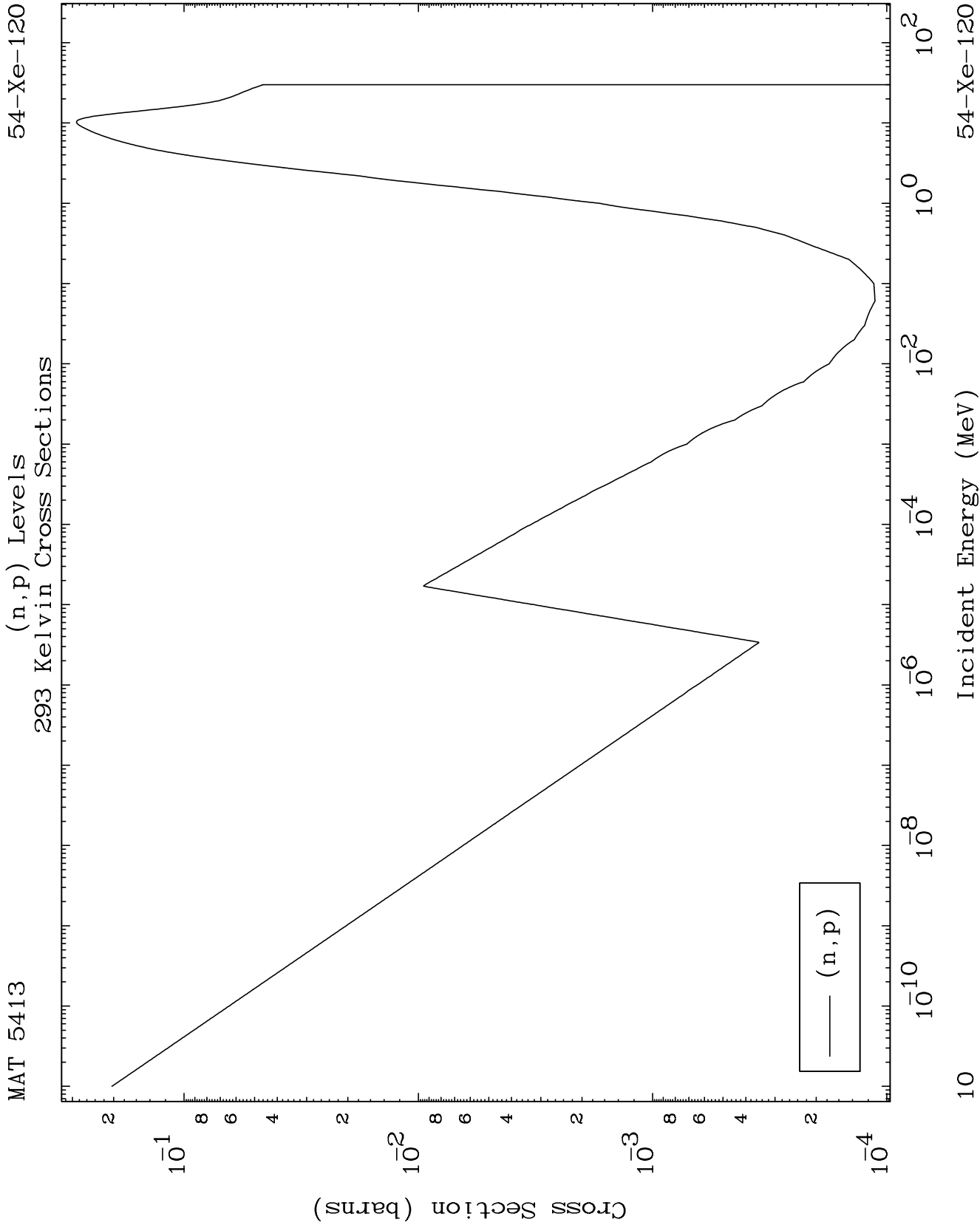
MAT 5413

(n,n') Level

293 Kelvin Cross Sections

54-Xe-120

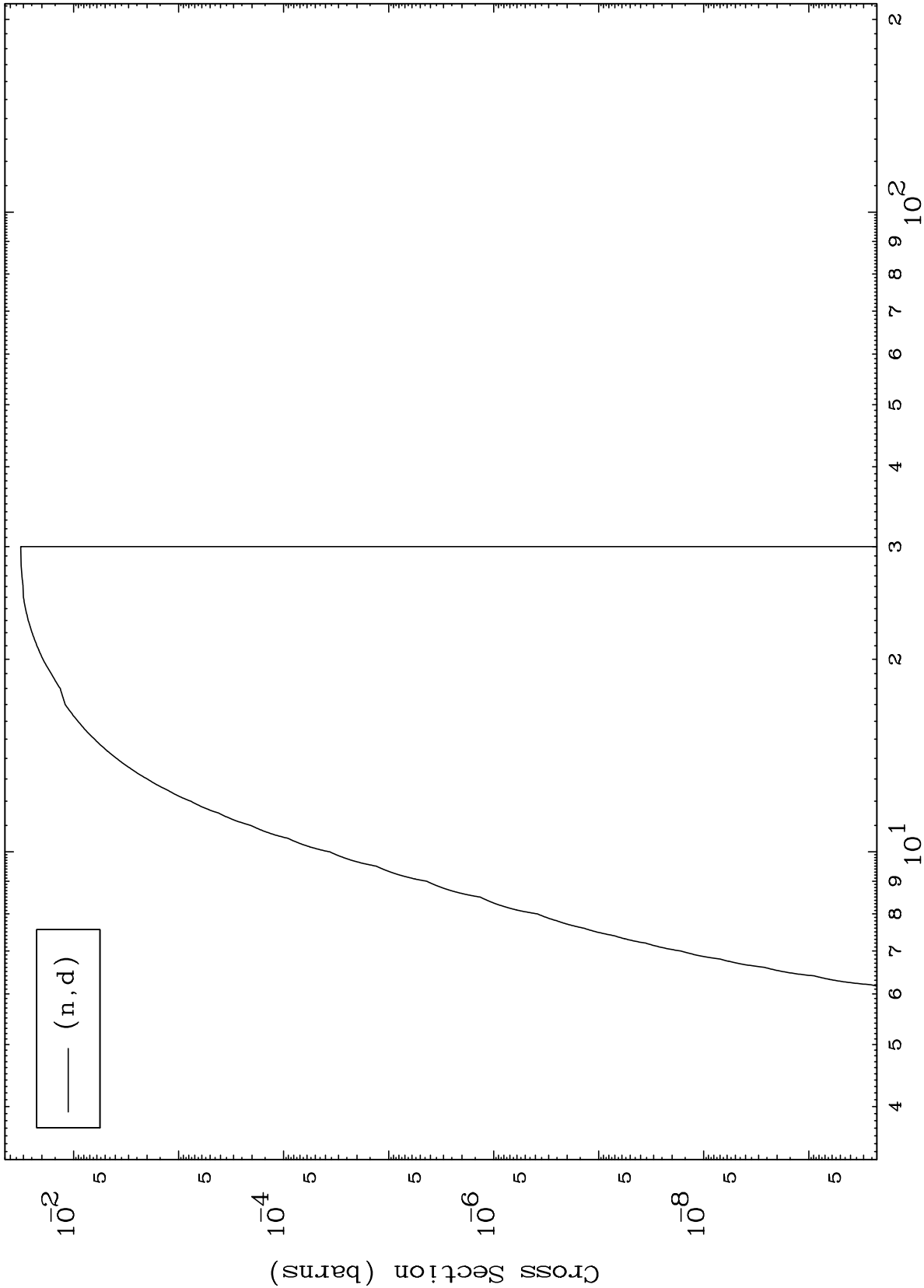




MAT 5413

(n,d) Levels
293 Kelvin Cross Sections

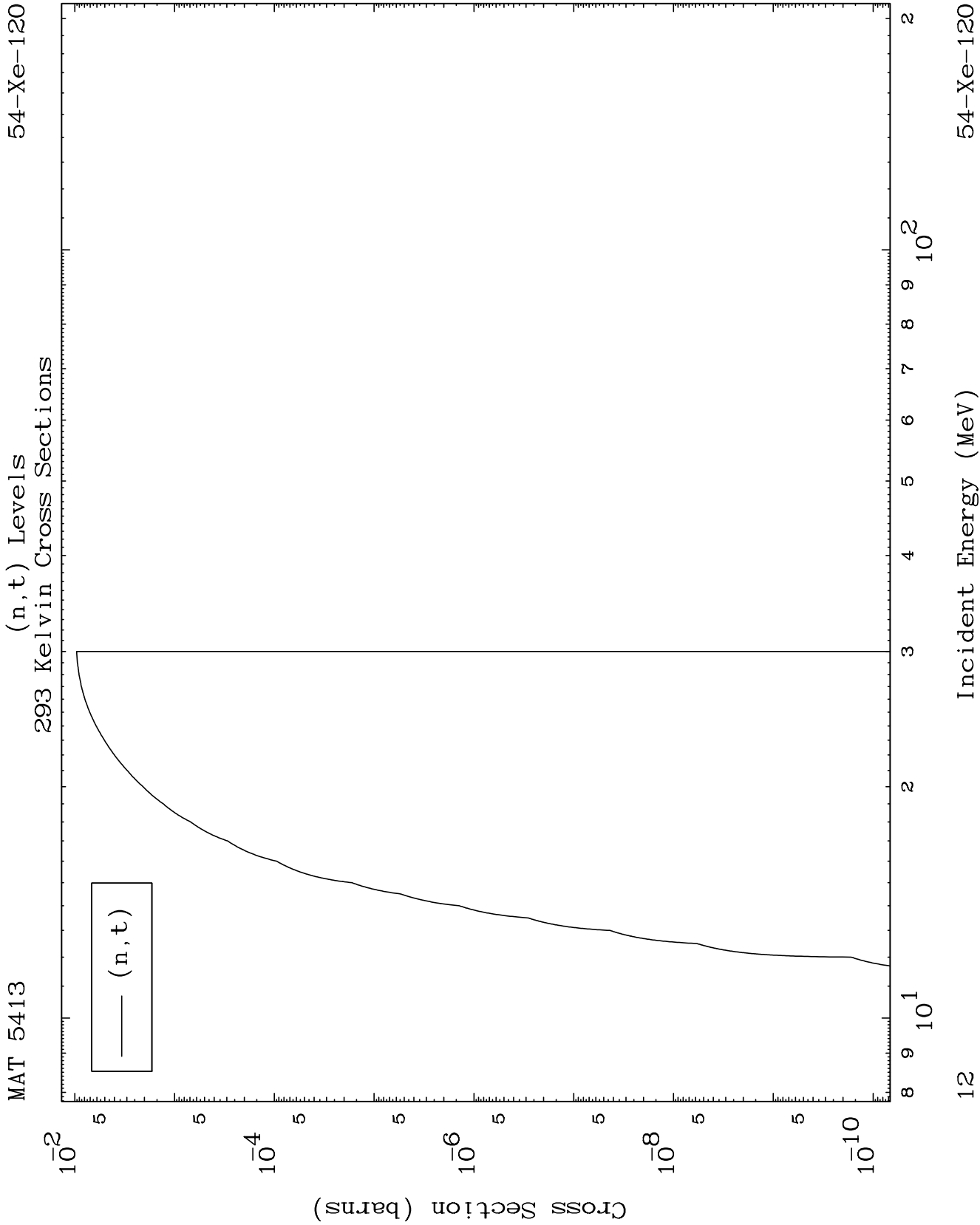
54-Xe-120



11

Incident Energy (MeV)

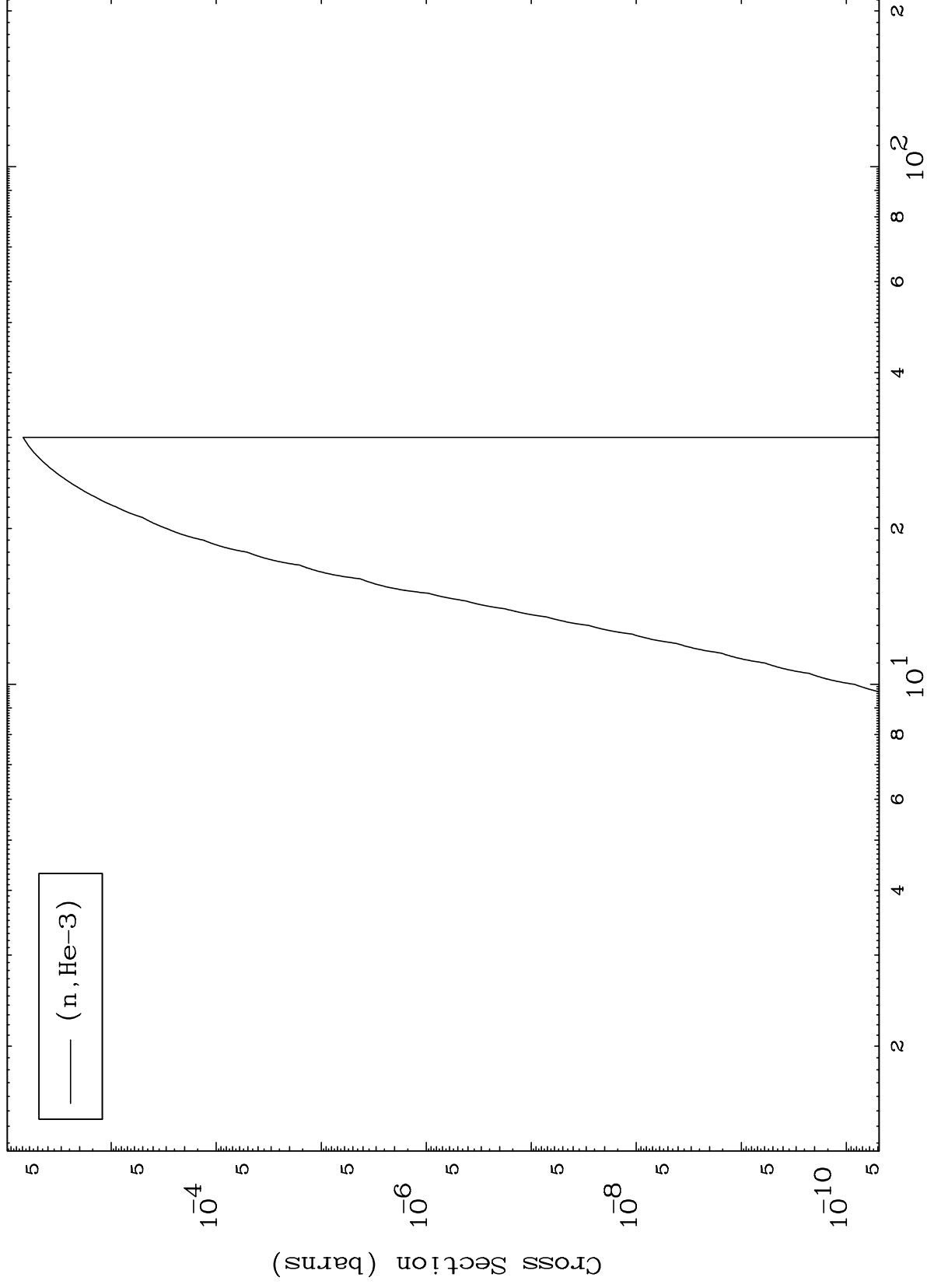
54-Xe-120



MAT 5413

(n,He3) Levels
293 Kelvin Cross Sections

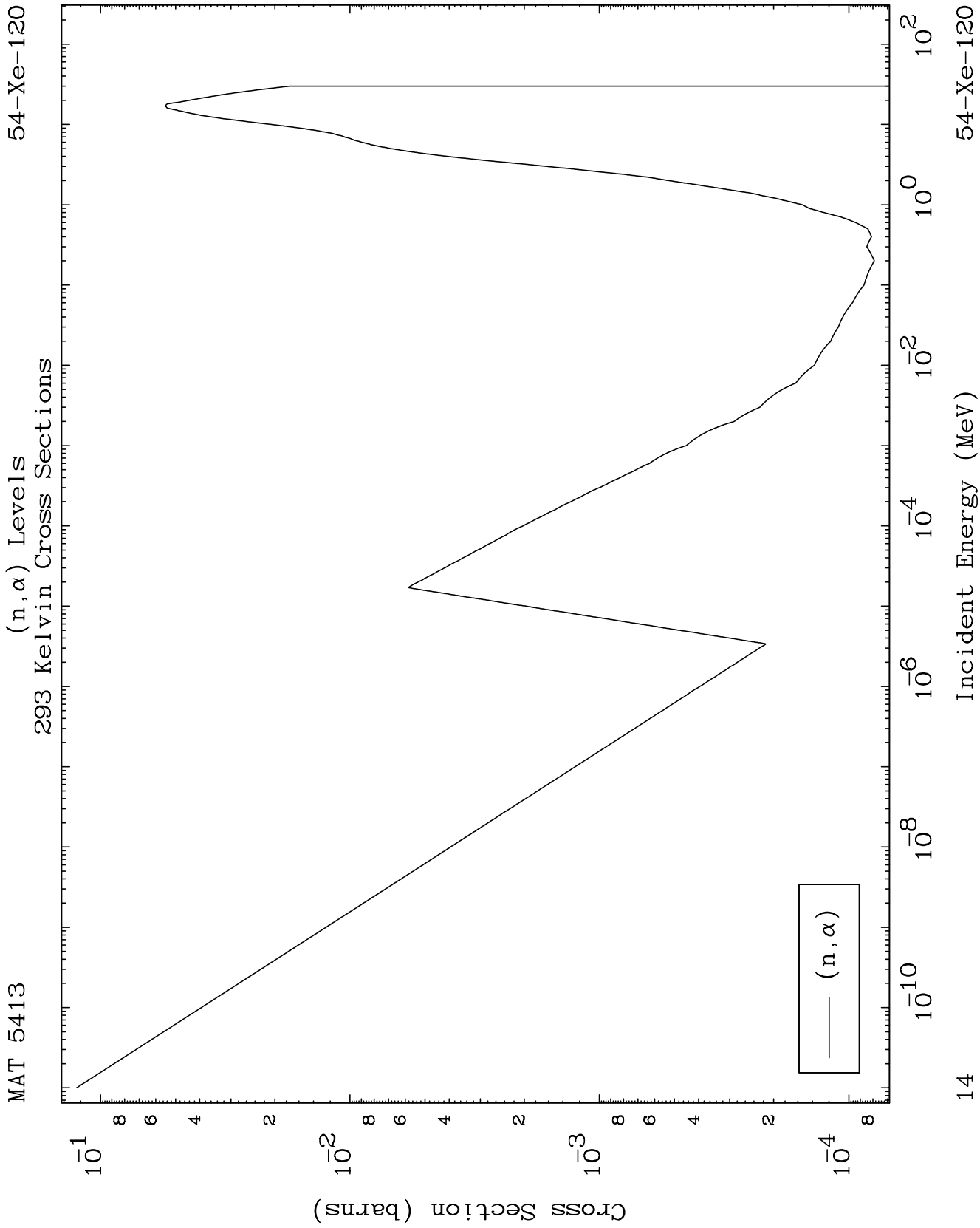
54-Xe-120



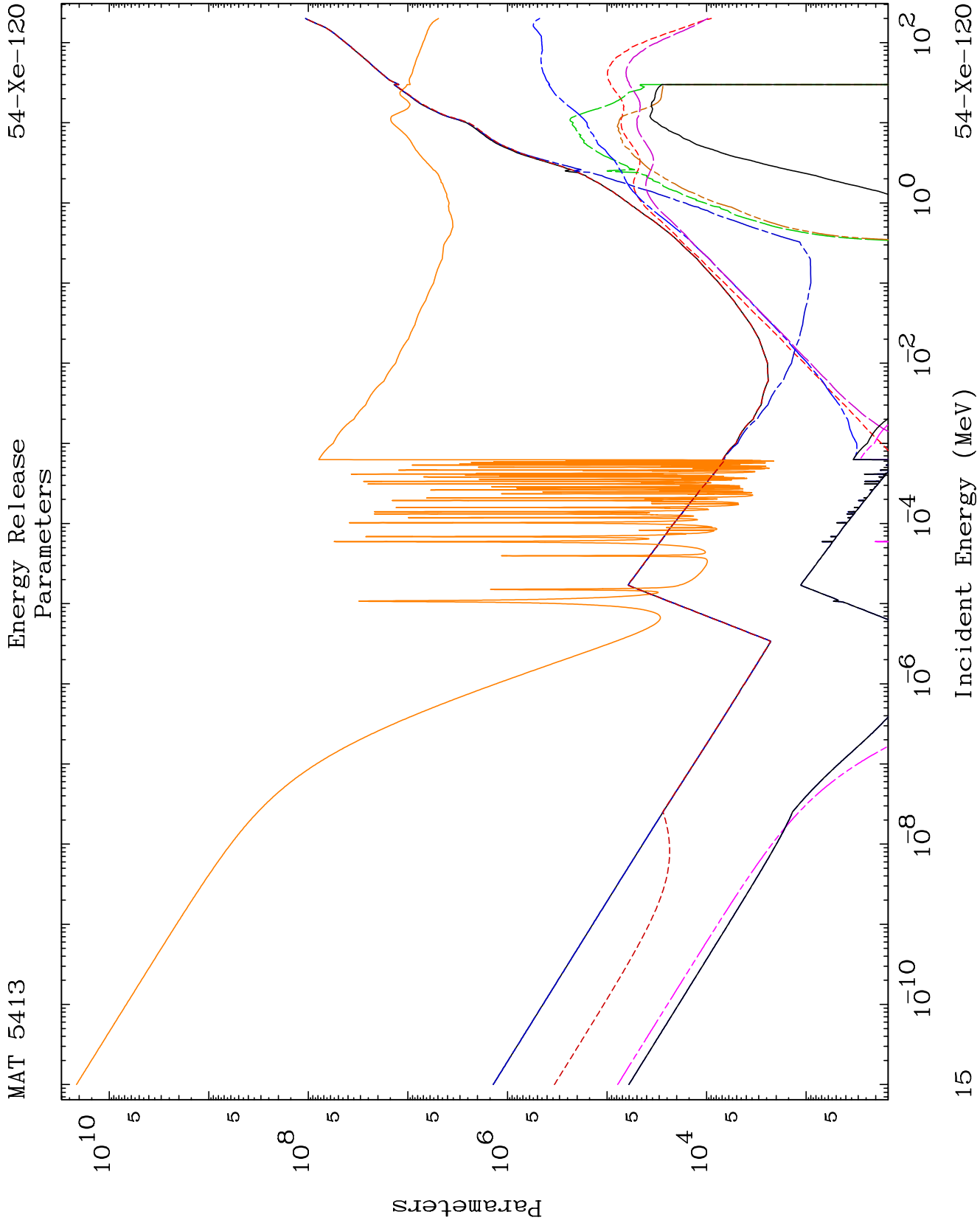
13

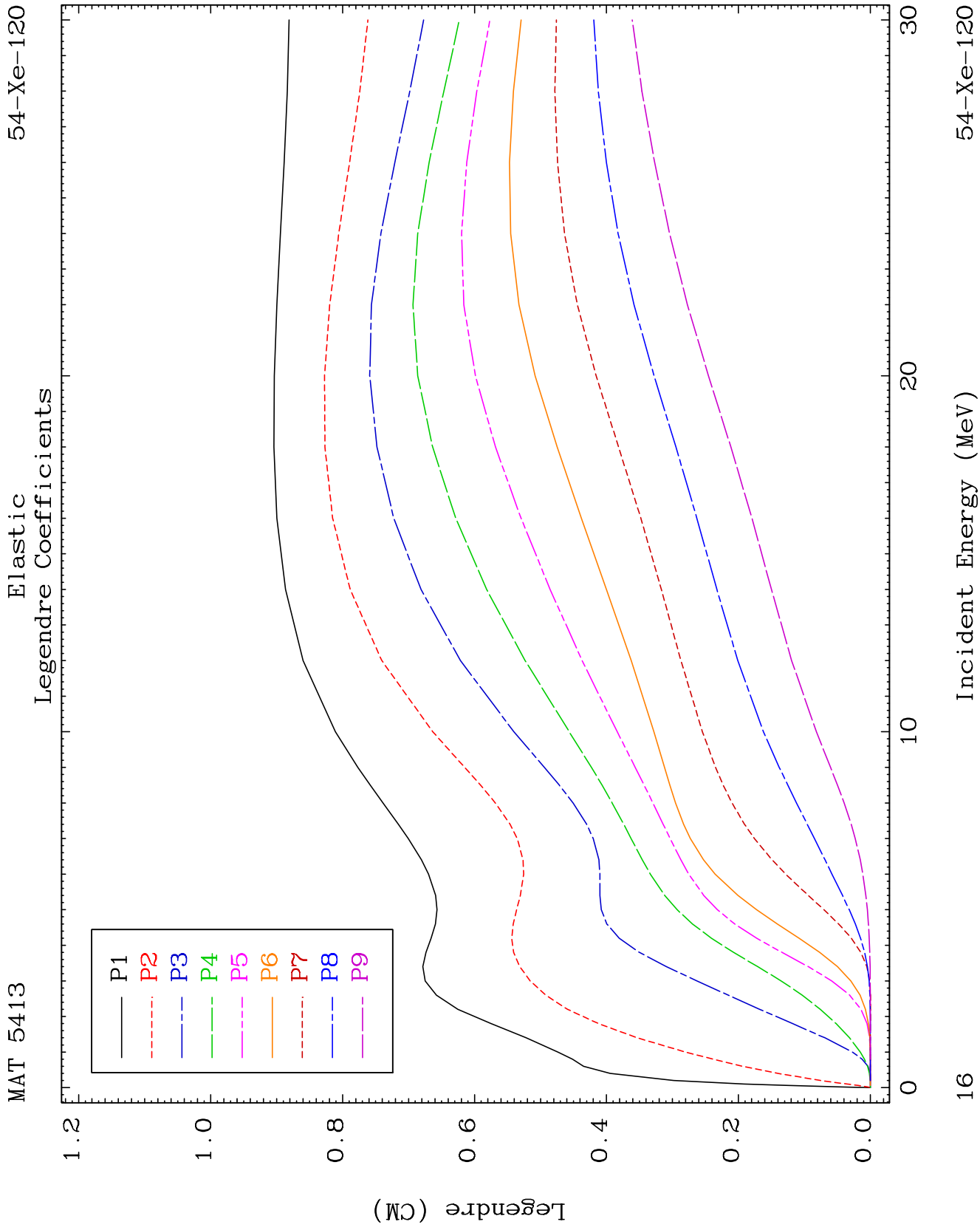
Incident Energy (MeV)

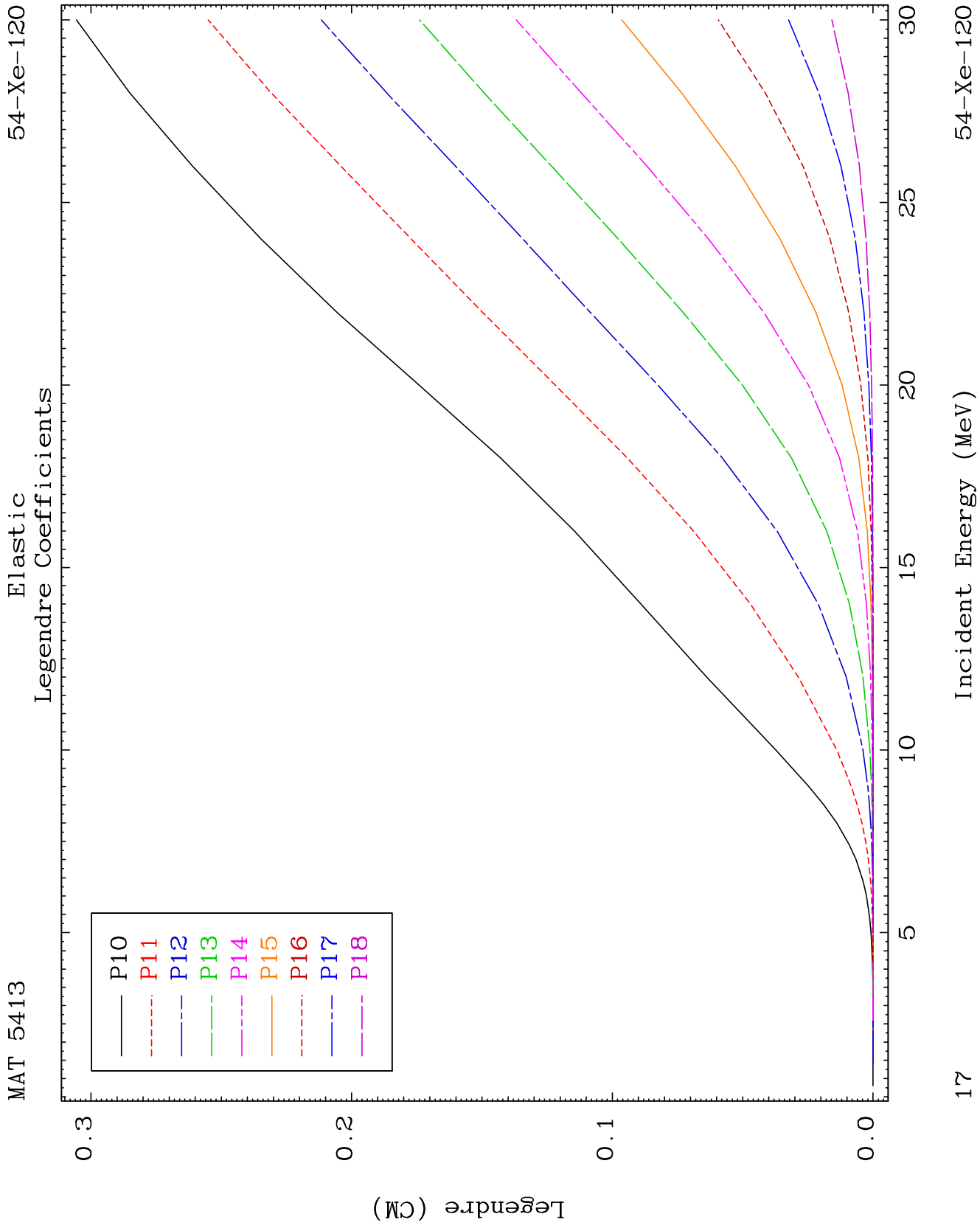
54-Xe-120

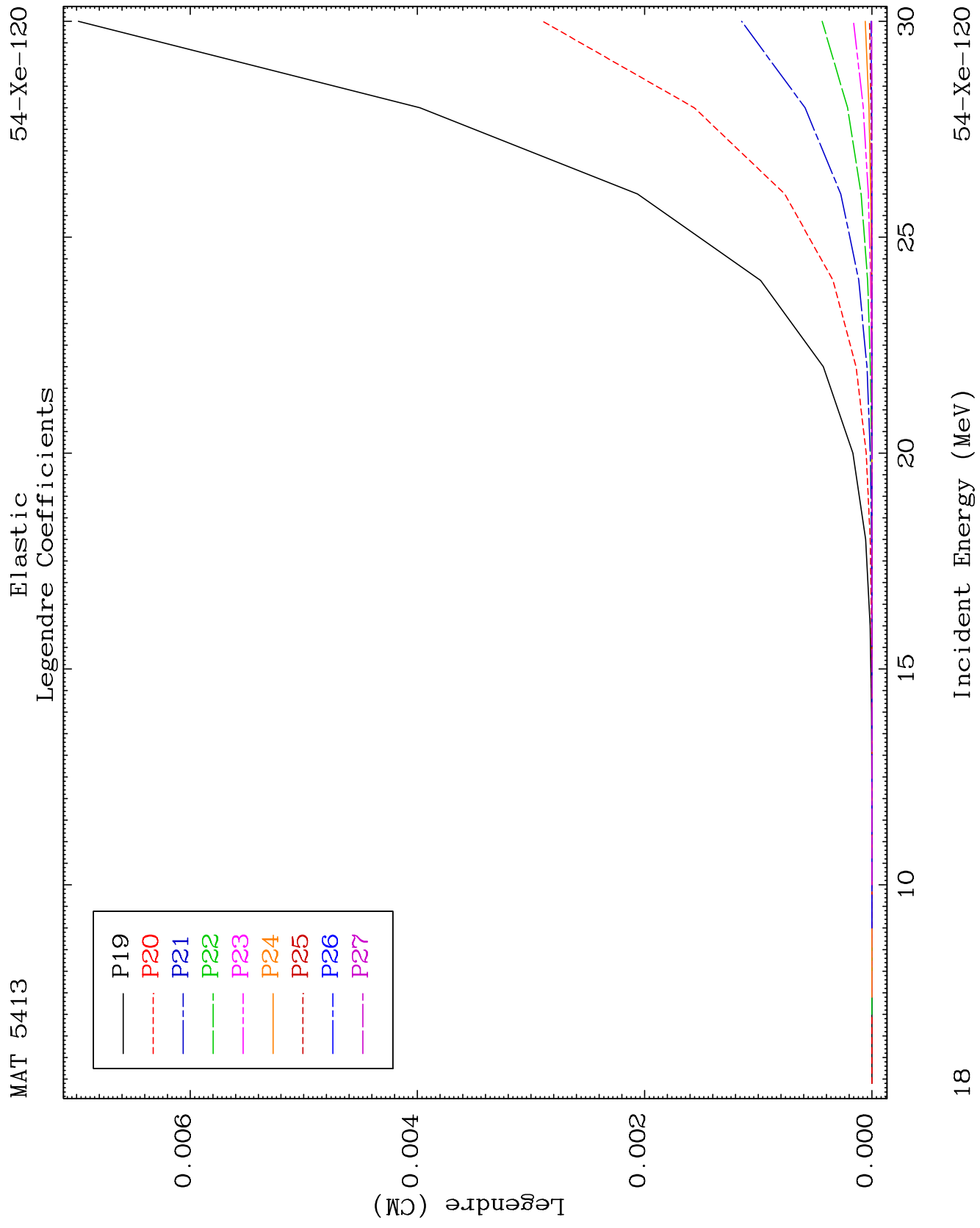


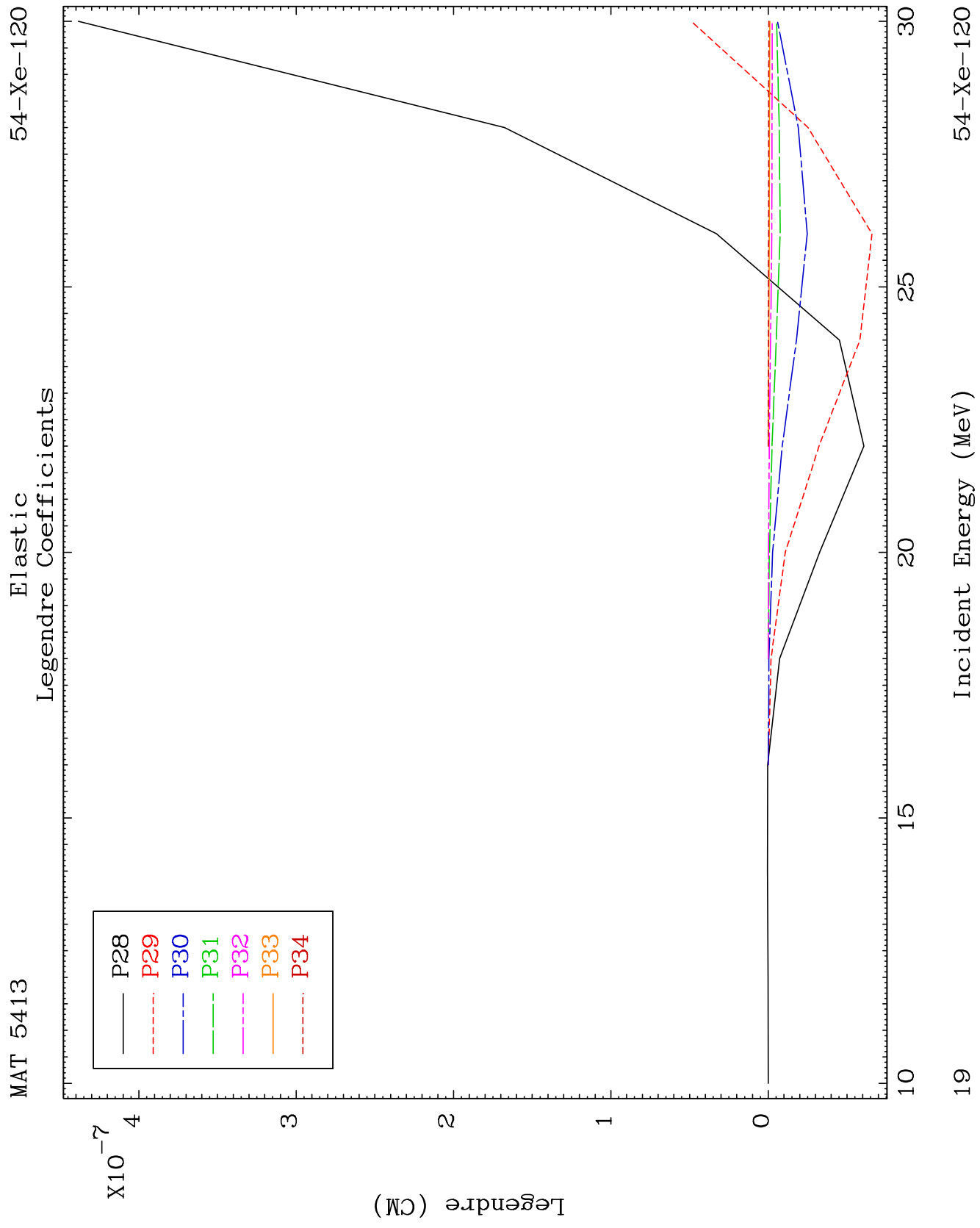
—— Dpa disappearance (mt102 -120)

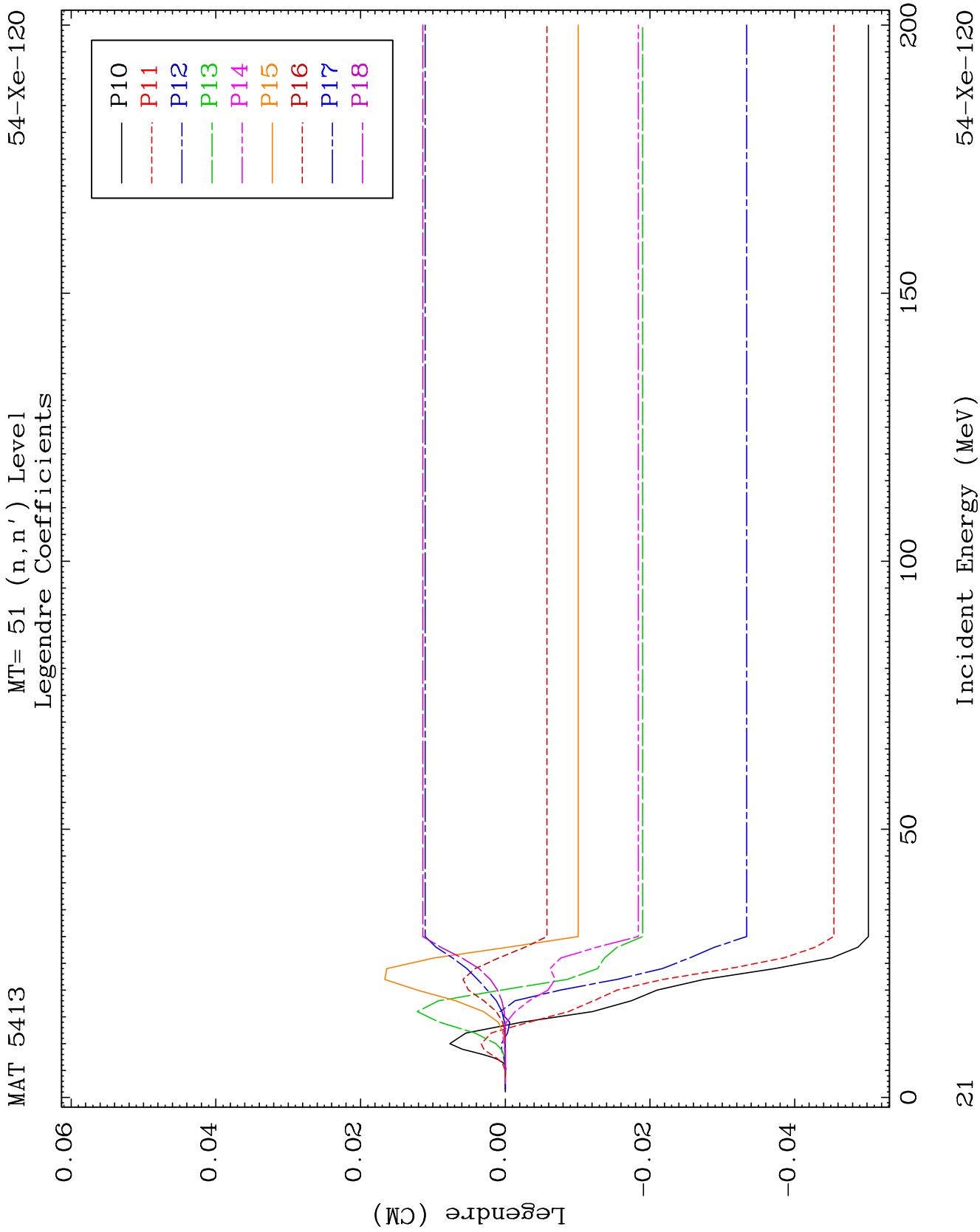






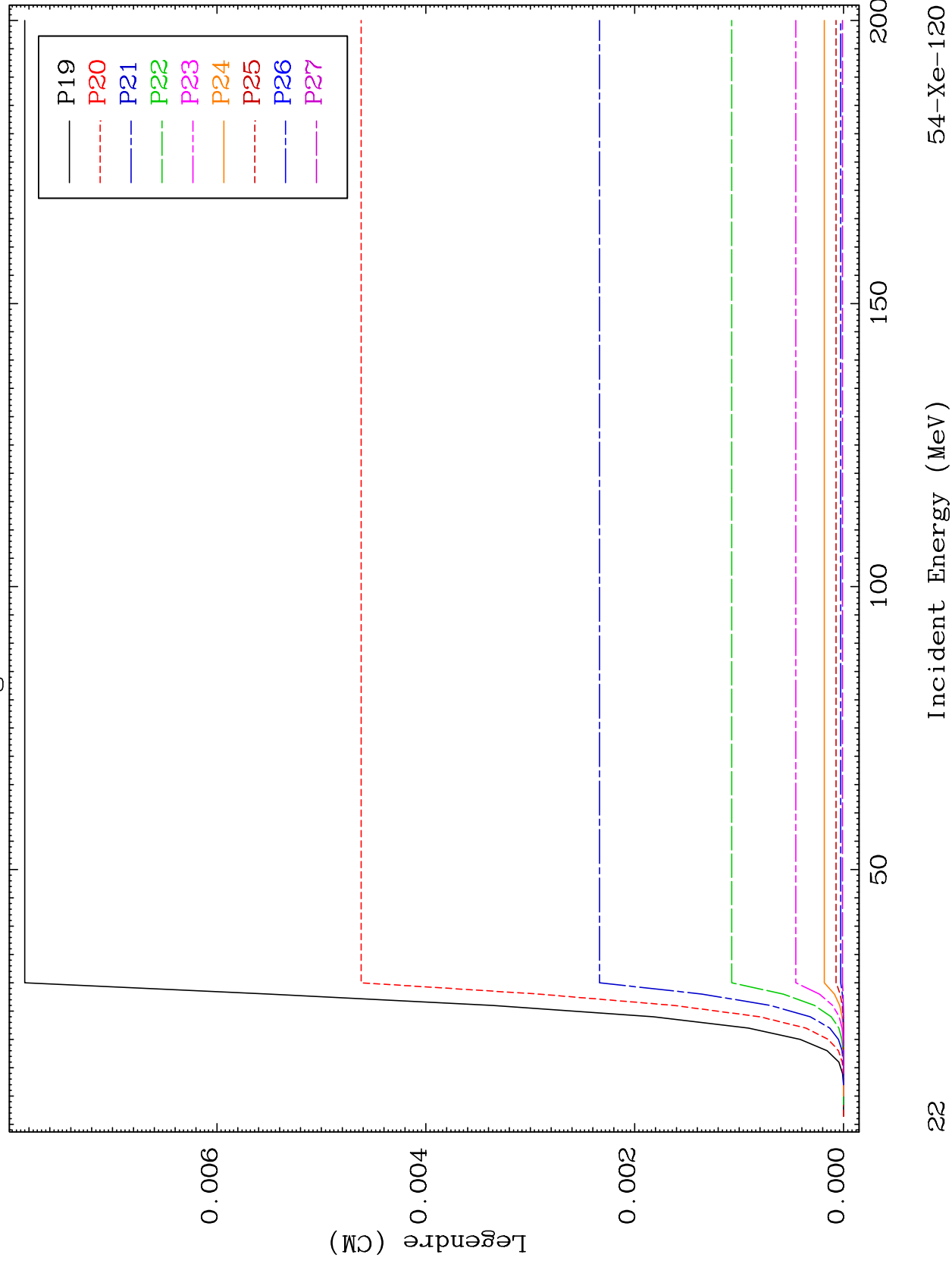


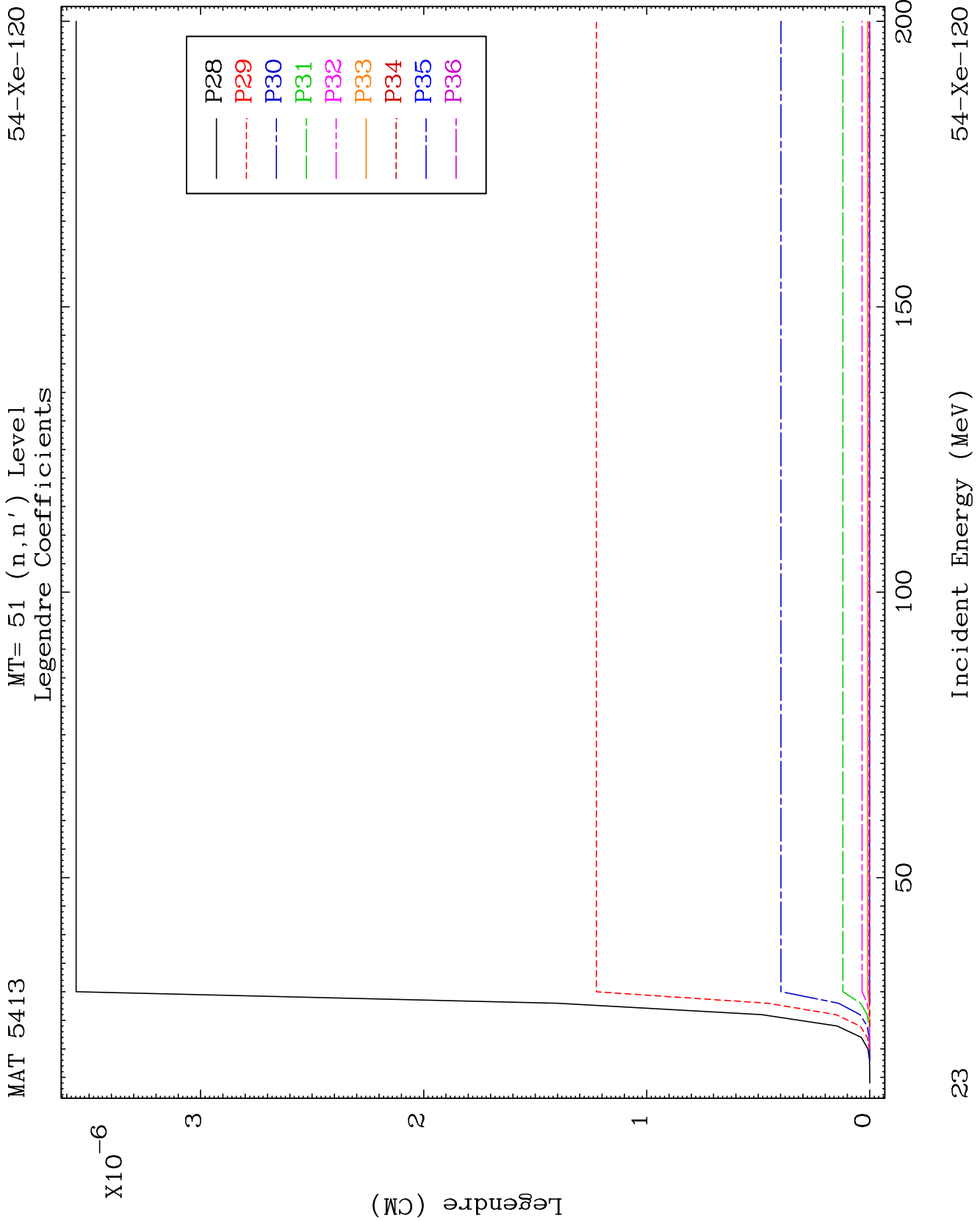




MAT 5413

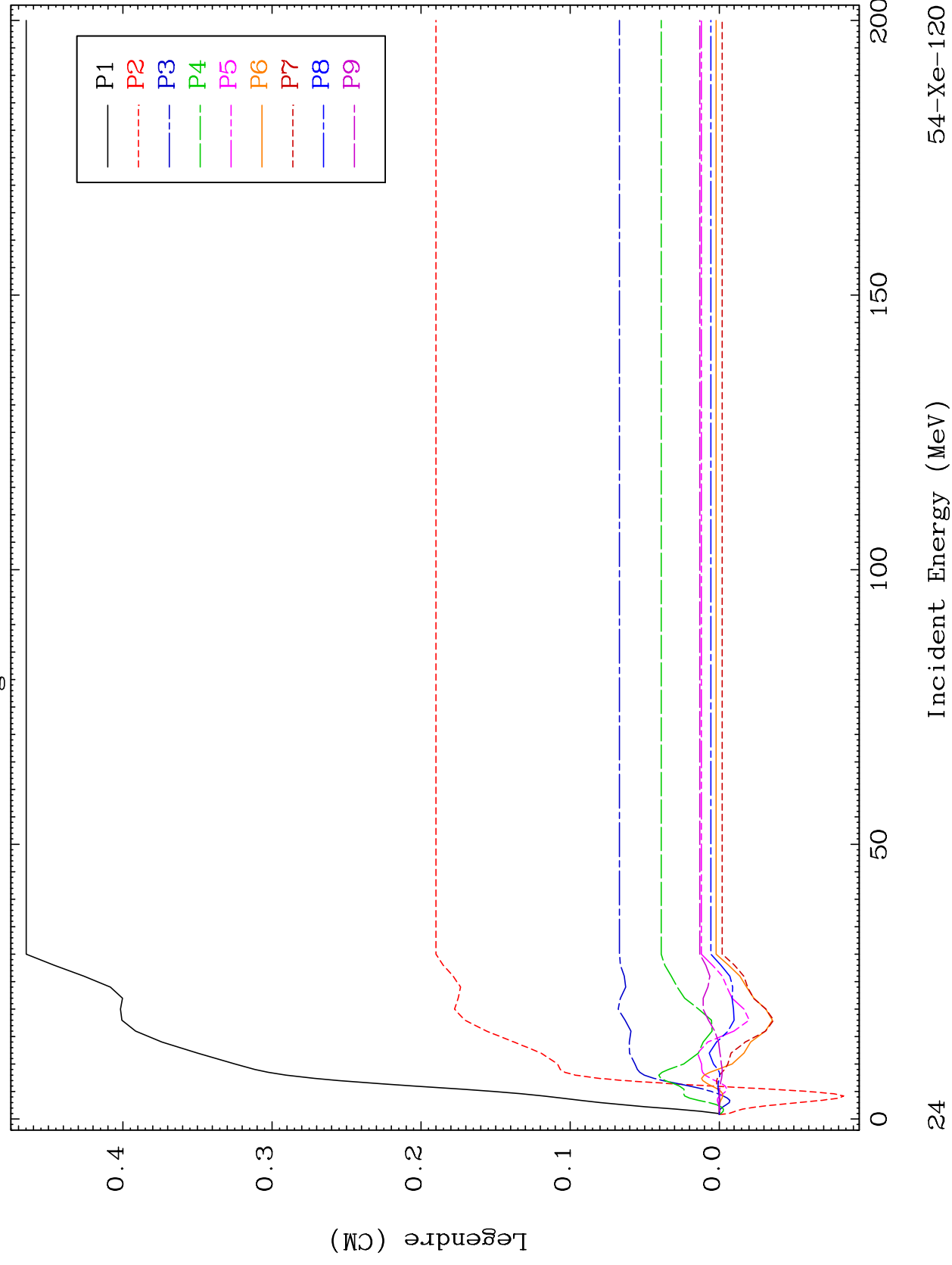
MT= 51 (n, n') Level
Legendre Coefficients

 $^{54}\text{-Xe-120}$ 



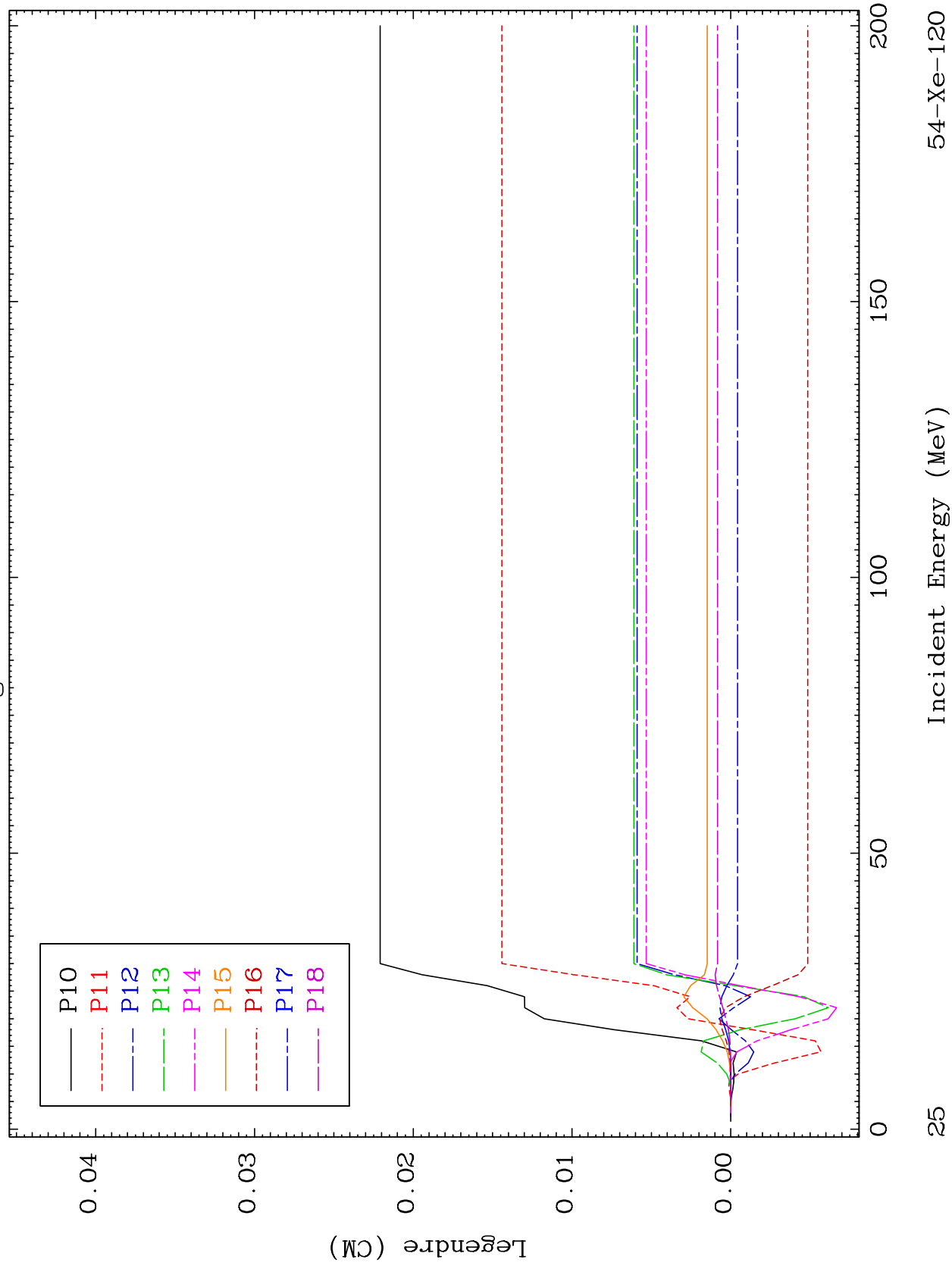
MAT 5413

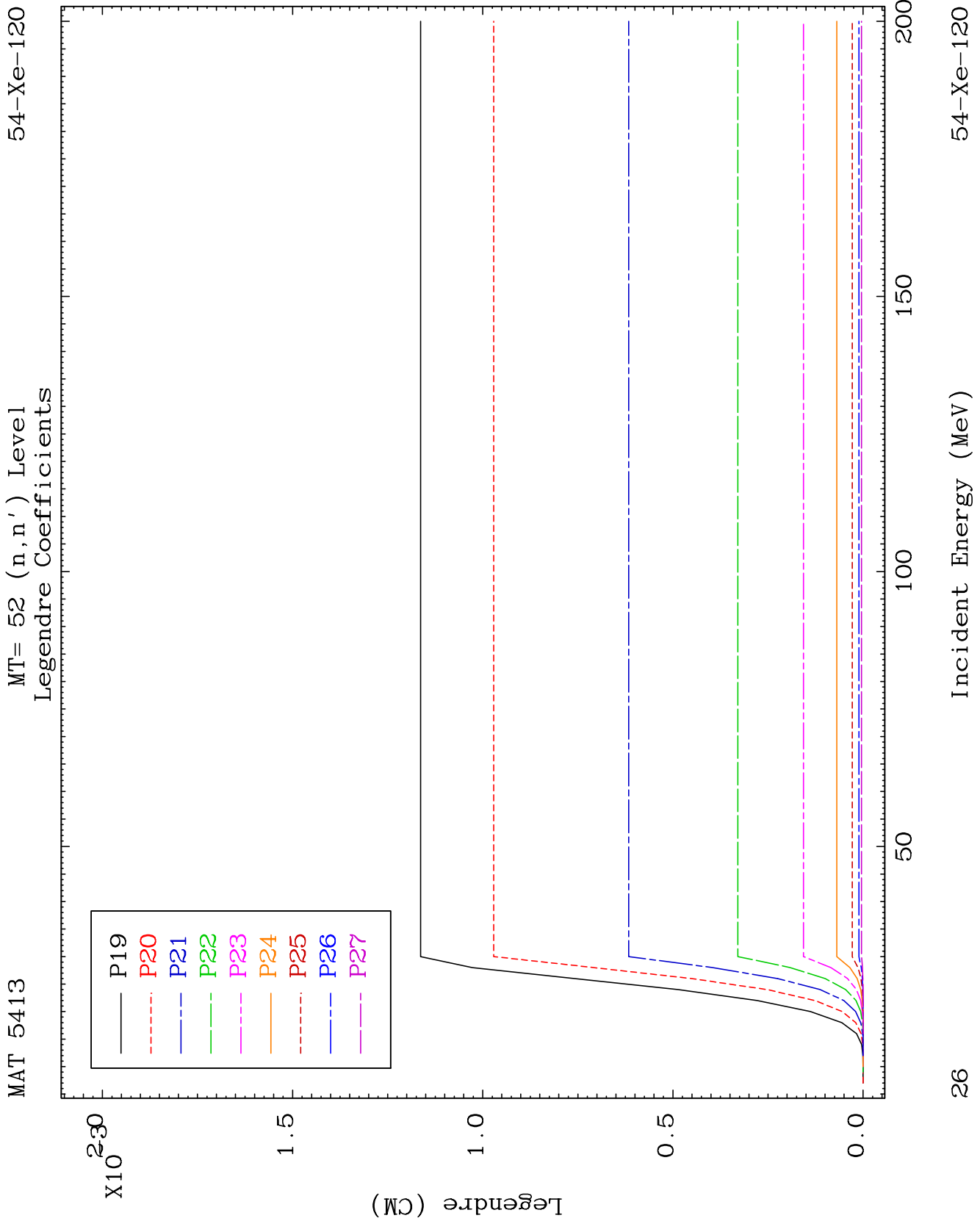
MT= 52 (n, n') Level
Legendre Coefficients

 $^{54}\text{-Xe-120}$ 

MAT 5413

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

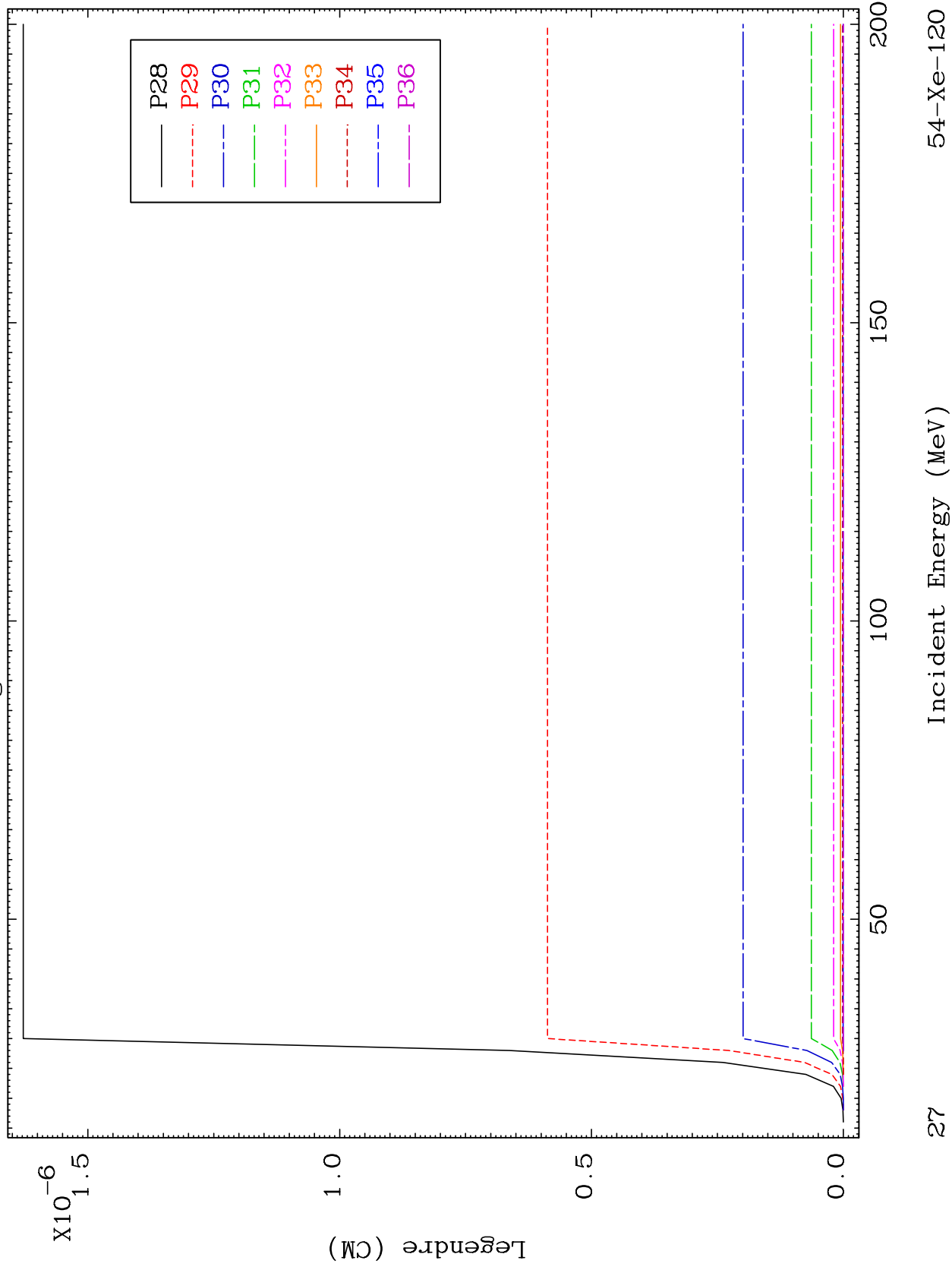
 $^{54}\text{-Xe-120}$ 

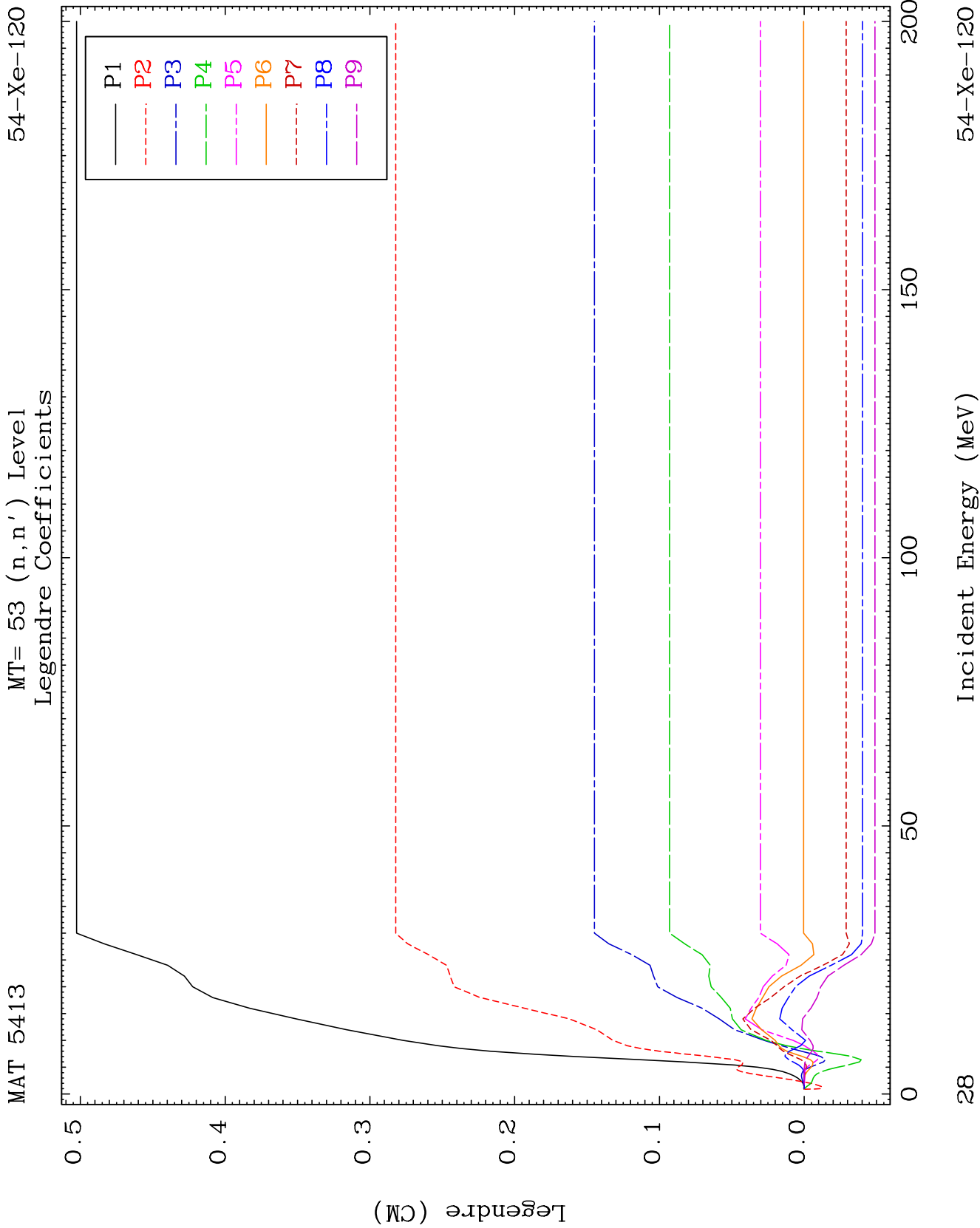


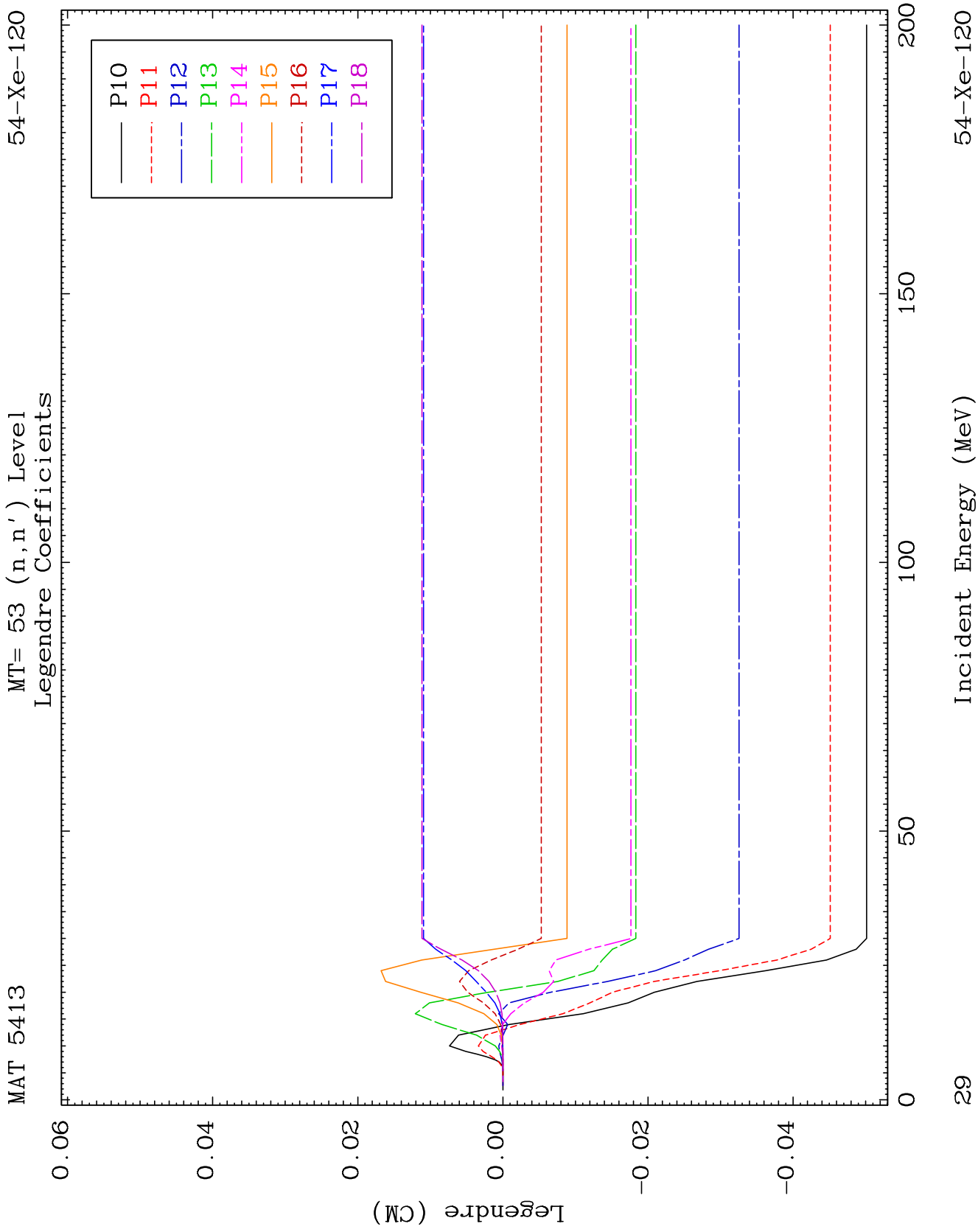
MAT 5413

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

54-Xe-120



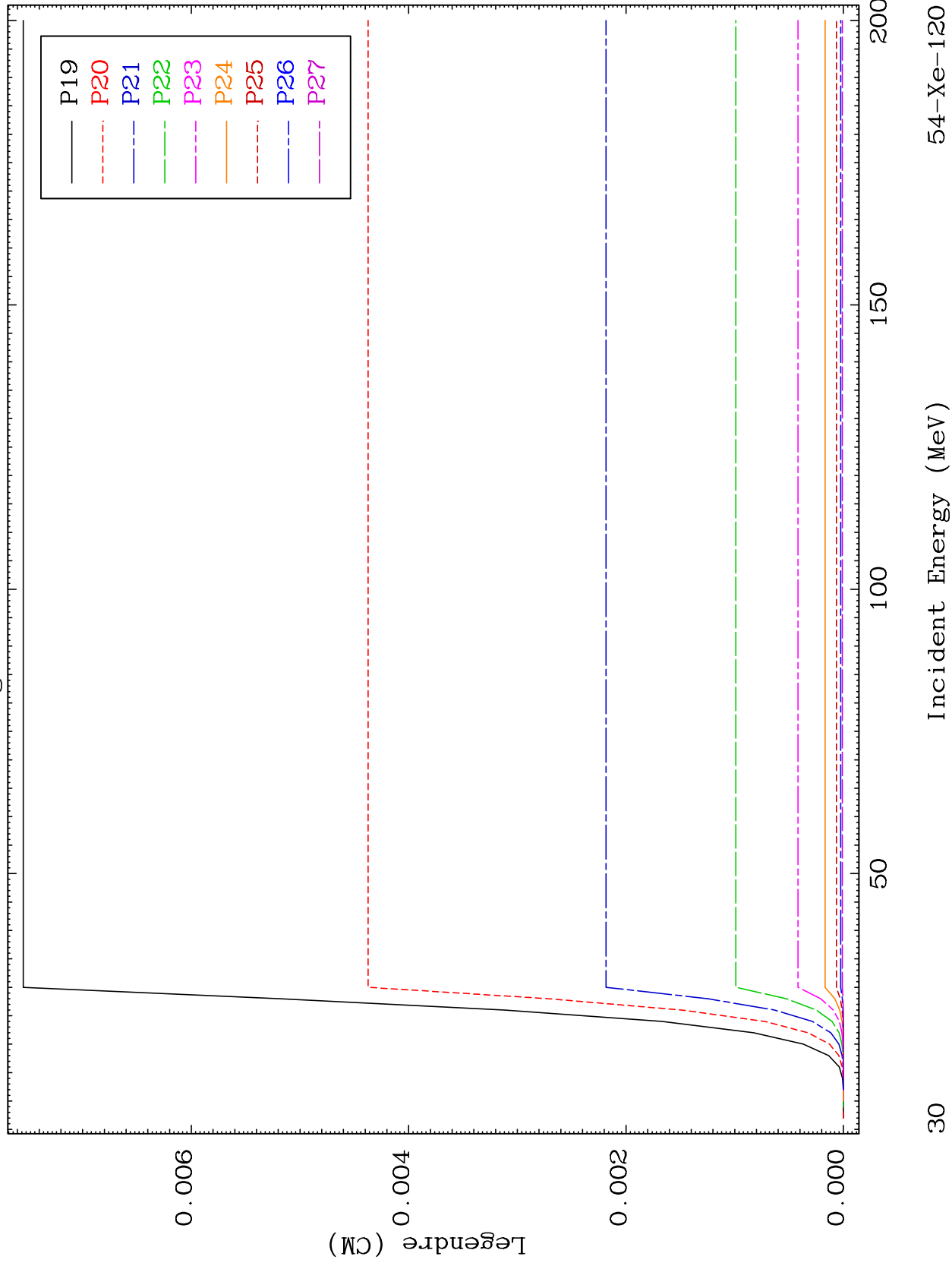


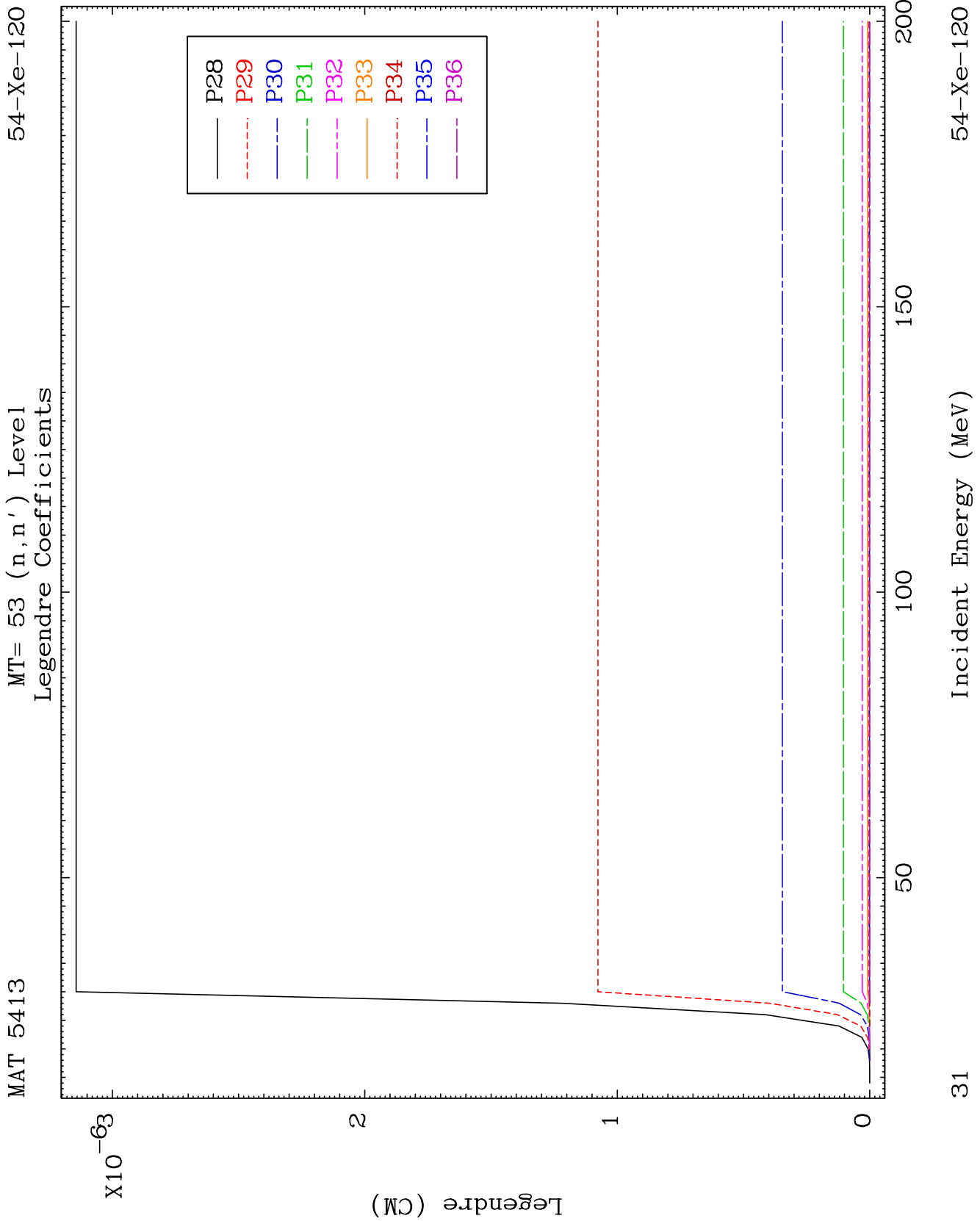


MAT 5413

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

54-Xe-120

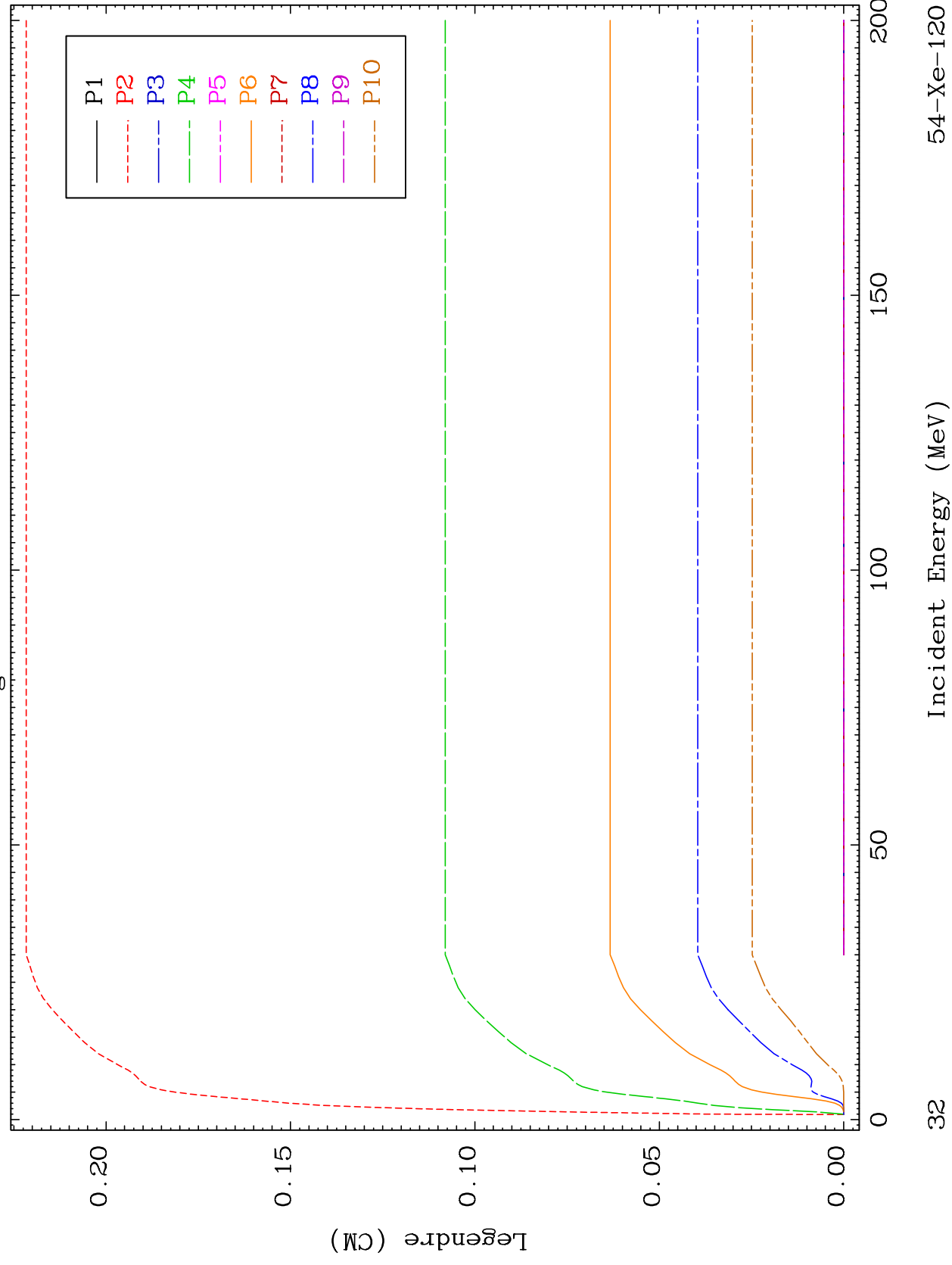


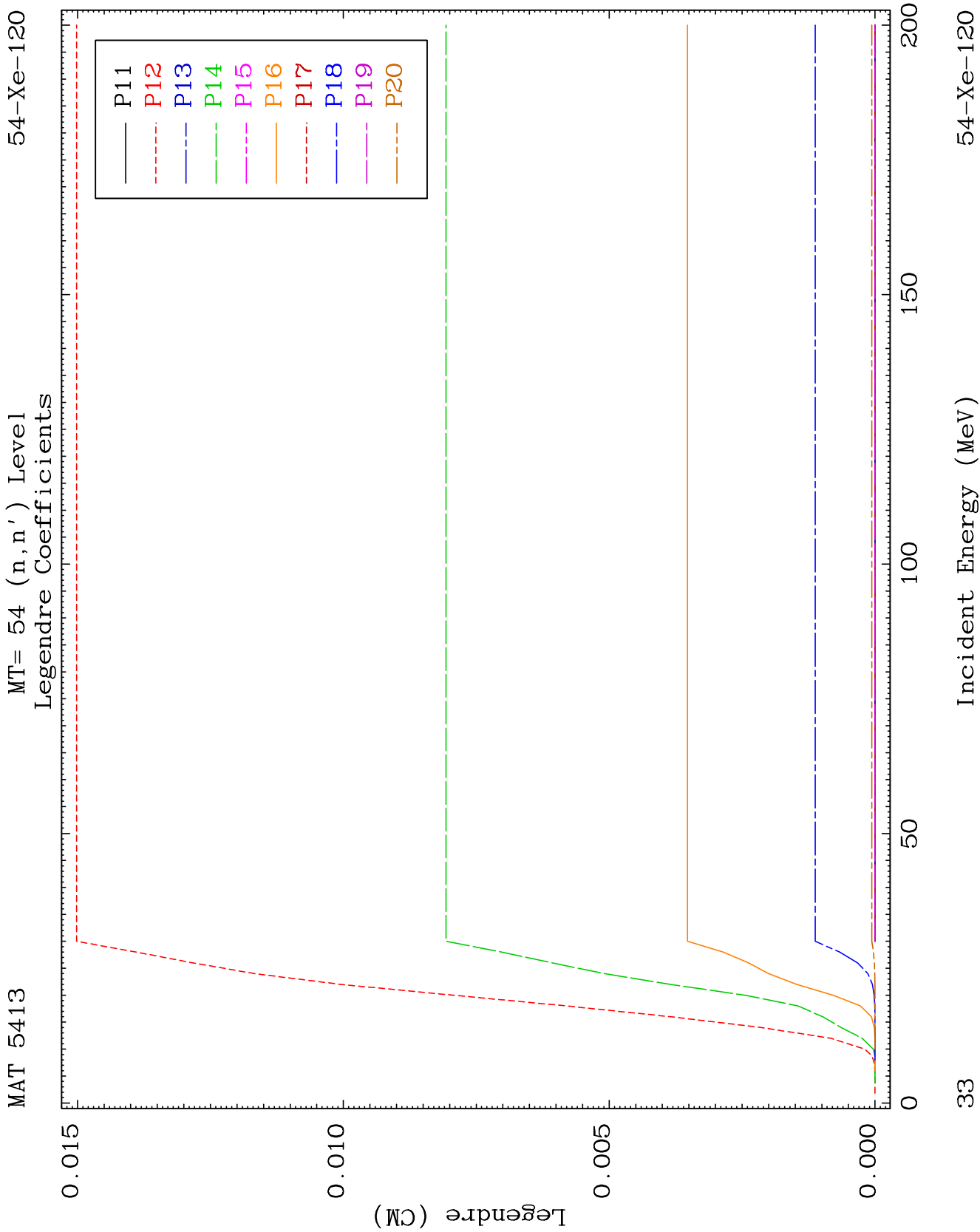


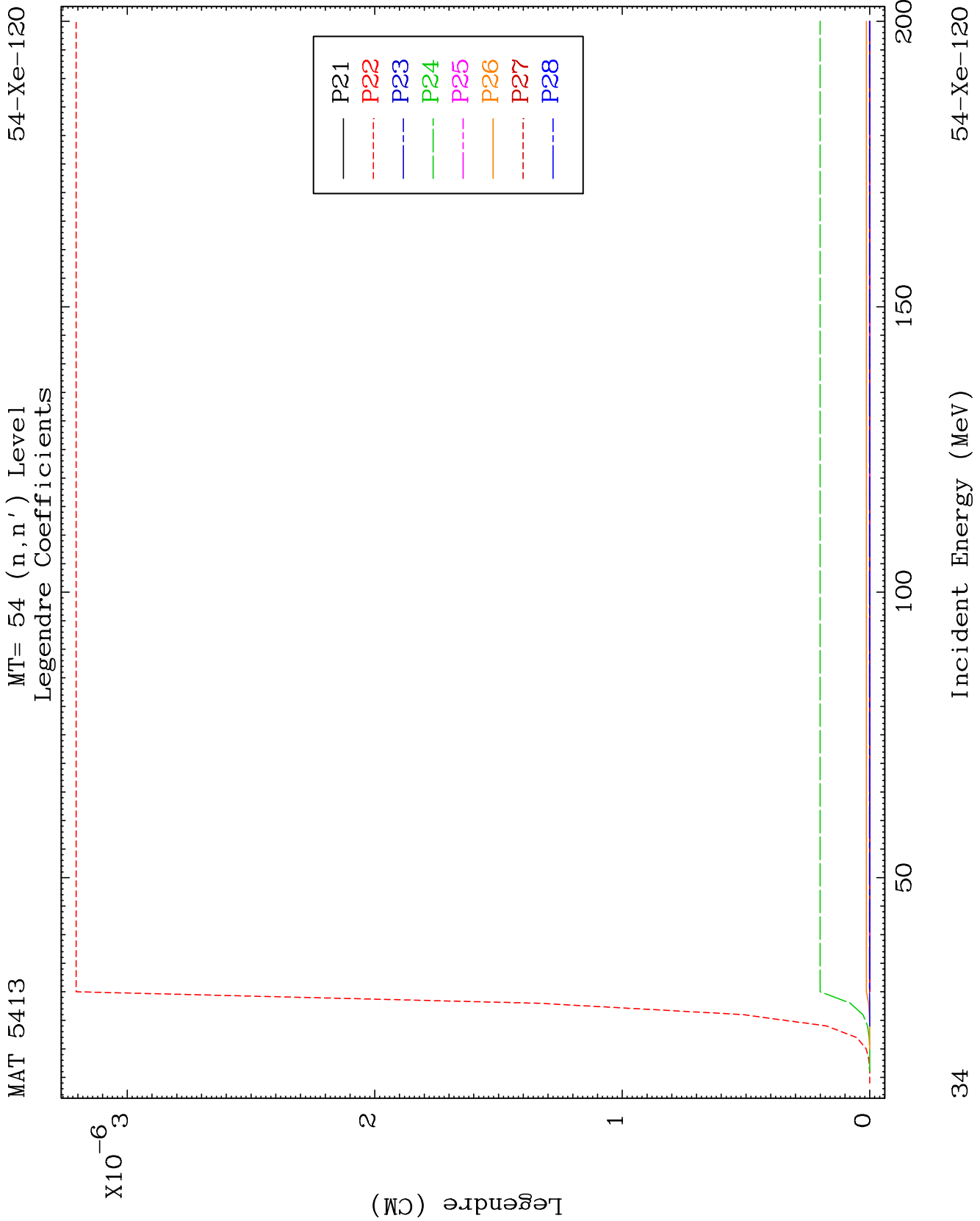
MAT 5413

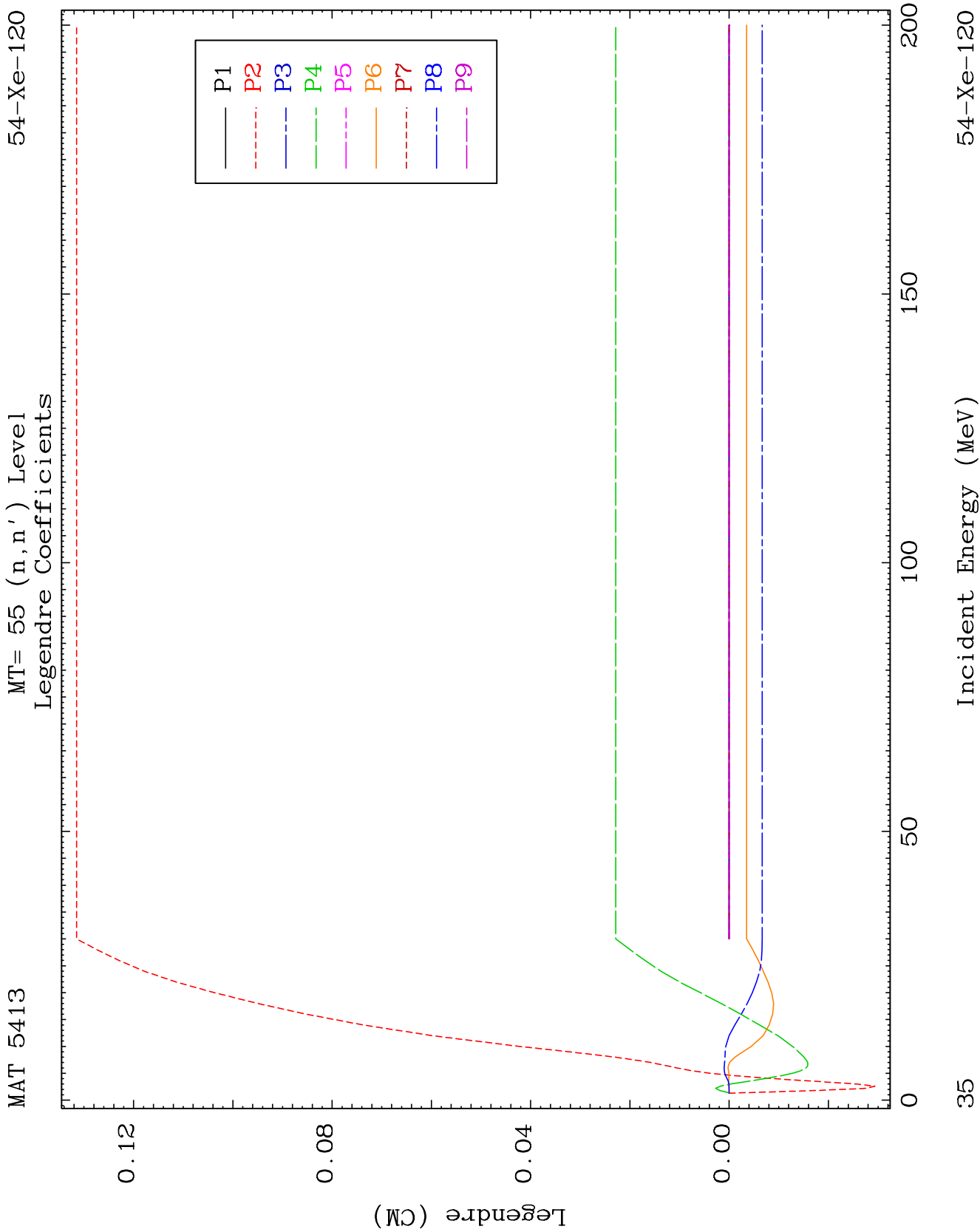
MT= 54 (n, n') Level
Legendre Coefficients

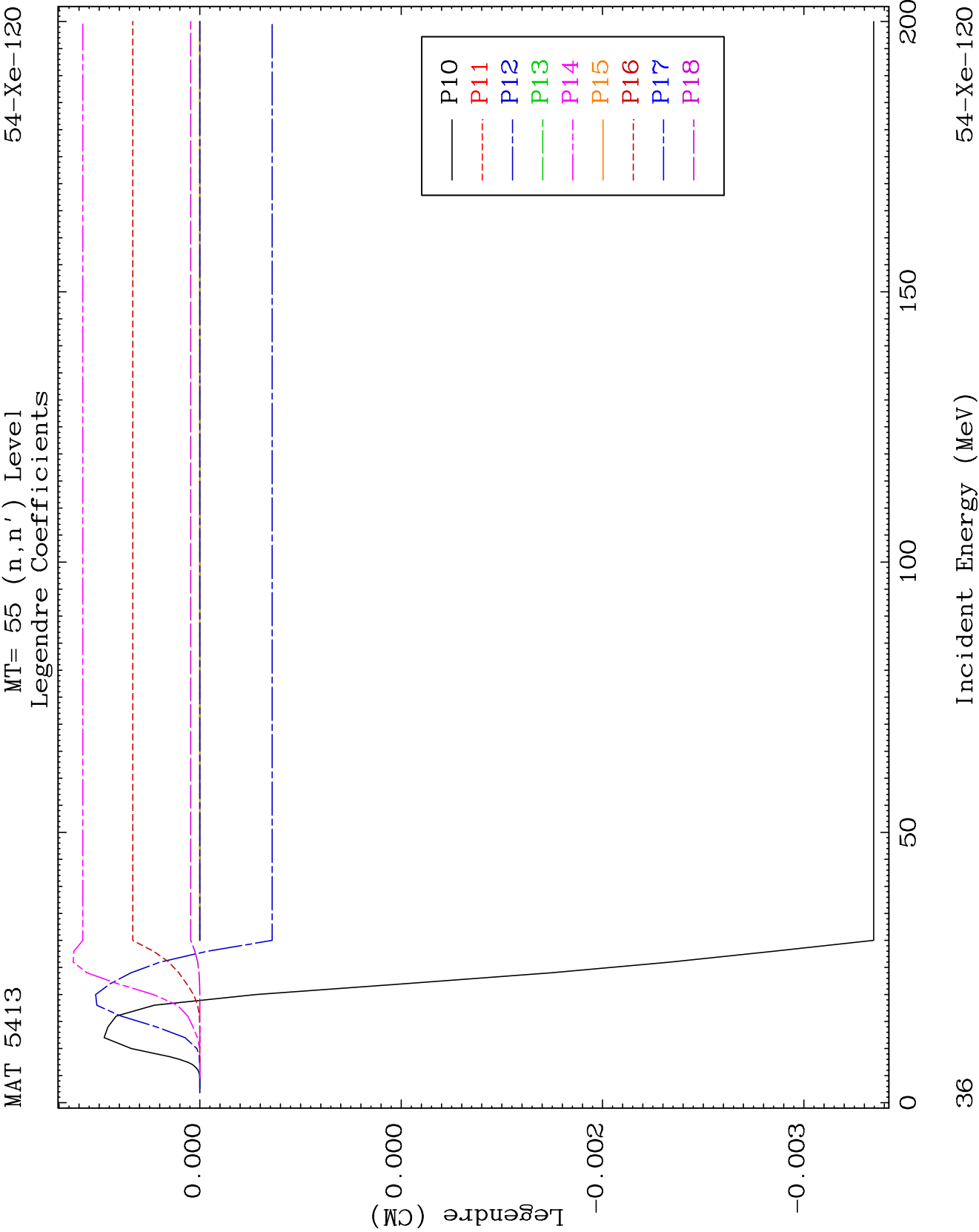
54-Xe-120

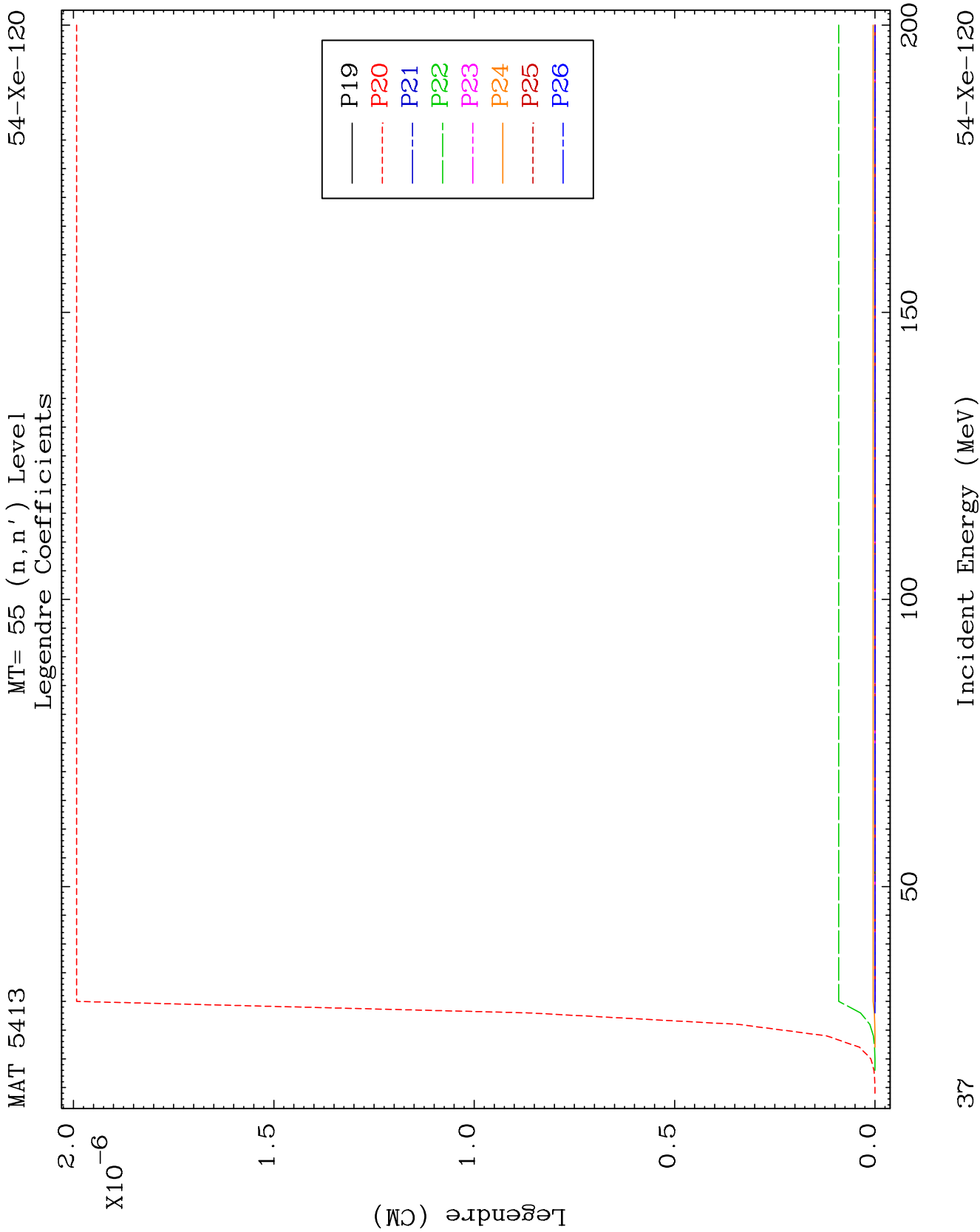


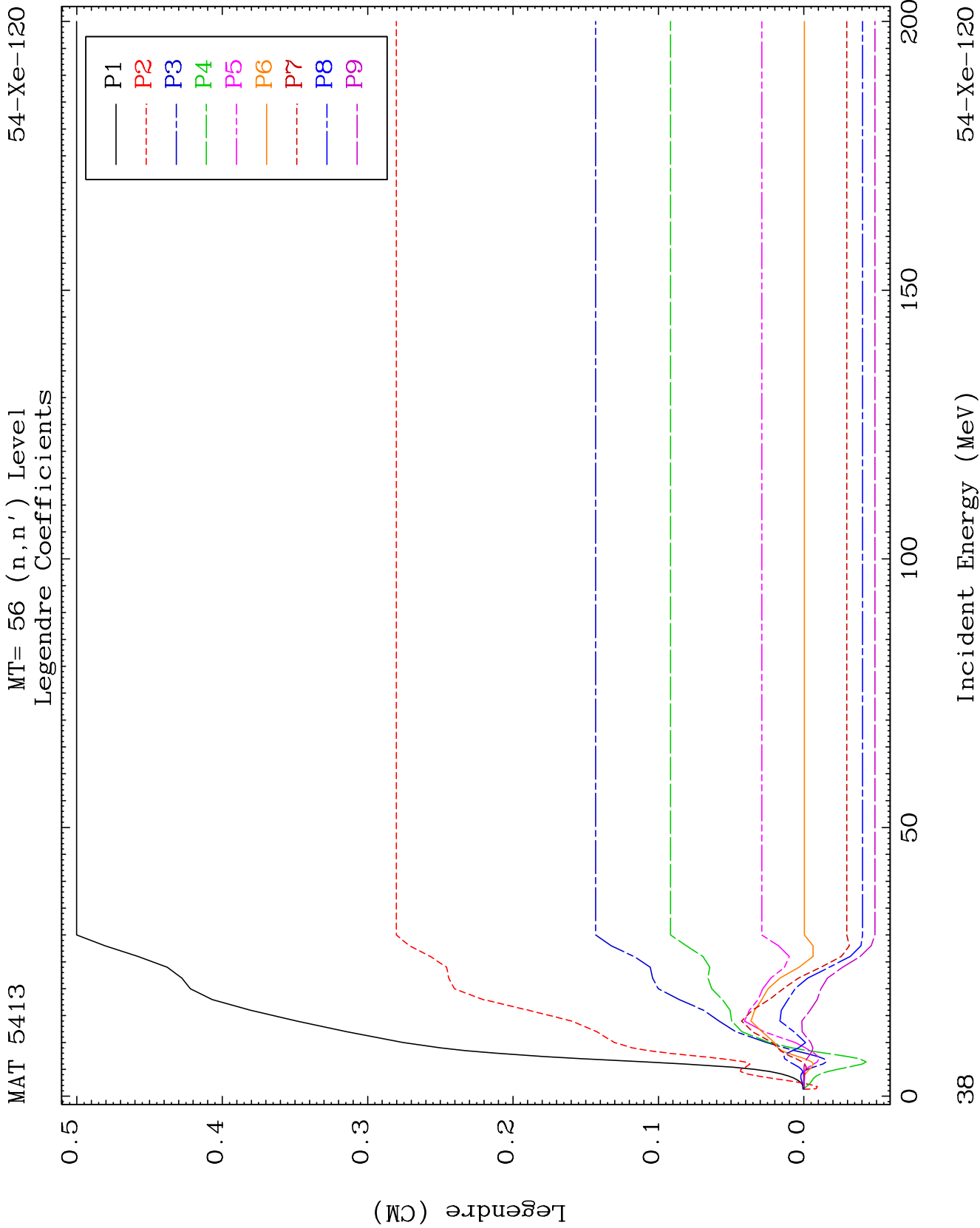








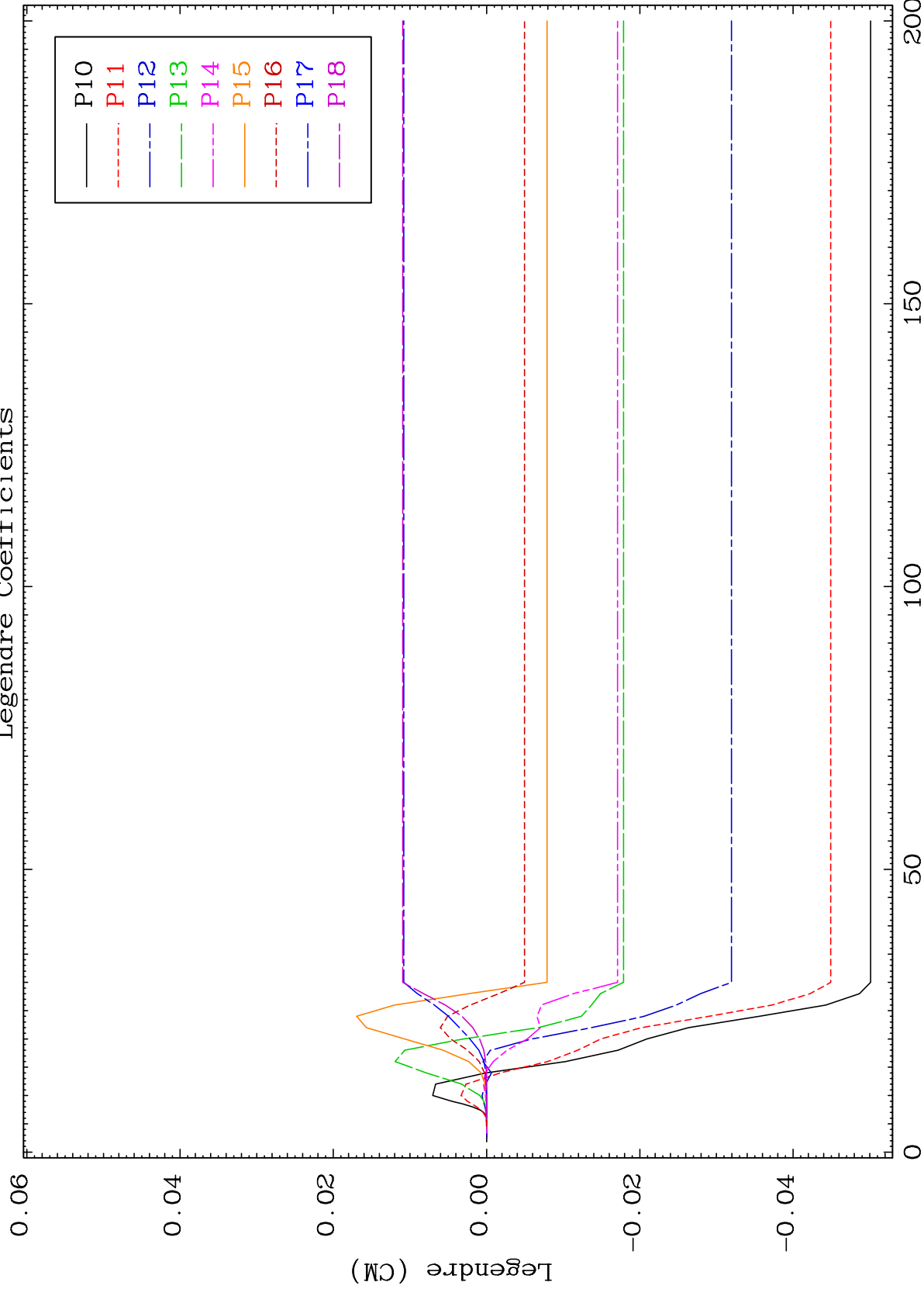




MAT 5413

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

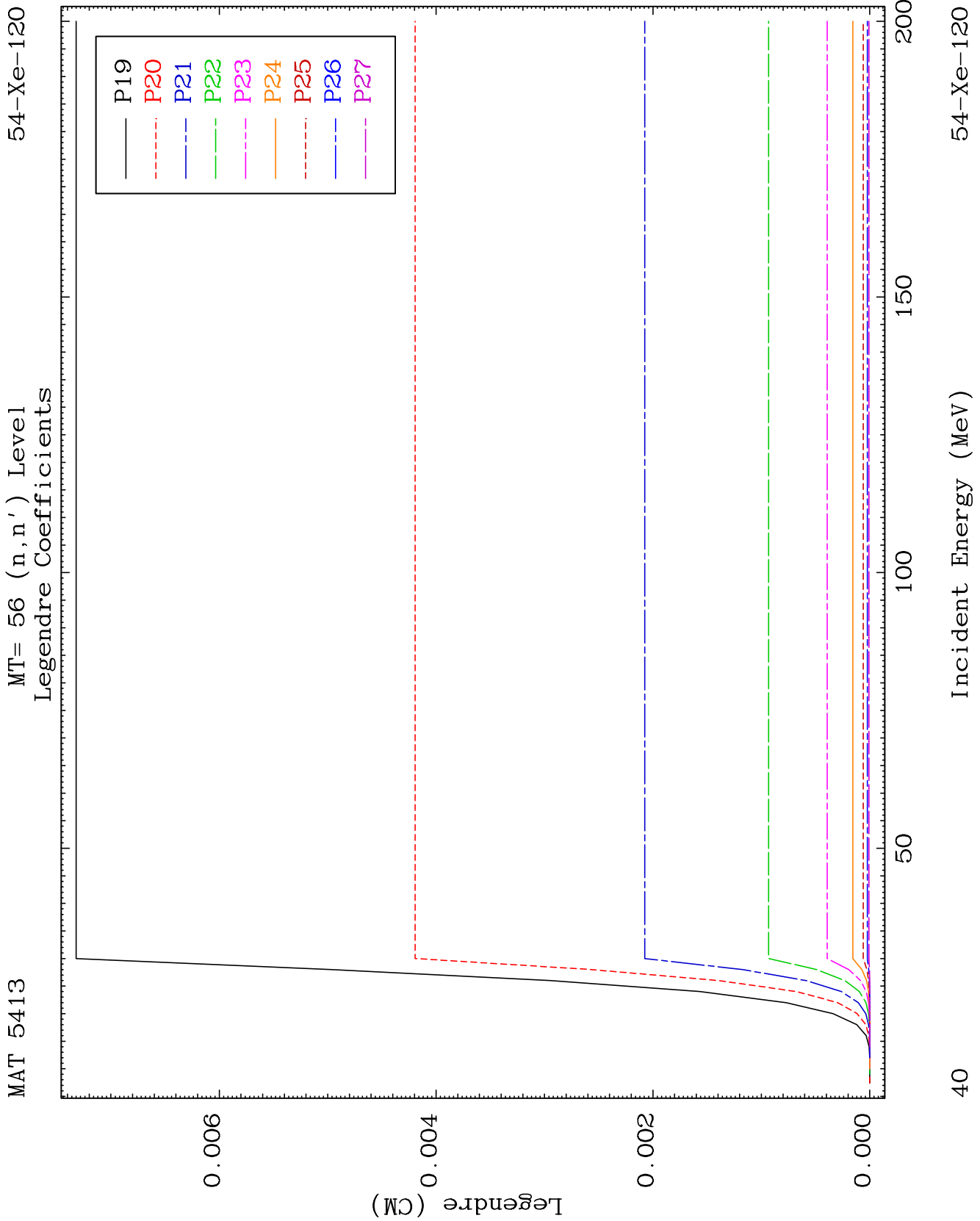
54-Xe-120

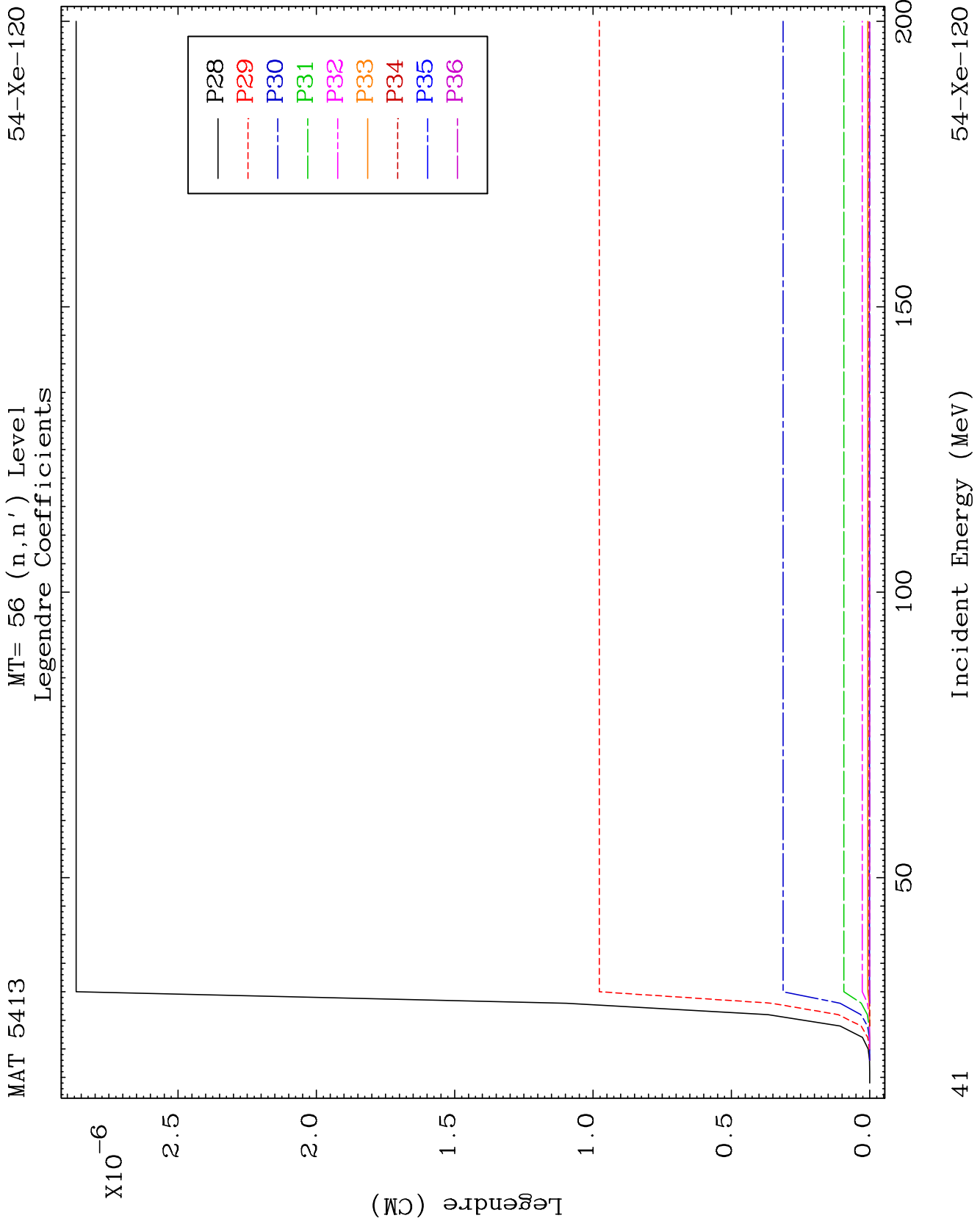


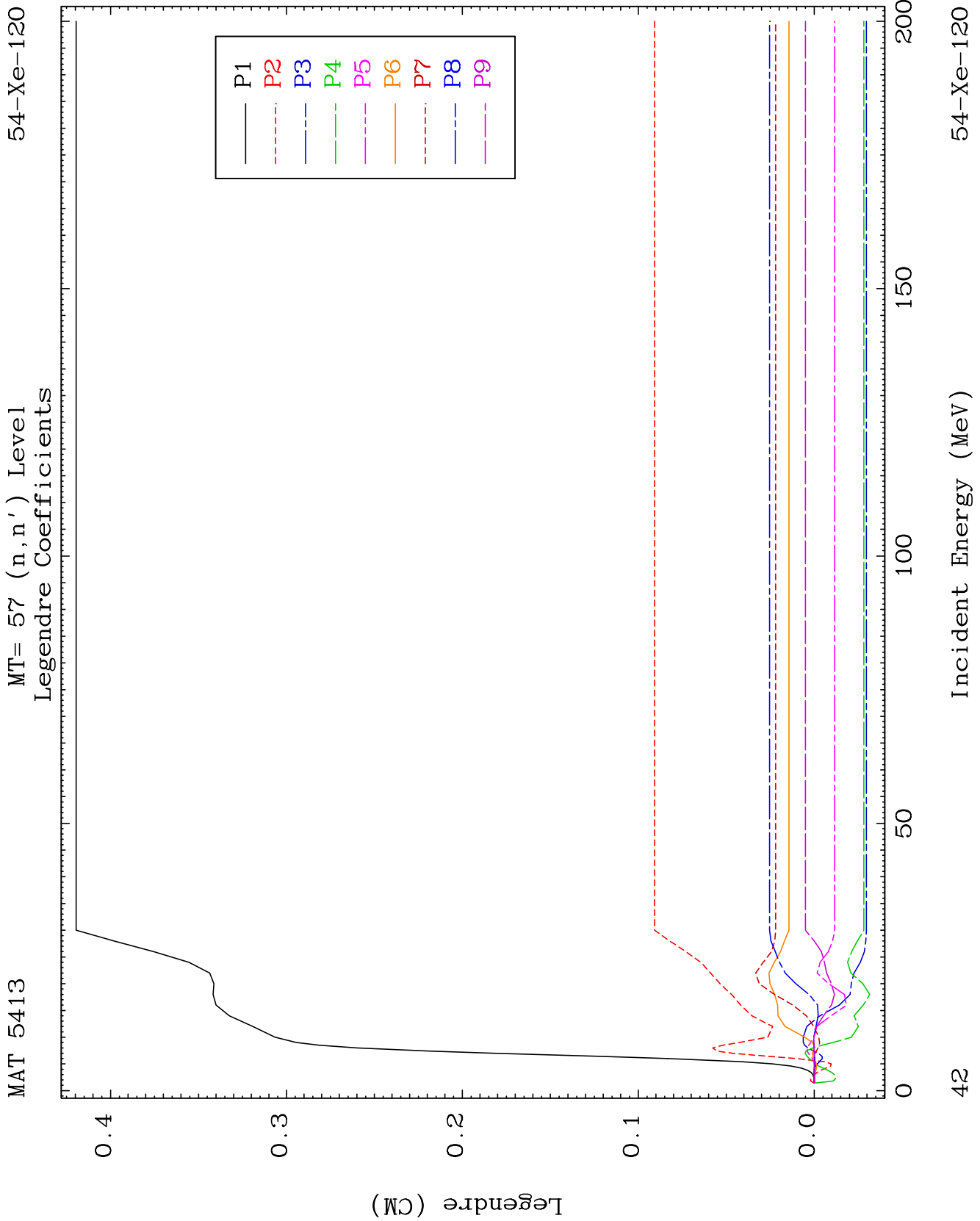
33

Incident Energy (MeV)

54-Xe-120



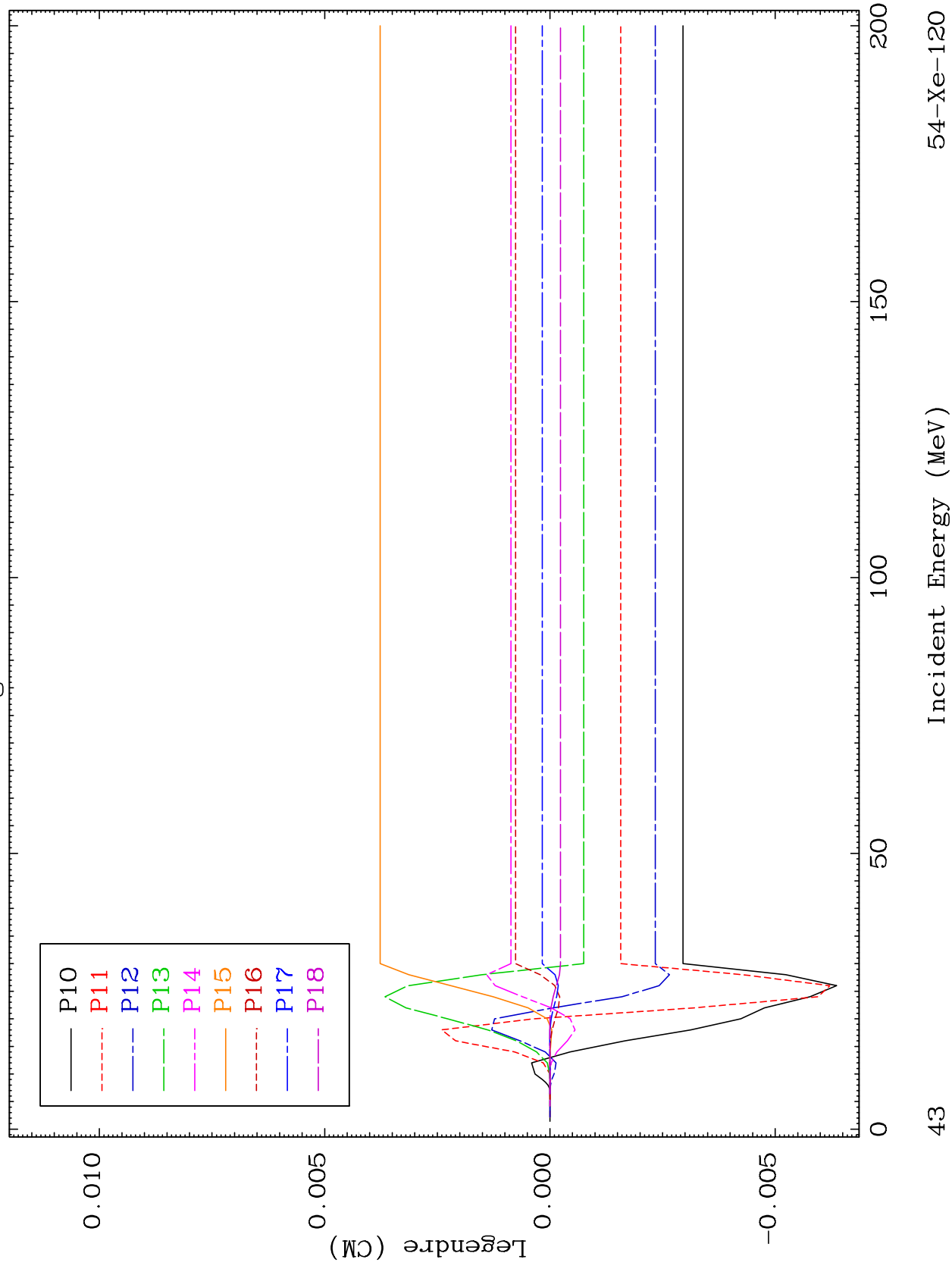


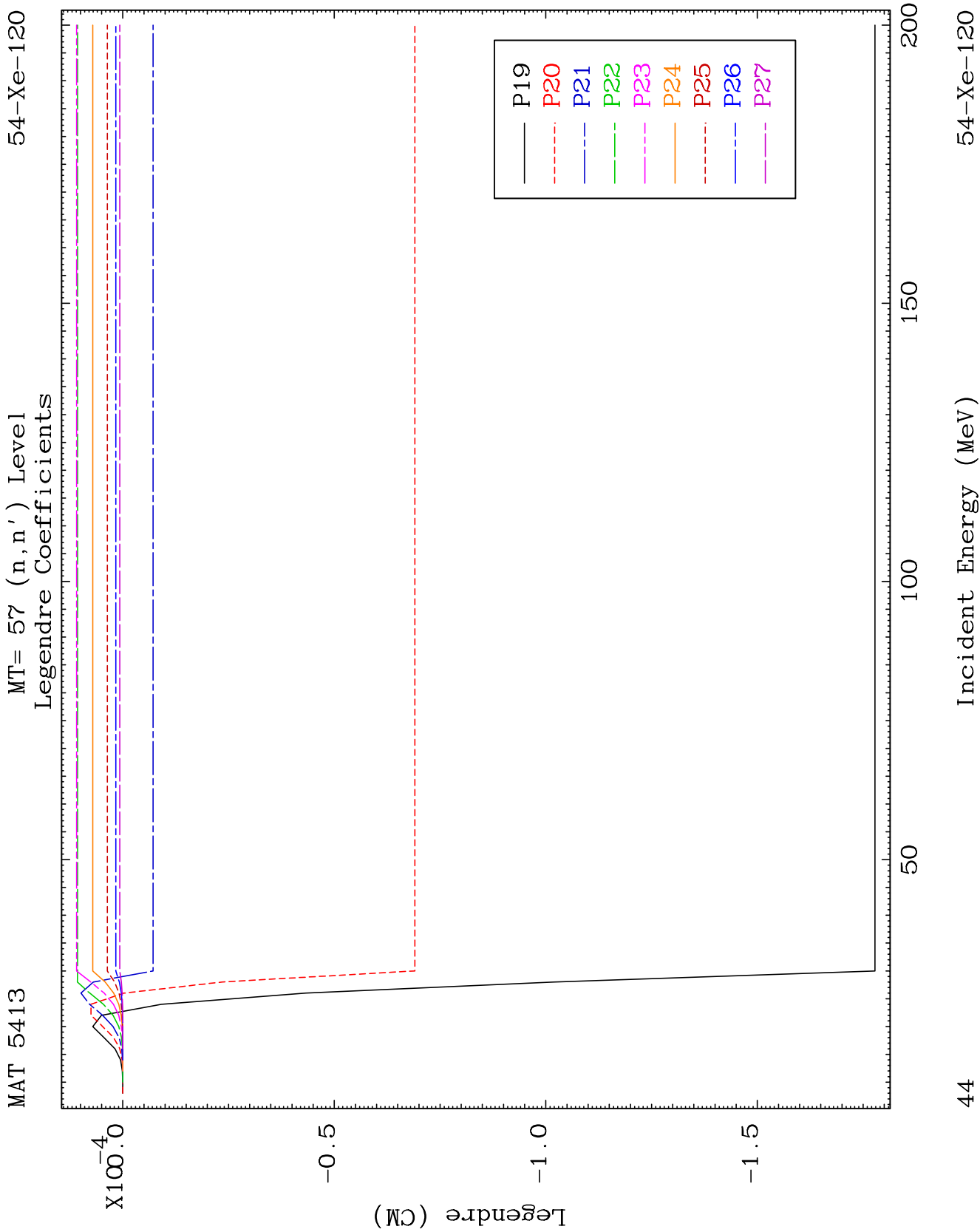


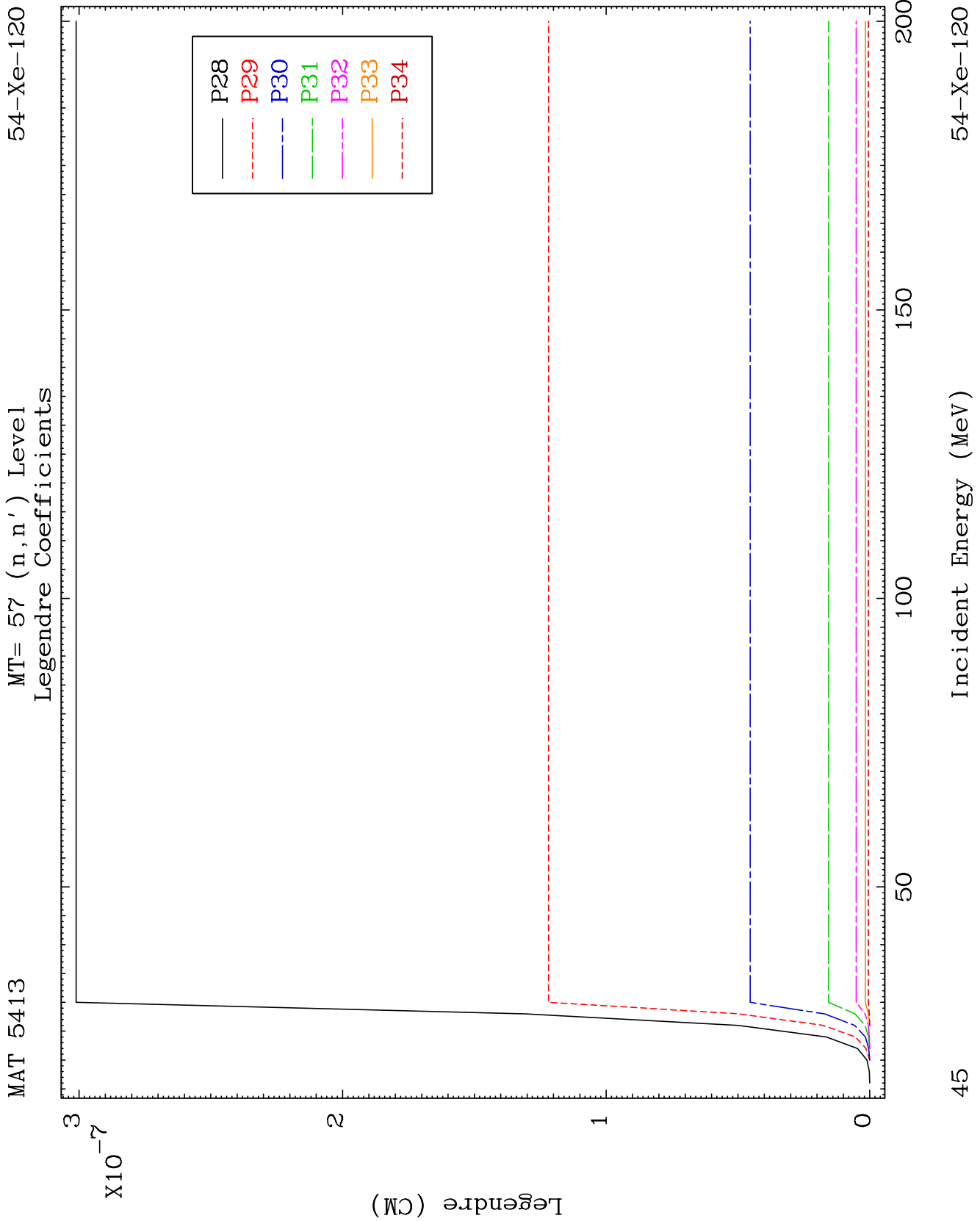
MAT 5413

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

54-Xe-120



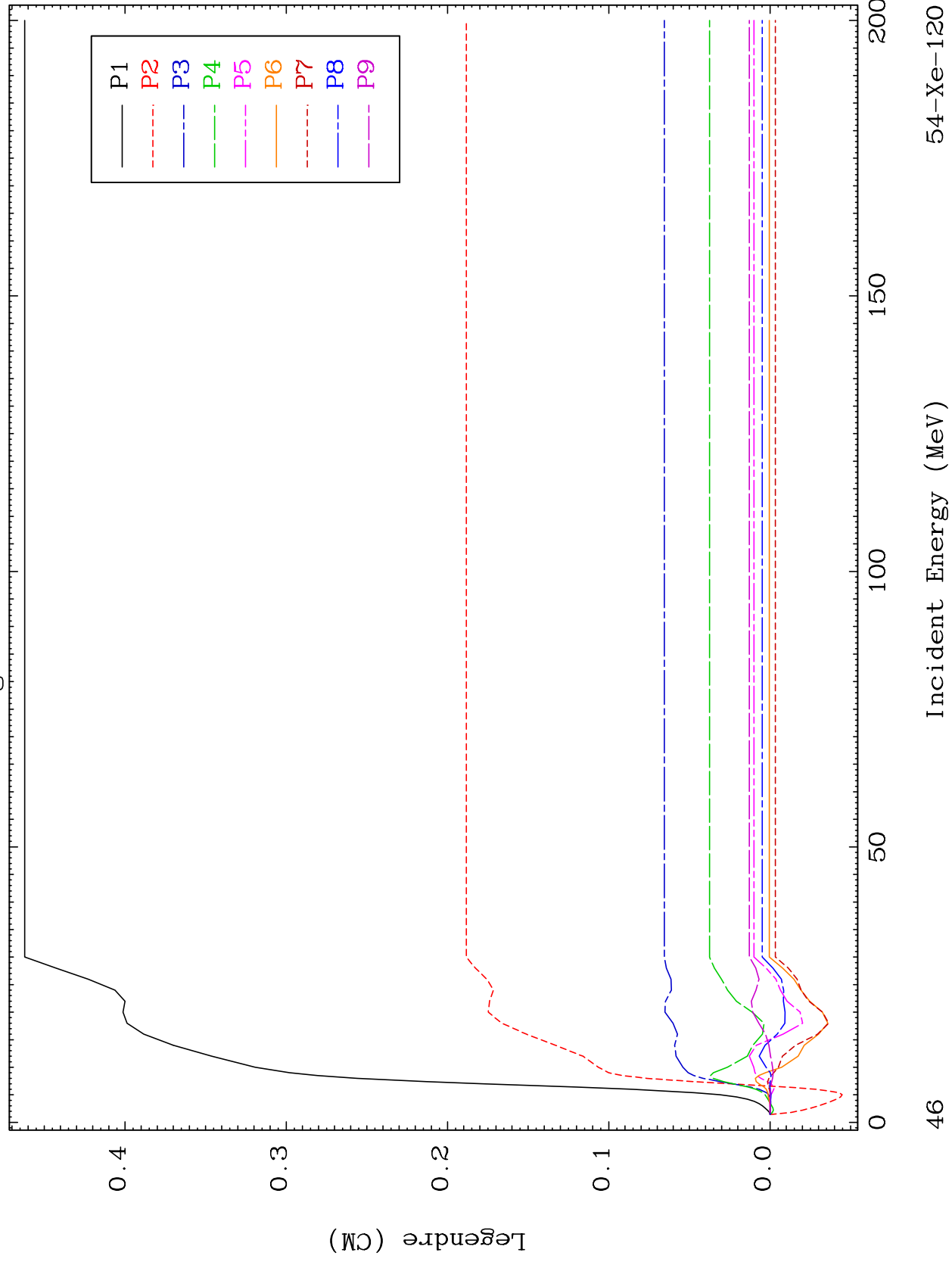




MAT 5413

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

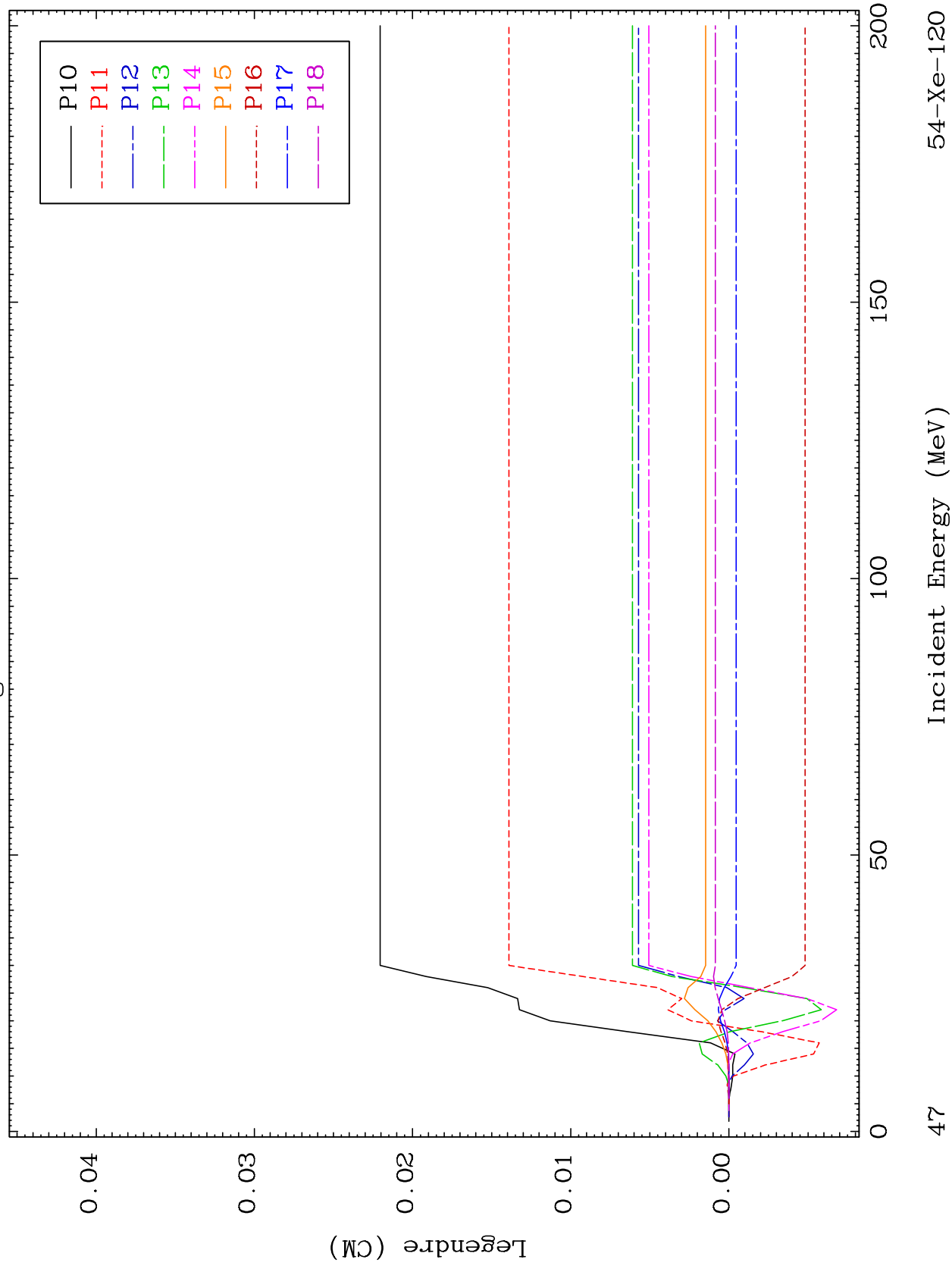
54-Xe-120

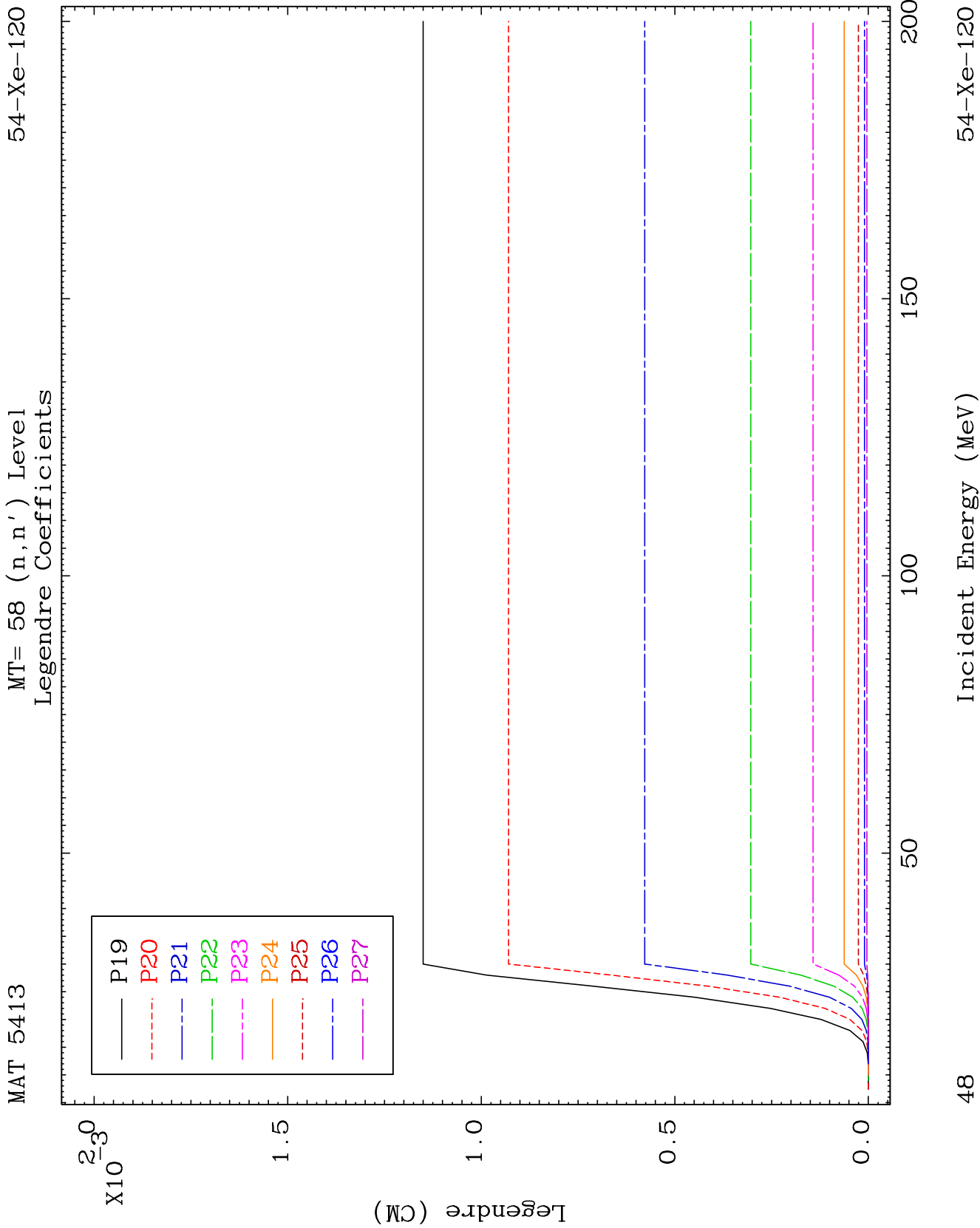


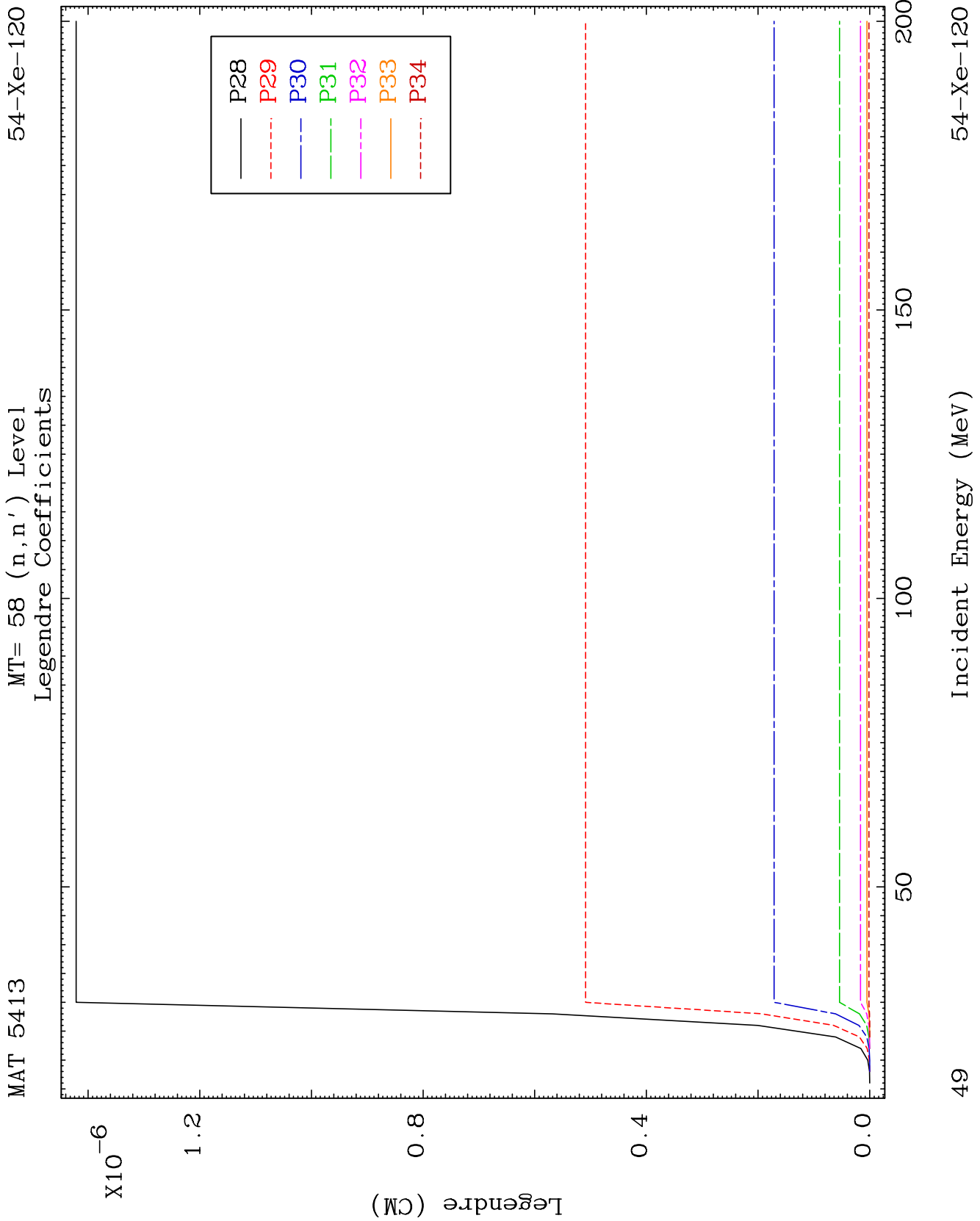
MAT 5413

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

54-Xe-120



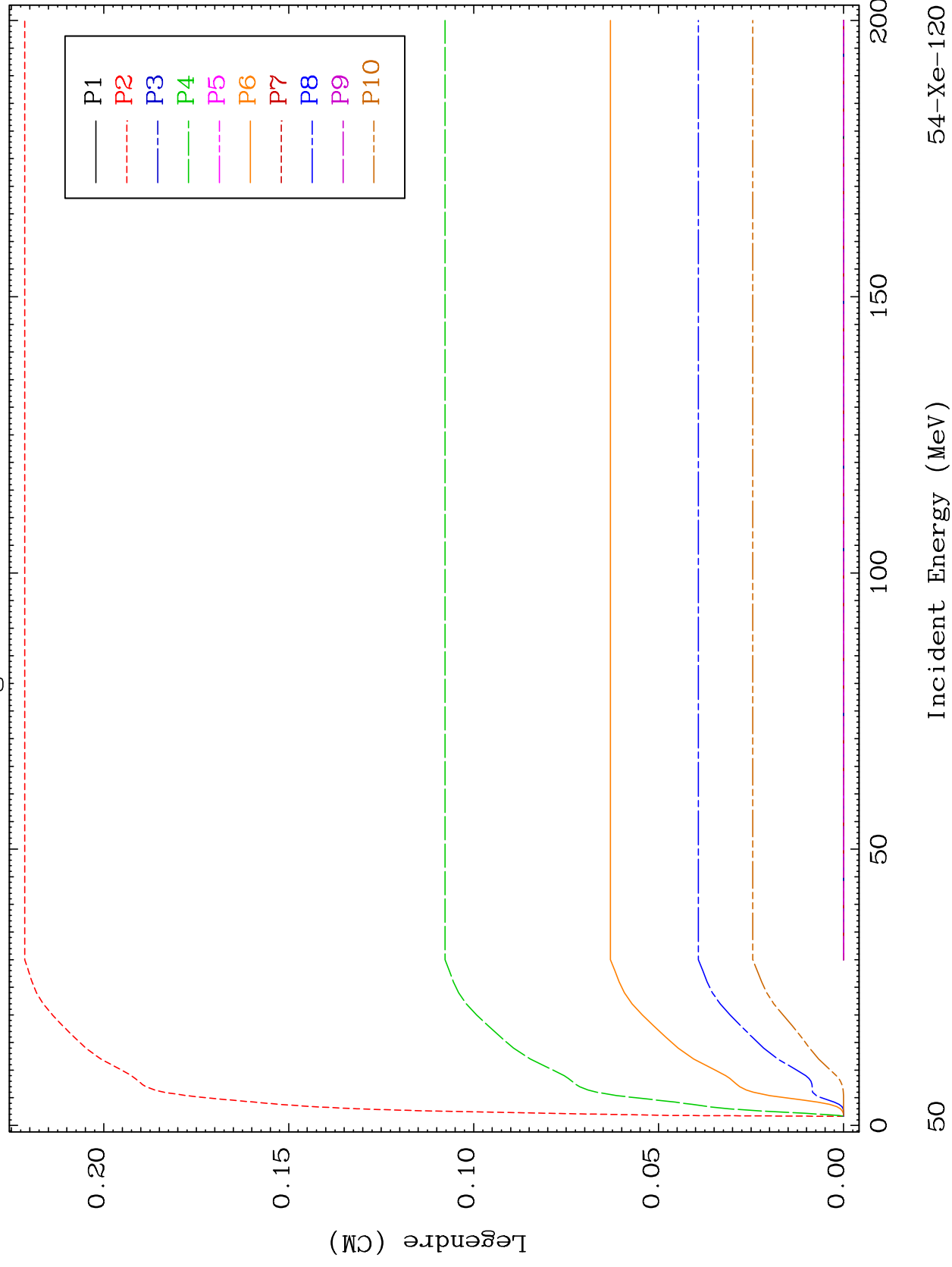


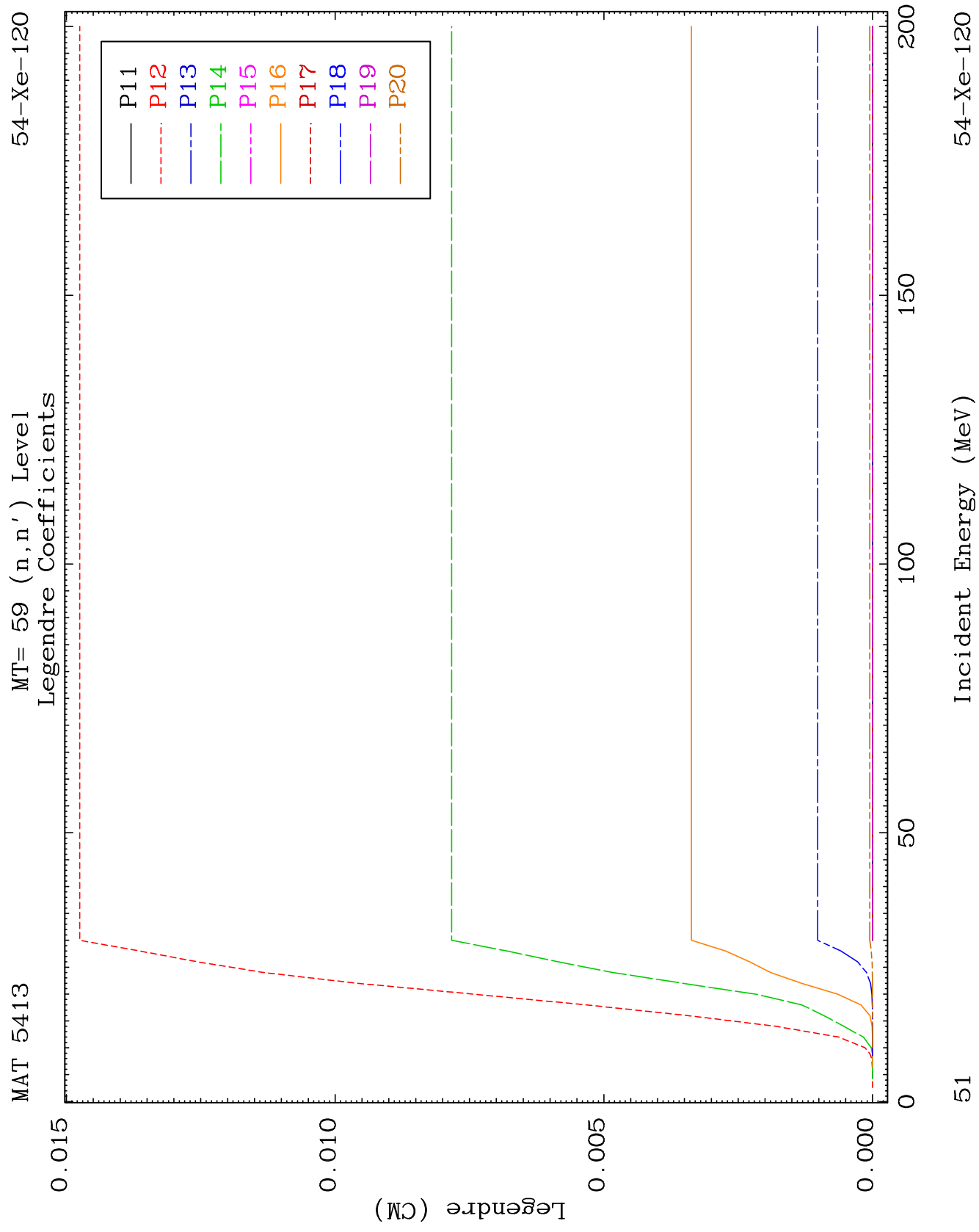


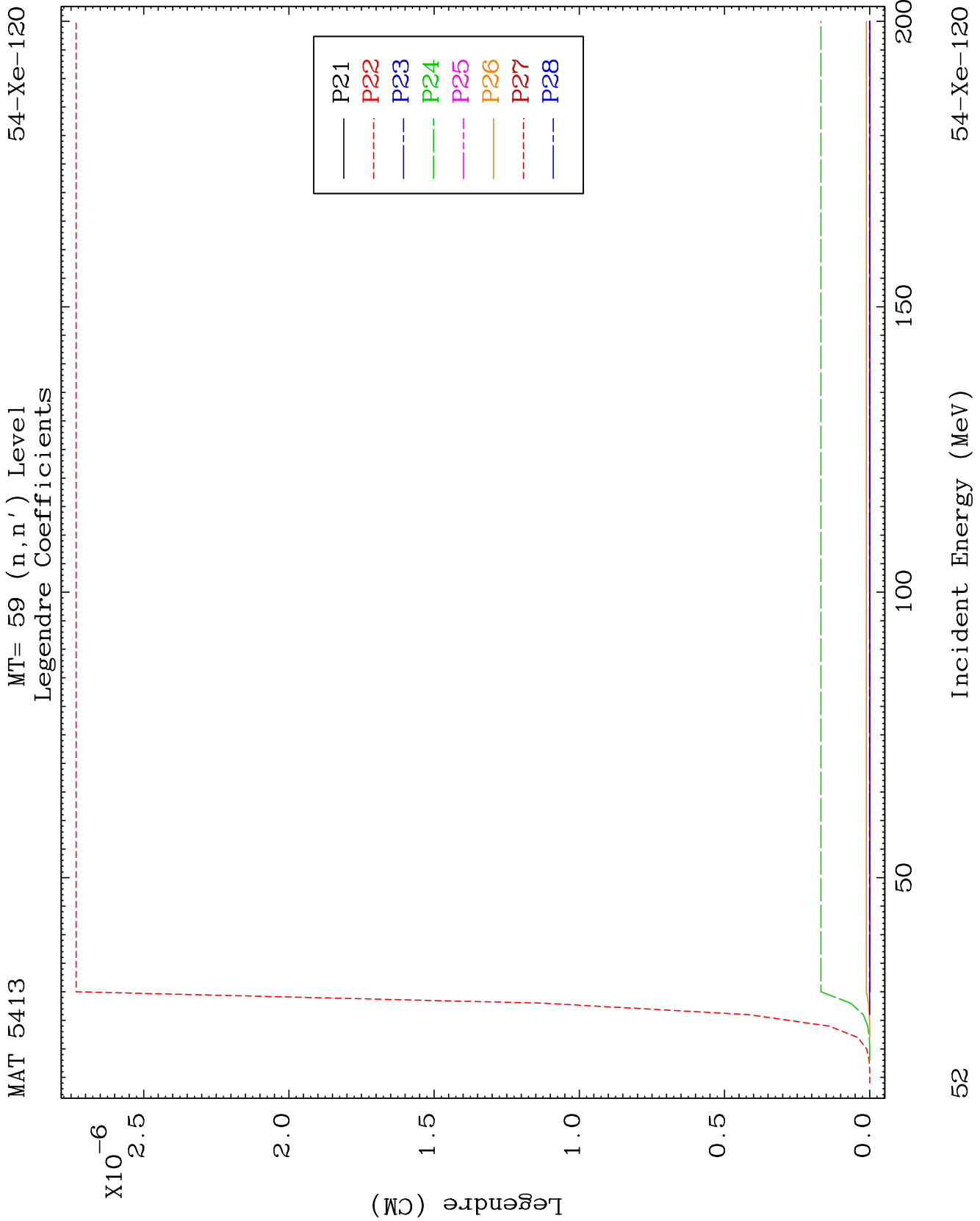
MAT 5413

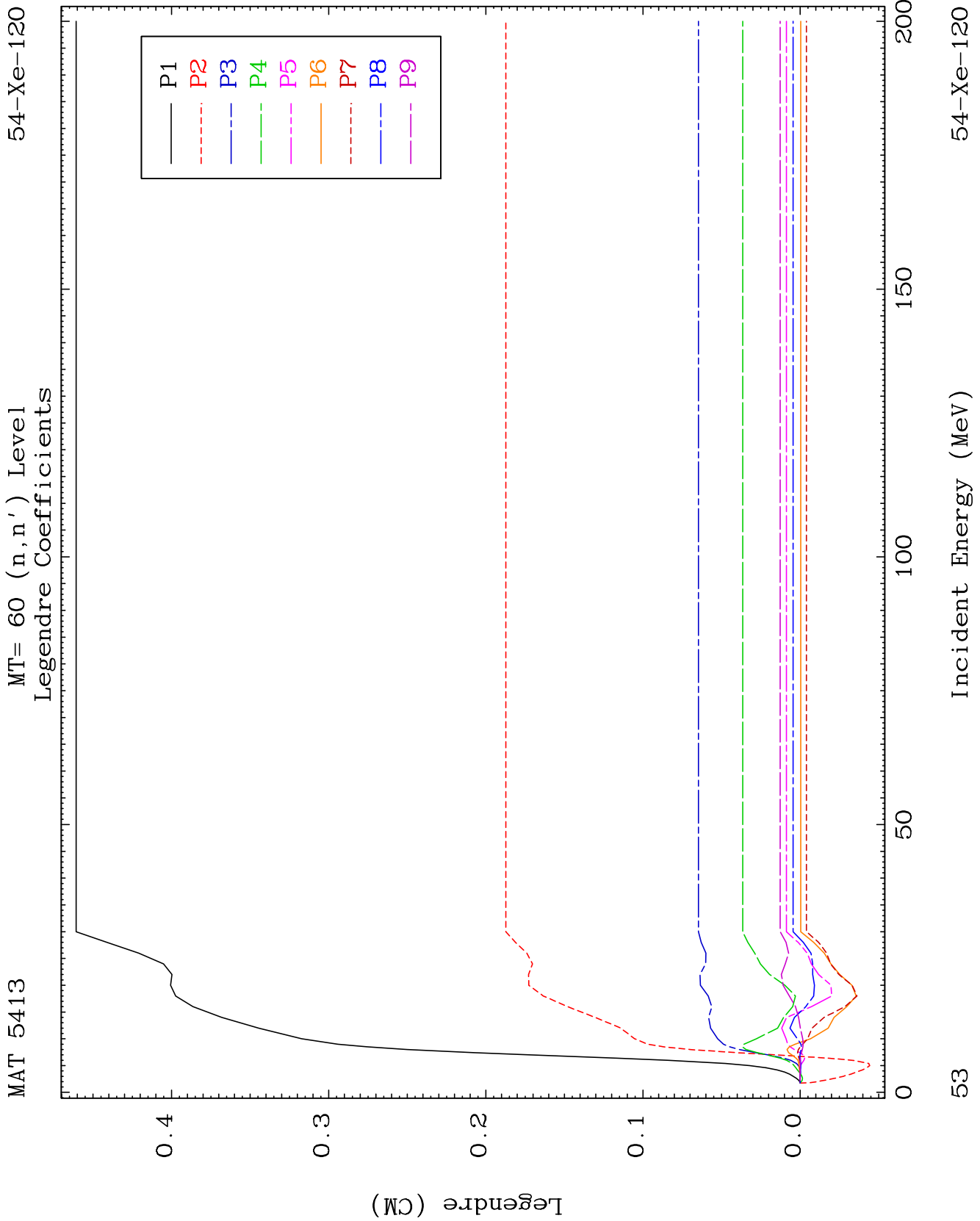
MT= 59 (n, n') Level
Legendre Coefficients

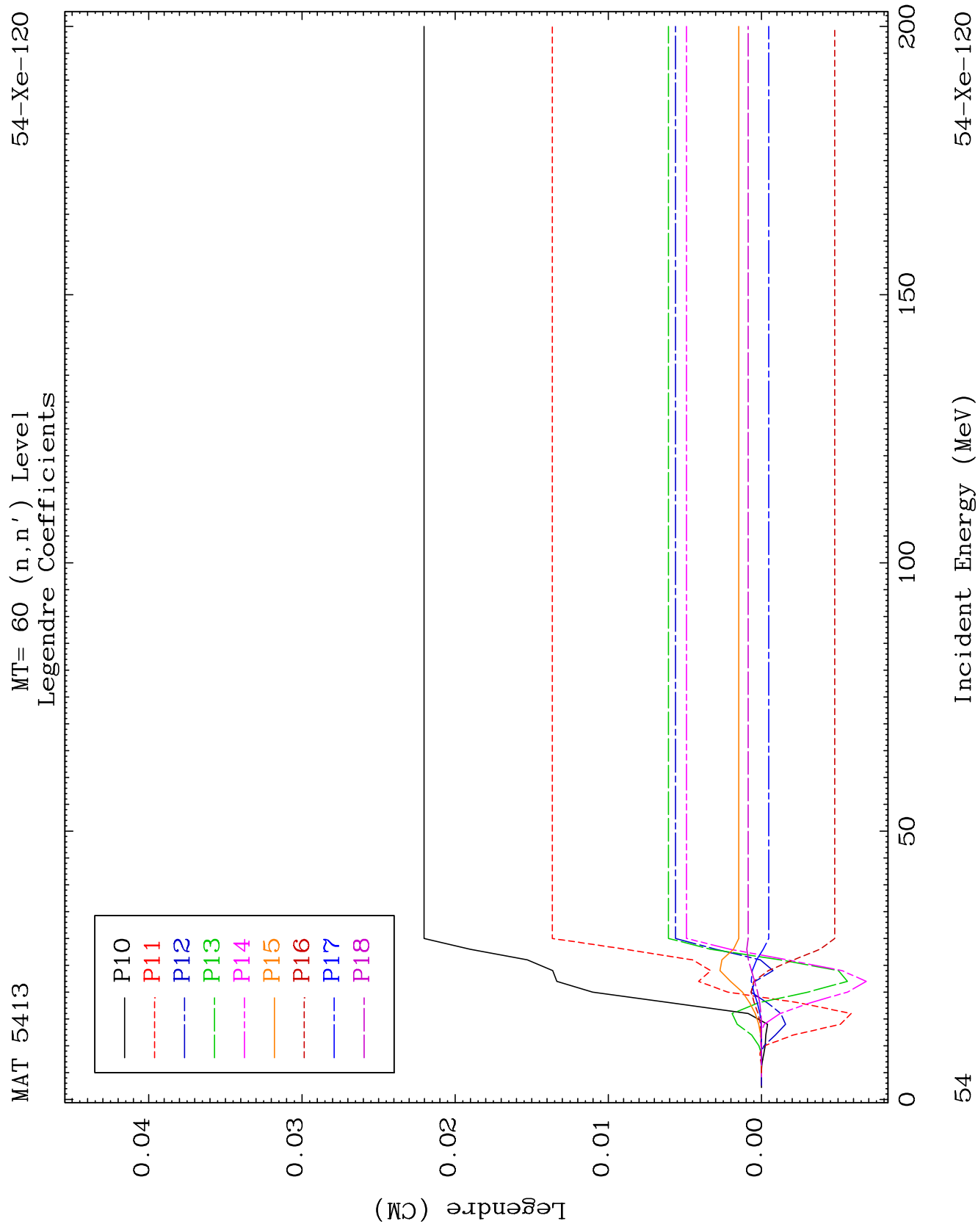
54-Xe-120





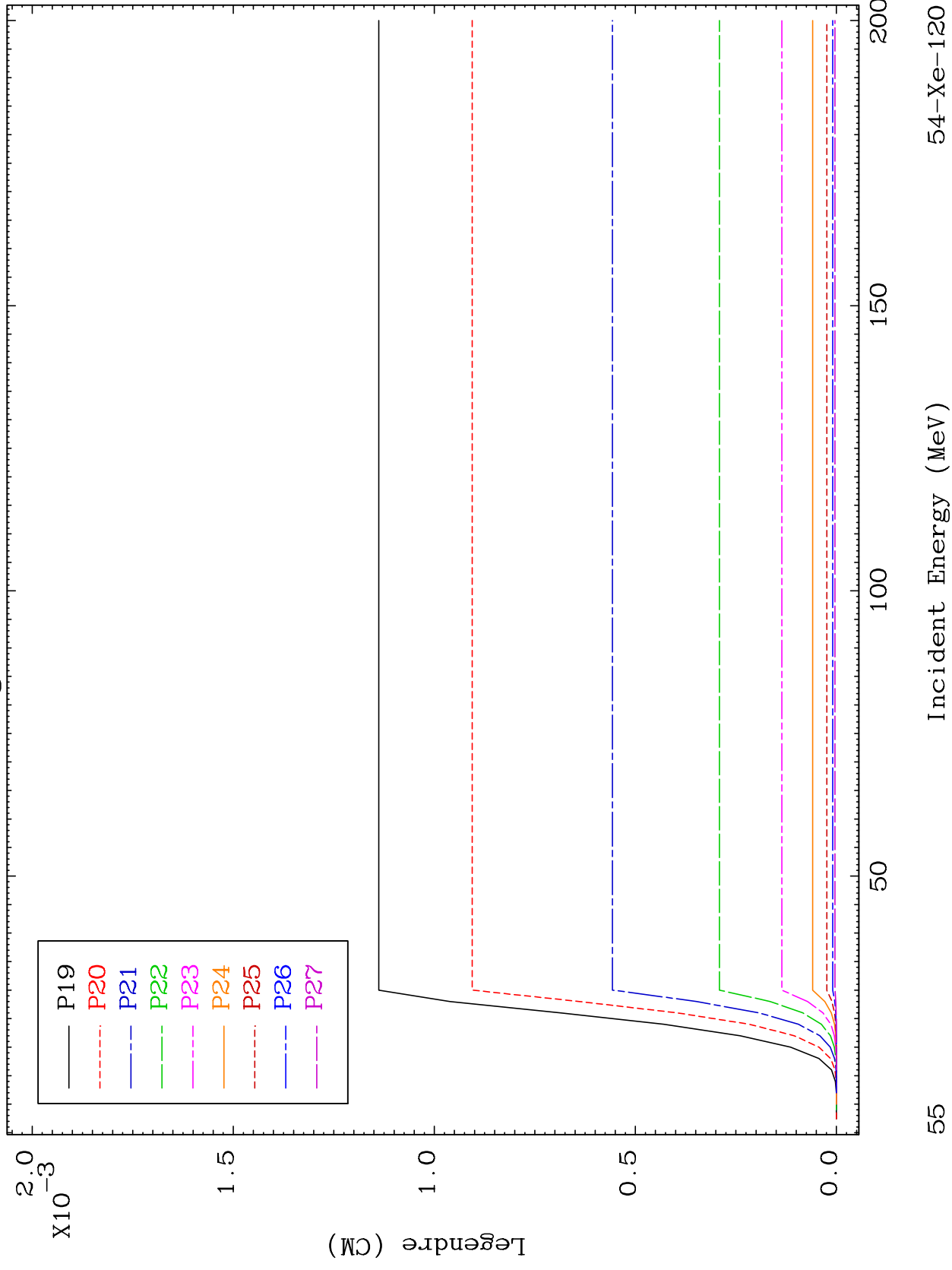


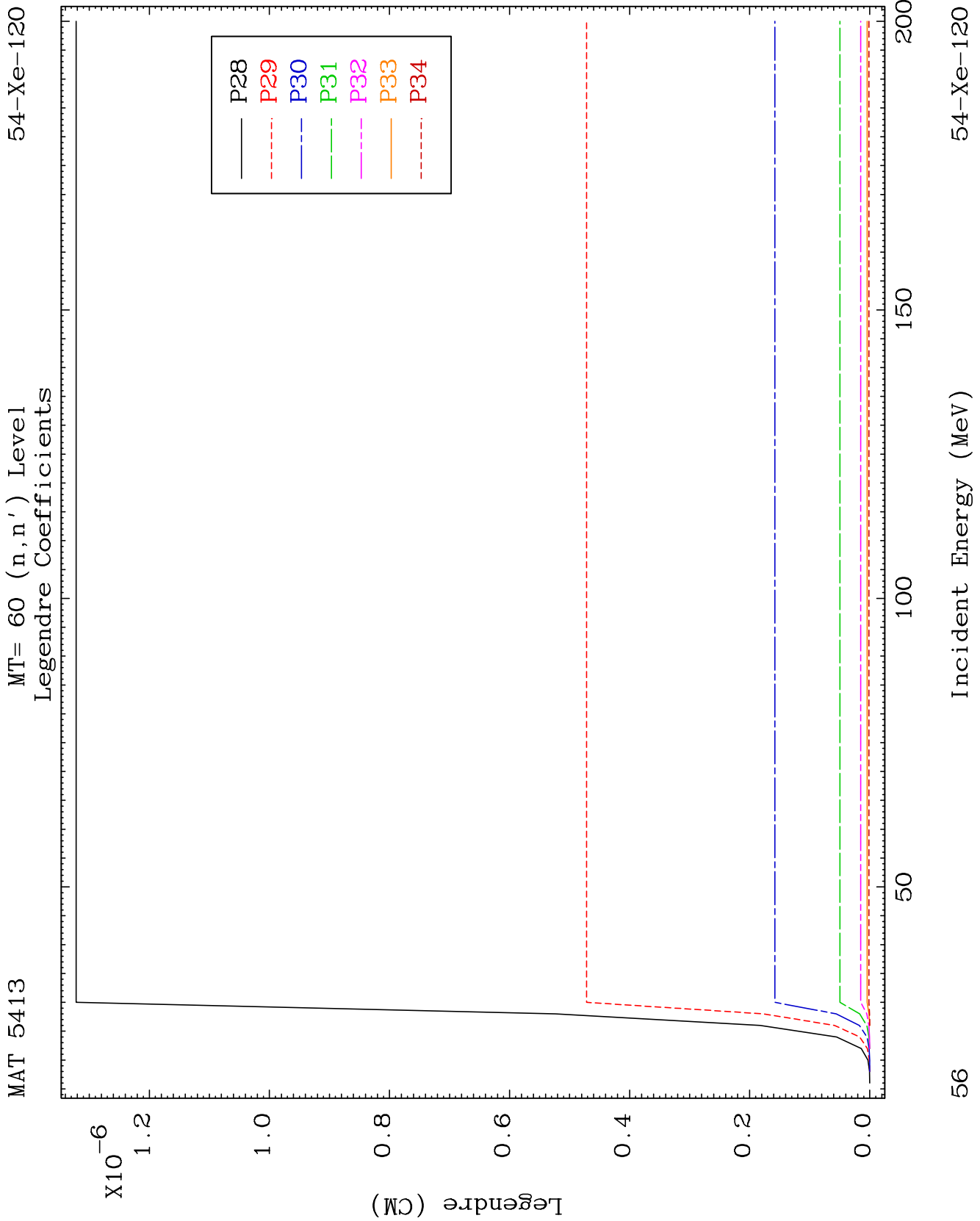


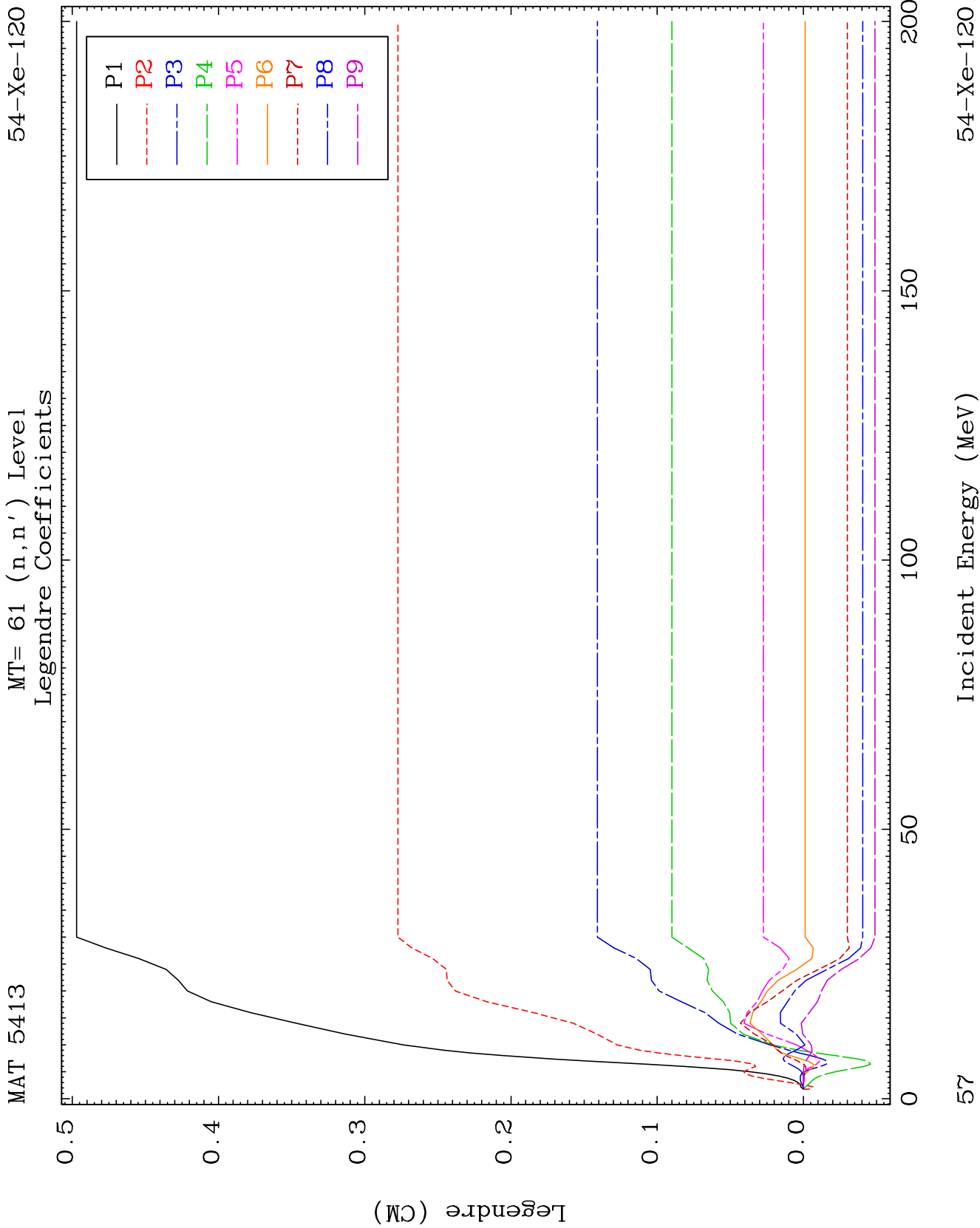


MAT 5413

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

 $^{54}\text{-Xe-120}$ 

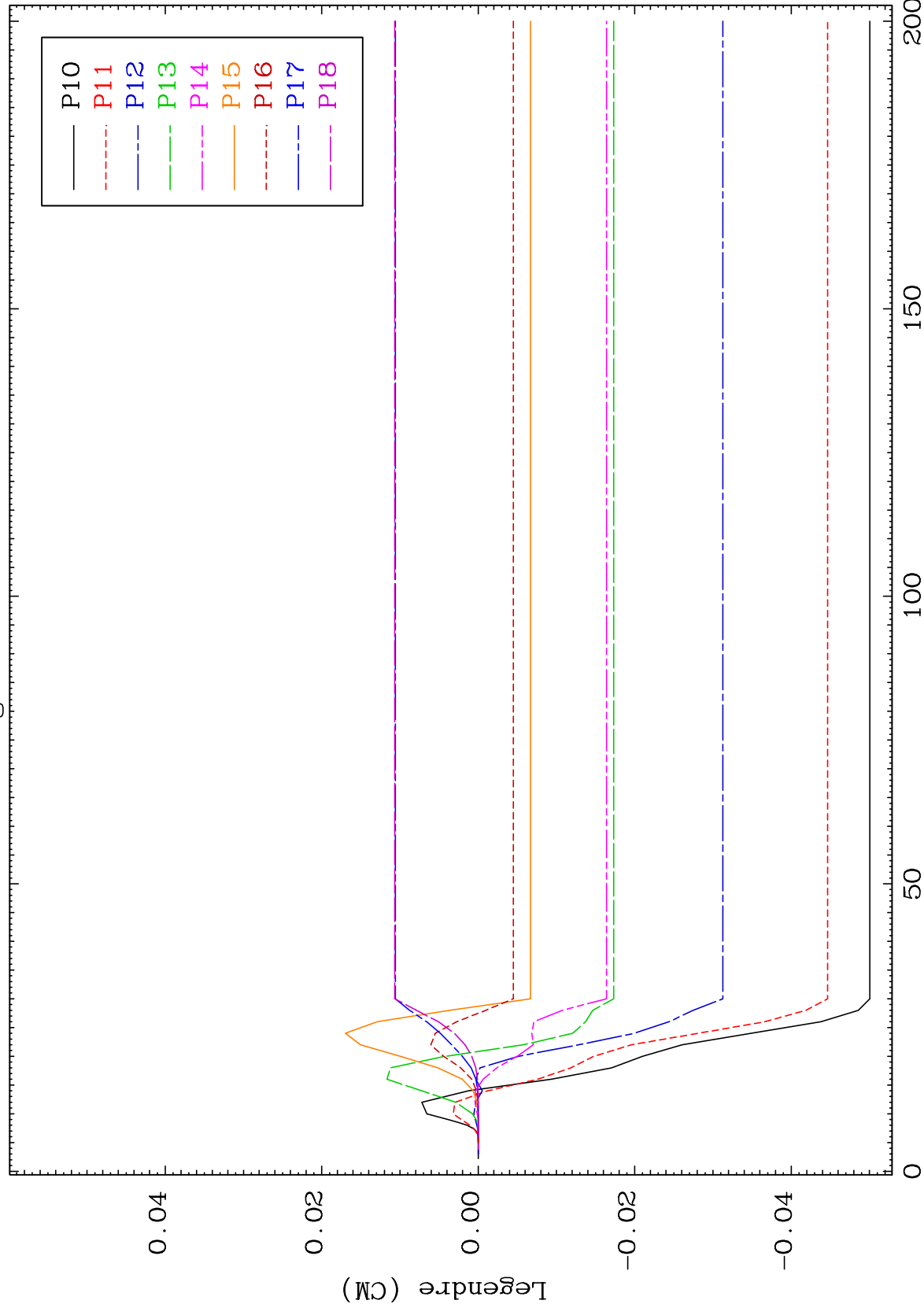




MAT 5413

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

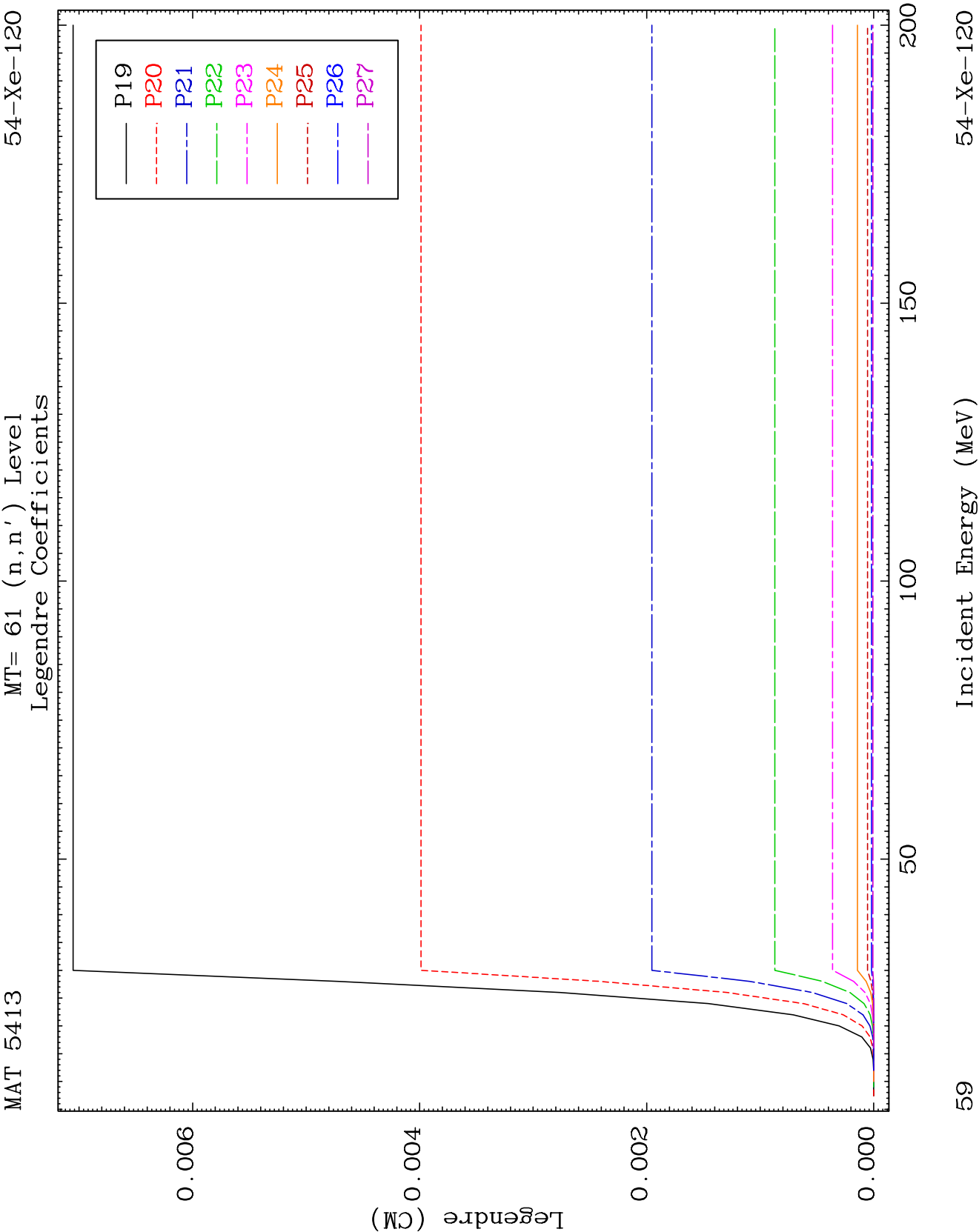
54-Xe-120



58

Incident Energy (MeV)

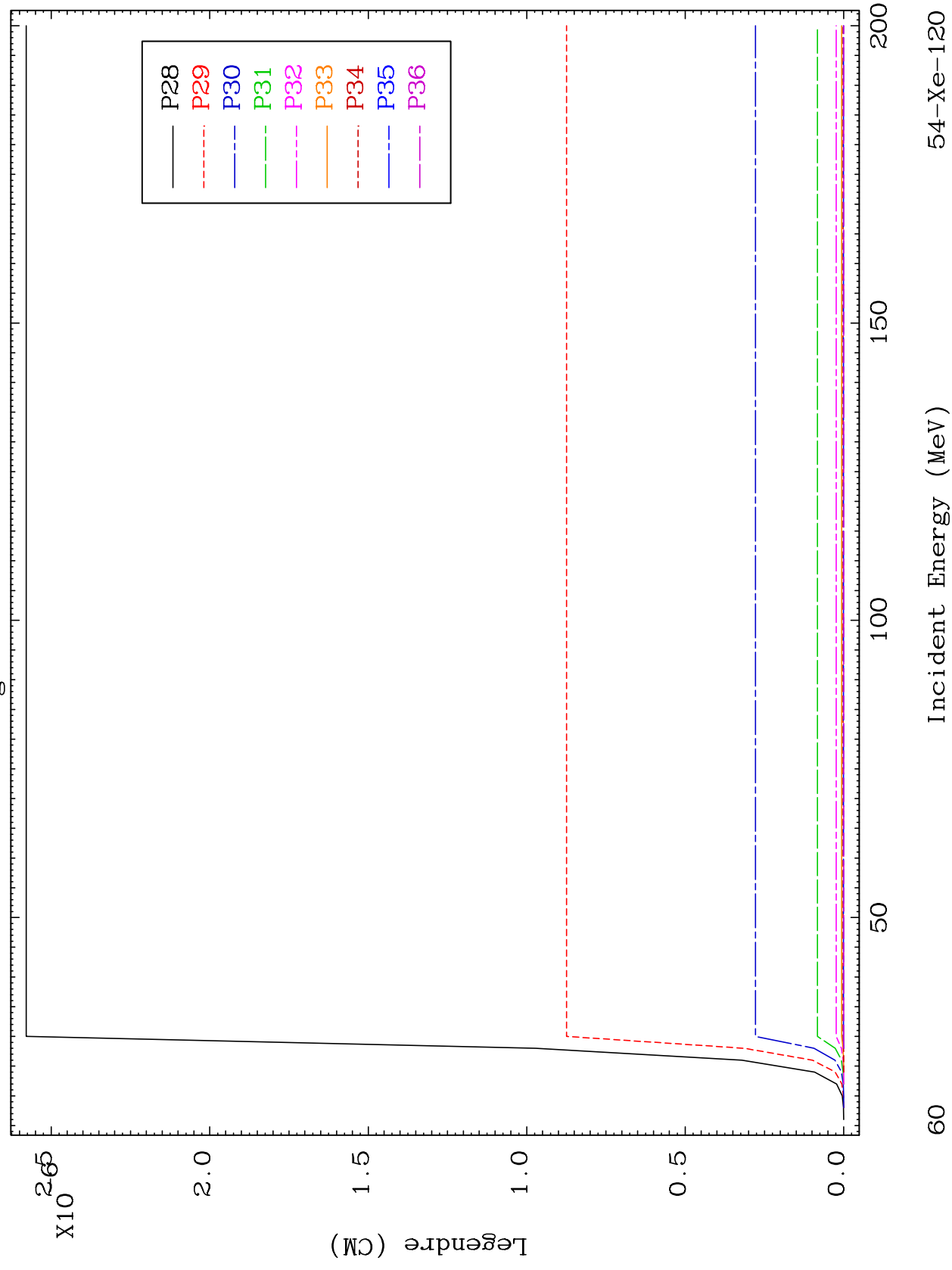
54-Xe-120

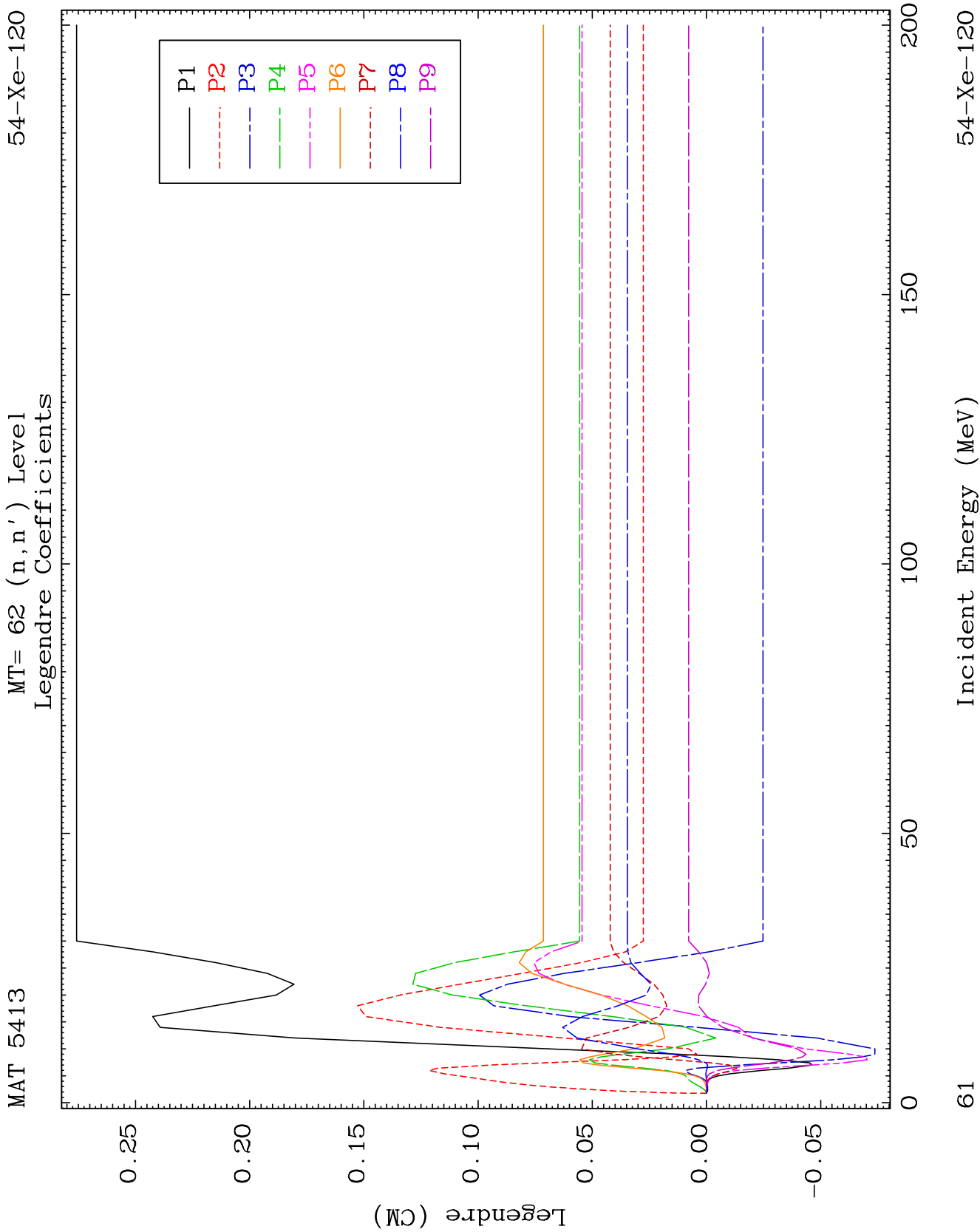


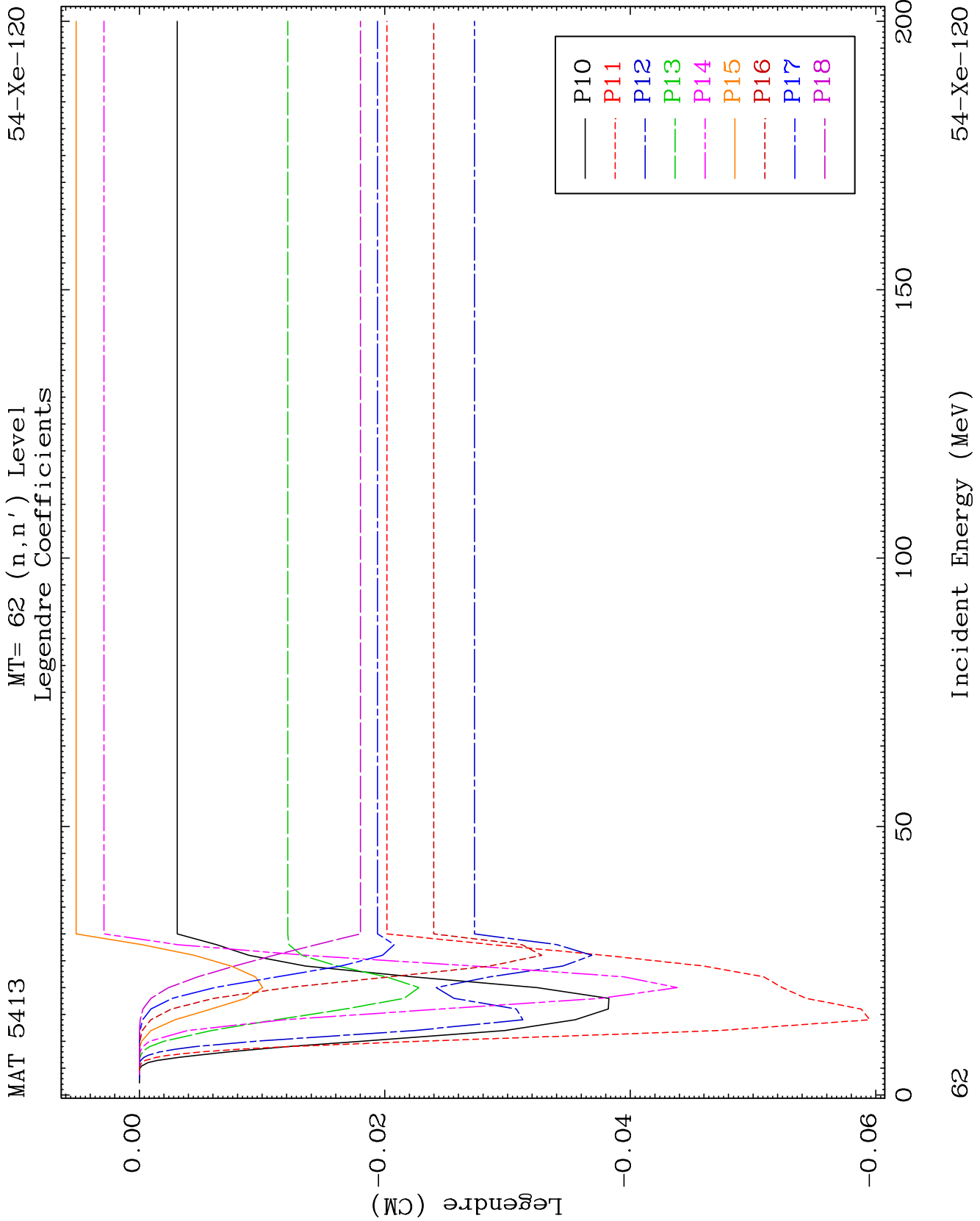
MAT 5413

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

54-Xe-120



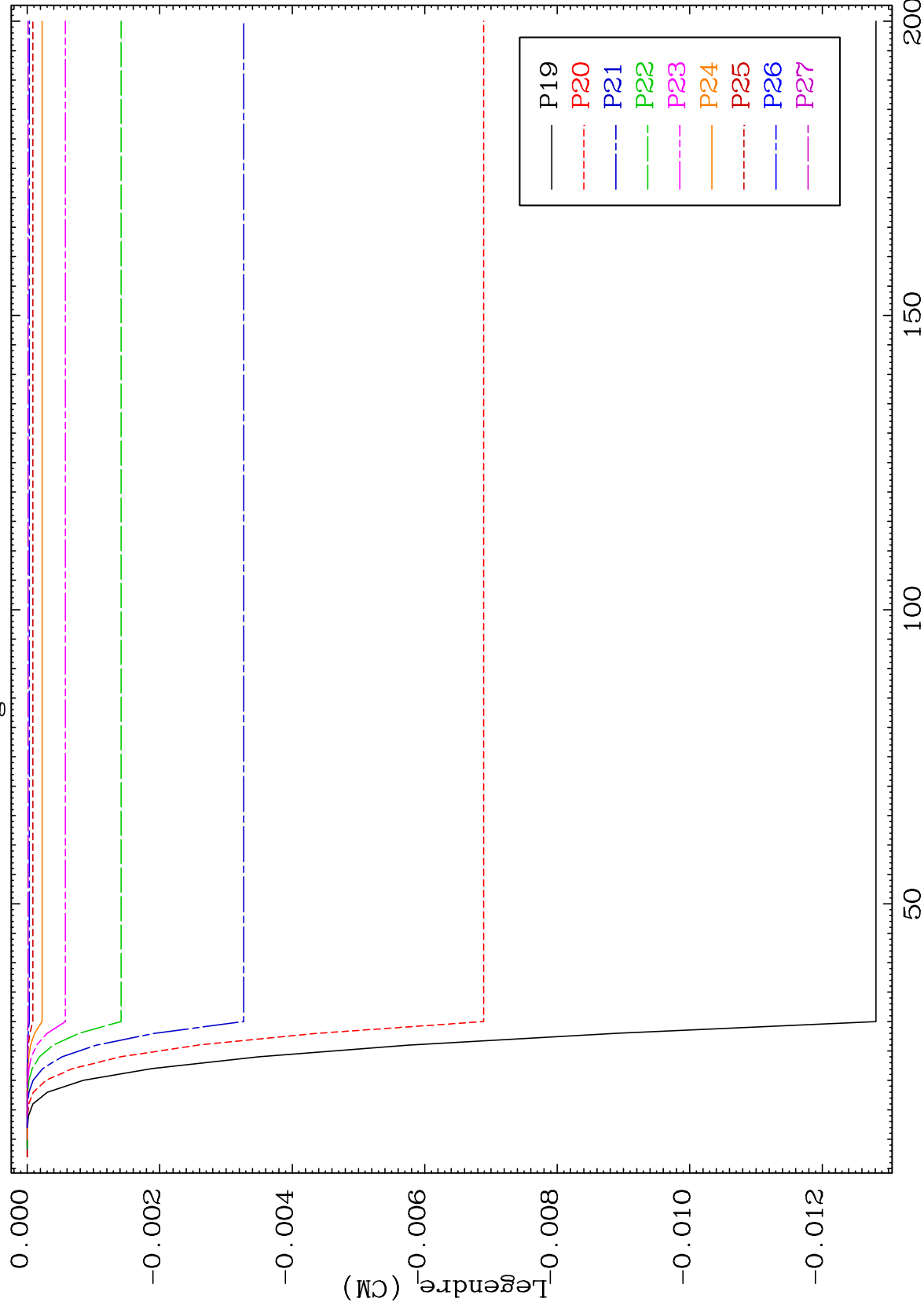




MAT 5413

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

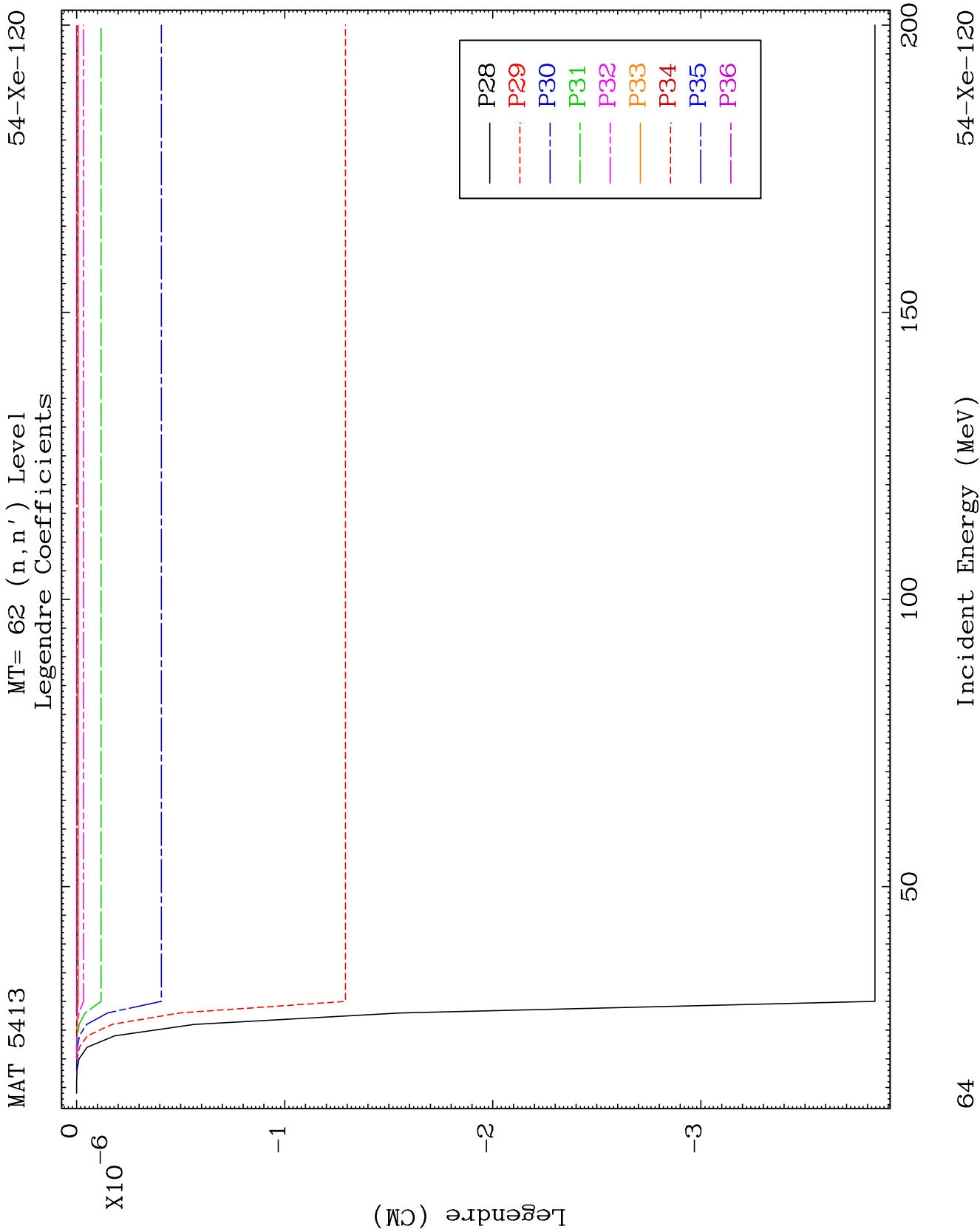
54-Xe-120



63

Incident Energy (MeV)

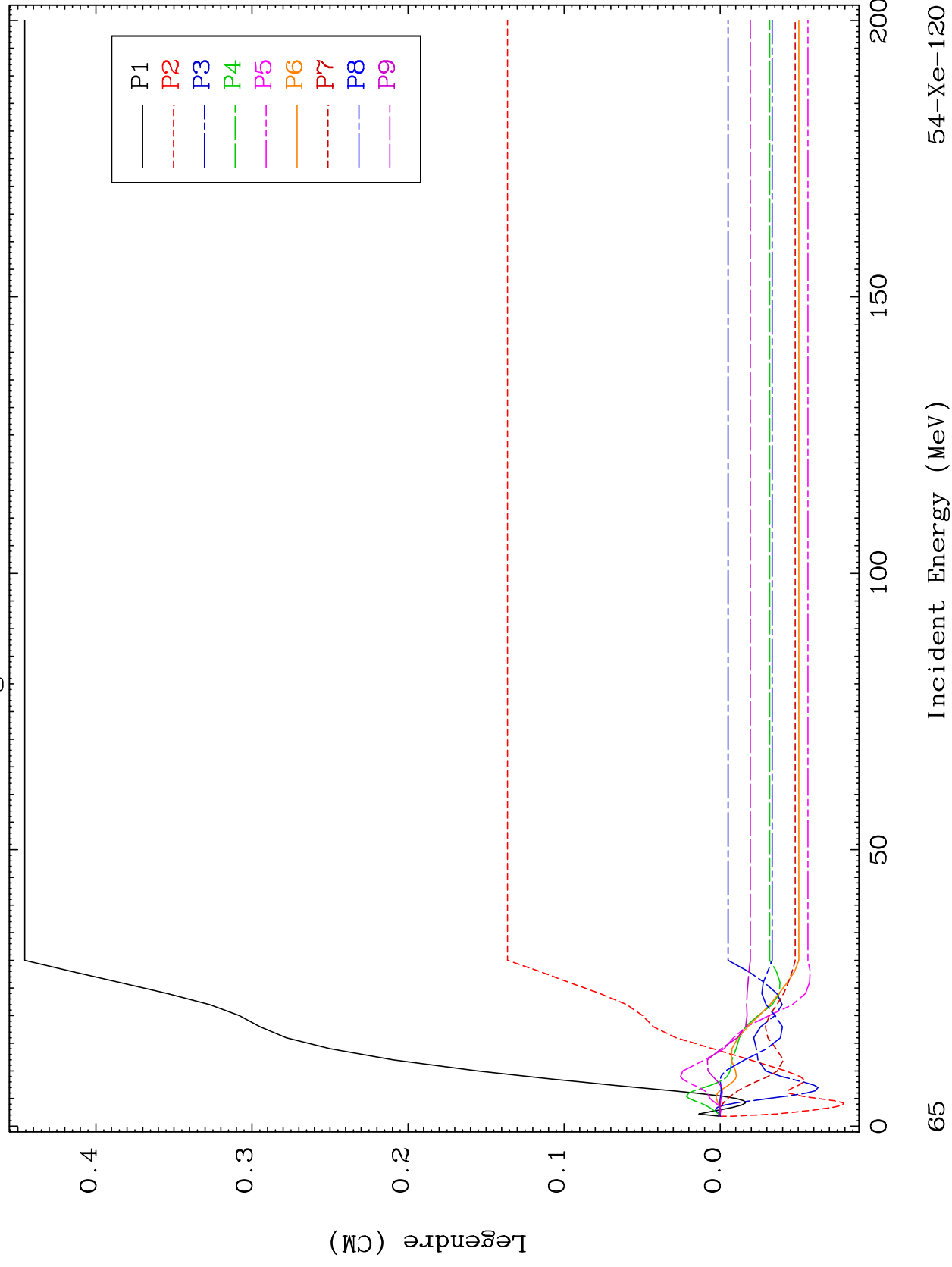
54-Xe-120



MAT 5413

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

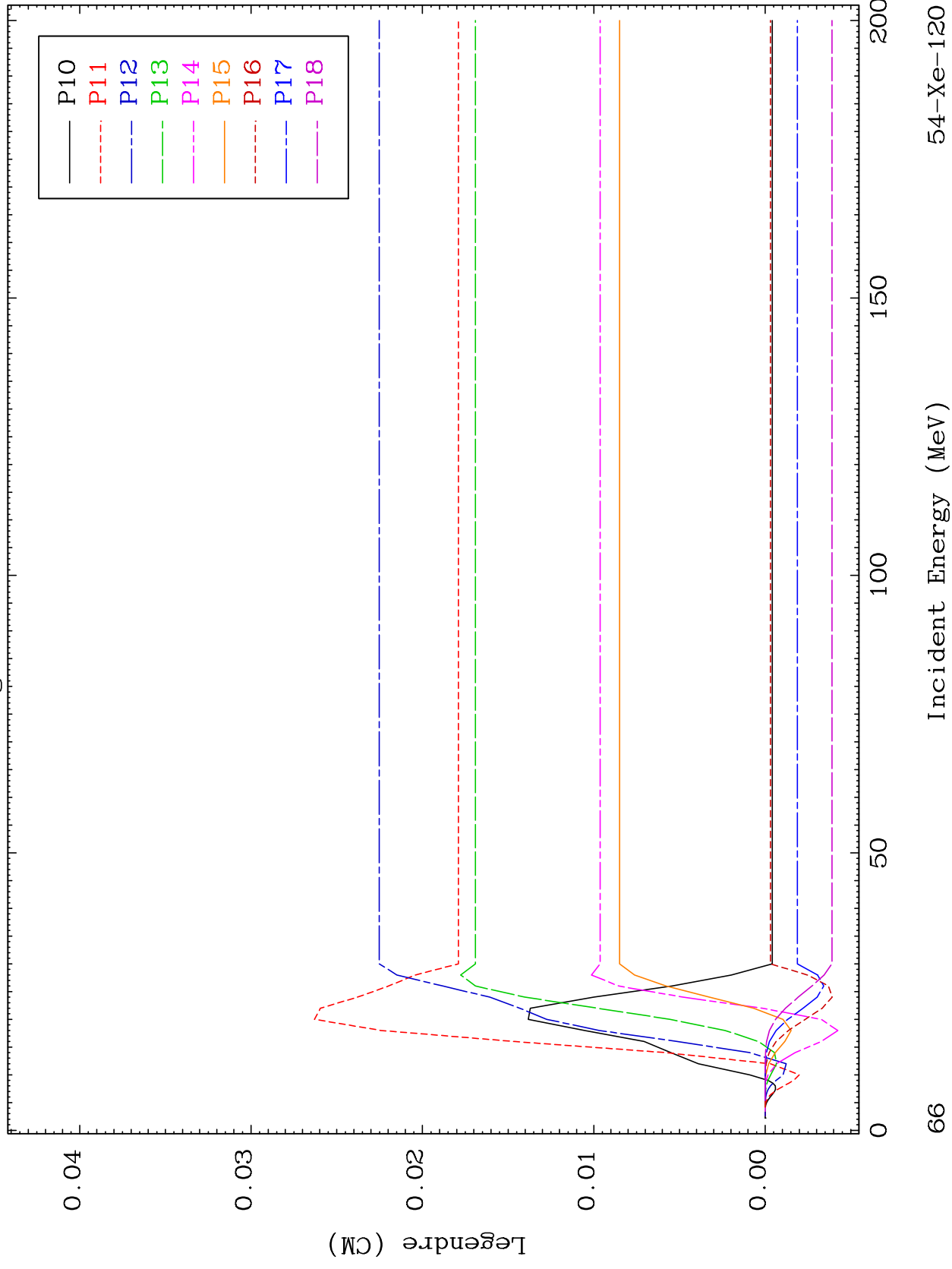
54-Xe-120

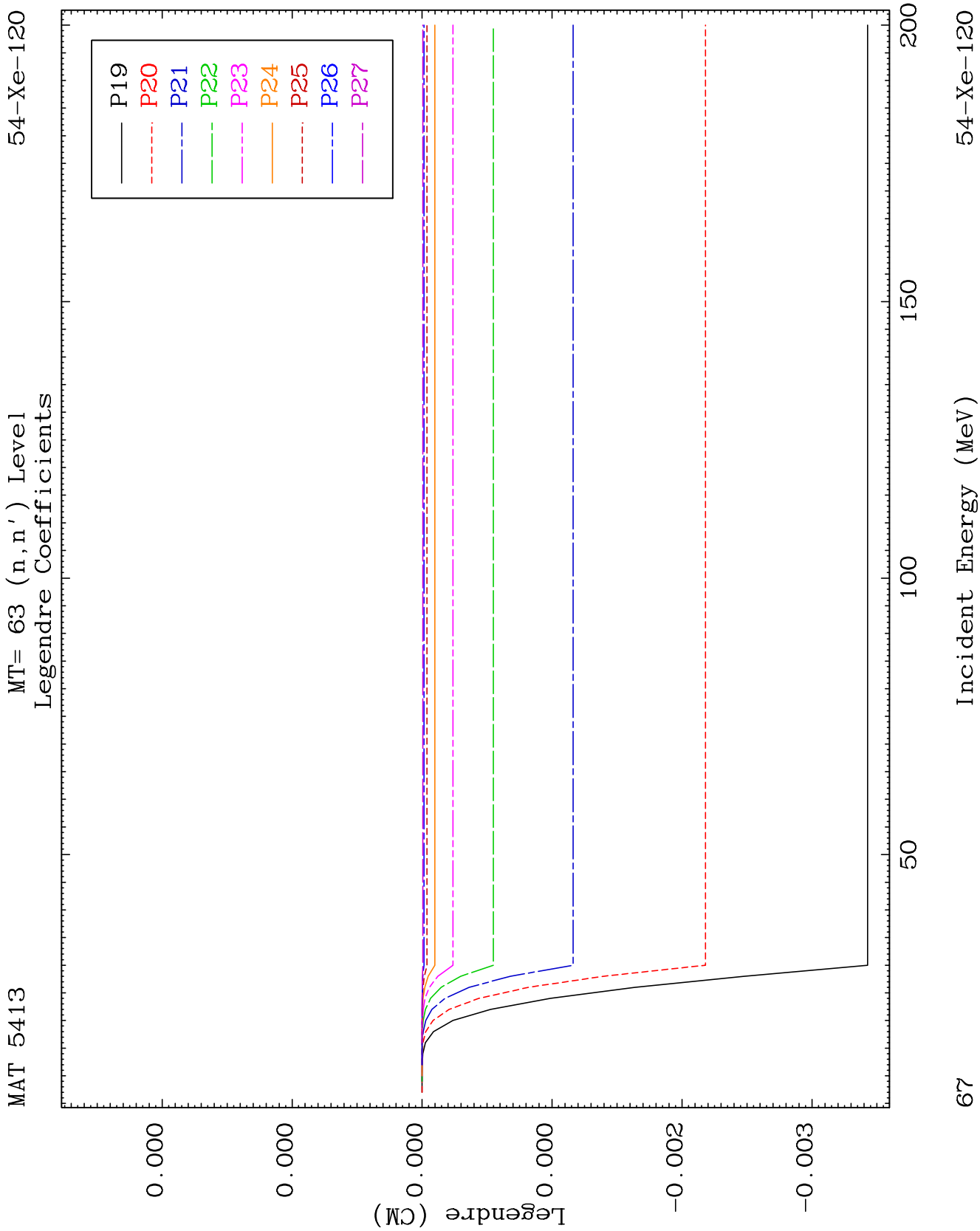


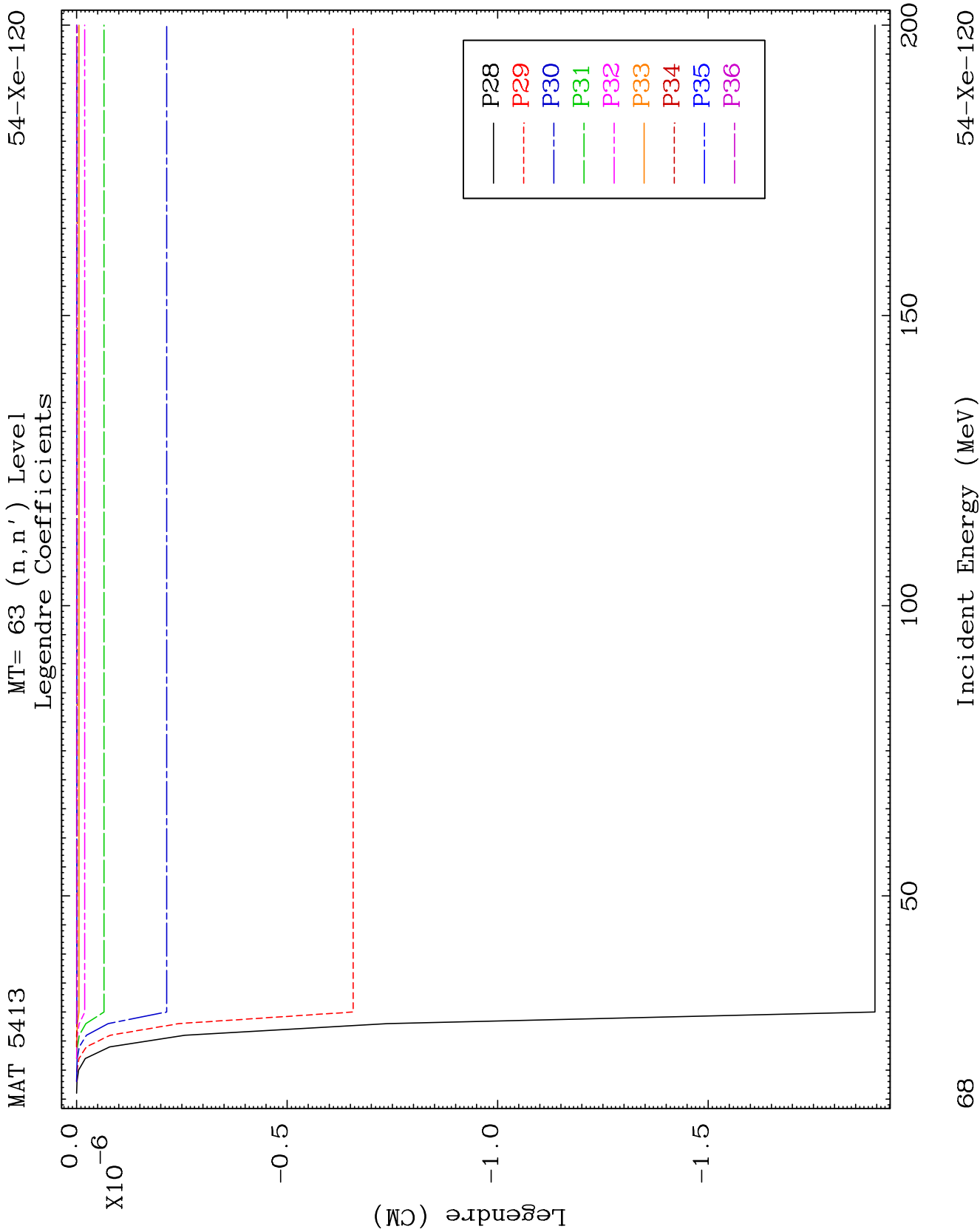
MAT 5413

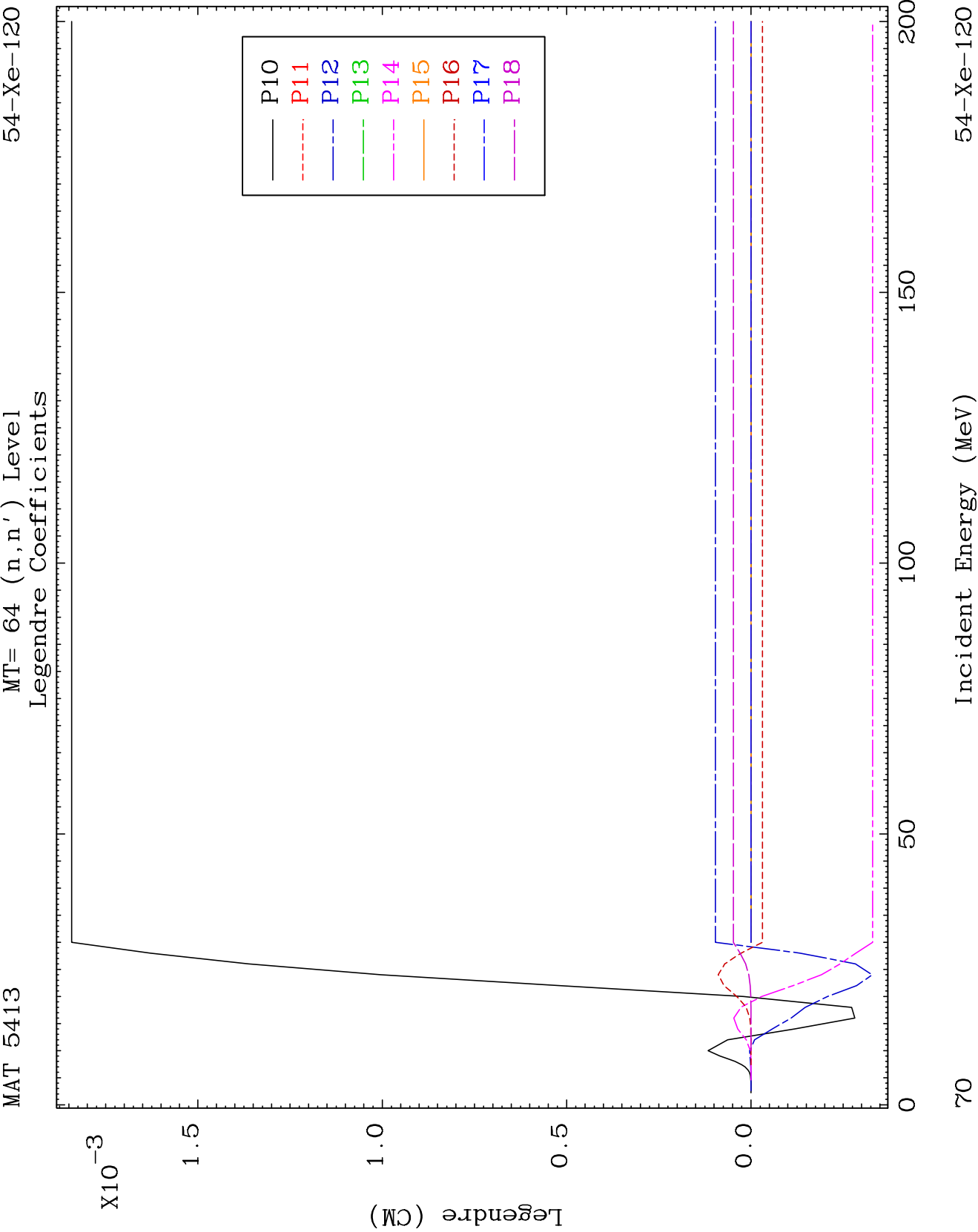
MT= 63 (n, n') Level
Legendre Coefficients

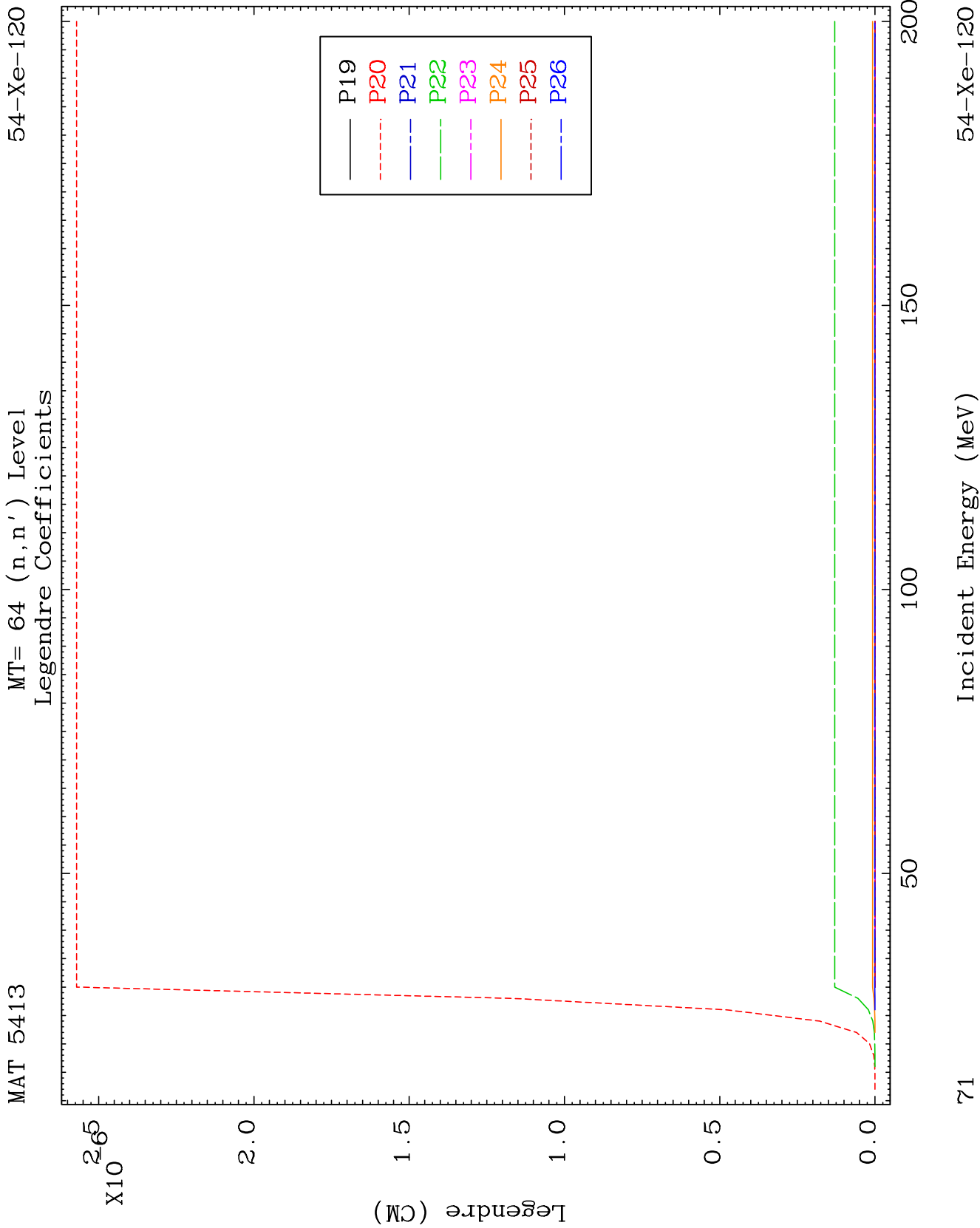
54-Xe-120

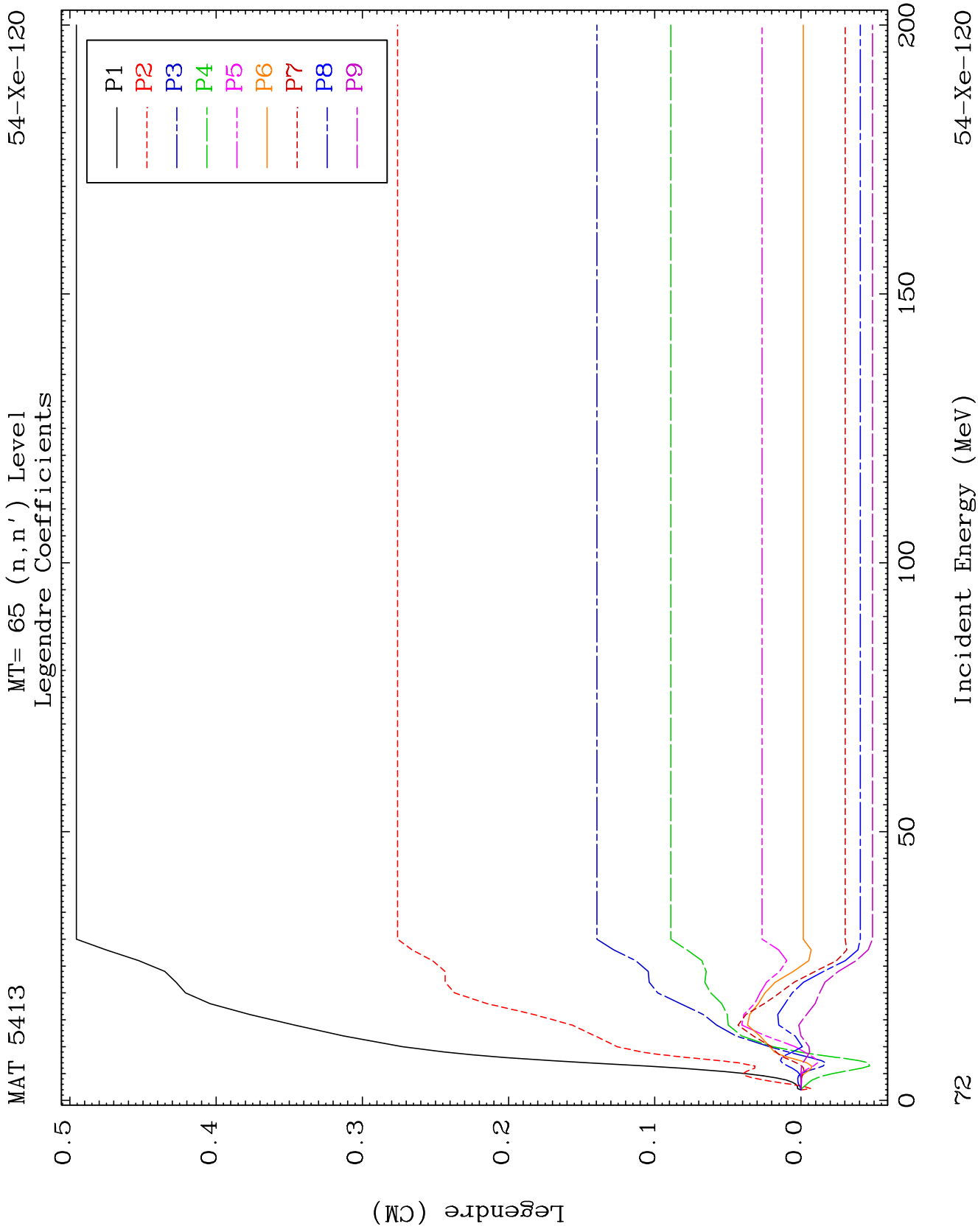


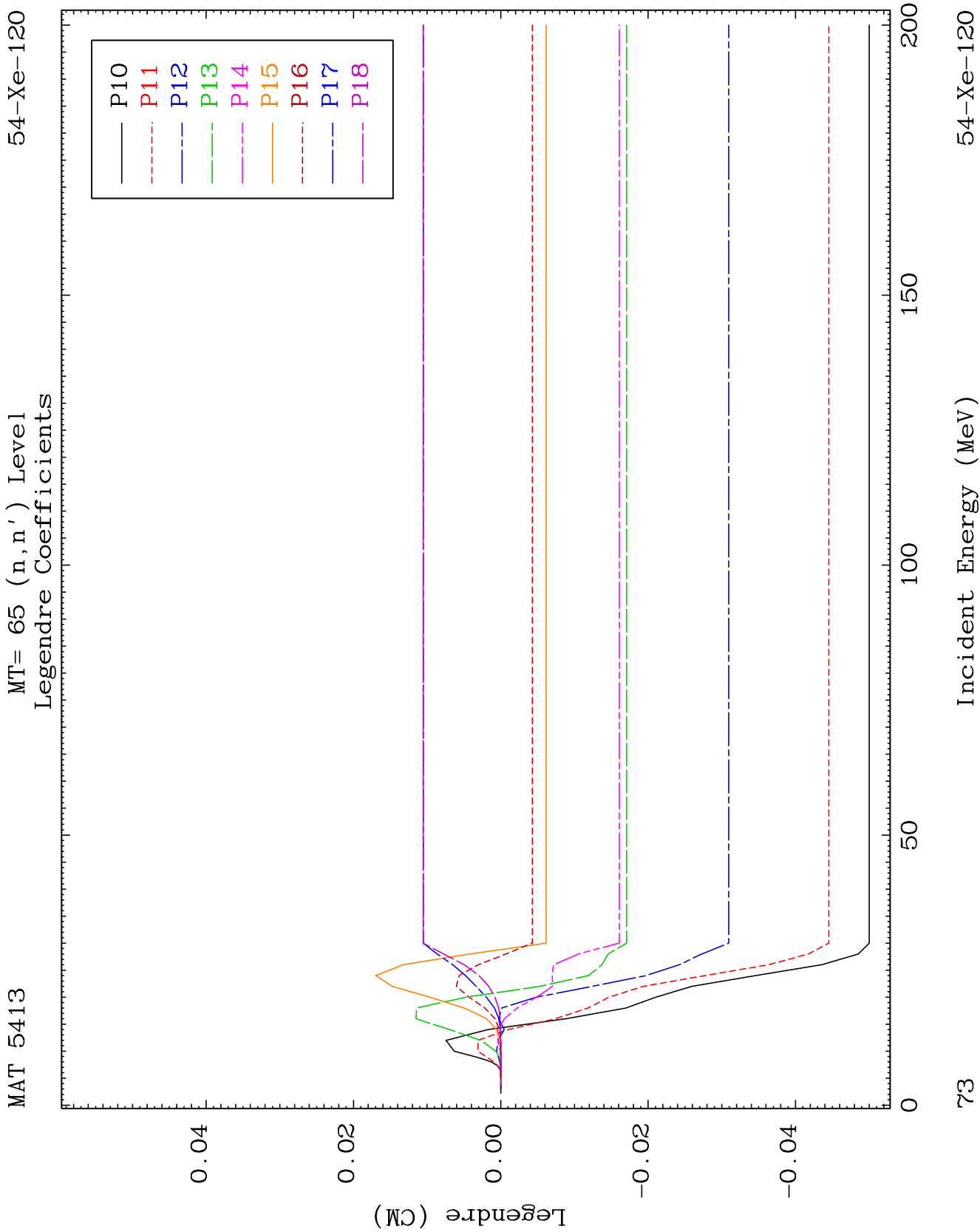








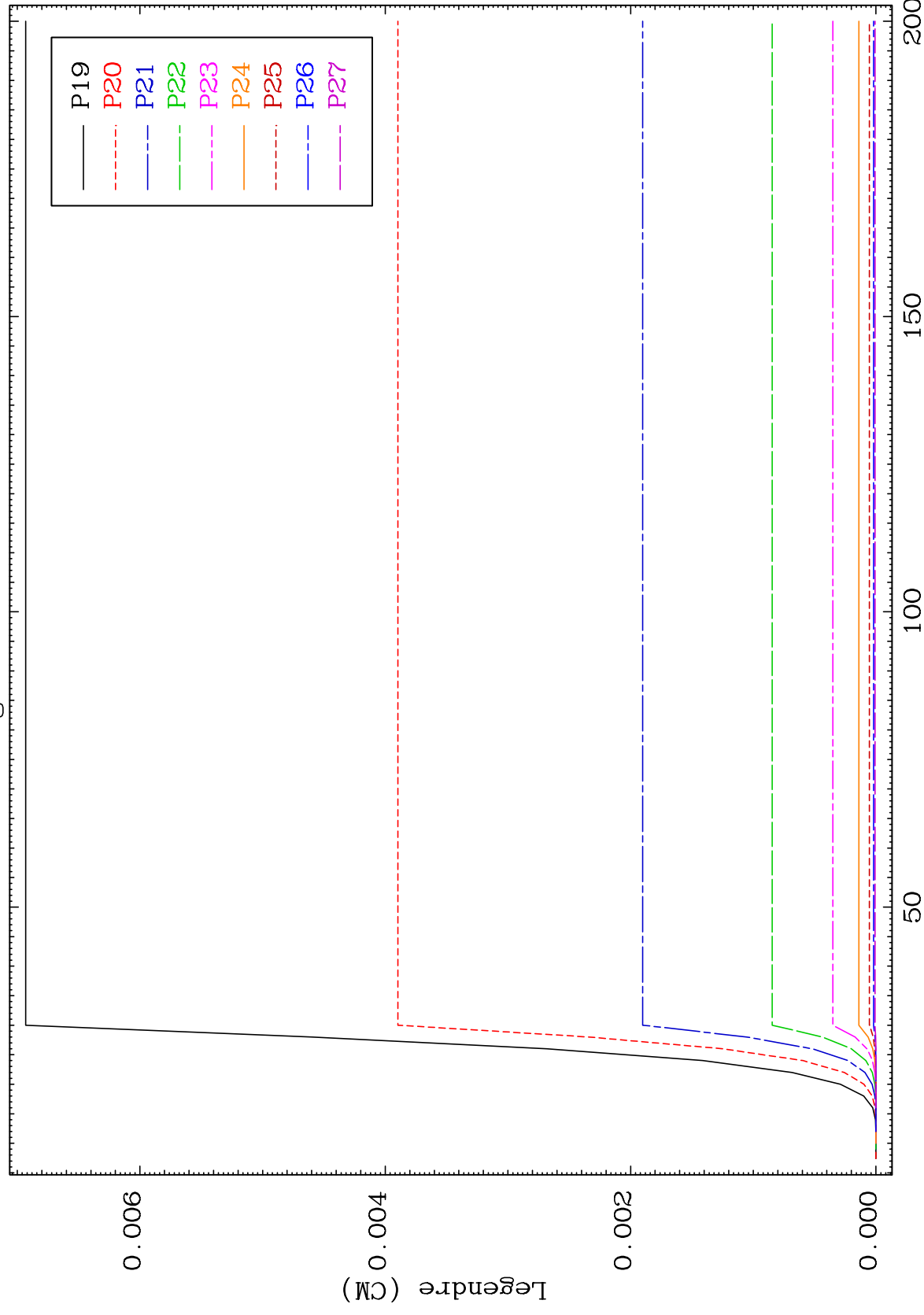




MAT 5413

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

54-Xe-120



42

Incident Energy (MeV)

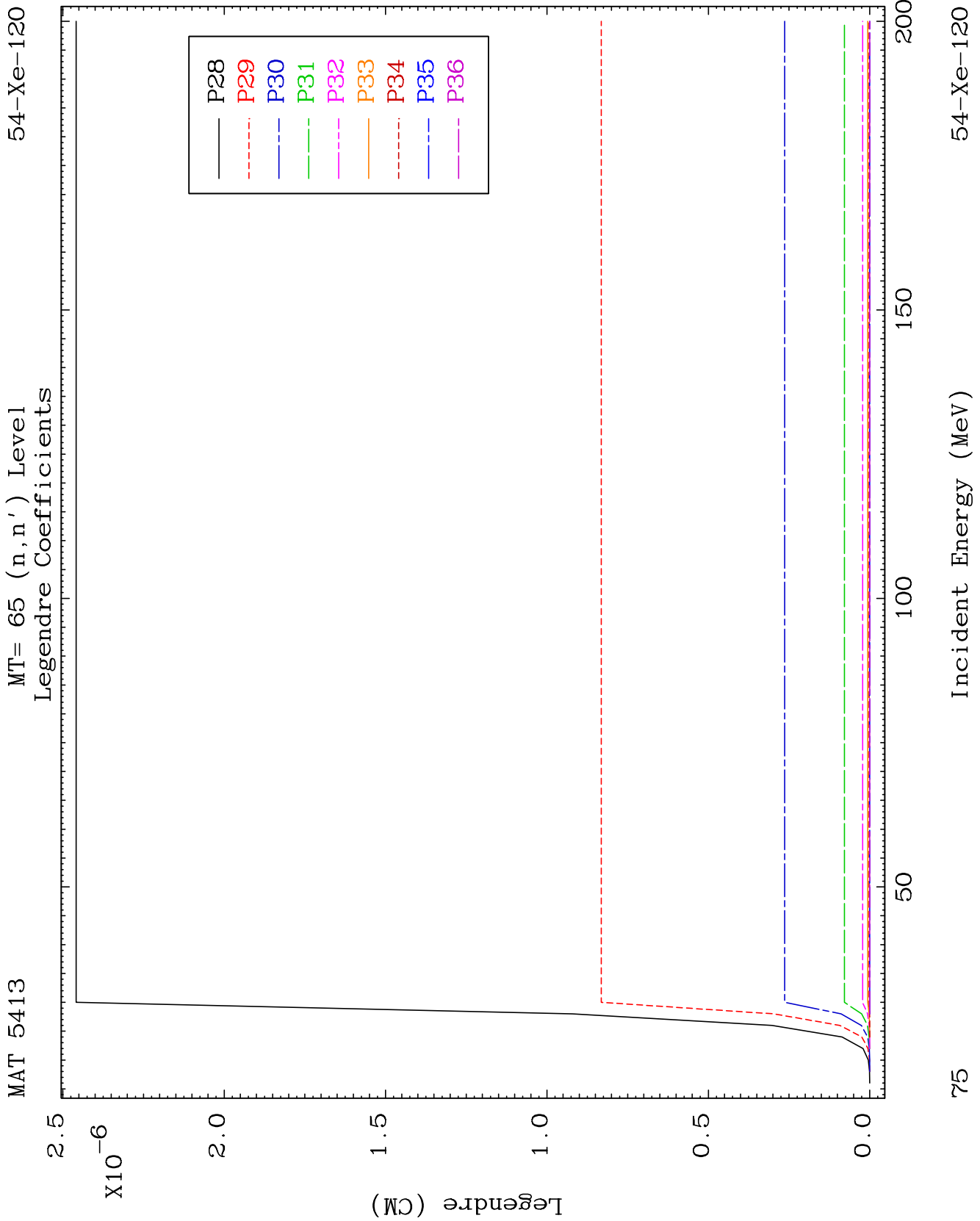
54-Xe-120

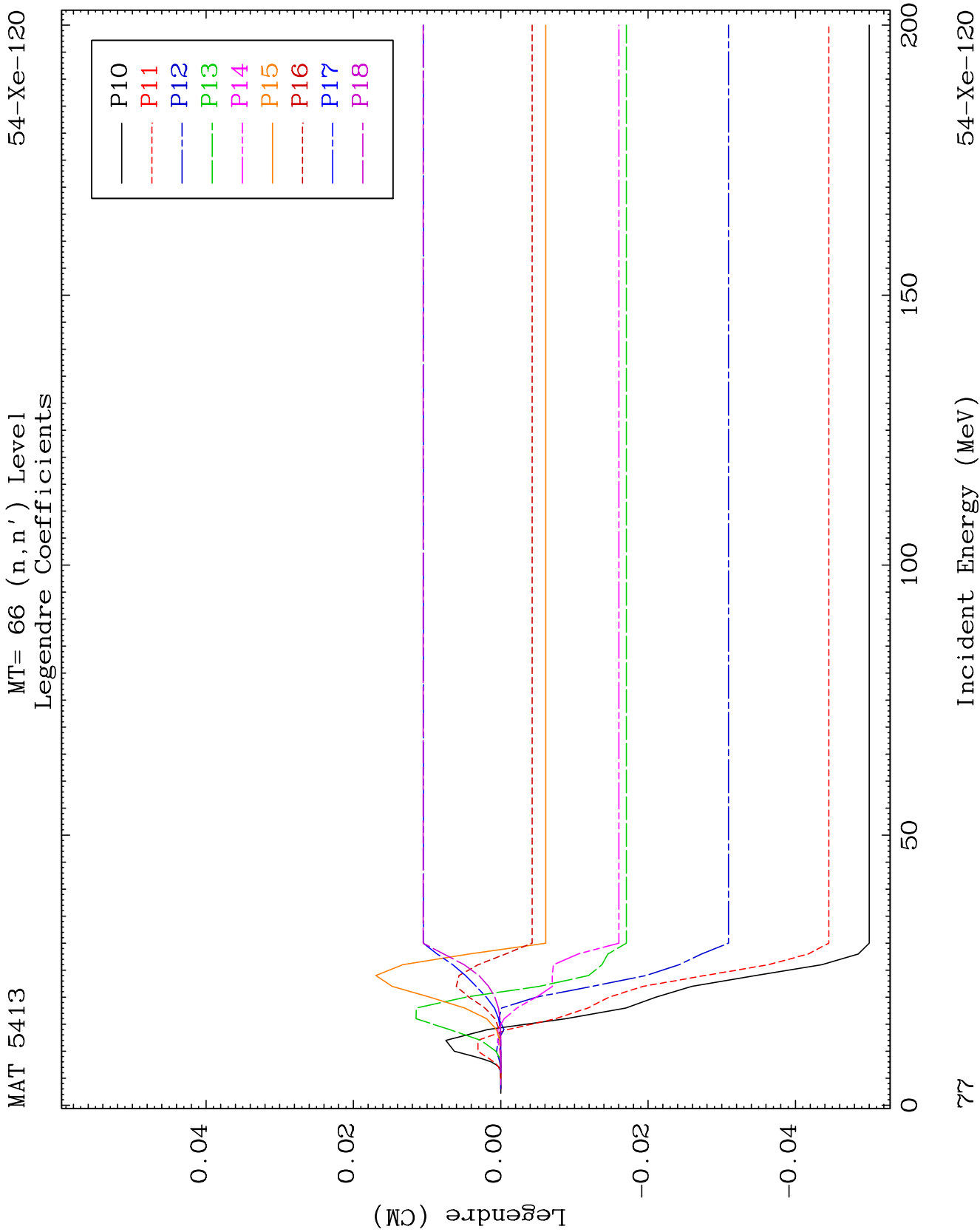
200

150

100

50

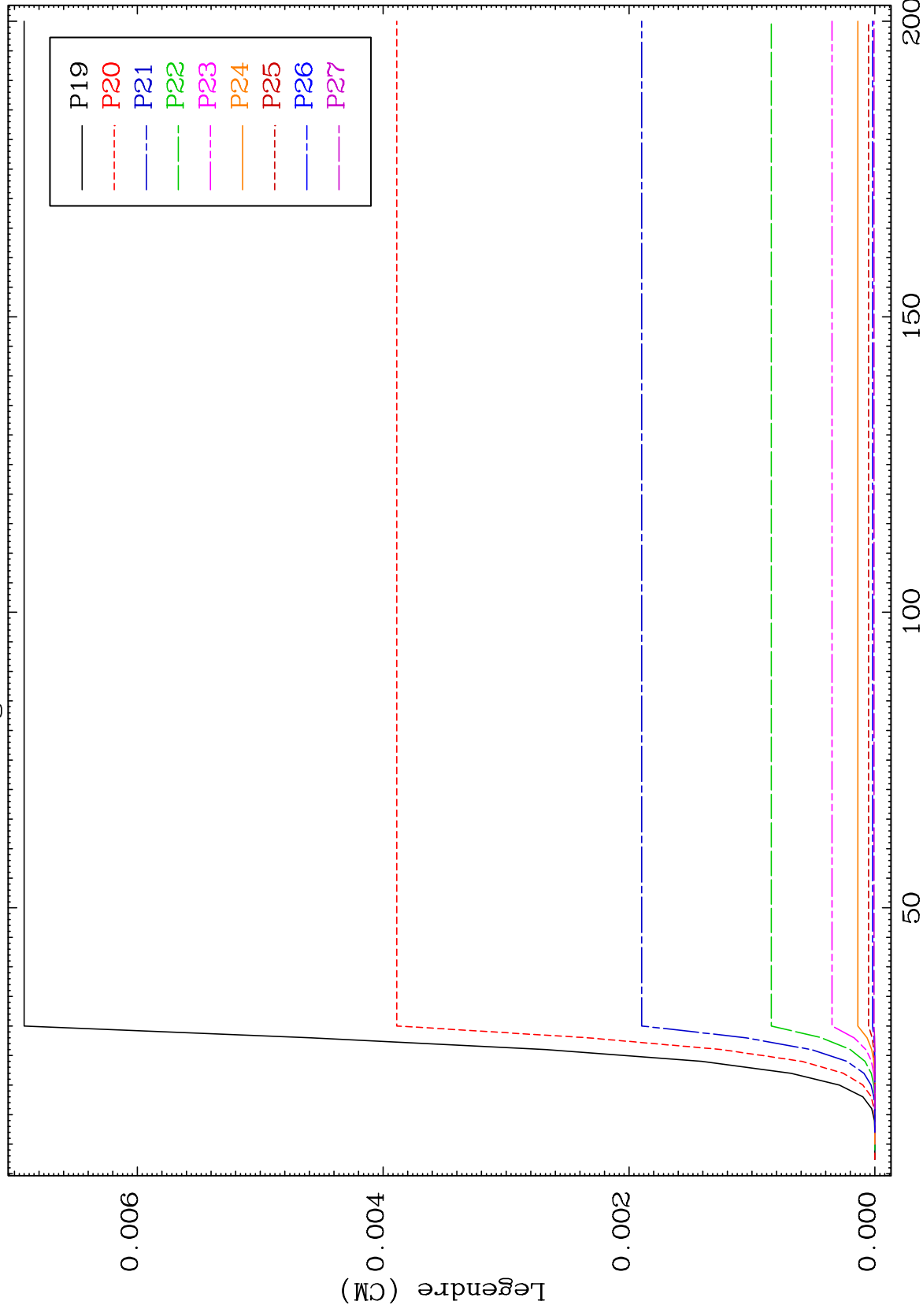




MAT 5413

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

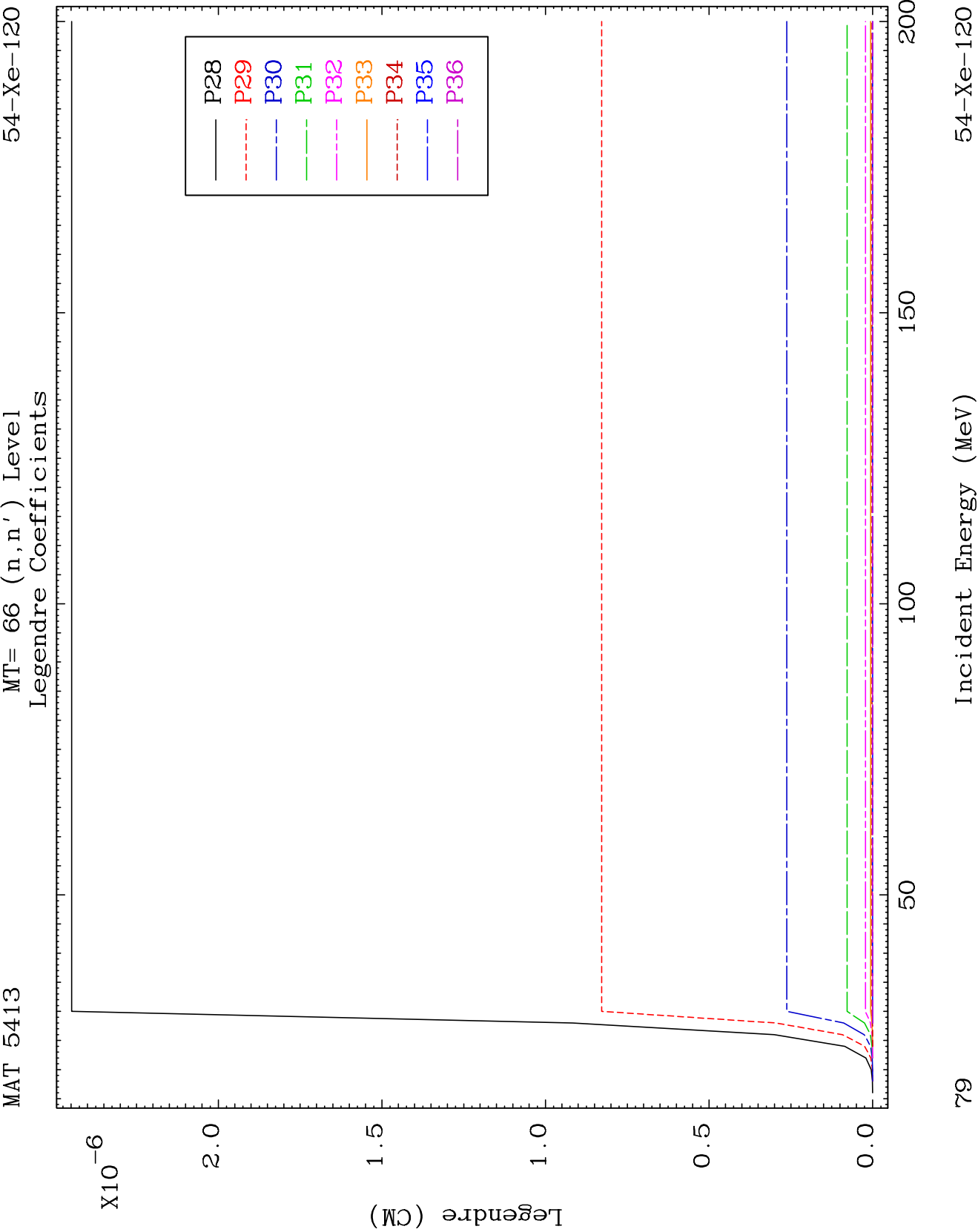
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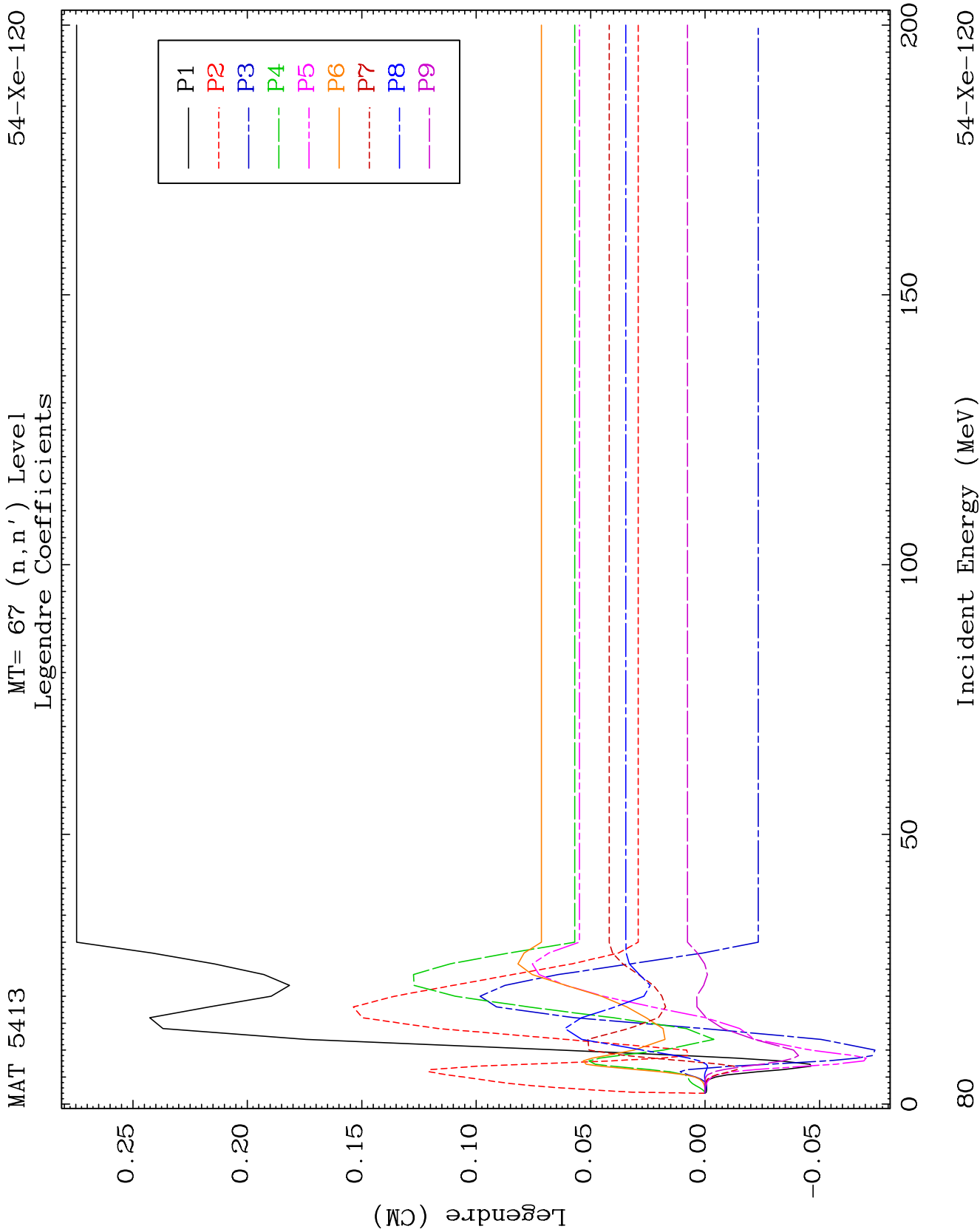


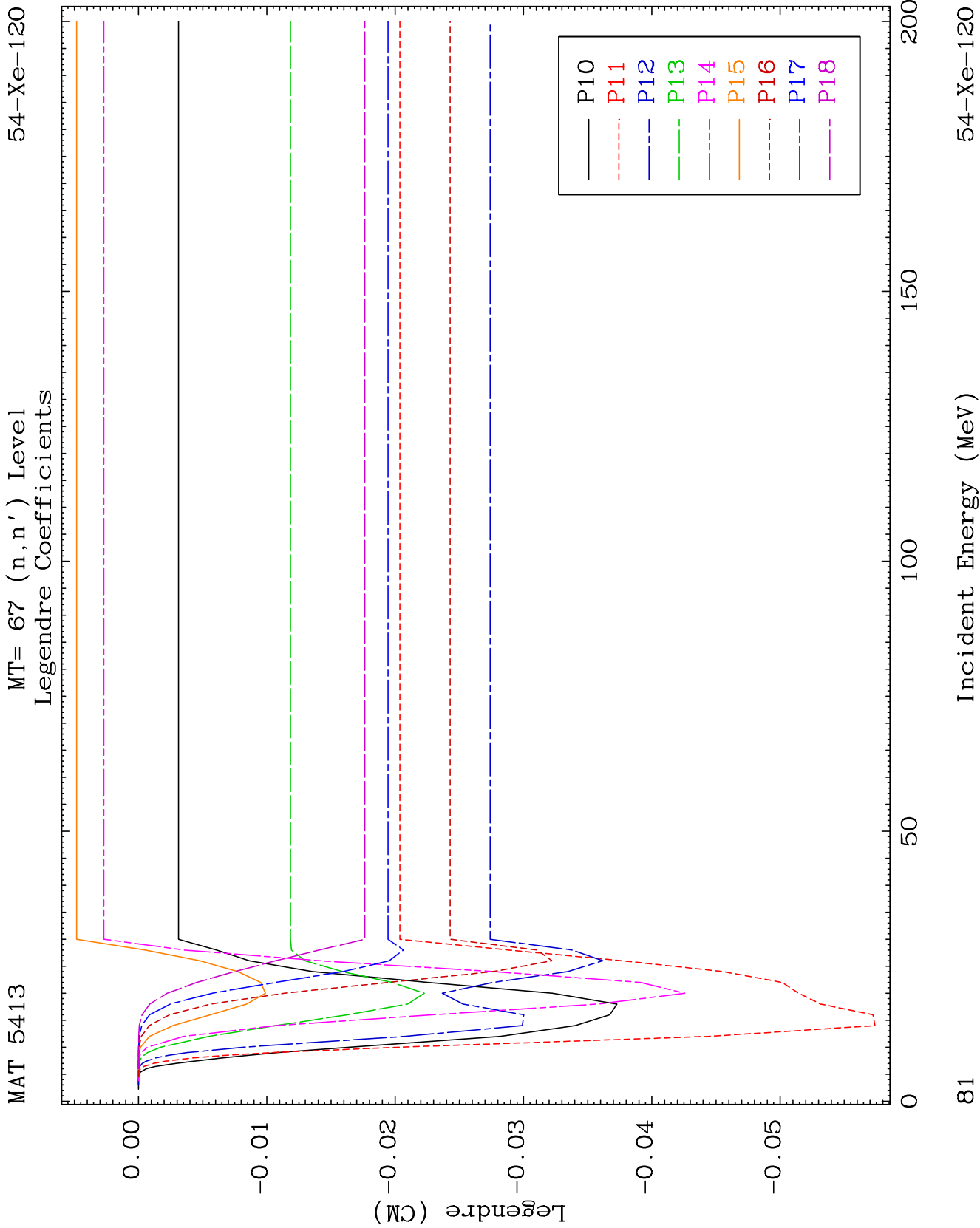
82

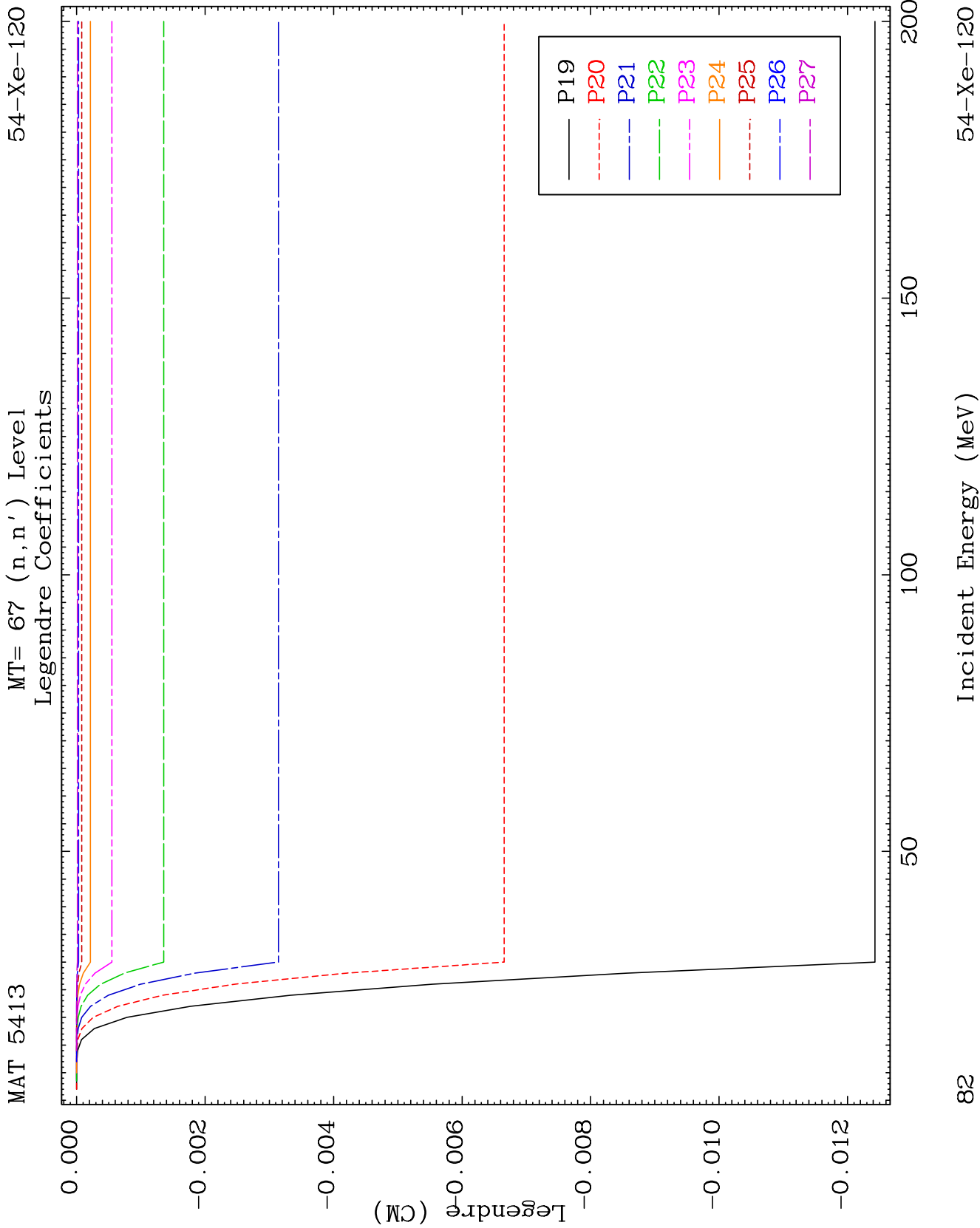
Incident Energy (MeV)

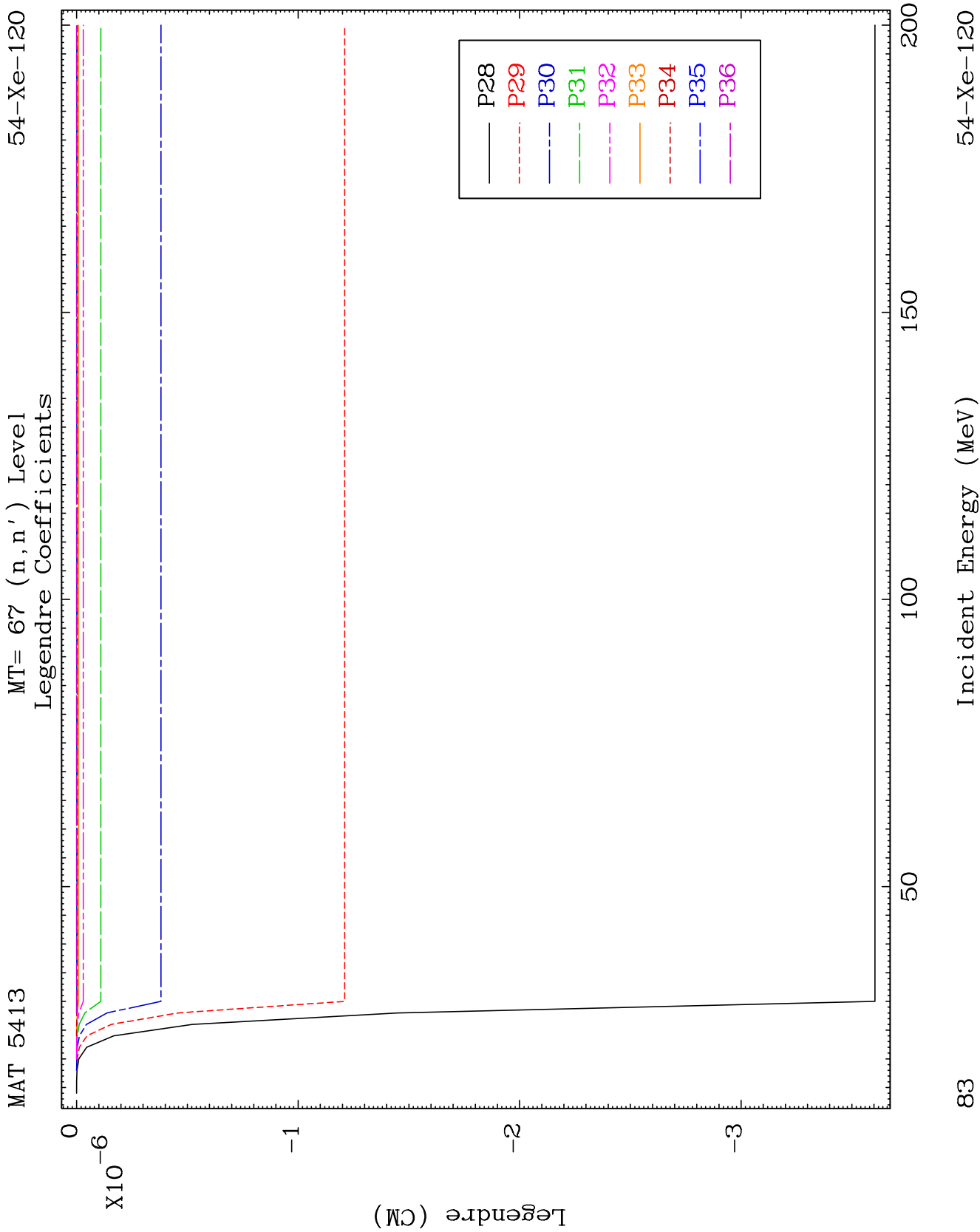
54-Xe-120

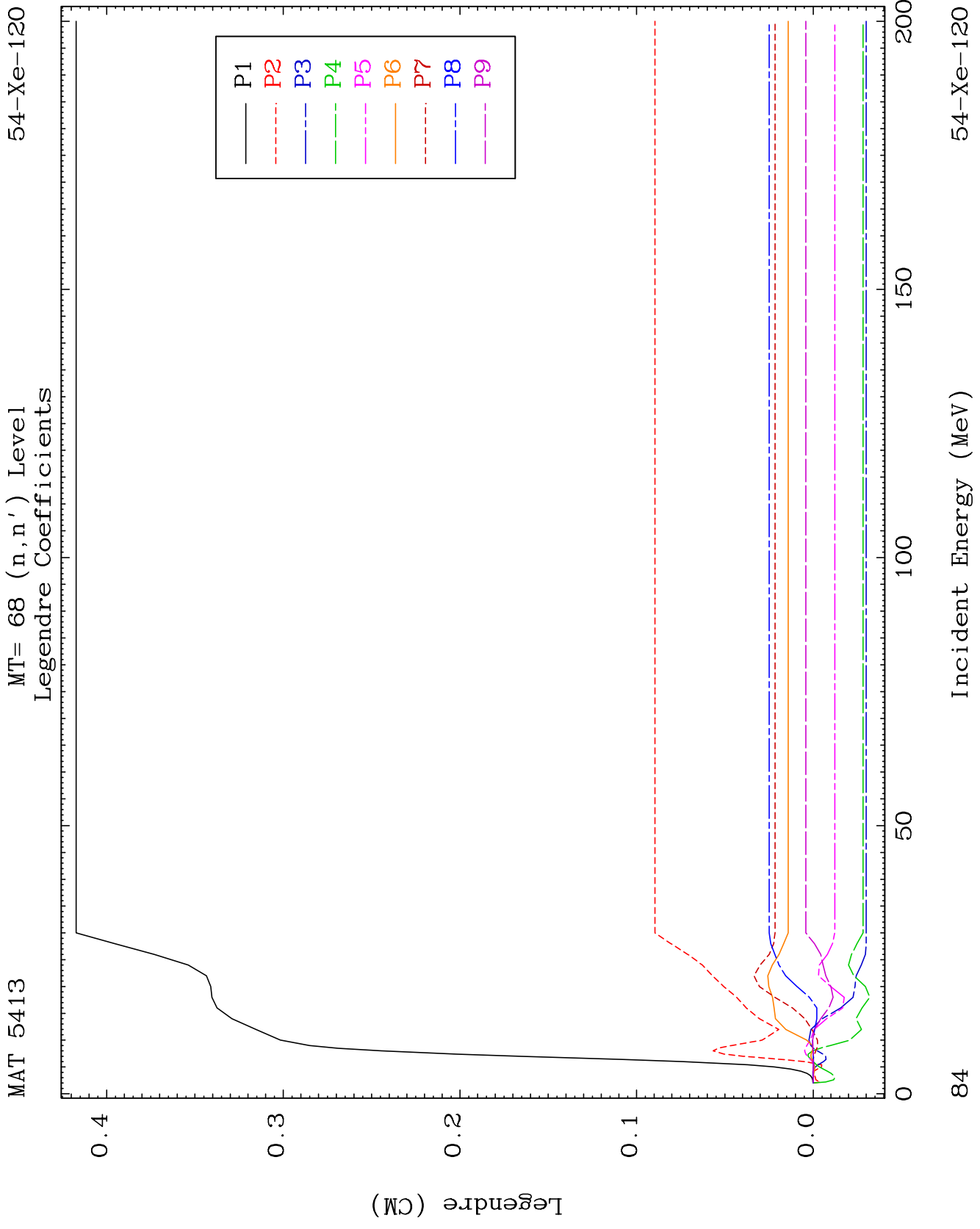


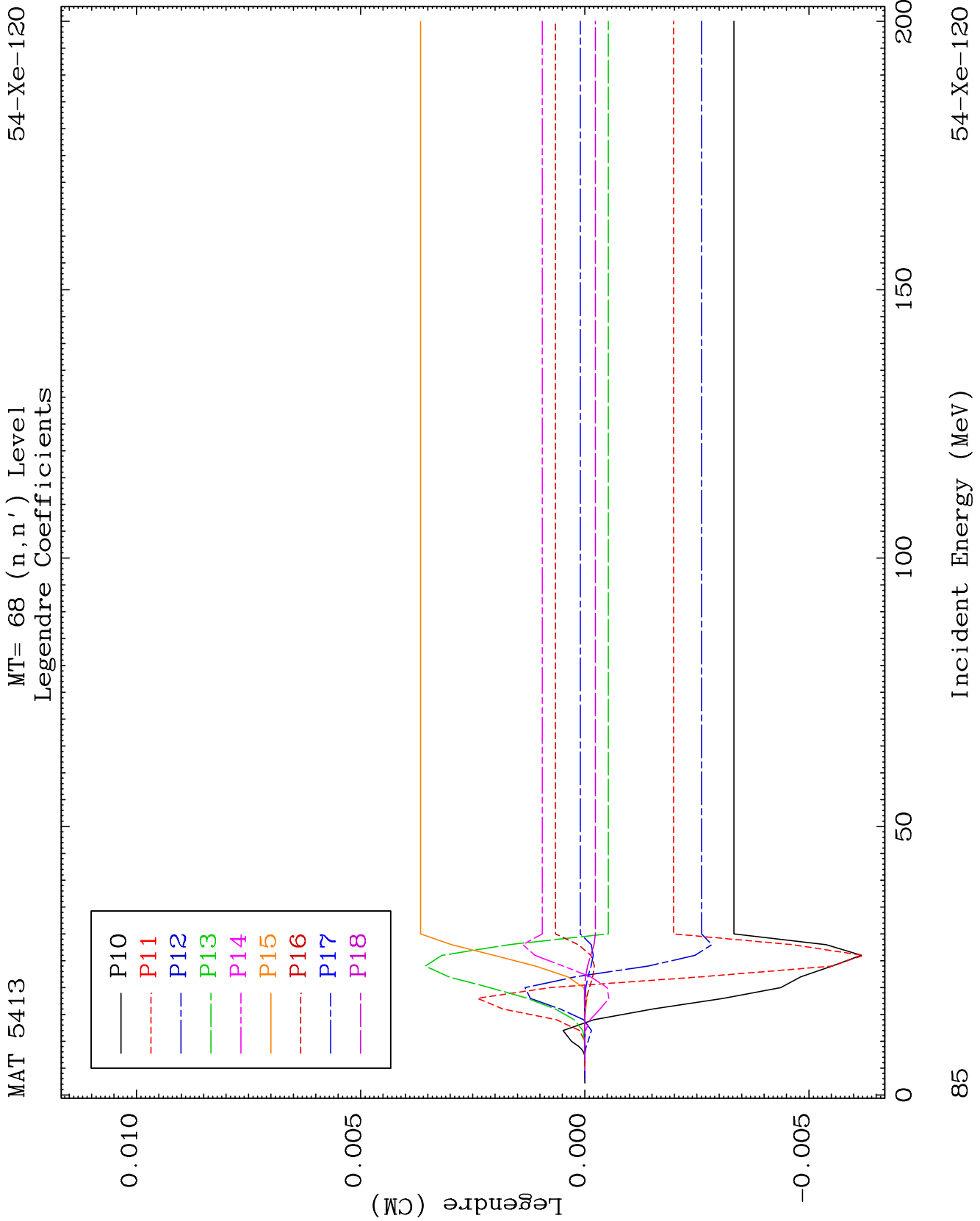


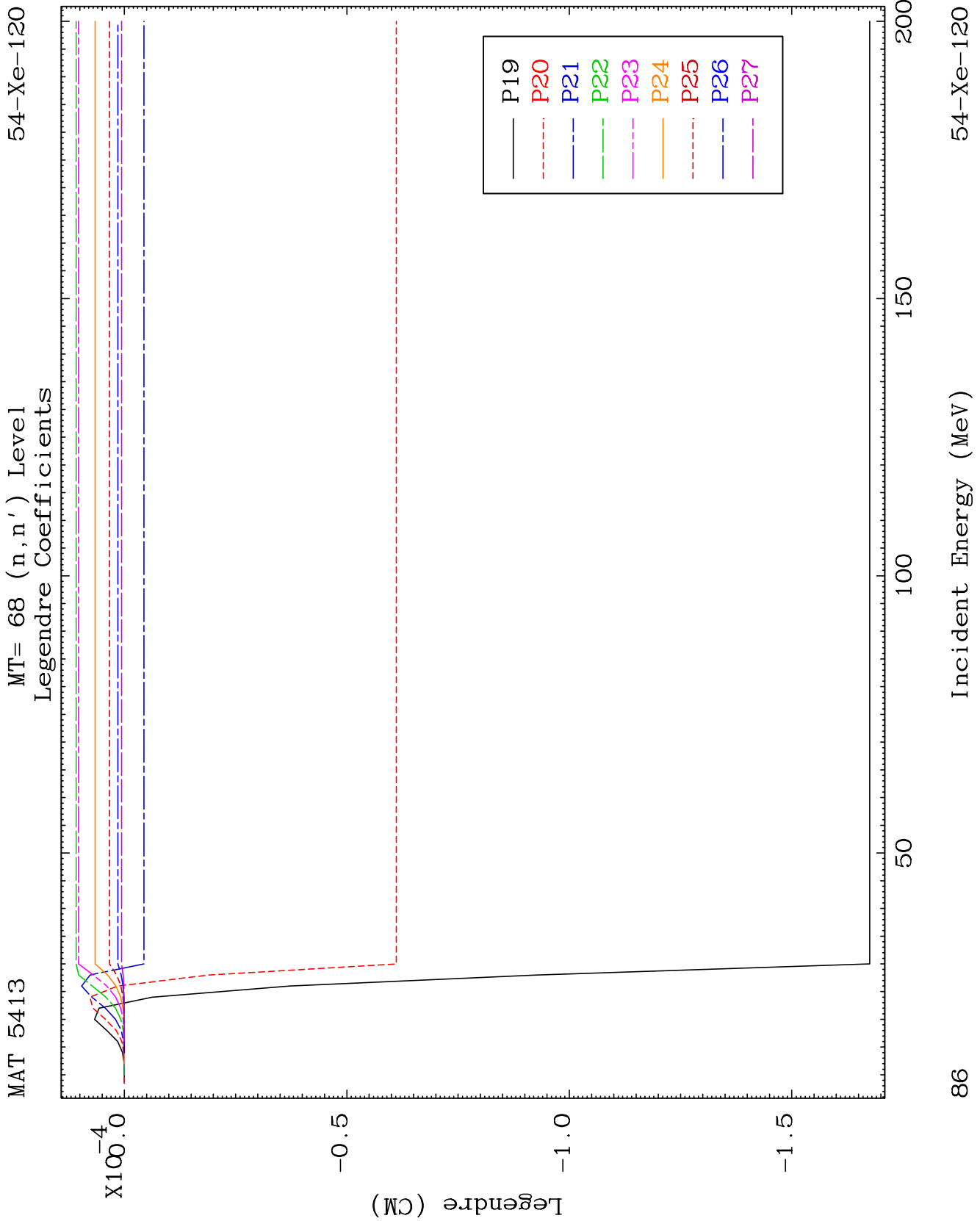


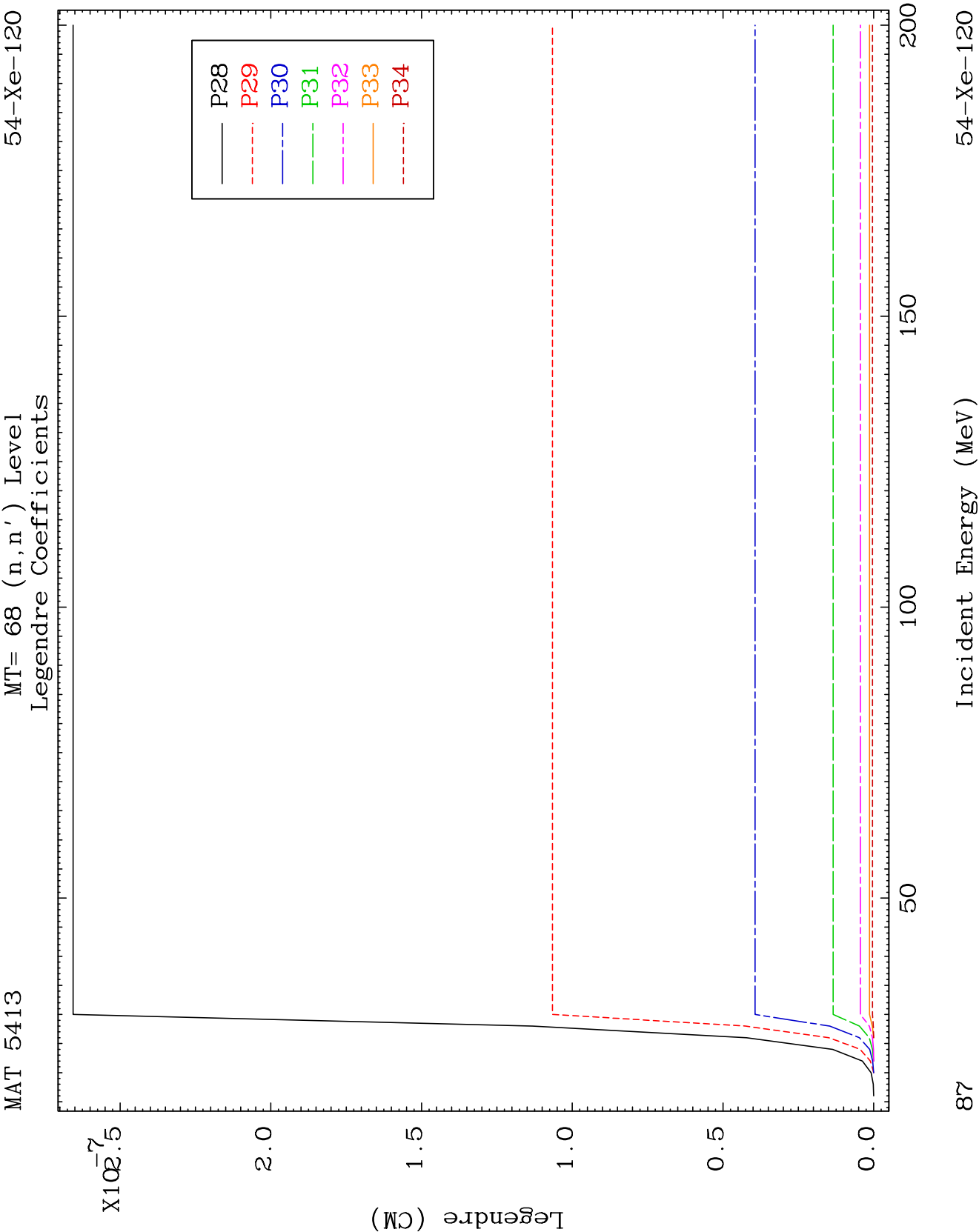


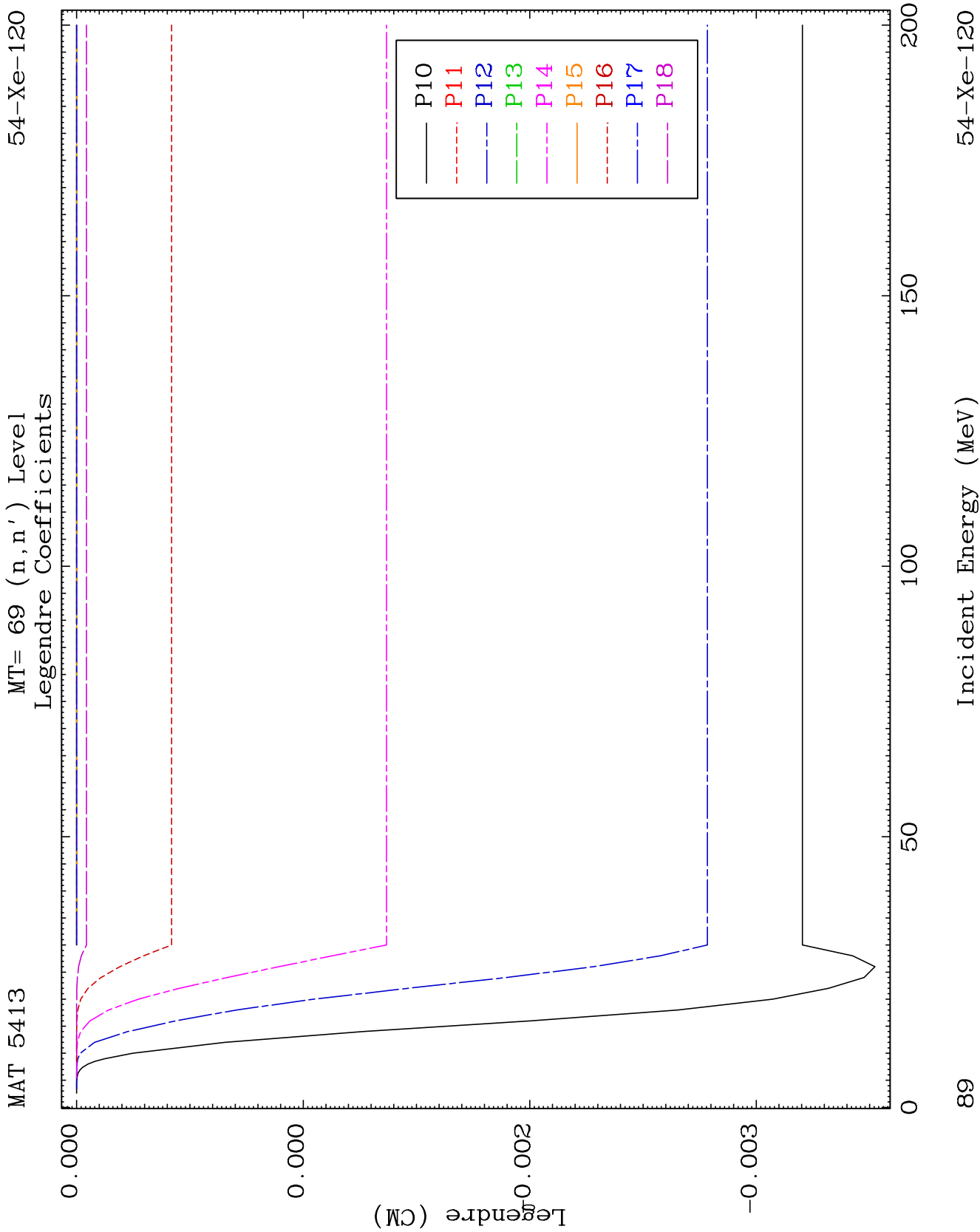


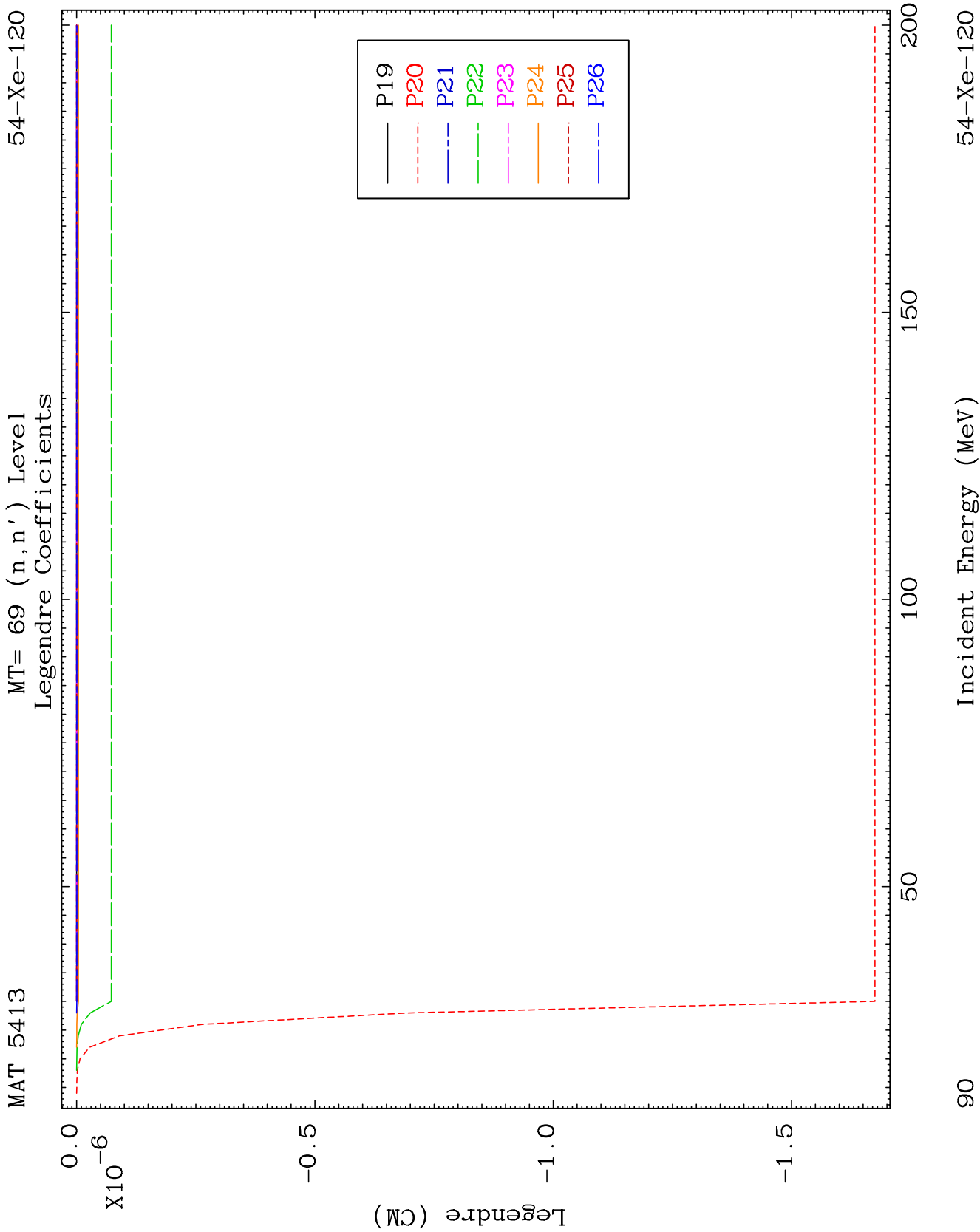








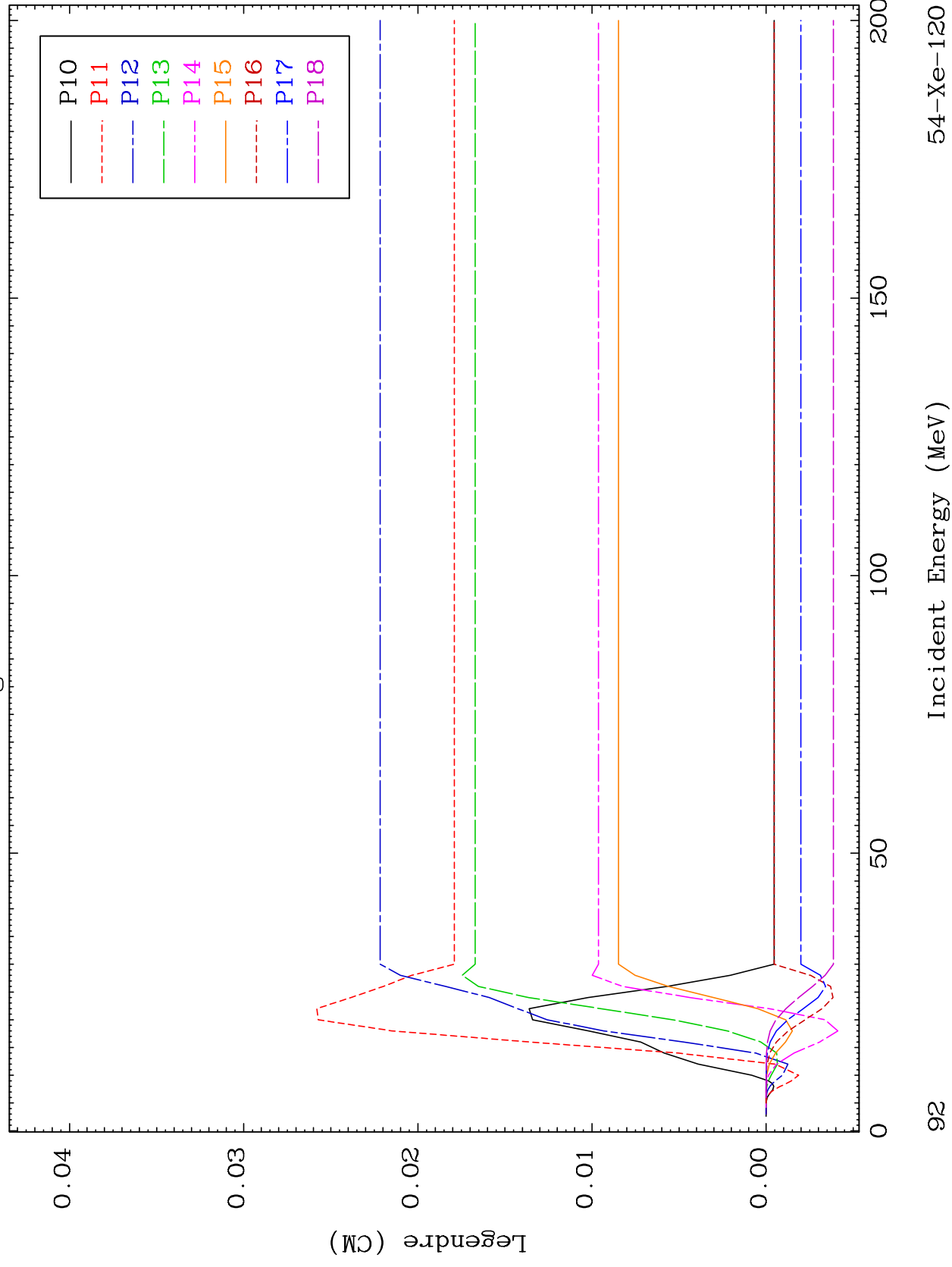


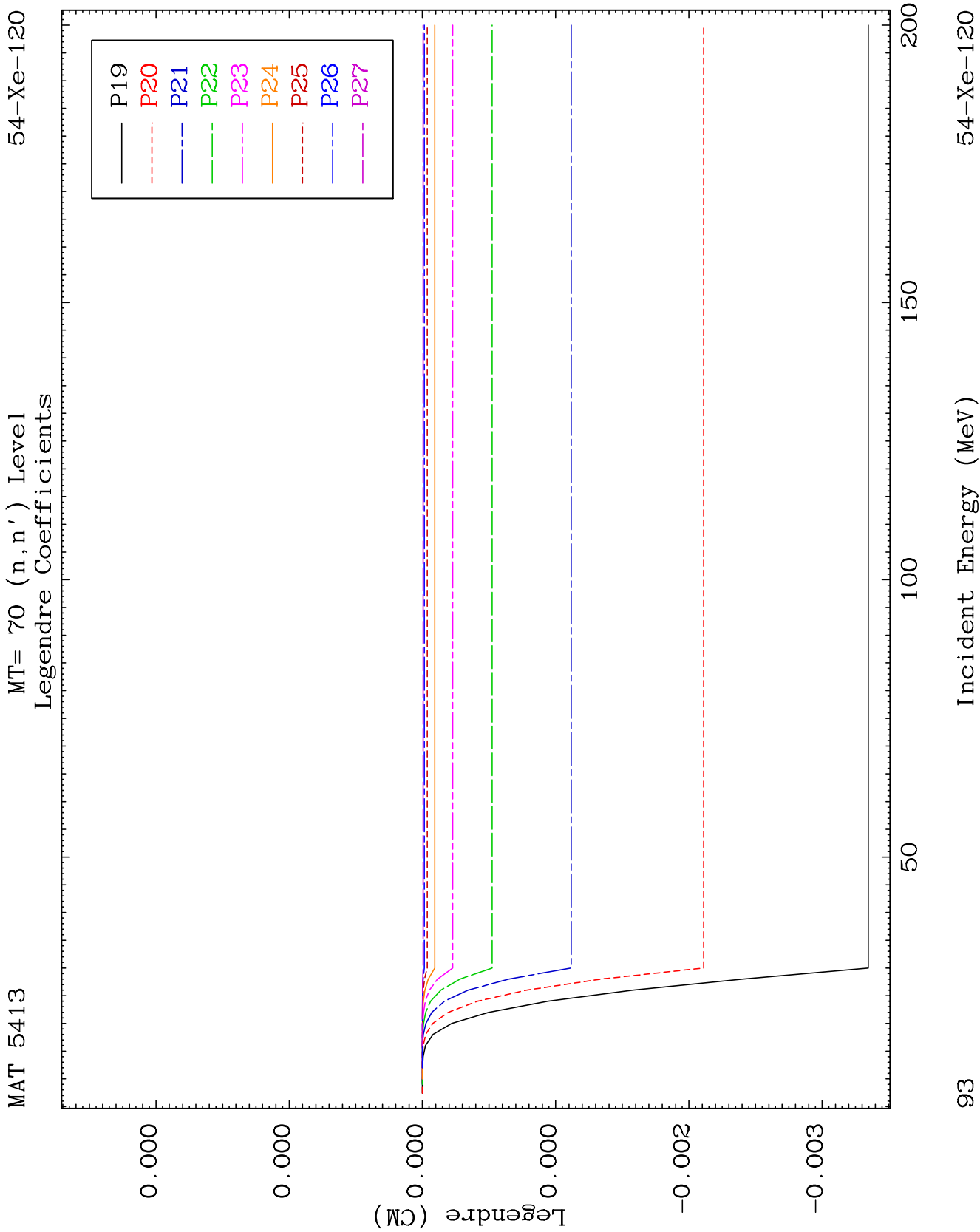


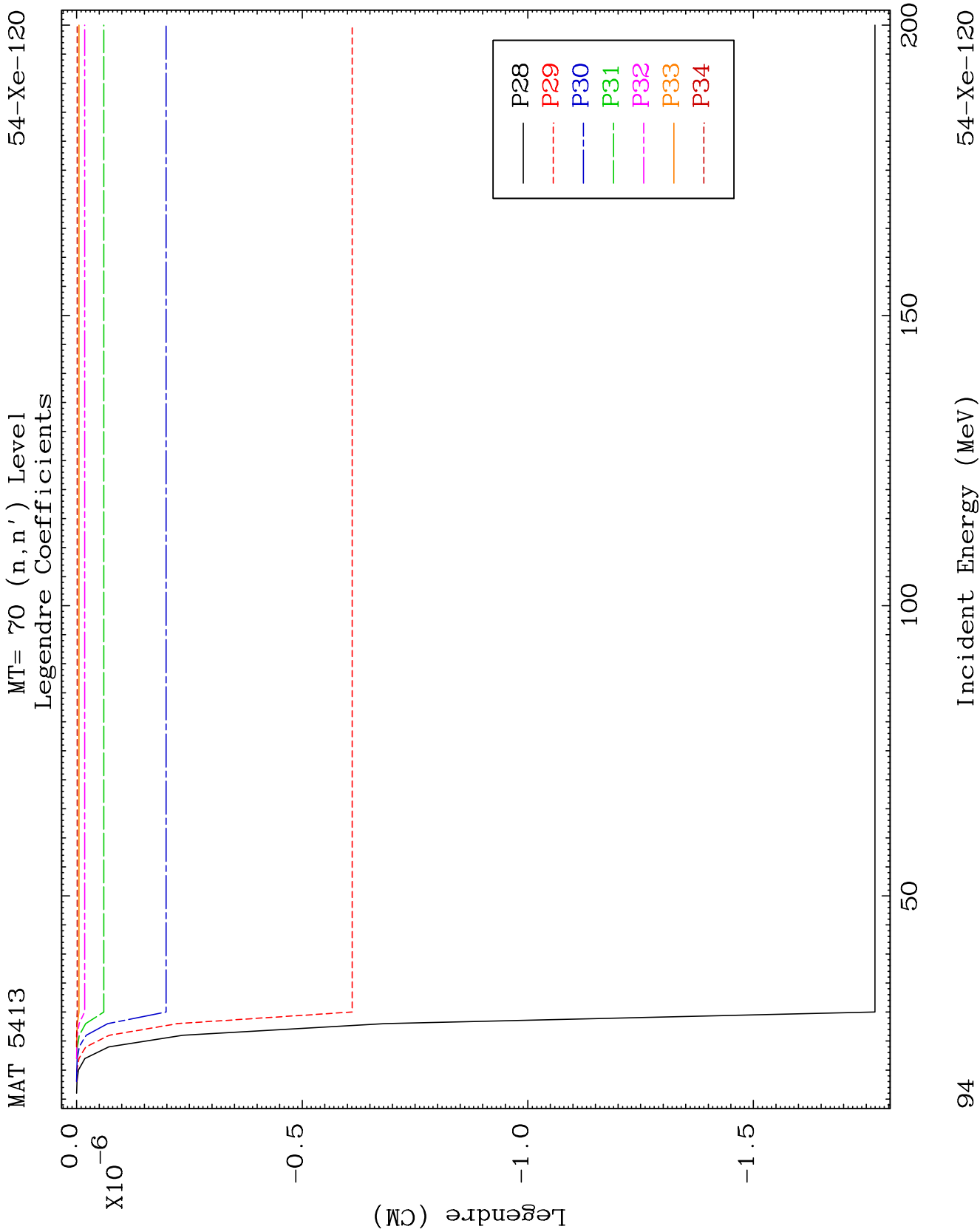
MAT 5413

MT= 70 (n, n') Level
Legendre Coefficients

54-Xe-120



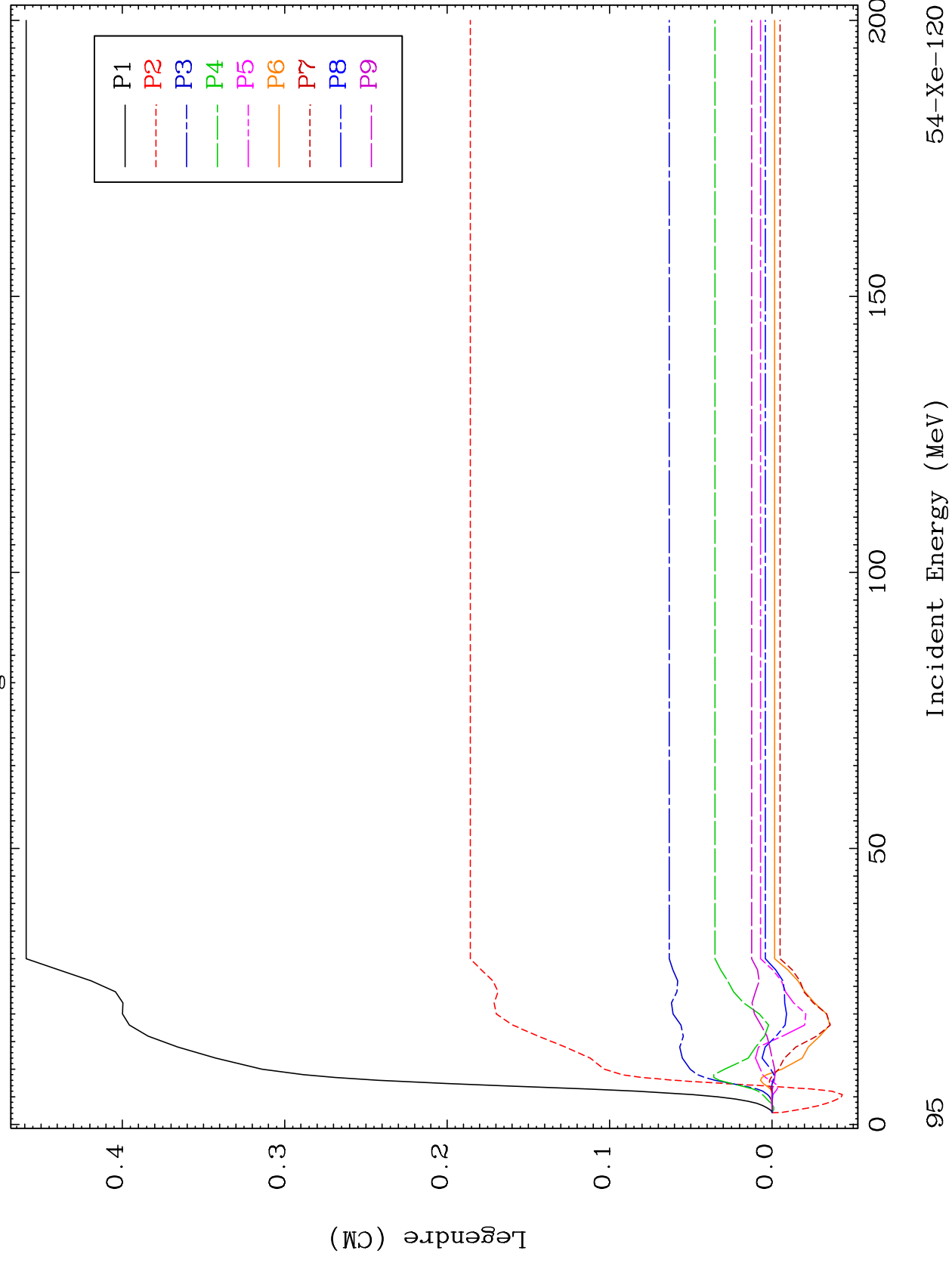




MAT 5413

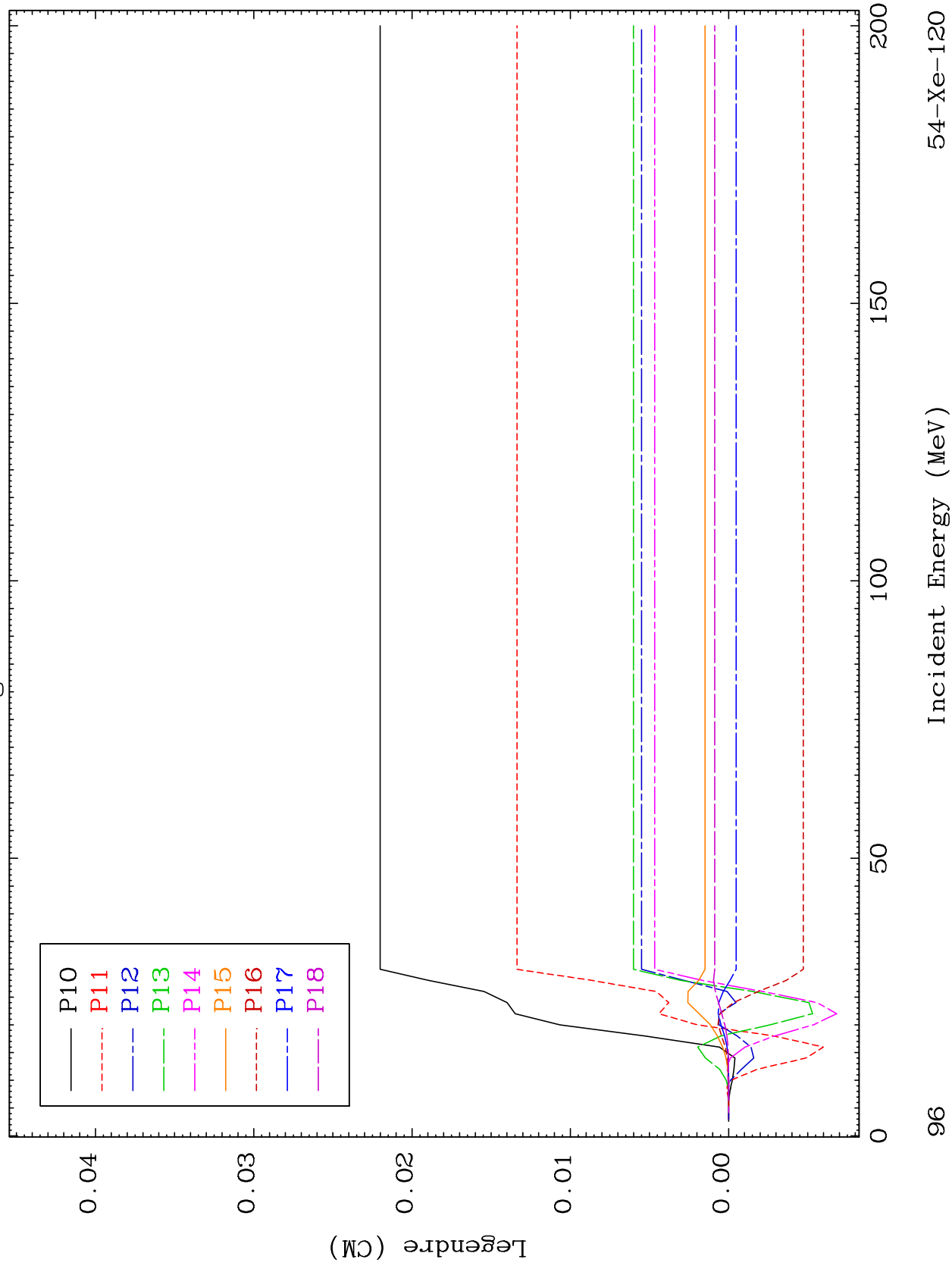
MT= 71 (n, n') Level
Legendre Coefficients

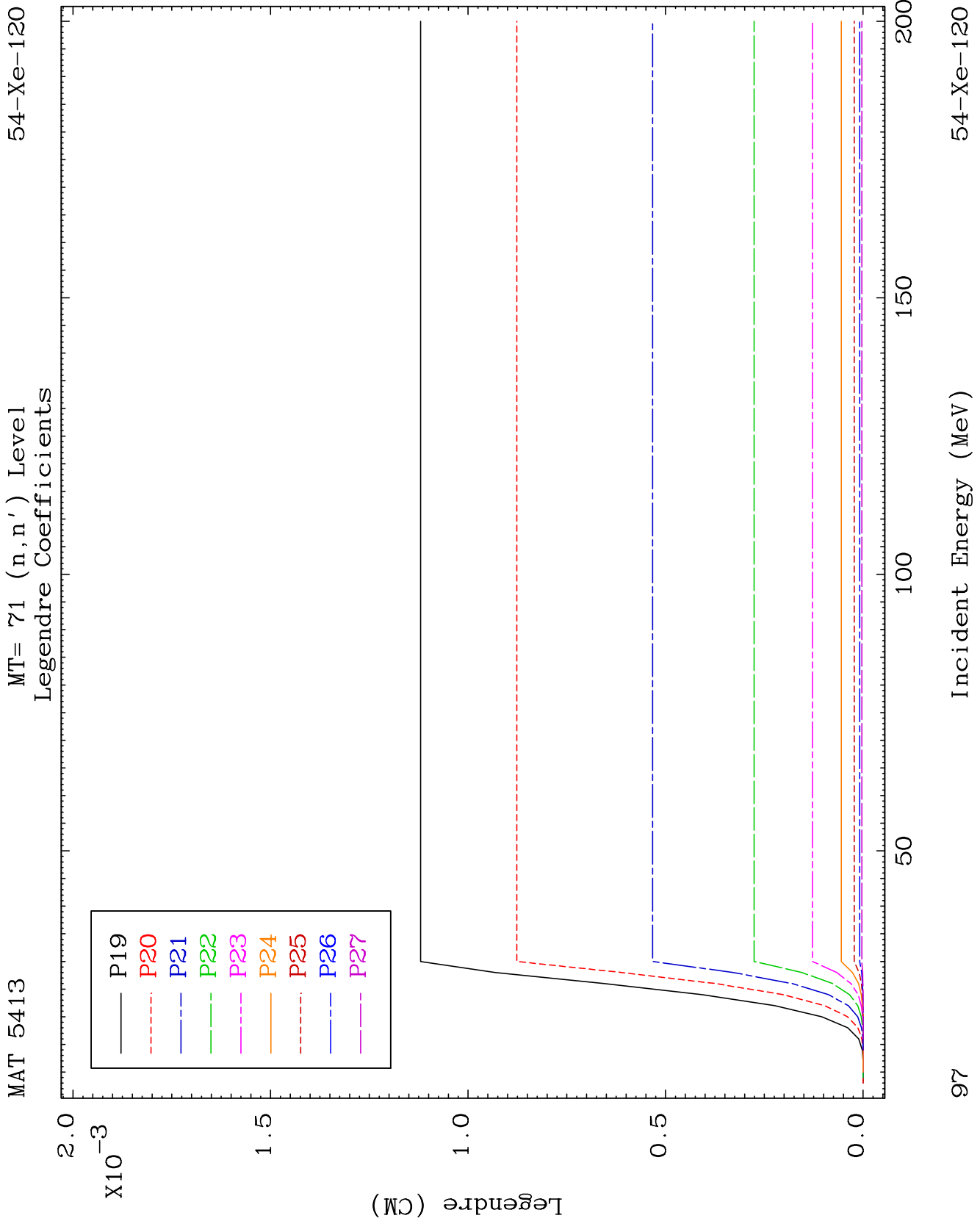
54-Xe-120

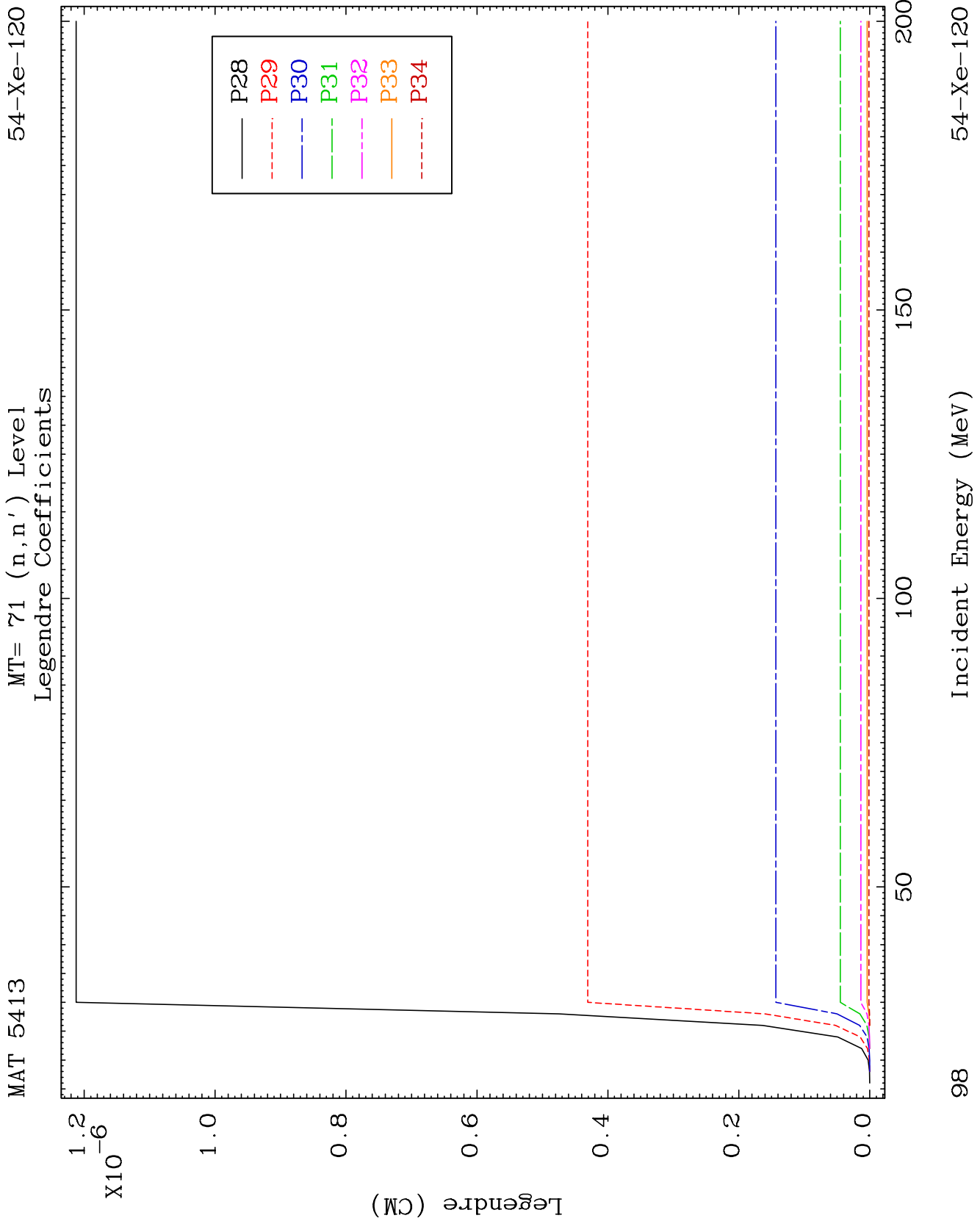


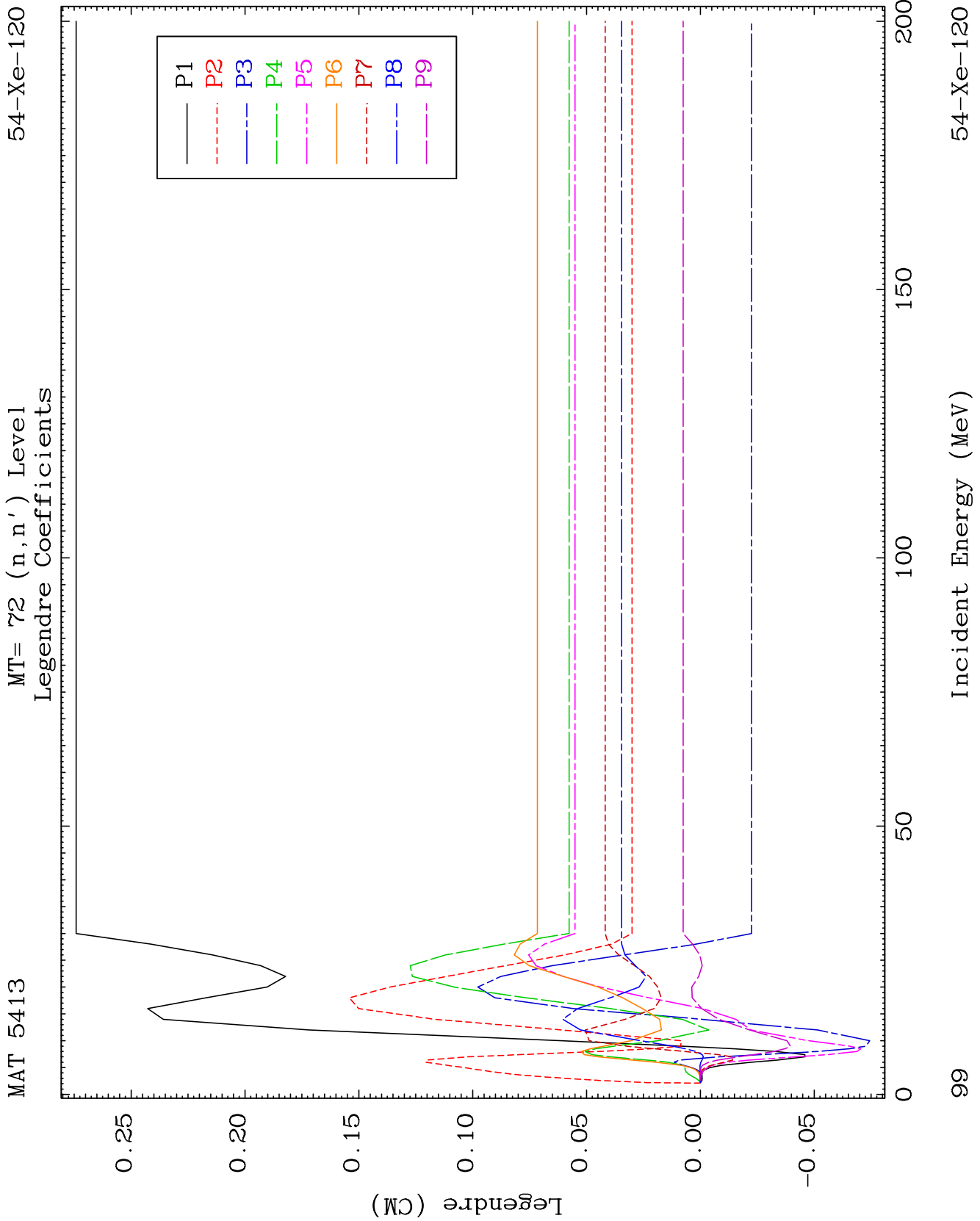
MAT 5413

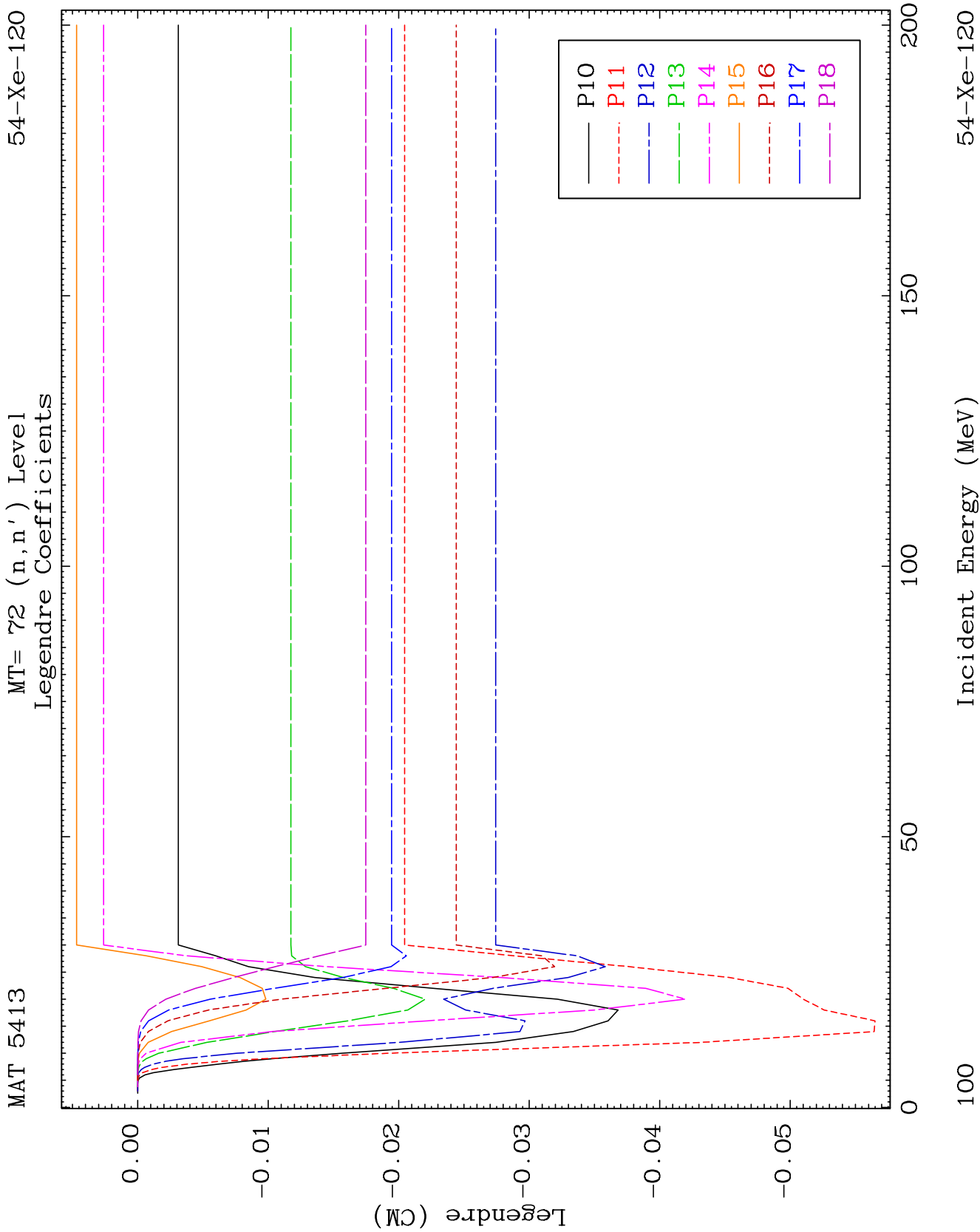
MT= 71 (n, n') Level
Legendre Coefficients

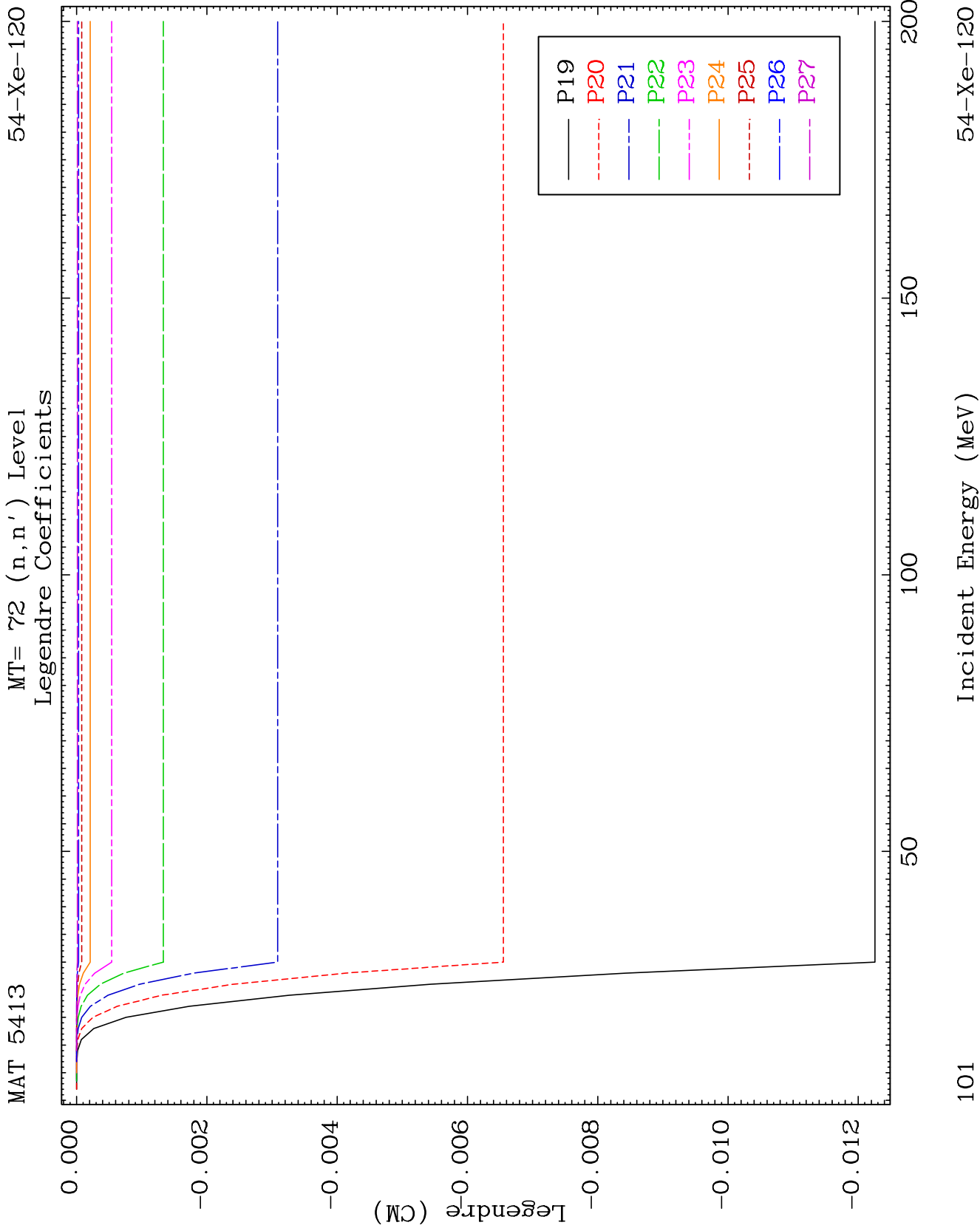
 $^{54}\text{-Xe-120}$ 

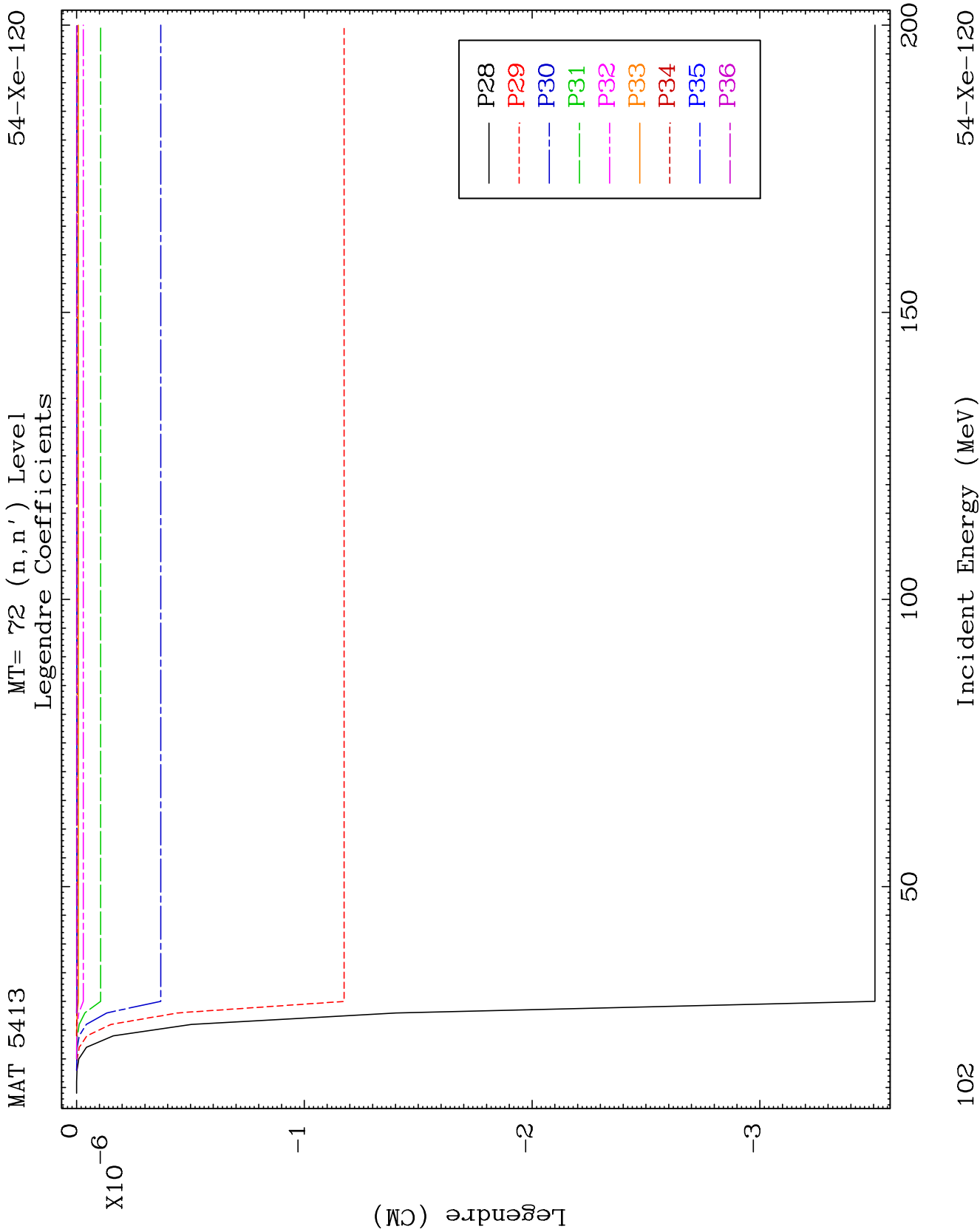


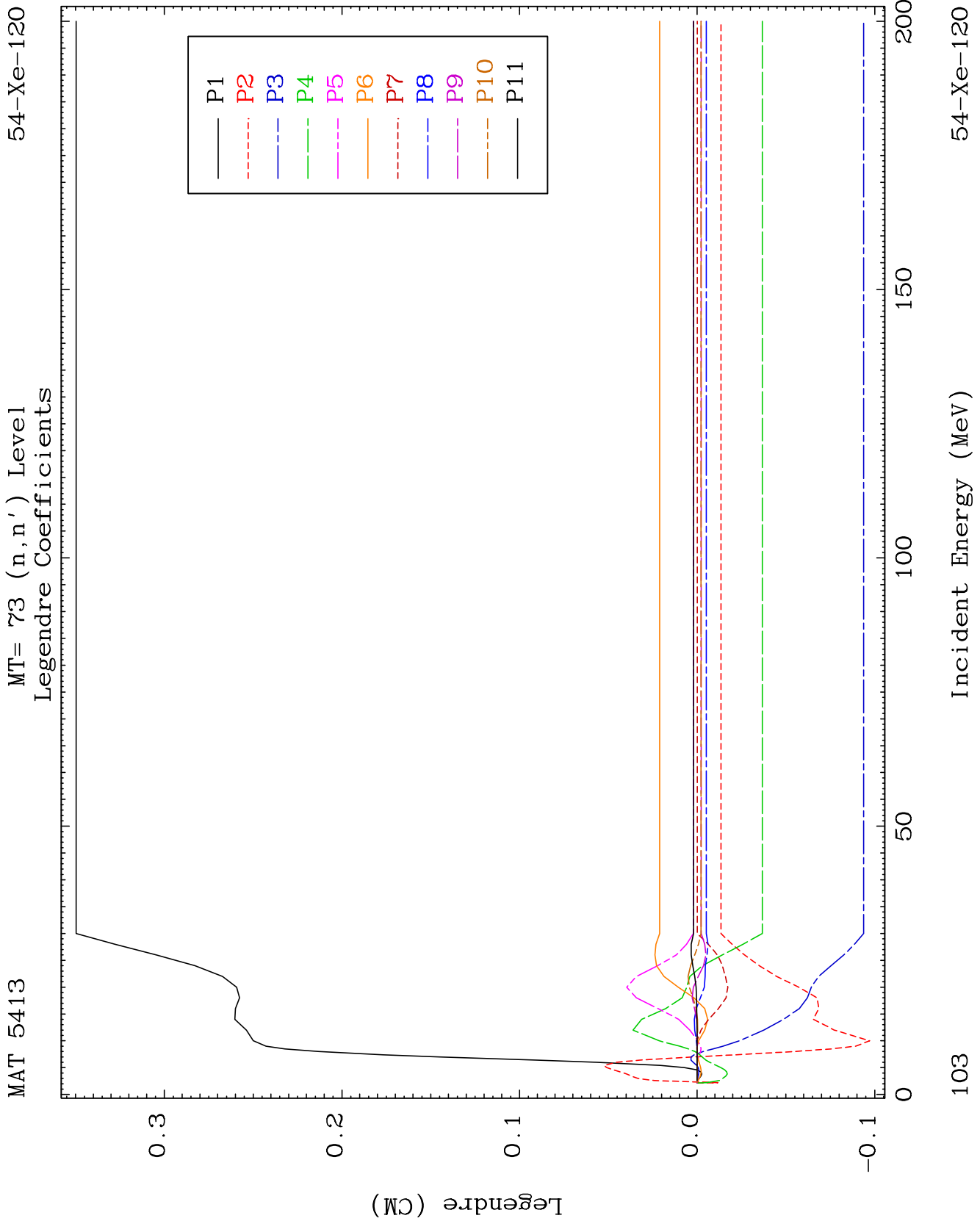


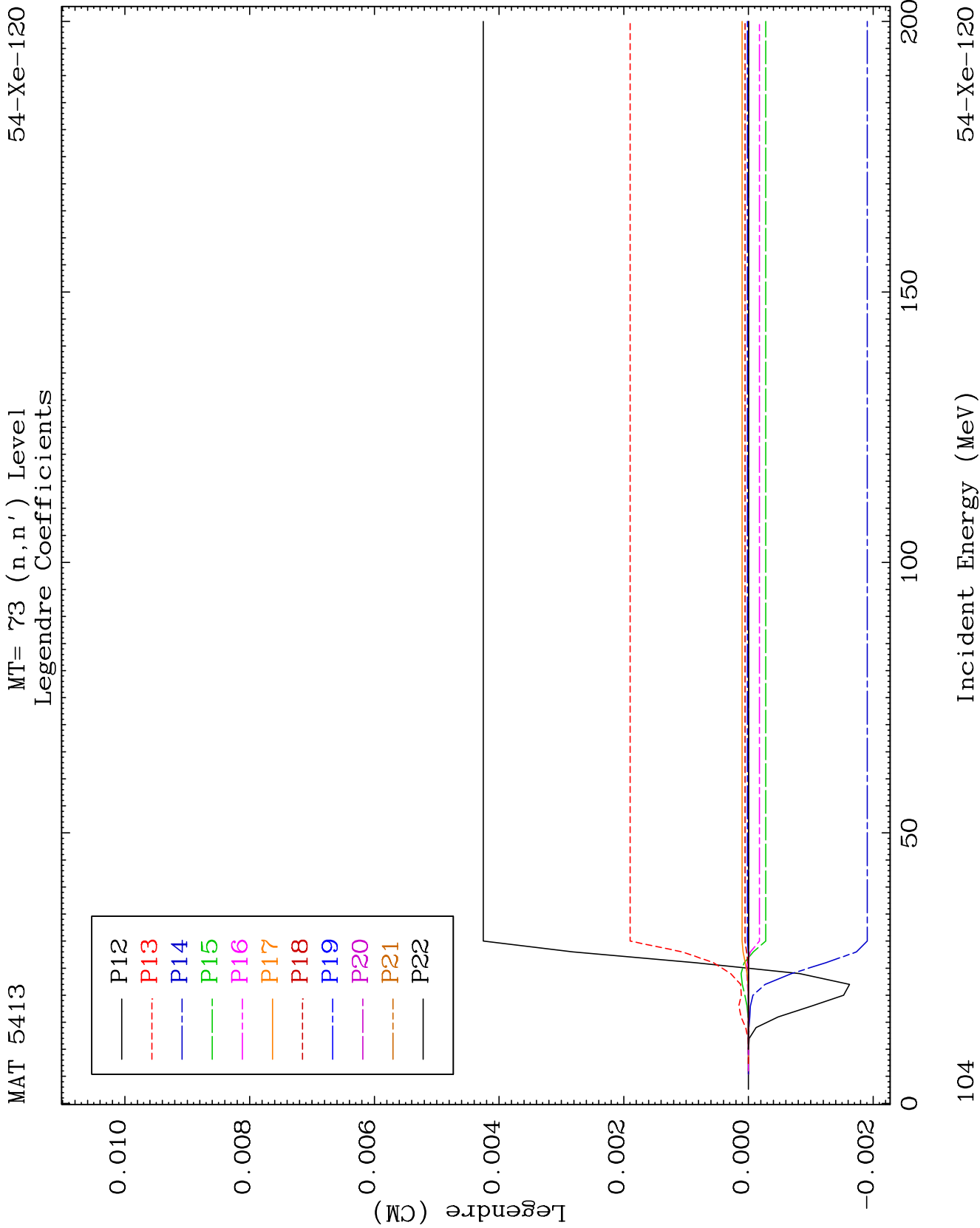


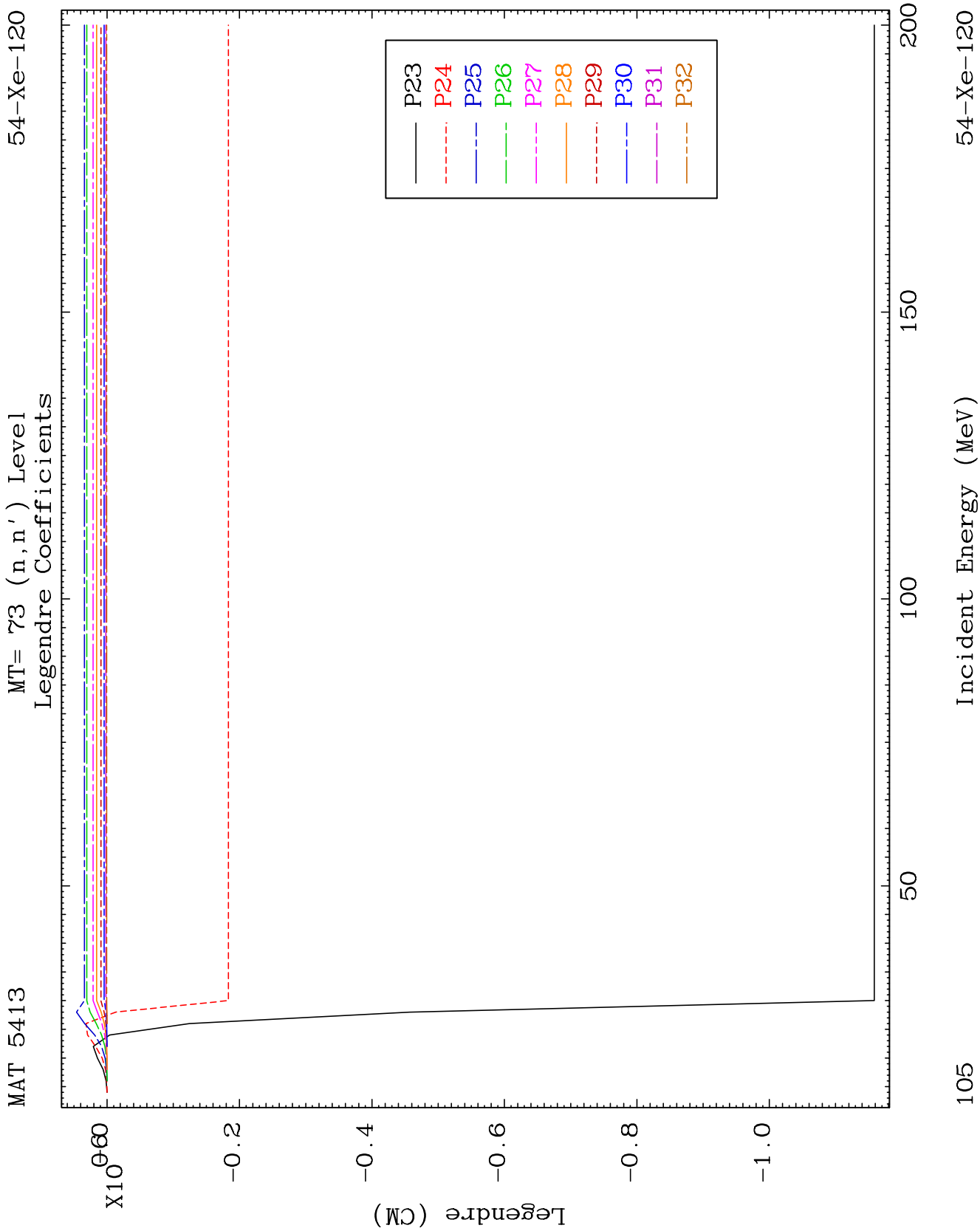








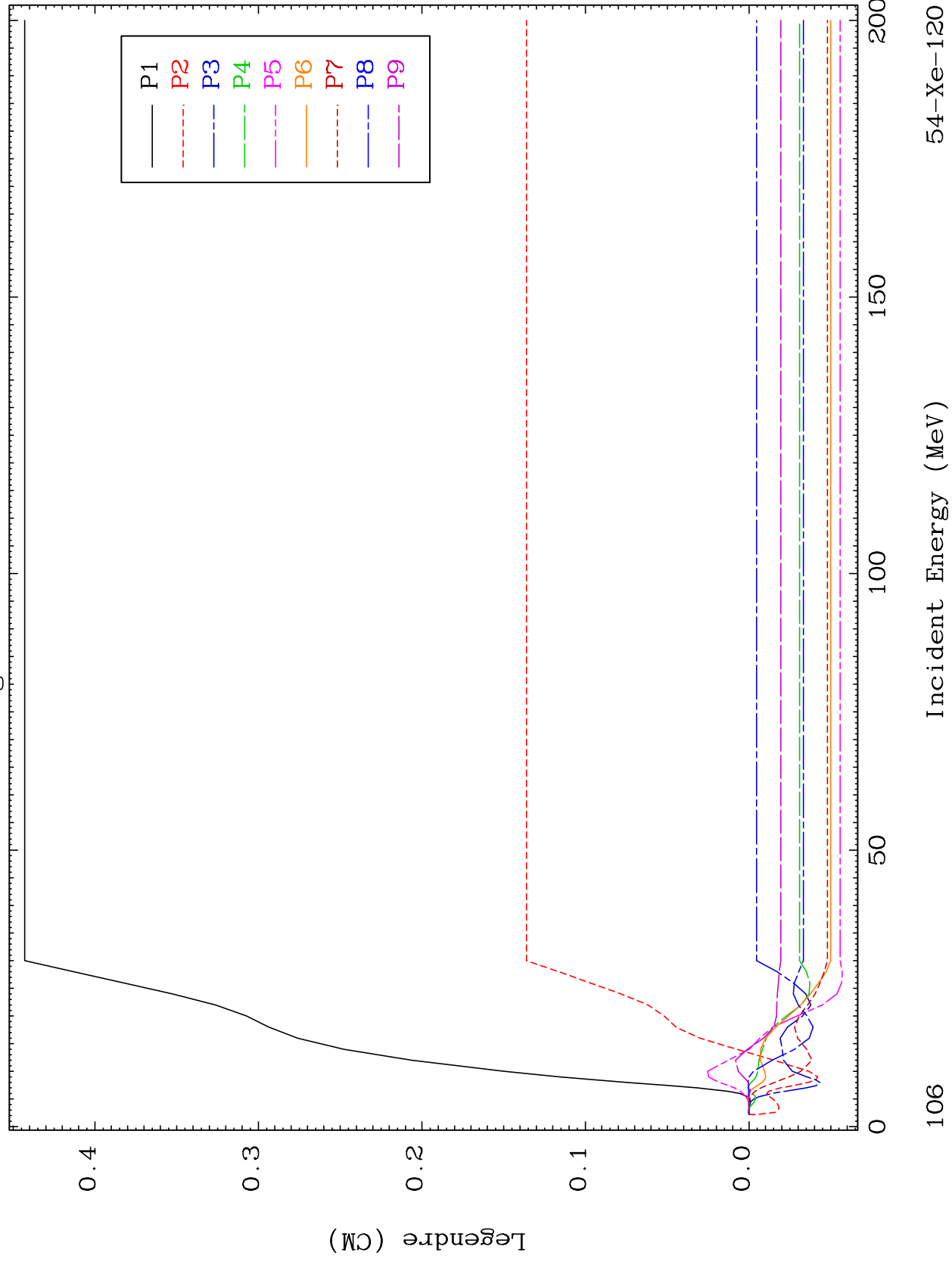




MAT 5413

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

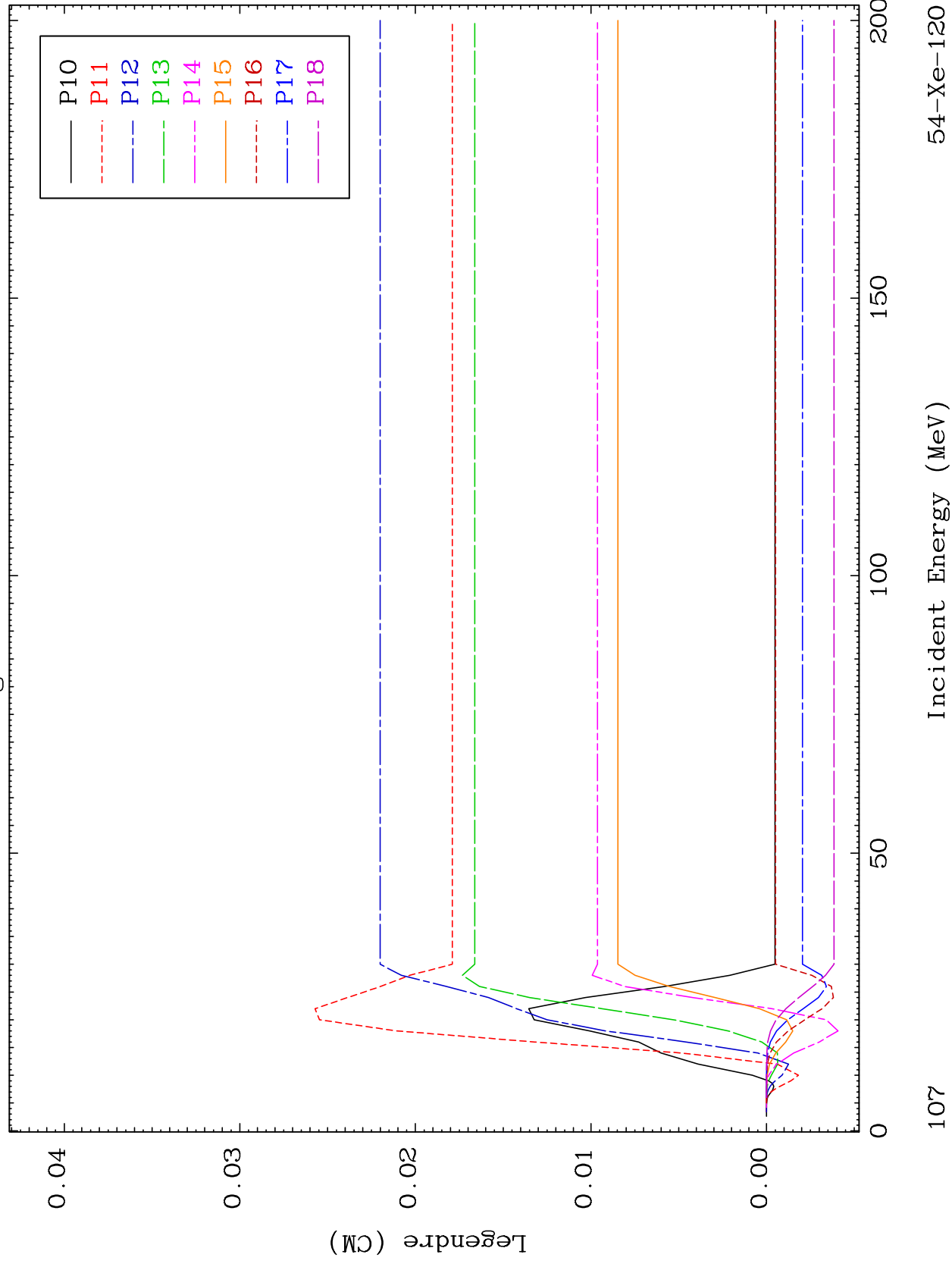
54-Xe-120

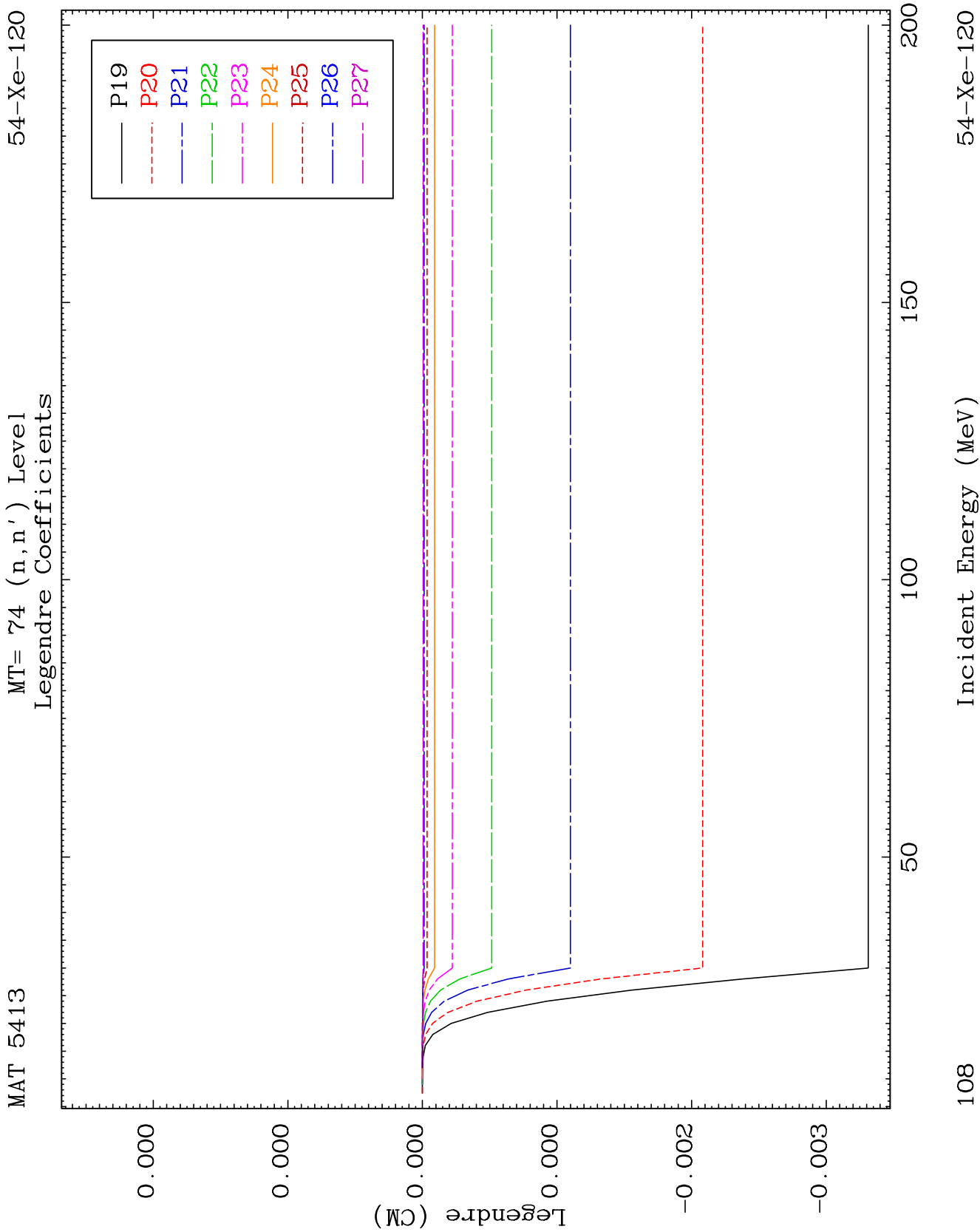


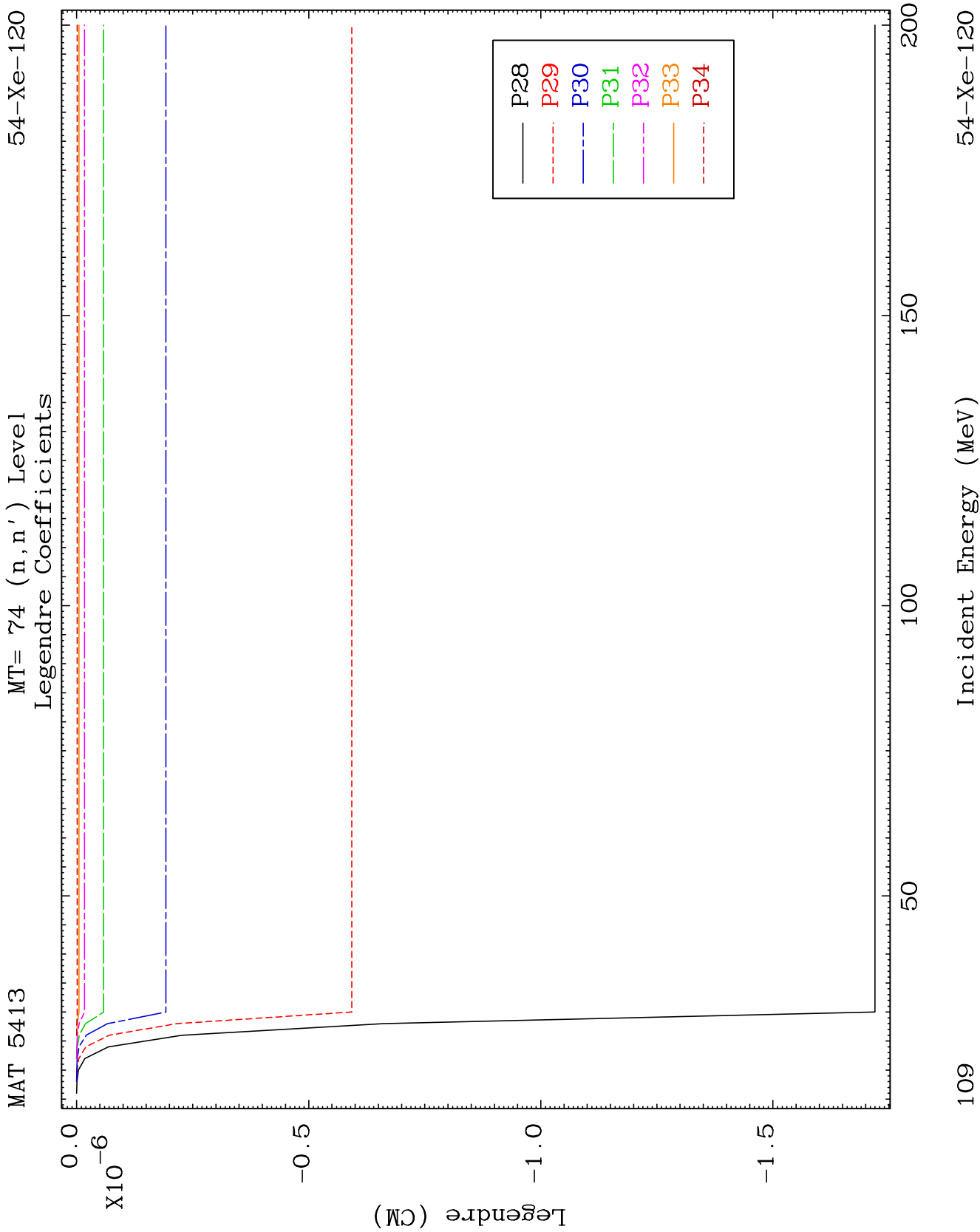
MAT 5413

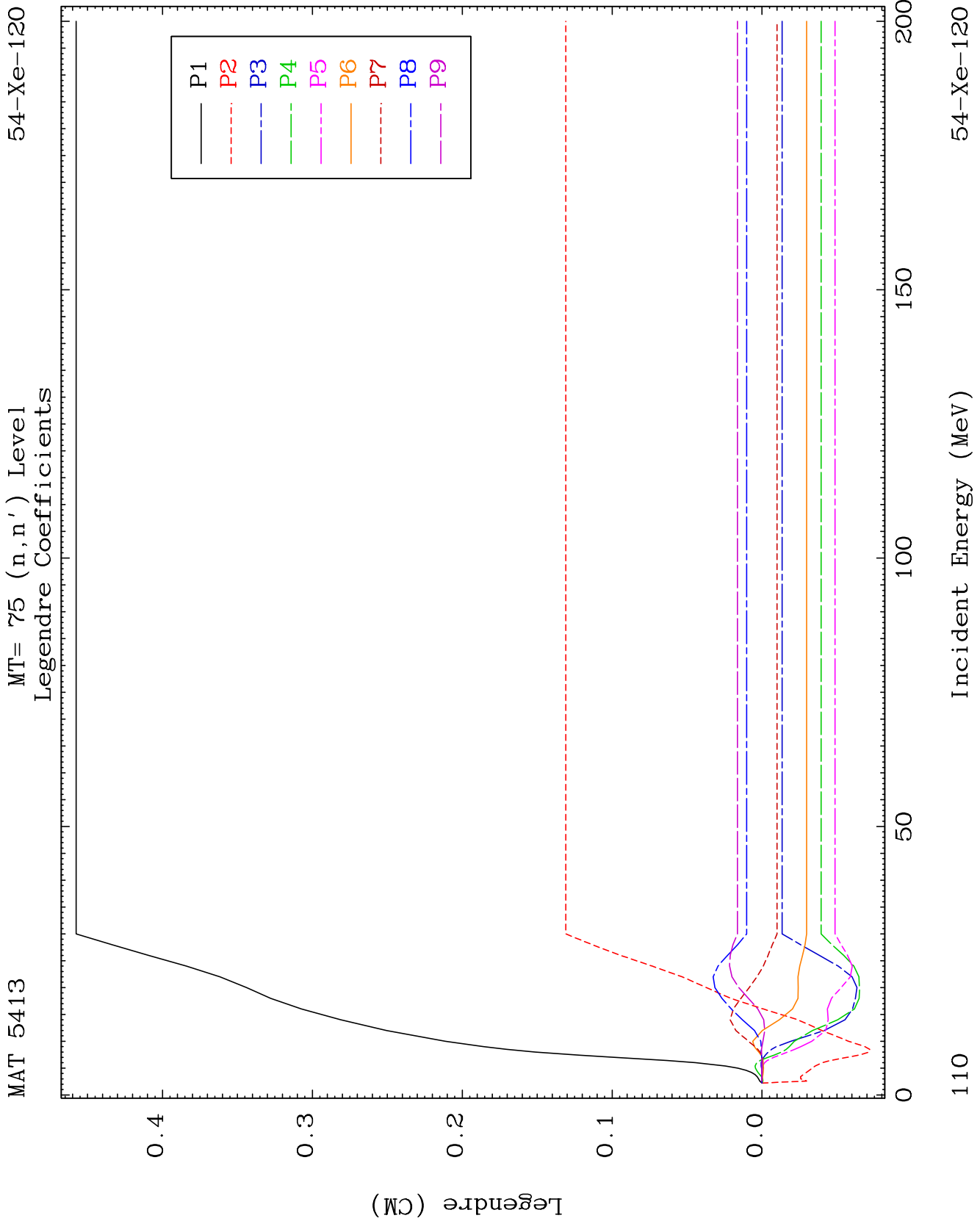
MT= 74 (n, n') Level
Legendre Coefficients

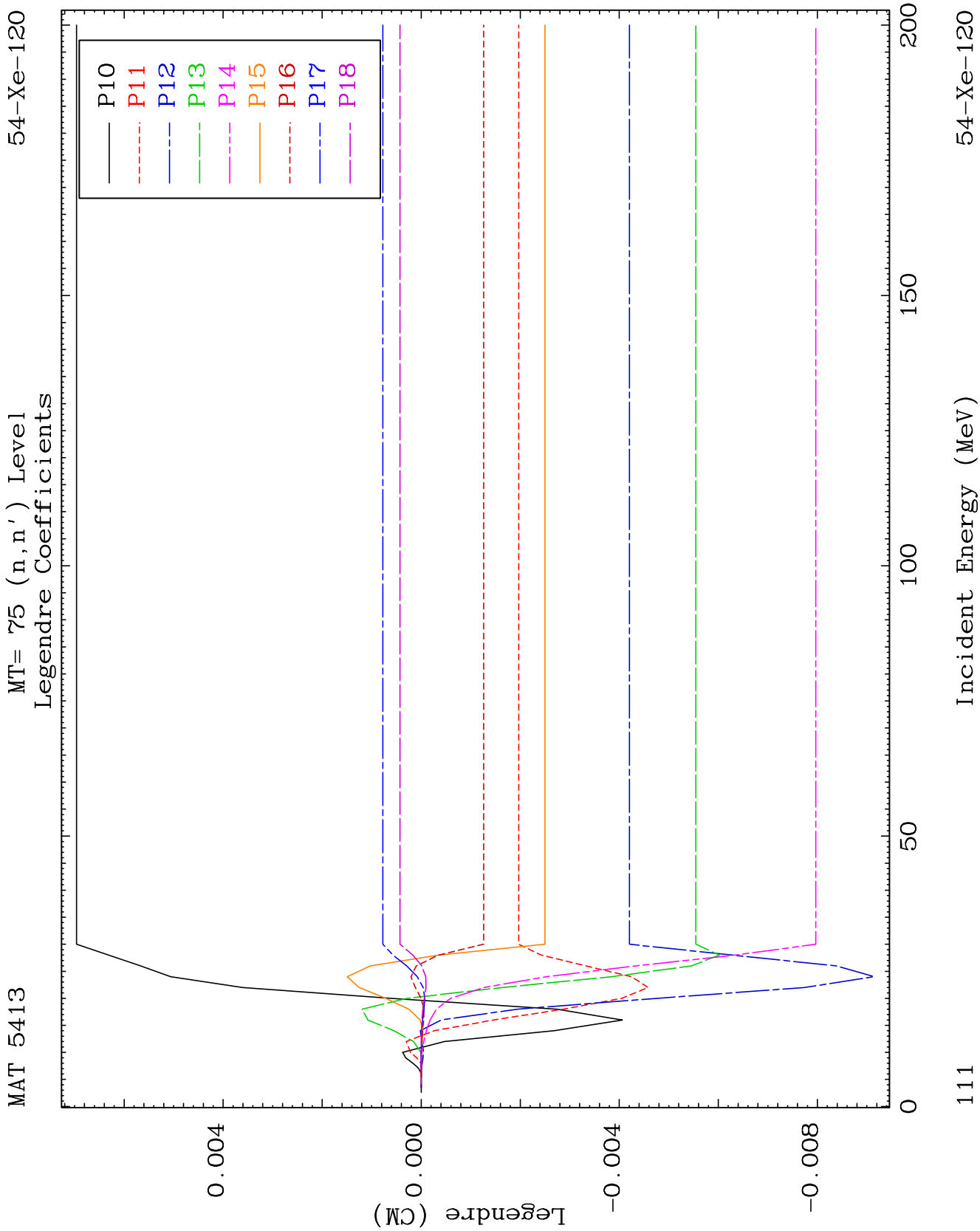
54-Xe-120

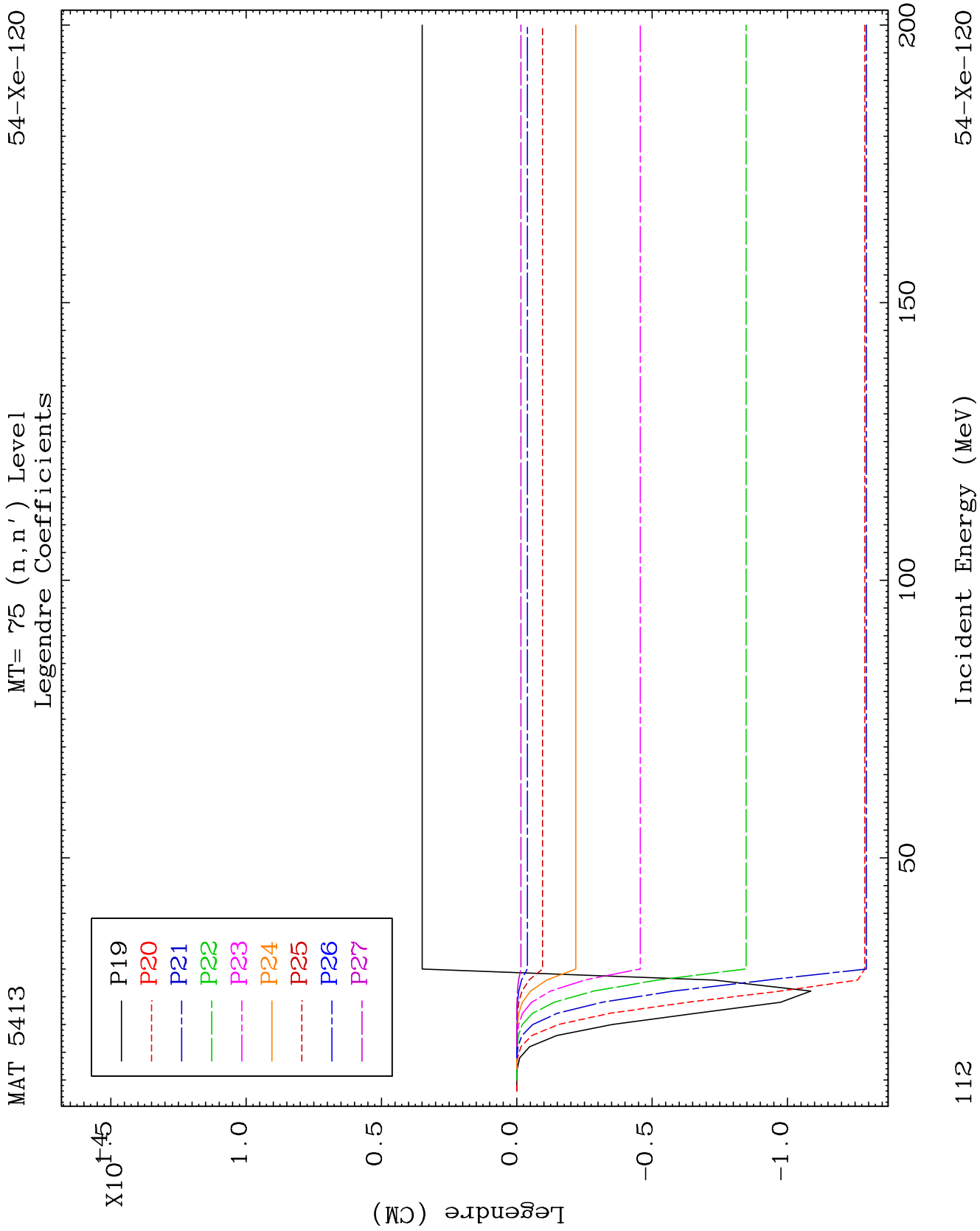


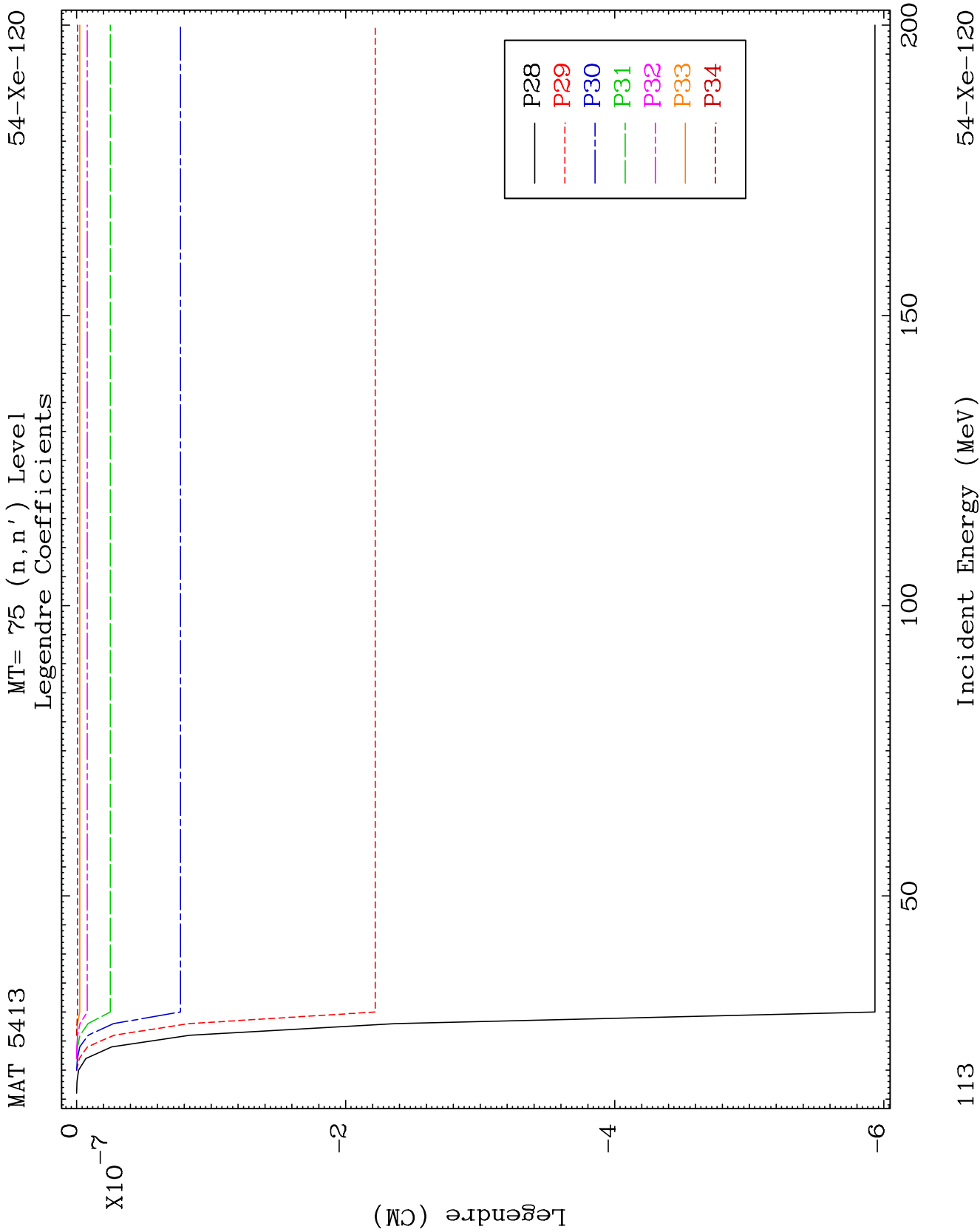


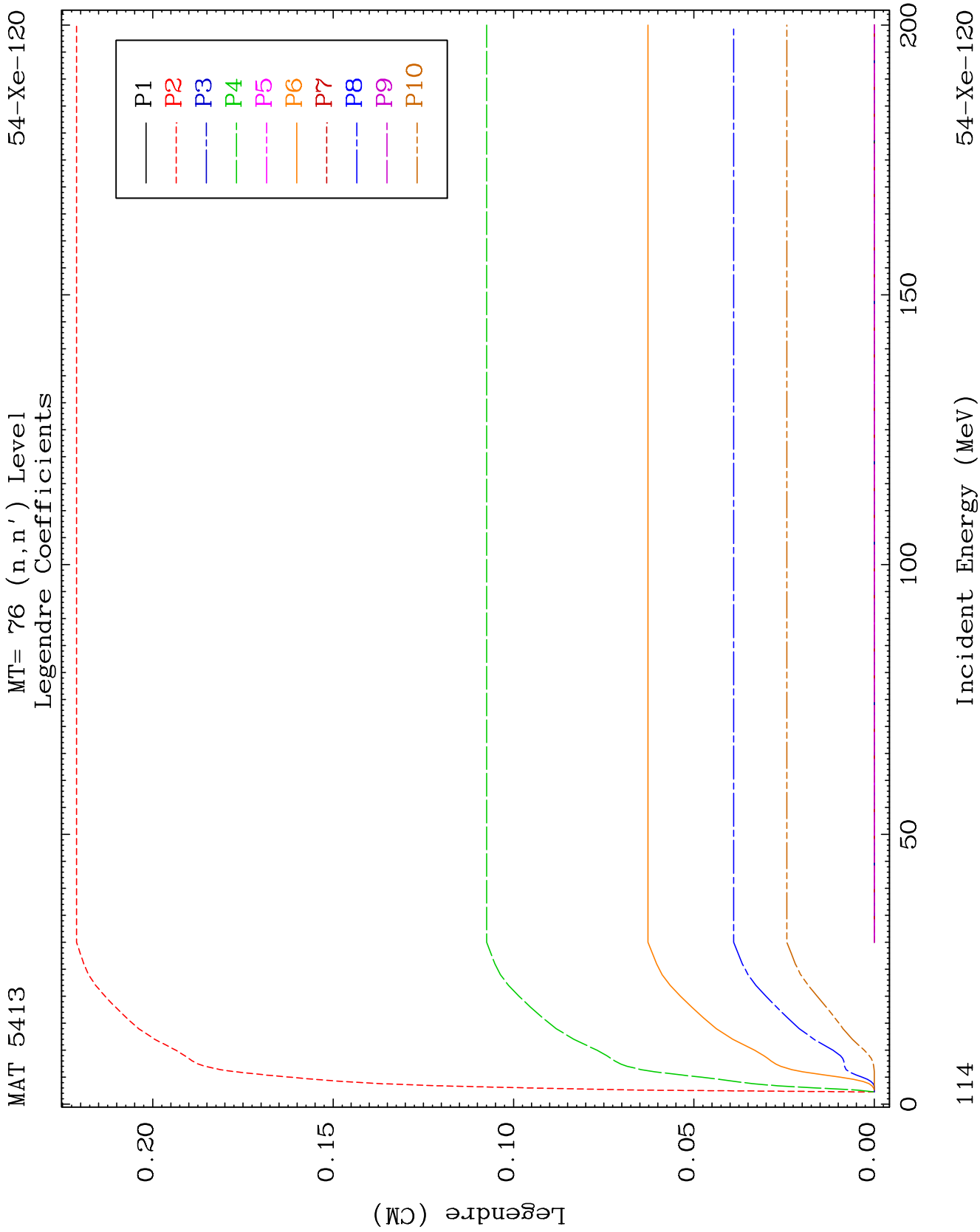


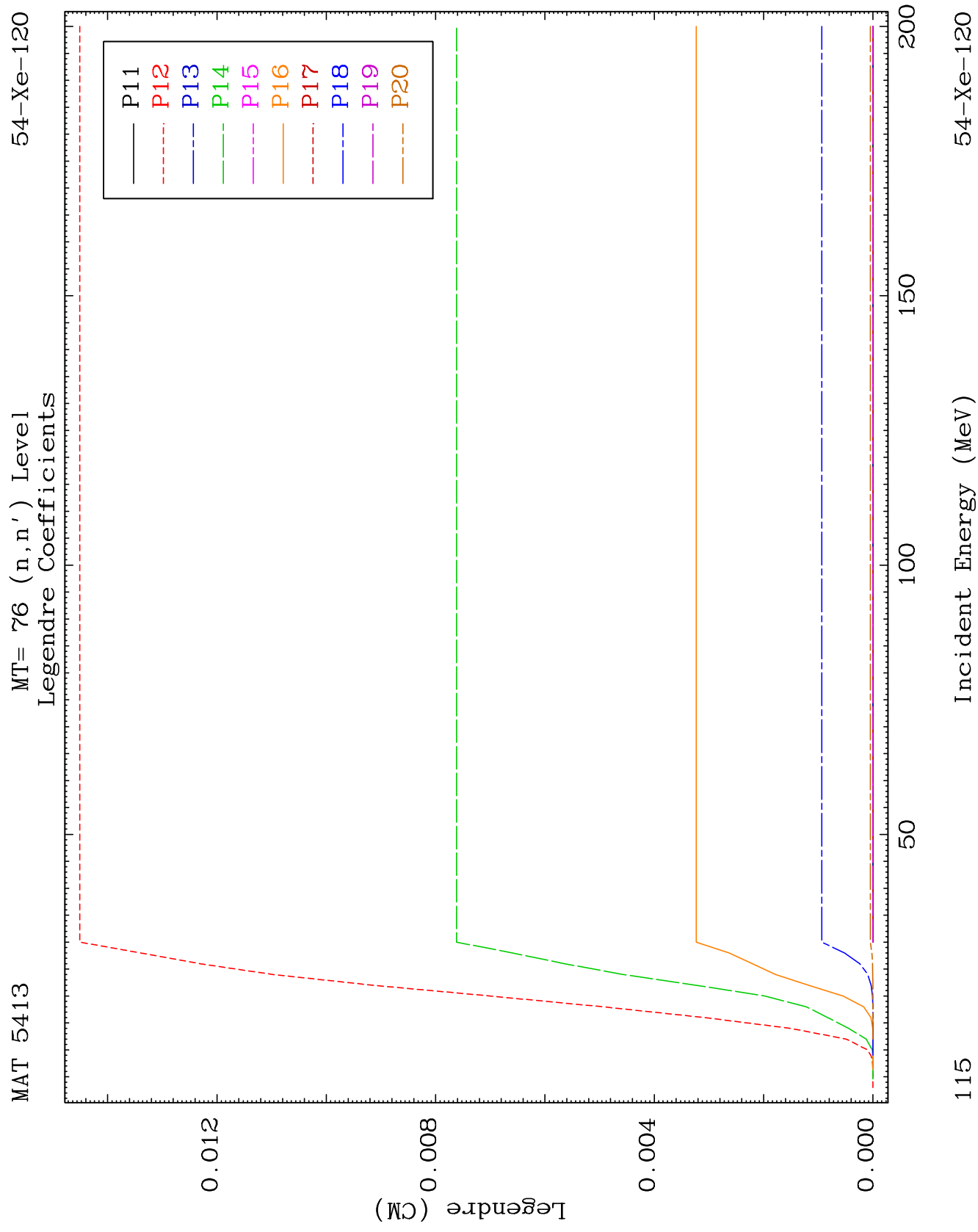


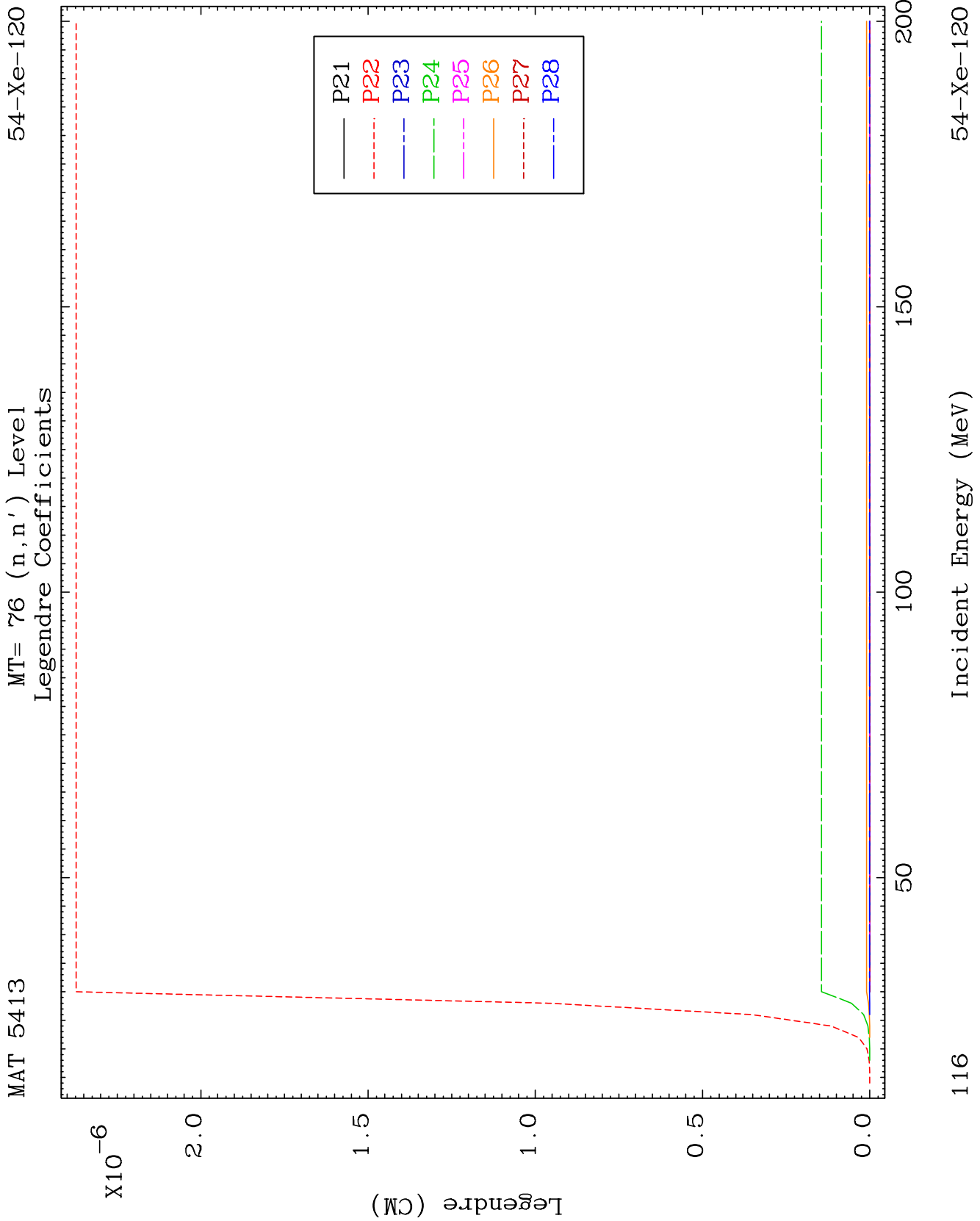


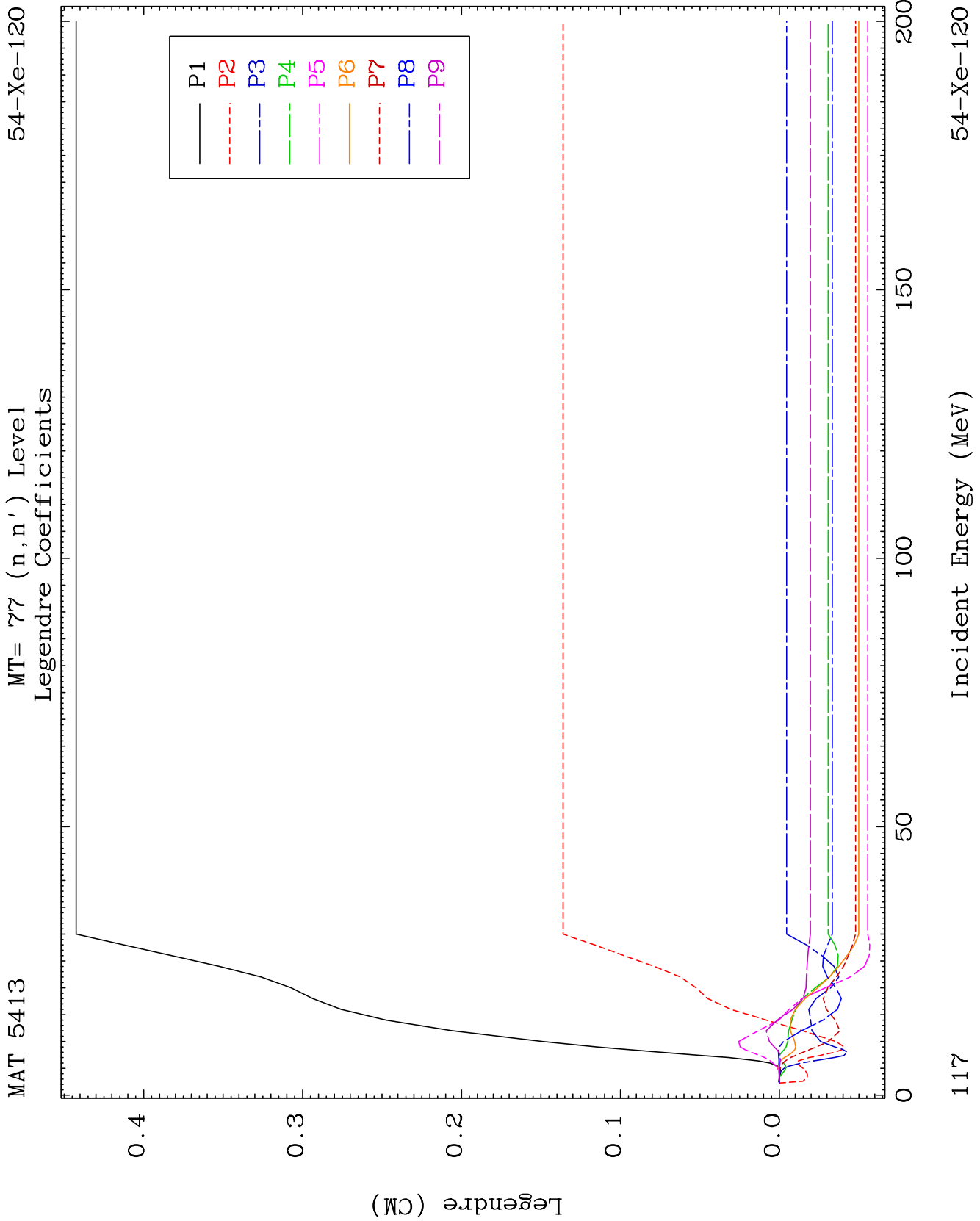


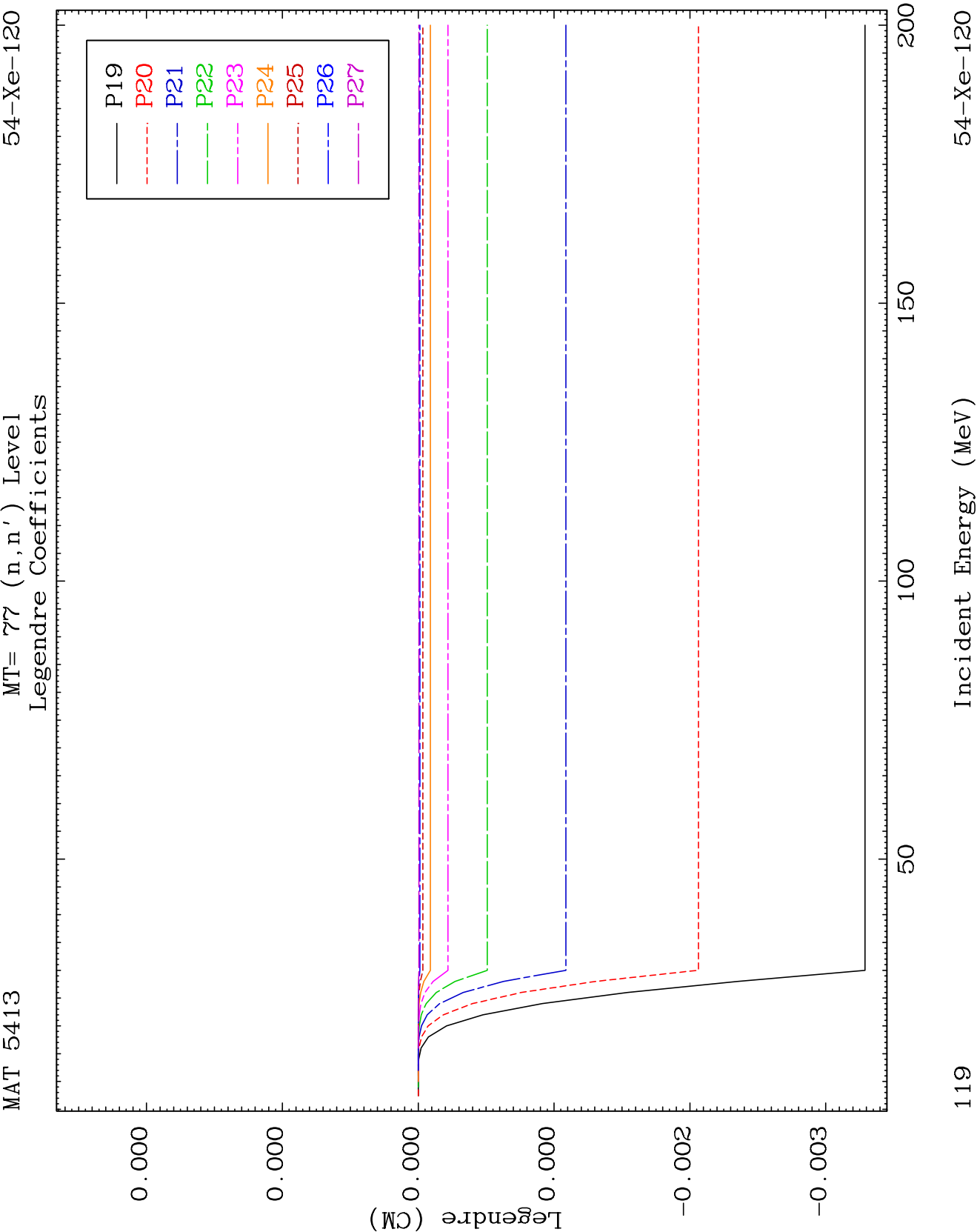


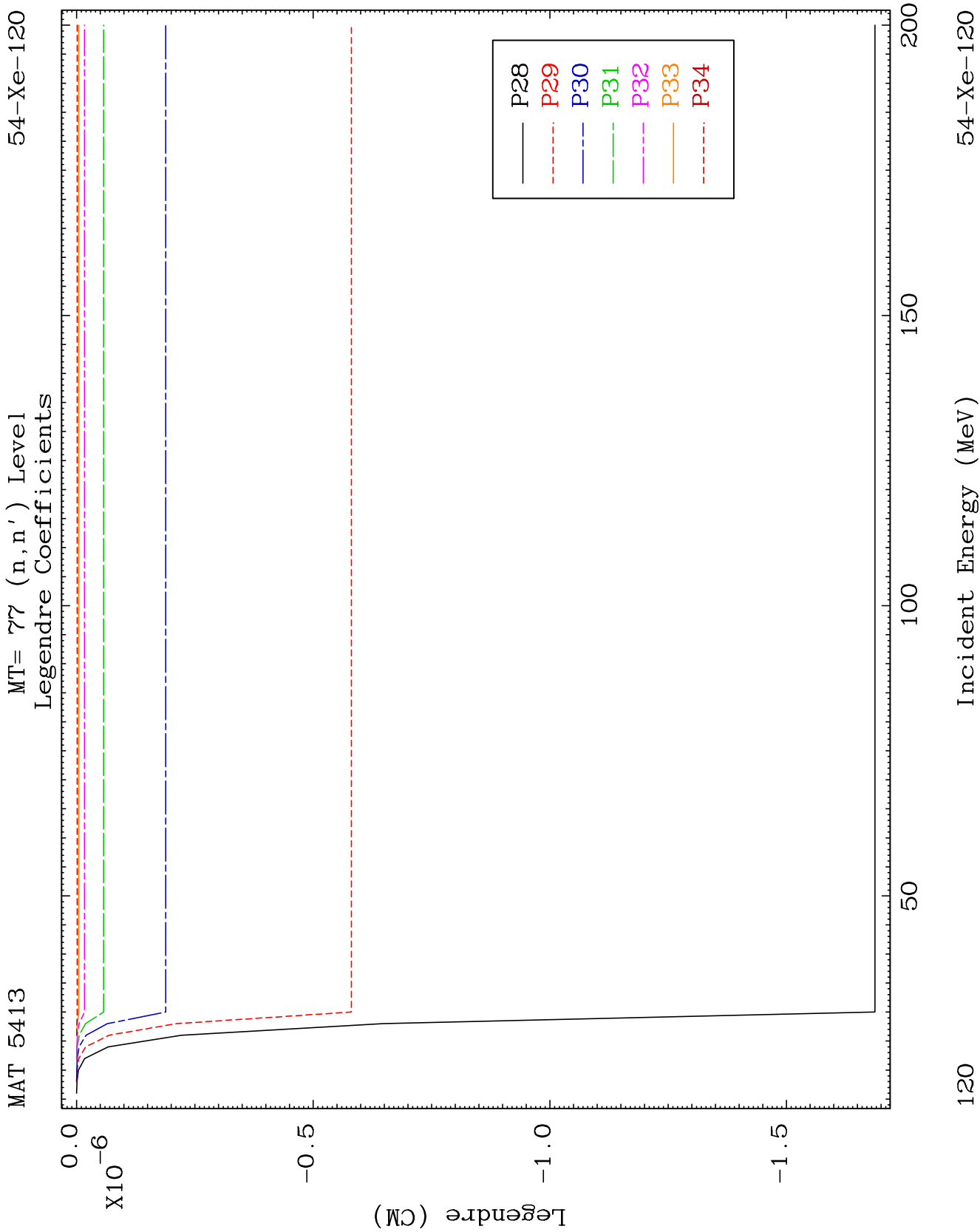








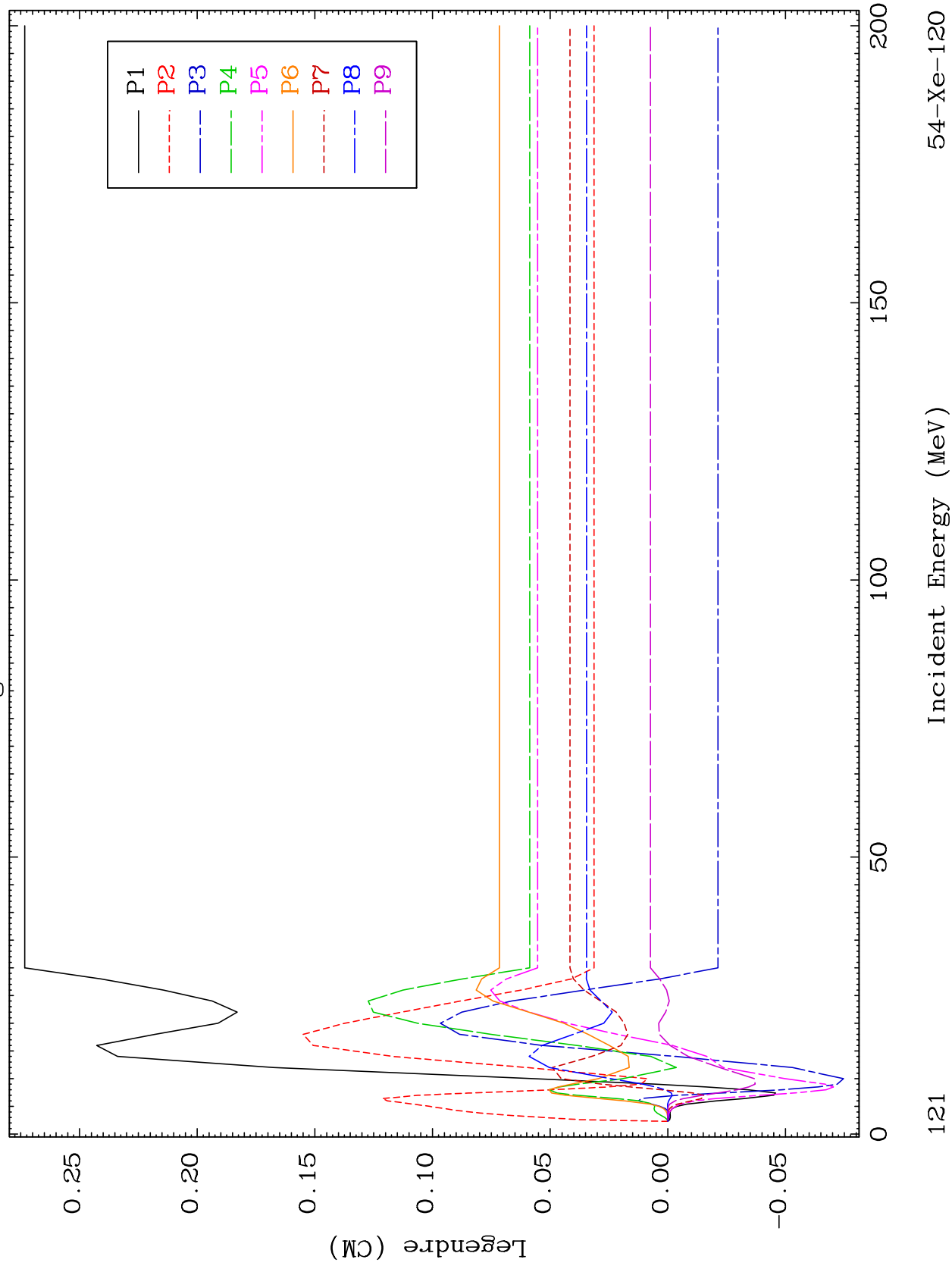


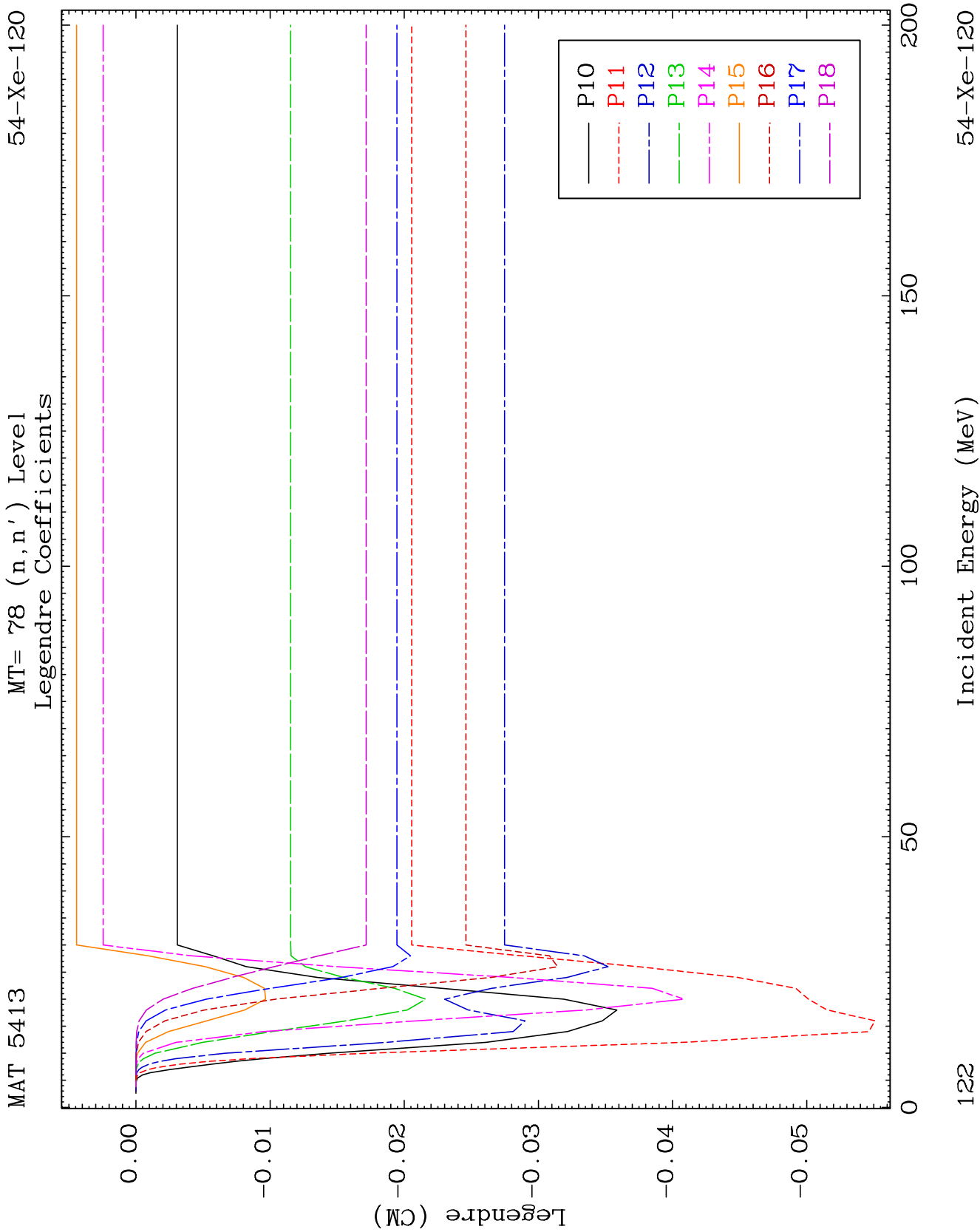


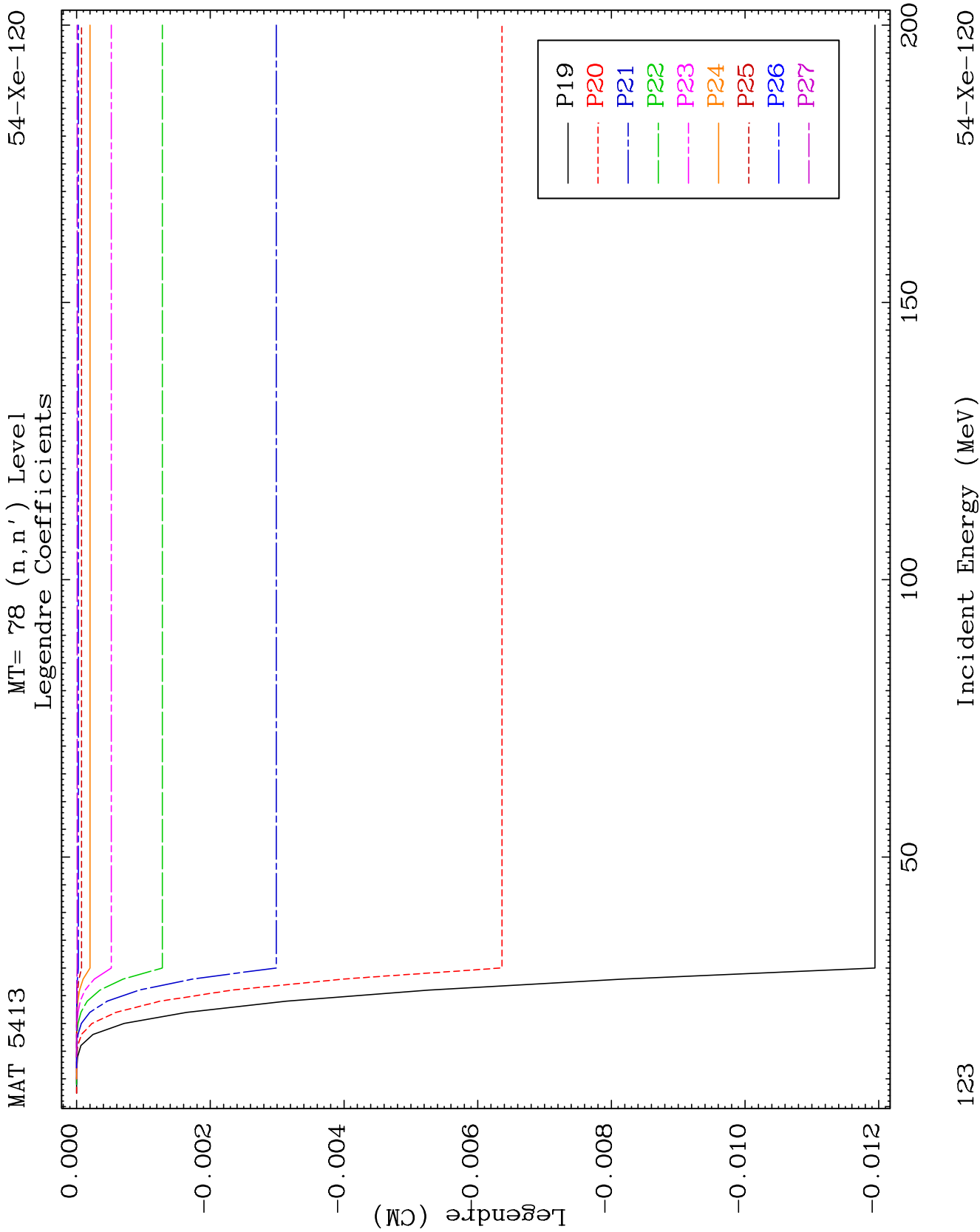
MAT 5413

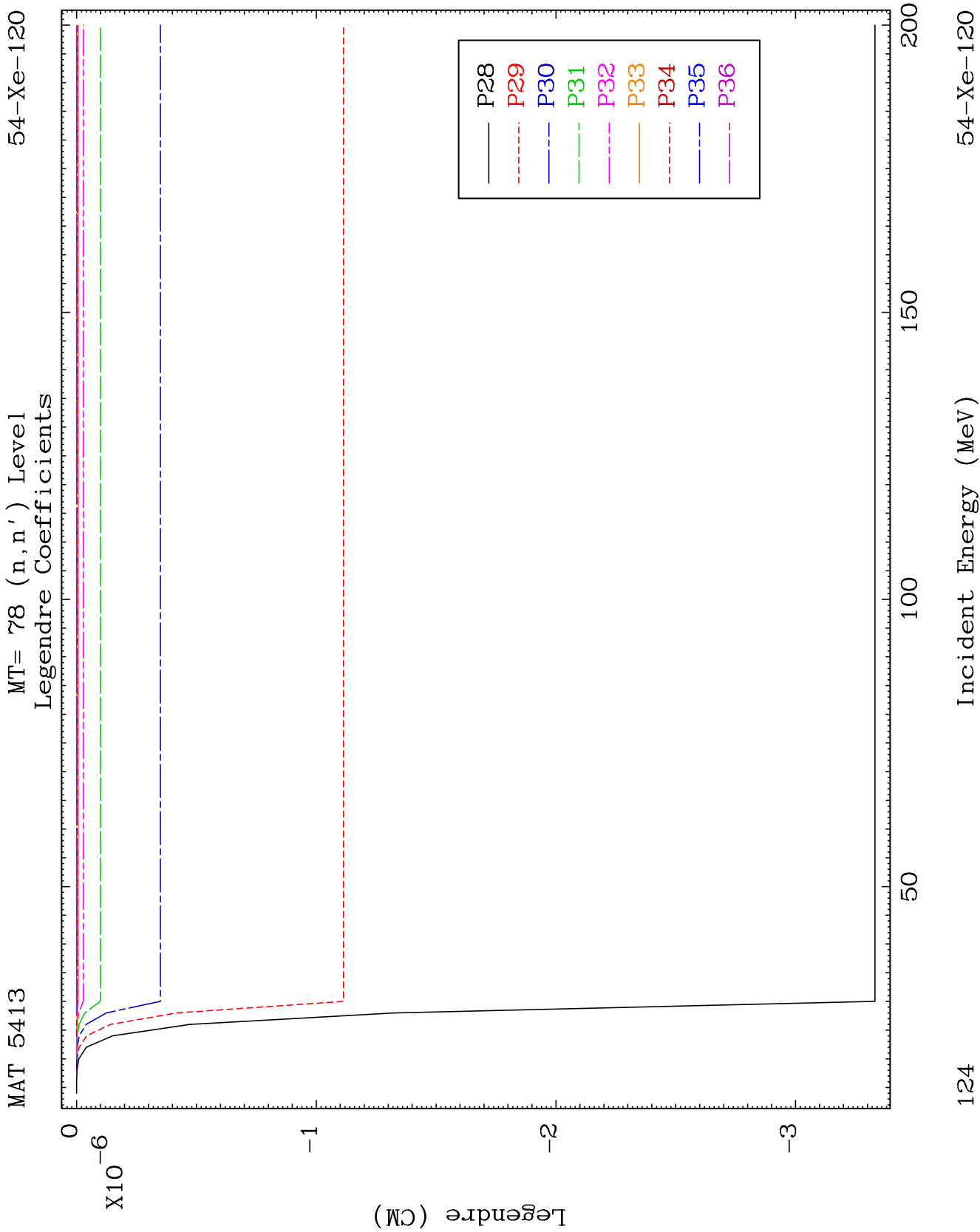
MT= 78 (n, n') Level
Legendre Coefficients

54-Xe-120

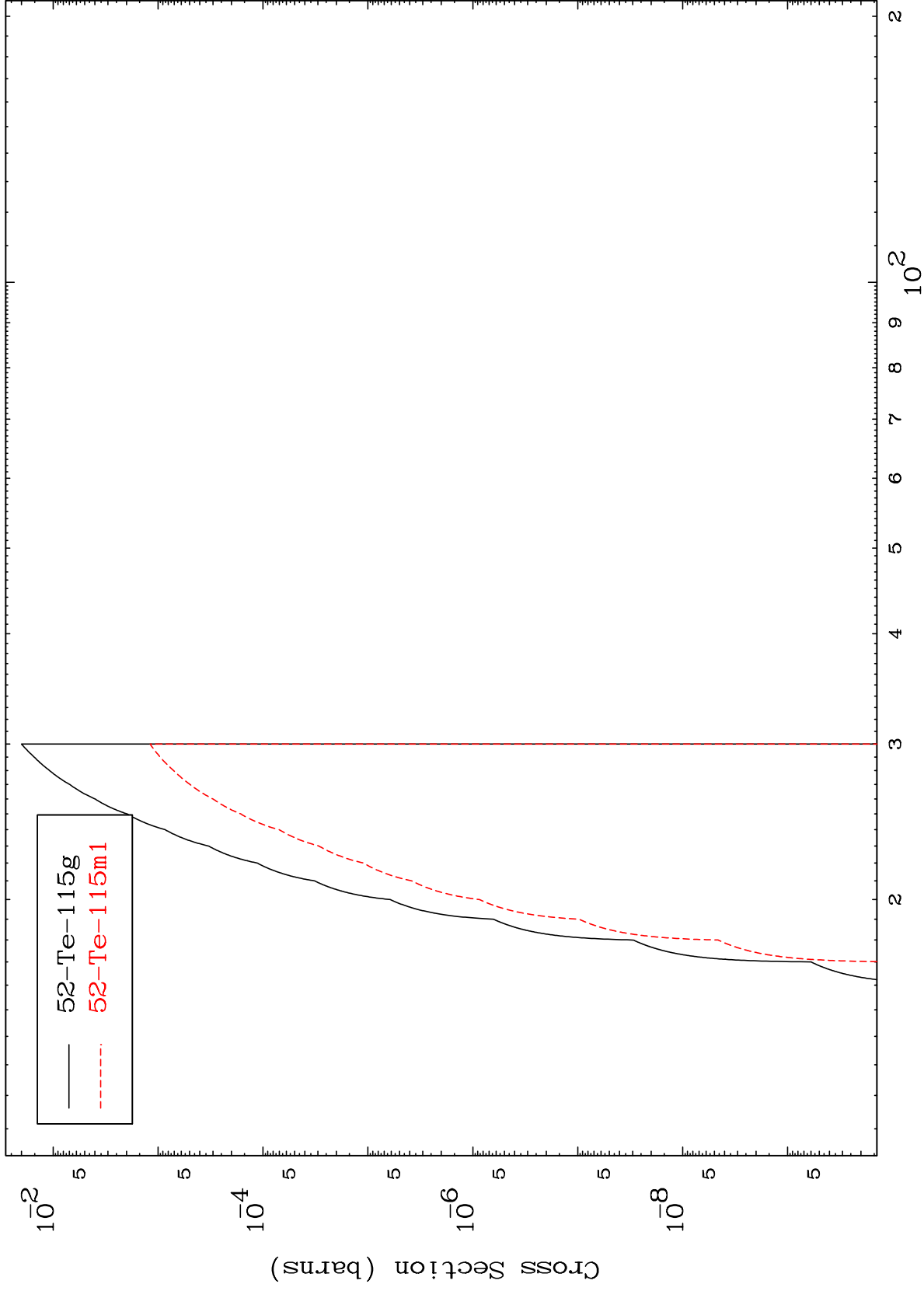


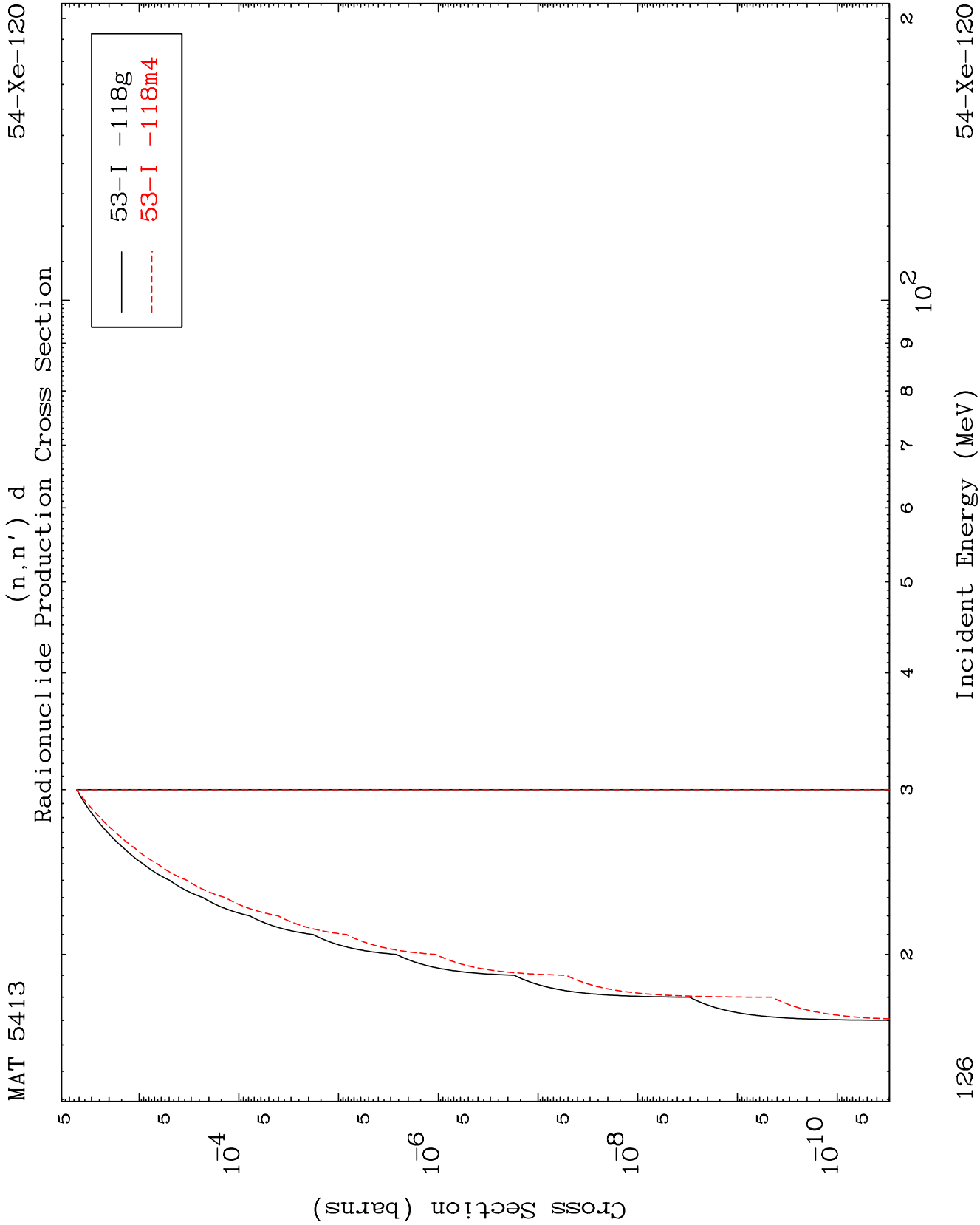




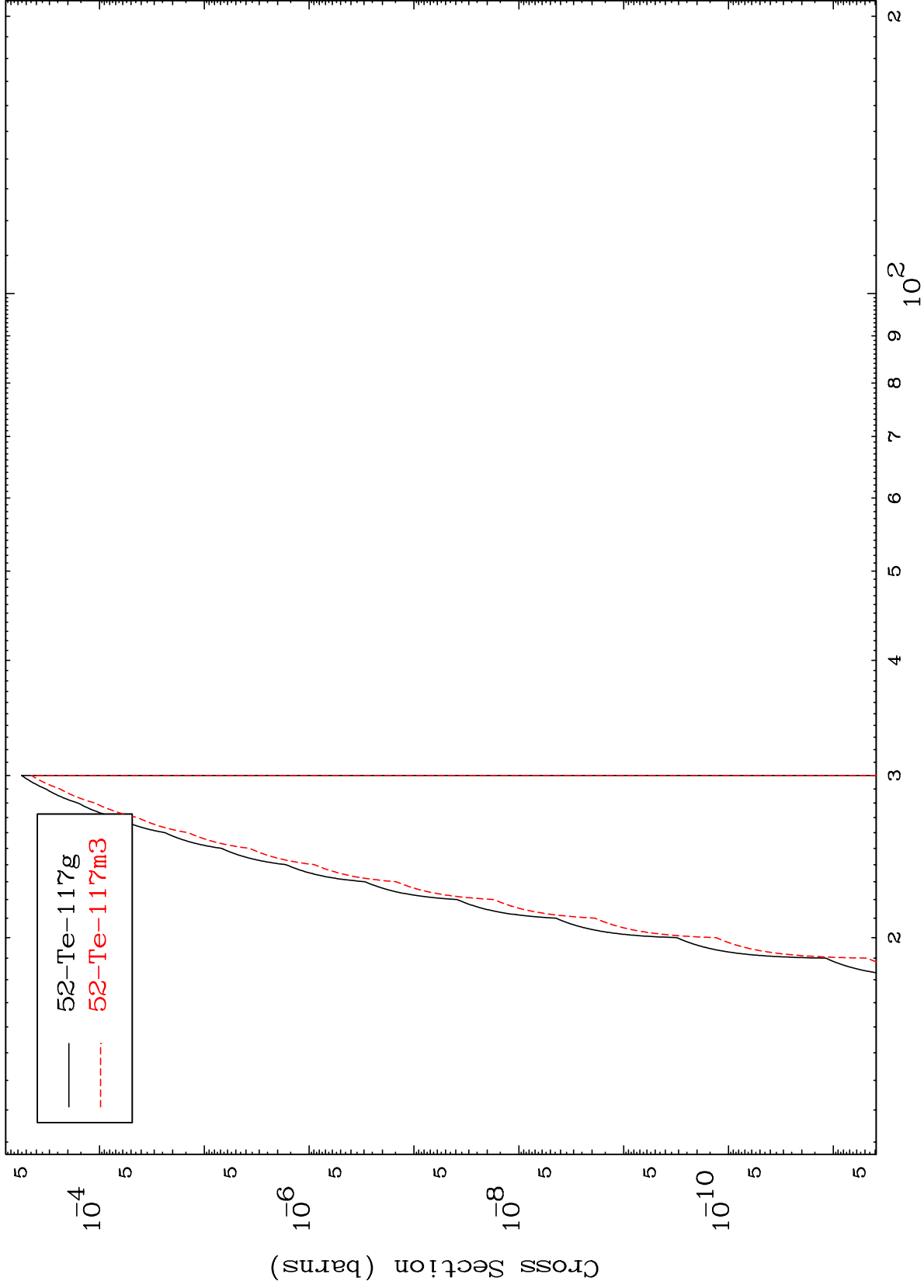


Radionuclide Production Cross Section
(n,2n) α





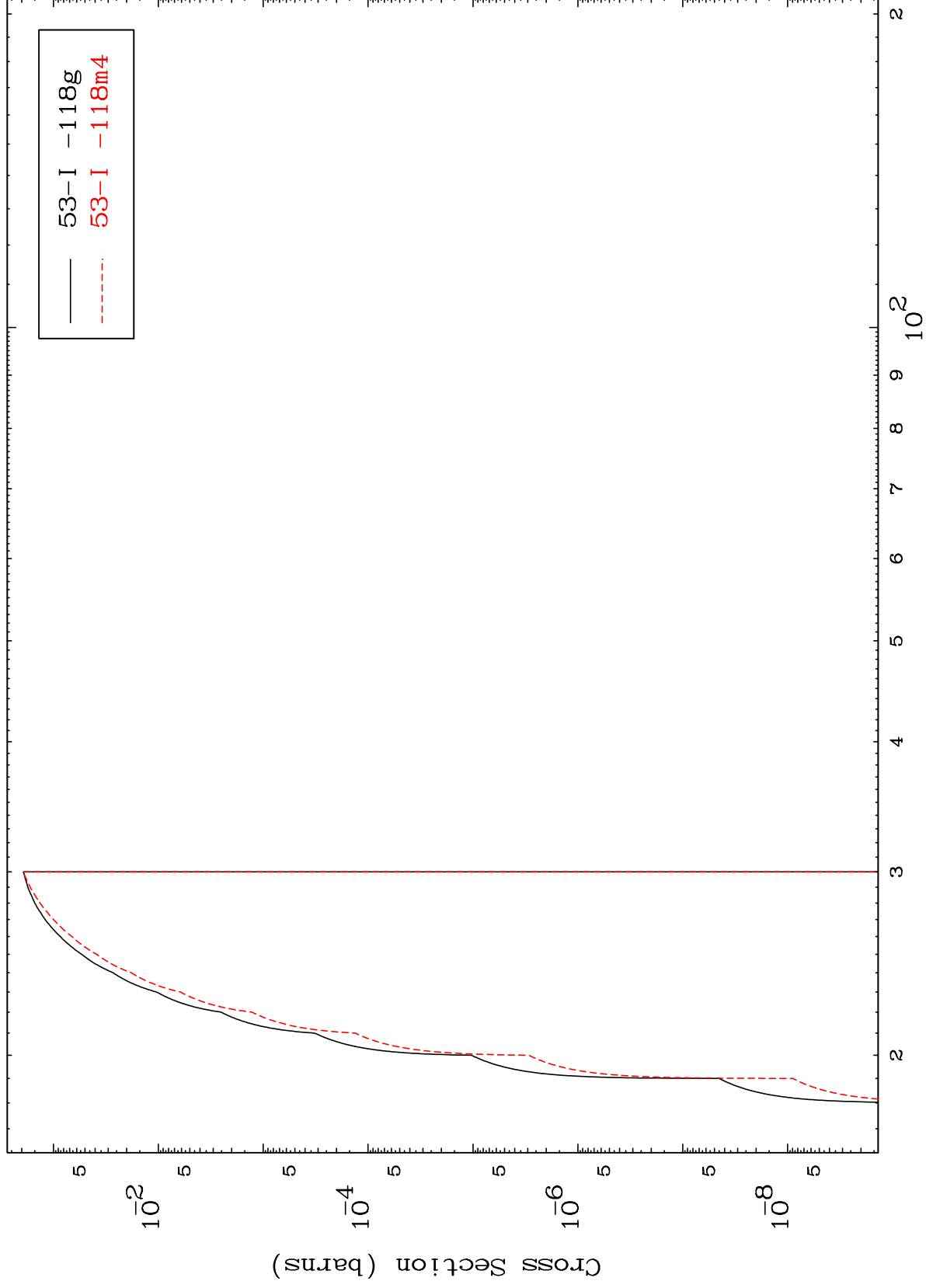
(n,n') He-3
Radionuclide Production Cross Section



MAT 5413

54-Xe-120

(n,2n) p
Radionuclide Production Cross Section



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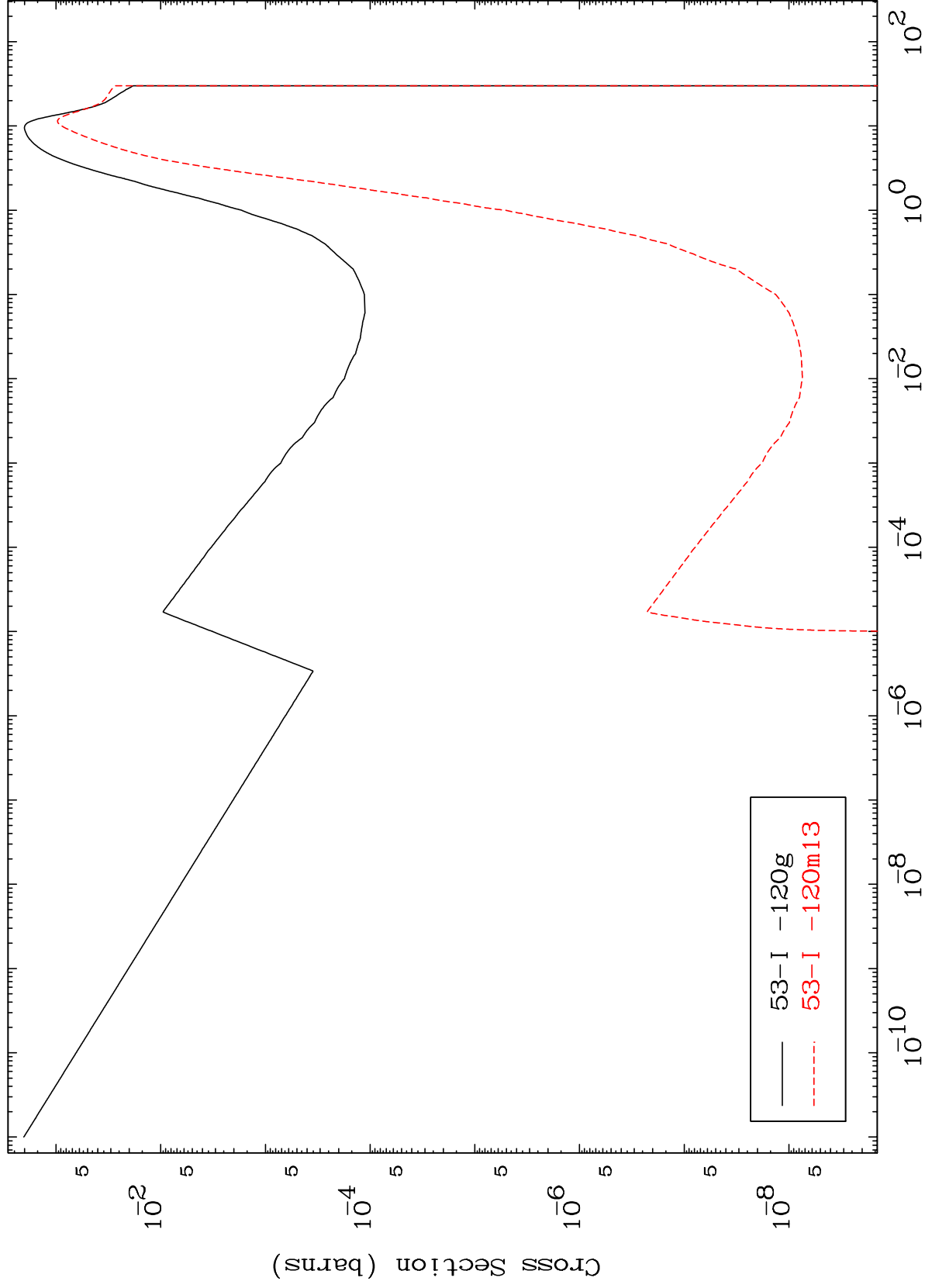
Incident Energy (MeV)

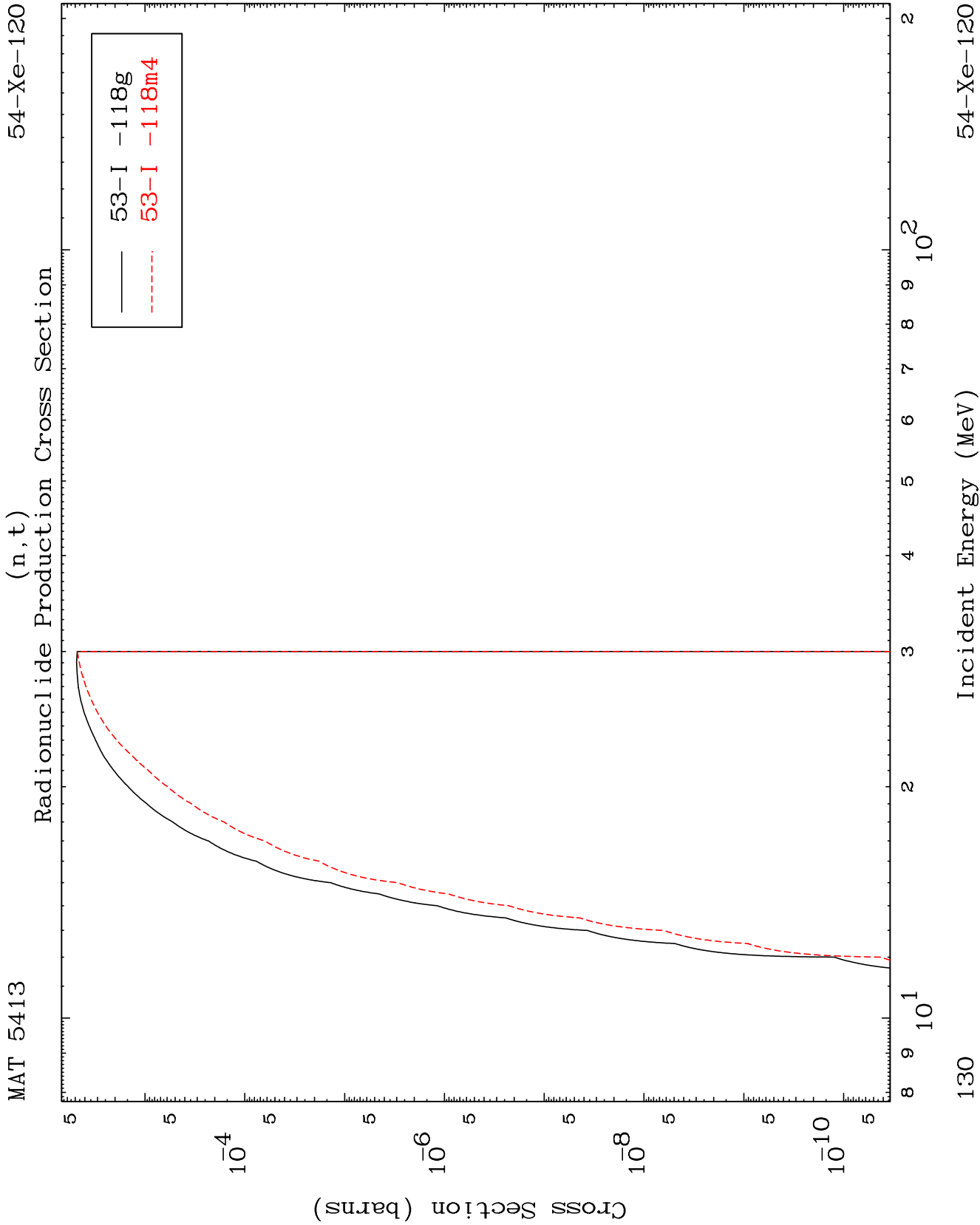
54-Xe-120

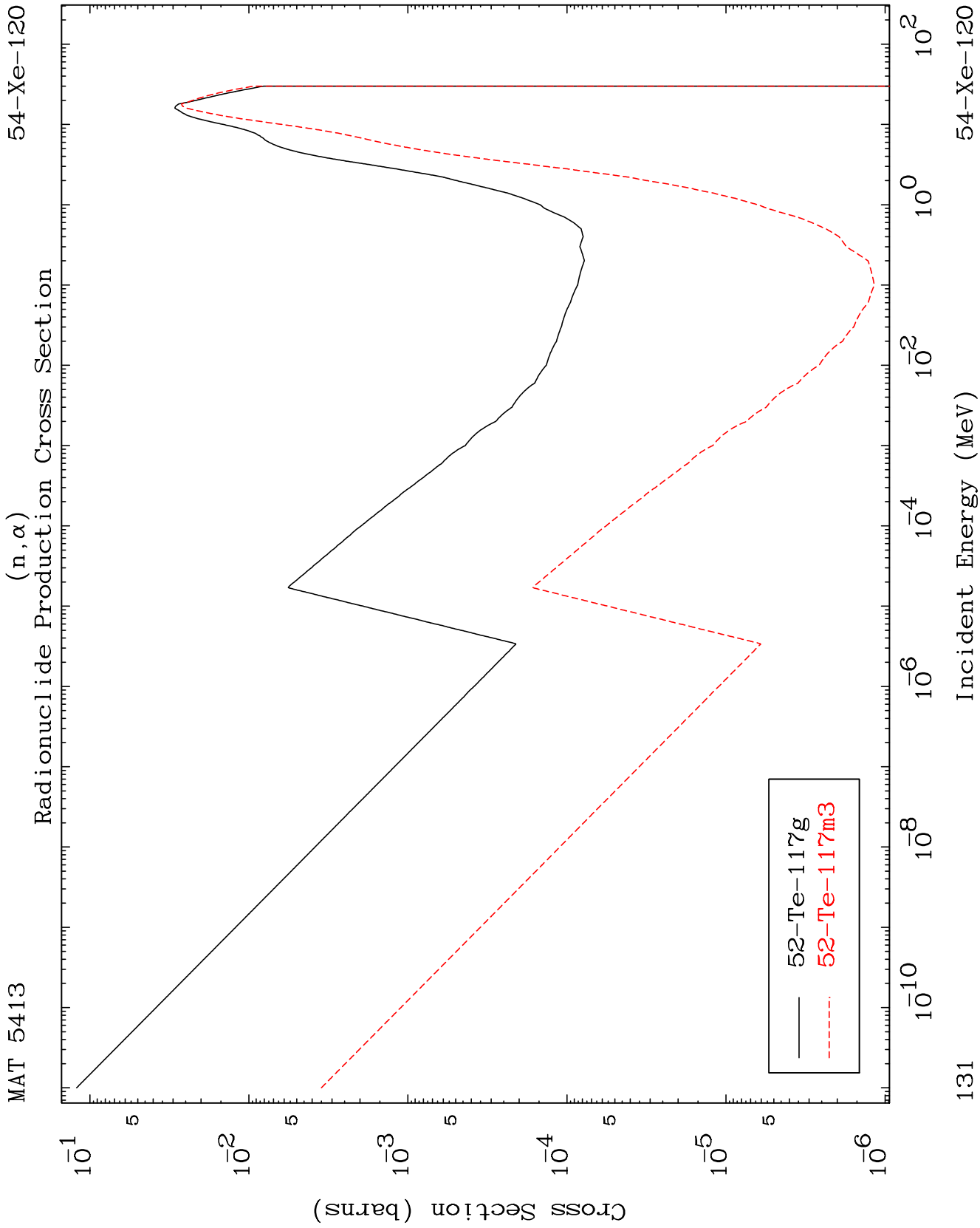
MAT 5413

54-Xe-120

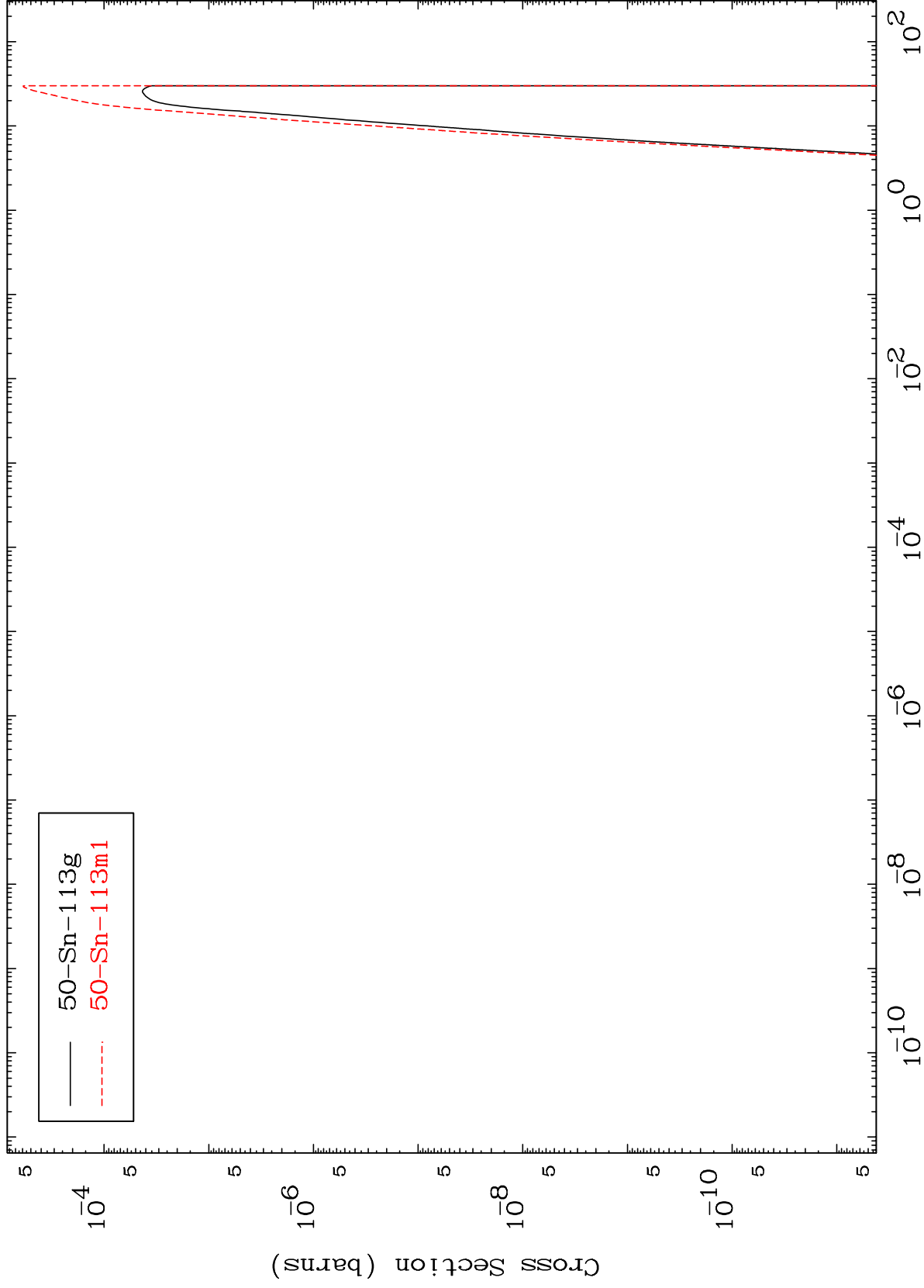
(n,p)
Radionuclide Production Cross Section

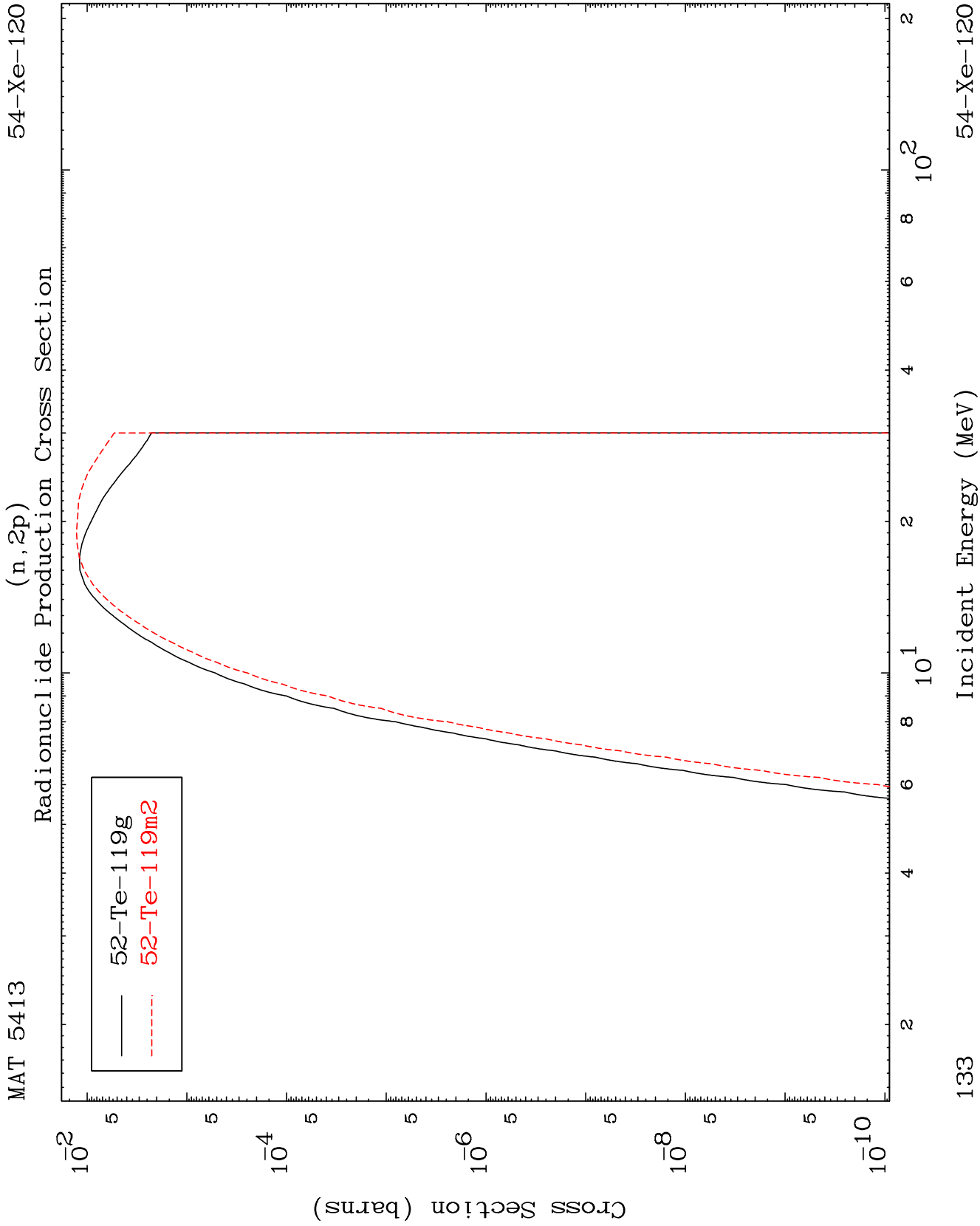






Radionuclide Production Cross Section
(n,2α)



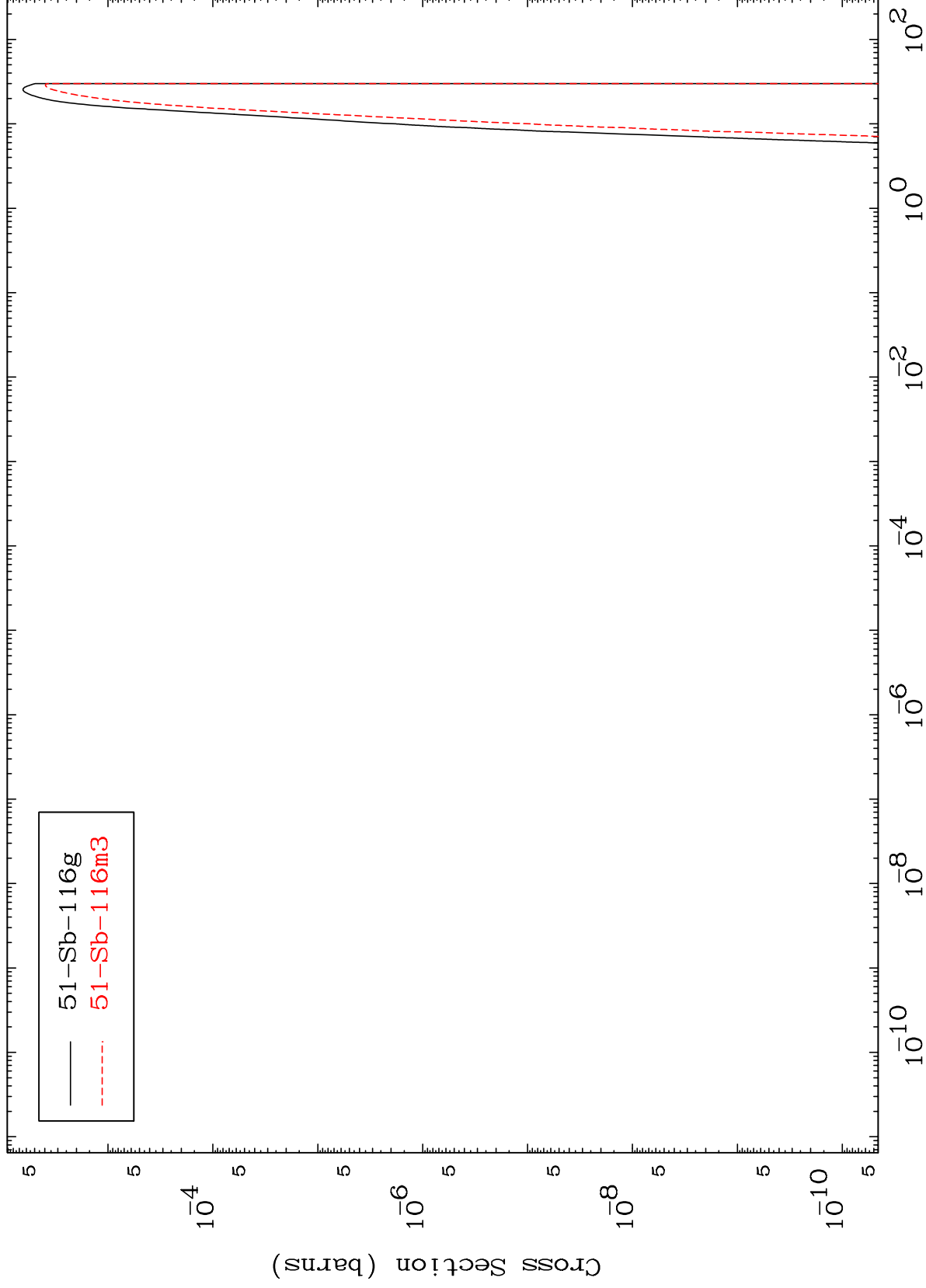


MAT 5413

(n,p) α

54-Xe-120

Radionuclide Production Cross Section



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Incident Energy (MeV)

54-Xe-120

