

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

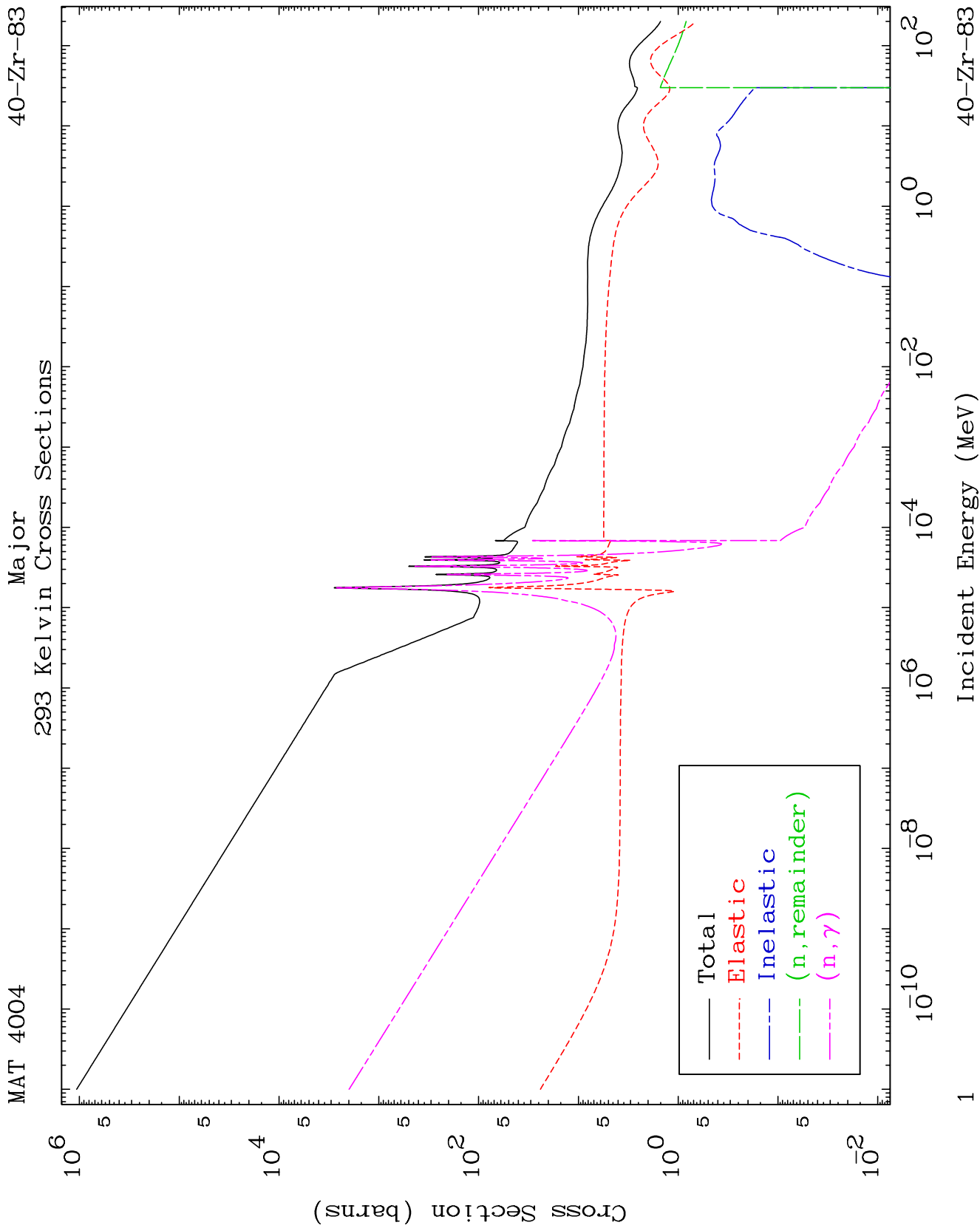
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Web: redcullen1.net/HOMEPAGE.NEW

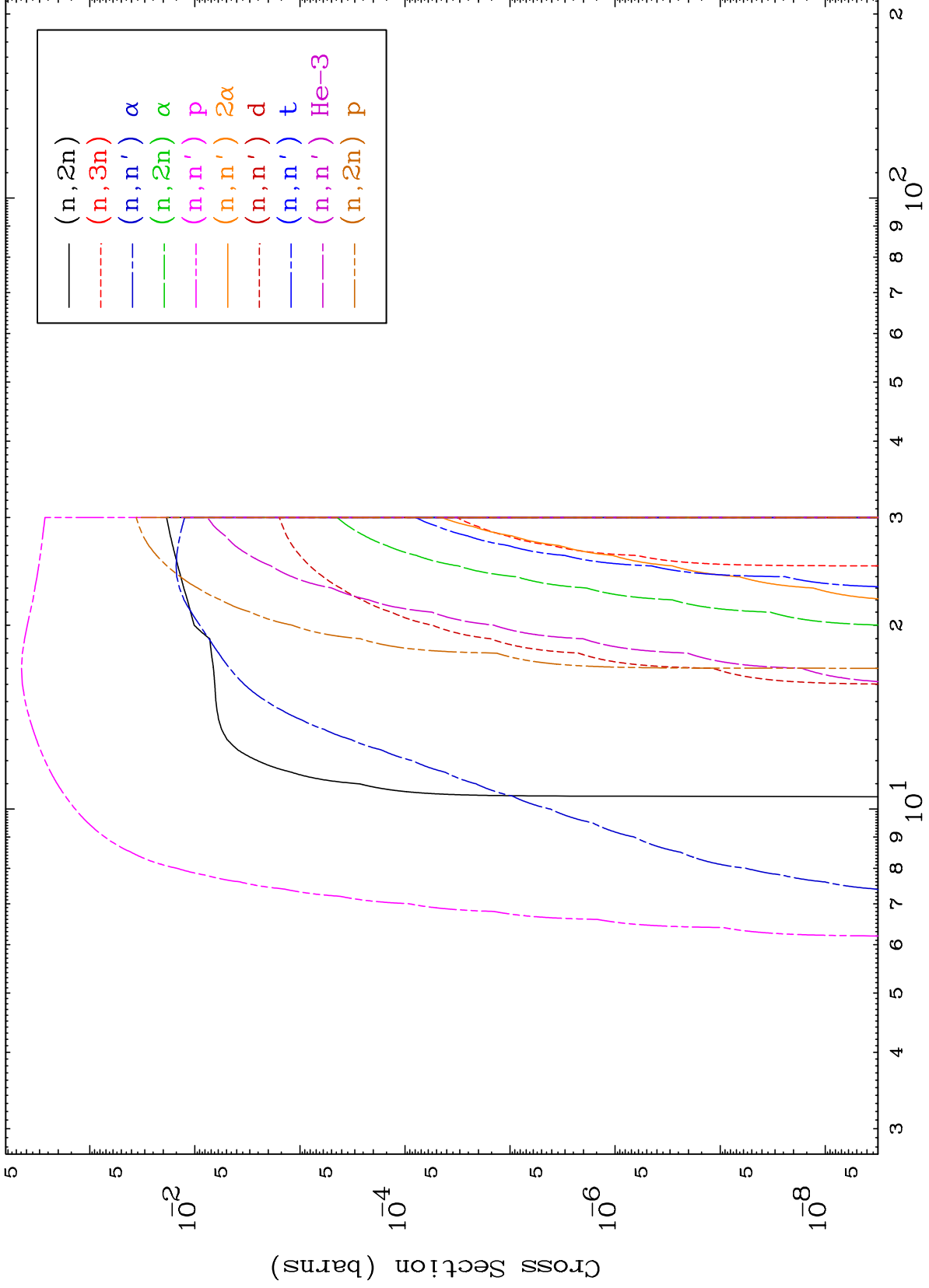
Press Mouse Button to Start



MAT 4004

Neutron Production
293 Kelvin Cross Sections

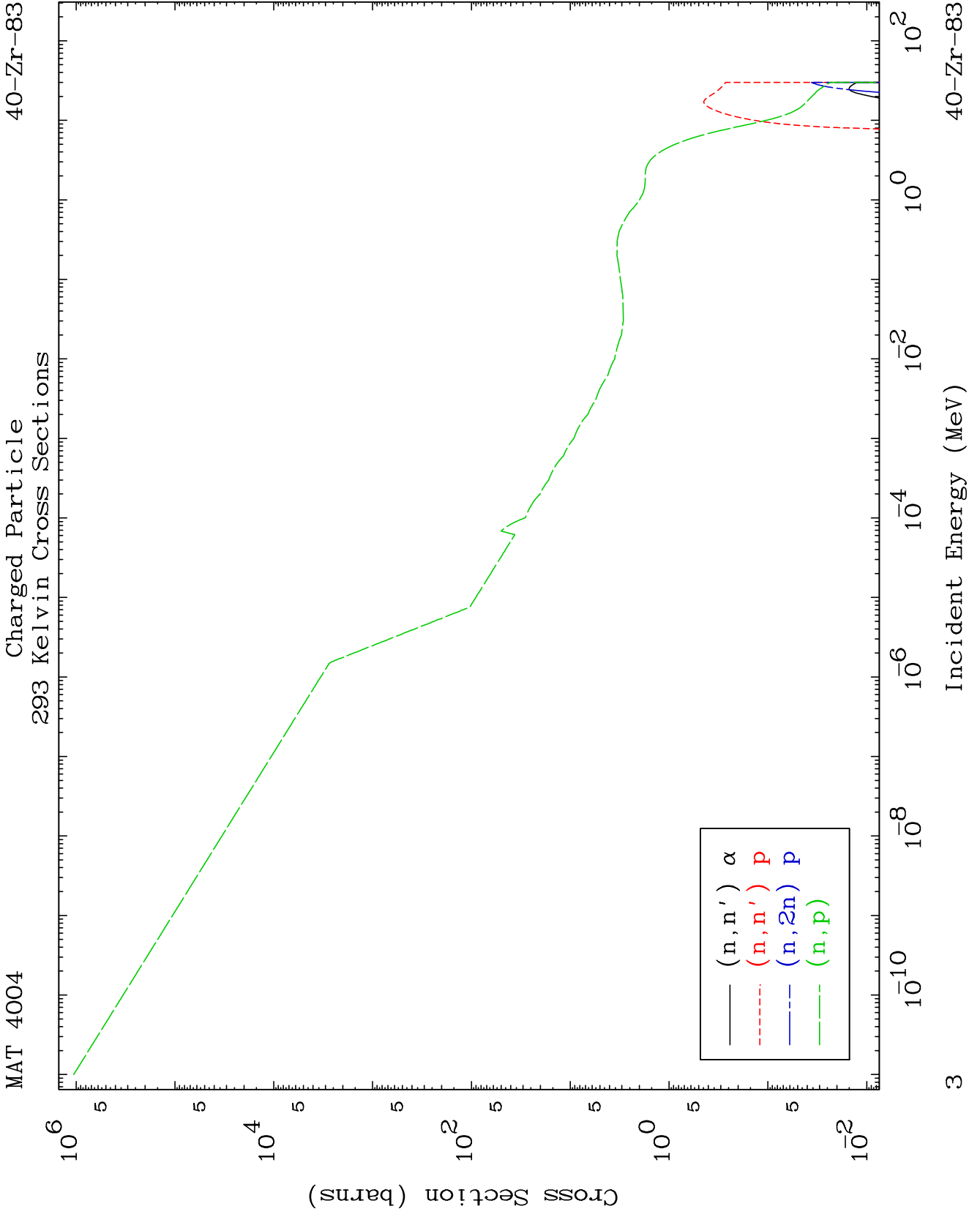
40-Zr-83



40-Zr-83

Incident Energy (MeV)

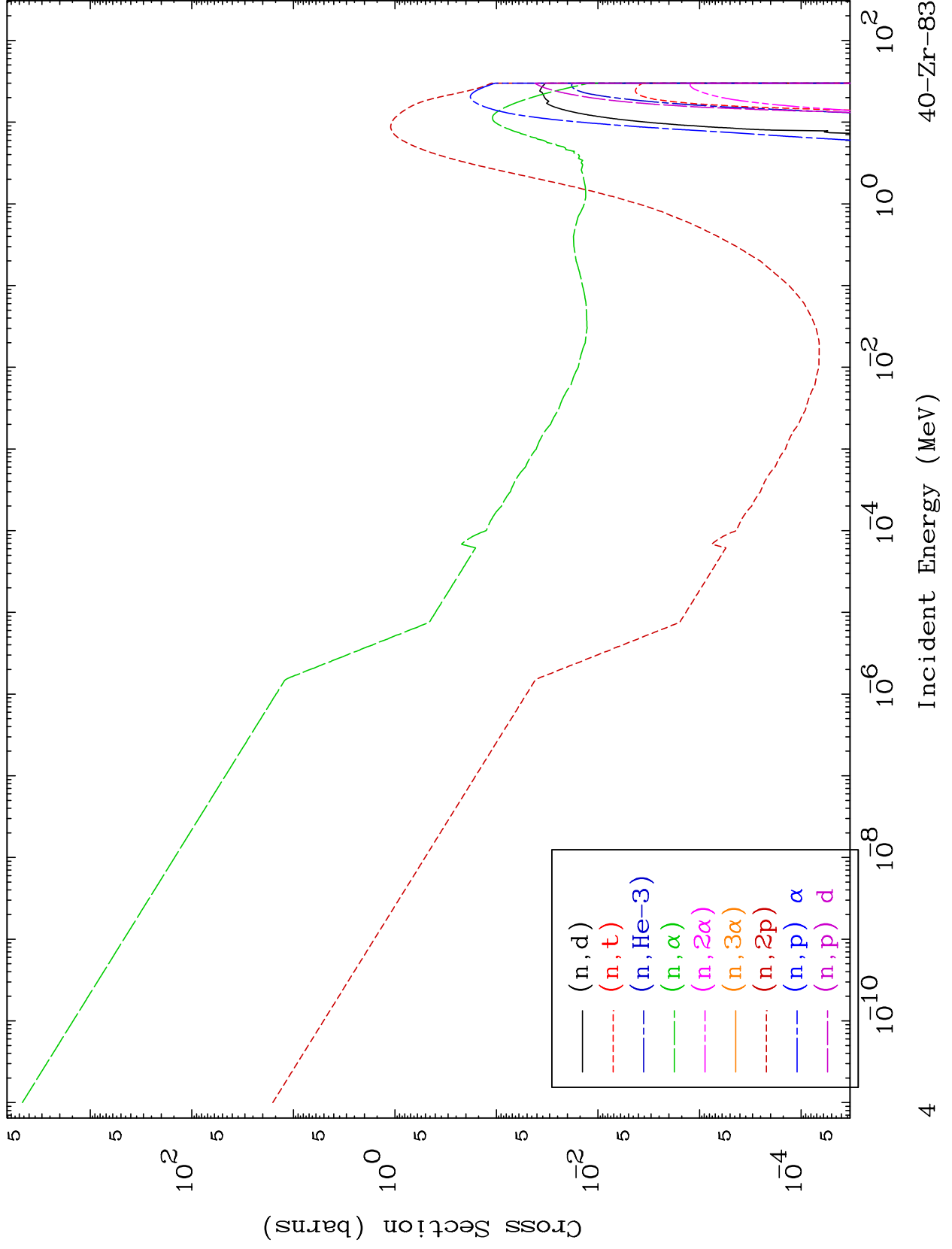
2



MAT 4004

Charged Particle
293 Kelvin Cross Sections

40-Zr-83

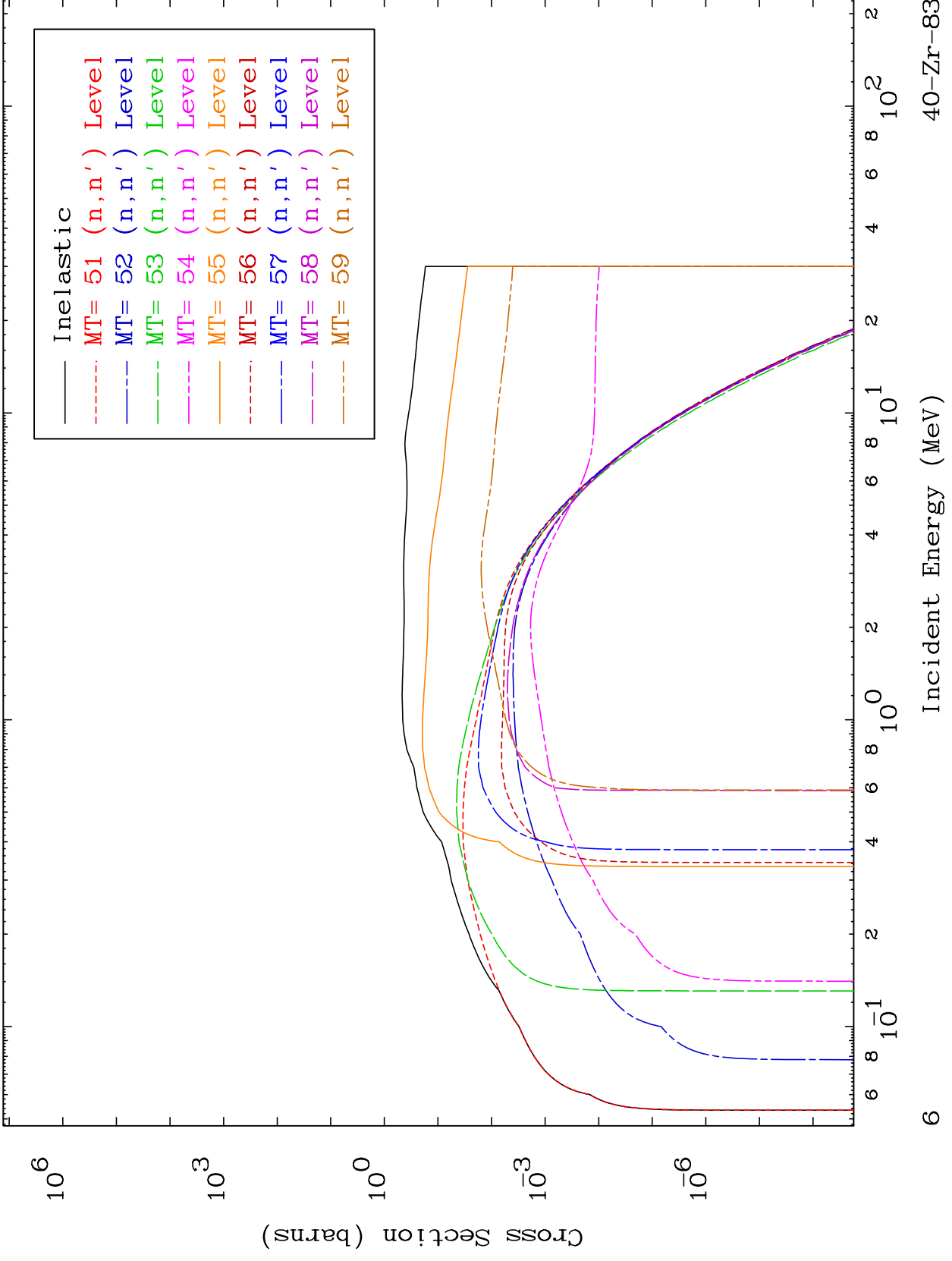


MAT 4004

(n,n') Level

40-Zr-83

293 Kelvin Cross Sections



6

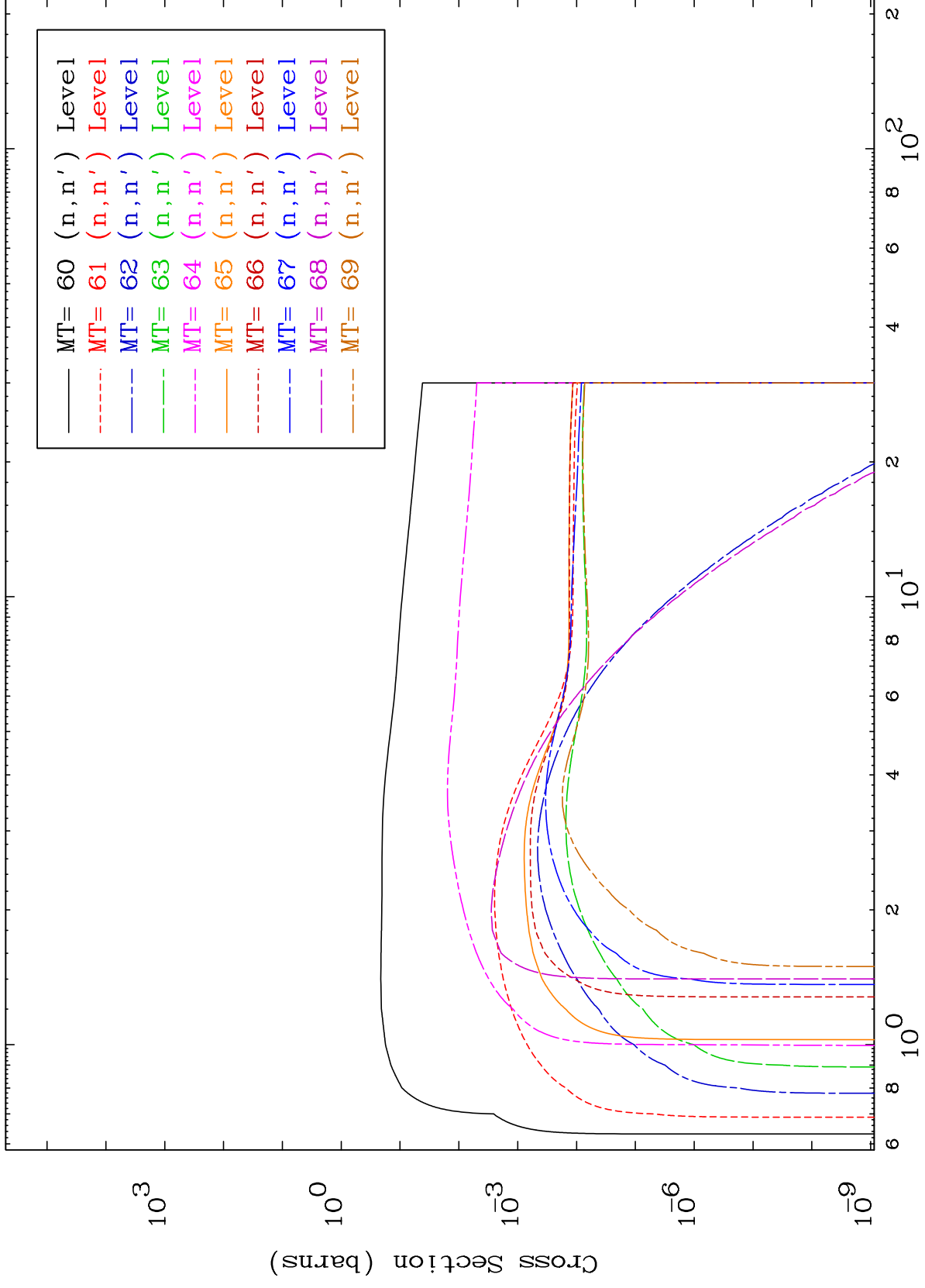
40-Zr-83

MAT 4004

(n,n') Level

40-Zr-83

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-83

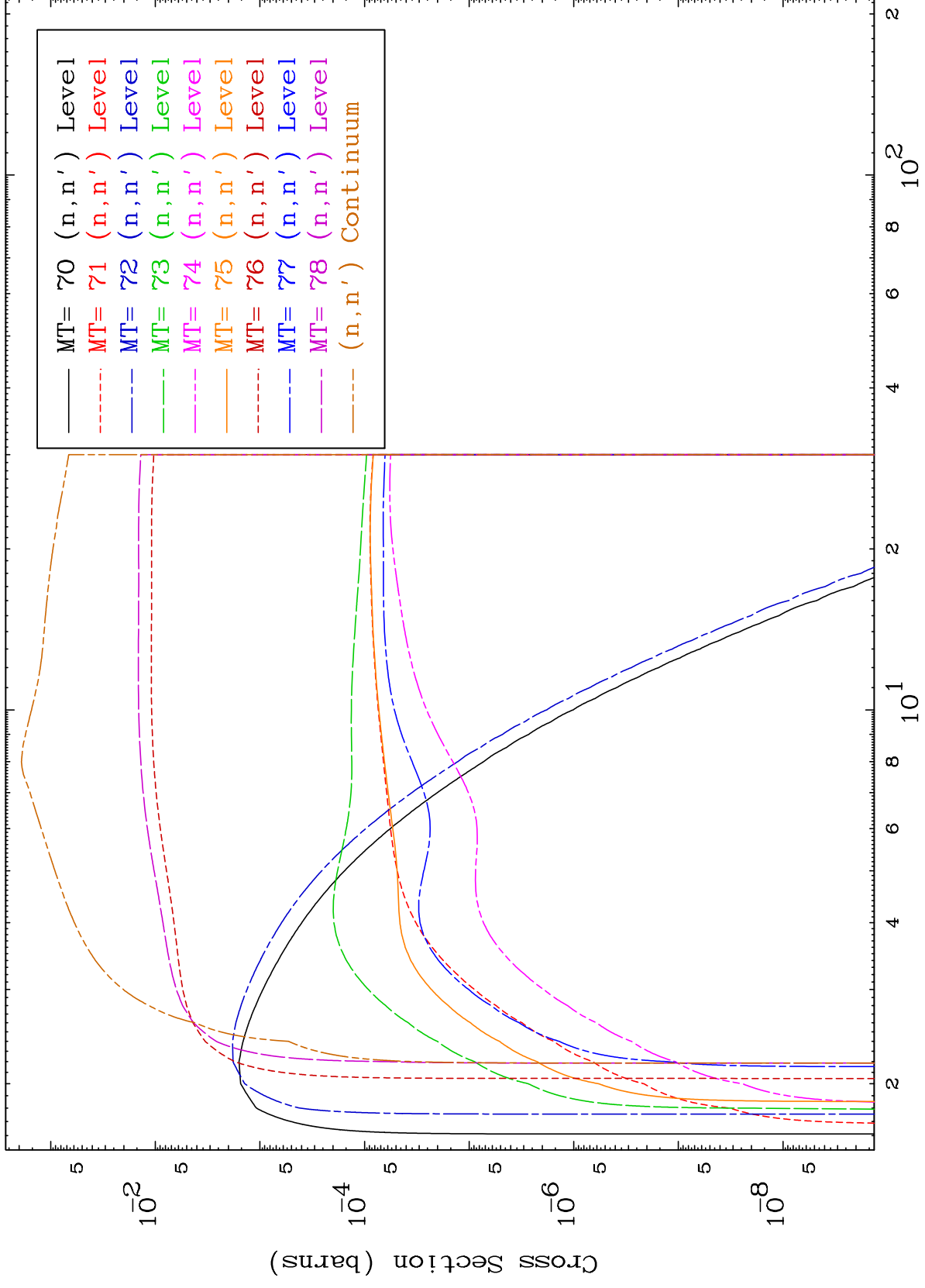
7

MAT 4004

(n,n') Level

40-Zr-83

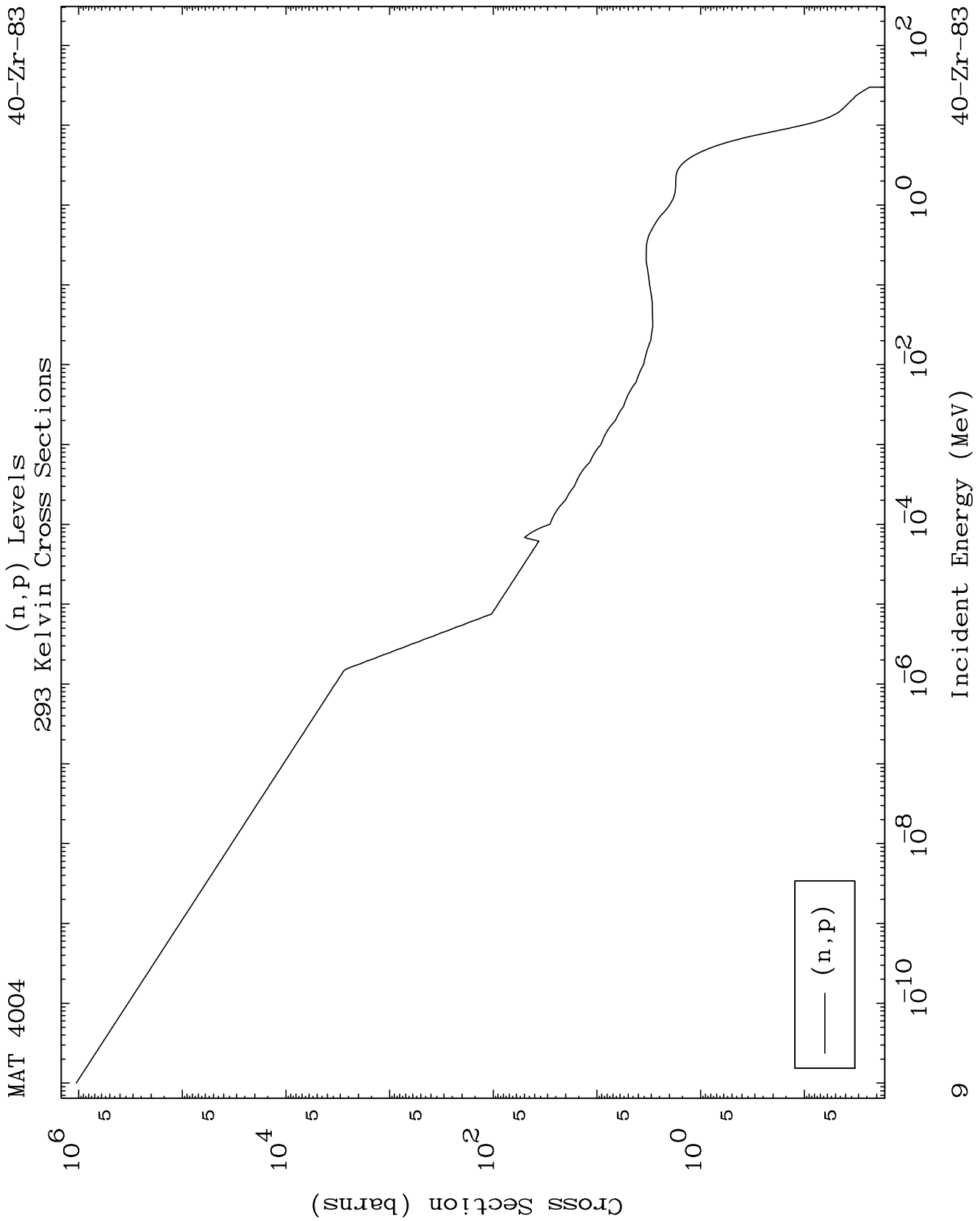
293 Kelvin Cross Sections

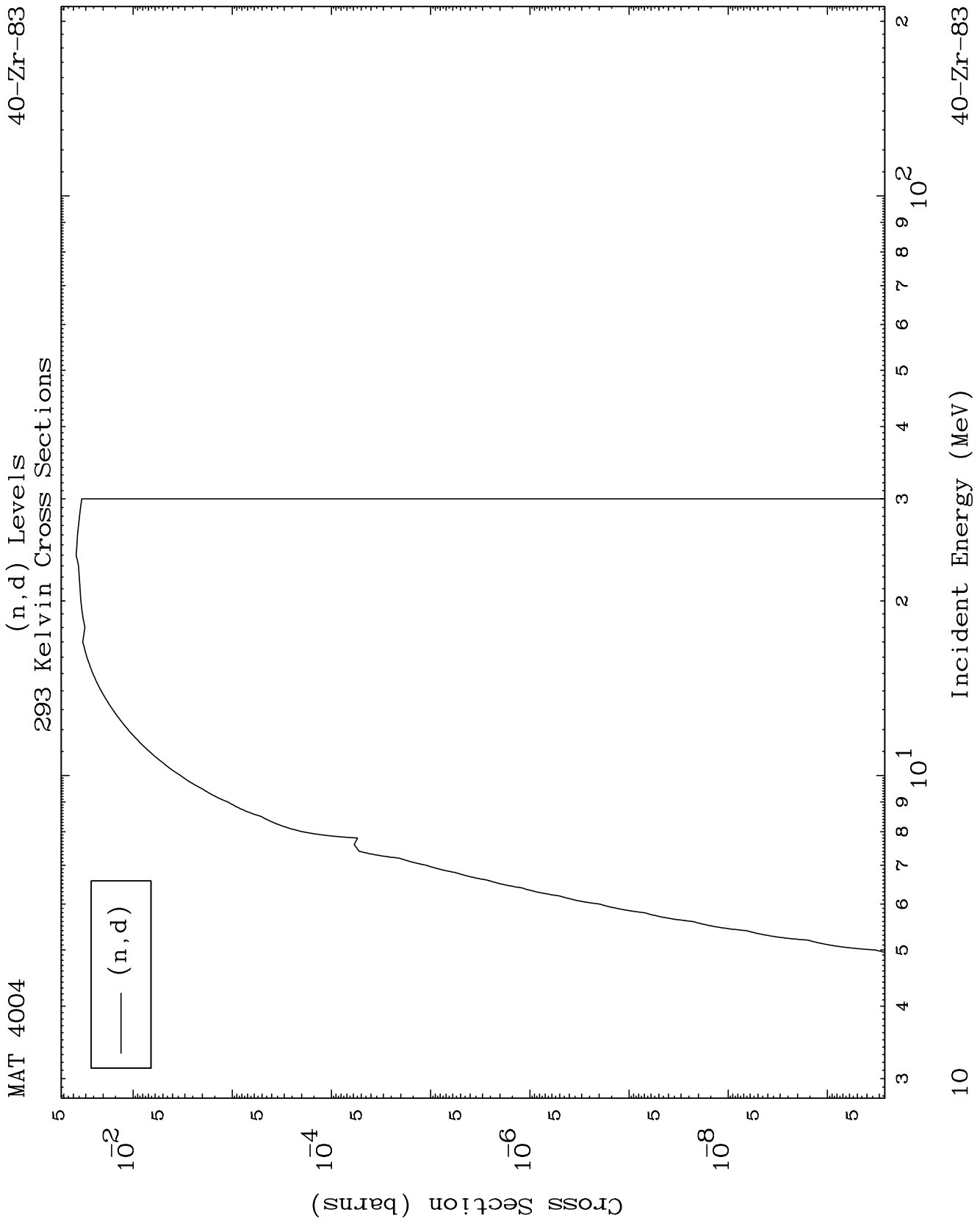


8

Incident Energy (MeV)

40-Zr-83

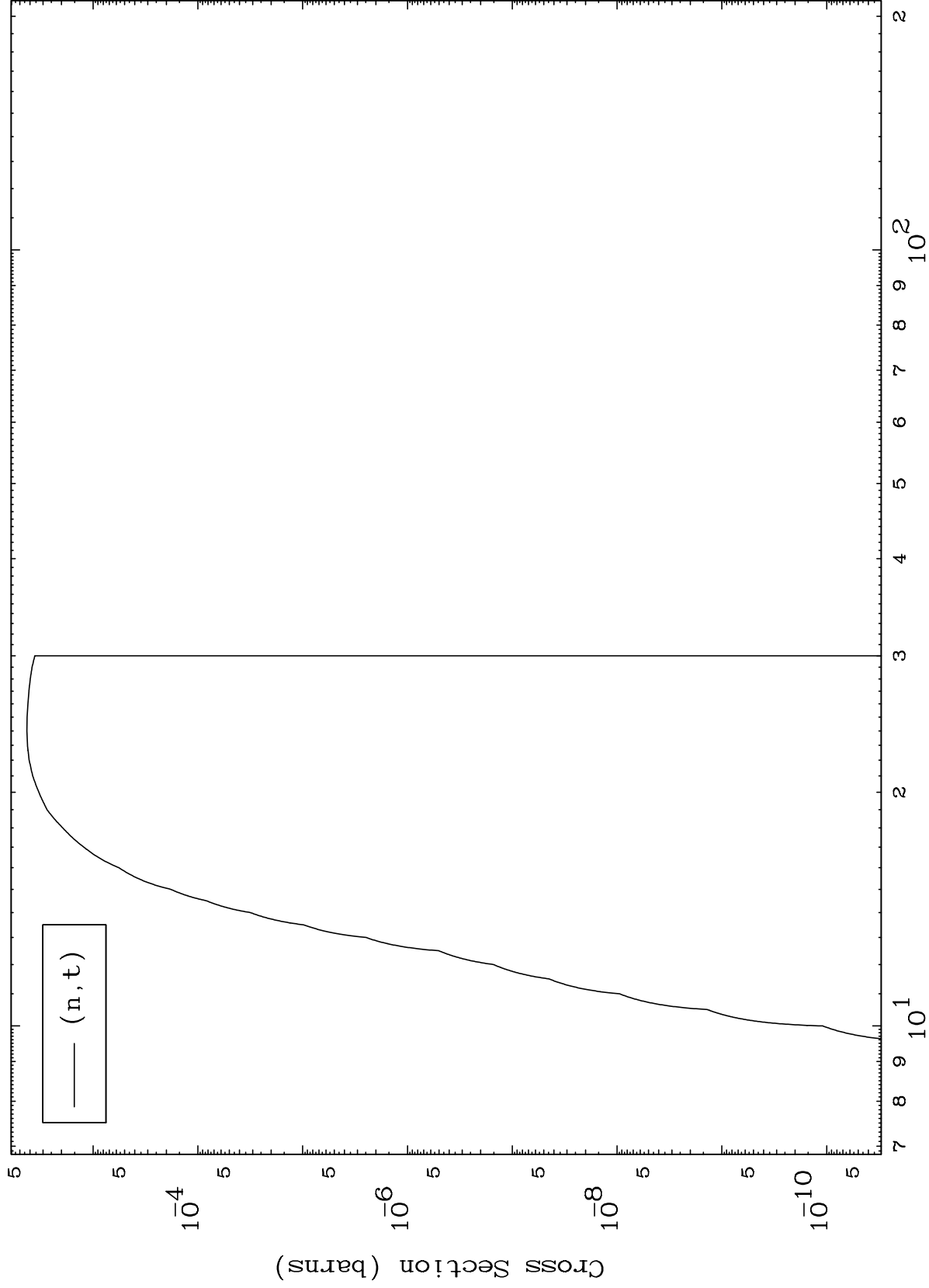




MAT 4004

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-83



11

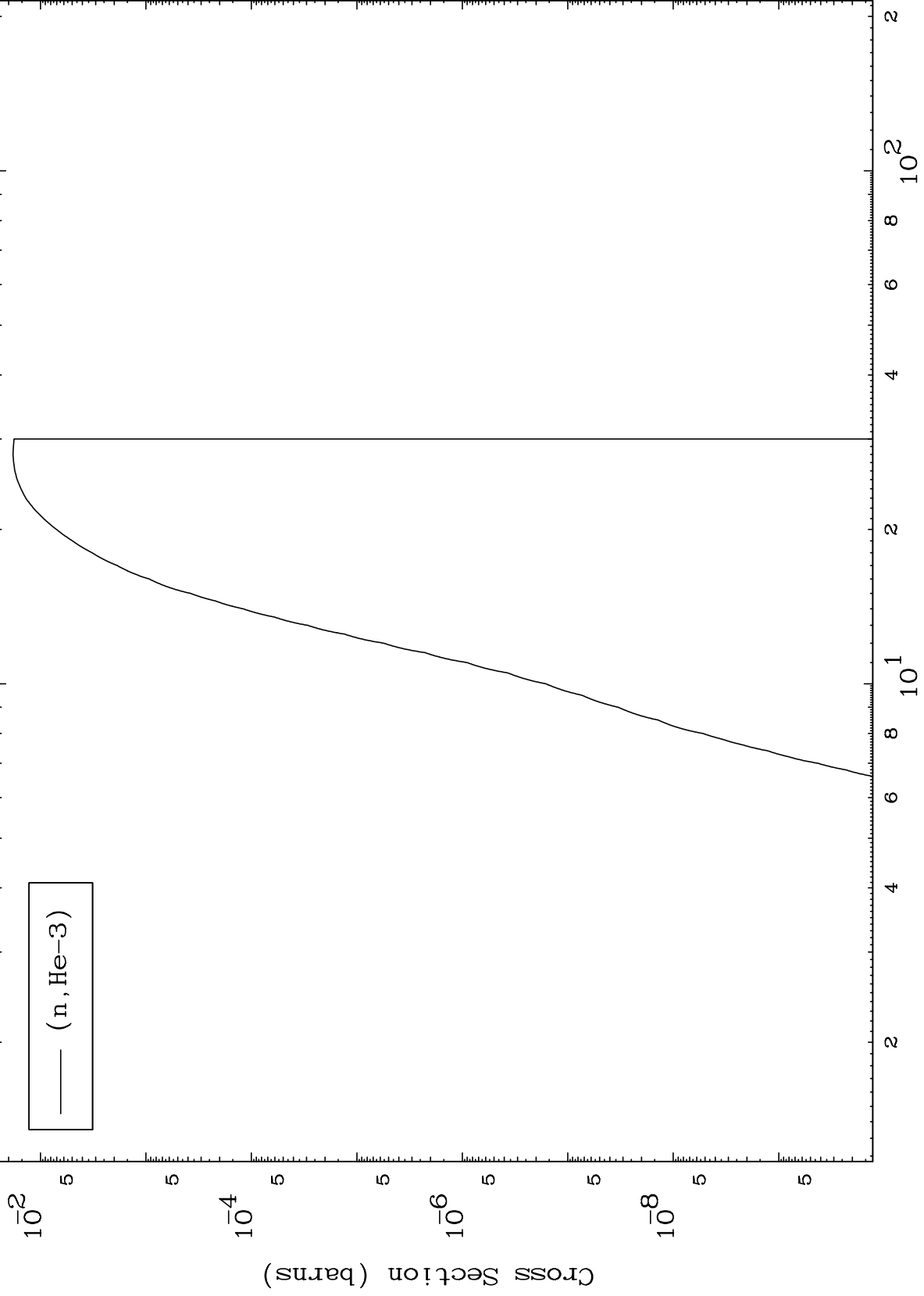
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,He3) Levels
293 Kelvin Cross Sections

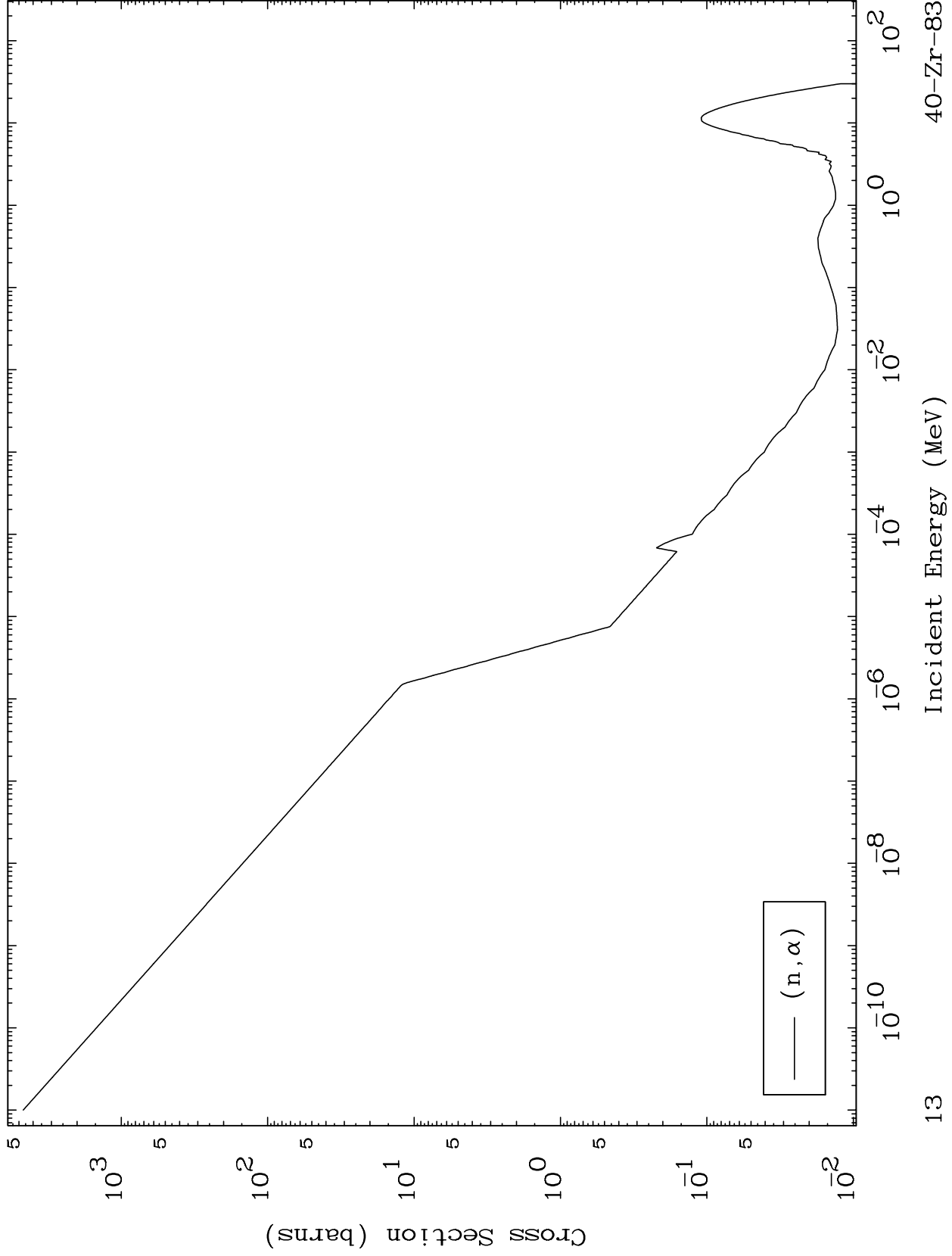
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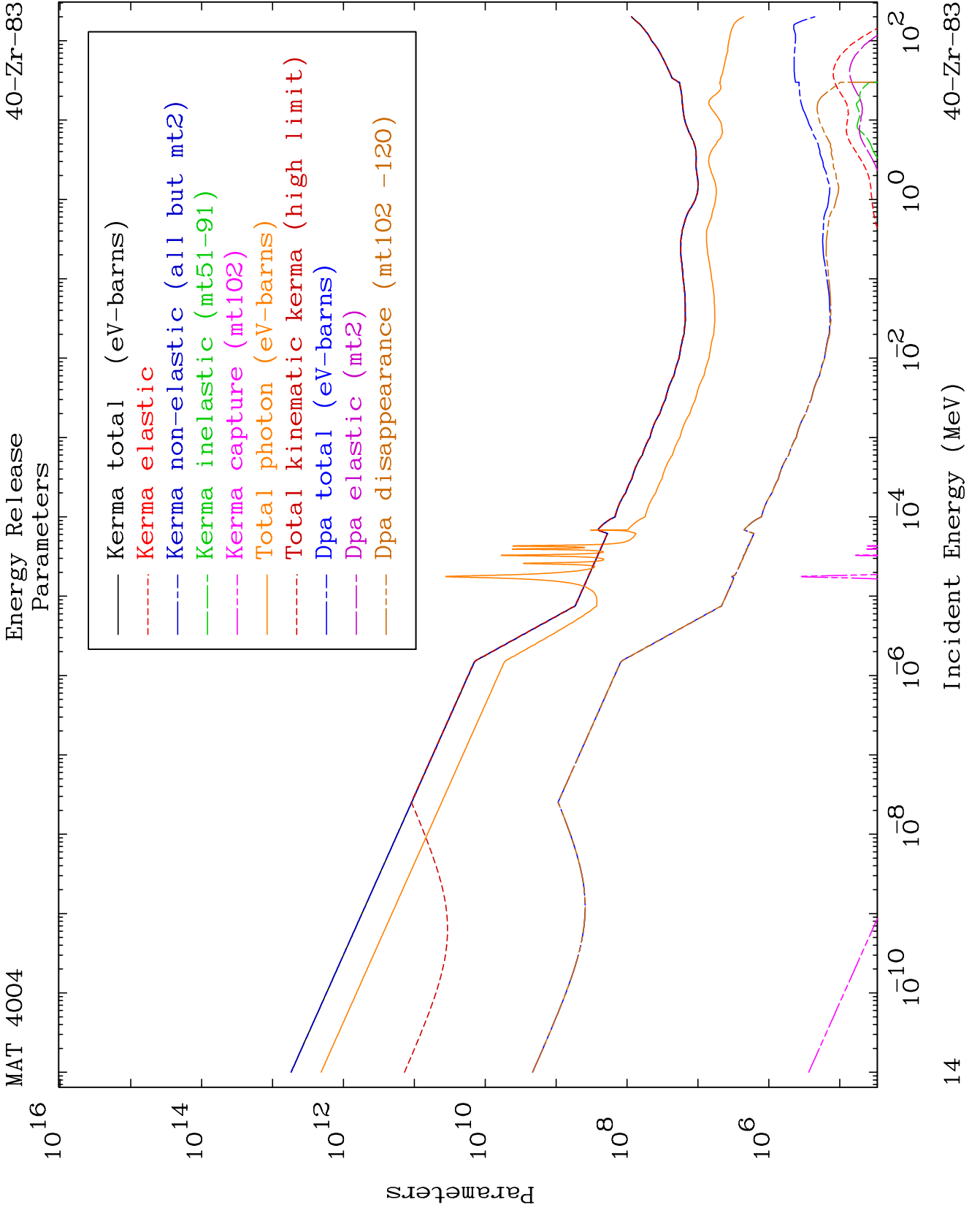


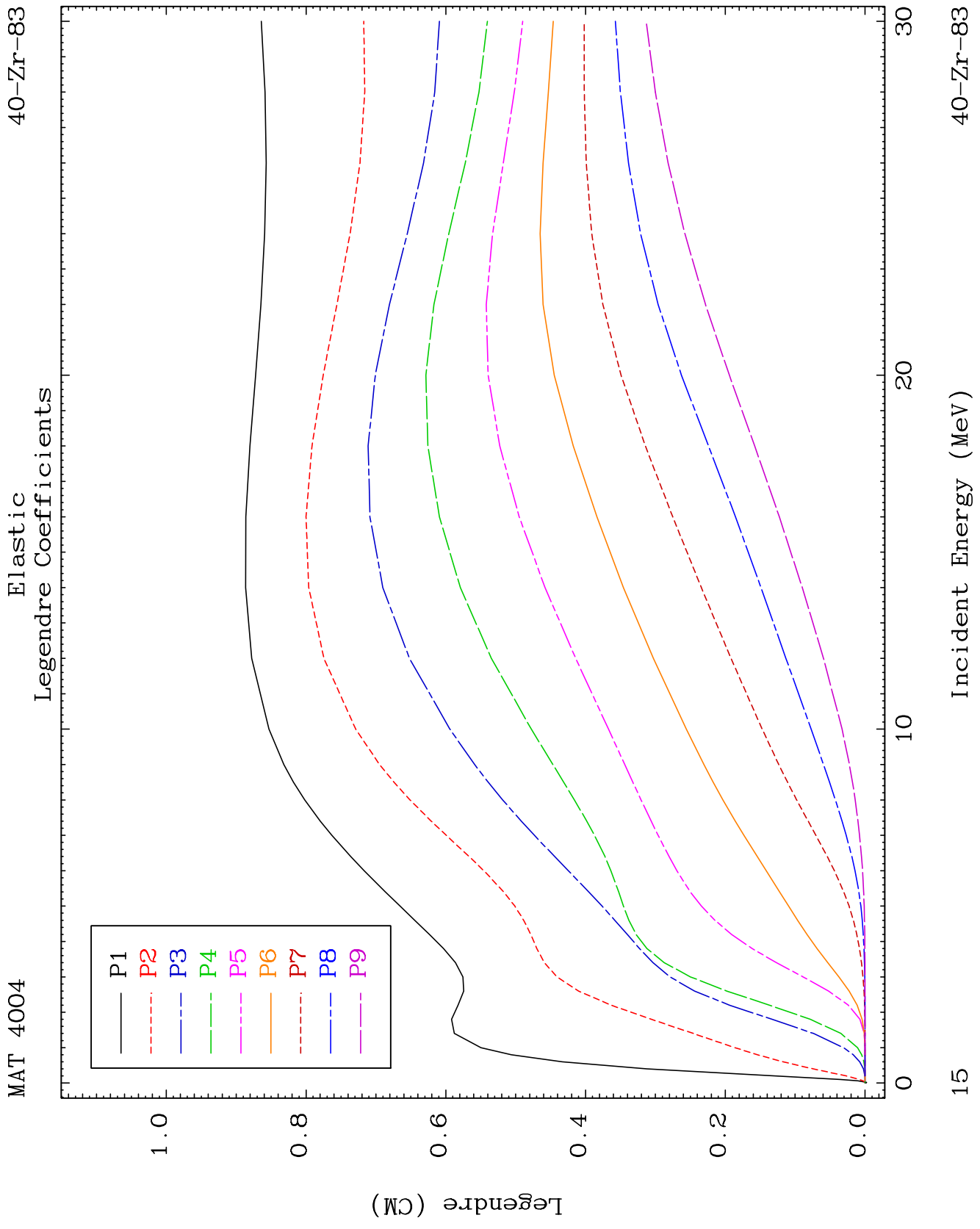
MAT 4004

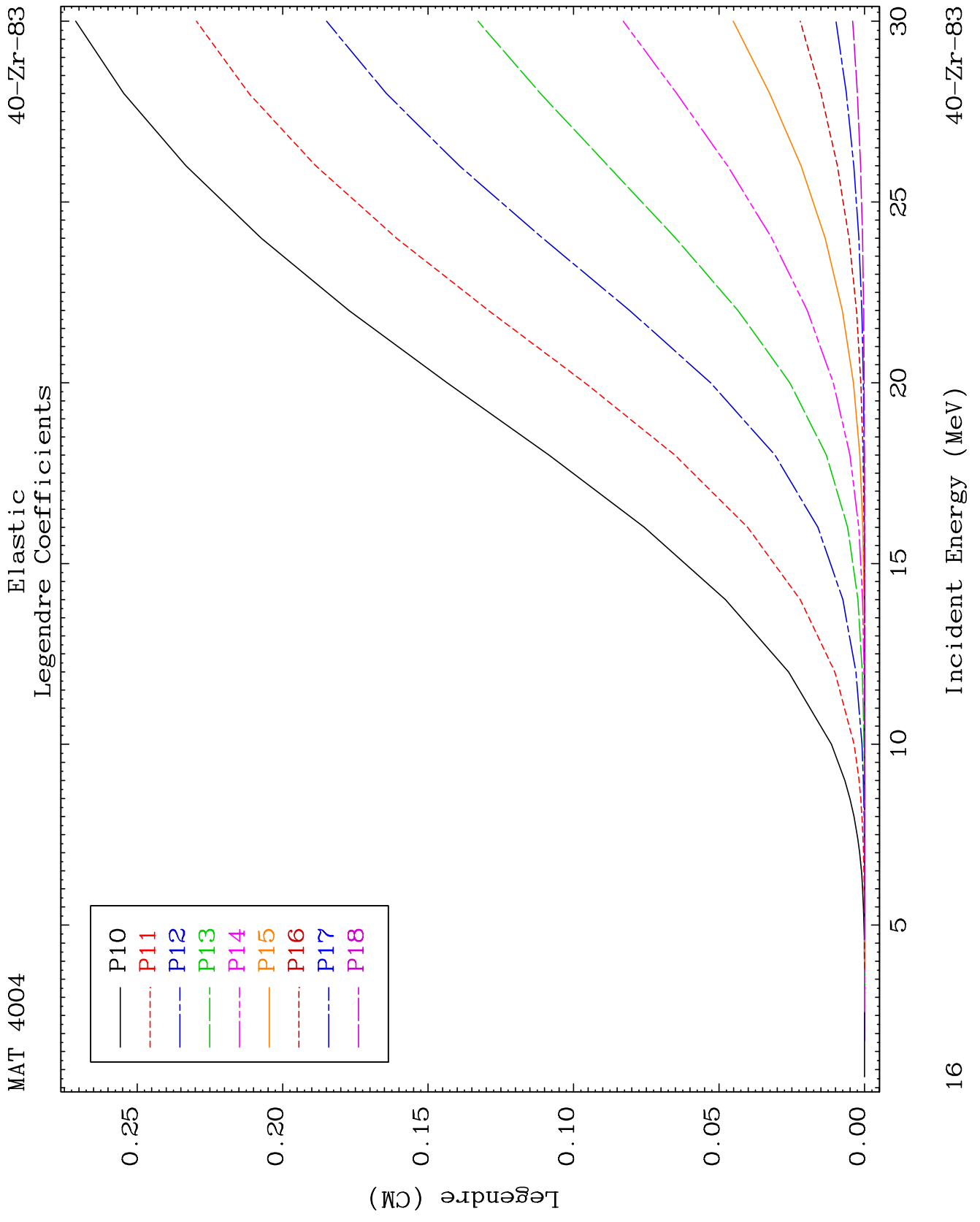
(n, α) Levels
293 Kelvin Cross Sections

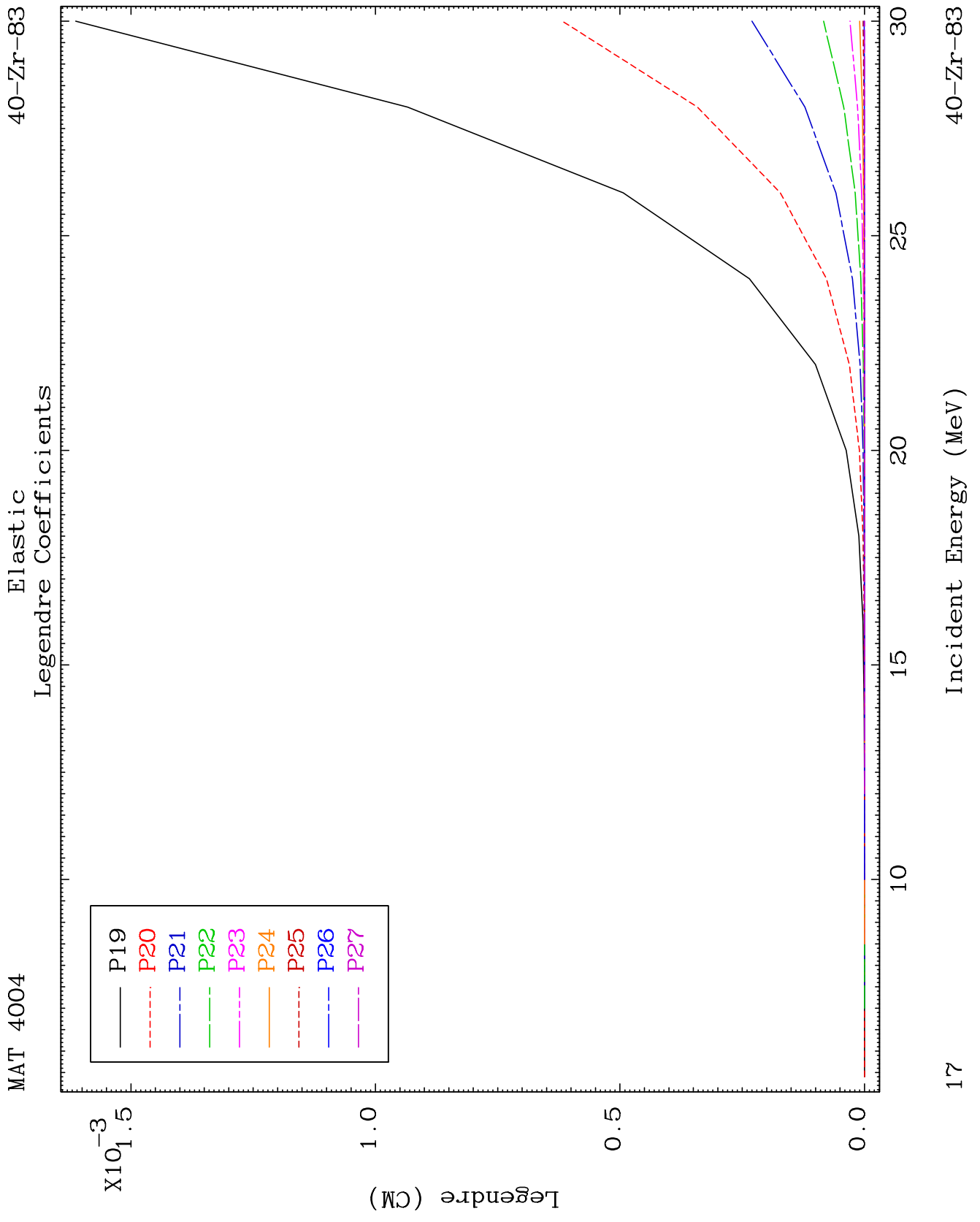
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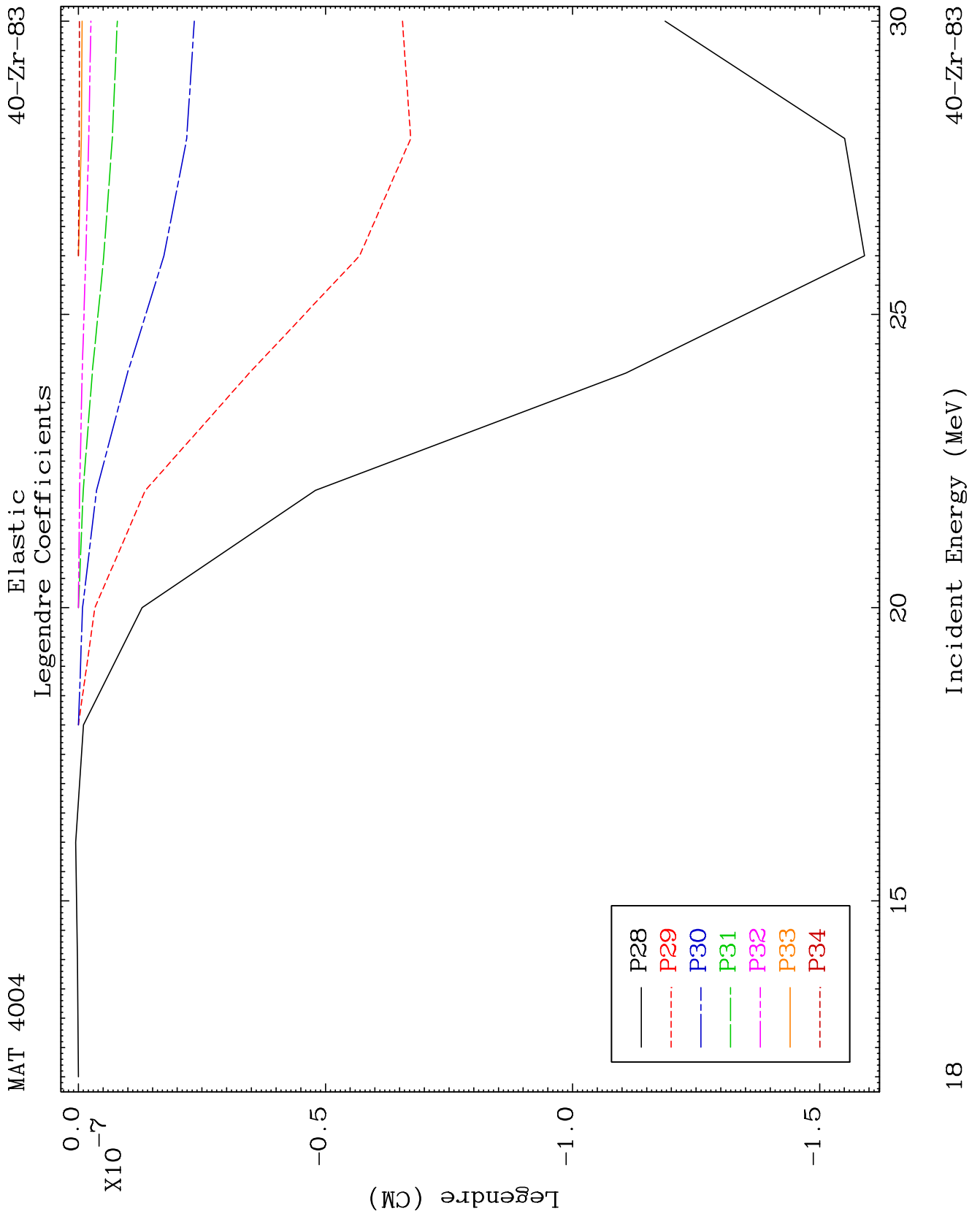


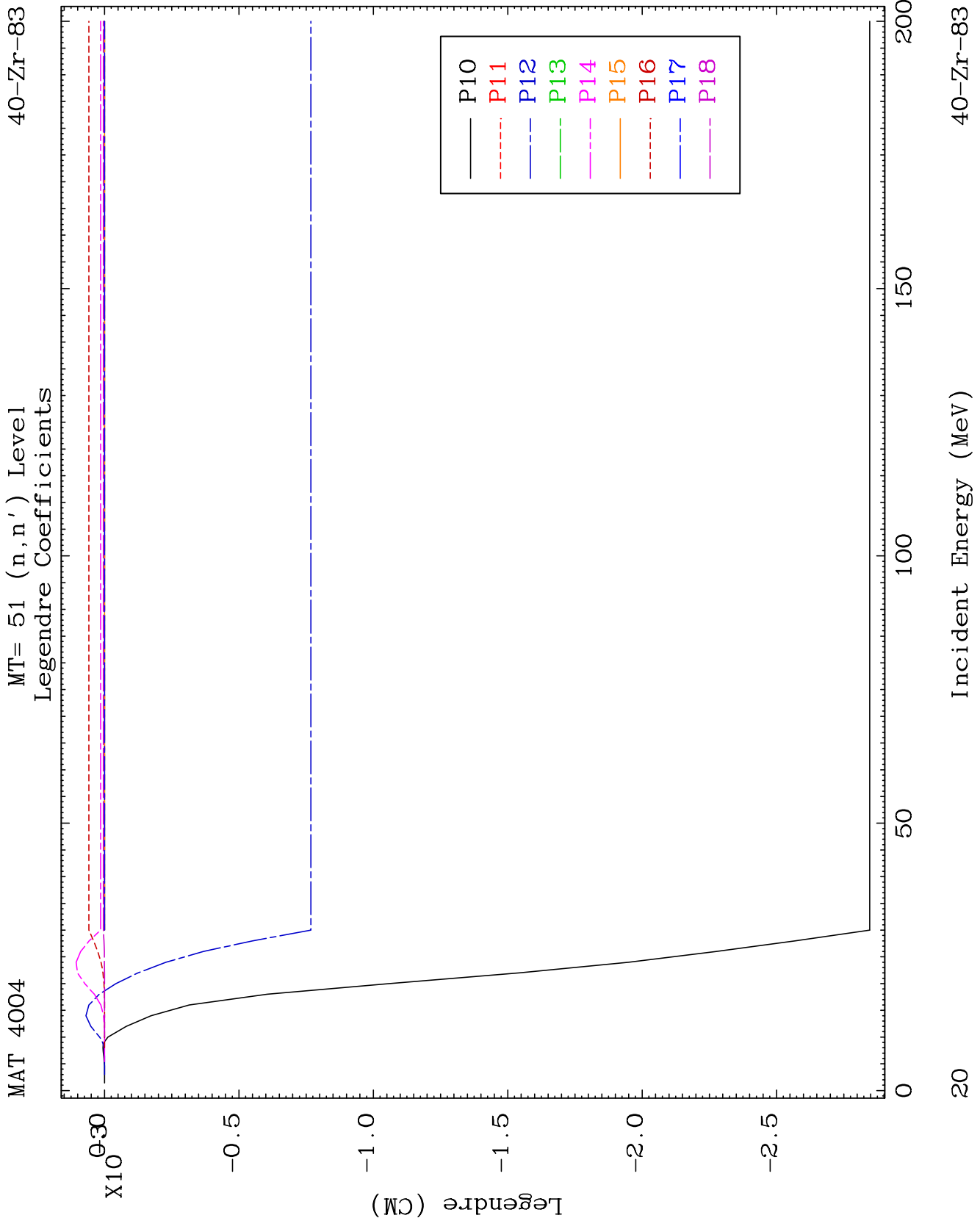


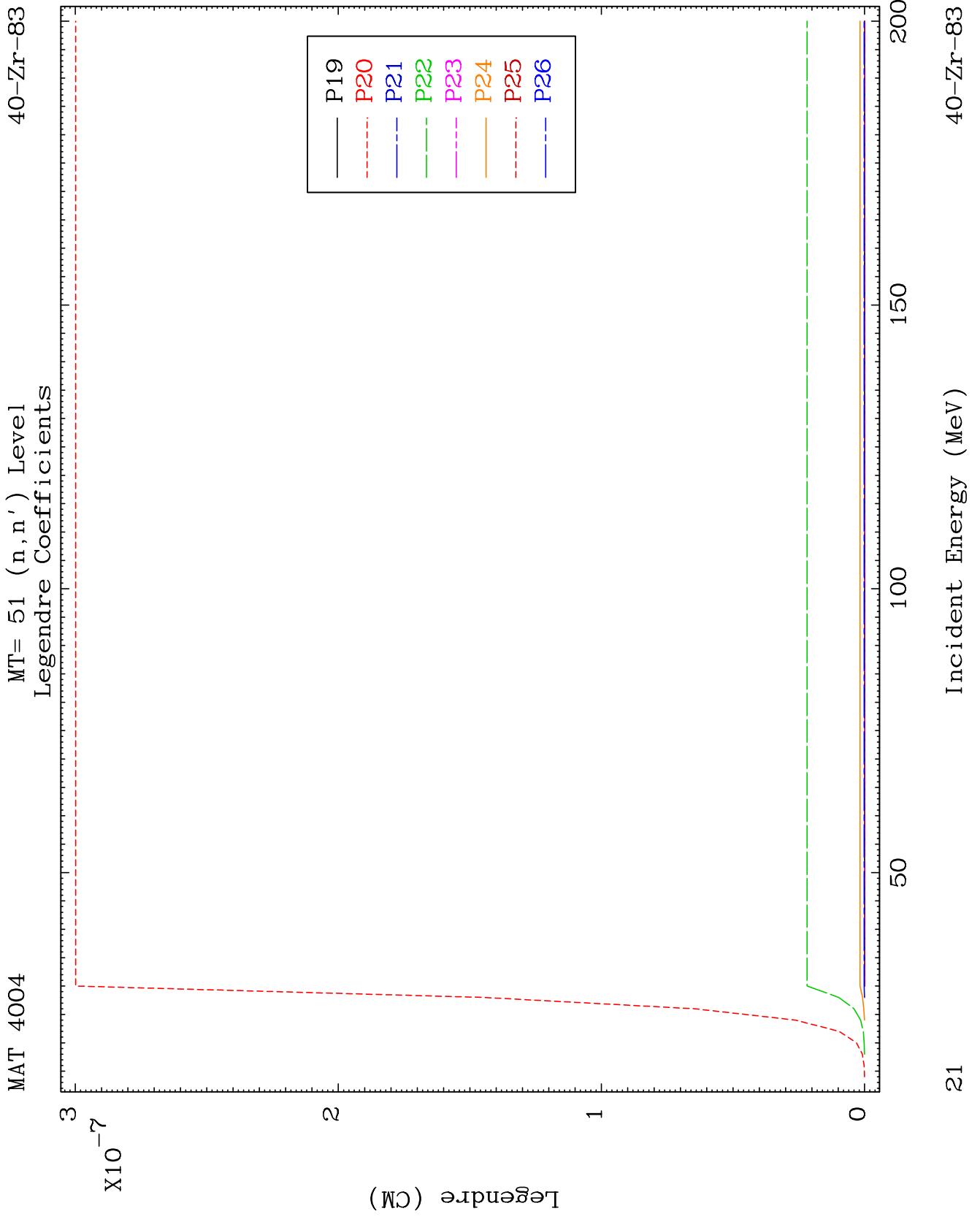


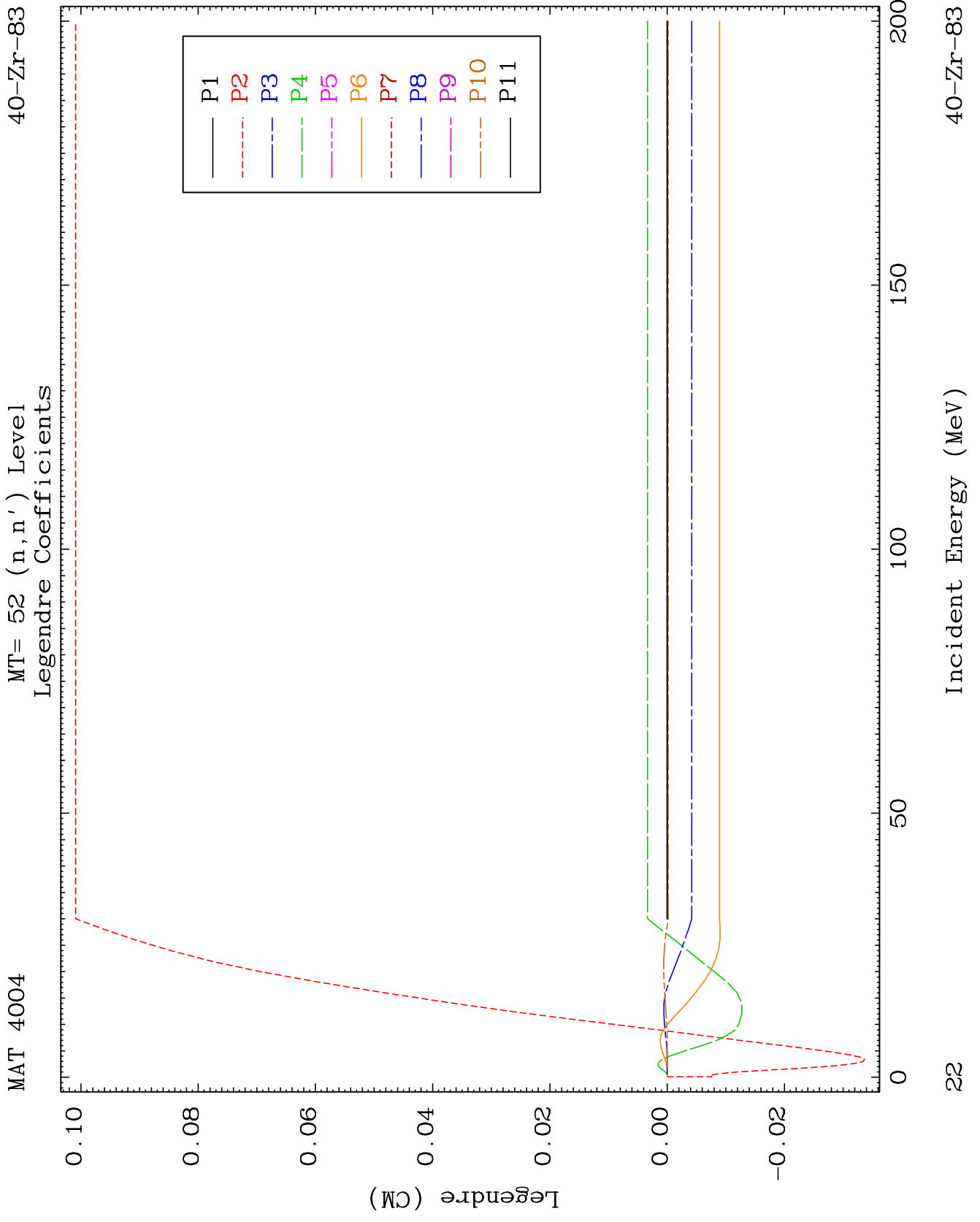








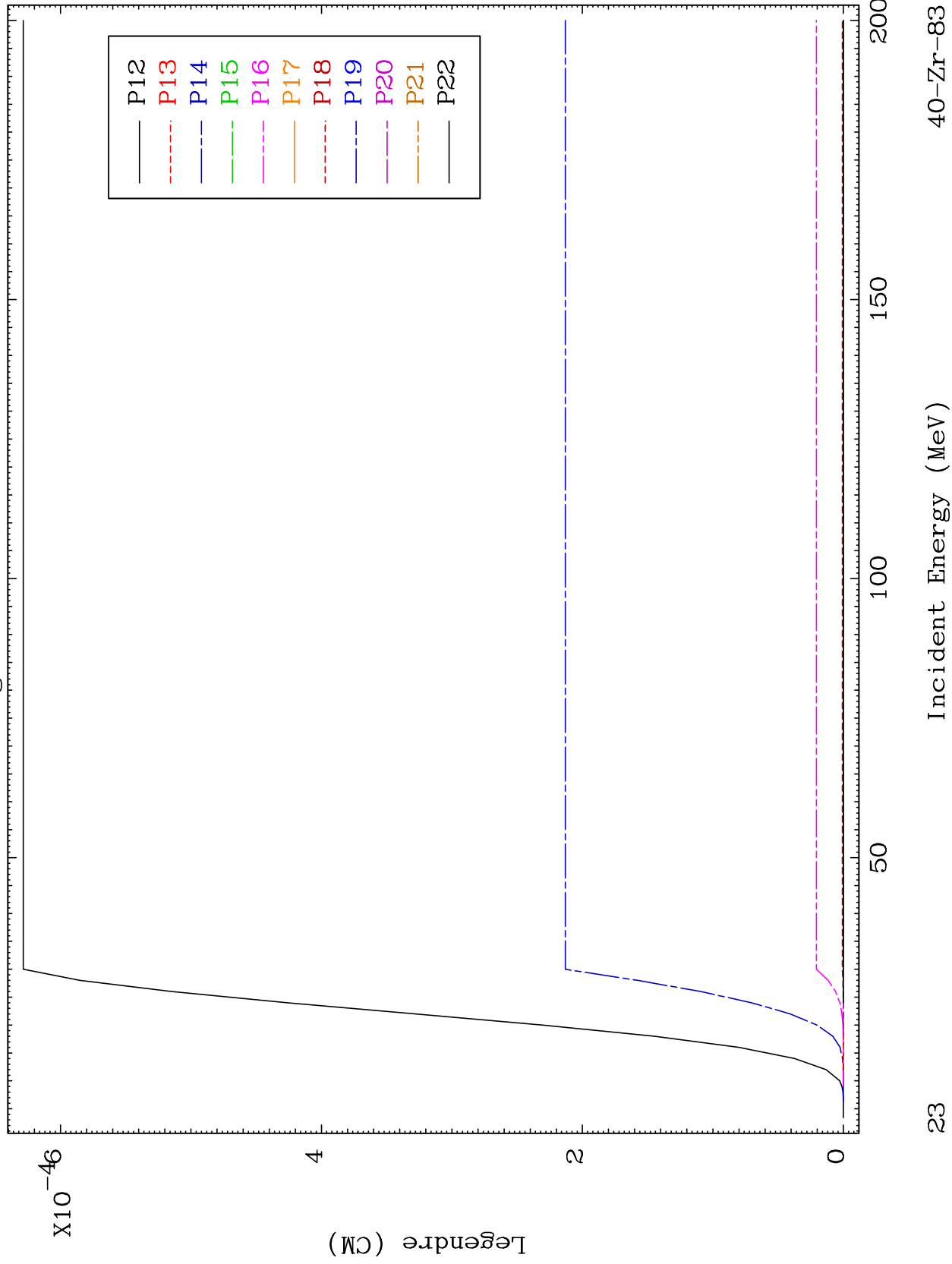




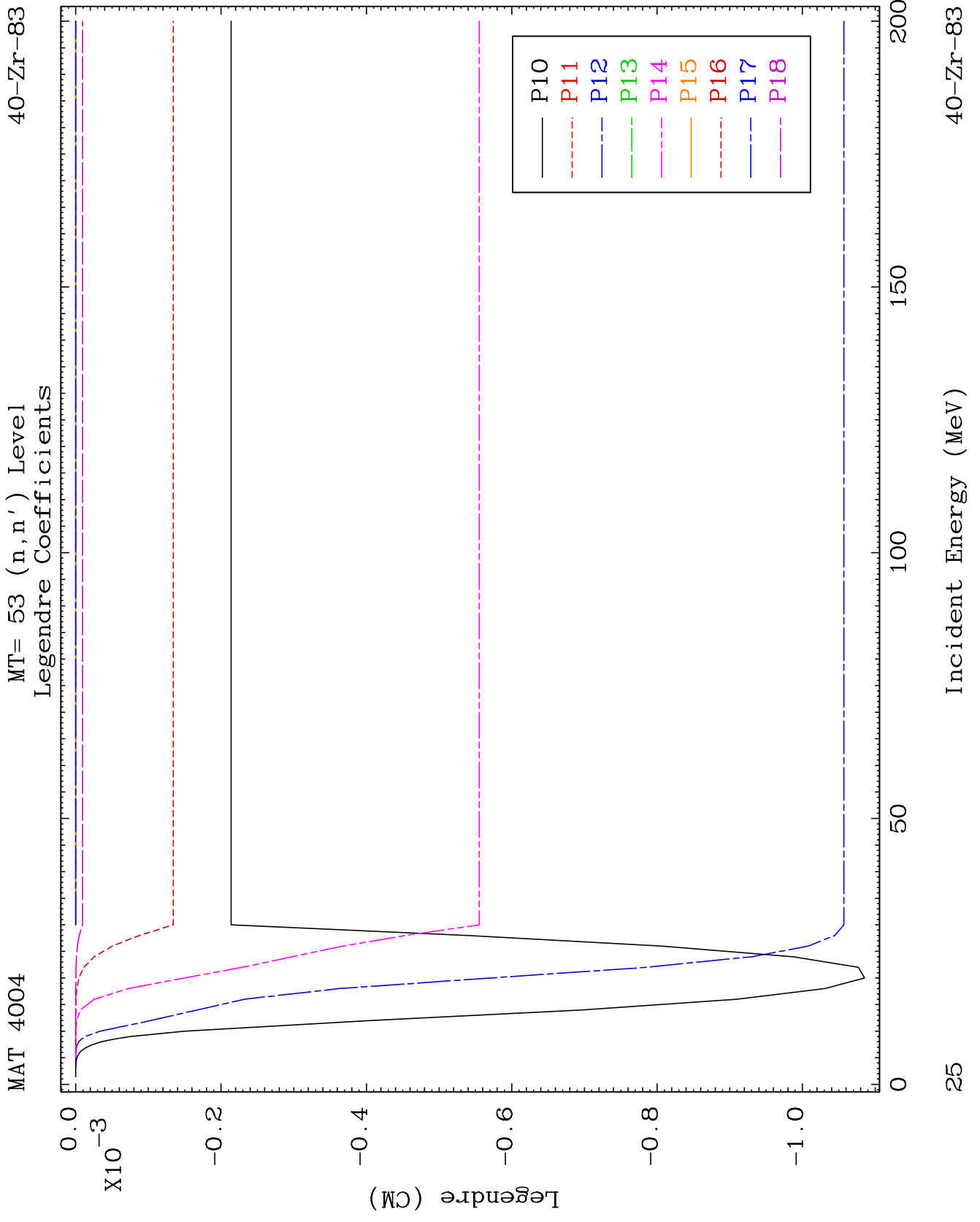
MAT 4004

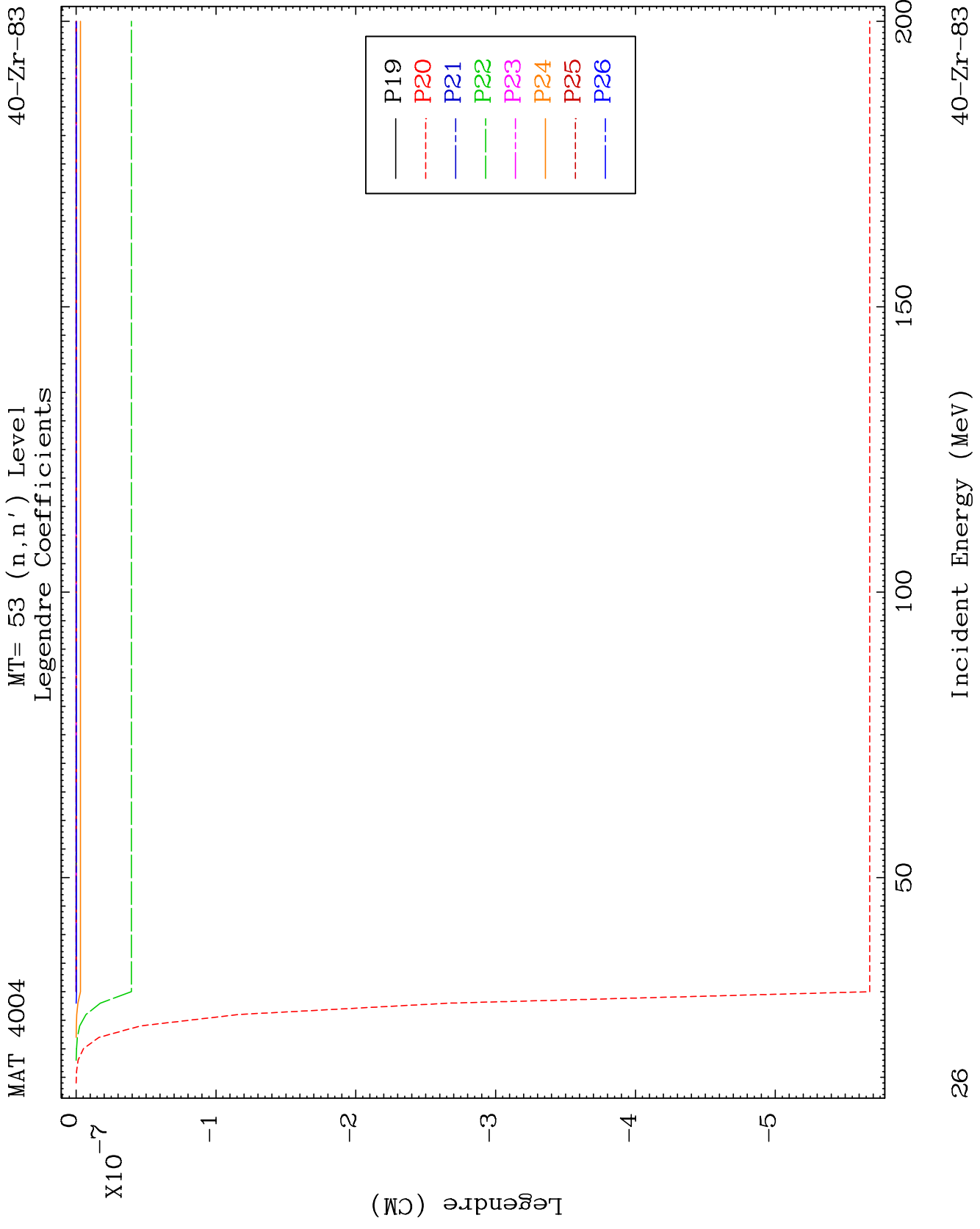
MT= 52 (n,n') Level
Legendre Coefficients

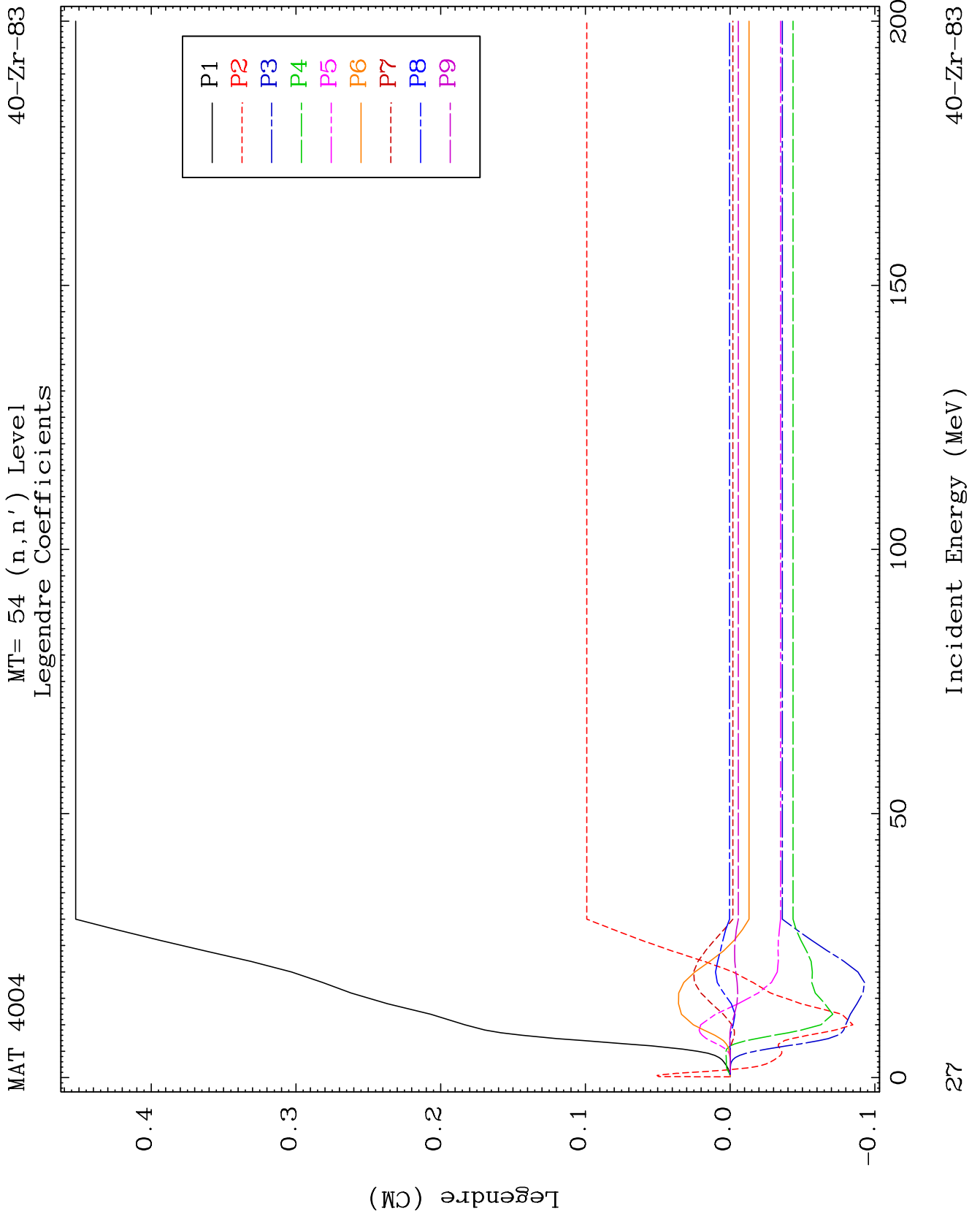
40-Zr-83



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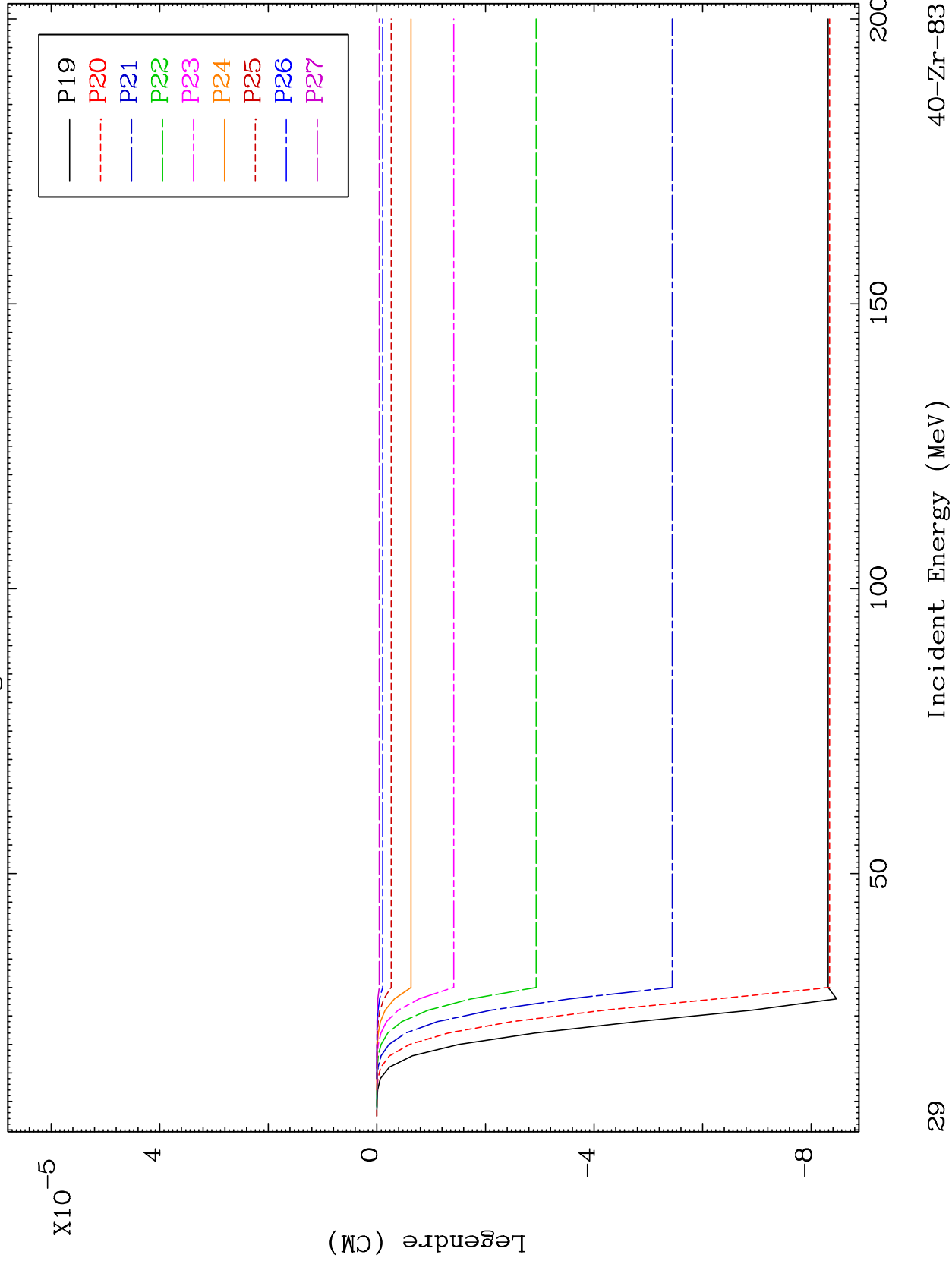


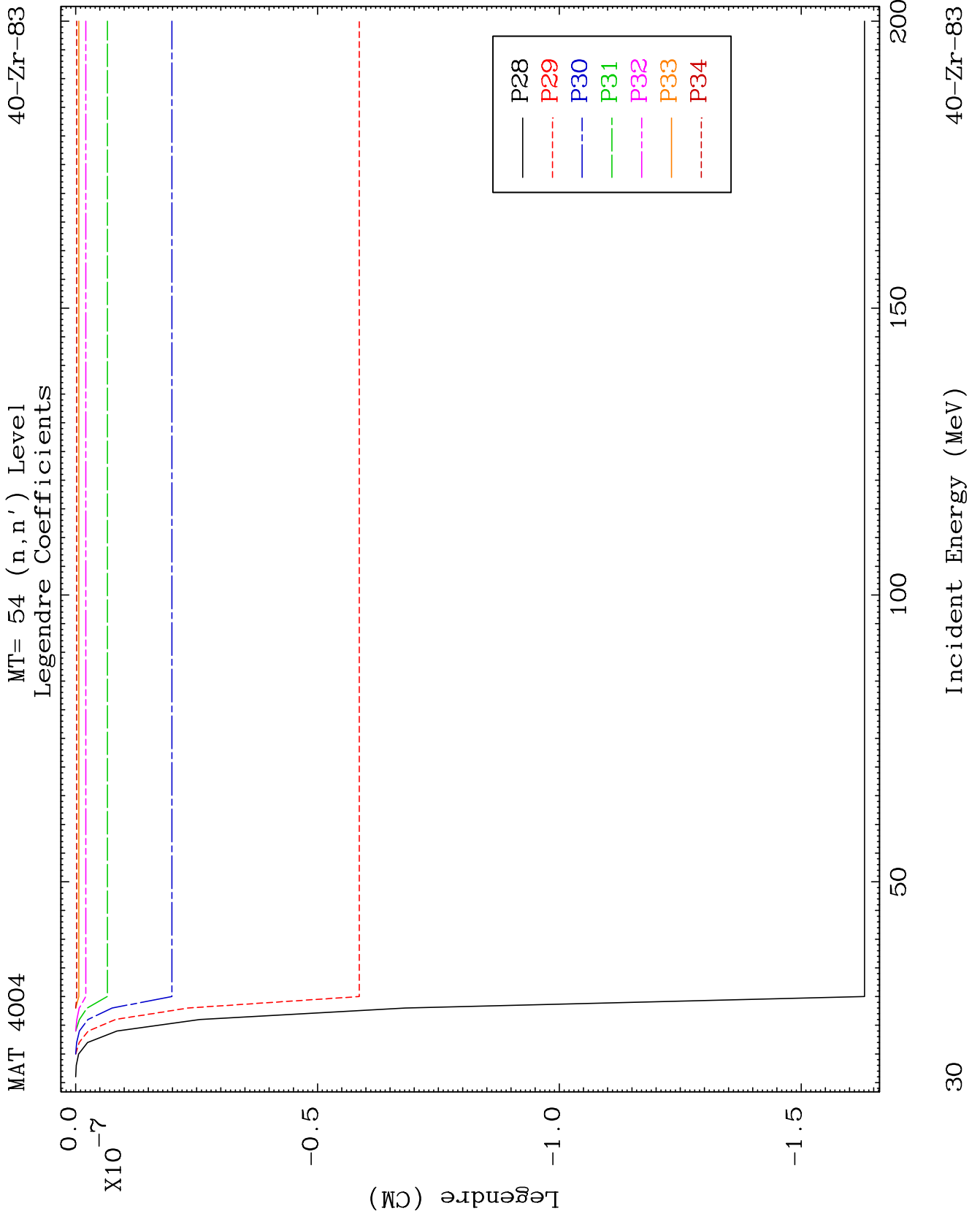


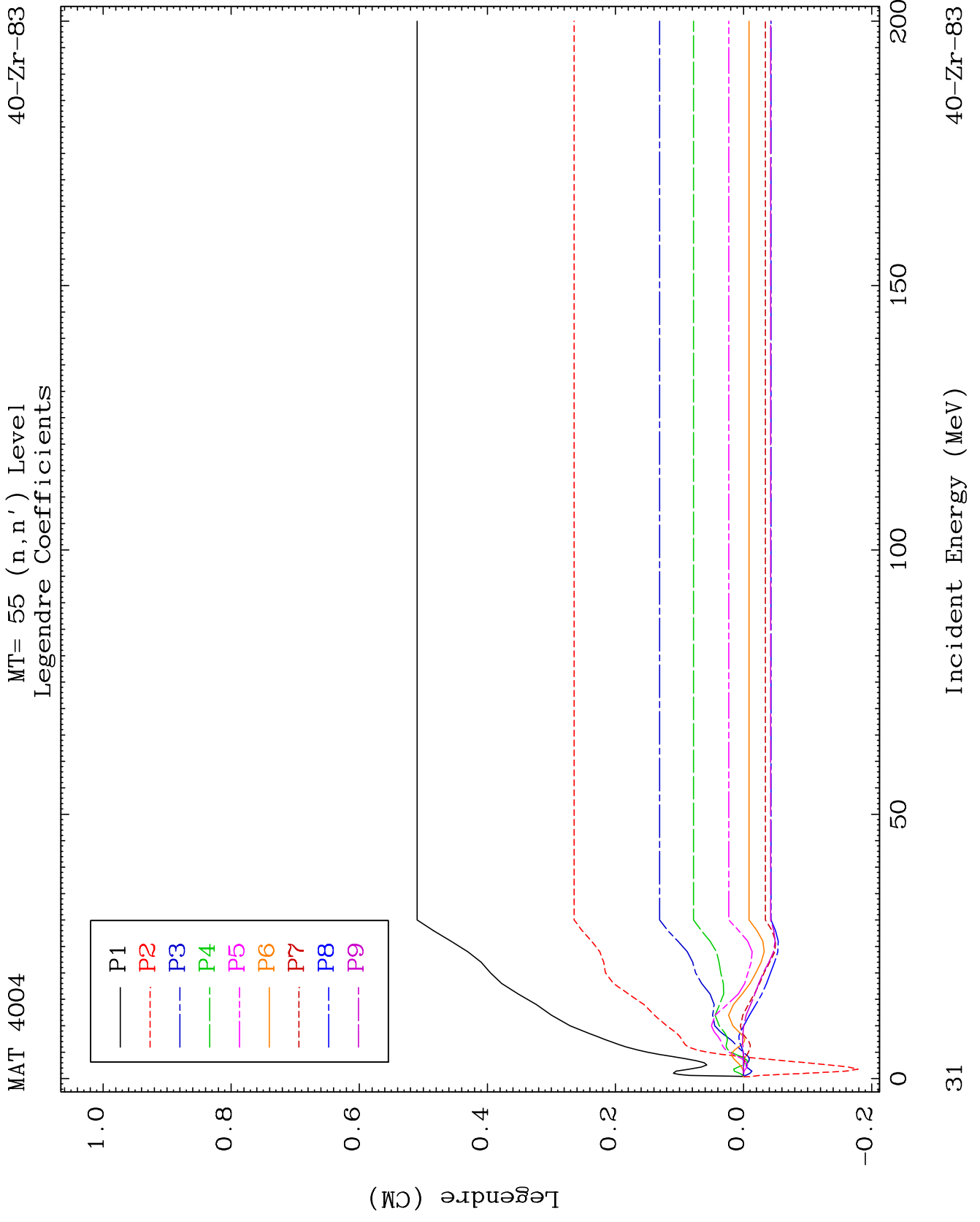
MAT 4004

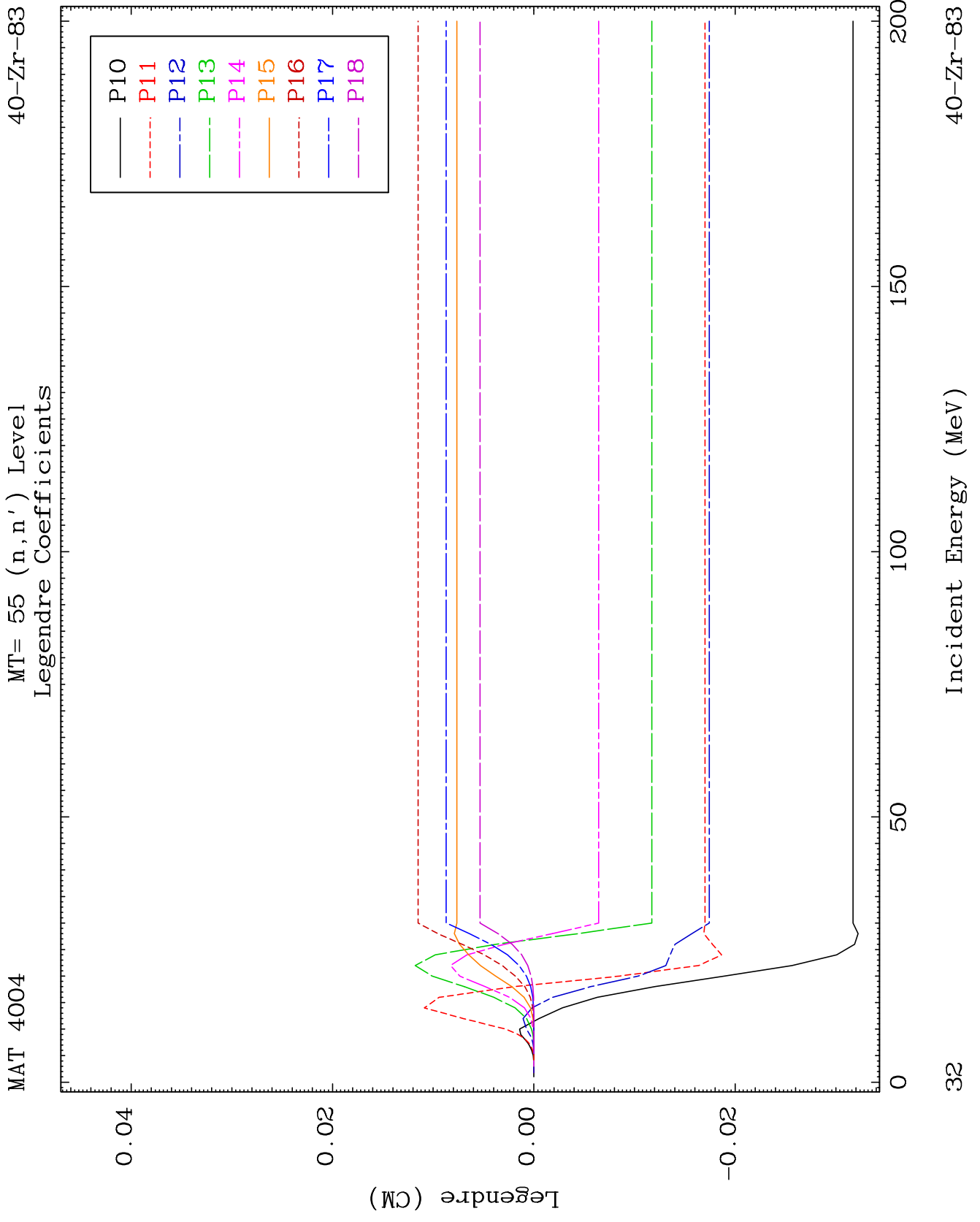
MT= 54 (n,n') Level
Legendre Coefficients

40-Zr-83





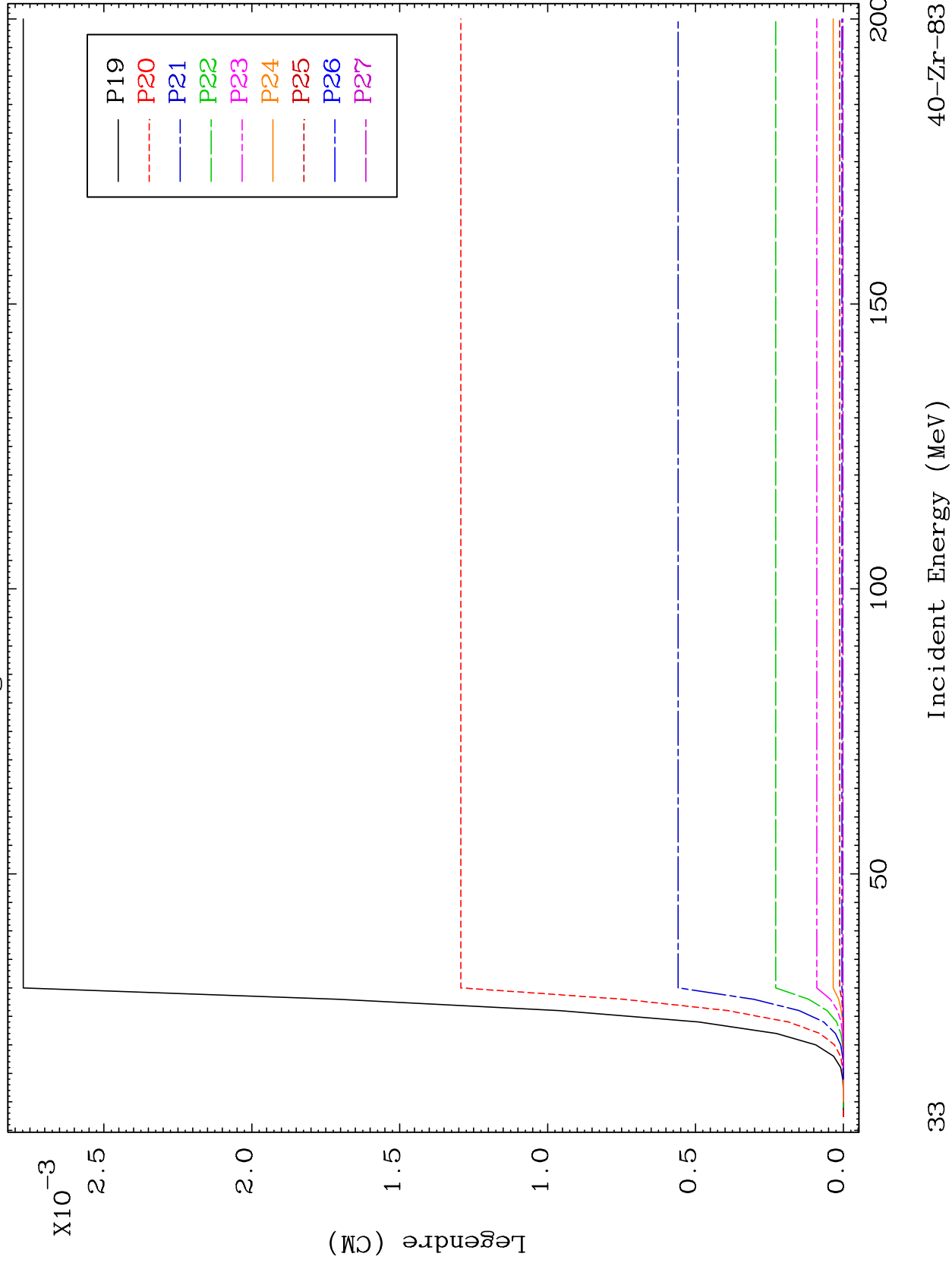




MAT 4004

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

40-Zr-83



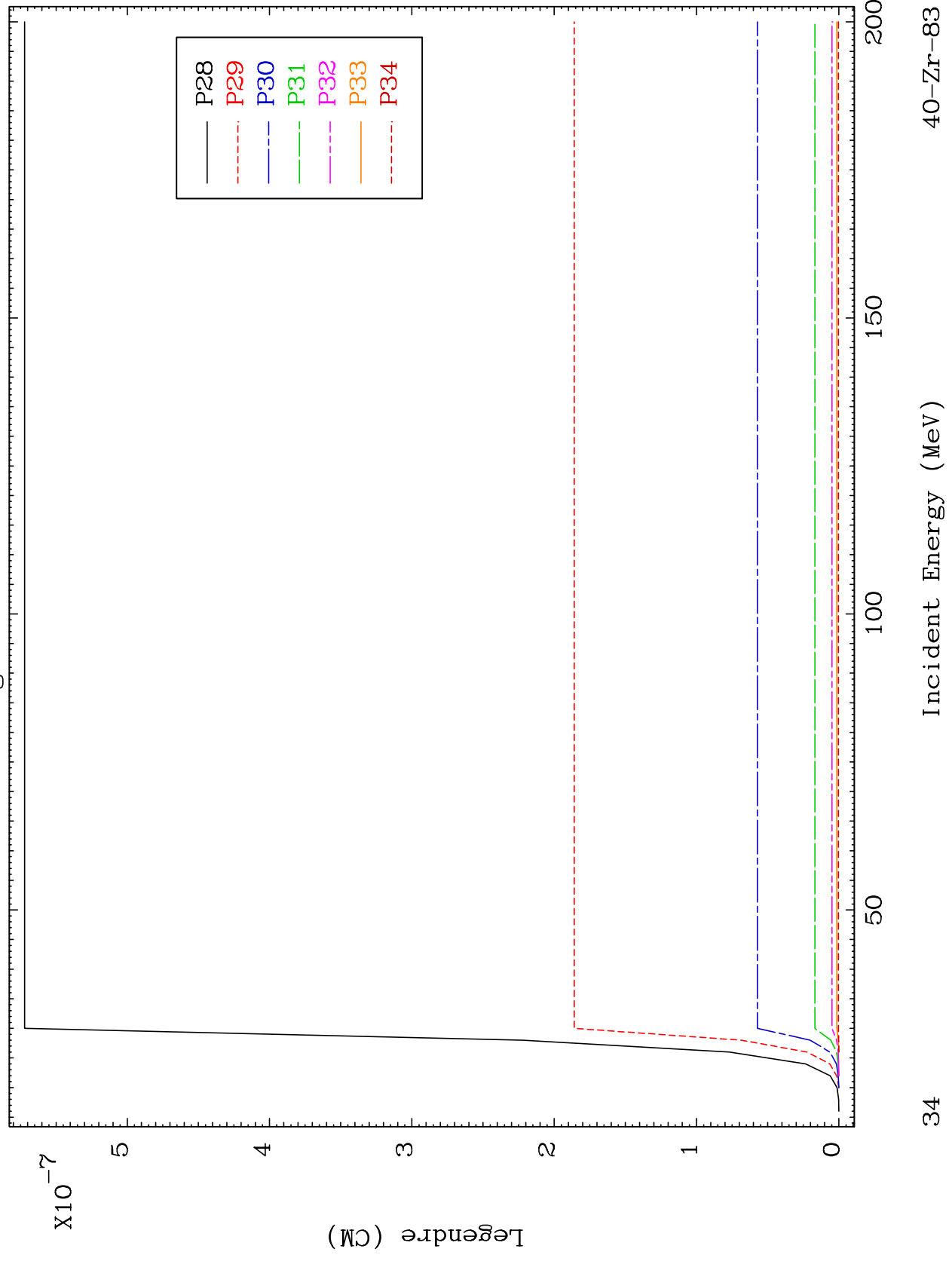
33

40-Zr-83

MAT 4004

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

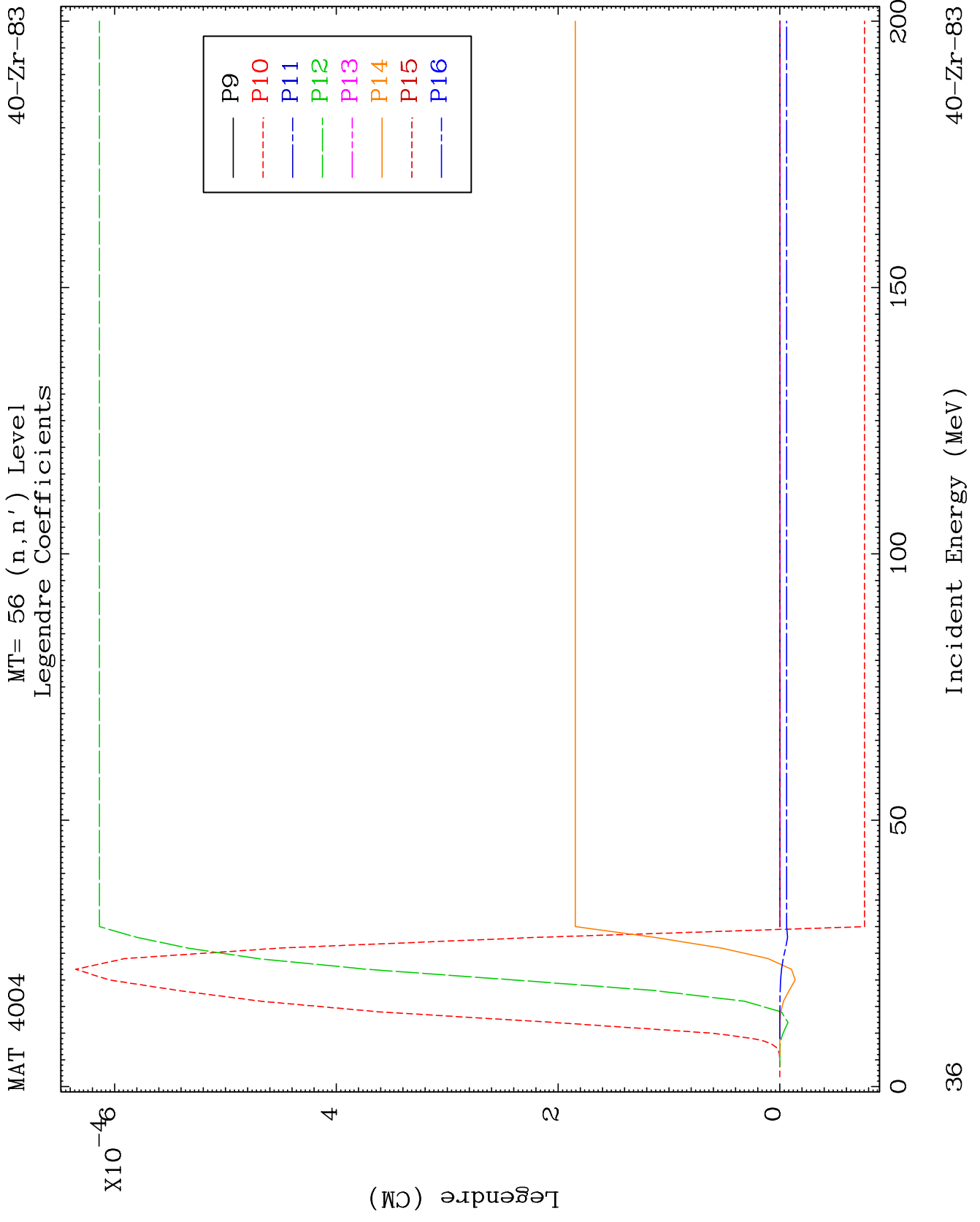
40-Zr-83

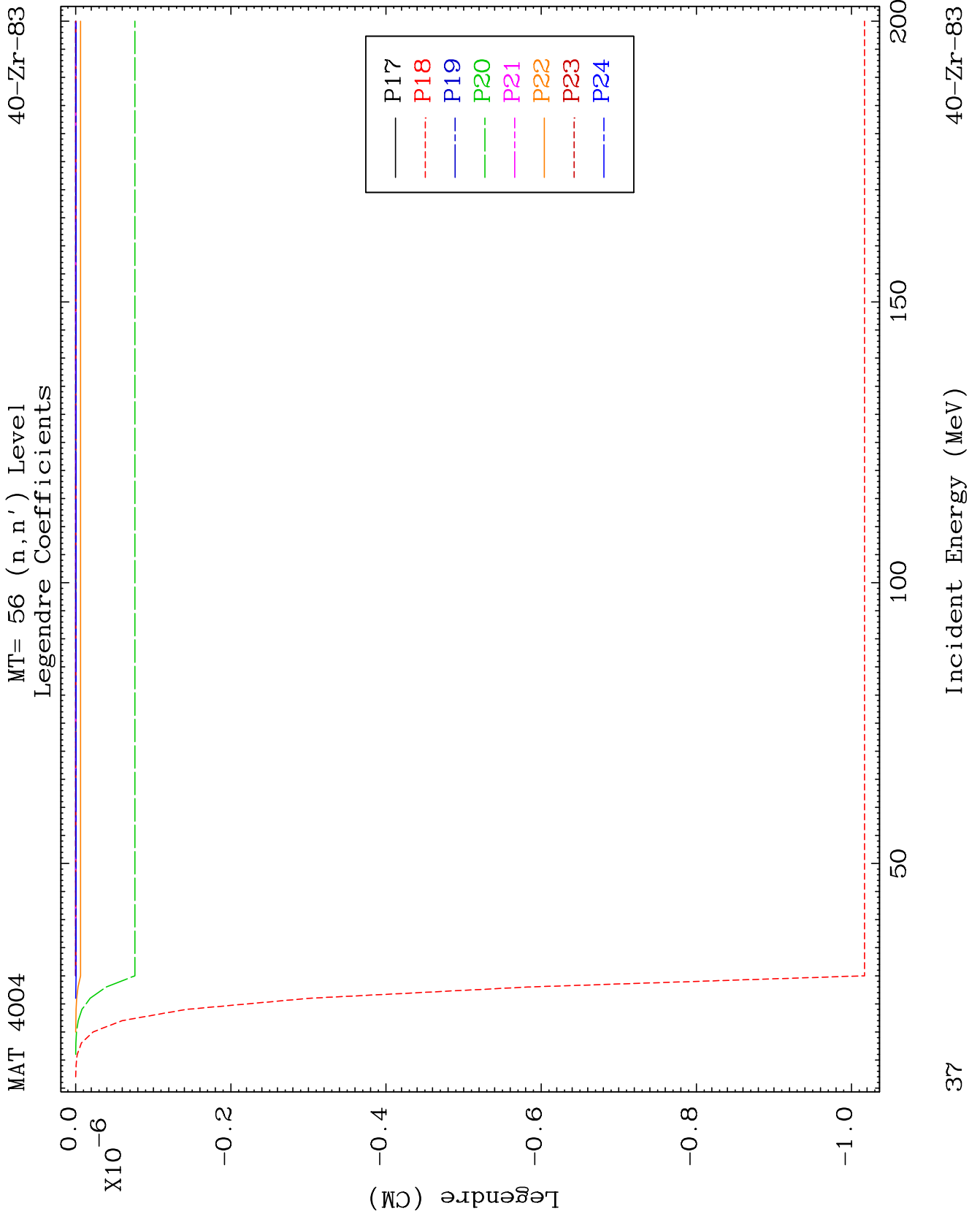


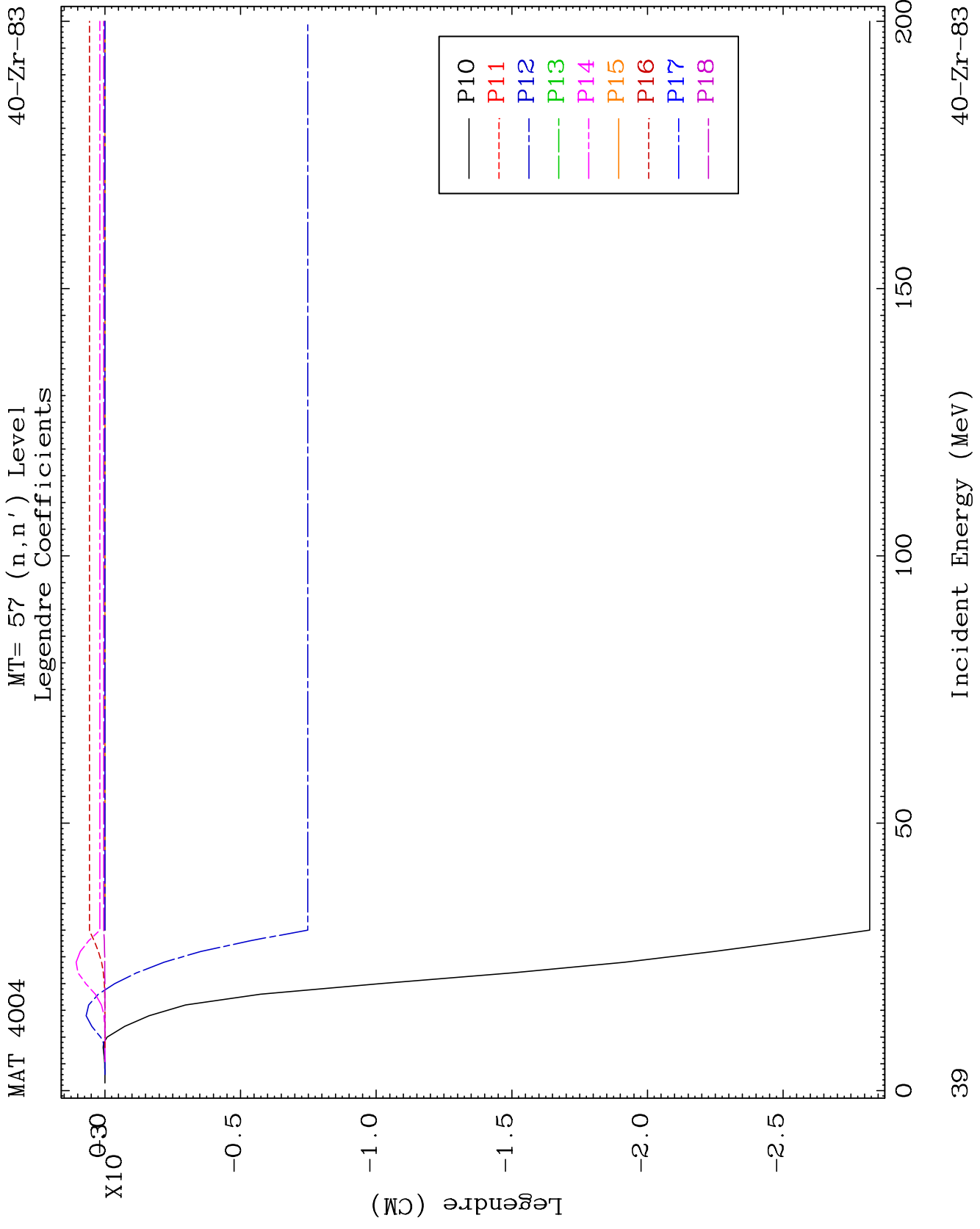
34

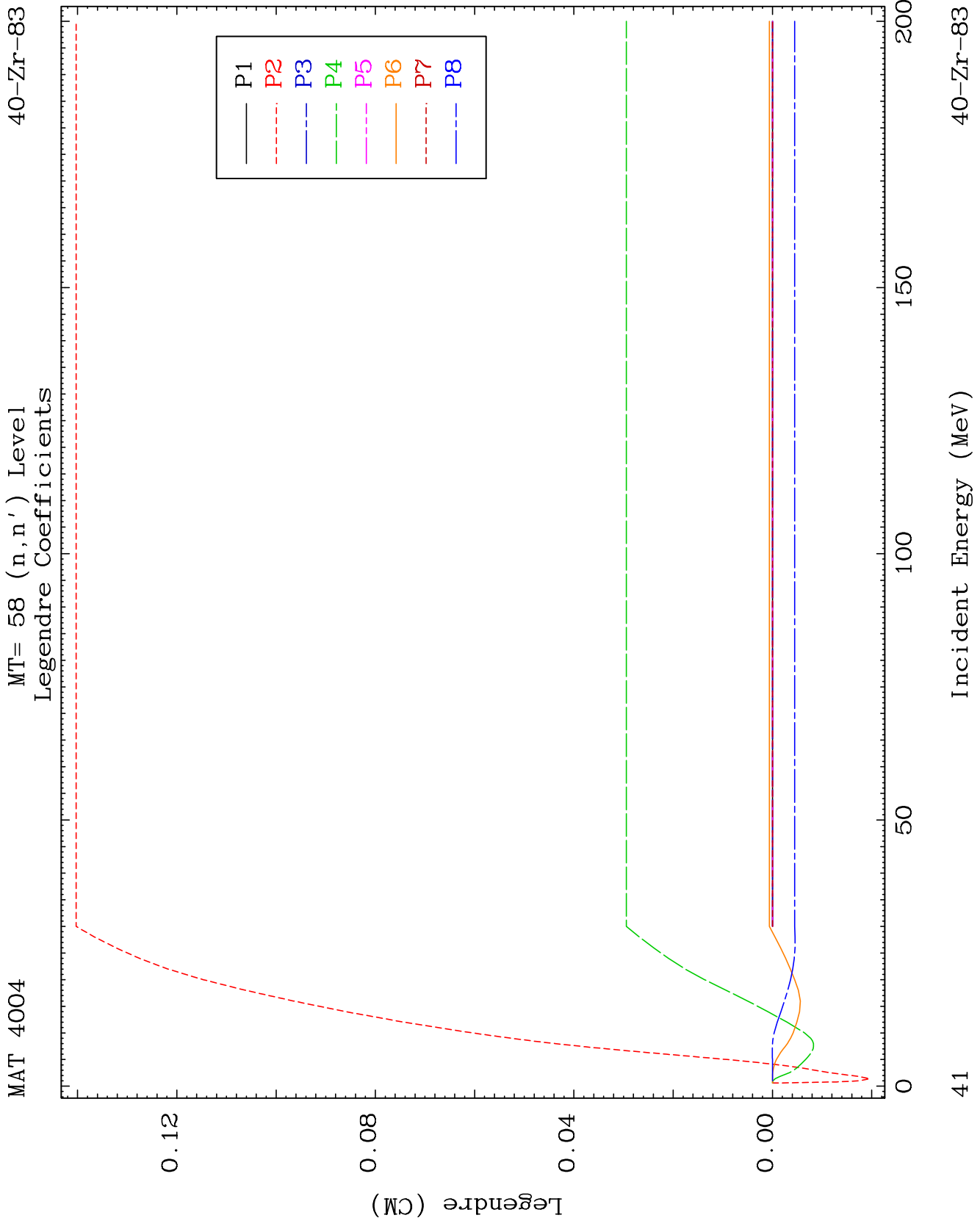
Incident Energy (MeV)

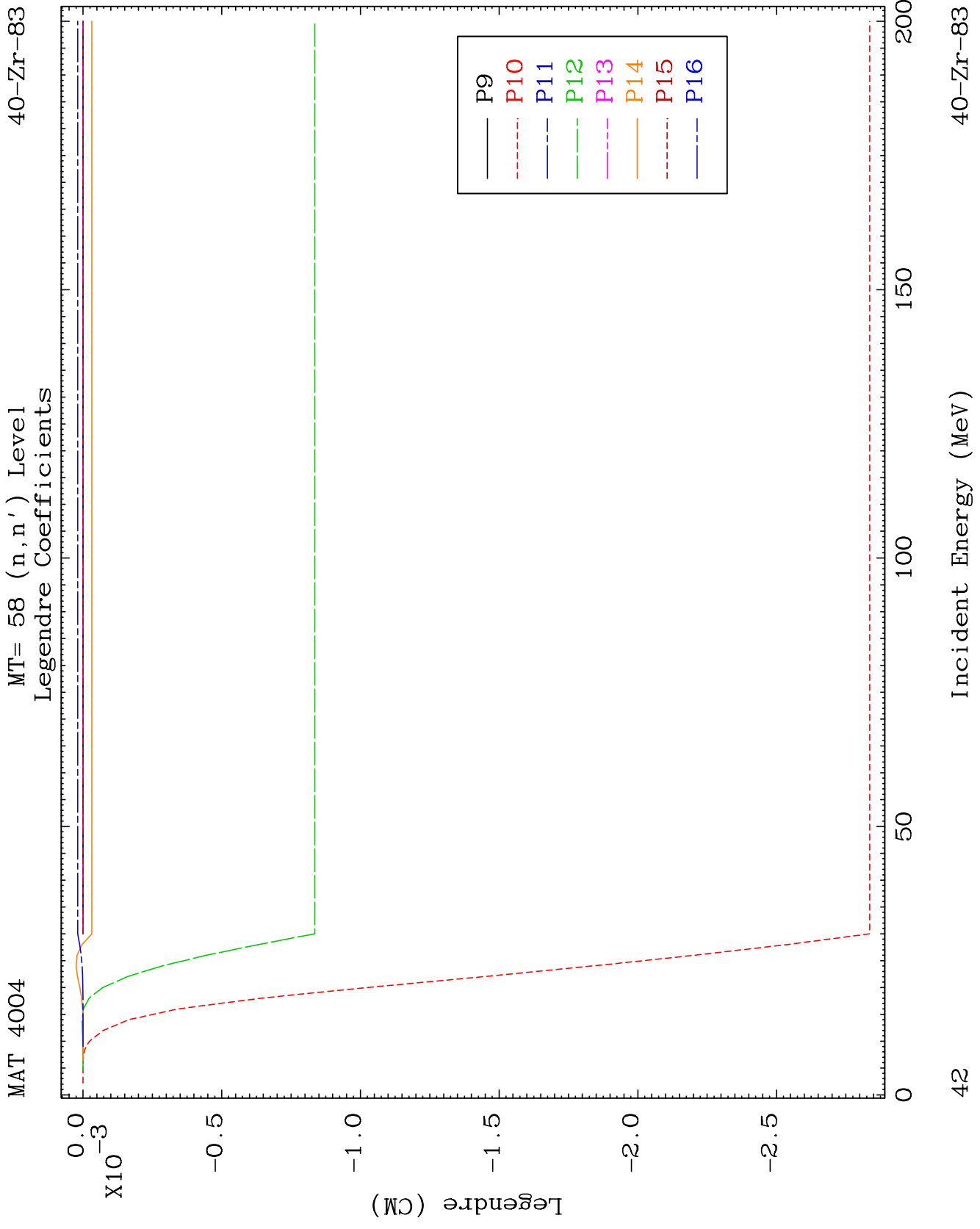
40-Zr-83

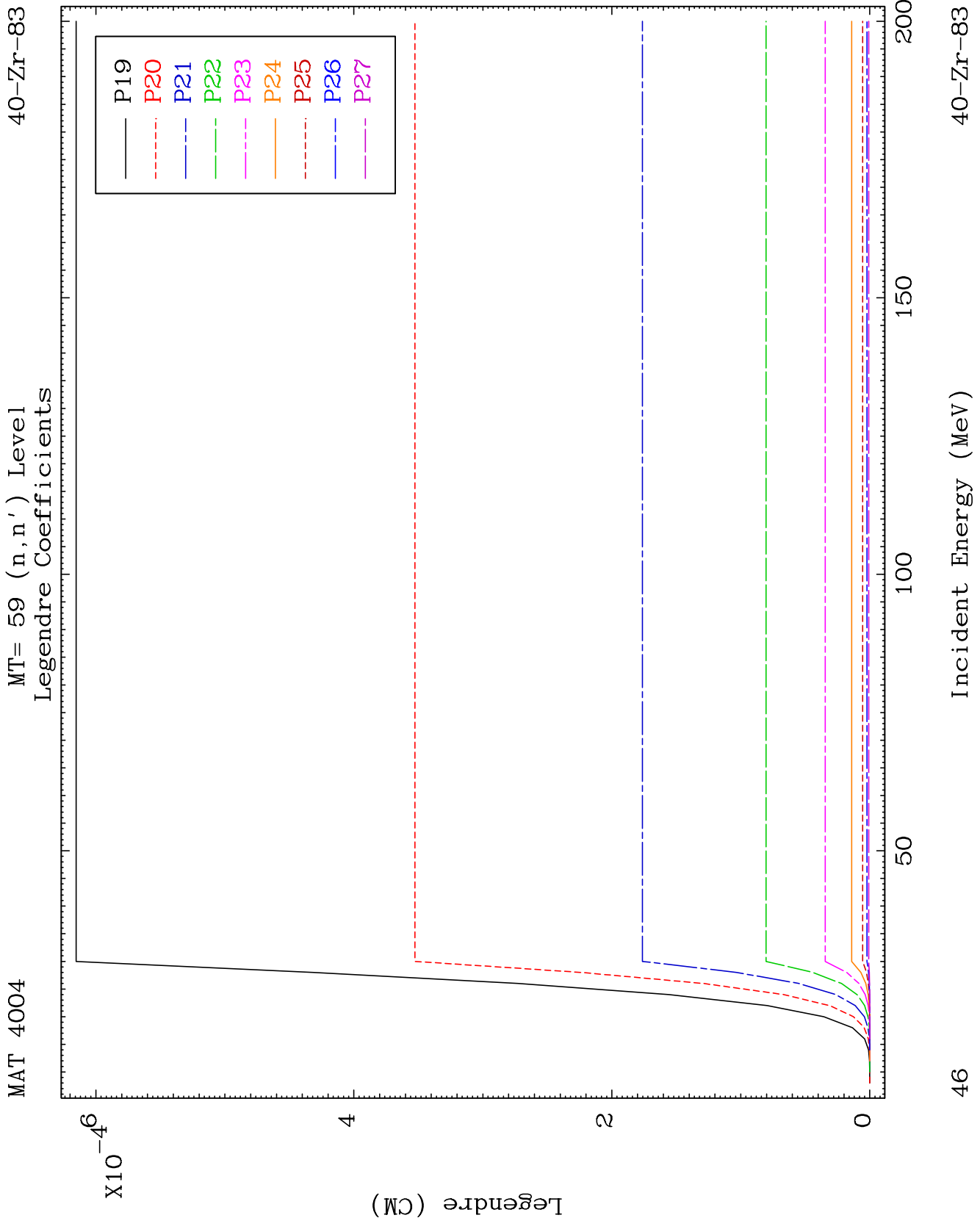


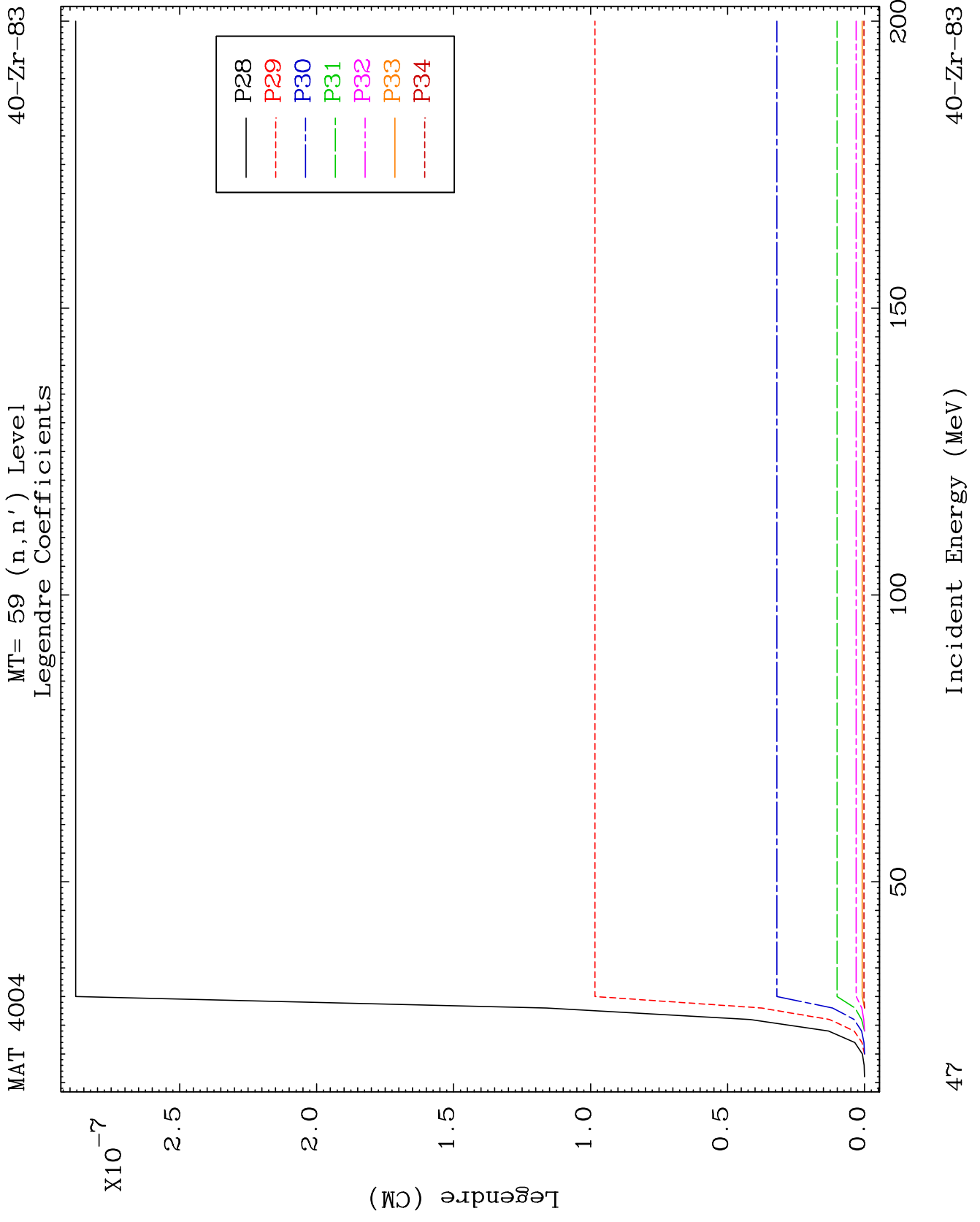


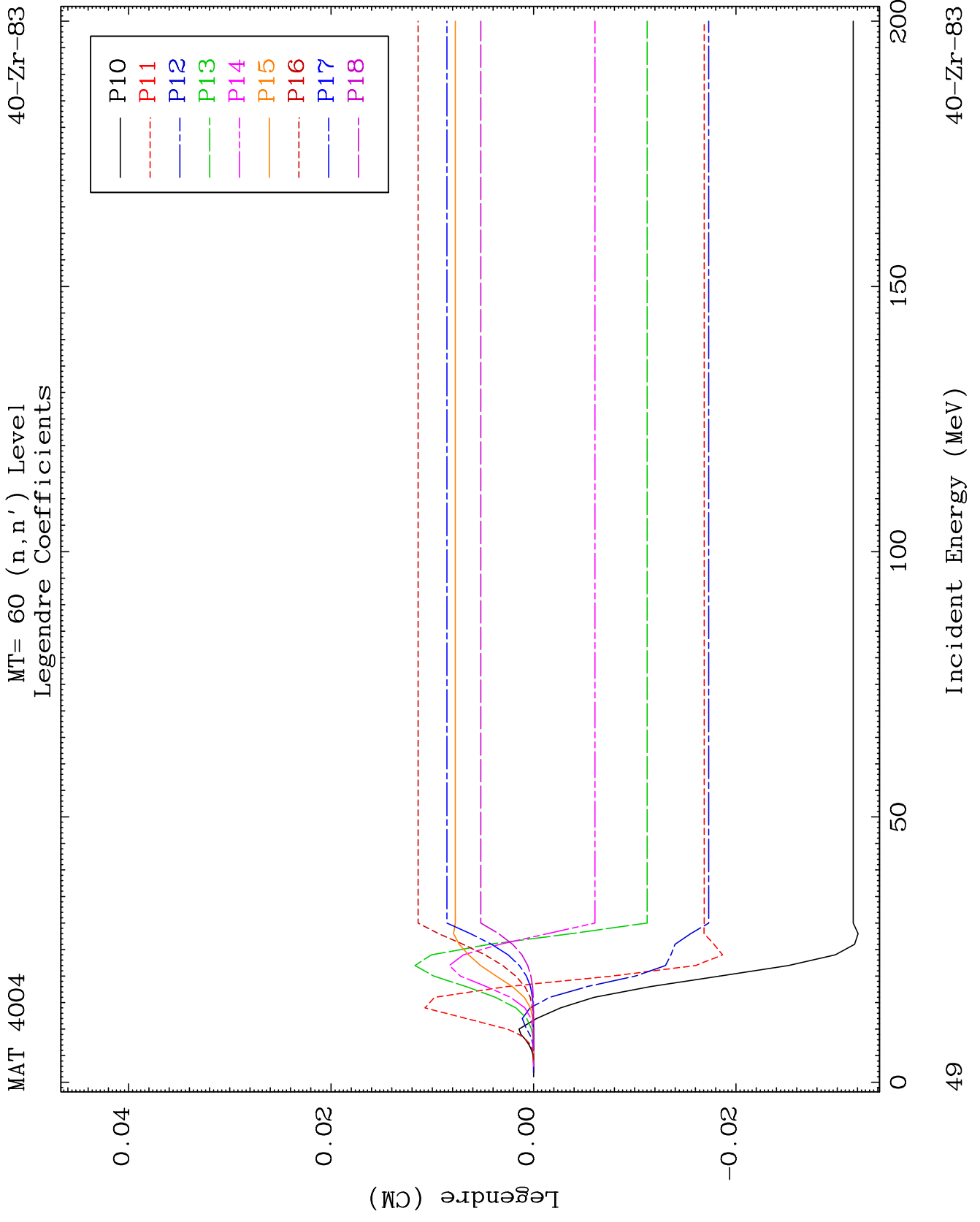


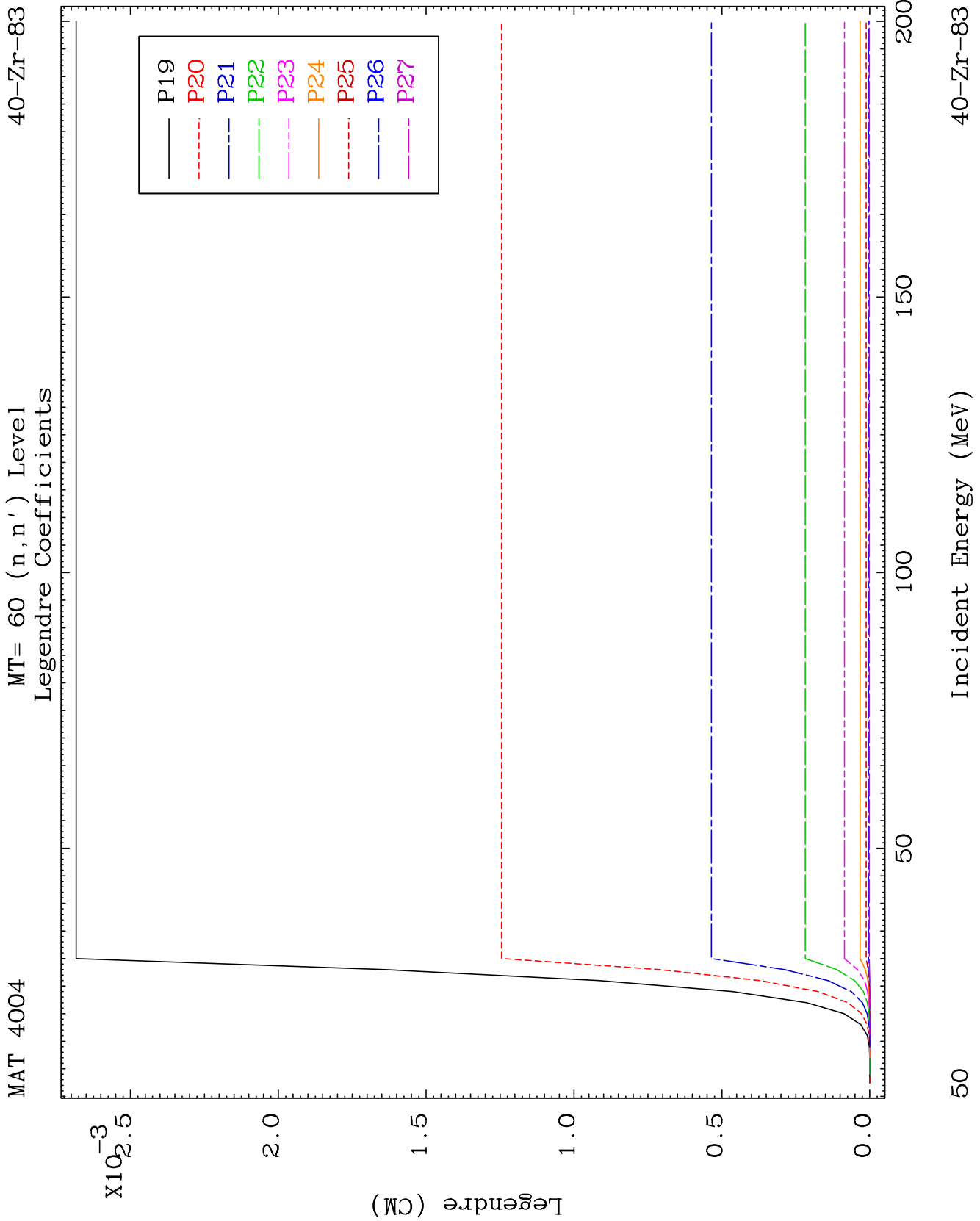


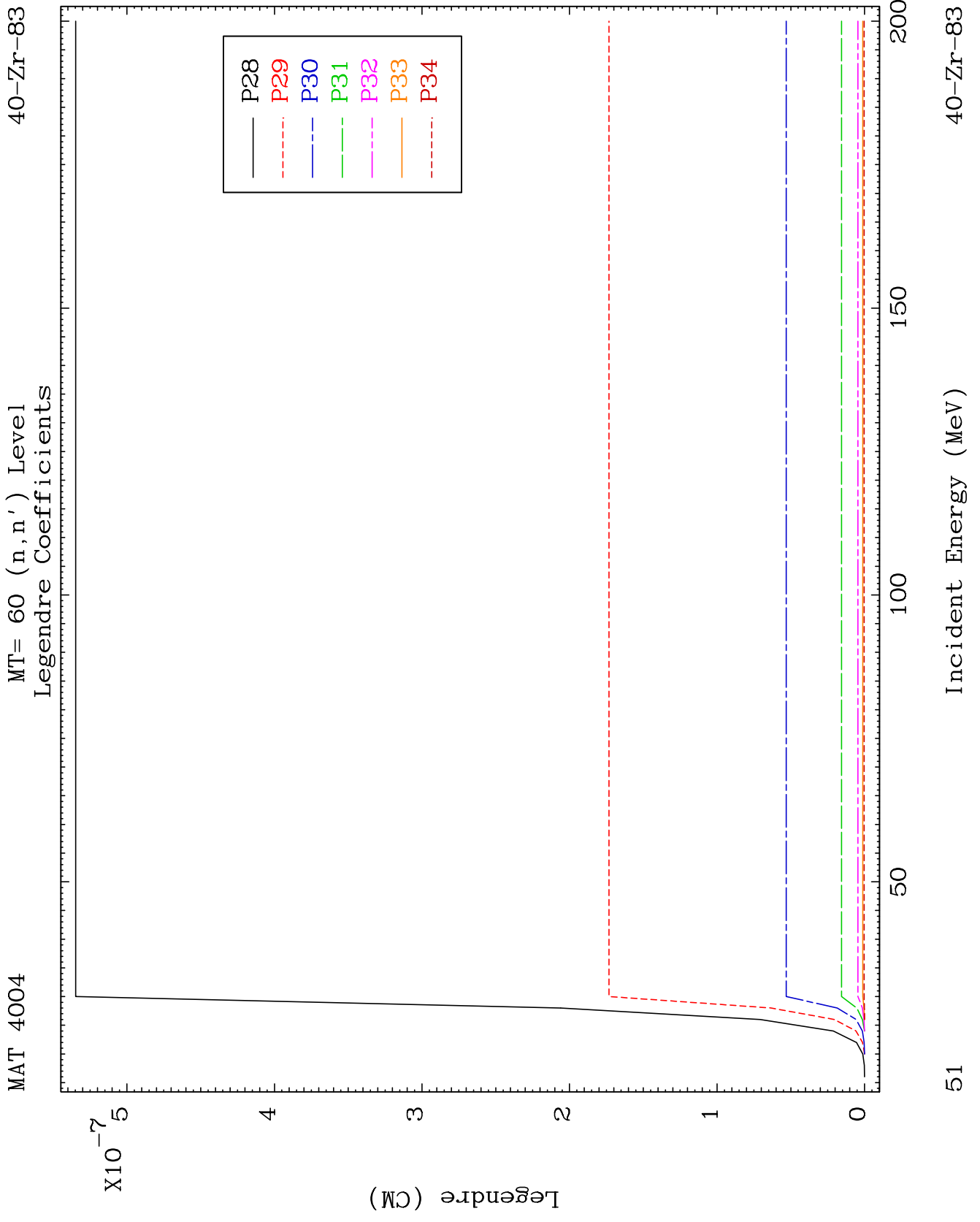


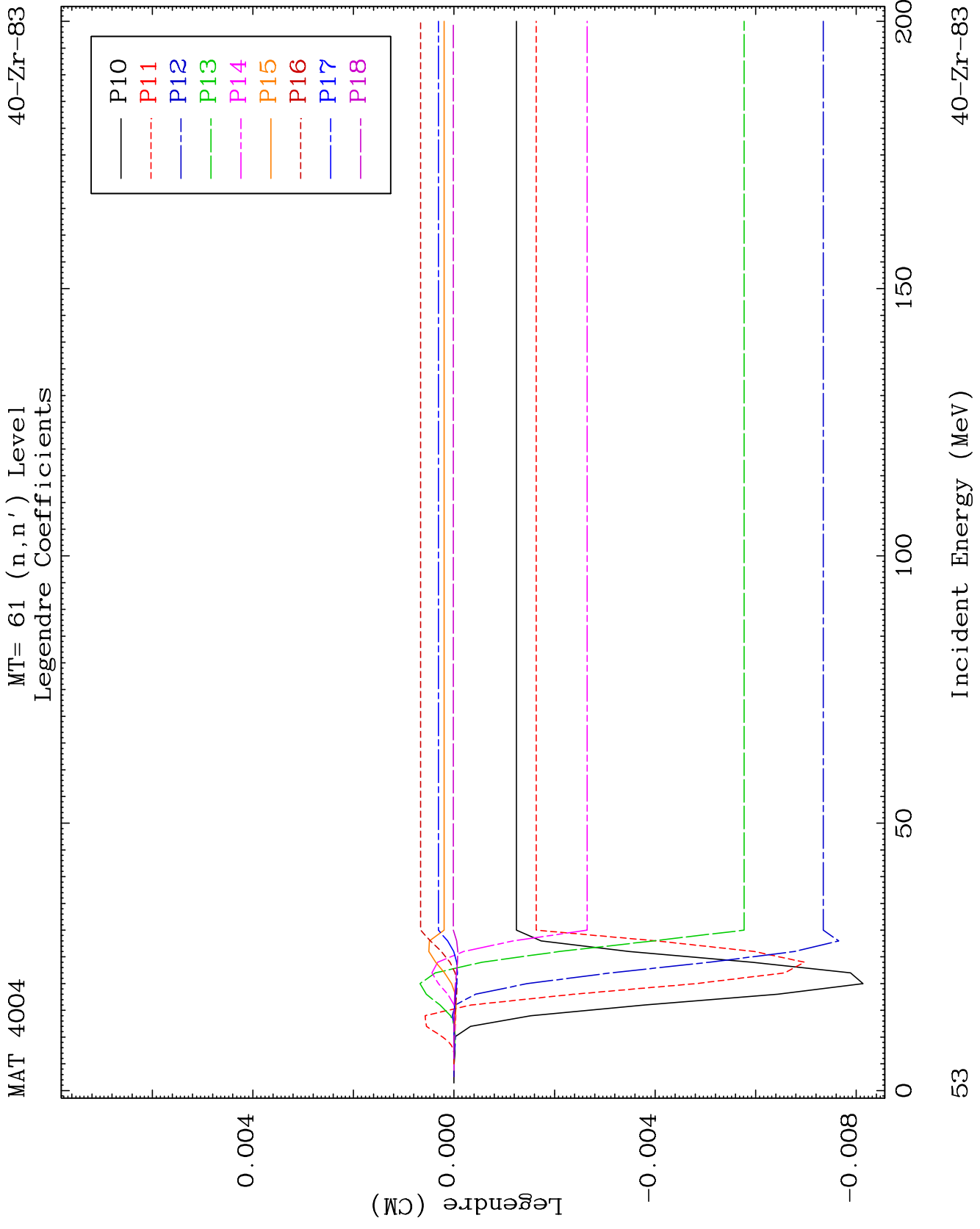








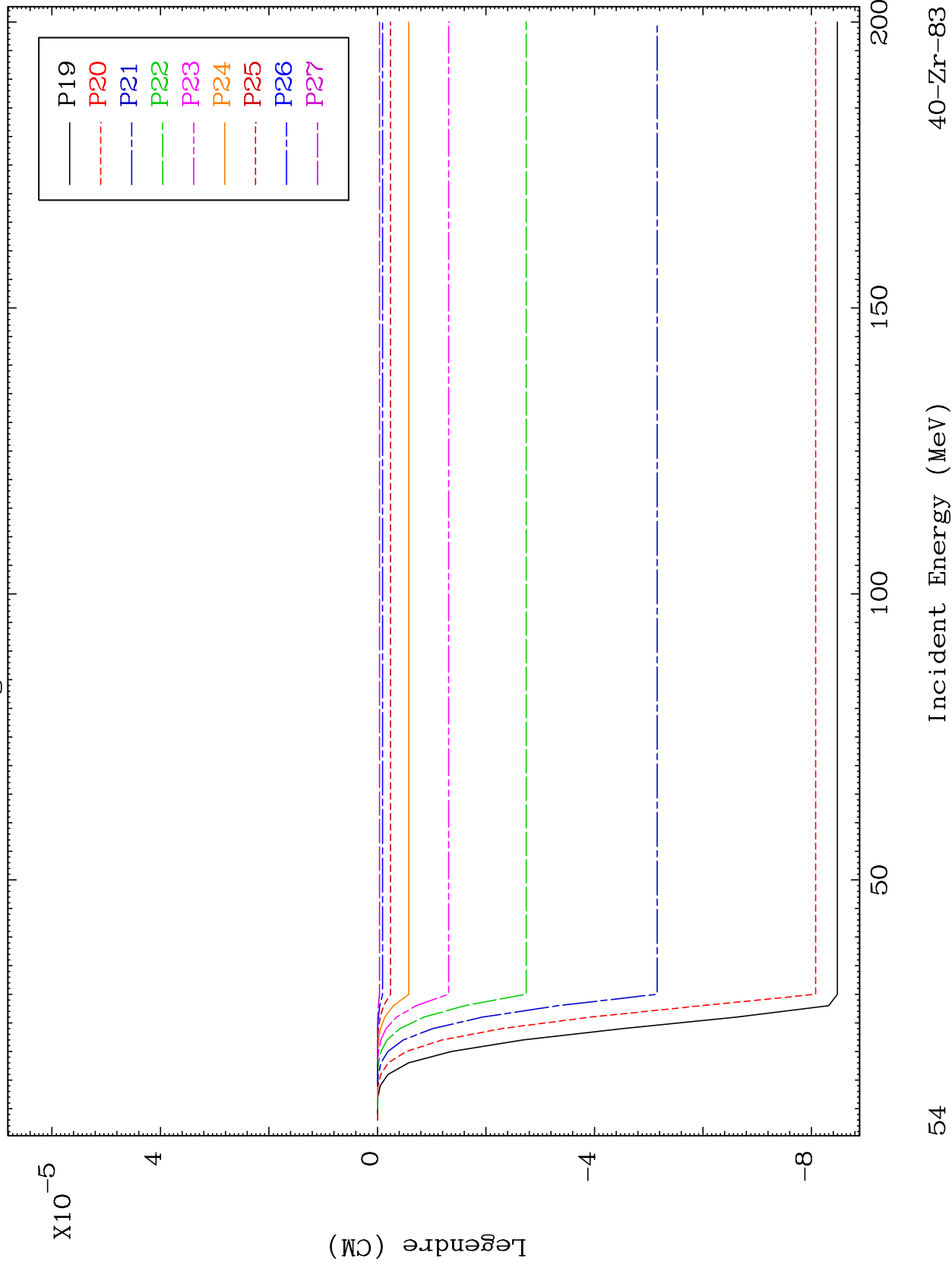




MAT 4004

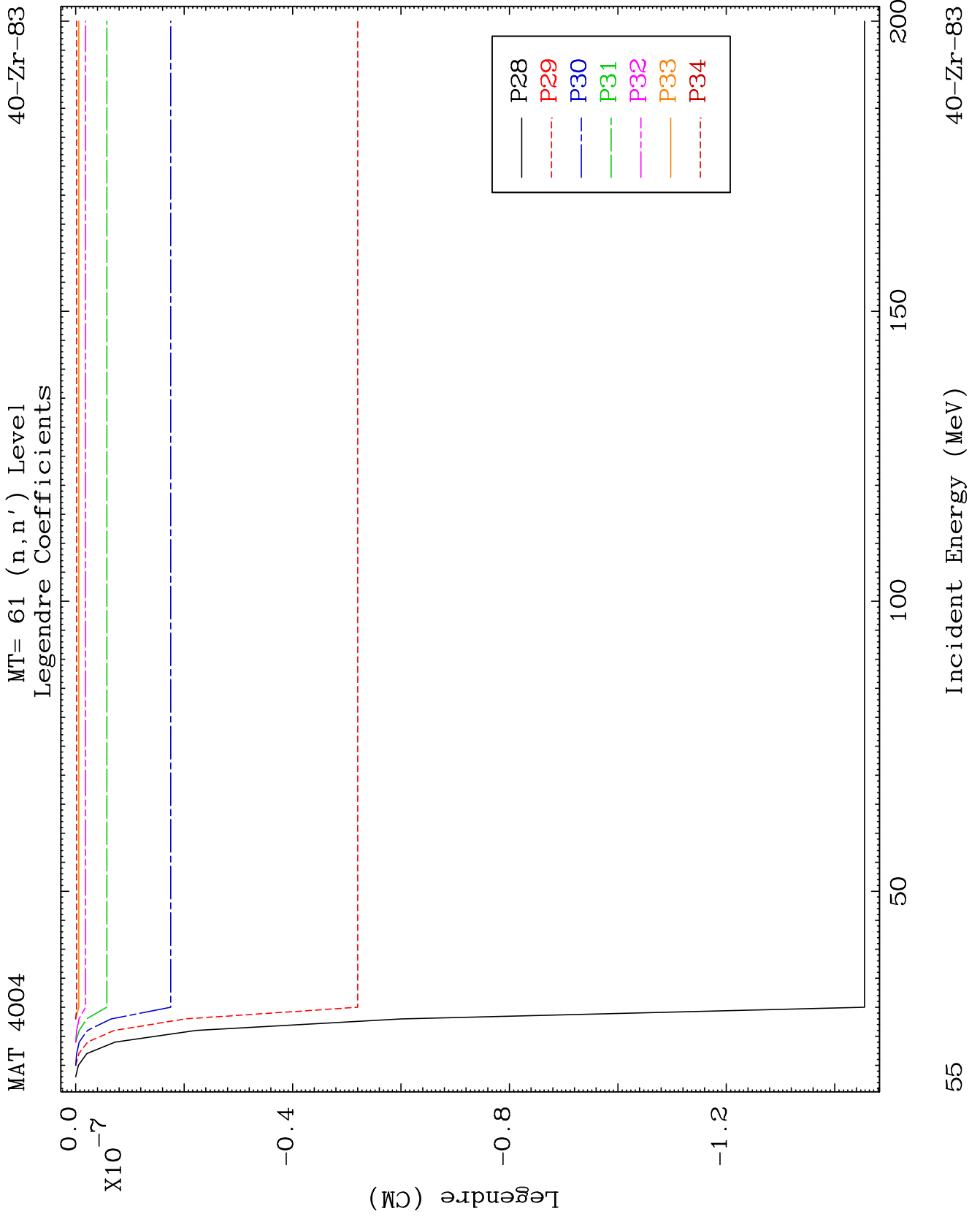
MT= 61 (n,n') Level
Legendre Coefficients

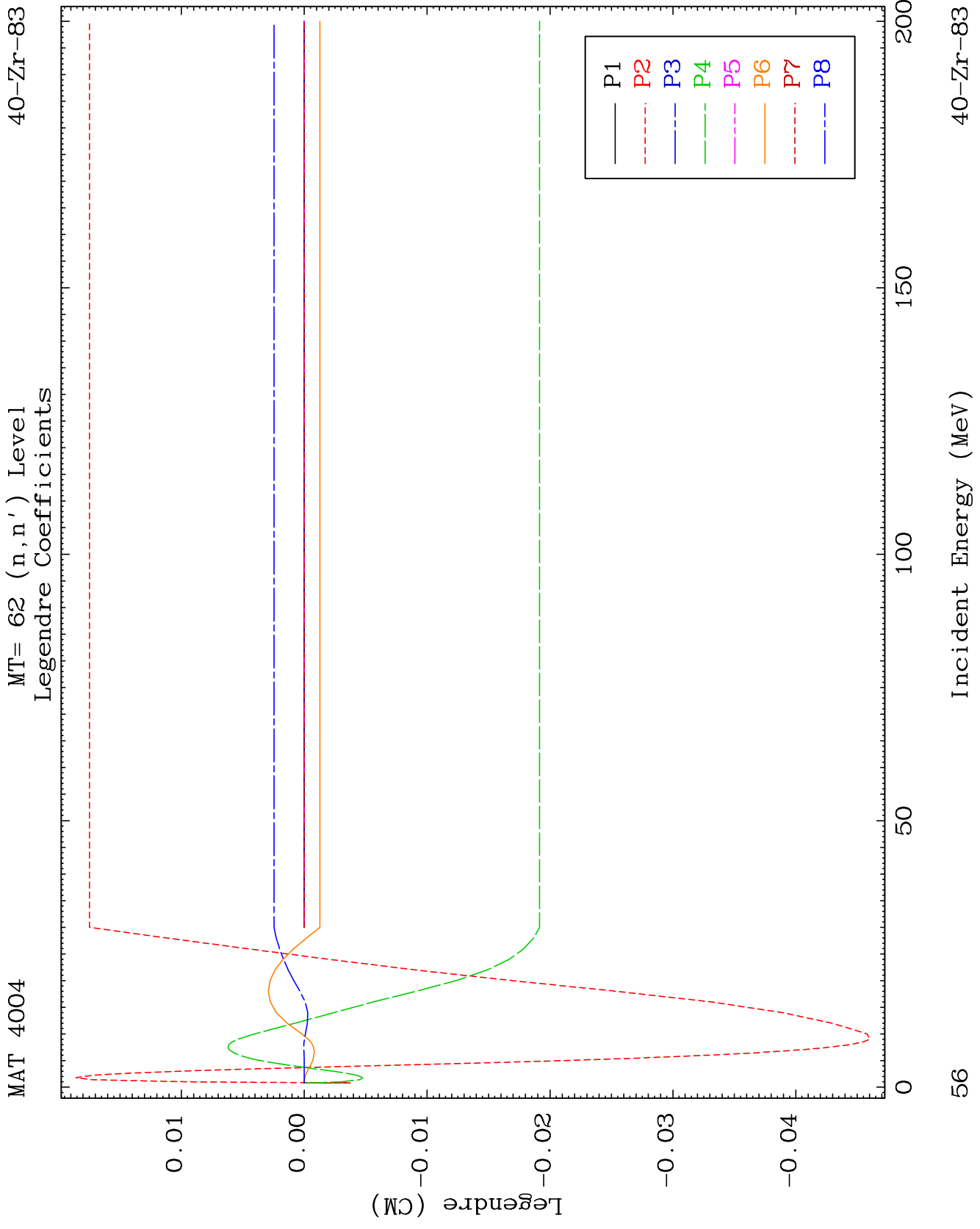
40-Zr-83



54

40-Zr-83

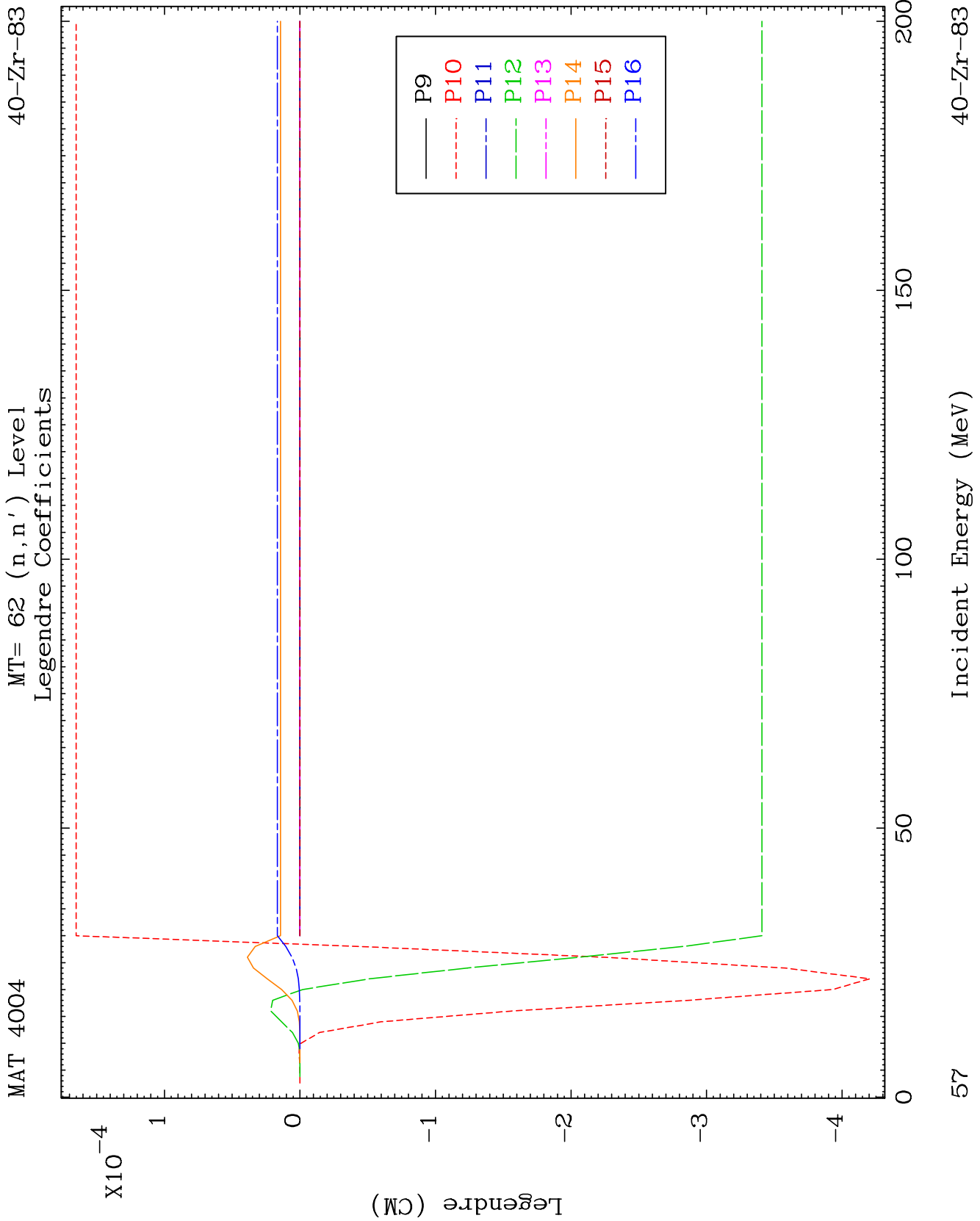


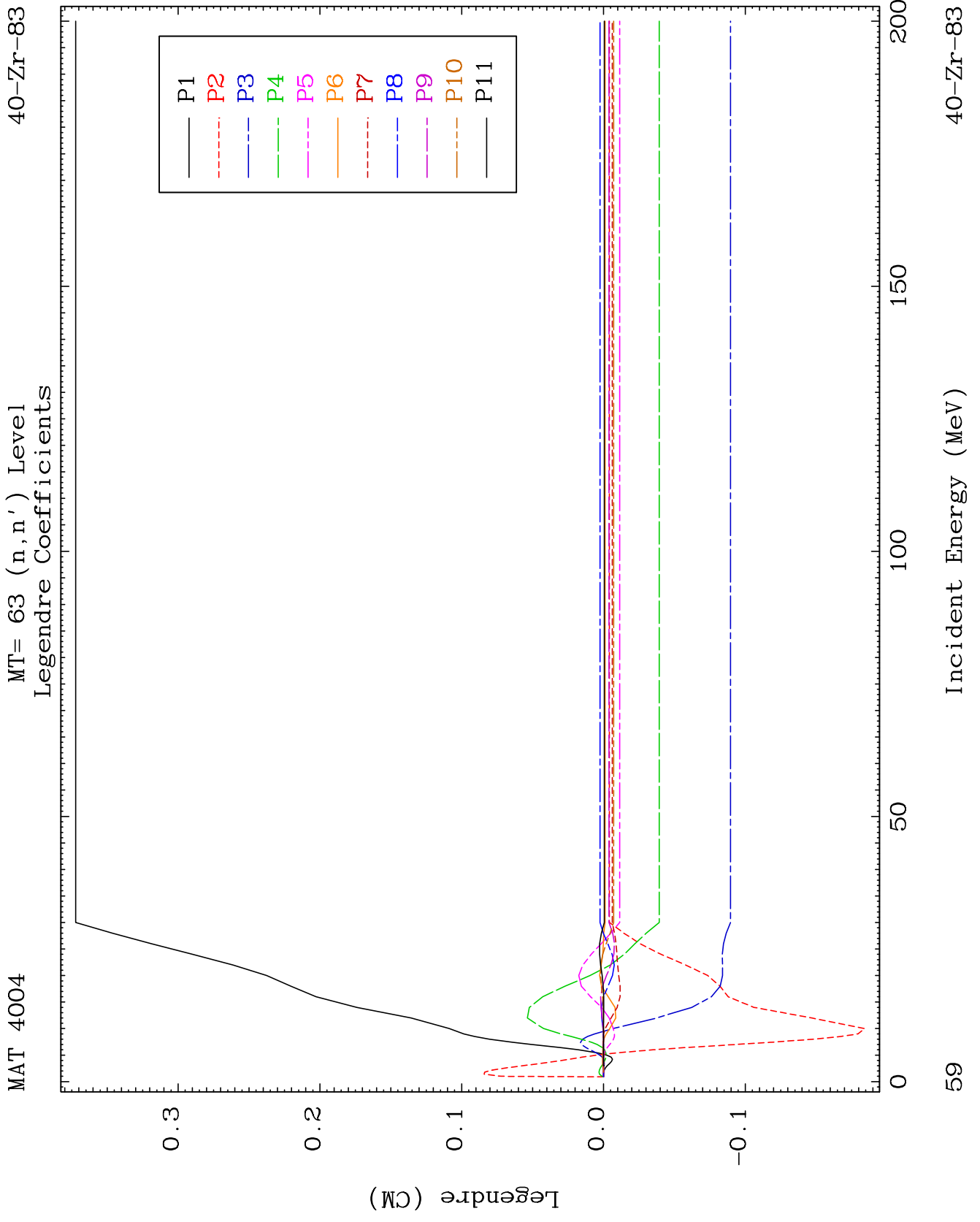


40-Zr-83

Incident Energy (MeV)

56

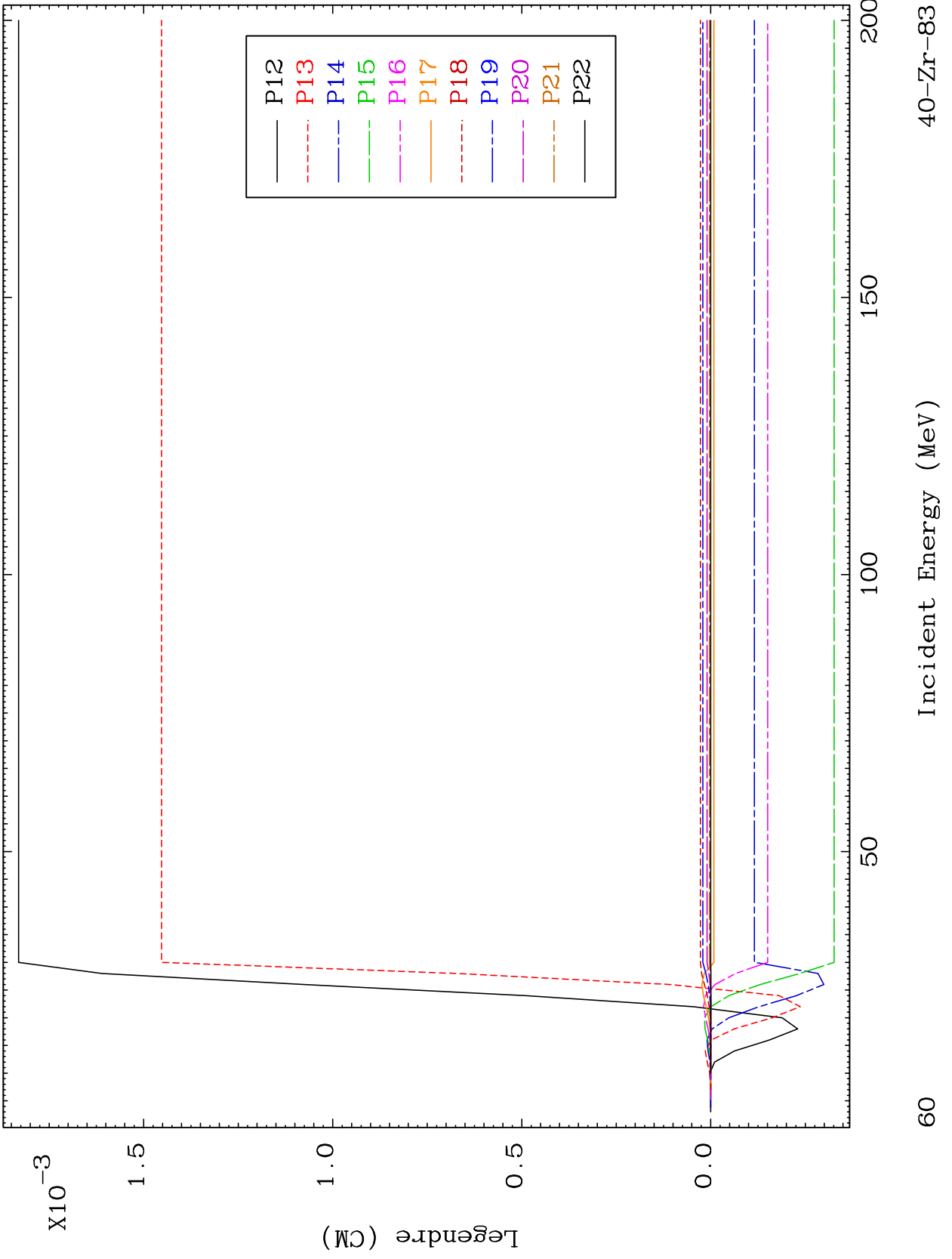




MAT 4004

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

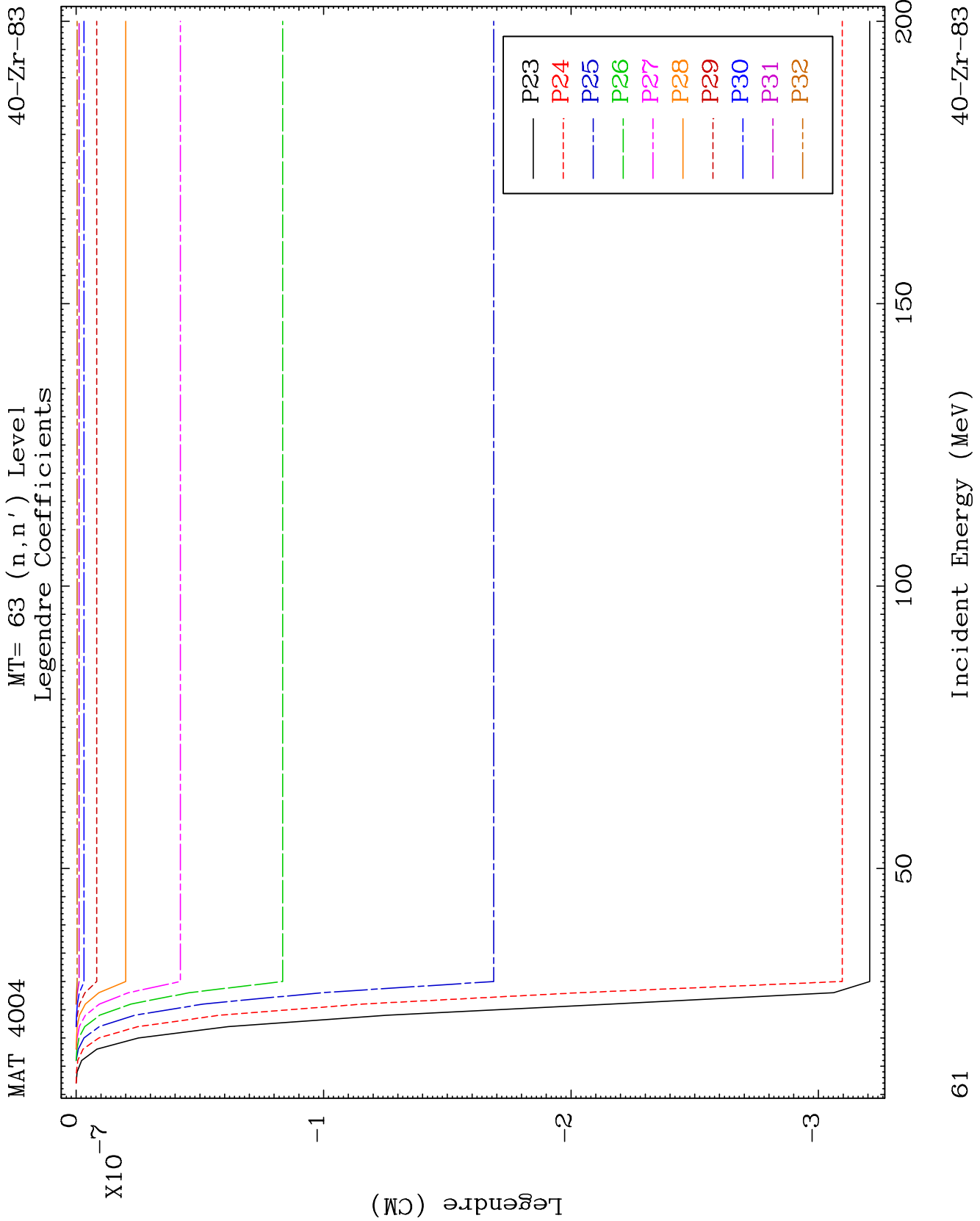
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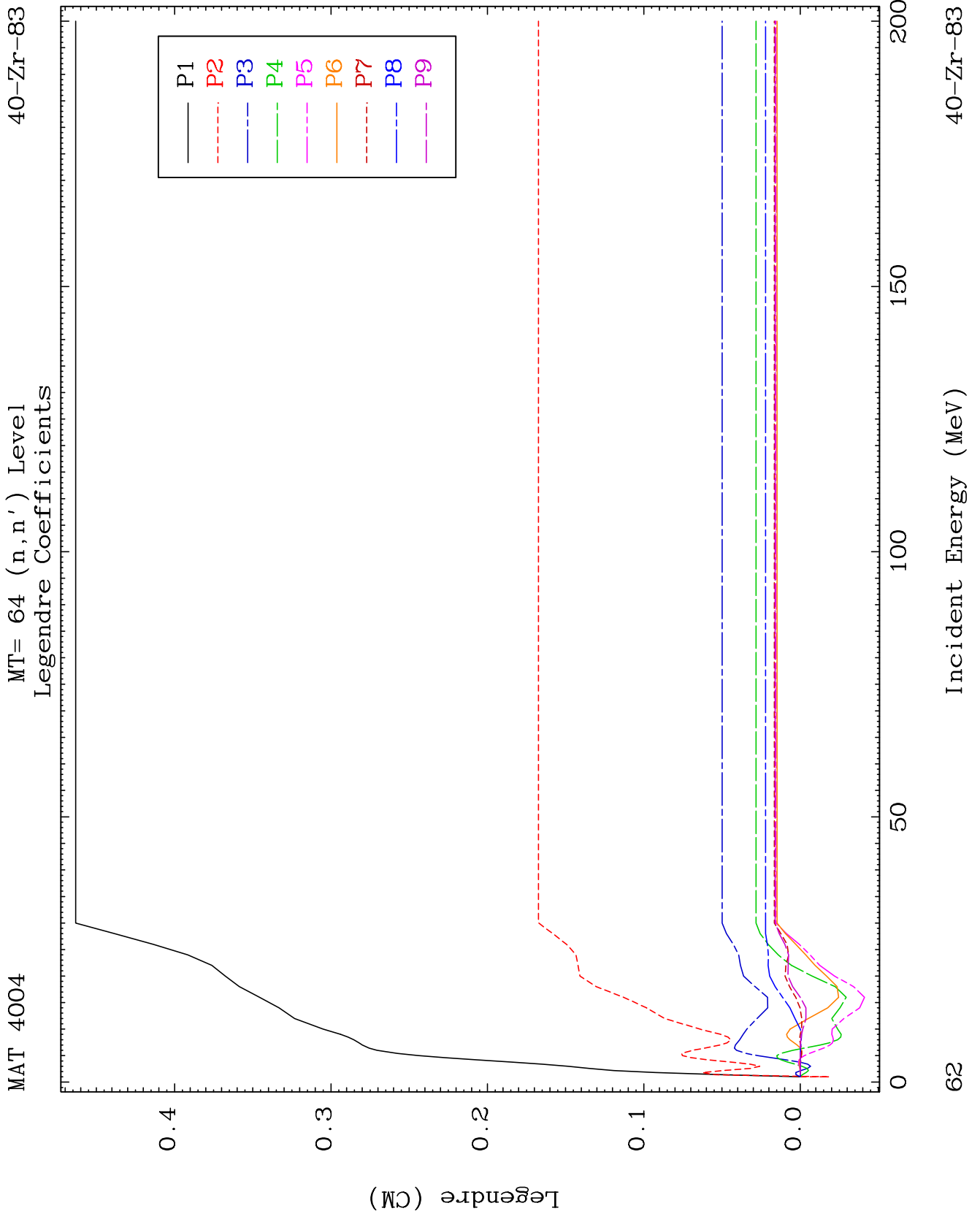


60

Incident Energy (MeV)

40-Zr-83

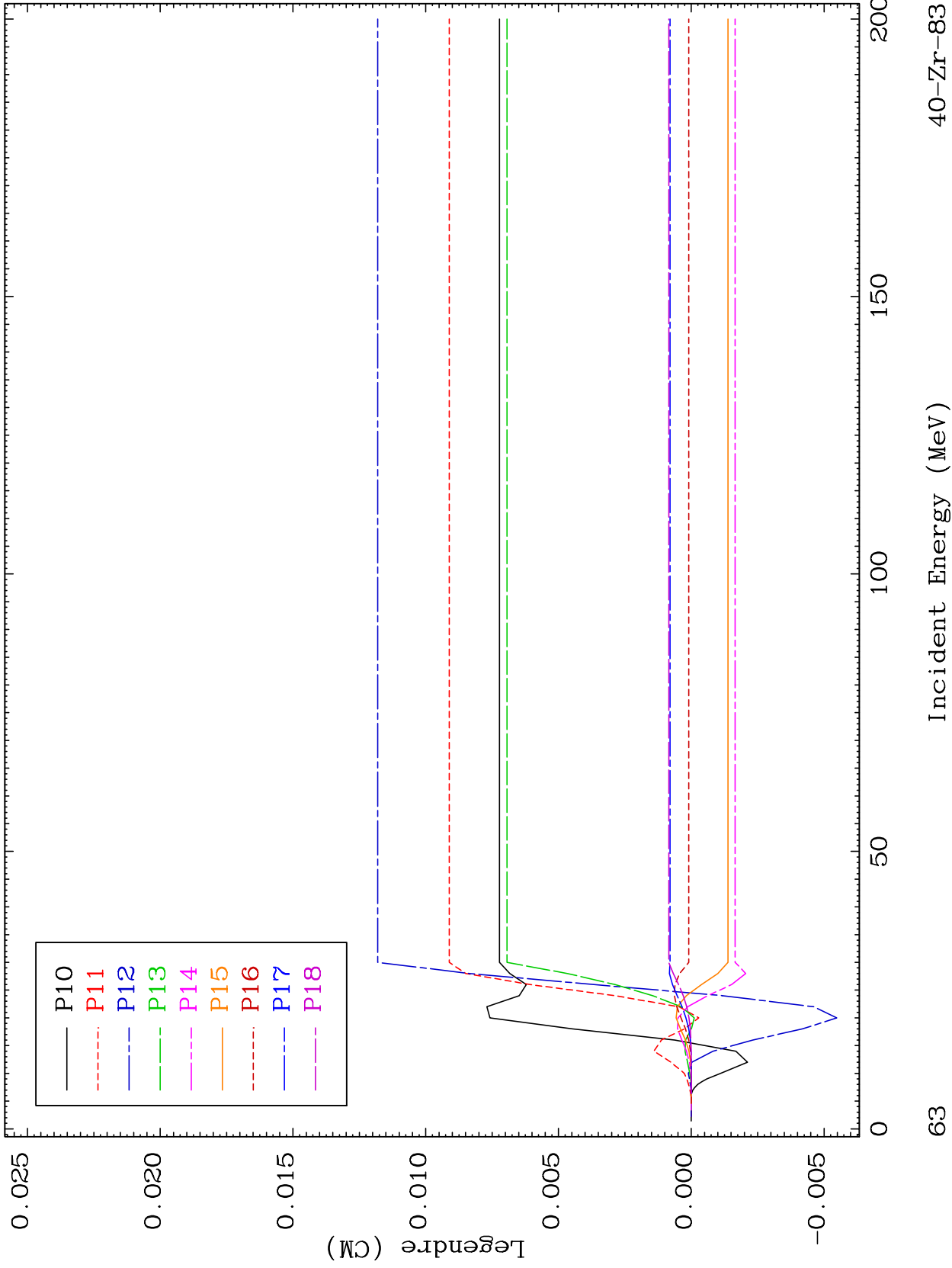


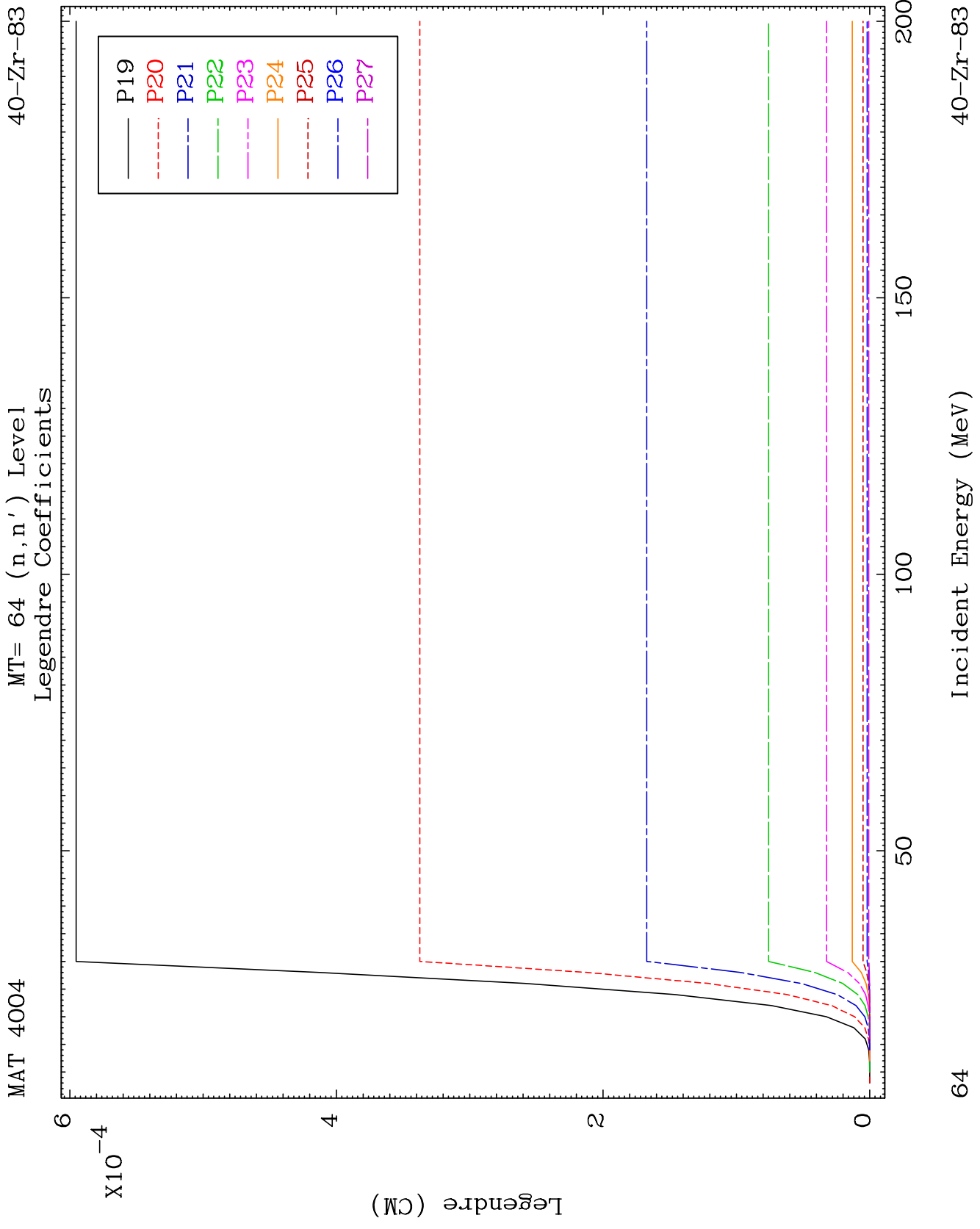


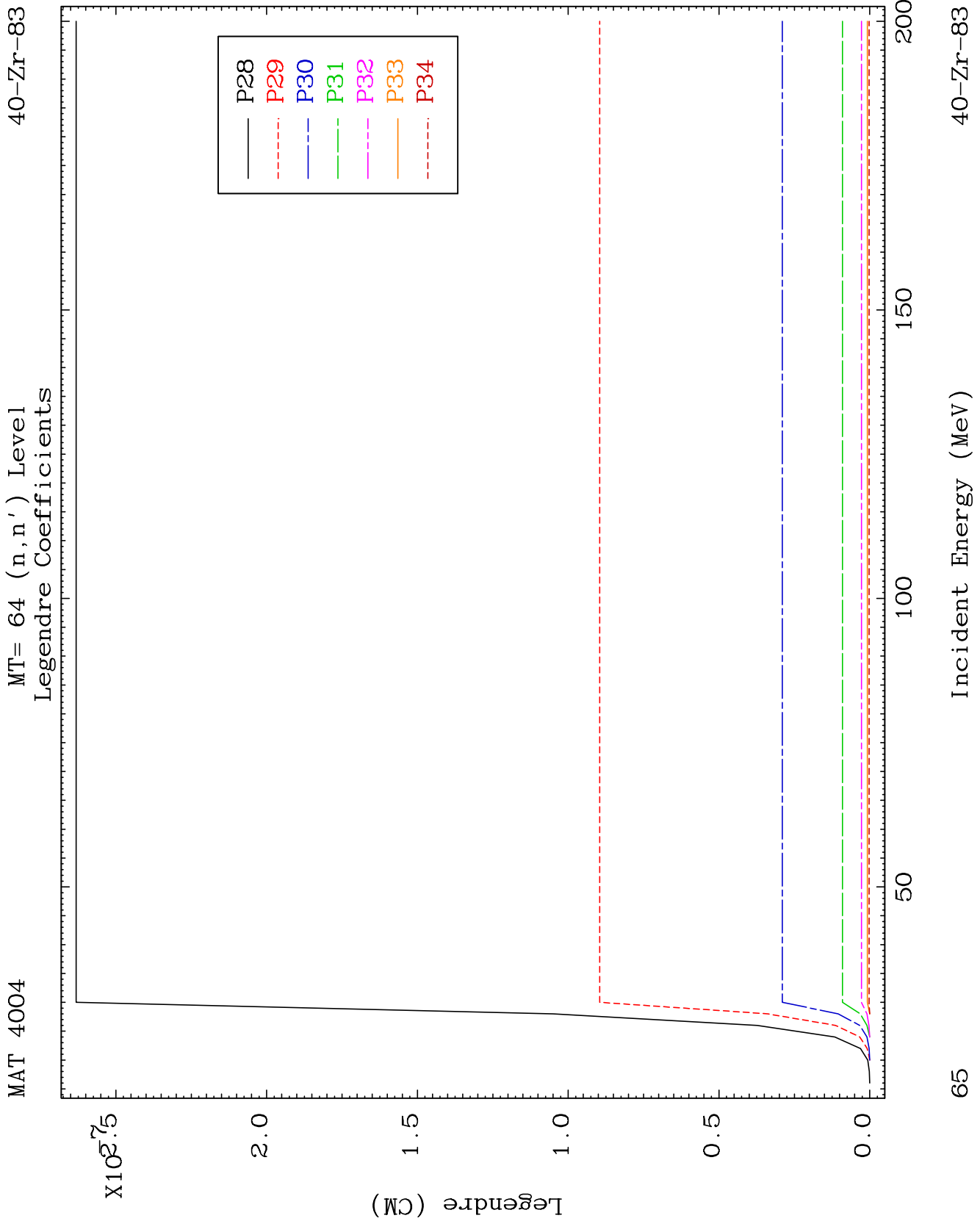
MAT 4004

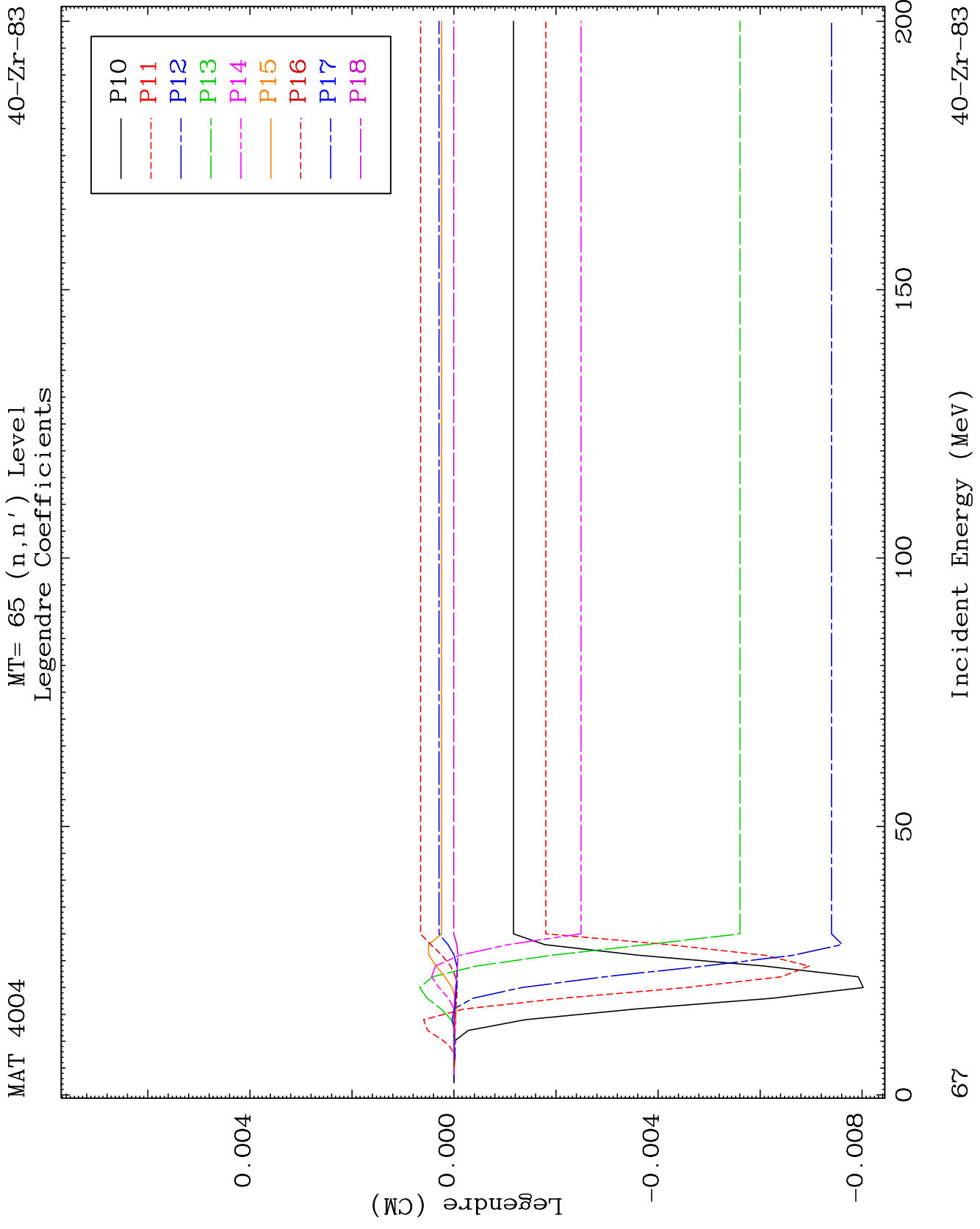
MT= 64 (n,n') Level
Legendre Coefficients

40-Zr-83





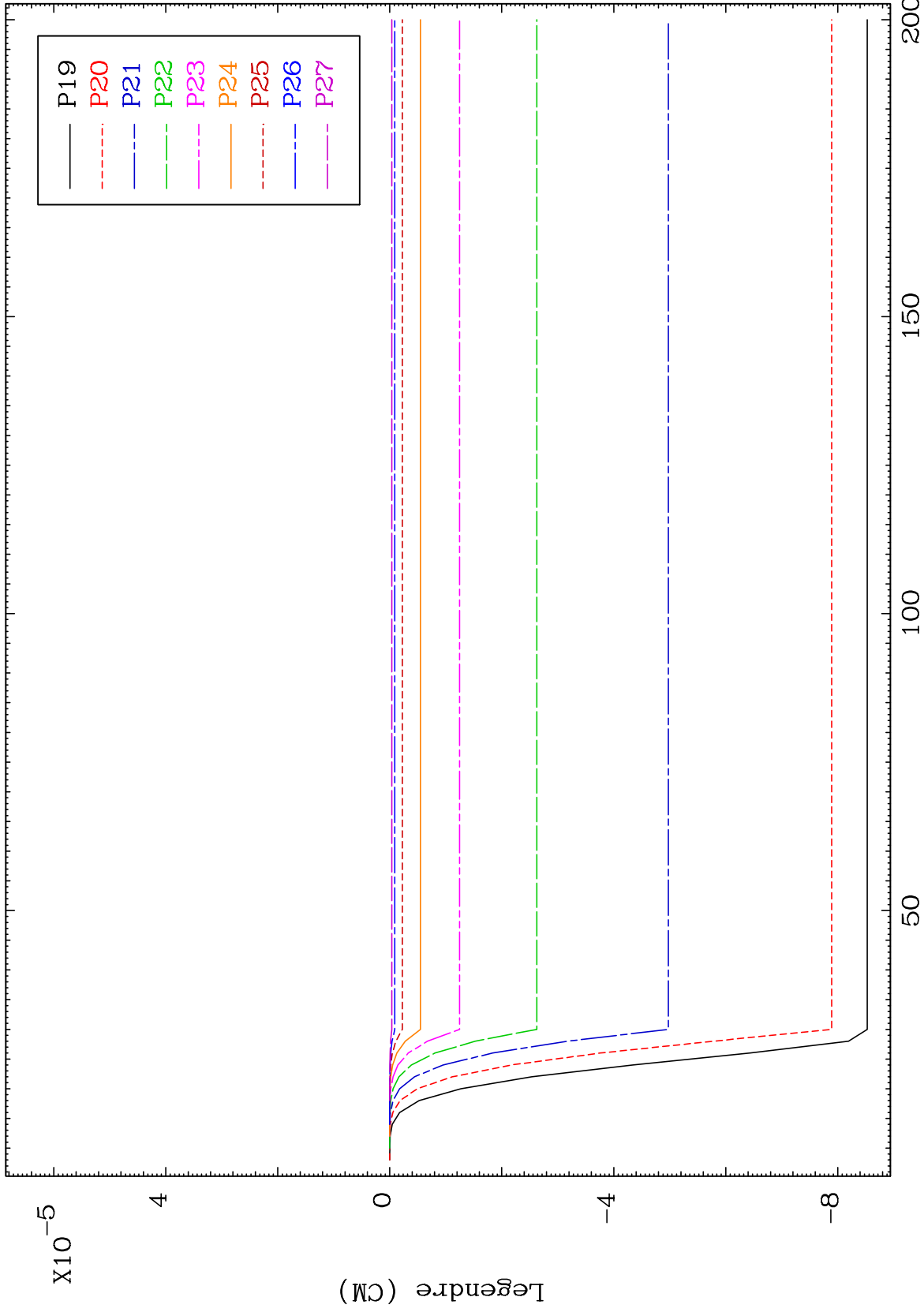




MAT 4004

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

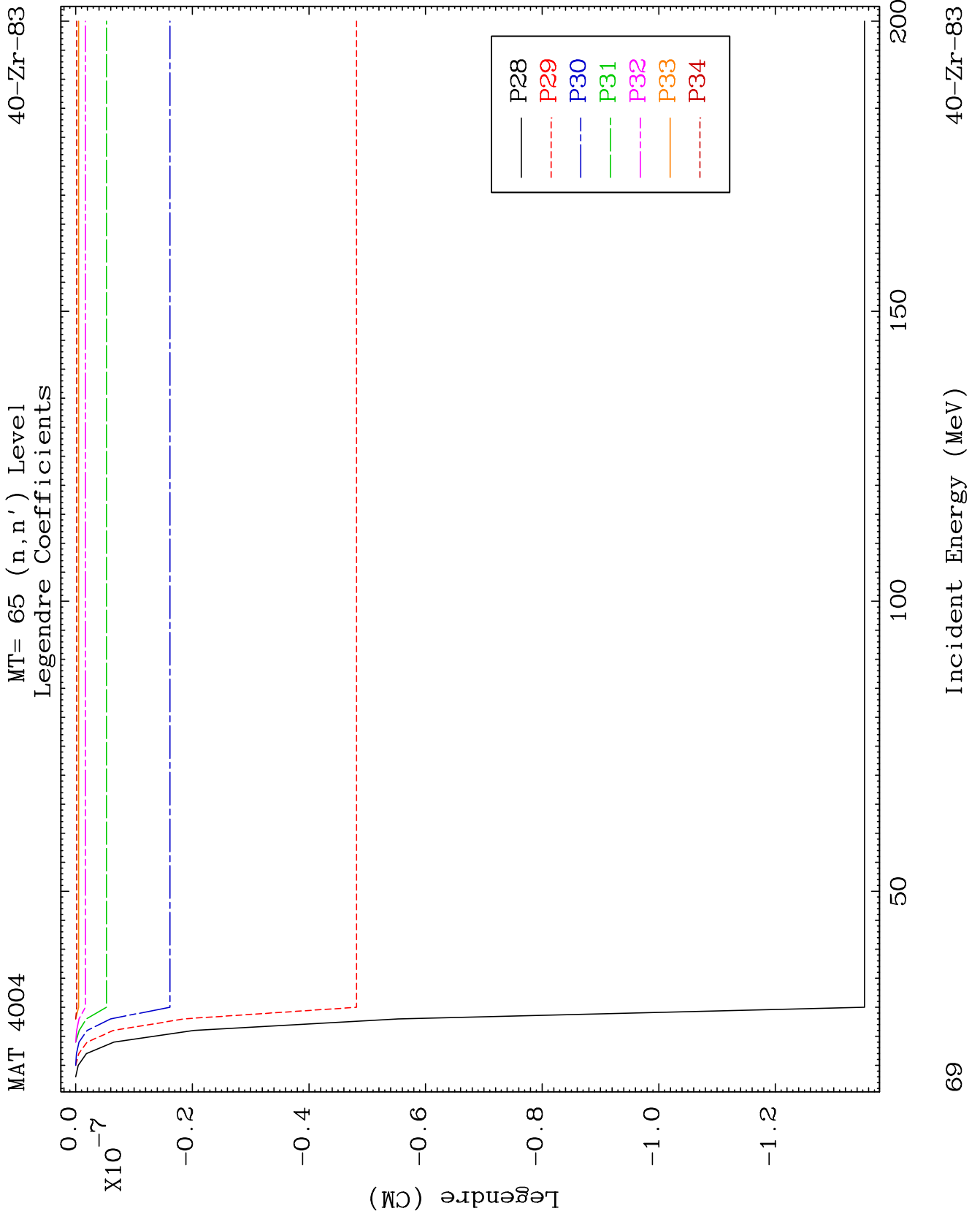
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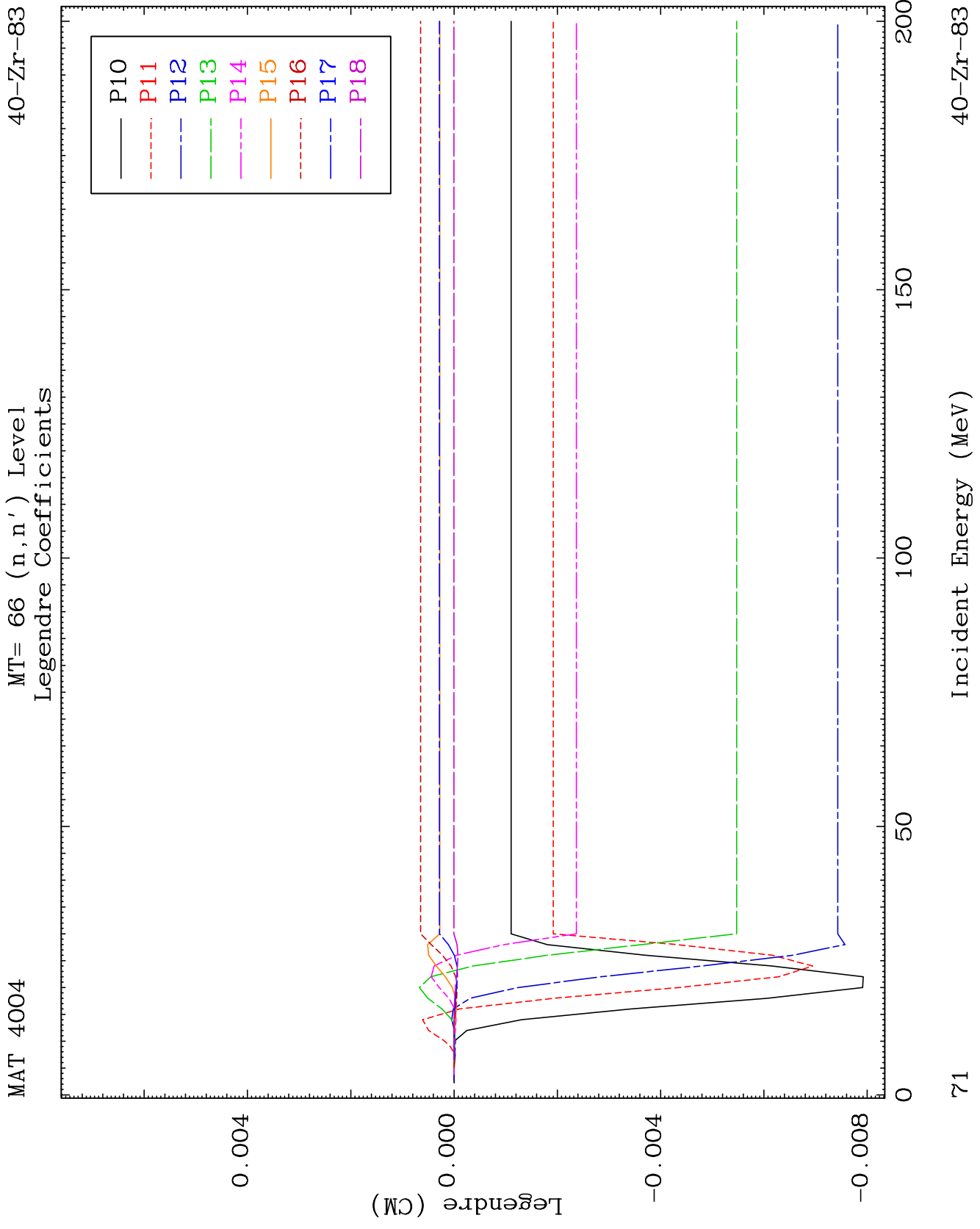


68

Incident Energy (MeV)

40-Zr-83

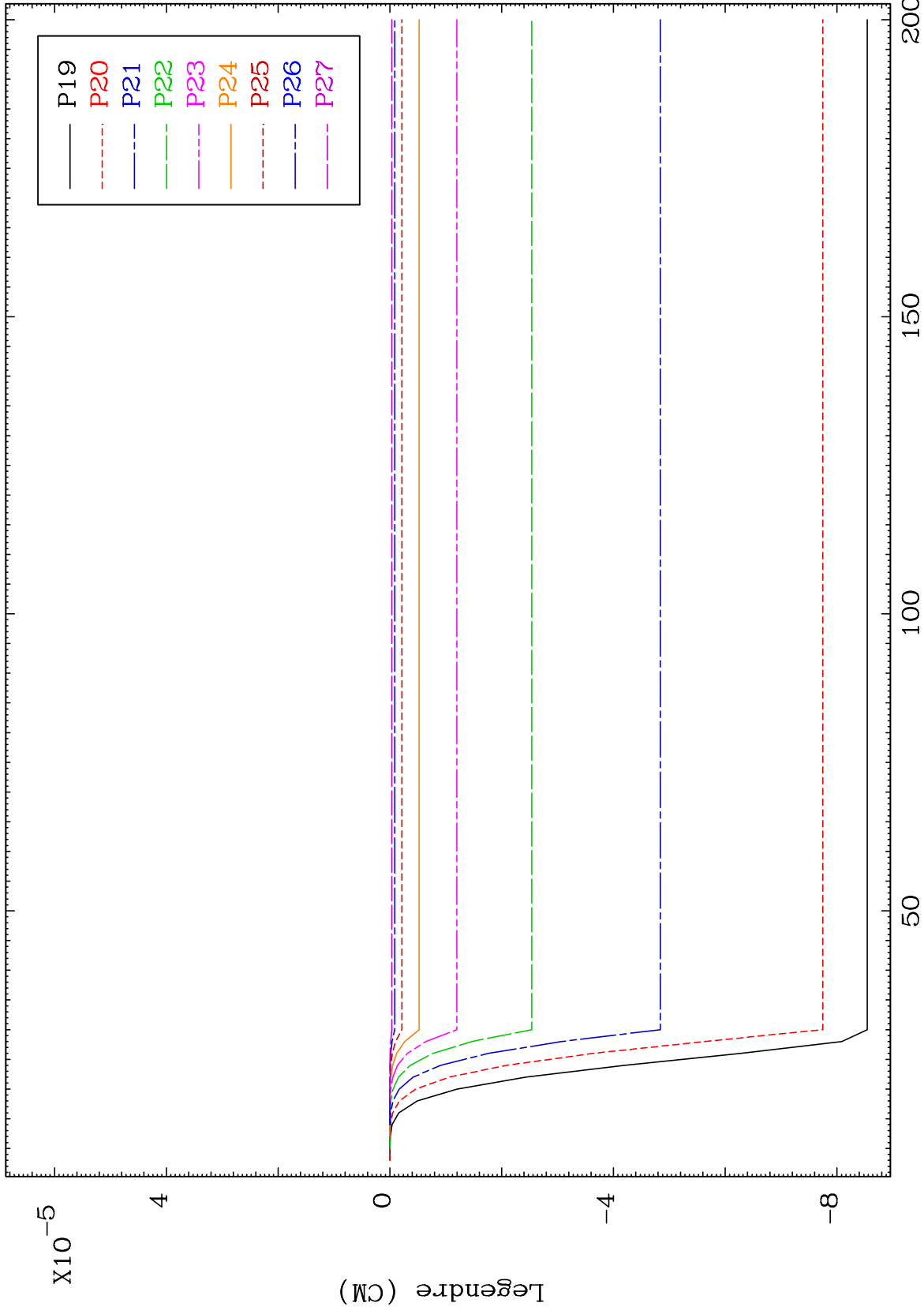




MAT 4004

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

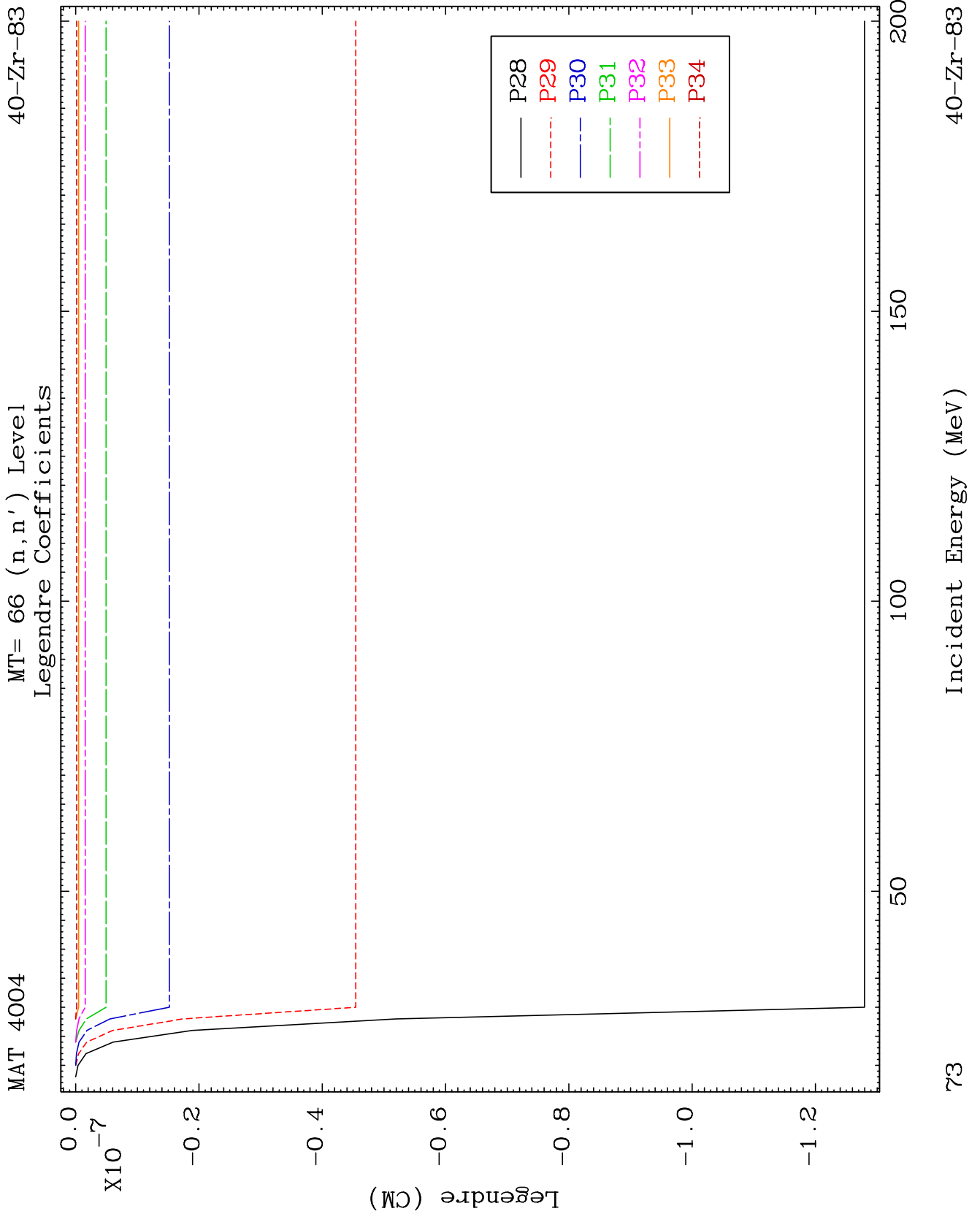
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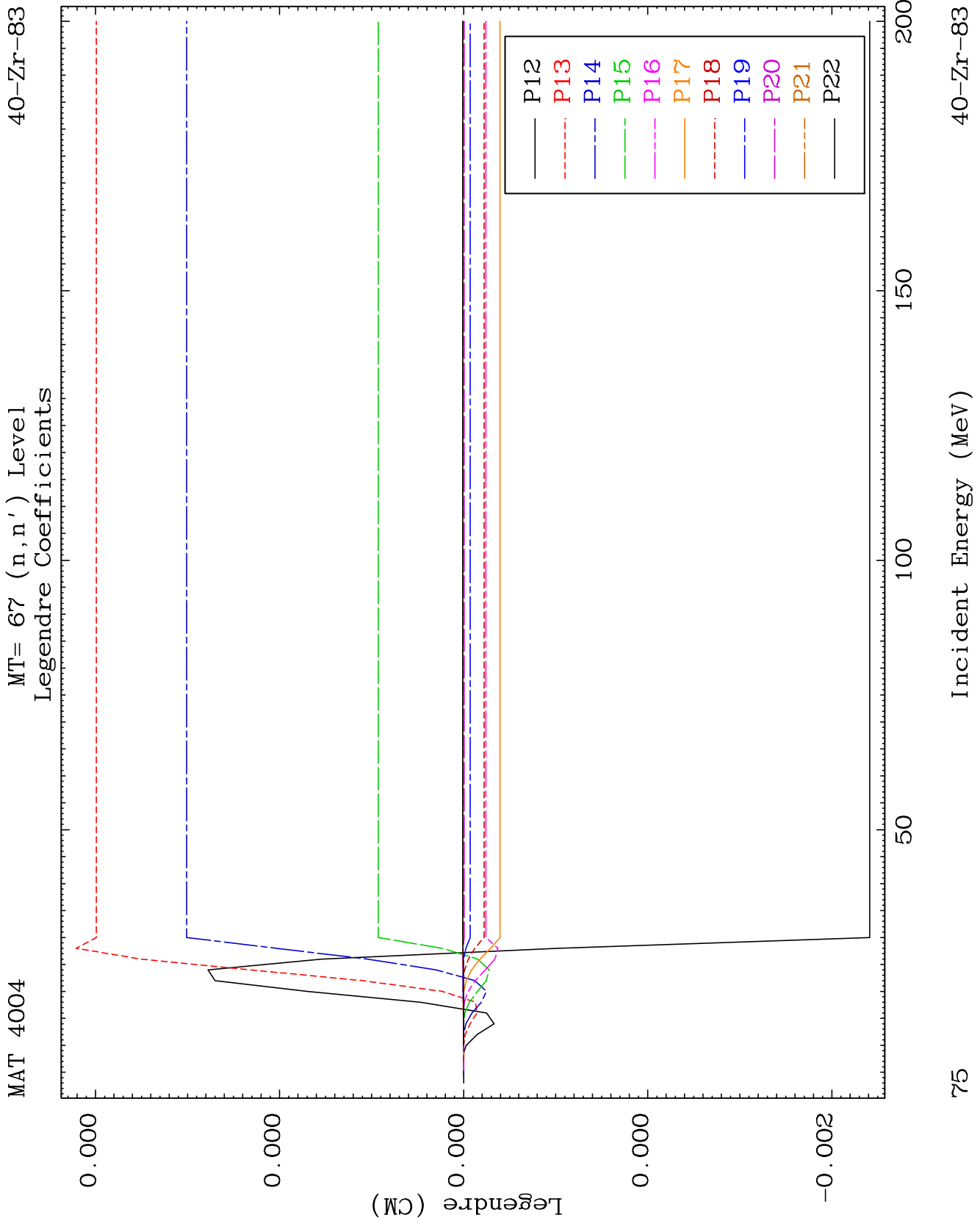


72

Incident Energy (MeV)

40-Zr-83

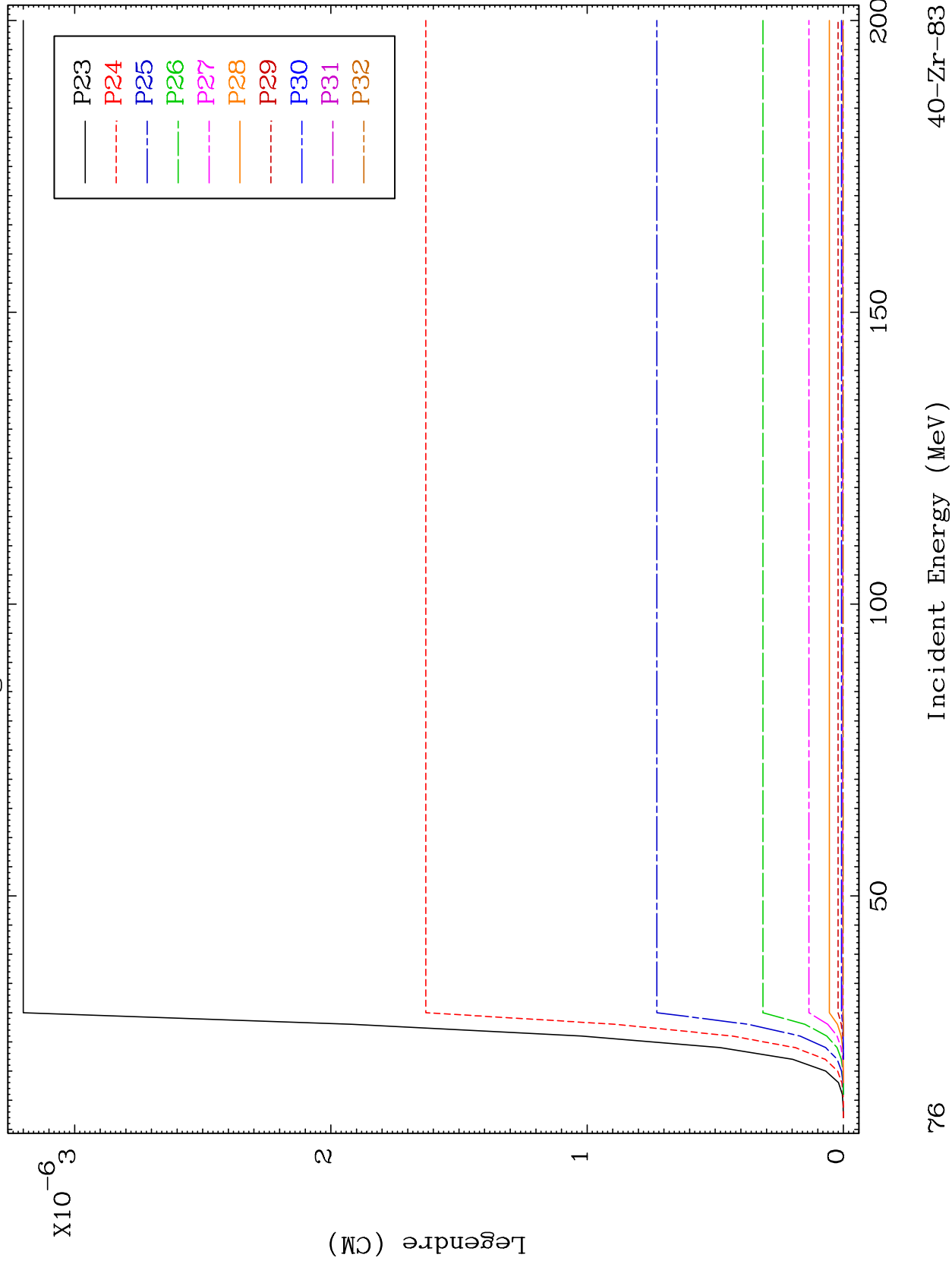




MAT 4004

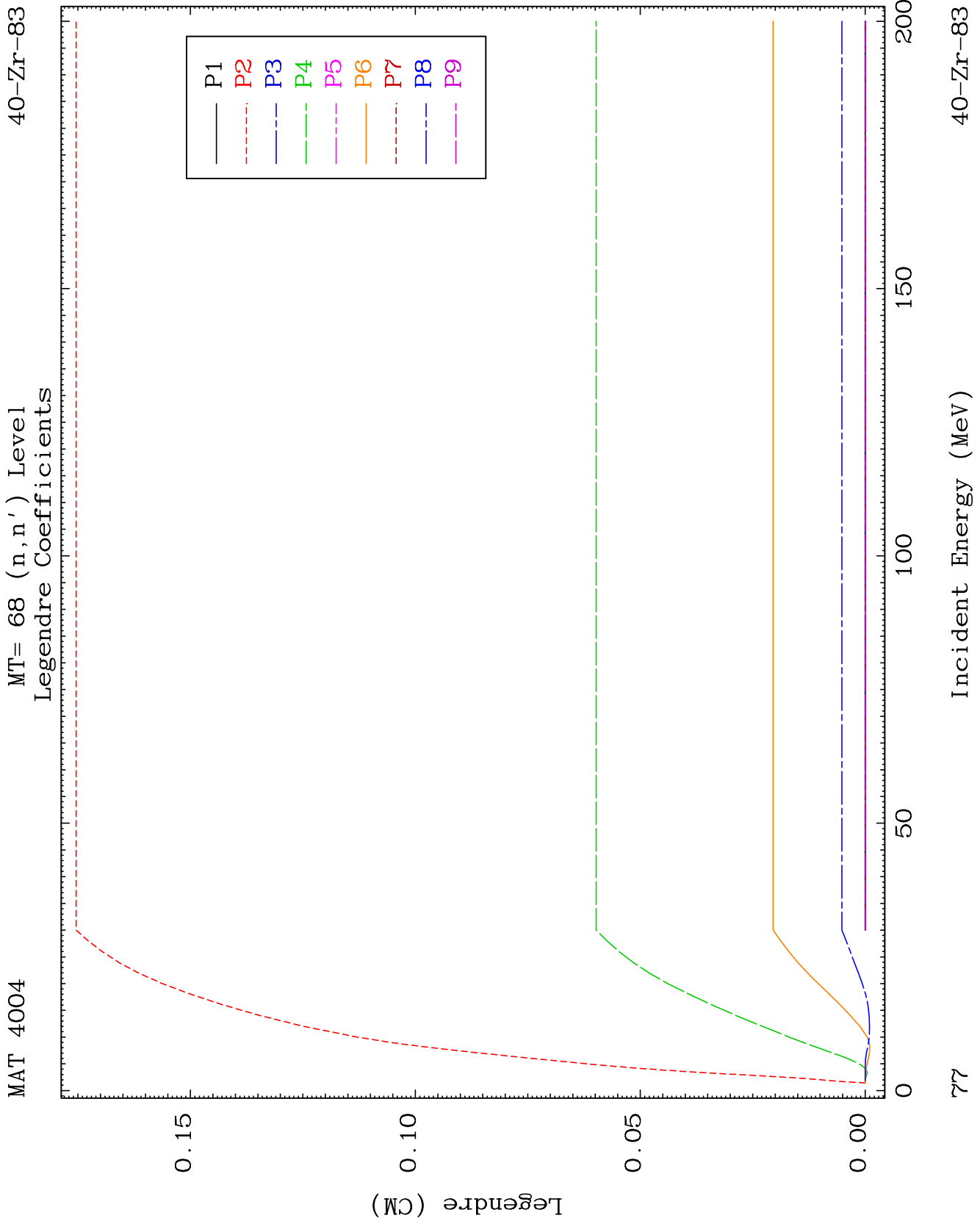
MT= 67 (n,n') Level
Legendre Coefficients

40-Zr-83



76

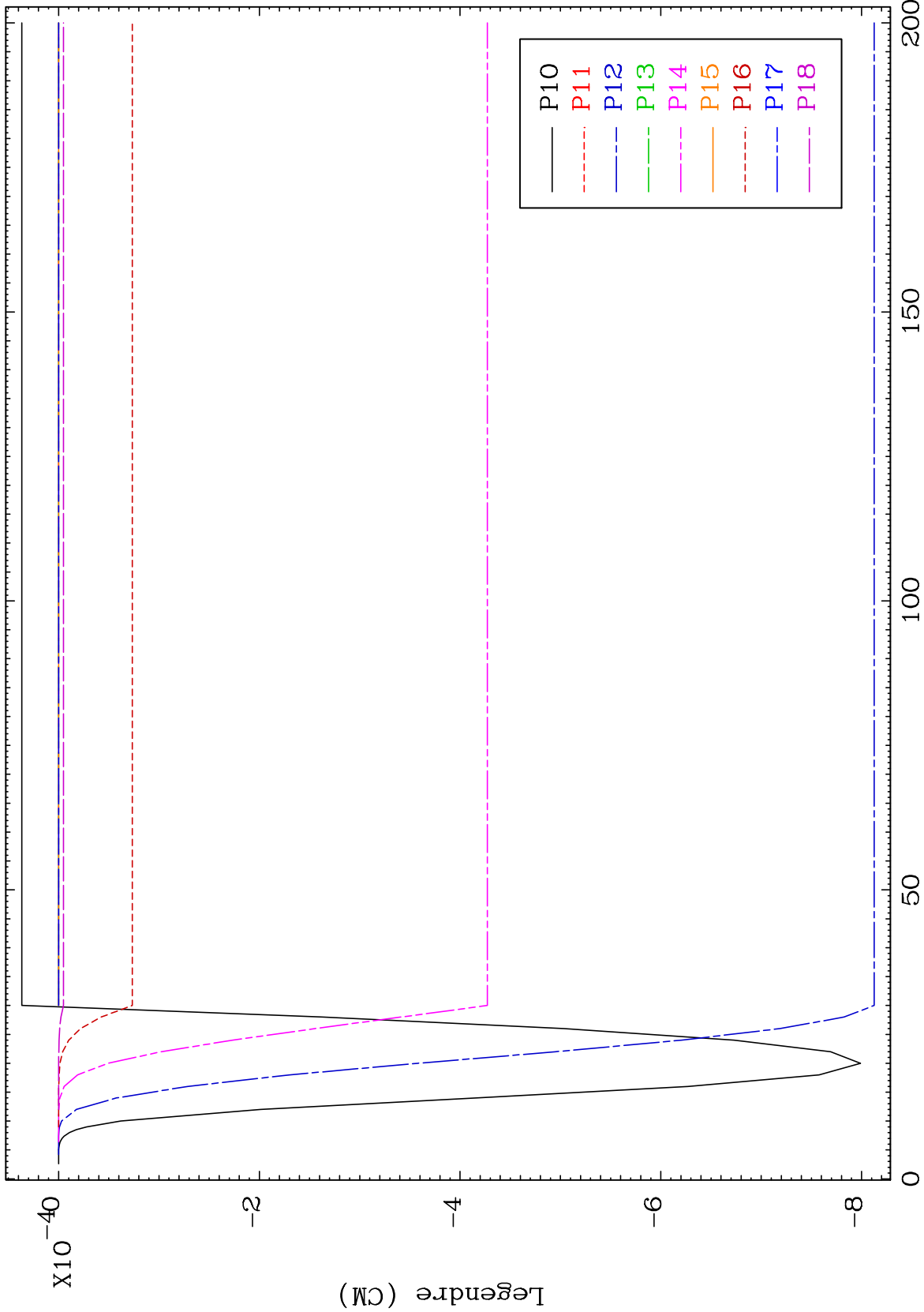
40-Zr-83



MAT 4004

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

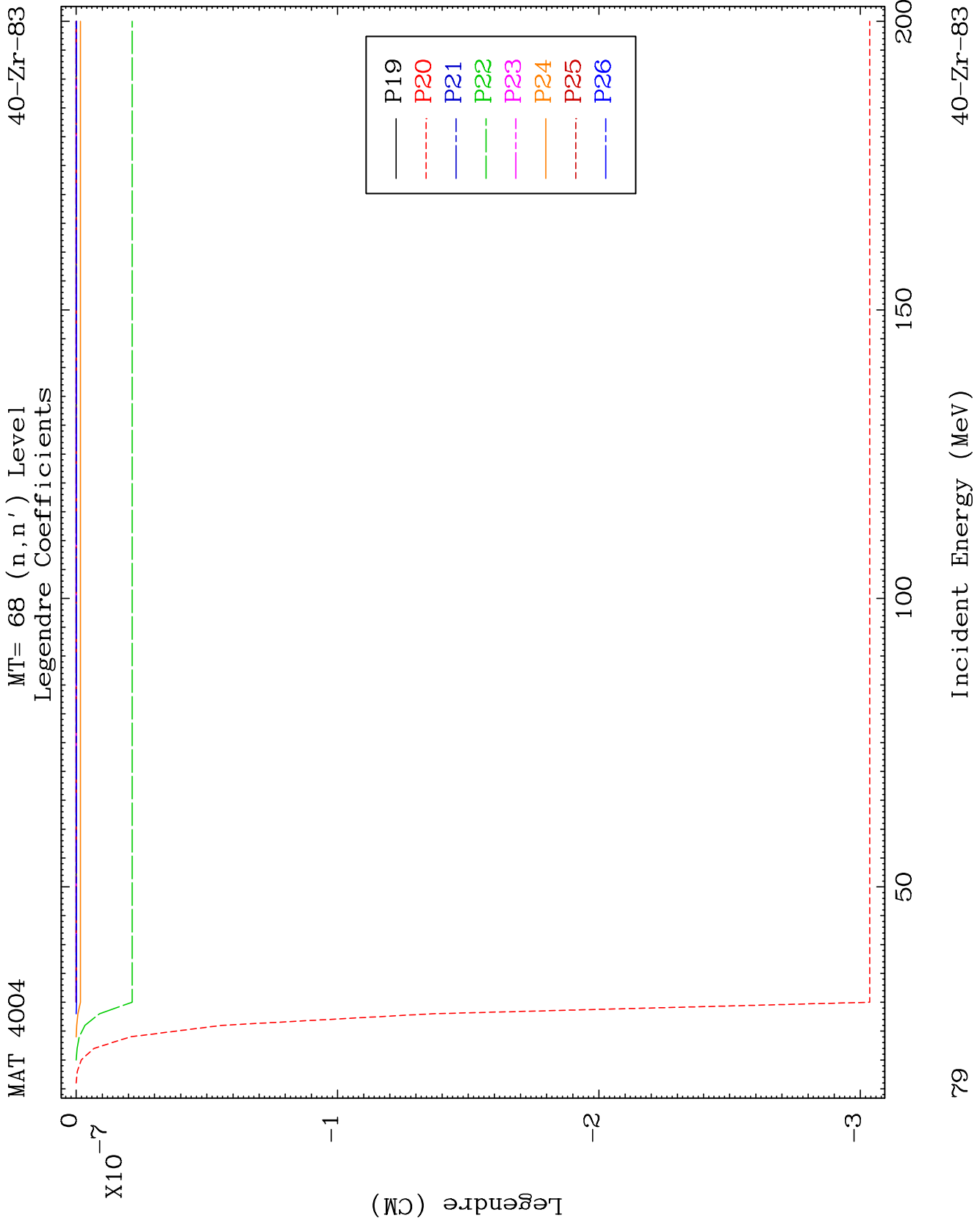
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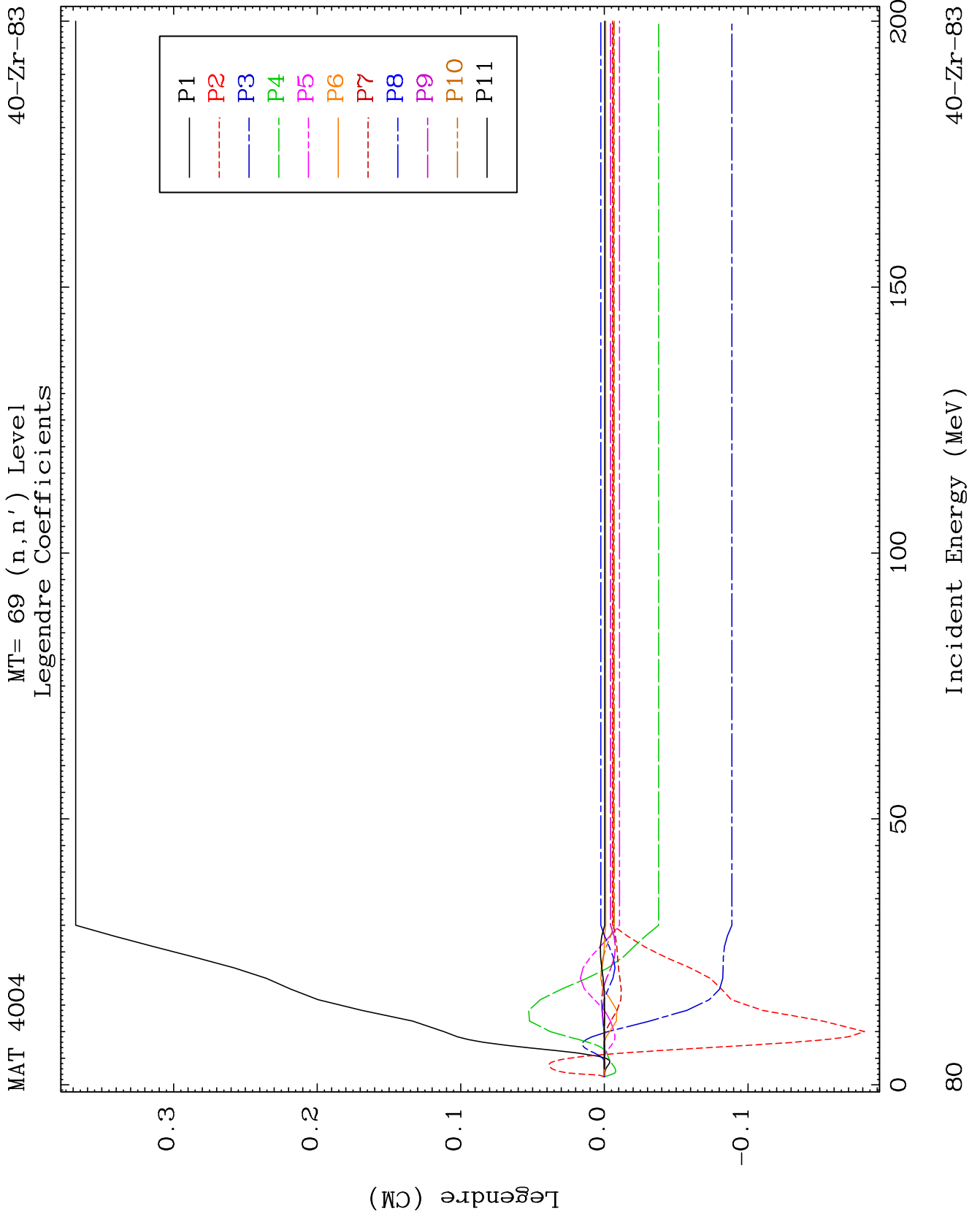


78

Incident Energy (MeV)

40-Zr-83

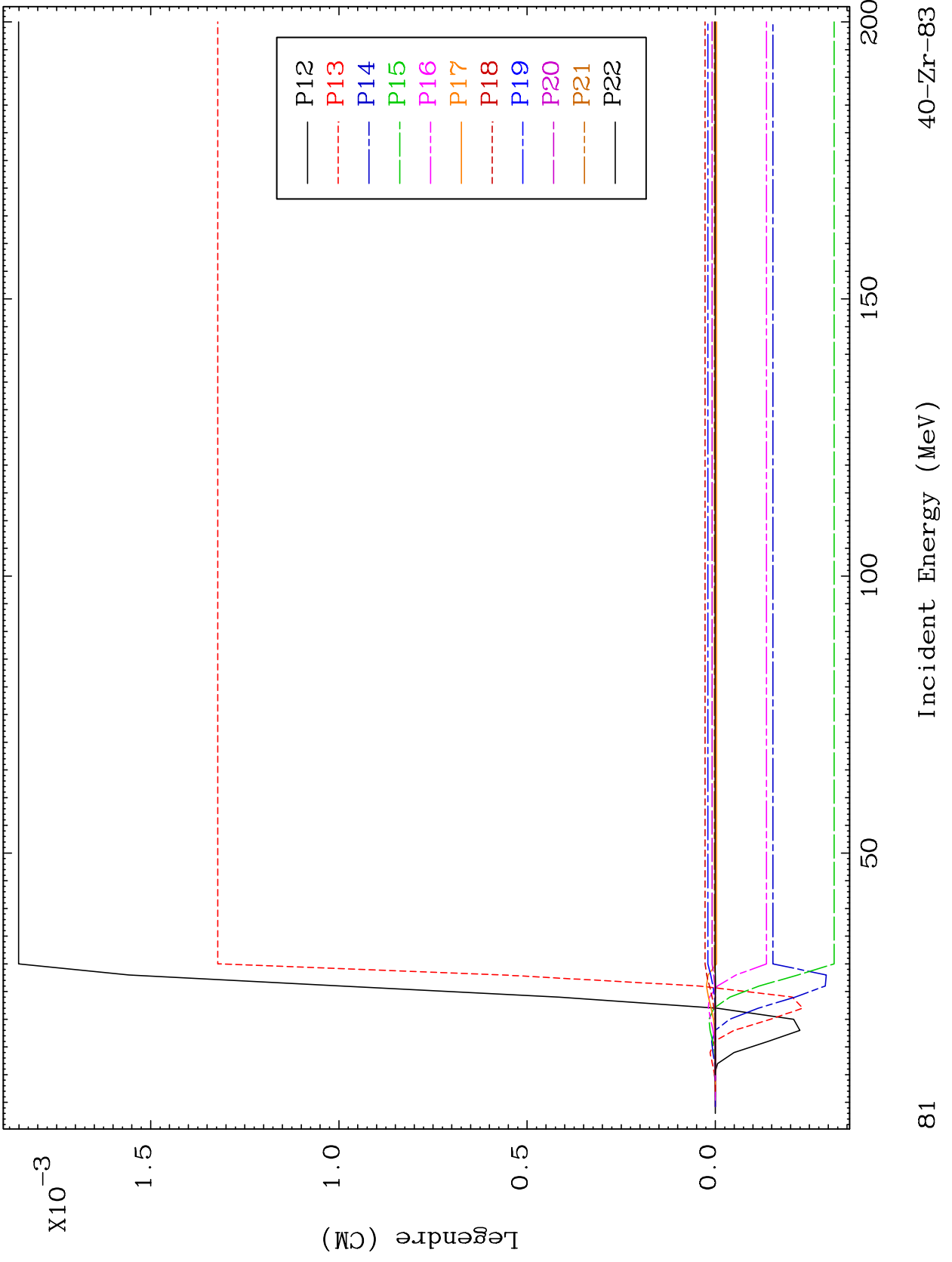


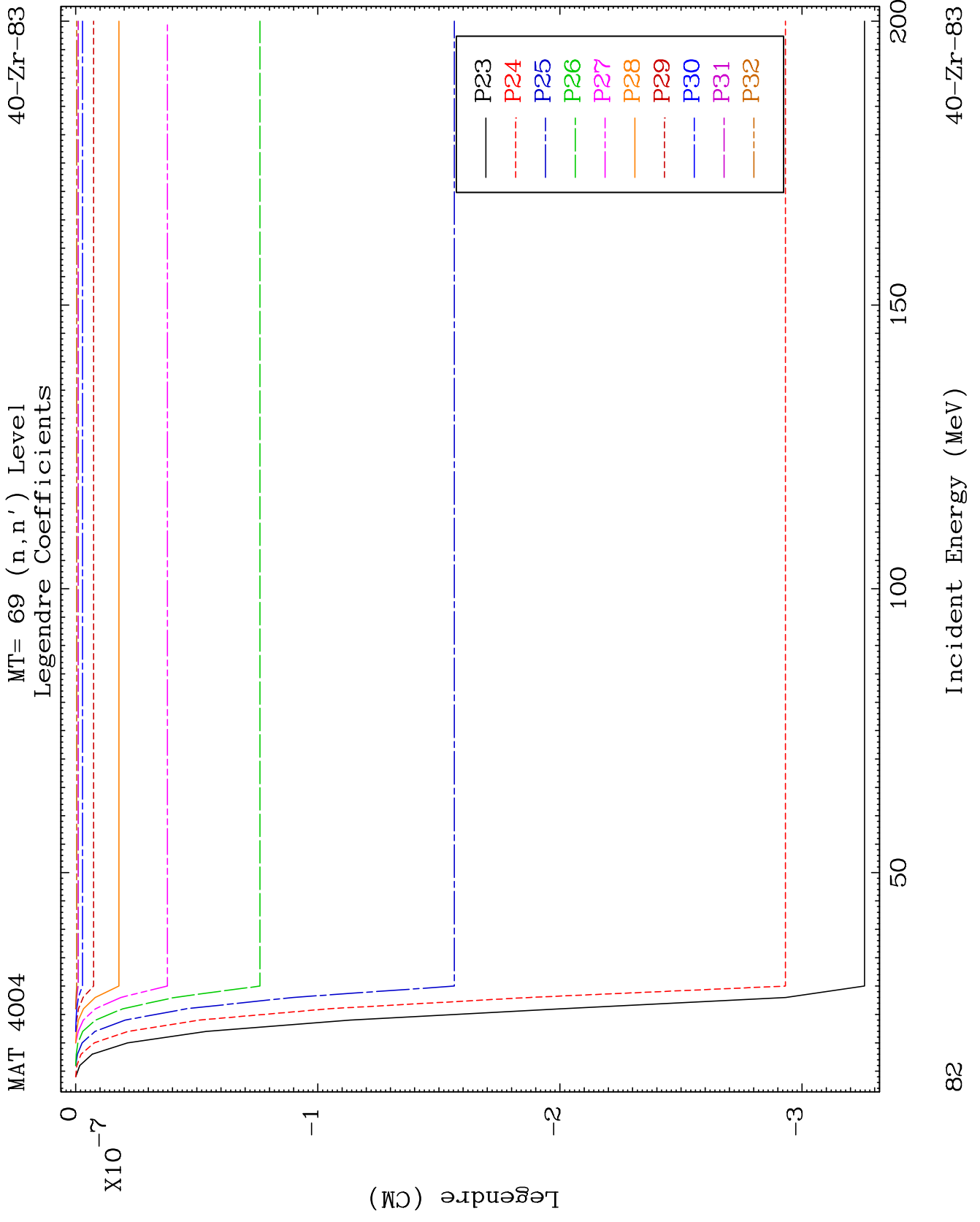


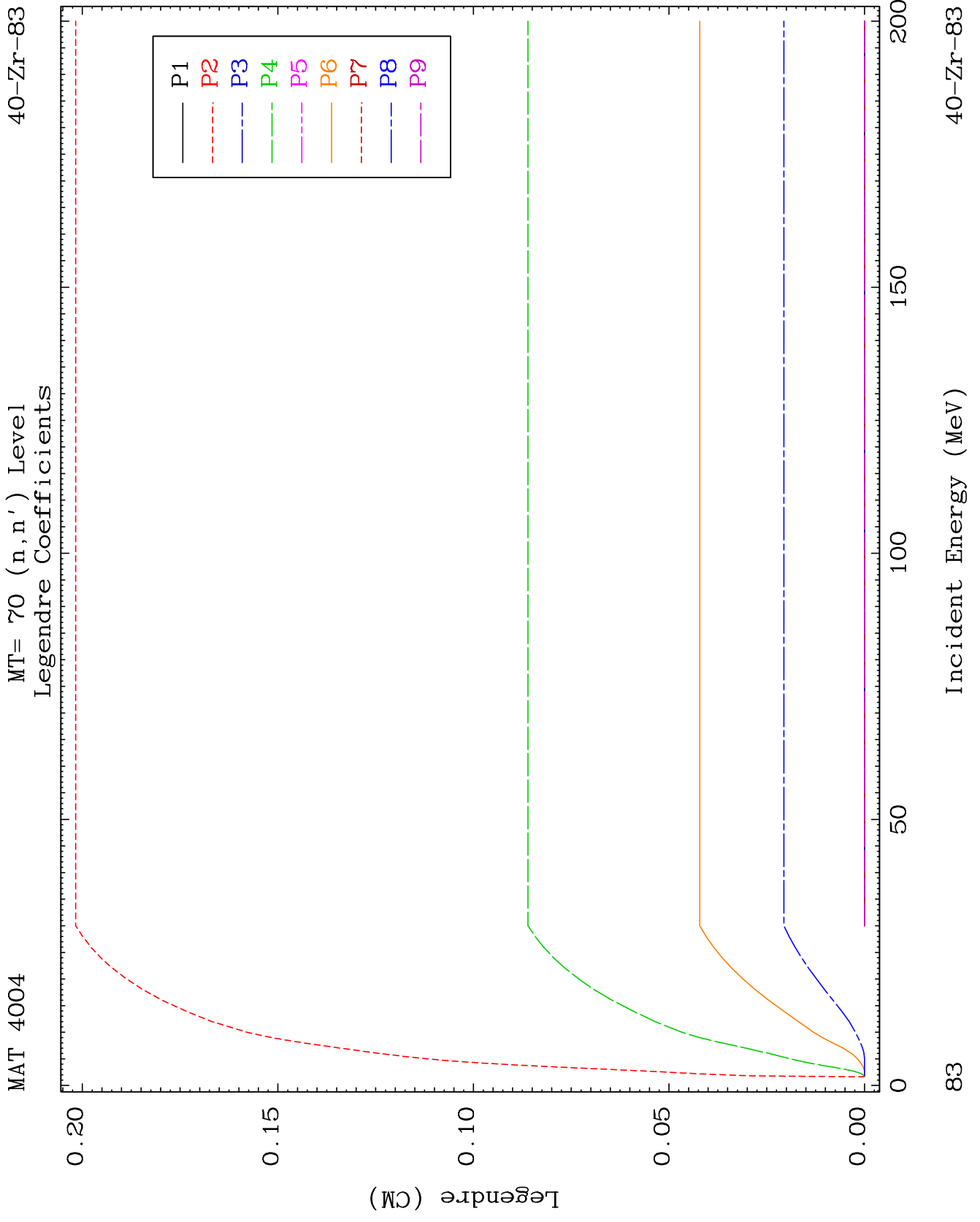
MAT 4004

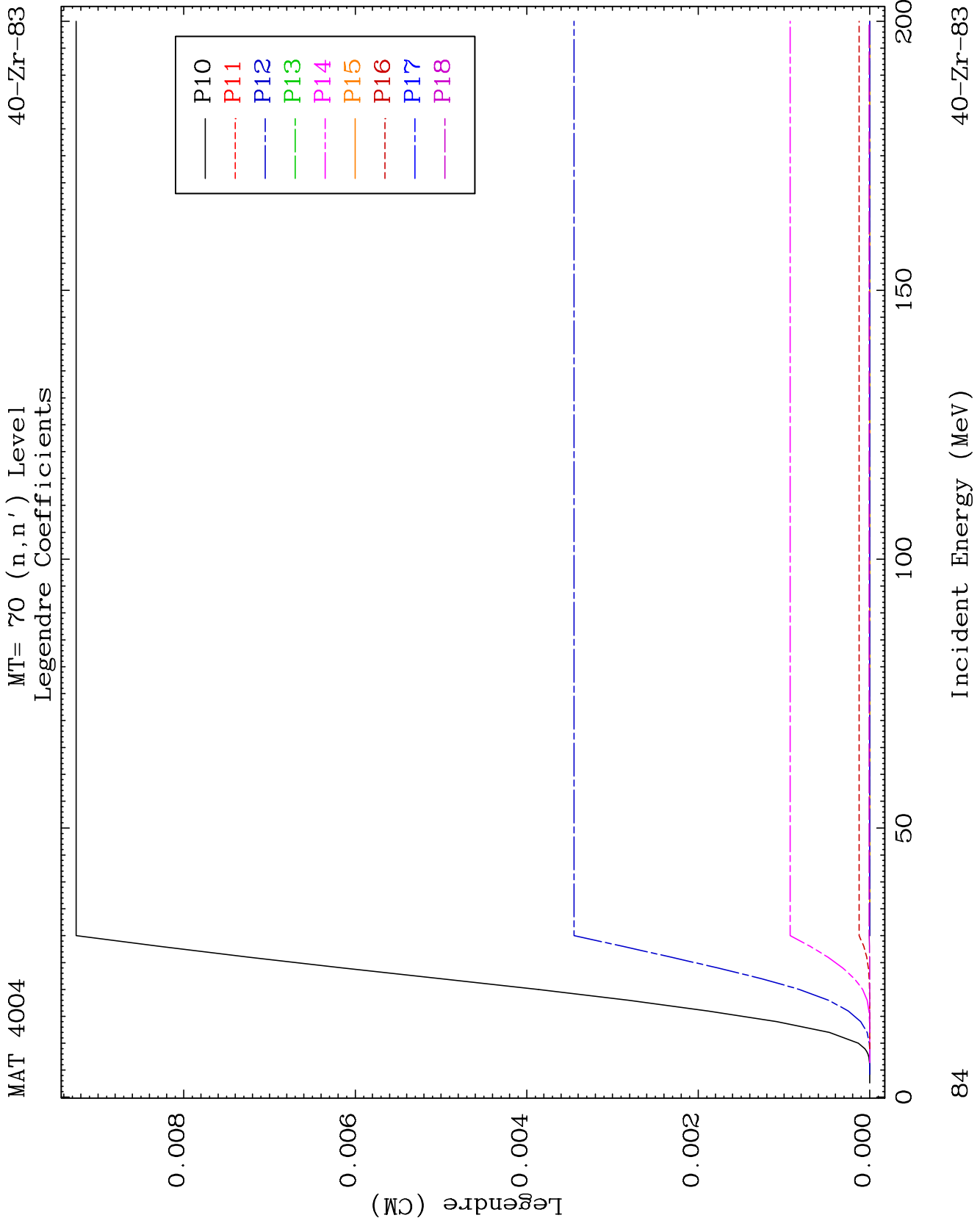
MT= 69 (n,n') Level
Legendre Coefficients

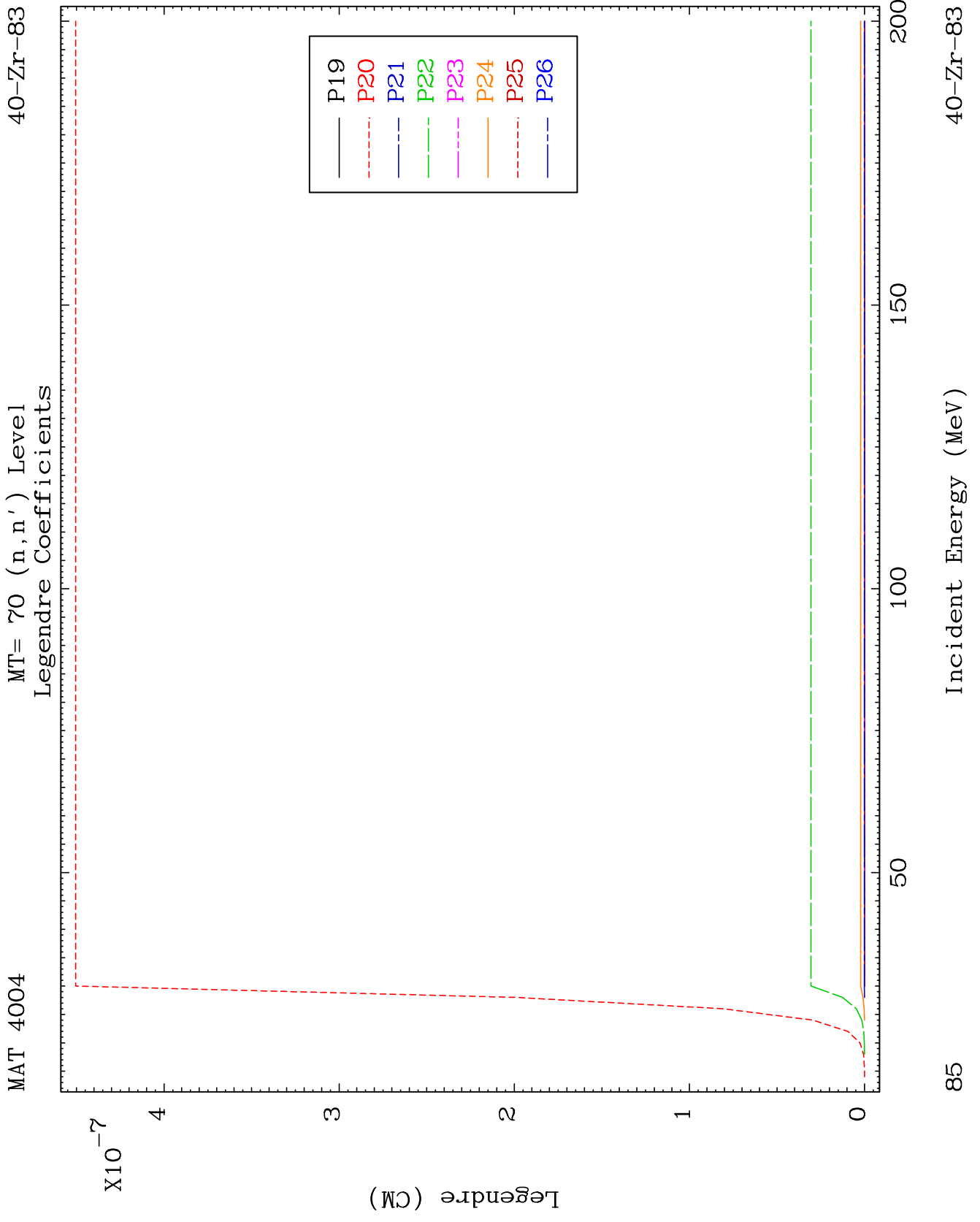
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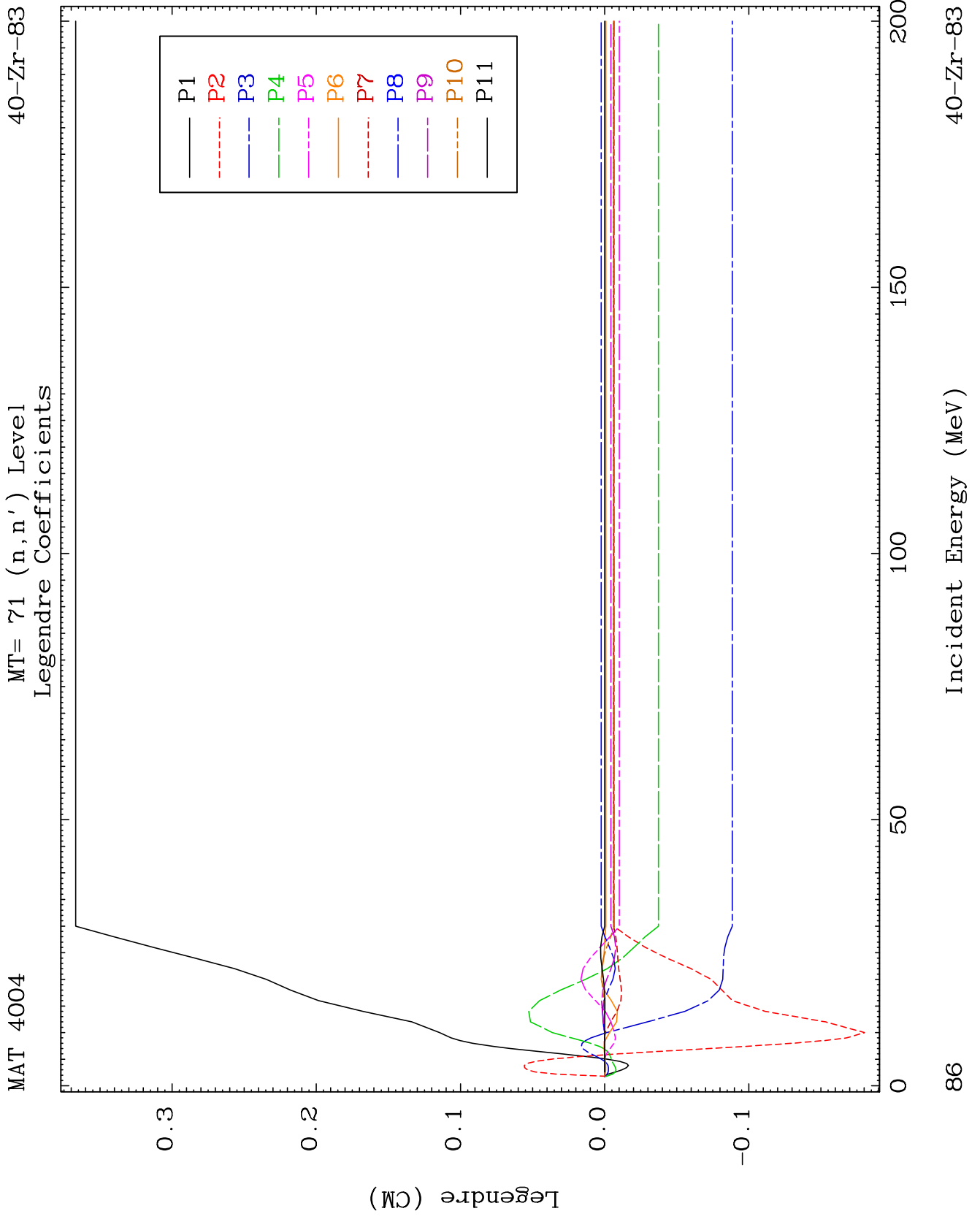








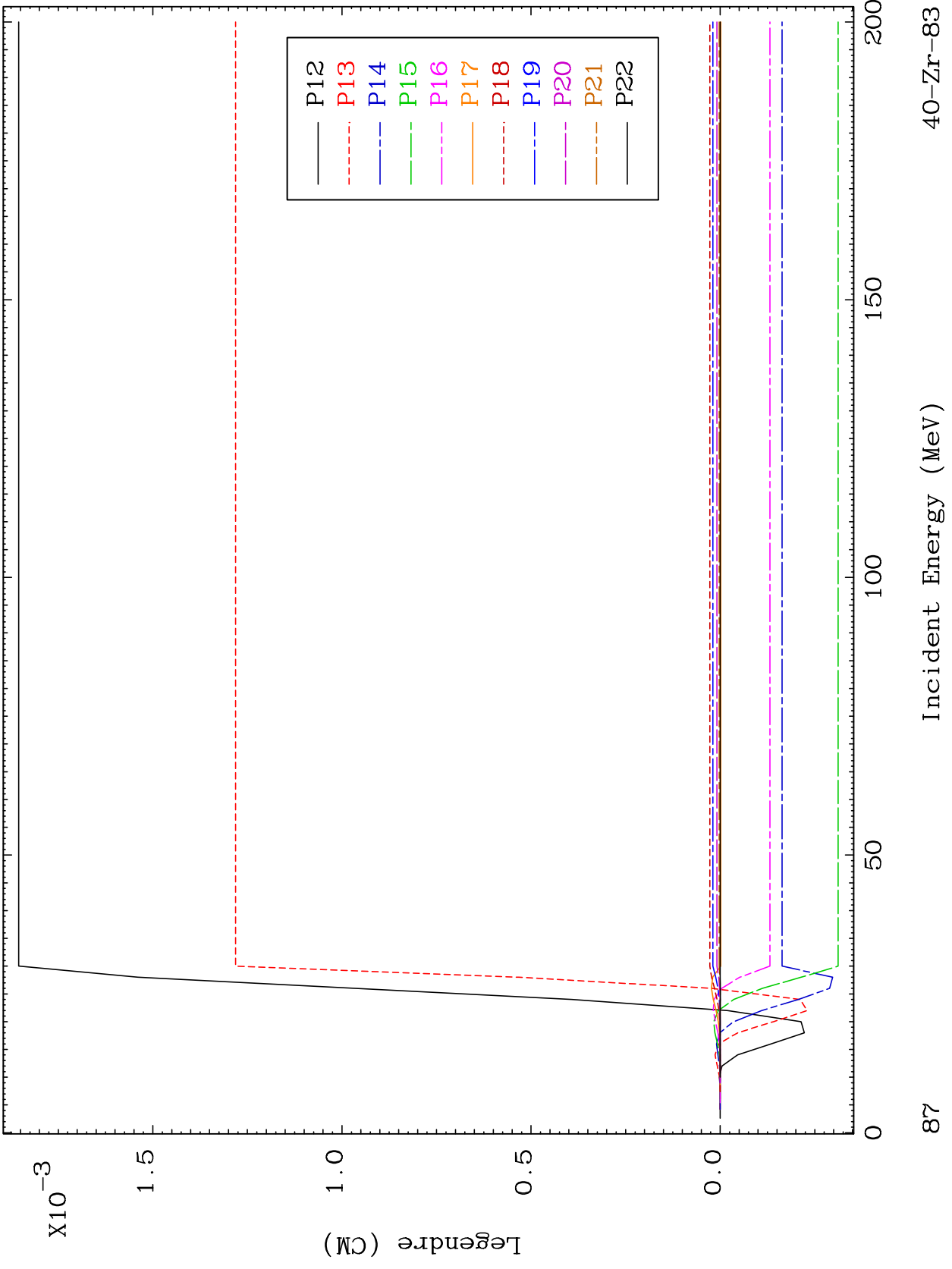


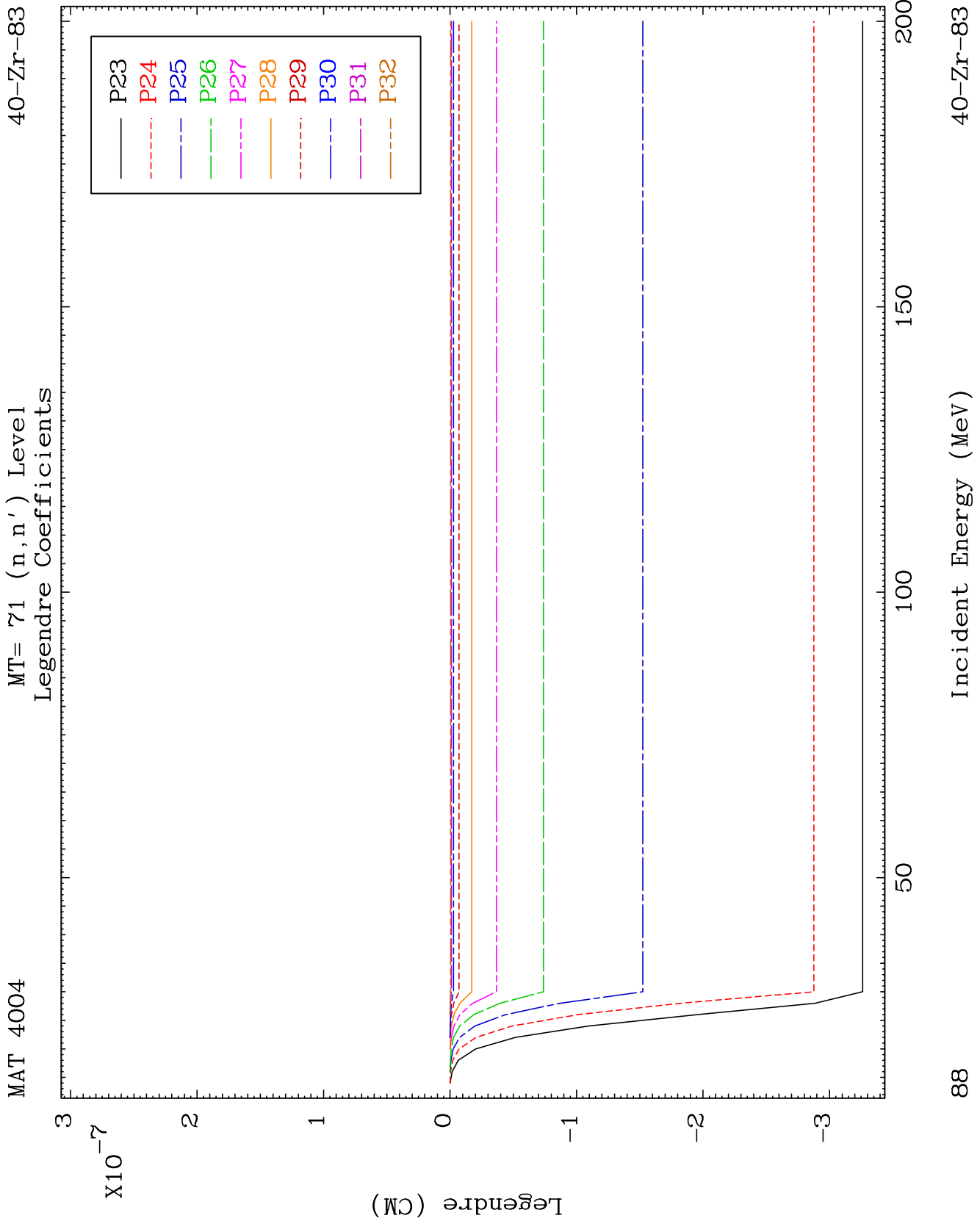


MAT 4004

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

40-Zr-83

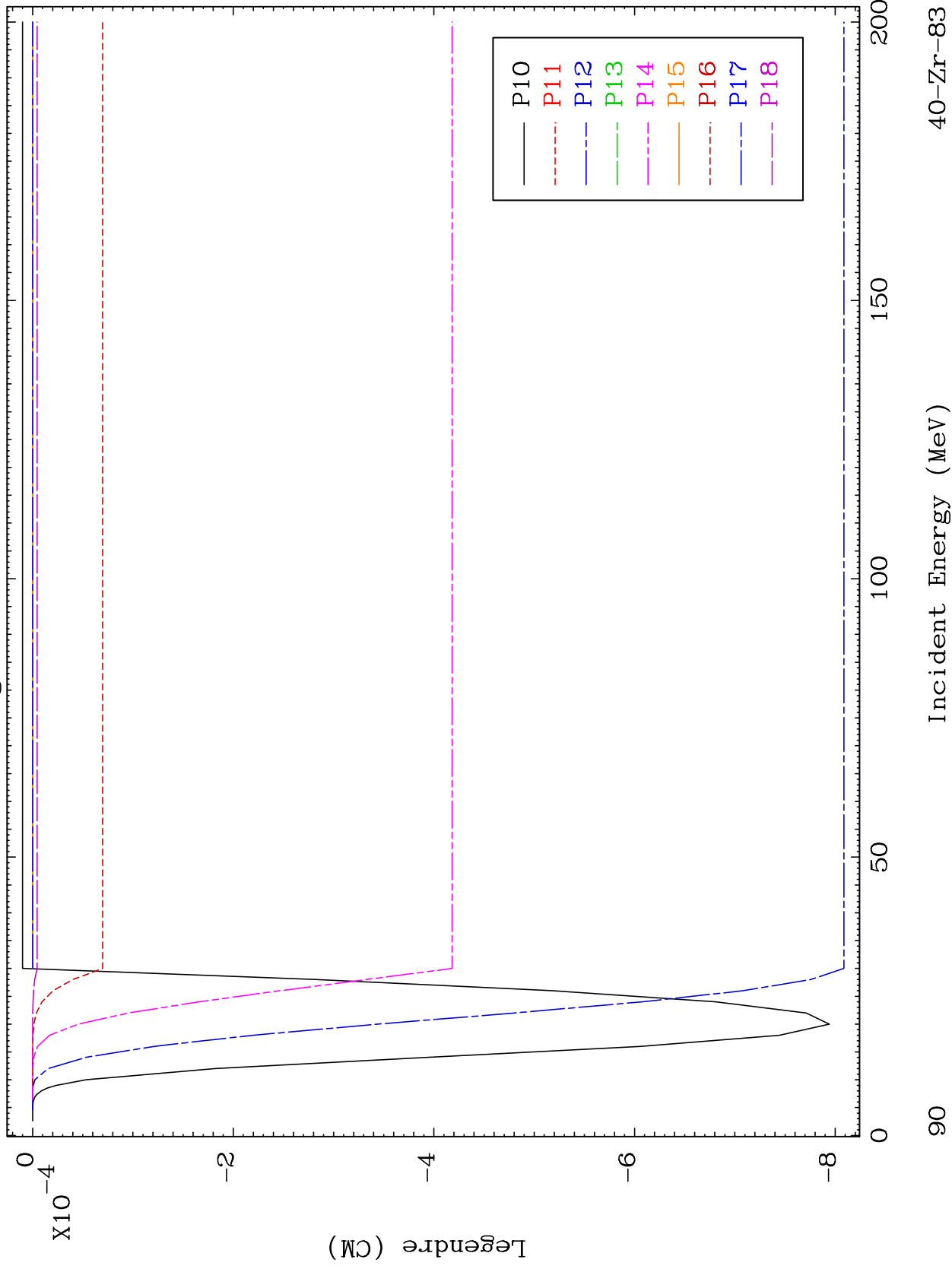




MAT 4004

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

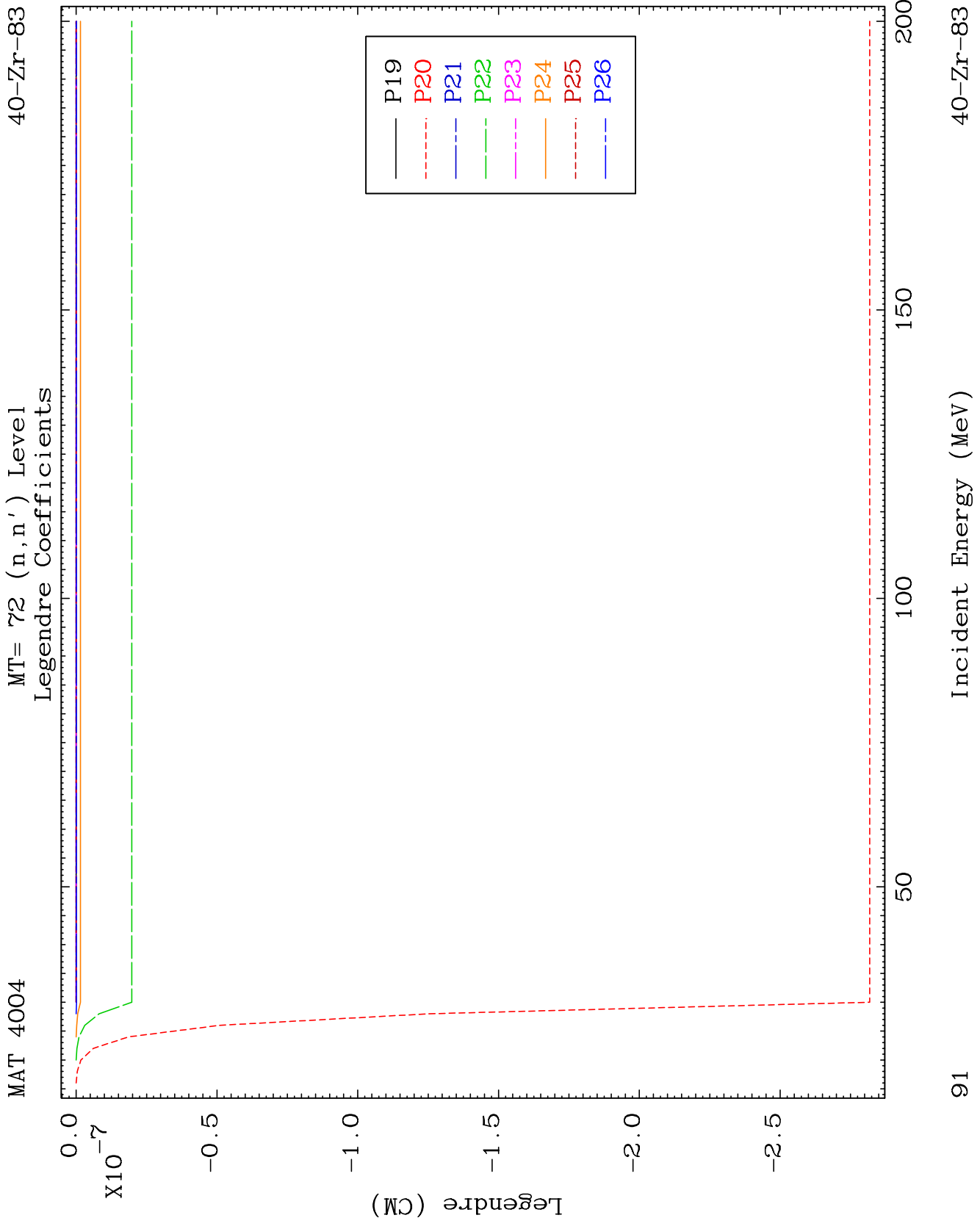
40-Zr-83

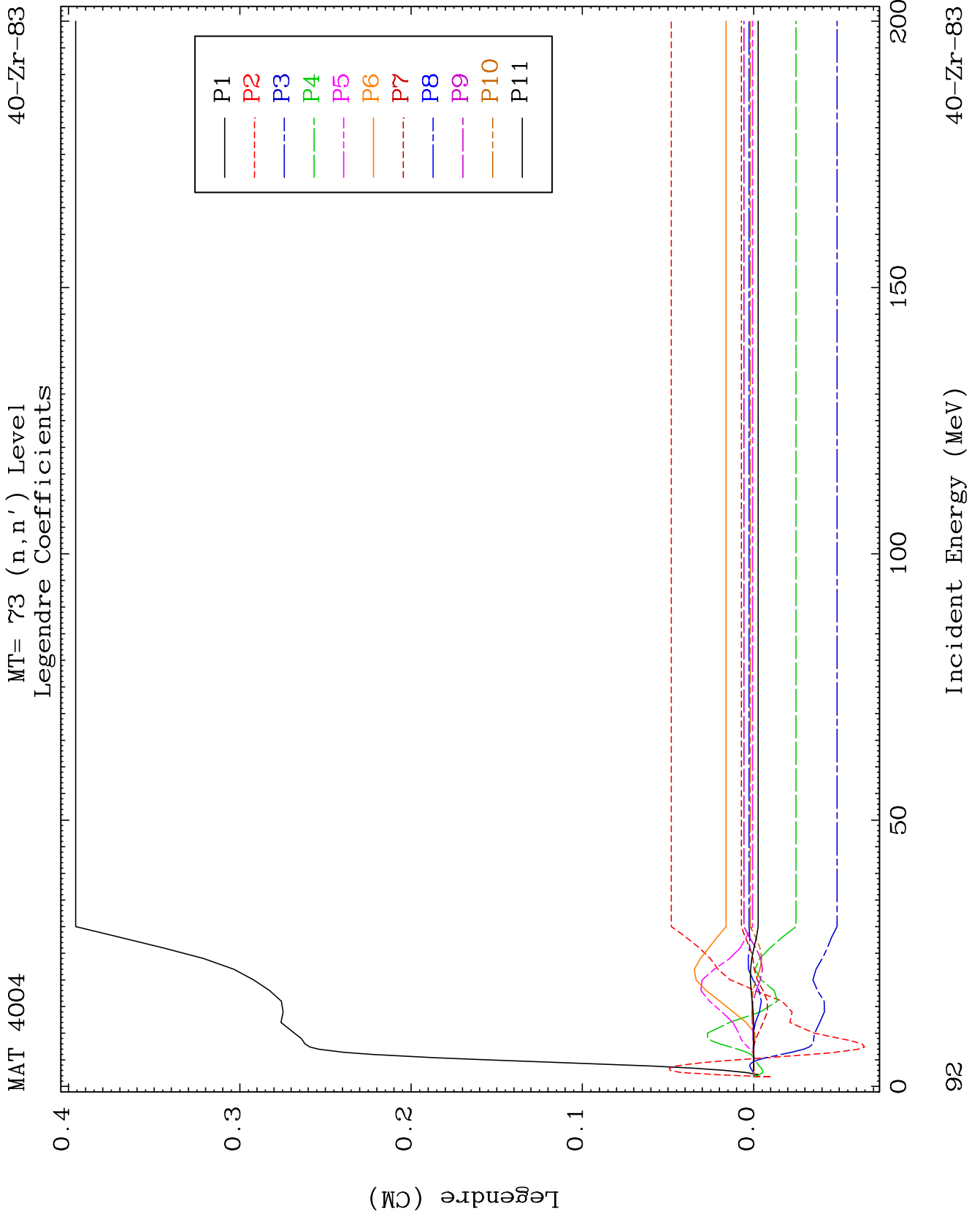


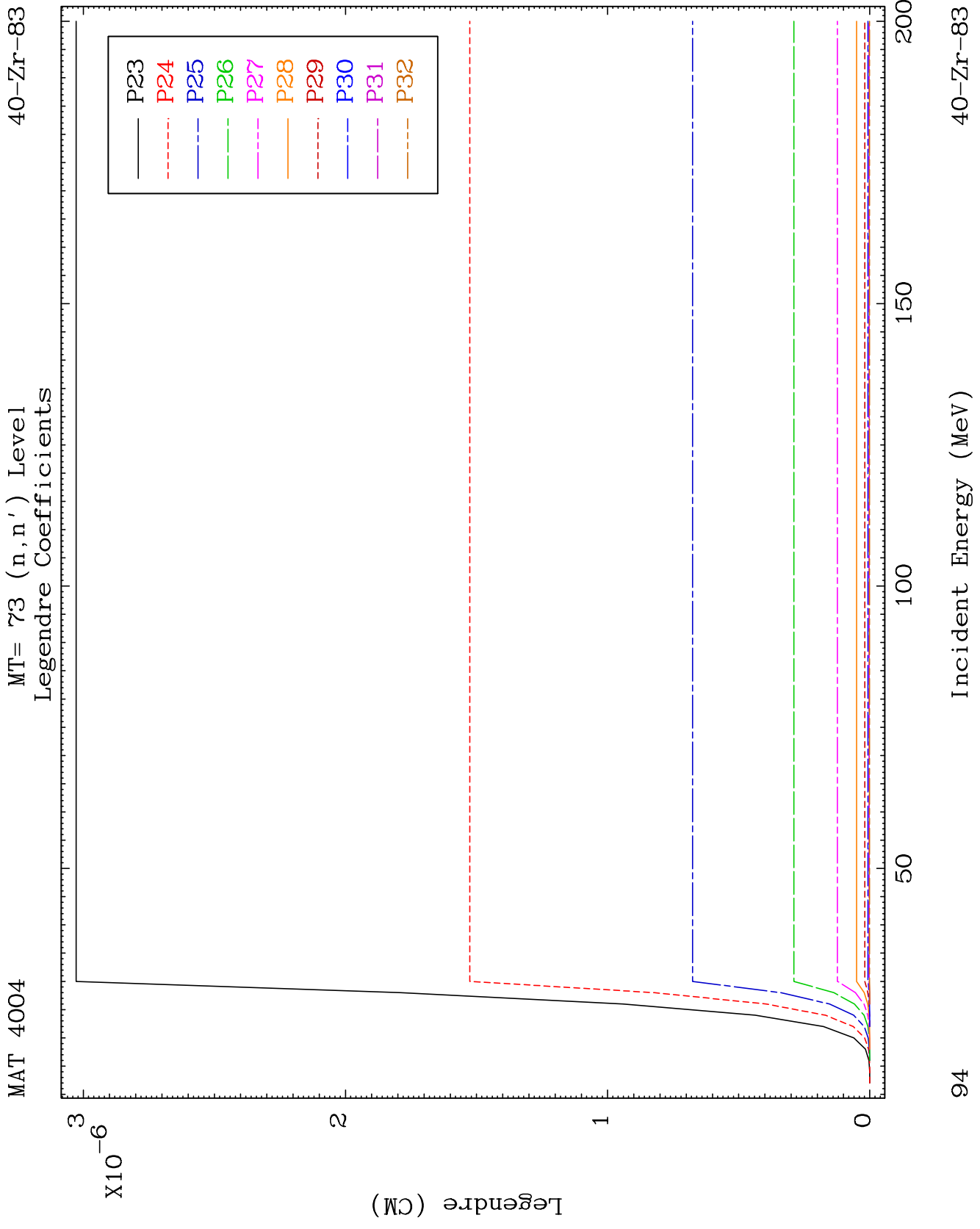
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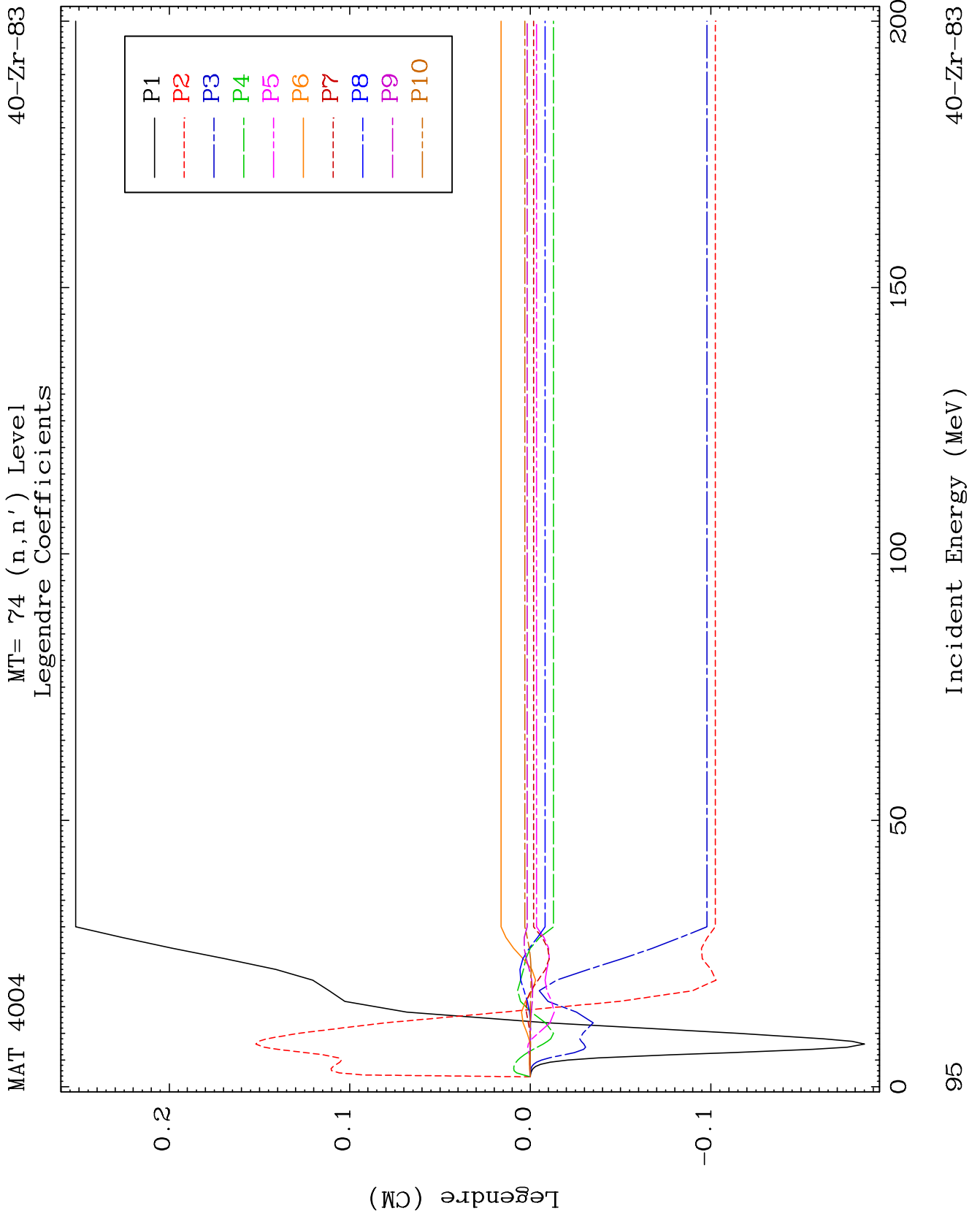
Incident Energy (MeV)

90





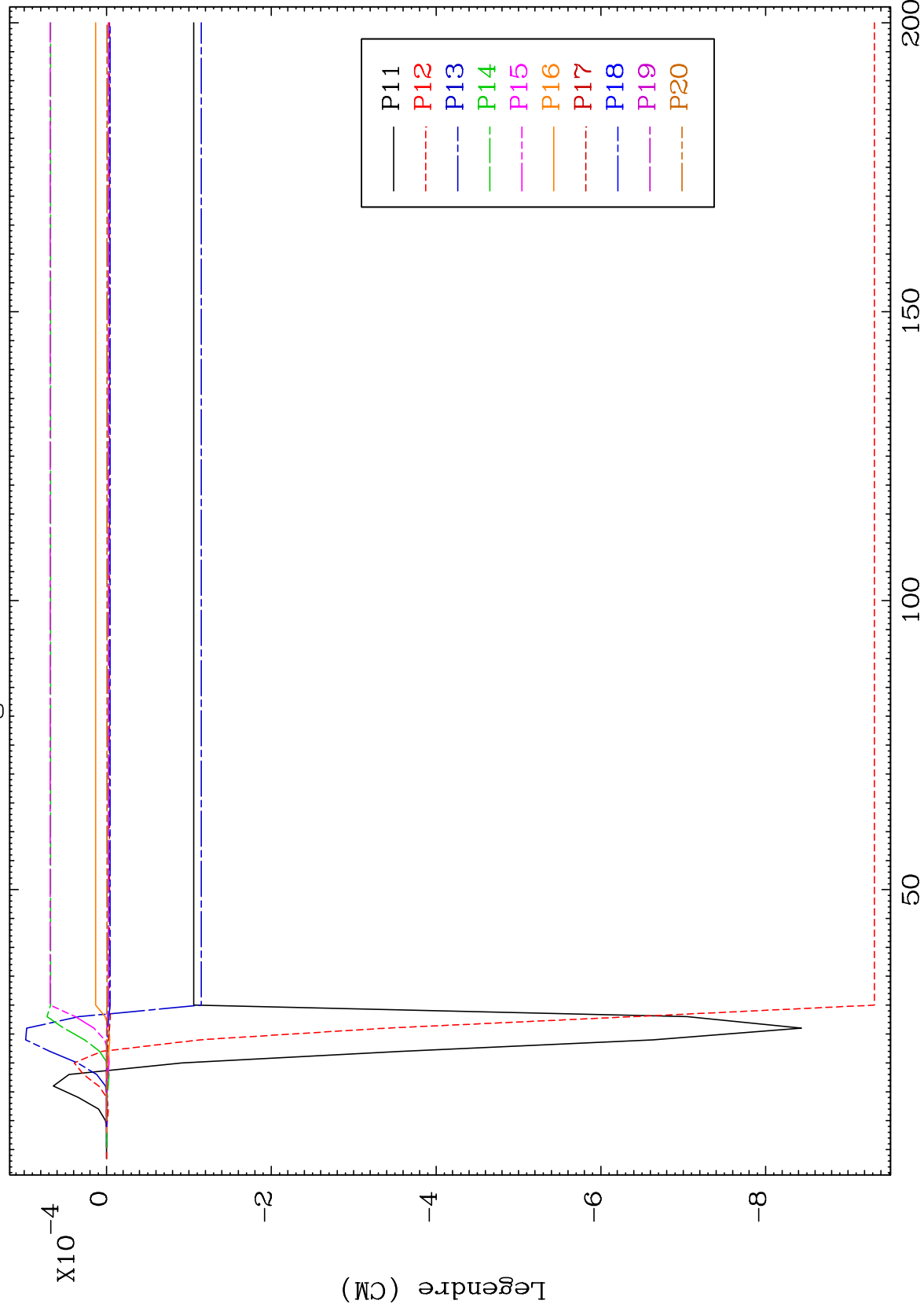




MAT 4004

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

40-Zr-83



96

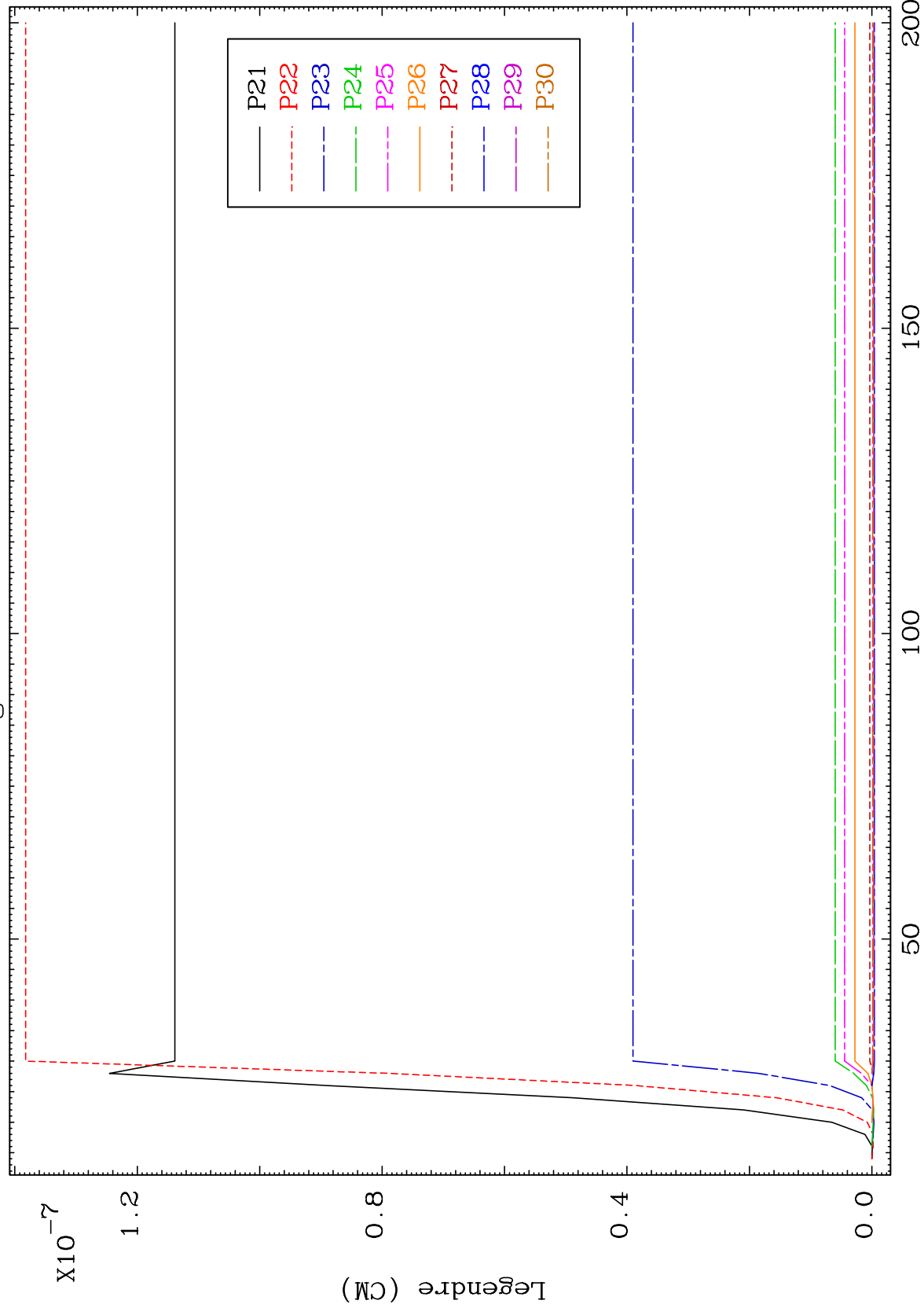
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

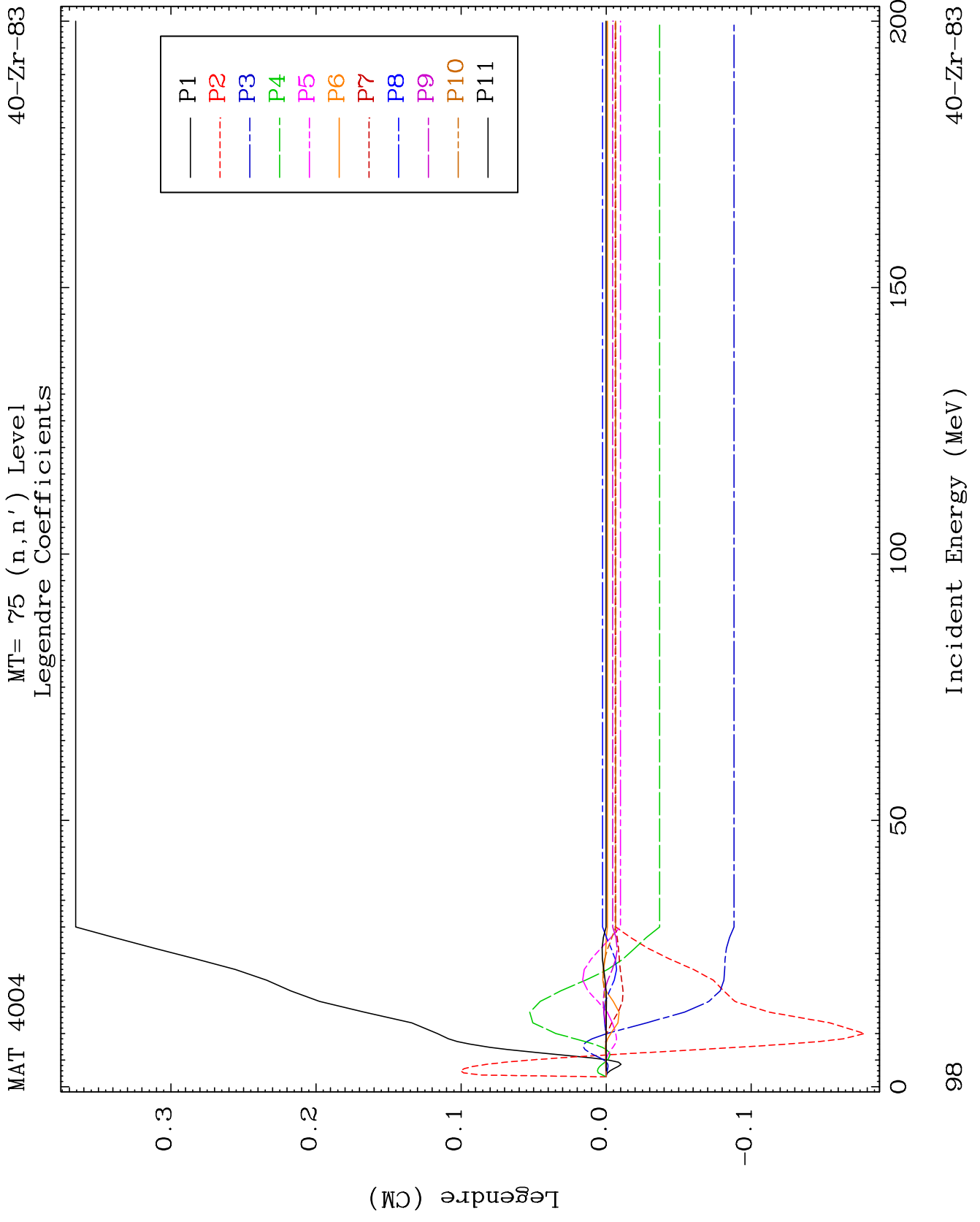
40-Zr-83



40-Zr-83

Incident Energy (MeV)

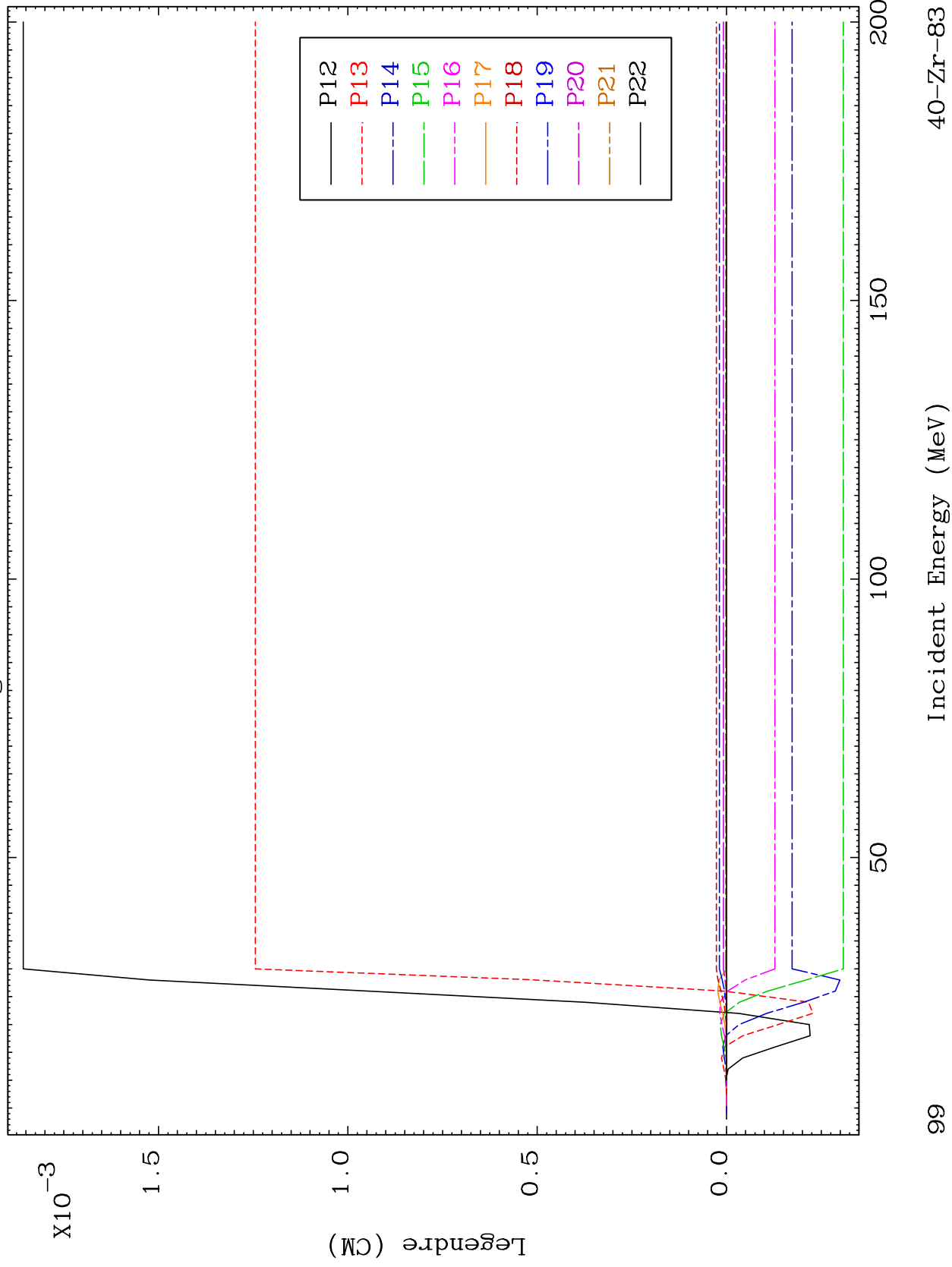
97

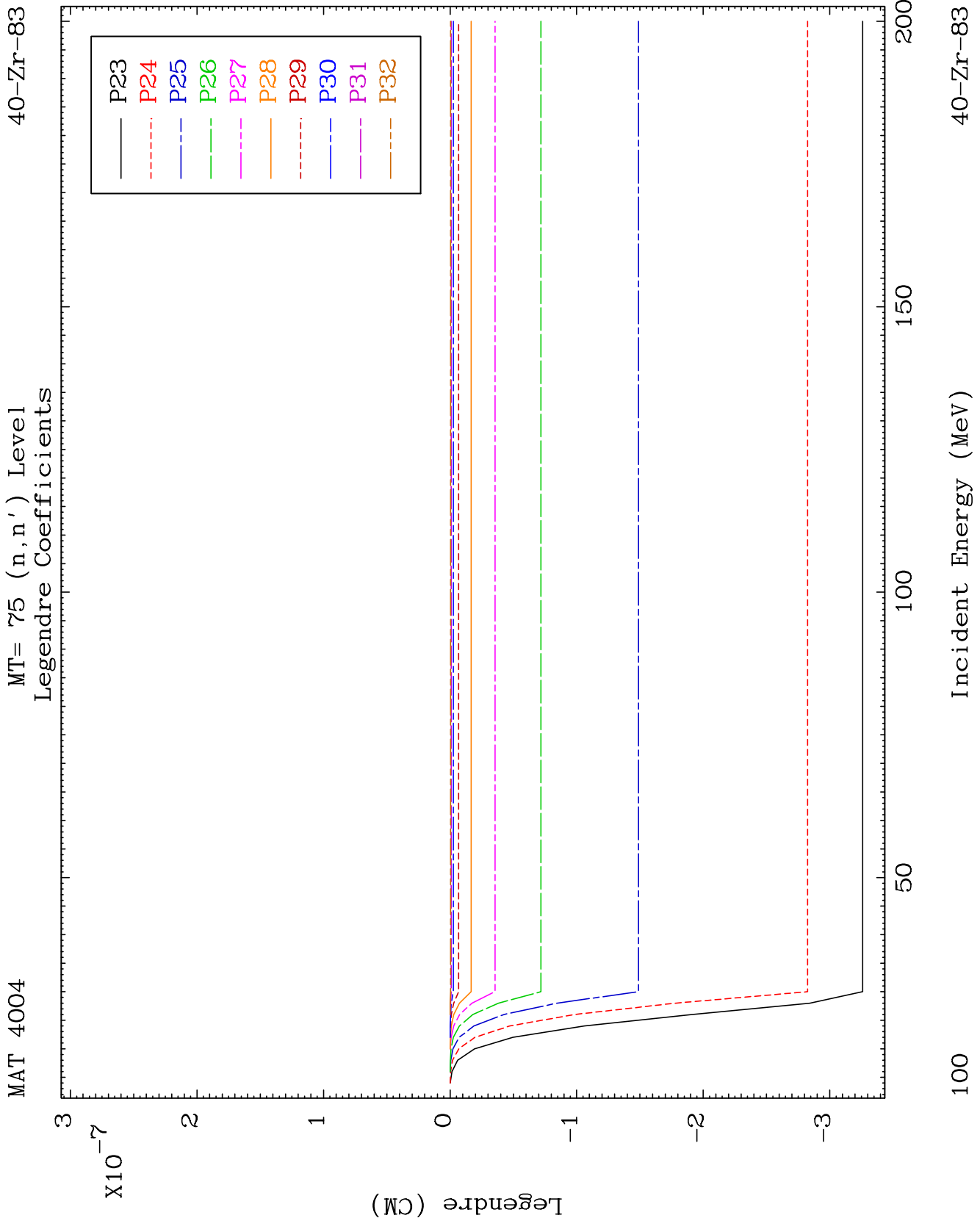


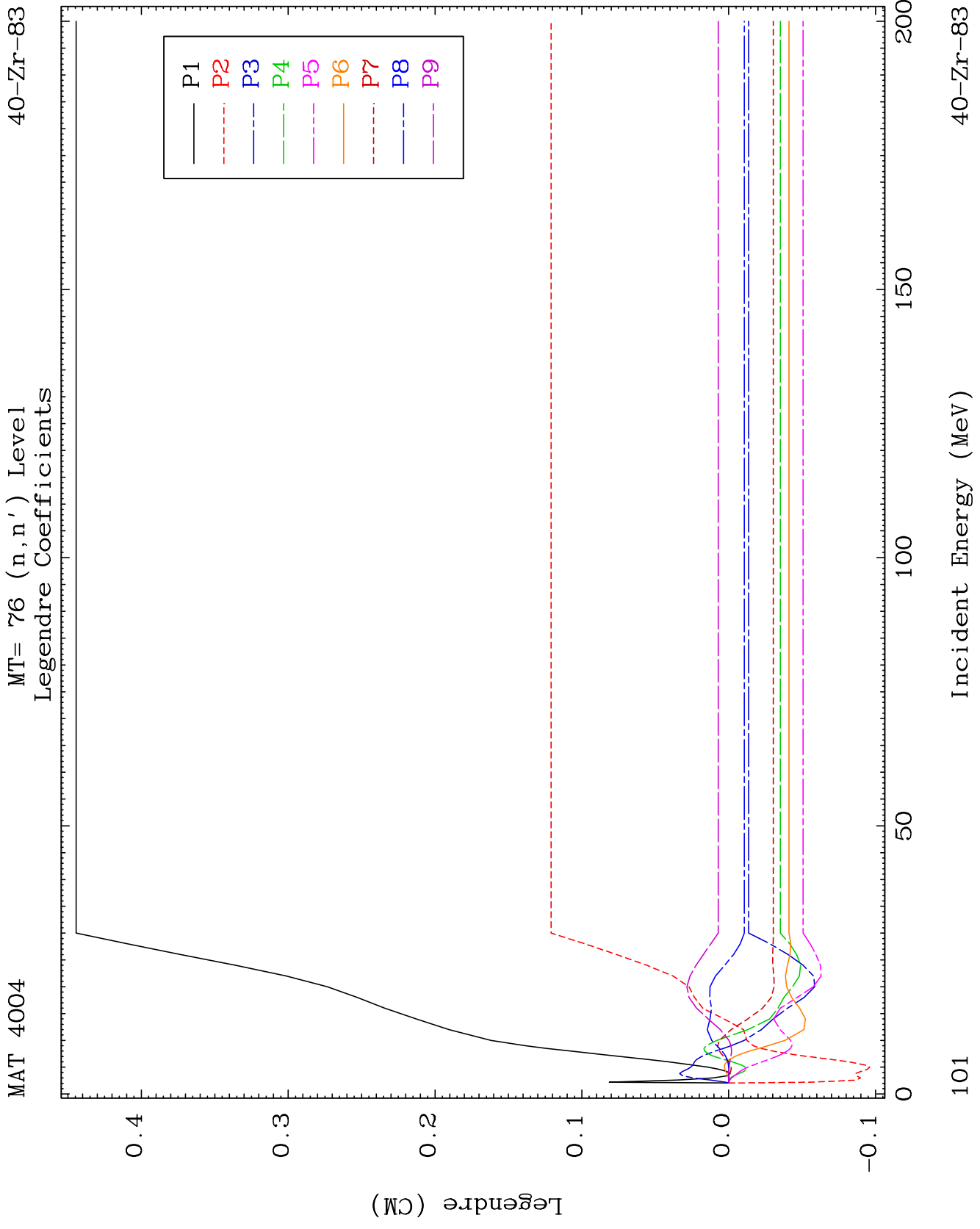
MAT 4004

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

40-Zr-83



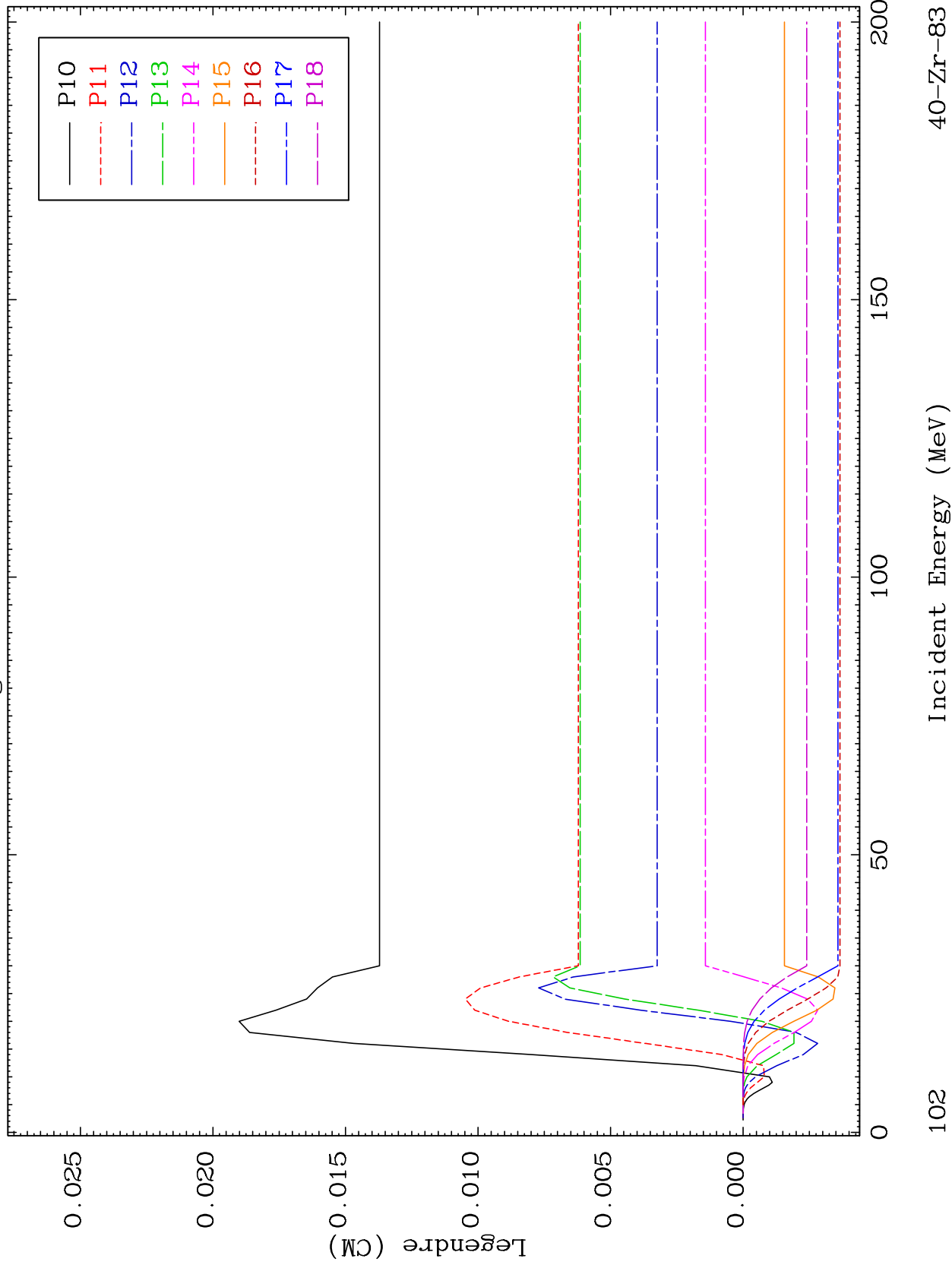


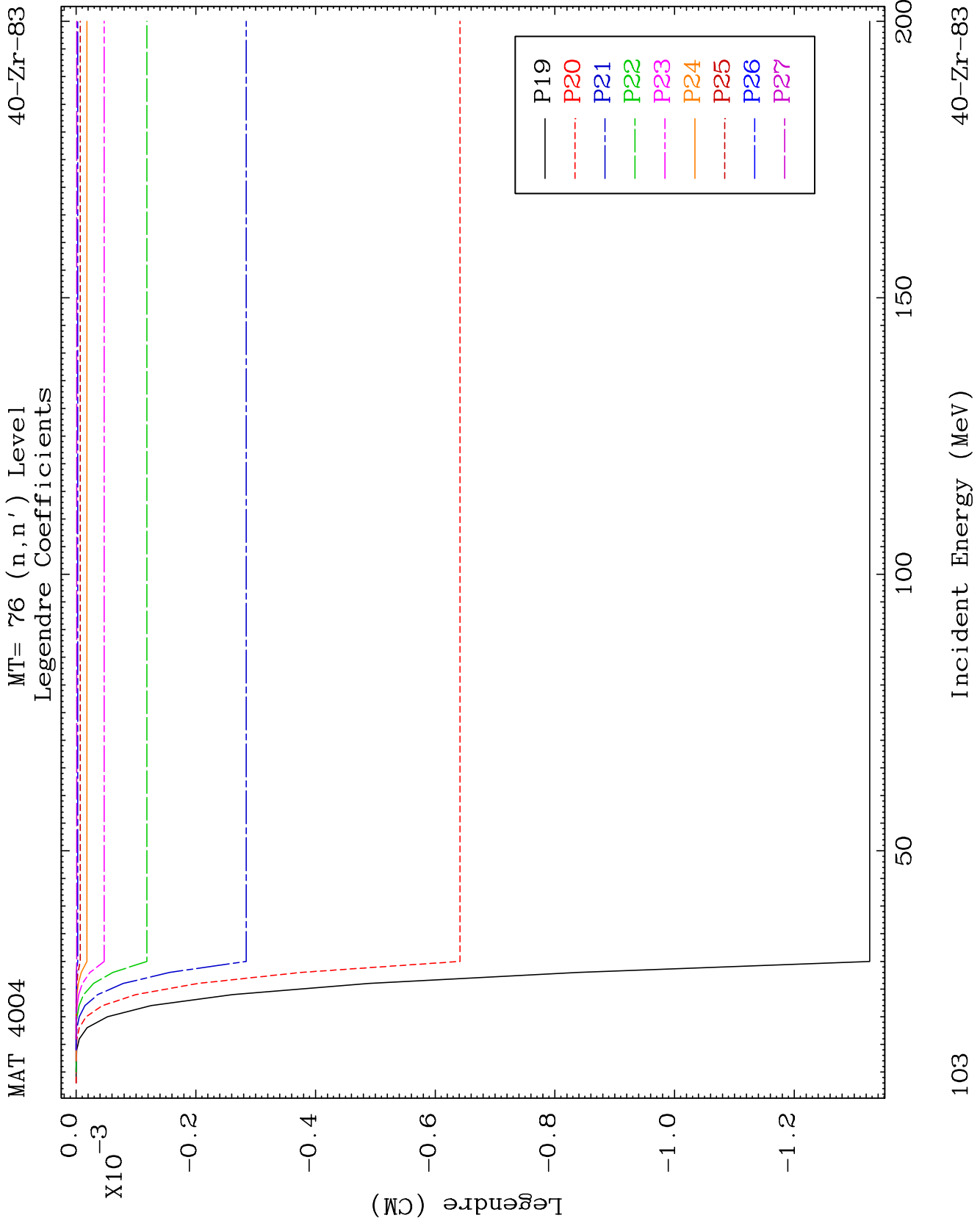


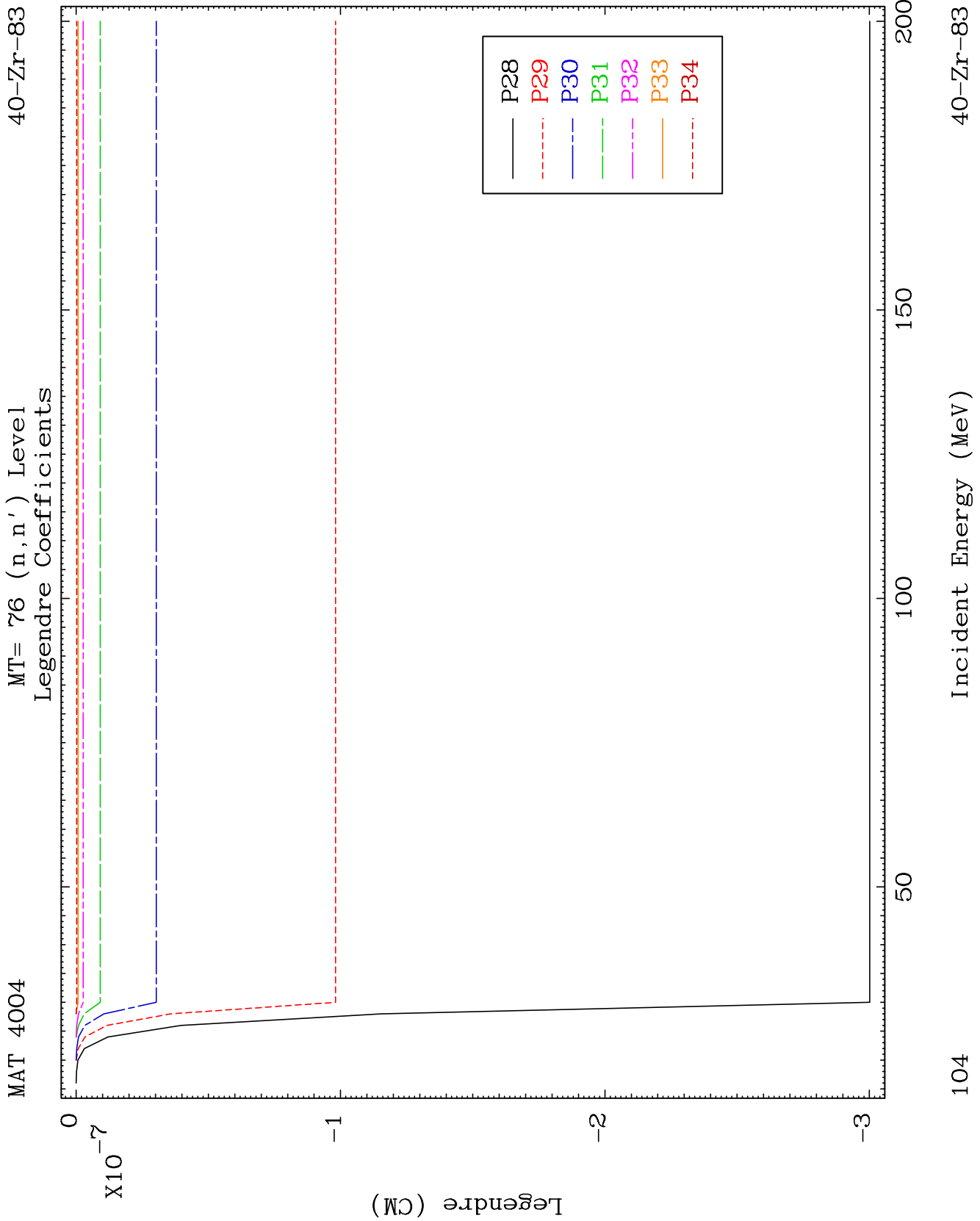
MAT 4004

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

40-Zr-83



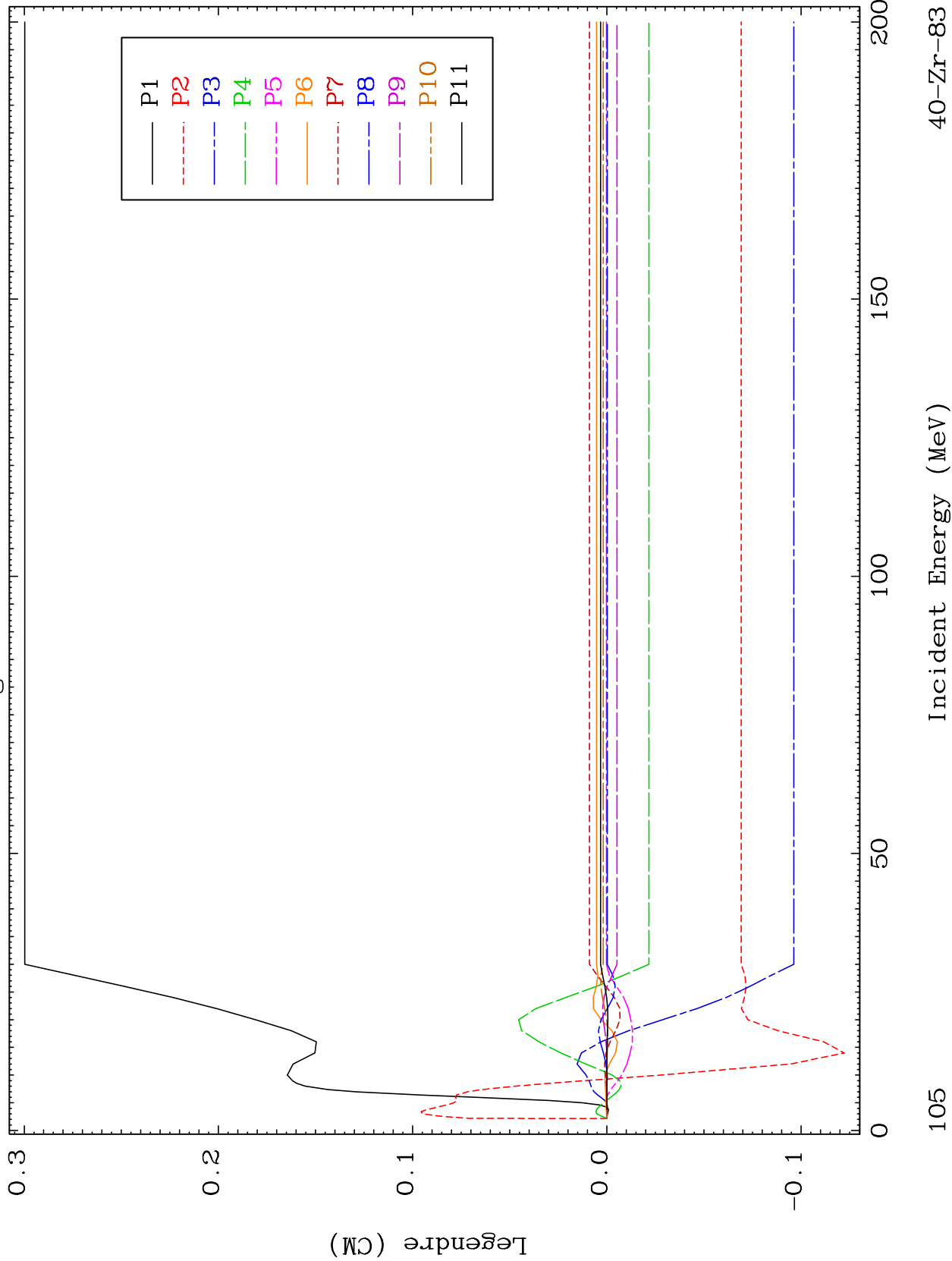




MAT 4004

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

40-Zr-83



40-Zr-83

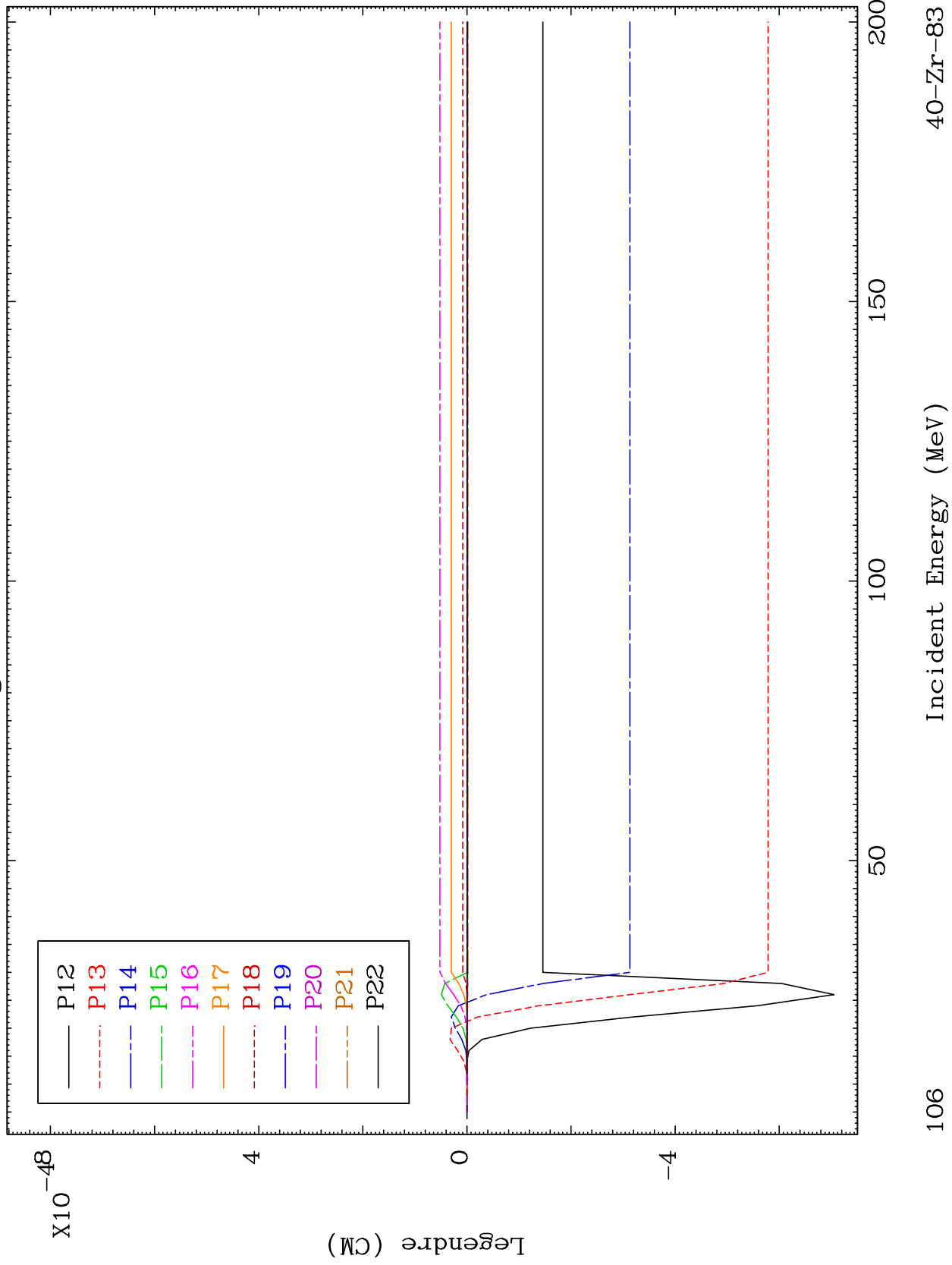
Incident Energy (MeV)

105

MAT 4004

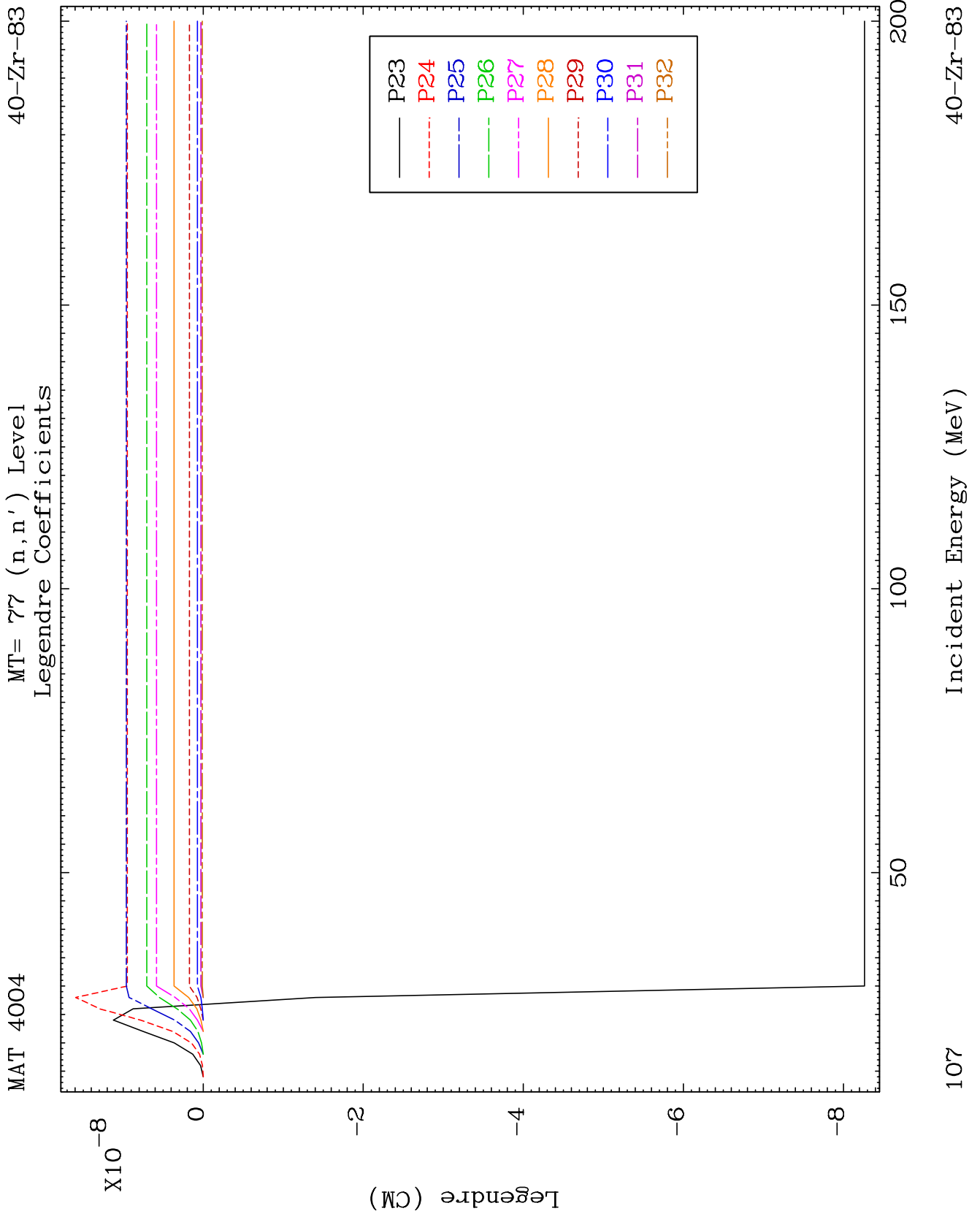
MT= 77 (n,n') Level
Legendre Coefficients

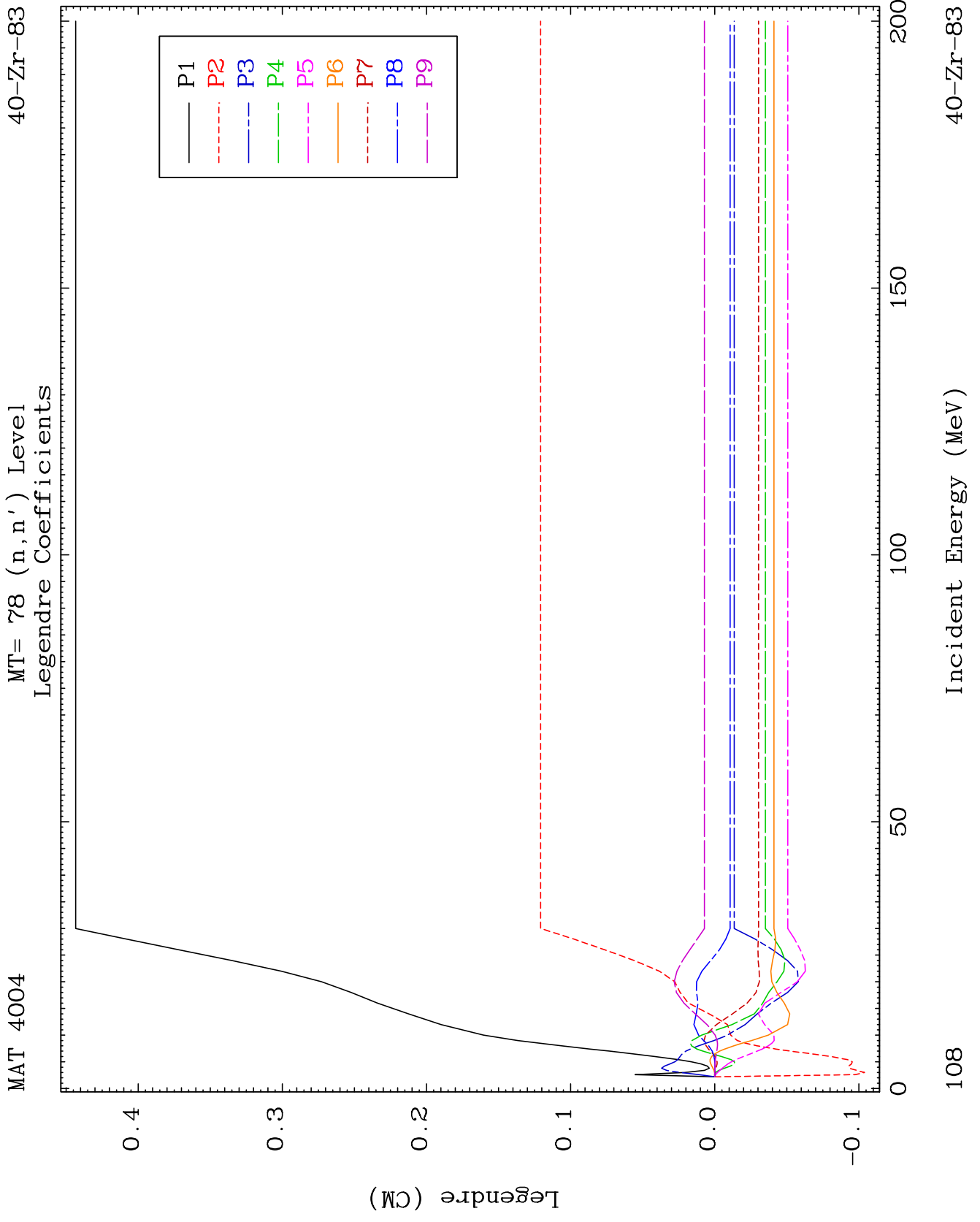
40-Zr-83



106

40-Zr-83

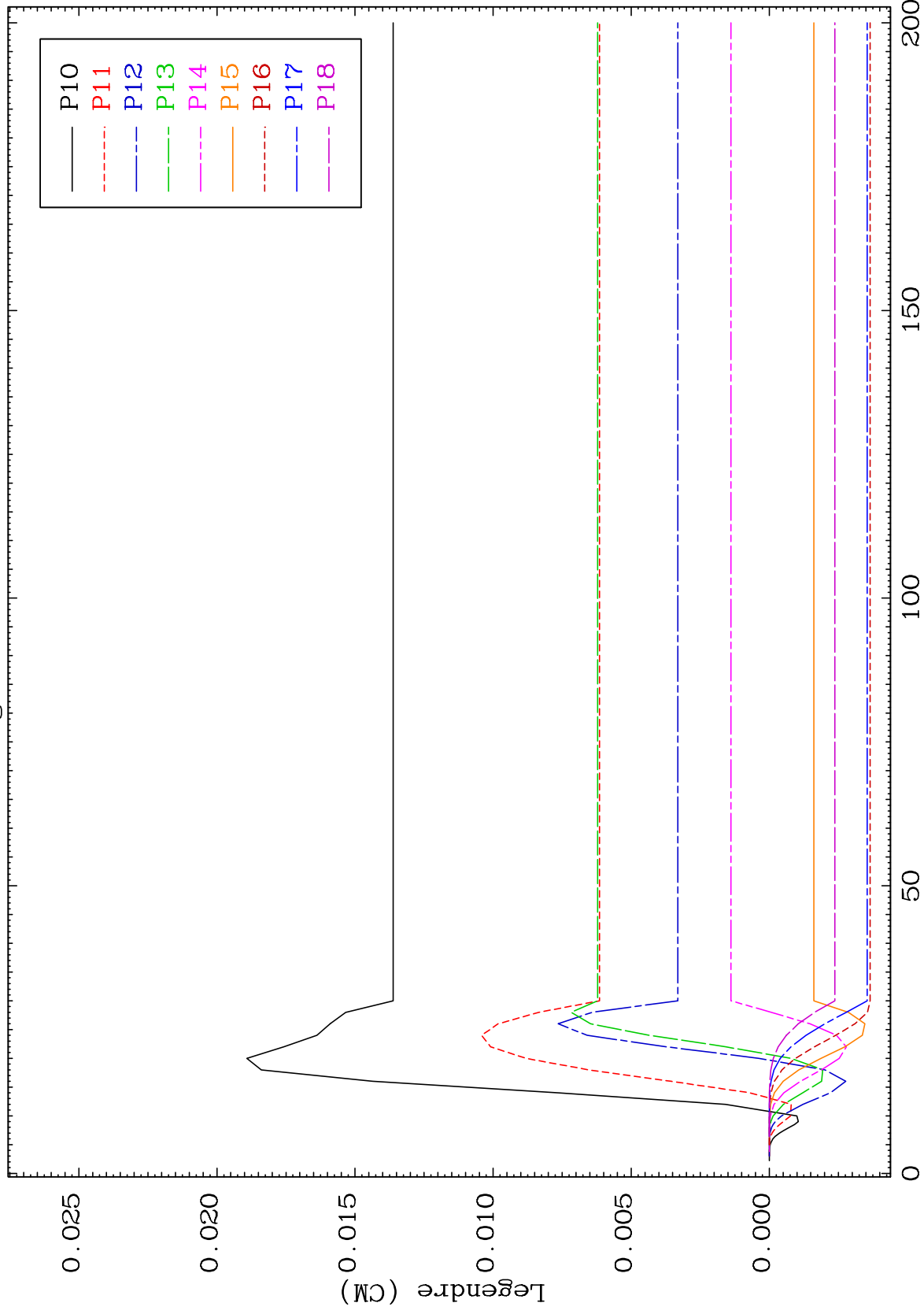




MAT 4004

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

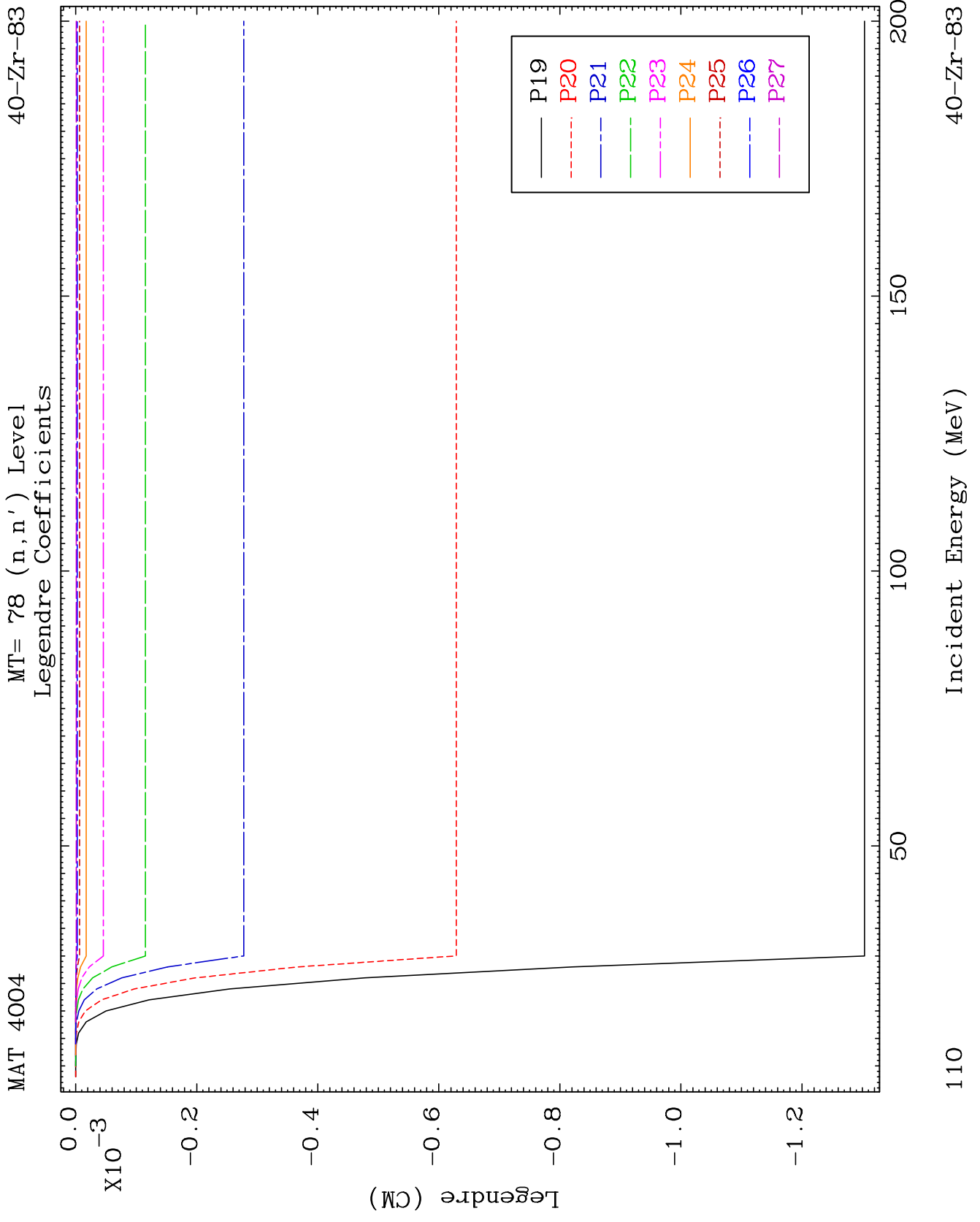
40-Zr-83

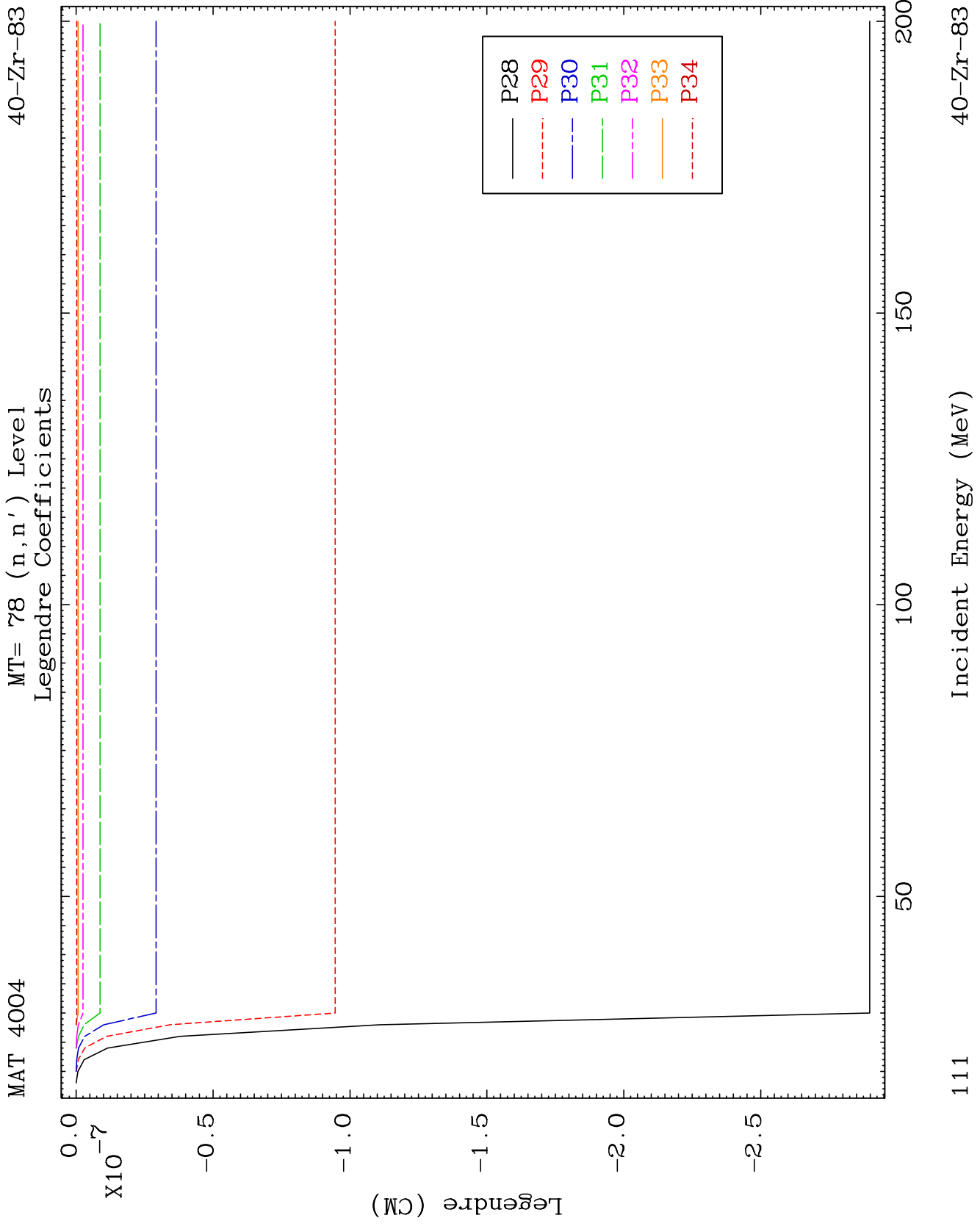


109

Incident Energy (MeV)

40-Zr-83



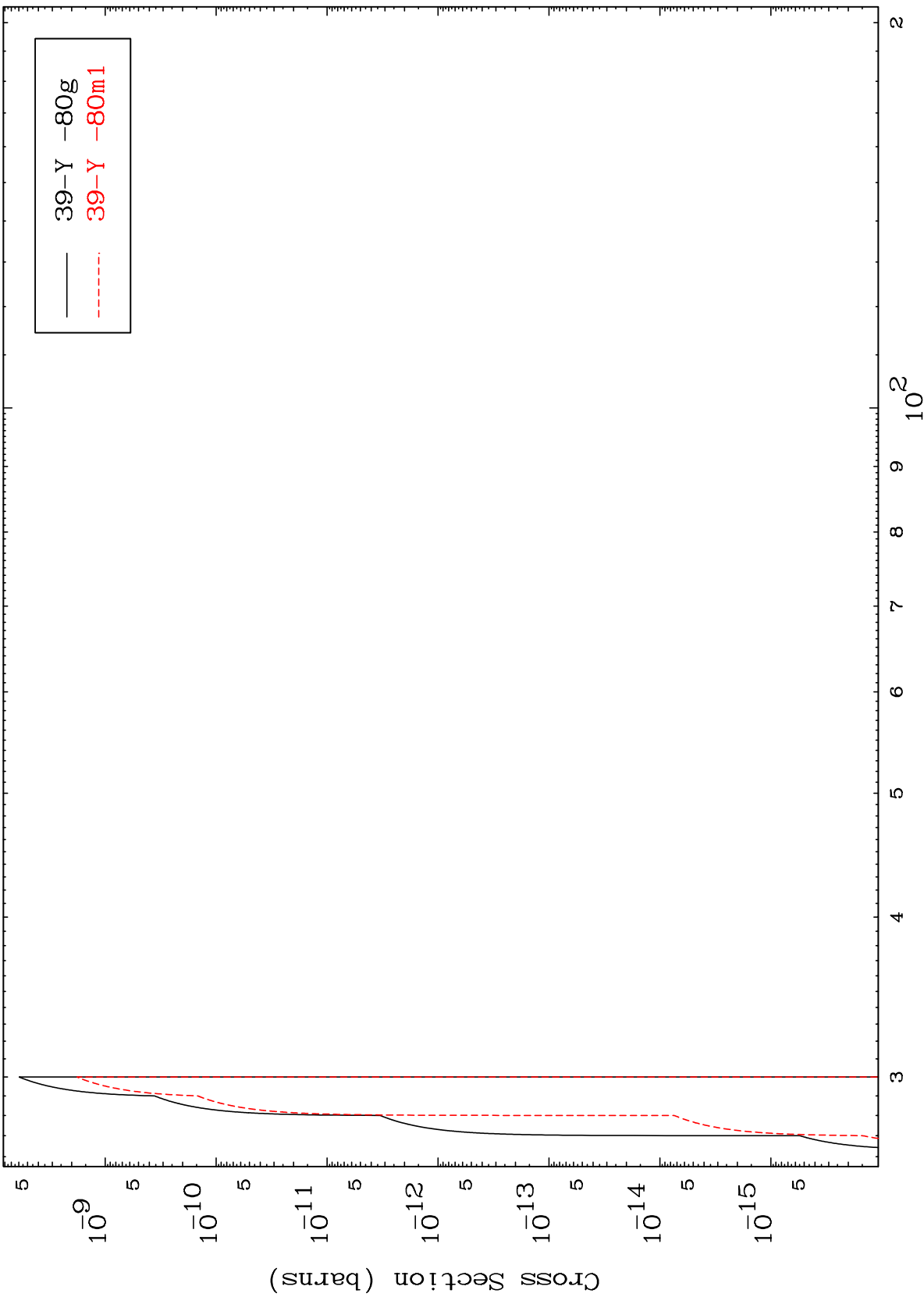


MAT 4004

(n,2n) d

40-Zr-83

Radionuclide Production Cross Section



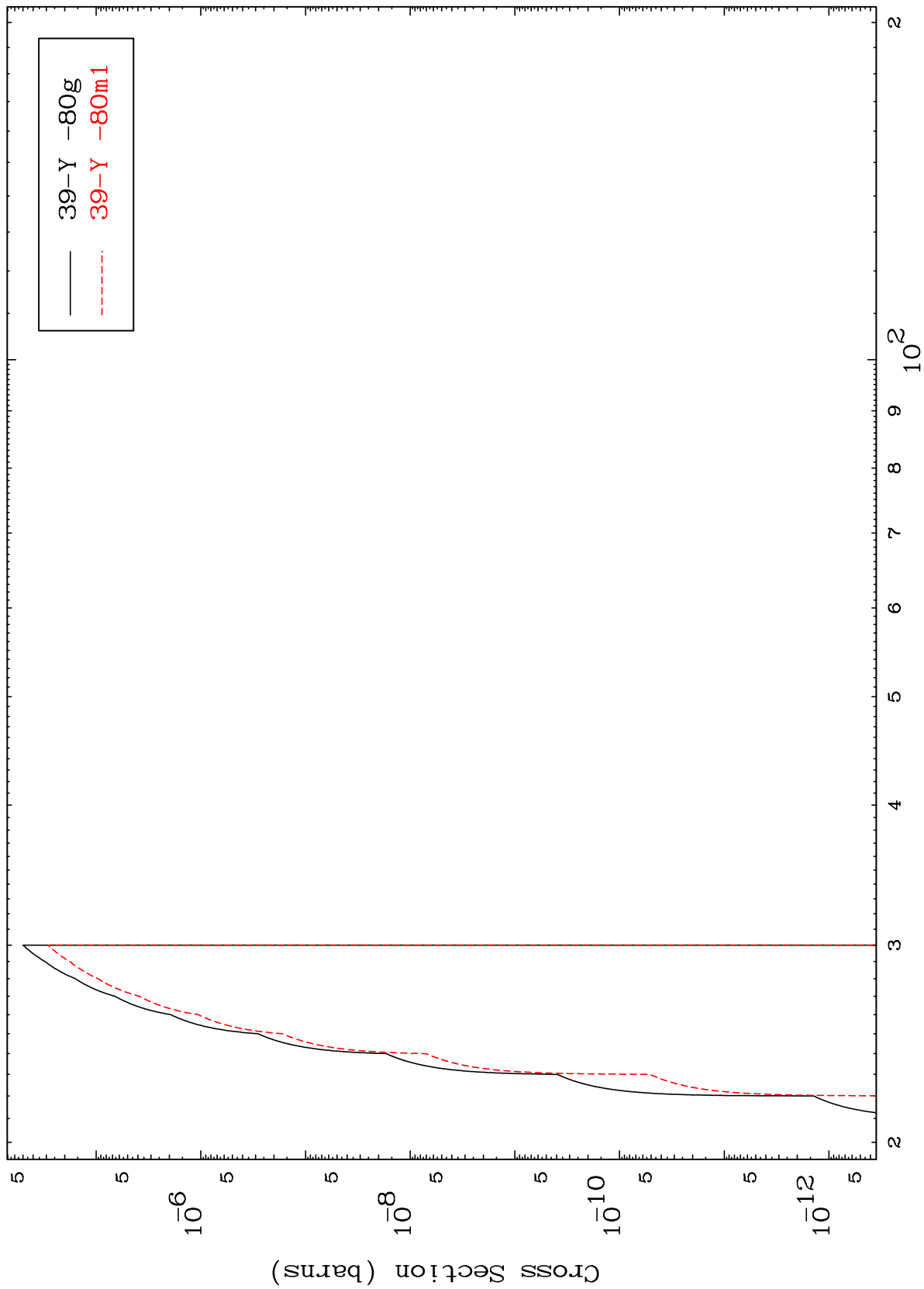
39-Y -80g
39-Y -80m1

MAT 4004

(n,n') t

40-Zr-83

Radionuclide Production Cross Section



113

Incident Energy (MeV)

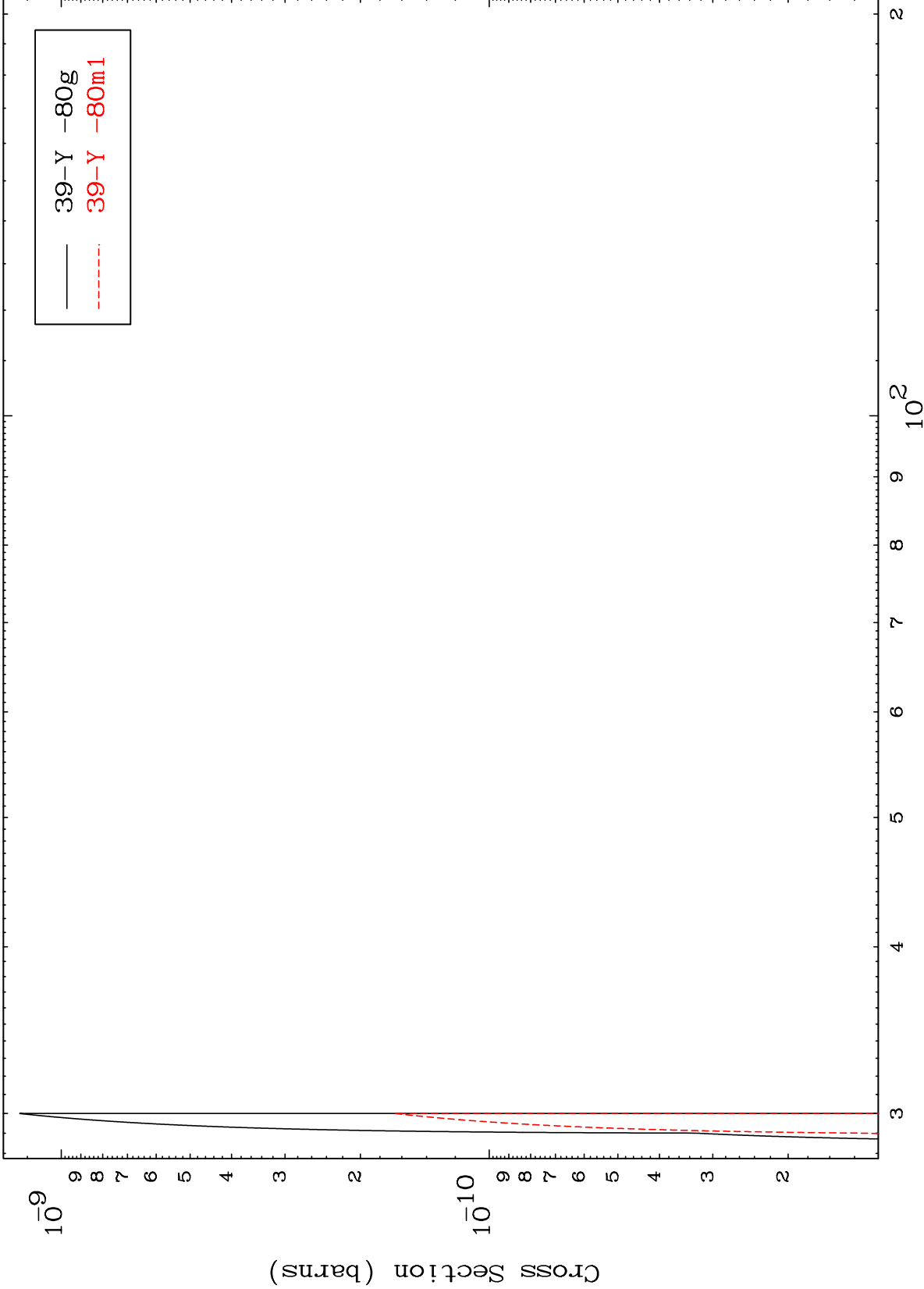
40-Zr-83

MAT 4004

(n,3n) p

40-Zr-83

Radionuclide Production Cross Section



114

Incident Energy (MeV)

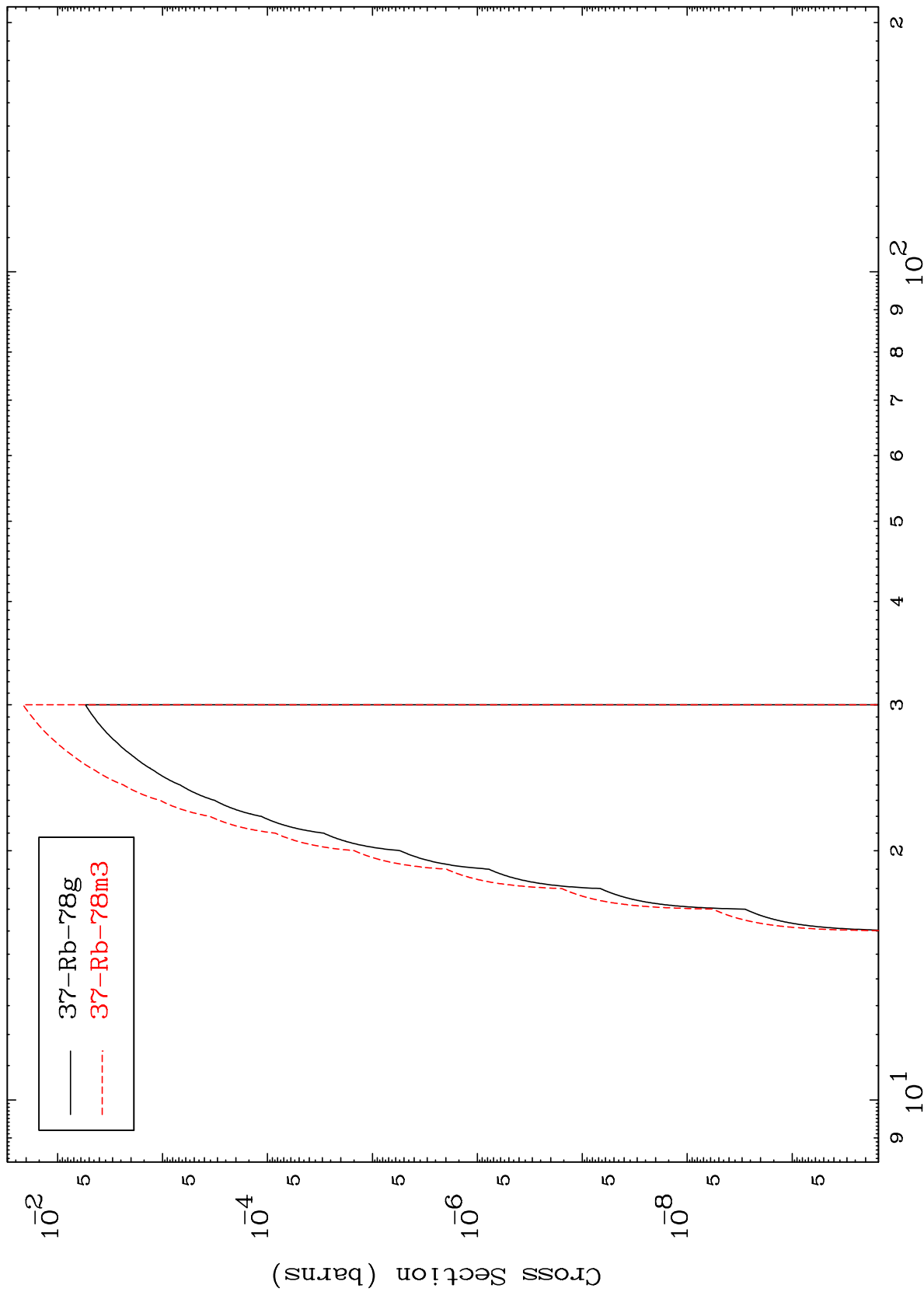
40-Zr-83

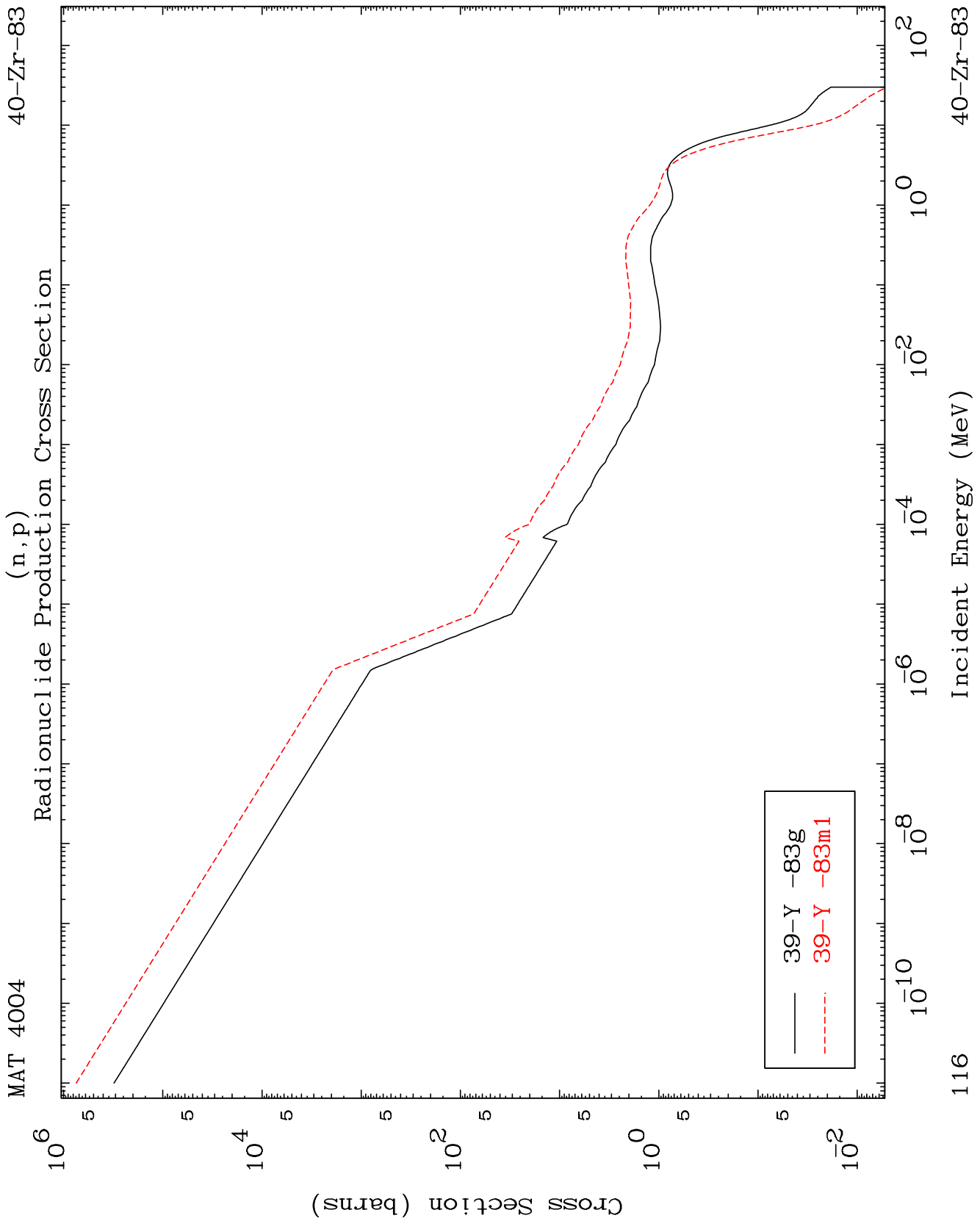
MAT 4004

(n,n') p α

40-Zr-83

Radionuclide Production Cross Section



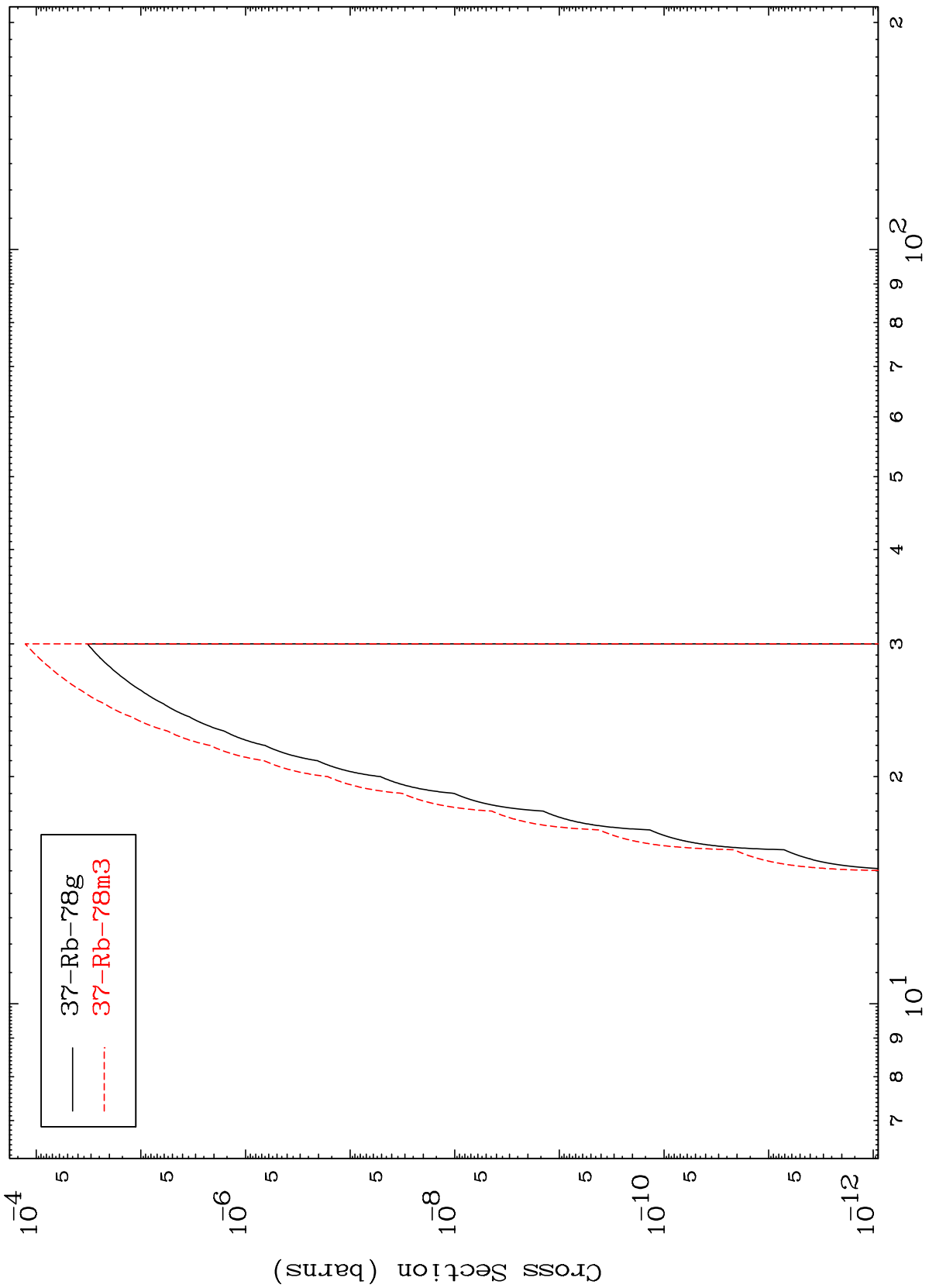


MAT 4004

(n,d) α

40-Zr-83

Radionuclide Production Cross Section



37-Rb-78g
37-Rb-78m3