

Program EVALPLOT
(Version 2015-2)

by

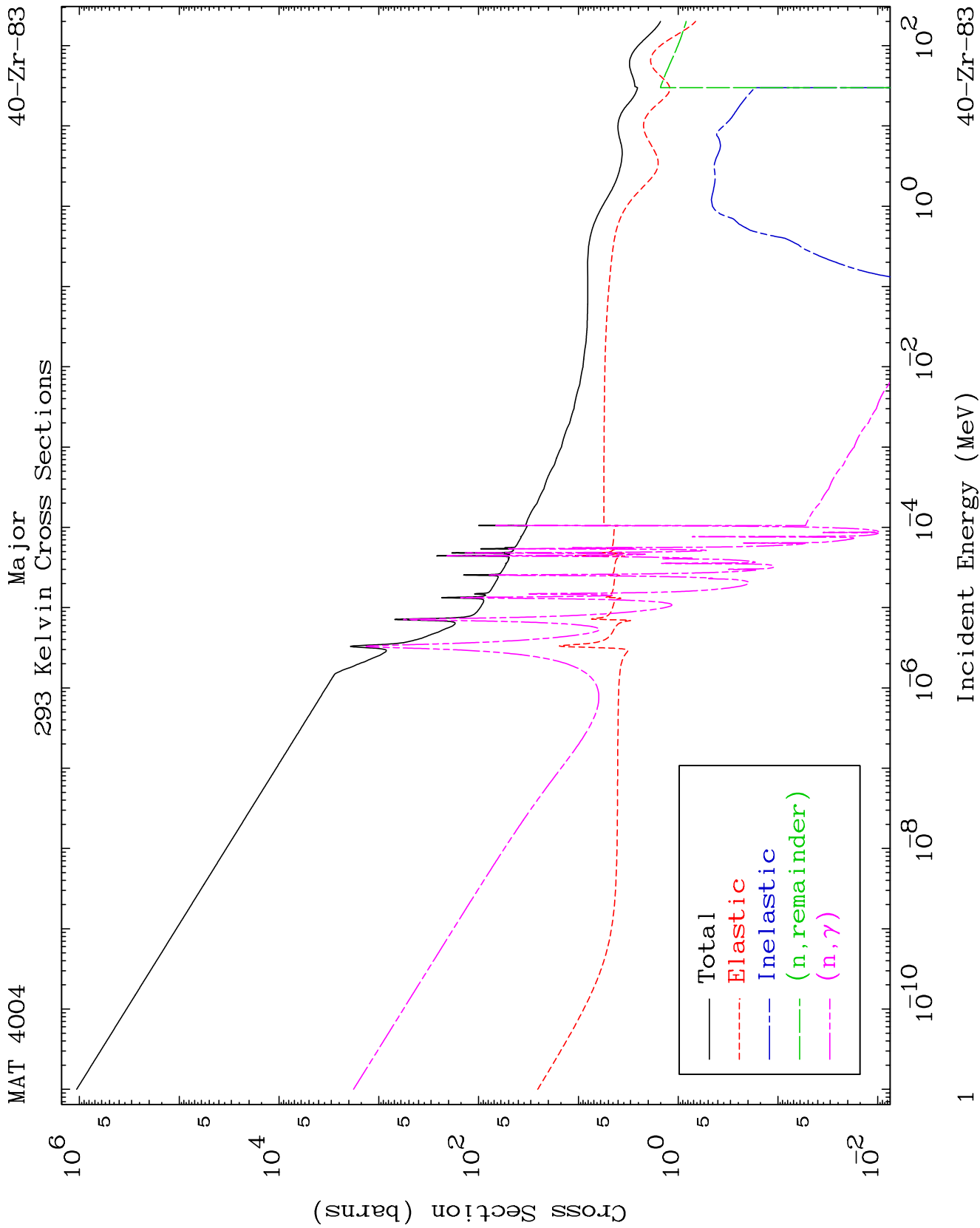
Dermott E. Cullen
(Present Contact Information)

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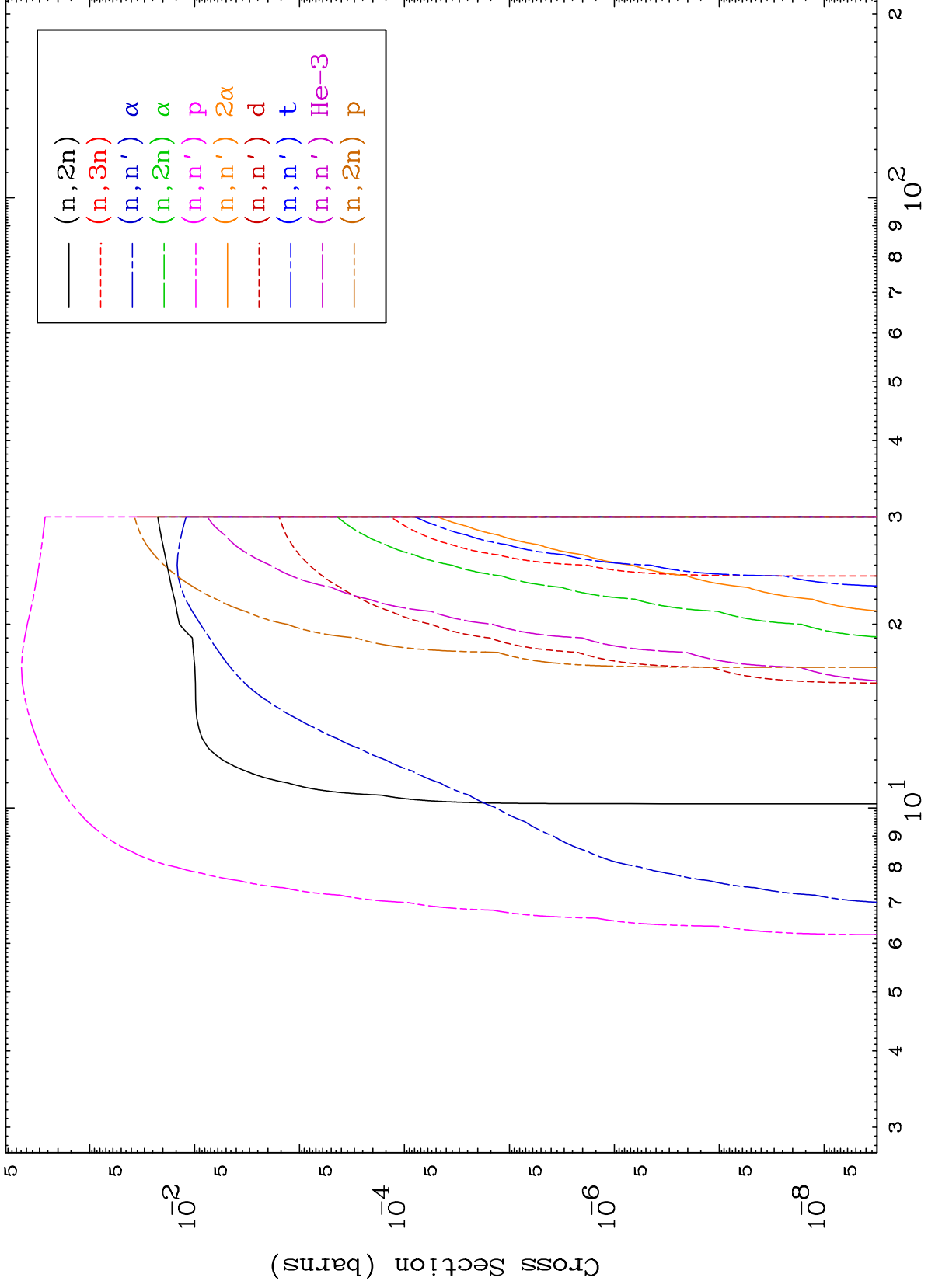
Press Mouse Button to Start



MAT 4004

Neutron Production
293 Kelvin Cross Sections

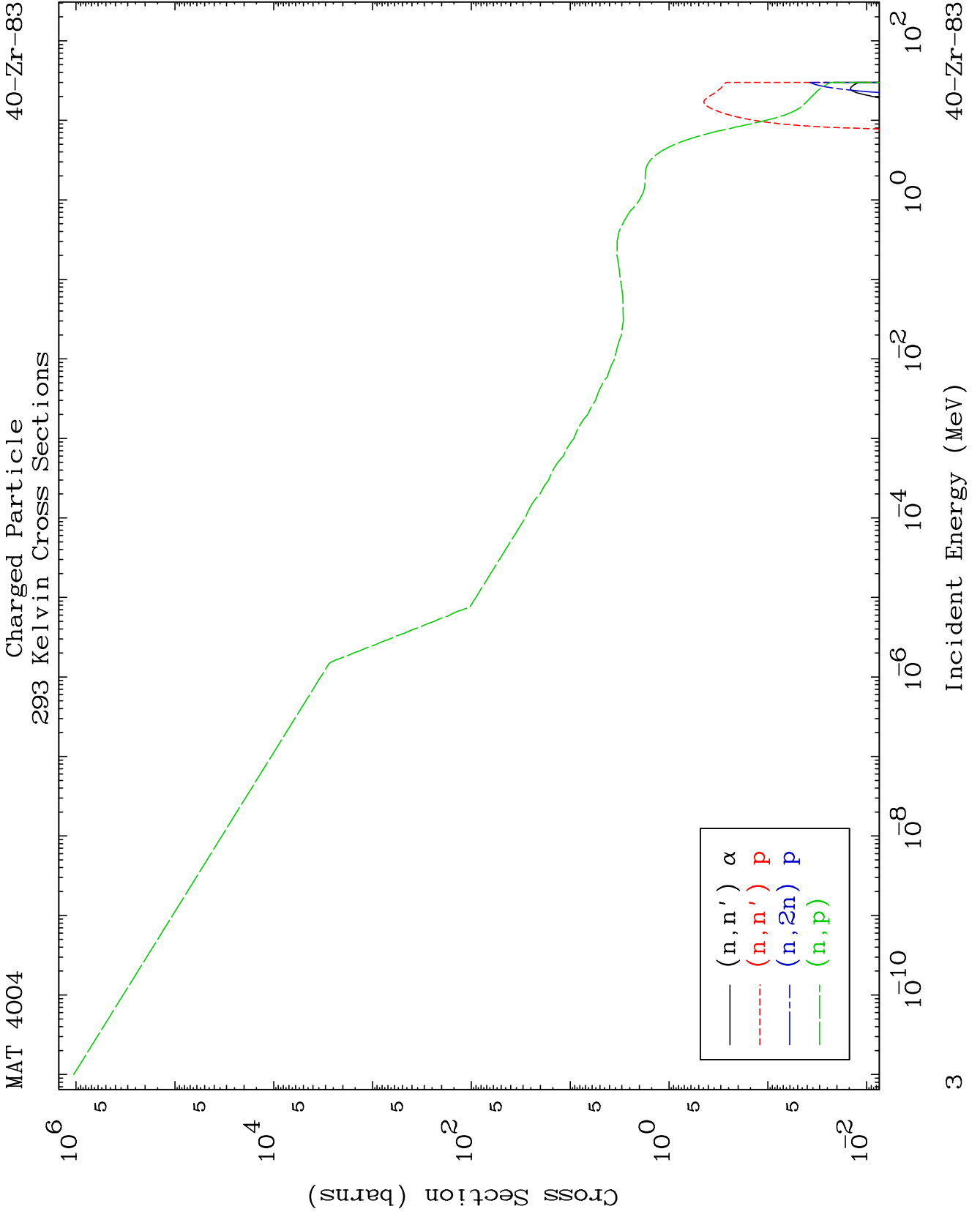
40-Zr-83



2

Incident Energy (MeV)

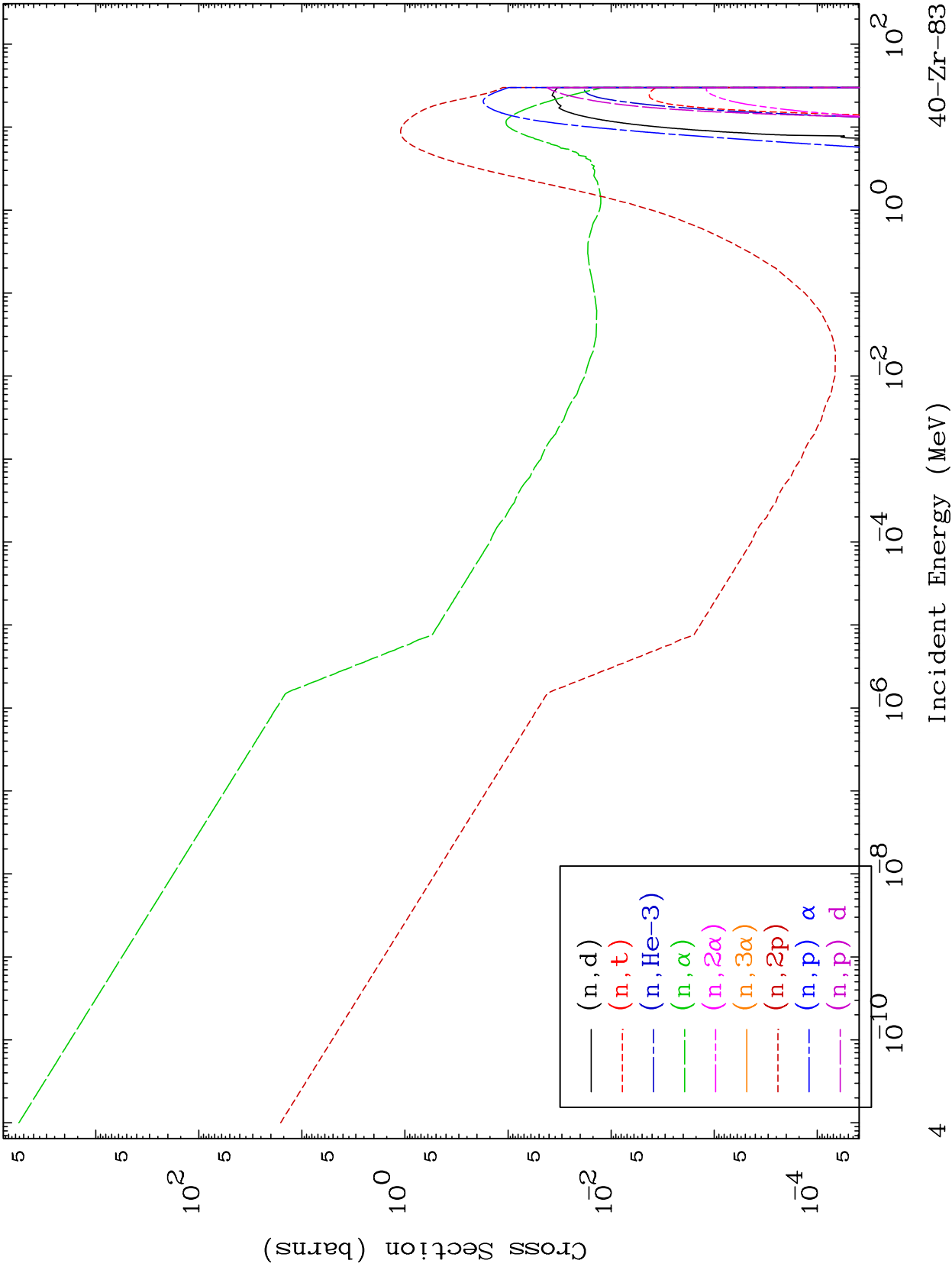
40-Zr-83

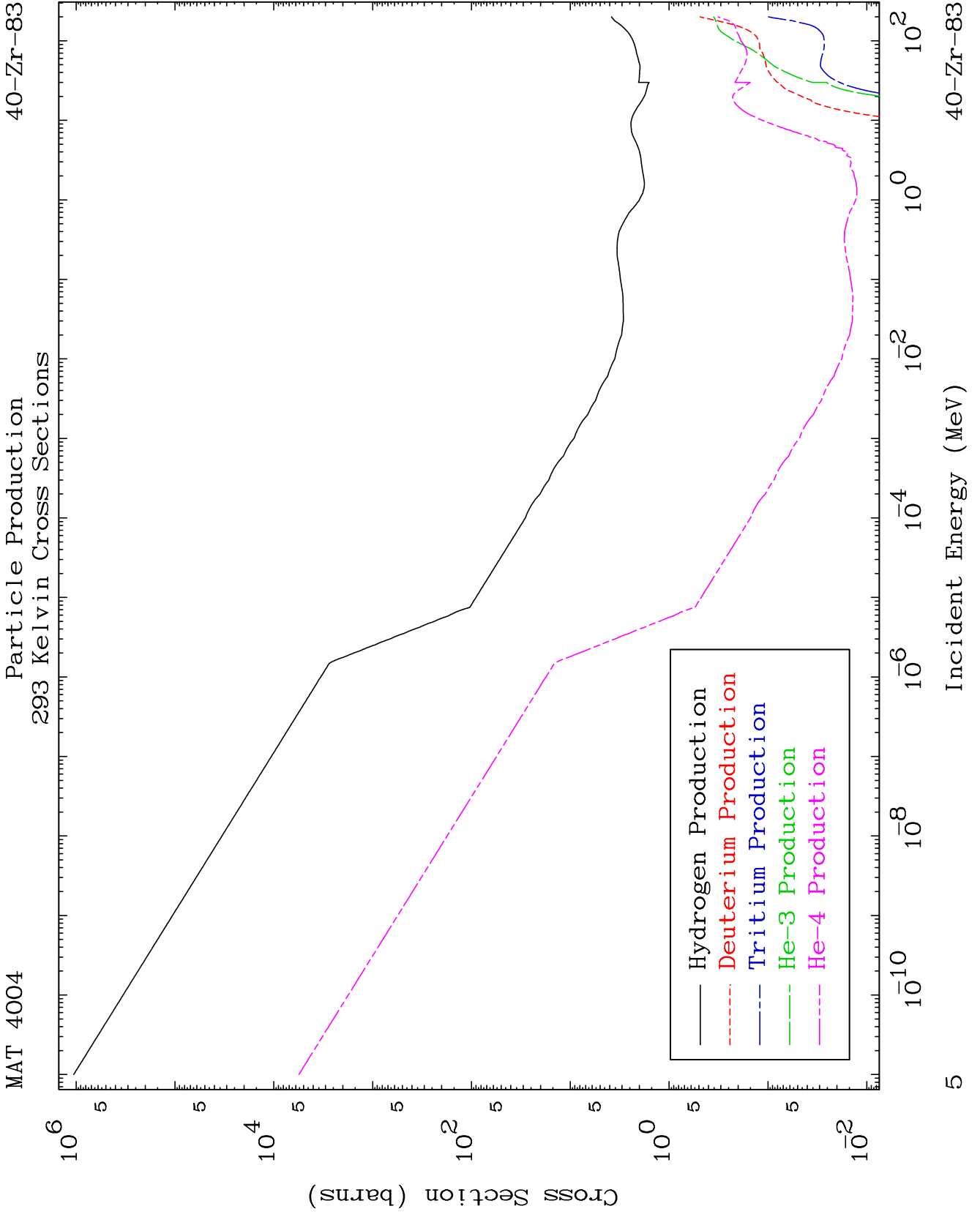


MAT 4004

Charged Particle
293 Kelvin Cross Sections

40-Zr-83

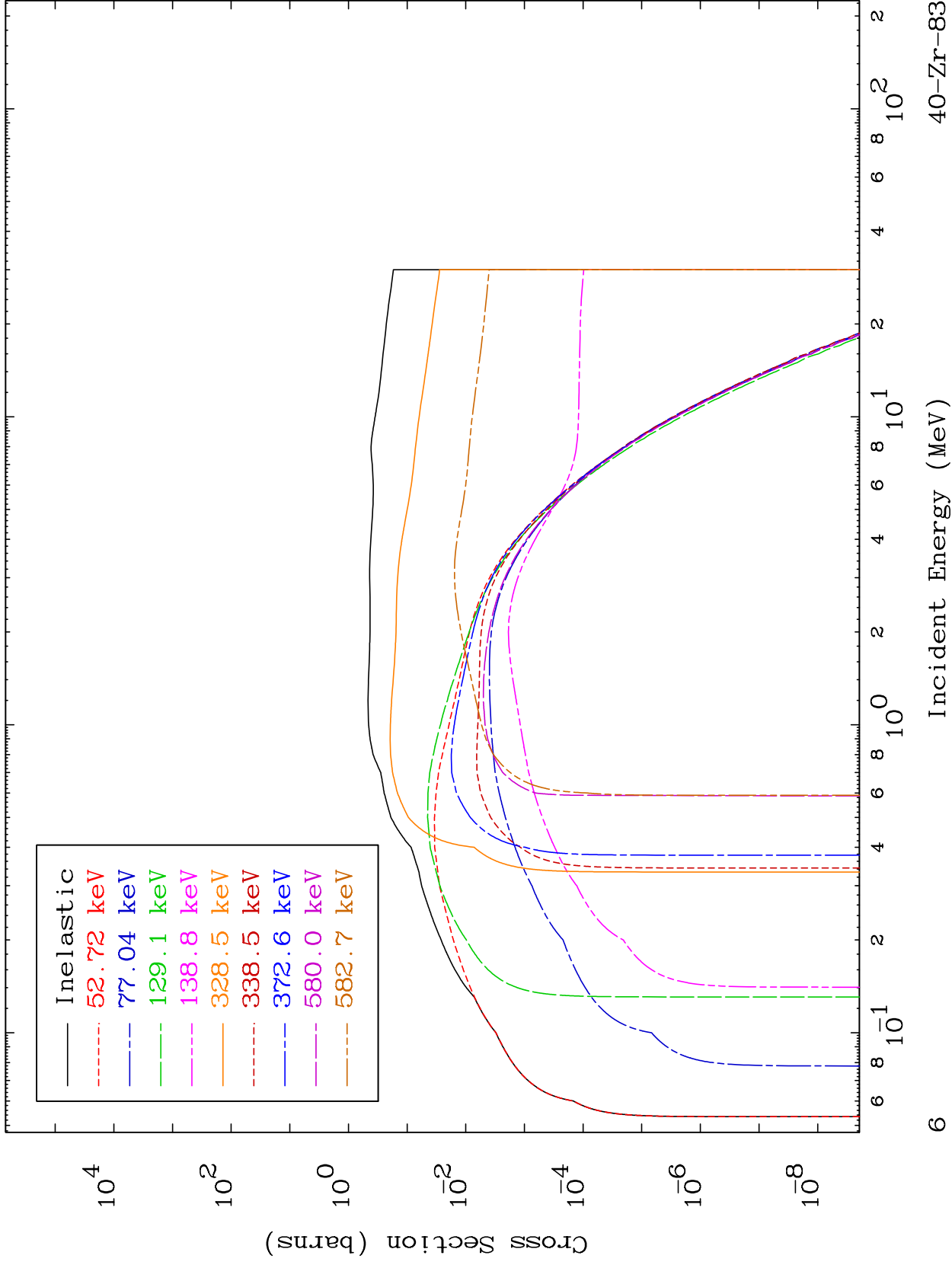




MAT 4004

(n,n') Level
293 Kelvin Cross Sections

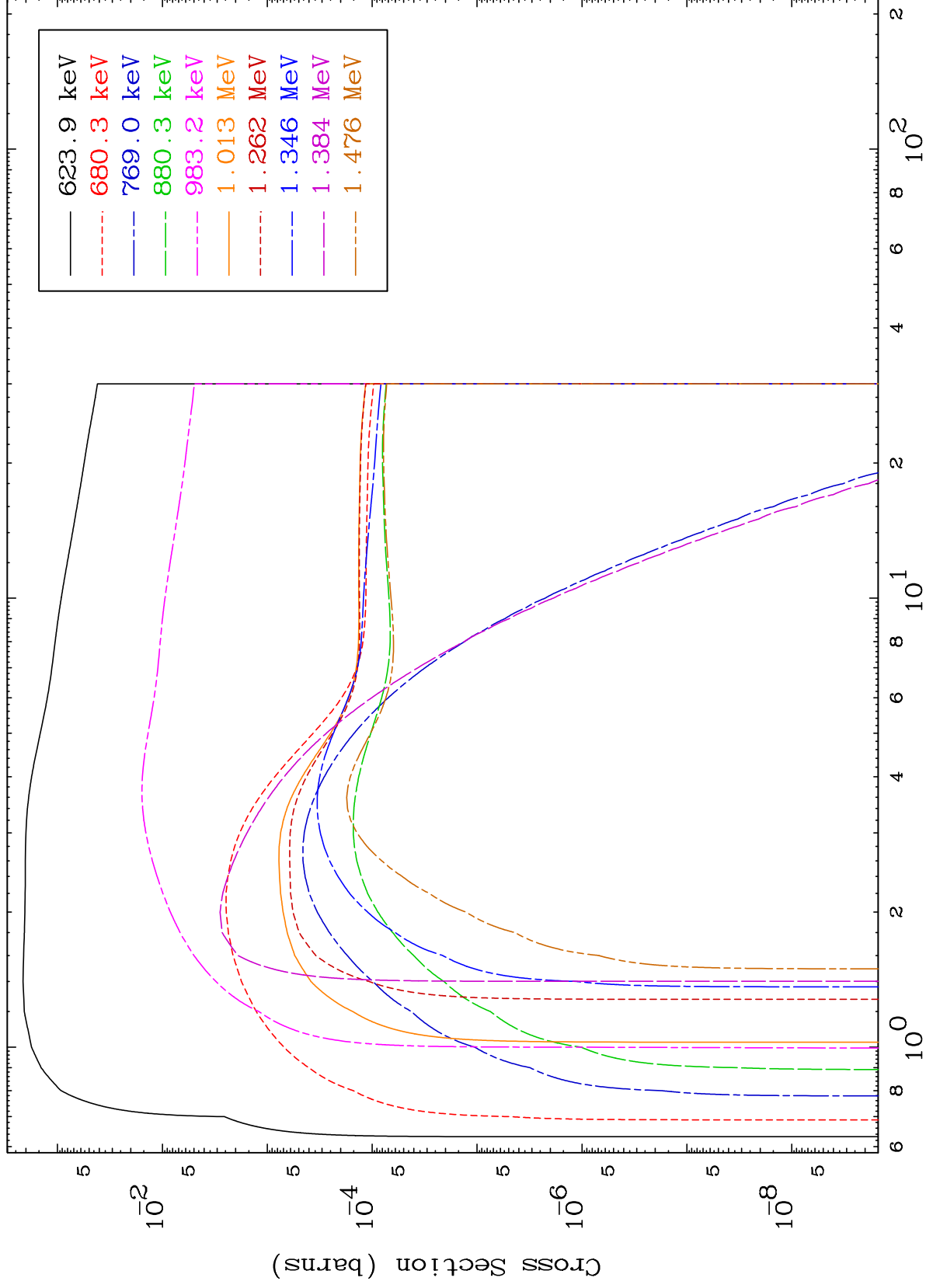
40-Zr-83



MAT 4004

(n,n') Level
293 Kelvin Cross Sections

40-Zr-83



7

Incident Energy (MeV)

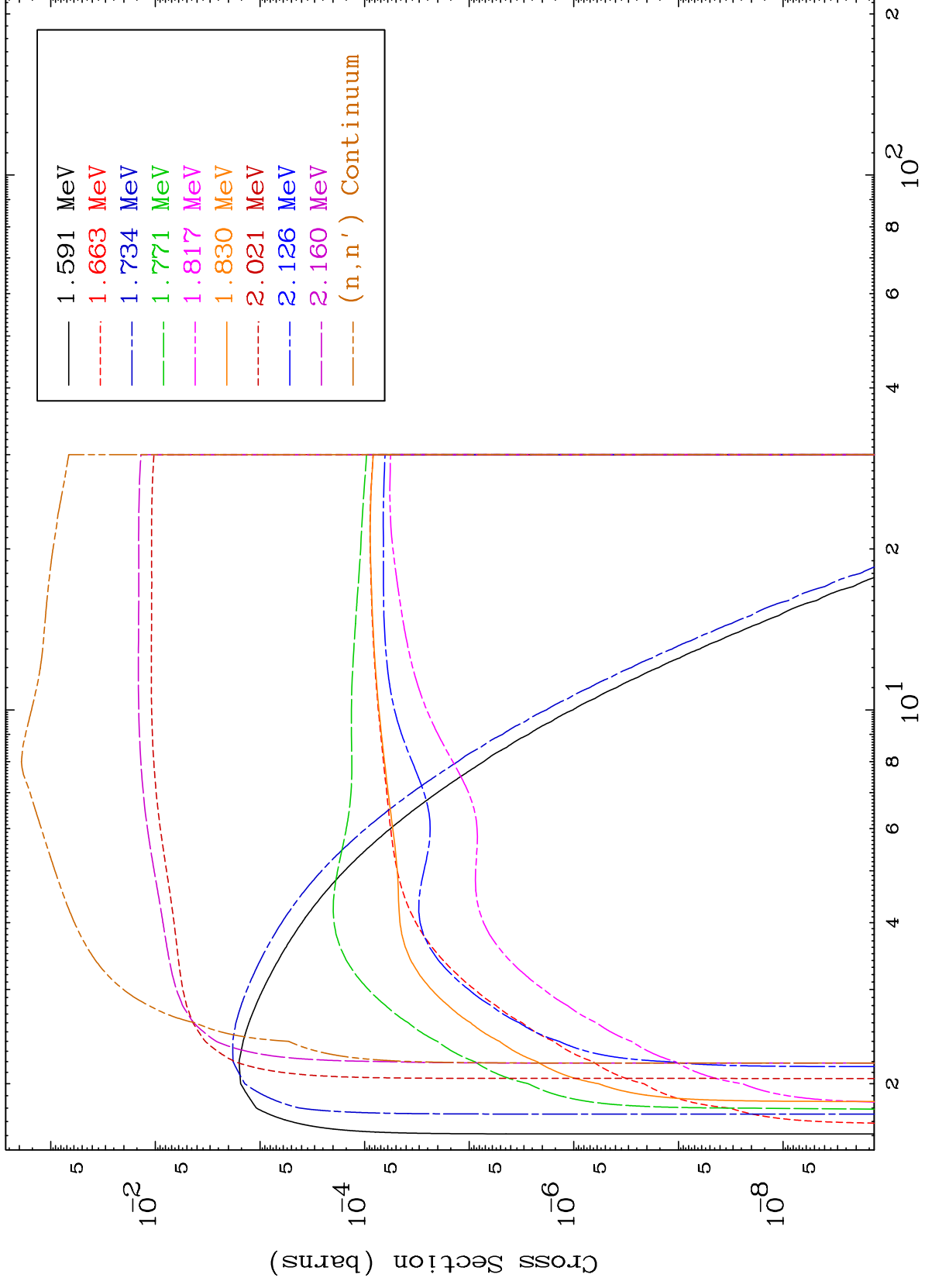
40-Zr-83

MAT 4004

(n,n') Level

40-Zr-83

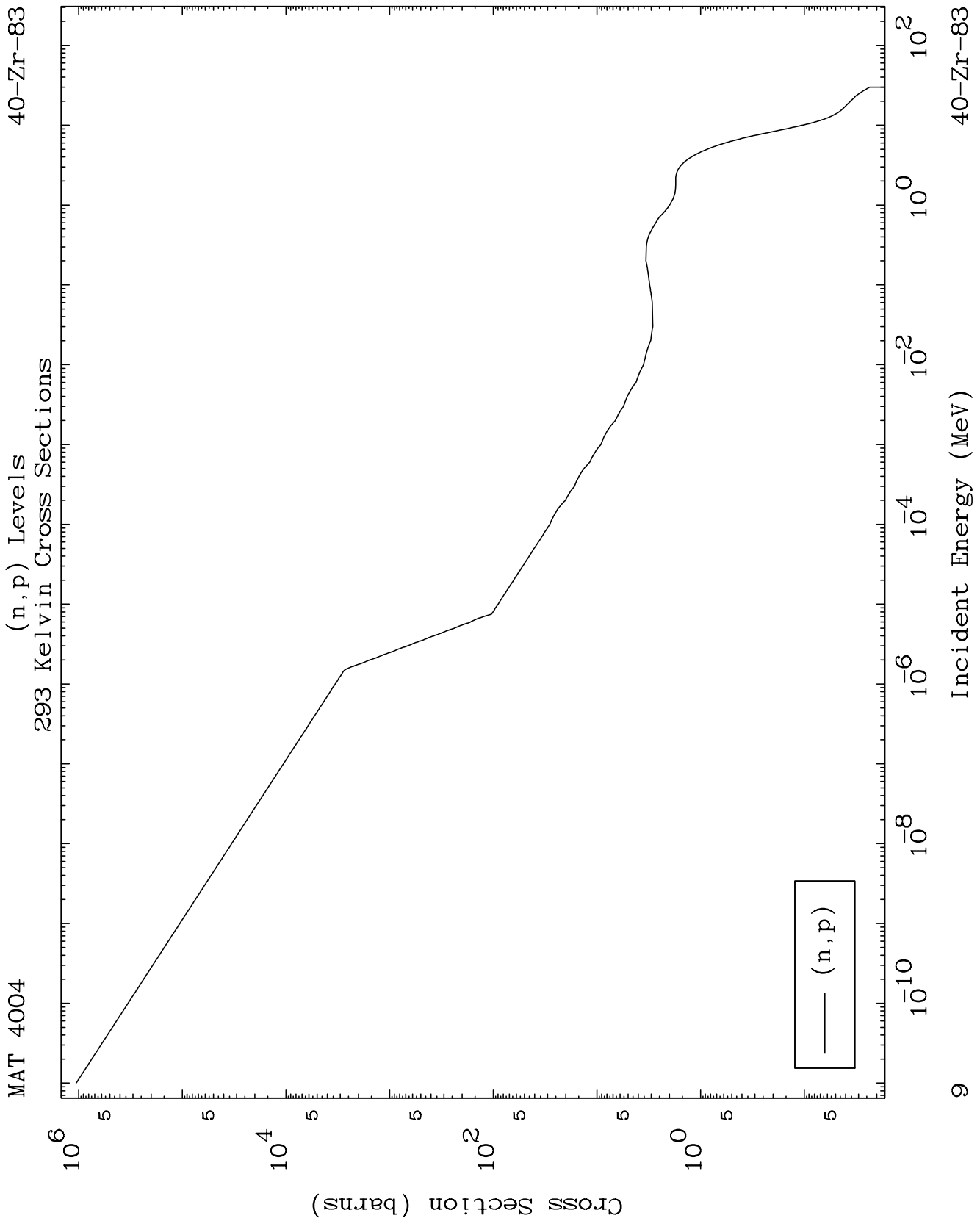
293 Kelvin Cross Sections

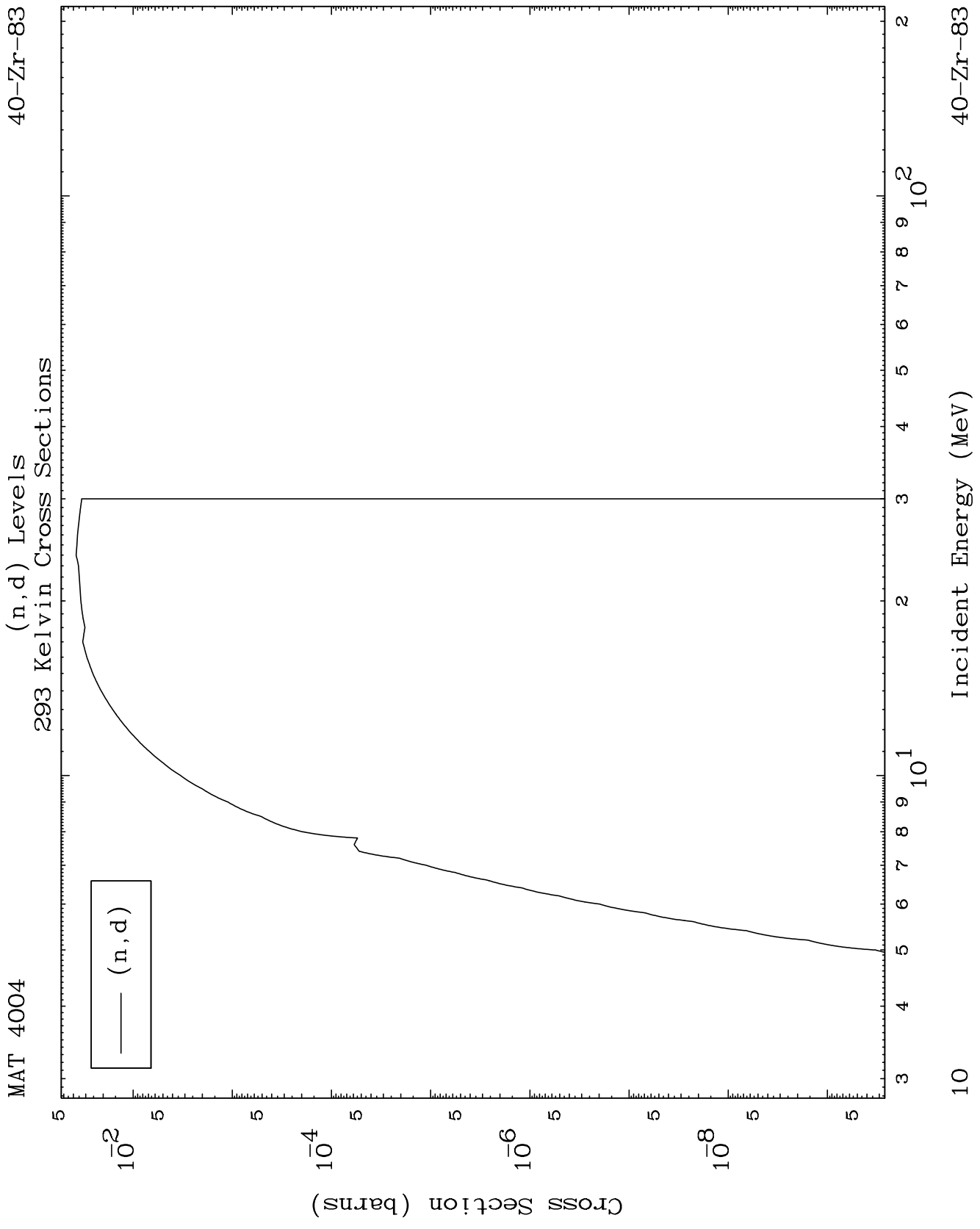


8

Incident Energy (MeV)

40-Zr-83

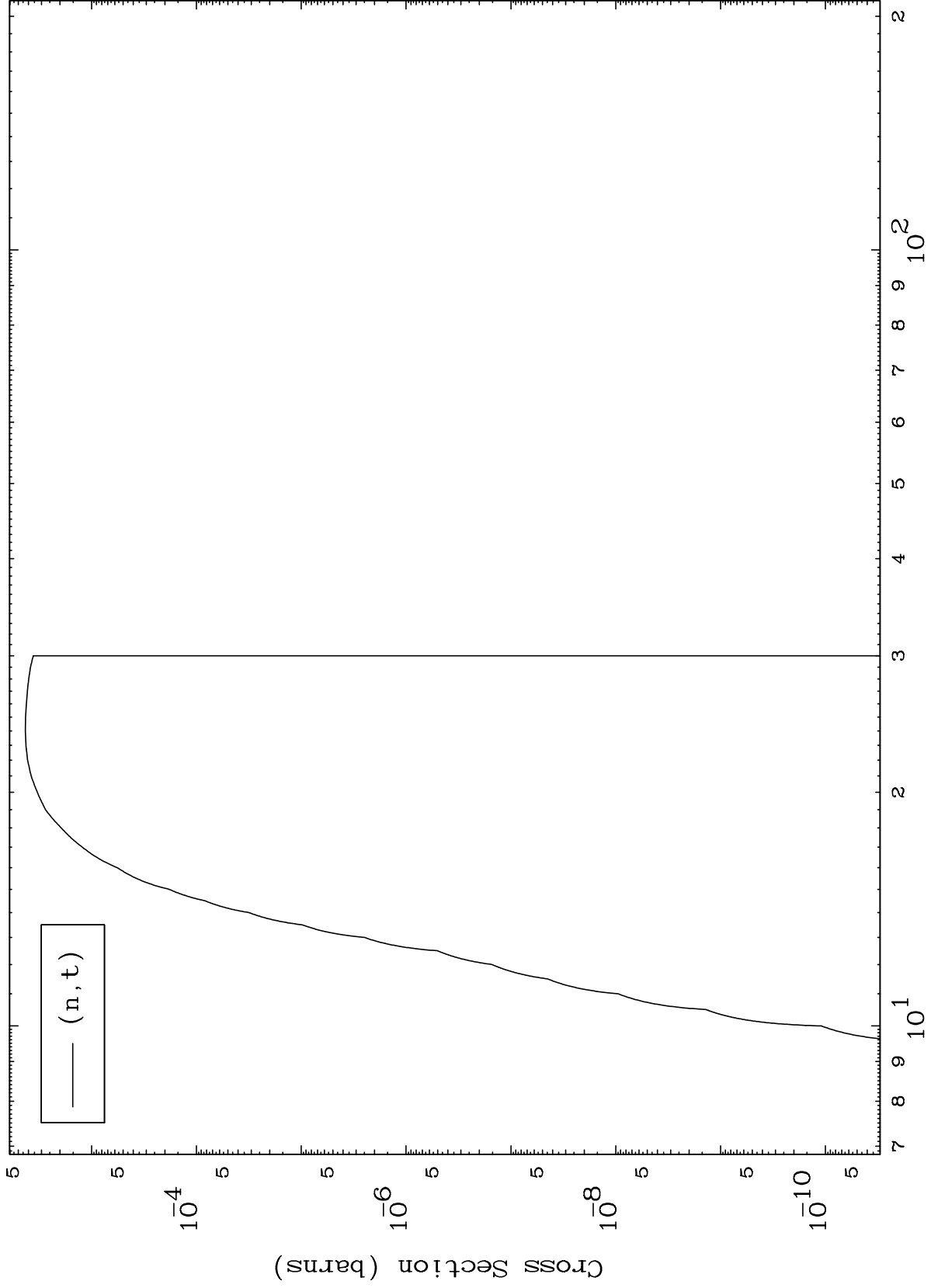




MAT 4004

(n,t) Levels
293 Kelvin Cross Sections

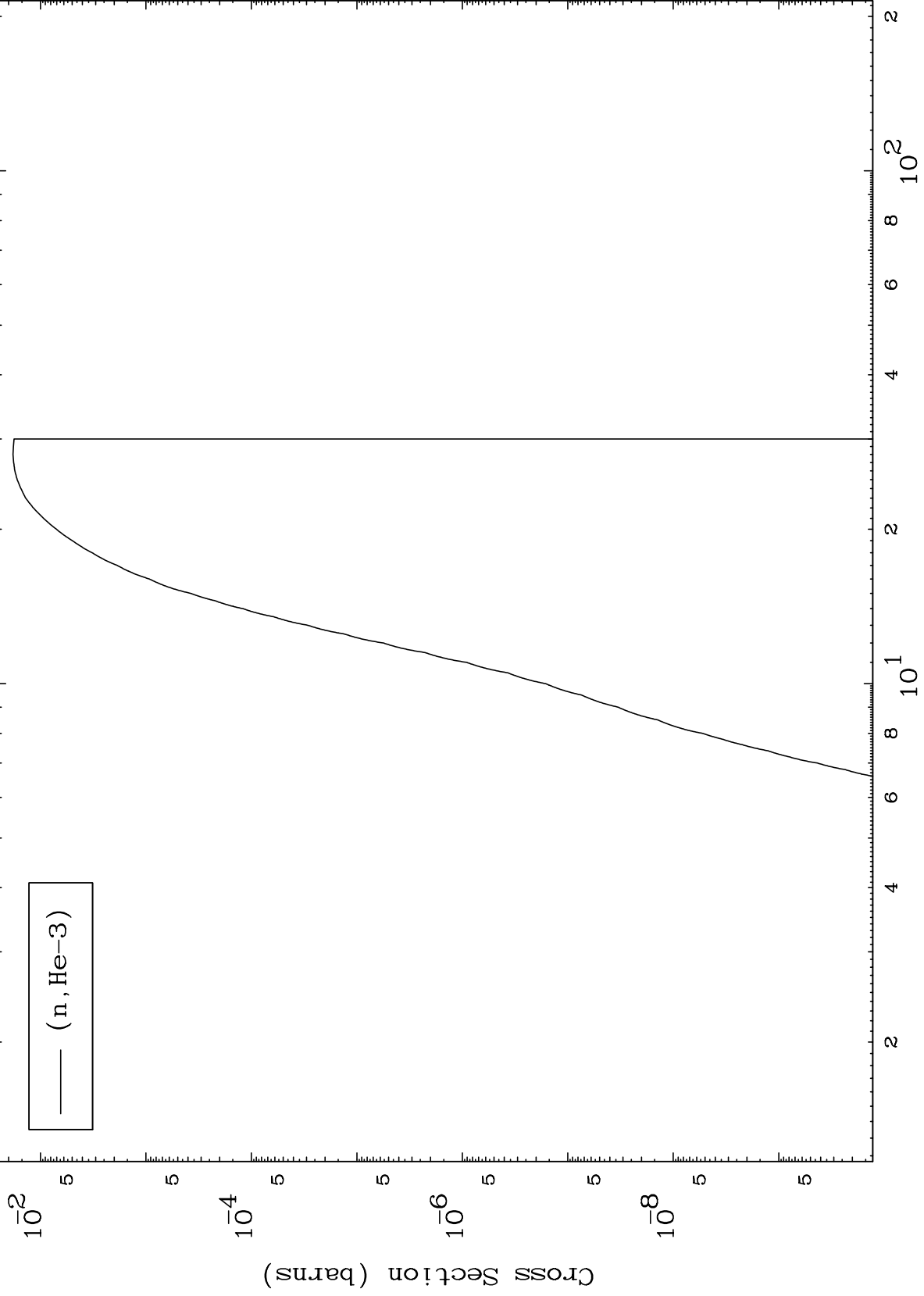
40-Zr-83



MAT 4004

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-83



12

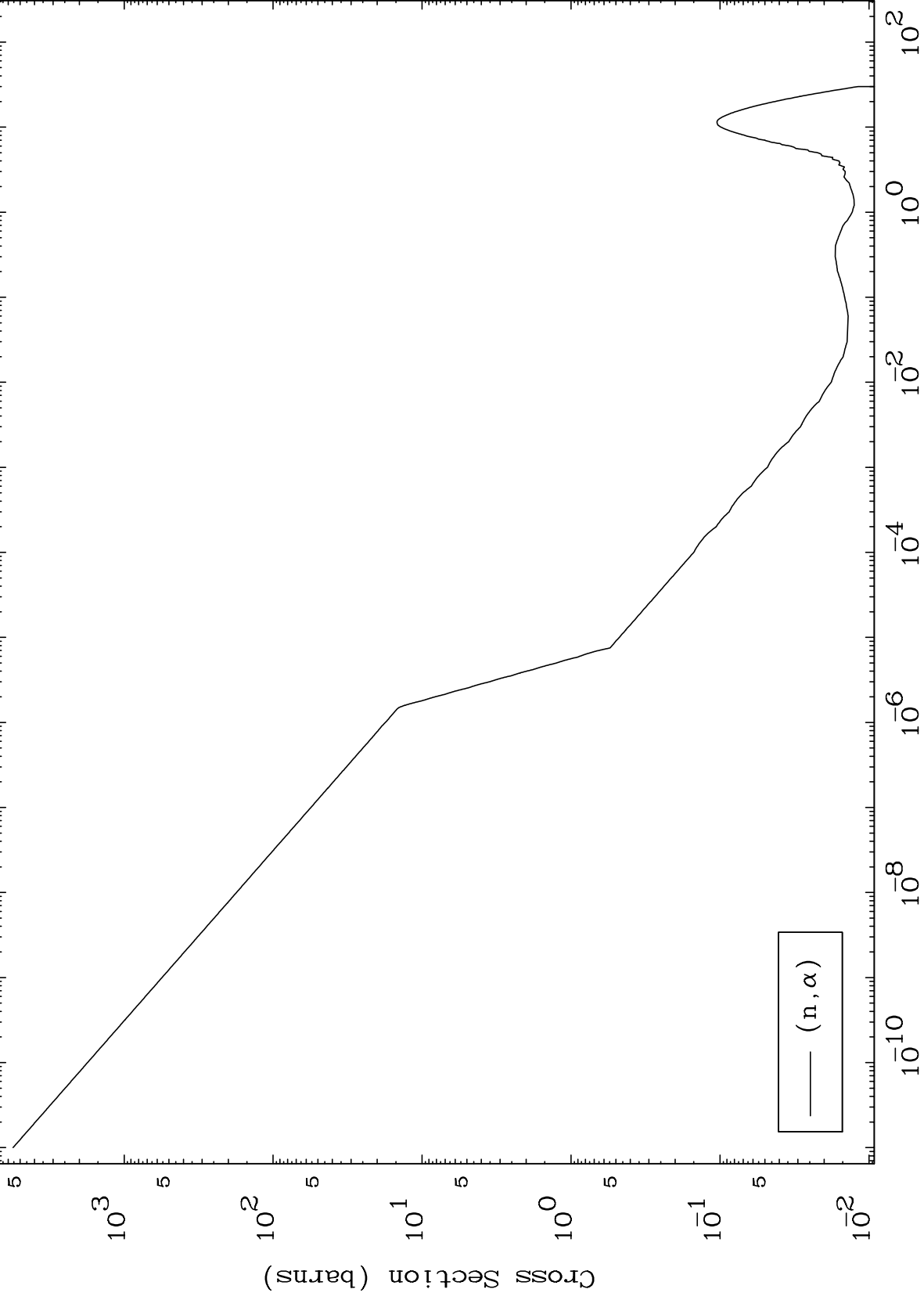
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n, α) Levels
293 Kelvin Cross Sections

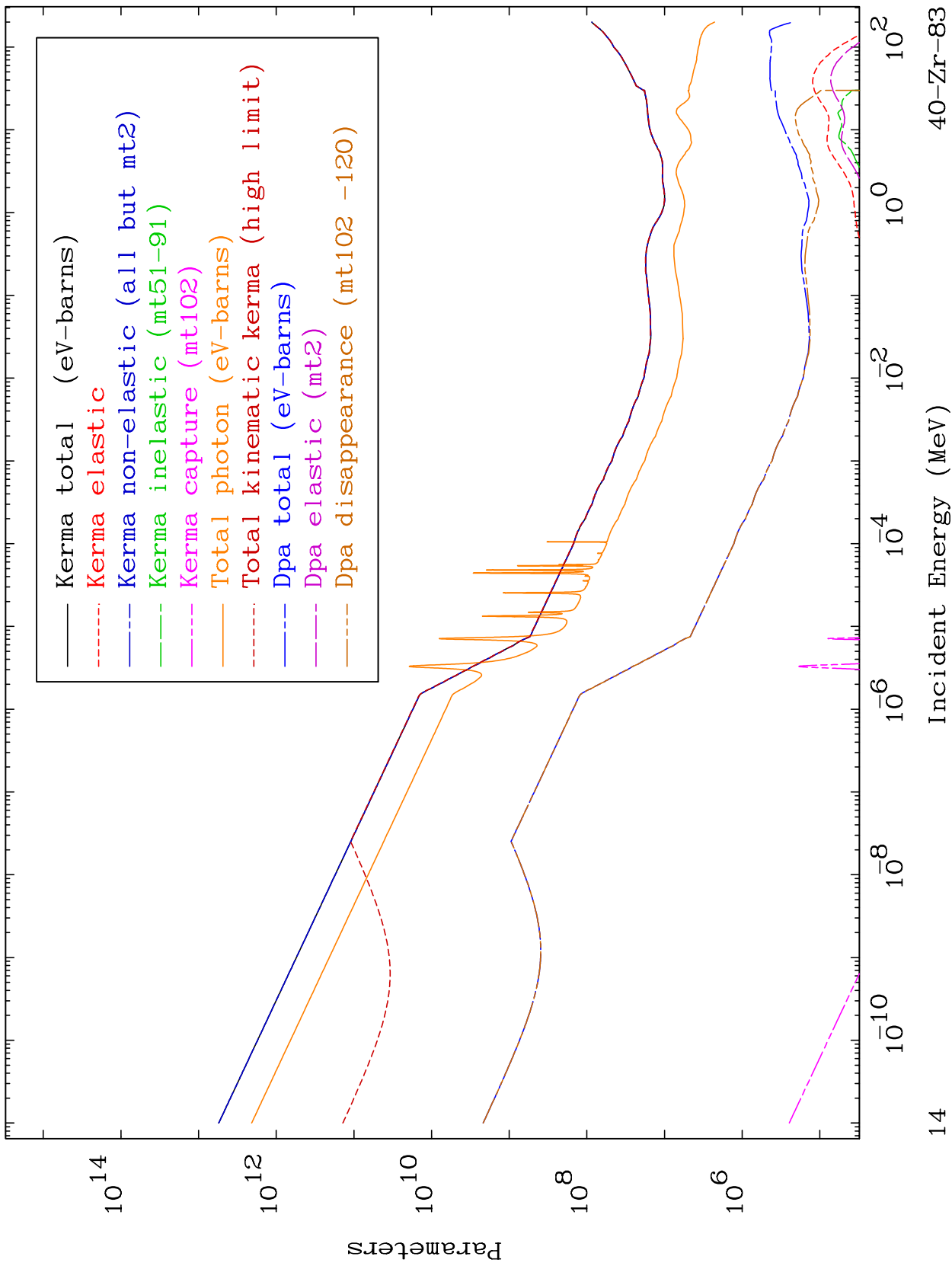
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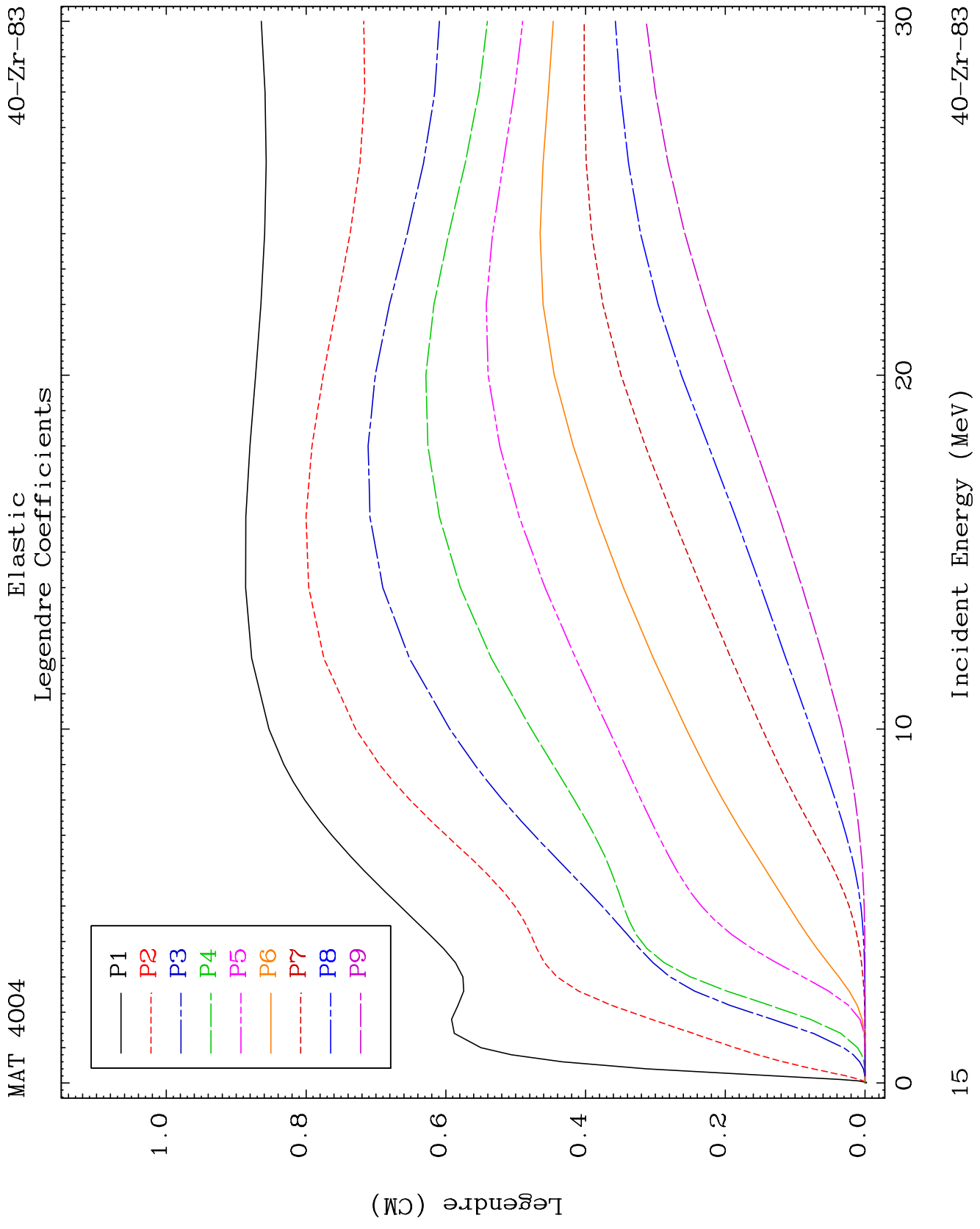


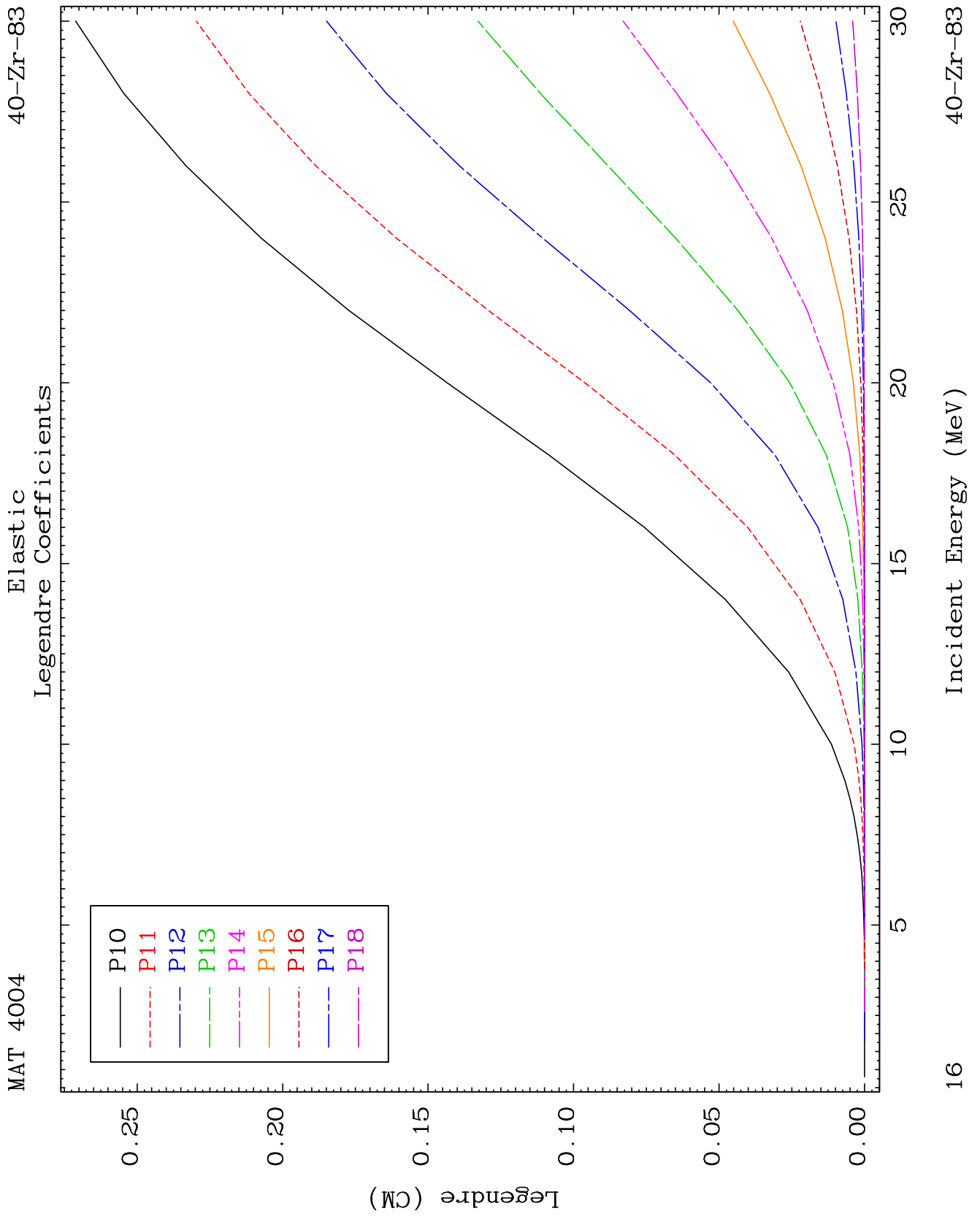
13

Incident Energy (MeV)

40-Zr-83



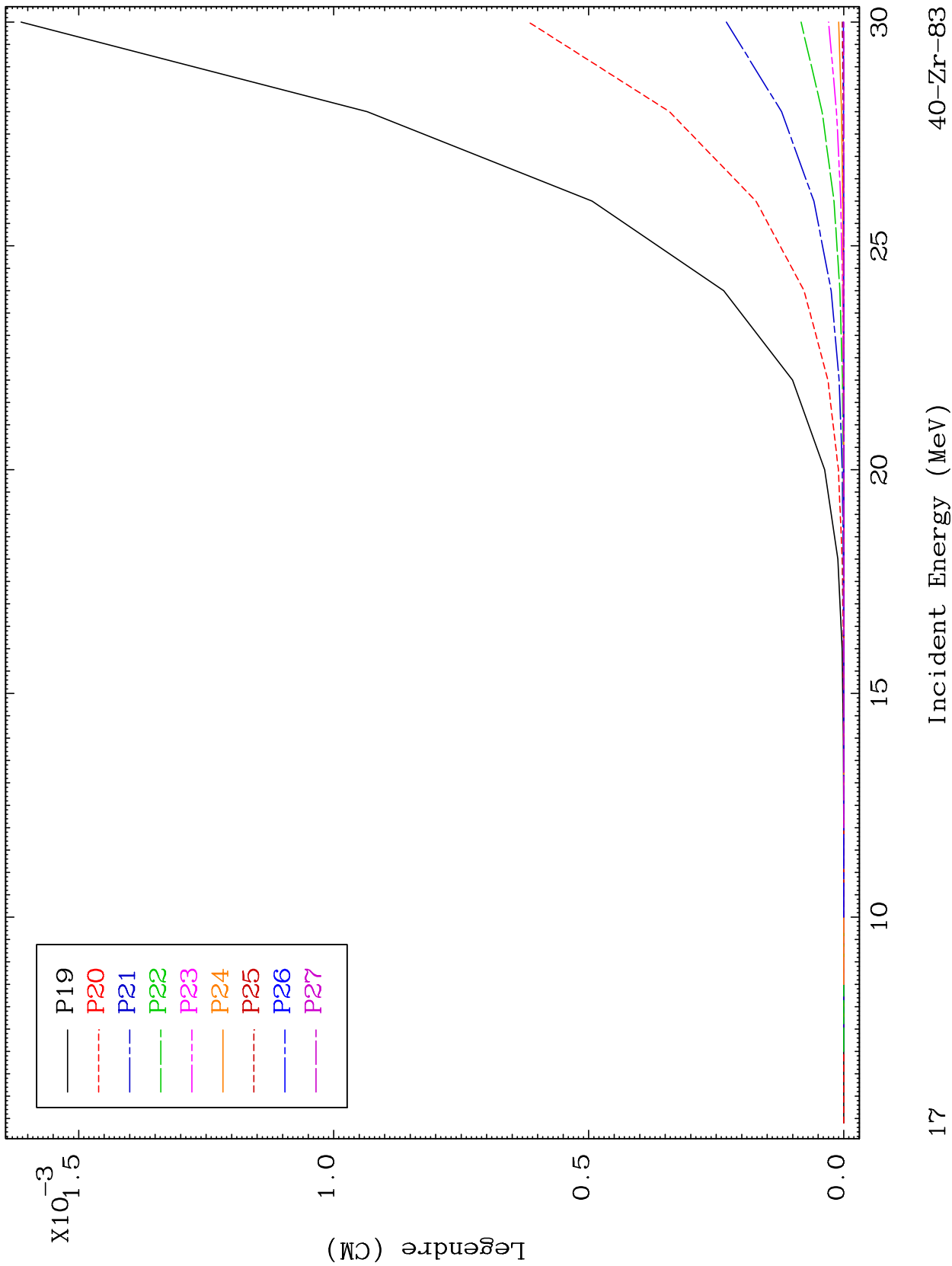




MAT 4004

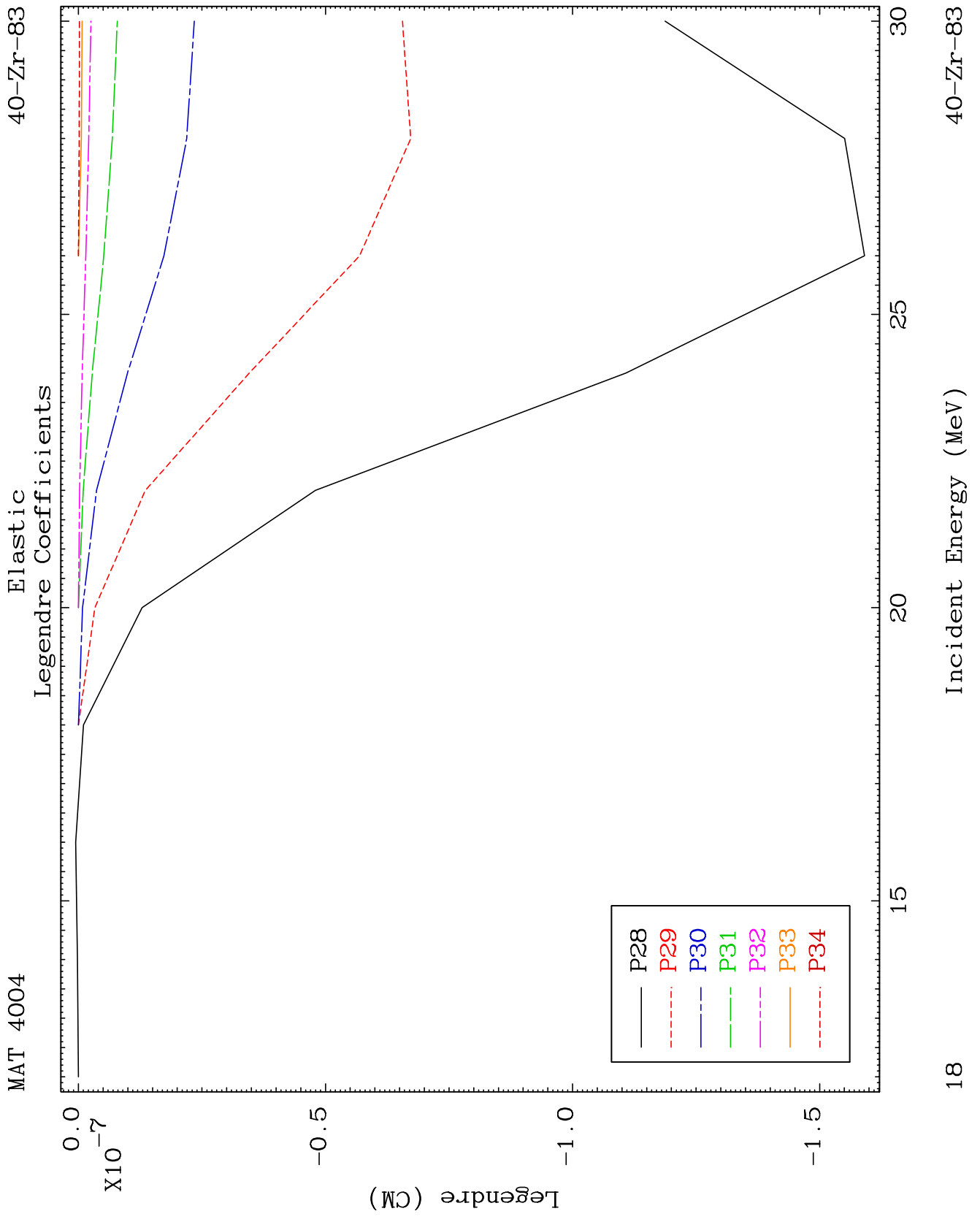
Elastic Legendre Coefficients

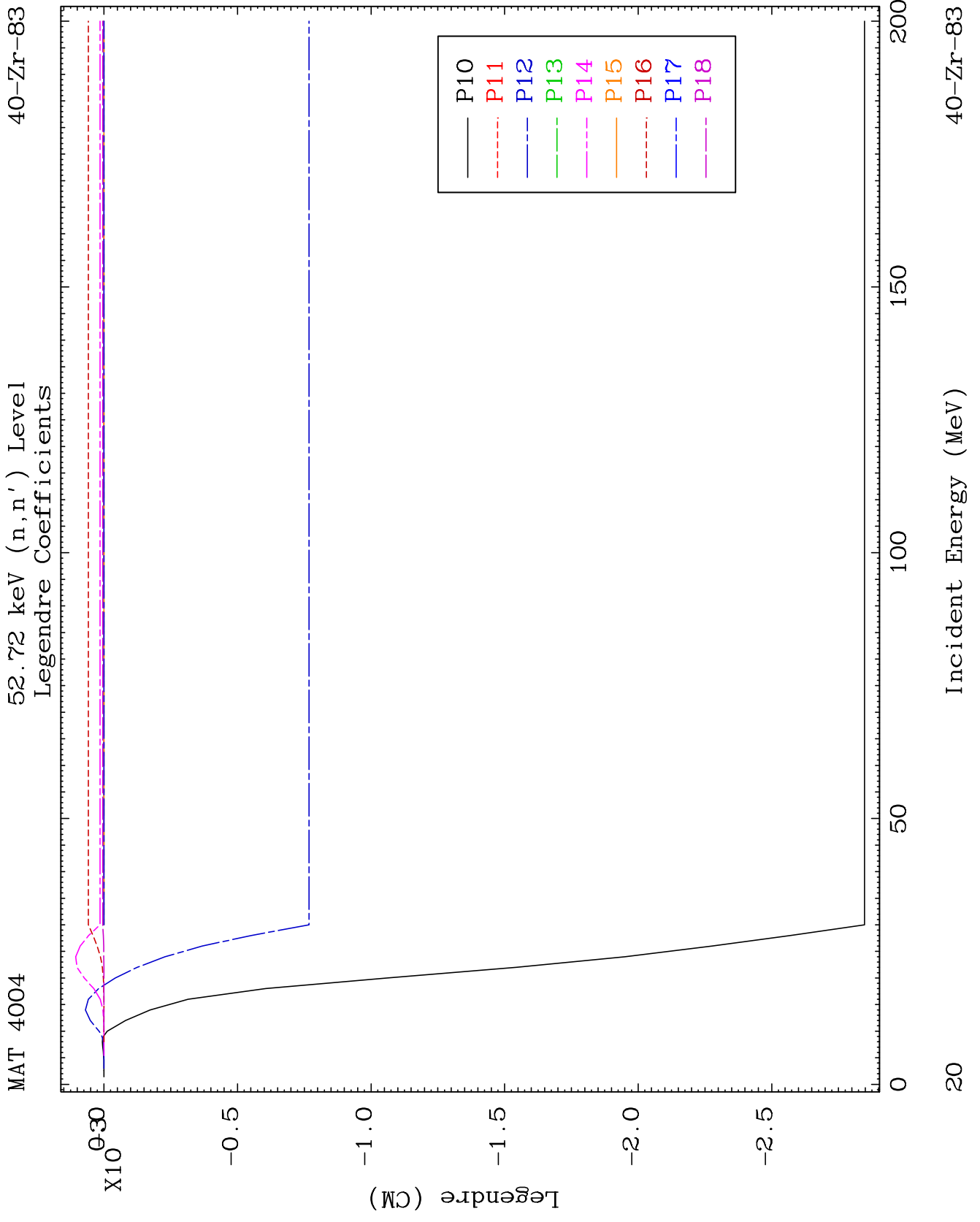
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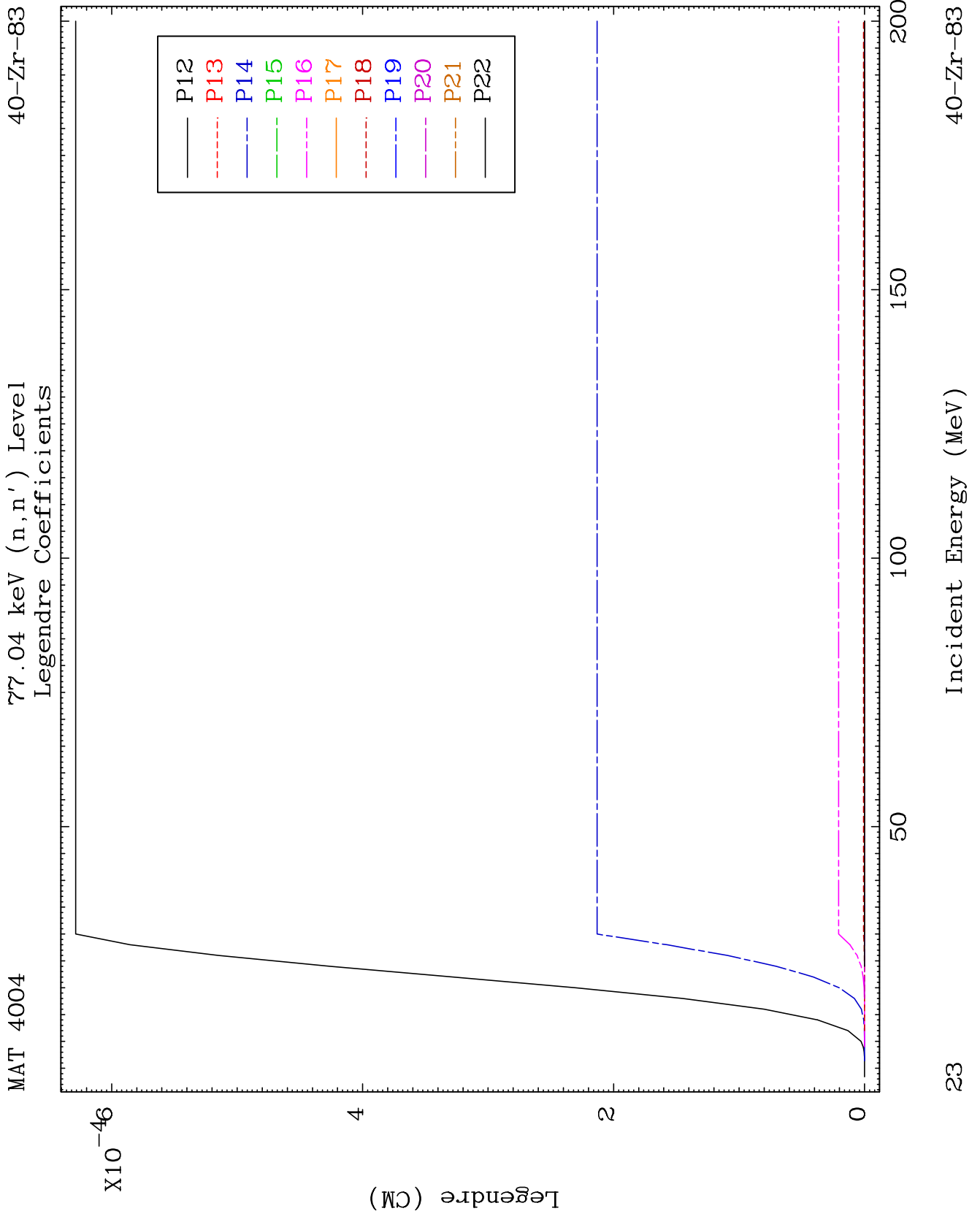


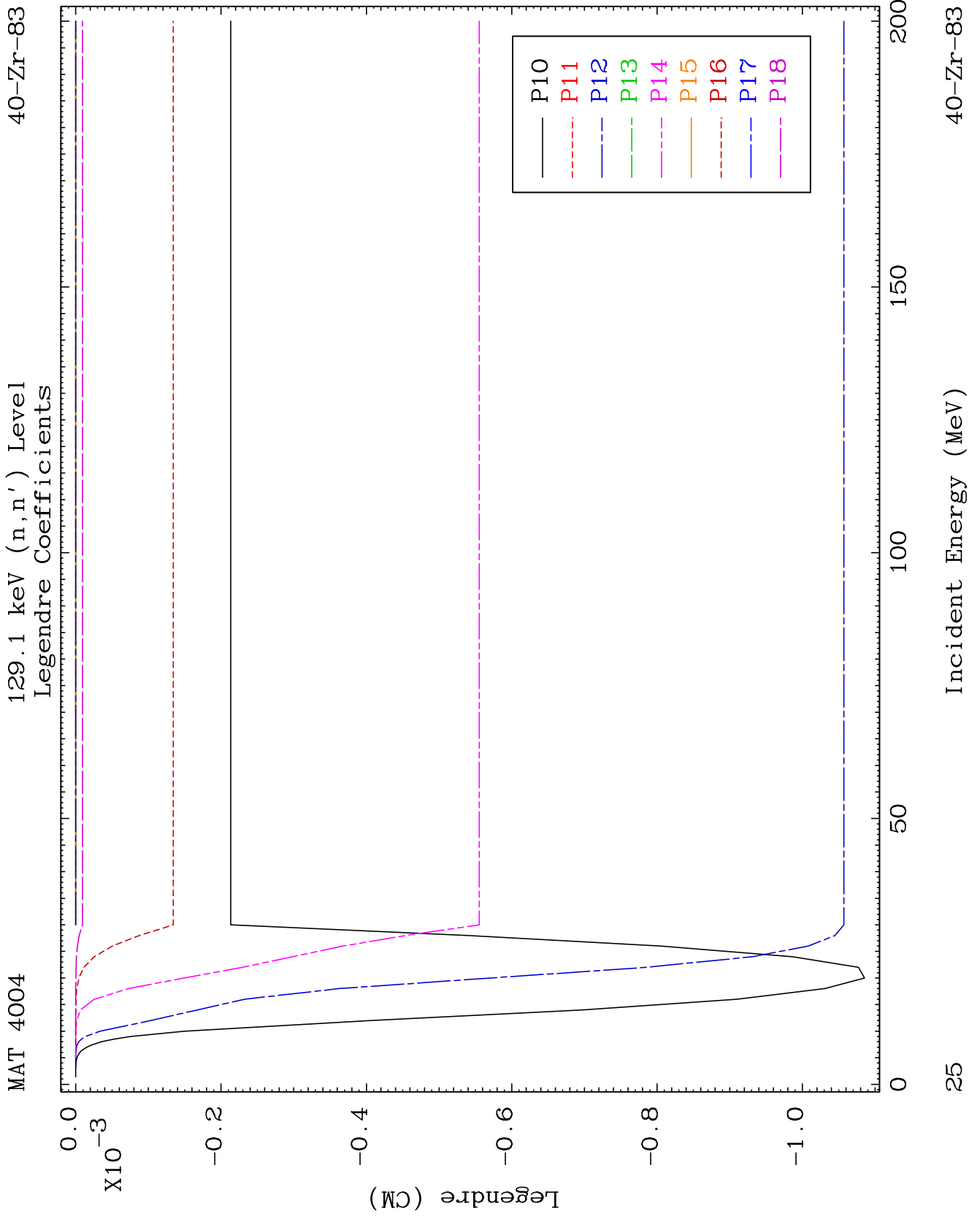
17

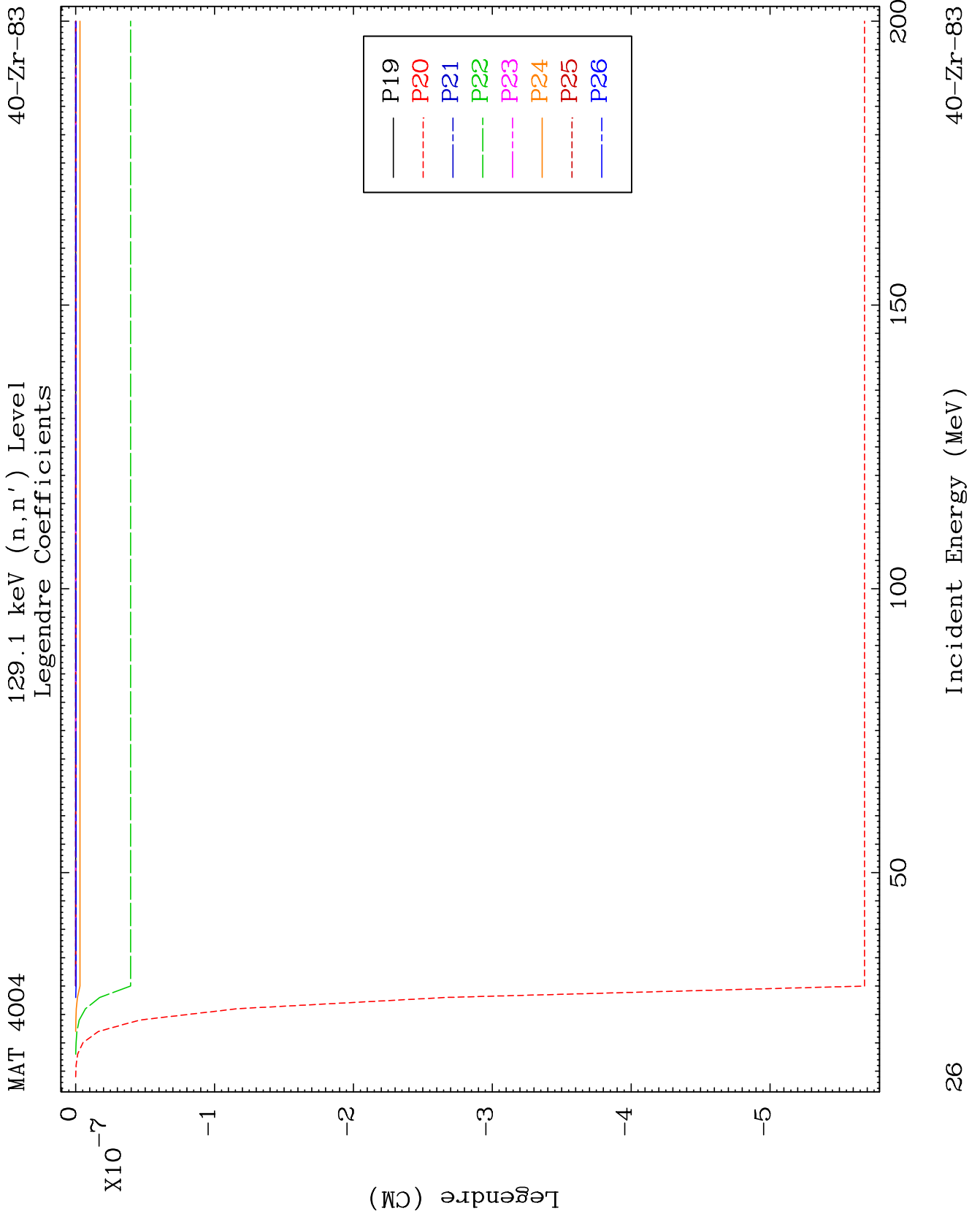
40-Zr-83







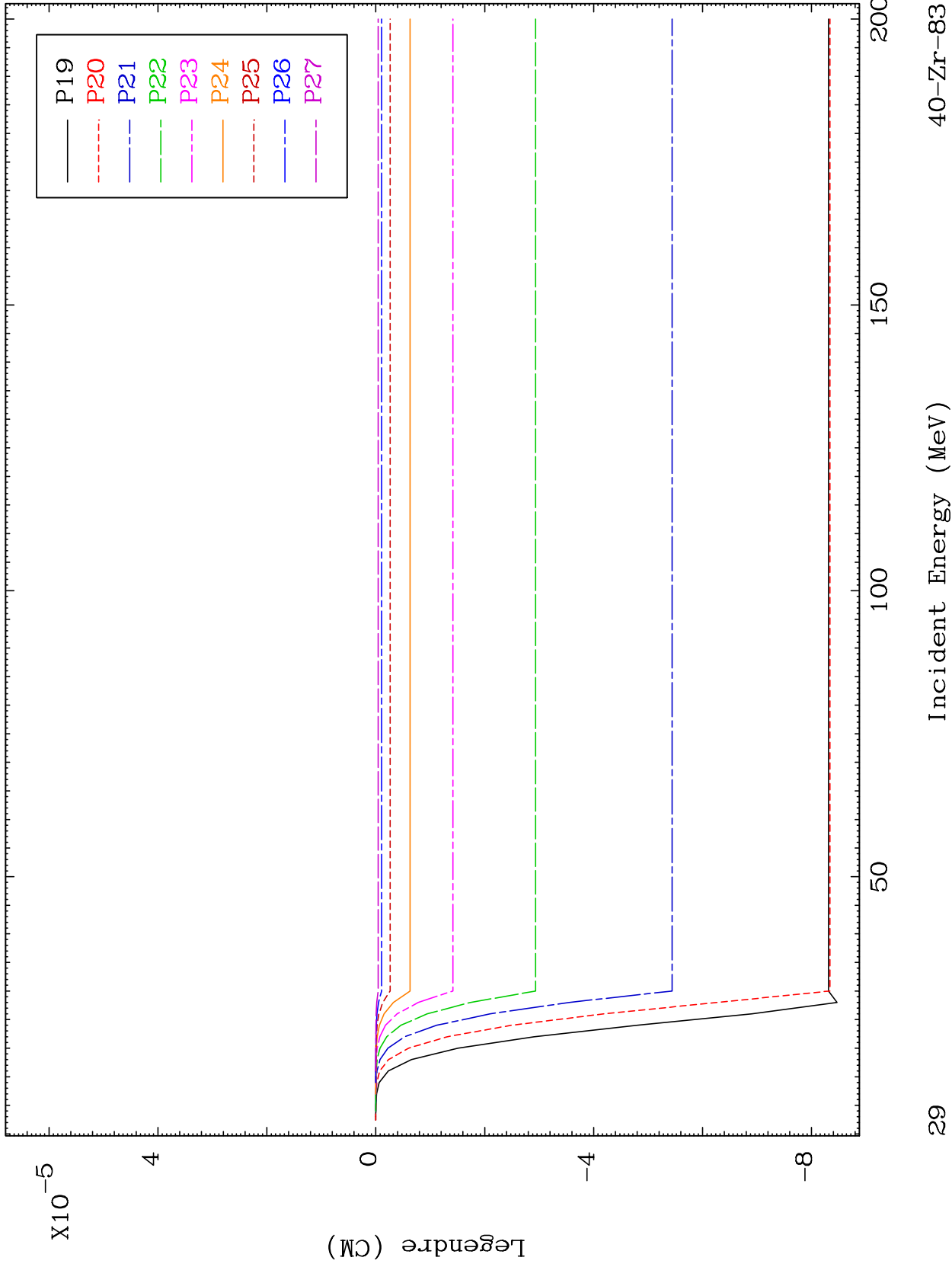




MAT 4004

138.8 keV (n,n') Level
Legendre Coefficients

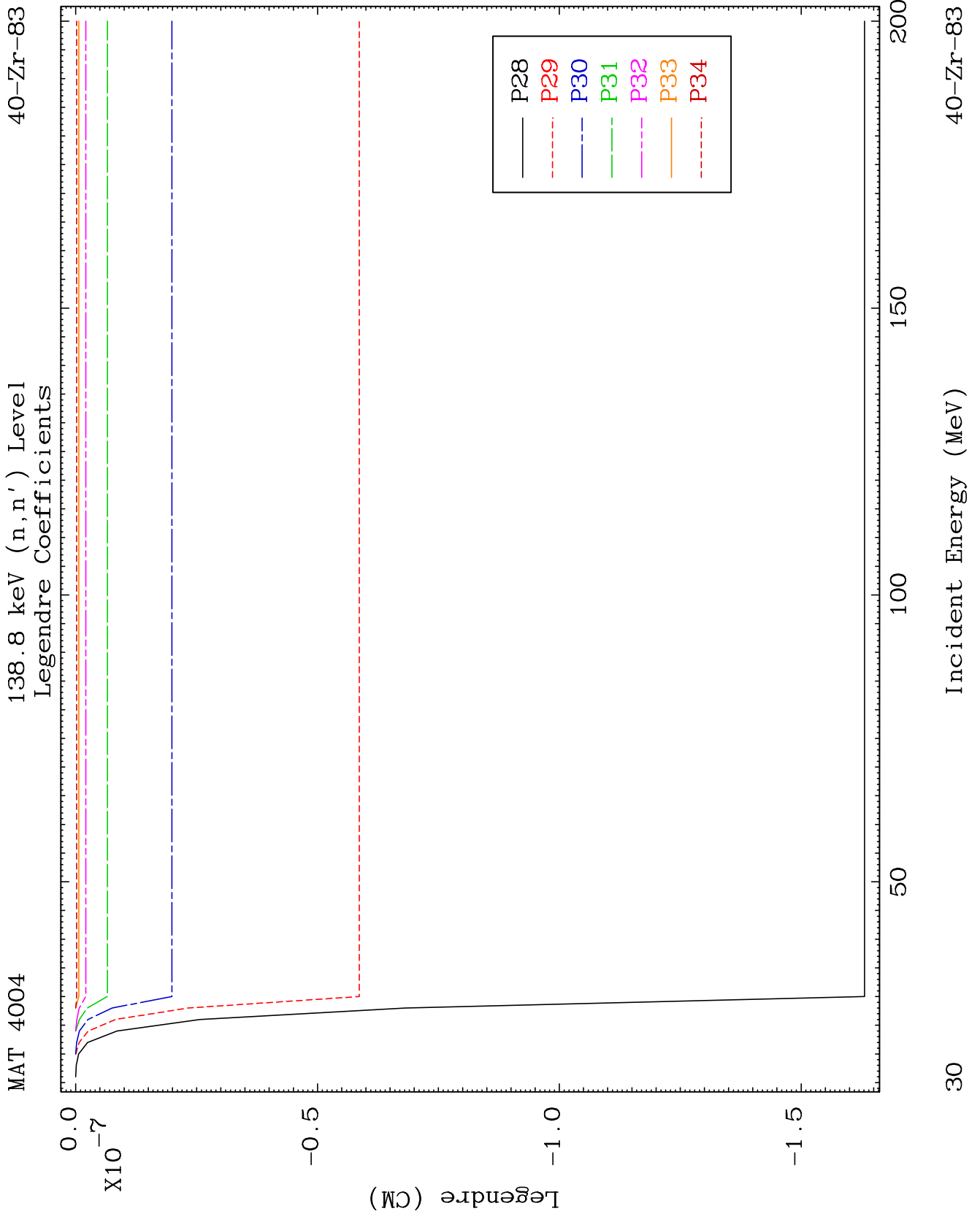
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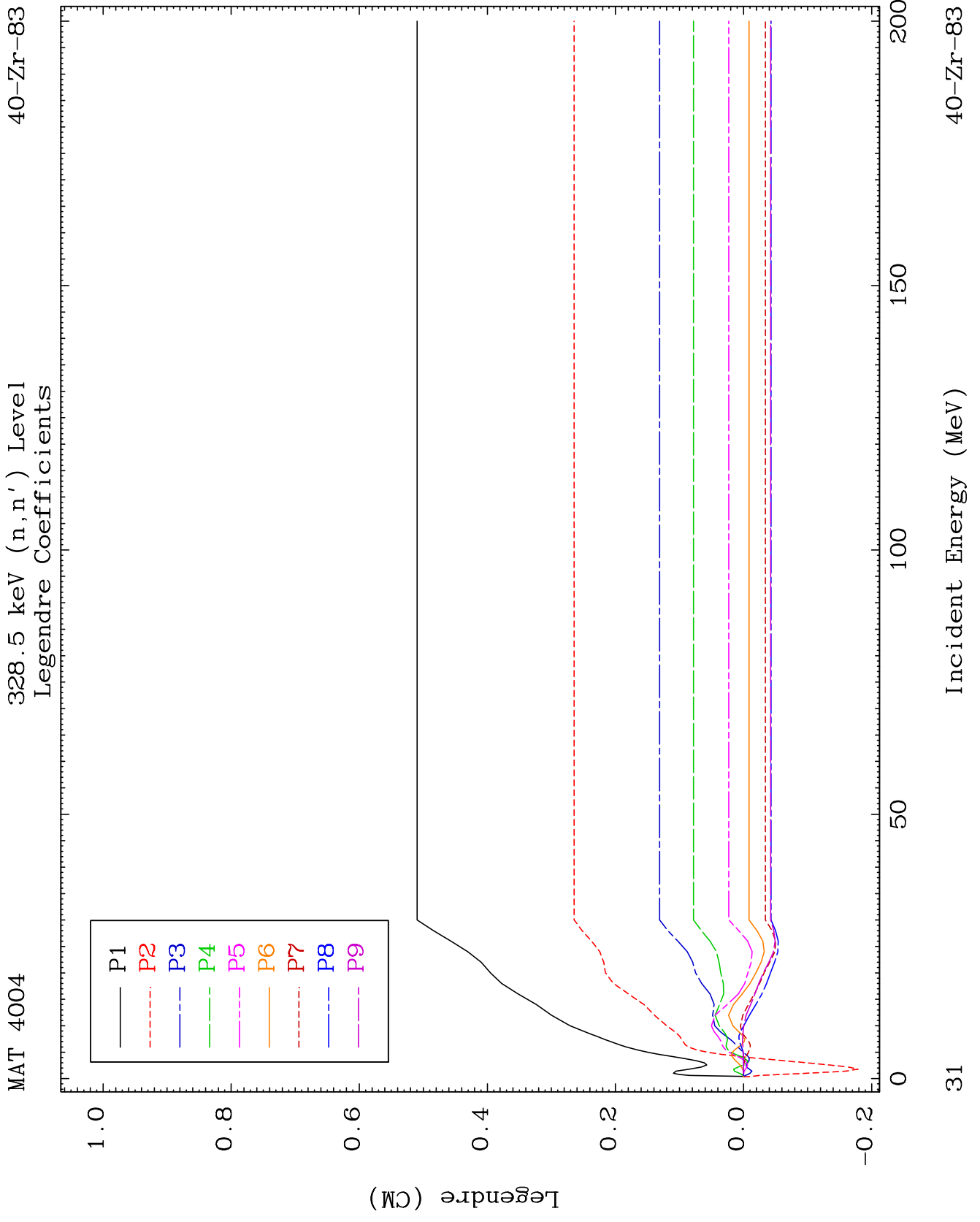


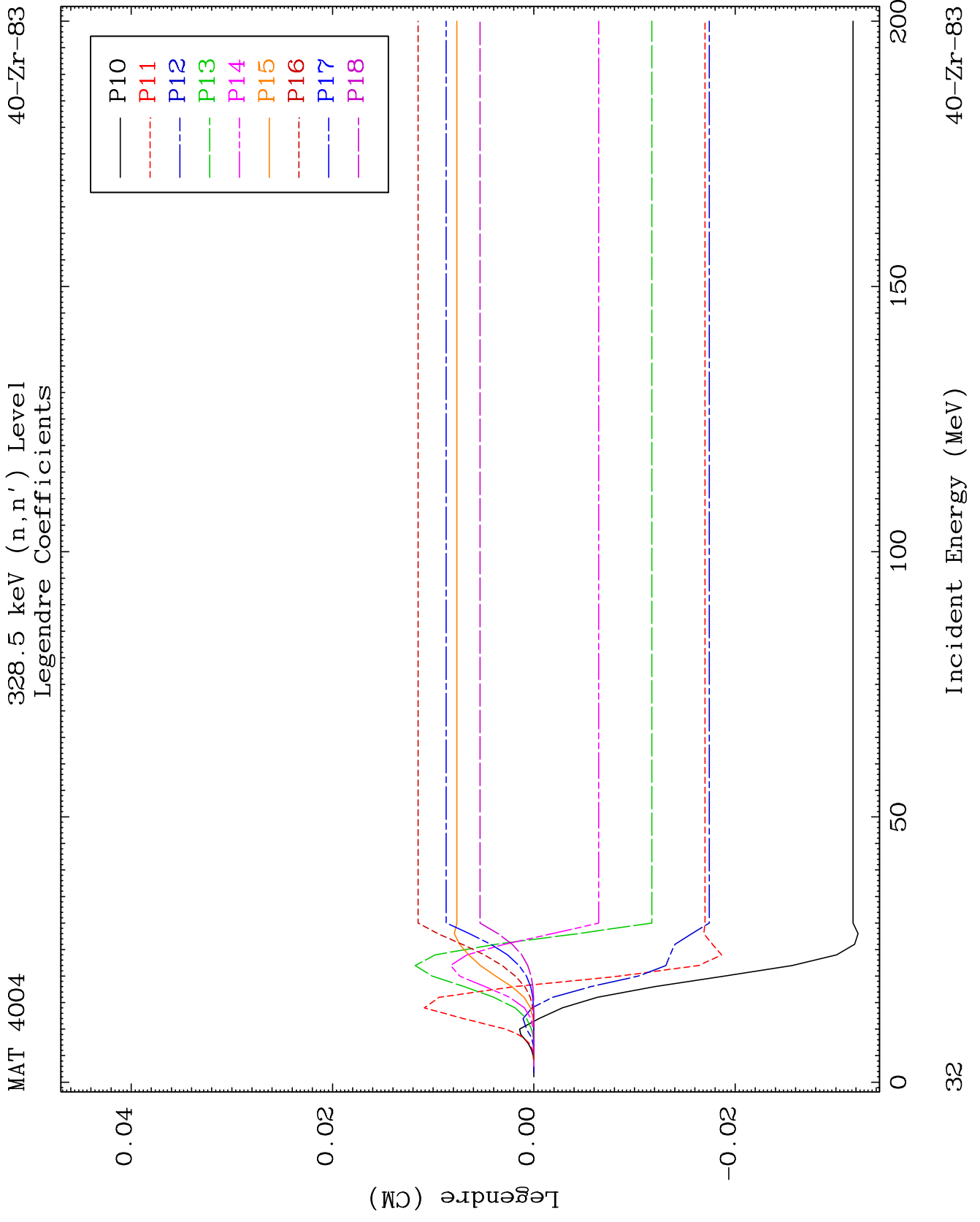
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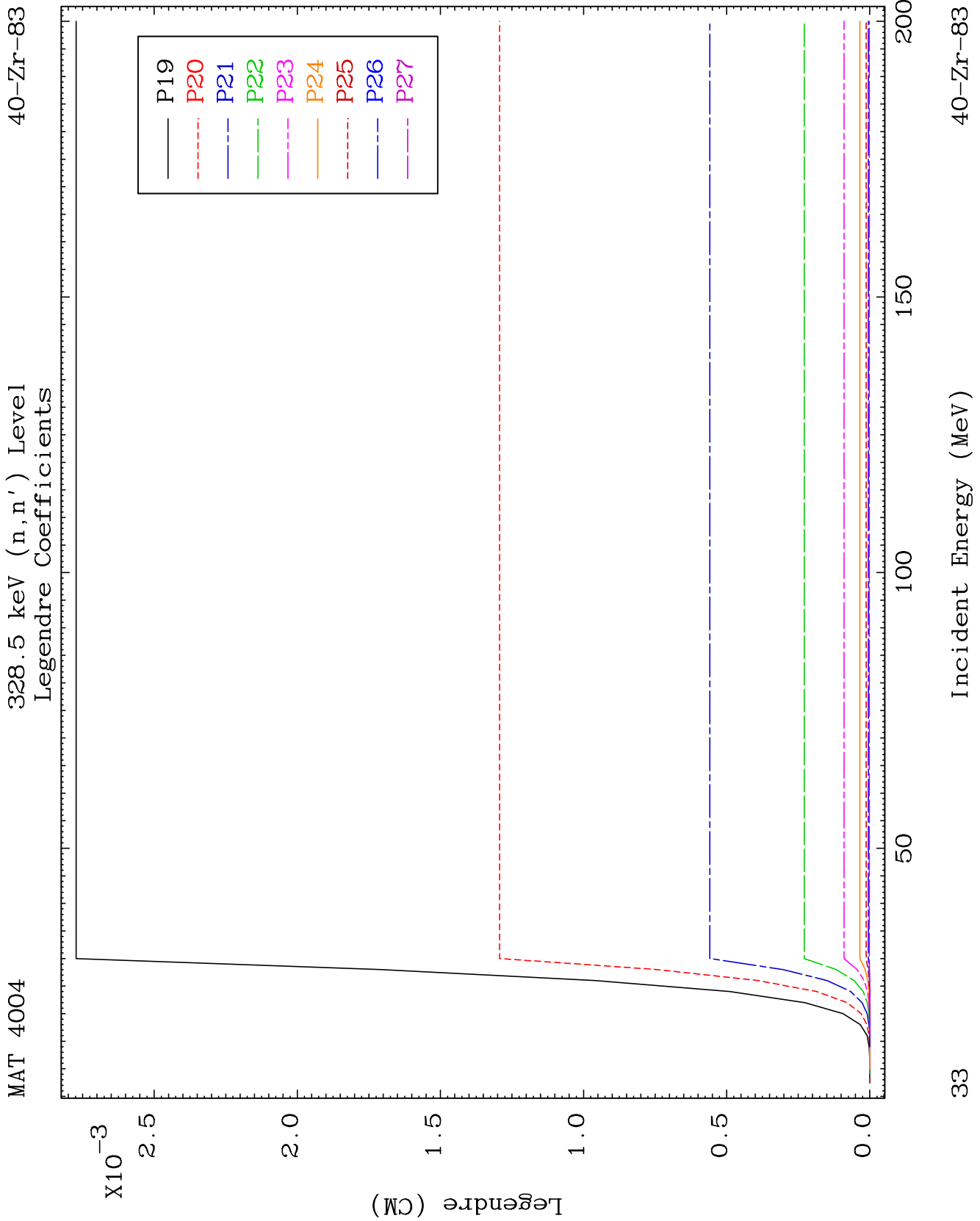
Incident Energy (MeV)

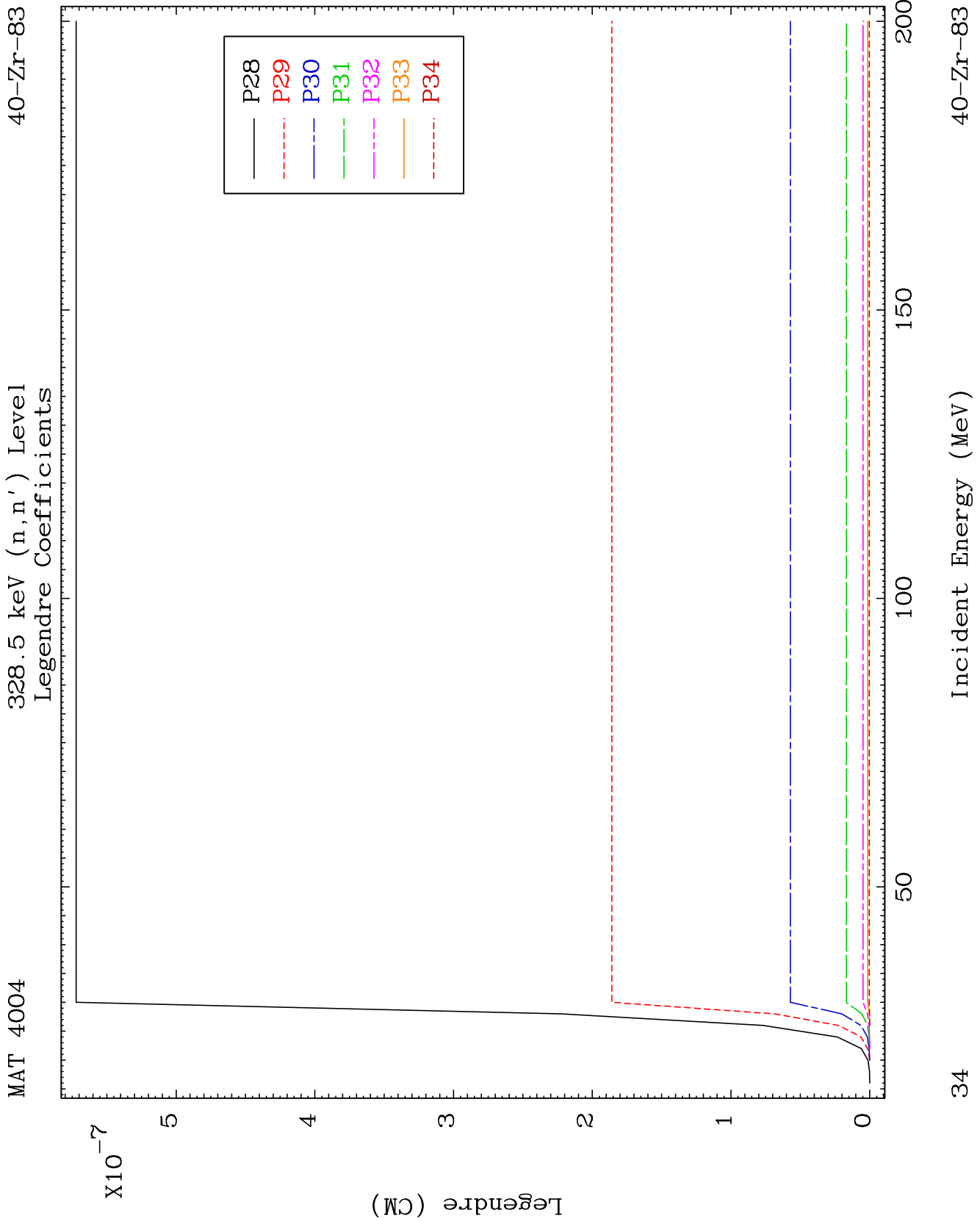
40-Zr-83

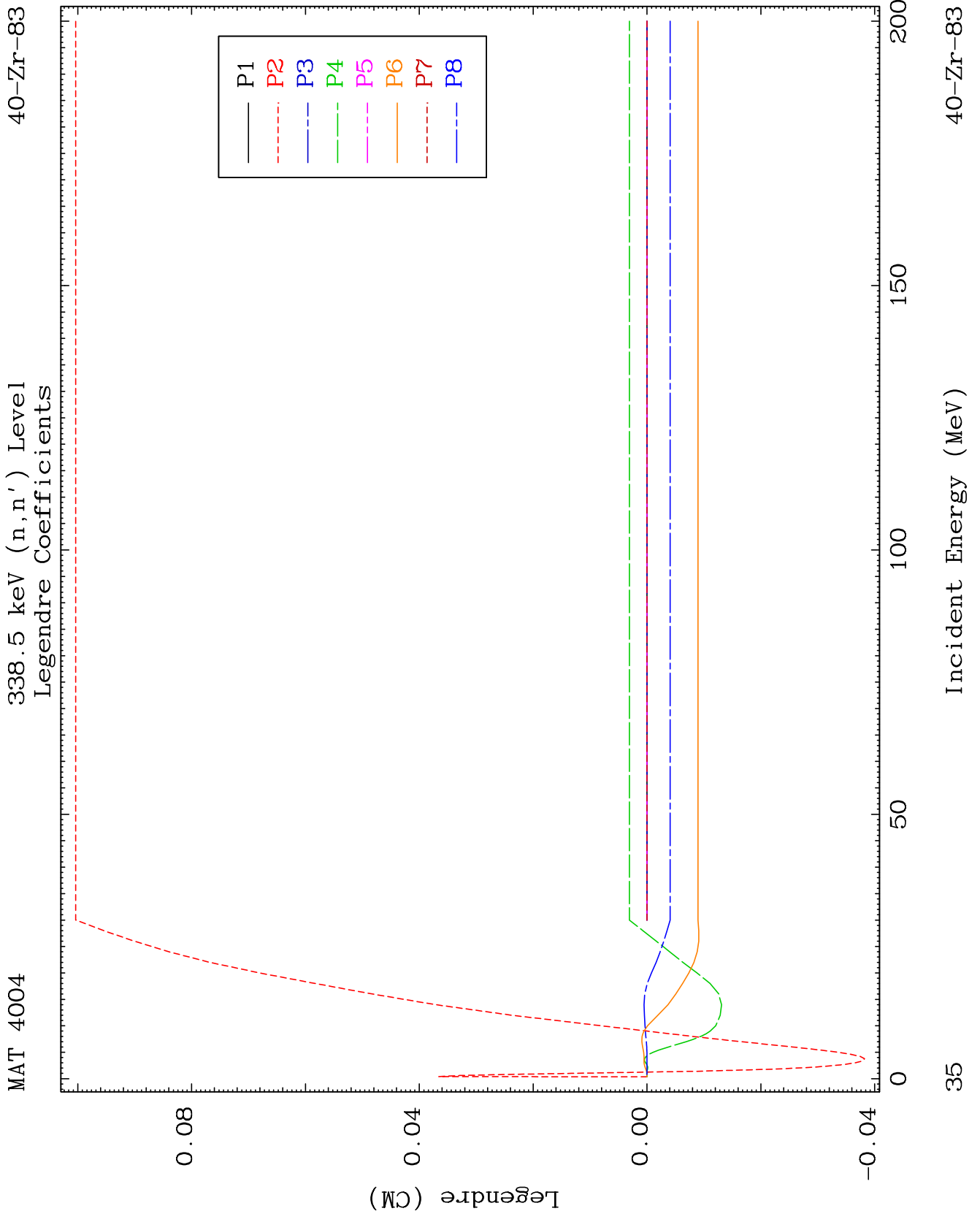


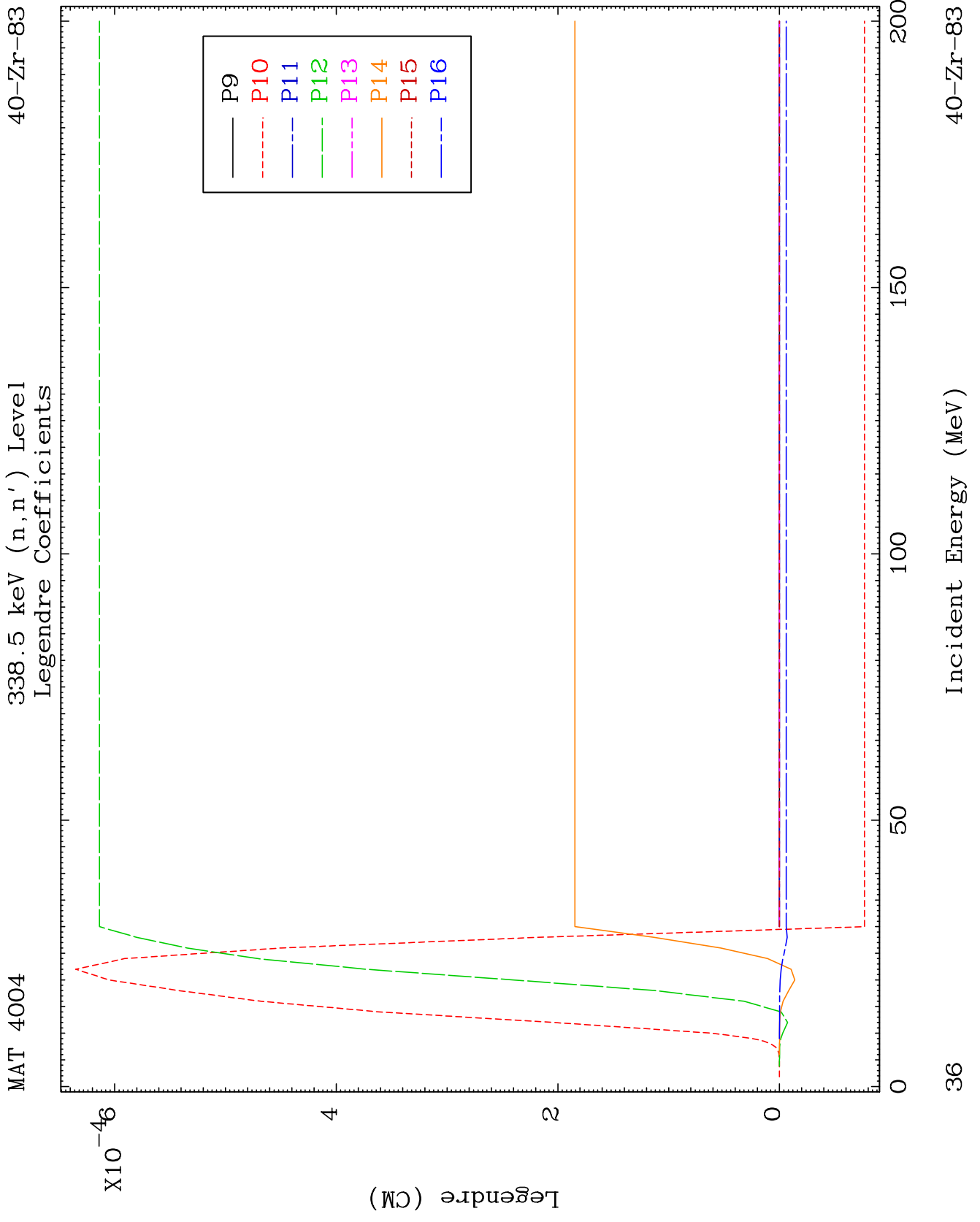


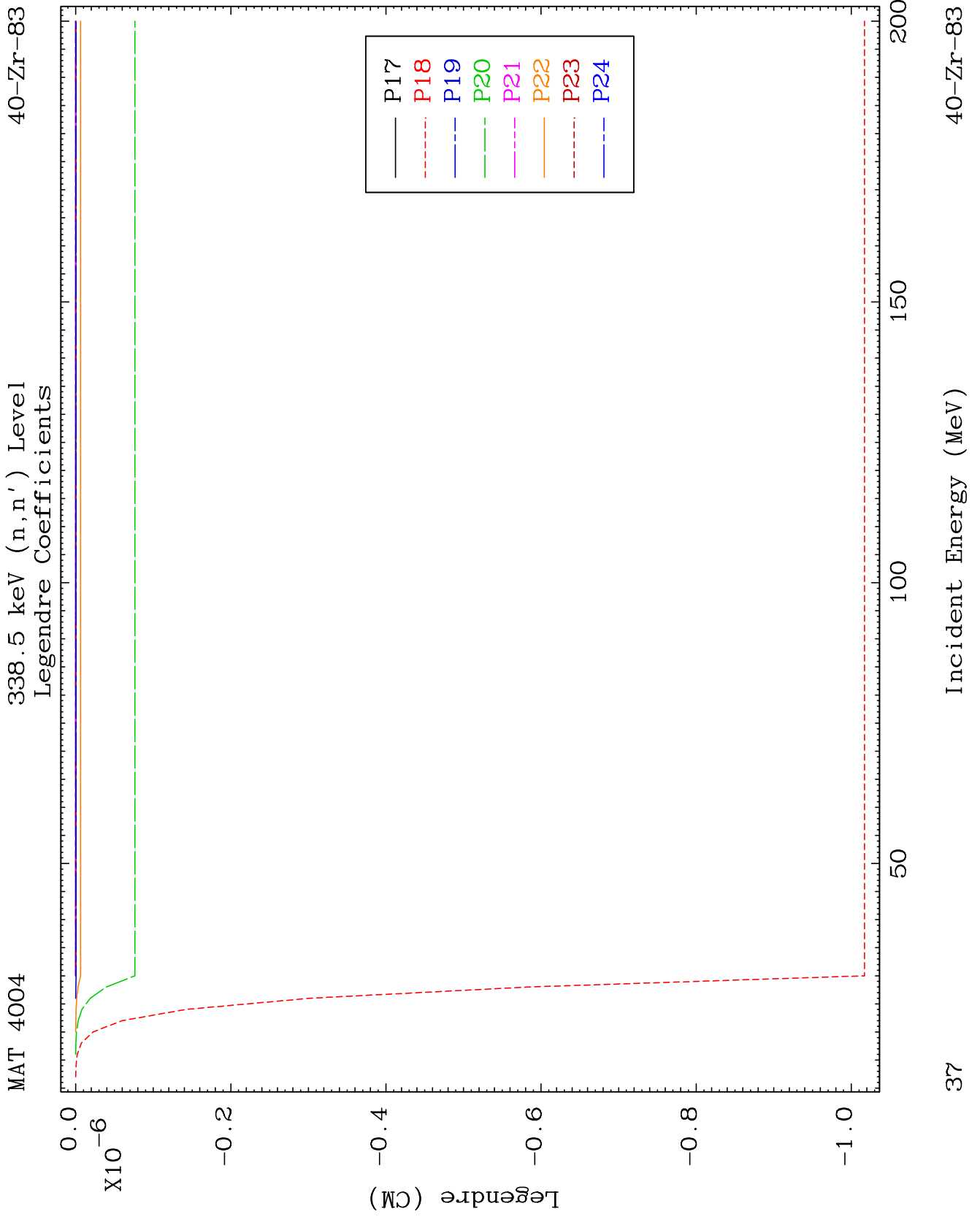


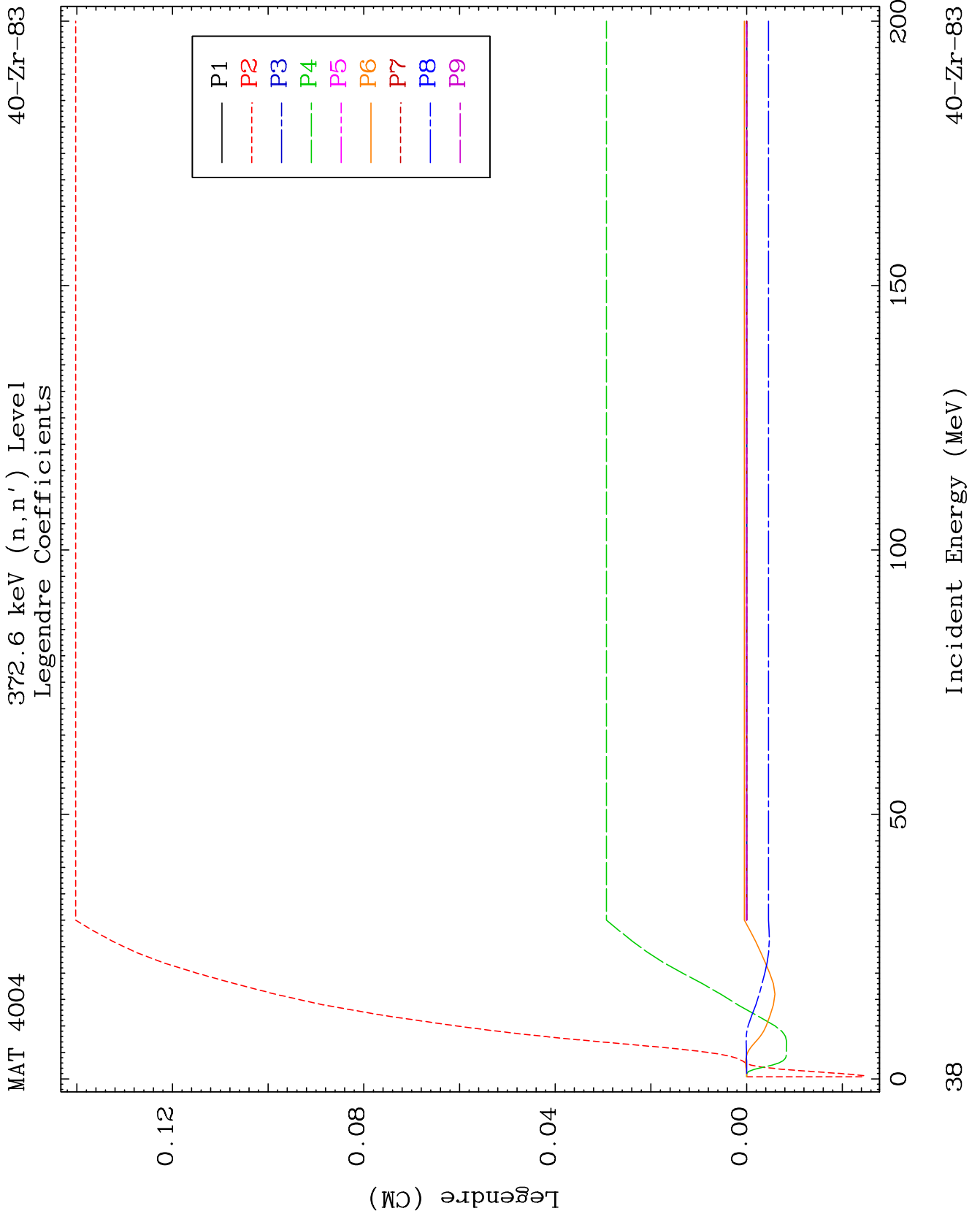


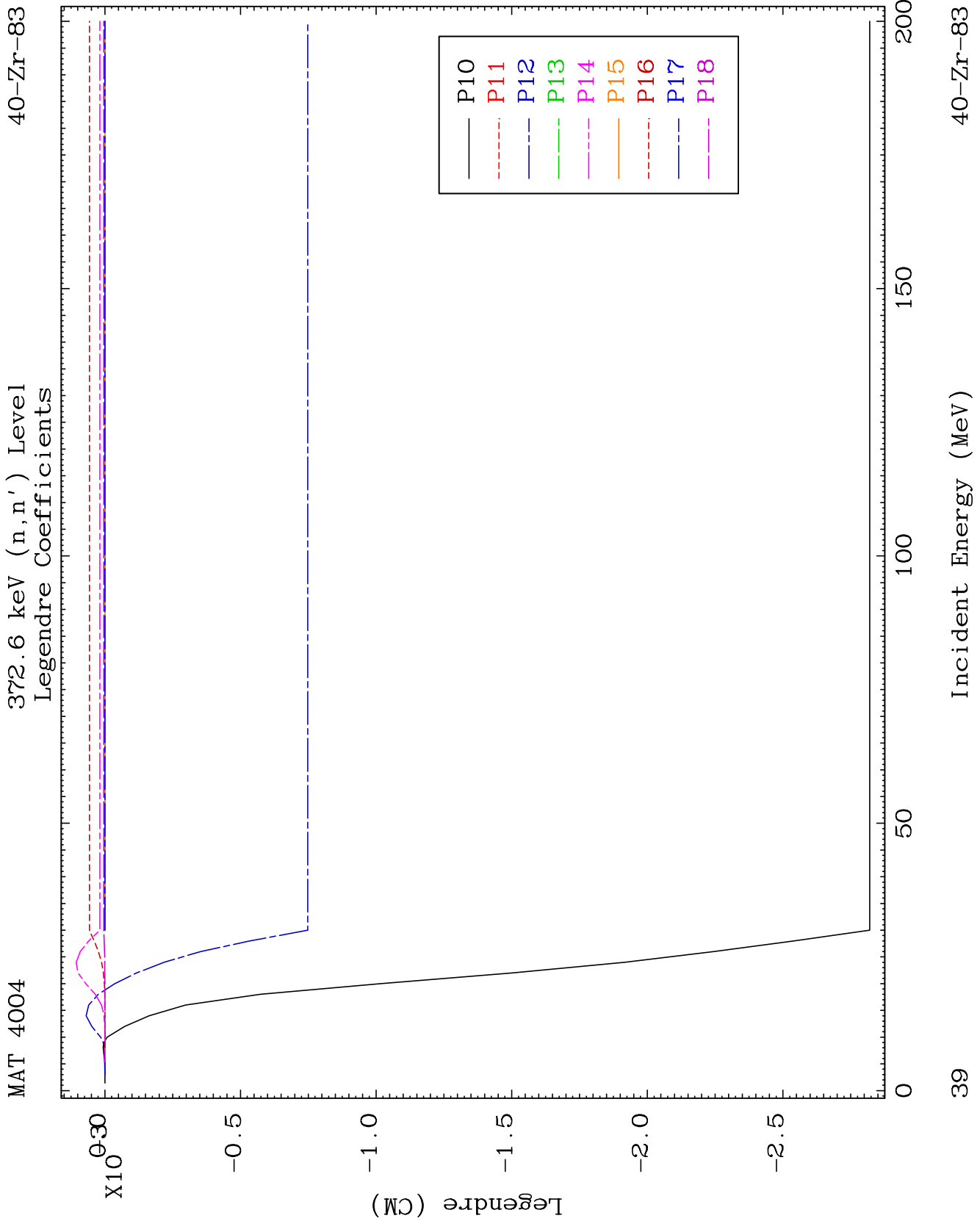


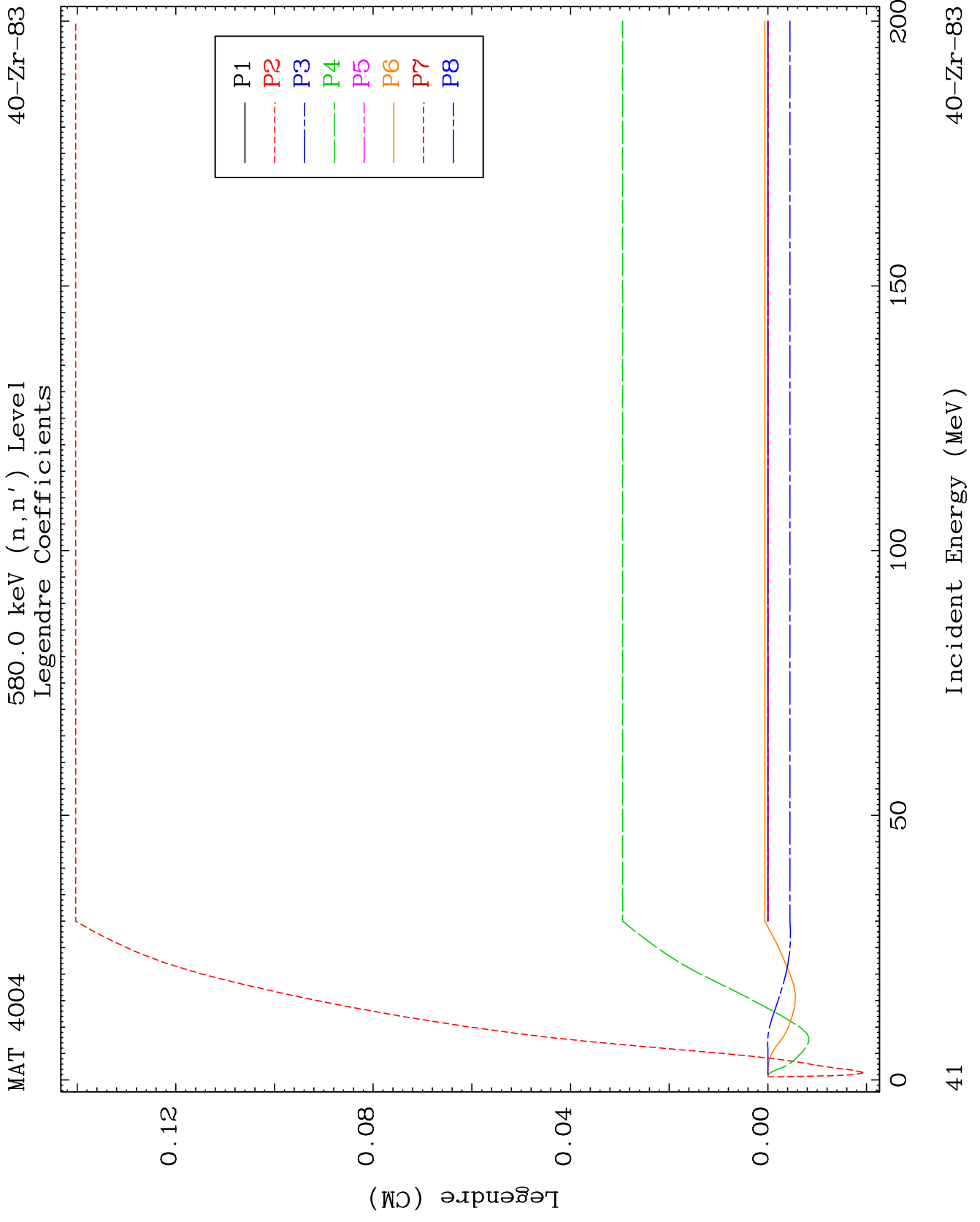


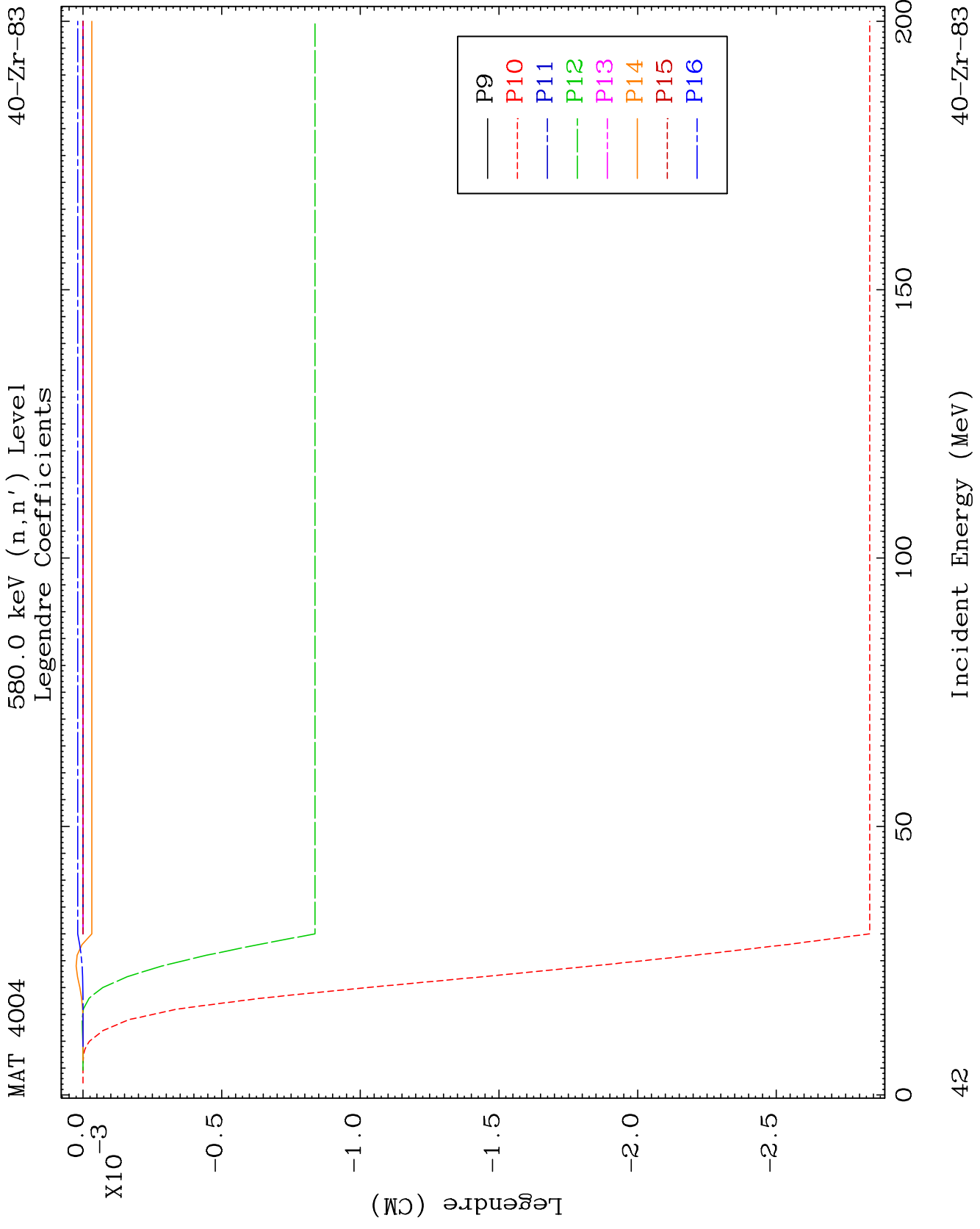


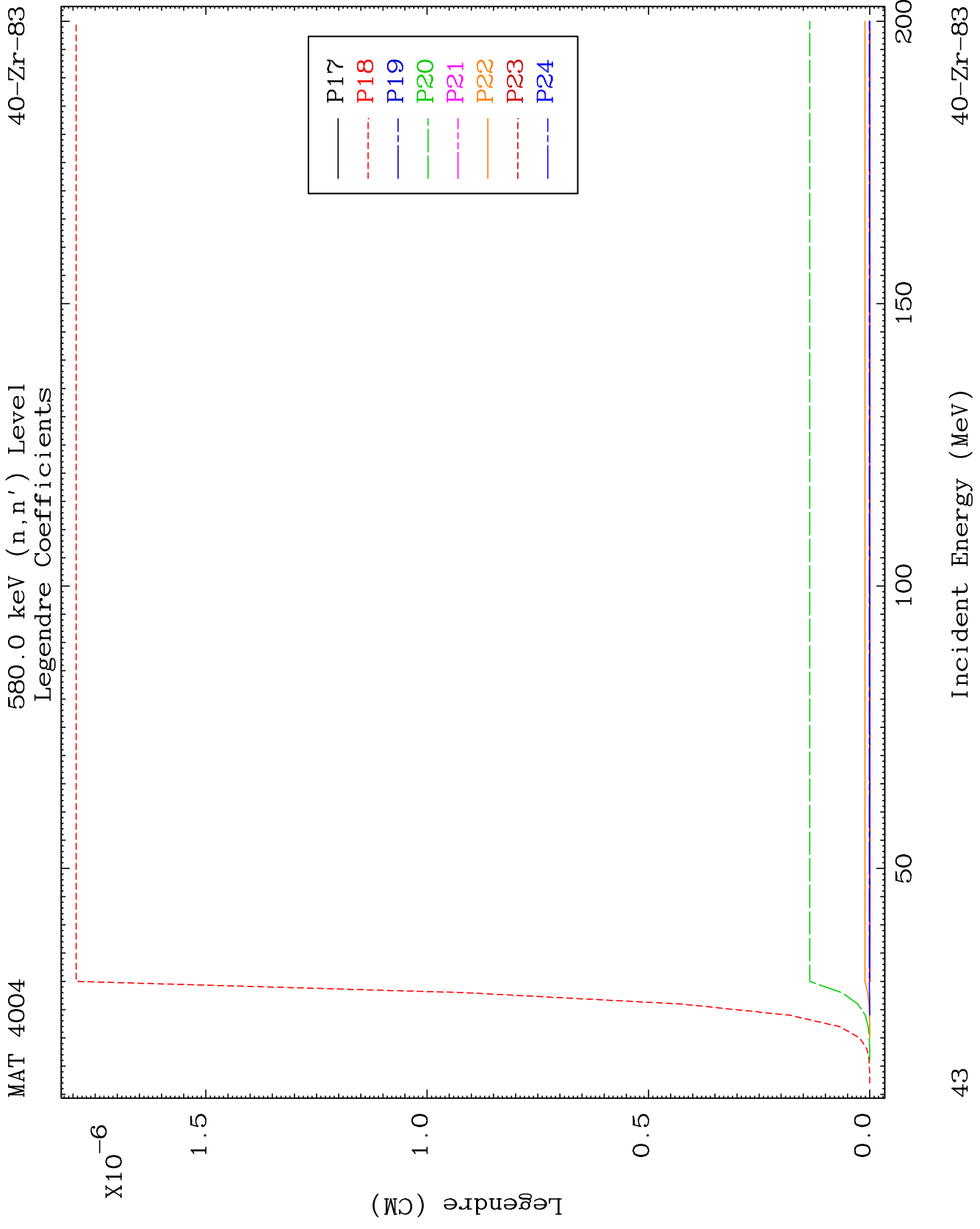


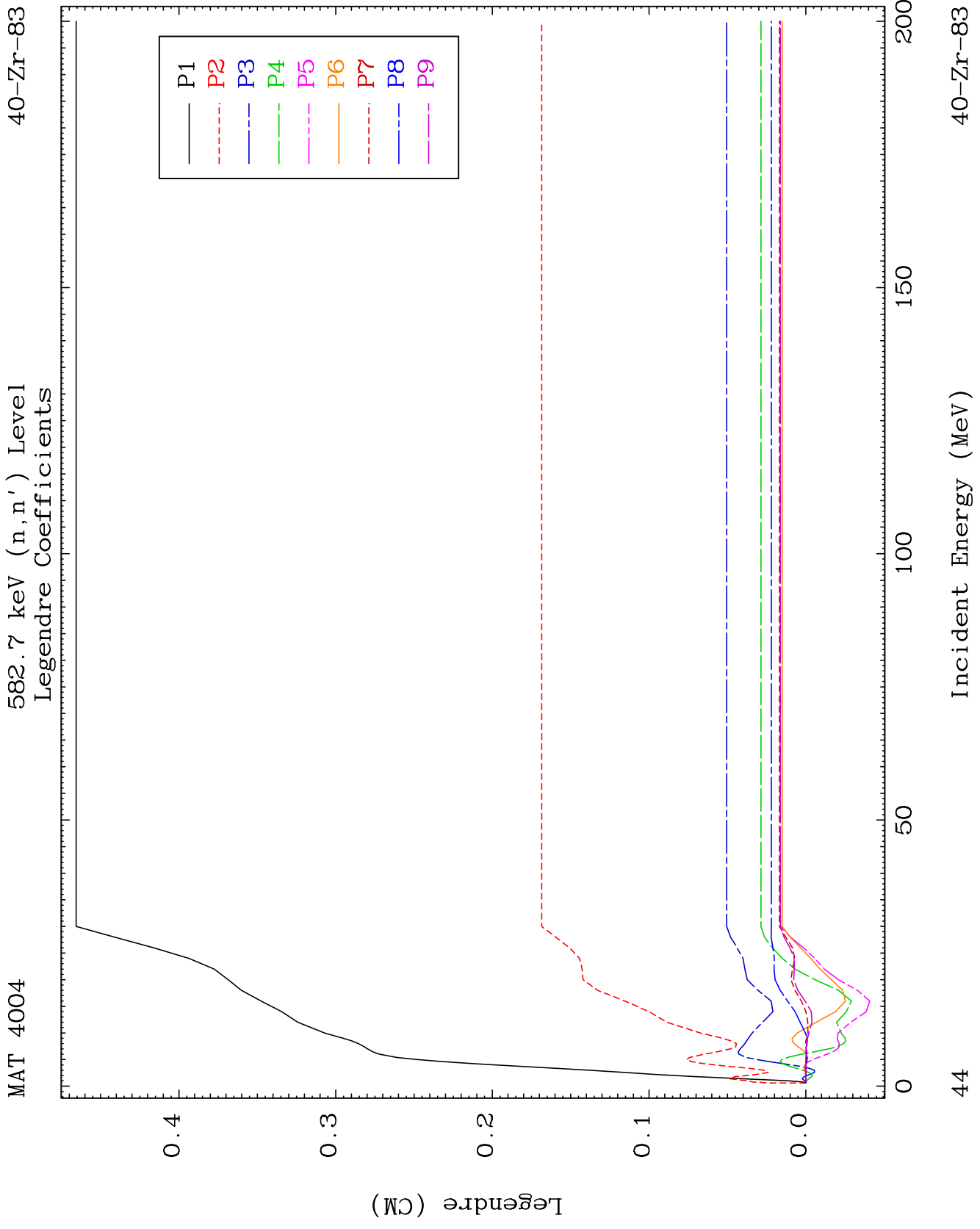








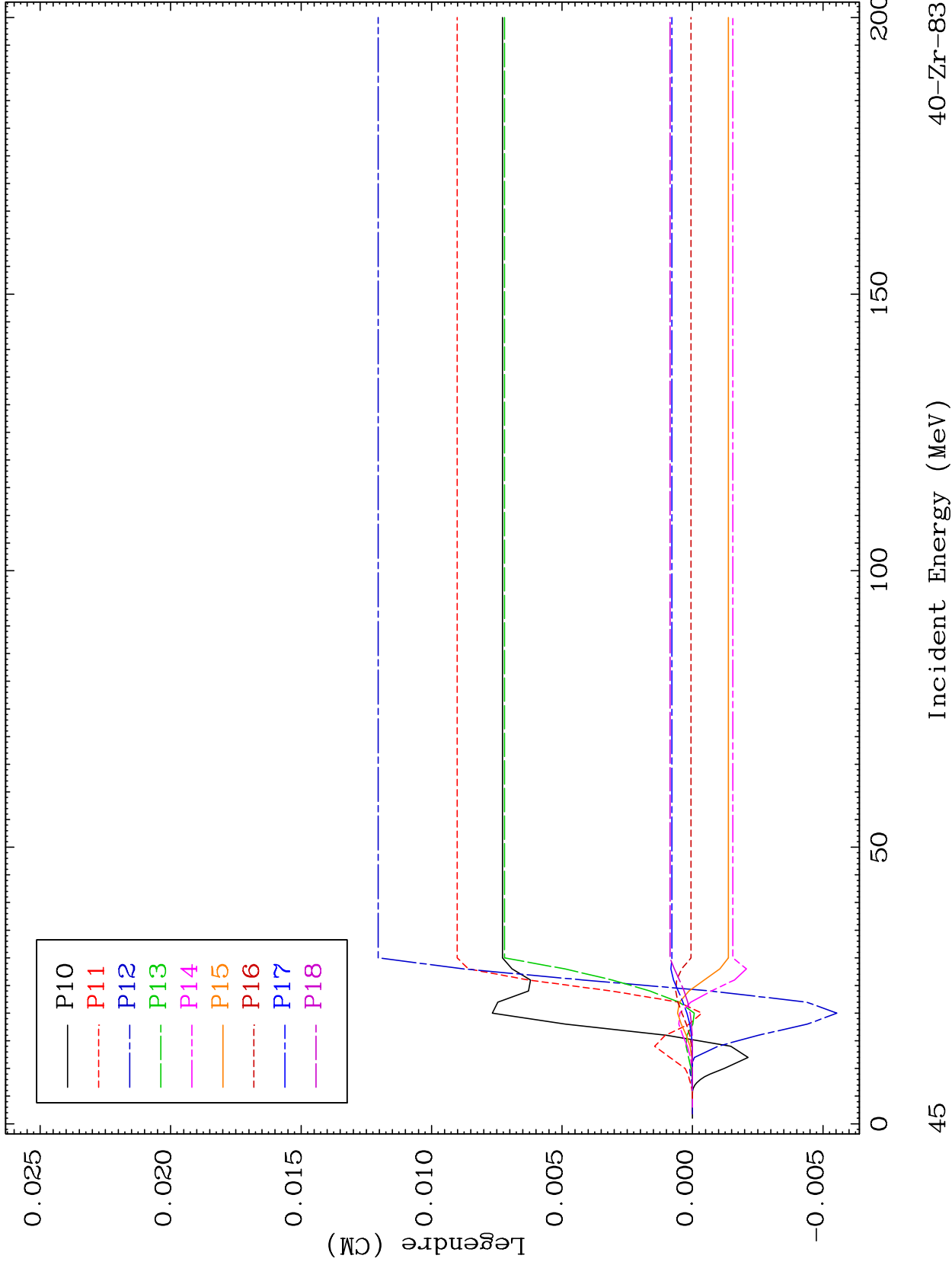




MAT 4004

582.7 keV (n,n') Level
Legendre Coefficients

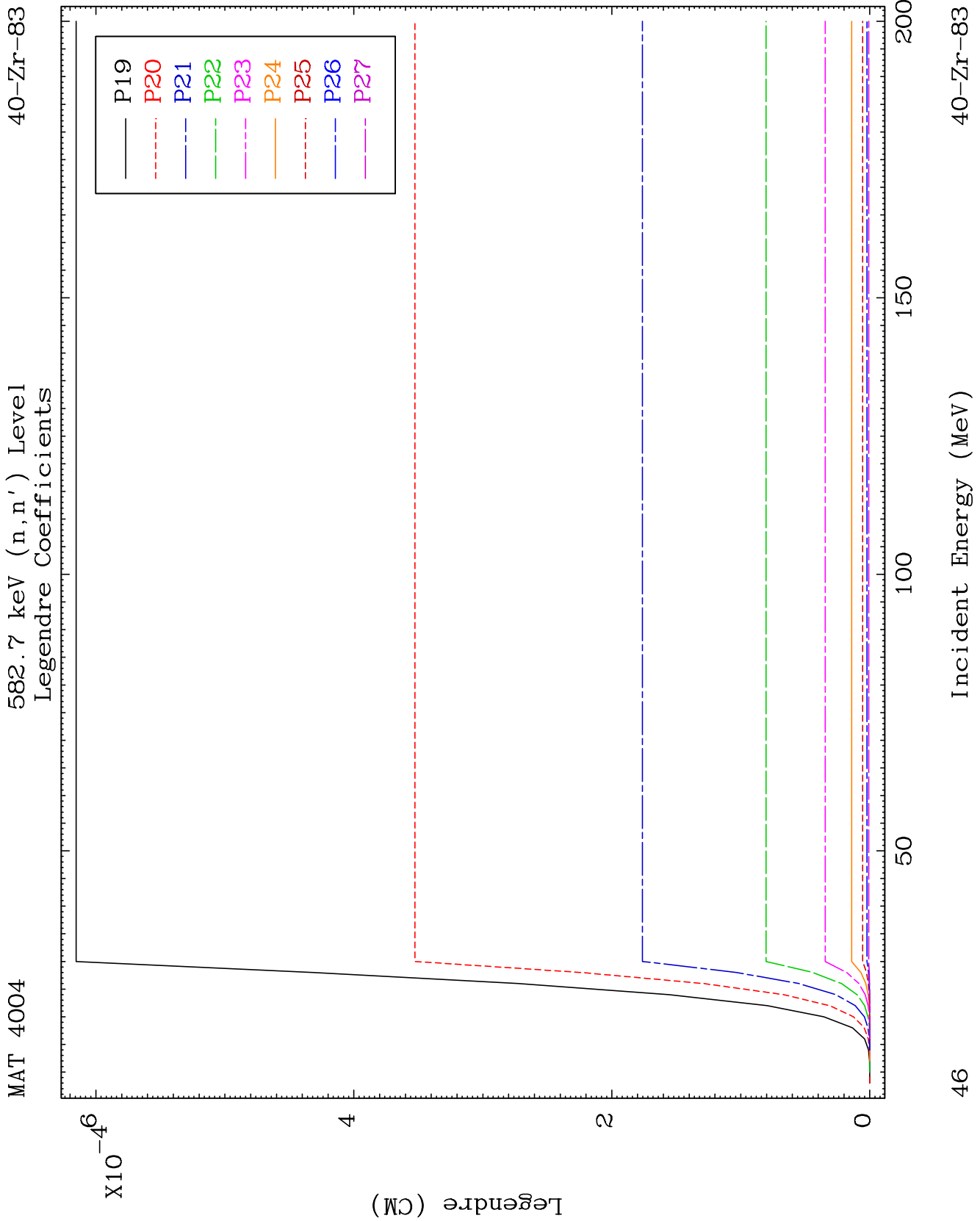
40-Zr-83

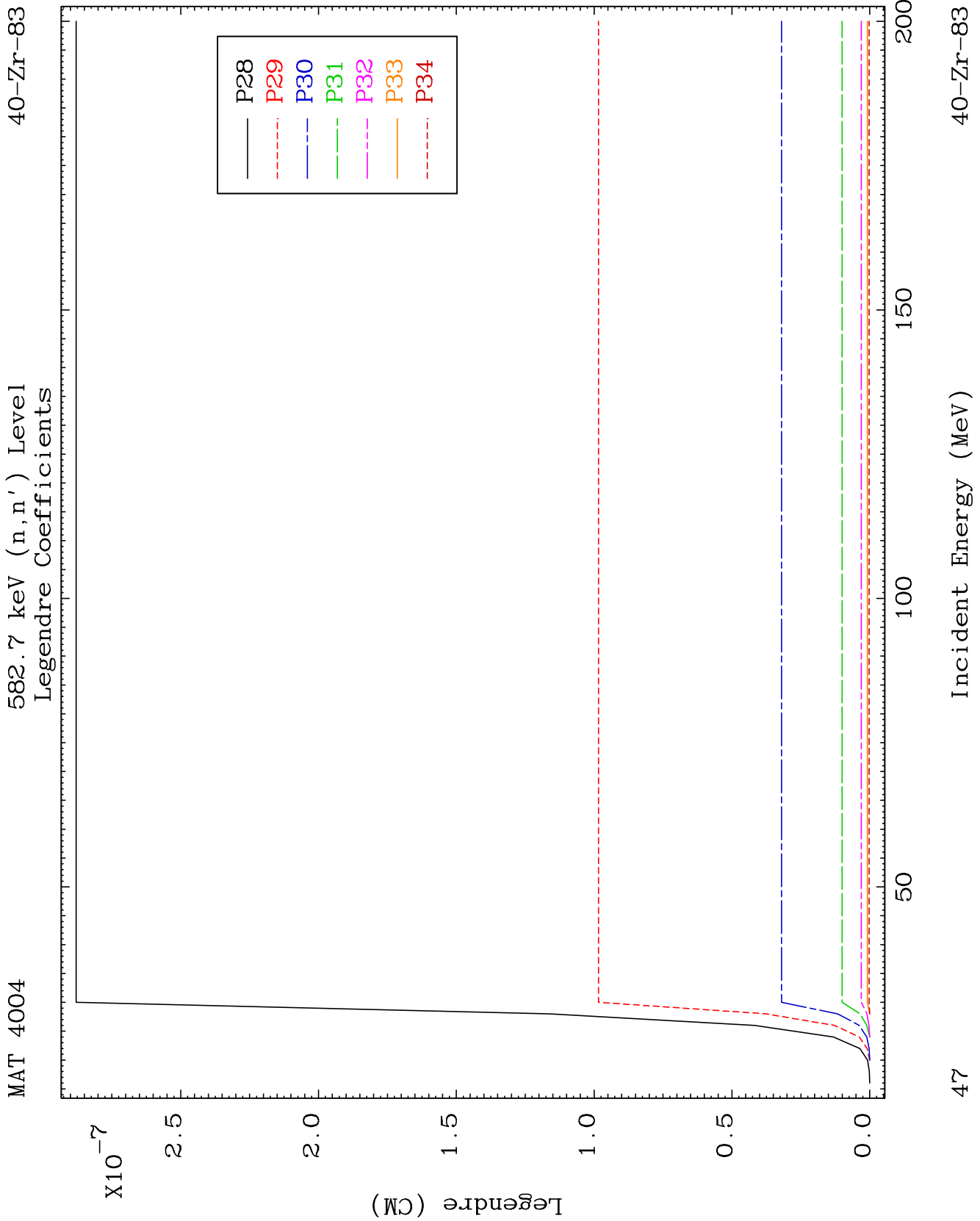


40-Zr-83

Incident Energy (MeV)

45

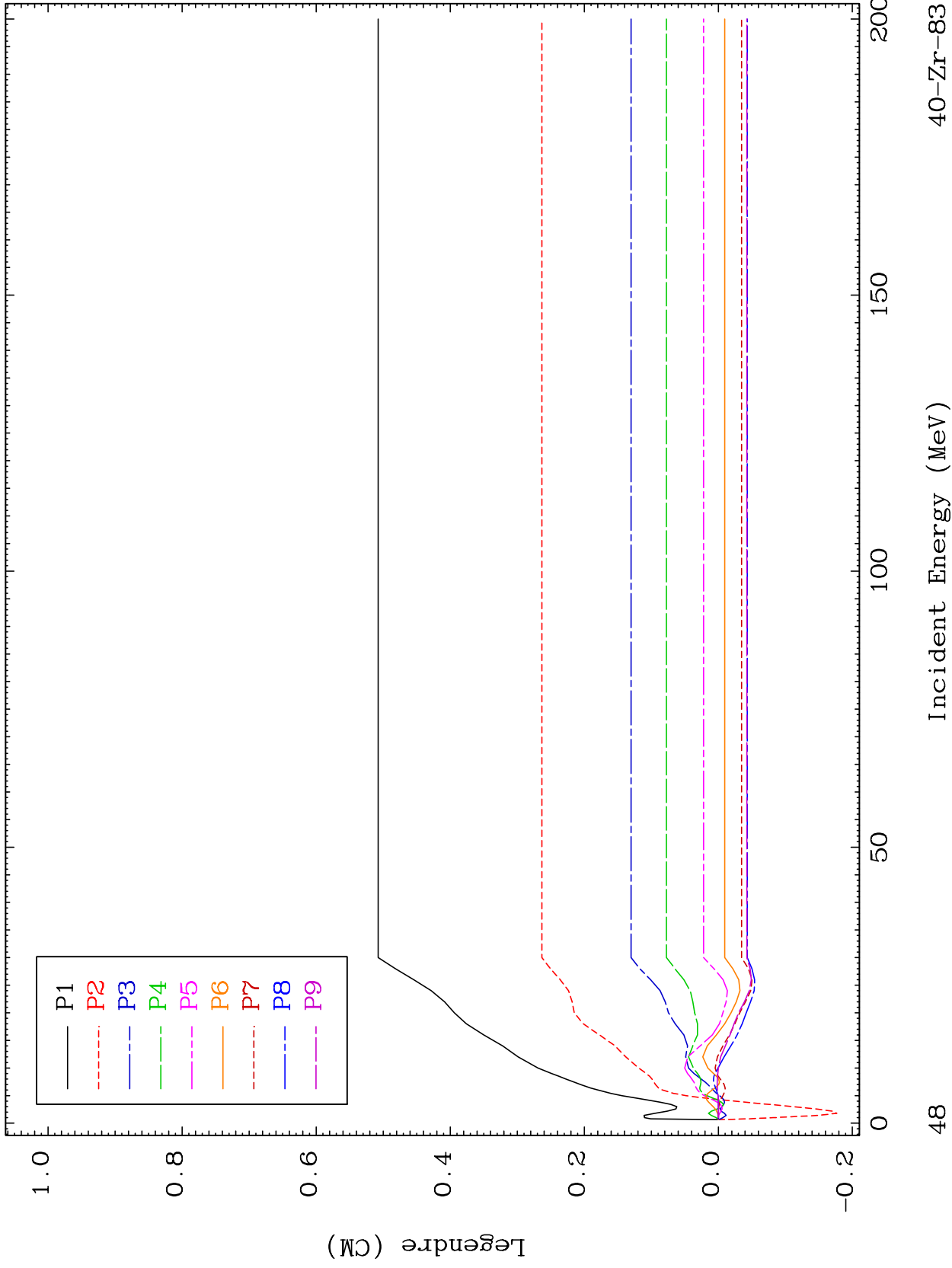




MAT 4004

623.9 keV (n,n') Level
Legendre Coefficients

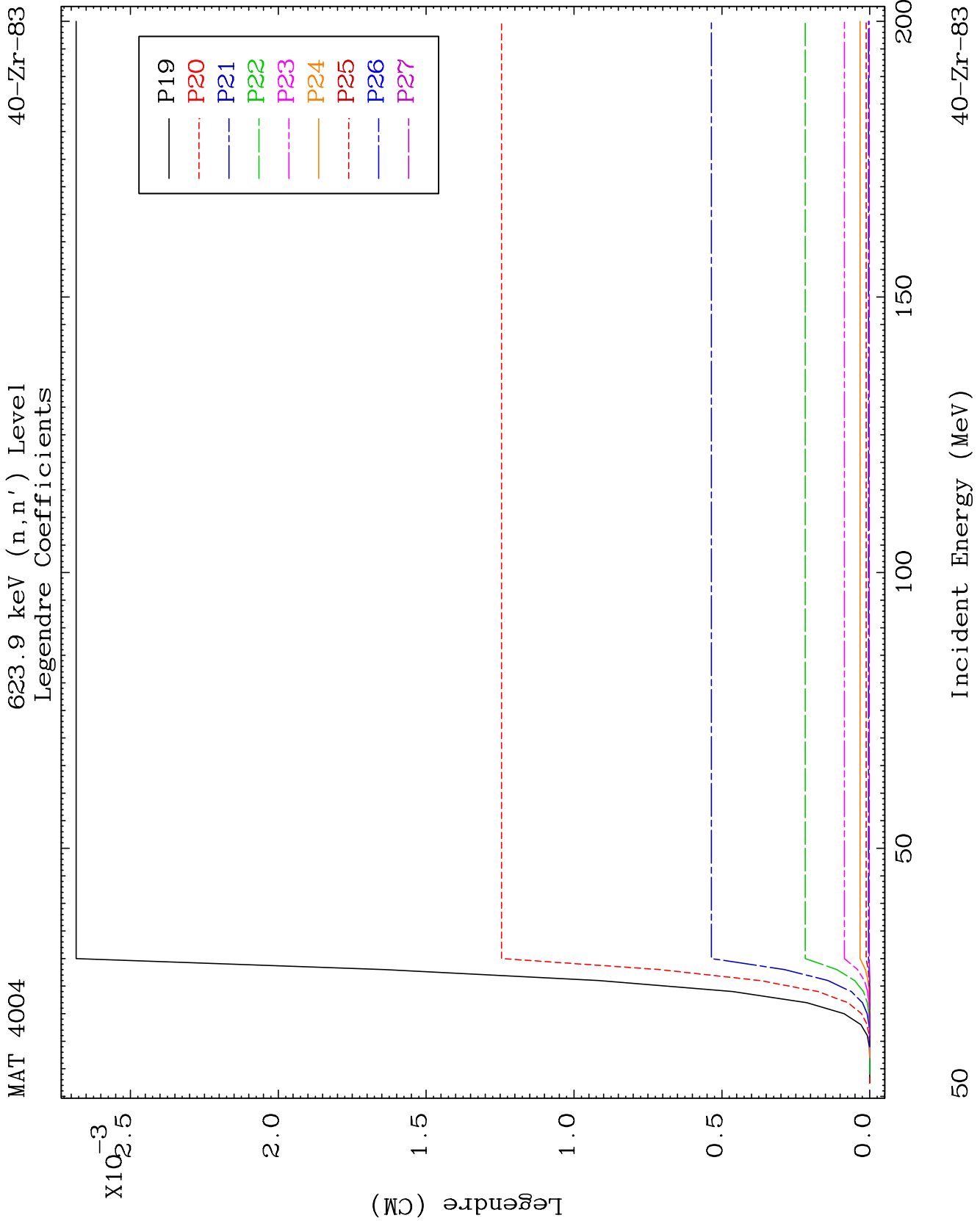
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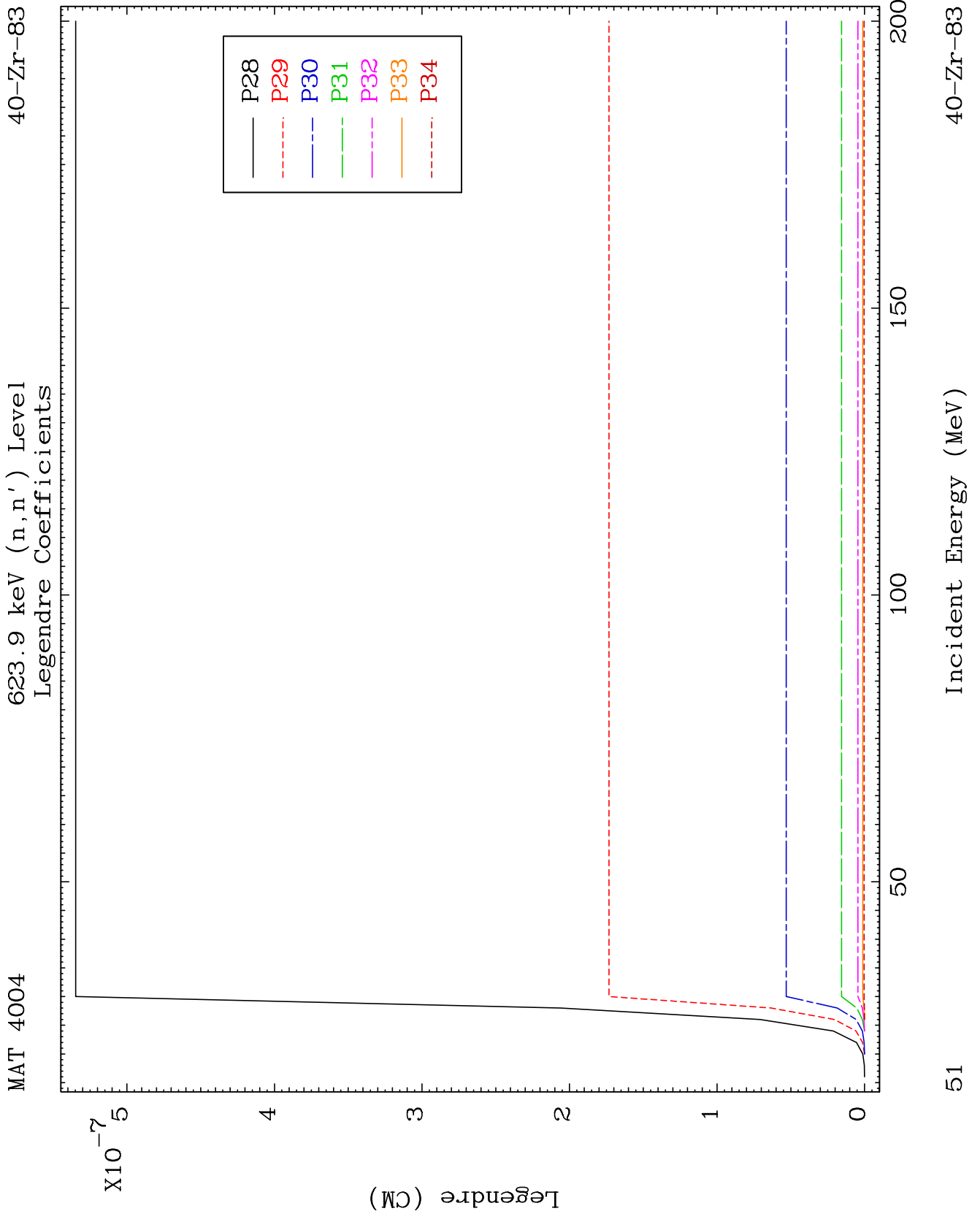


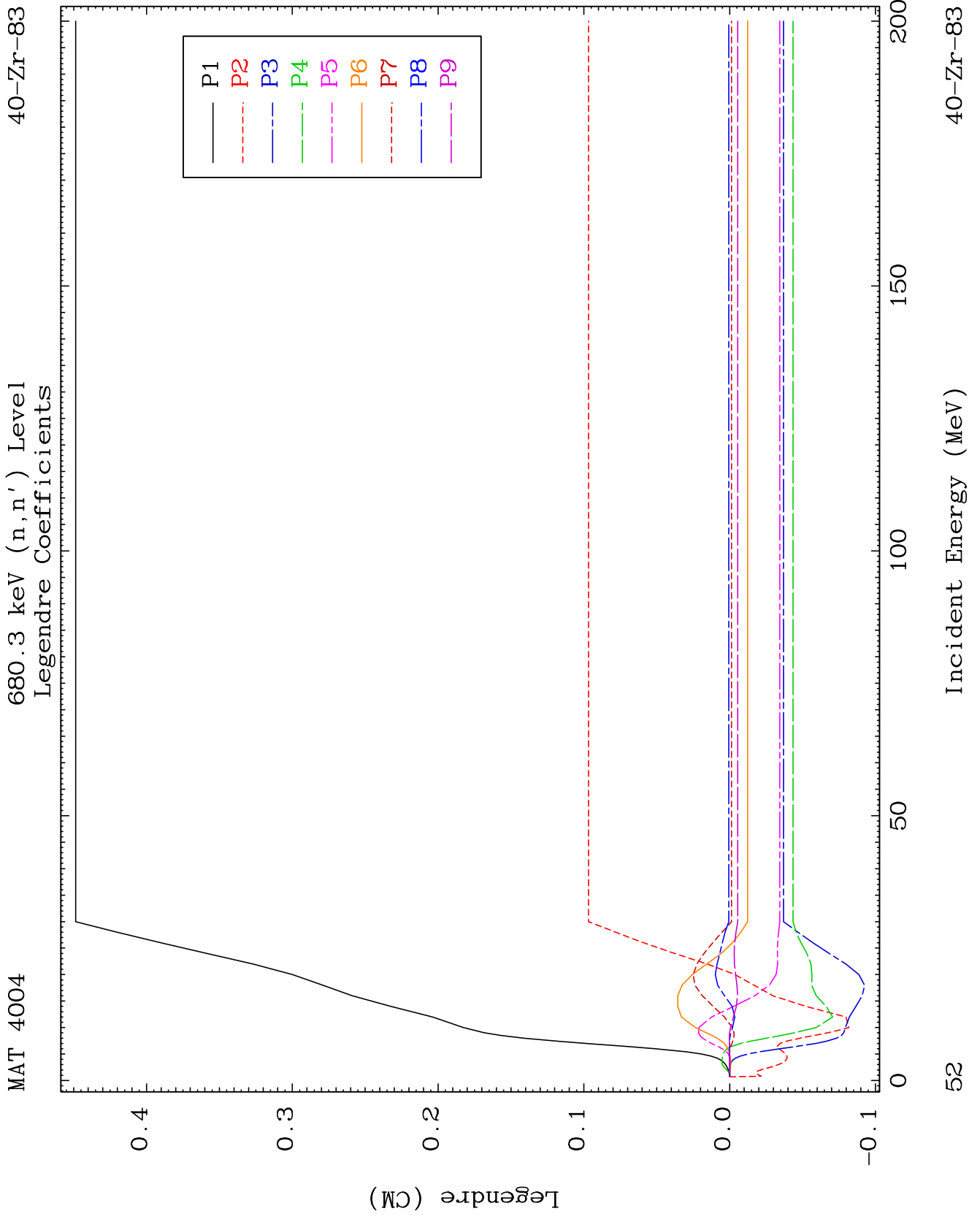
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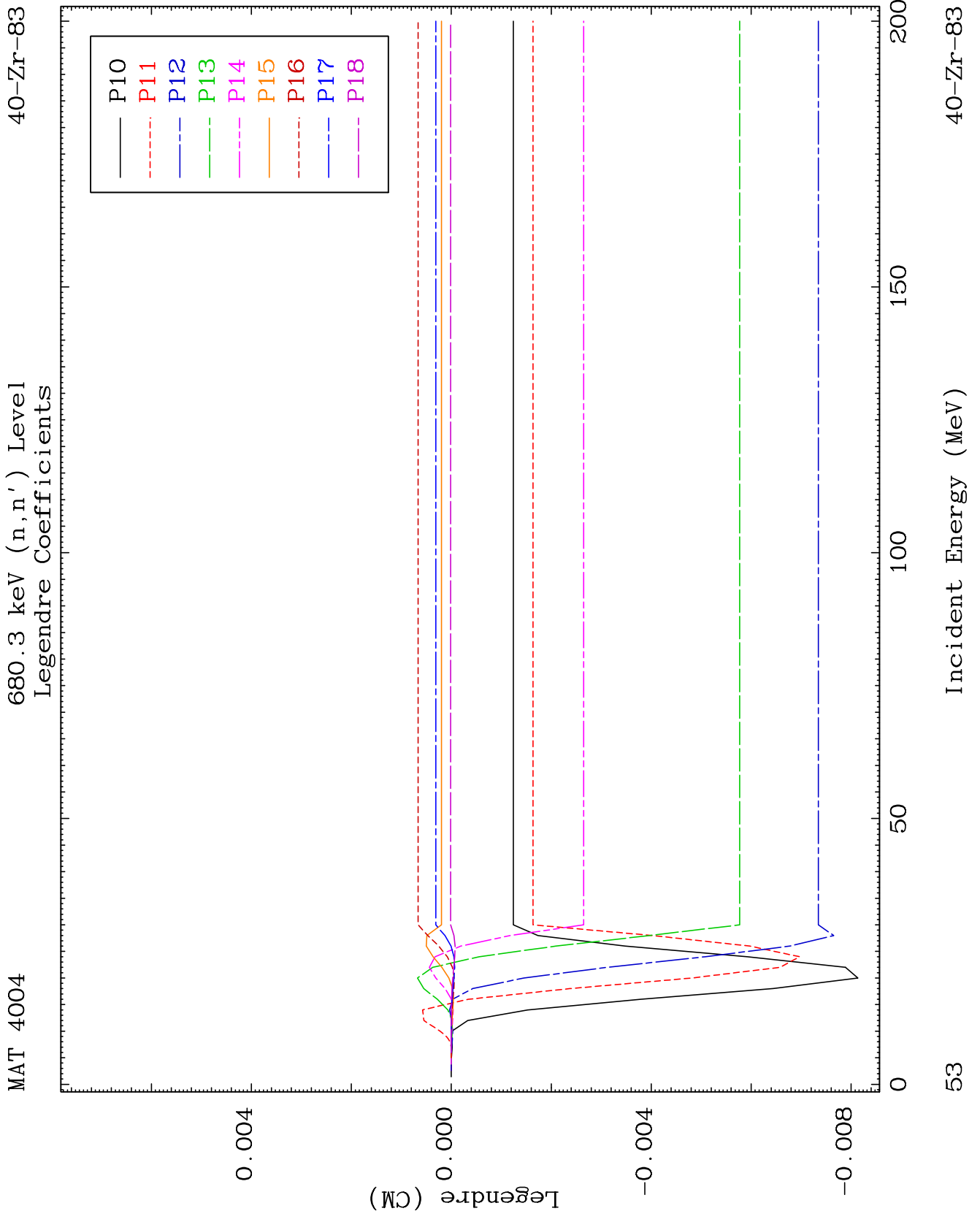
Incident Energy (MeV)

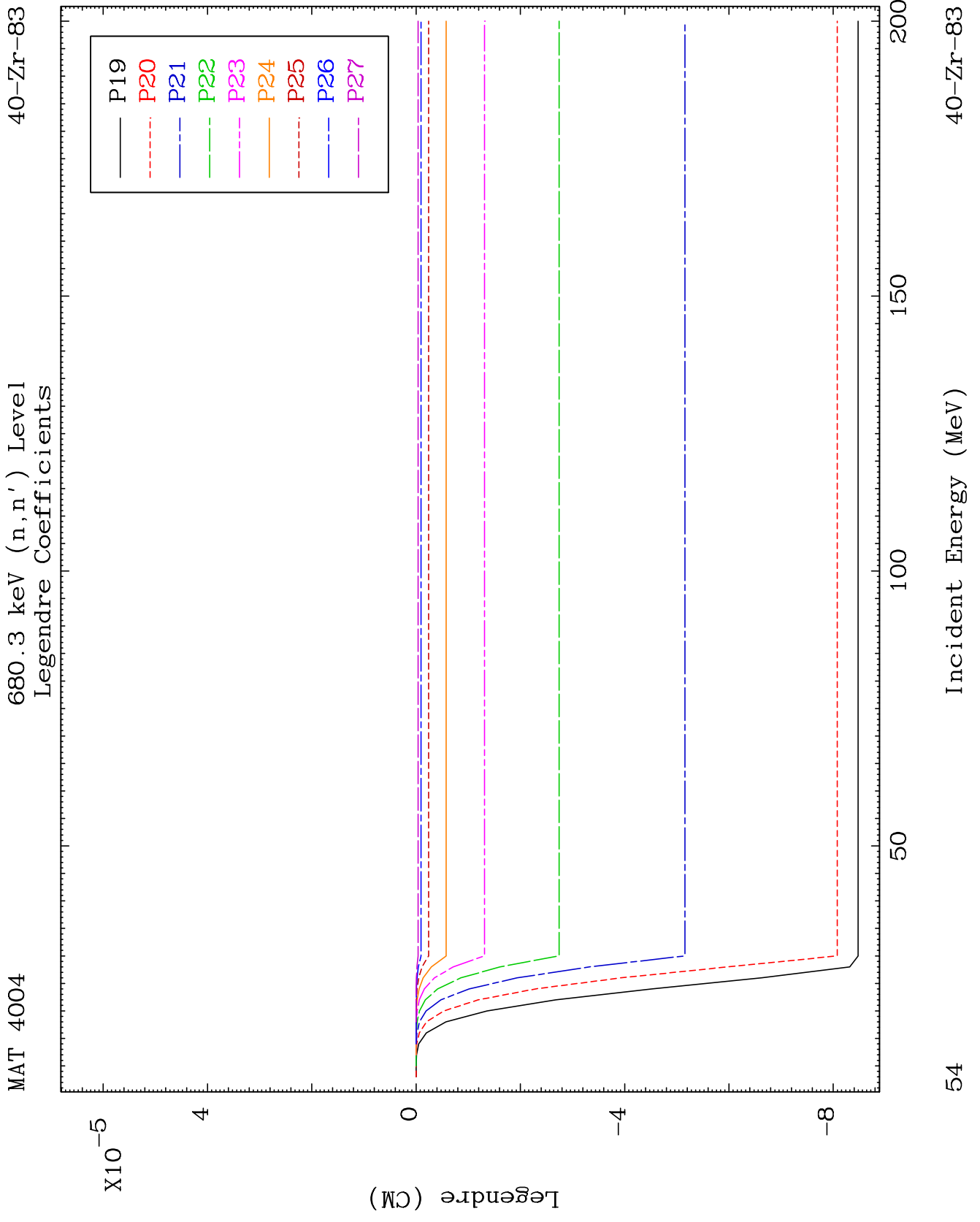
48

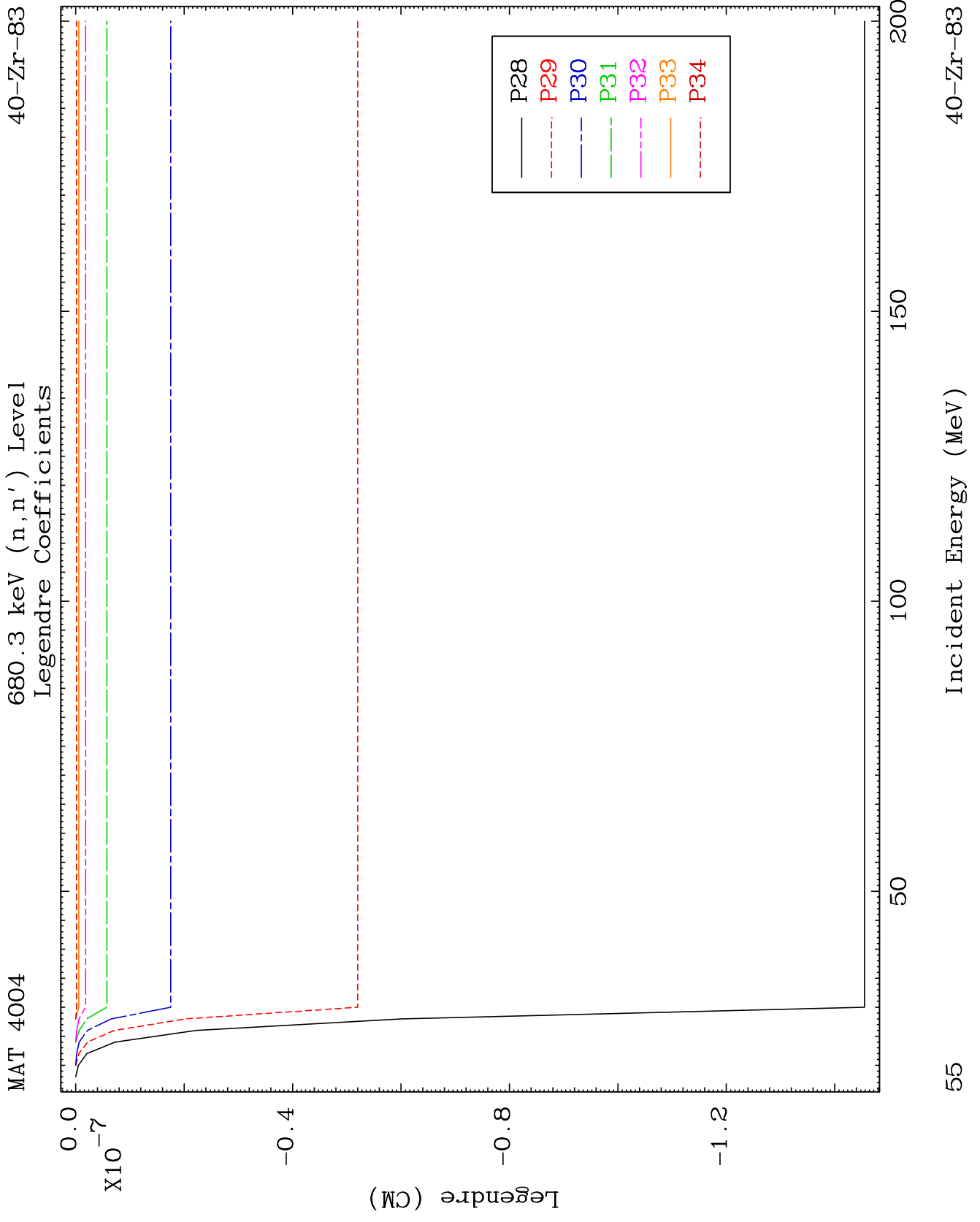


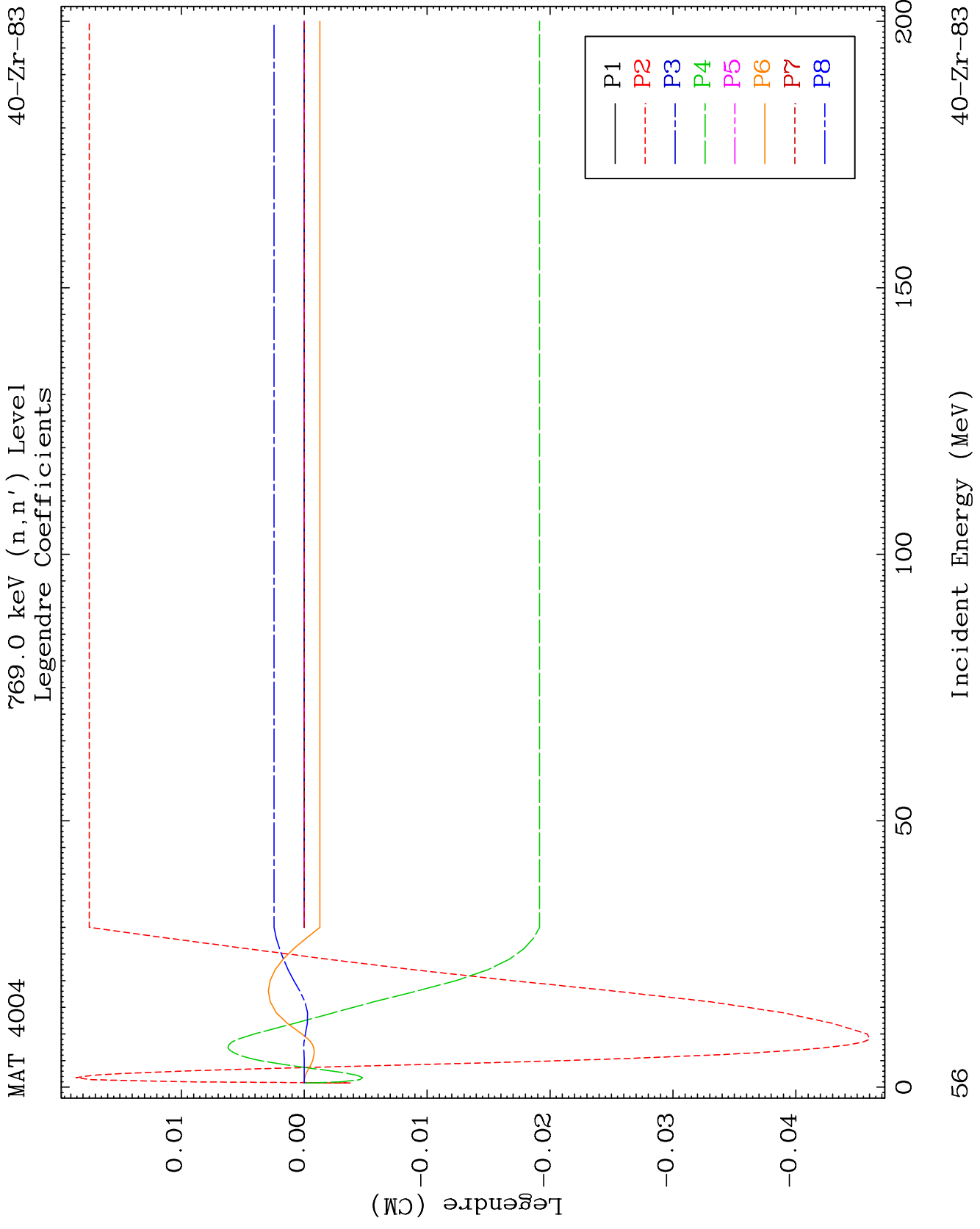


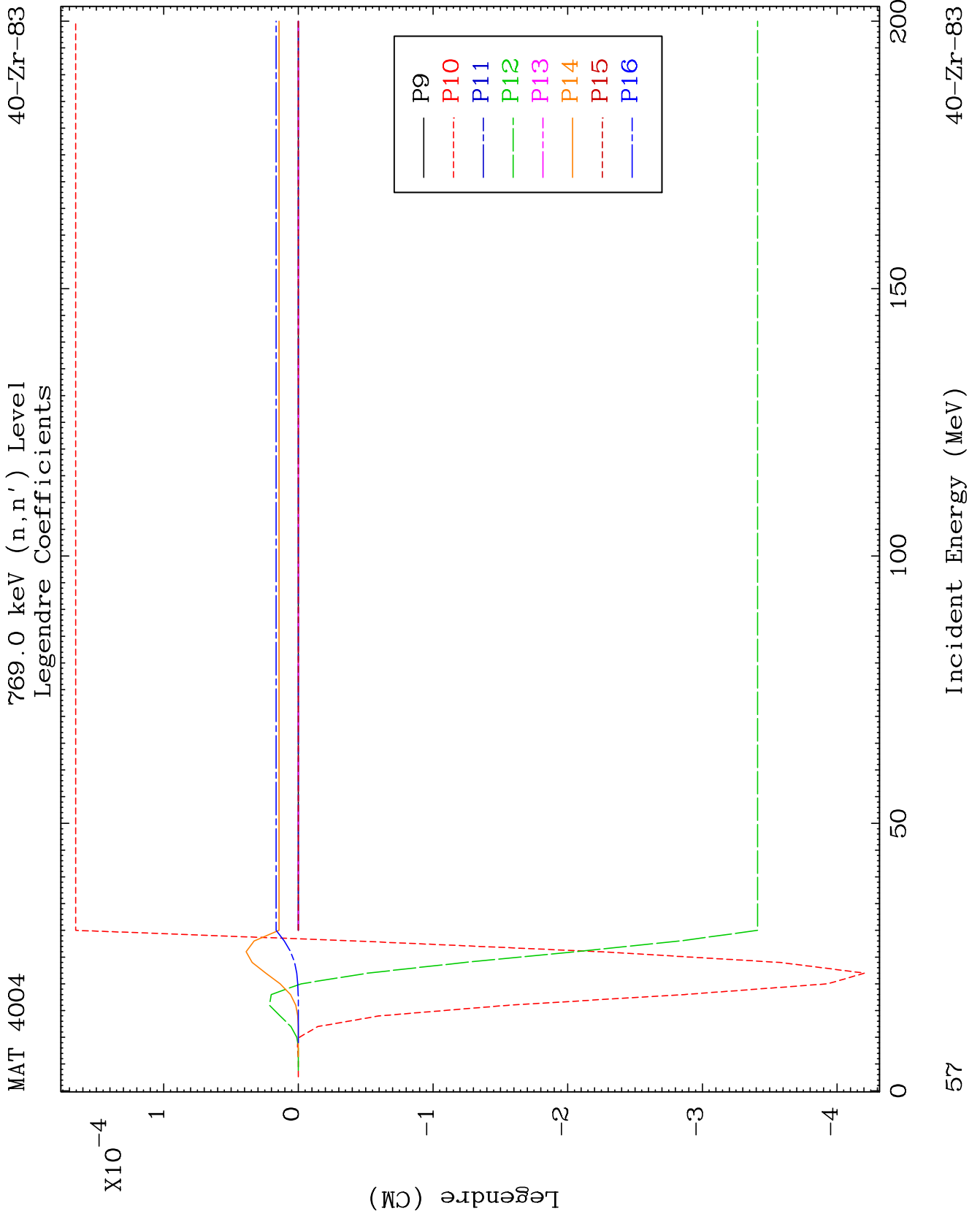


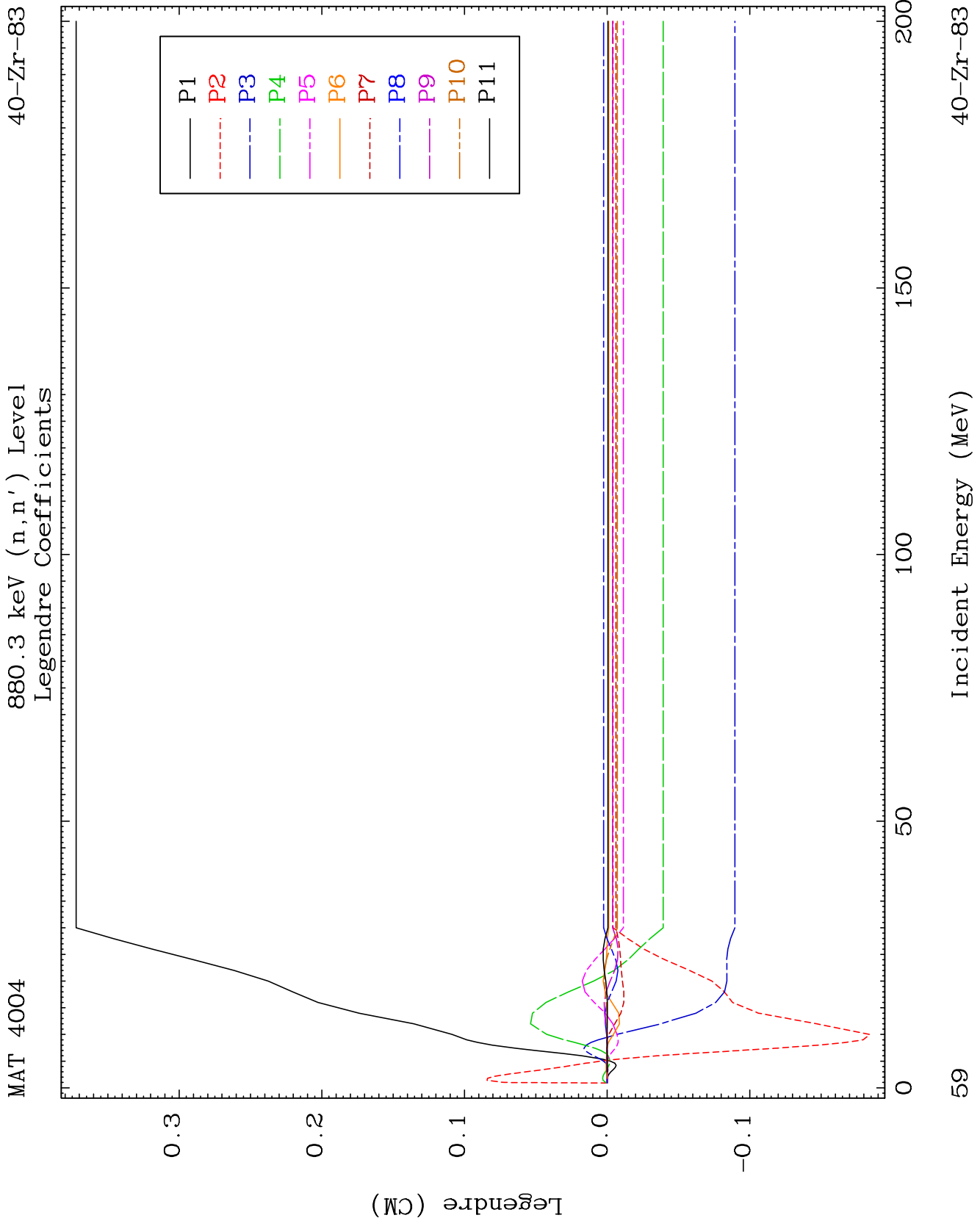


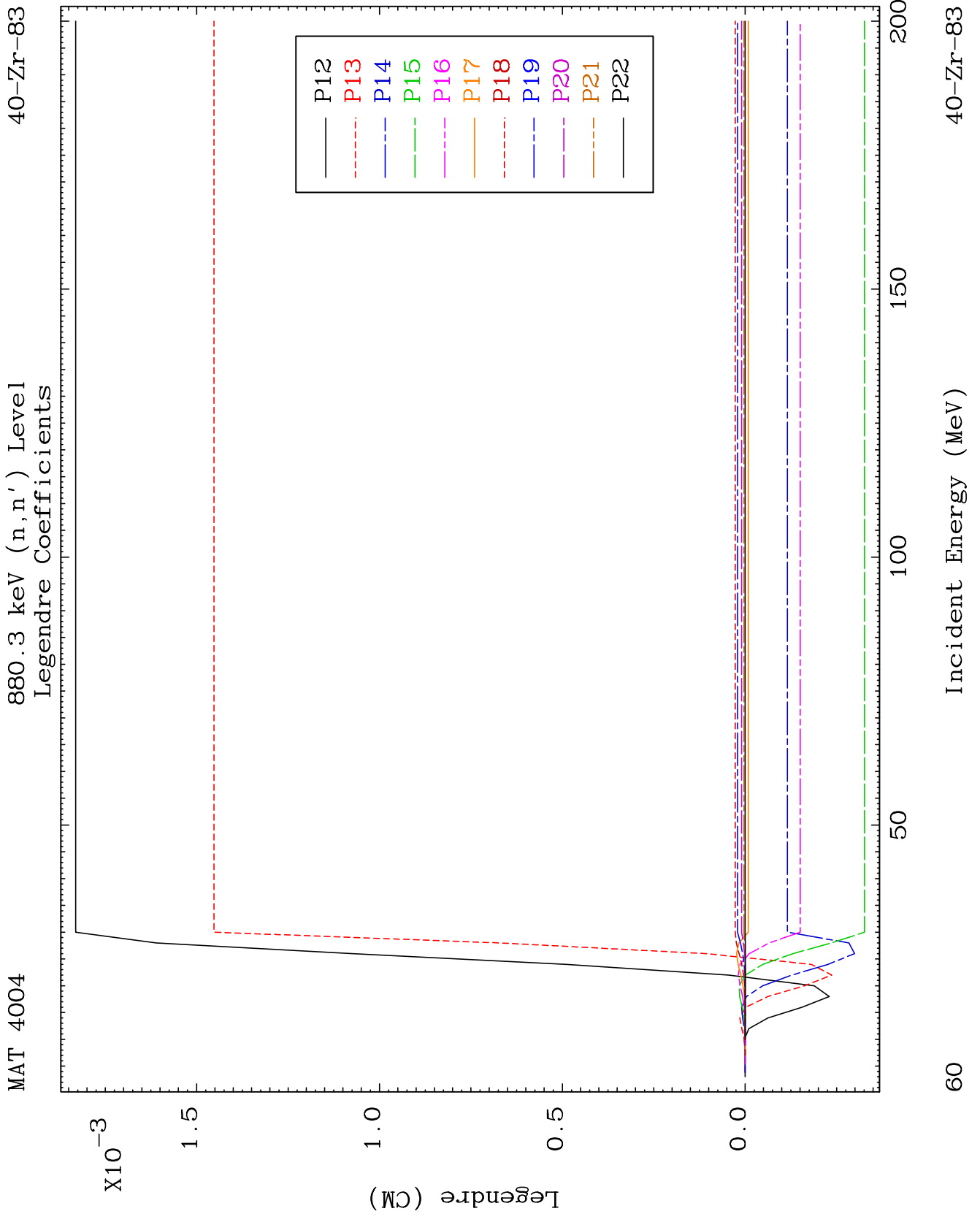


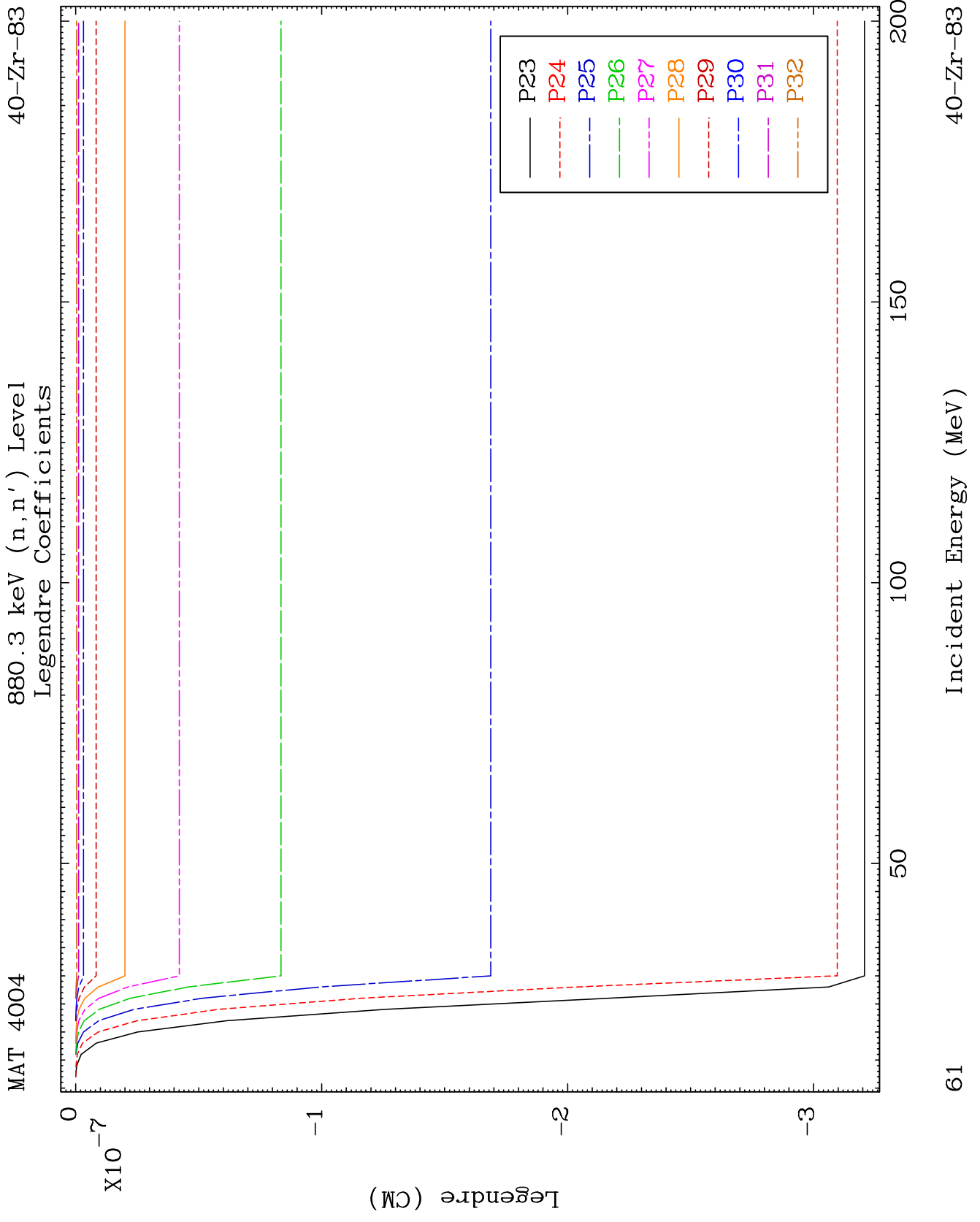


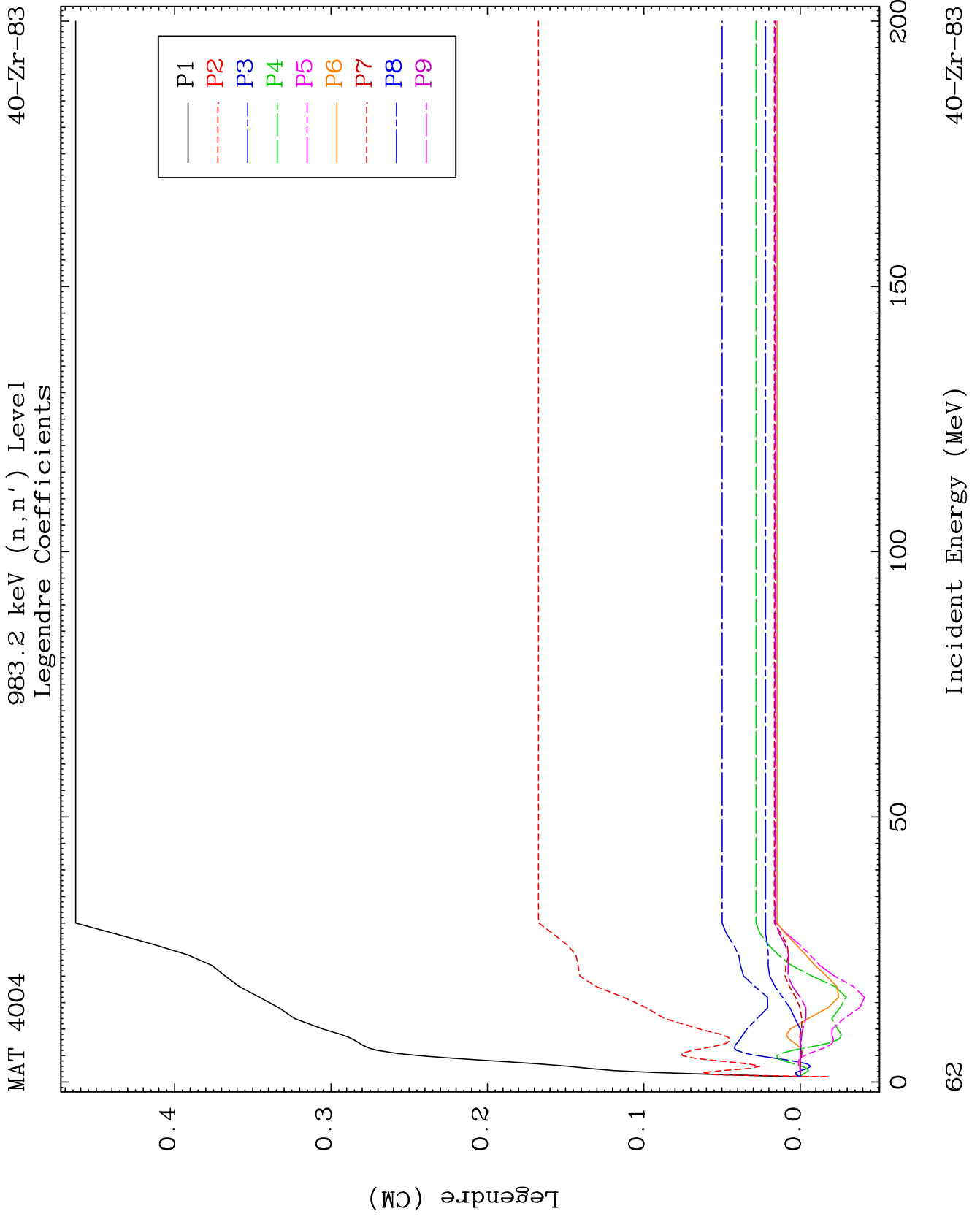








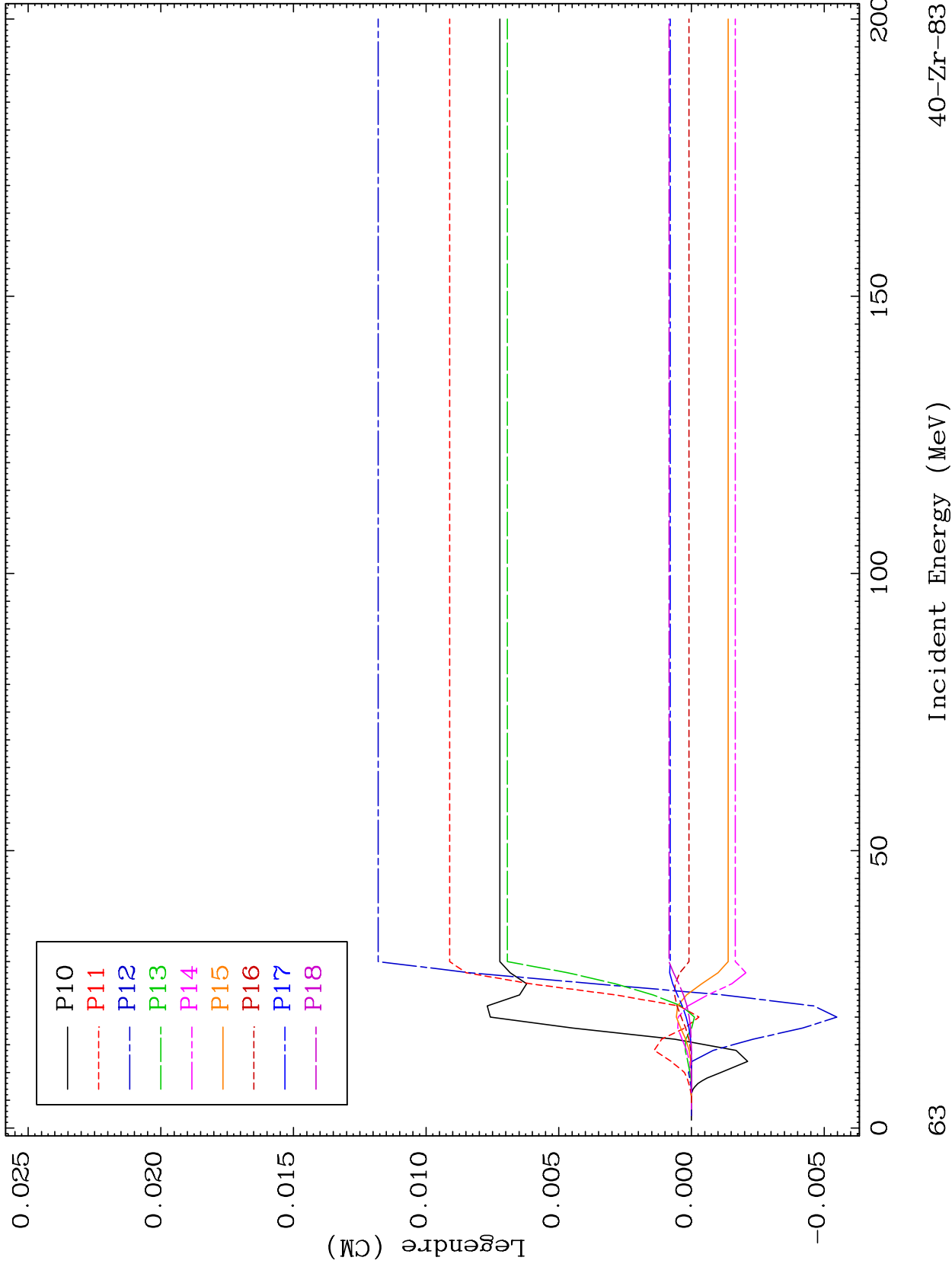




MAT 4004

983.2 keV (n,n') Level
Legendre Coefficients

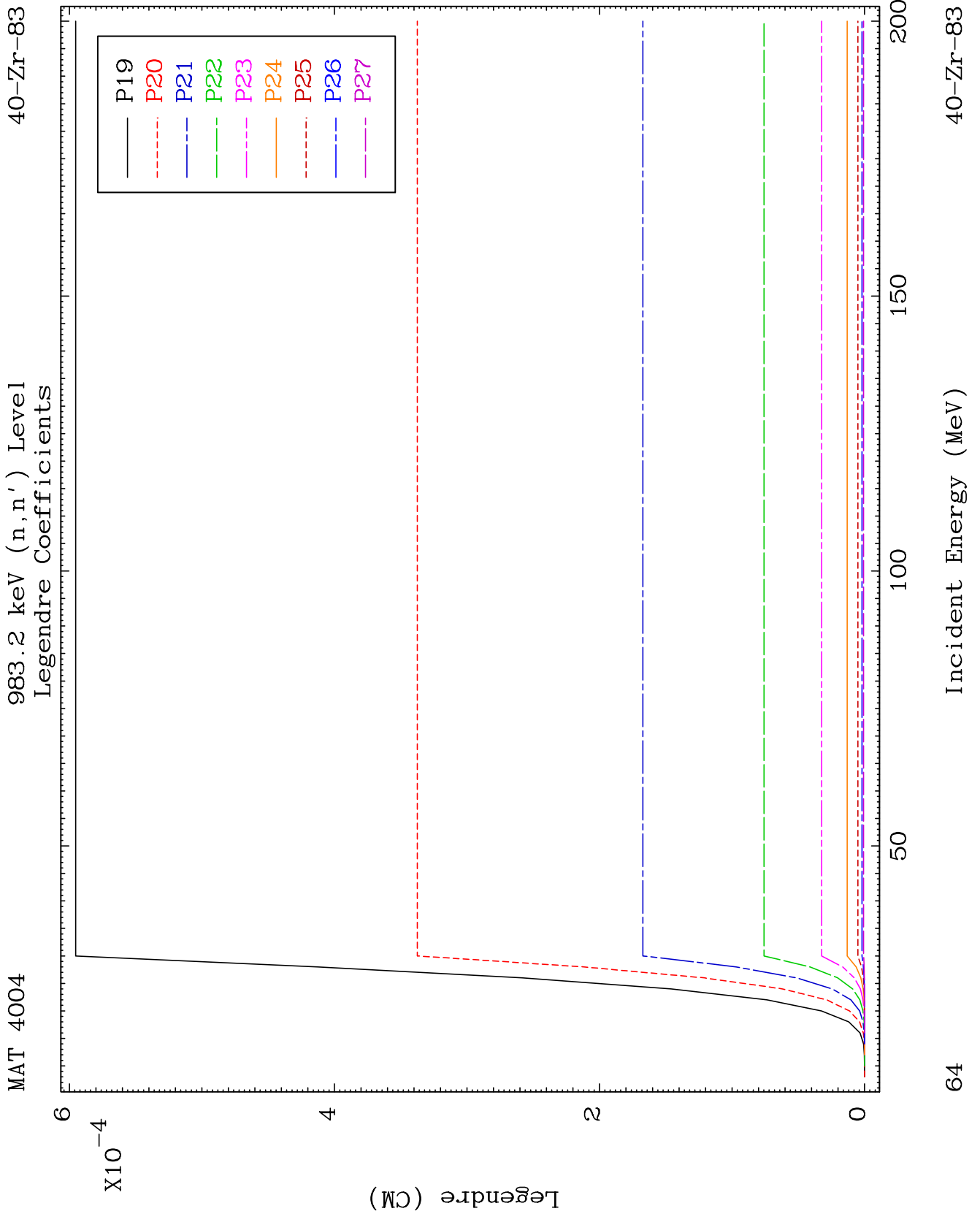
40-Zr-83

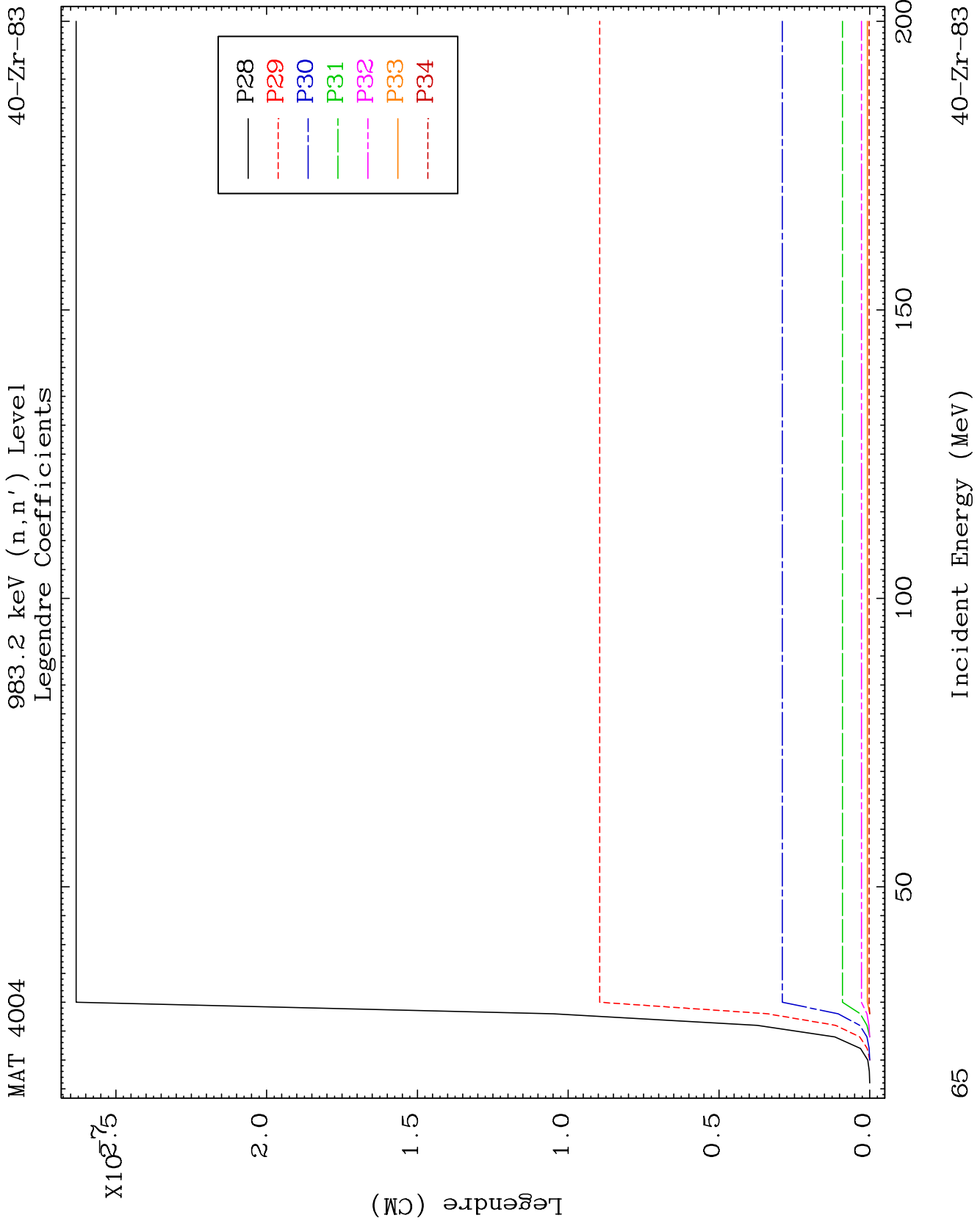


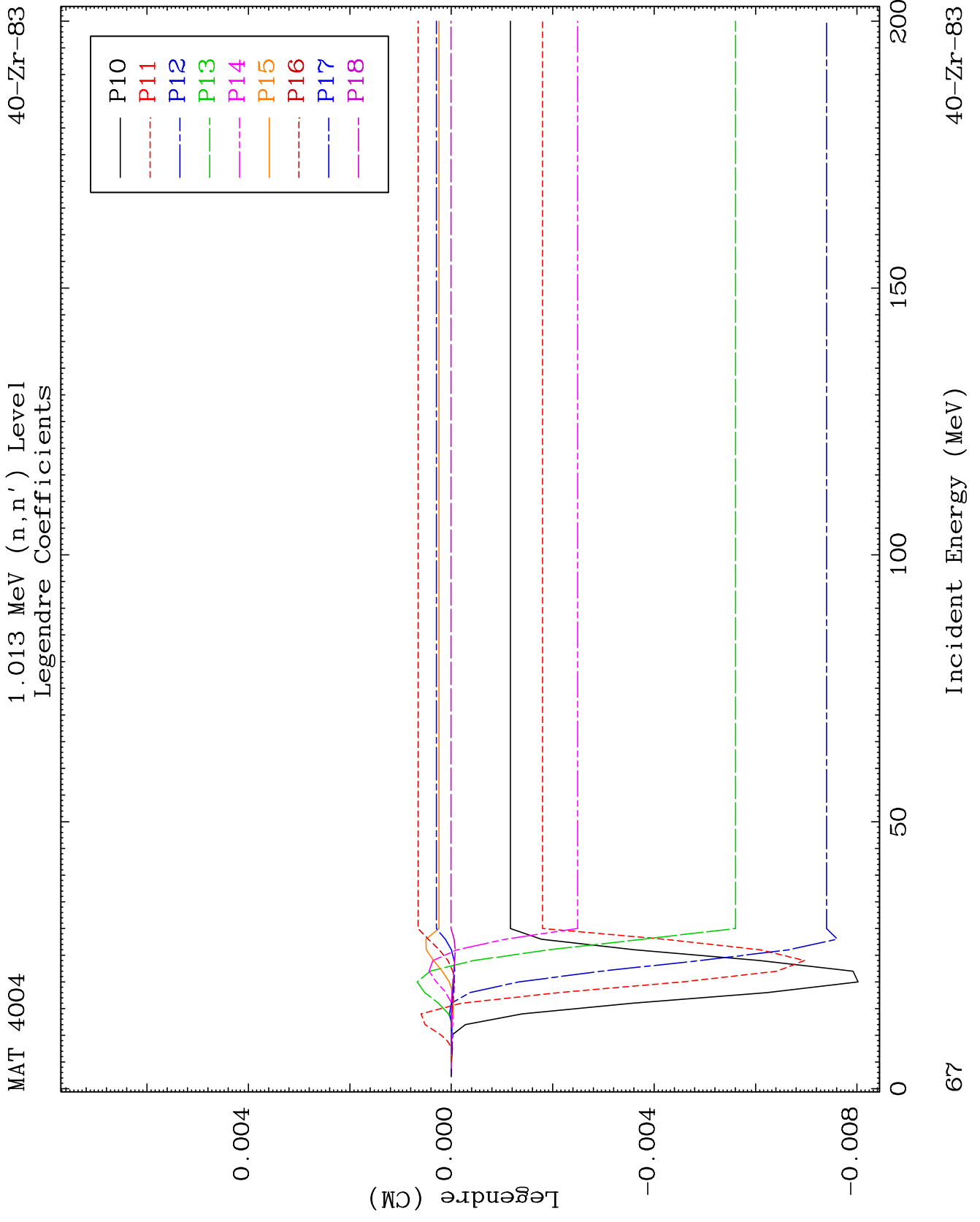
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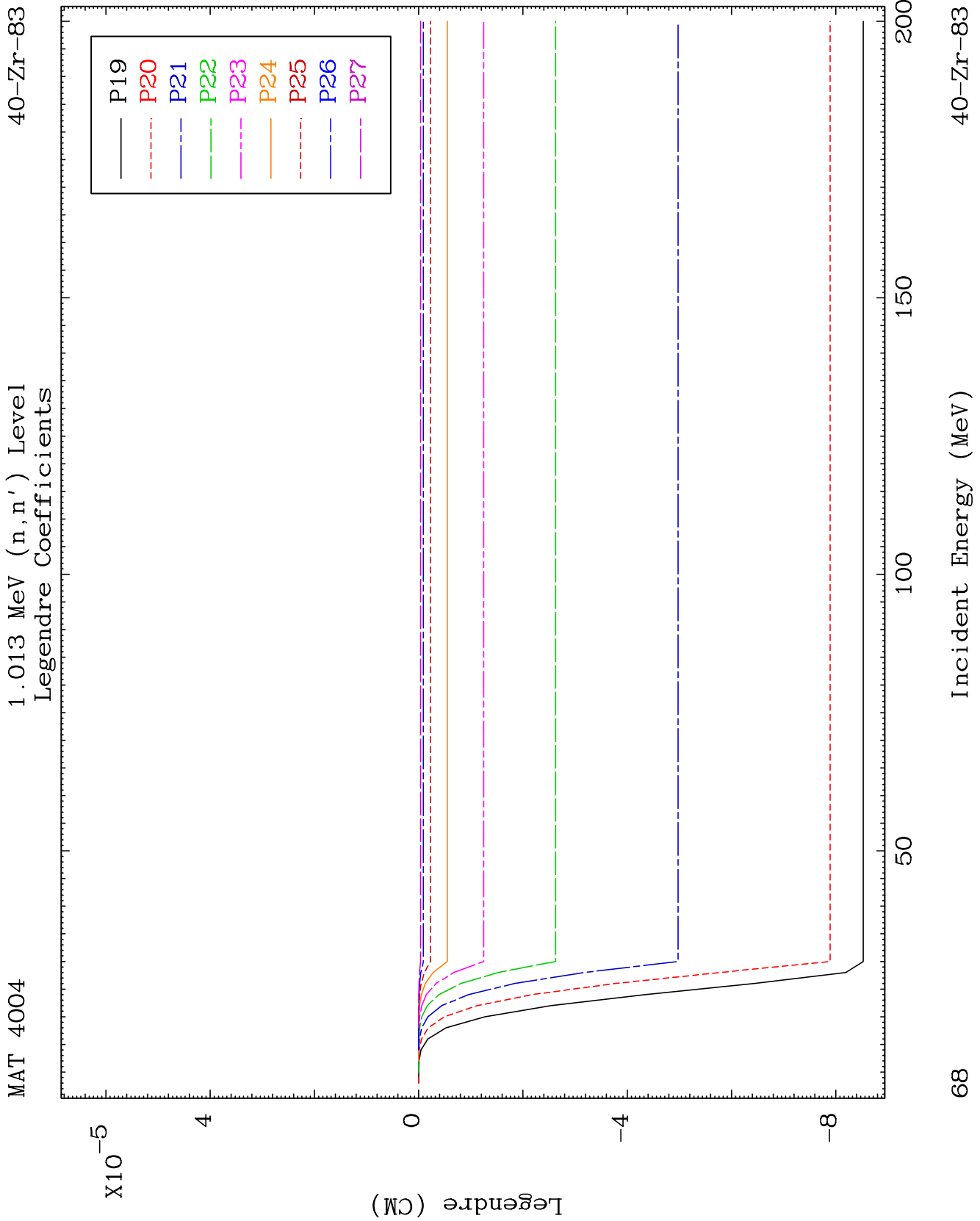
Incident Energy (MeV)

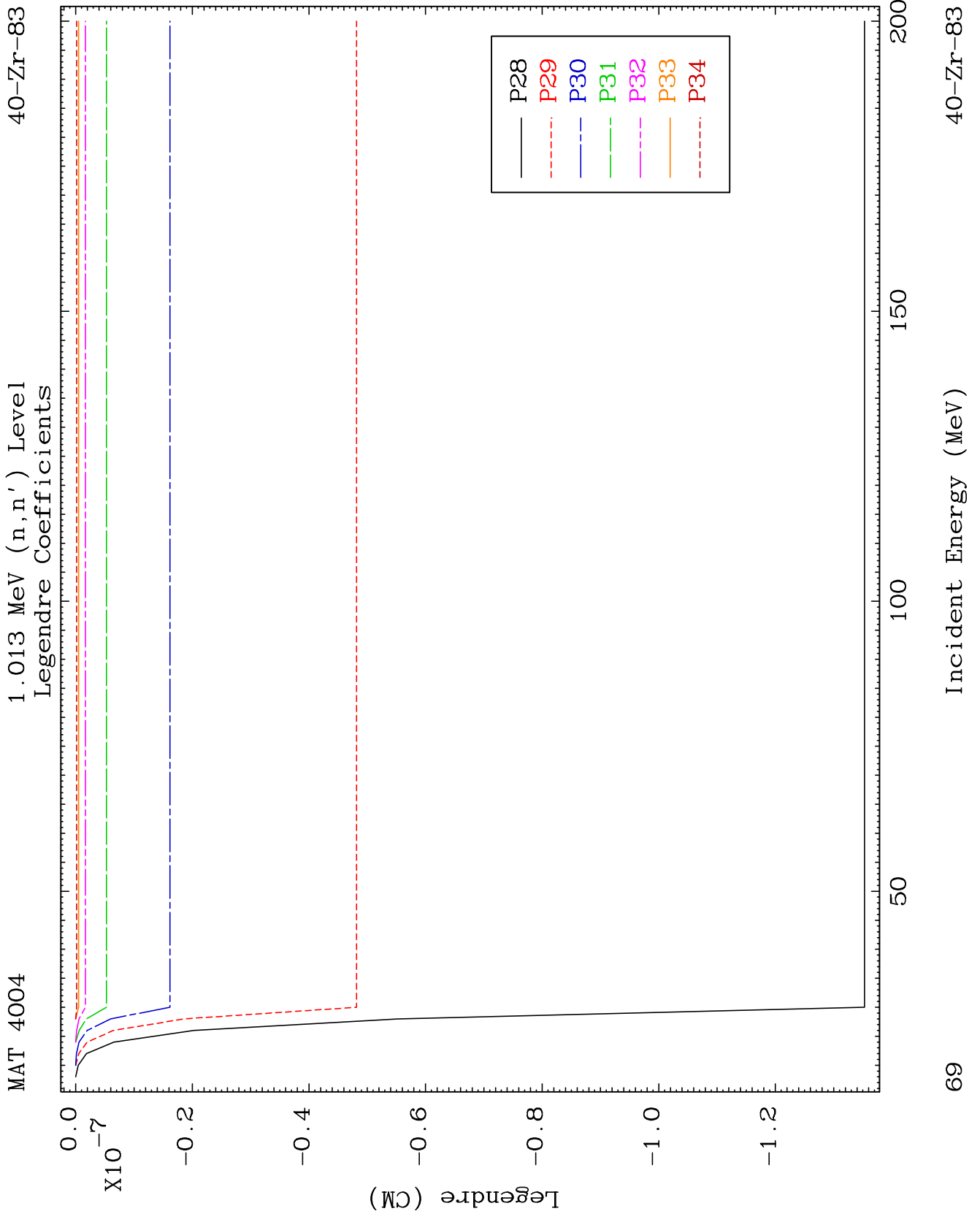
63







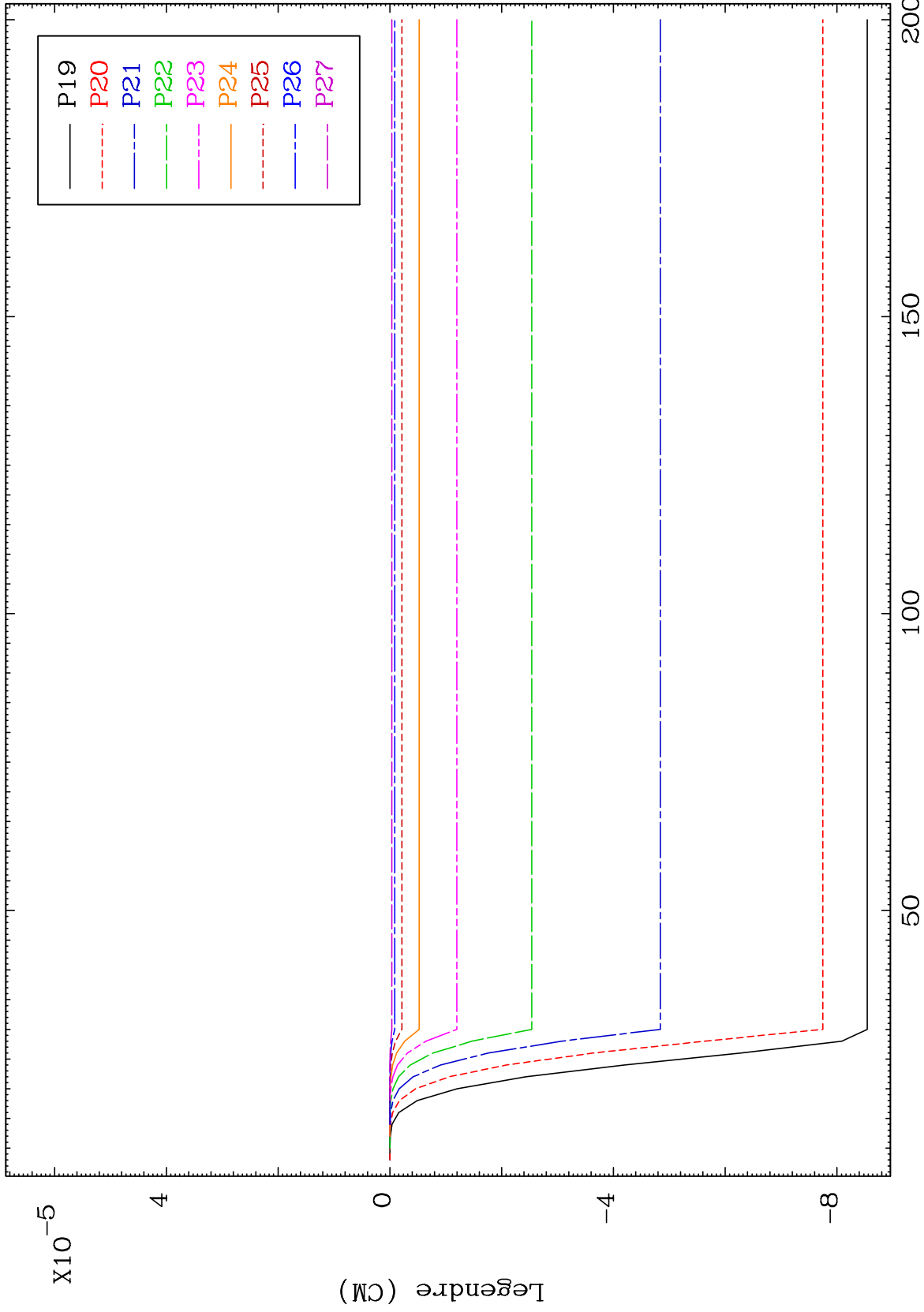




MAT 4004

1.262 MeV (n,n') Level
Legendre Coefficients

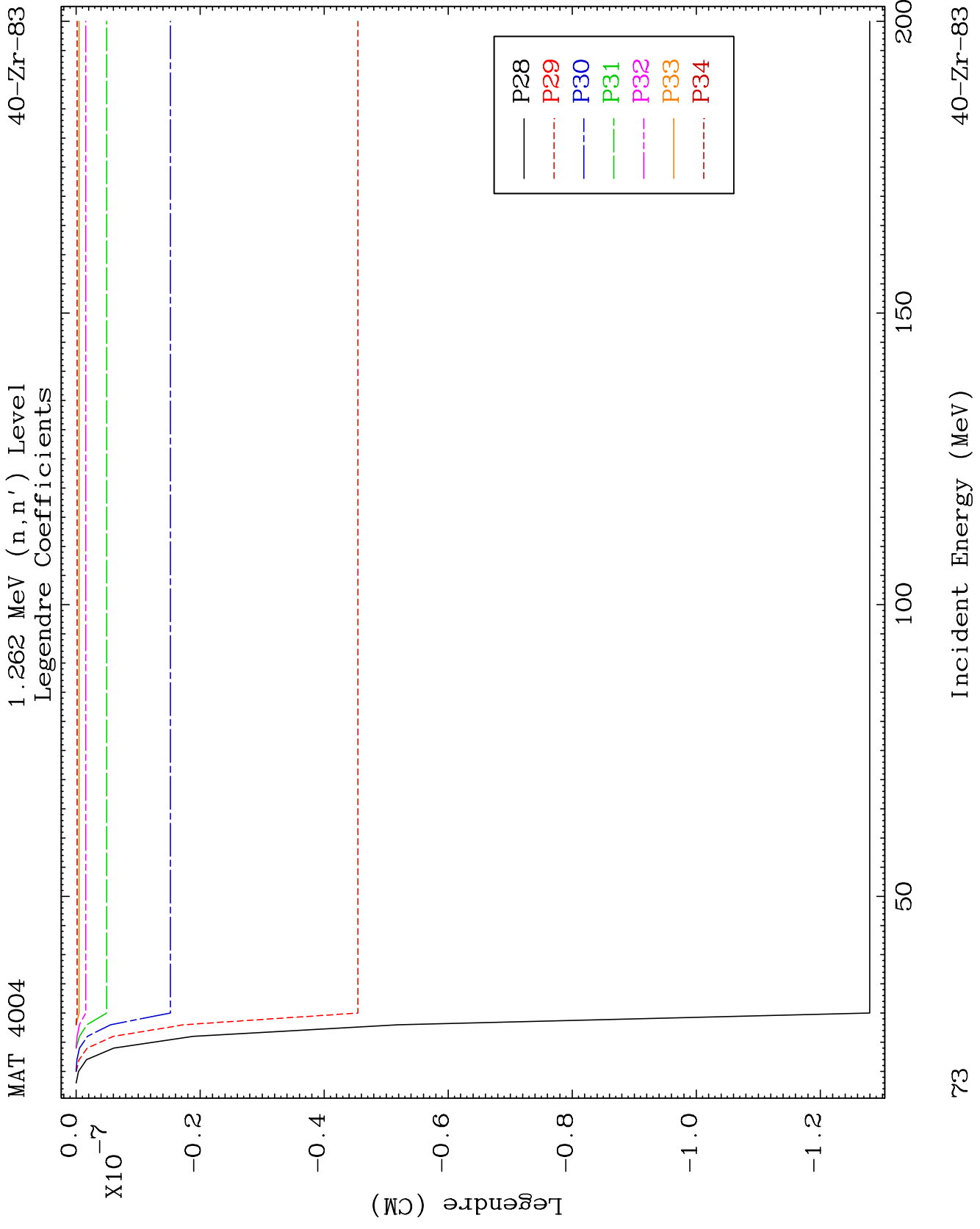
40-Zr-83

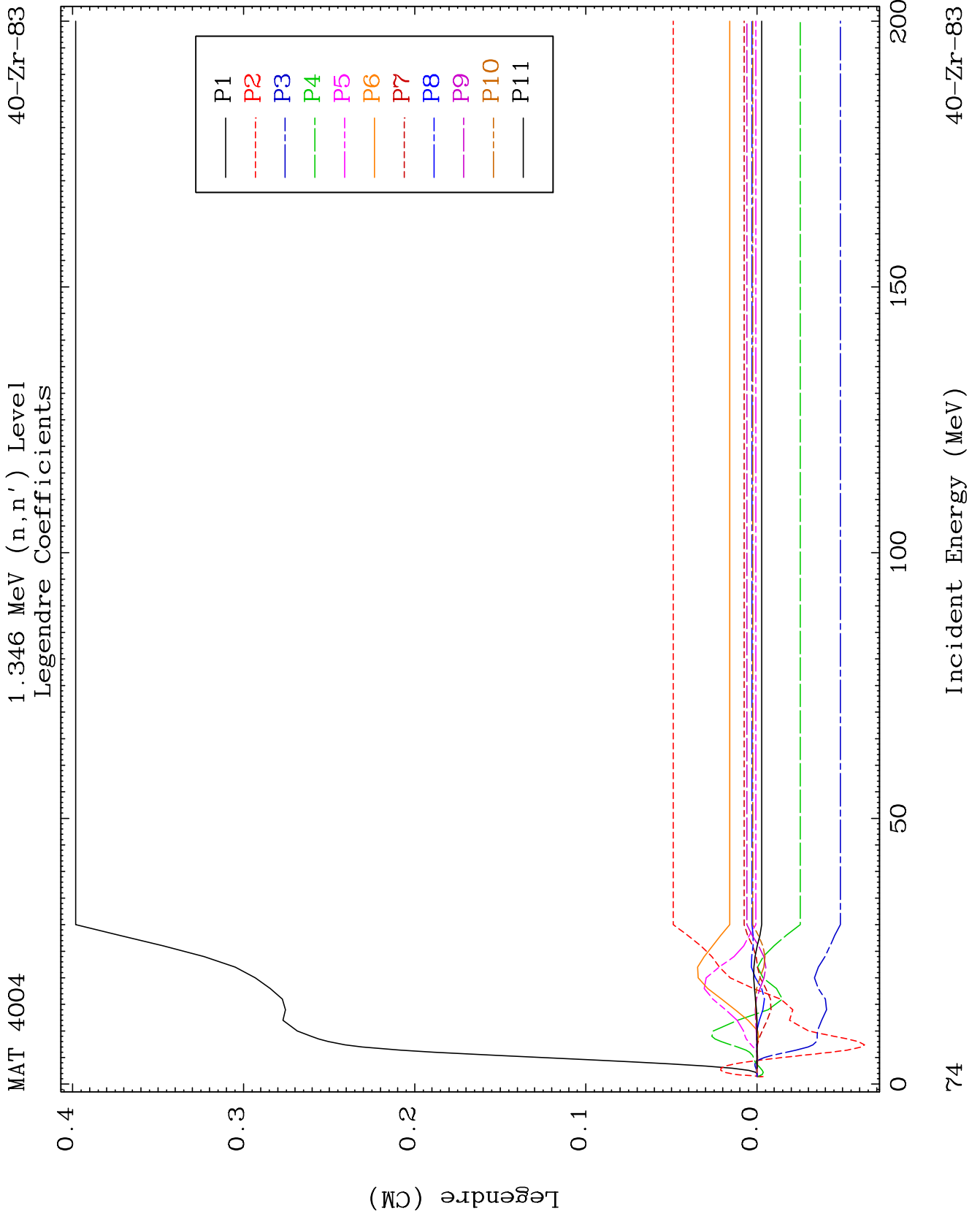


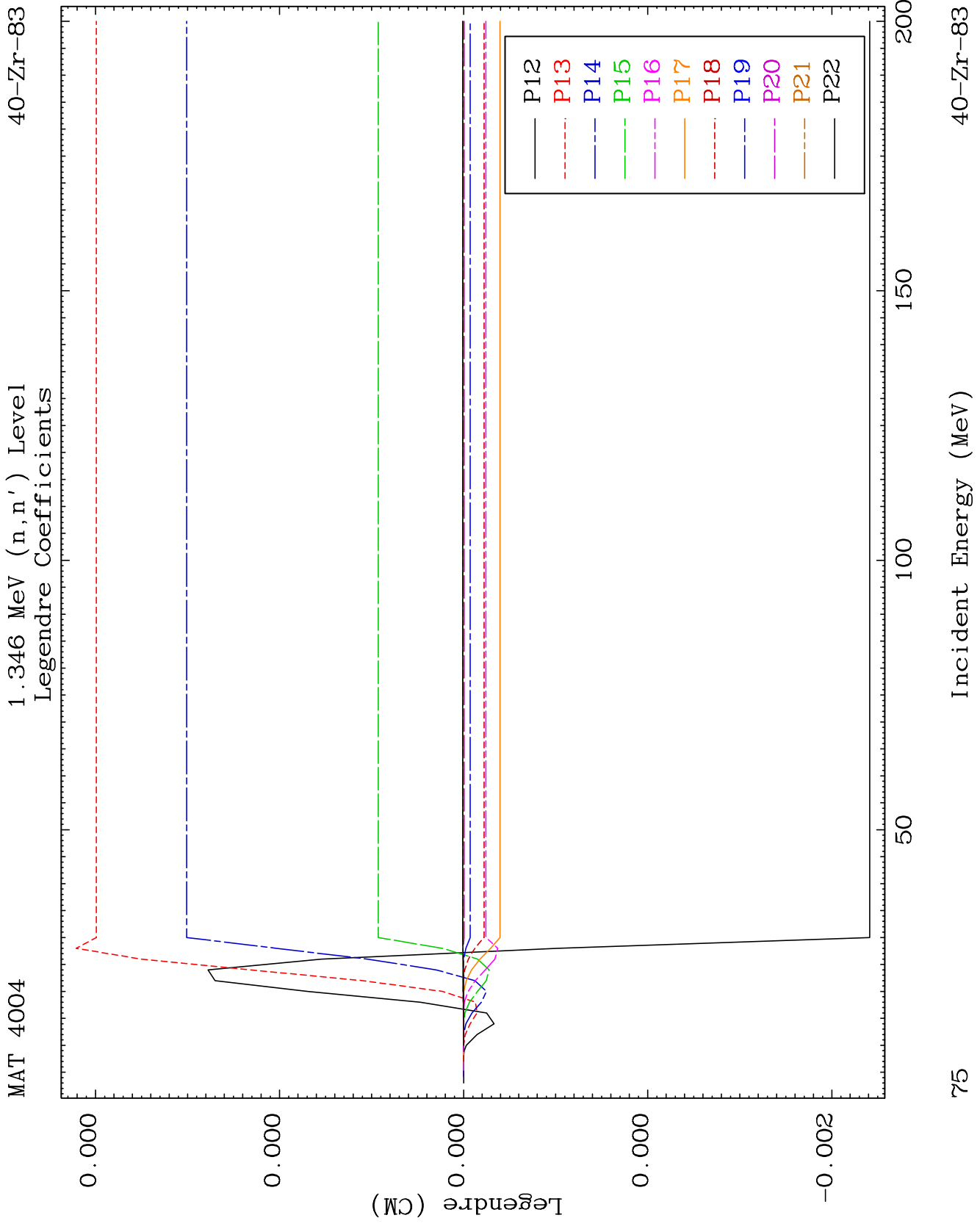
72

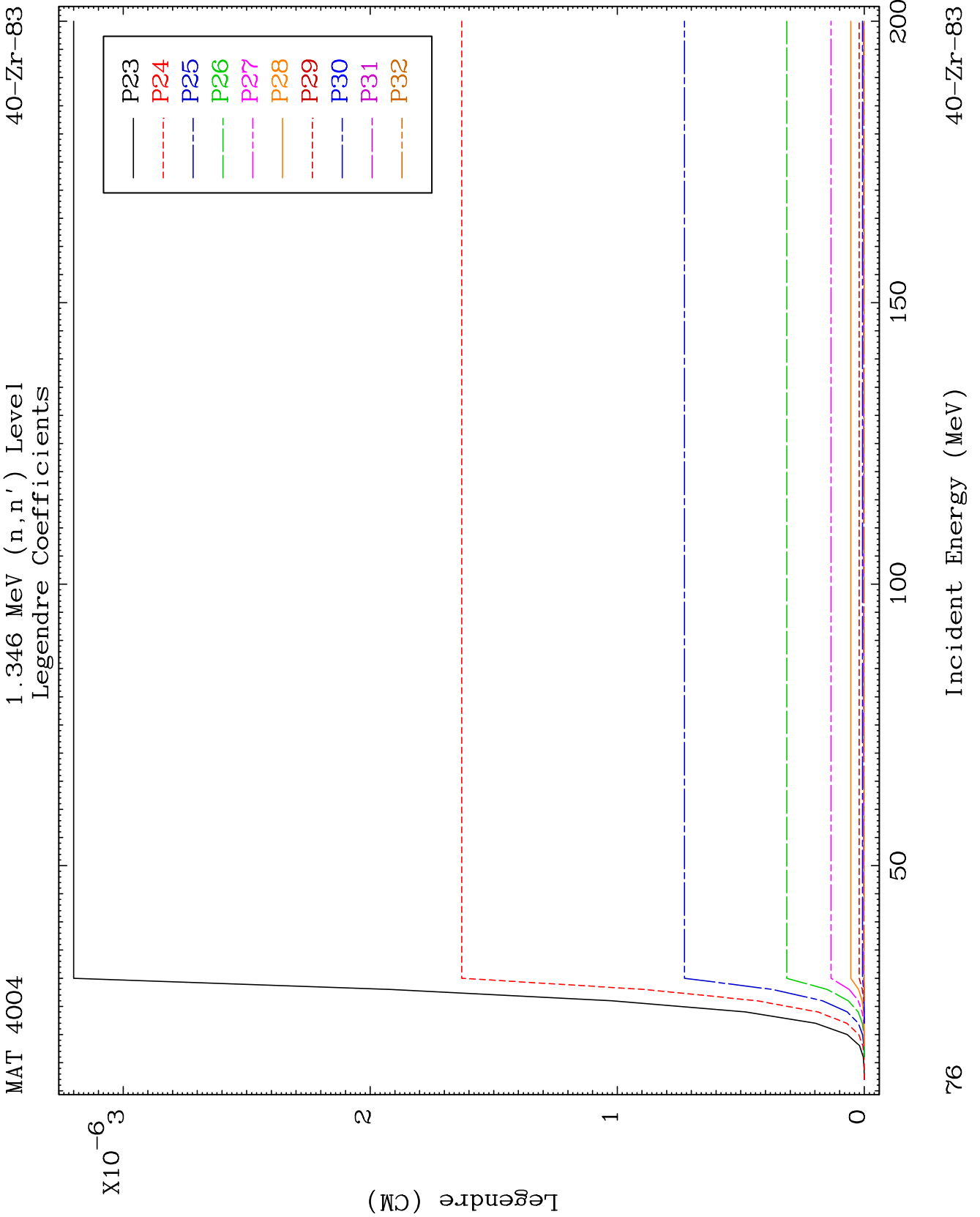
Incident Energy (MeV)

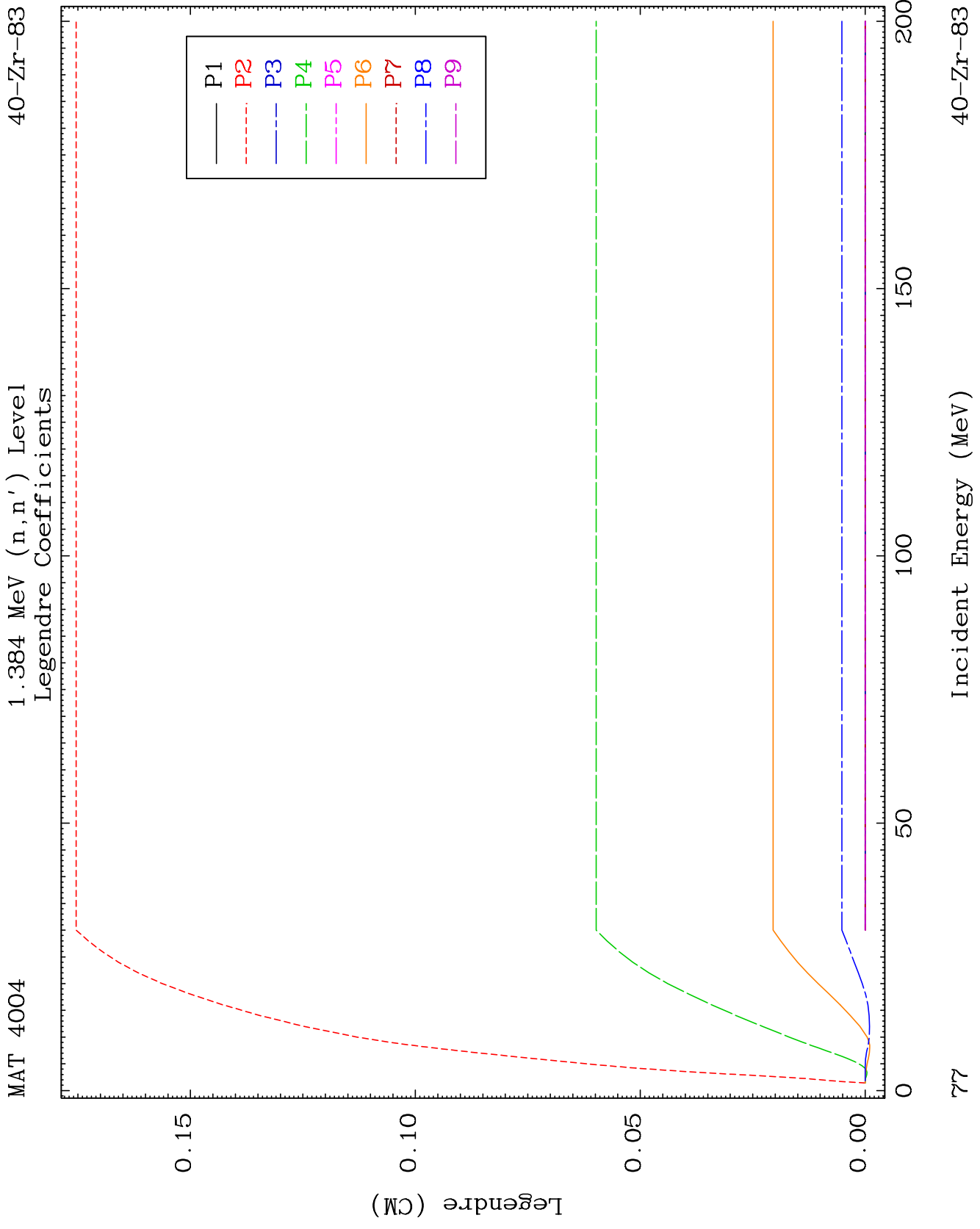
40-Zr-83







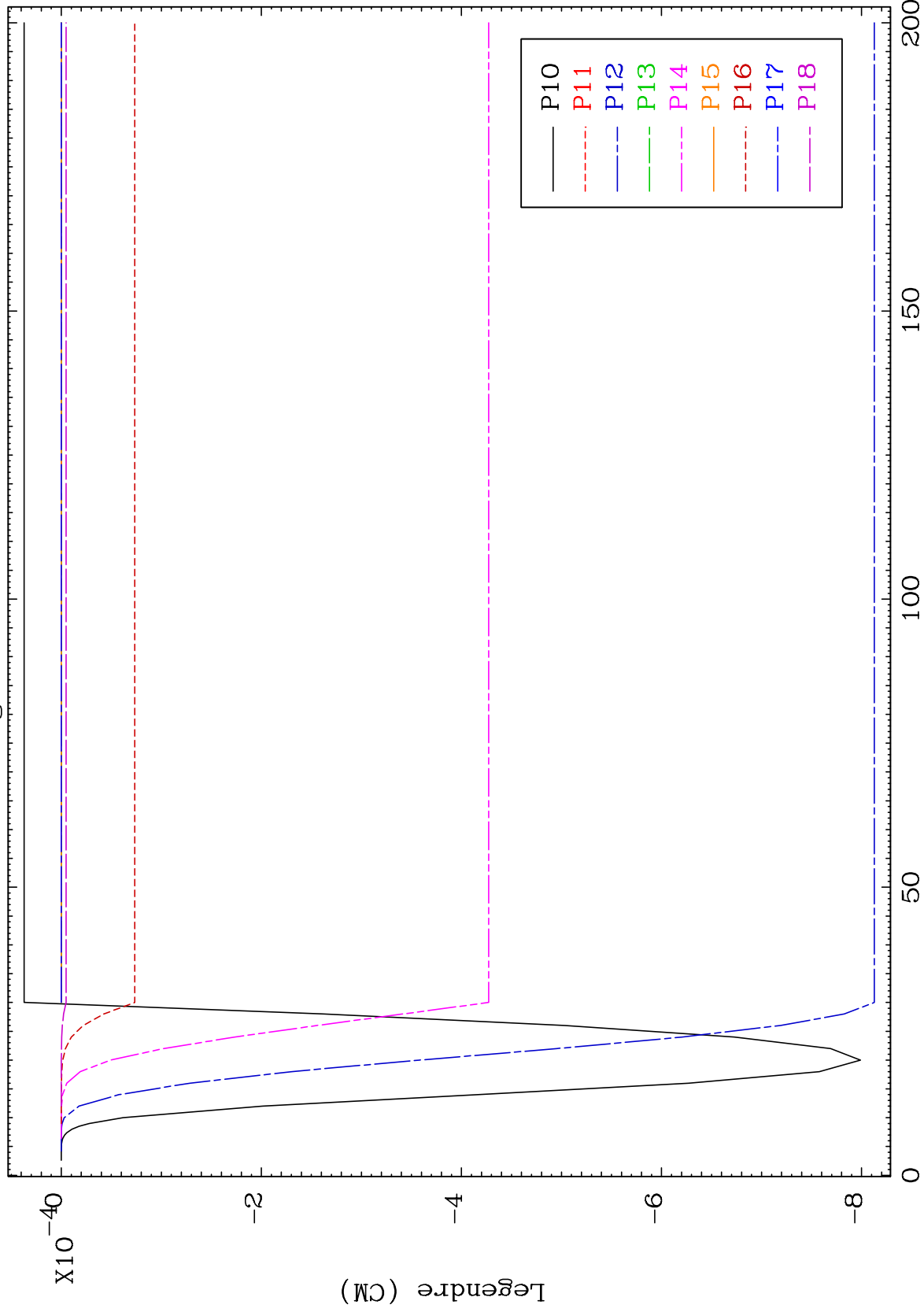




MAT 4004

1.384 MeV (n,n') Level
Legendre Coefficients

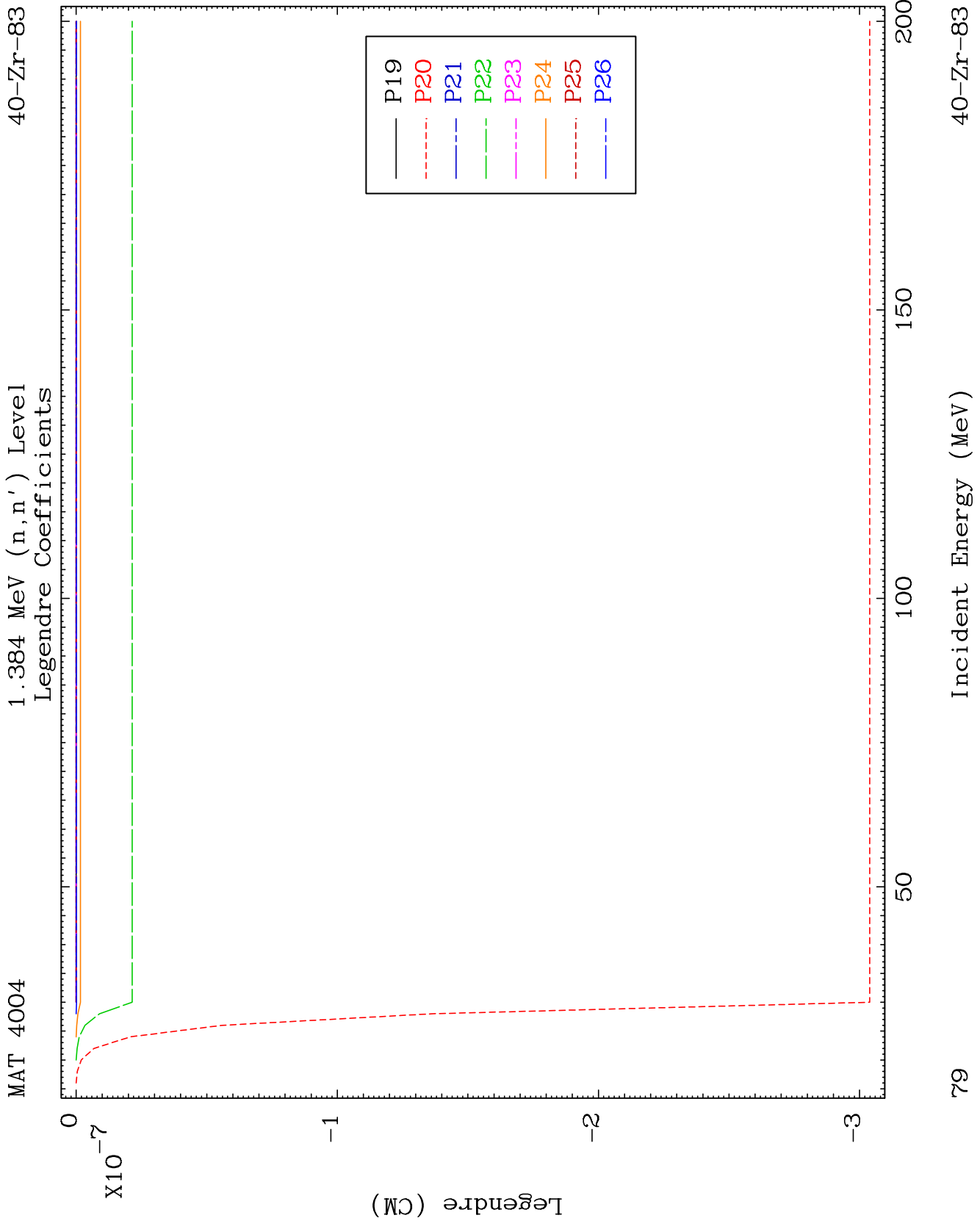
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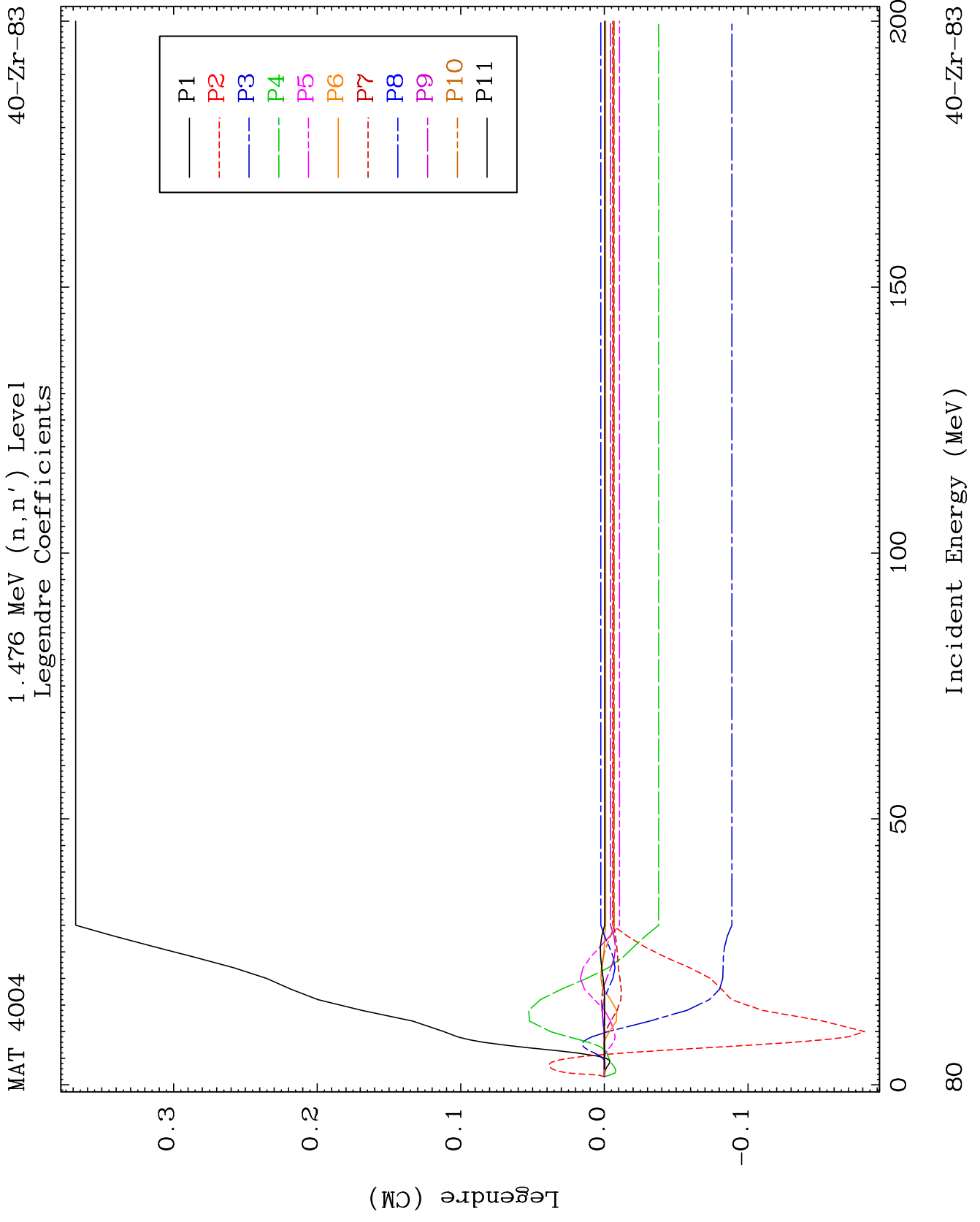


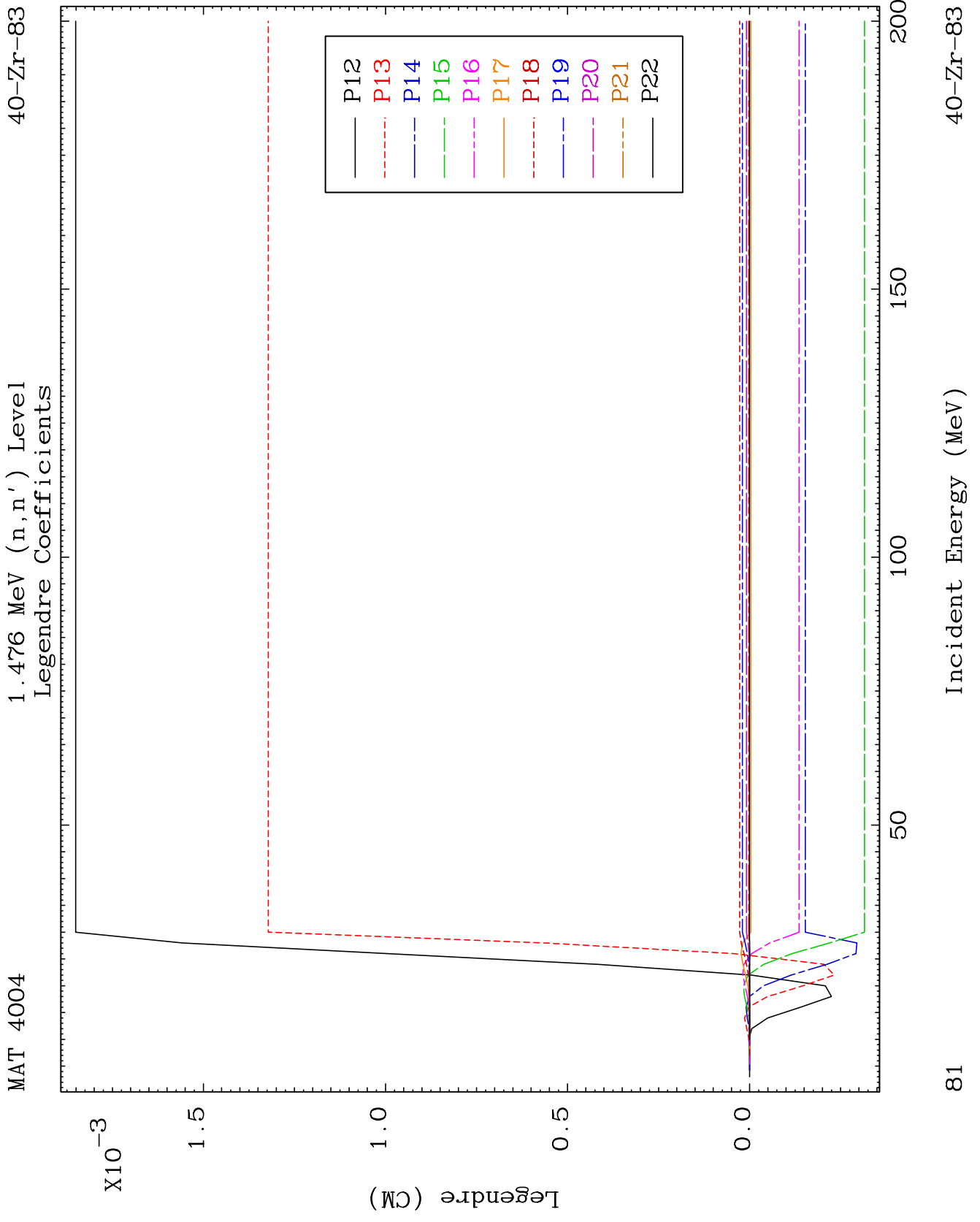
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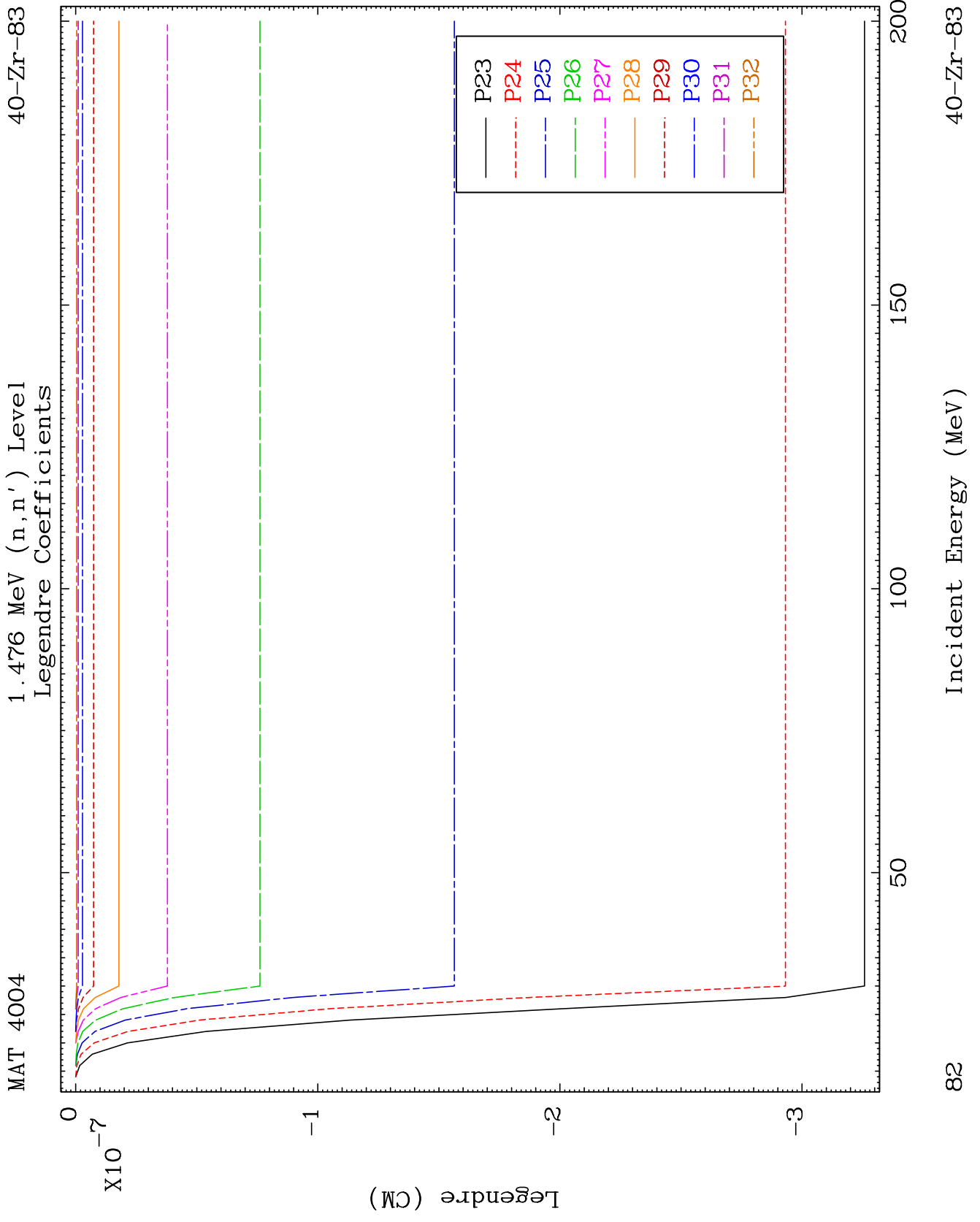
Incident Energy (MeV)

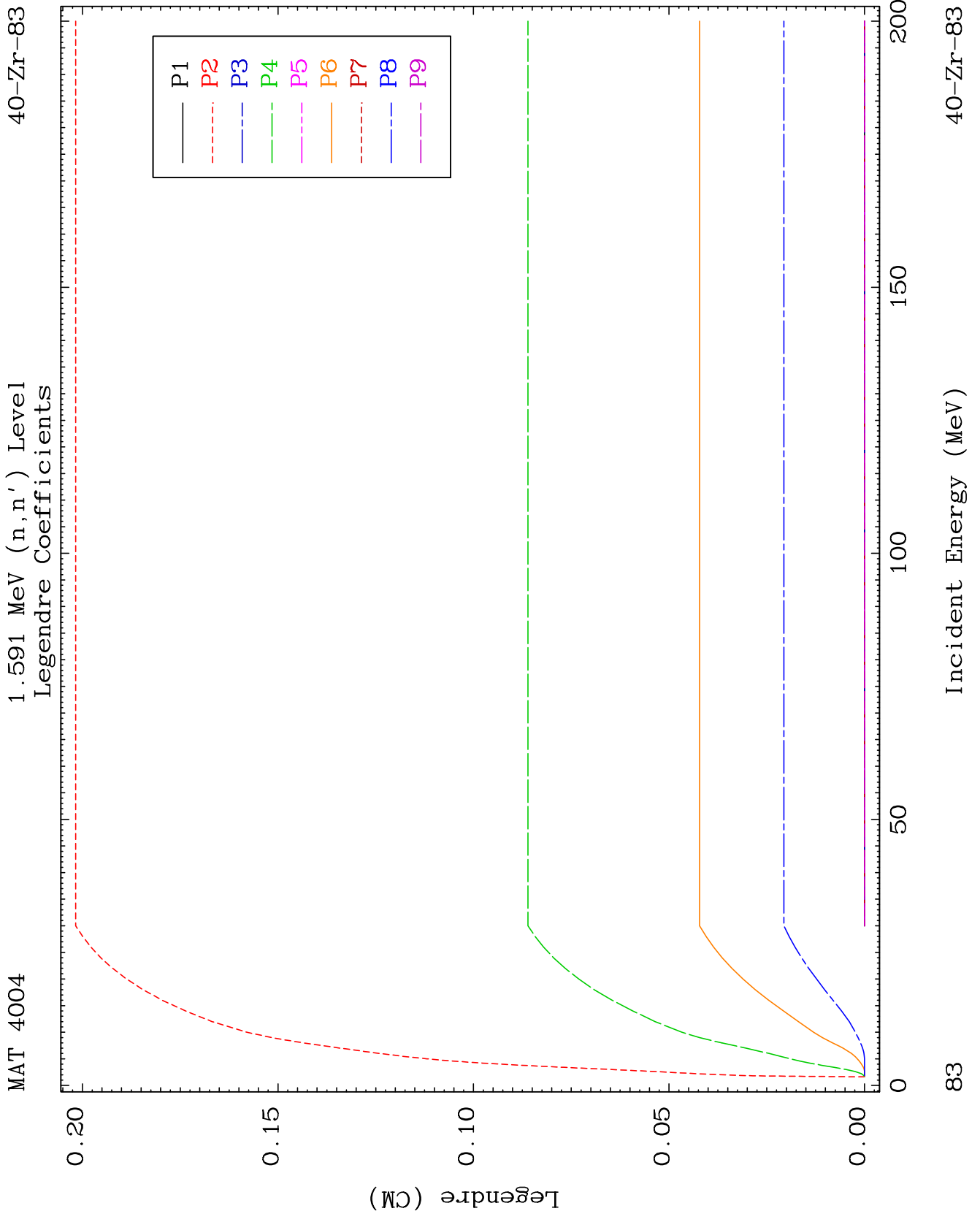
40-Zr-83

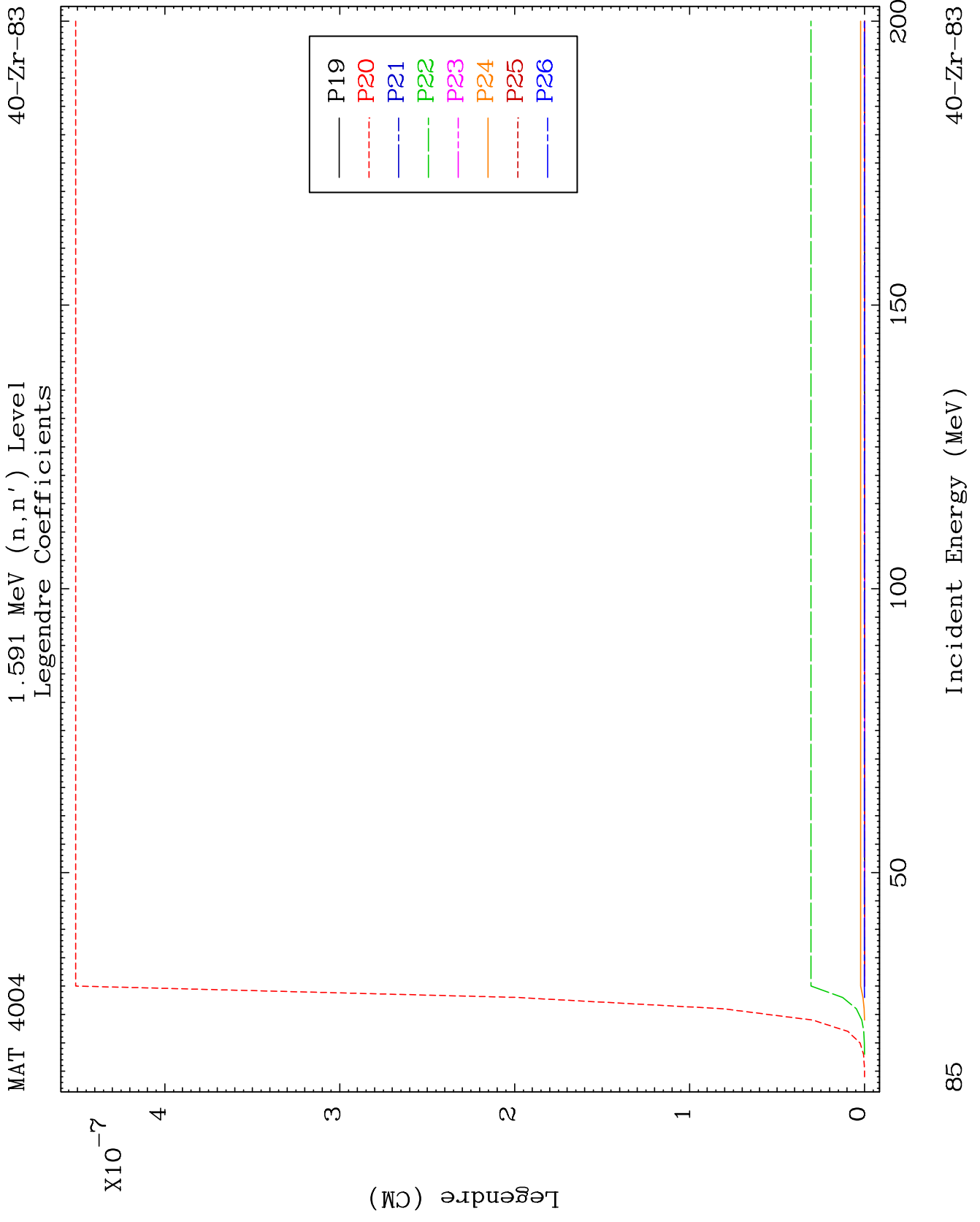


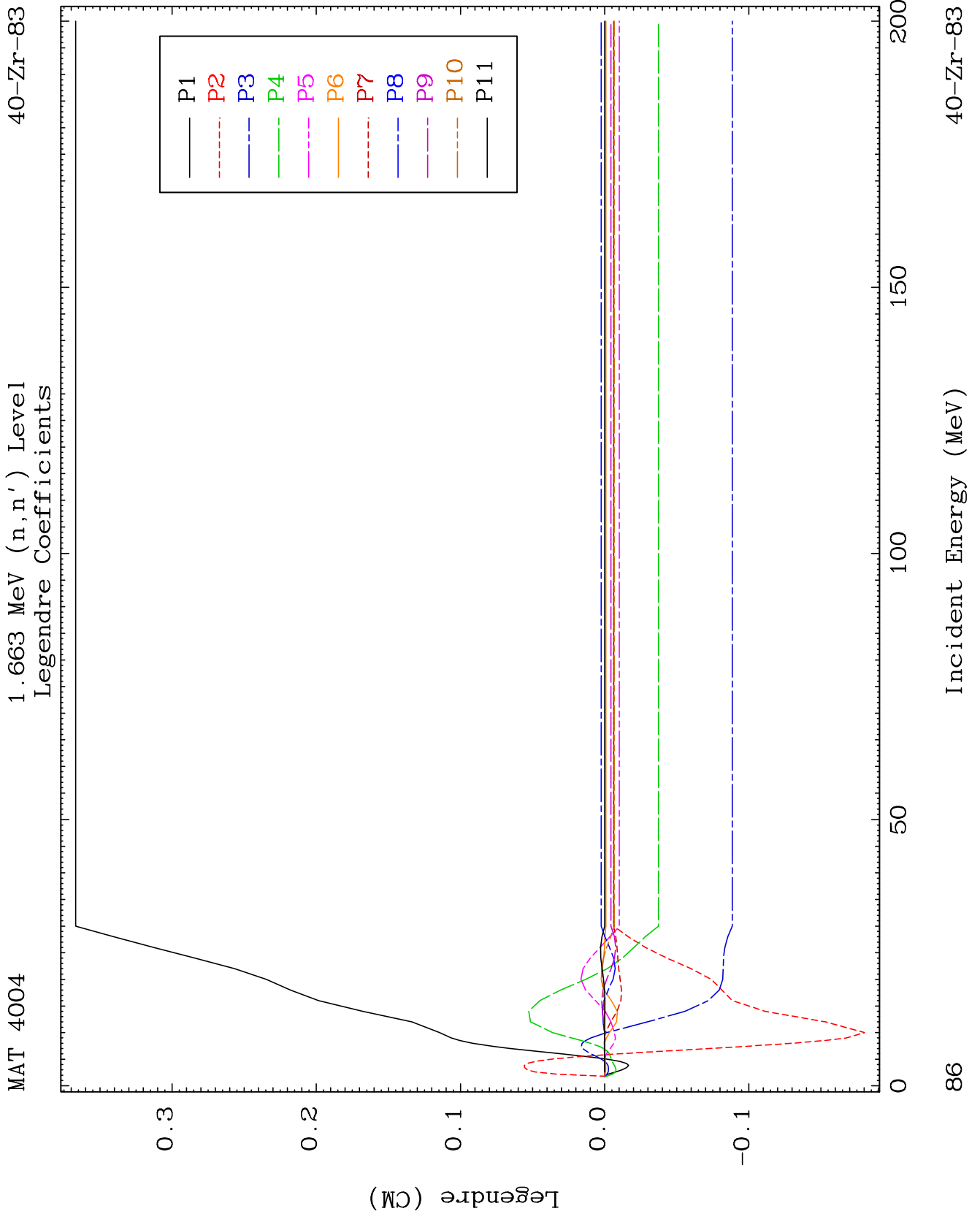


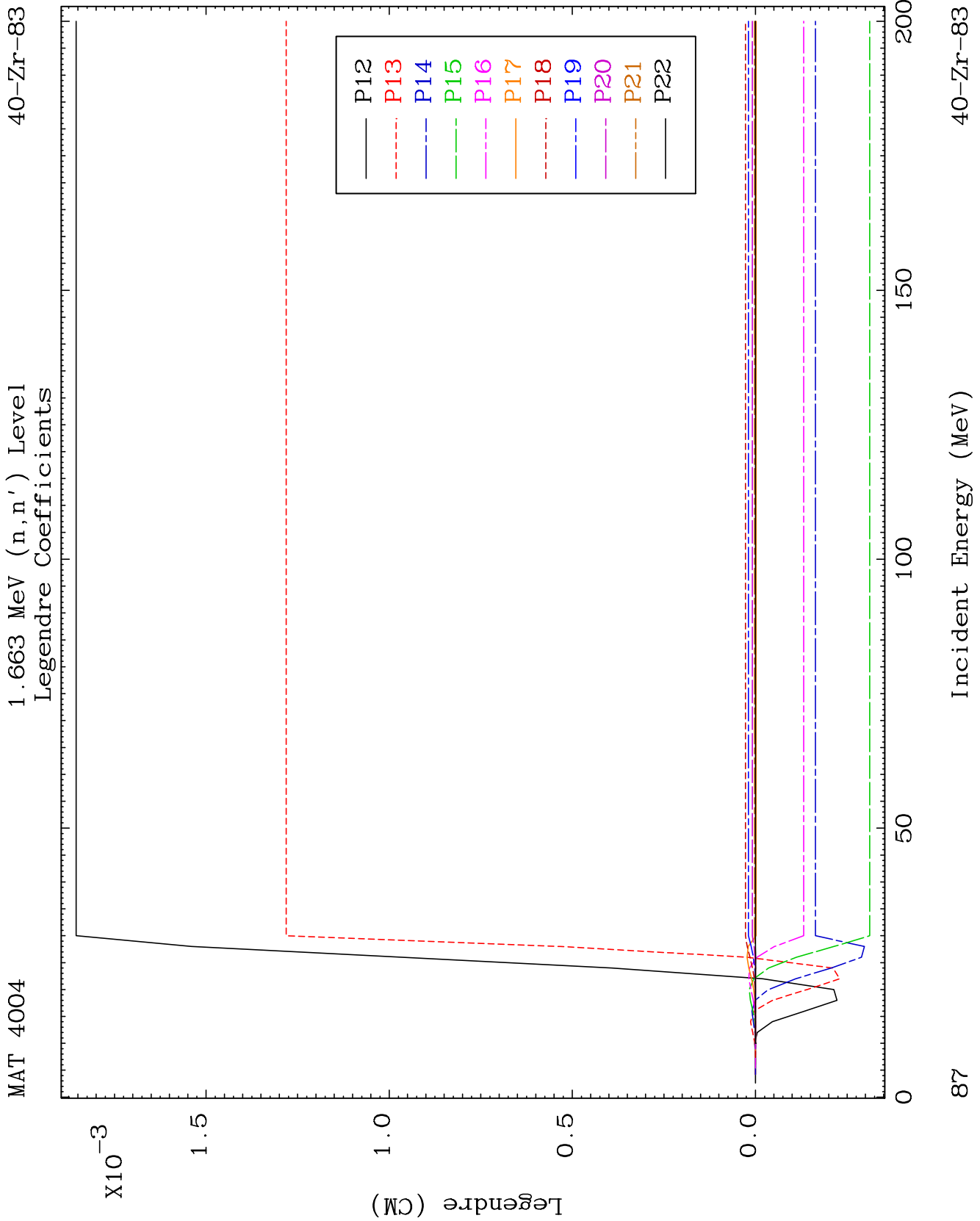


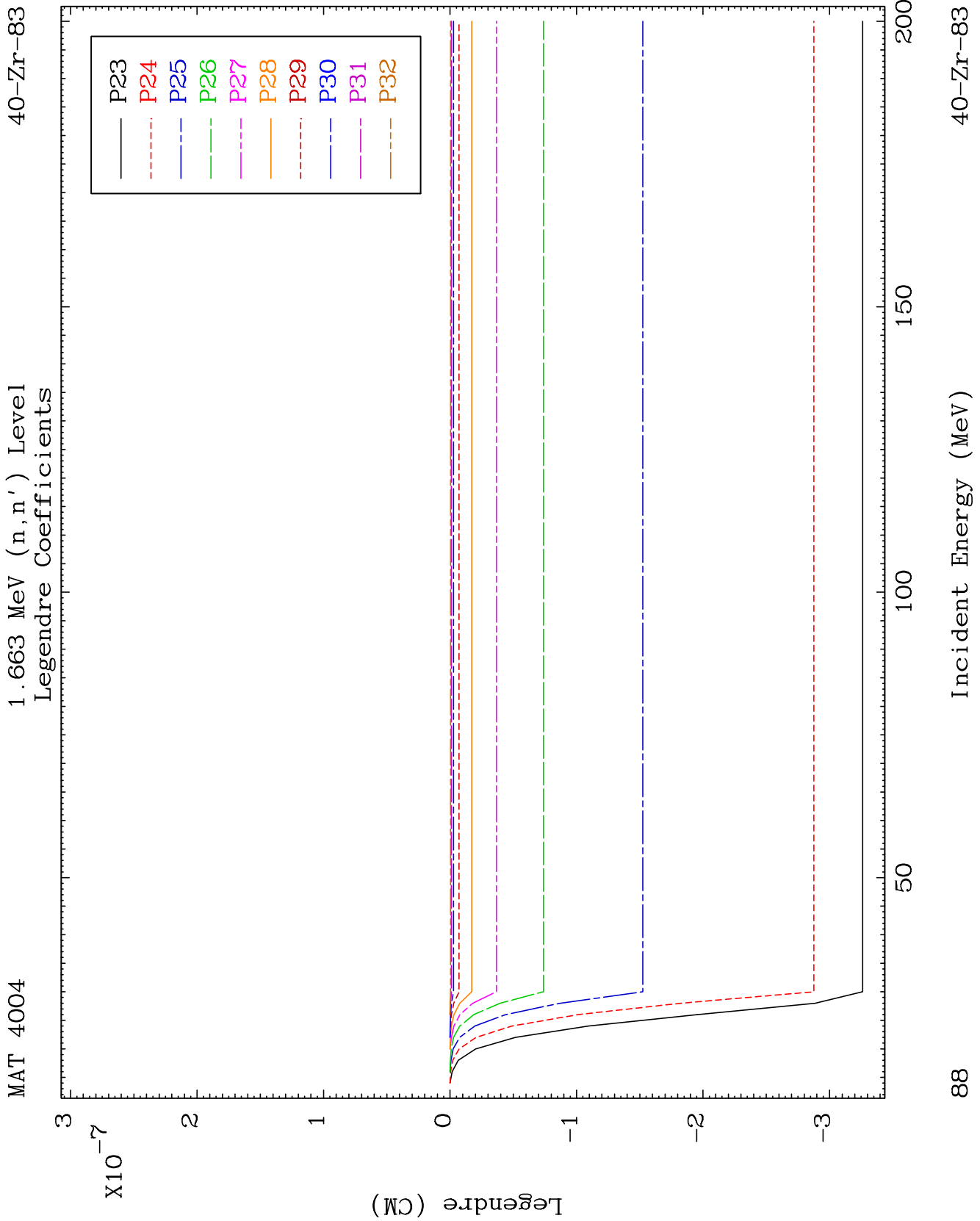


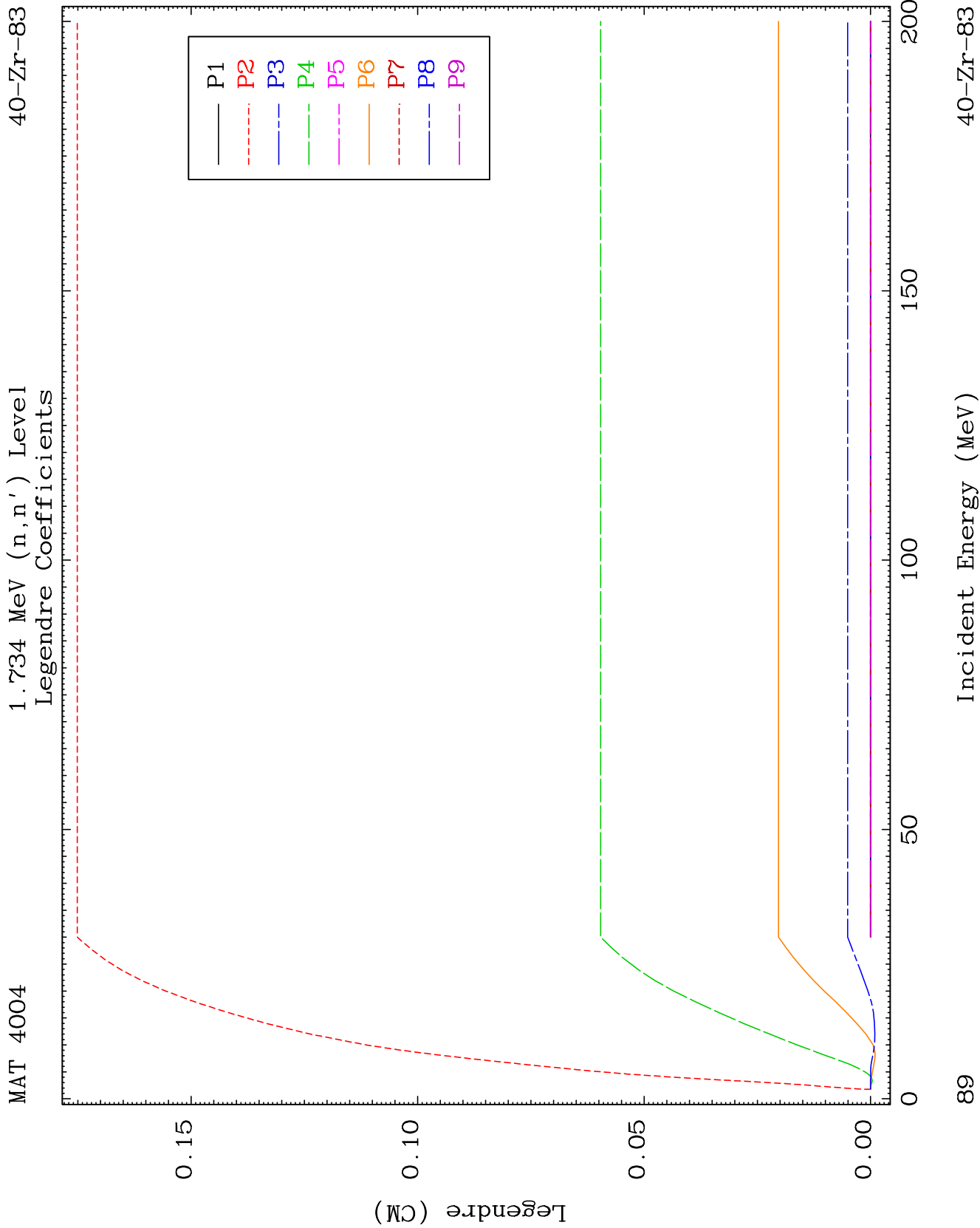


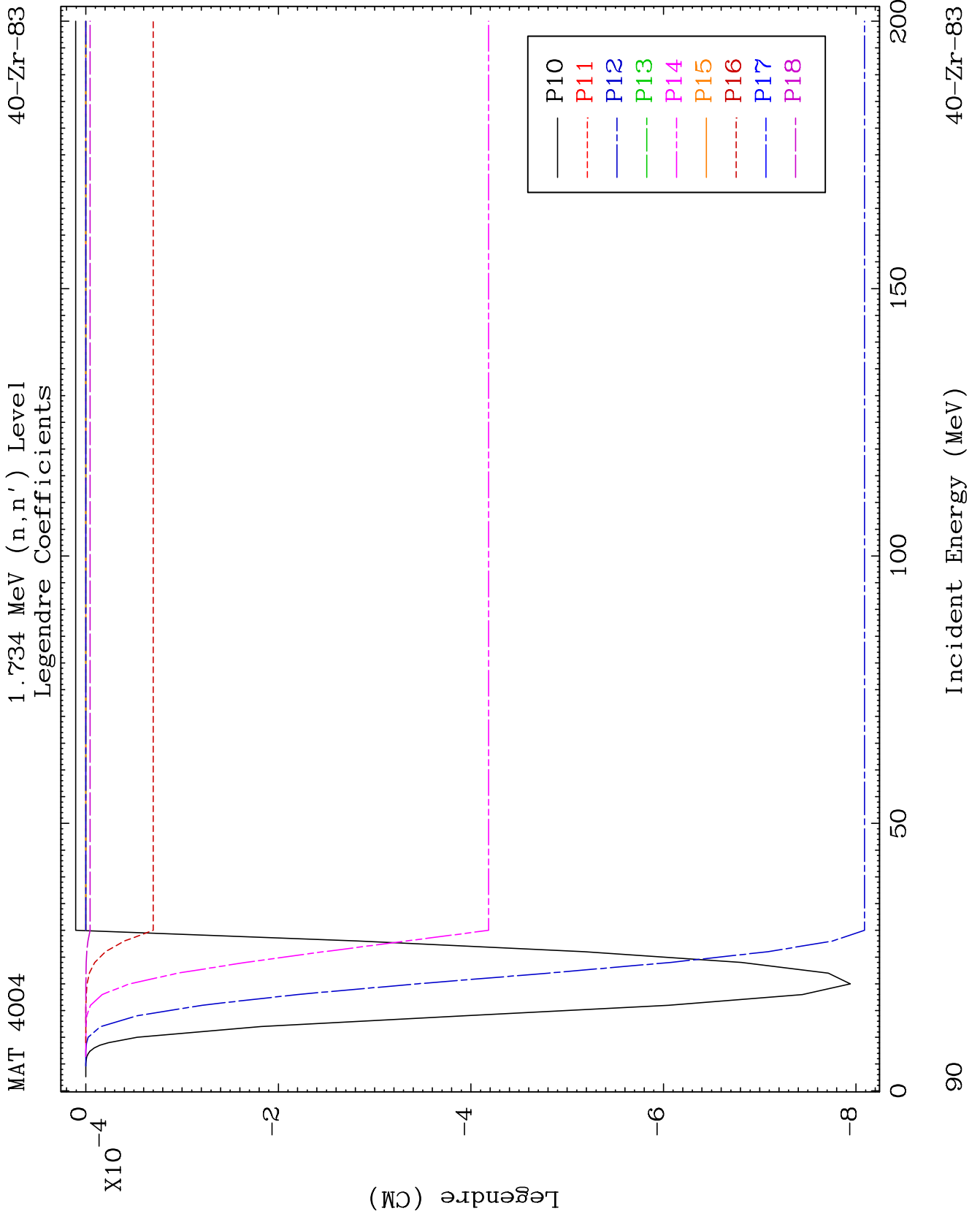


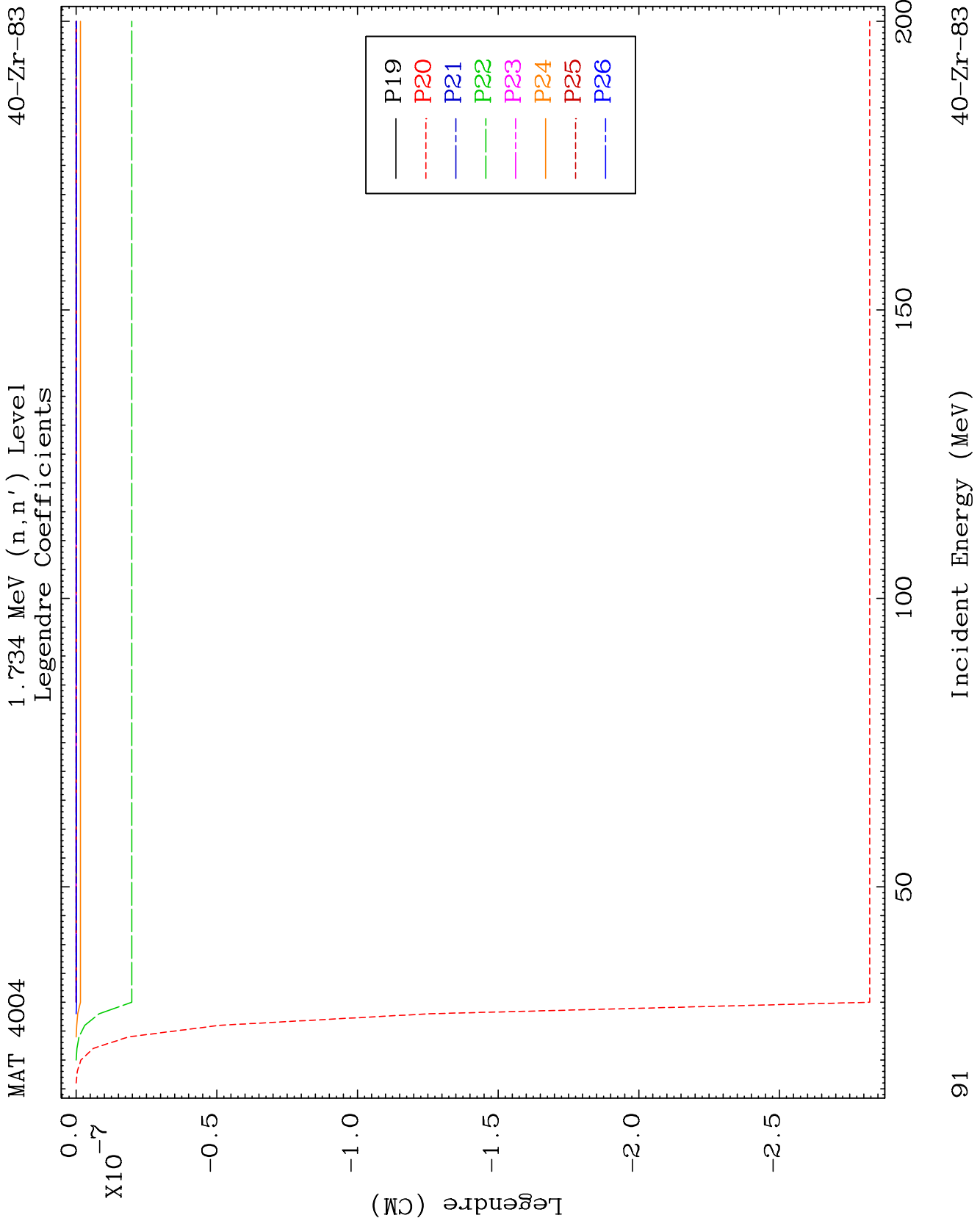


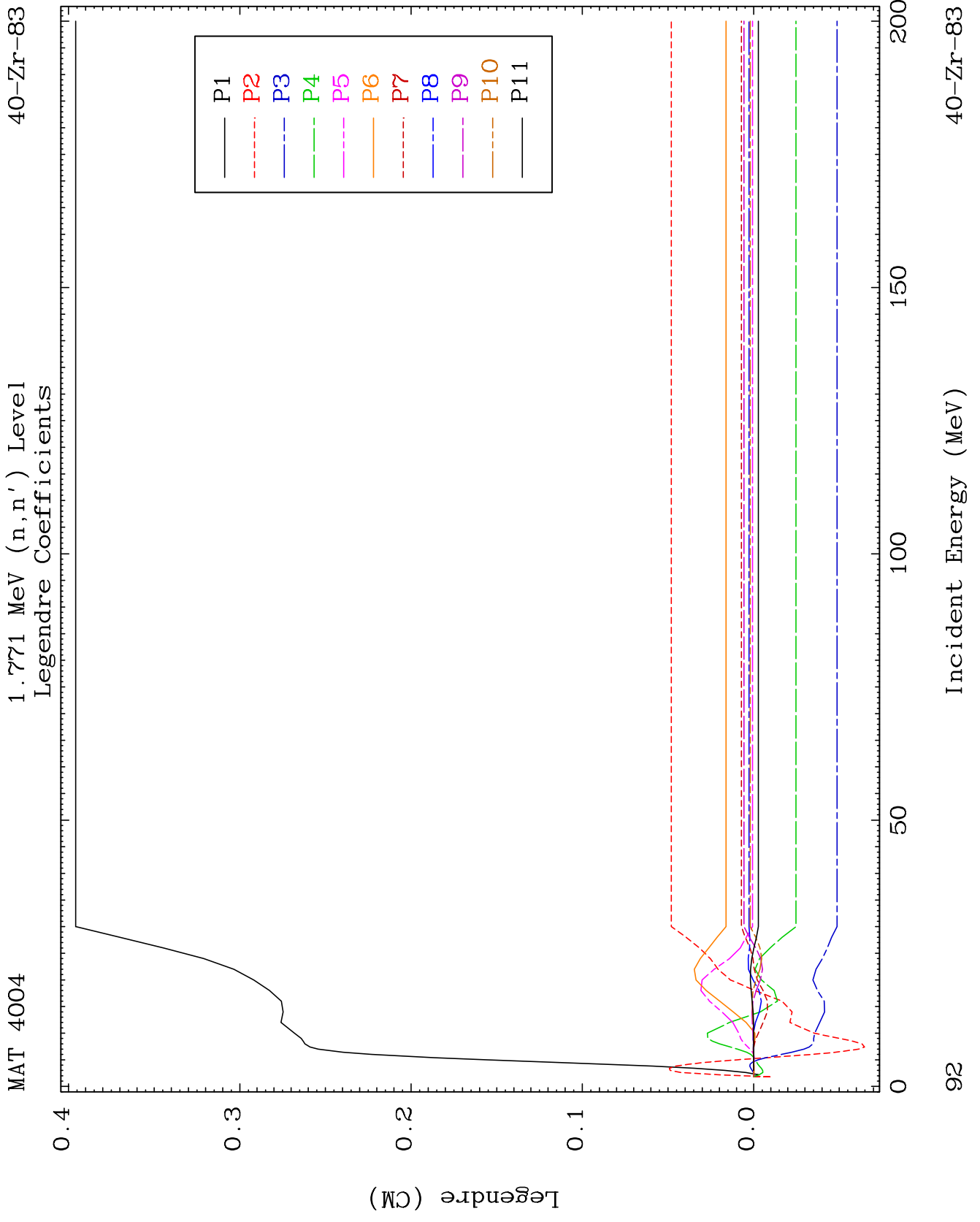


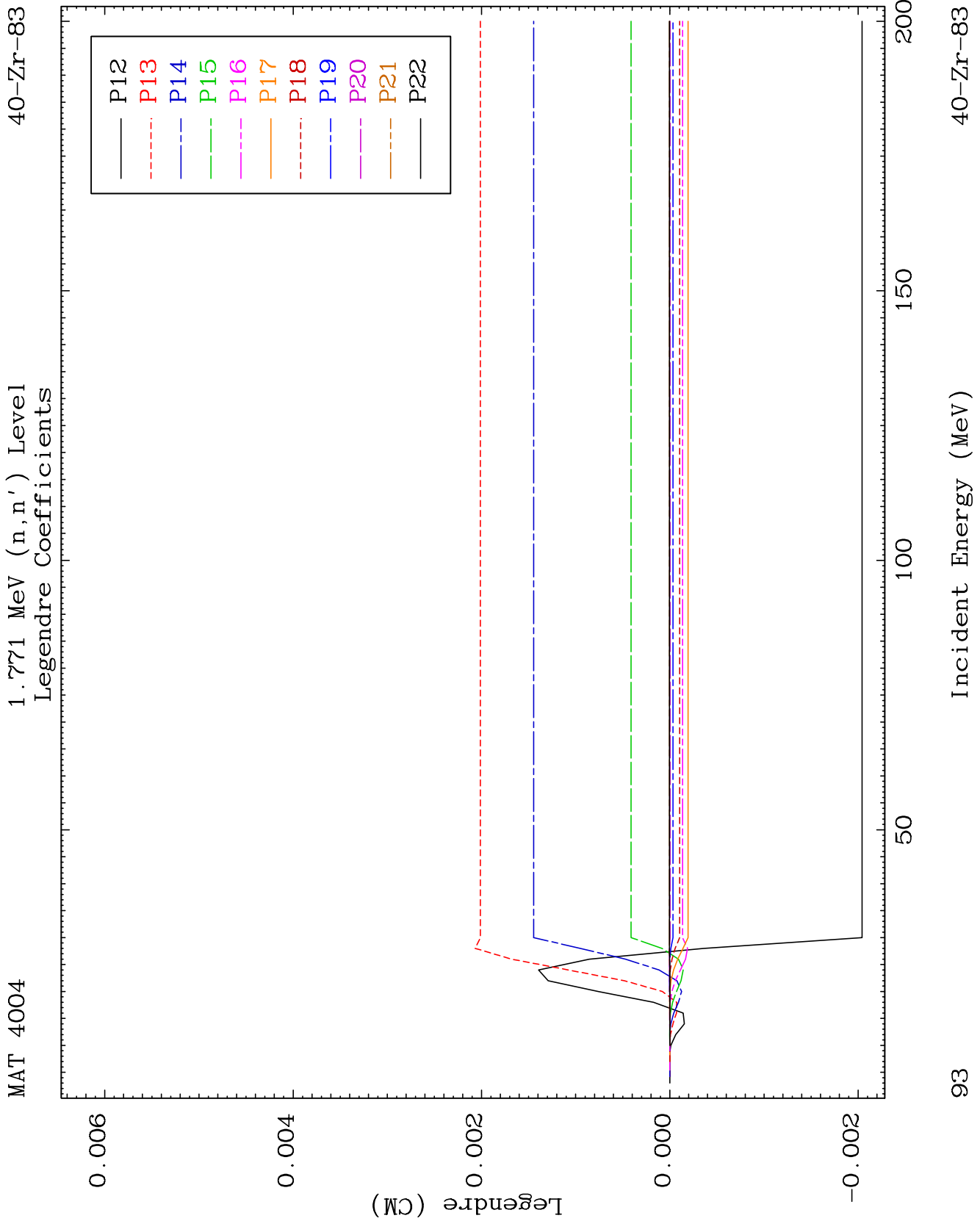


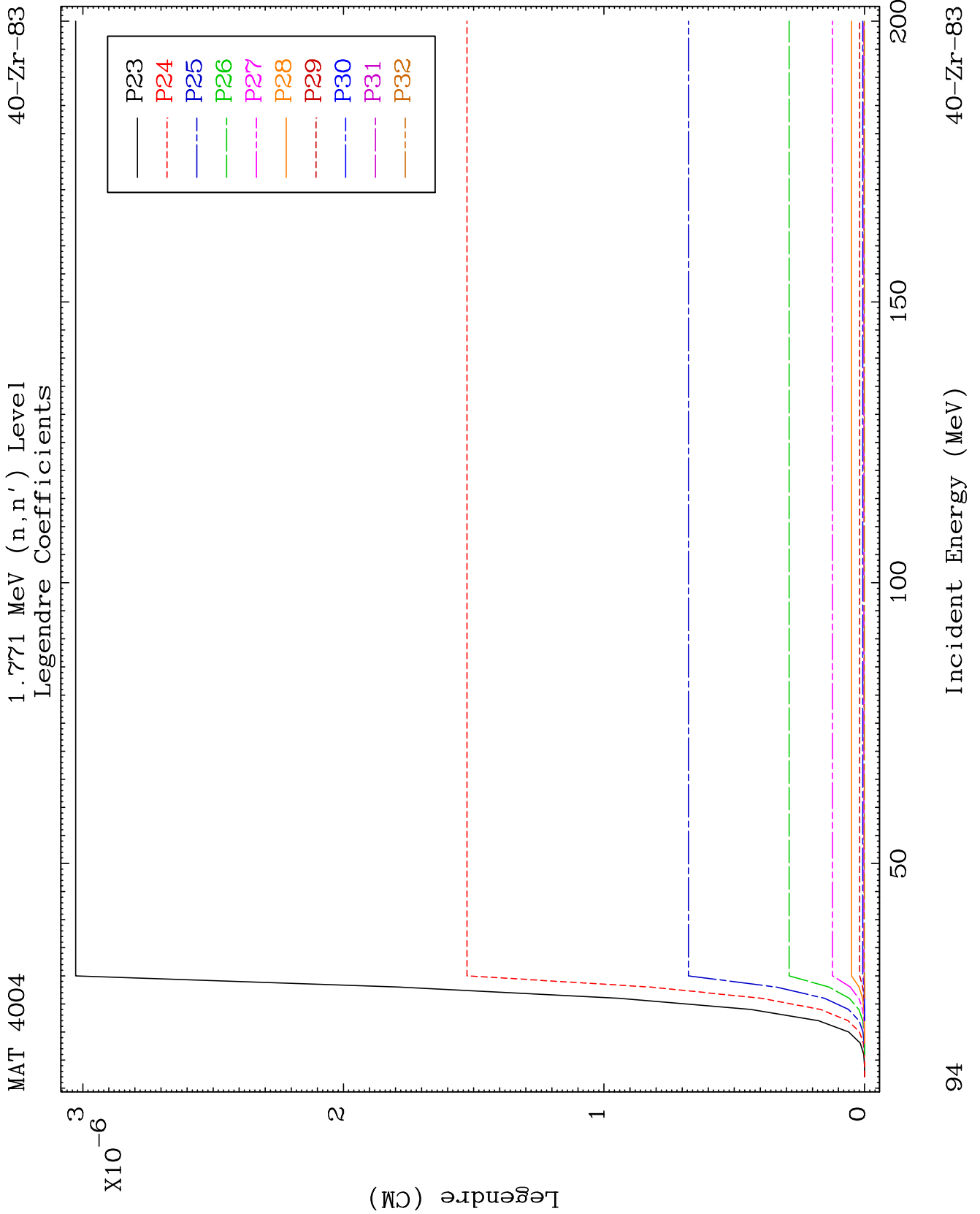


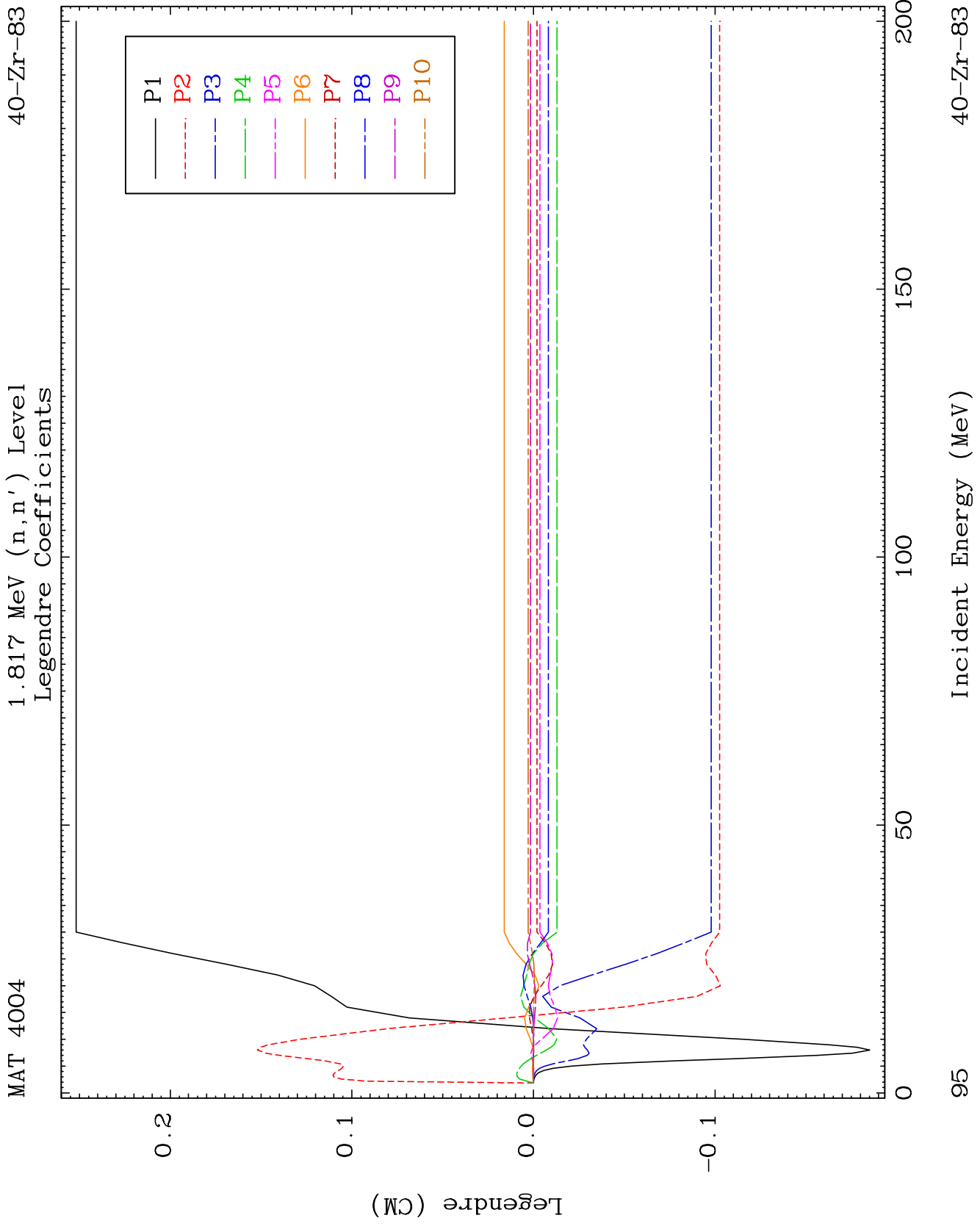


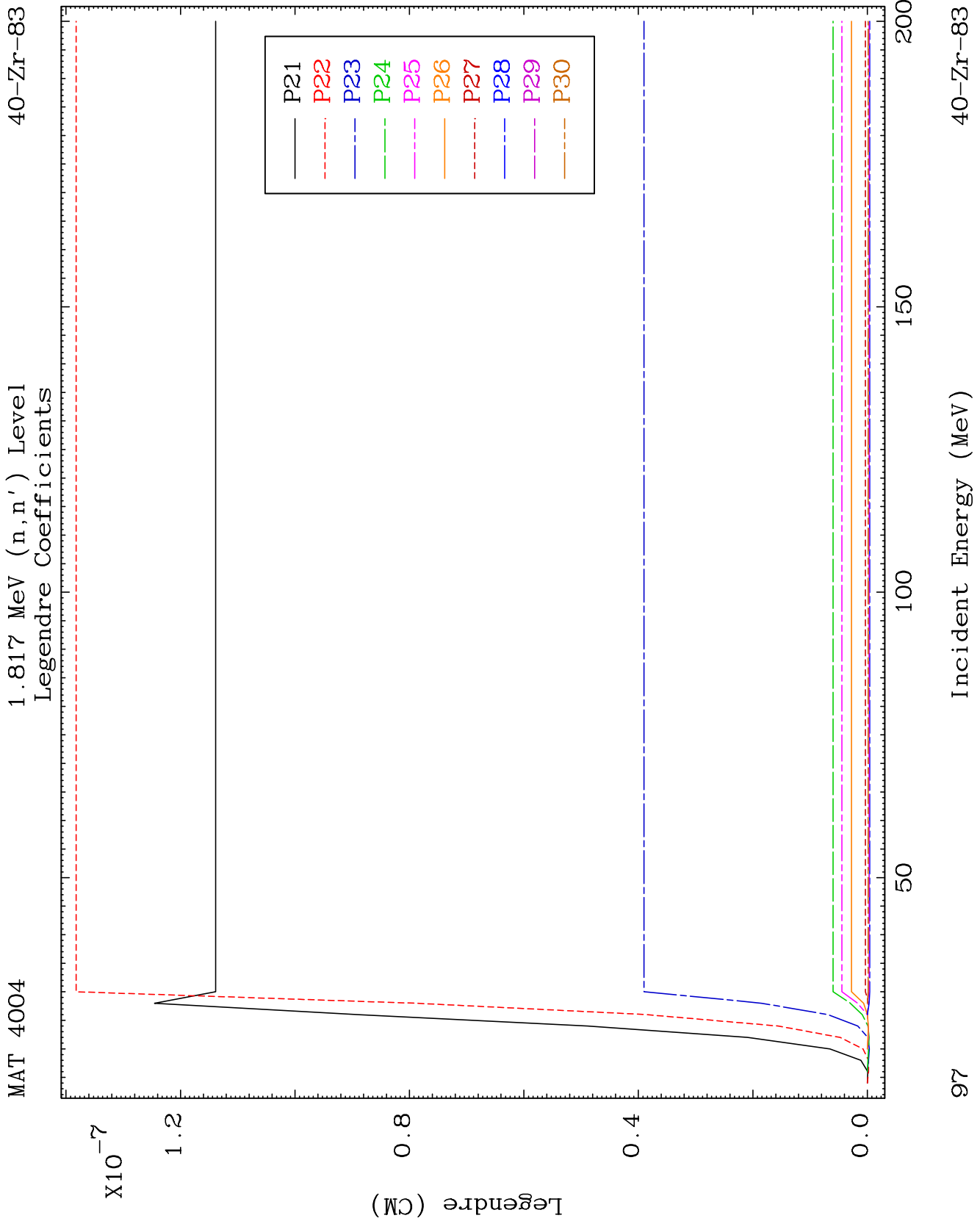


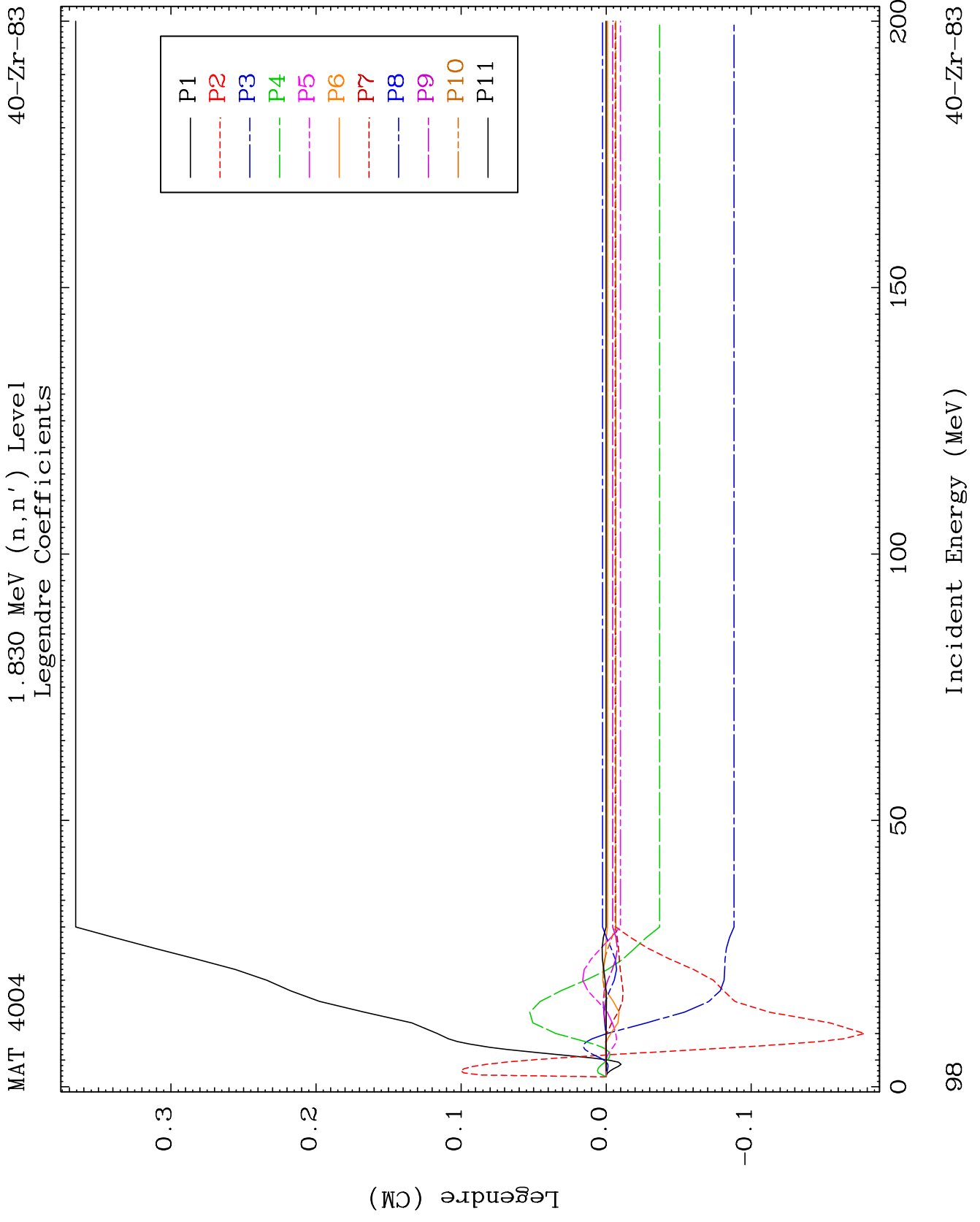








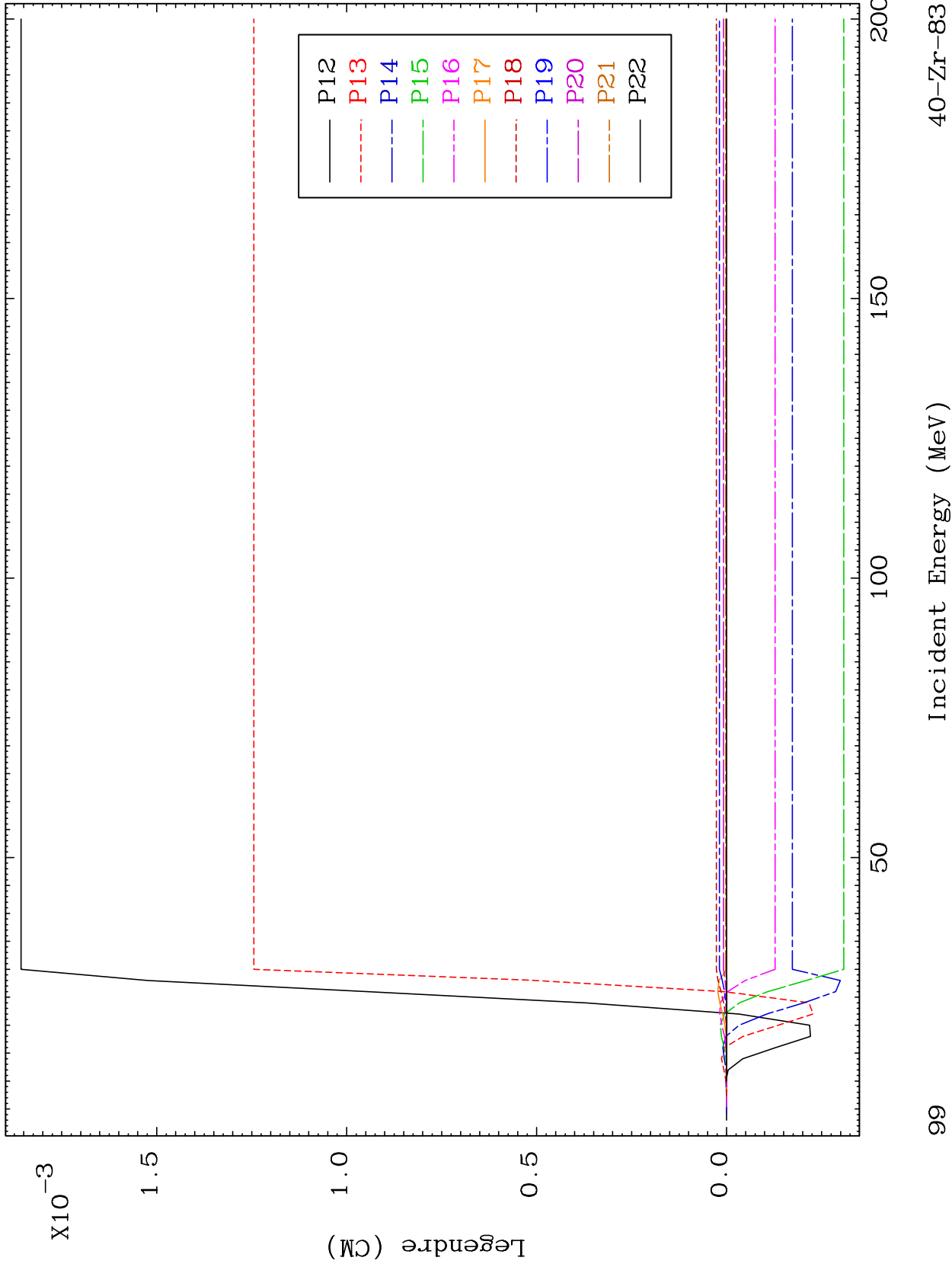




MAT 4004

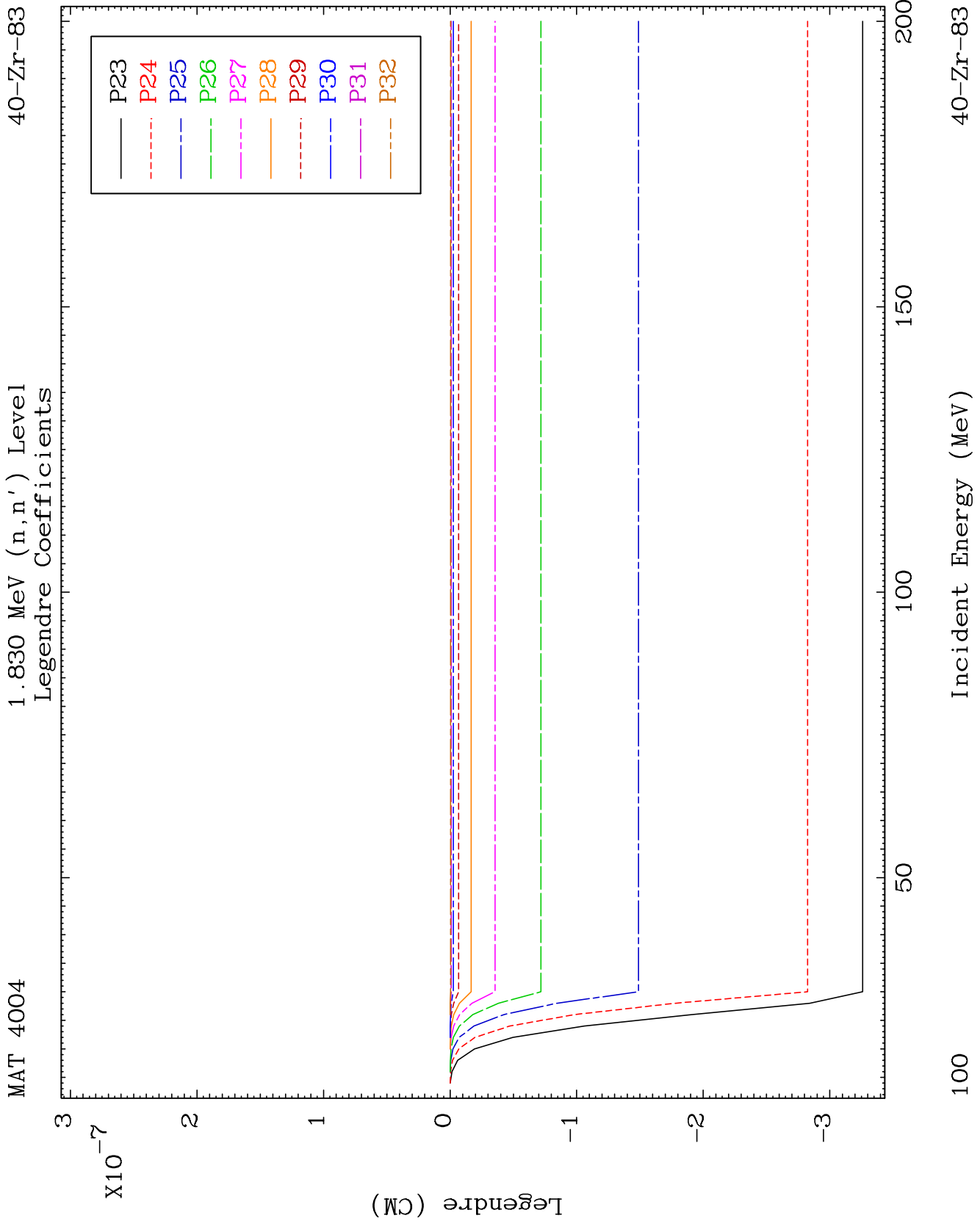
1.830 MeV (n,n') Level
Legendre Coefficients

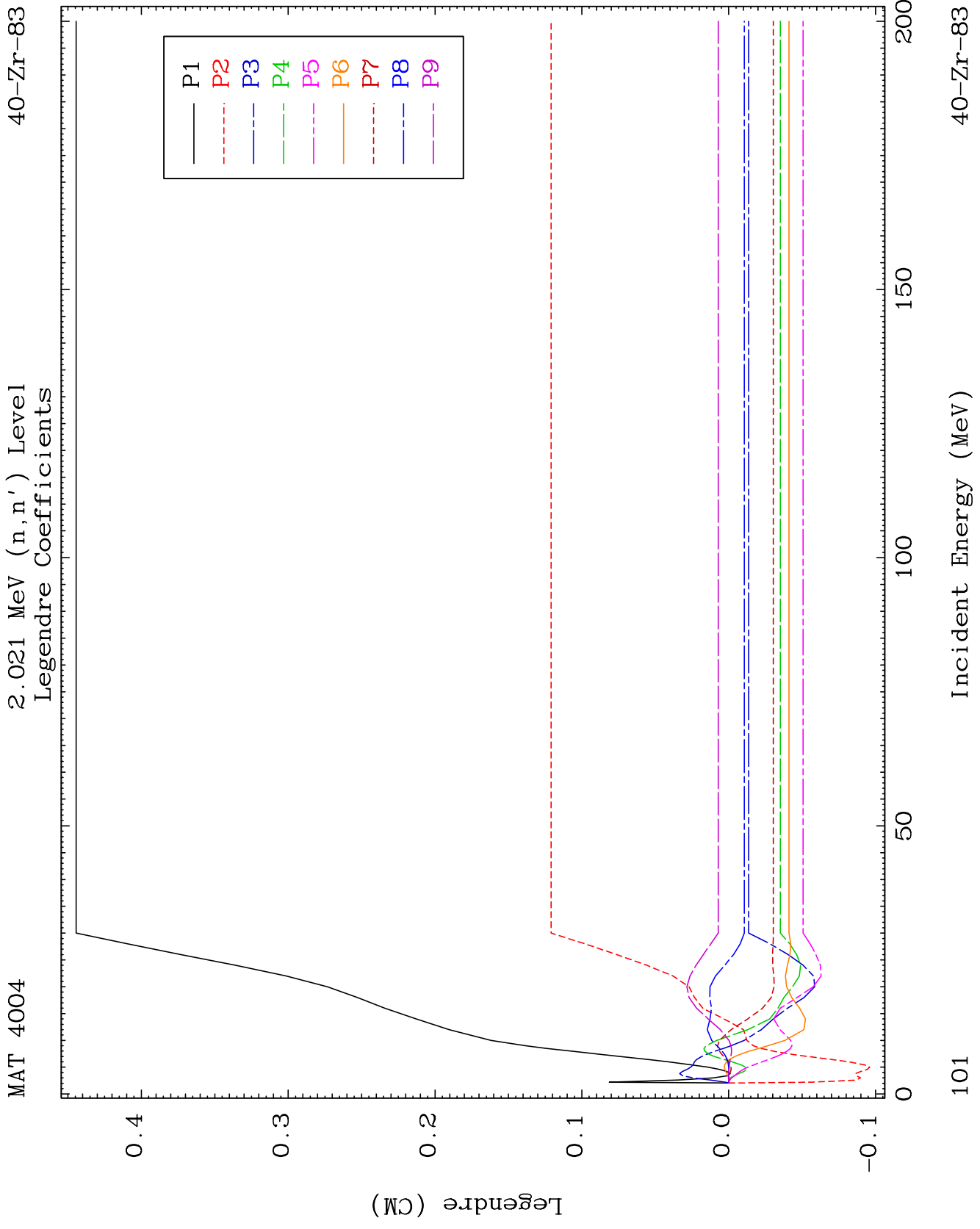
40-Zr-83

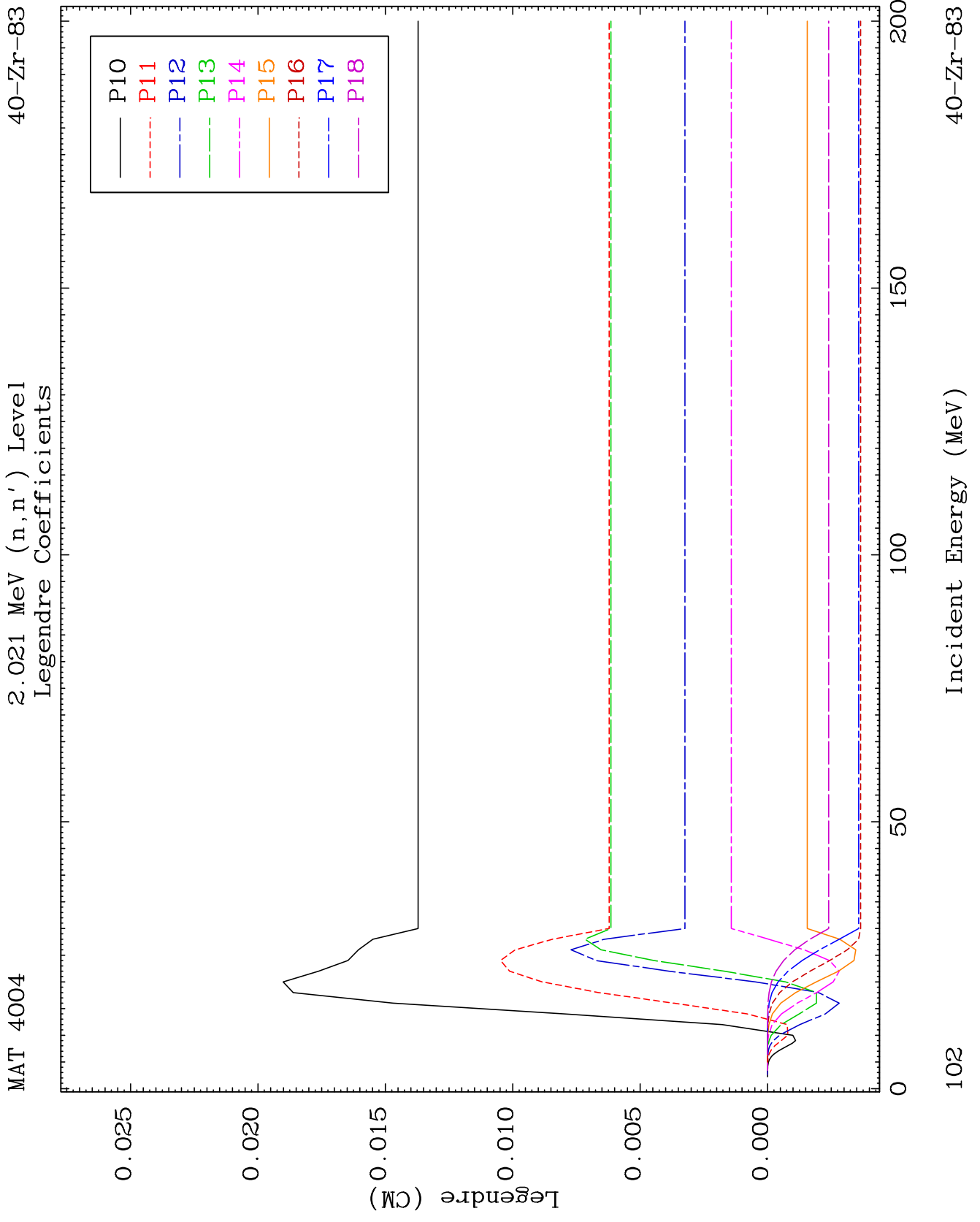


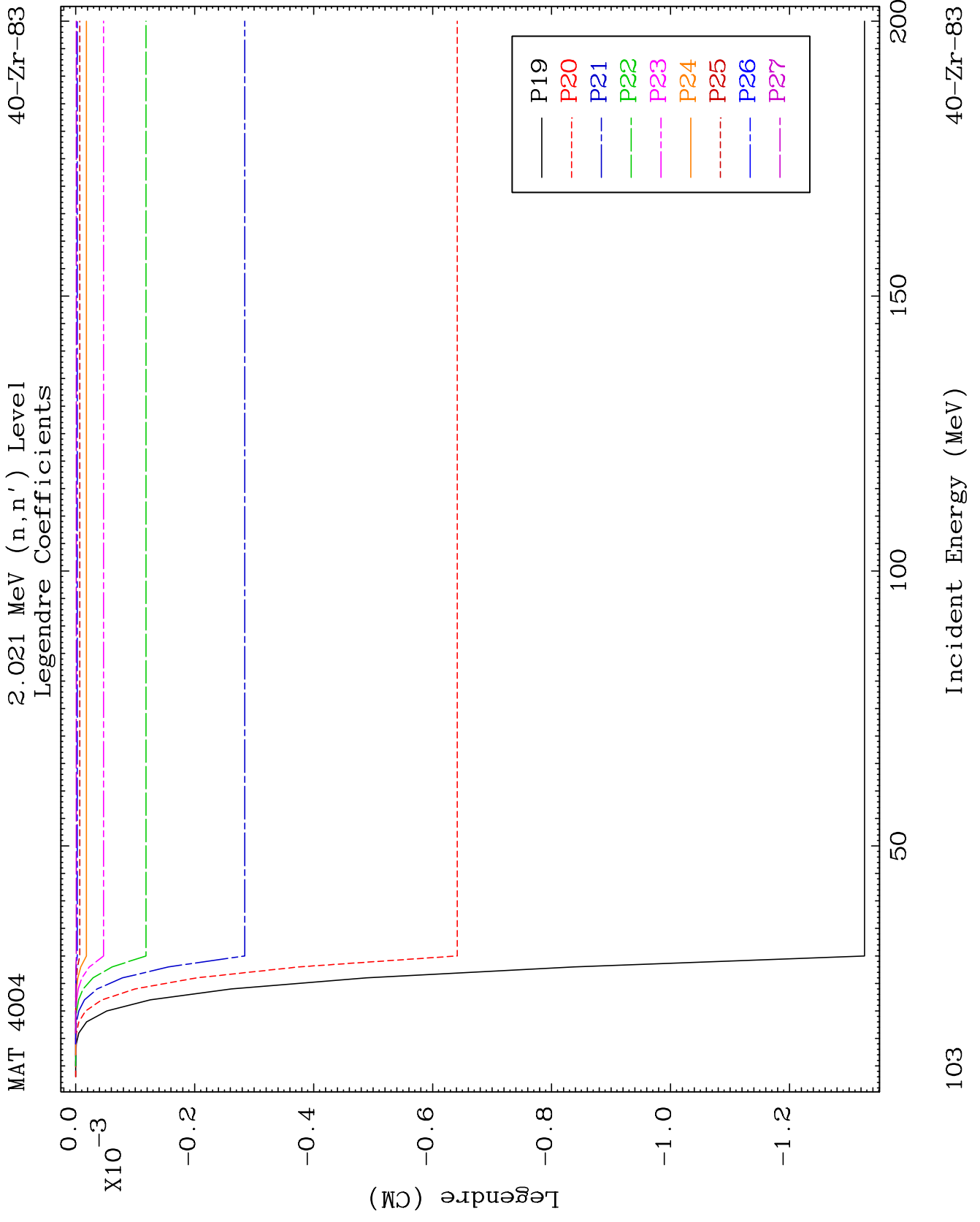
99

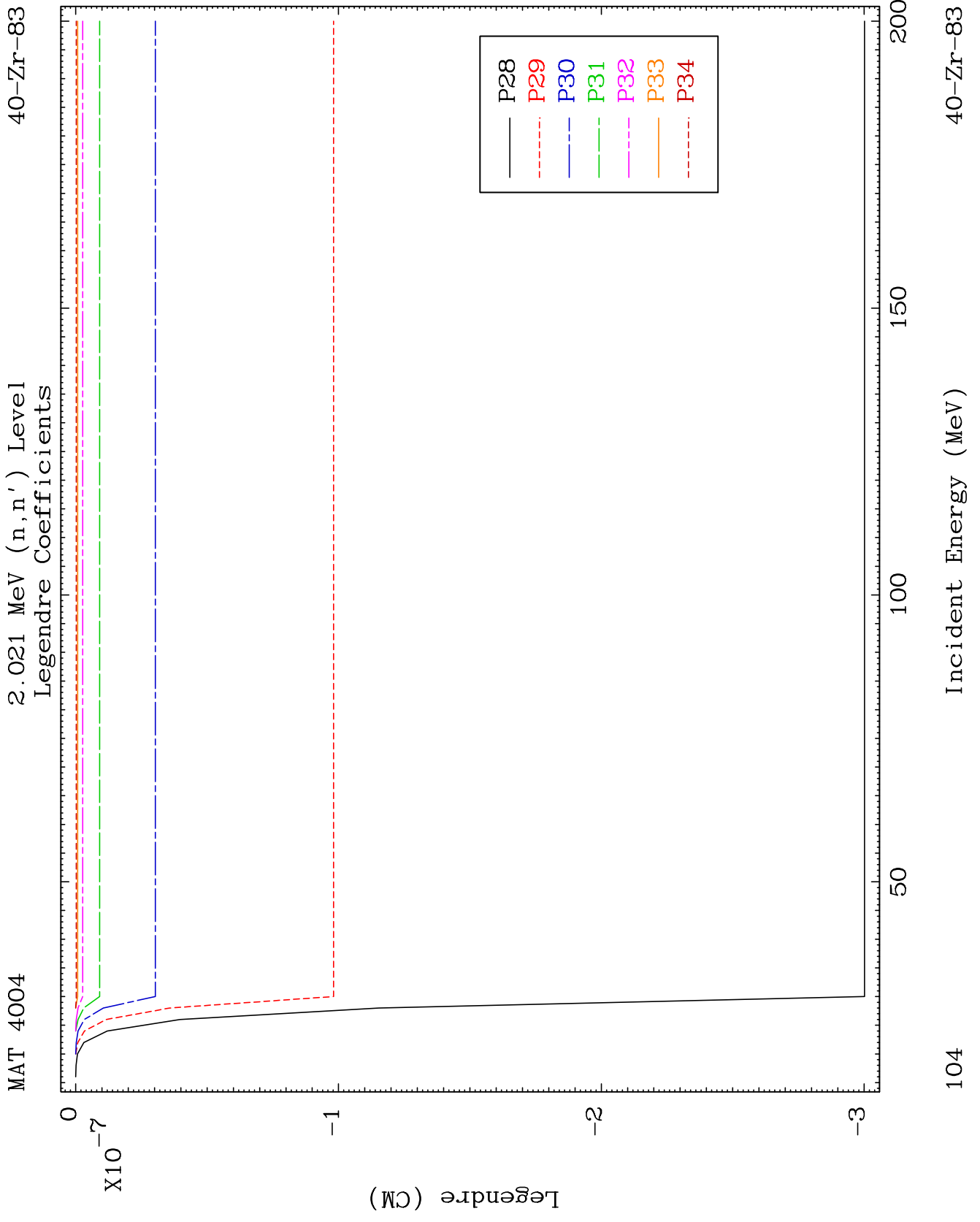
40-Zr-83

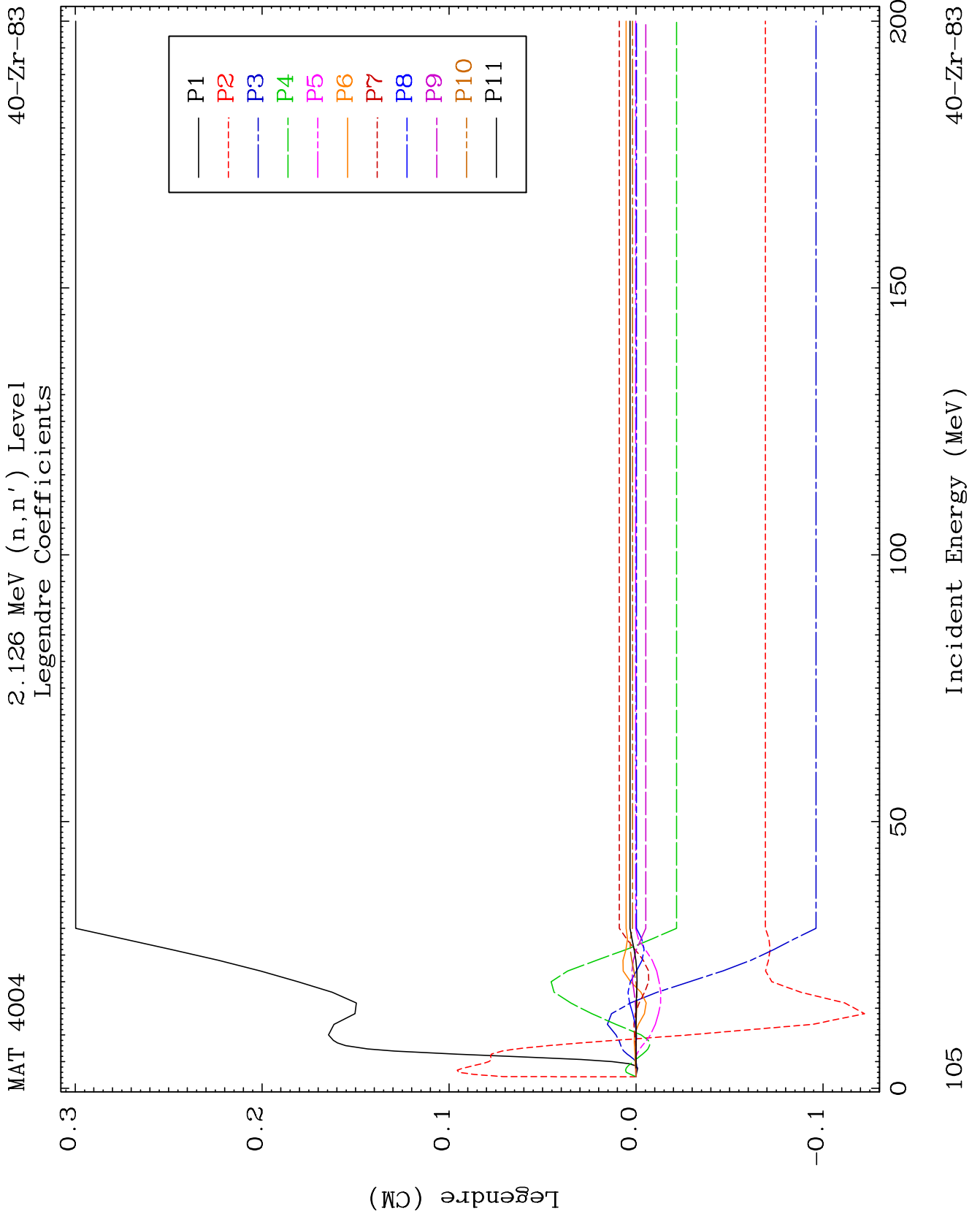








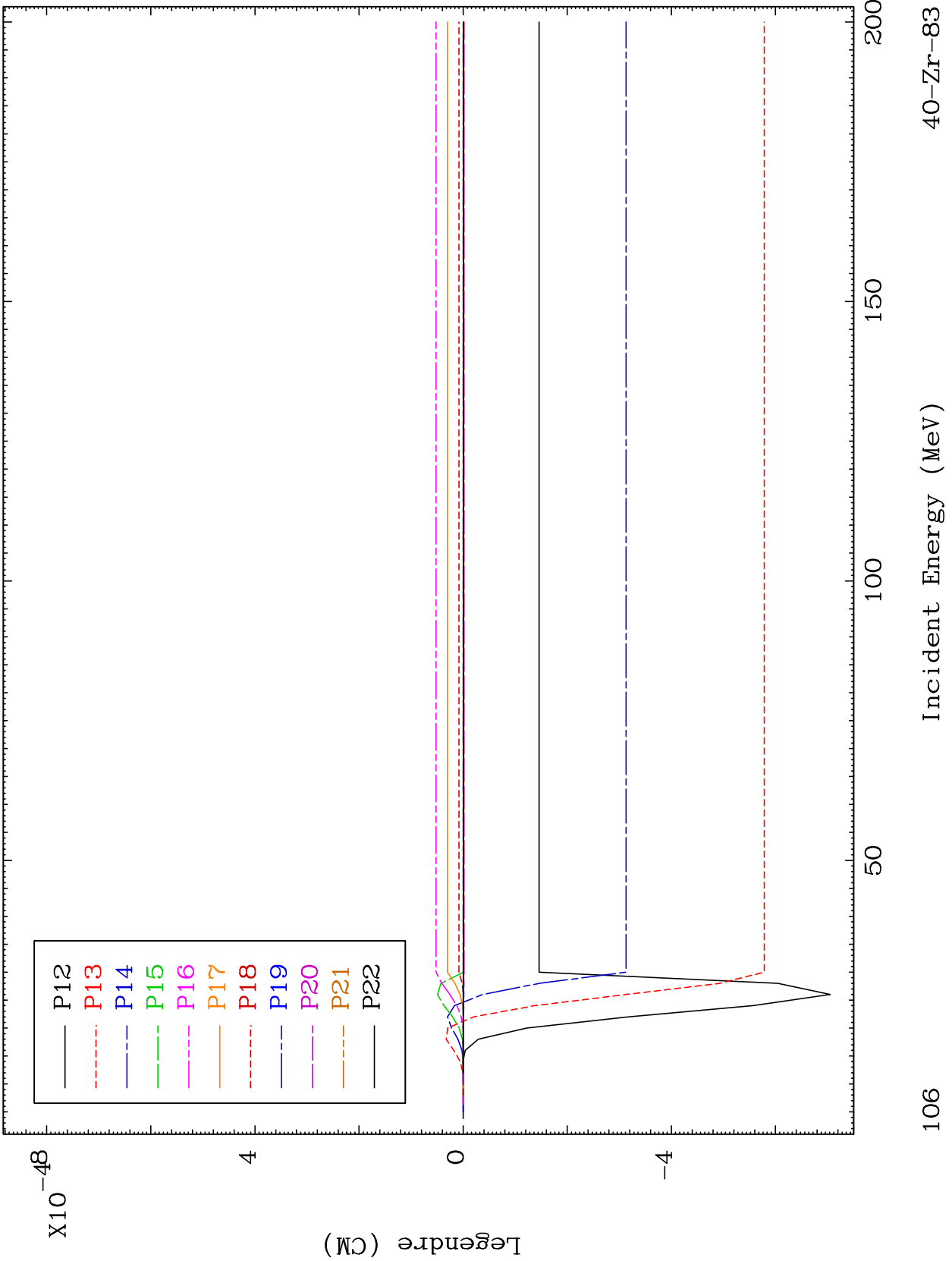




MAT 4004

2.126 MeV (n,n') Level
Legendre Coefficients

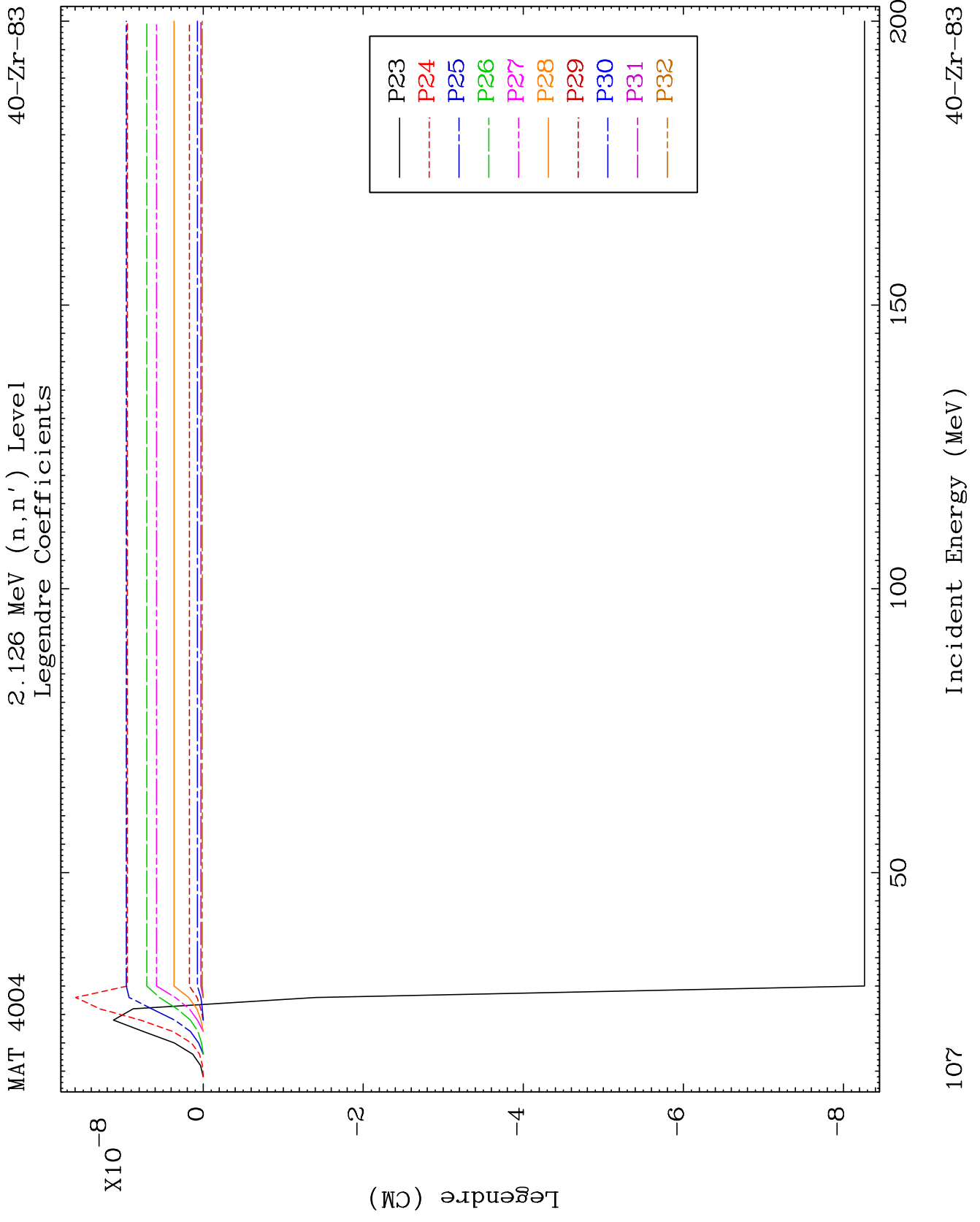
40-Zr-83

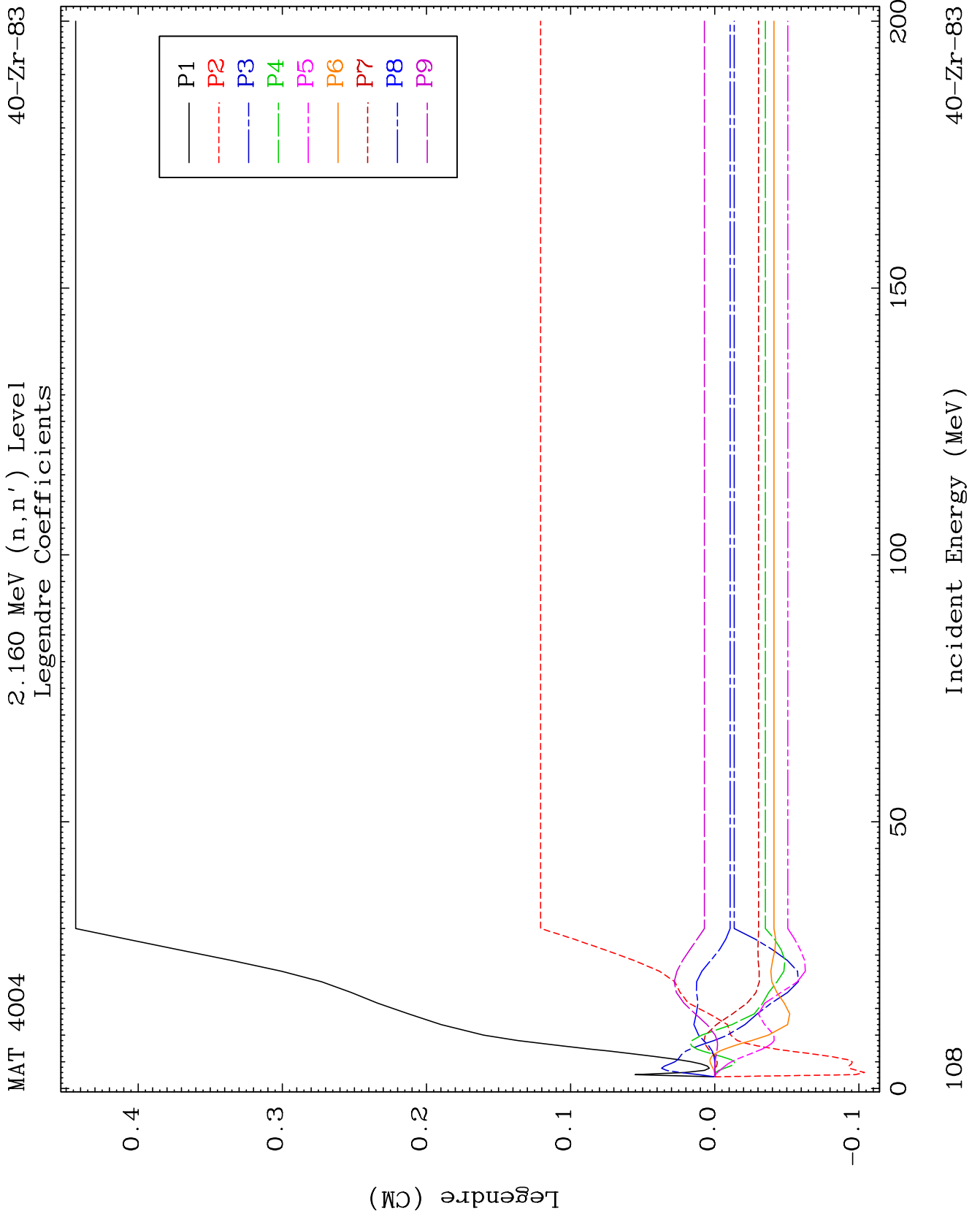


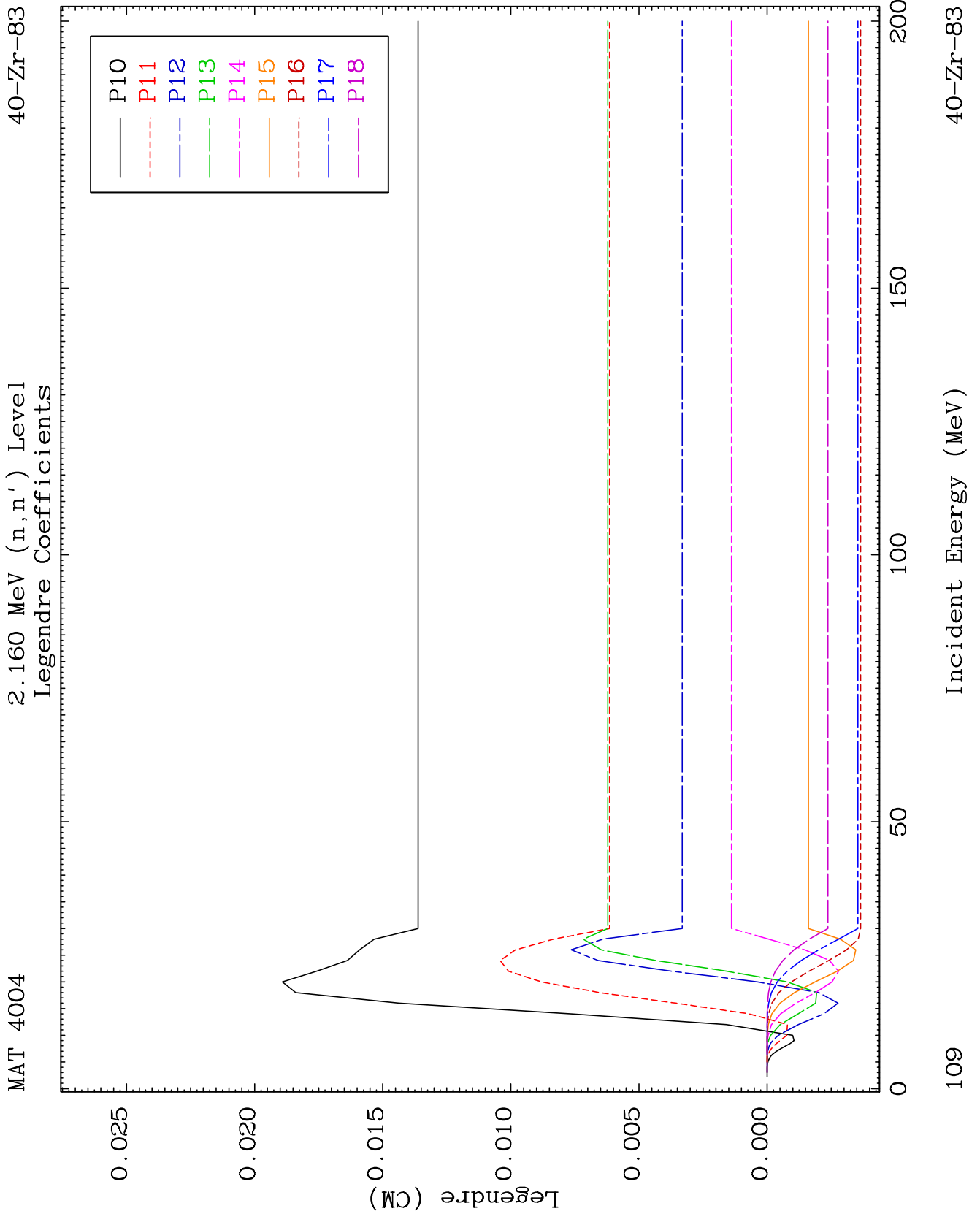
106

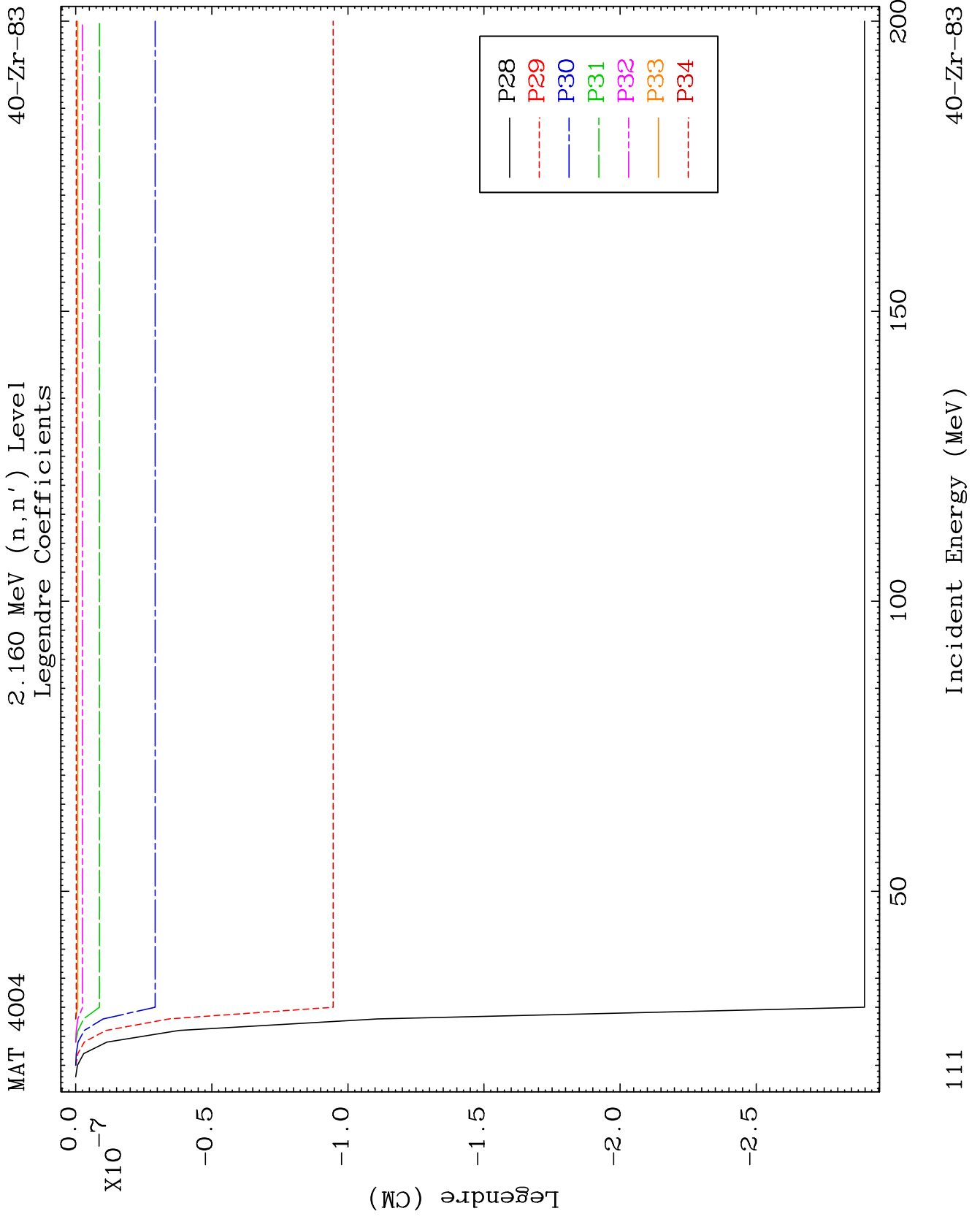
Incident Energy (MeV)

40-Zr-83







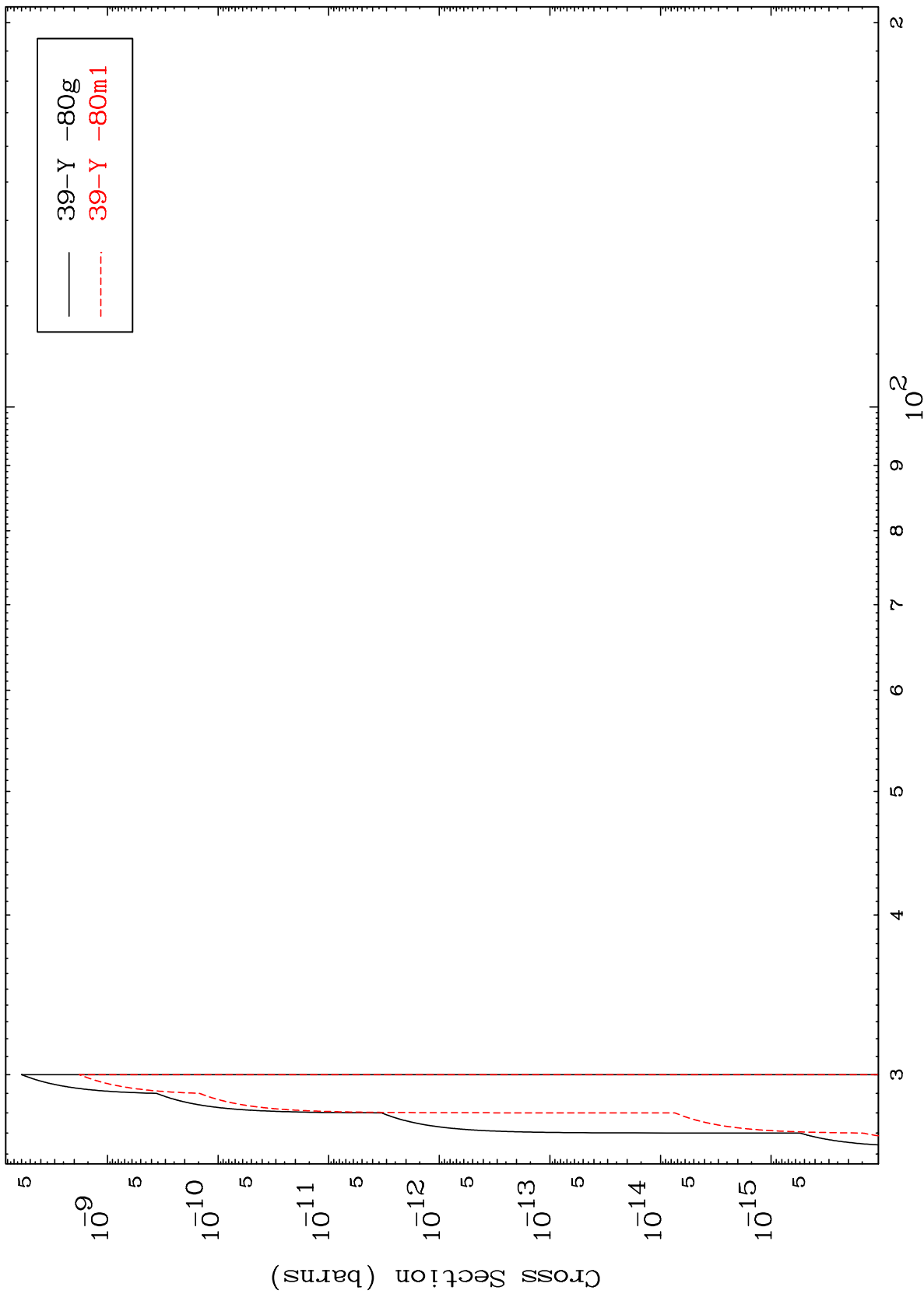


MAT 4004

(n,2n) d

40-Zr-83

Radionuclide Production Cross Section

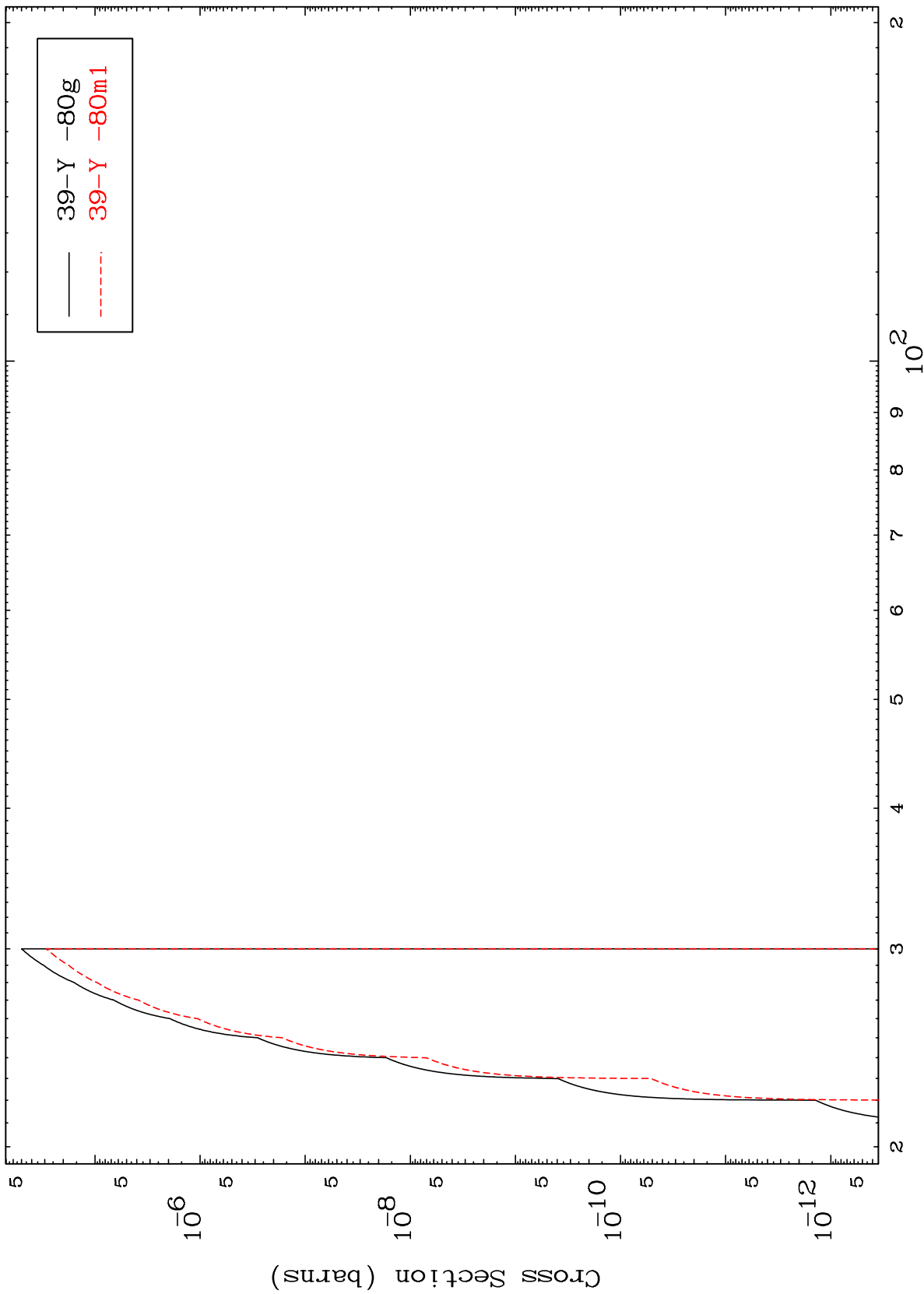


MAT 4004

(n,n') t

40-Zr-83

Radionuclide Production Cross Section



113

Incident Energy (MeV)

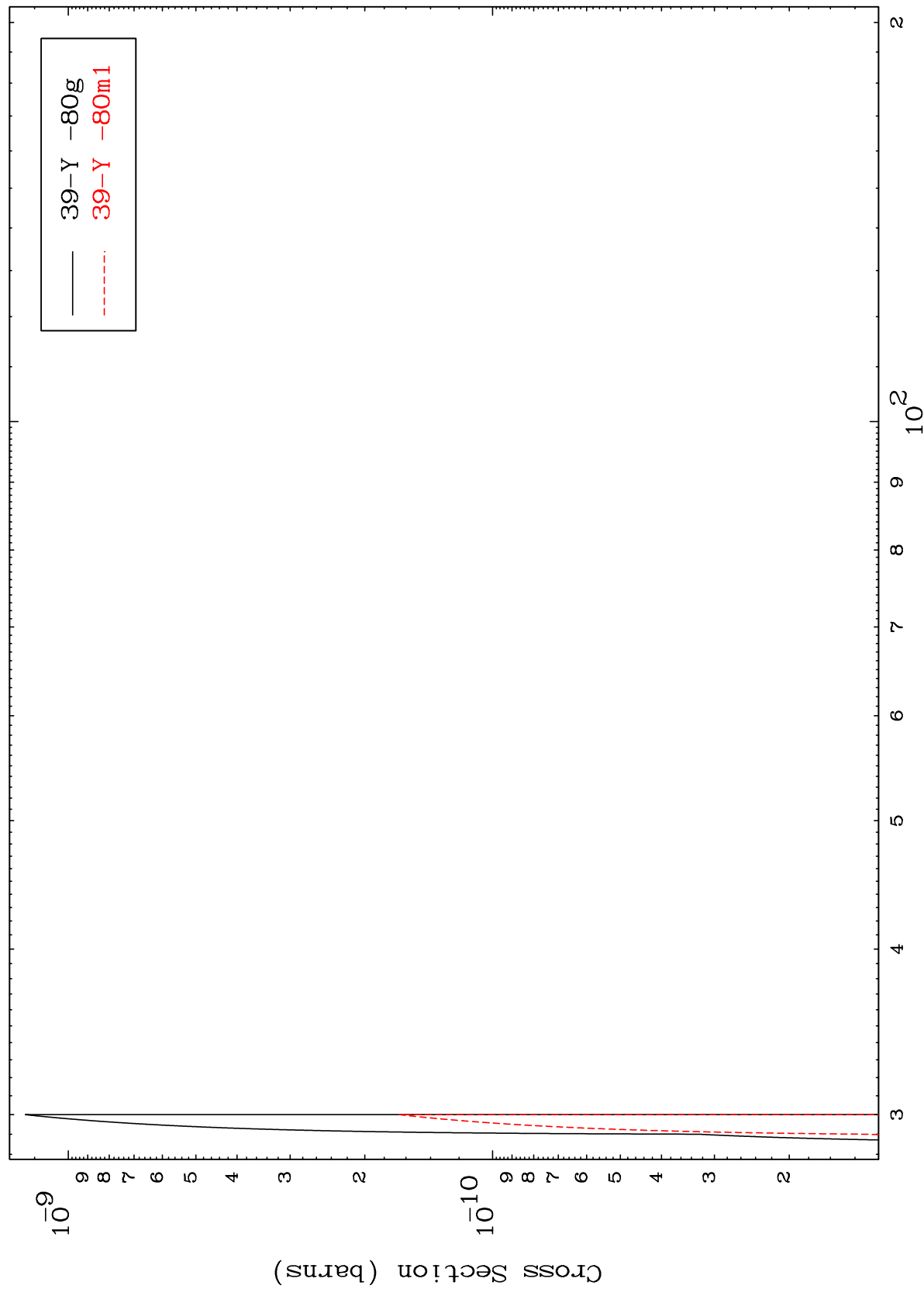
40-Zr-83

MAT 4004

(n,3n) p

40-Zr-83

Radionuclide Production Cross Section



114

Incident Energy (MeV)

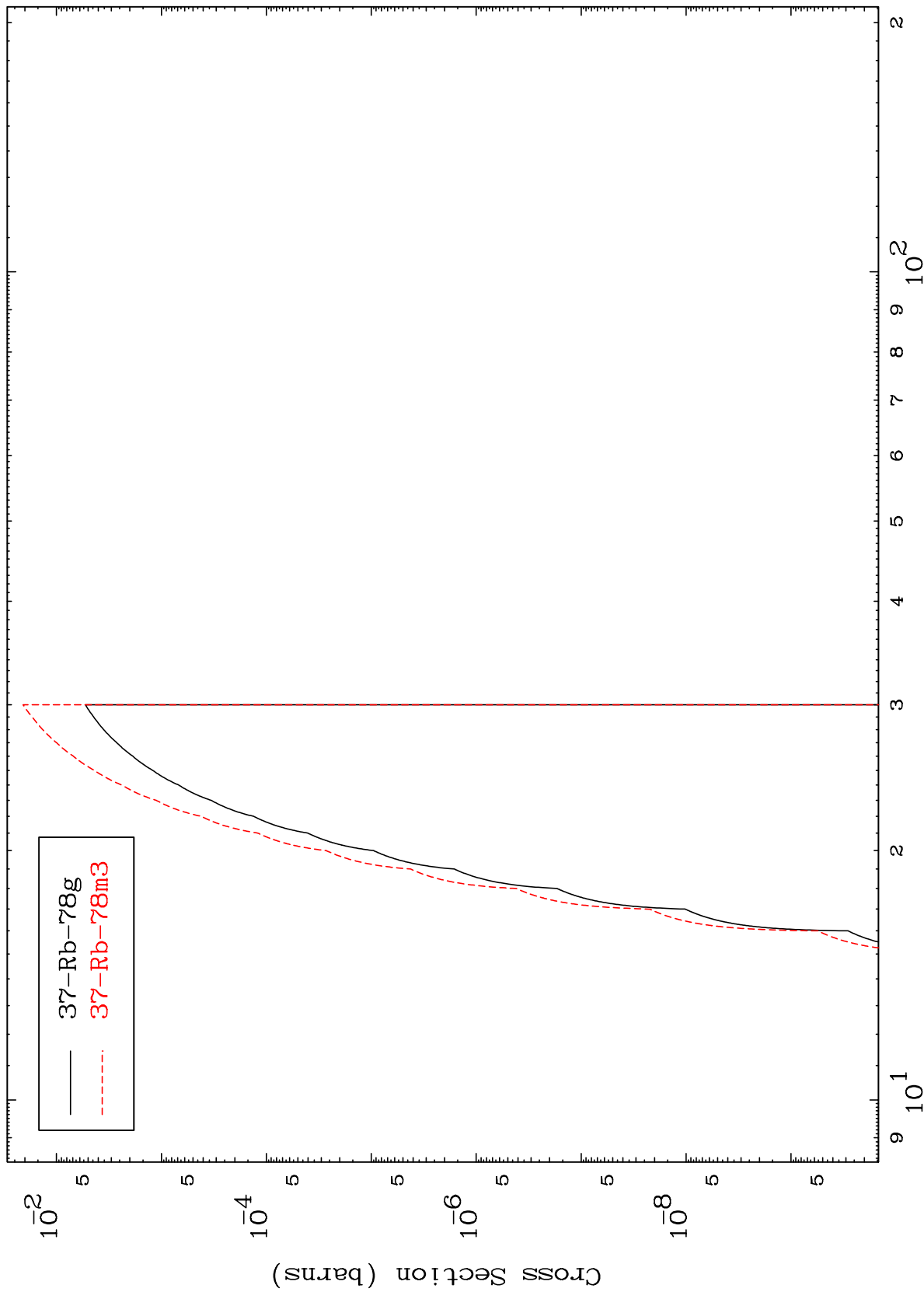
40-Zr-83

MAT 4004

(n,n') p α

40-Zr-83

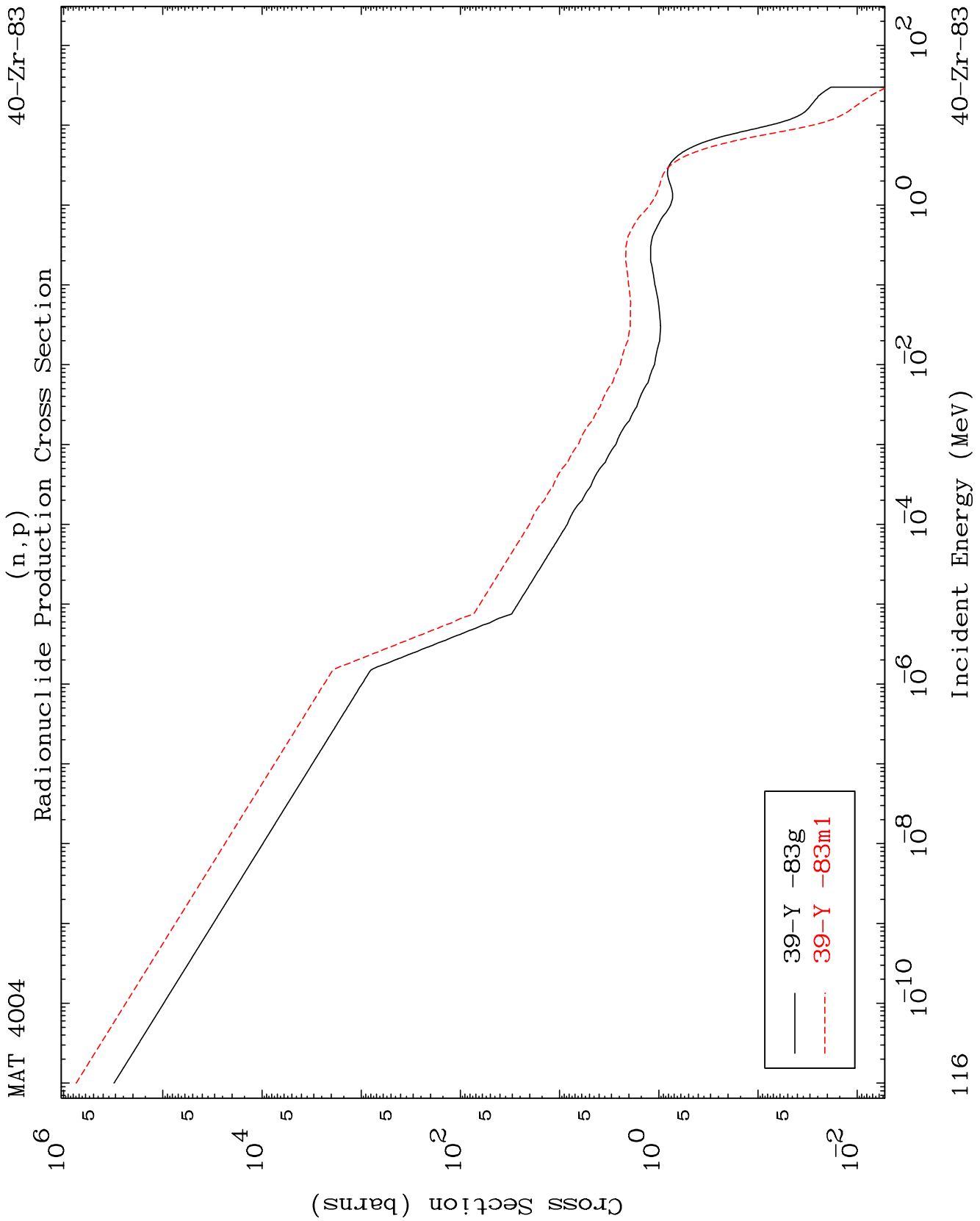
Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-83

115

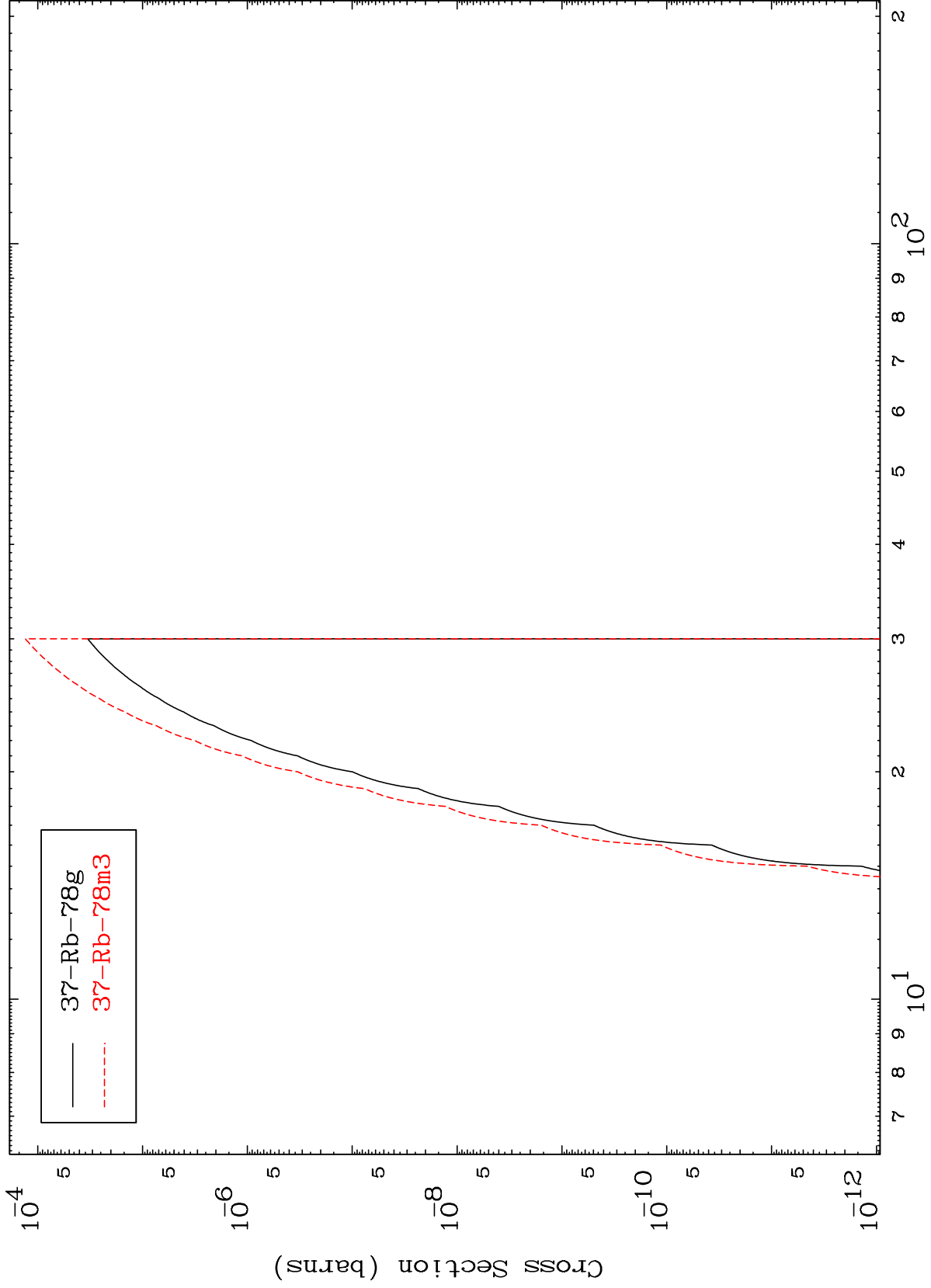


MAT 4004

(n,d) α

40-Zr-83

Radionuclide Production Cross Section



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