

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

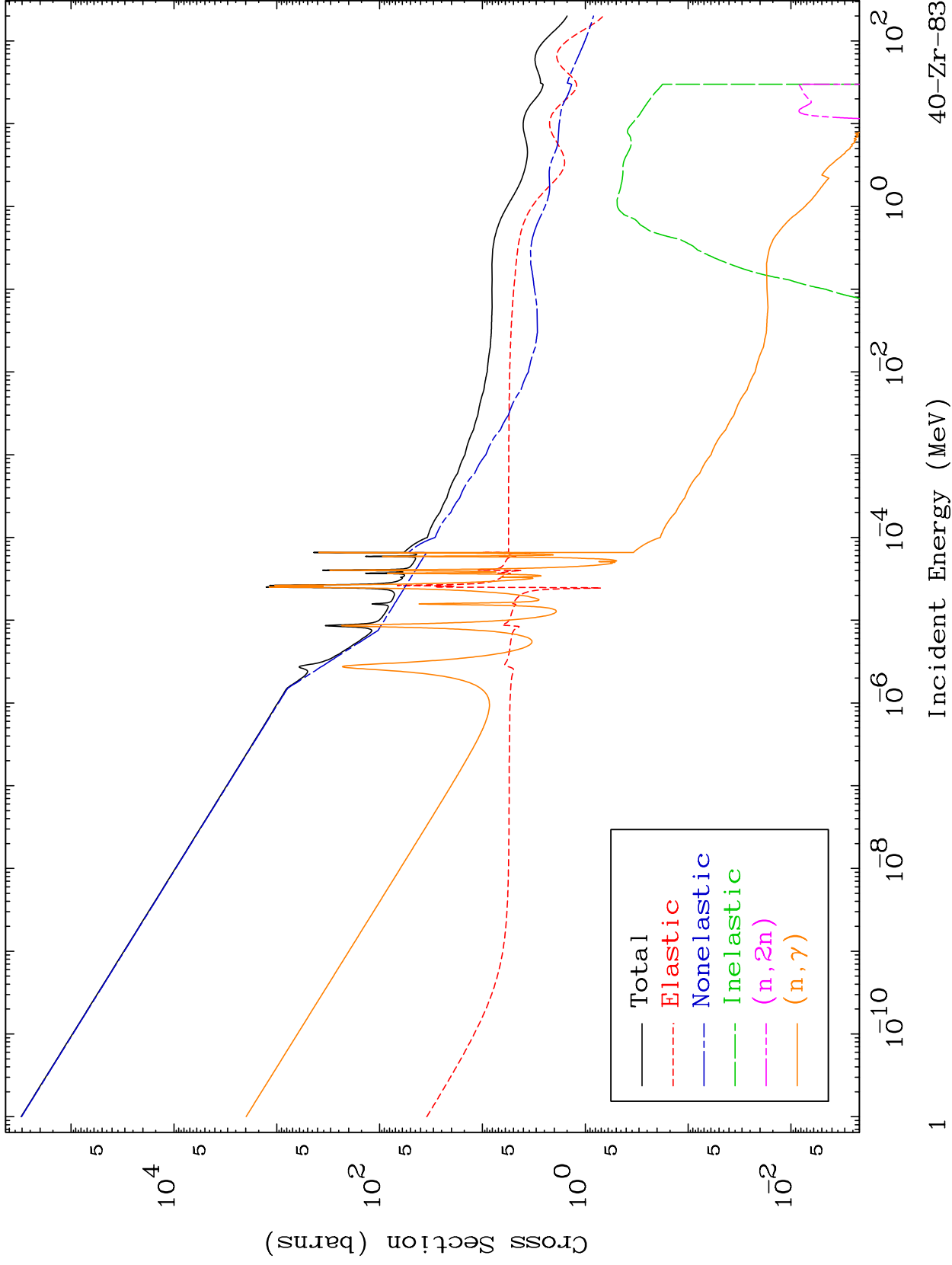
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Press Mouse Button to Start

MAT 4004

Neutron Major
293 Kelvin Cross Sections

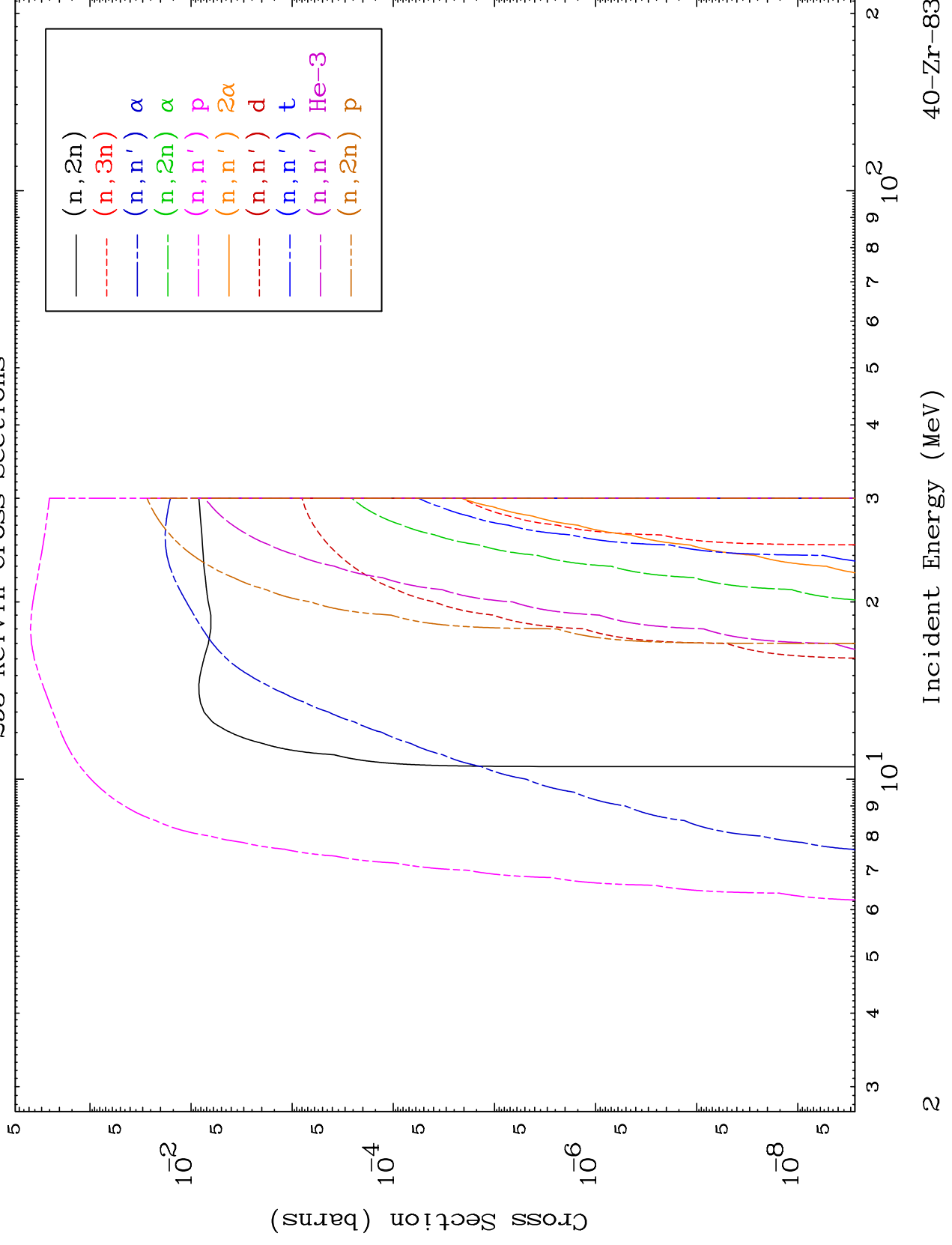
40-Zr-83



MAT 4004

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-83



40-Zr-83

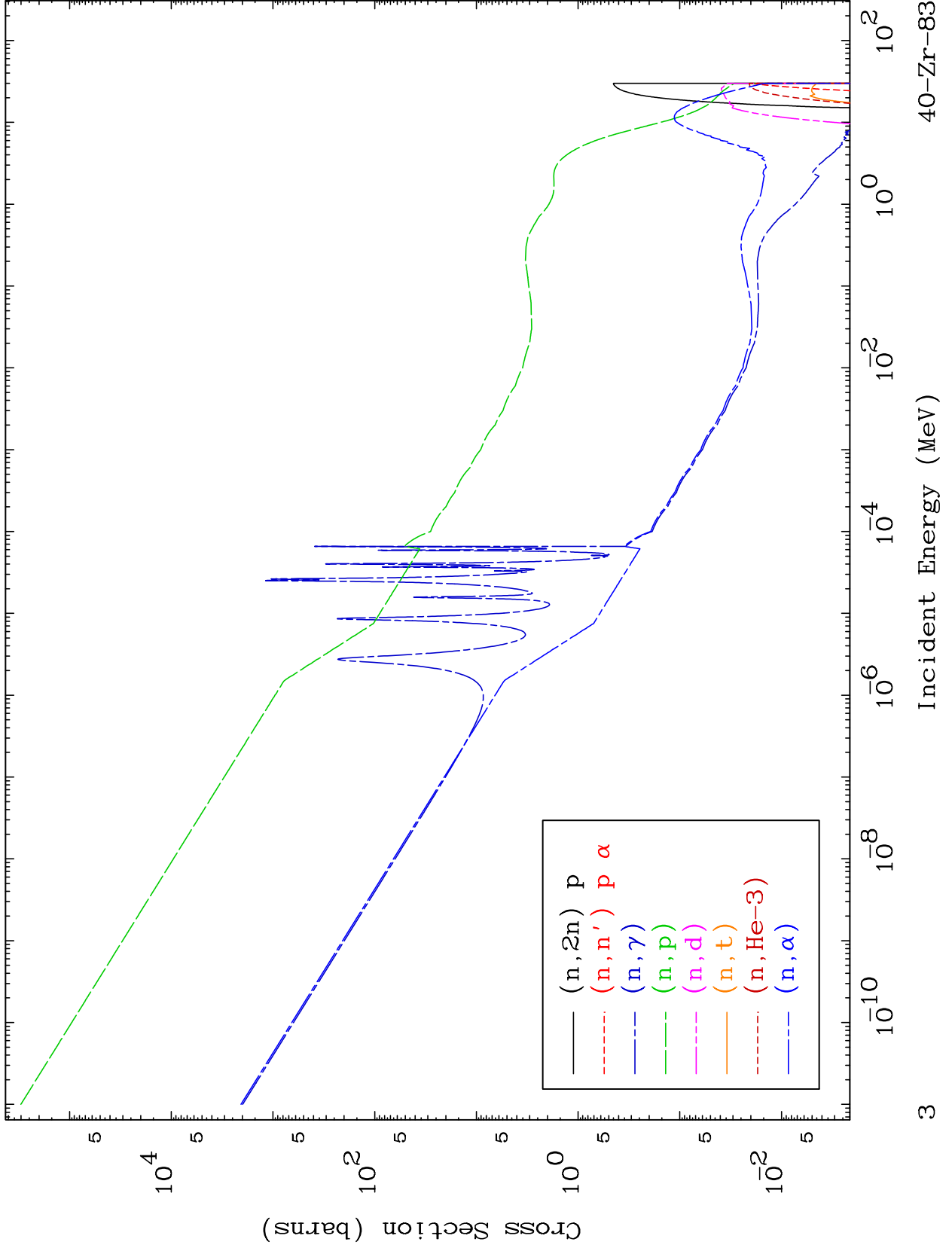
Incident Energy (MeV)

2

MAT 4004

Neutron Absorption
293 Kelvin Cross Sections

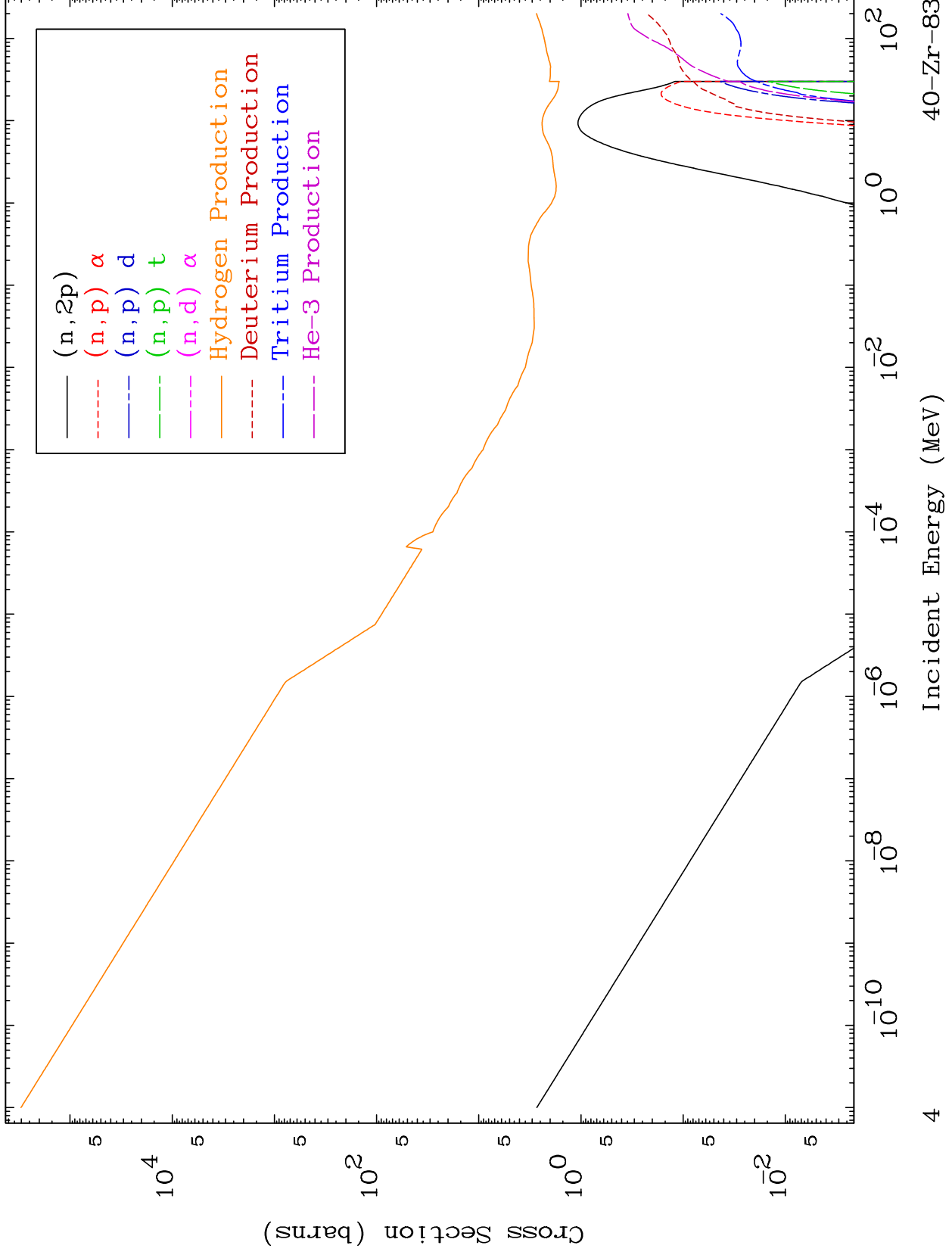
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MAT 4004

Neutron Absorption
293 Kelvin Cross Sections

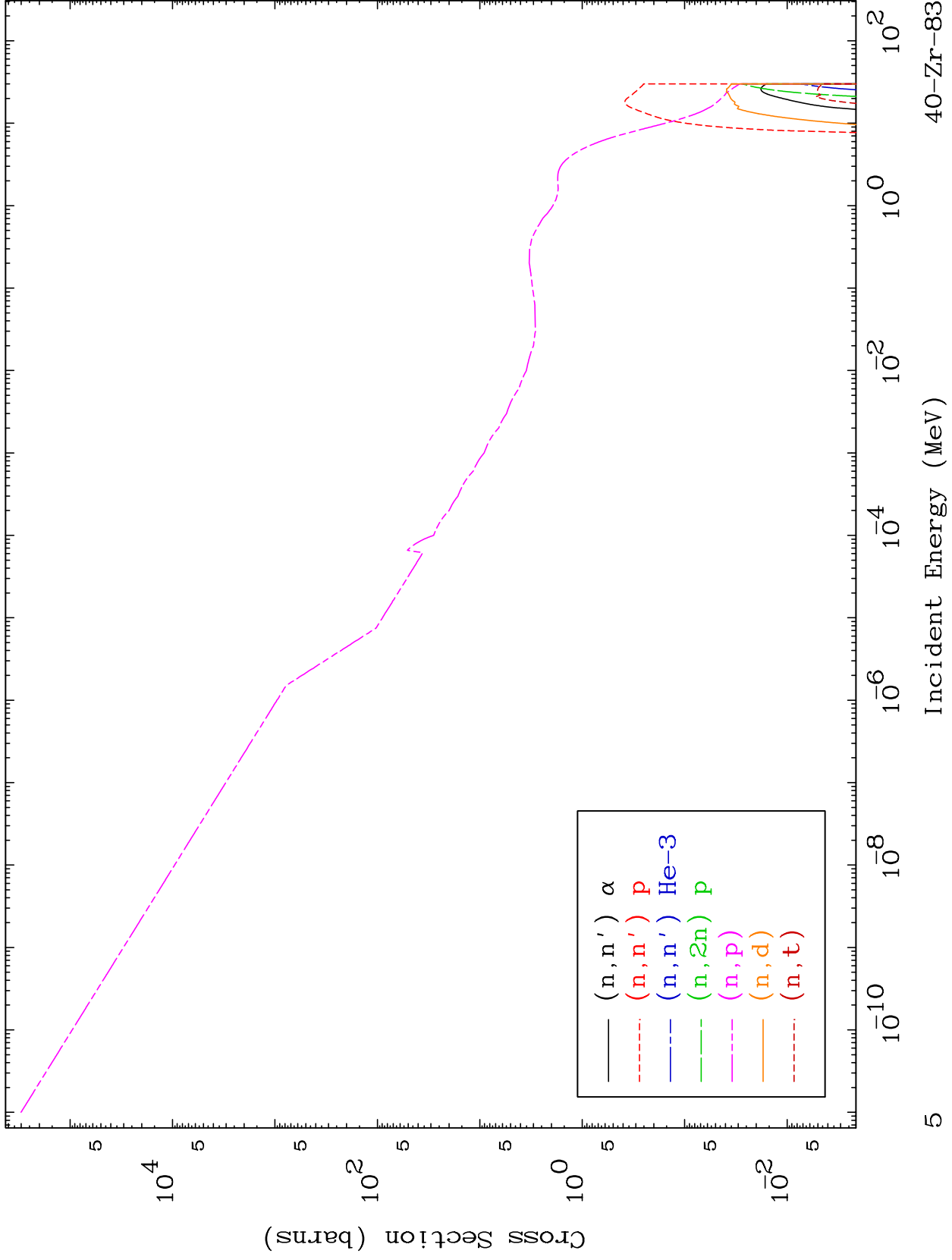
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MAT 4004

Charged Particle
293 Kelvin Cross Sections

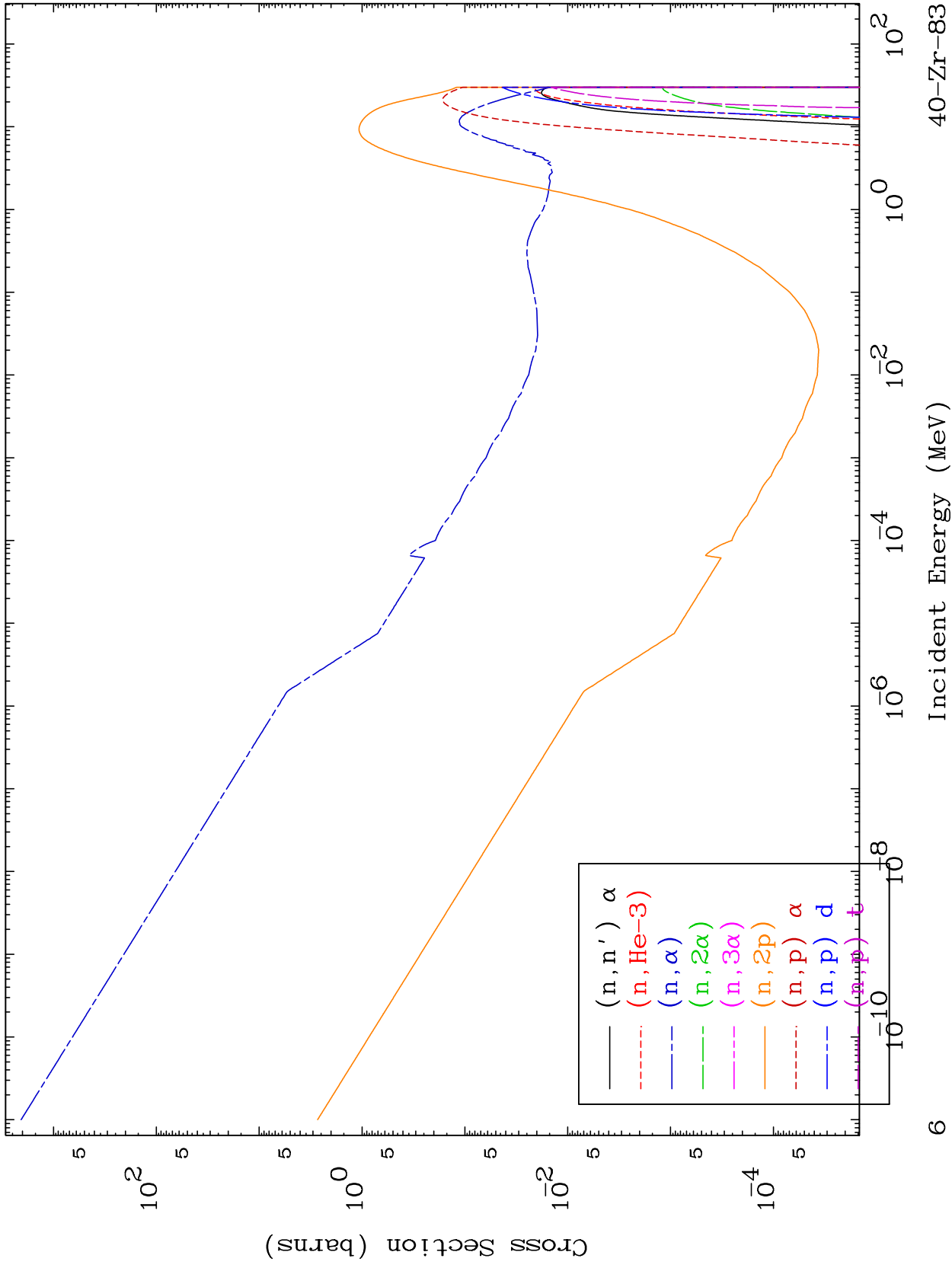
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MAT 4004

Charged Particle
293 Kelvin Cross Sections

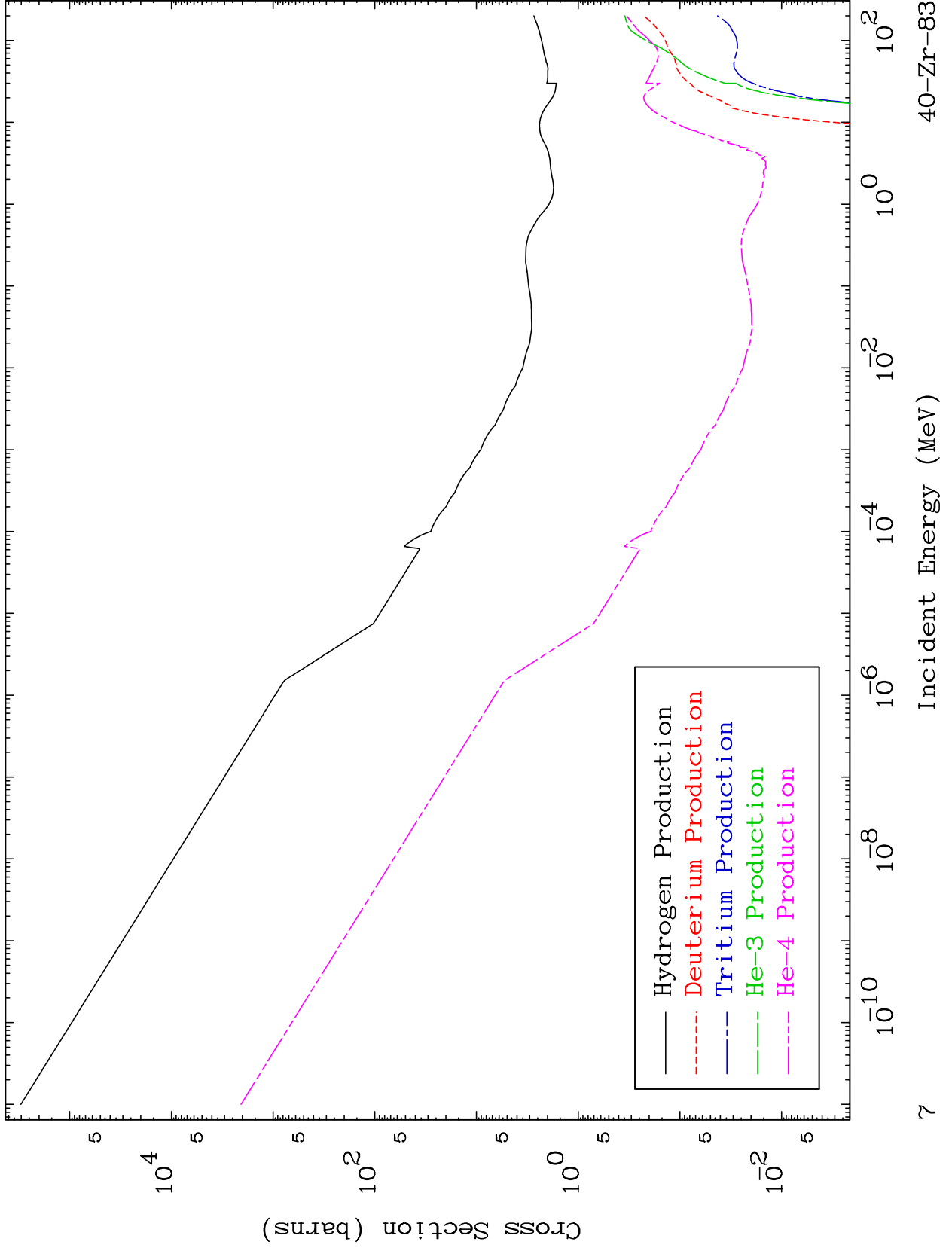
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MAT 4004

Particle Production
293 Kelvin Cross Sections

40-Zr-83

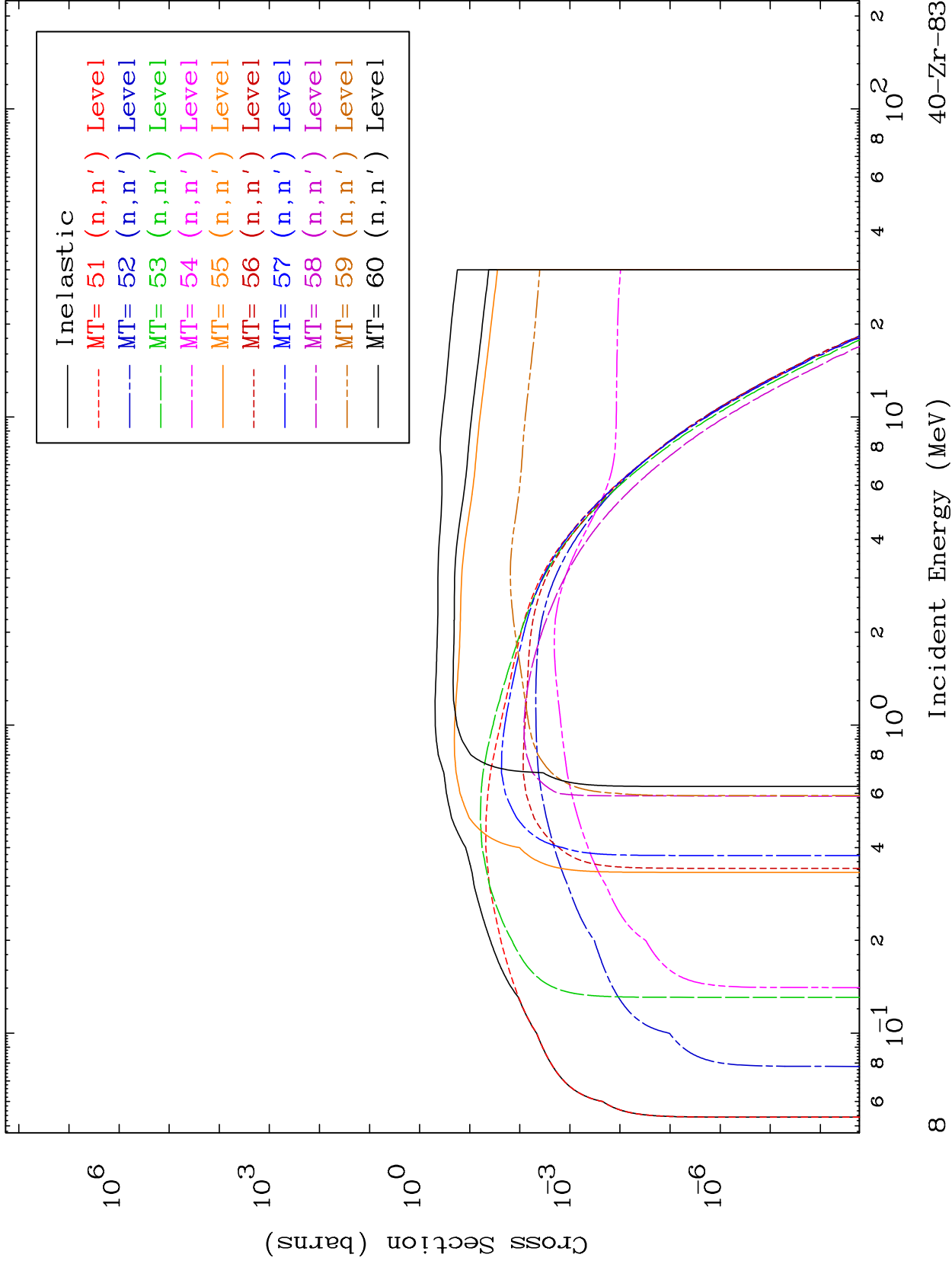


MAT 4004

(n,n') Levels

40-Zr-83

293 Kelvin Cross Sections

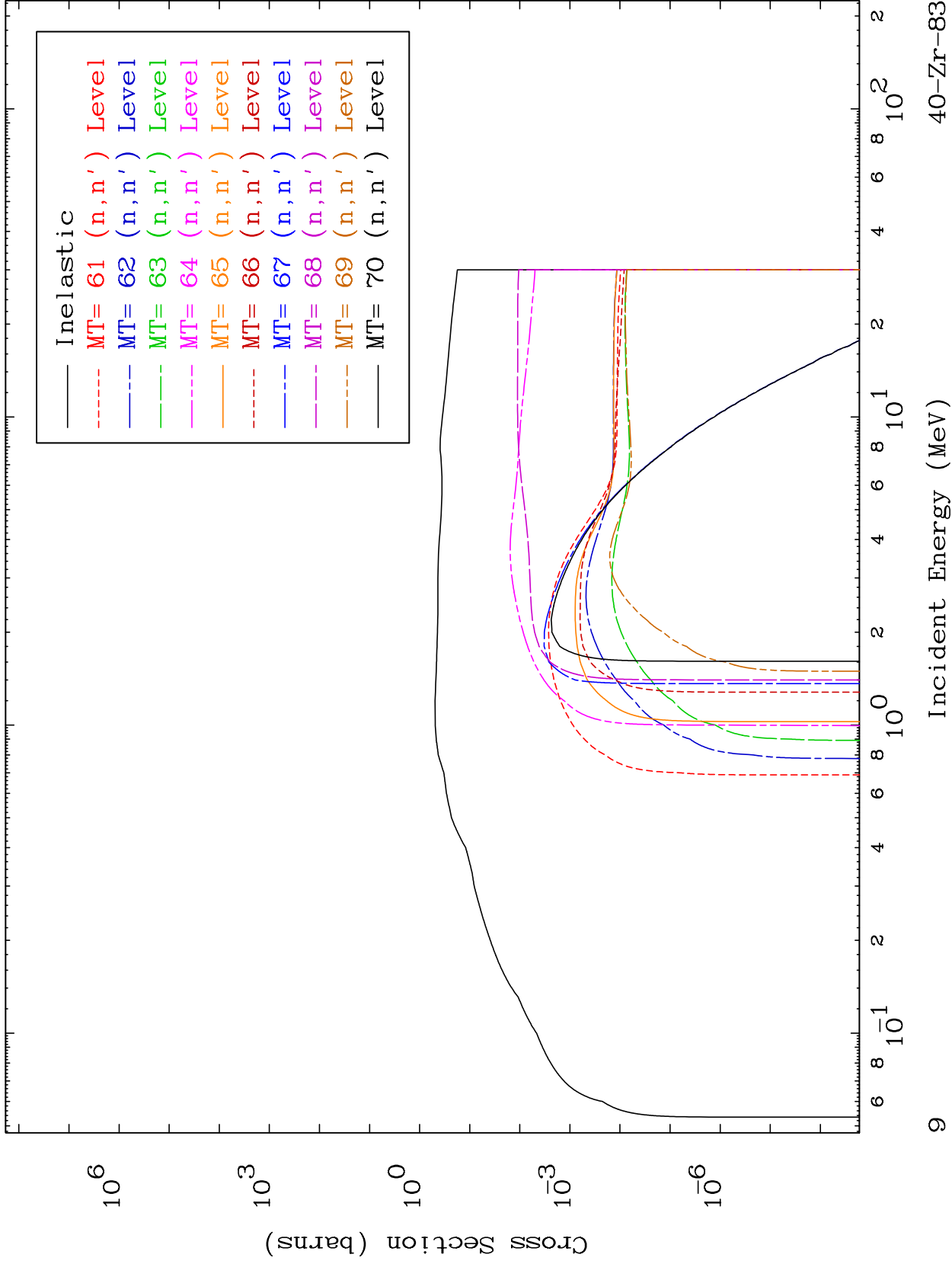


MAT 4004

(n,n') Levels

293 Kelvin Cross Sections

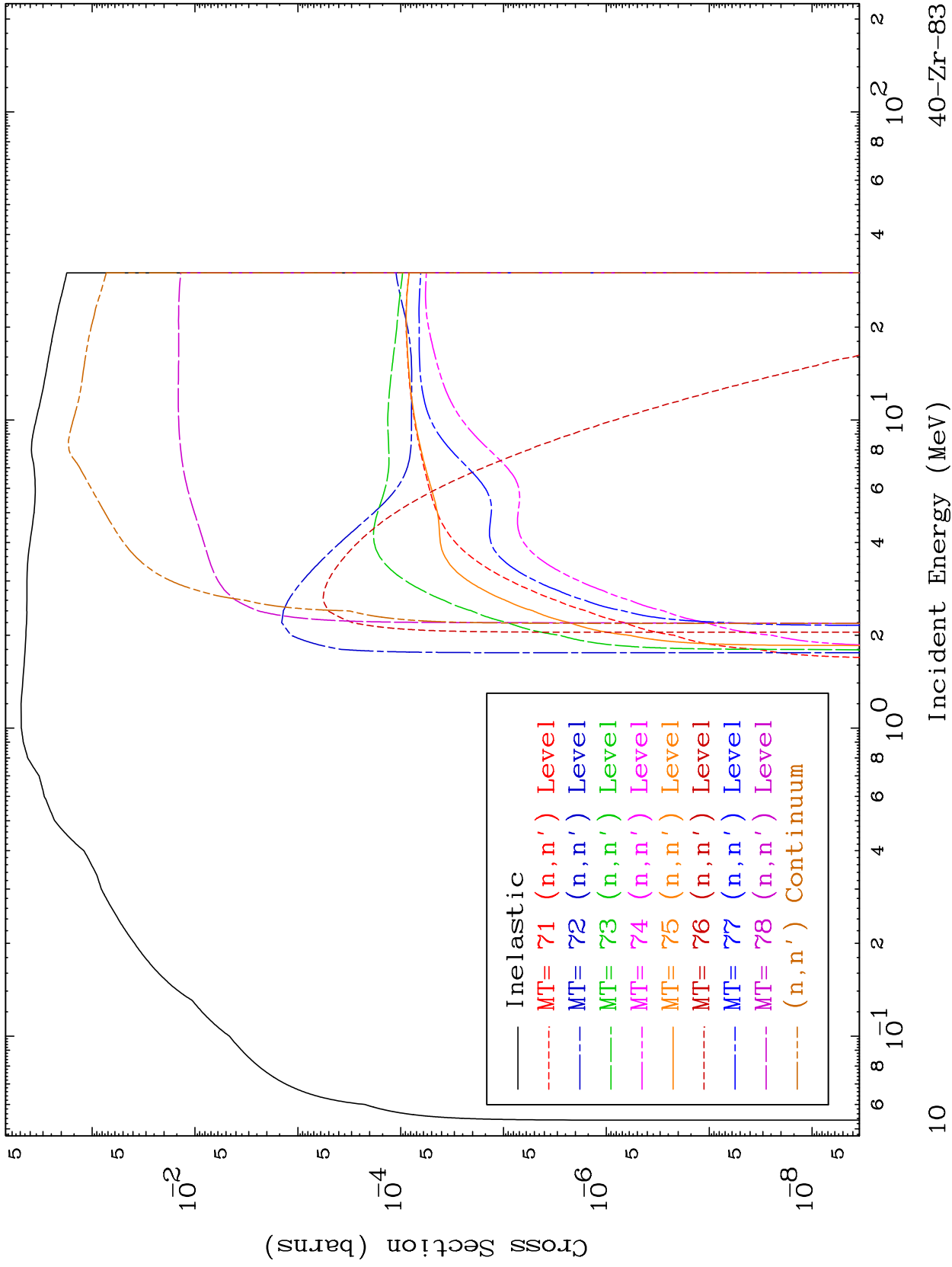
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MAT 4004

(n,n') Levels
293 Kelvin Cross Sections

40-Zr-83



10

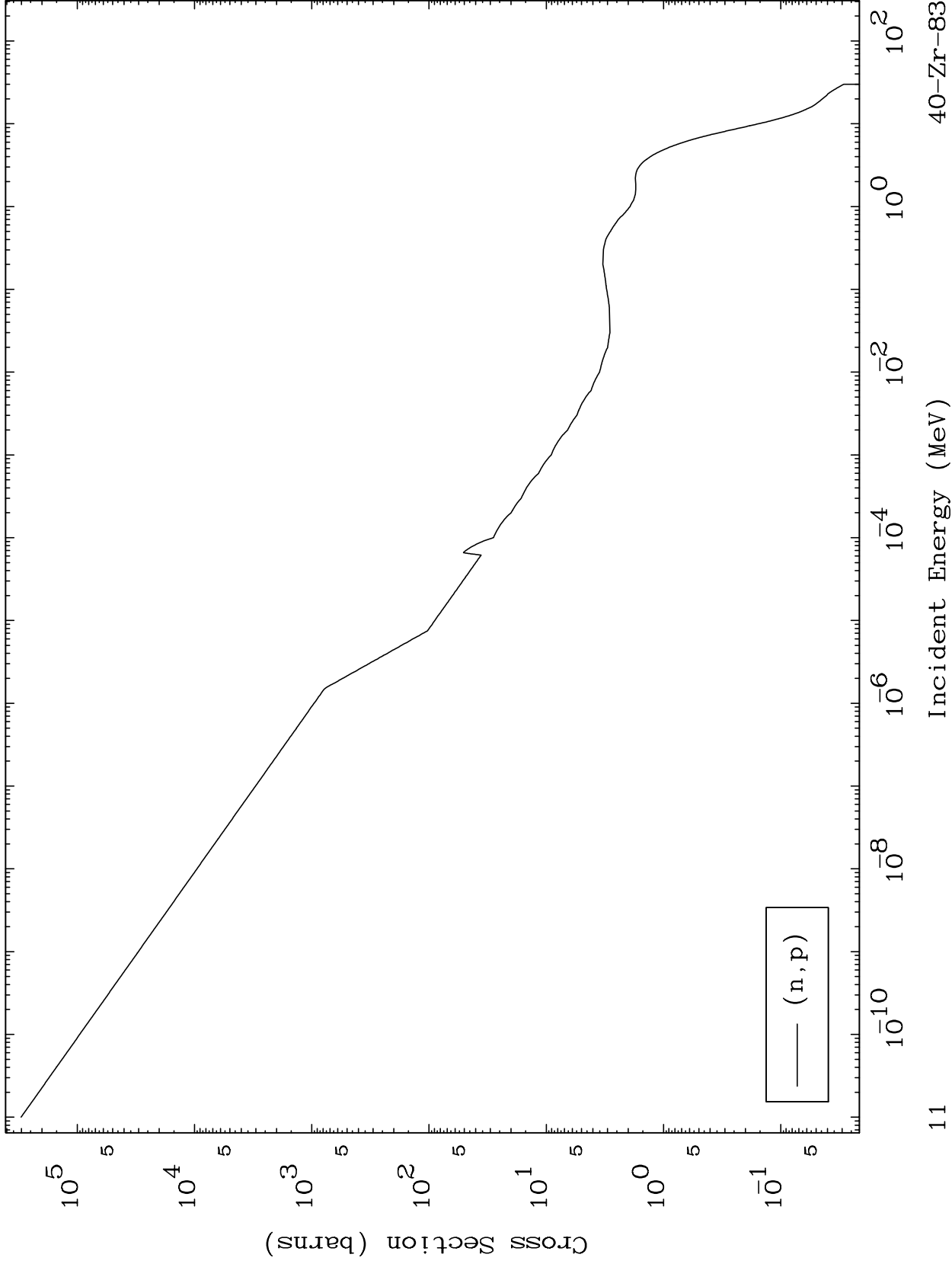
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,p) Levels
293 Kelvin Cross Sections

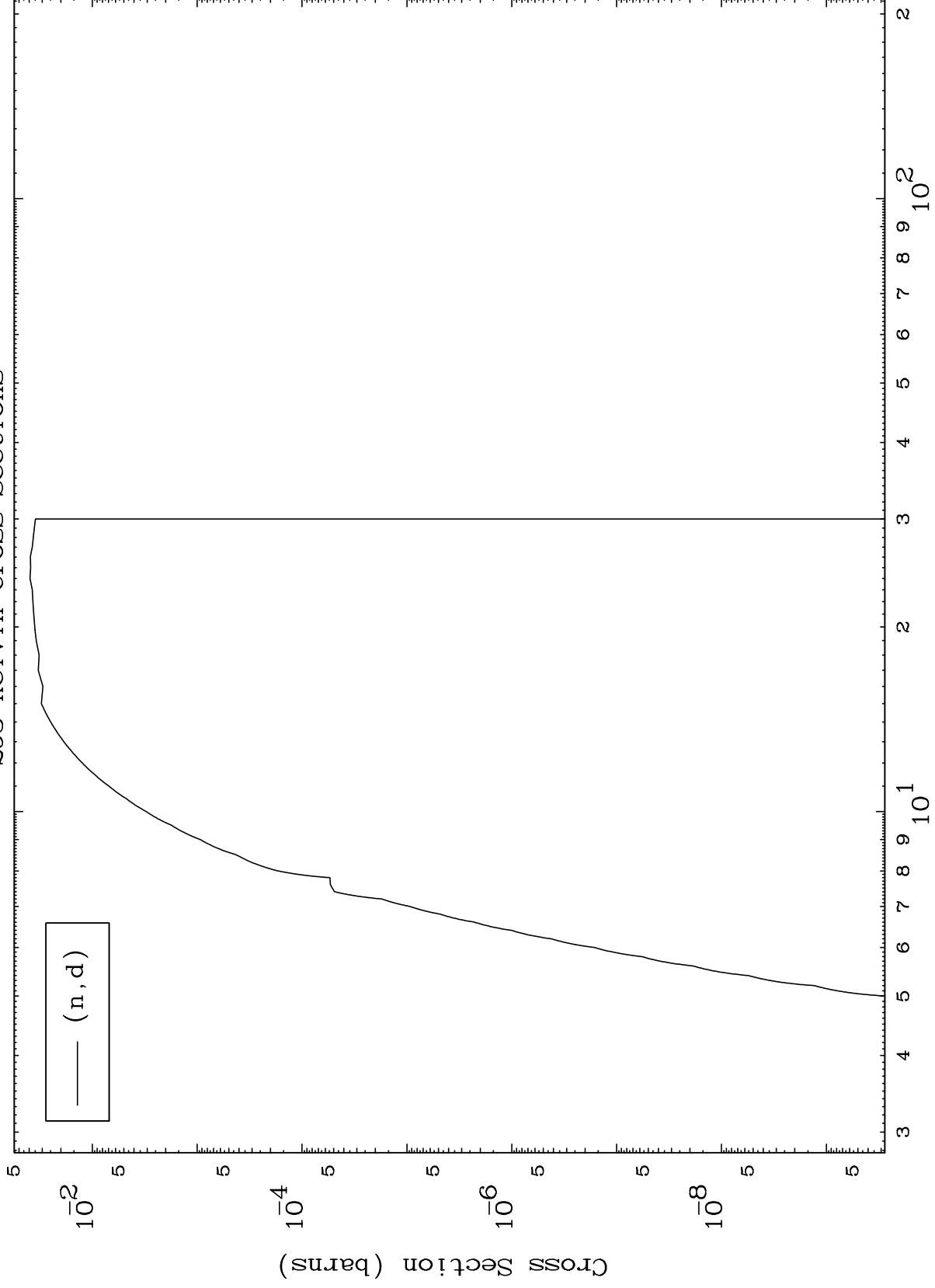
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MAT 4004

(n,d) Levels
293 Kelvin Cross Sections

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12

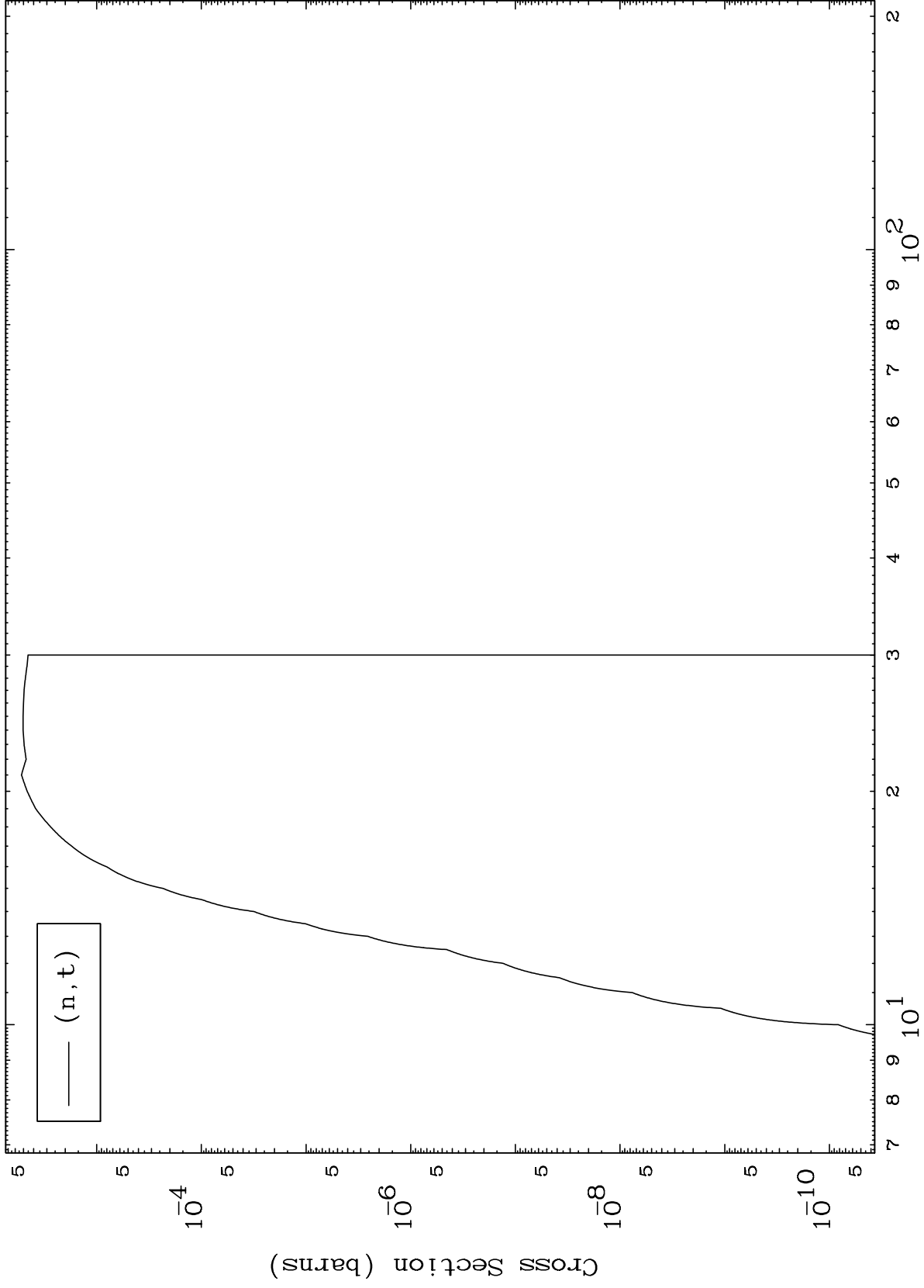
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-83



13

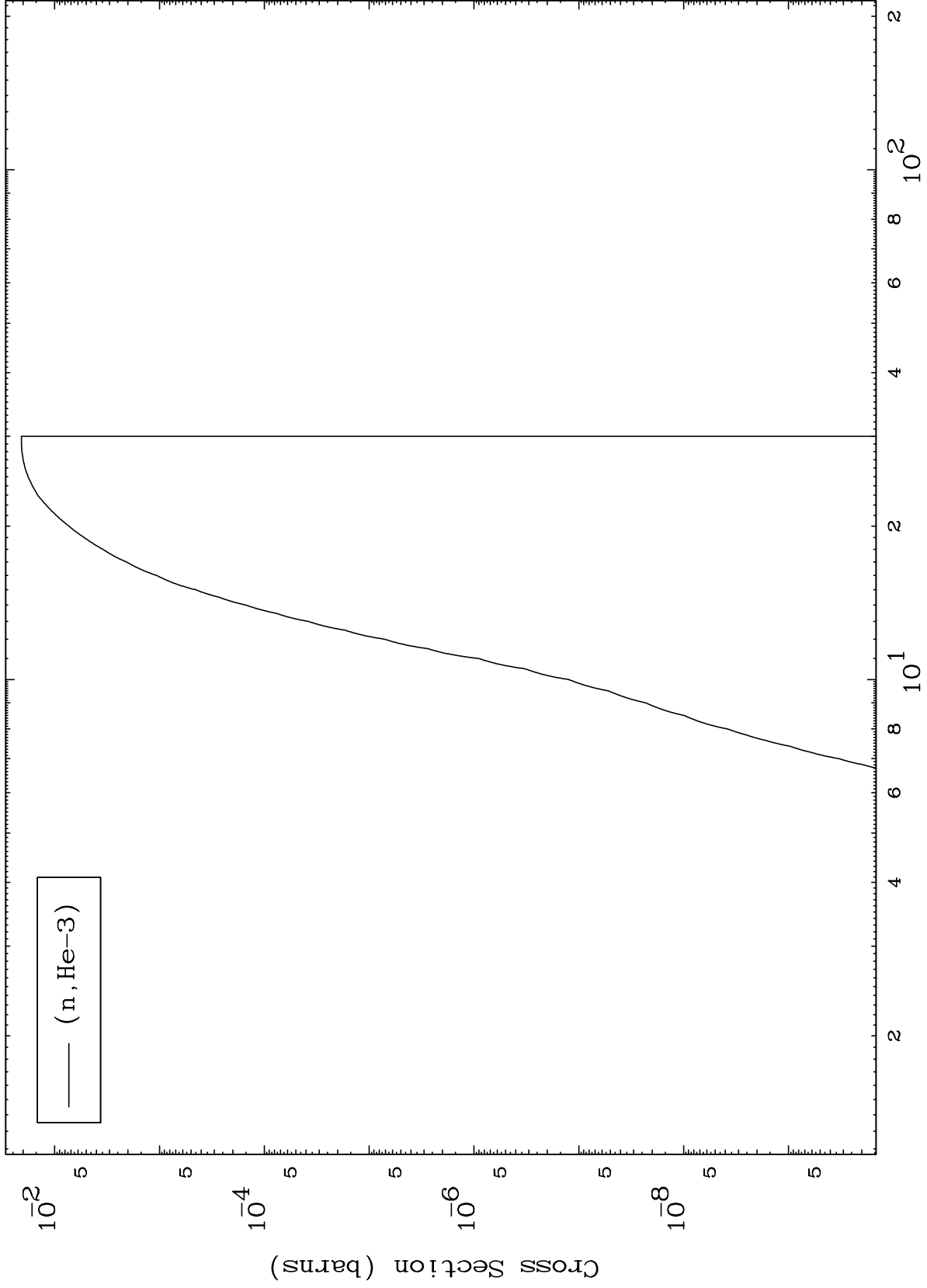
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,He3) Levels
293 Kelvin Cross Sections

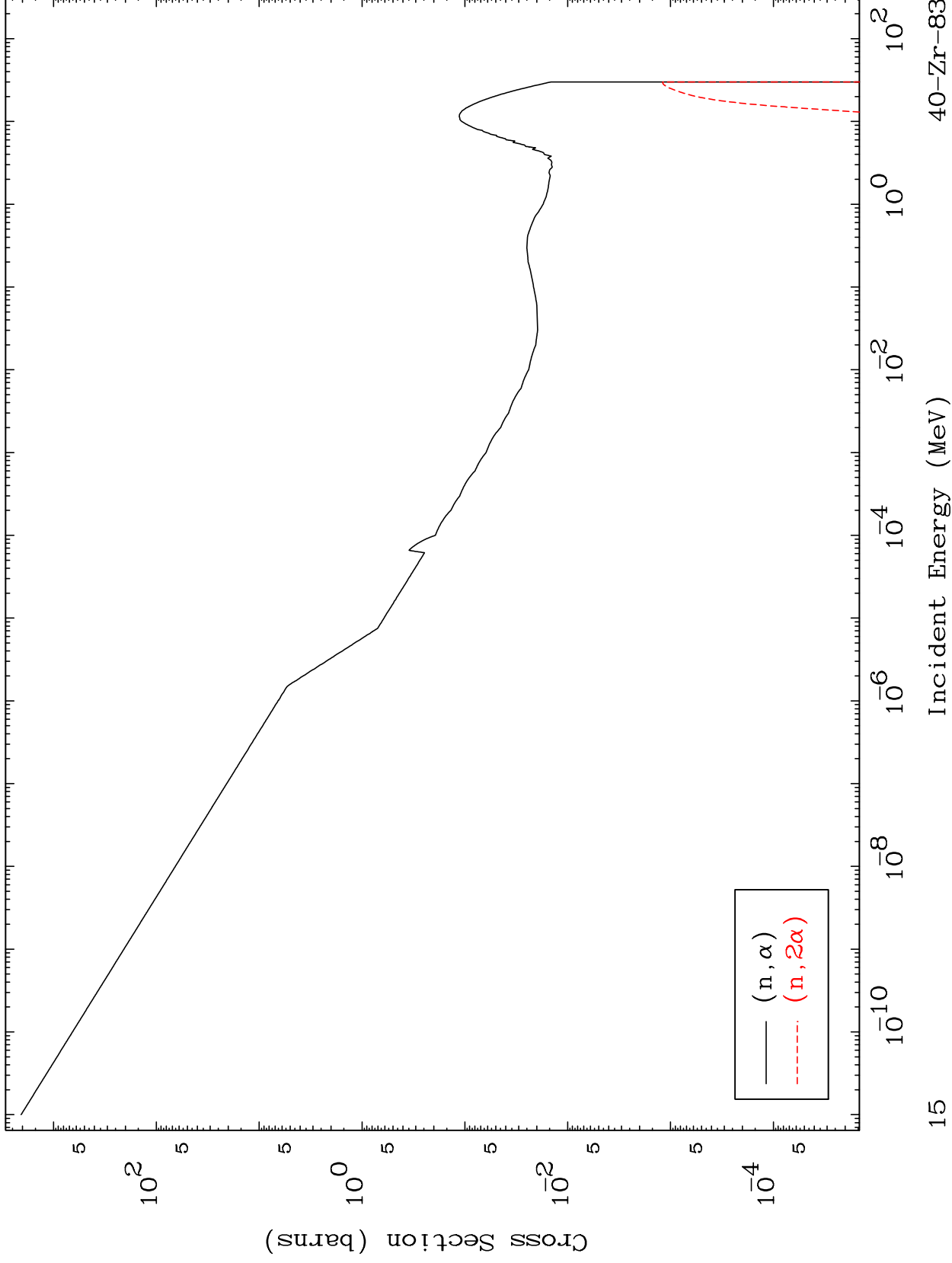
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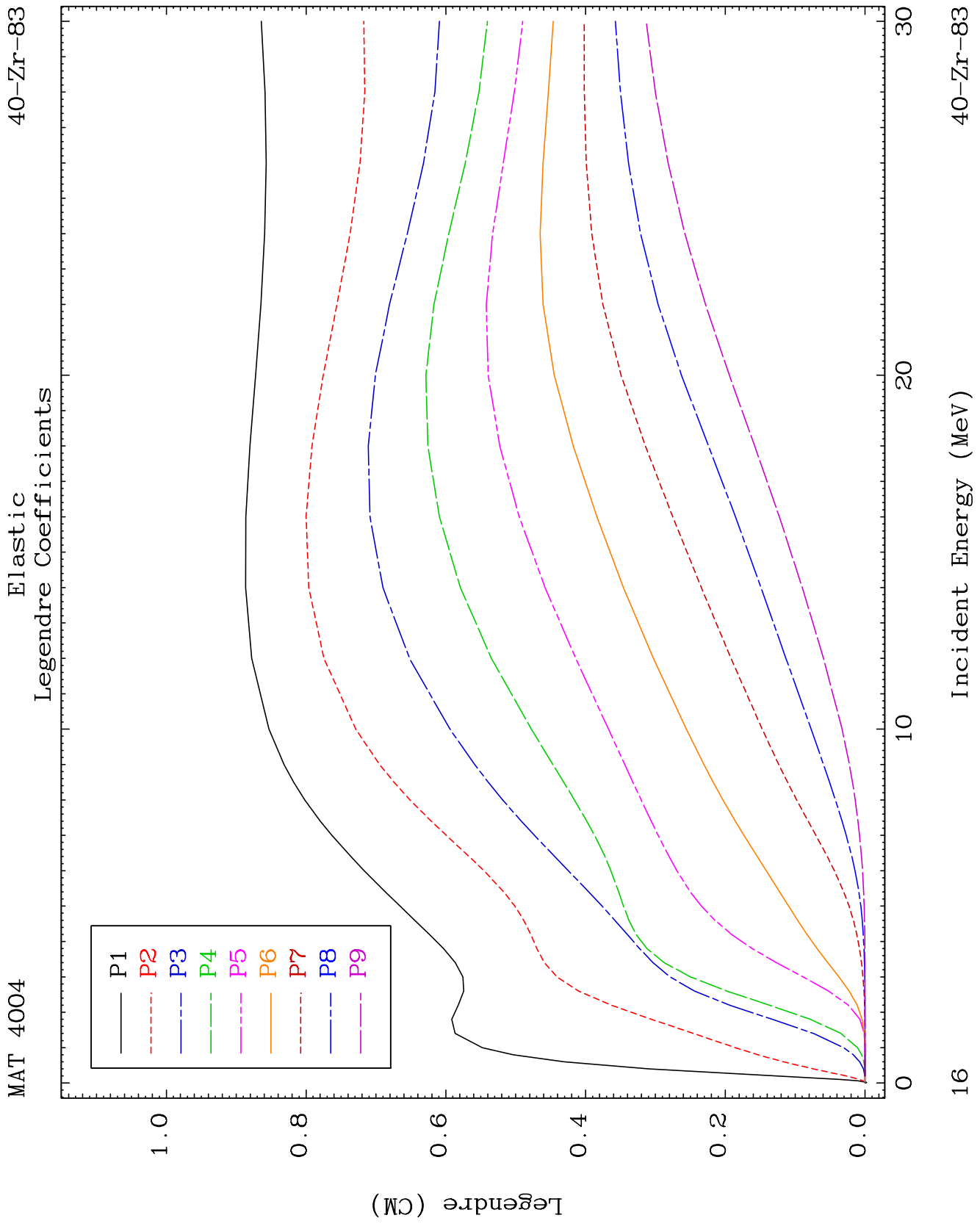


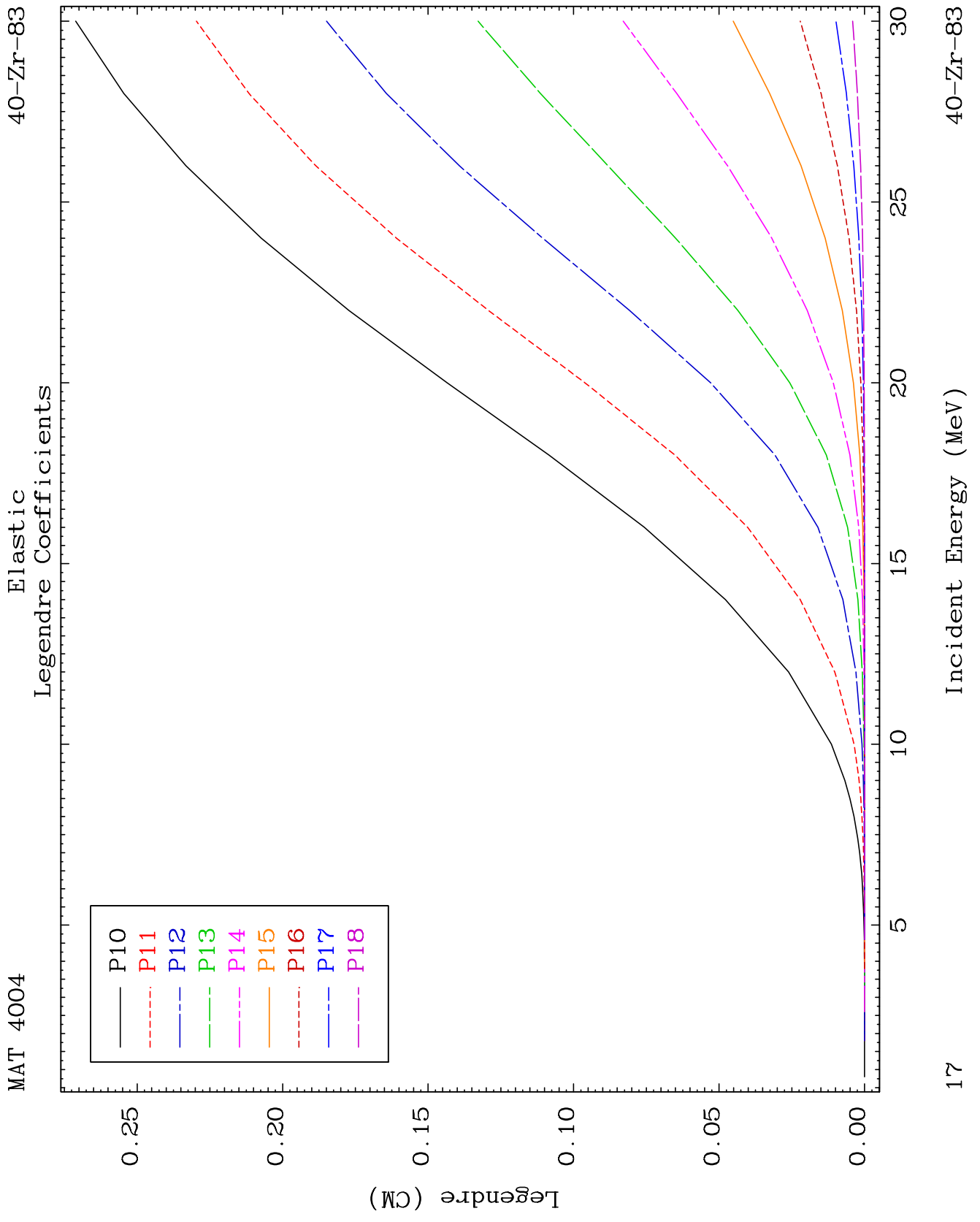
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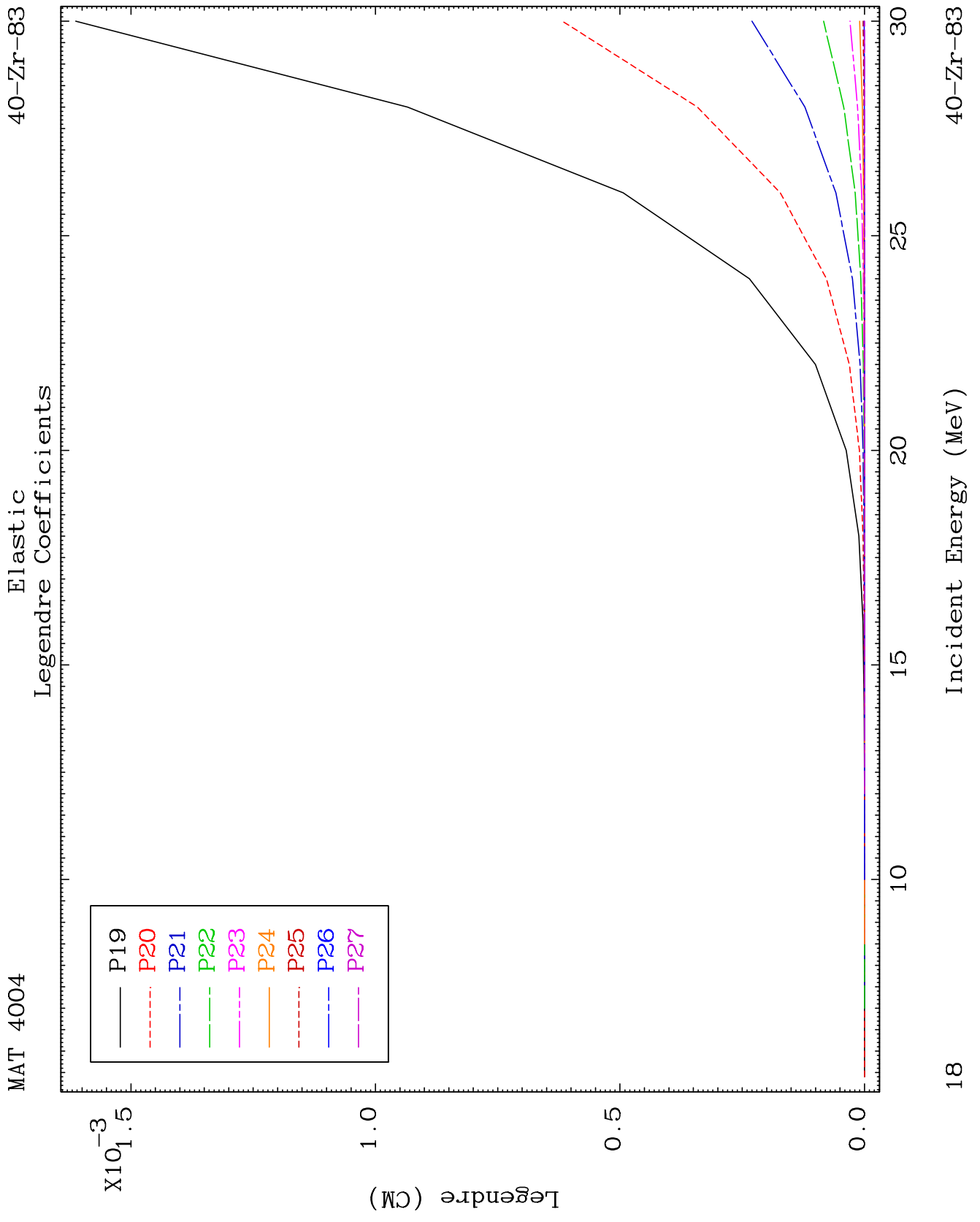
(n, α) Levels
293 Kelvin Cross Sections

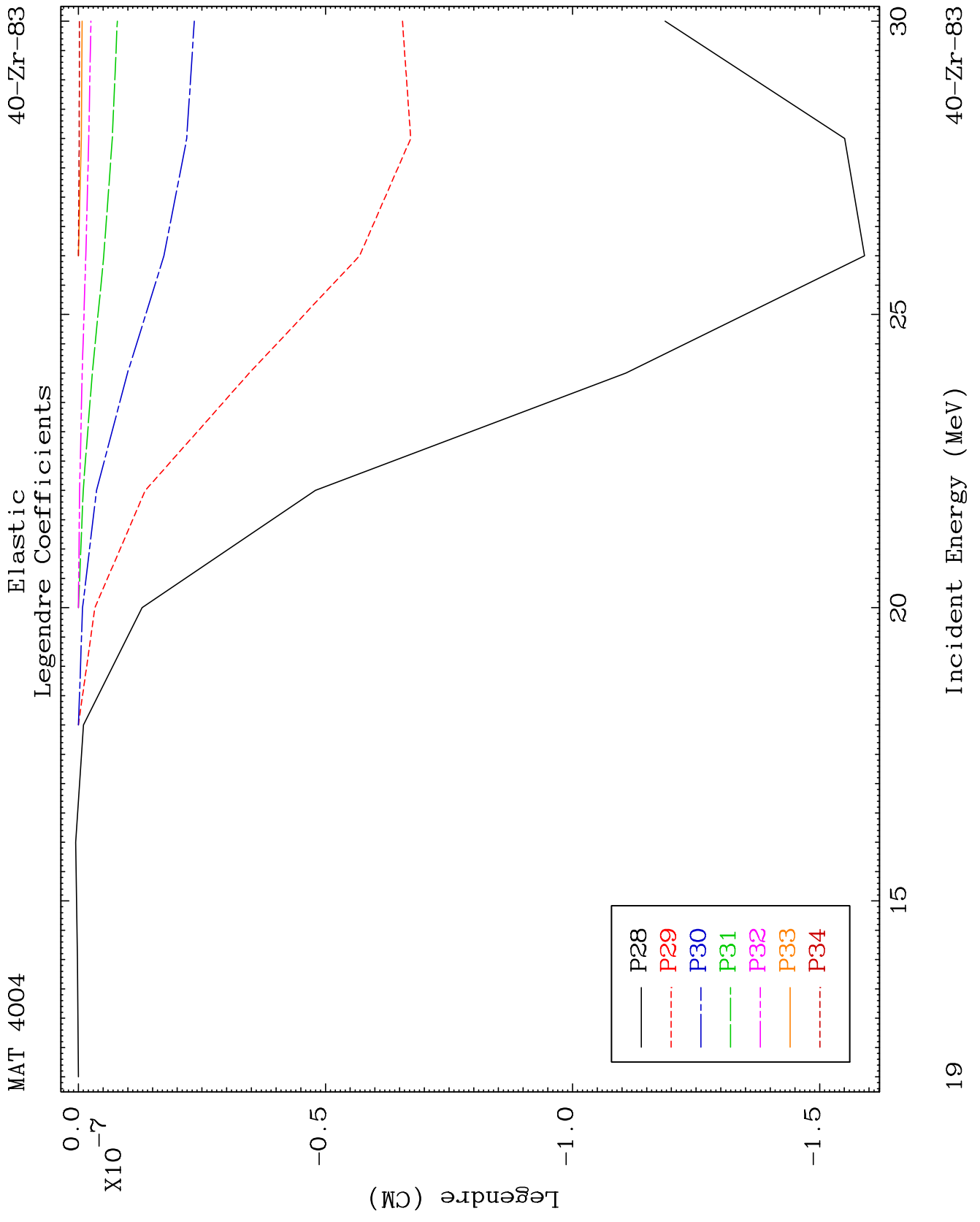
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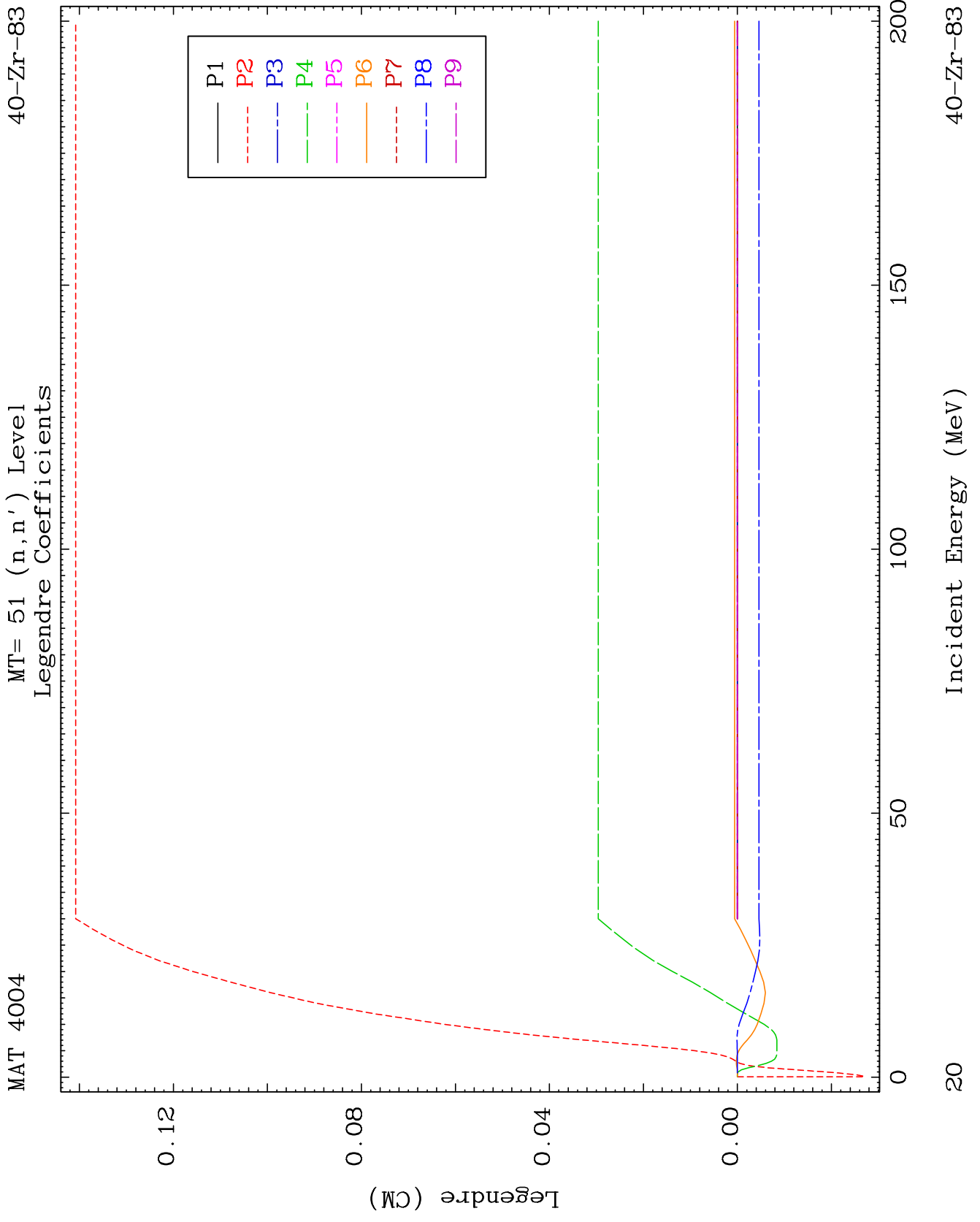


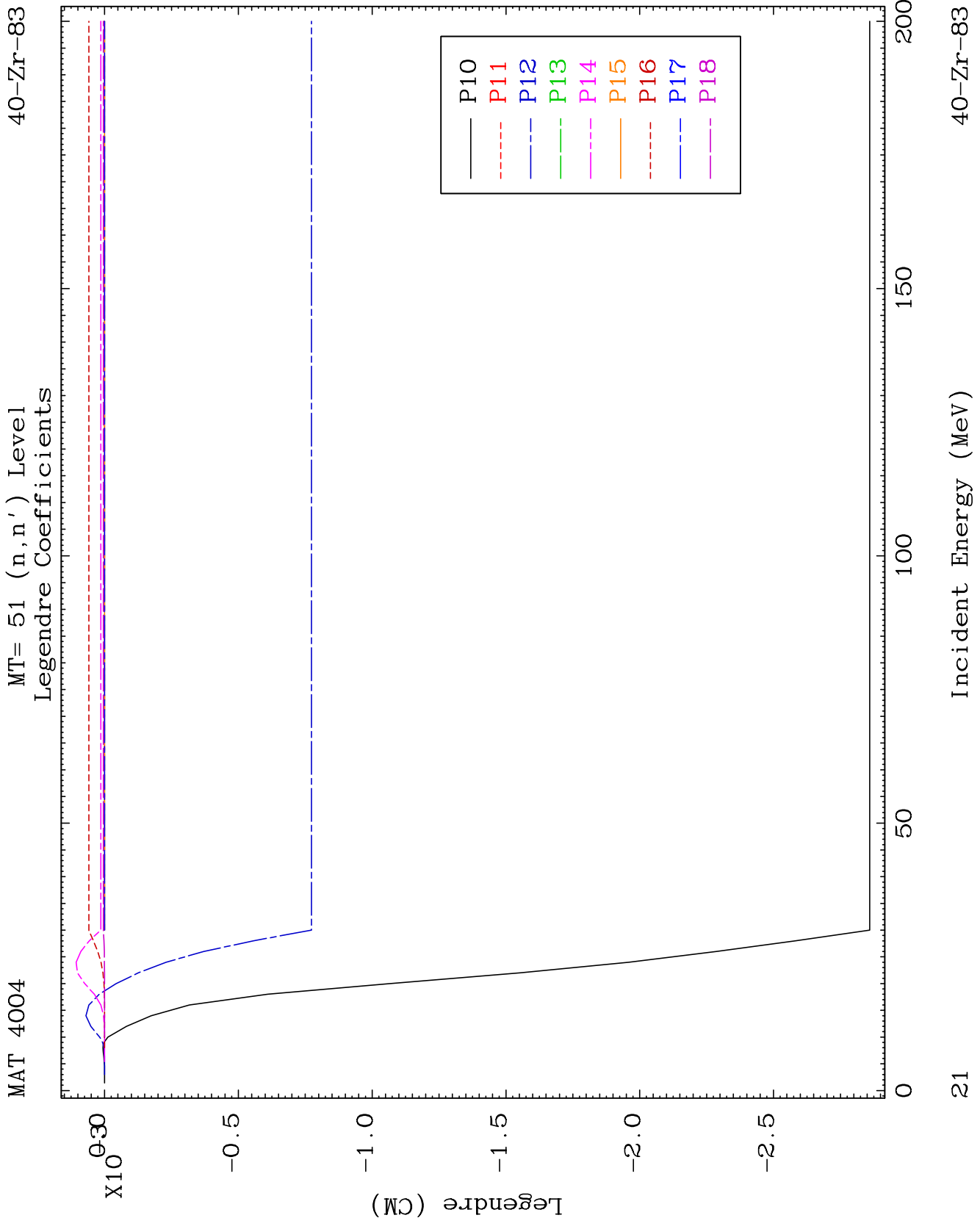


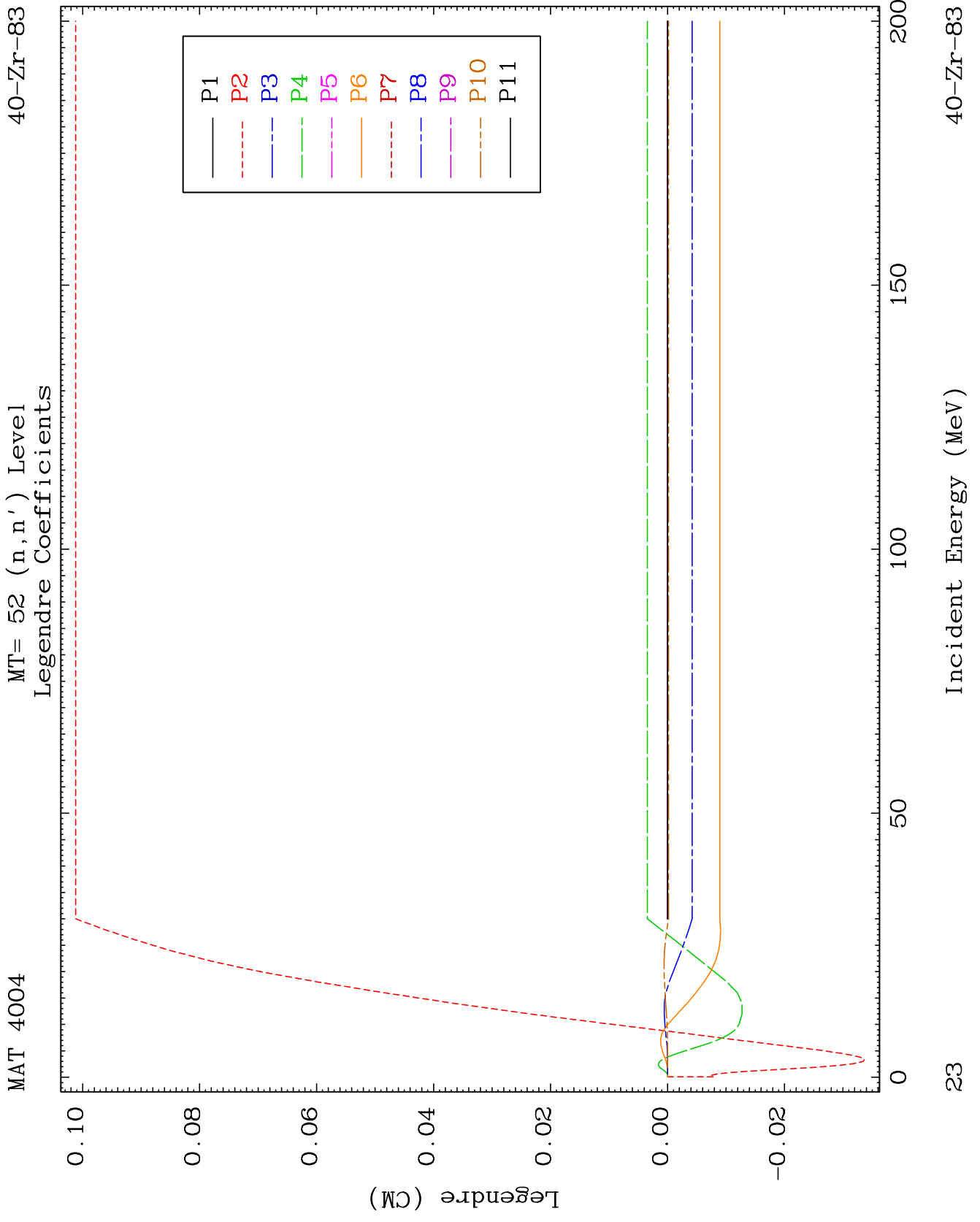








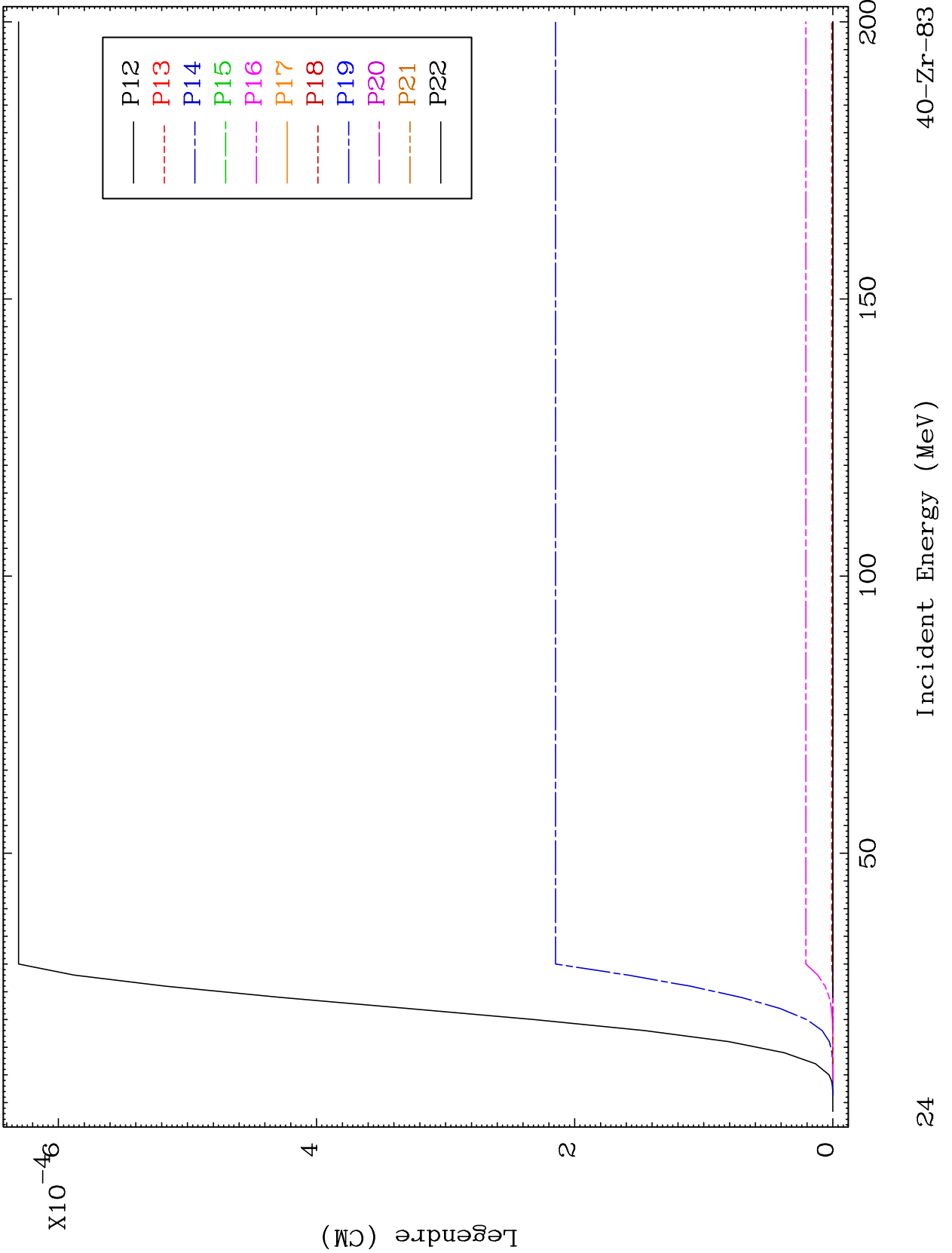




MAT 4004

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

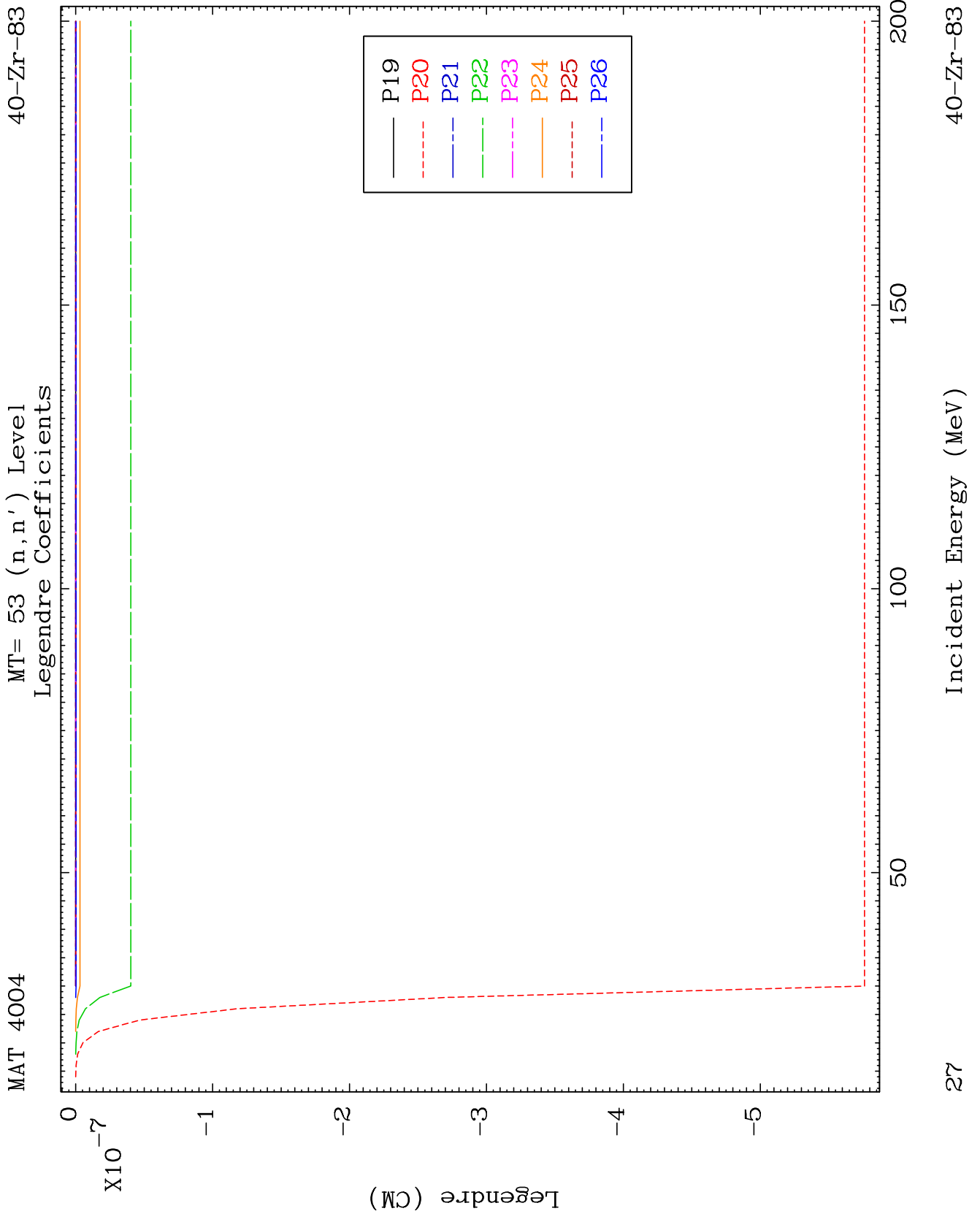
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24

Incident Energy (MeV)

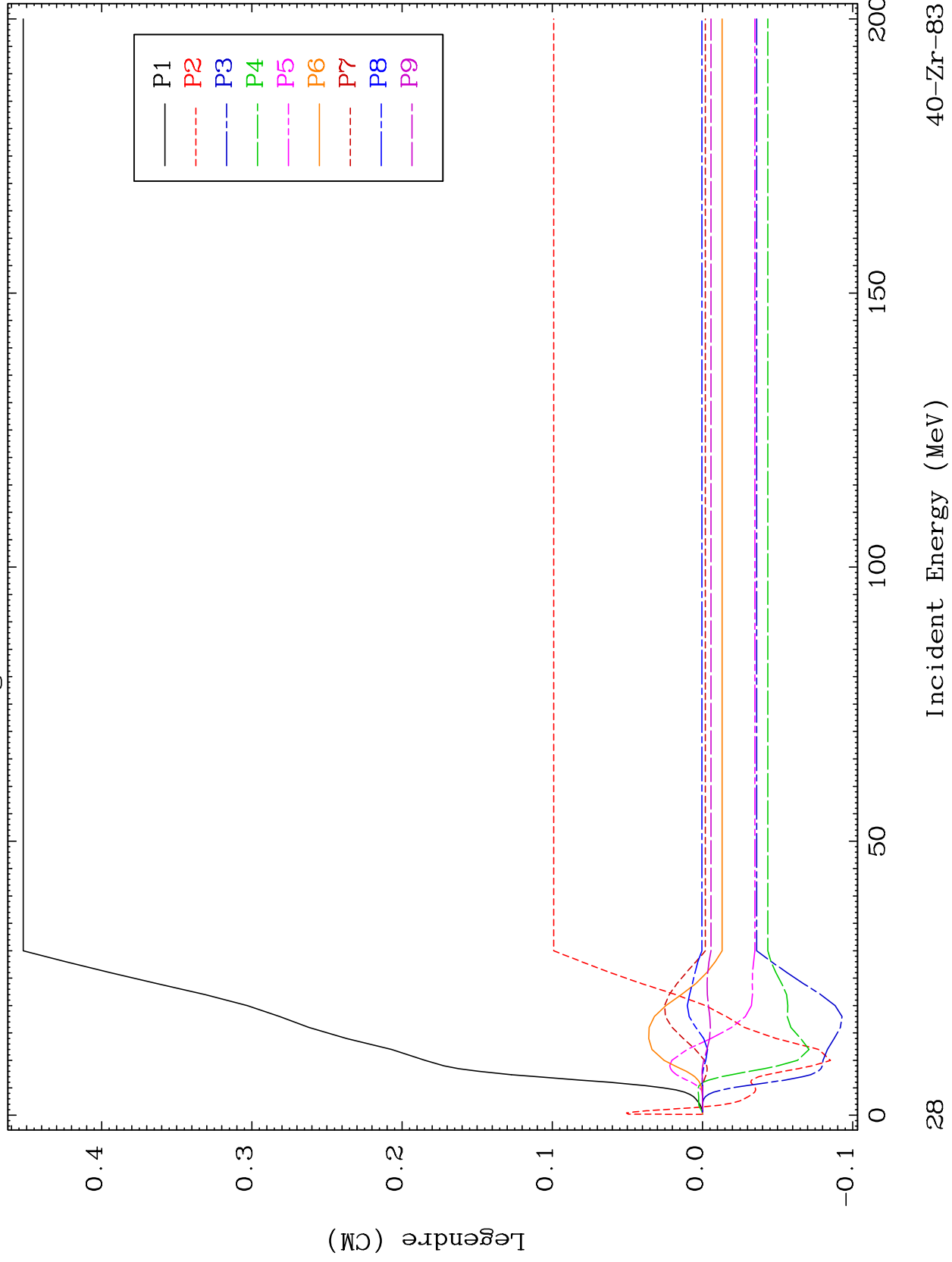
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MAT 4004

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

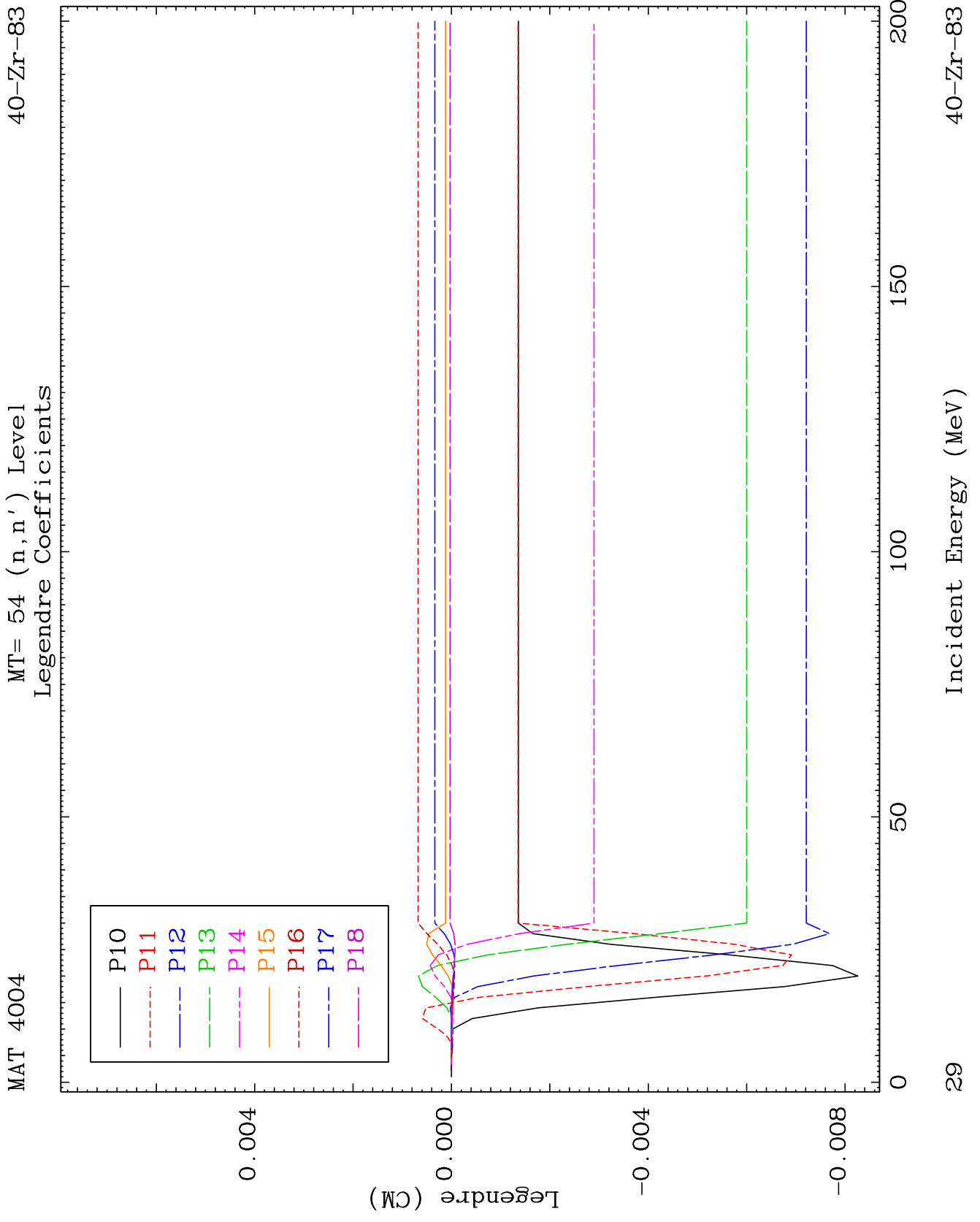
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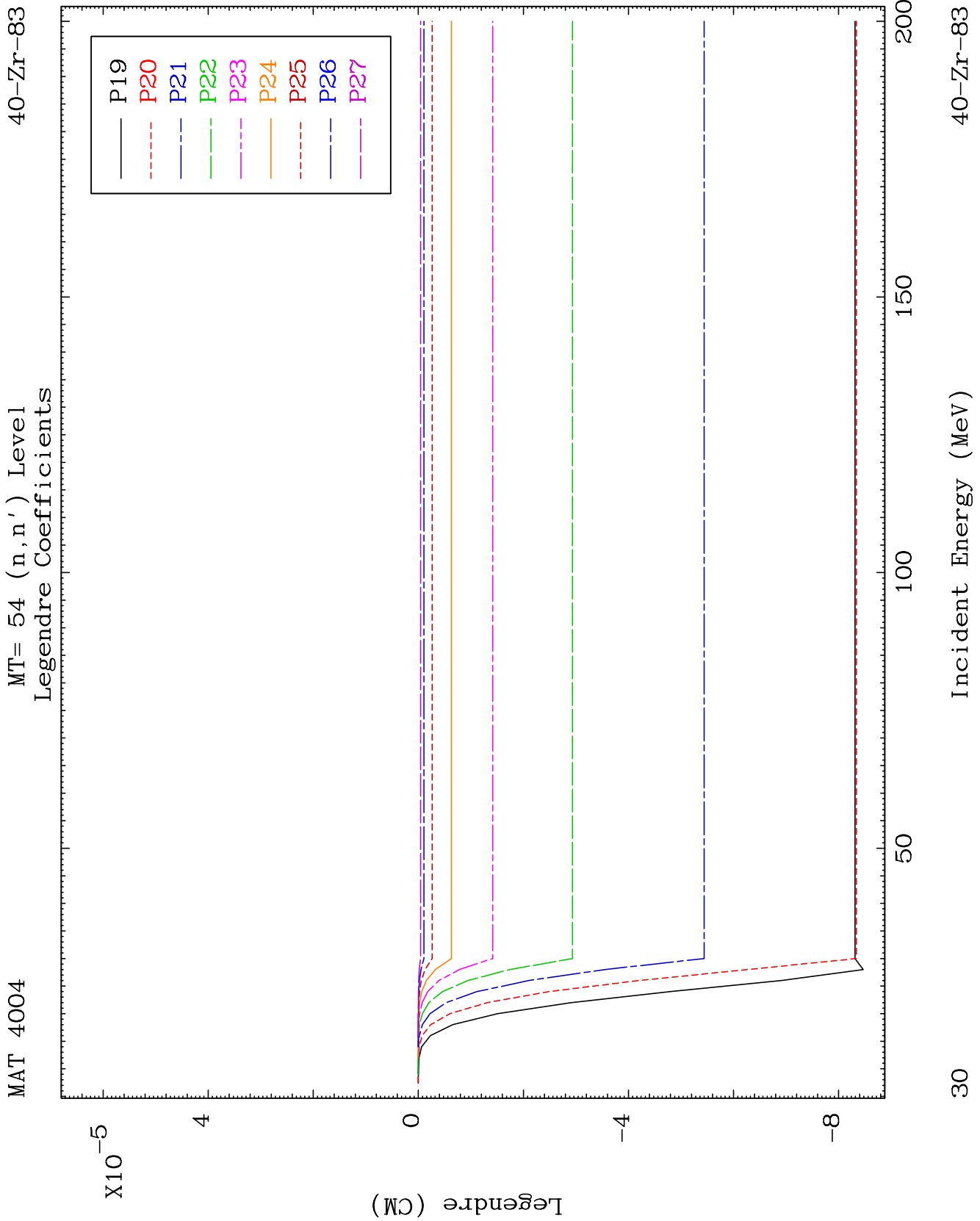


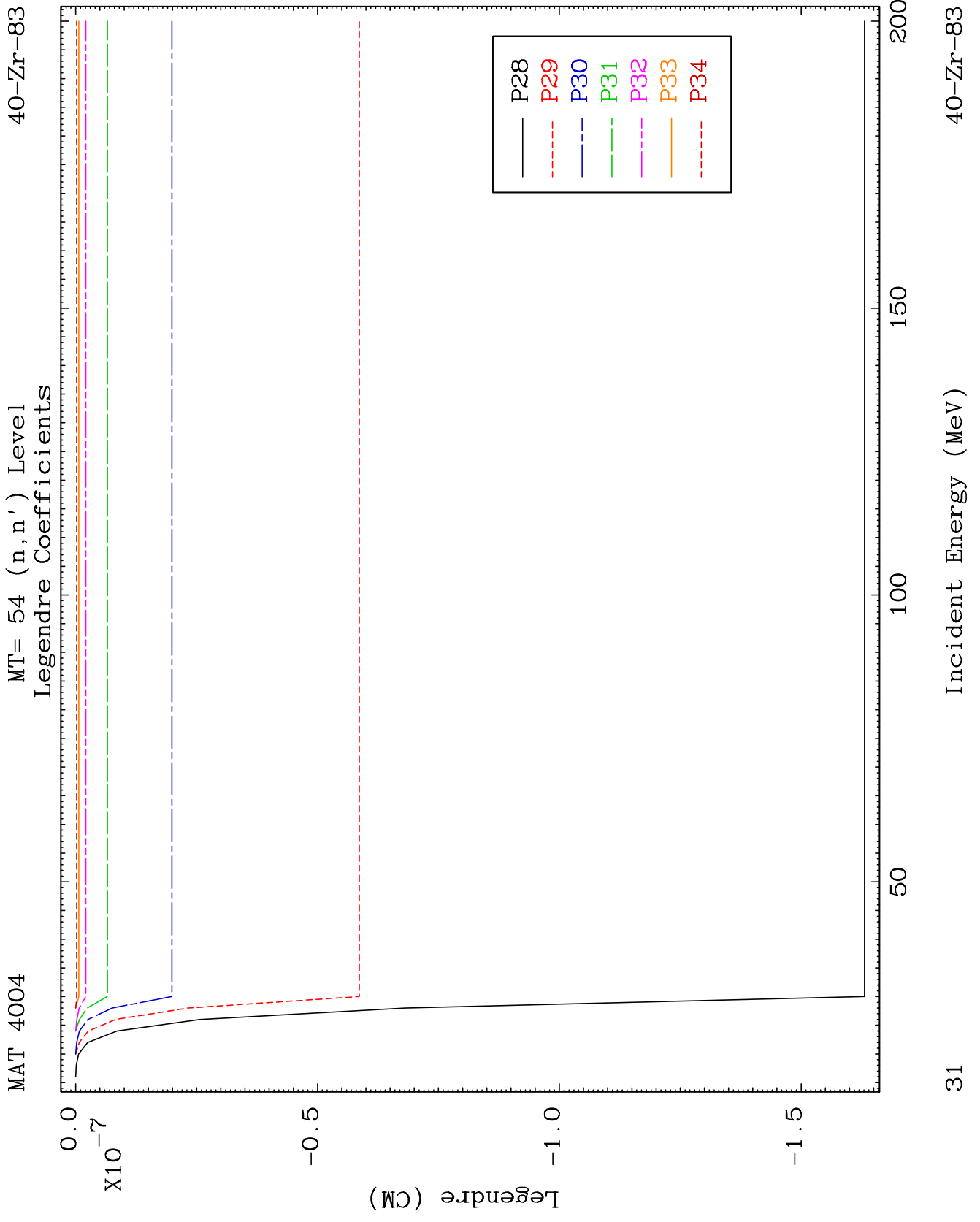
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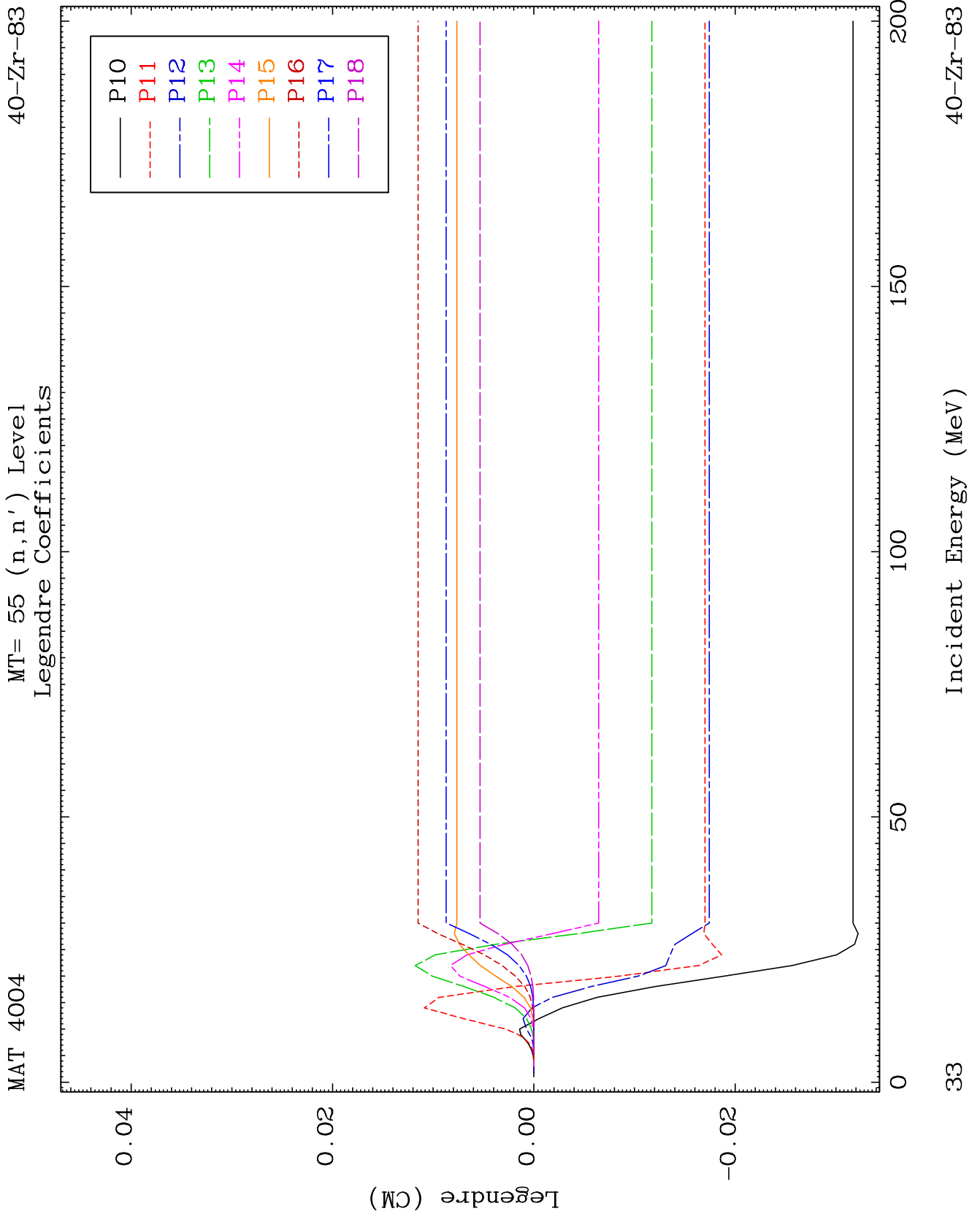
Incident Energy (MeV)

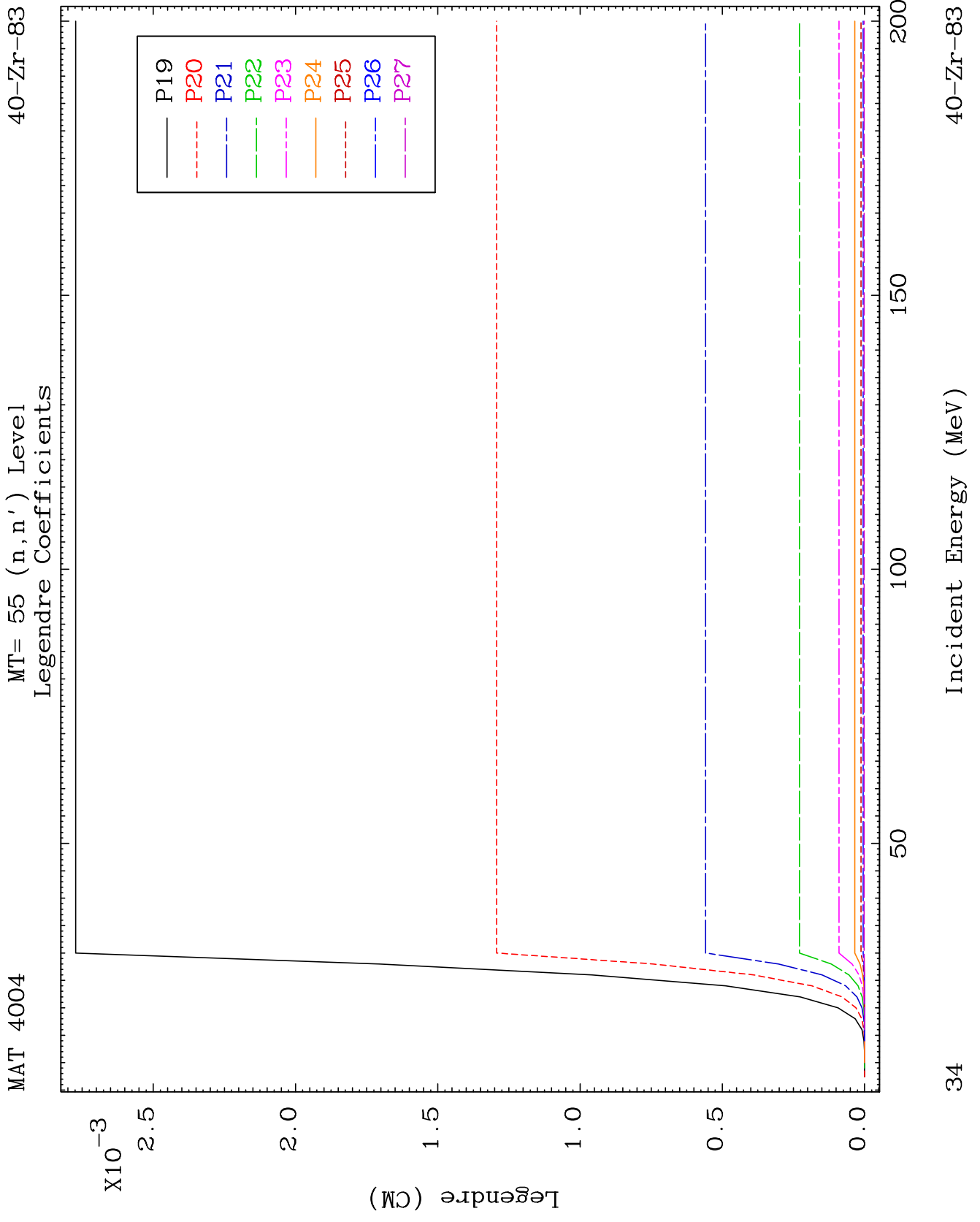
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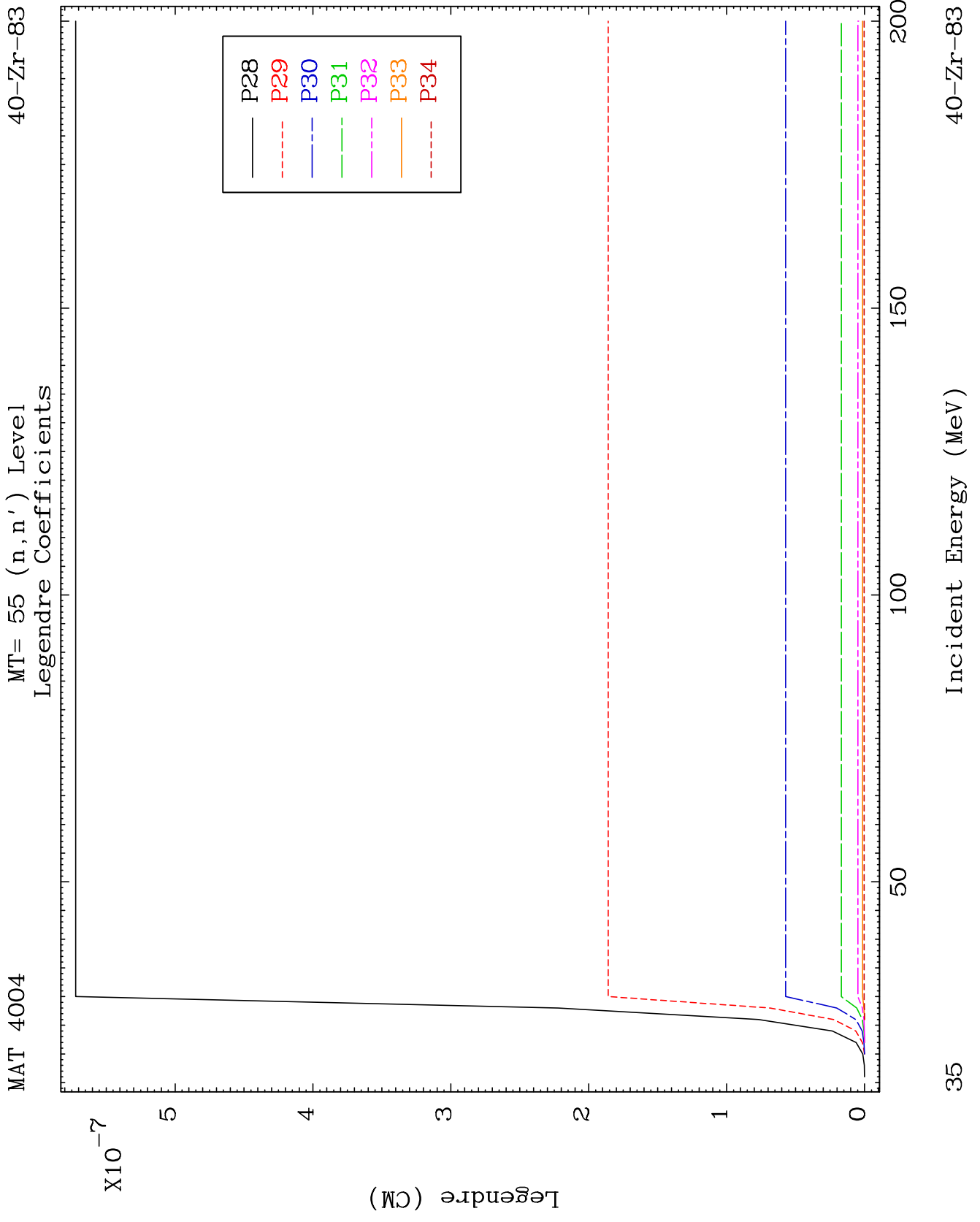


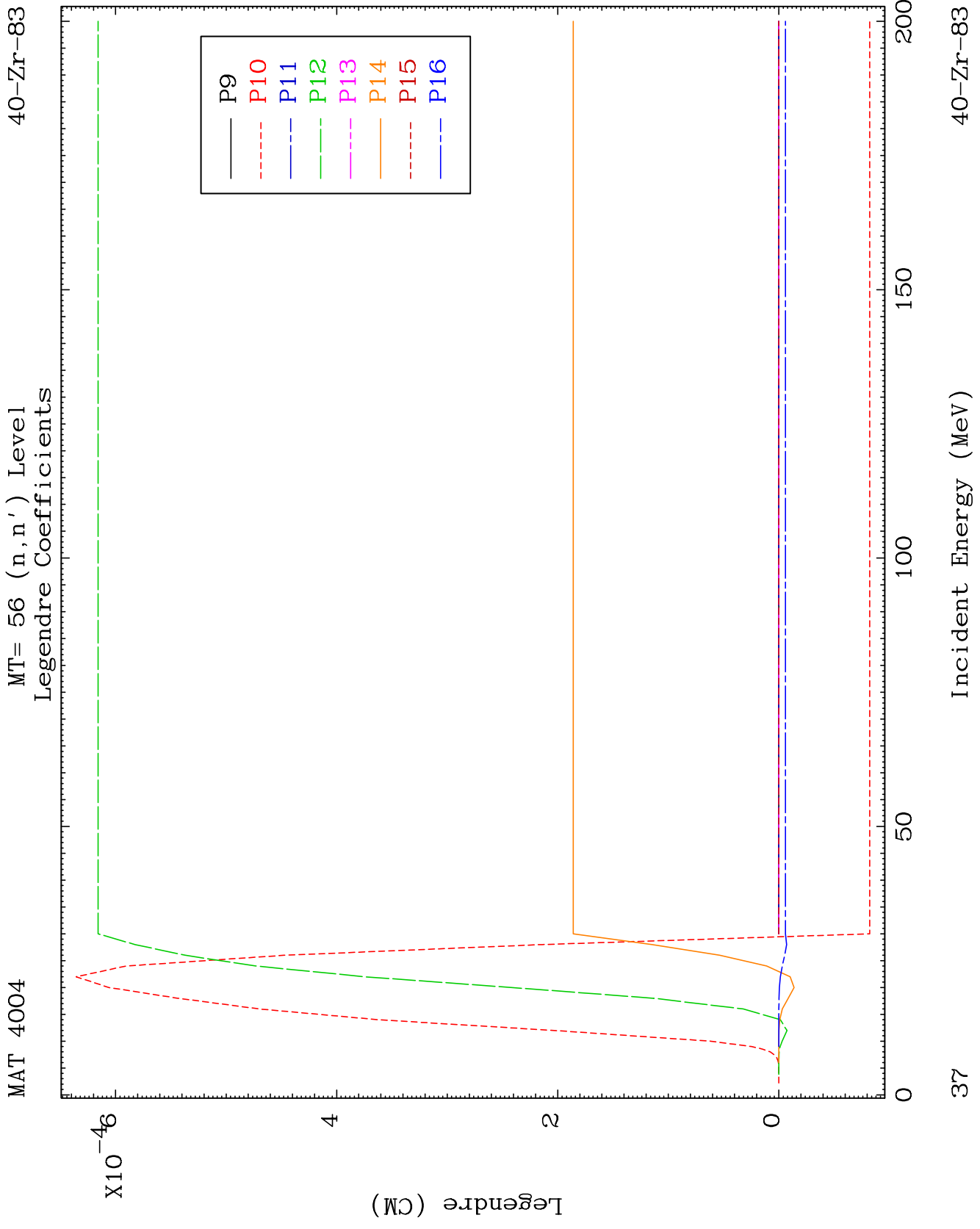


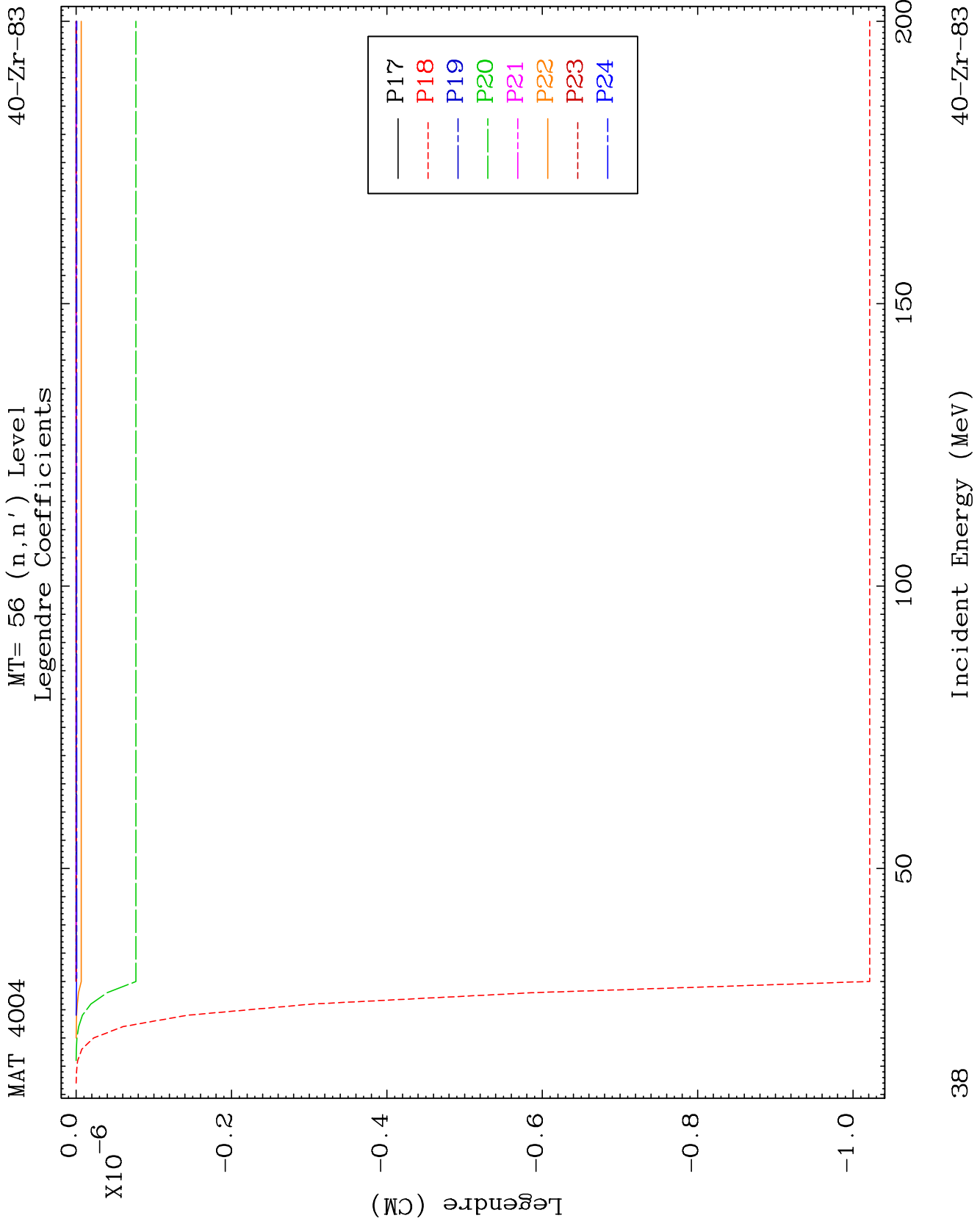


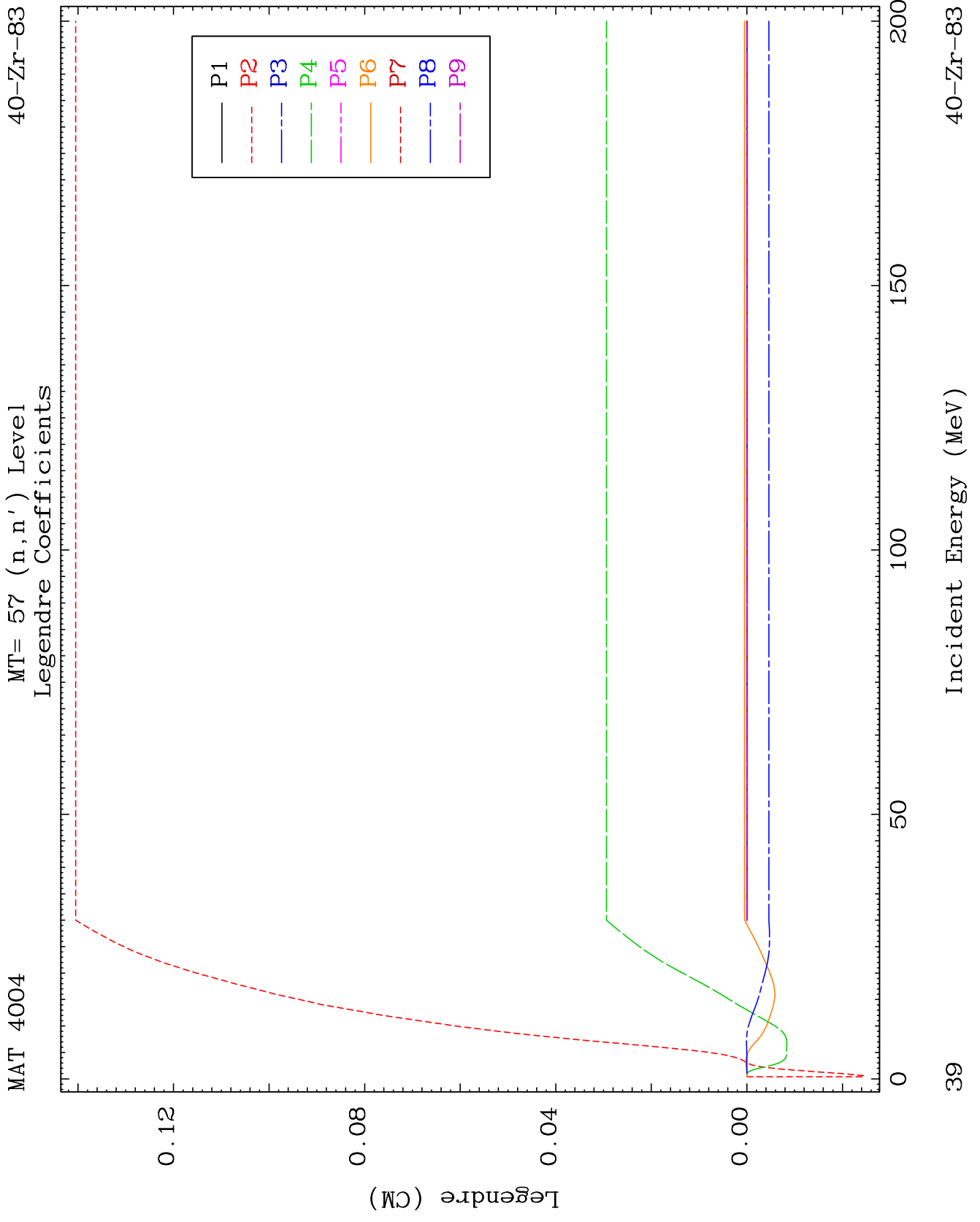


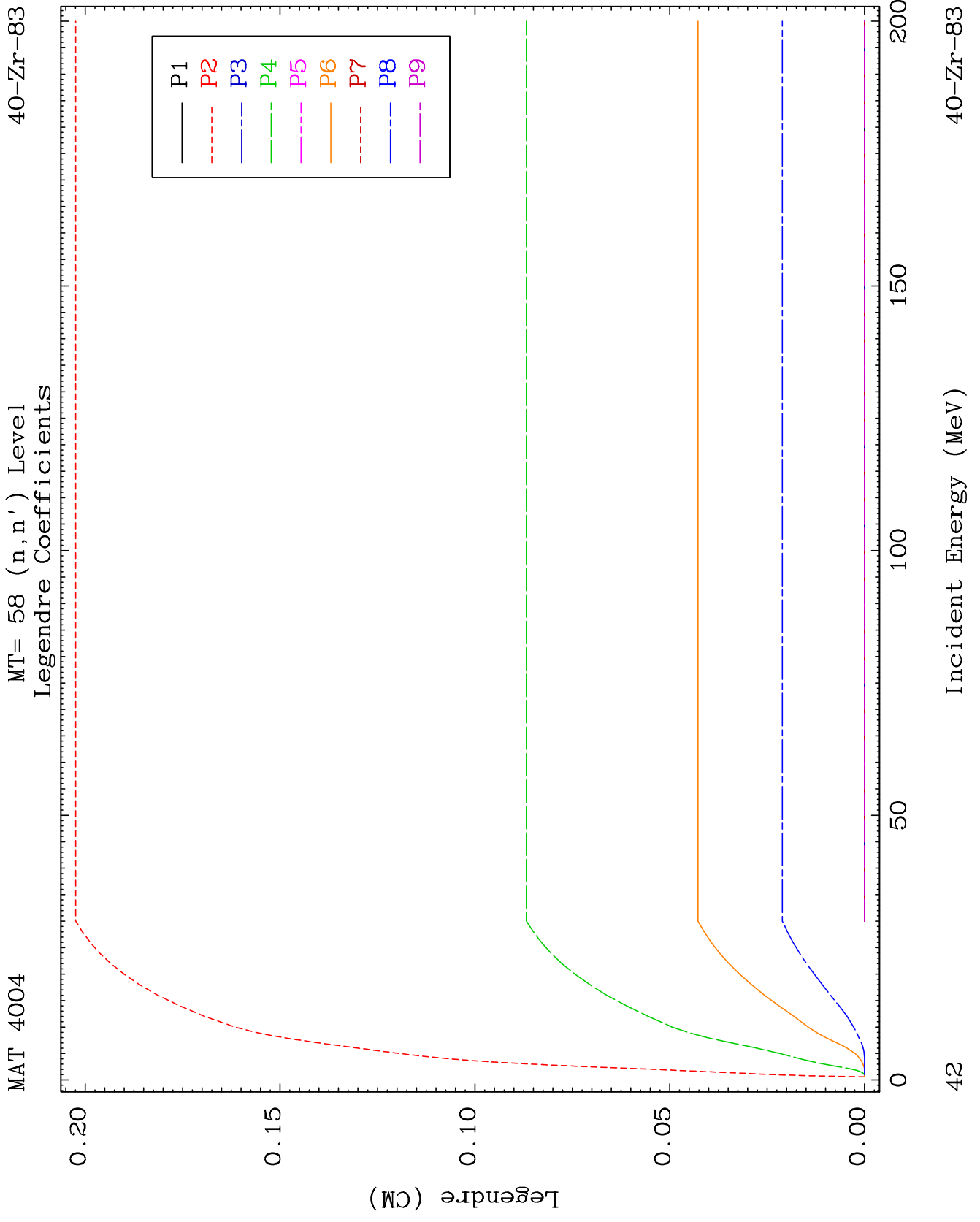


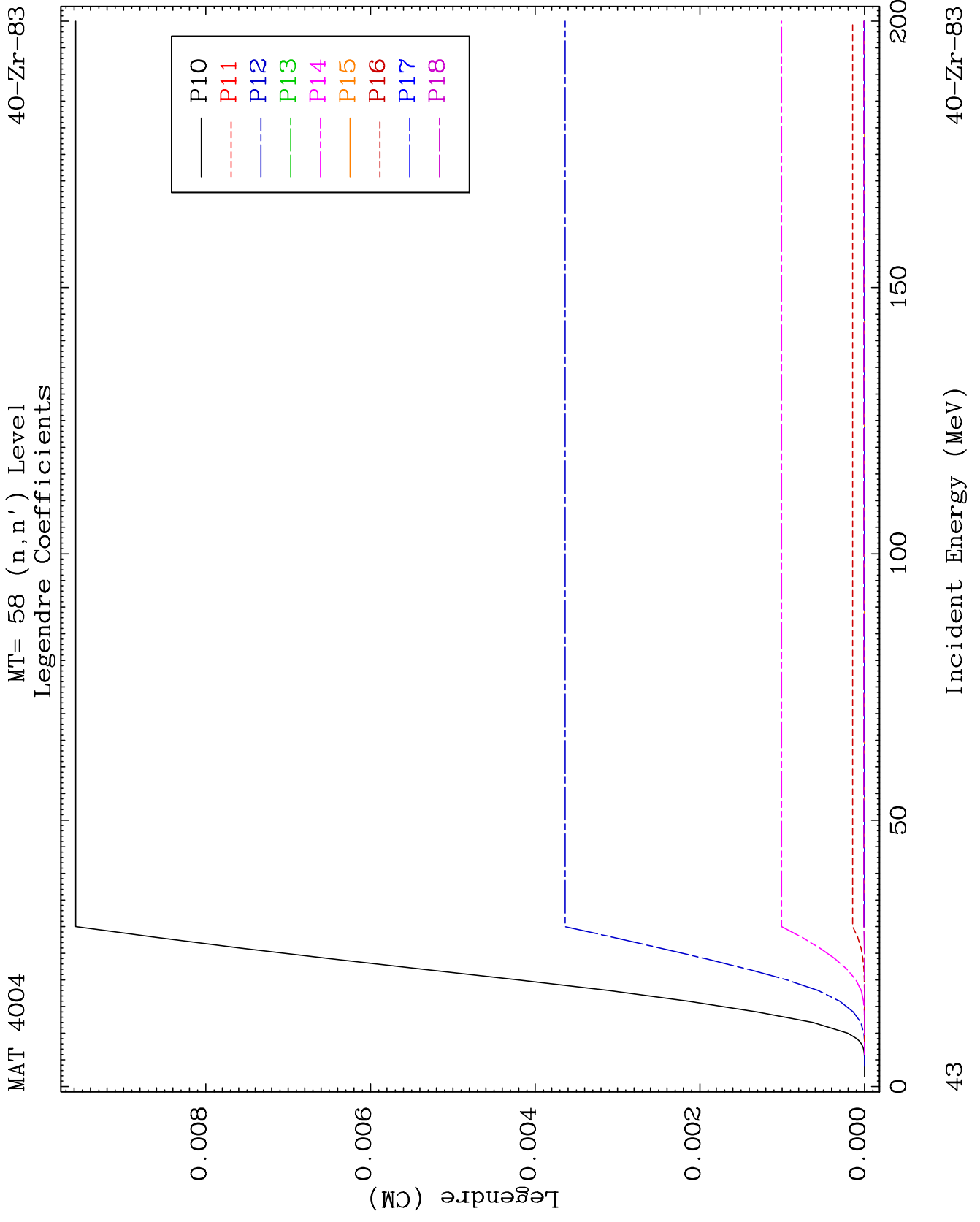


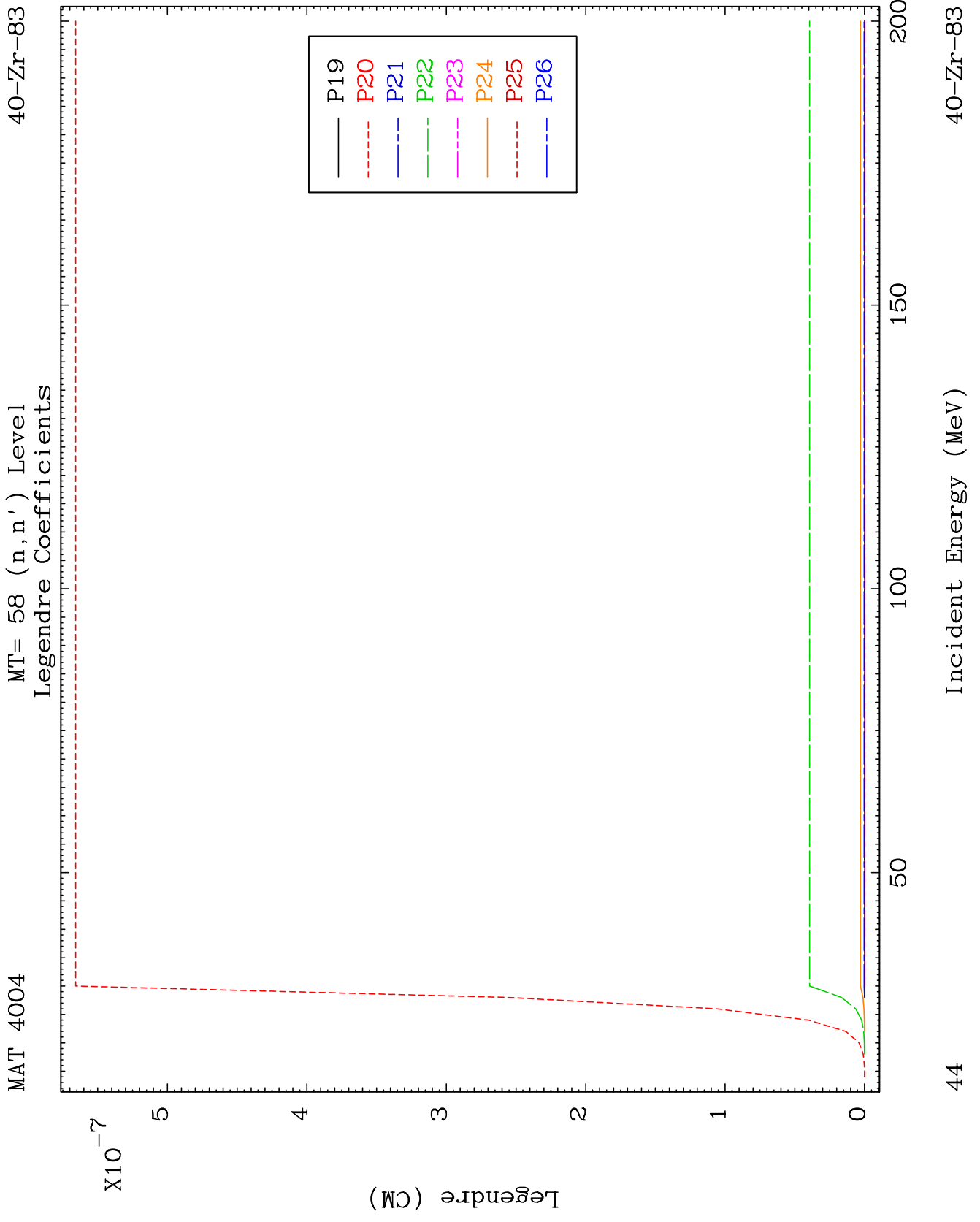


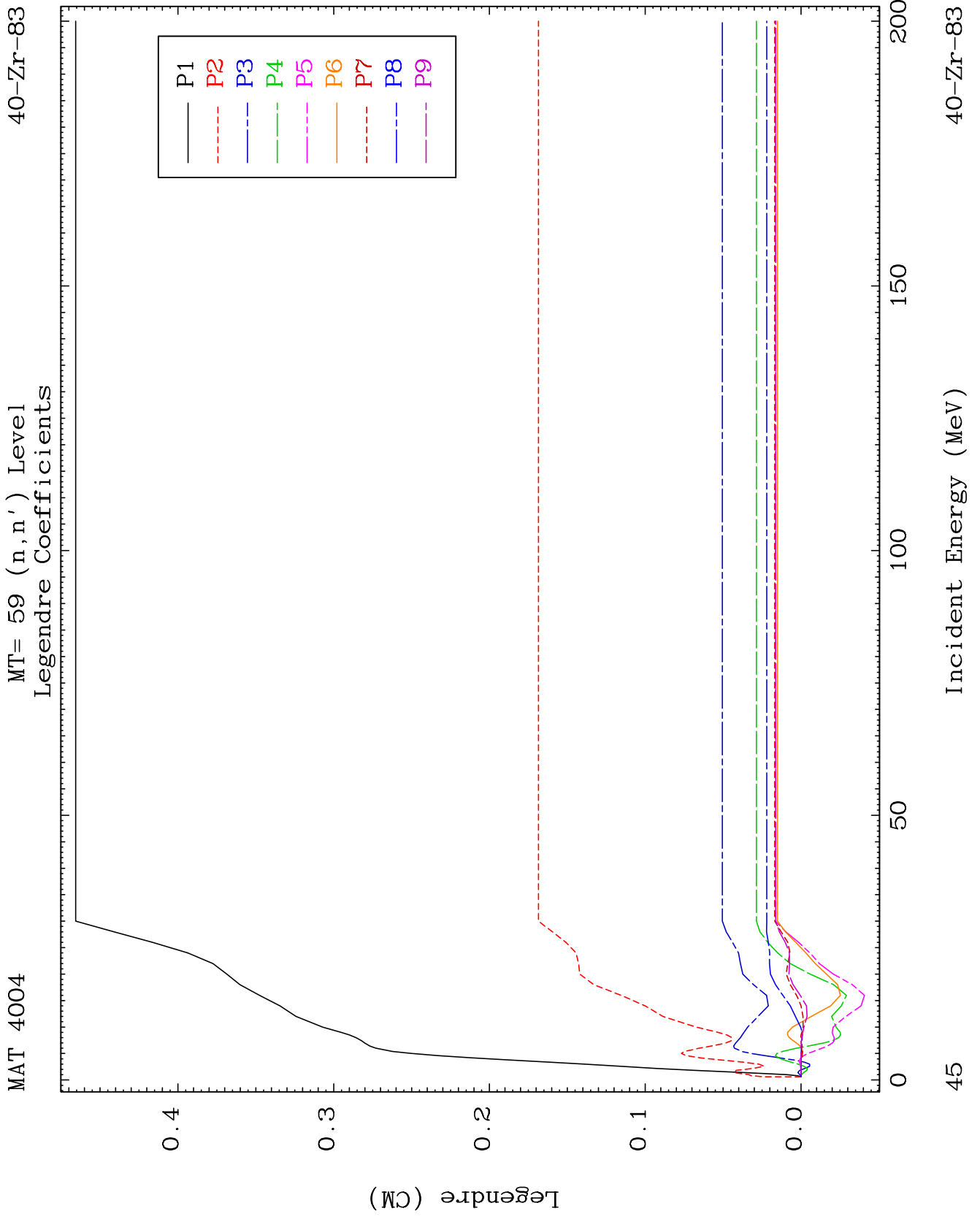








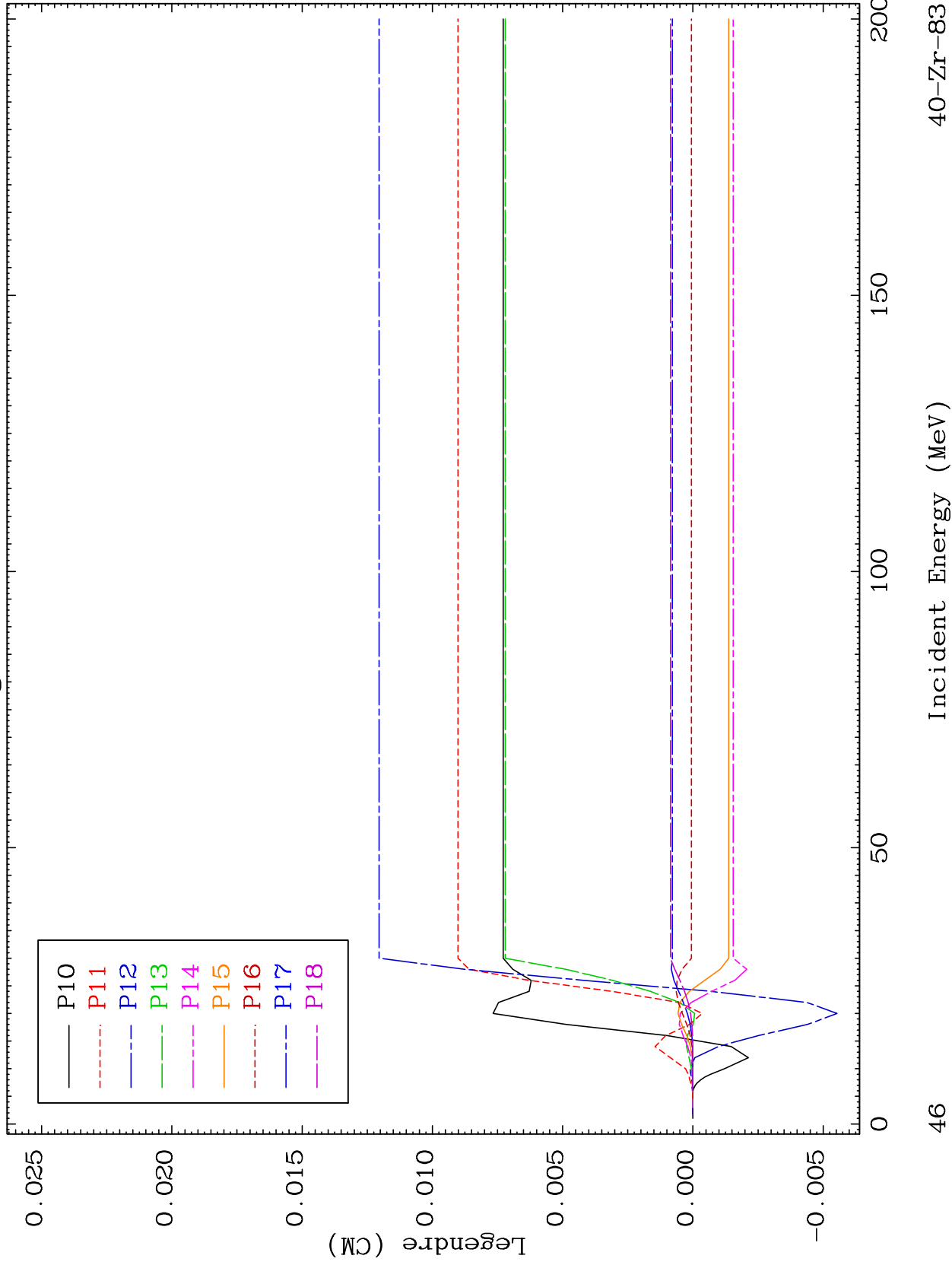




MAT 4004

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

40-Zr-83



46

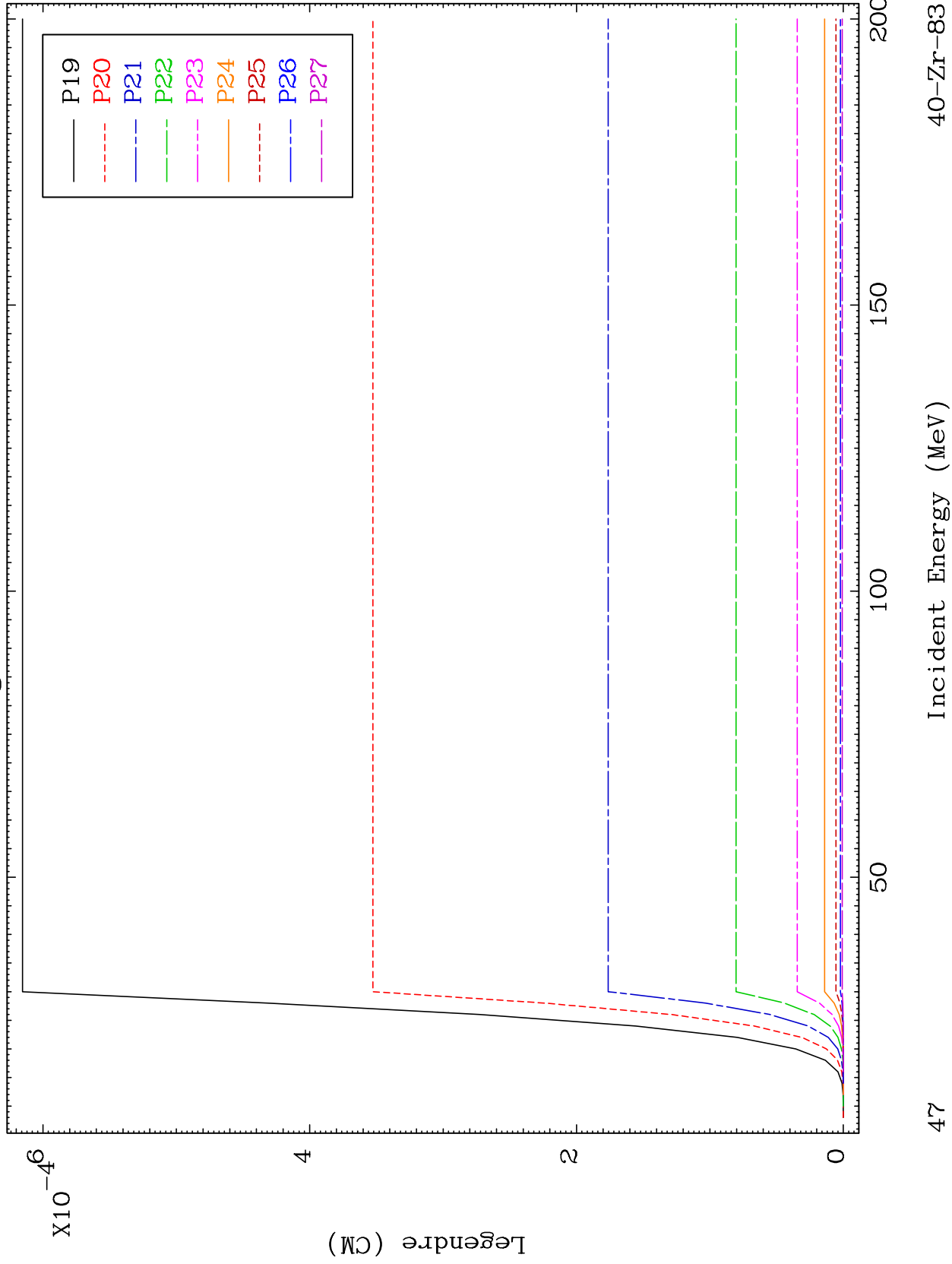
Incident Energy (MeV)

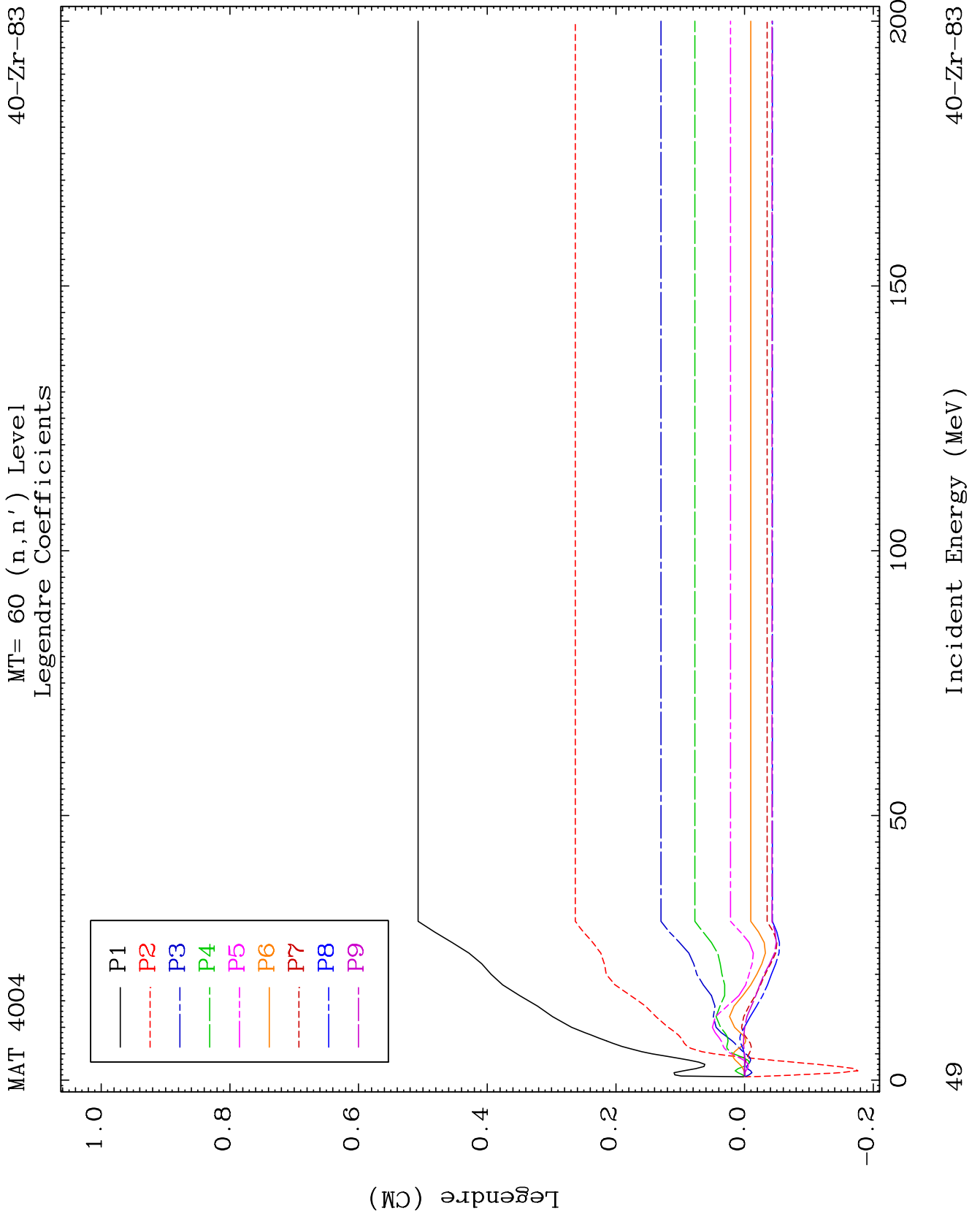
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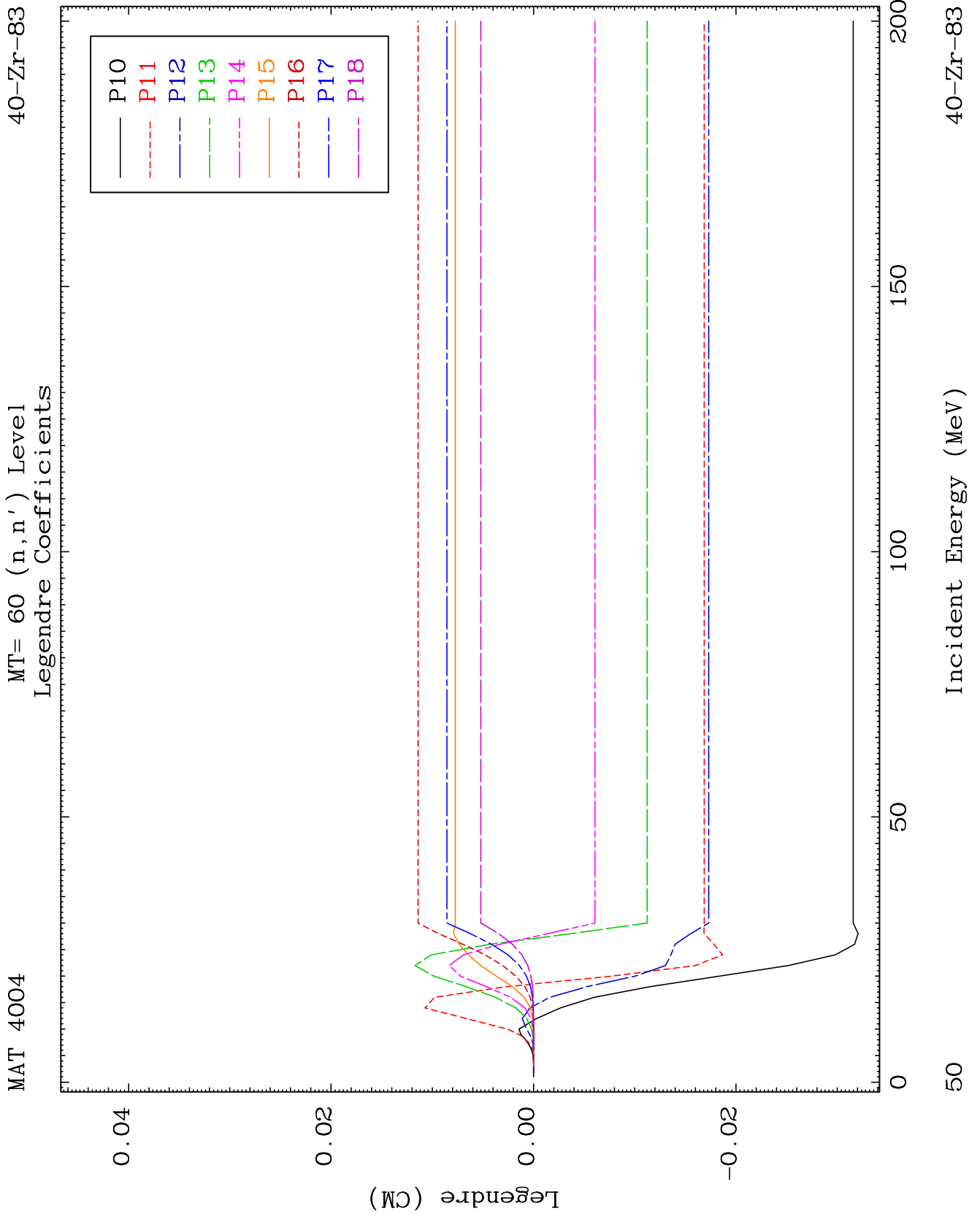
MAT 4004

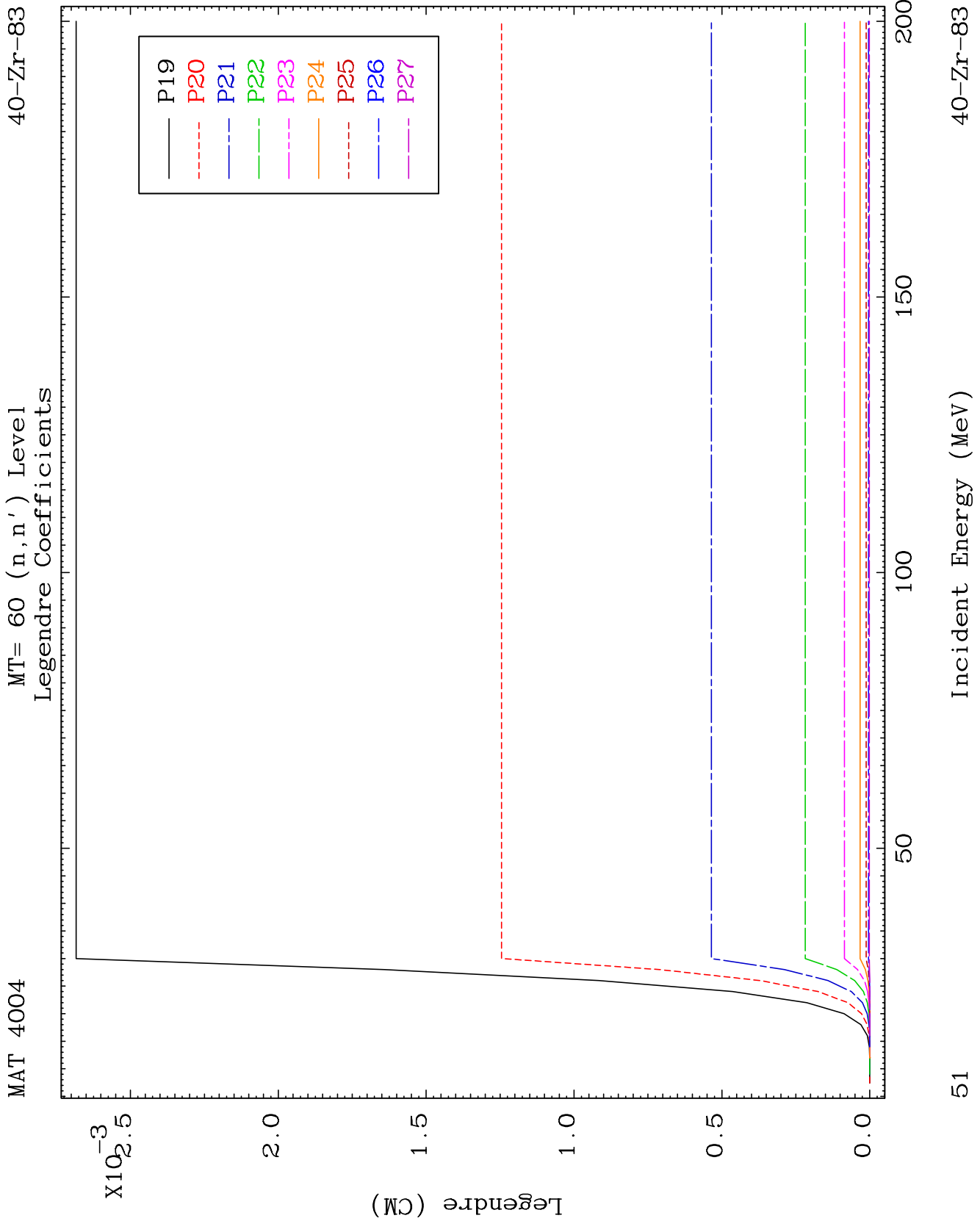
MT= 59 (n,n') Level
Legendre Coefficients

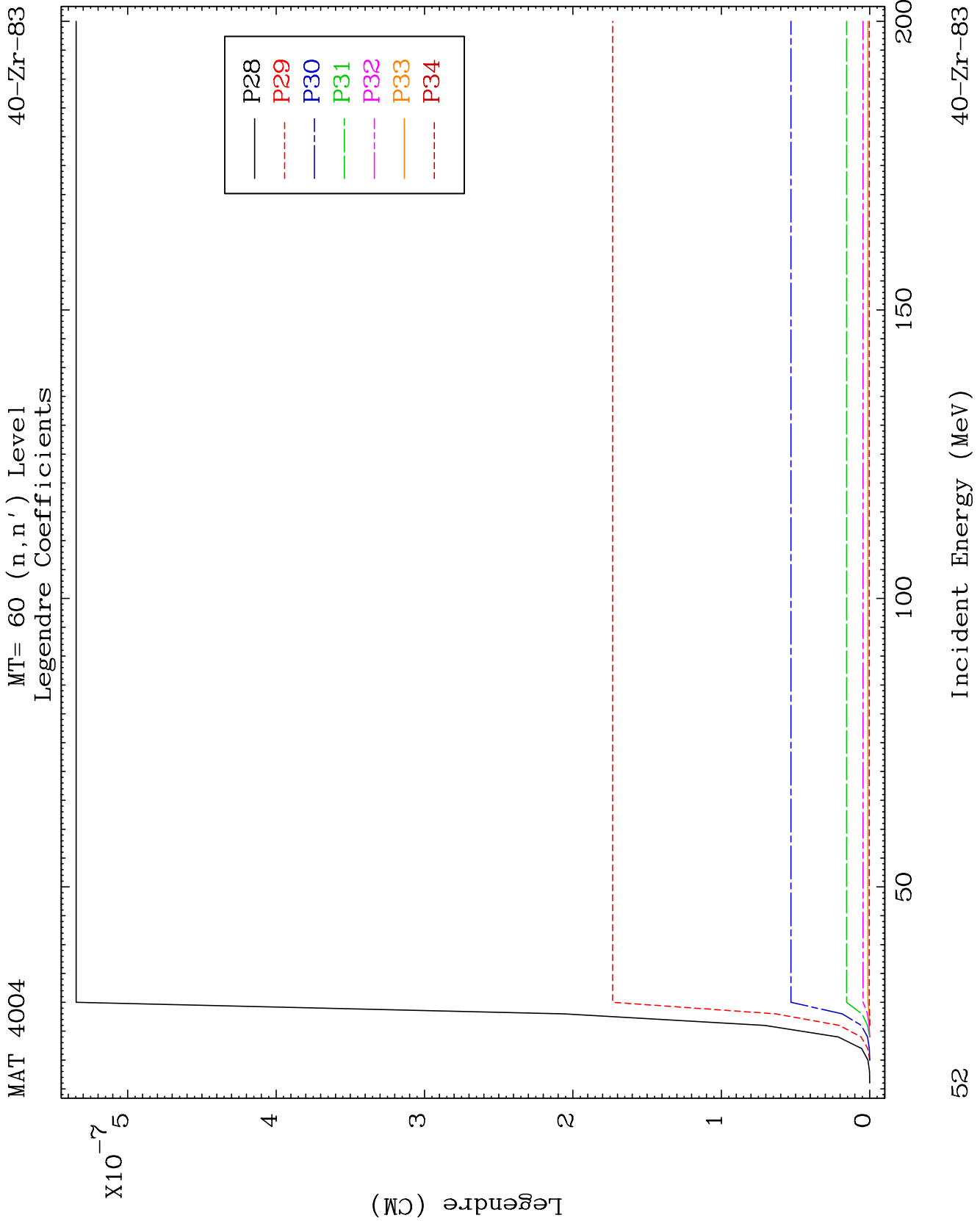
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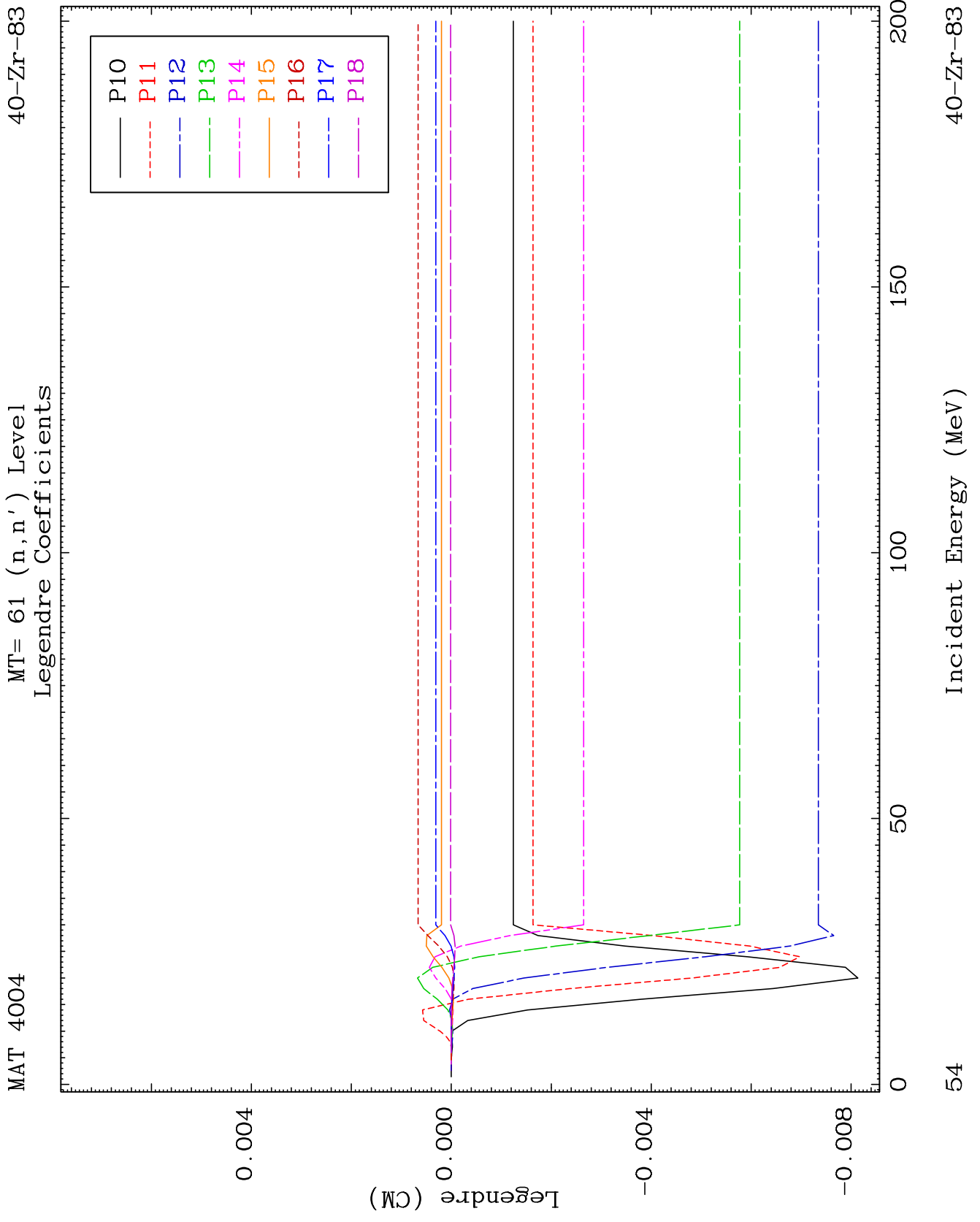








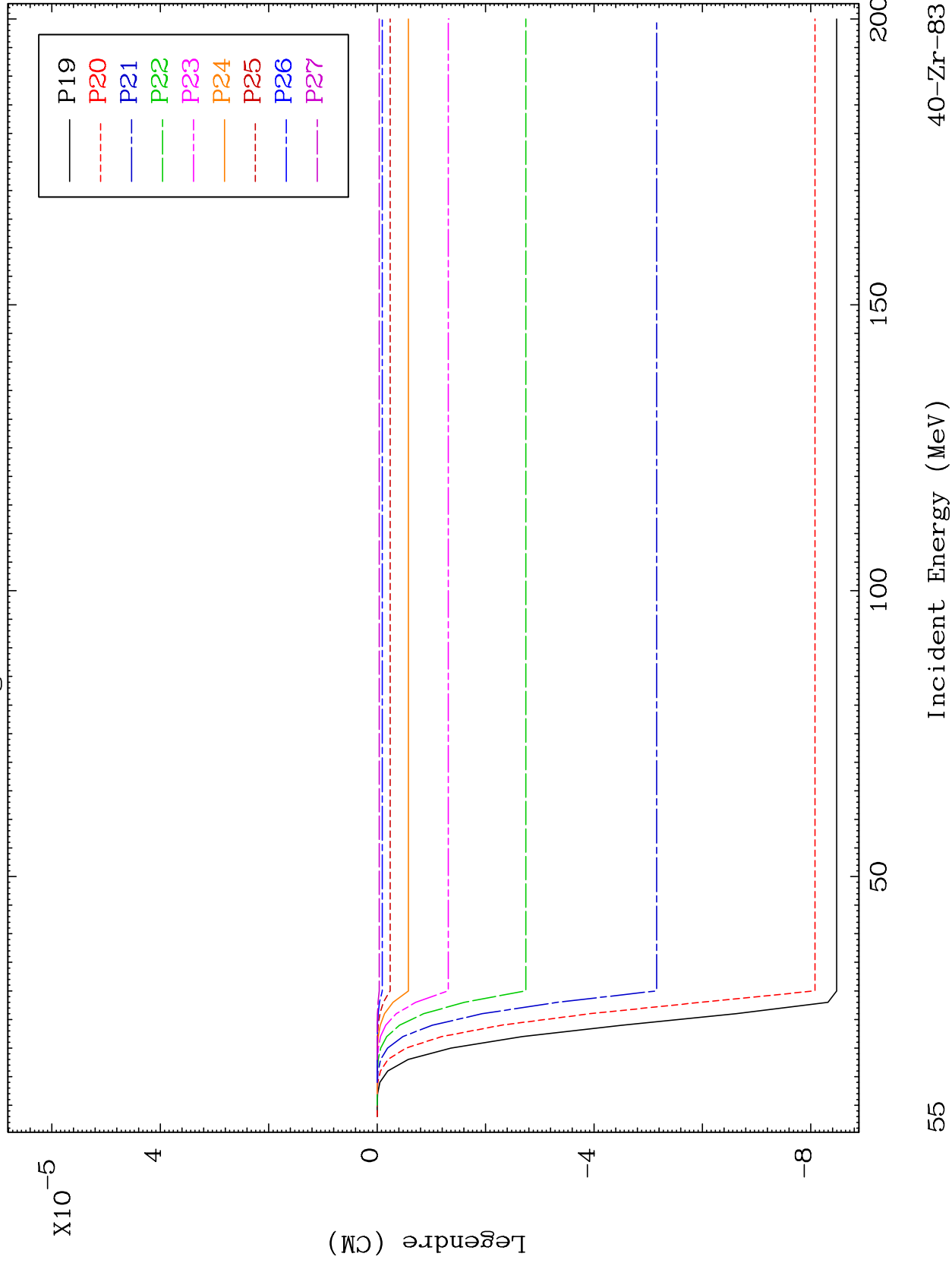




MAT 4004

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

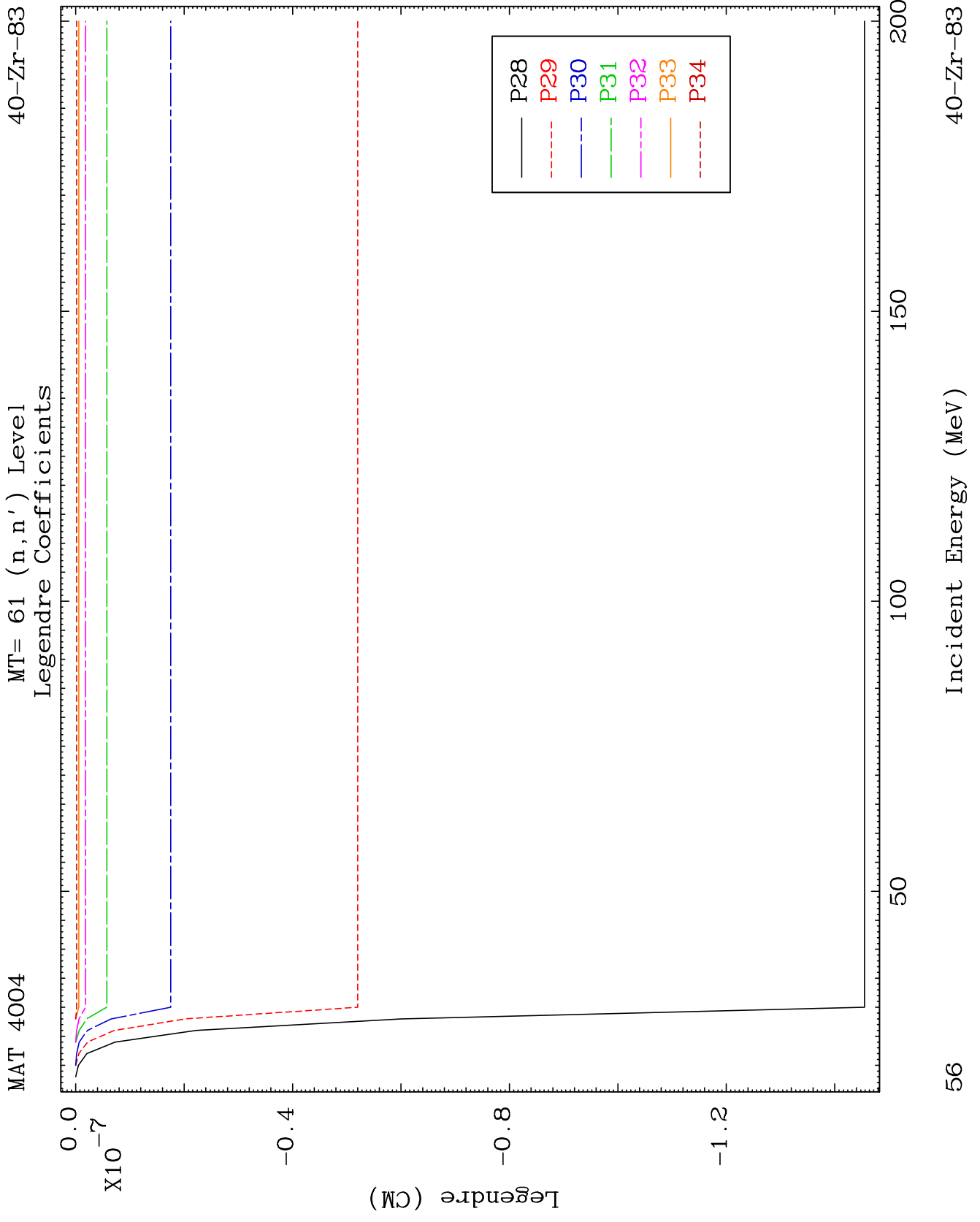
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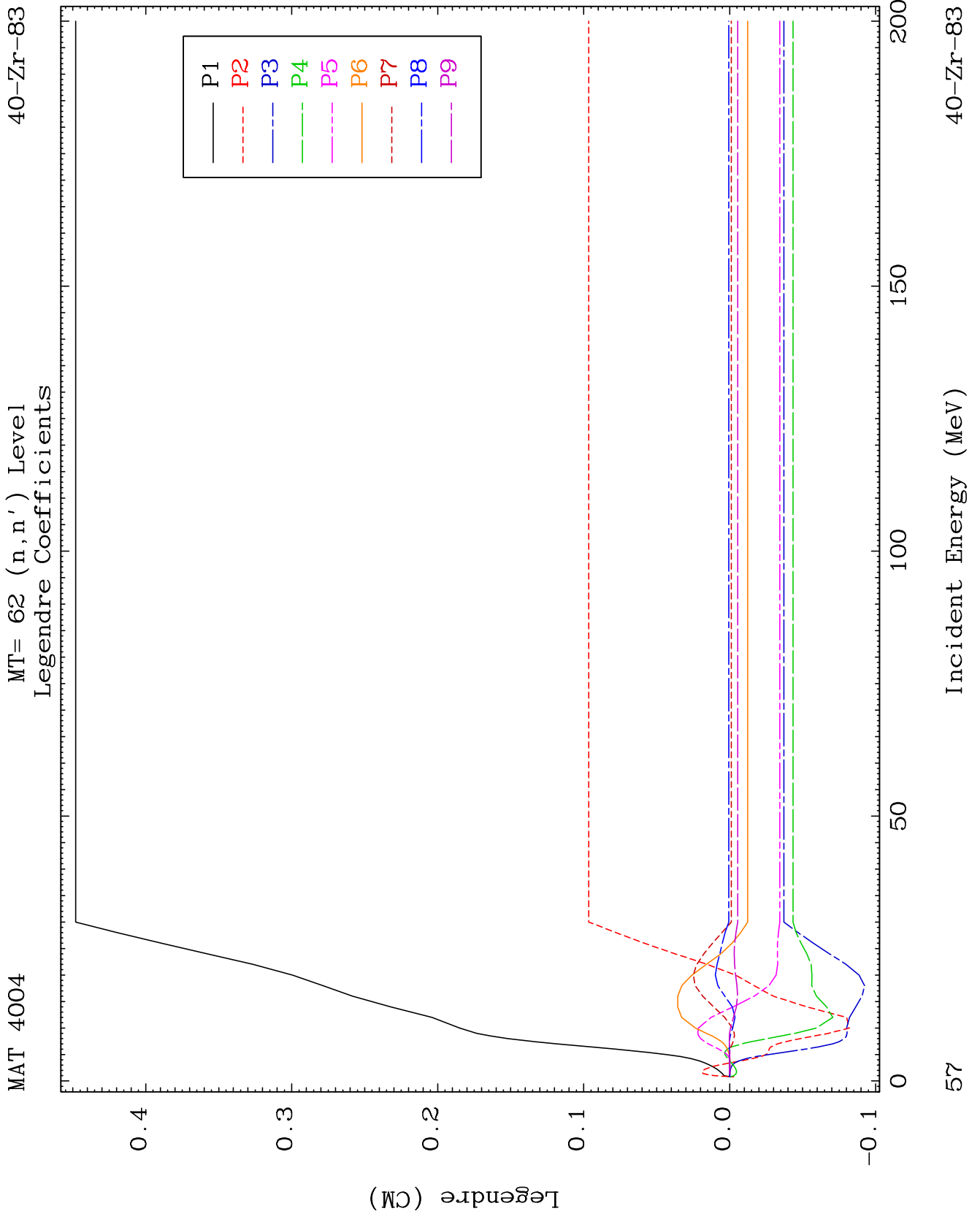


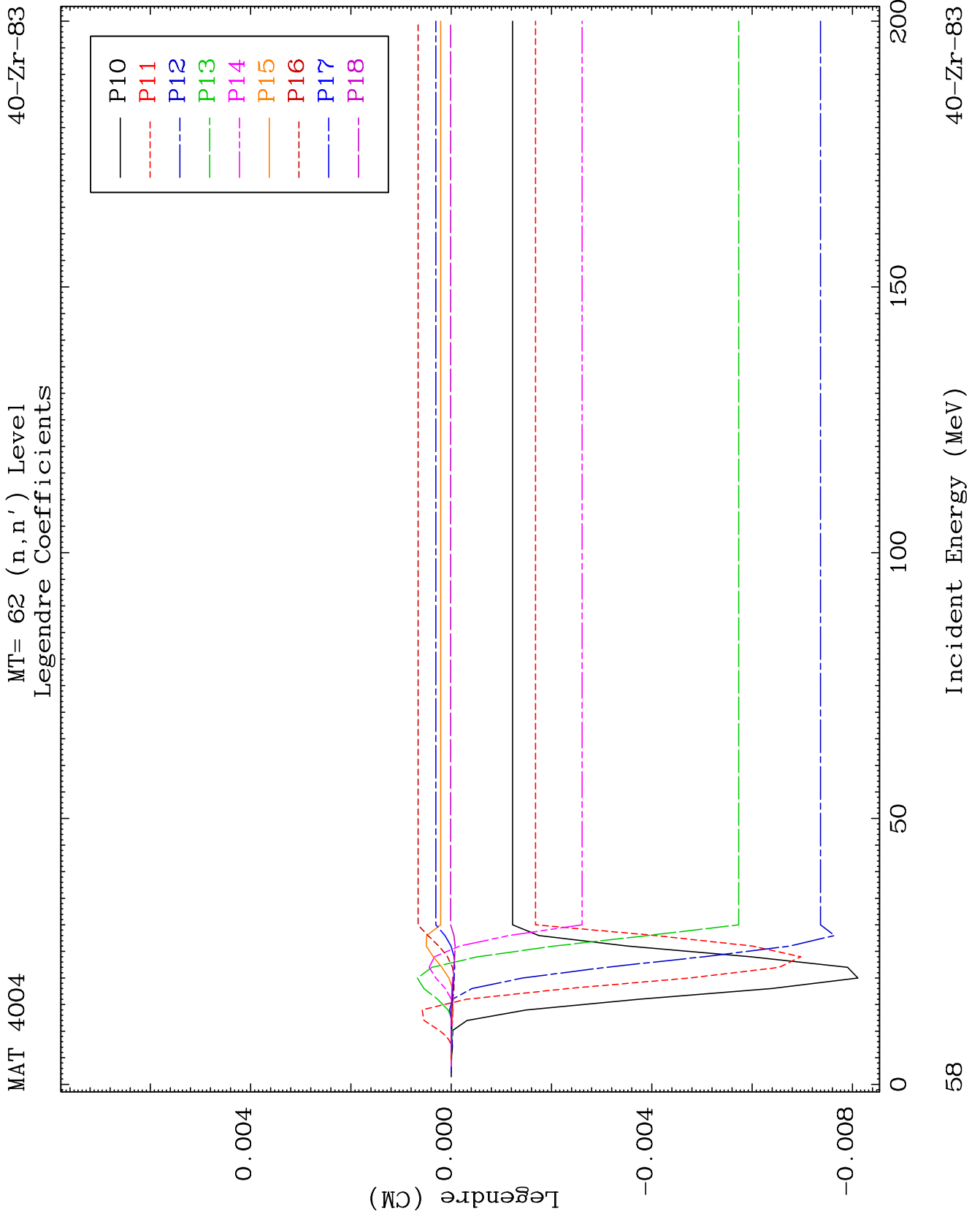
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Incident Energy (MeV)

40-Zr-83



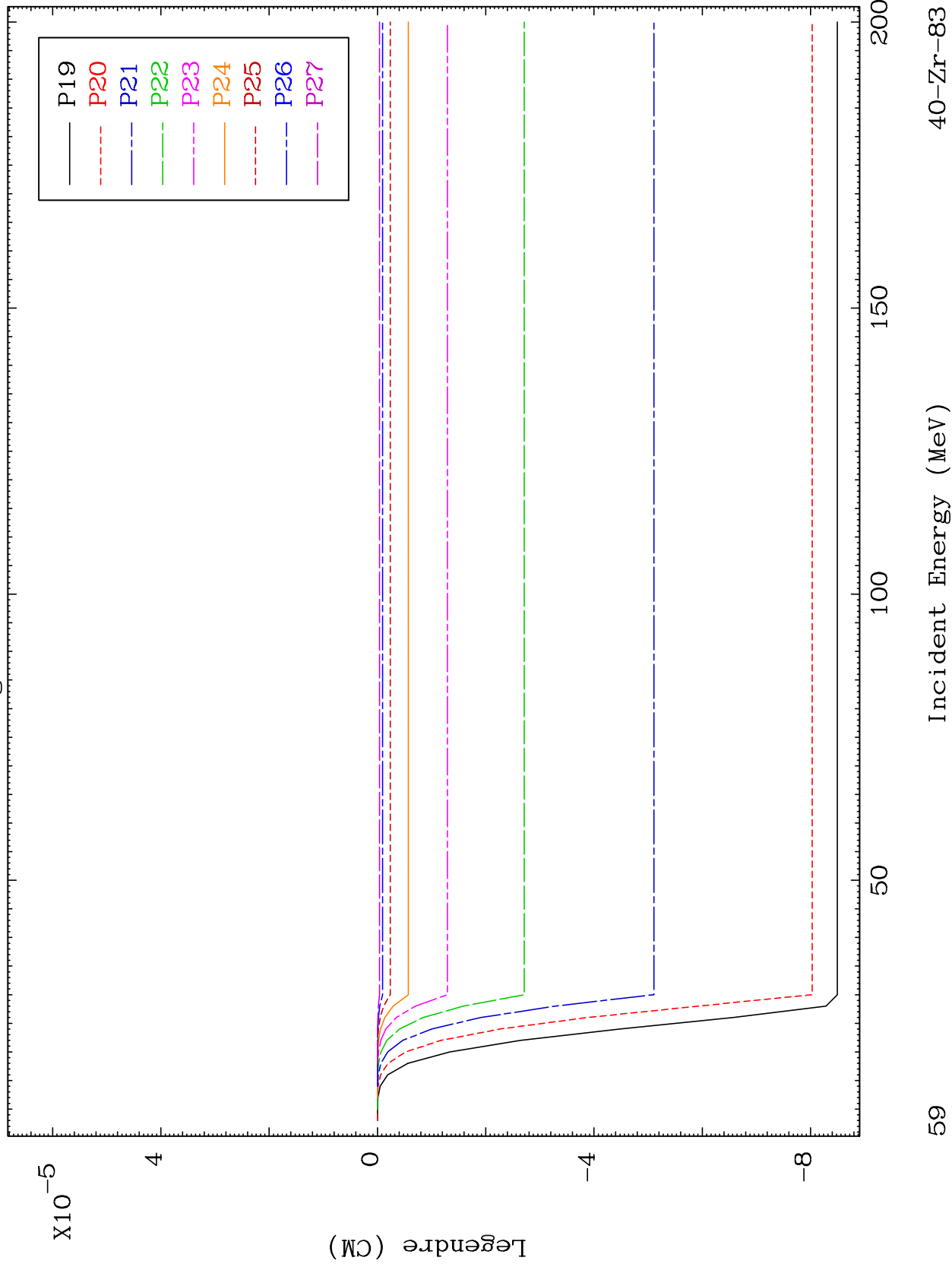




MAT 4004

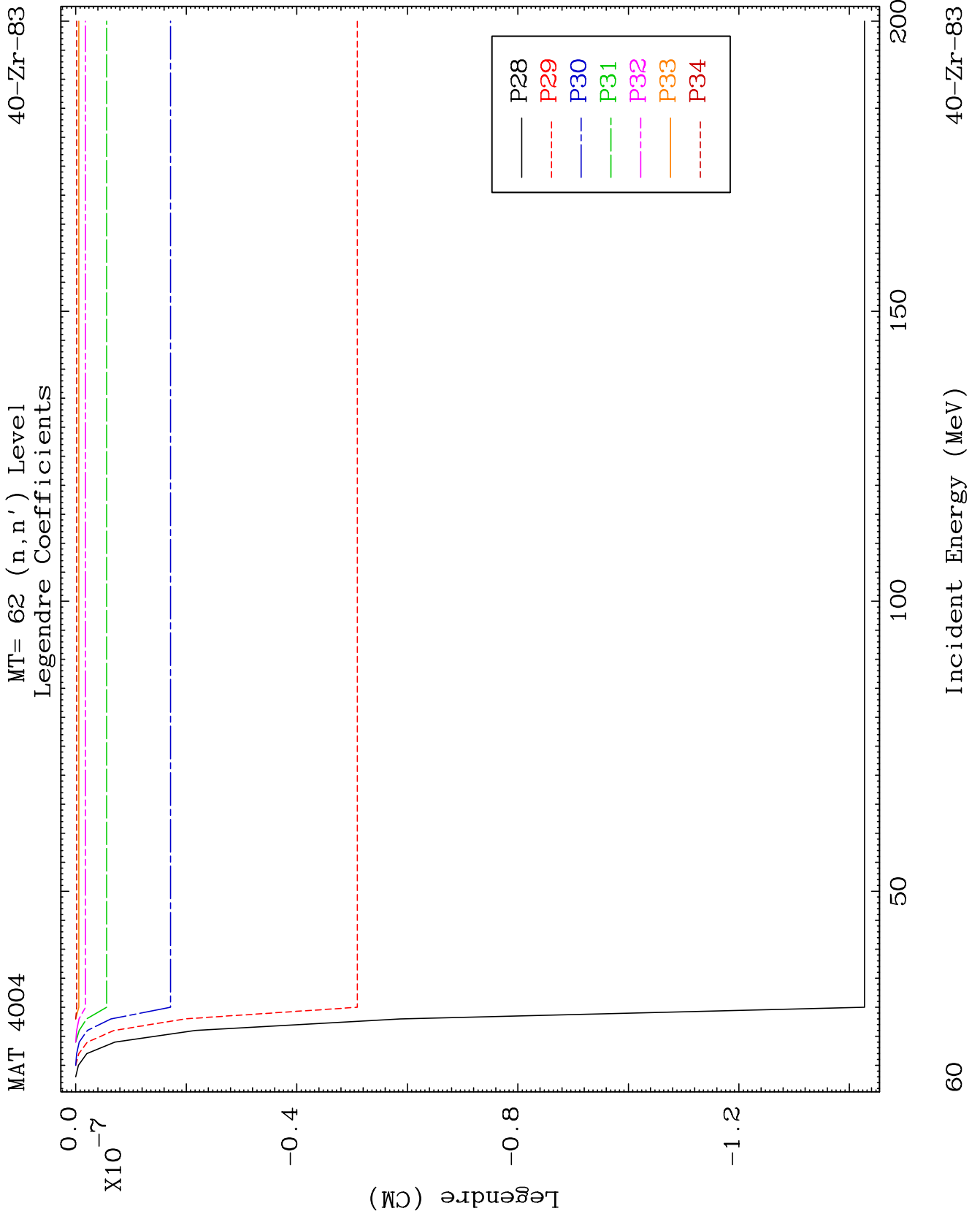
MT= 62 (n,n') Level
Legendre Coefficients

40-Zr-83



59

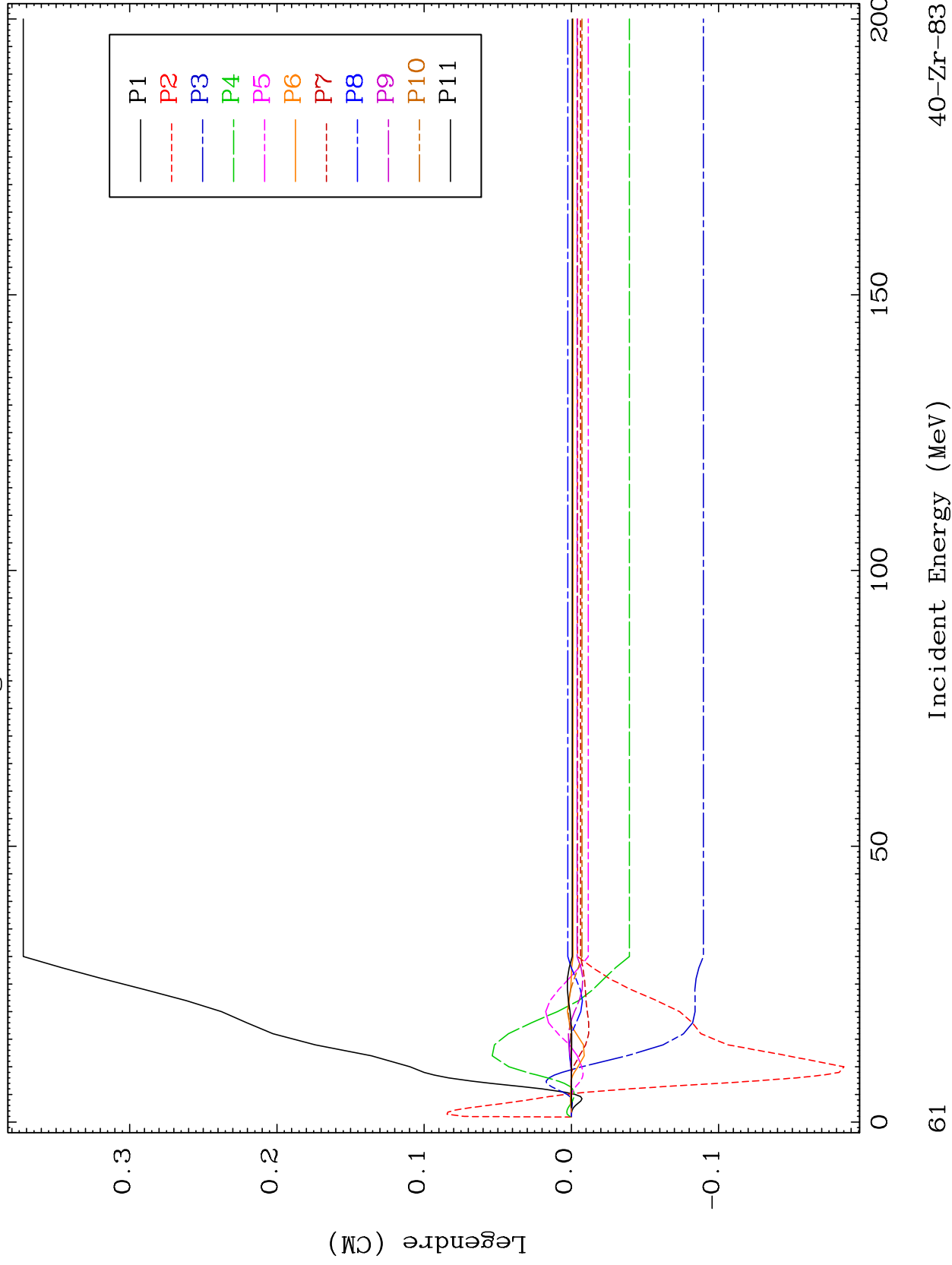
40-Zr-83



MAT 4004

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

40-Zr-83

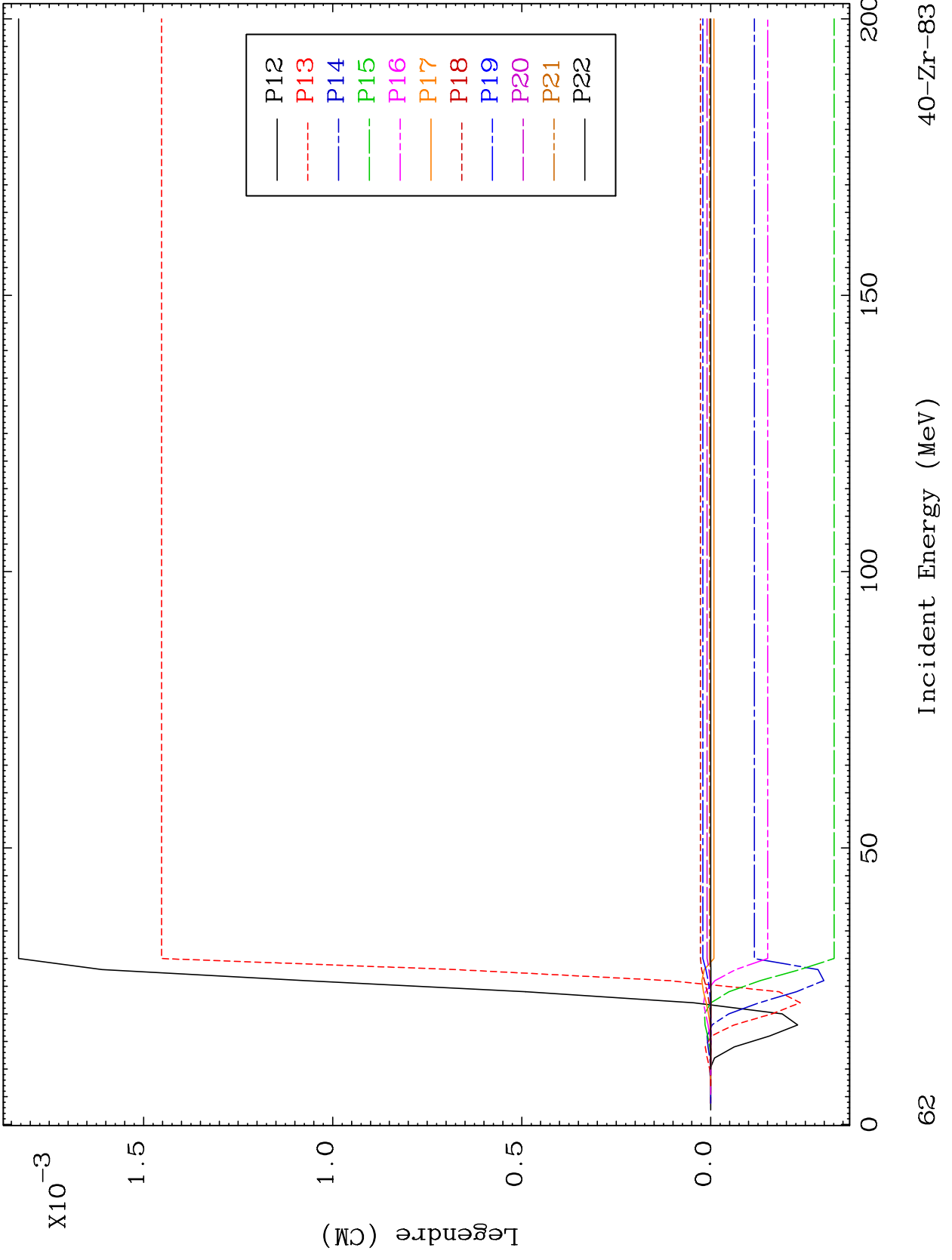


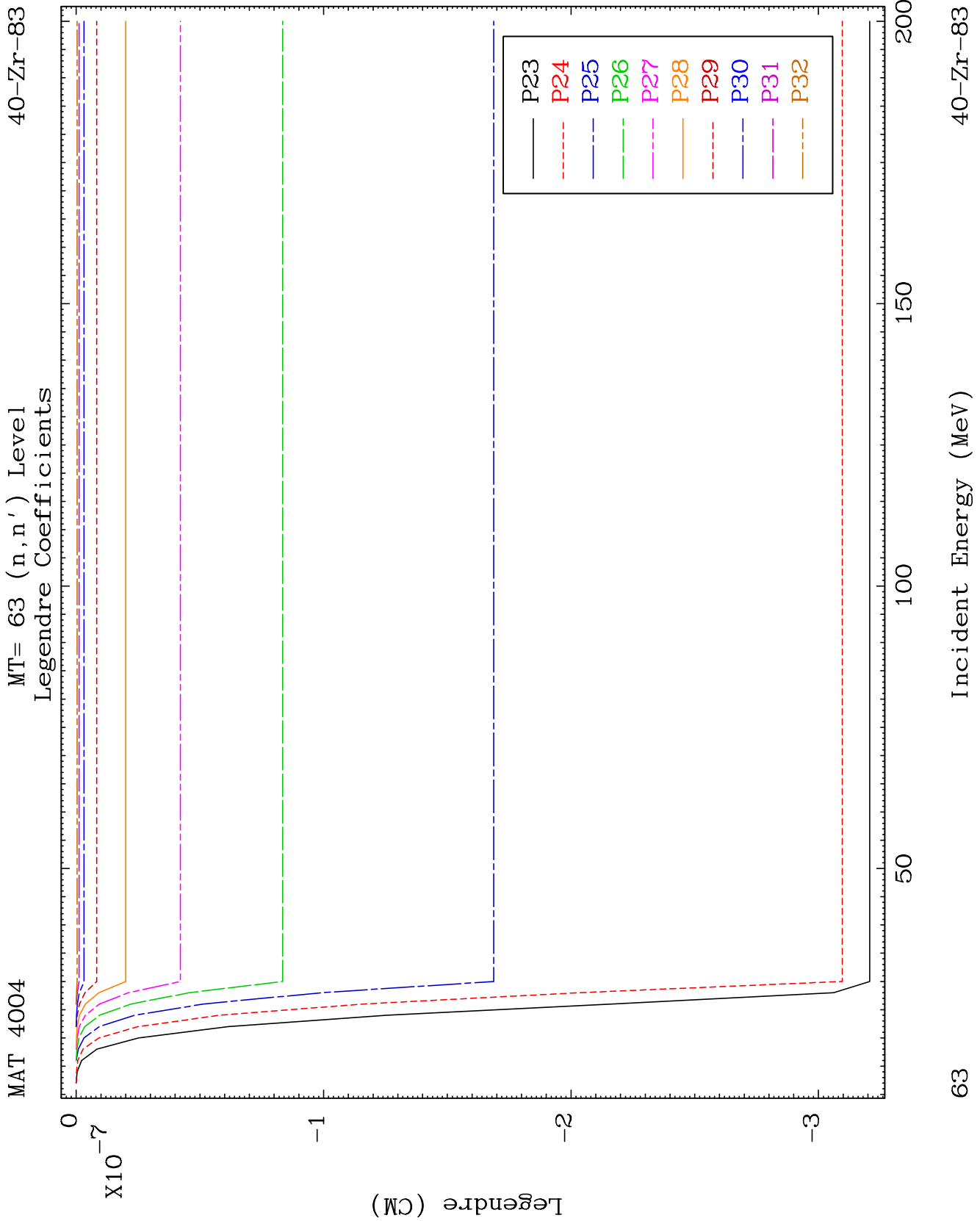
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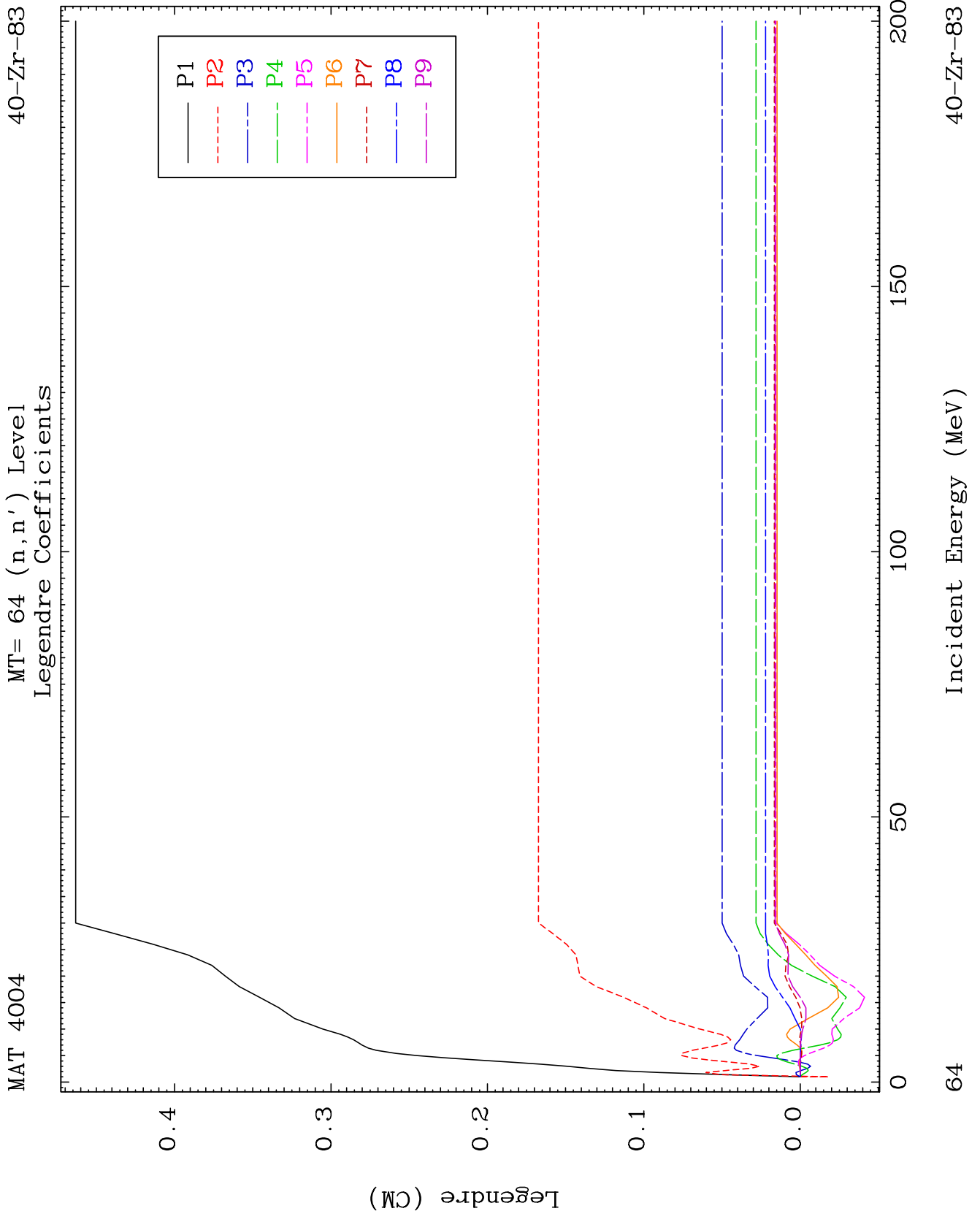
MAT 4004

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

40-Zr-83



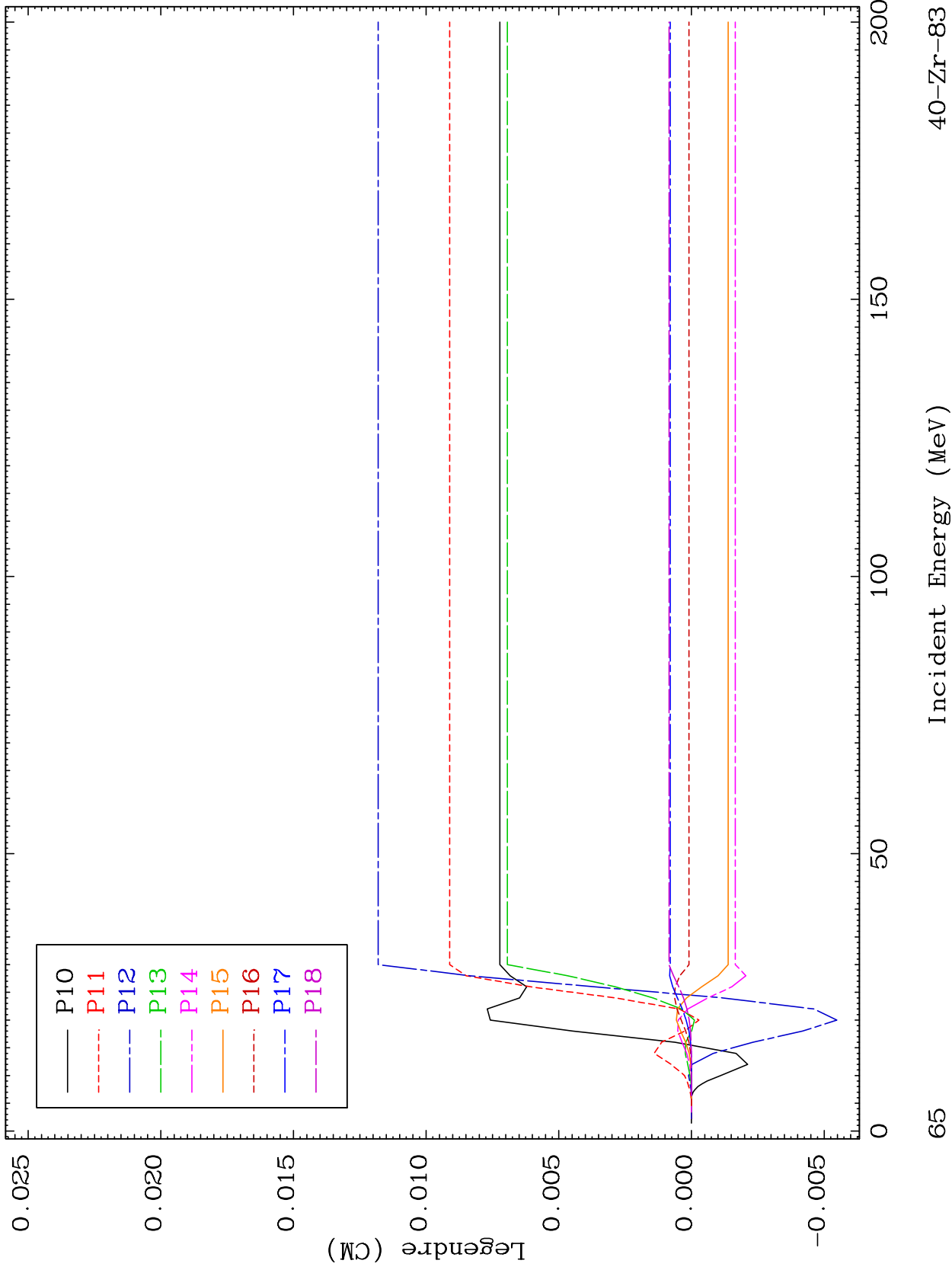


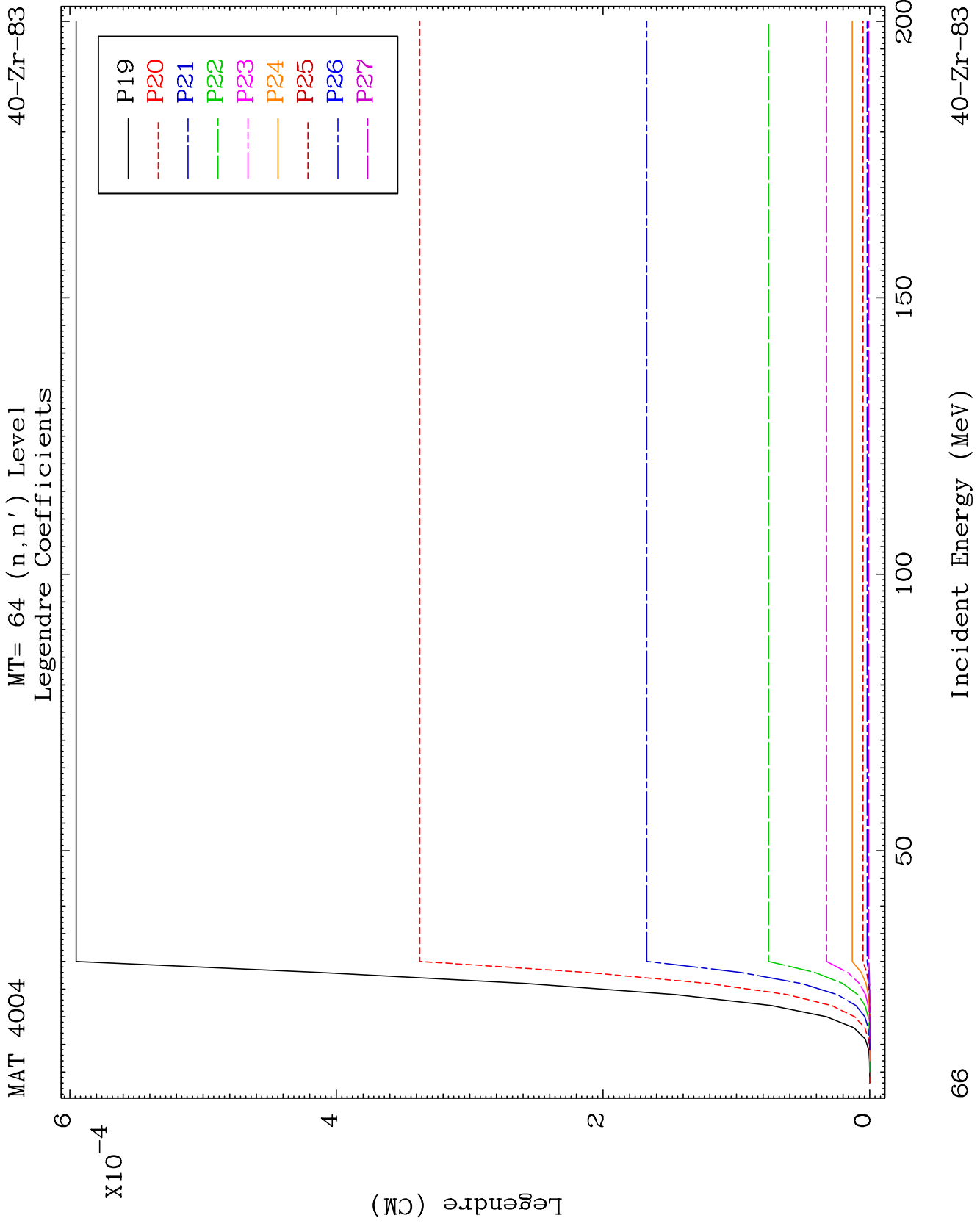


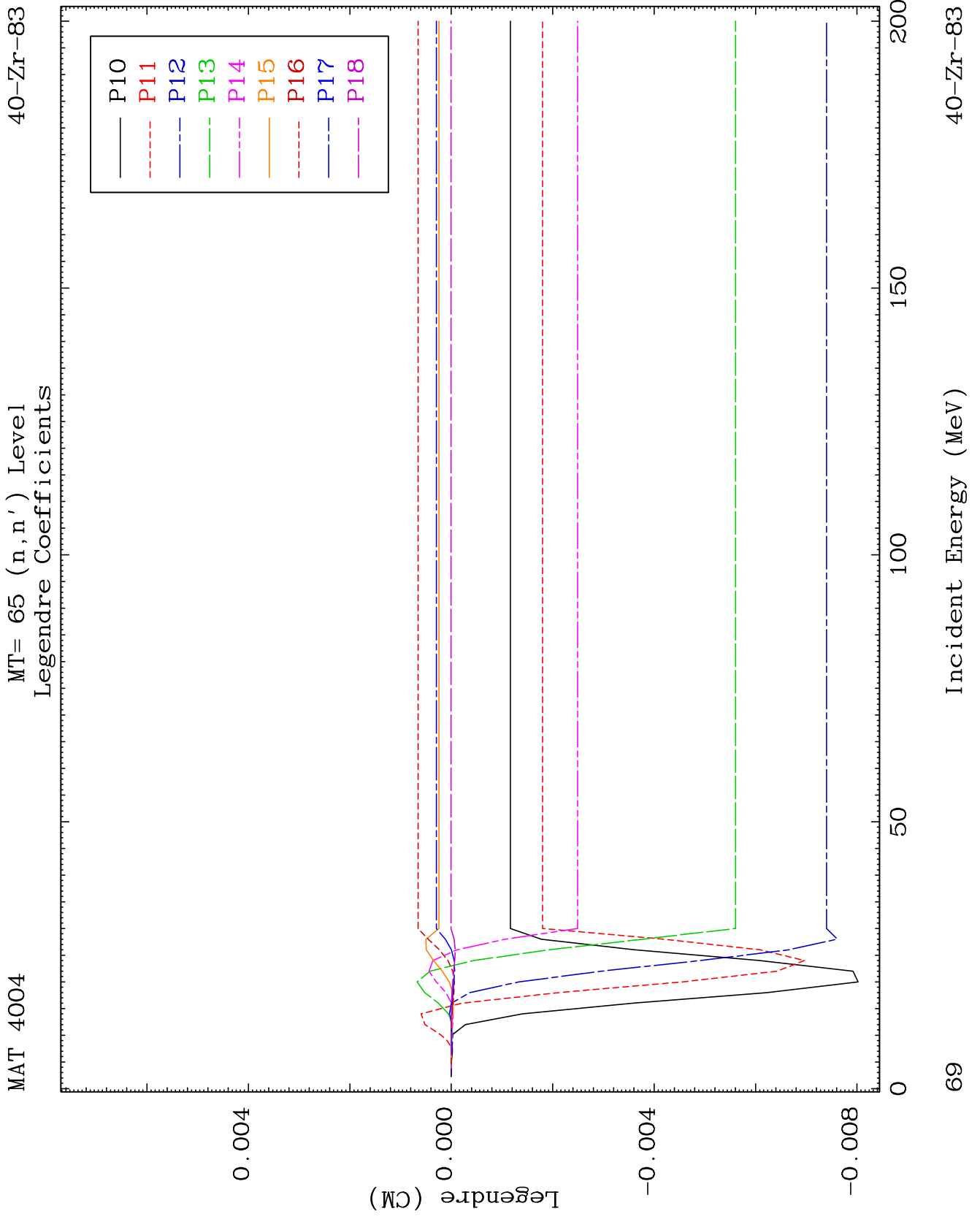
MAT 4004

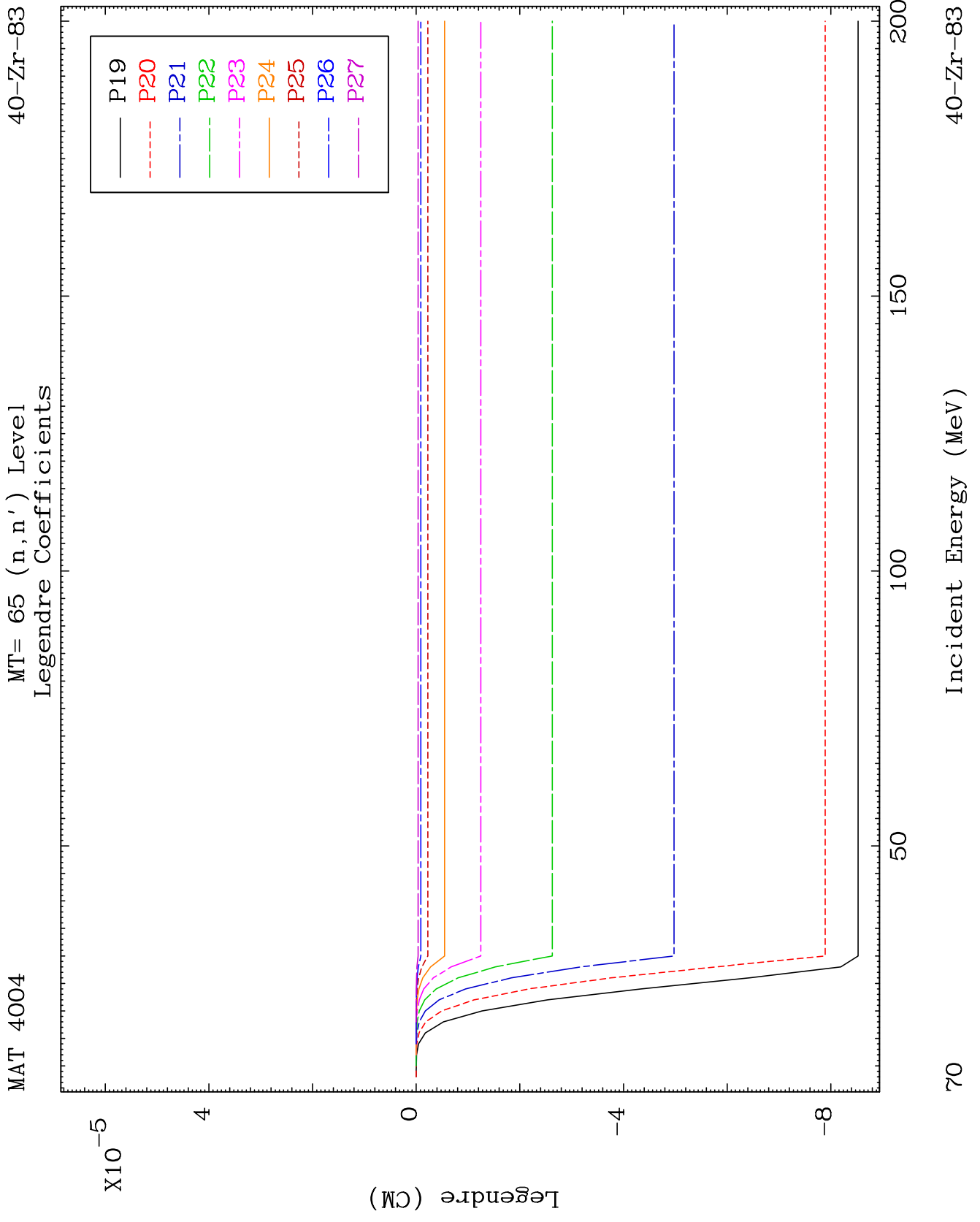
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Legendre Coefficients

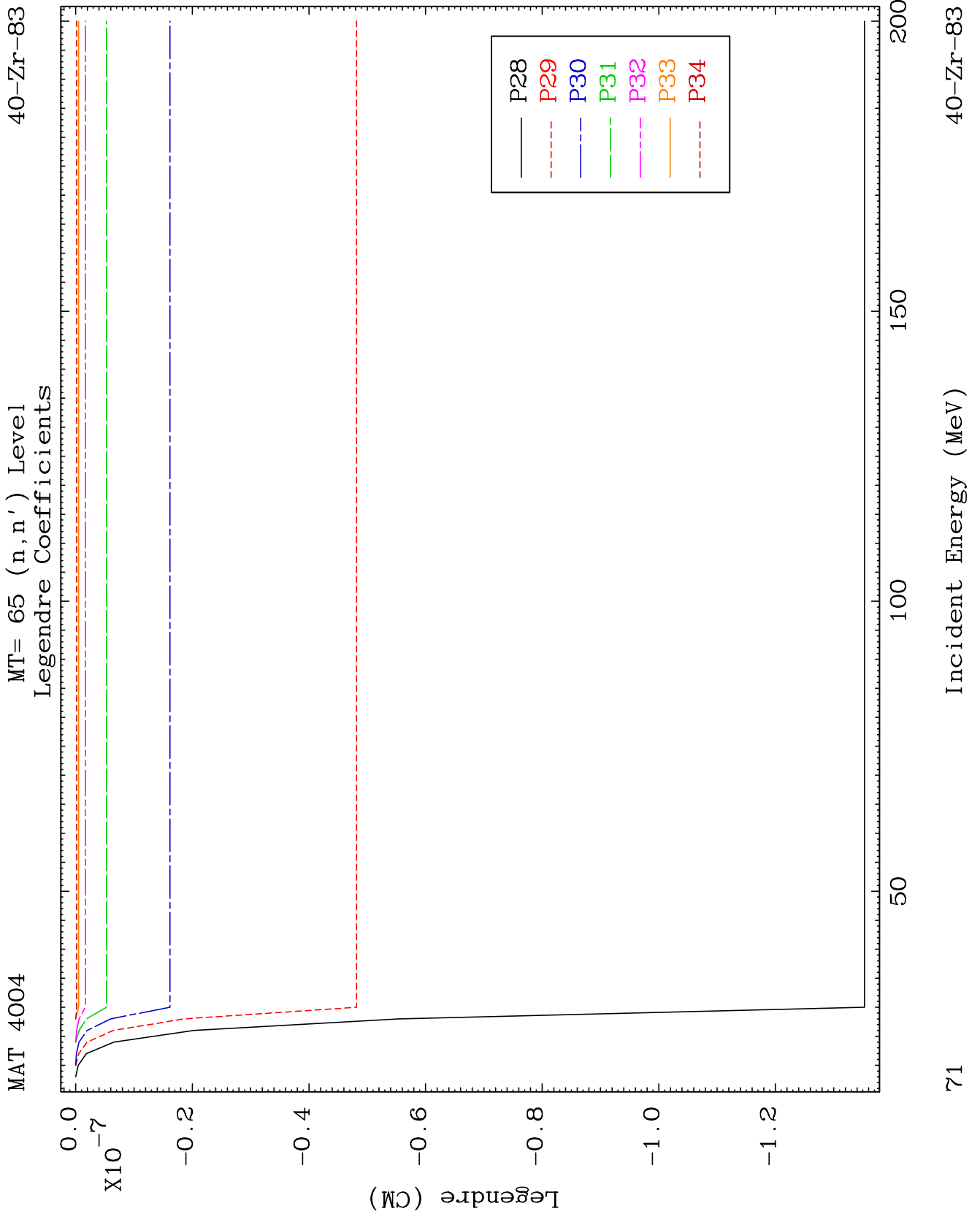
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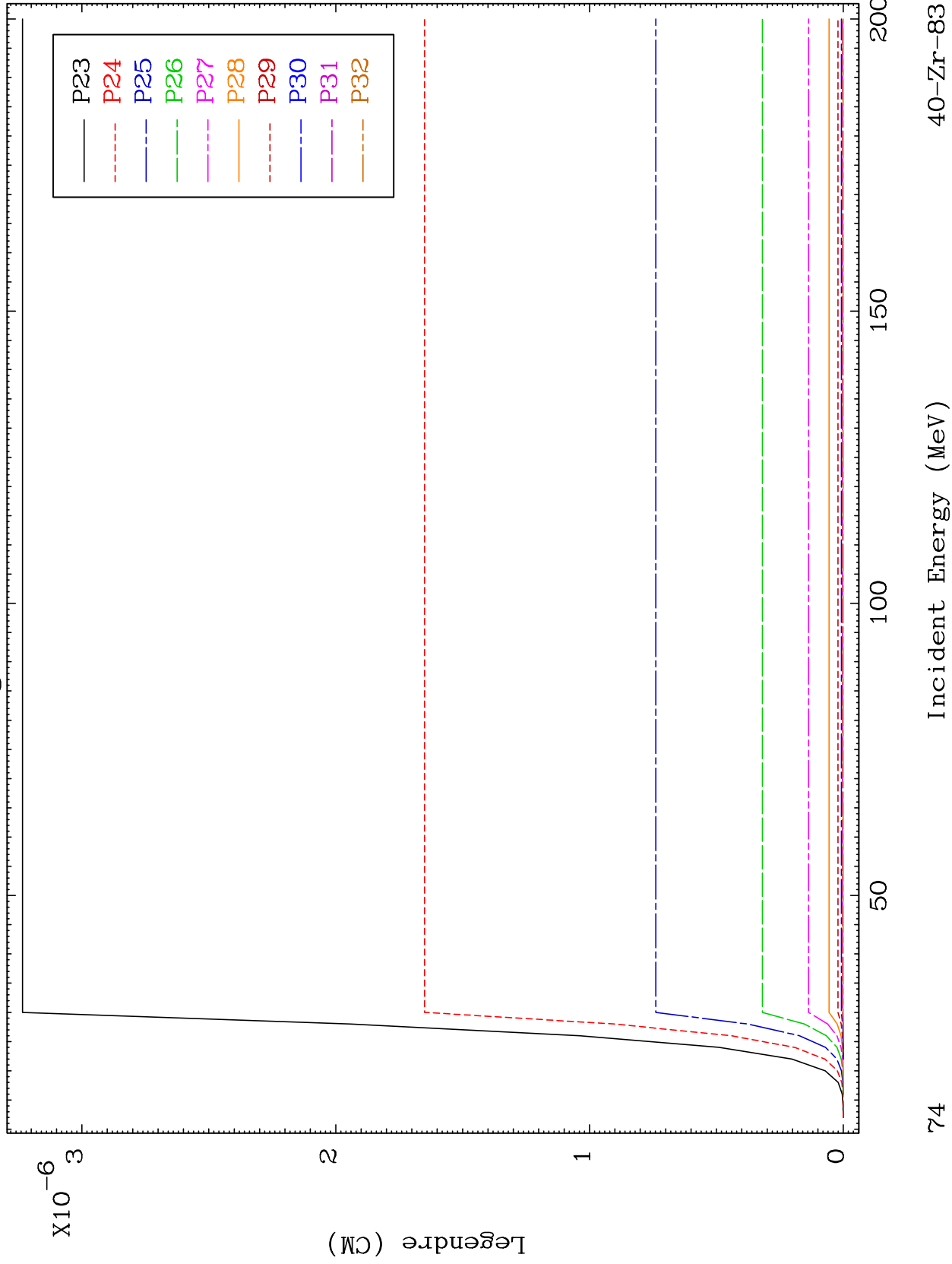


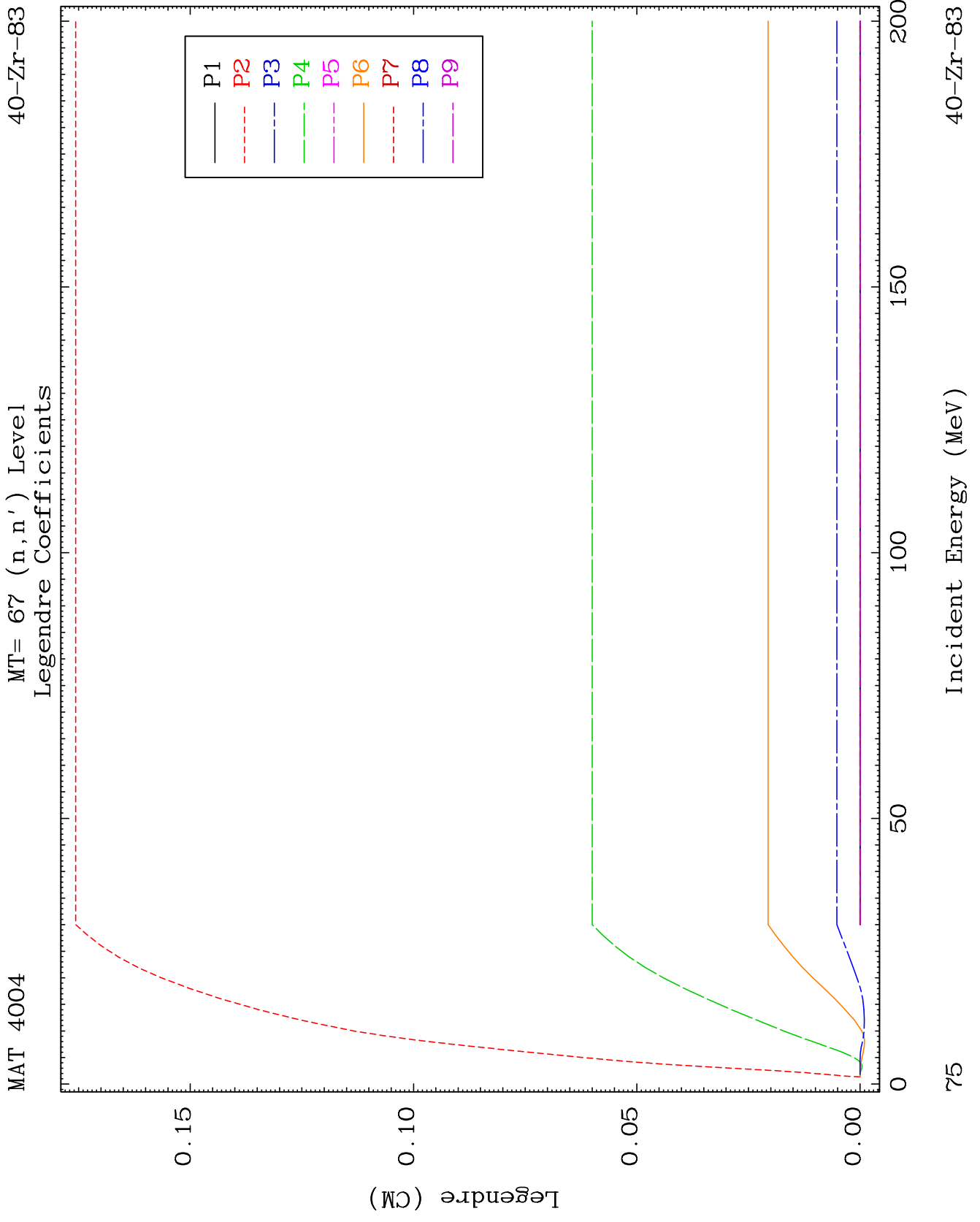


MAT 4004

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

40-Zr-83

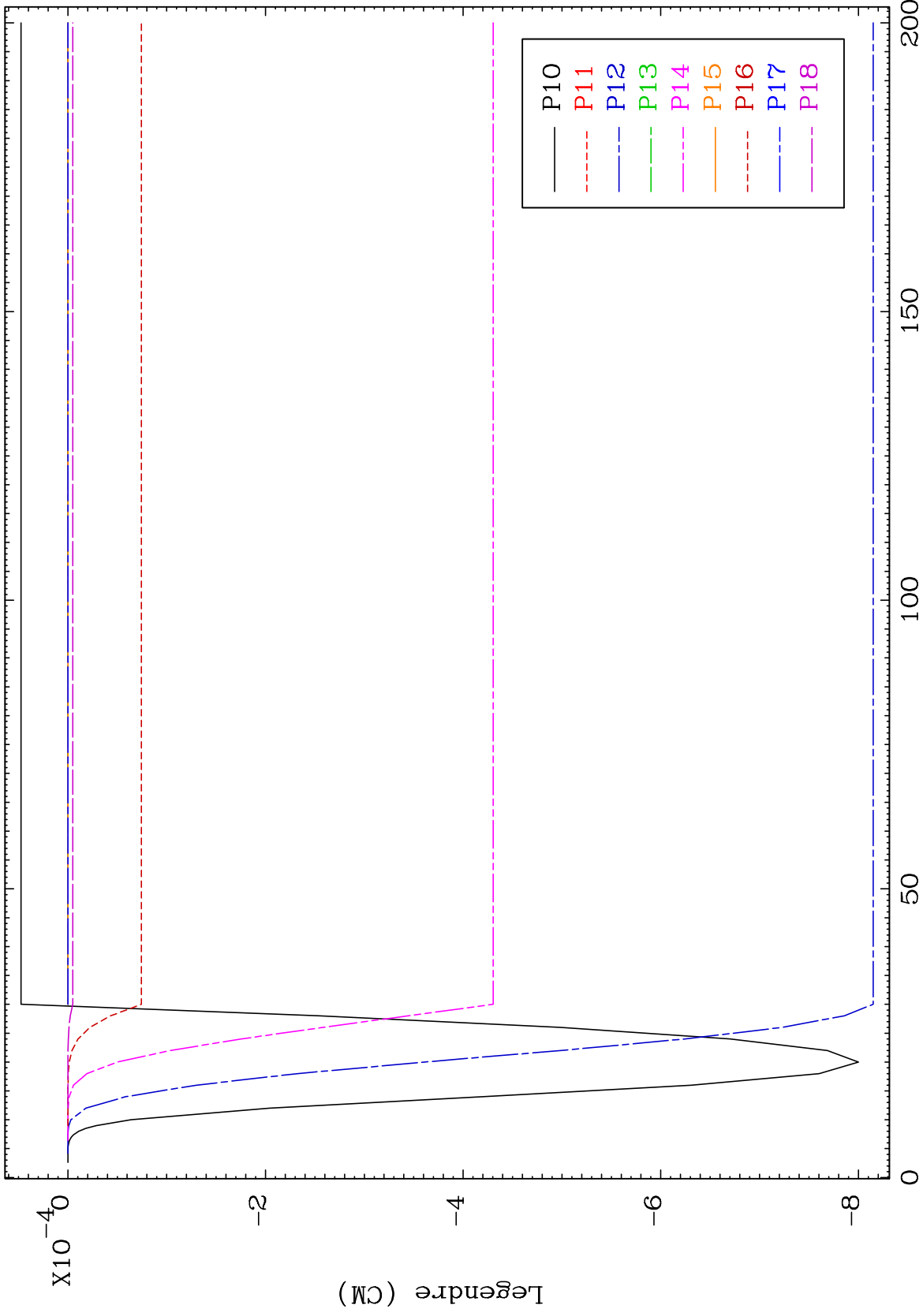




MAT 4004

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

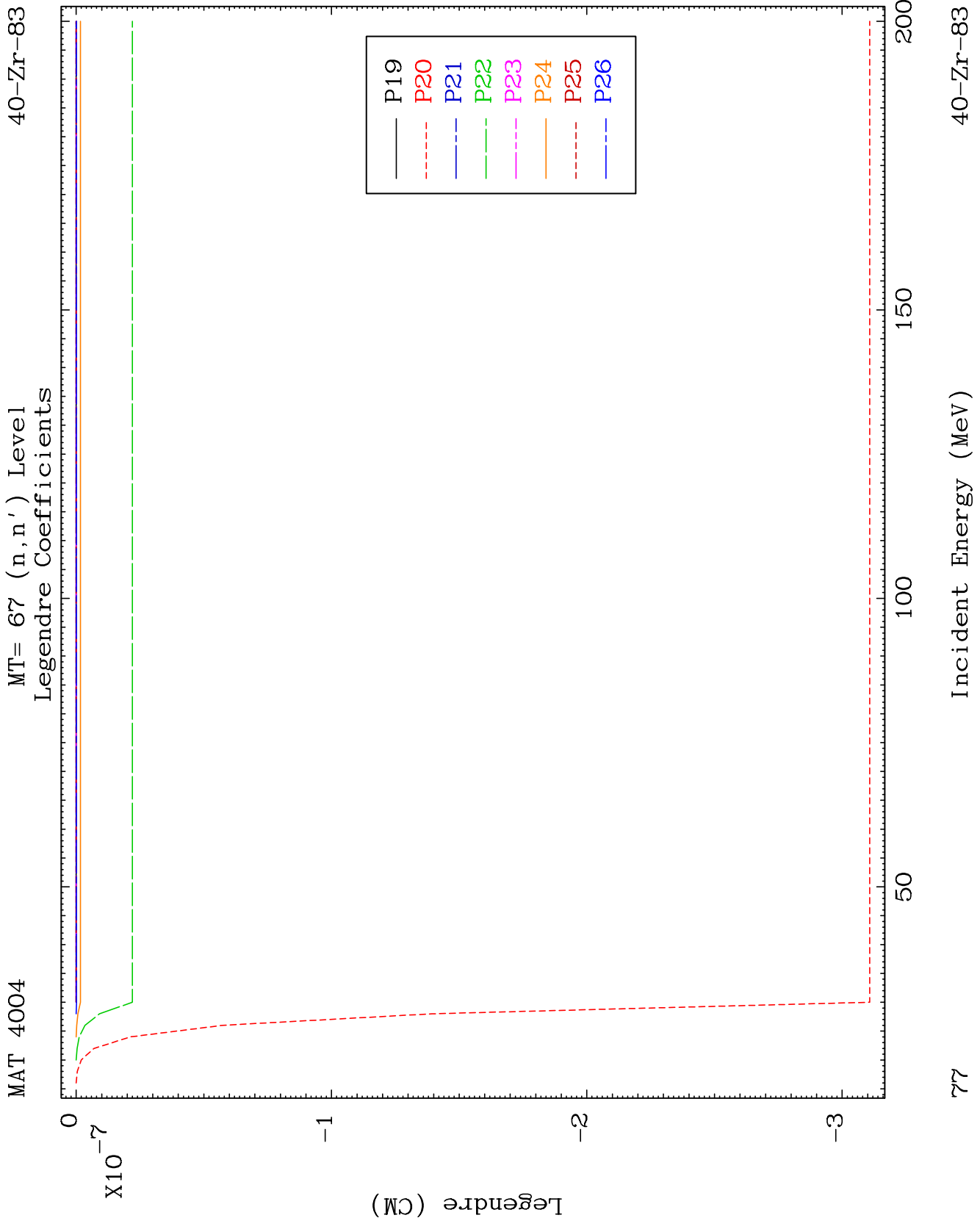
40-Zr-83



76

Incident Energy (MeV)

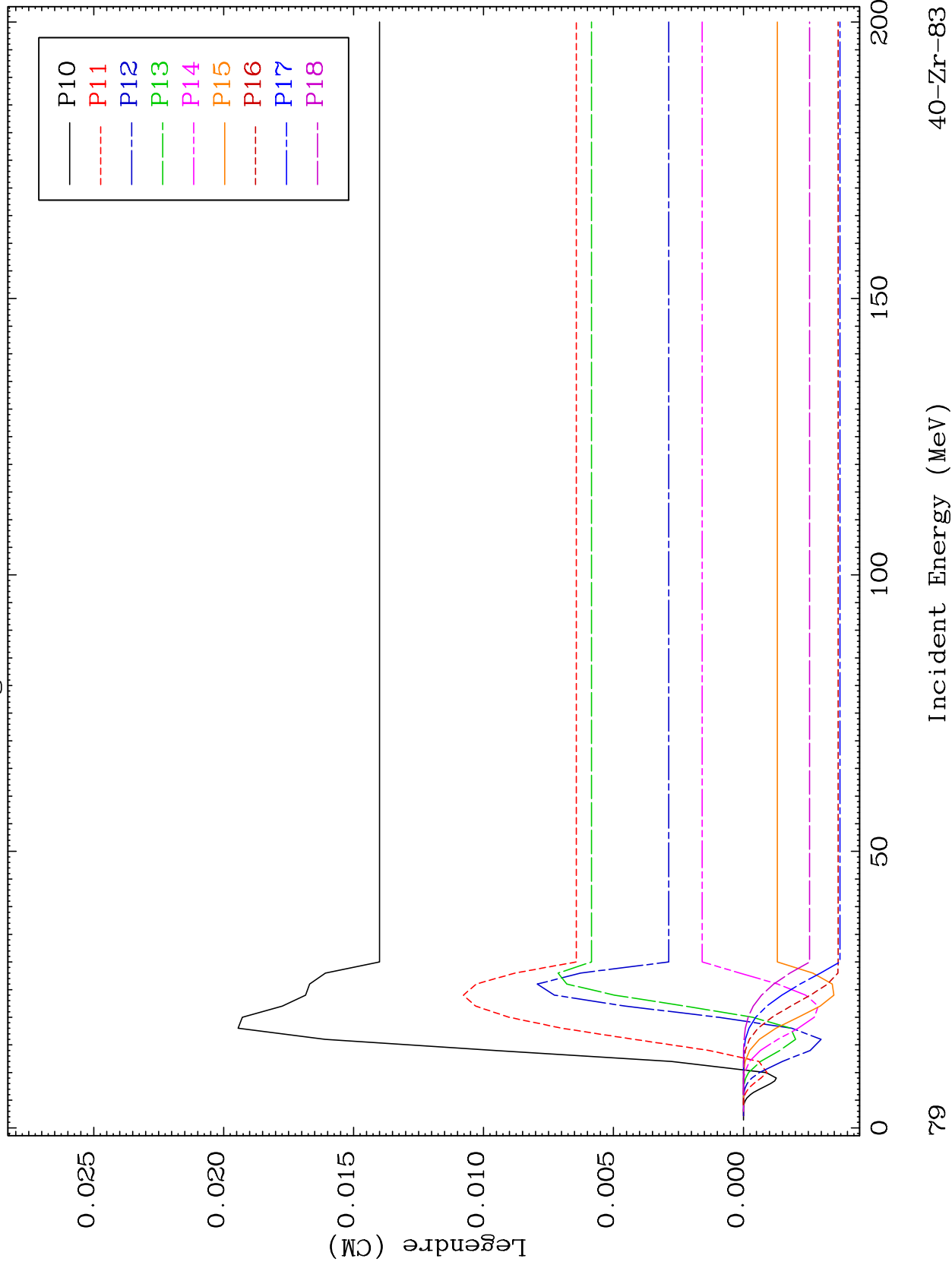
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MAT 4004

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

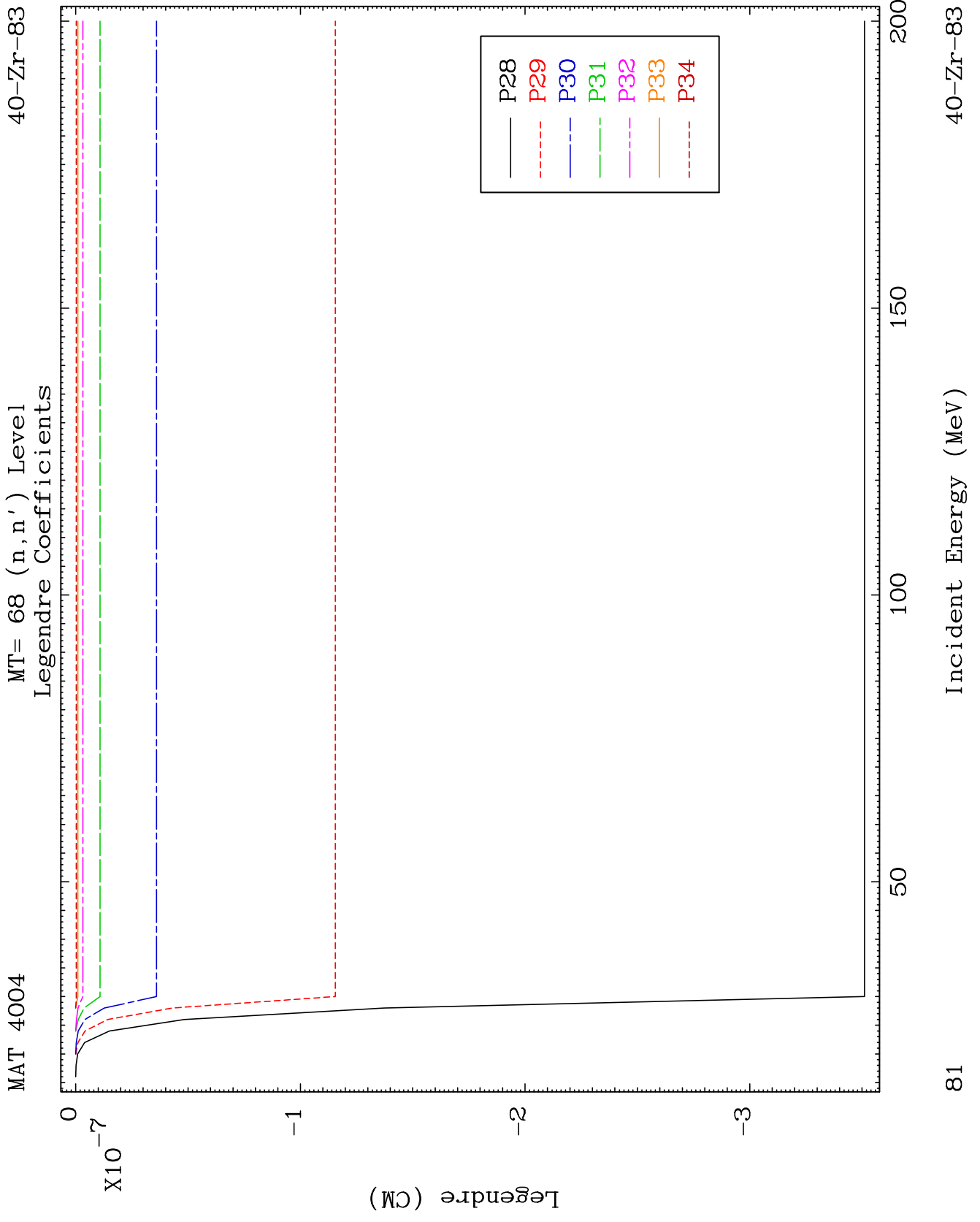
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79

Incident Energy (MeV)

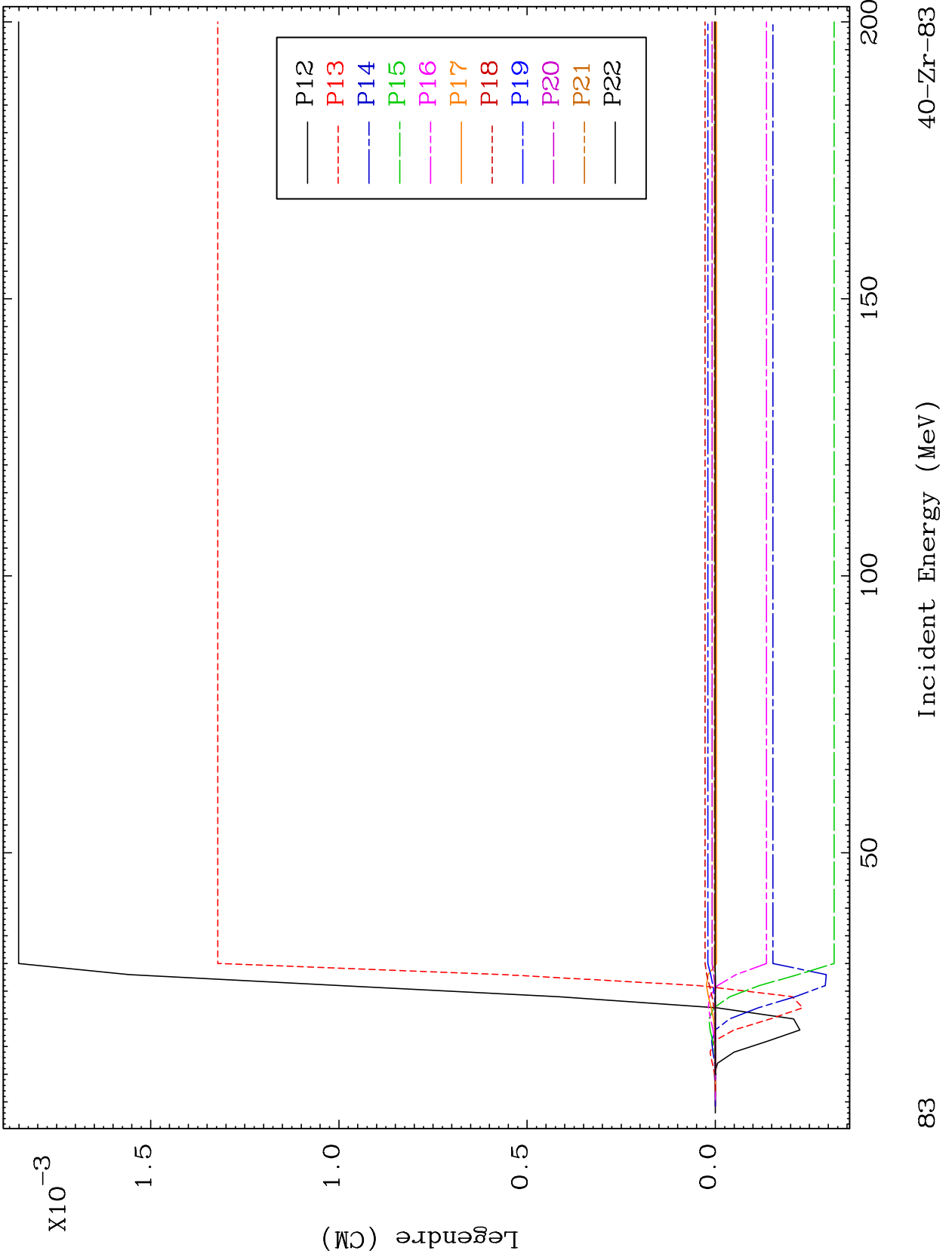
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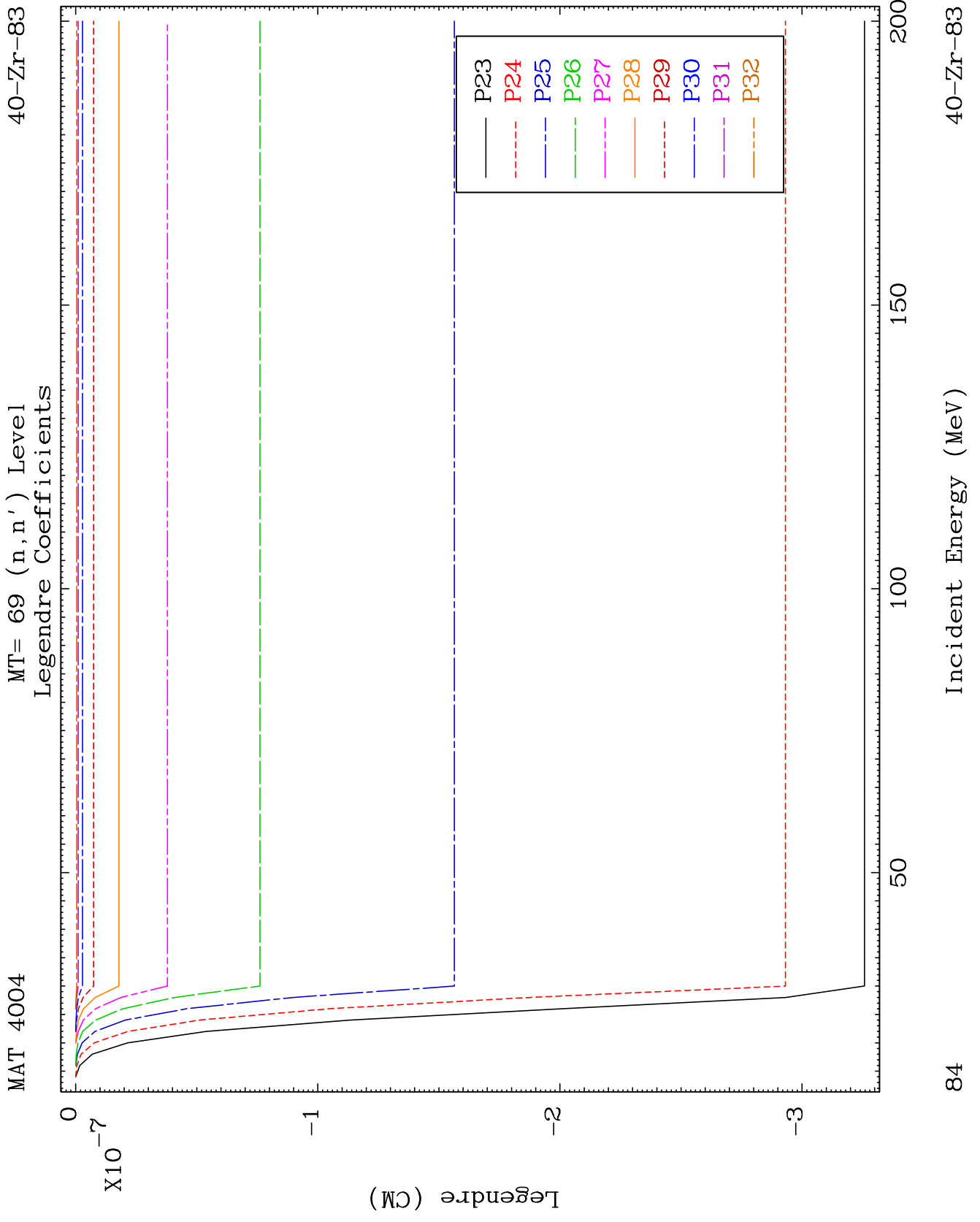
MAT 4004

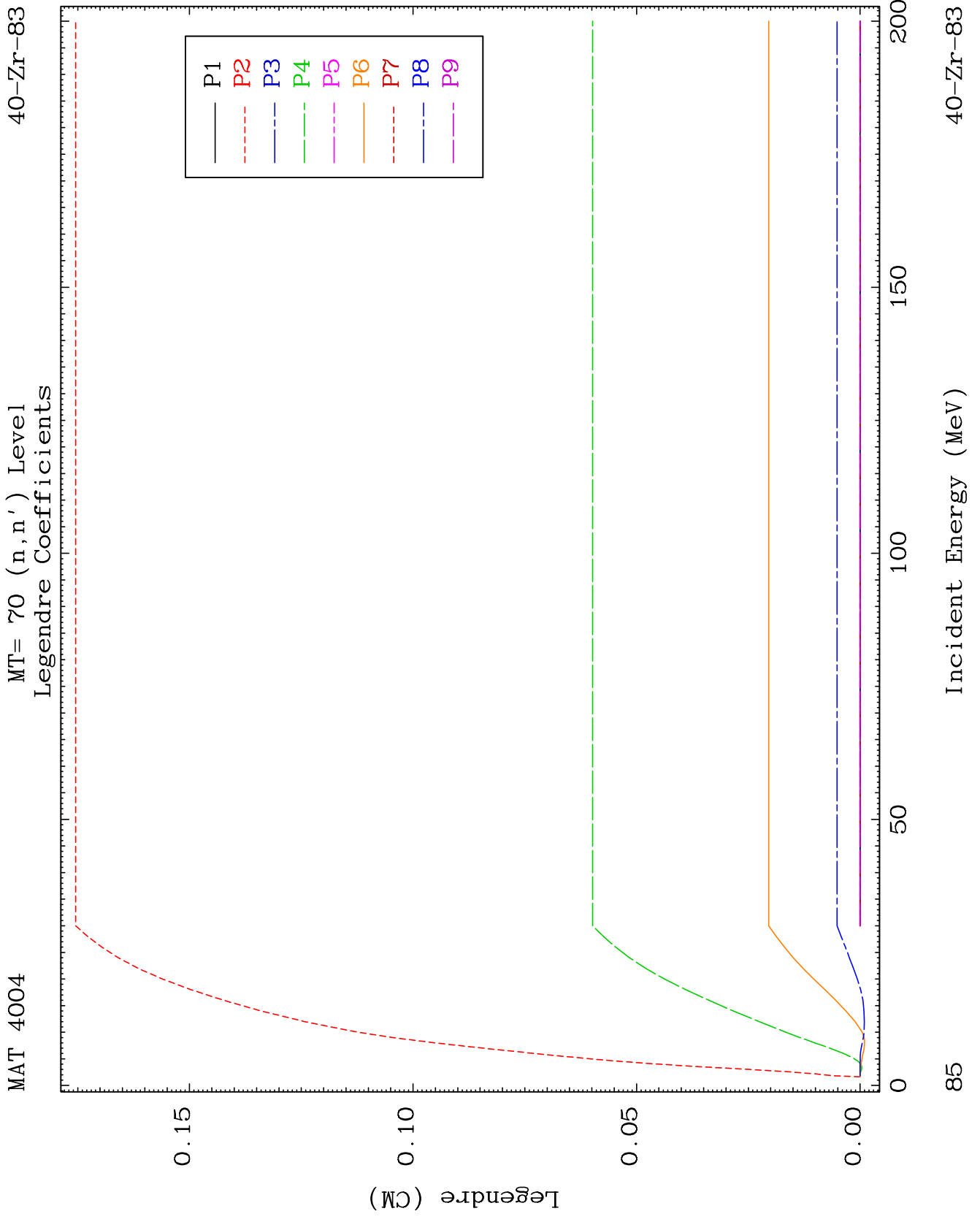
MT= 69 (n,n') Level
Legendre Coefficients

40-Zr-83



83

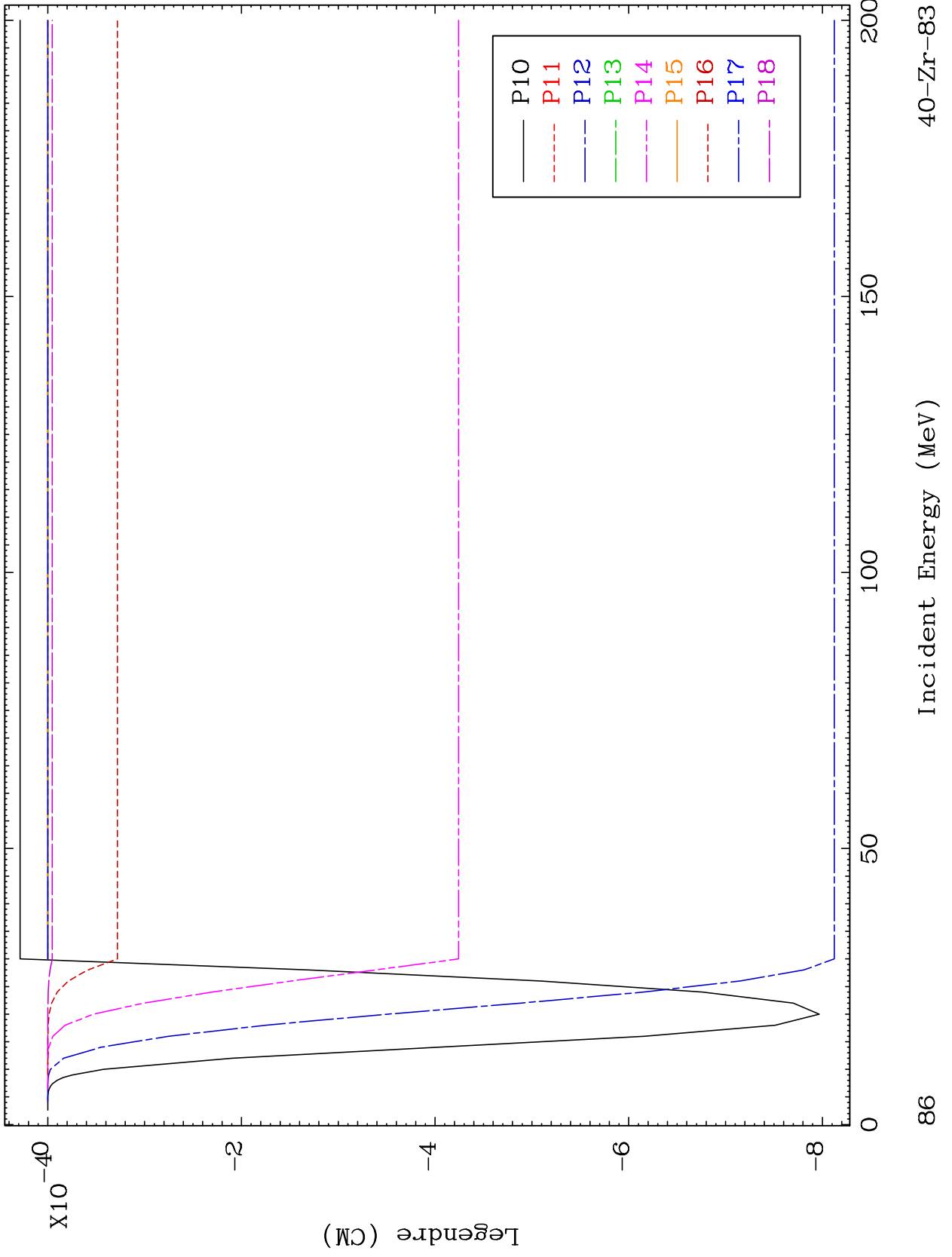




MAT 4004

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

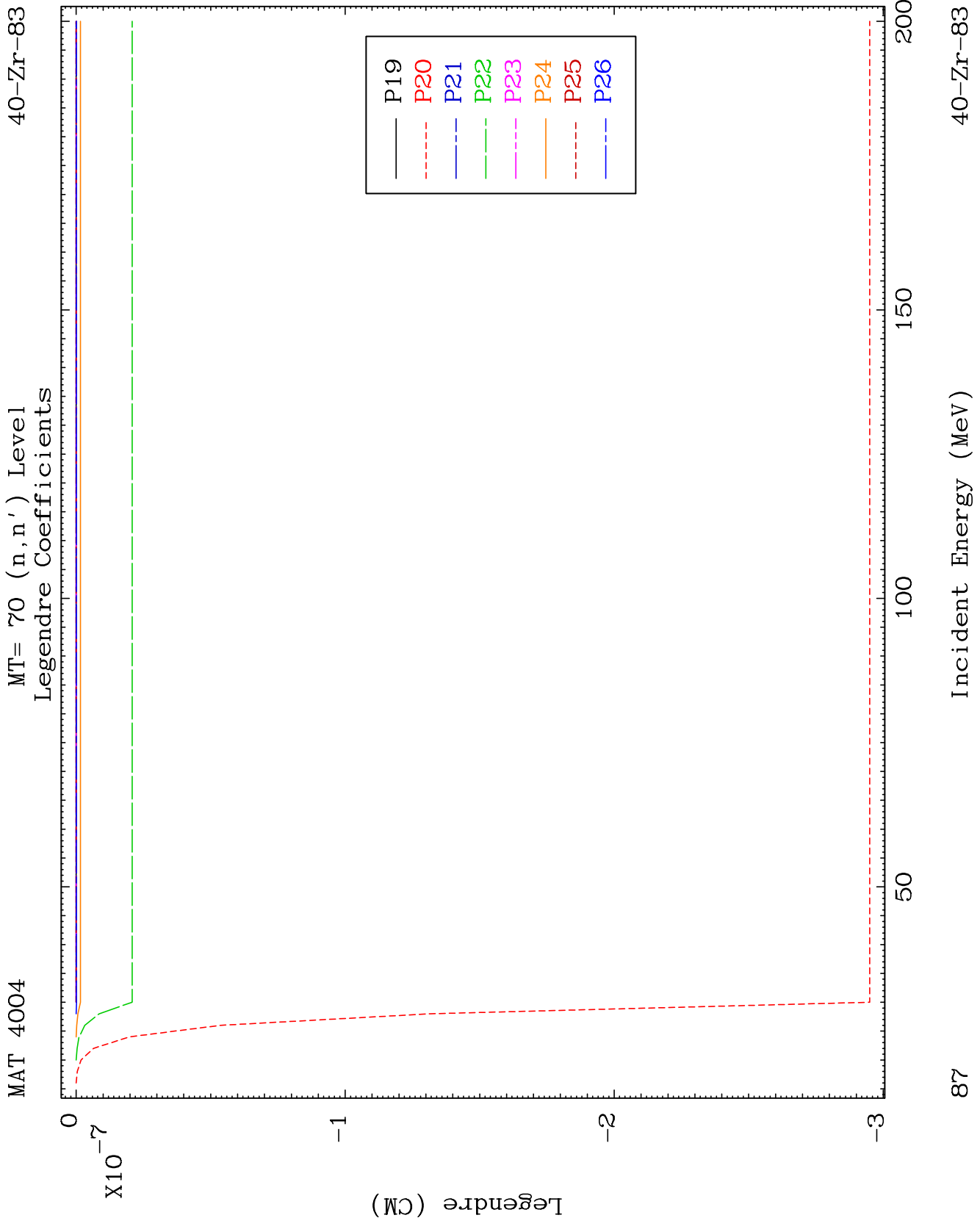
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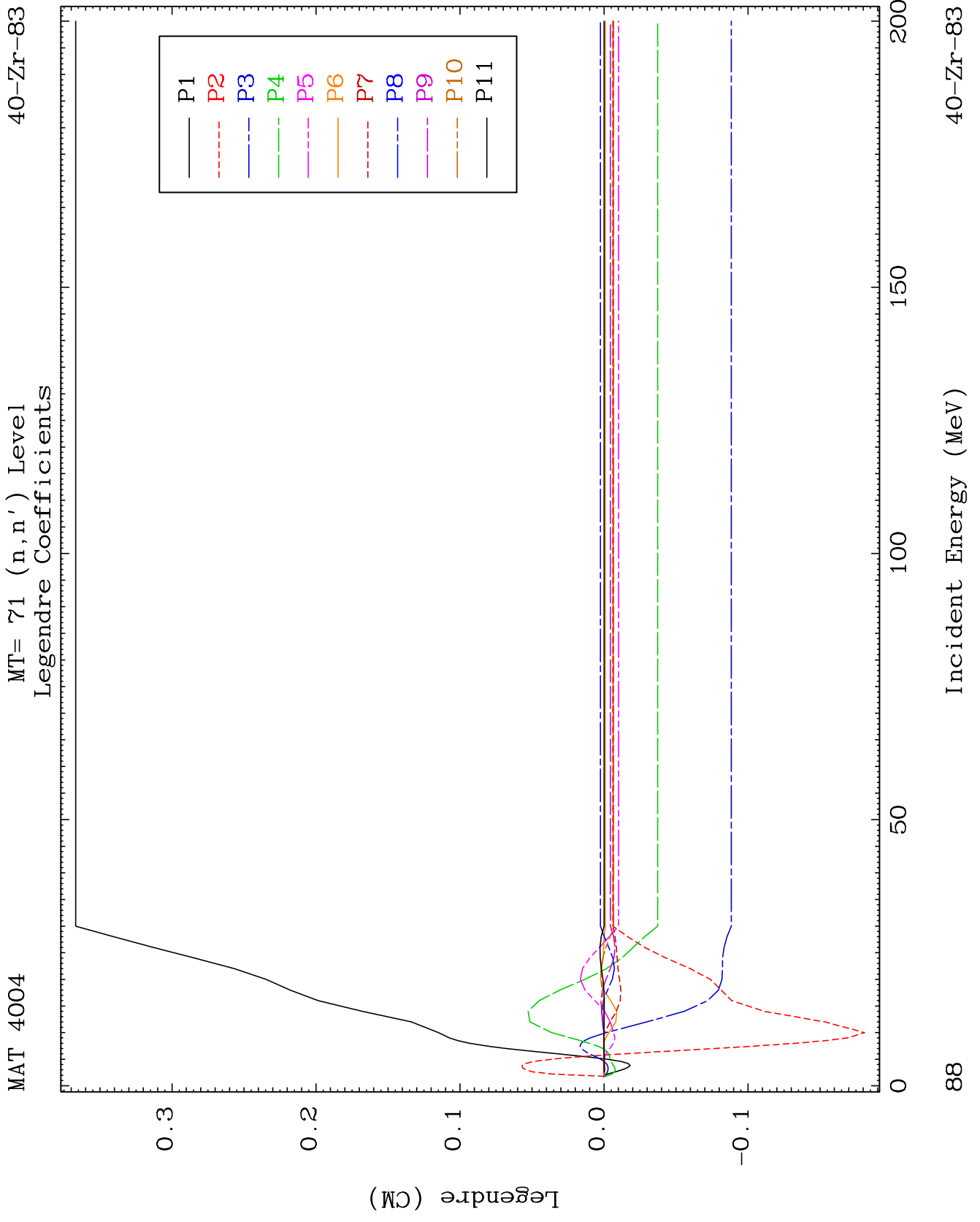


86

Incident Energy (MeV)

40-Zr-83

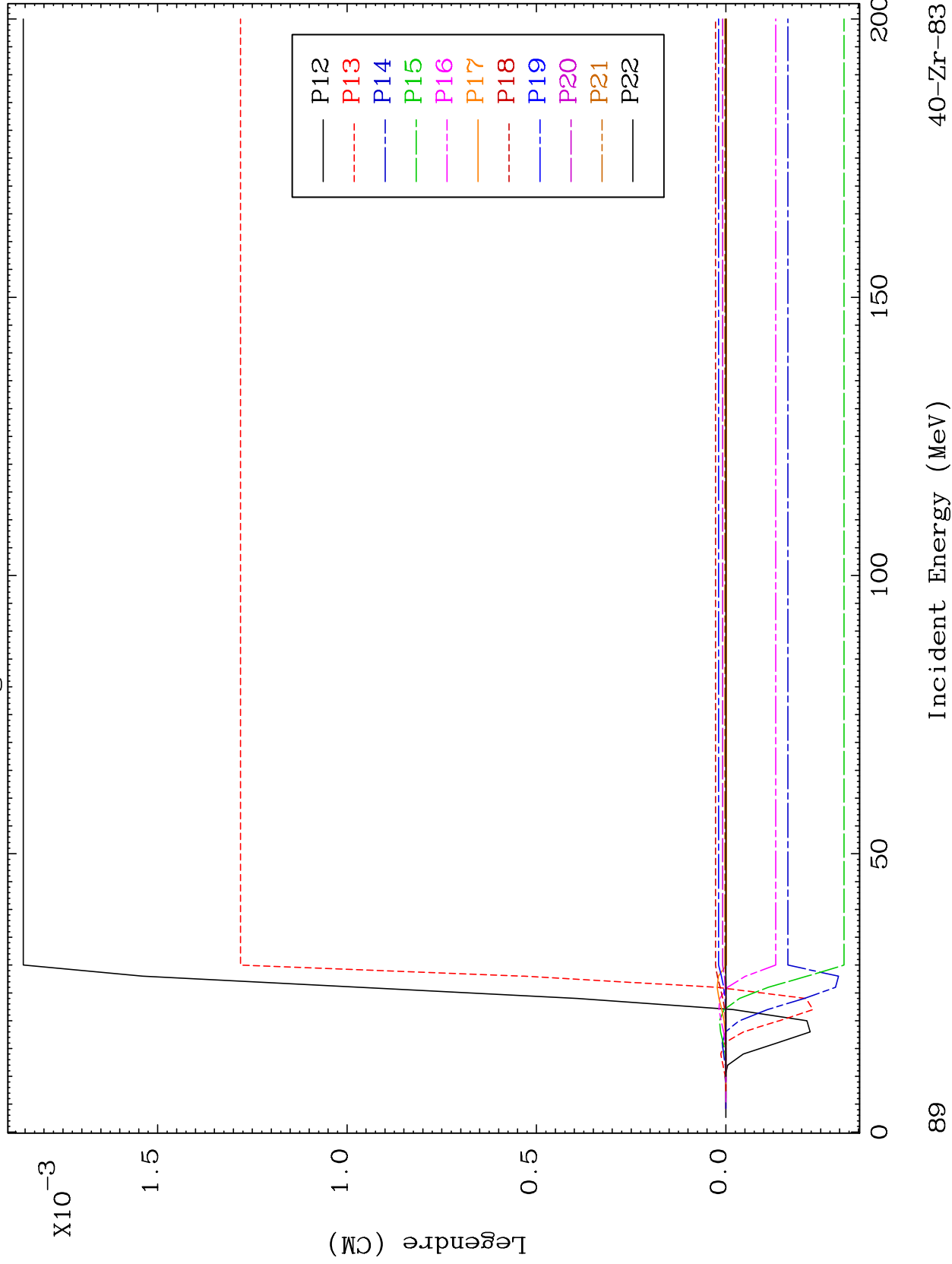


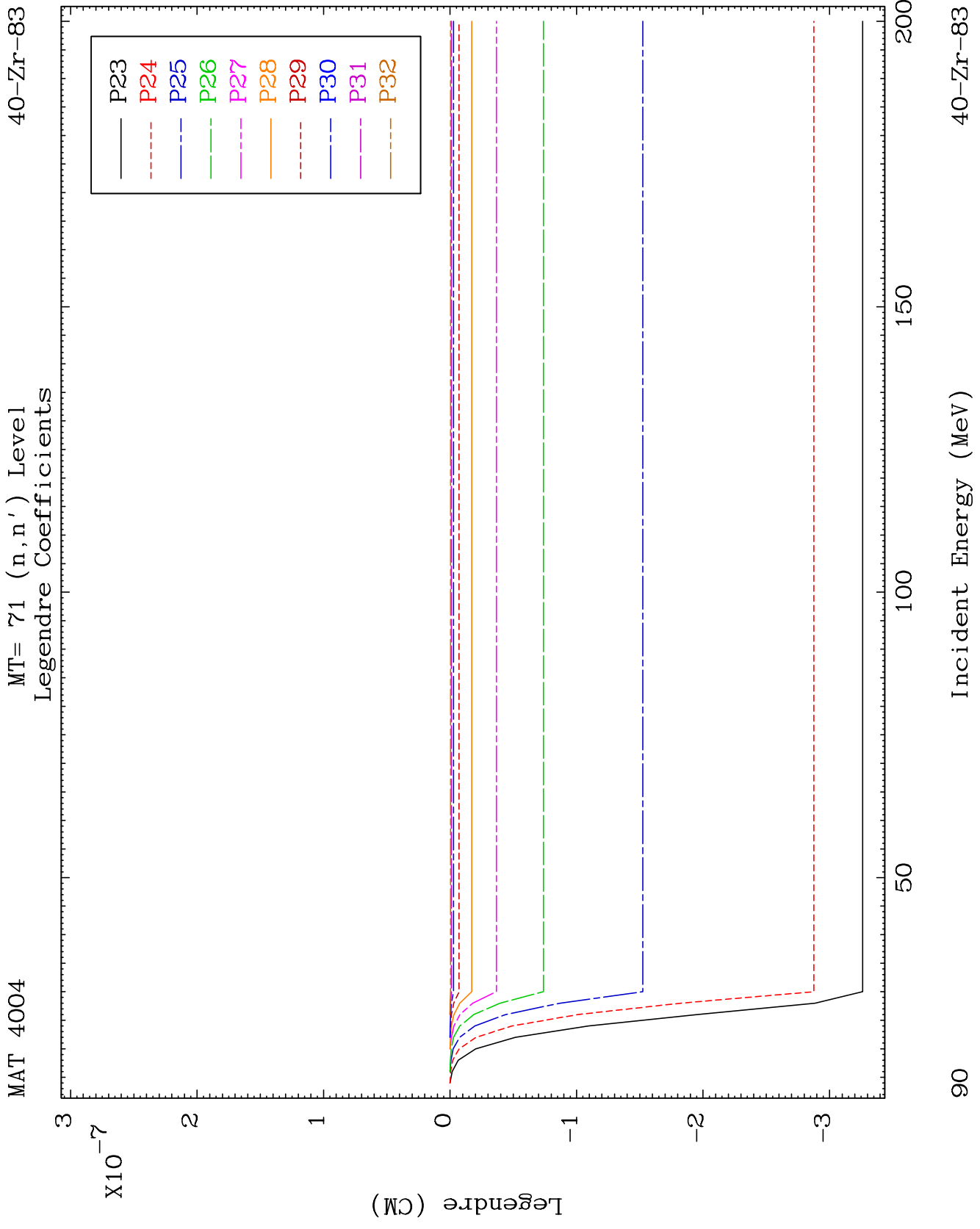


MAT 4004

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

40-Zr-83

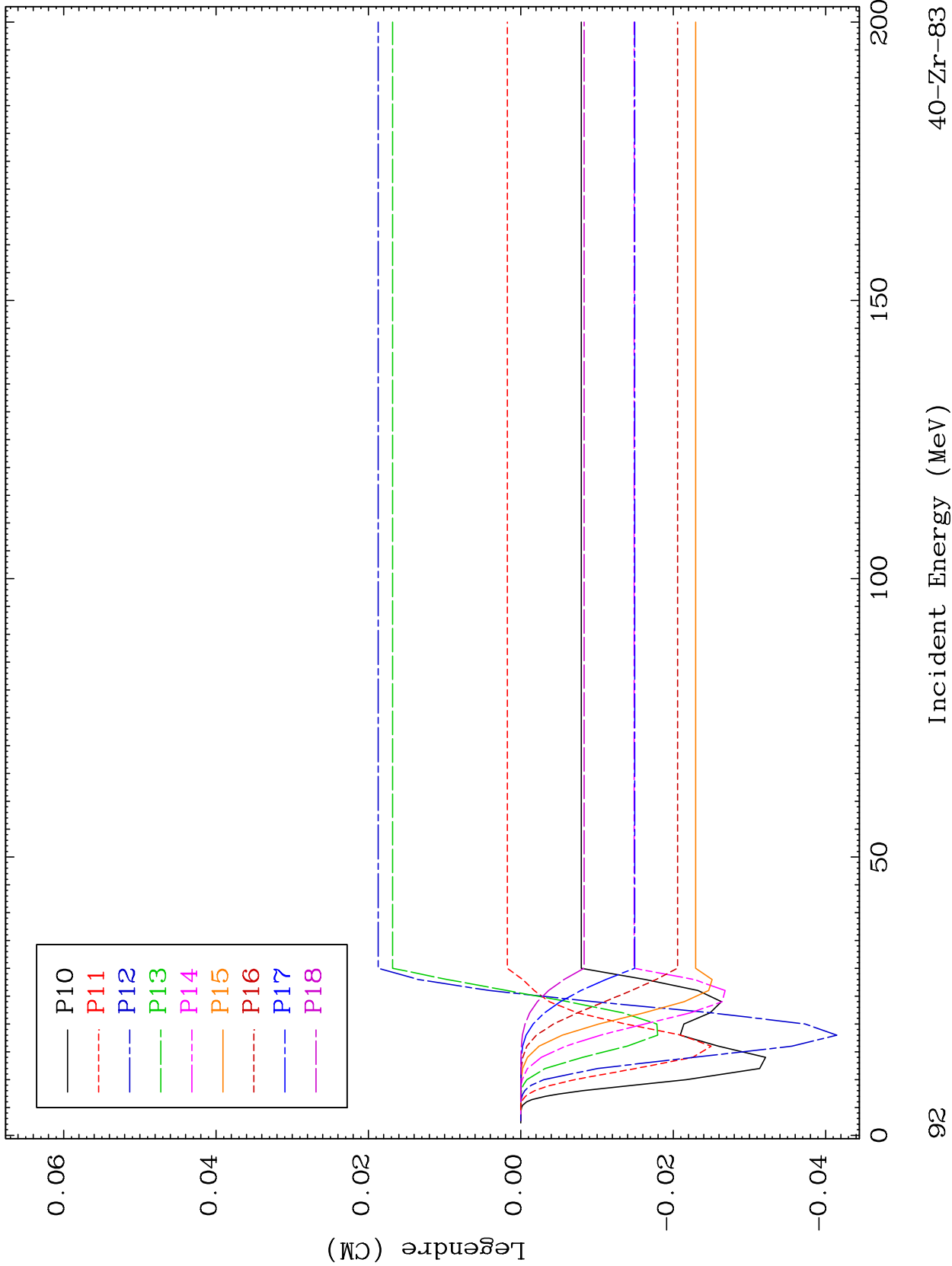




MAT 4004

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

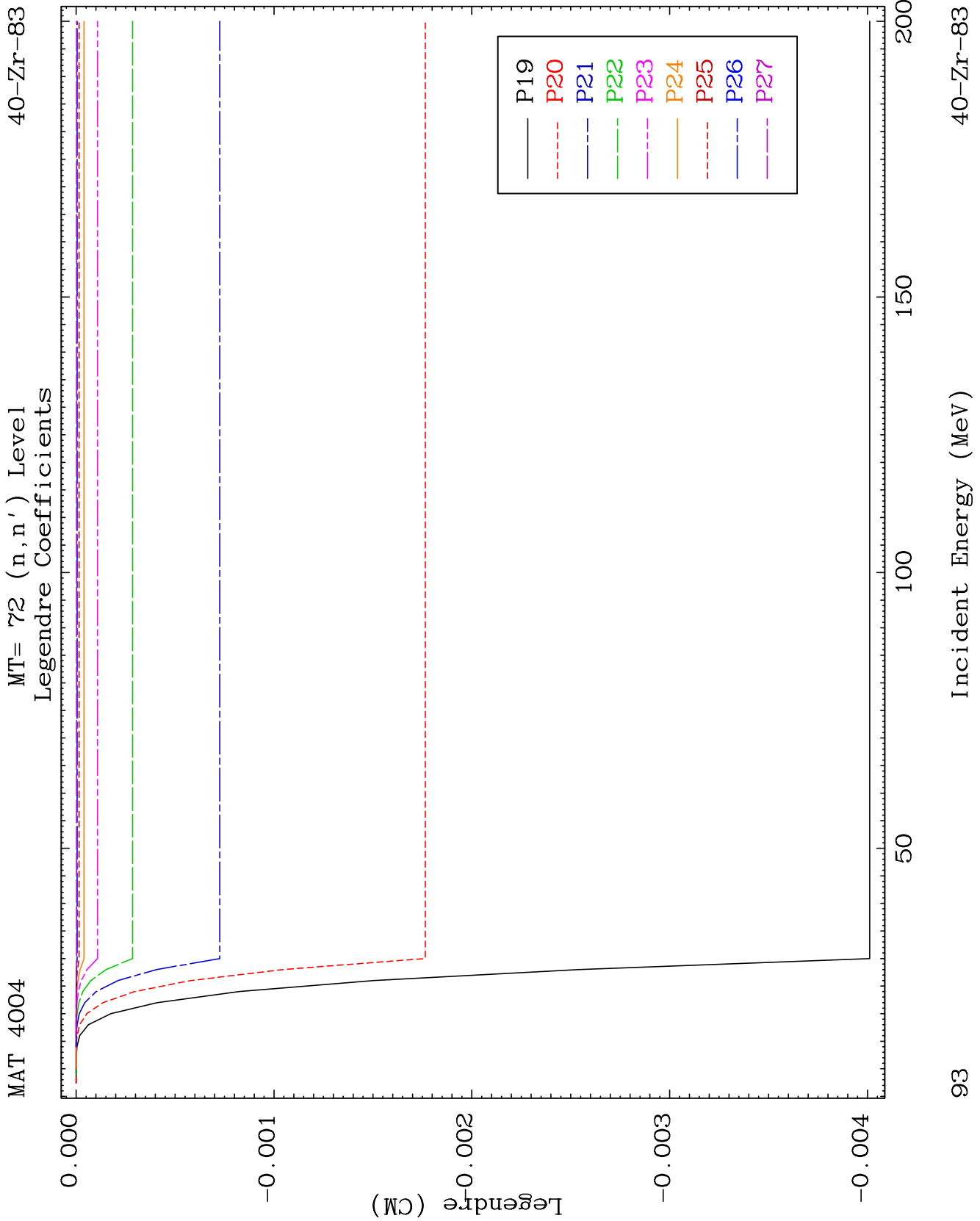
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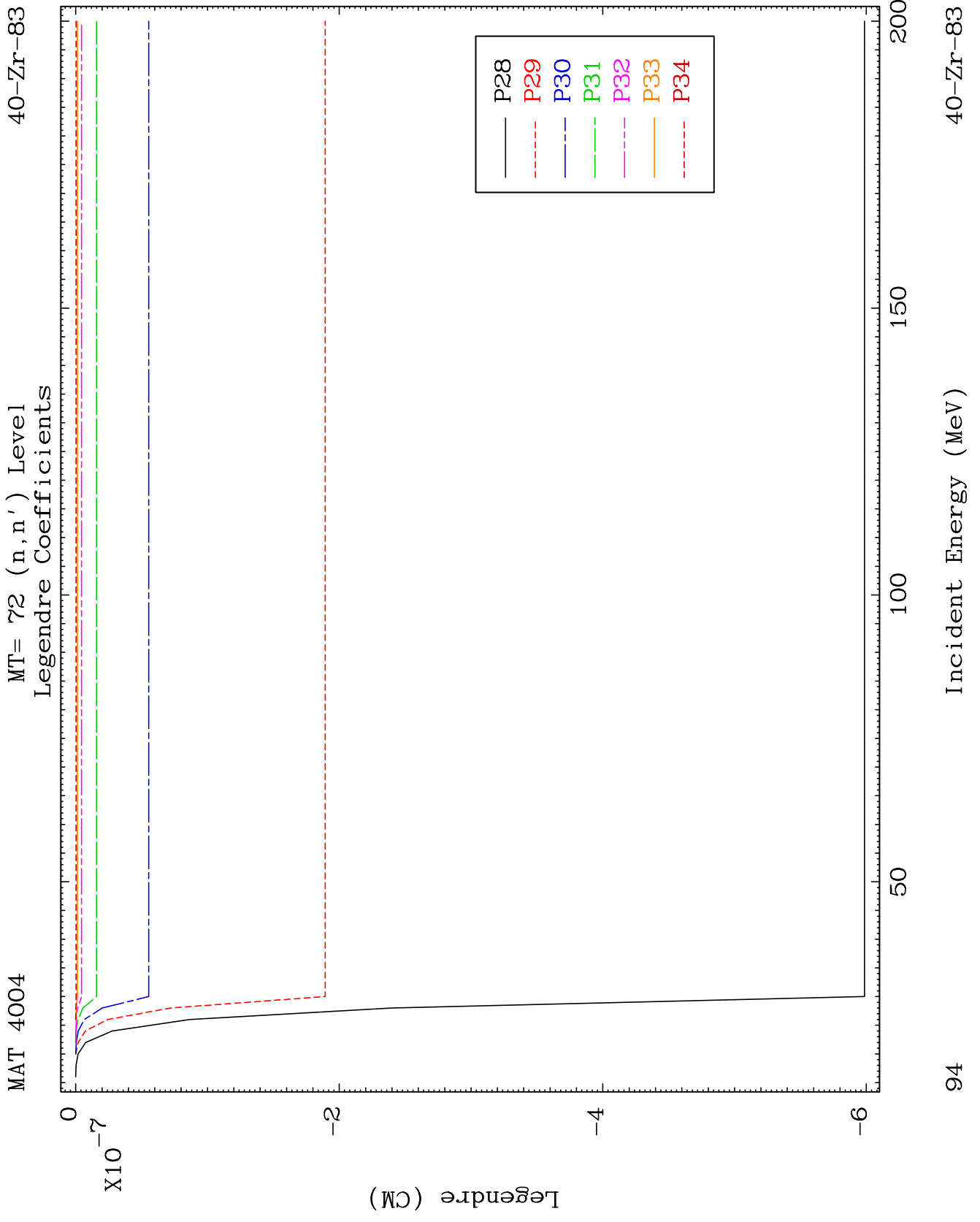


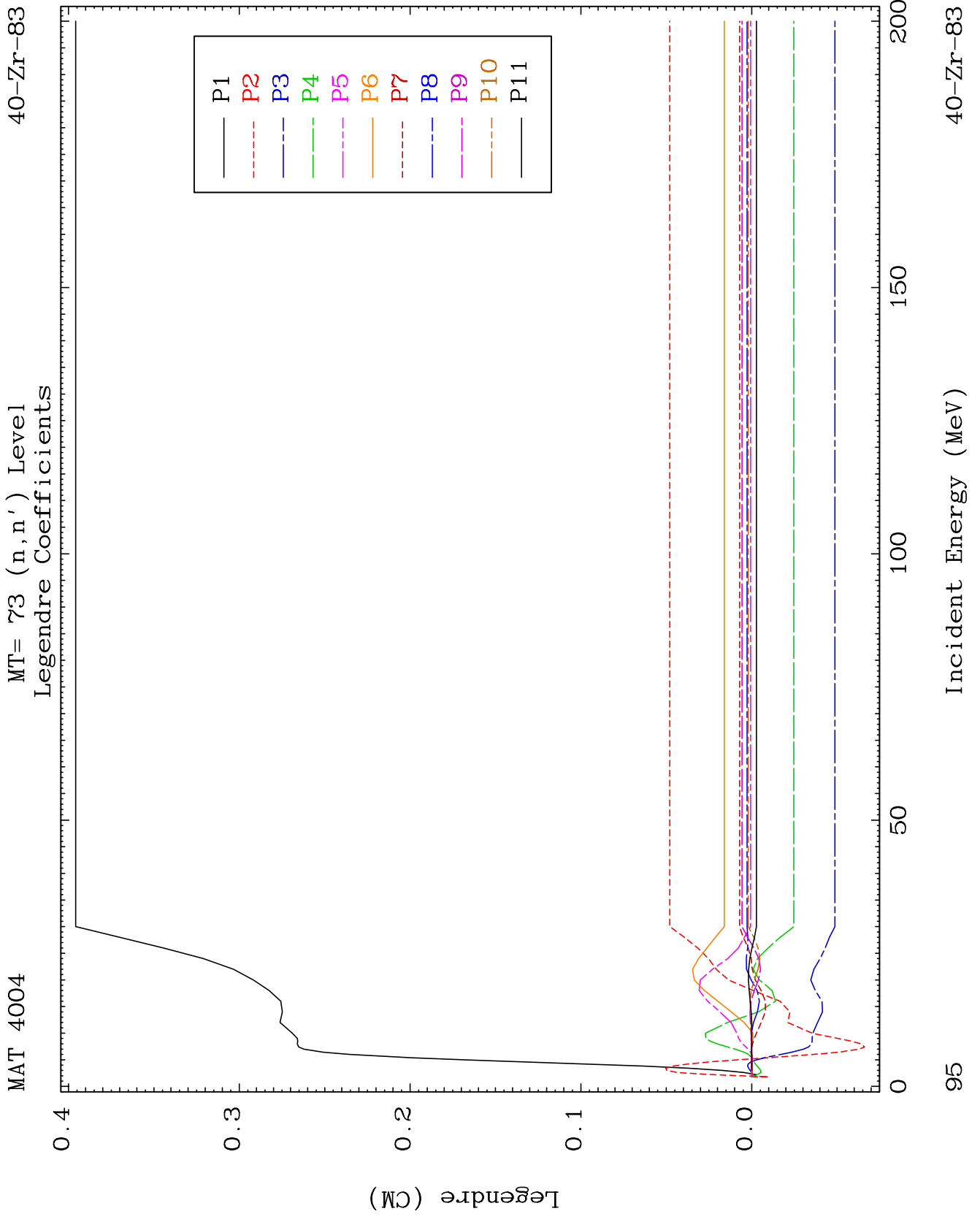
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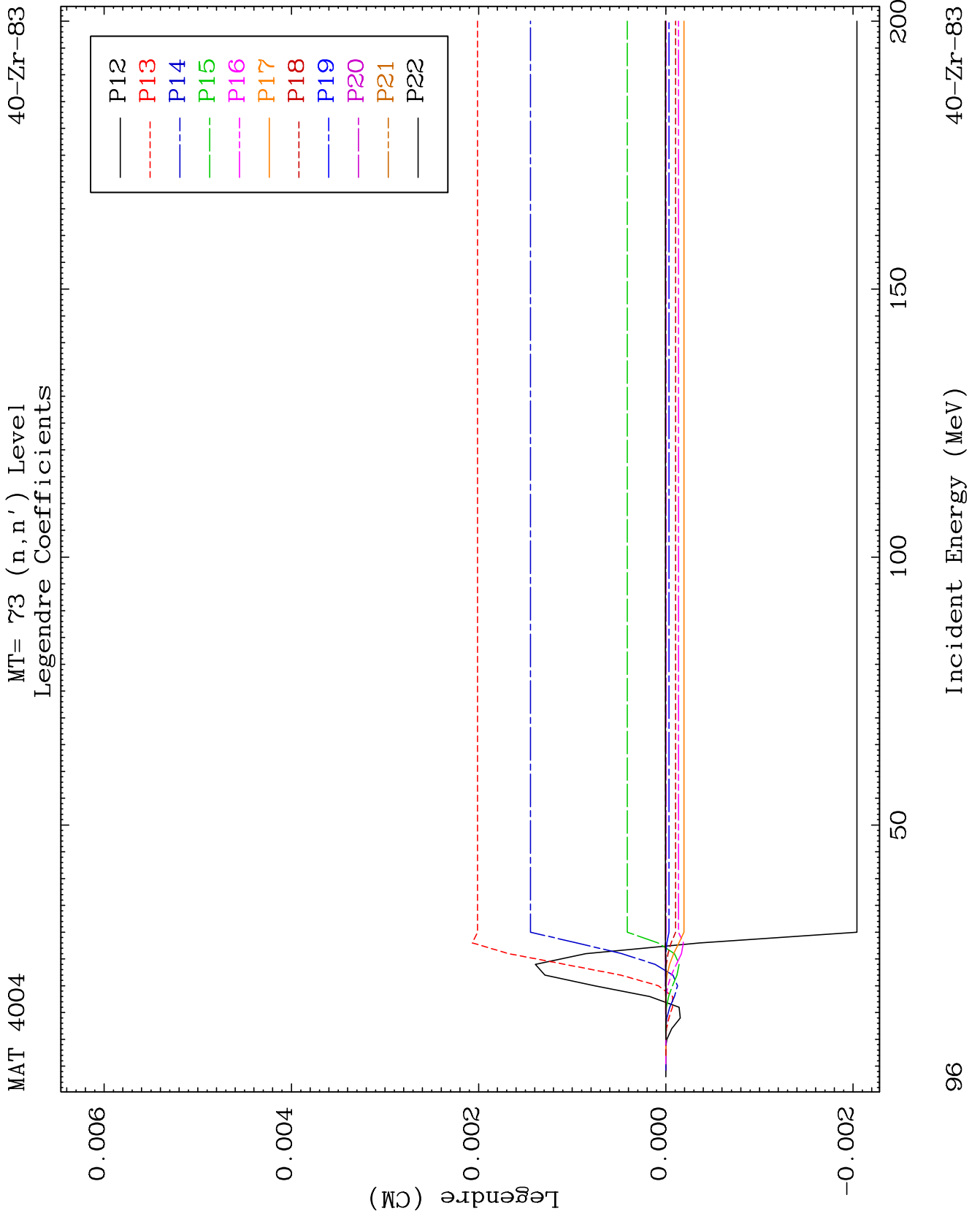
Incident Energy (MeV)

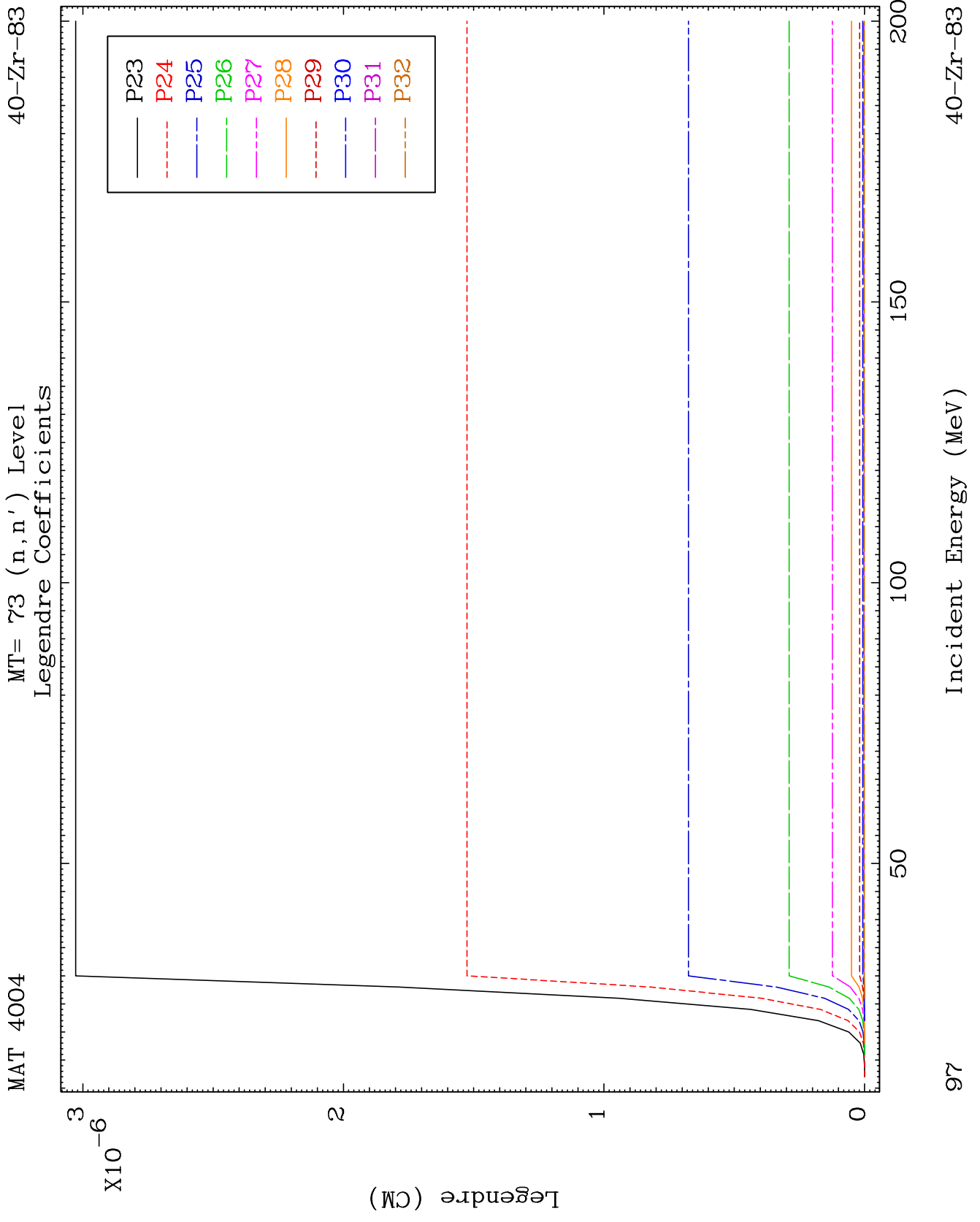
40-Zr-83









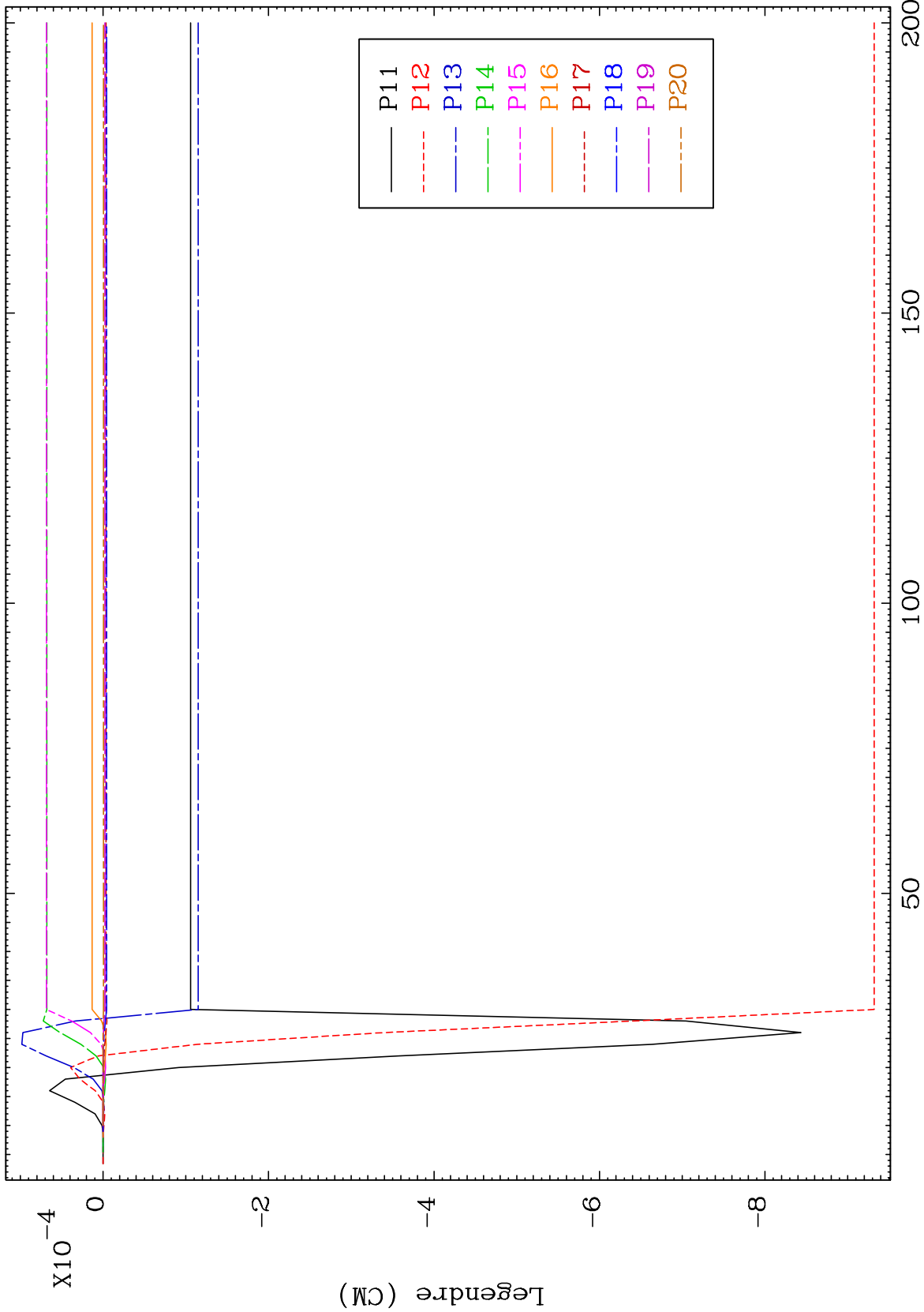


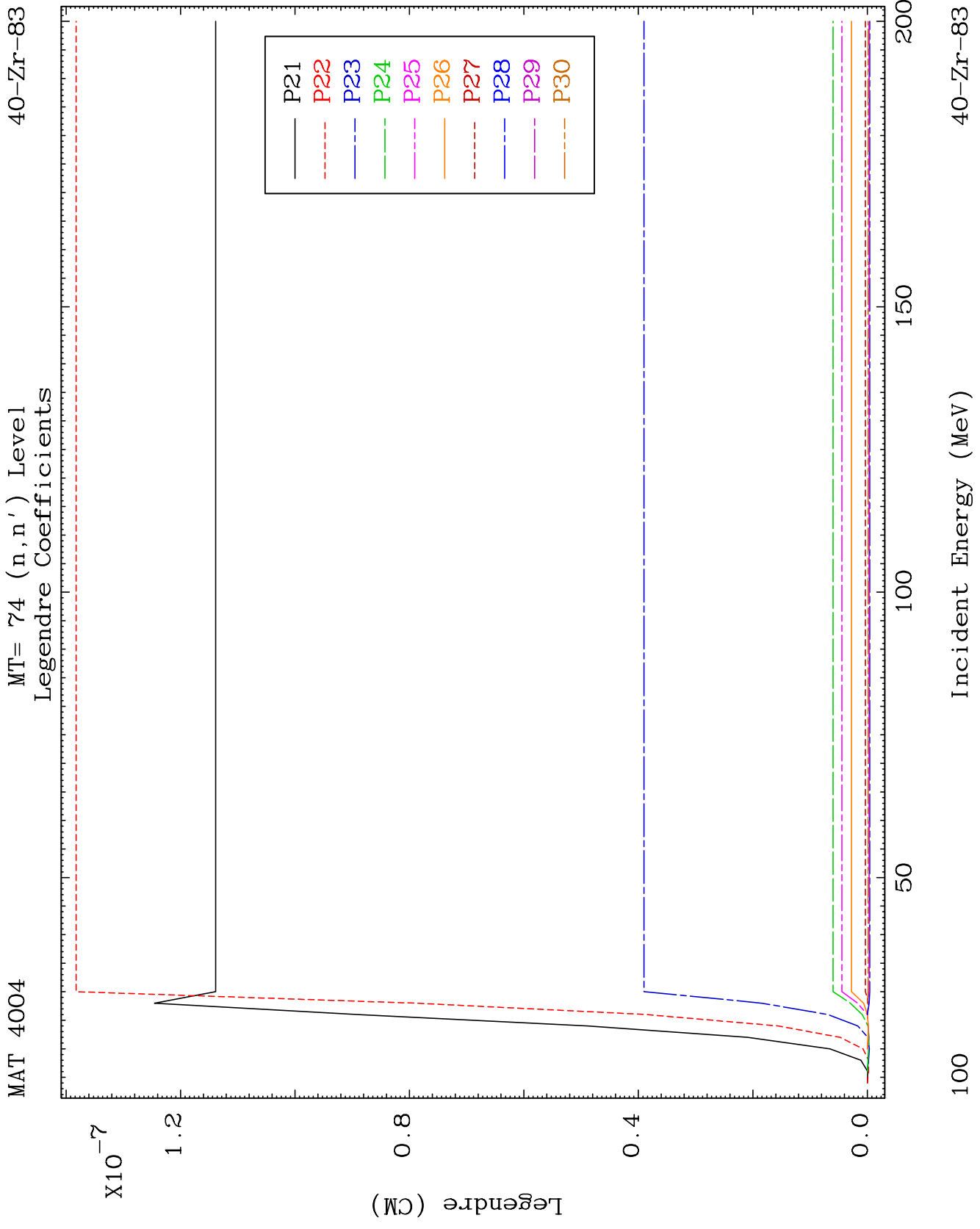
MAT 4004

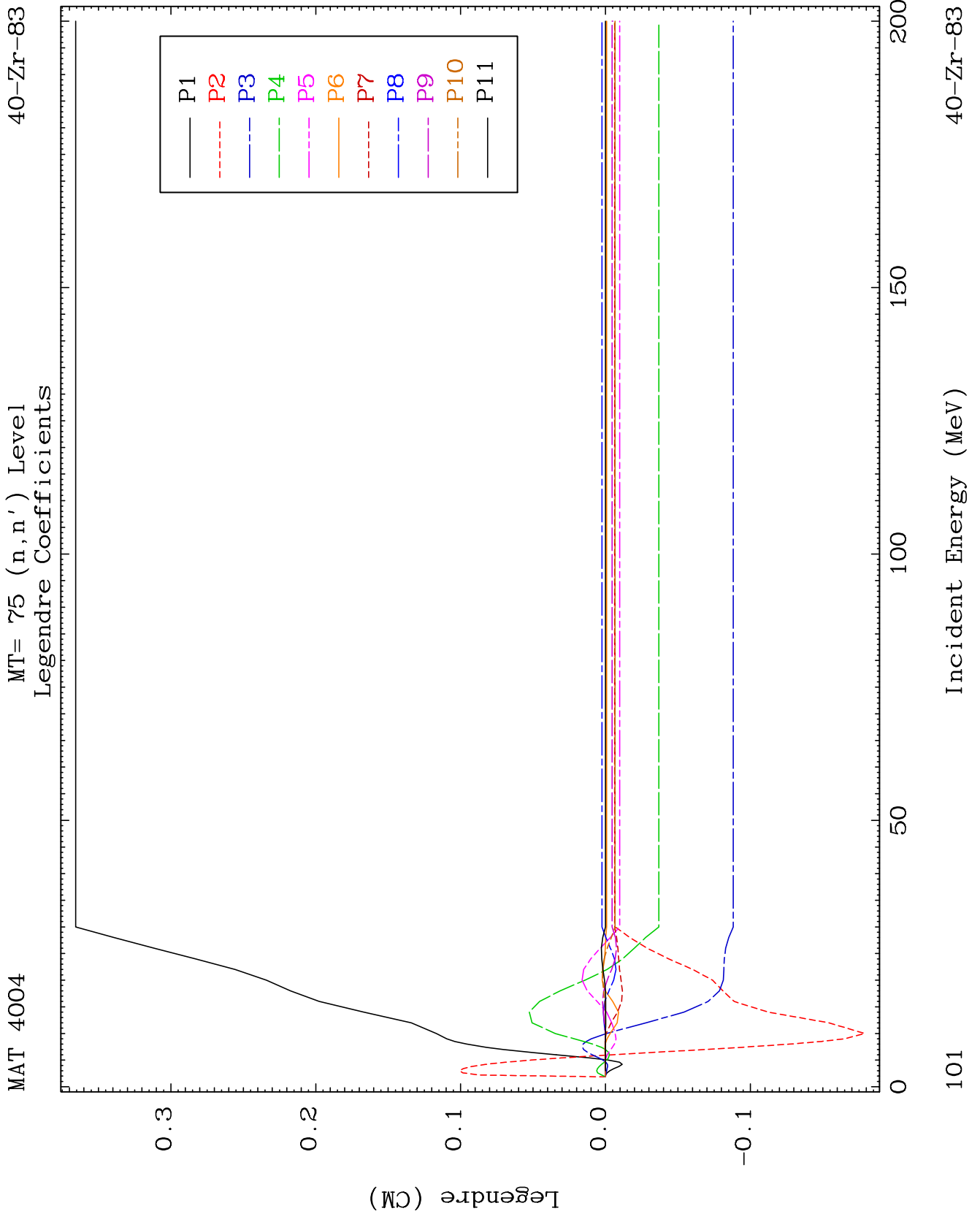
MT= 74 (n,n') Level

40-Zr-83

Legendre Coefficients



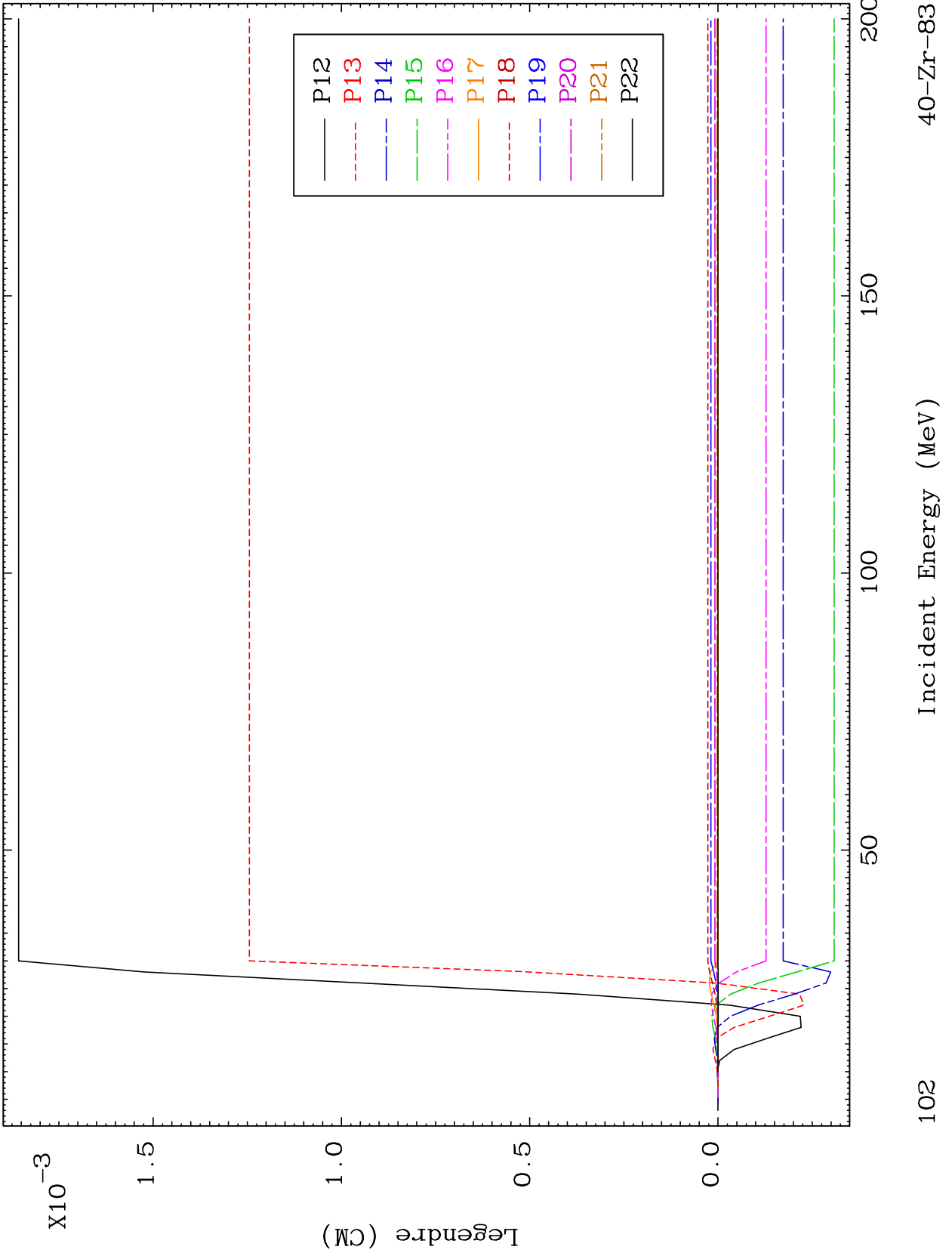




MAT 4004

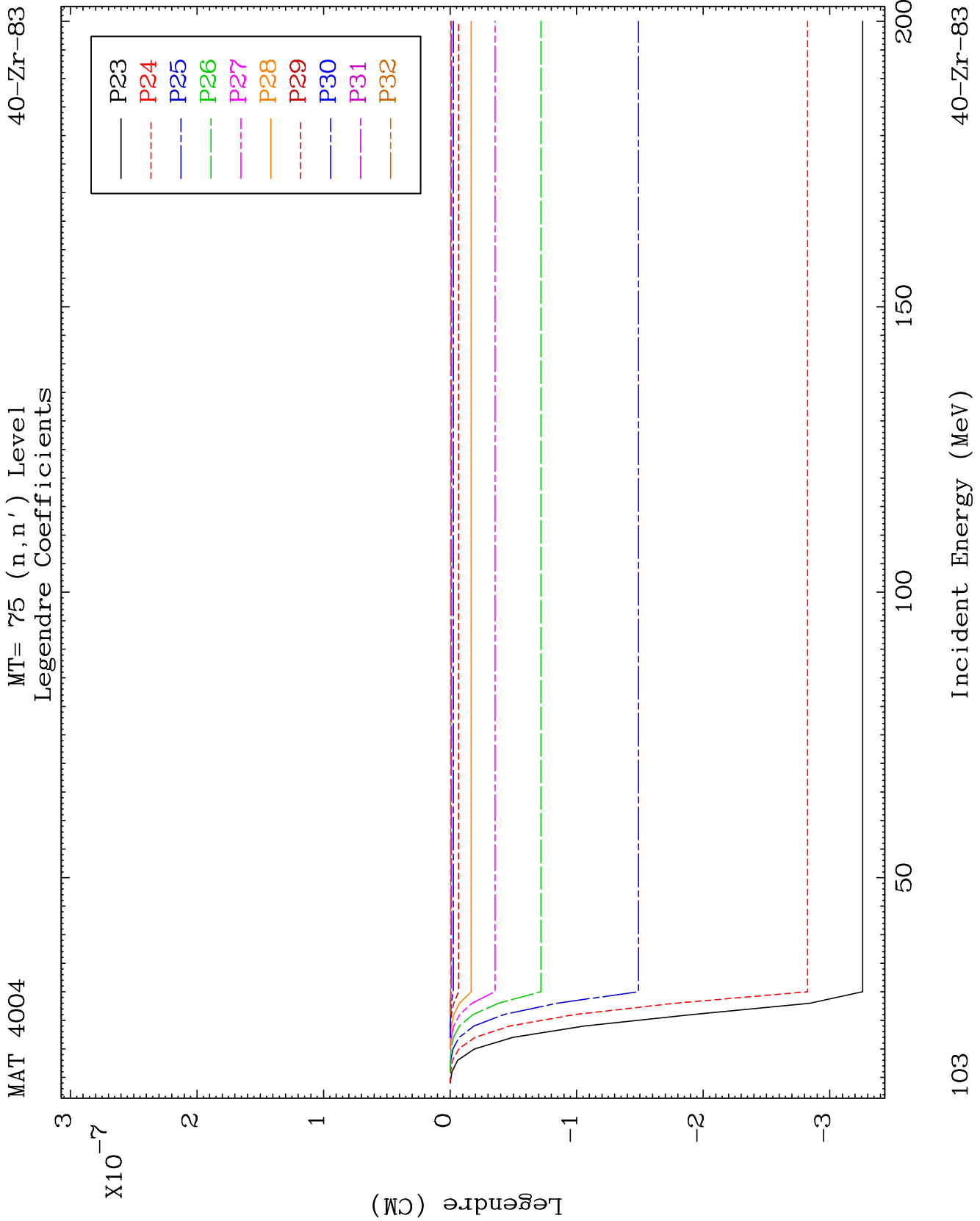
MT= 75 (n,n') Level
Legendre Coefficients

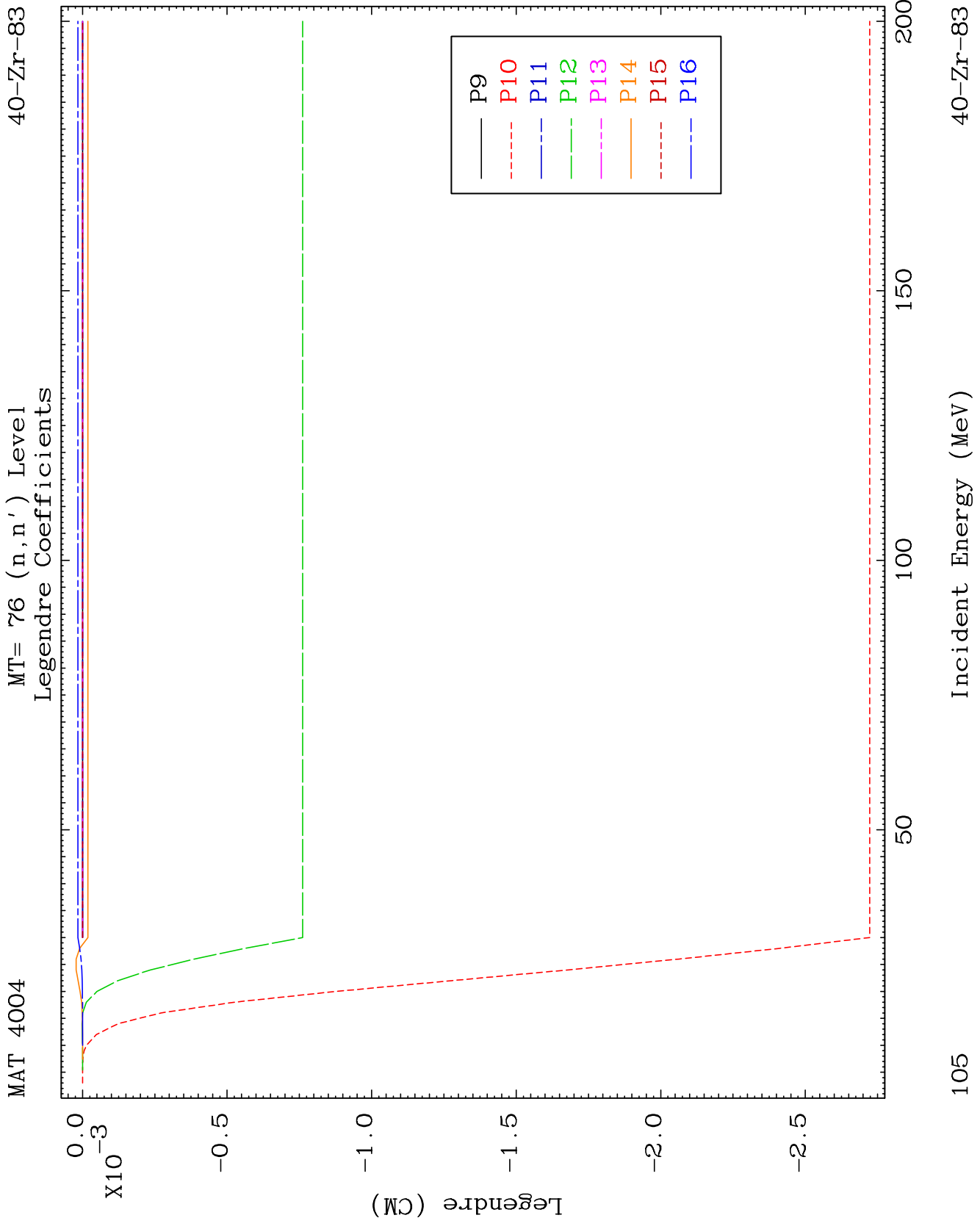
40-Zr-83

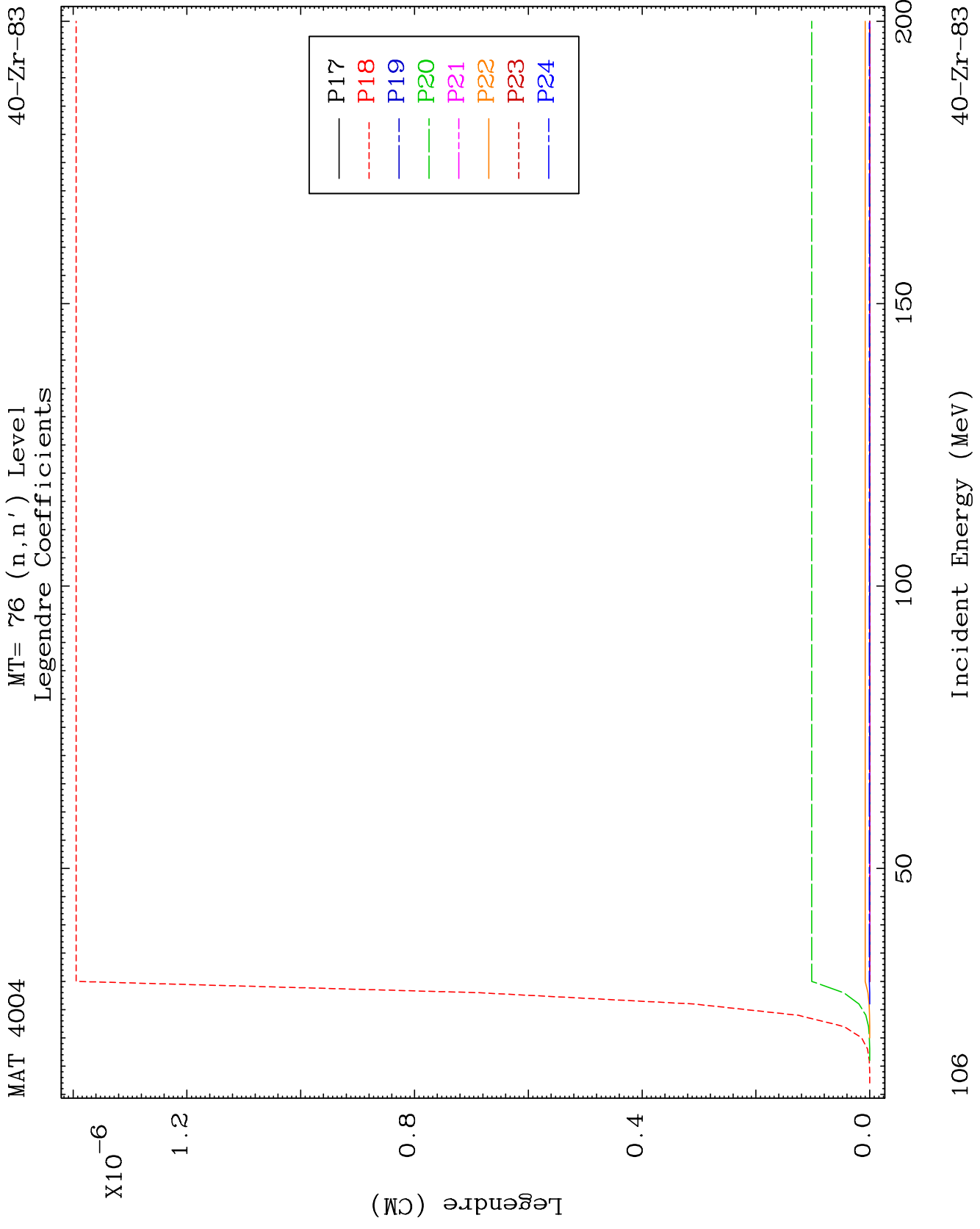


102

40-Zr-83



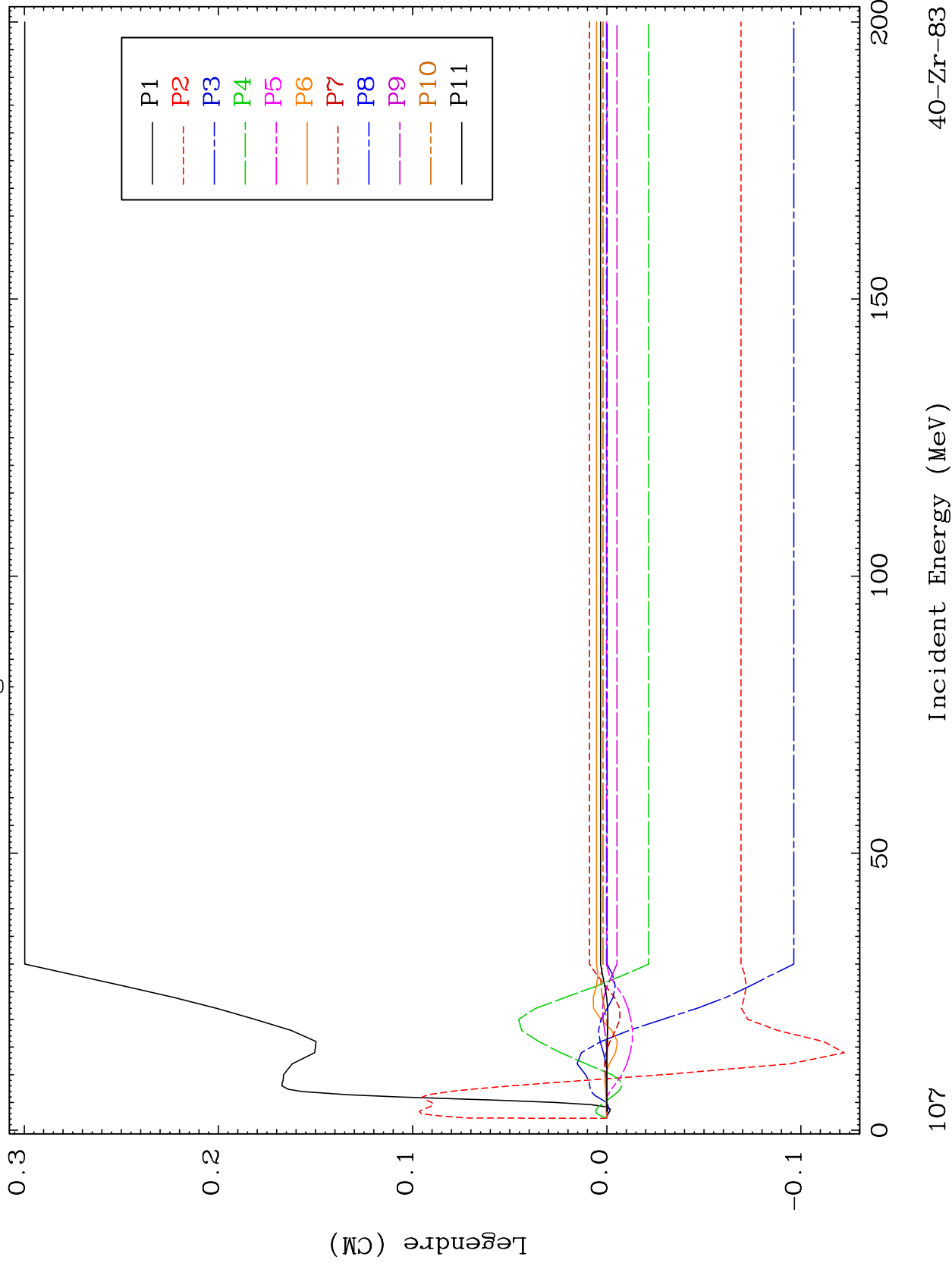




MAT 4004

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

40-Zr-83



40-Zr-83

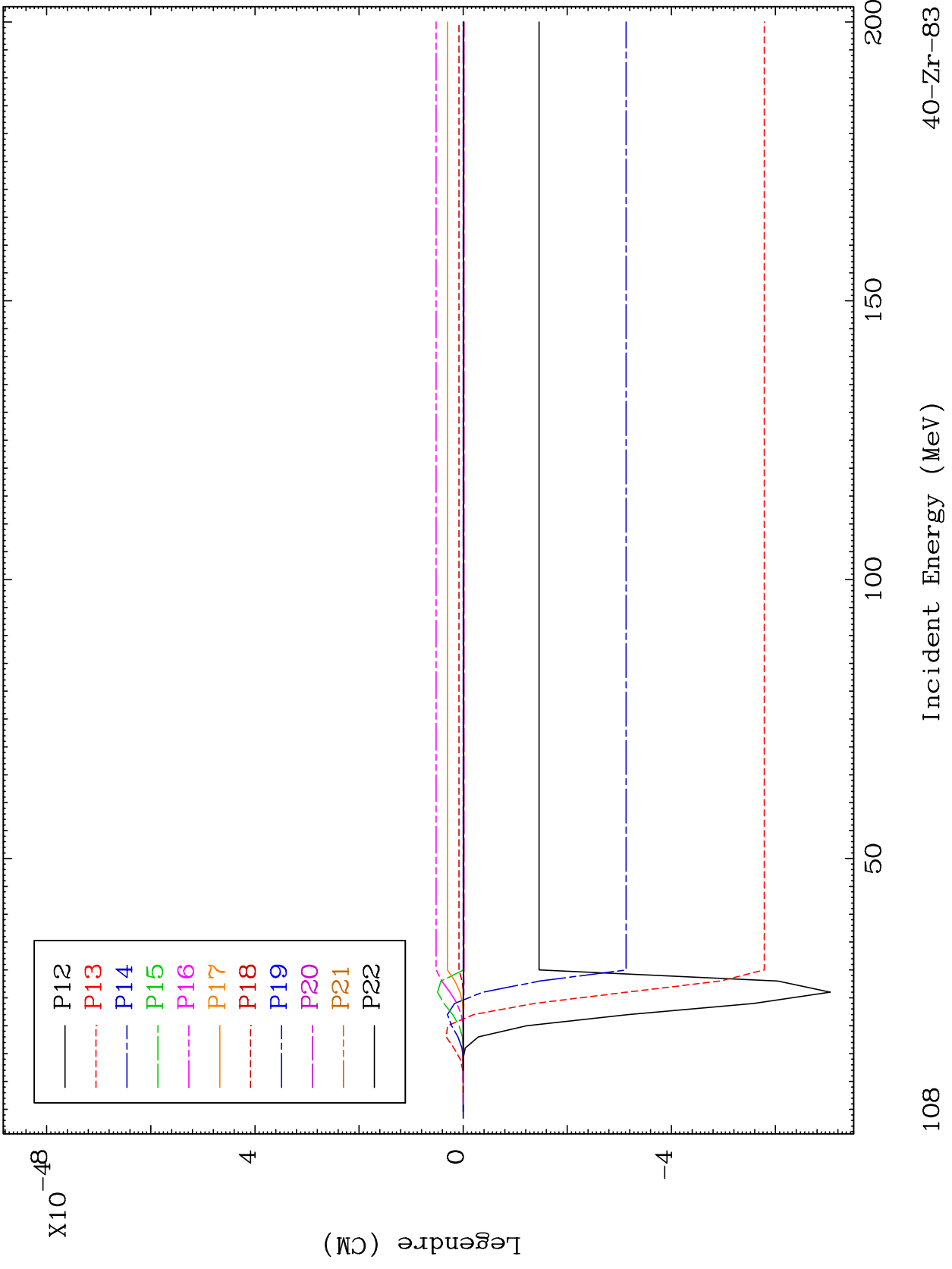
Incident Energy (MeV)

107

MAT 4004

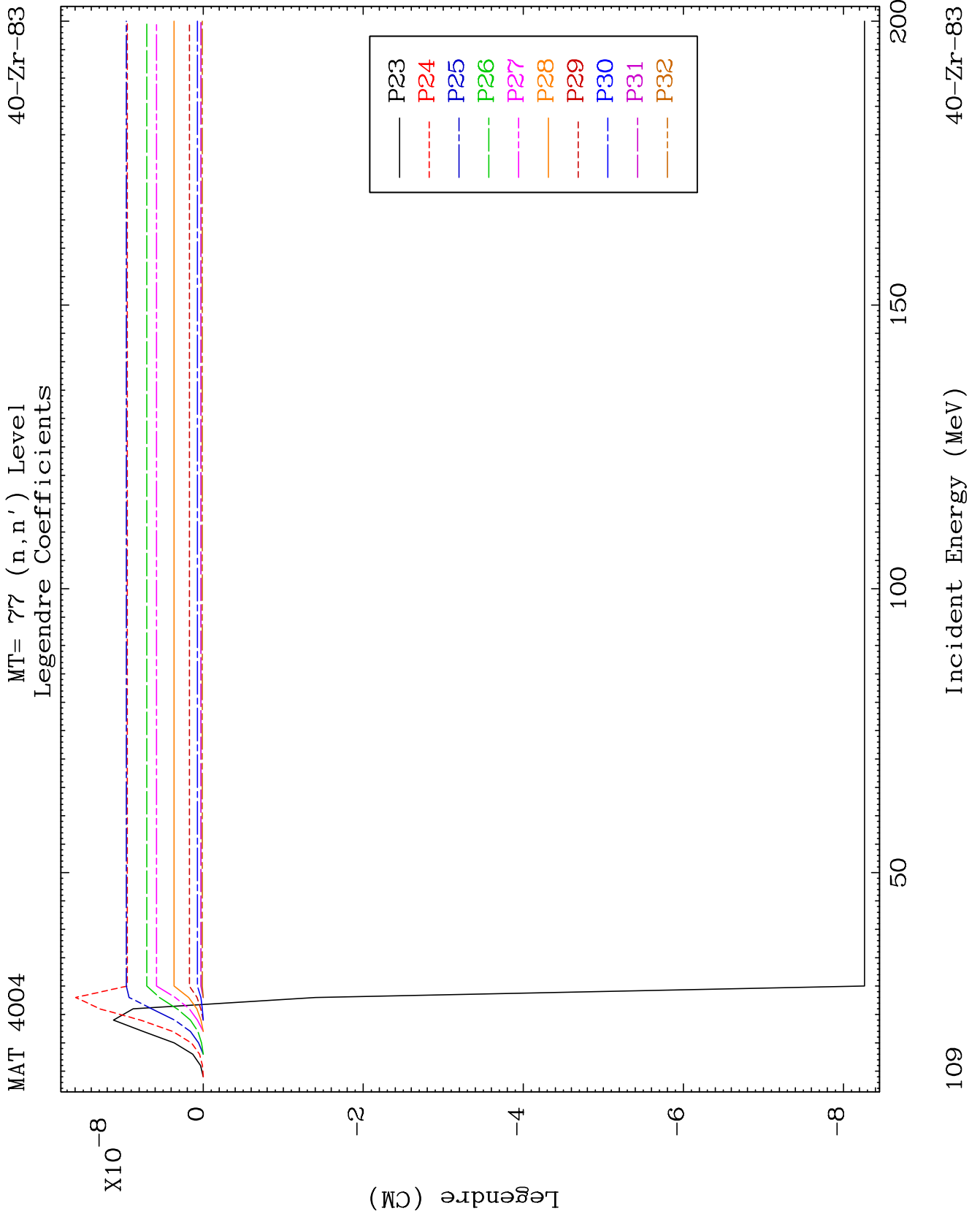
MT= 77 (n,n') Level
Legendre Coefficients

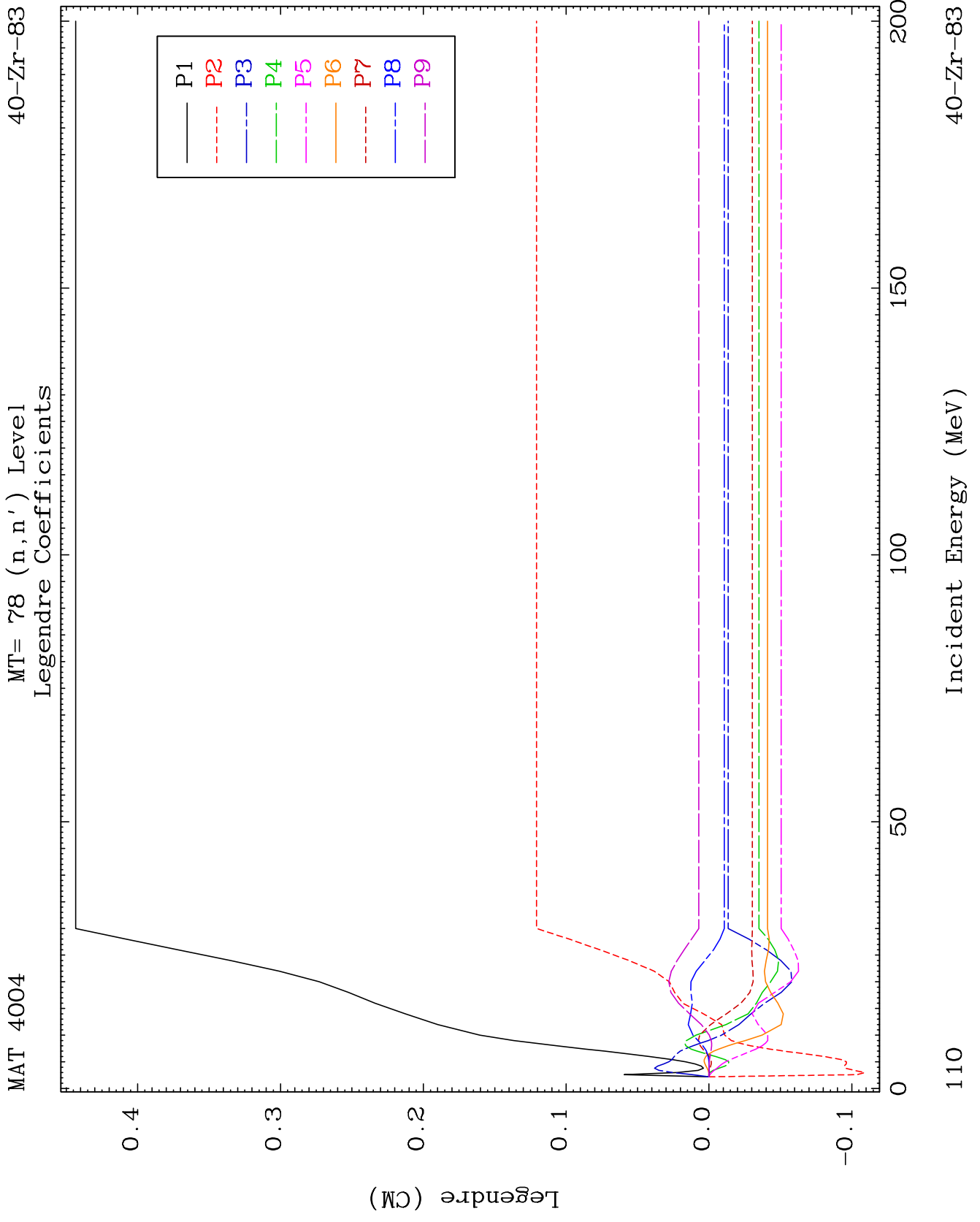
40-Zr-83

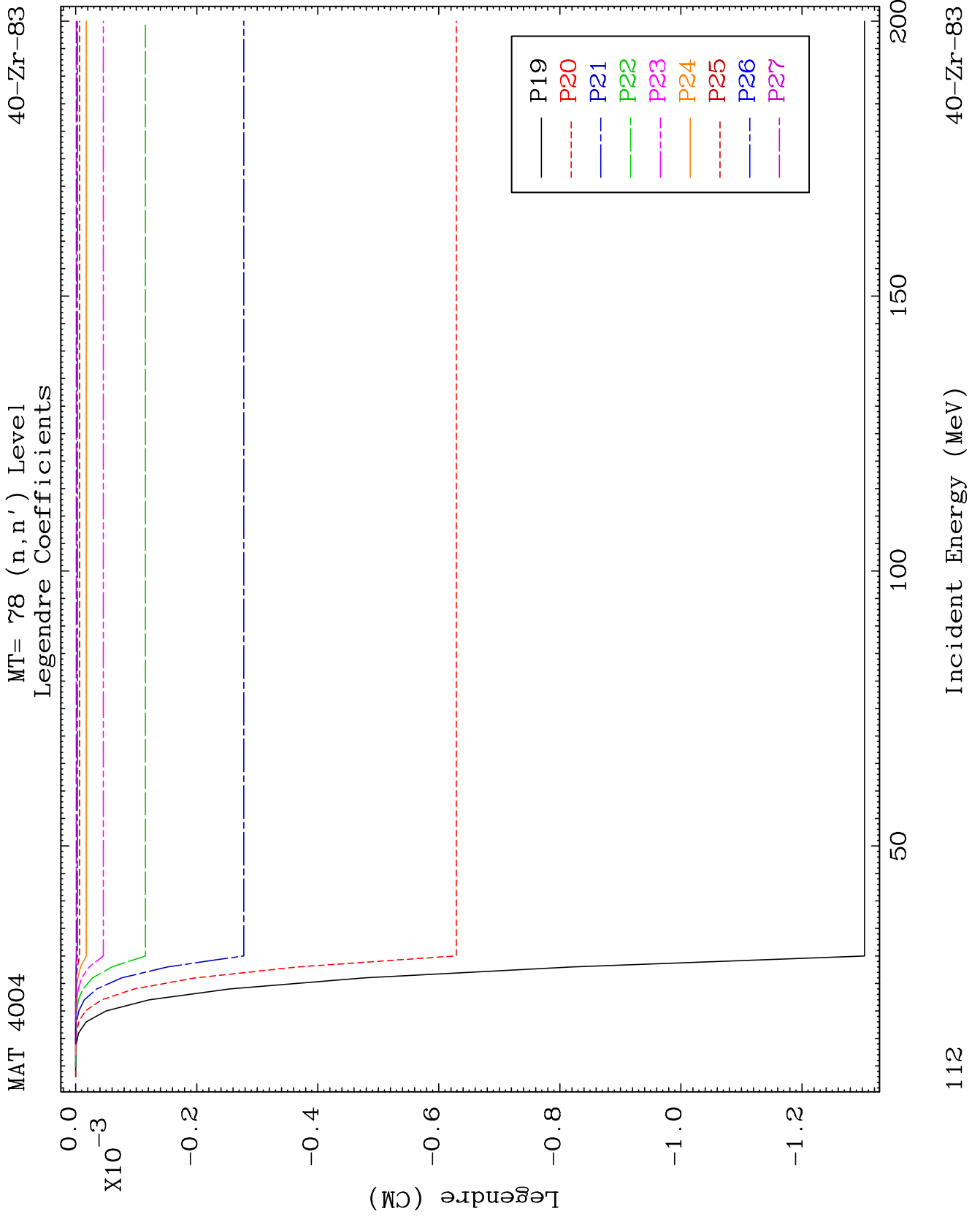


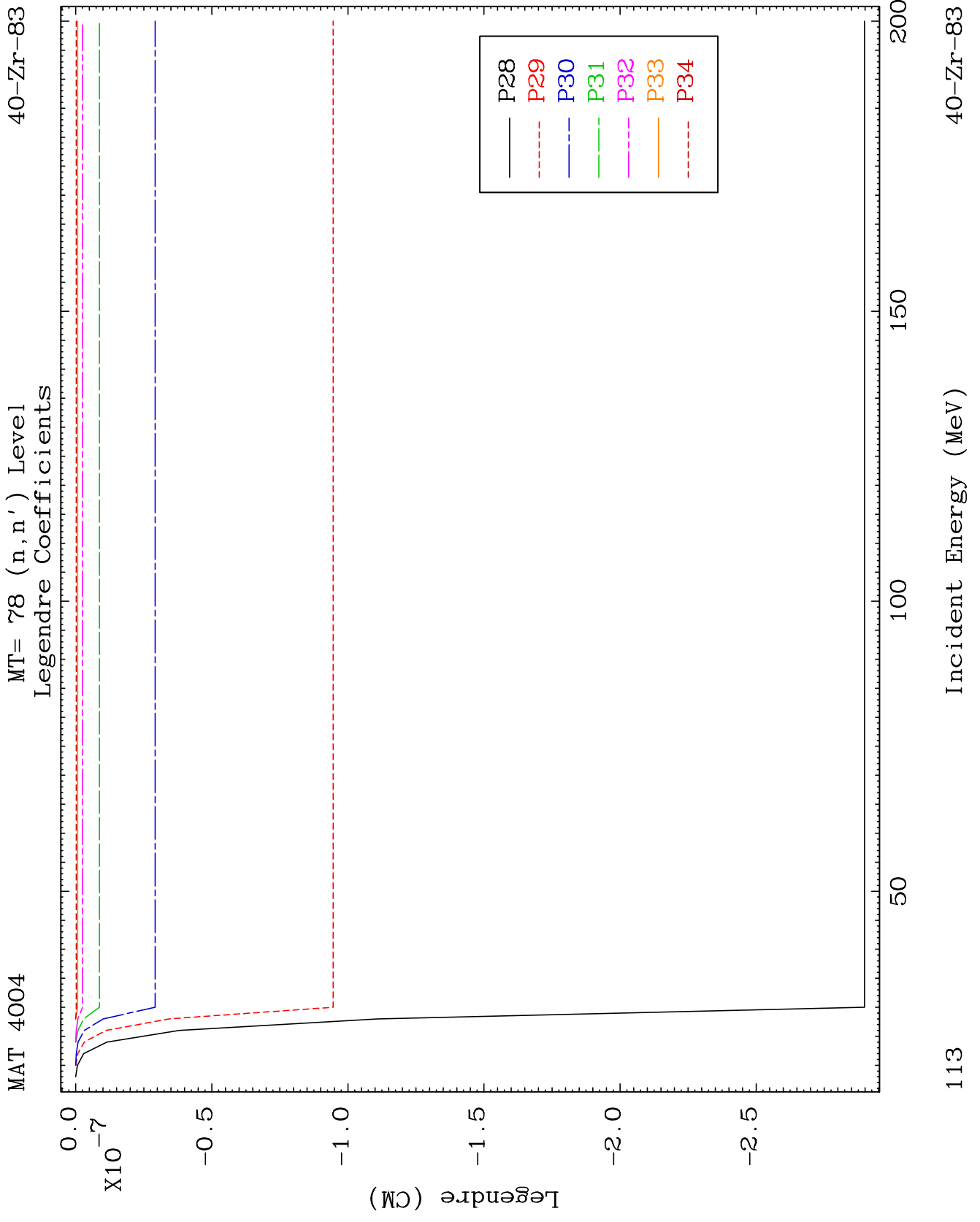
108

40-Zr-83







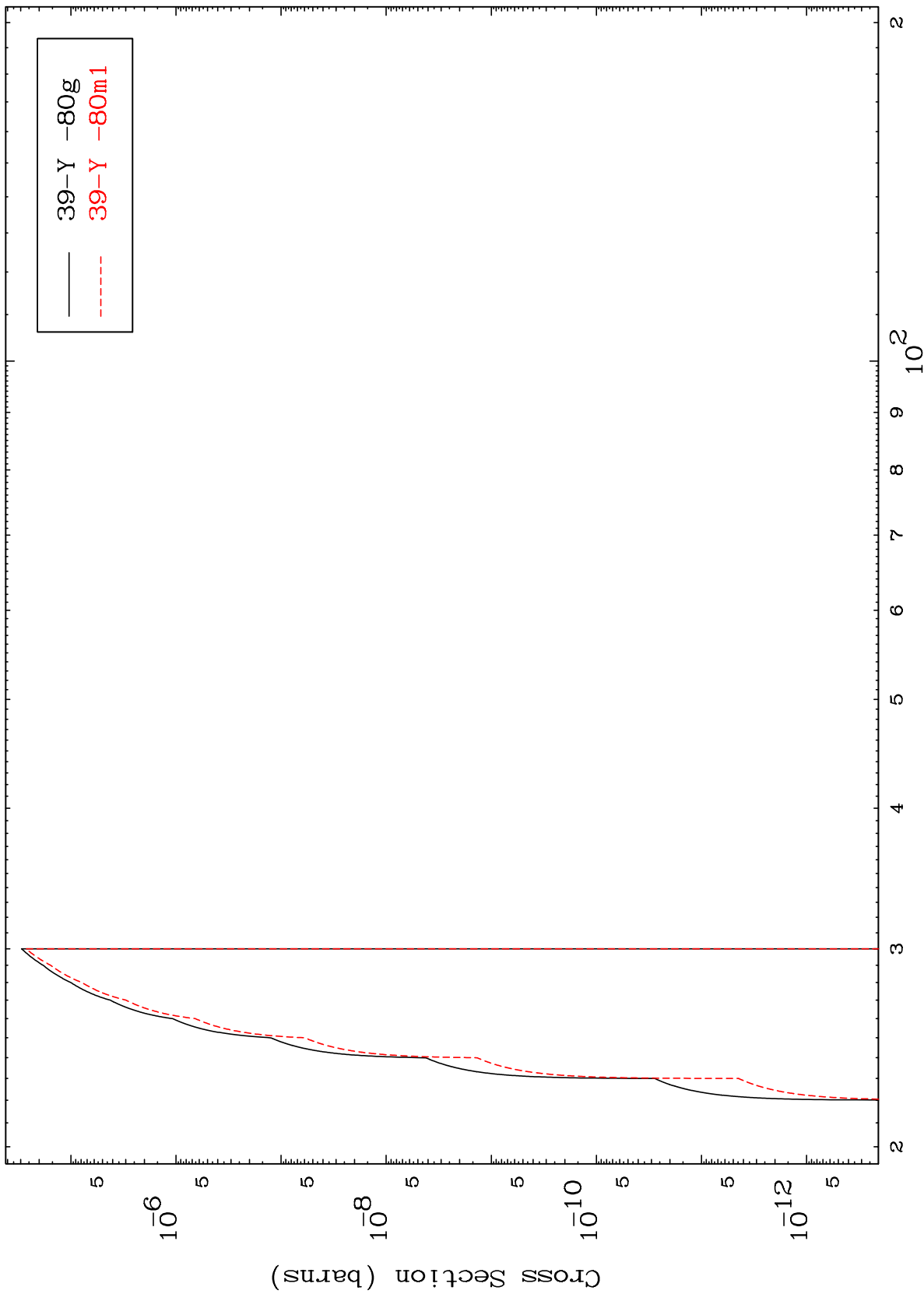


MAT 4004

(n,n') t

40-Zr-83

Radionuclide Production Cross Section



114

Incident Energy (MeV)

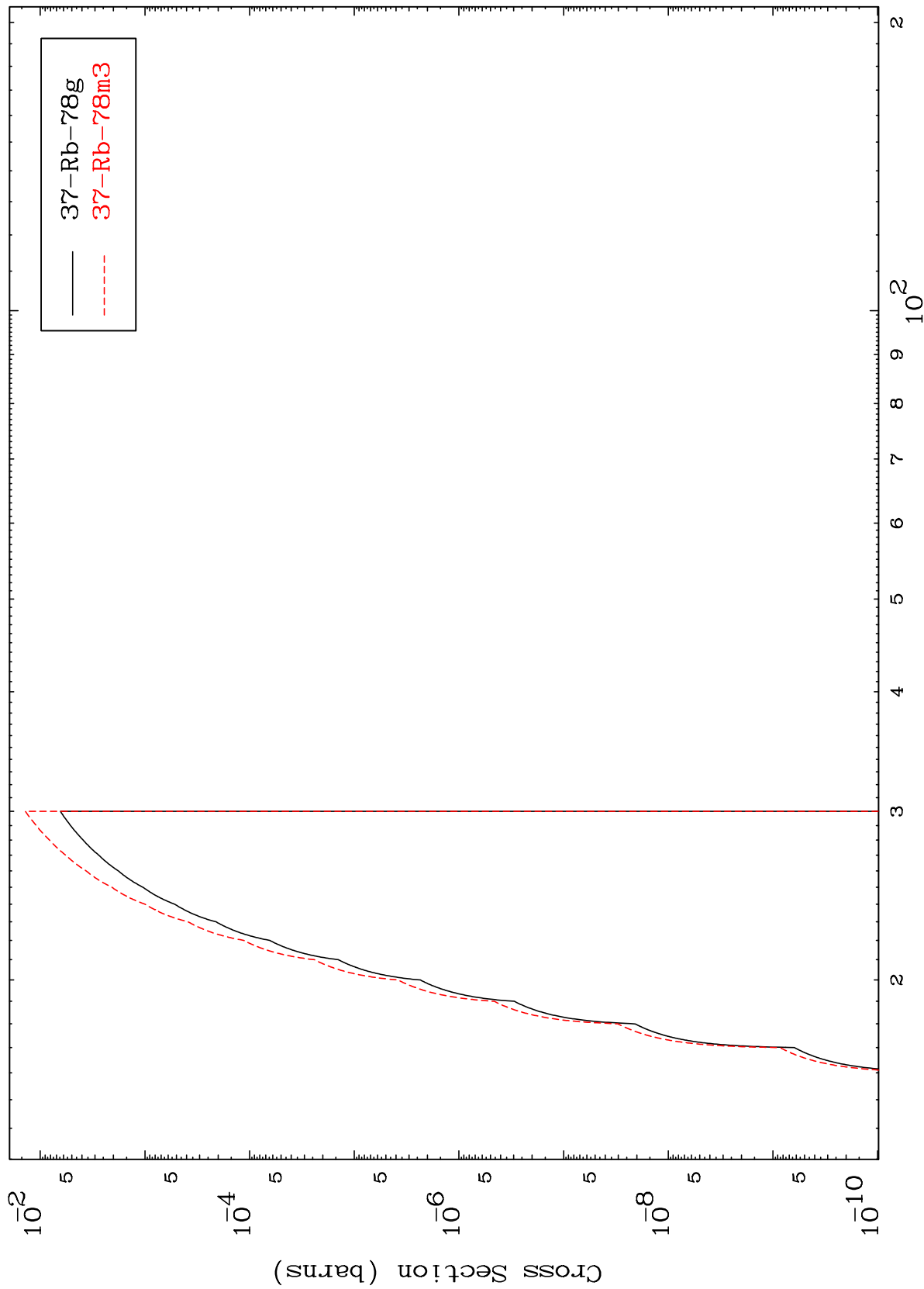
40-Zr-83

MAT 4004

(n,n') p α

40-Zr-83

Radionuclide Production Cross Section



115

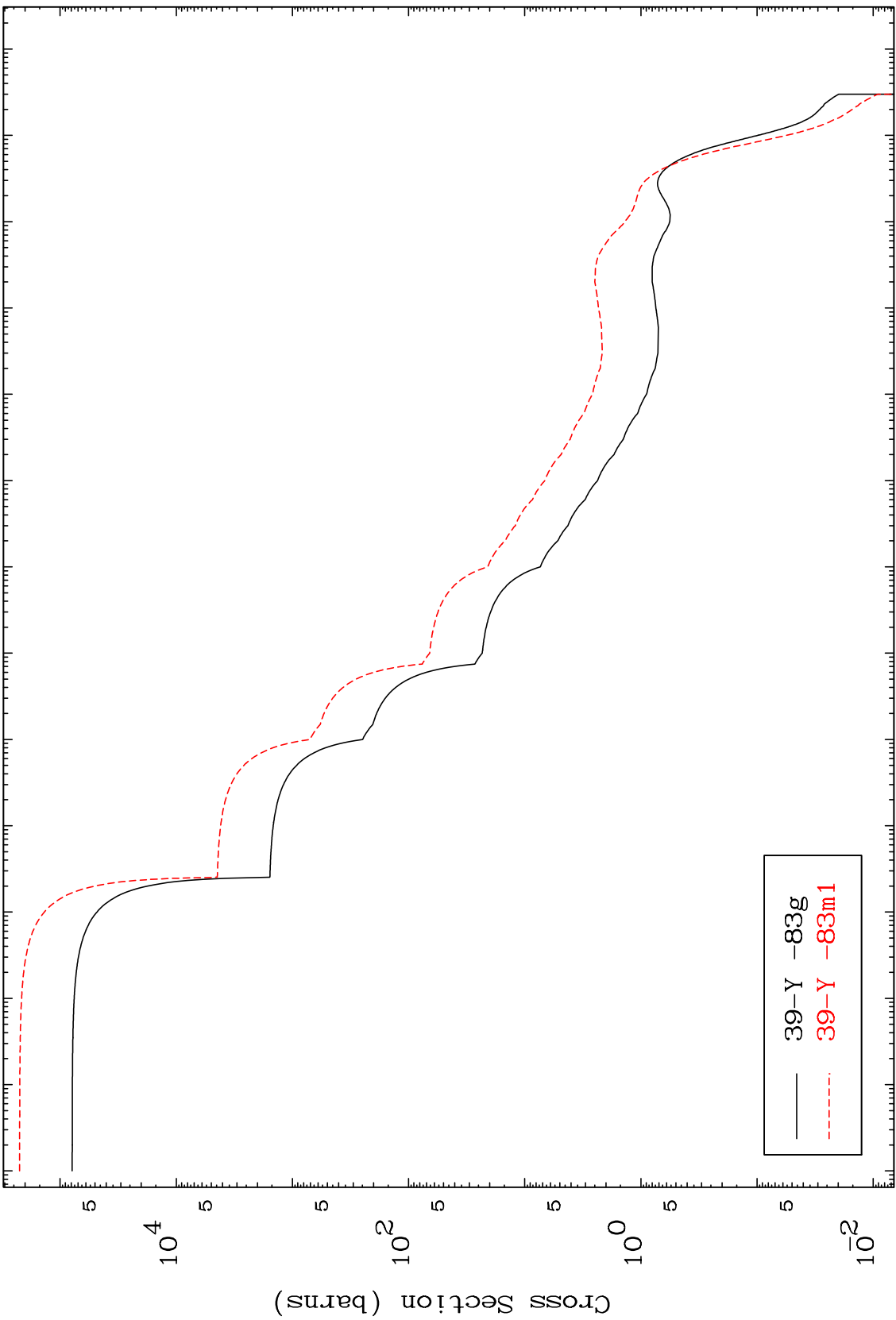
Incident Energy (MeV)

40-Zr-83

MAT 4004

40-Zr-83

(n,p)
Radionuclide Production Cross Section



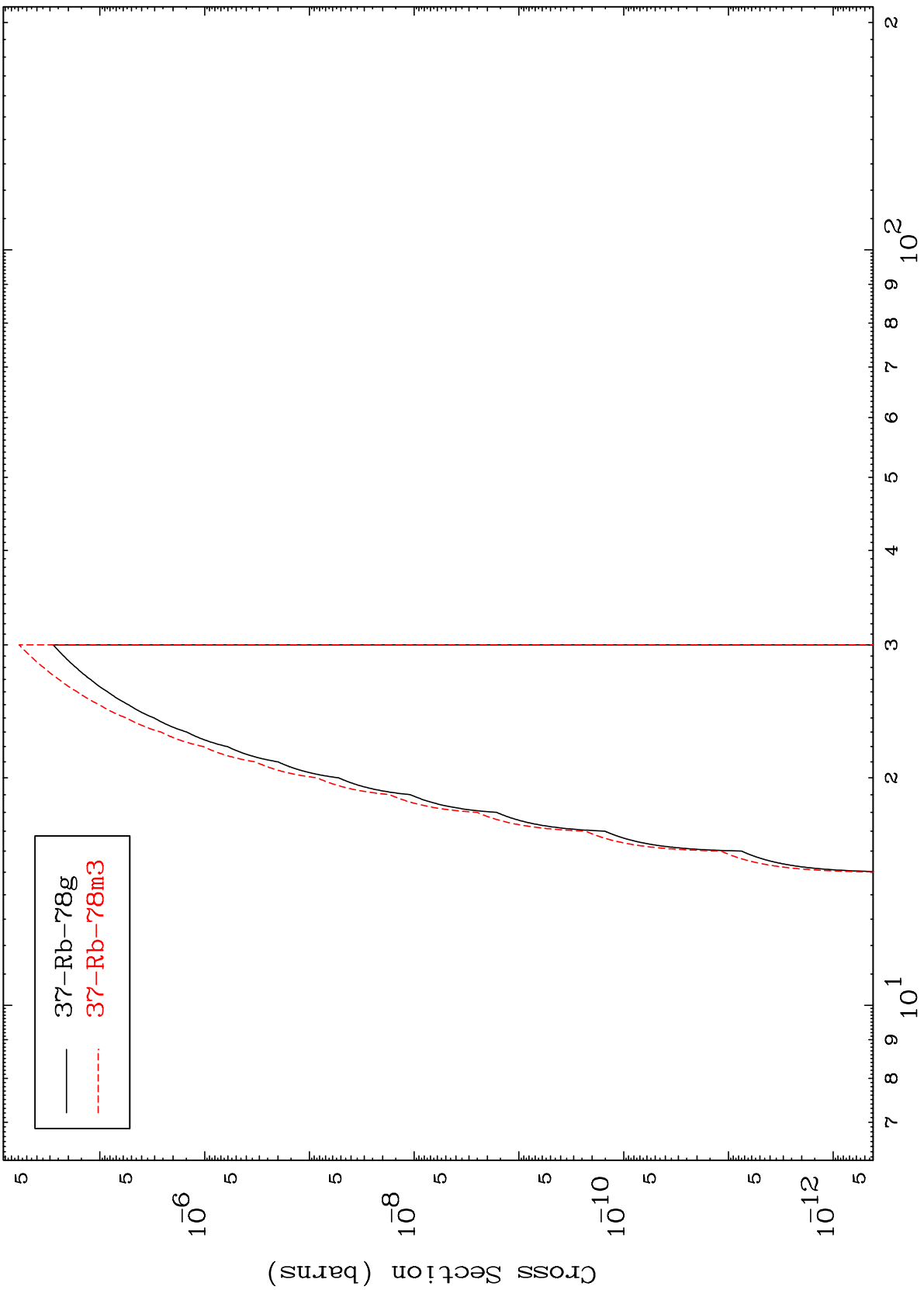
— 39-Y -83g
- - - 39-Y -83m1

MAT 4004

(n,d) α

40-Zr-83

Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

117

Incident Energy (MeV)

40-Zr-83