

Program EVALPLOT
(Version 2018-1)

by

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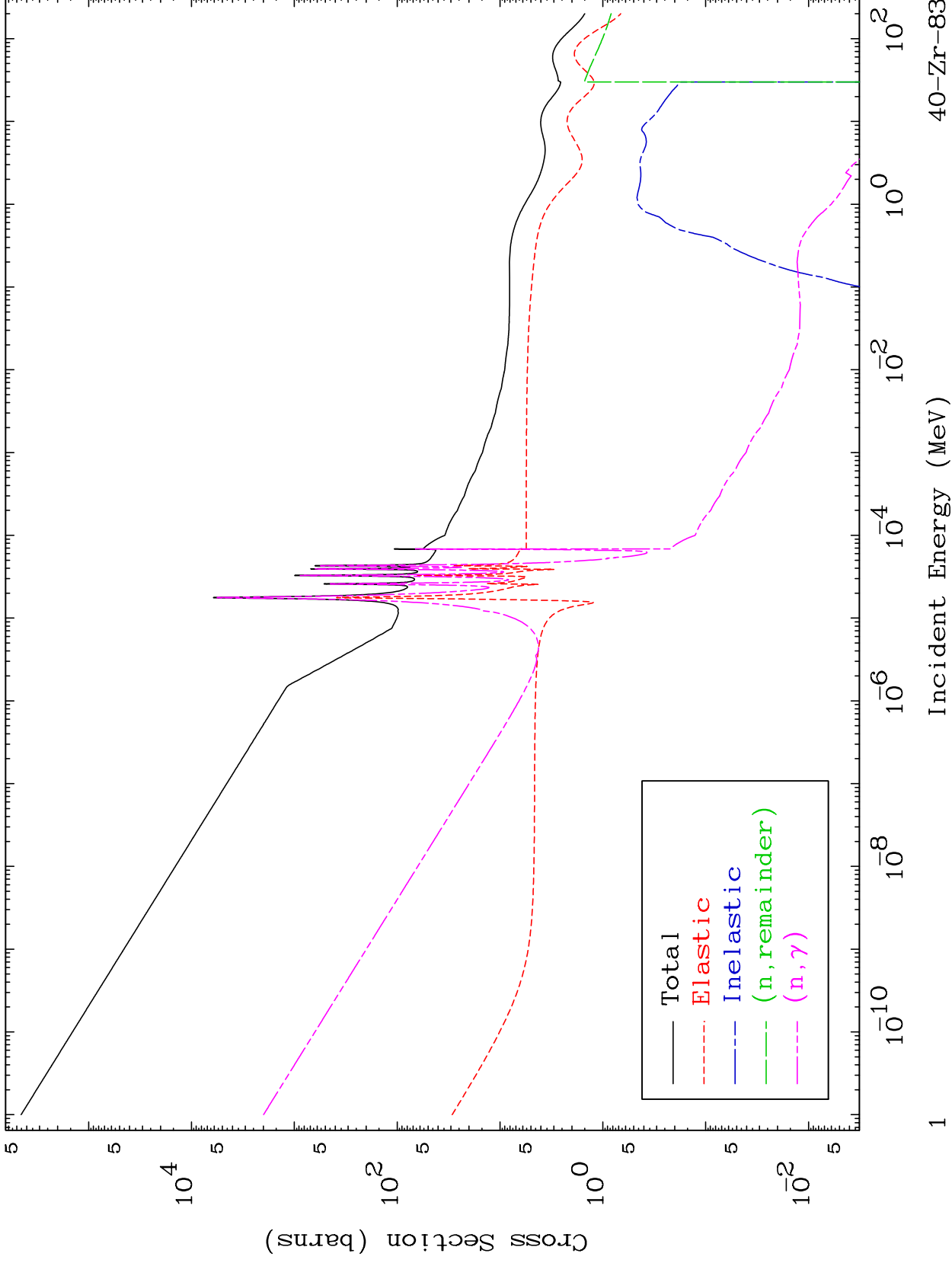
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4004

Major
293 Kelvin Cross Sections

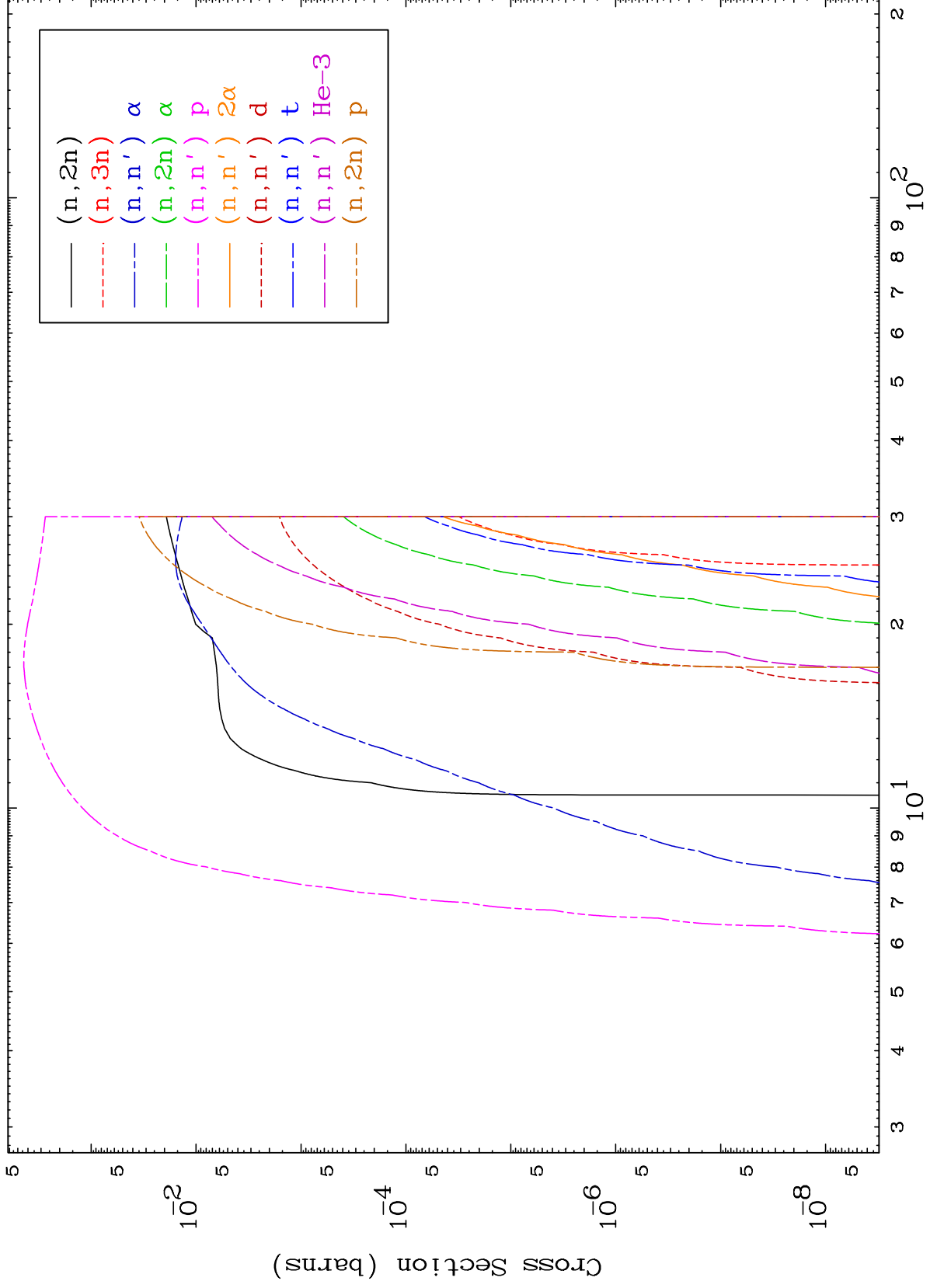
40-Zr-83



MAT 4004

Neutron Production
293 Kelvin Cross Sections

40-Zr-83



2

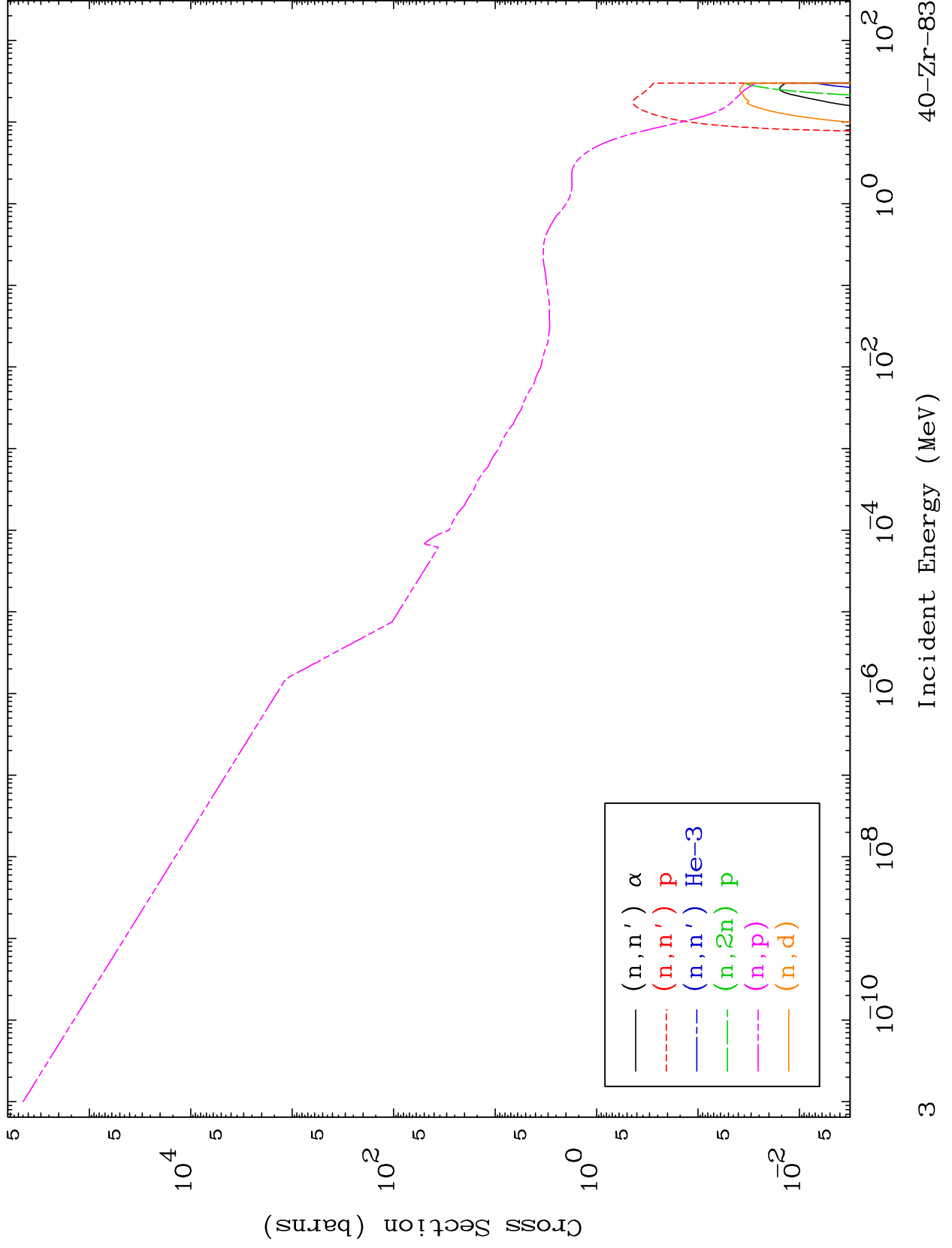
Incident Energy (MeV)

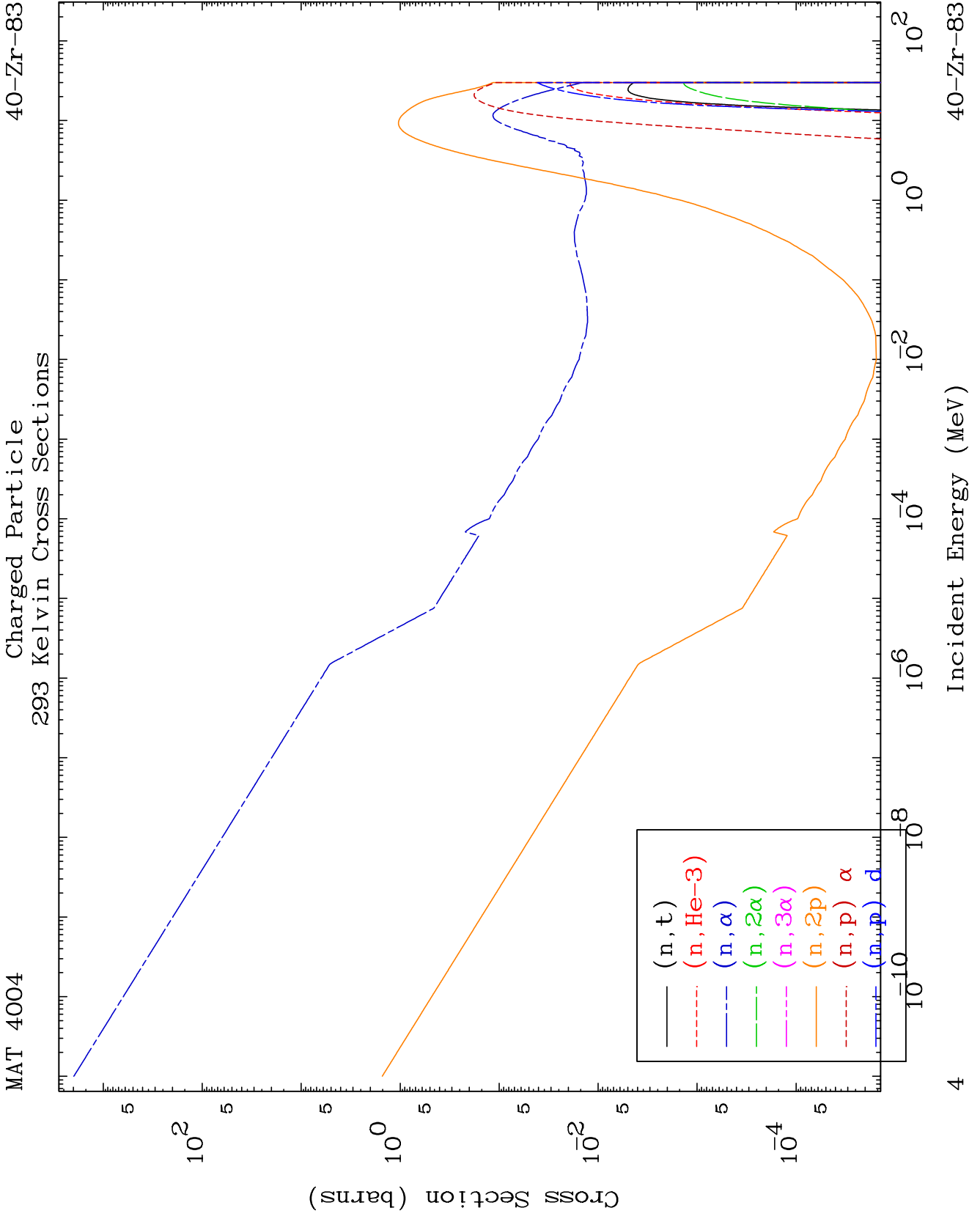
40-Zr-83

MAT 4004

Charged Particle
293 Kelvin Cross Sections

40-Zr-83

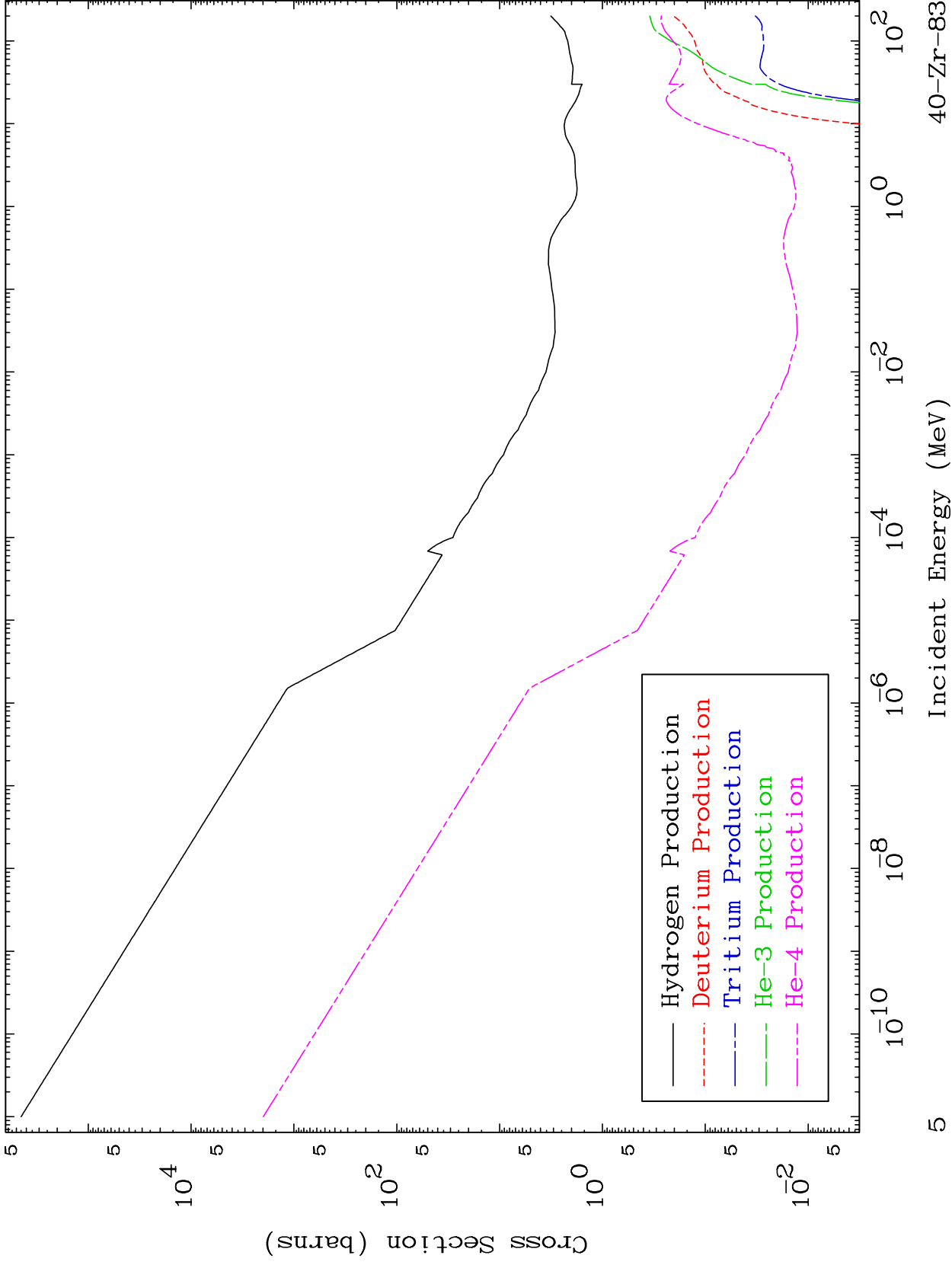




MAT 4004

Particle Production
293 Kelvin Cross Sections

40-Zr-83

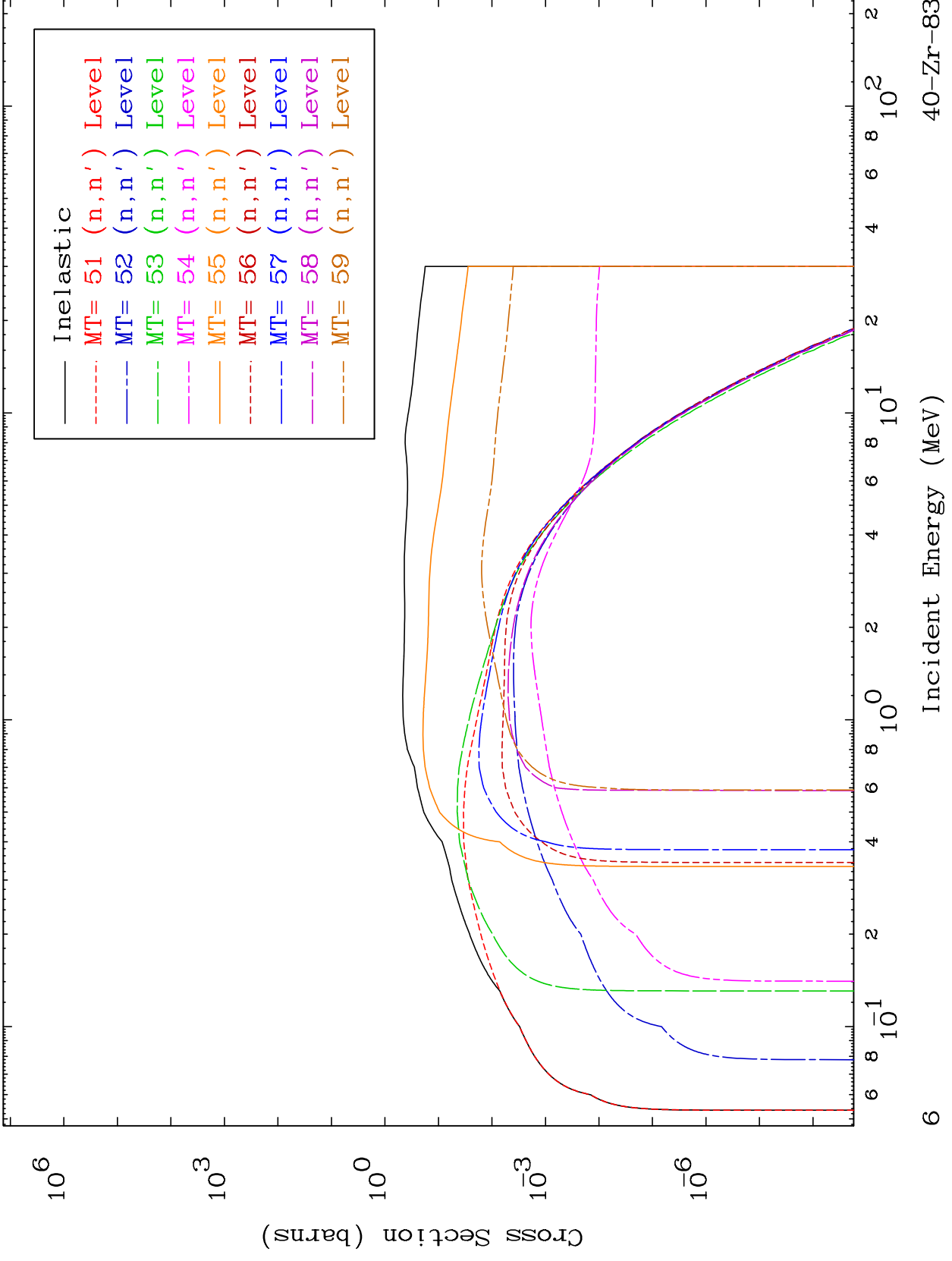


MAT 4004

(n,n') Level

40-Zr-83

293 Kelvin Cross Sections

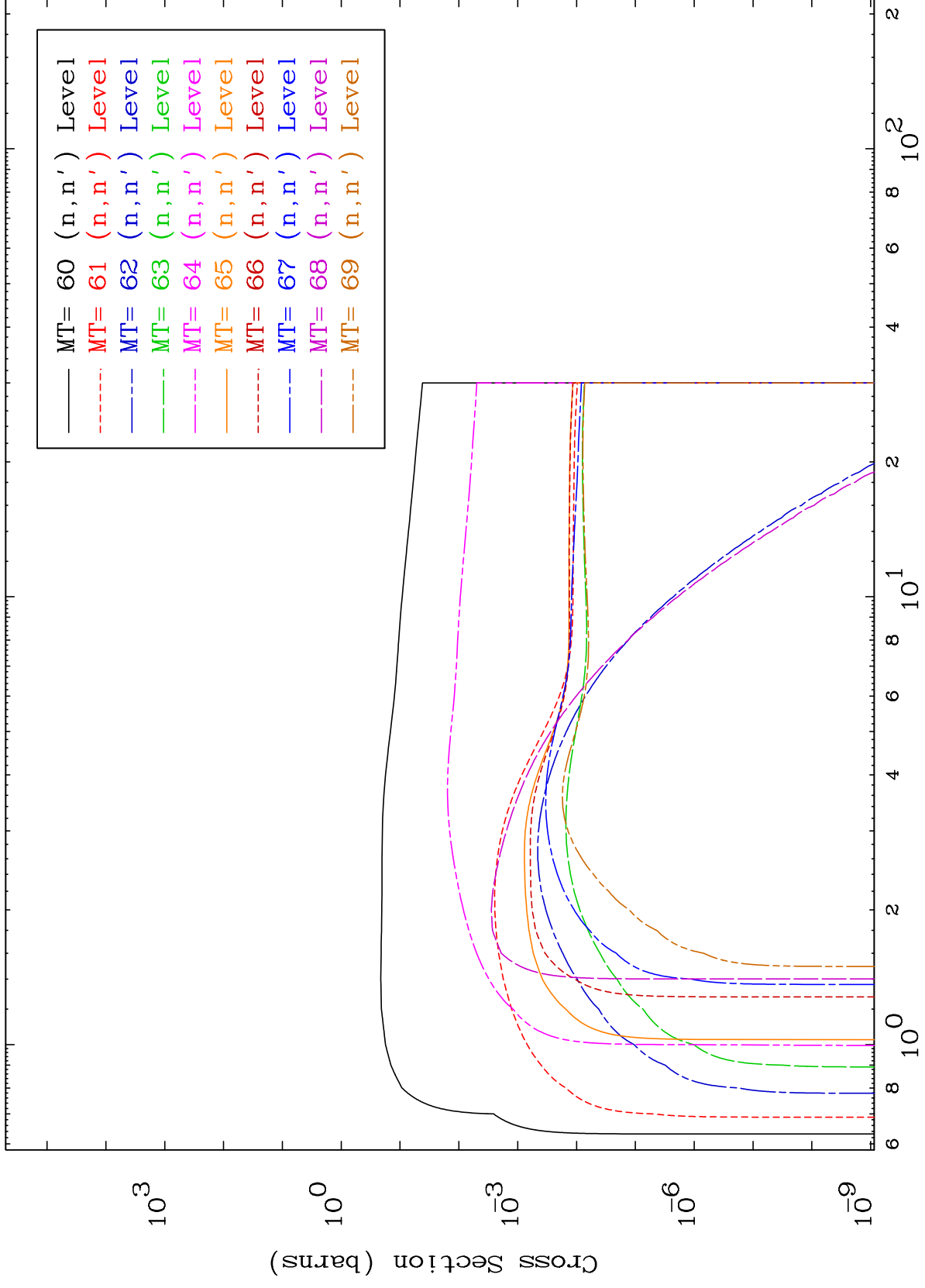


MAT 4004

(n,n') Level

40-Zr-83

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-83

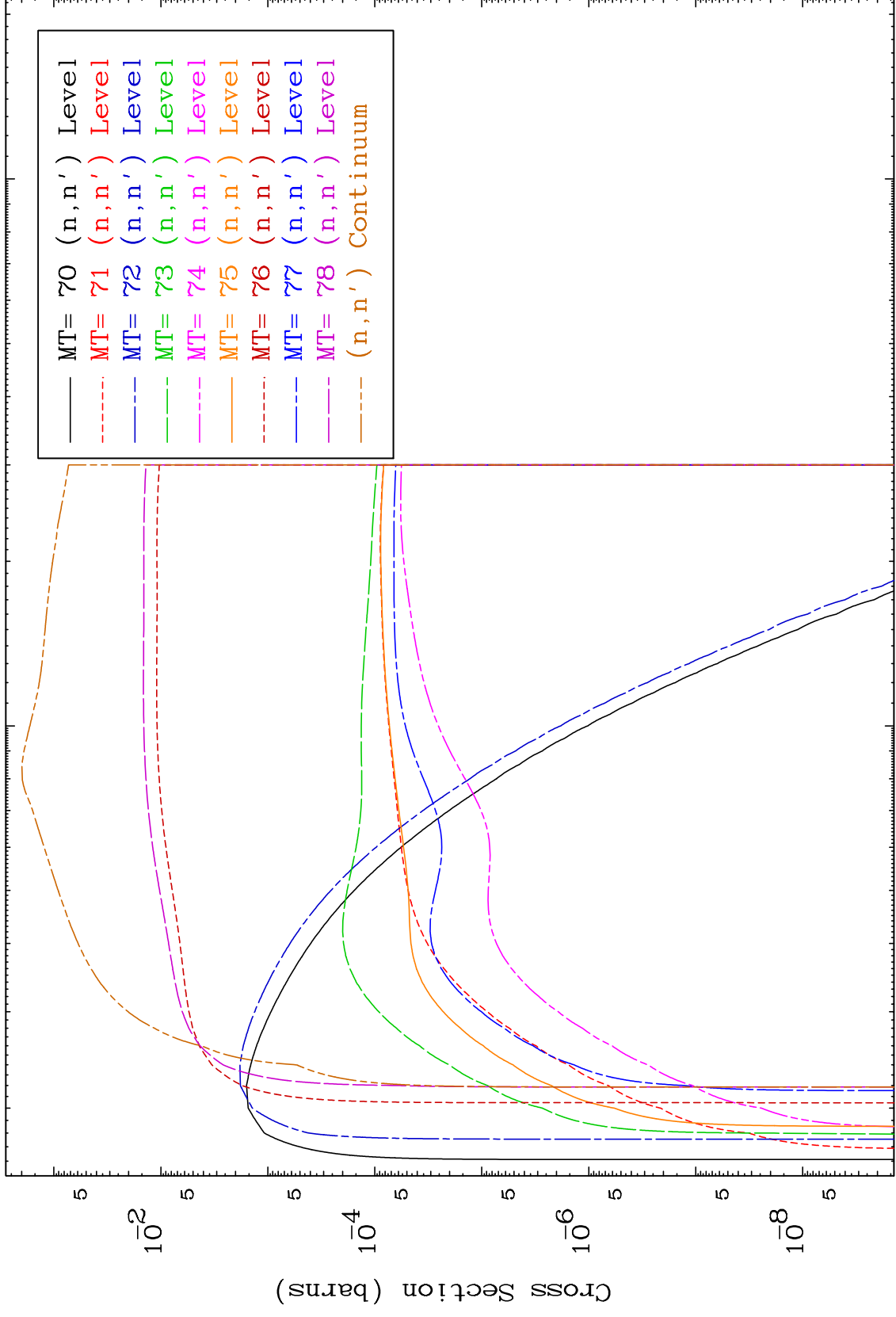
7

MAT 4004

(n,n') Level

40-Zr-83

293 Kelvin Cross Sections



8

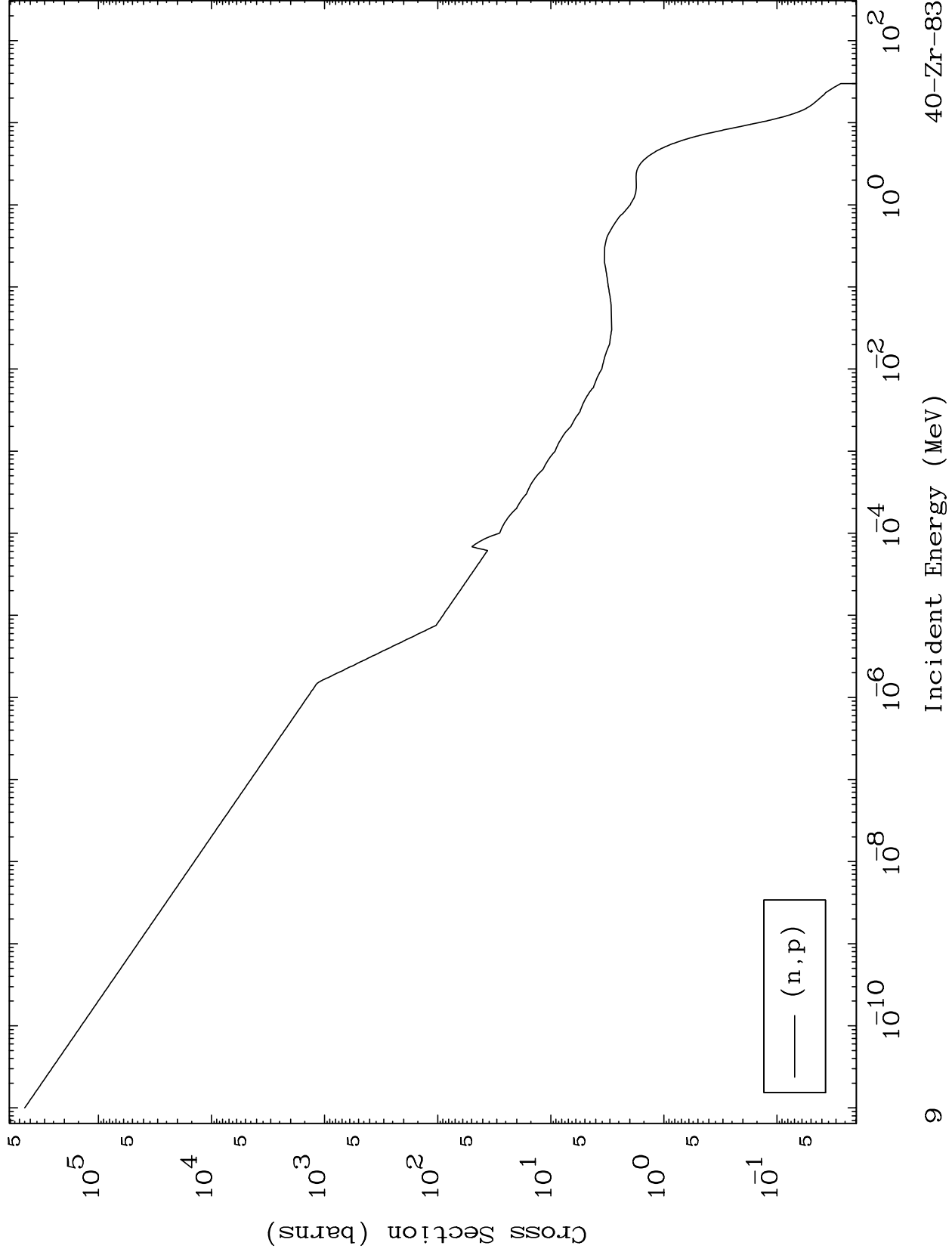
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,p) Levels
293 Kelvin Cross Sections

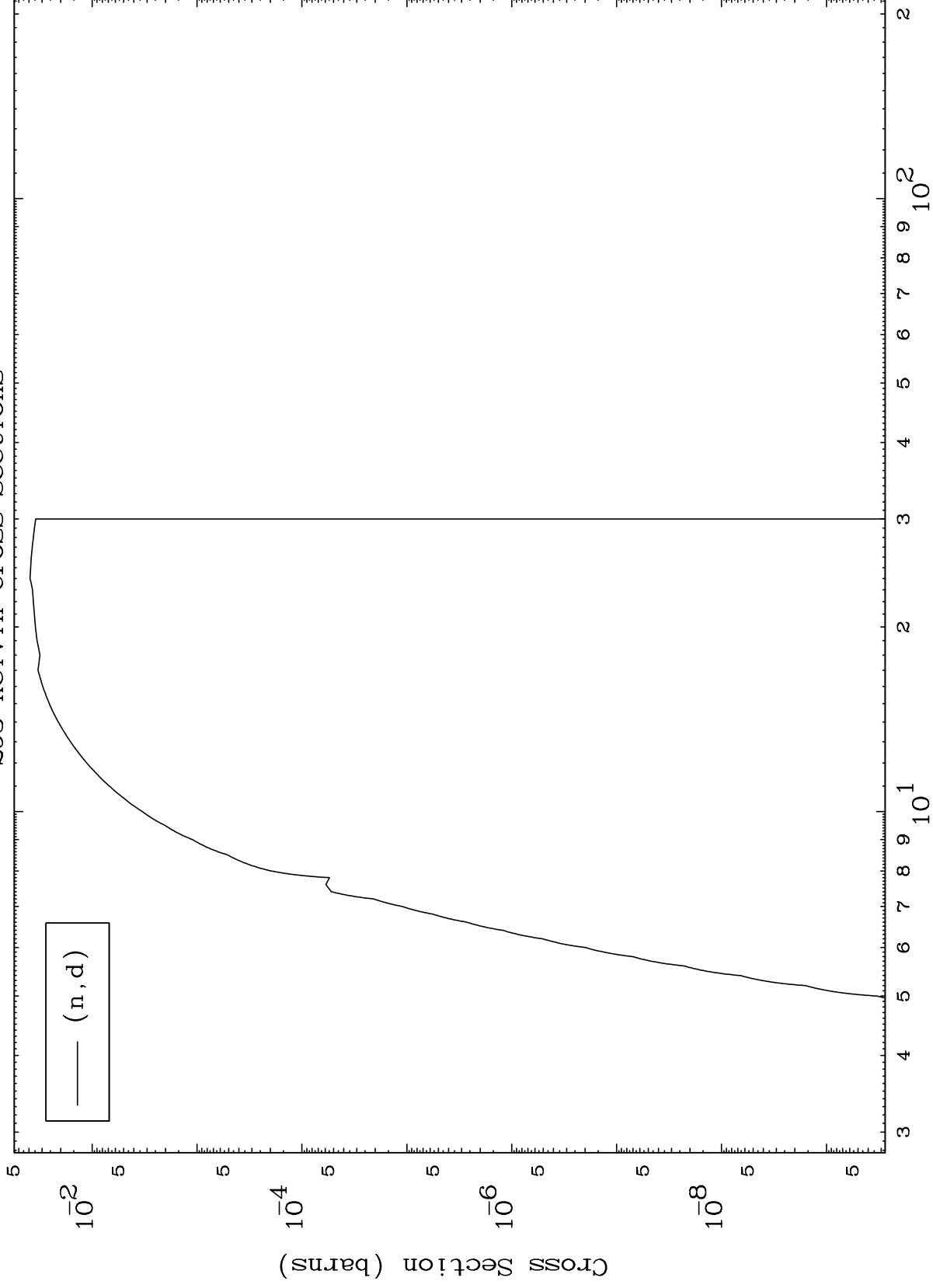
40-Zr-83



MAT 4004

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-83



10

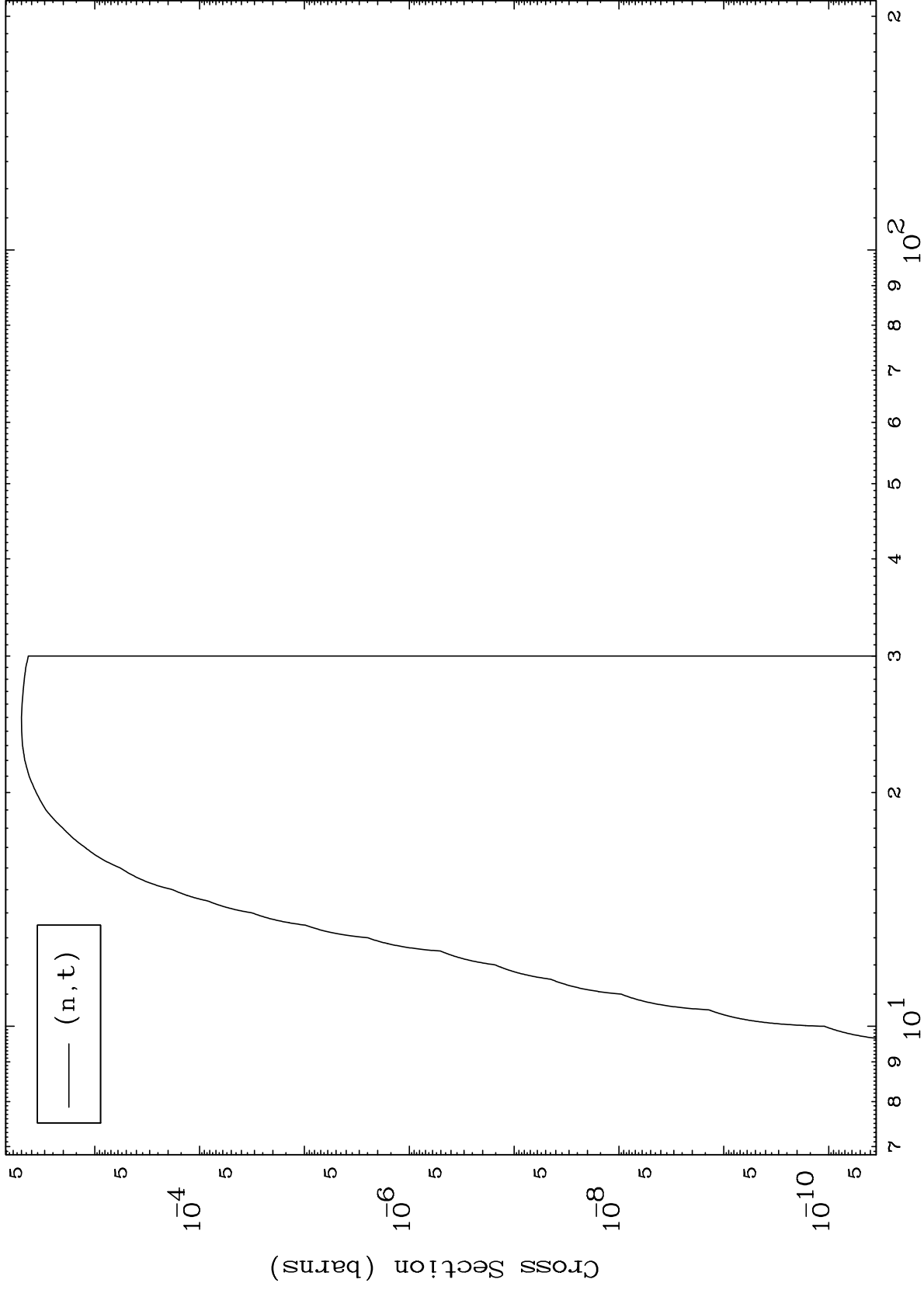
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-83



11

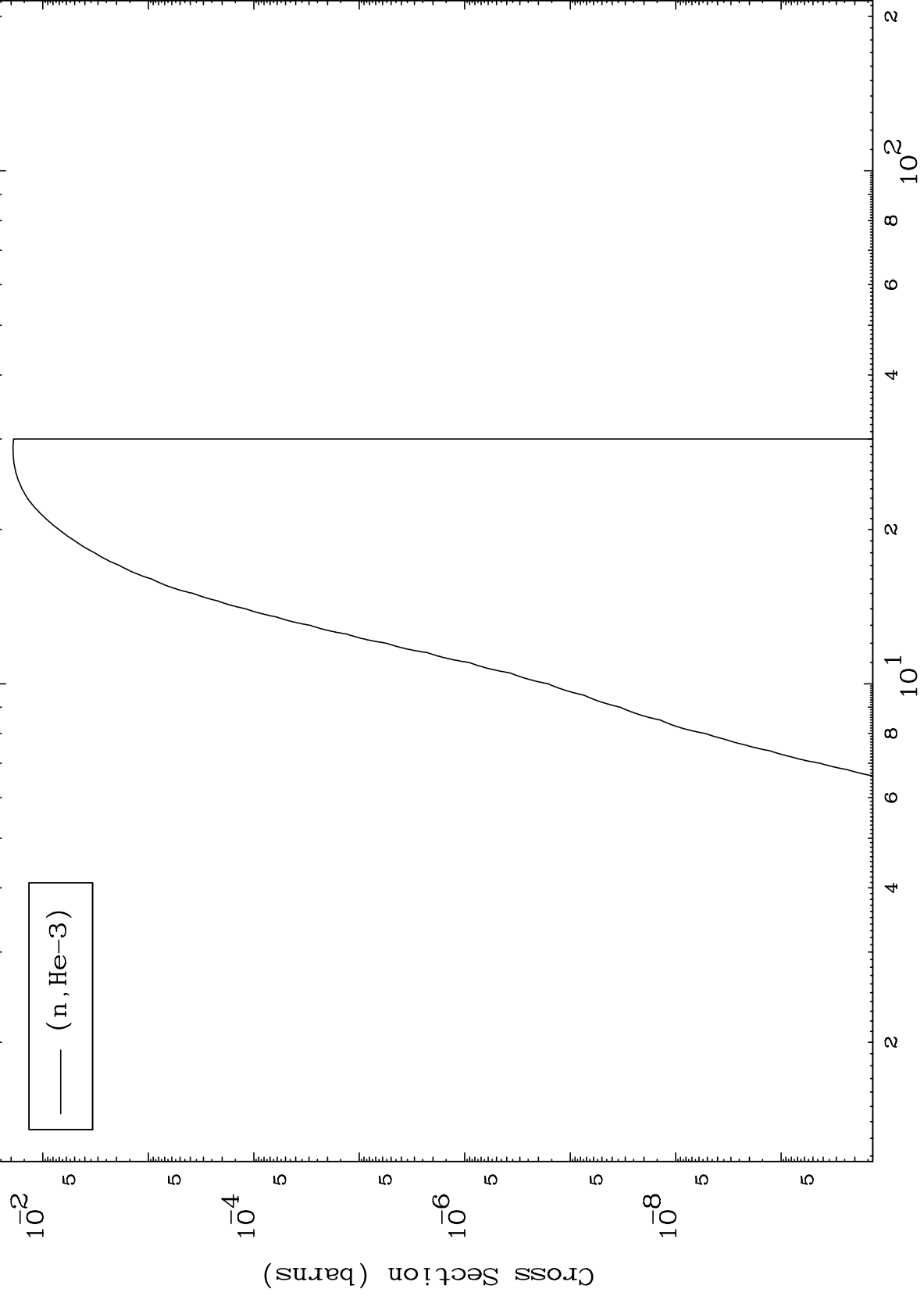
Incident Energy (MeV)

40-Zr-83

MAT 4004

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-83



12

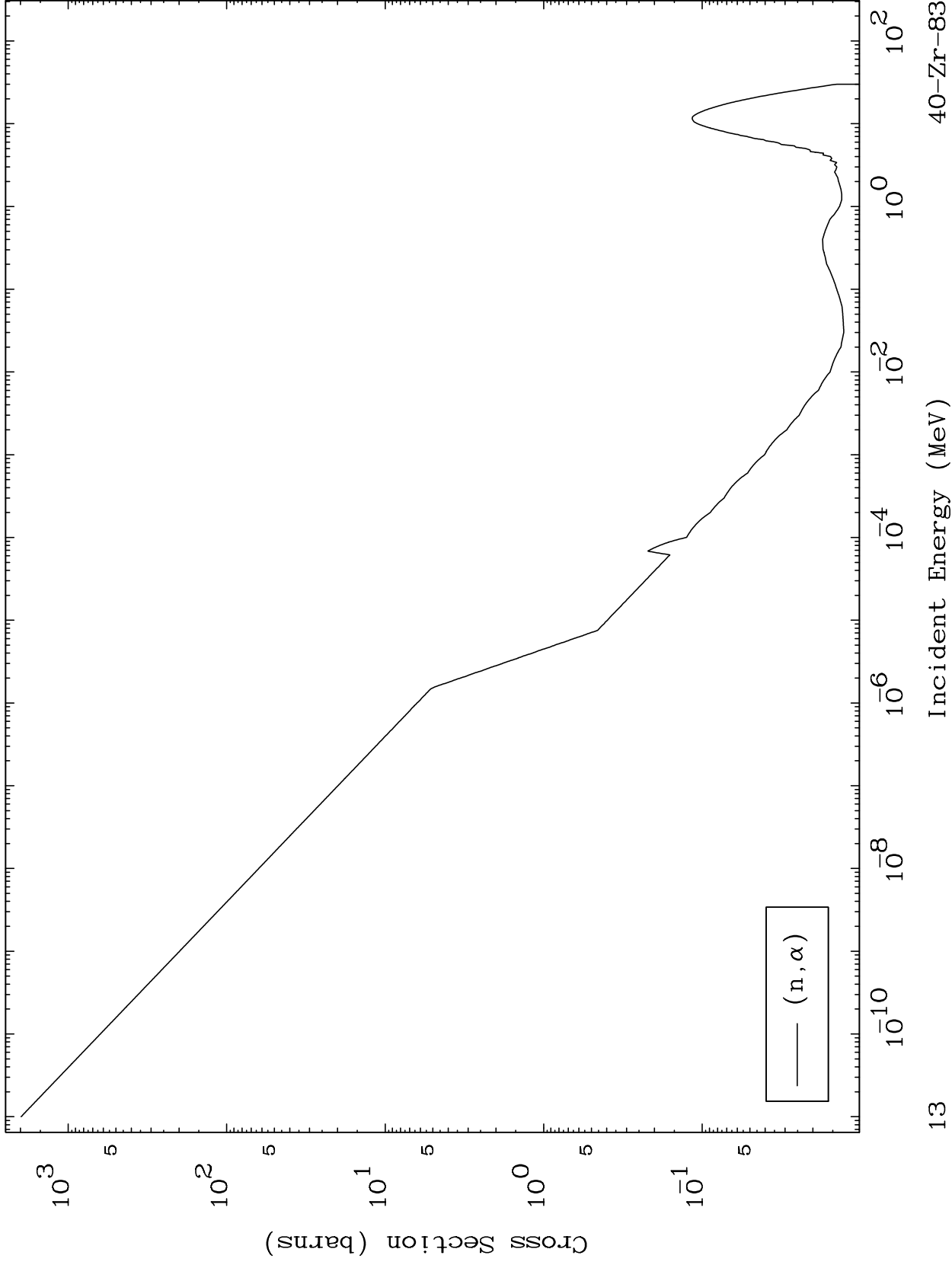
Incident Energy (MeV)

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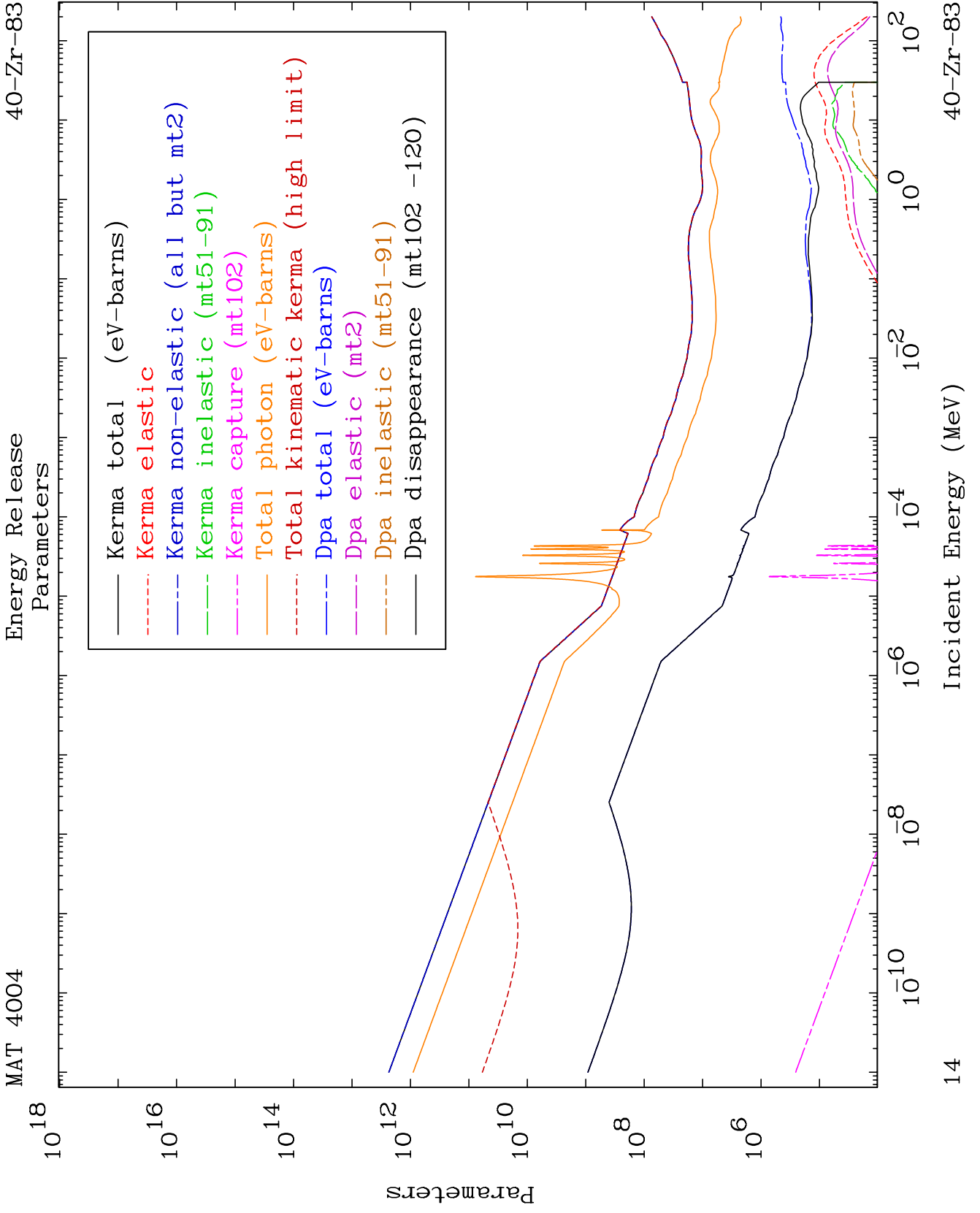
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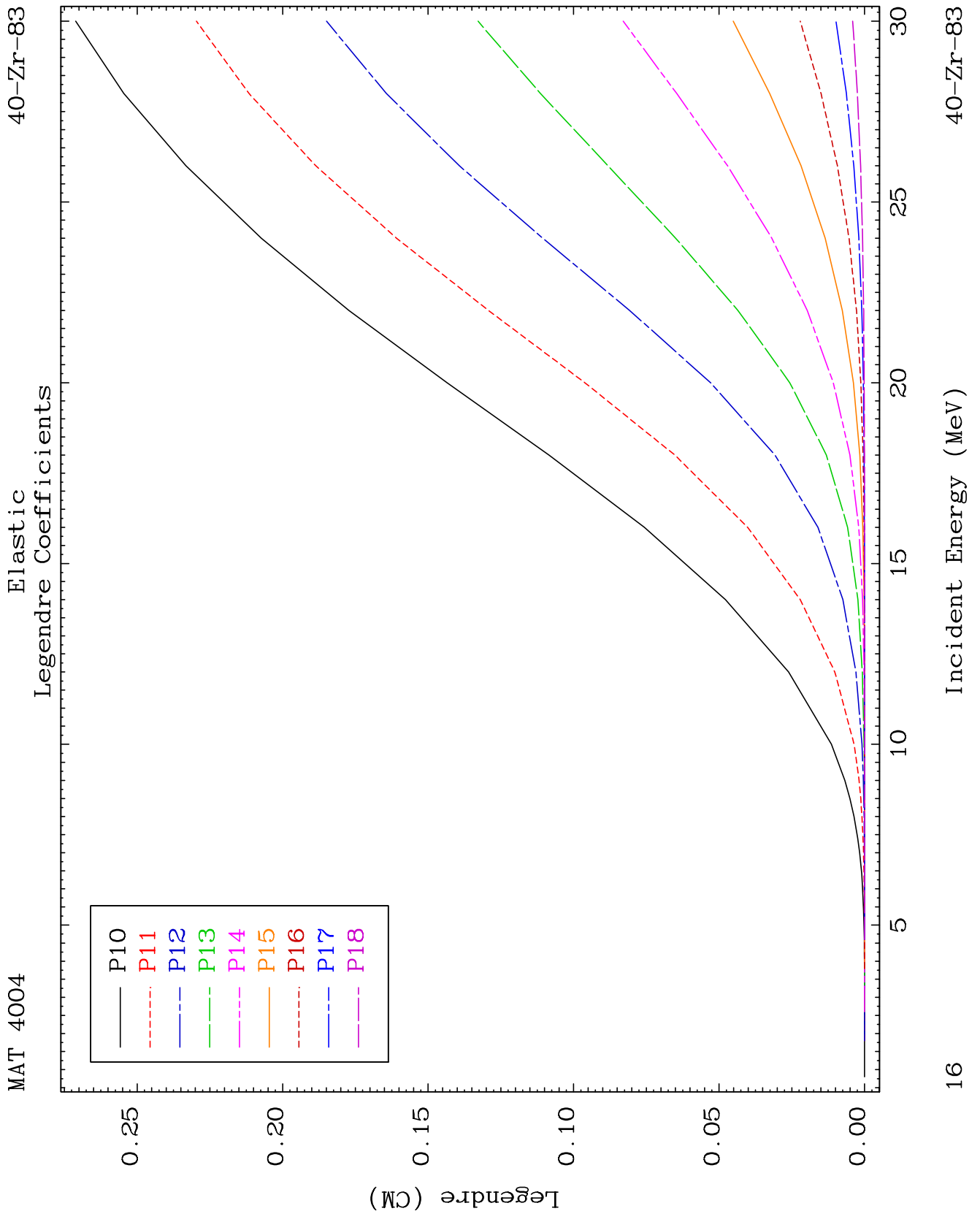
(n, α) Levels
293 Kelvin Cross Sections

40-Zr-83



13

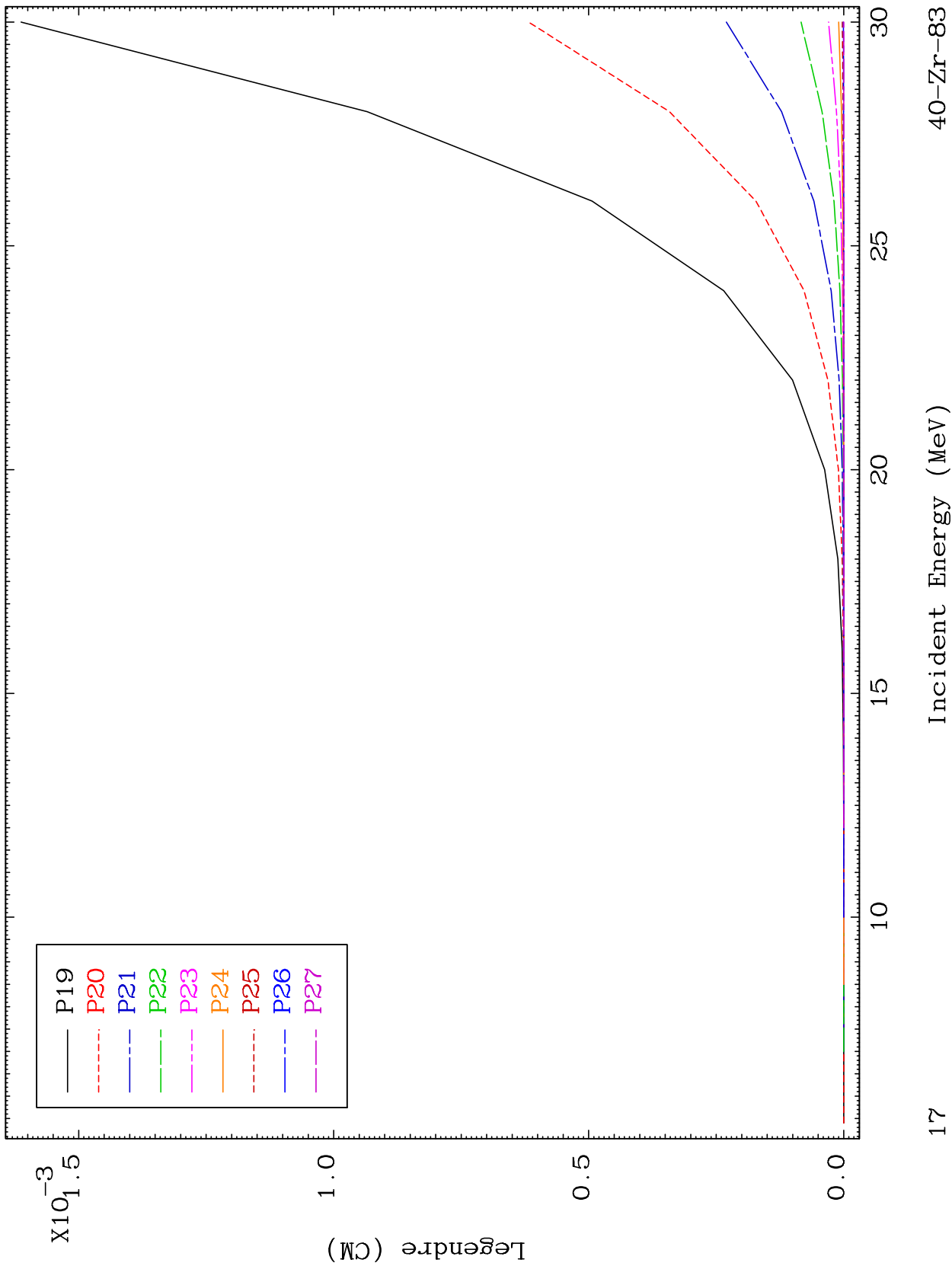




MAT 4004

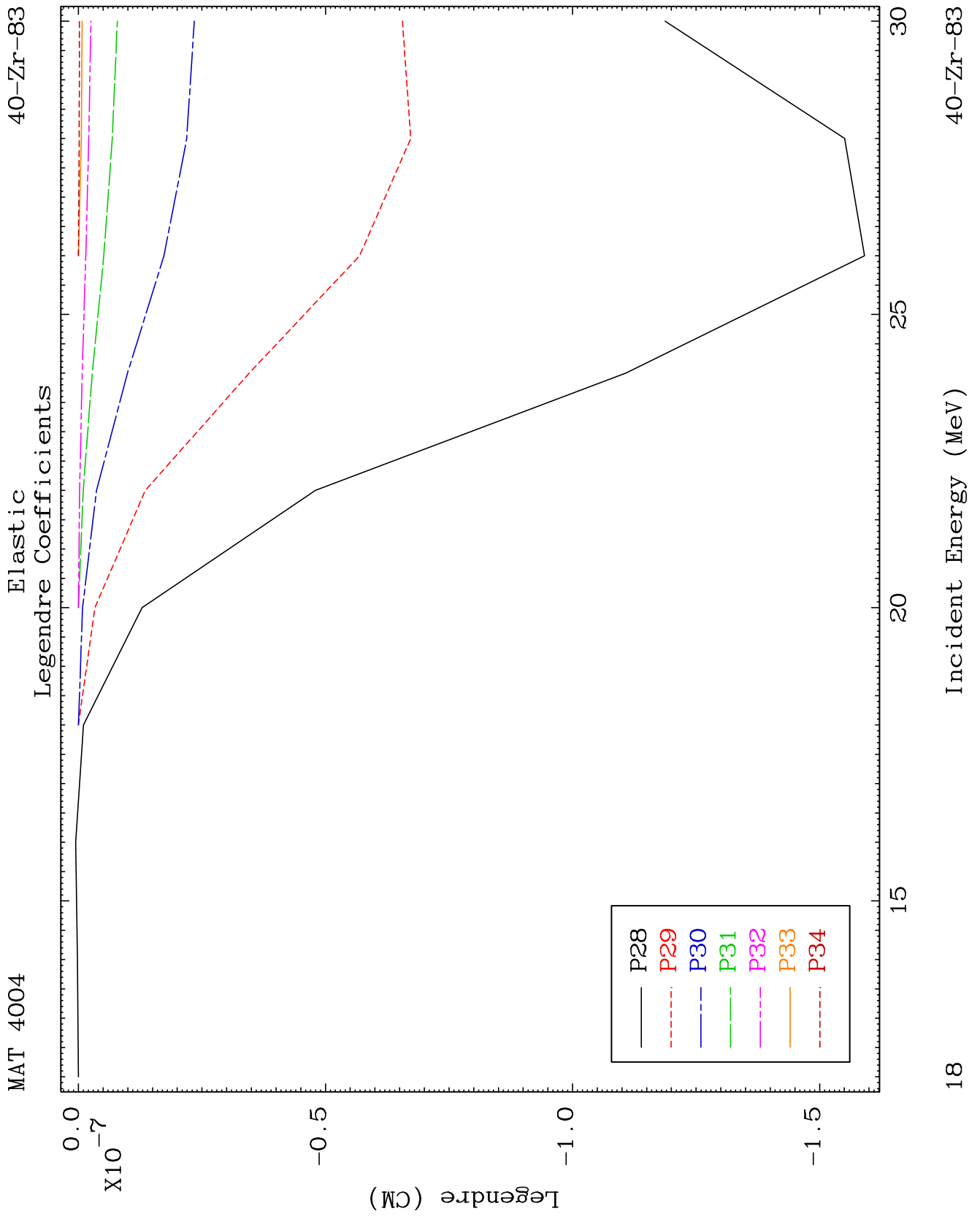
Elastic Legendre Coefficients

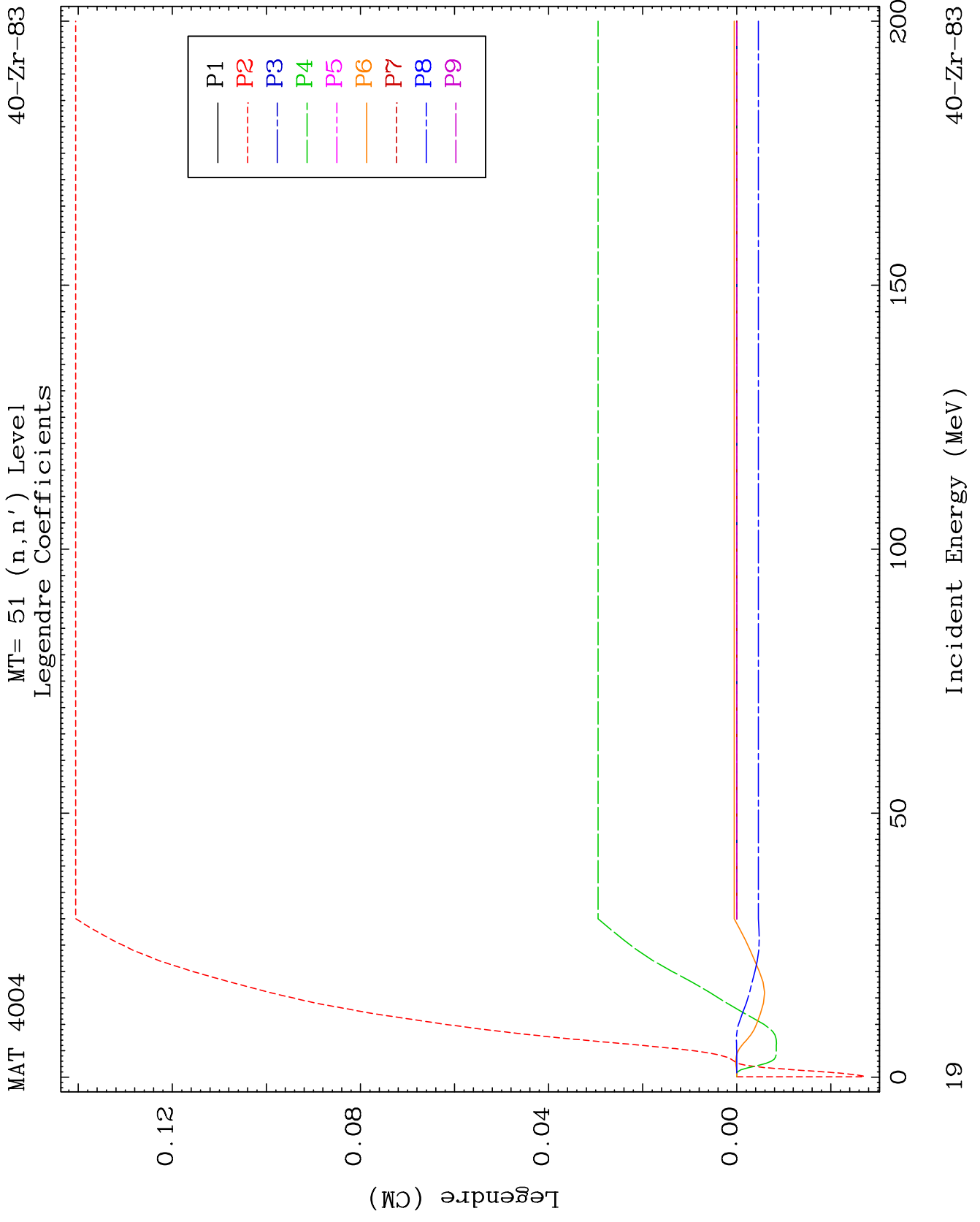
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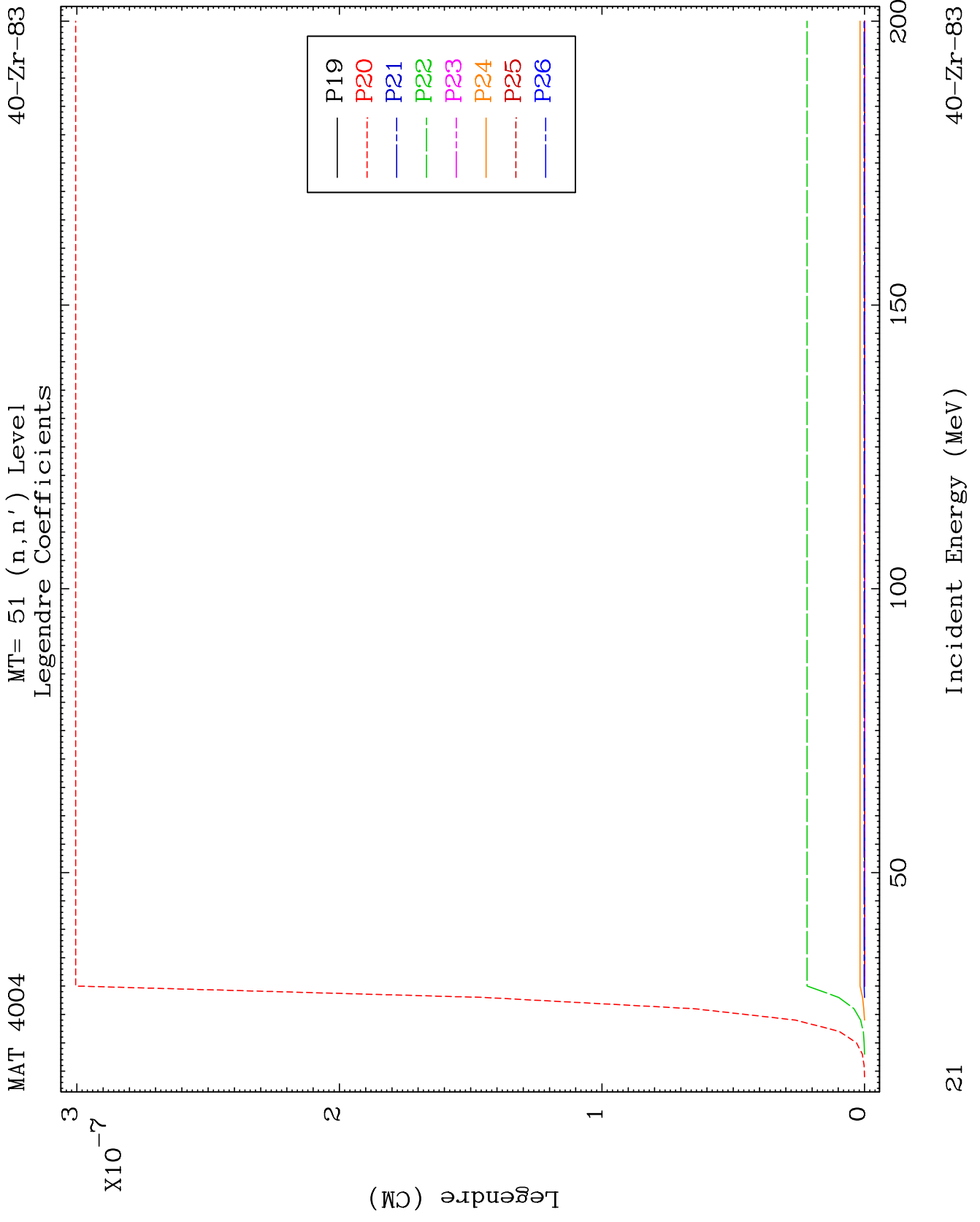


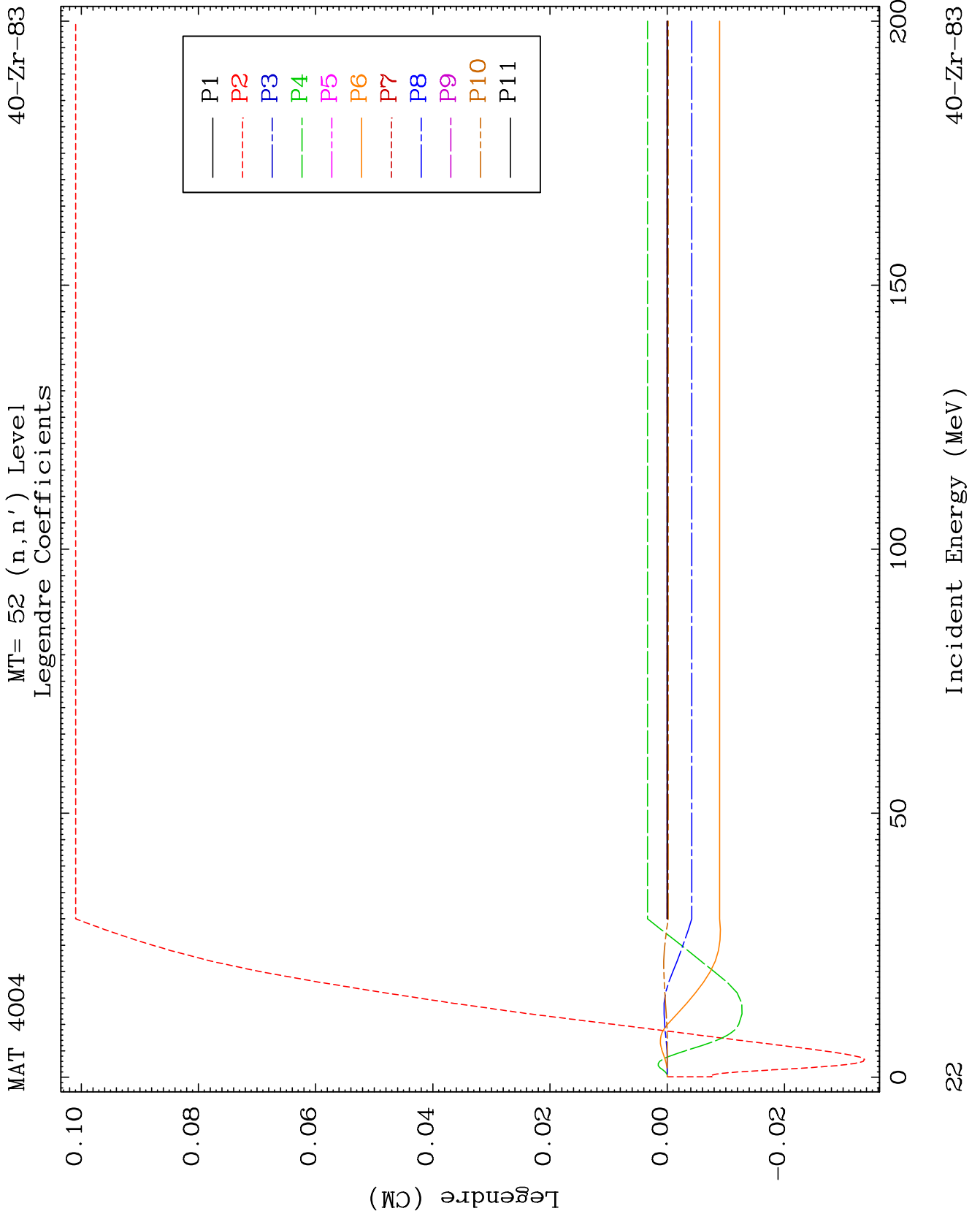
17

40-Zr-83





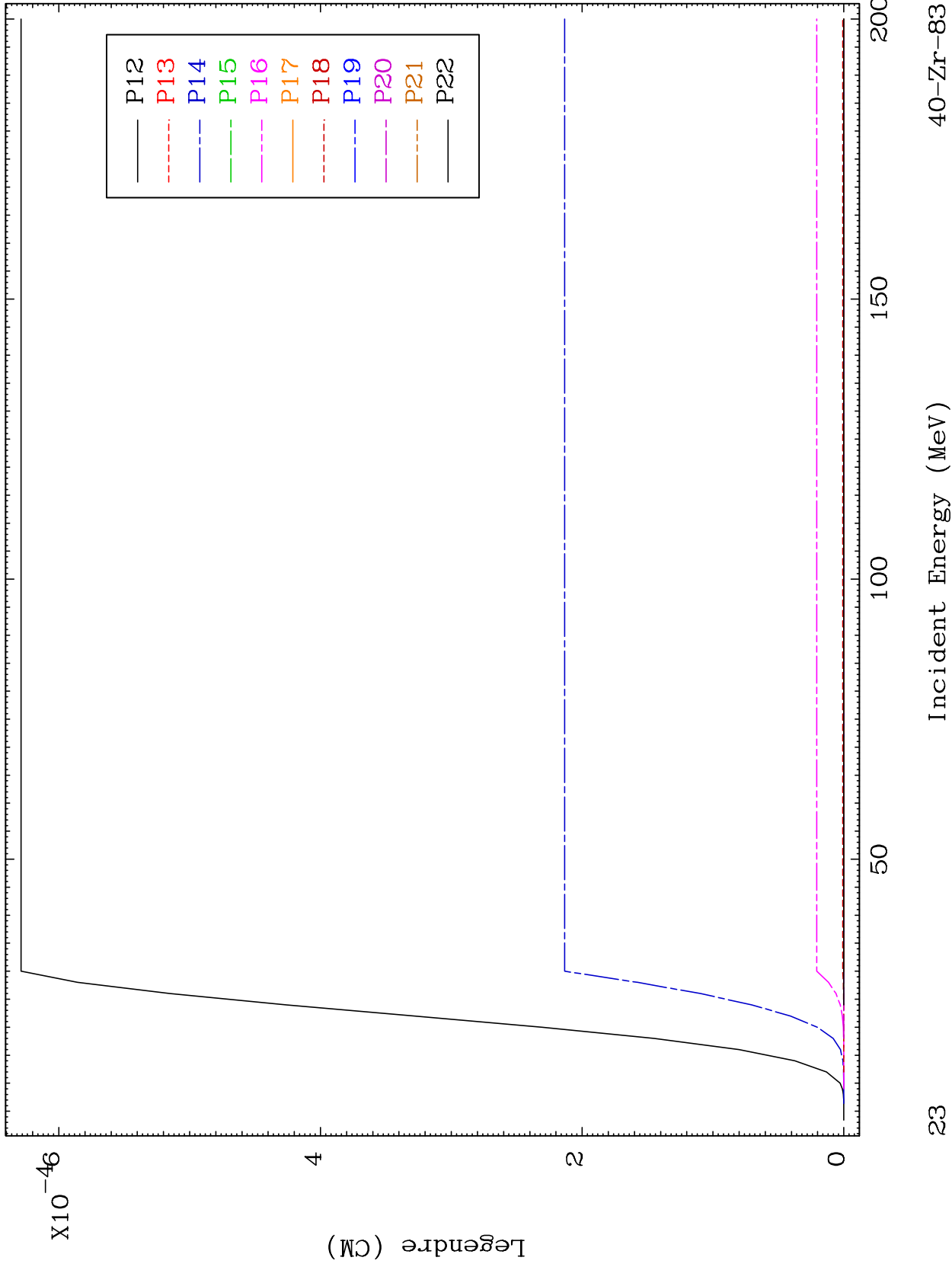




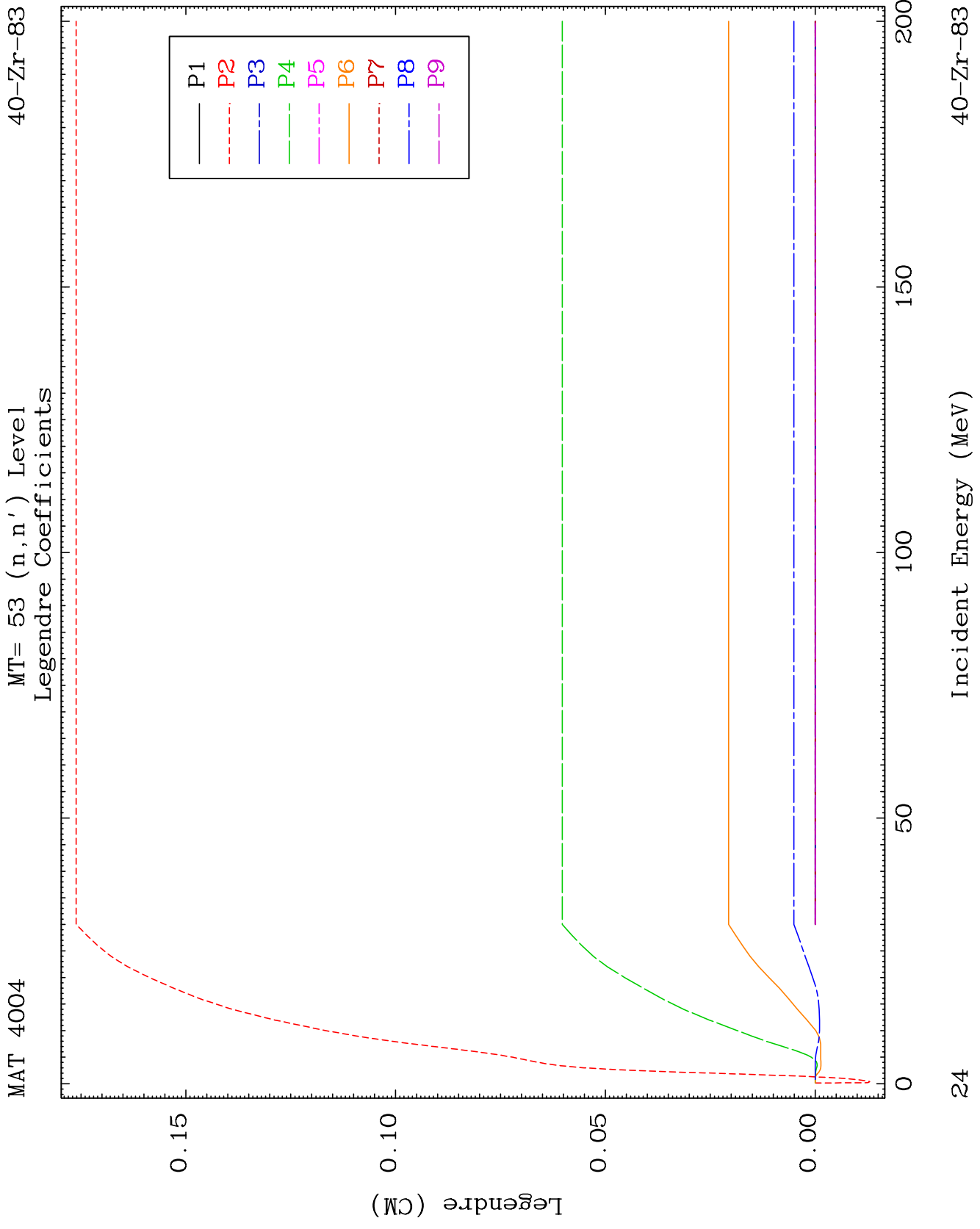
MAT 4004

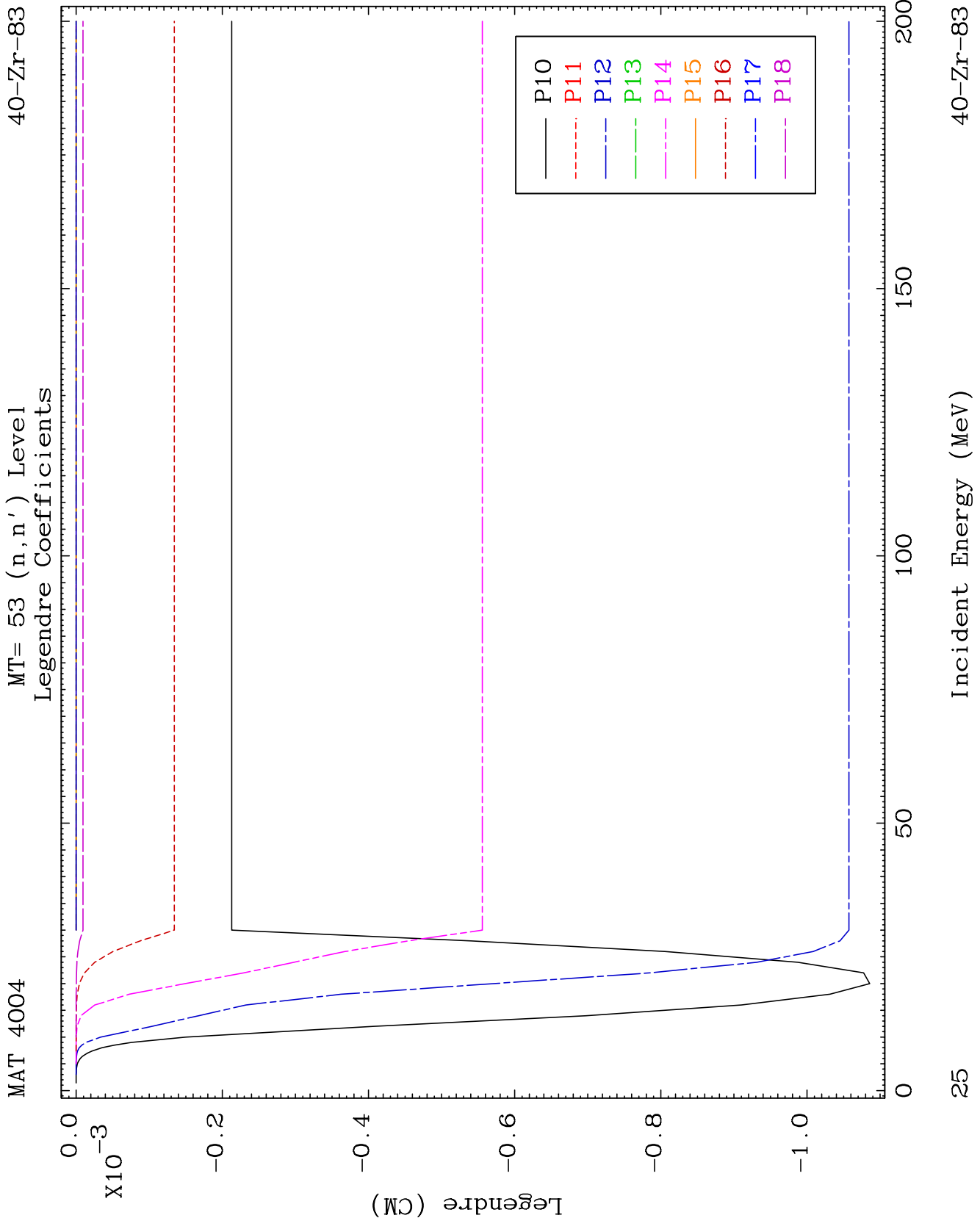
MT= 52 (n,n') Level
Legendre Coefficients

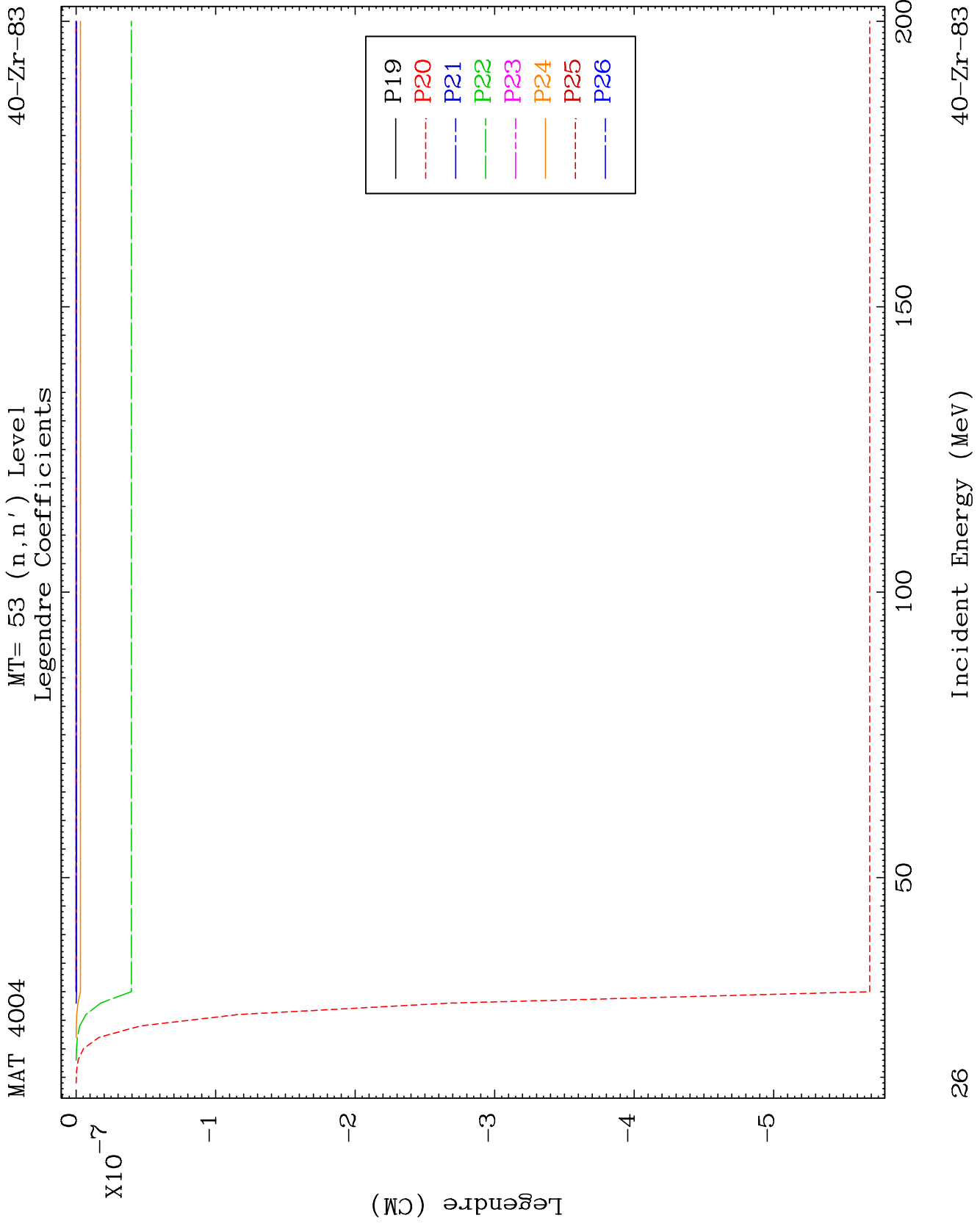
40-Zr-83



23



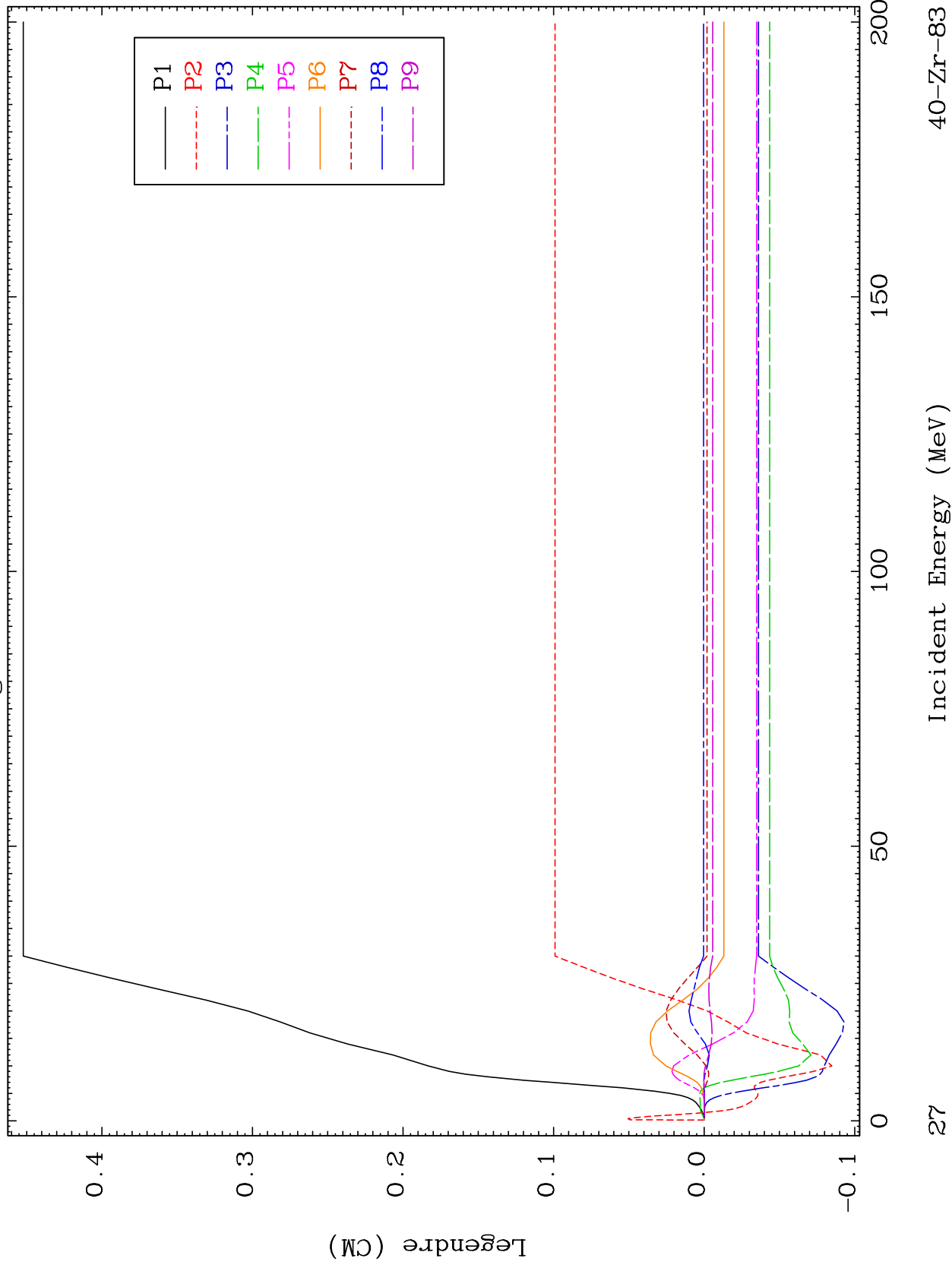




MAT 4004

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

40-Zr-83



40-Zr-83

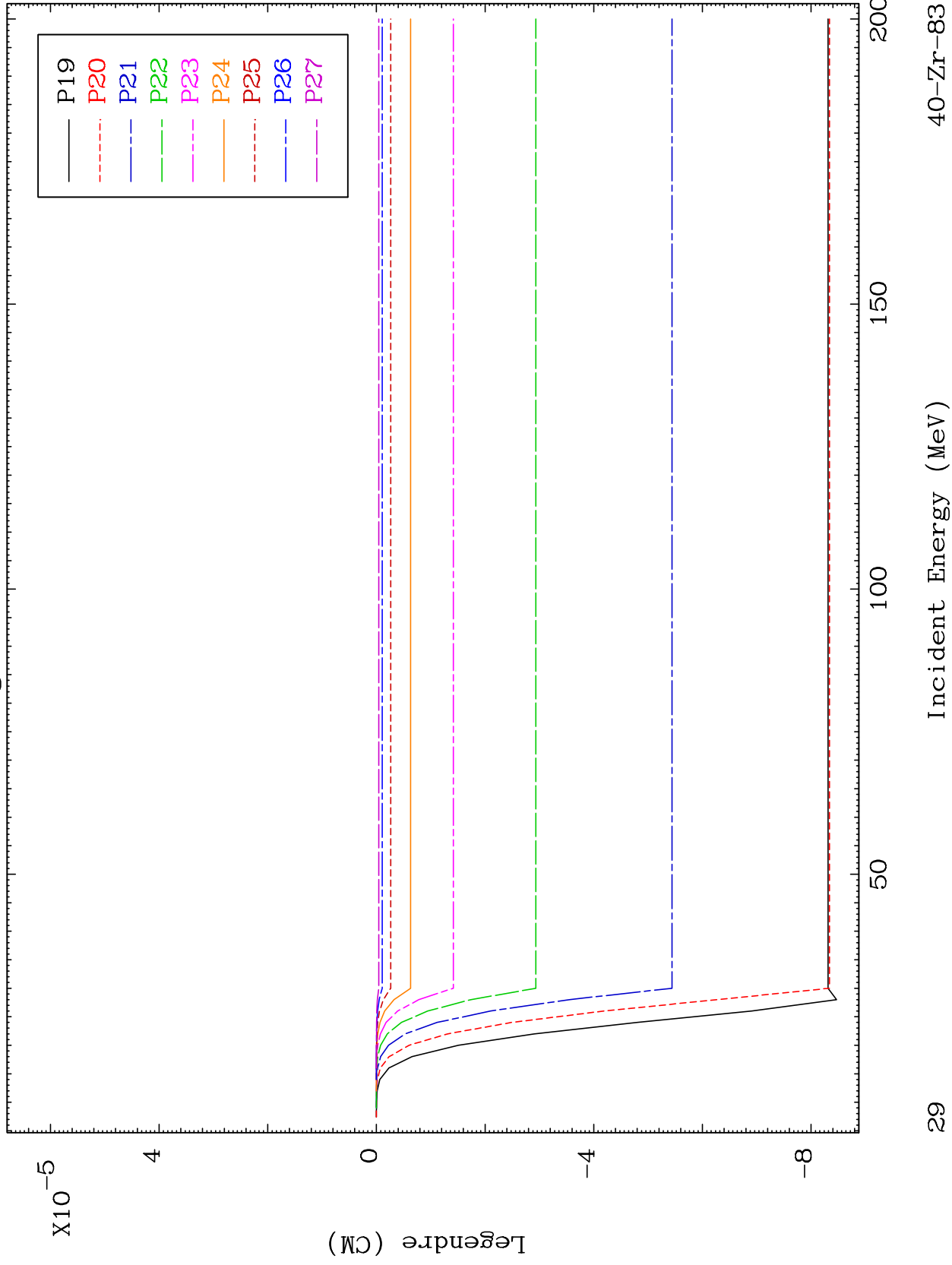
Incident Energy (MeV)

27

MAT 4004

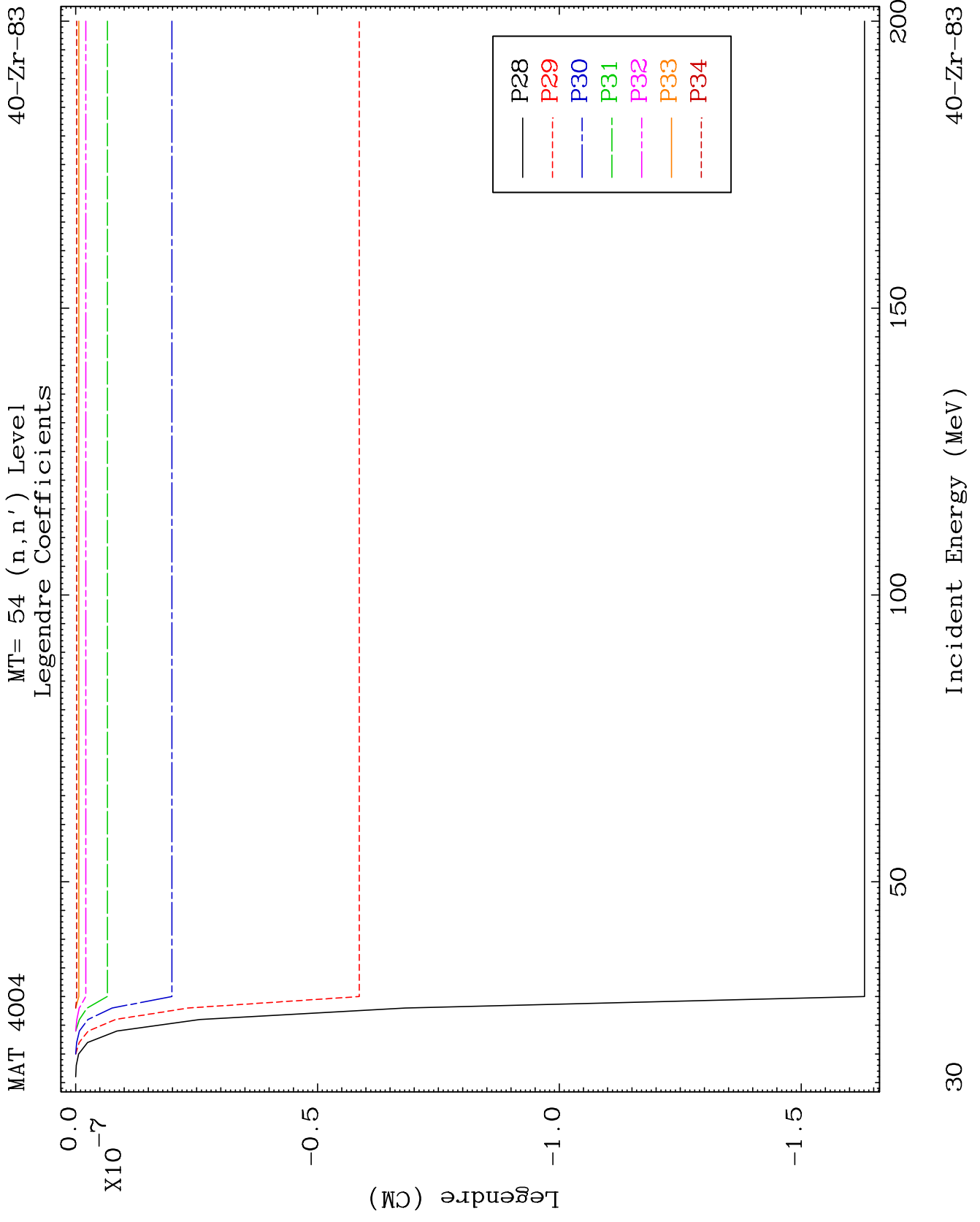
MT= 54 (n,n') Level
Legendre Coefficients

40-Zr-83



29

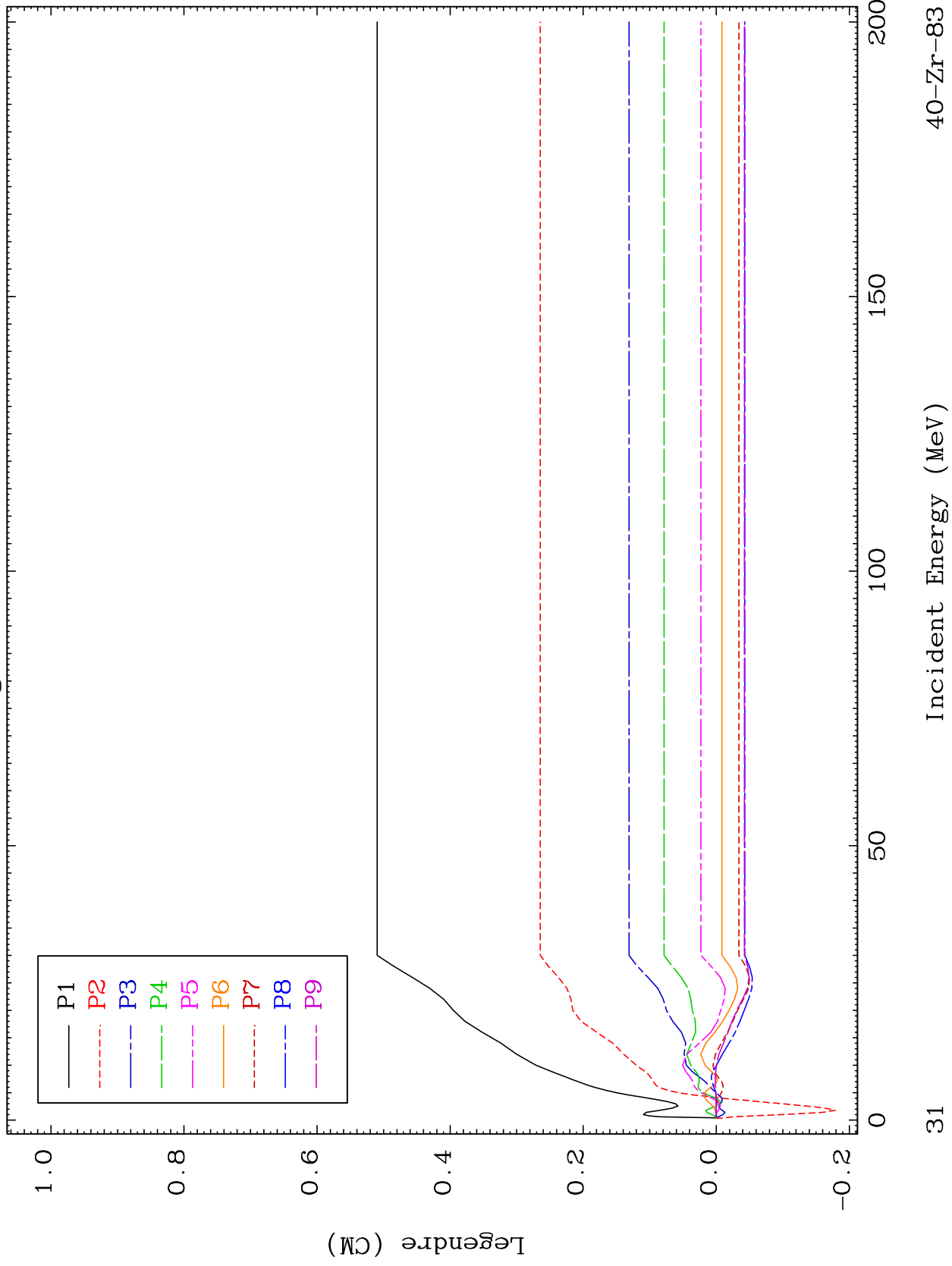
40-Zr-83



MAT 4004

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

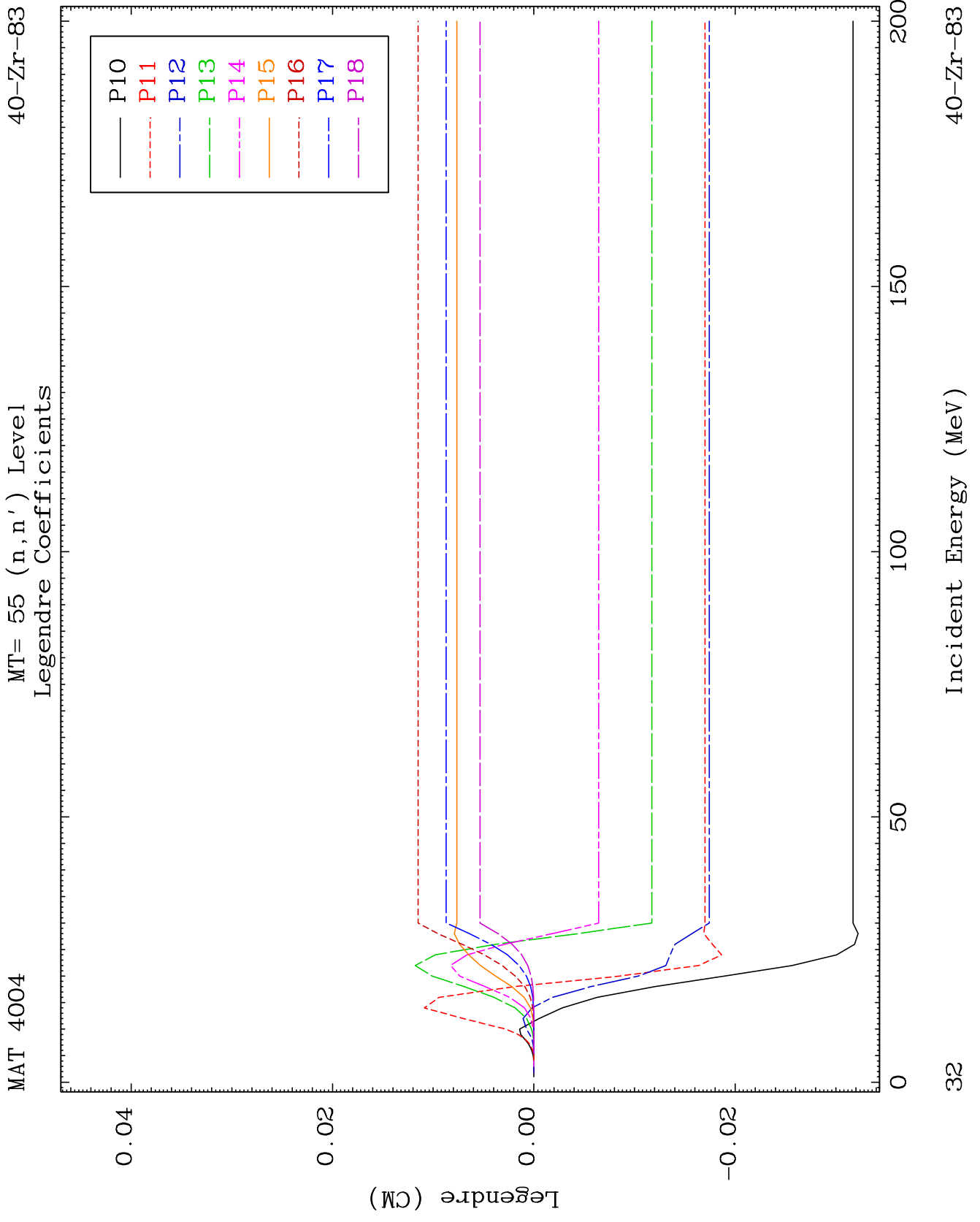
40-Zr-83



31

Incident Energy (MeV)

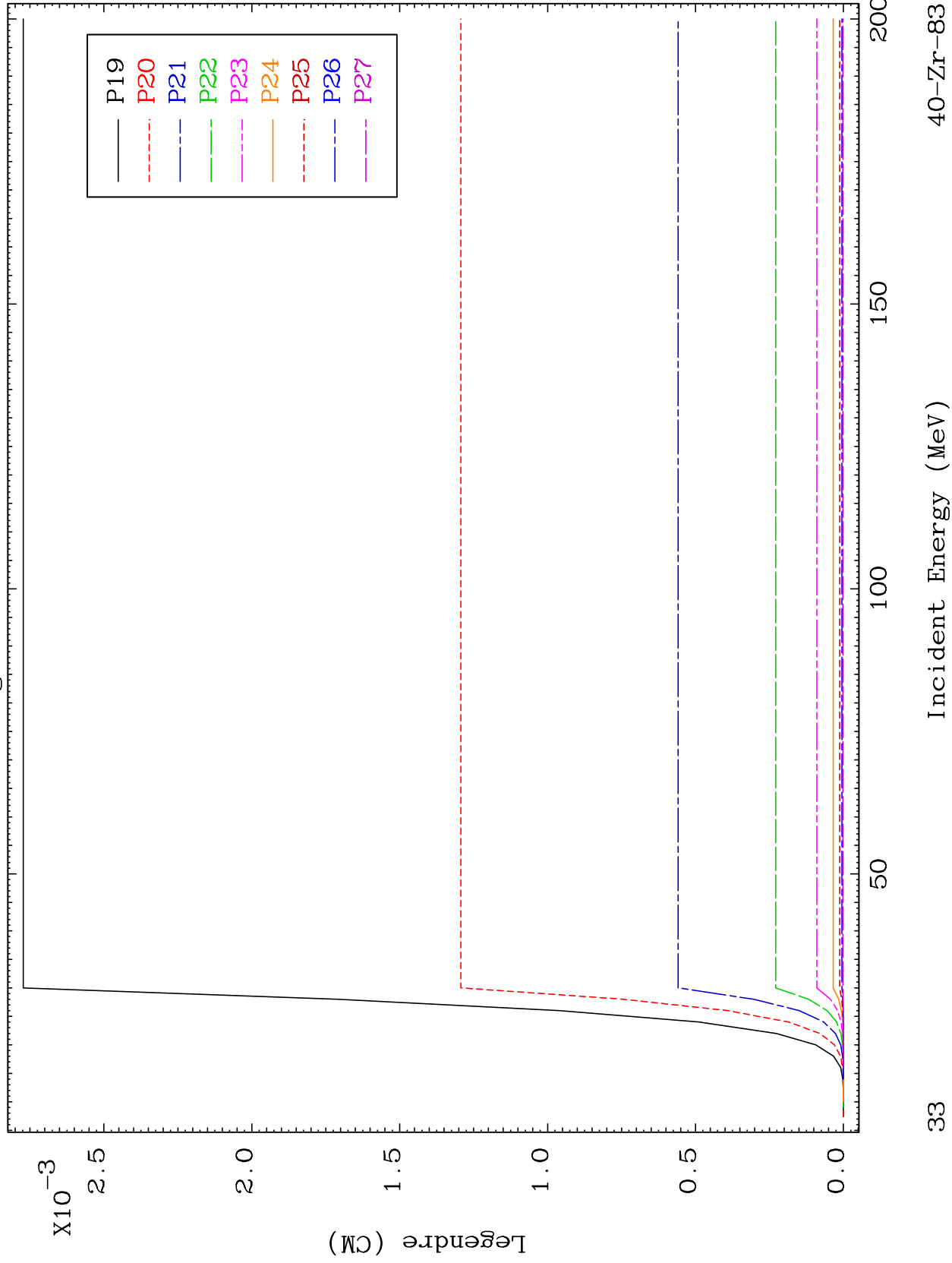
40-Zr-83



MAT 4004

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

40-Zr-83



33

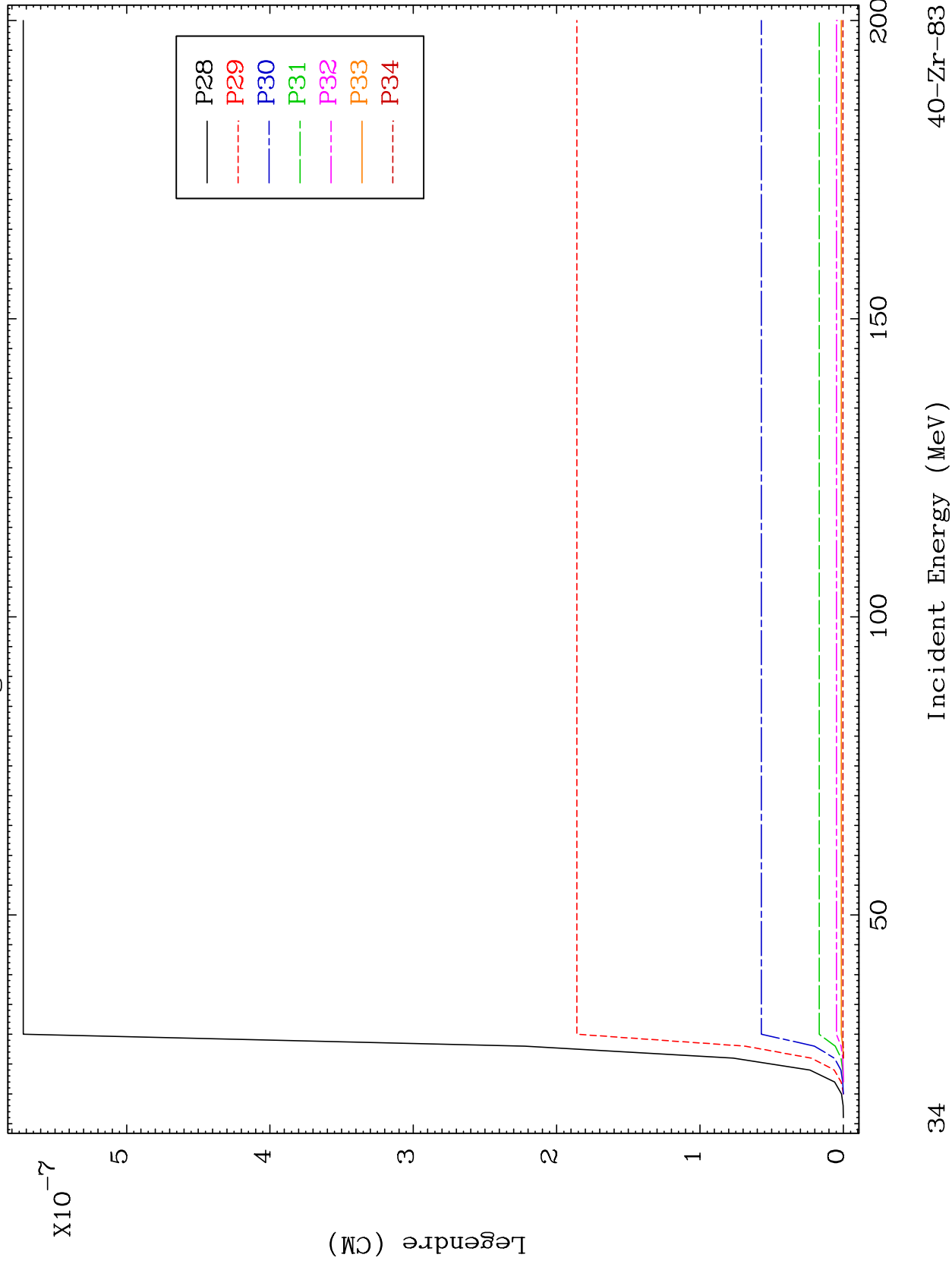
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

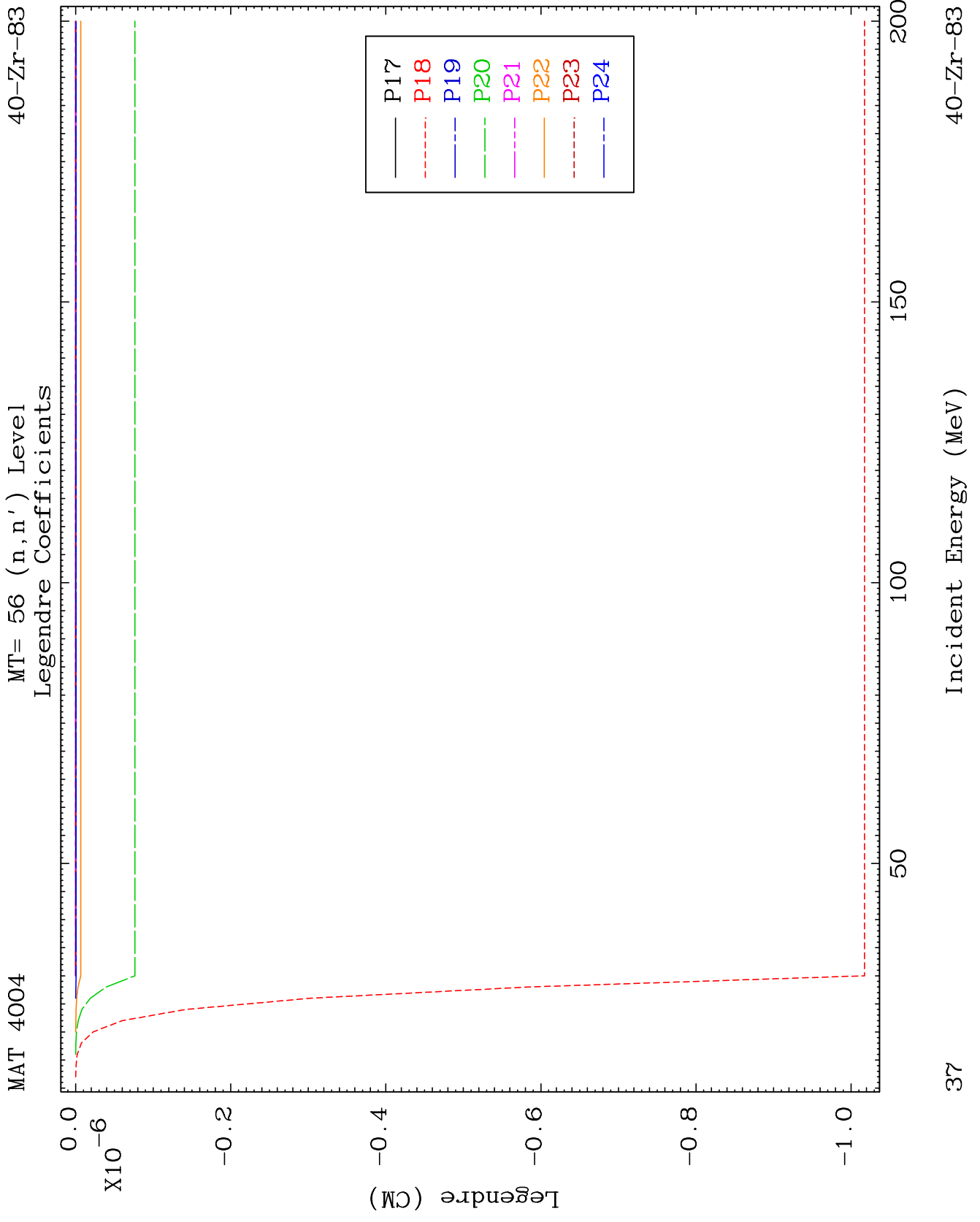
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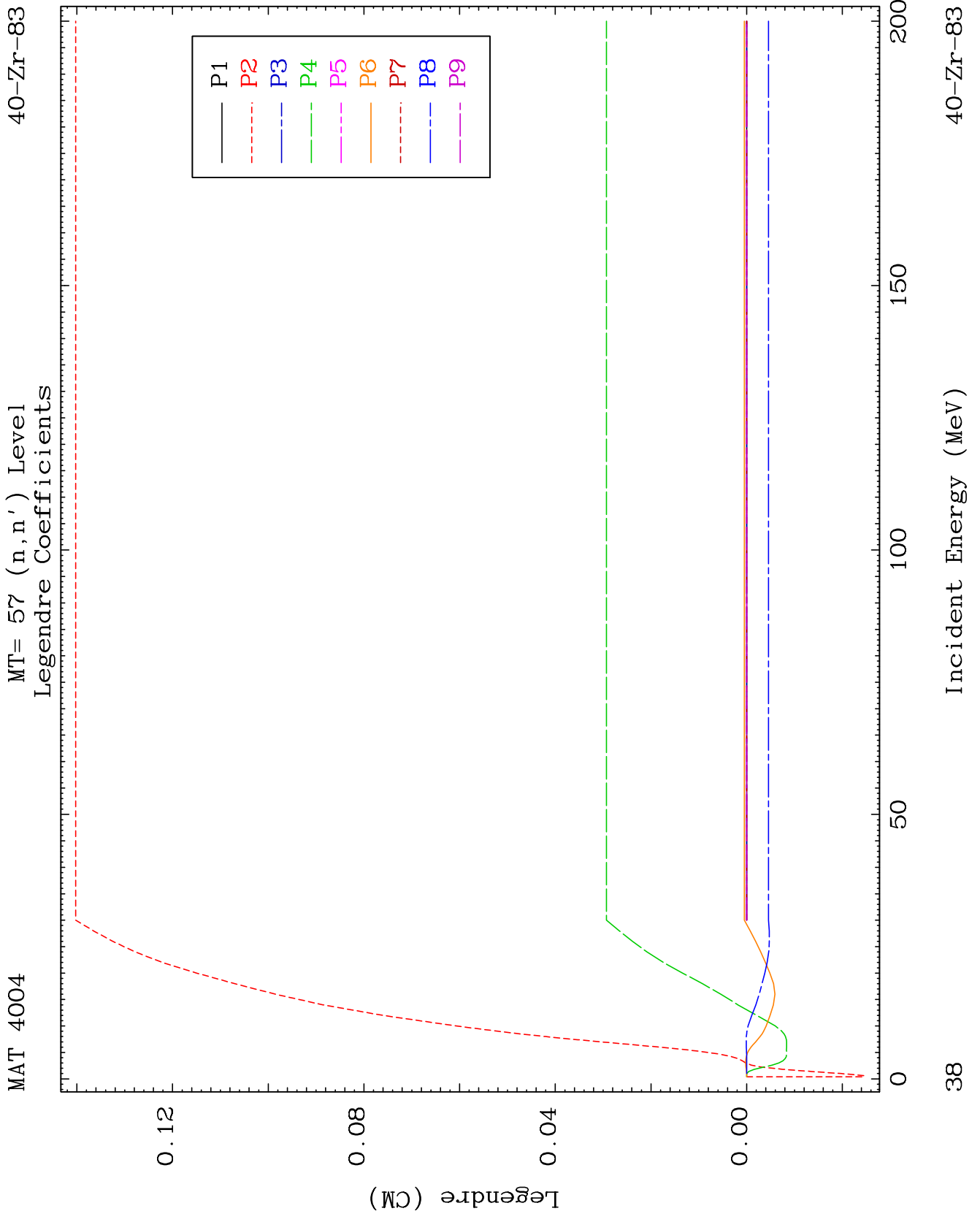


34

Incident Energy (MeV)

40-Zr-83

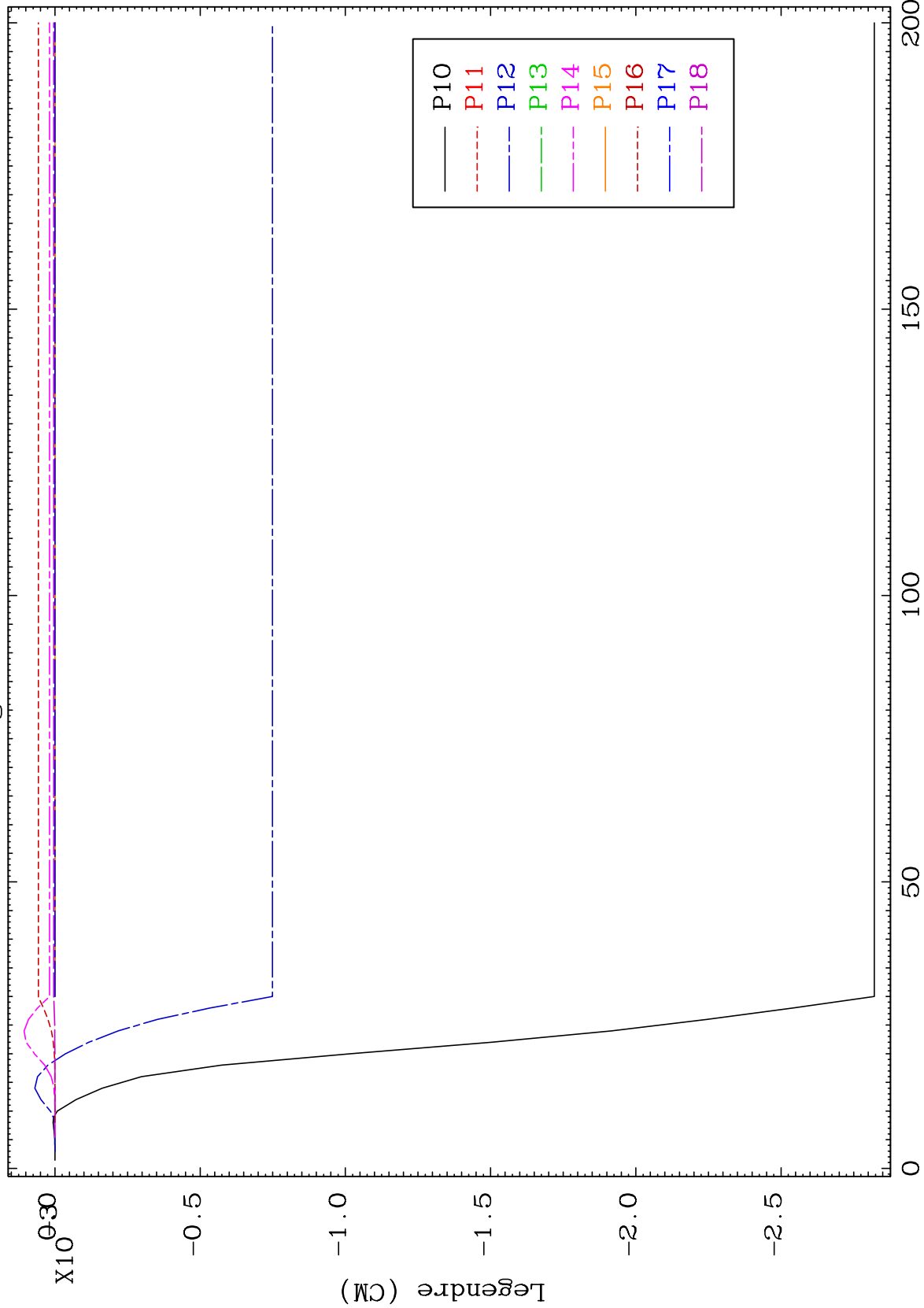




MAT 4004

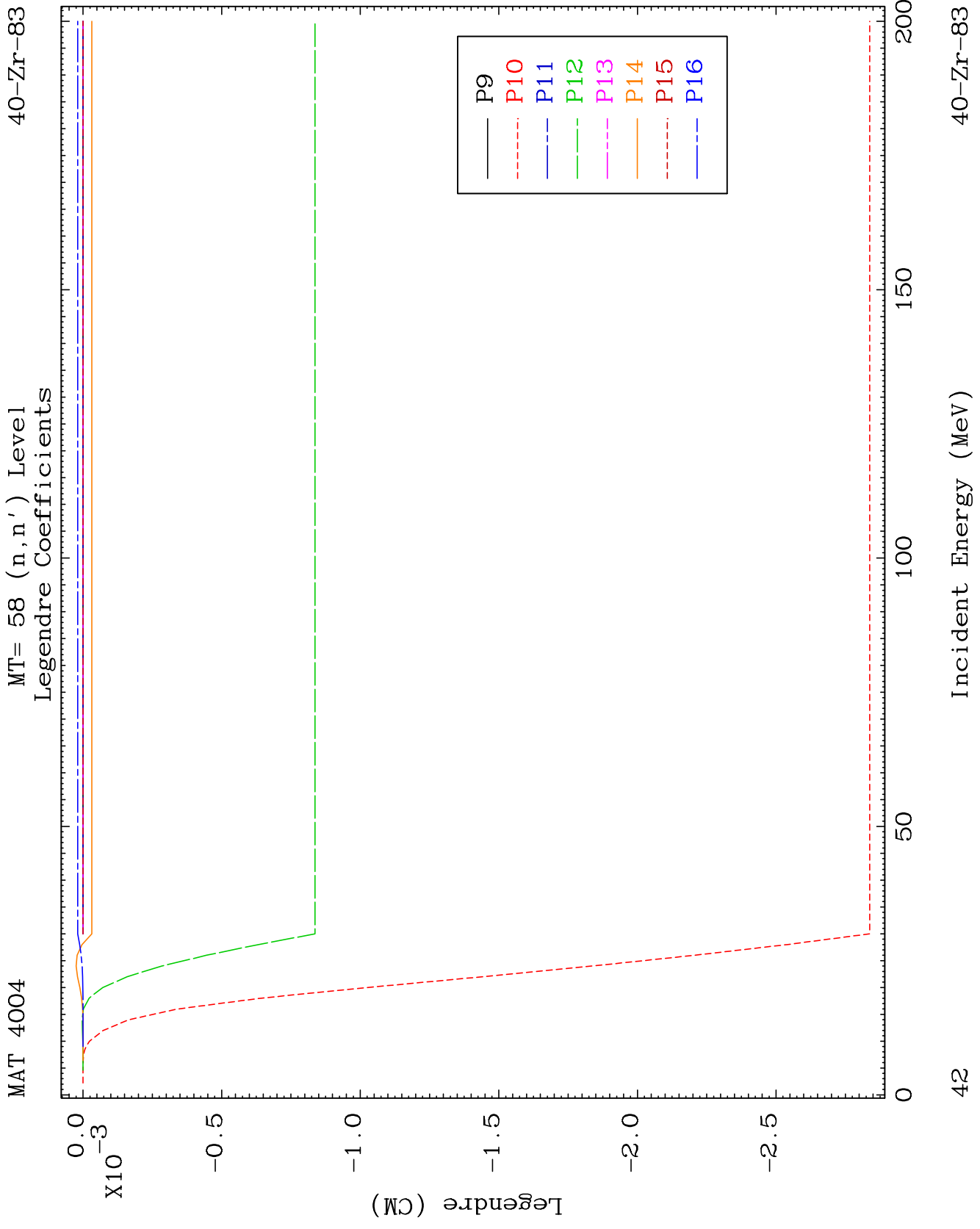
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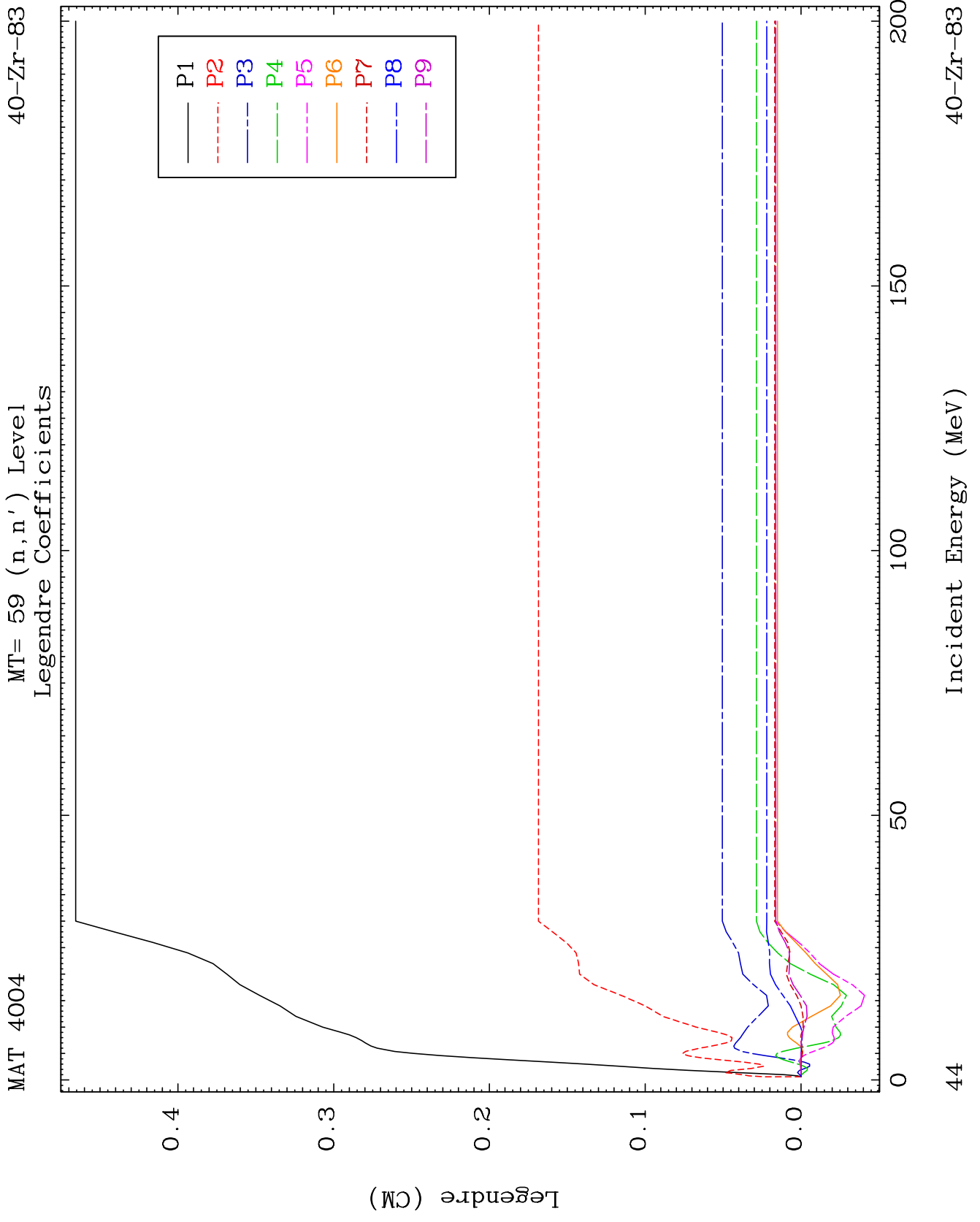
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Legendre Coefficients

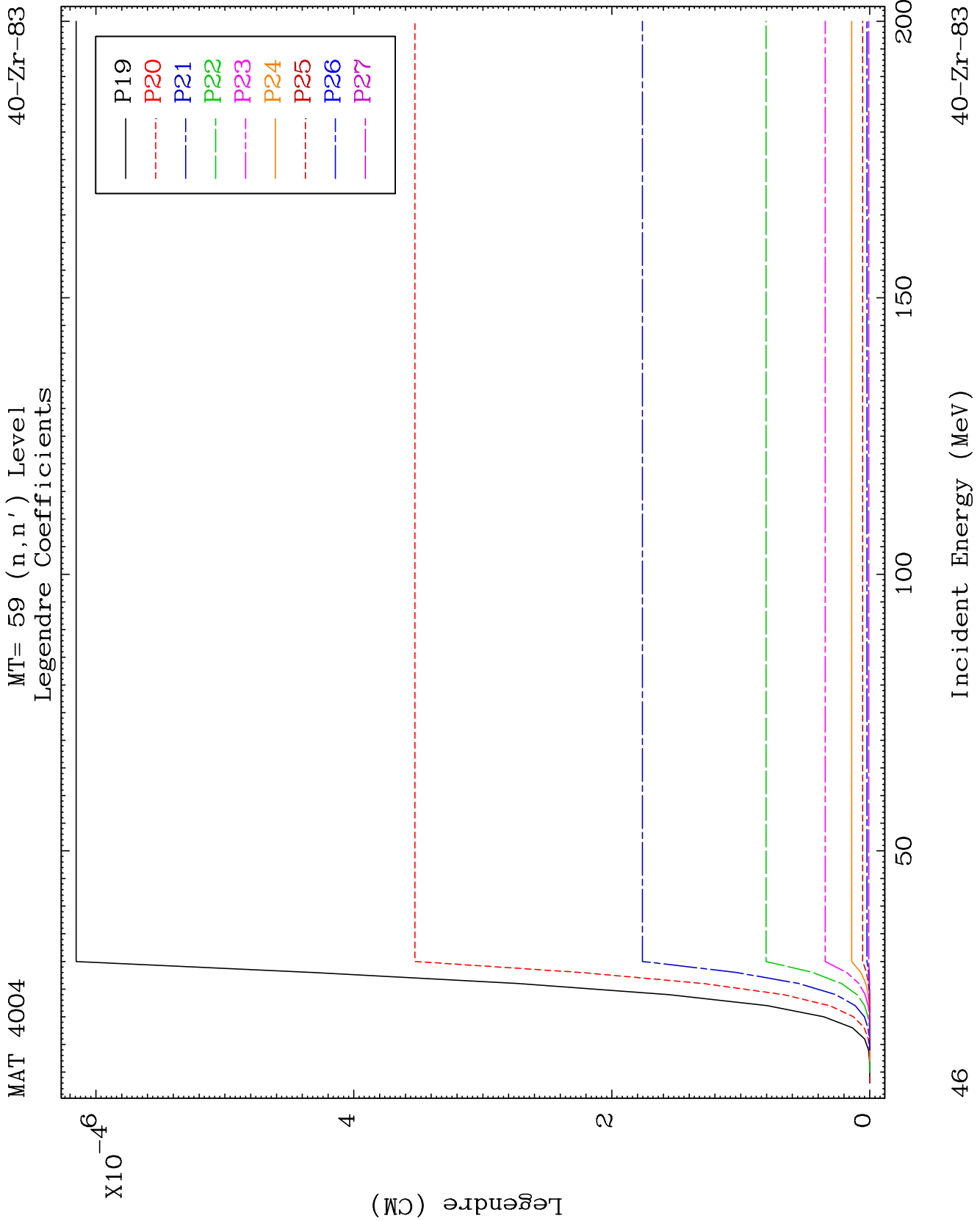


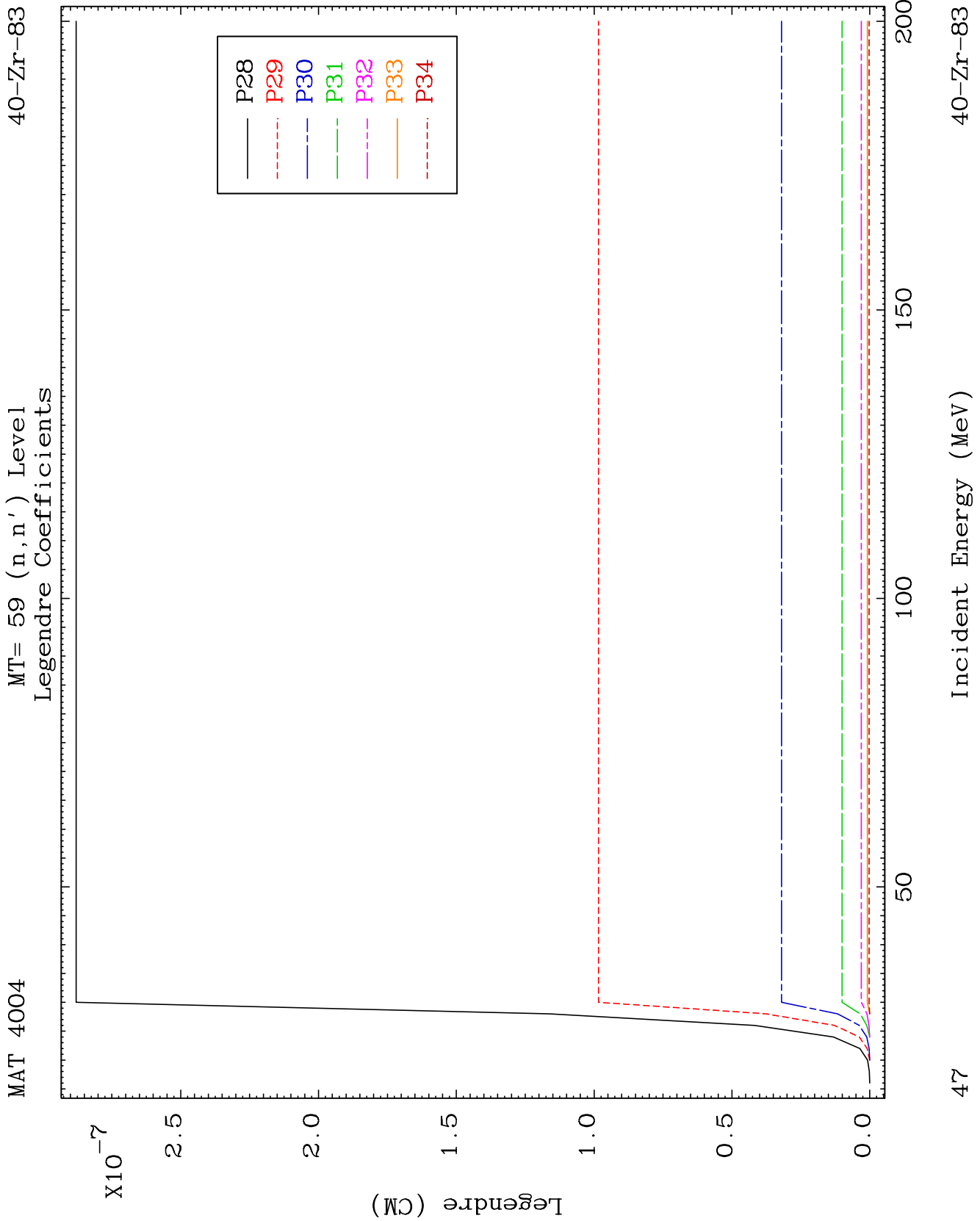
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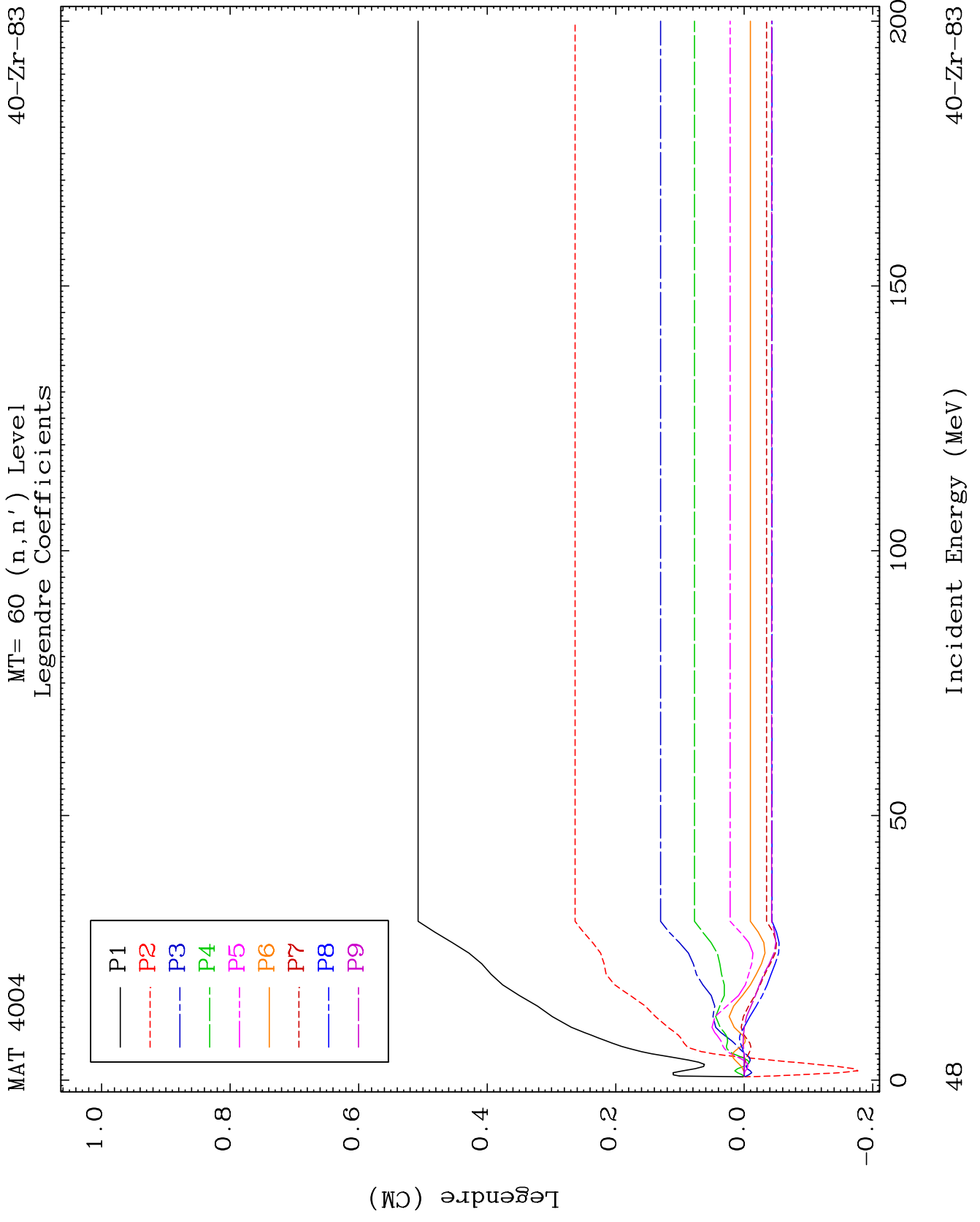
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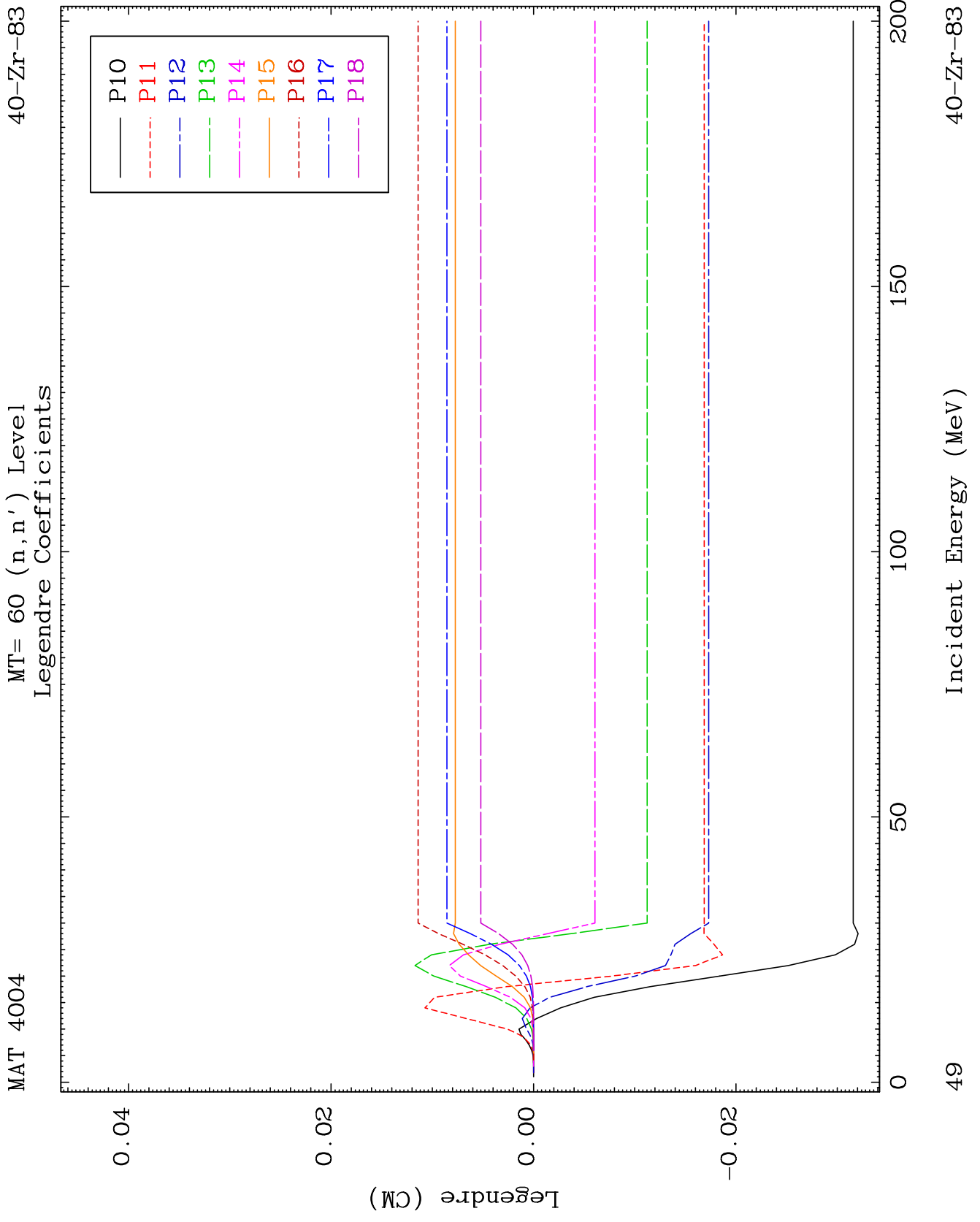


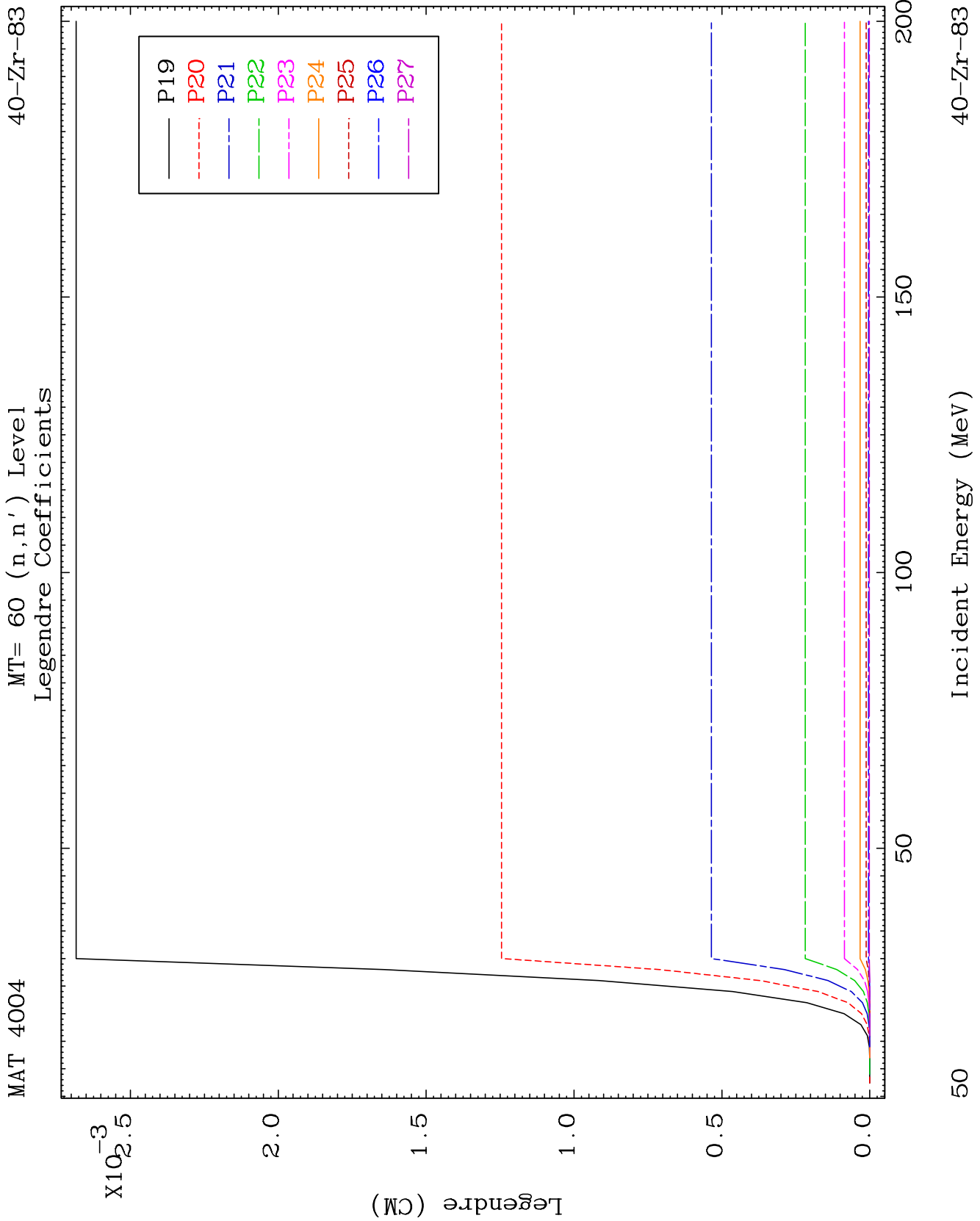


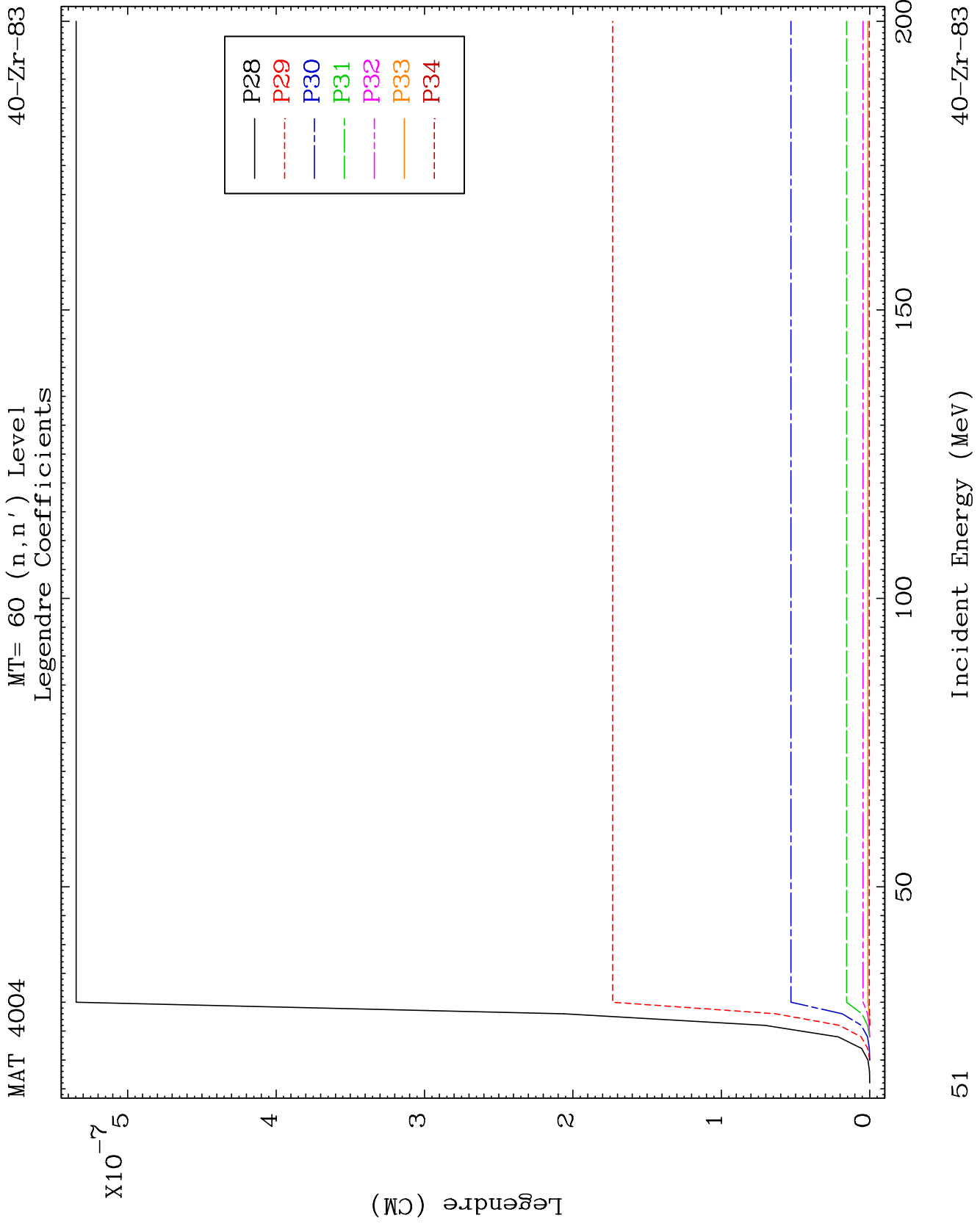


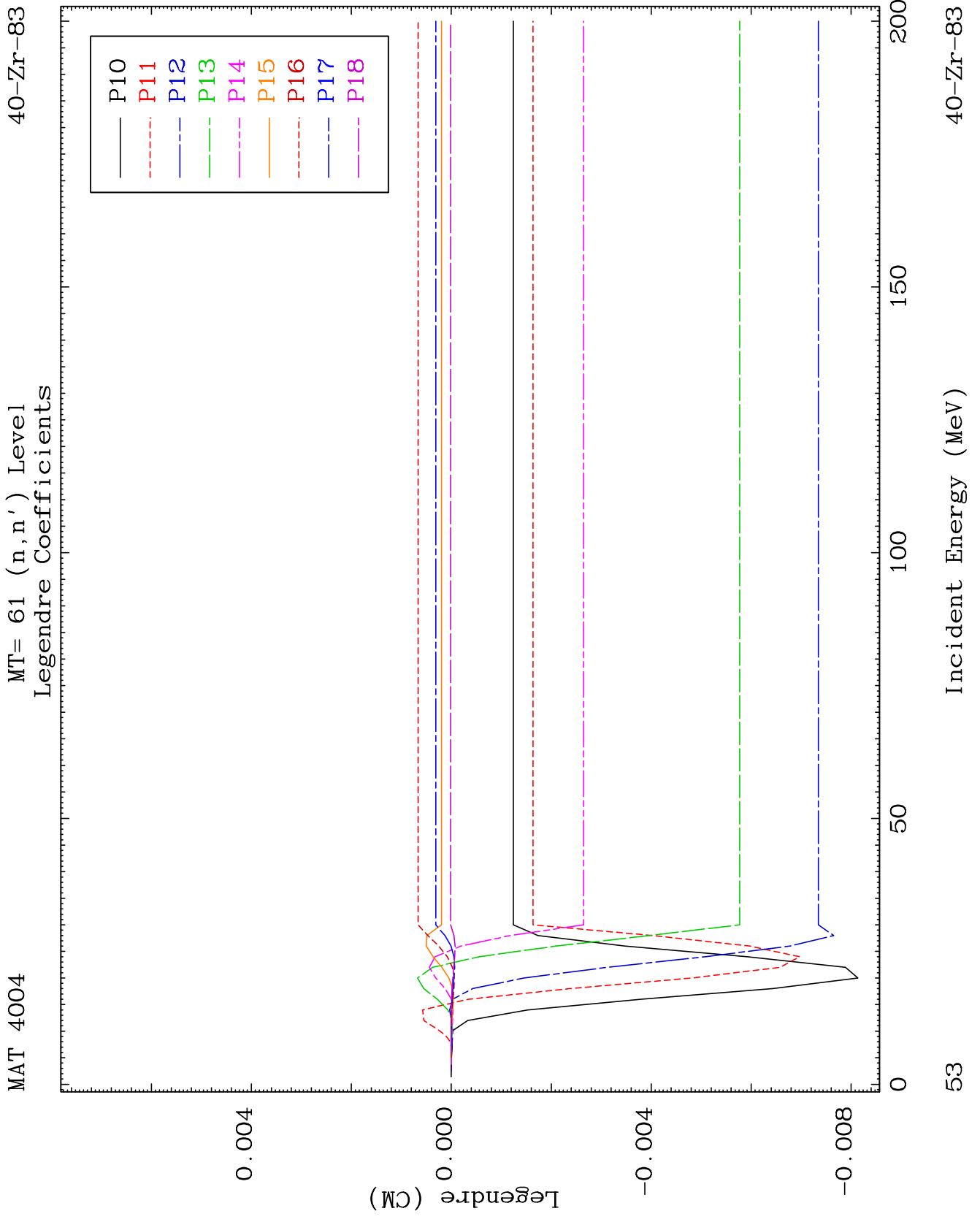








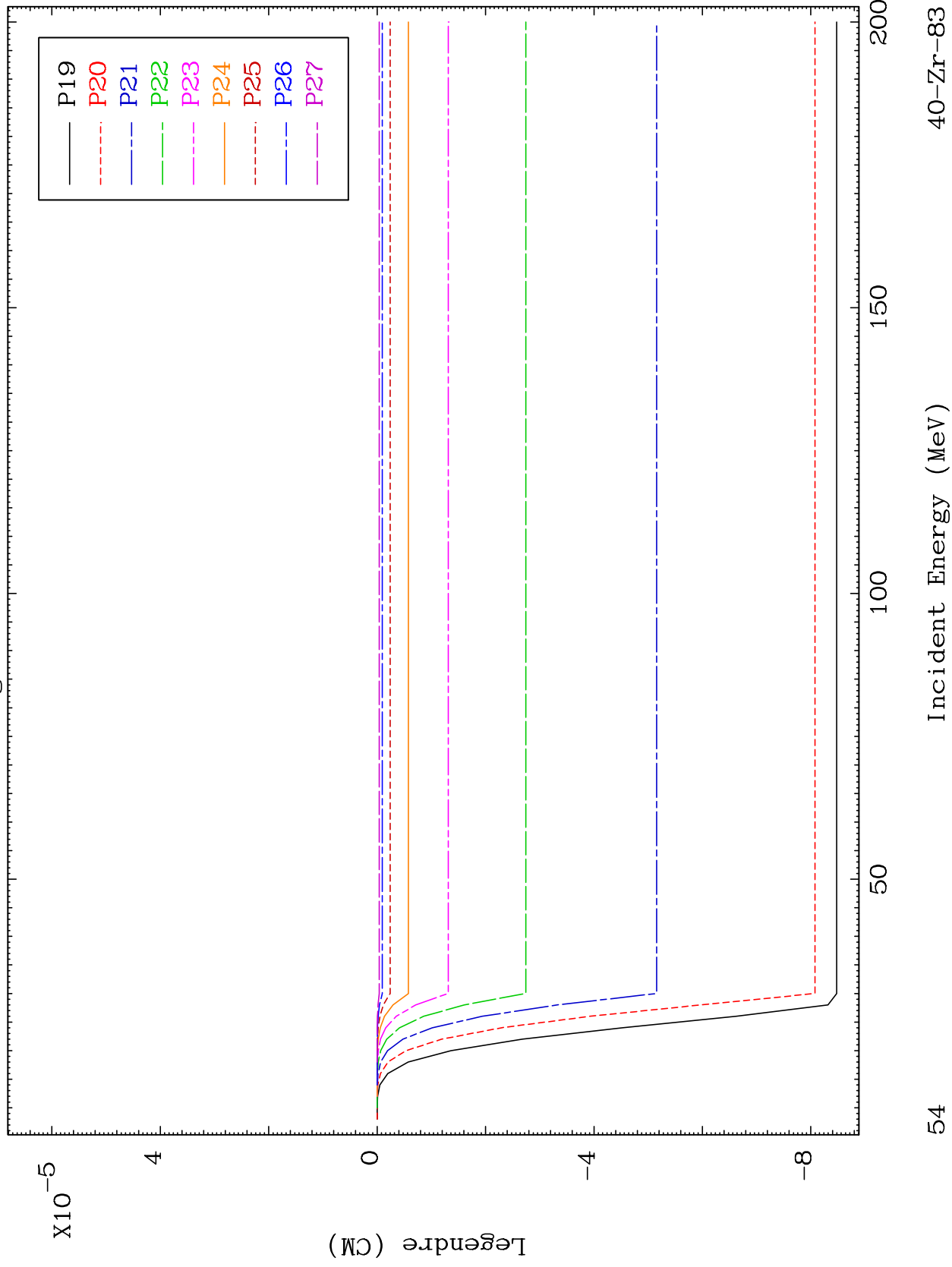




MAT 4004

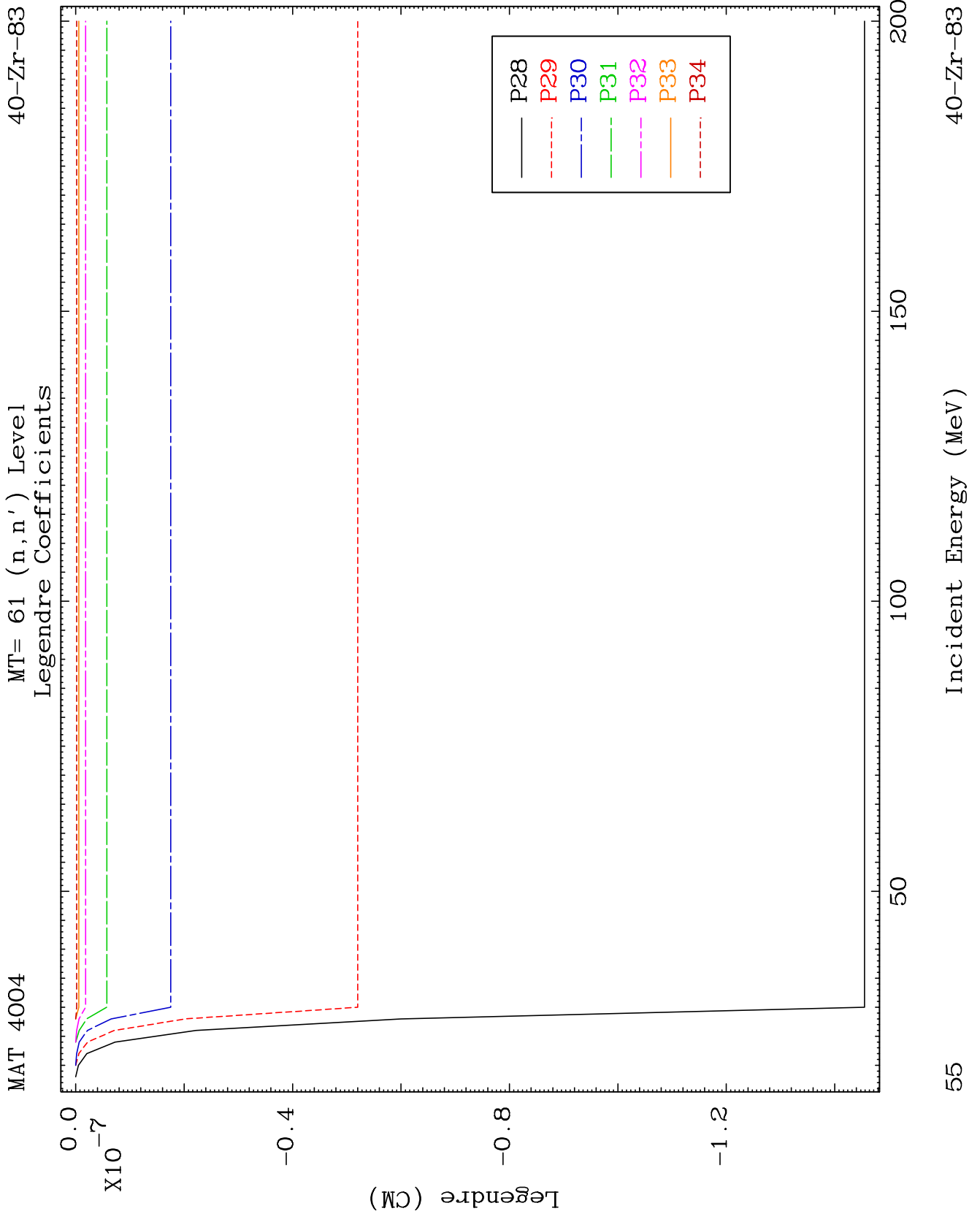
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Legendre Coefficients

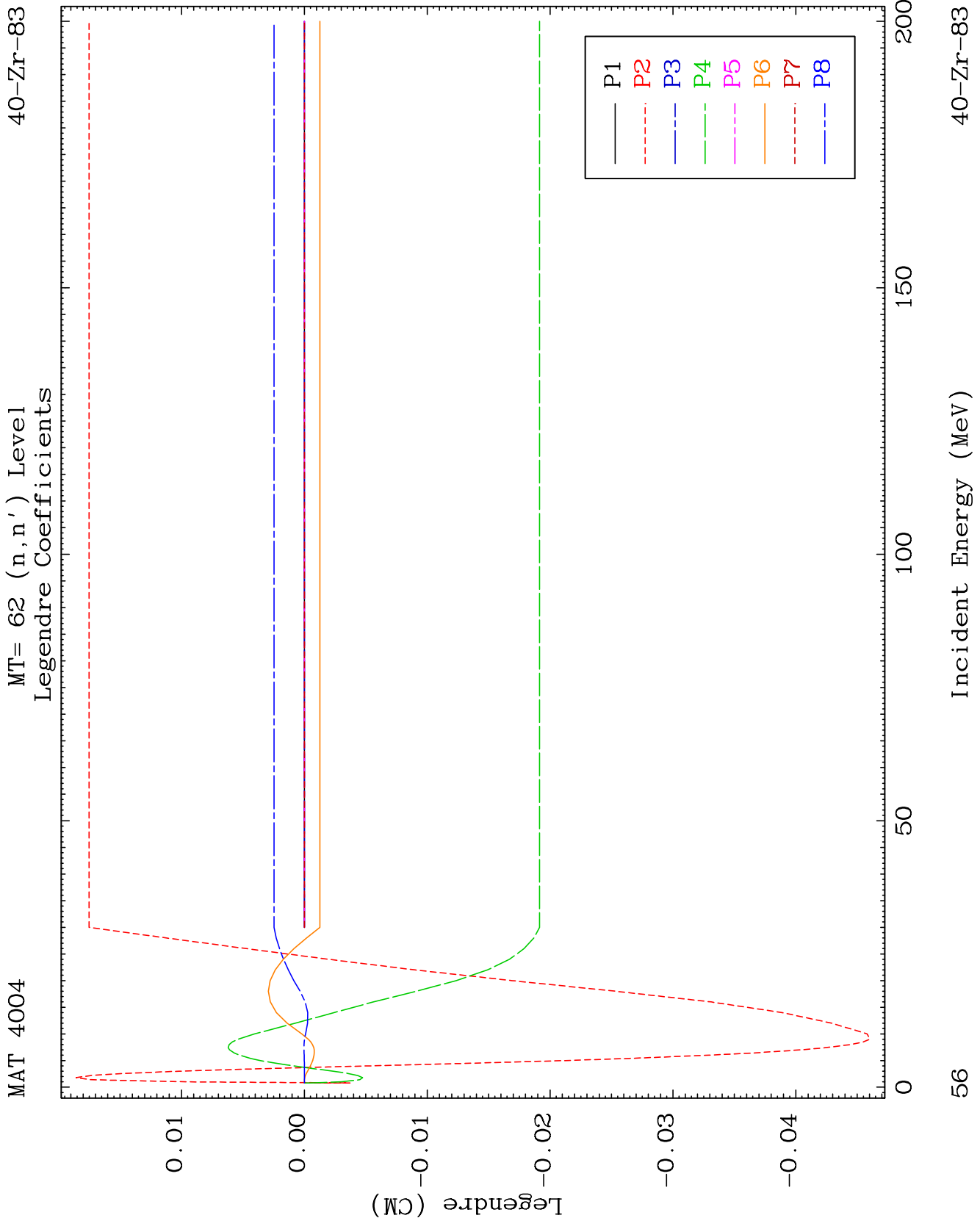
40-Zr-83



54

40-Zr-83

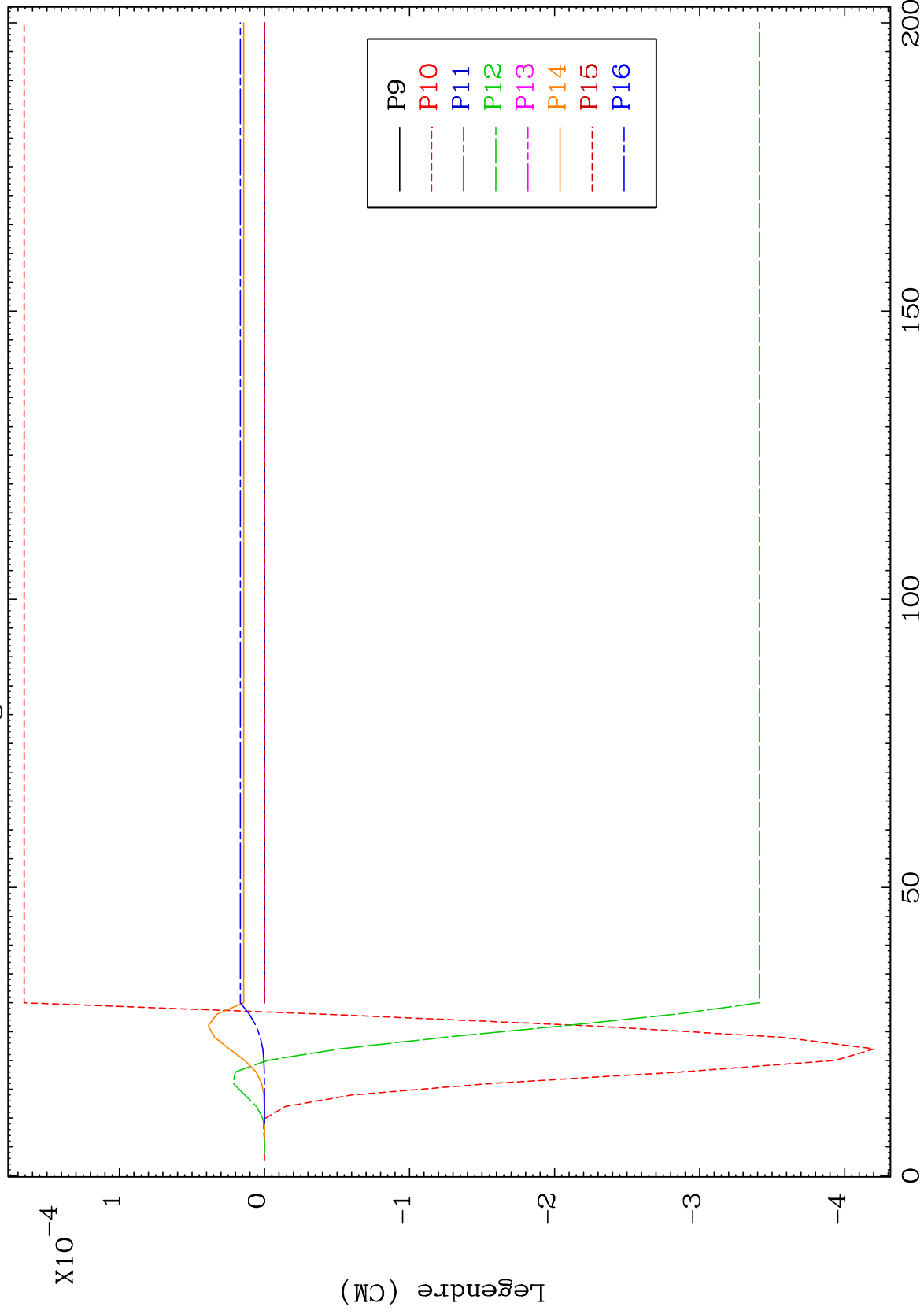




MAT 4004

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

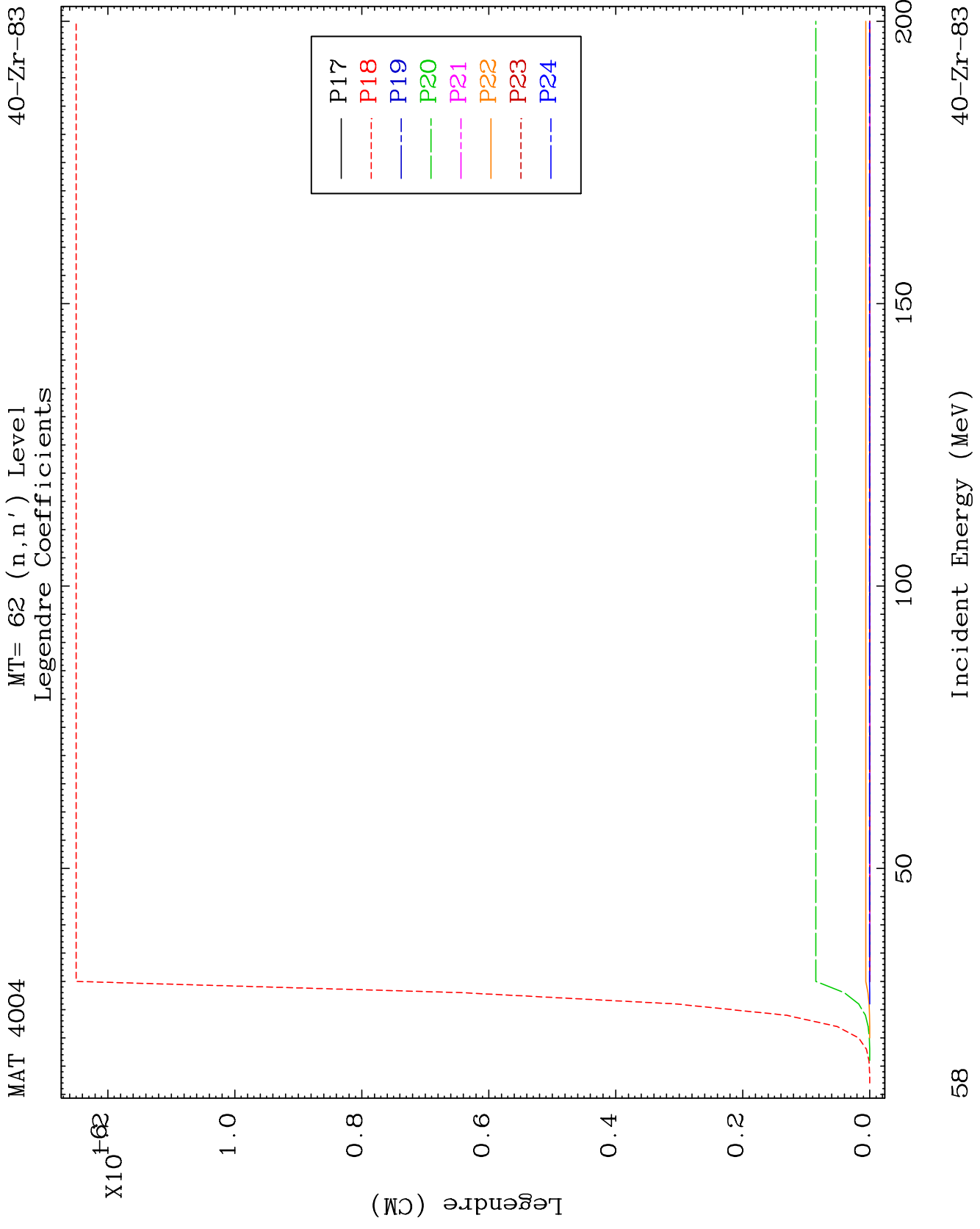
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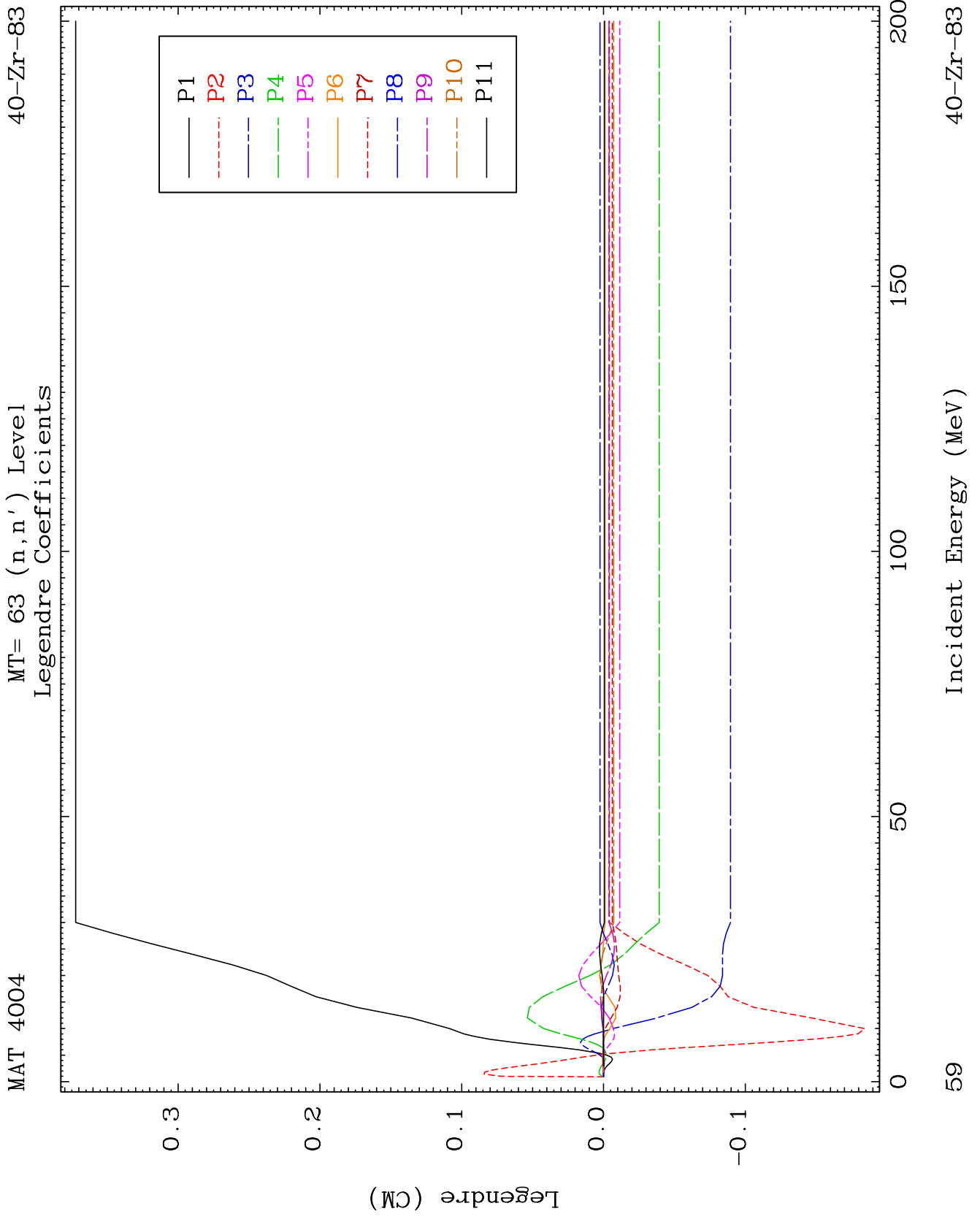


57

Incident Energy (MeV)

40-Zr-83

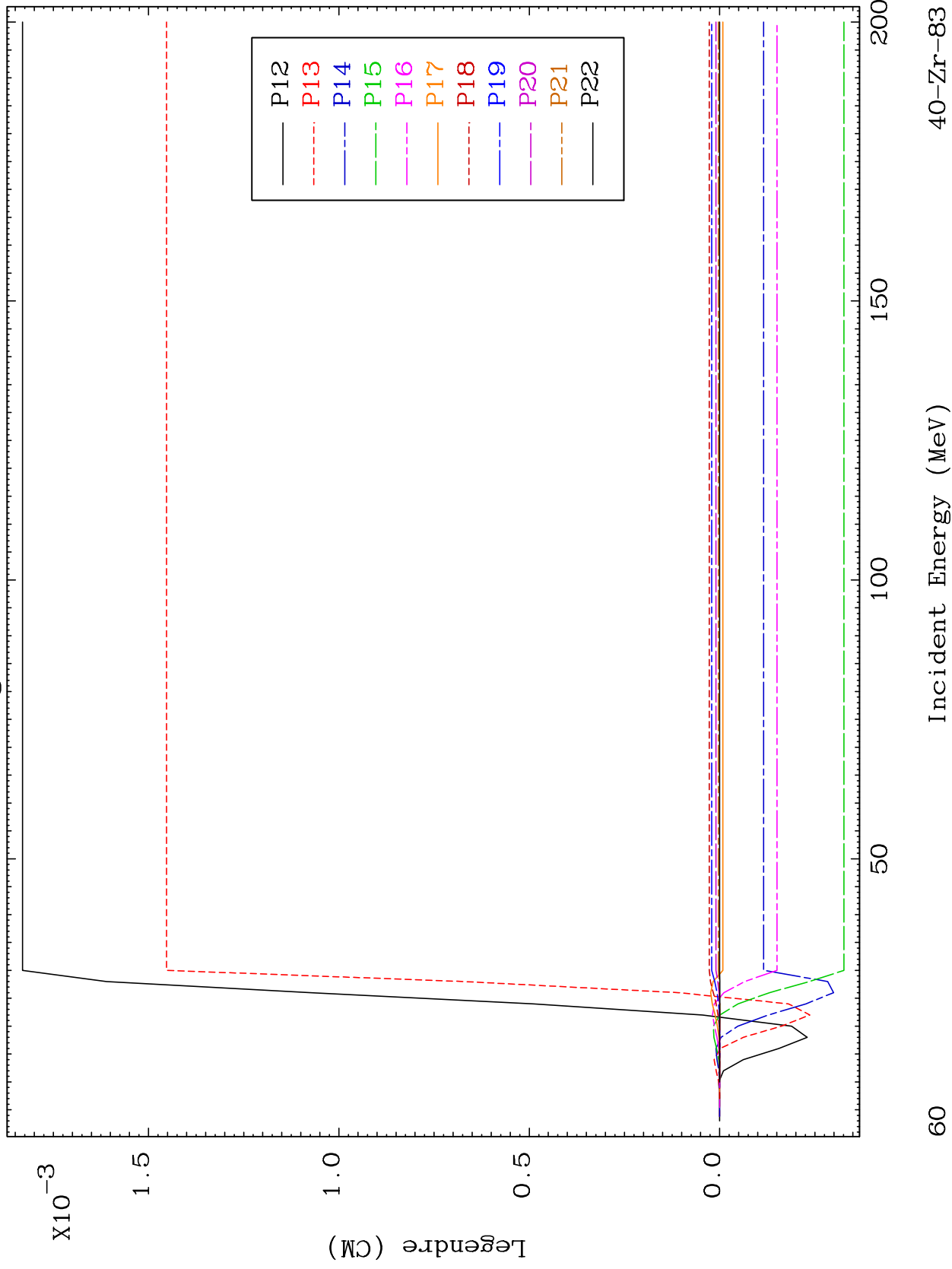




MAT 4004

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

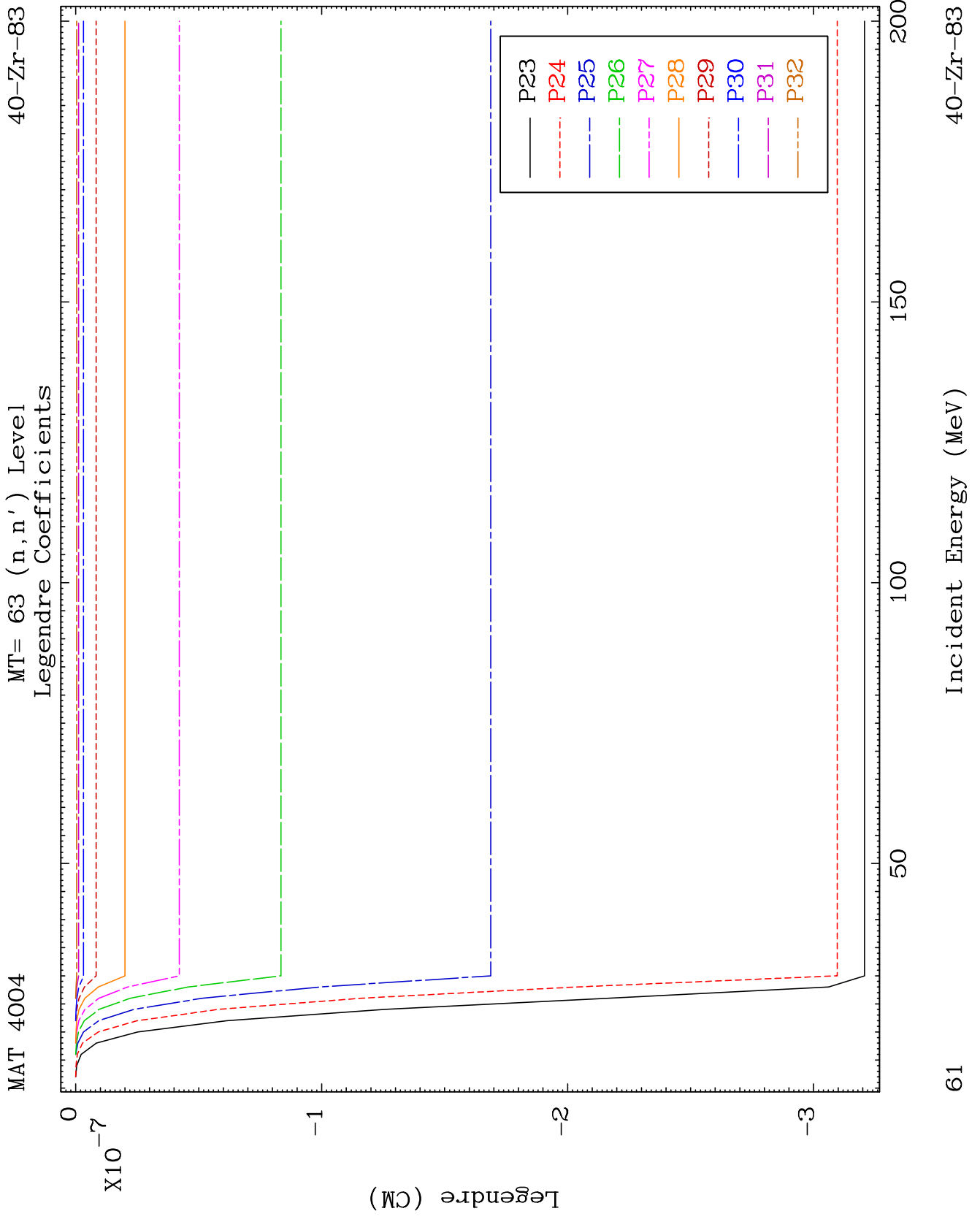
40-Zr-83



60

Incident Energy (MeV)

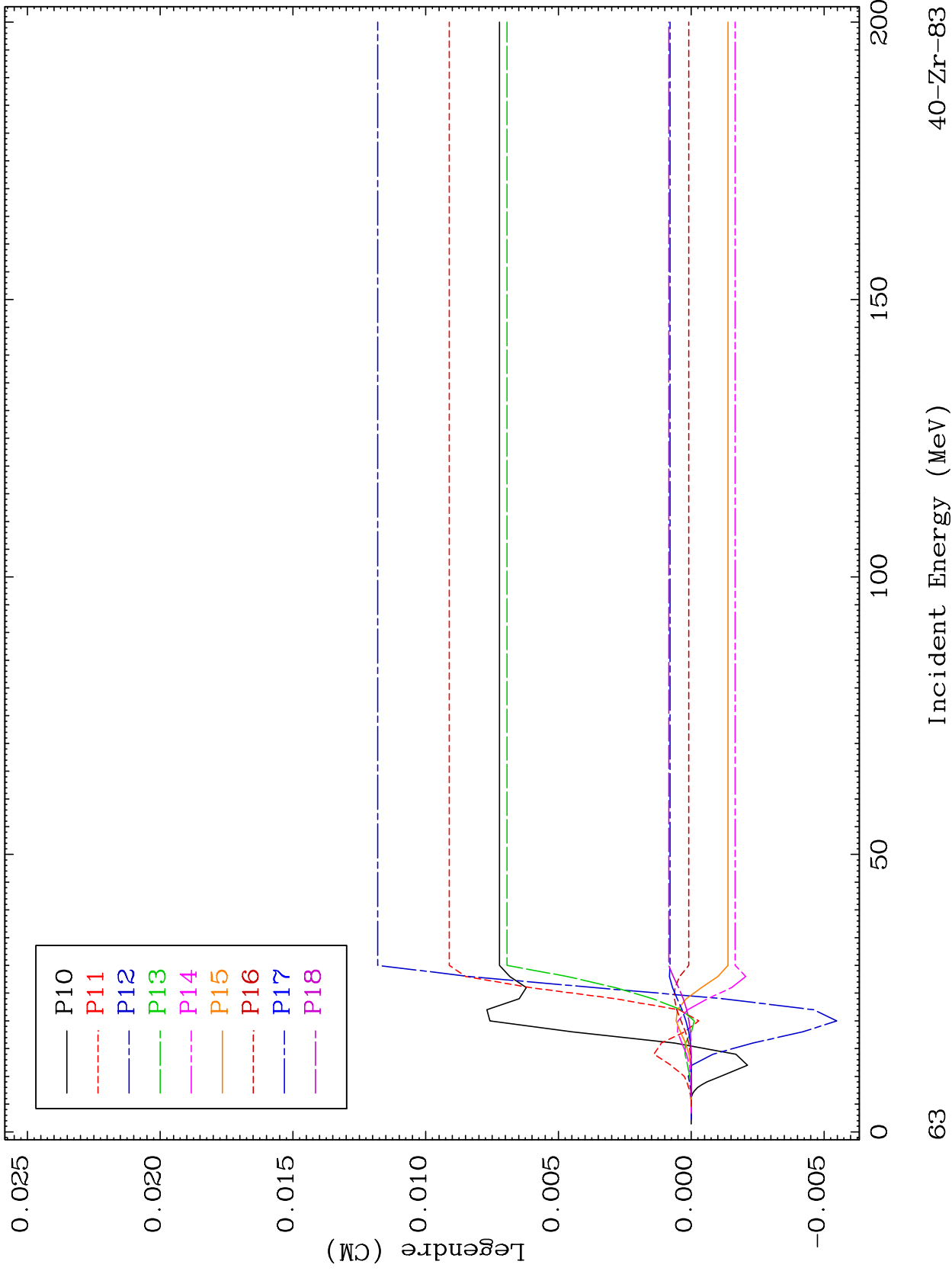
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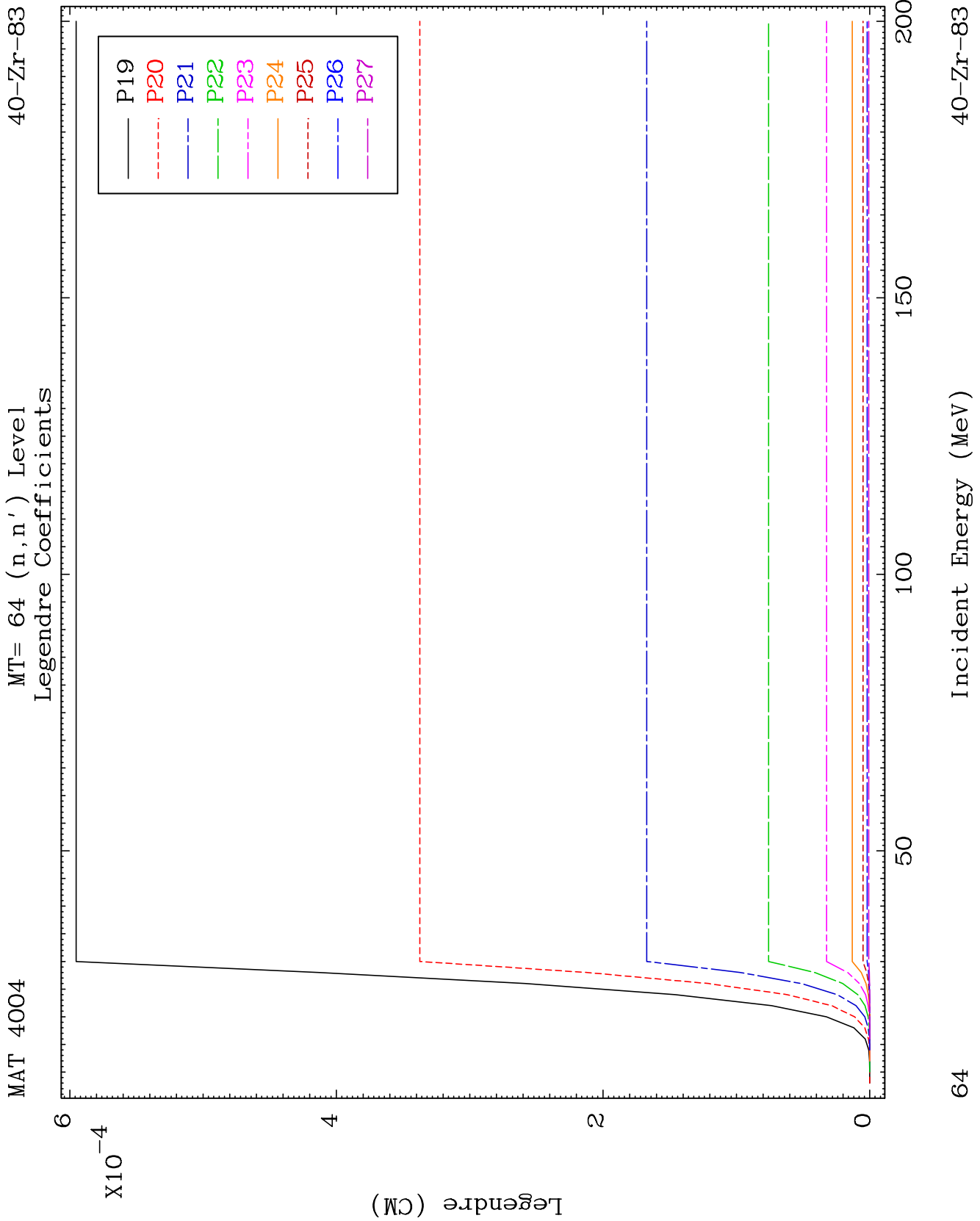


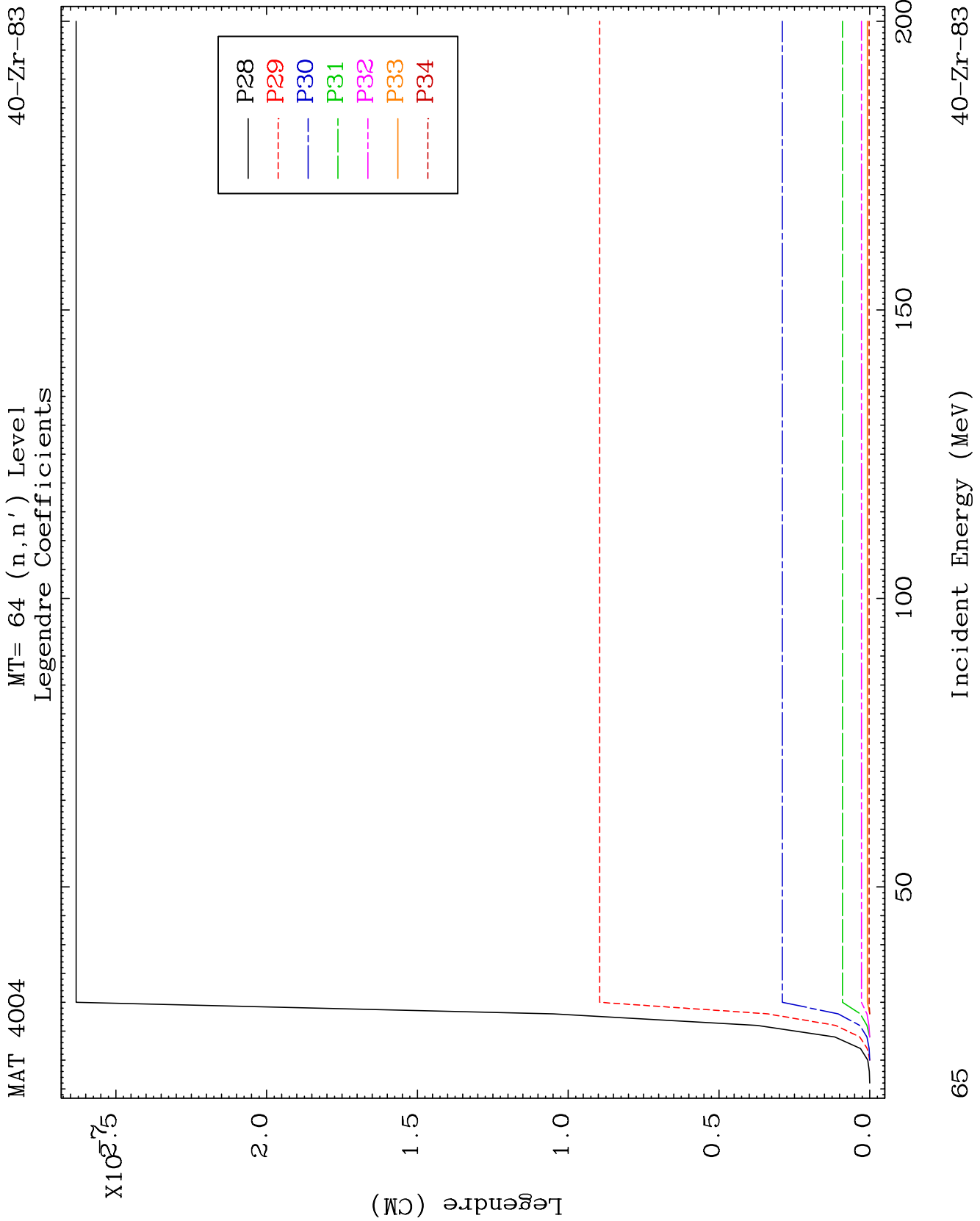
MAT 4004

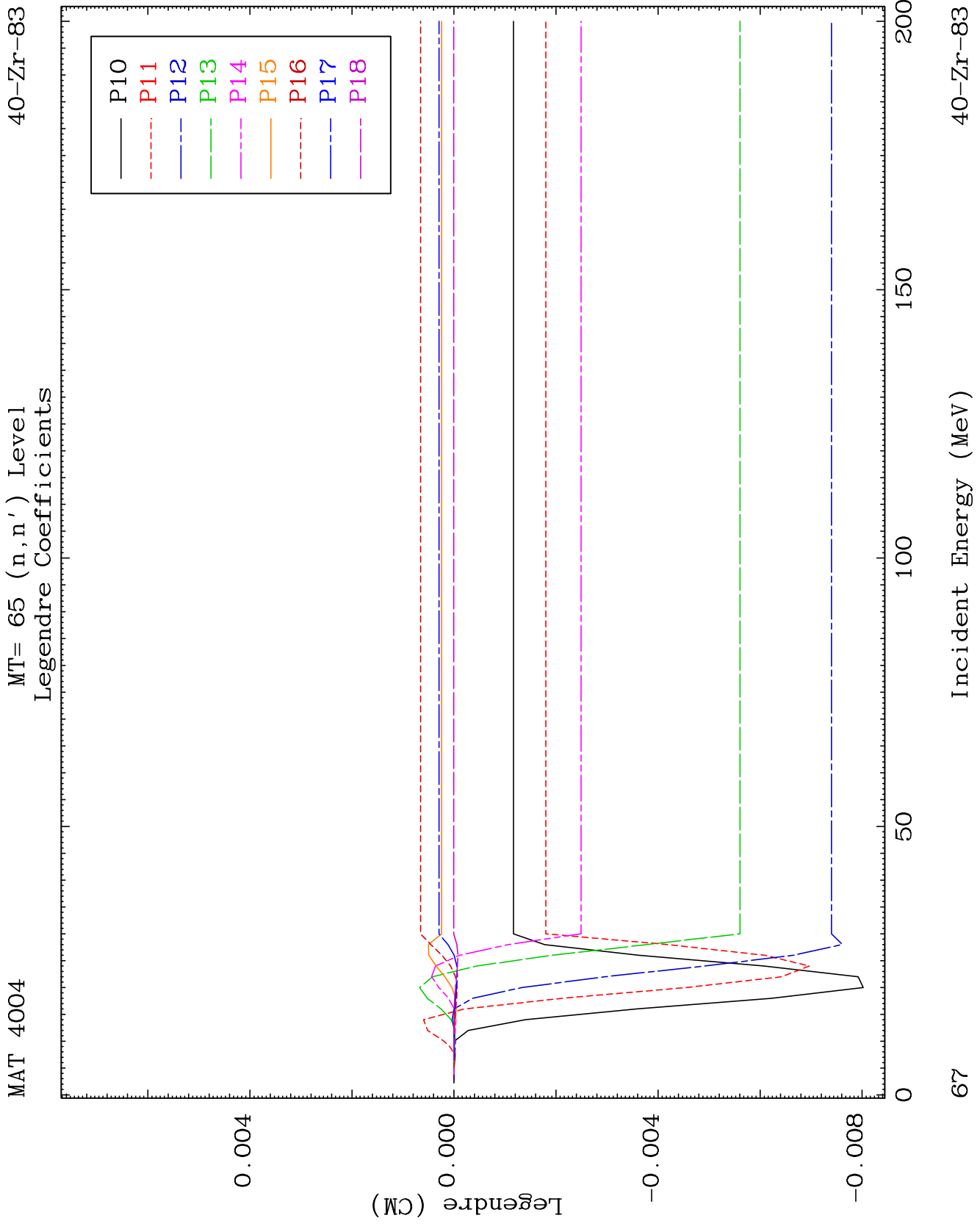
MT= 64 (n,n') Level
Legendre Coefficients

40-Zr-83





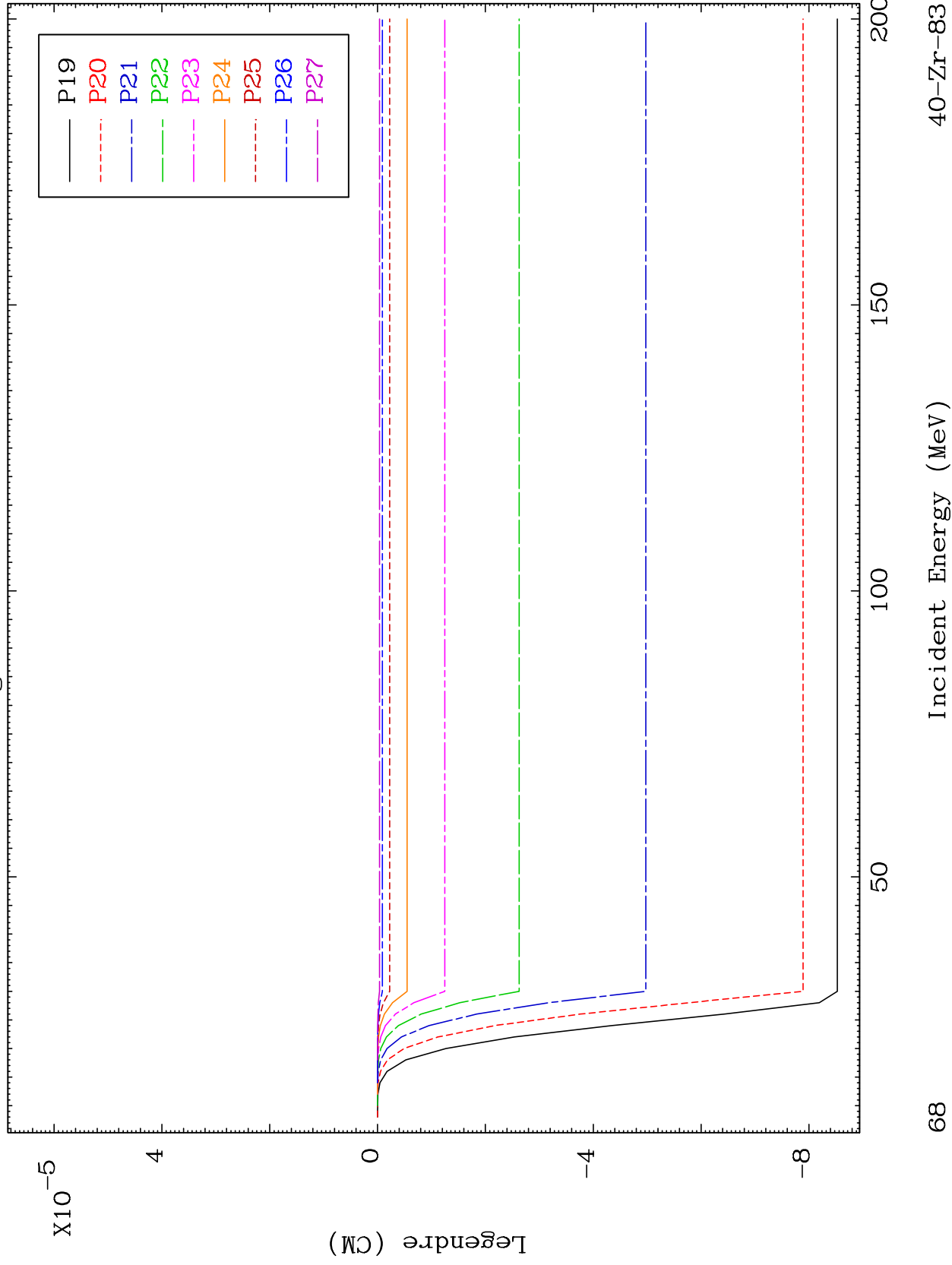




MAT 4004

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

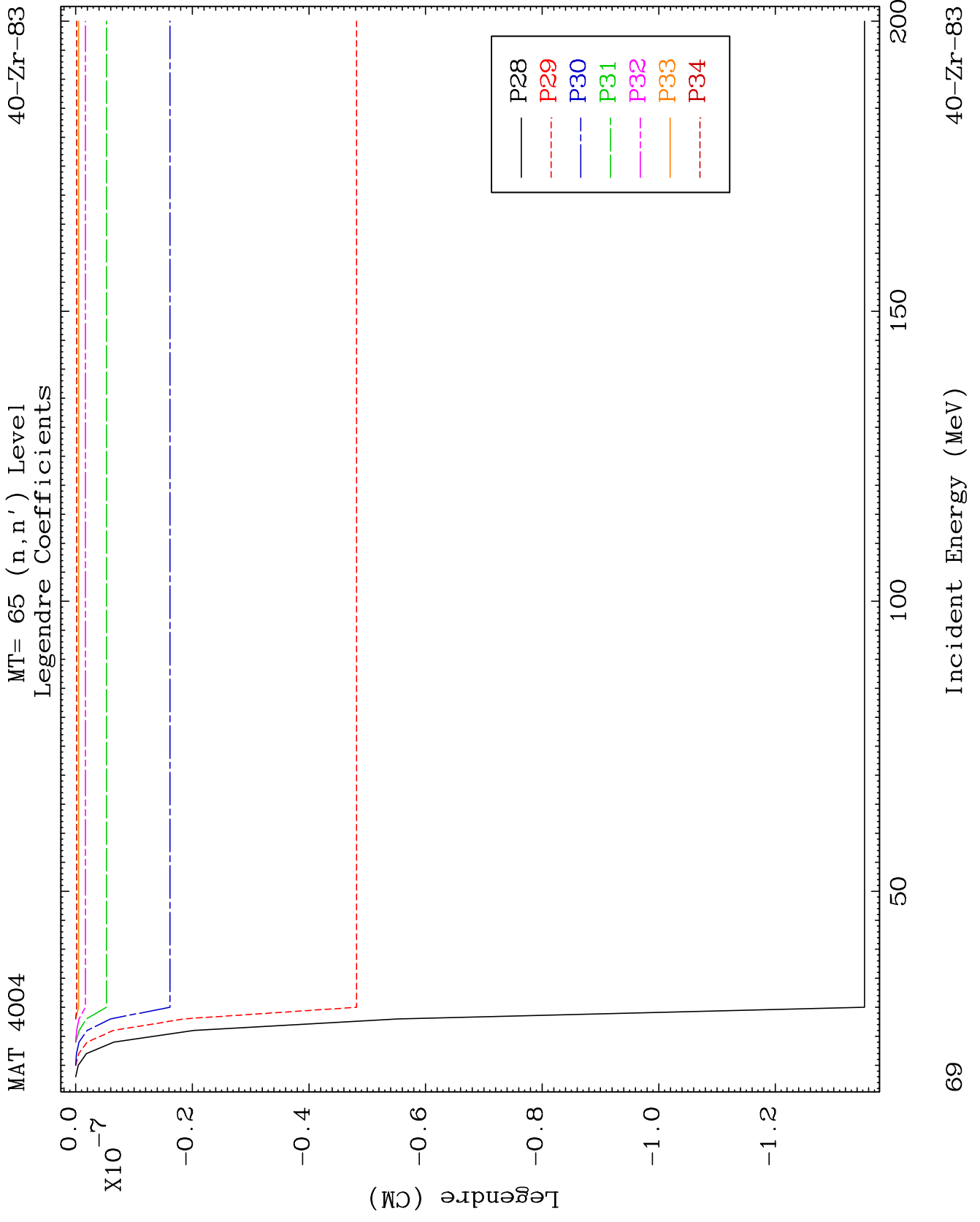
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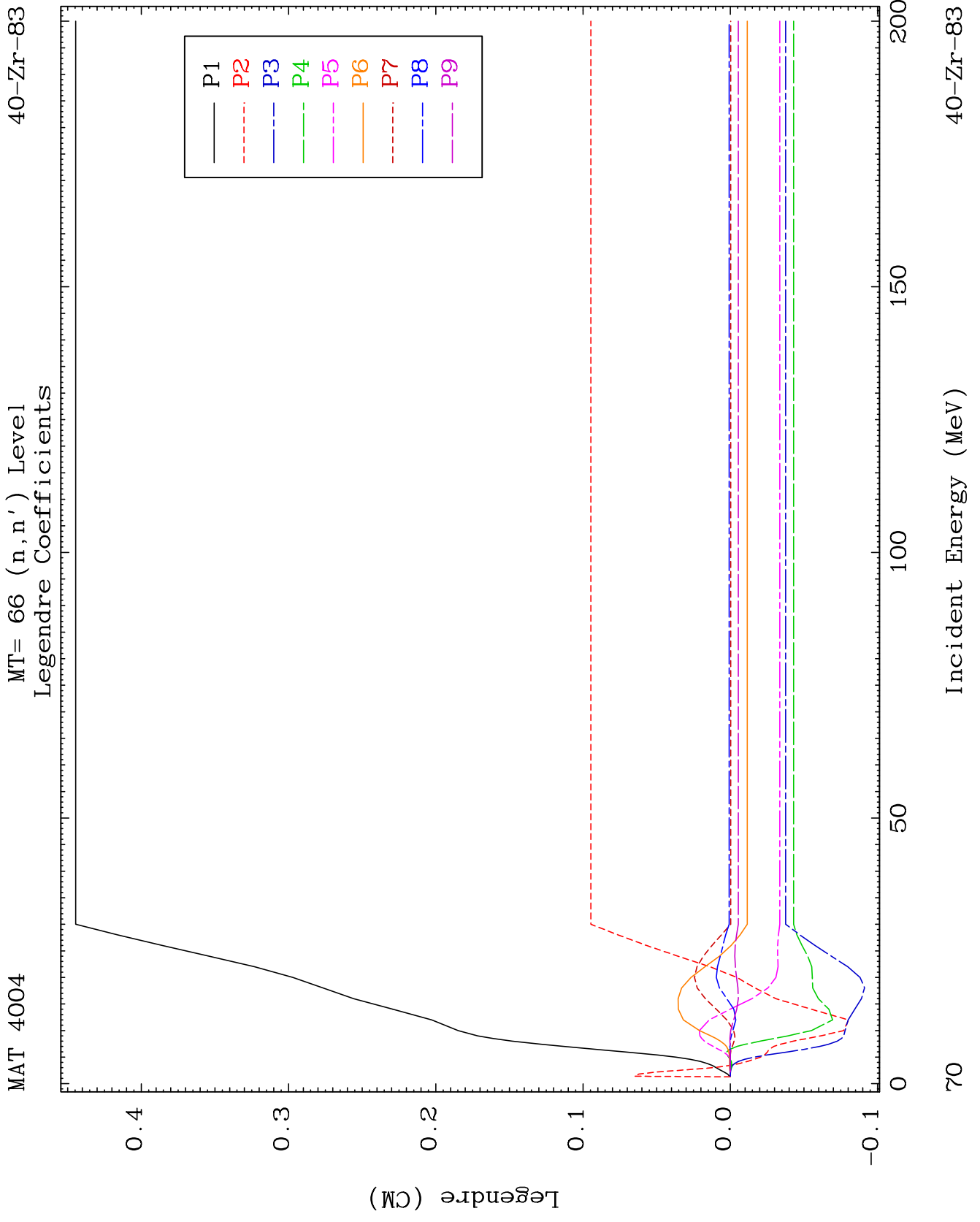


68

Incident Energy (MeV)

40-Zr-83

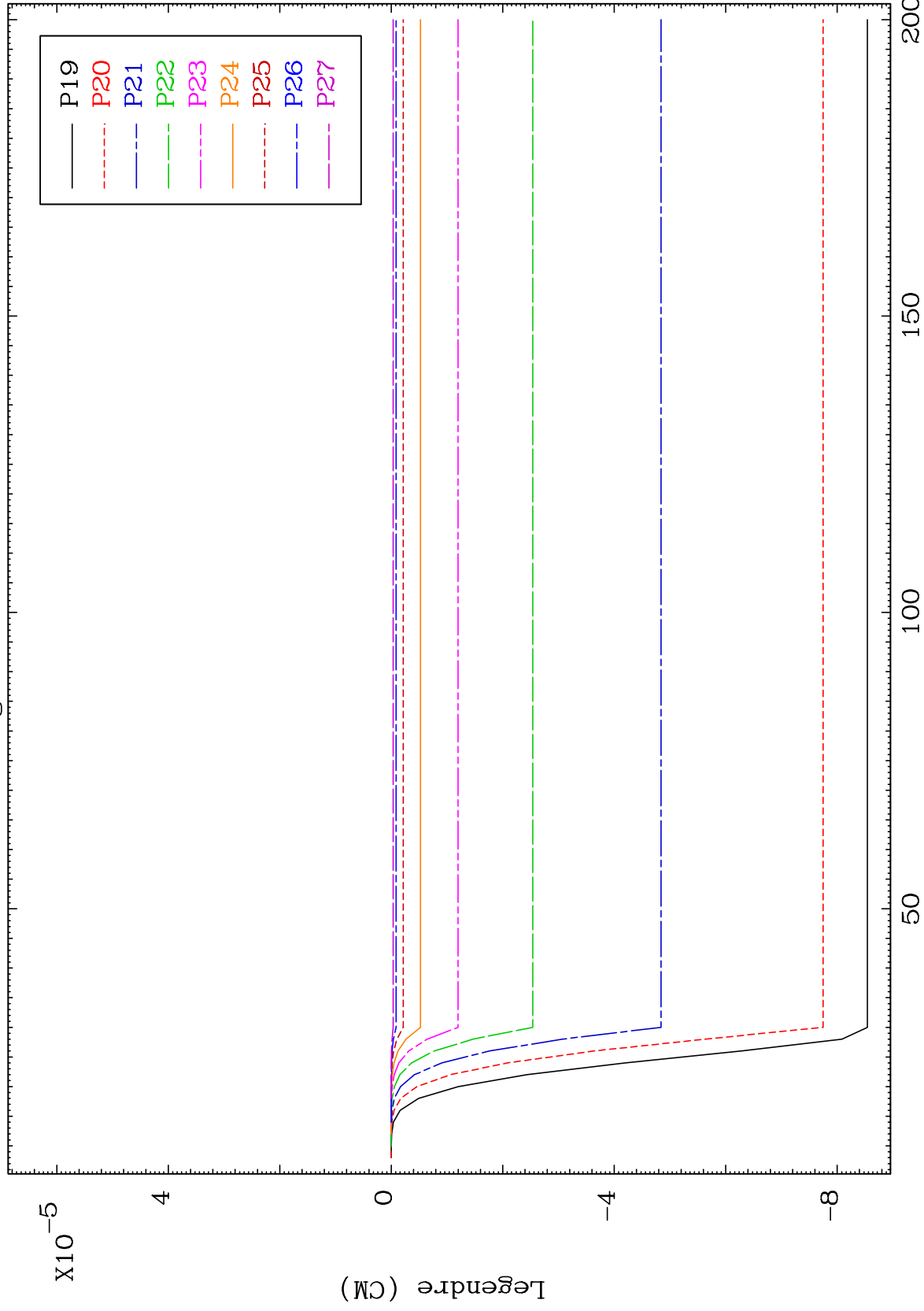




MAT 4004

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

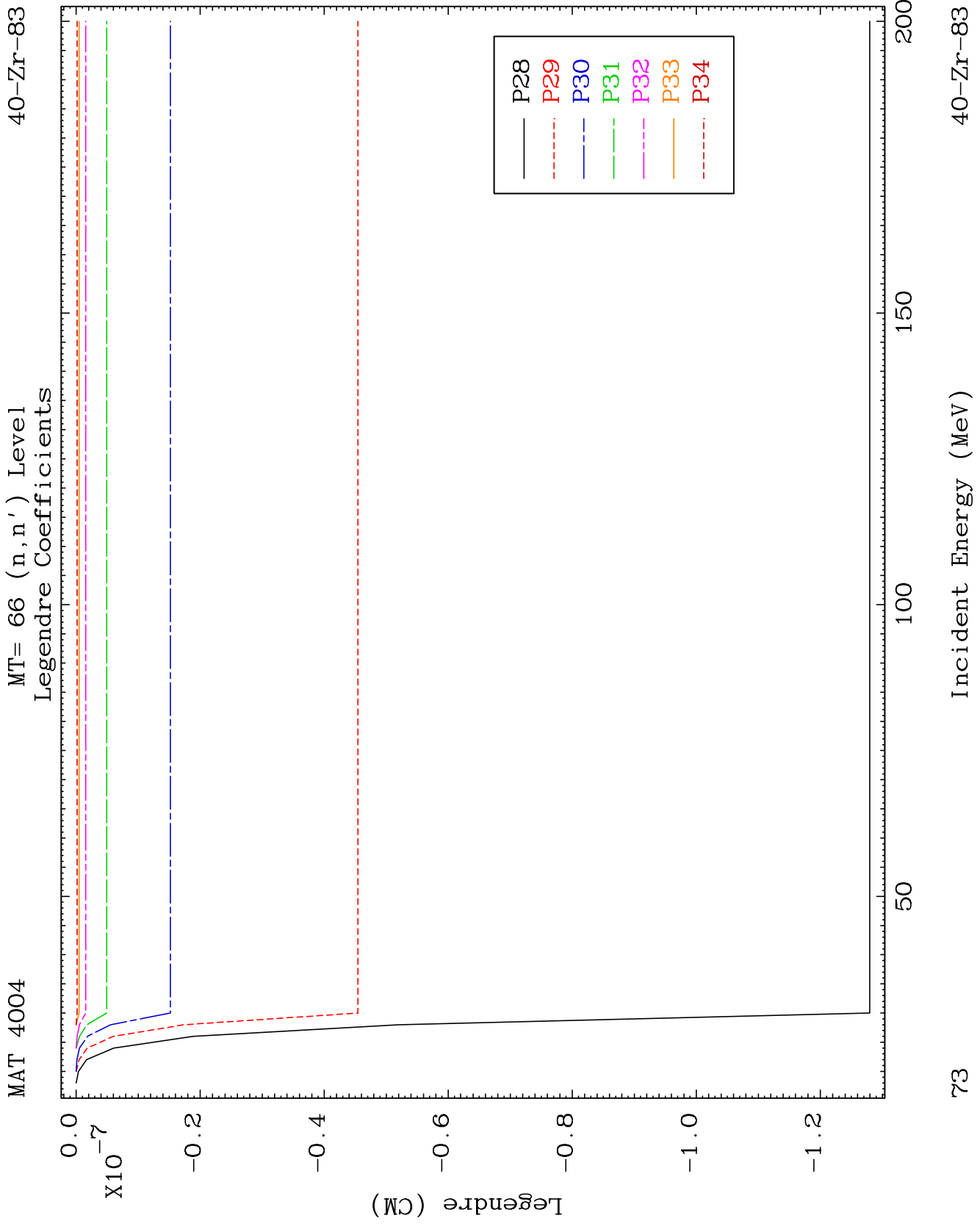
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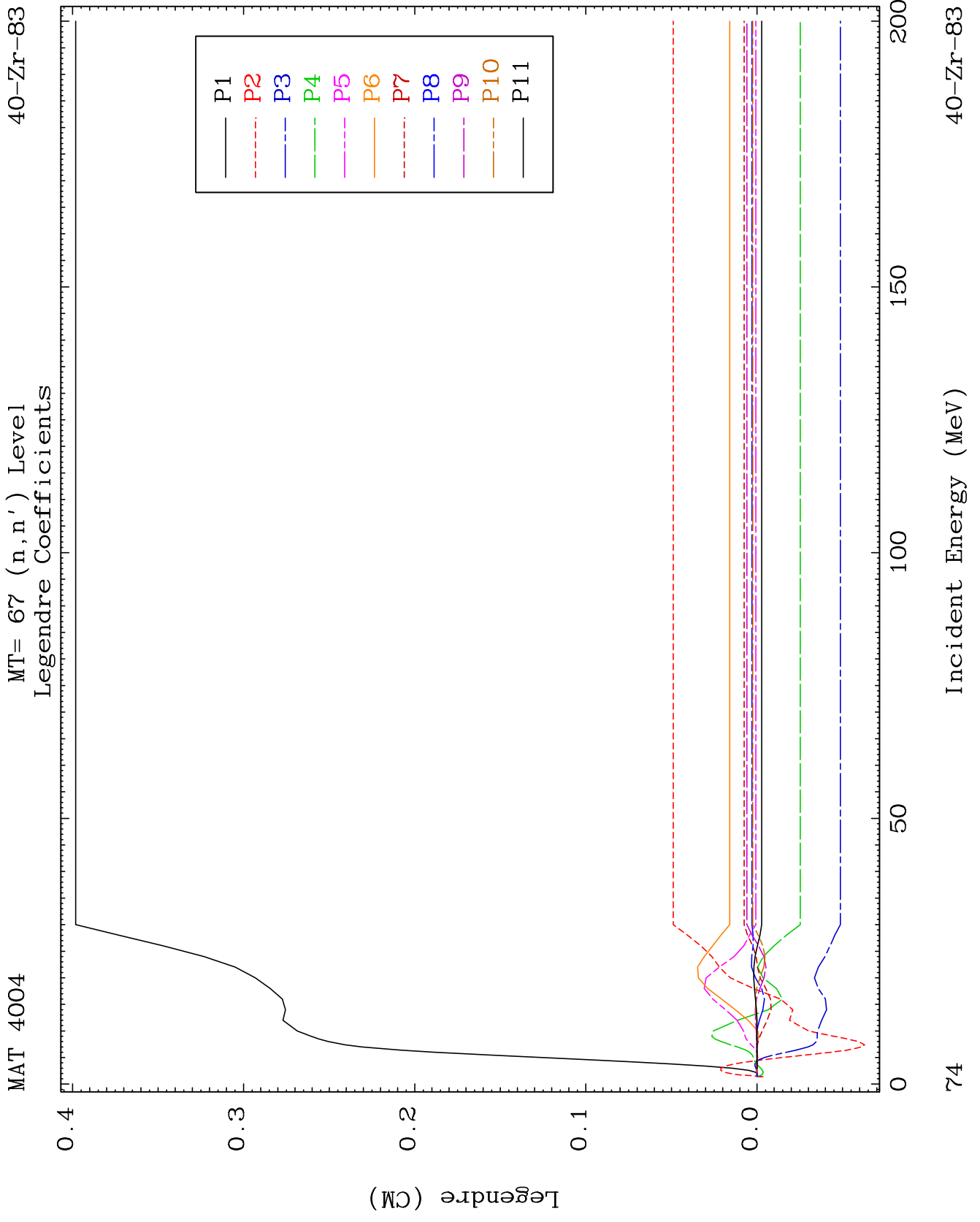


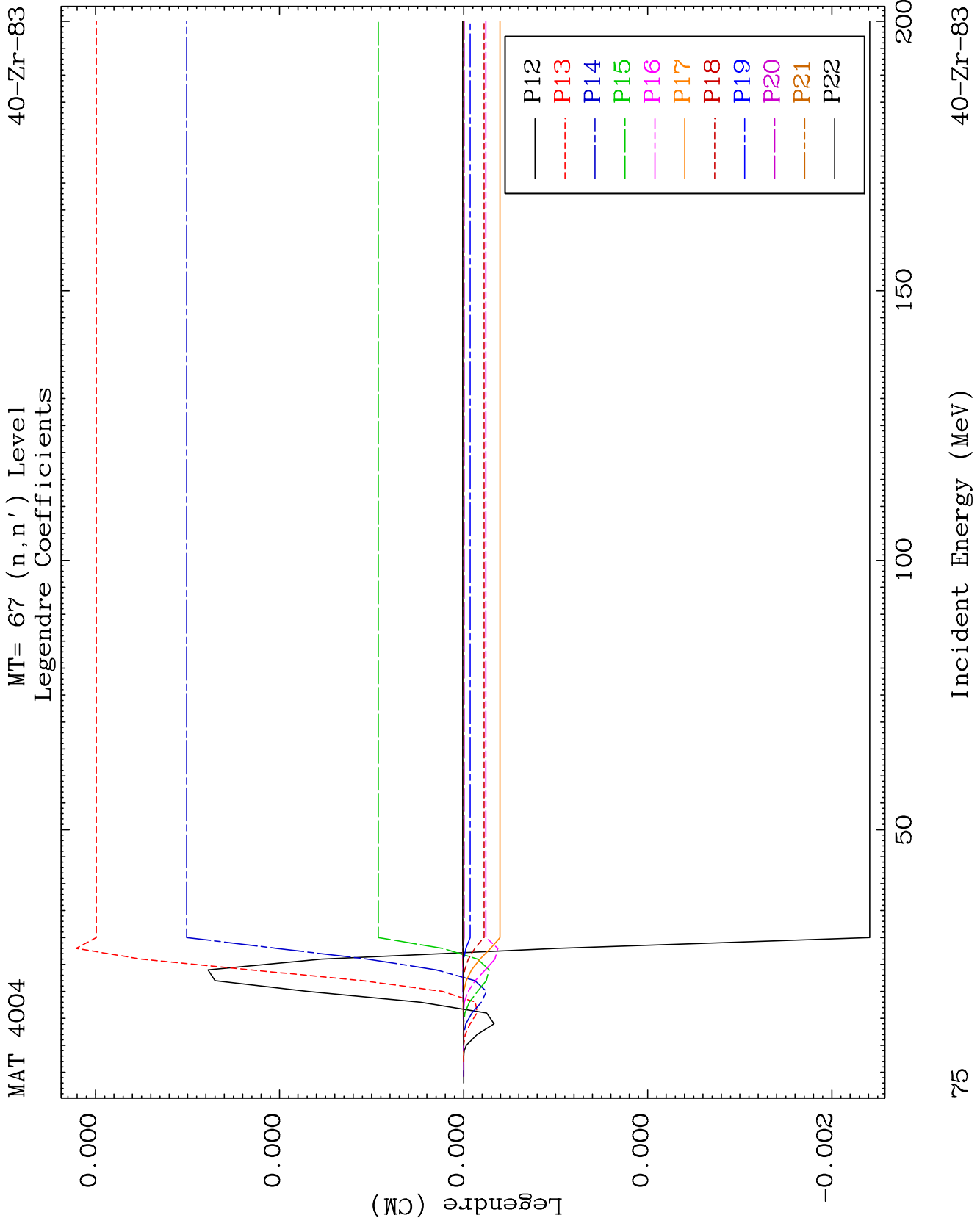
72

Incident Energy (MeV)

40-Zr-83



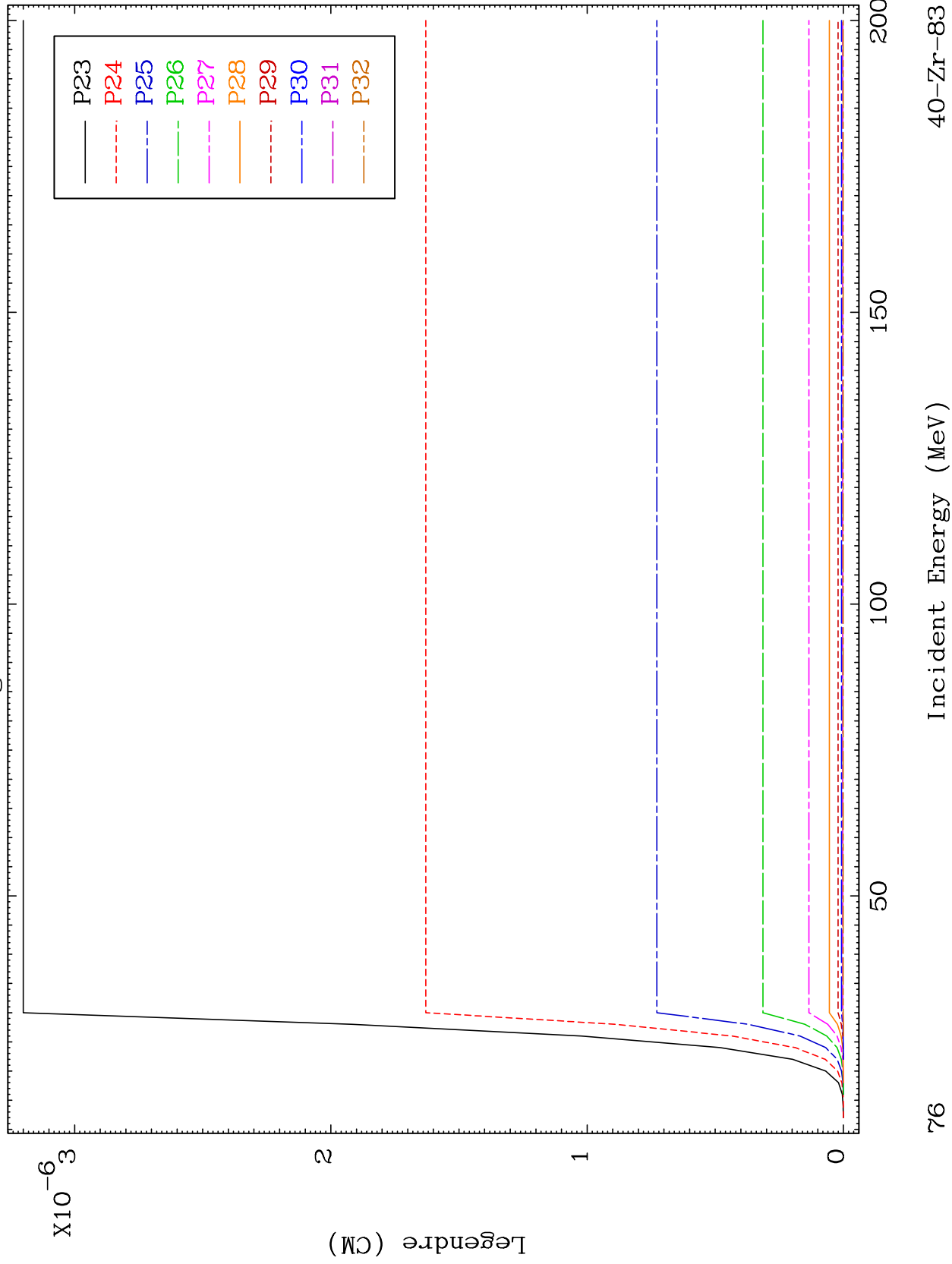




MAT 4004

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

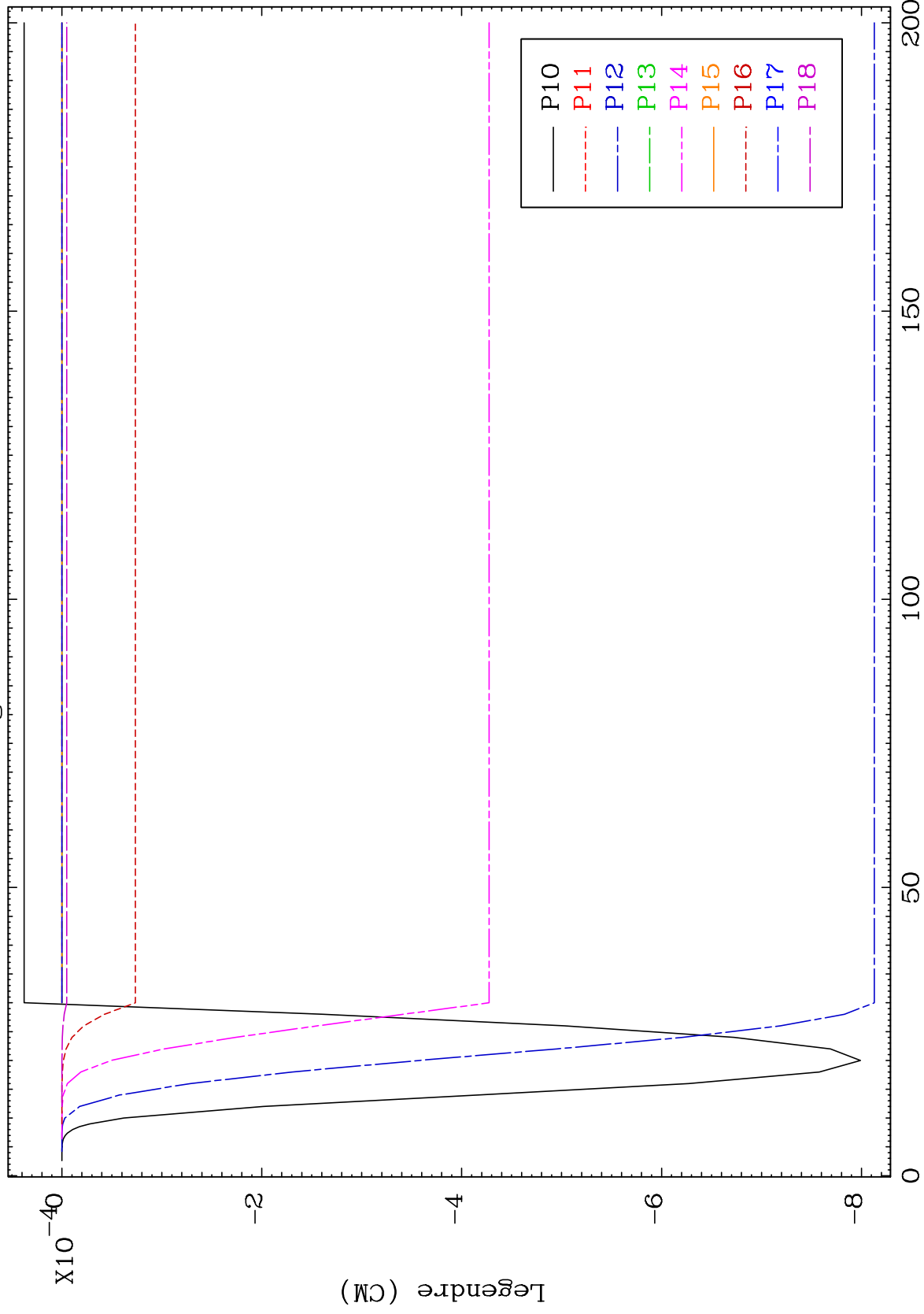
40-Zr-83



MAT 4004

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

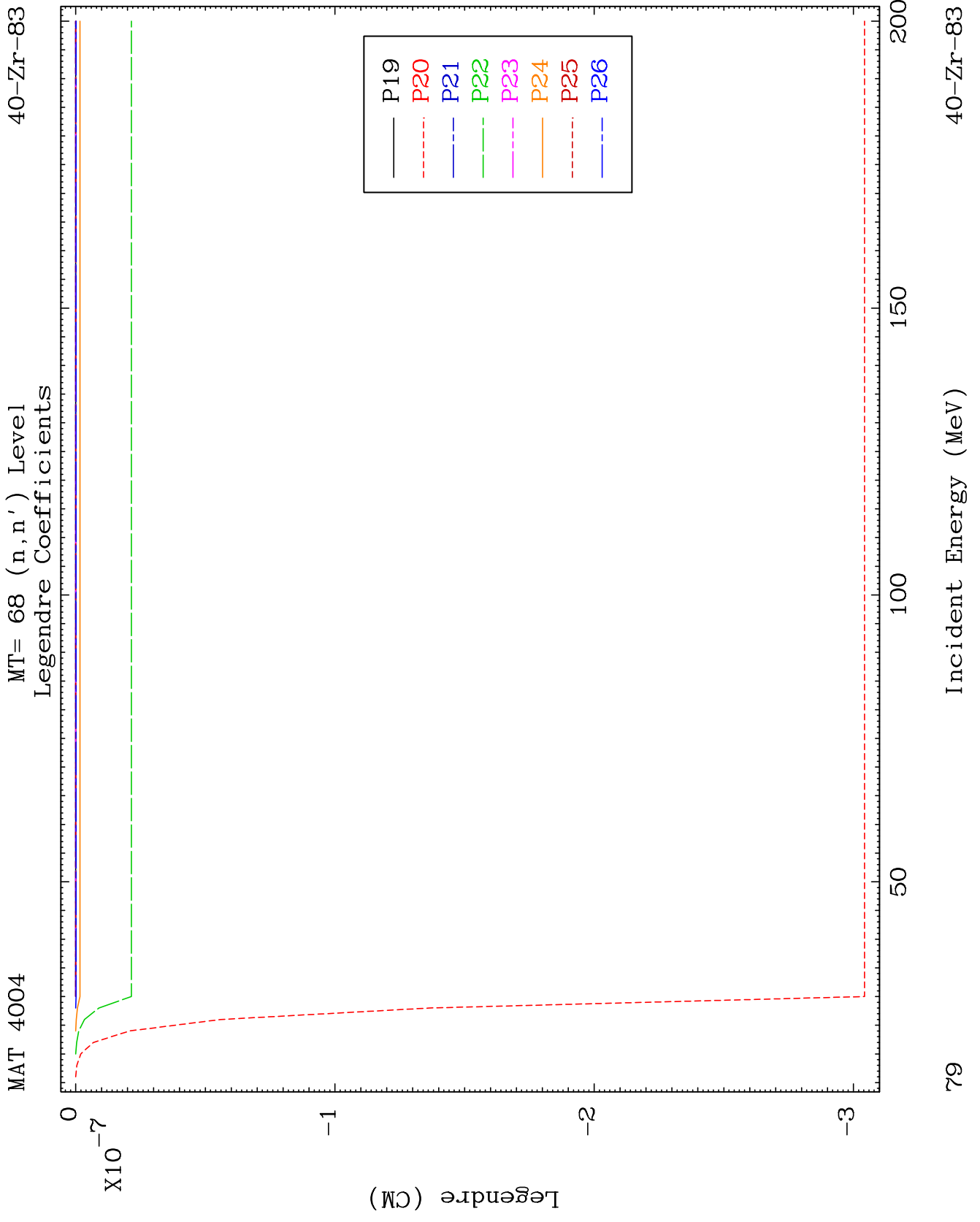
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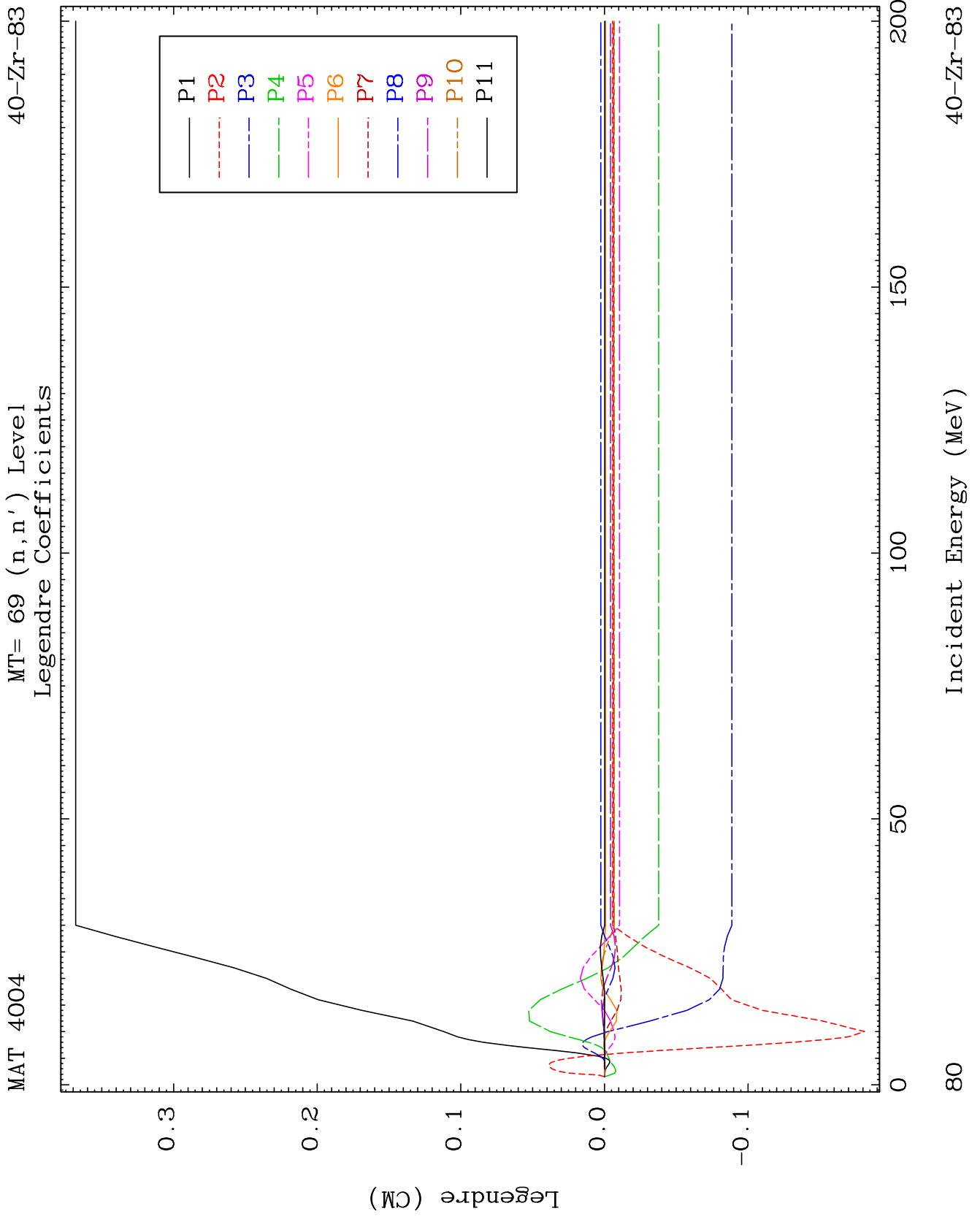


78

Incident Energy (MeV)

40-Zr-83

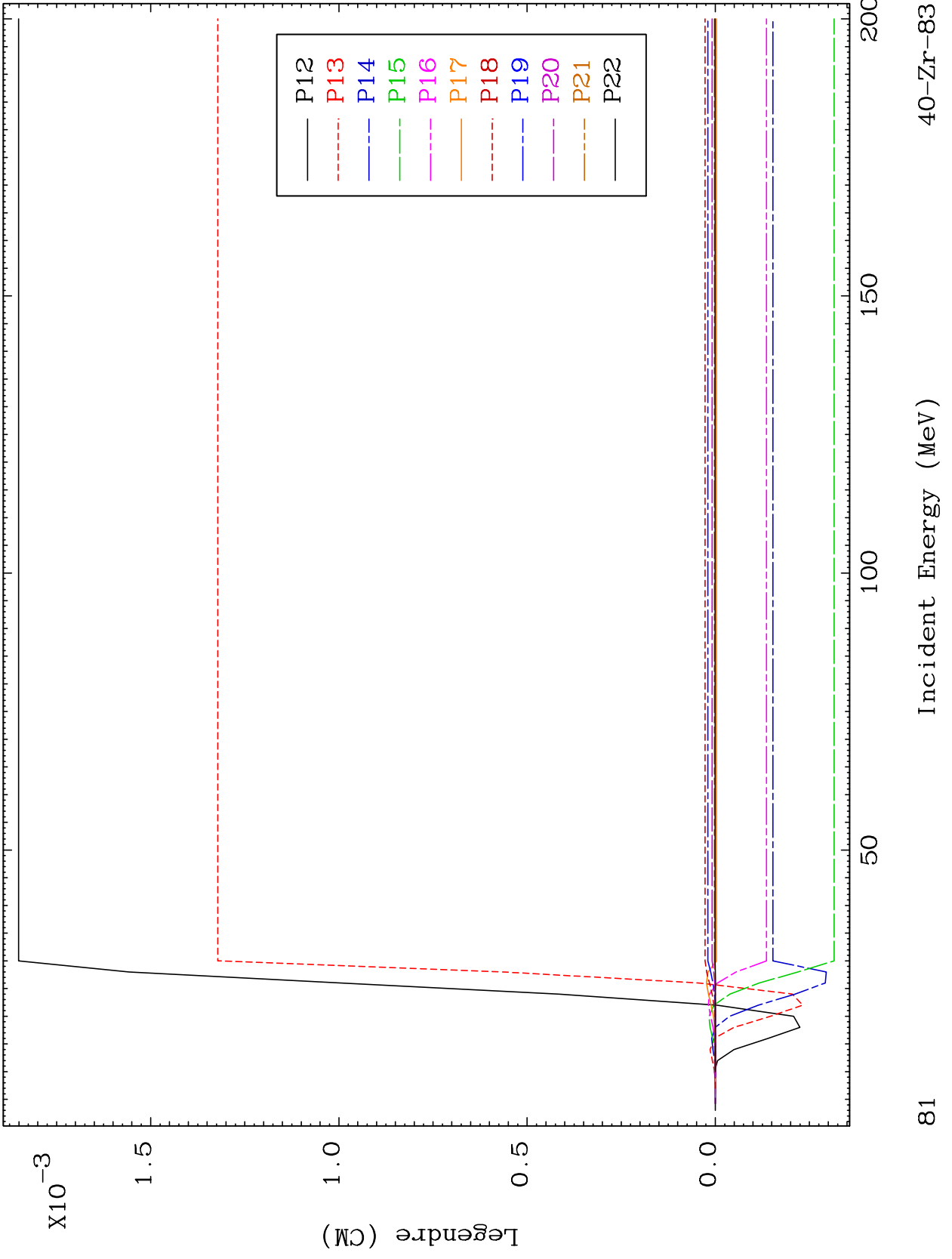


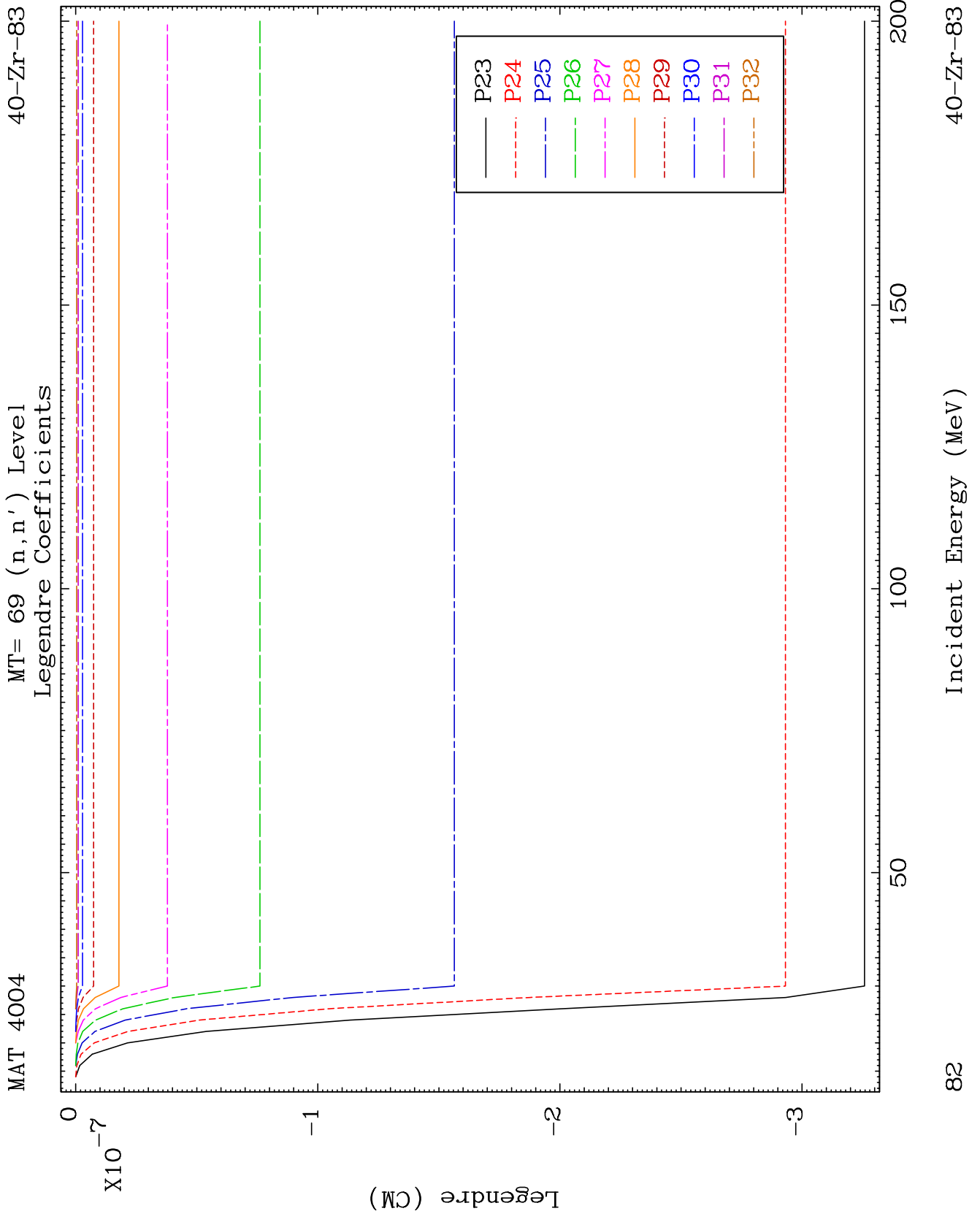


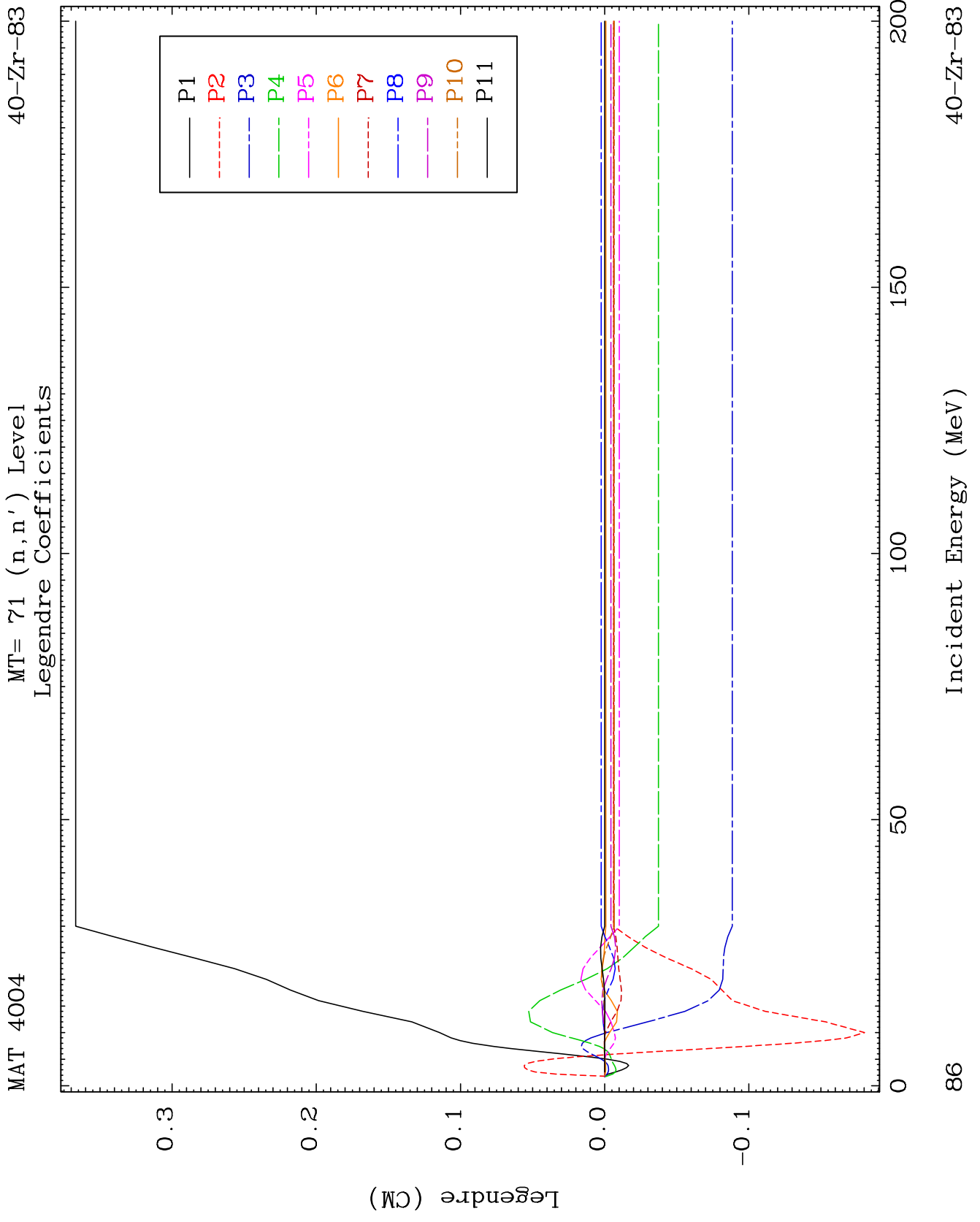
MAT 4004

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

40-Zr-83



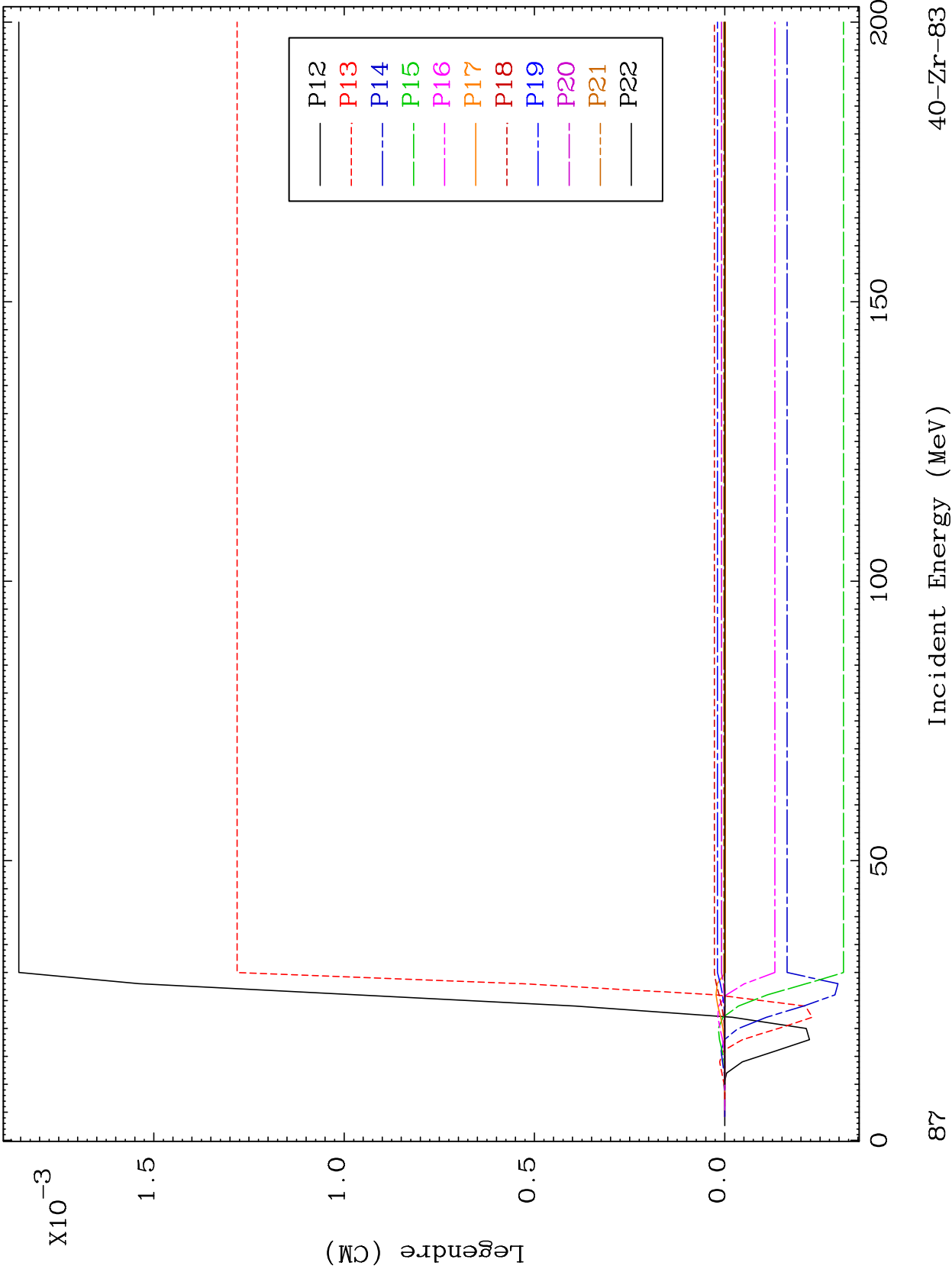




MAT 4004

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

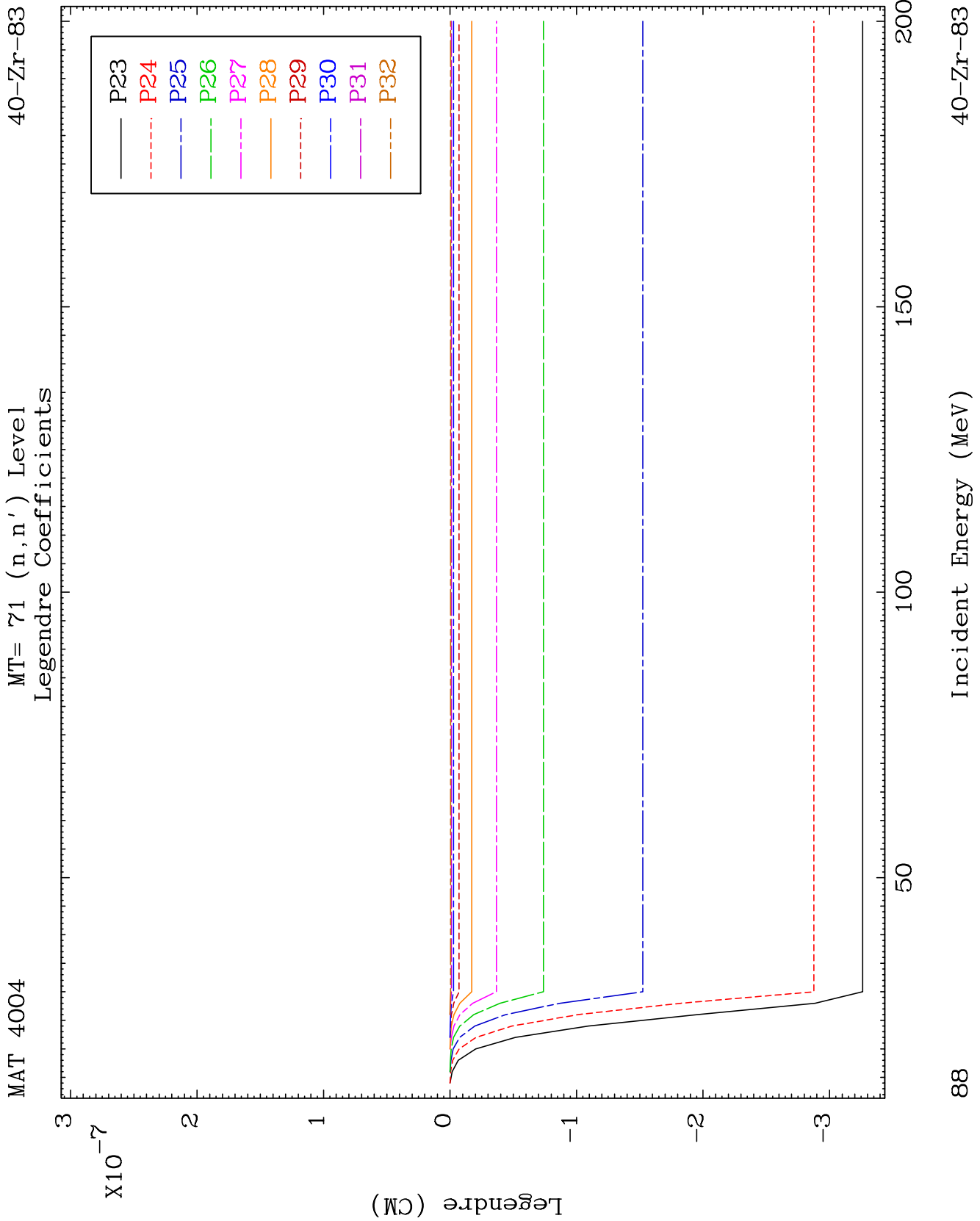
40-Zr-83



87

Incident Energy (MeV)

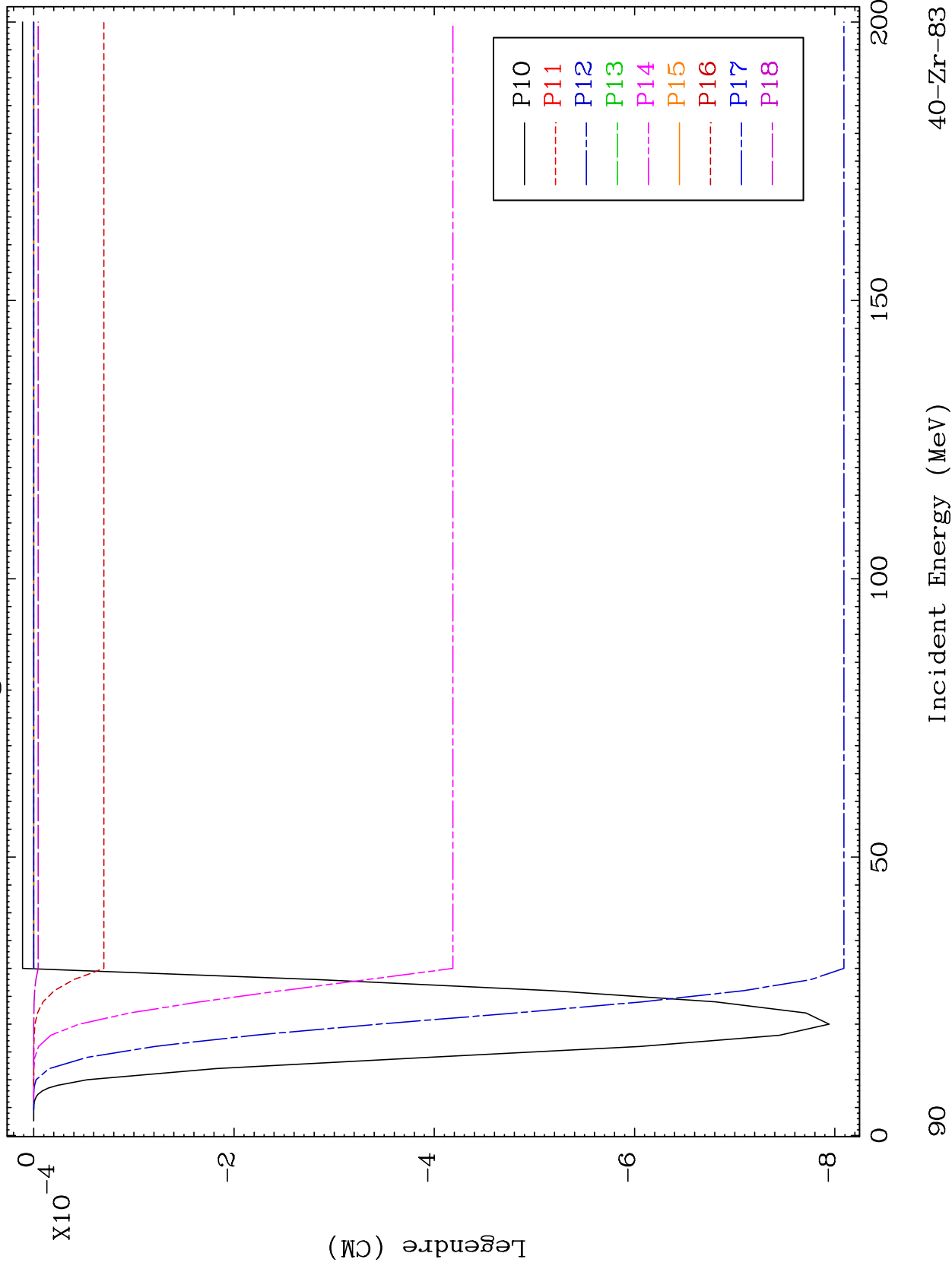
40-Zr-83



MAT 4004

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

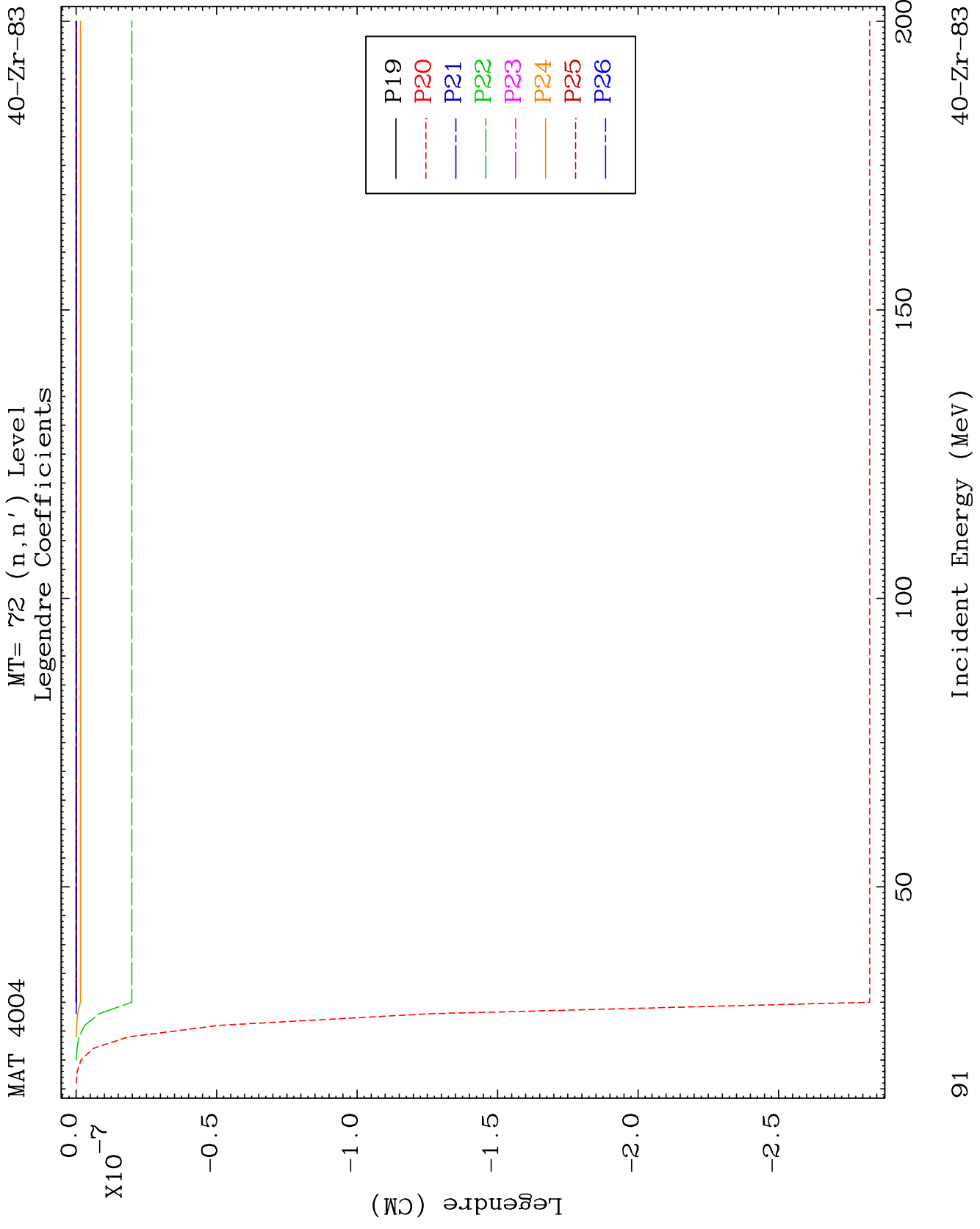
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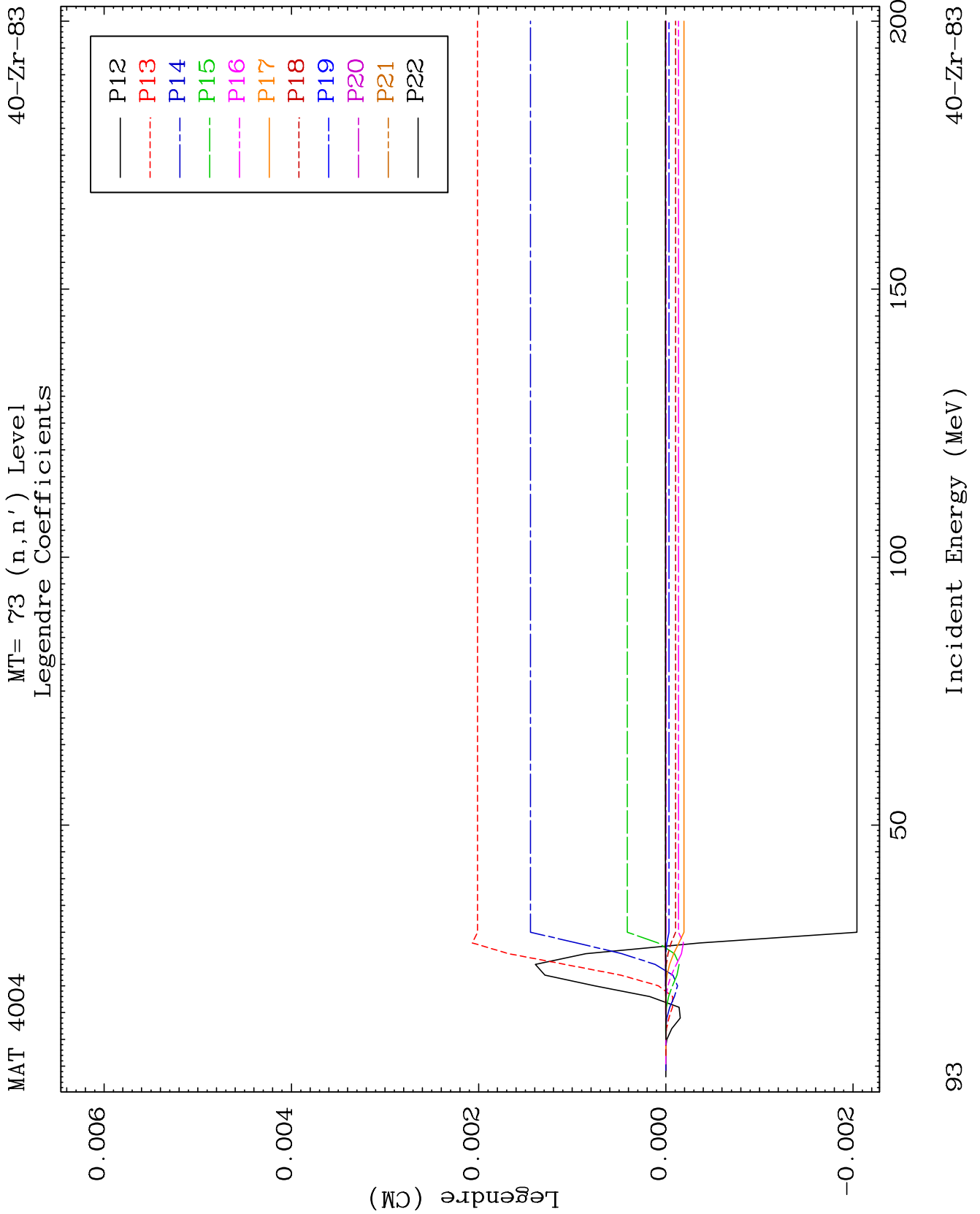


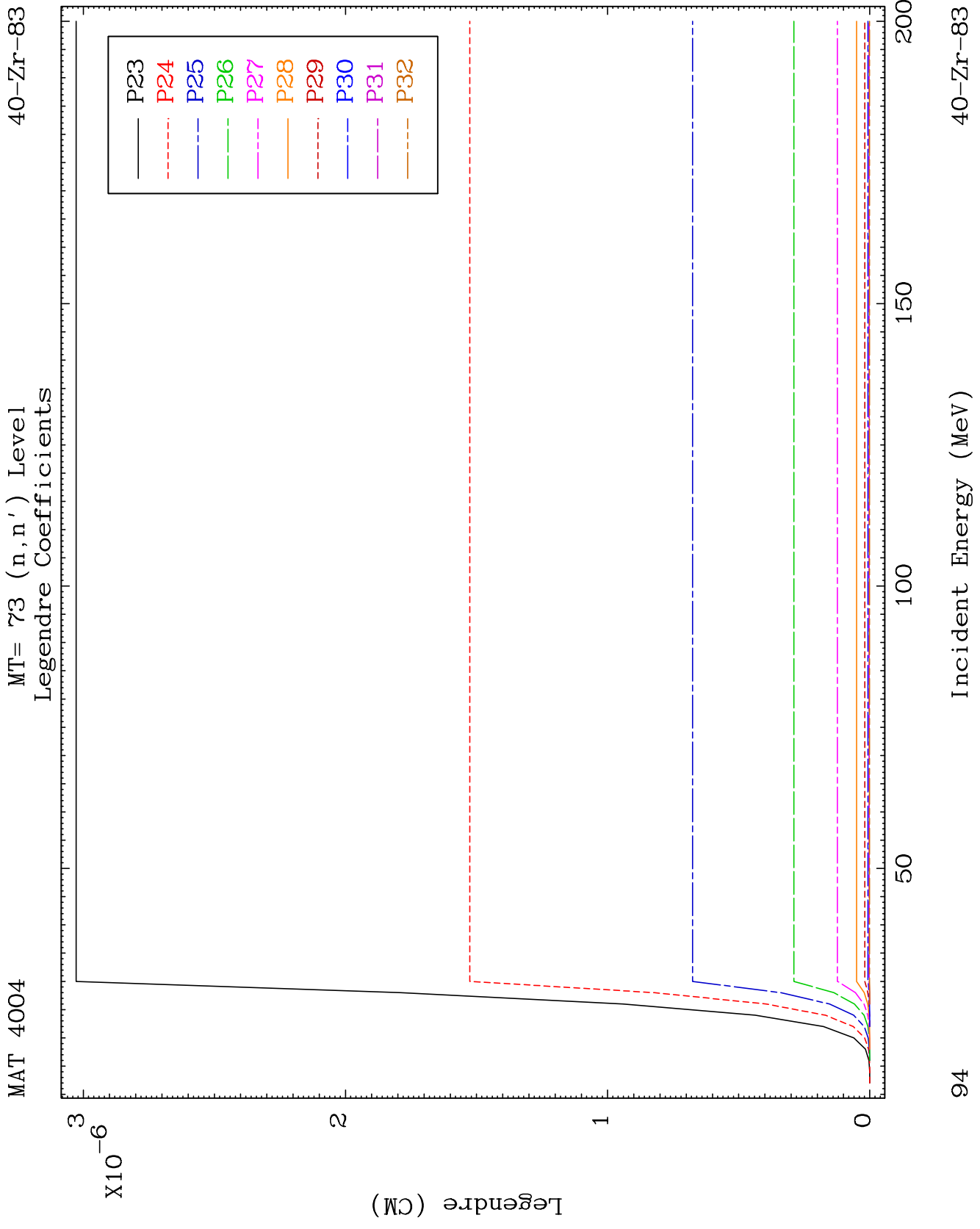
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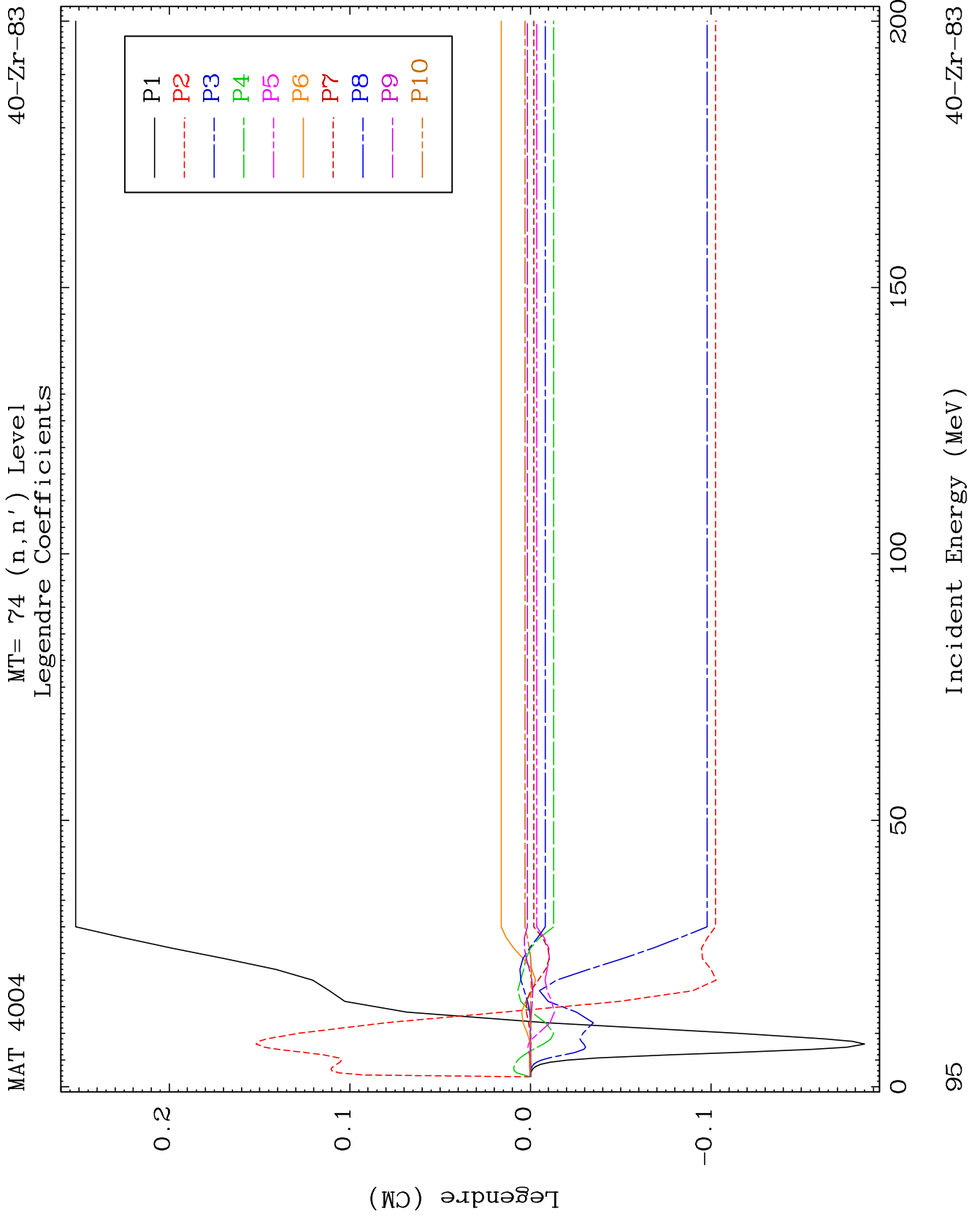
Incident Energy (MeV)

90







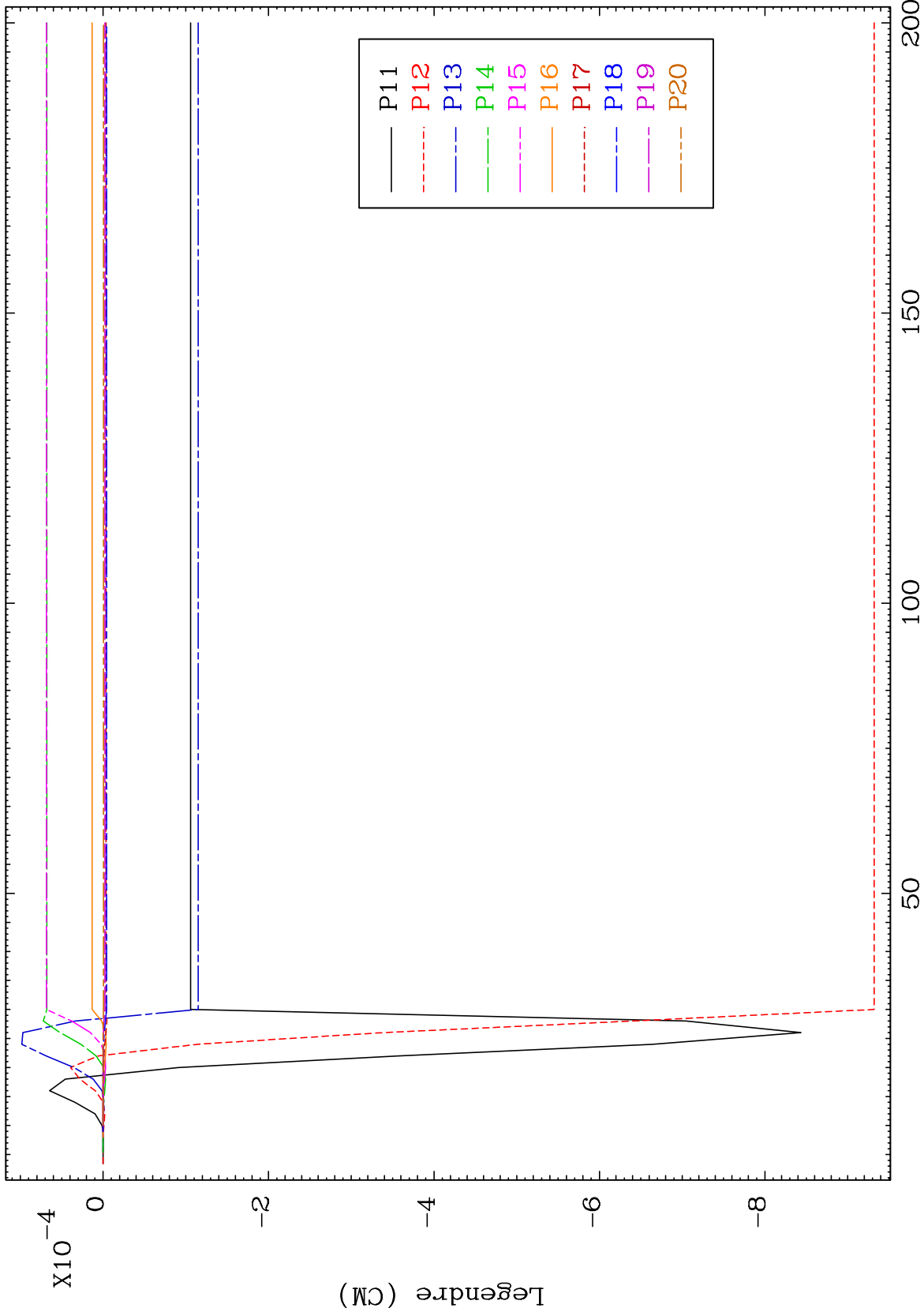


MAT 4004

MT= 74 (n,n') Level

40-Zr-83

Legendre Coefficients



96

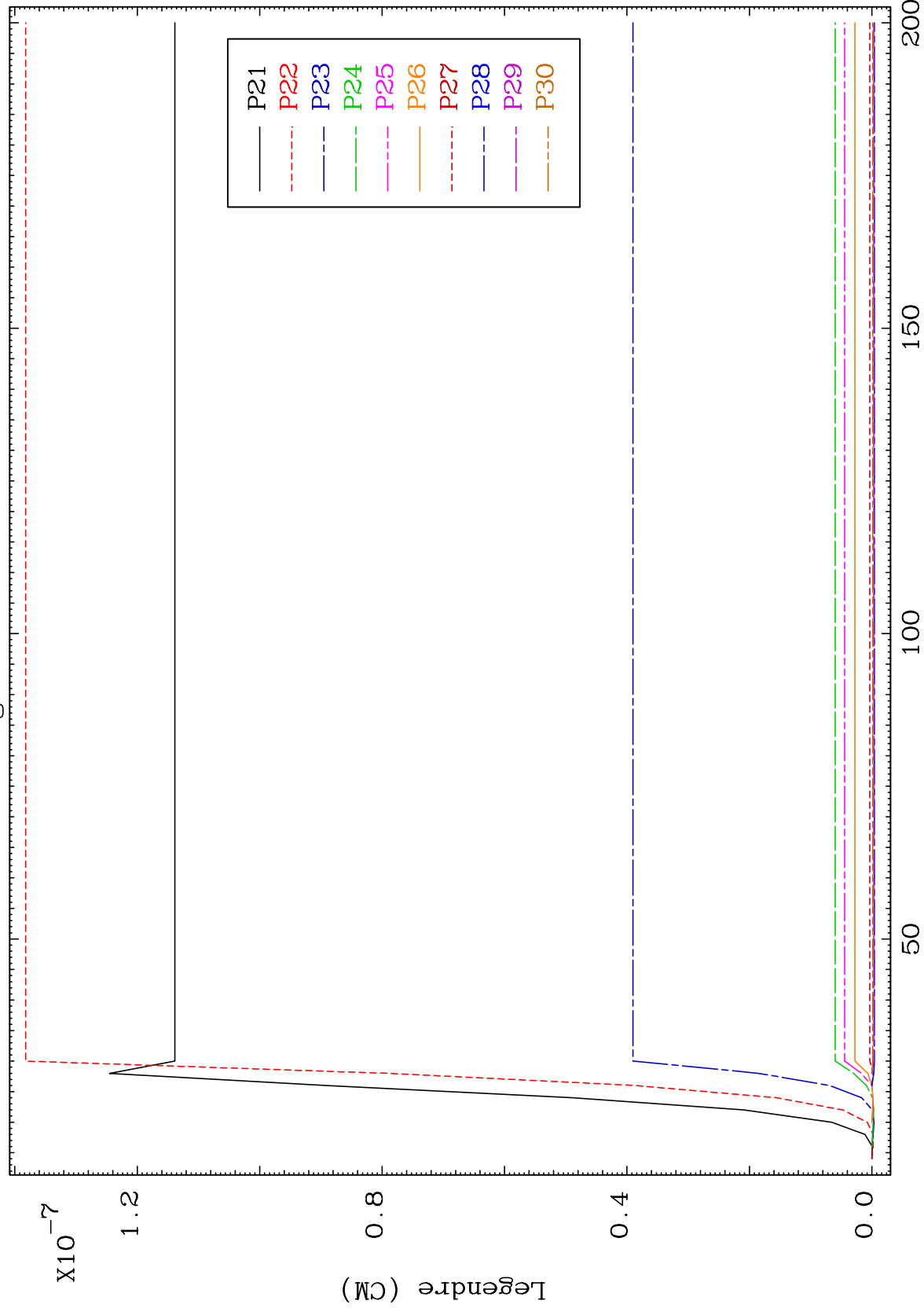
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



40-Zr-83

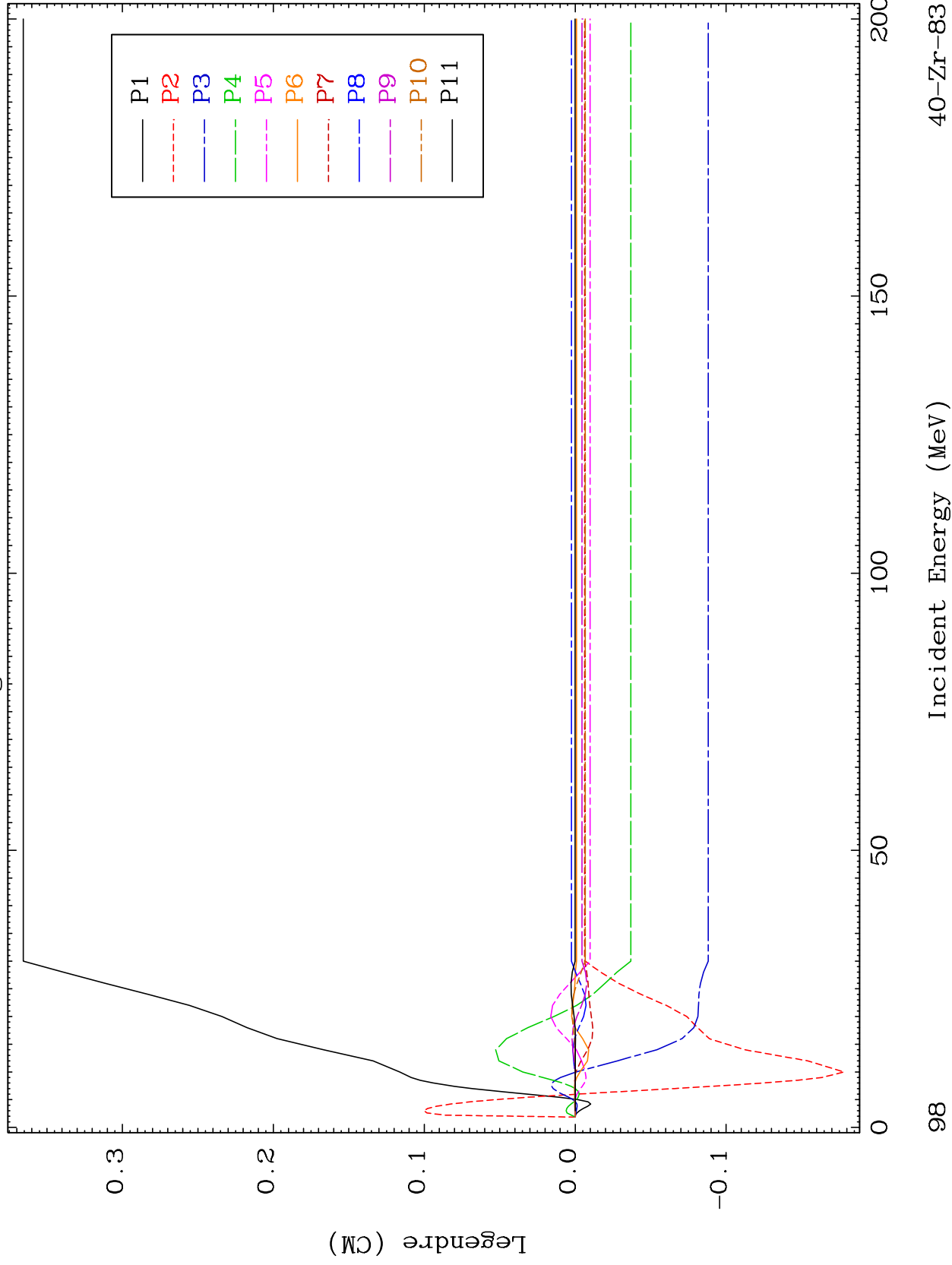
Incident Energy (MeV)

97

MAT 4004

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

40-Zr-83



40-Zr-83

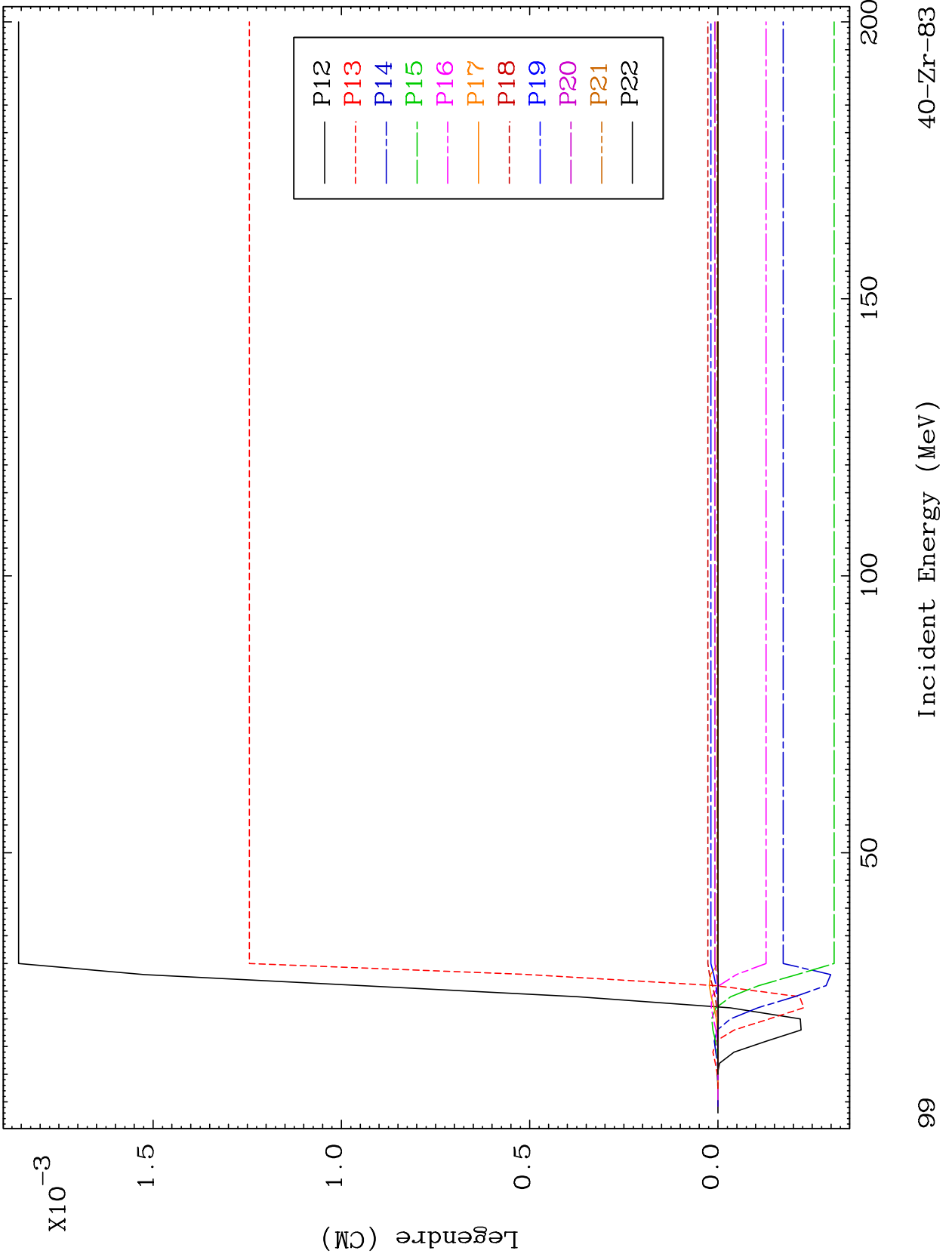
Incident Energy (MeV)

98

MAT 4004

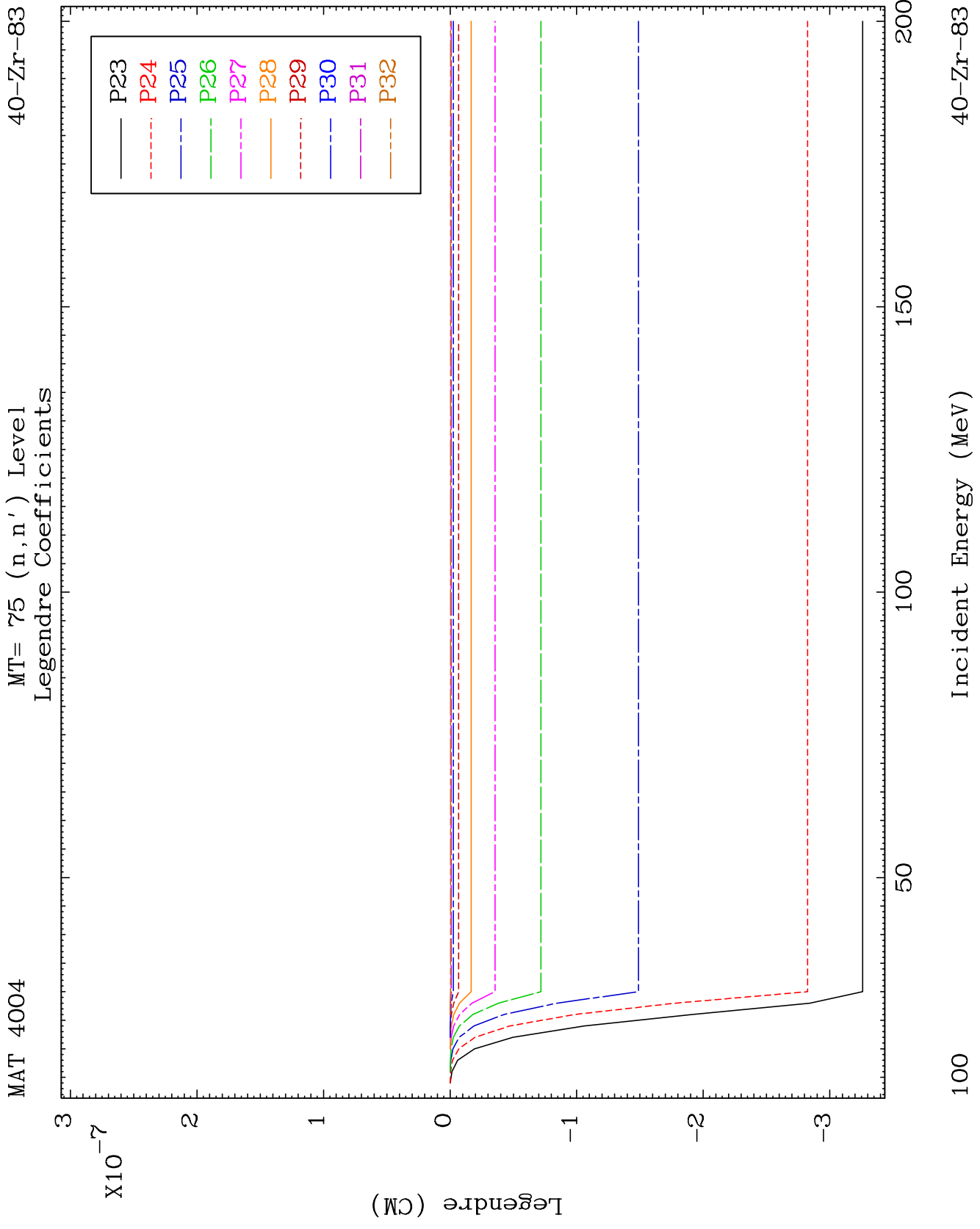
MT= 75 (n,n') Level
Legendre Coefficients

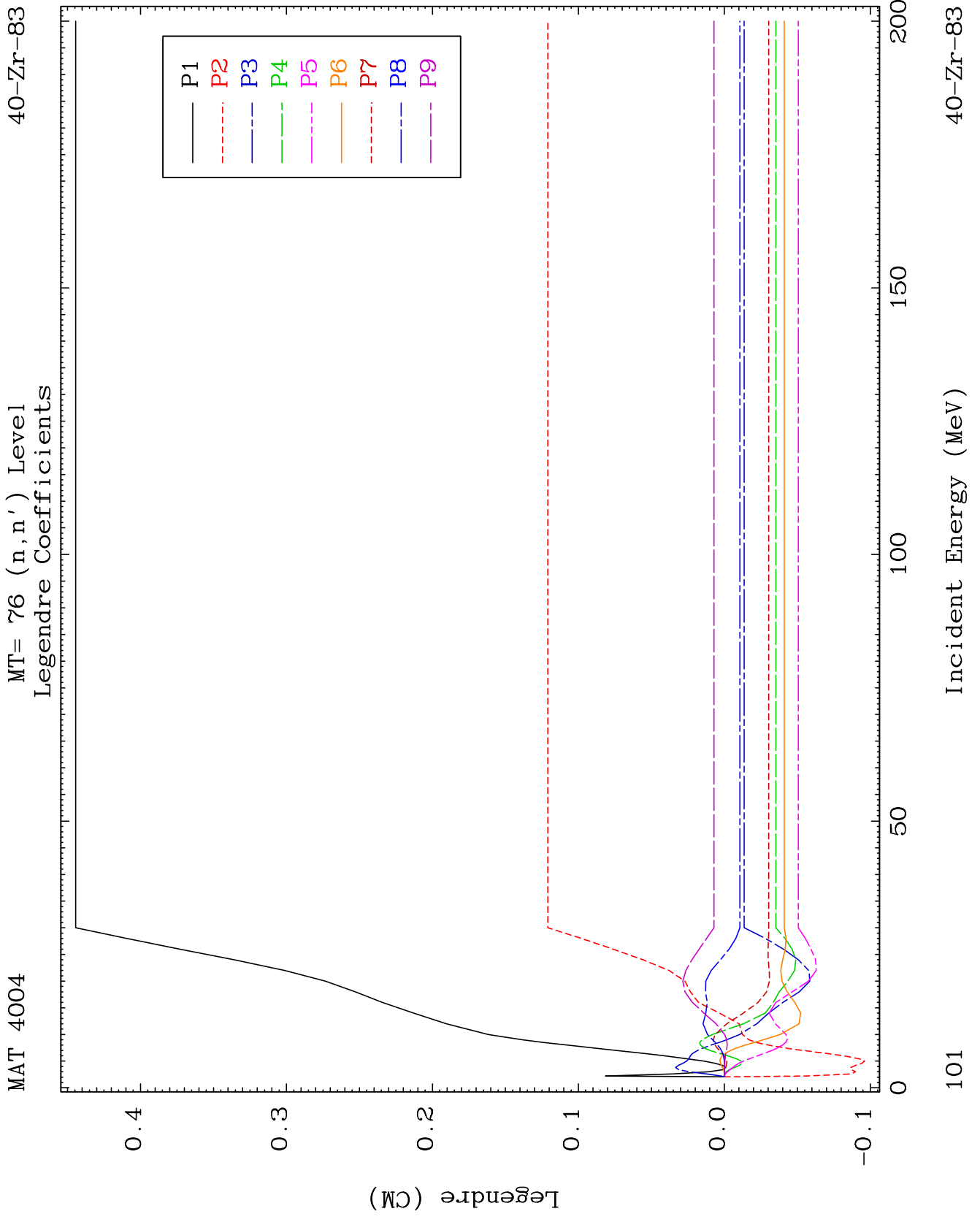
40-Zr-83



99

40-Zr-83

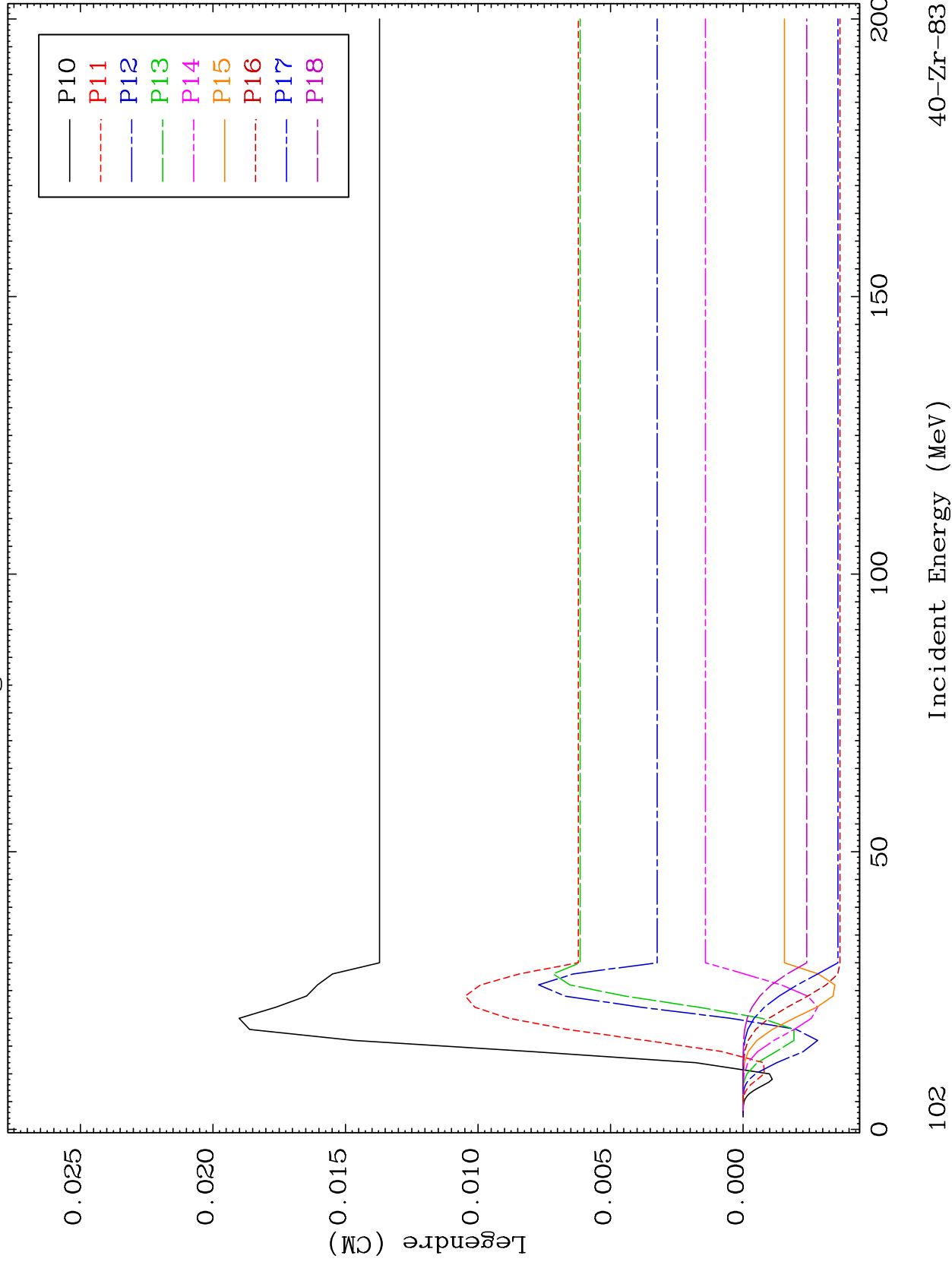




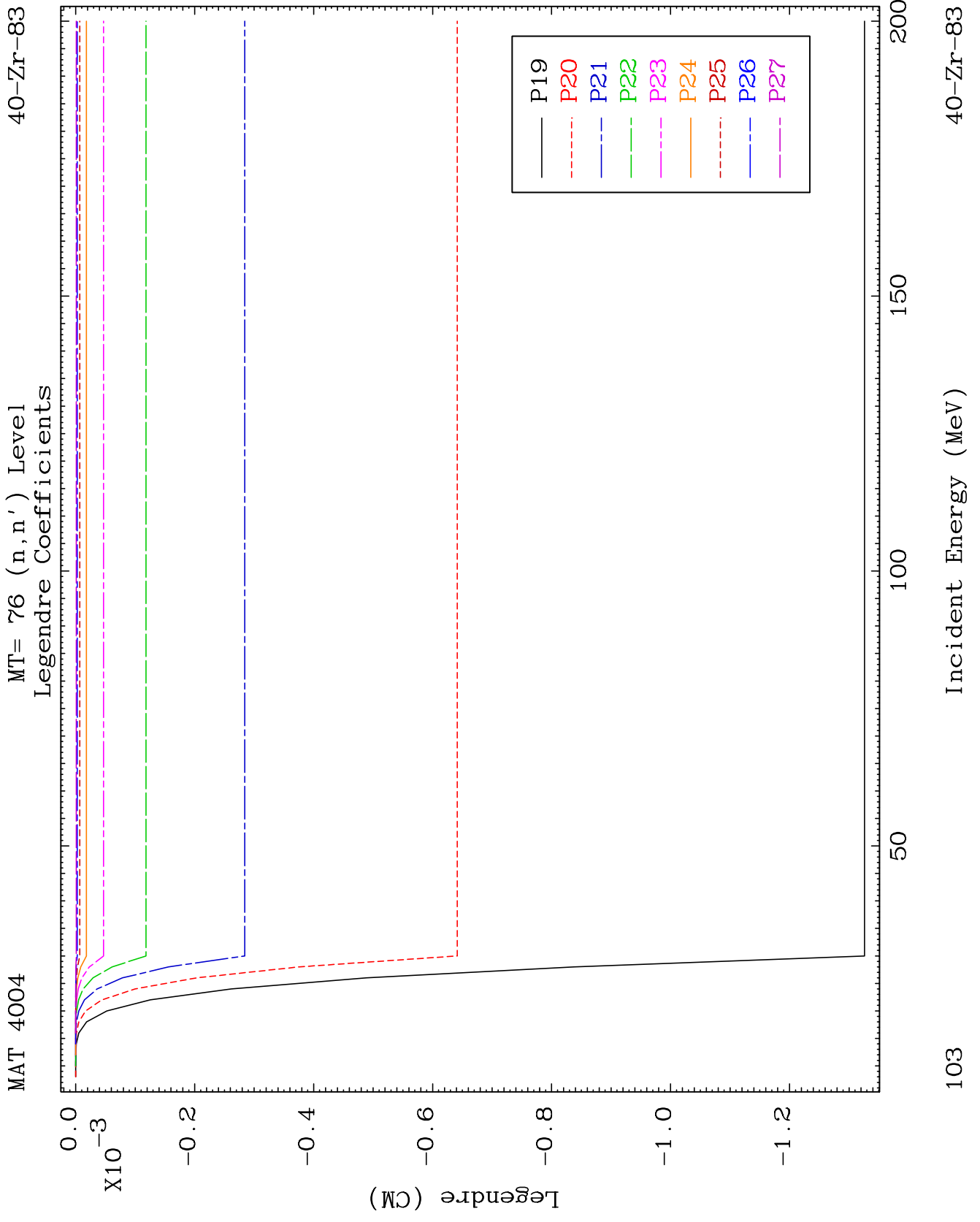
MAT 4004

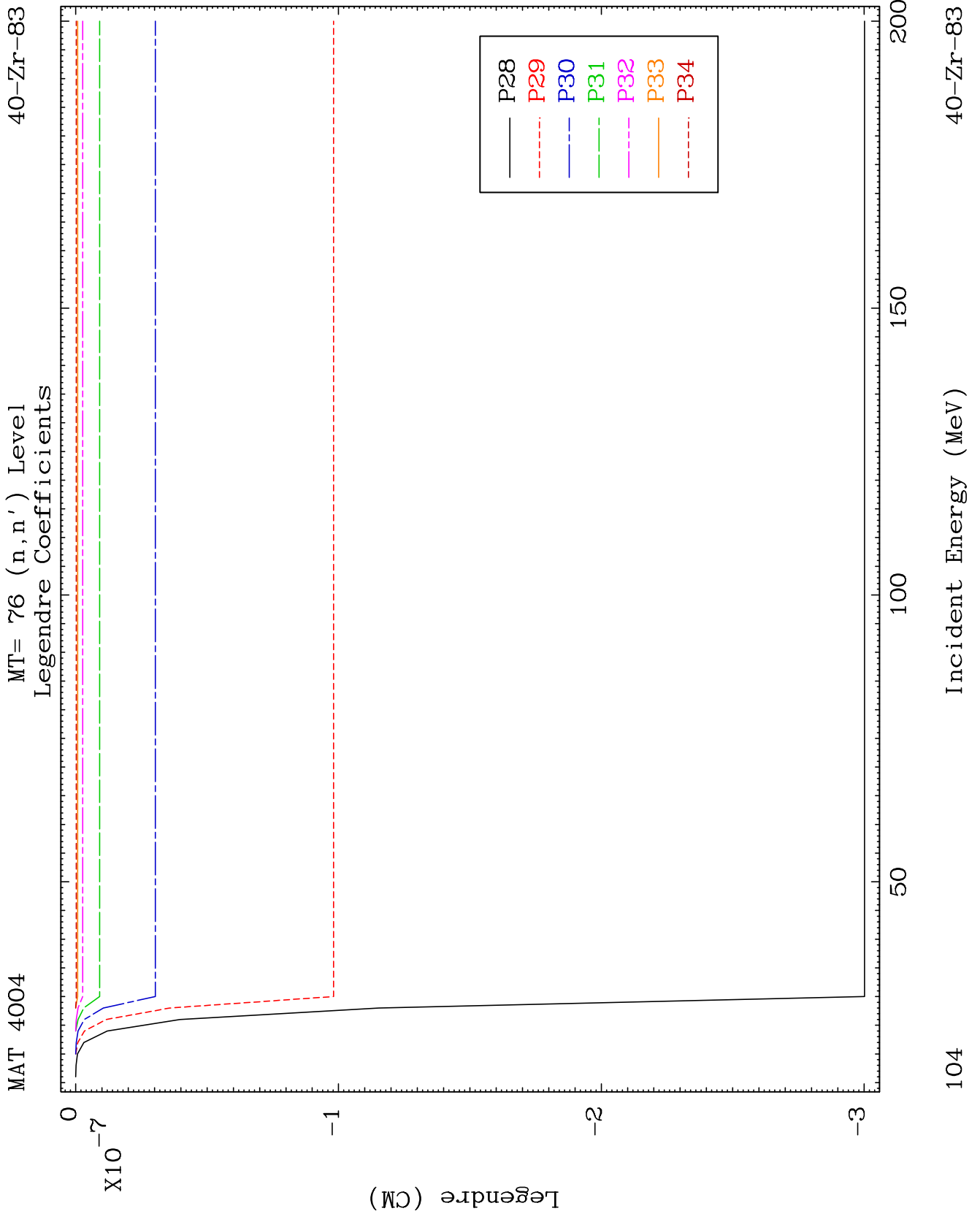
MT= 76 (n,n') Level
Legendre Coefficients

40-Zr-83



102

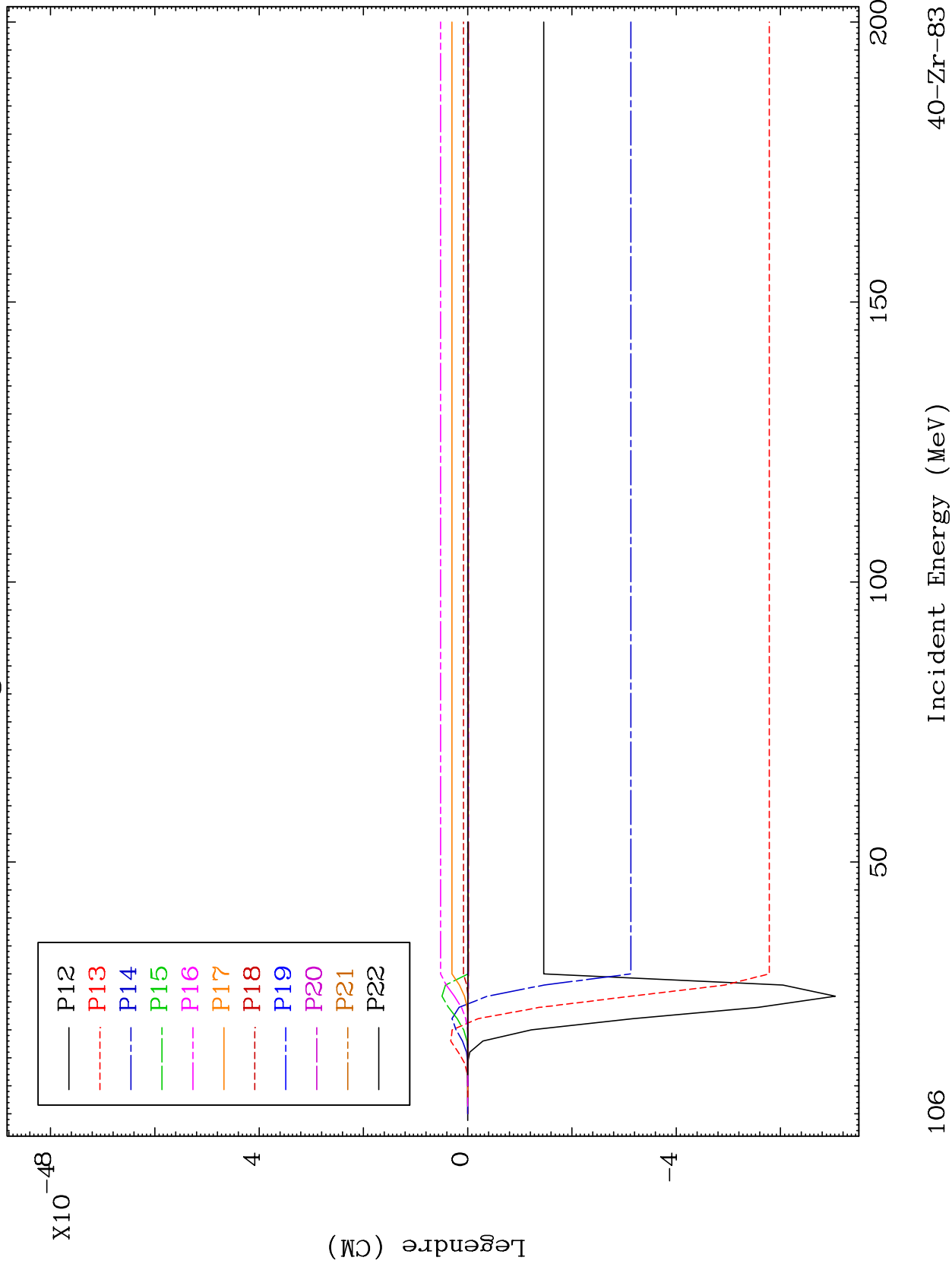




MAT 4004

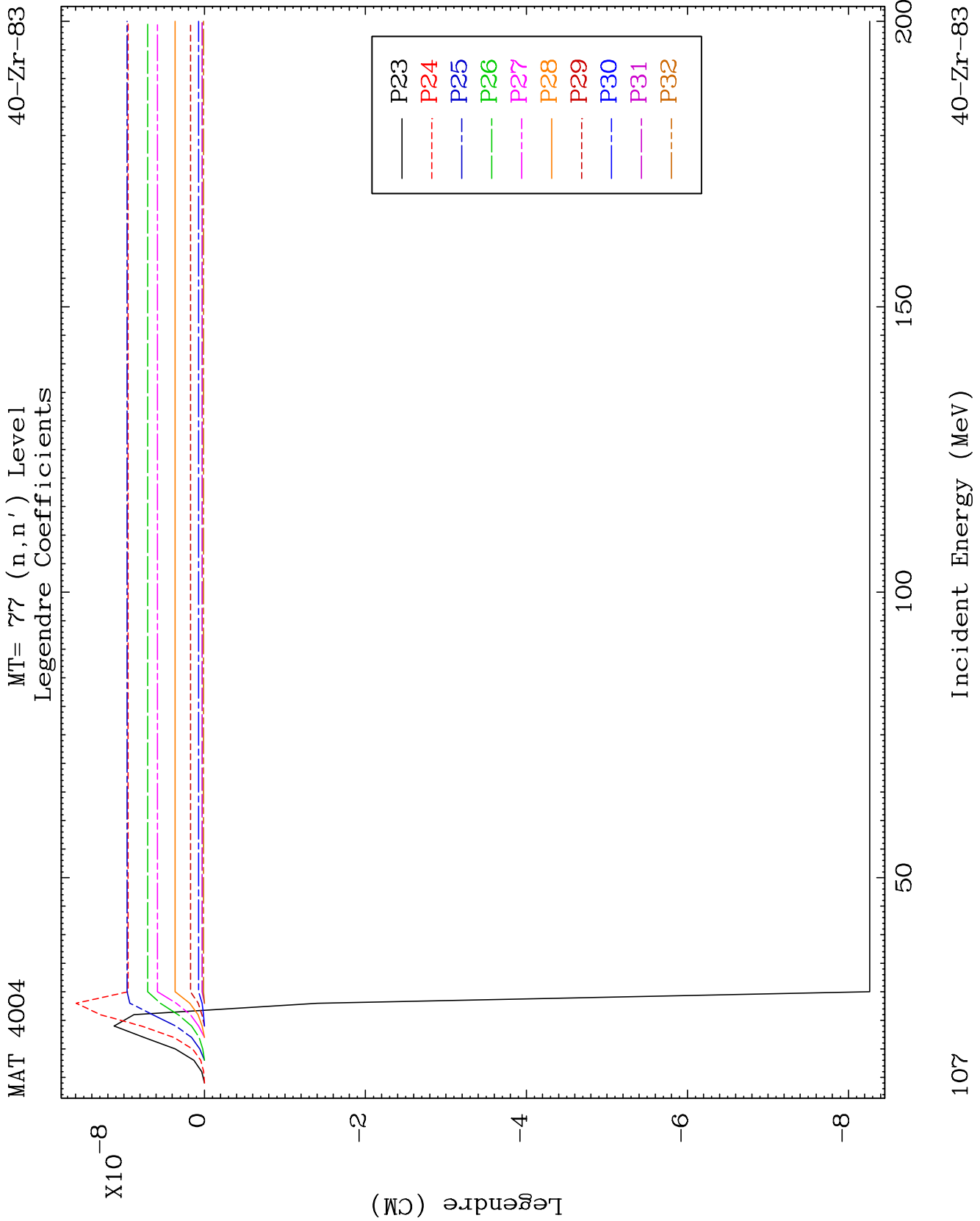
MT= 77 (n,n') Level
Legendre Coefficients

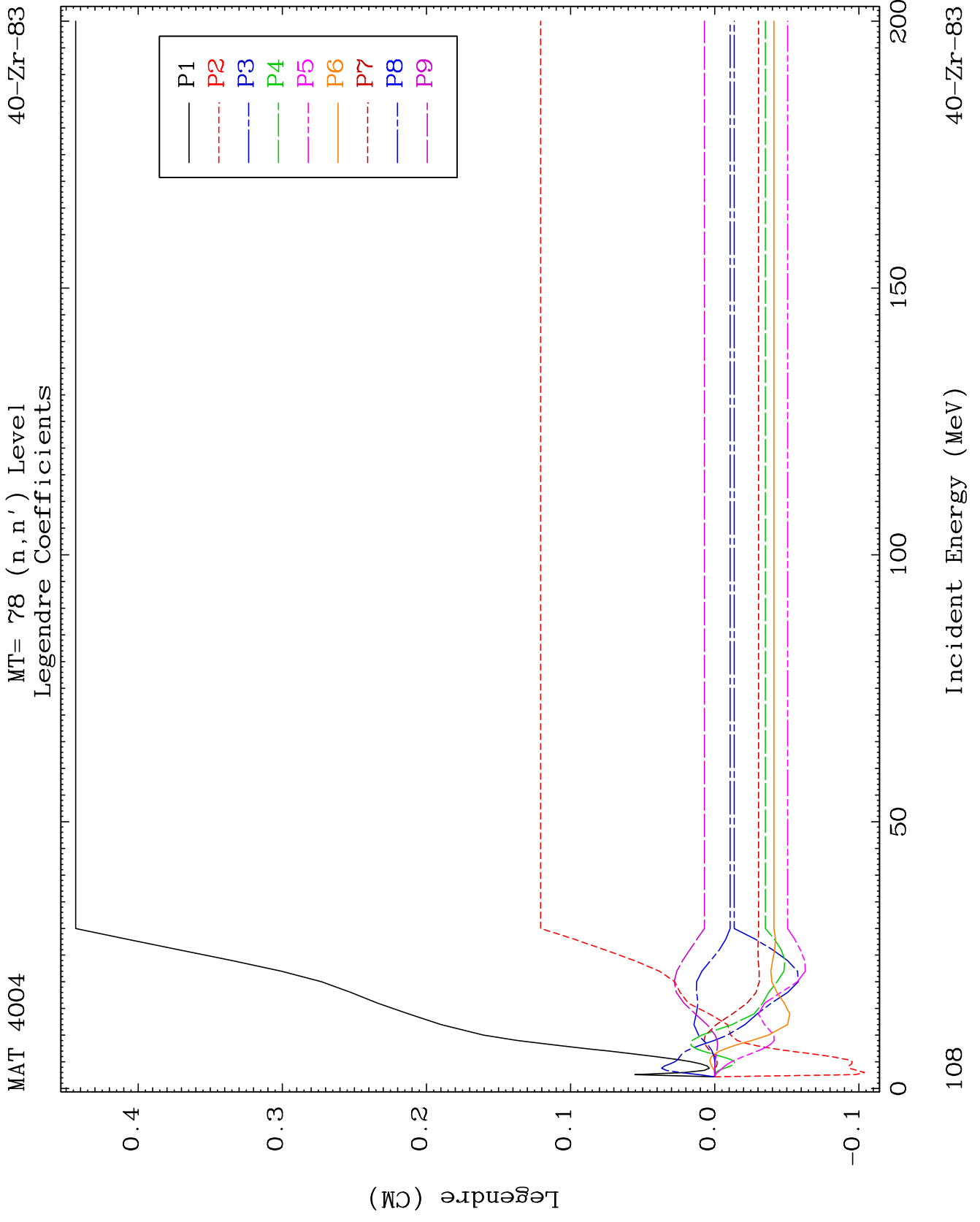
40-Zr-83

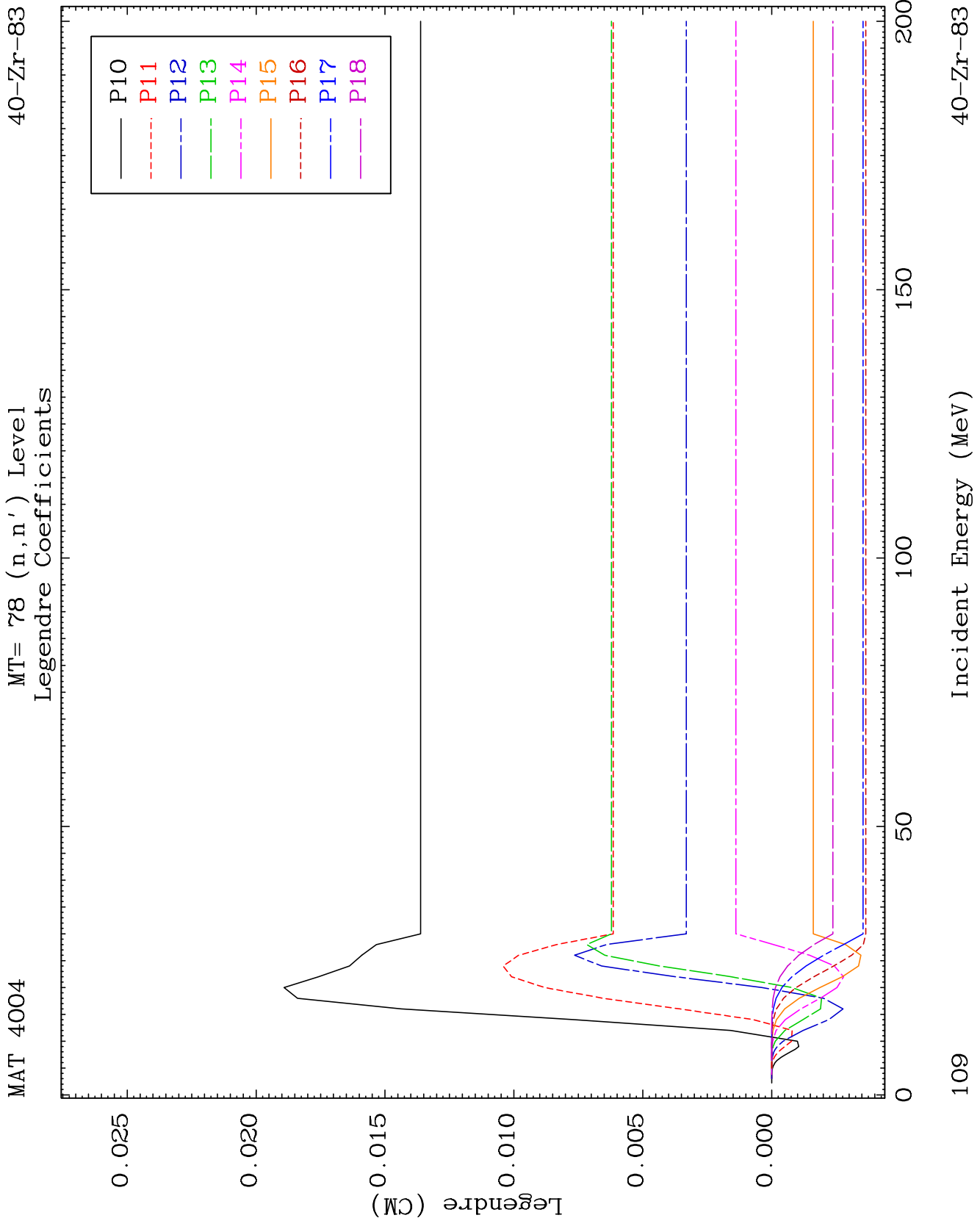


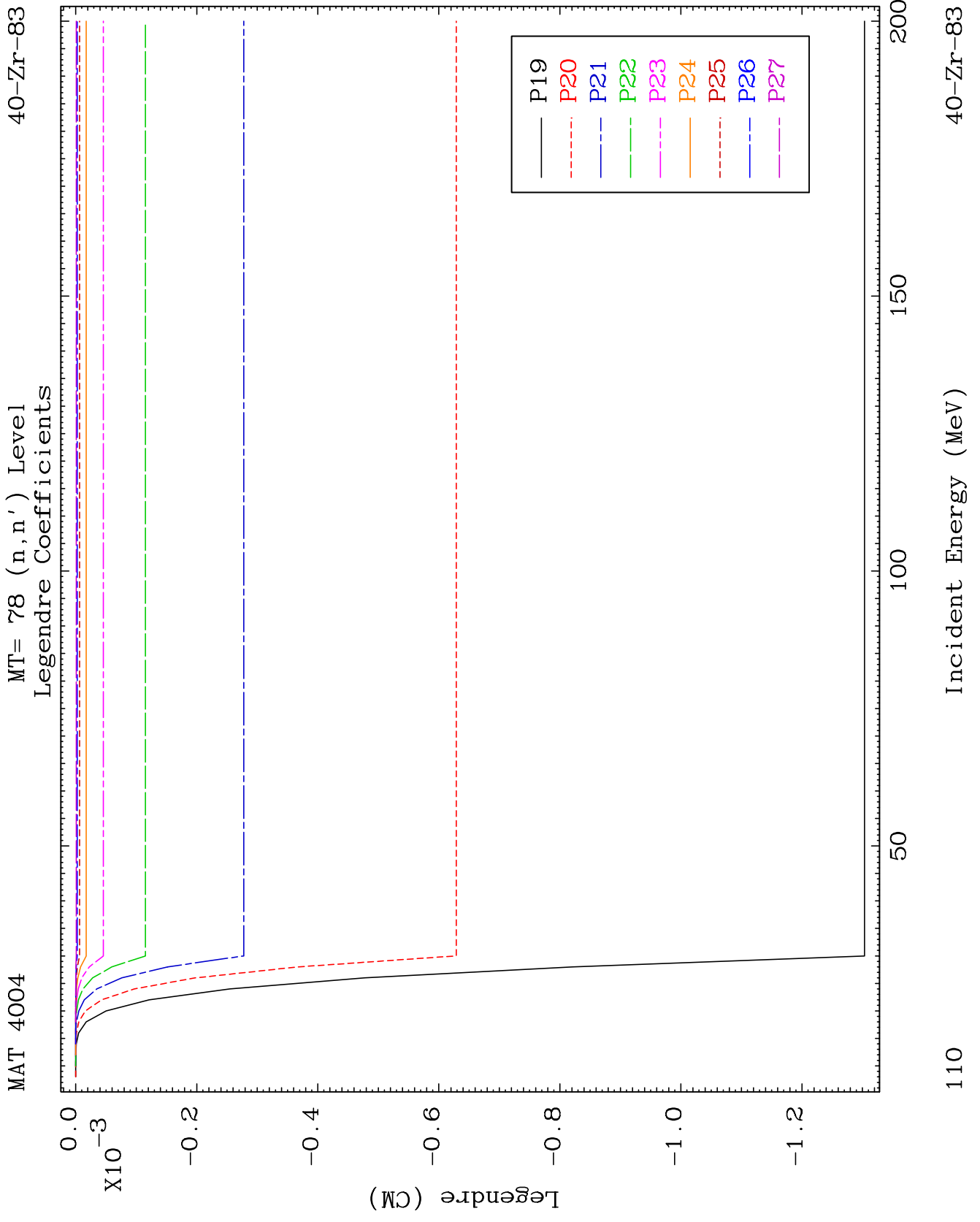
106

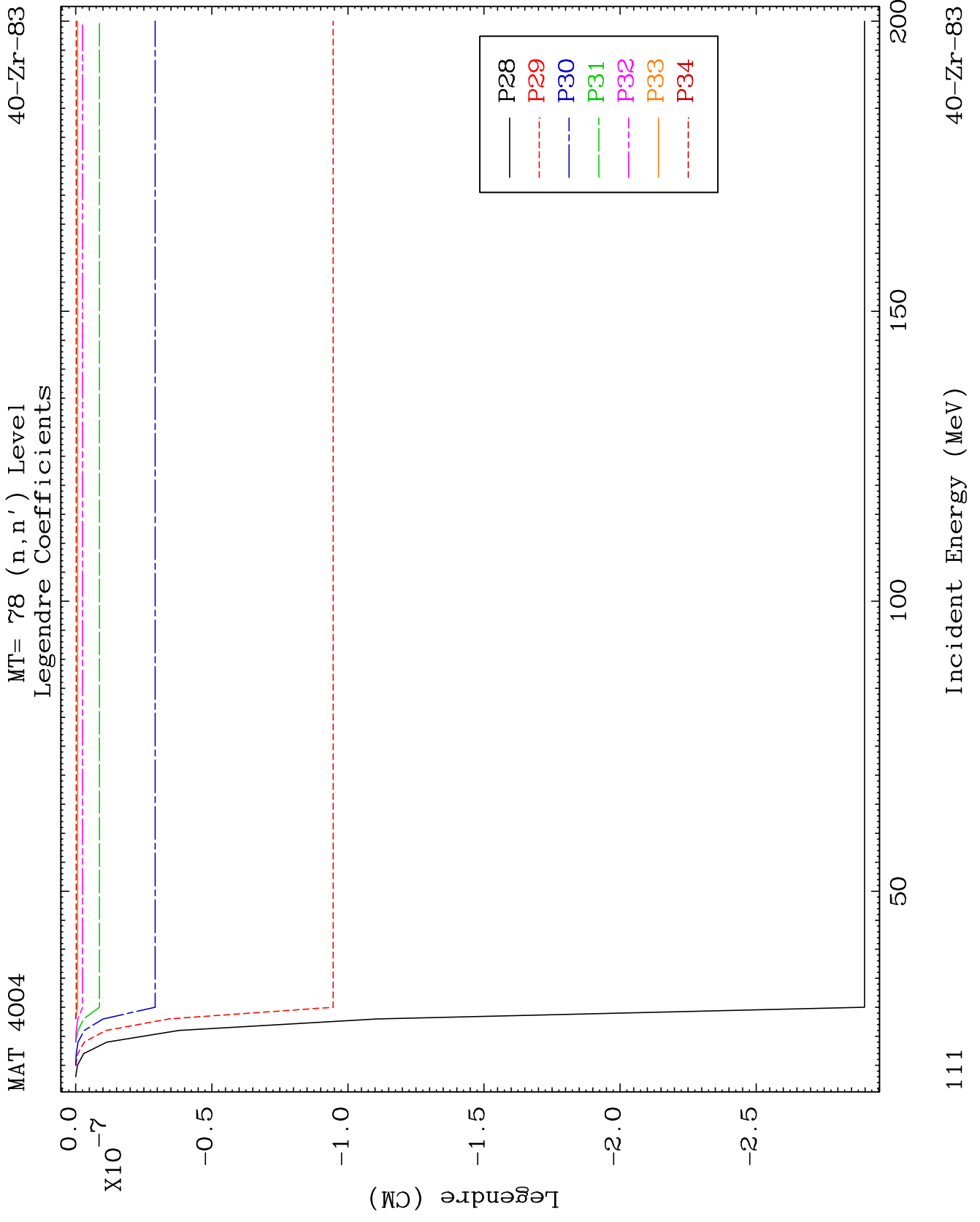
40-Zr-83









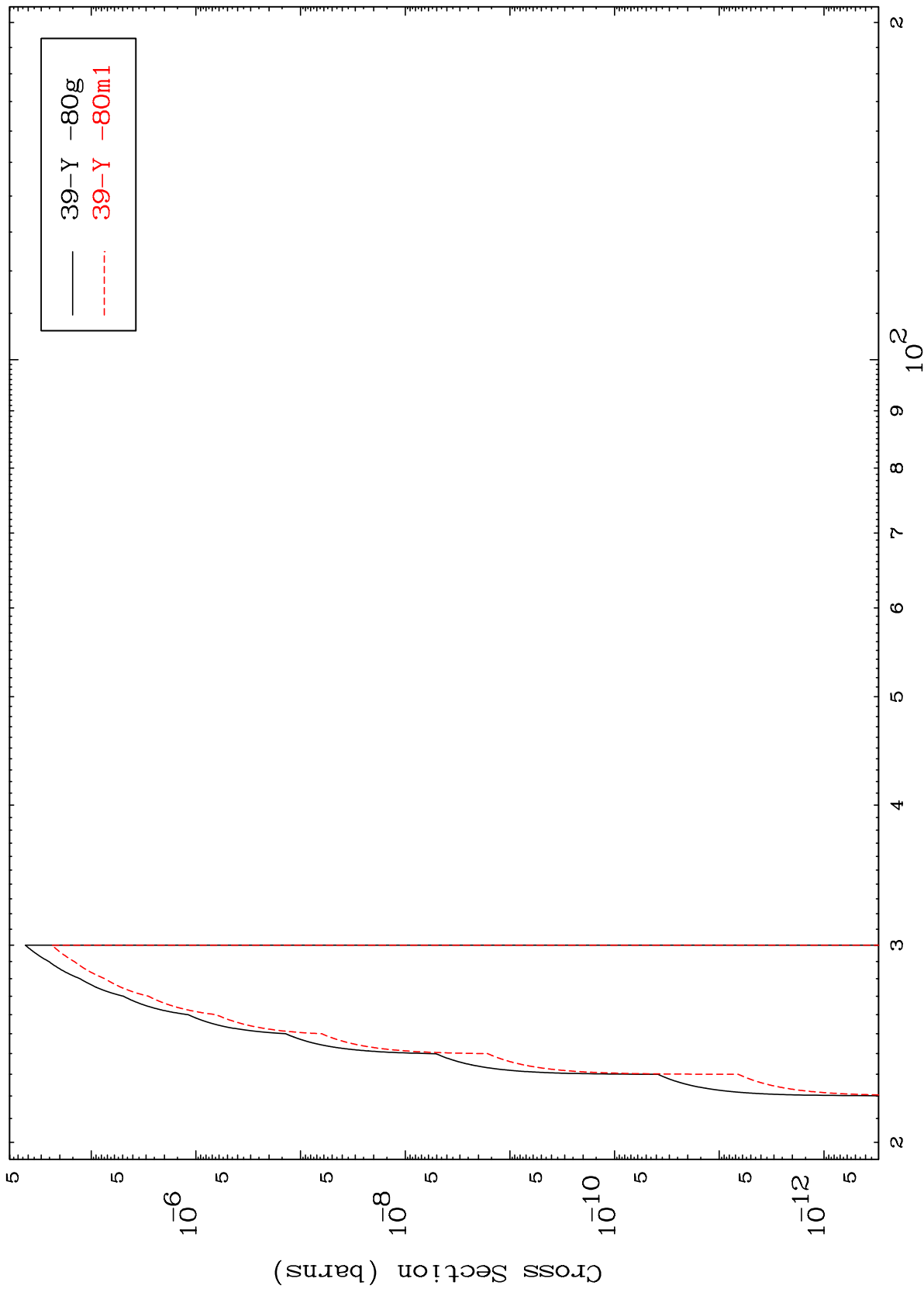


MAT 4004

(n,n') t

40-Zr-83

Radionuclide Production Cross Section



112

Incident Energy (MeV)

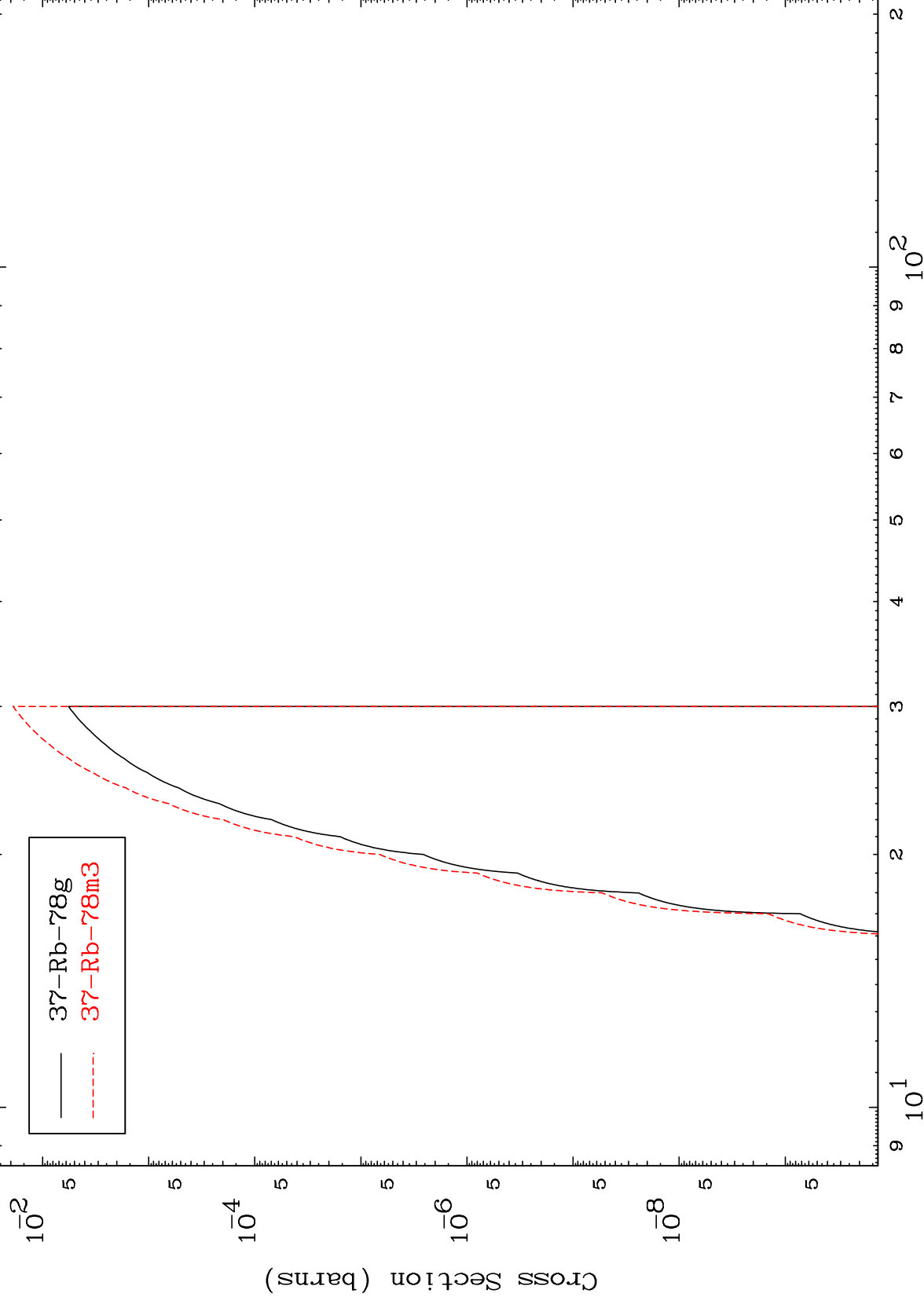
40-Zr-83

MAT 4004

(n,n') p α

40-Zr-83

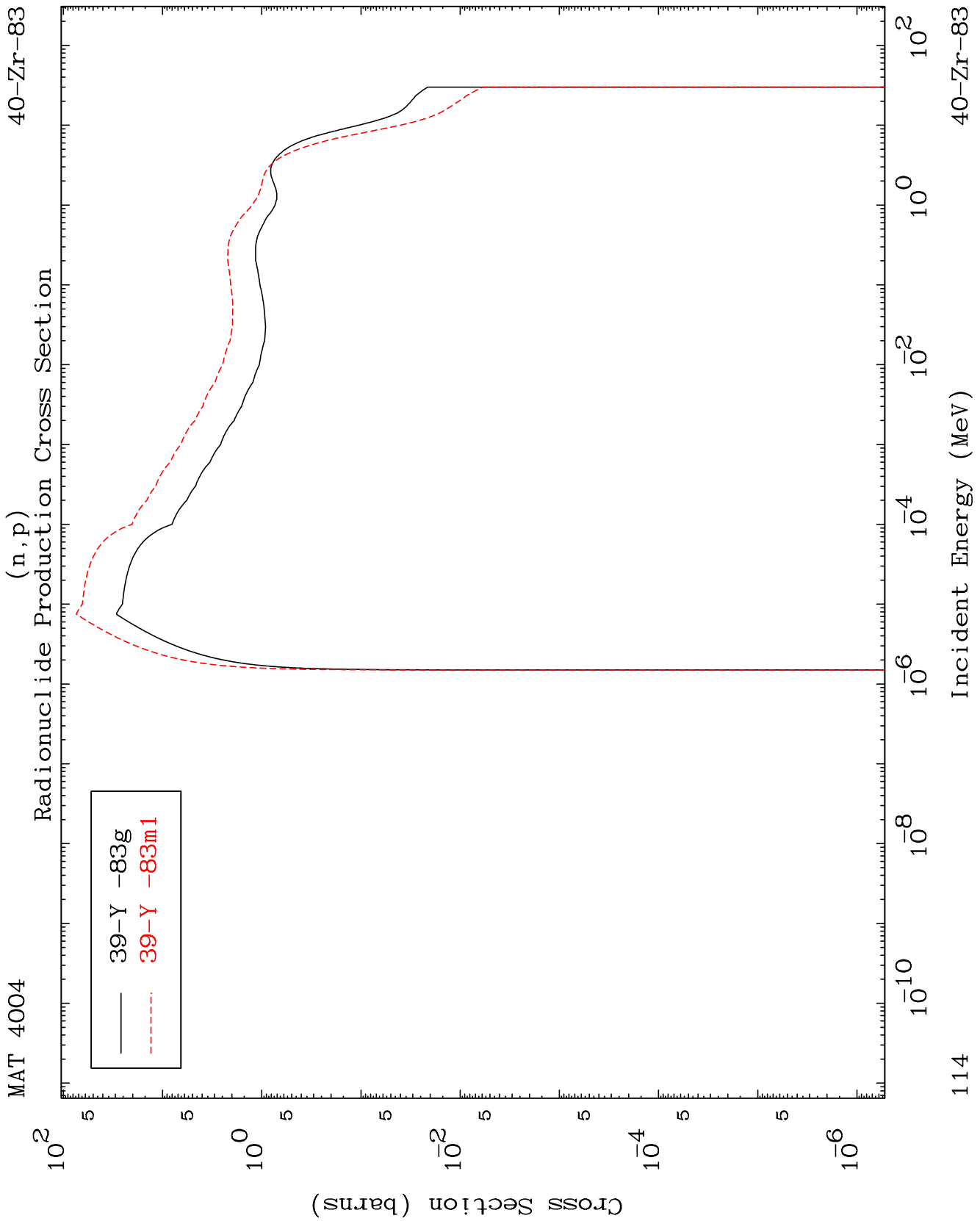
Radionuclide Production Cross Section



113

Incident Energy (MeV)

40-Zr-83

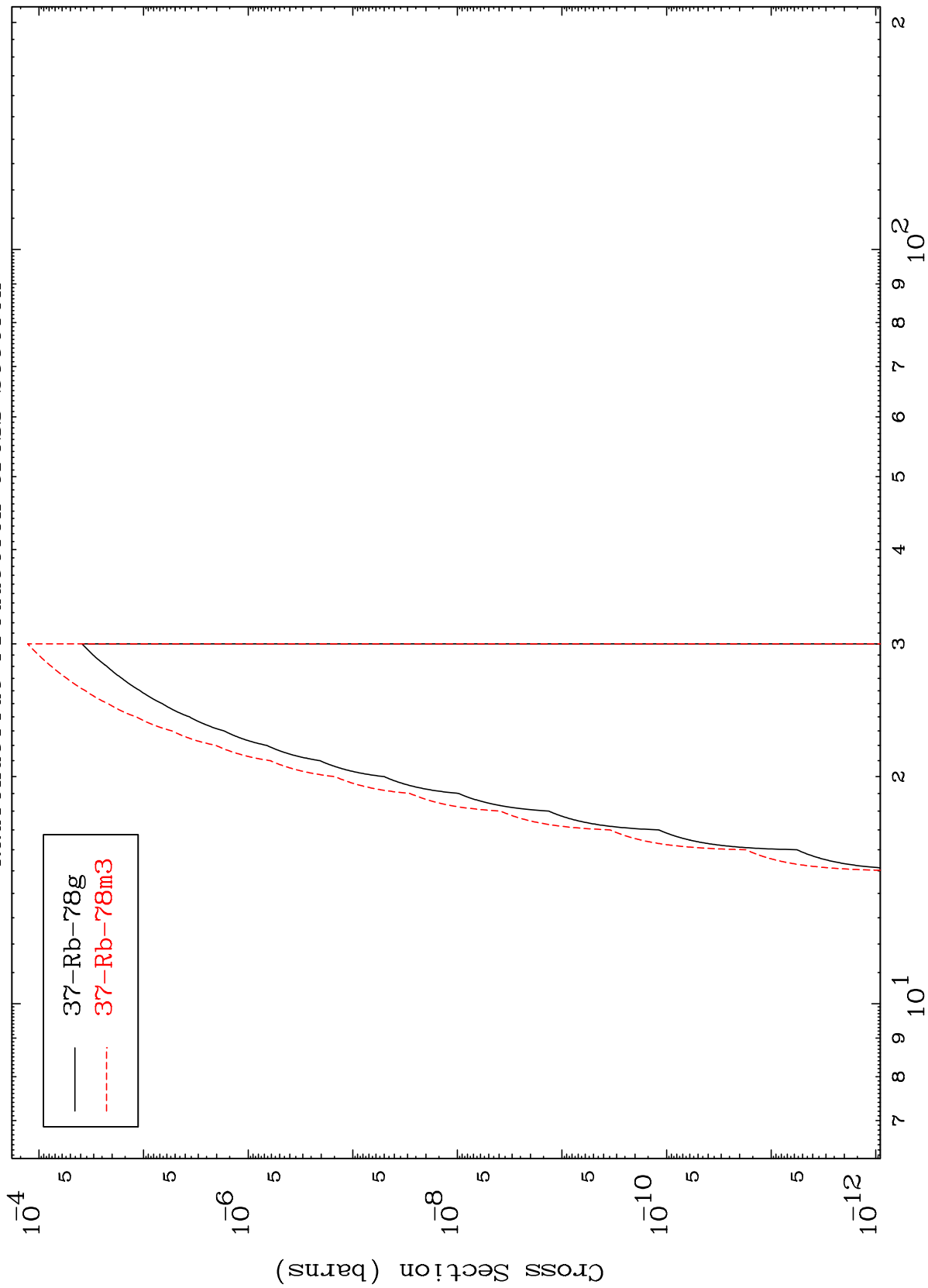


MAT 4004

(n,d) α

40-Zr-83

Radionuclide Production Cross Section



115

Incident Energy (MeV)

40-Zr-83