

Program EVALPLOT  
(Version 2017-1)

by

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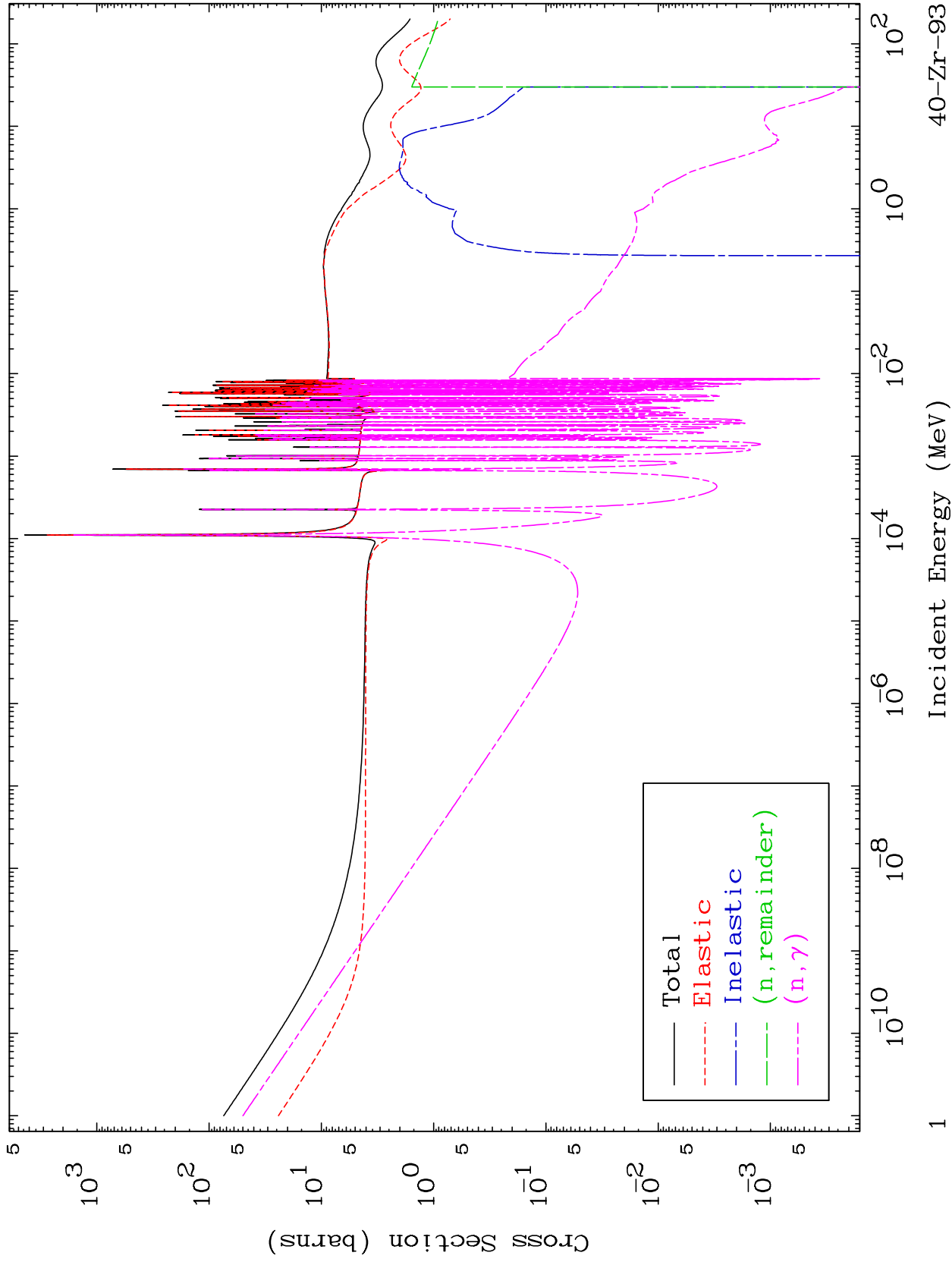
Press Mouse Button to Start

MAT 4034

Major

293 Kelvin Cross Sections

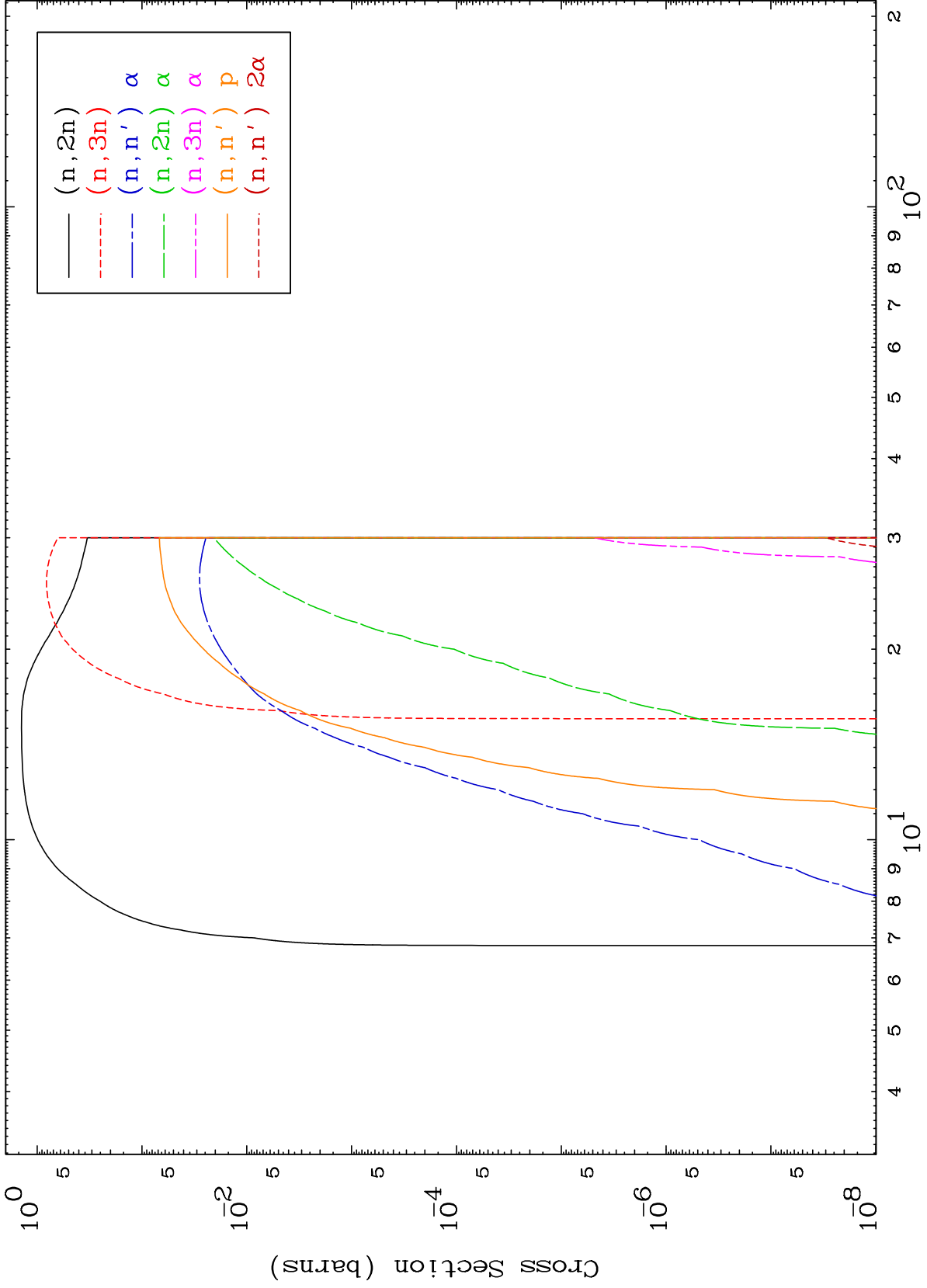
40-Zr-93



MAT 4034

Neutron Production  
293 Kelvin Cross Sections

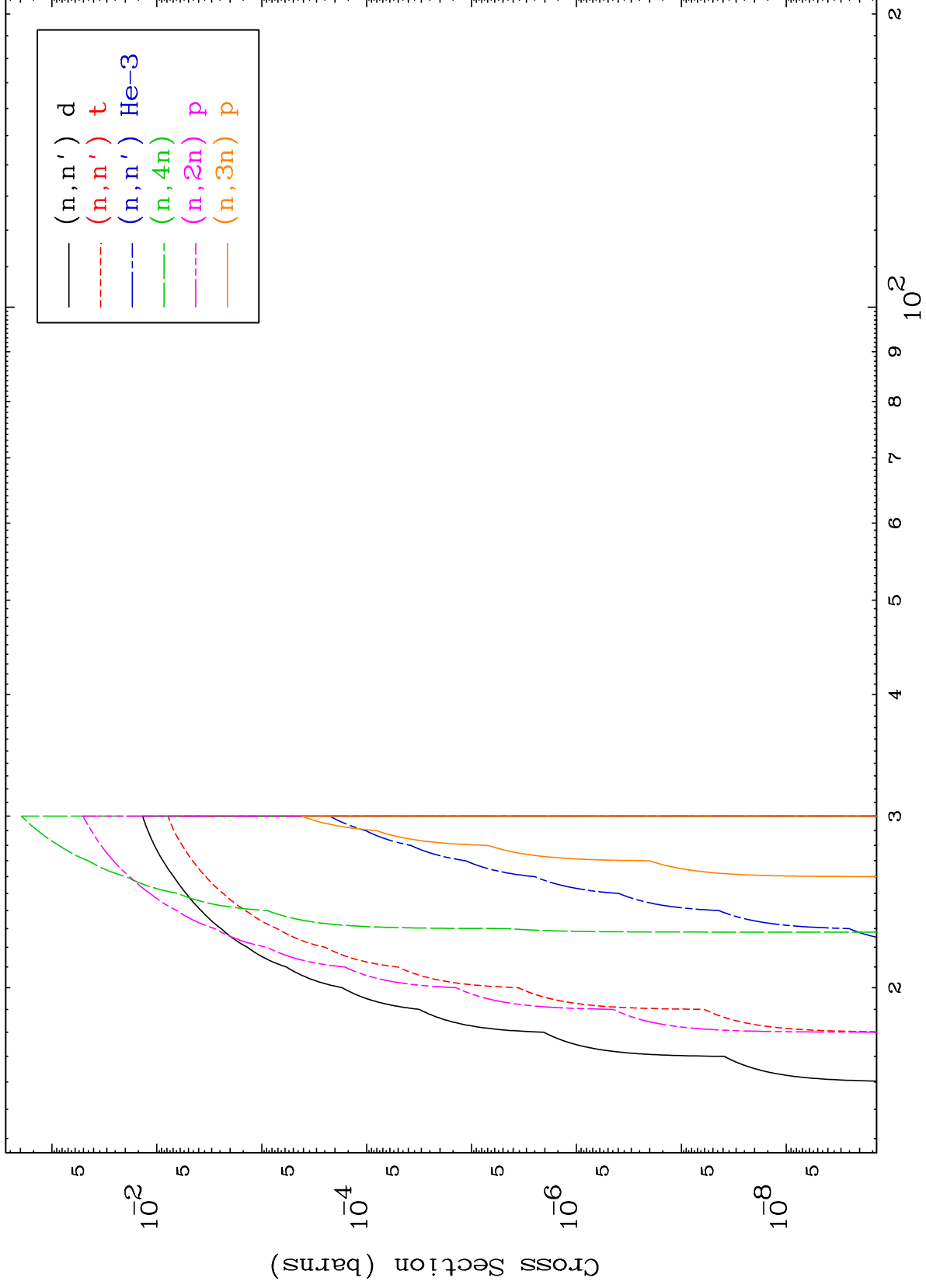
40-Zr-93



MAT 4034

Neutron Production  
293 Kelvin Cross Sections

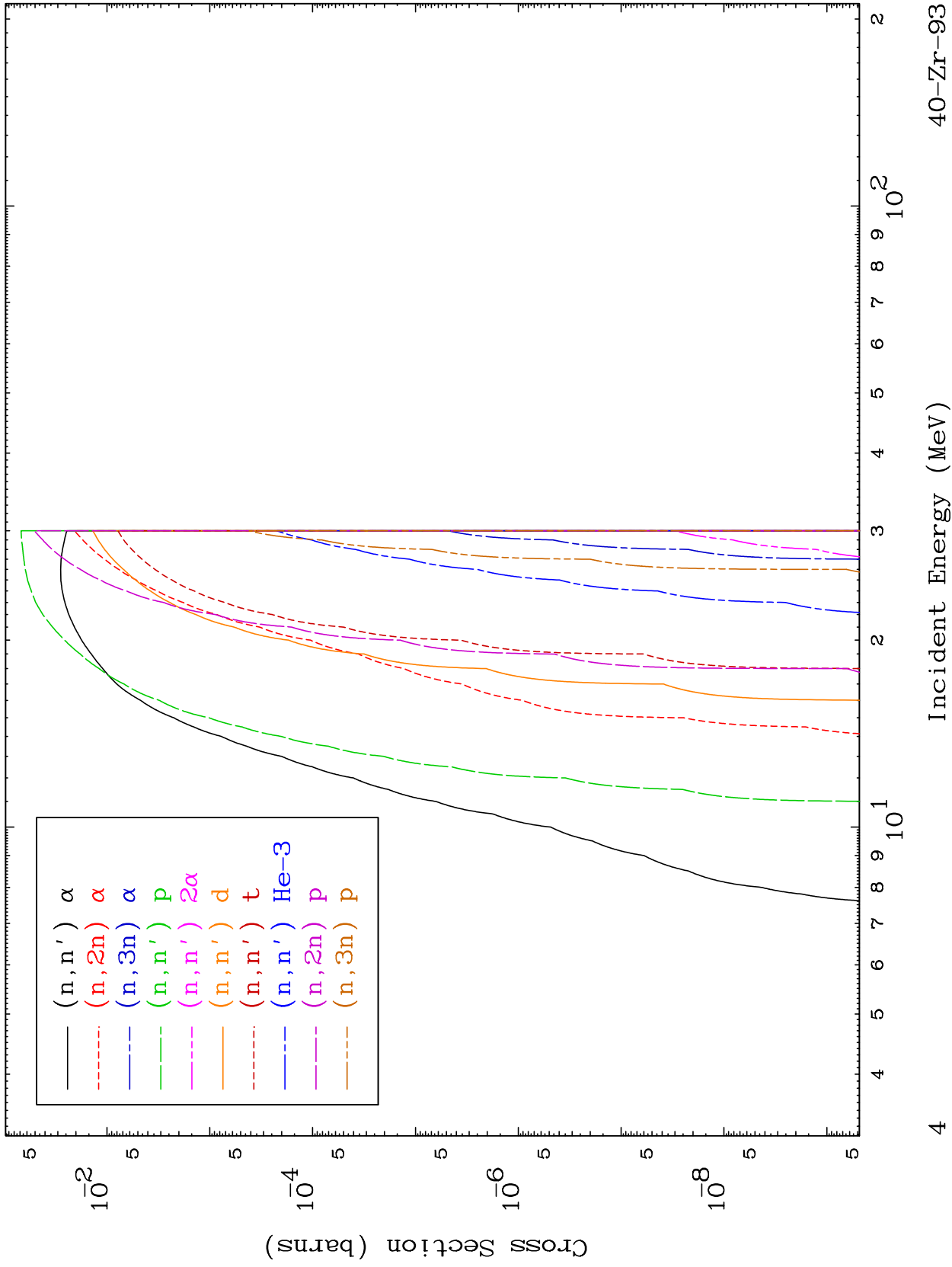
40-Zr-93



3

Incident Energy (MeV)

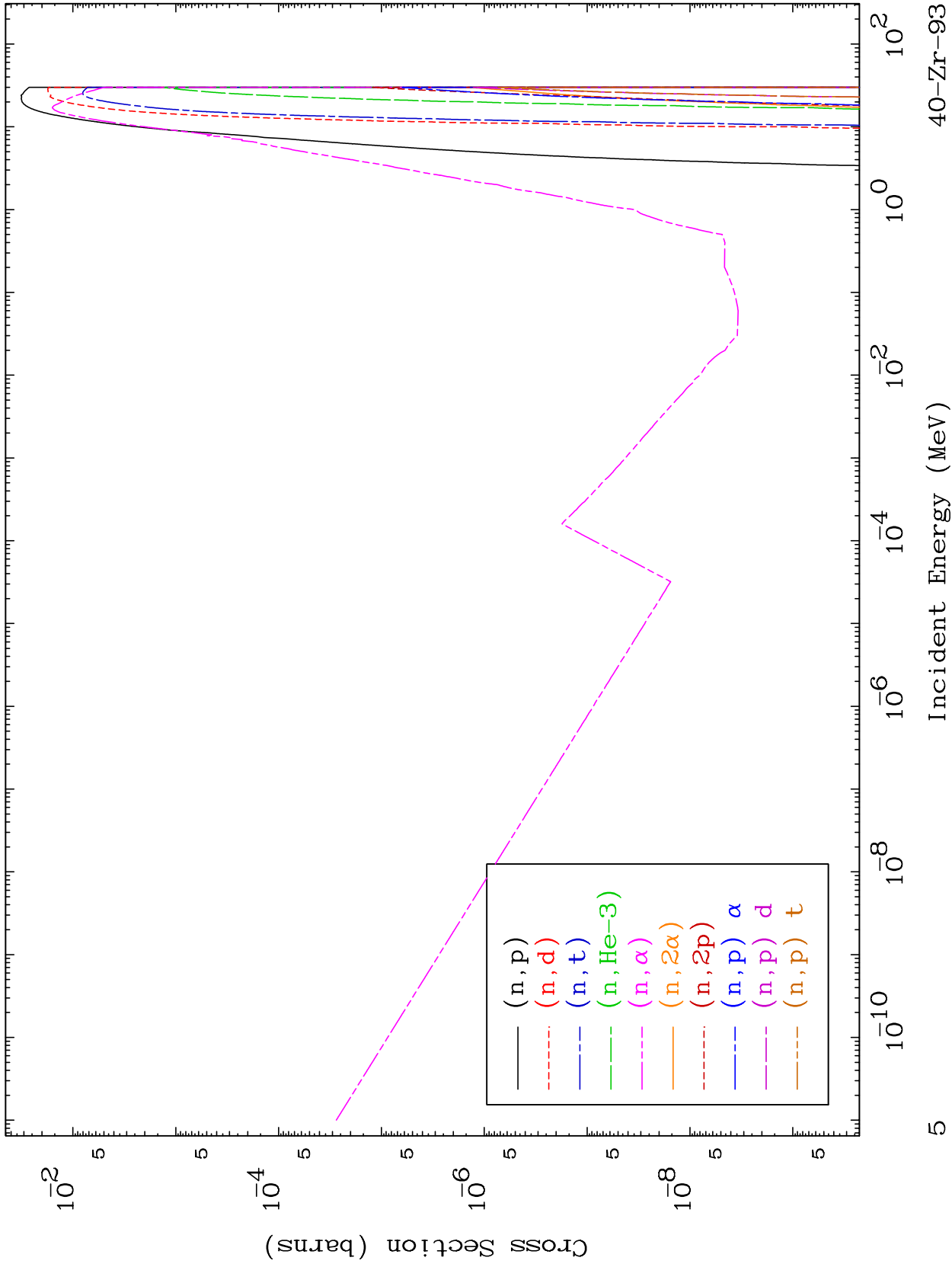
40-Zr-93



MAT 4034

Charged Particle  
293 Kelvin Cross Sections

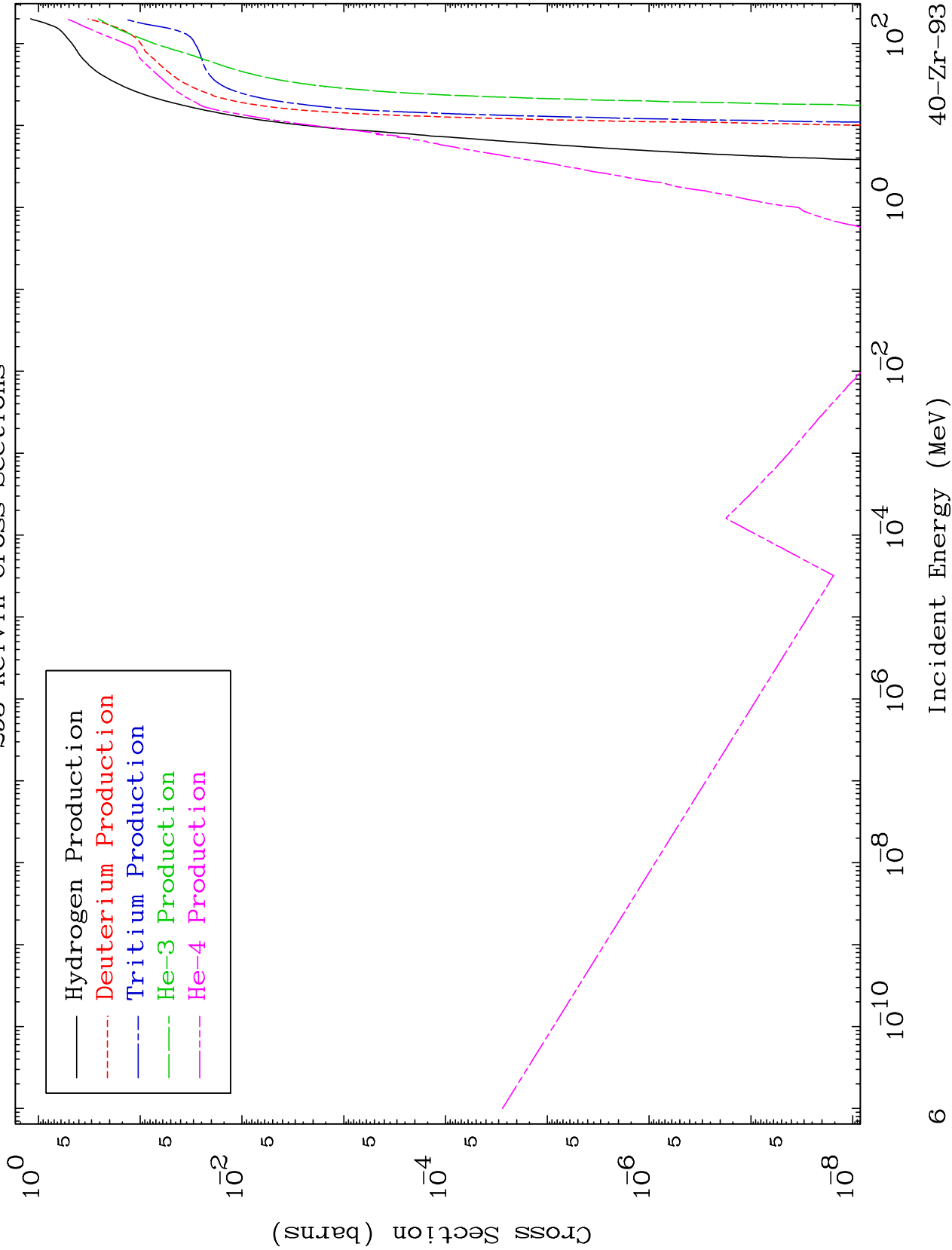
40-Zr-93



MAT 4034

Particle Production  
293 Kelvin Cross Sections

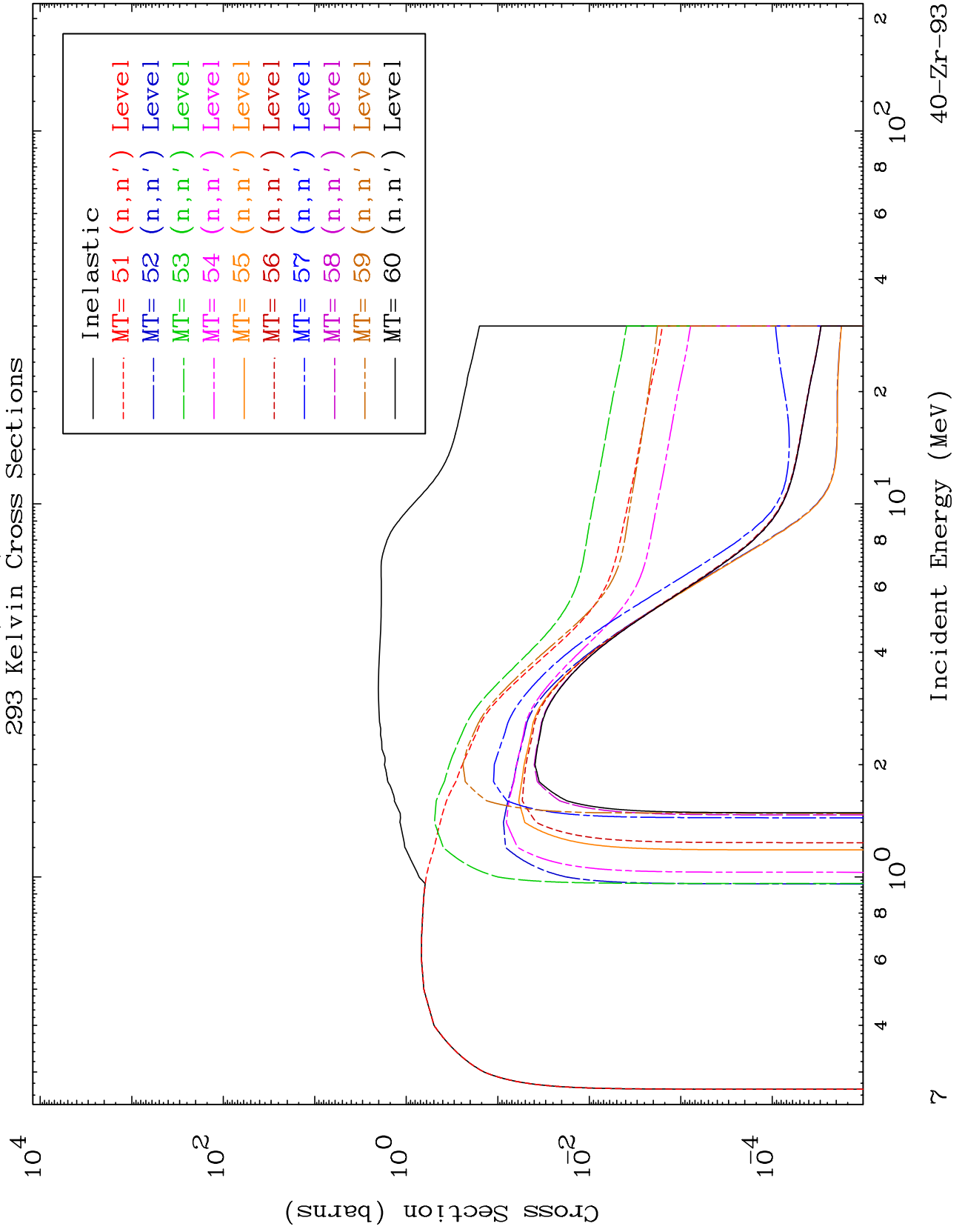
40-Zr-93



MAT 4034

(n,n') Level

40-Zr-93



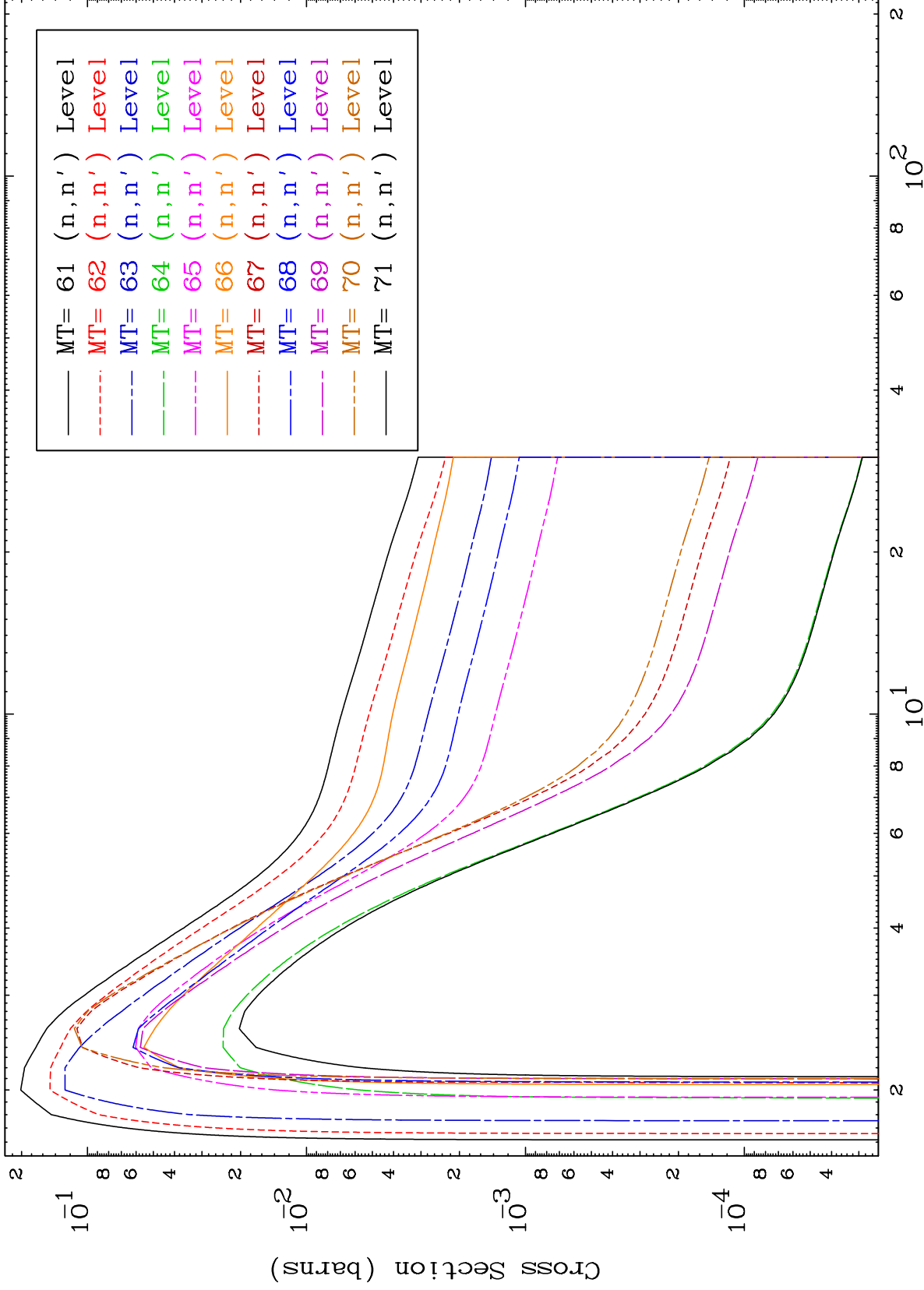


MAT 4034

(n,n') Level

40-Zr-93

293 Kelvin Cross Sections



8

Incident Energy (MeV)

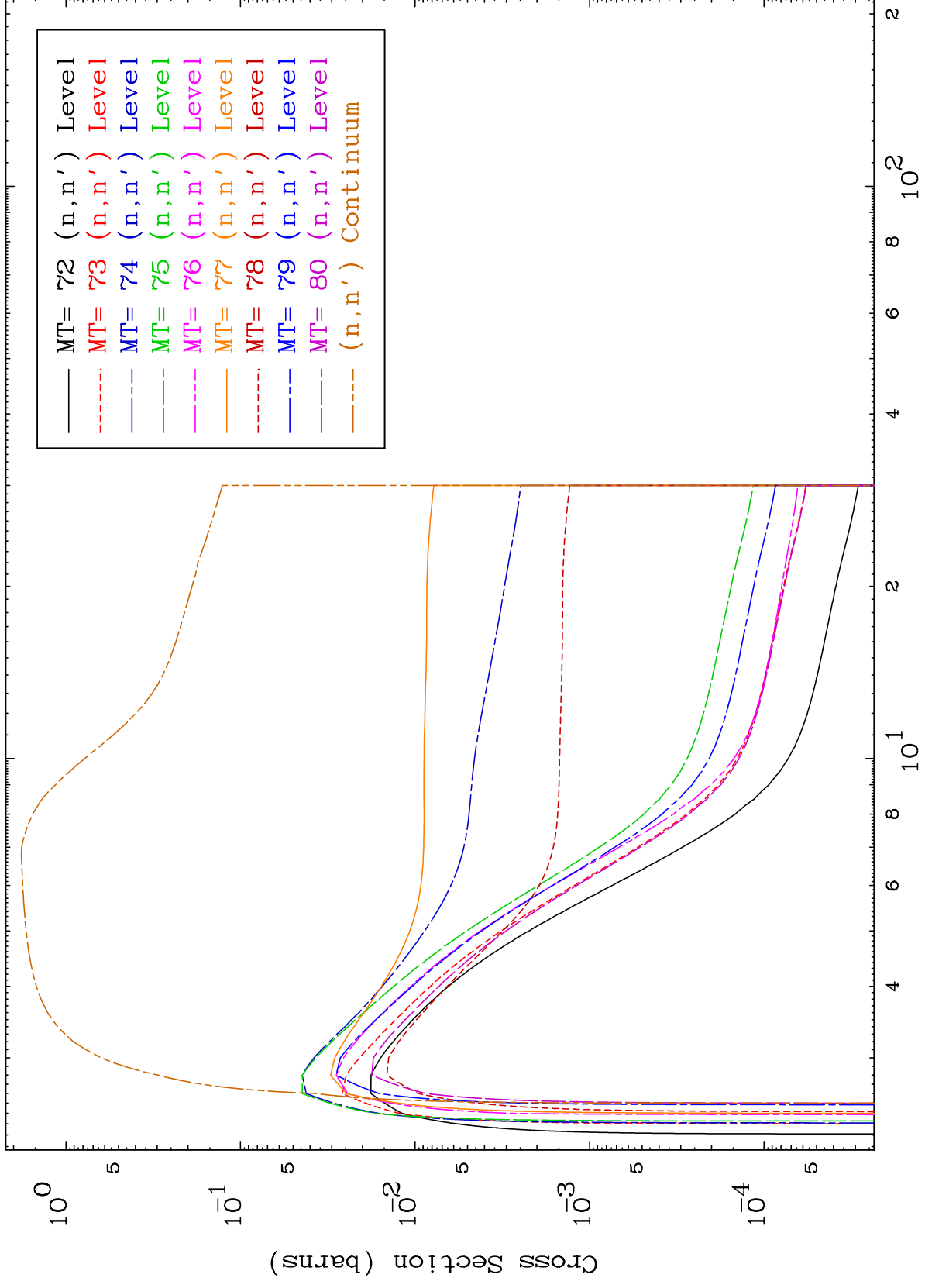
40-Zr-93

MAT 4034

(n,n') Level

40-Zr-93

293 Kelvin Cross Sections



9

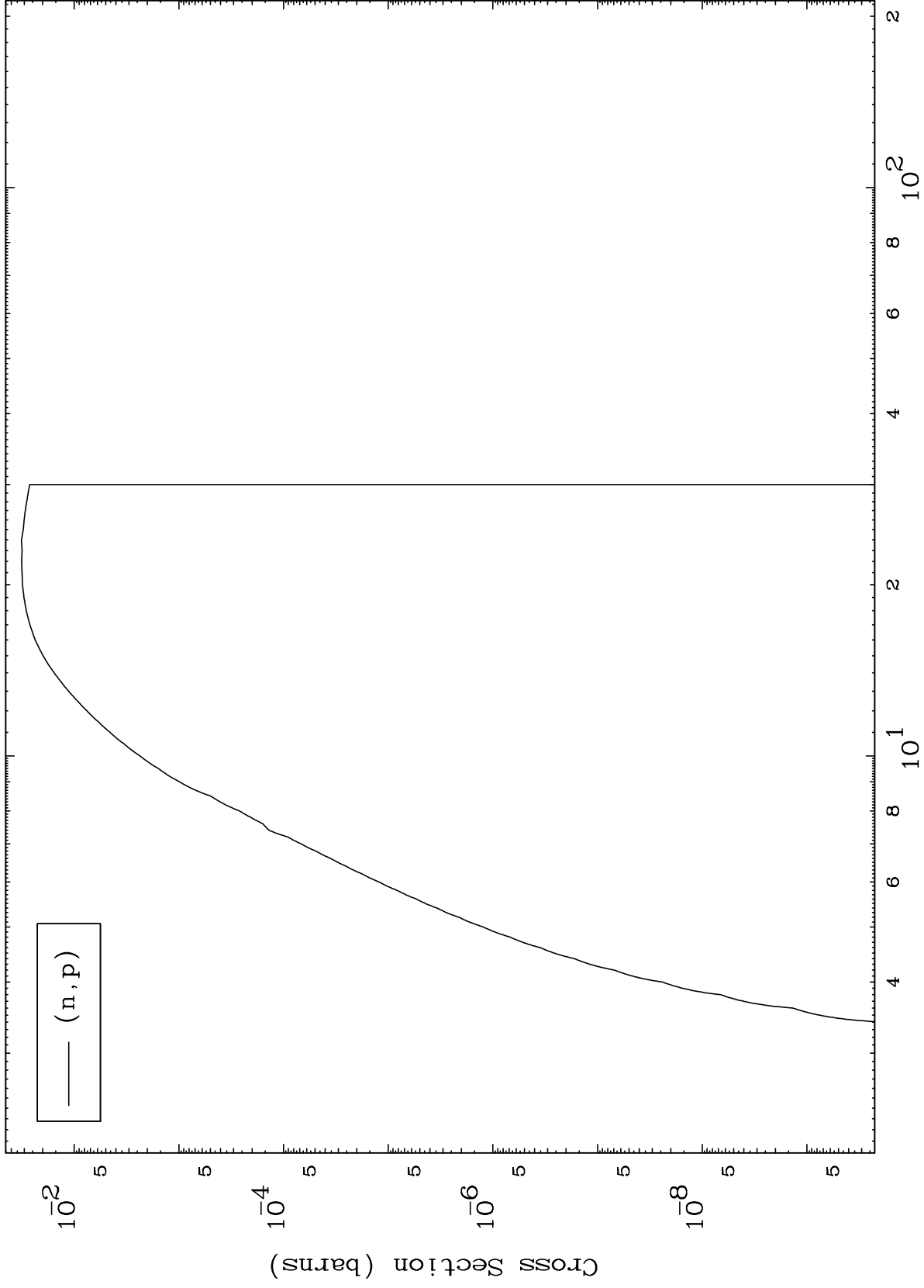
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-93



10

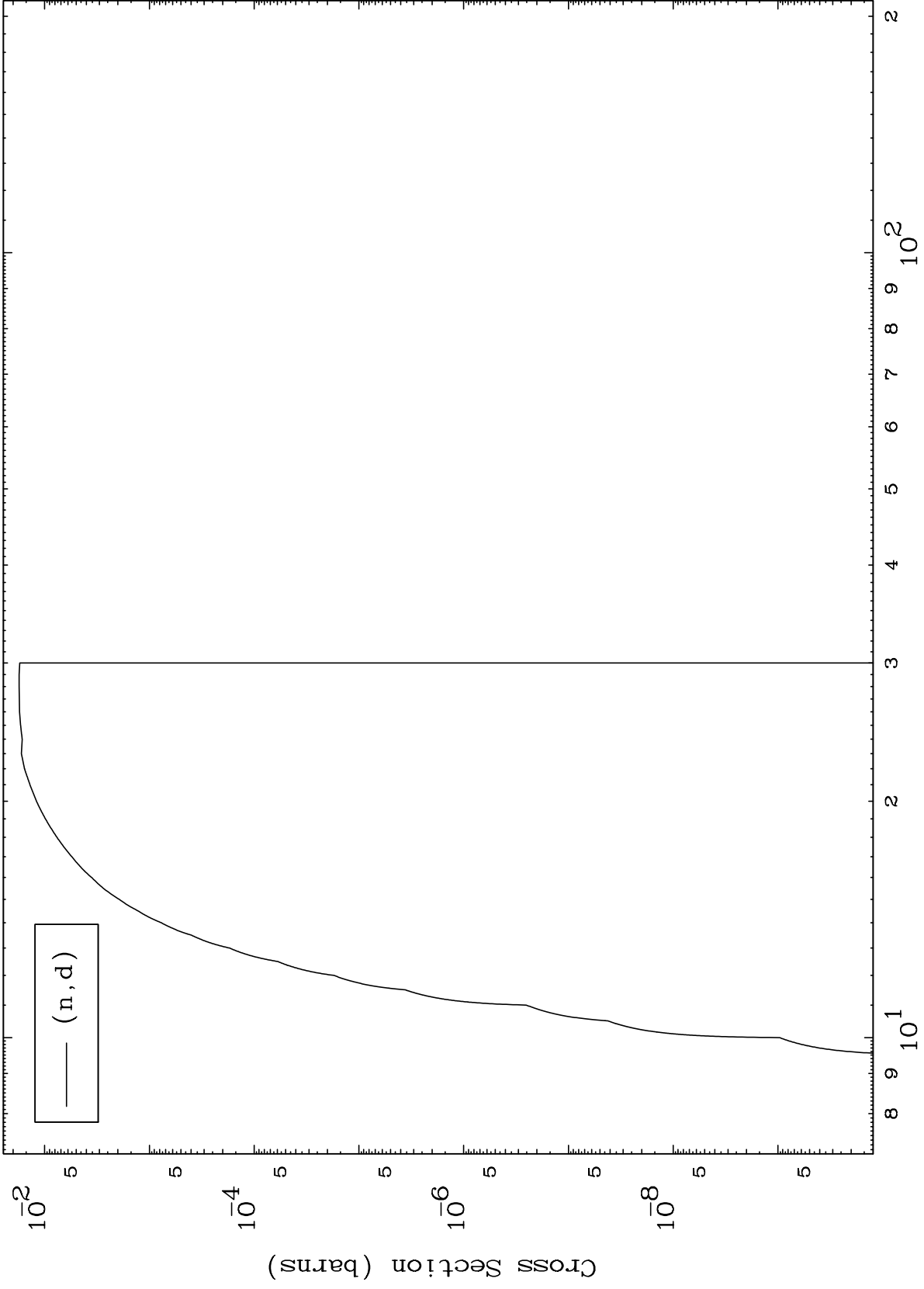
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,d) Levels  
293 Kelvin Cross Sections

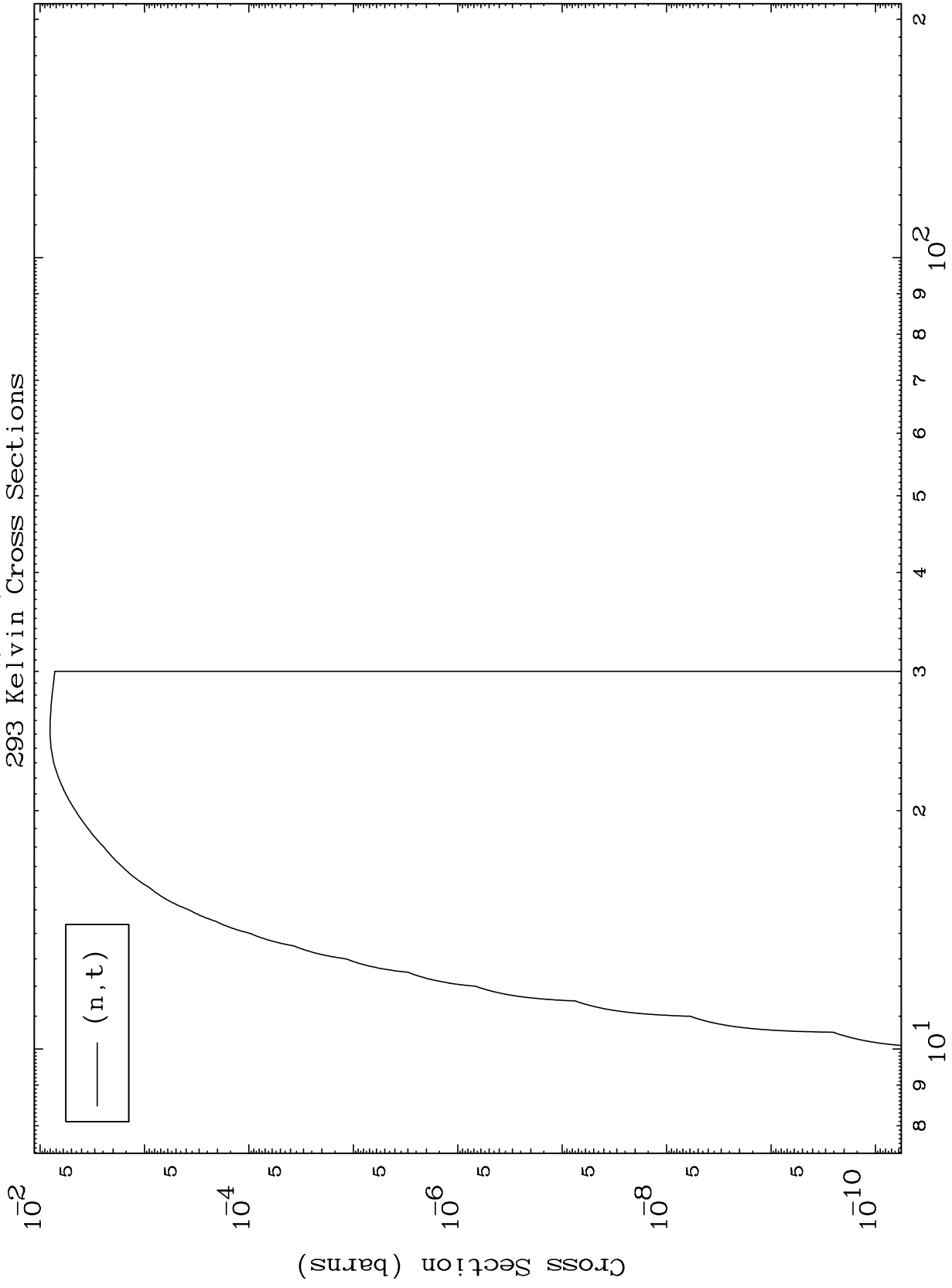
40-Zr-93



MAT 4034

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-93



12

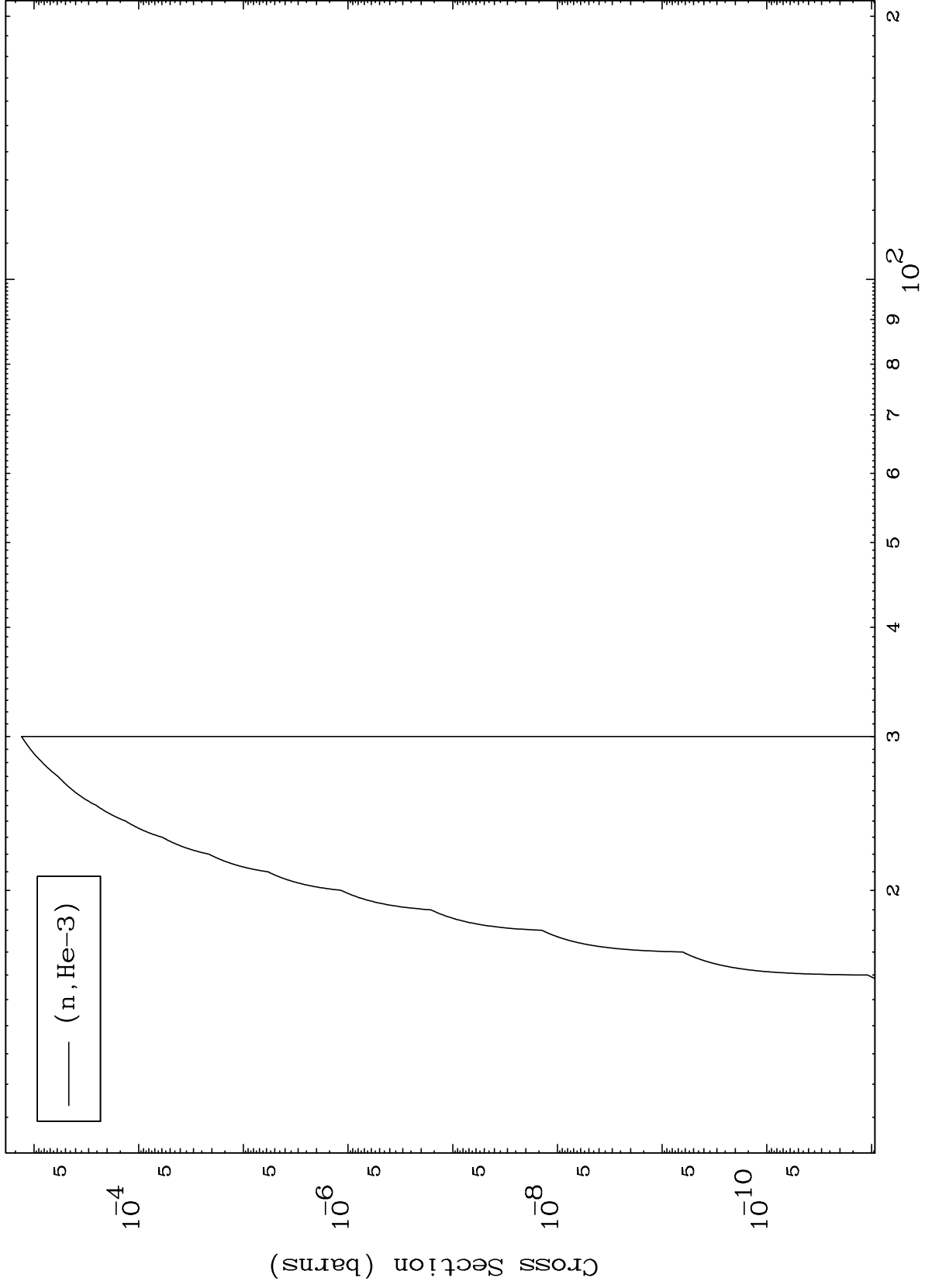
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-93



13

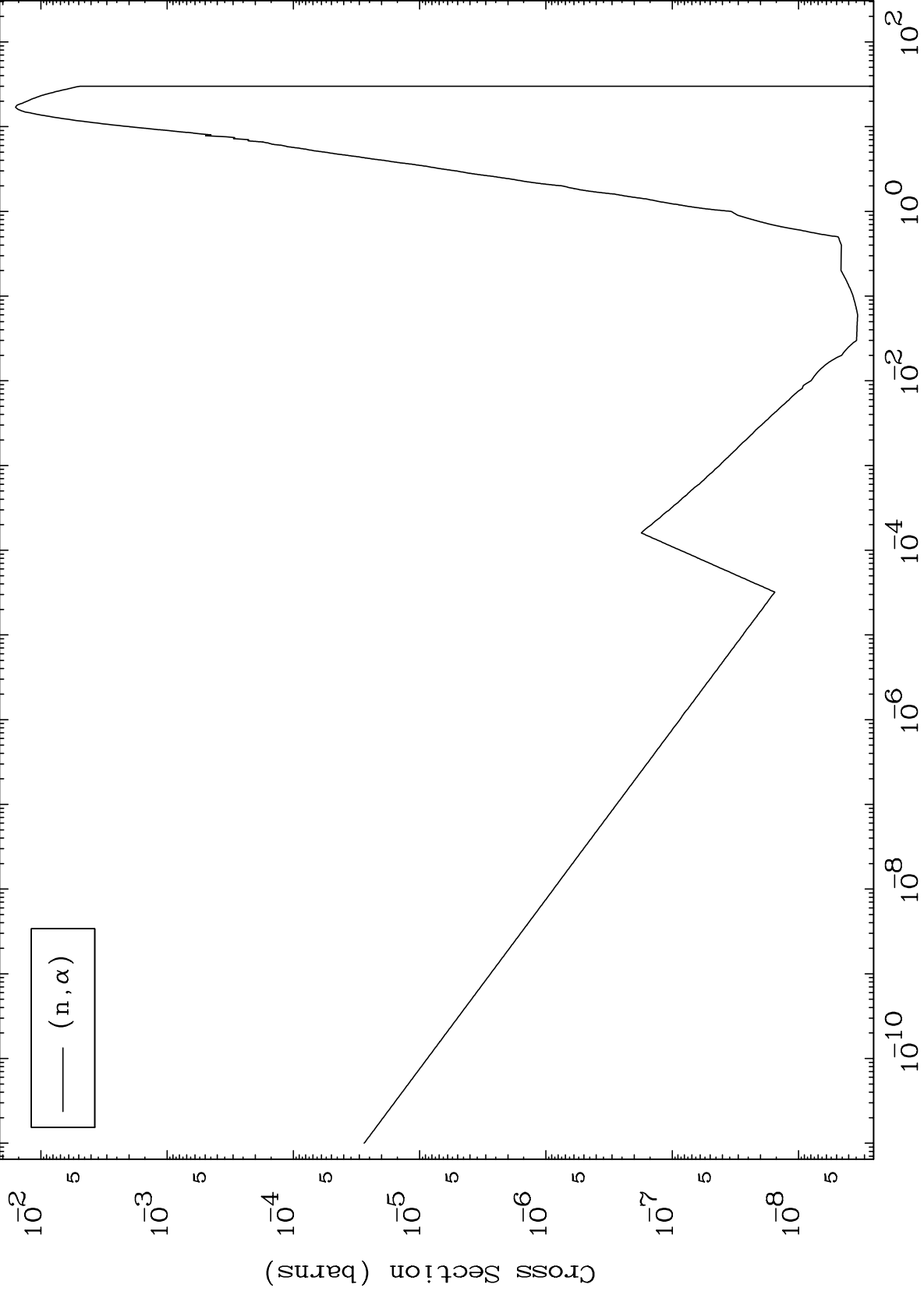
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

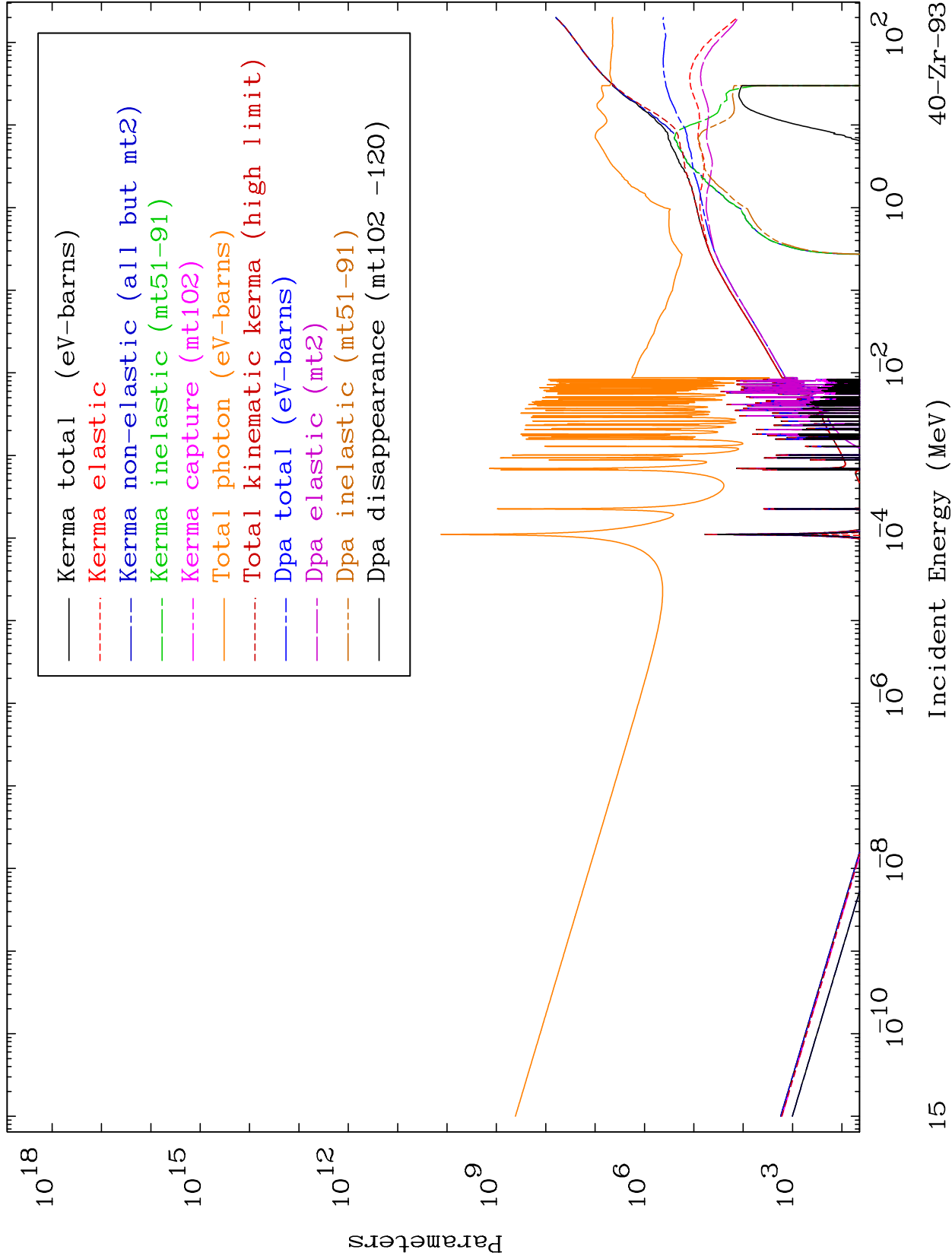
40-Zr-93



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Incident Energy (MeV)

40-Zr-93

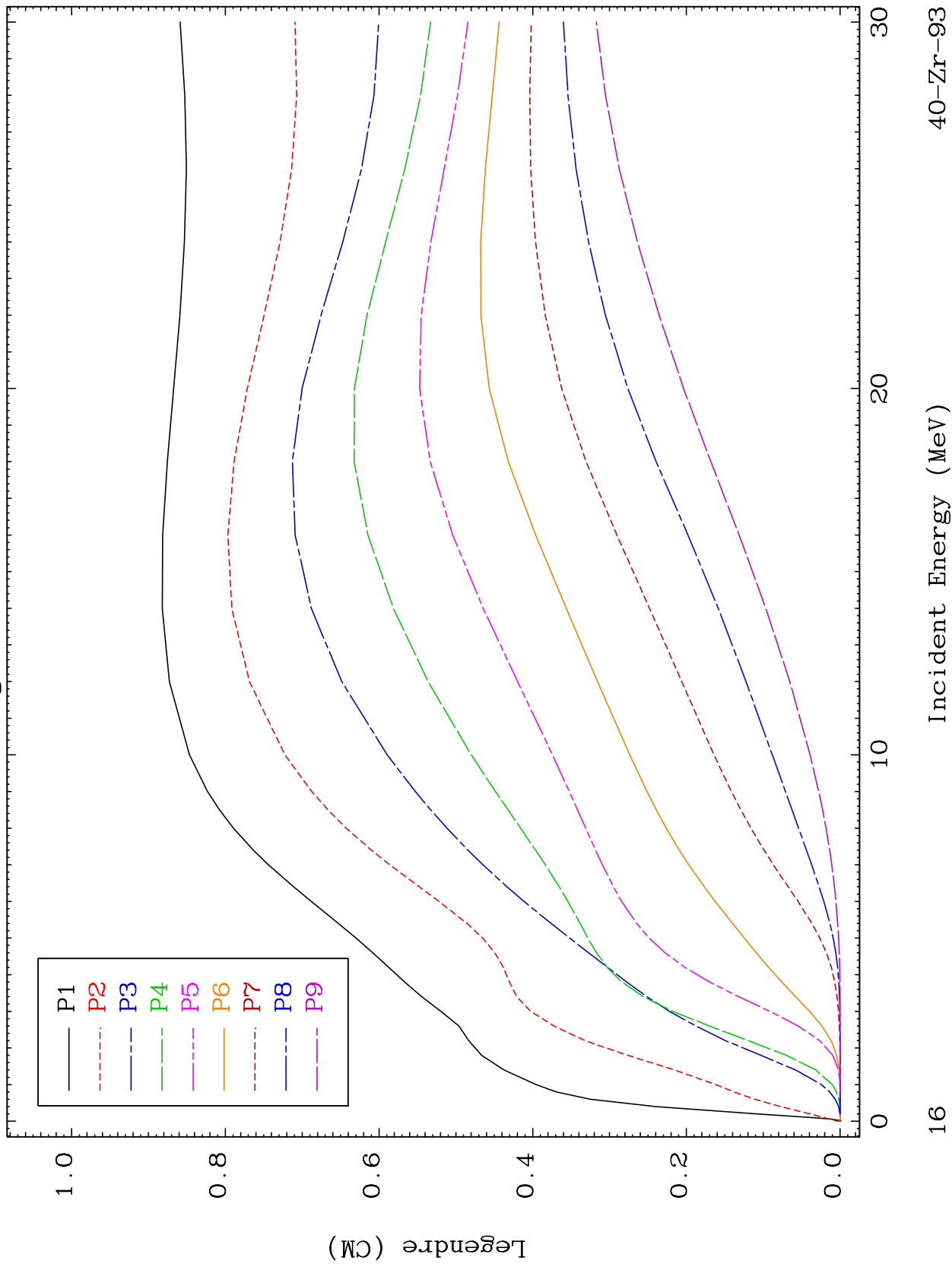




MAT 4034

Elastic Legendre Coefficients

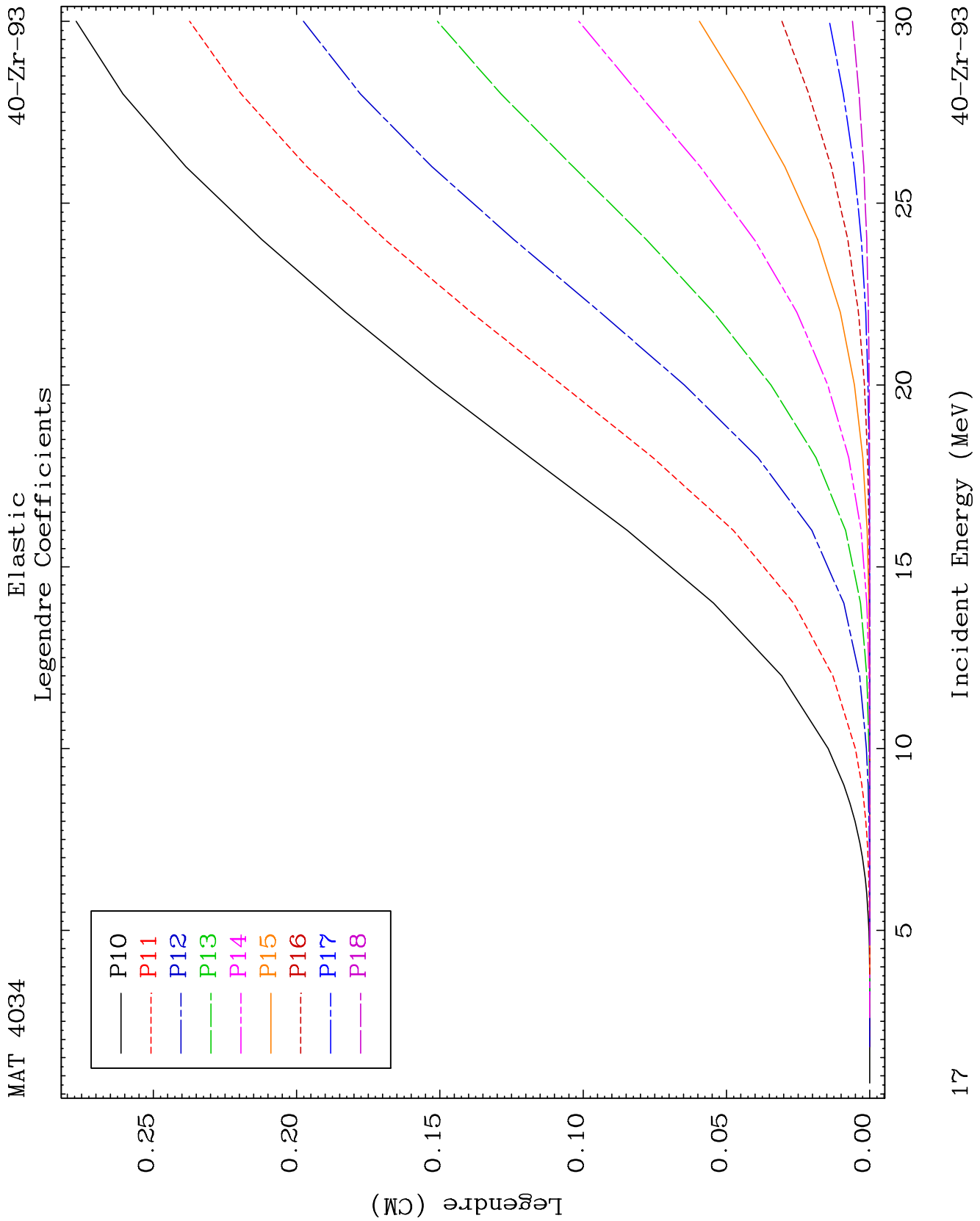
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16

Incident Energy (MeV)

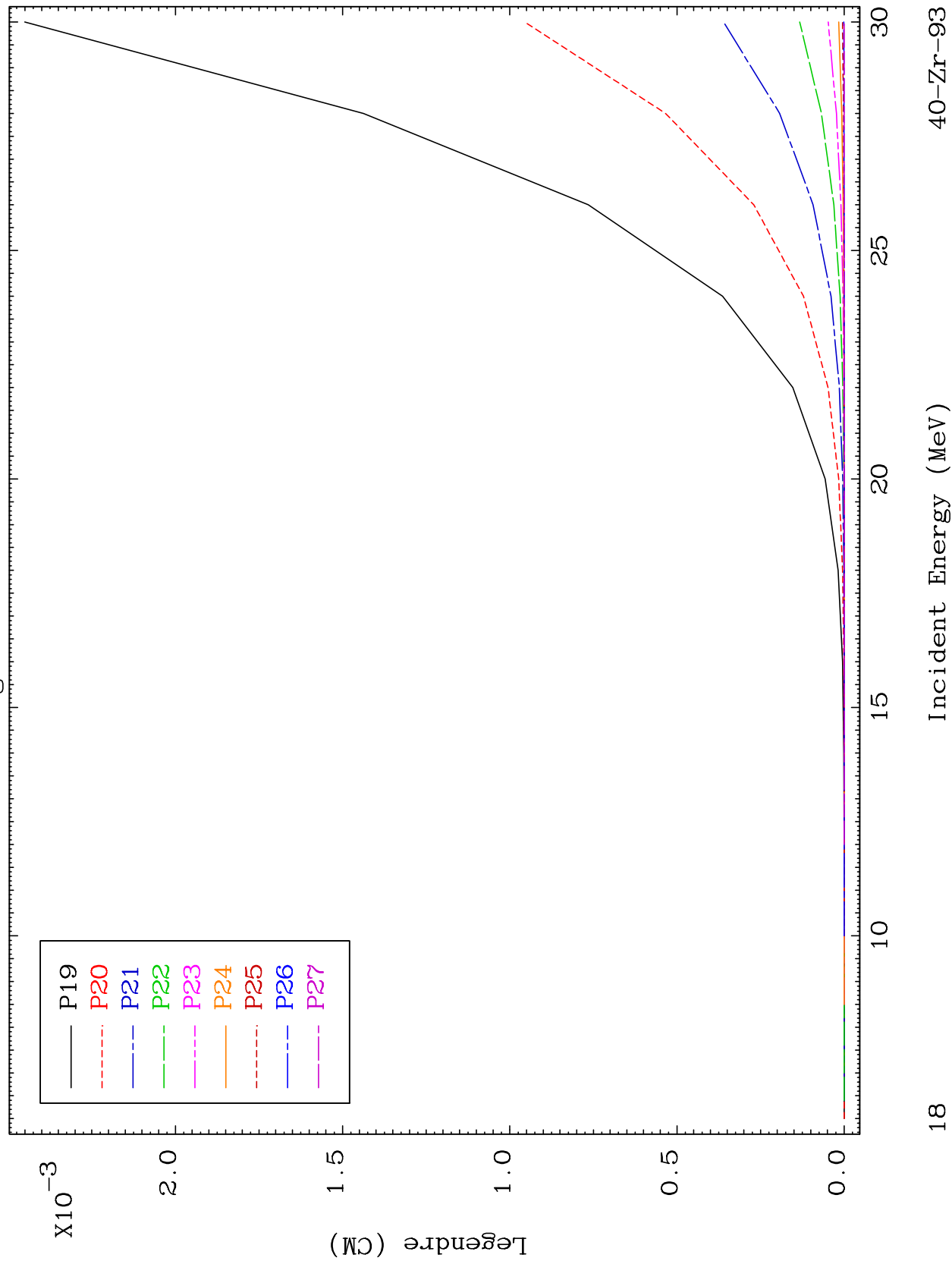
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MAT 4034

Elastic  
Legendre Coefficients

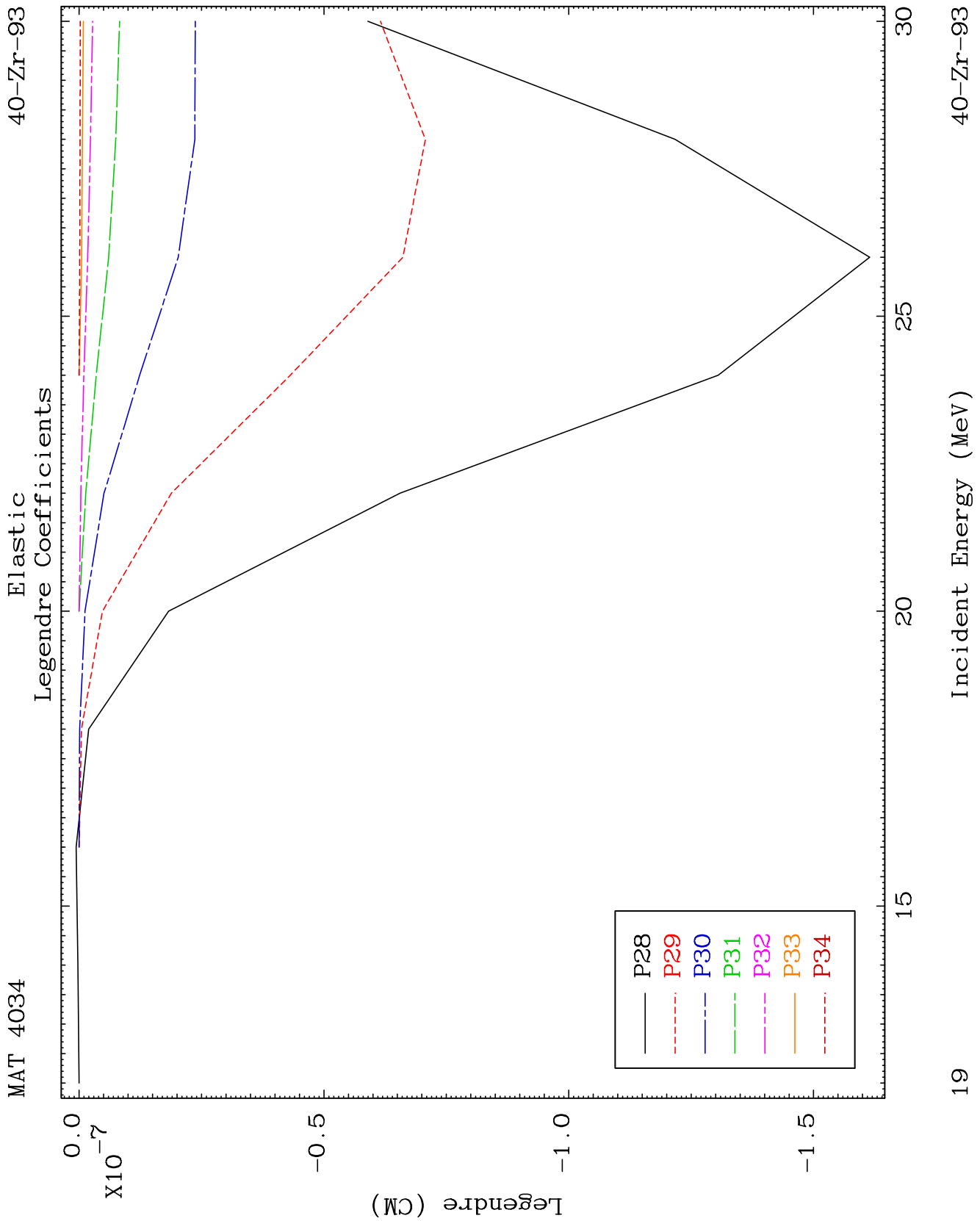
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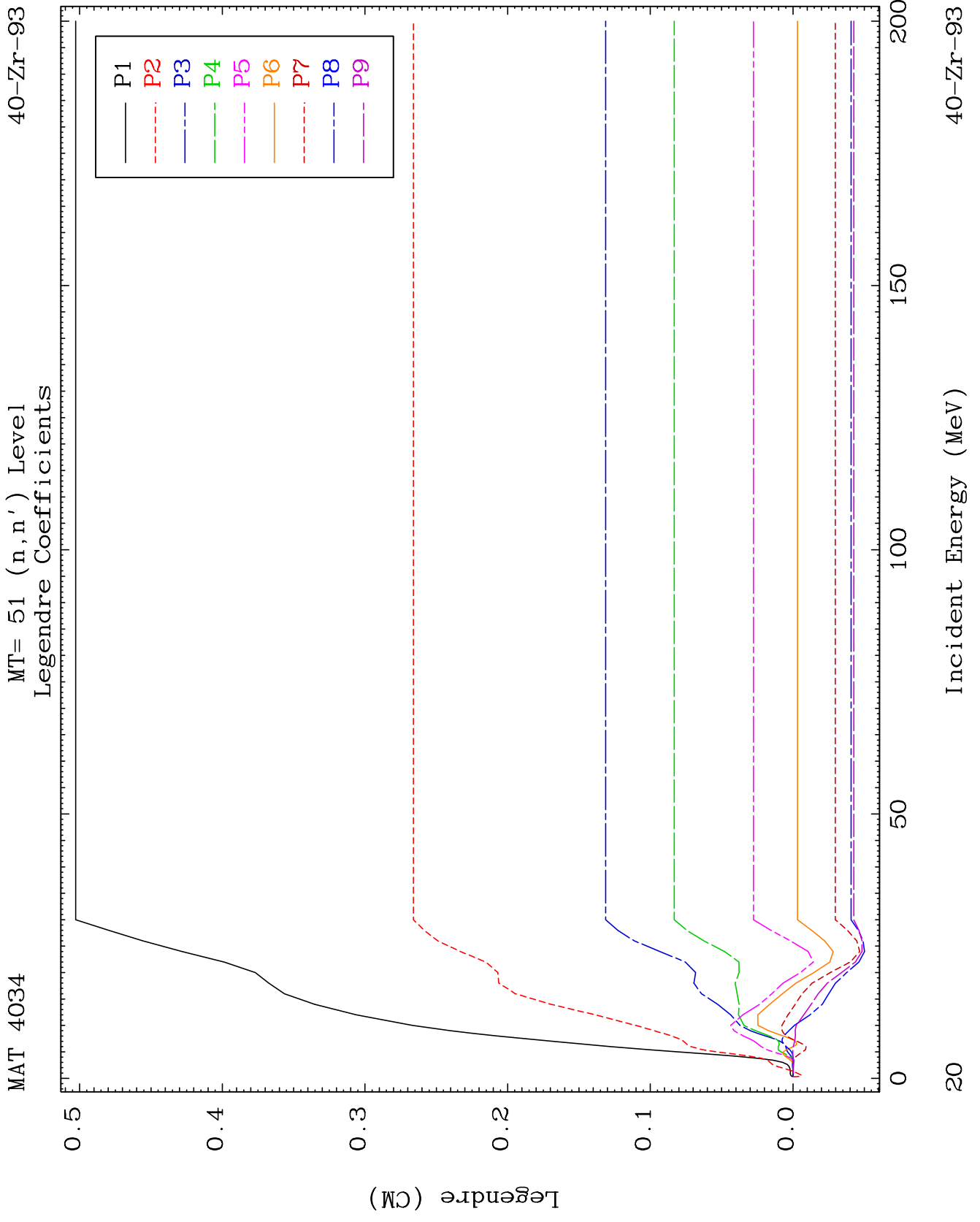


18

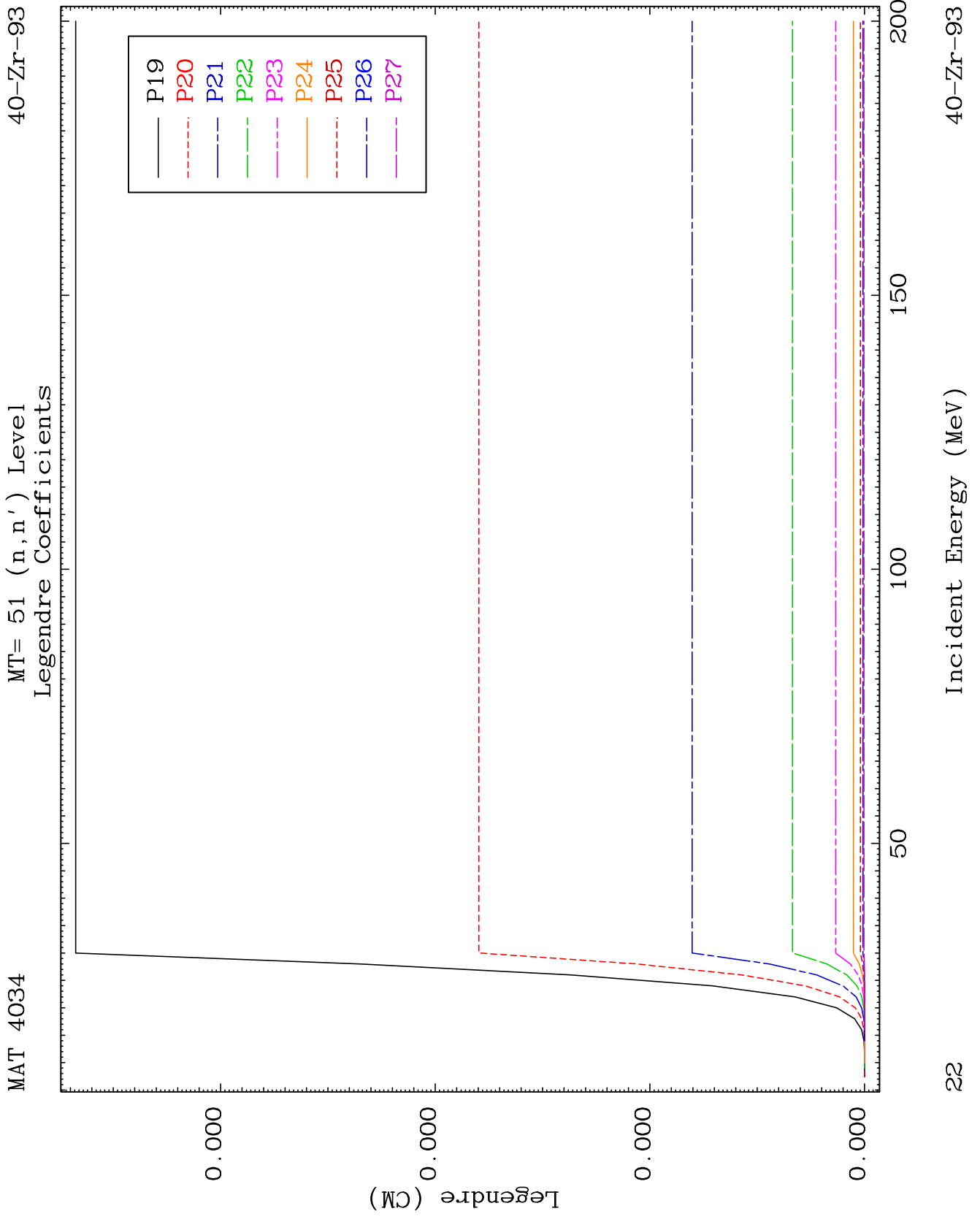
Incident Energy (MeV)

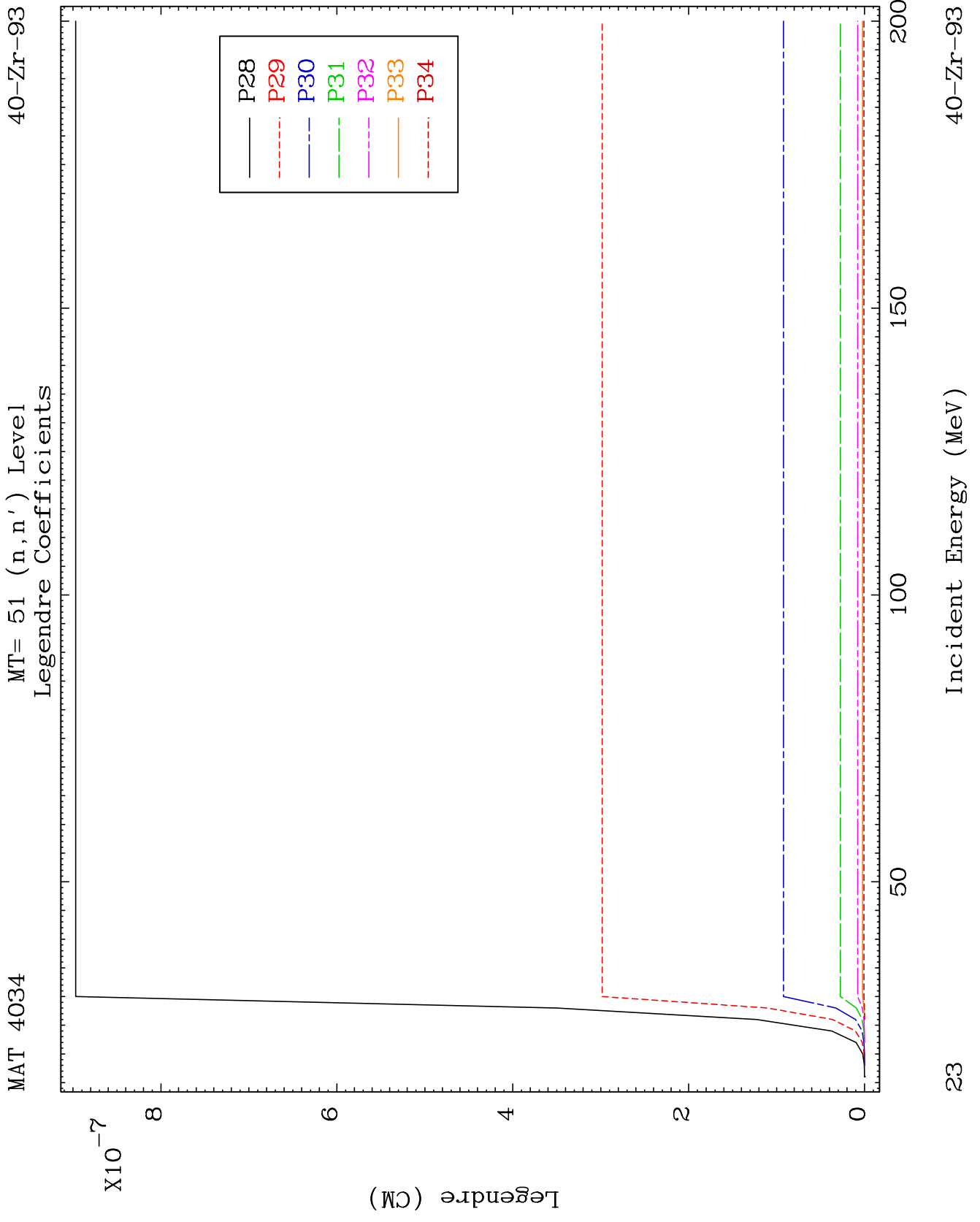
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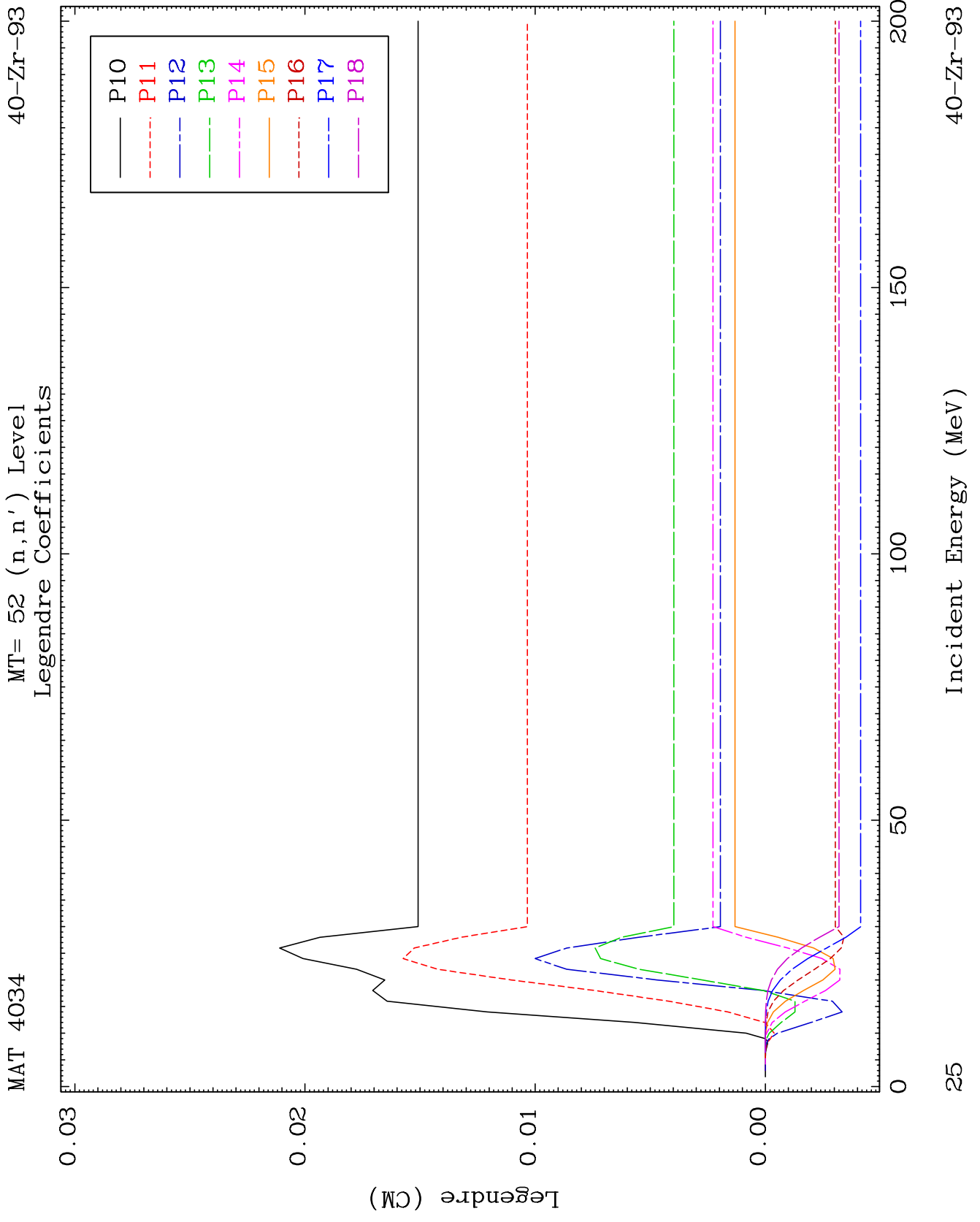


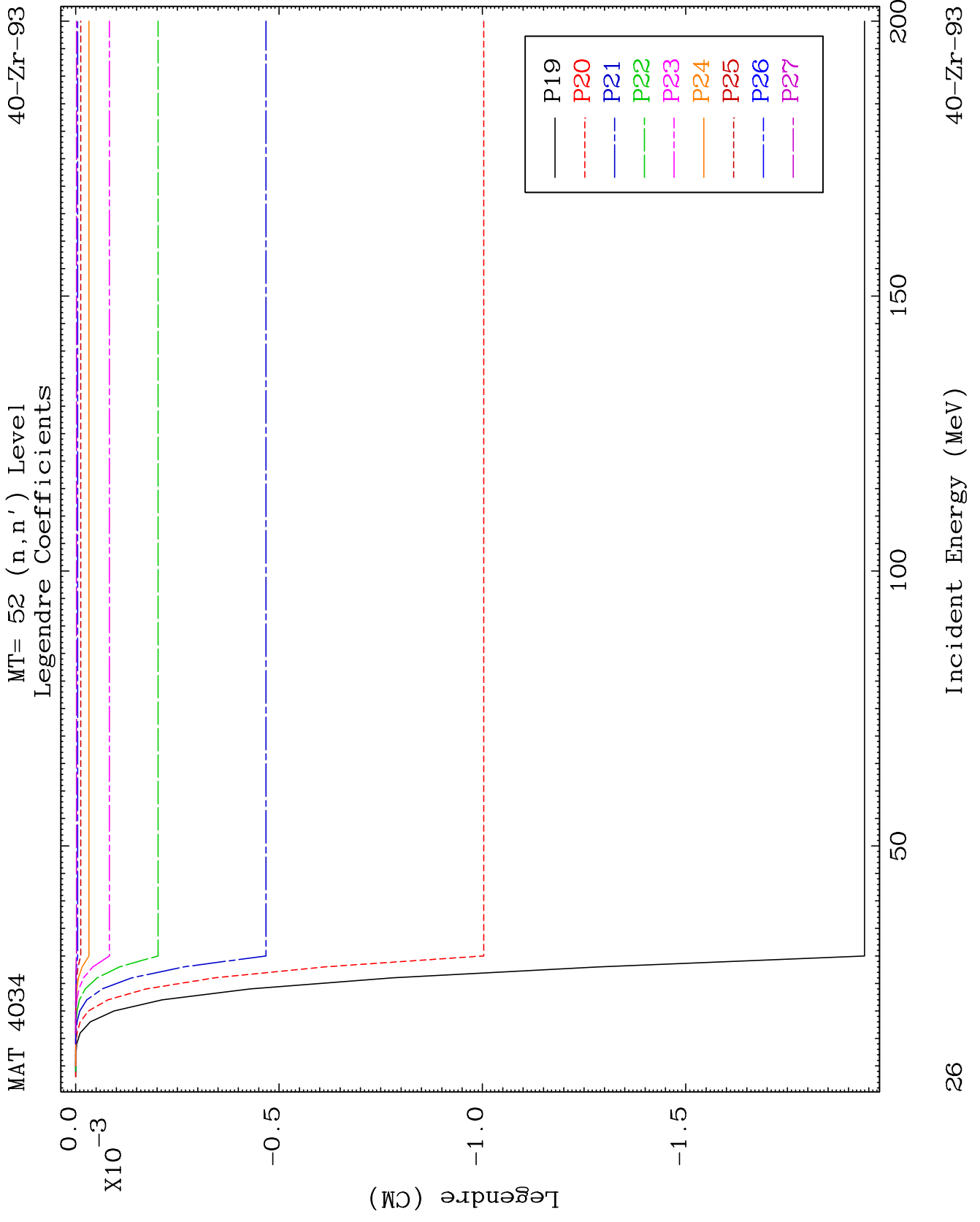


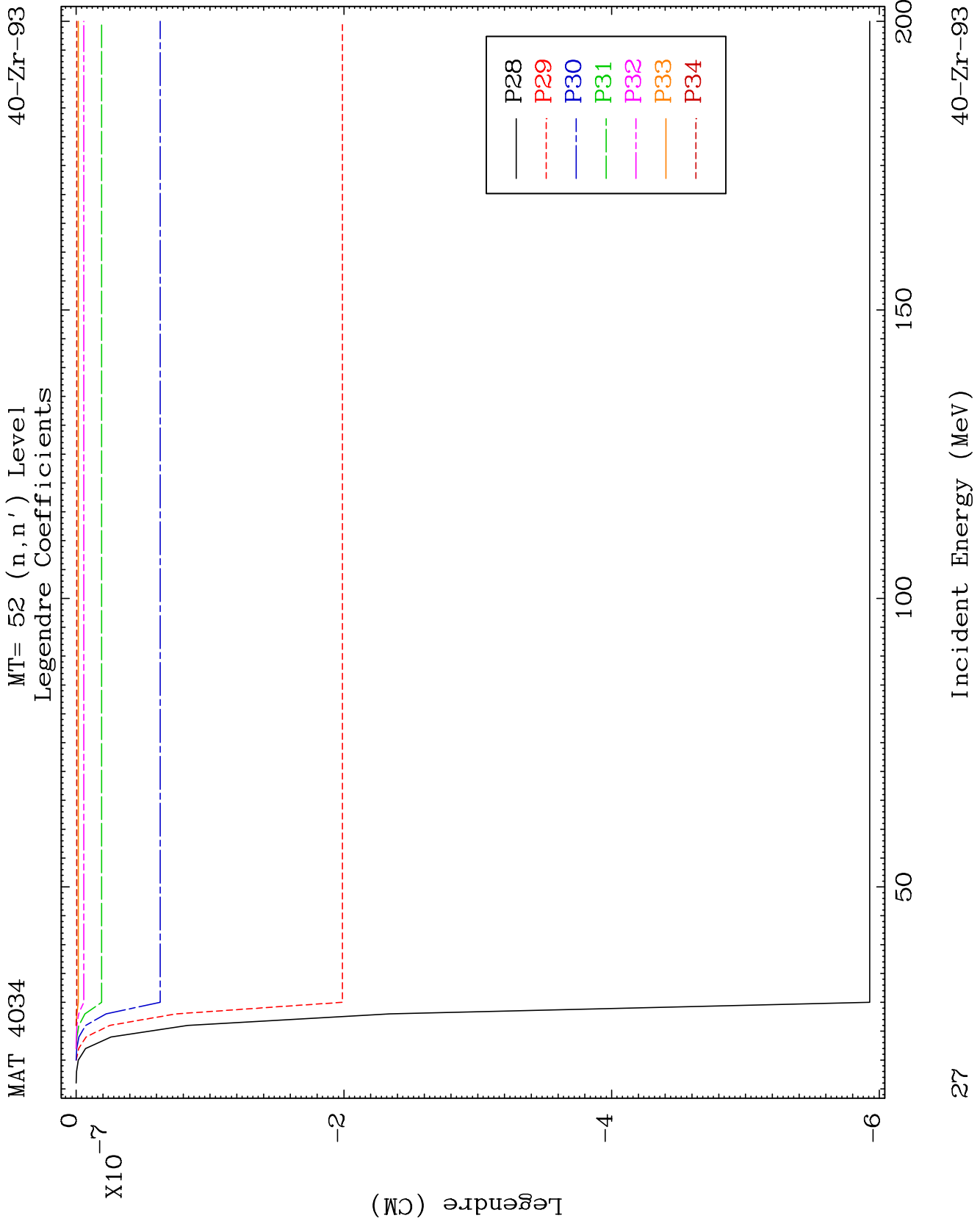










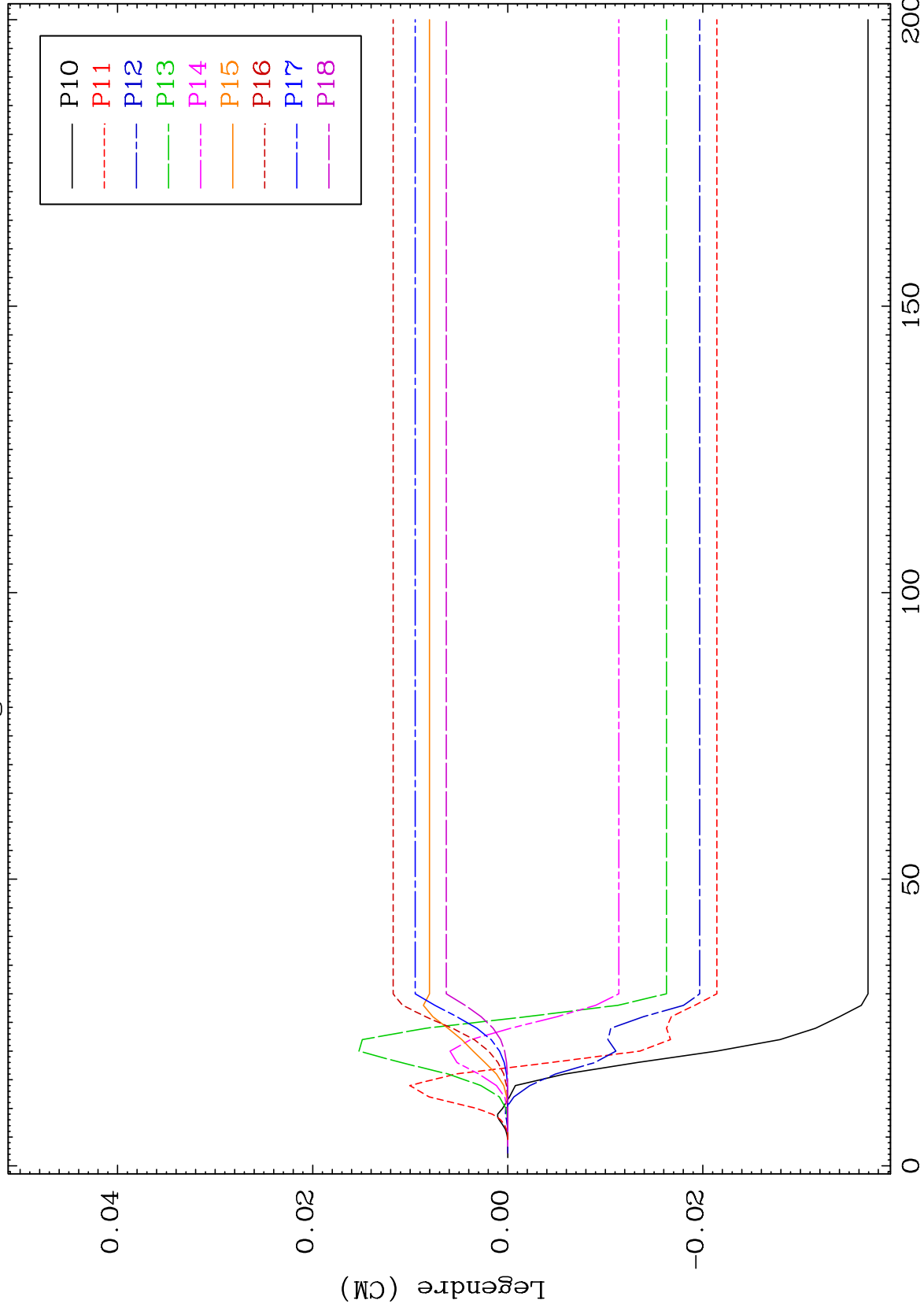




MAT 4034

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

40-Zr-93



29

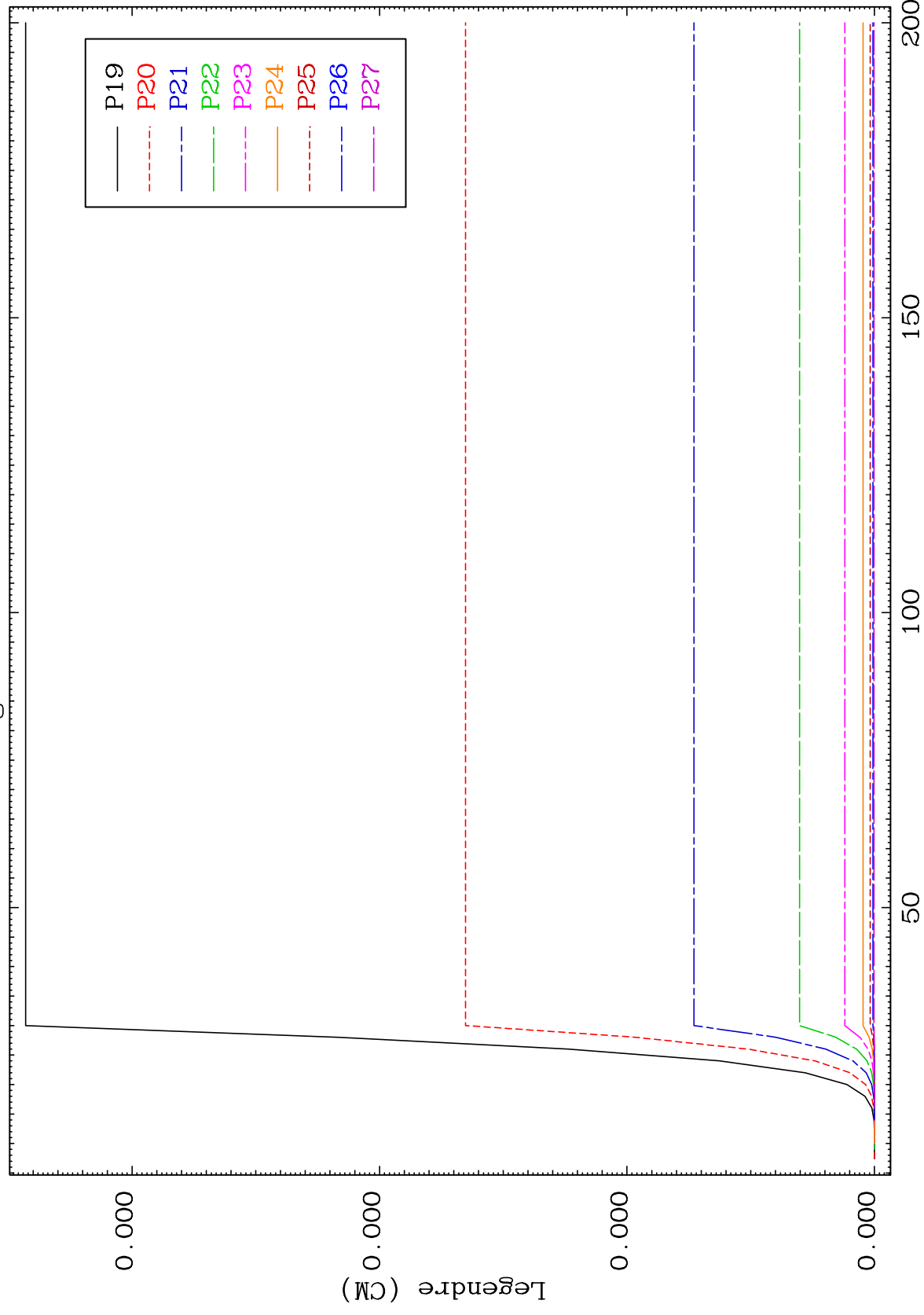
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



30

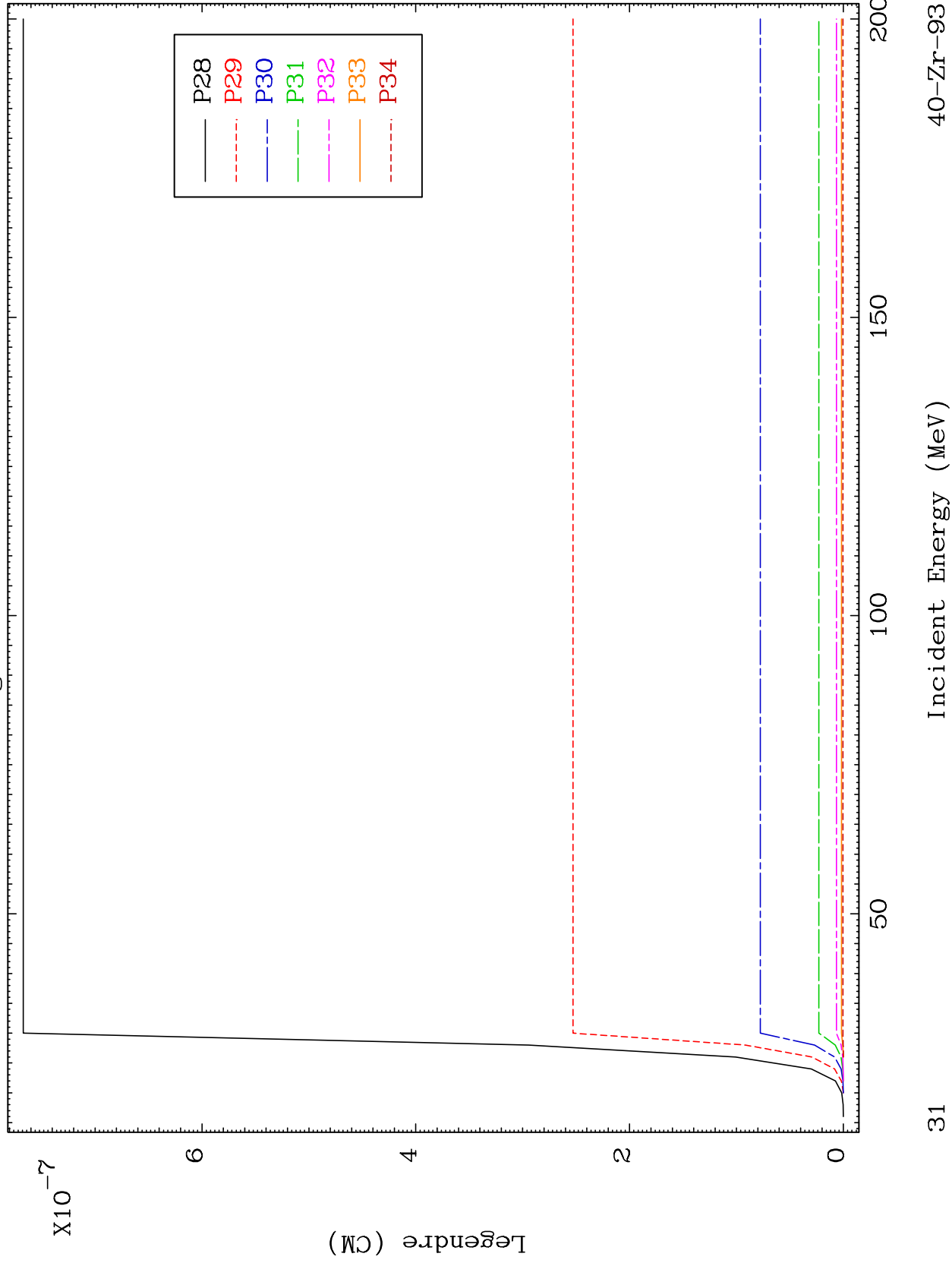
Incident Energy (MeV)

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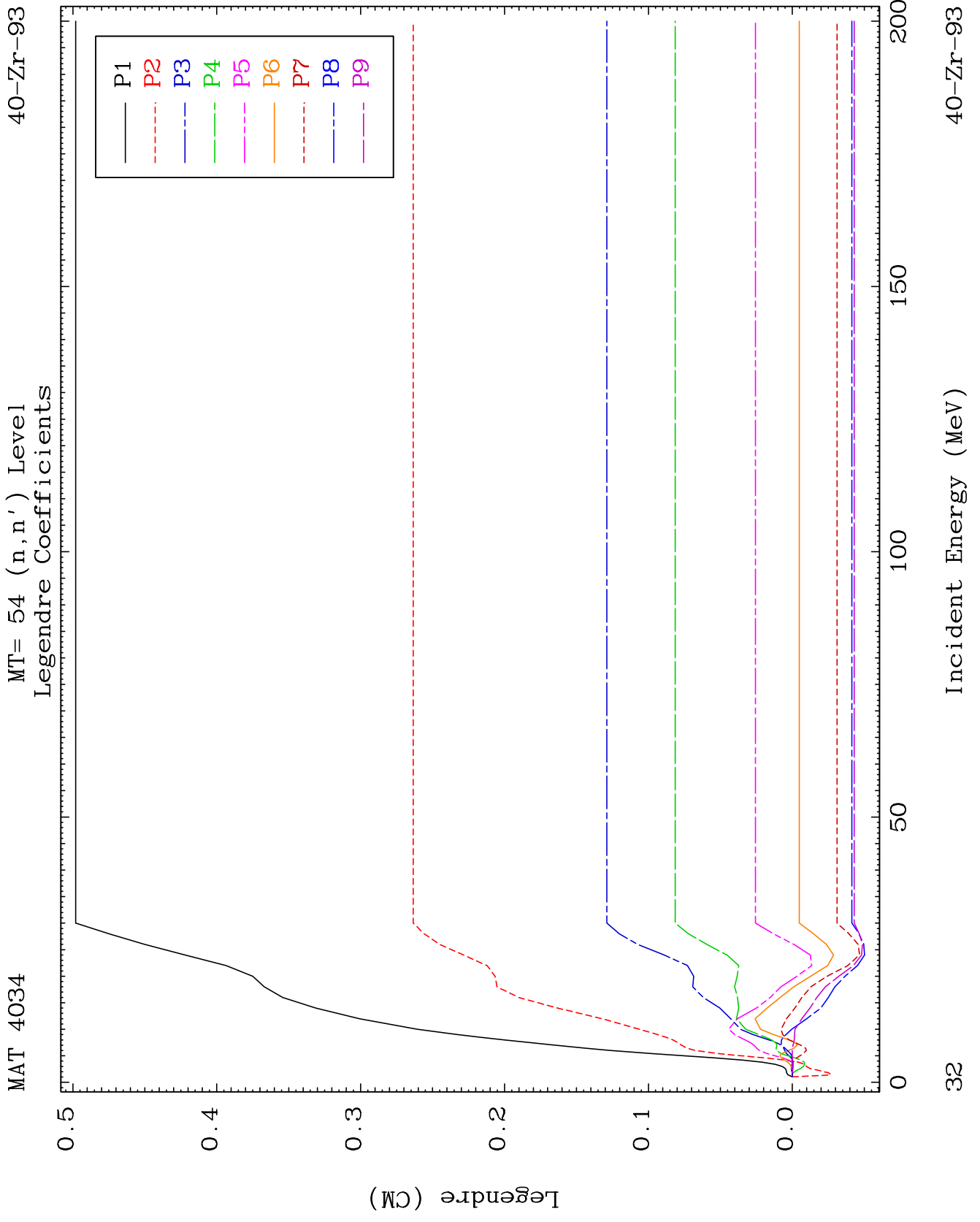
MAT 4034

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

40-Zr-93



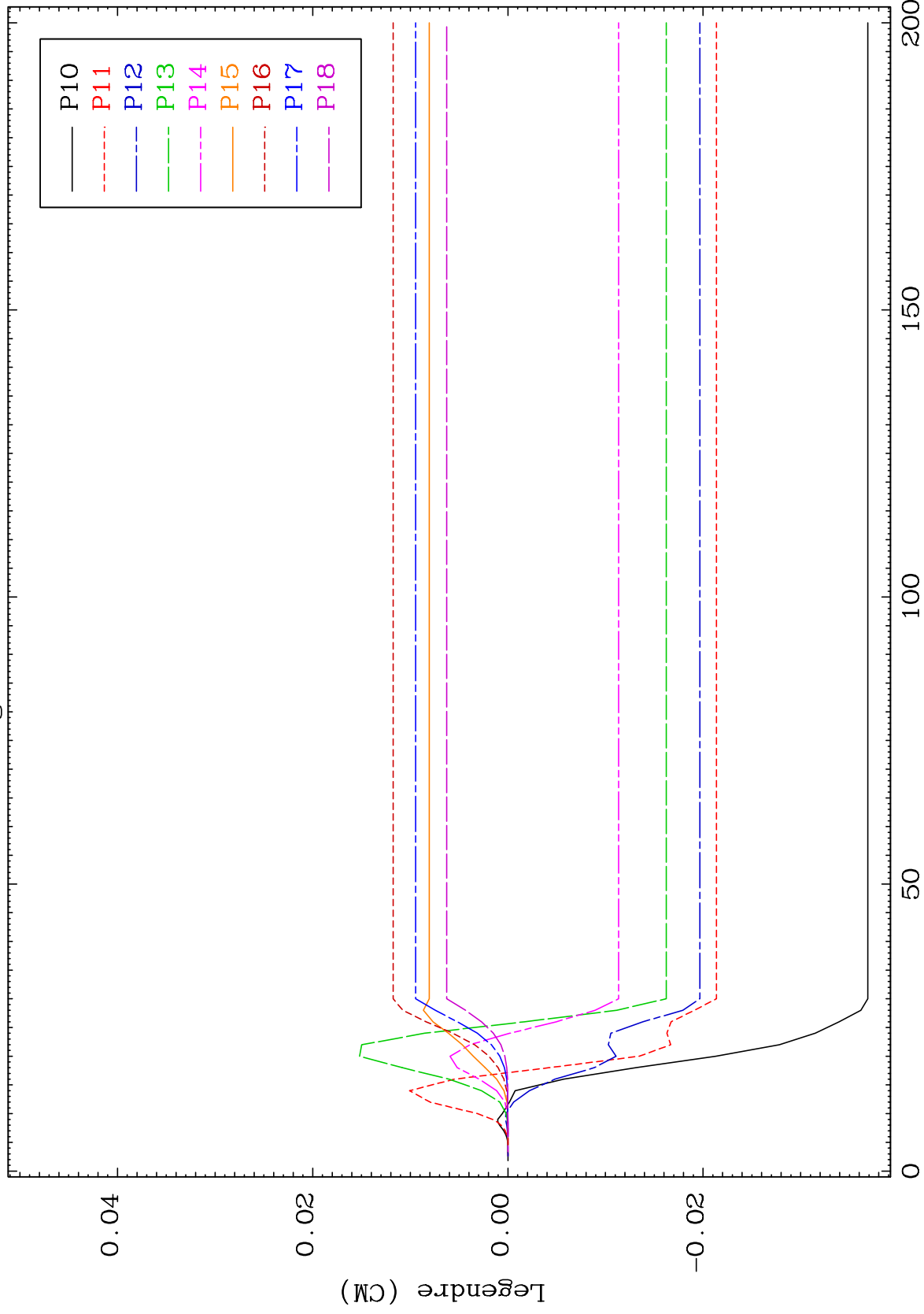




MAT 4034

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

40-Zr-93



33

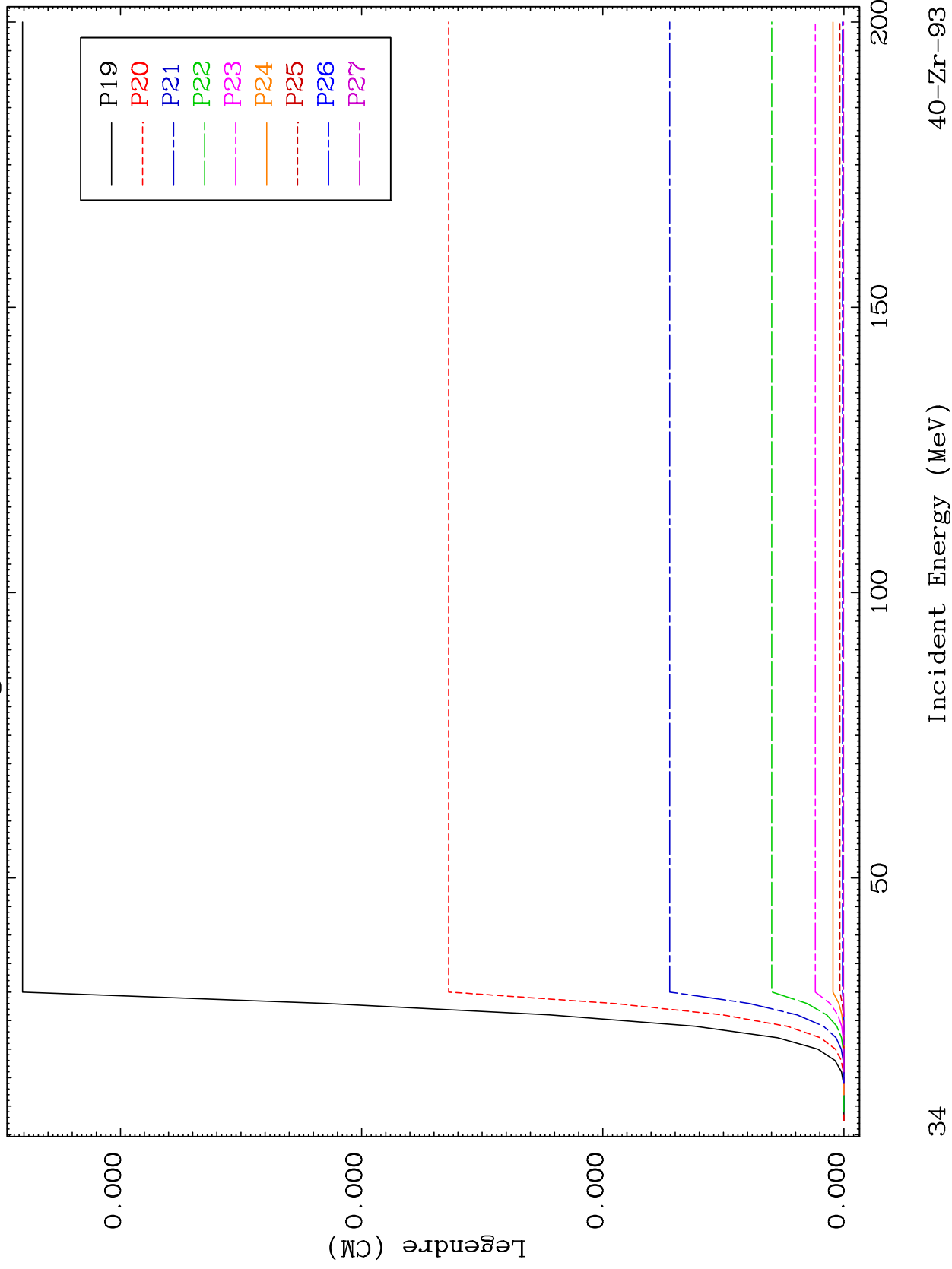
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



34

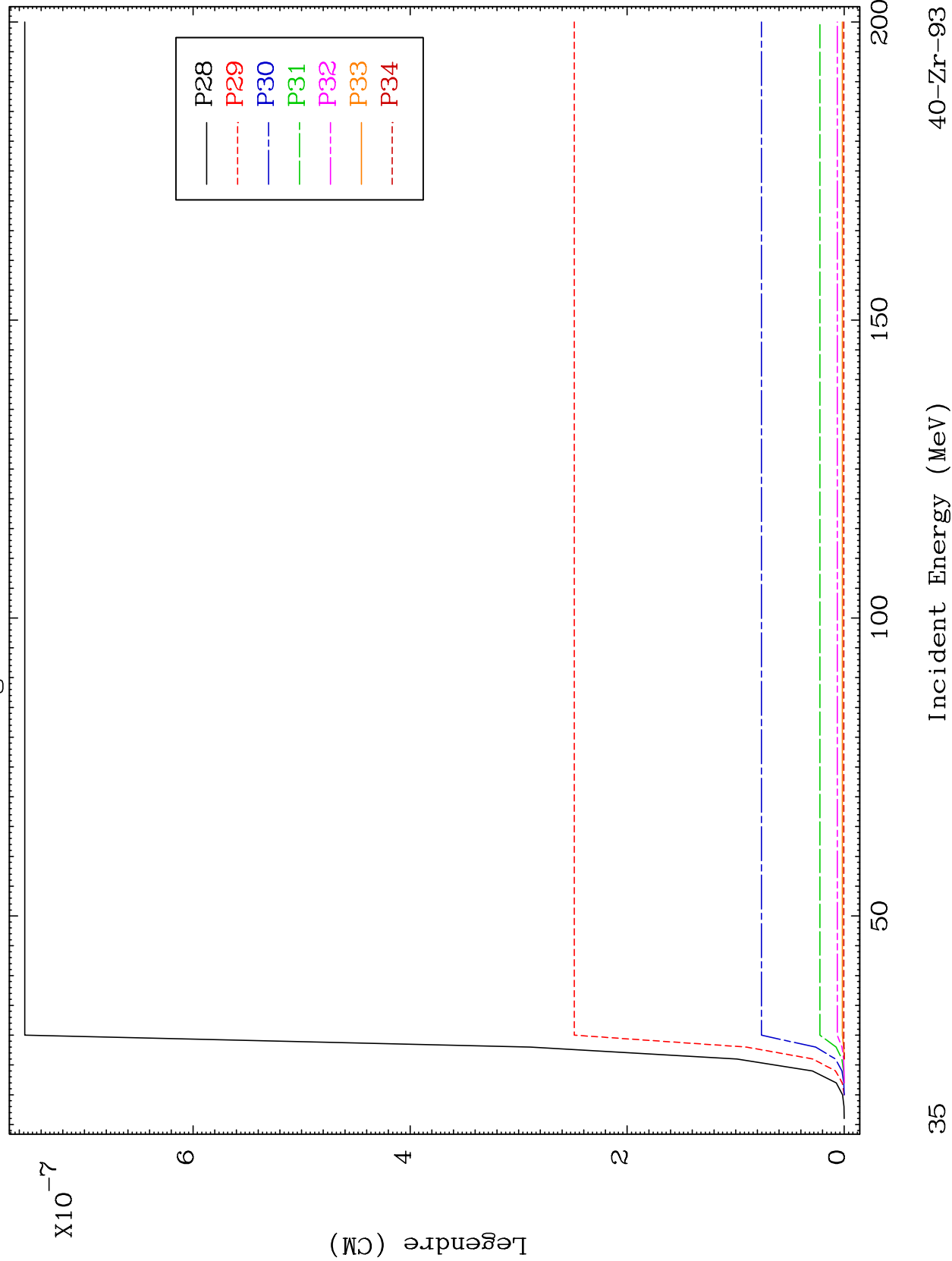
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



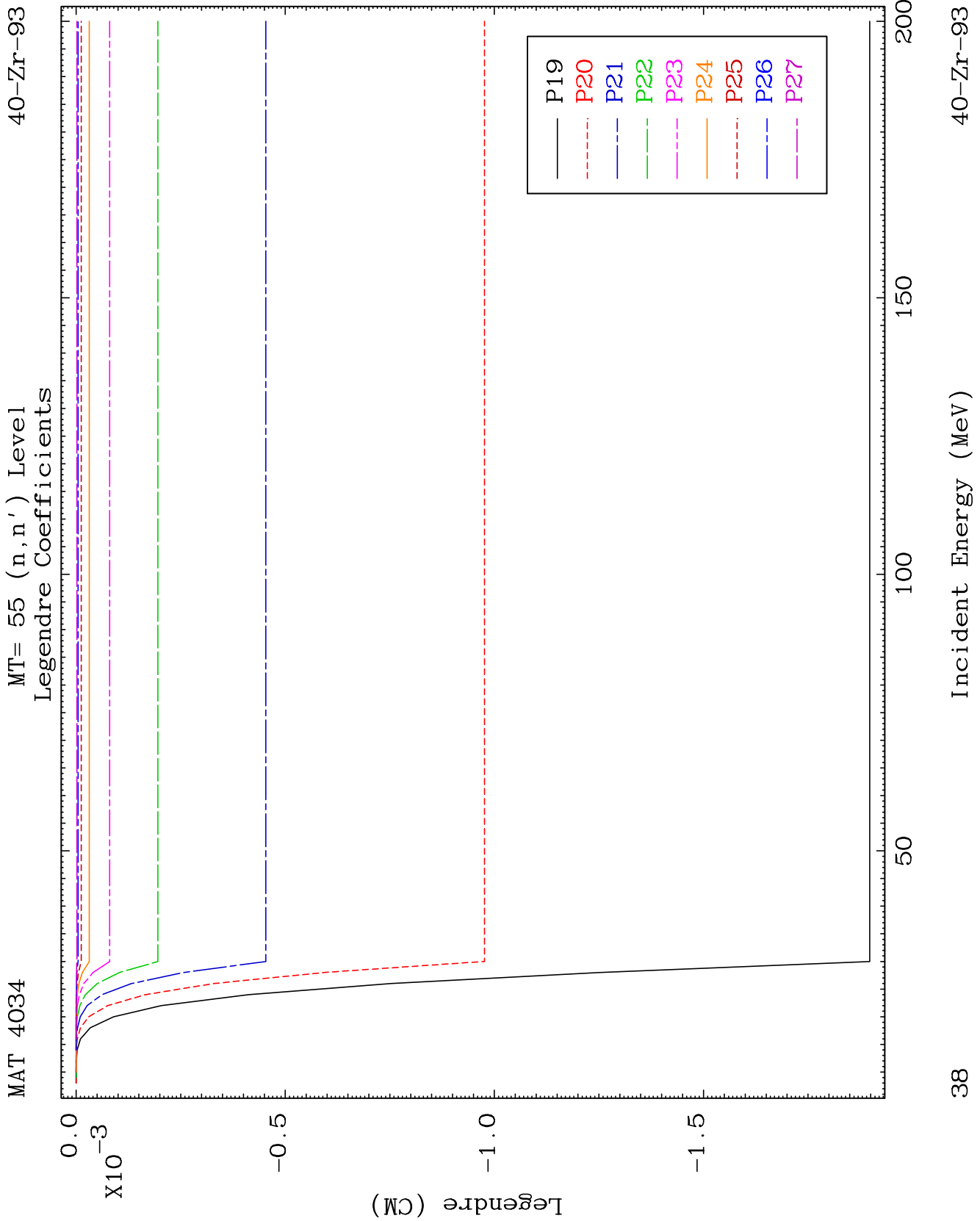
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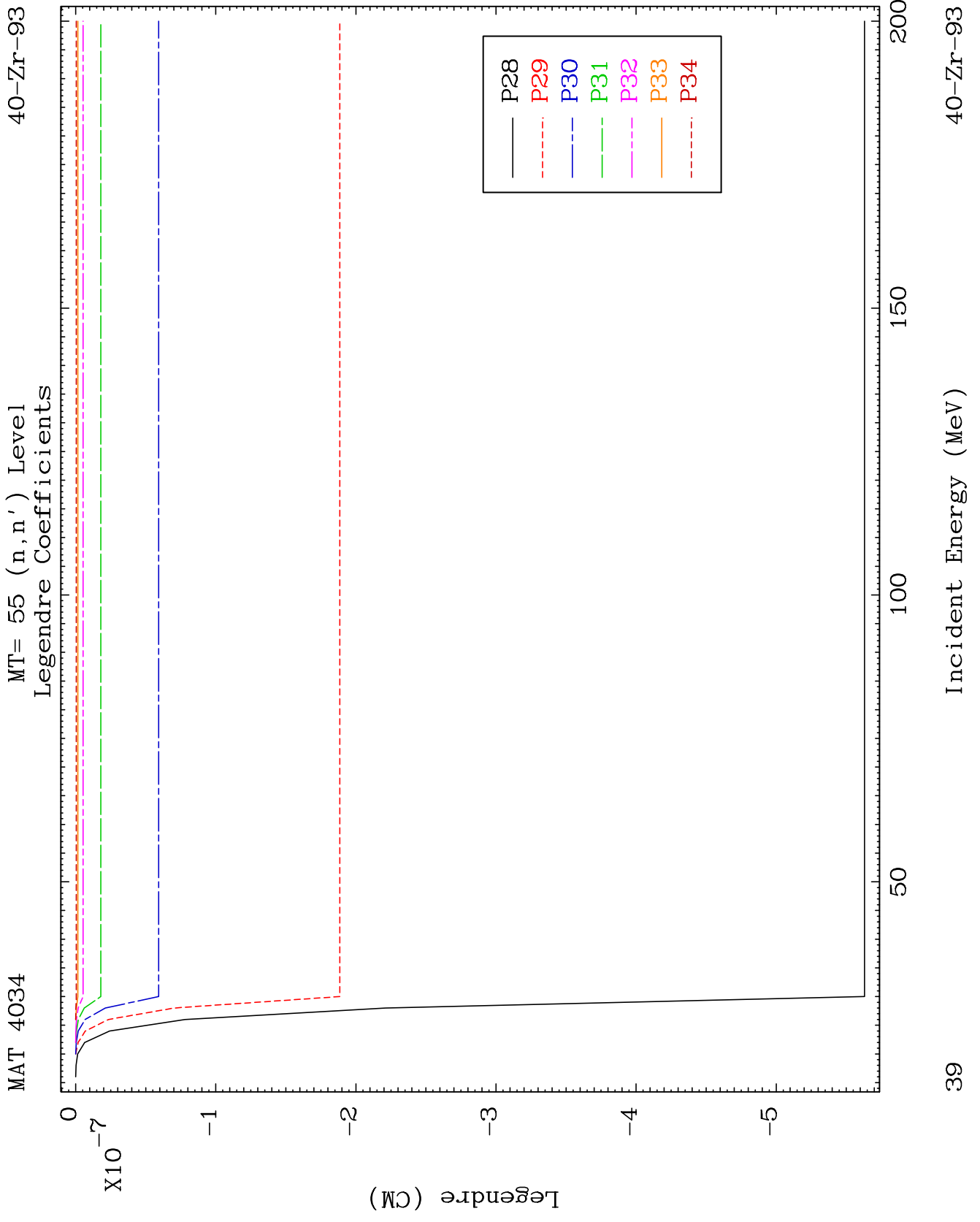
Incident Energy (MeV)

40-Zr-93

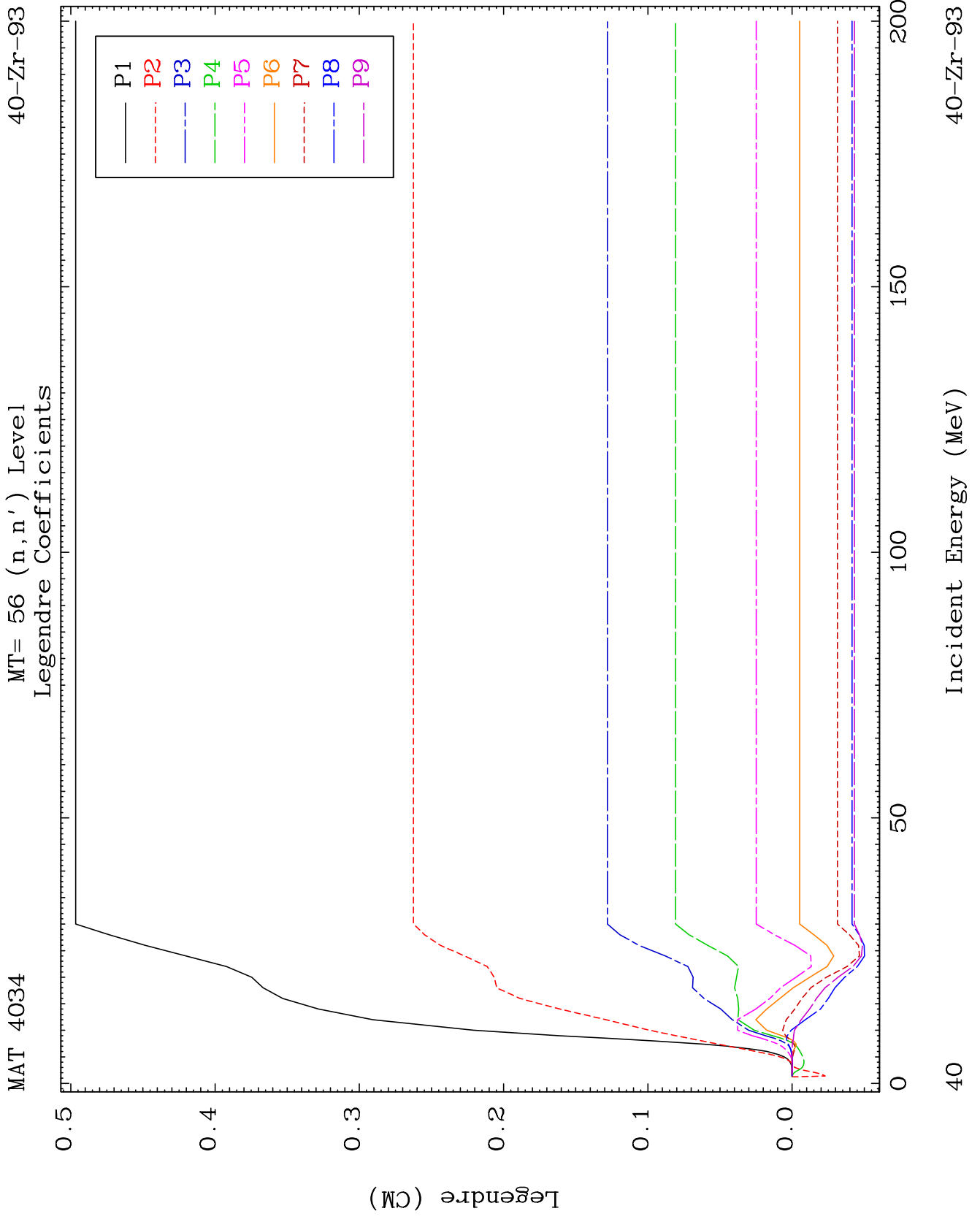


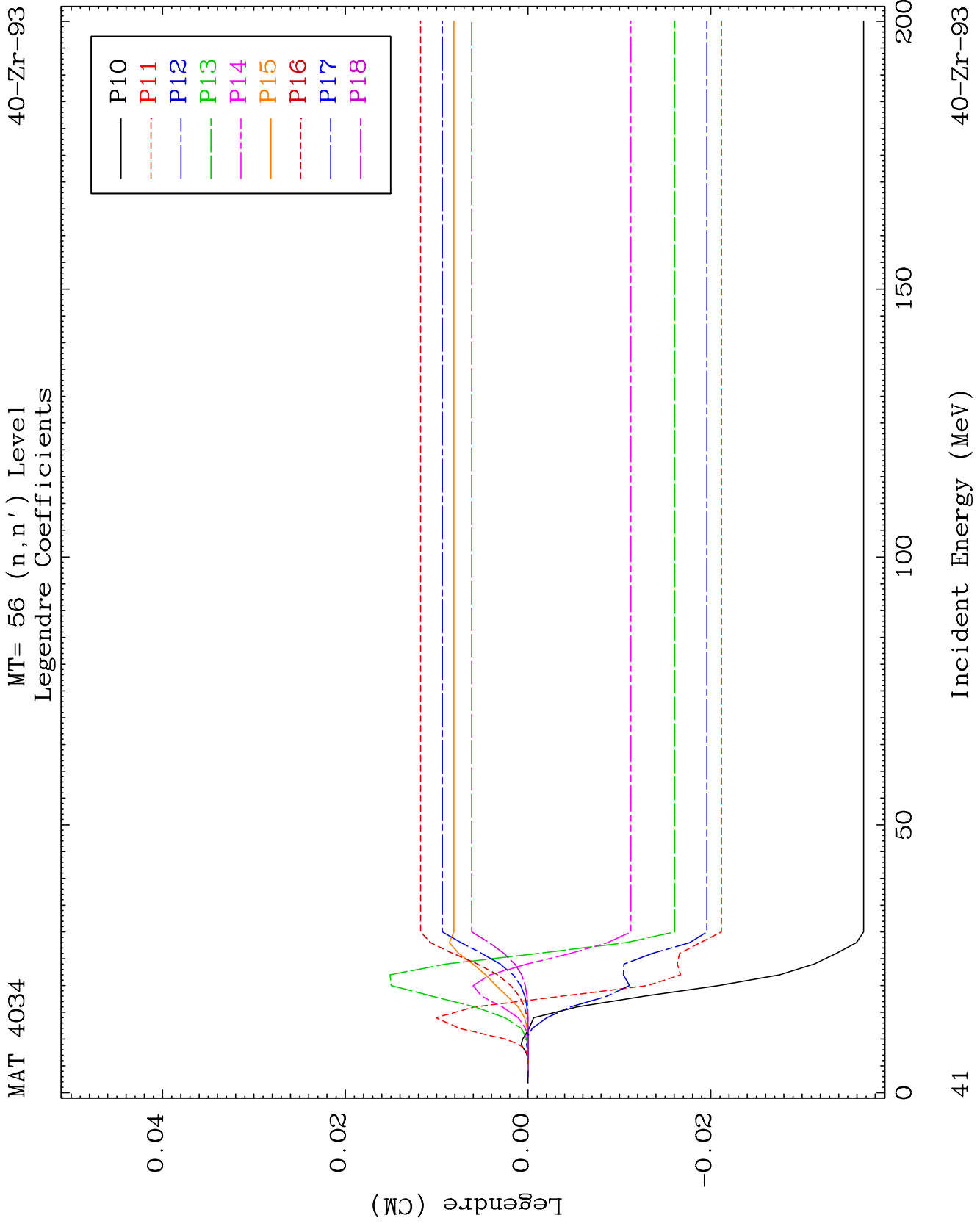








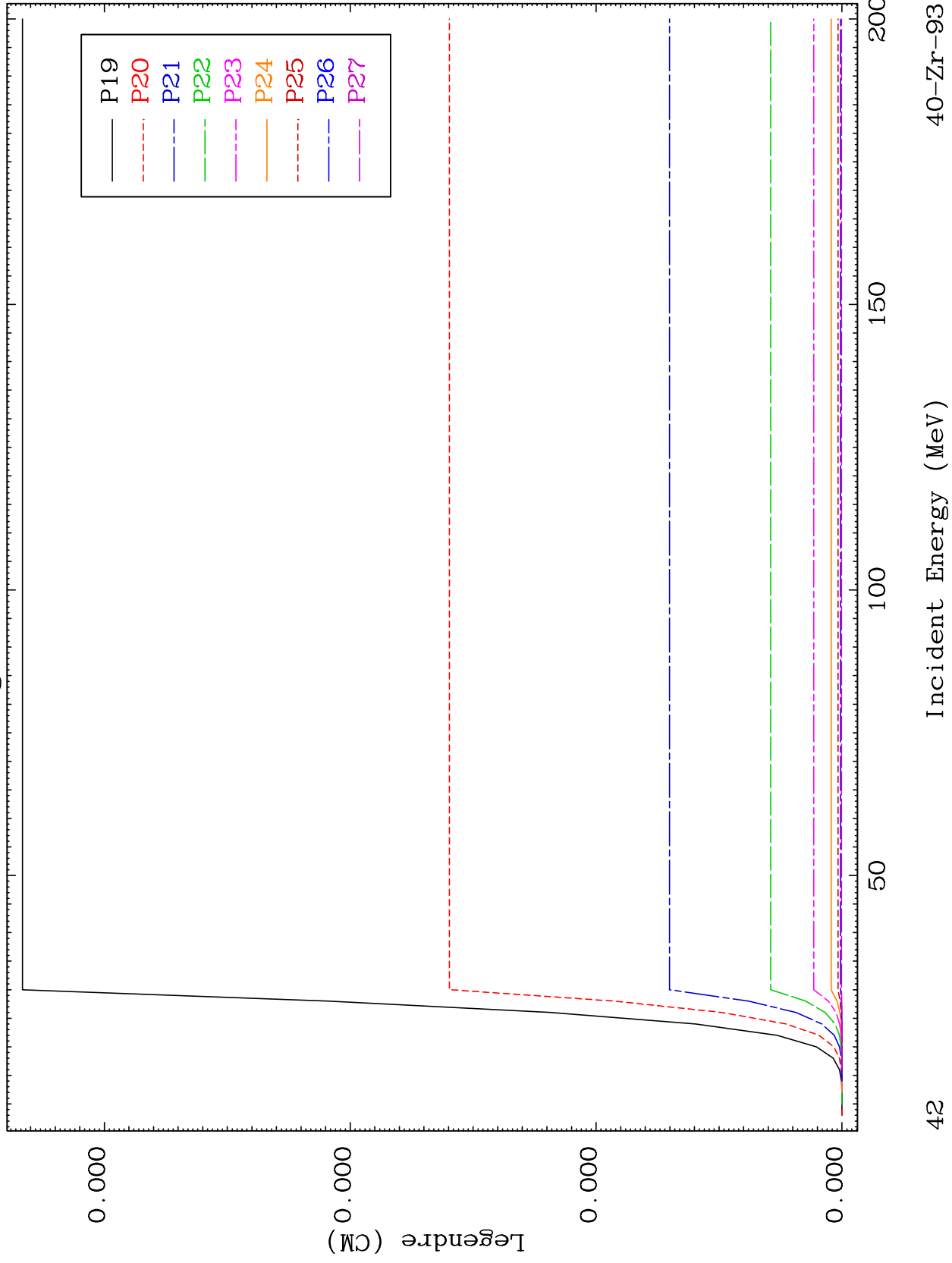




MAT 4034

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

40-Zr-93



42

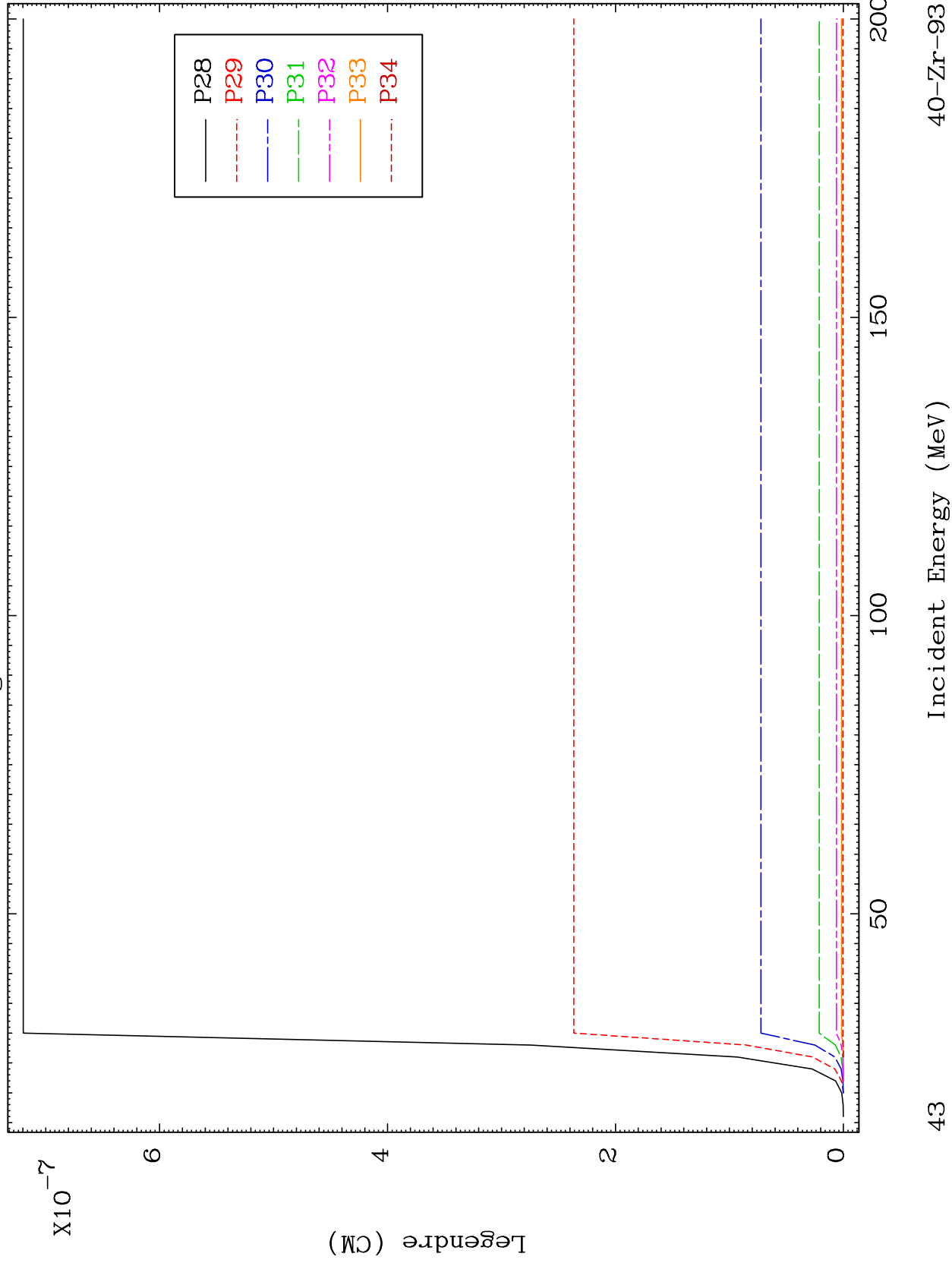
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93

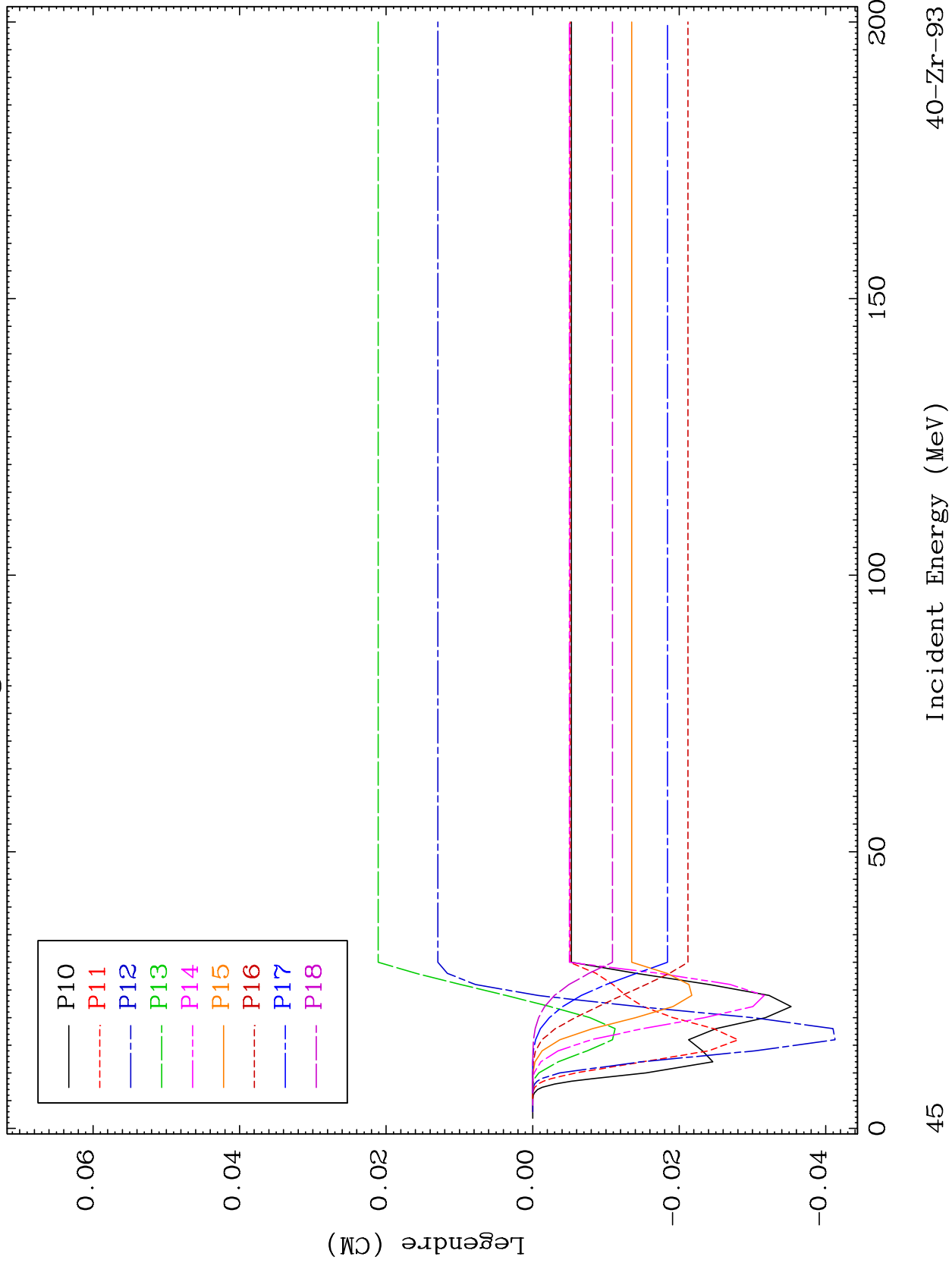




MAT 4034

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

40-Zr-93

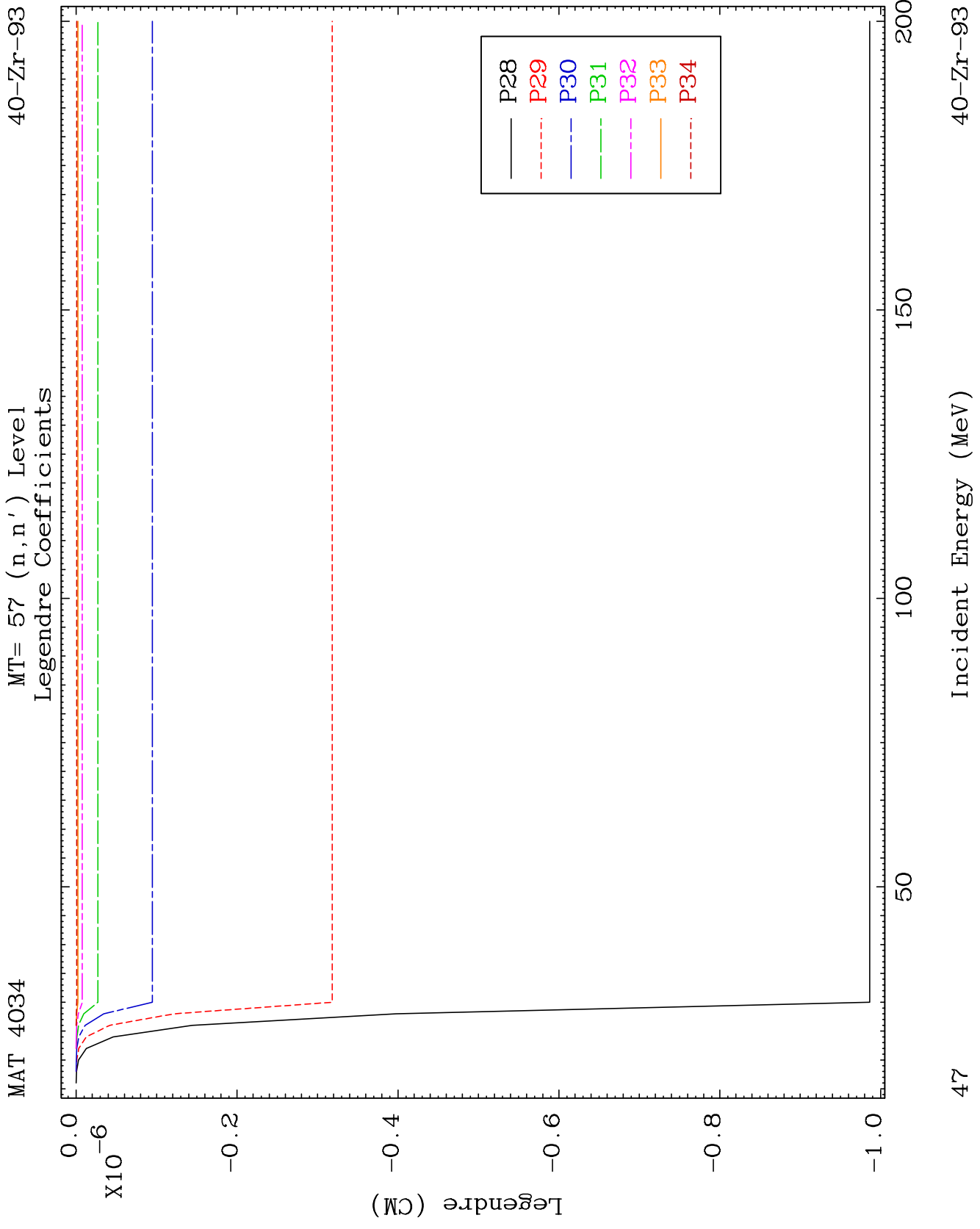


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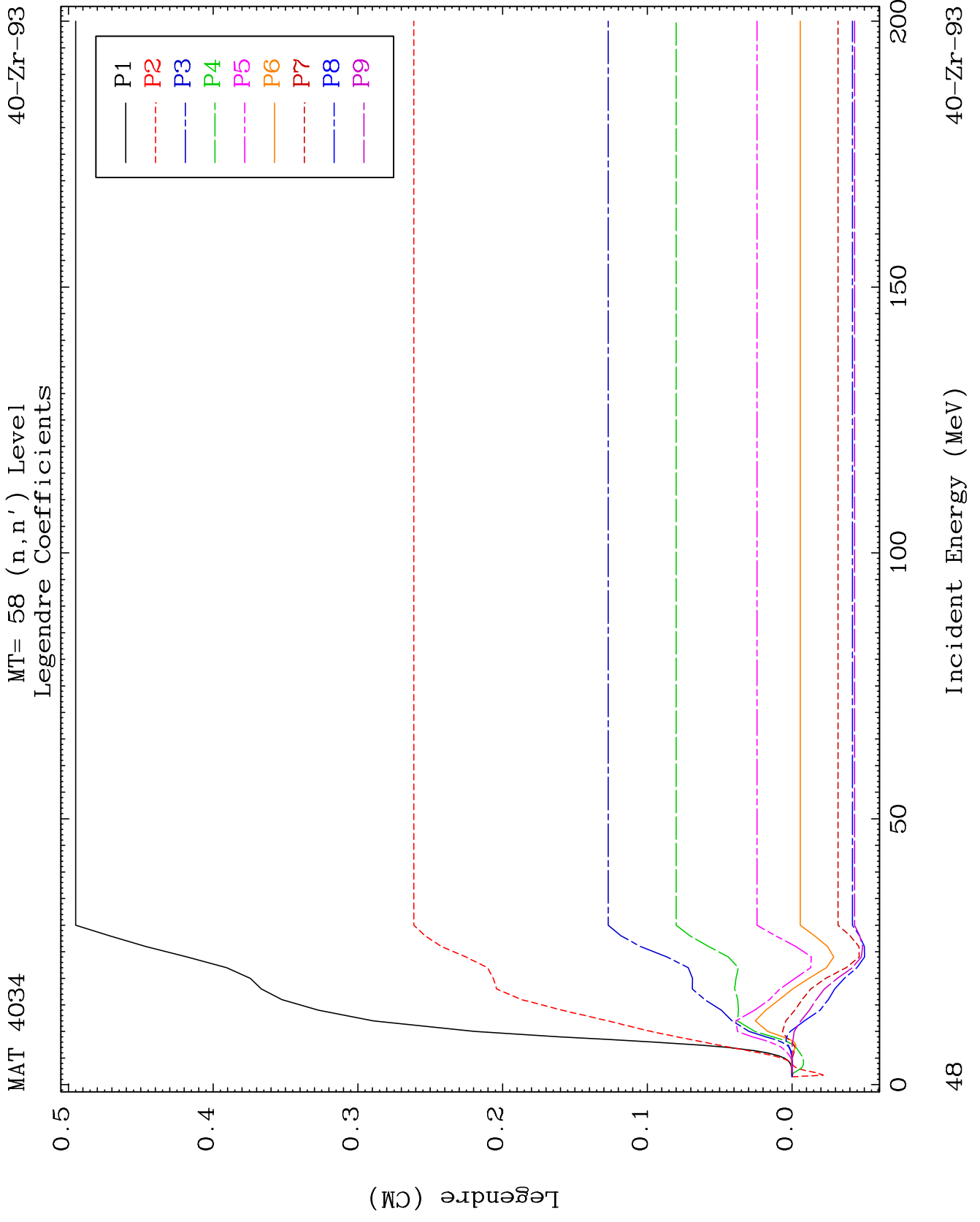
Incident Energy (MeV)

45





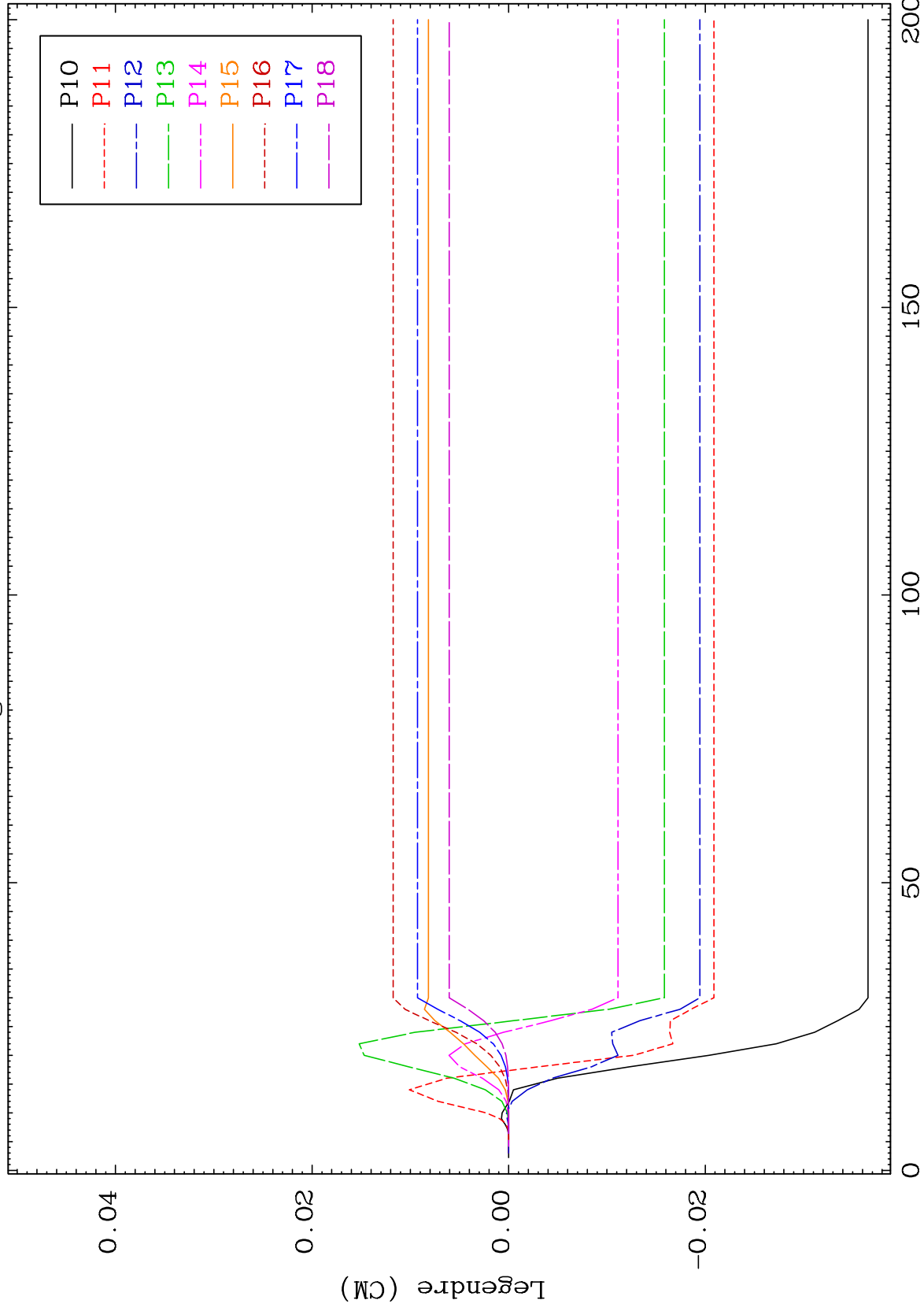




MAT 4034

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

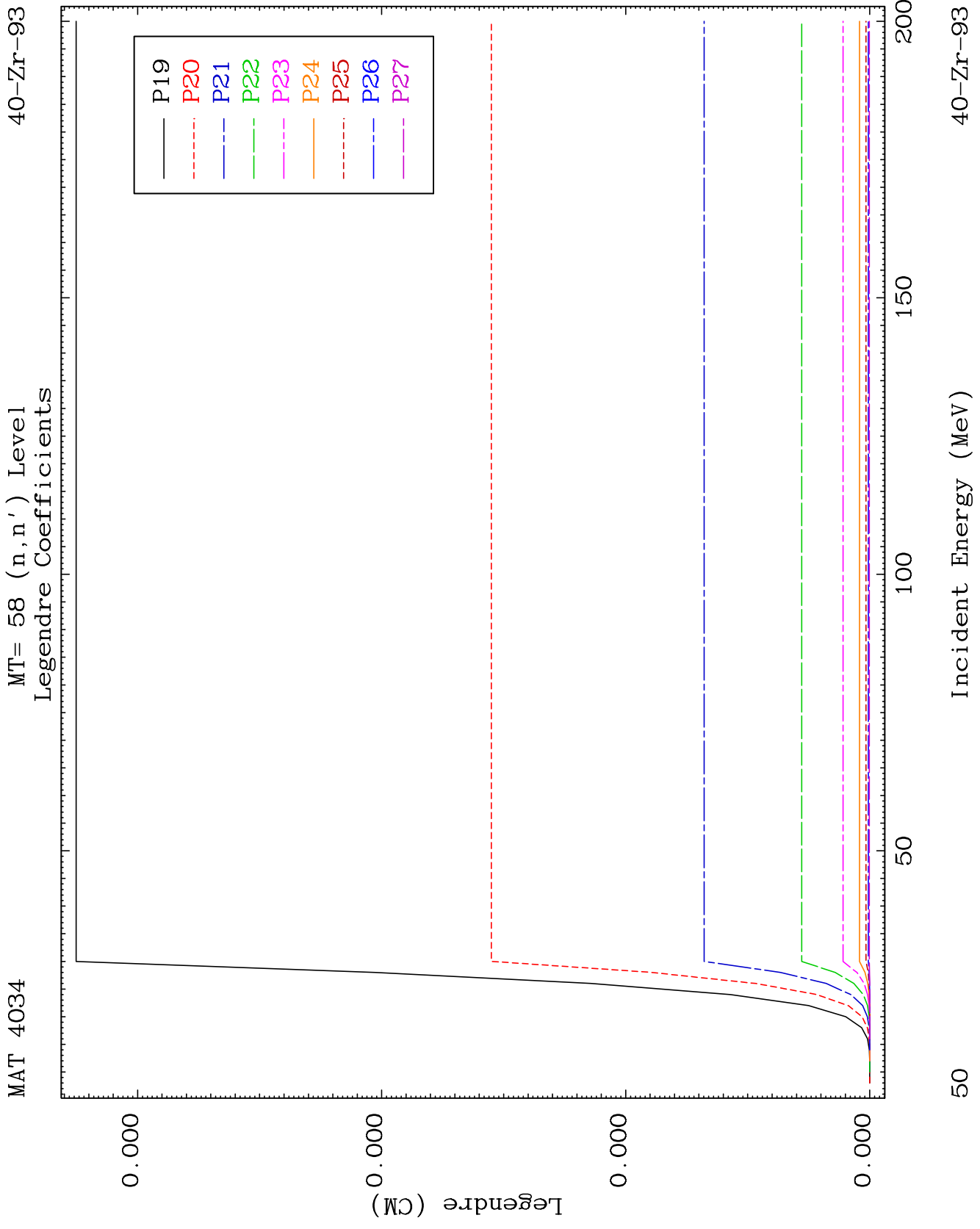
40-Zr-93



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Incident Energy (MeV)

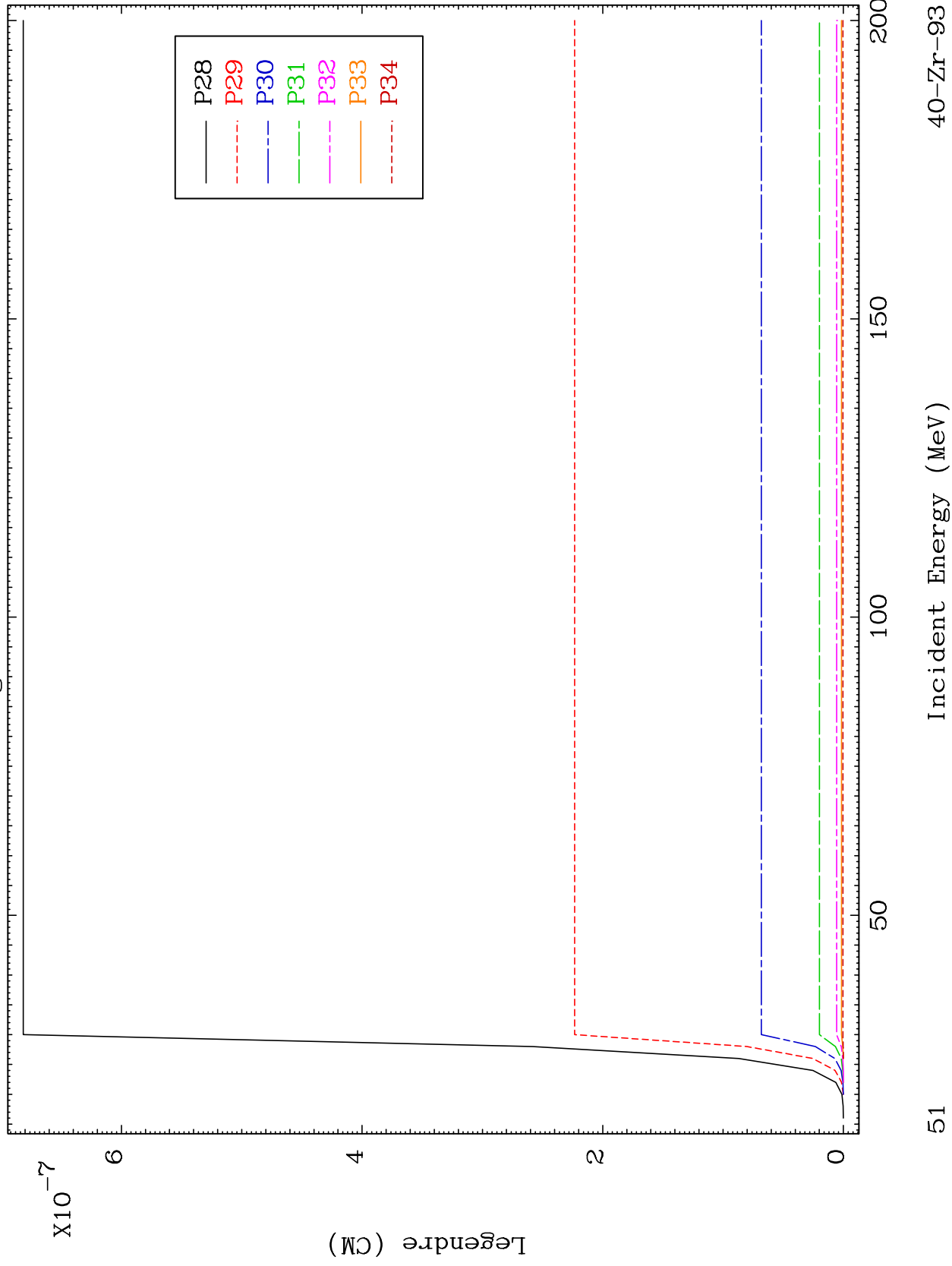
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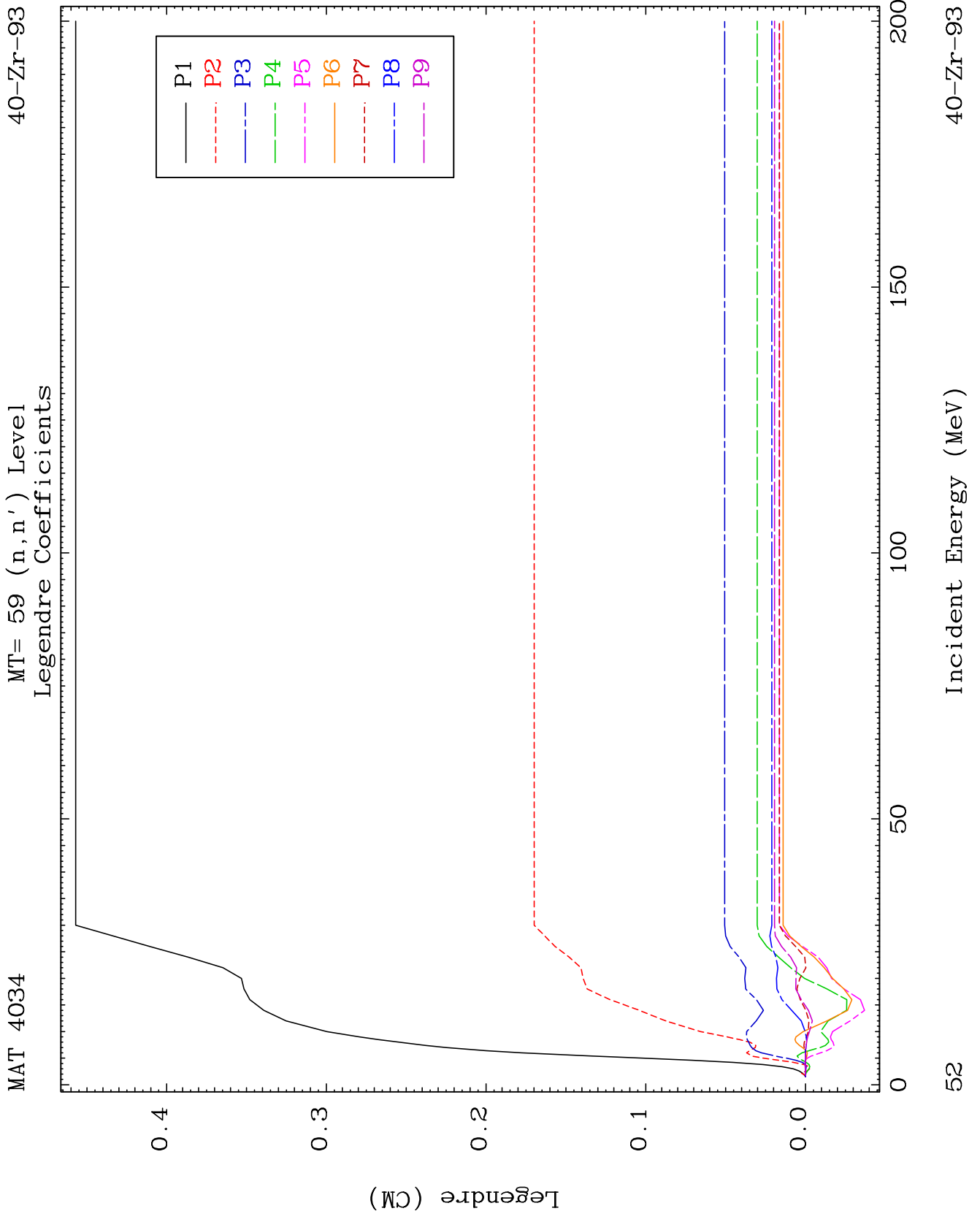


MAT 4034

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

40-Zr-93

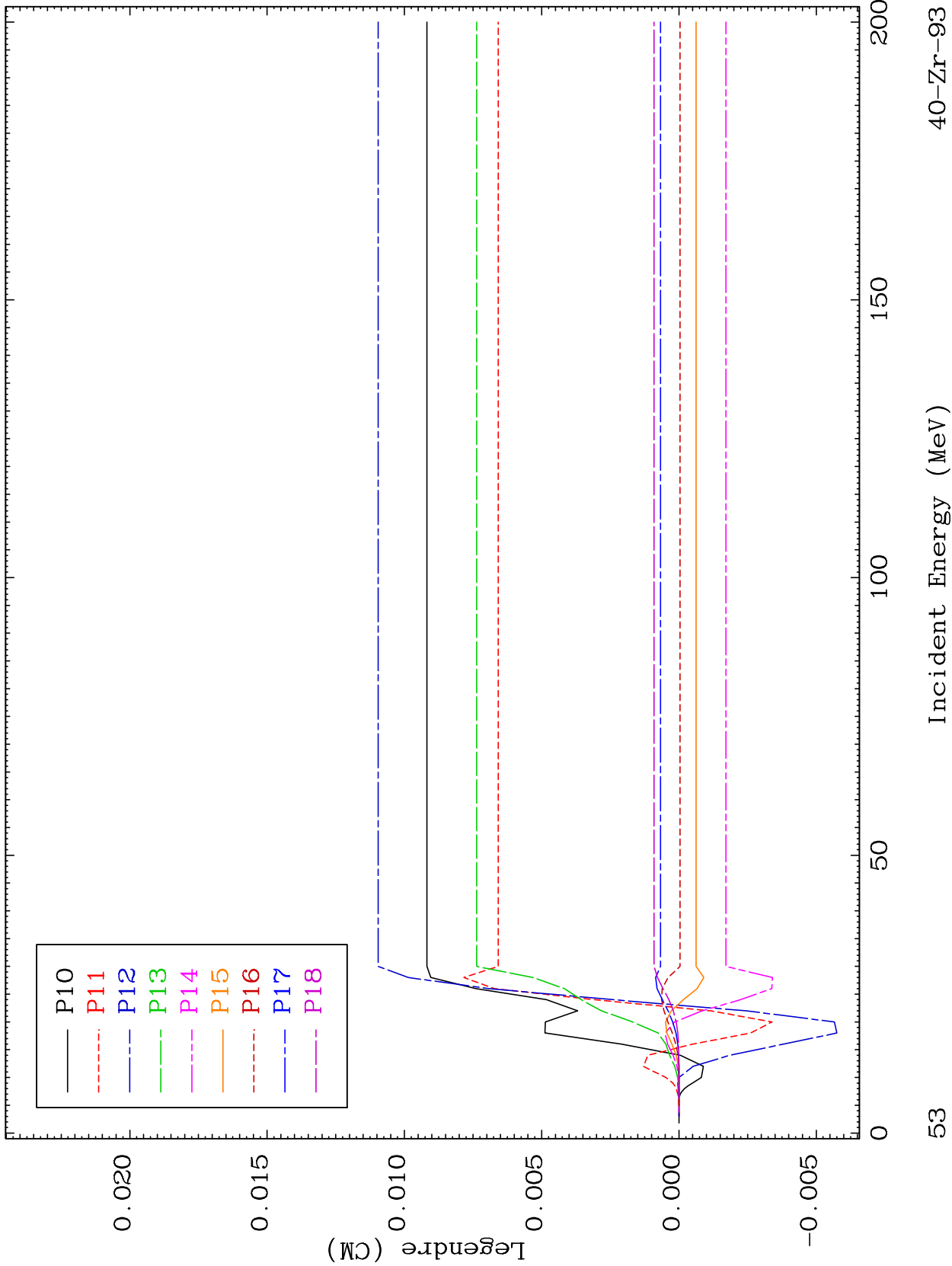




MAT 4034

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

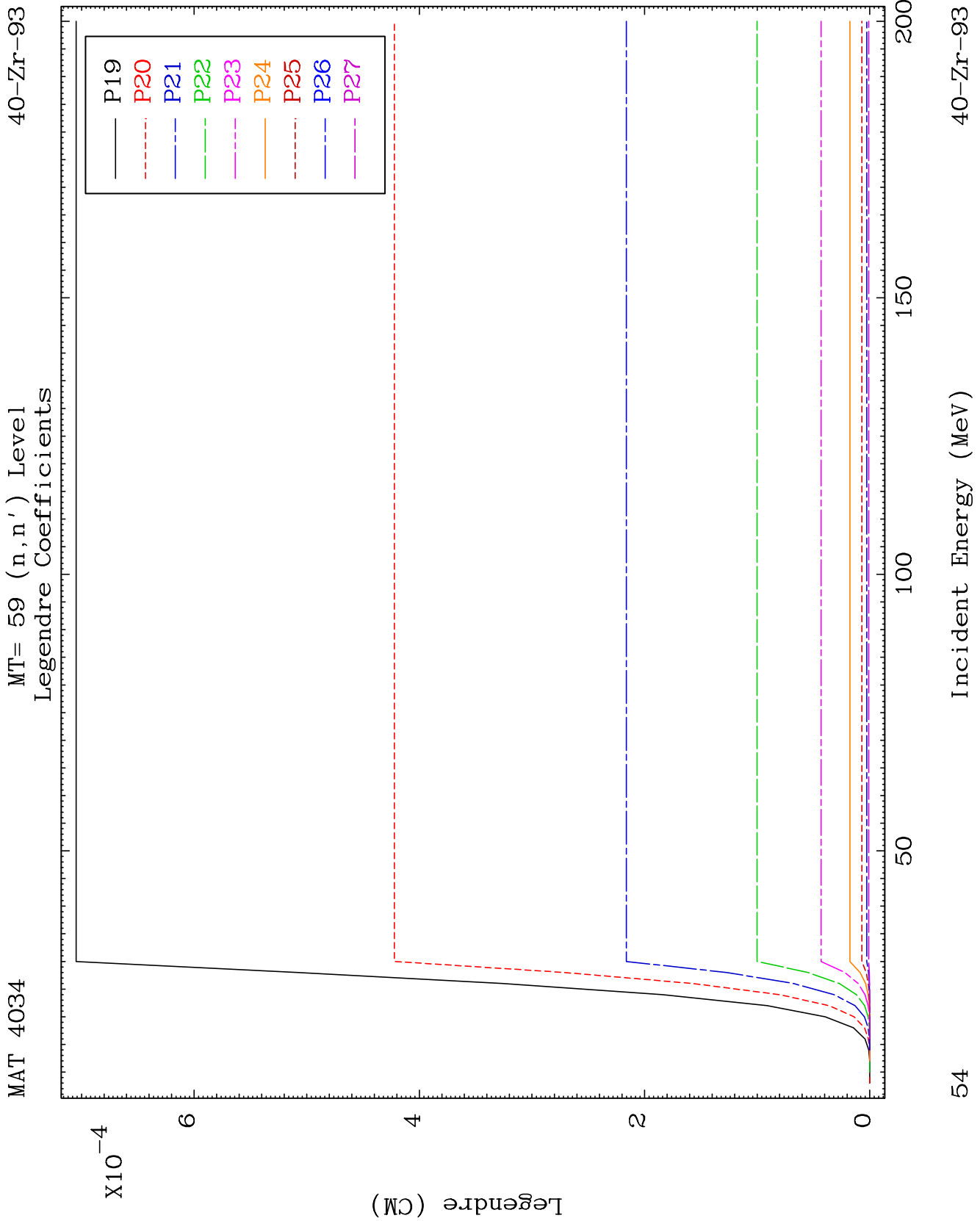
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53

Incident Energy (MeV)

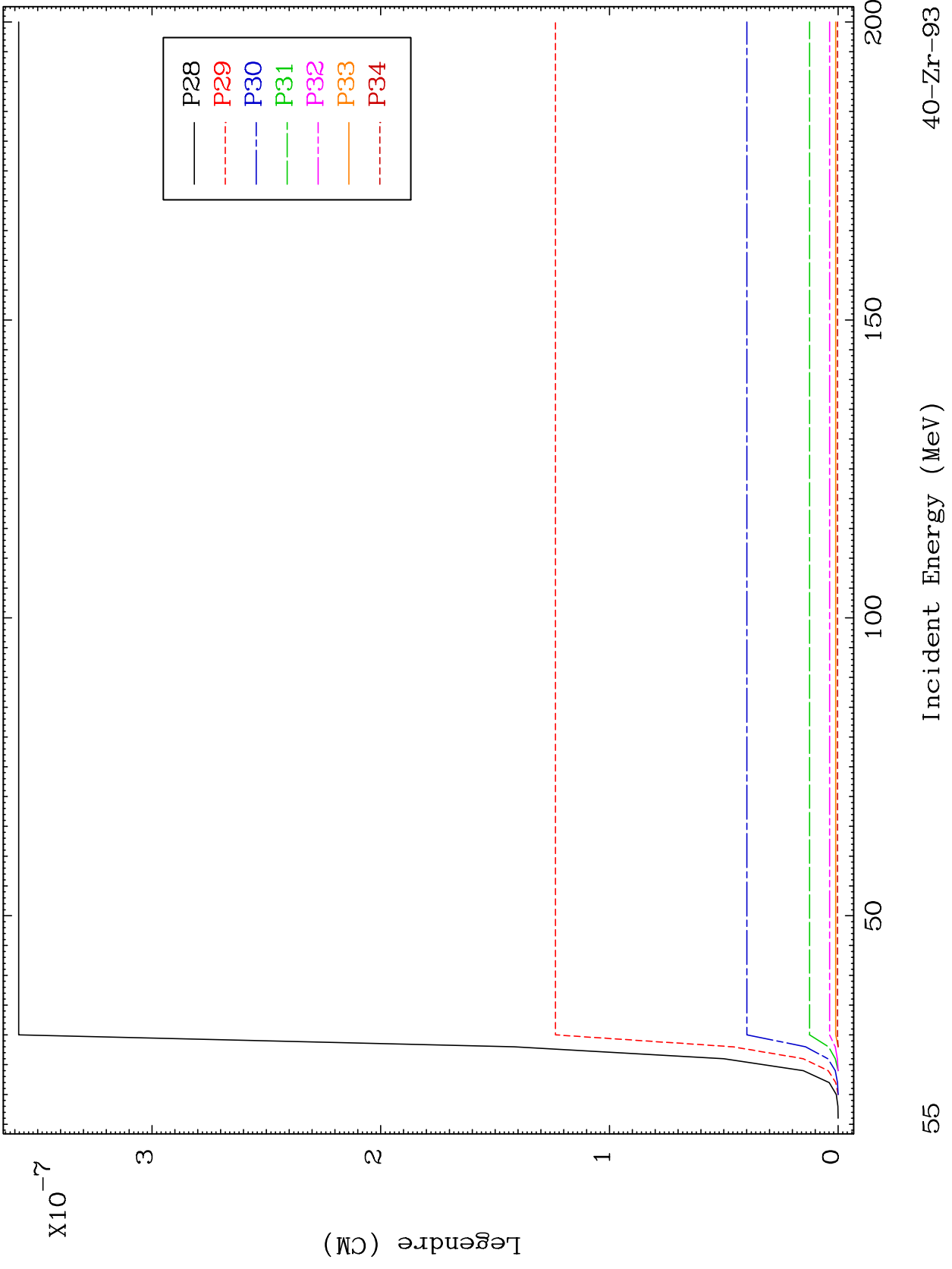
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MAT 4034

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

40-Zr-93

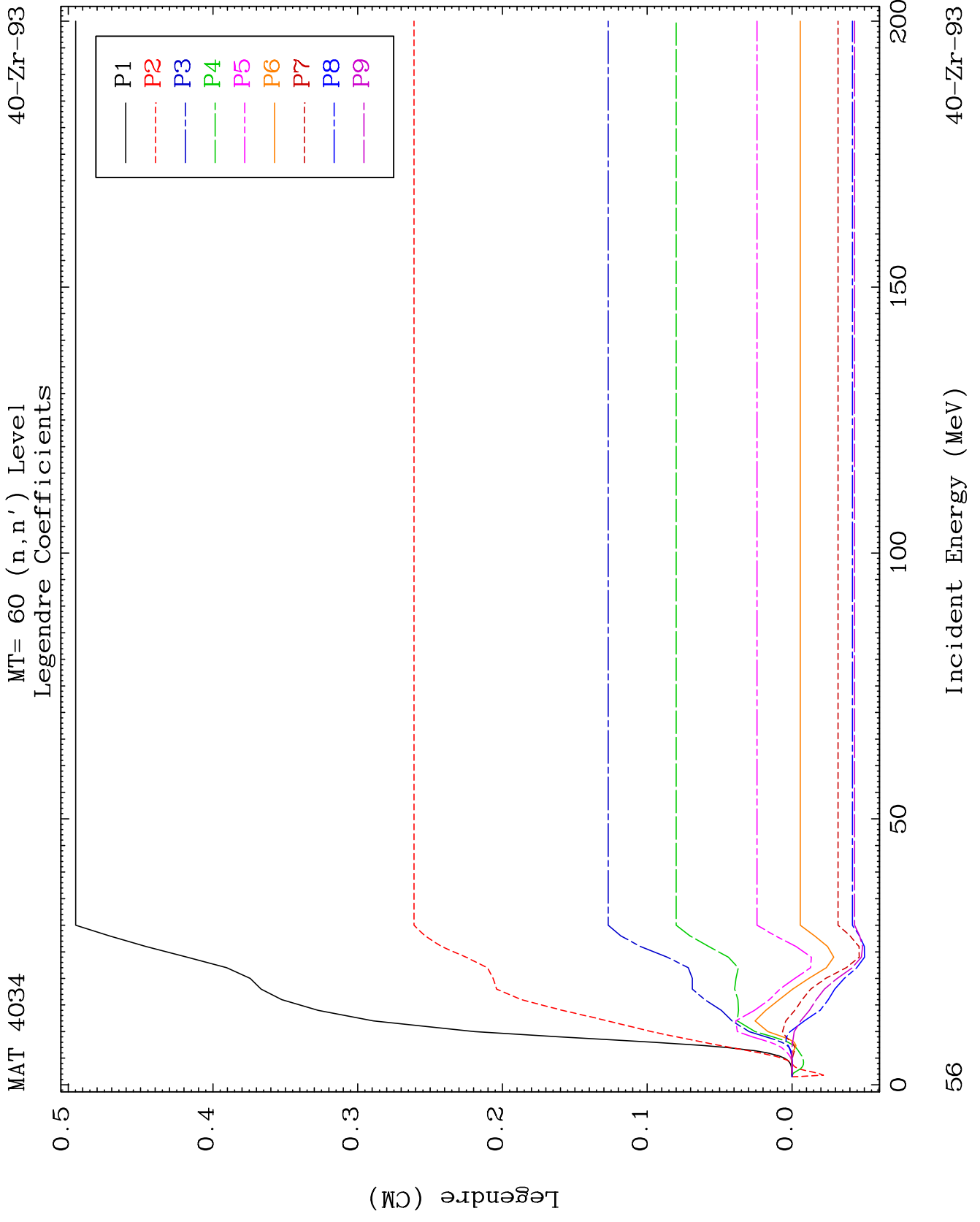


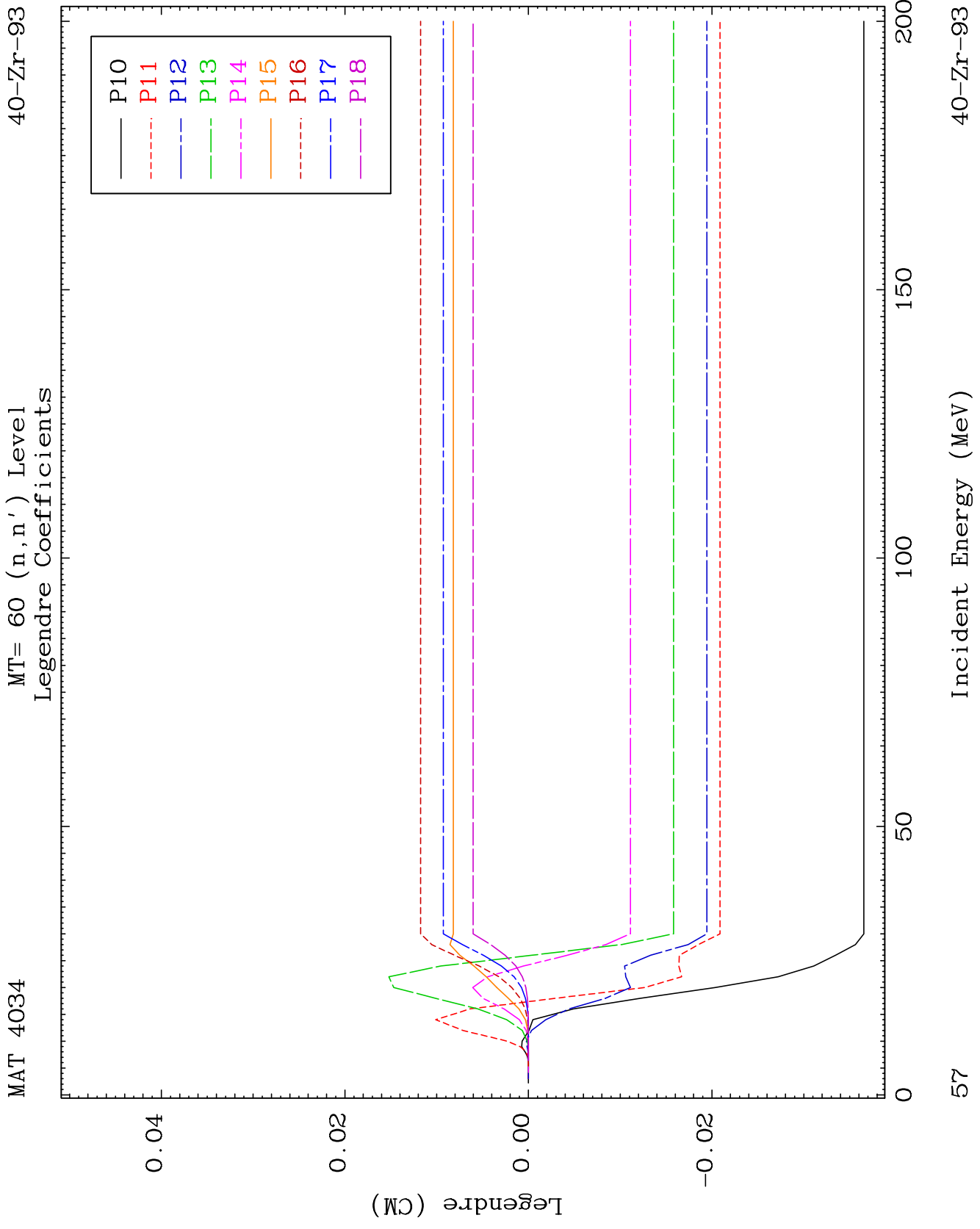
55

Incident Energy (MeV)

40-Zr-93



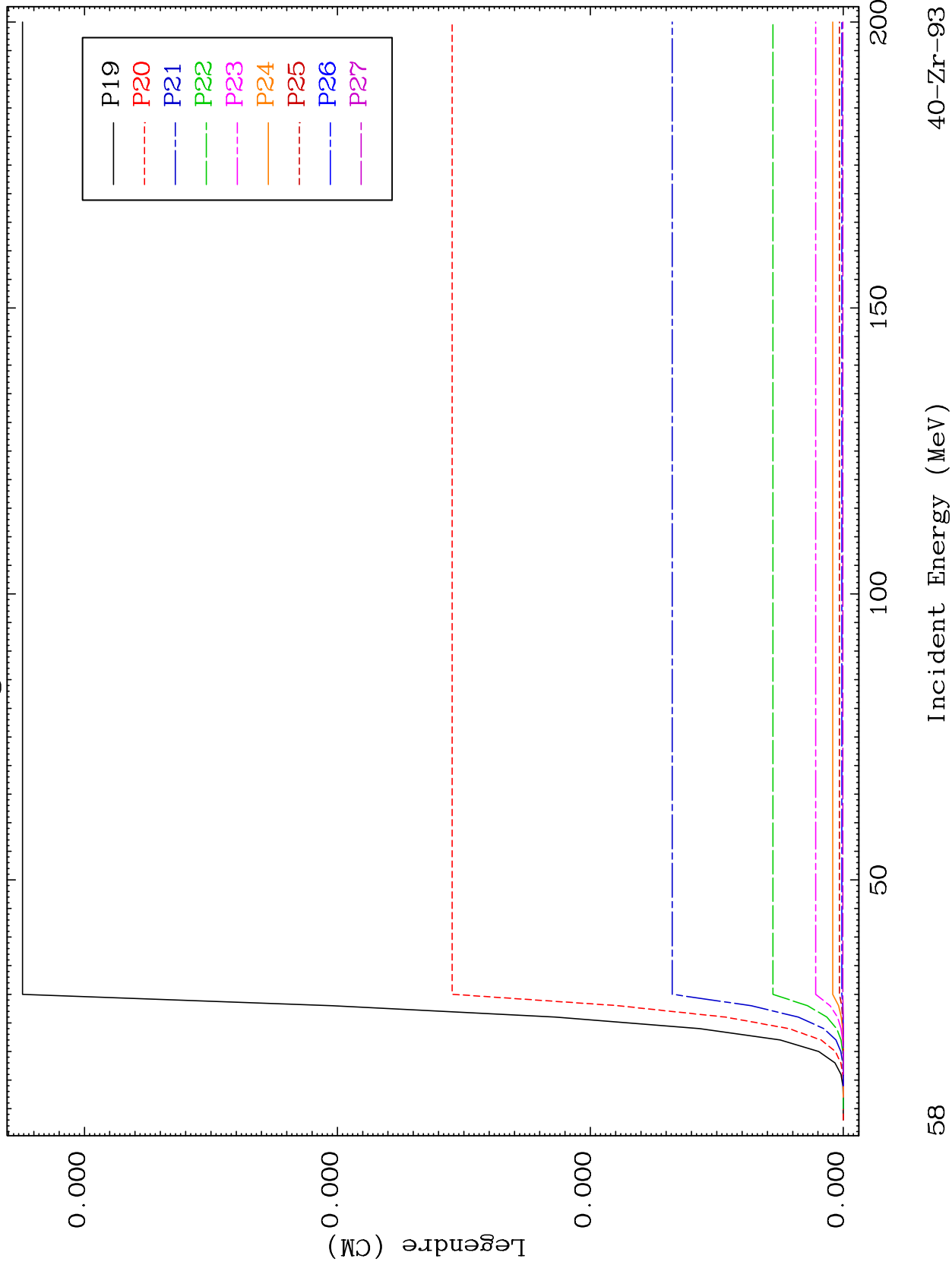




MAT 4034

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

40-Zr-93



58

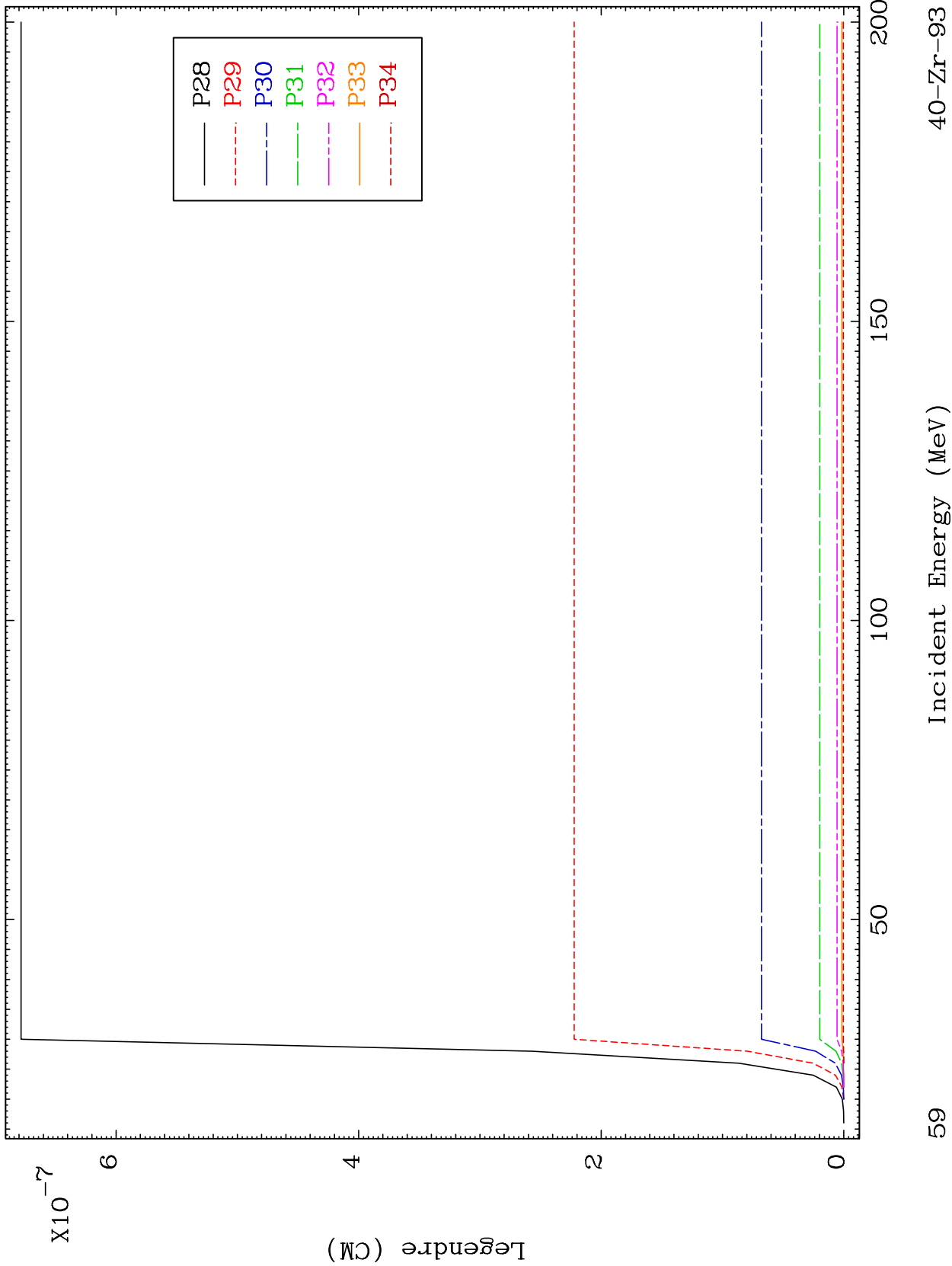
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93

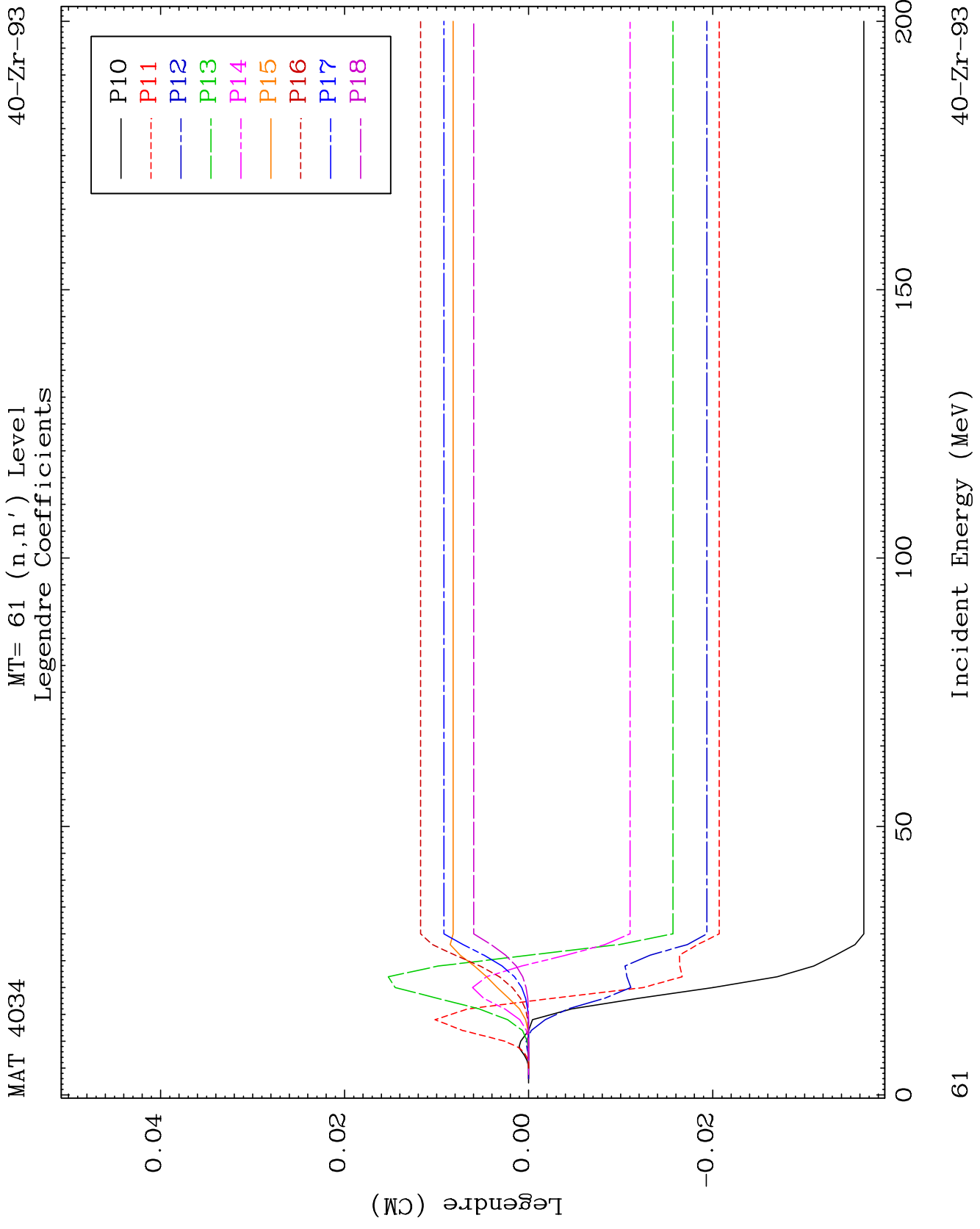


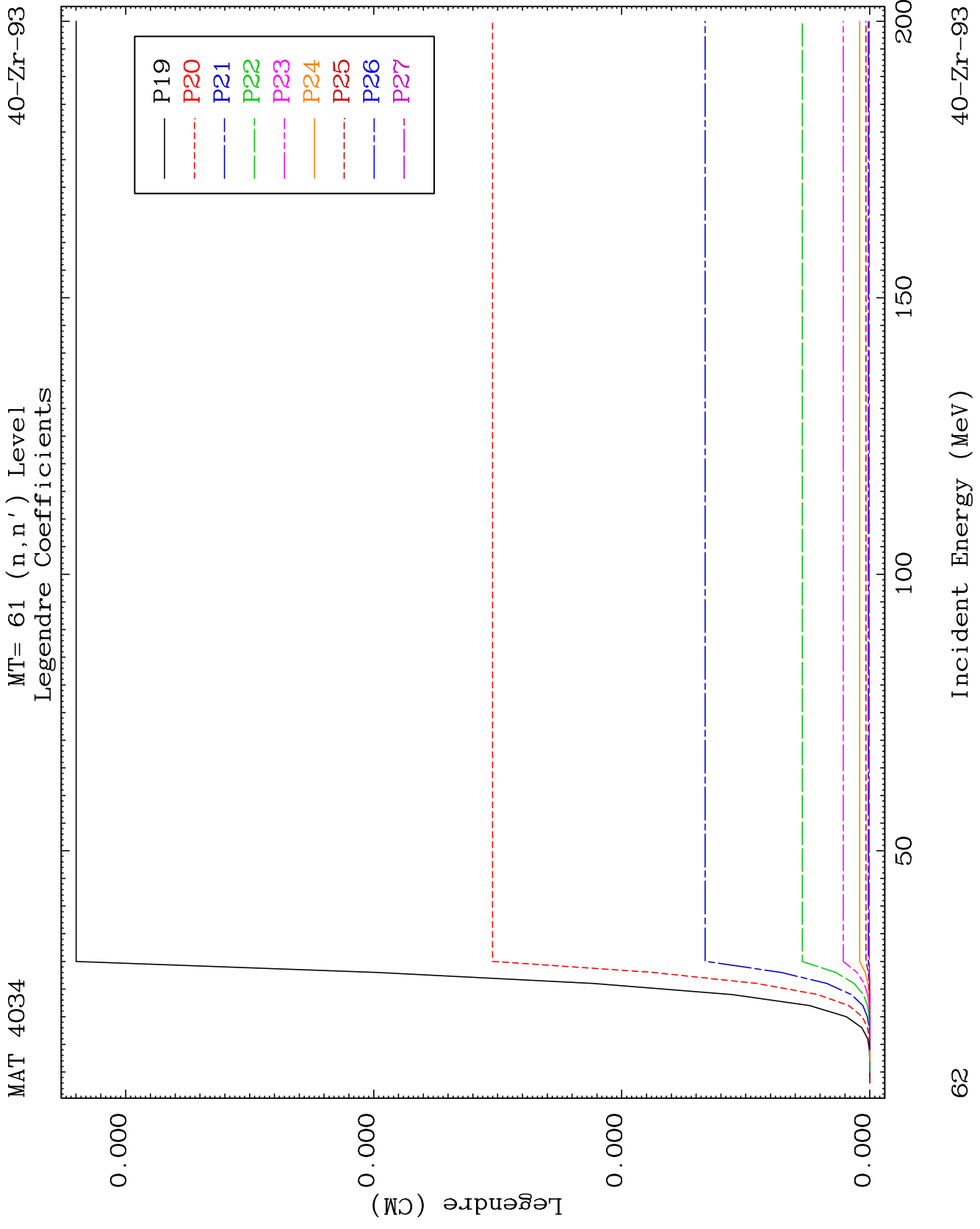
59

Incident Energy (MeV)

40-Zr-93



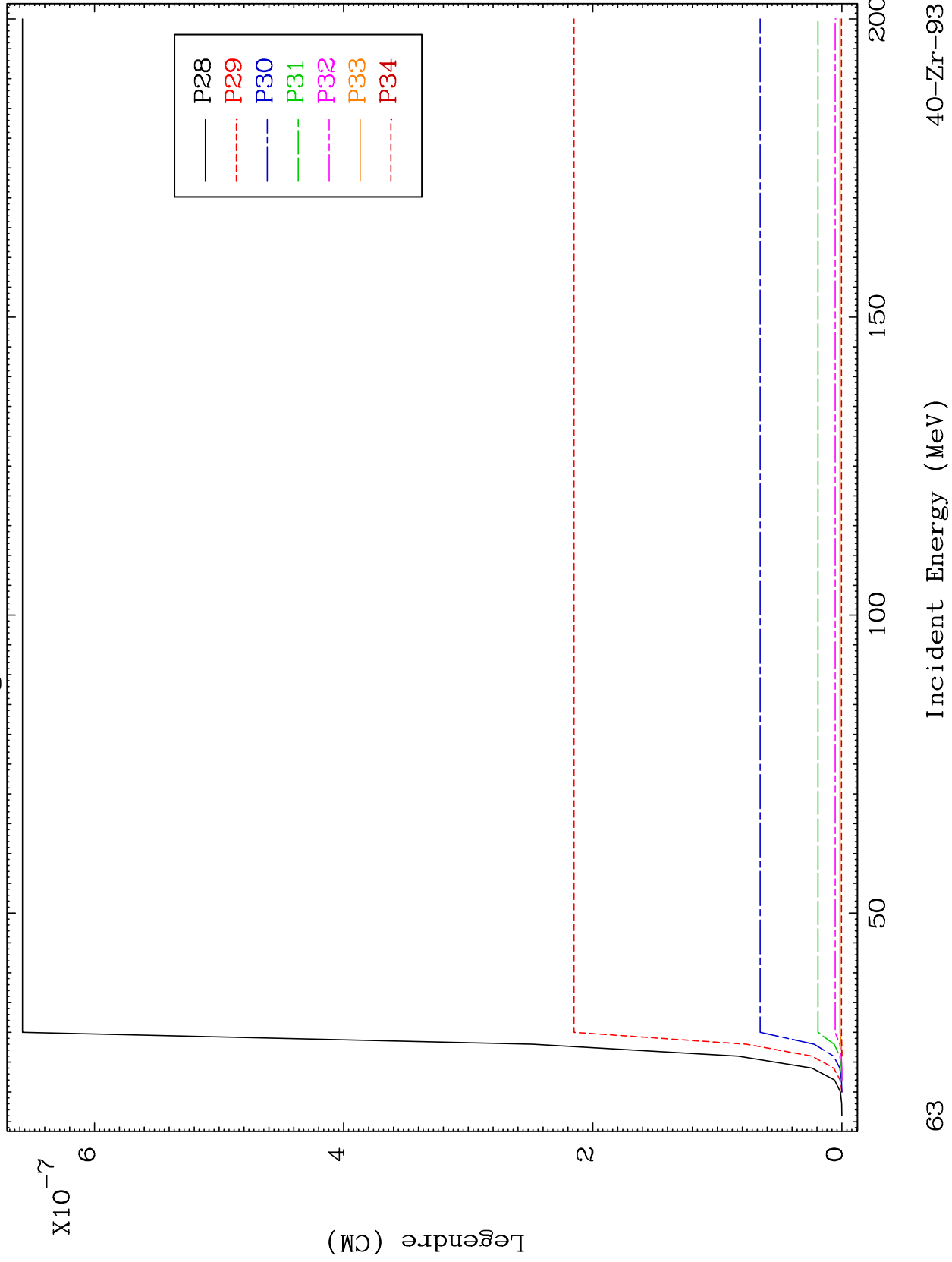




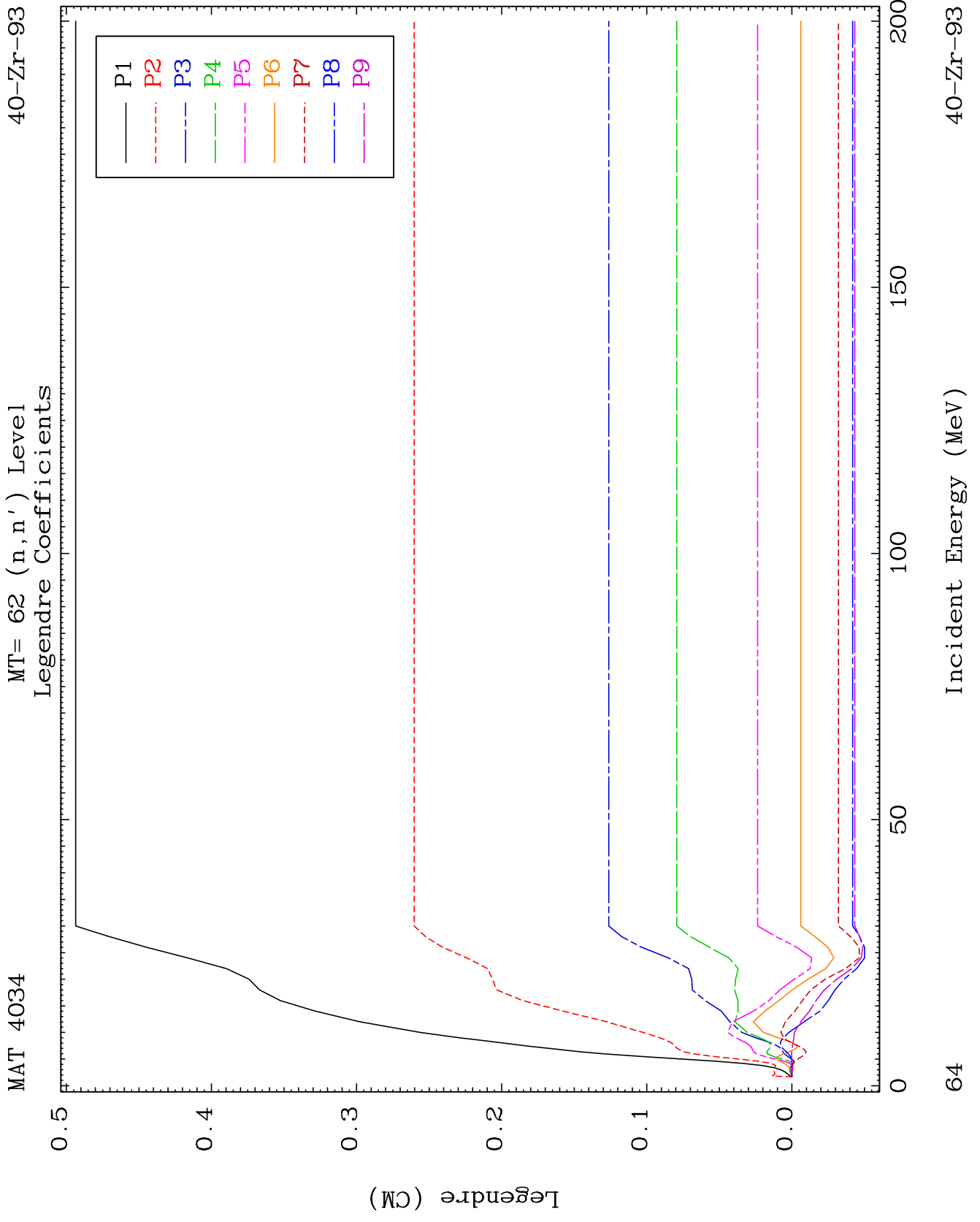
MAT 4034

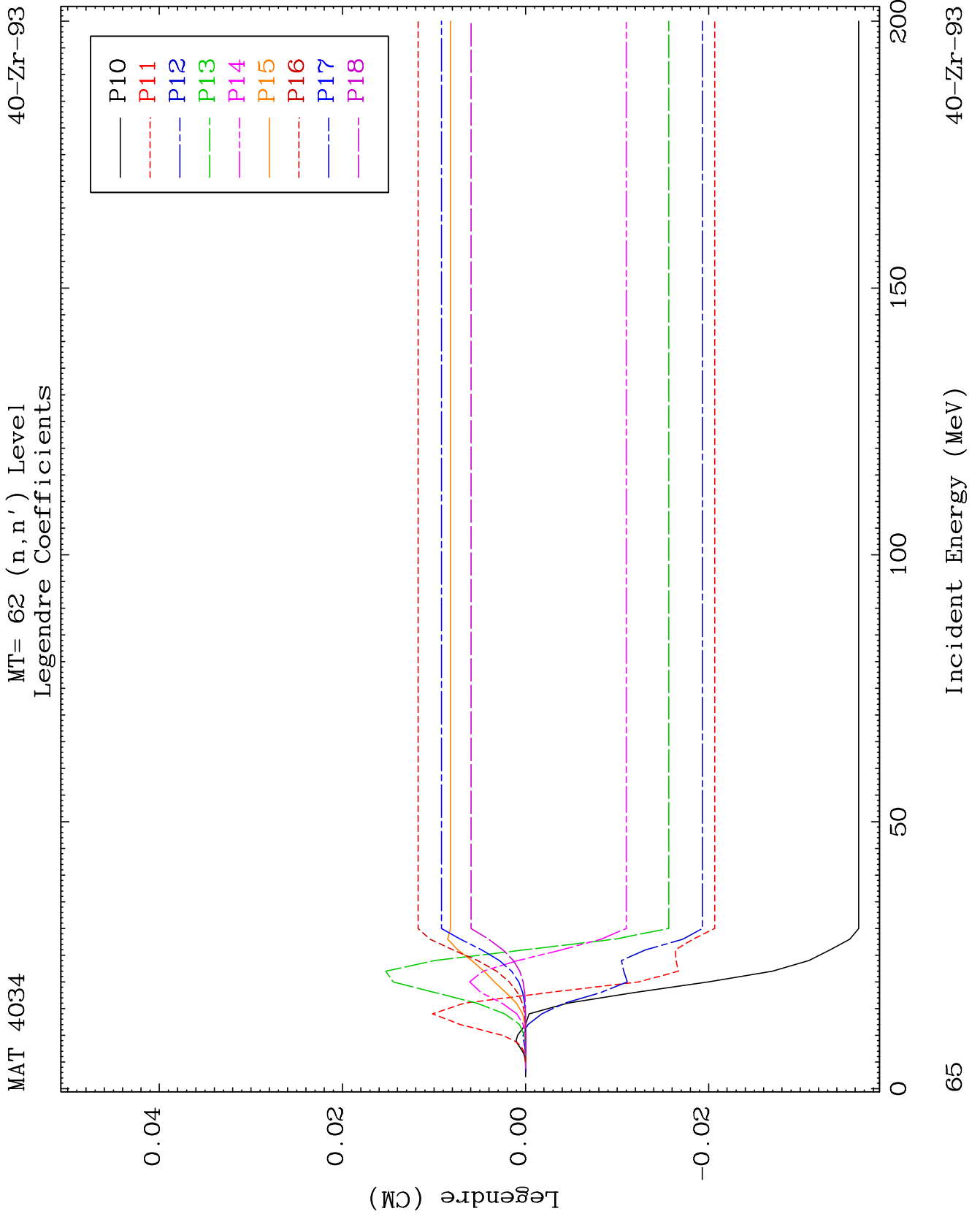
MT= 61 (n,n') Level  
Legendre Coefficients

40-Zr-93





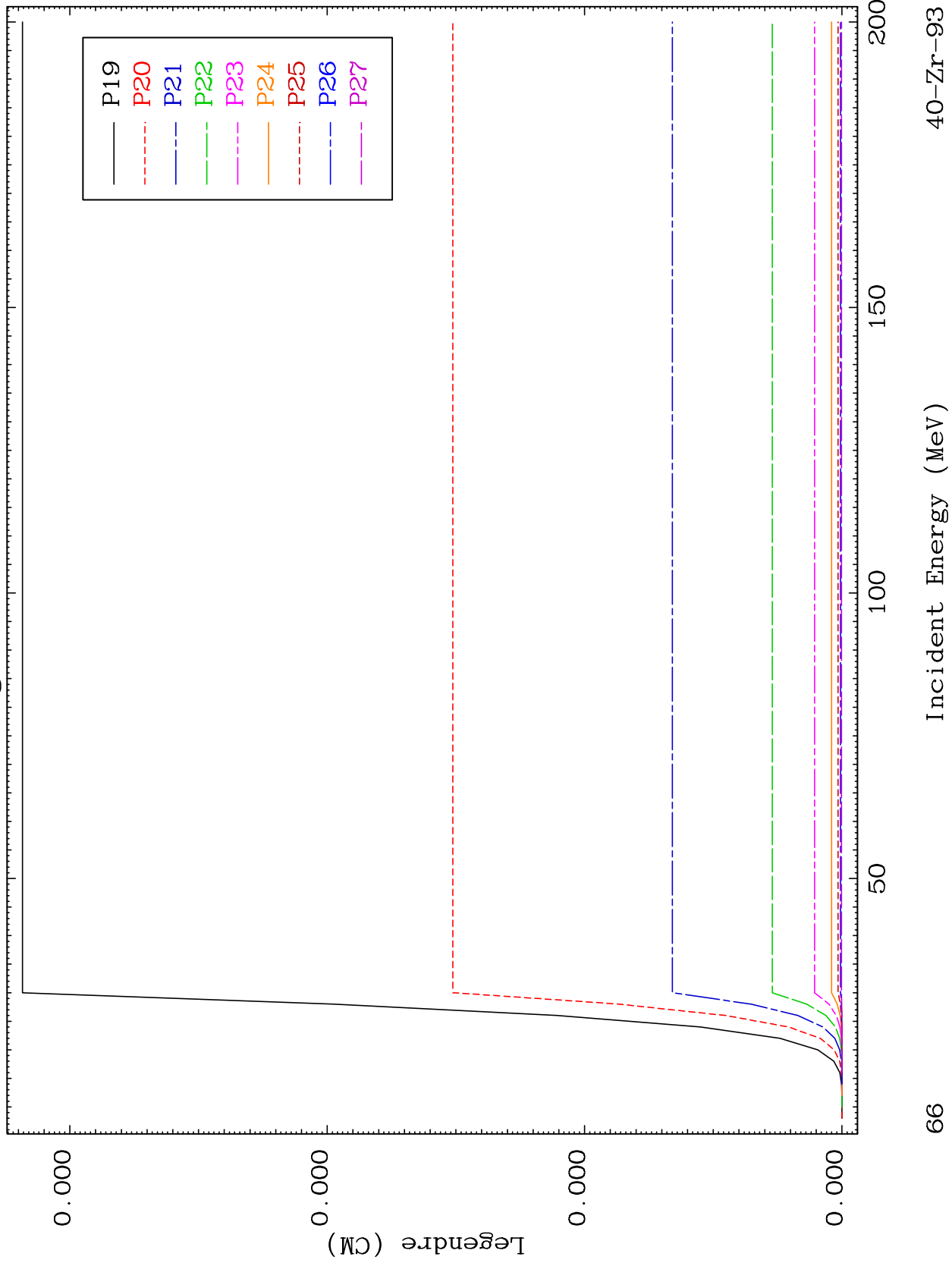




MAT 4034

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

40-Zr-93

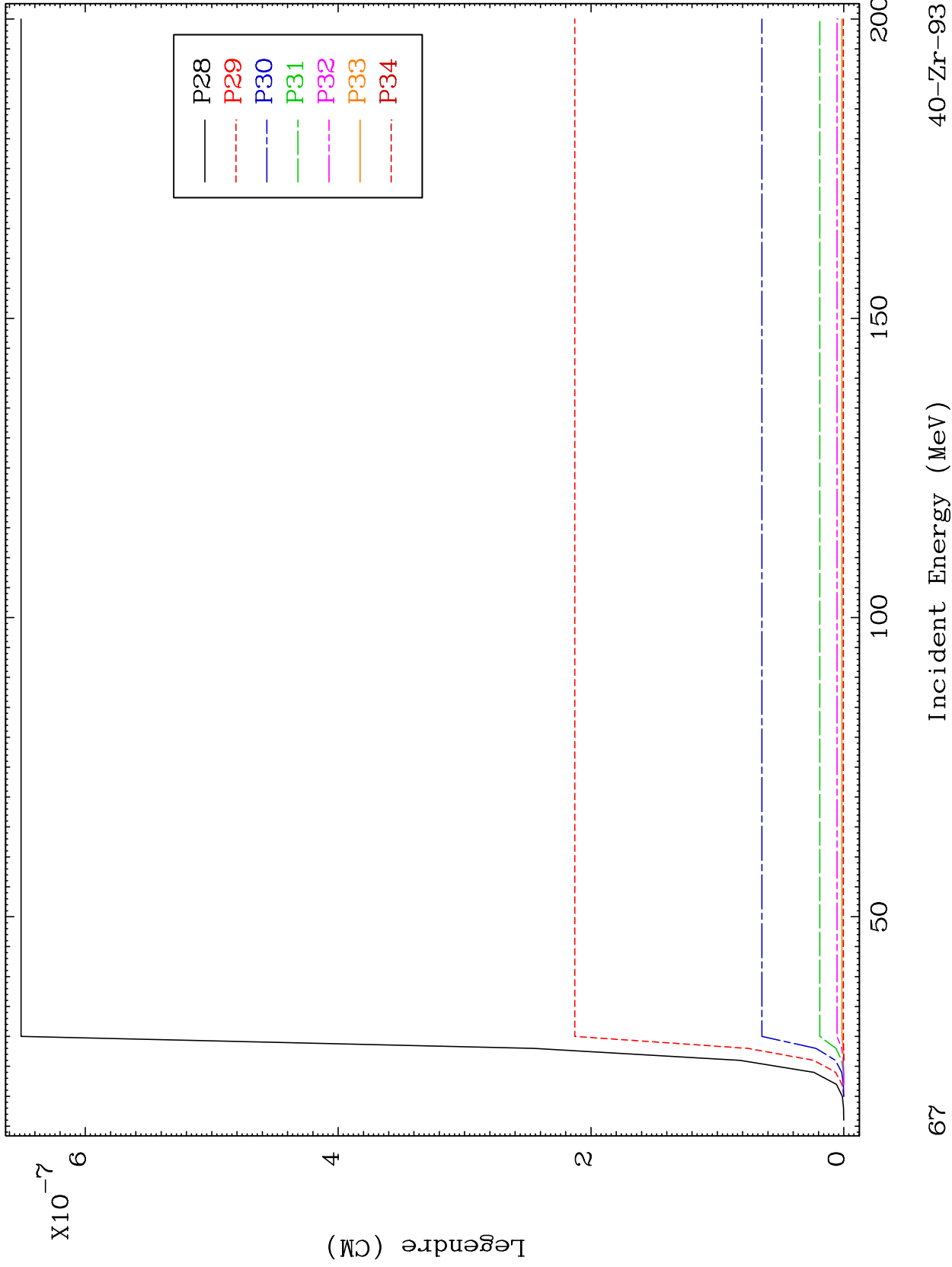


66

MAT 4034

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

40-Zr-93



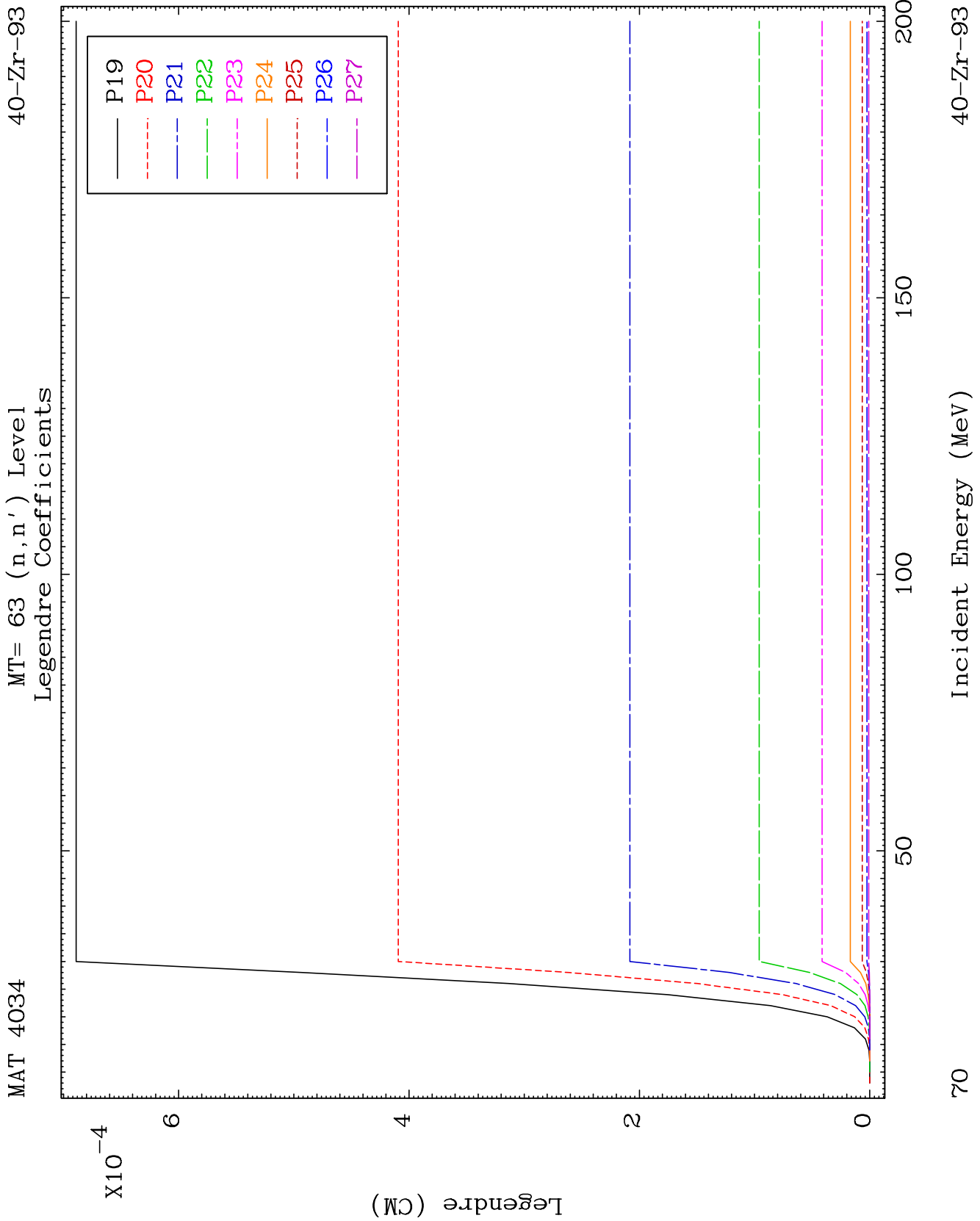
67

Incident Energy (MeV)

40-Zr-93



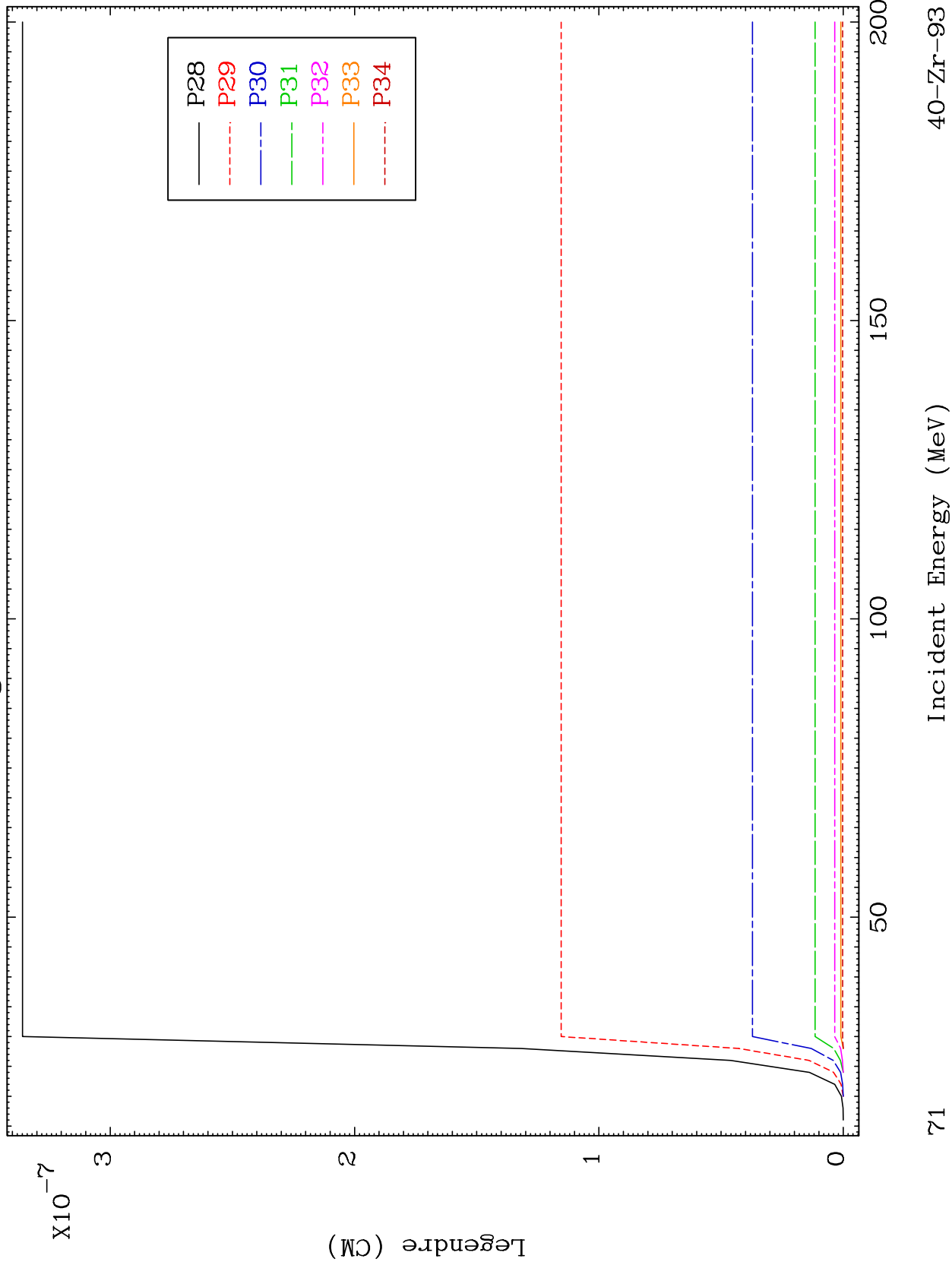




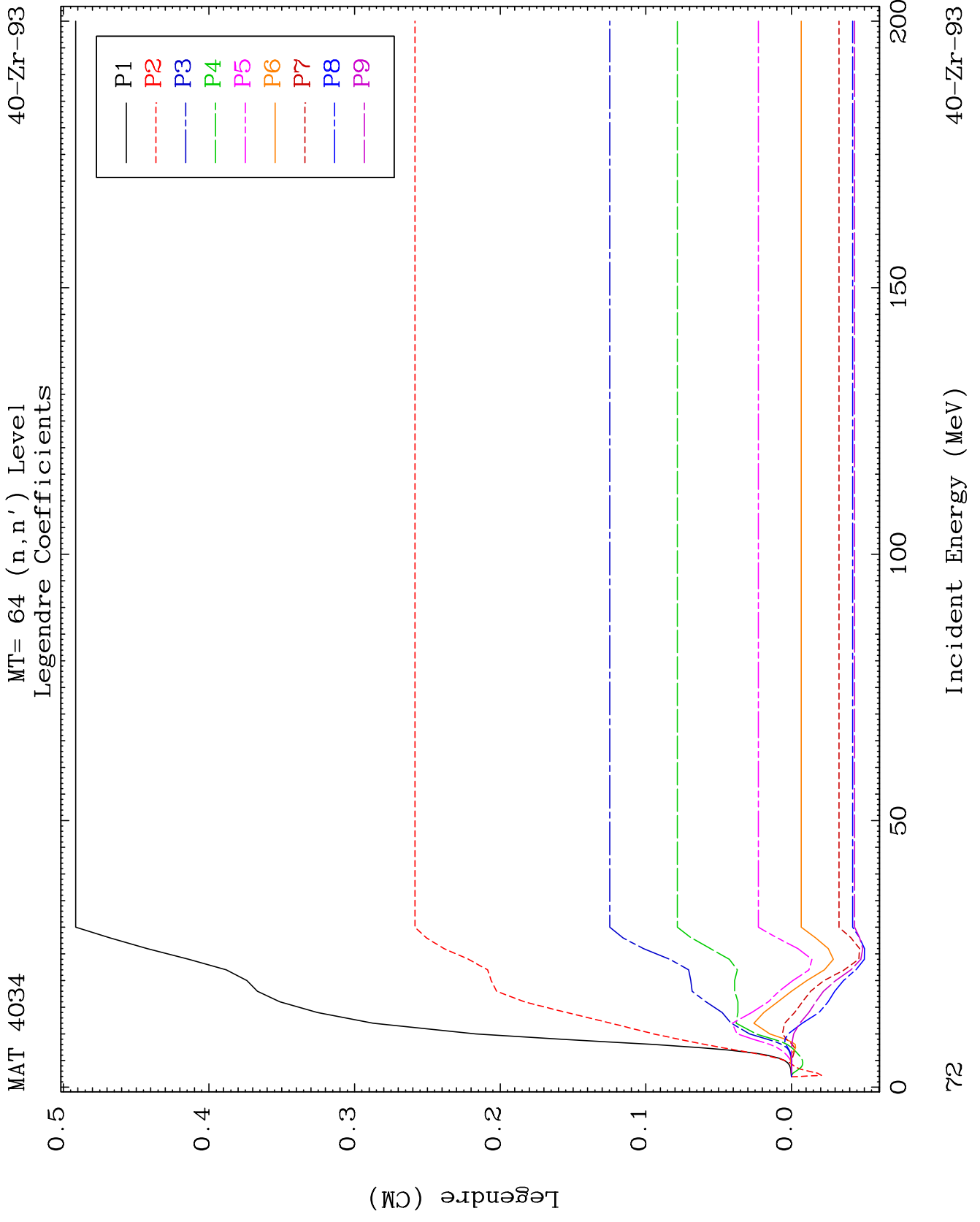
MAT 4034

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

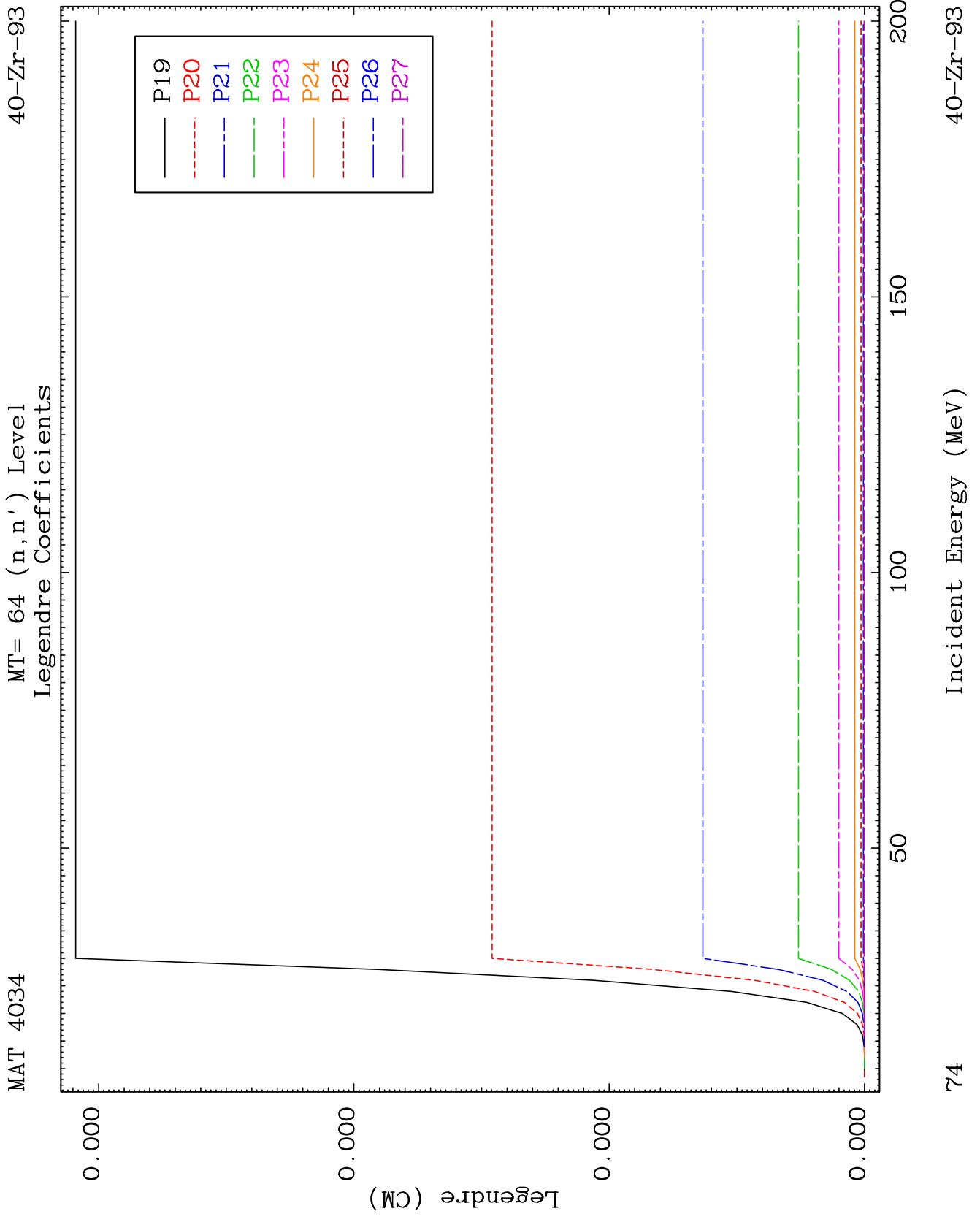
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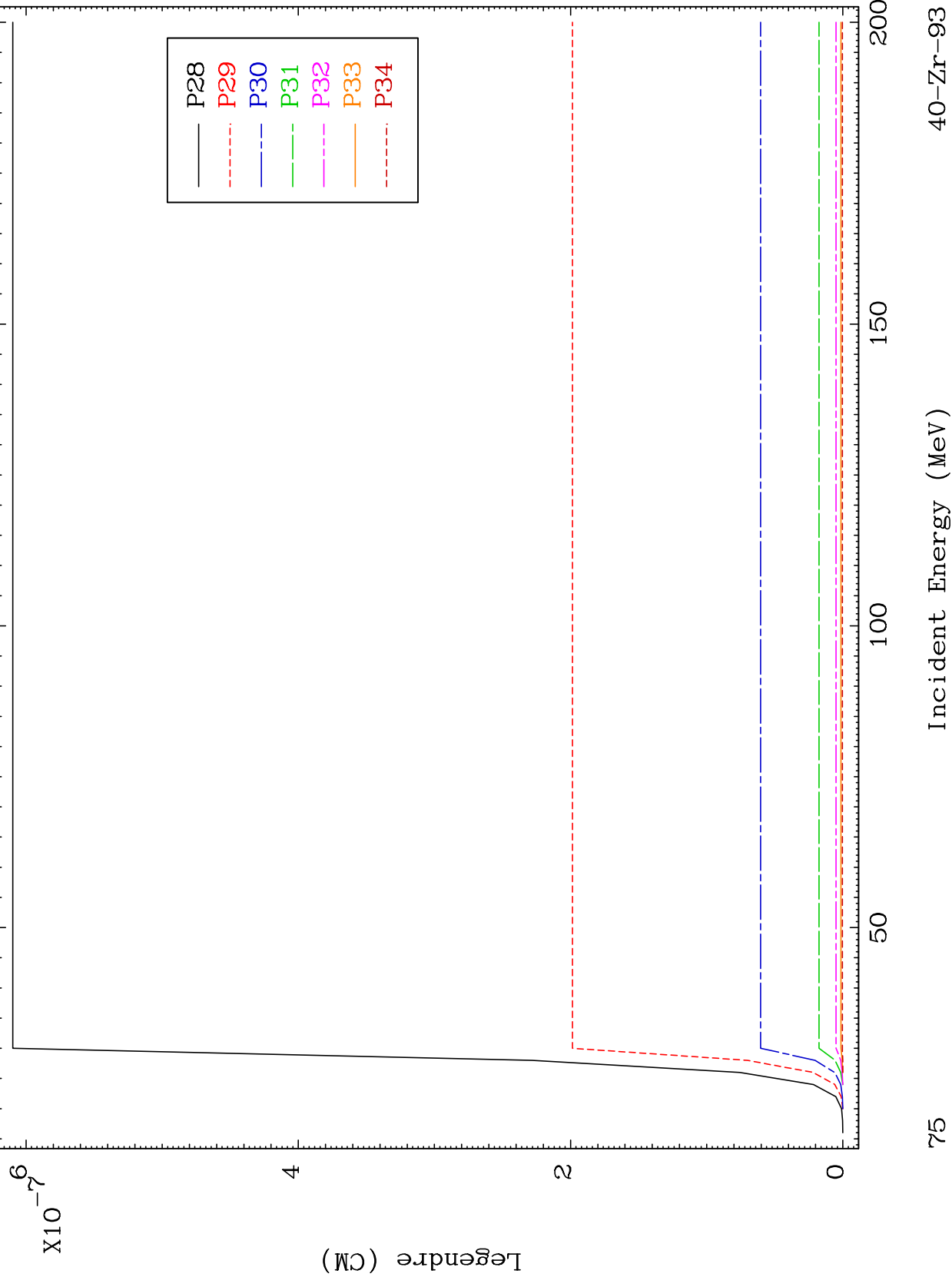




MAT 4034

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

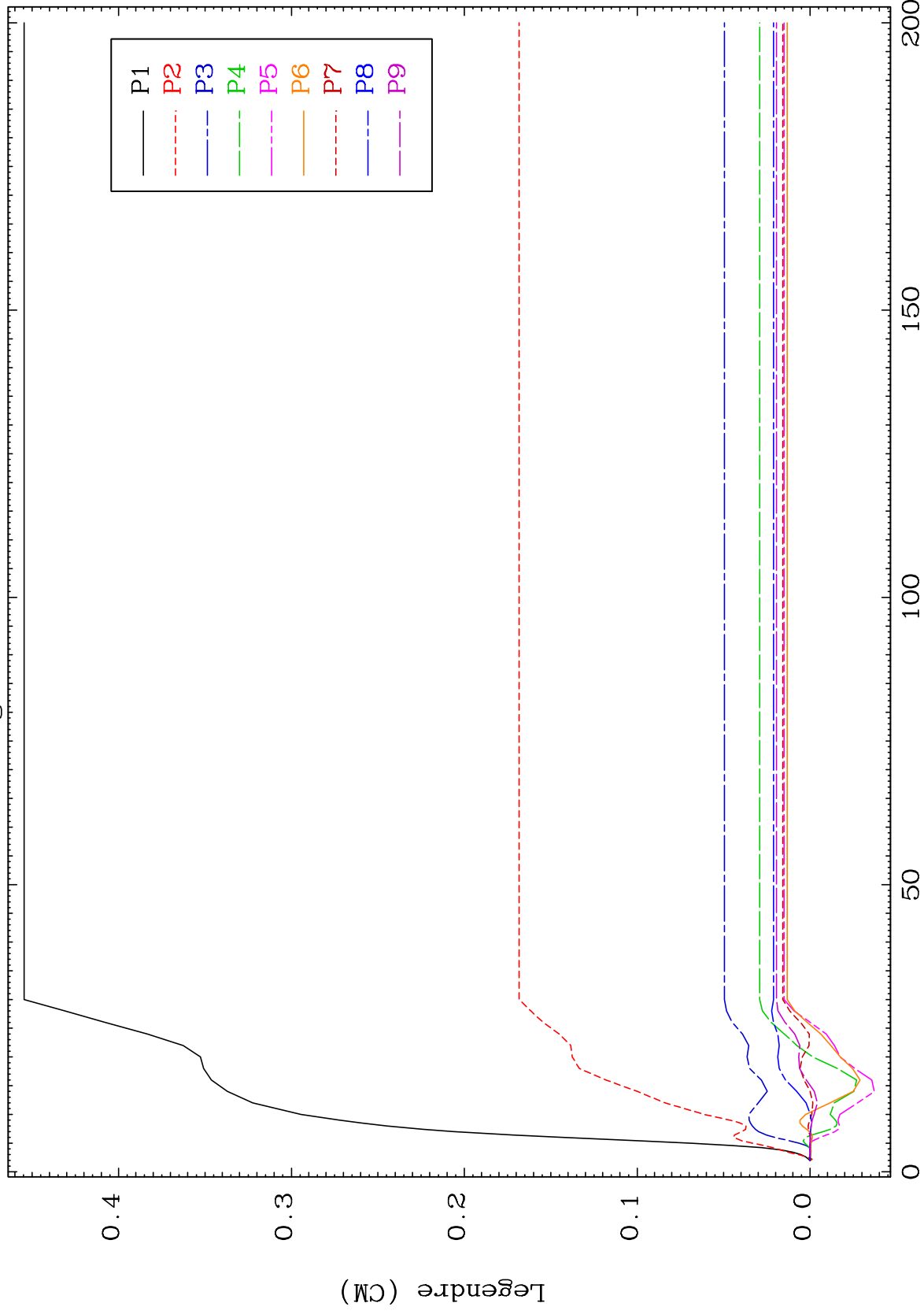
40-Zr-93



MAT 4034

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

40-Zr-93



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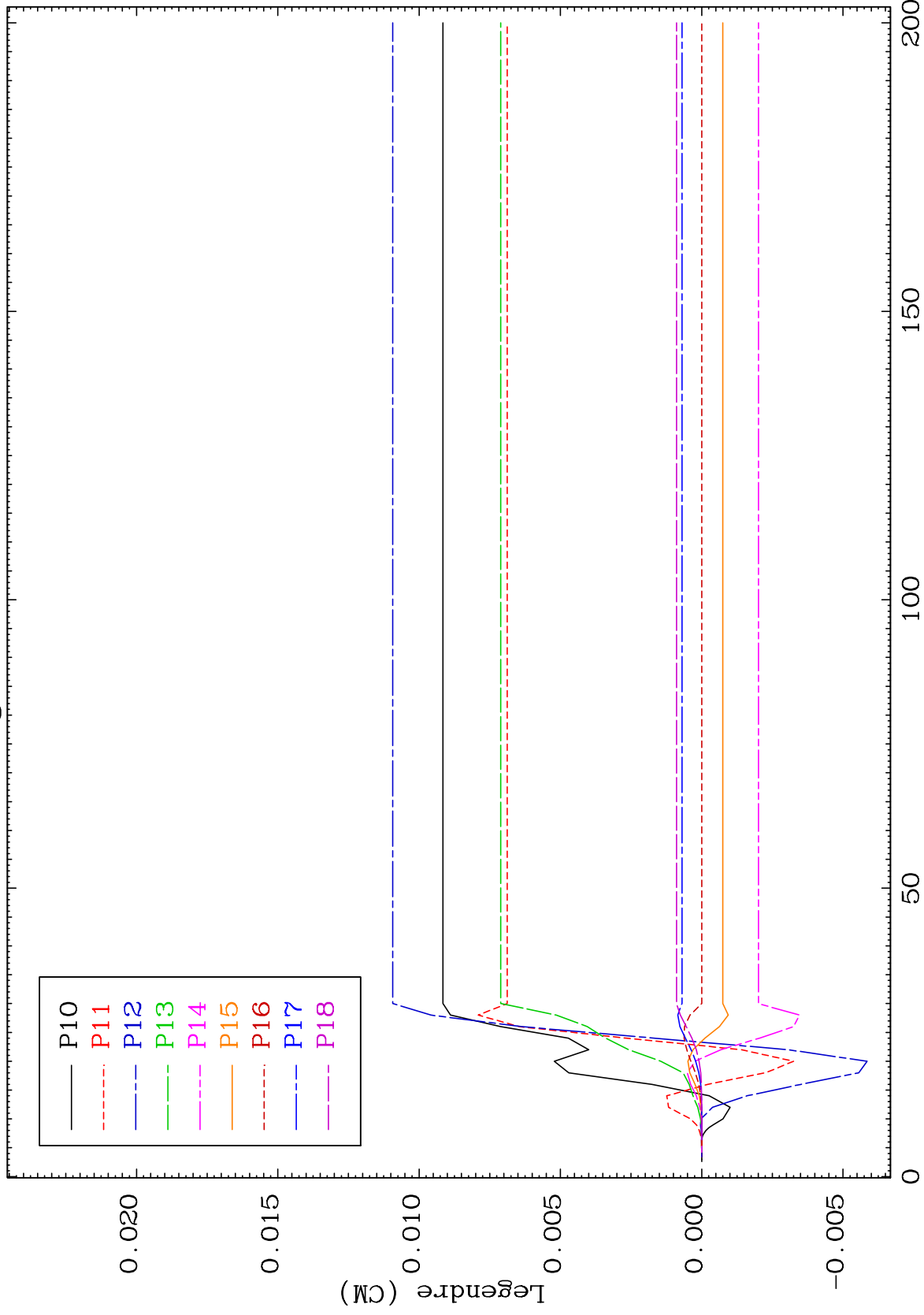
Incident Energy (MeV)

40-Zr-93

MAT 4034

40-Zr-93

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



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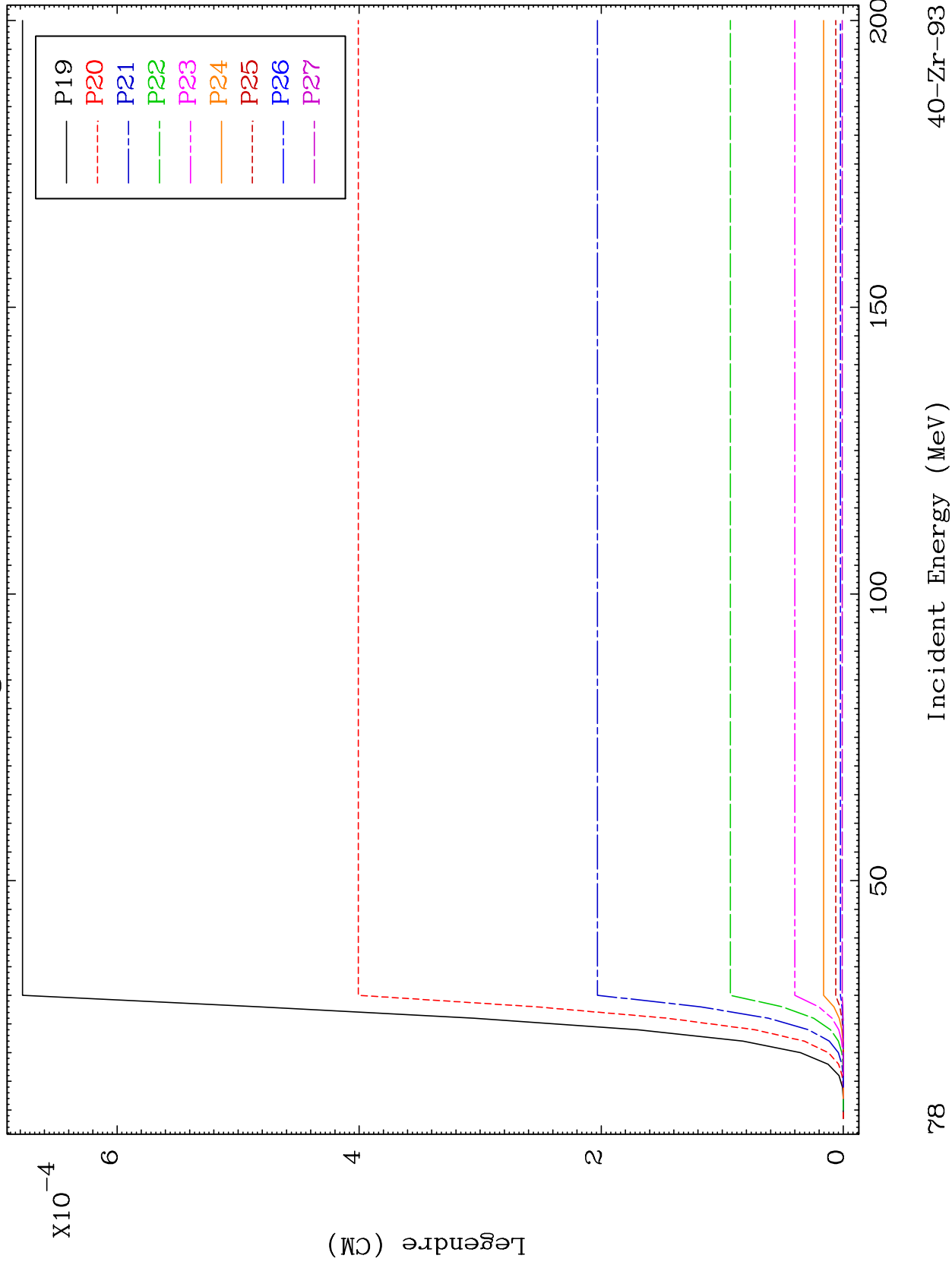
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

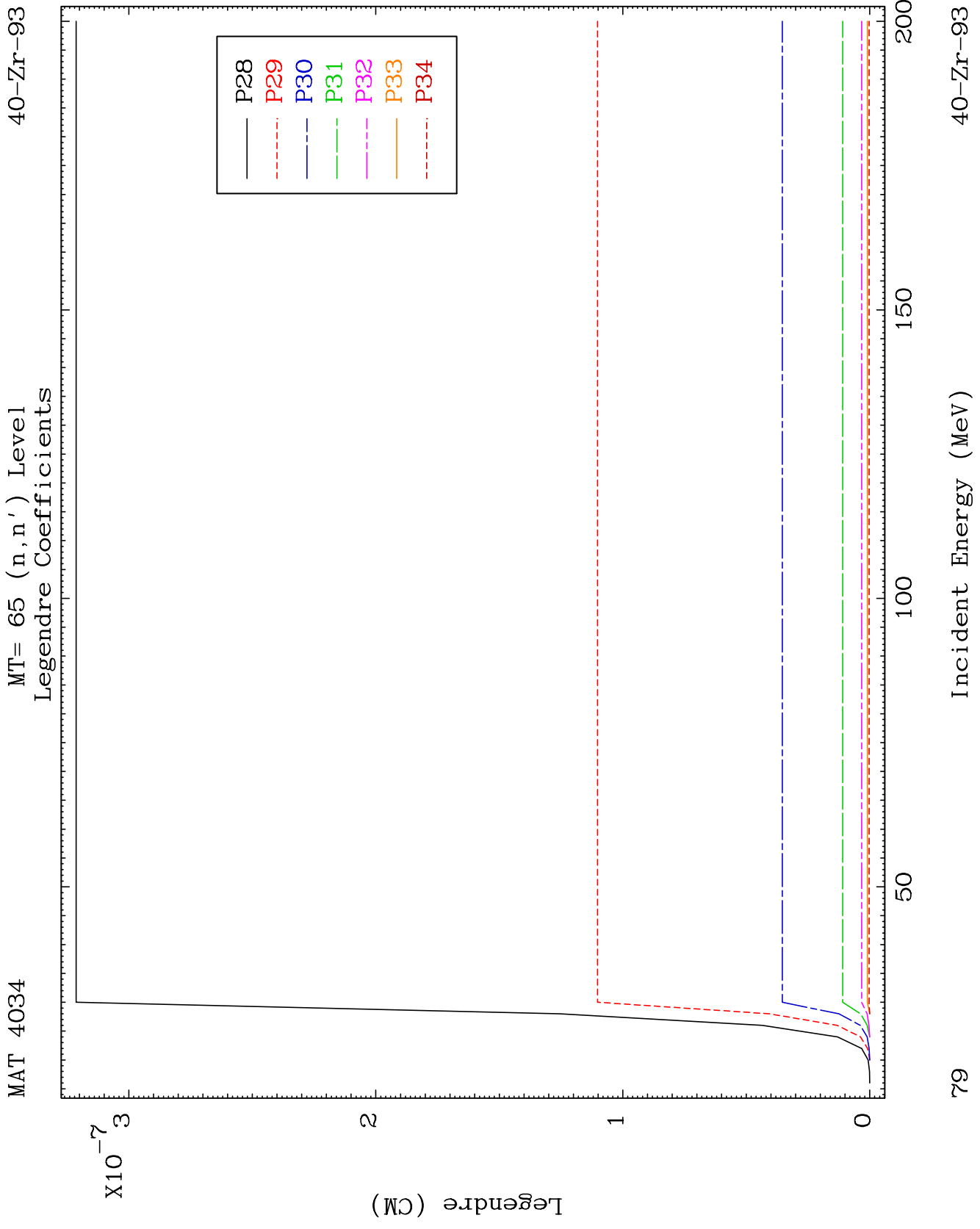
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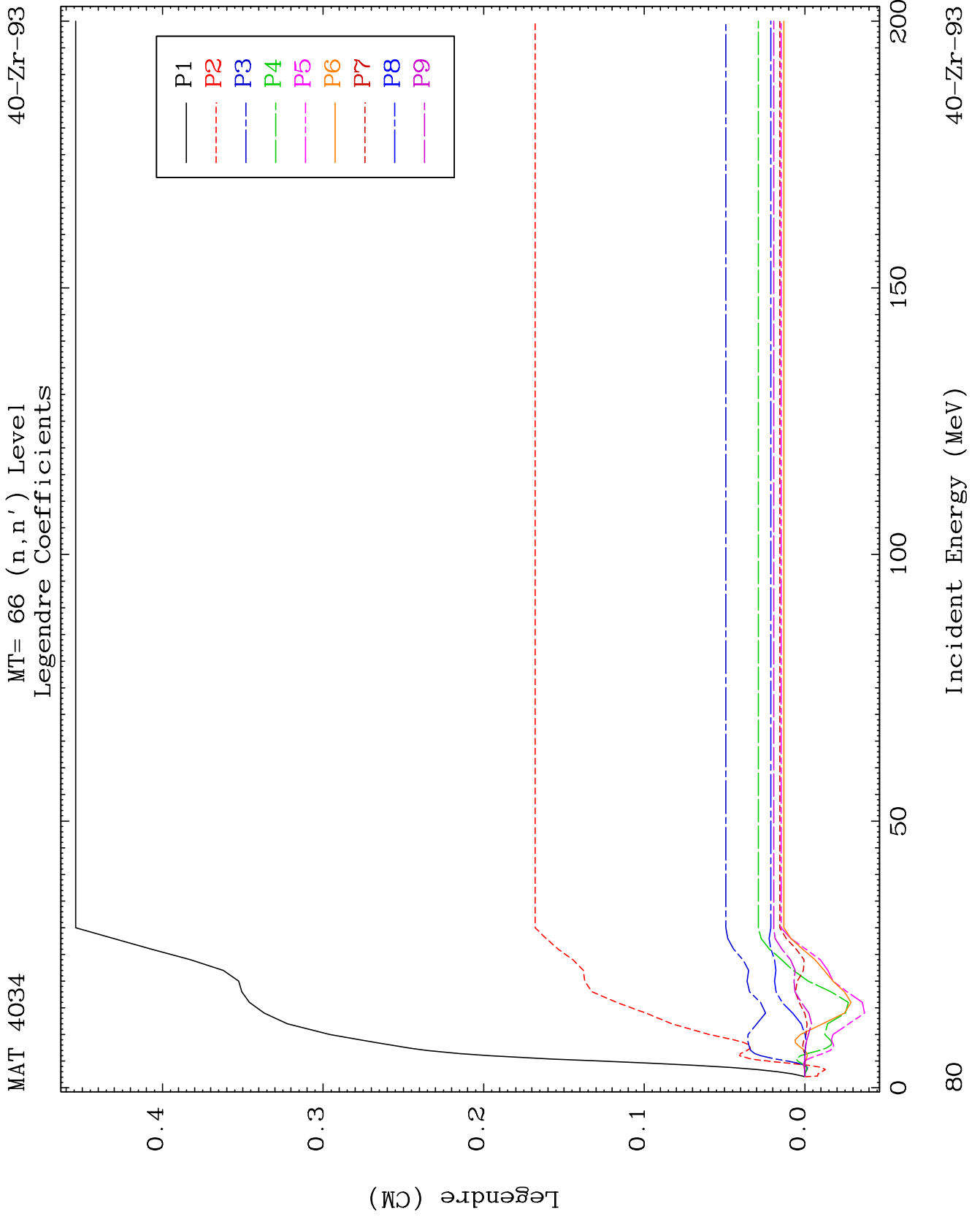
78

Incident Energy (MeV)

40-Zr-93



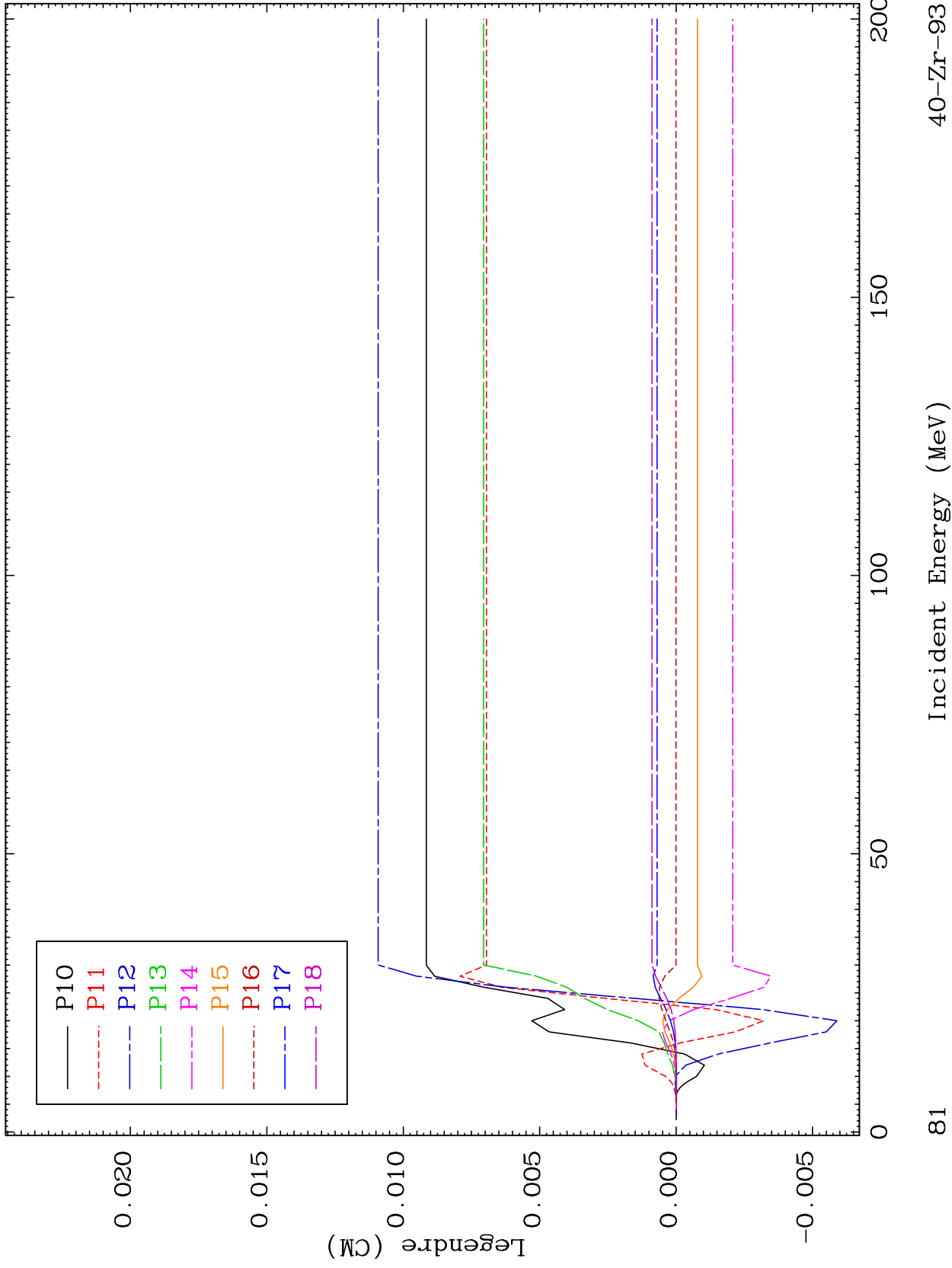




MAT 4034

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

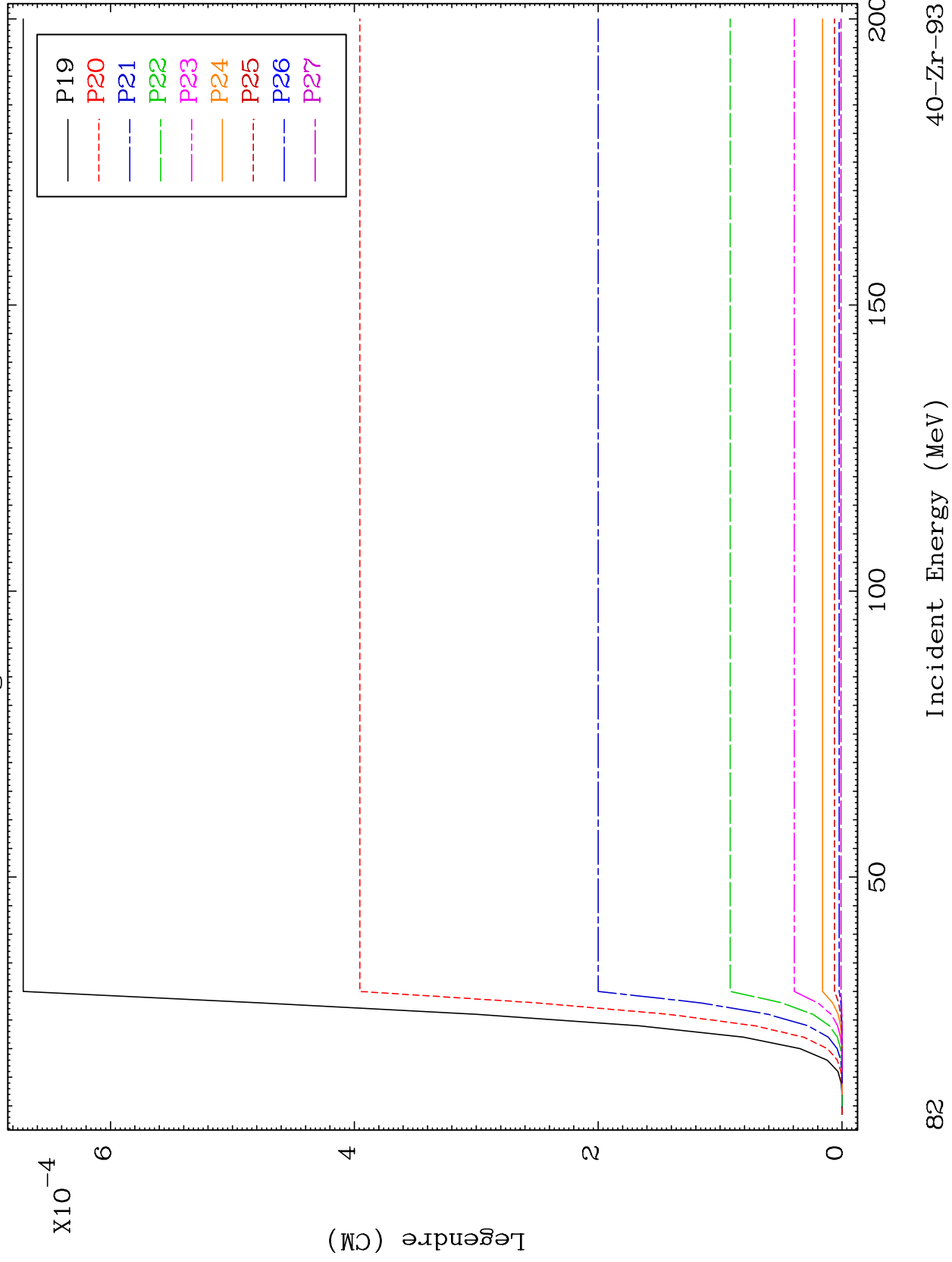
40-Zr-93



MAT 4034

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

40-Zr-93

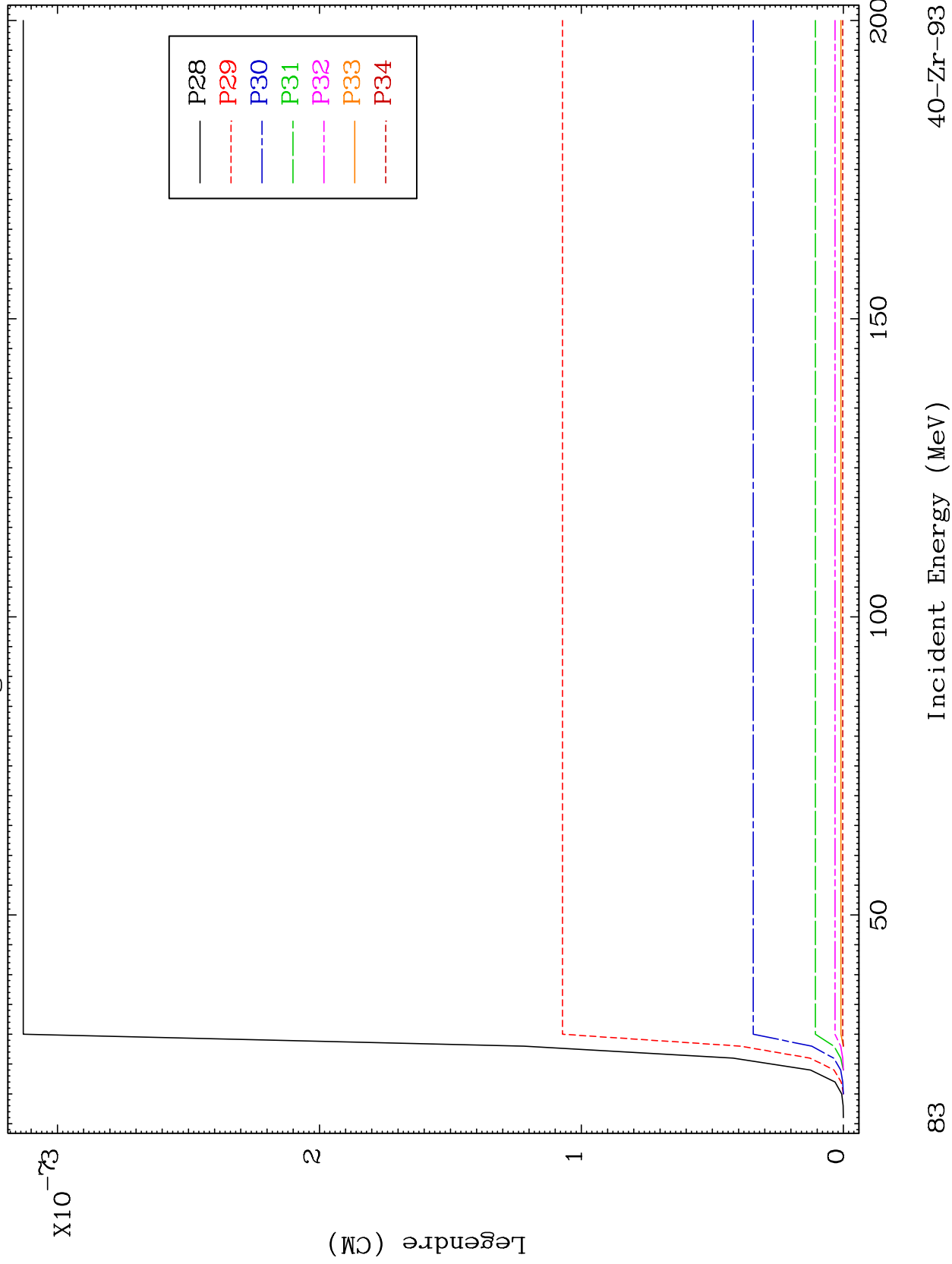


82

MAT 4034

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

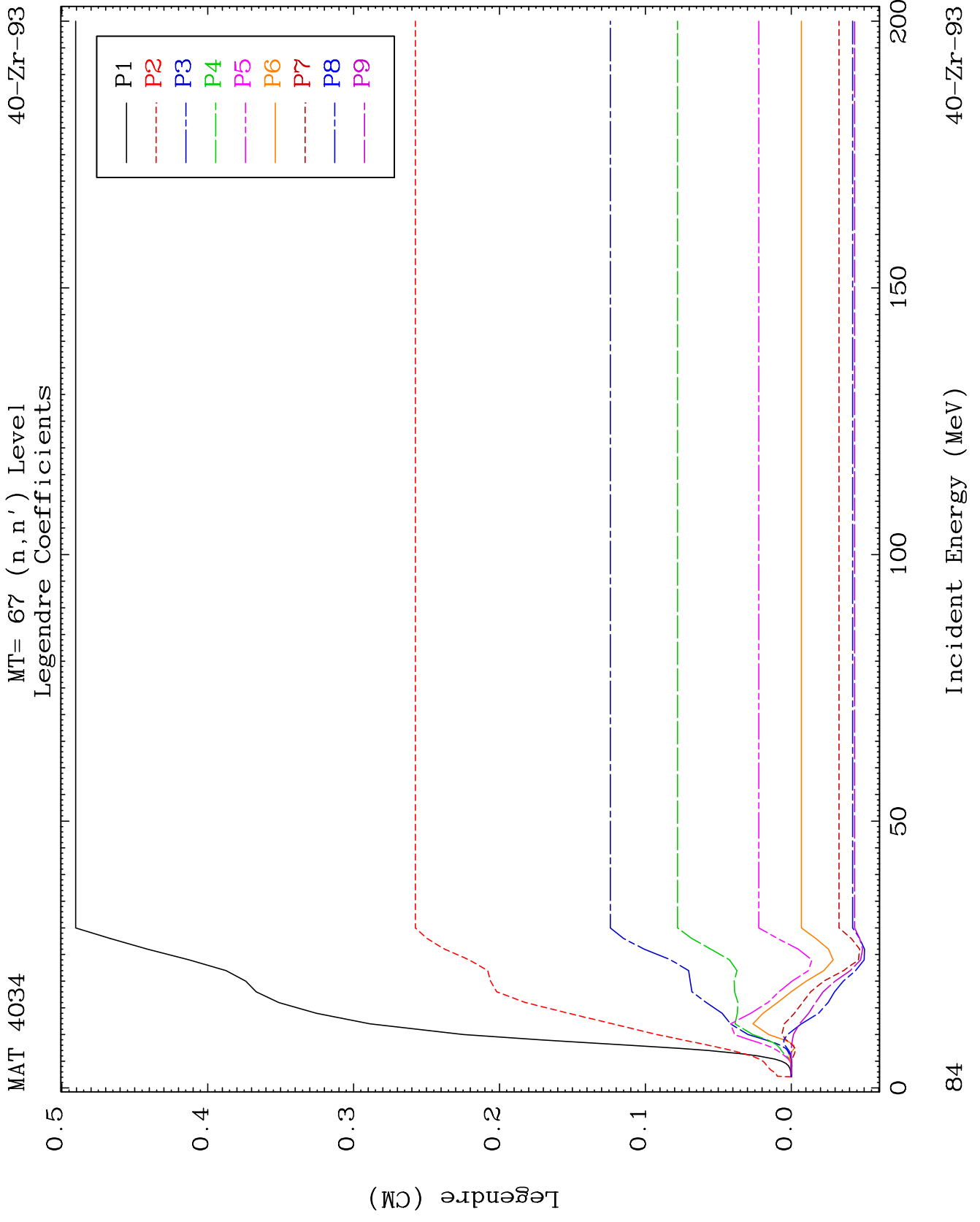
40-Zr-93



83

Incident Energy (MeV)

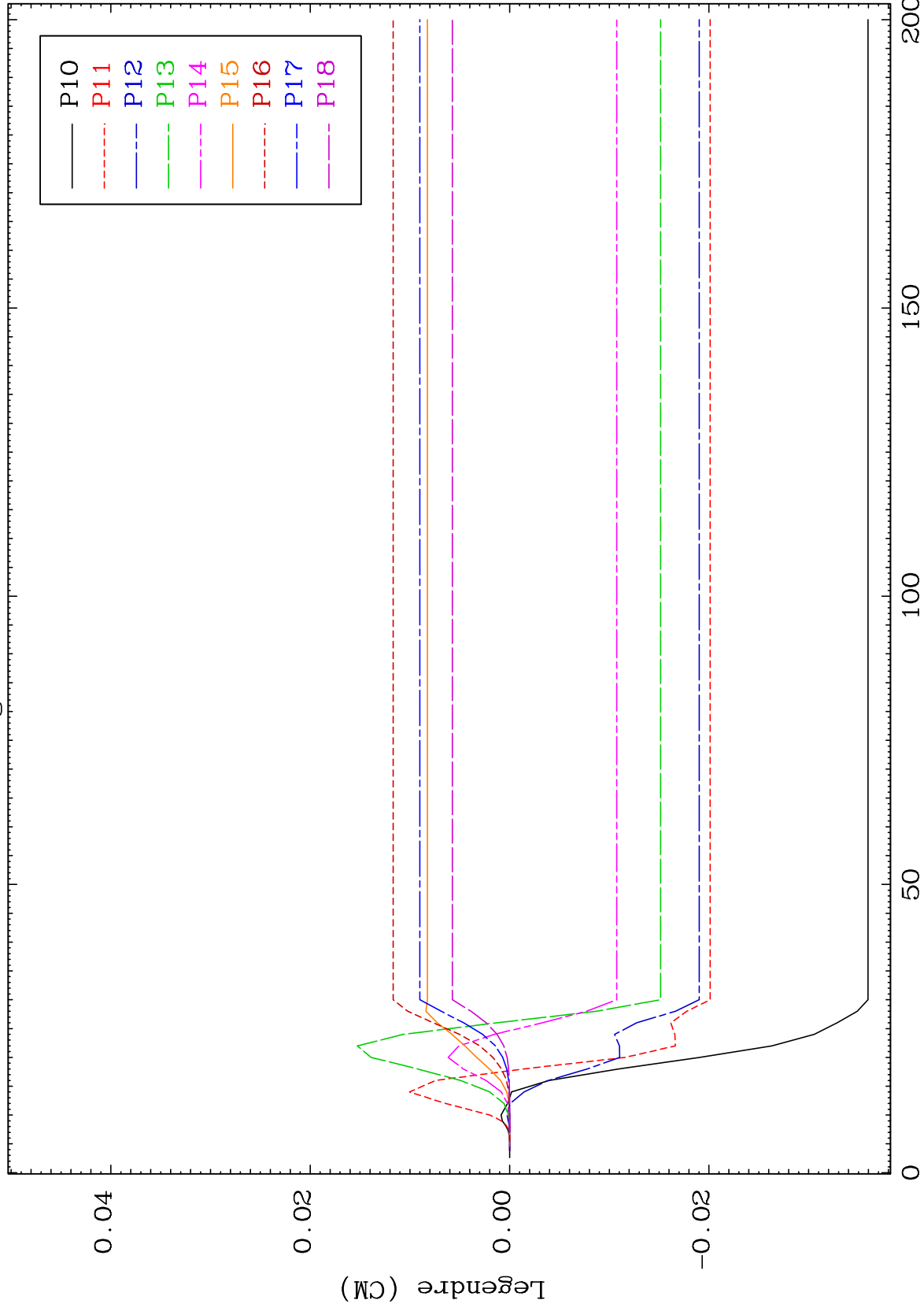
40-Zr-93



MAT 4034

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

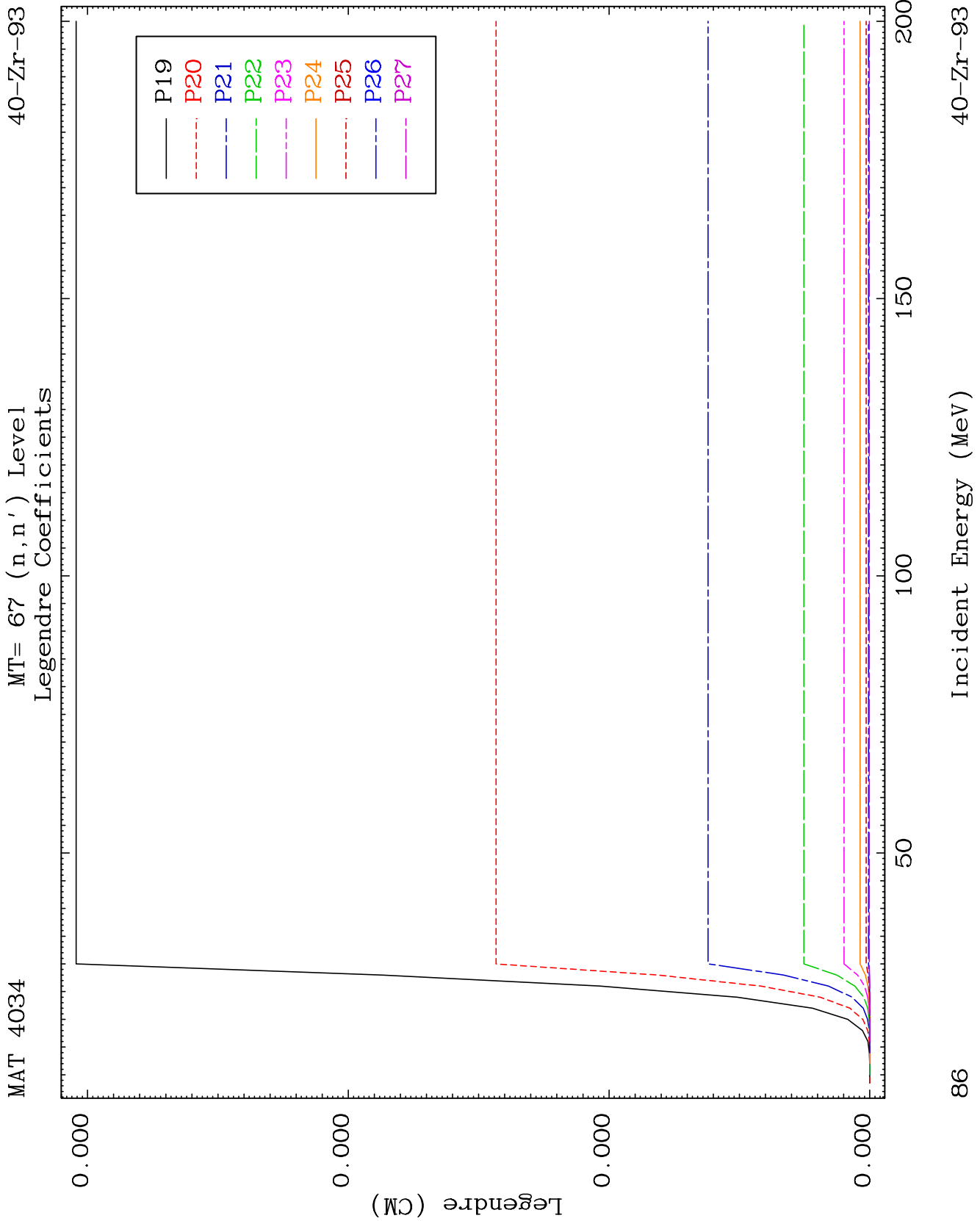
40-Zr-93

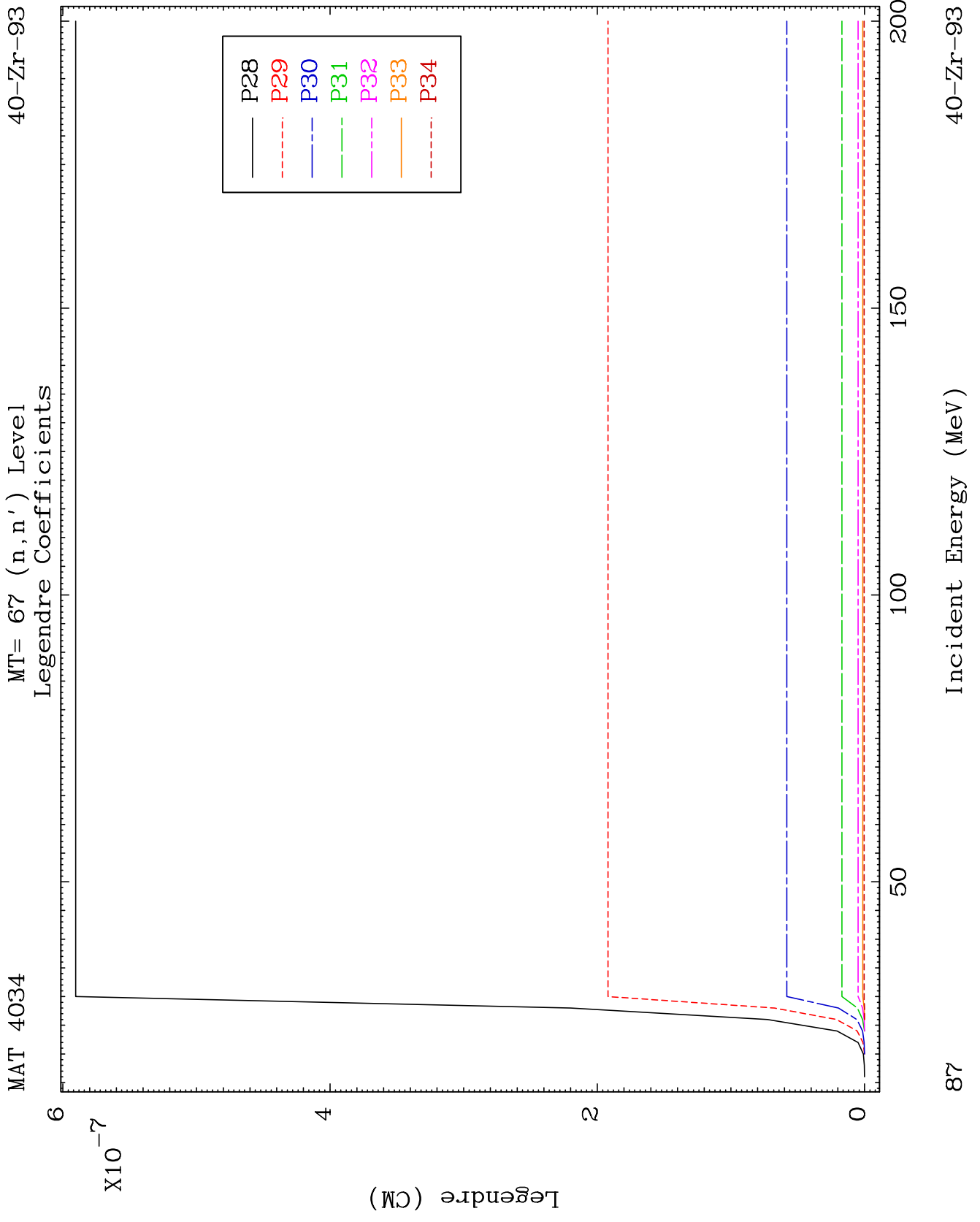


85

Incident Energy (MeV)

40-Zr-93





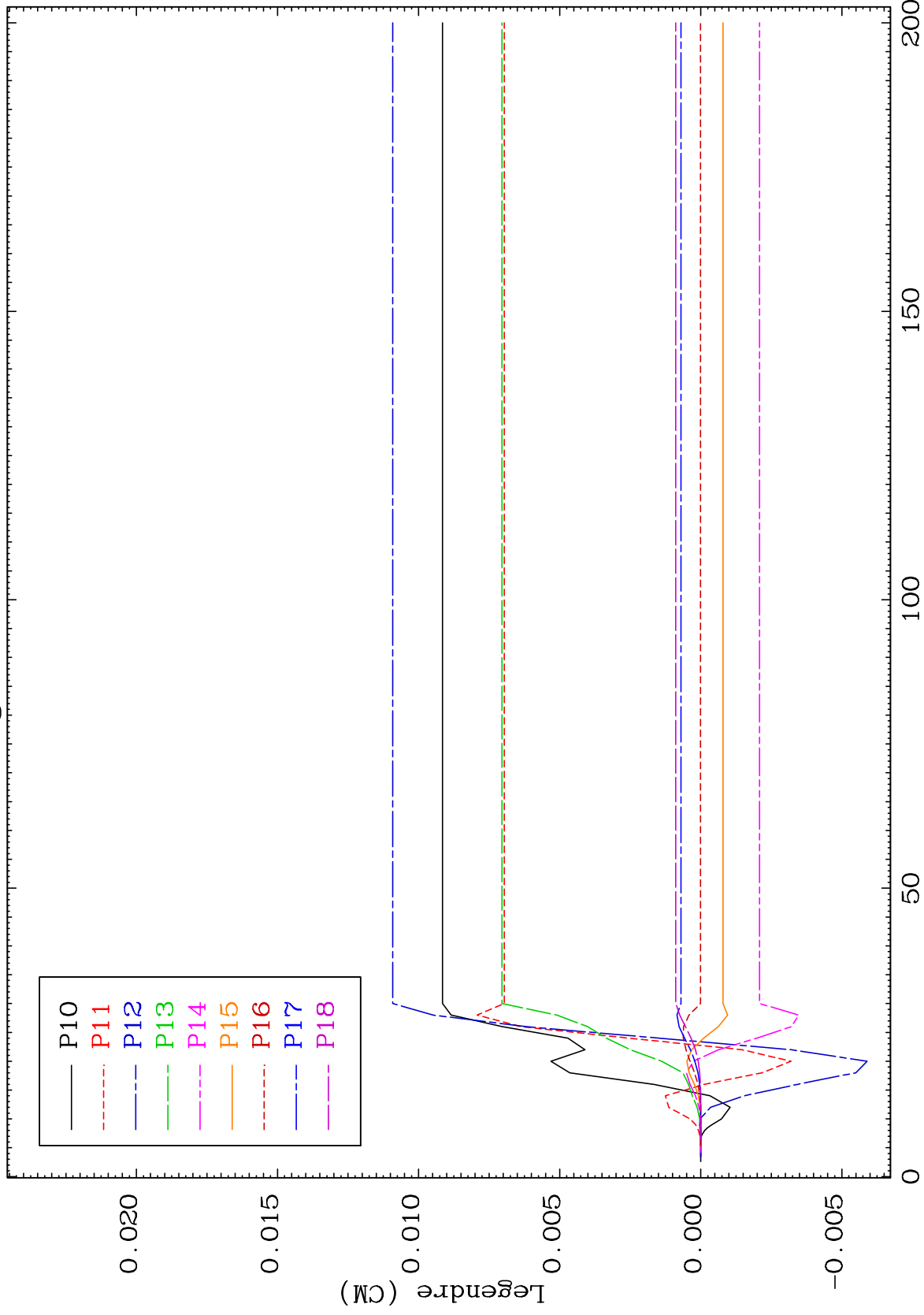




MAT 4034

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

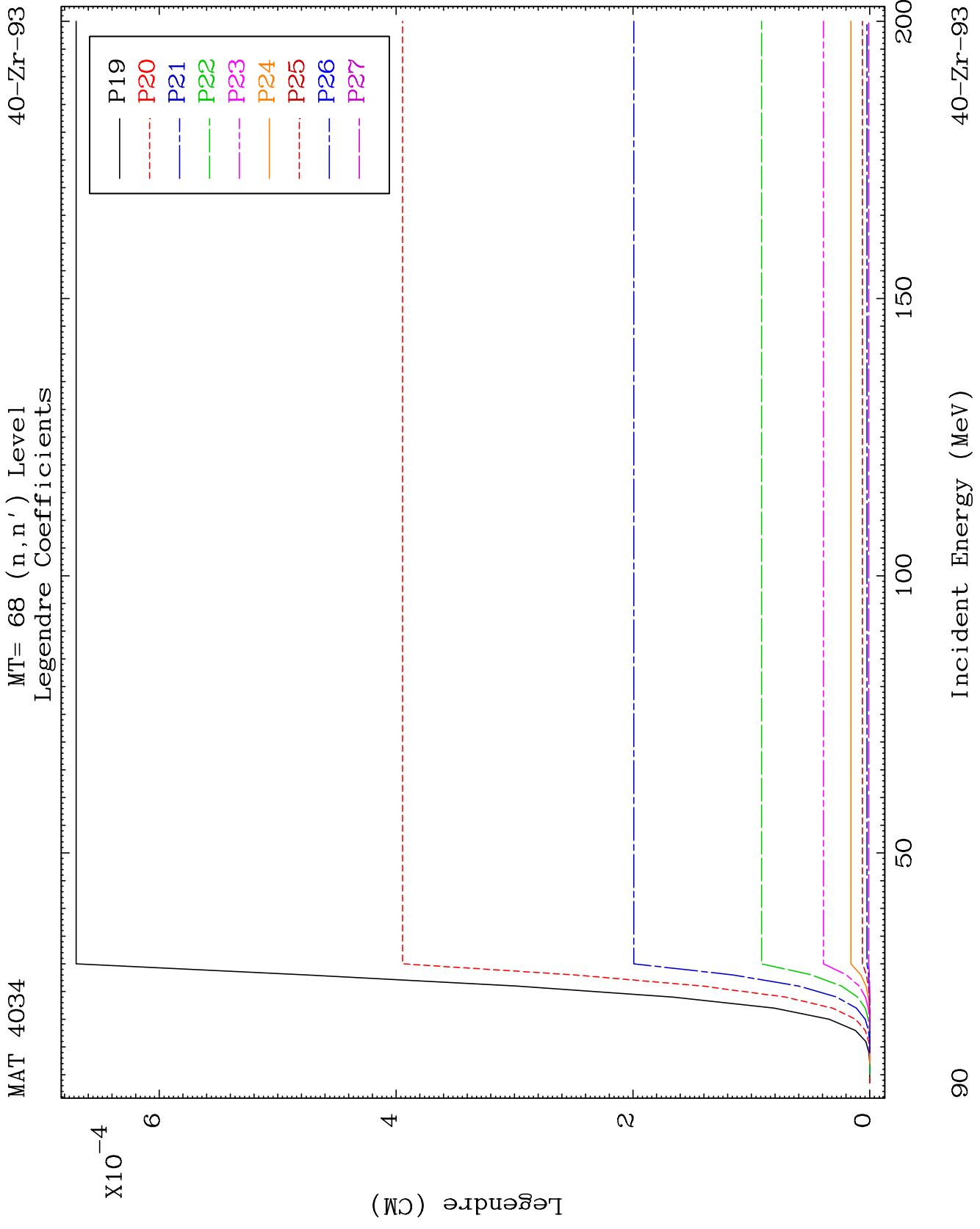
40-Zr-93



89

Incident Energy (MeV)

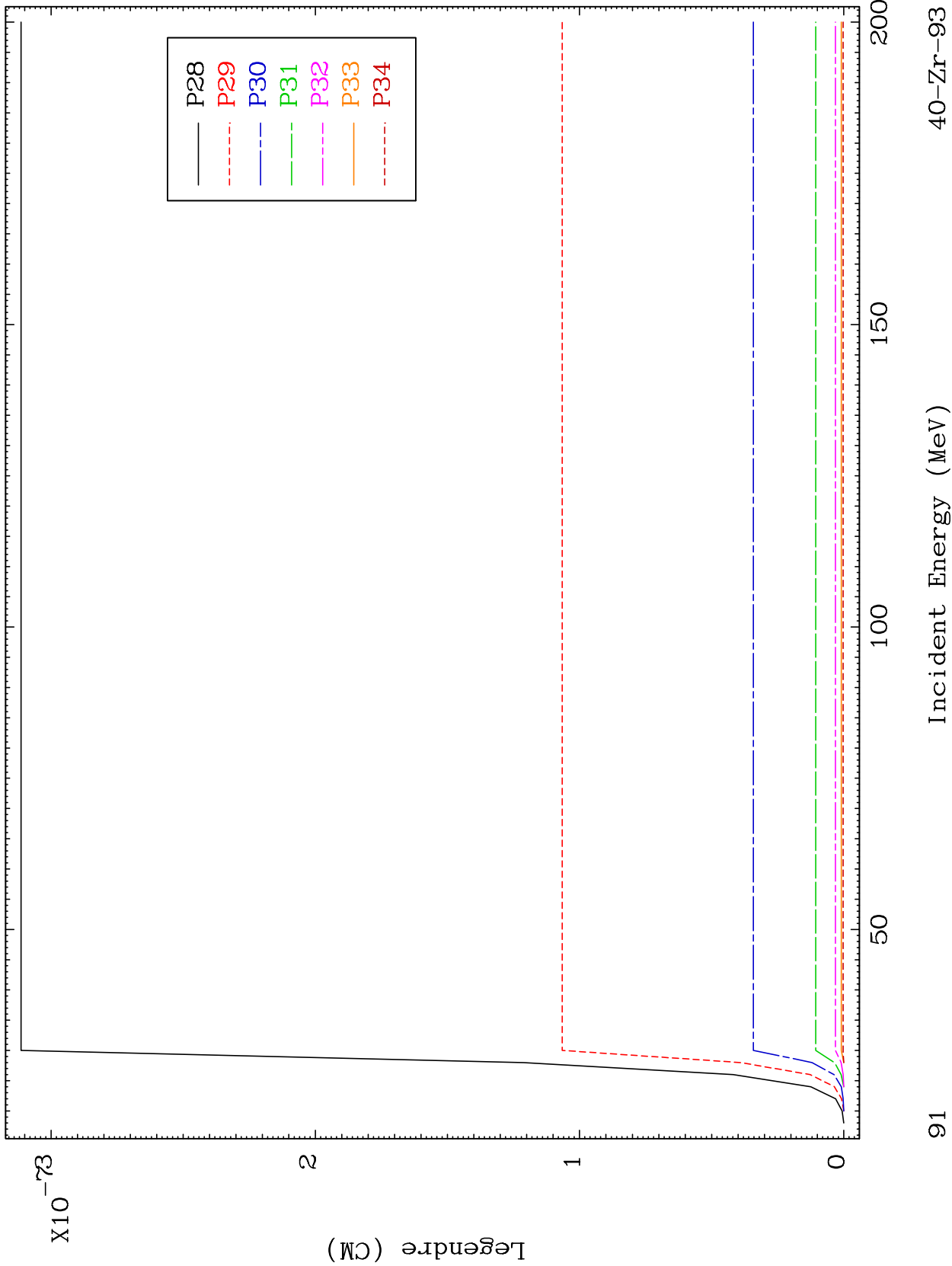
40-Zr-93



MAT 4034

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

40-Zr-93



91

Incident Energy (MeV)

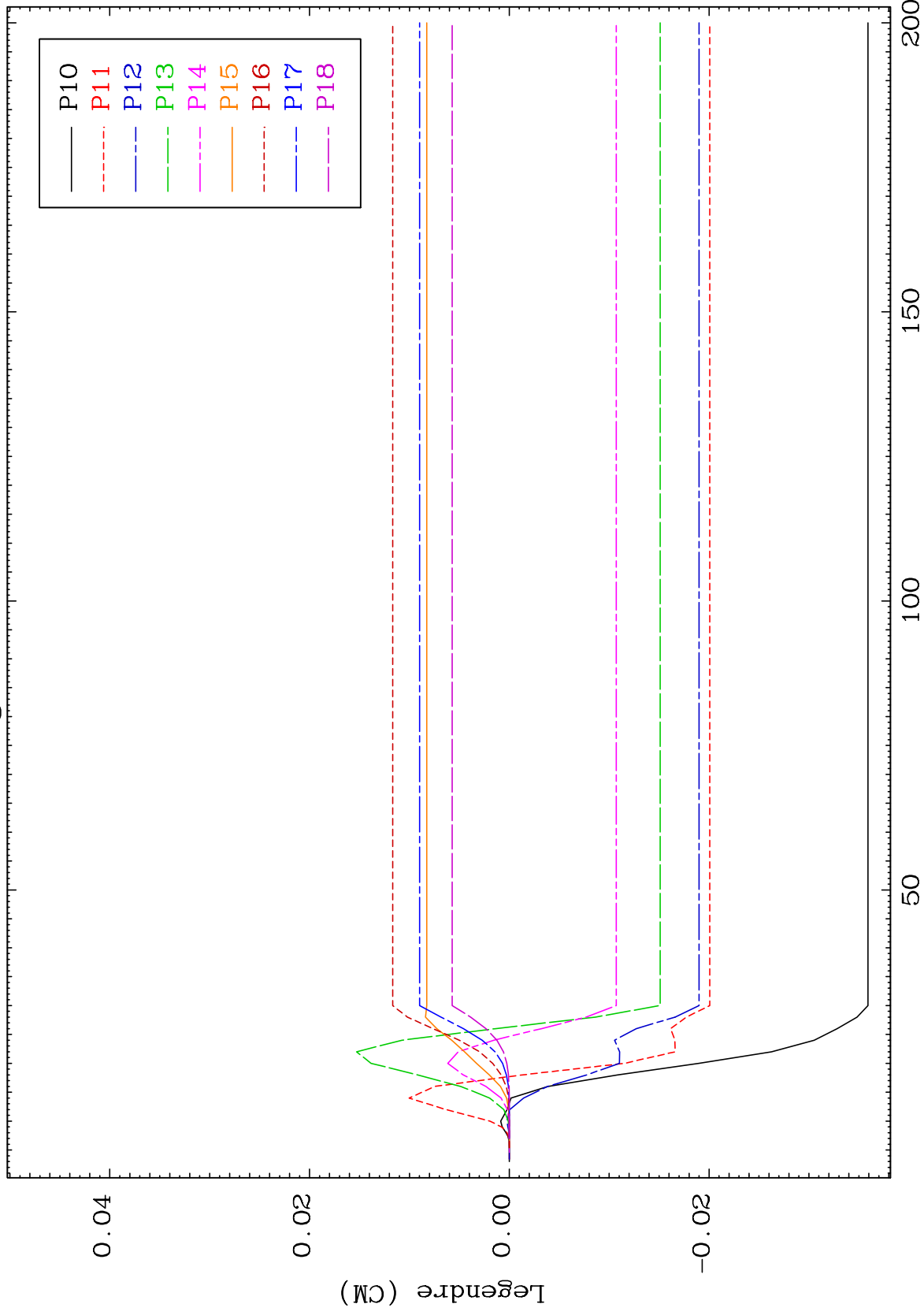
40-Zr-93



MAT 4034

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

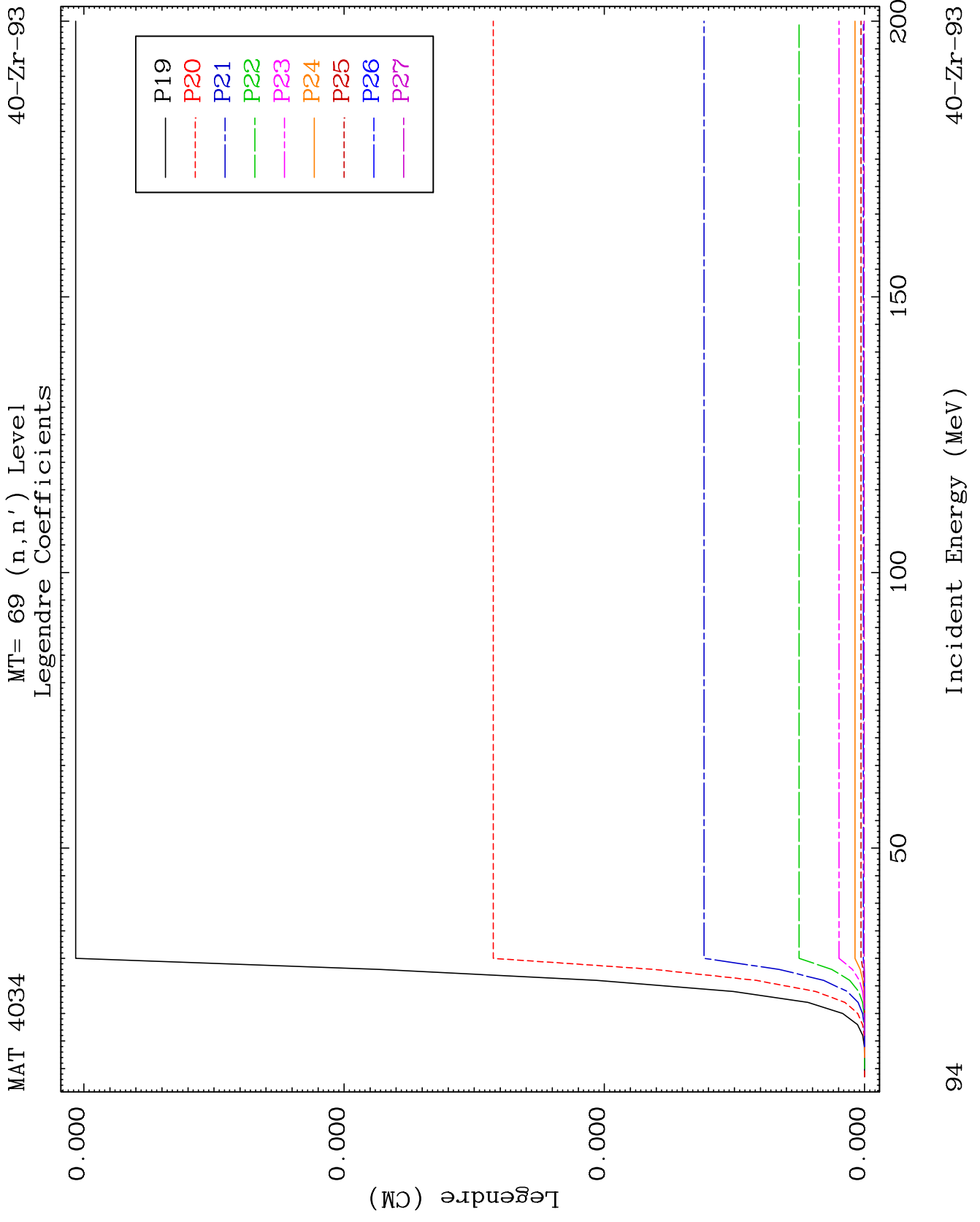
40-Zr-93



93

Incident Energy (MeV)

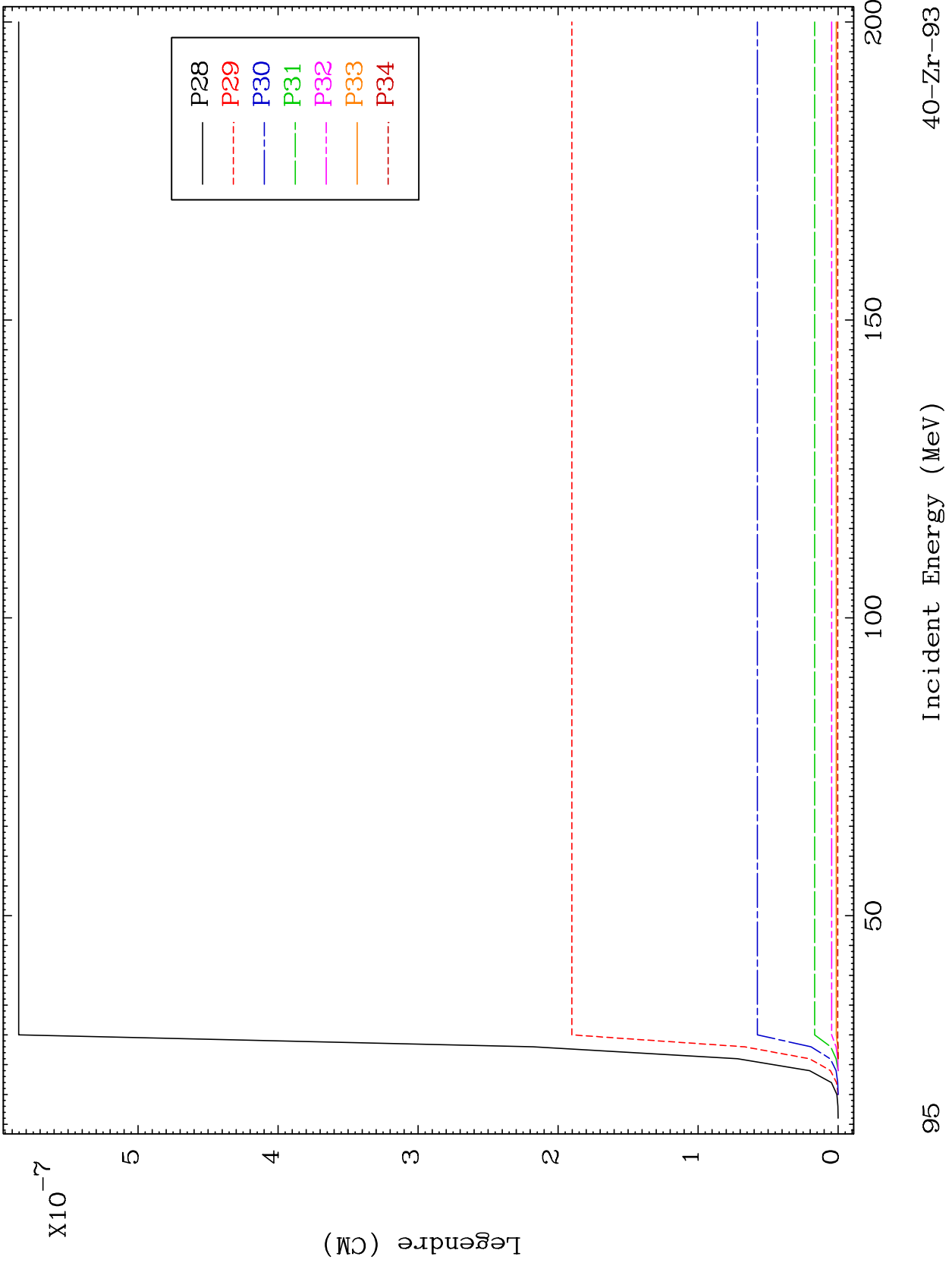
40-Zr-93



MAT 4034

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

40-Zr-93

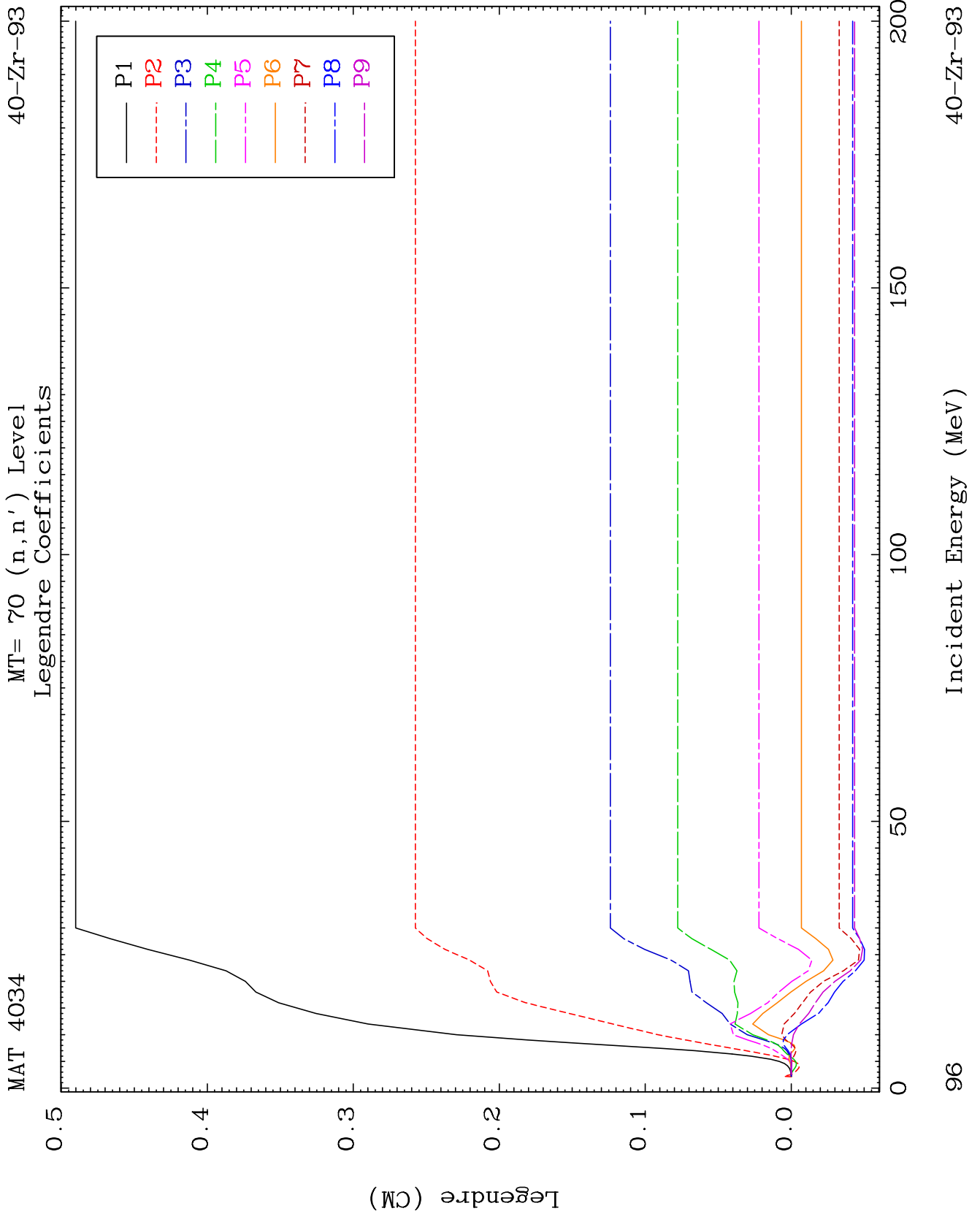


95

Incident Energy (MeV)

40-Zr-93

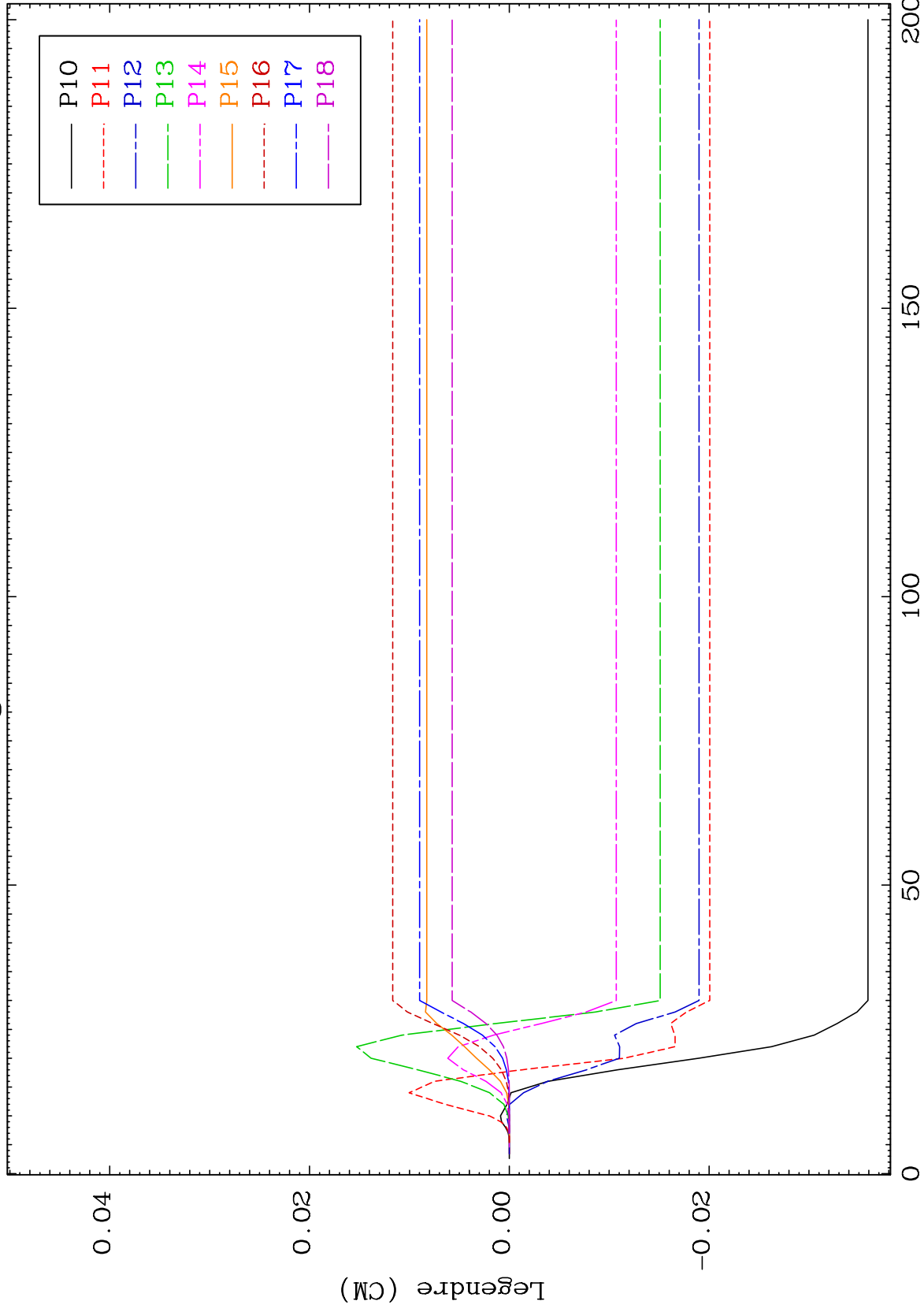




MAT 4034

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

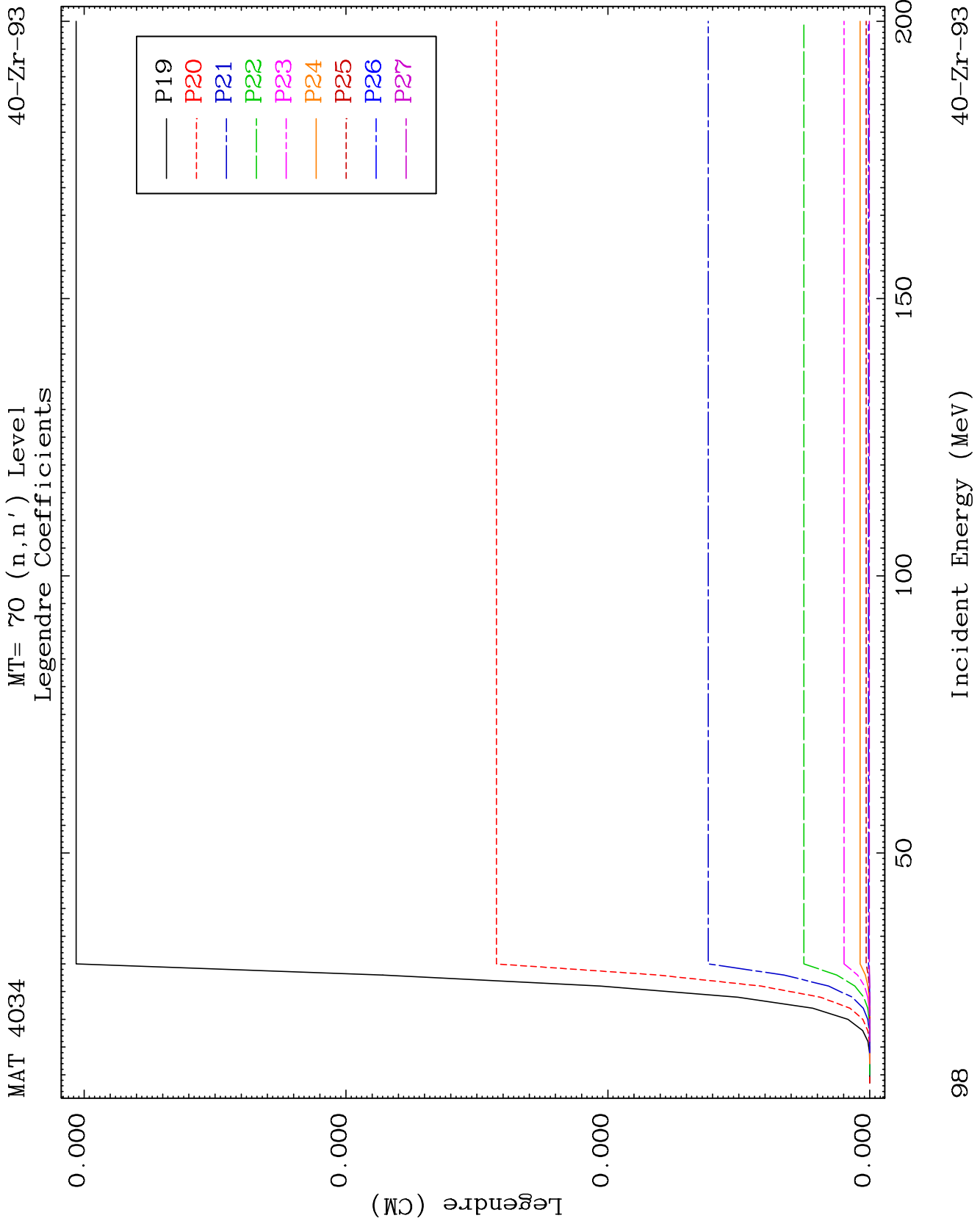
40-Zr-93

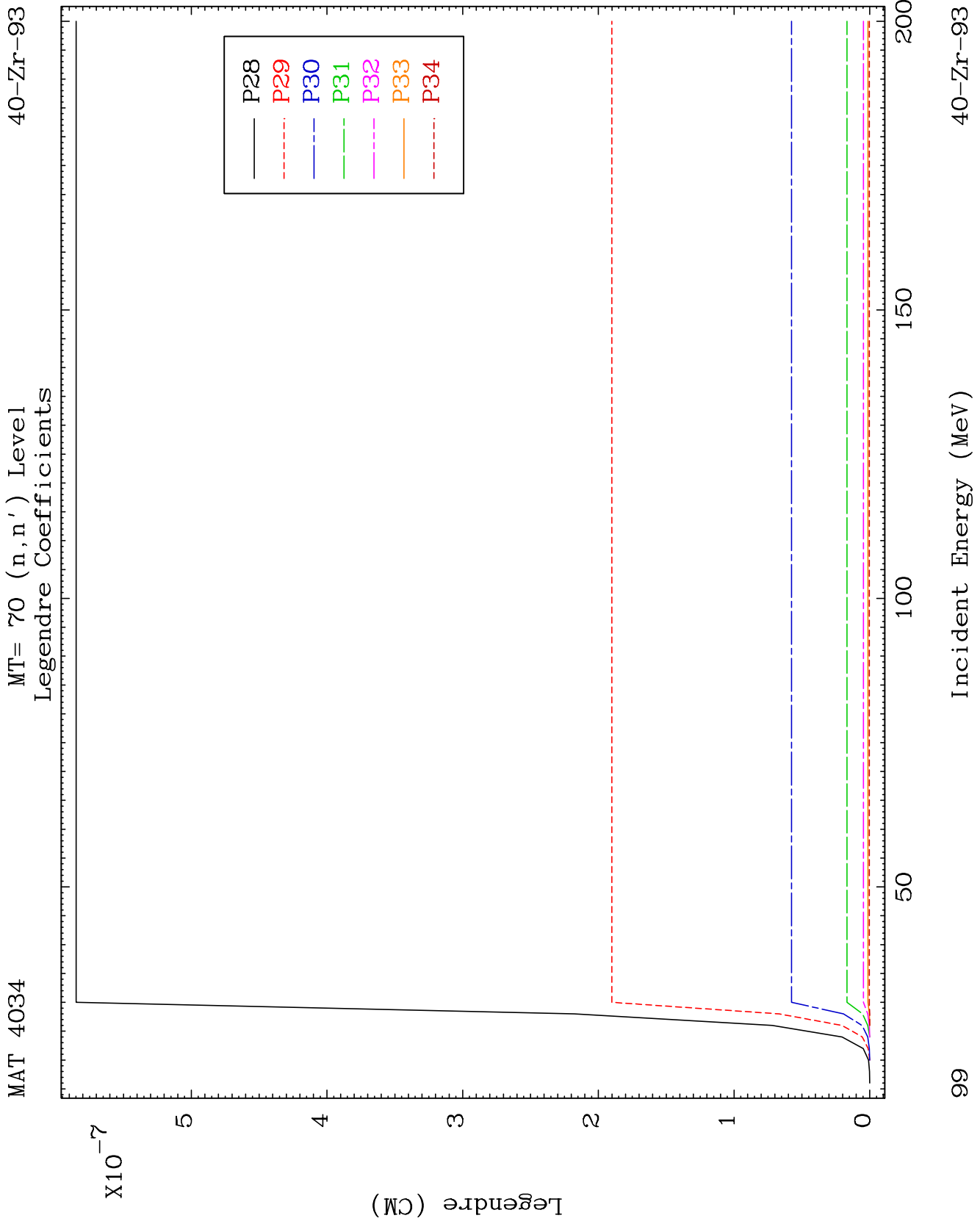


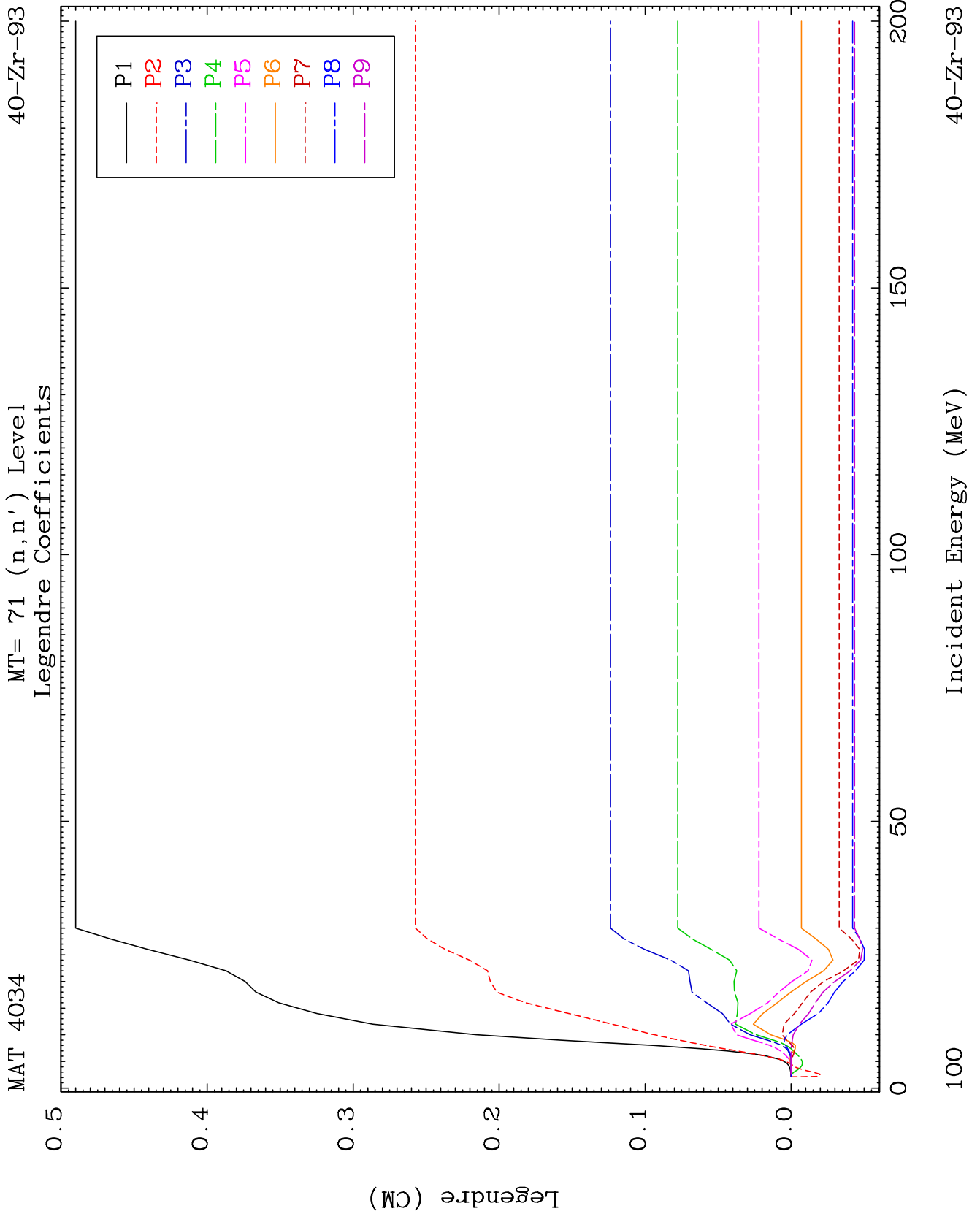
97

Incident Energy (MeV)

40-Zr-93



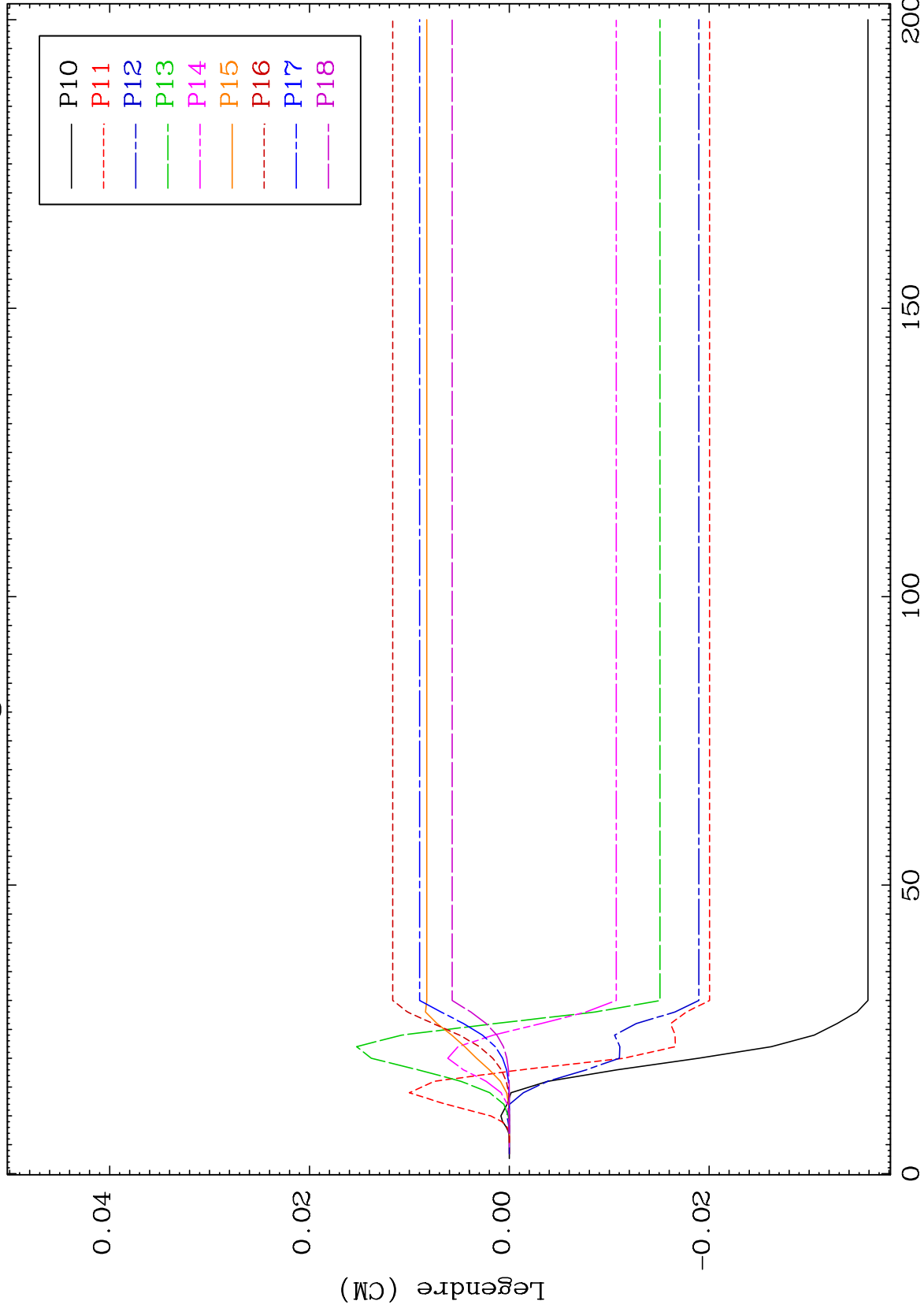




MAT 4034

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

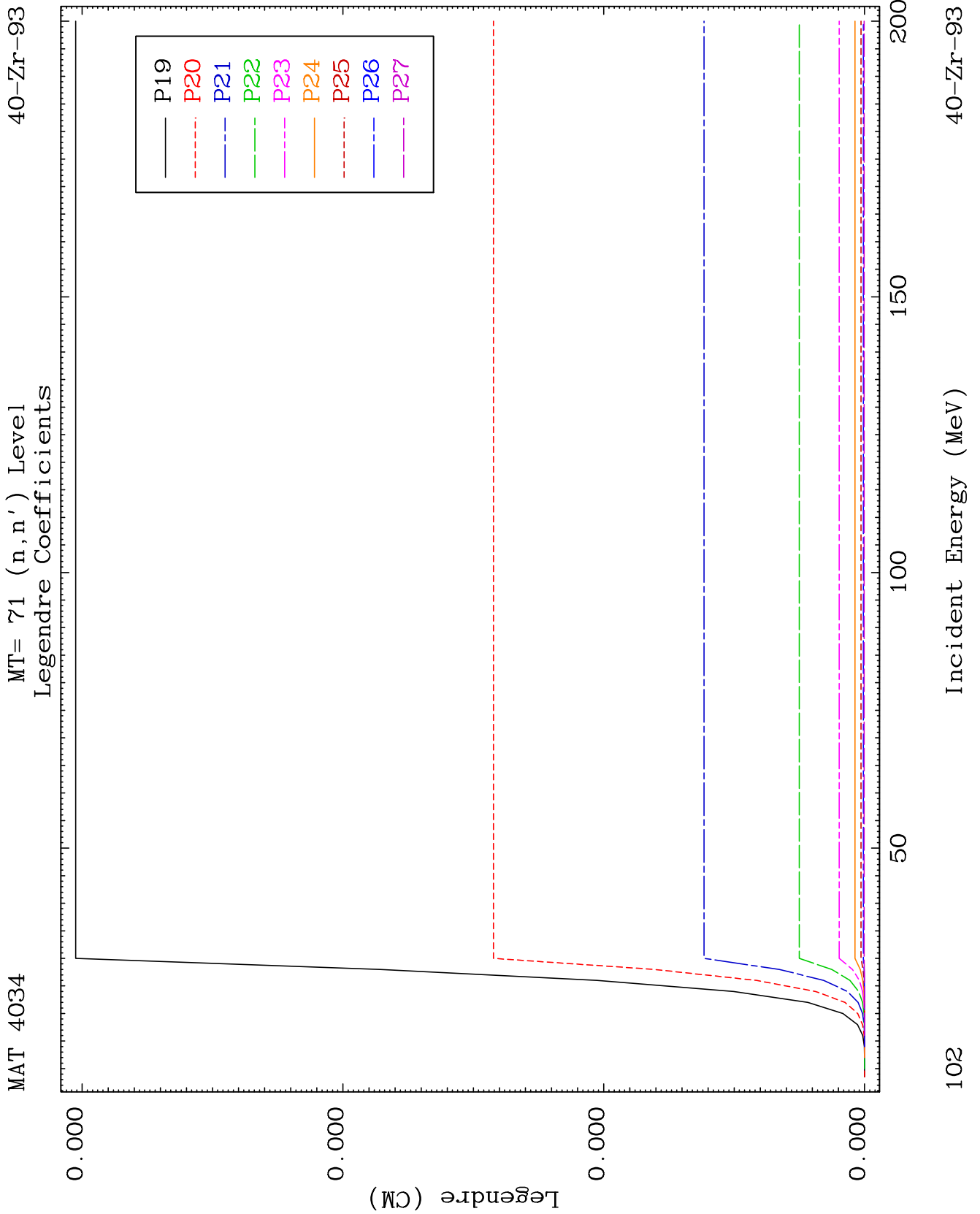
40-Zr-93

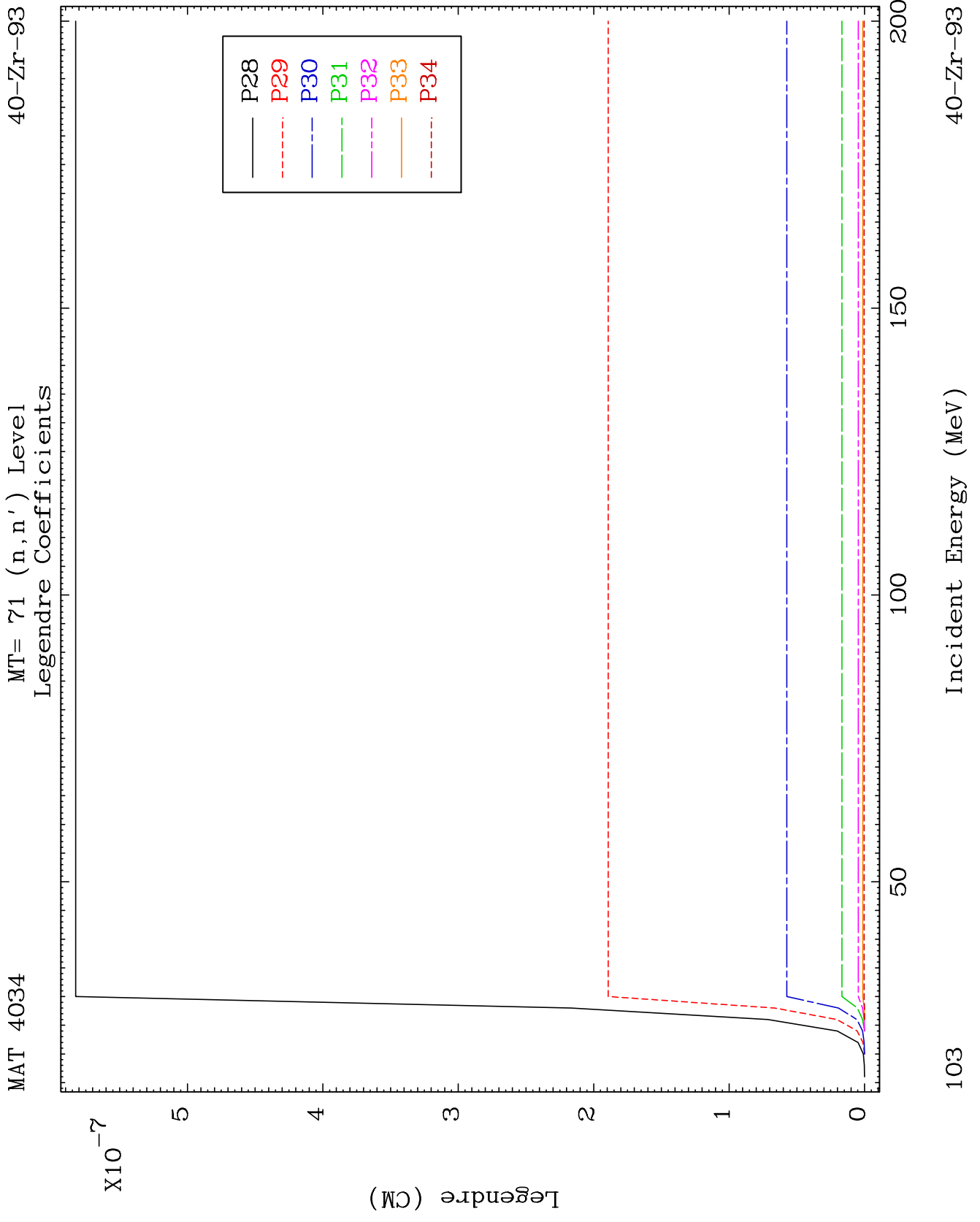


101

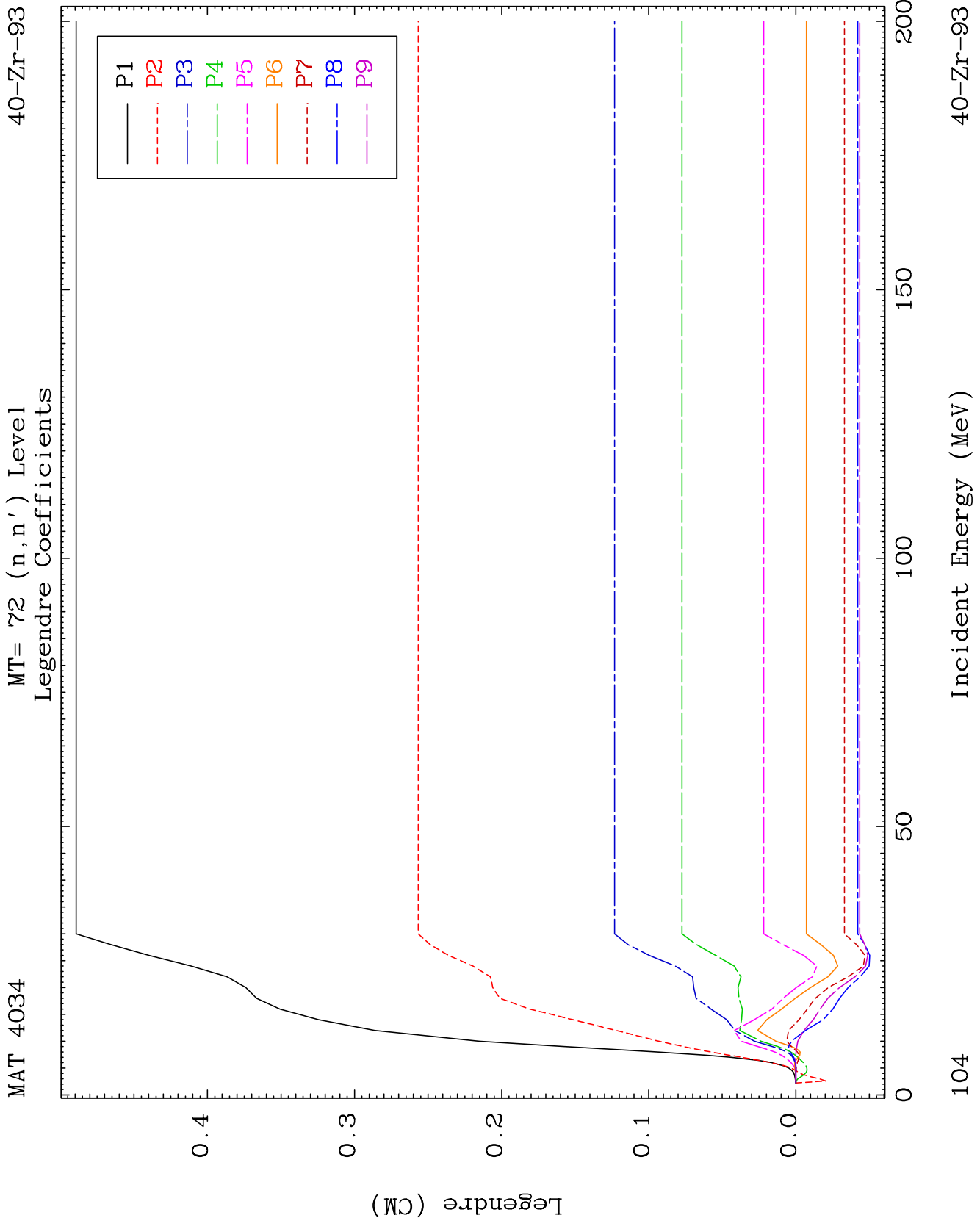
Incident Energy (MeV)

40-Zr-93





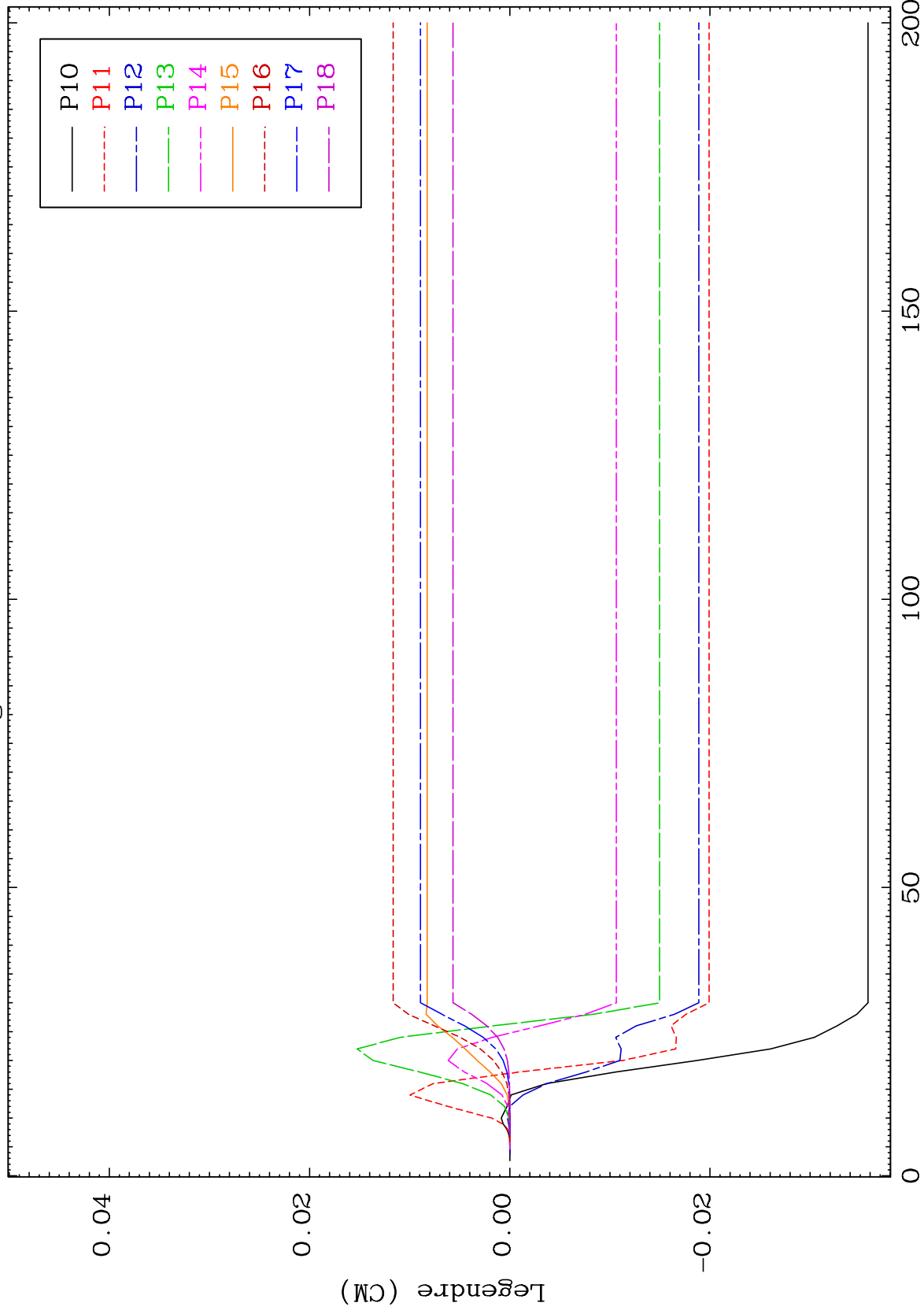




MAT 4034

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

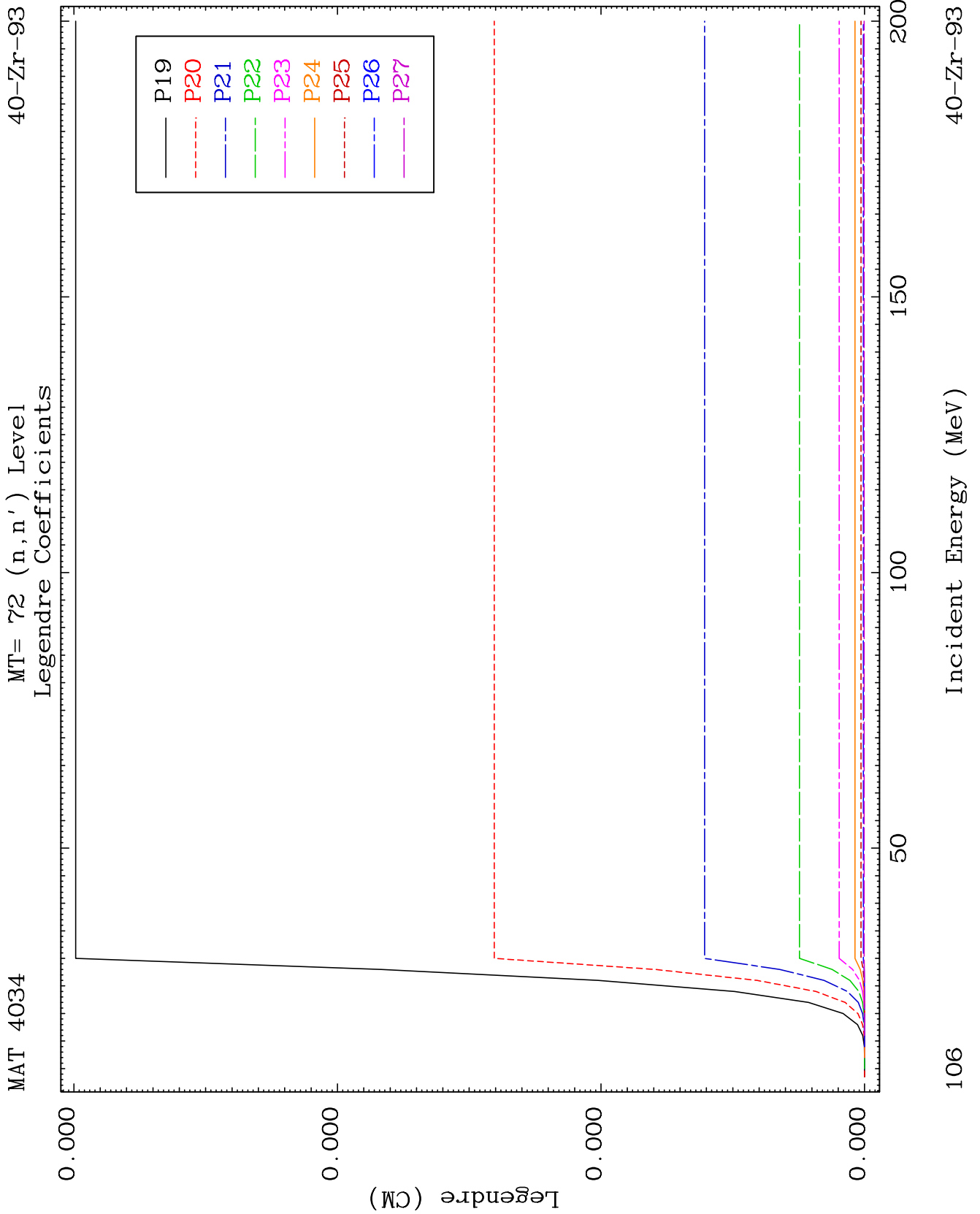
40-Zr-93



105

Incident Energy (MeV)

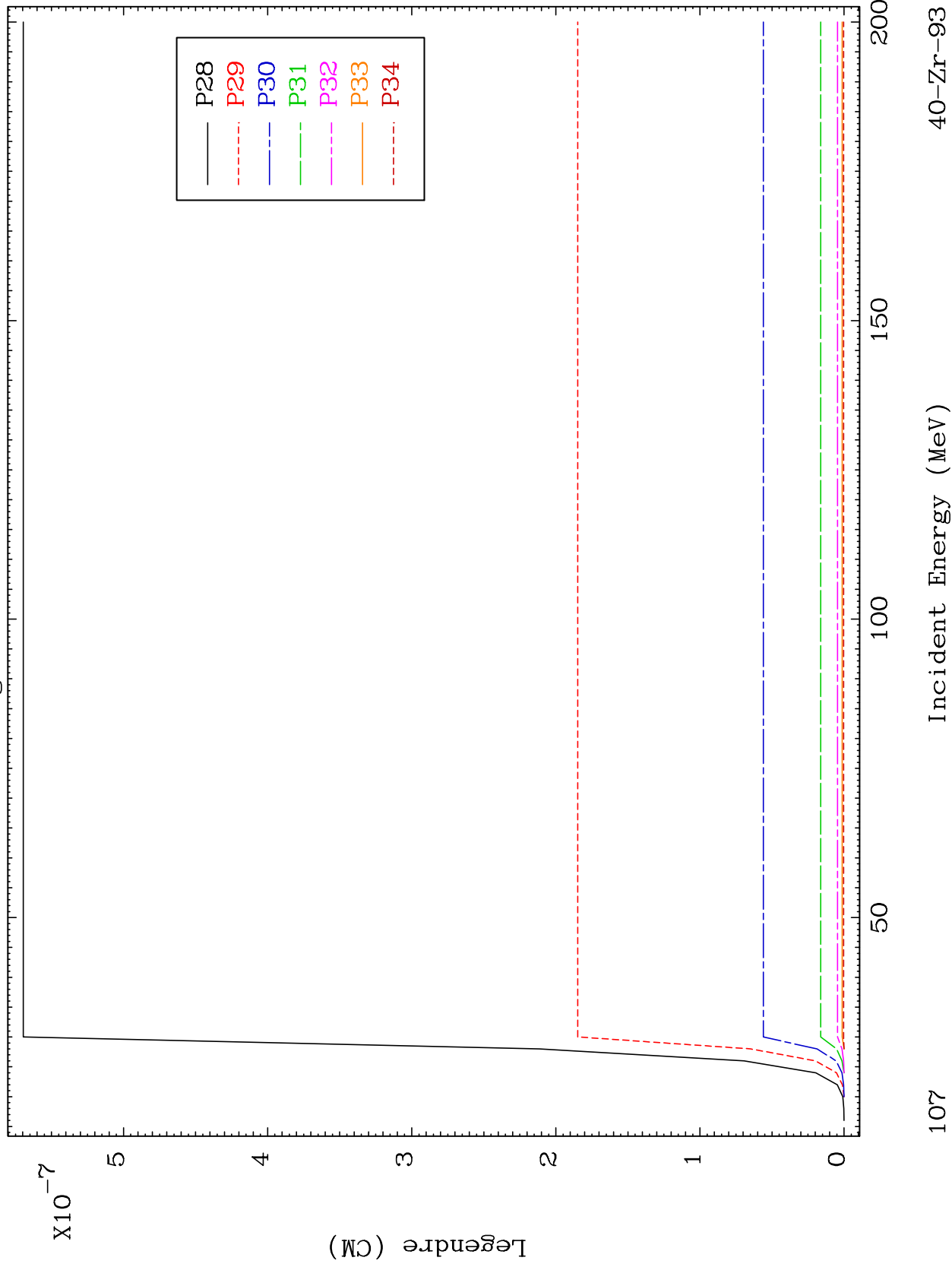
40-Zr-93



MAT 4034

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

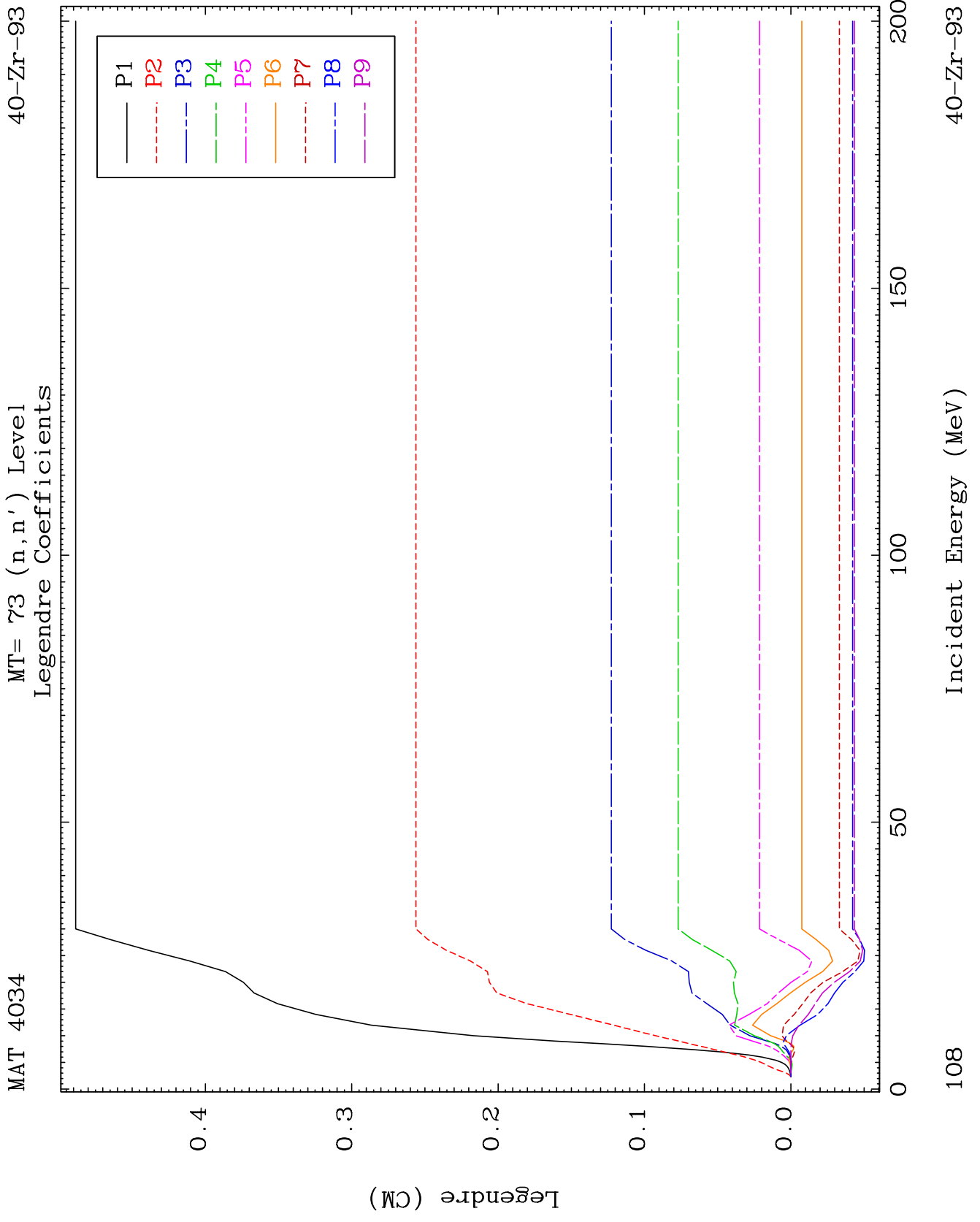
40-Zr-93



107

Incident Energy (MeV)

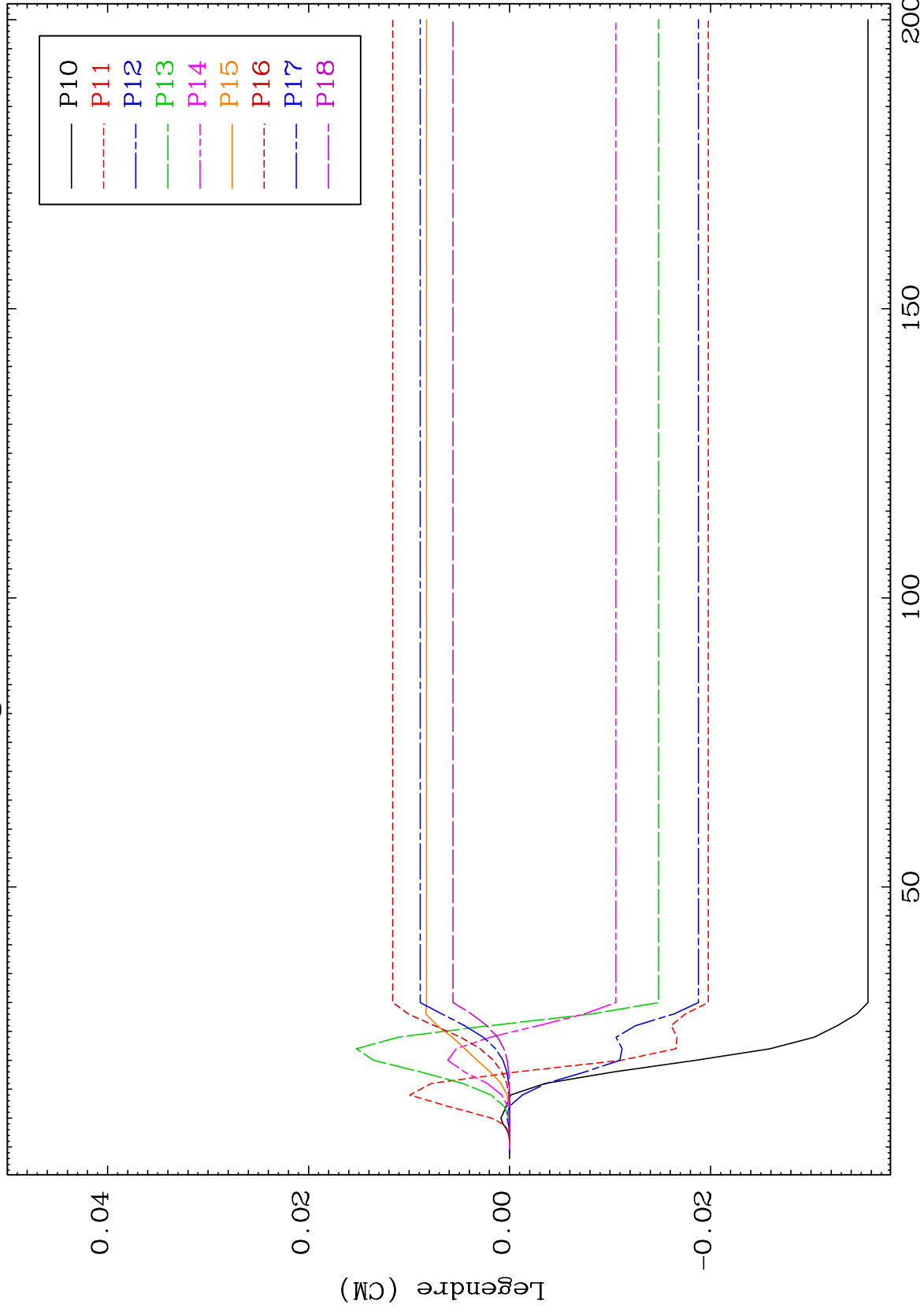
40-Zr-93



MAT 4034

MT= 73 (n,n') Level  
Legendre Coefficients

40-Zr-93



109

Incident Energy (MeV)

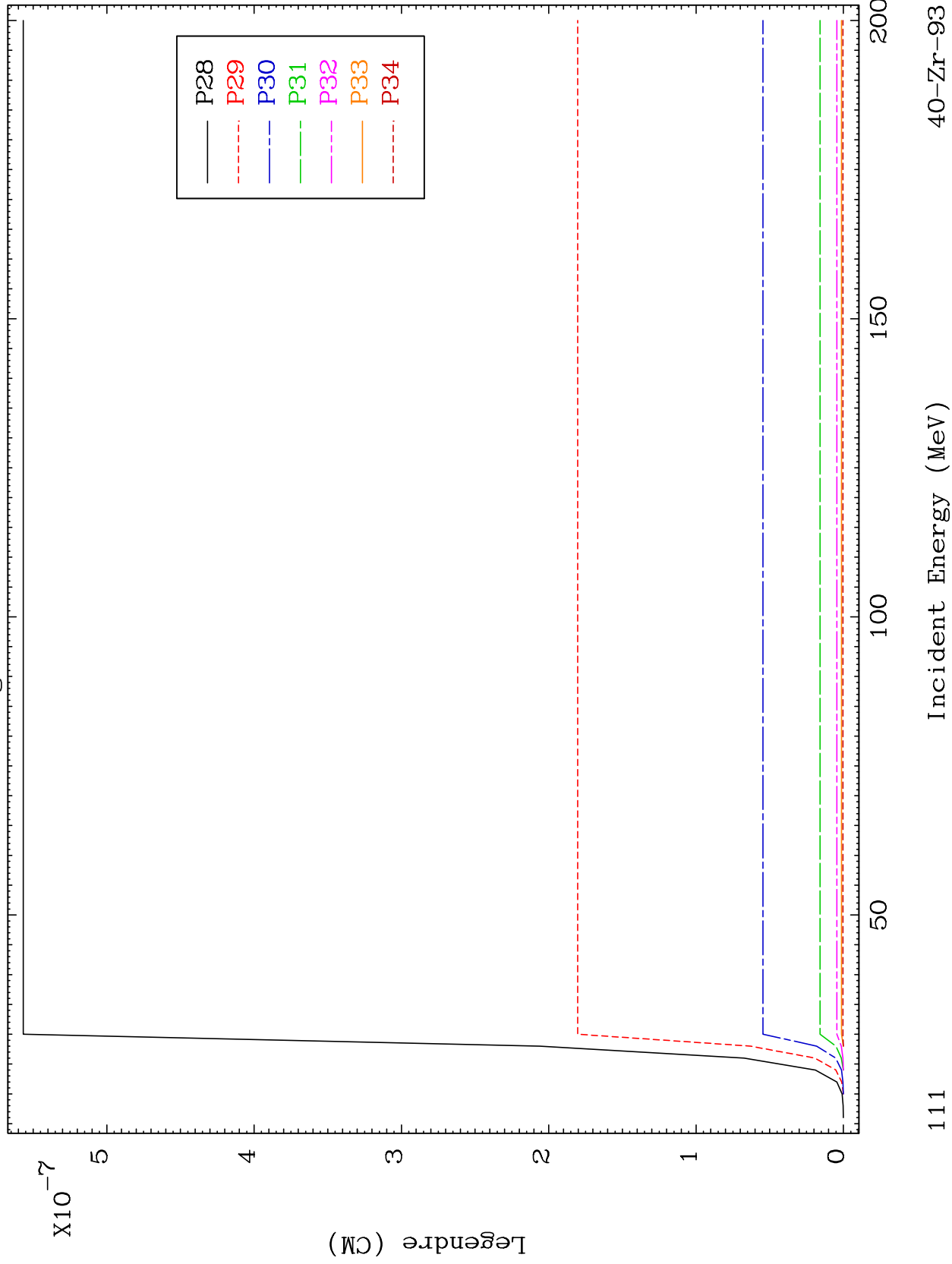
40-Zr-93



MAT 4034

MT= 73 (n,n') Level  
Legendre Coefficients

40-Zr-93



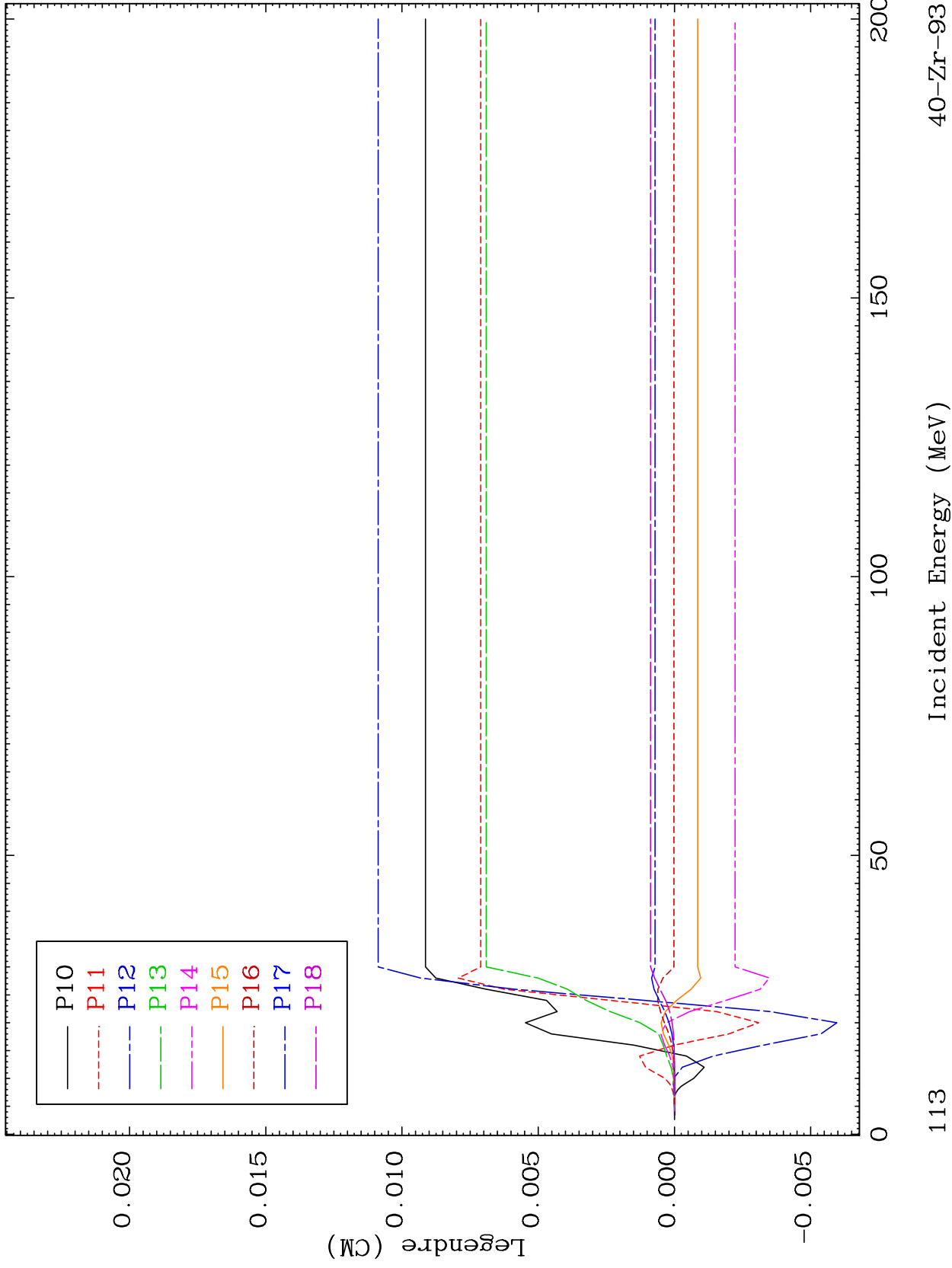




MAT 4034

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

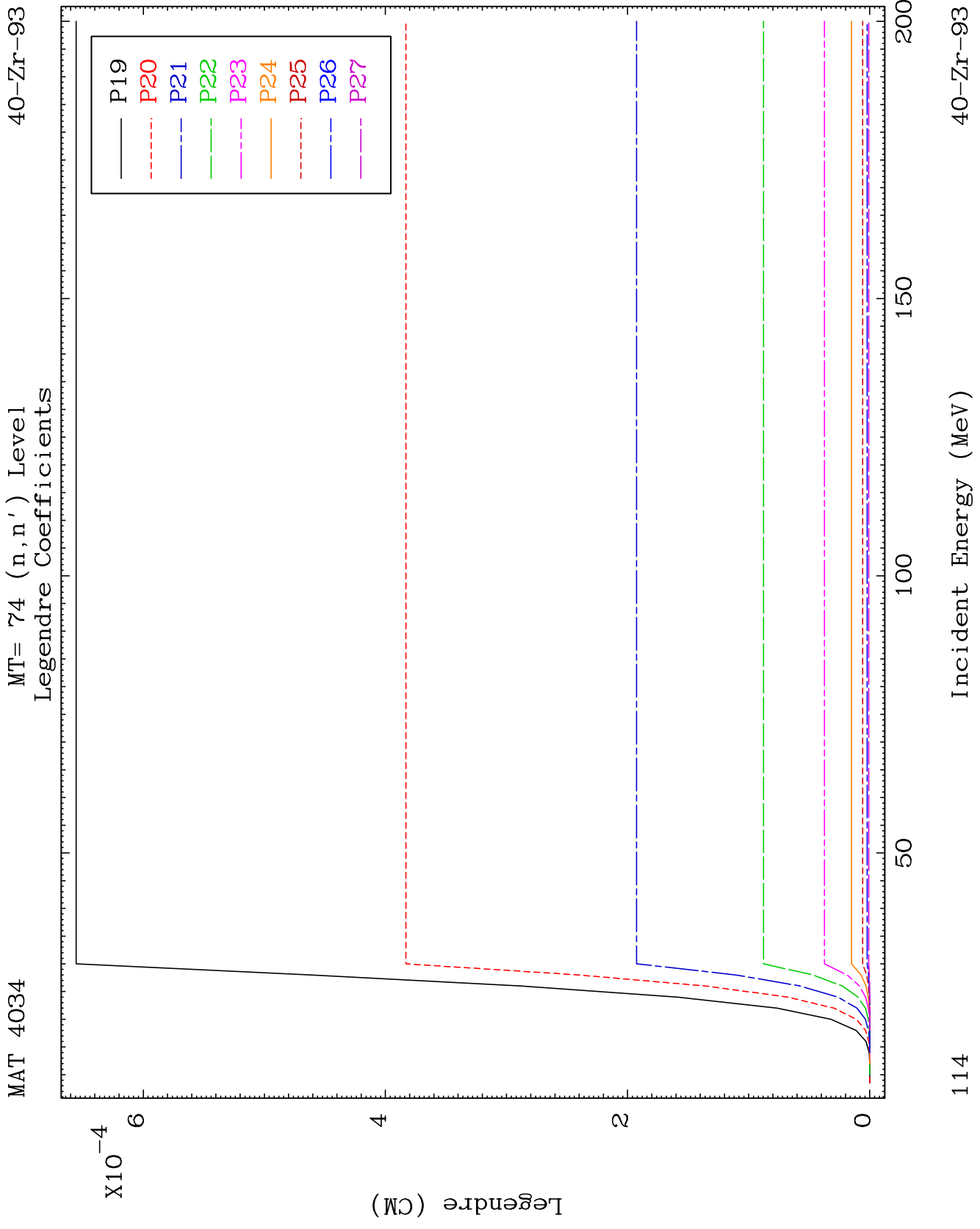
40-Zr-93

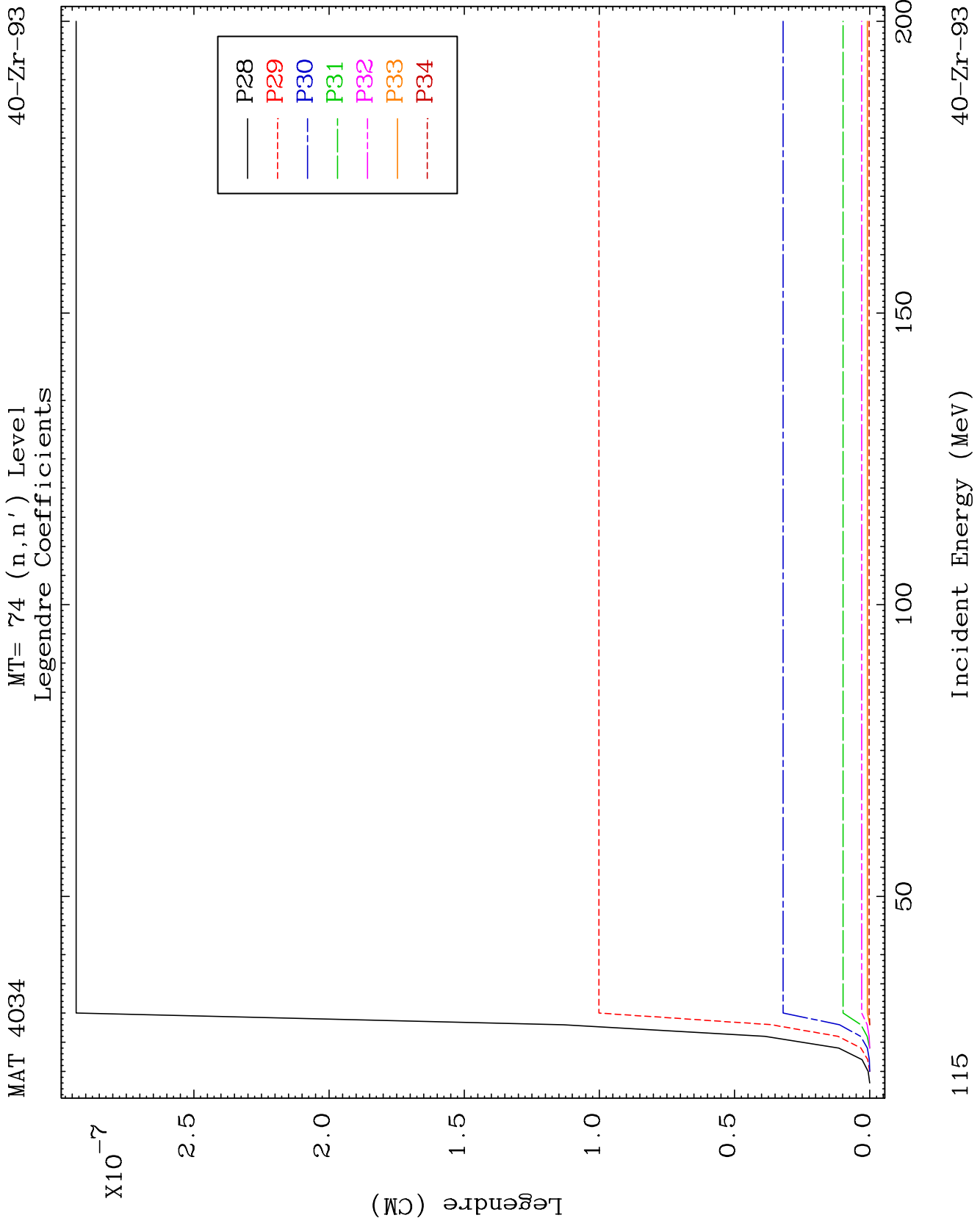


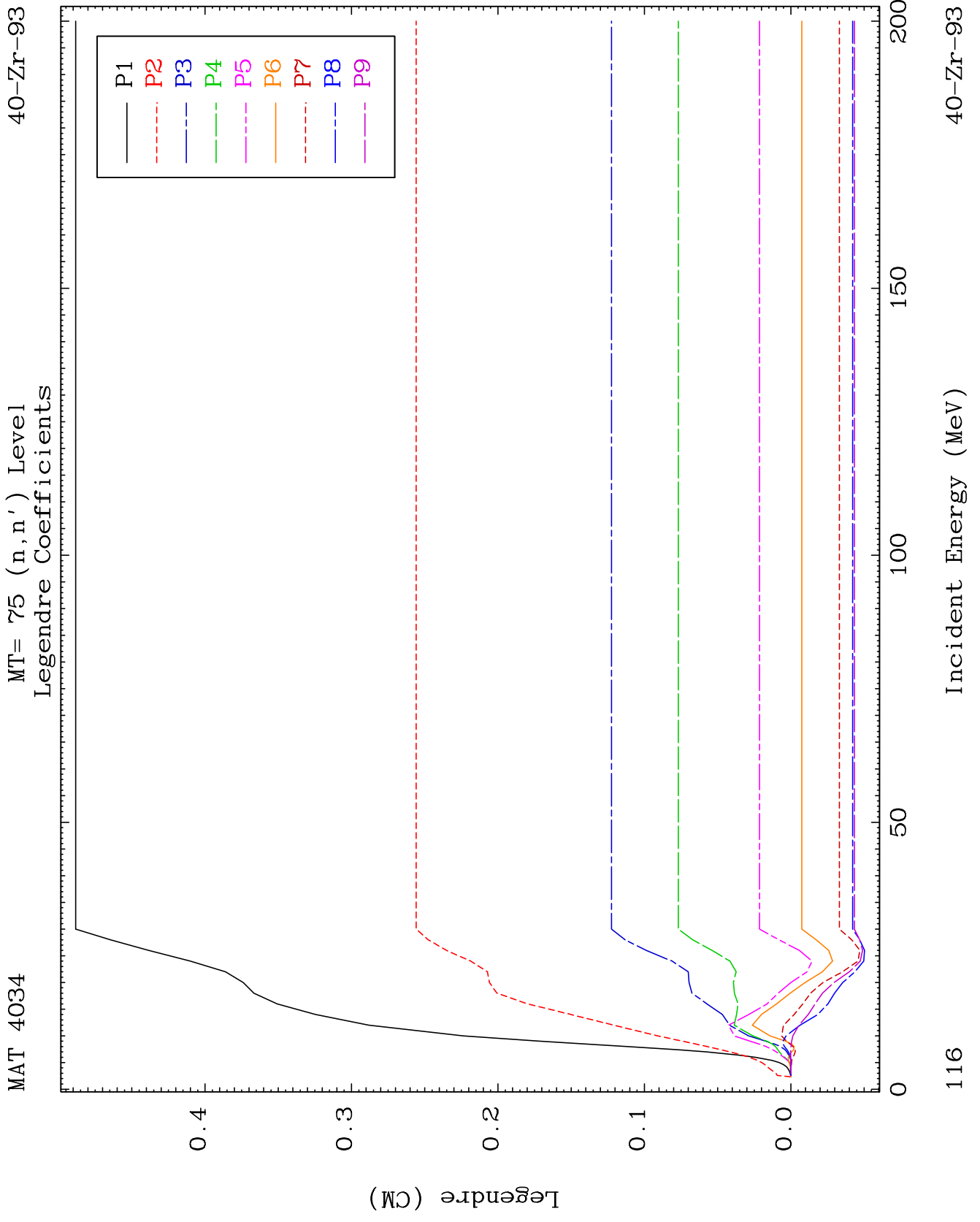
113

Incident Energy (MeV)

40-Zr-93



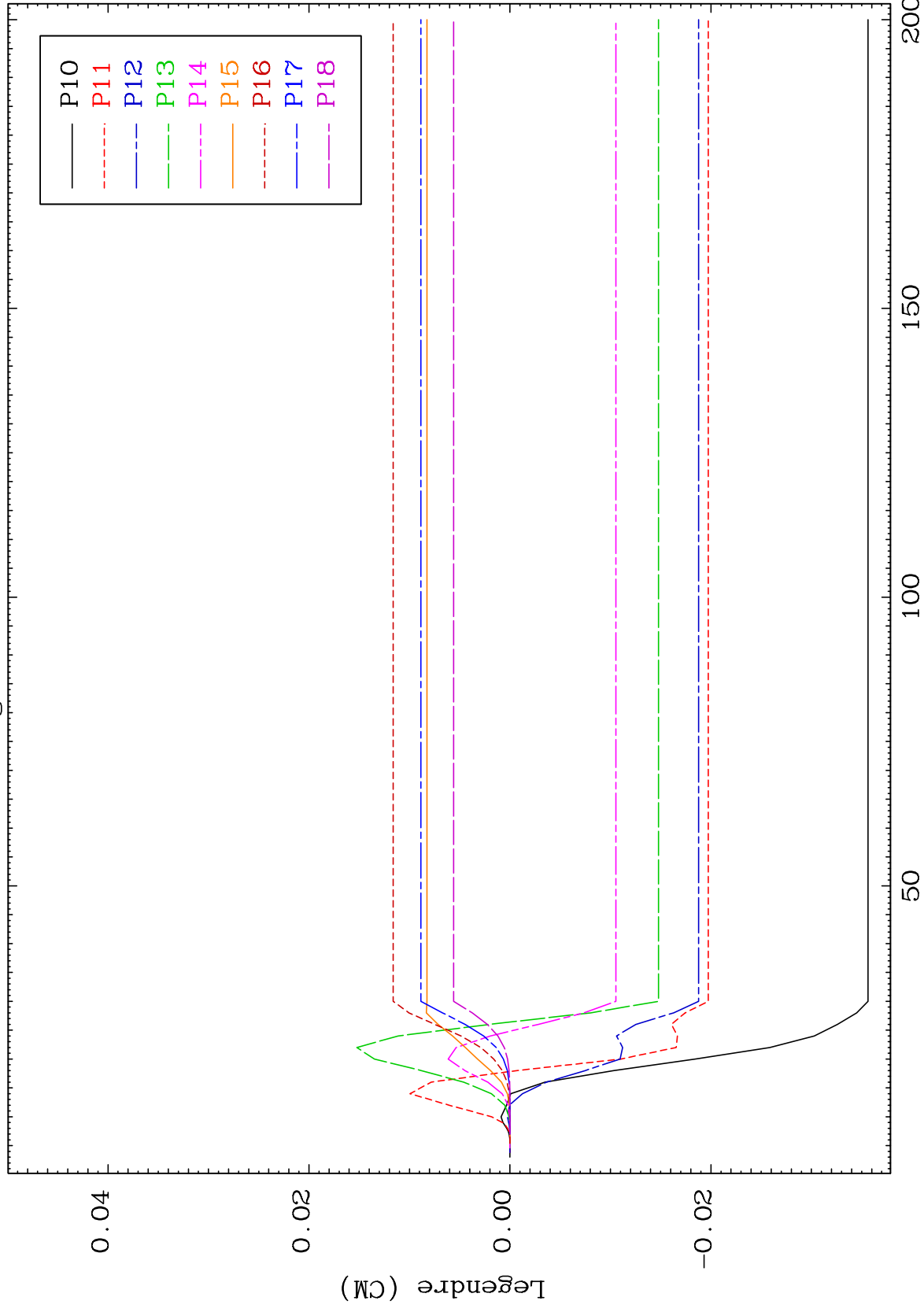




MAT 4034

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

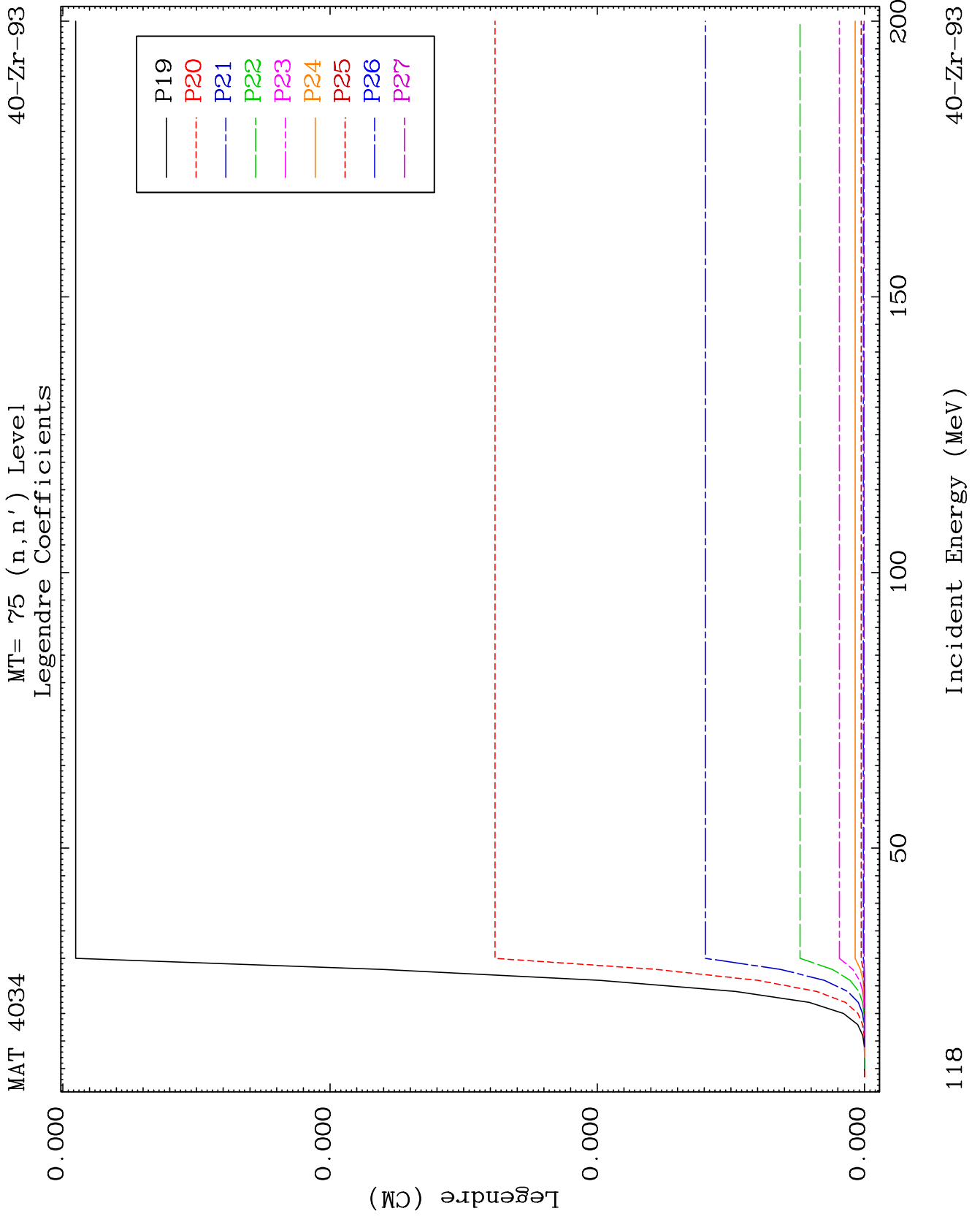
40-Zr-93

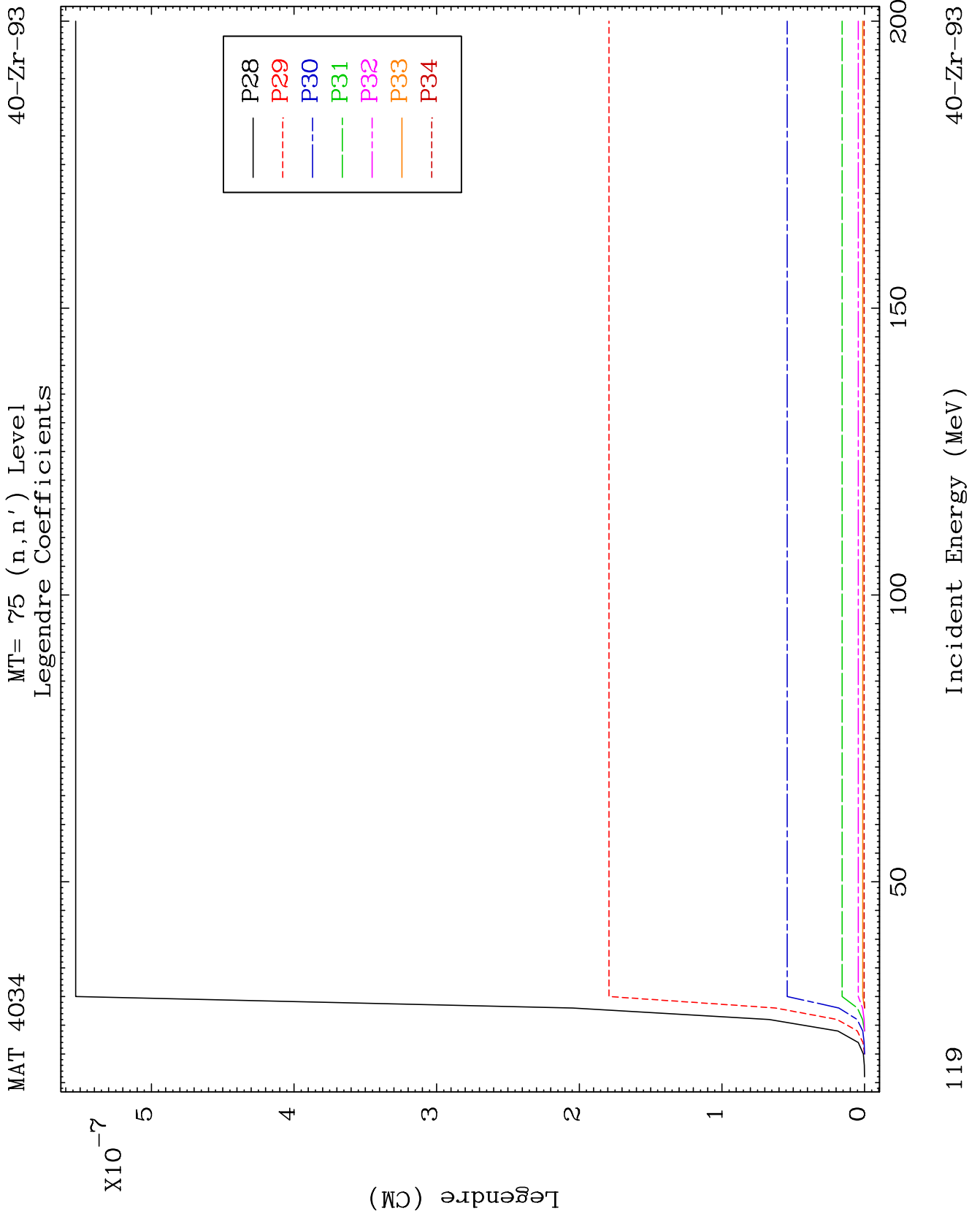


117

Incident Energy (MeV)

40-Zr-93





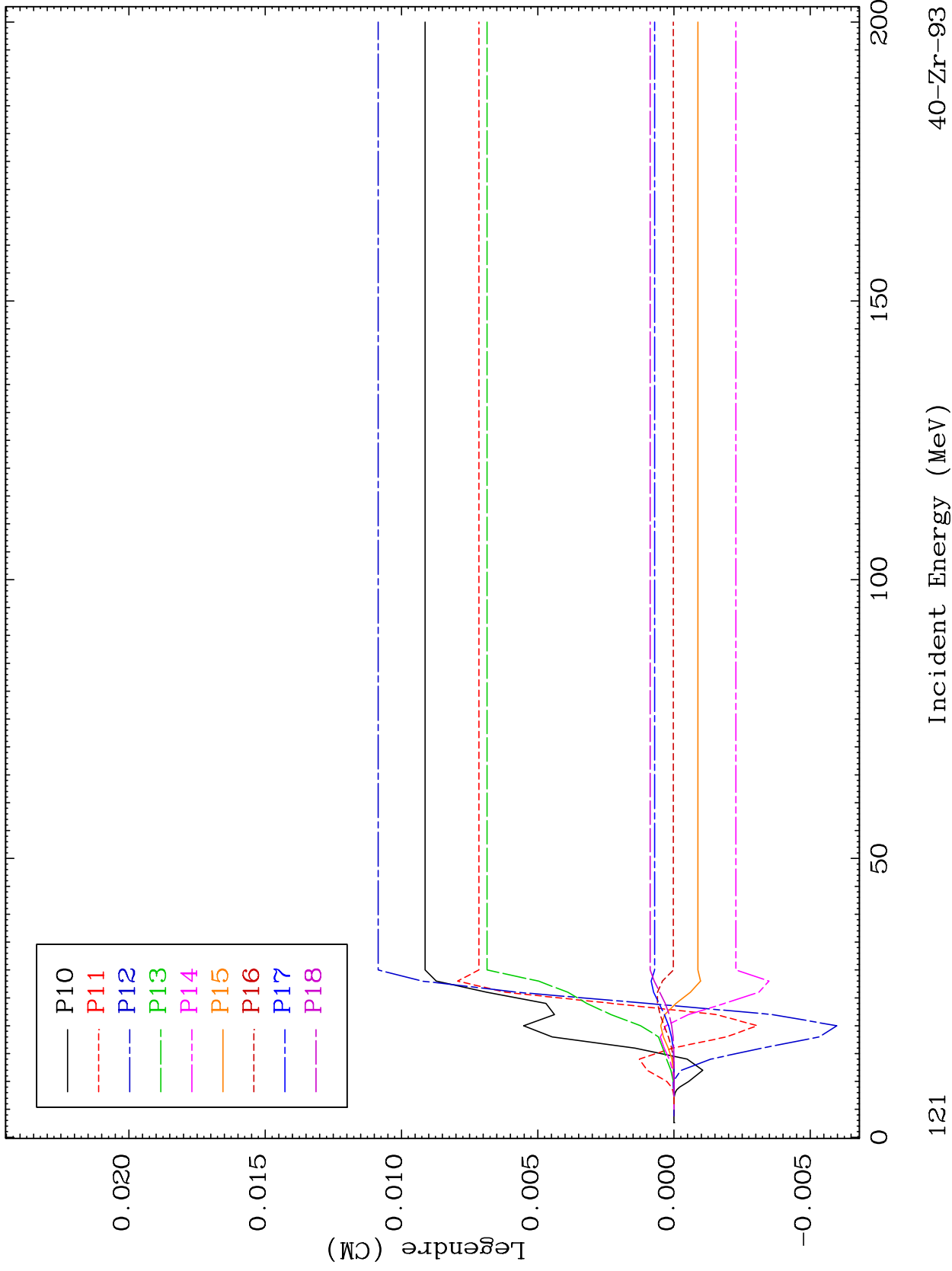




MAT 4034

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

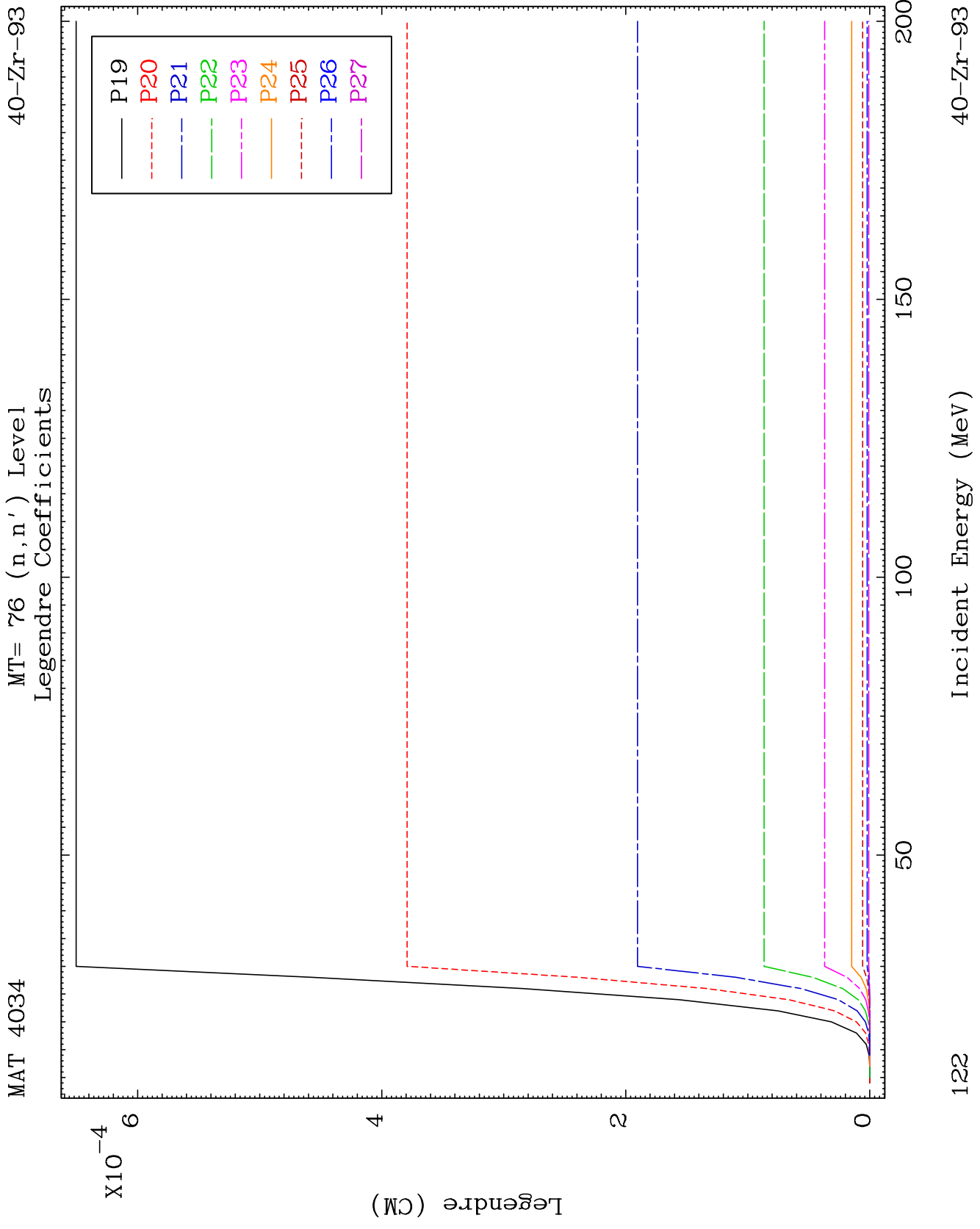
40-Zr-93

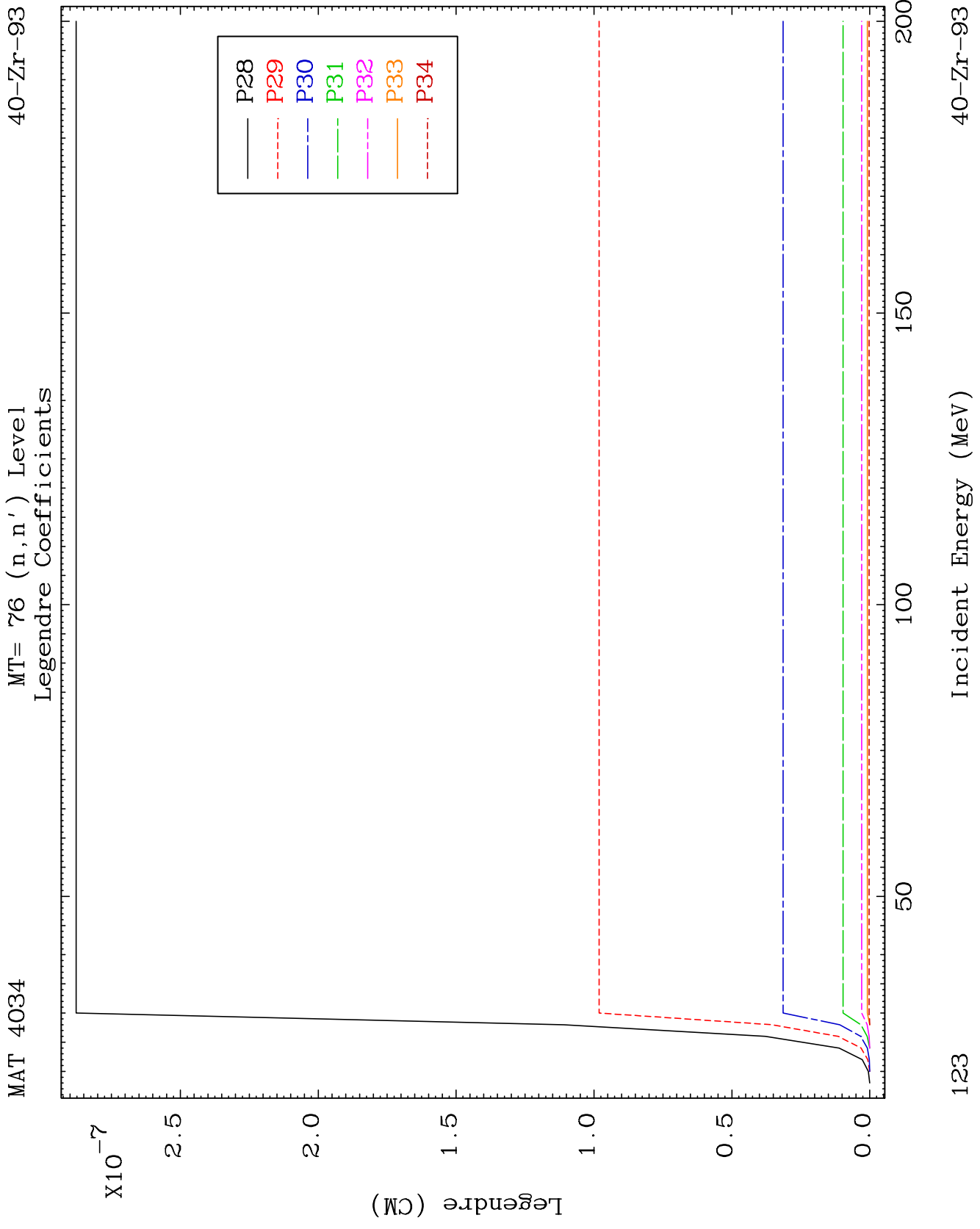


121

Incident Energy (MeV)

40-Zr-93

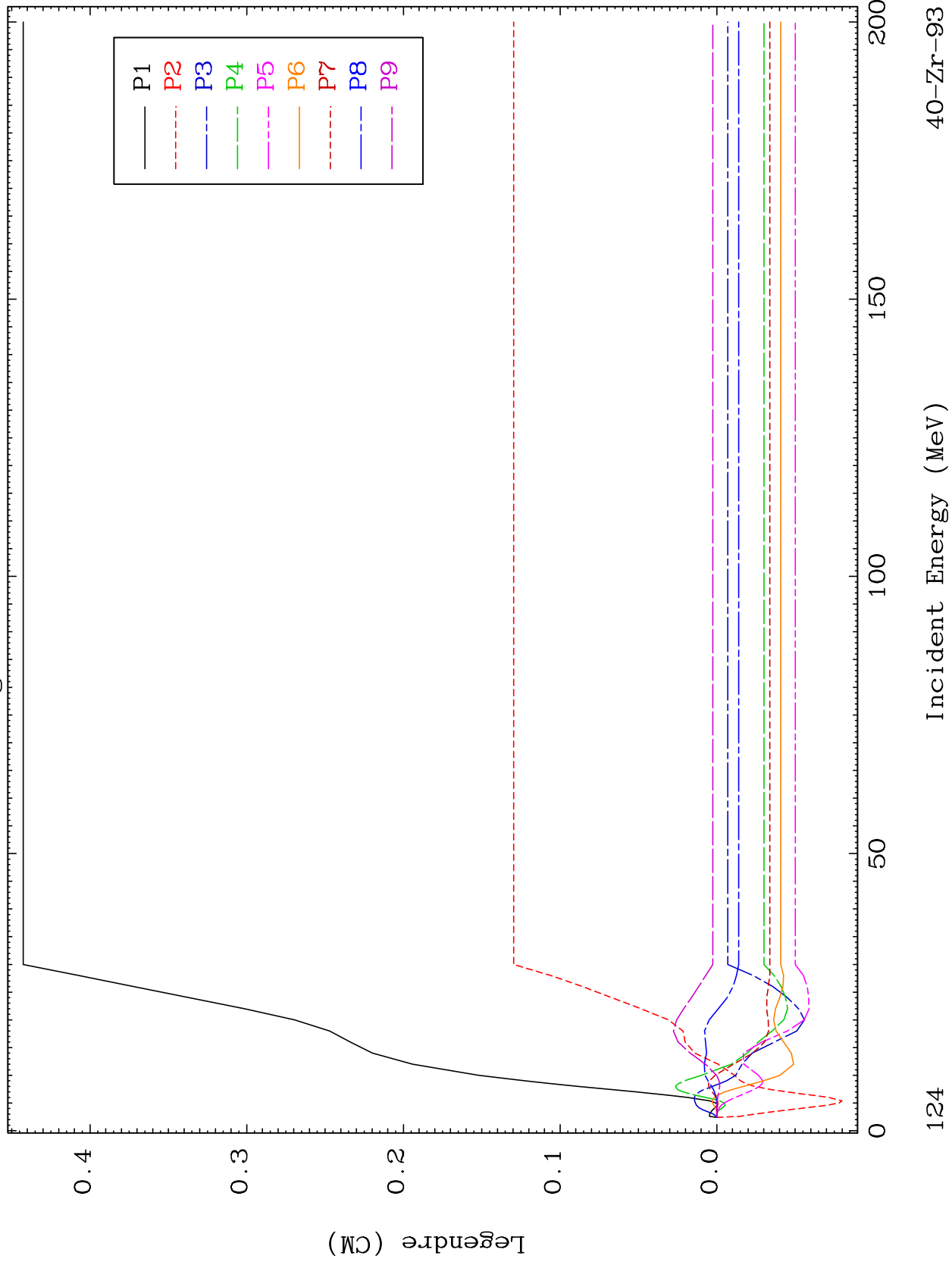




MAT 4034

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

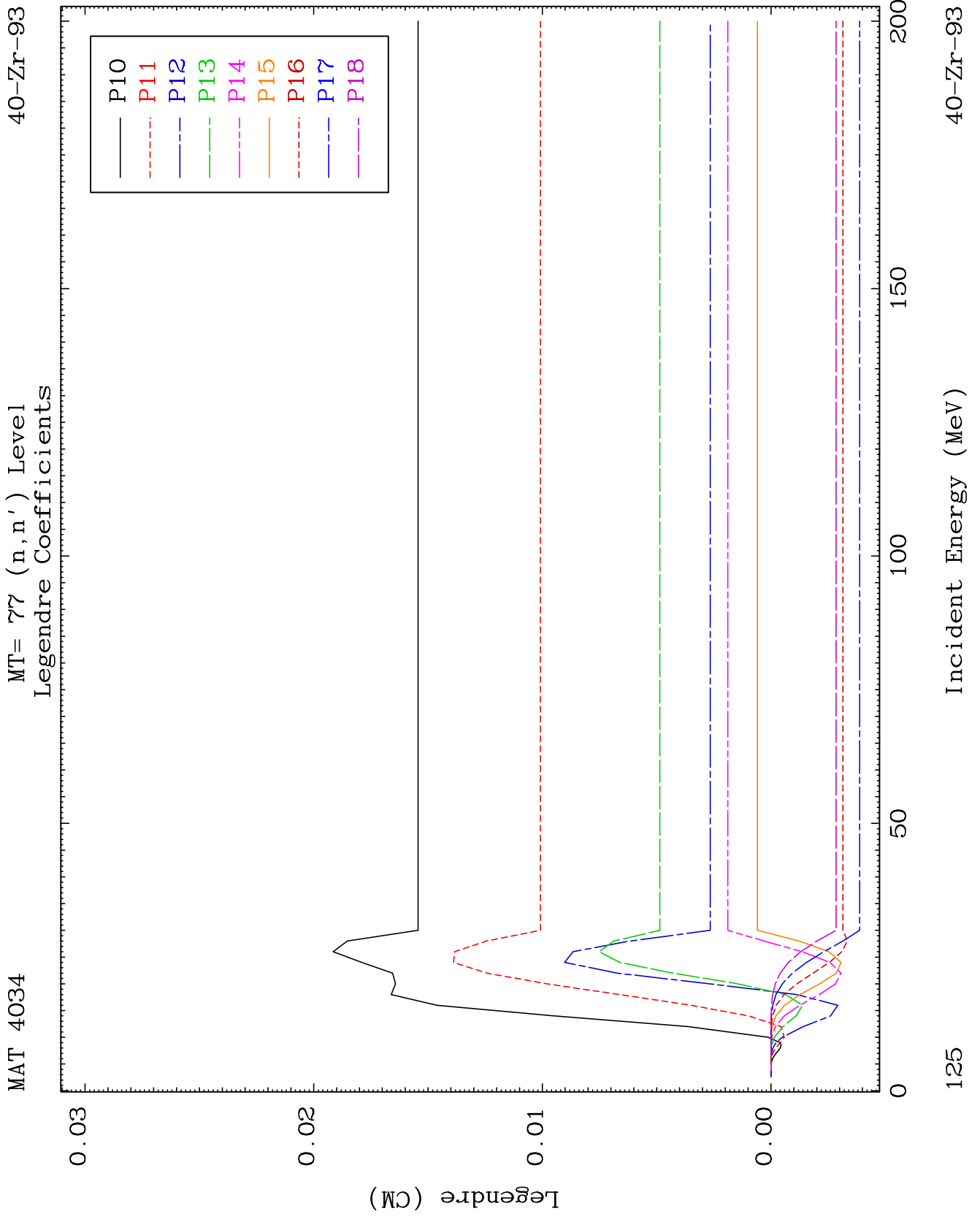
40-Zr-93

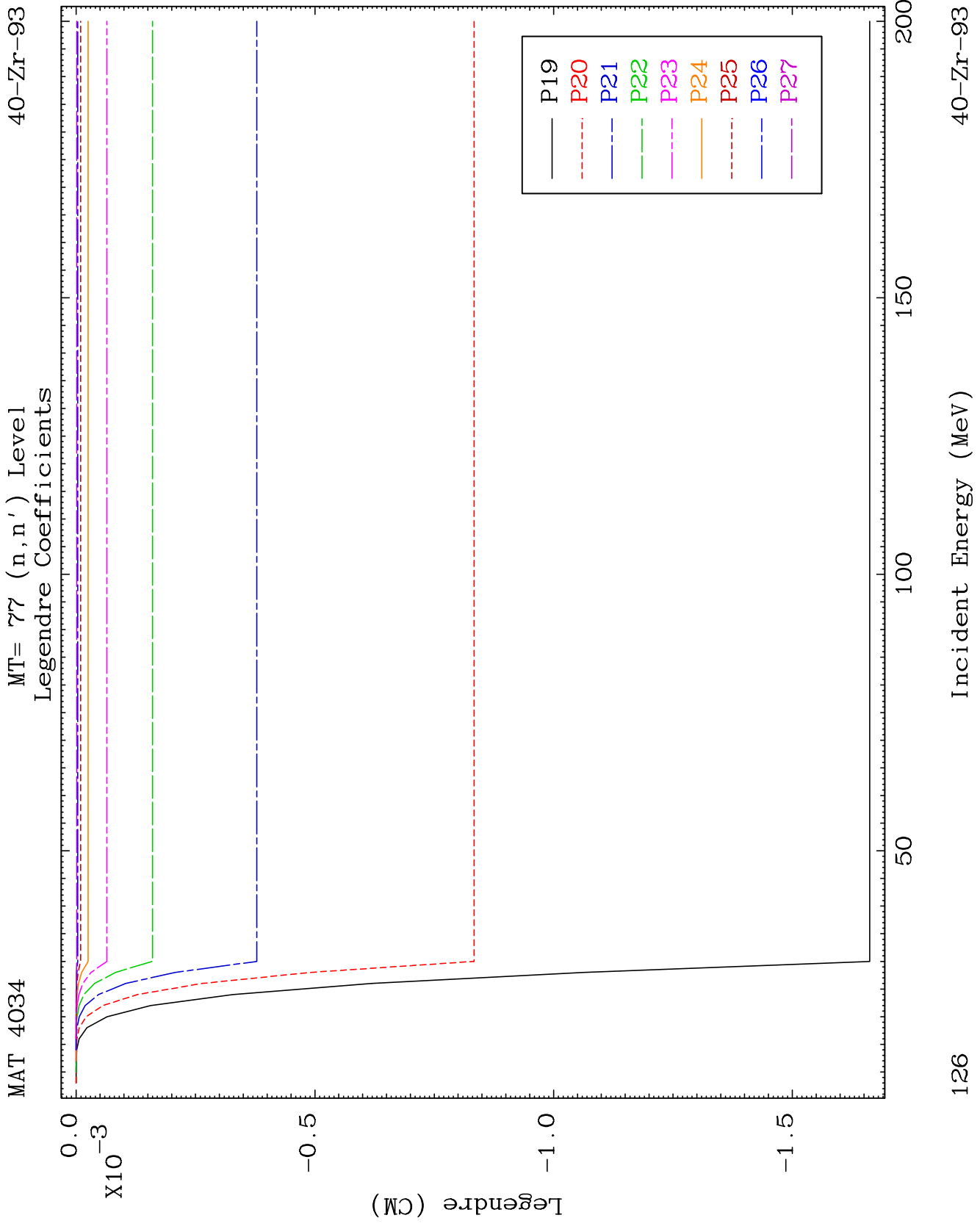


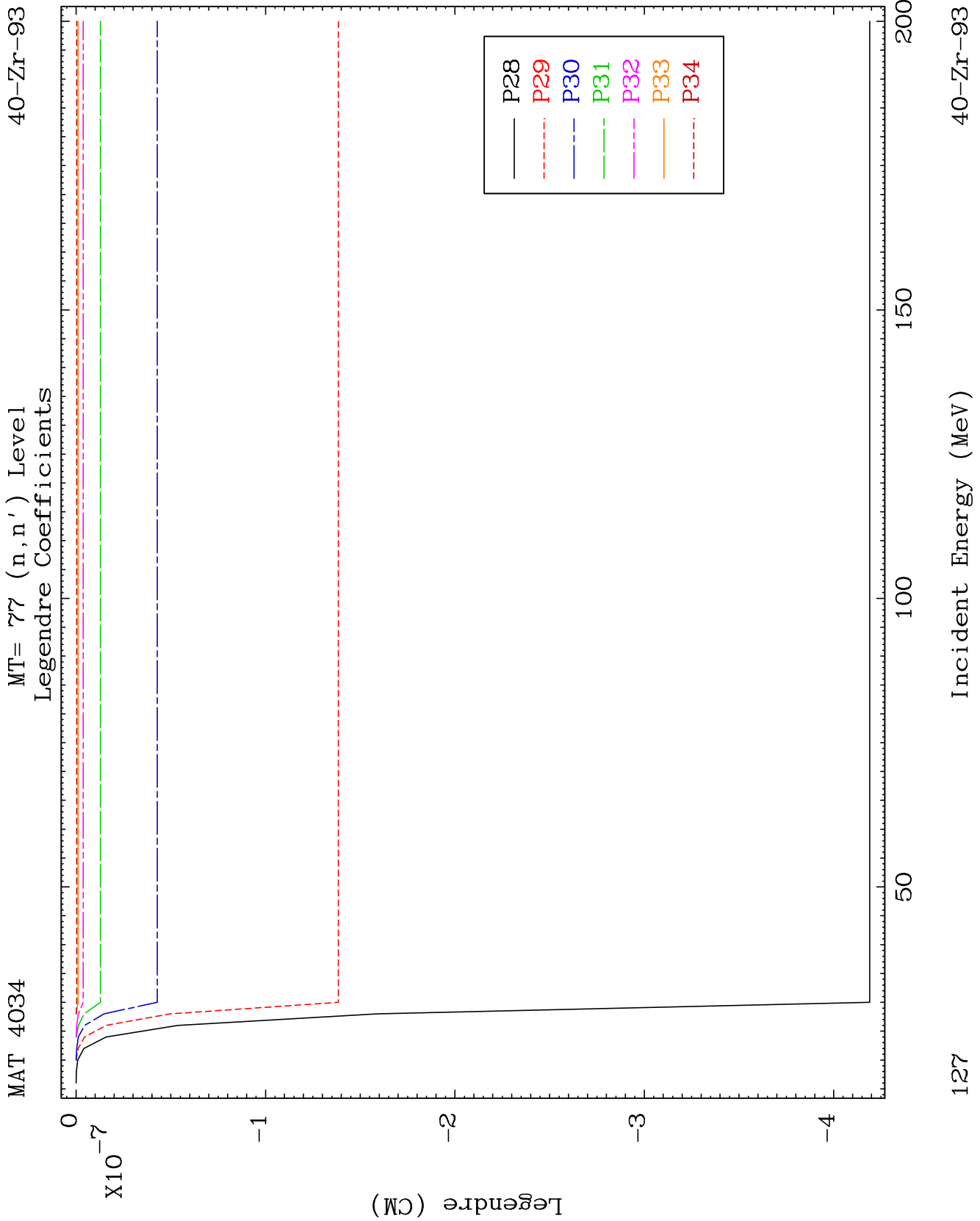
40-Zr-93

Incident Energy (MeV)

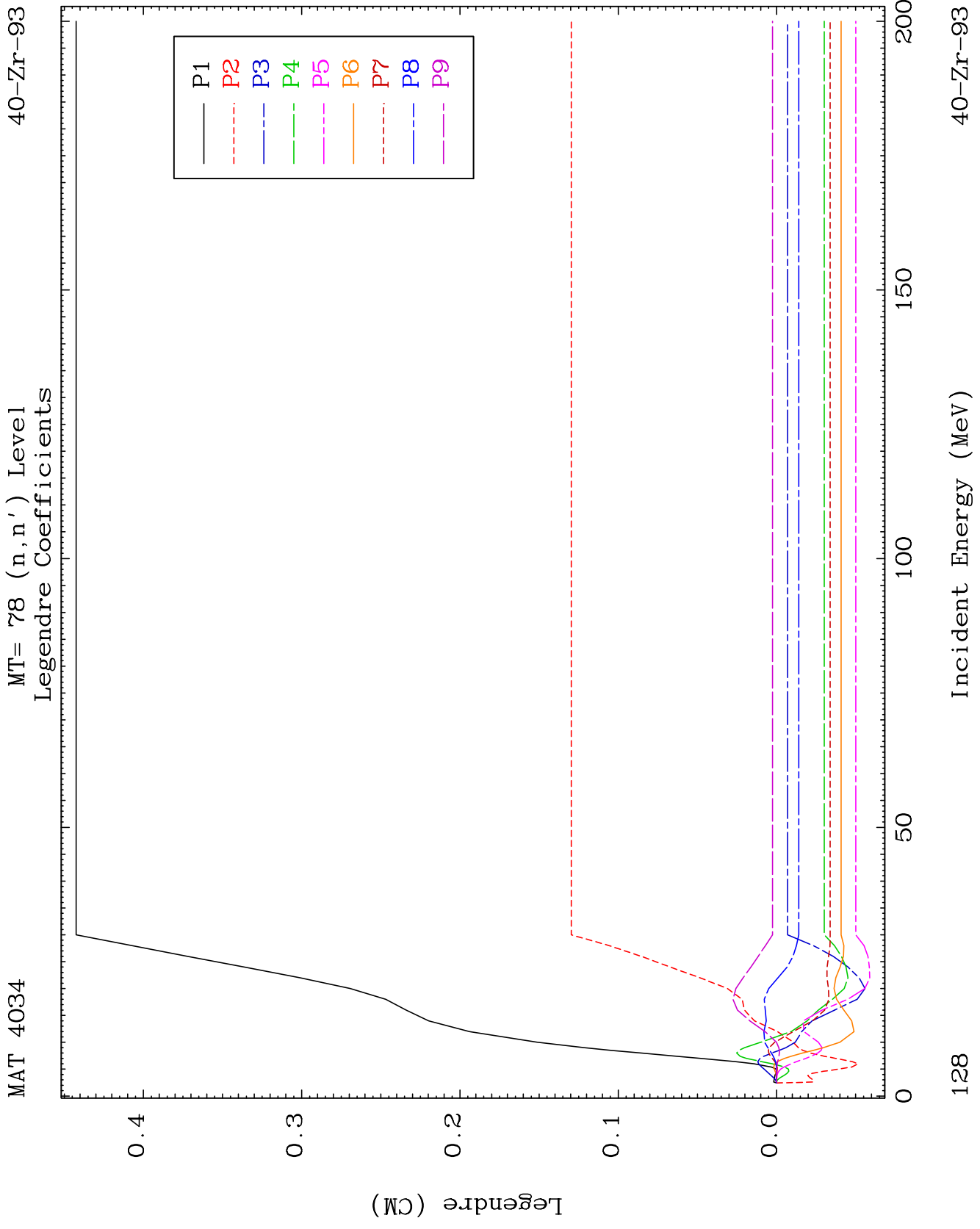
124

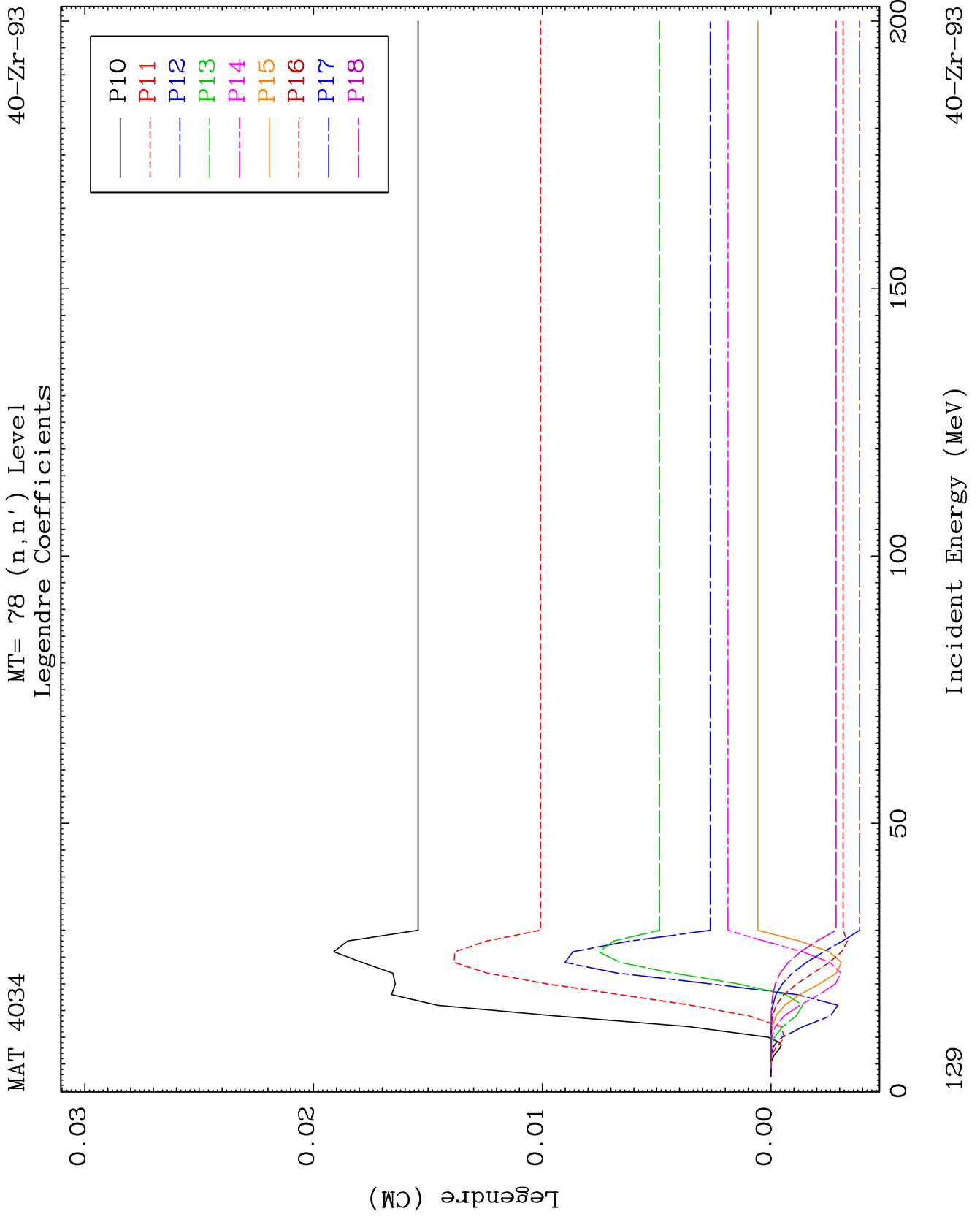


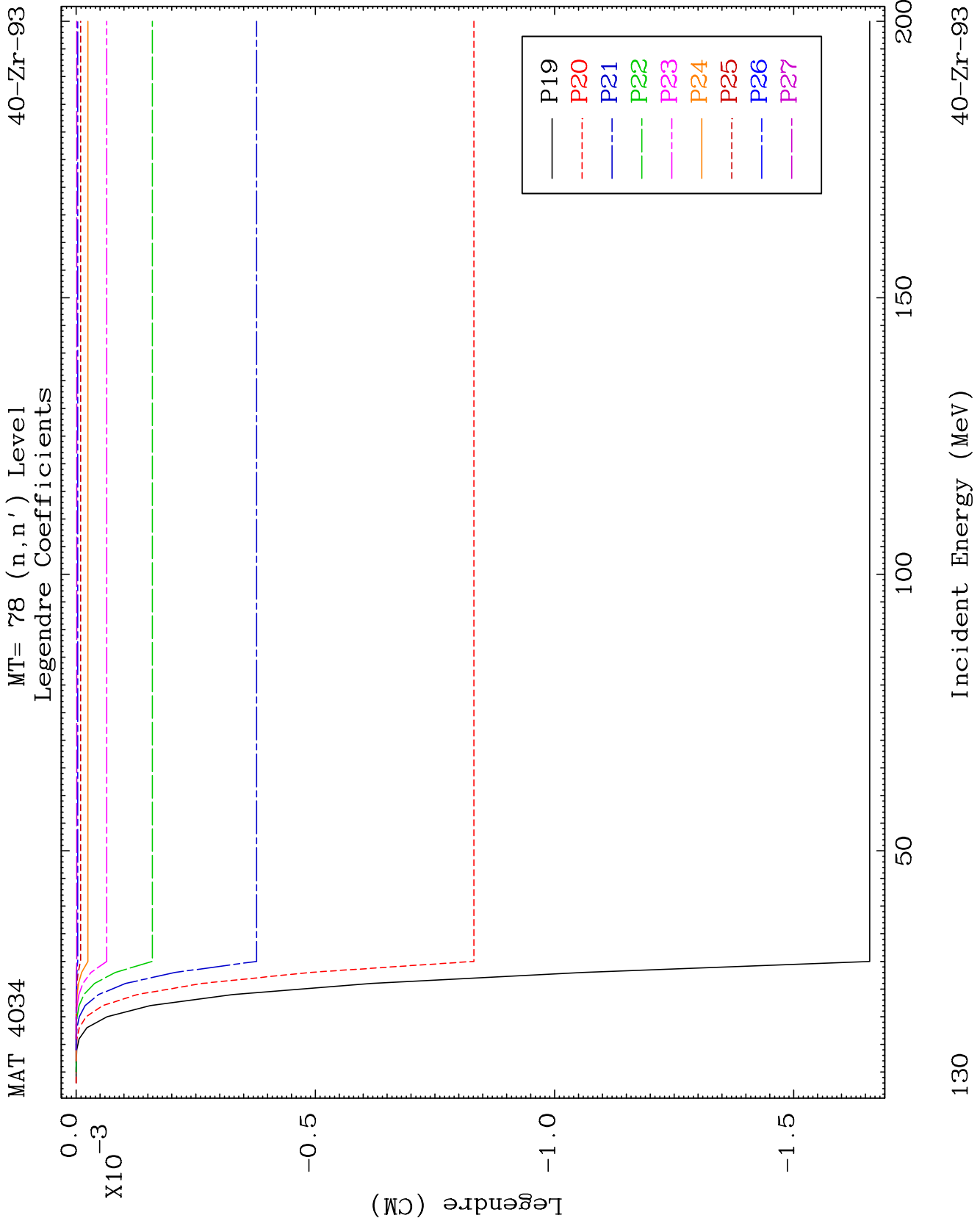




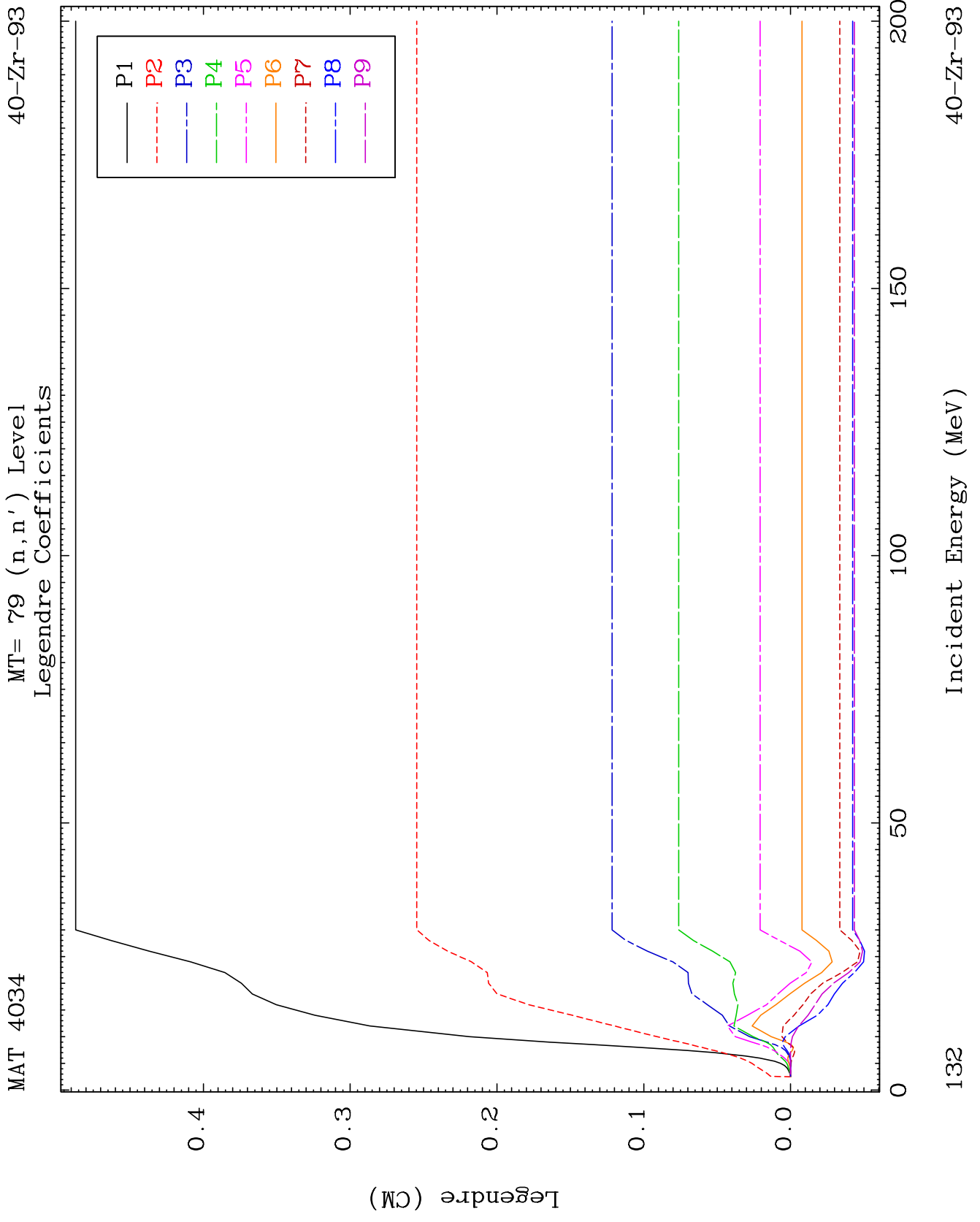








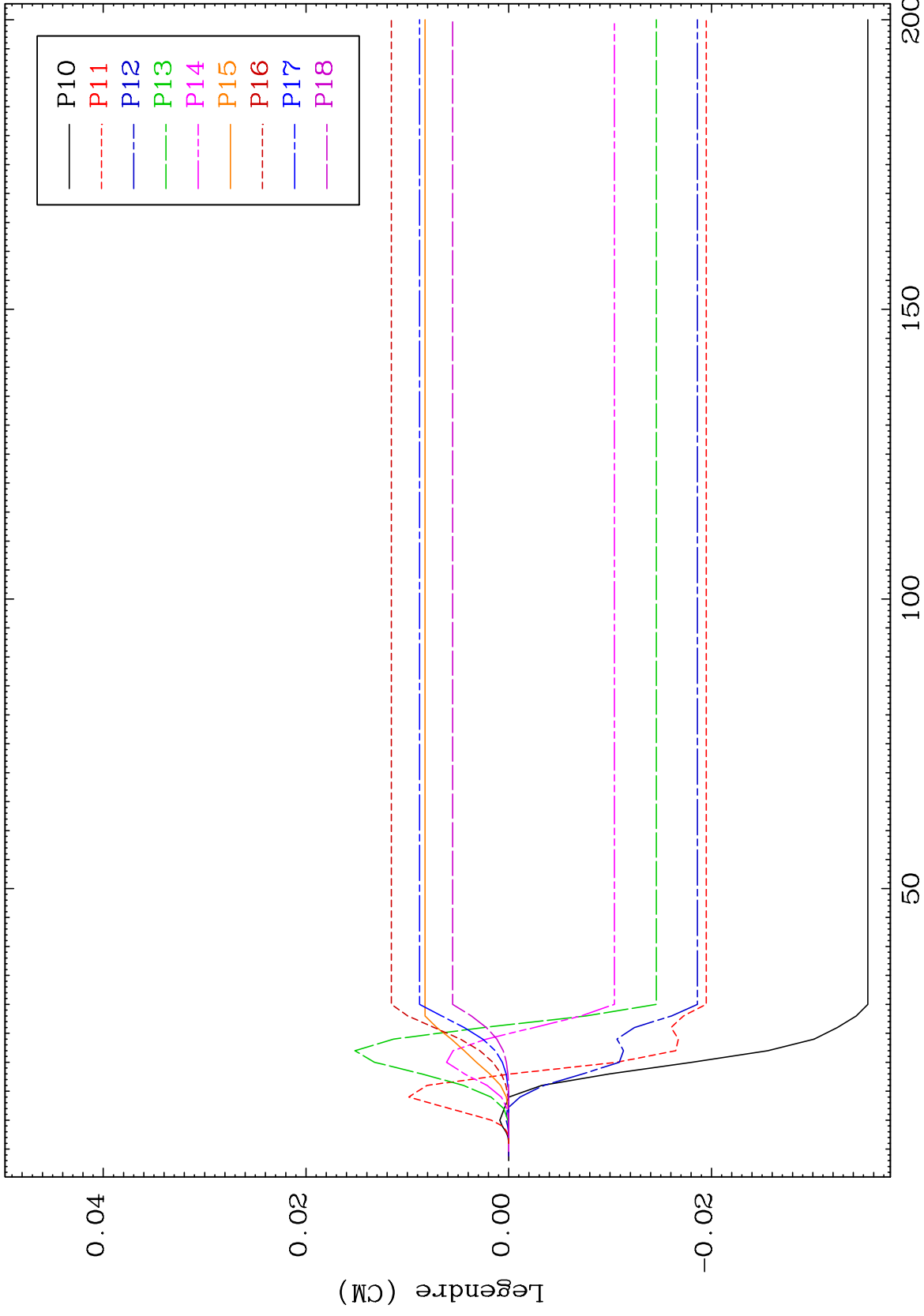




MAT 4034

MT= 79 (n,n') Level  
Legendre Coefficients

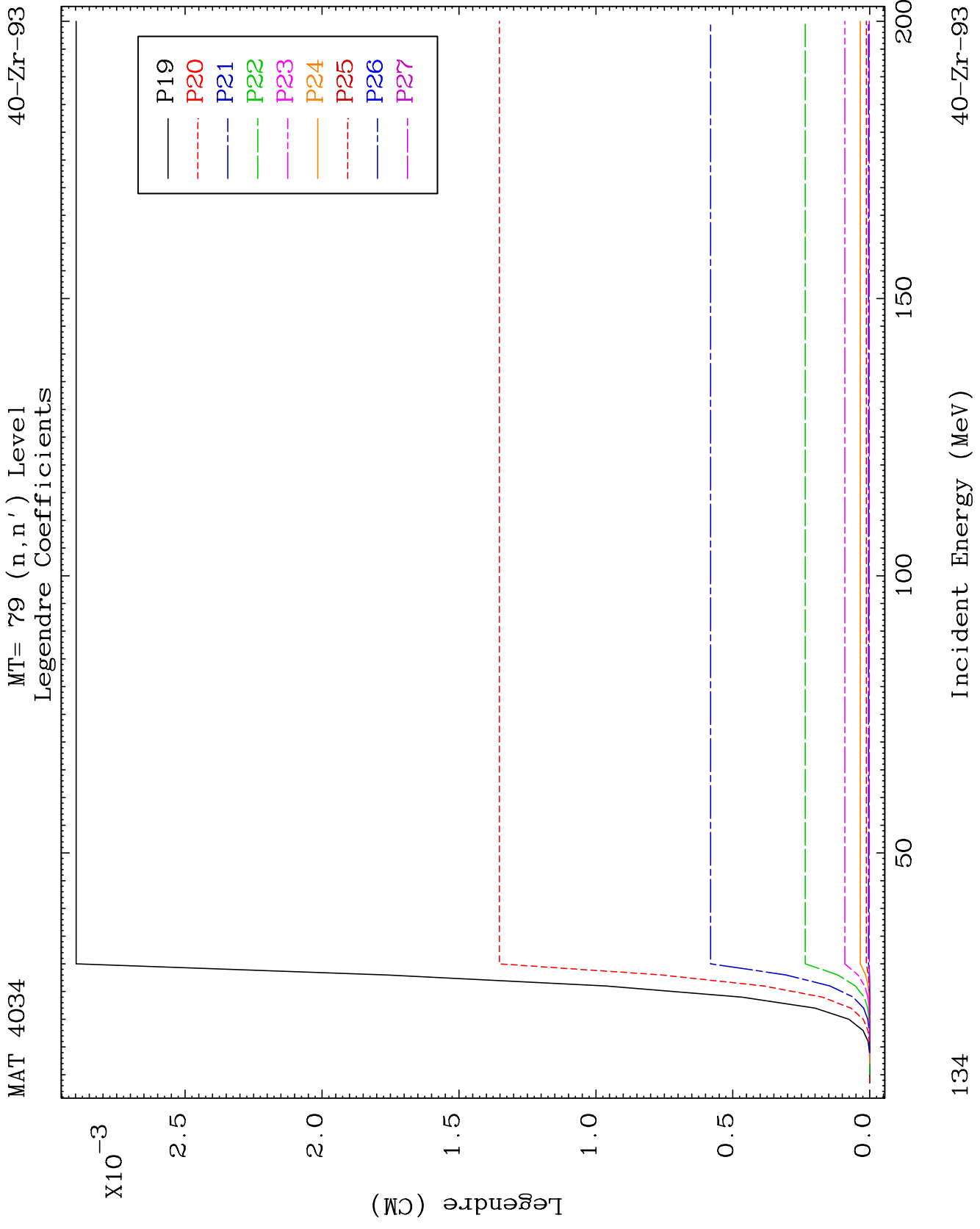
40-Zr-93

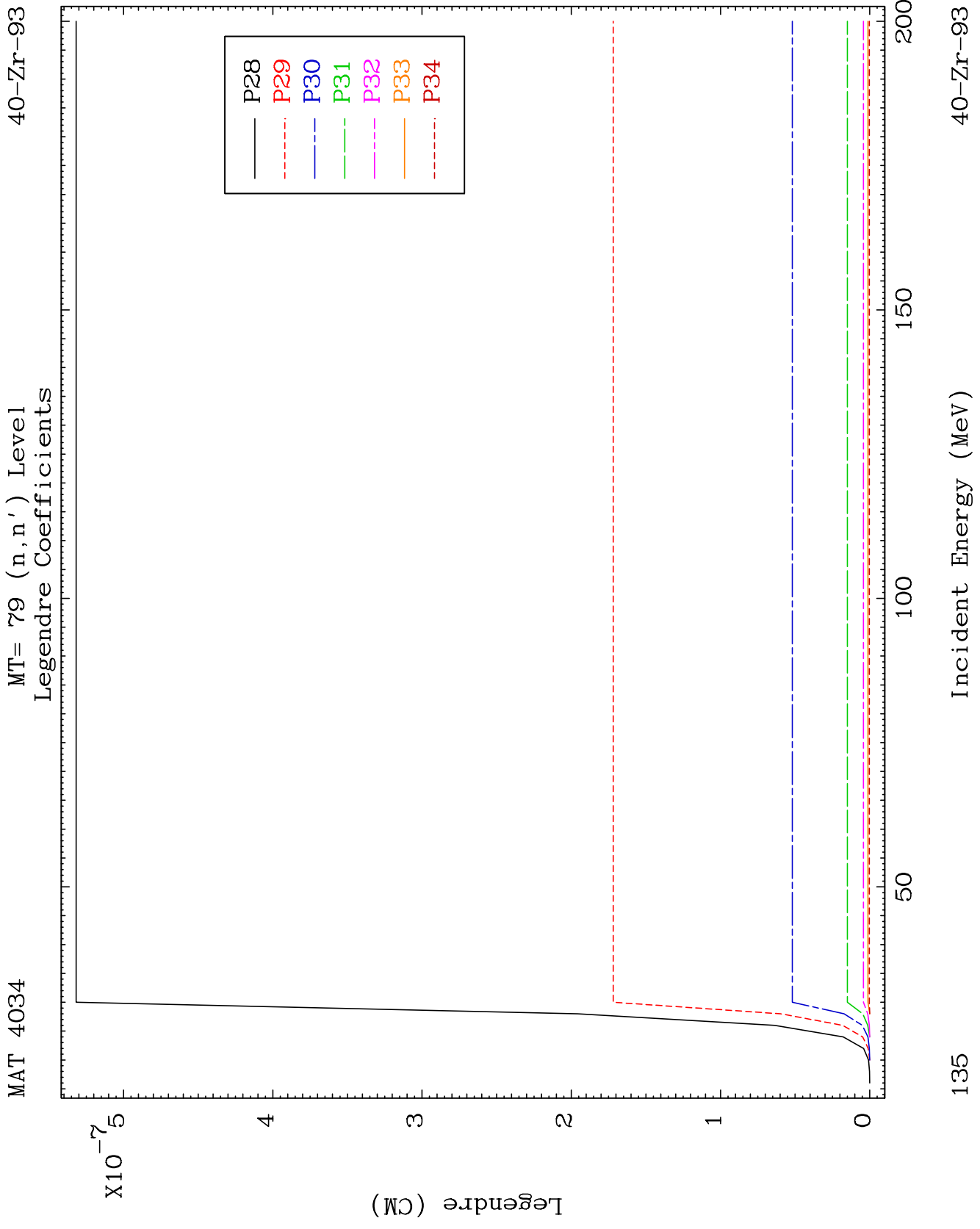


133

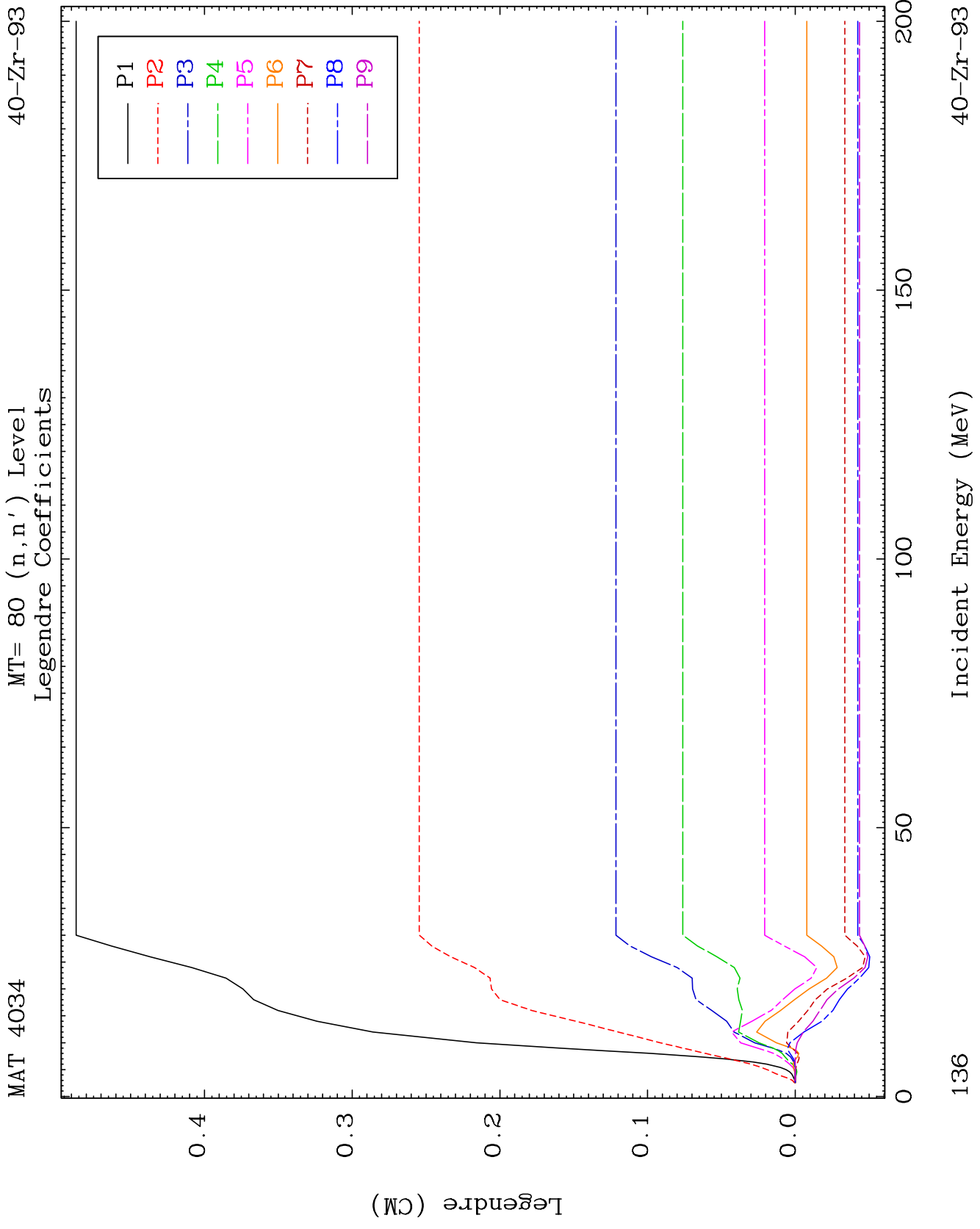
Incident Energy (MeV)

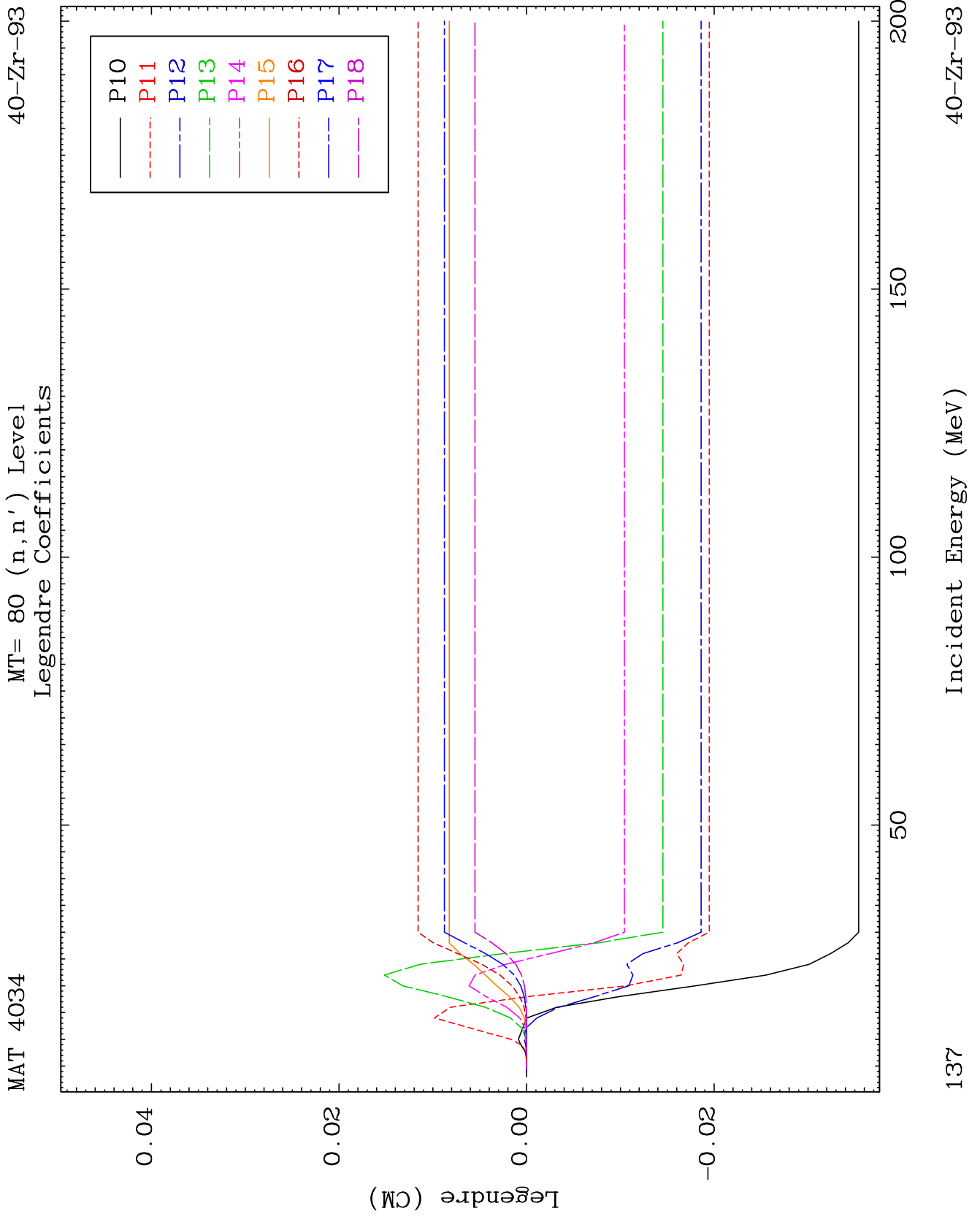
40-Zr-93

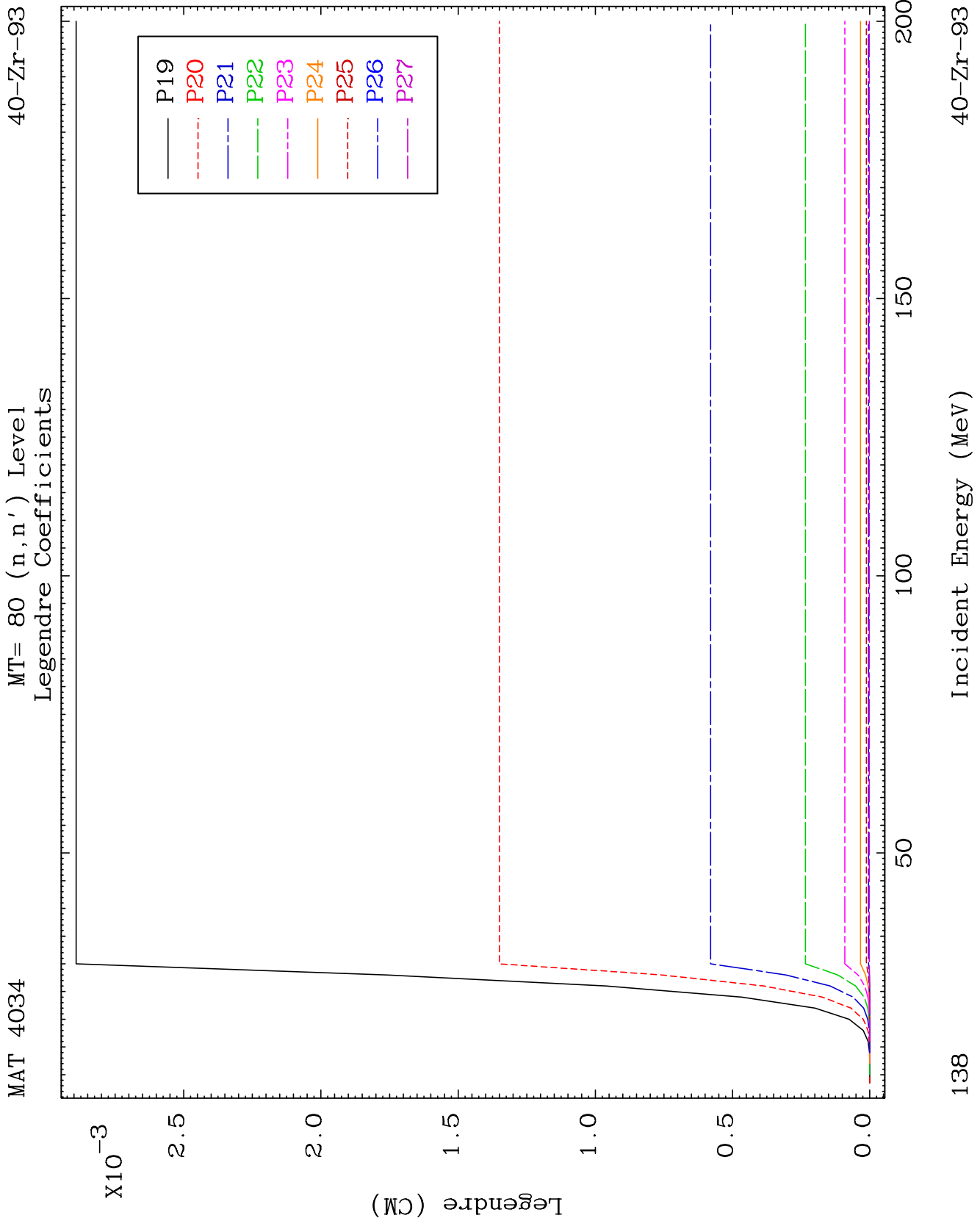


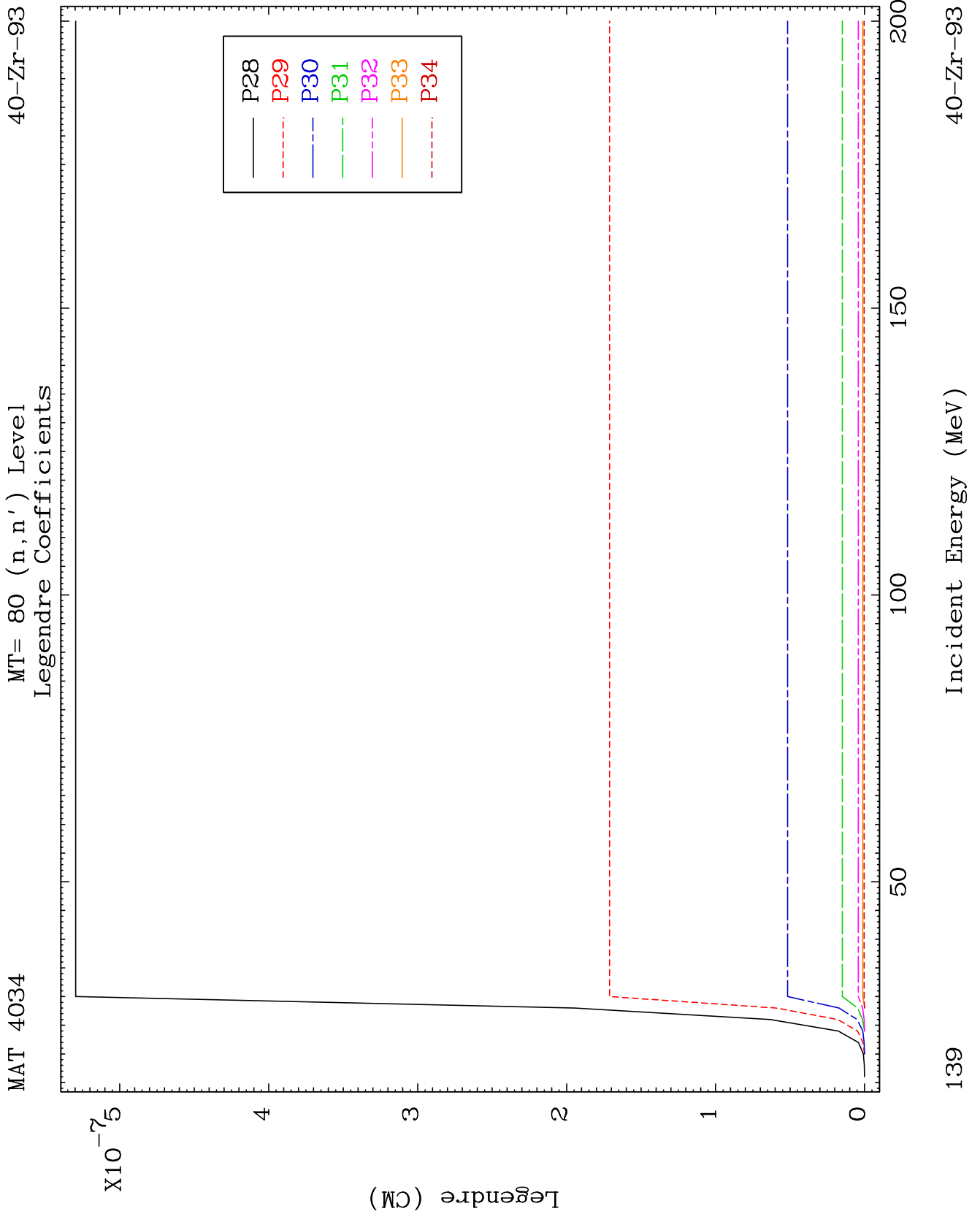










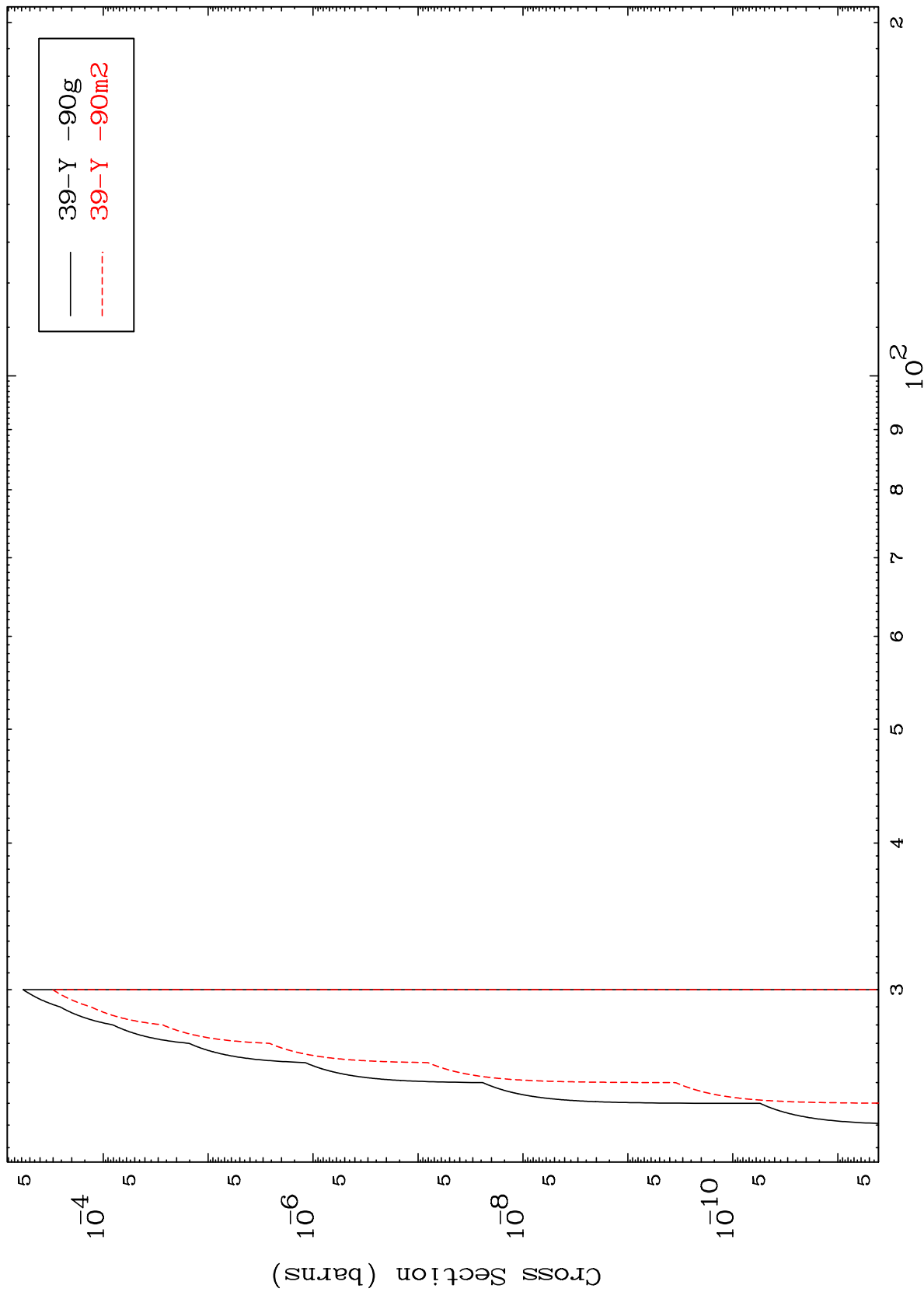


MAT 4034

(n,2n) d

40-Zr-93

Radionuclide Production Cross Section



140

Incident Energy (MeV)

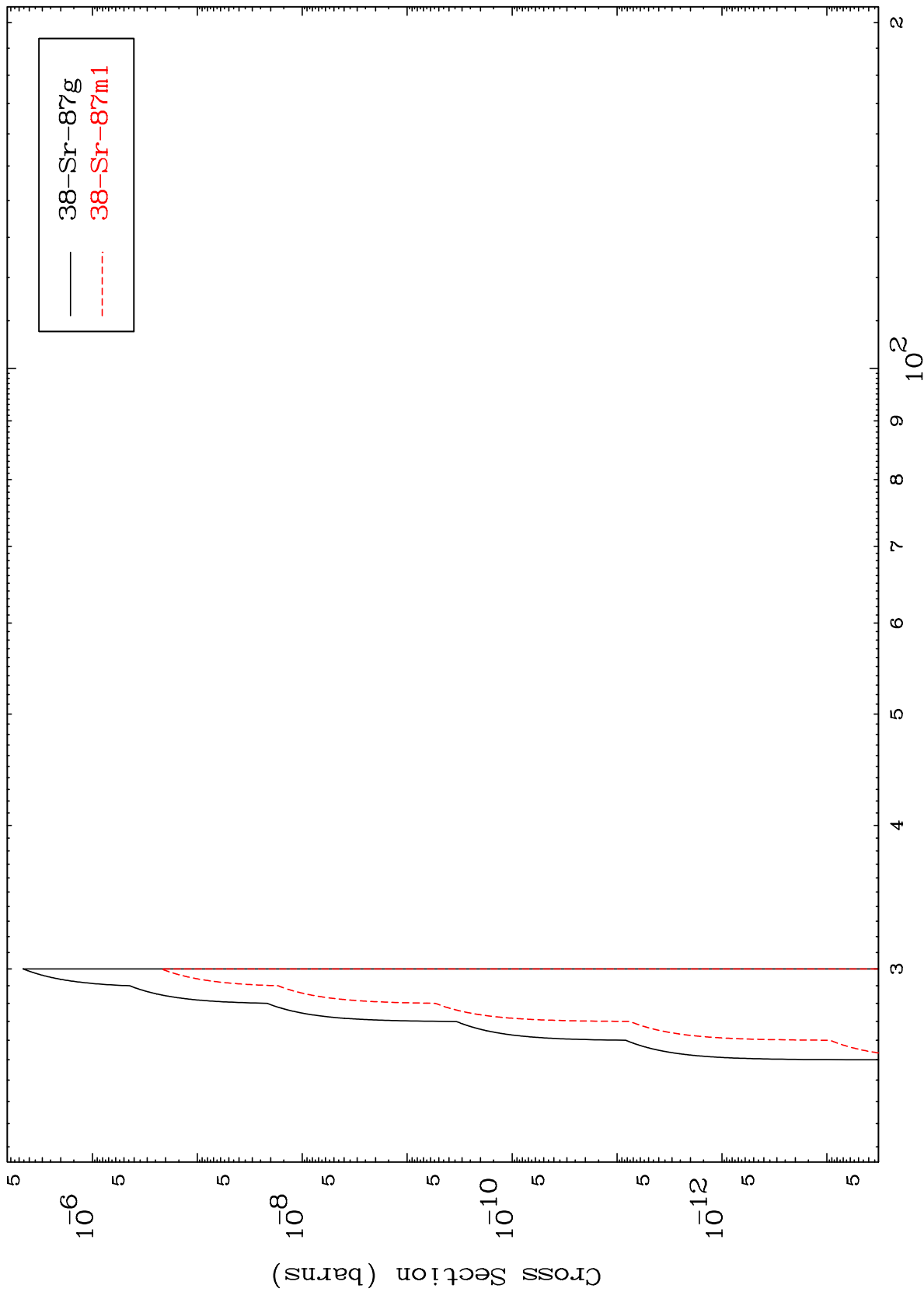
40-Zr-93

MAT 4034

(n,3n)  $\alpha$

40-Zr-93

Radionuclide Production Cross Section



141

Incident Energy (MeV)

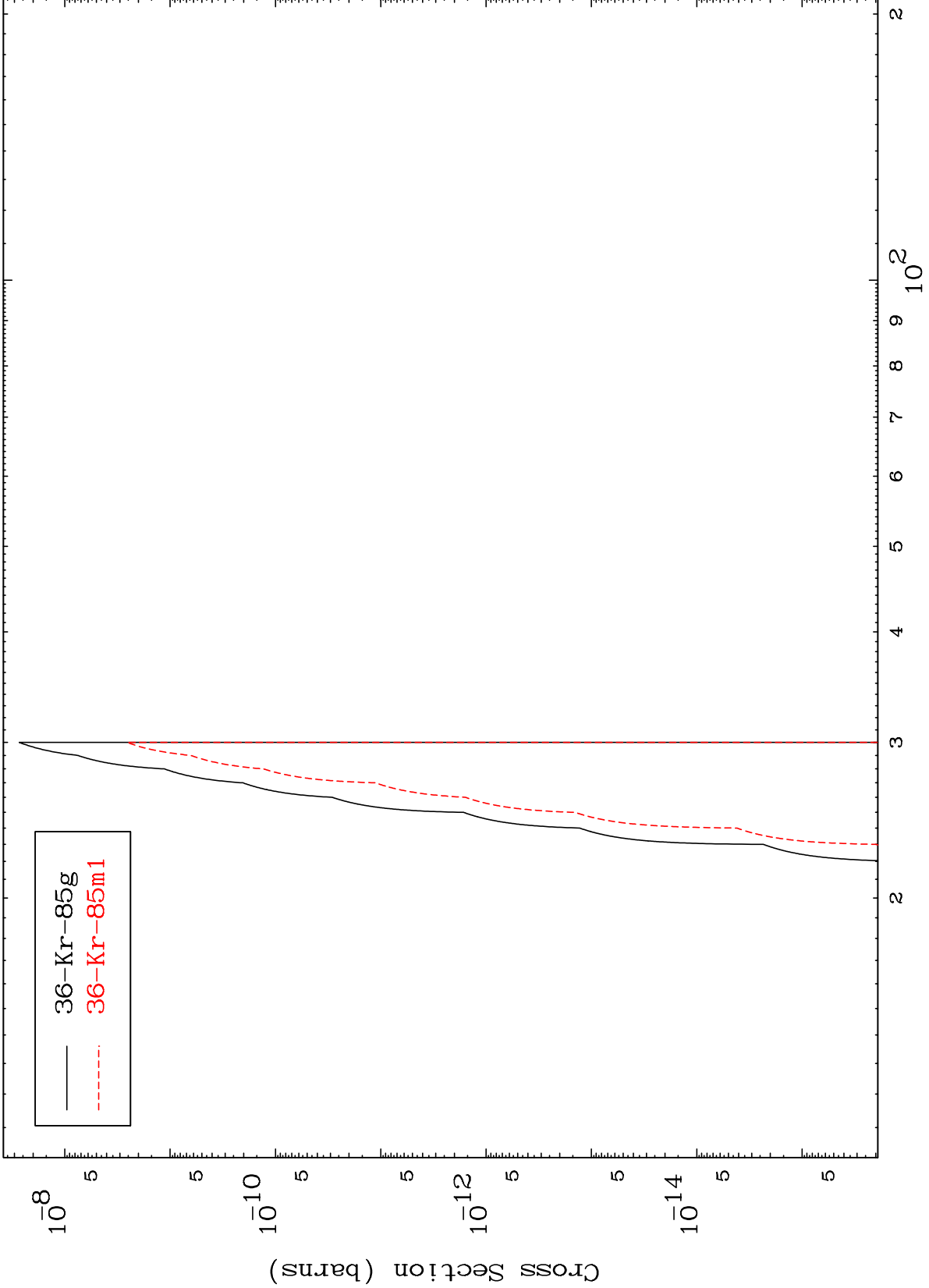
40-Zr-93

MAT 4034

(n,n') 2α

40-Zr-93

Radionuclide Production Cross Section



36-Kr-85g  
36-Kr-85m1

142

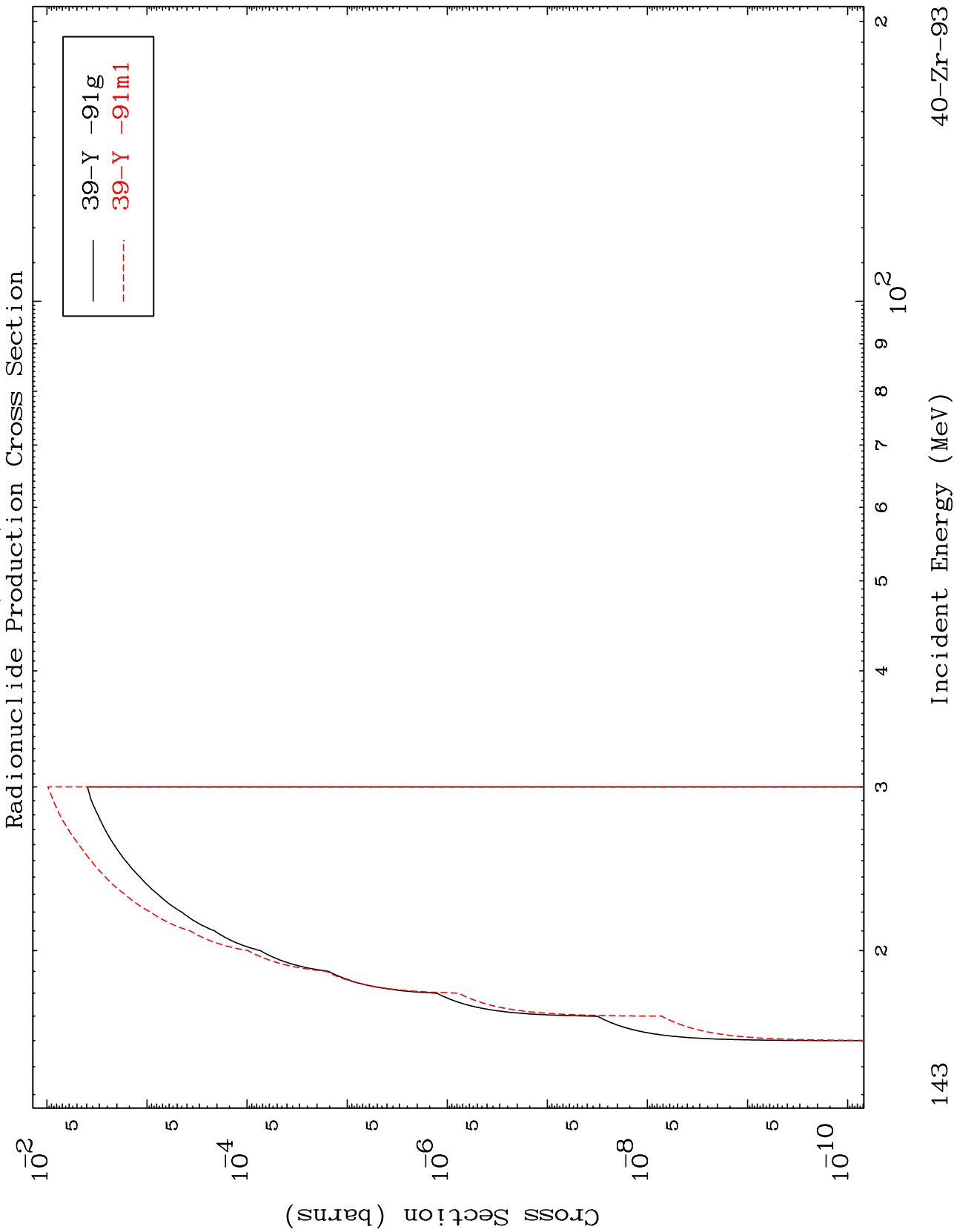
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,n') d

40-Zr-93



143

Incident Energy (MeV)

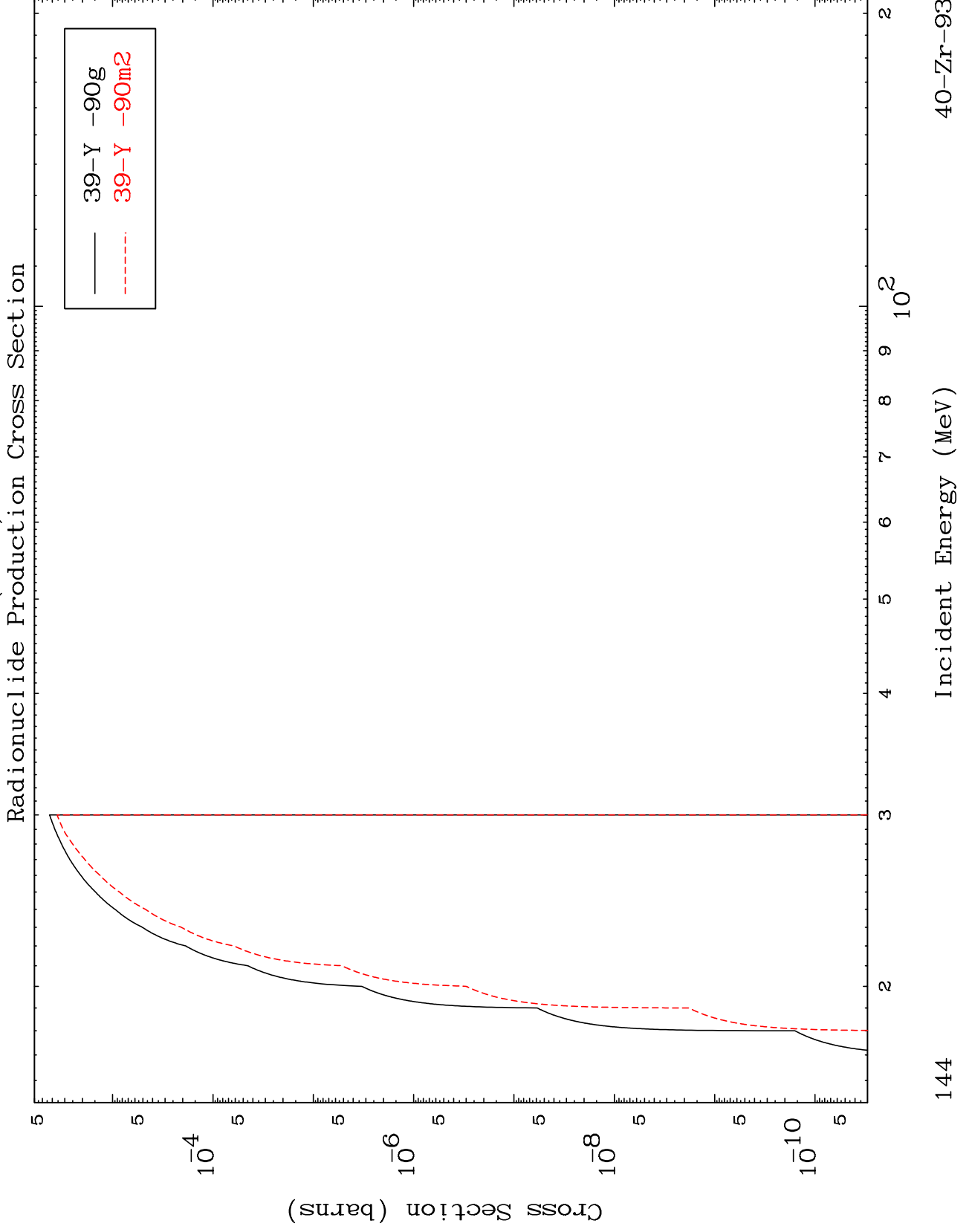
40-Zr-93



MAT 4034

(n,n') t

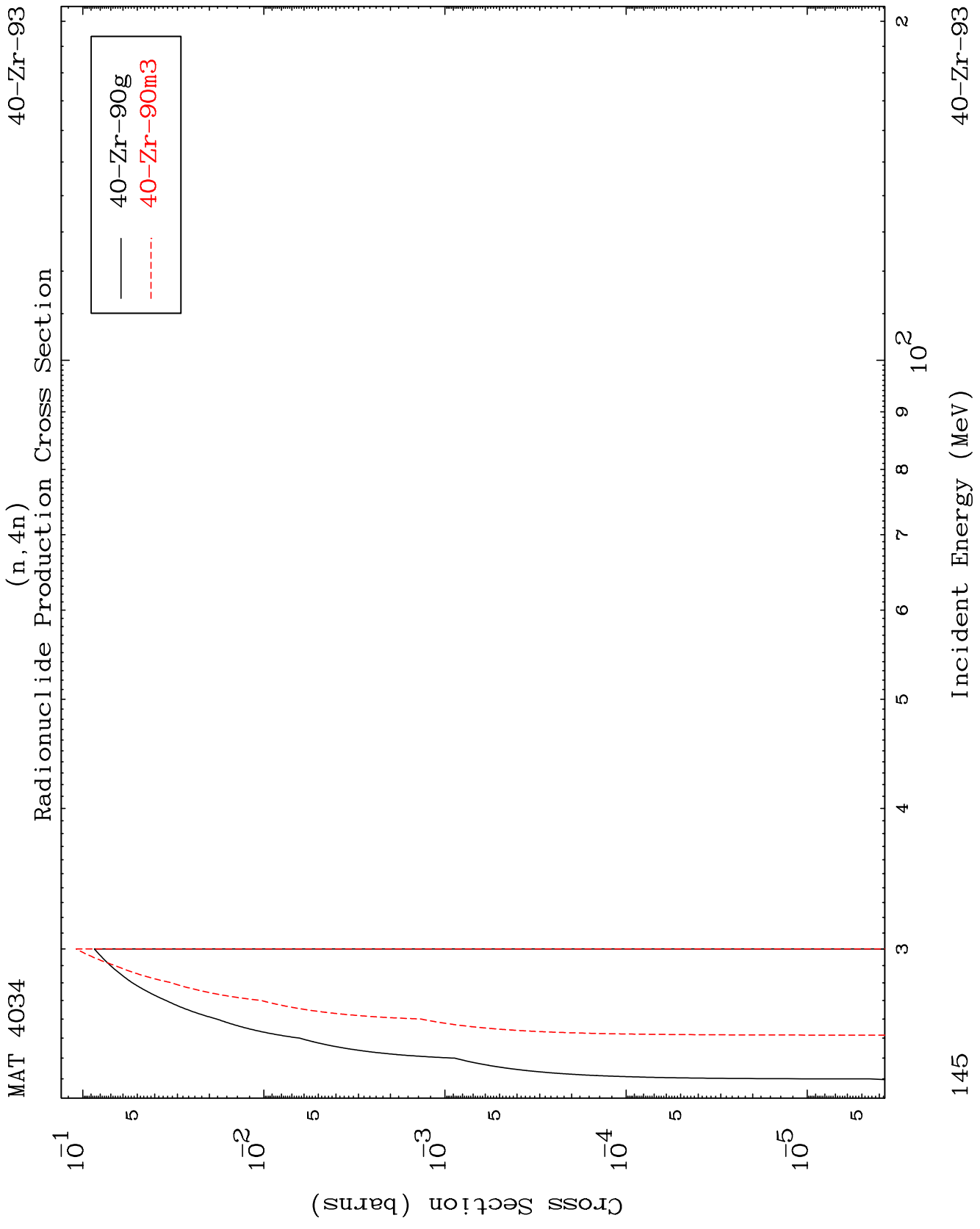
40-Zr-93



144

Incident Energy (MeV)

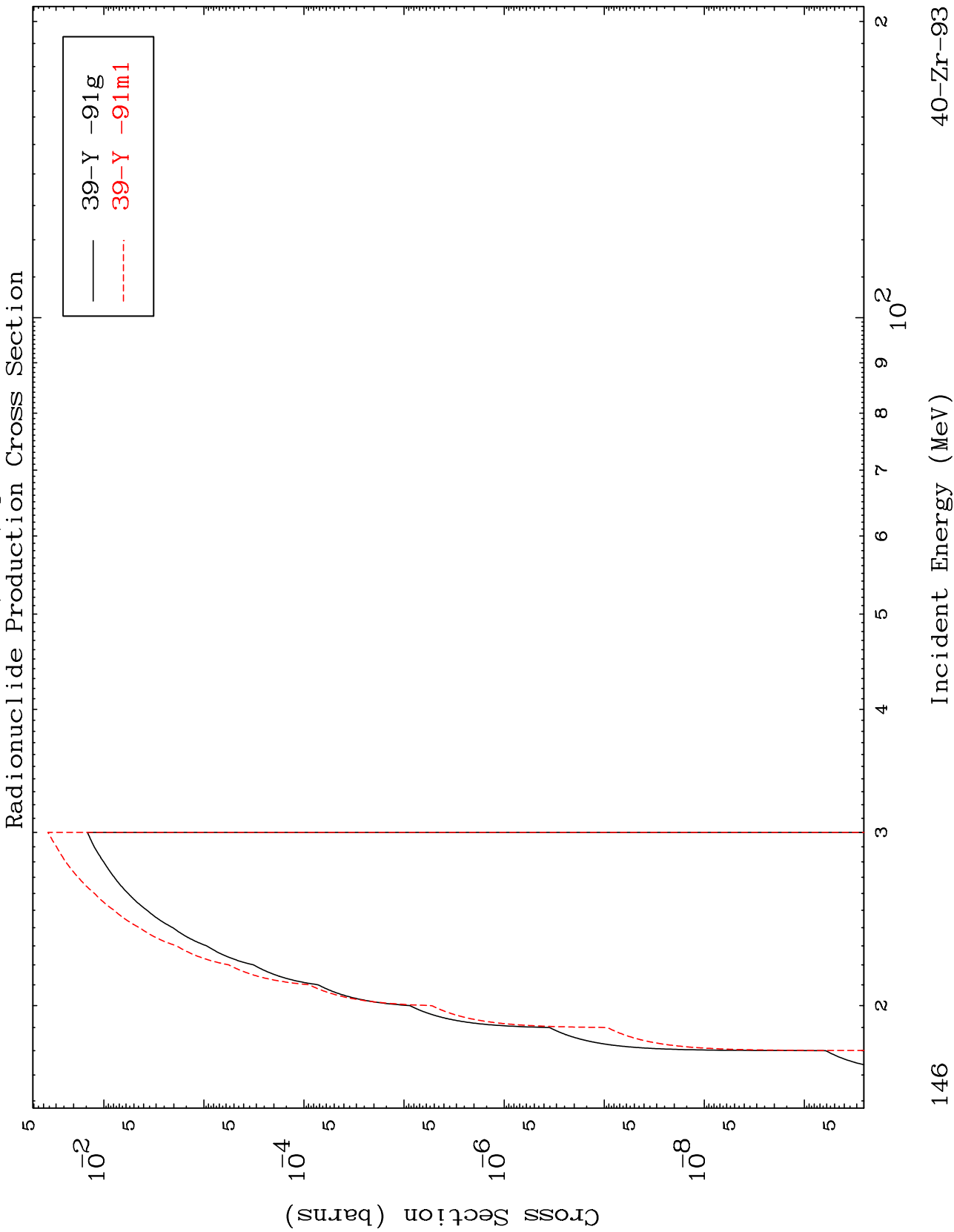
40-Zr-93



MAT 4034

(n,2n) p

40-Zr-93



146

Incident Energy (MeV)

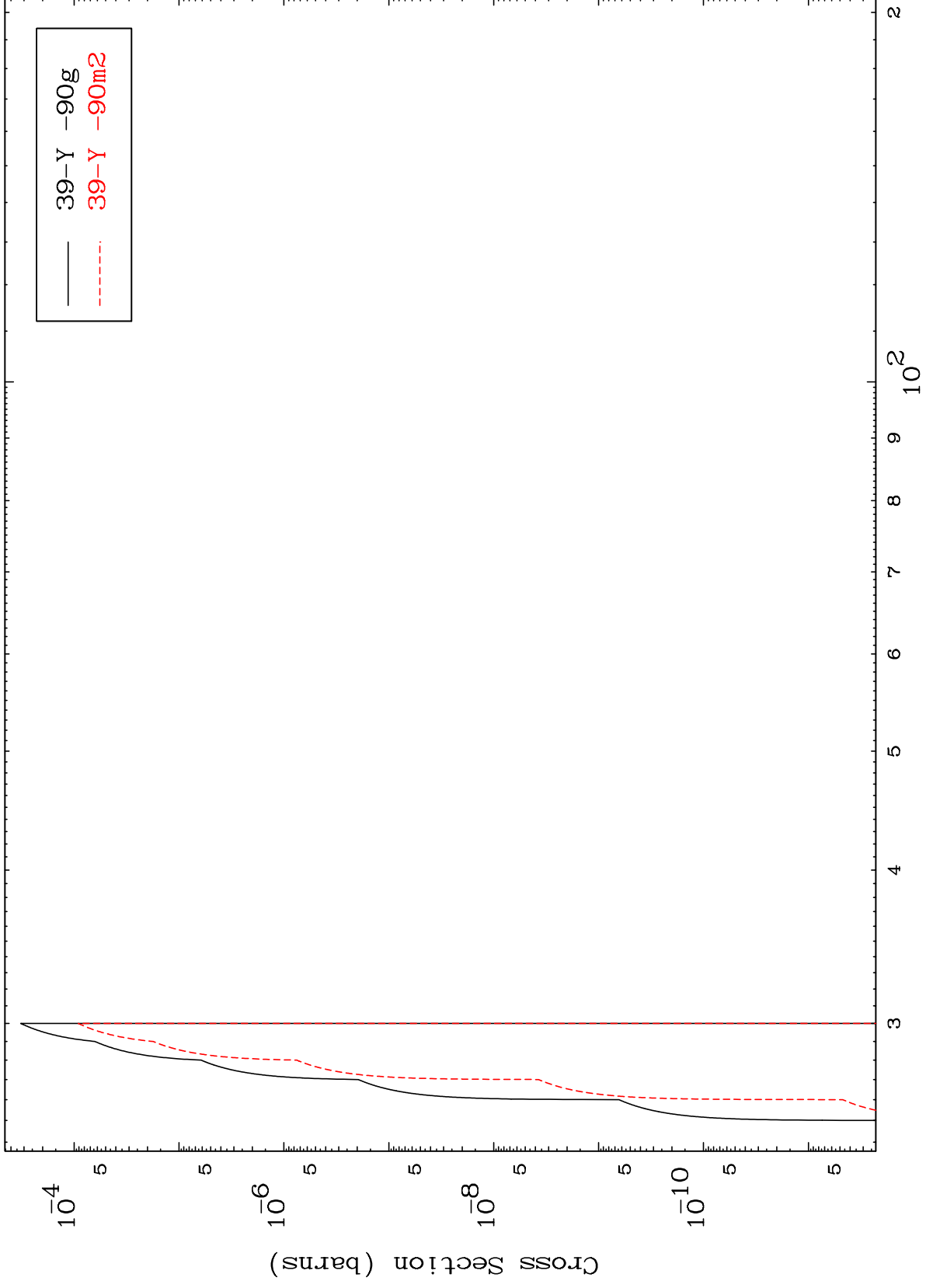
40-Zr-93

MAT 4034

(n,3n) p

40-Zr-93

Radionuclide Production Cross Section



147

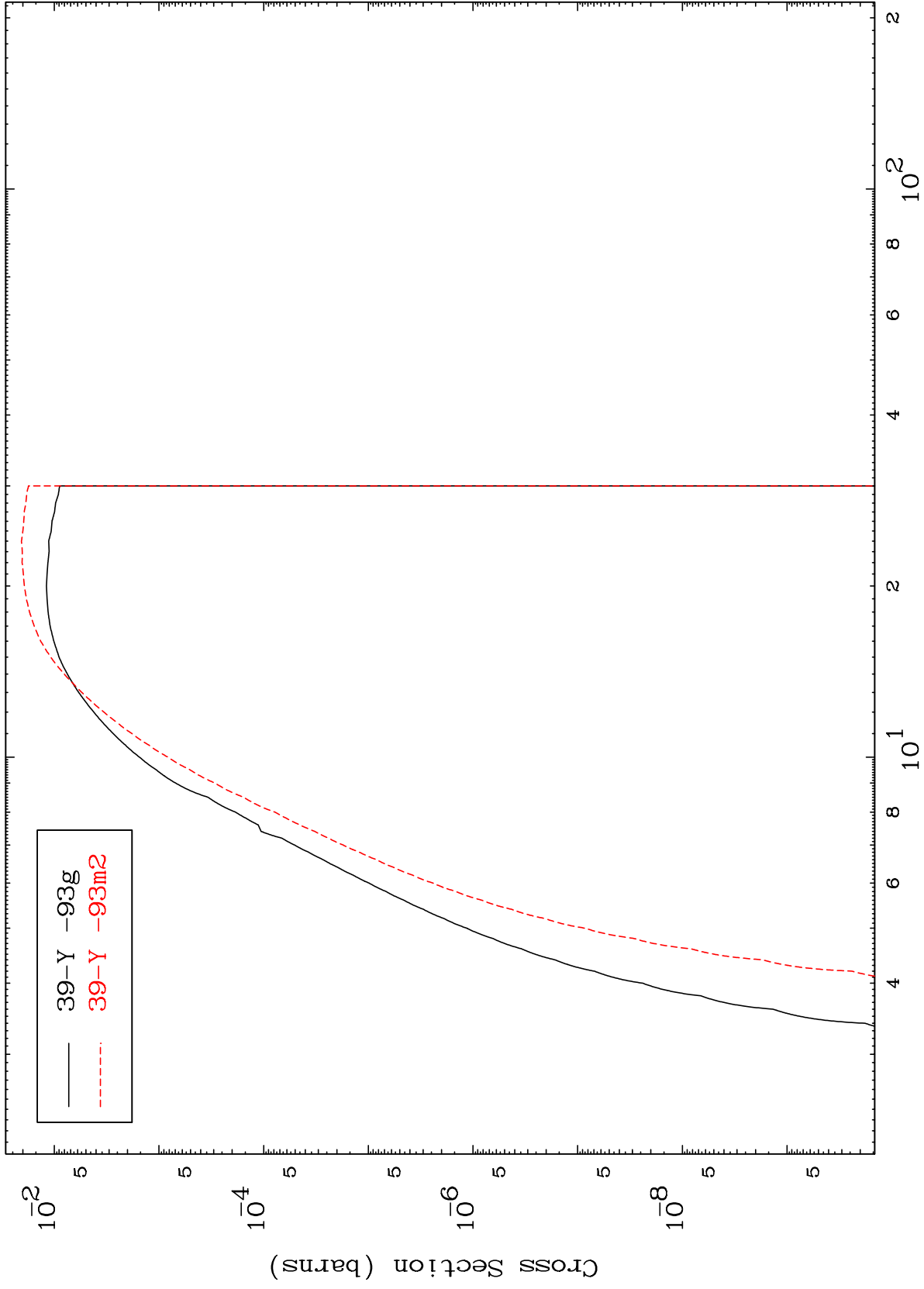
Incident Energy (MeV)

40-Zr-93

MAT 4034

40-Zr-93

(n,p)  
Radionuclide Production Cross Section



40-Zr-93

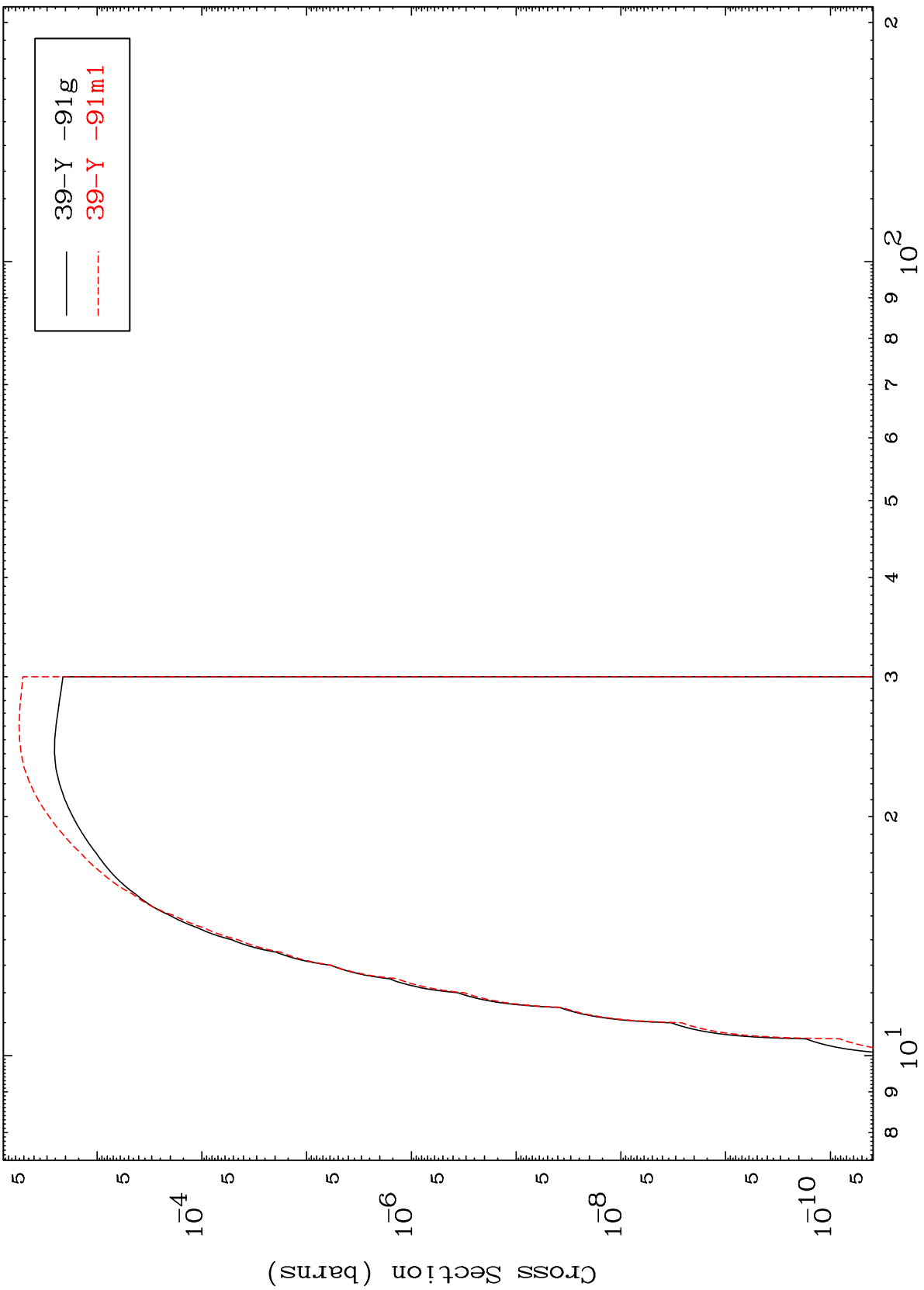
Incident Energy (MeV)

148

MAT 4034

40-Zr-93

(n, t)  
Radionuclide Production Cross Section



149

Incident Energy (MeV)

40-Zr-93