

Program EVALPLOT
(Version 2018-1)

by

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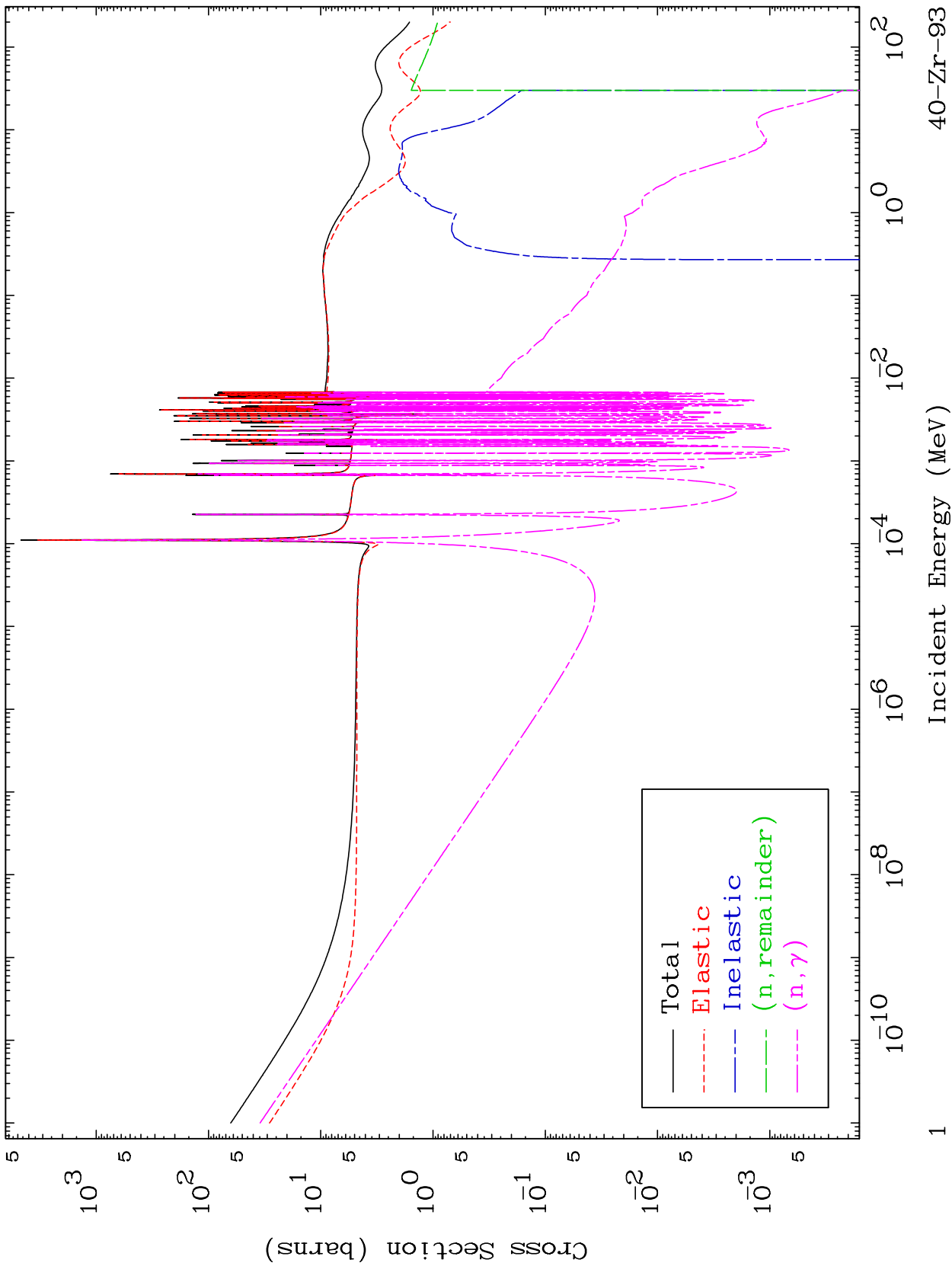
Press Mouse Button to Start

MAT 4034

Major

293 Kelvin Cross Sections

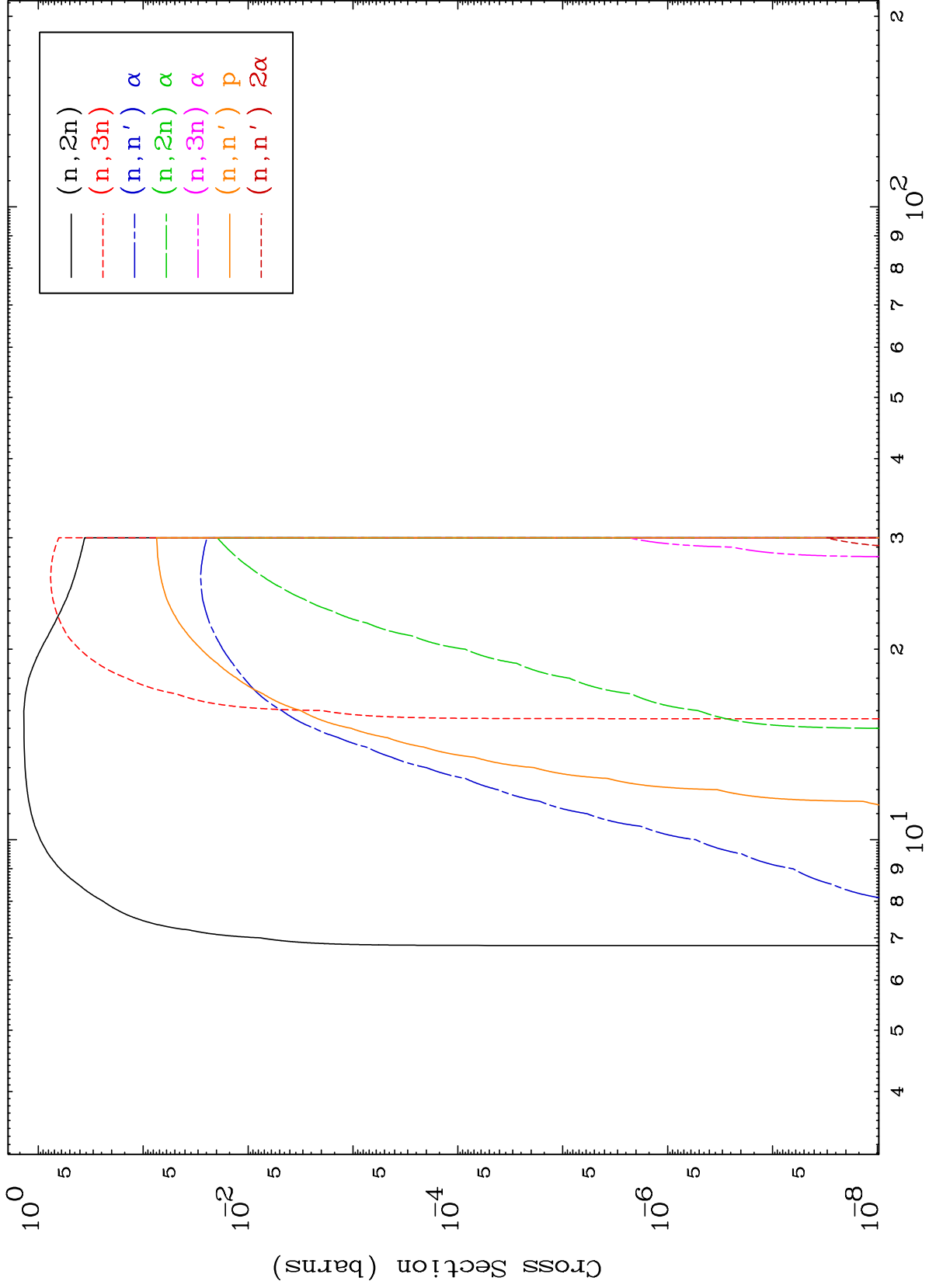
40-Zr-93



MAT 4034

Neutron Production
293 Kelvin Cross Sections

40-Zr-93



2

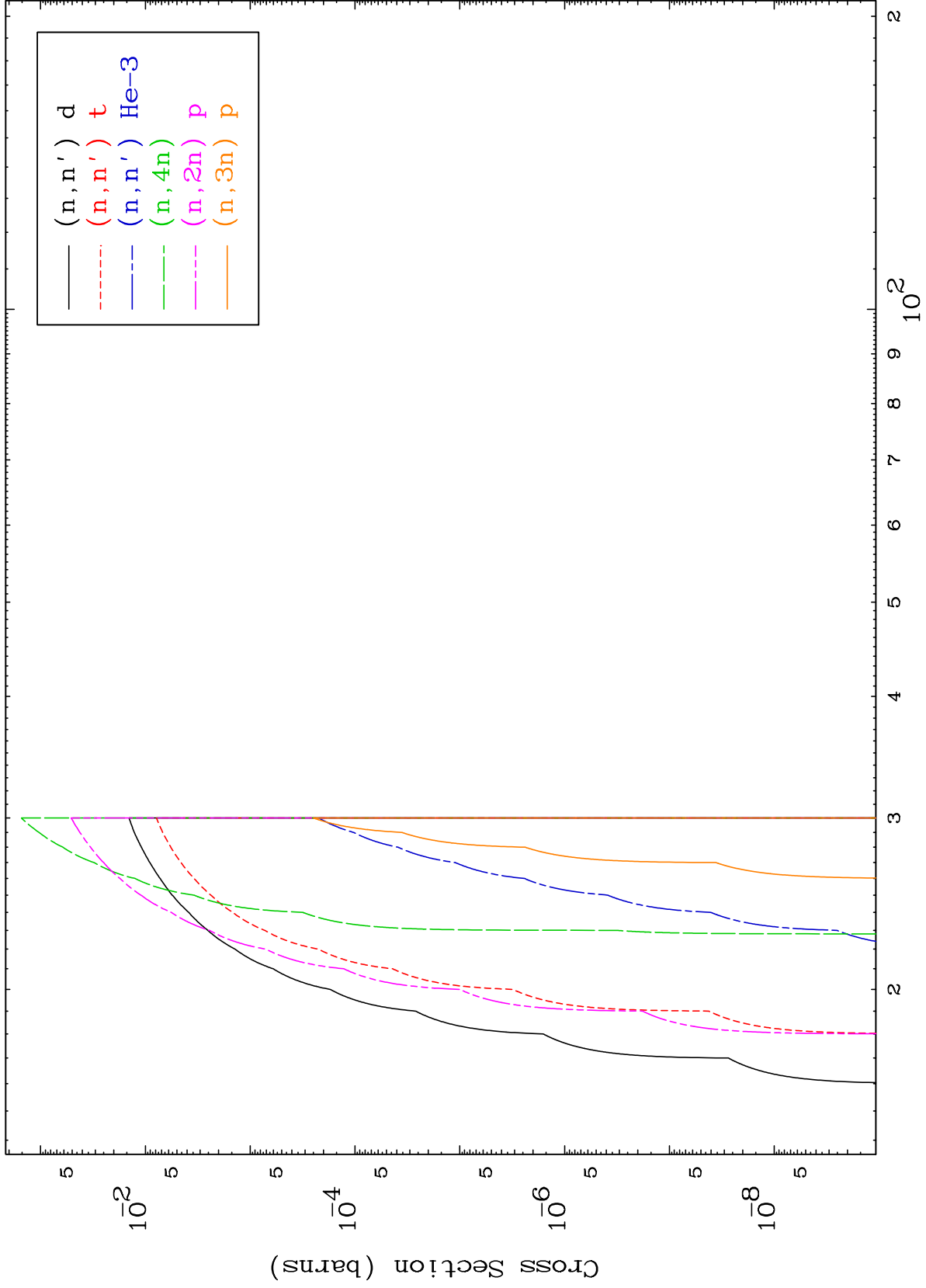
Incident Energy (MeV)

40-Zr-93

MAT 4034

Neutron Production
293 Kelvin Cross Sections

40-Zr-93



3

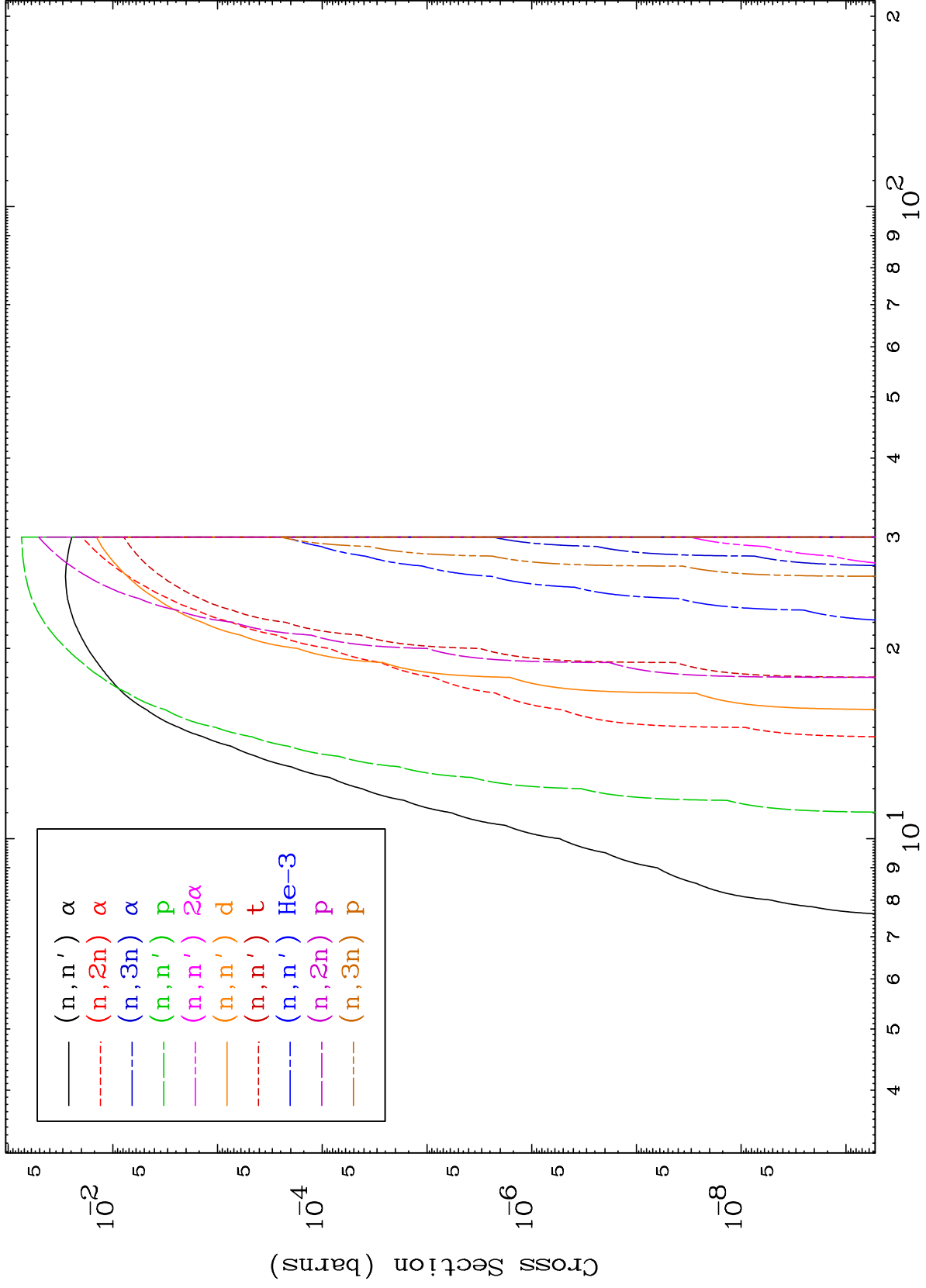
Incident Energy (MeV)

40-Zr-93

MAT 4034

Charged Particle
293 Kelvin Cross Sections

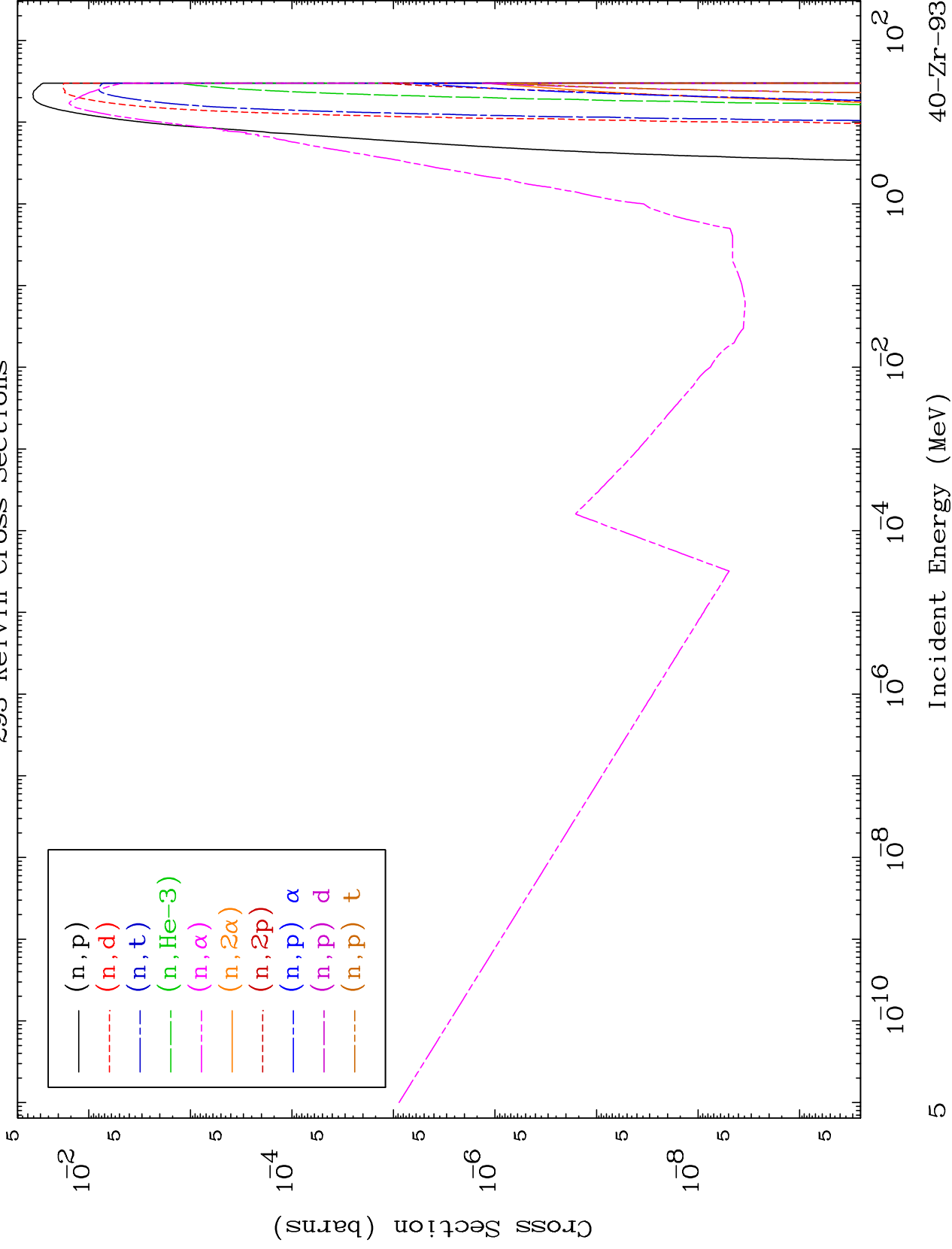
40-Zr-93



MAT 4034

Charged Particle
293 Kelvin Cross Sections

40-Zr-93



5

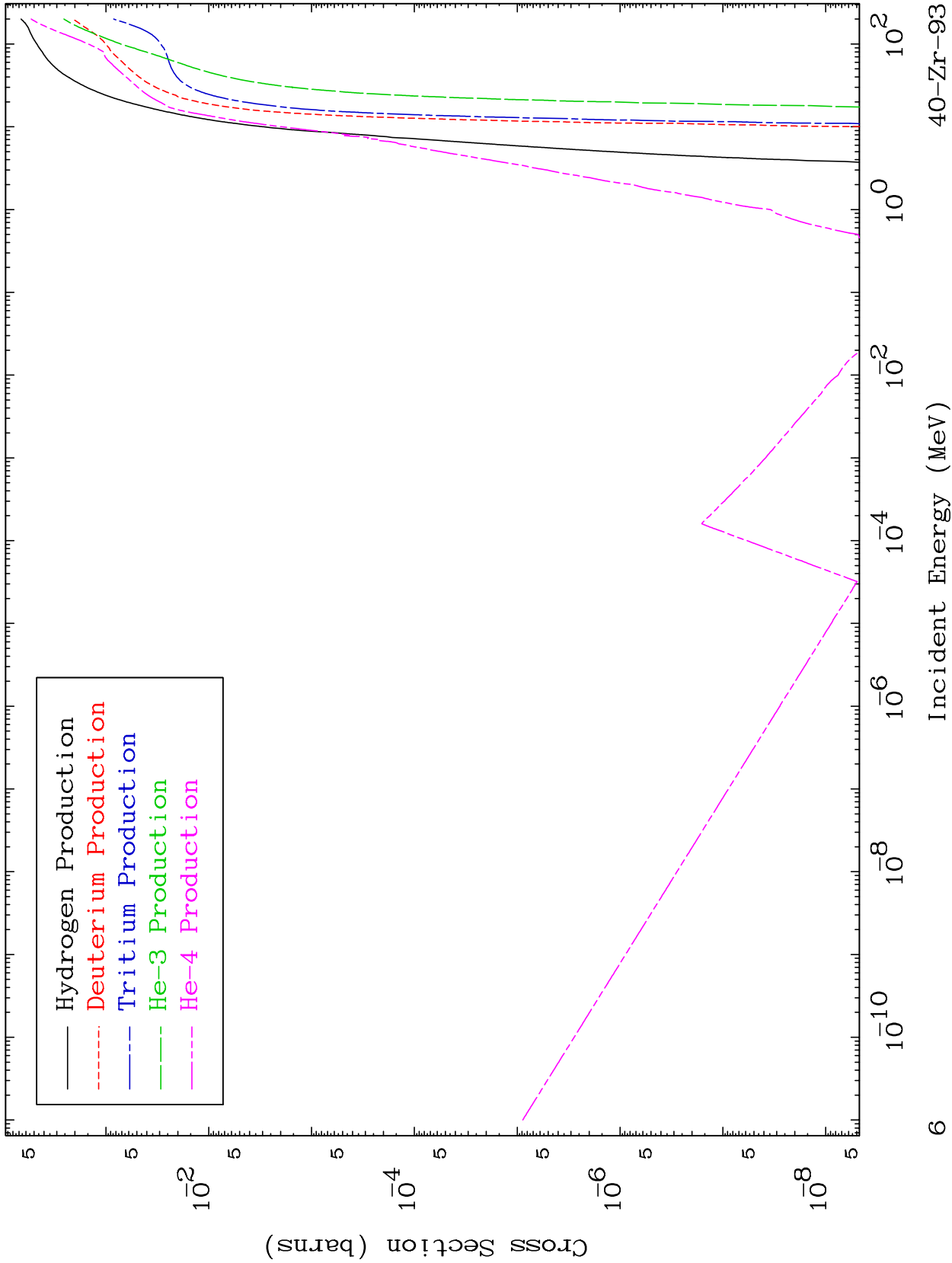
Incident Energy (MeV)

40-Zr-93

MAT 4034

Particle Production
293 Kelvin Cross Sections

40-Zr-93

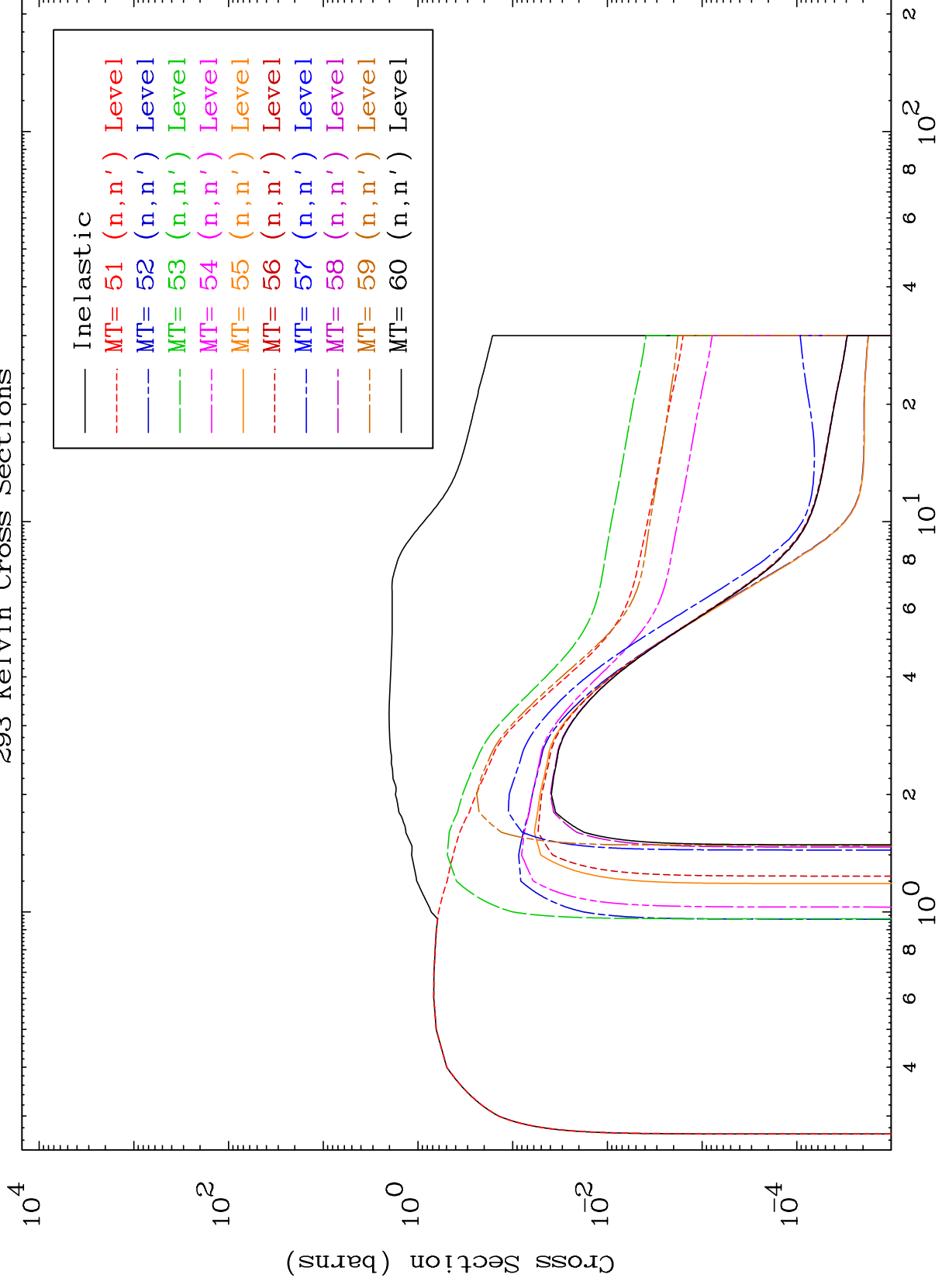


MAT 4034

(n,n') Level

40-Zr-93

293 Kelvin Cross Sections

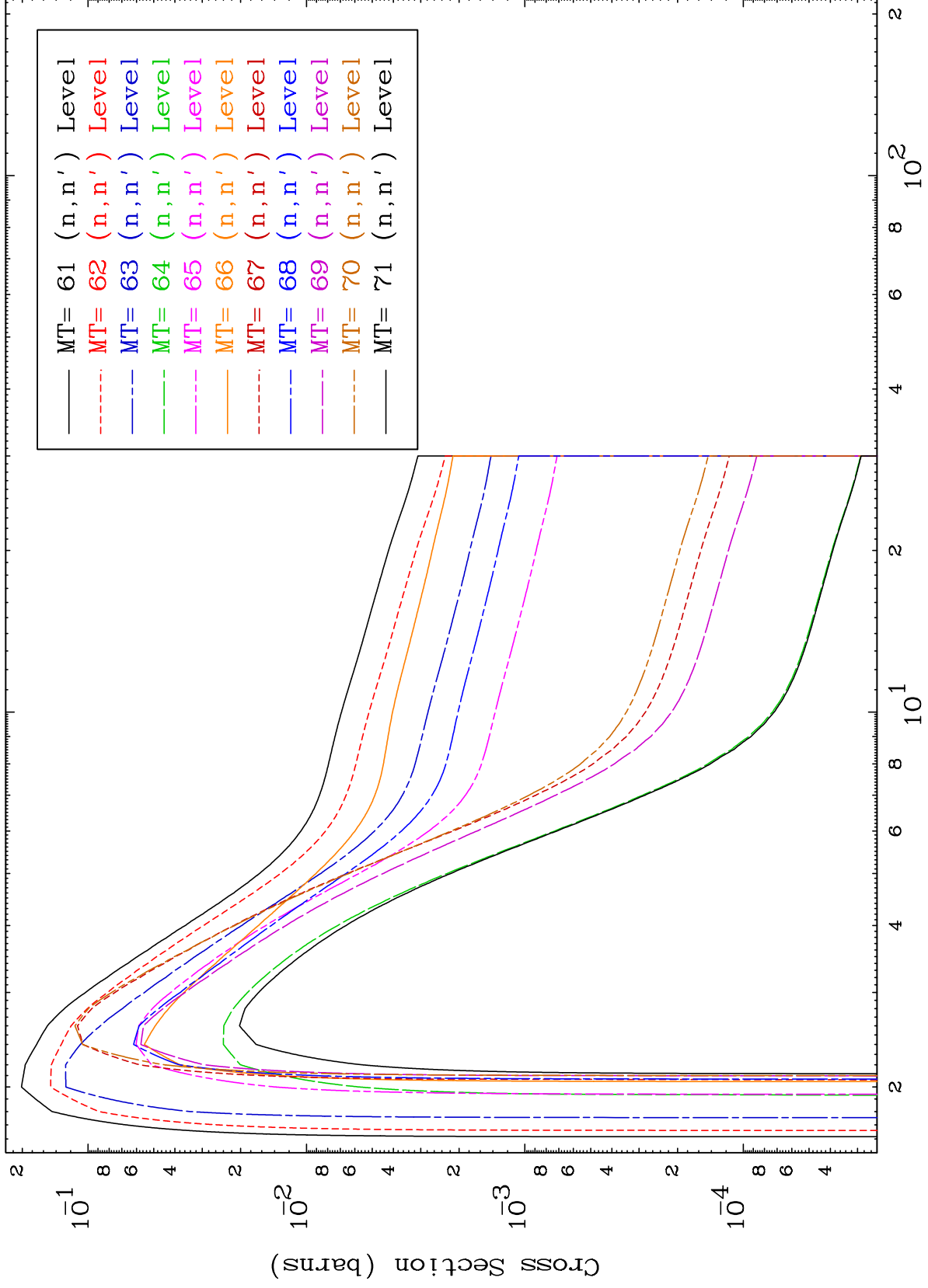


MAT 4034

(n,n') Level

40-Zr-93

293 Kelvin Cross Sections



8

Incident Energy (MeV)

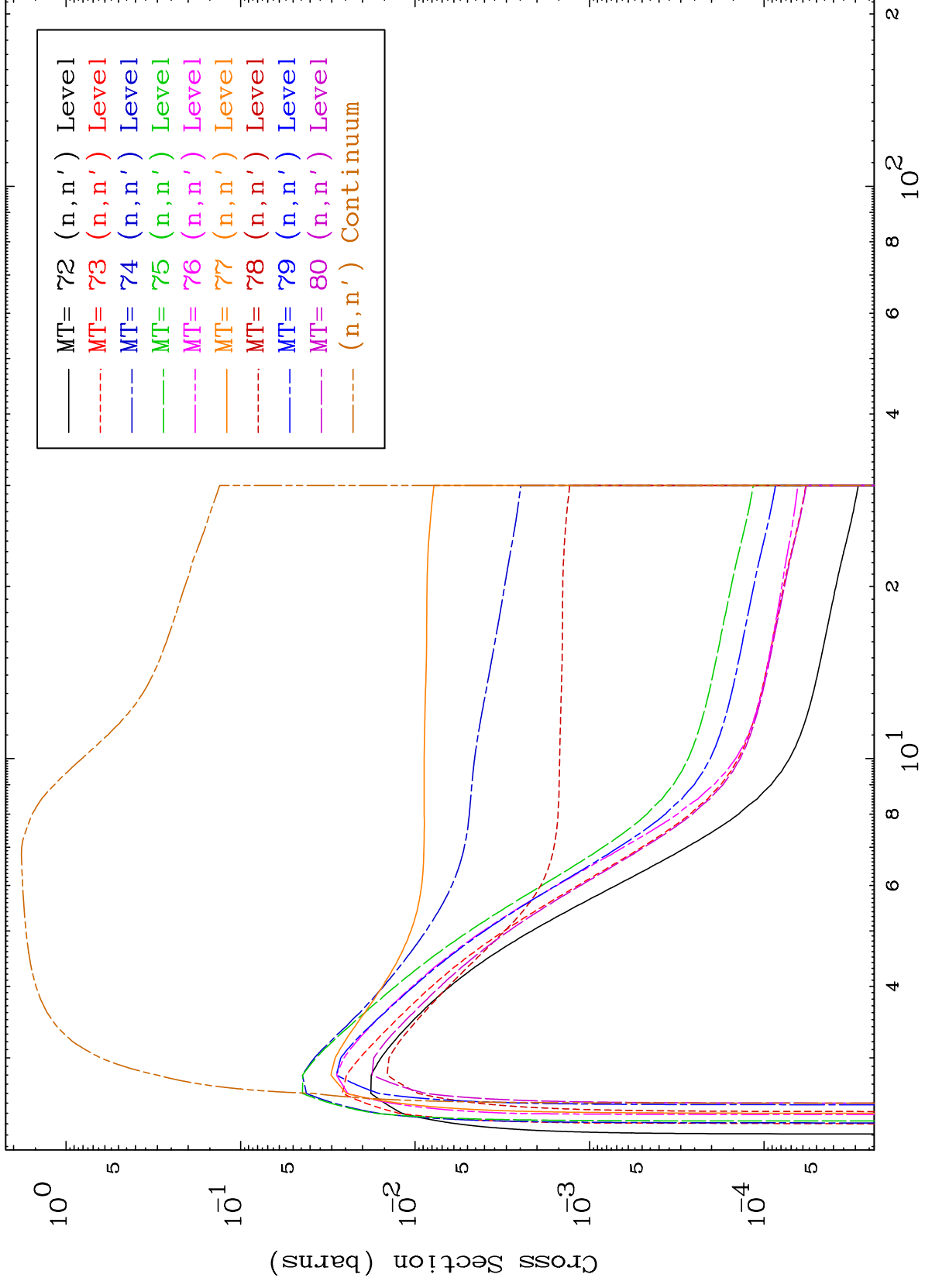
40-Zr-93

MAT 4034

(n,n') Level

40-Zr-93

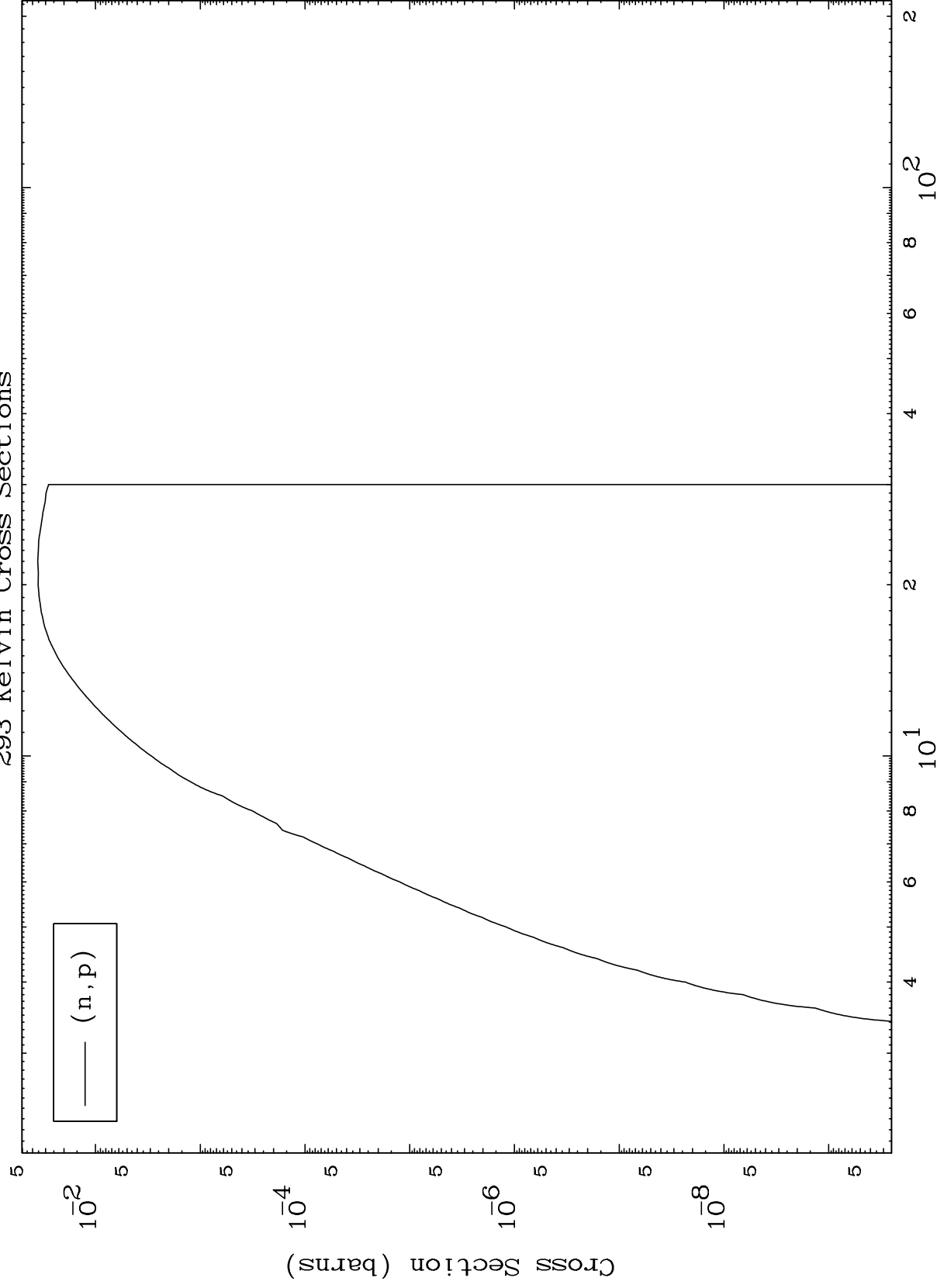
293 Kelvin Cross Sections



MAT 4034

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-93



10

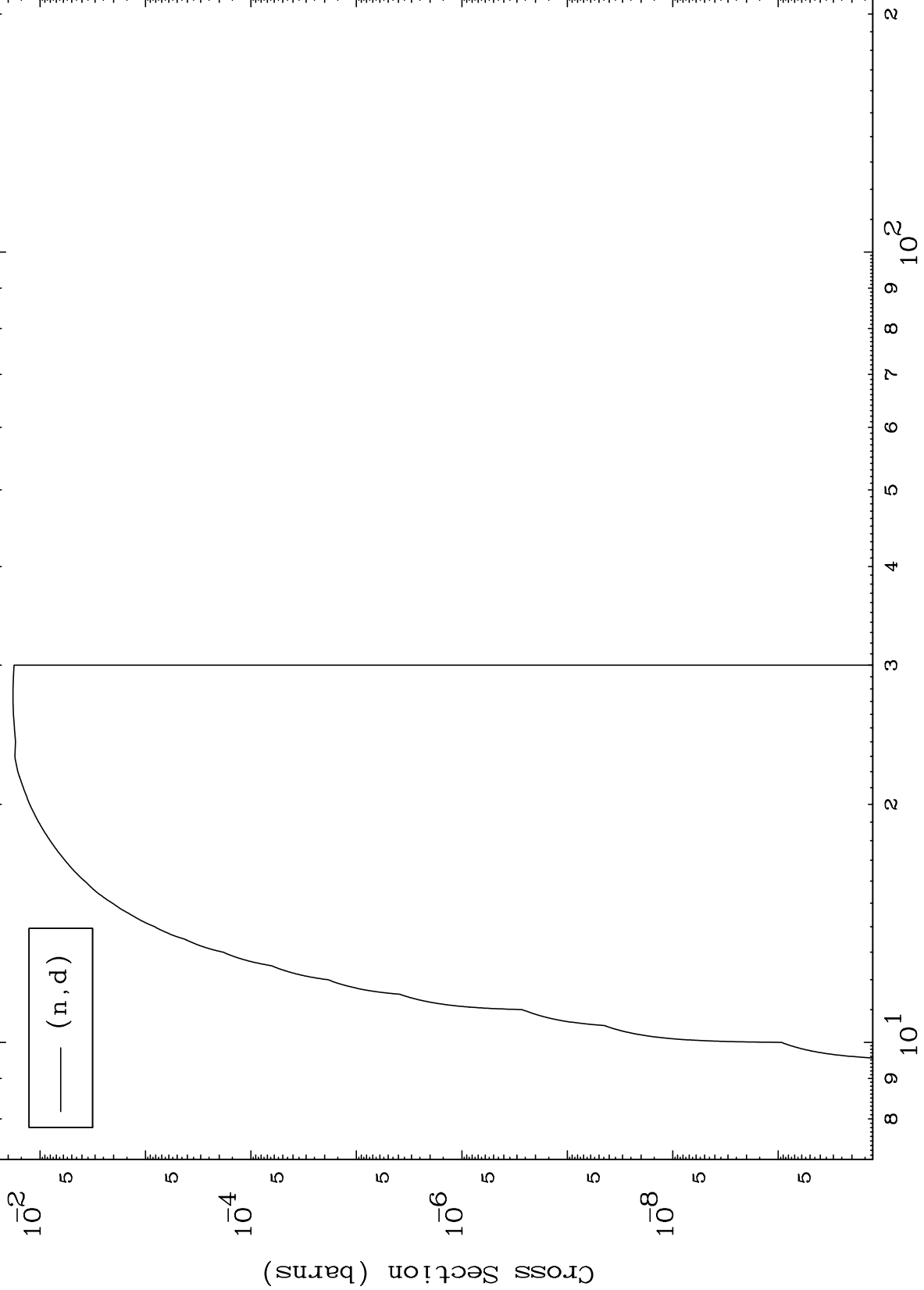
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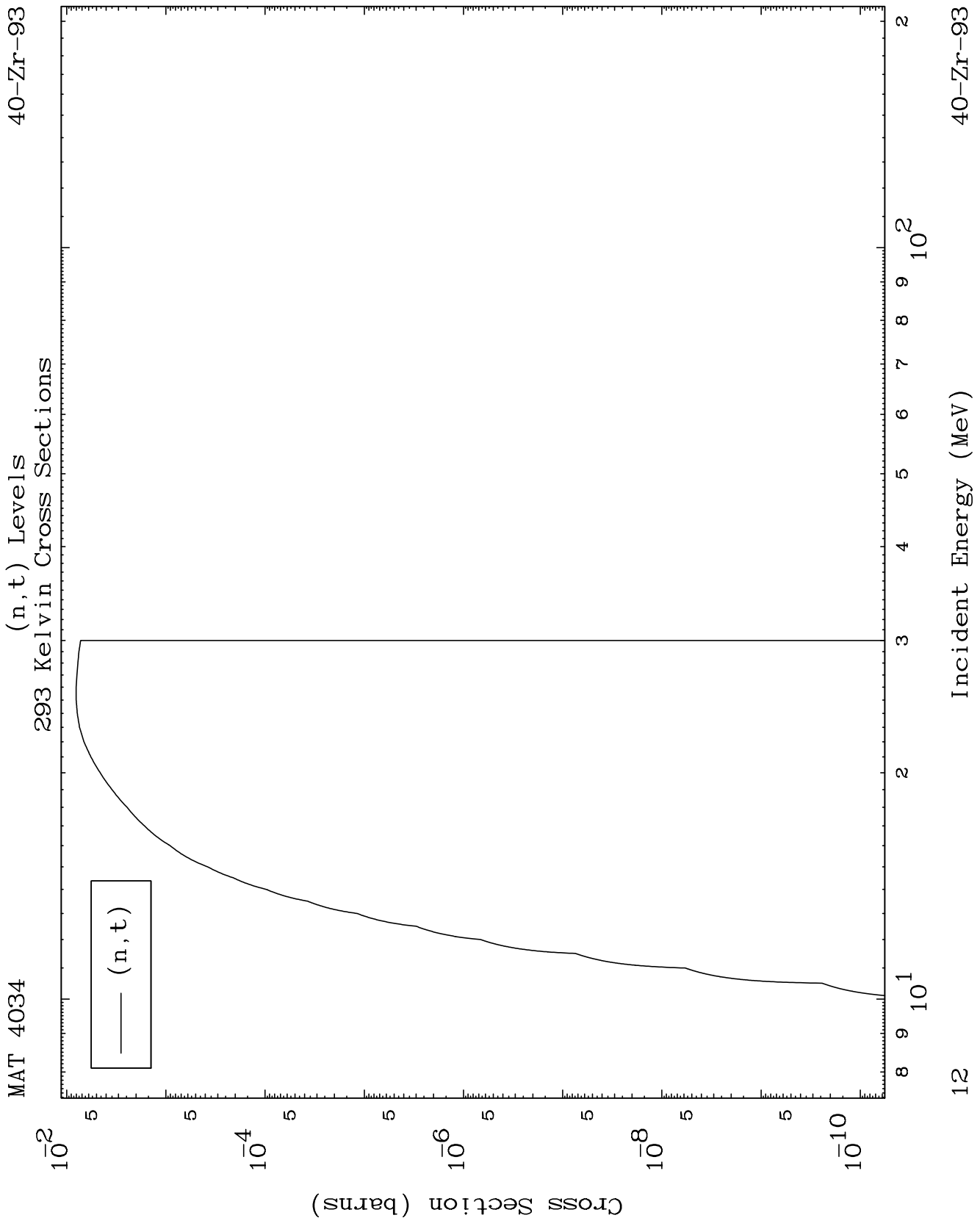
40-Zr-93

MAT 4034

(n,d) Levels
293 Kelvin Cross Sections

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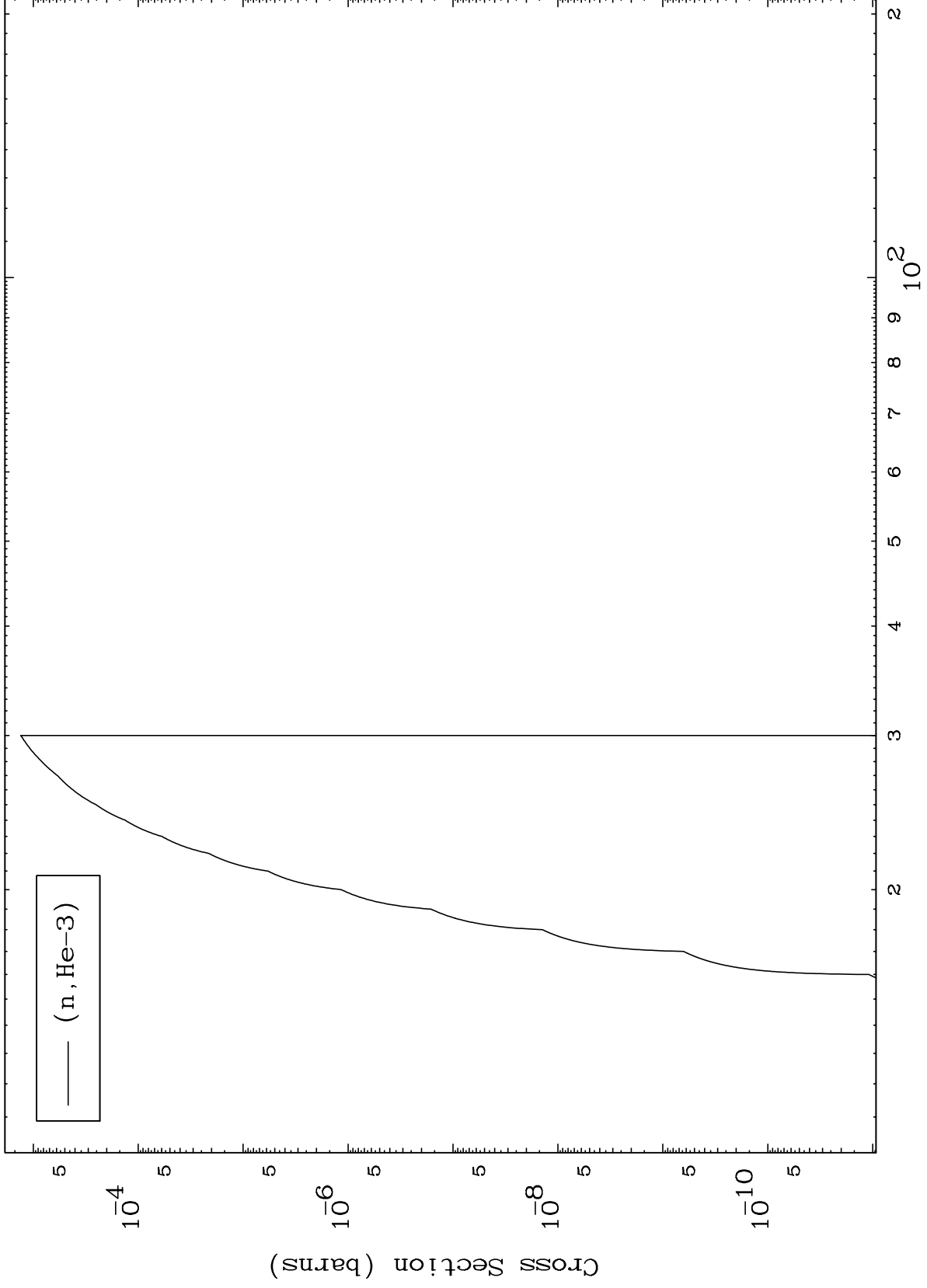




MAT 4034

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-93



13

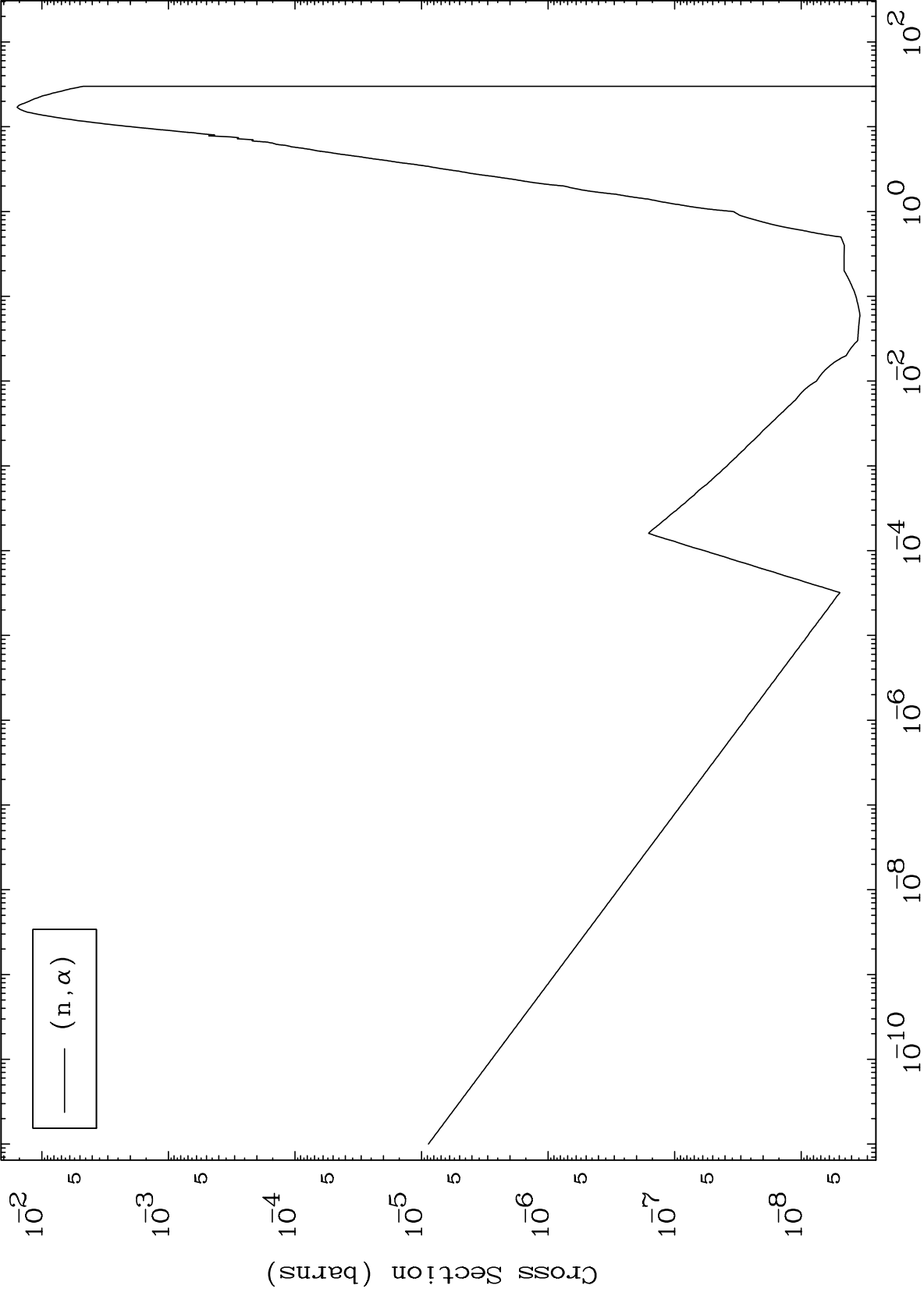
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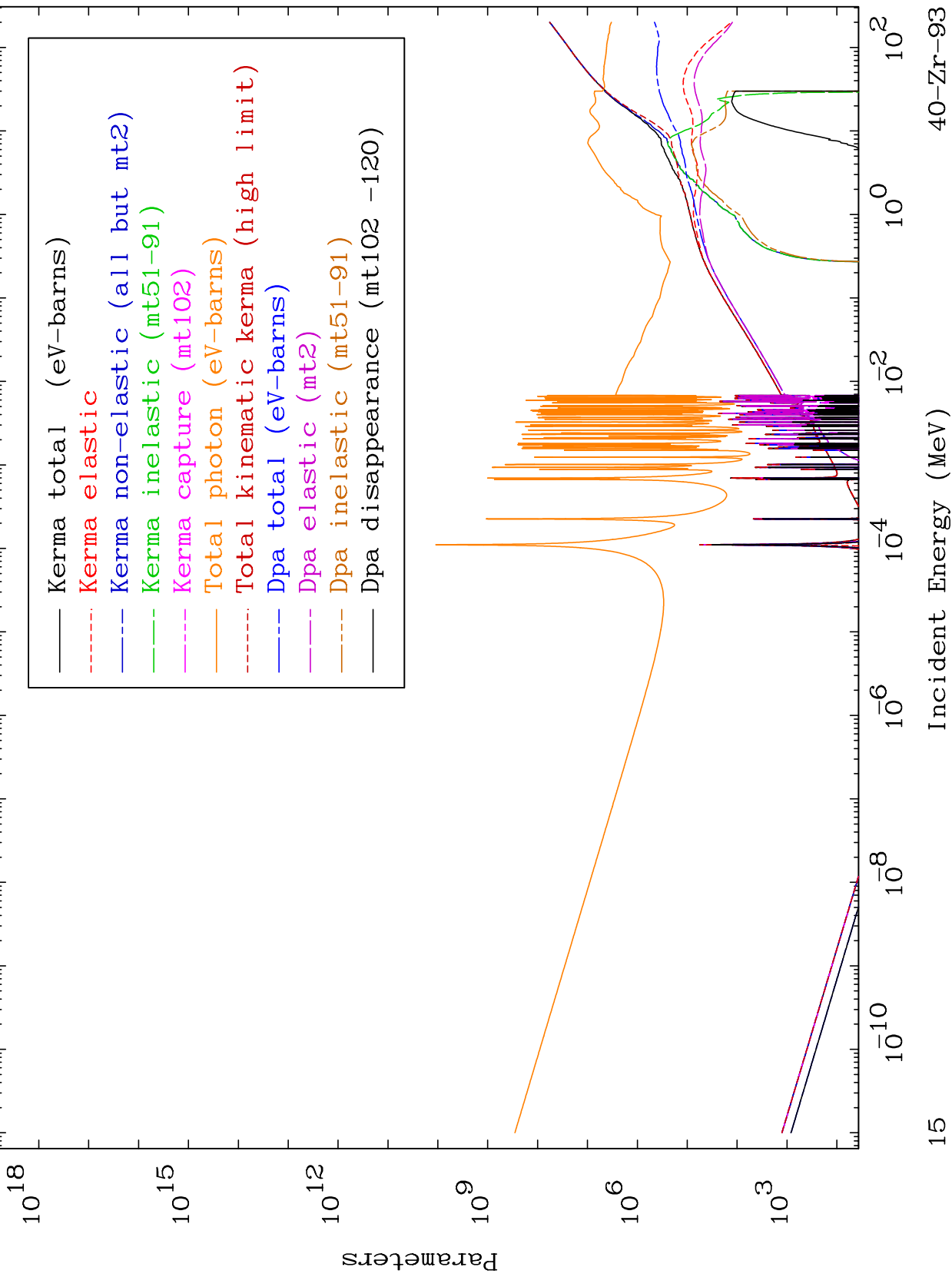
40-Zr-93

MAT 4034

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-93

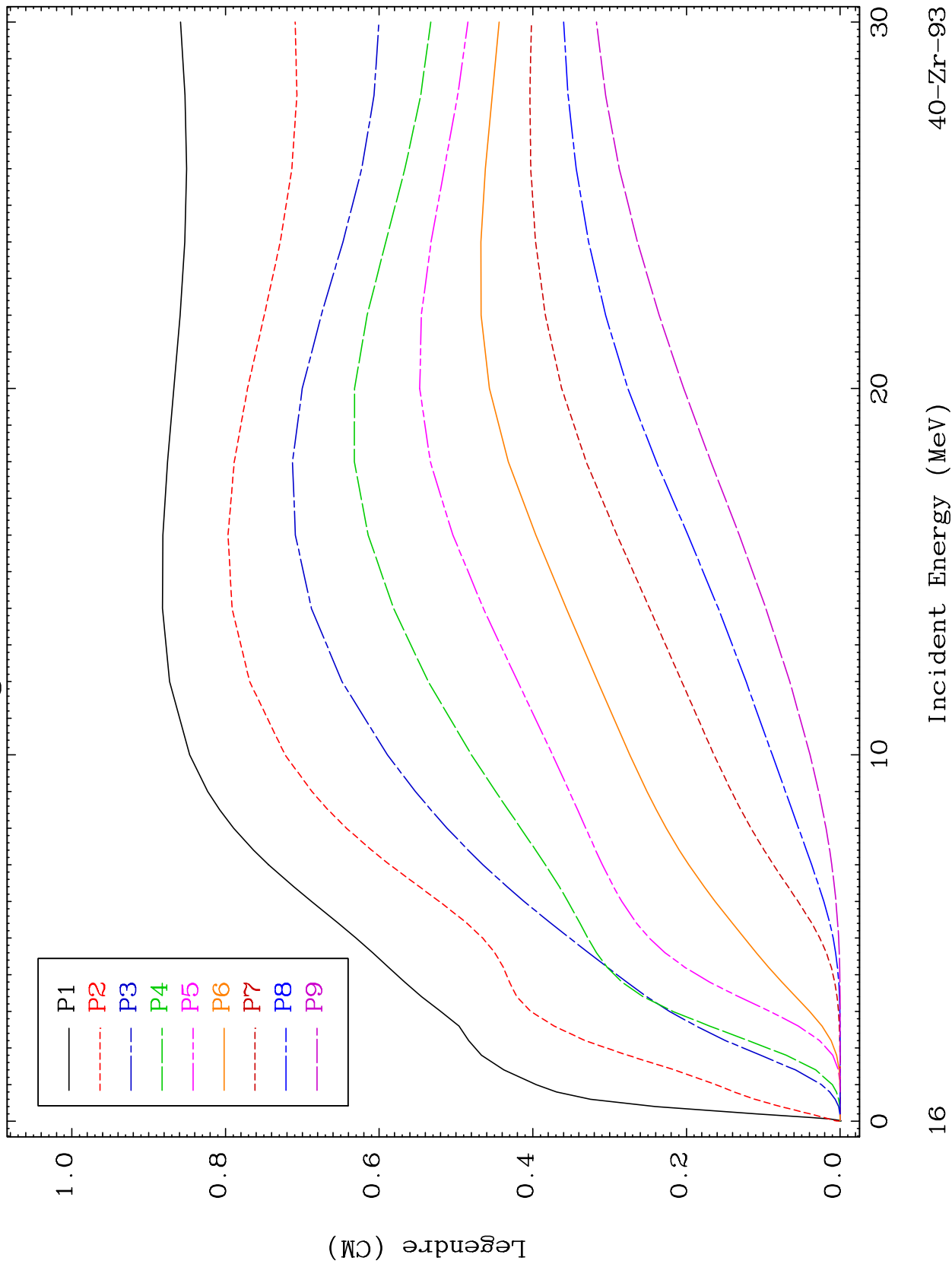




MAT 4034

Elastic Legendre Coefficients

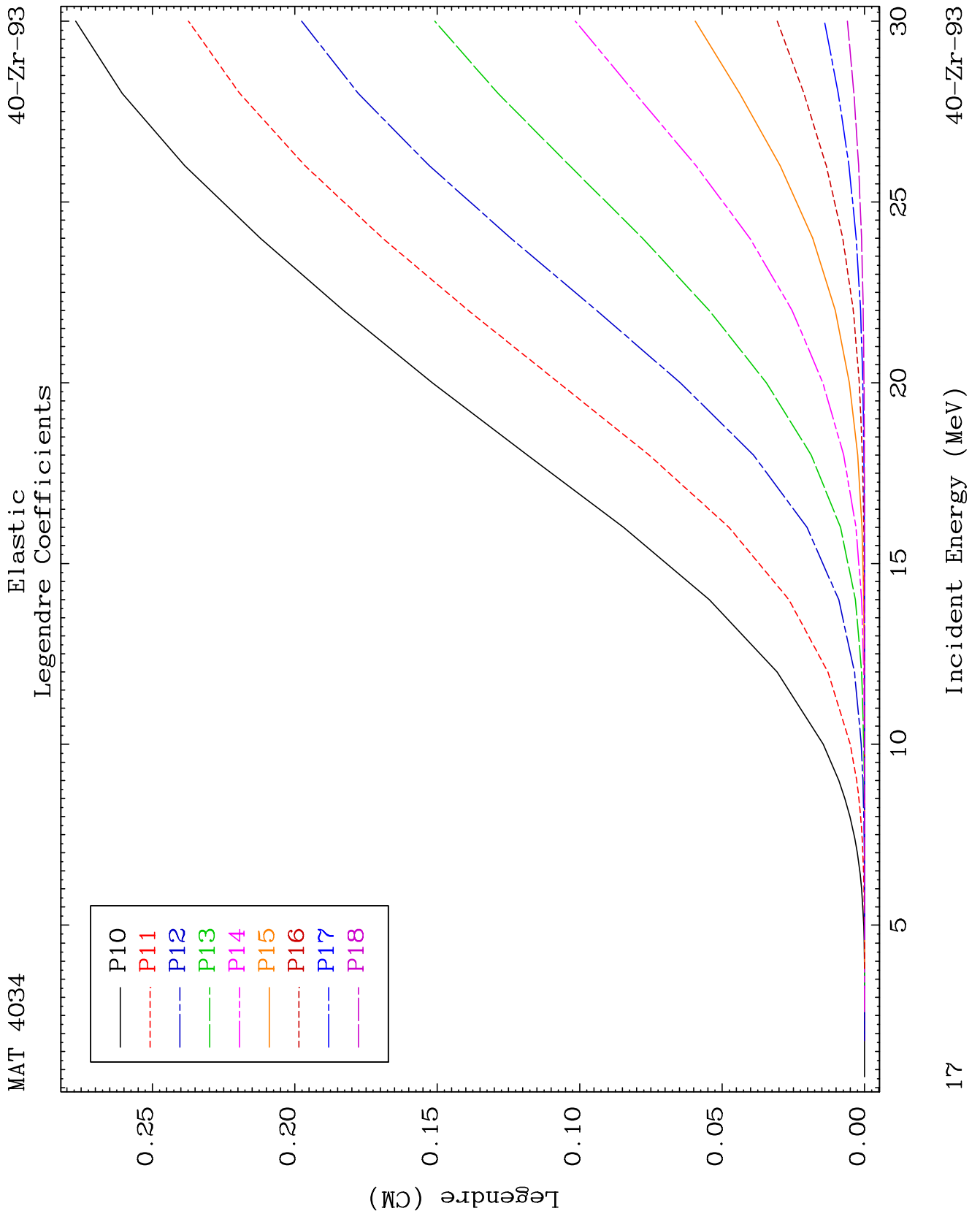
40-Zr-93



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Incident Energy (MeV)

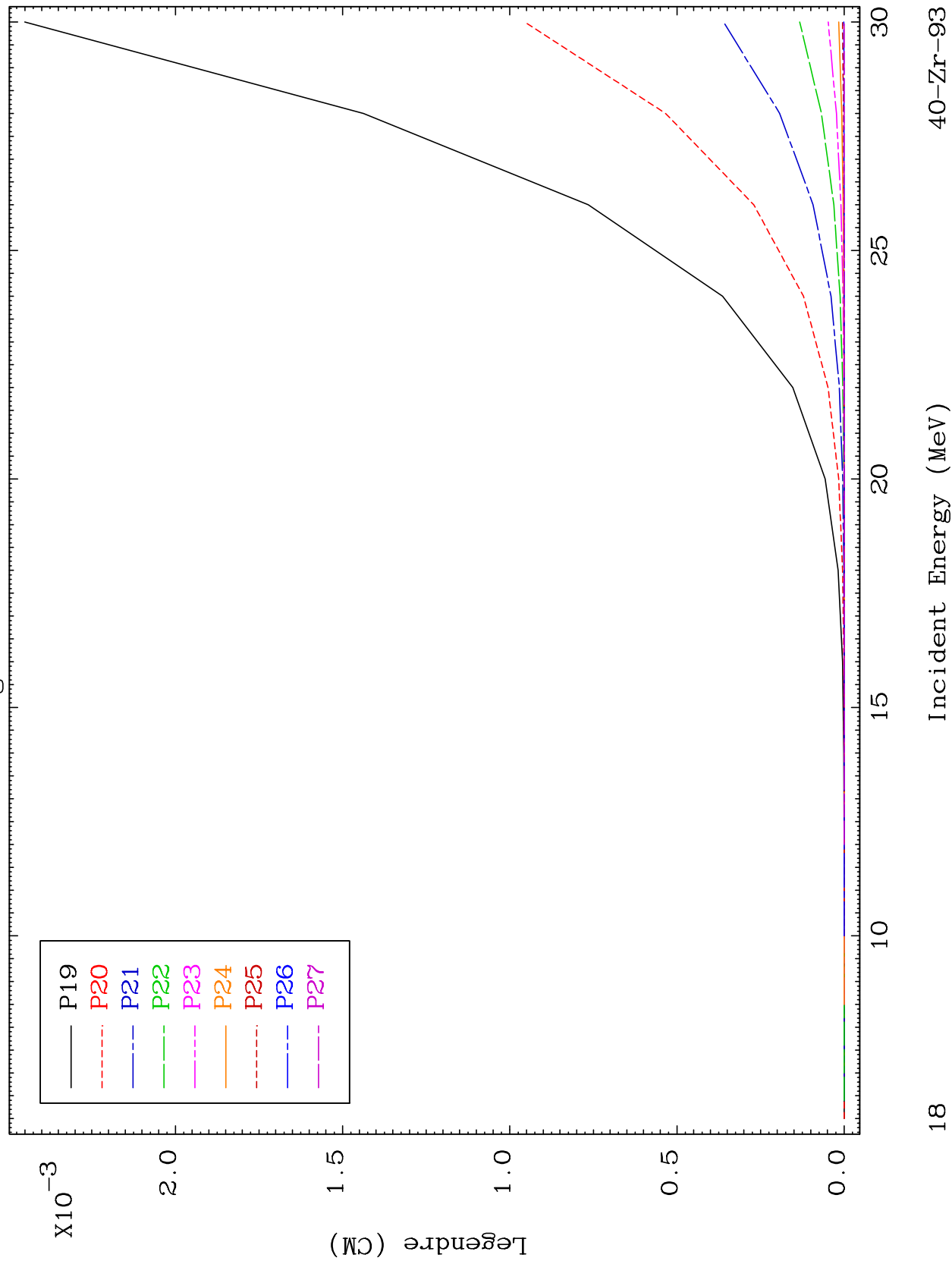
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MAT 4034

Elastic
Legendre Coefficients

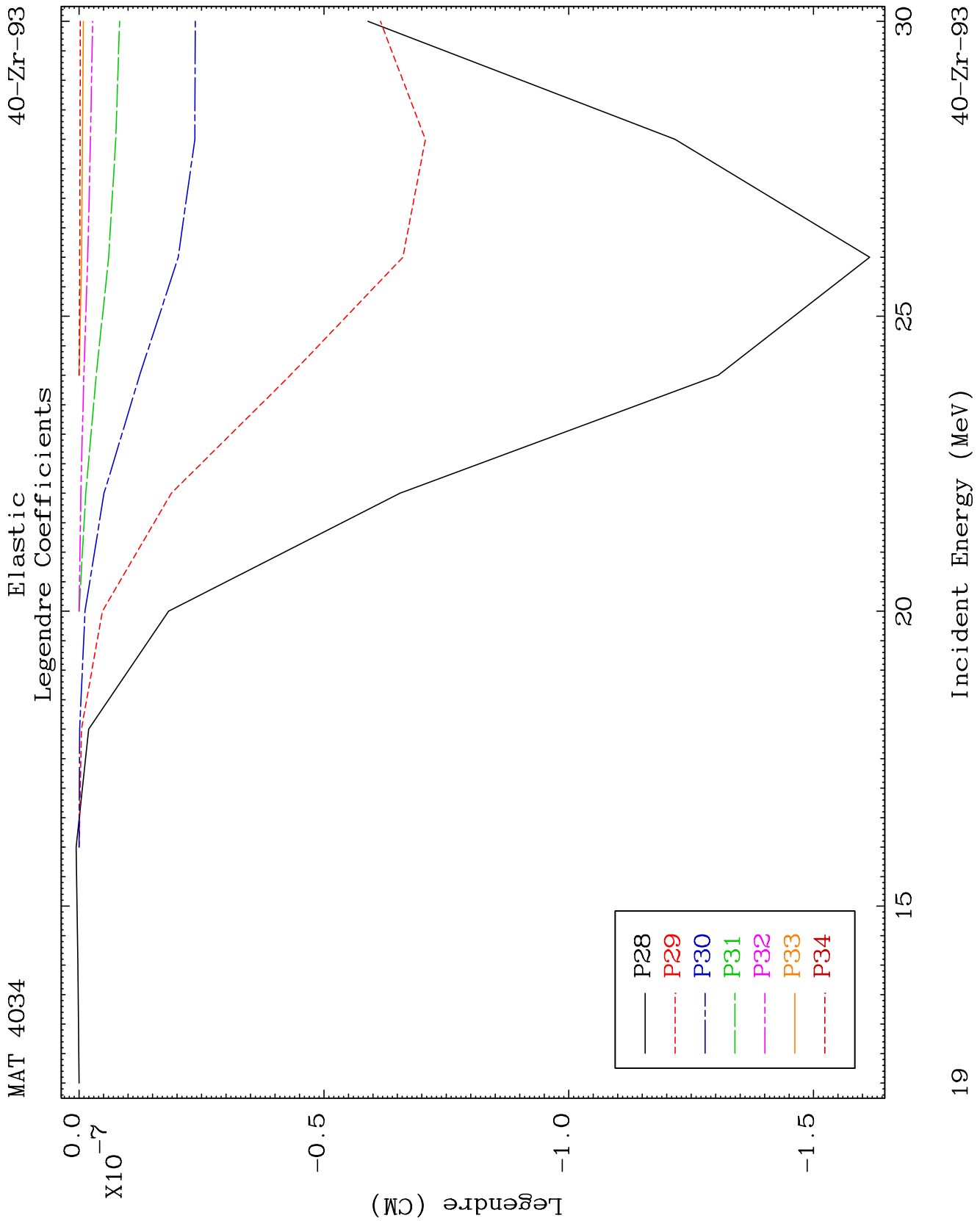
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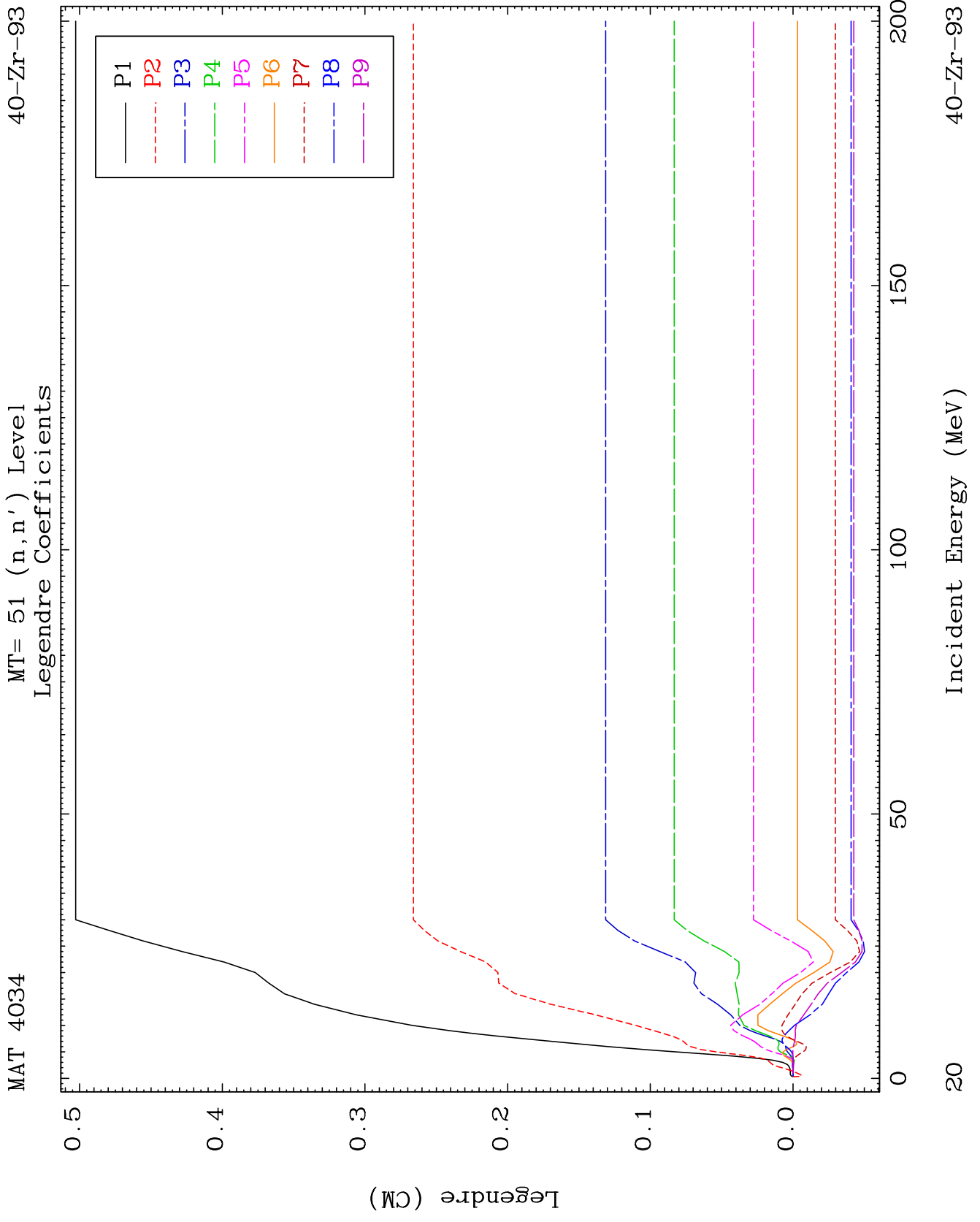


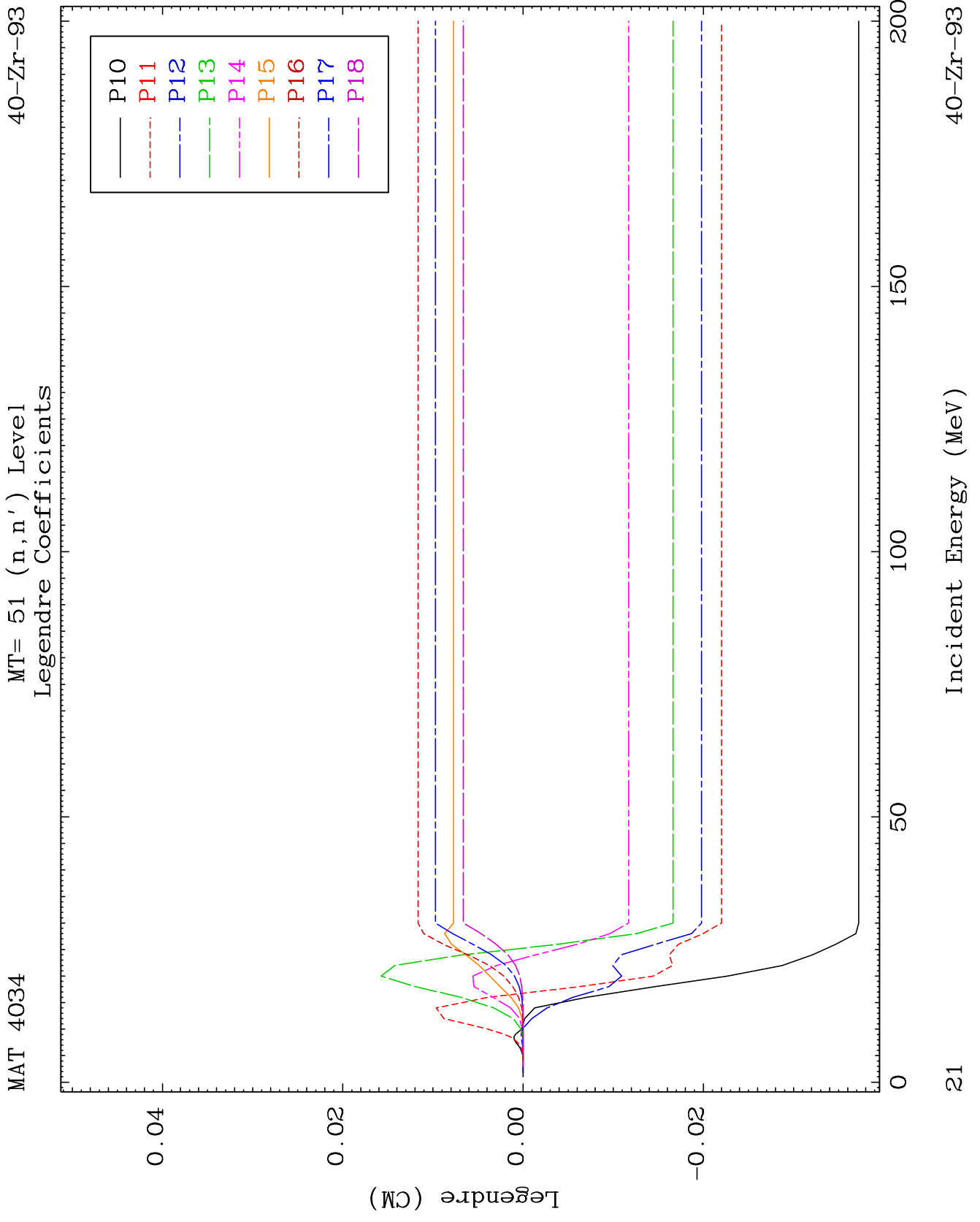
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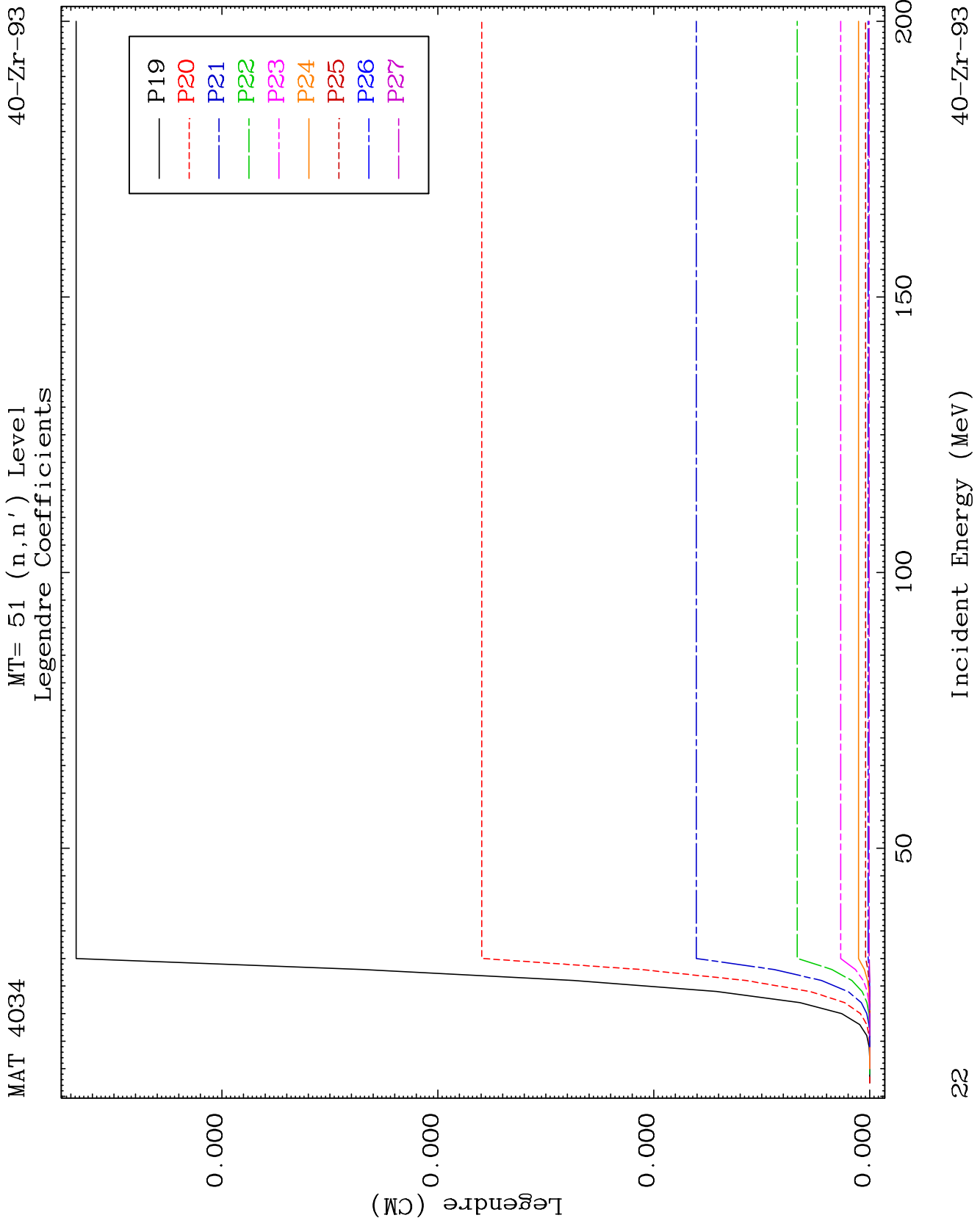
Incident Energy (MeV)

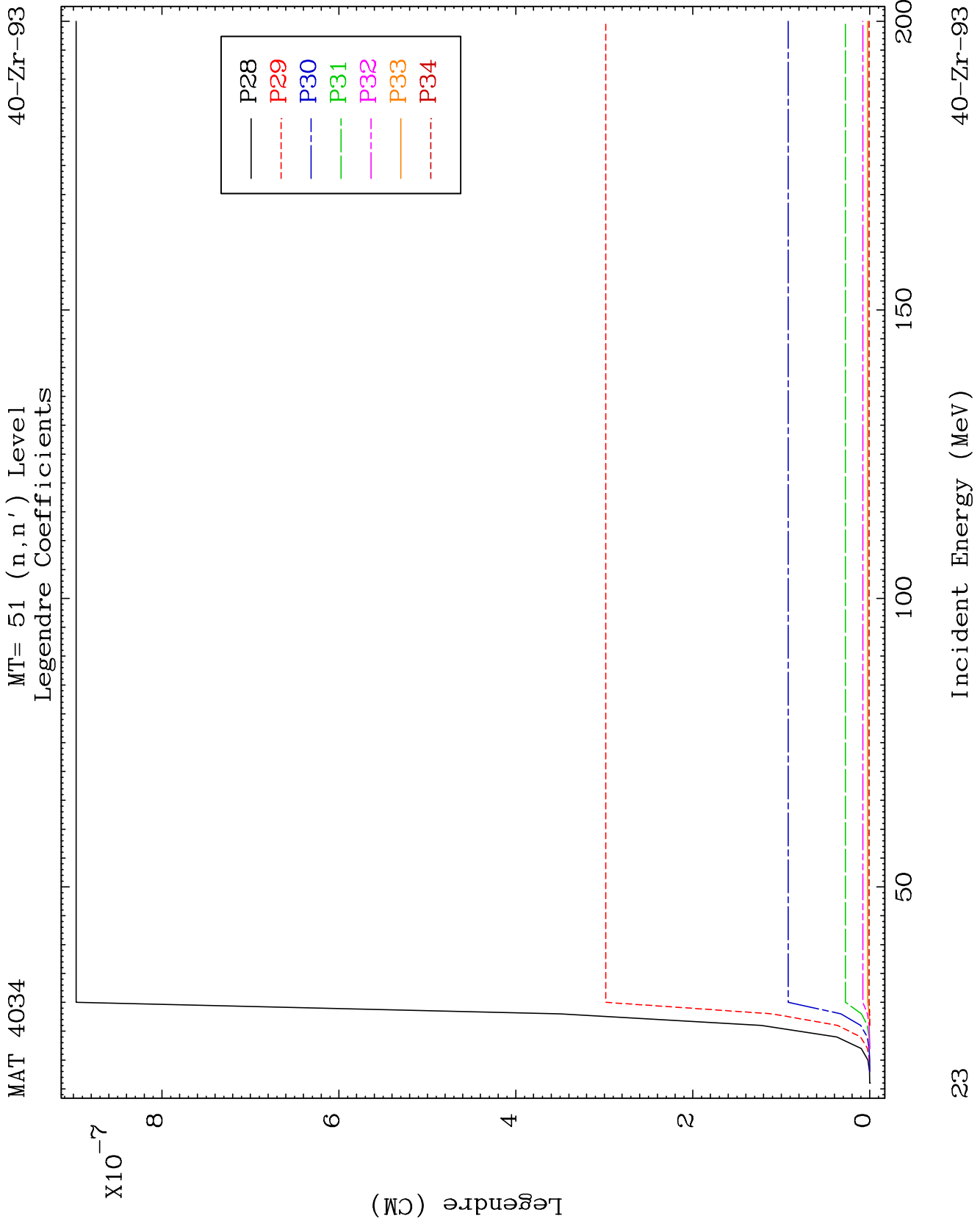
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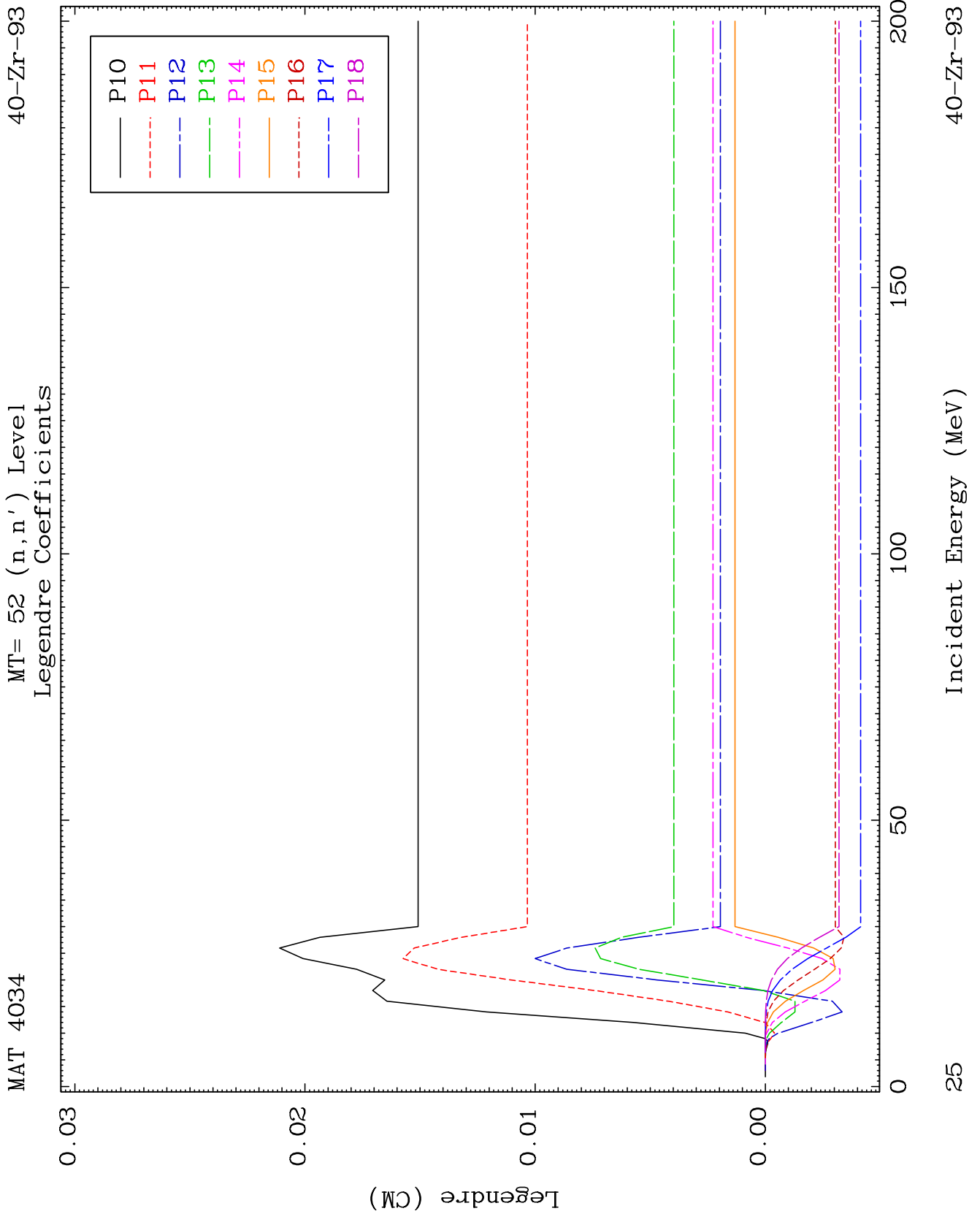


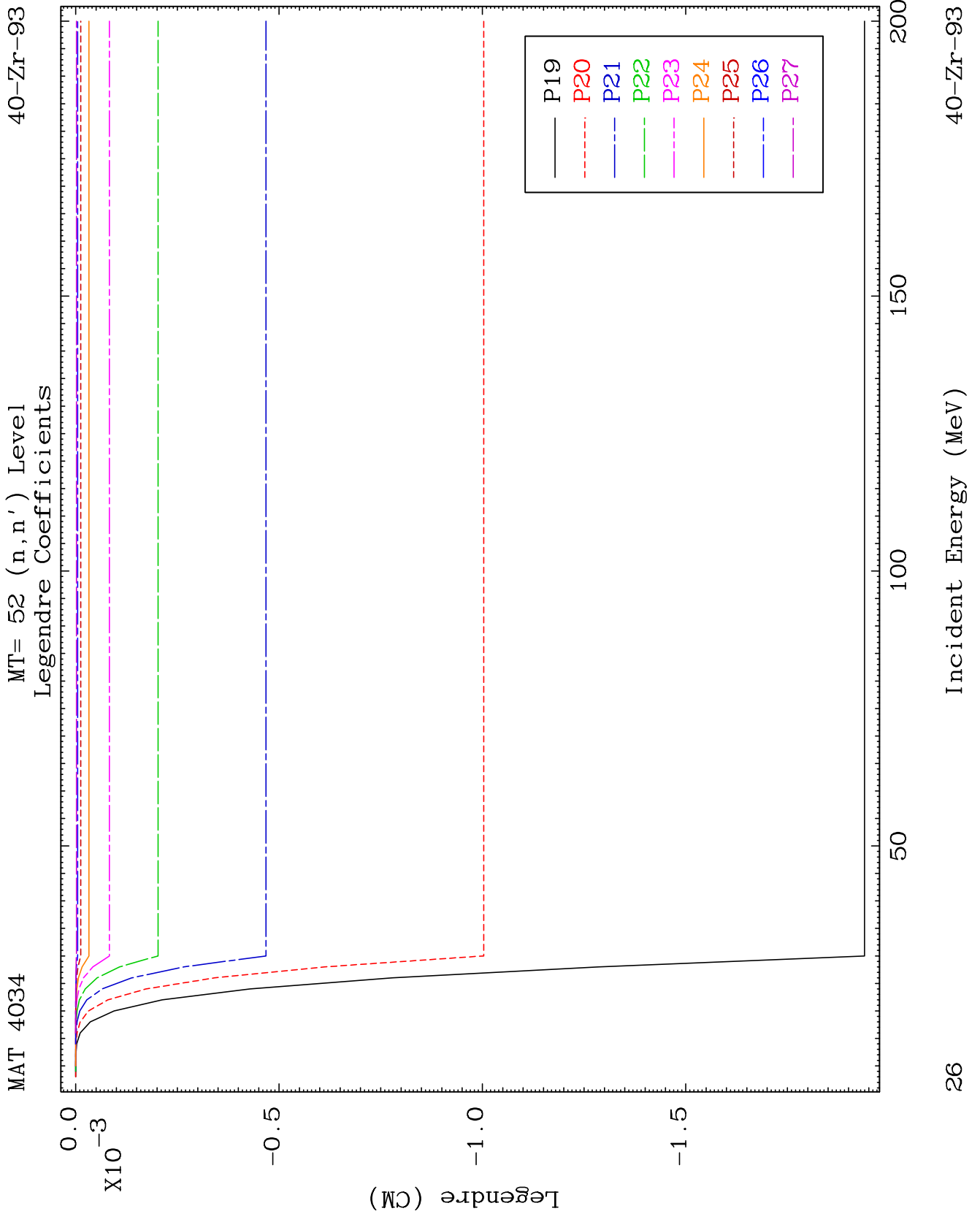


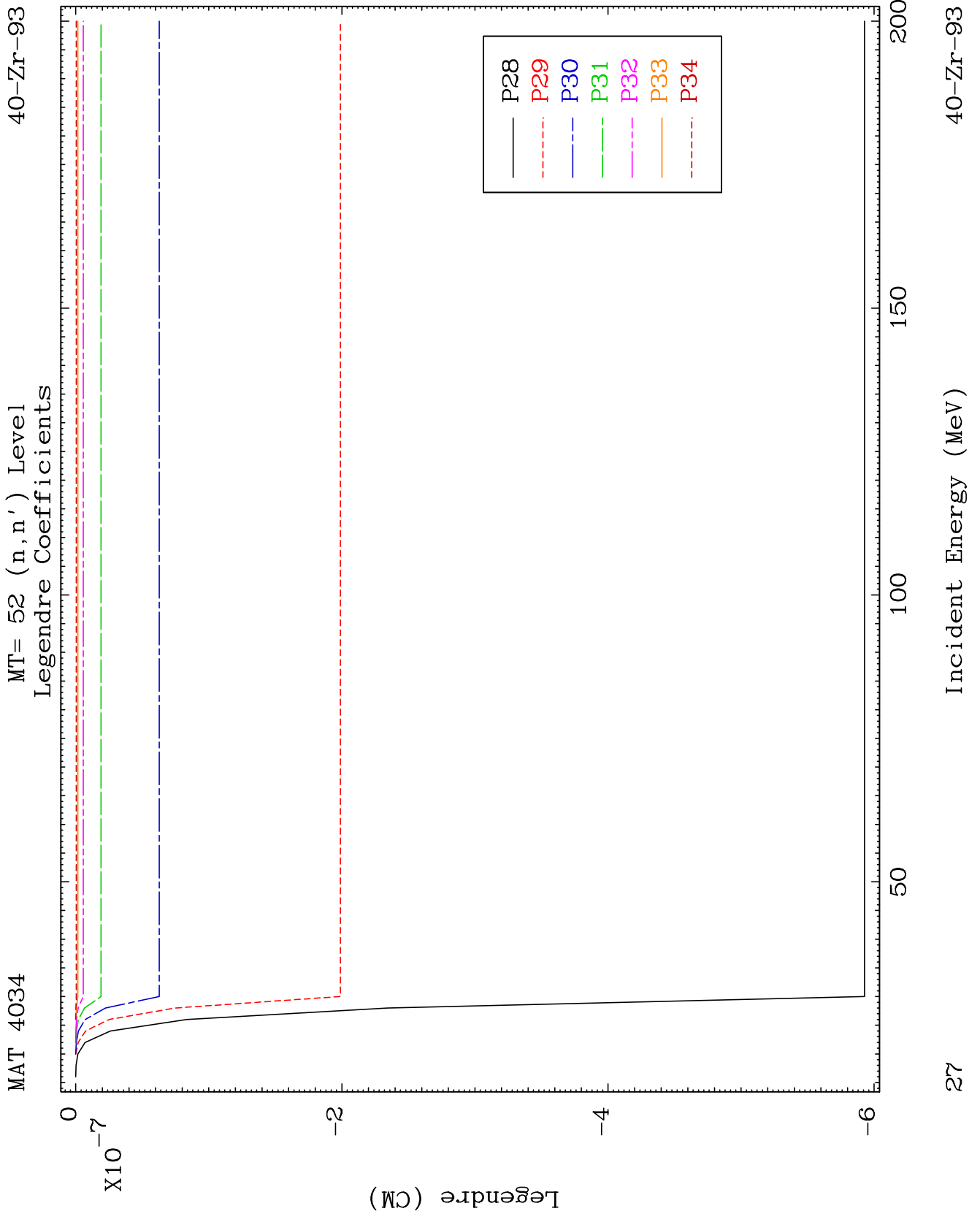


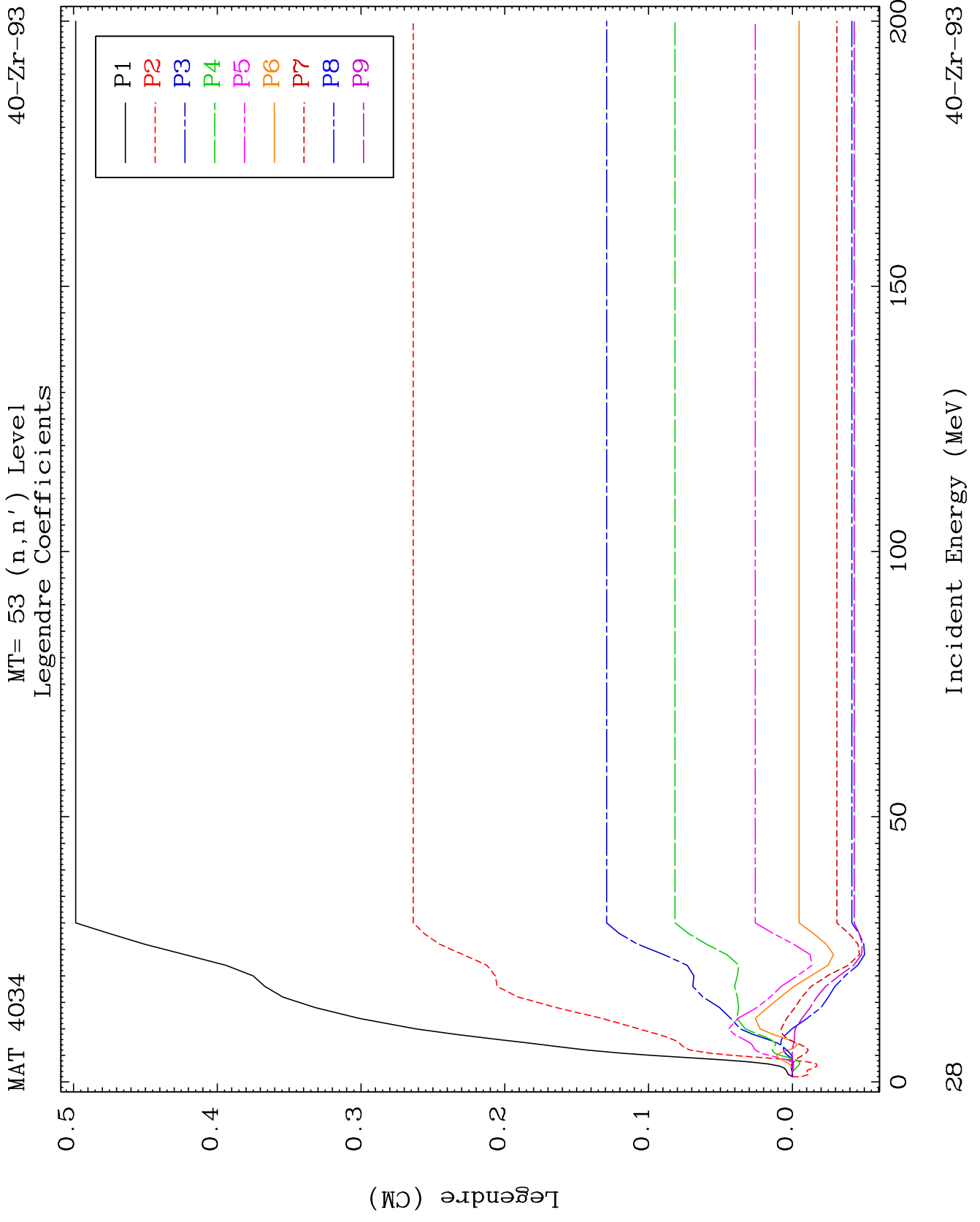








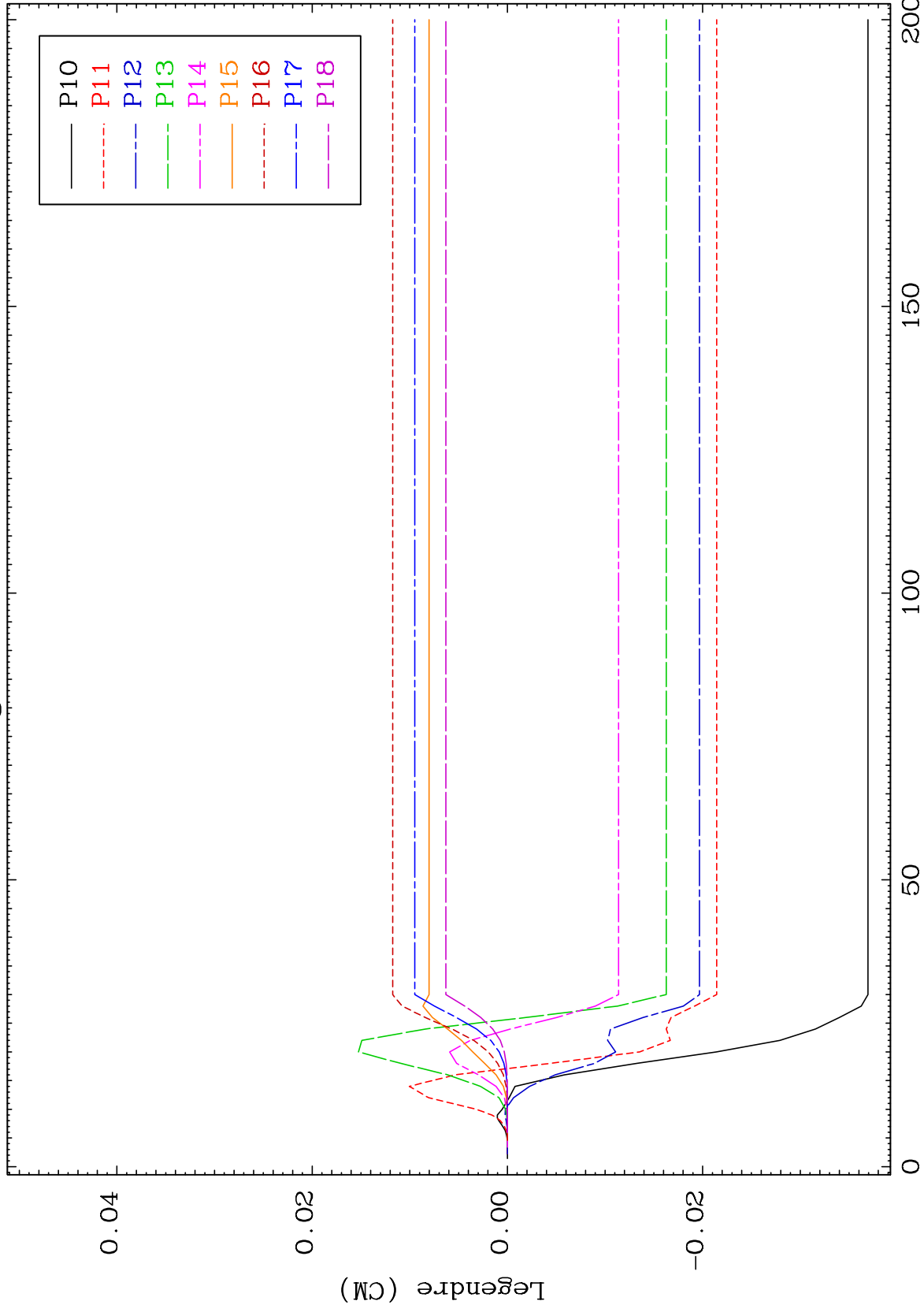




MAT 4034

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

40-Zr-93



29

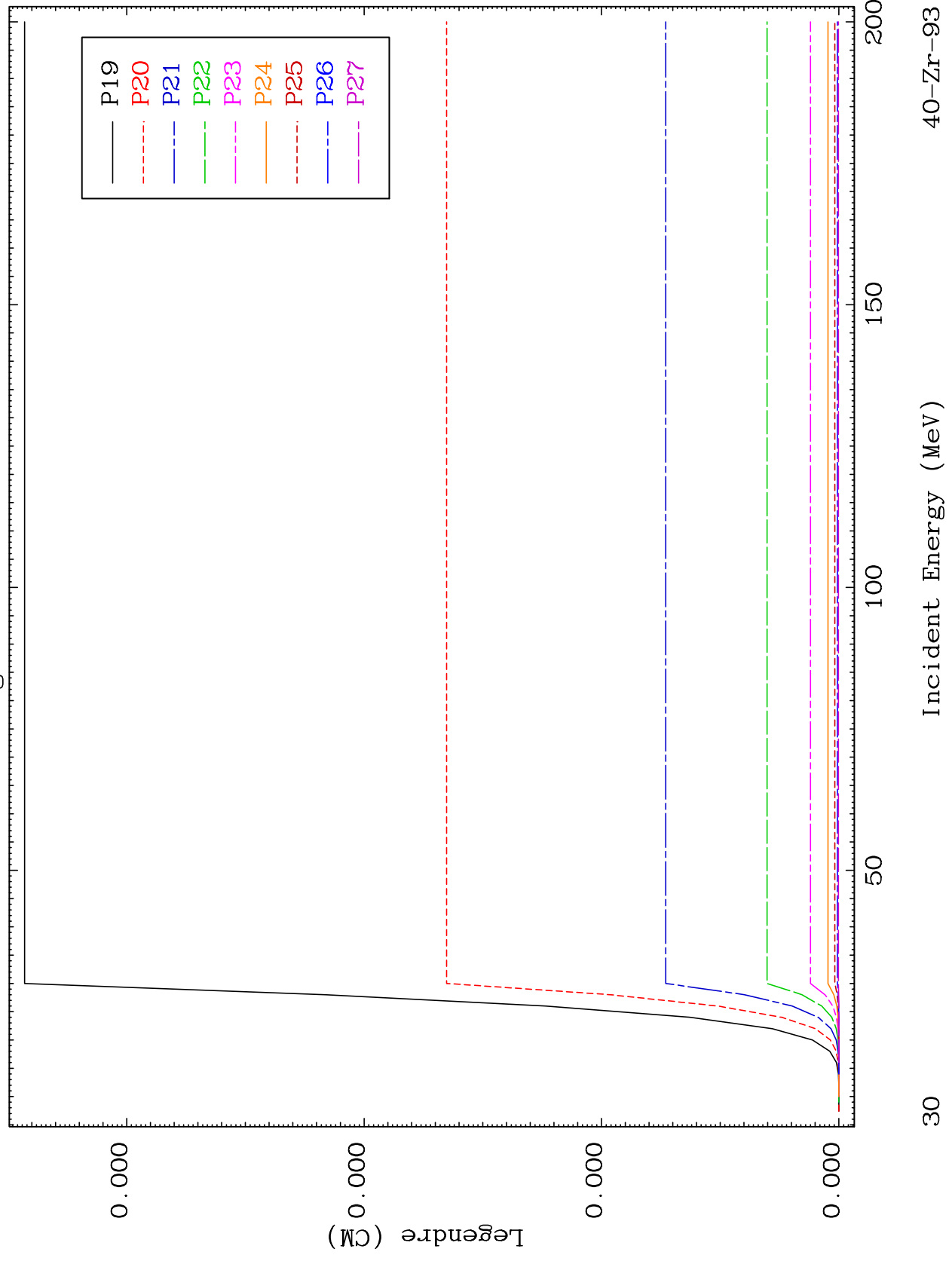
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



30

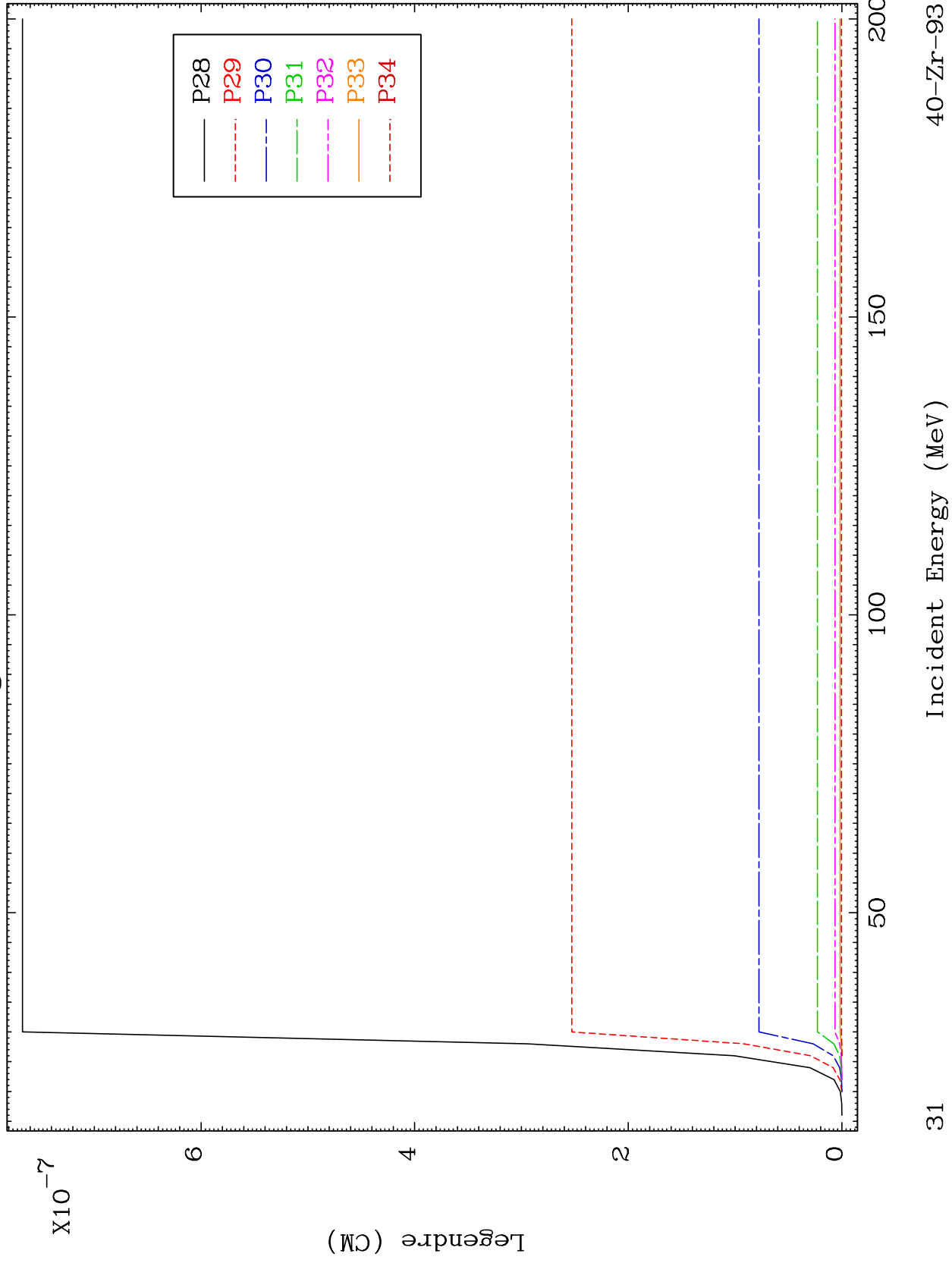
Incident Energy (MeV)

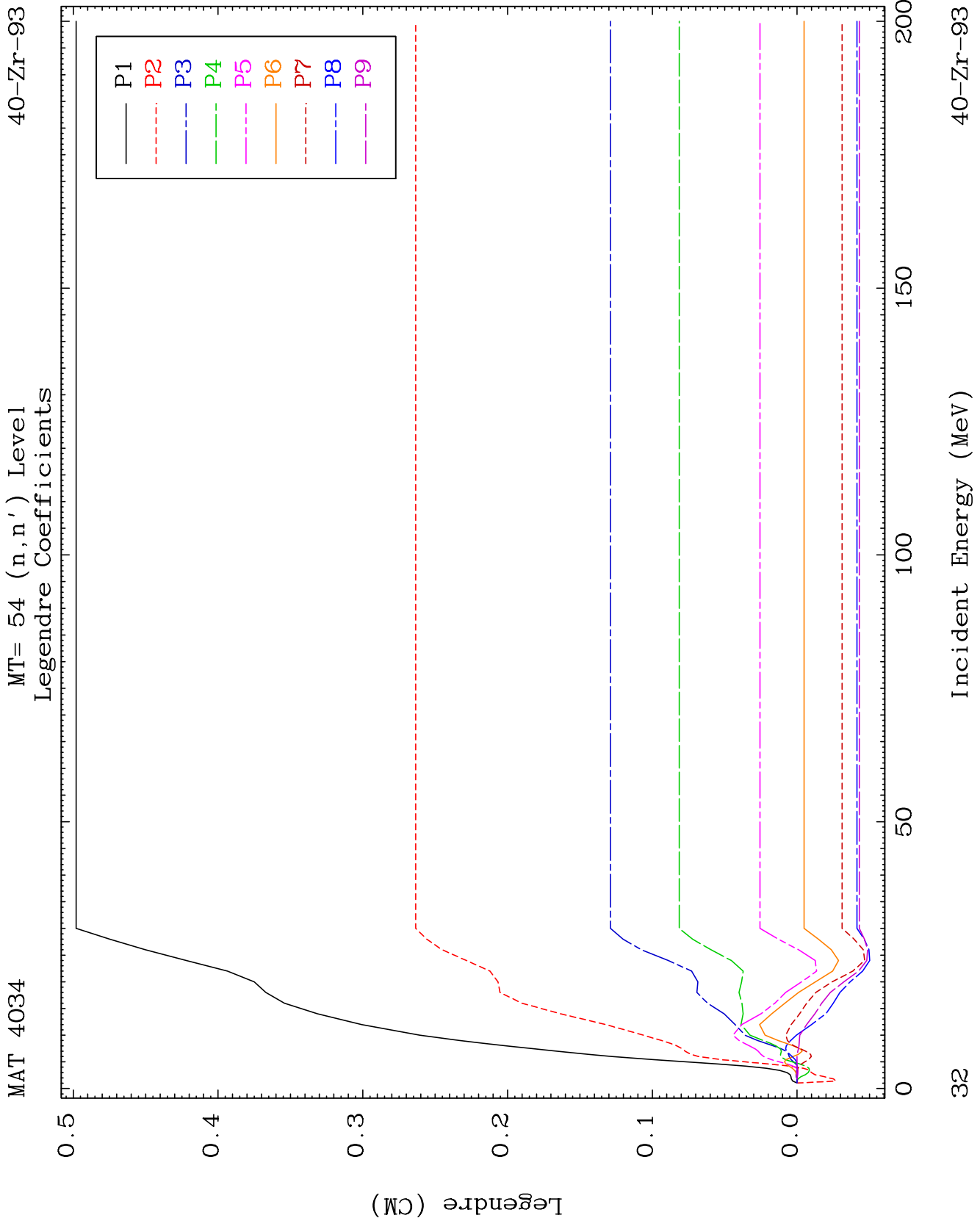
40-Zr-93

MAT 4034

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

40-Zr-93

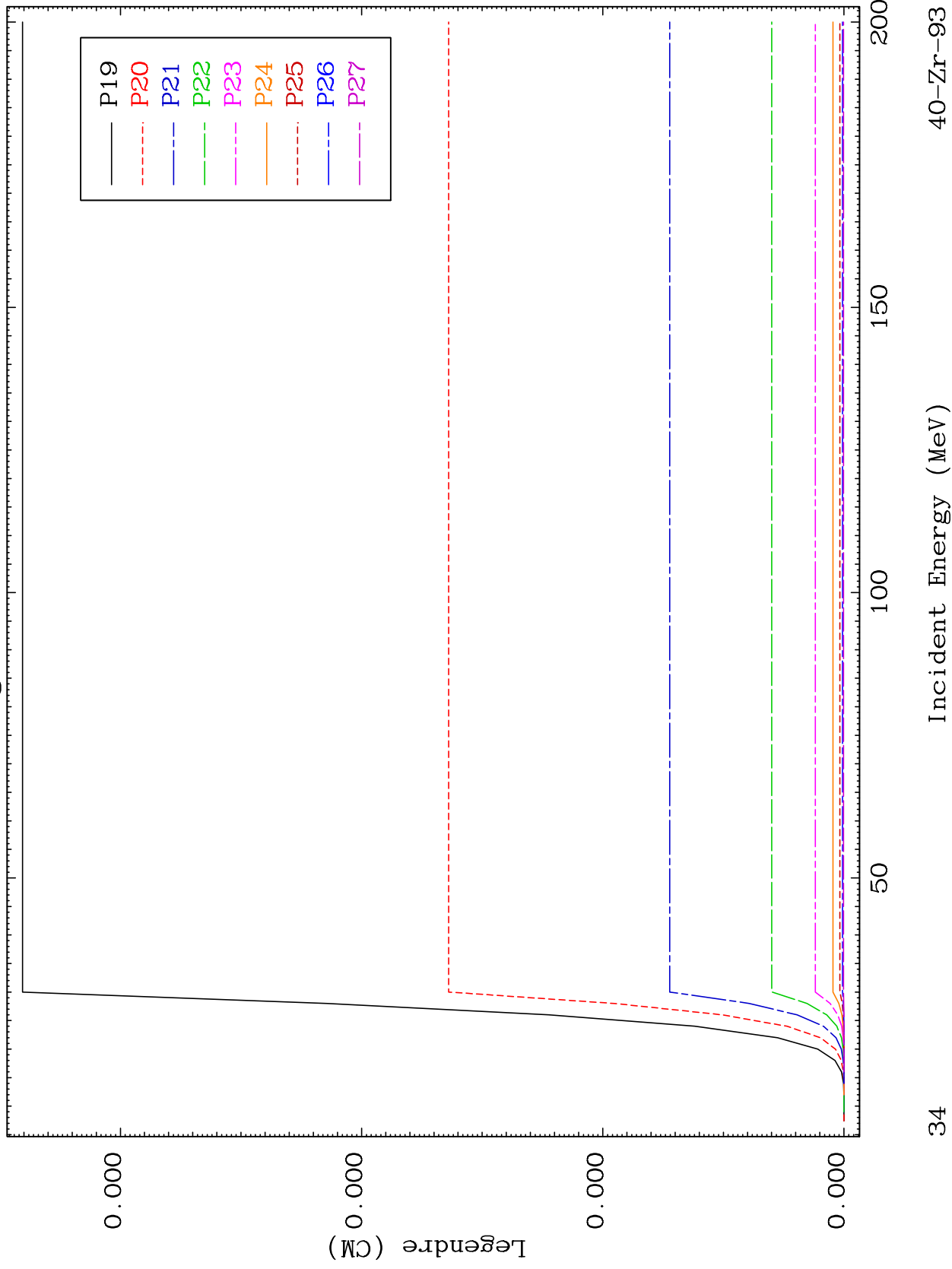




MAT 4034

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

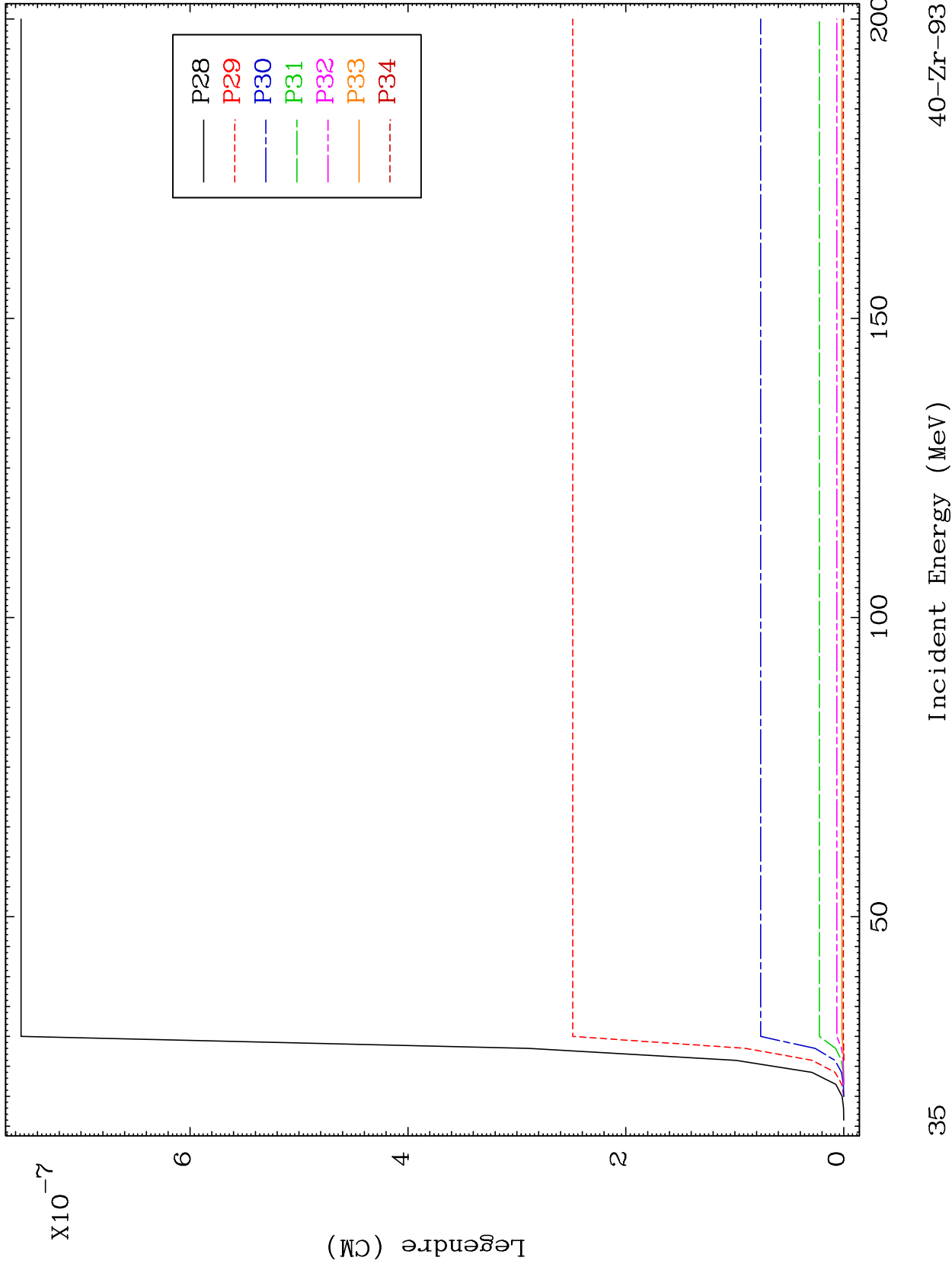
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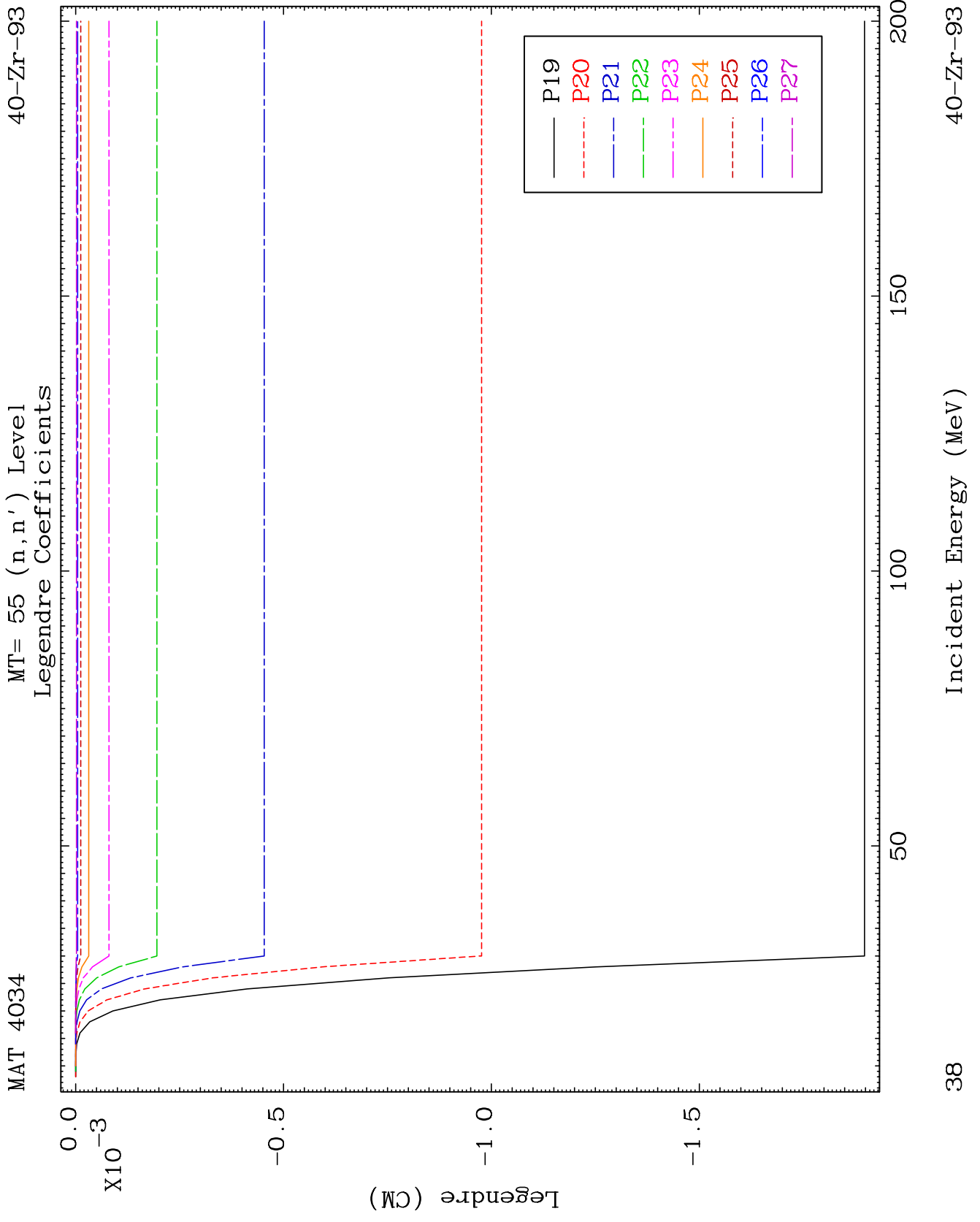


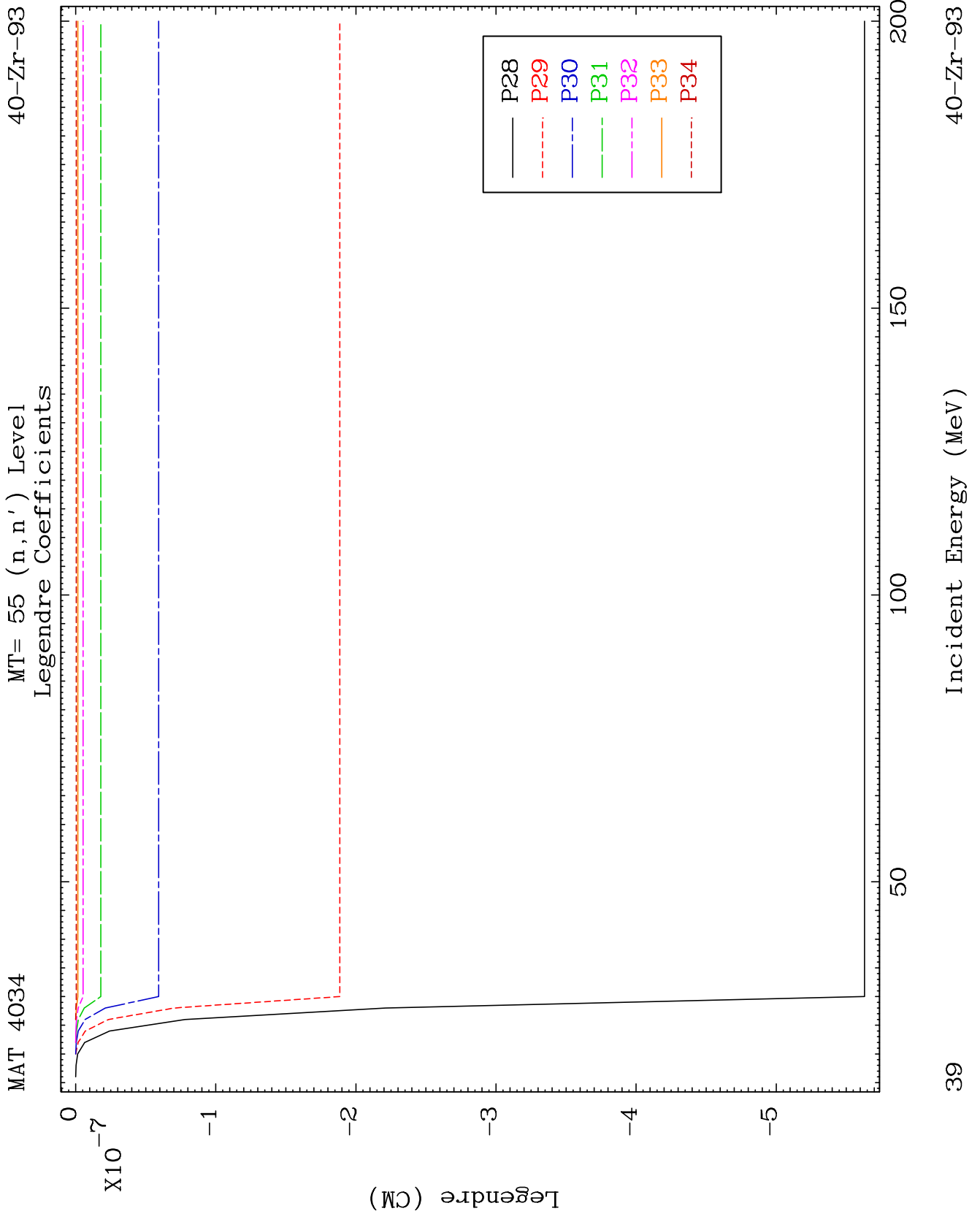
MAT 4034

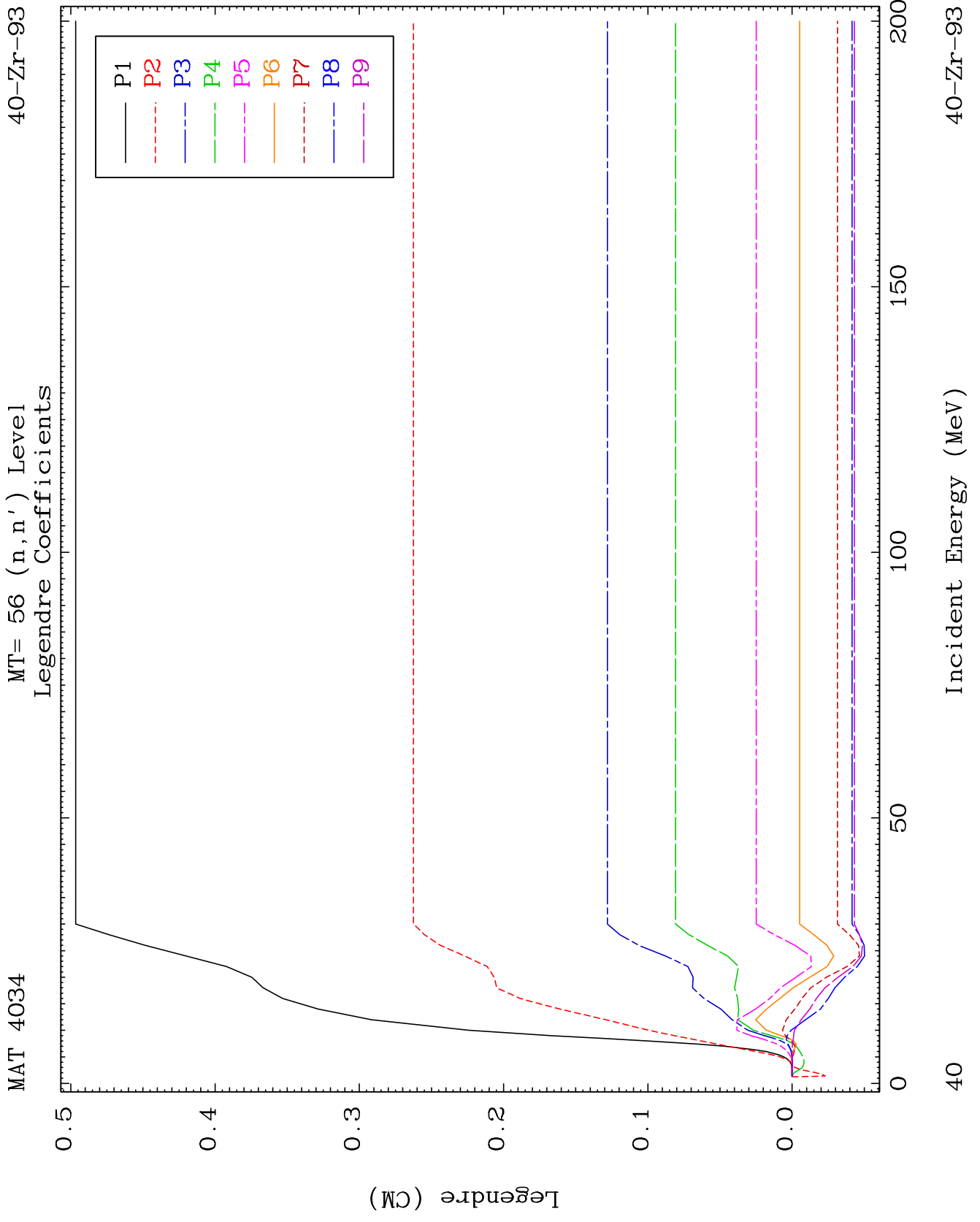
MT= 54 (n,n') Level
Legendre Coefficients

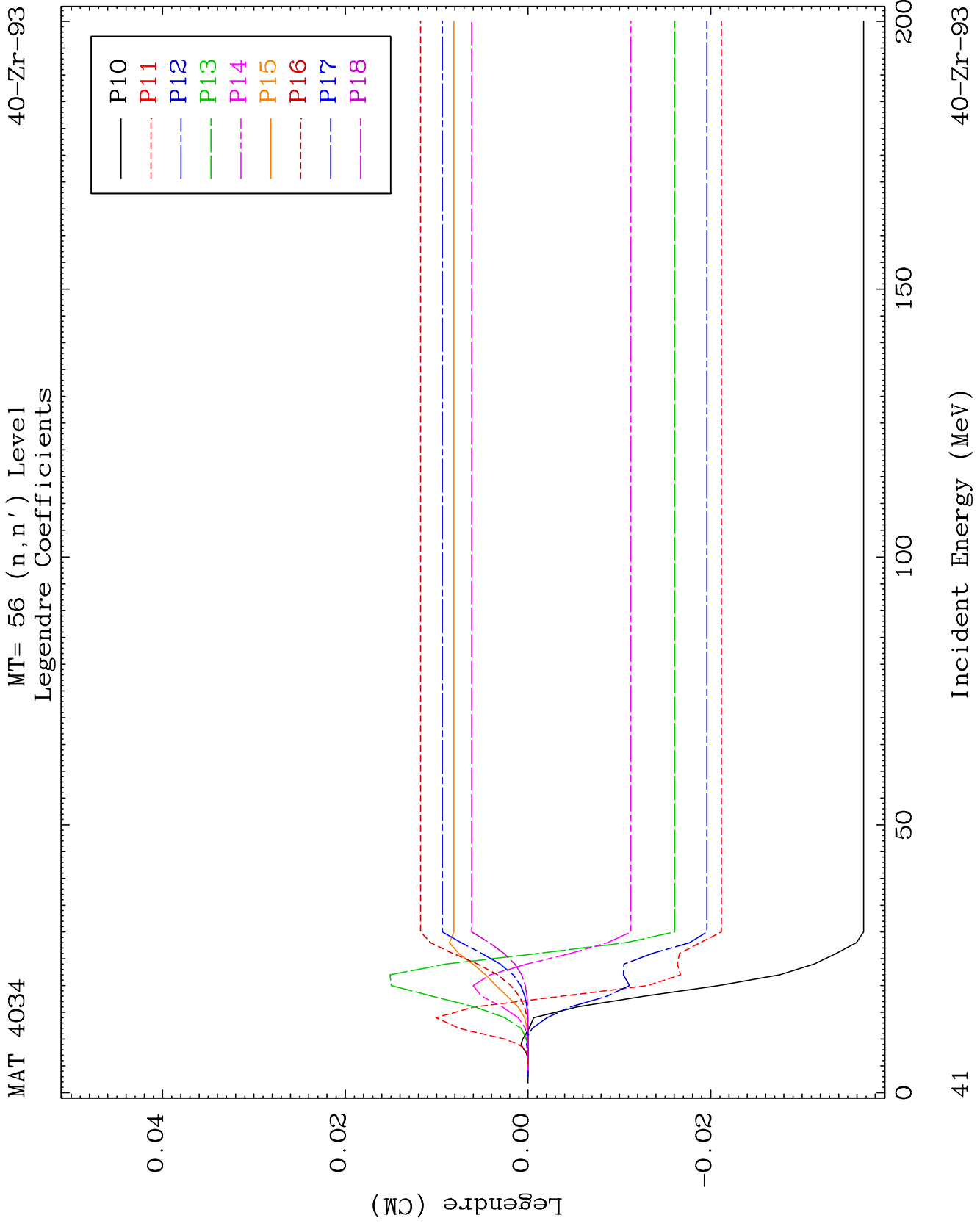
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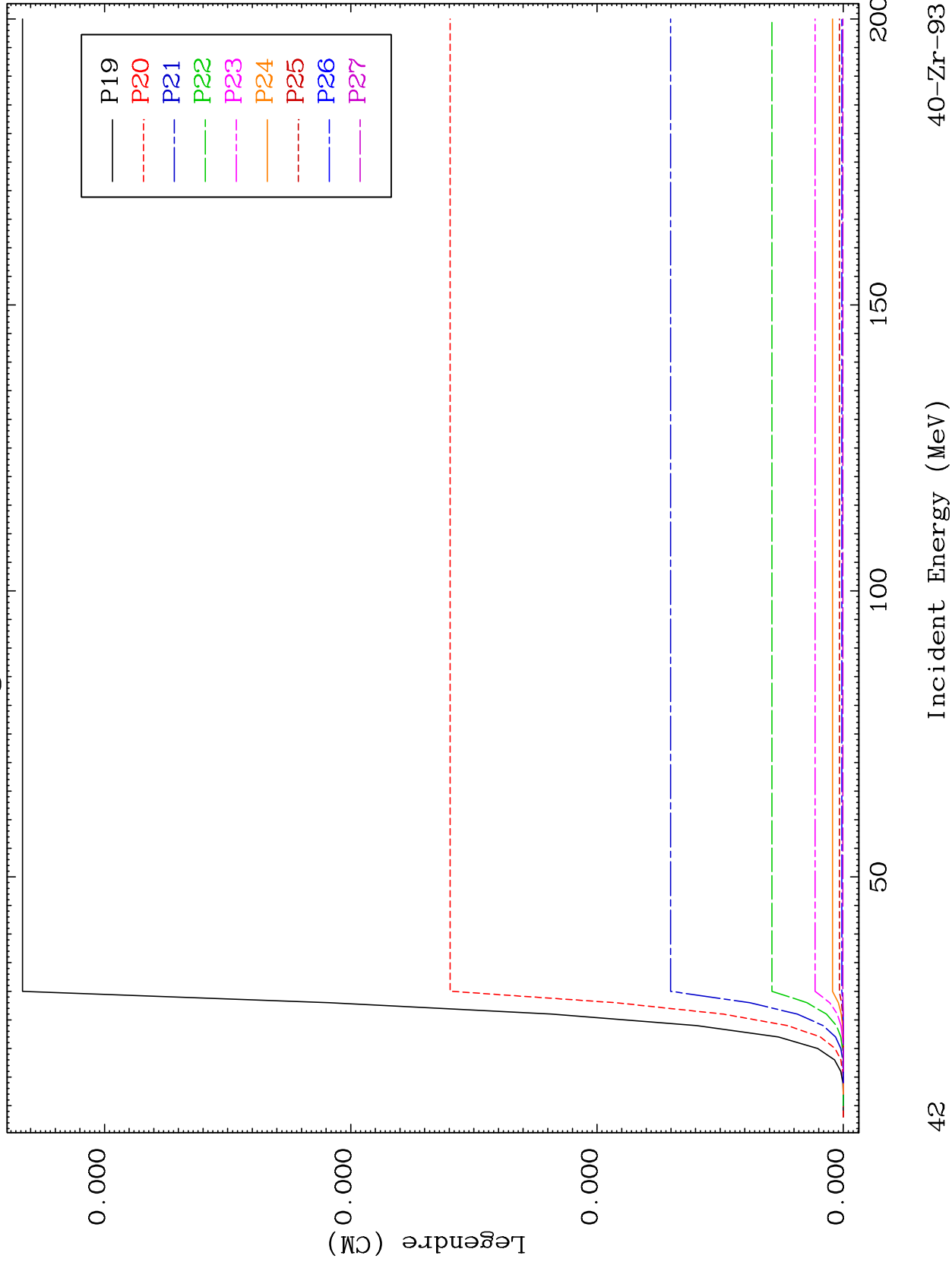




MAT 4034

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

40-Zr-93

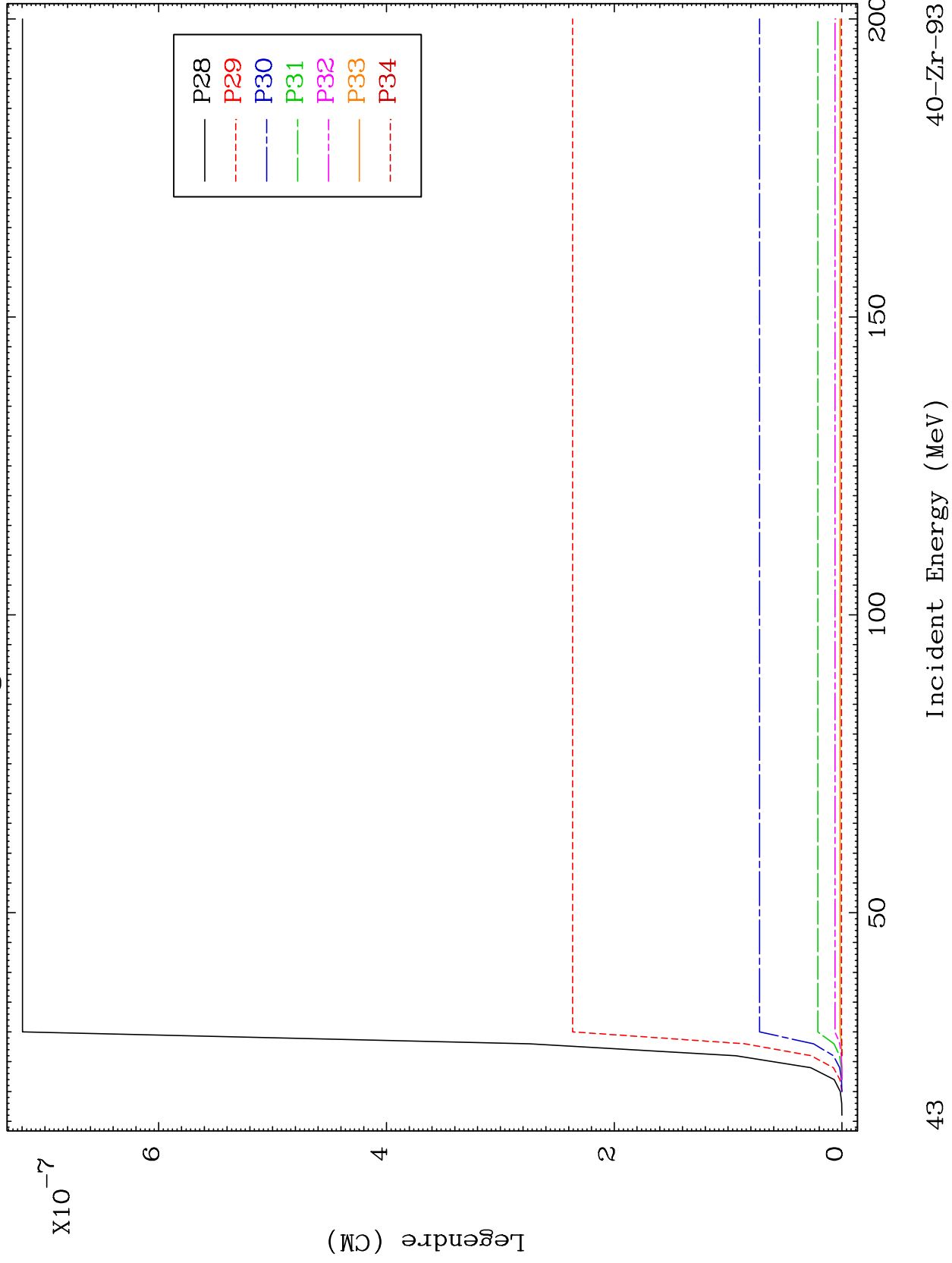


42

MAT 4034

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

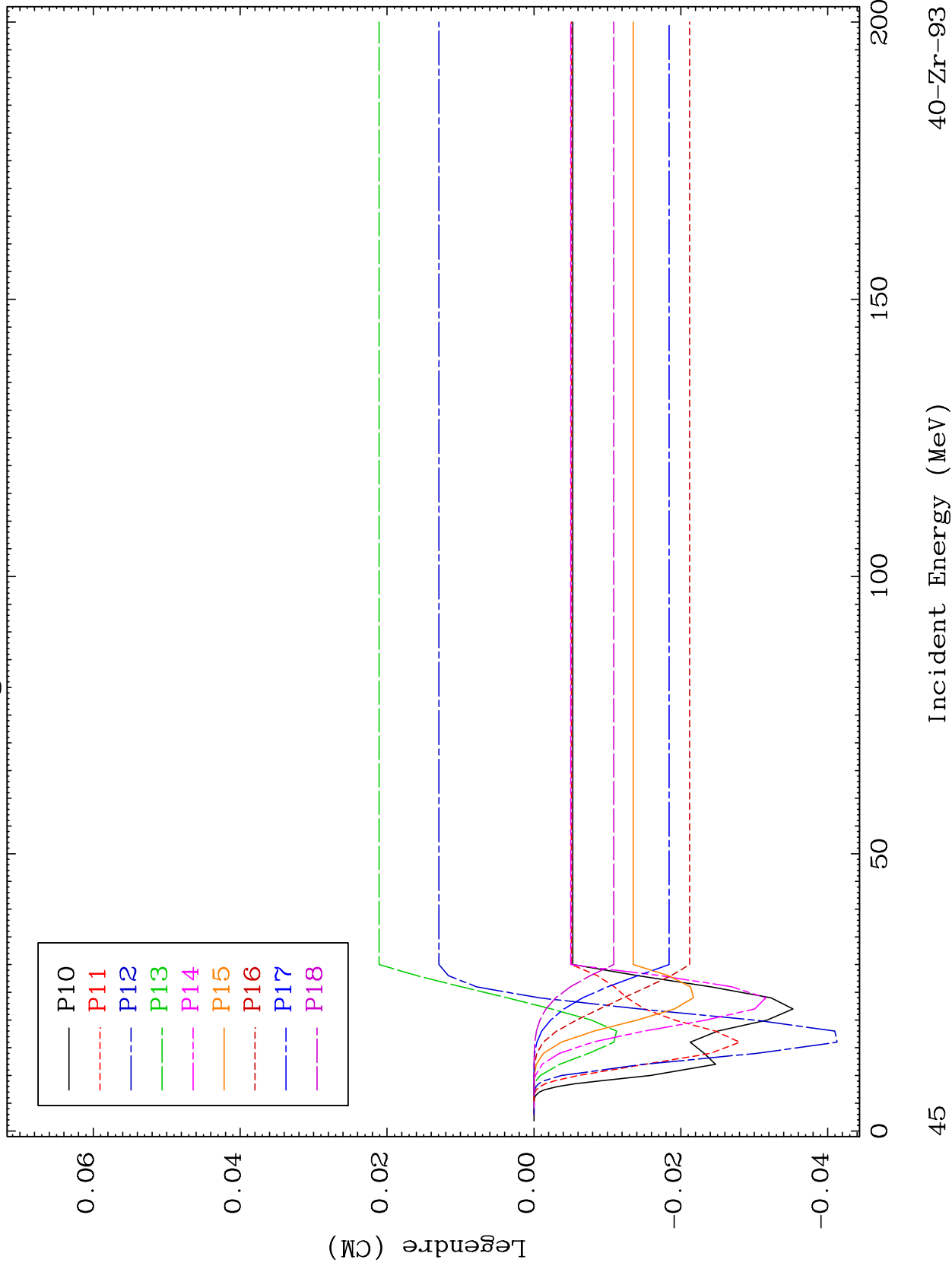
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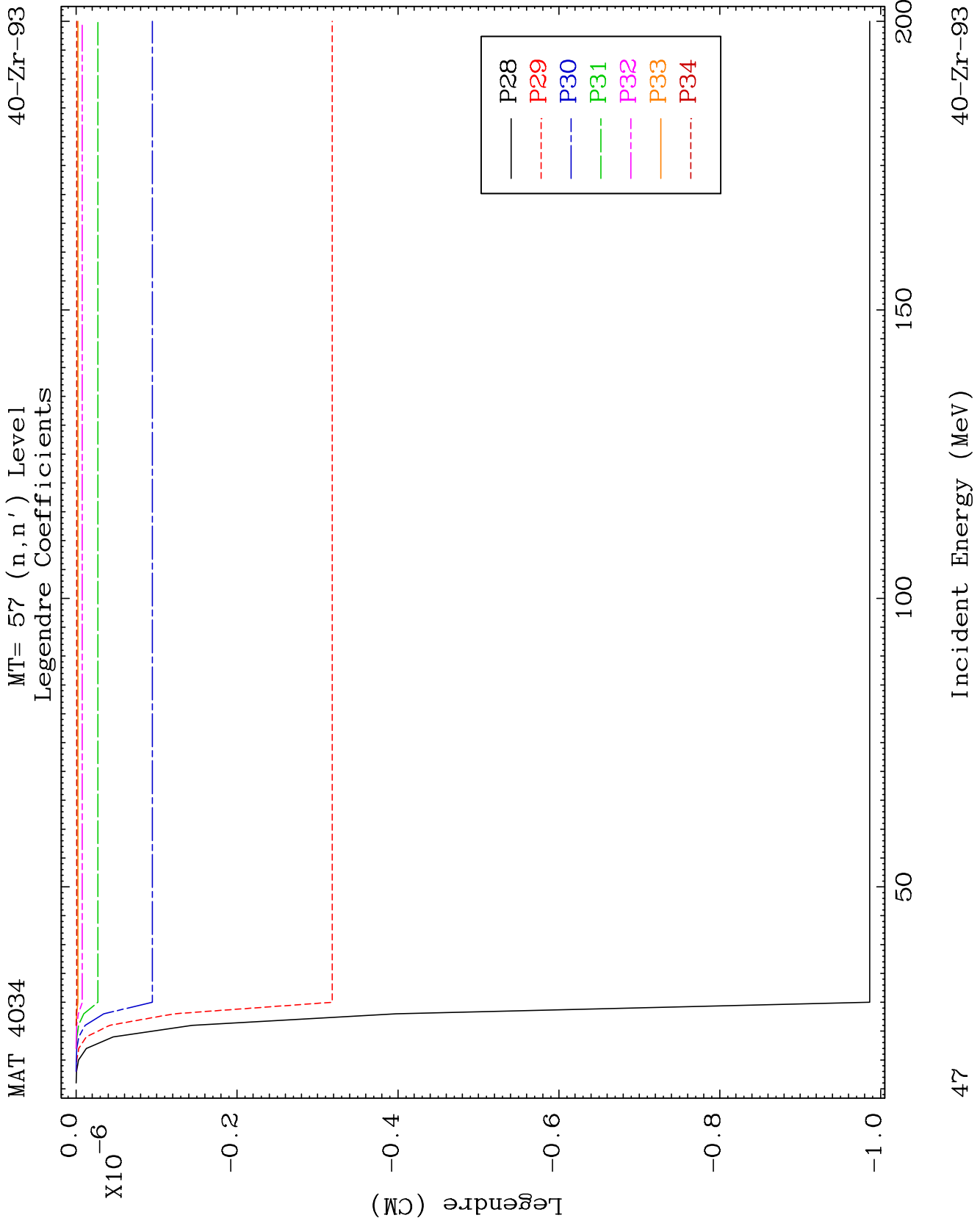


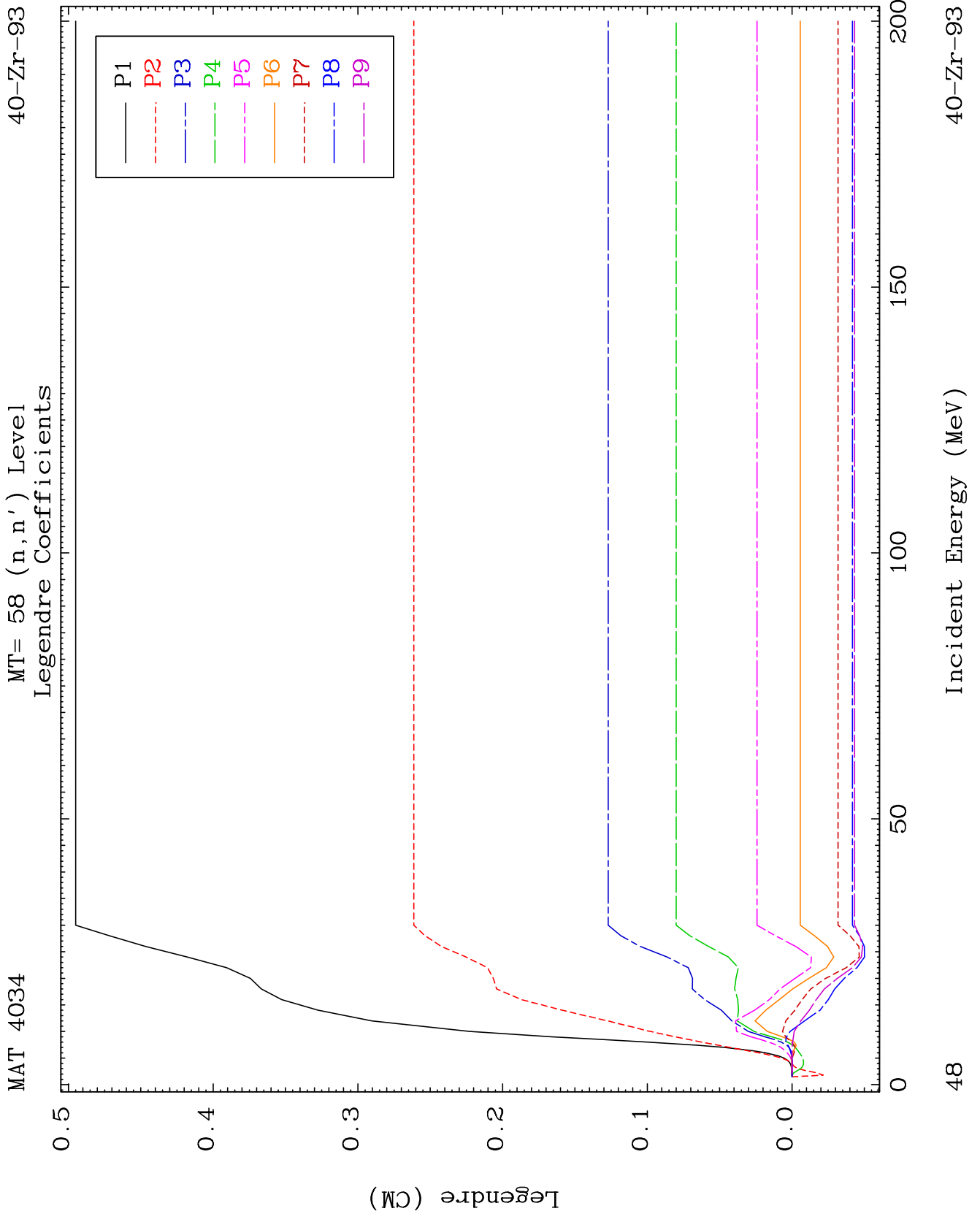
MAT 4034

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

40-Zr-93



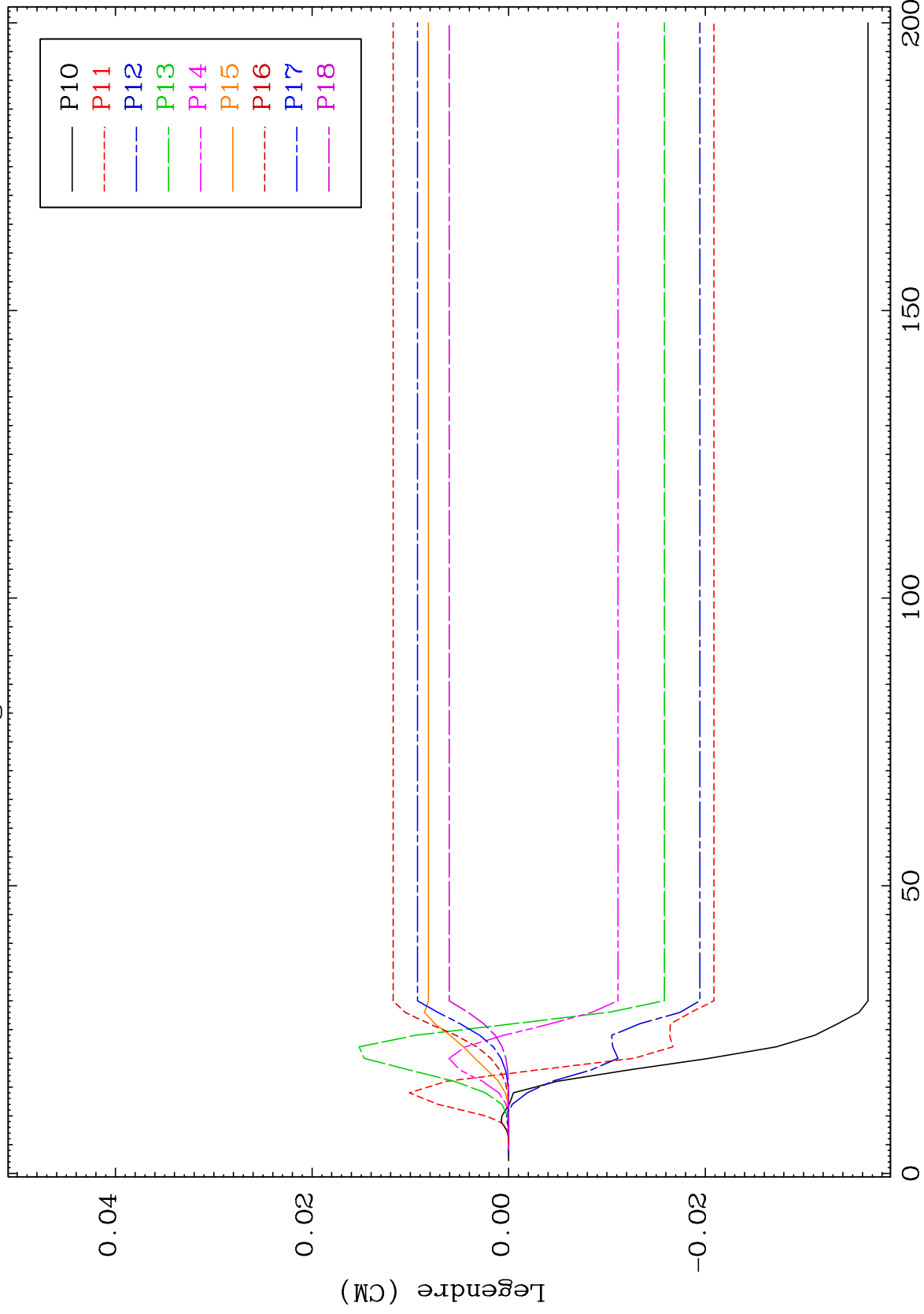




MAT 4034

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

40-Zr-93



49

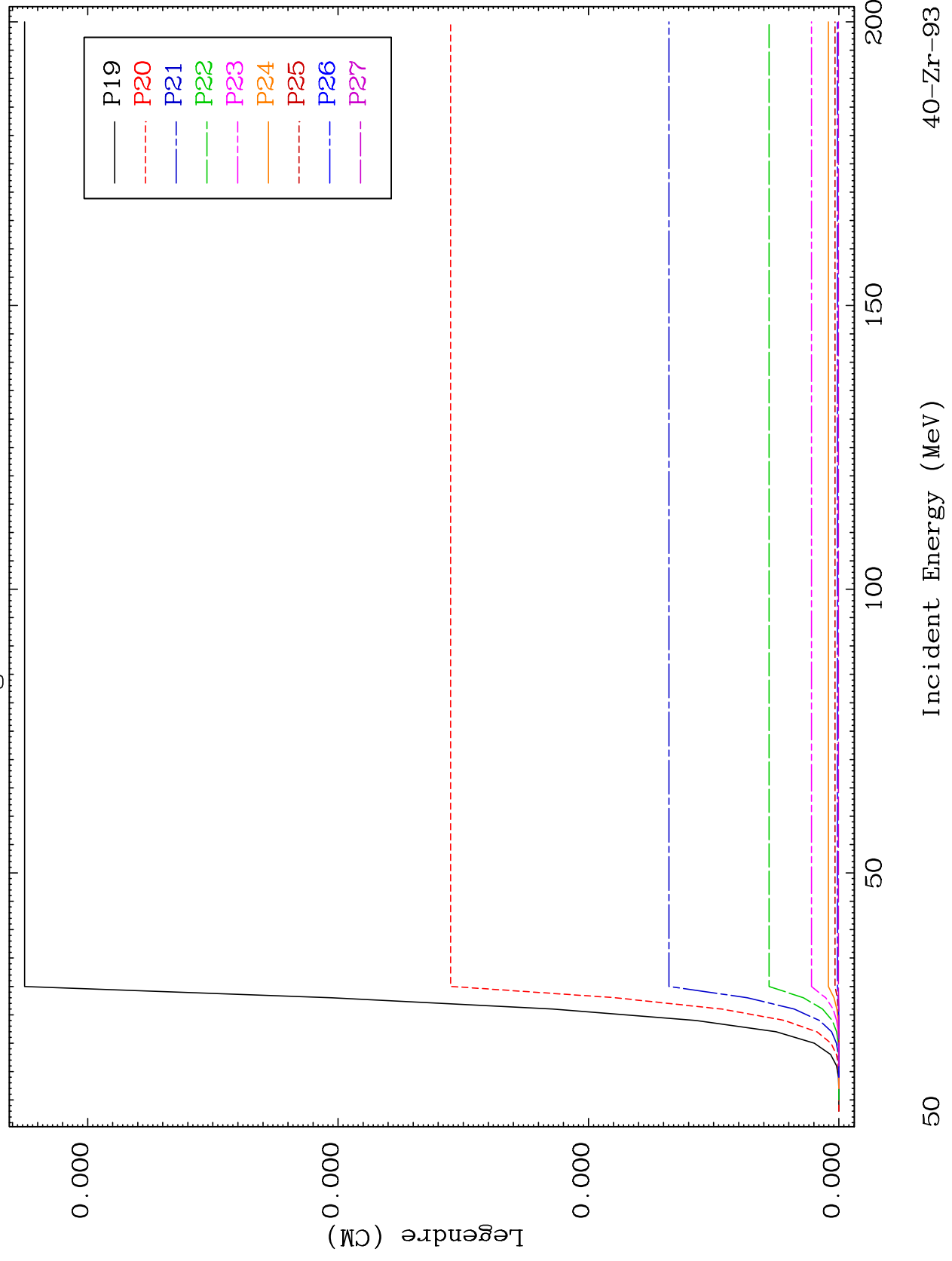
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



50

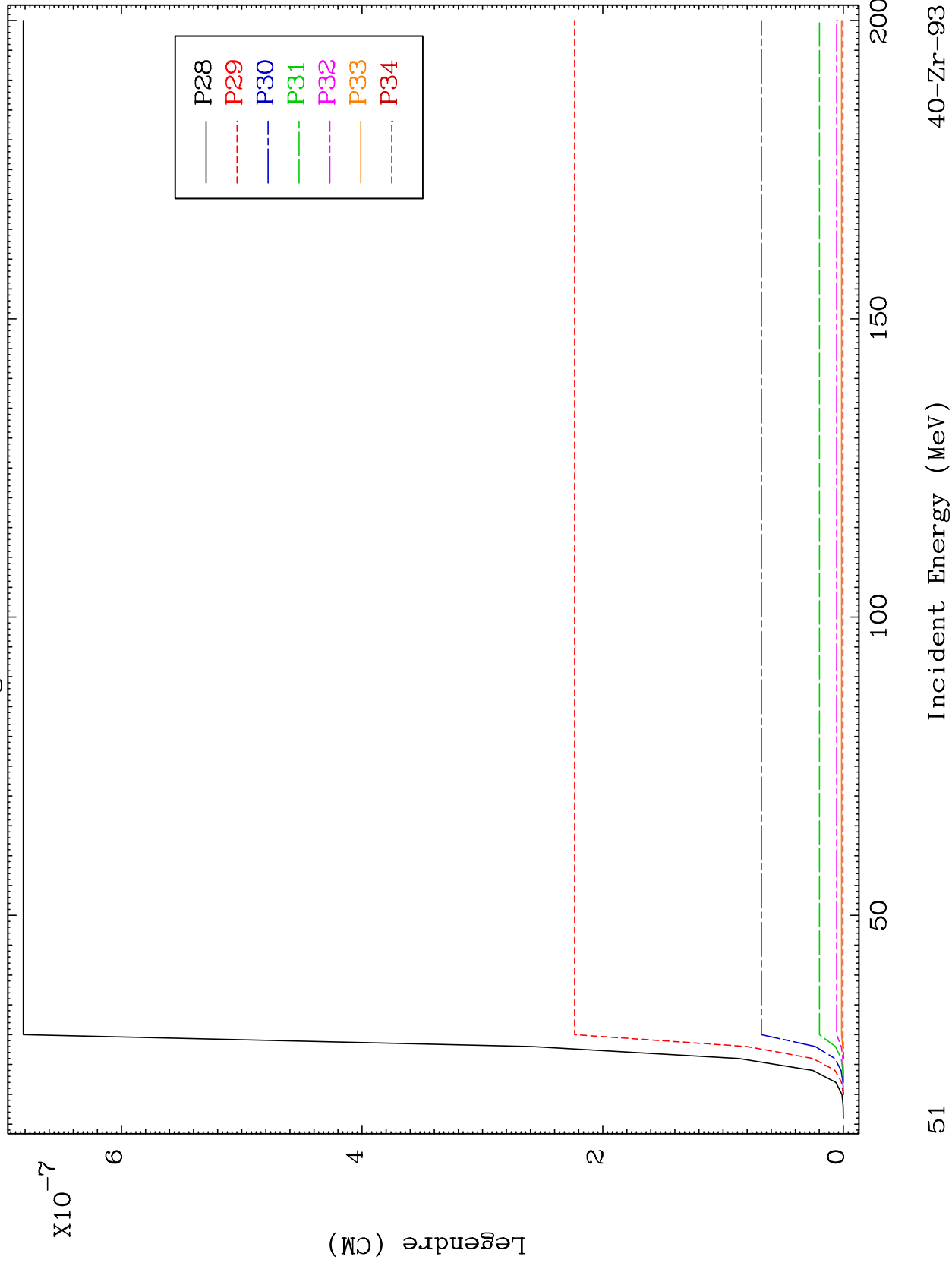
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



51

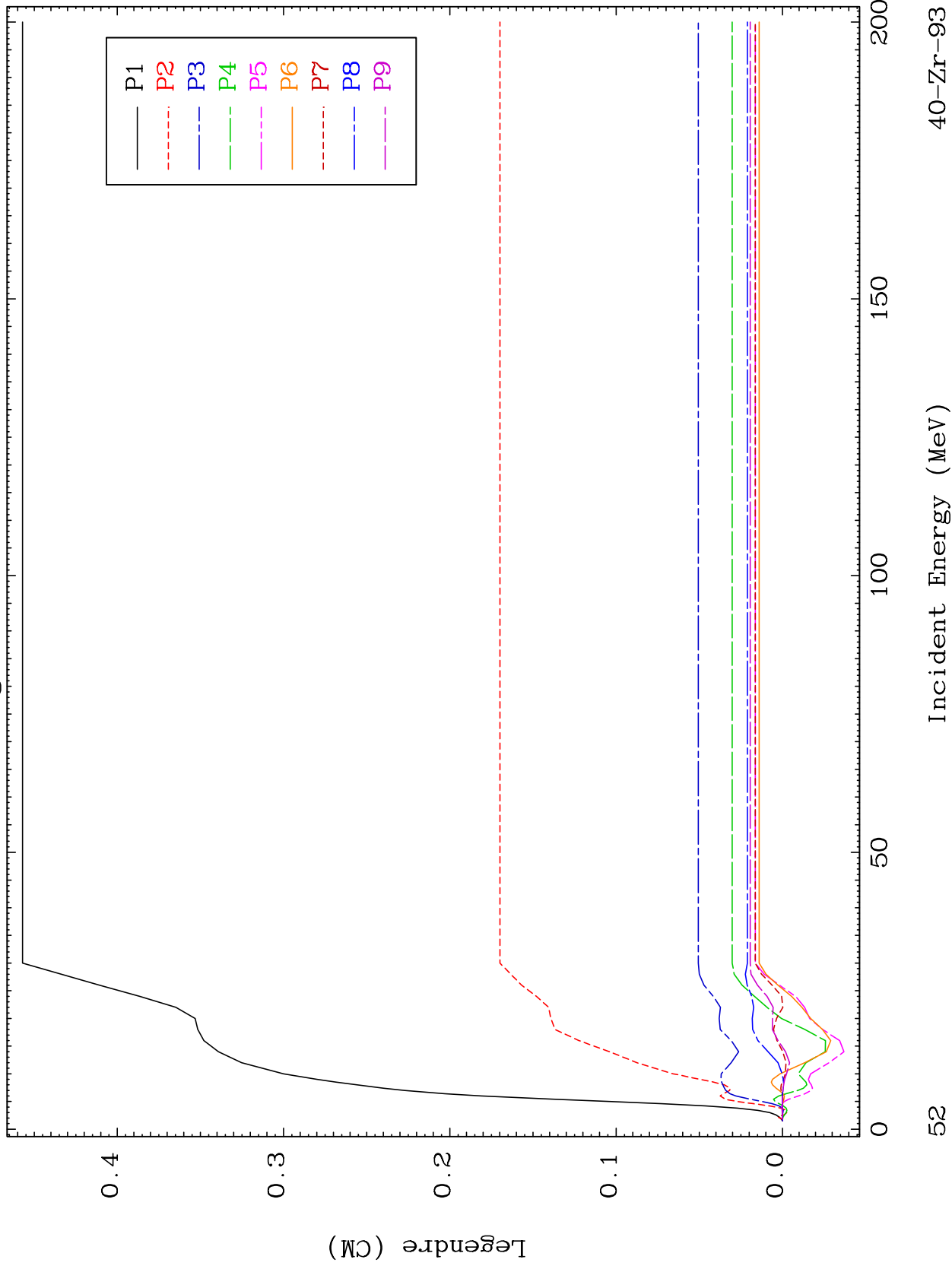
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

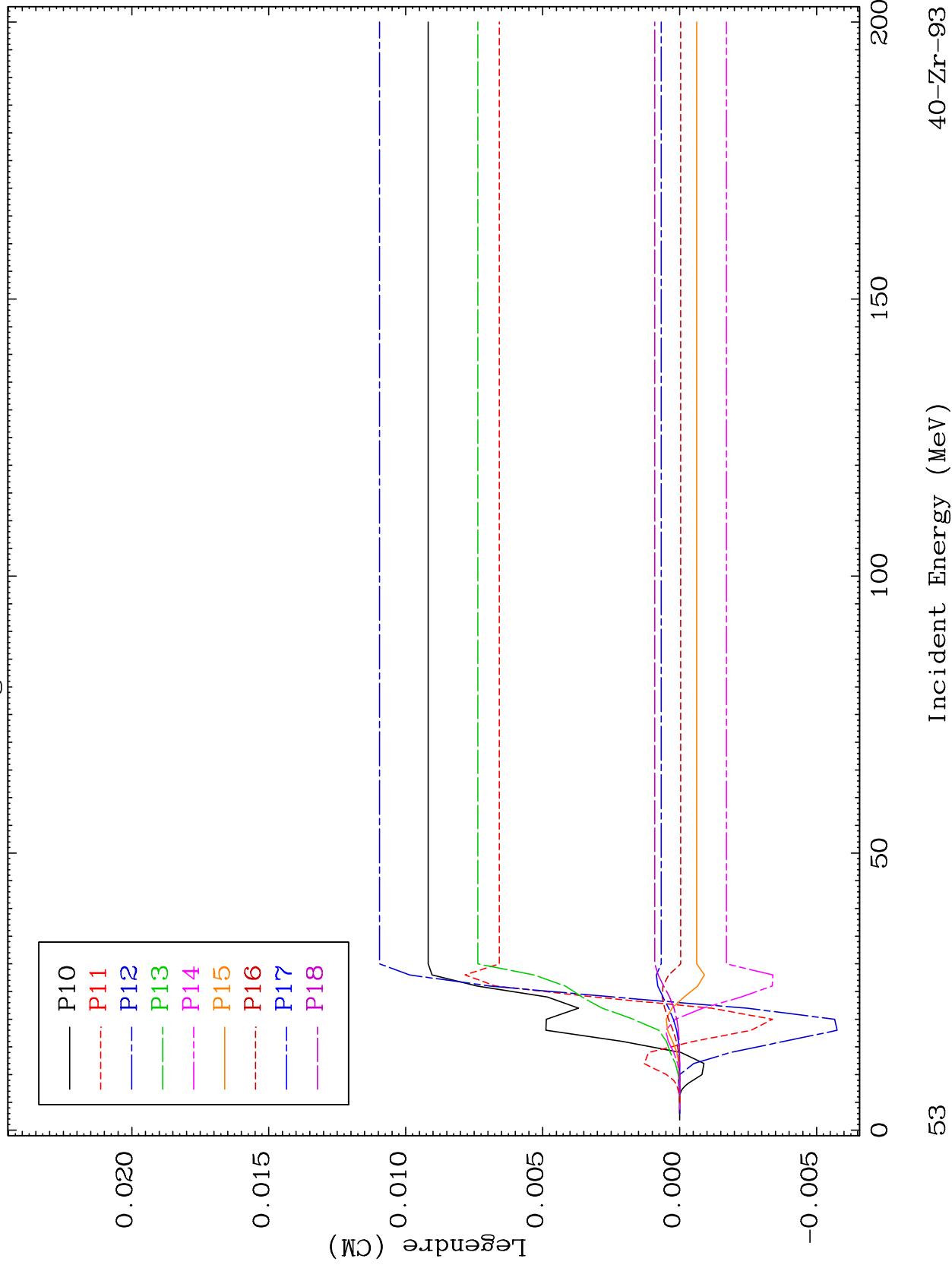
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MAT 4034

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

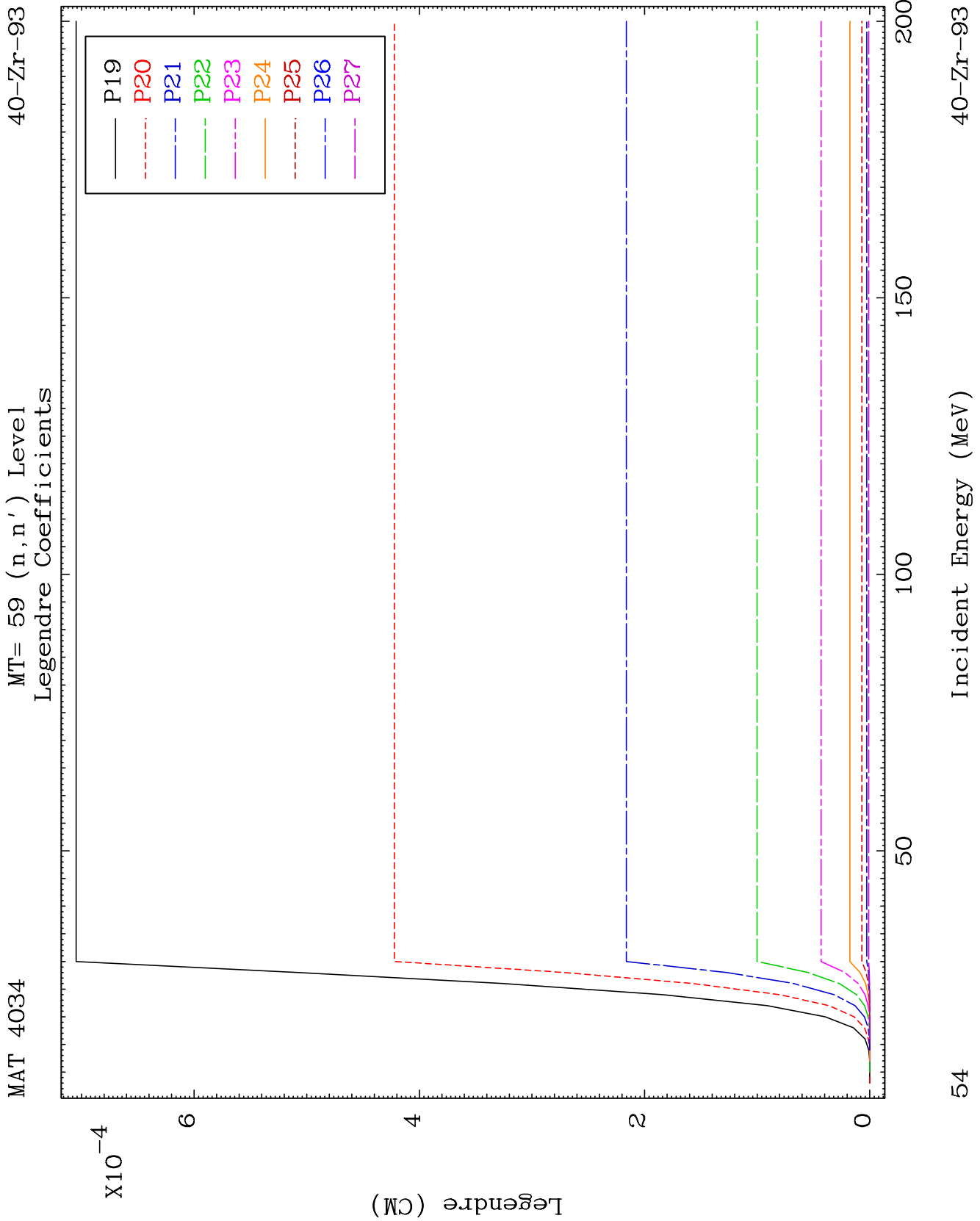
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53

Incident Energy (MeV)

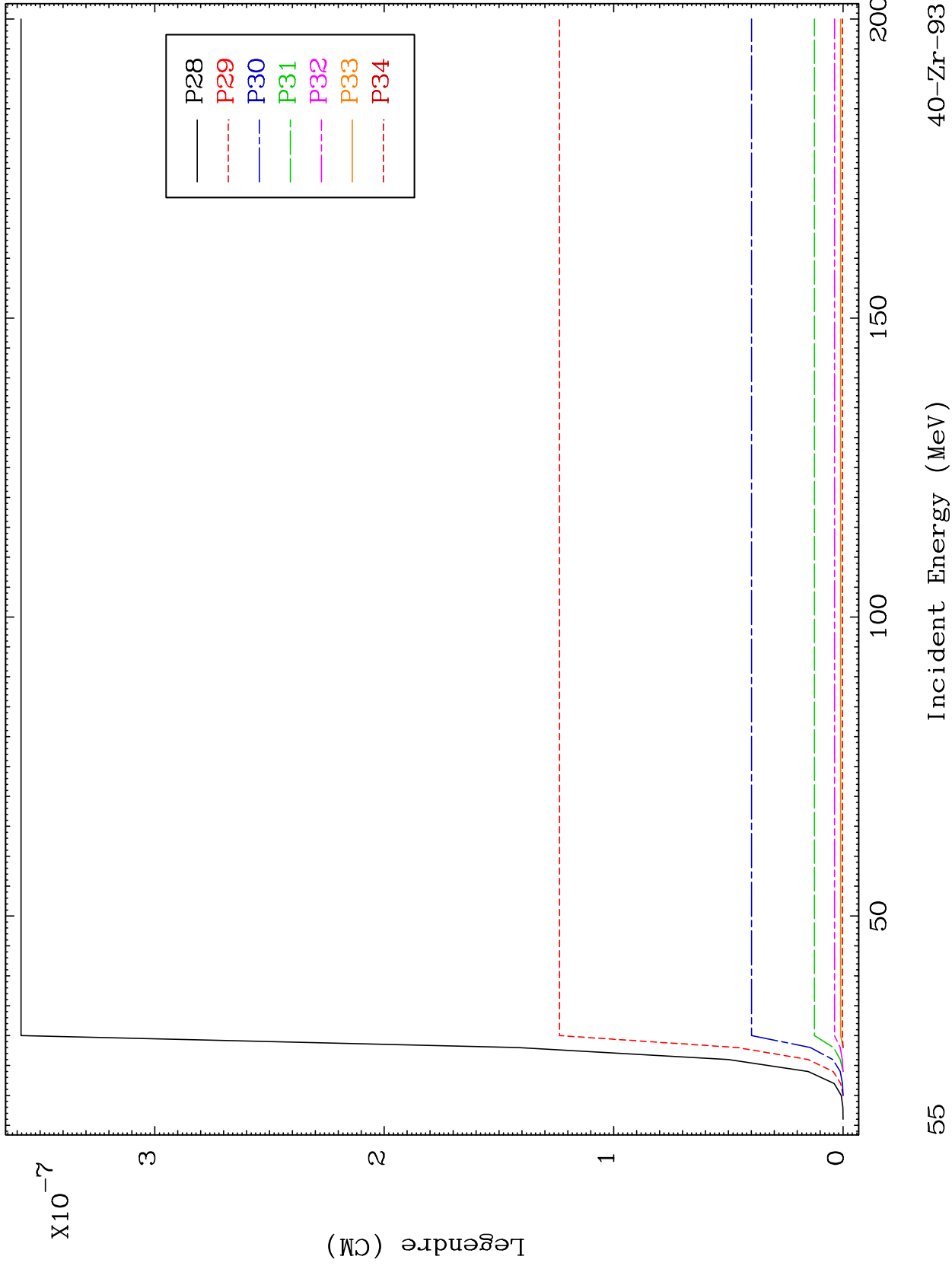
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MAT 4034

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

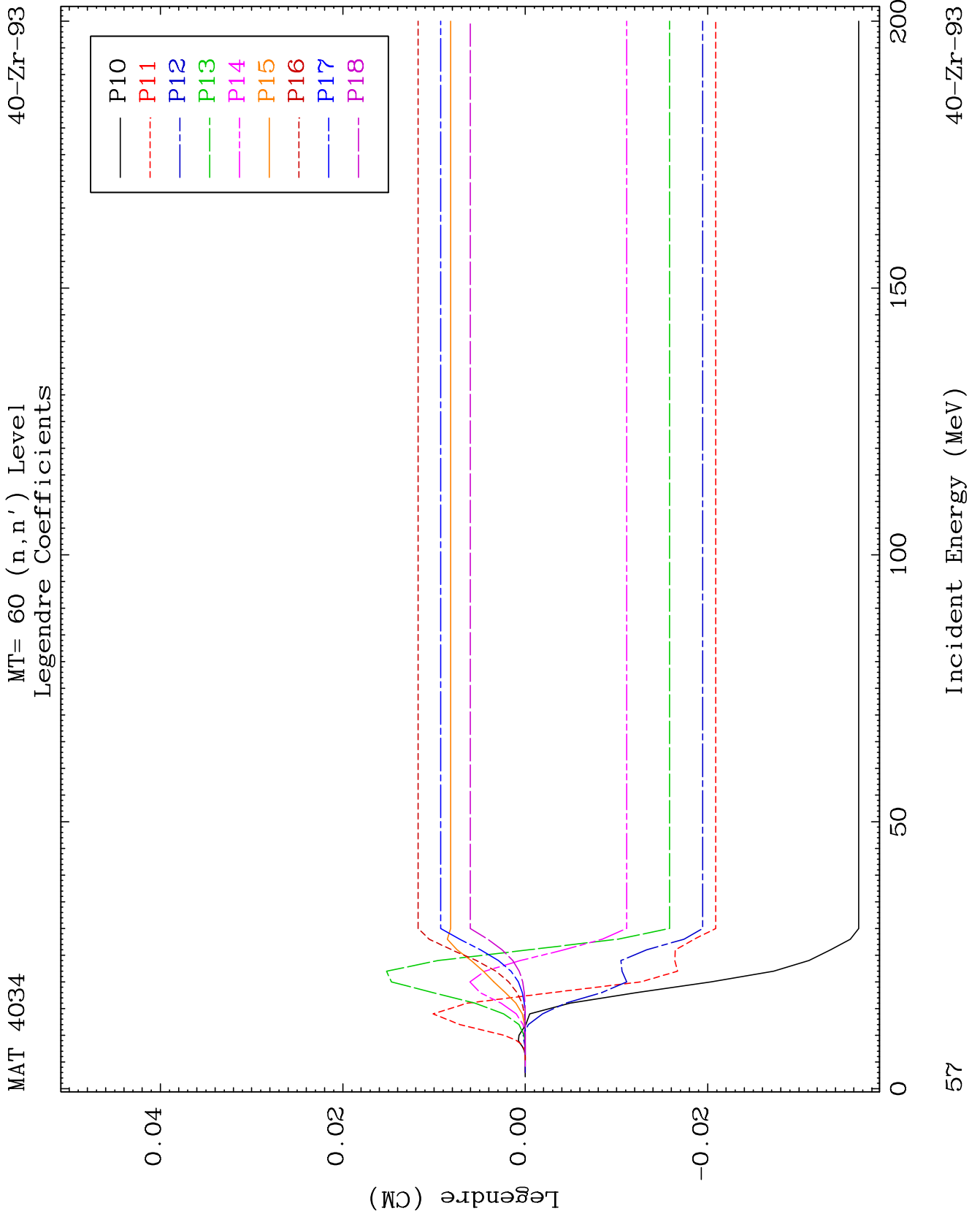
40-Zr-93



55

Incident Energy (MeV)

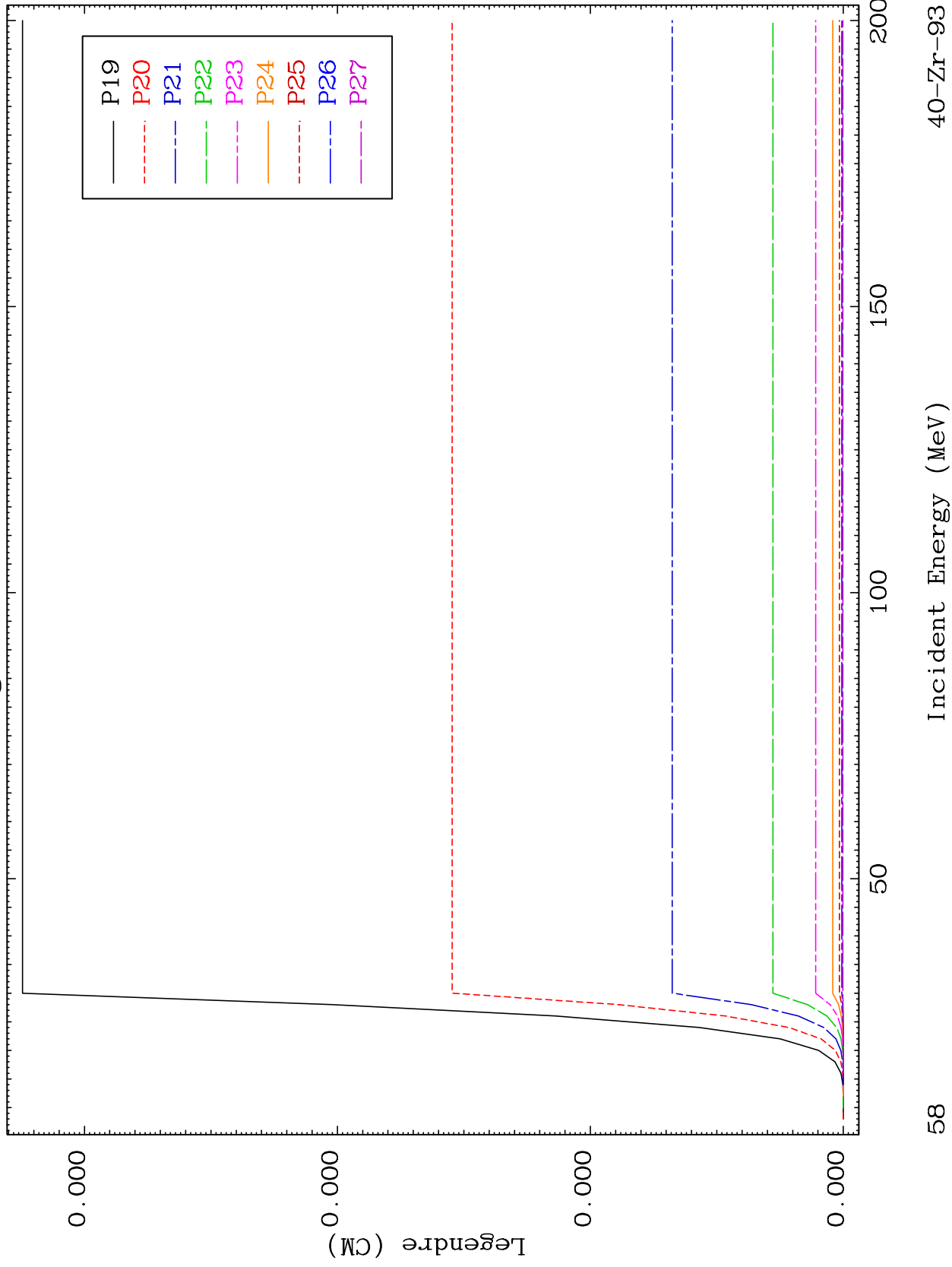
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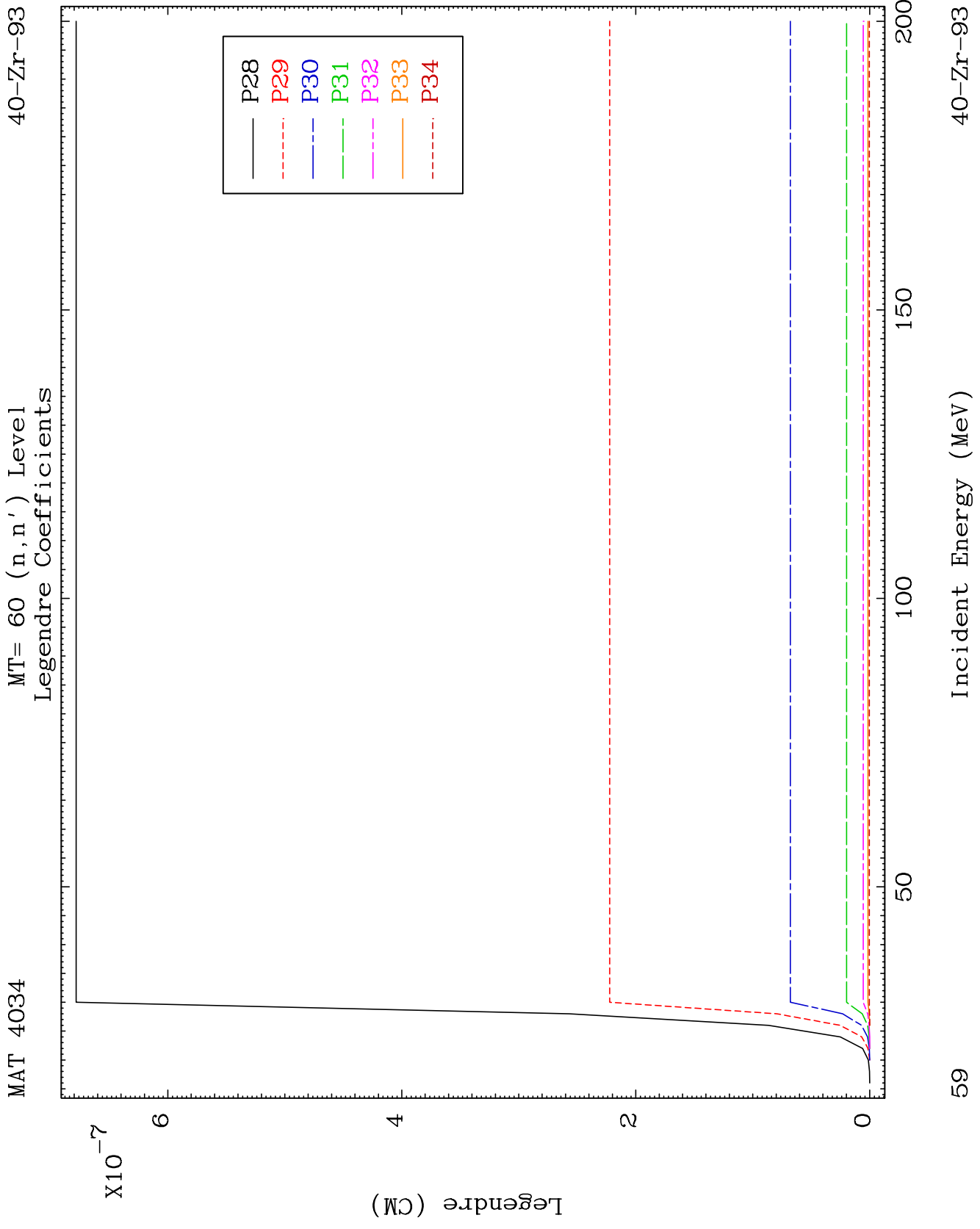
MAT 4034

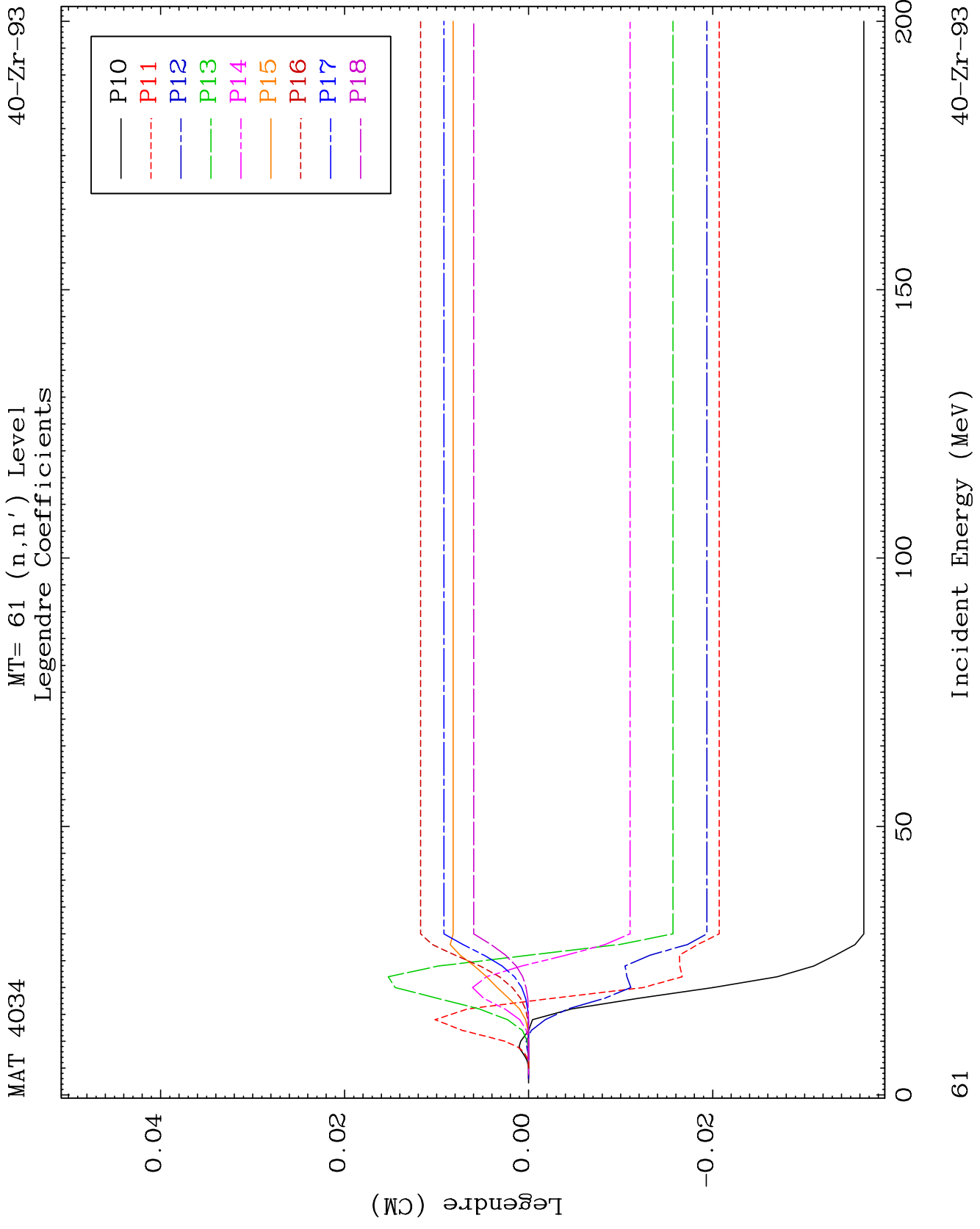
MT= 60 (n,n') Level
Legendre Coefficients

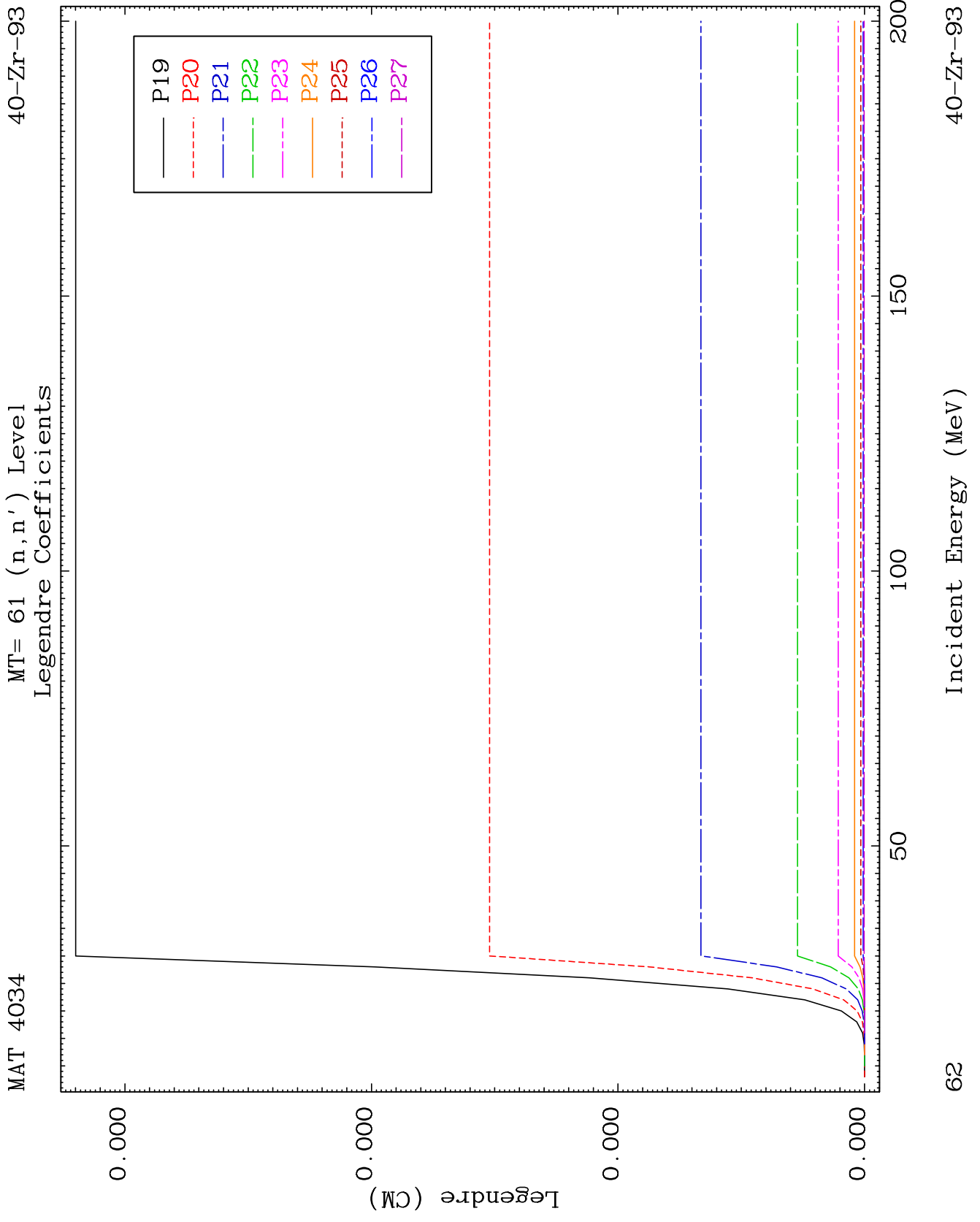
40-Zr-93



58



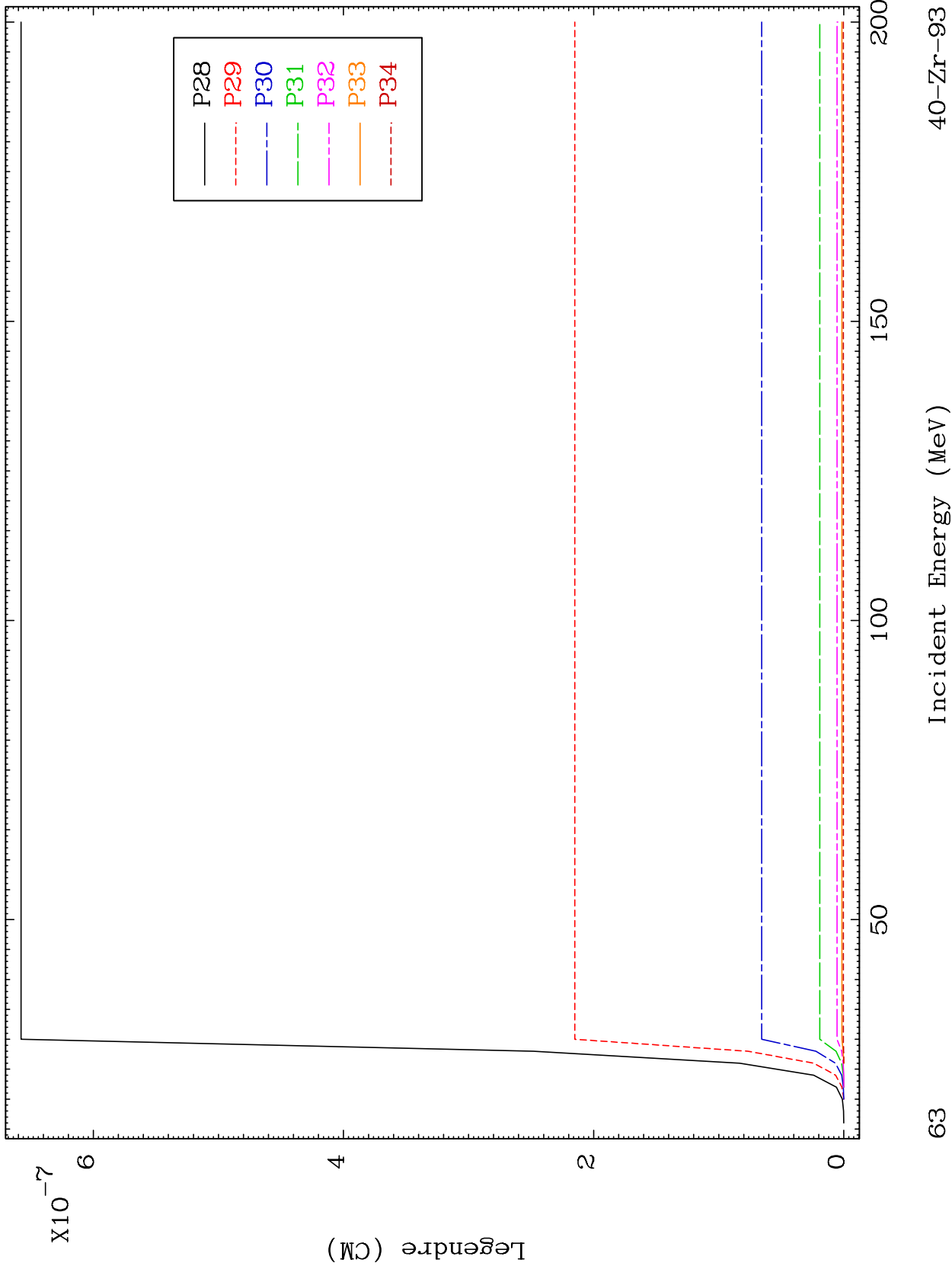




MAT 4034

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

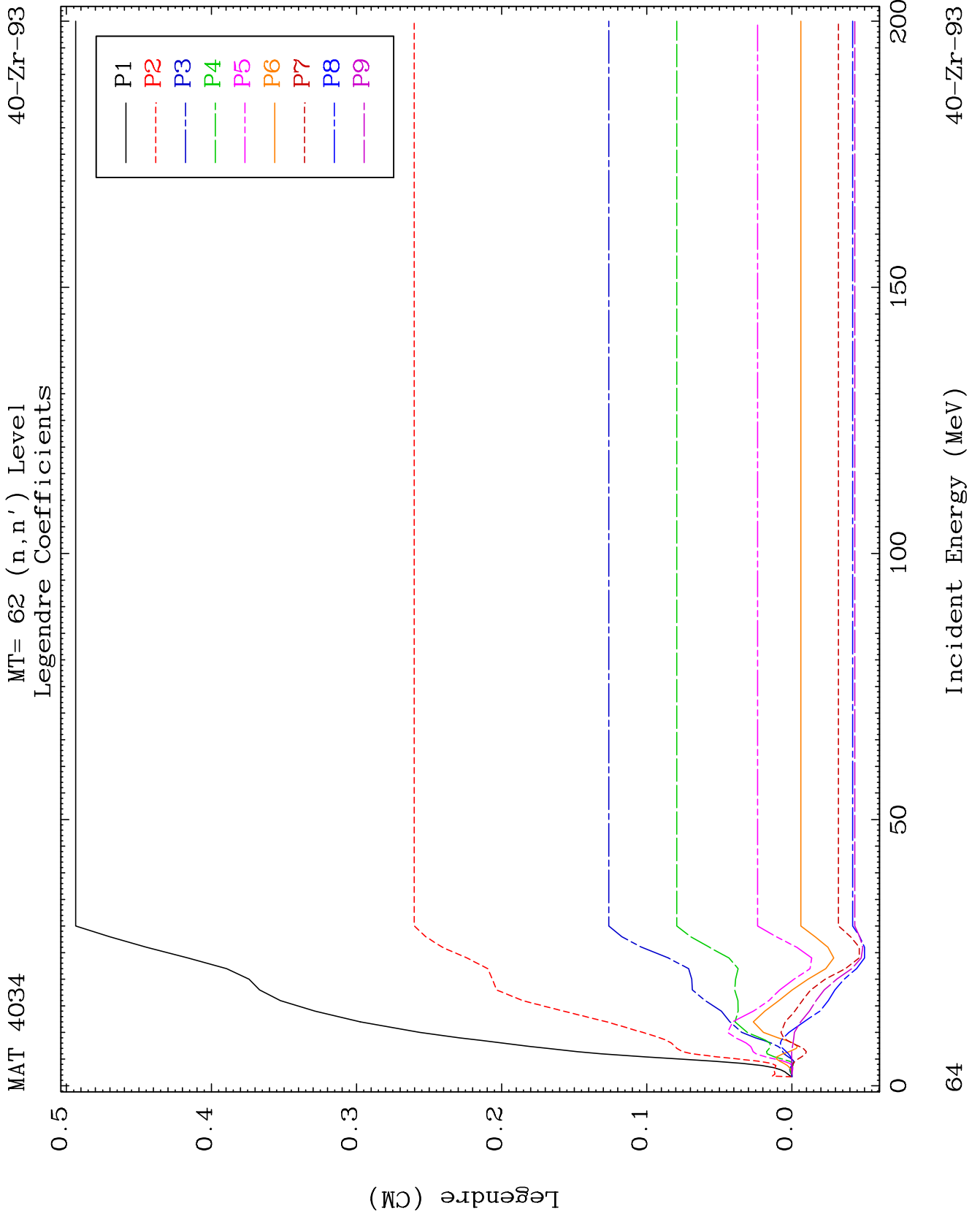
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63

Incident Energy (MeV)

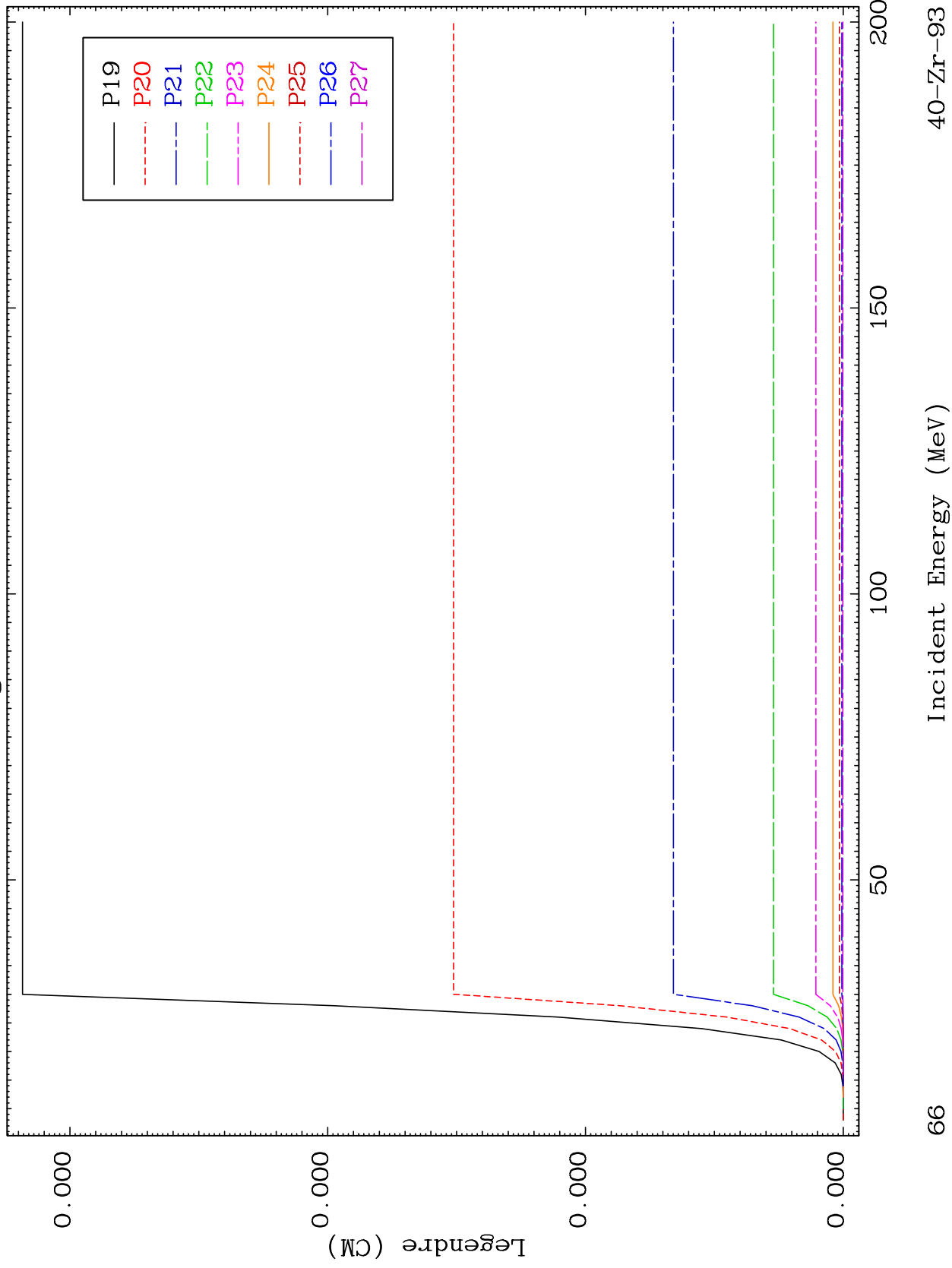
40-Zr-93



MAT 4034

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

40-Zr-93



66

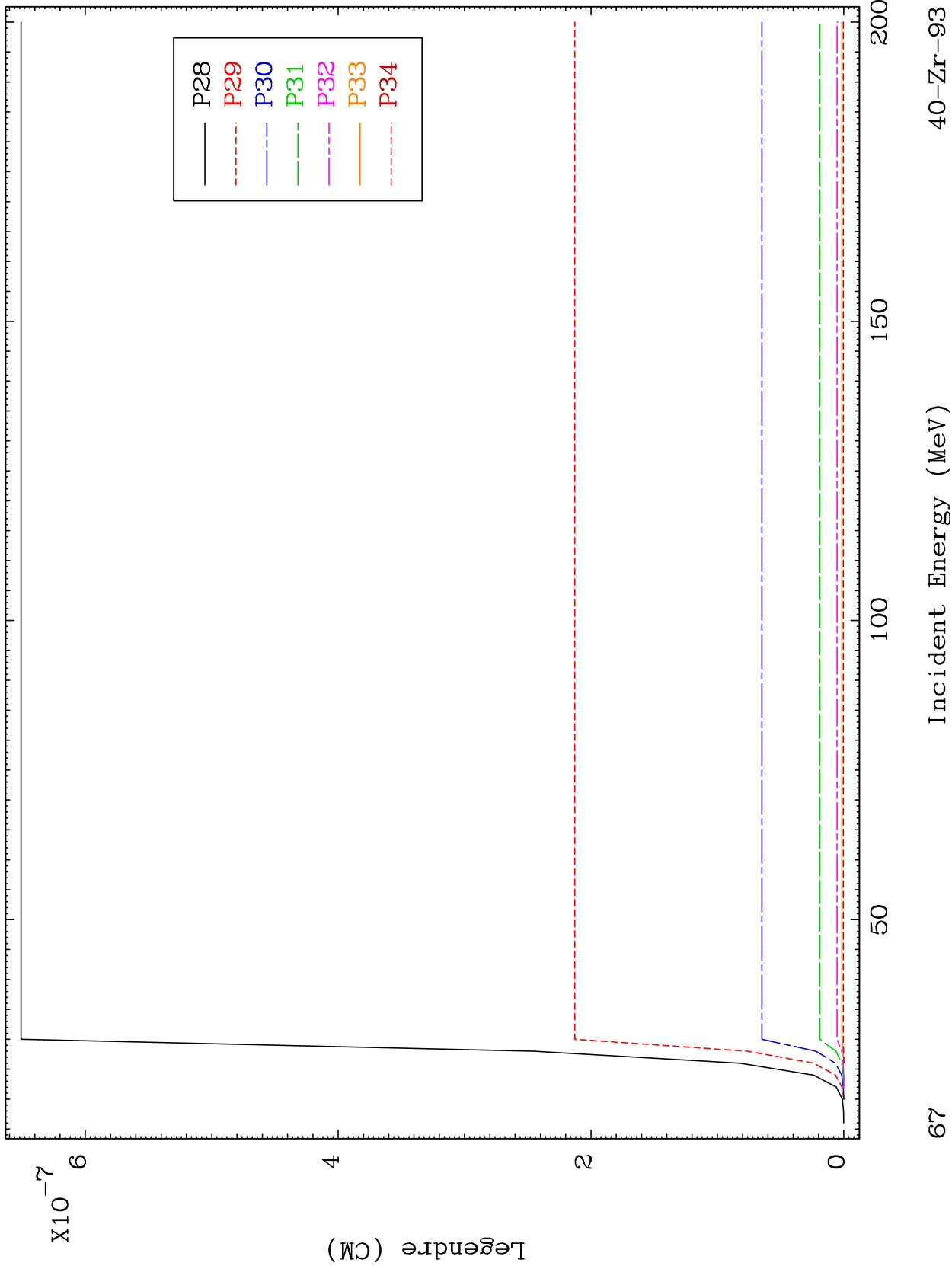
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

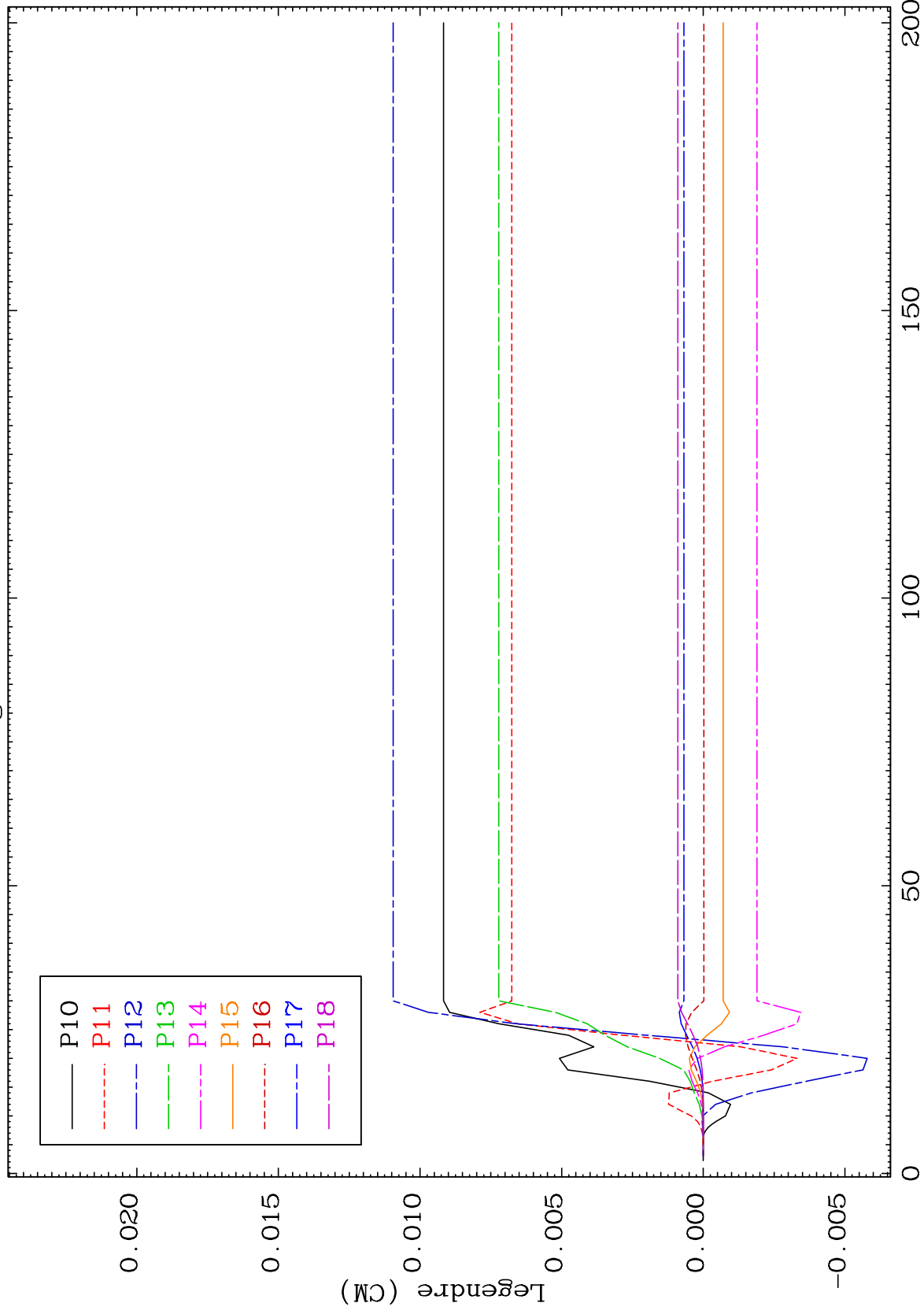
40-Zr-93



MAT 4034

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

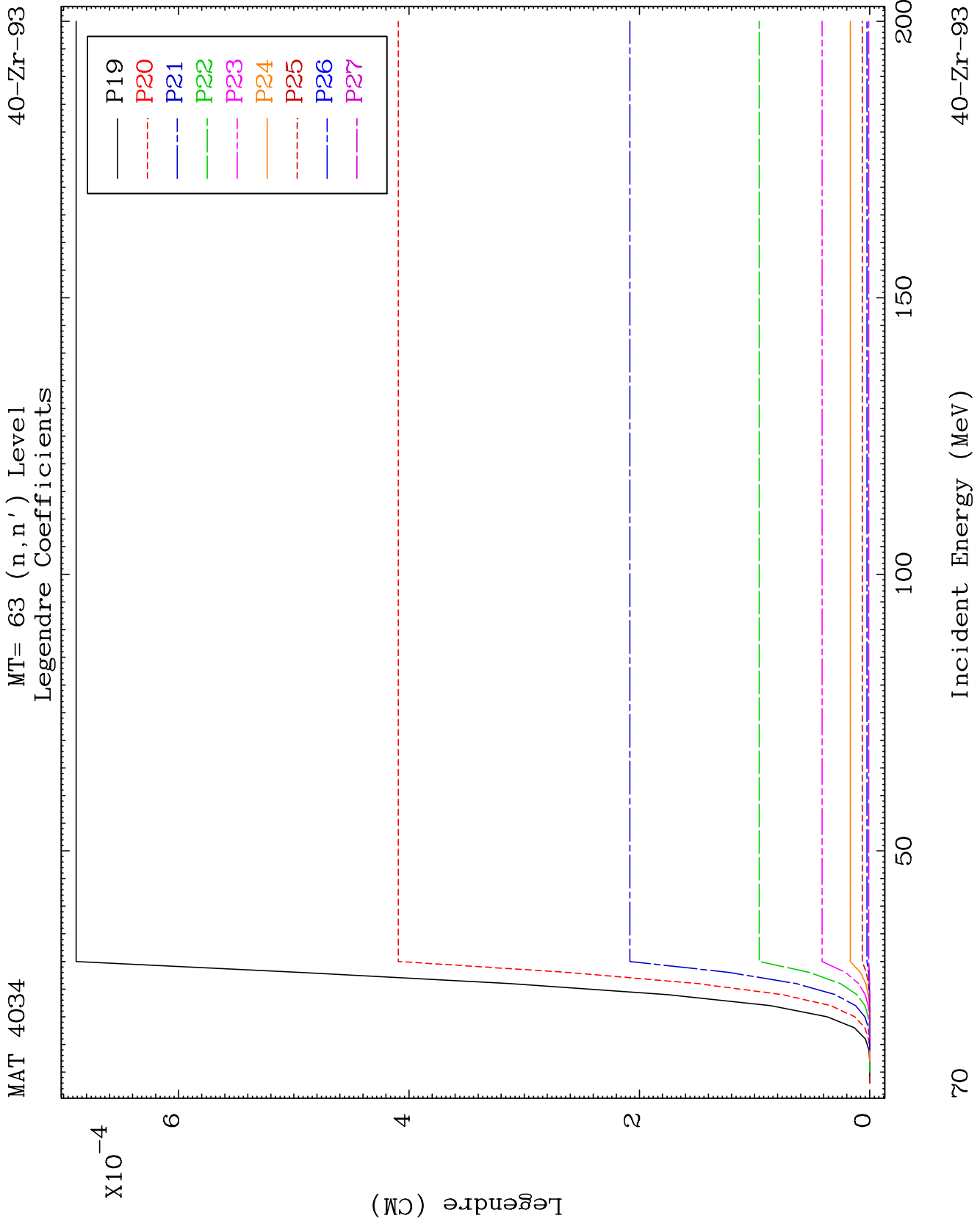
40-Zr-93



69

Incident Energy (MeV)

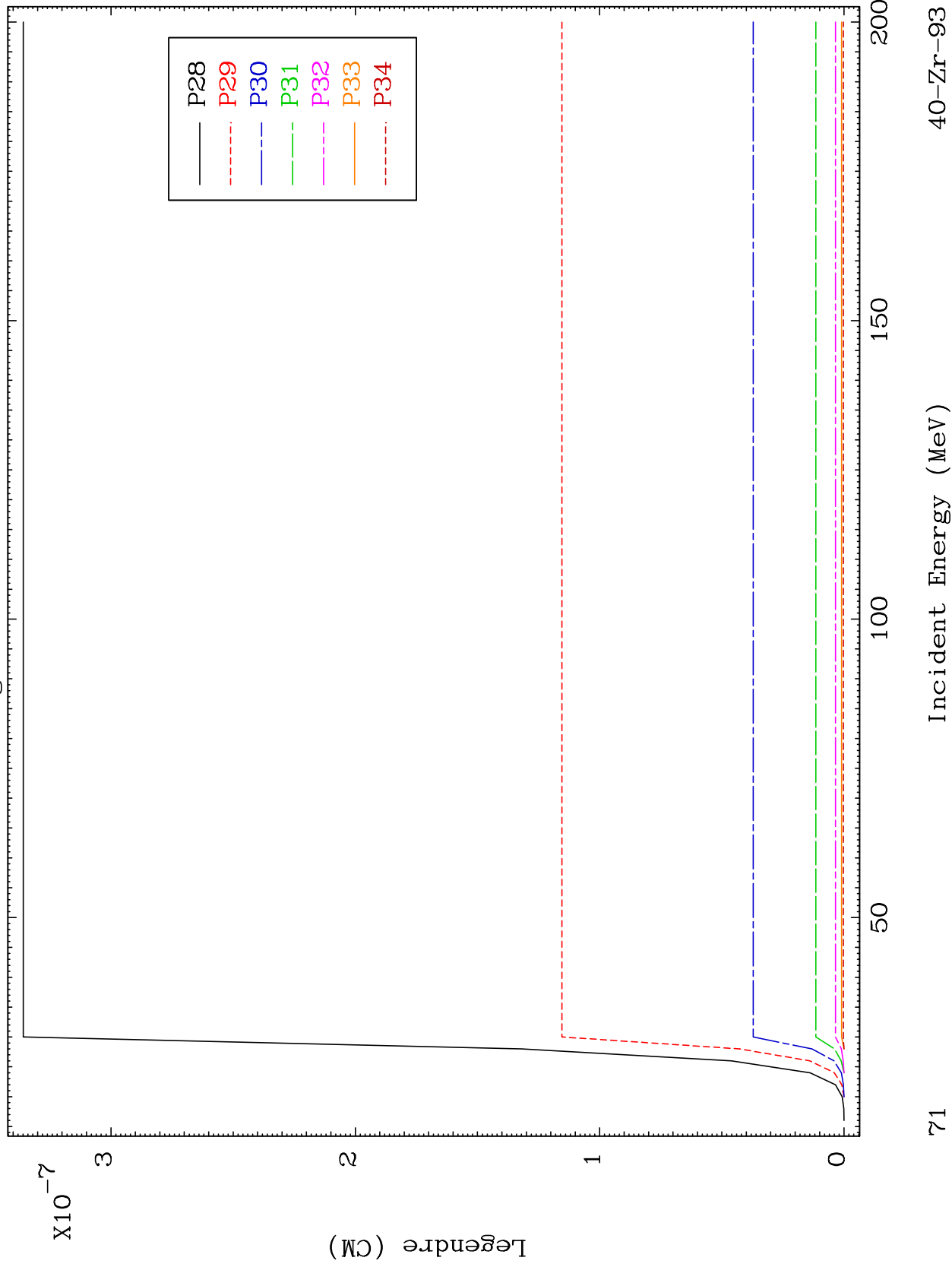
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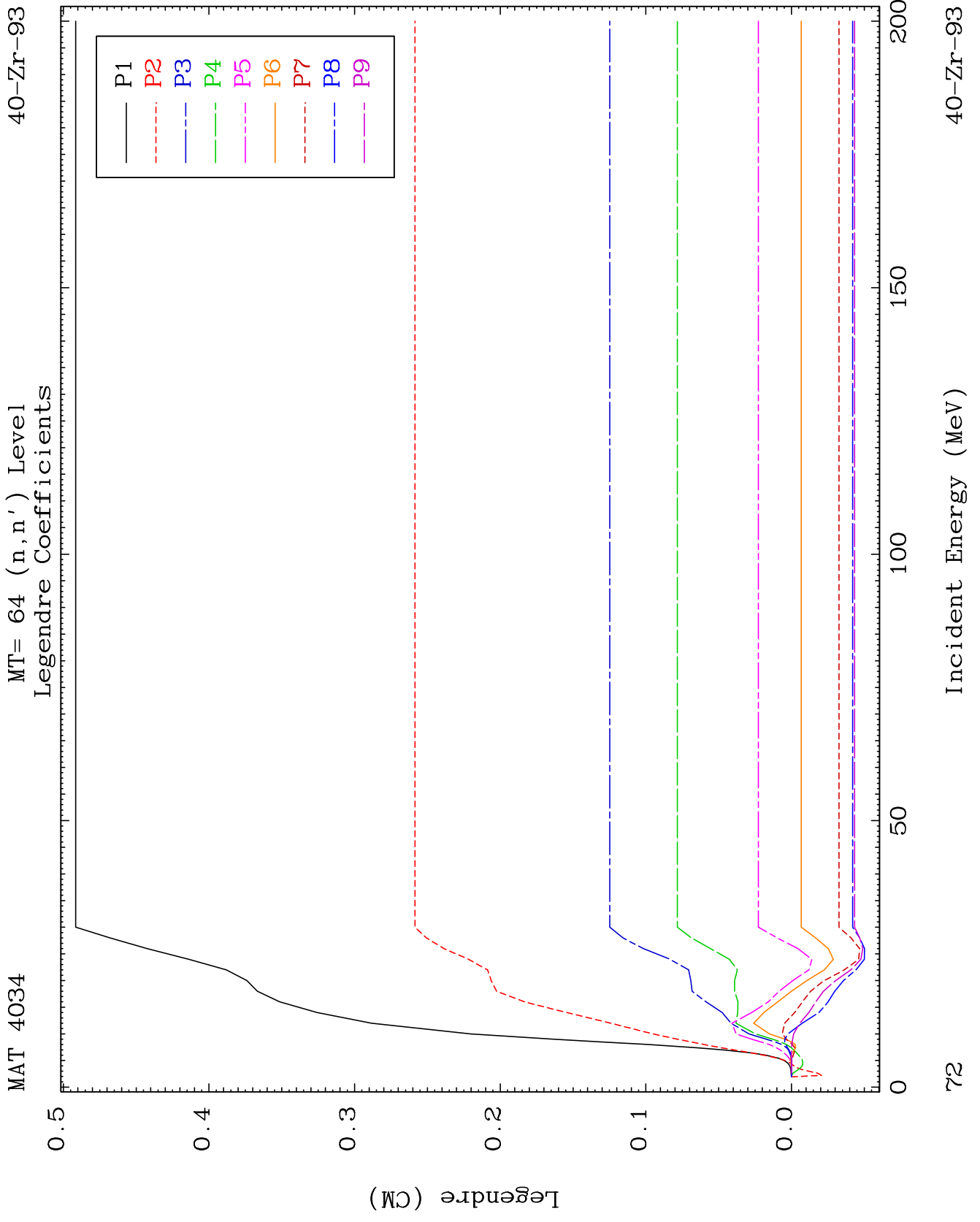


MAT 4034

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

40-Zr-93

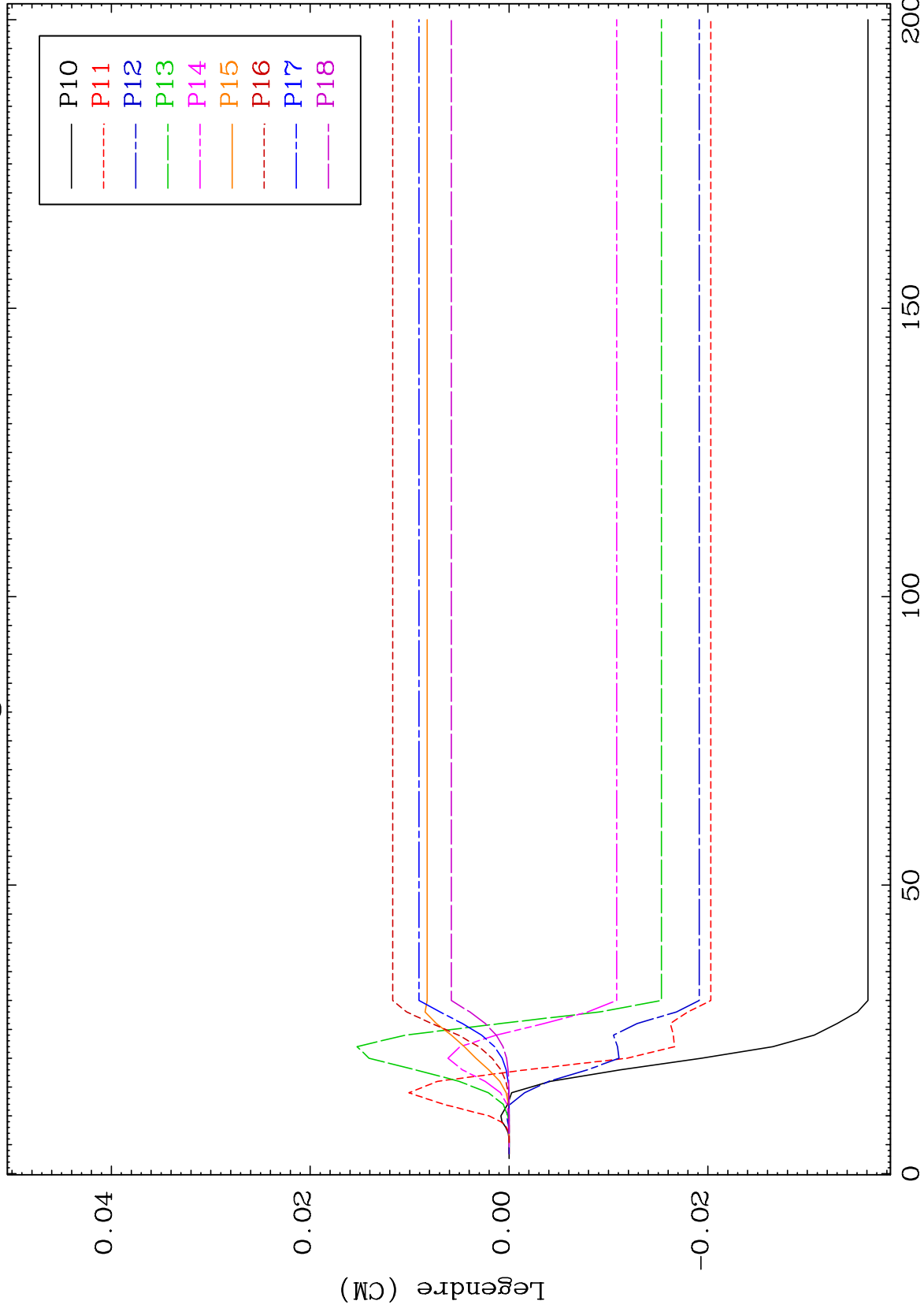




MAT 4034

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

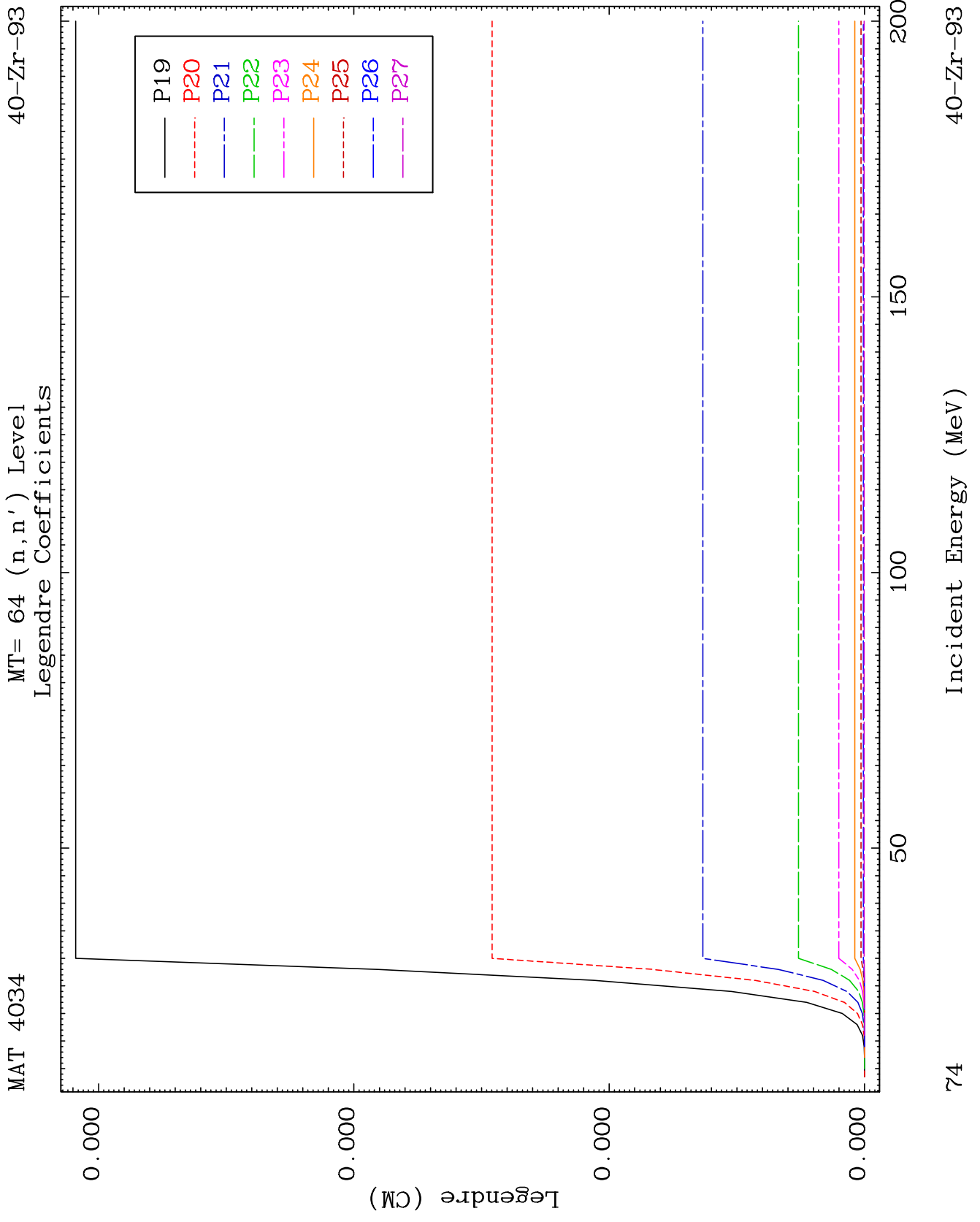
40-Zr-93



73

Incident Energy (MeV)

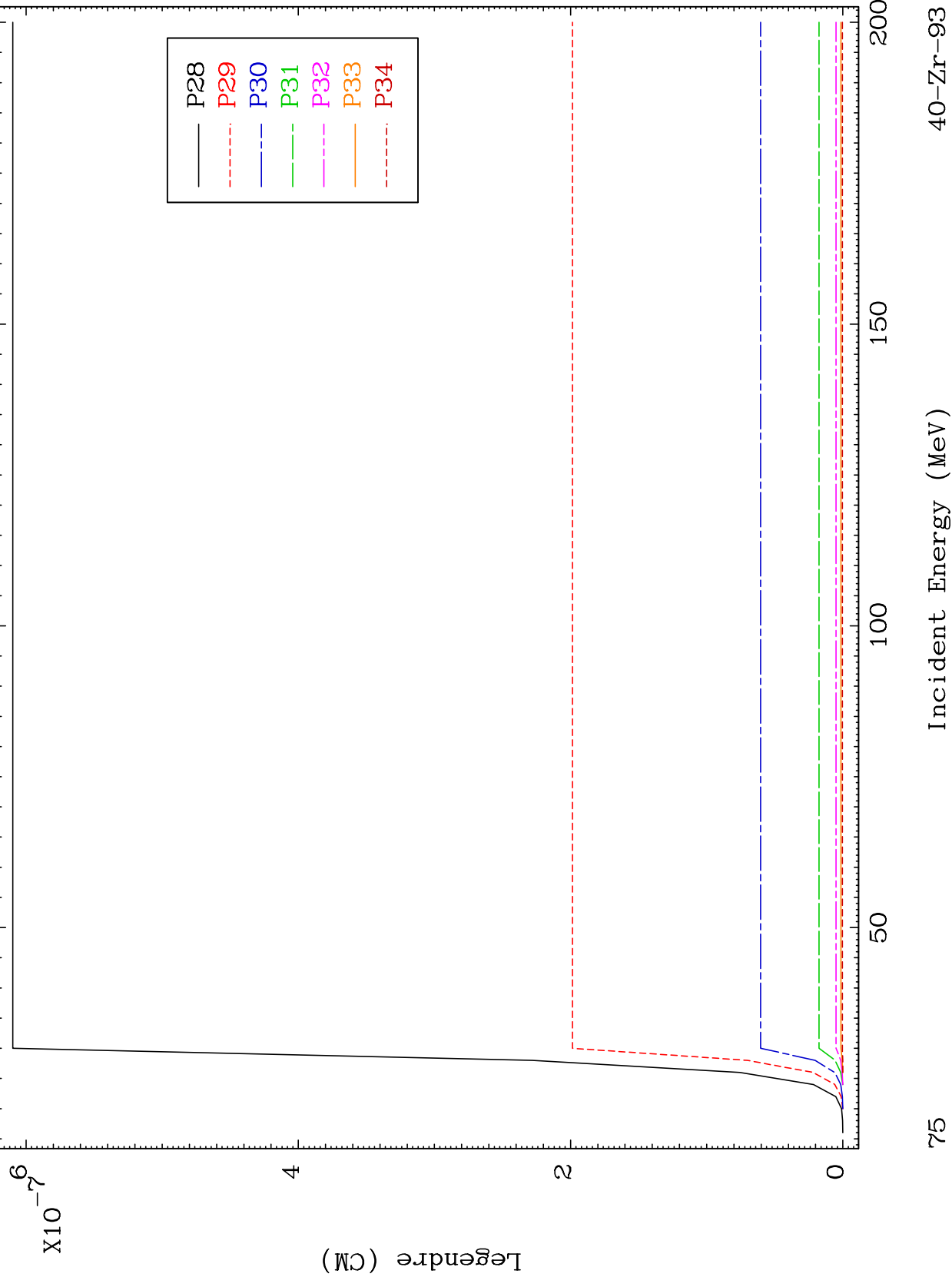
40-Zr-93



MAT 4034

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

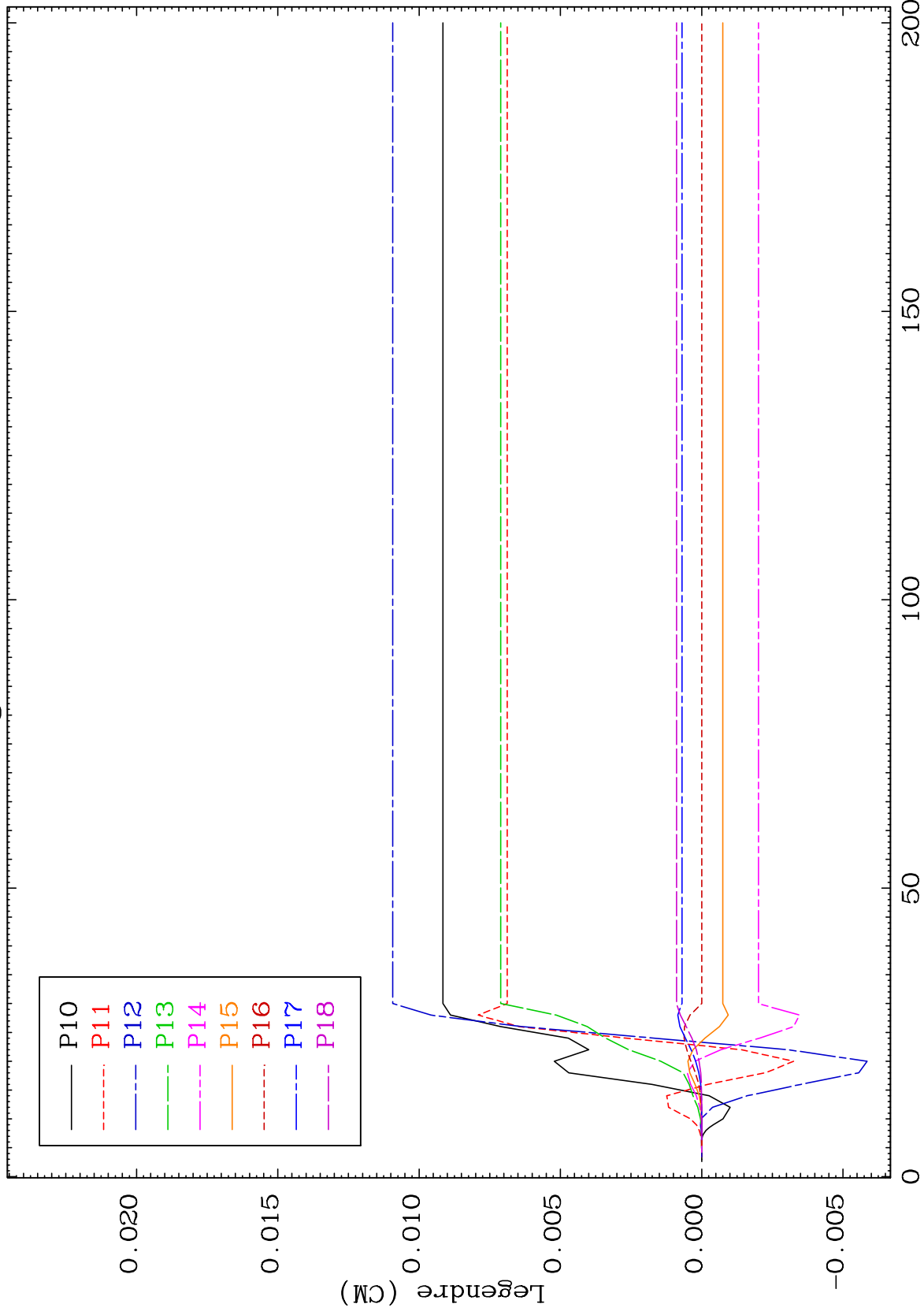
40-Zr-93



MAT 4034

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

40-Zr-93



77

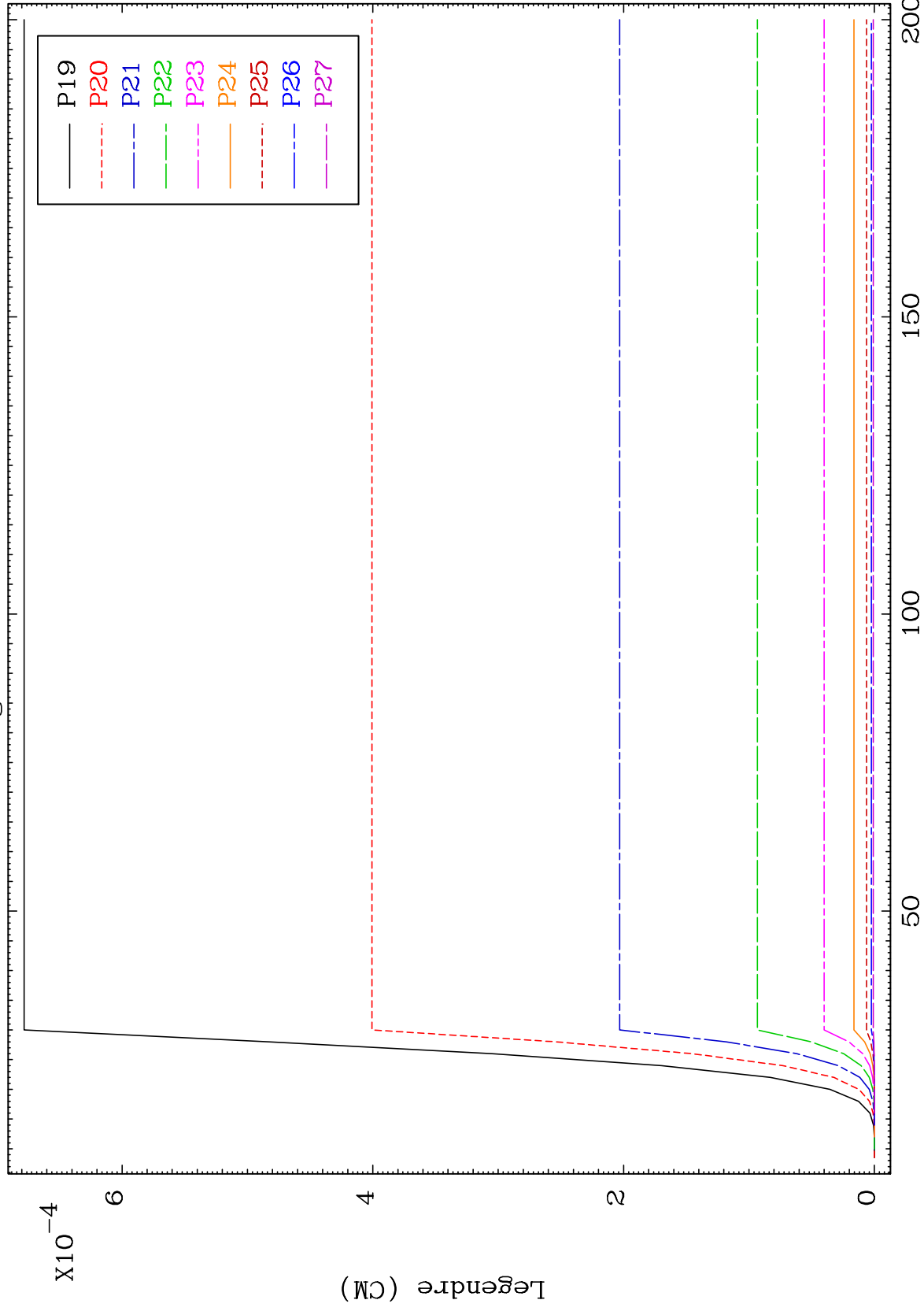
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

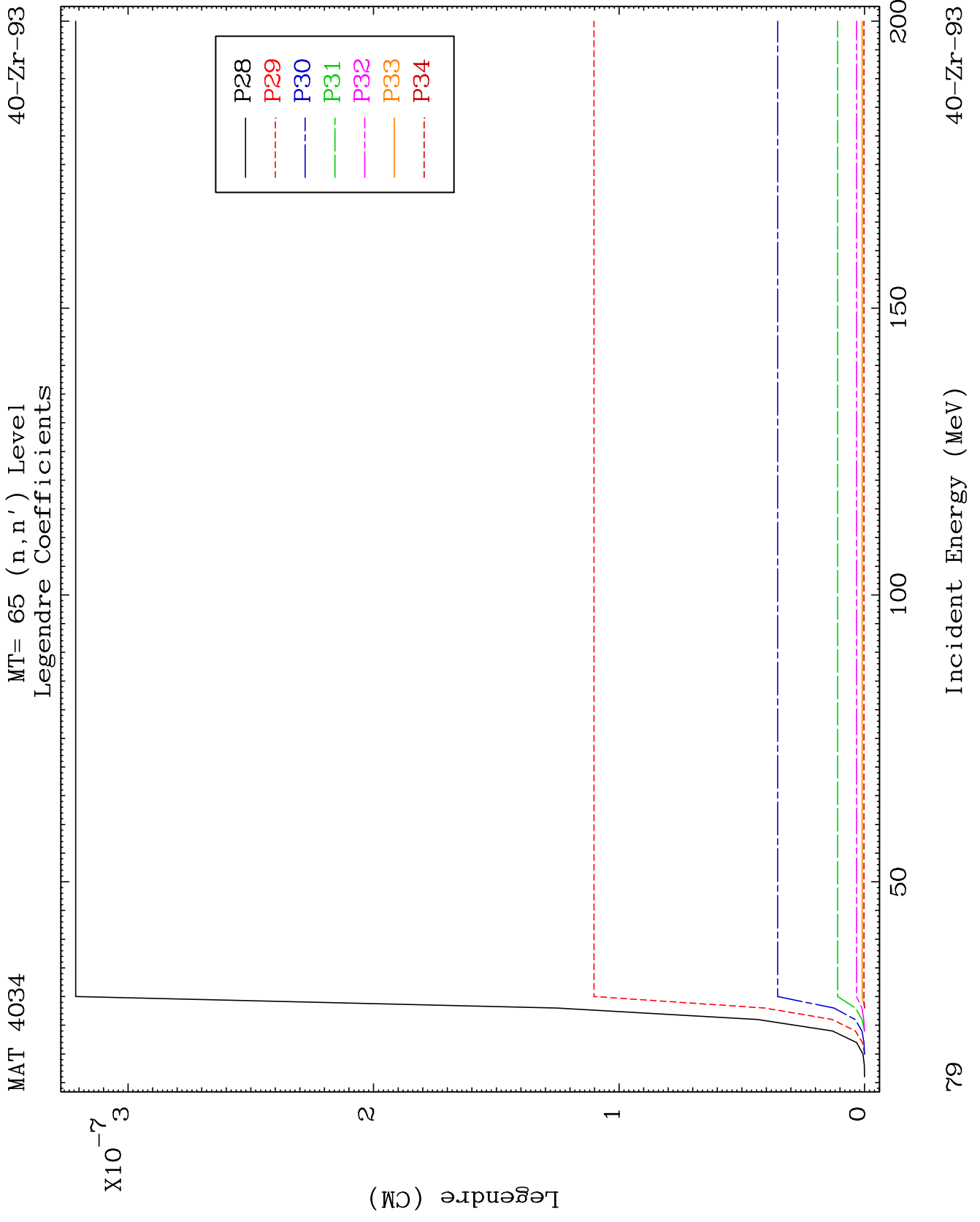
40-Zr-93



78

Incident Energy (MeV)

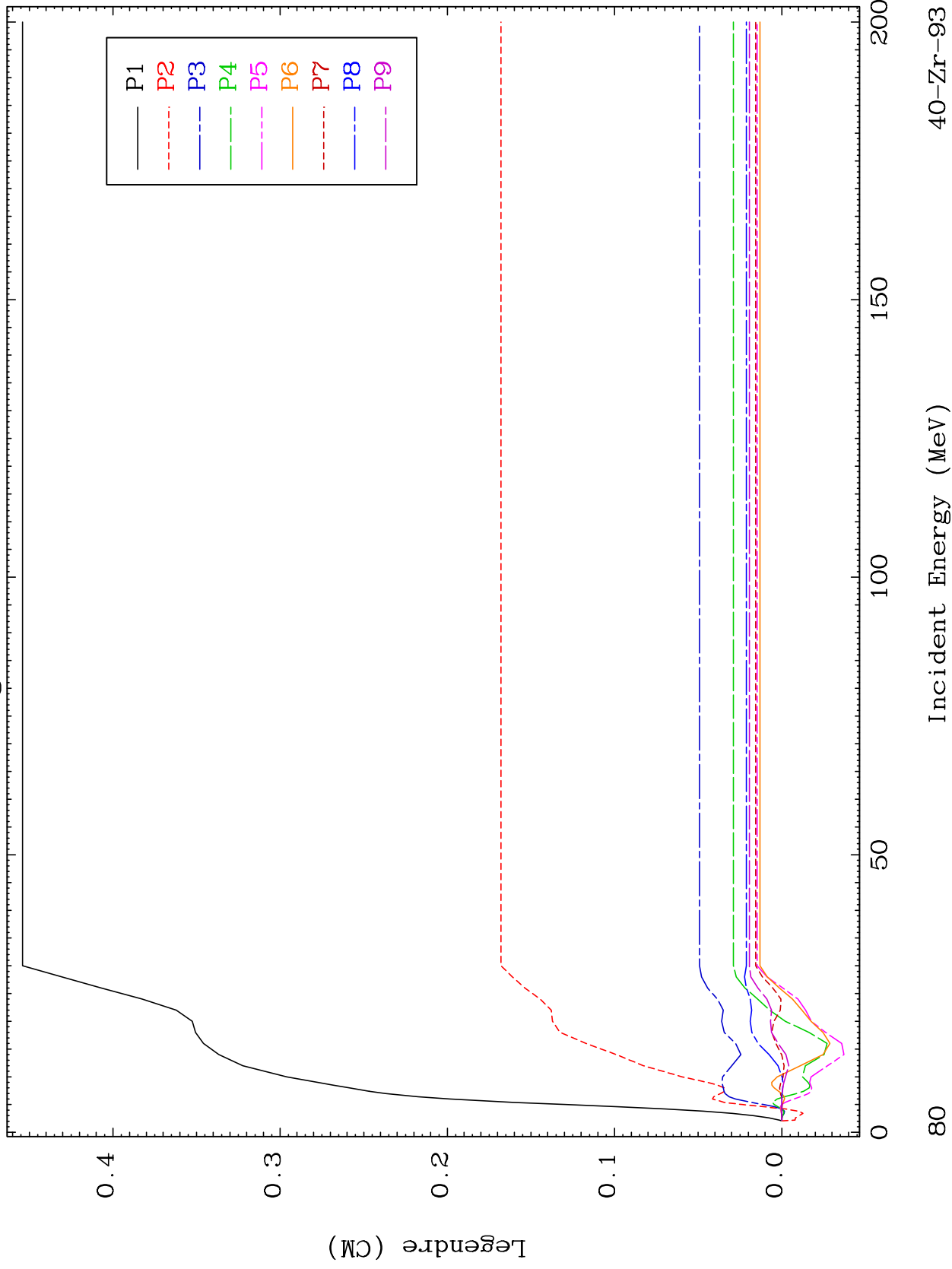
40-Zr-93



MAT 4034

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

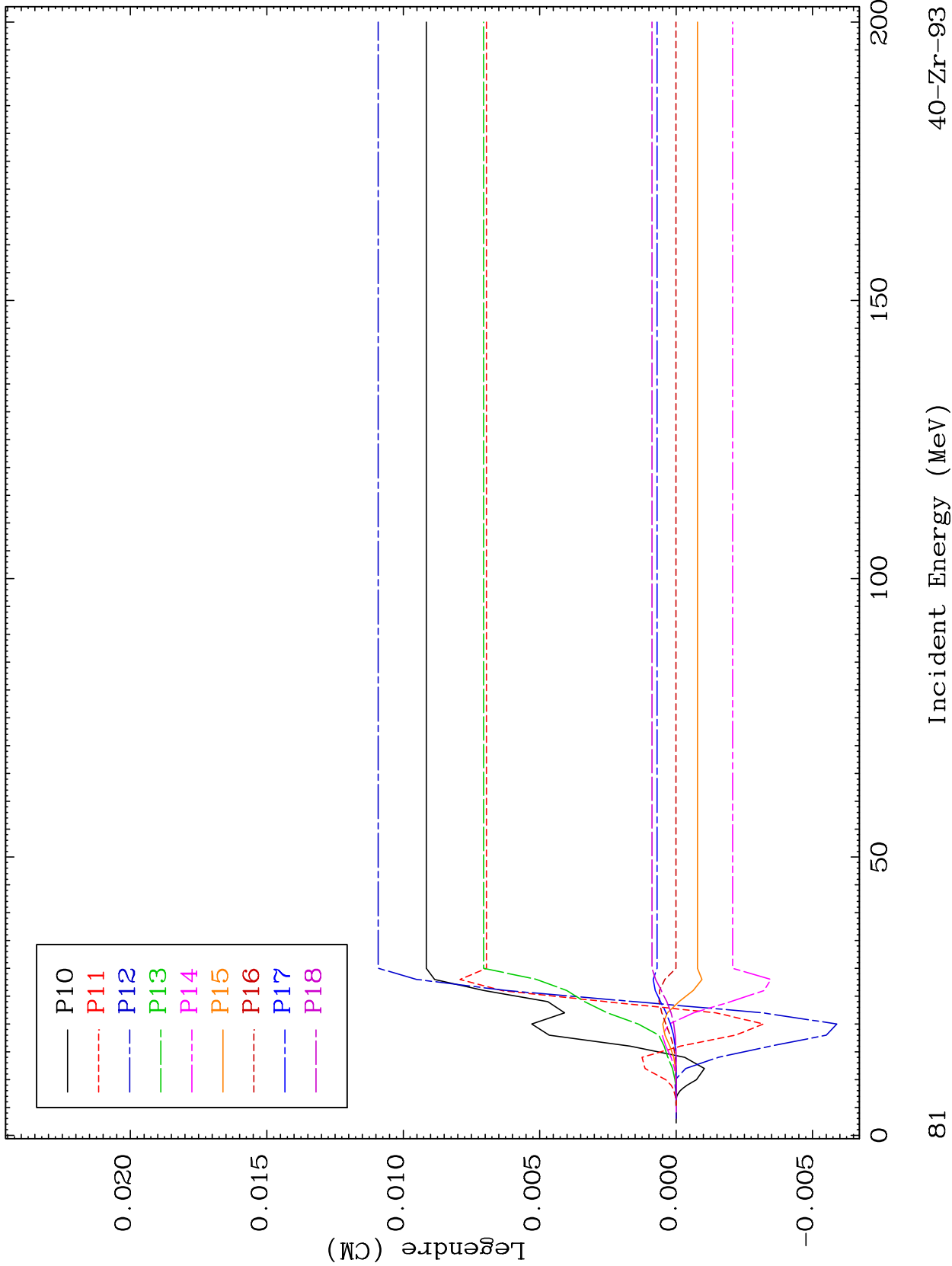
40-Zr-93

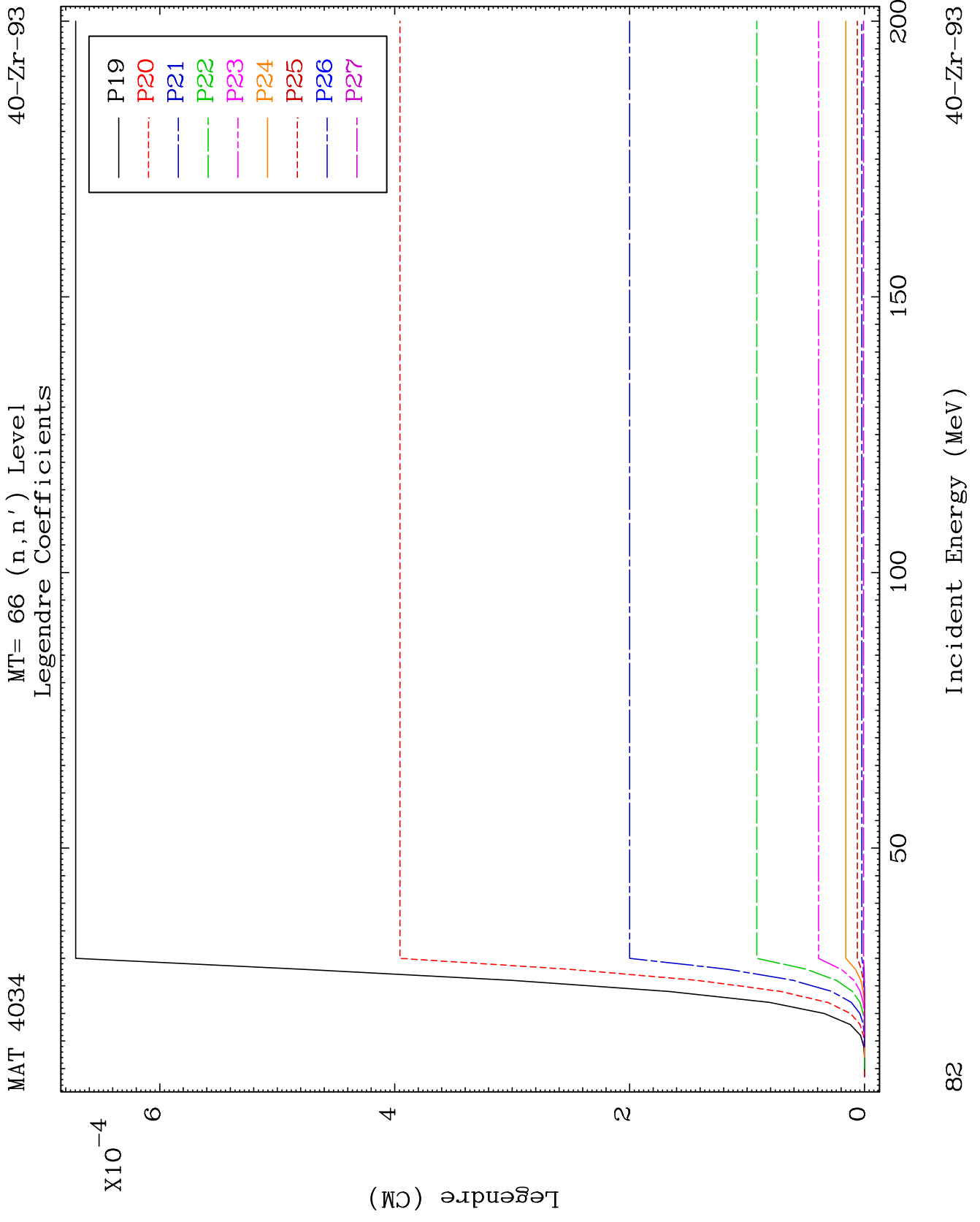


MAT 4034

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

40-Zr-93

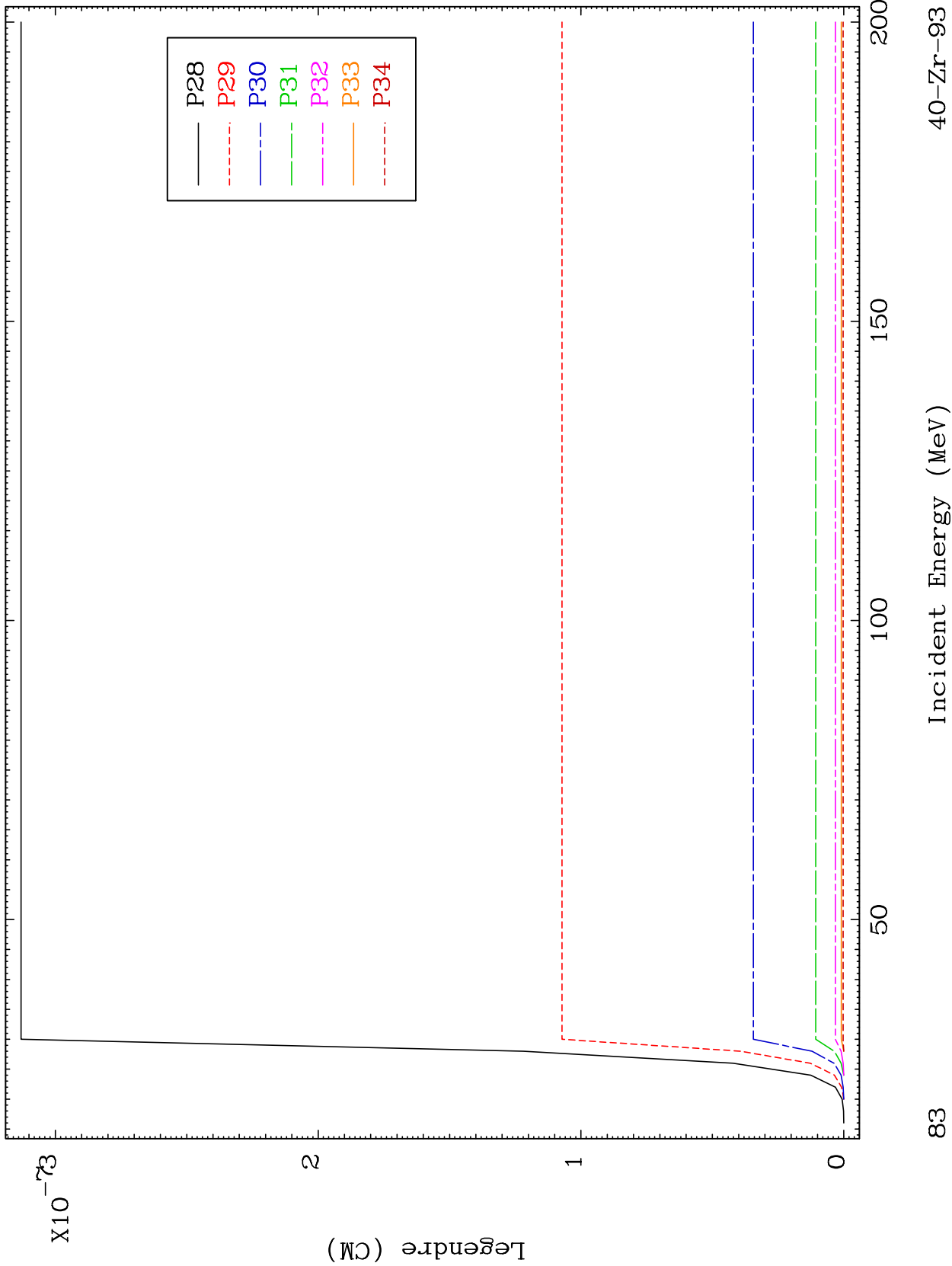


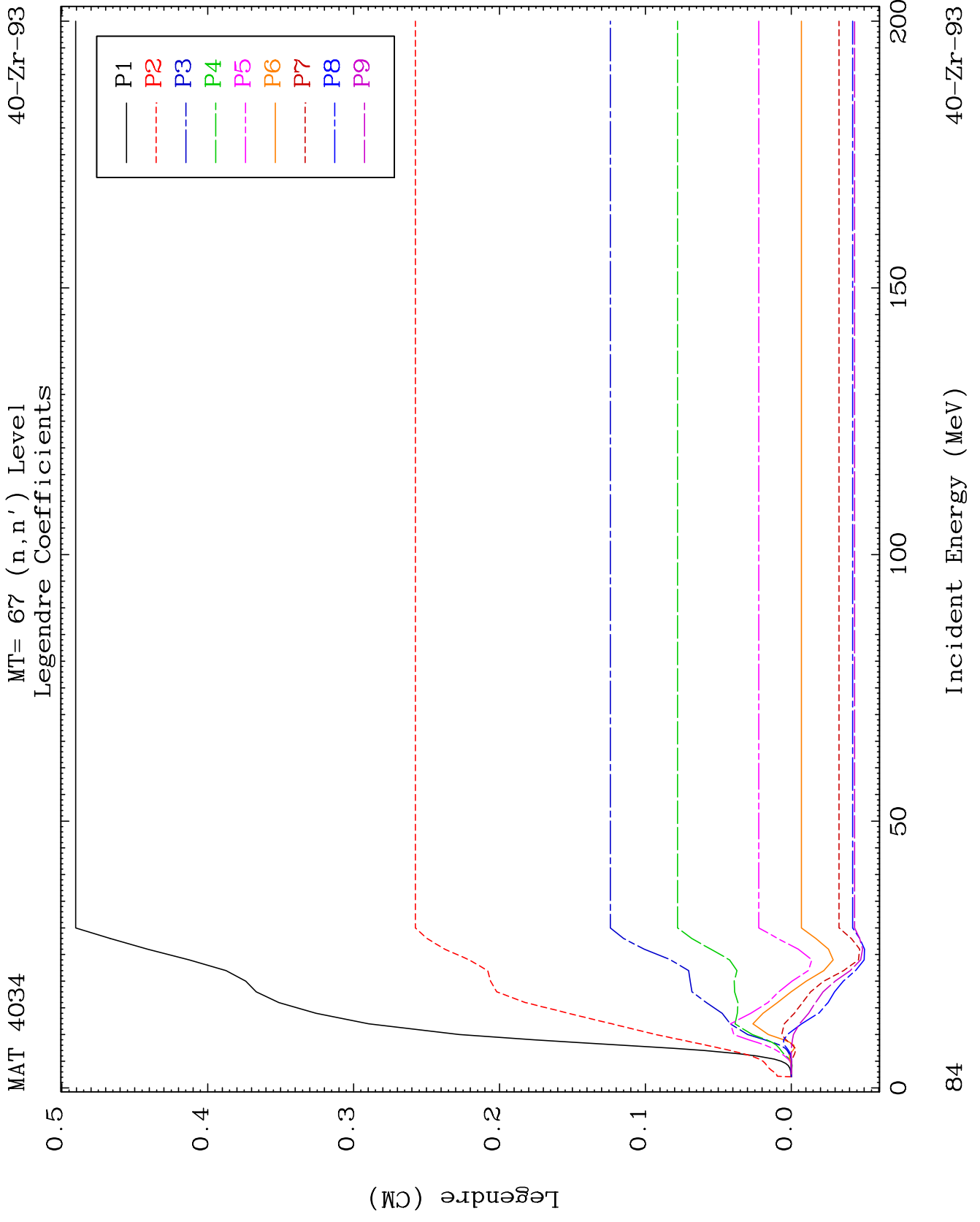


MAT 4034

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

40-Zr-93

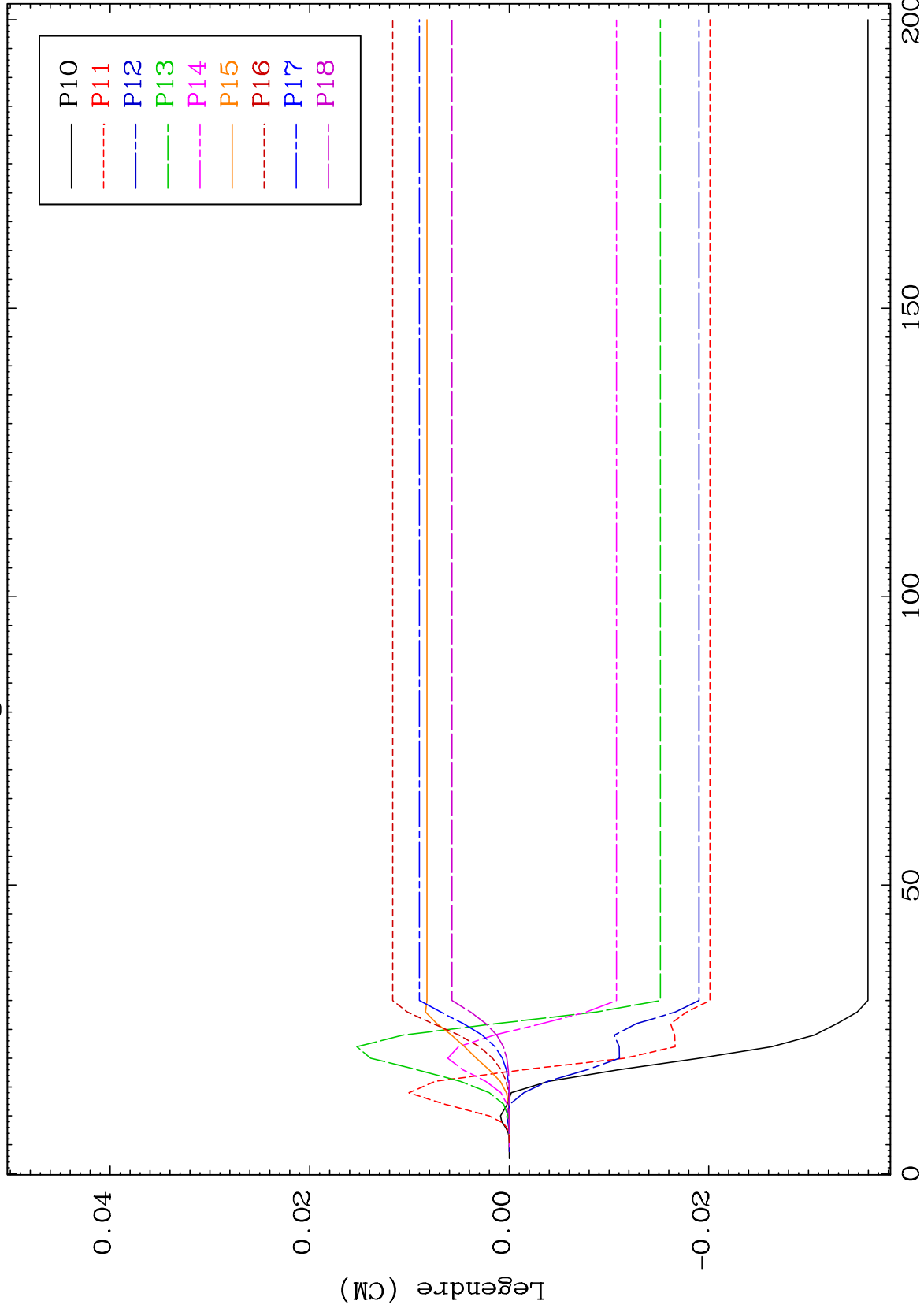




MAT 4034

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

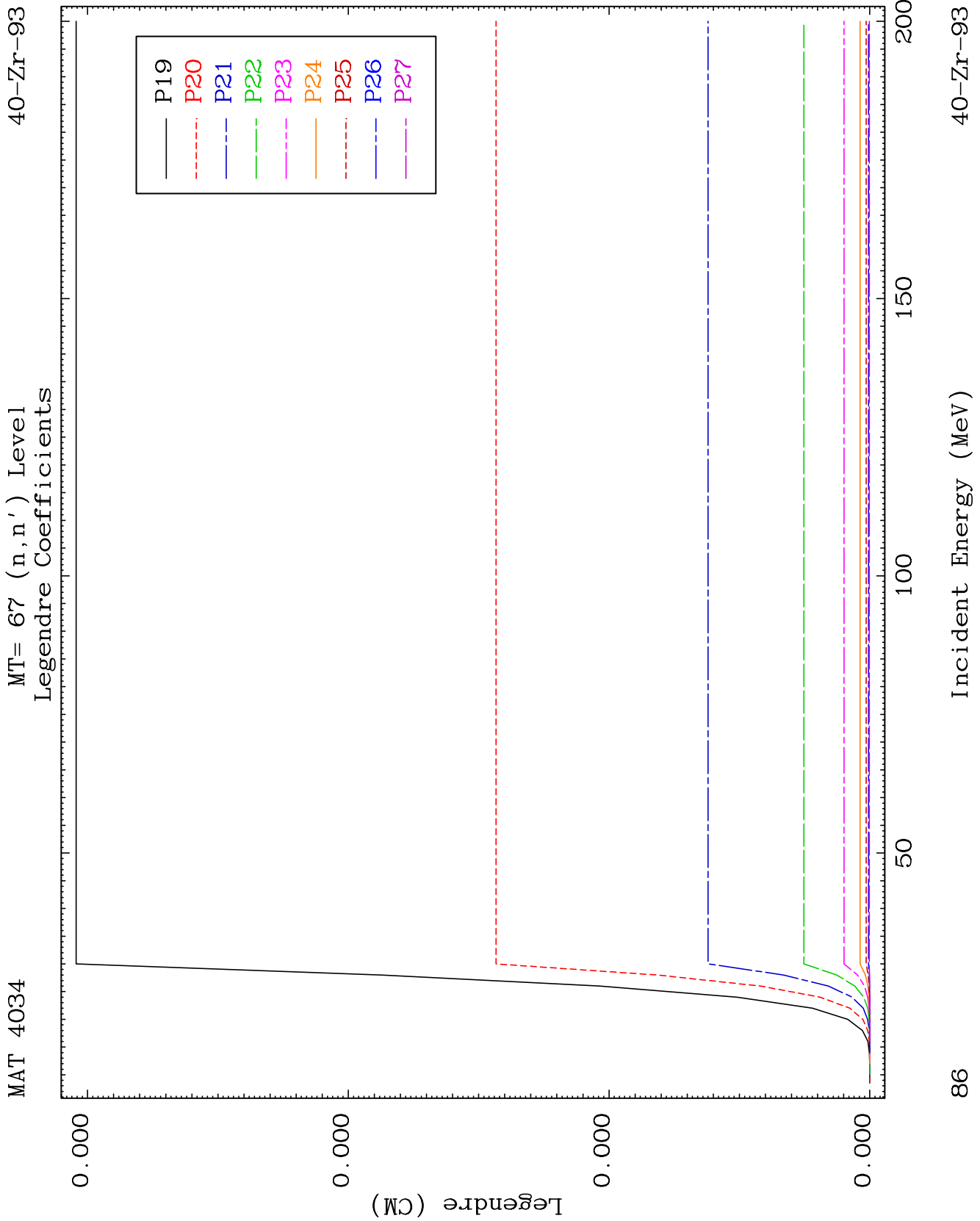
40-Zr-93

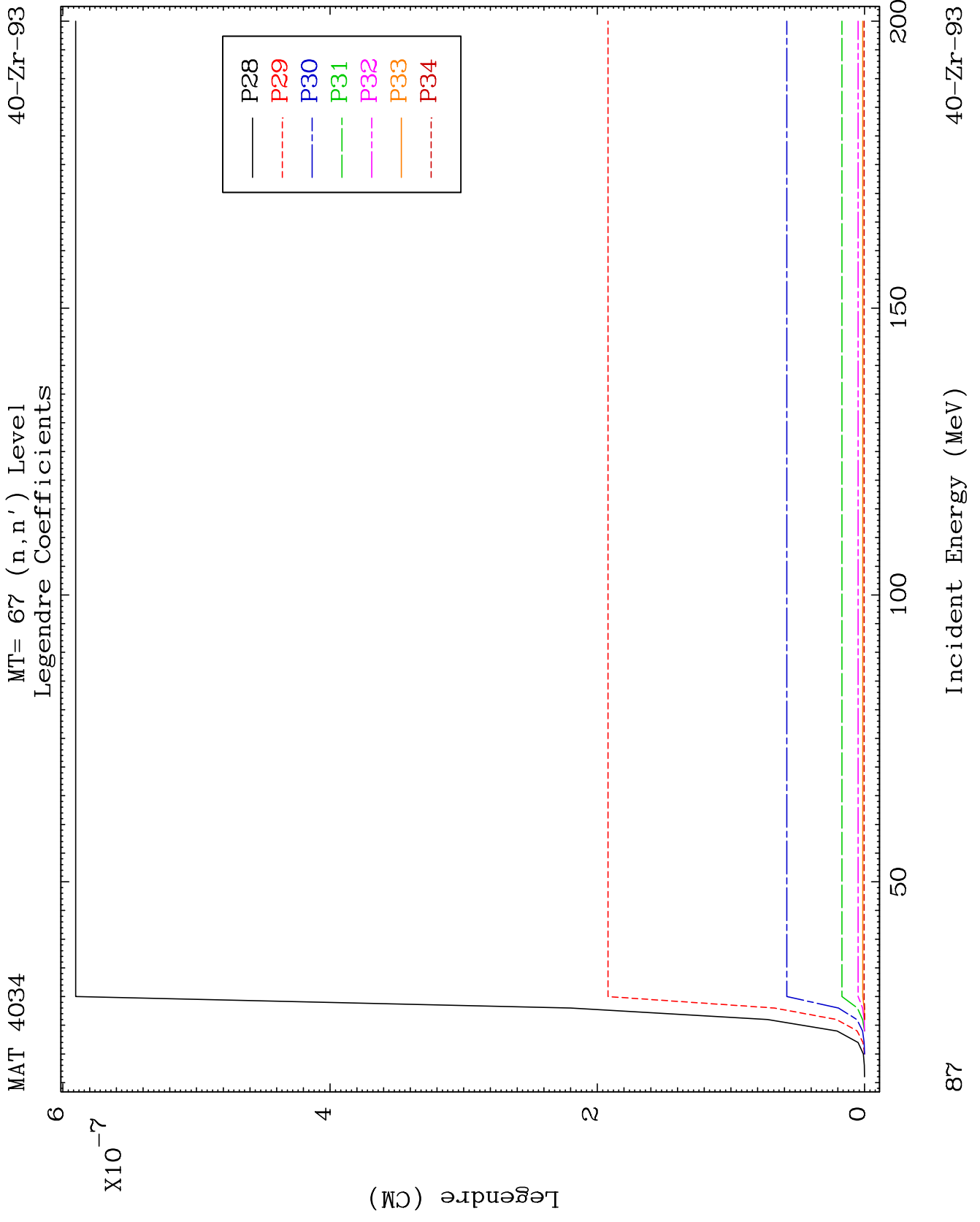


85

Incident Energy (MeV)

40-Zr-93

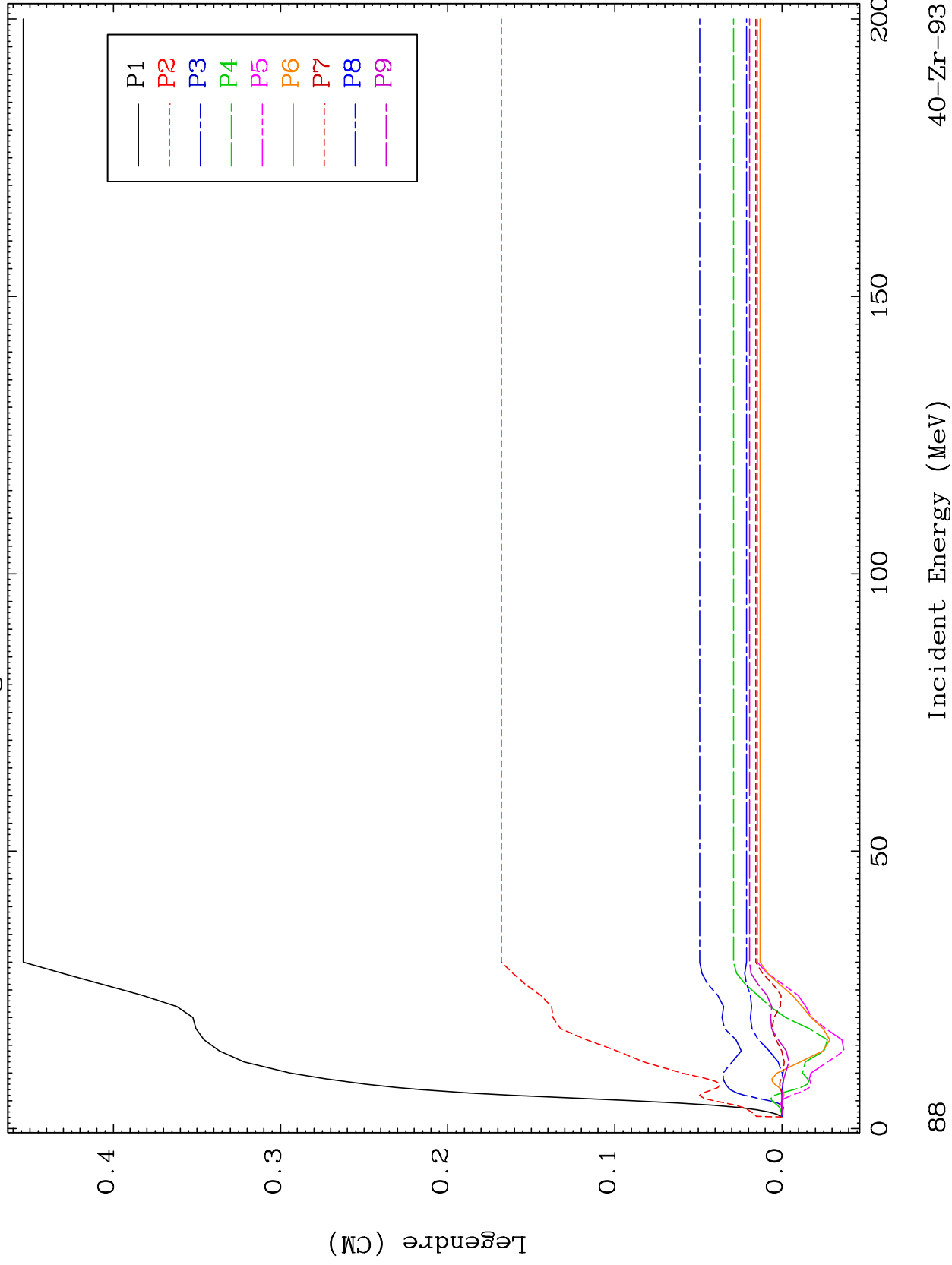




MAT 4034

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

40-Zr-93



88

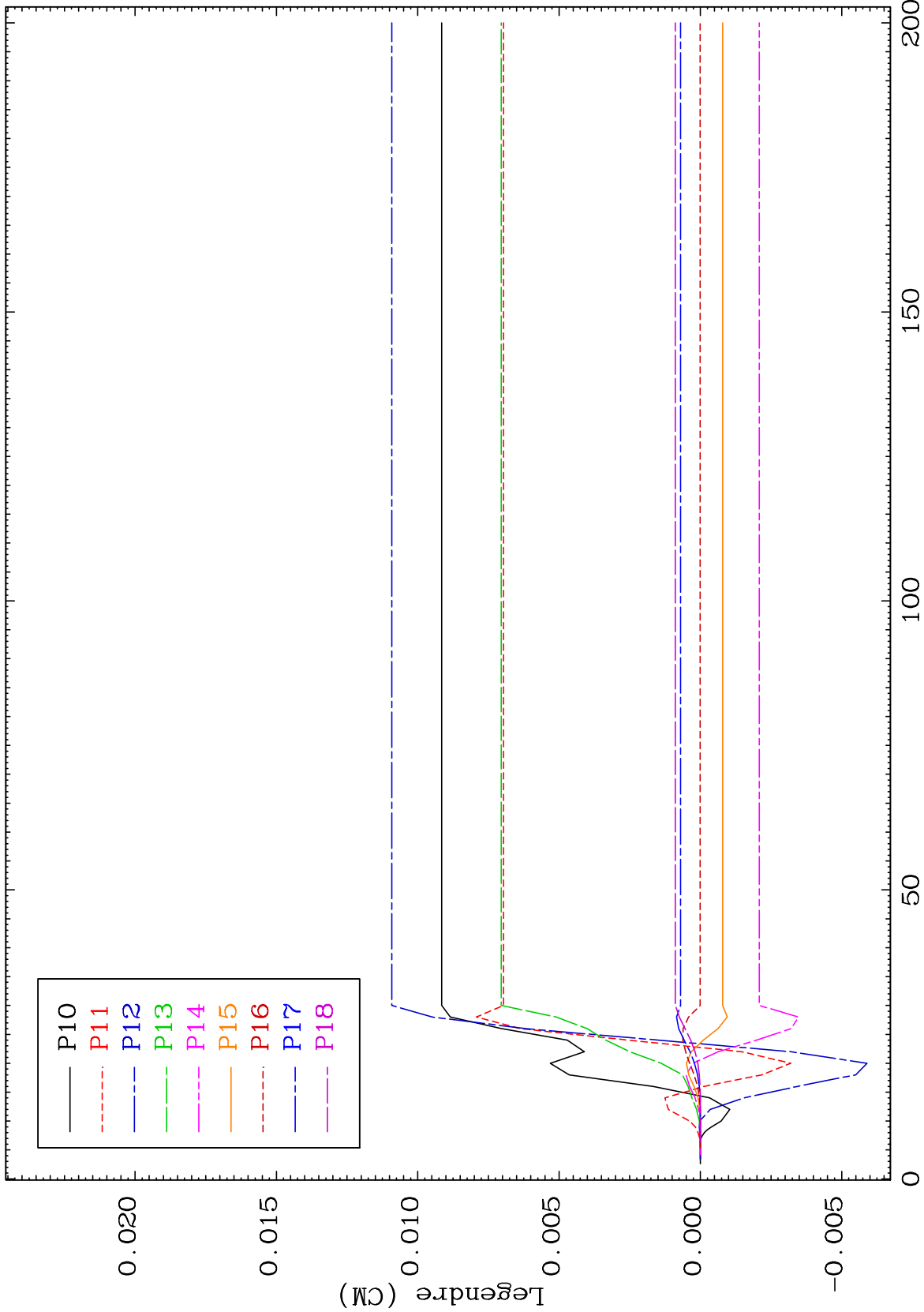
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

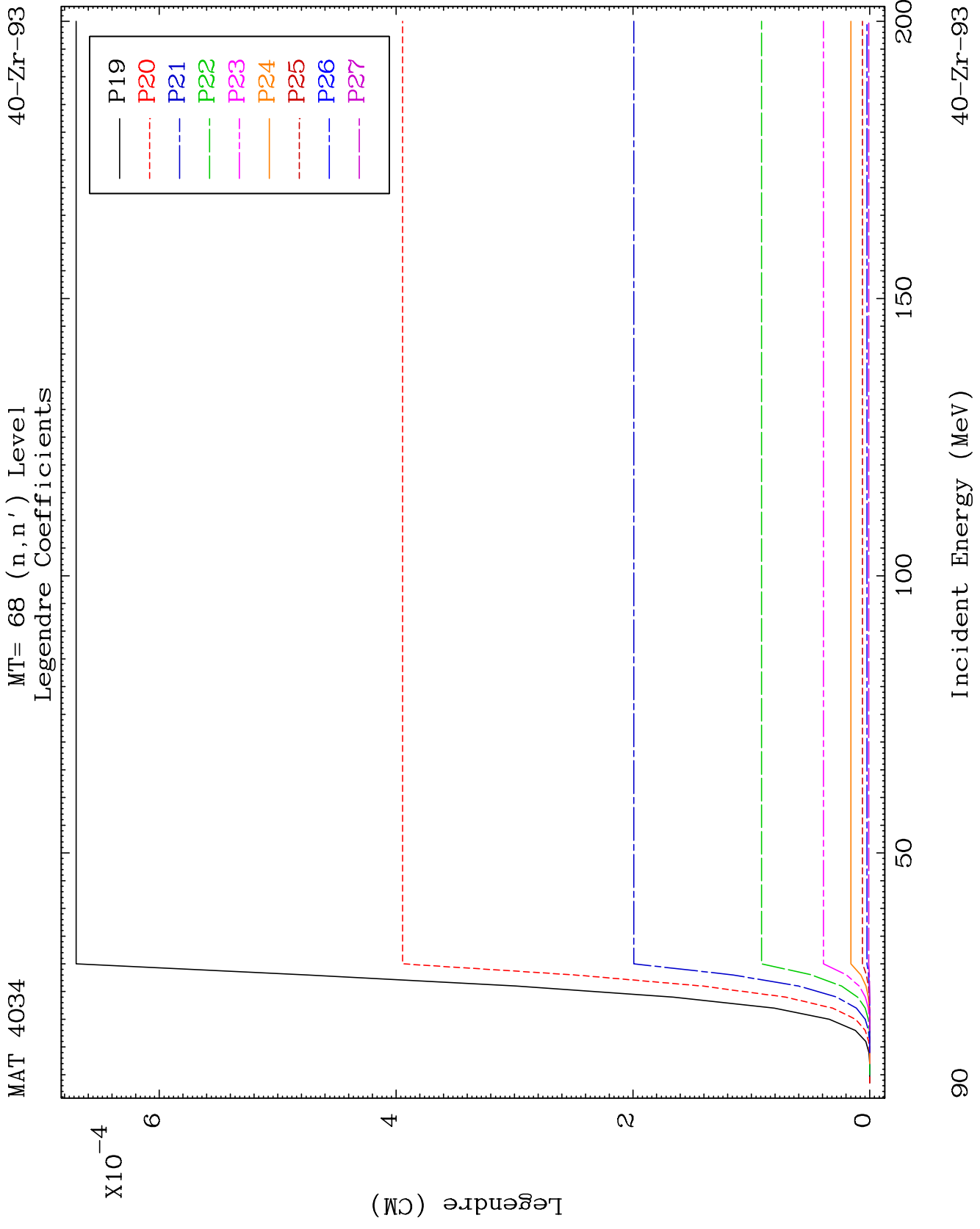
40-Zr-93



89

Incident Energy (MeV)

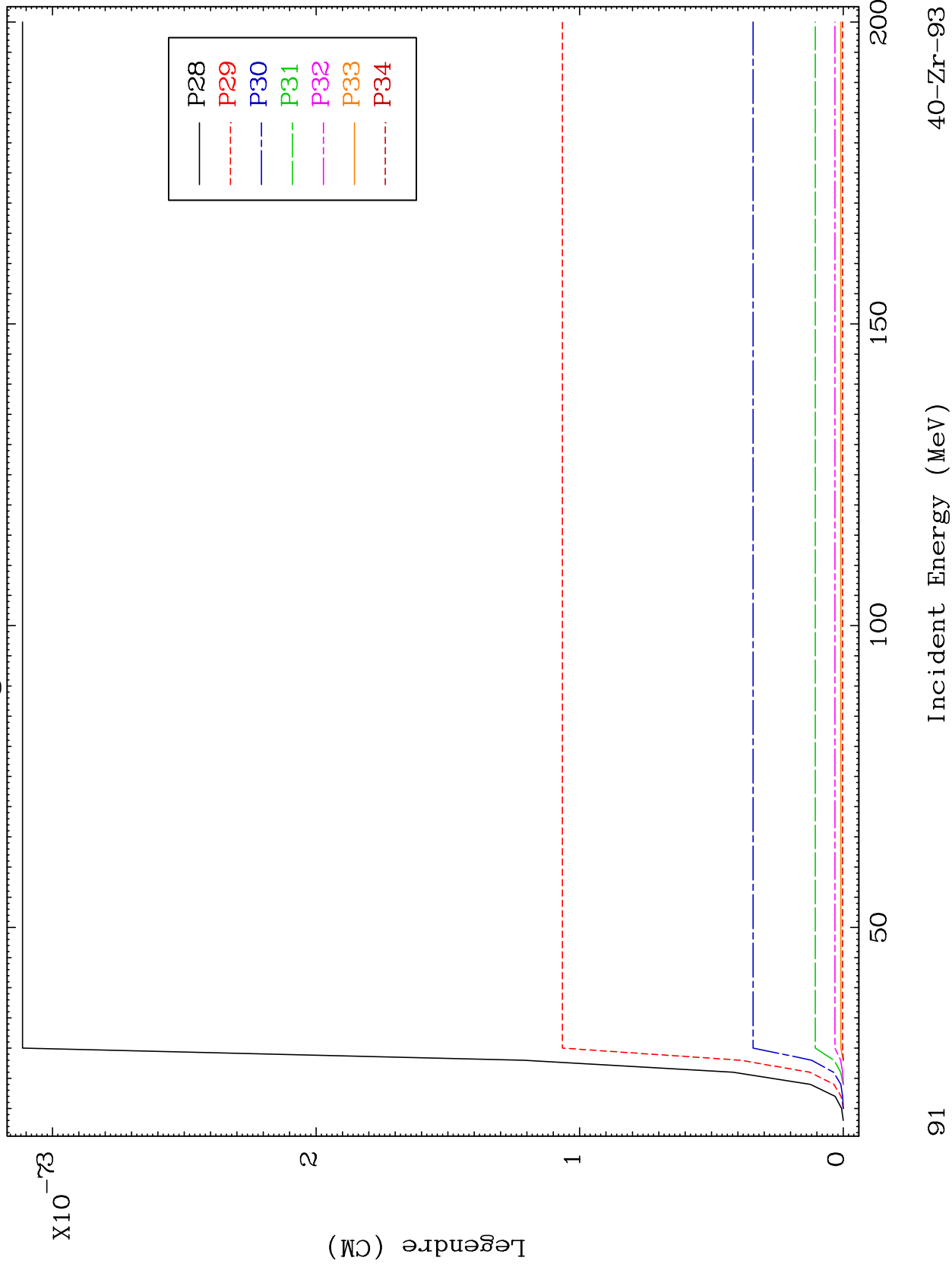
40-Zr-93



MAT 4034

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

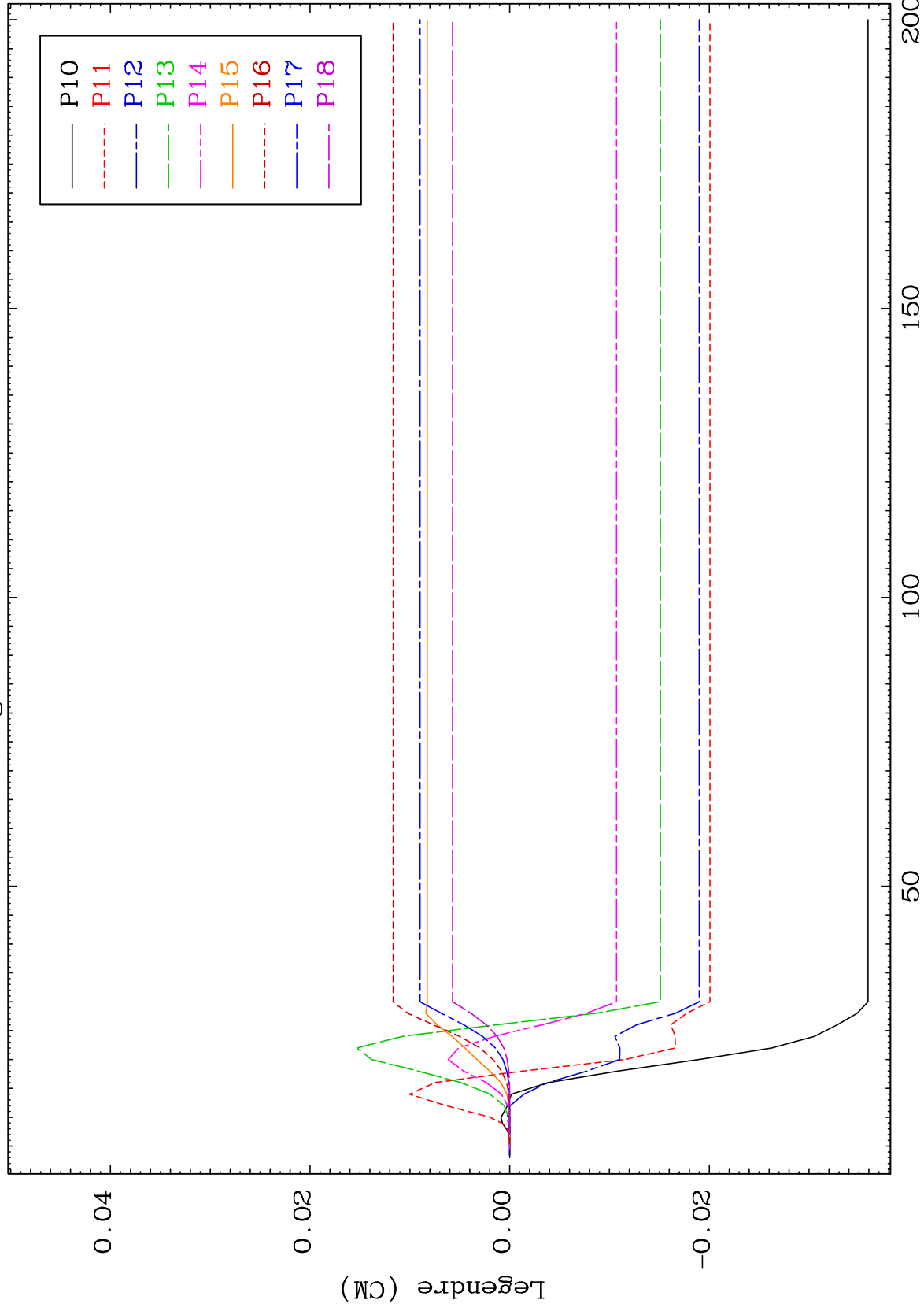
40-Zr-93



MAT 4034

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

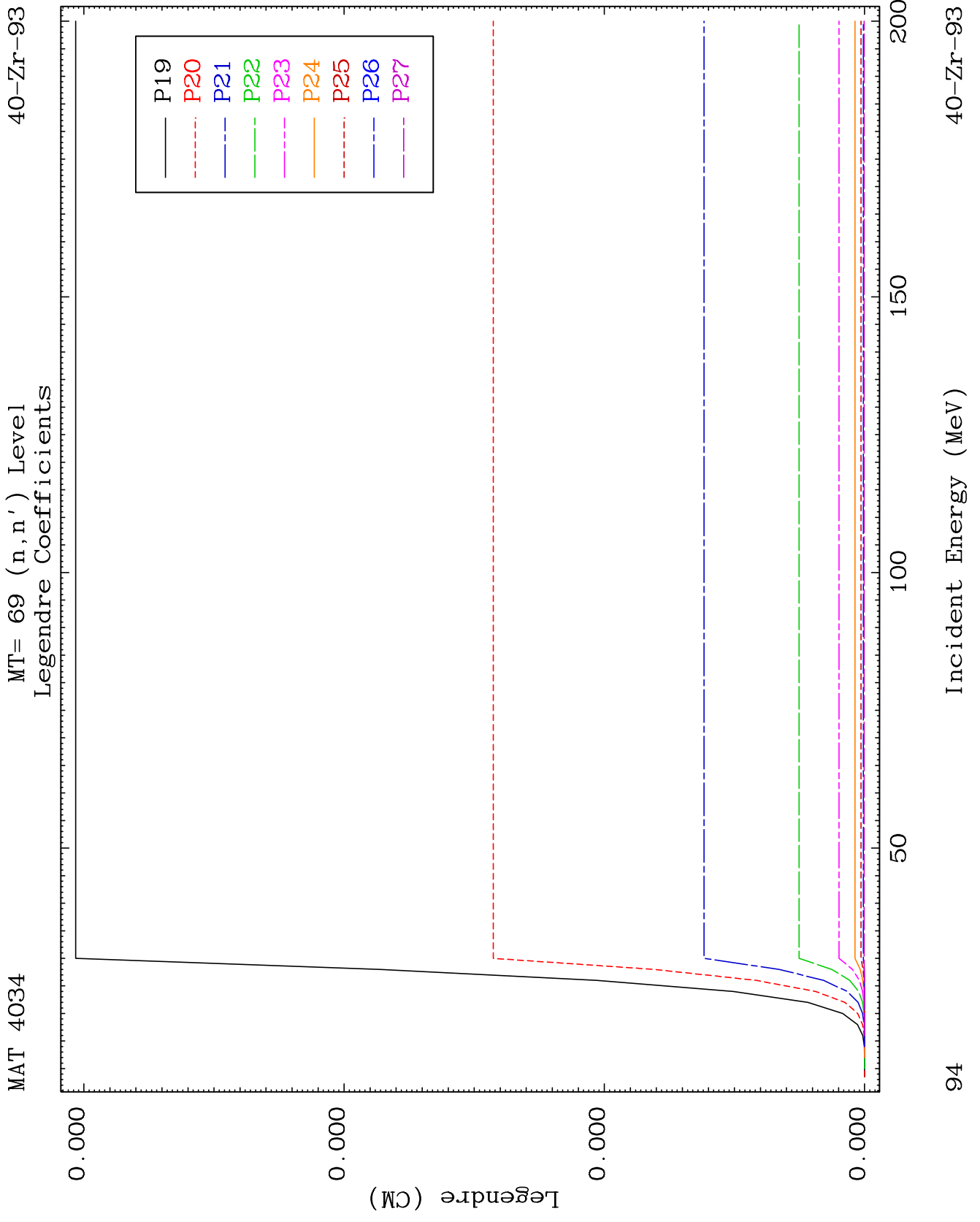
40-Zr-93

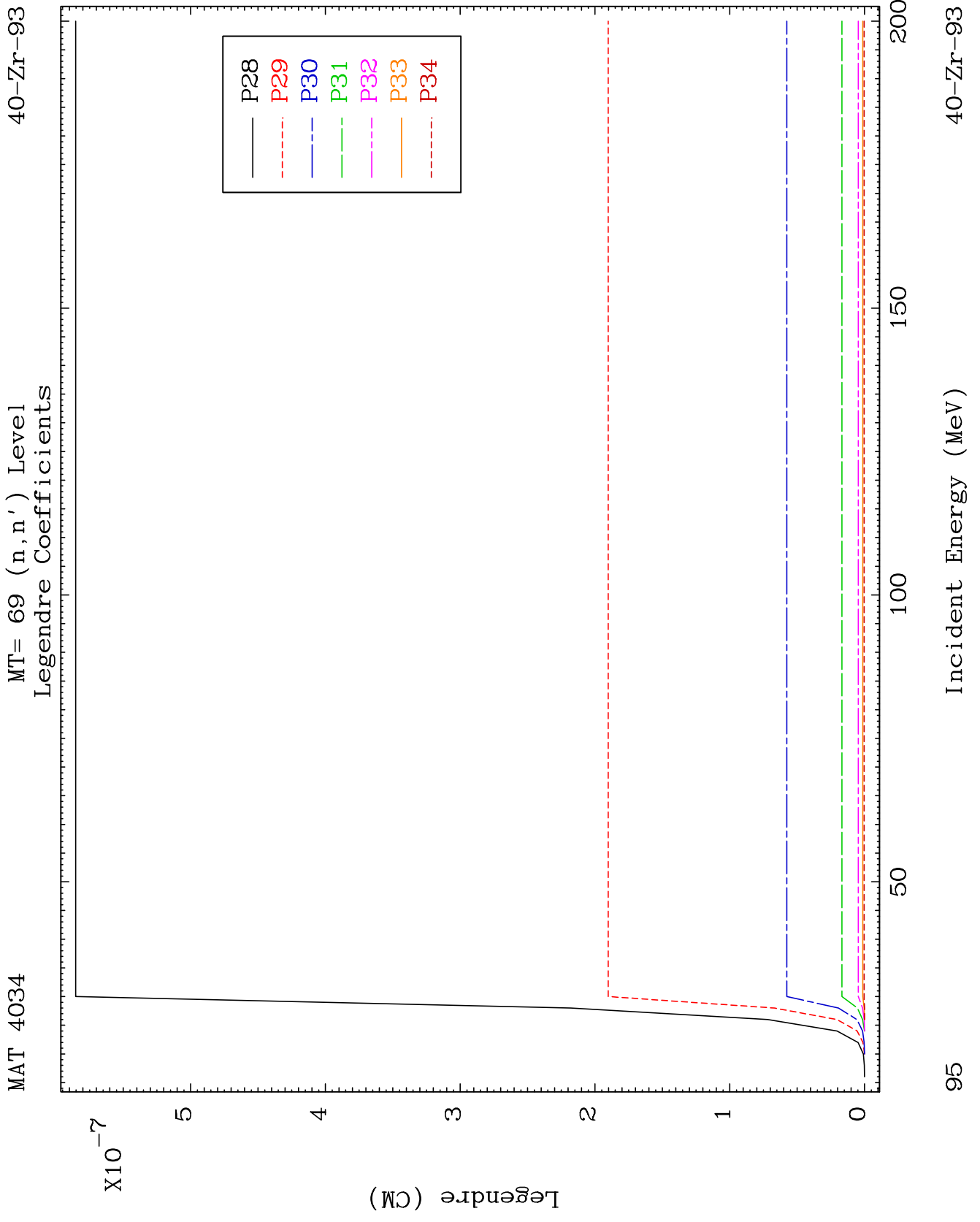


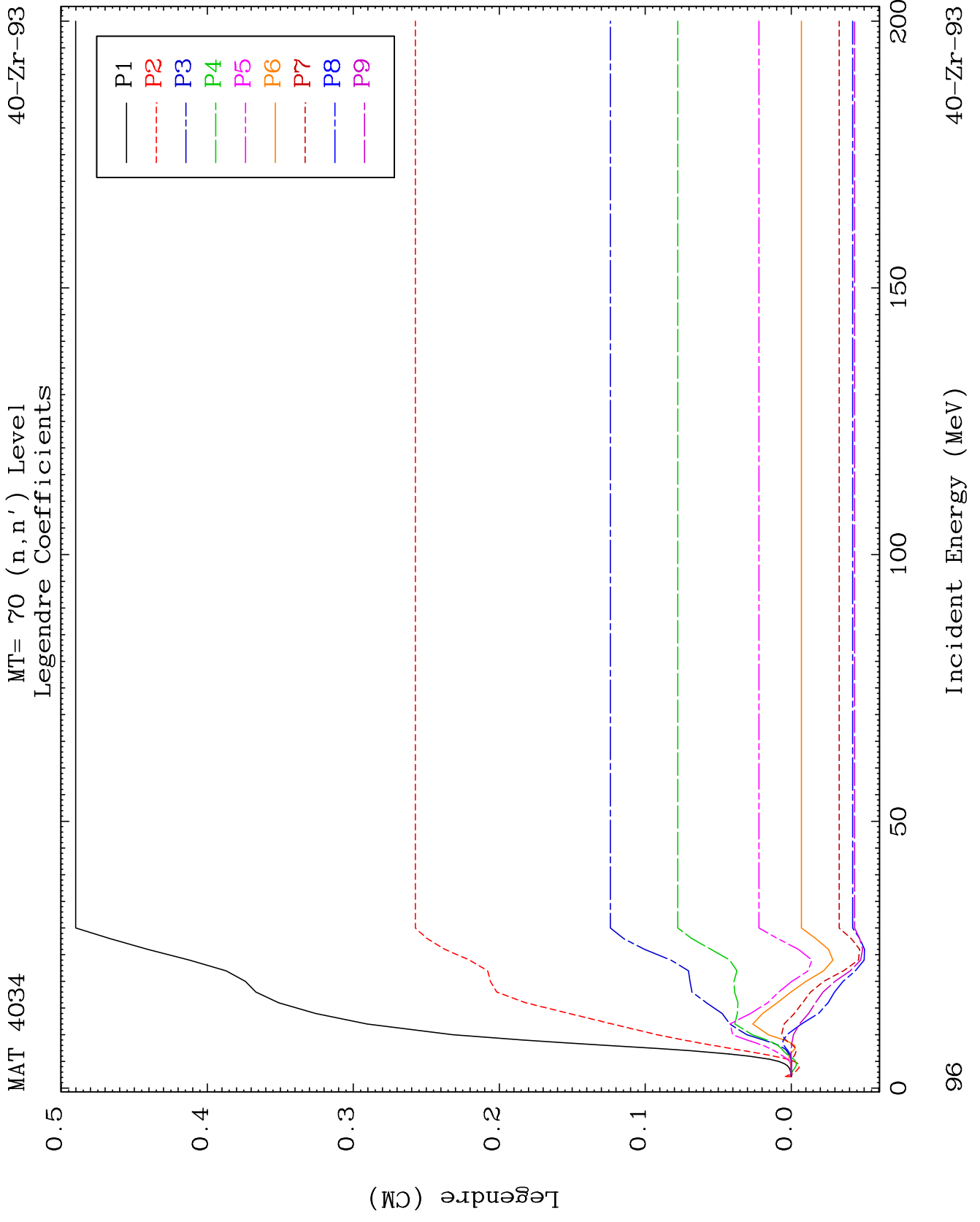
93

Incident Energy (MeV)

40-Zr-93



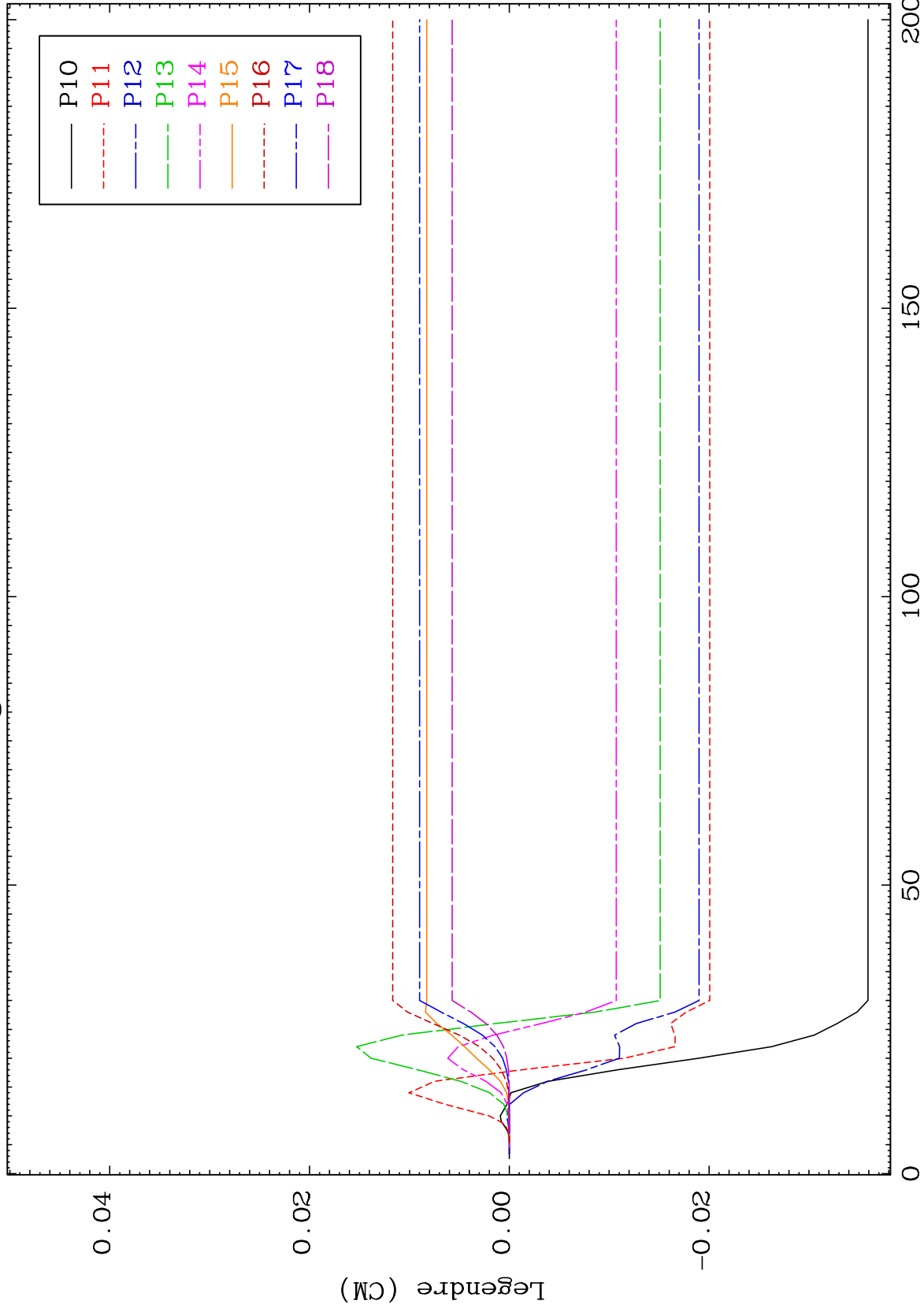




MAT 4034

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

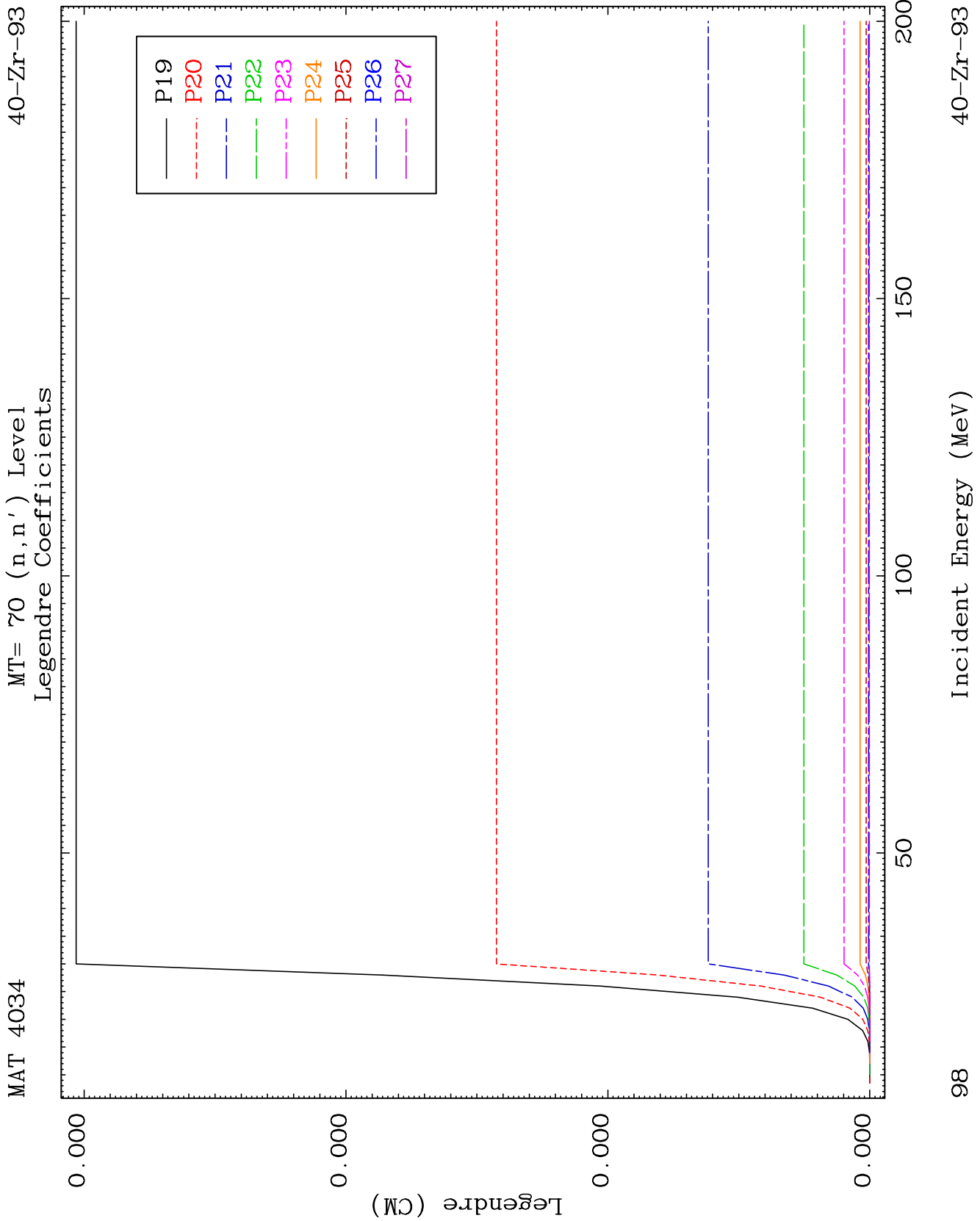
40-Zr-93

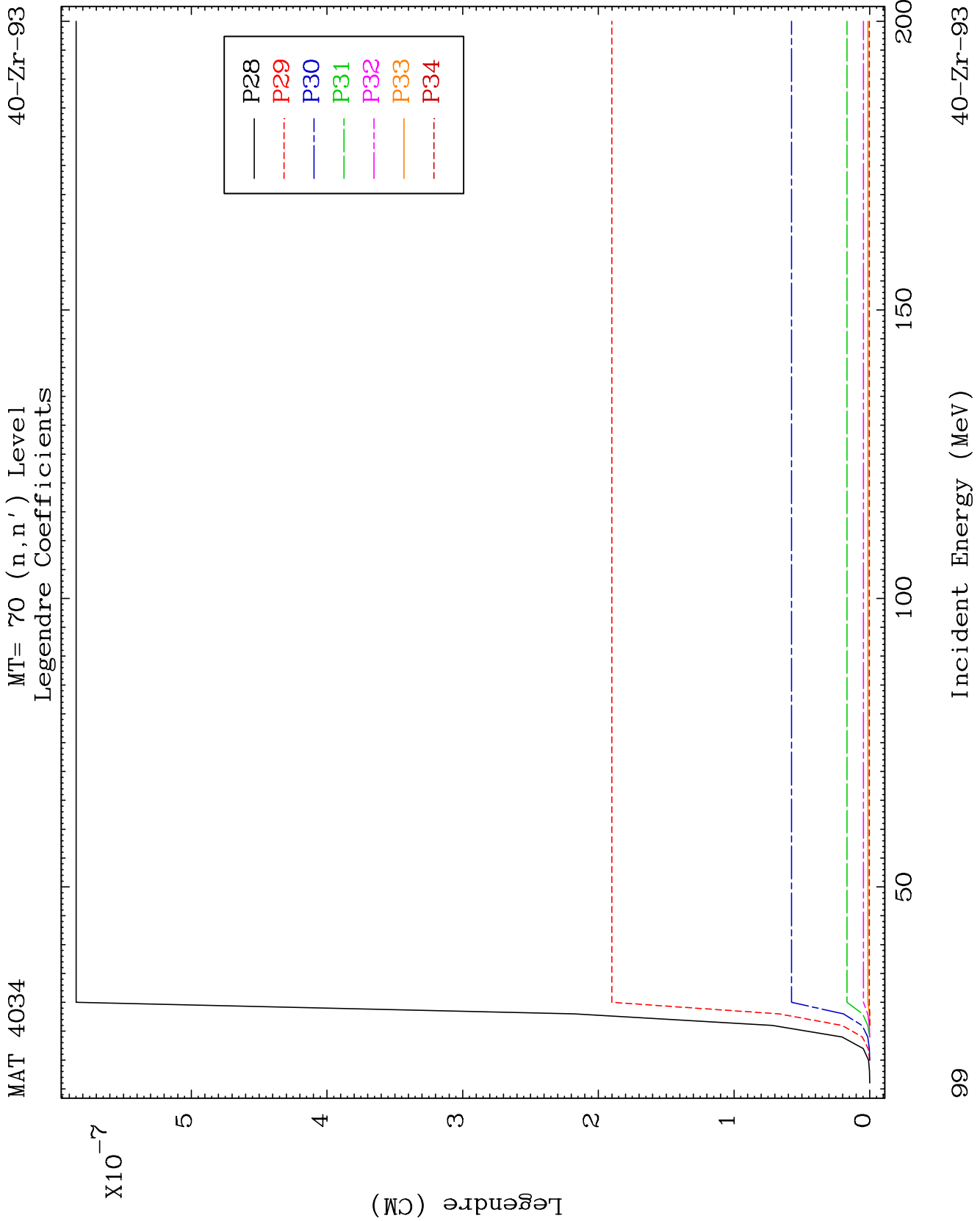


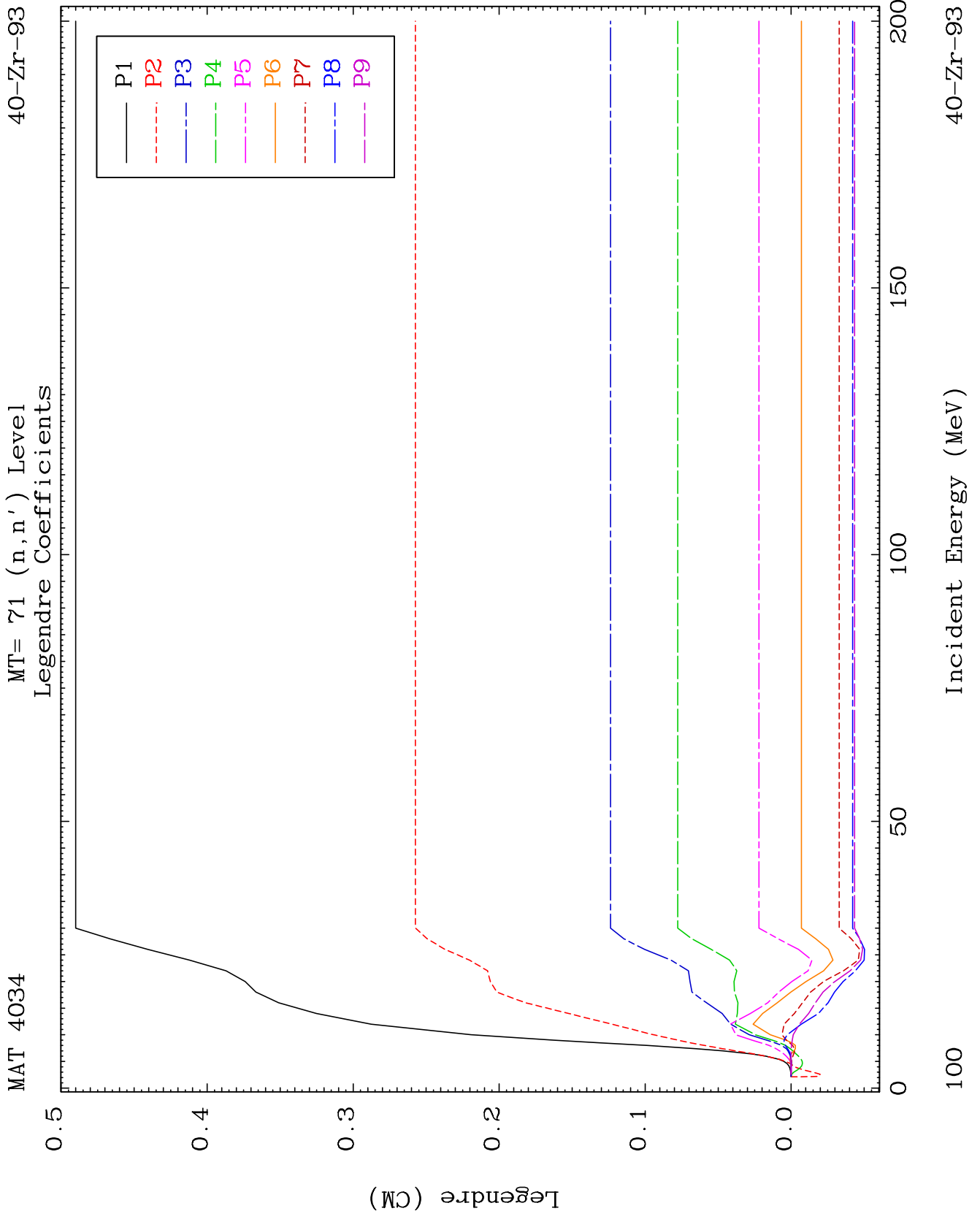
97

Incident Energy (MeV)

40-Zr-93



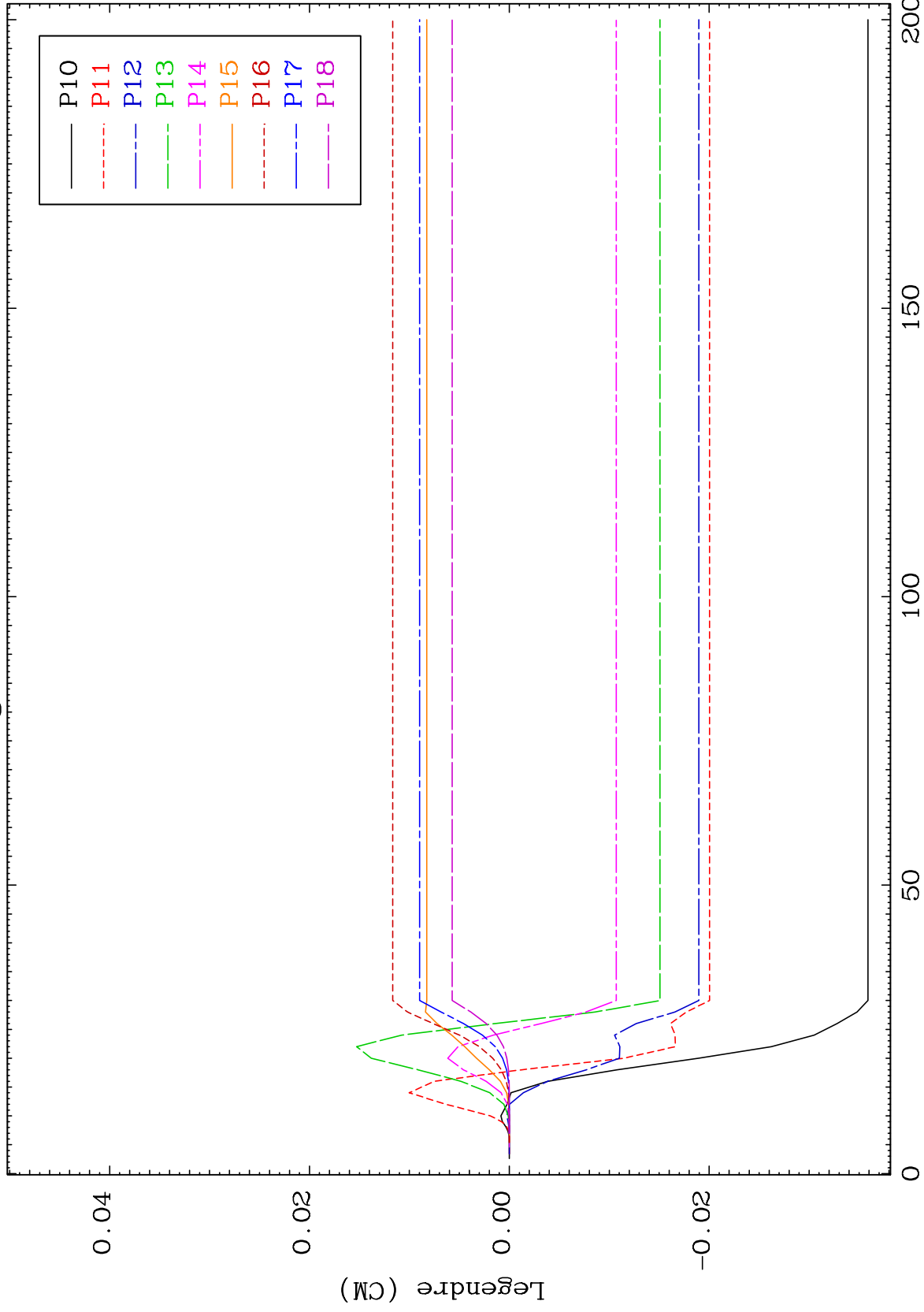




MAT 4034

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

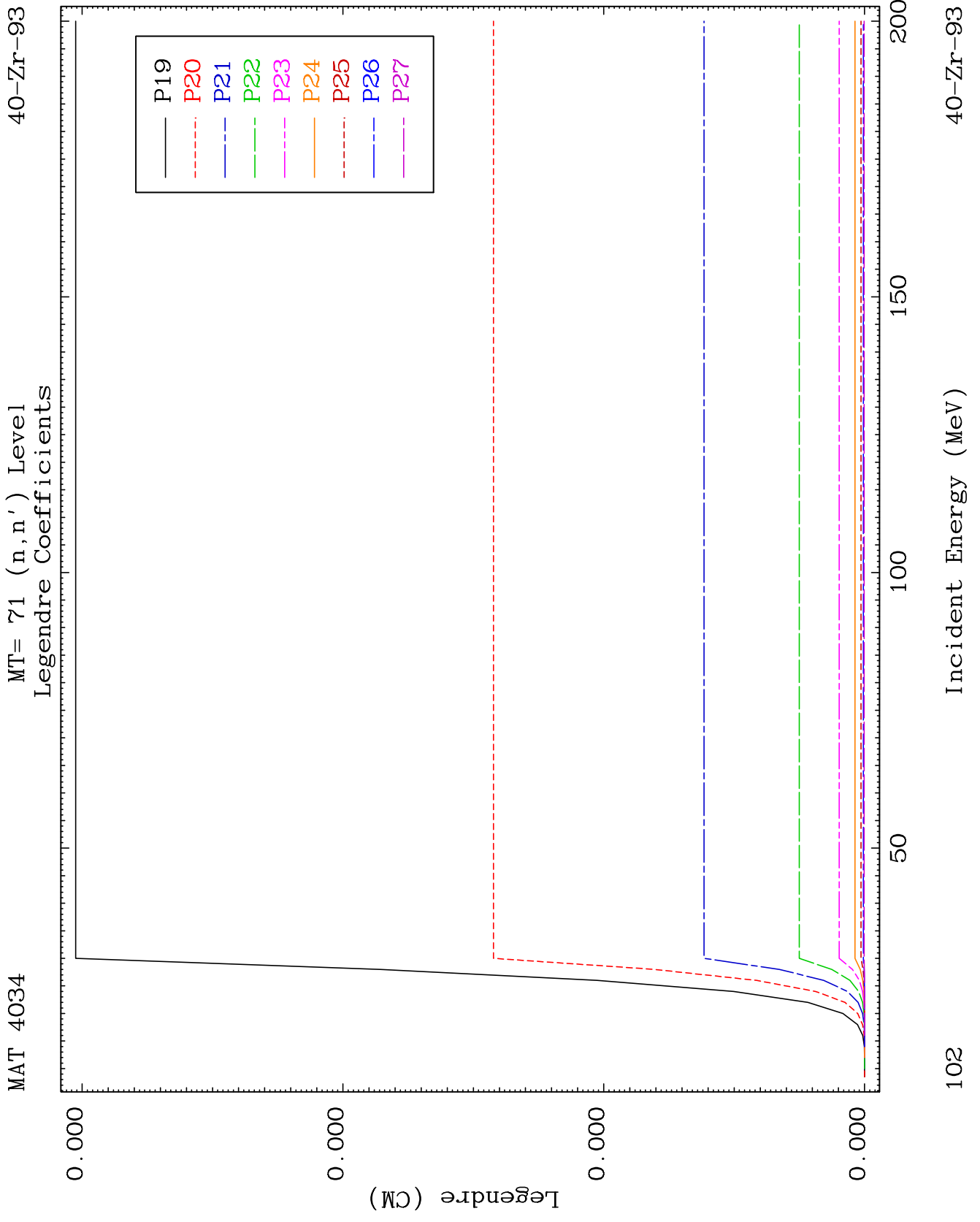
40-Zr-93

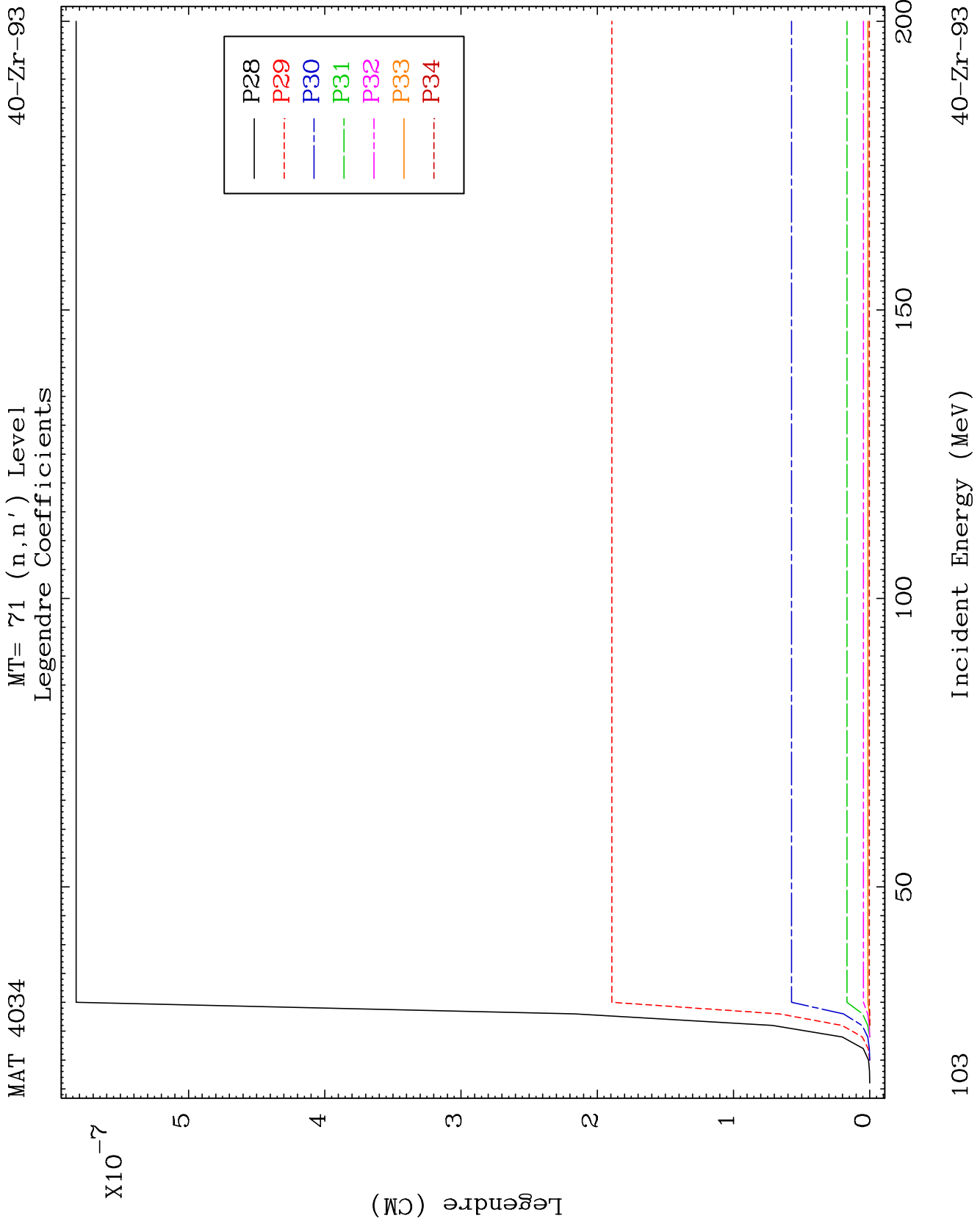


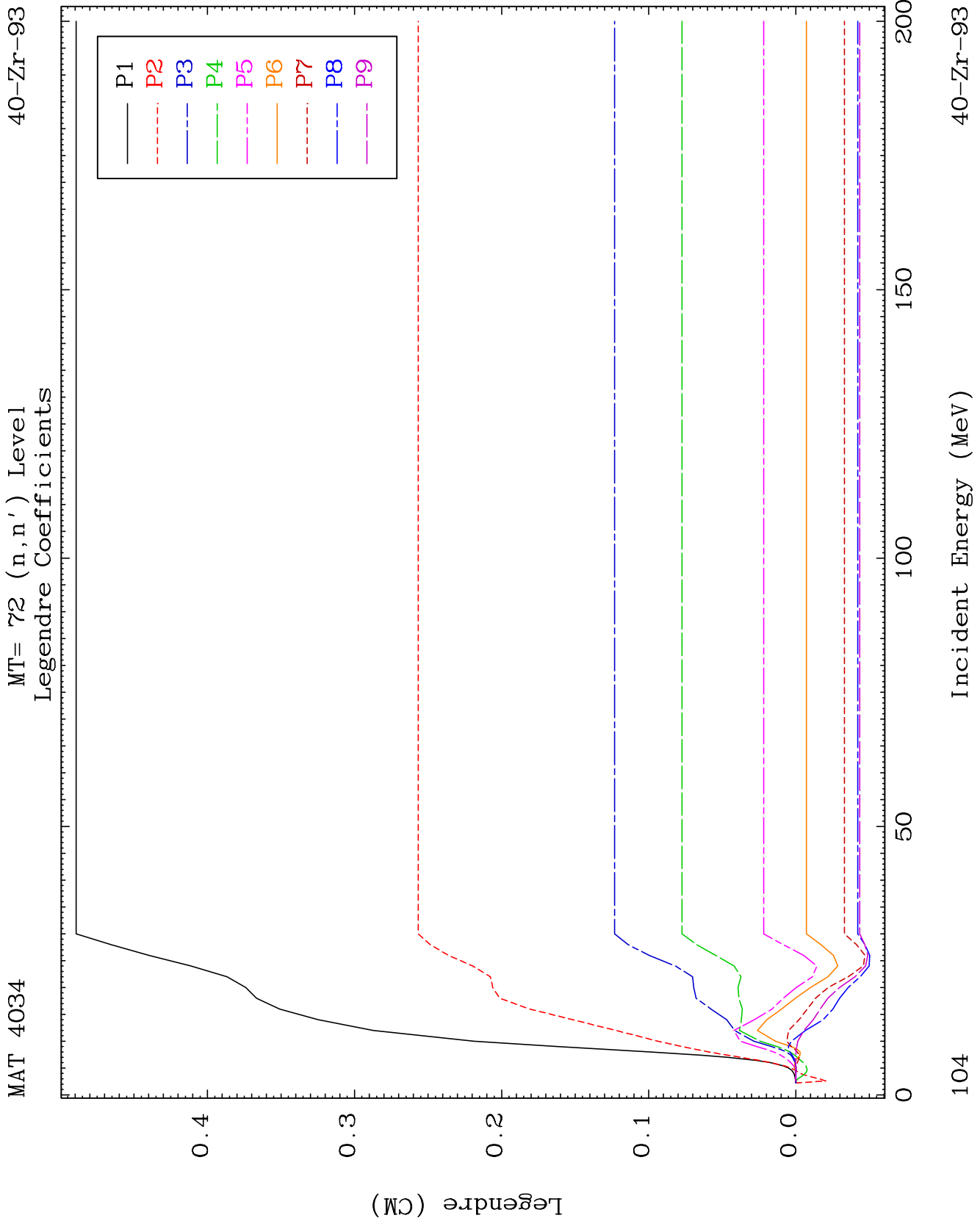
101

Incident Energy (MeV)

40-Zr-93



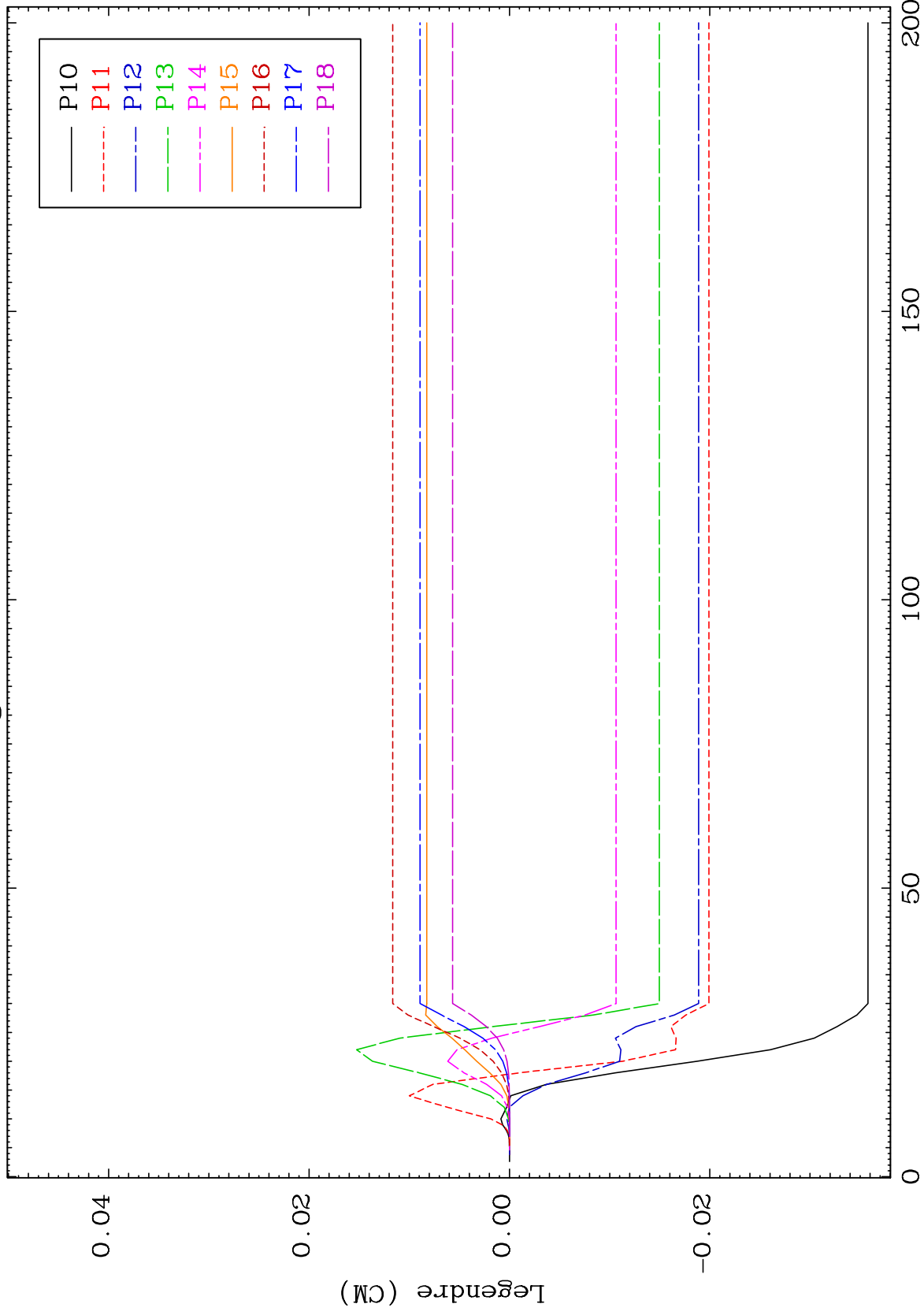




MAT 4034

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

40-Zr-93



105

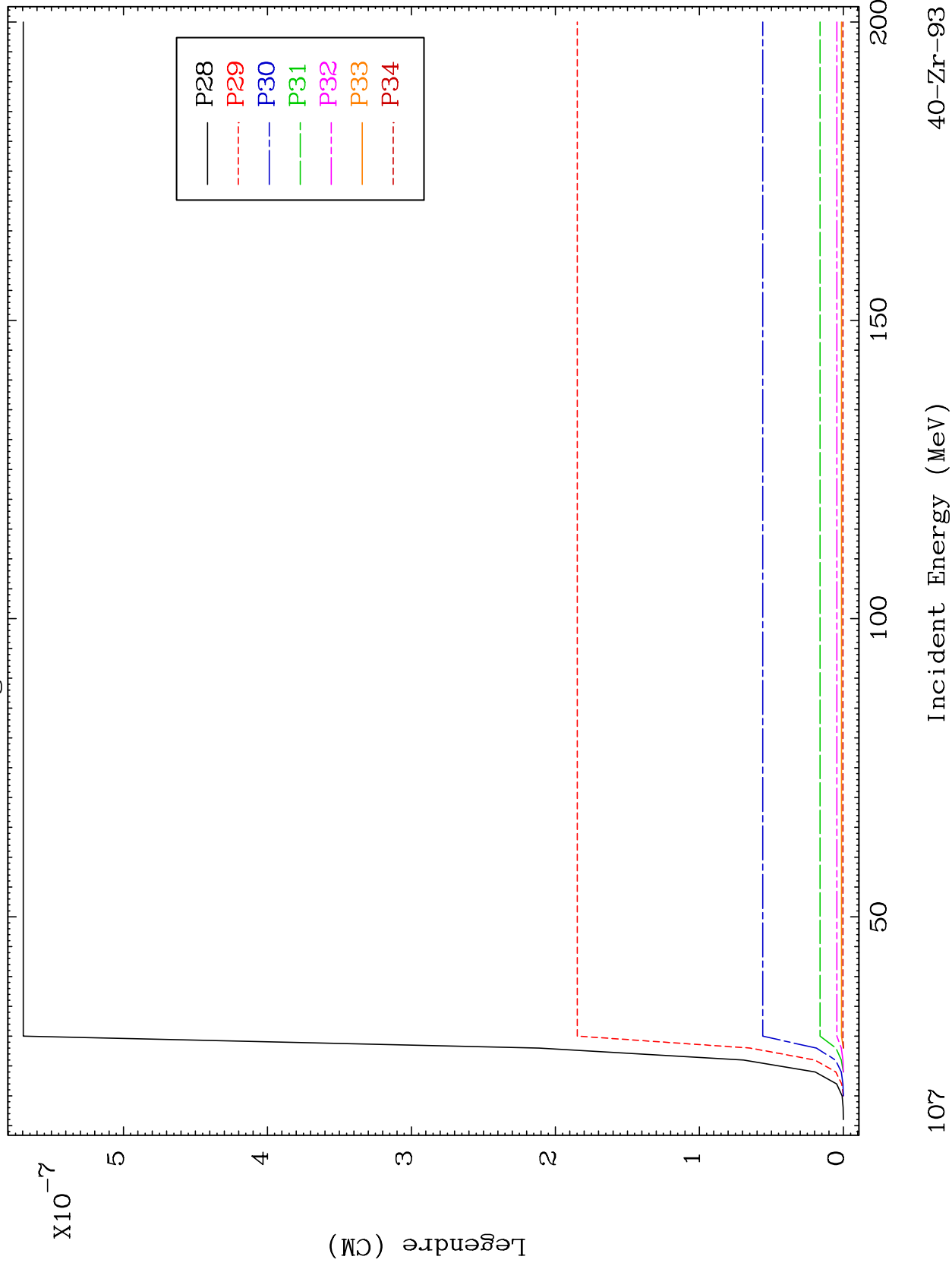
Incident Energy (MeV)

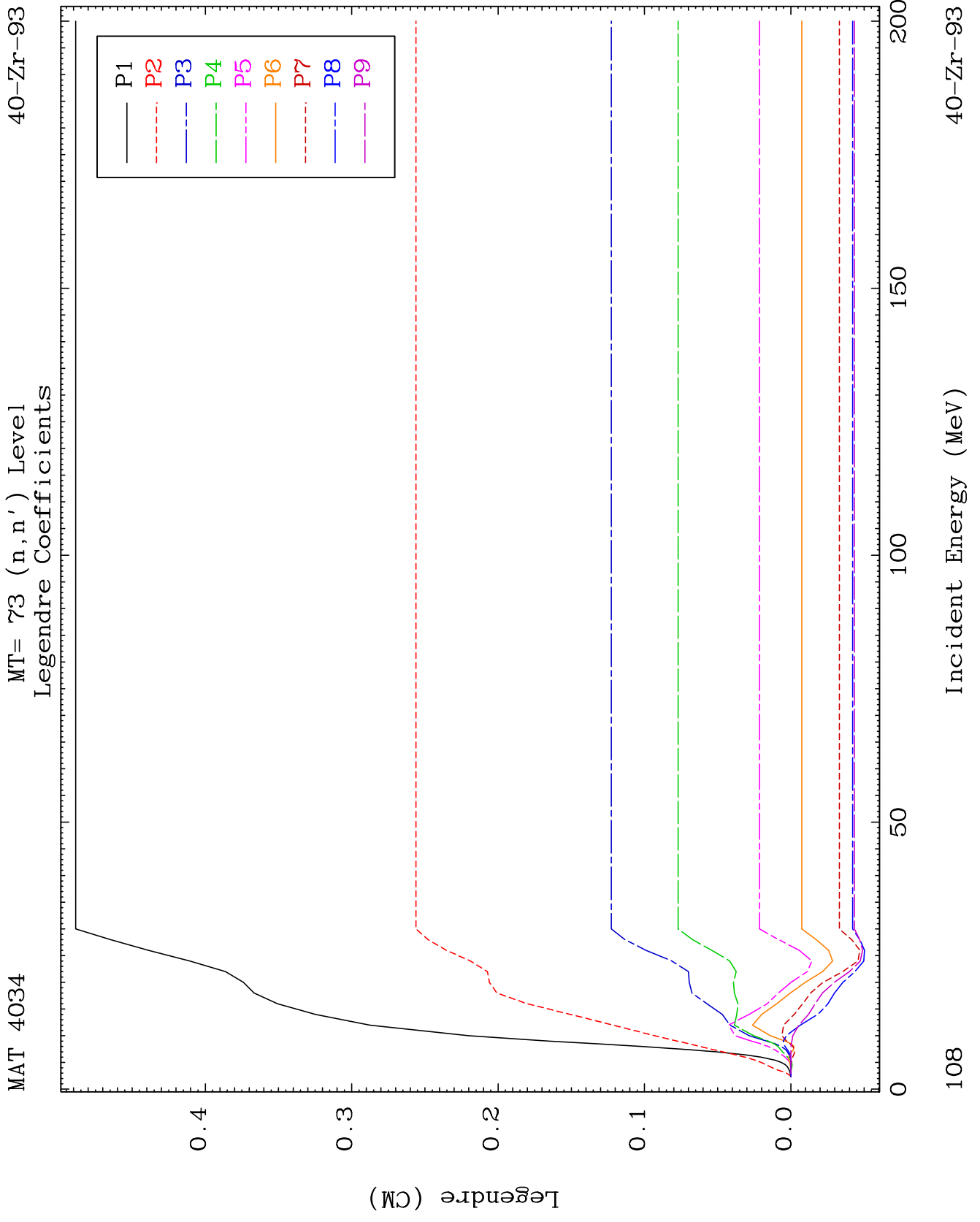
40-Zr-93

MAT 4034

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

40-Zr-93

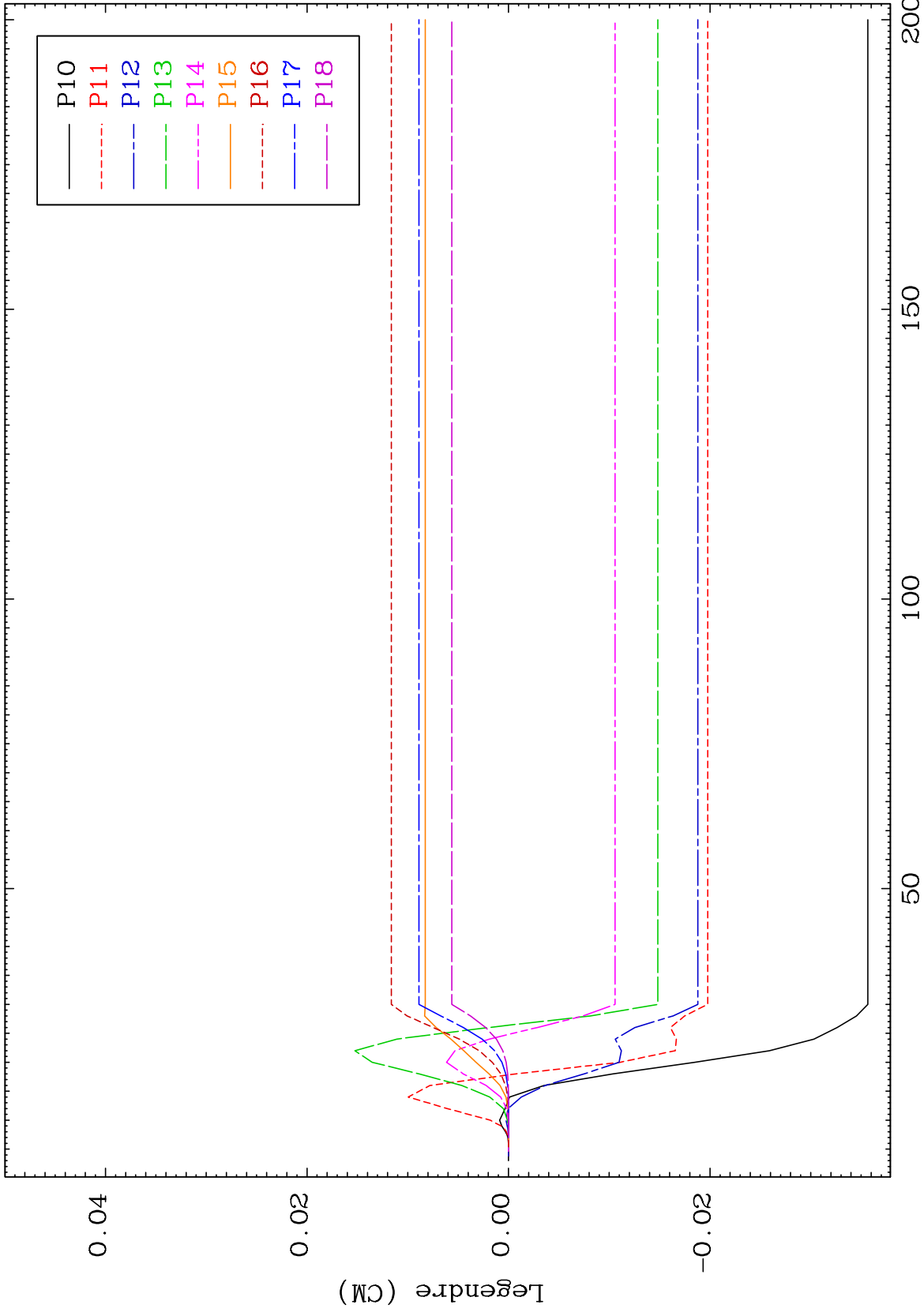




MAT 4034

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

40-Zr-93



109

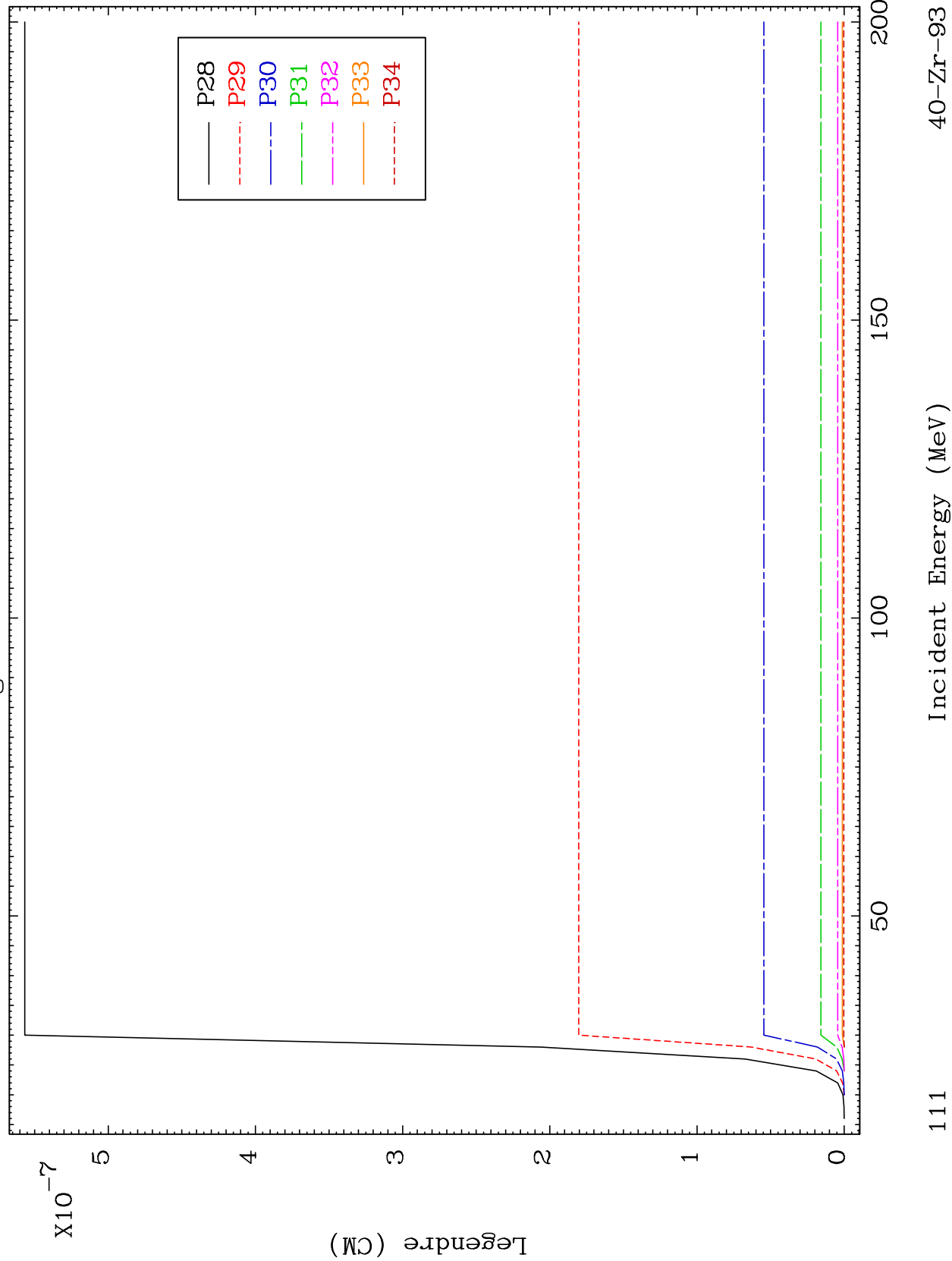
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



111

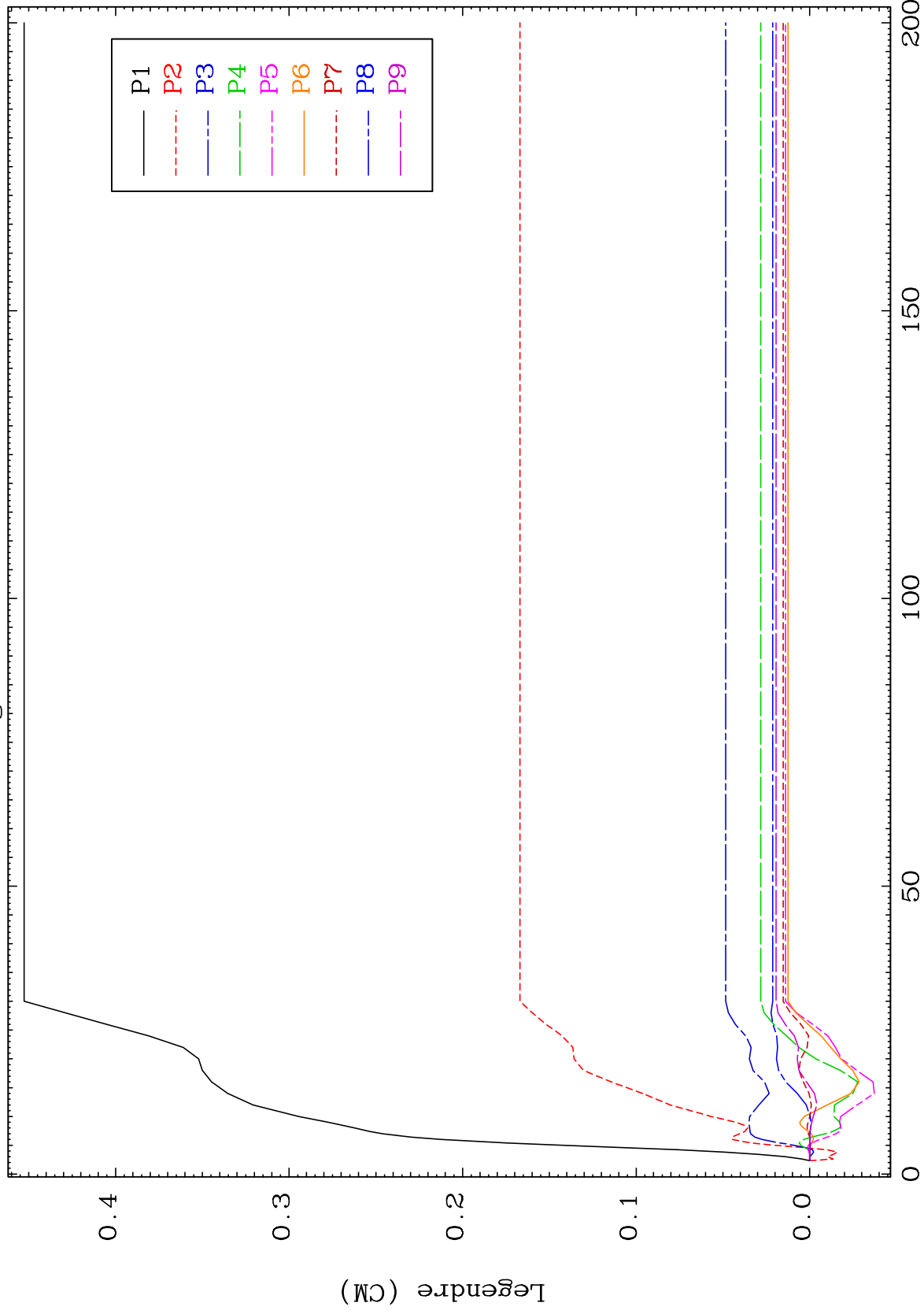
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

40-Zr-93



112

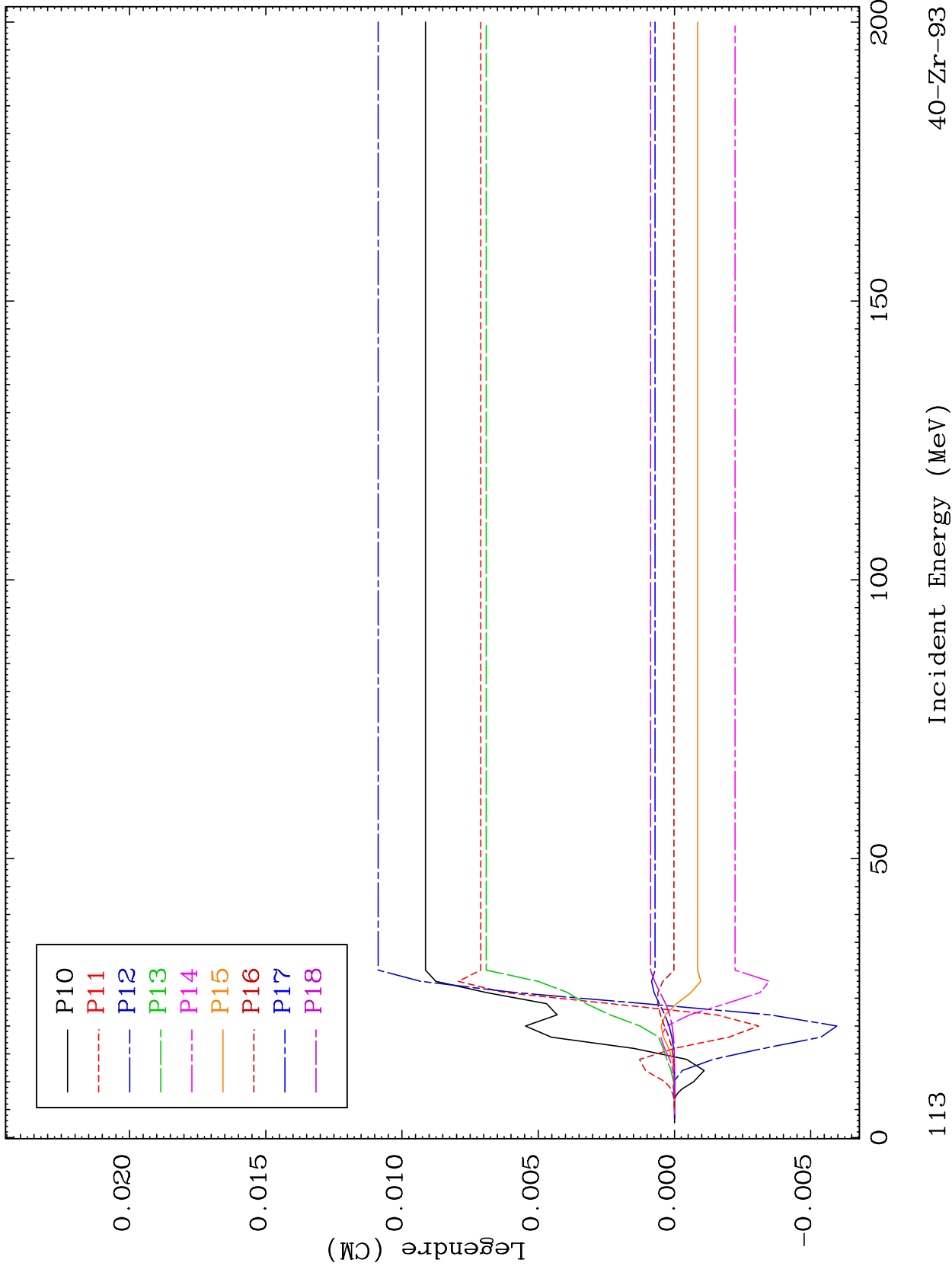
Incident Energy (MeV)

40-Zr-93

MAT 4034

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

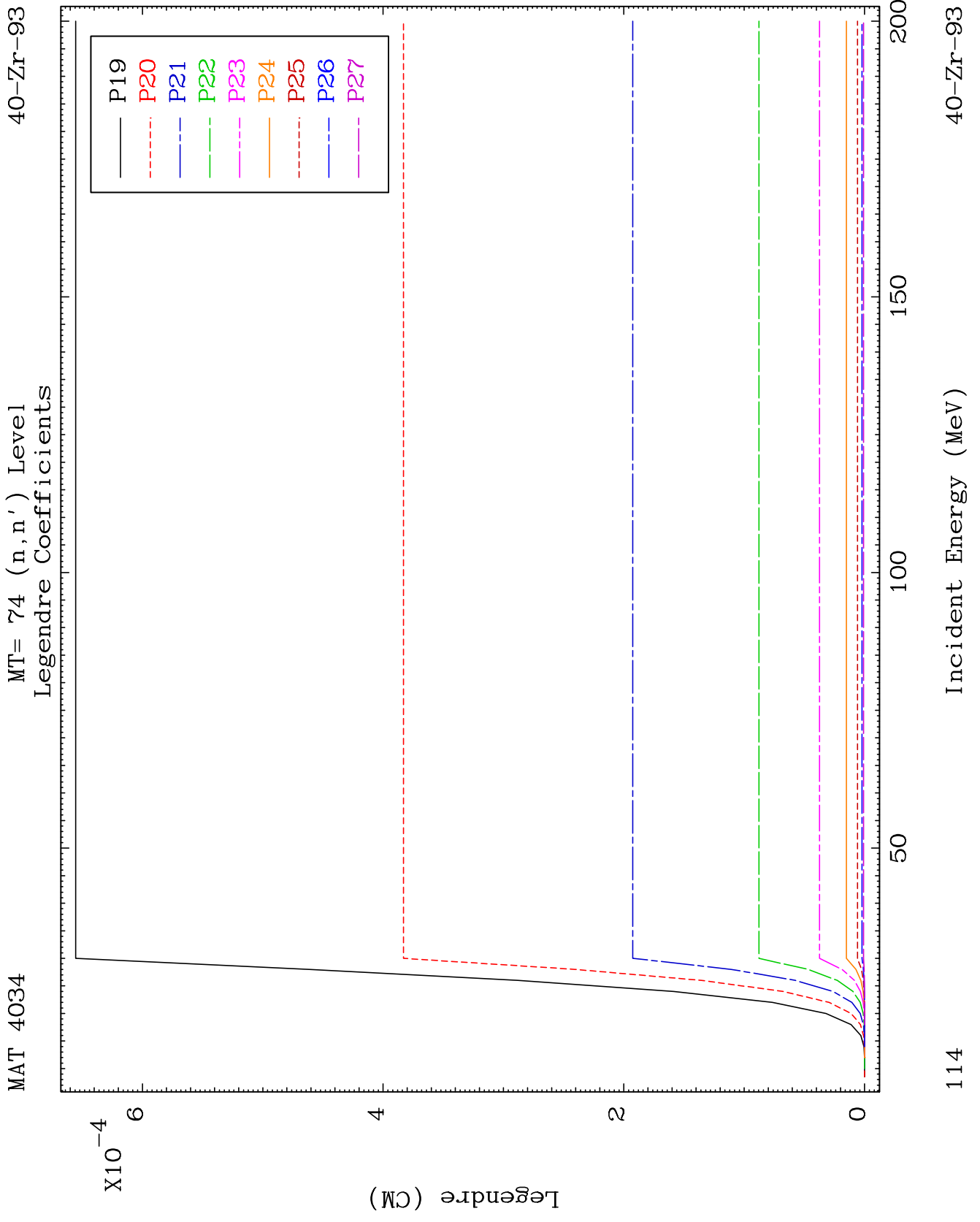
40-Zr-93

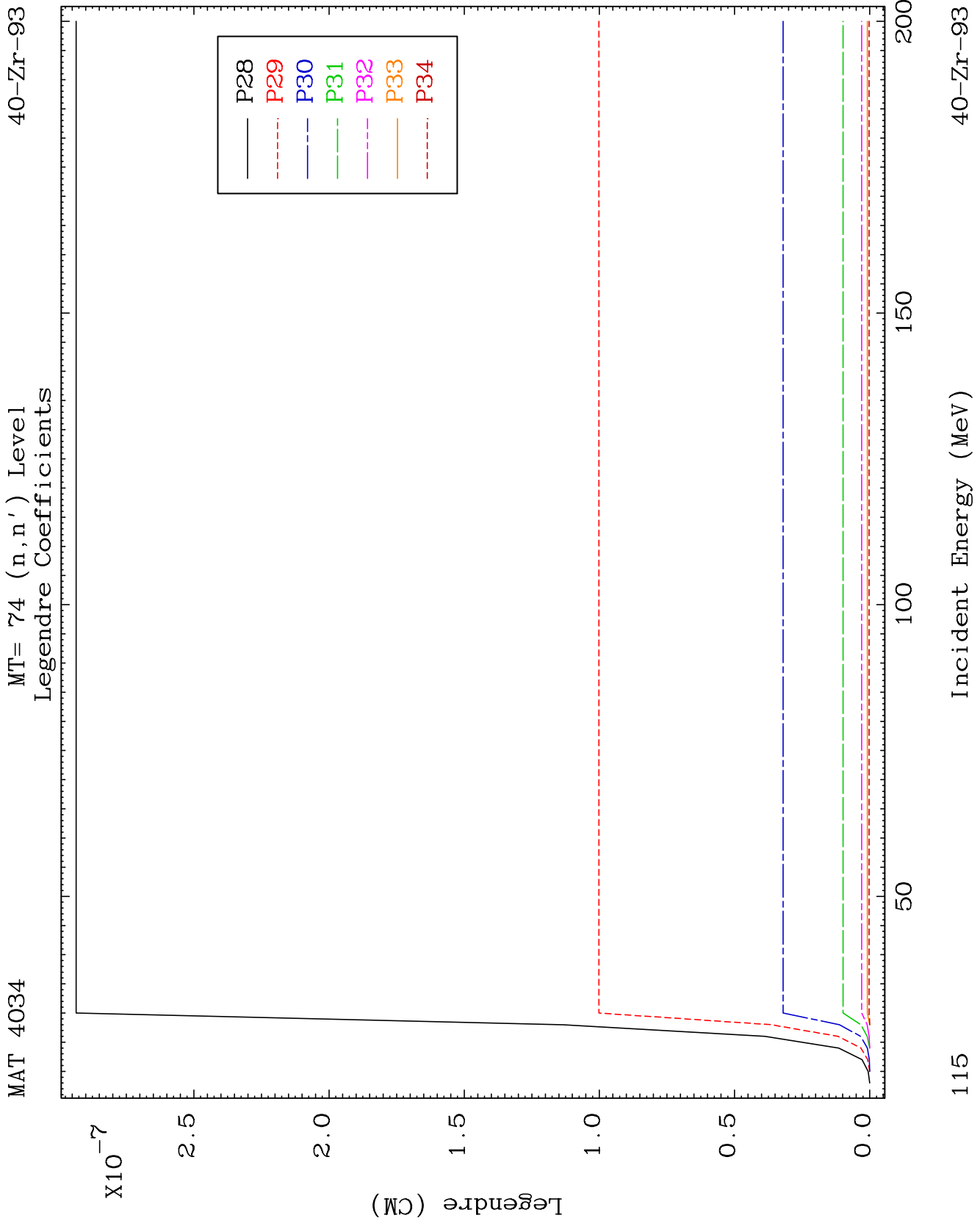


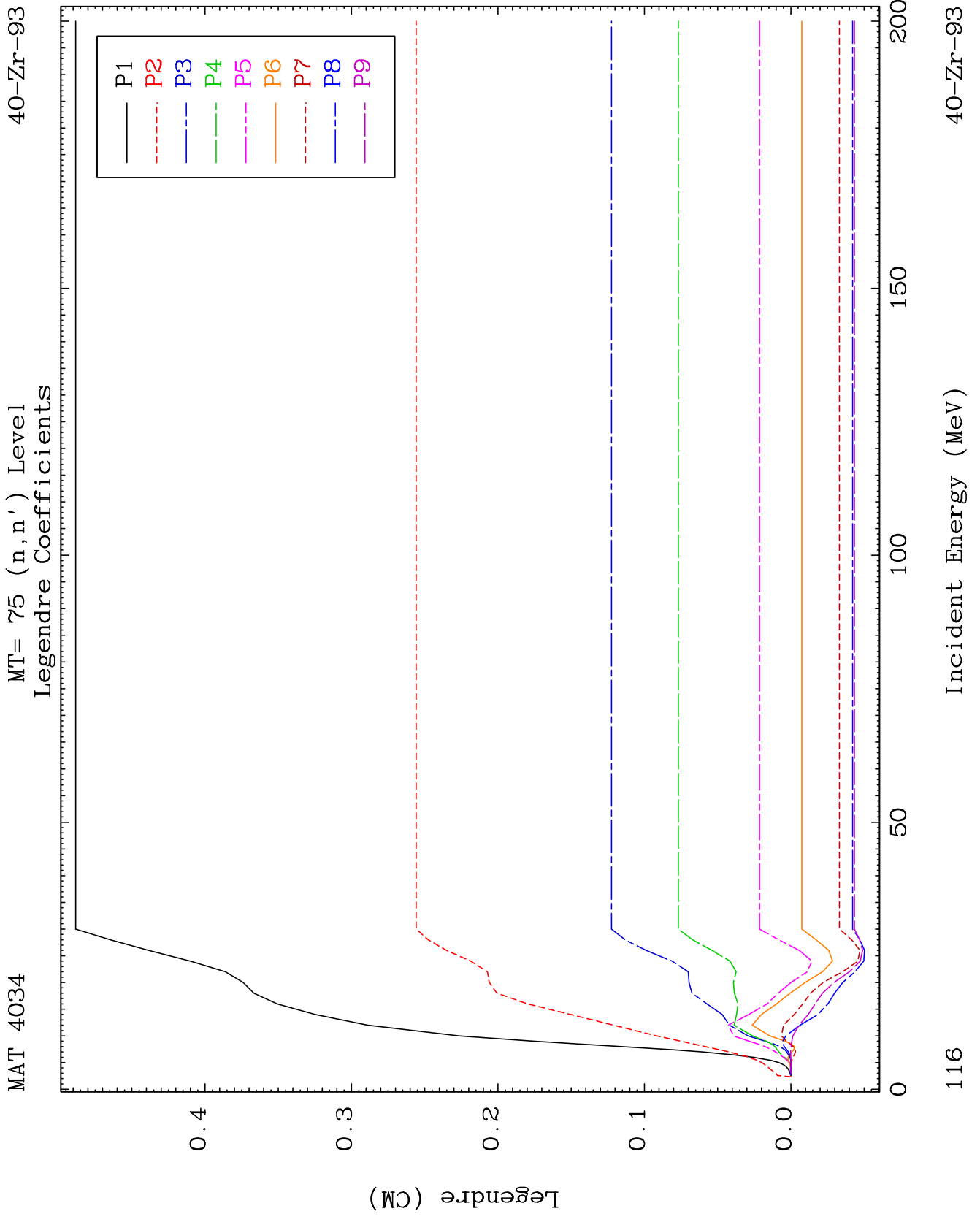
113

Incident Energy (MeV)

40-Zr-93



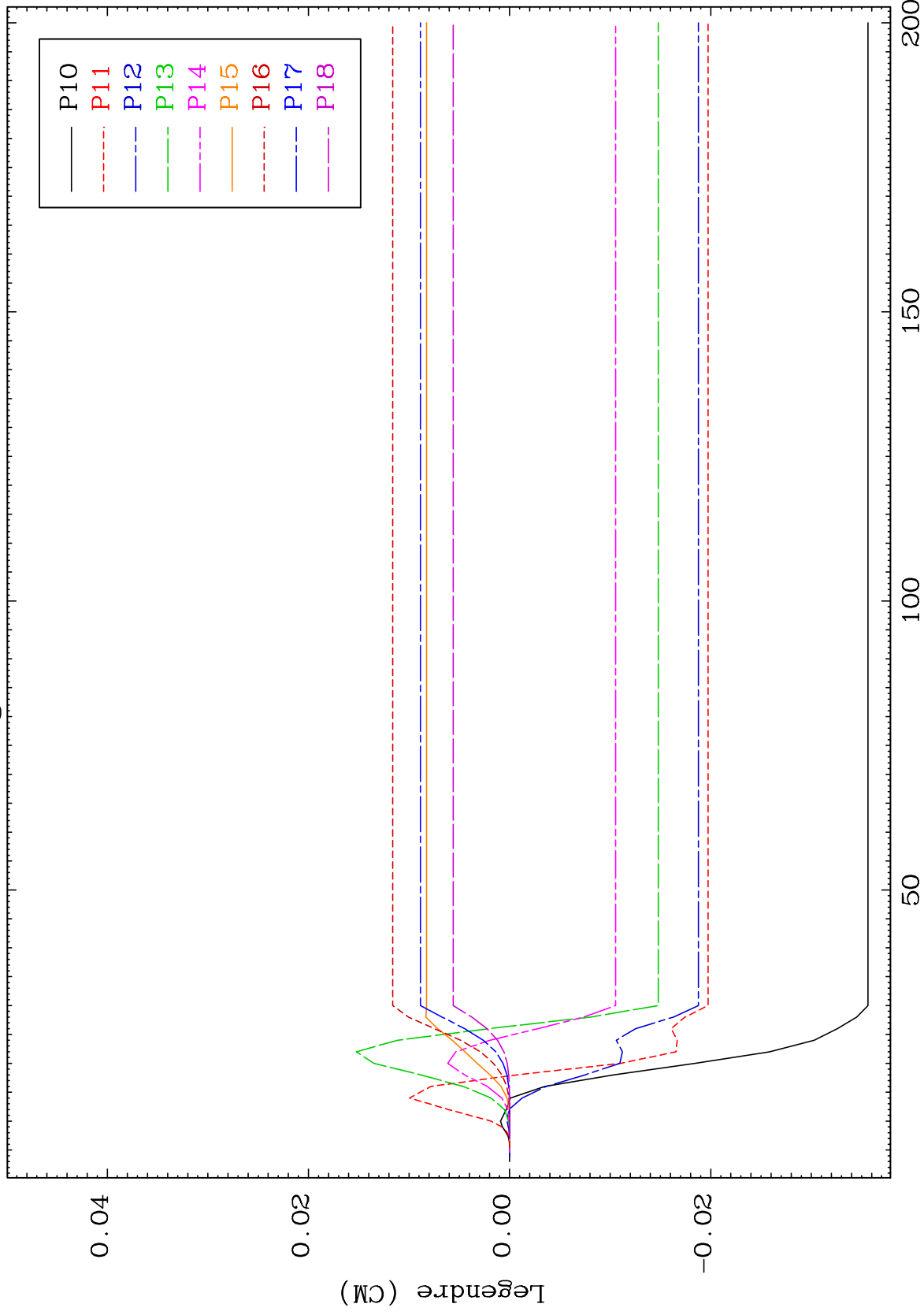




MAT 4034

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

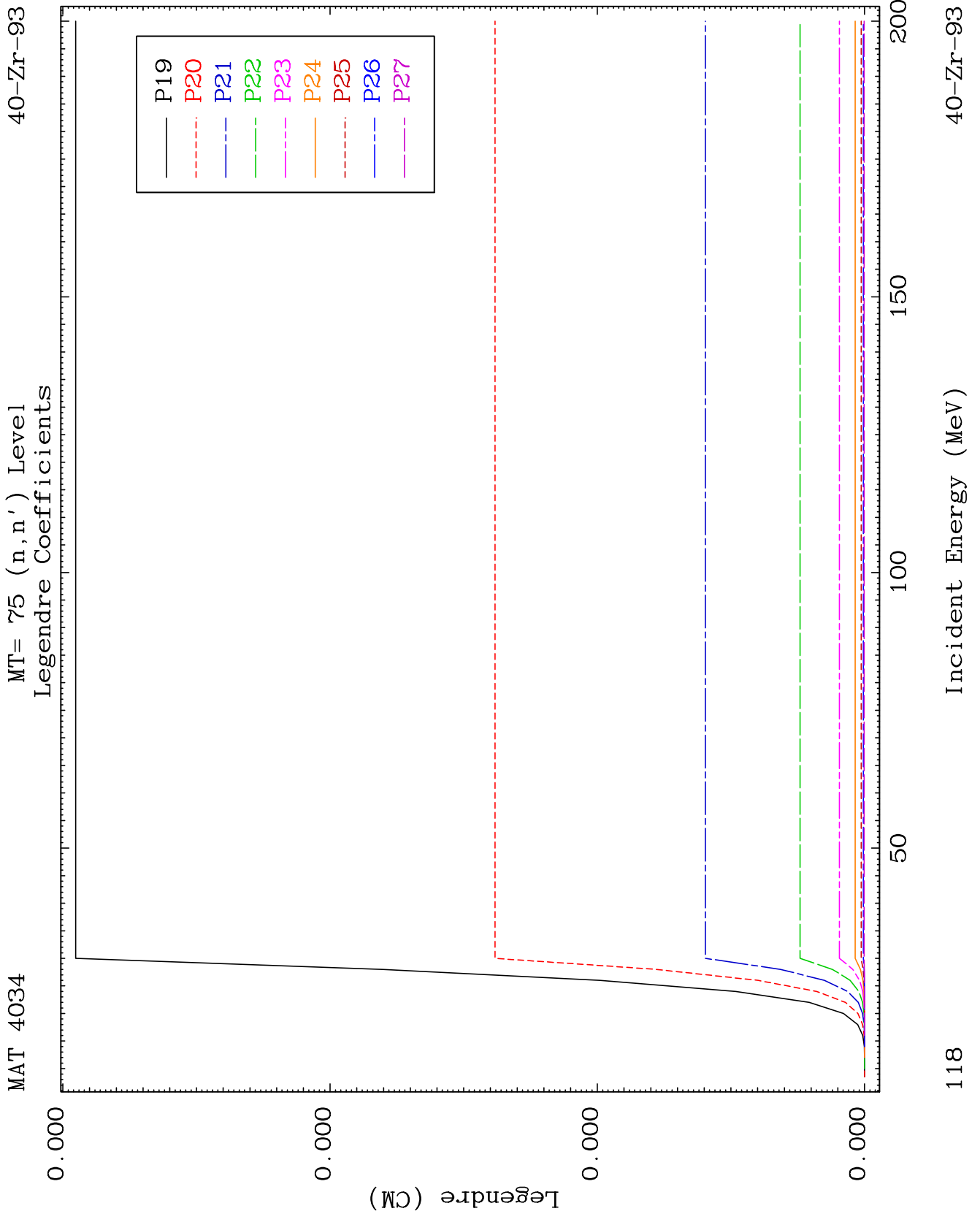
40-Zr-93

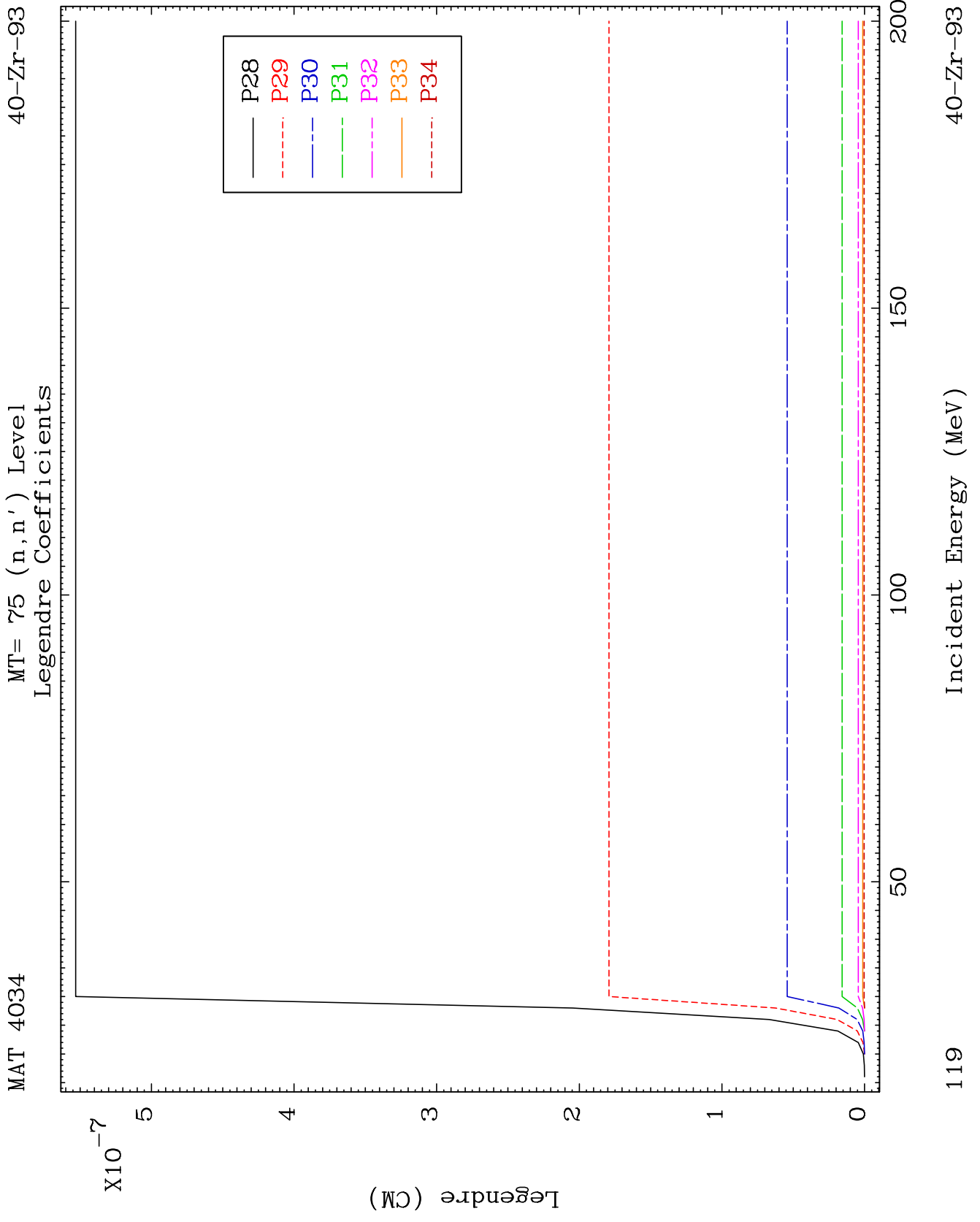


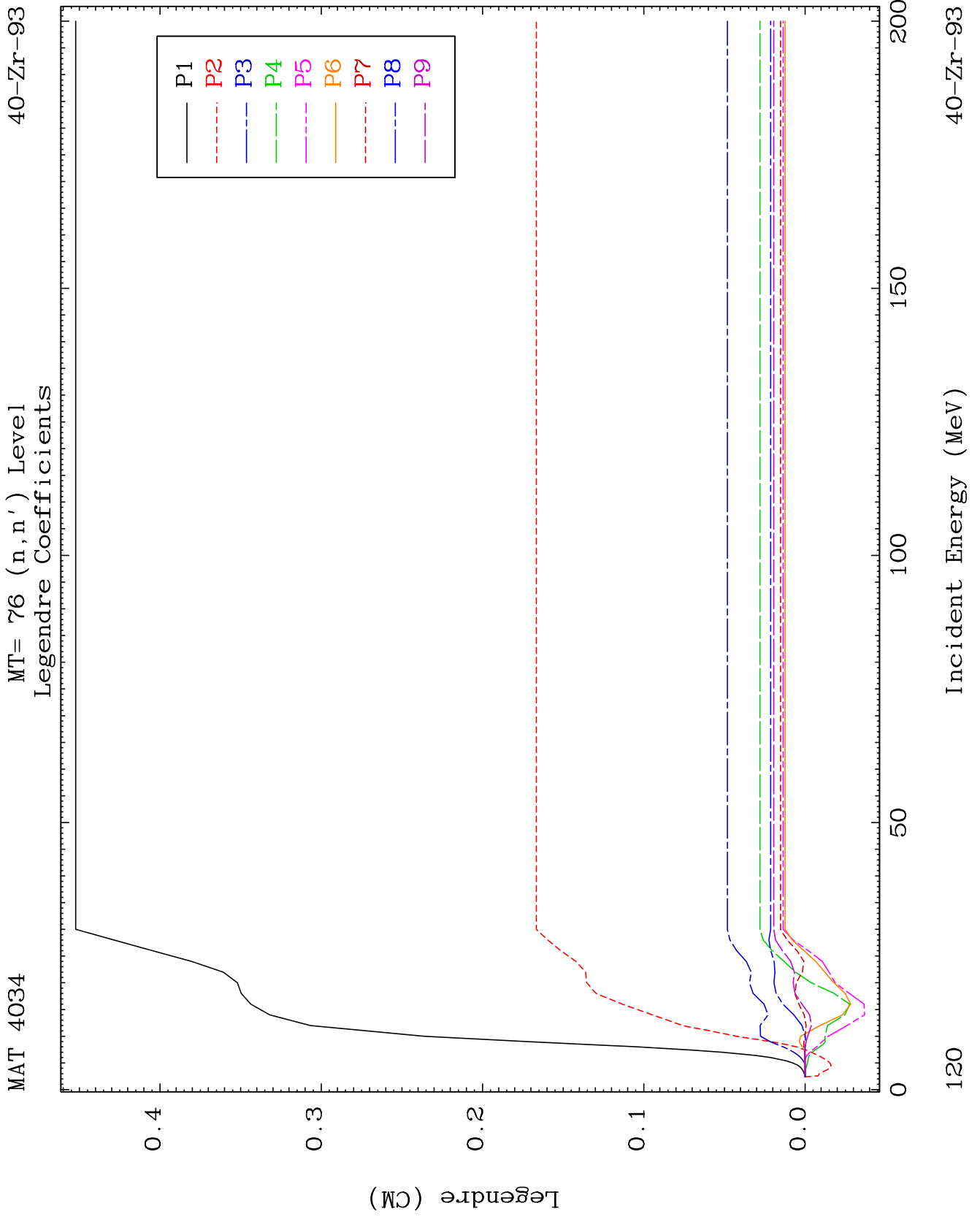
117

Incident Energy (MeV)

40-Zr-93



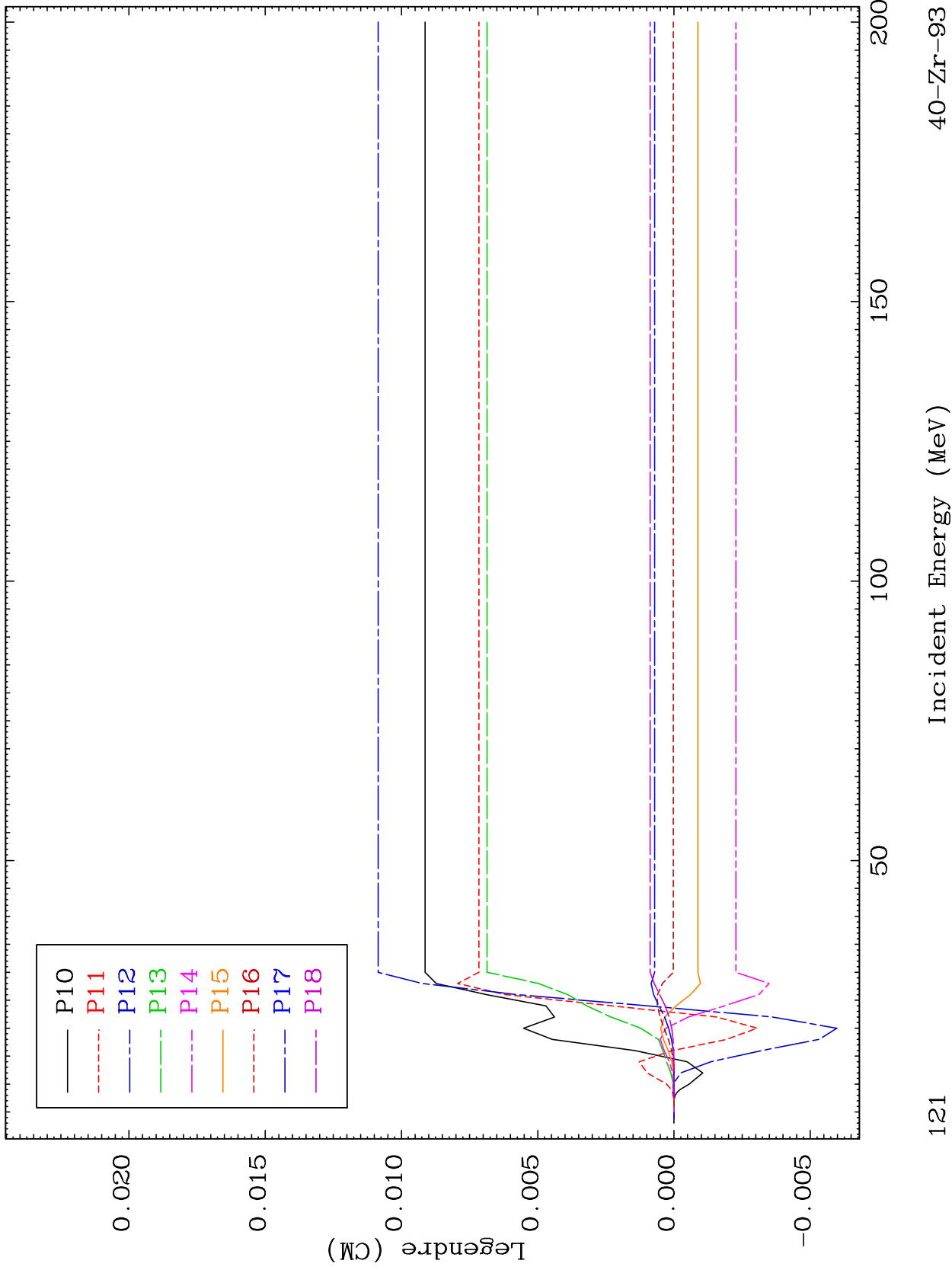


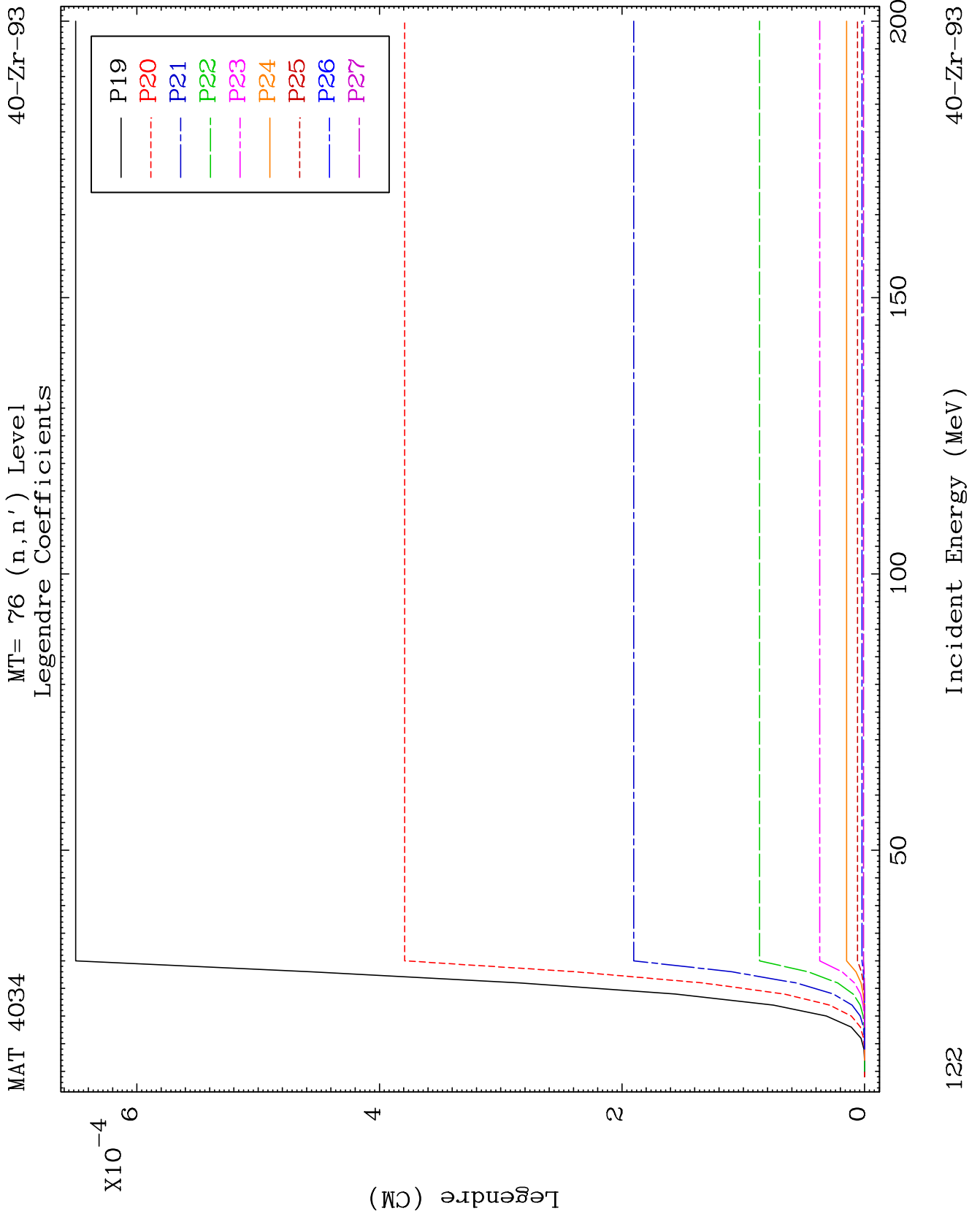


MAT 4034

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

40-Zr-93

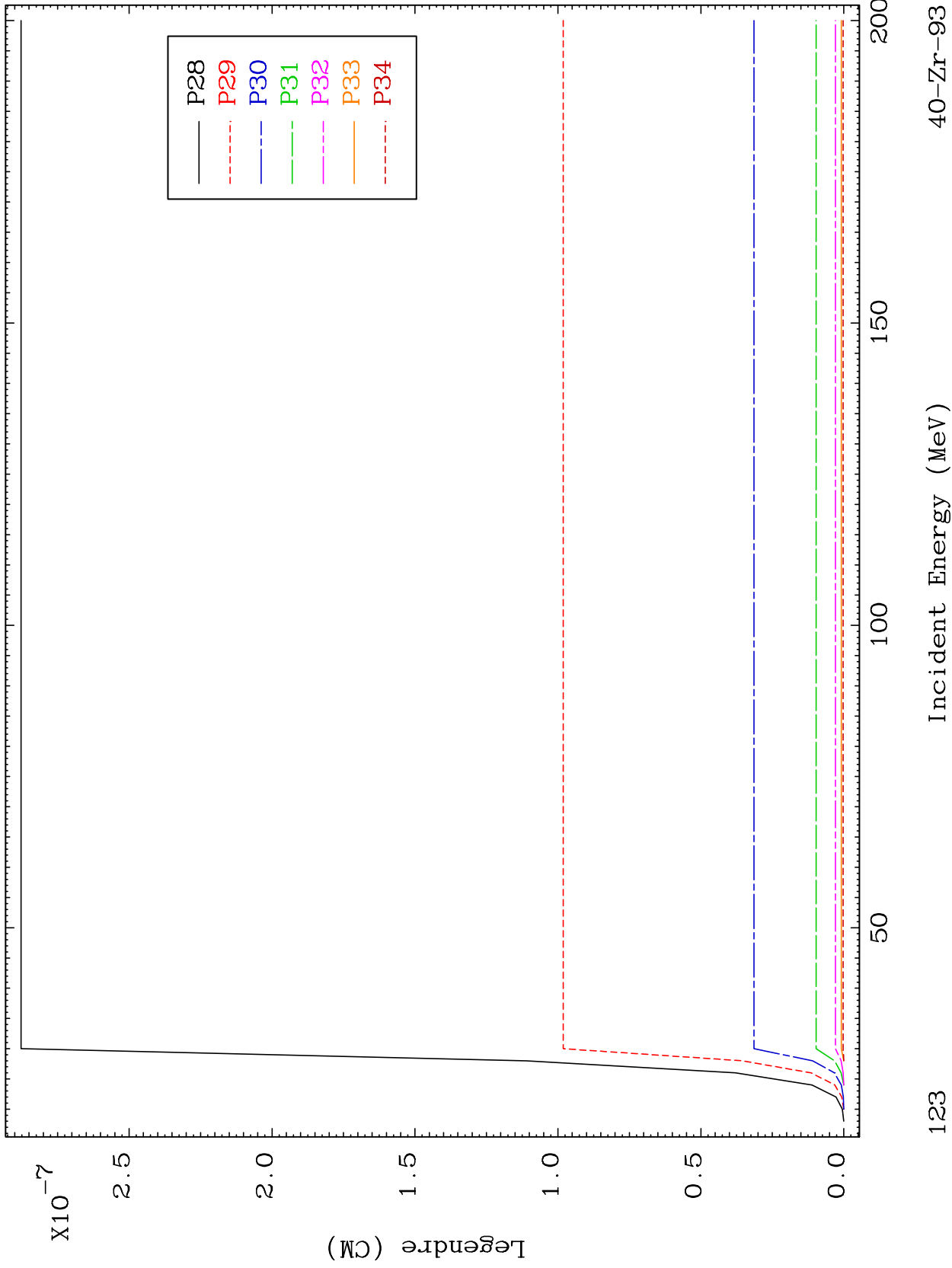




MAT 4034

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

40-Zr-93



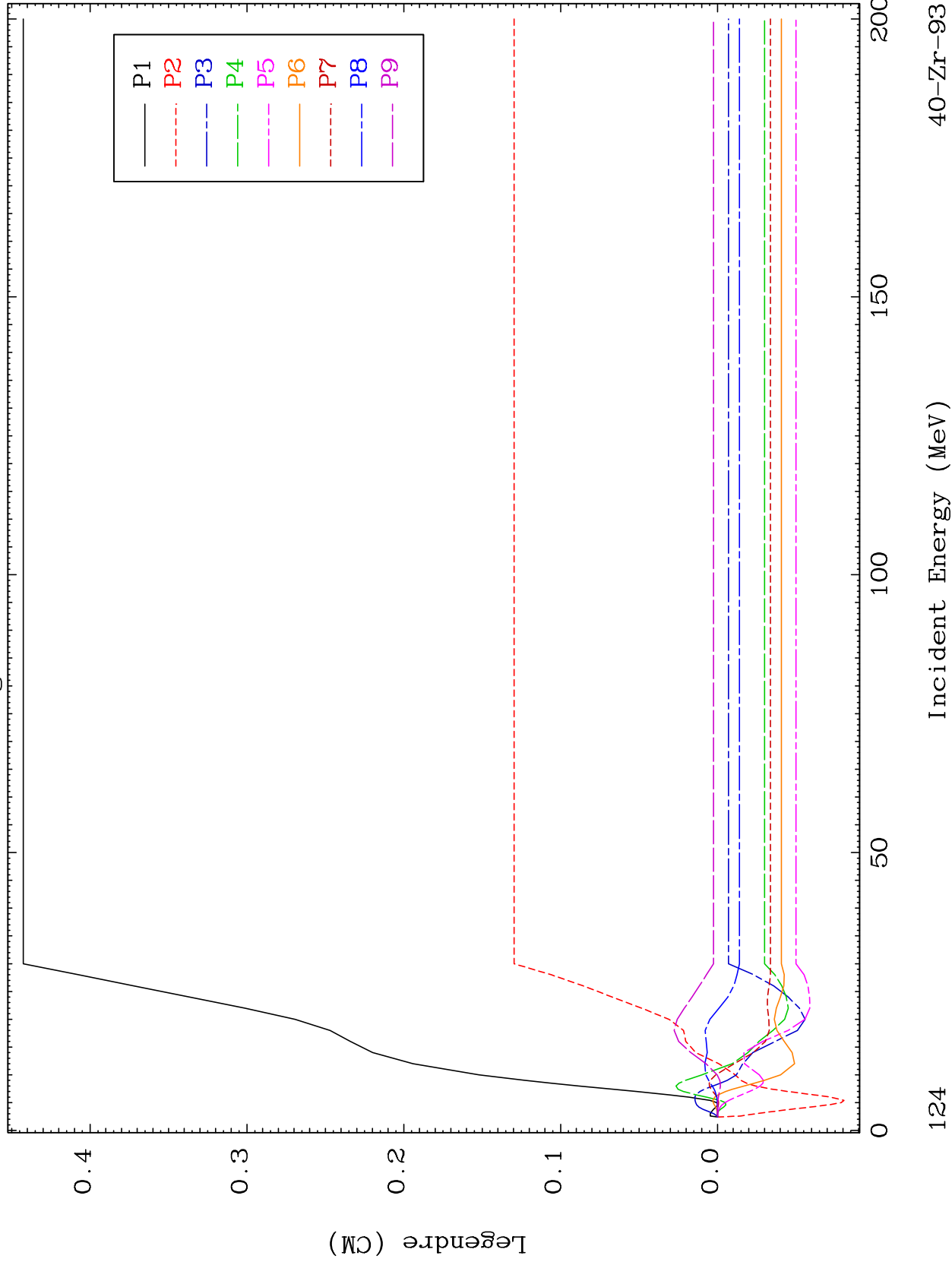
123

40-Zr-93

MAT 4034

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

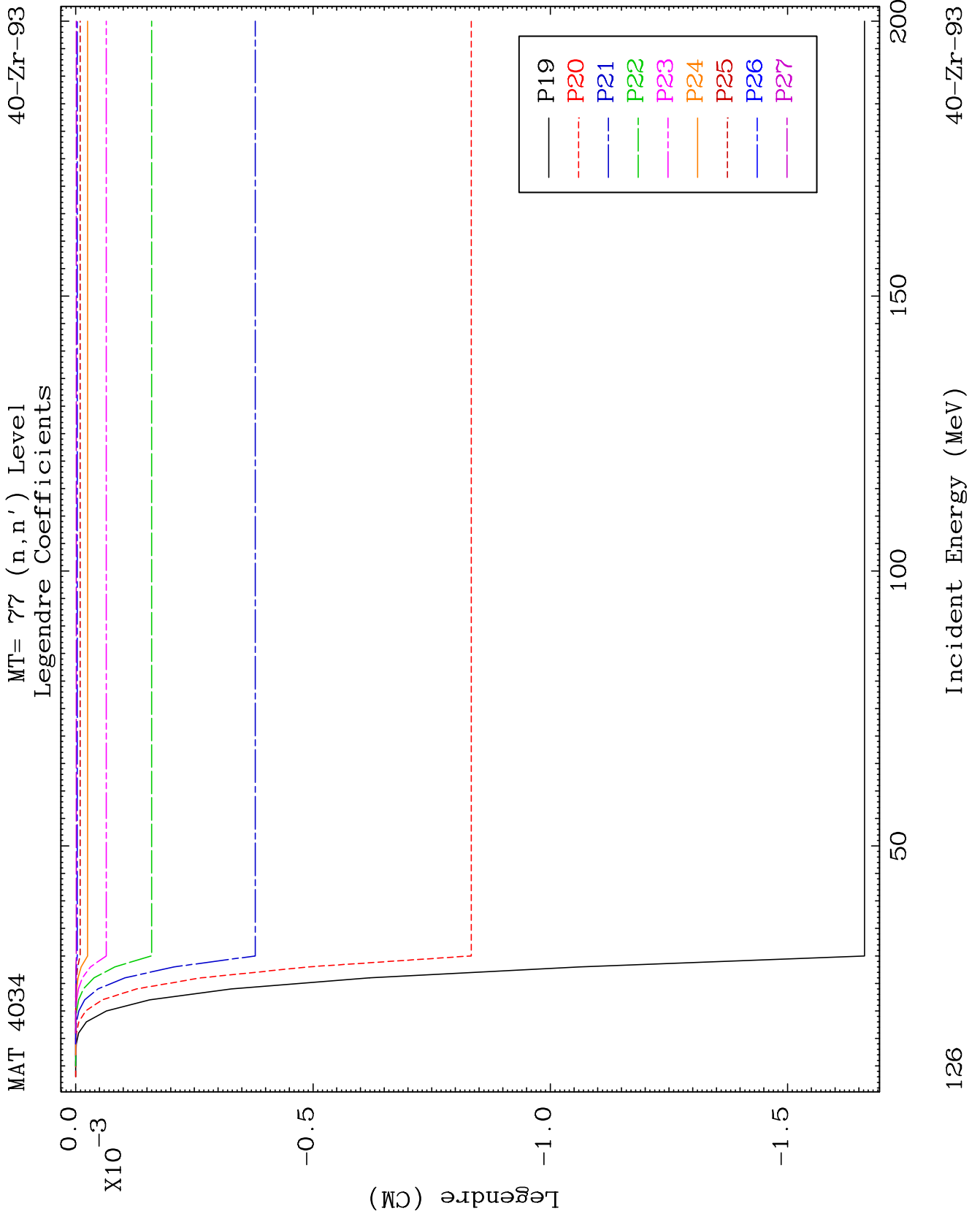
40-Zr-93

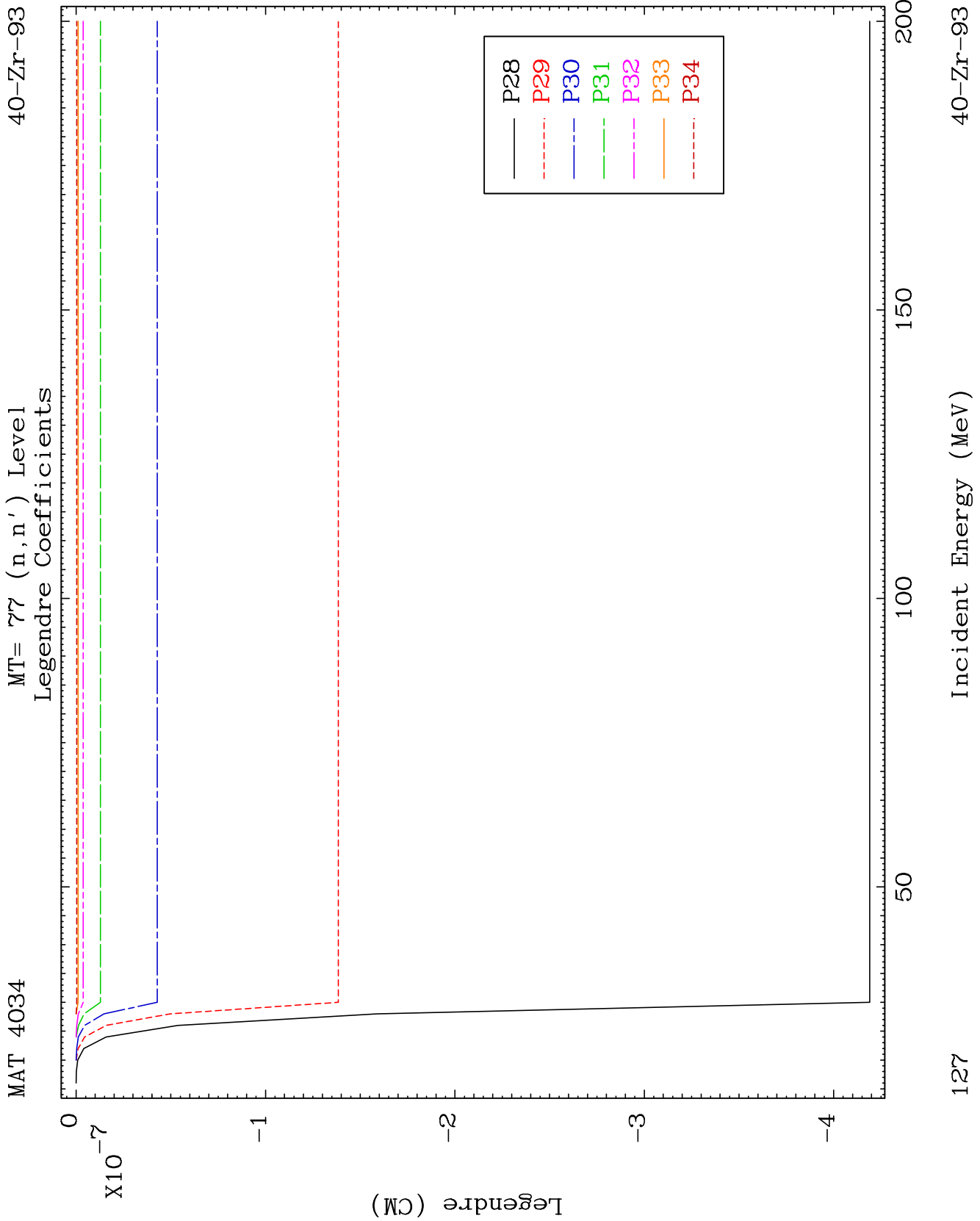


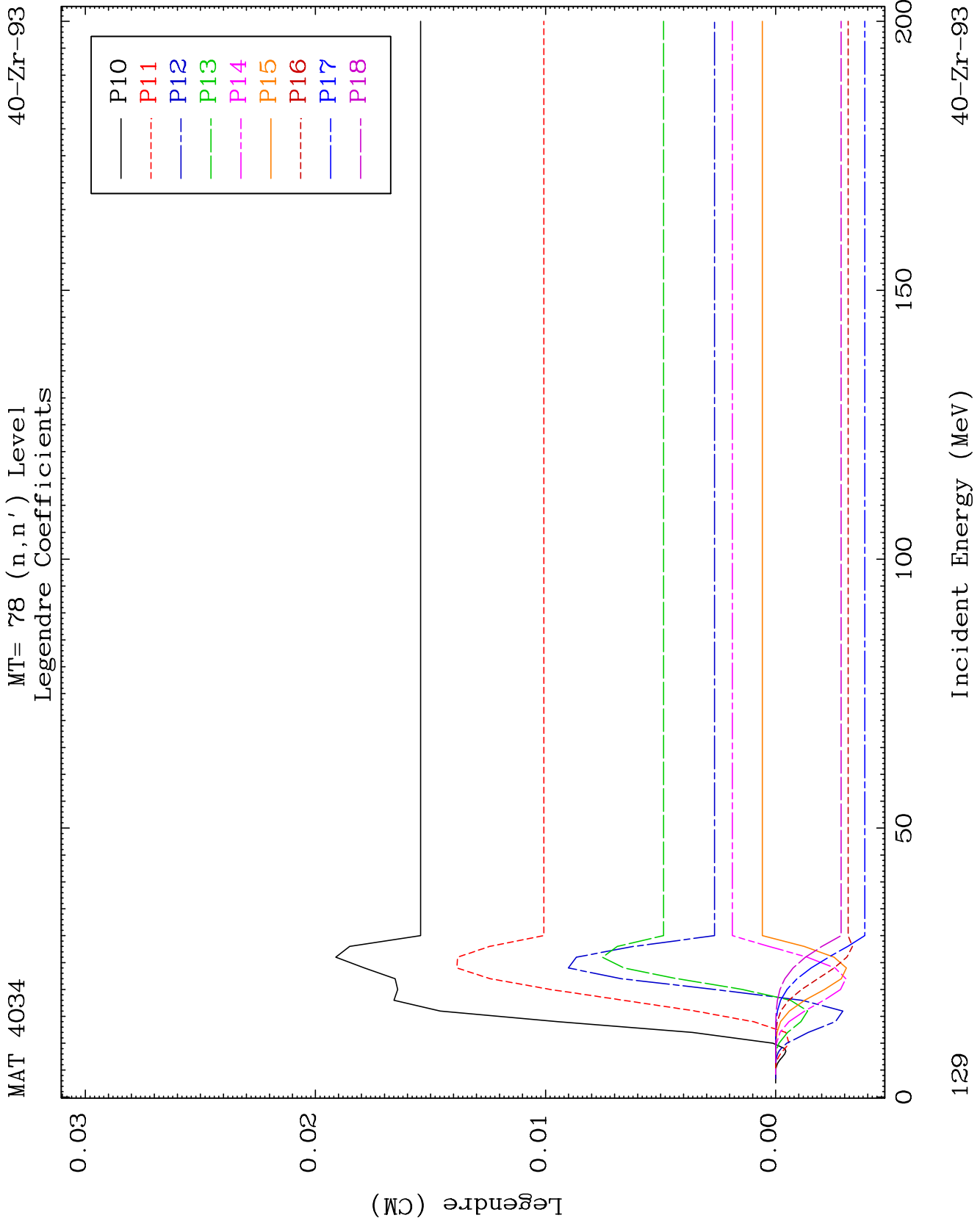
40-Zr-93

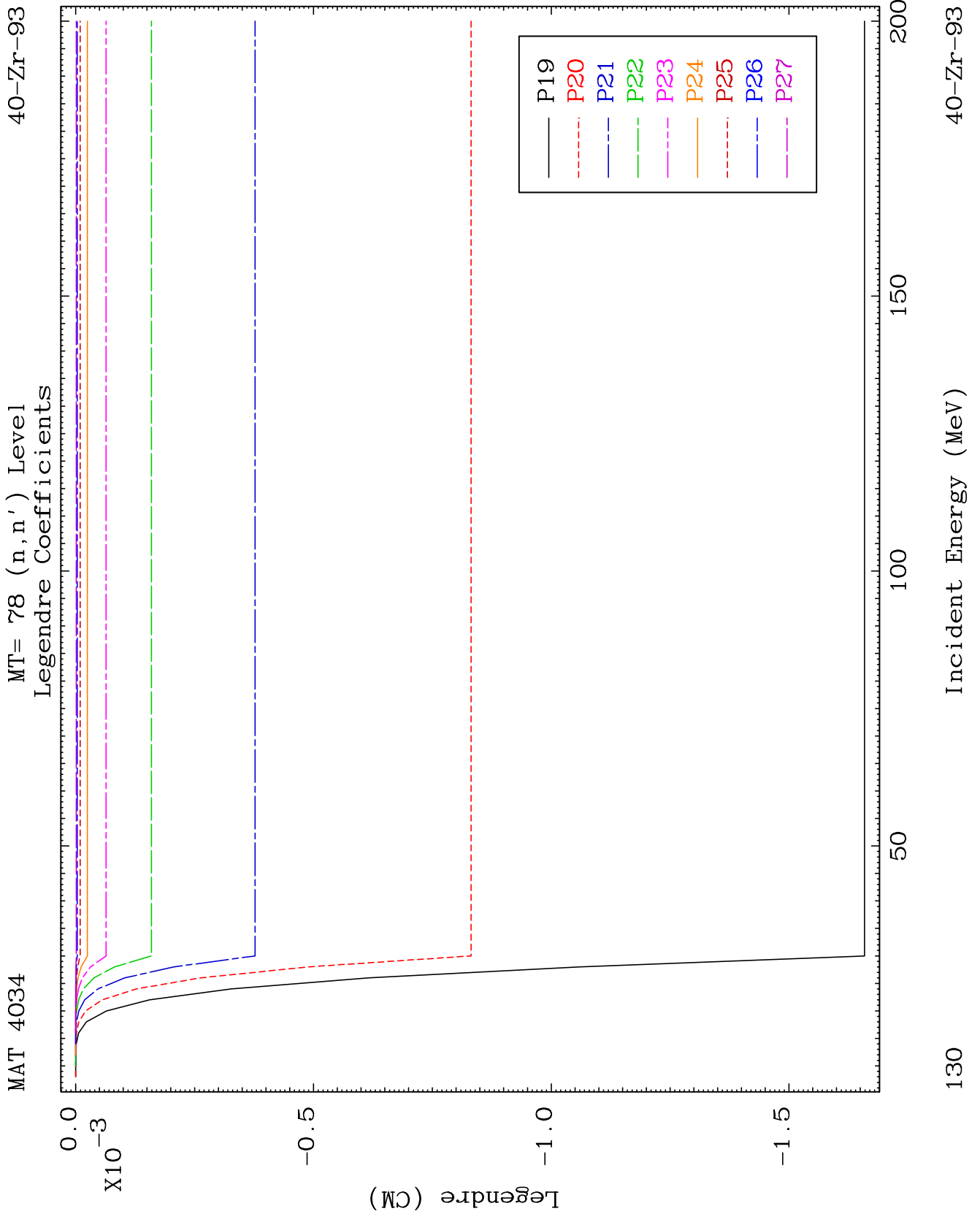
Incident Energy (MeV)

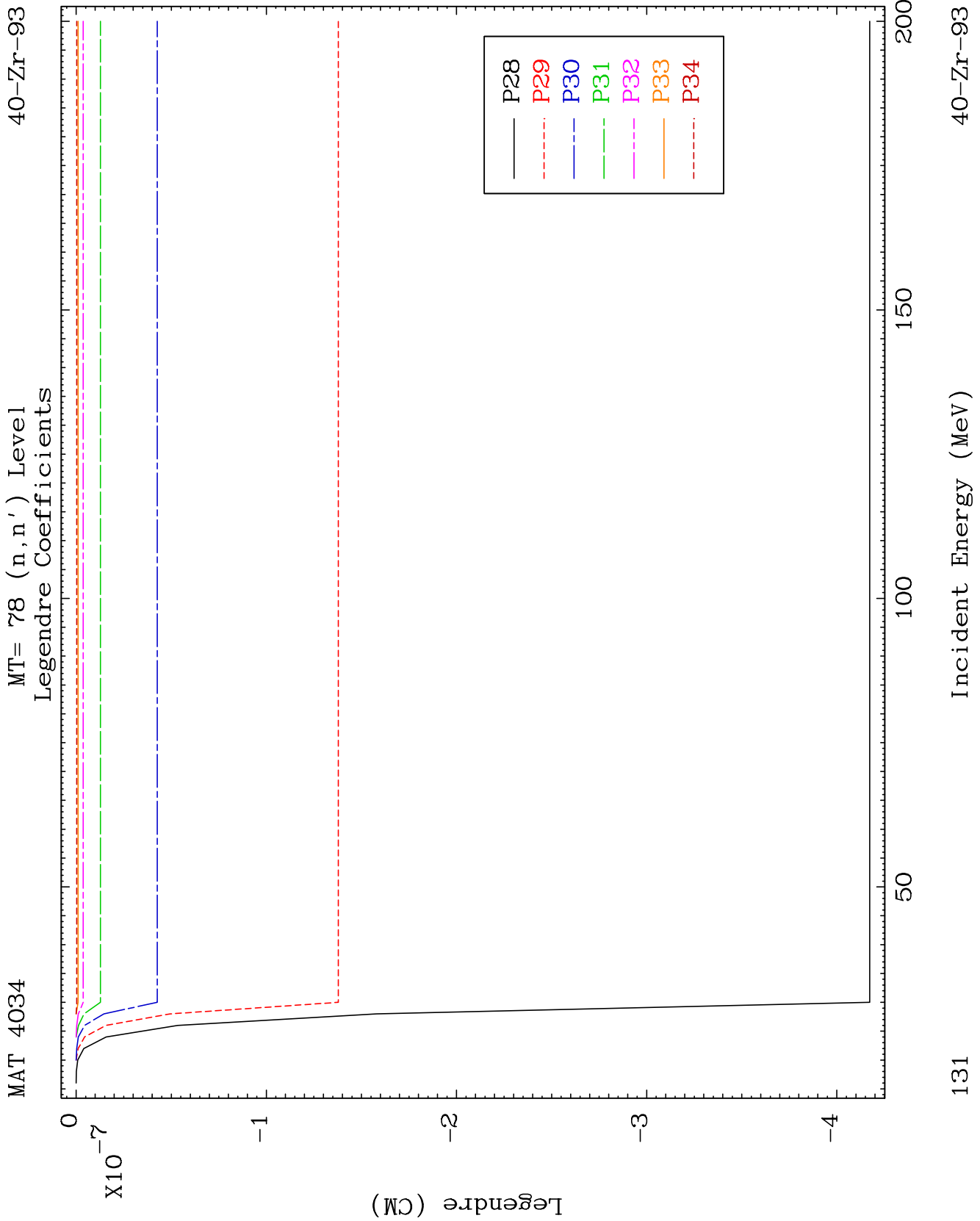
124

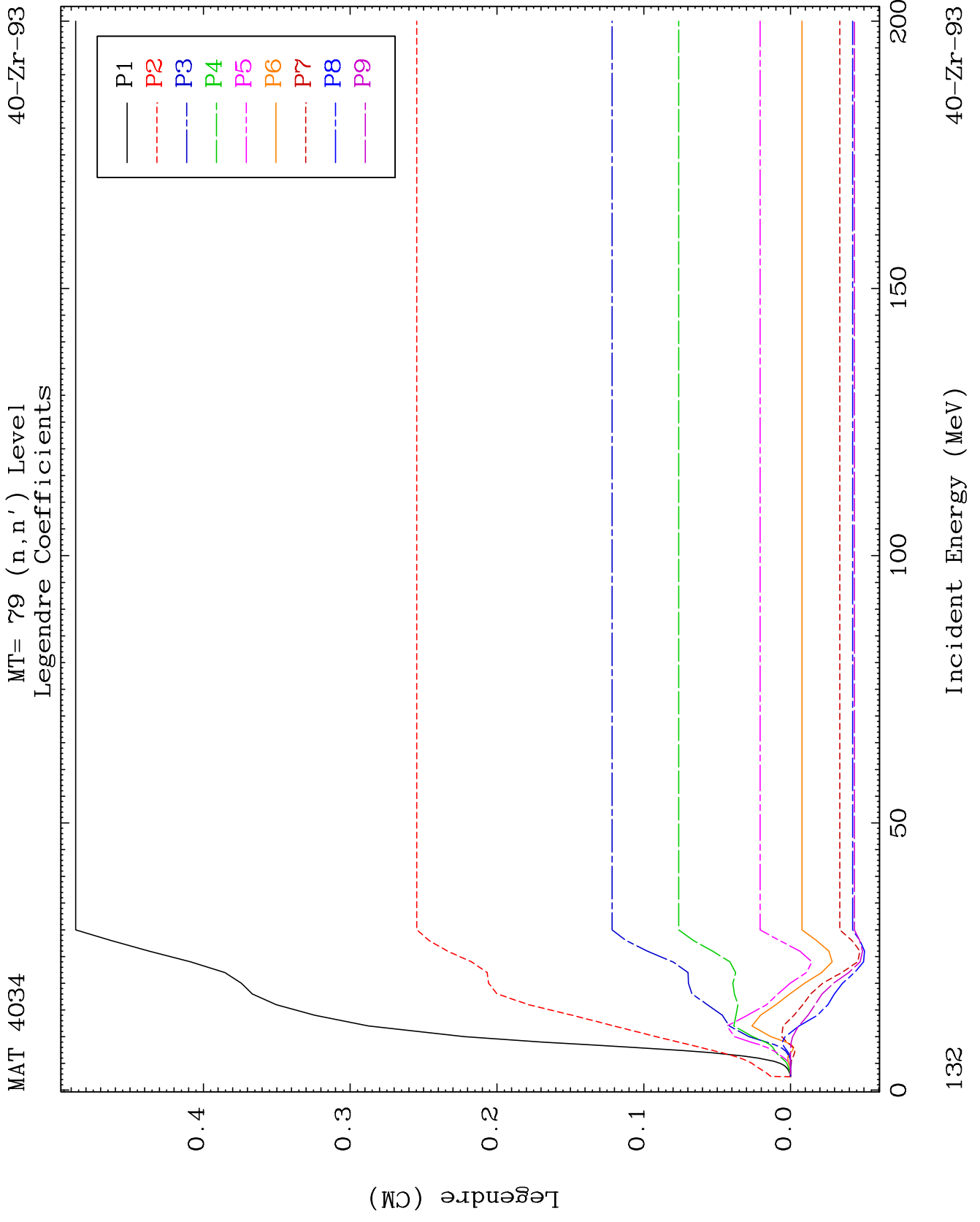








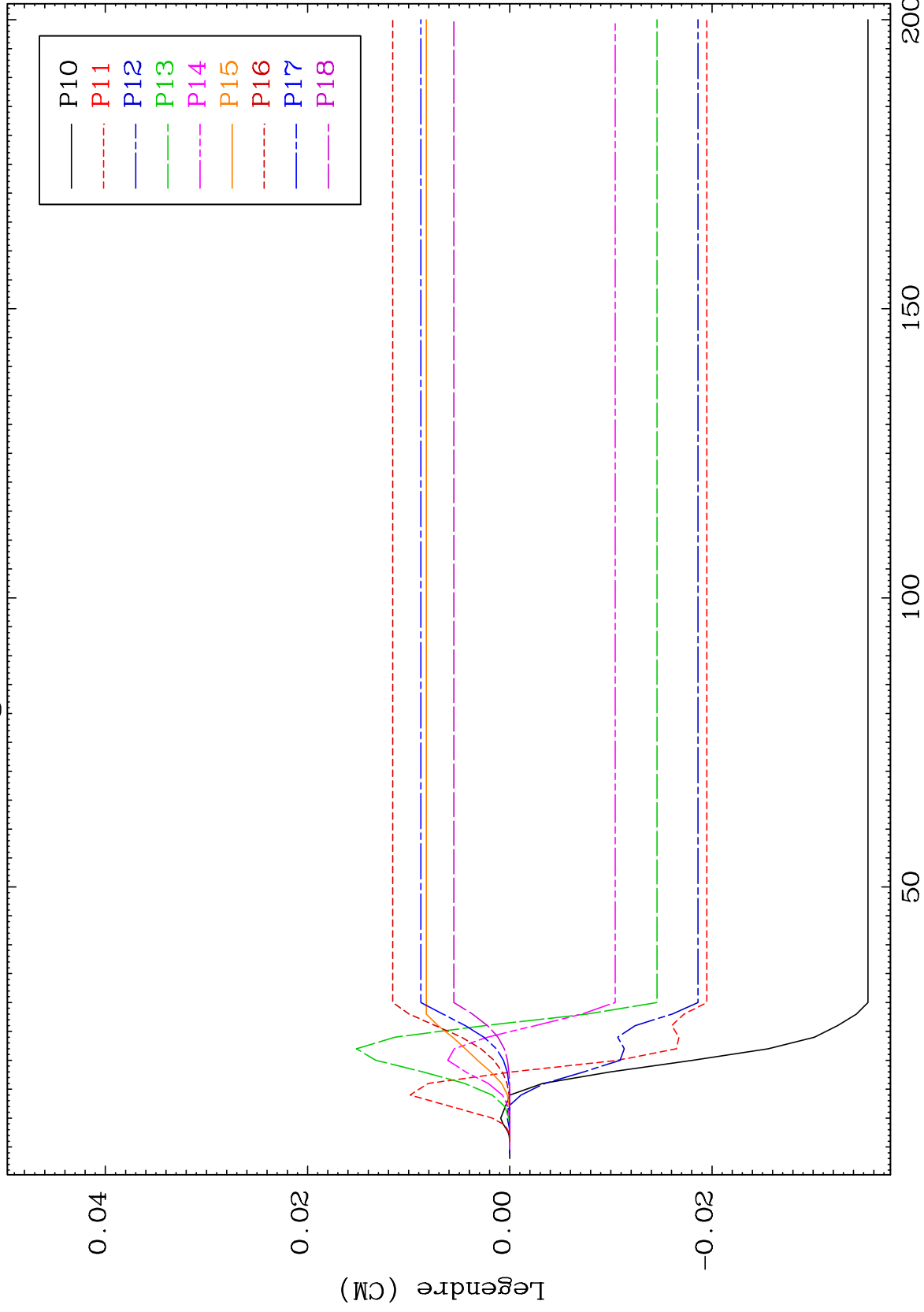




MAT 4034

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

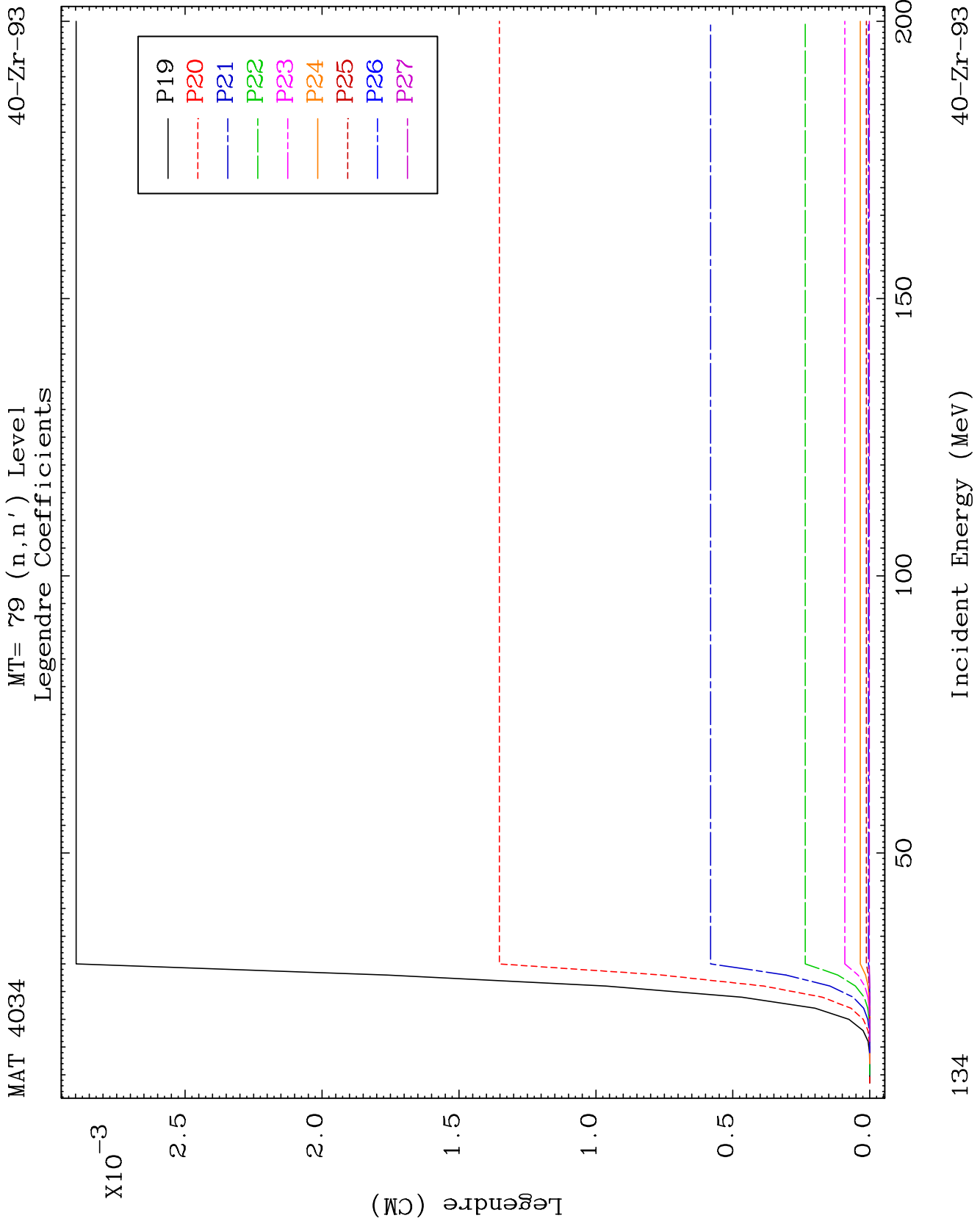
40-Zr-93

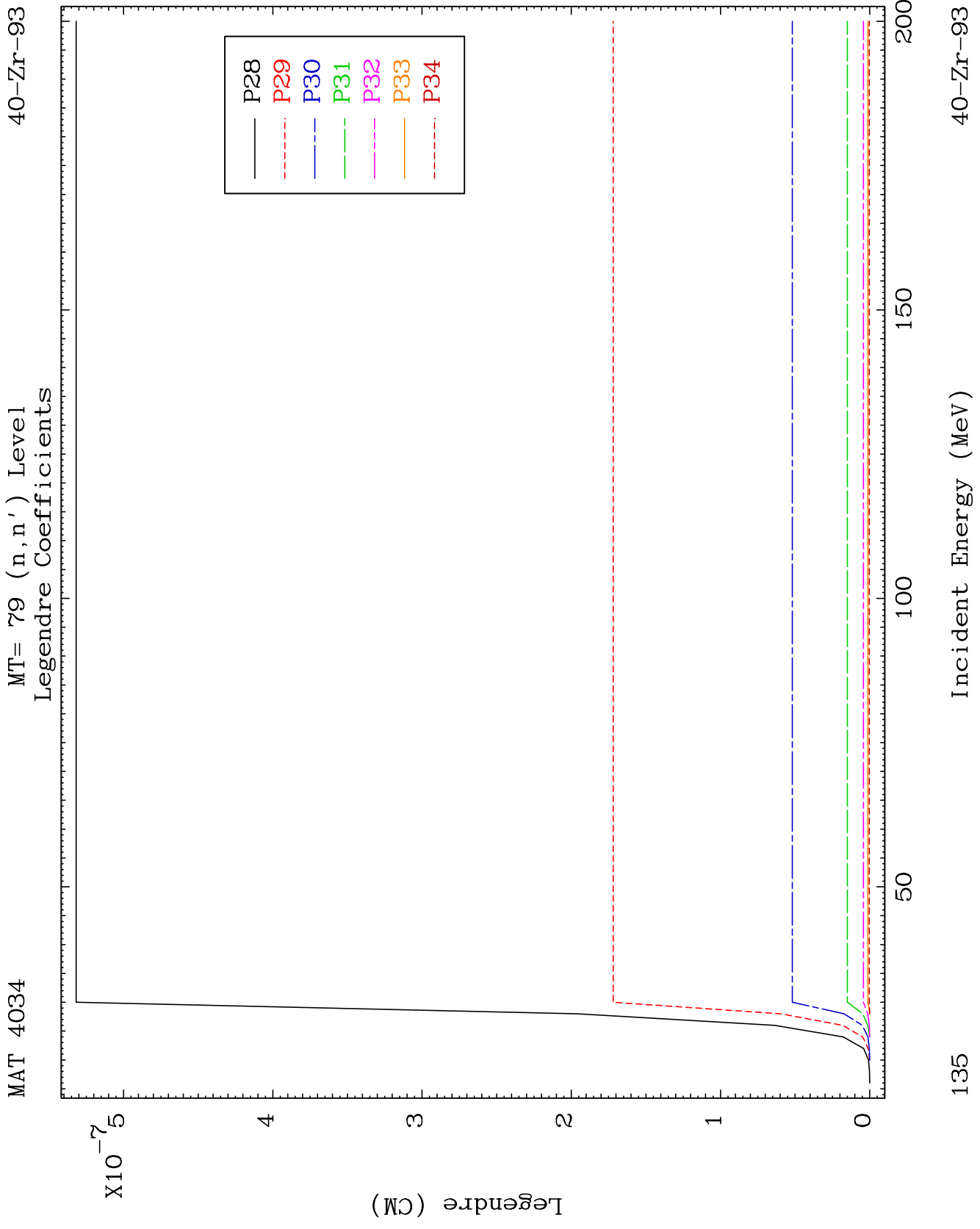


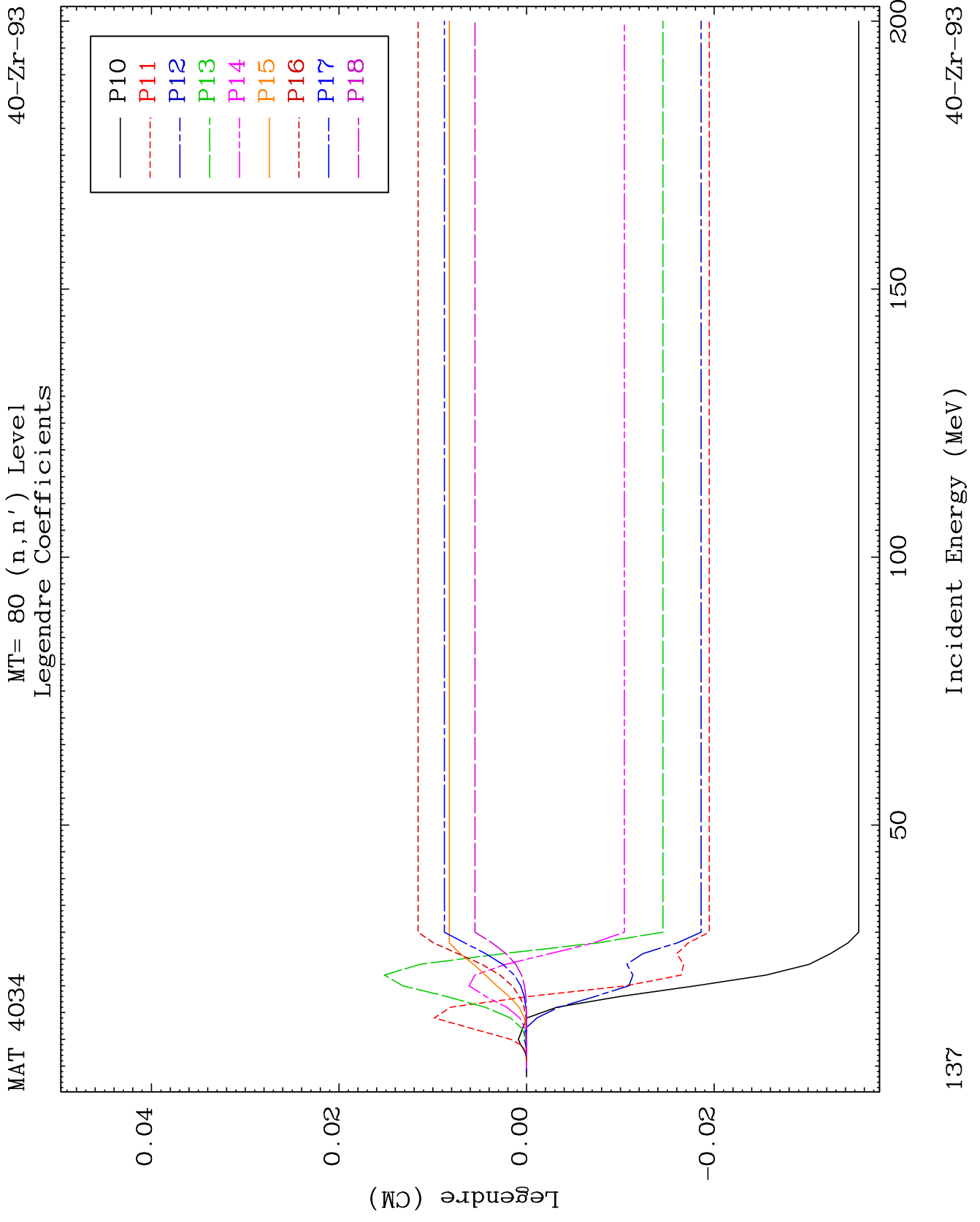
133

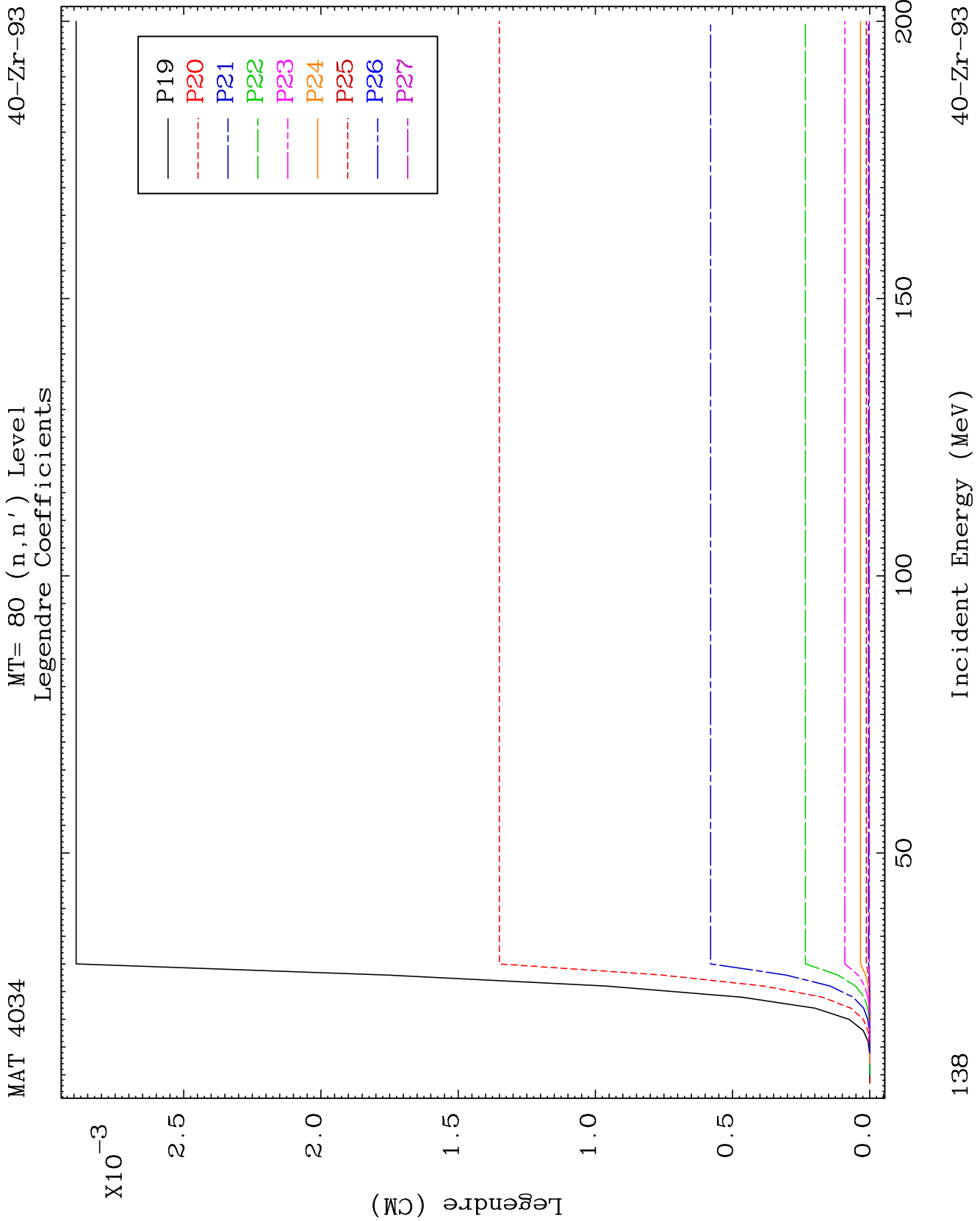
Incident Energy (MeV)

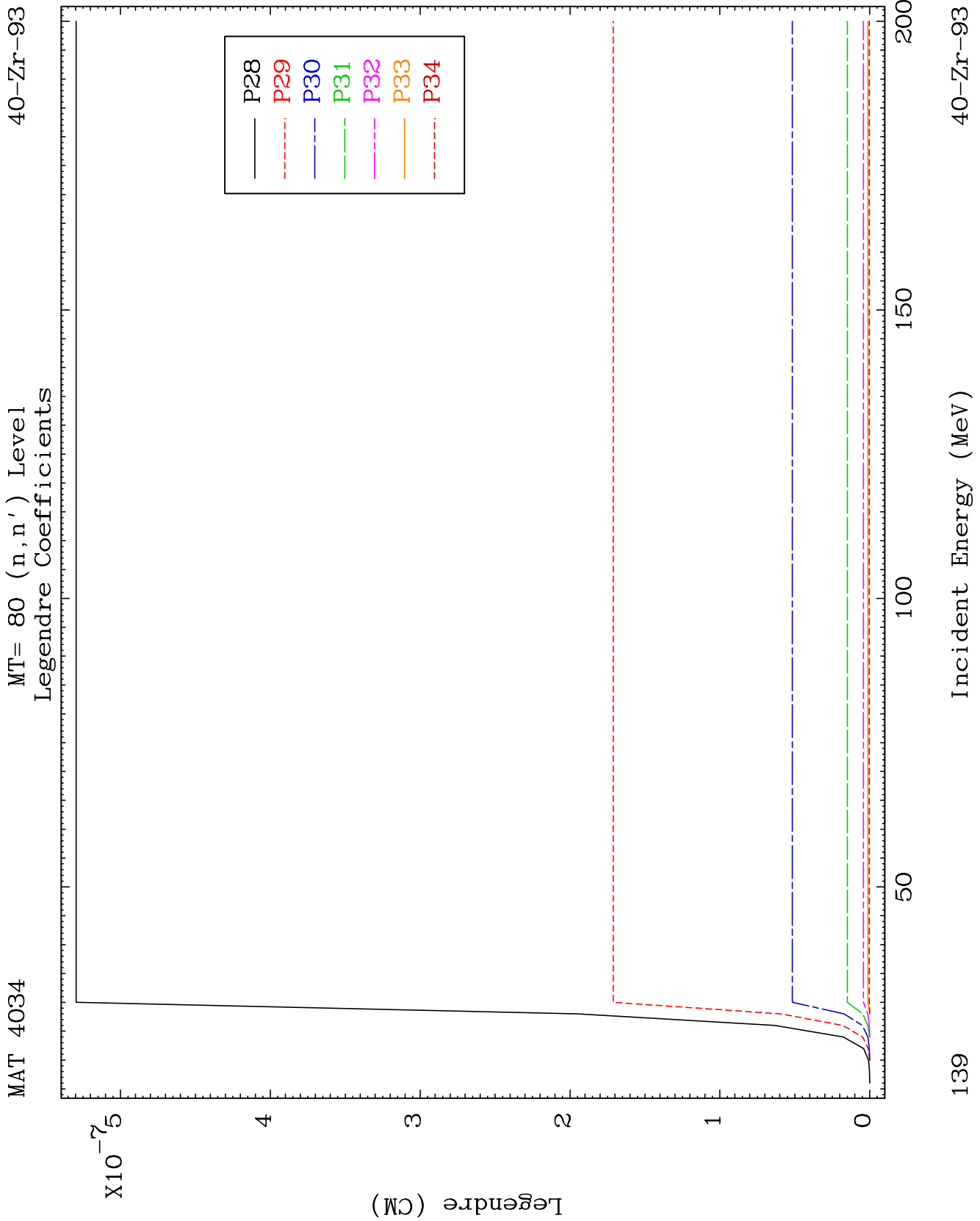
40-Zr-93









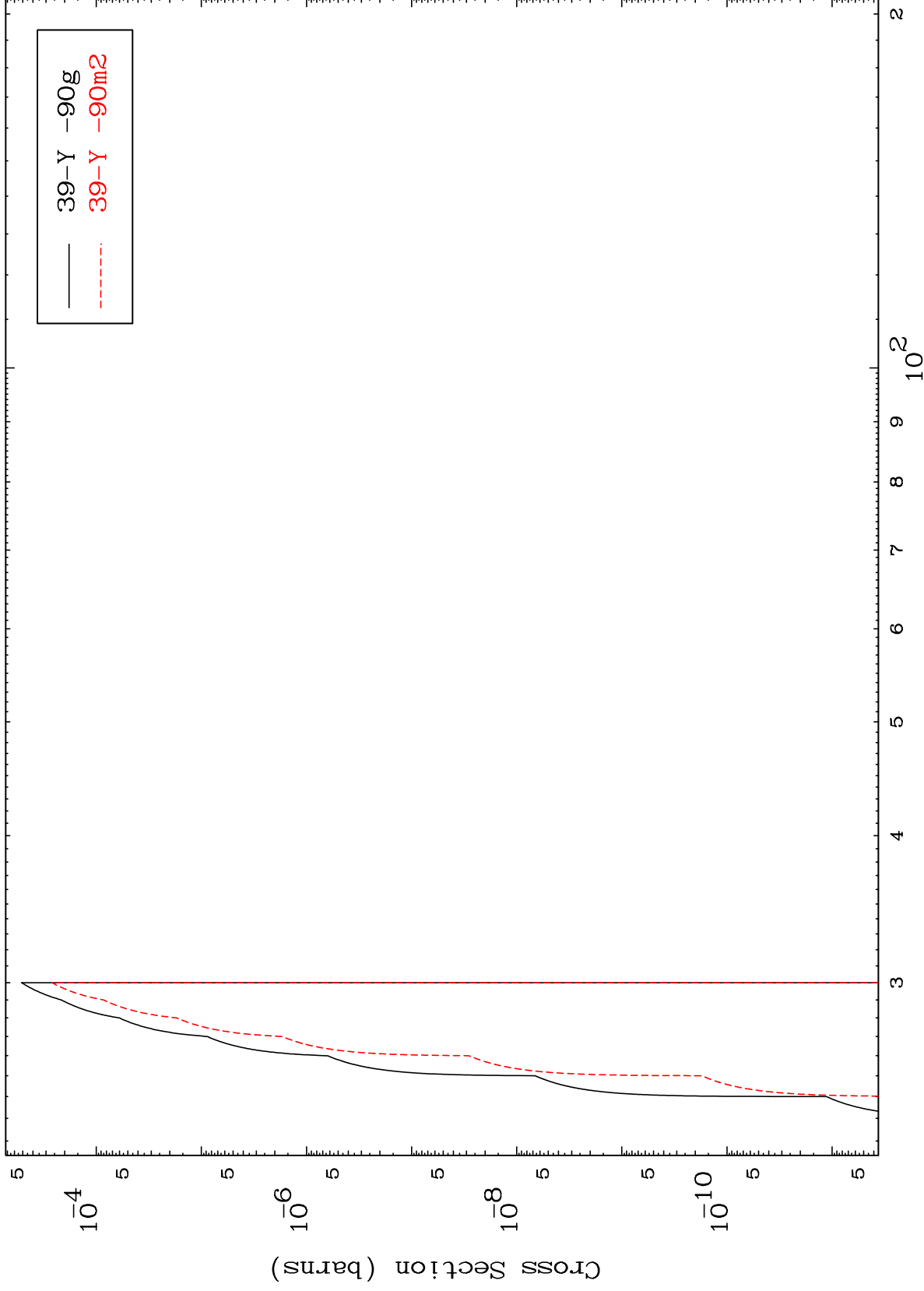


MAT 4034

(n,2n) d

40-Zr-93

Radionuclide Production Cross Section



140

Incident Energy (MeV)

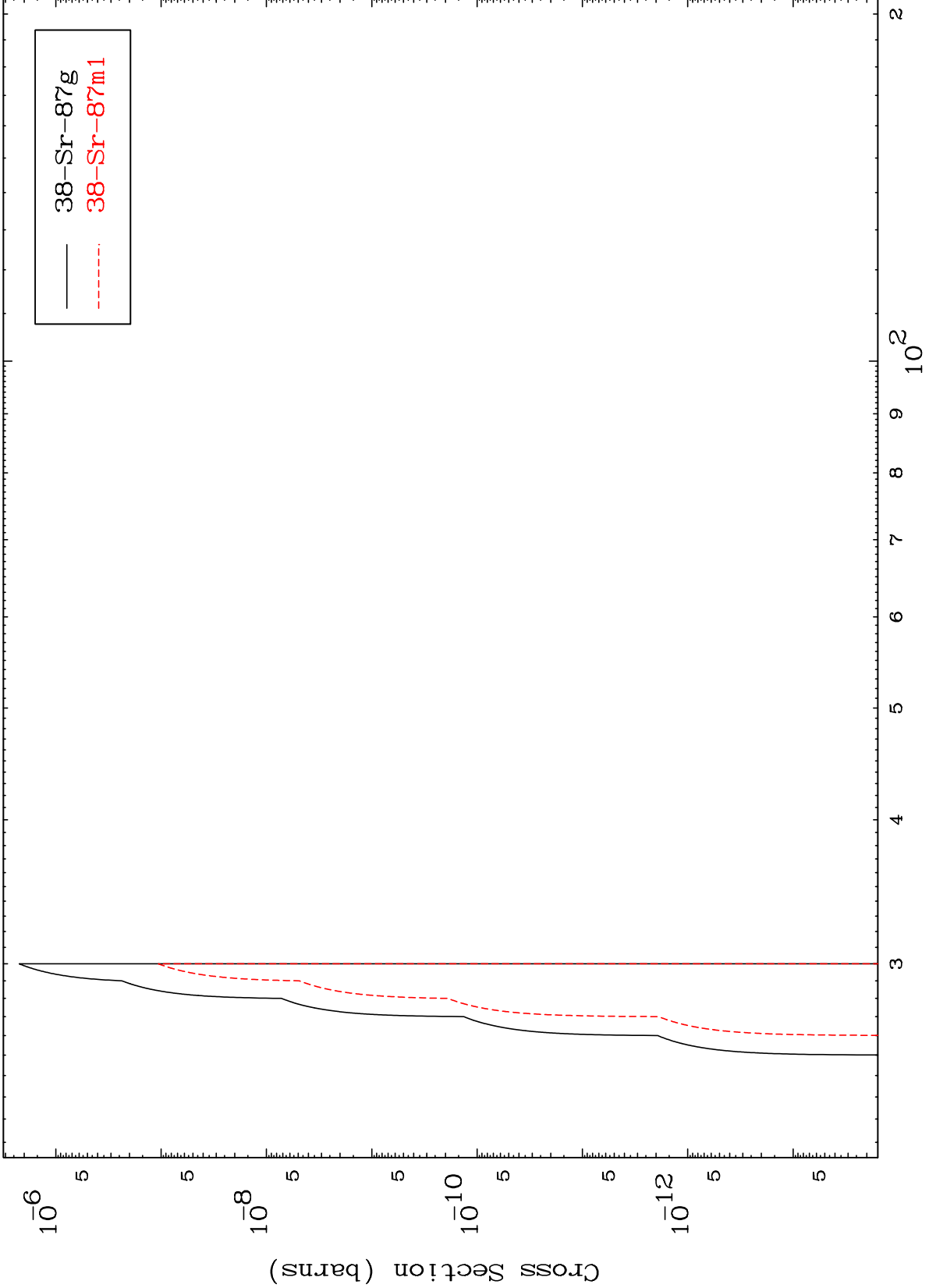
40-Zr-93

MAT 4034

(n,3n) α

40-Zr-93

Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

141

Incident Energy (MeV)

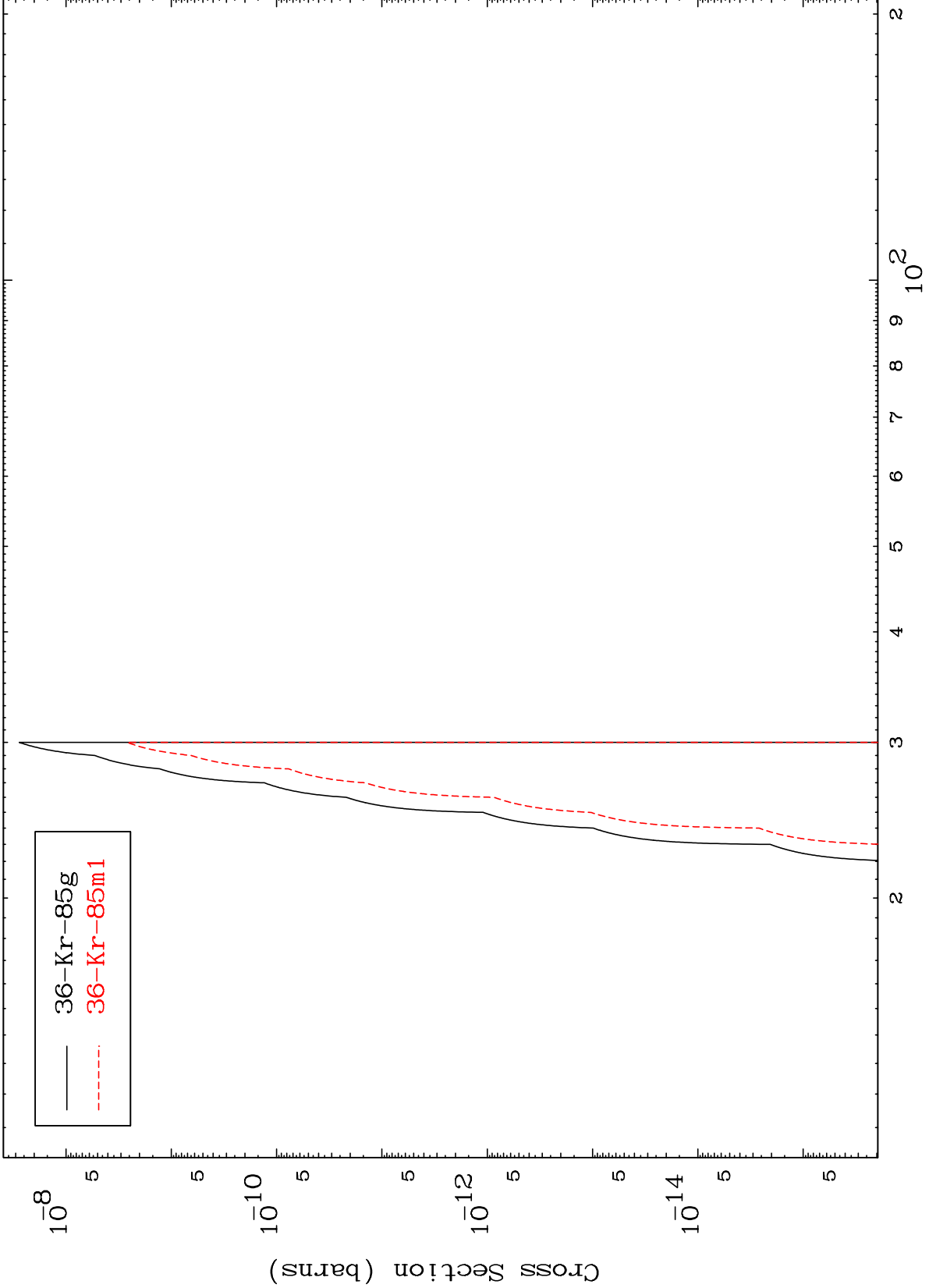
40-Zr-93

MAT 4034

(n,n') 2α

40-Zr-93

Radionuclide Production Cross Section



Legend:
— 36-Kr-85g
- - - 36-Kr-85m1

142

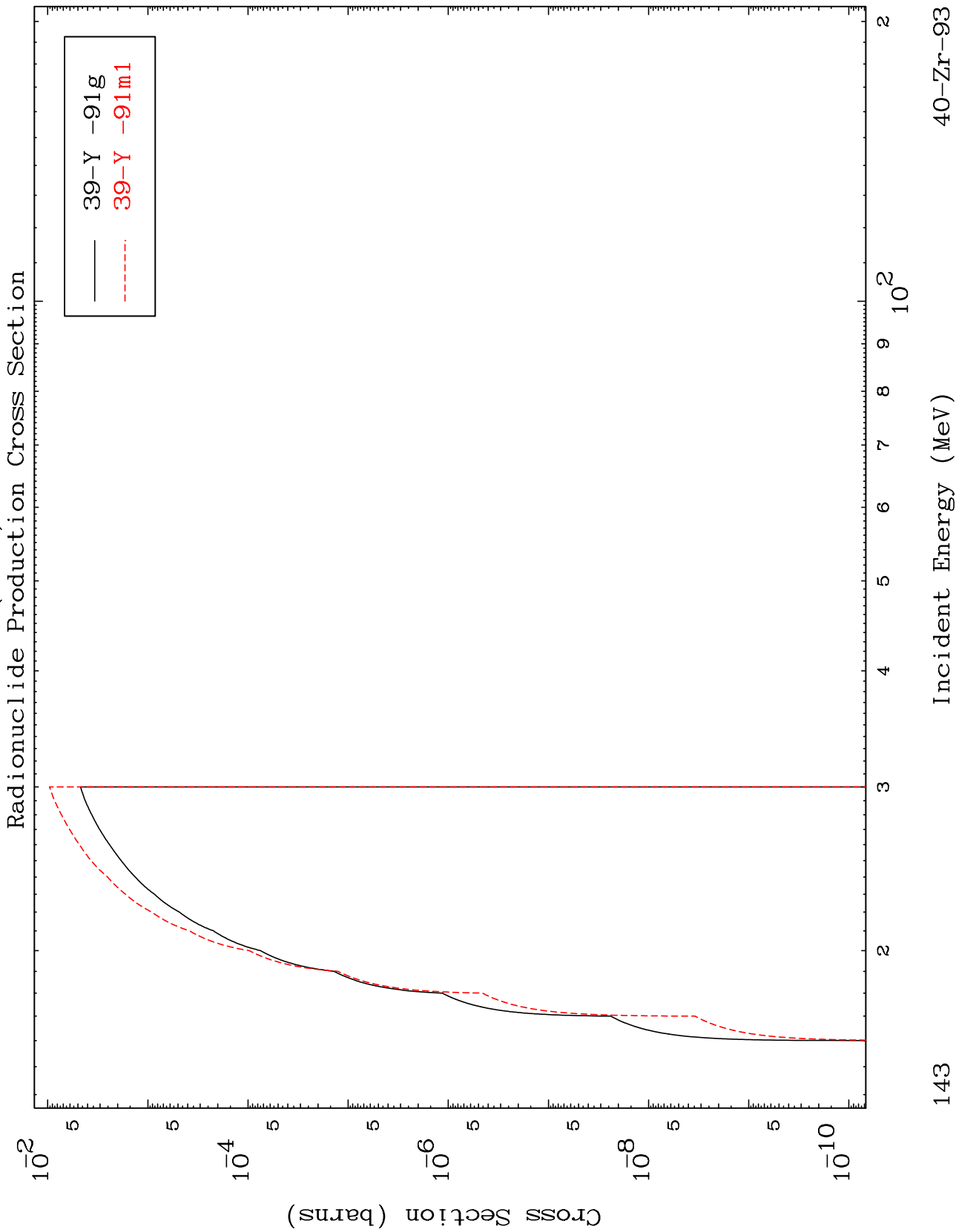
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,n') d

40-Zr-93



143

Incident Energy (MeV)

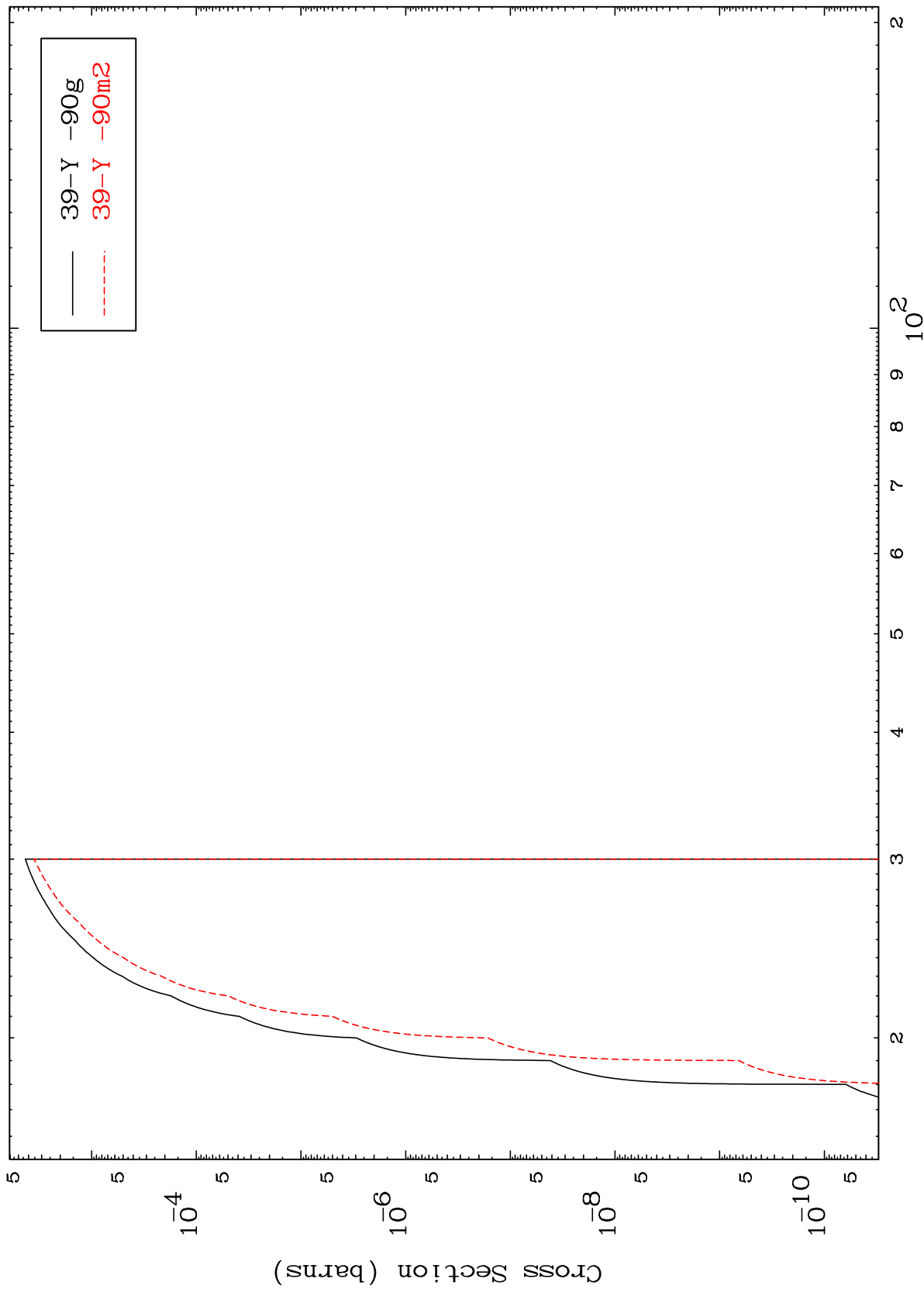
40-Zr-93

MAT 4034

(n,n') t

40-Zr-93

Radionuclide Production Cross Section



144

Incident Energy (MeV)

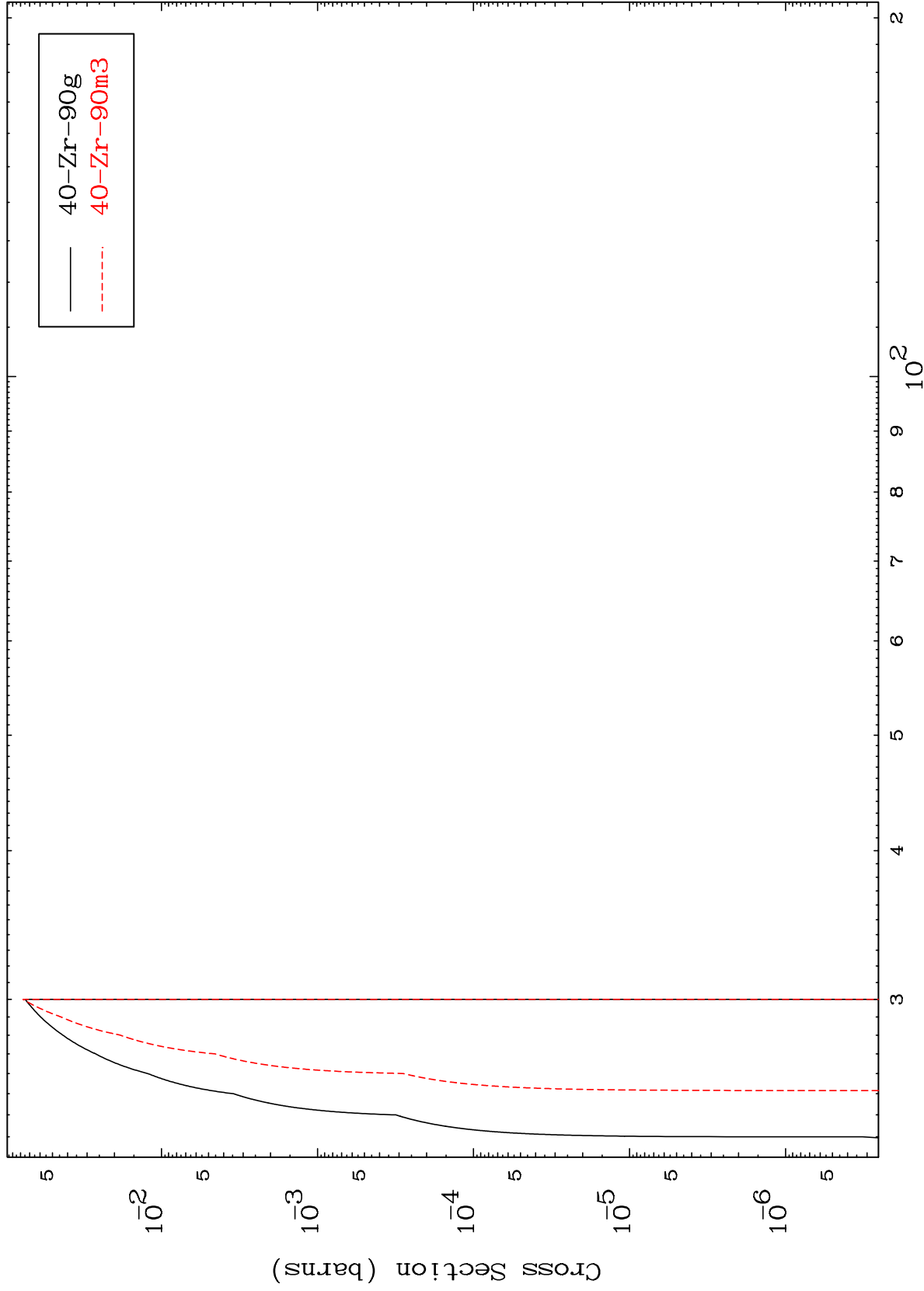
40-Zr-93

MAT 4034

(n,4n)

40-Zr-93

Radionuclide Production Cross Section



145

Incident Energy (MeV)

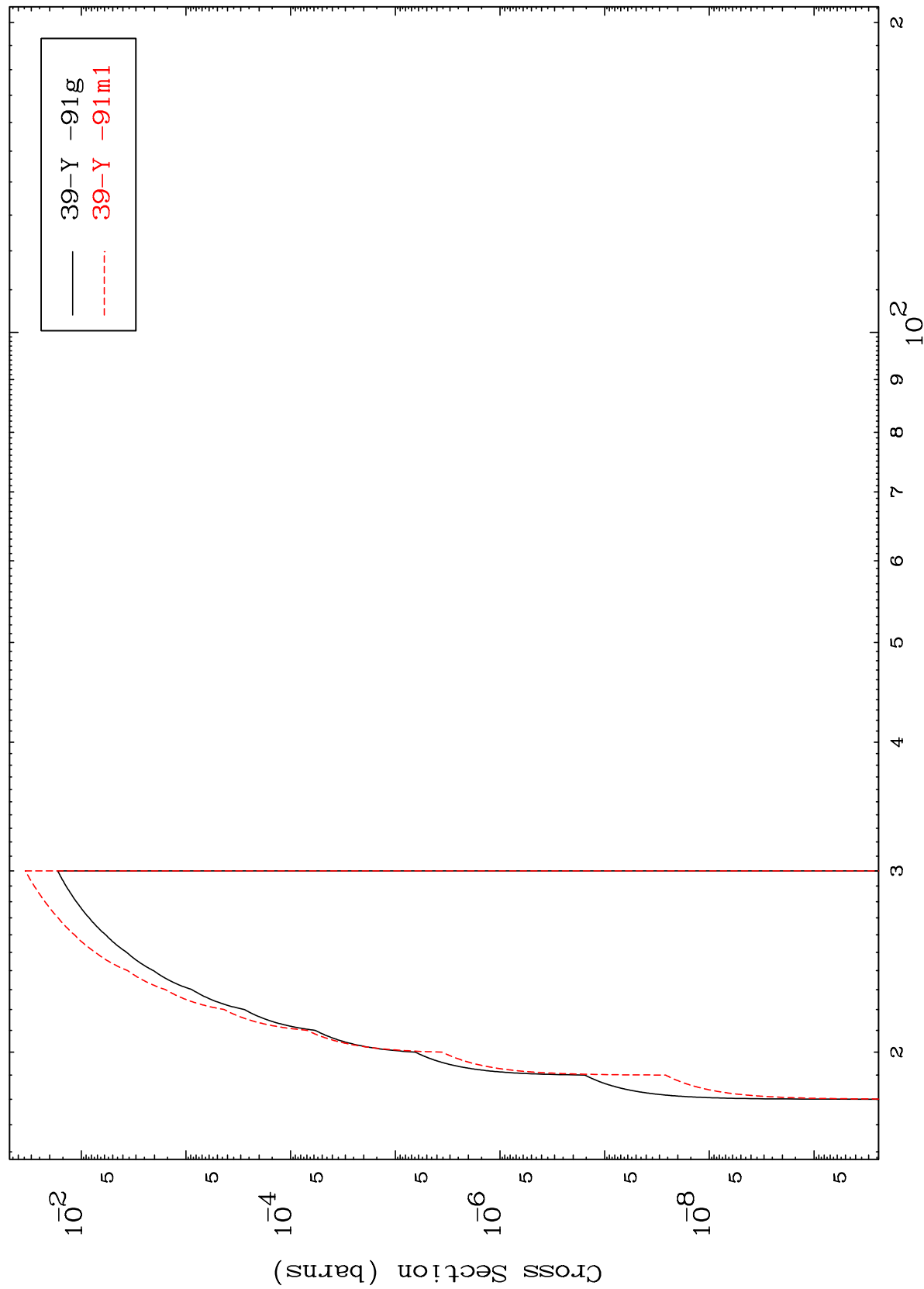
40-Zr-93

MAT 4034

(n,2n) p

40-Zr-93

Radionuclide Production Cross Section

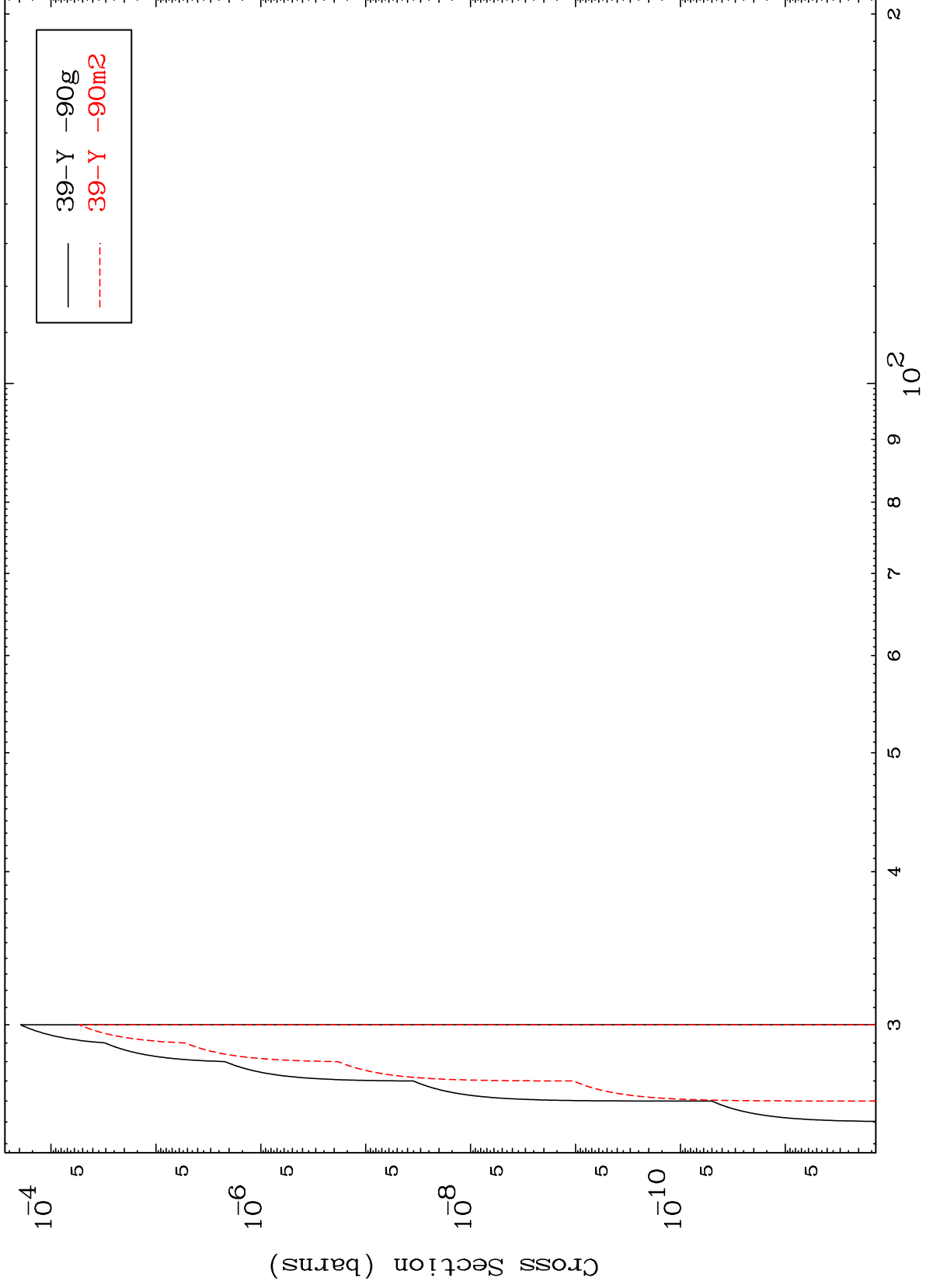


146

Incident Energy (MeV)

40-Zr-93

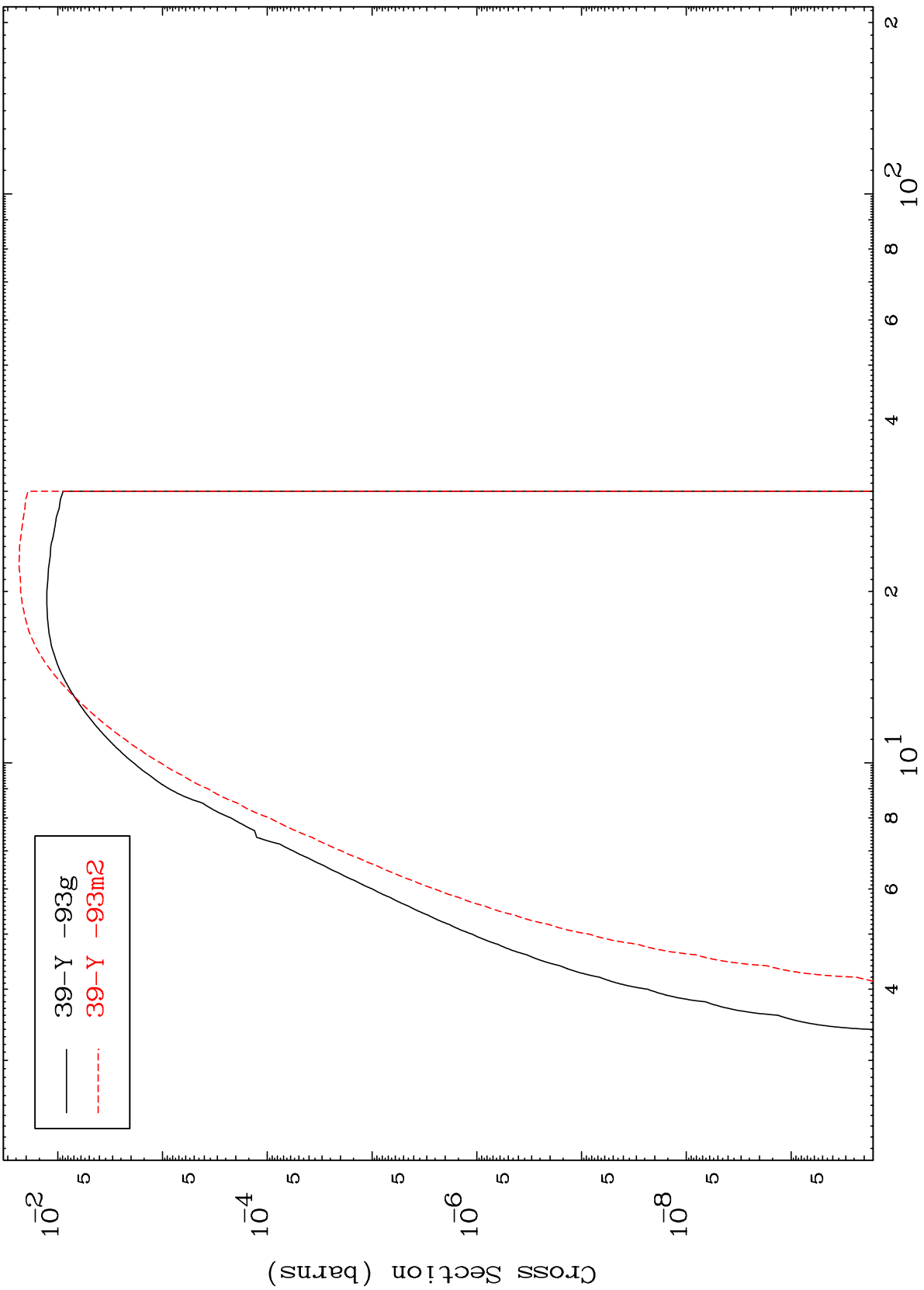
Radionuclide Production Cross Section



MAT 4034

40-Zr-93

Radionuclide Production Cross Section (n,p)



148

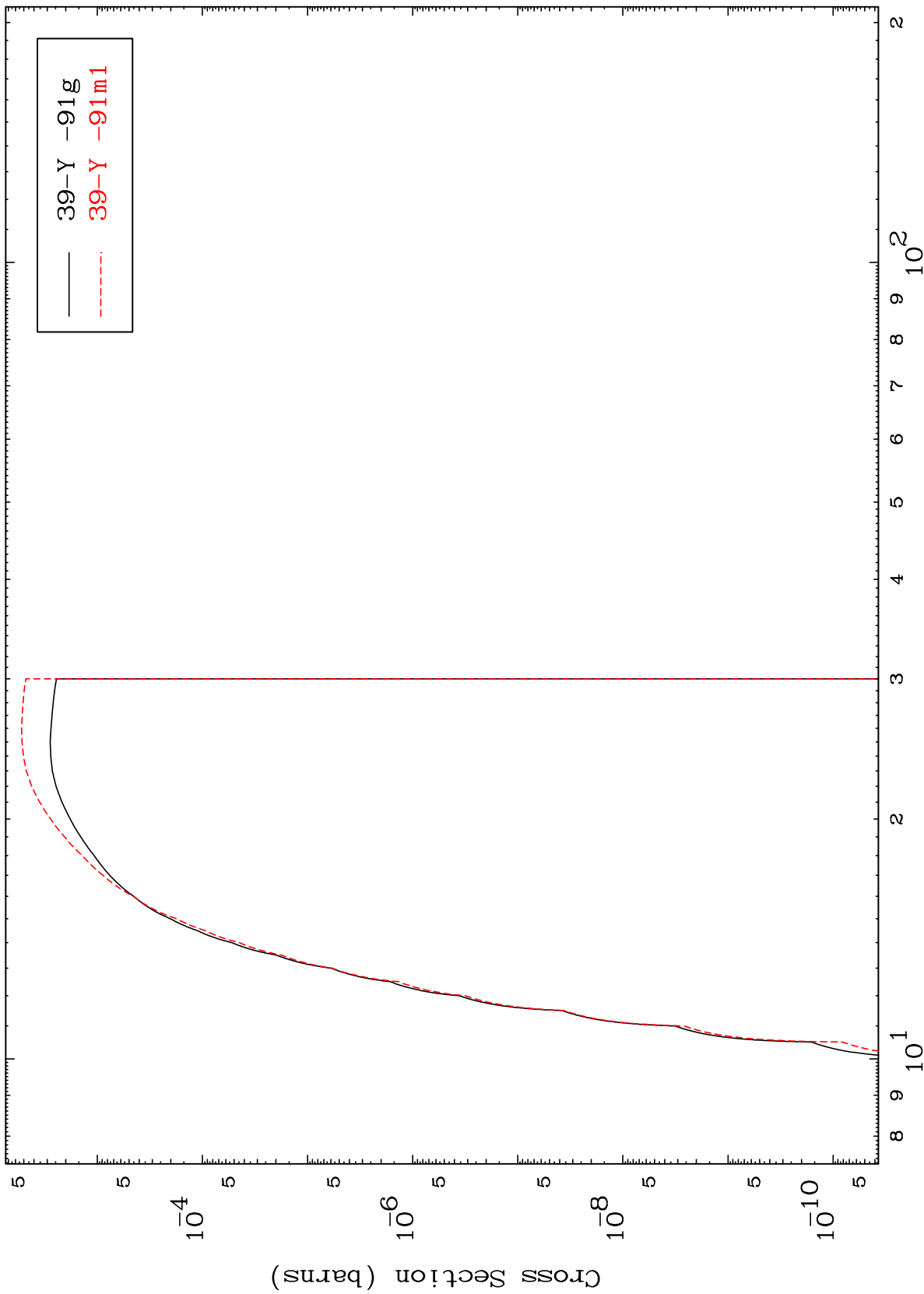
40-Zr-93

Incident Energy (MeV)

MAT 4034

40-Zr-93

(n, t)
Radionuclide Production Cross Section



149

Incident Energy (MeV)

40-Zr-93