

Program EVALPLOT
(Version 2018-1)

by

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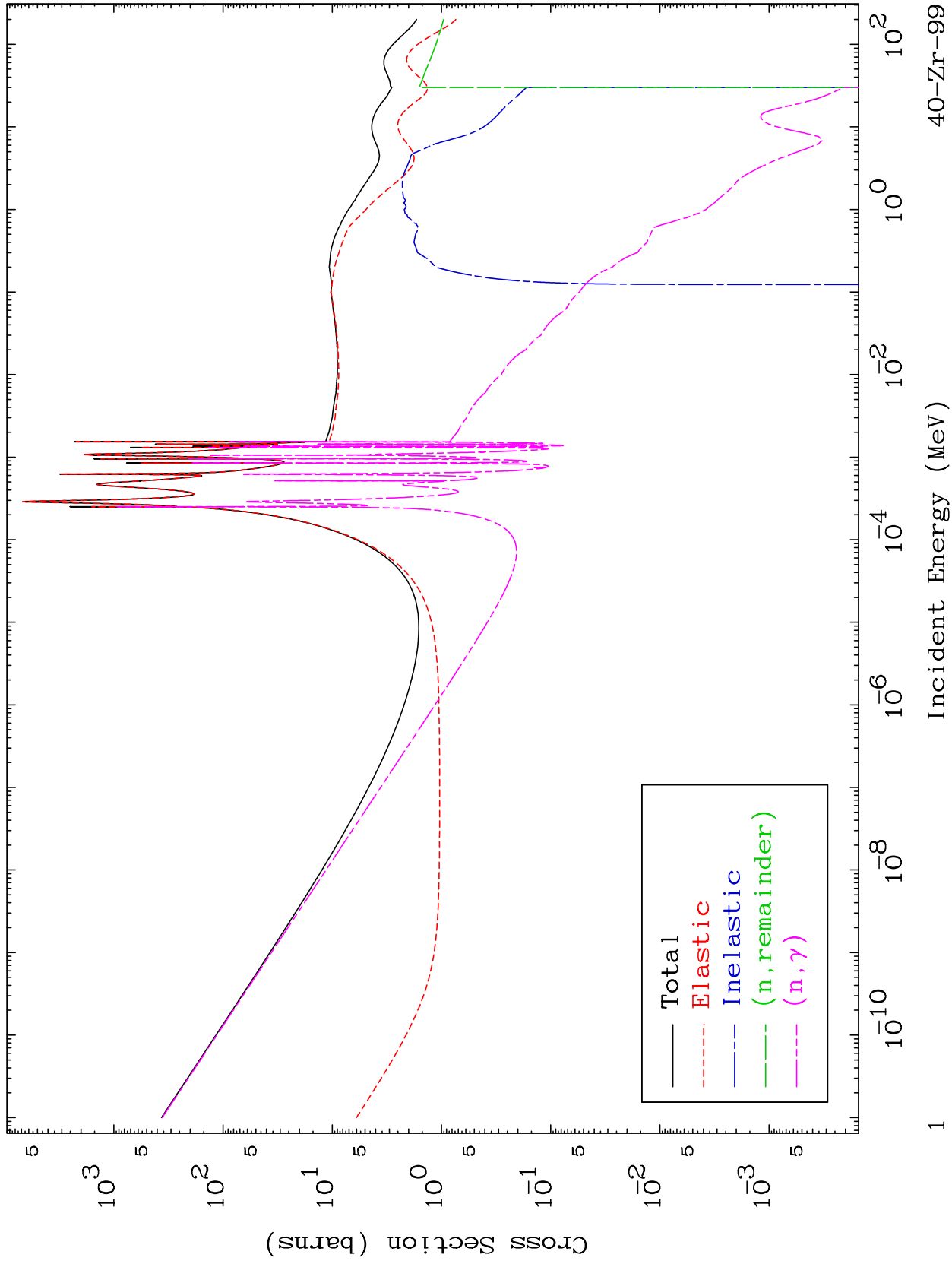
Press Mouse Button to Start

MAT 4052

Major

293 Kelvin Cross Sections

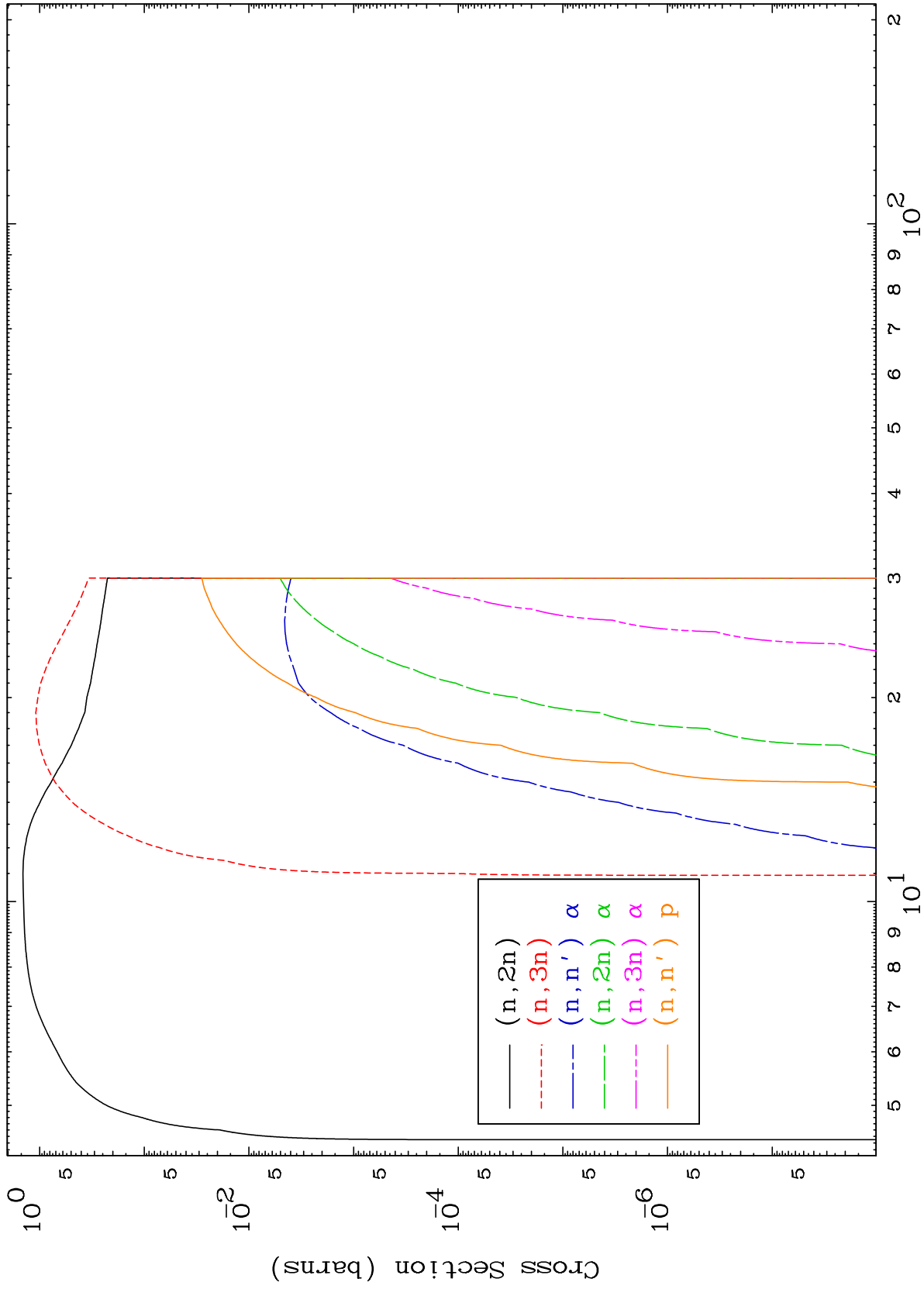
40-Zr-99



MAT 4052

Neutron Production
293 Kelvin Cross Sections

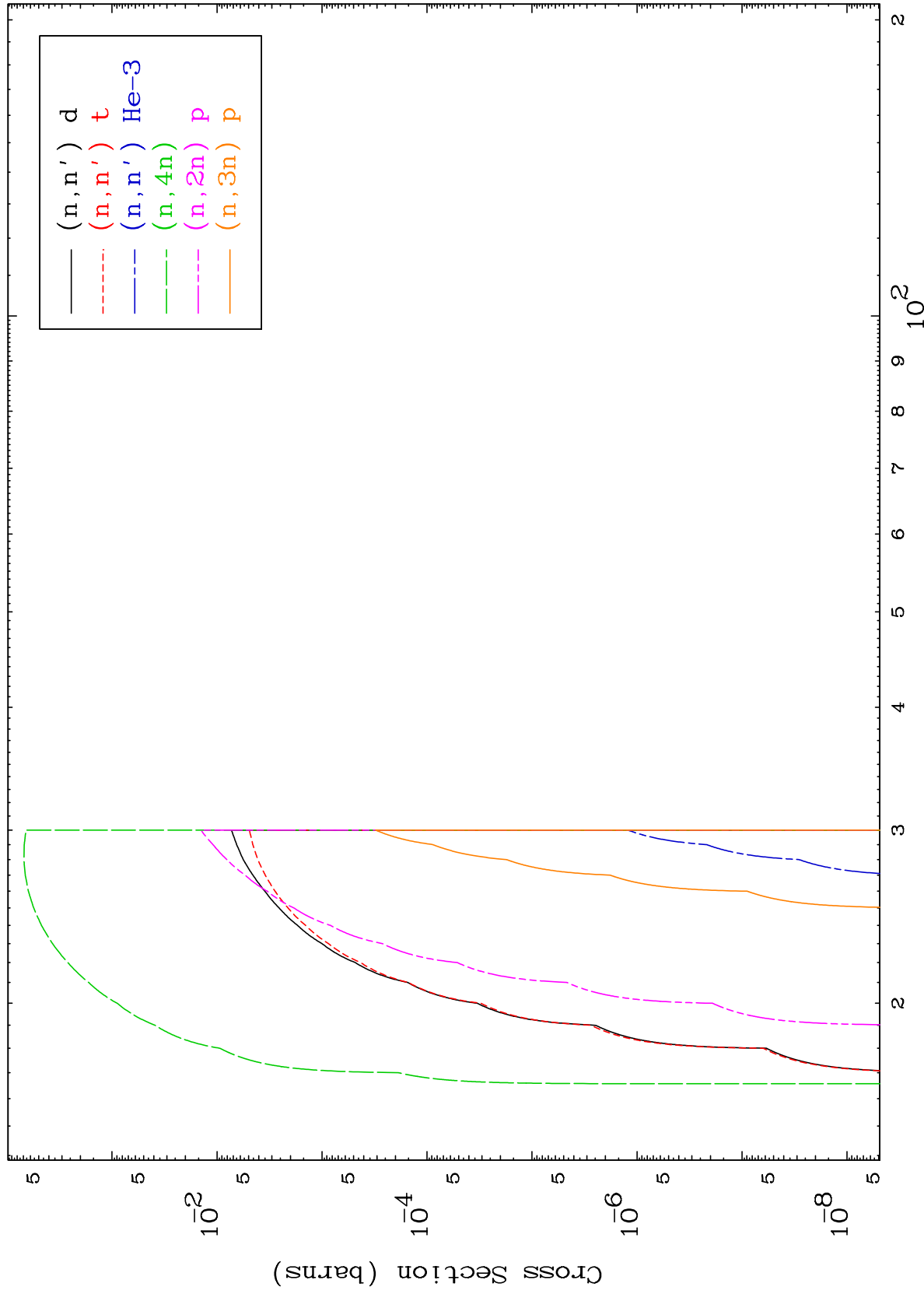
40-Zr-99

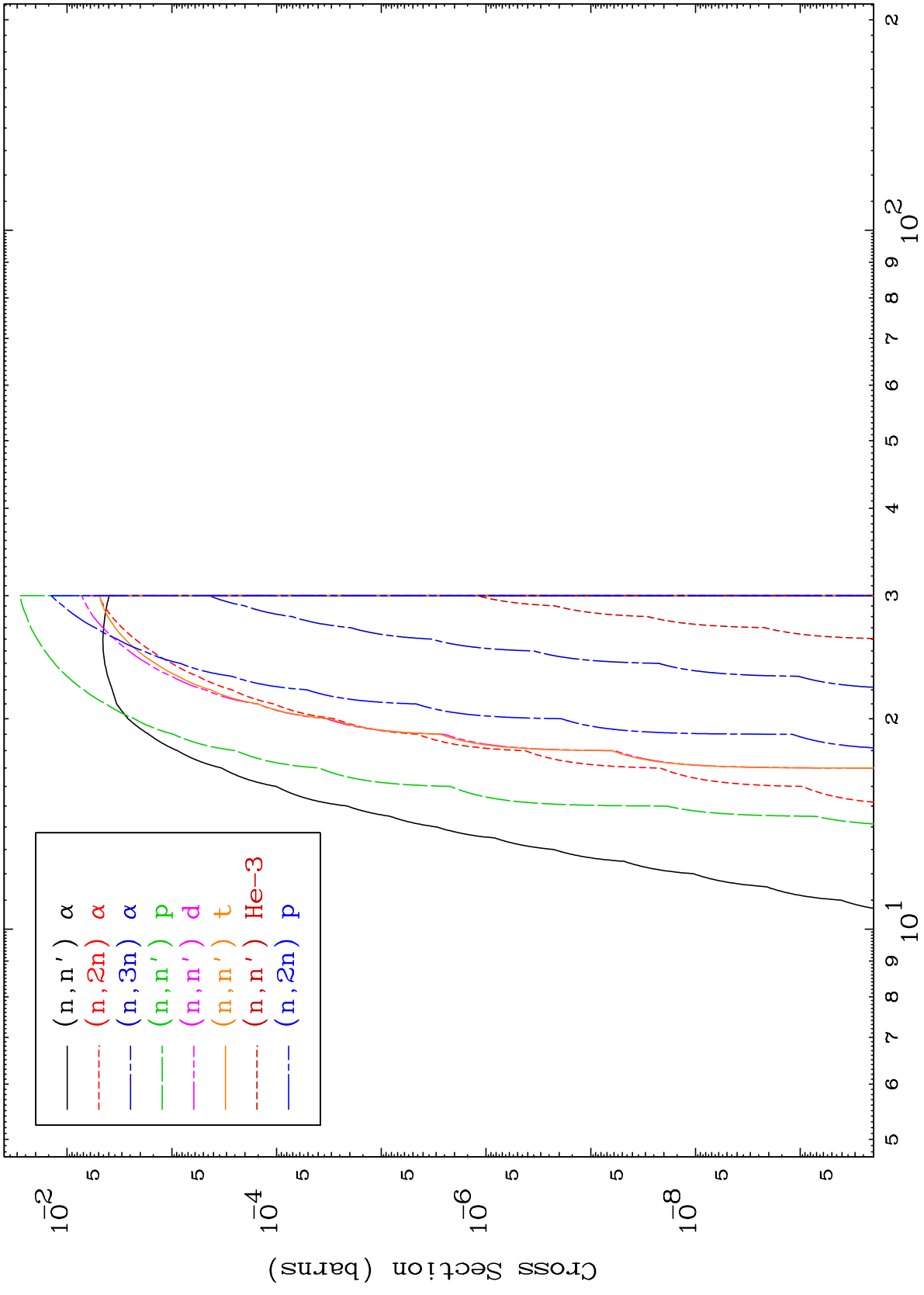


2

Incident Energy (MeV)

40-Zr-99

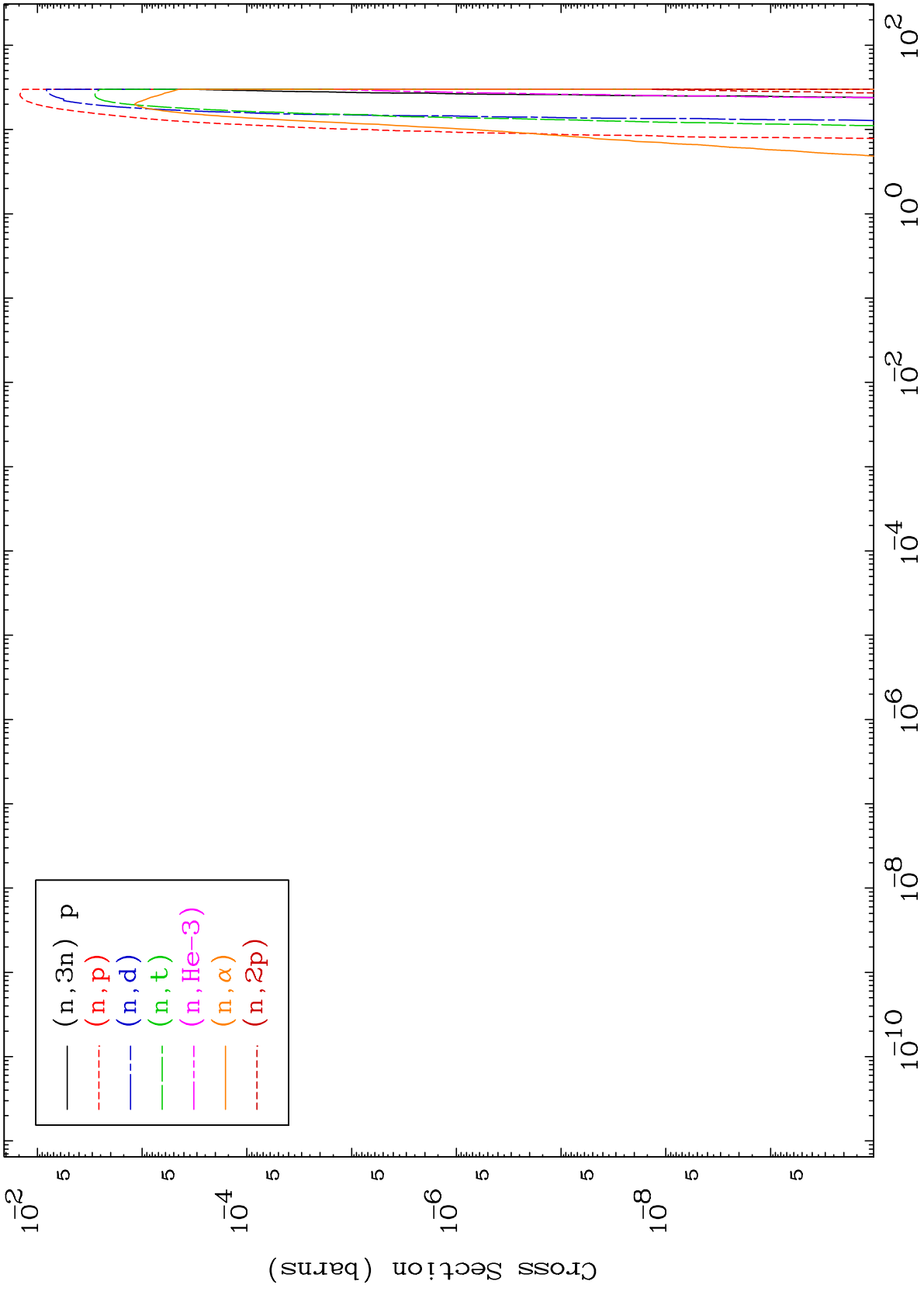




MAT 4052

Charged Particle
293 Kelvin Cross Sections

40-Zr-99

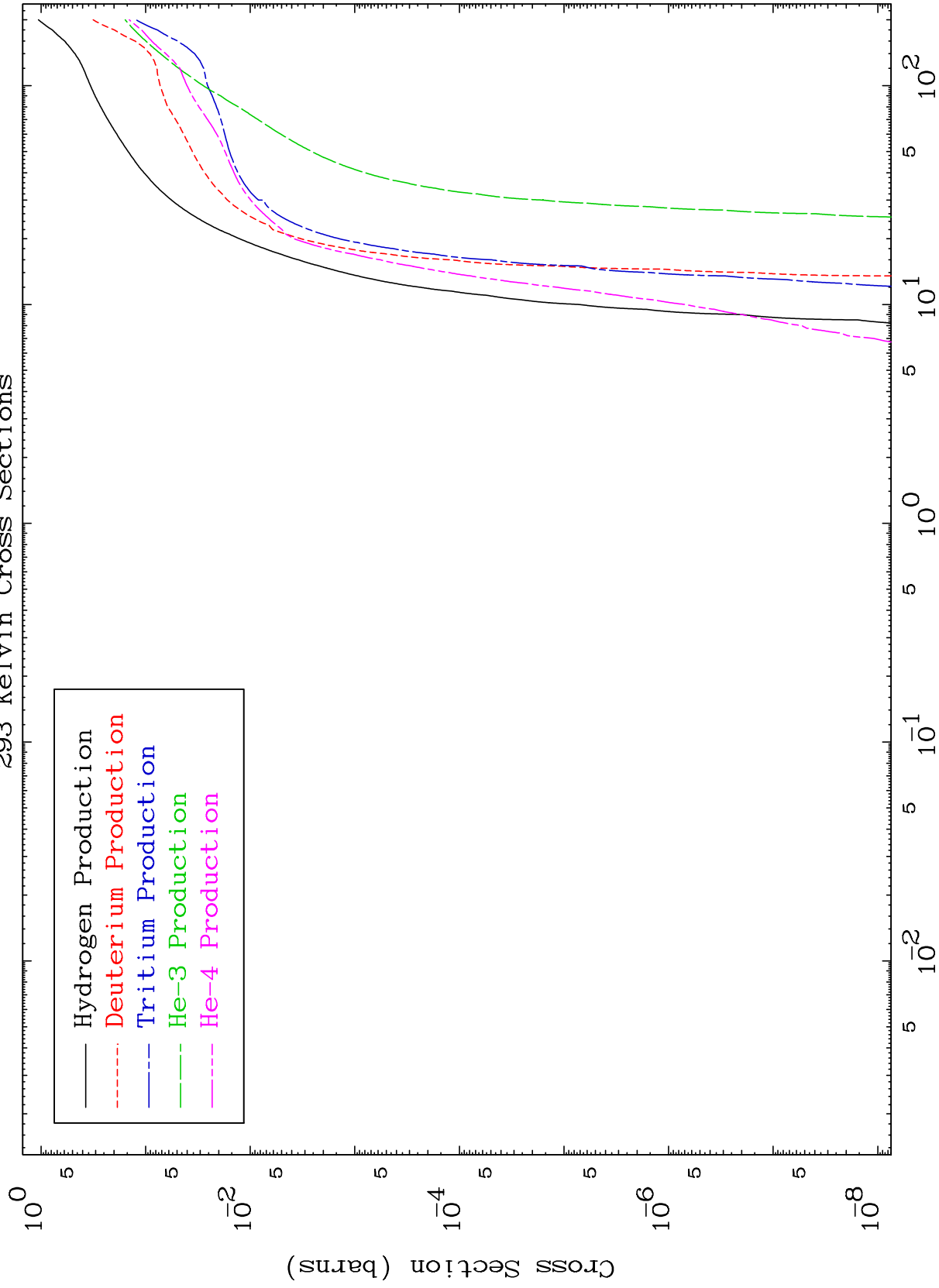


40-Zr-99

MAT 4052

Particle Production
293 Kelvin Cross Sections

40-Zr-99



6

Incident Energy (MeV)

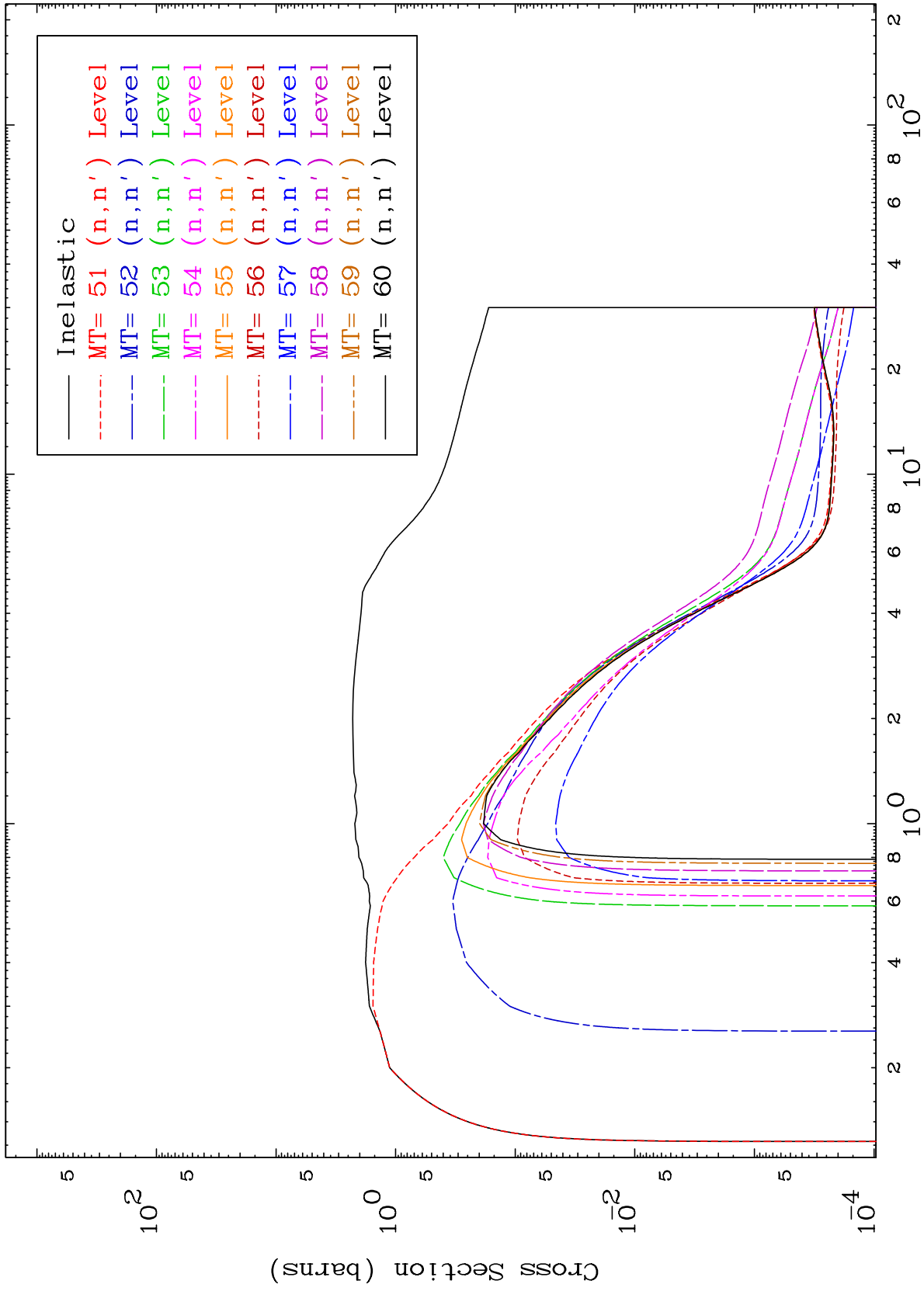
40-Zr-99

MAT 4052

(n,n') Level

40-Zr-99

293 Kelvin Cross Sections



7

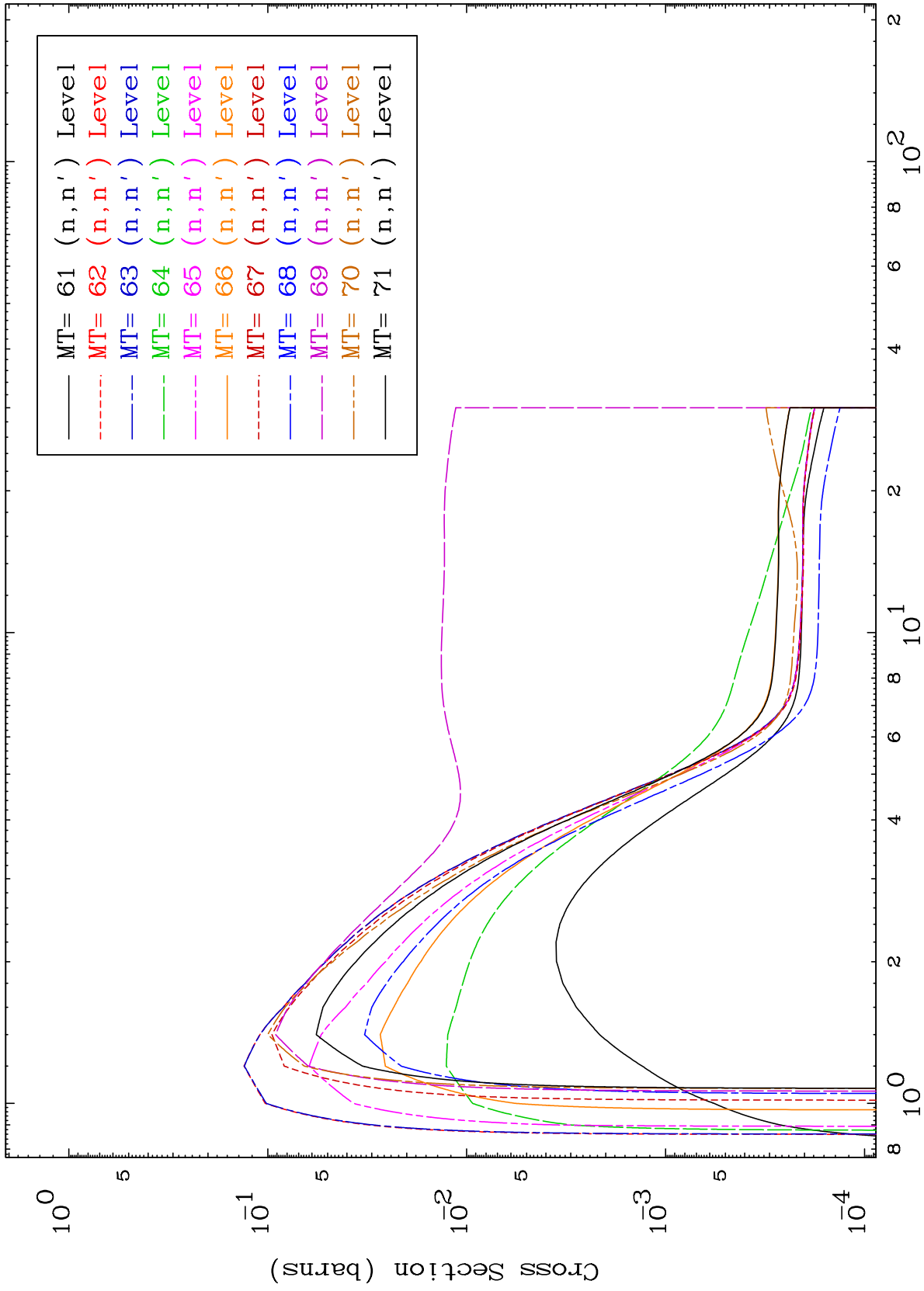
Incident Energy (MeV)

40-Zr-99

MAT 4052

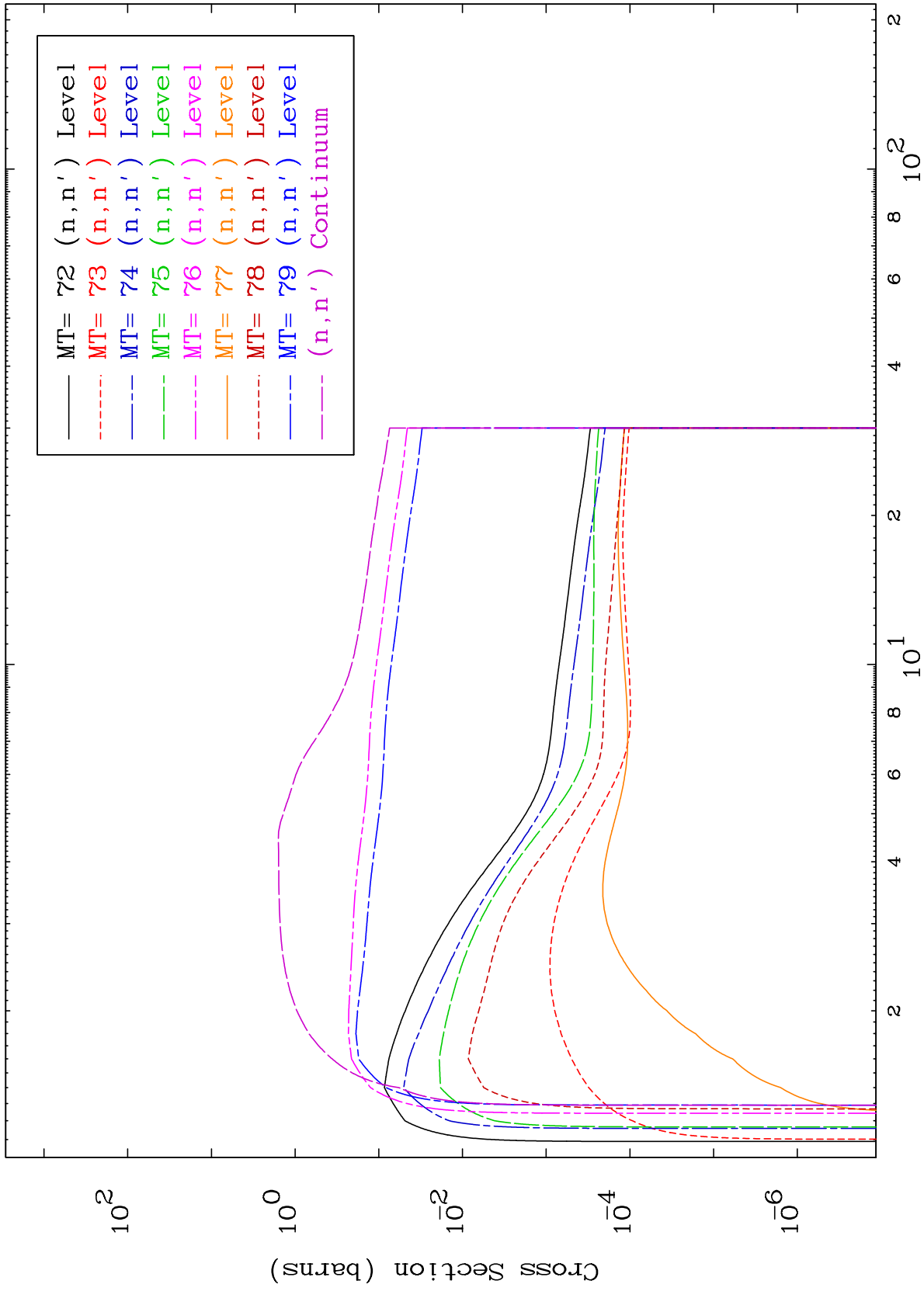
(n,n') Level
293 Kelvin Cross Sections

40-Zr-99



Incident Energy (MeV)

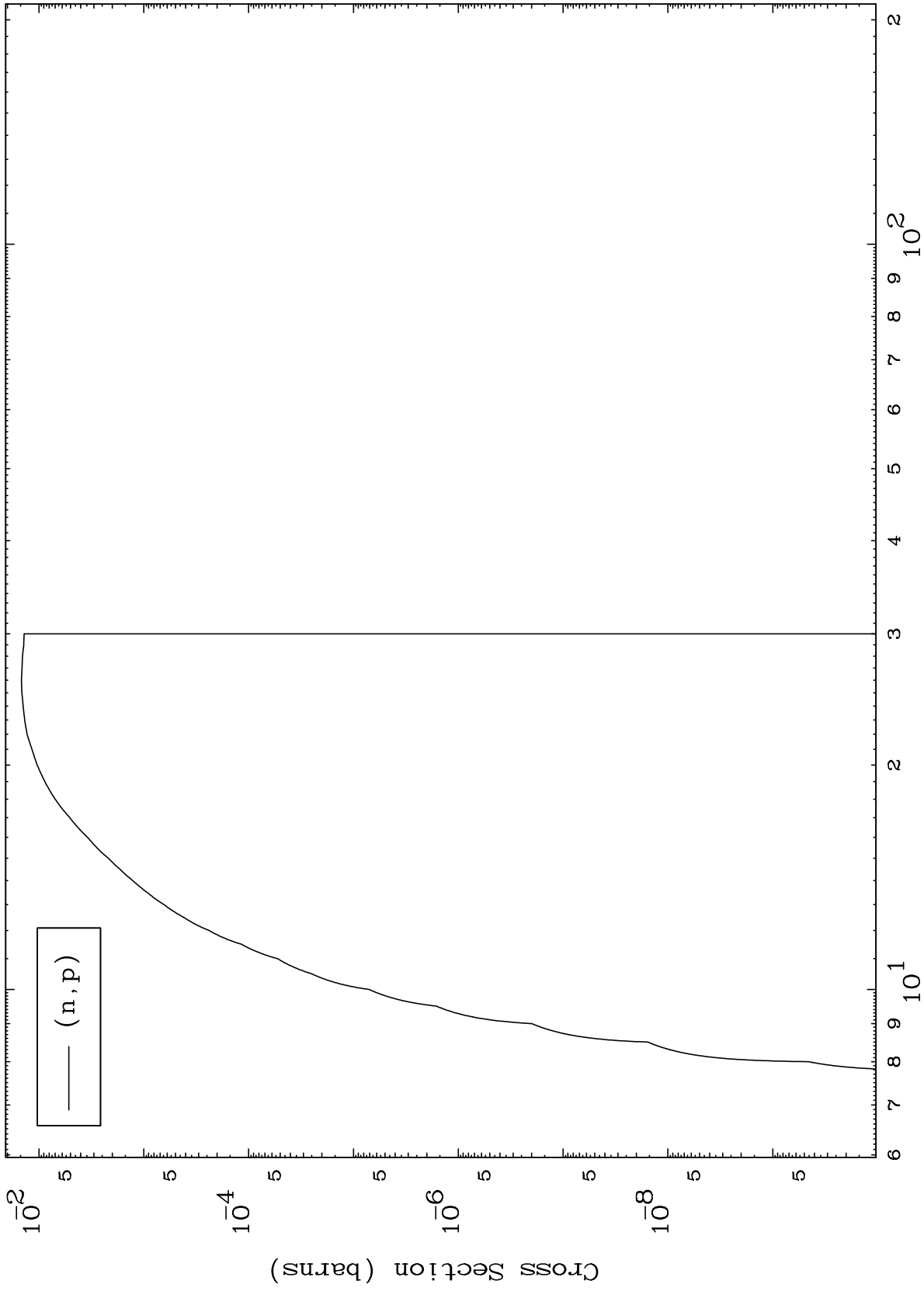
40-Zr-99



MAT 4052

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-99



10

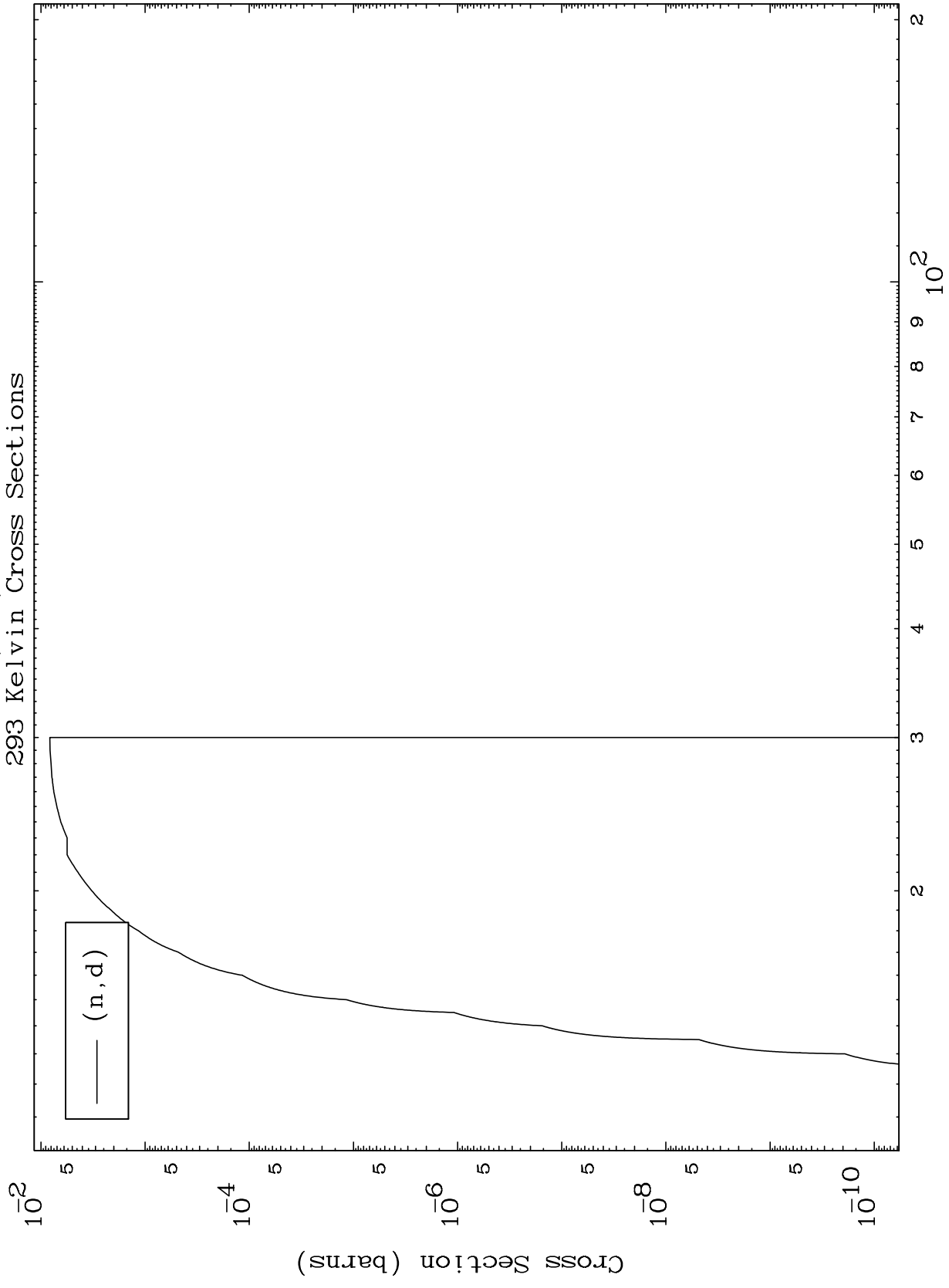
Incident Energy (MeV)

40-Zr-99

MAT 4052

(n,d) Levels
293 Kelvin Cross Sections

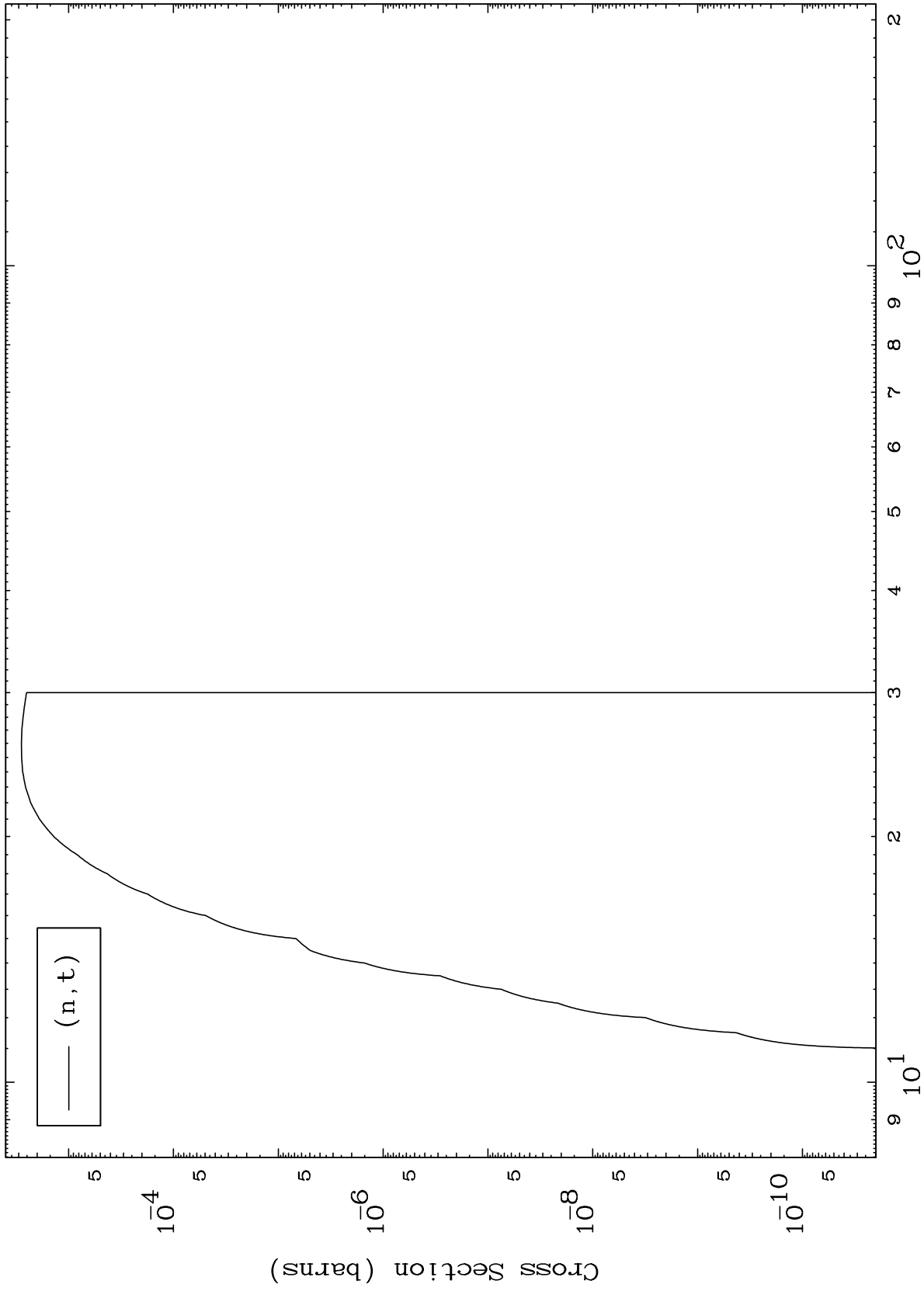
40-Zr-99



MAT 4052

(n,t) Levels
293 Kelvin Cross Sections

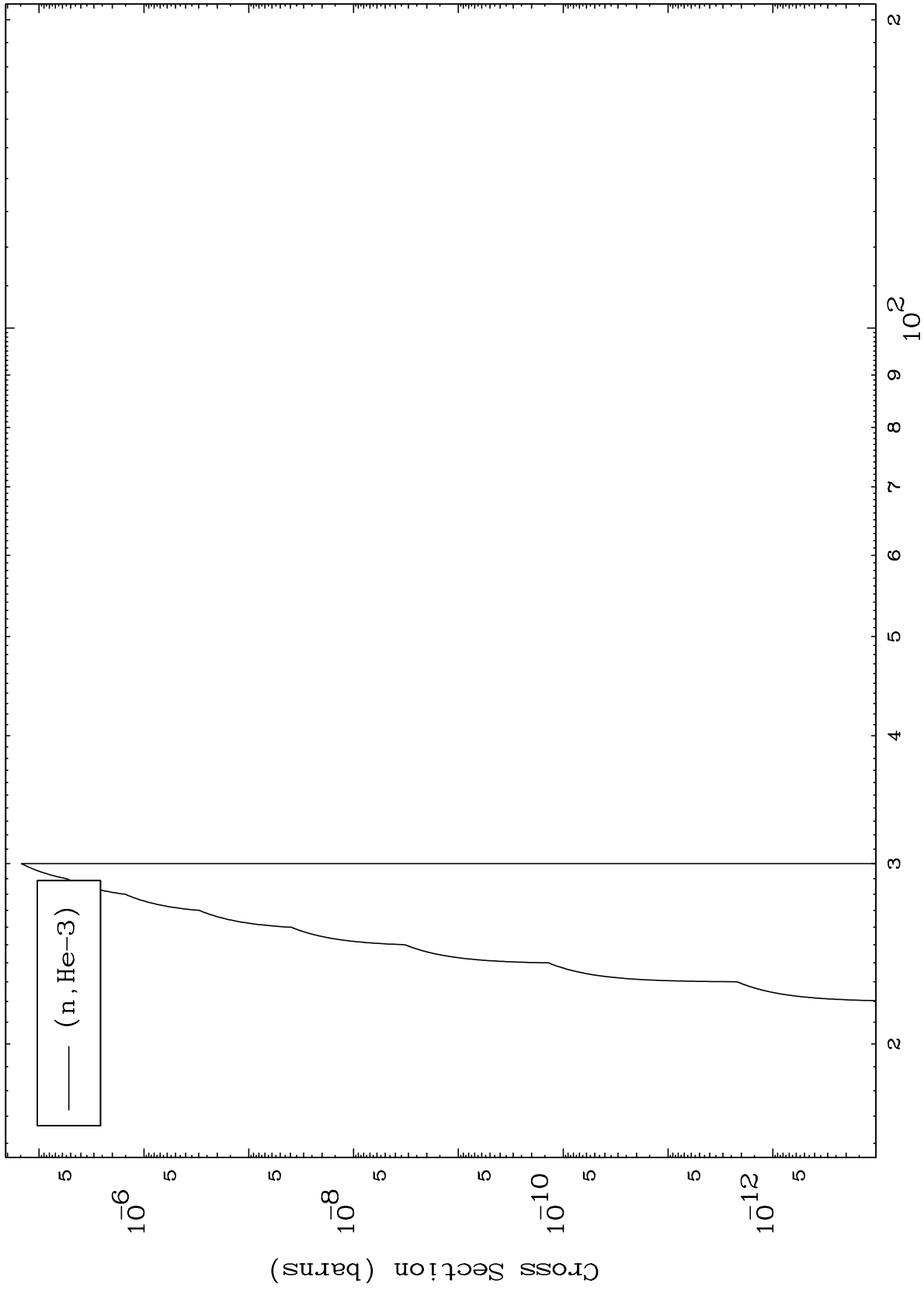
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12

Incident Energy (MeV)

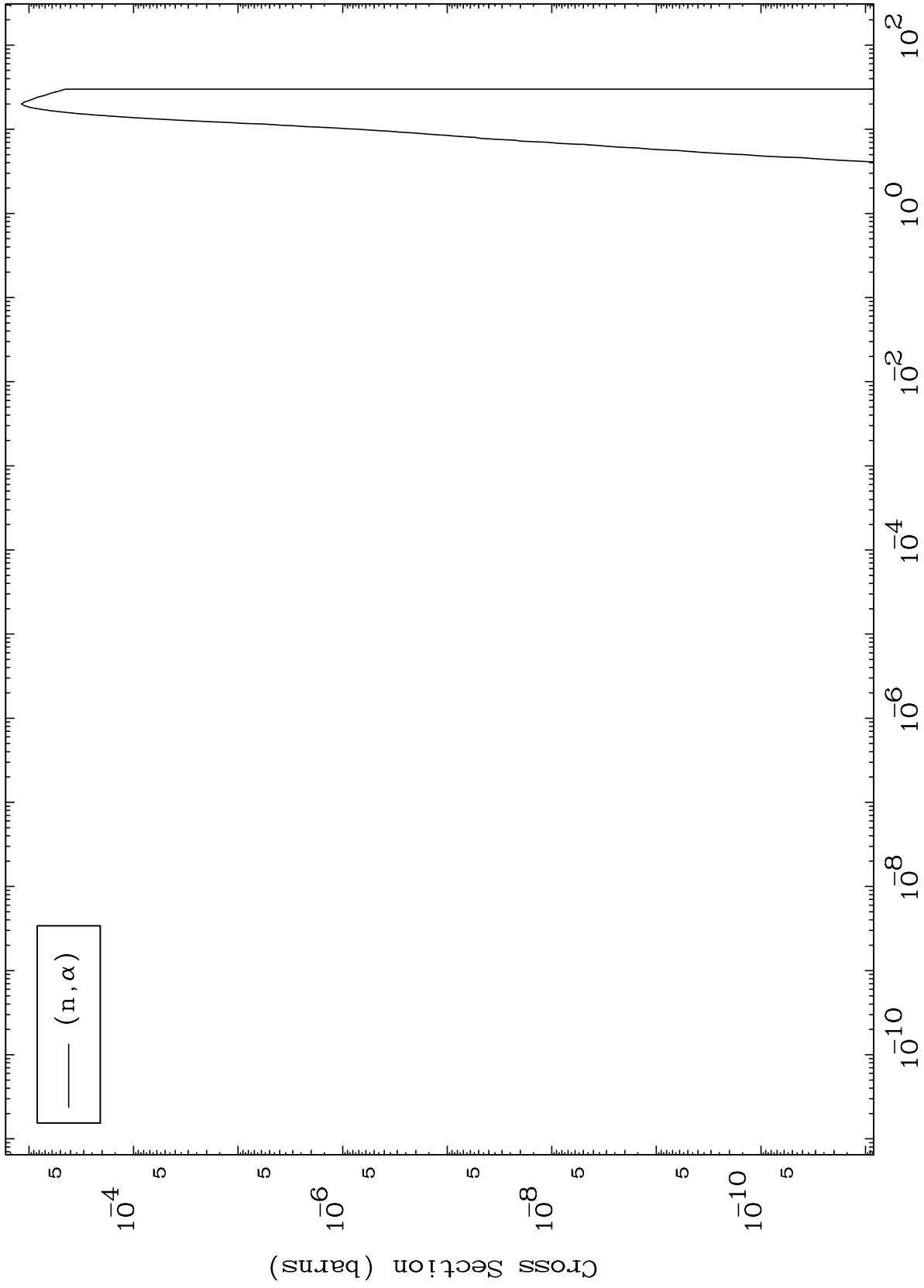
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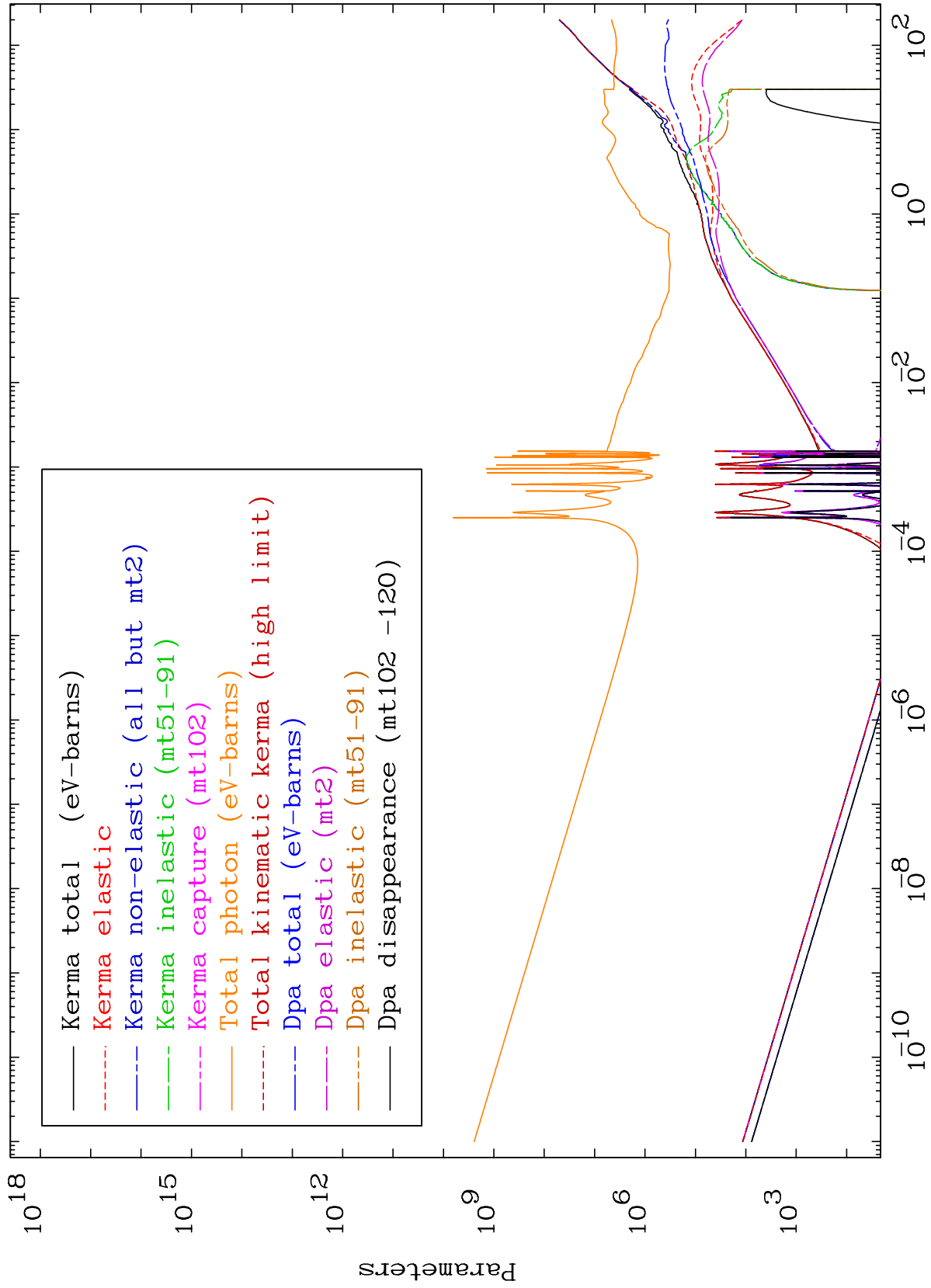


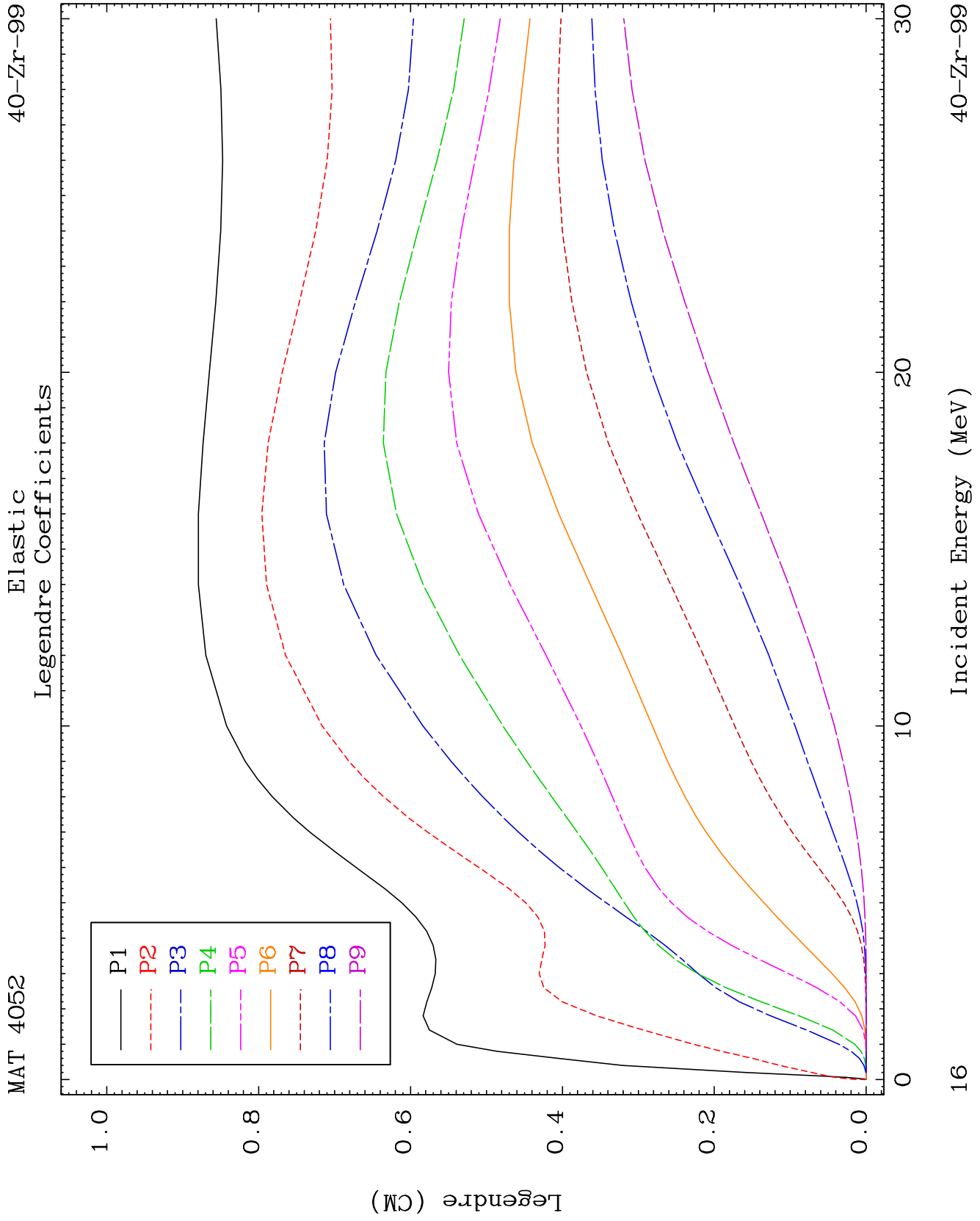
MAT 4052

(n,α) Levels
293 Kelvin Cross Sections

40-Zr-99



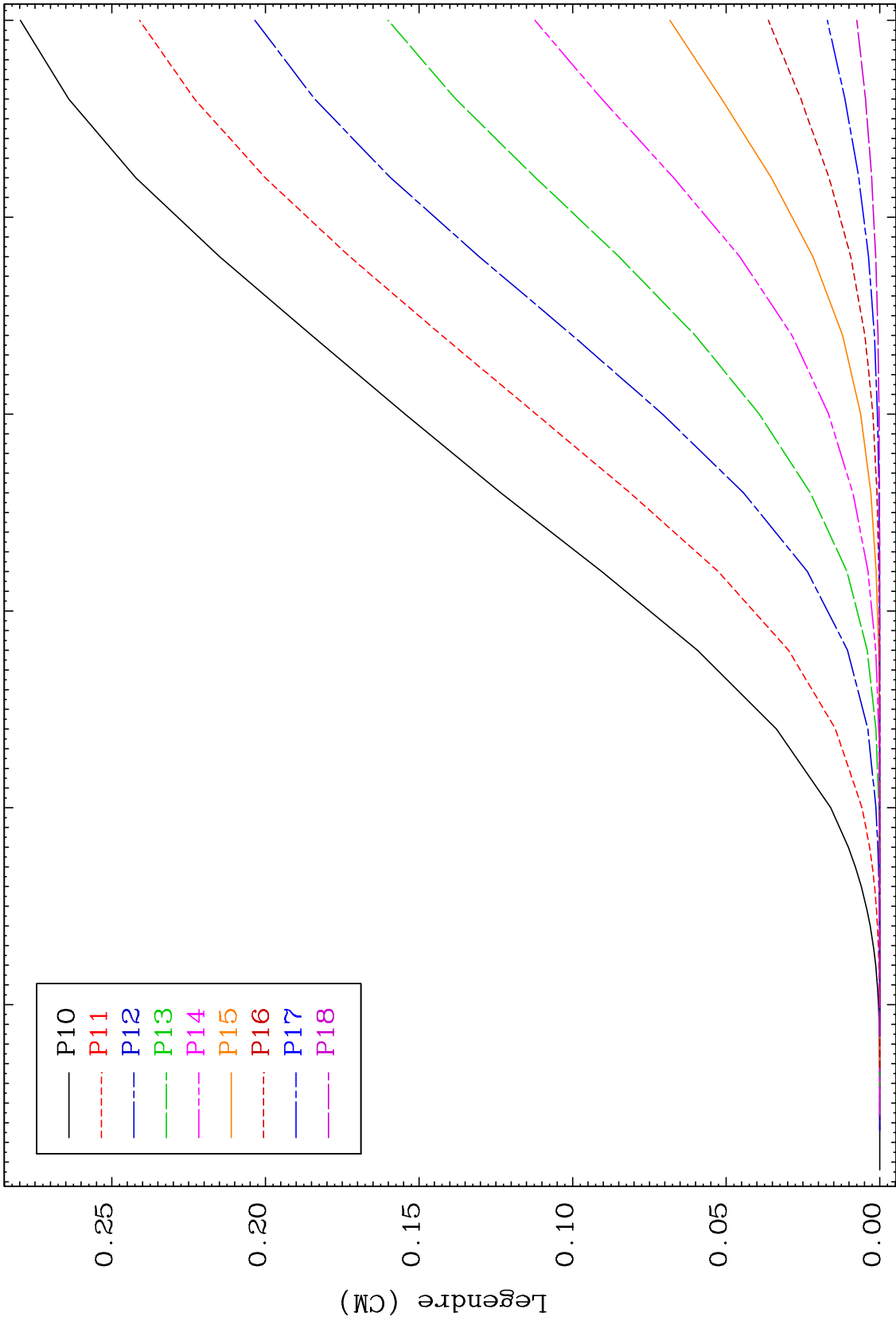




MAT 4052

Elastic Legendre Coefficients

40-Zr-99



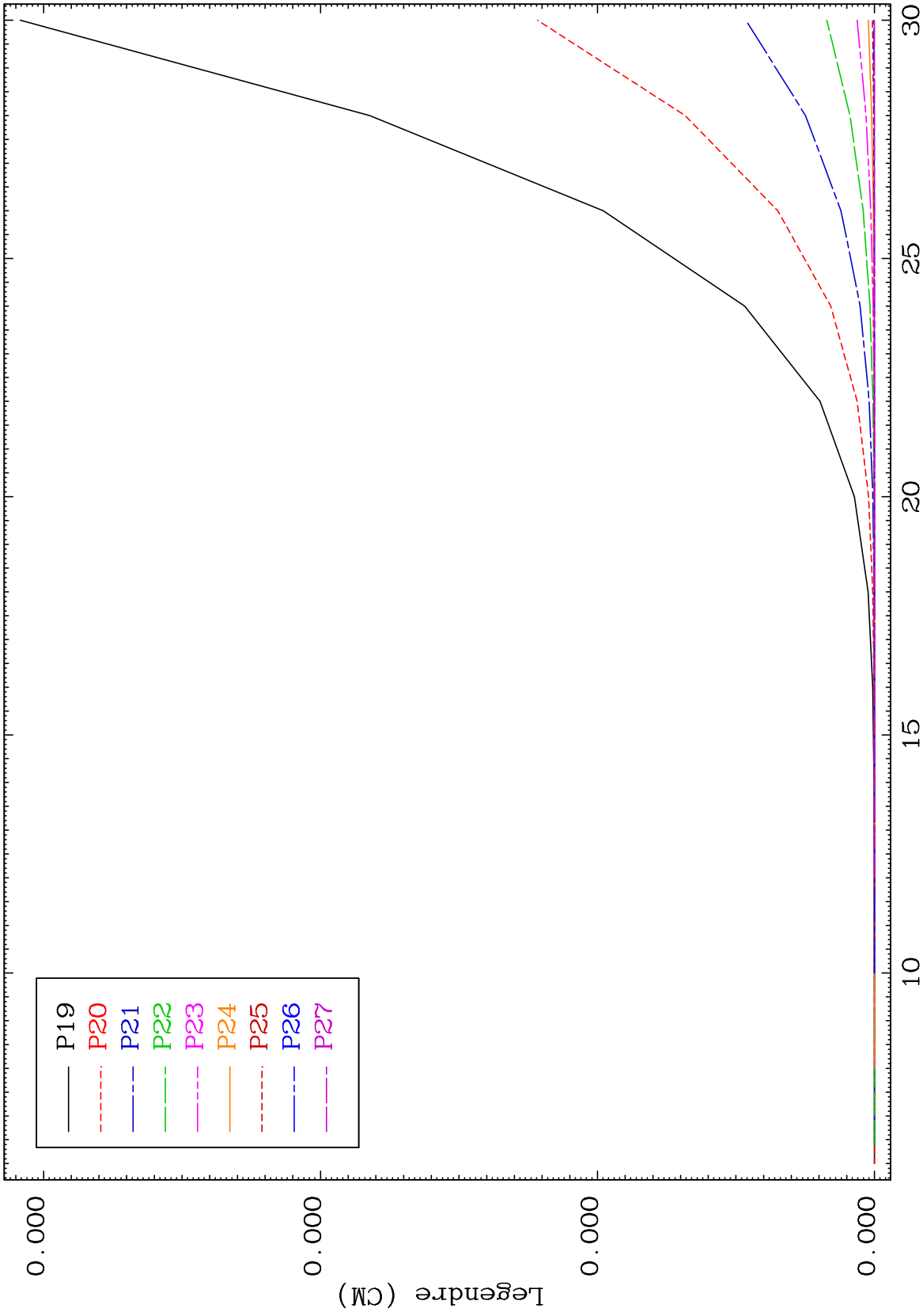
17

40-Zr-99

MAT 4052

Elastic Legendre Coefficients

40-Zr-99



18

Incident Energy (MeV)

40-Zr-99

MAT 4052

40-Zr-99

Elastic Legendre Coefficients

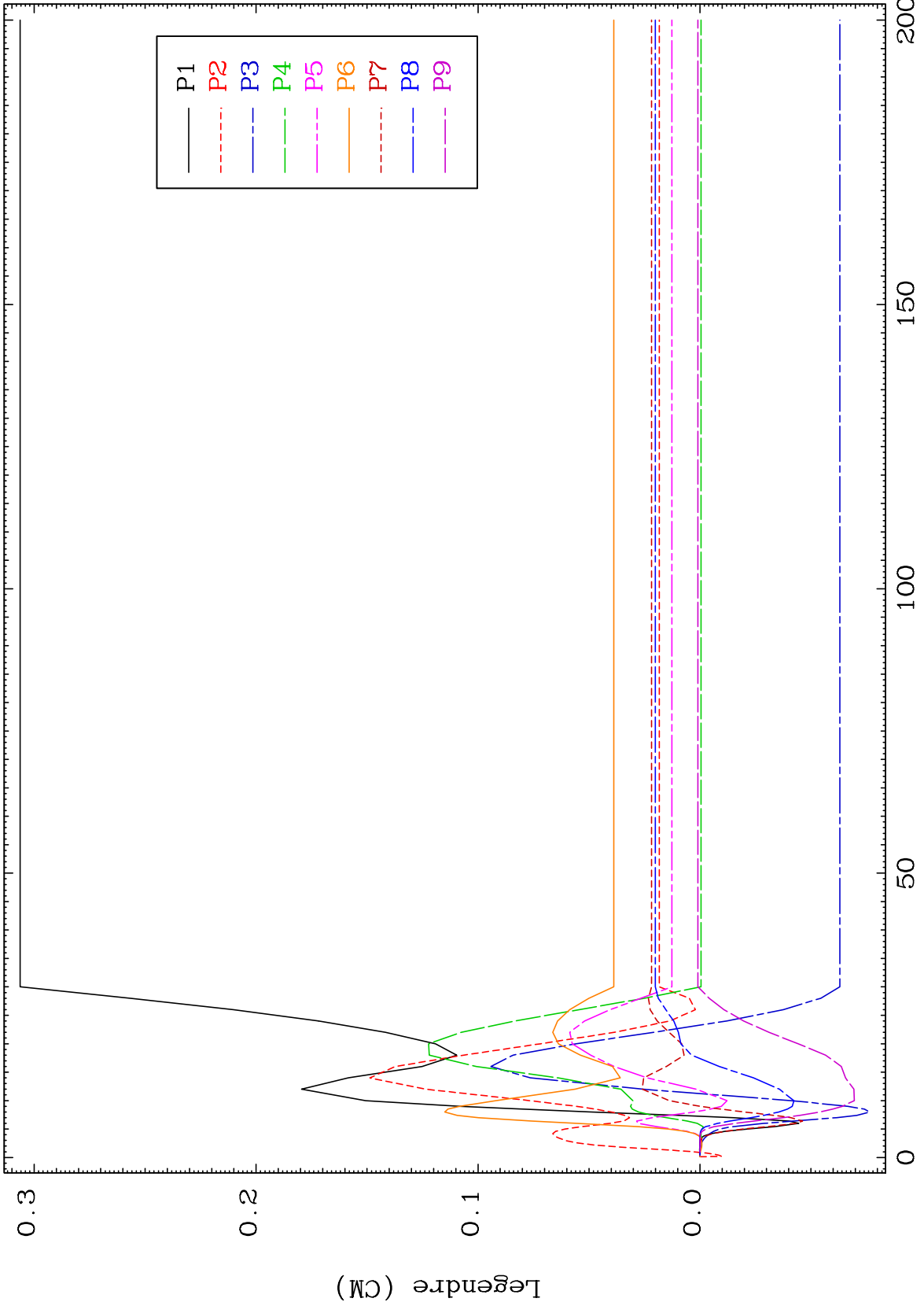


19

Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-99

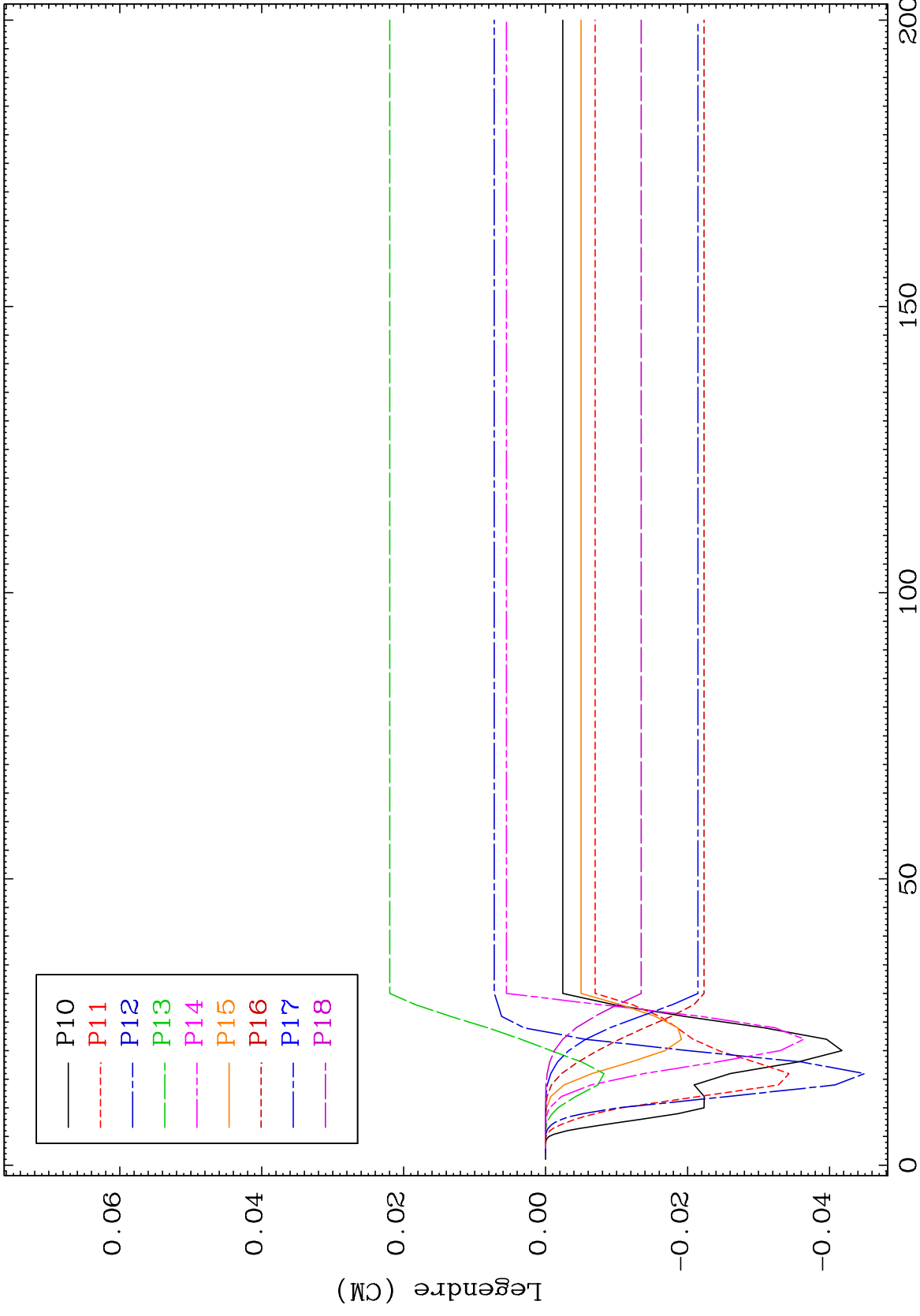


40-Zr-99

MAT 4052

MT= 51 (n,n') Level
Legendre Coefficients

40-Zr-99

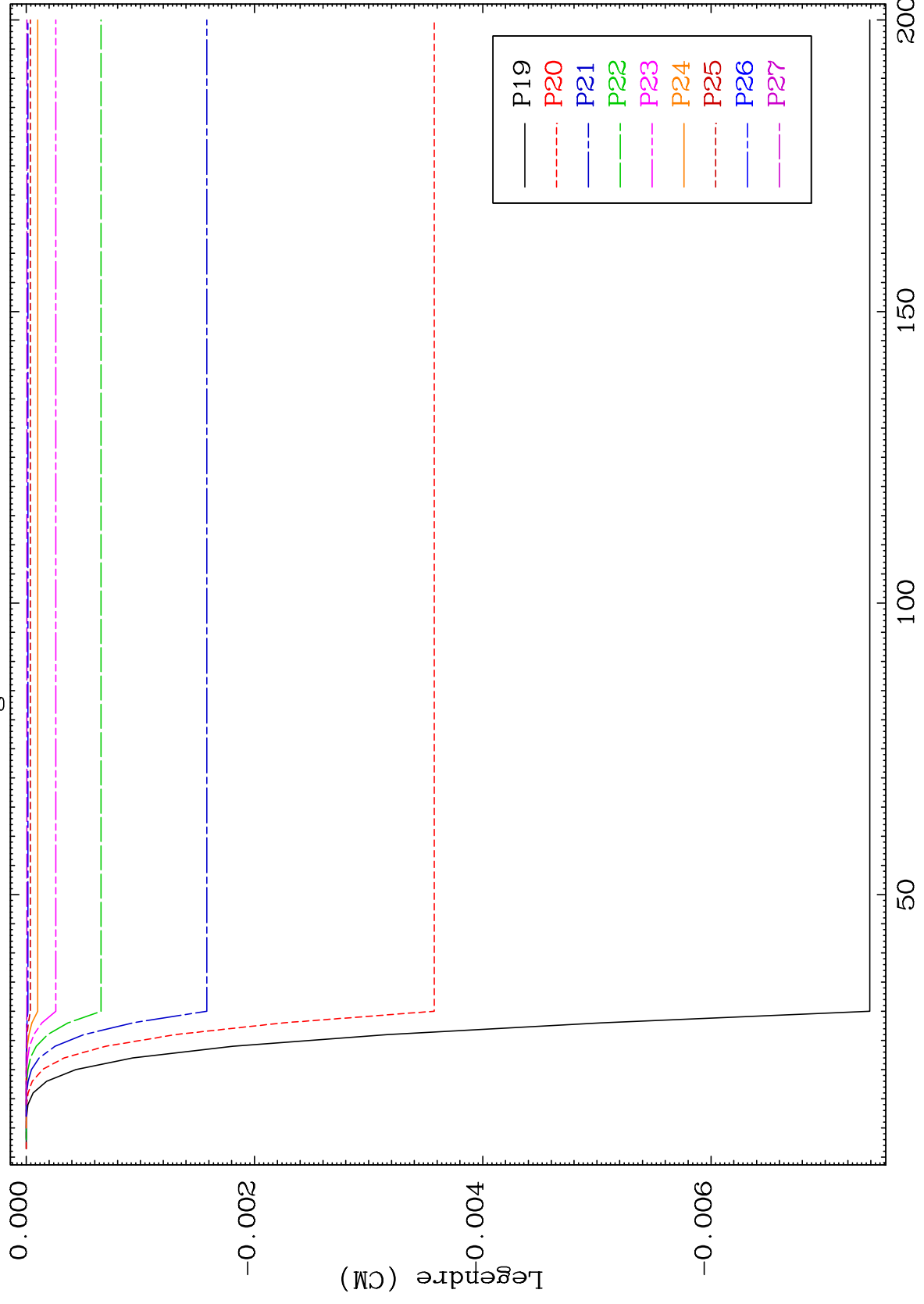


21

Incident Energy (MeV)

40-Zr-99

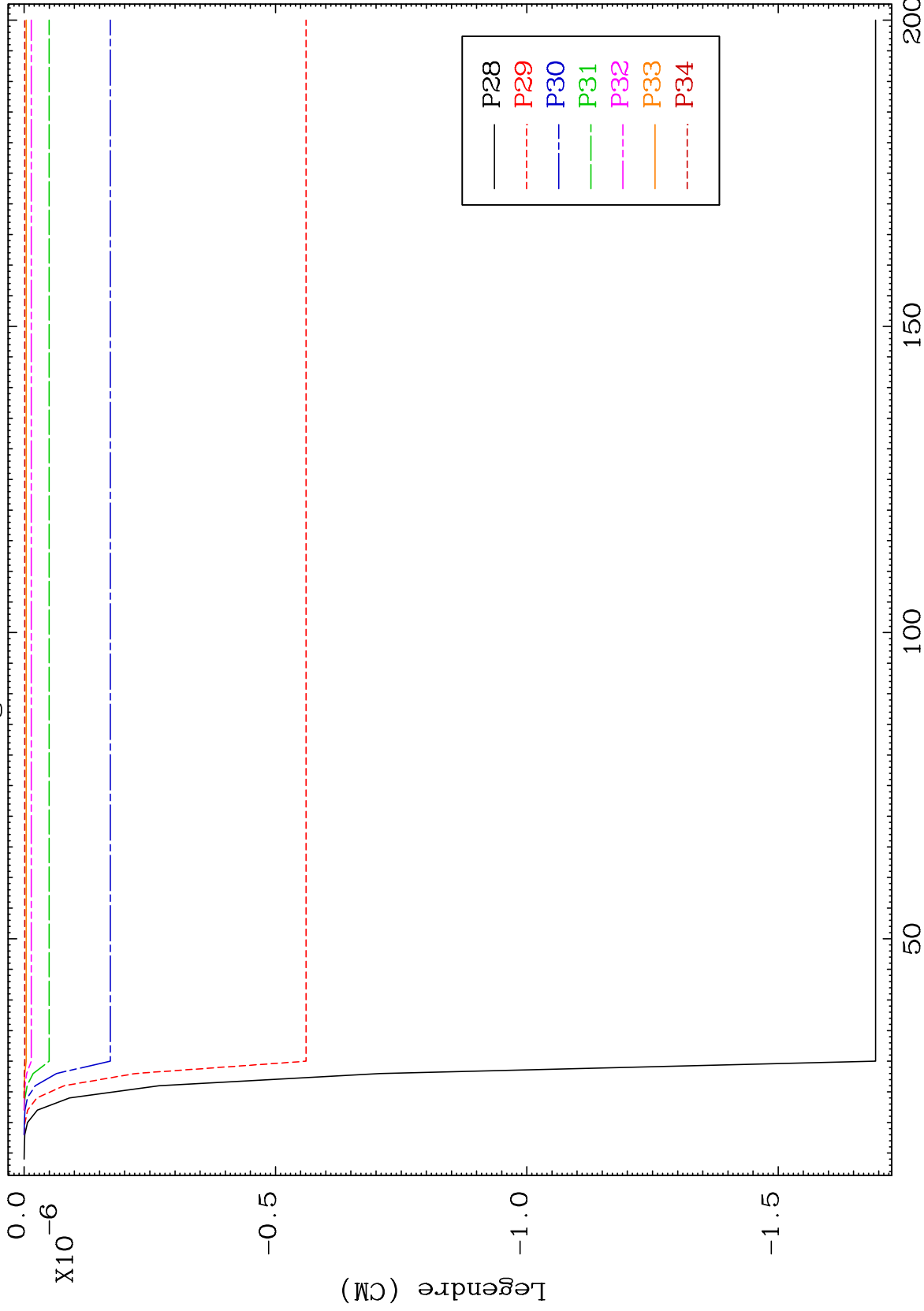
MAT 4052 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

MT= 51 (n,n') Level
Legendre Coefficients

40-Zr-99

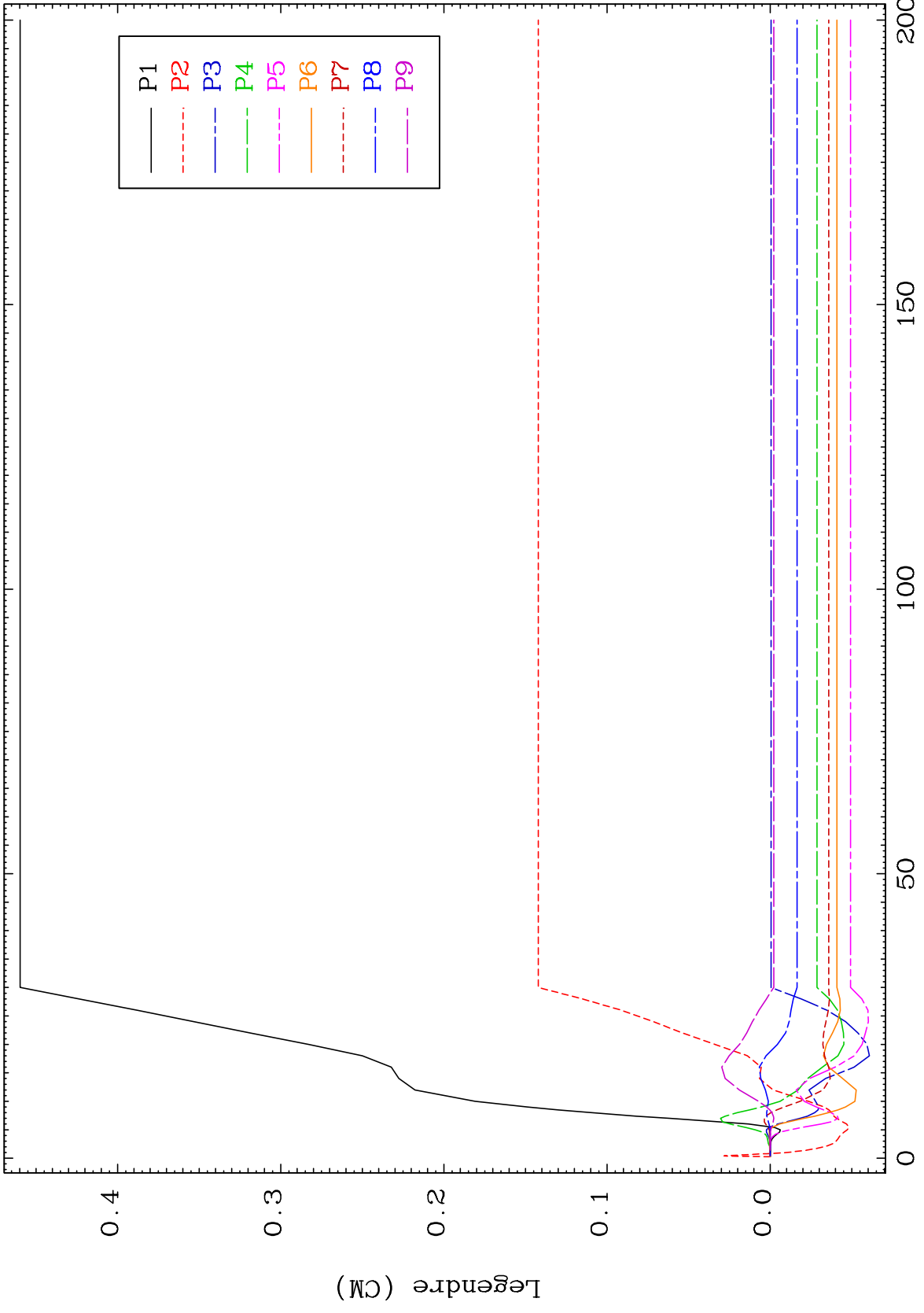


40-Zr-99

Incident Energy (MeV)

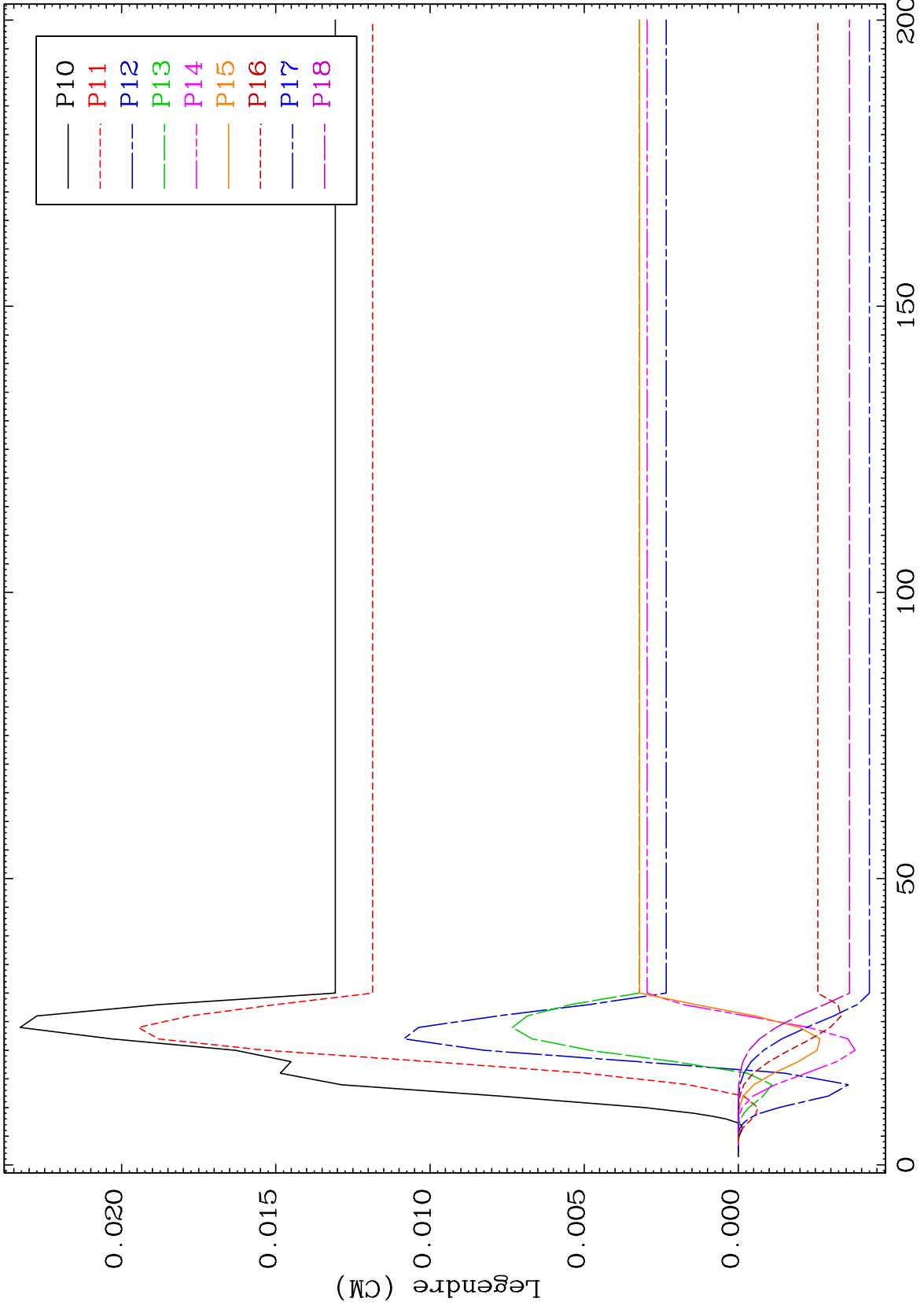
23

MAT 4052 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-99



24 40-Zr-99

MAT 4052 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-99

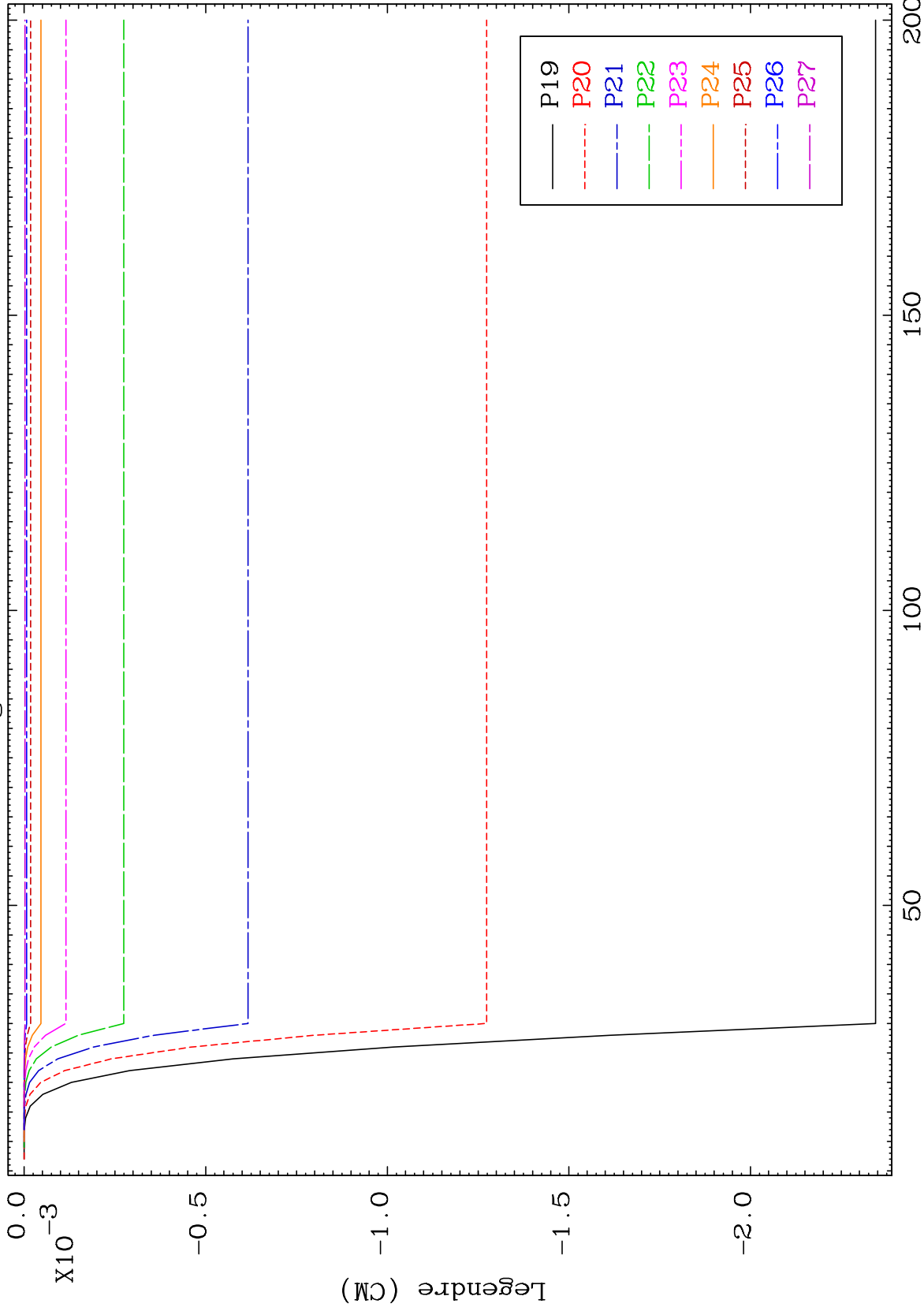


Legendre (CM) Incident Energy (MeV) 40-Zr-99

MAT 4052

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

40-Zr-99

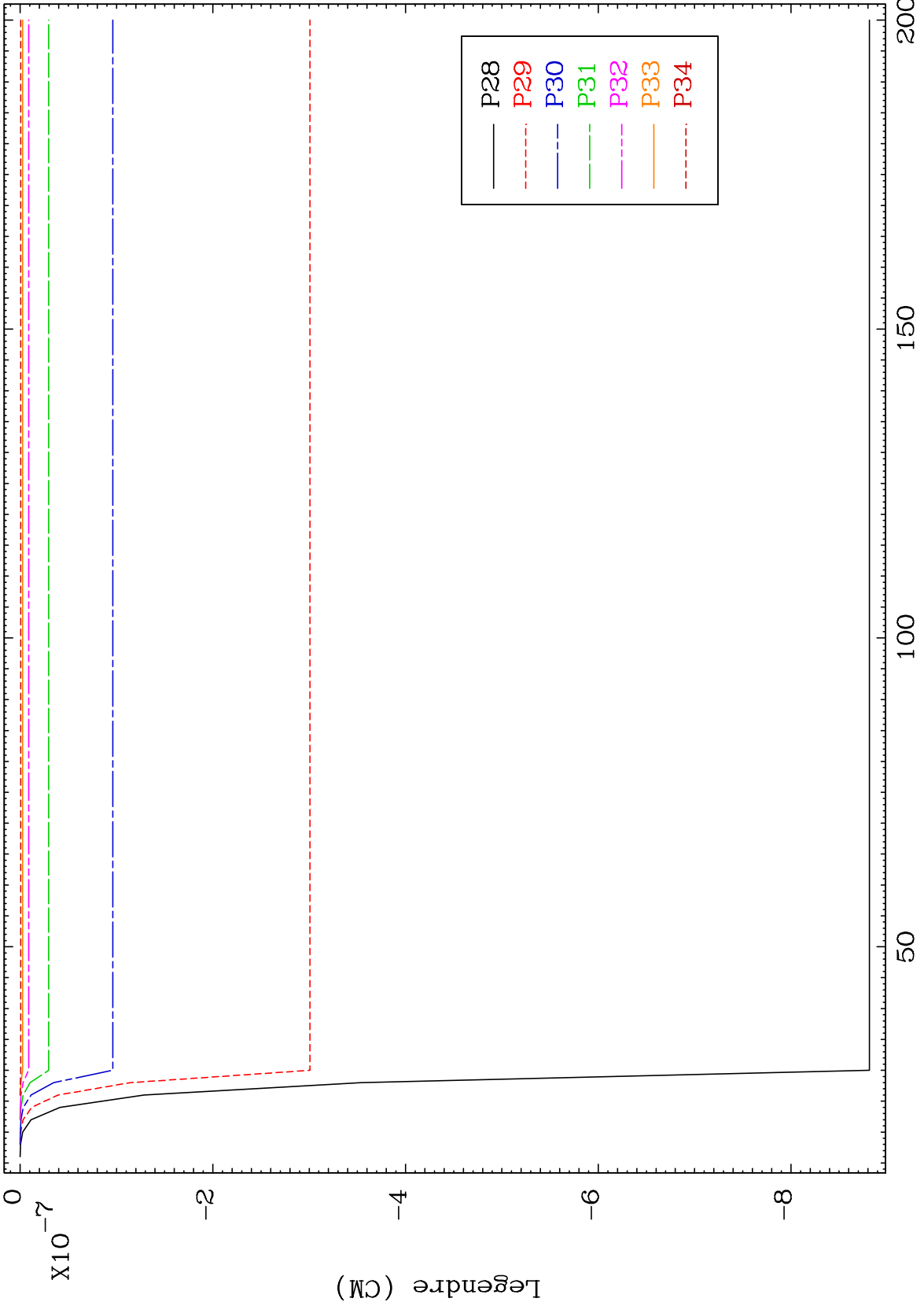


40-Zr-99

Incident Energy (MeV)

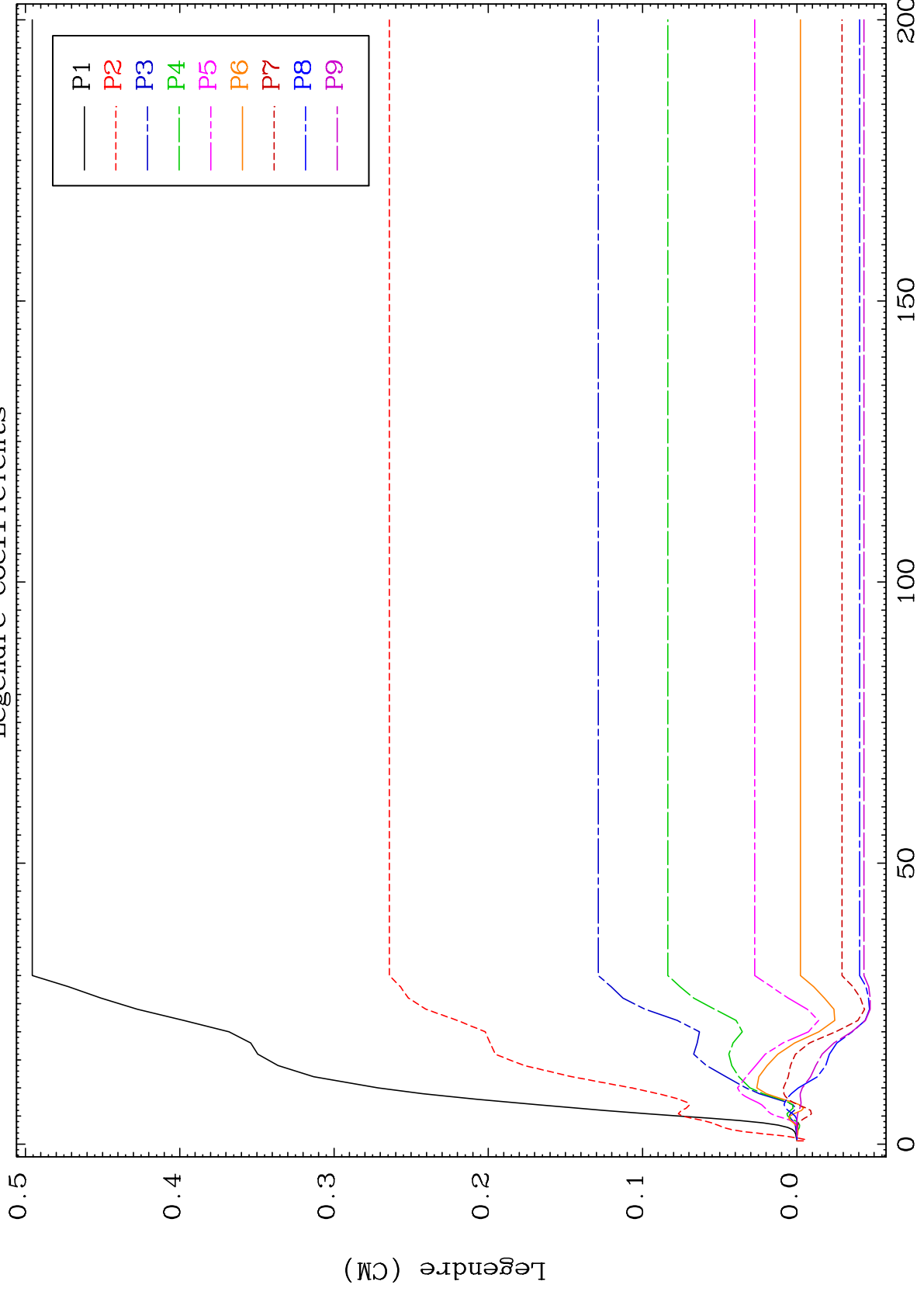
26

MAT 4052 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-99



27 Incident Energy (MeV) 40-Zr-99

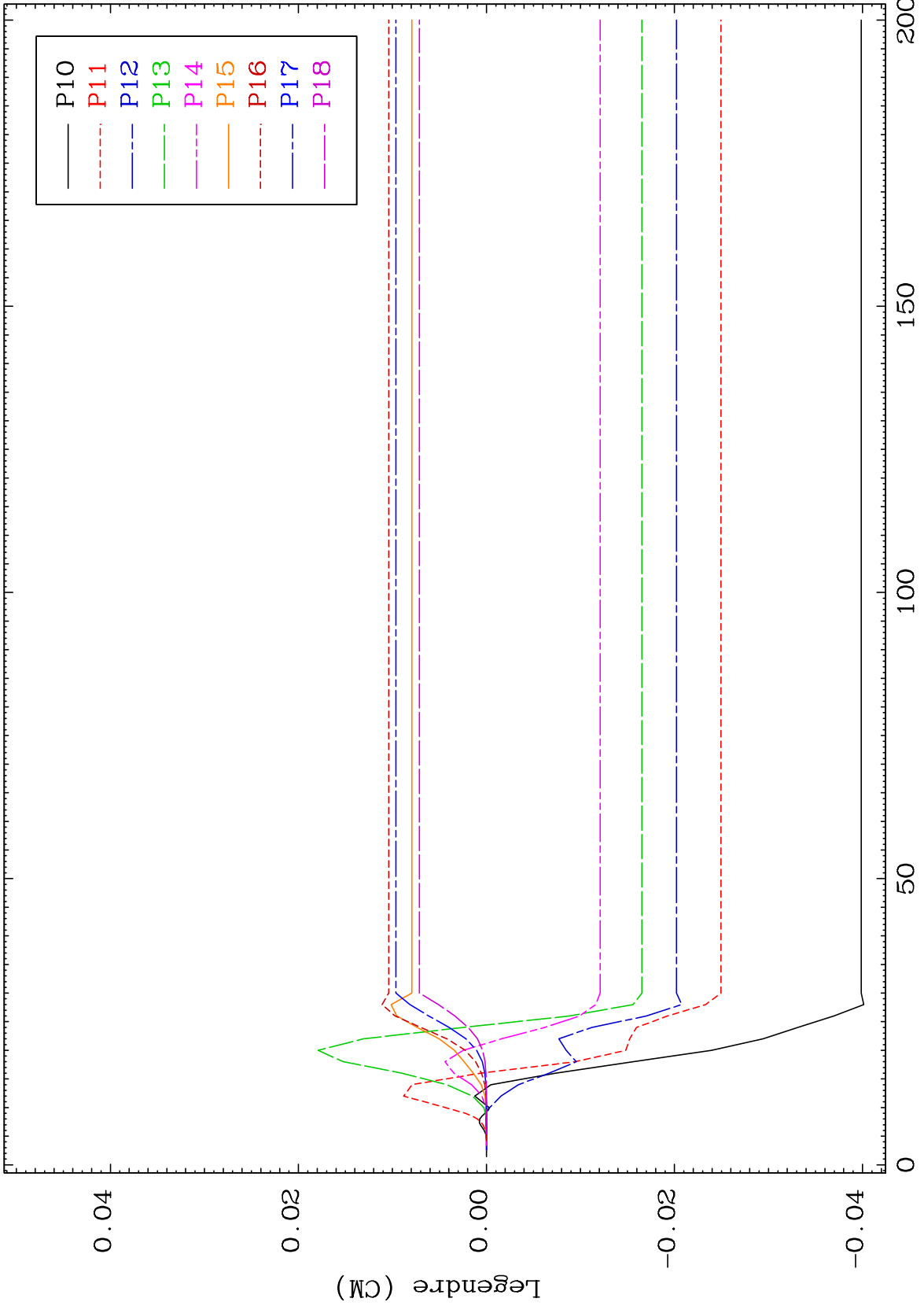
MAT 4052 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

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

40-Zr-99

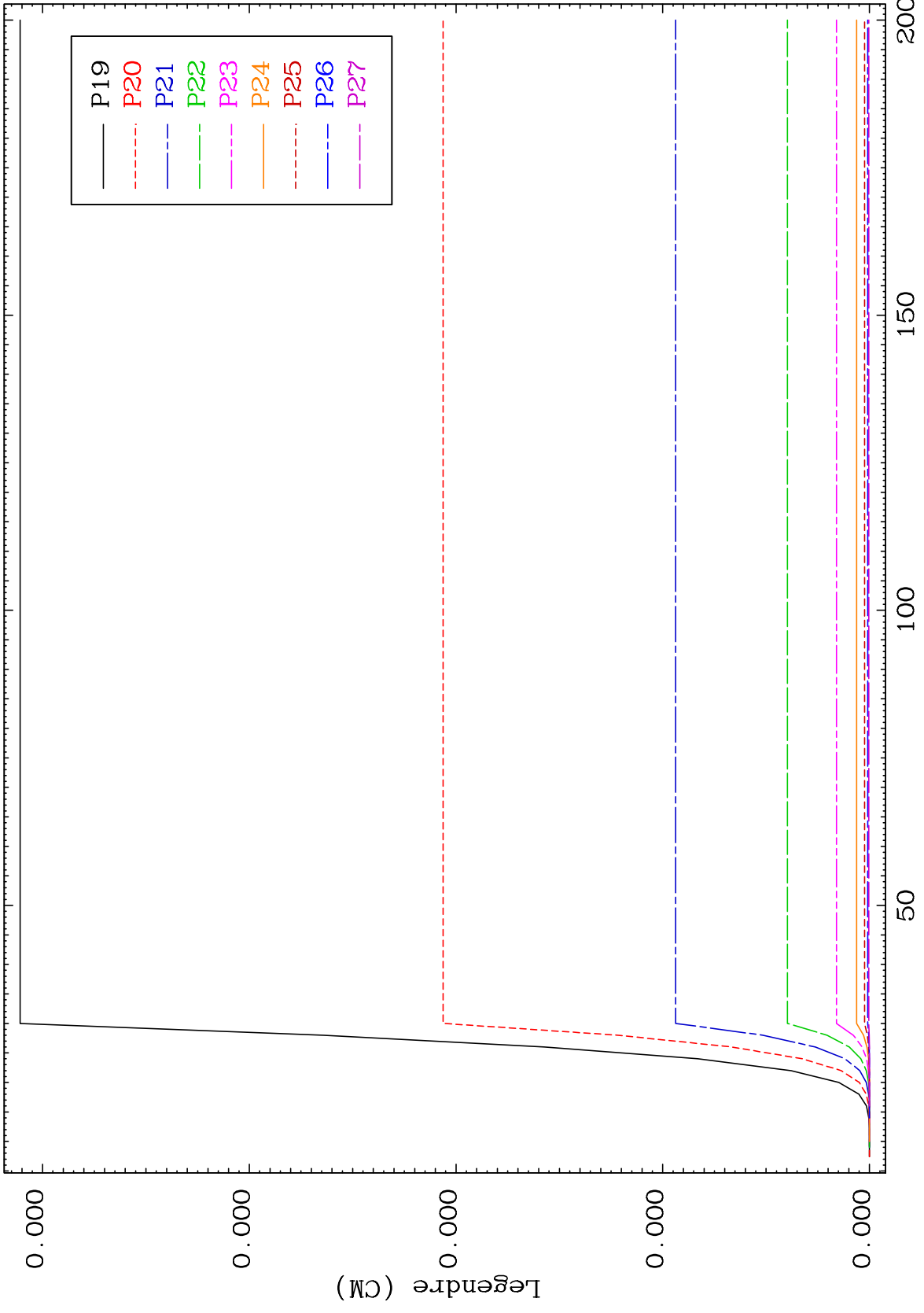


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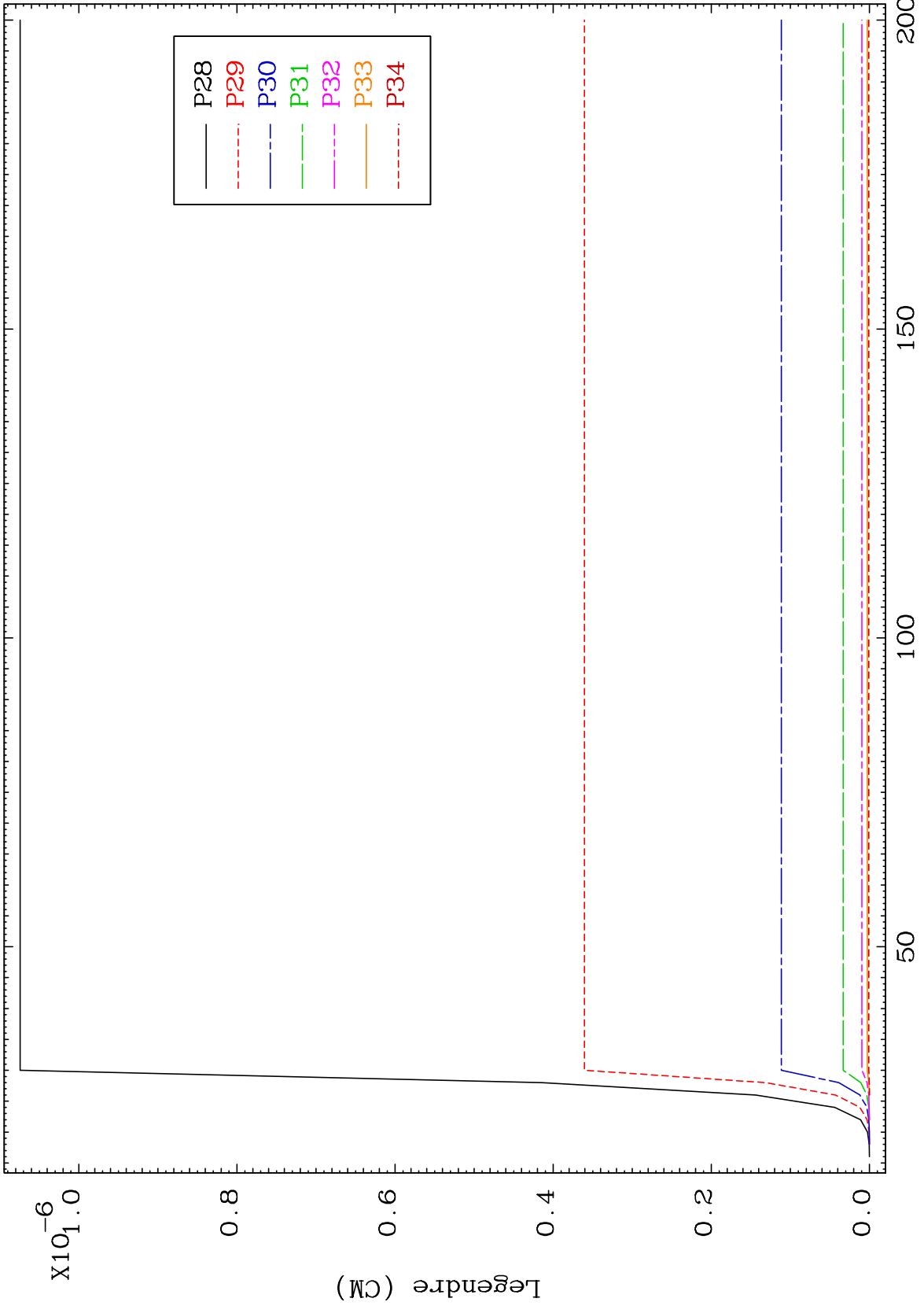
Incident Energy (MeV)

40-Zr-99

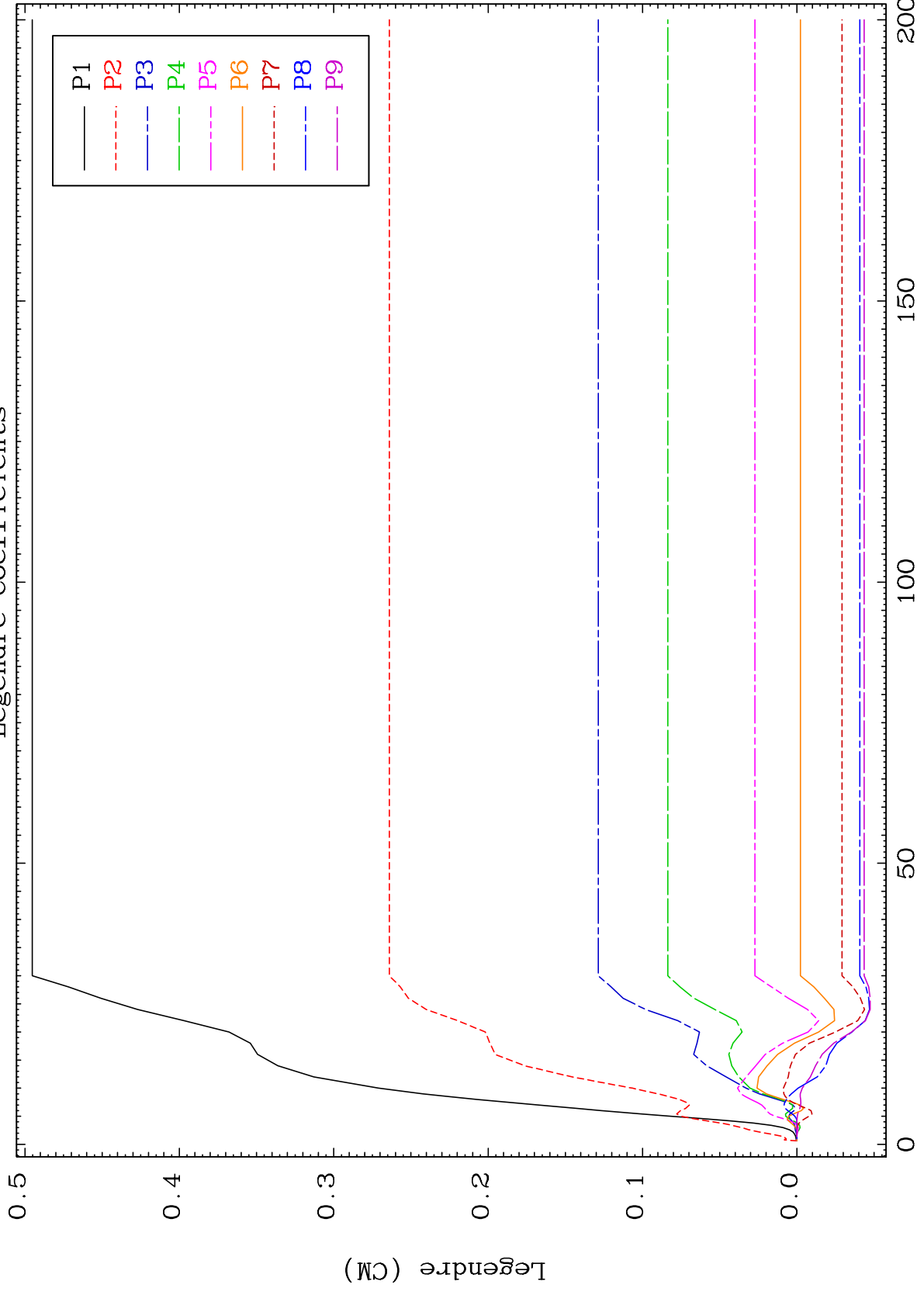
MAT 4052 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-99



30 50 100 150 200 Incident Energy (MeV) 40-Zr-99



MAT 4052 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-99

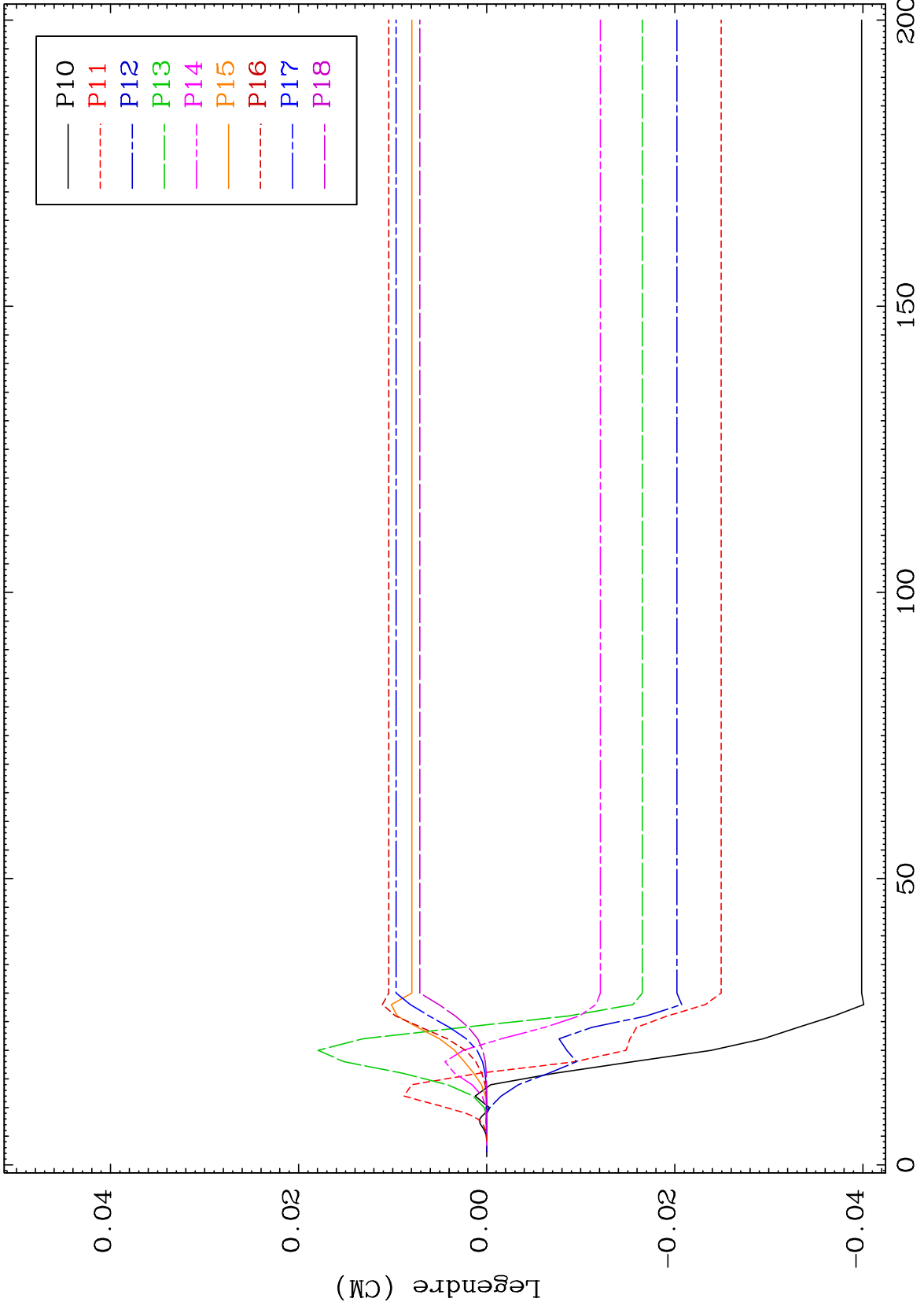


32 40-Zr-99

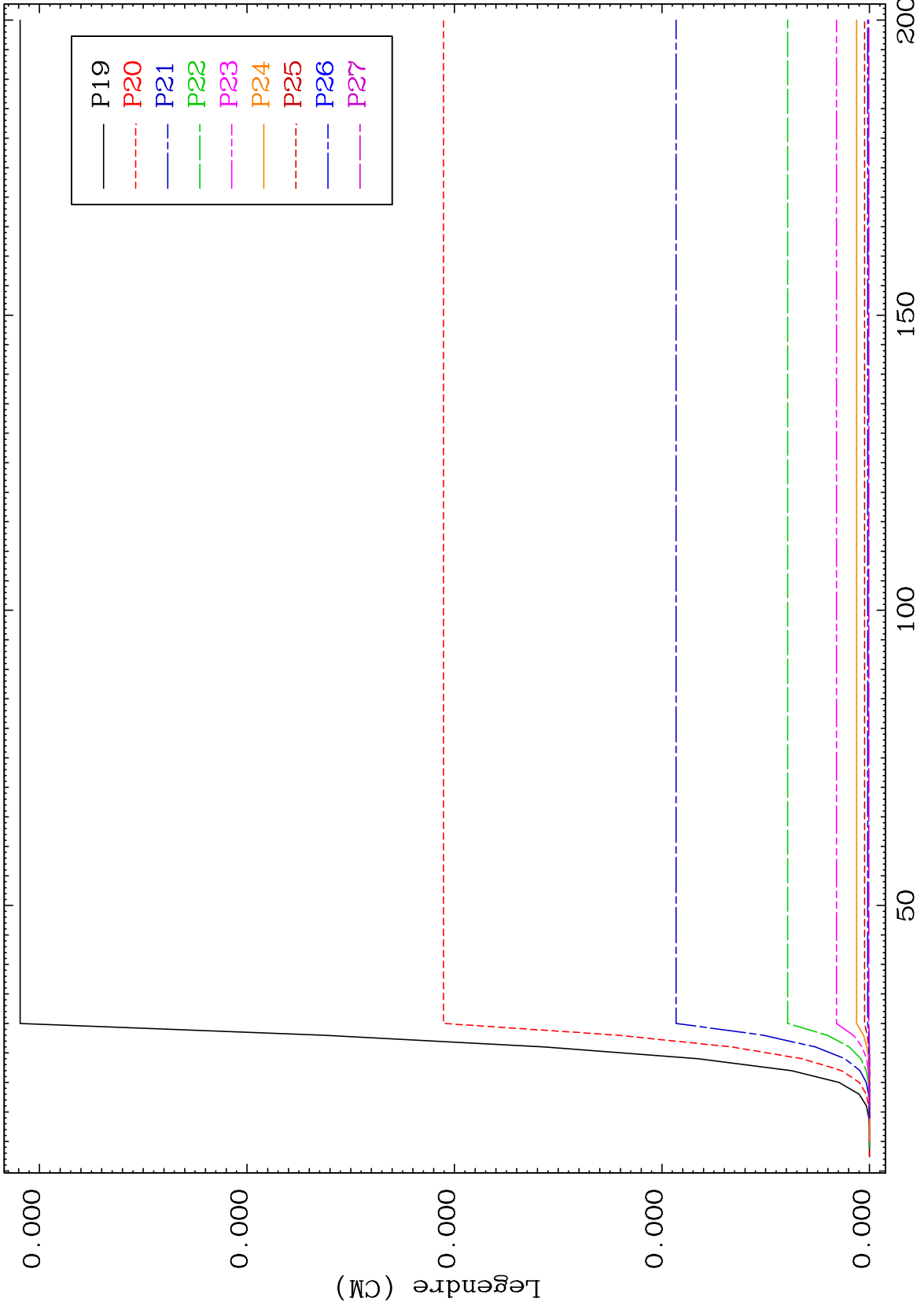
MAT 4052

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

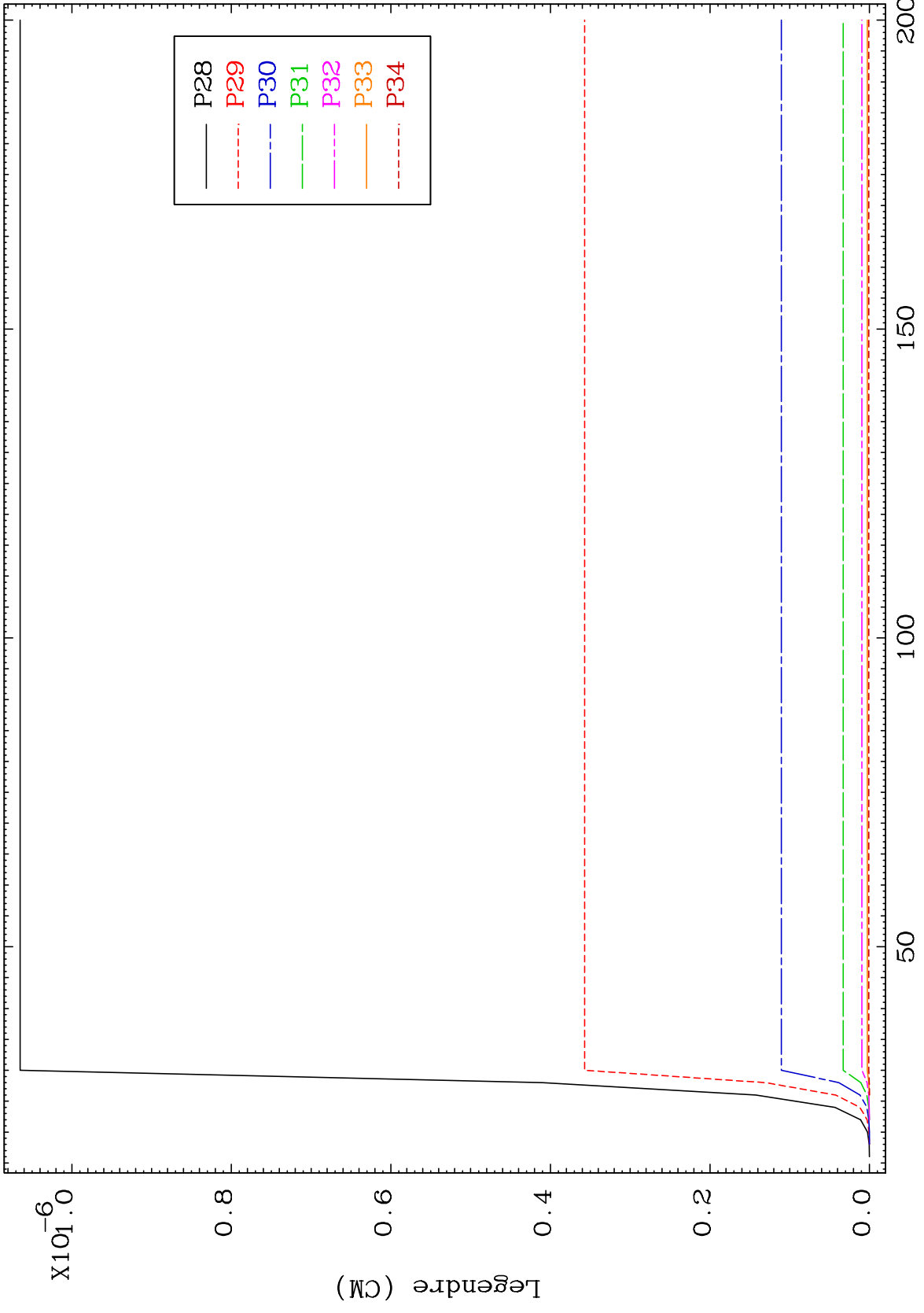
40-Zr-99



MAT 4052 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-99

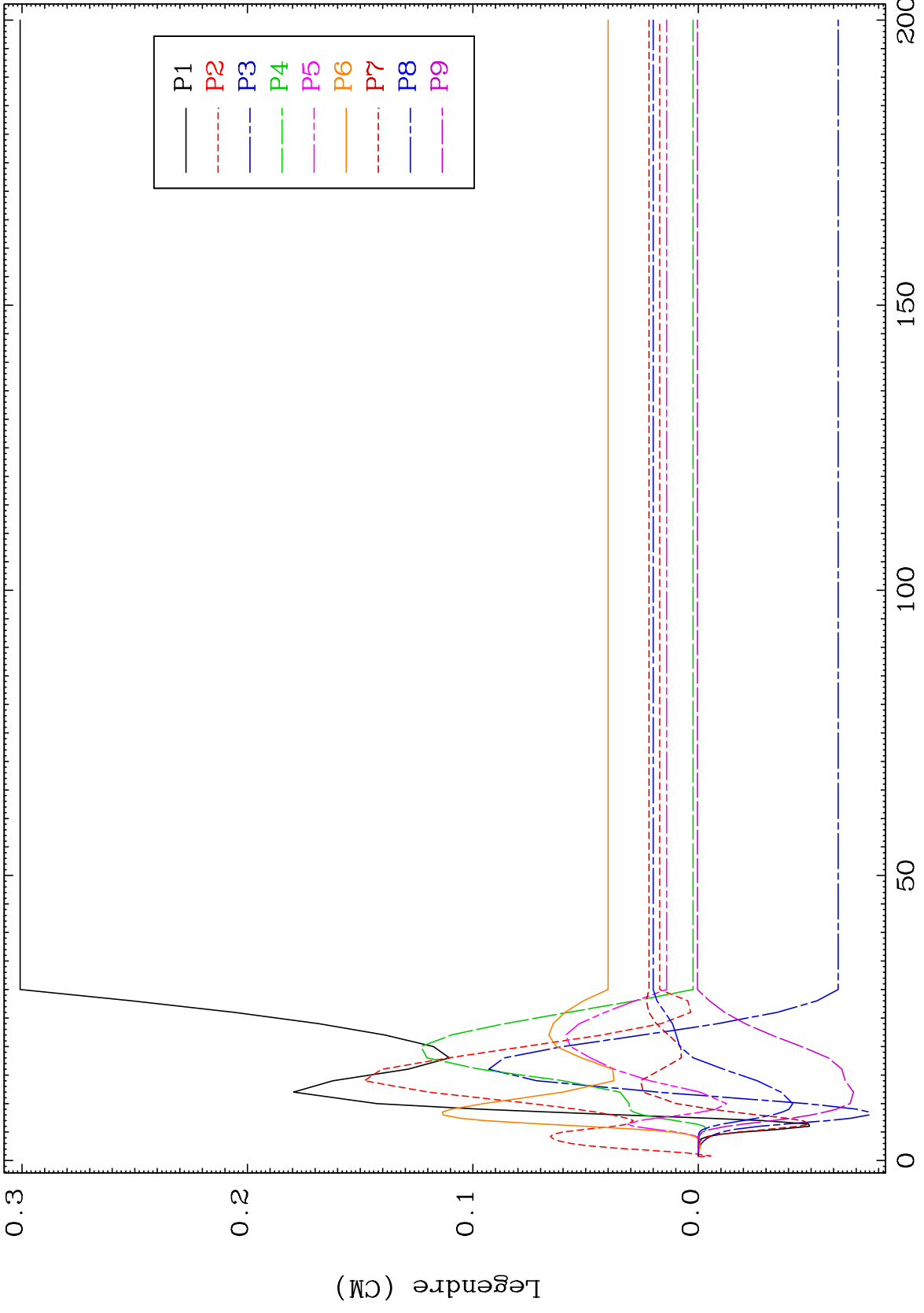


MAT 4052 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-99



35 50 100 150 200 40-Zr-99

MAT 4052 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-99

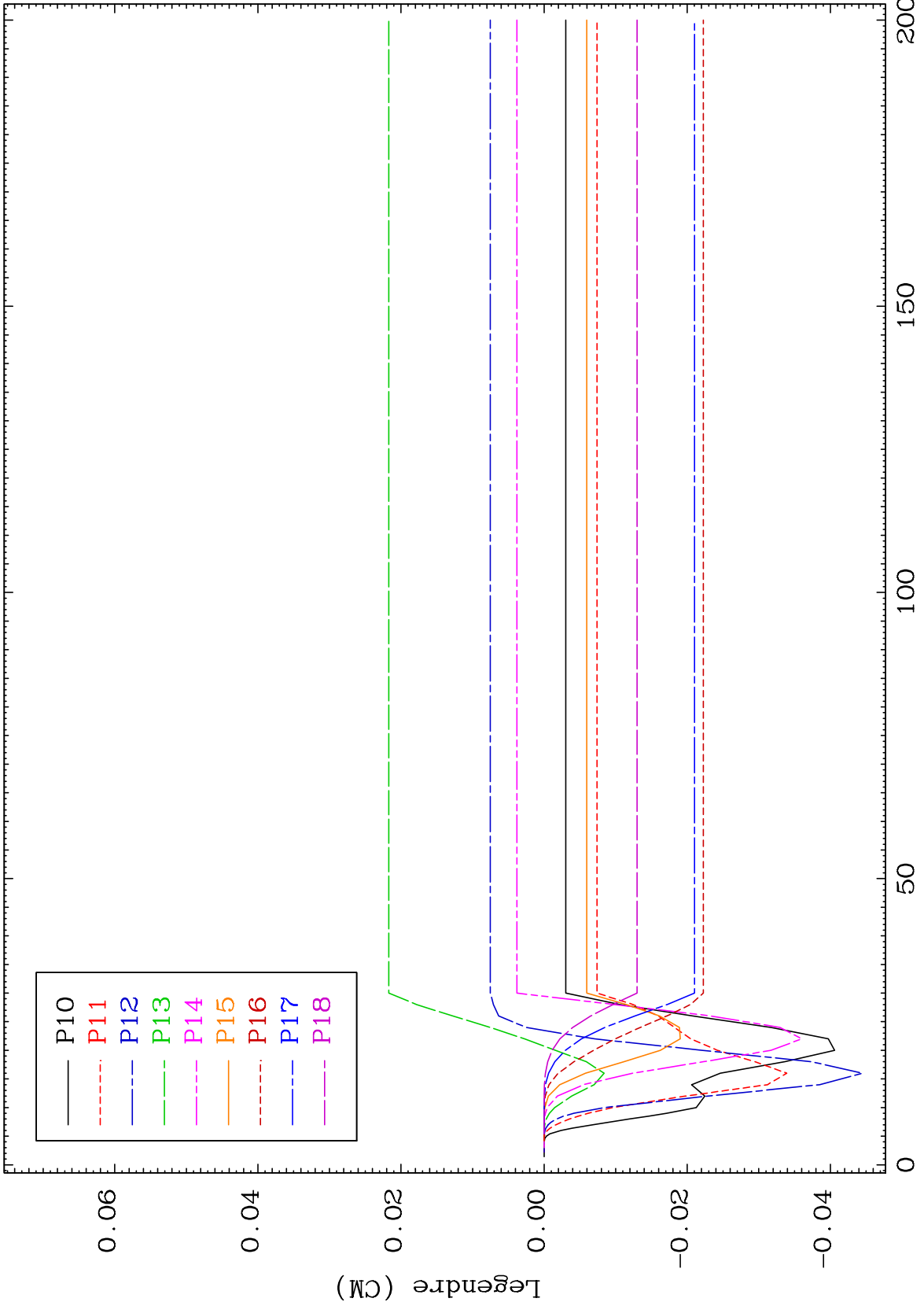


36 Incident Energy (MeV) 40-Zr-99

MAT 4052

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

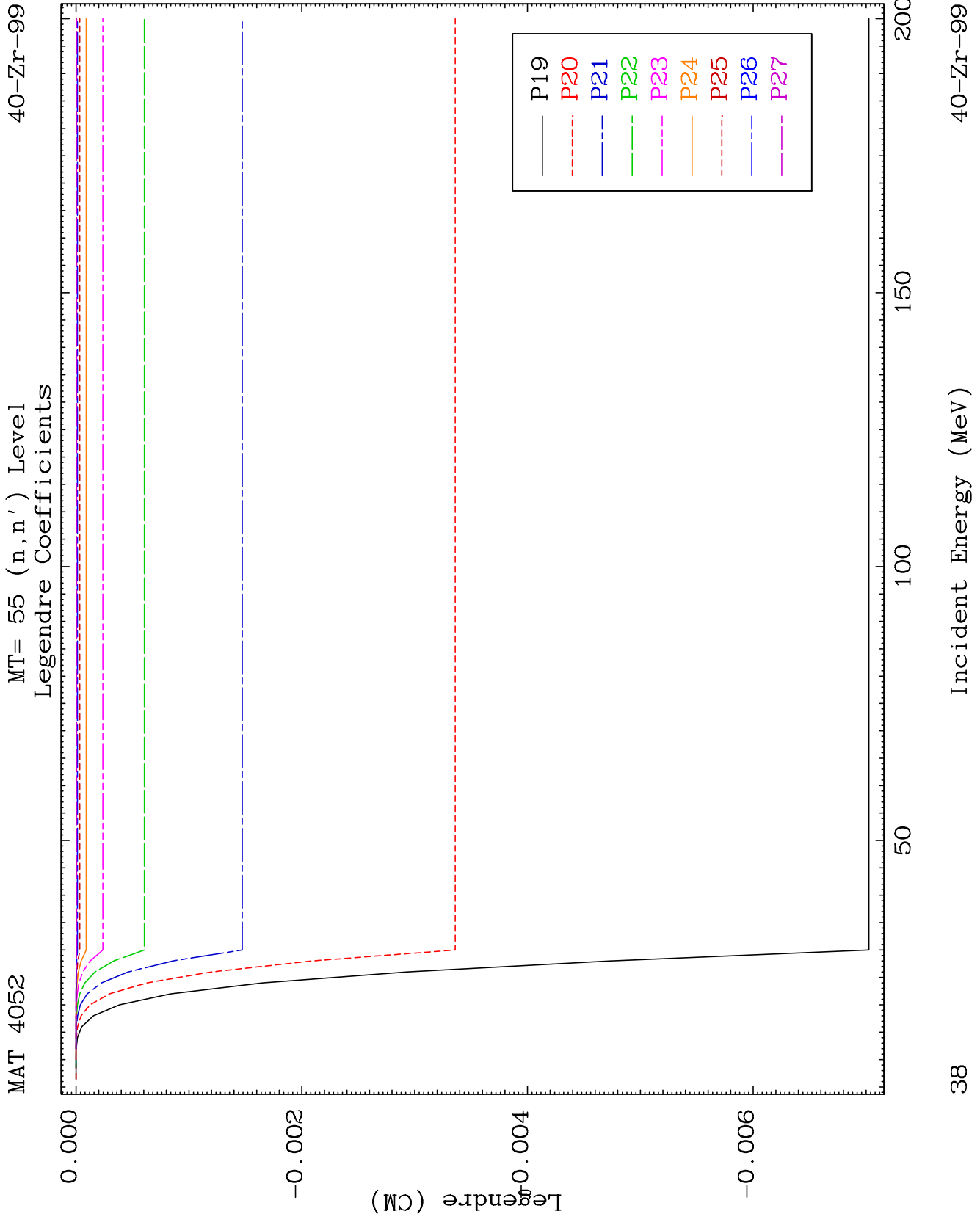
40-Zr-99



37

Incident Energy (MeV)

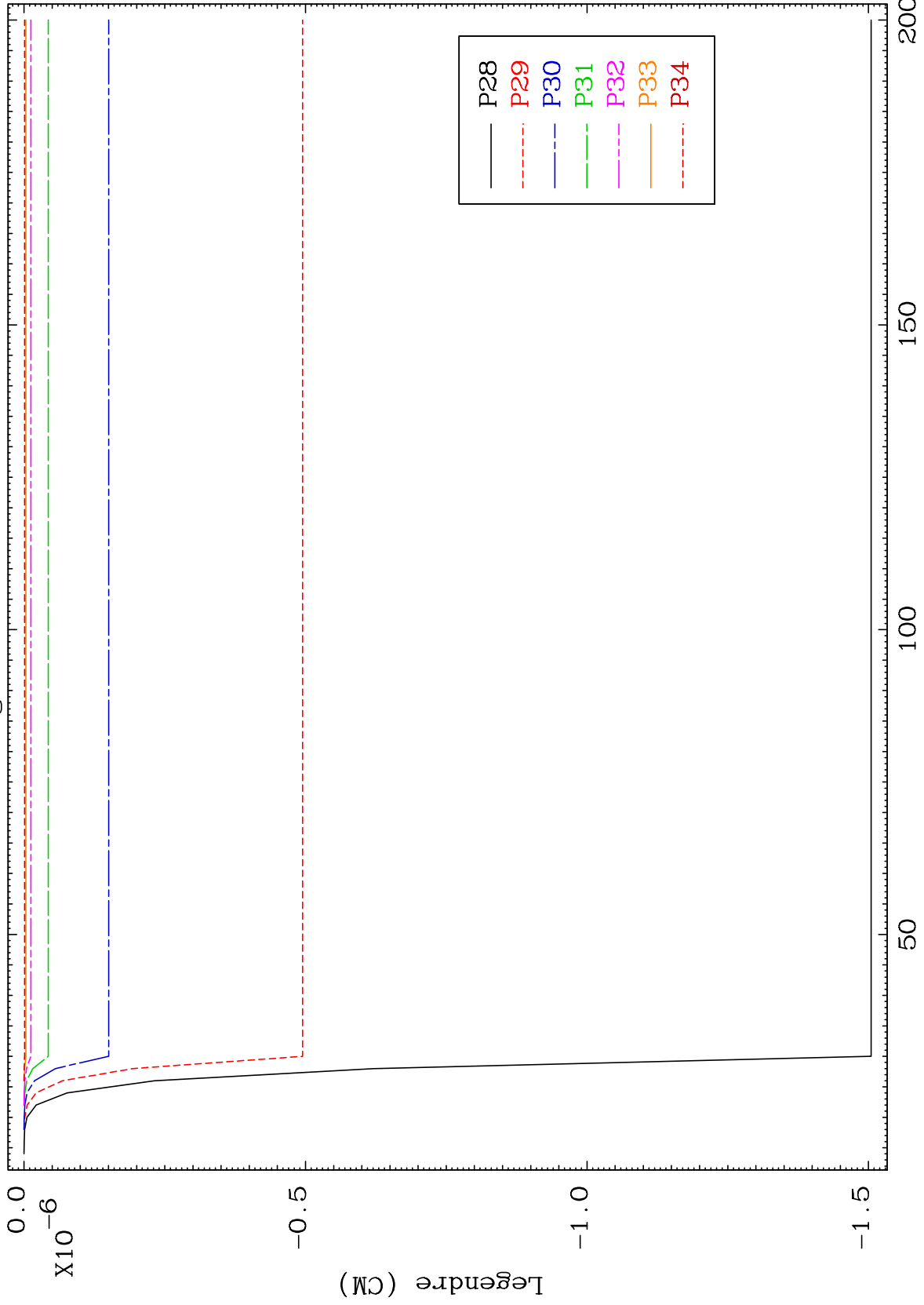
40-Zr-99



MAT 4052

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

40-Zr-99

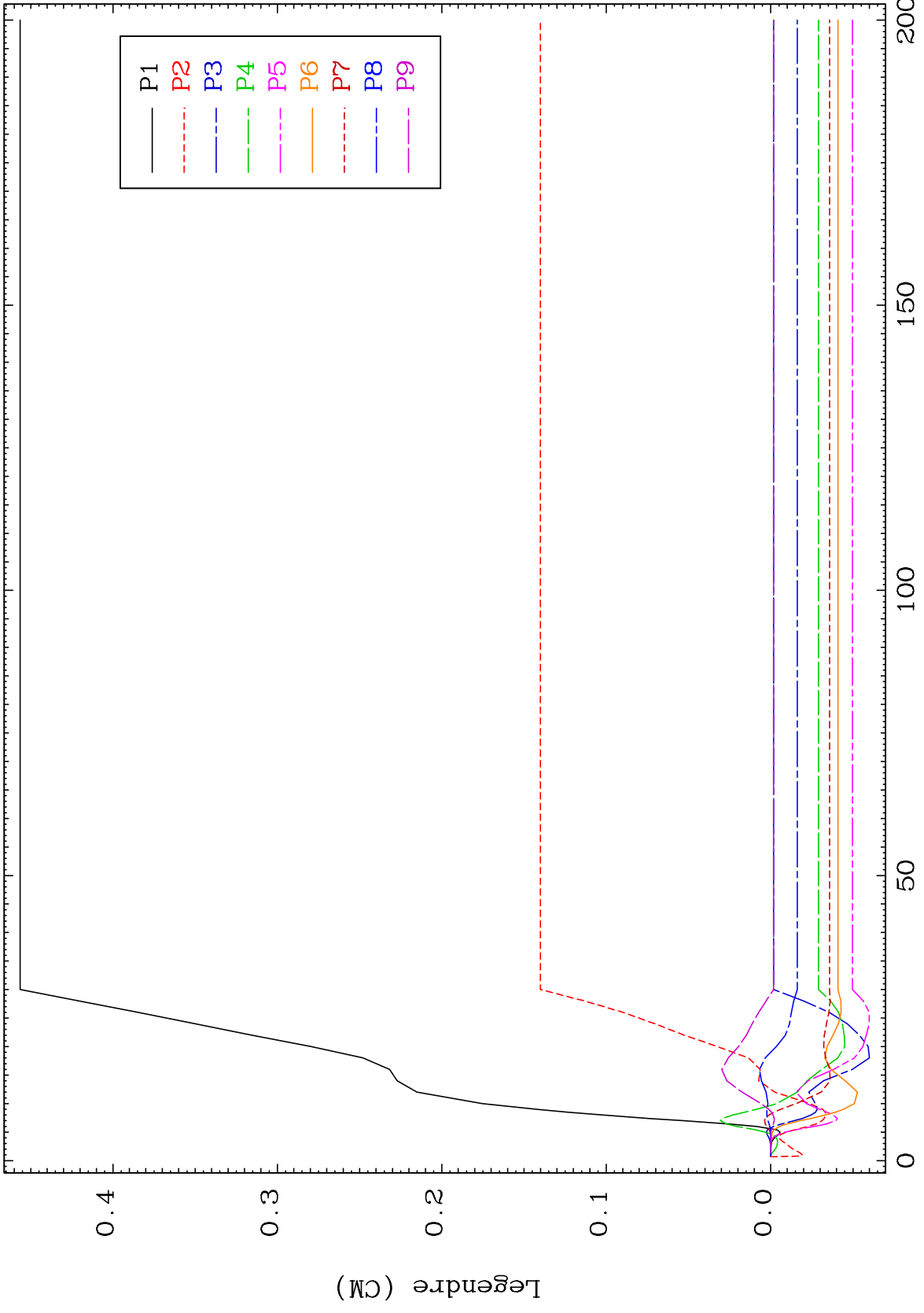


40-Zr-99

Incident Energy (MeV)

39

MAT 4052 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-99

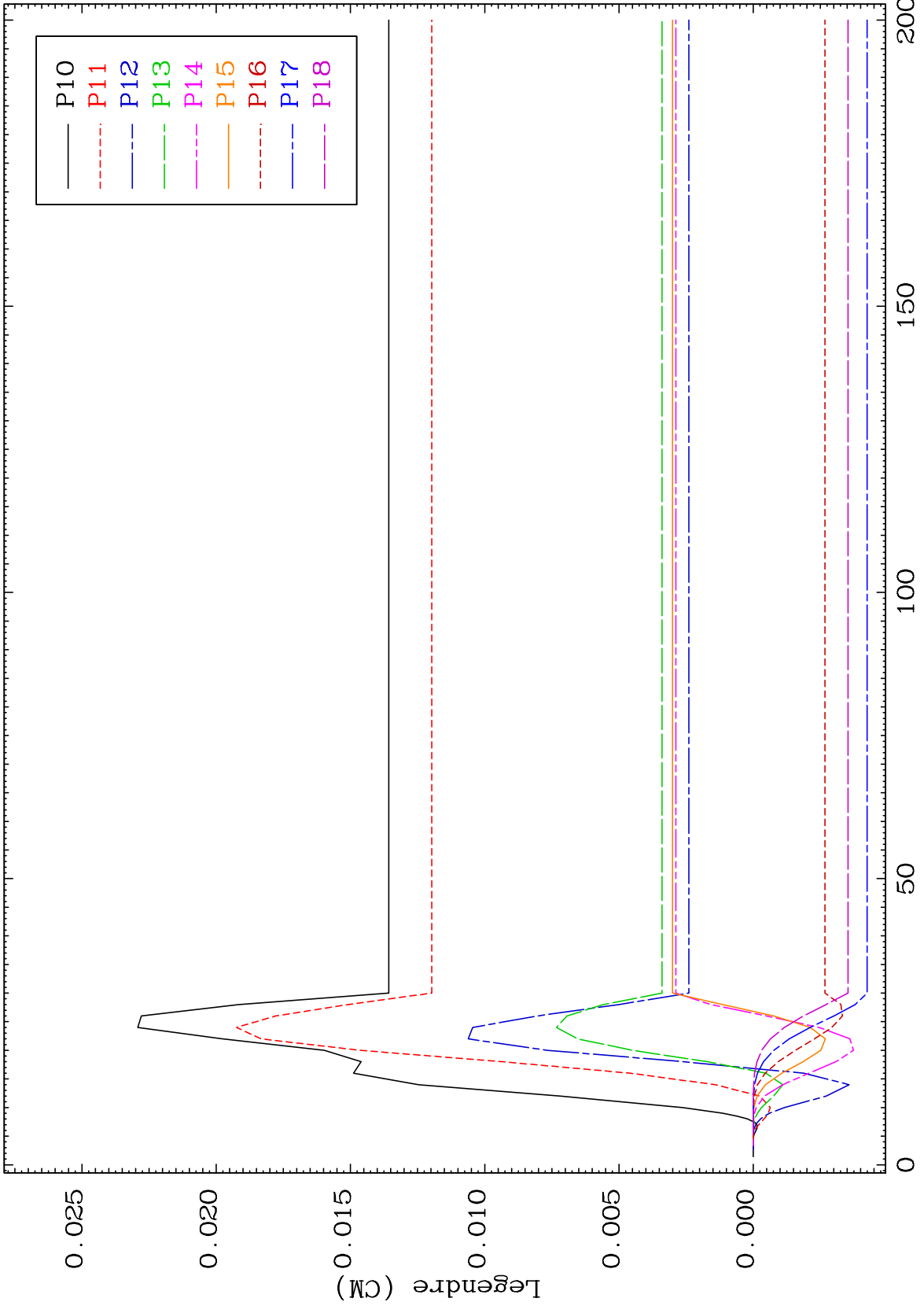


40-Zr-99

MAT 4052

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

40-Zr-99

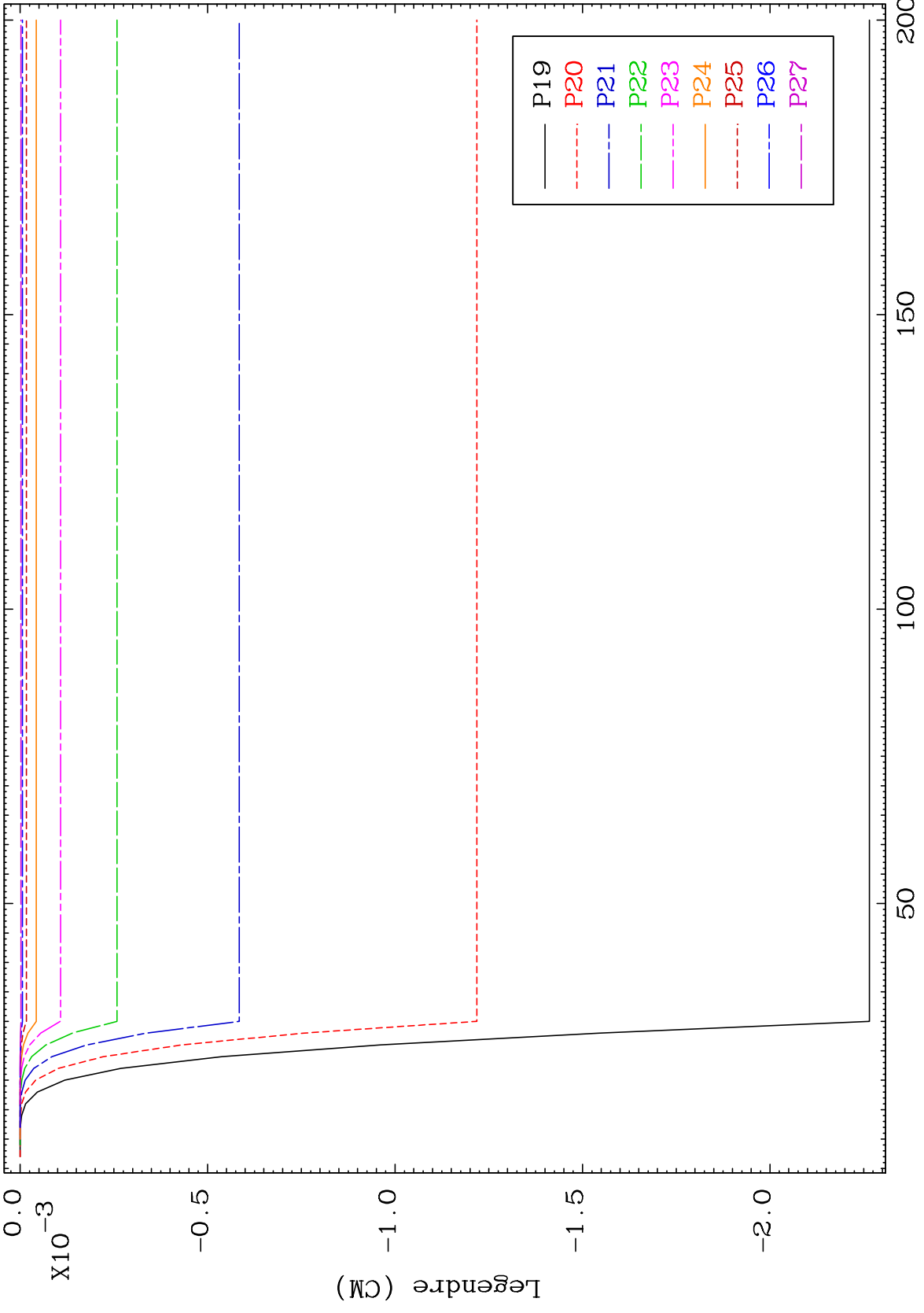


41

Incident Energy (MeV)

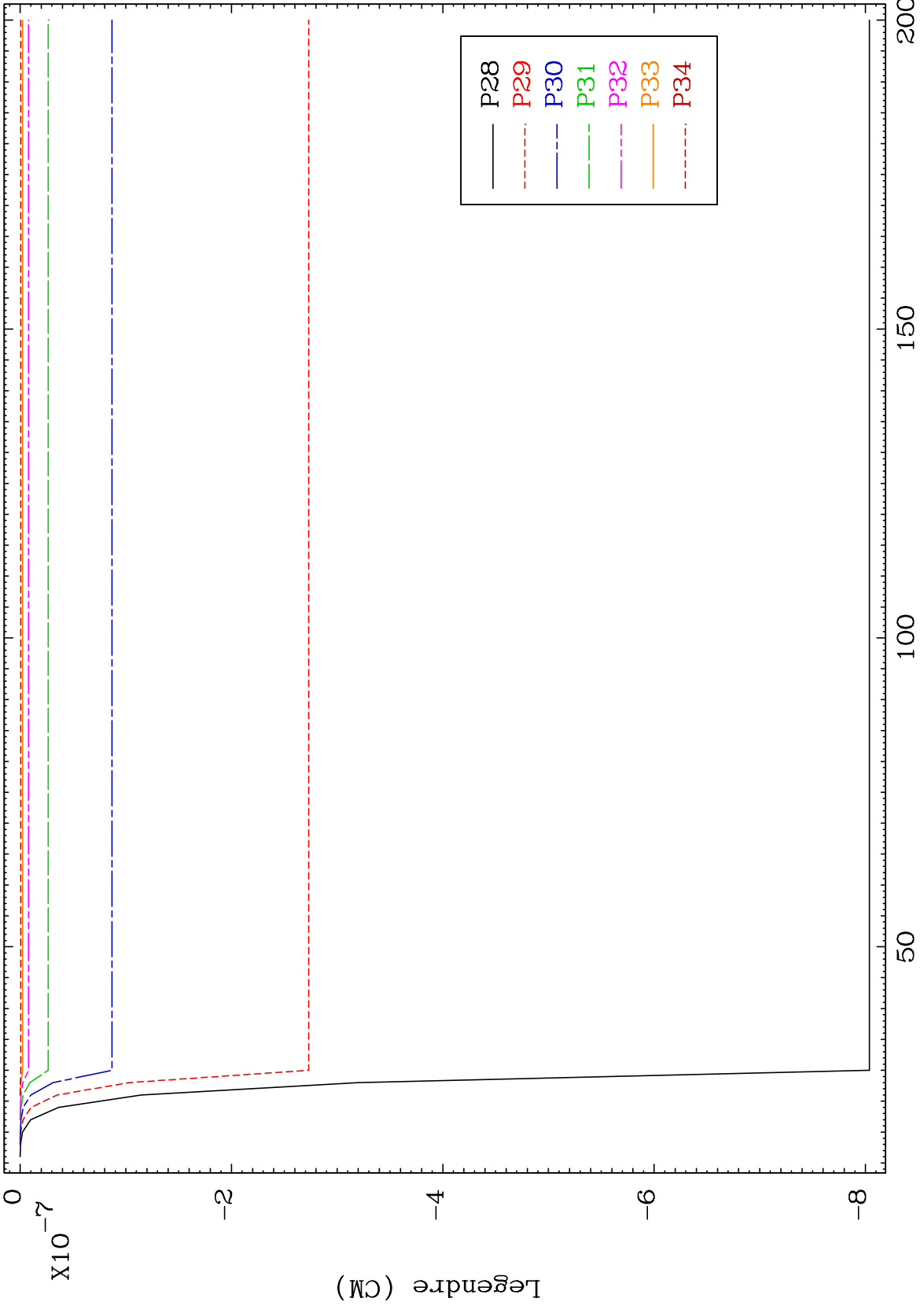
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MAT 4052 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-99



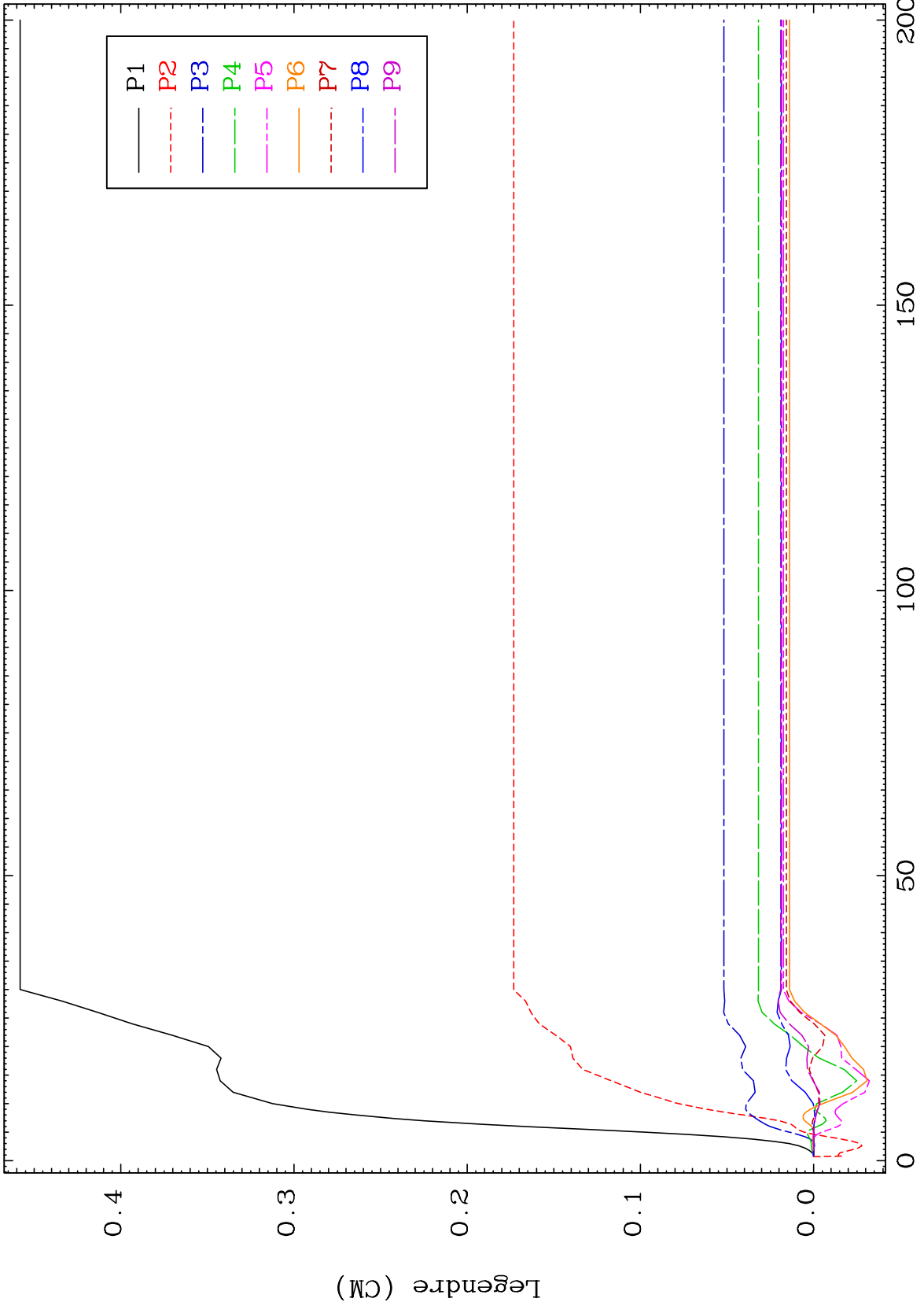
42 40-Zr-99

MAT 4052 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-99



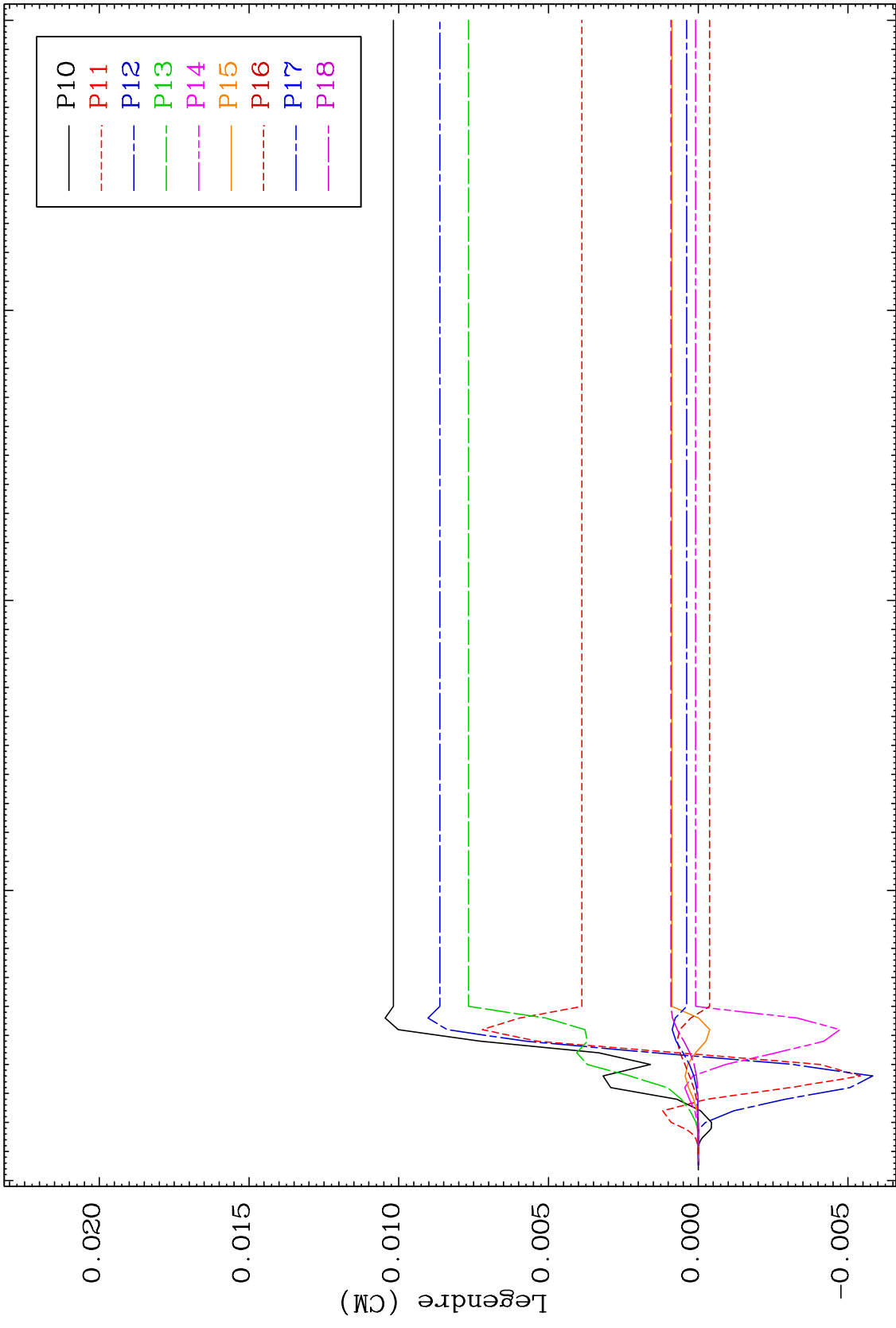
43 Incident Energy (MeV) 40-Zr-99

MAT 4052 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-99



44 40-Zr-99

MAT 4052 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-99

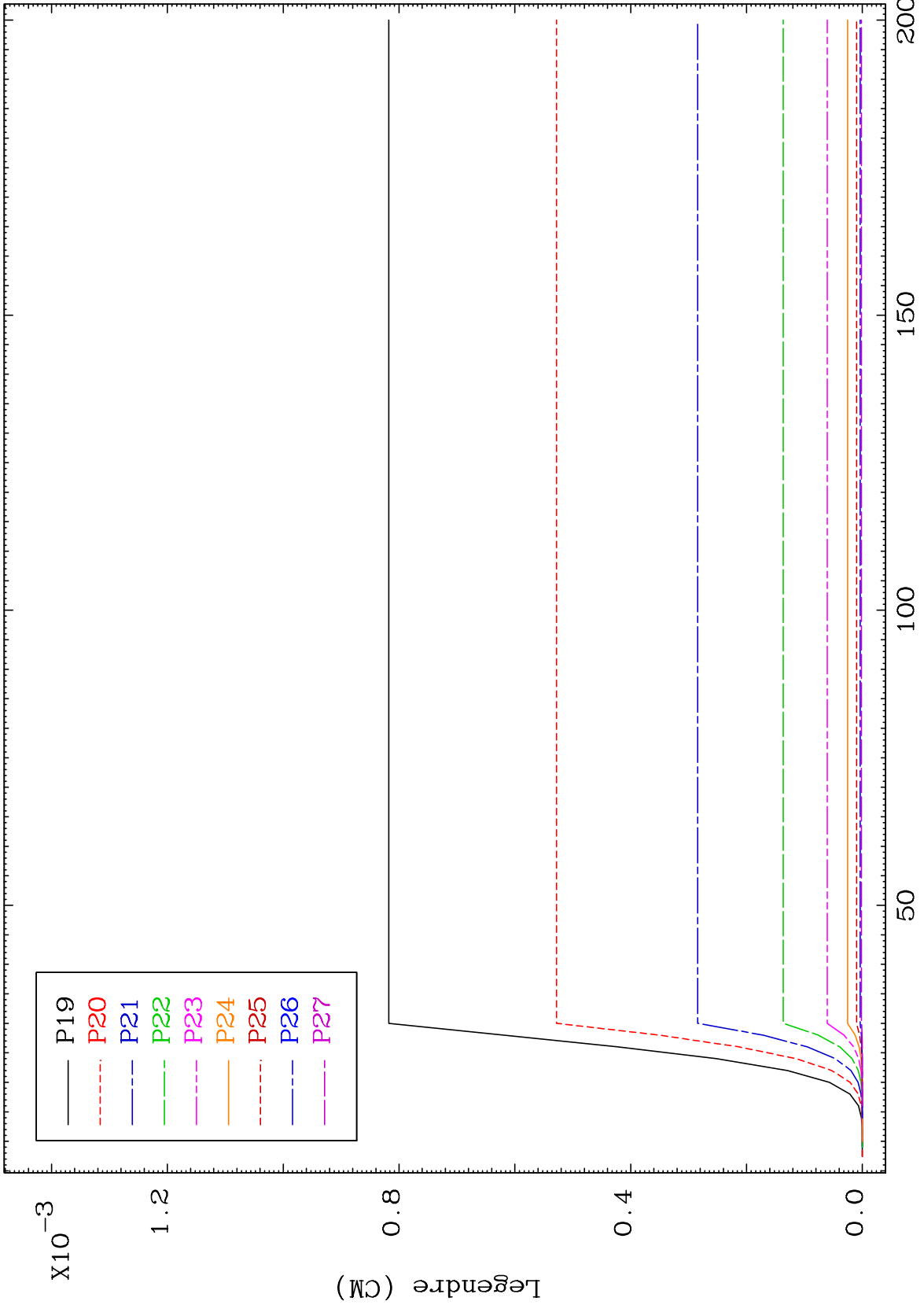


45 40-Zr-99

MAT 4052

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

40-Zr-99



46

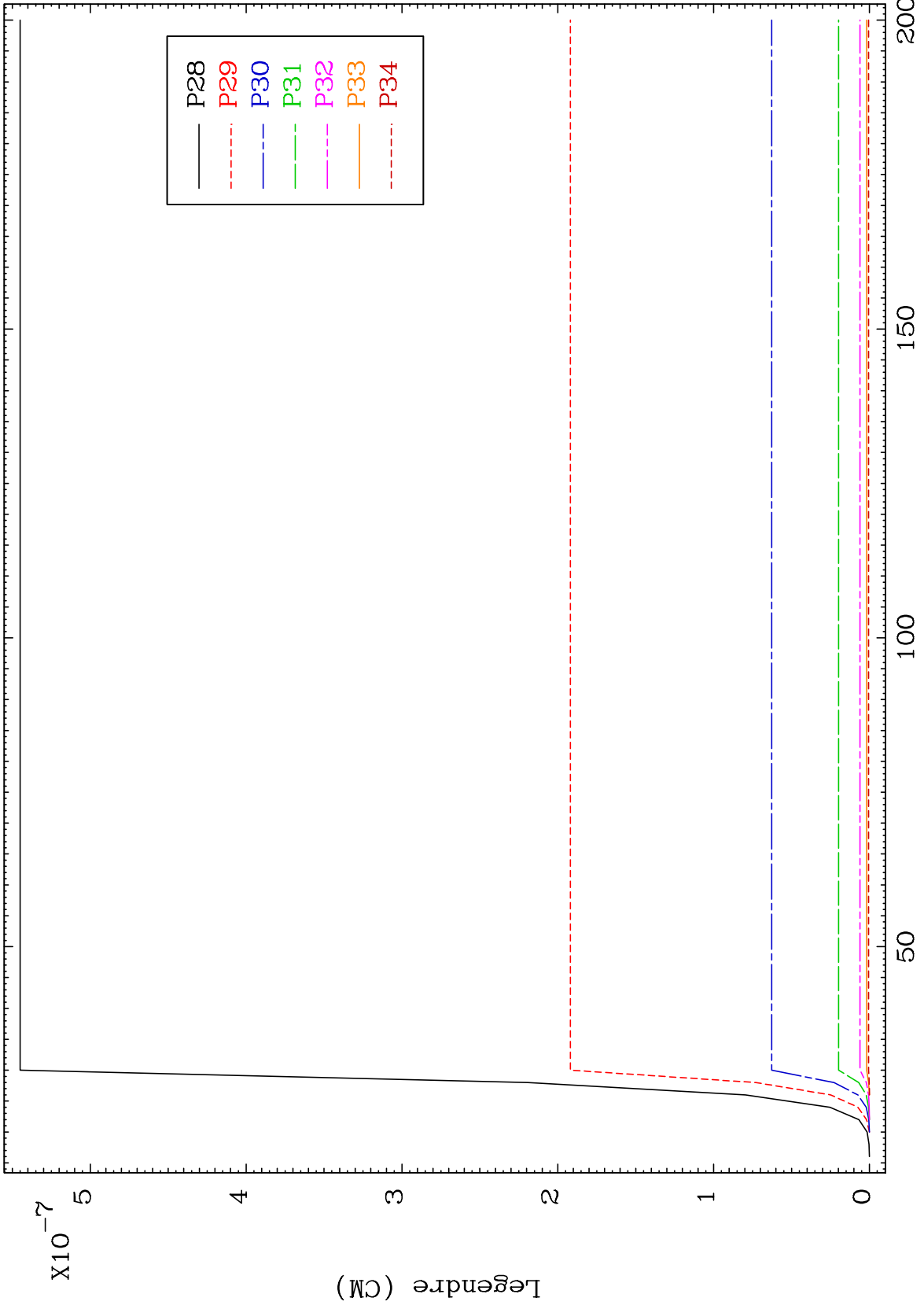
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99

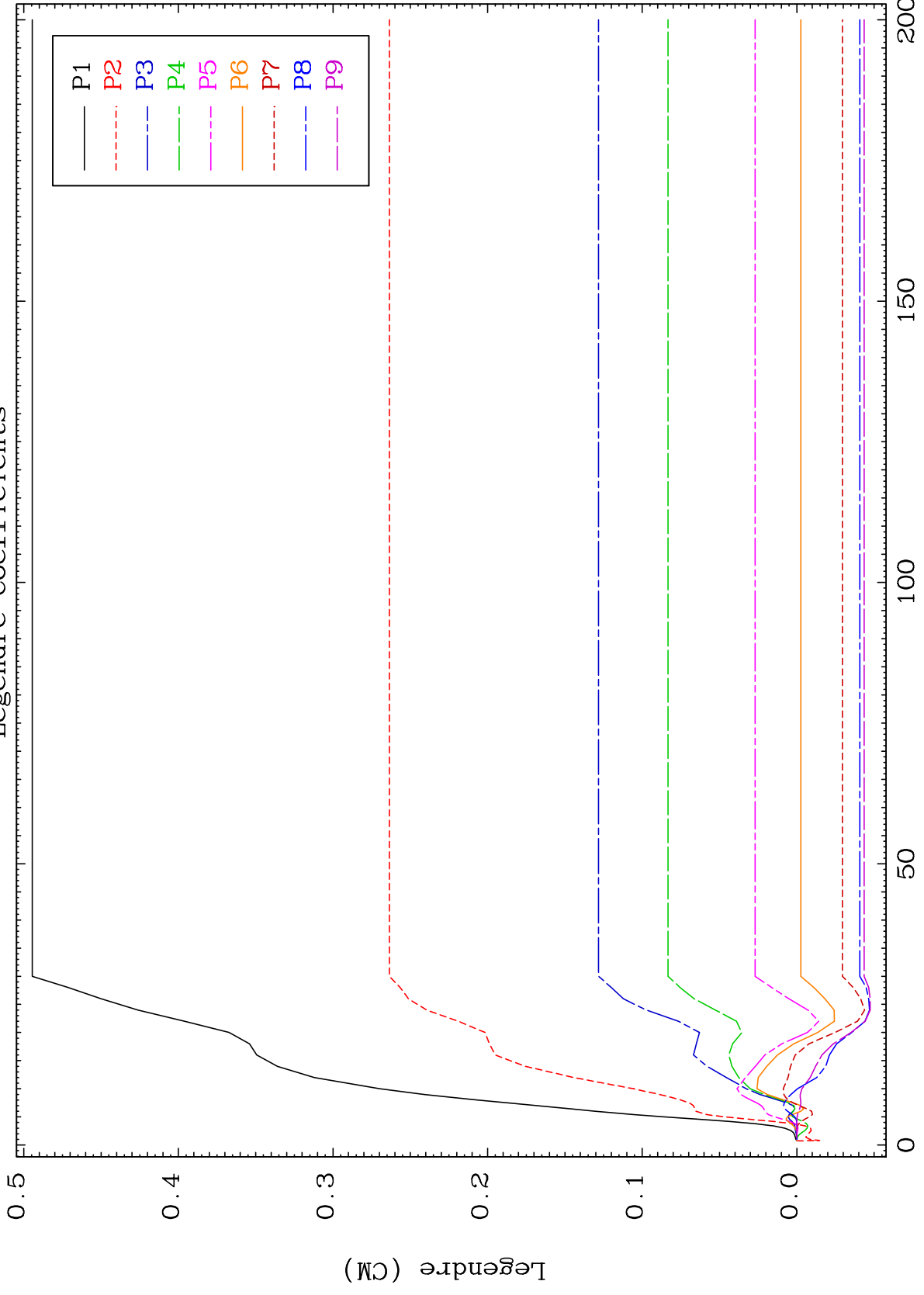


47

Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-99

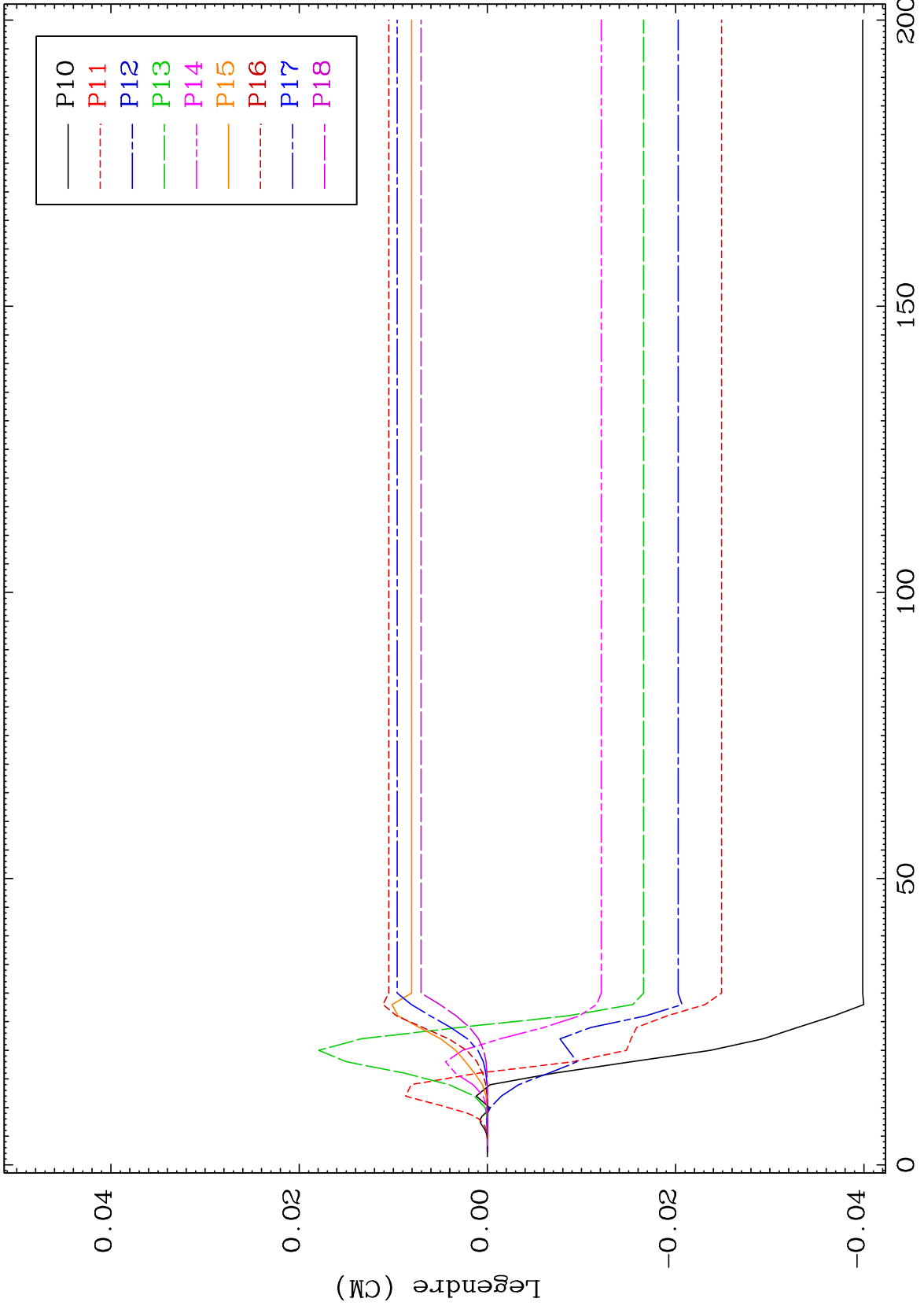


48 40-Zr-99

MAT 4052

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

40-Zr-99

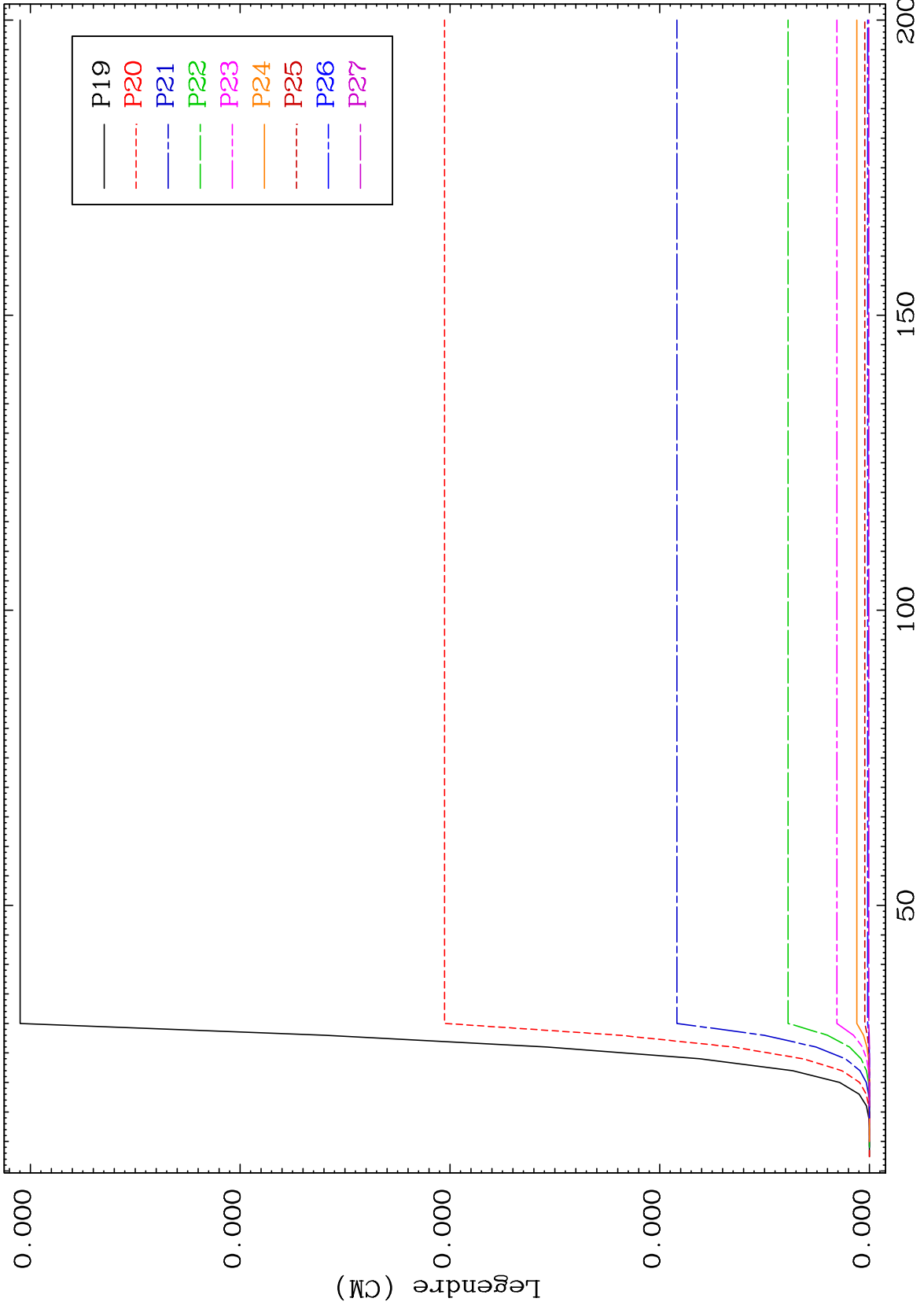


49

Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-99

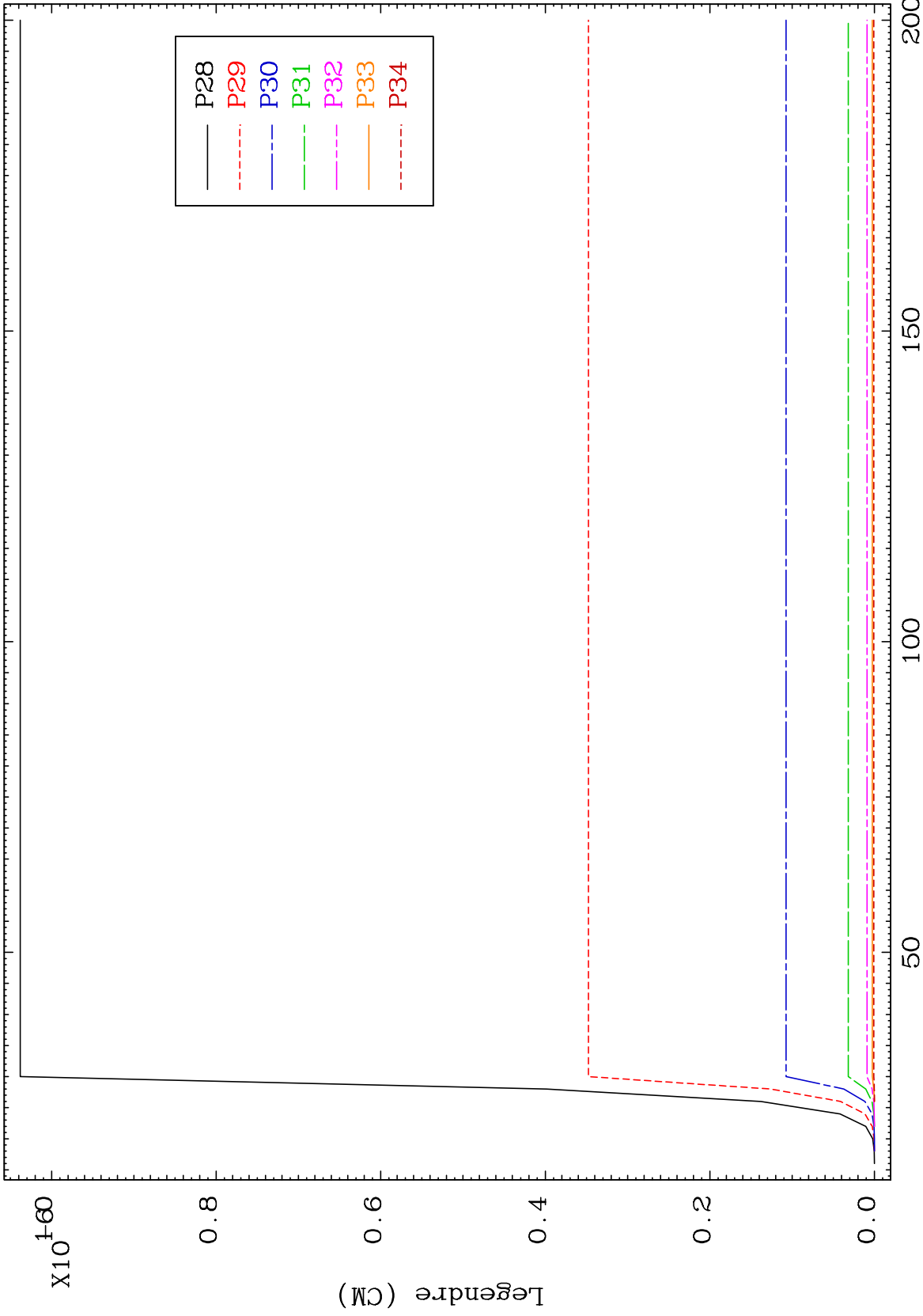


40-Zr-99

MAT 4052

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

40-Zr-99

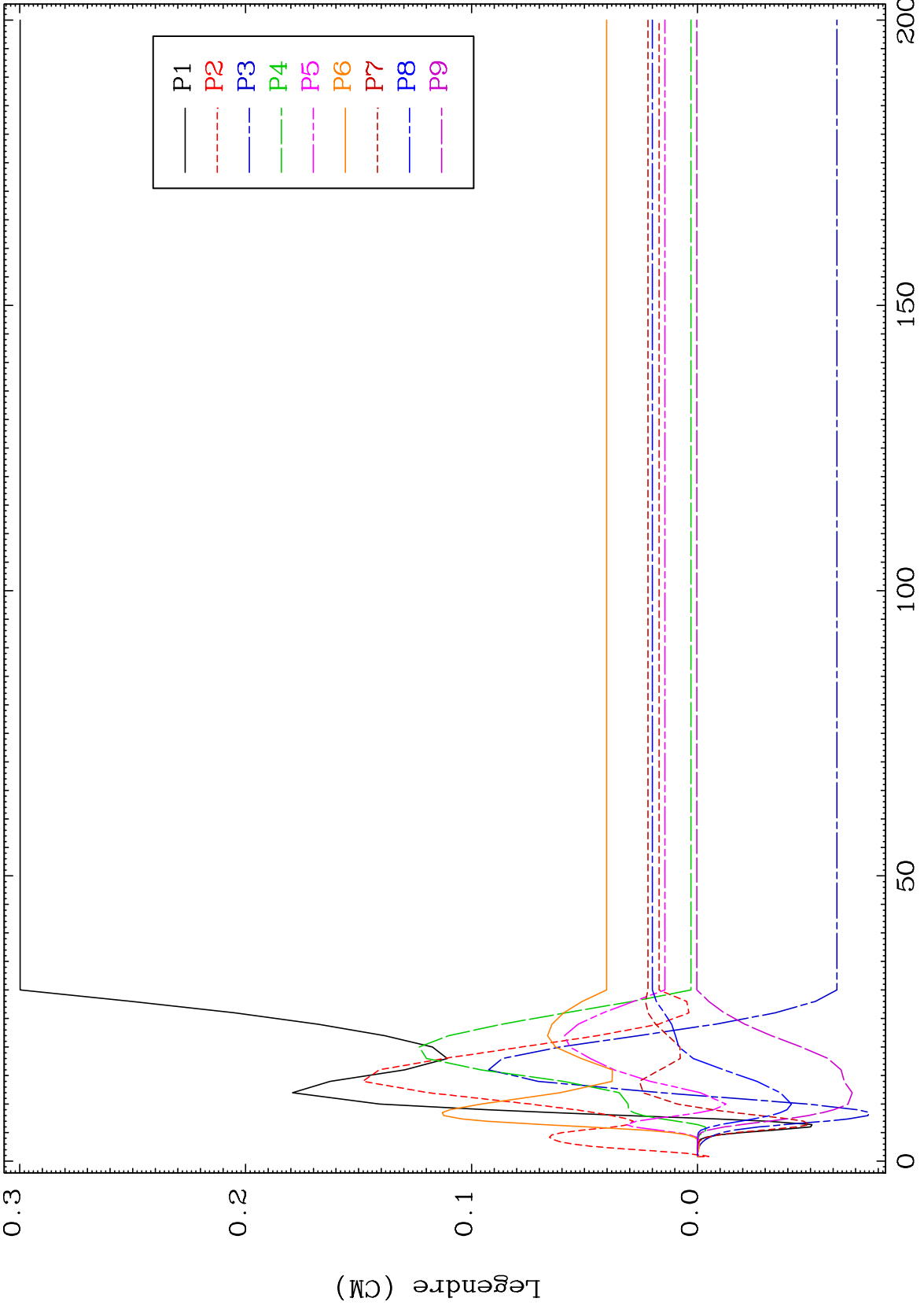


51

Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-99

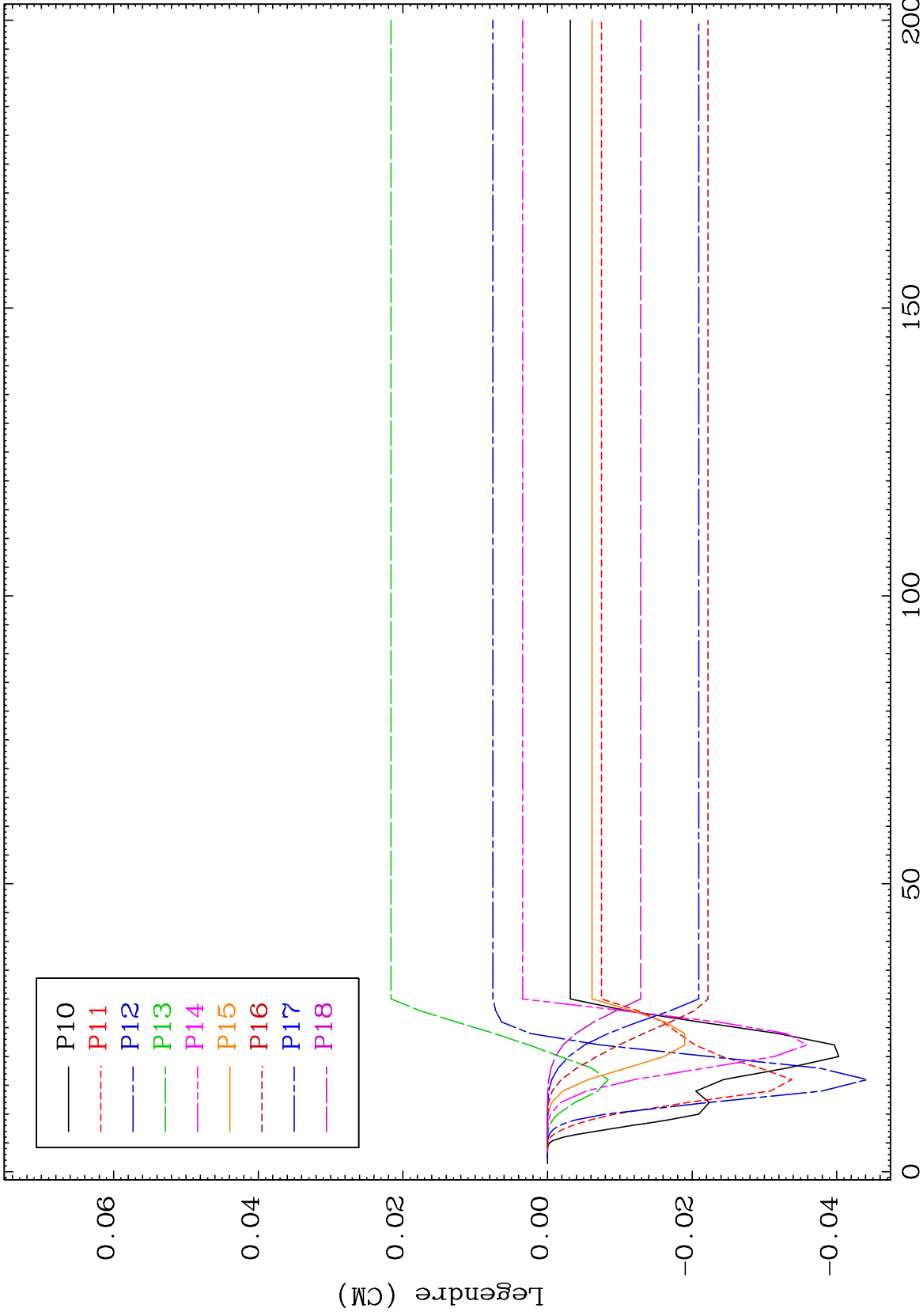


52 Incident Energy (MeV) 40-Zr-99

MAT 4052

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

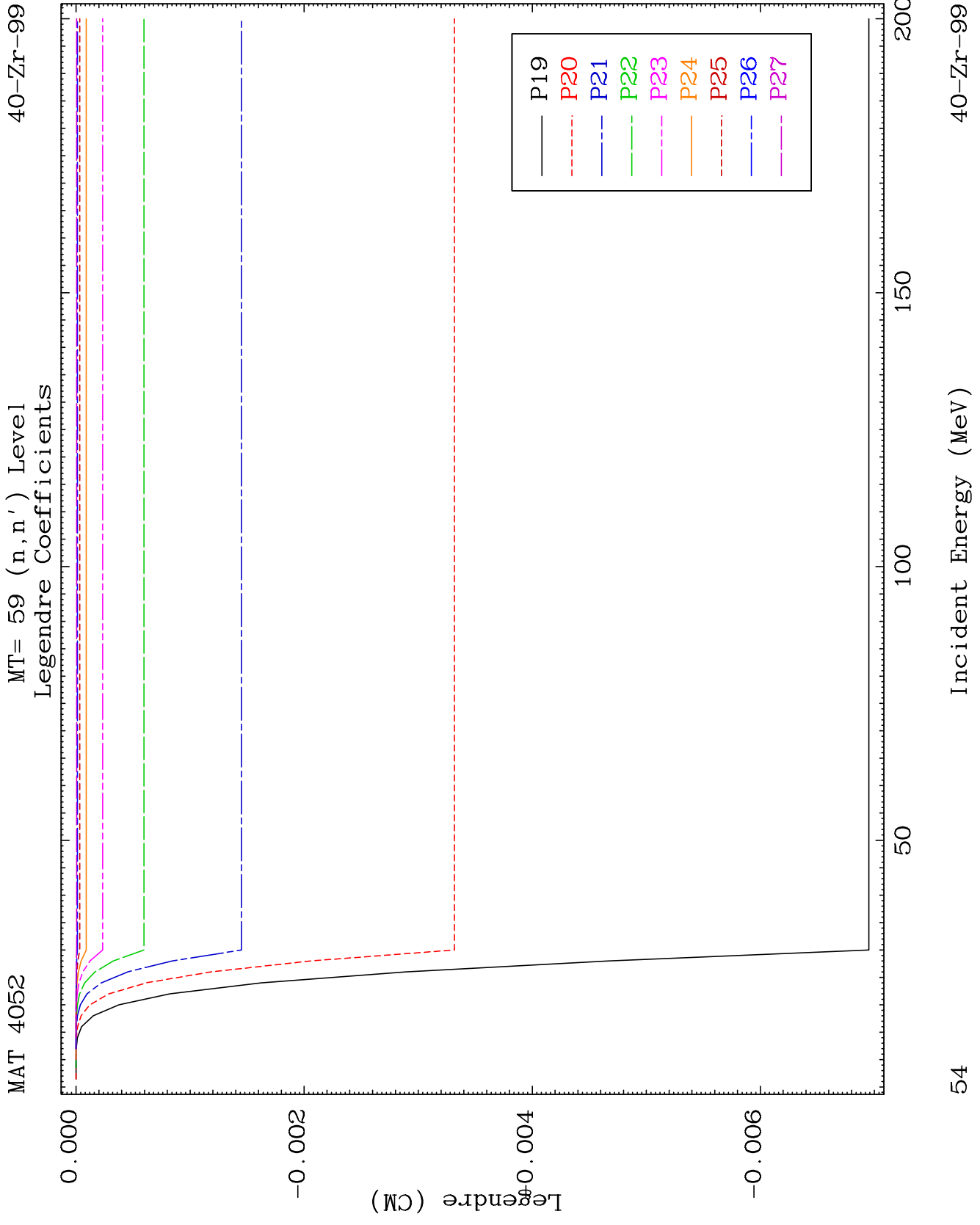
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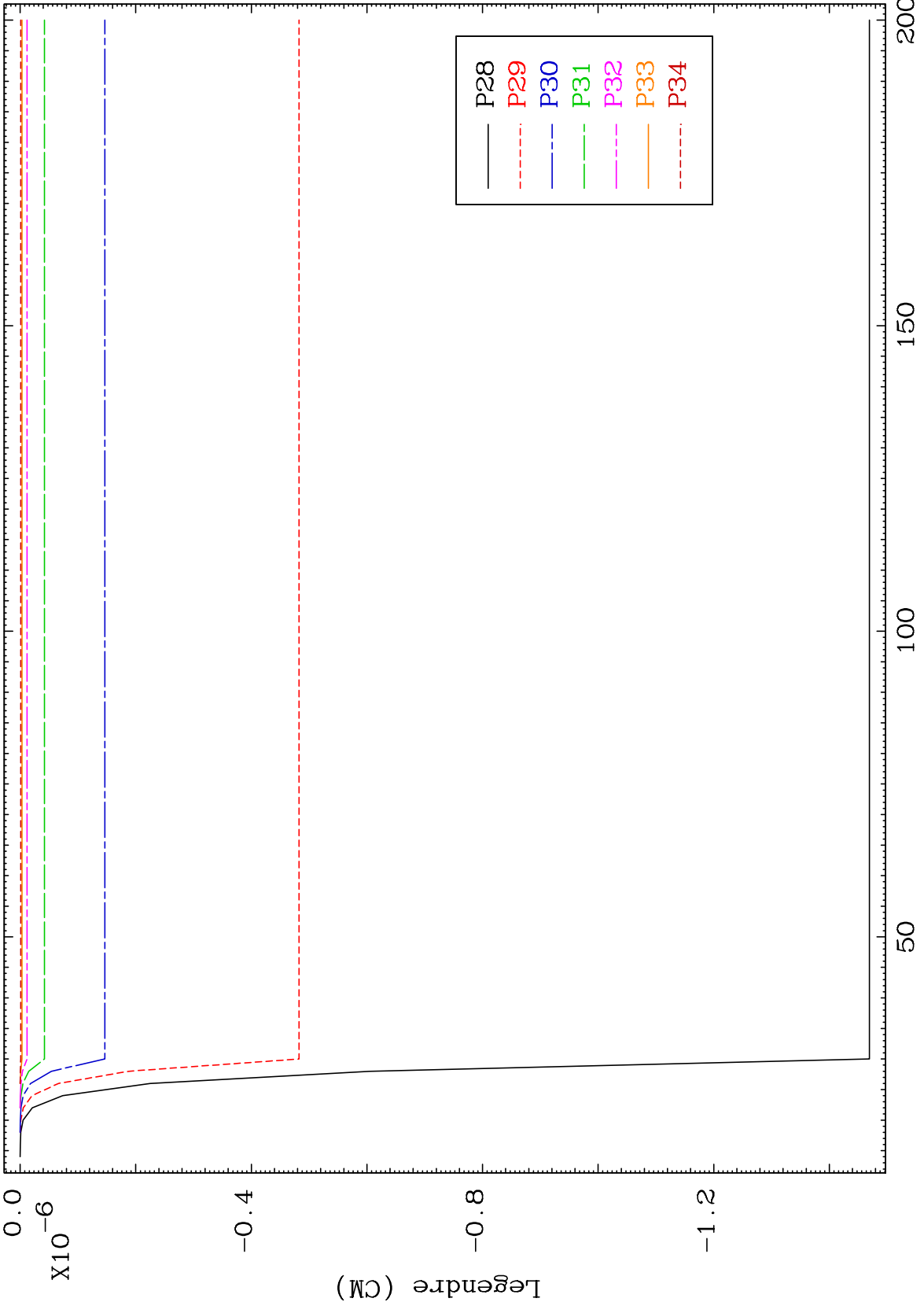
53

Incident Energy (MeV)

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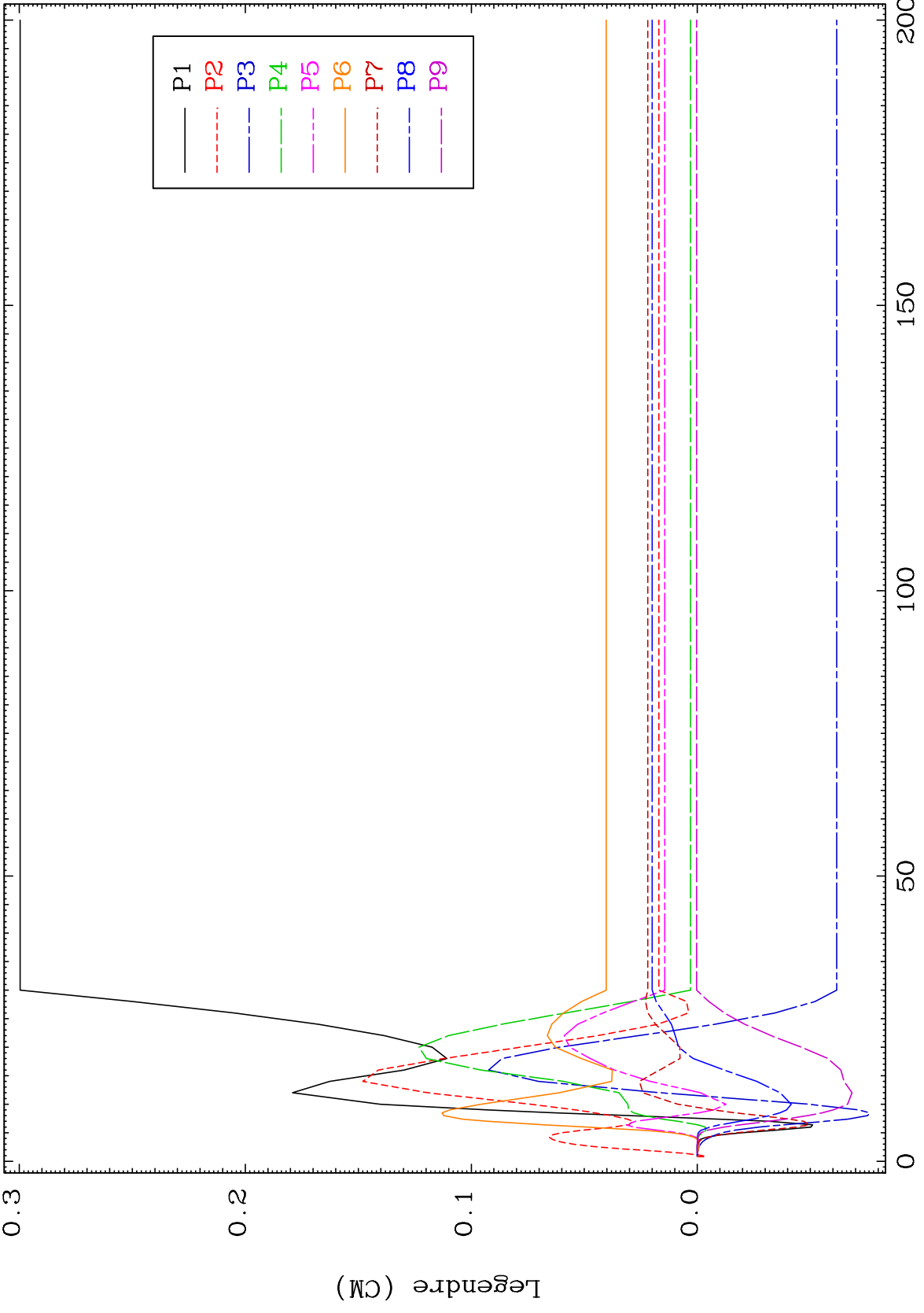


MAT 4052 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-99



55 Incident Energy (MeV) 40-Zr-99

MAT 4052 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-99

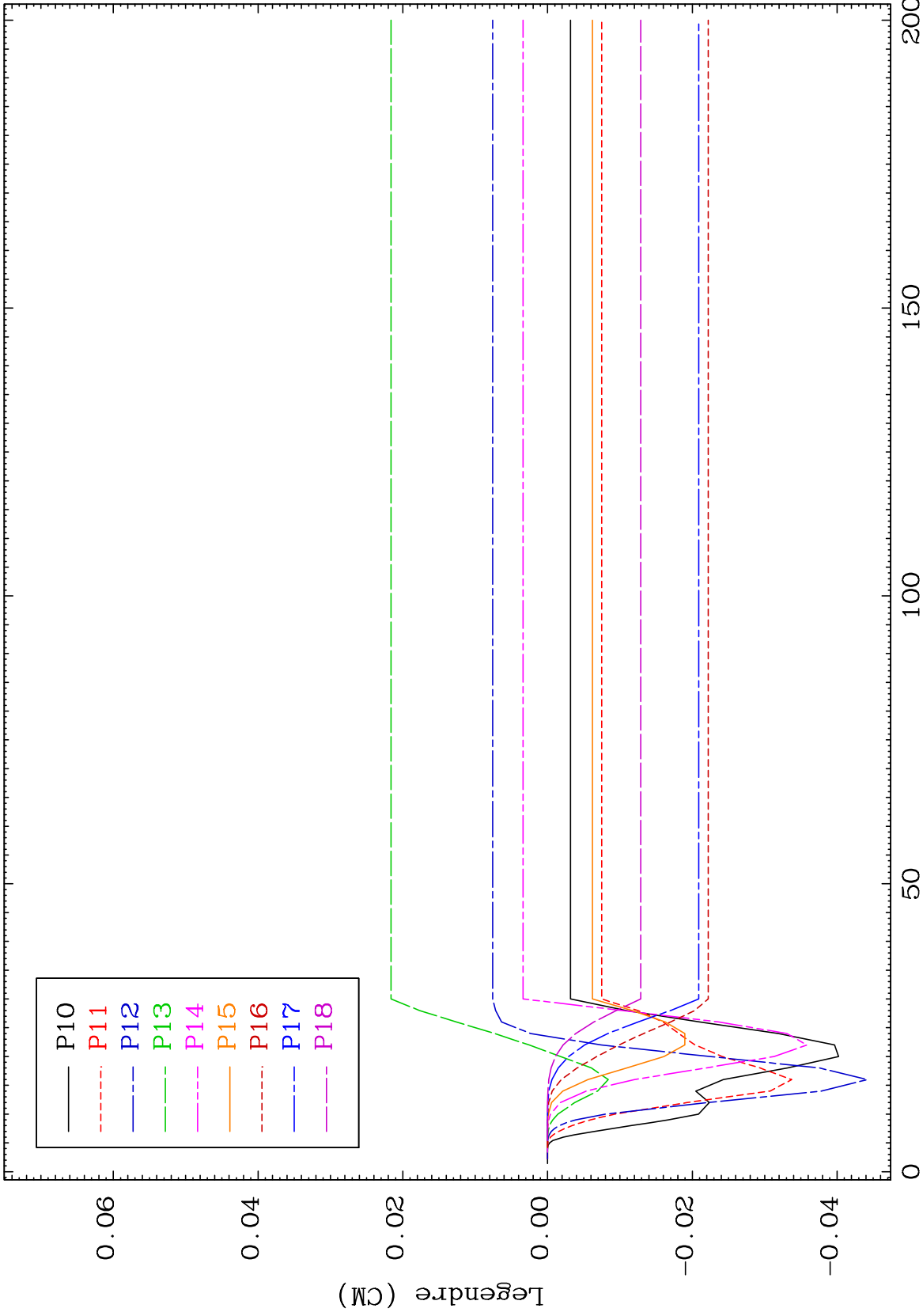


56 40-Zr-99

MAT 4052

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

40-Zr-99

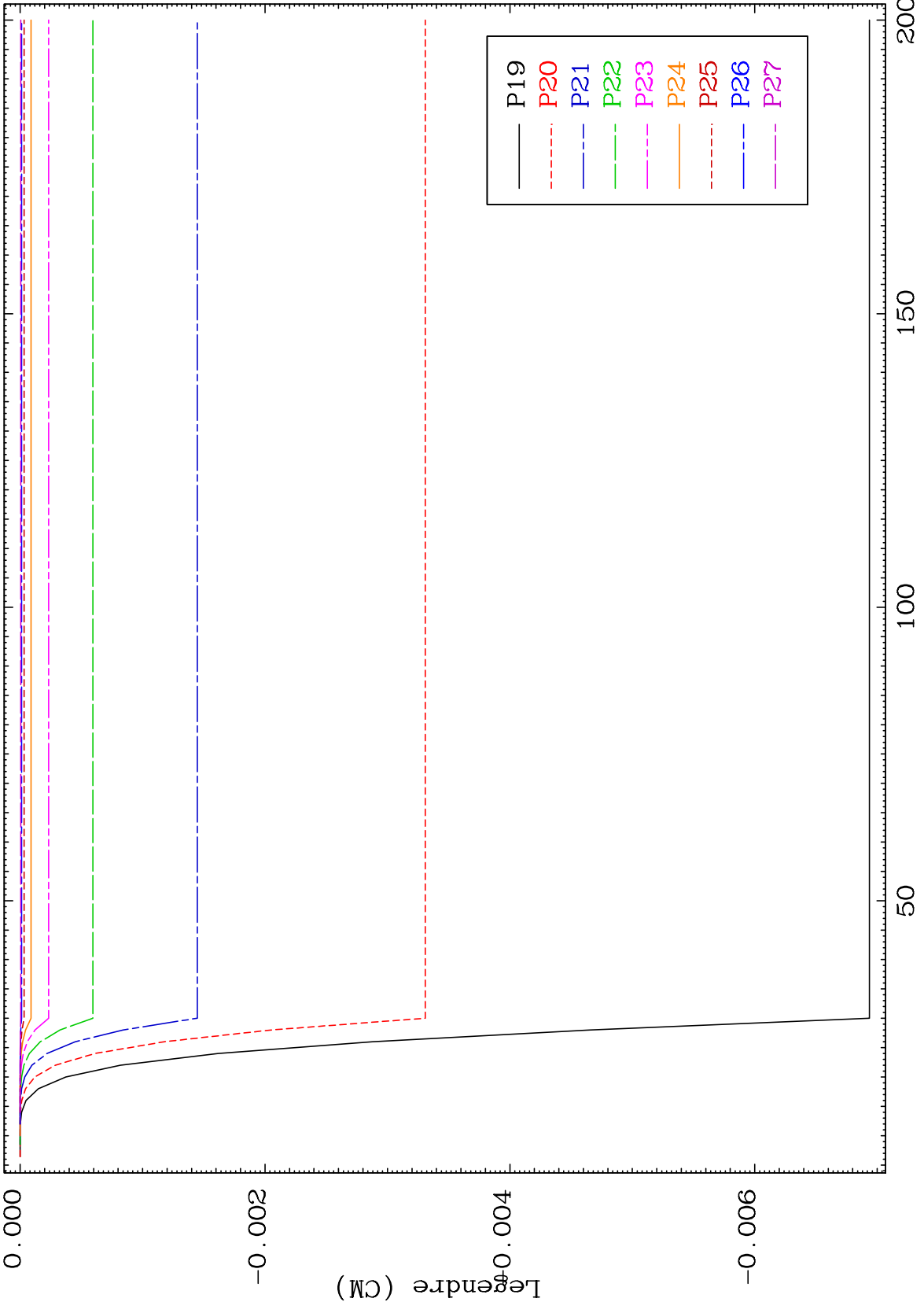


57

Incident Energy (MeV)

40-Zr-99

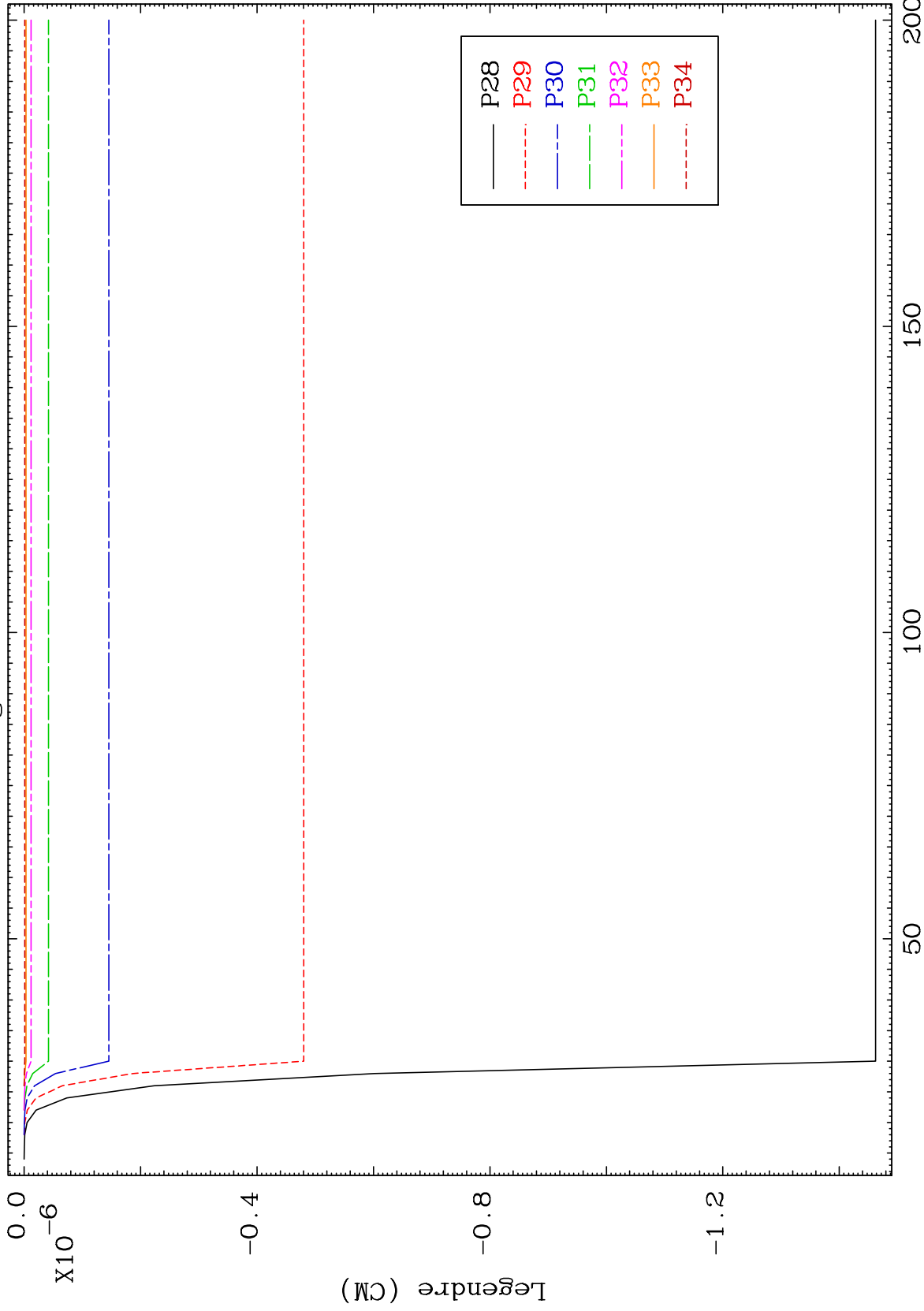
MAT 4052 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

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

40-Zr-99

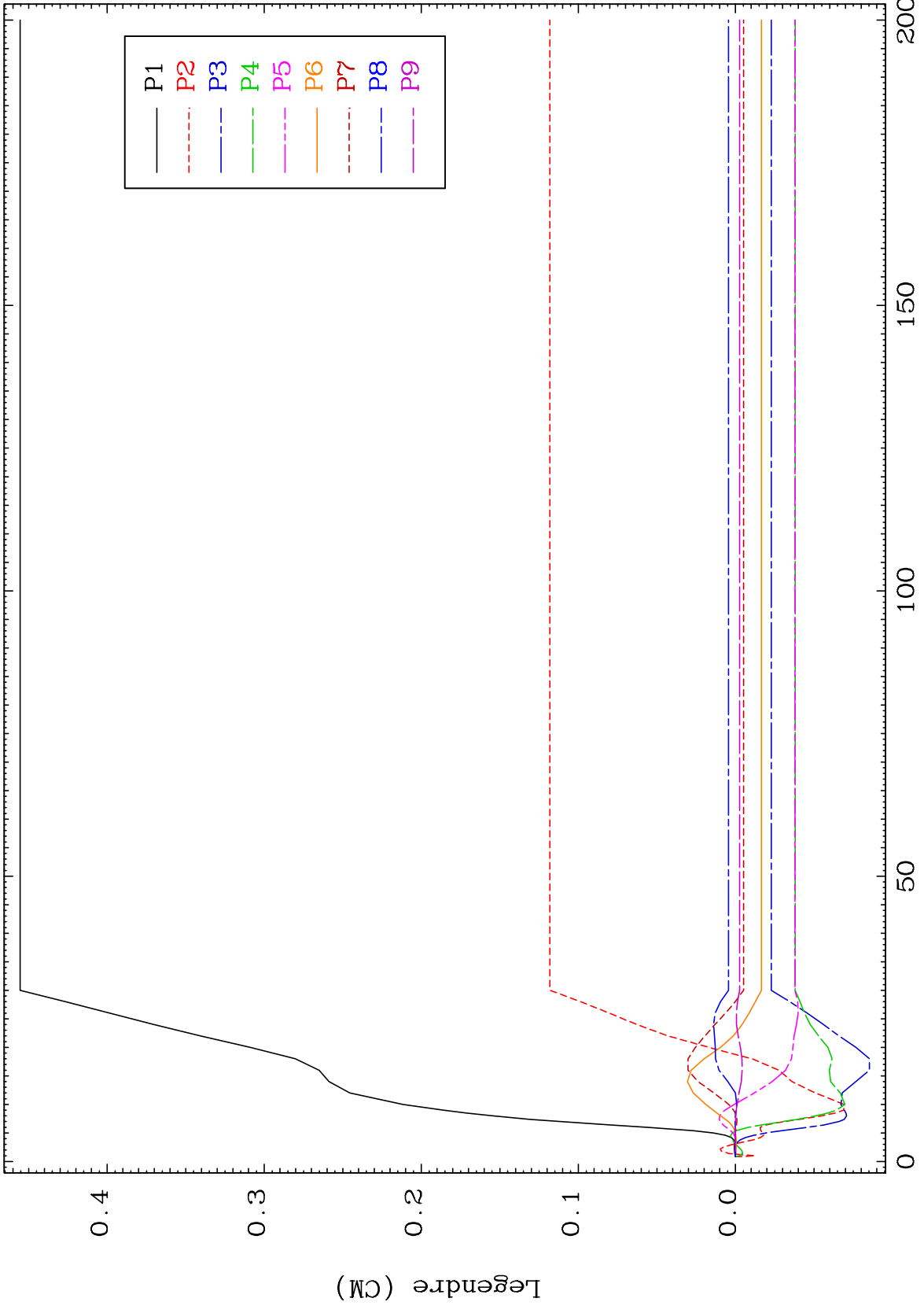


40-Zr-99

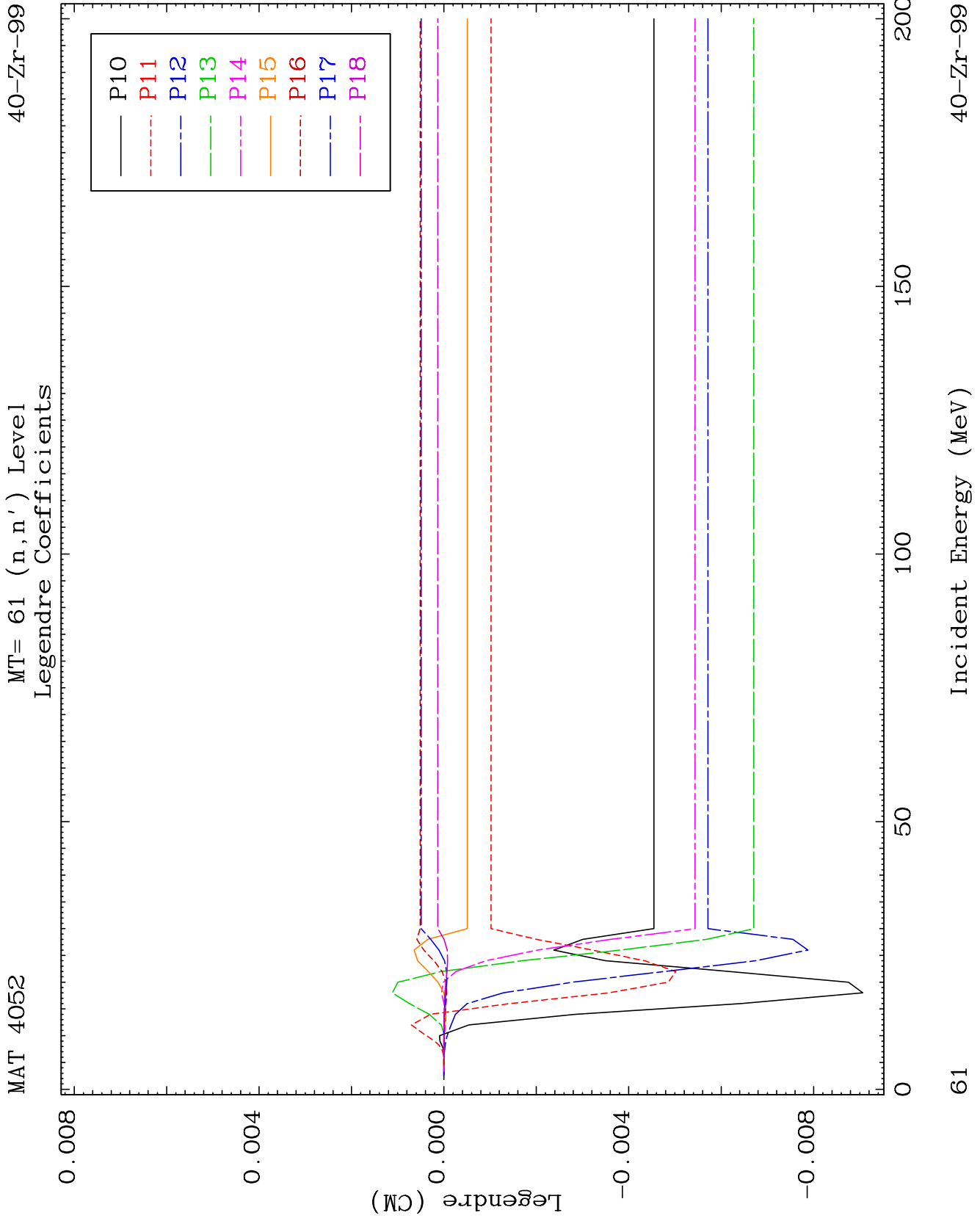
Incident Energy (MeV)

59

MAT 4052 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-99



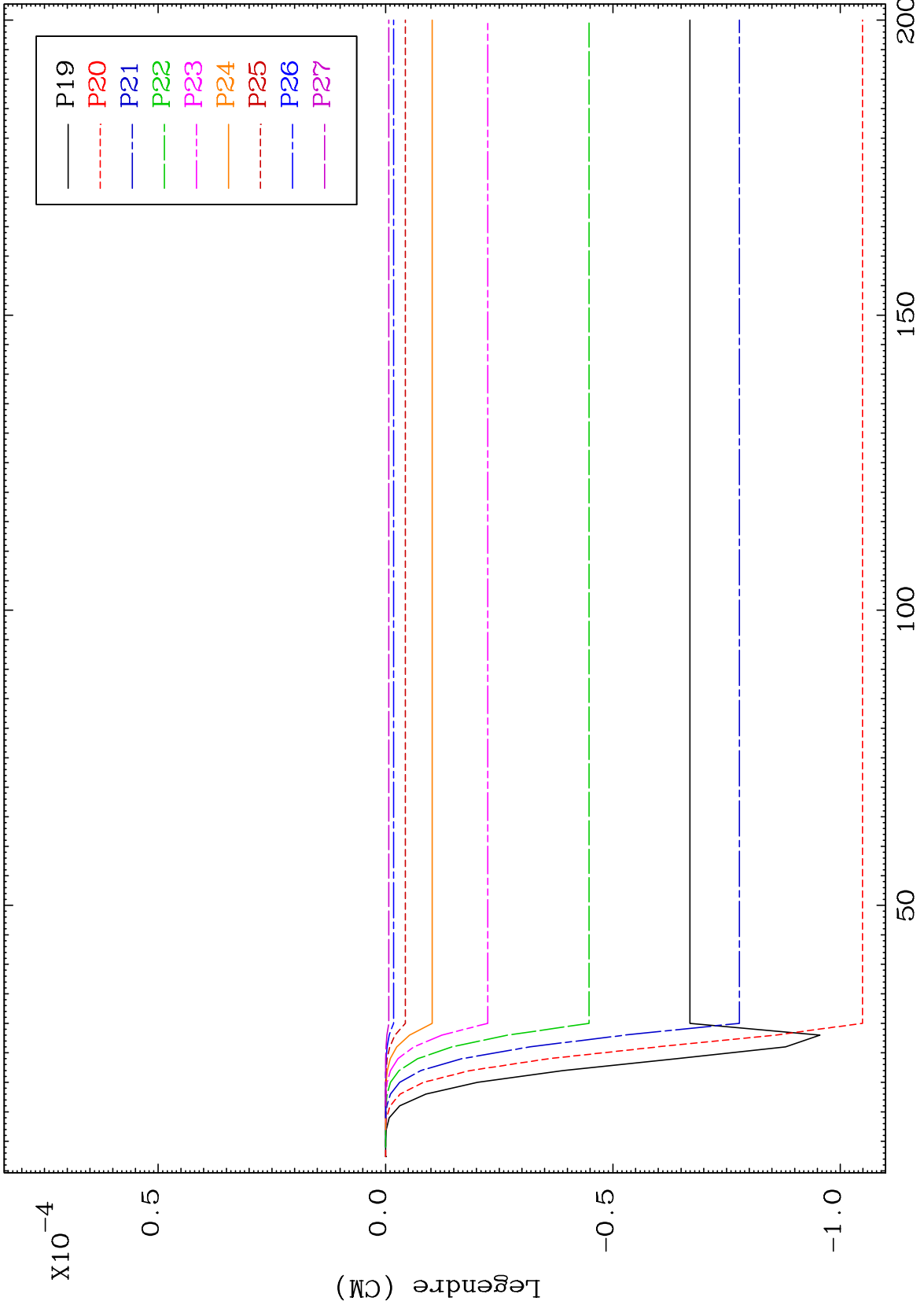
40-Zr-99



MAT 4052

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

40-Zr-99

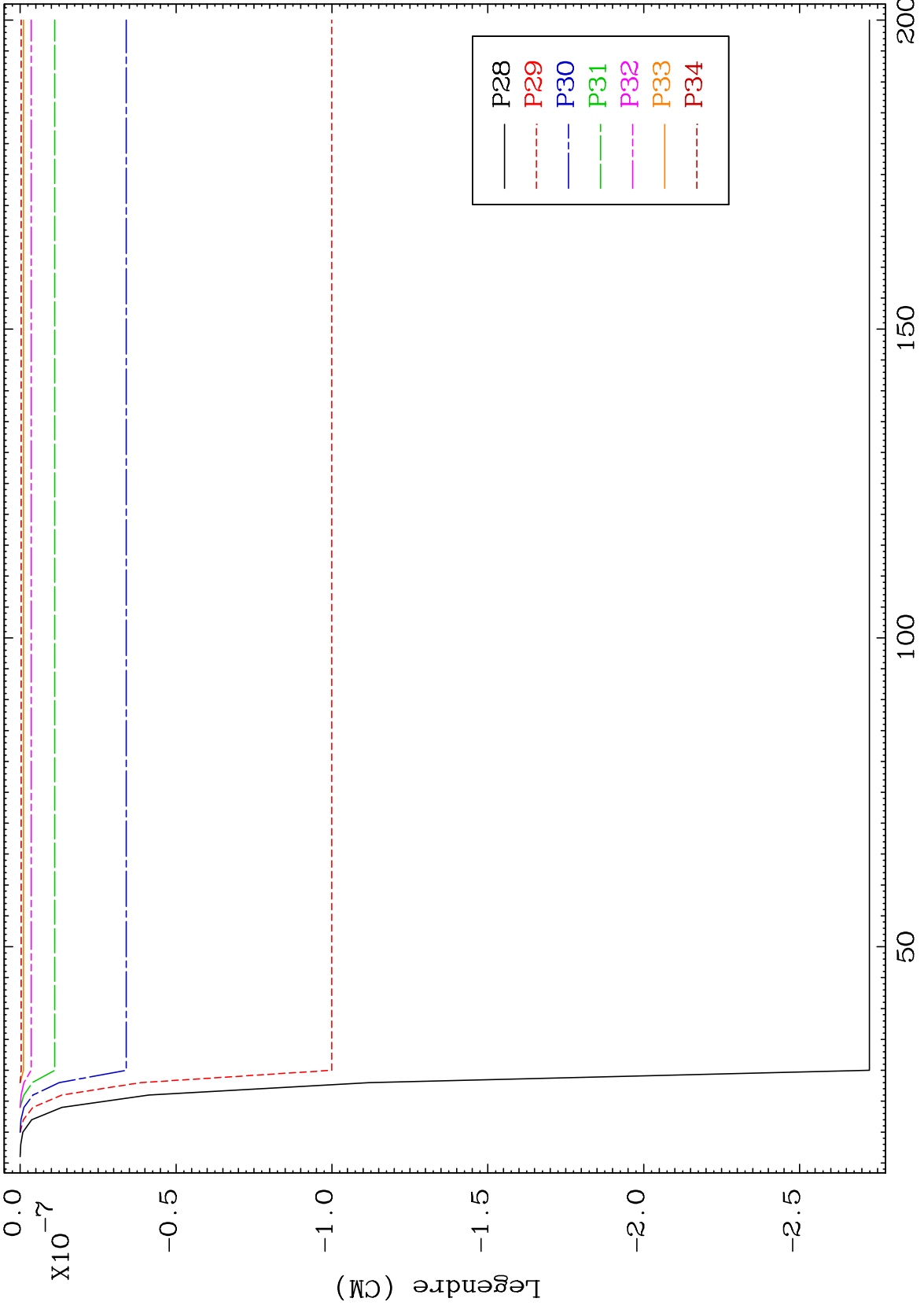


62

Incident Energy (MeV)

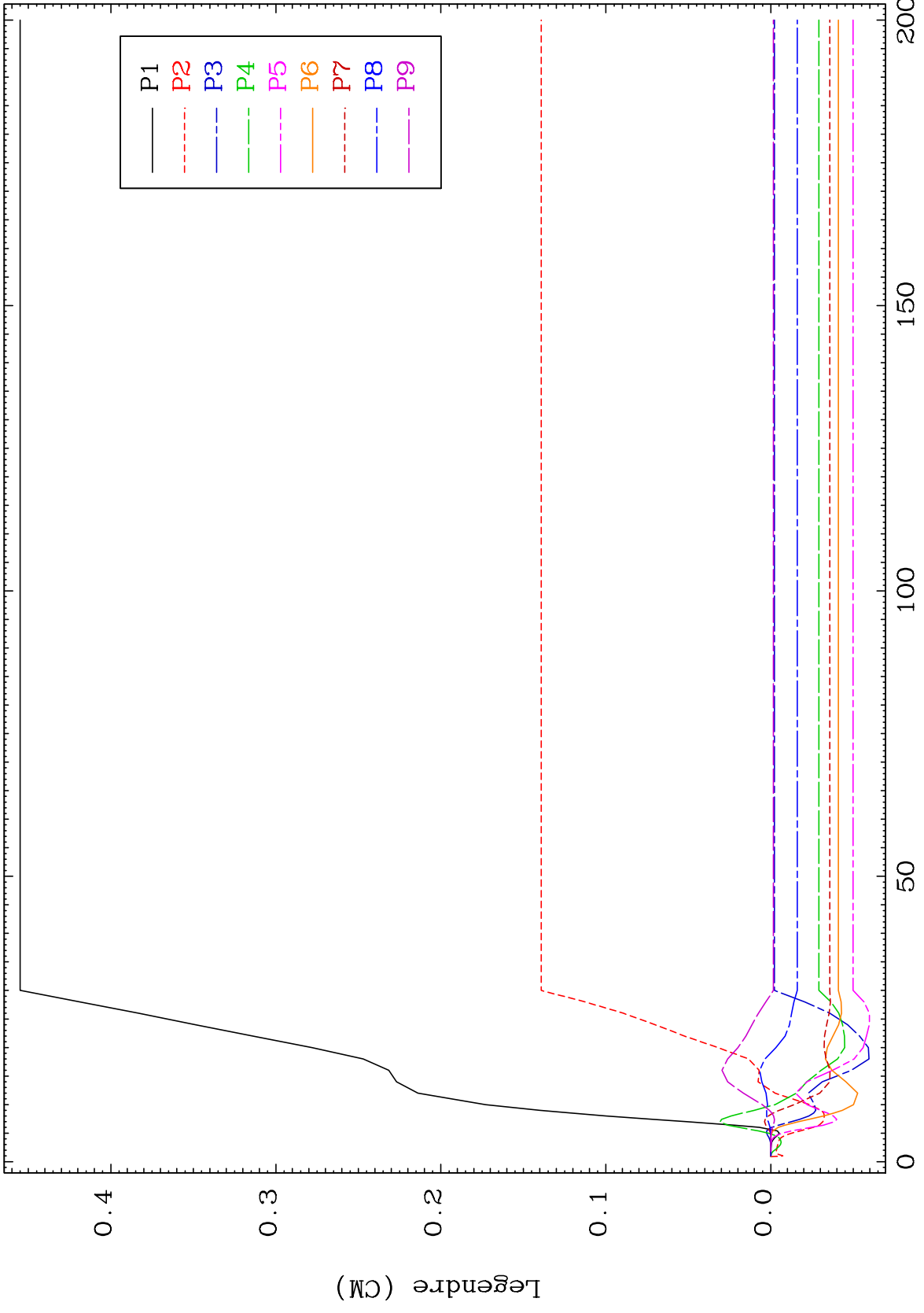
40-Zr-99

MAT 4052 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-99



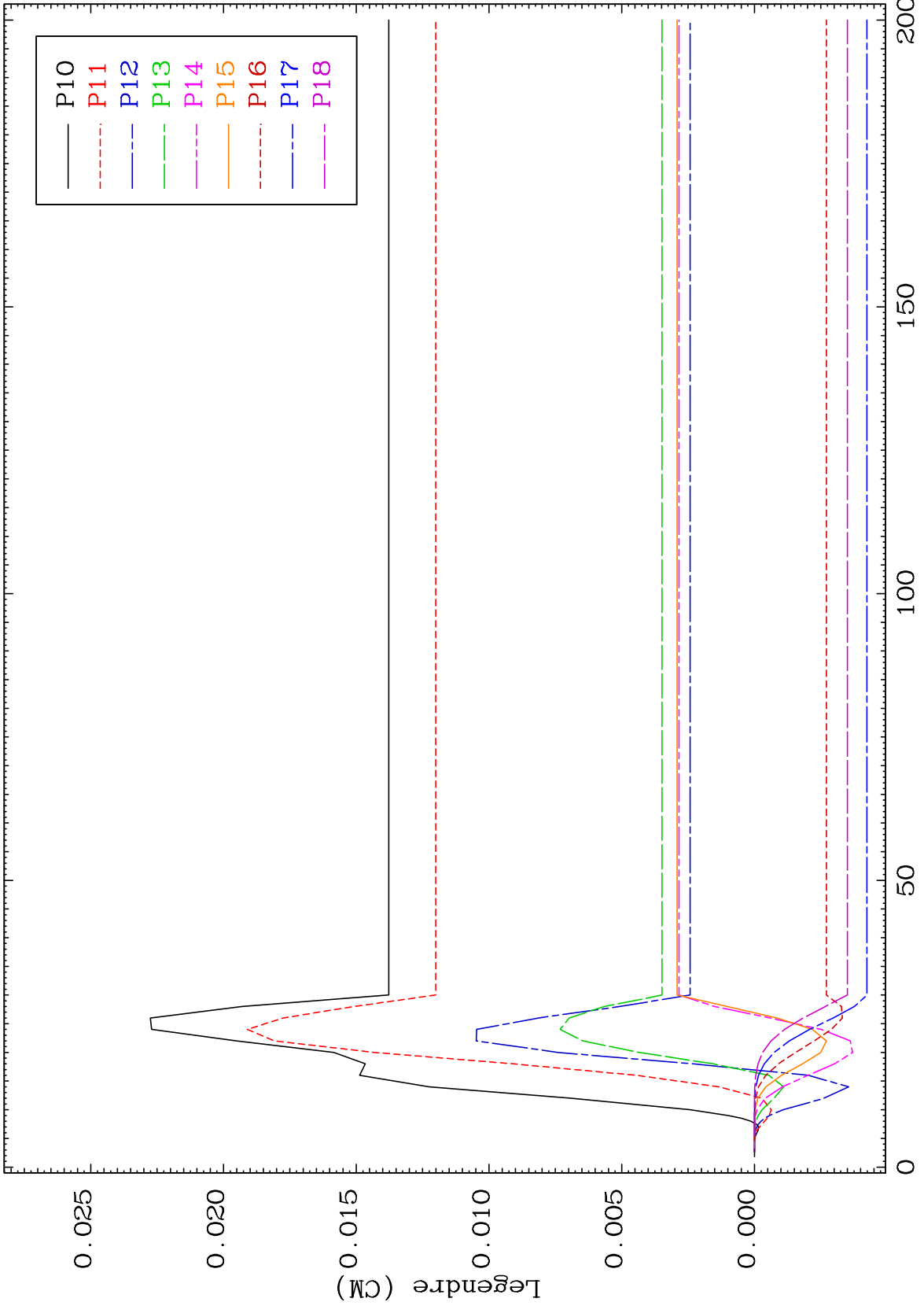
63 40-Zr-99

MAT 4052 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-99

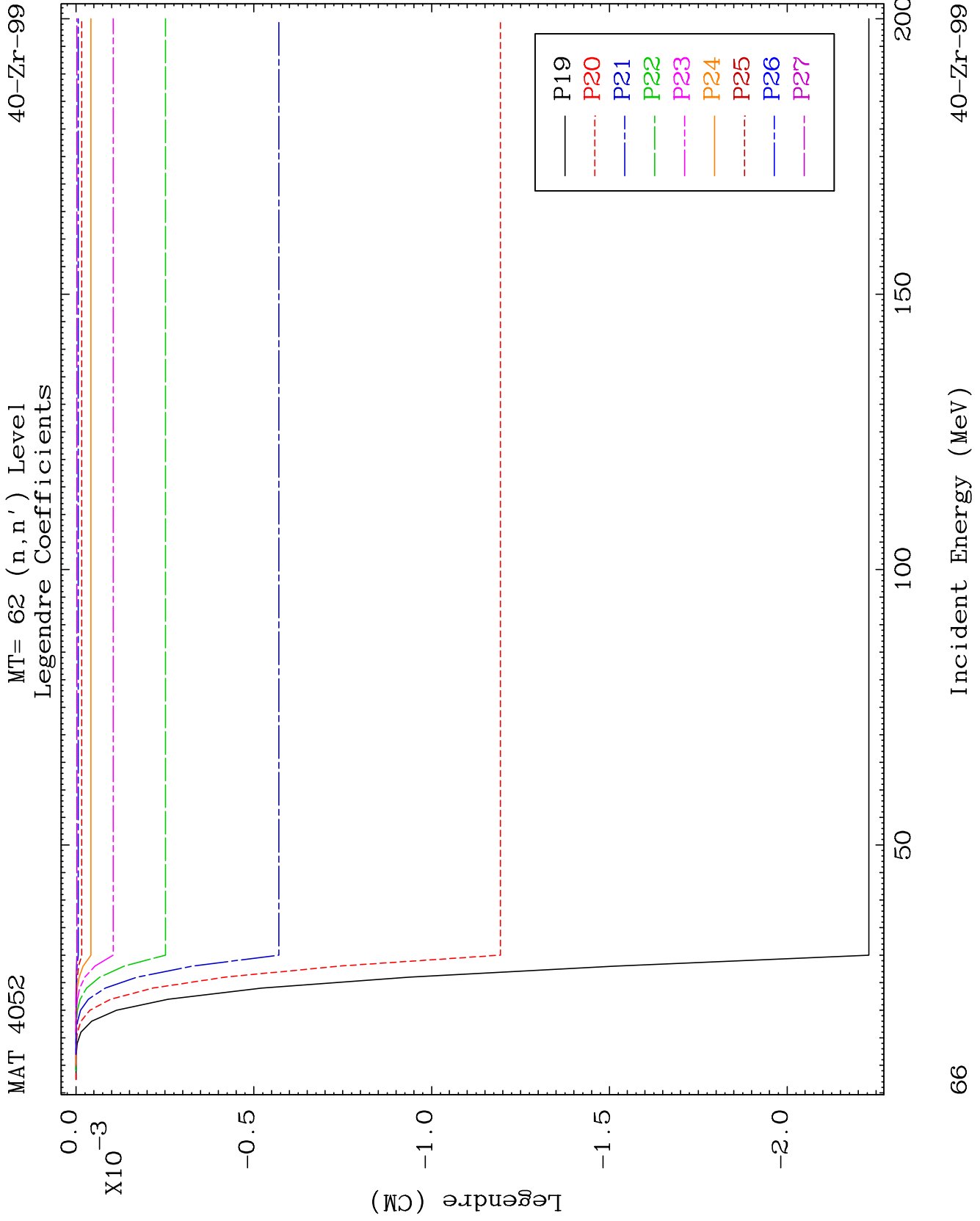


64 40-Zr-99

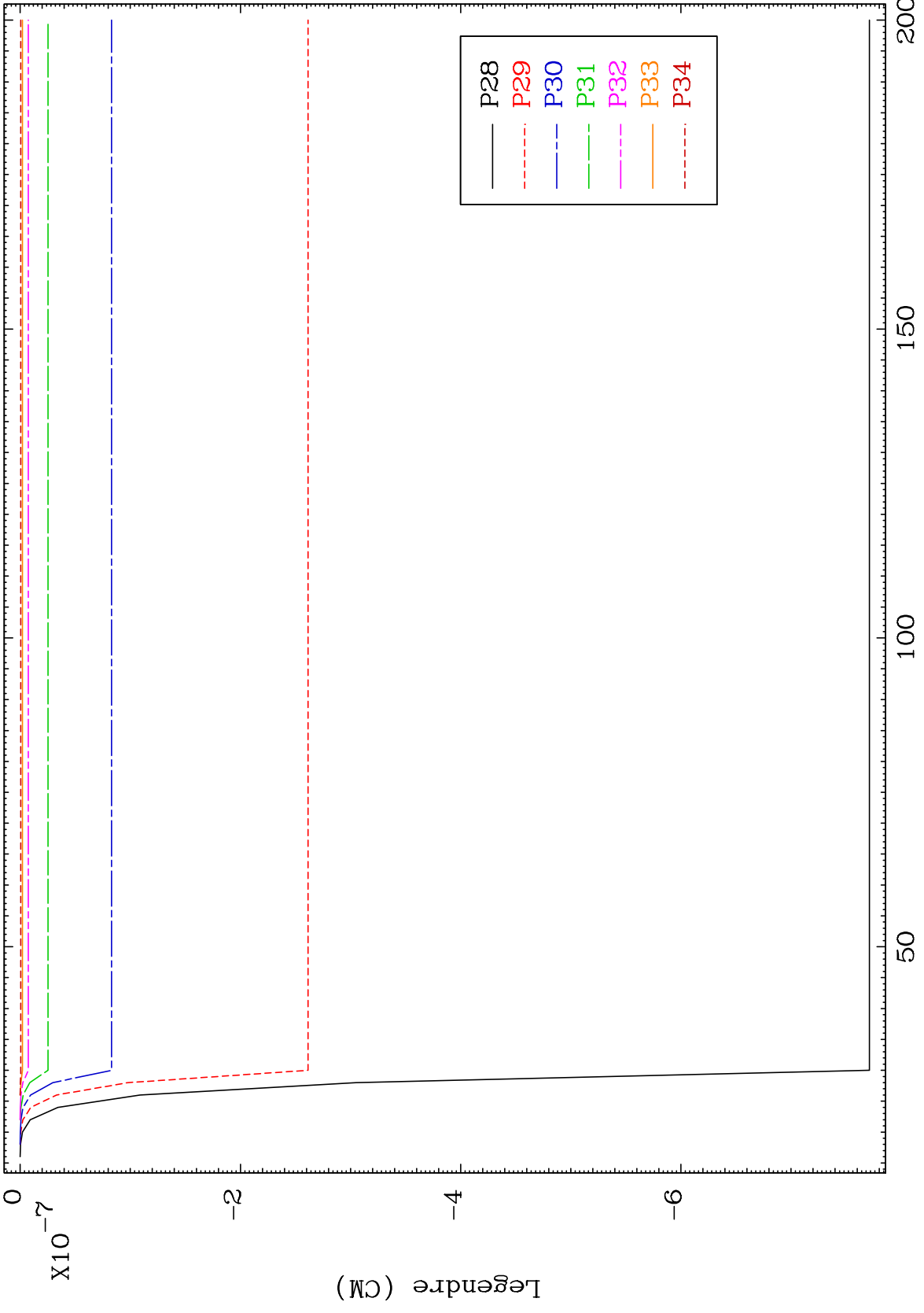
MAT 4052 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-99



65 40-Zr-99

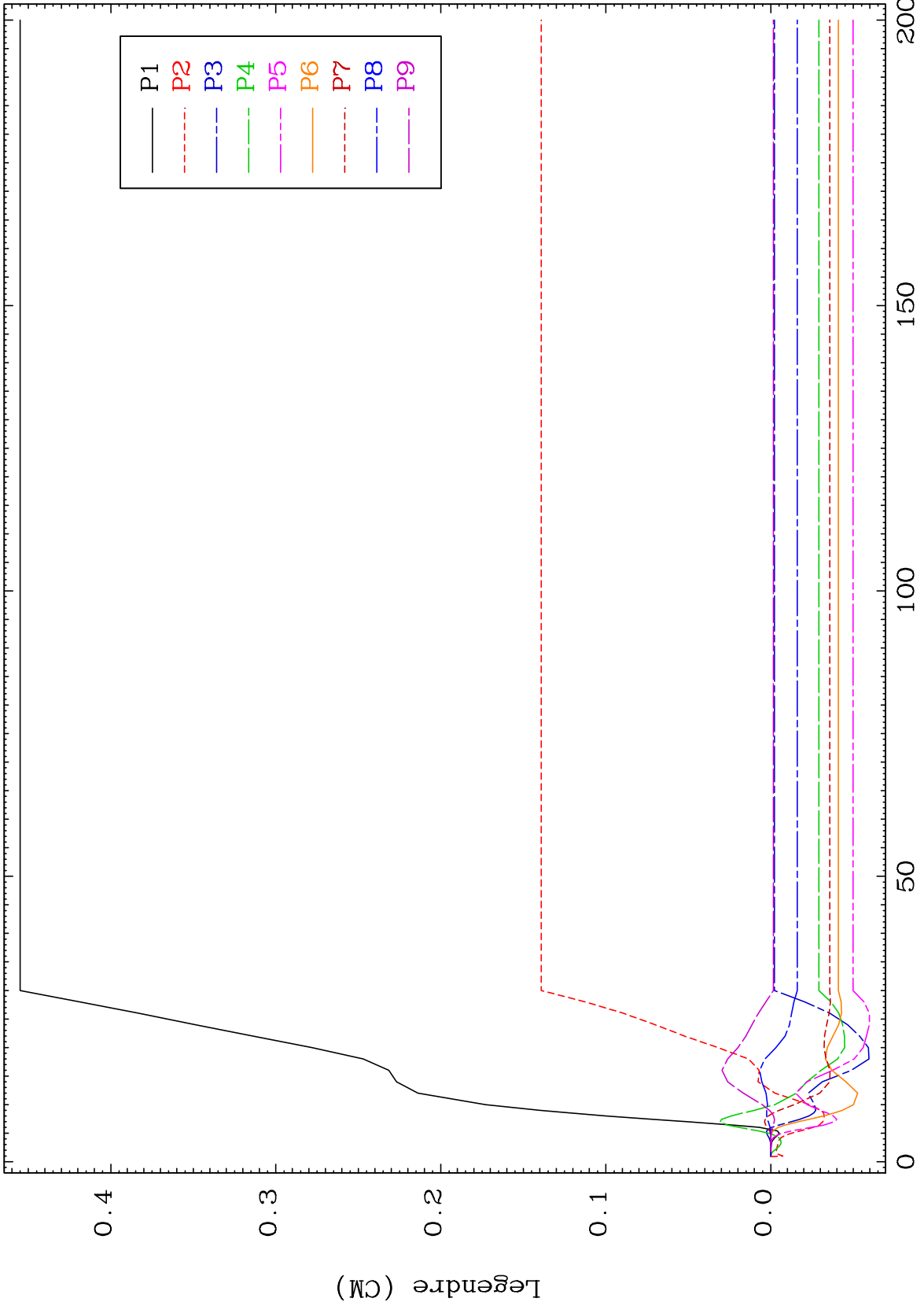


MAT 4052 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-99



67 40-Zr-99

MAT 4052 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-99

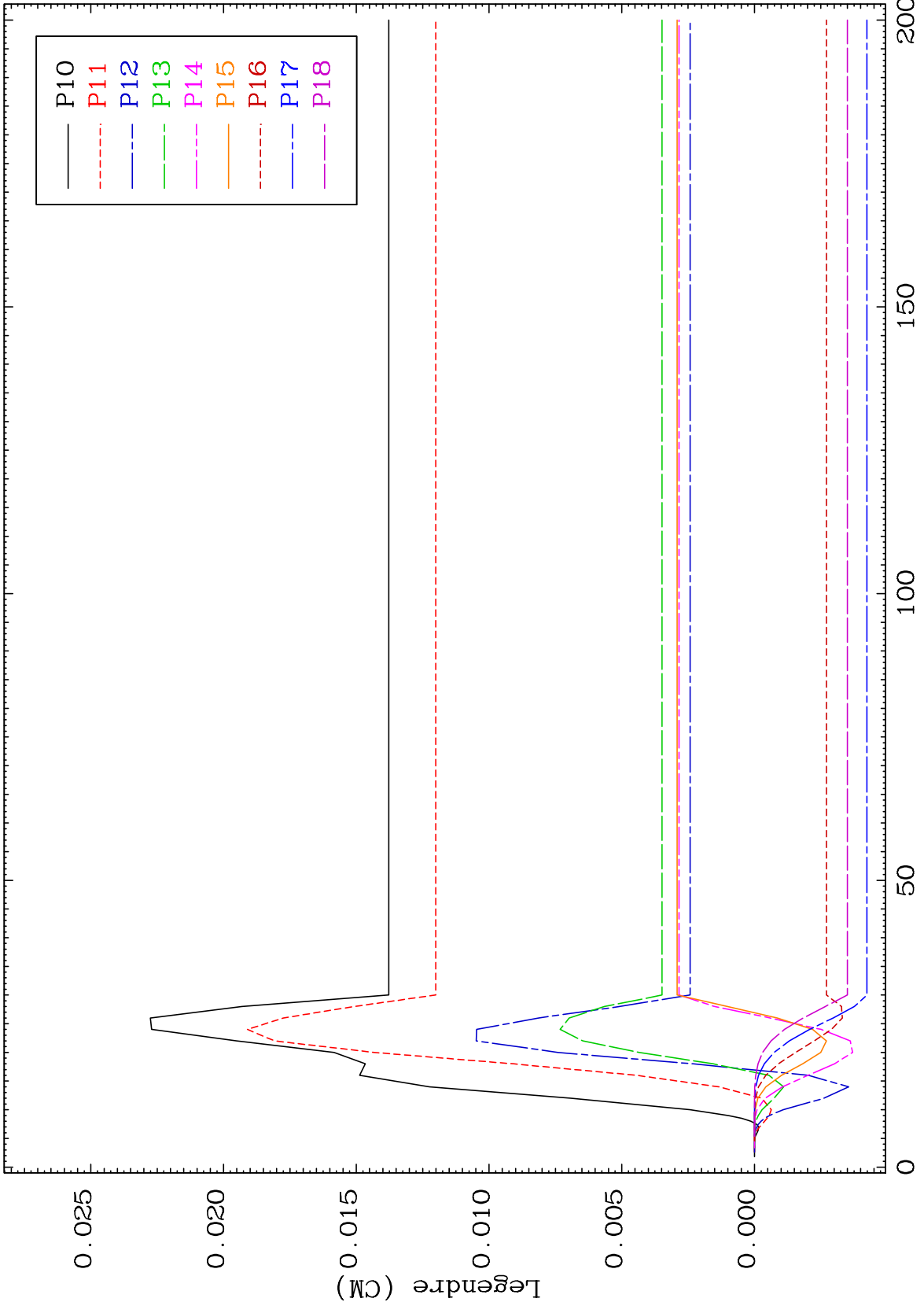


68 40-Zr-99

MAT 4052

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

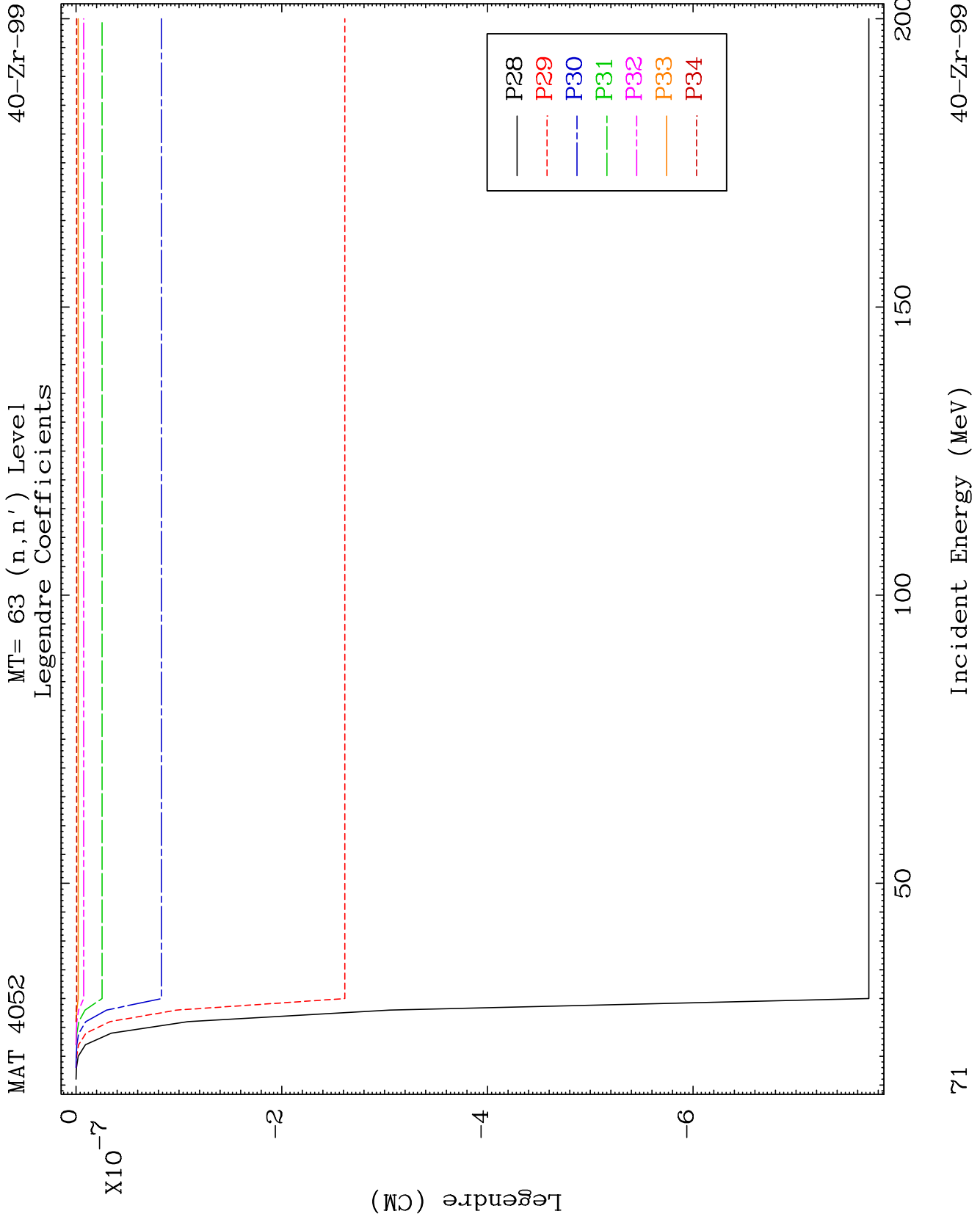
40-Zr-99



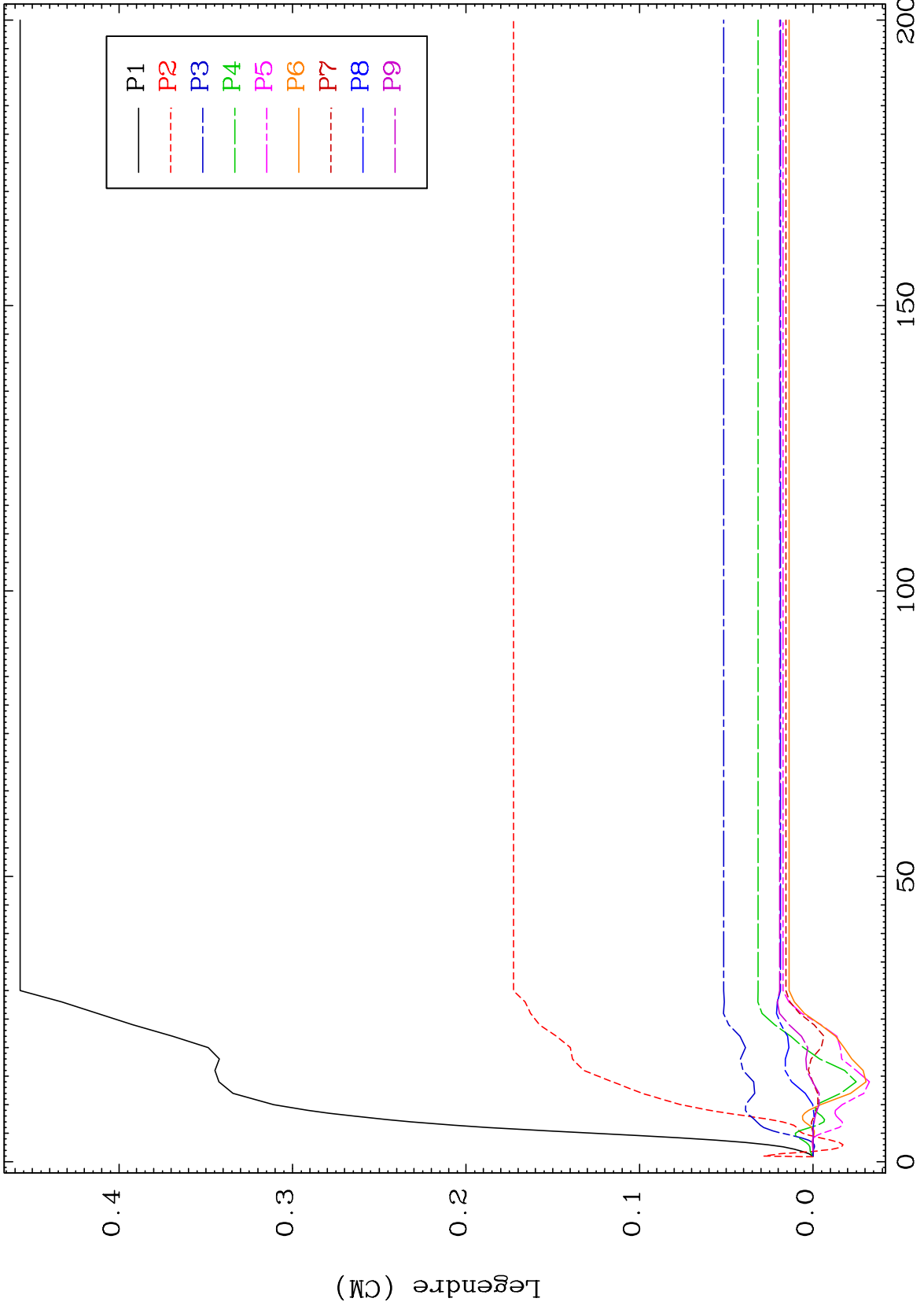
69

Incident Energy (MeV)

40-Zr-99



MAT 4052 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-99

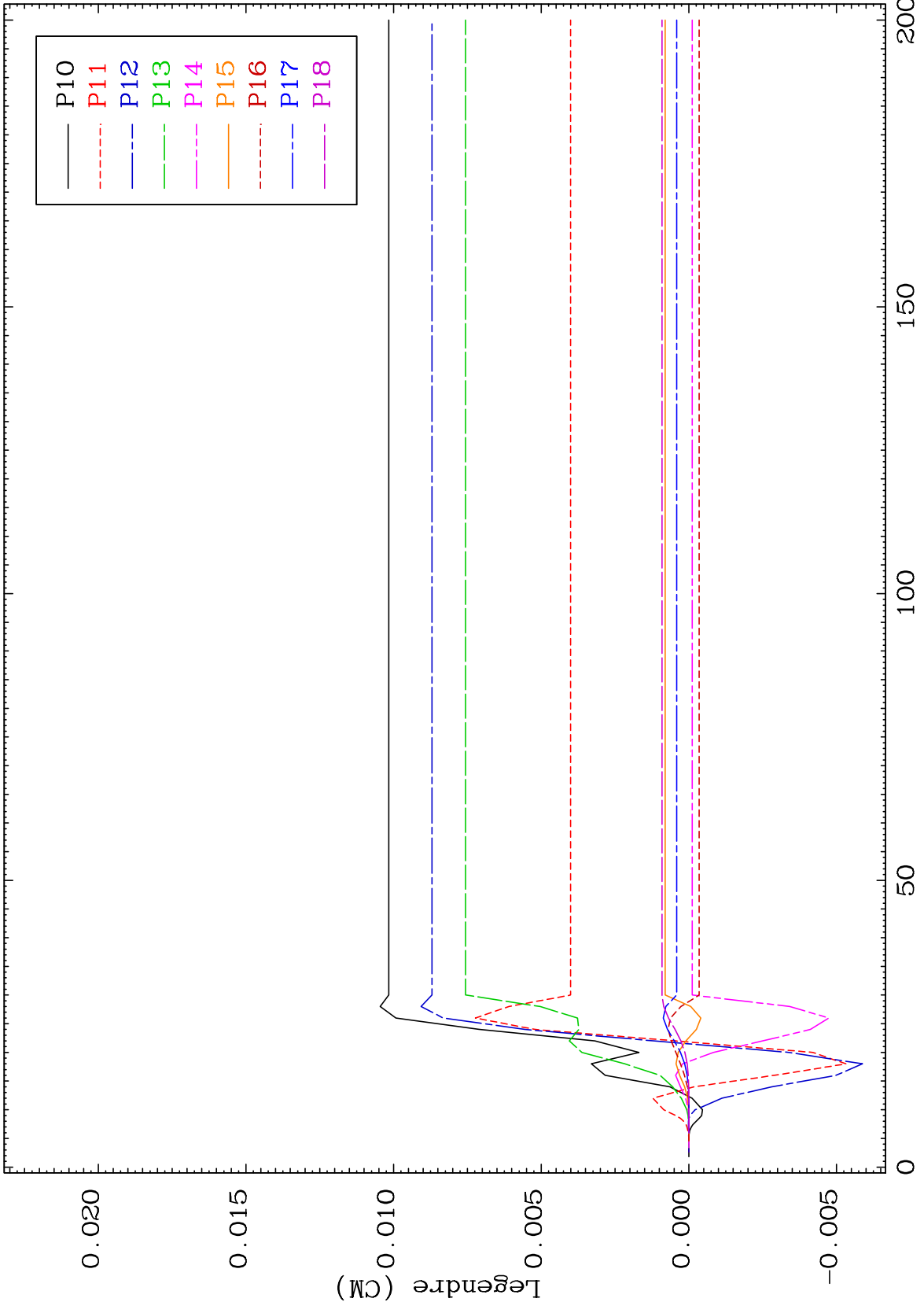


72 Incident Energy (MeV) 40-Zr-99

MAT 4052

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

40-Zr-99



73

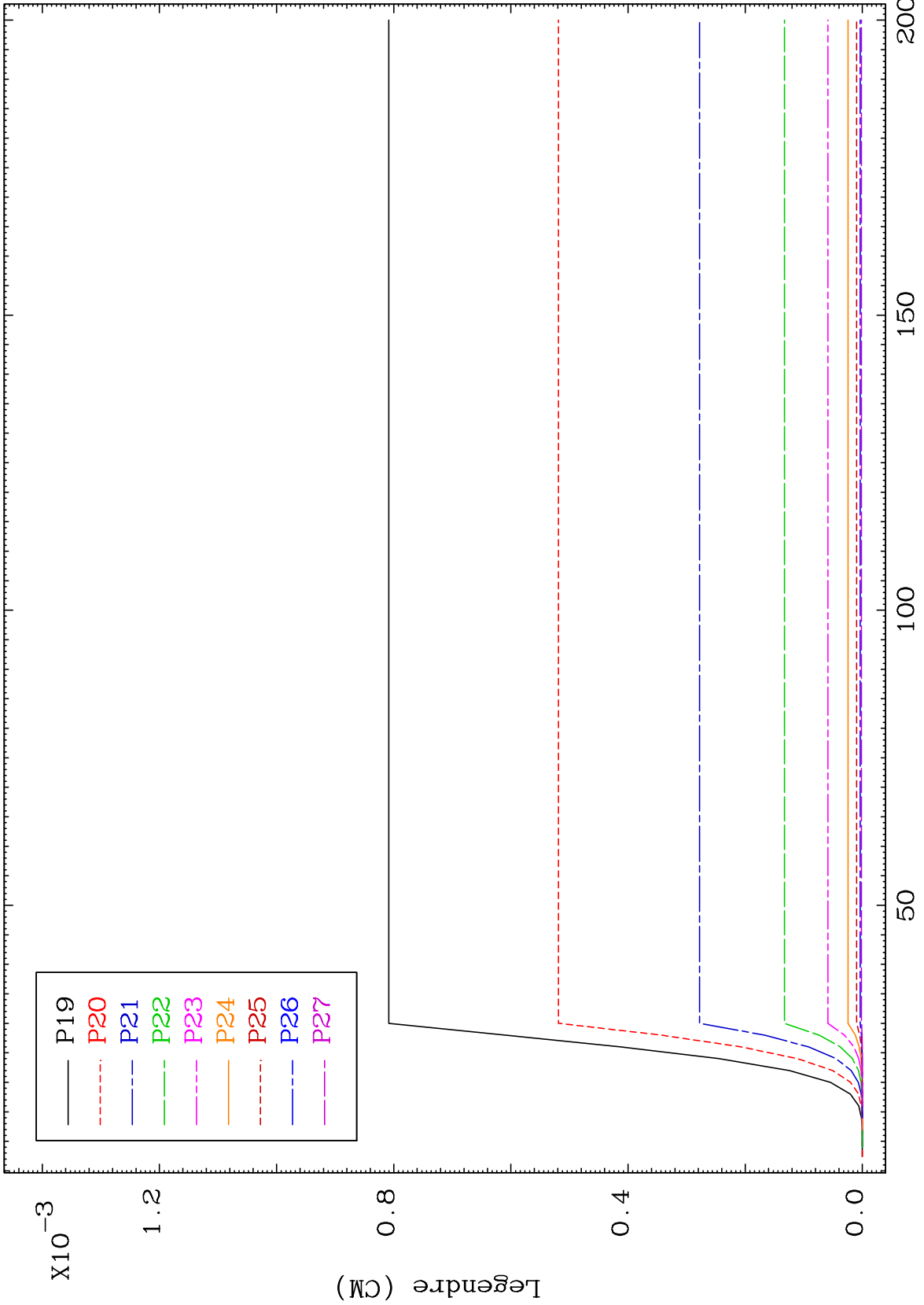
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99



74

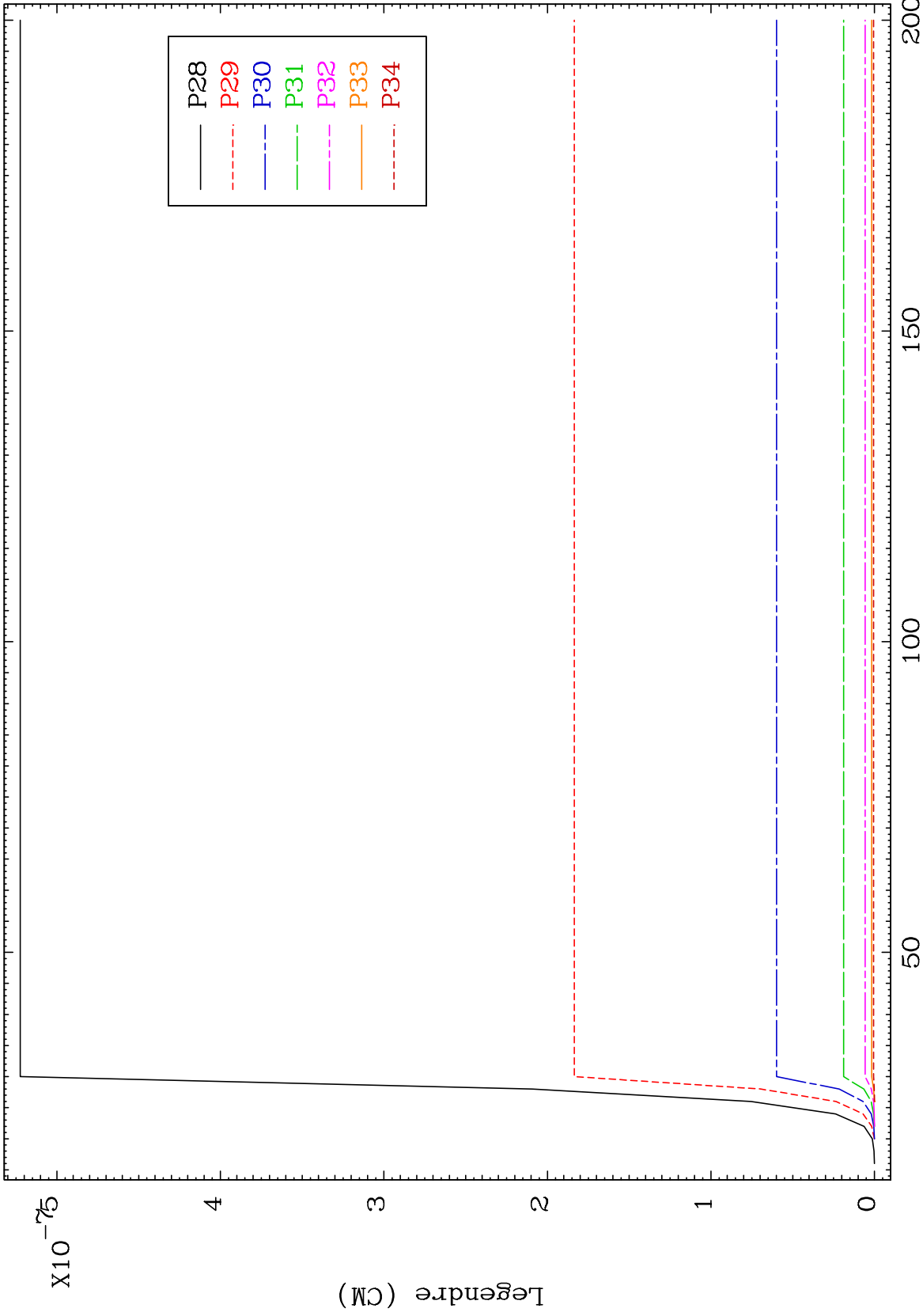
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99

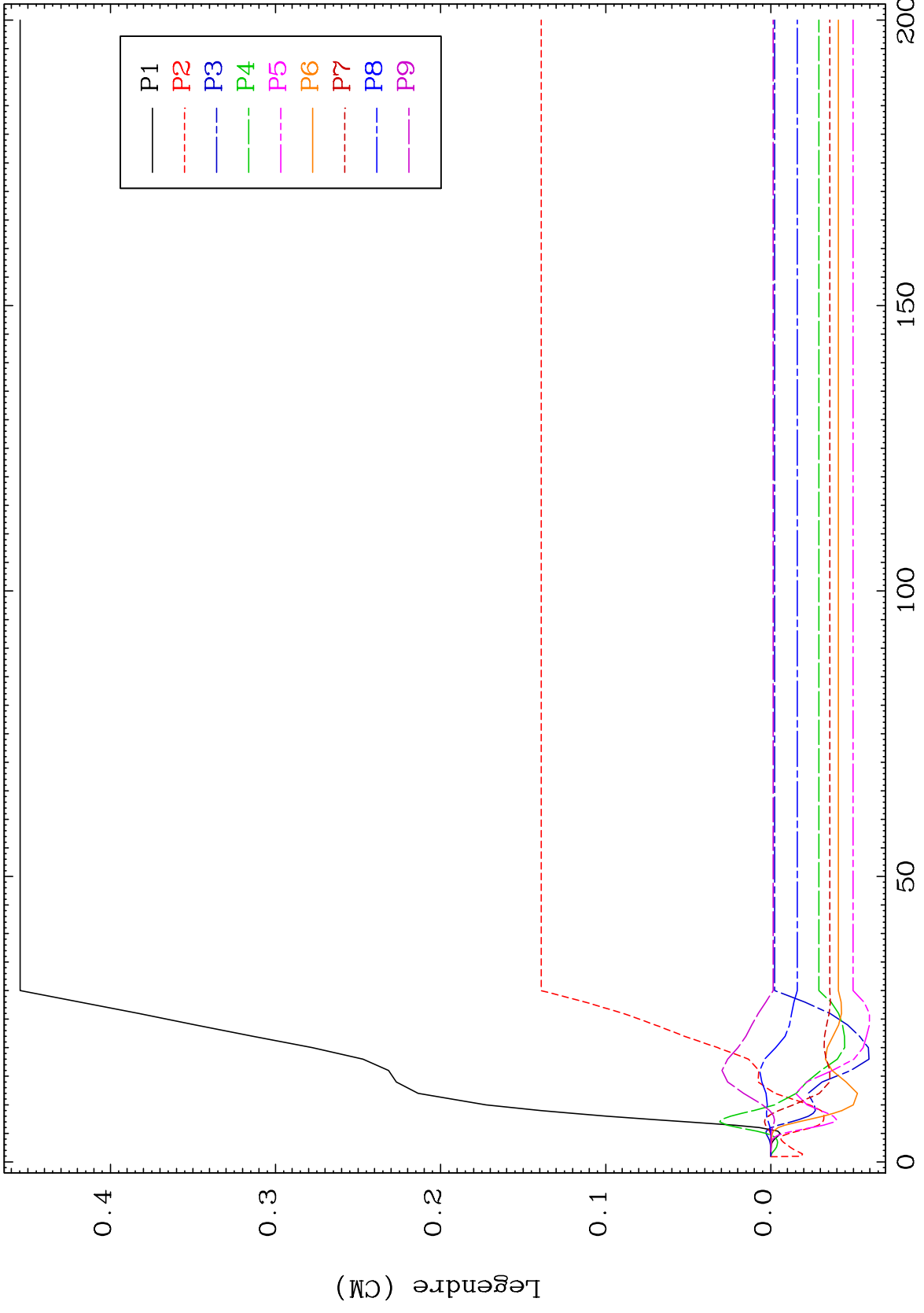


75

Incident Energy (MeV)

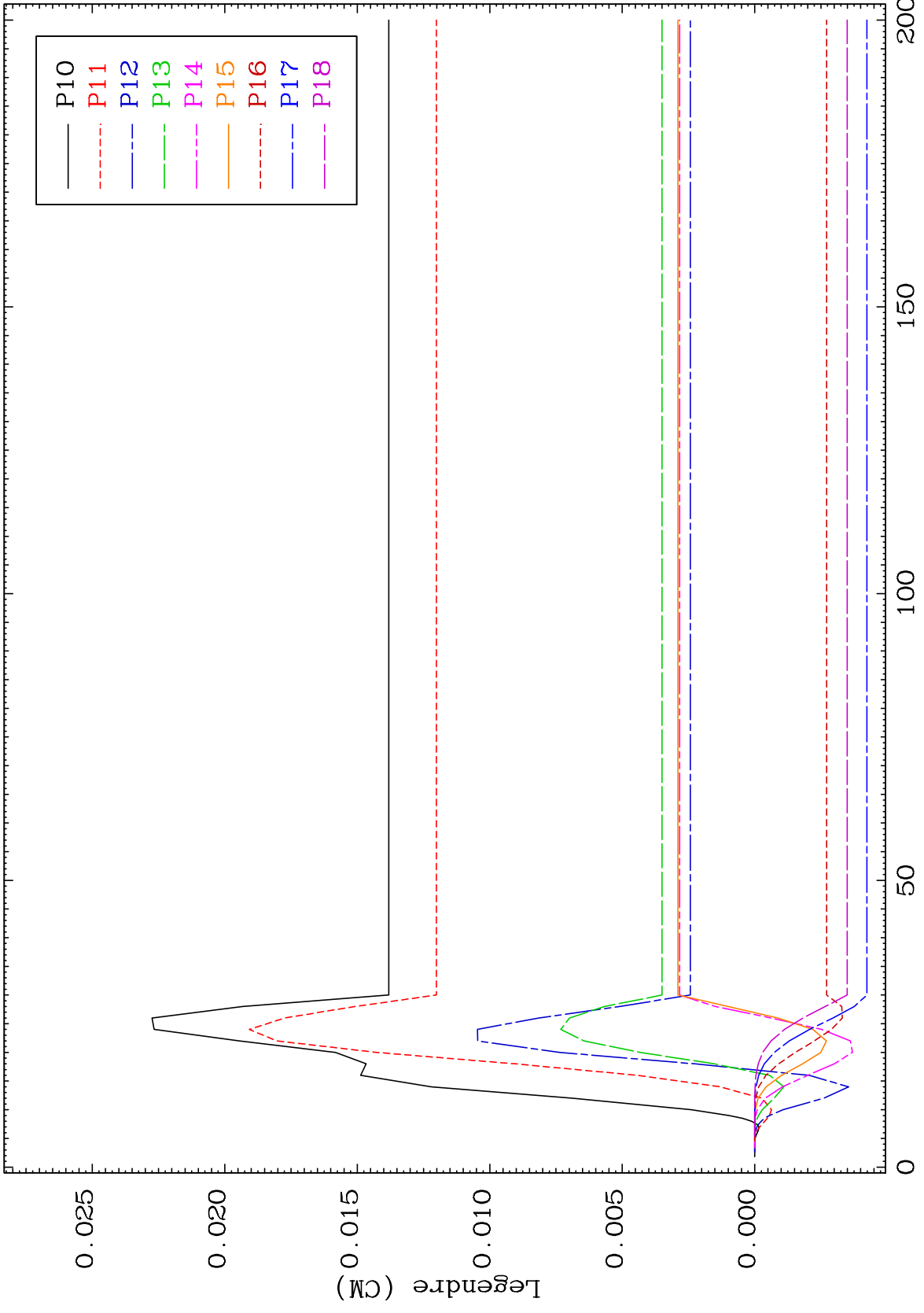
40-Zr-99

MAT 4052 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-99



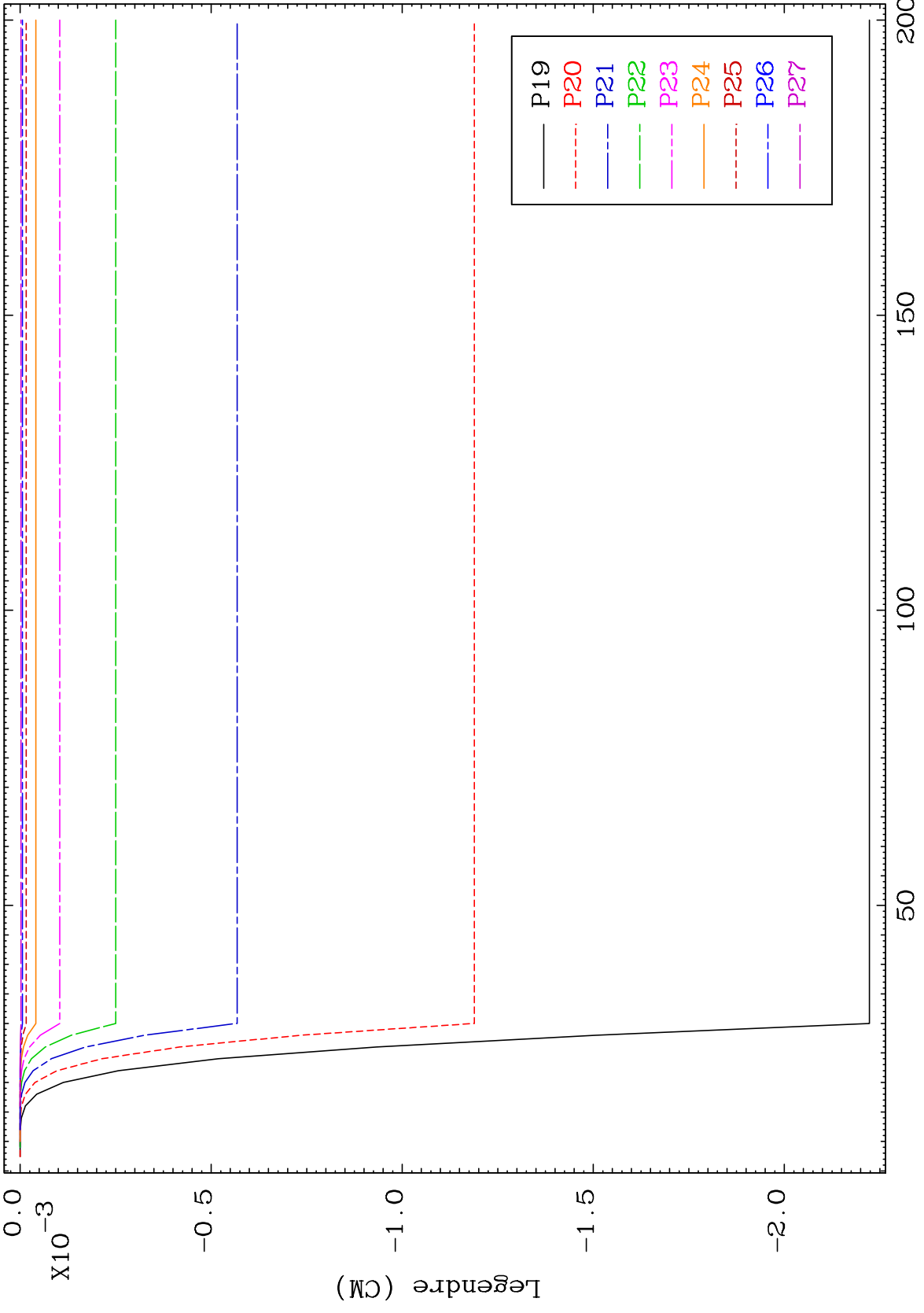
76 Incident Energy (MeV) 40-Zr-99

MAT 4052 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-99

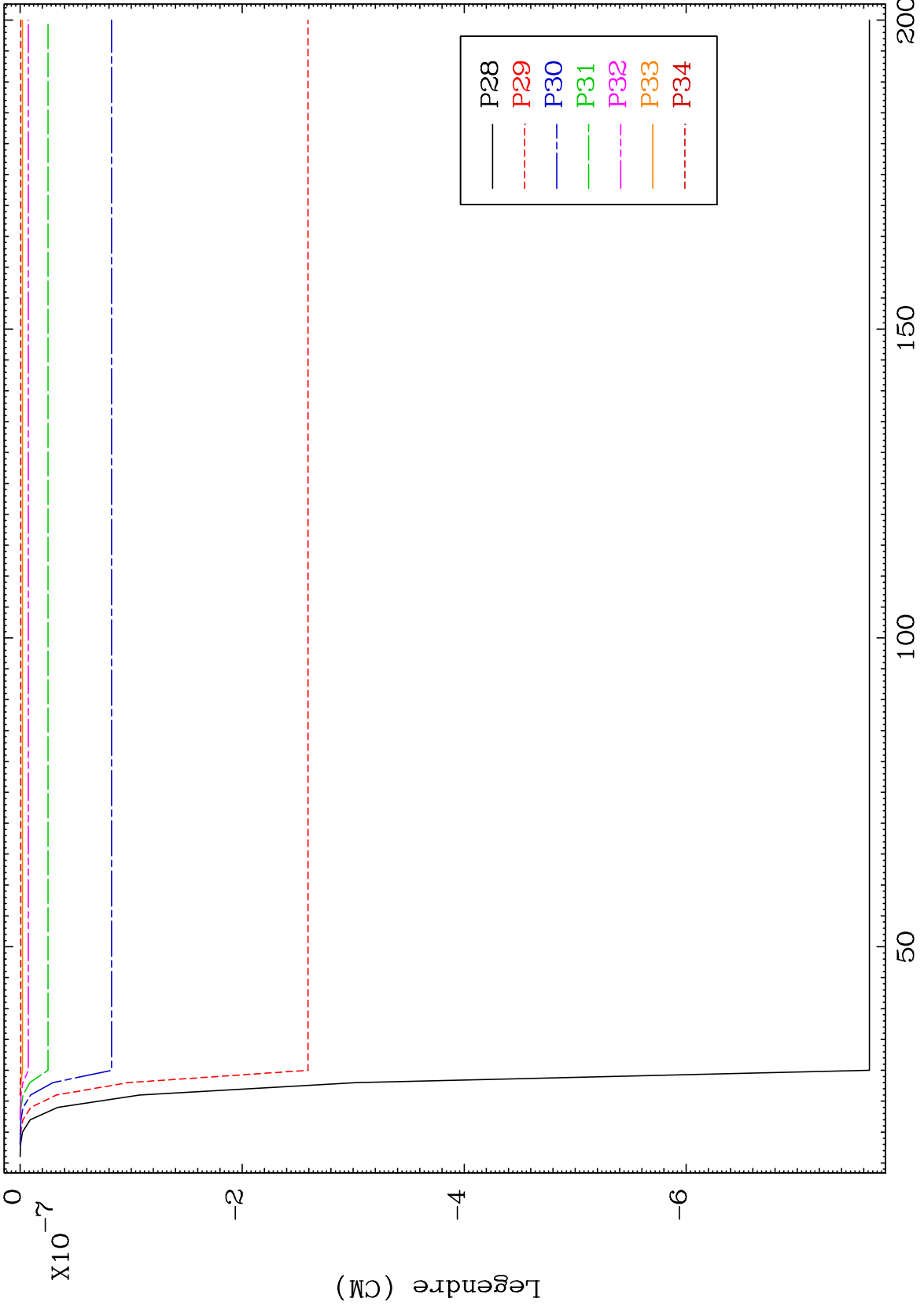


77 40-Zr-99

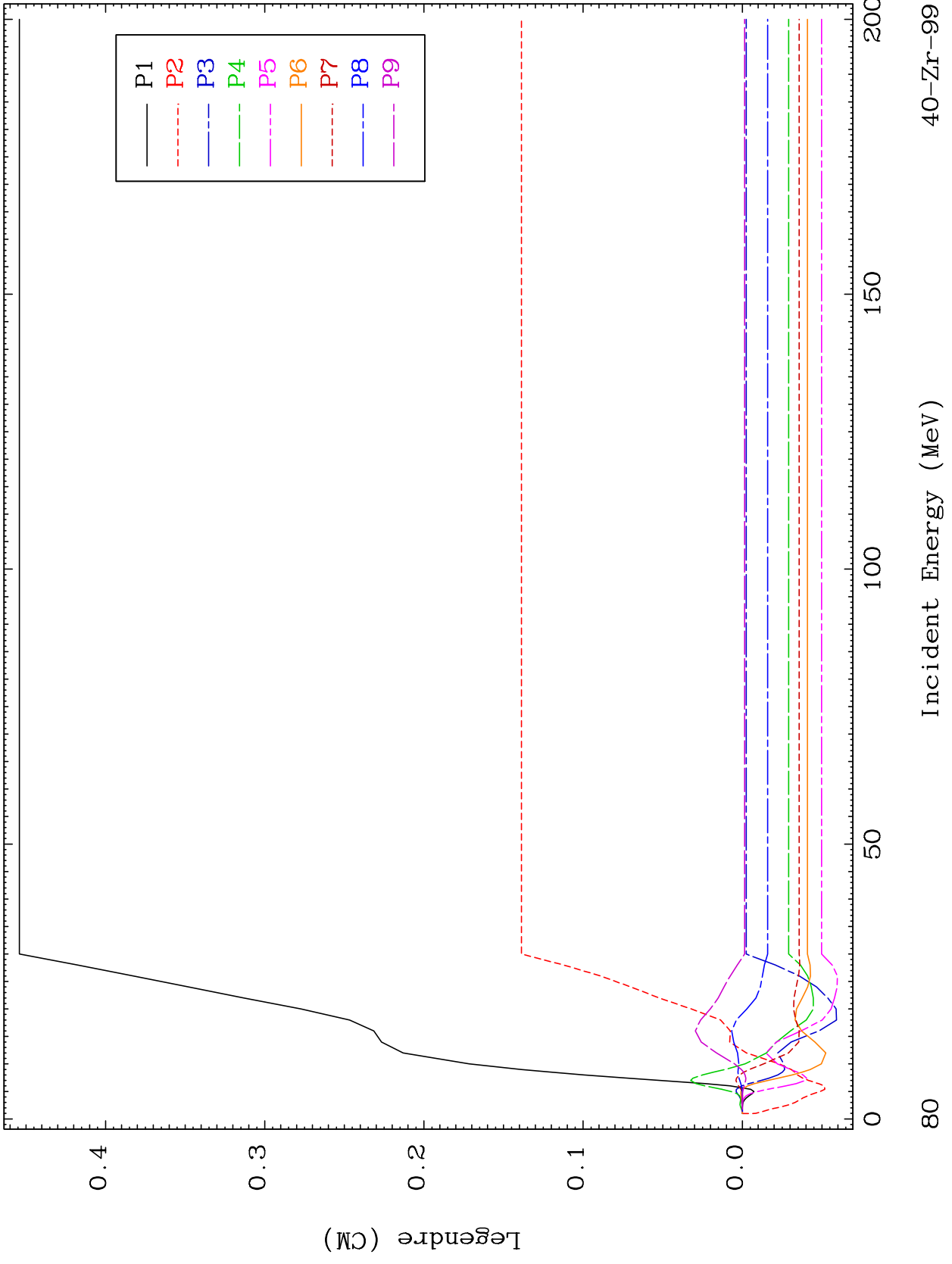
MAT 4052 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-99



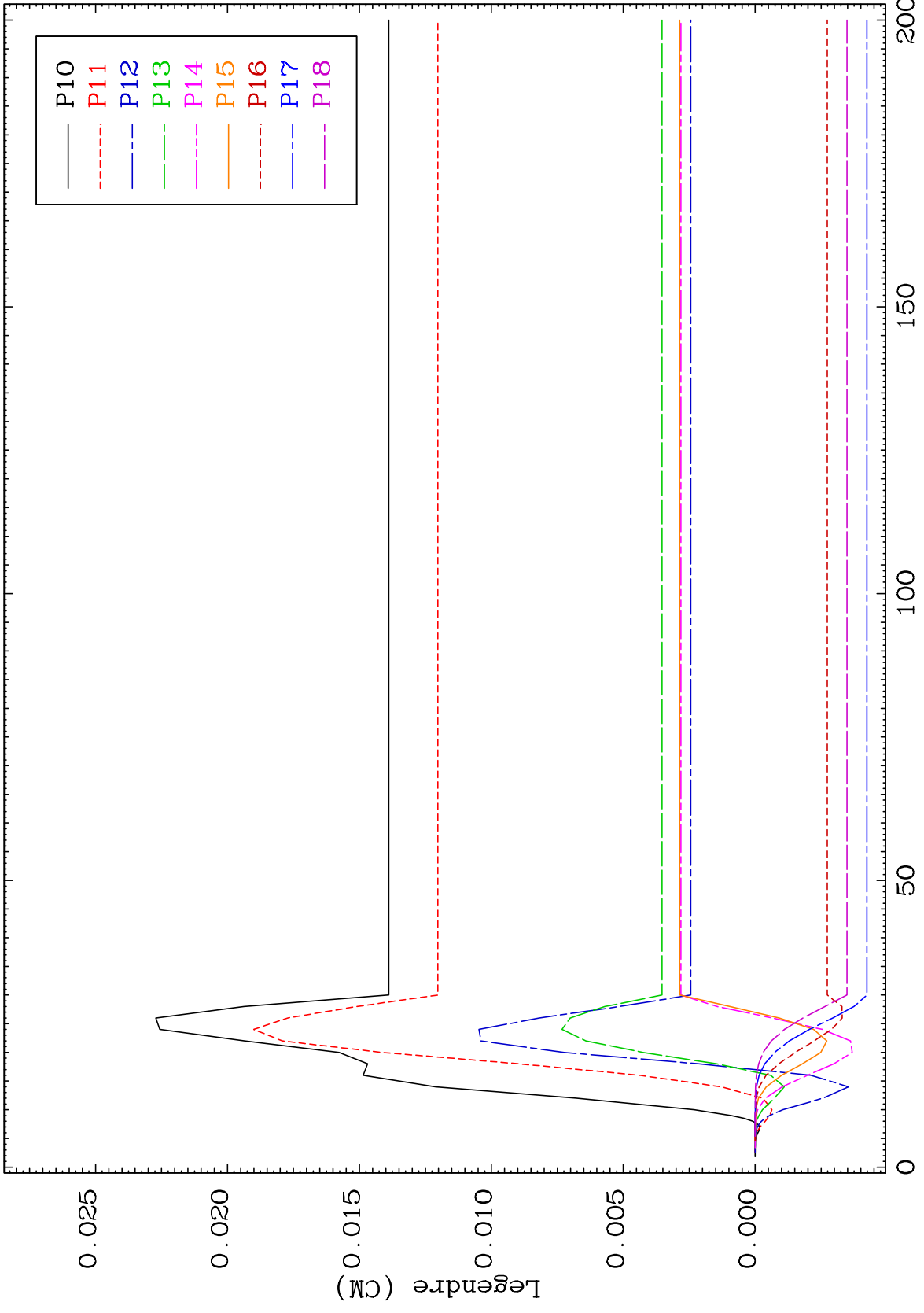
MAT 4052 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-99



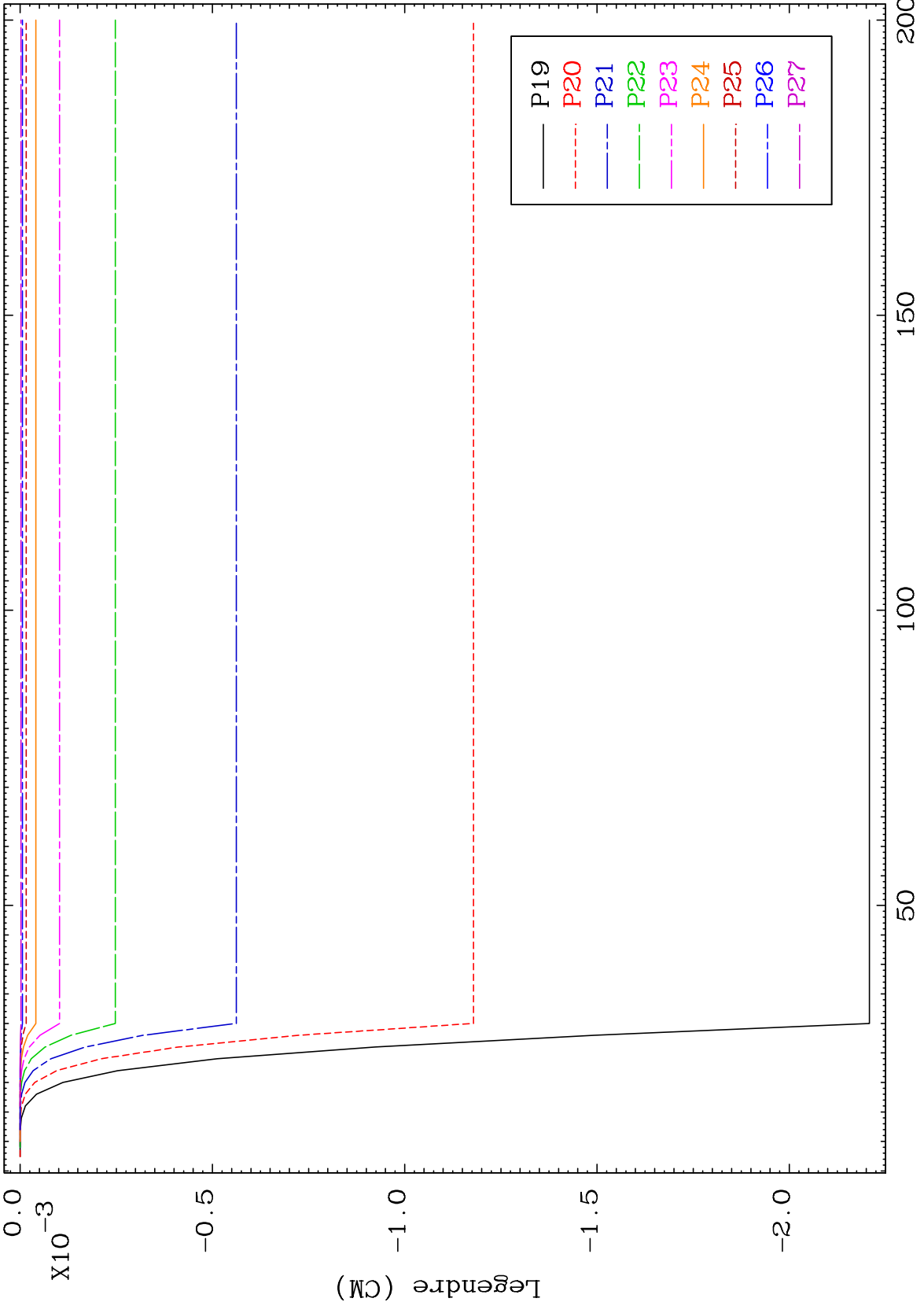
MAT 4052 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-99



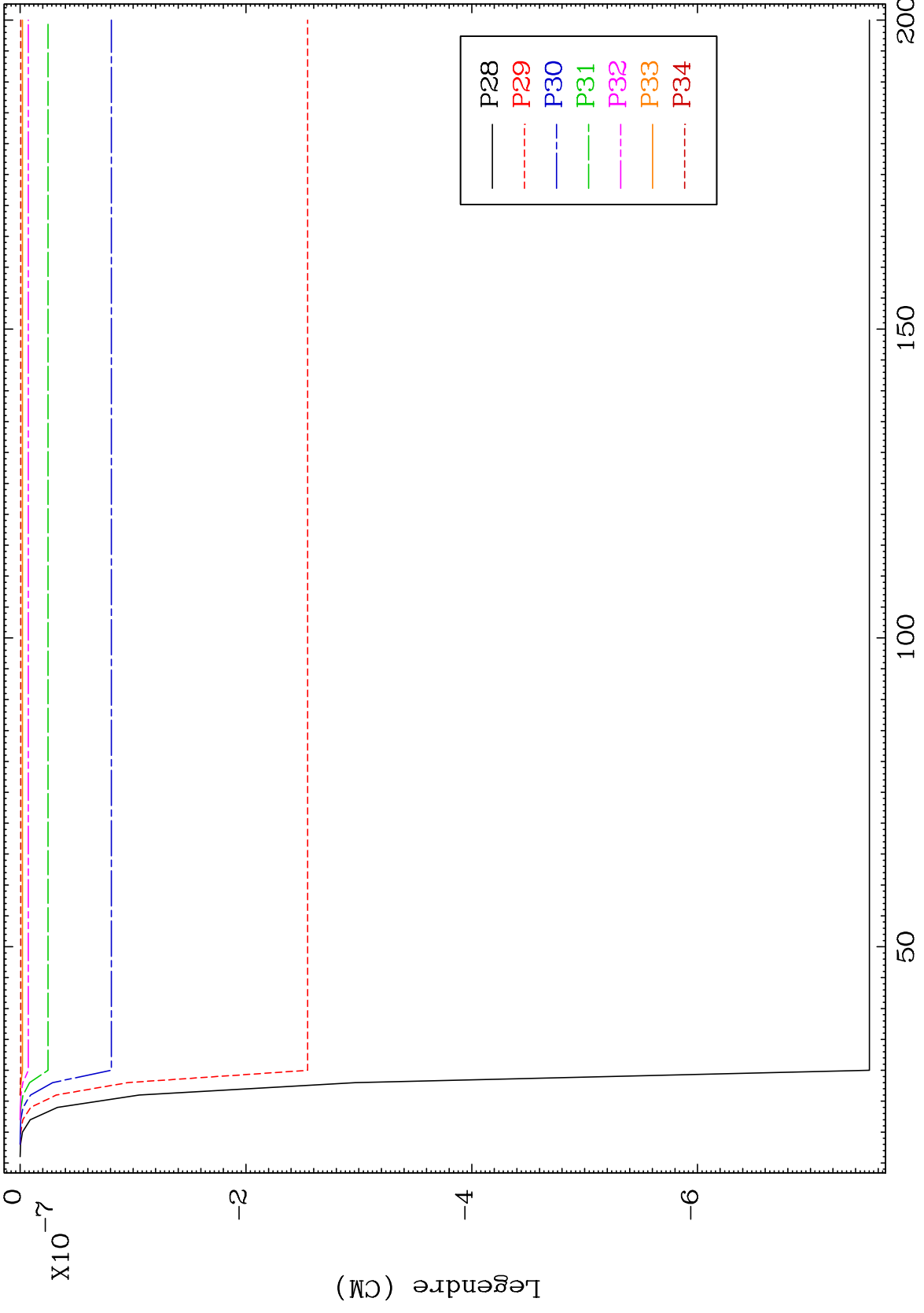
MAT 4052 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-99

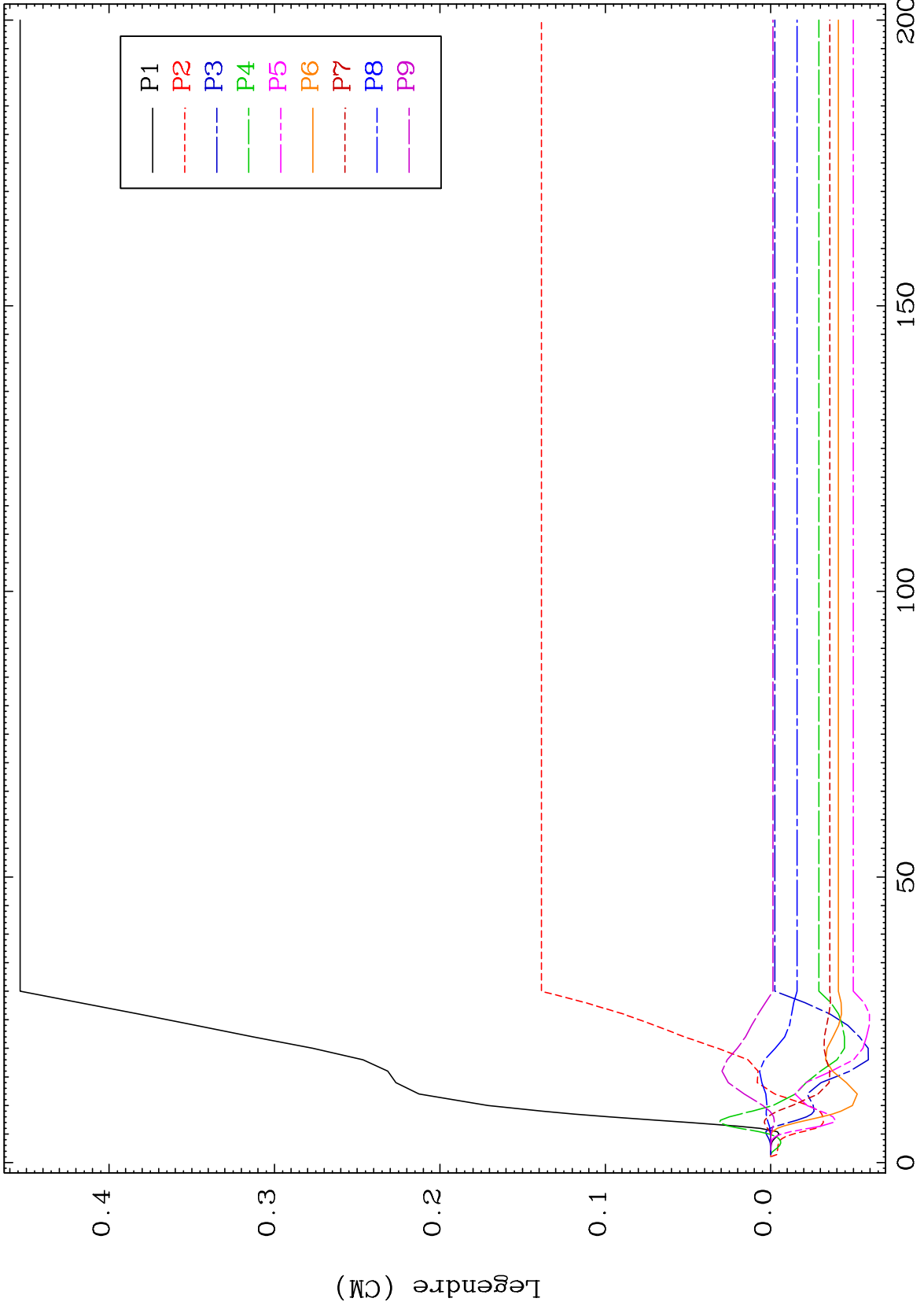


MAT 4052 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-99



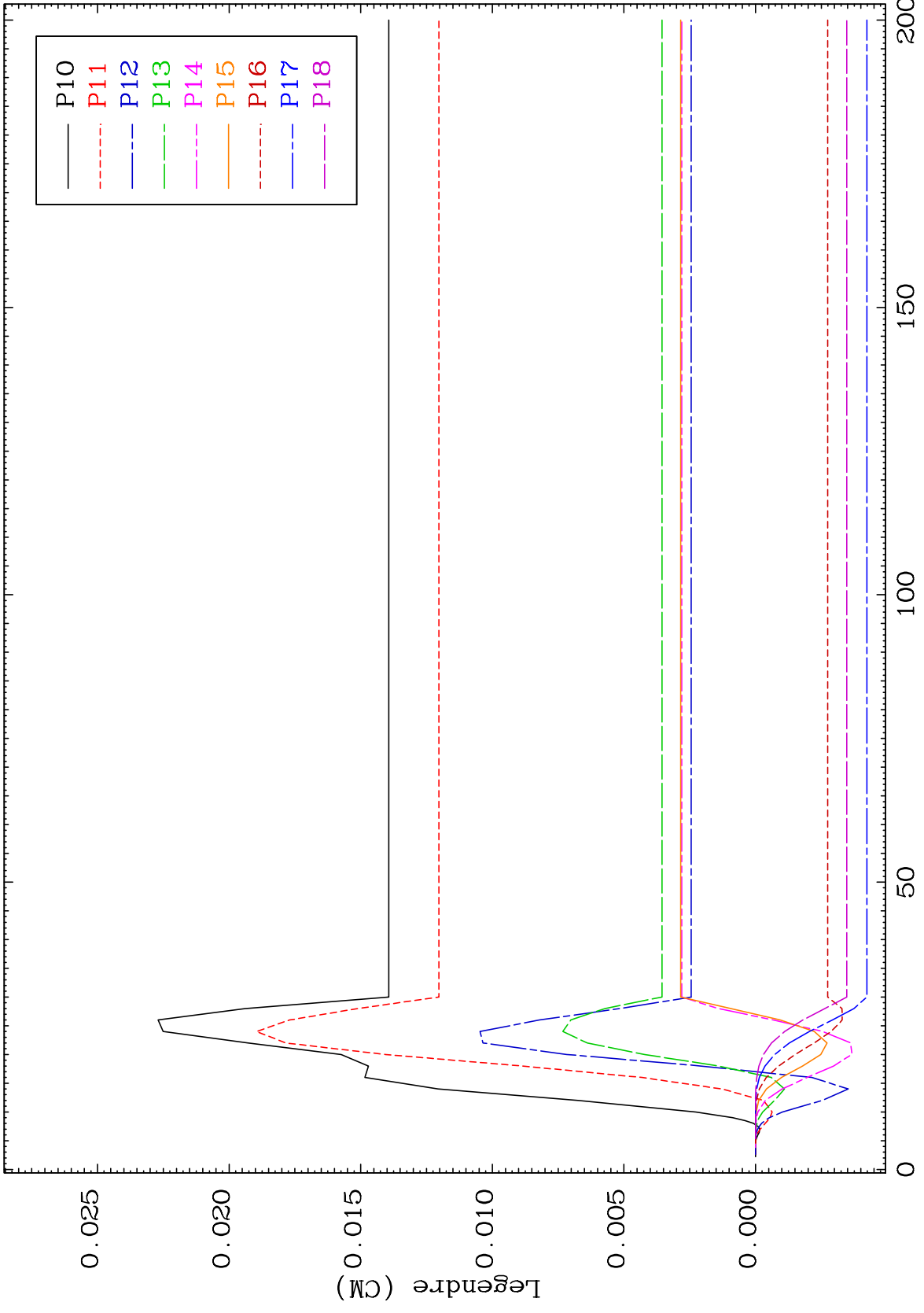
83 40-Zr-99

MAT 4052 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-99



84 40-Zr-99

MAT 4052 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-99

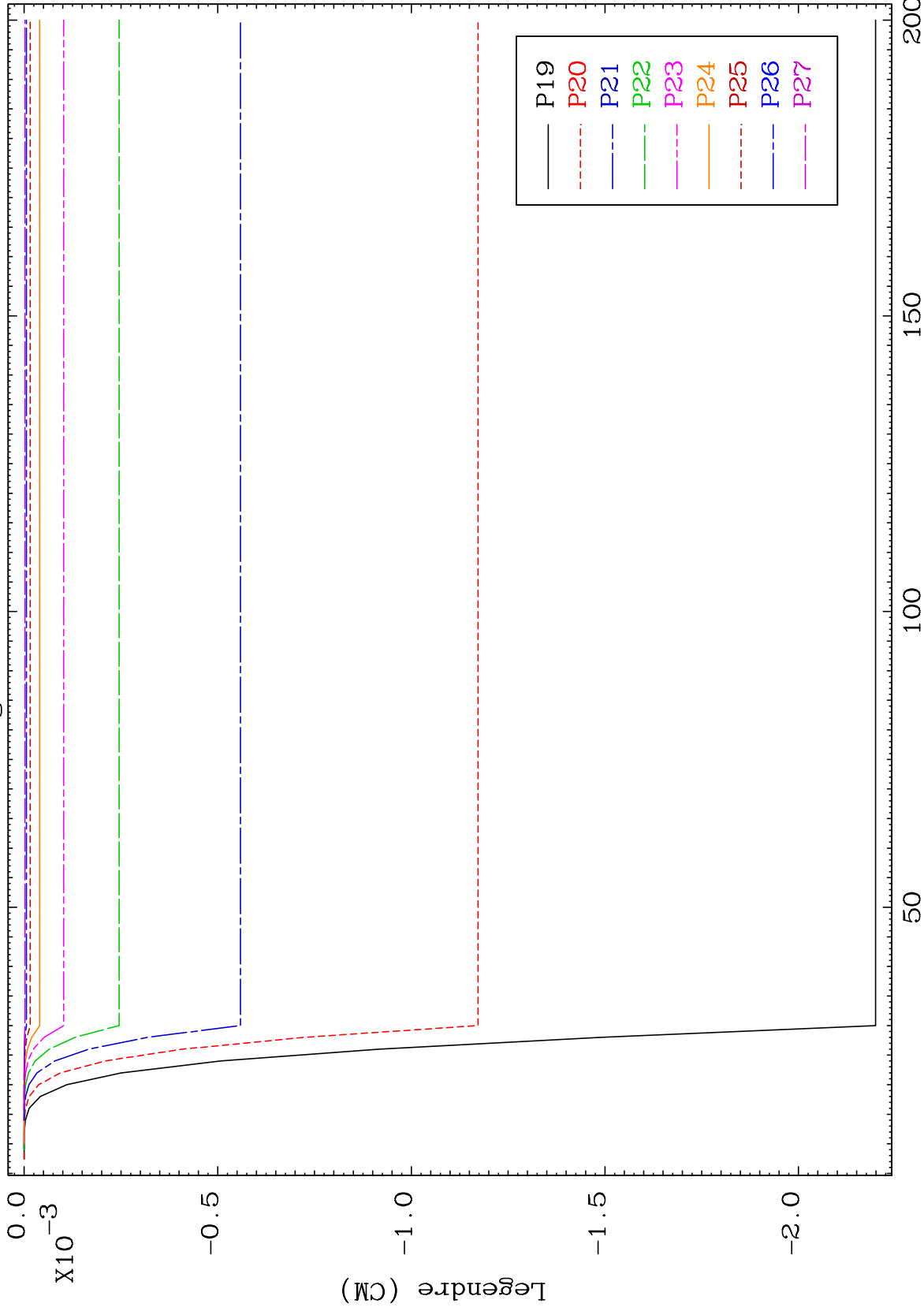


85 Incident Energy (MeV) 40-Zr-99

MAT 4052

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

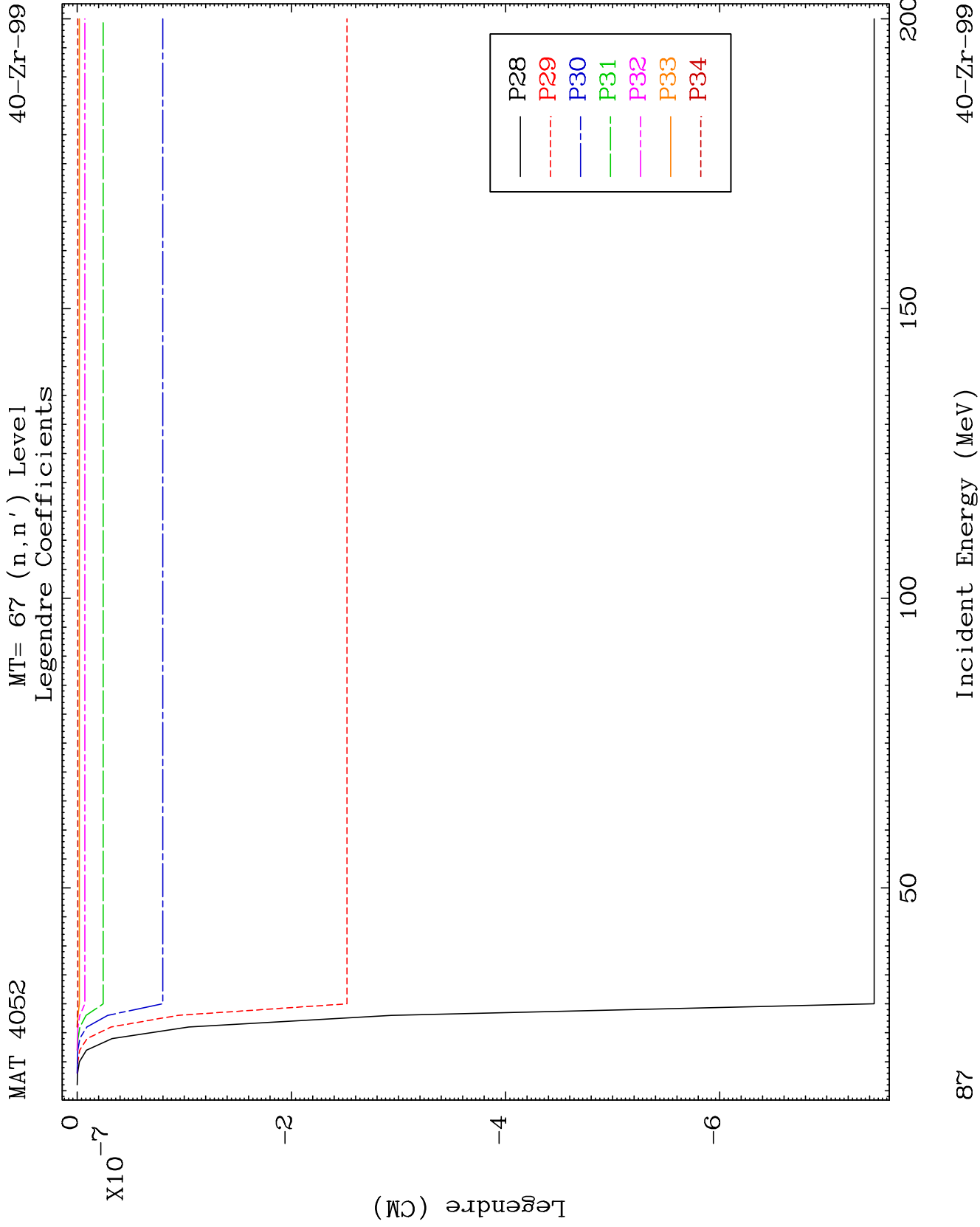
40-Zr-99



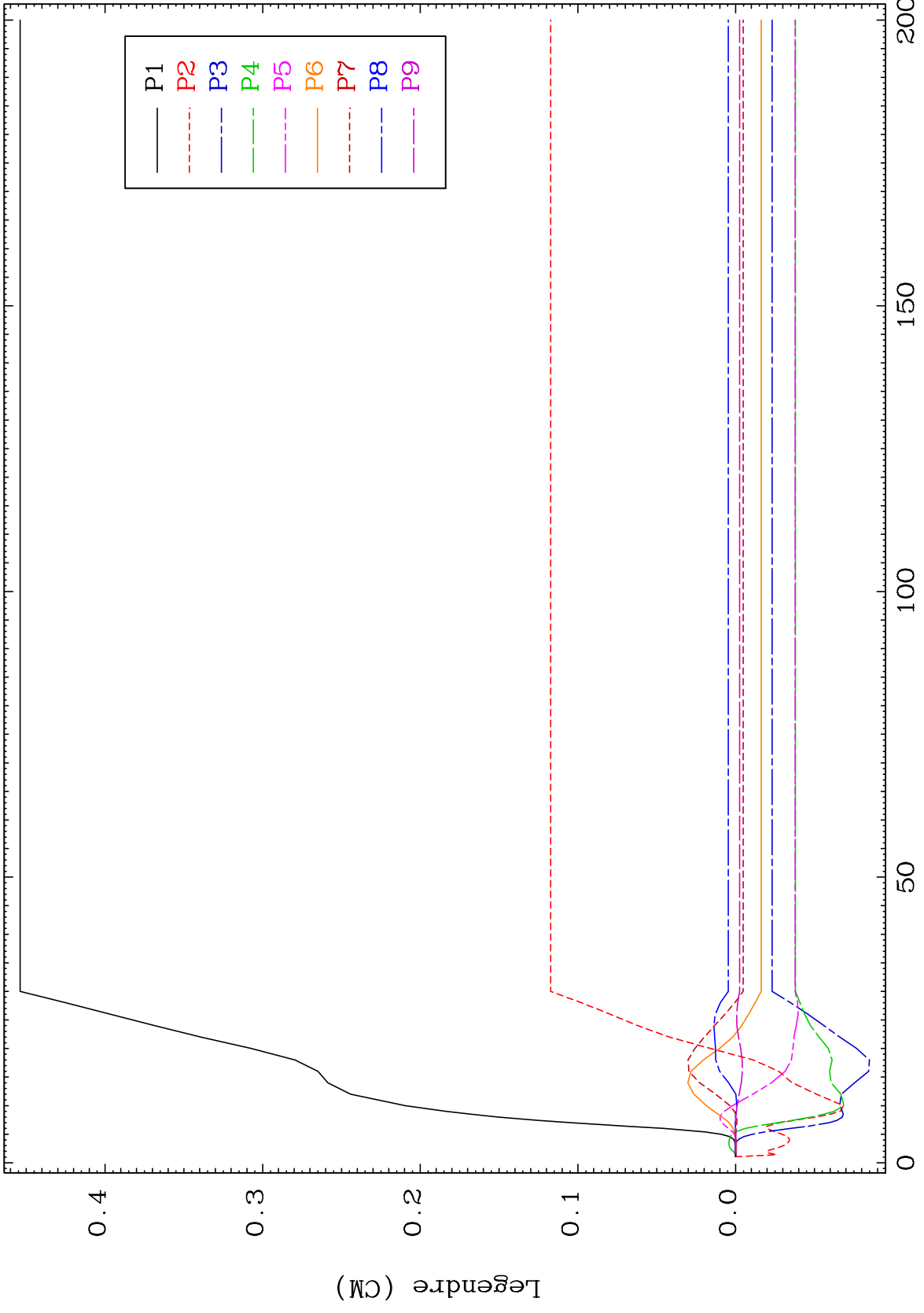
86

Incident Energy (MeV)

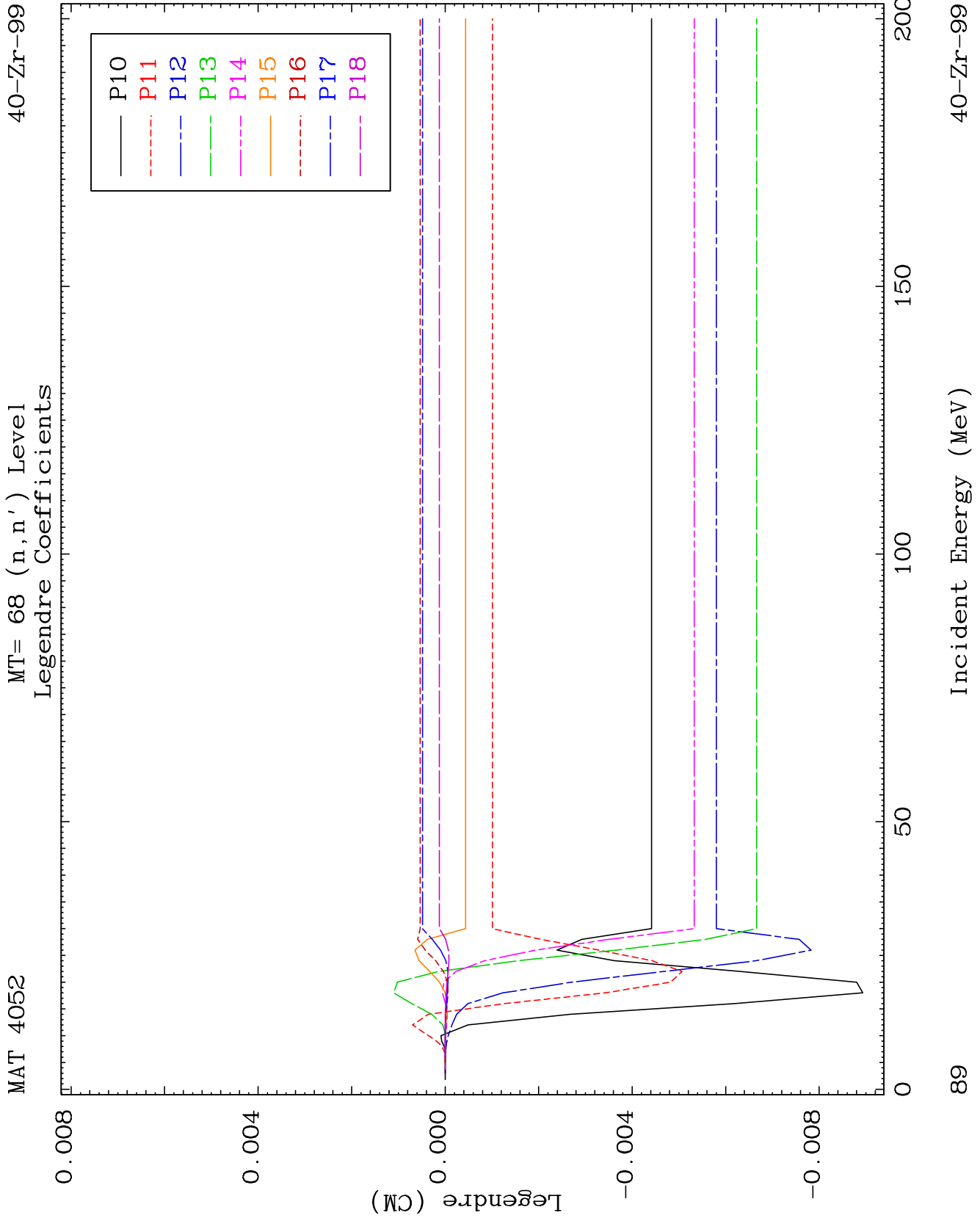
40-Zr-99



MAT 4052 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-99



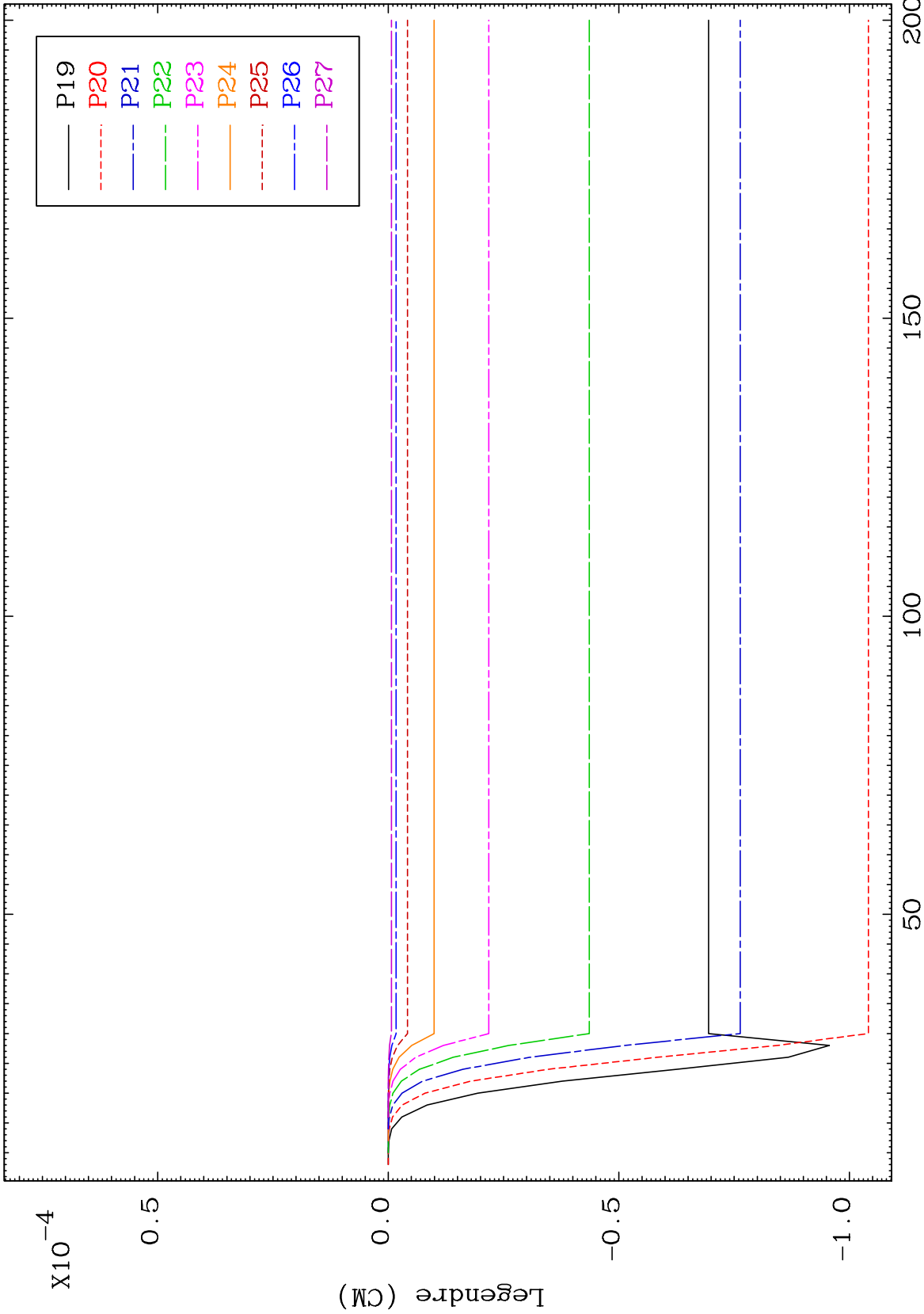
88 40-Zr-99



MAT 4052

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

40-Zr-99

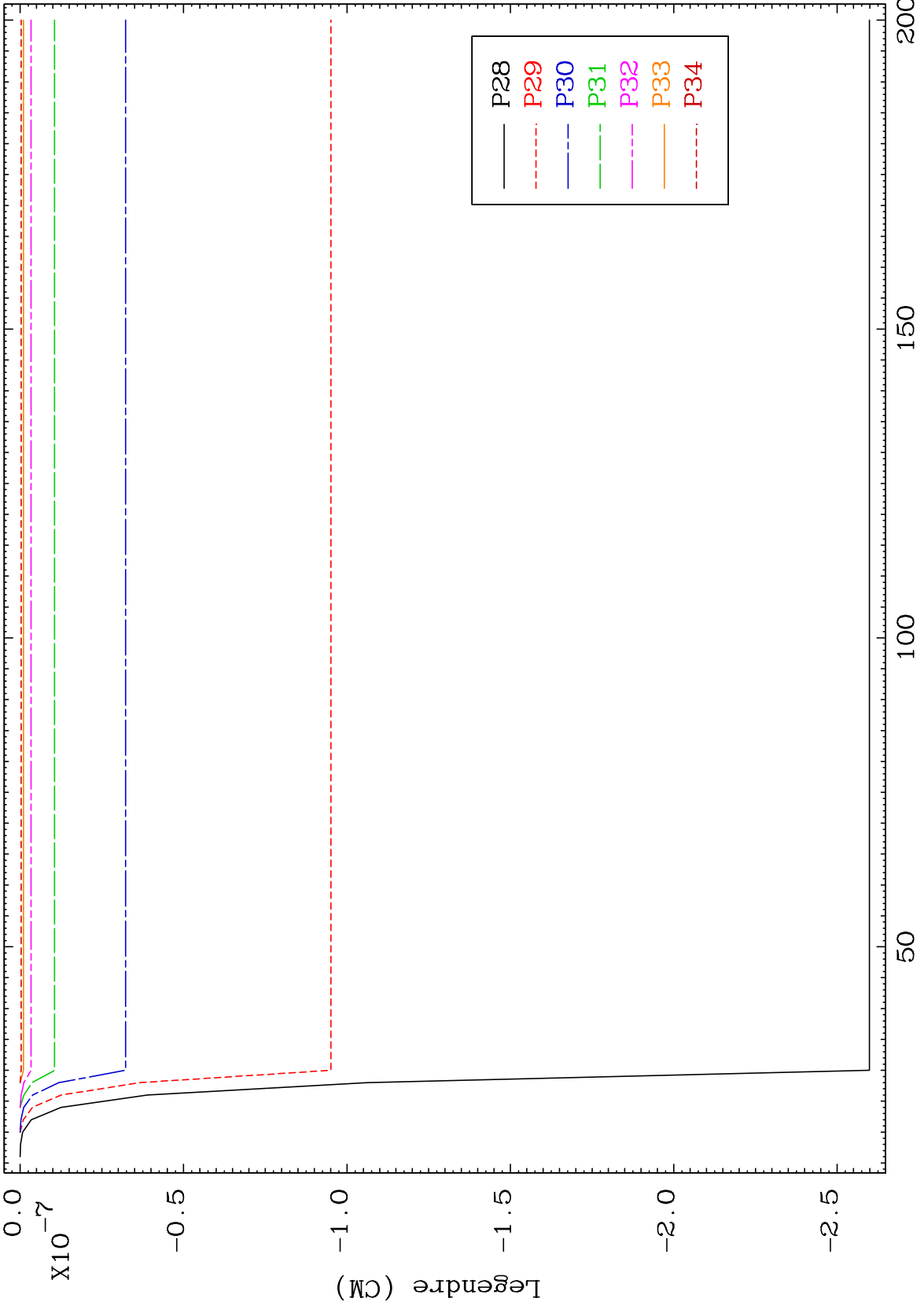


90

Incident Energy (MeV)

40-Zr-99

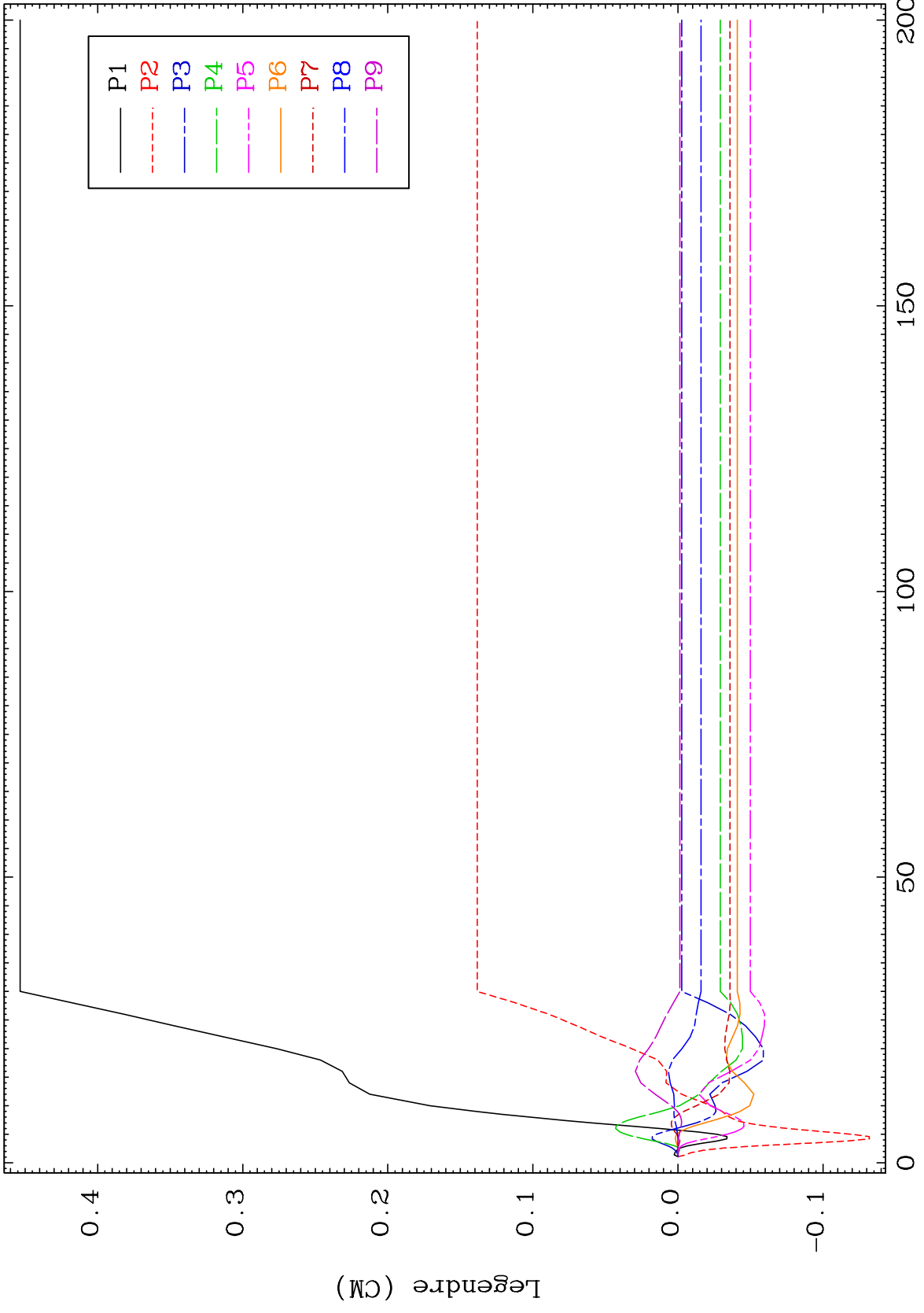
MAT 4052 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

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

40-Zr-99



92

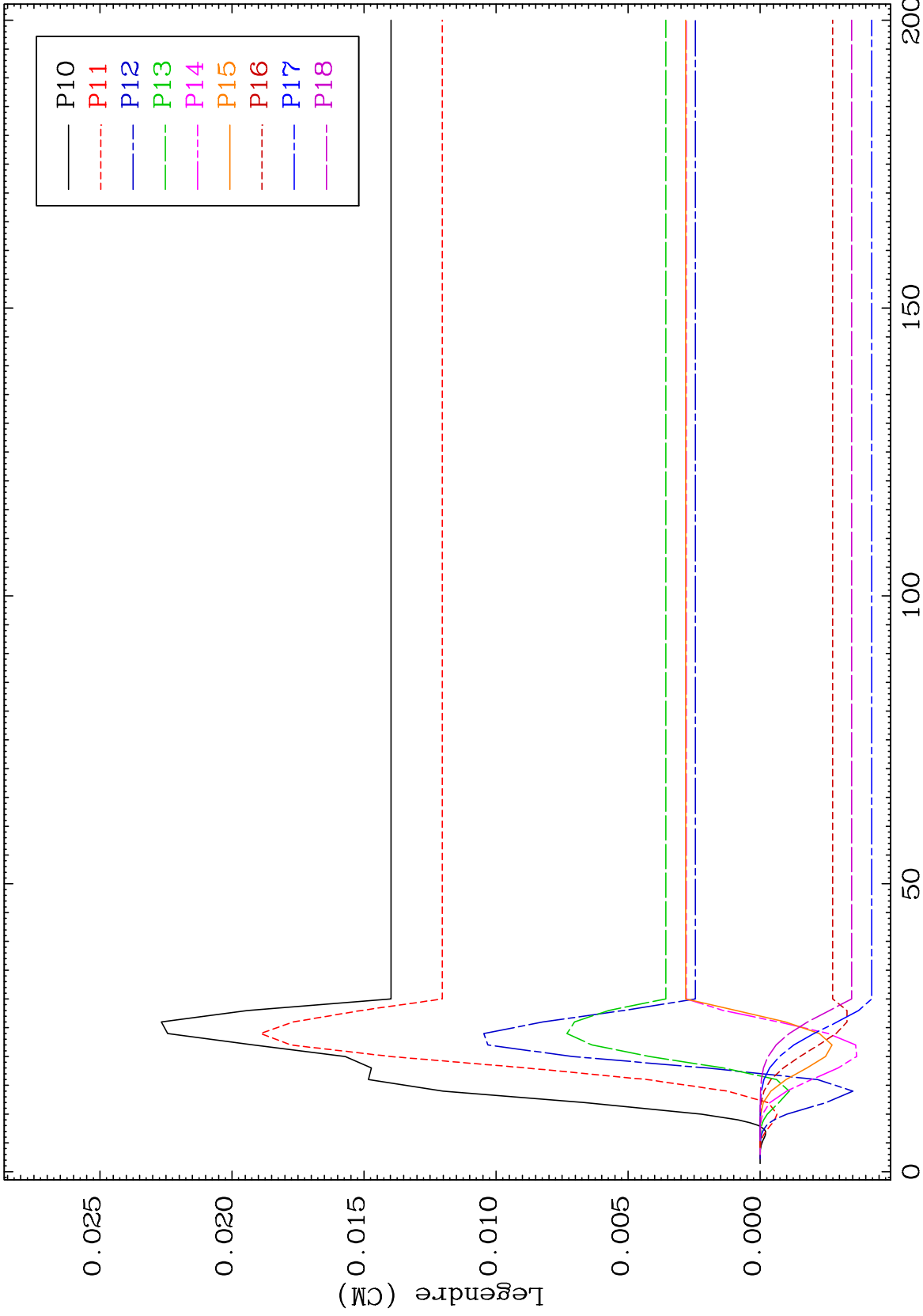
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99

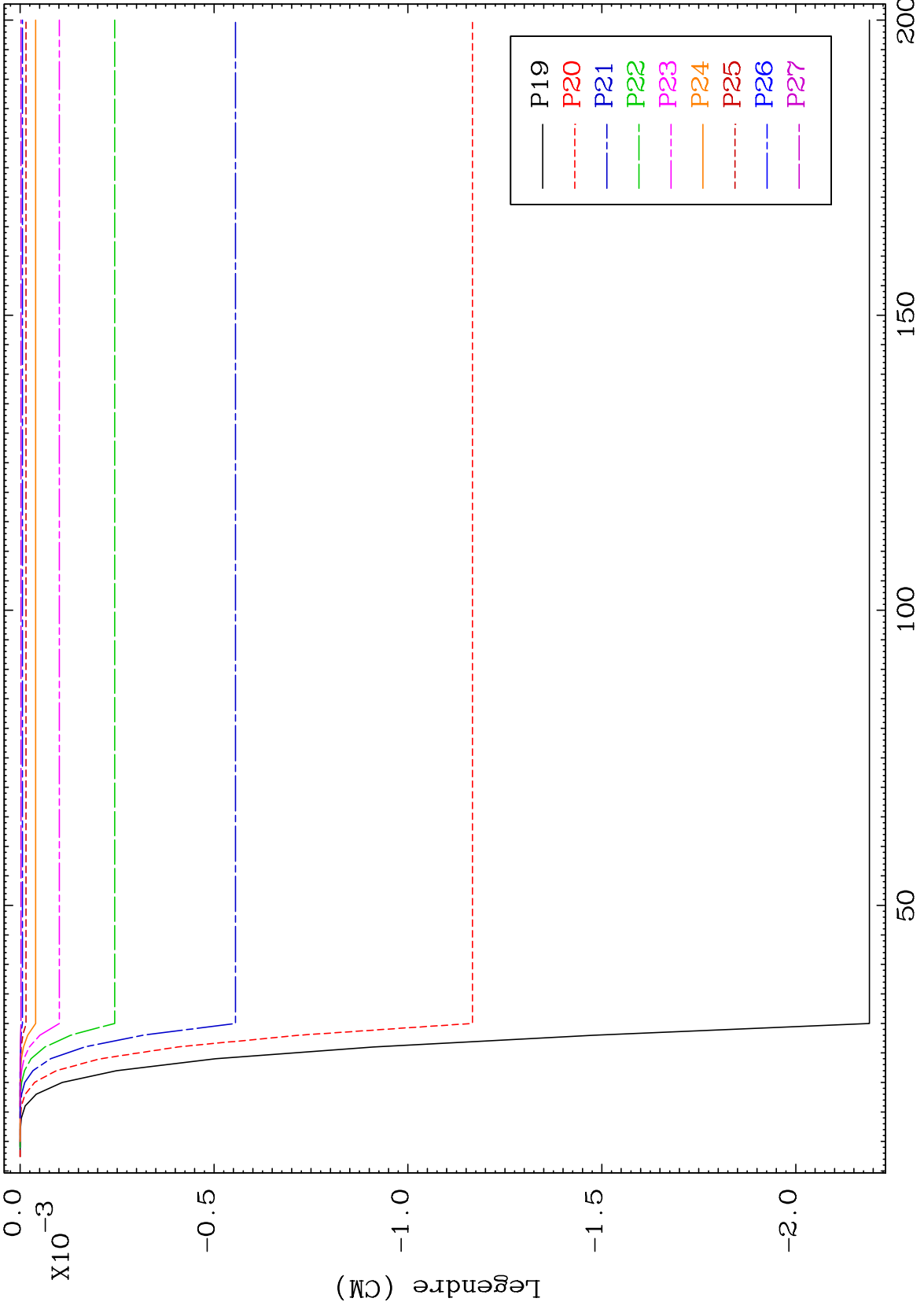


93

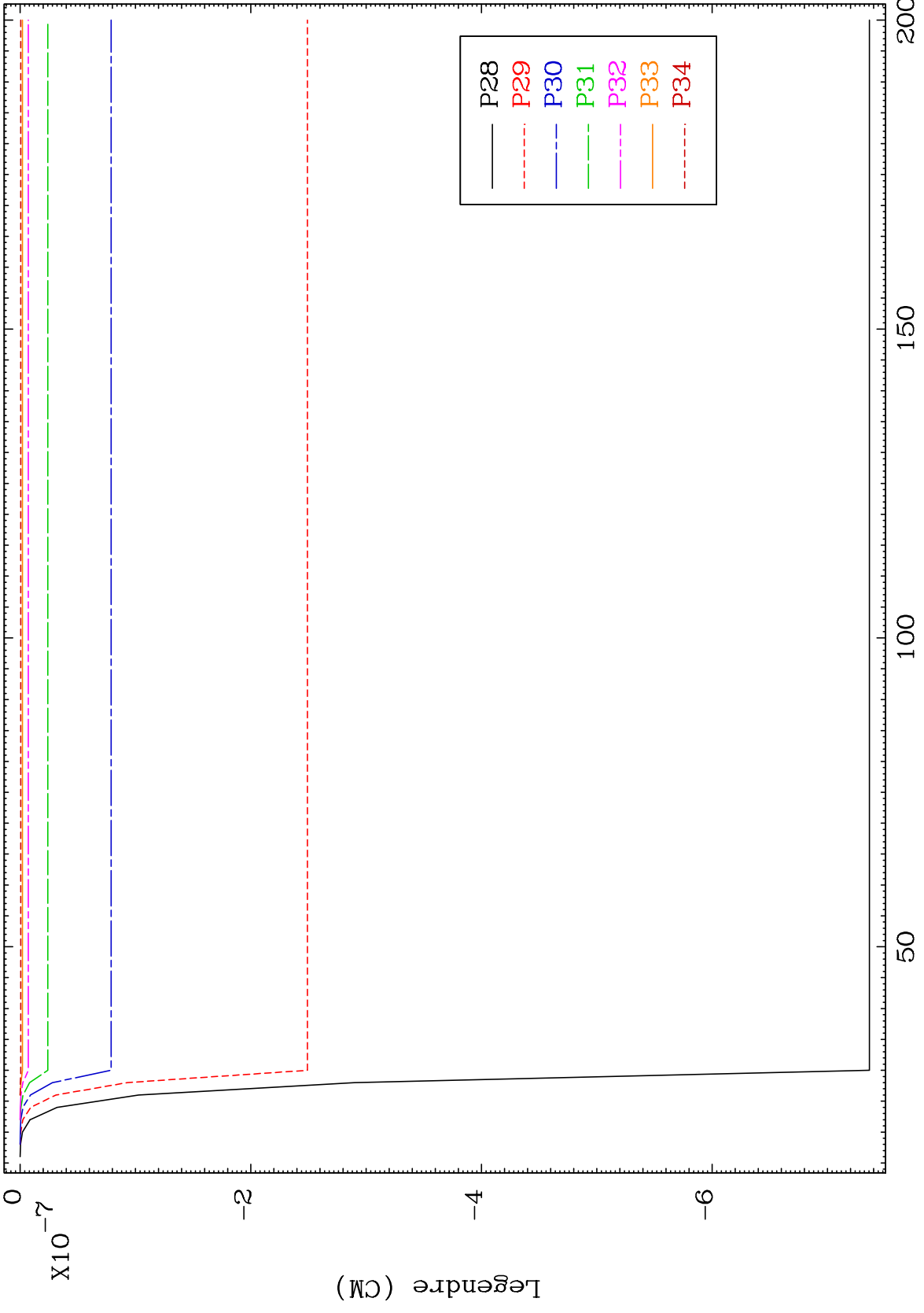
Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-99

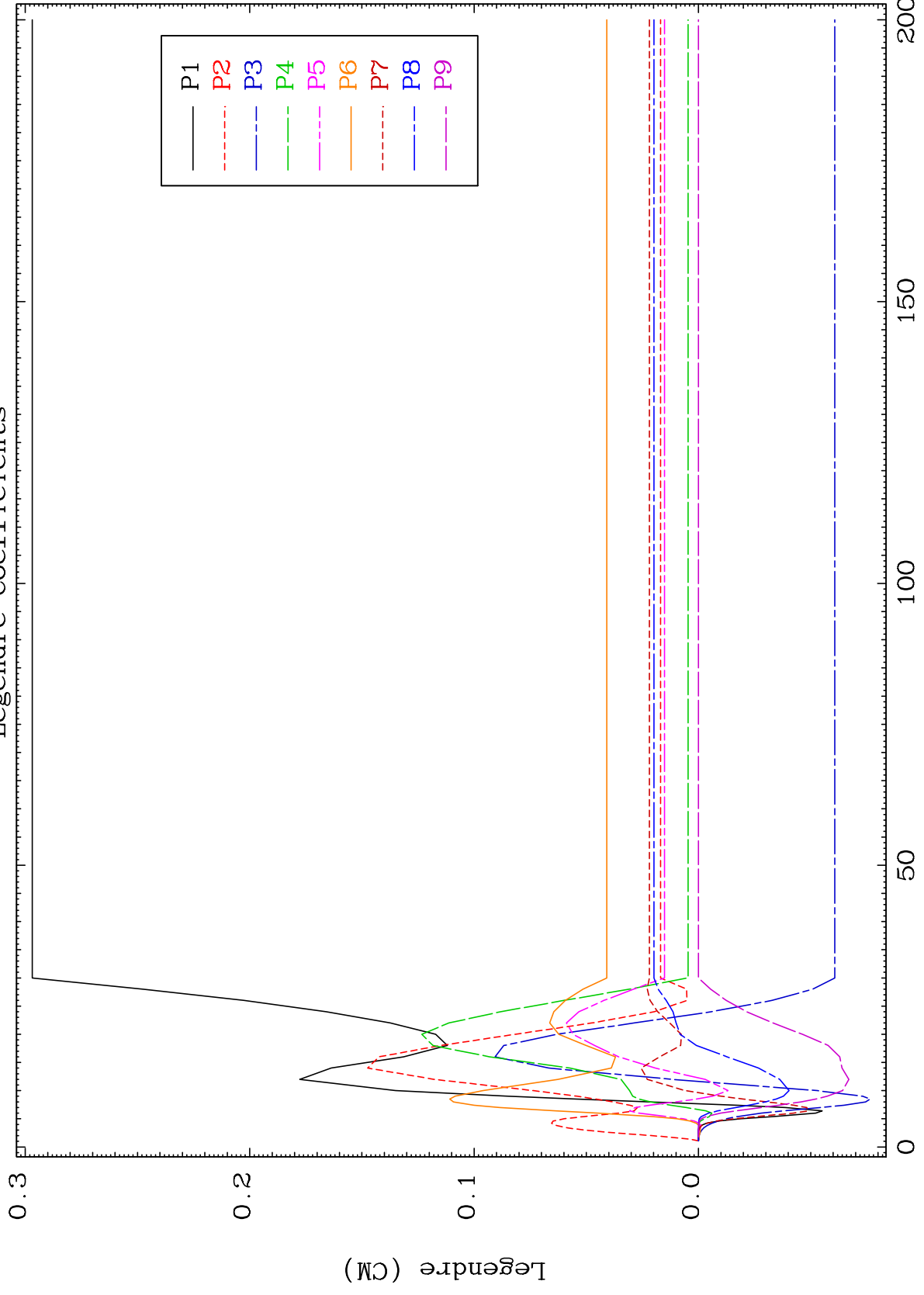


MAT 4052 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-99



95 40-Zr-99

MAT 4052 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-99

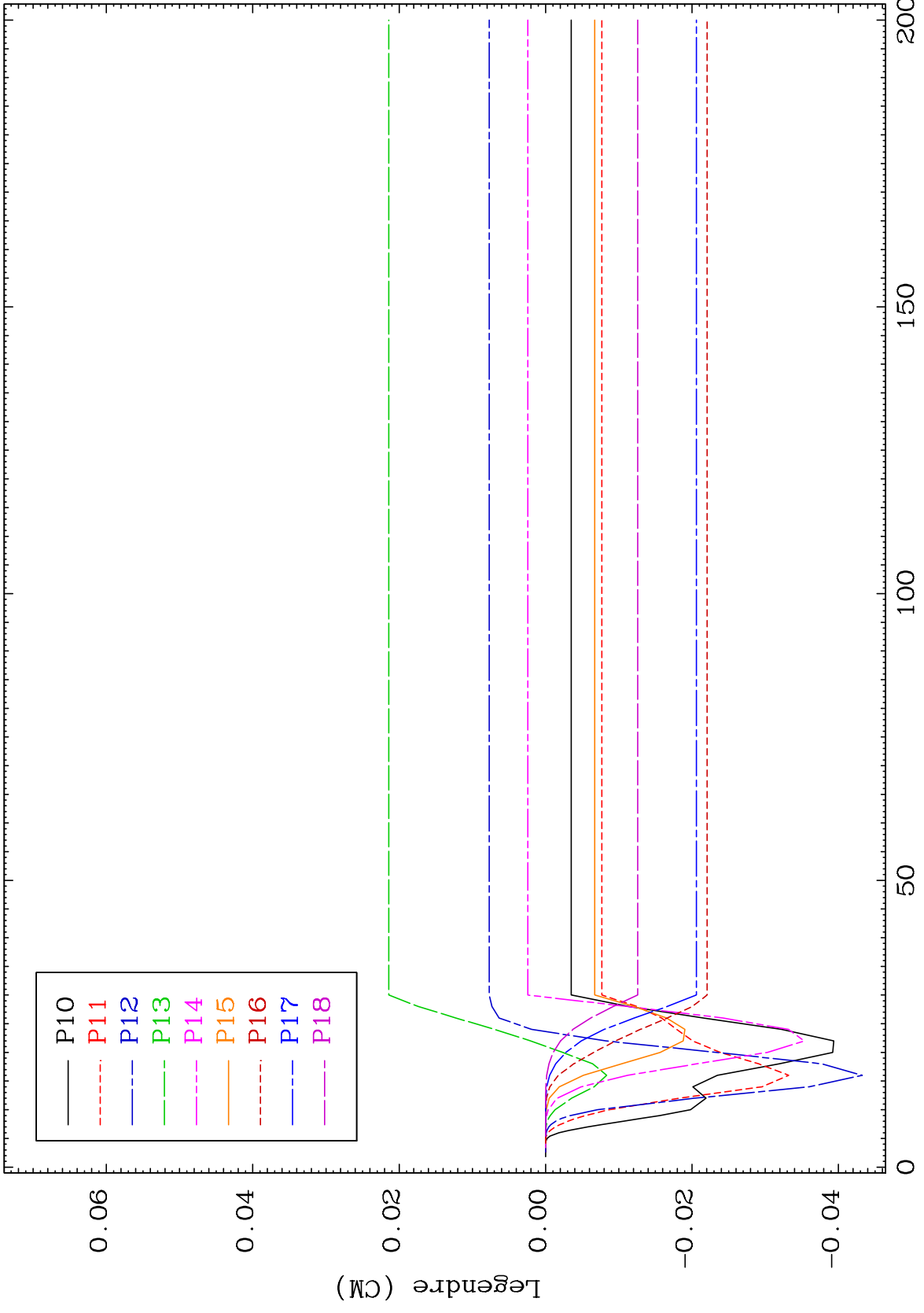


96 40-Zr-99

MAT 4052

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

40-Zr-99

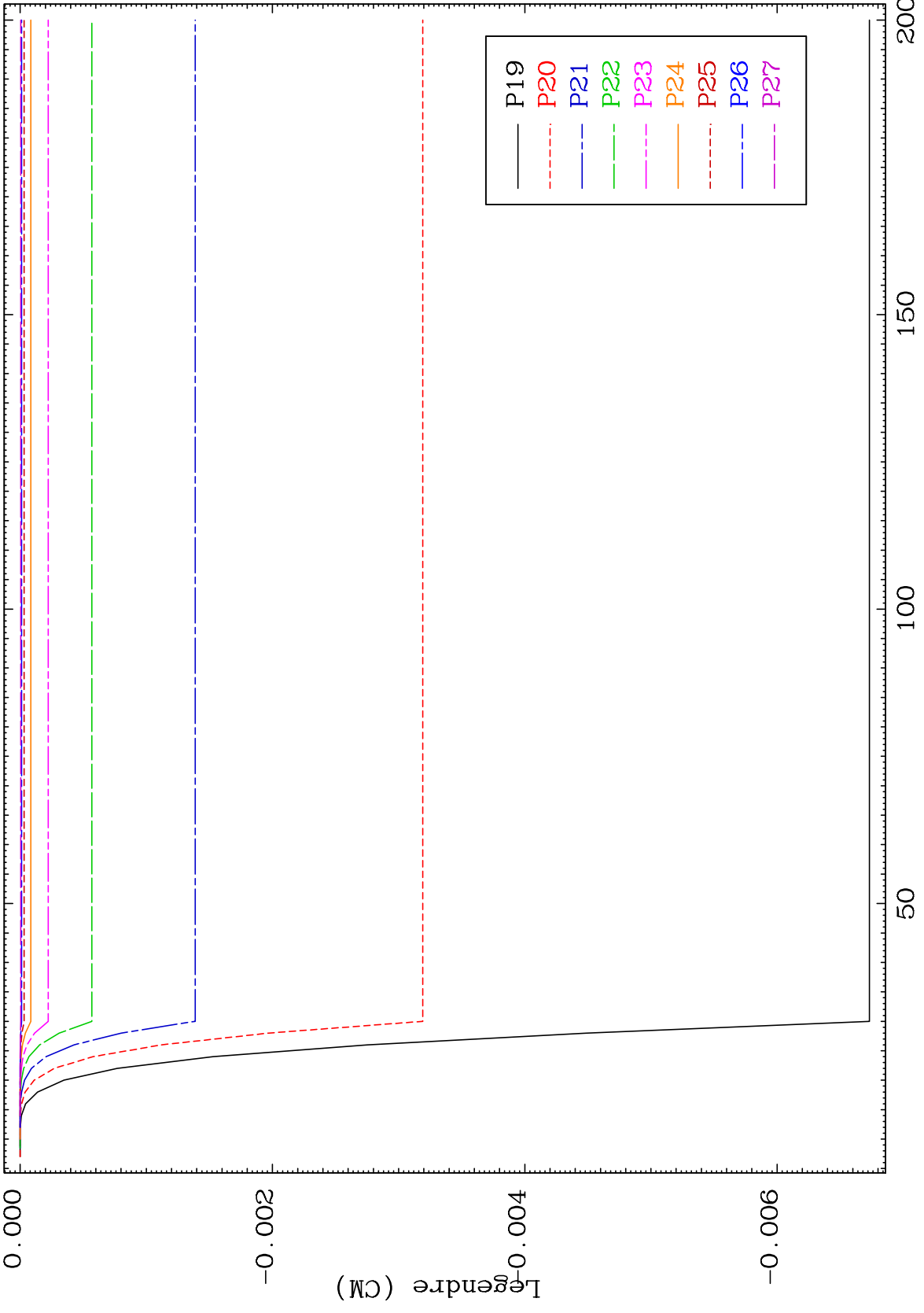


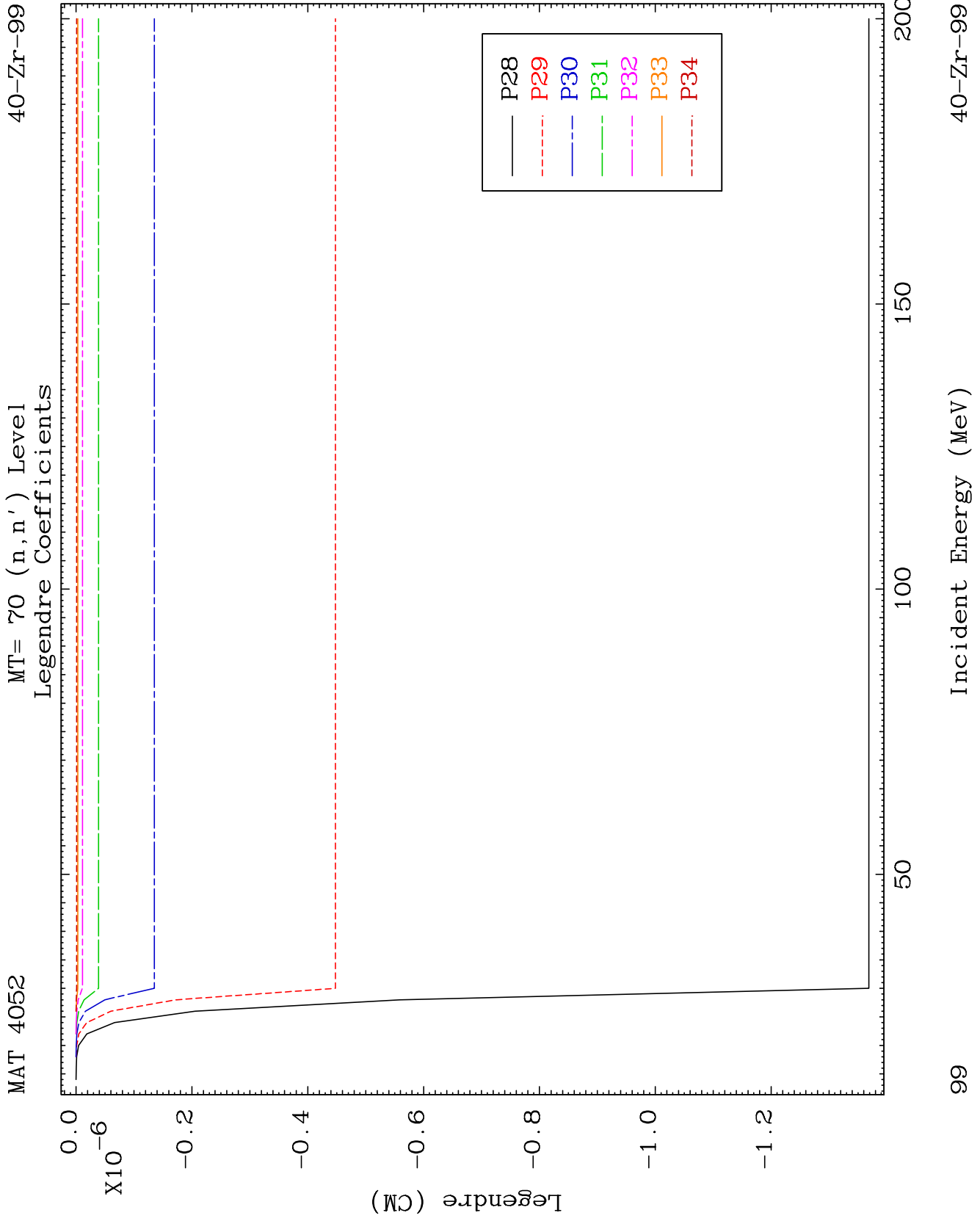
97

Incident Energy (MeV)

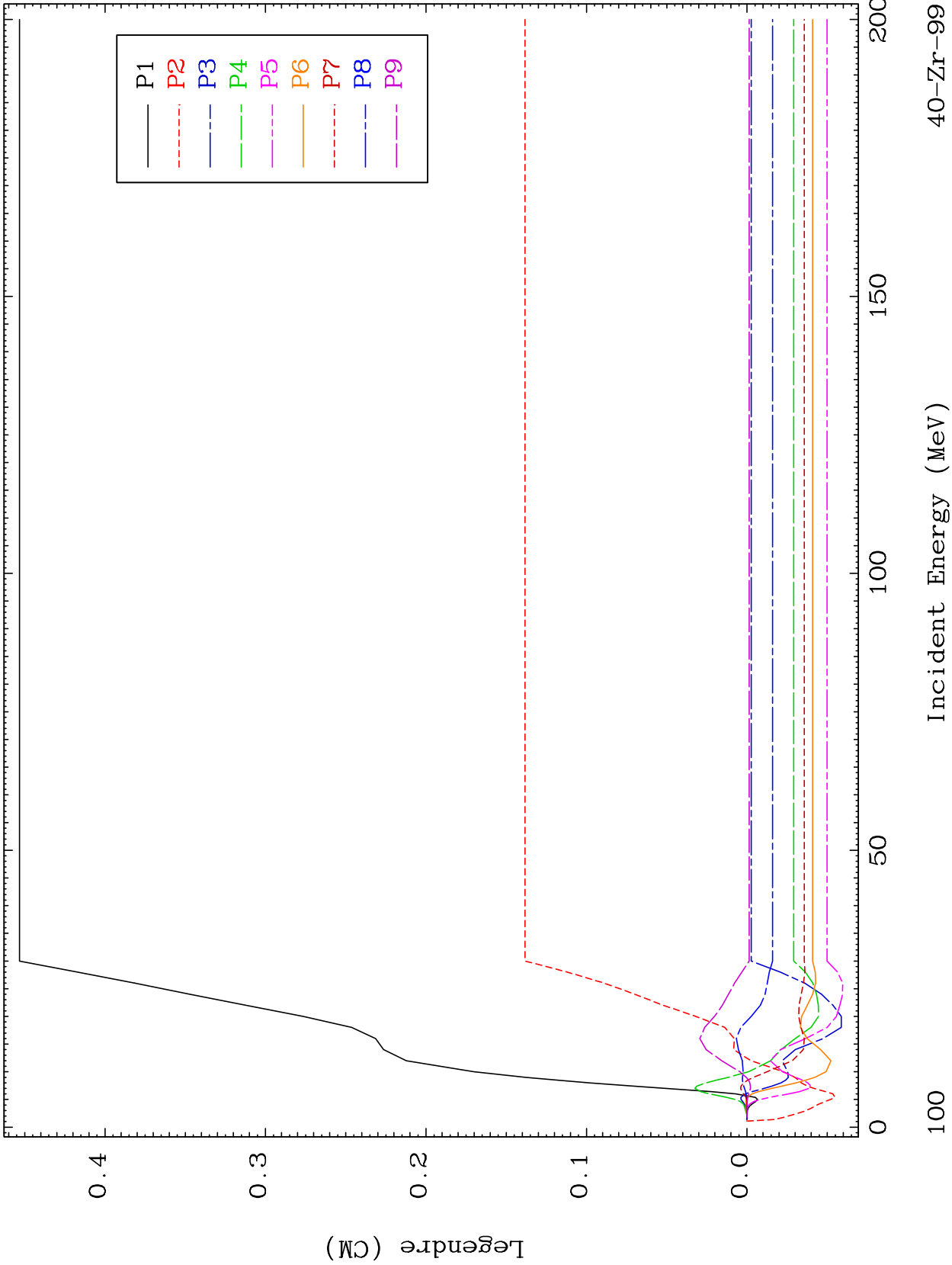
40-Zr-99

MAT 4052 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-99

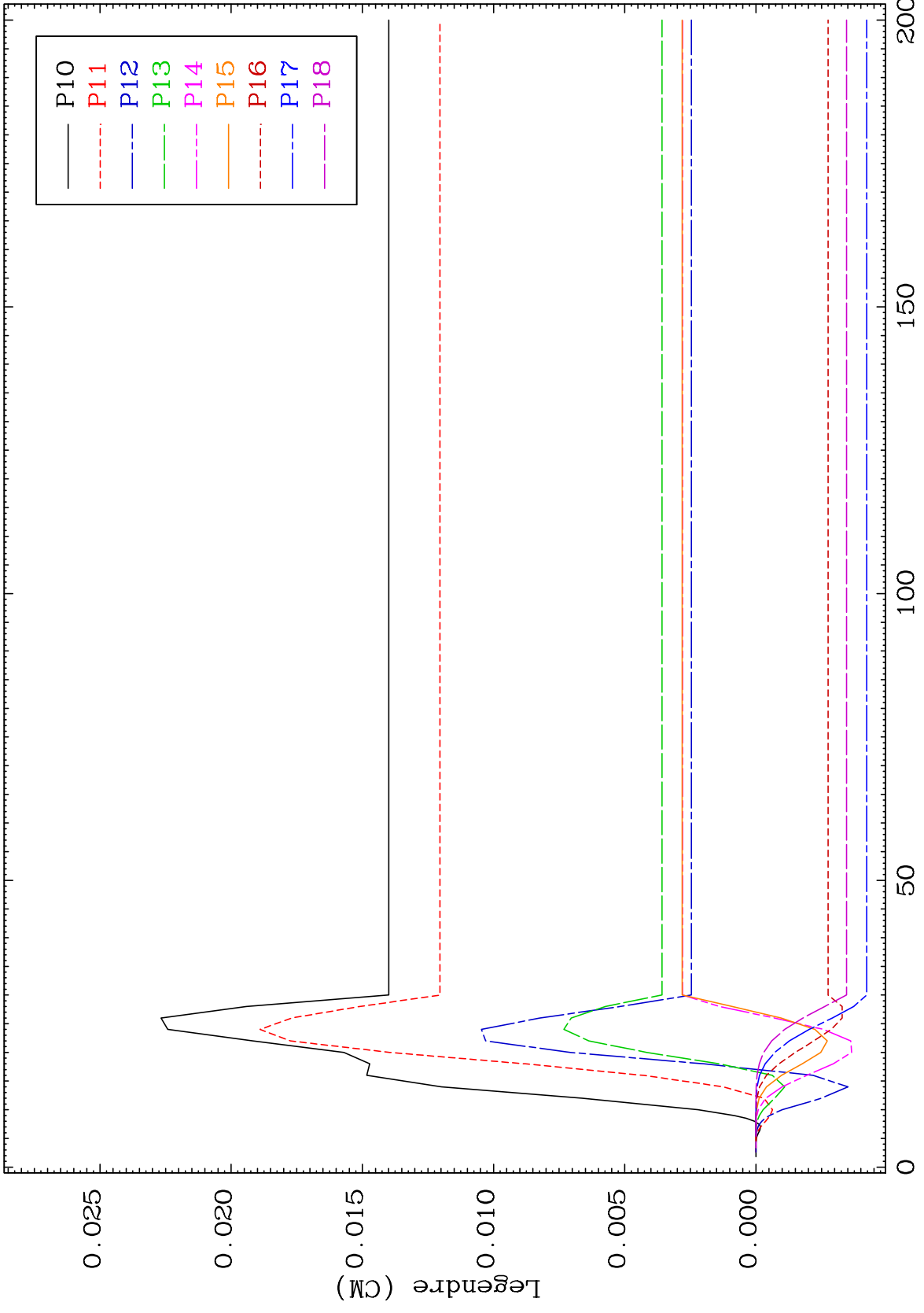




MAT 4052 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-99

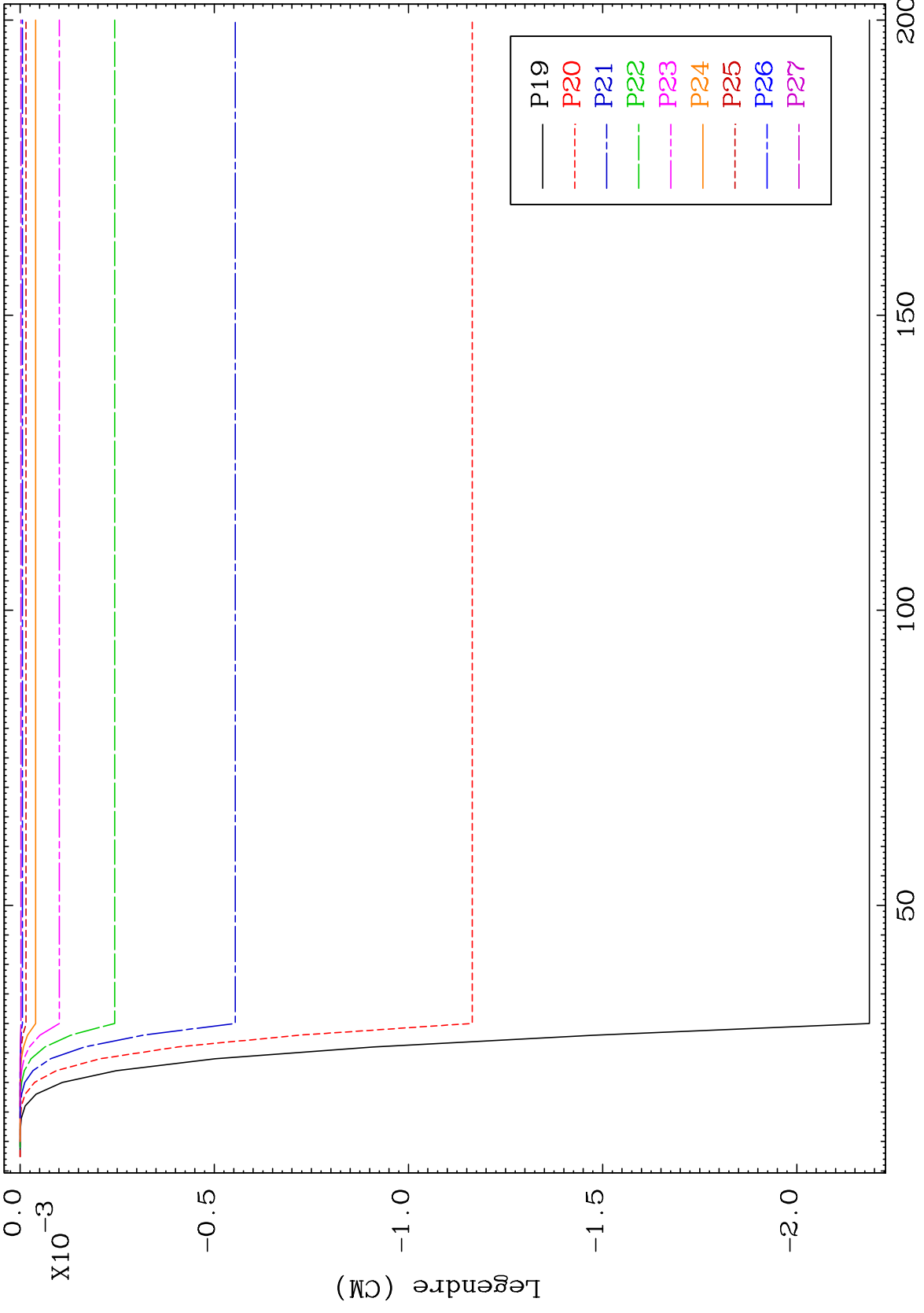


MAT 4052 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-99

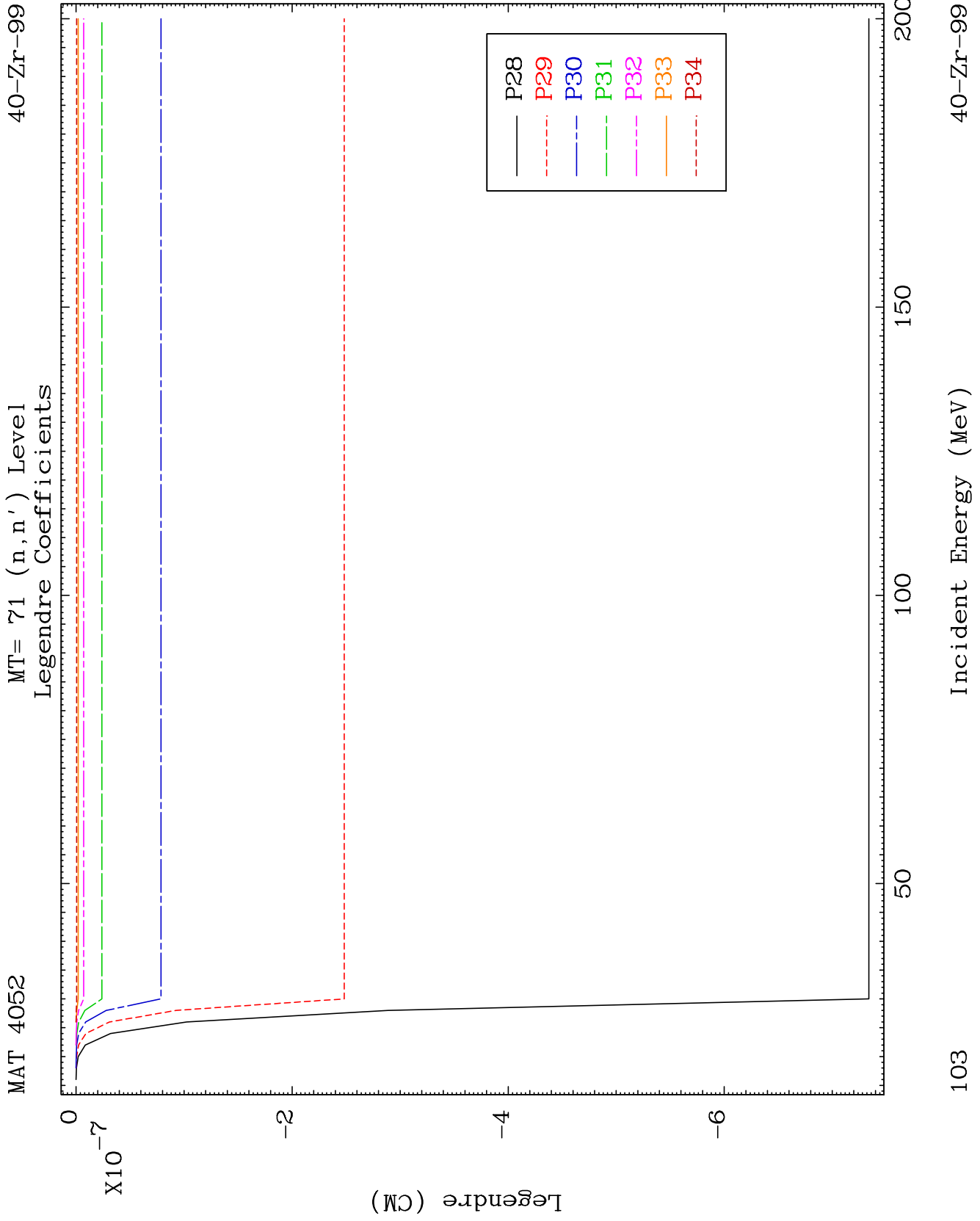


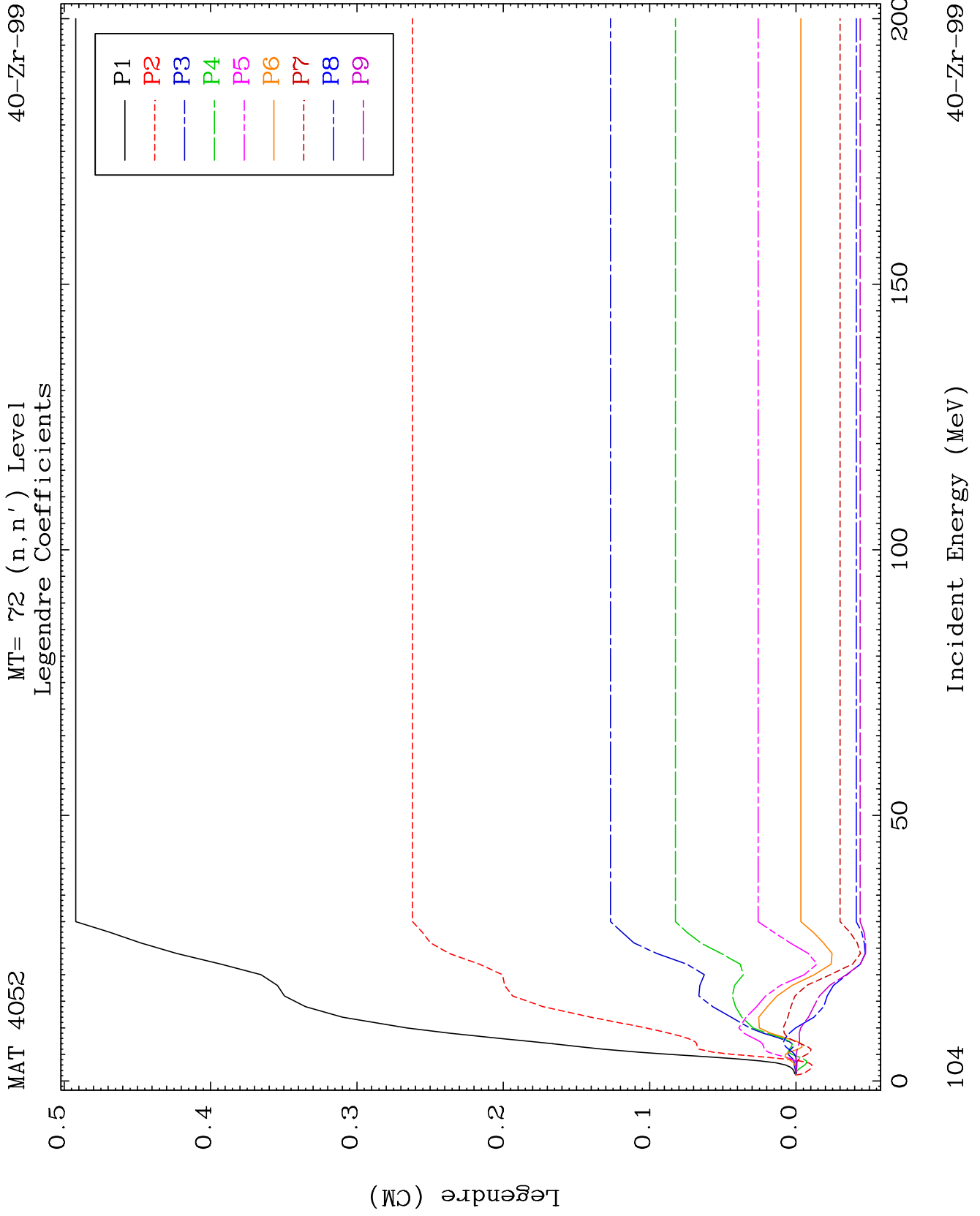
101 40-Zr-99

MAT 4052 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-99

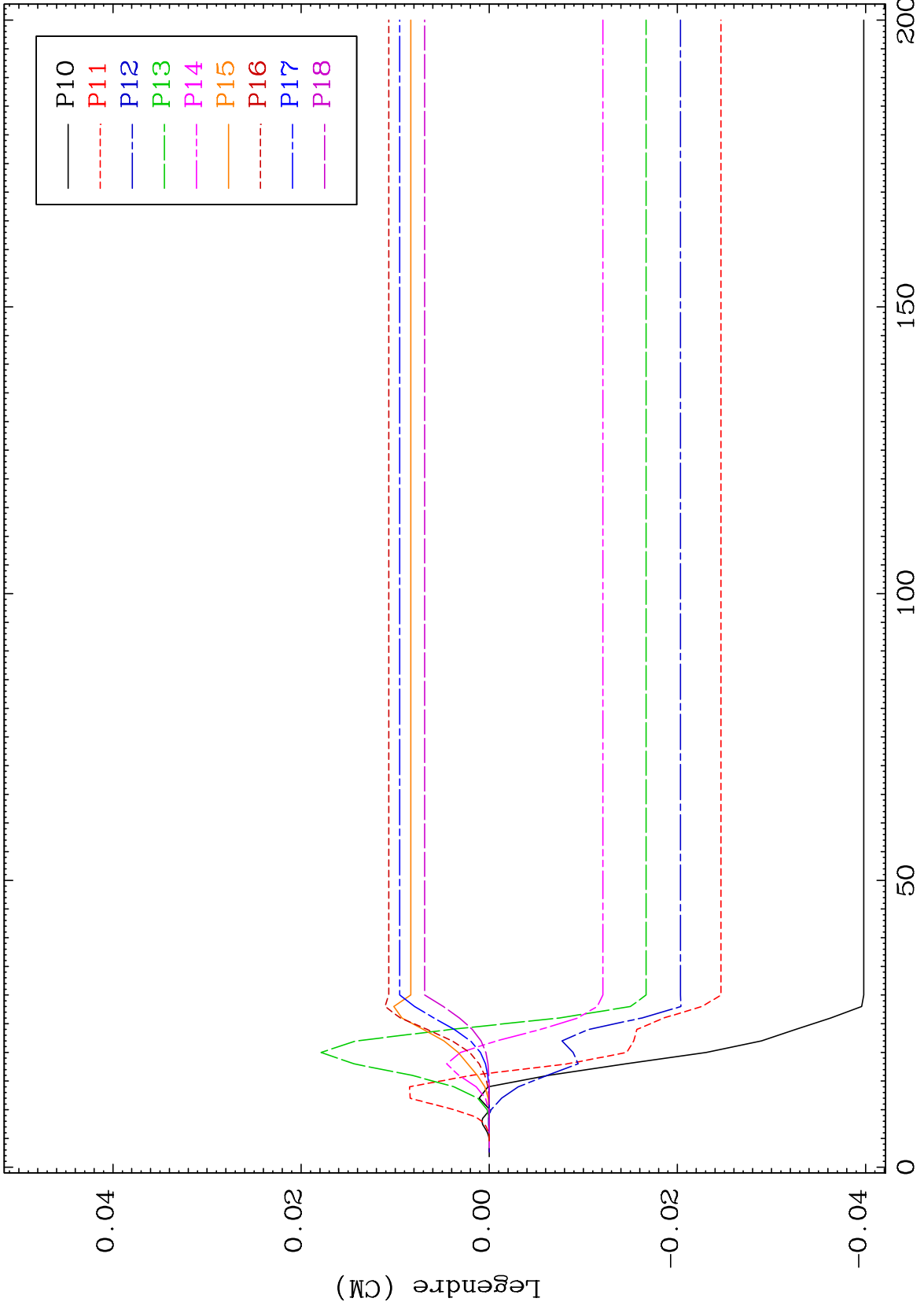


102 Incident Energy (MeV) 40-Zr-99



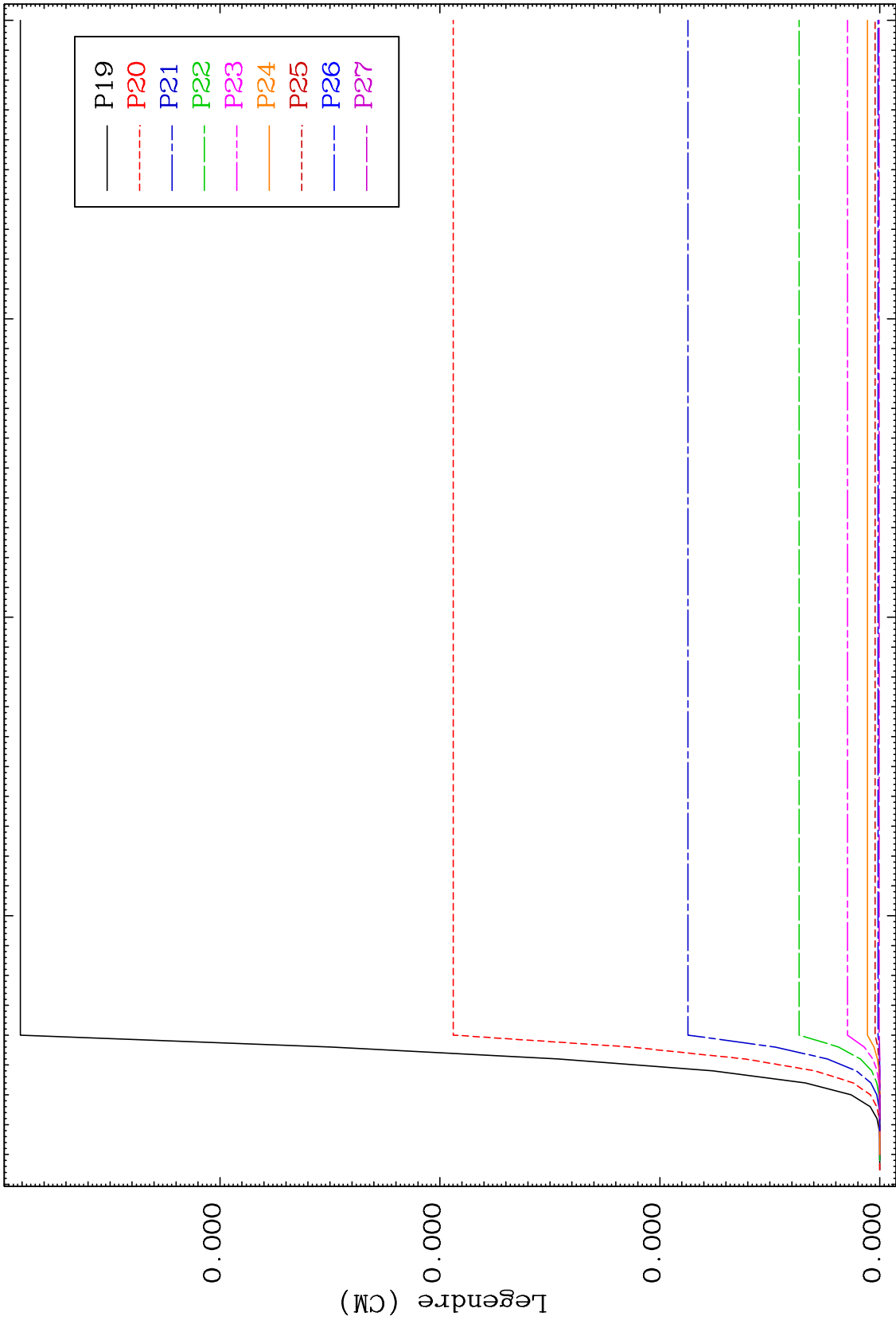


MAT 4052 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-99



Legendre (CM) Incident Energy (MeV) 40-Zr-99

MAT 4052 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-99

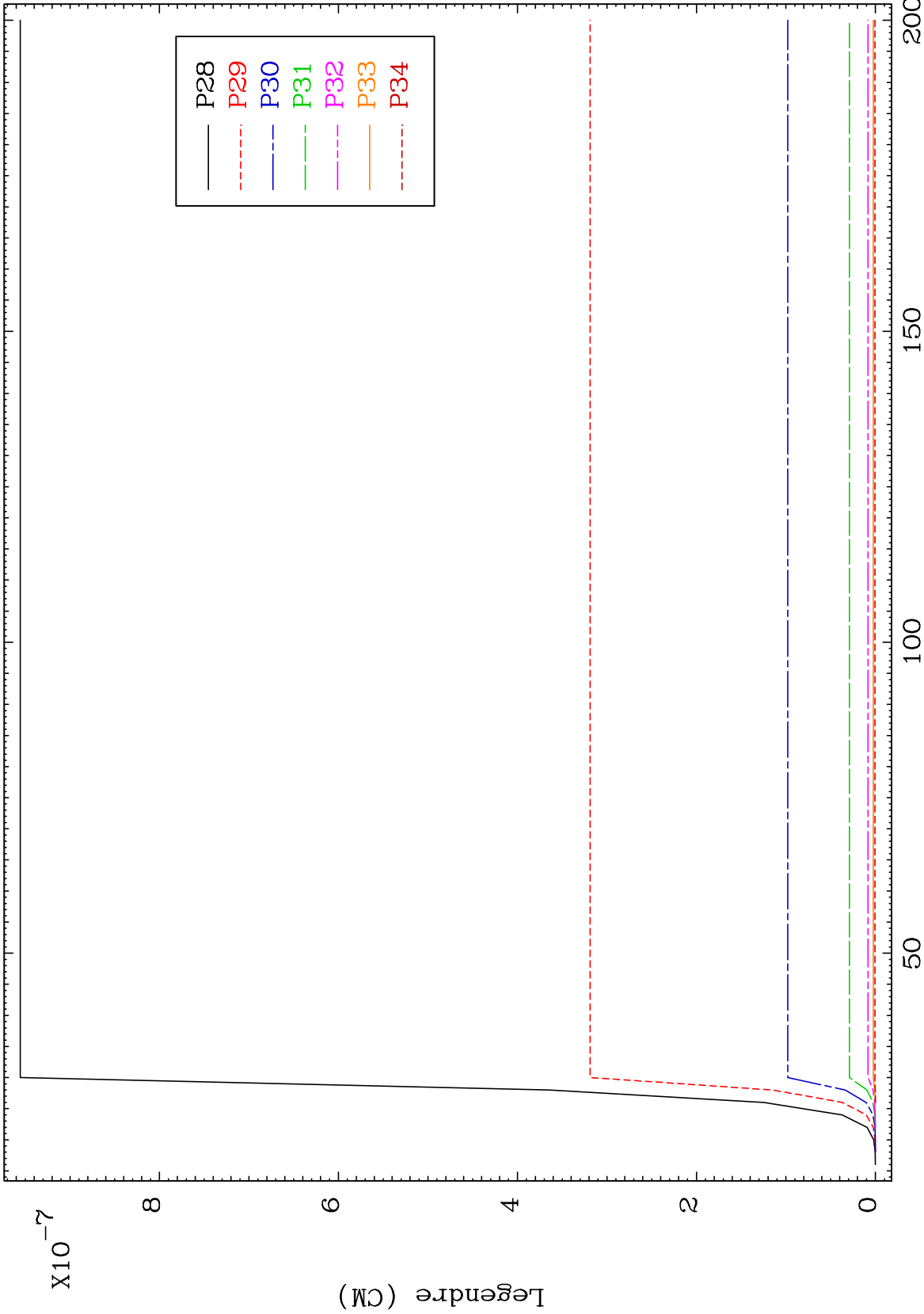


106 Incident Energy (MeV) 40-Zr-99

MAT 4052

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

40-Zr-99



107

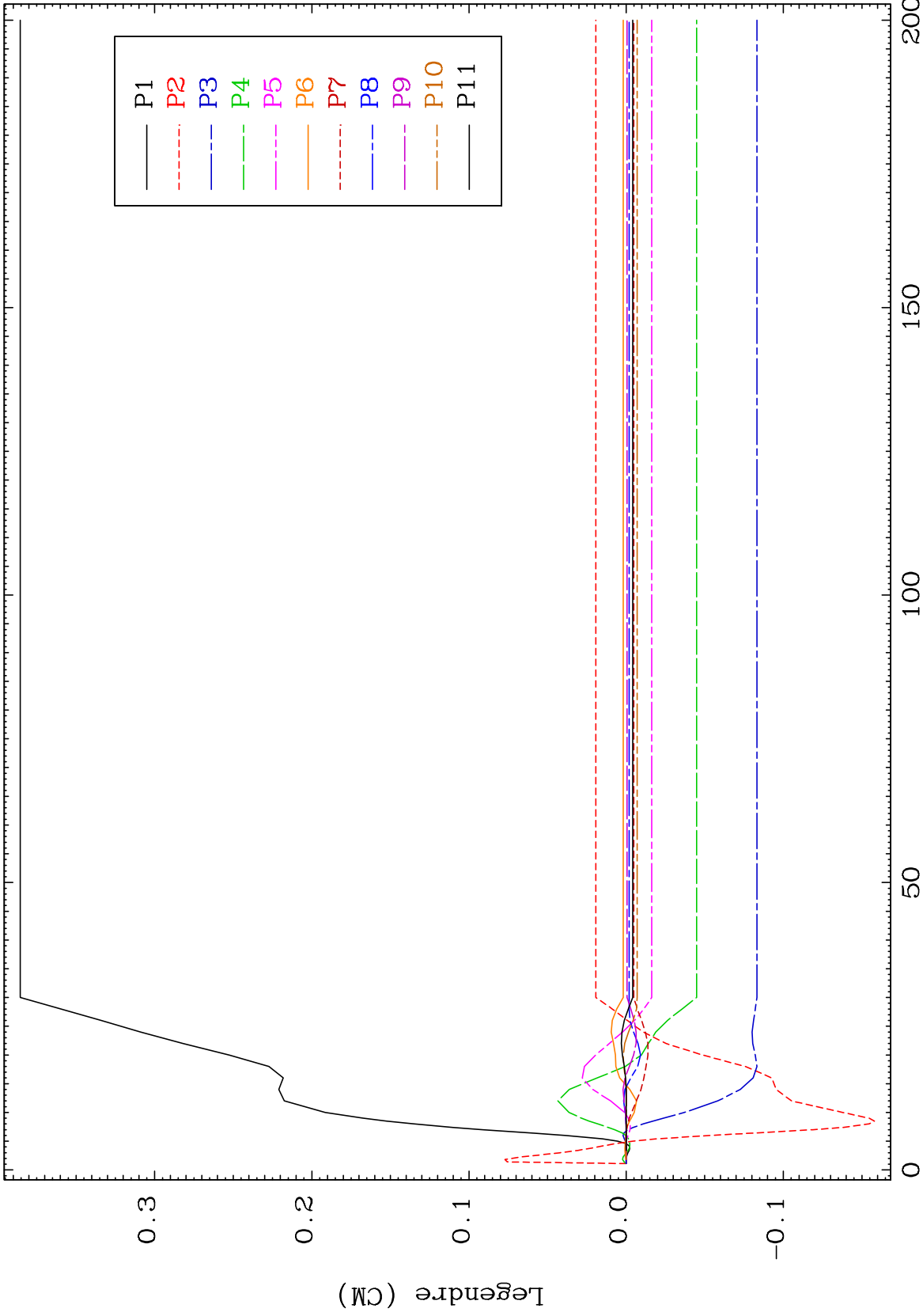
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

40-Zr-99

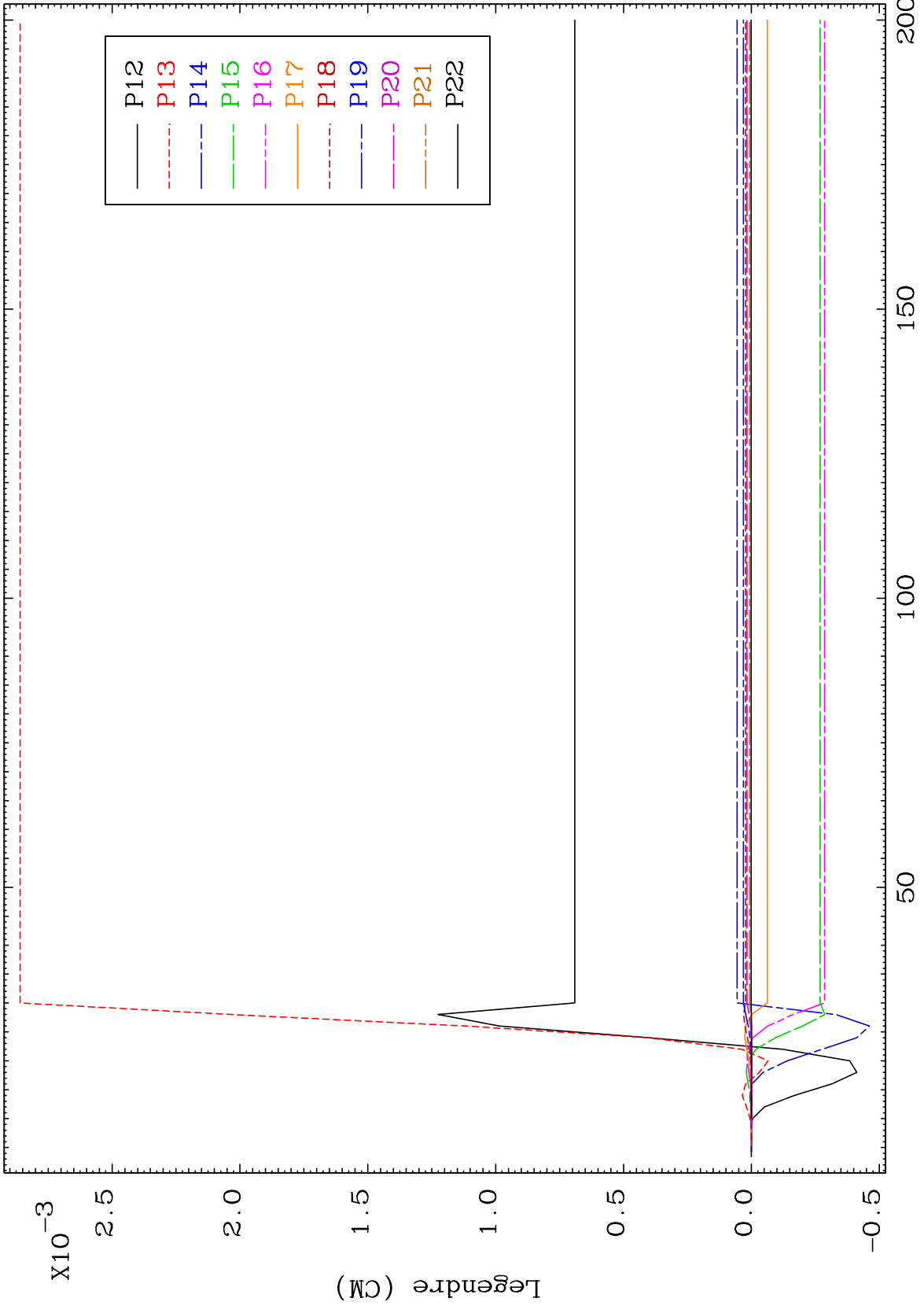


40-Zr-99

Incident Energy (MeV)

108

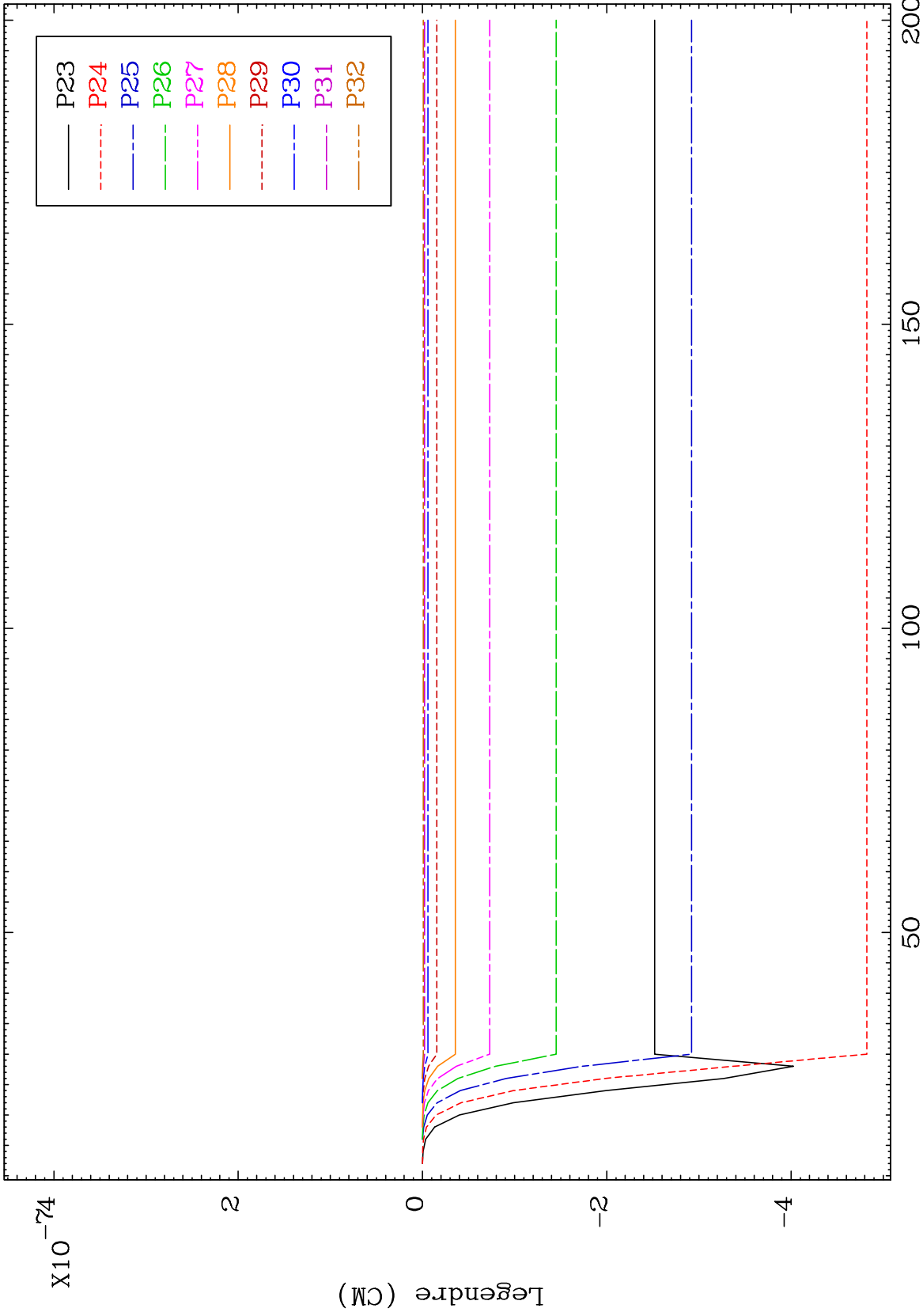
MAT 4052 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

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

40-Zr-99

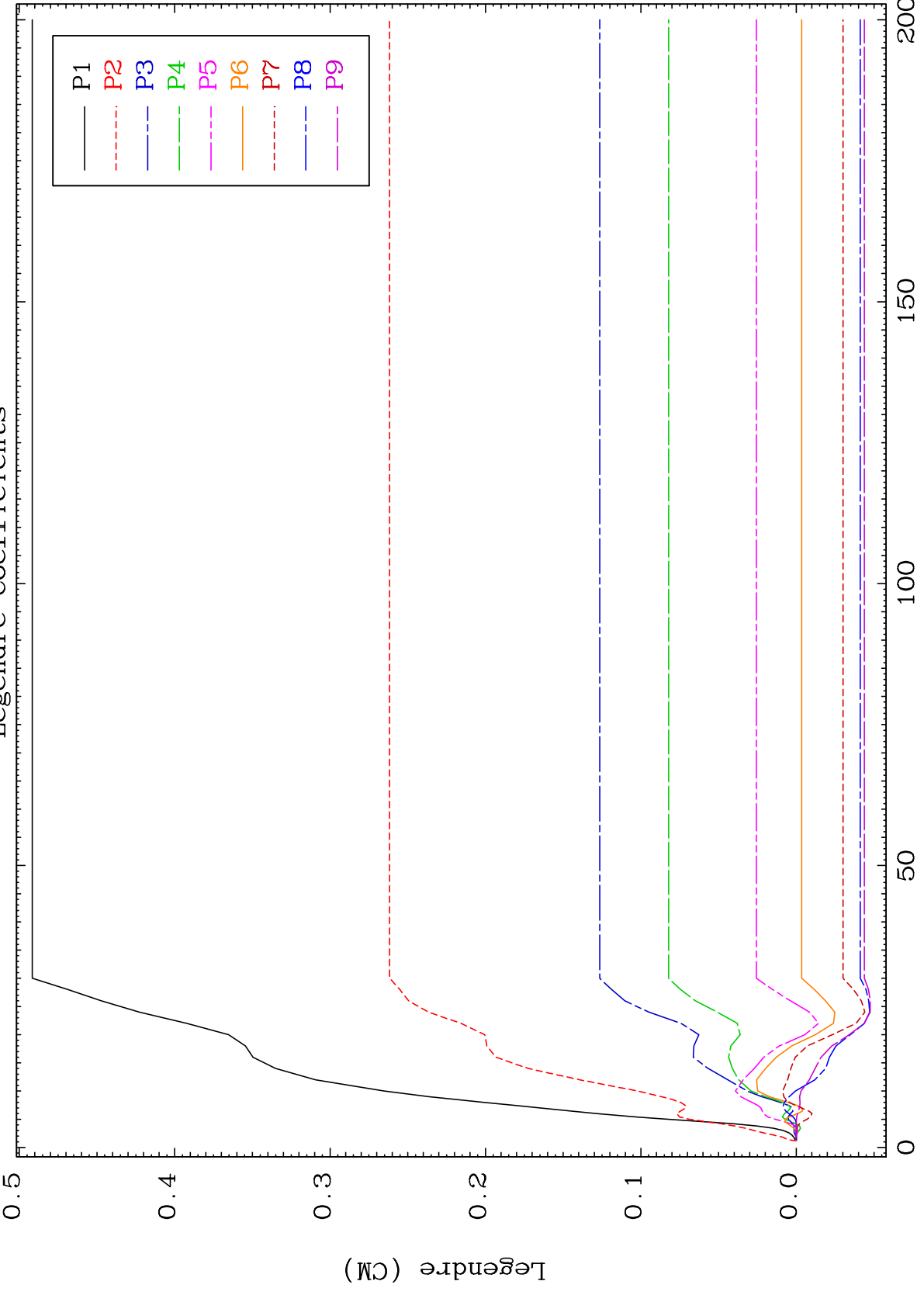


110

Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-99

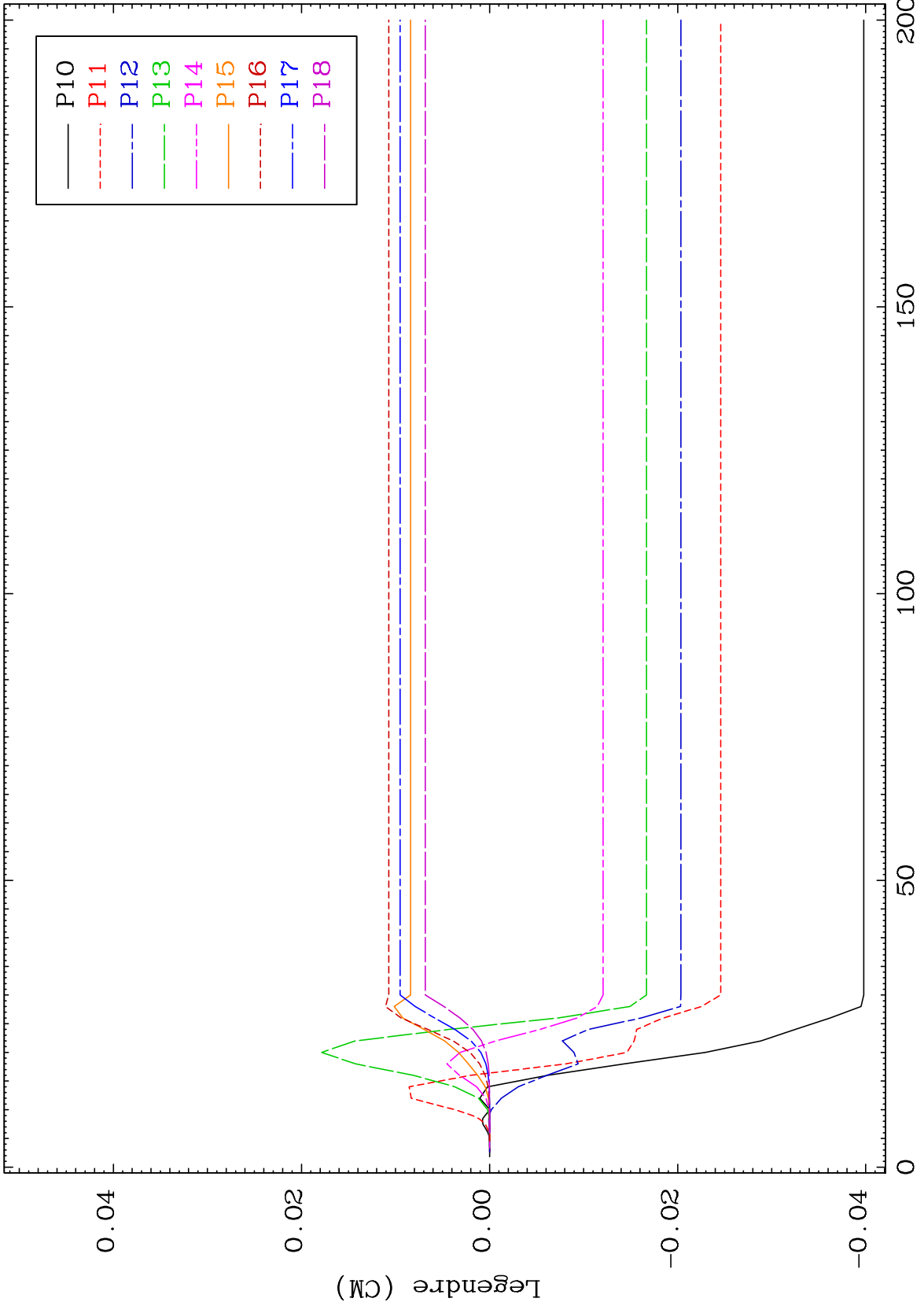


111 40-Zr-99

MAT 4052

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

40-Zr-99



40-Zr-99

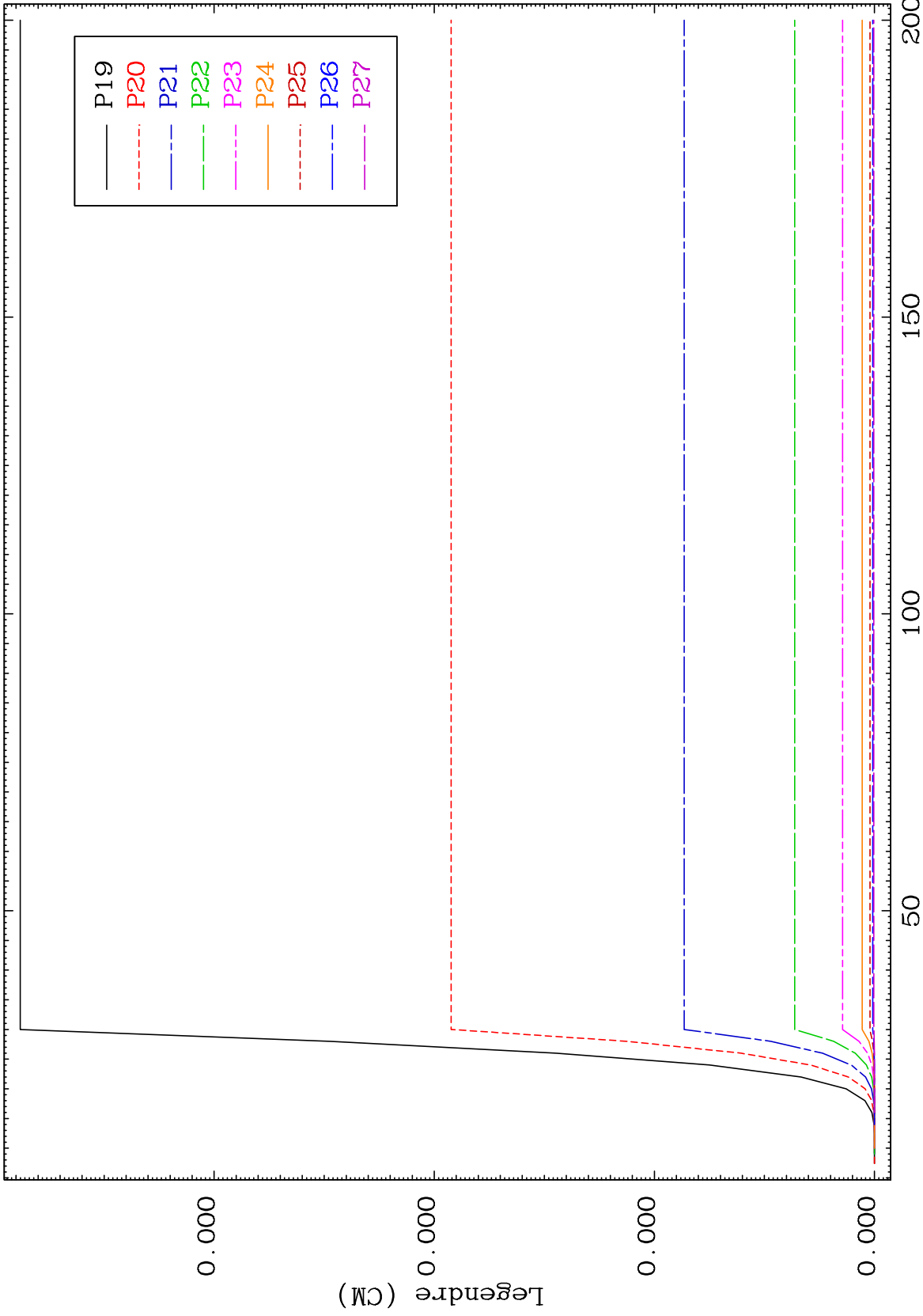
Incident Energy (MeV)

112

MAT 4052

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

40-Zr-99



113

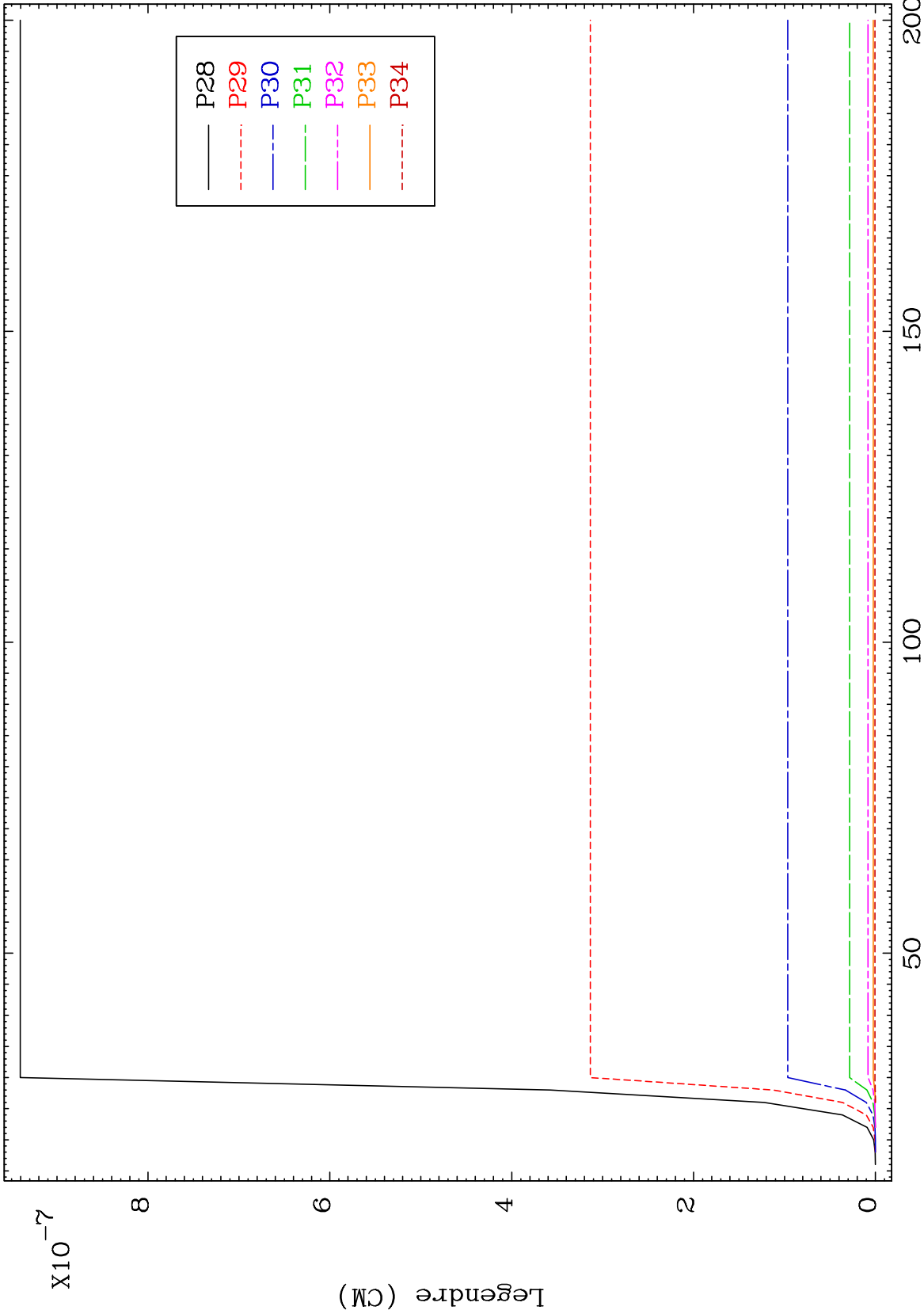
Incident Energy (MeV)

40-Zr-99

MAT 4052

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

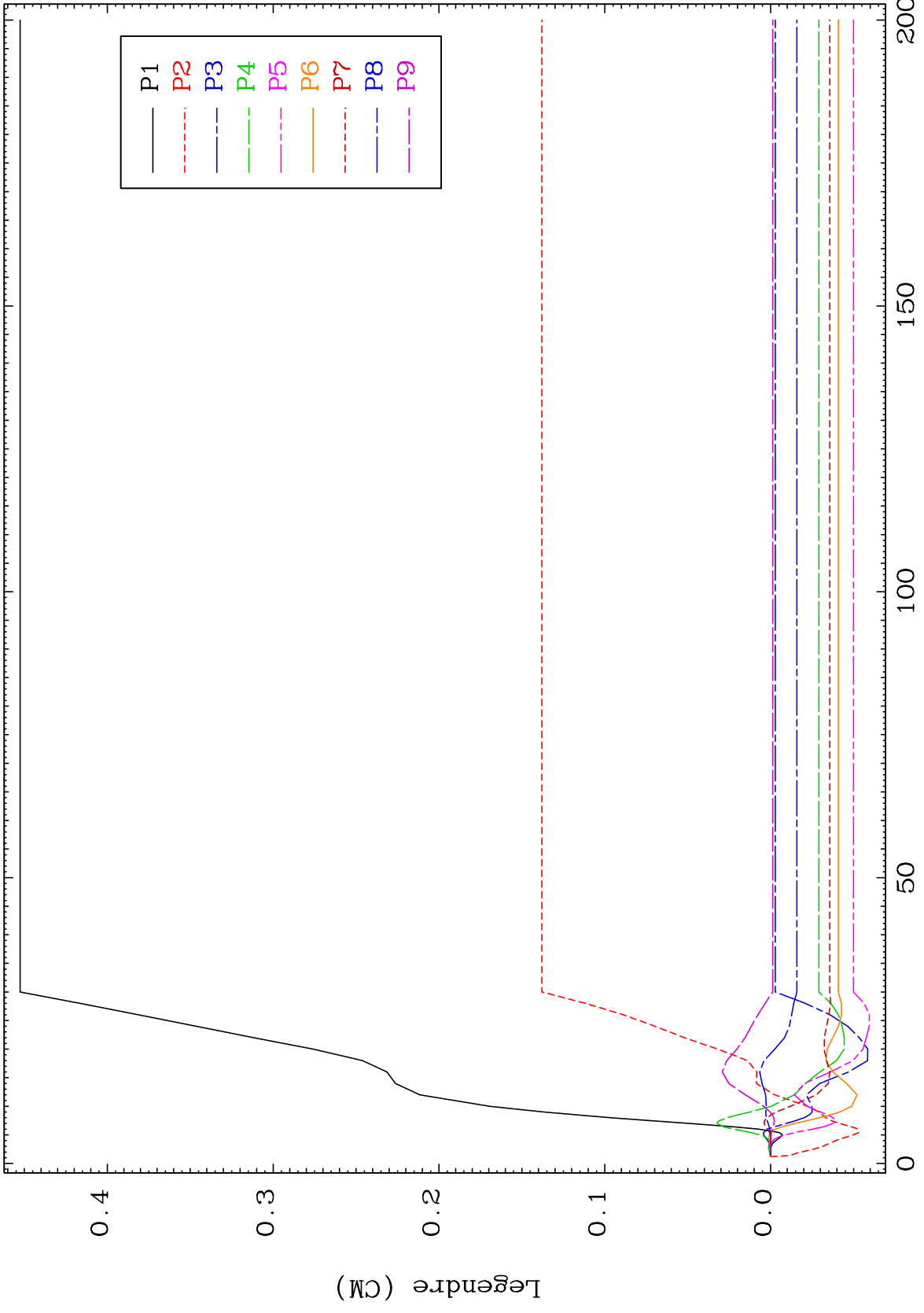
40-Zr-99



114

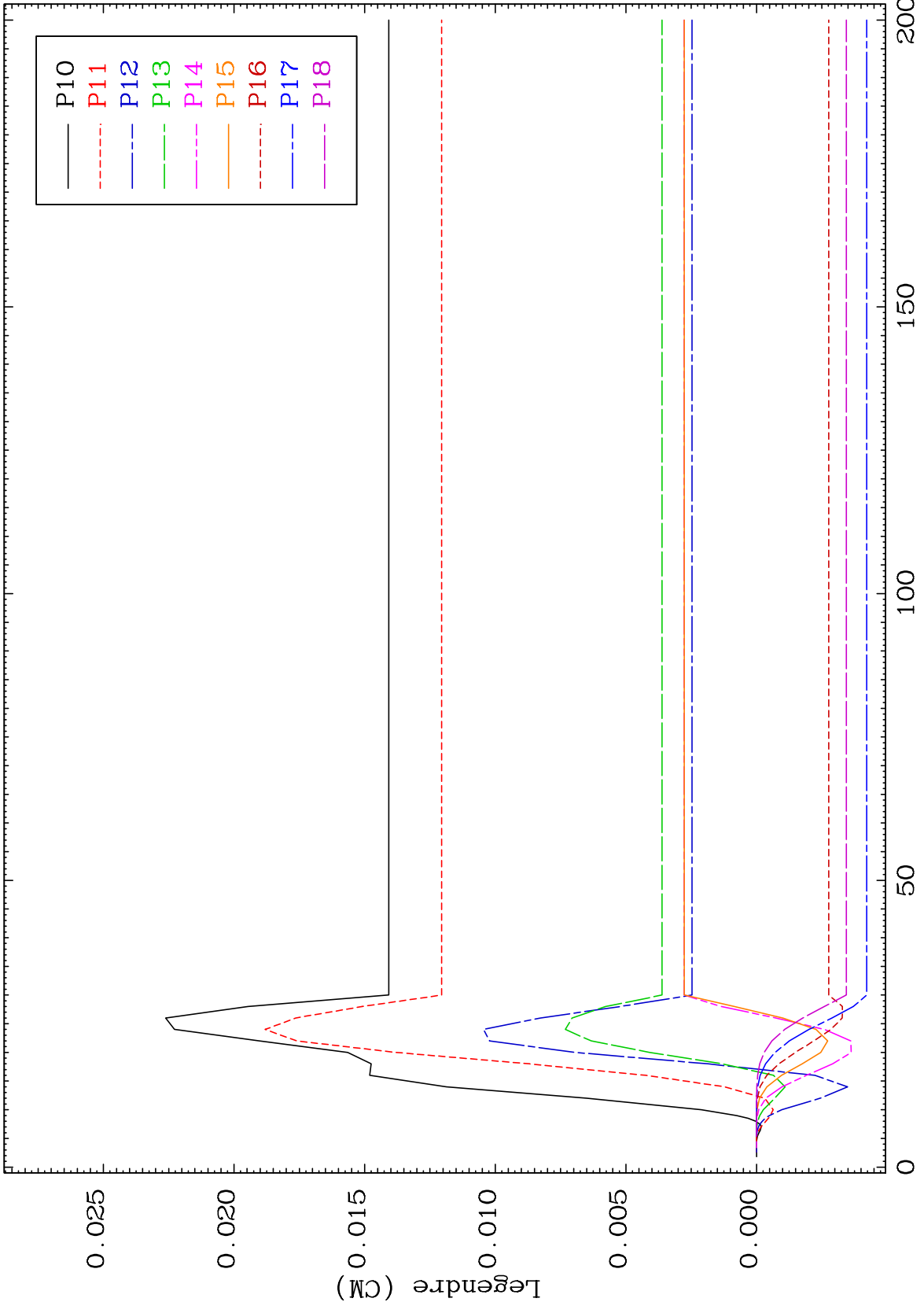
40-Zr-99

MAT 4052 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-99

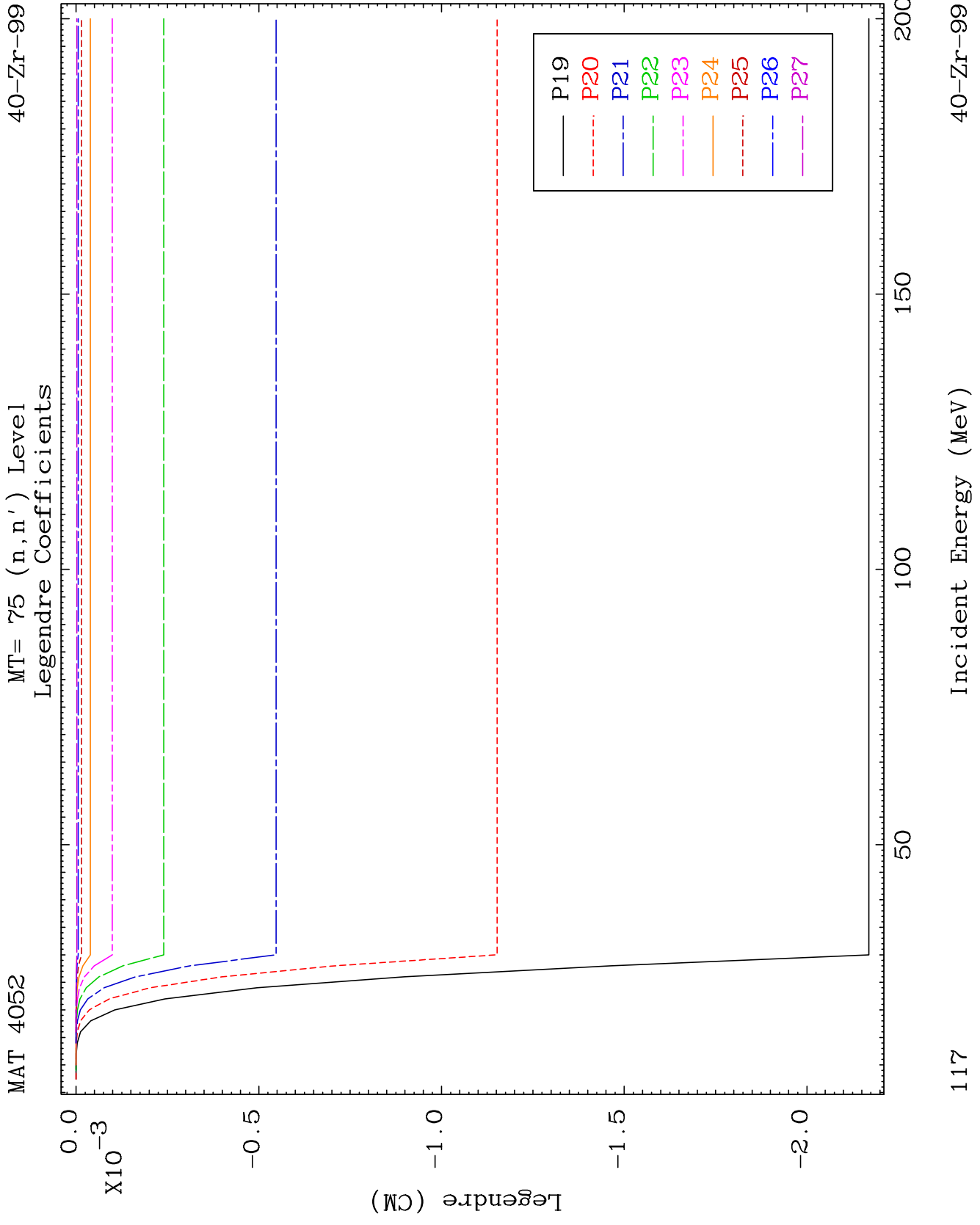


115 Incident Energy (MeV) 40-Zr-99

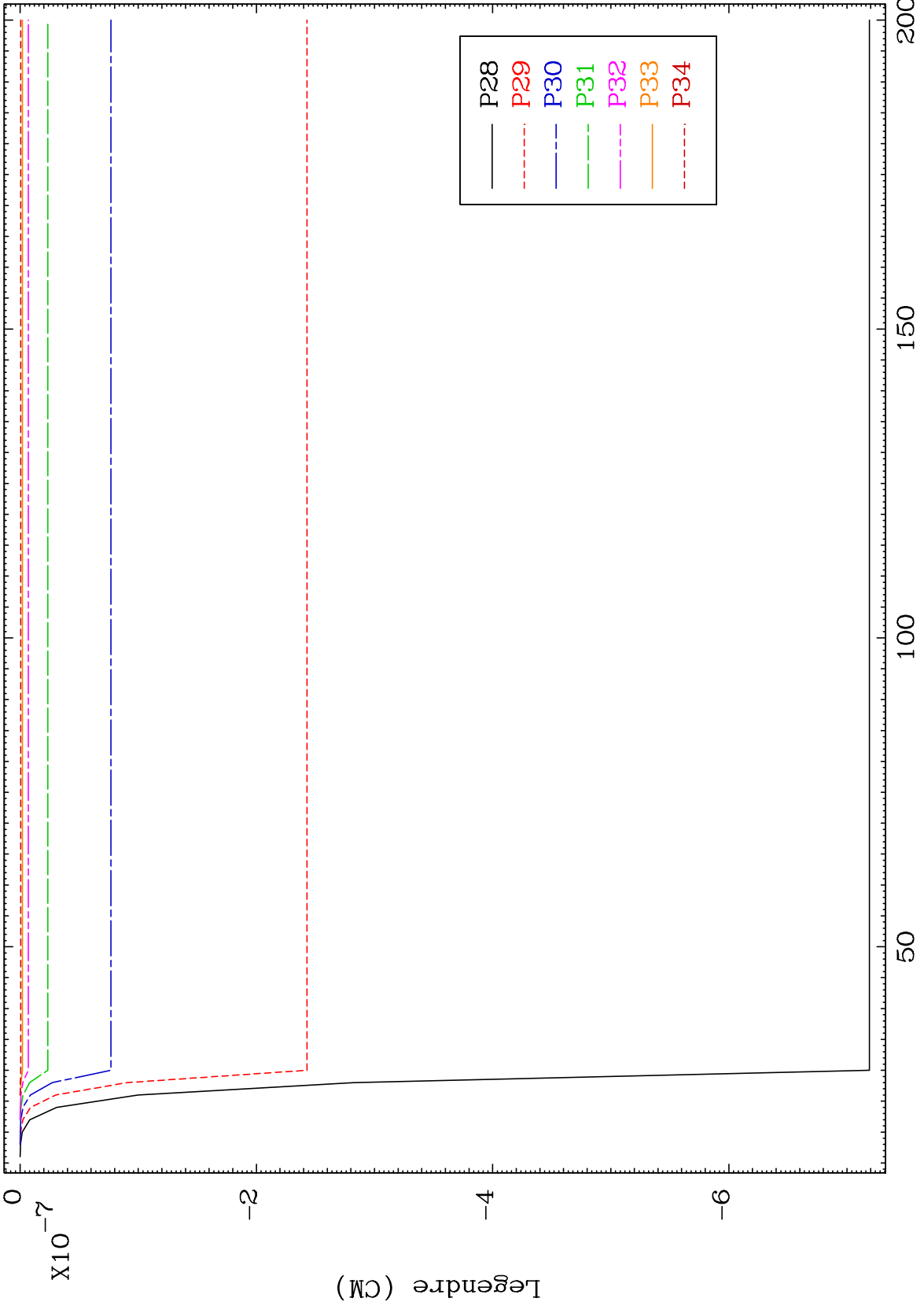
MAT 4052 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-99



116 40-Zr-99



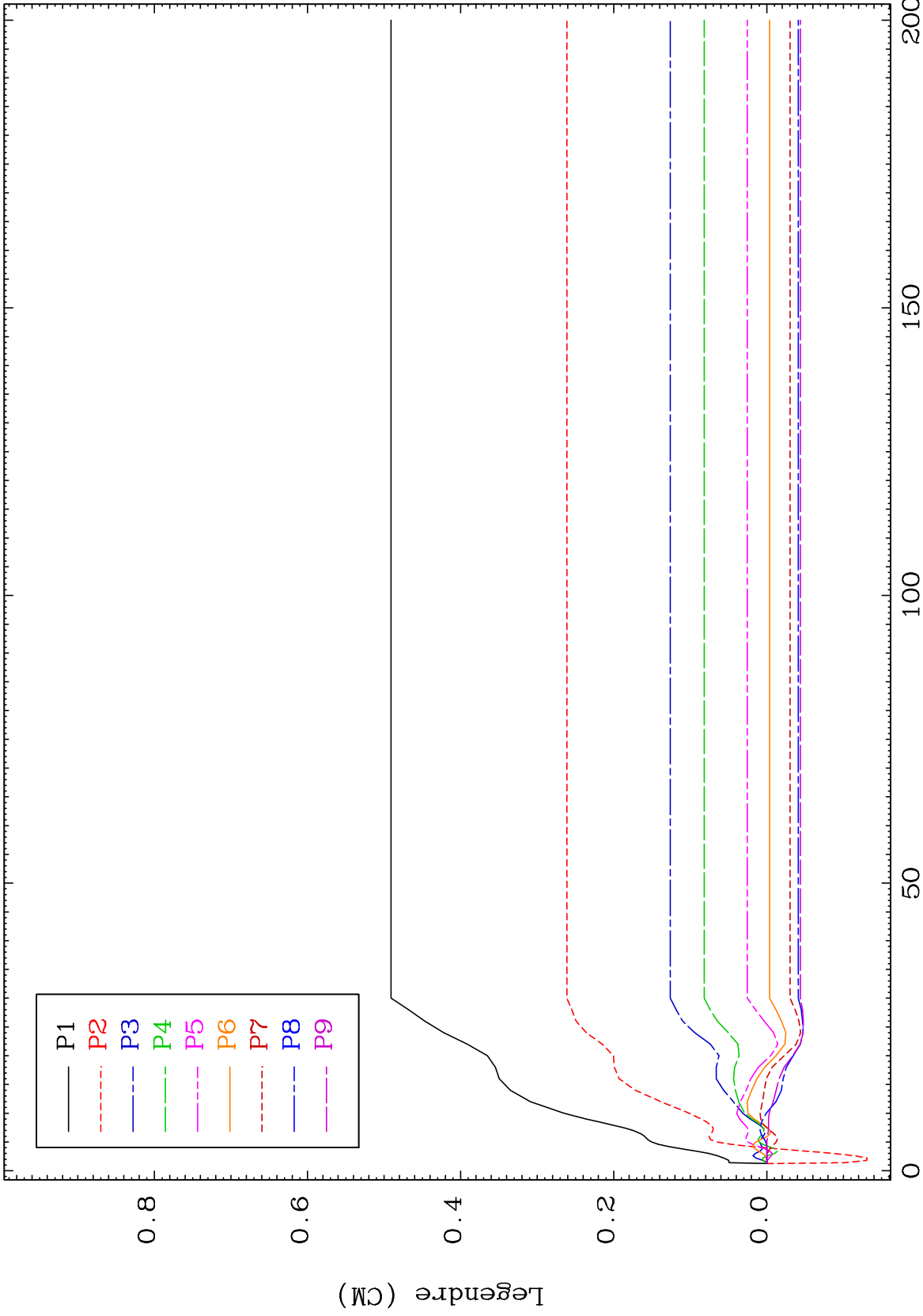
MAT 4052 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

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

40-Zr-99



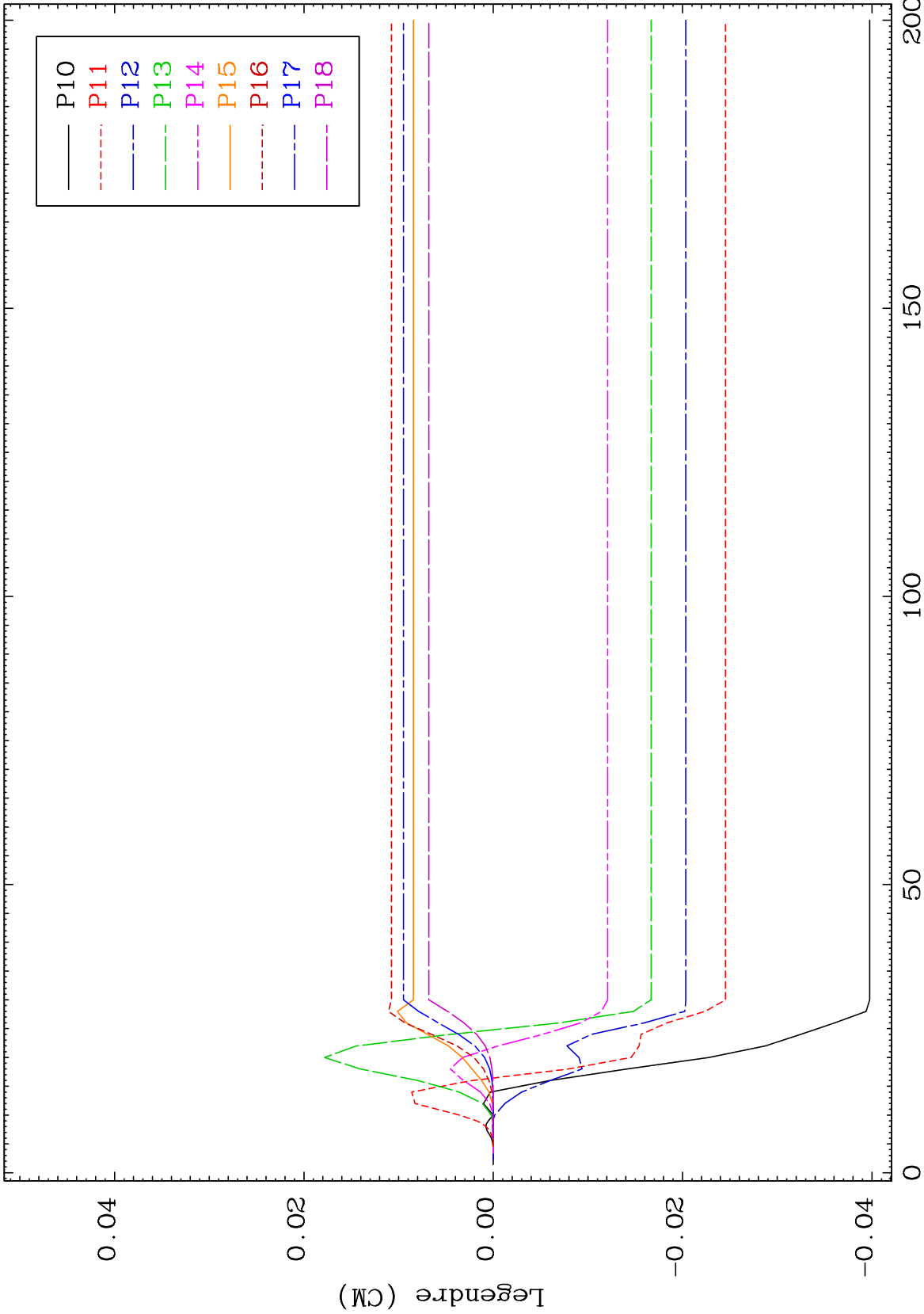
119

40-Zr-99

MAT 4052

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

40-Zr-99



40-Zr-99

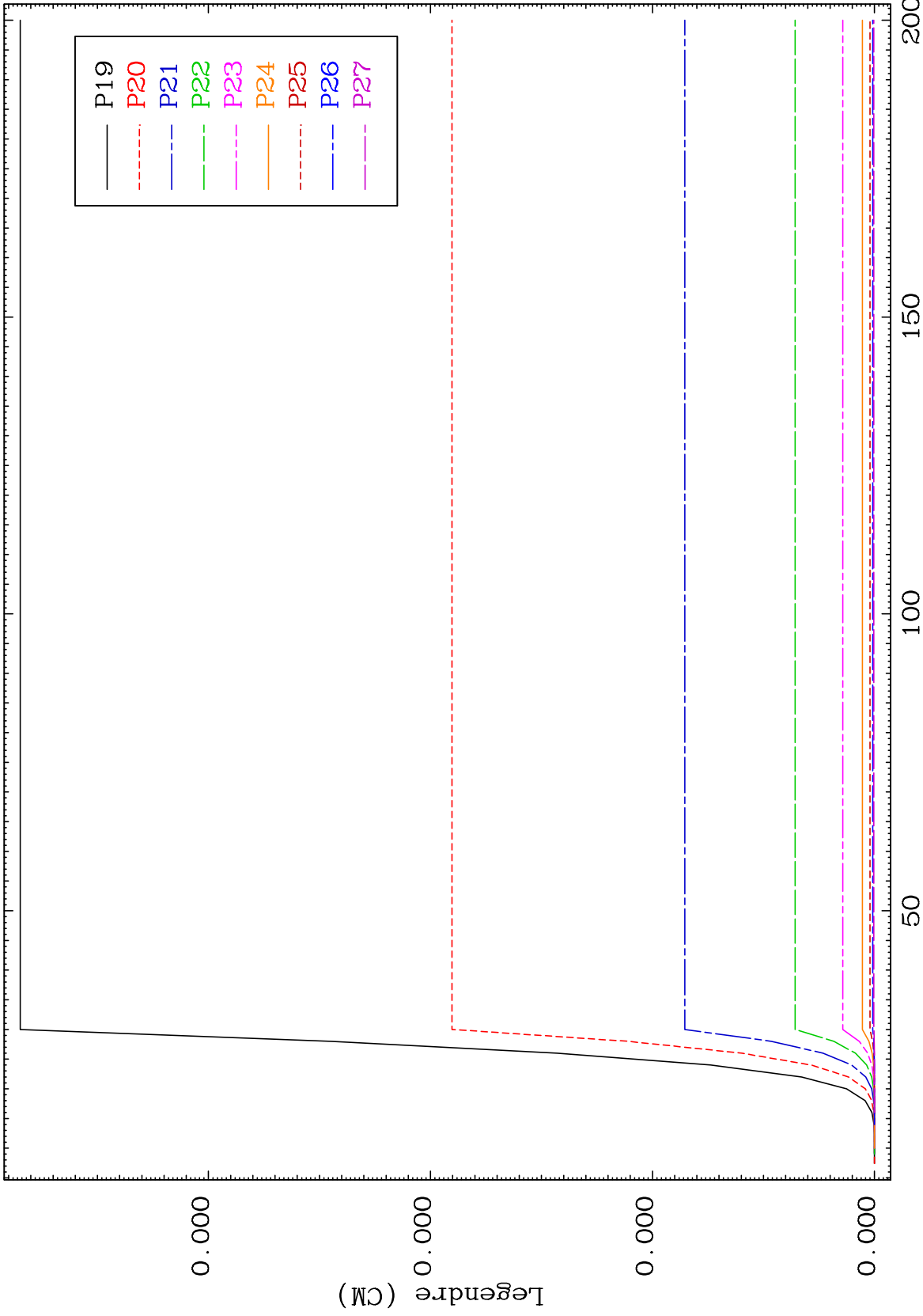
Incident Energy (MeV)

120

MAT 4052

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

40-Zr-99



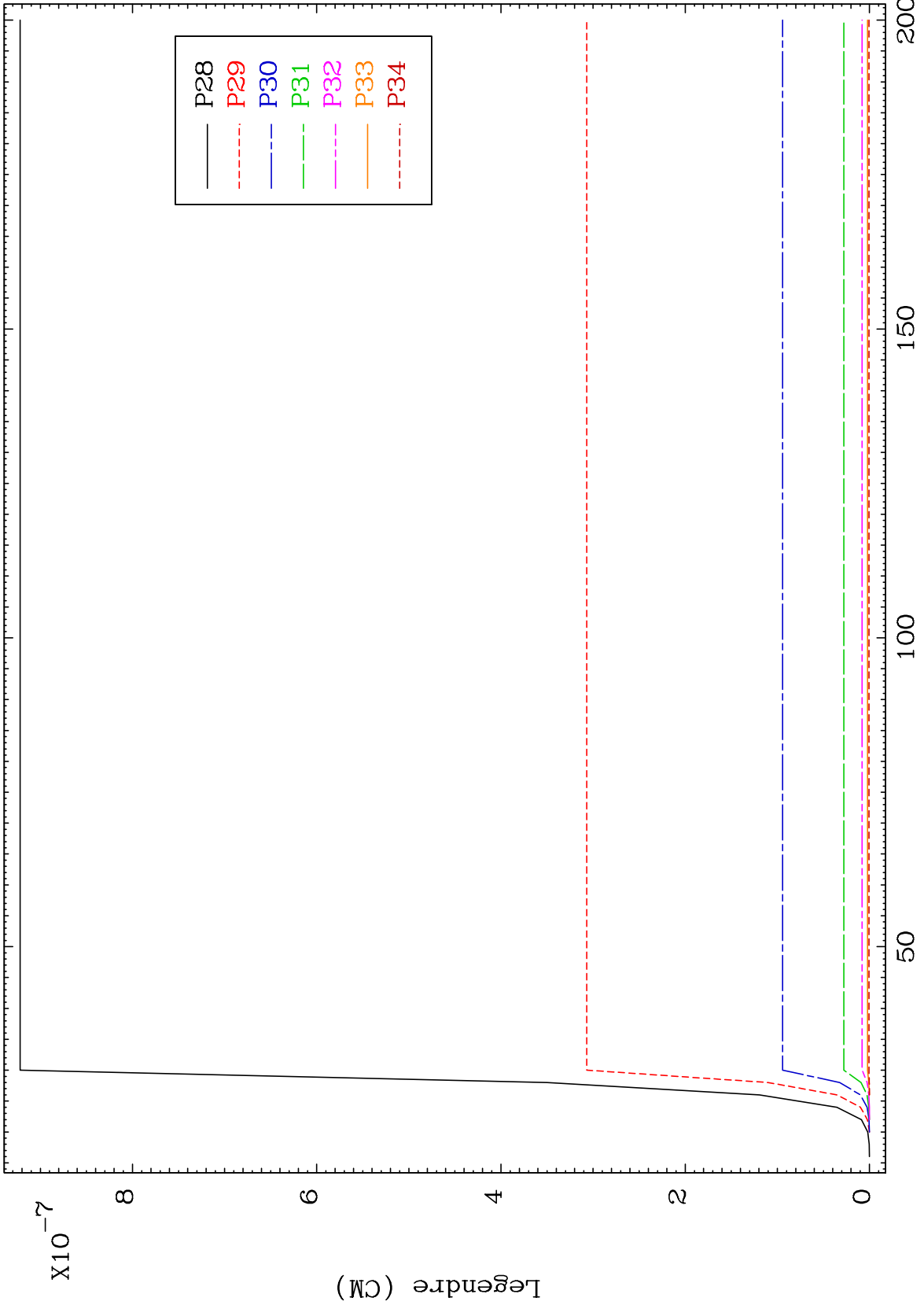
121

40-Zr-99

MAT 4052

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

40-Zr-99



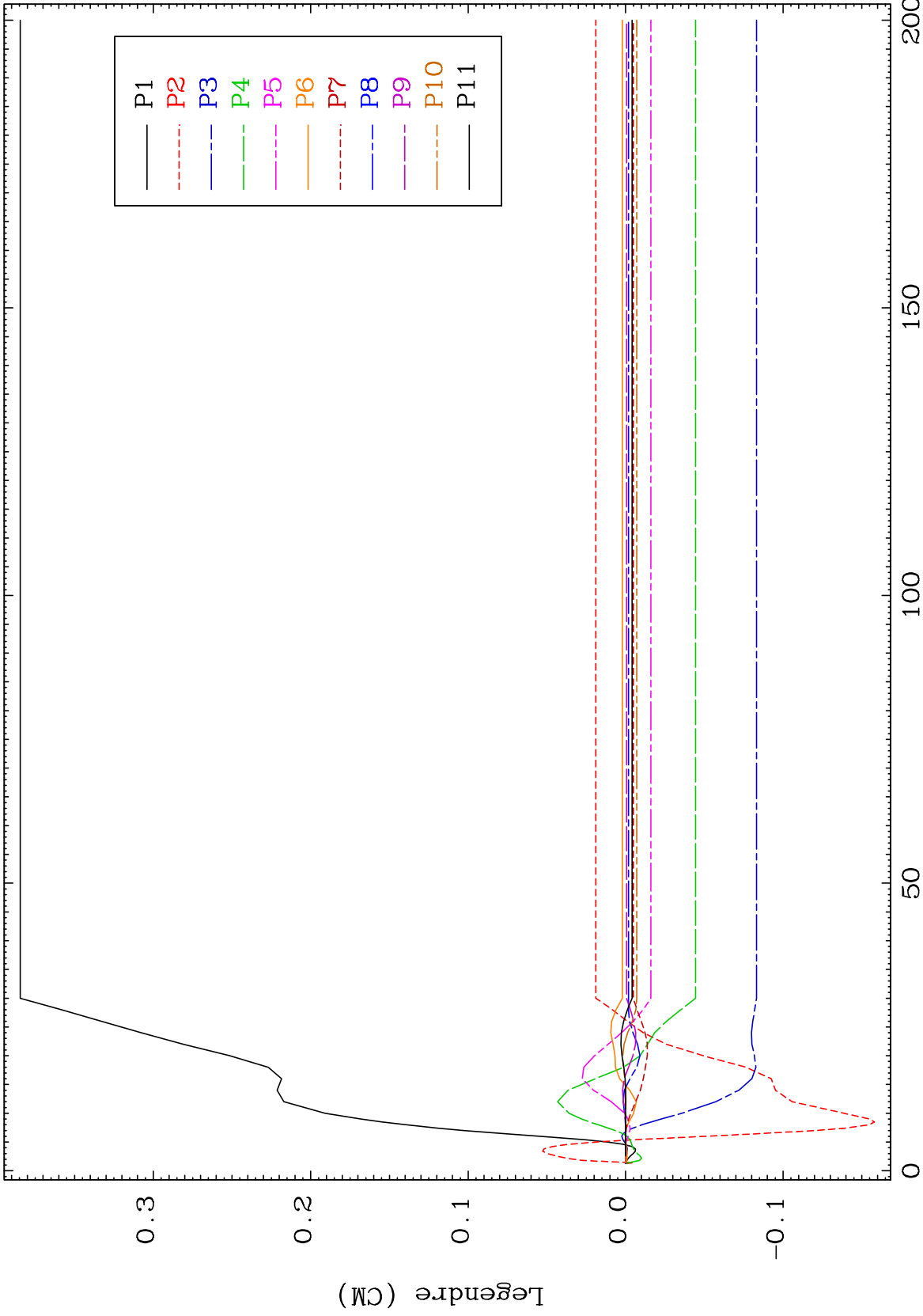
122

40-Zr-99

MAT 4052

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

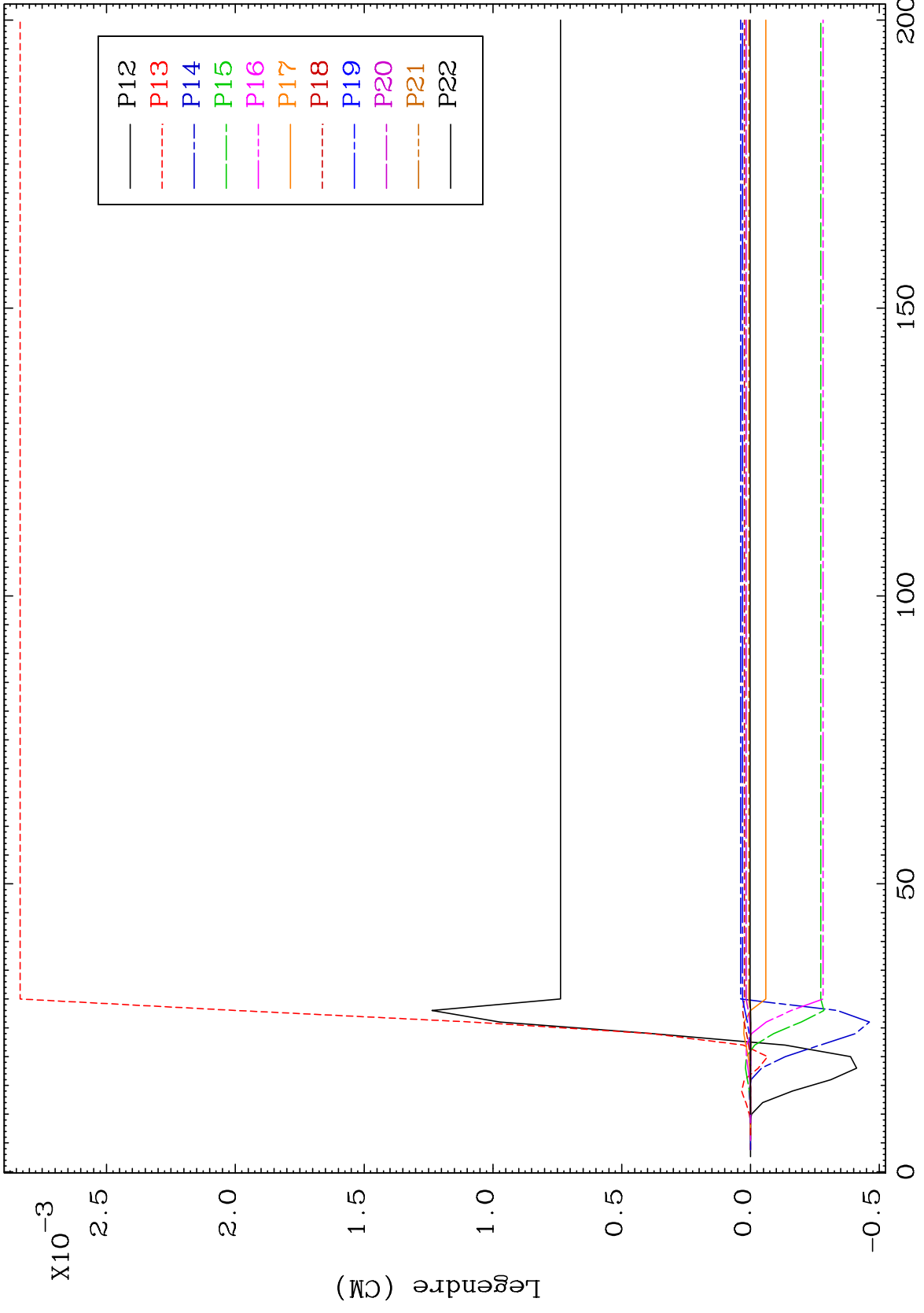
40-Zr-99



123

40-Zr-99

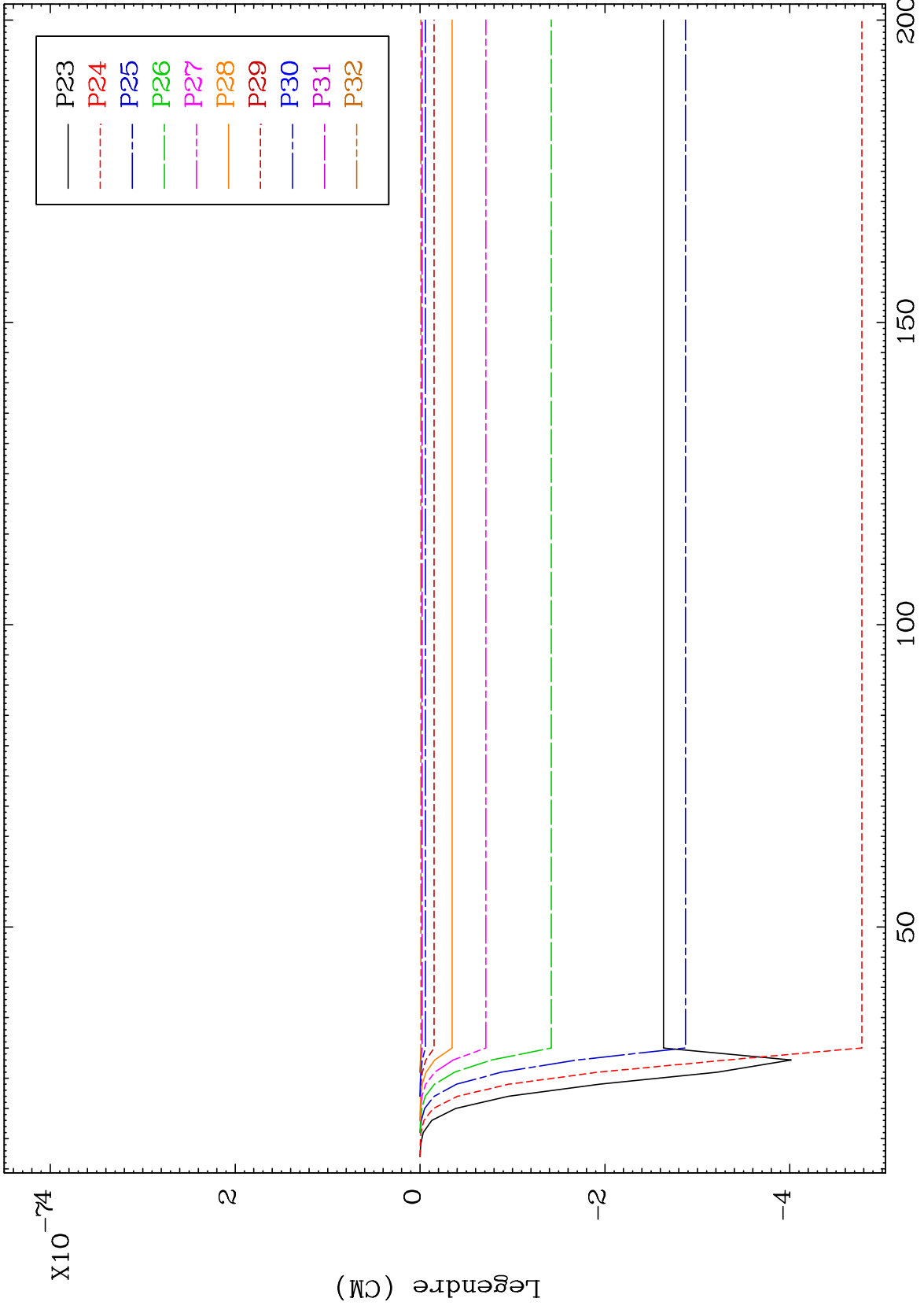
MAT 4052 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-99



MAT 4052

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

40-Zr-99

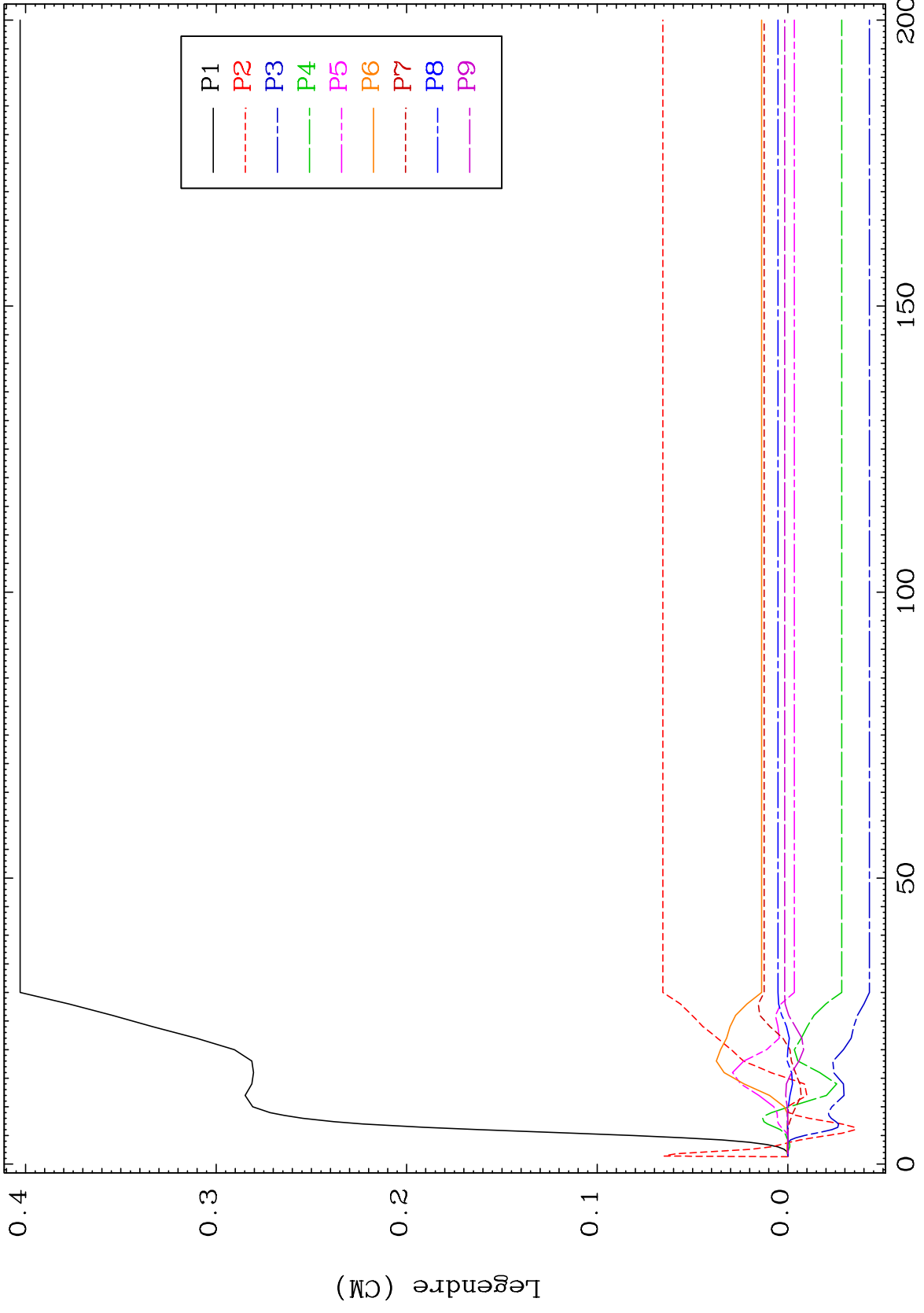


125

Incident Energy (MeV)

40-Zr-99

MAT 4052 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-99

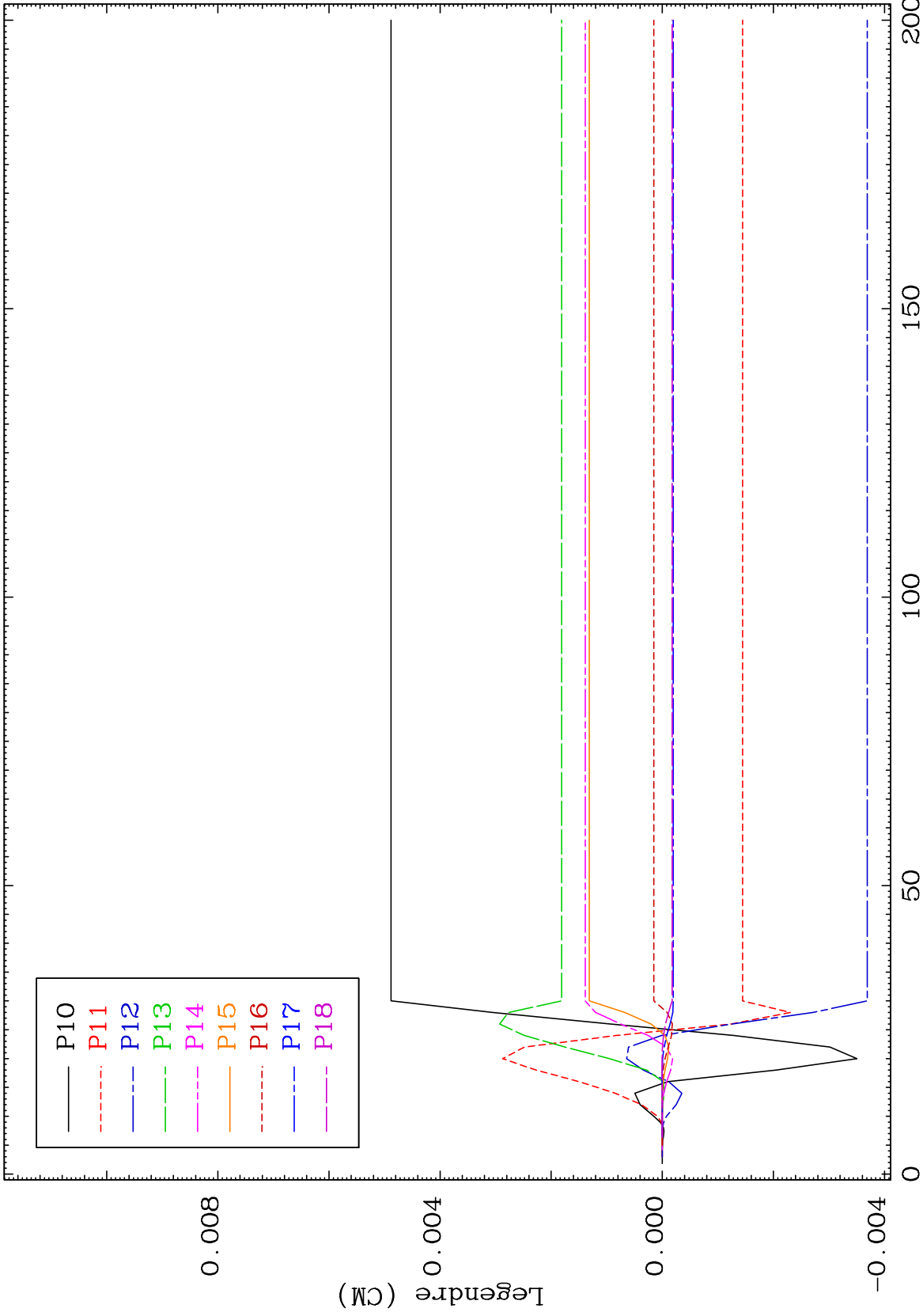


126 40-Zr-99

MAT 4052

MT= 78 (n,n') Level
Legendre Coefficients

40-Zr-99



127

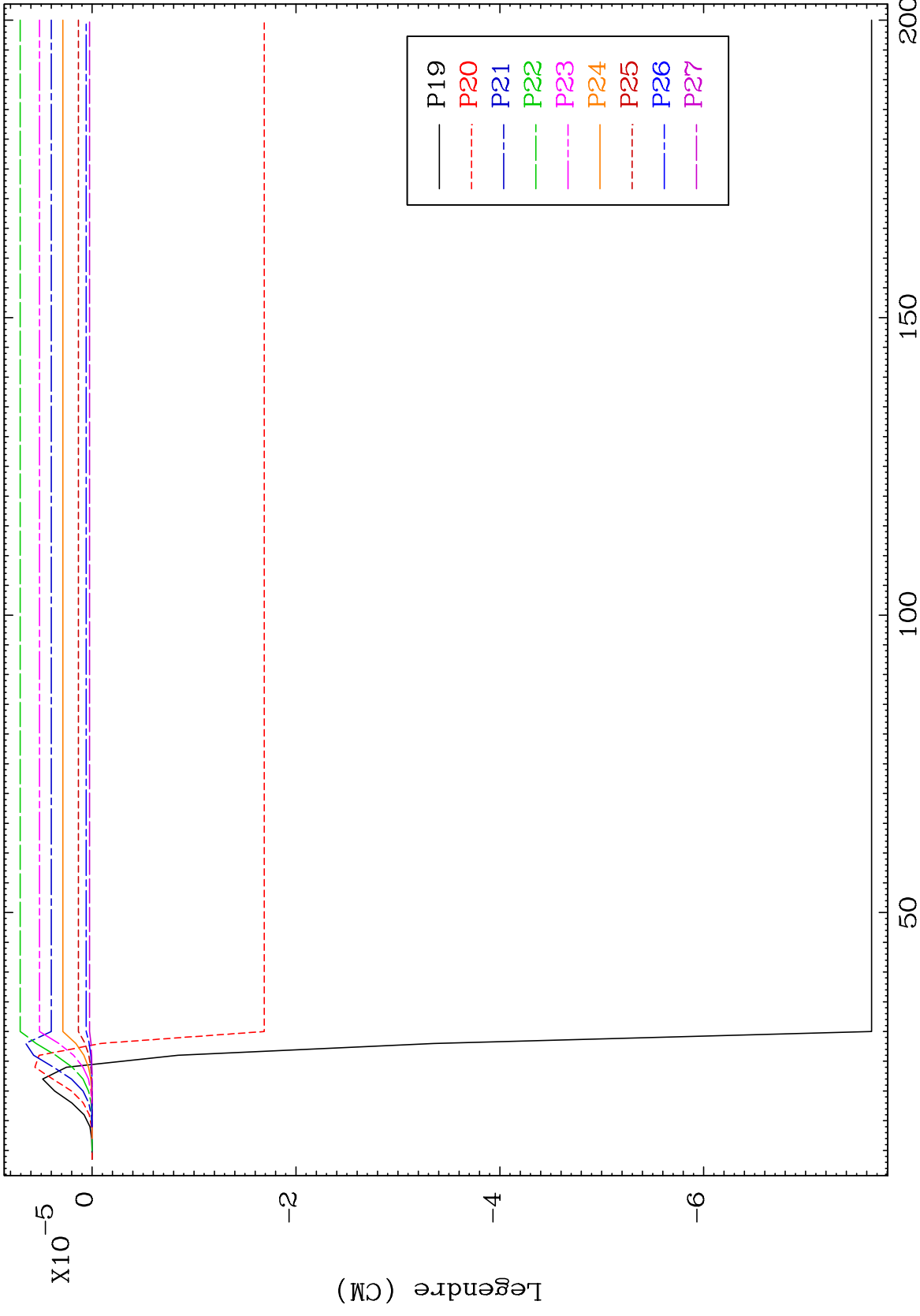
Incident Energy (MeV)

40-Zr-99

MAT 4052

MT= 78 (n,n') Level
Legendre Coefficients

40-Zr-99

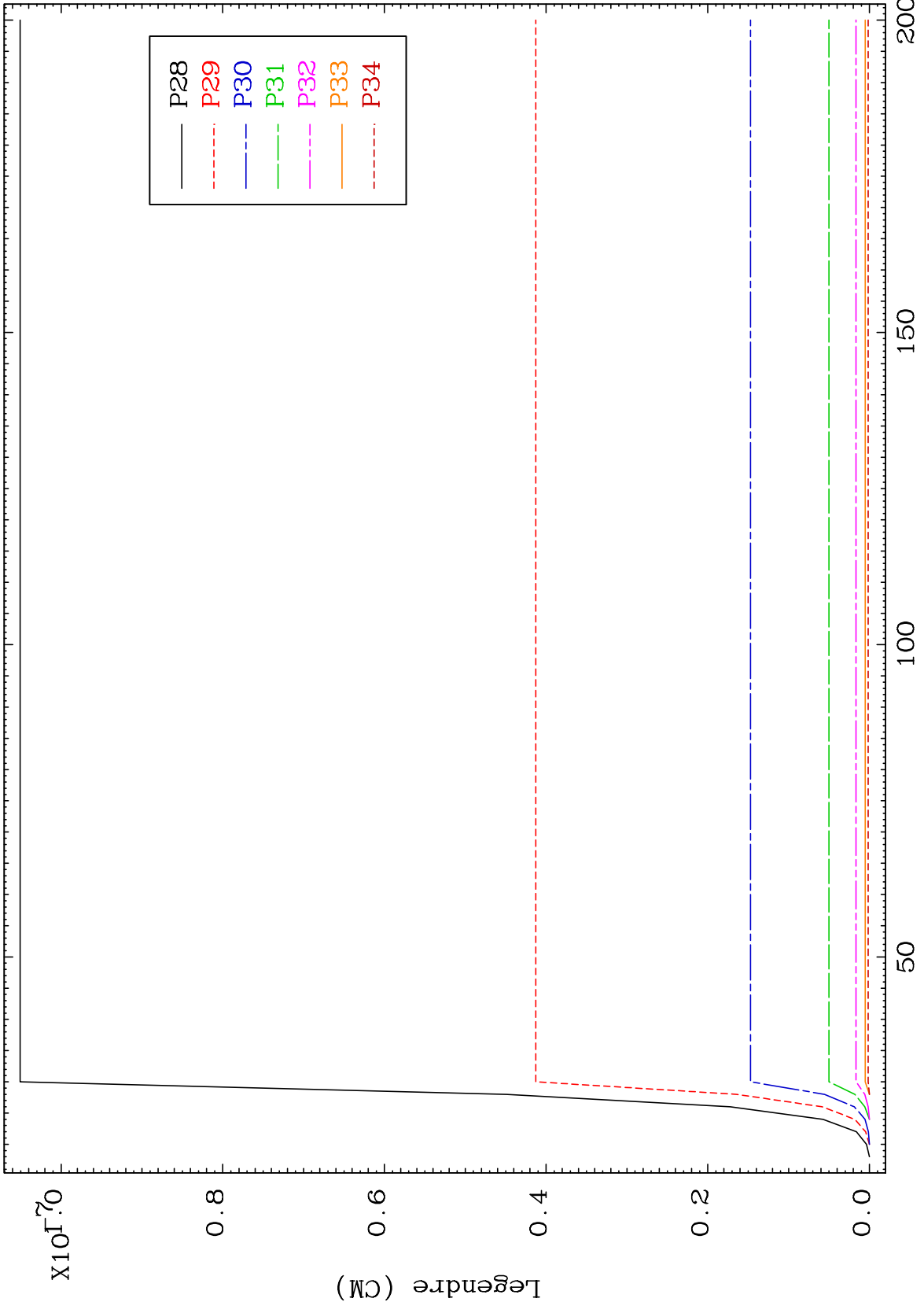


40-Zr-99

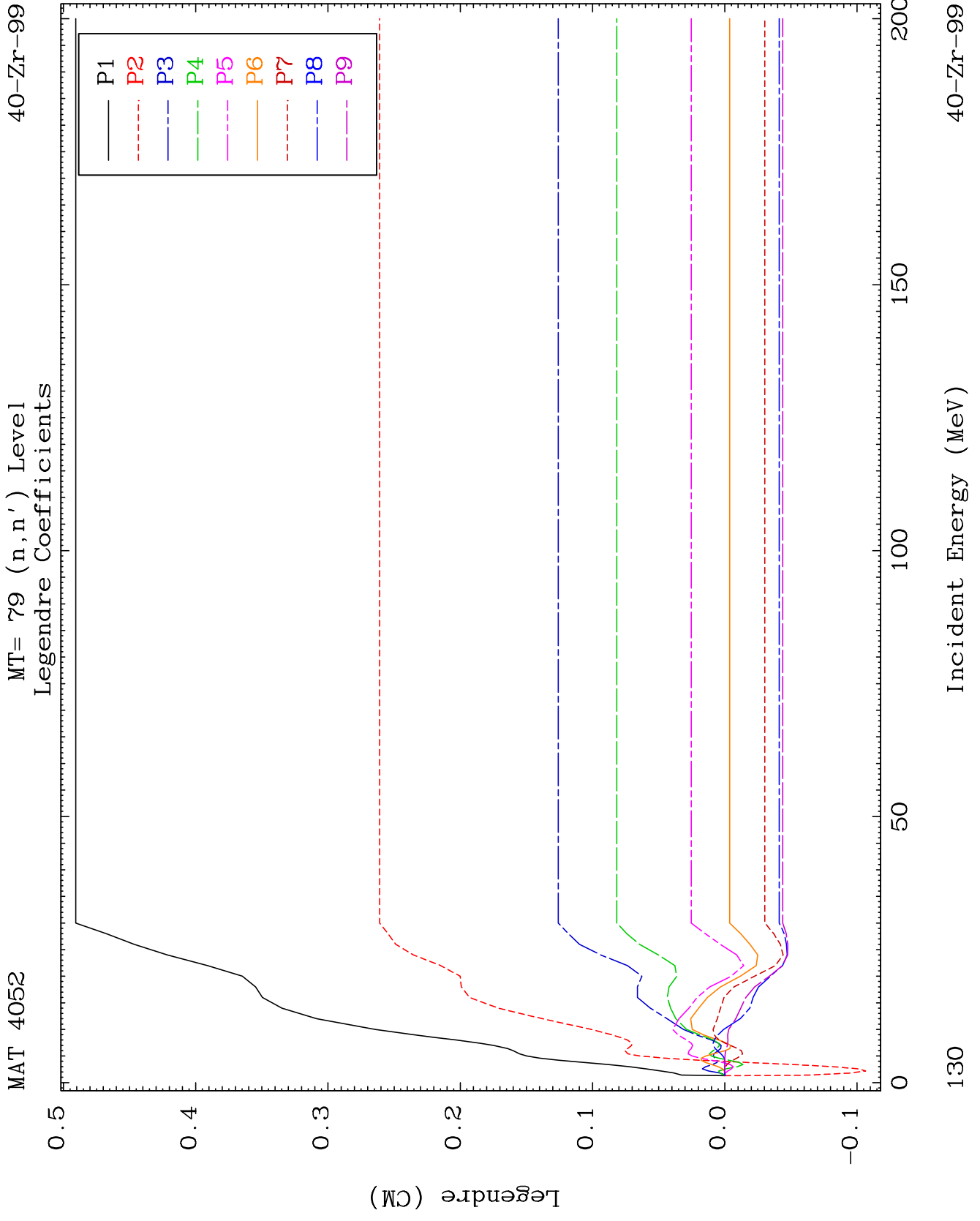
Incident Energy (MeV)

128

MAT 4052 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-99



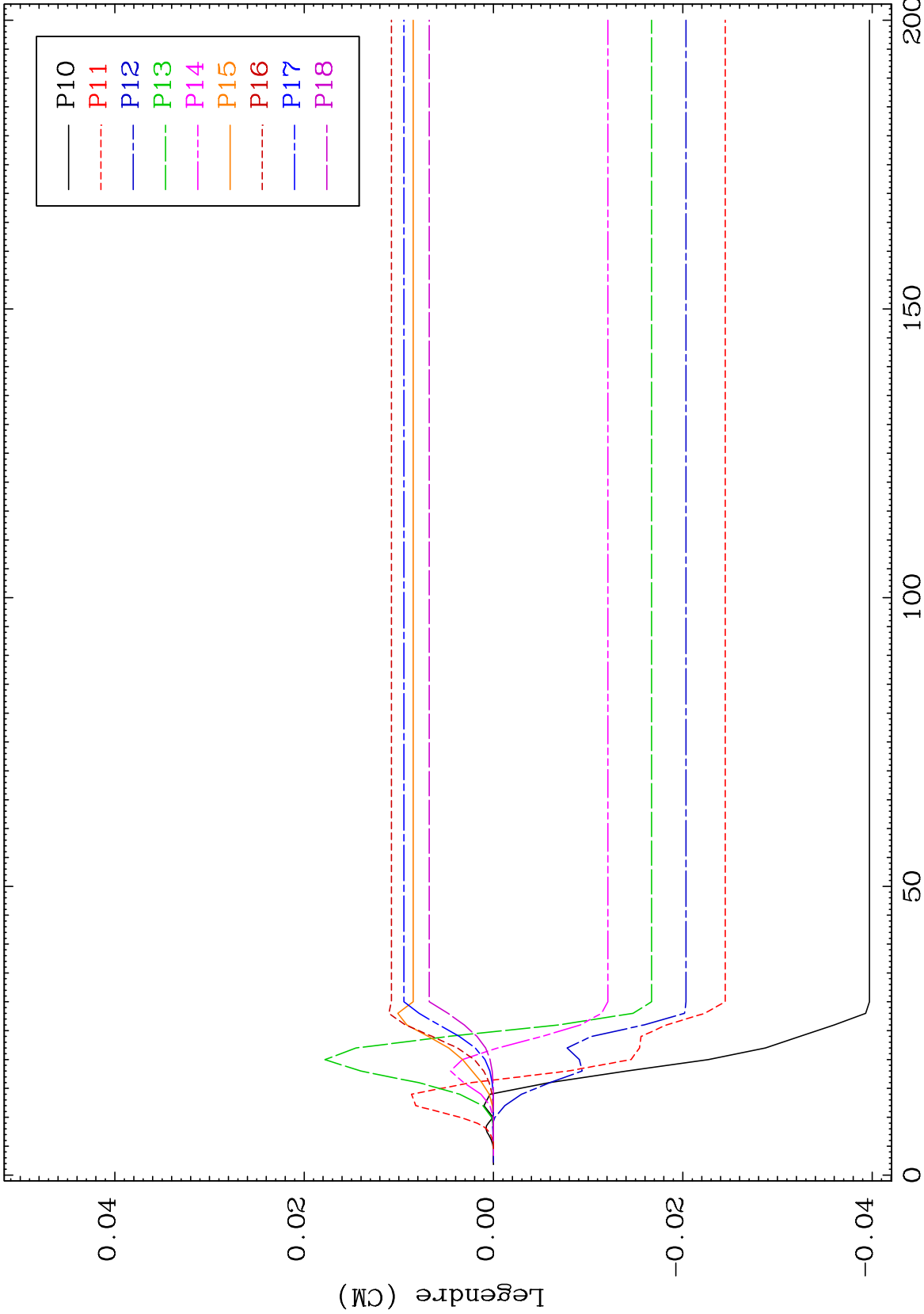
129 40-Zr-99



MAT 4052

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

40-Zr-99

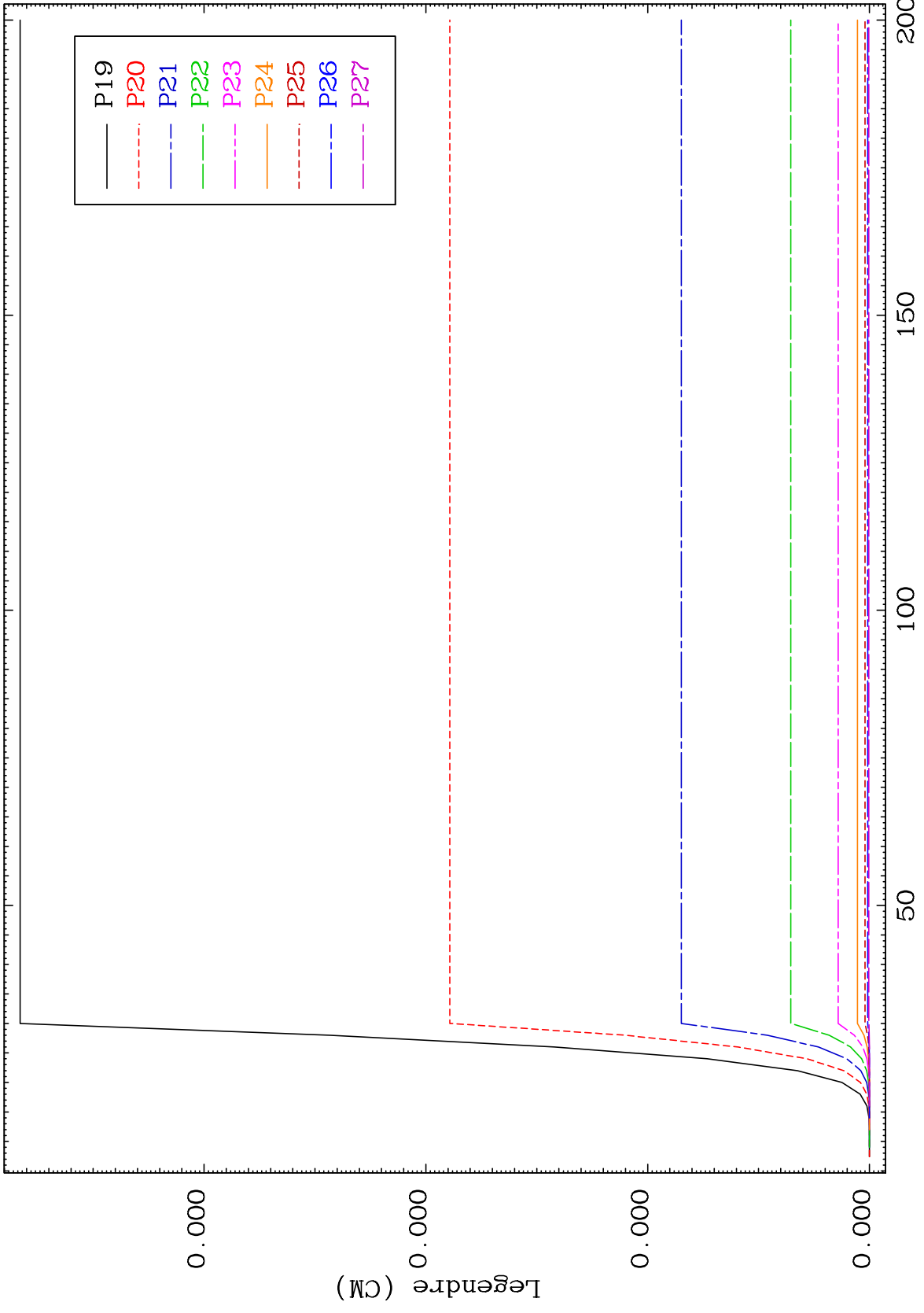


131

Incident Energy (MeV)

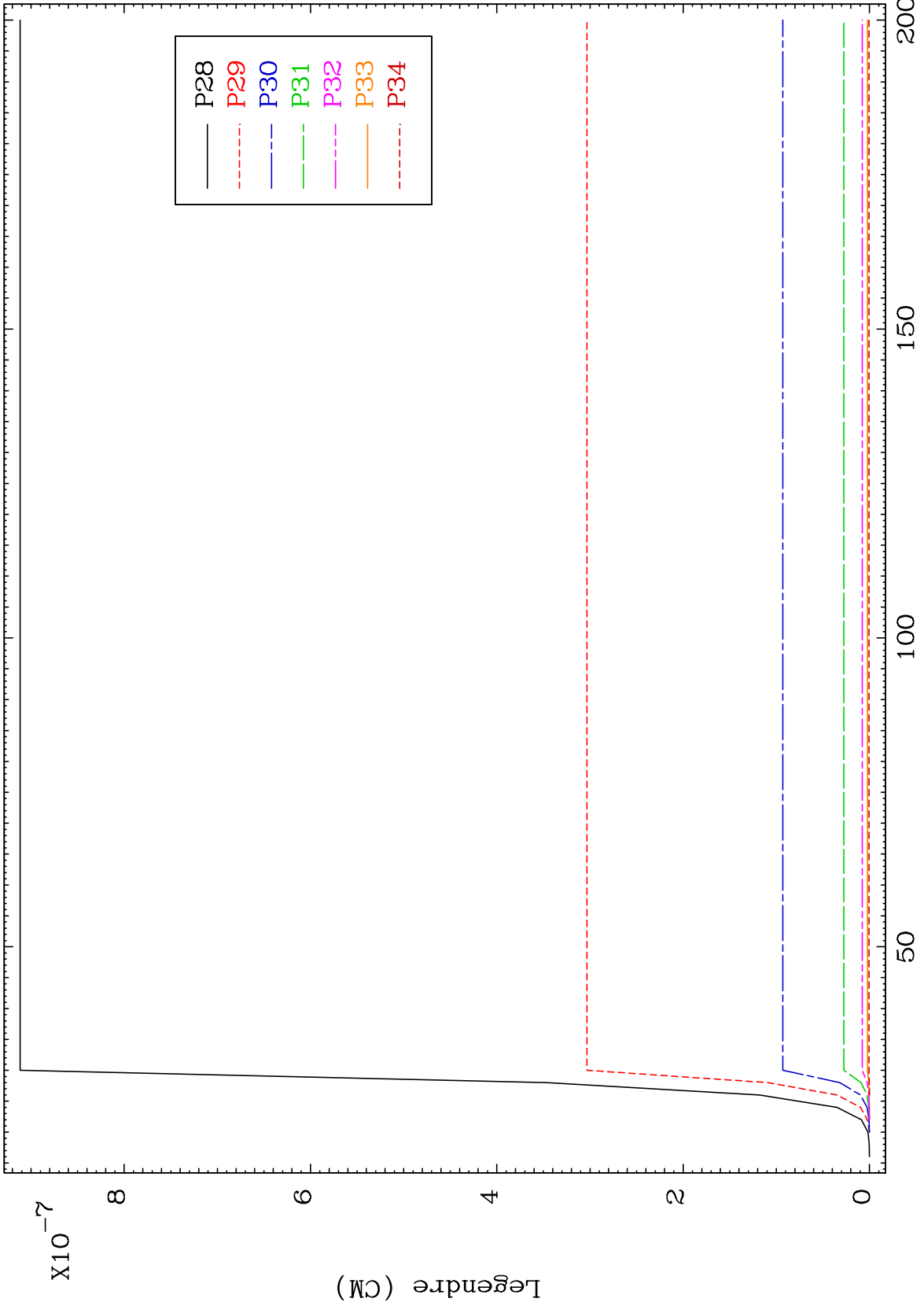
40-Zr-99

MAT 4052 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-99



132 40-Zr-99

MAT 4052 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-99



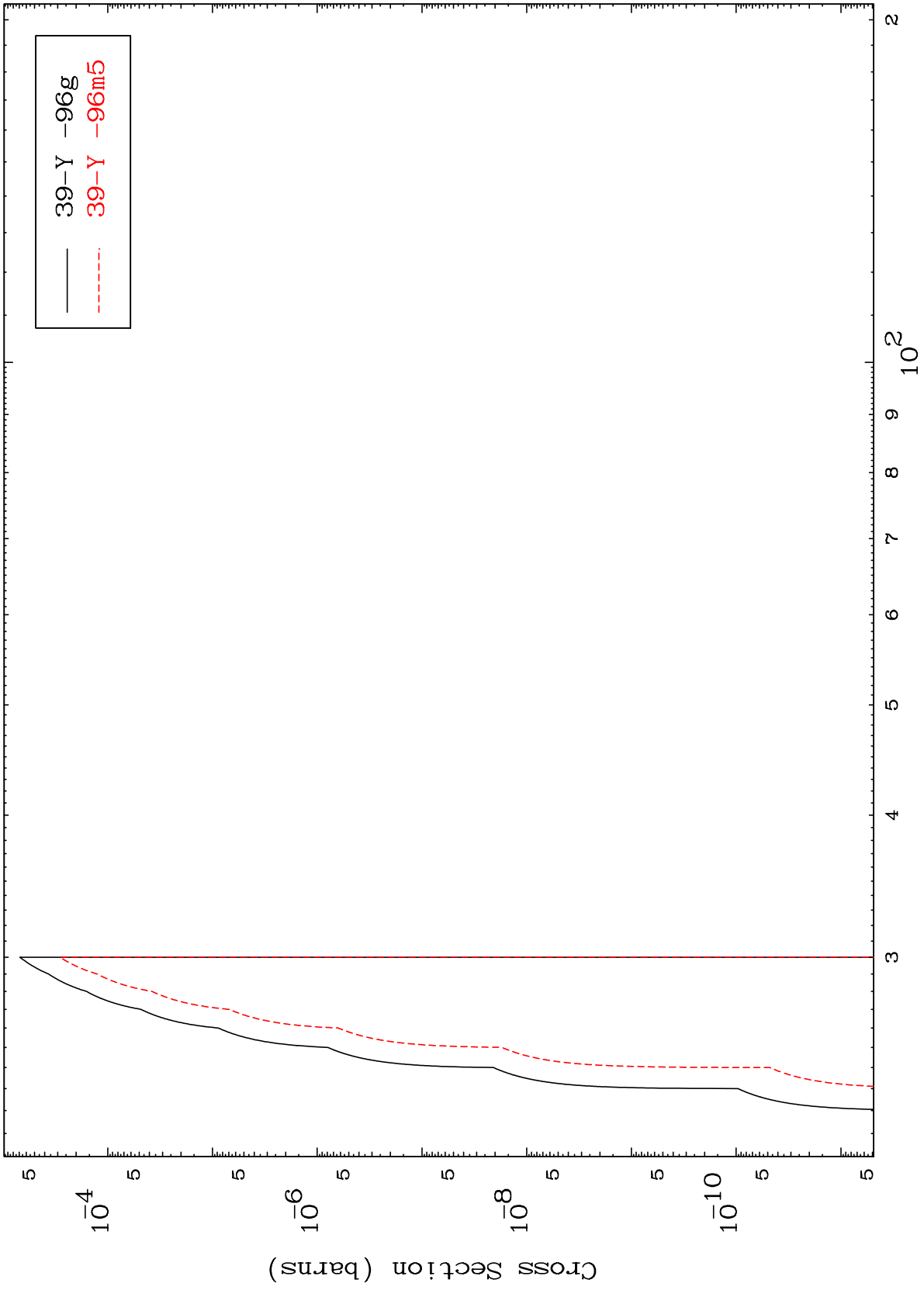
133 40-Zr-99

MAT 4052

(n,2n) d

40-Zr-99

Radionuclide Production Cross Section



134

Incident Energy (MeV)

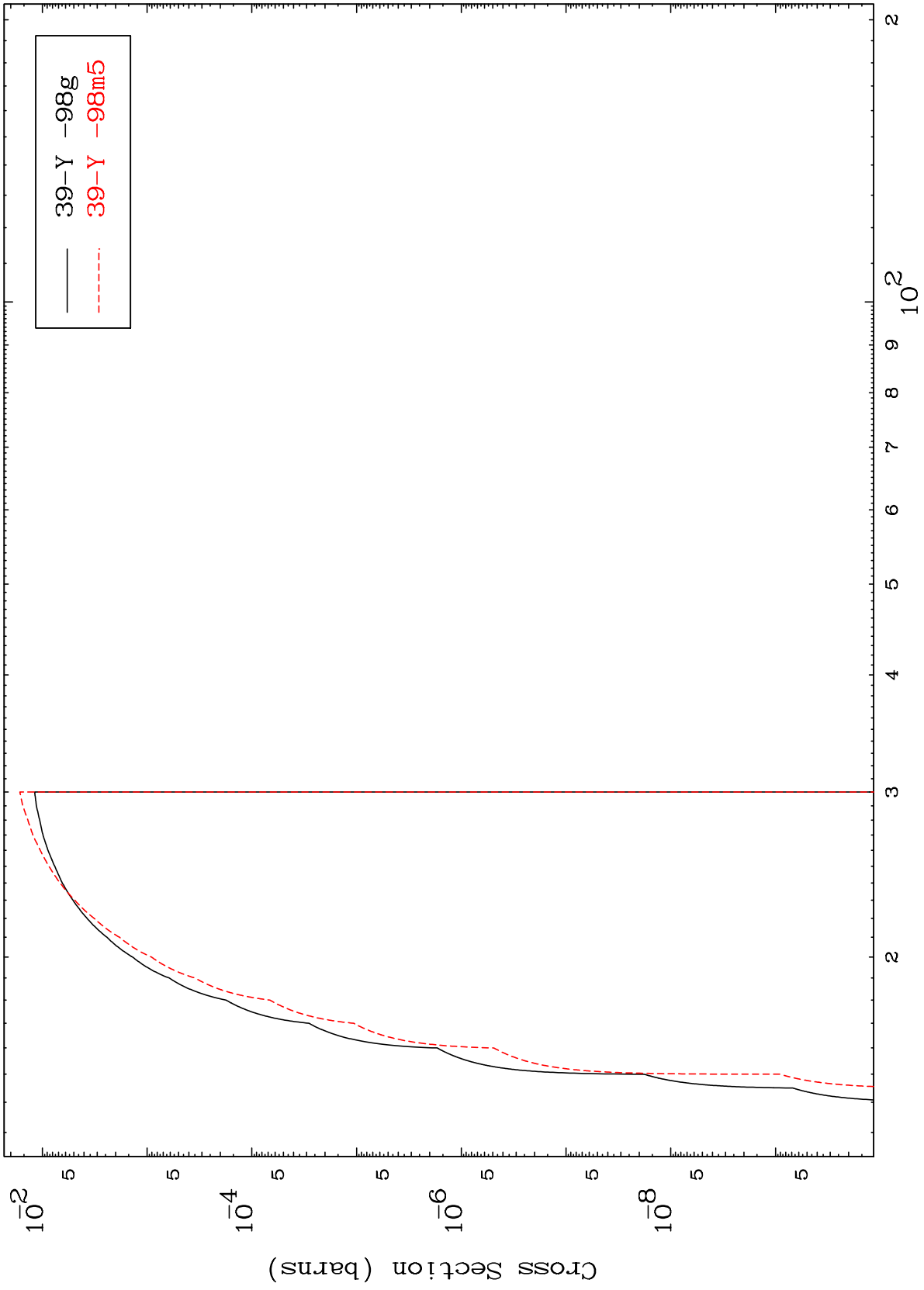
40-Zr-99

MAT 4052

(n,n') p

40-Zr-99

Radionuclide Production Cross Section

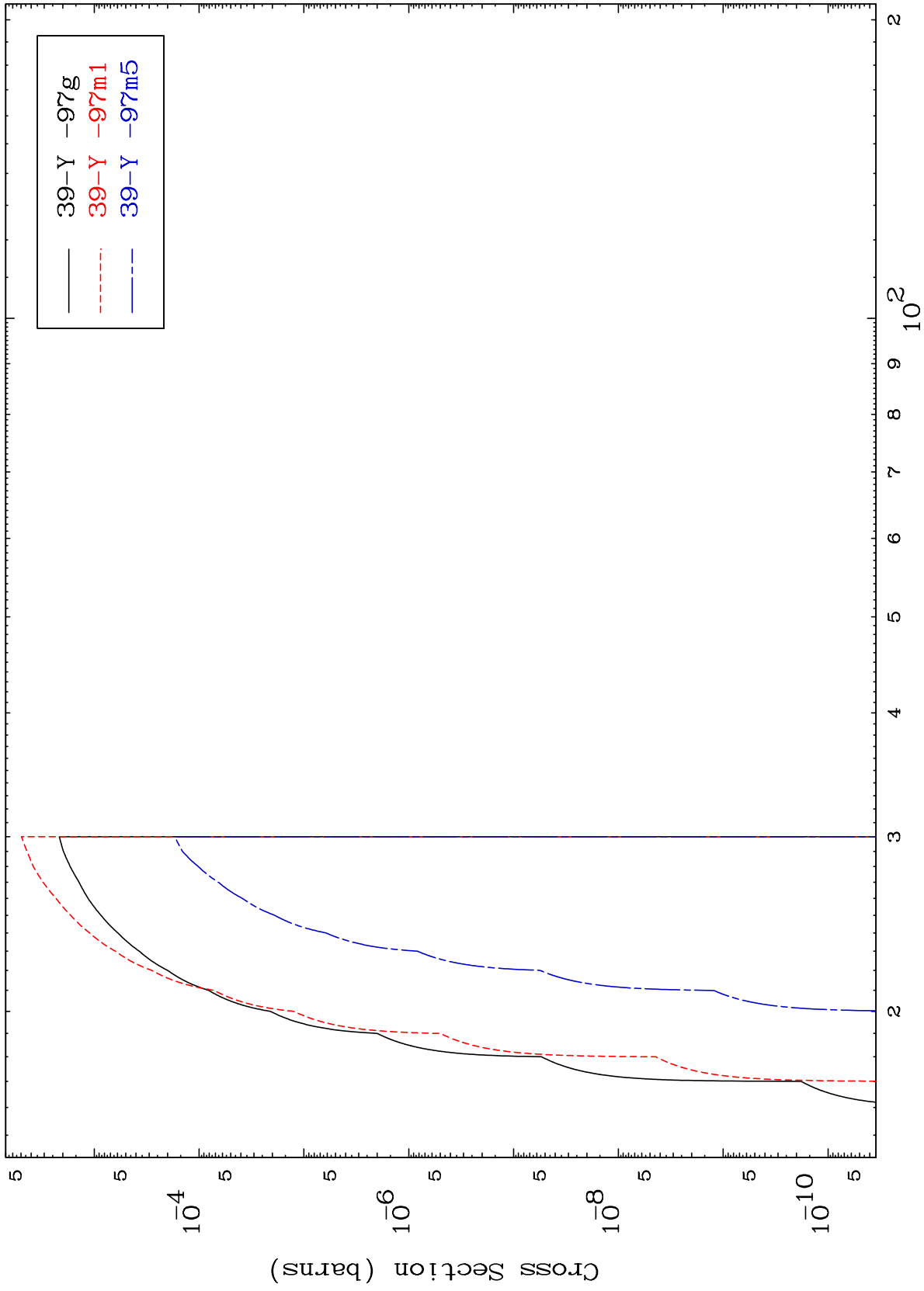


135

Incident Energy (MeV)

40-Zr-99

Radionuclide Production Cross Section

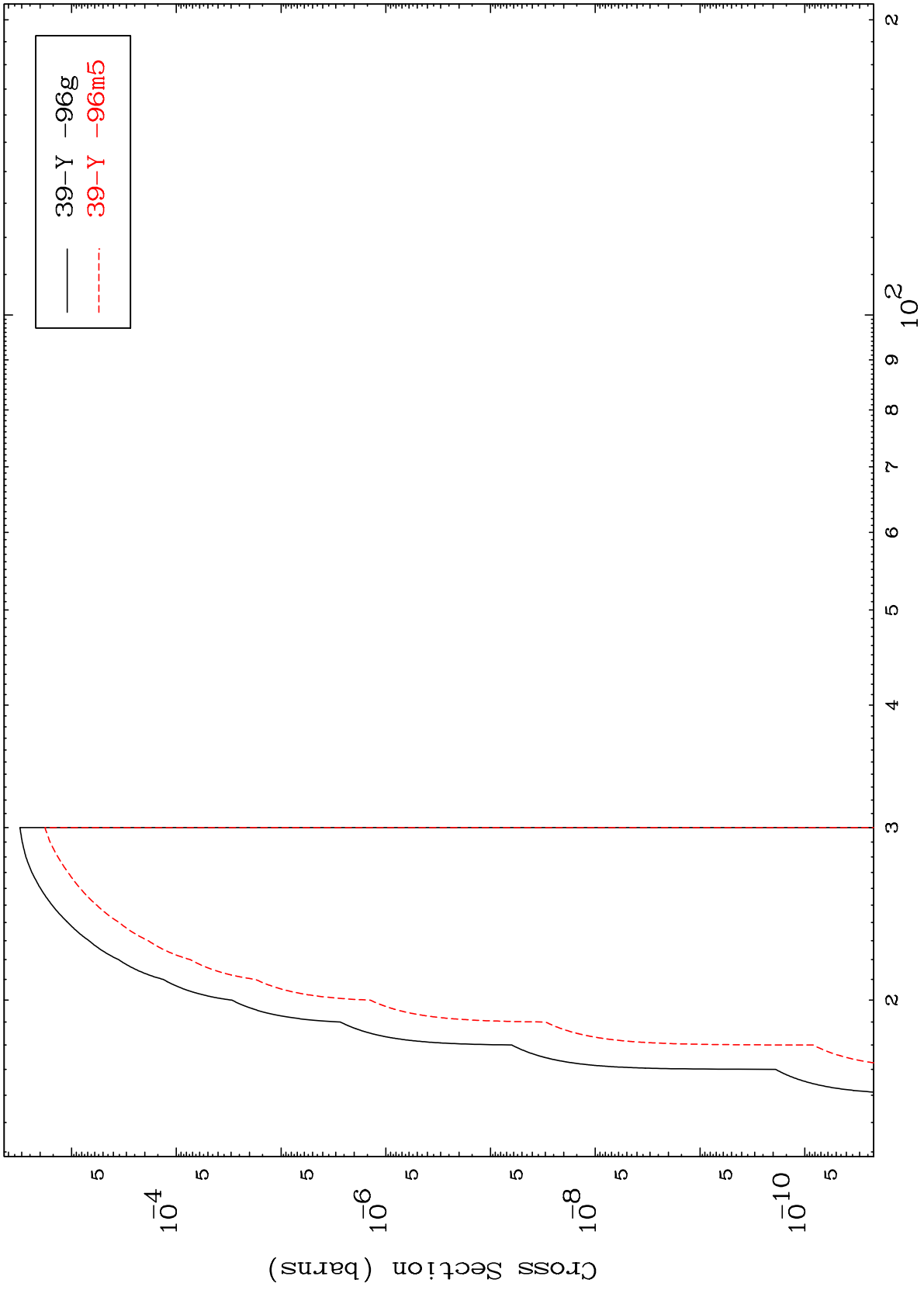


MAT 4052

(n,n') t

40-Zr-99

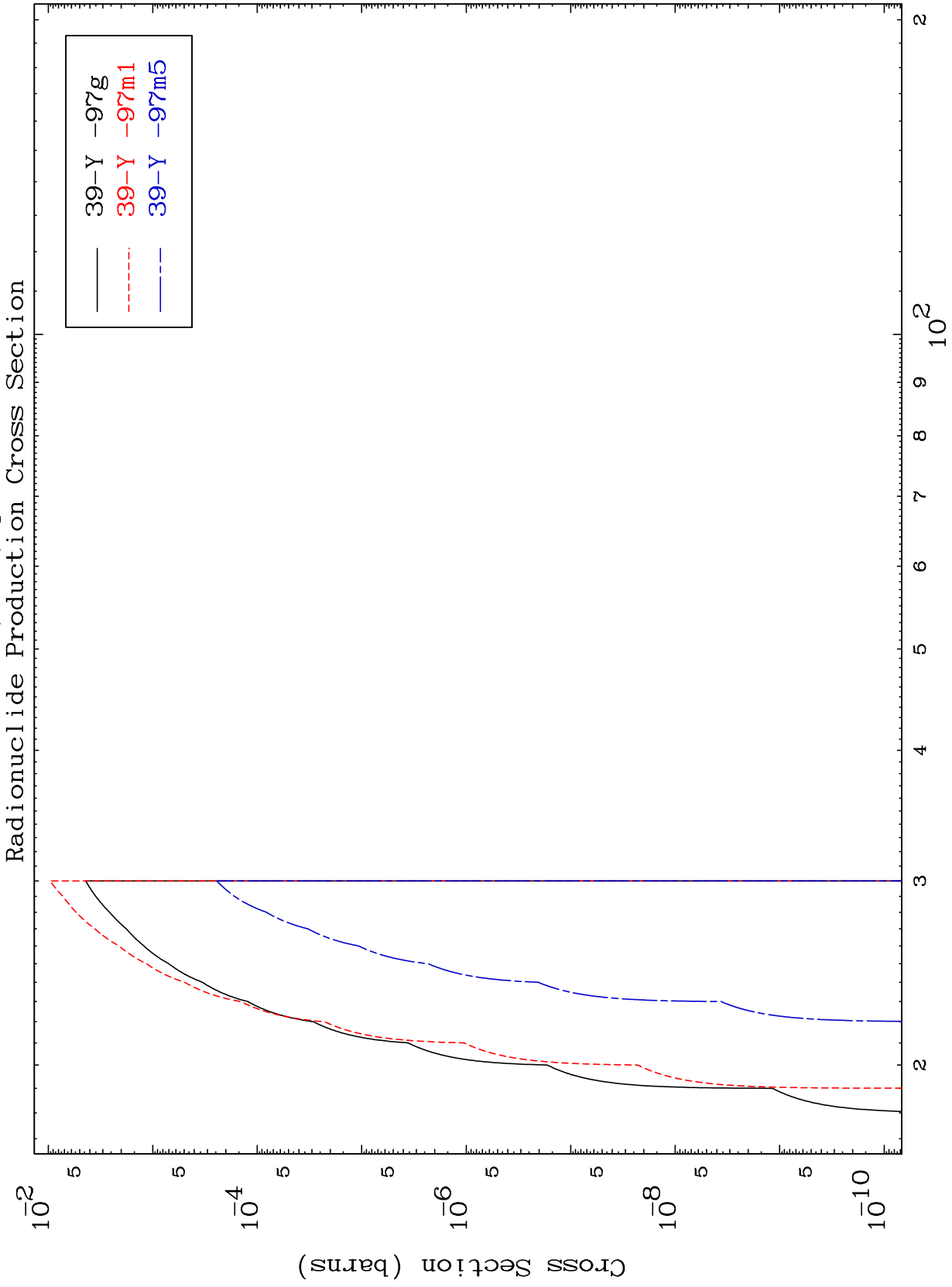
Radionuclide Production Cross Section



137

Incident Energy (MeV)

40-Zr-99

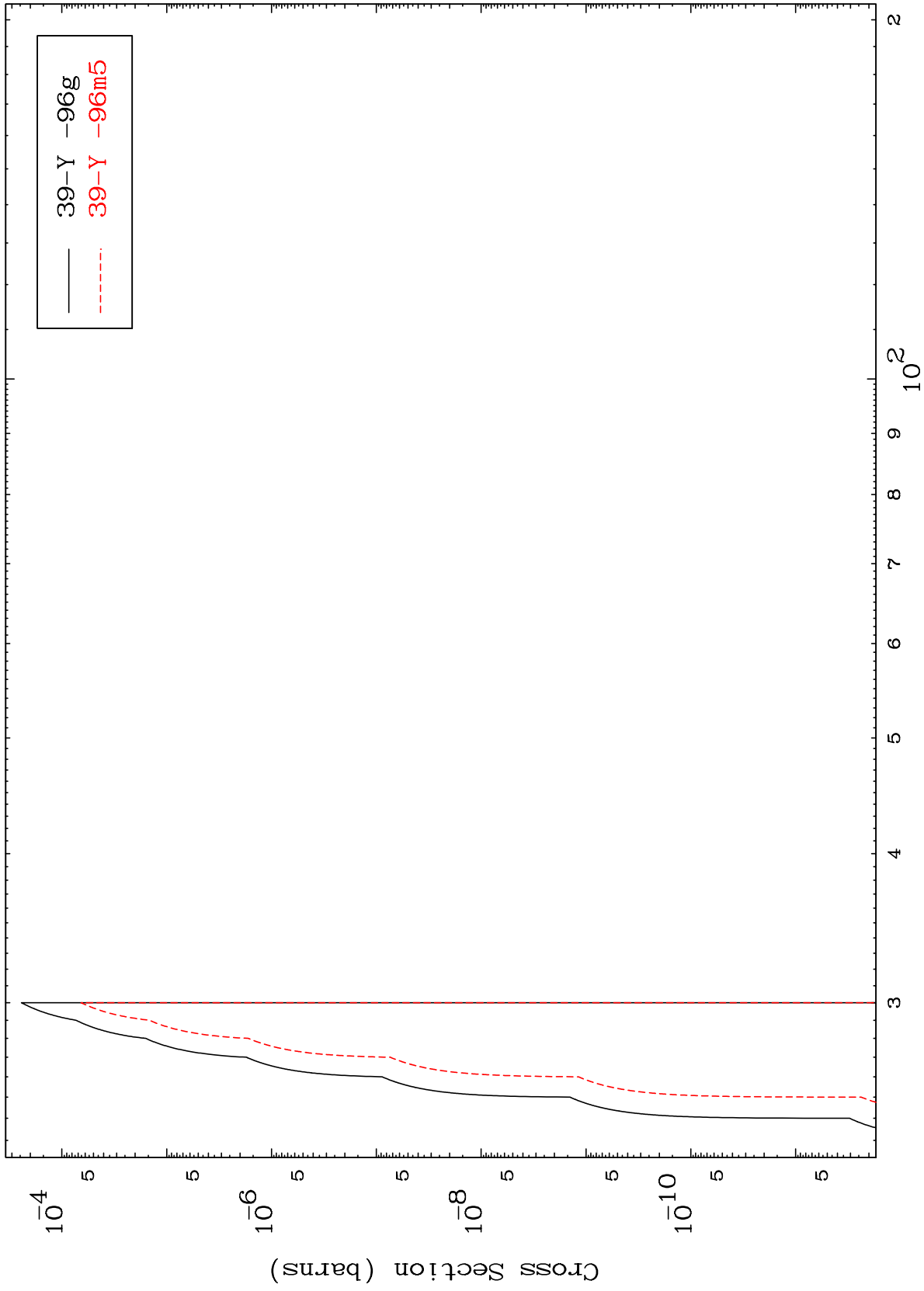


MAT 4052

(n,3n) p

40-Zr-99

Radionuclide Production Cross Section



139

Incident Energy (MeV)

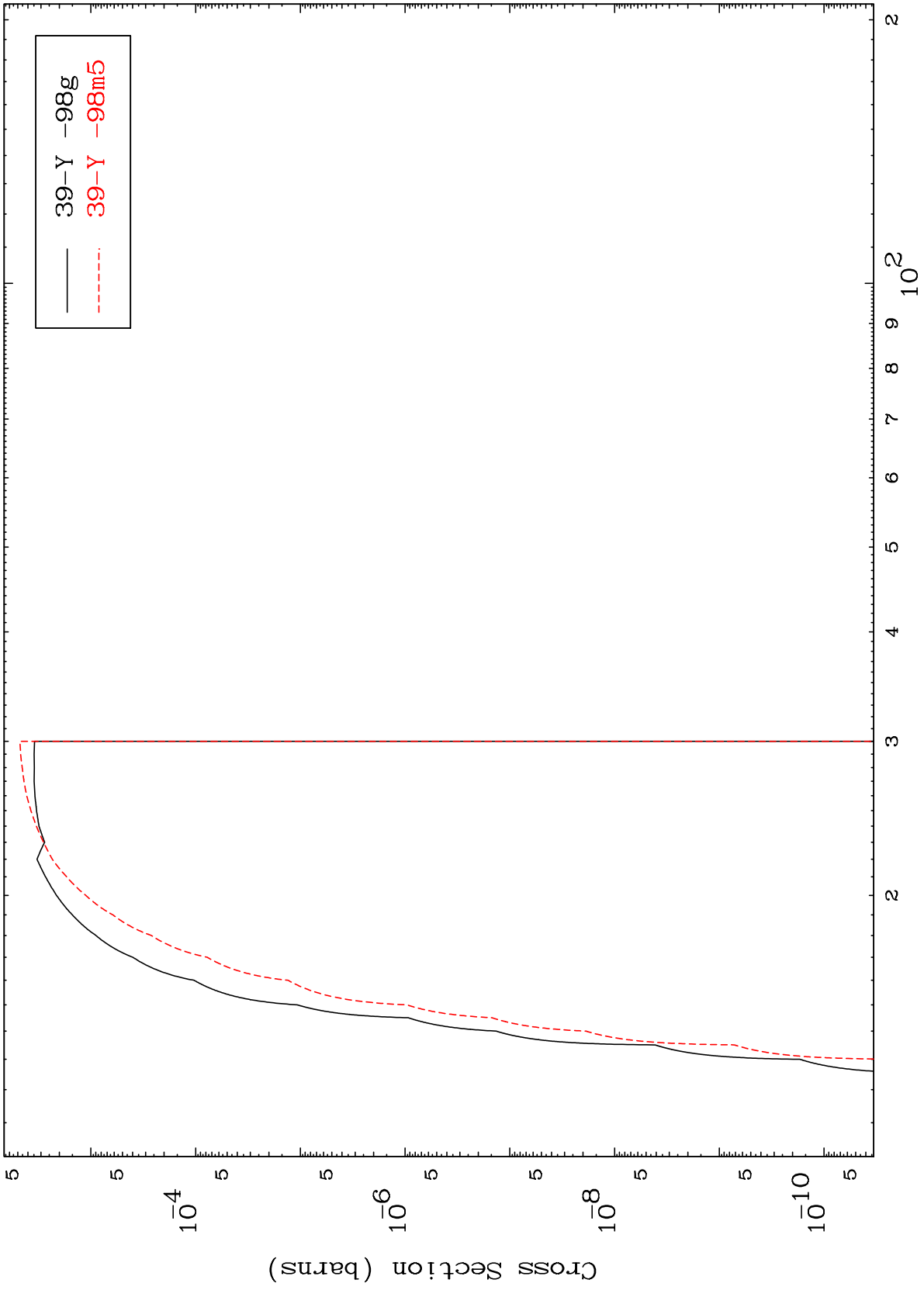
40-Zr-99

MAT 4052

(n,d)

40-Zr-99

Radionuclide Production Cross Section



140

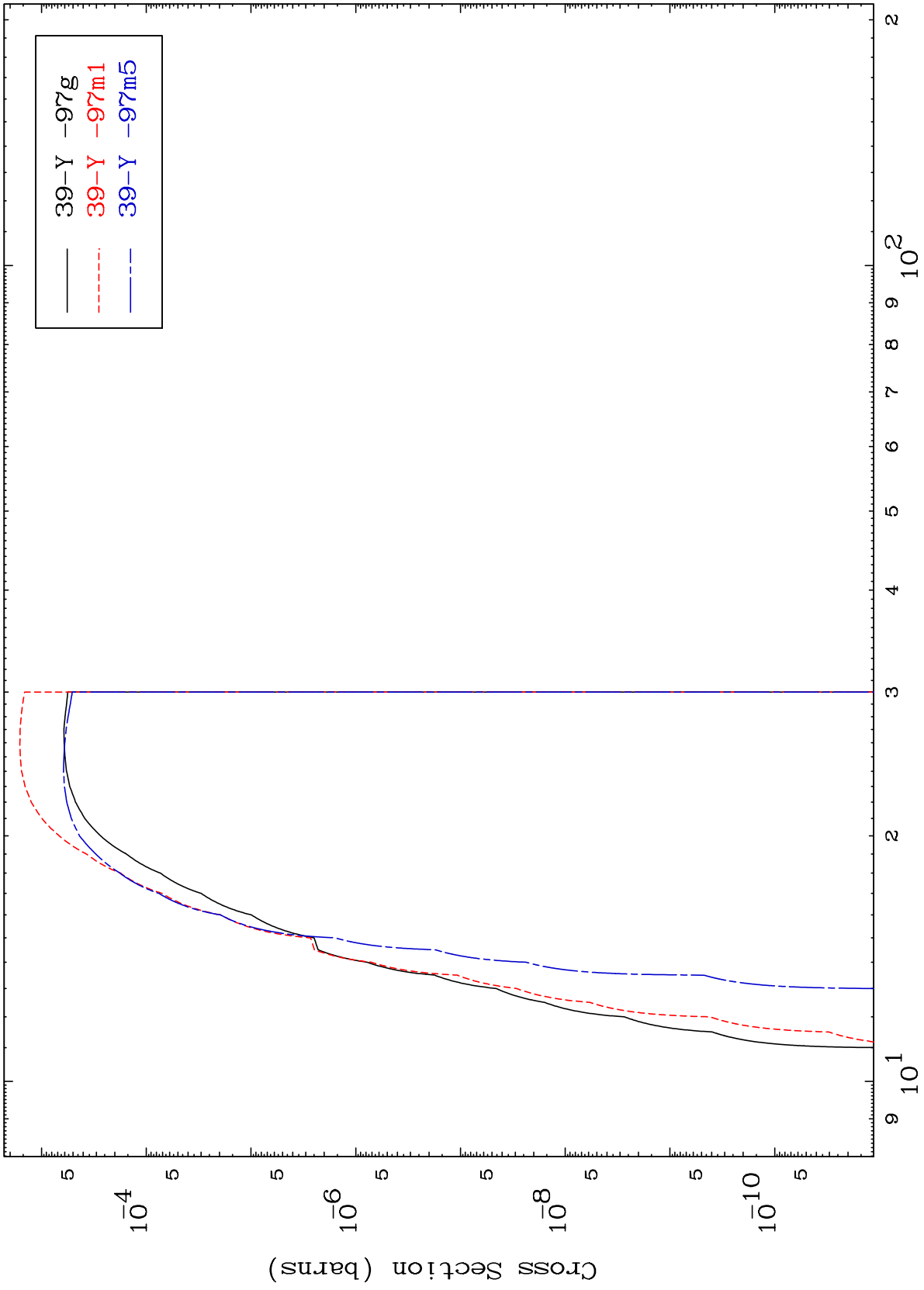
Incident Energy (MeV)

40-Zr-99

MAT 4052

40-Zr-99

(n, t)
Radionuclide Production Cross Section



141

40-Zr-99