

Program EVALPLOT
(Version 2018-1)

by

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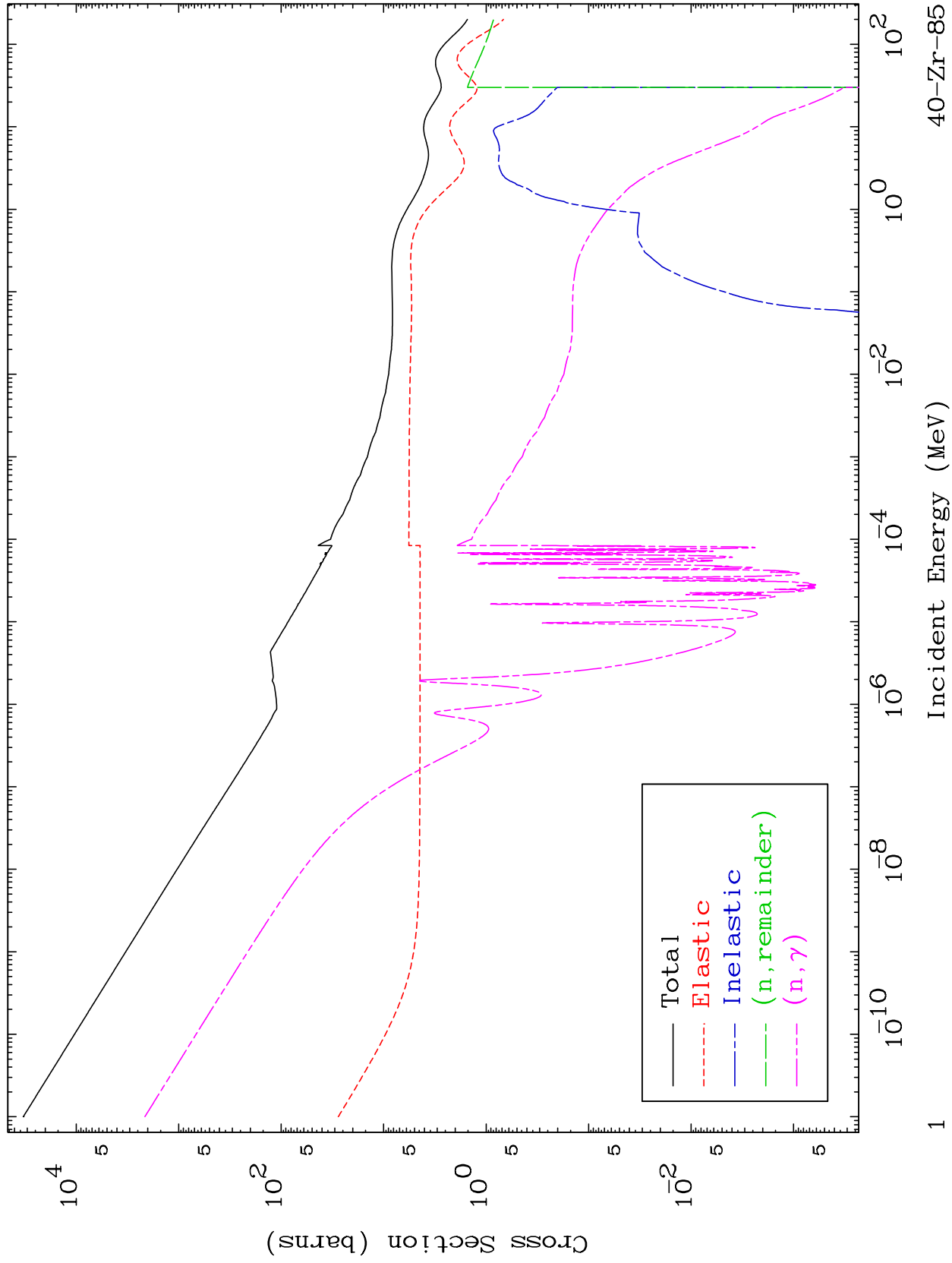
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4010

Major
293 Kelvin Cross Sections

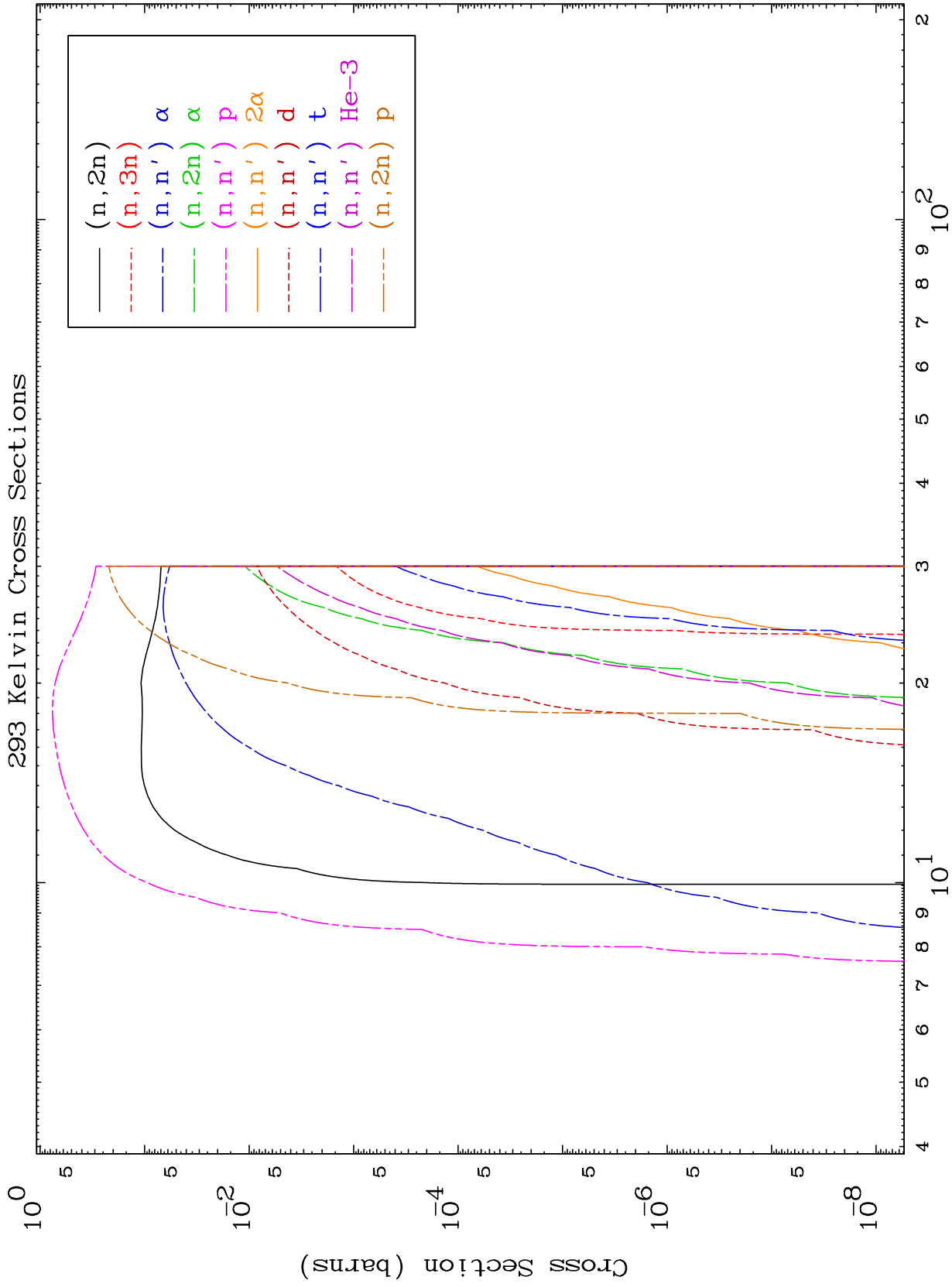
40-Zr-85



MAT 4010

Neutron Production
293 Kelvin Cross Sections

40-Zr-85



2

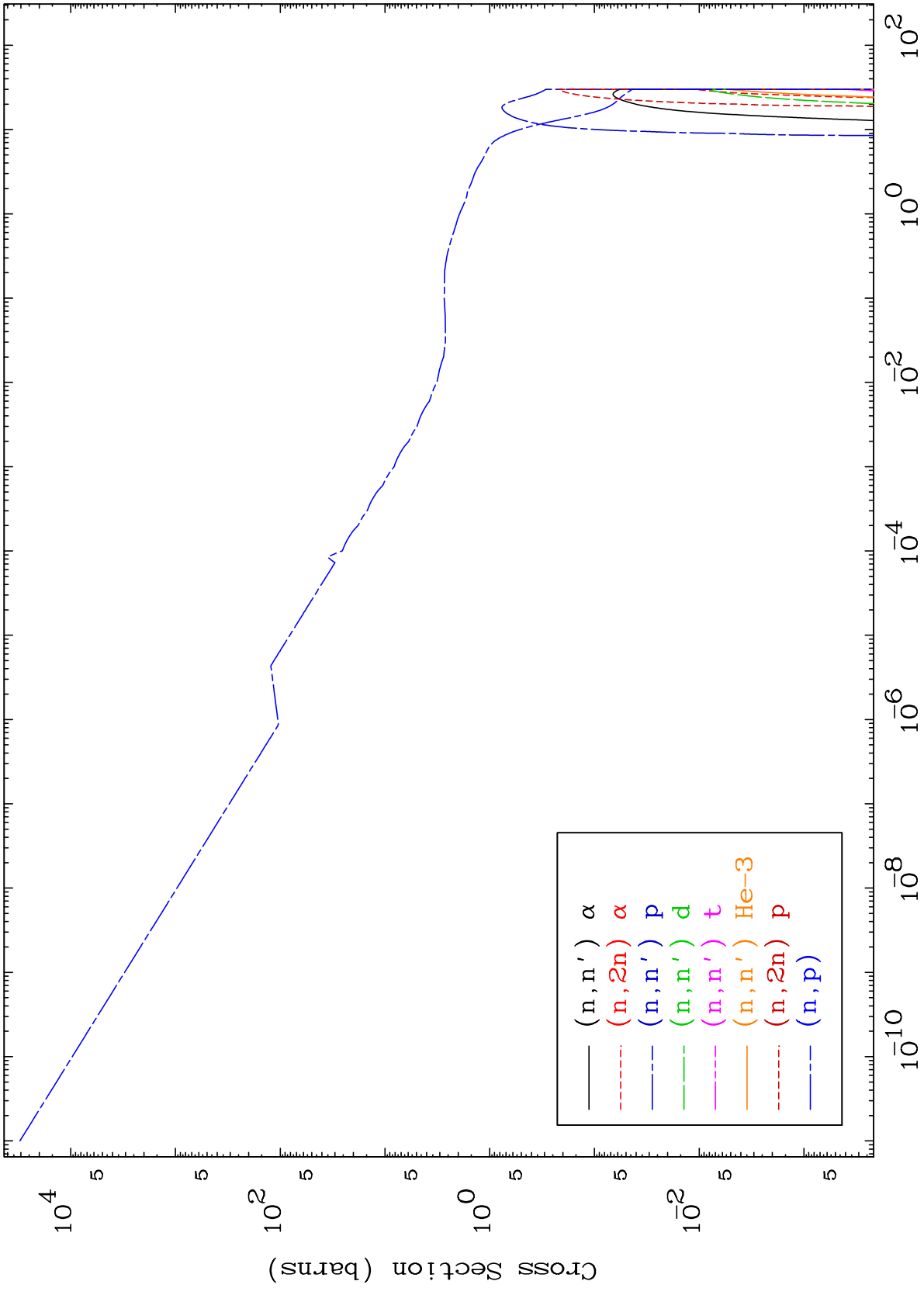
Incident Energy (MeV)

40-Zr-85

MAT 4010

293 Kelvin Cross Sections

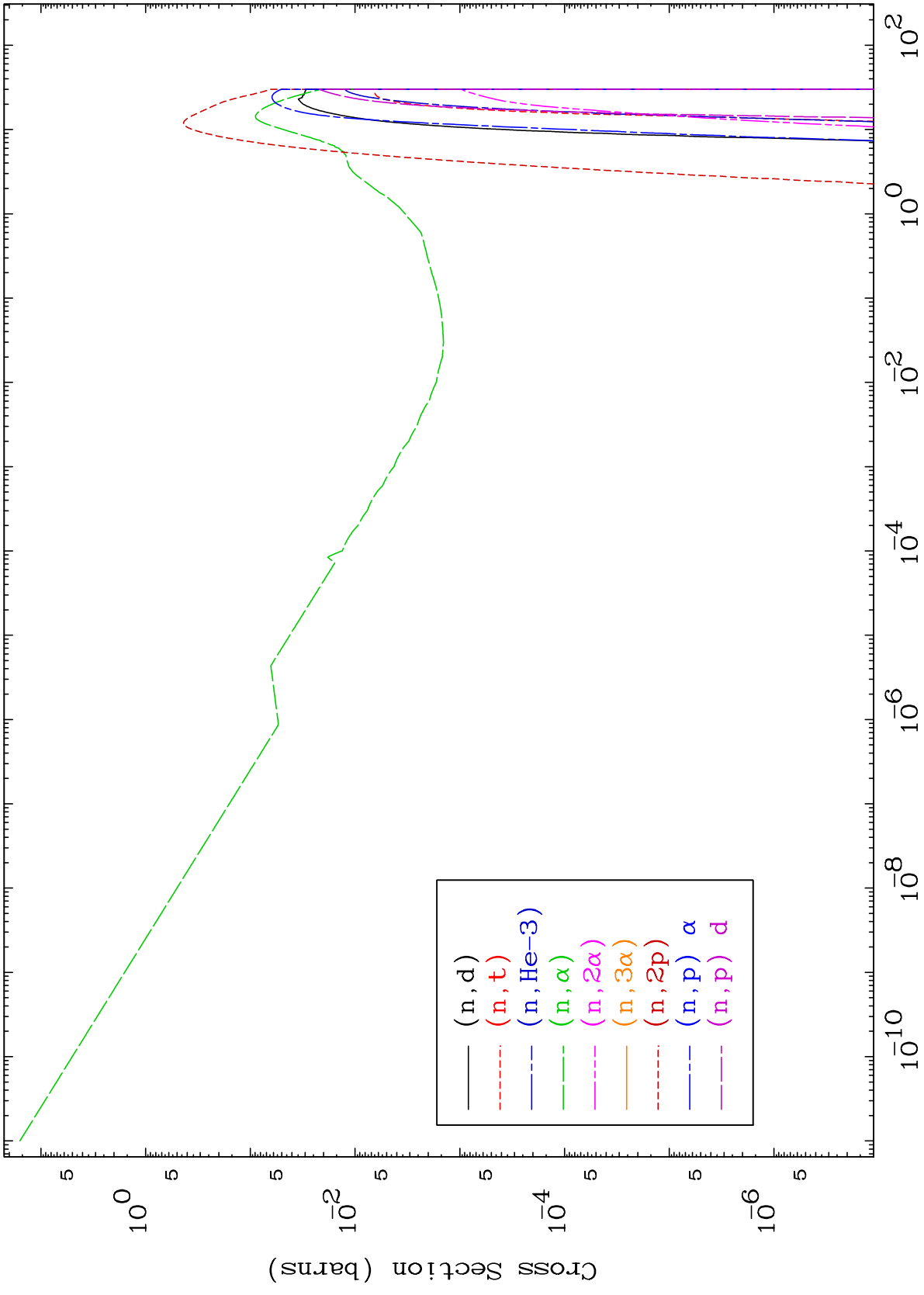
40-Zr-85



MAT 4010

293 Kelvin Cross Sections

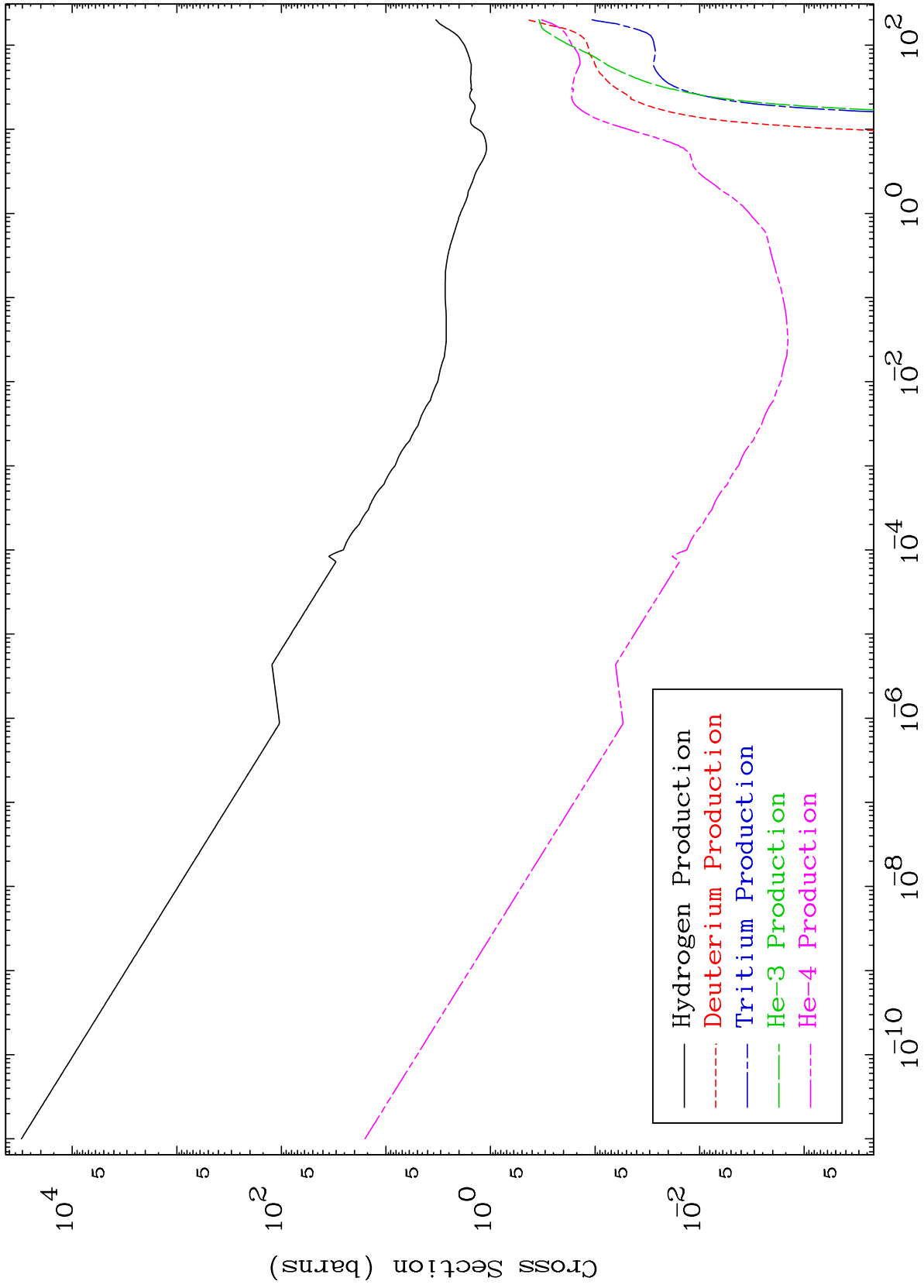
40-Zr-85



MAT 4010

Particle Production
293 Kelvin Cross Sections

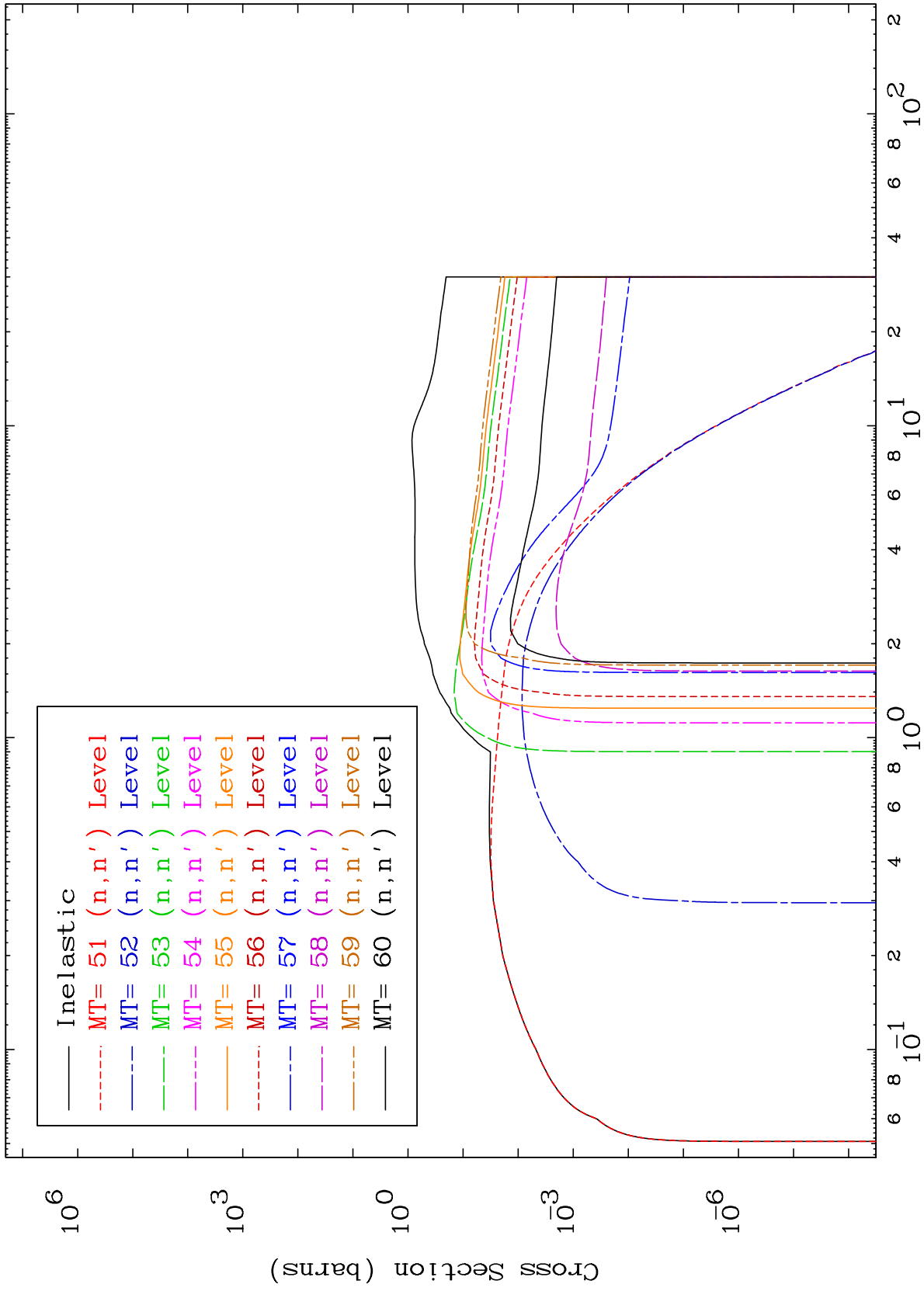
40-Zr-85



MAT 4010

(n,n') Level
293 Kelvin Cross Sections

40-Zr-85

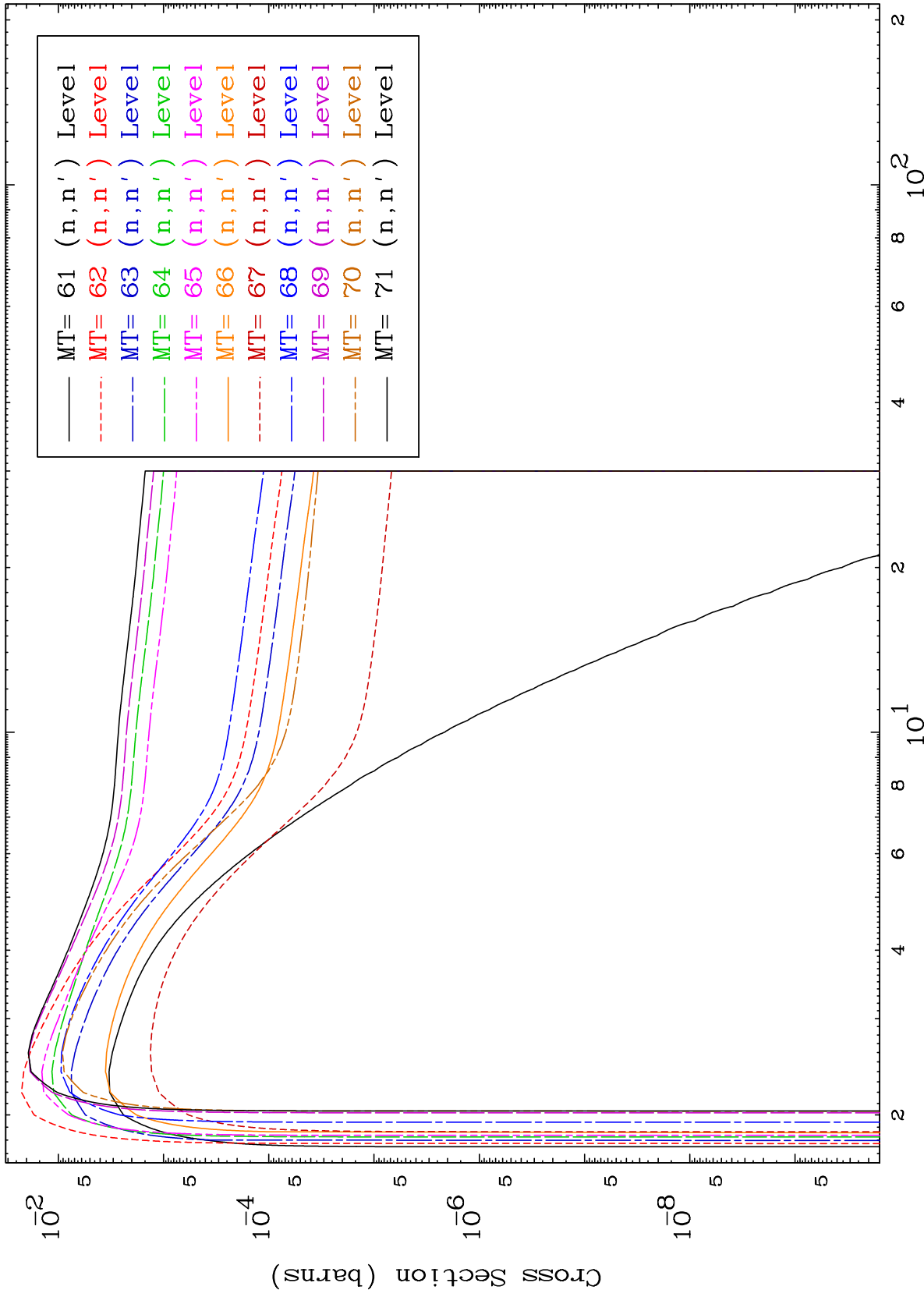


MAT 4010

(n,n') Level

293 Kelvin Cross Sections

40-Zr-85



7

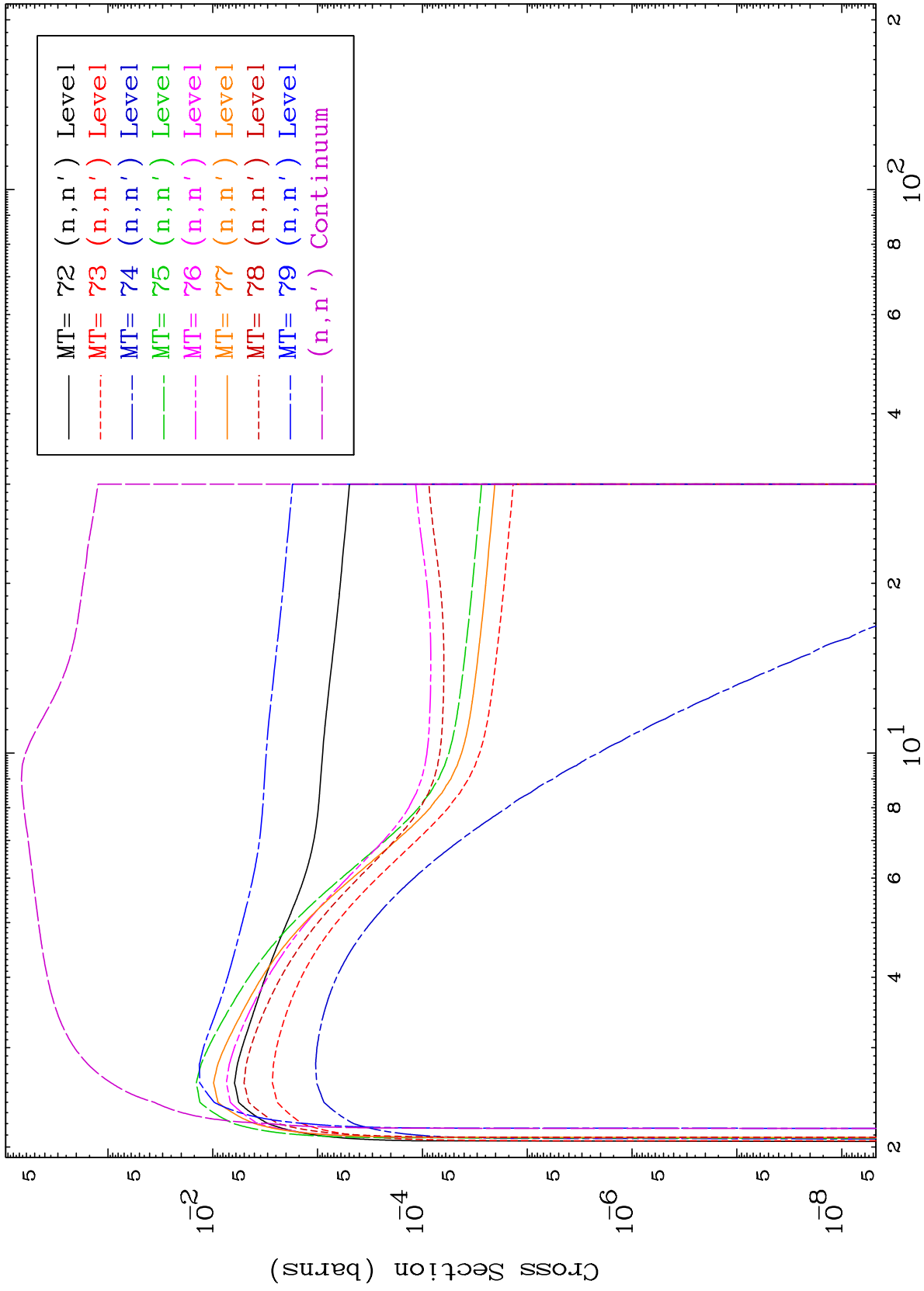
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,n') Level
293 Kelvin Cross Sections

40-Zr-85



8

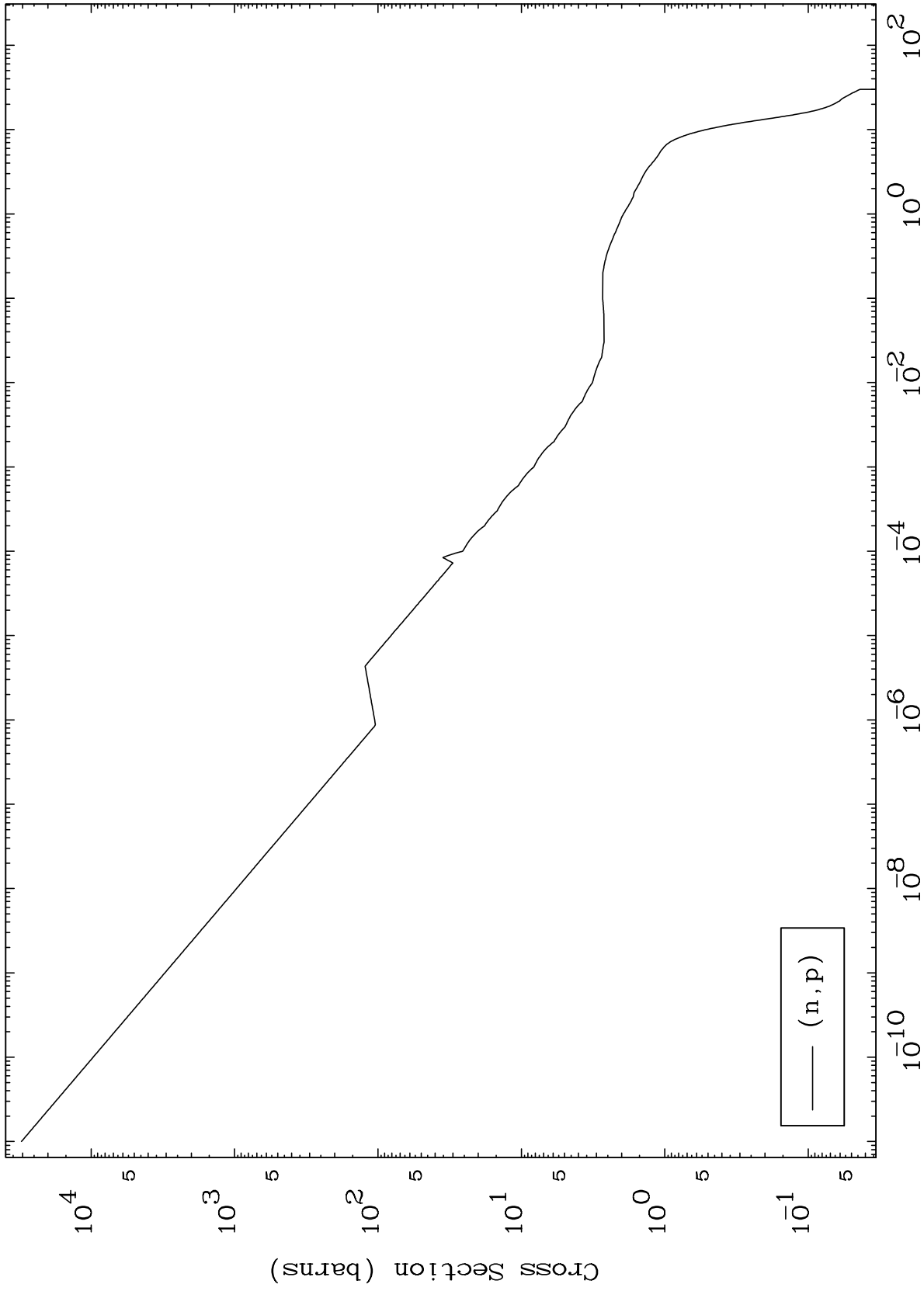
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-85



9

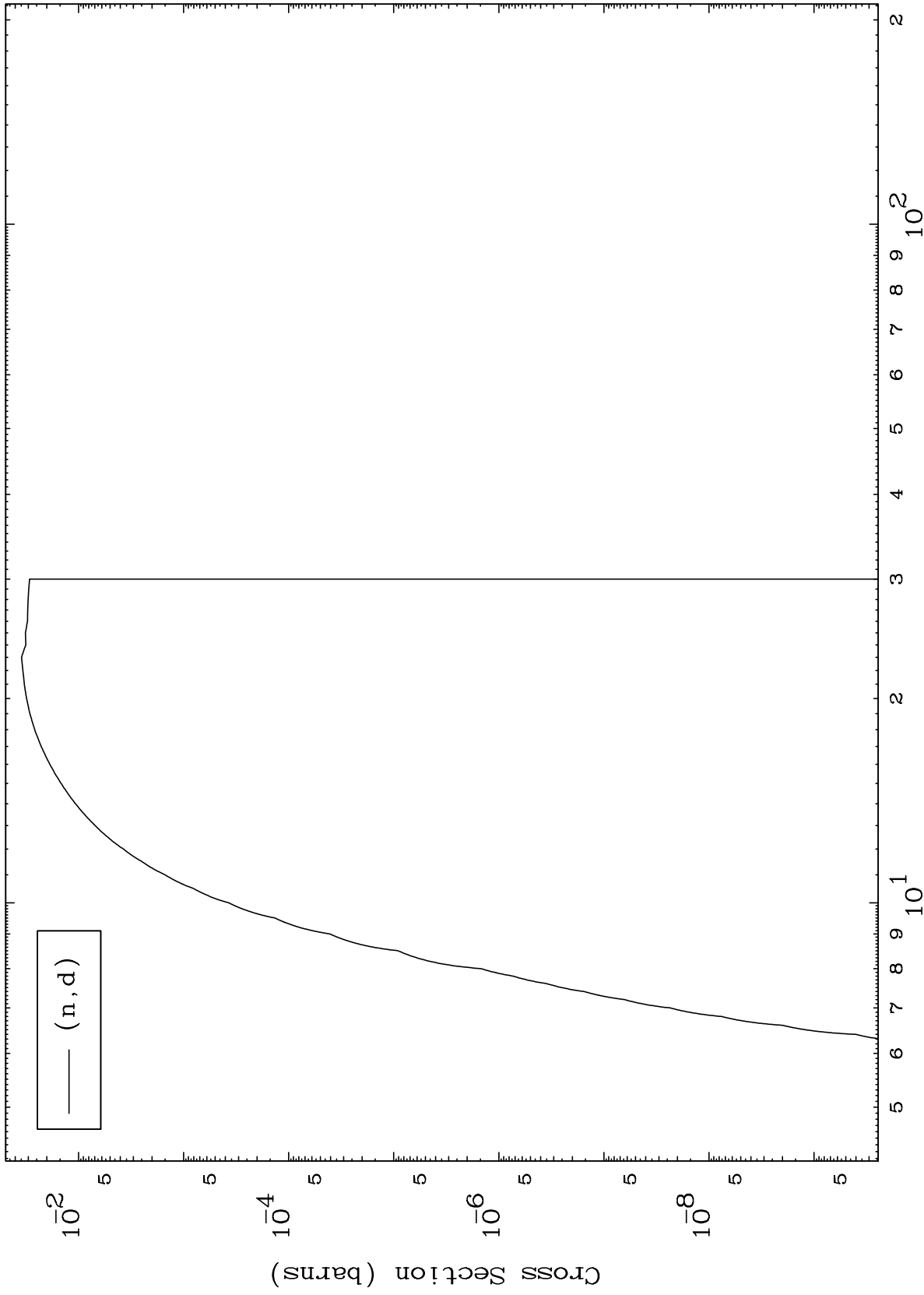
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-85



10

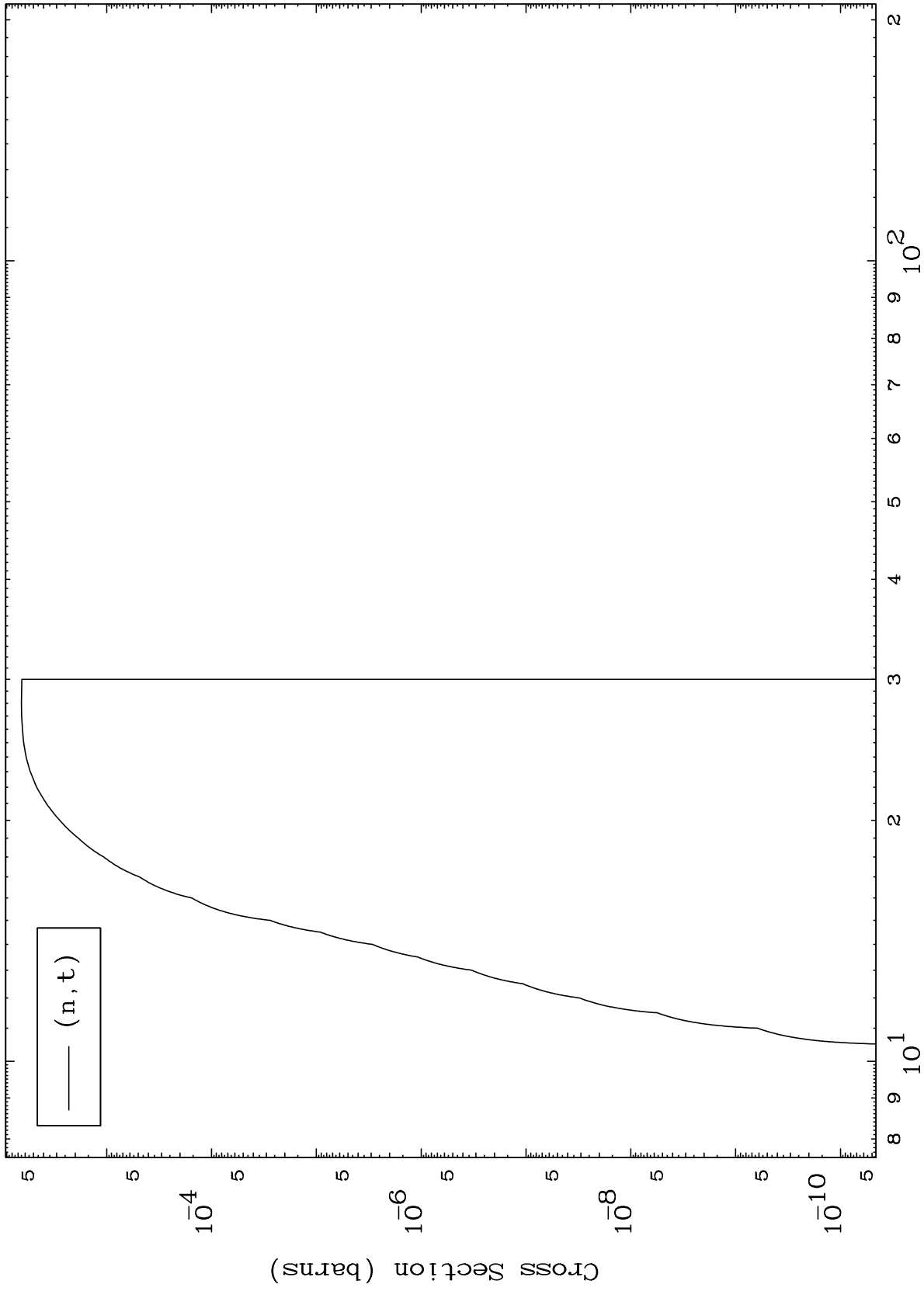
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-85



11

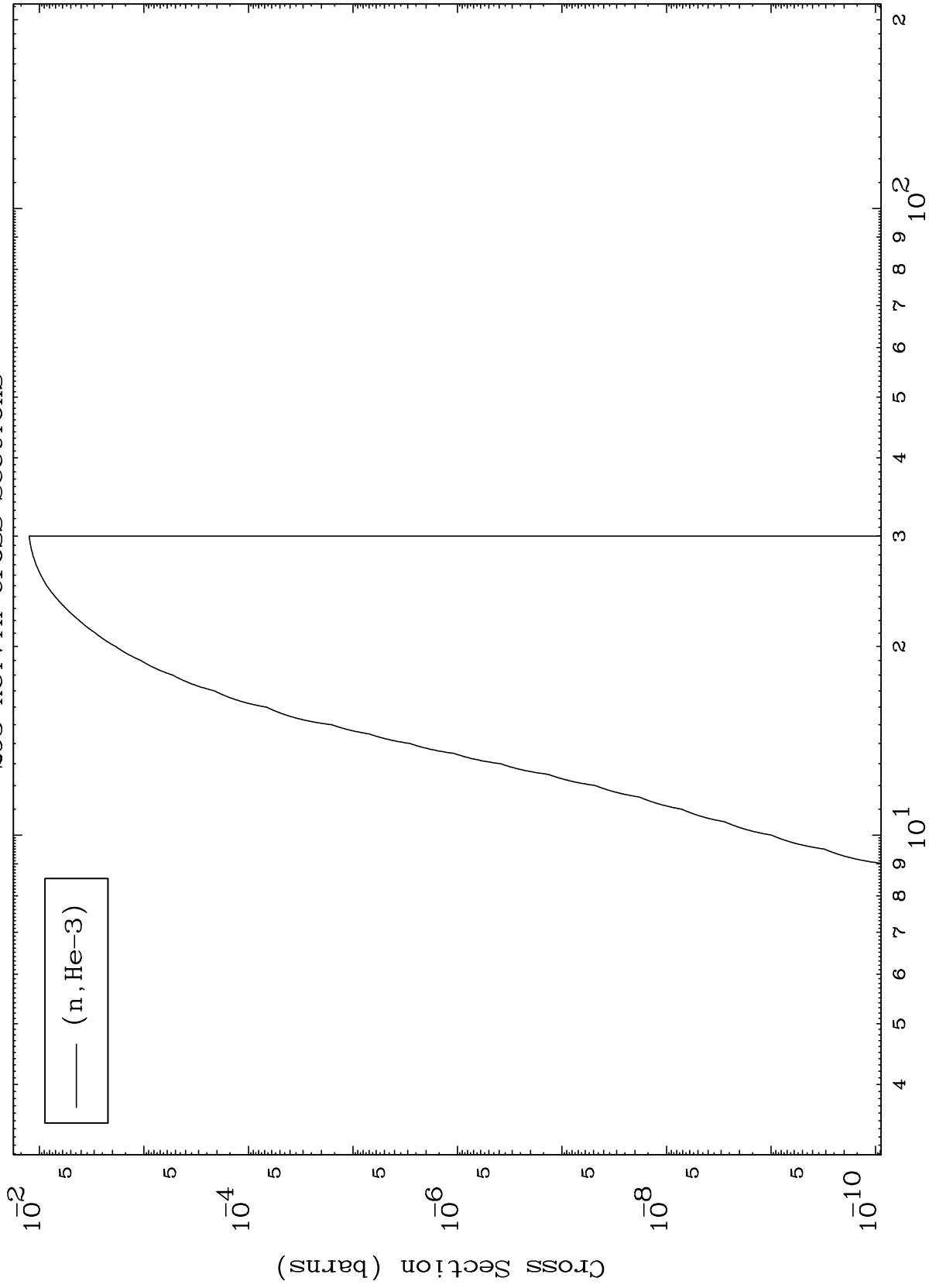
Incident Energy (MeV)

40-Zr-85

MAT 4010

(n,He3) Levels
293 Kelvin Cross Sections

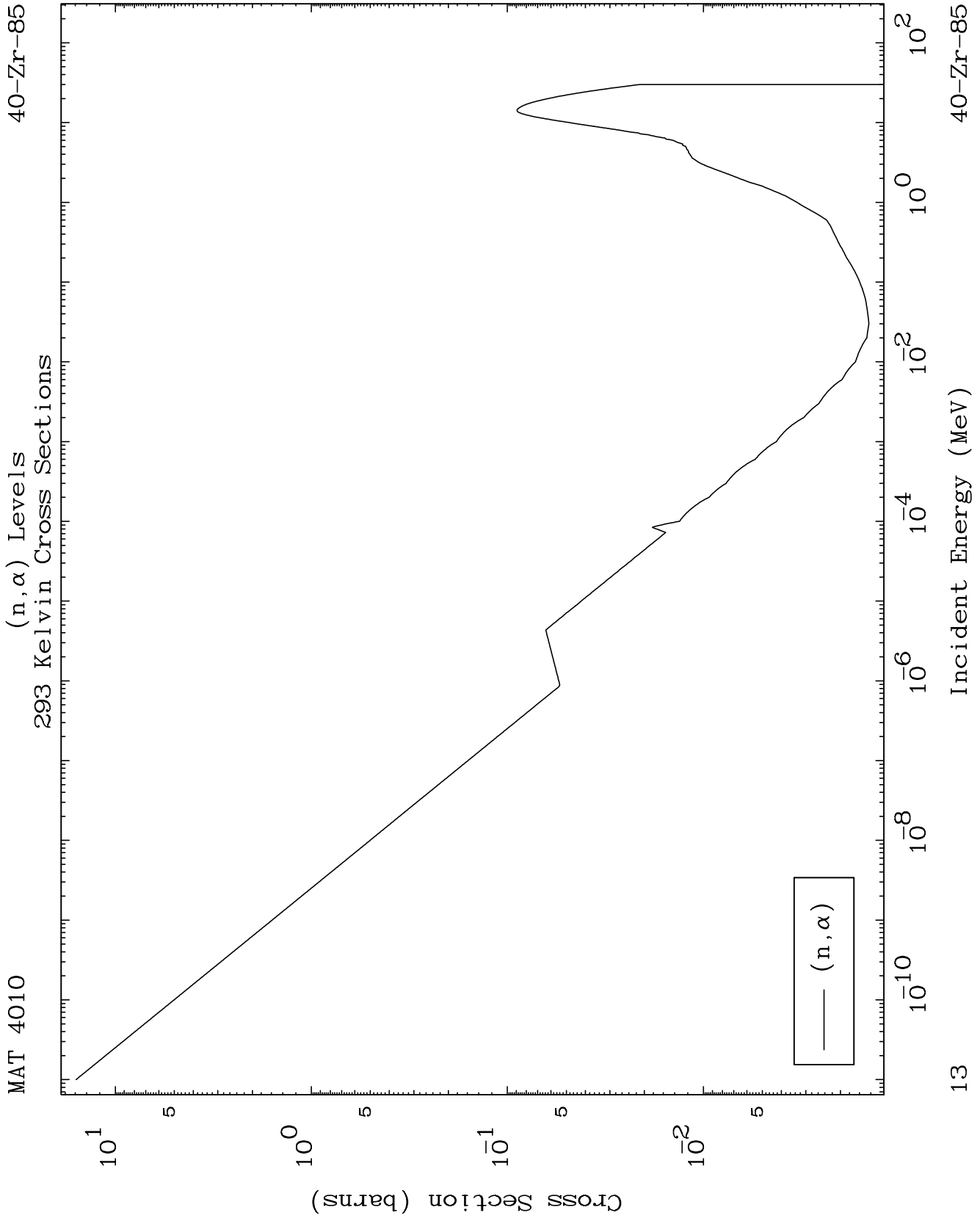
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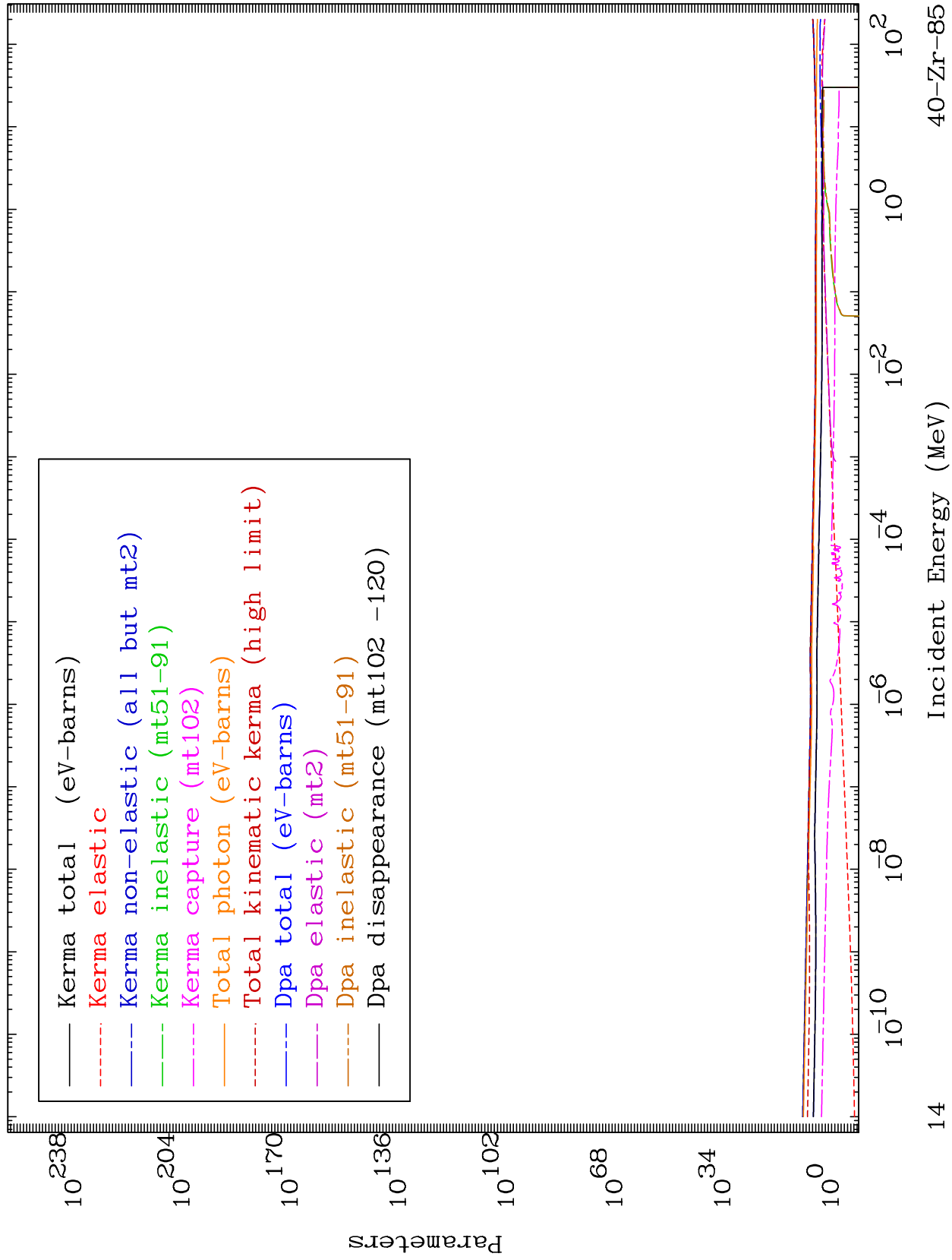


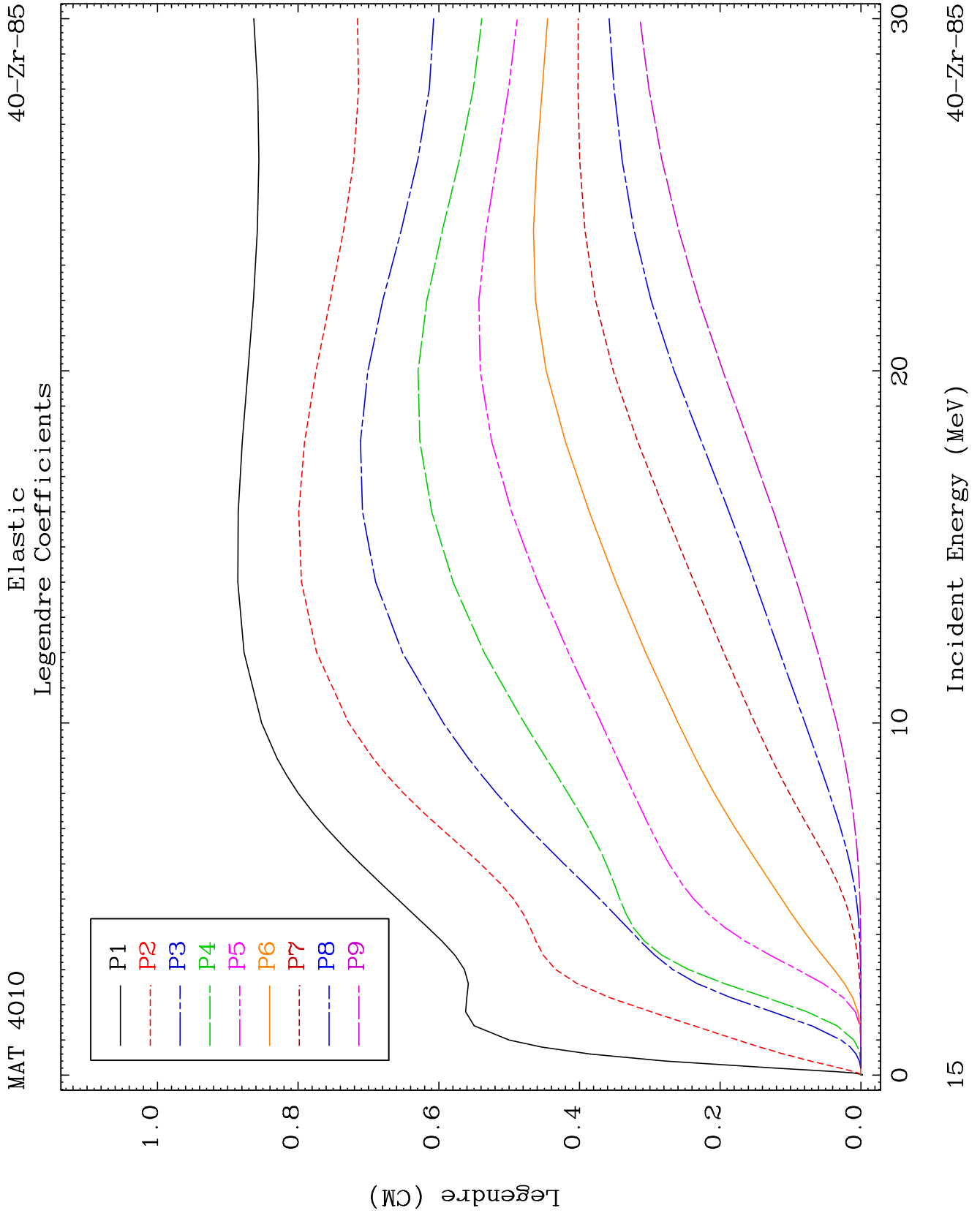
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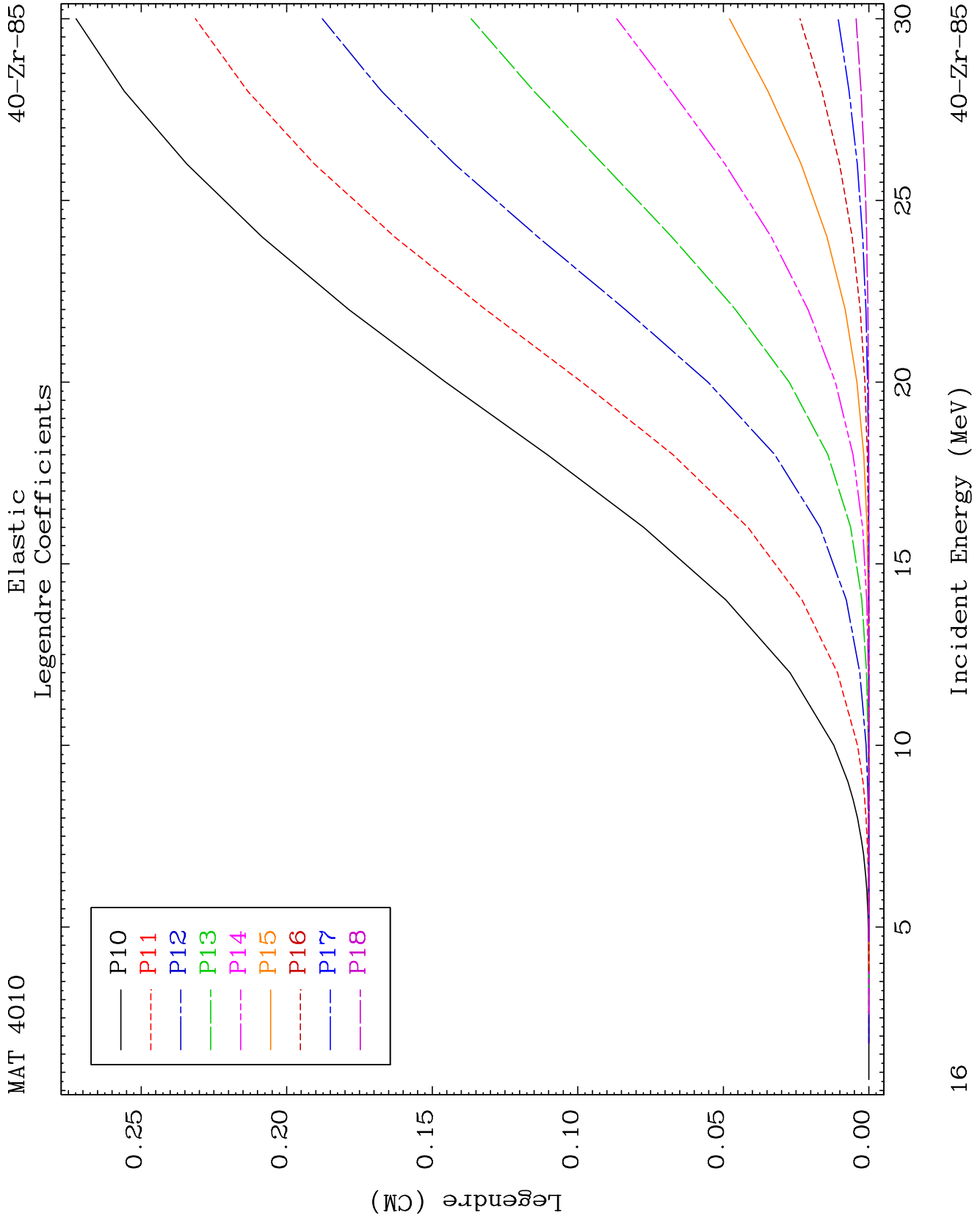
Incident Energy (MeV)

40-Zr-85





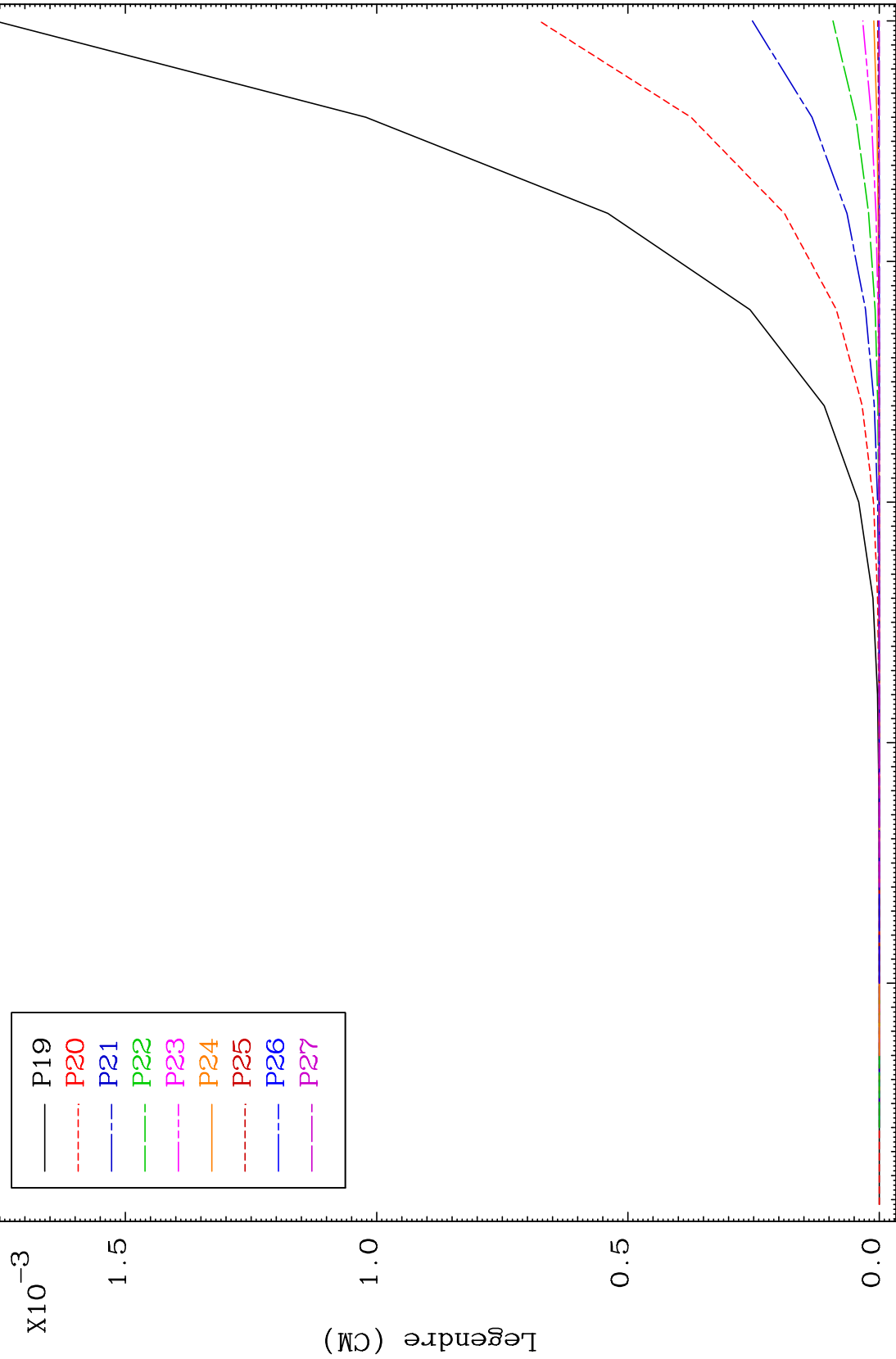
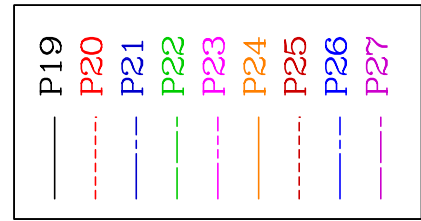




MAT 4010

Elastic Legendre Coefficients

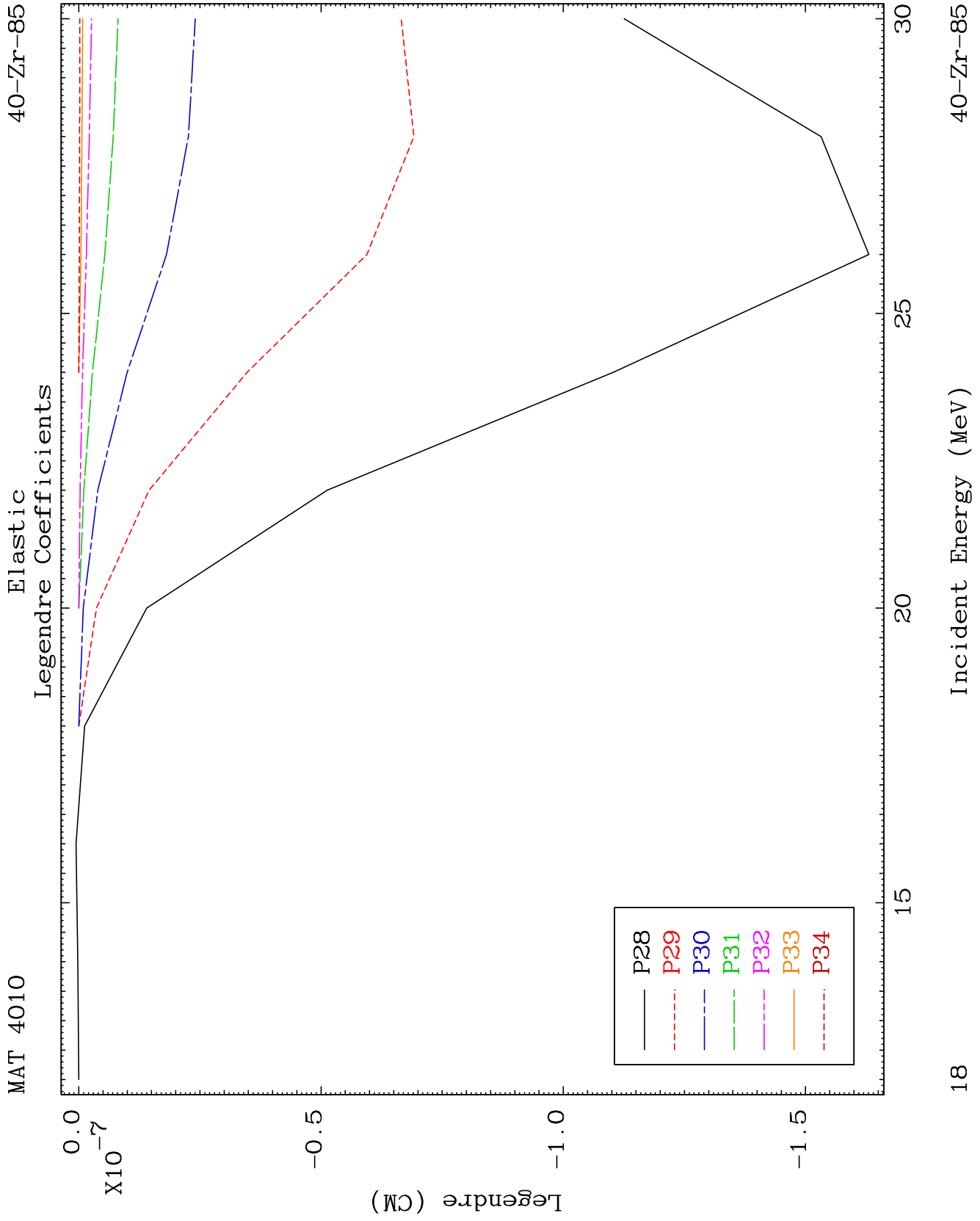
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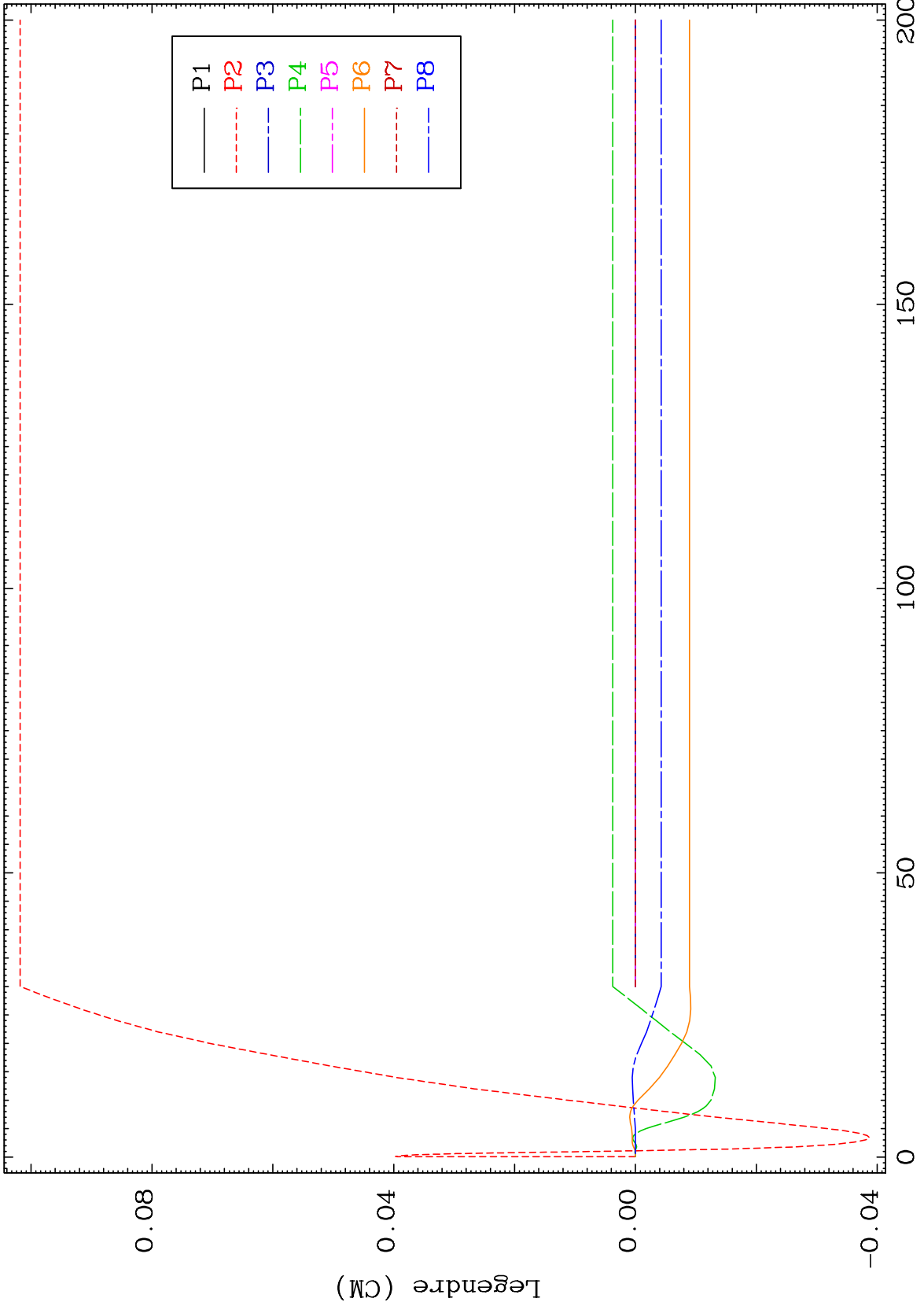
17

Incident Energy (MeV)

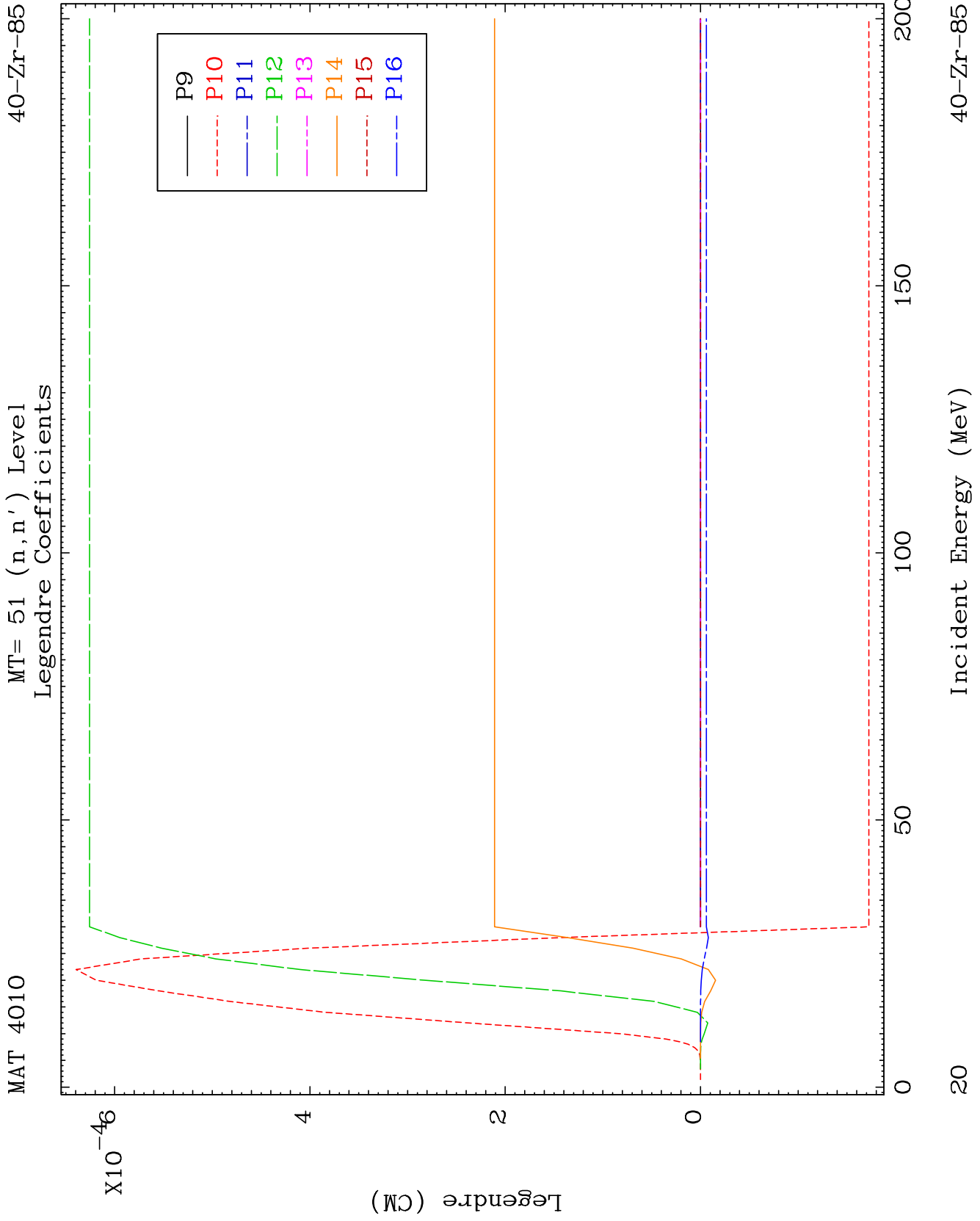
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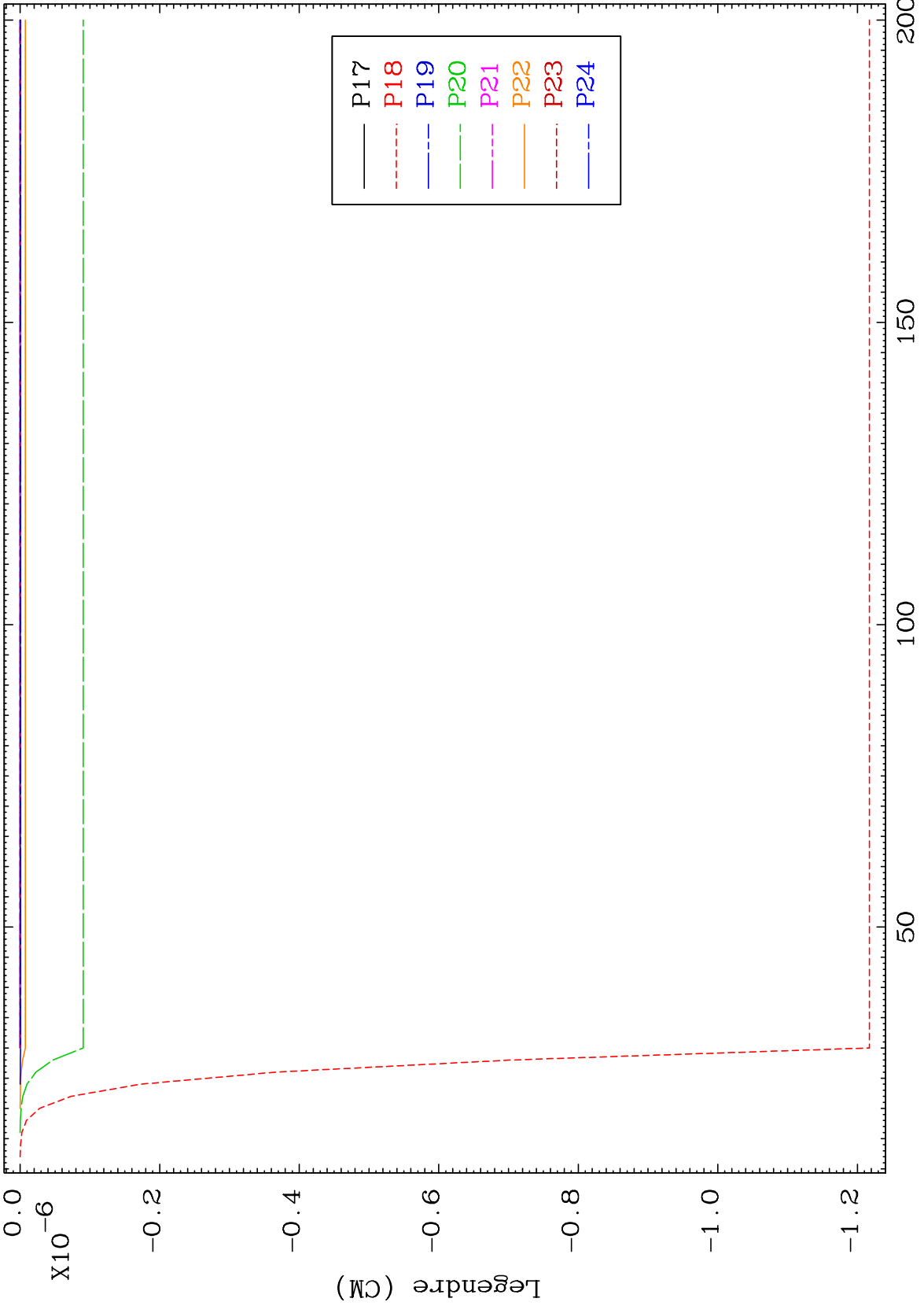
MAT 4010 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-85

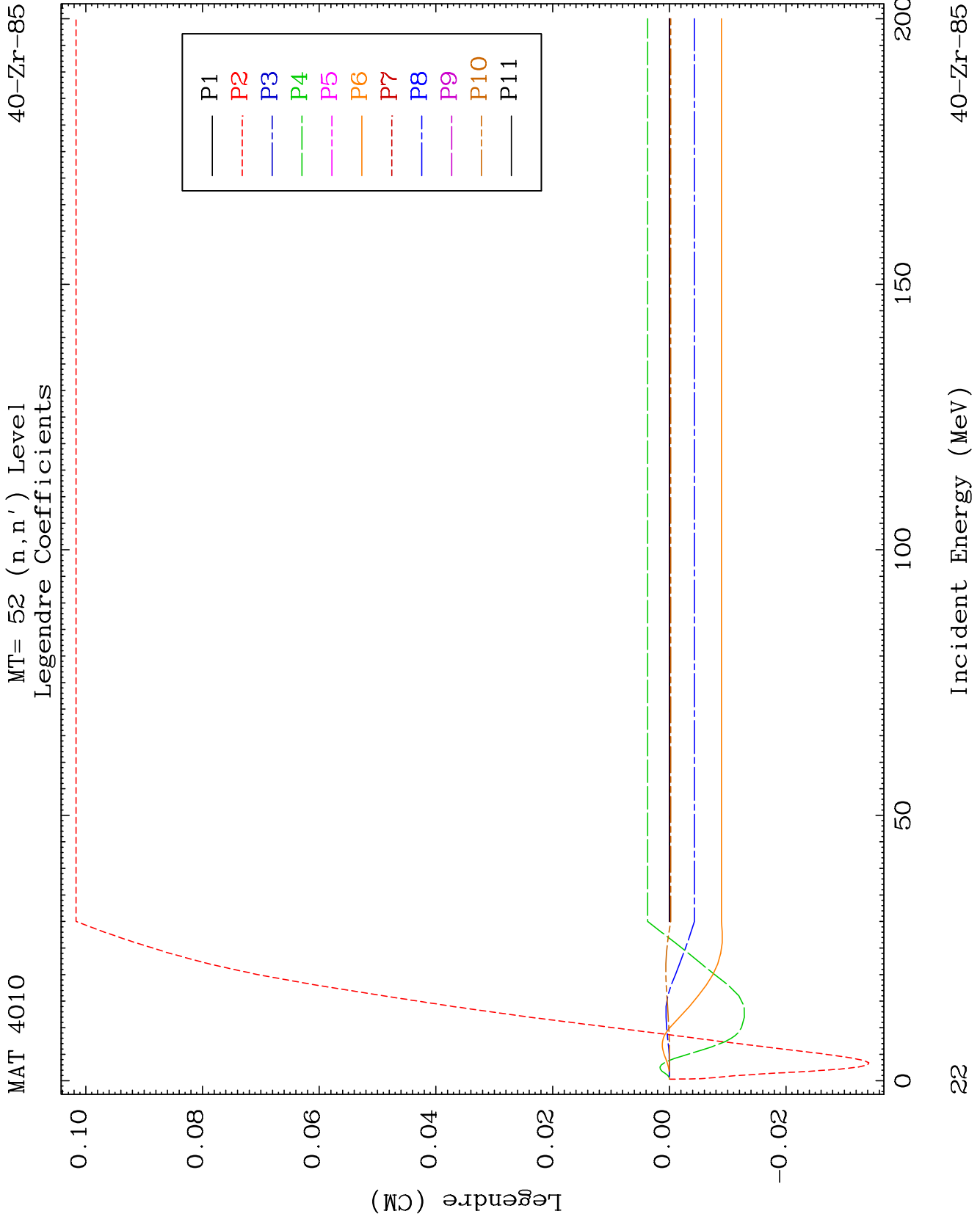


19 40-Zr-85



MAT 4010 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-85

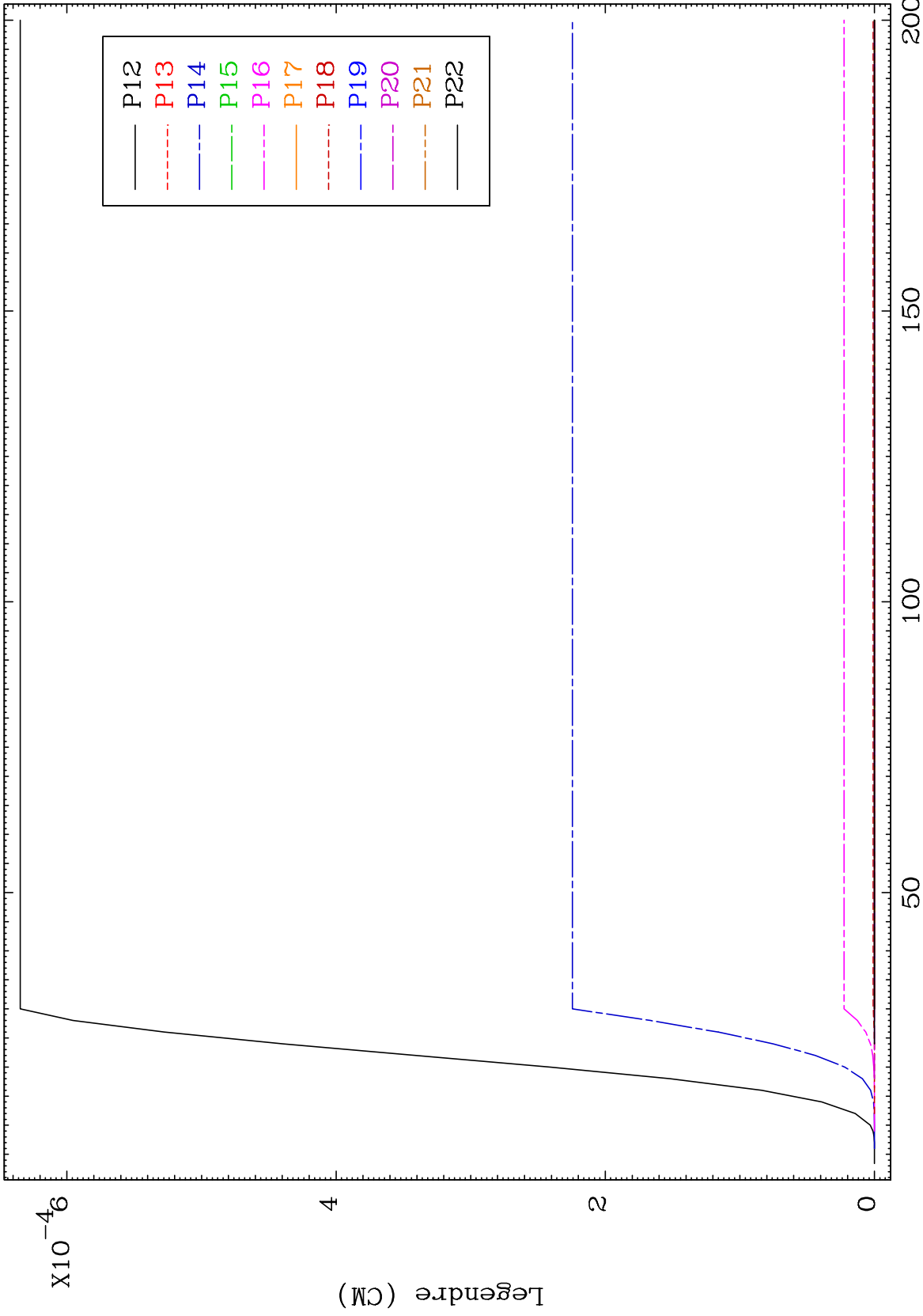




MAT 4010

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

40-Zr-85

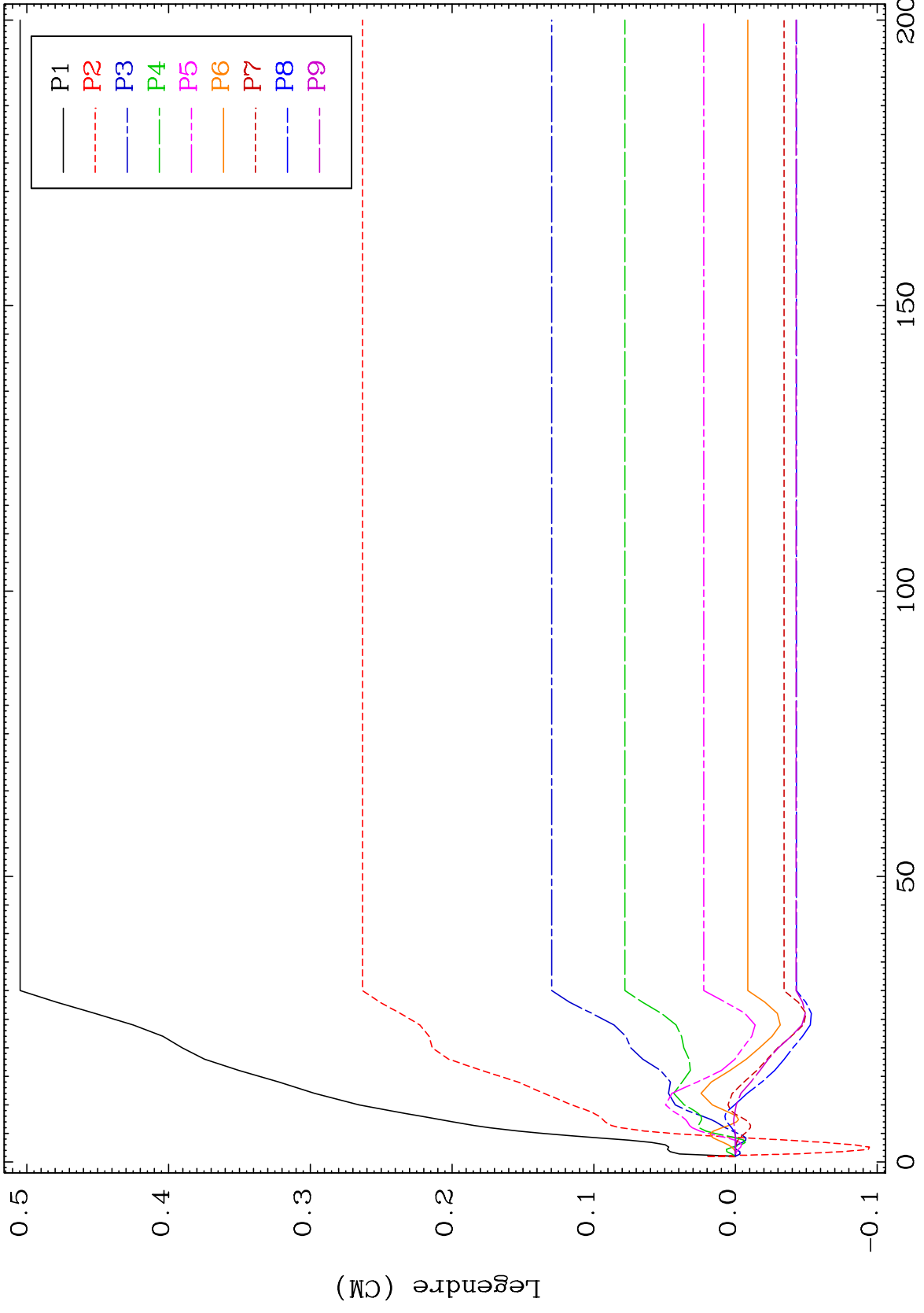


23

Incident Energy (MeV)

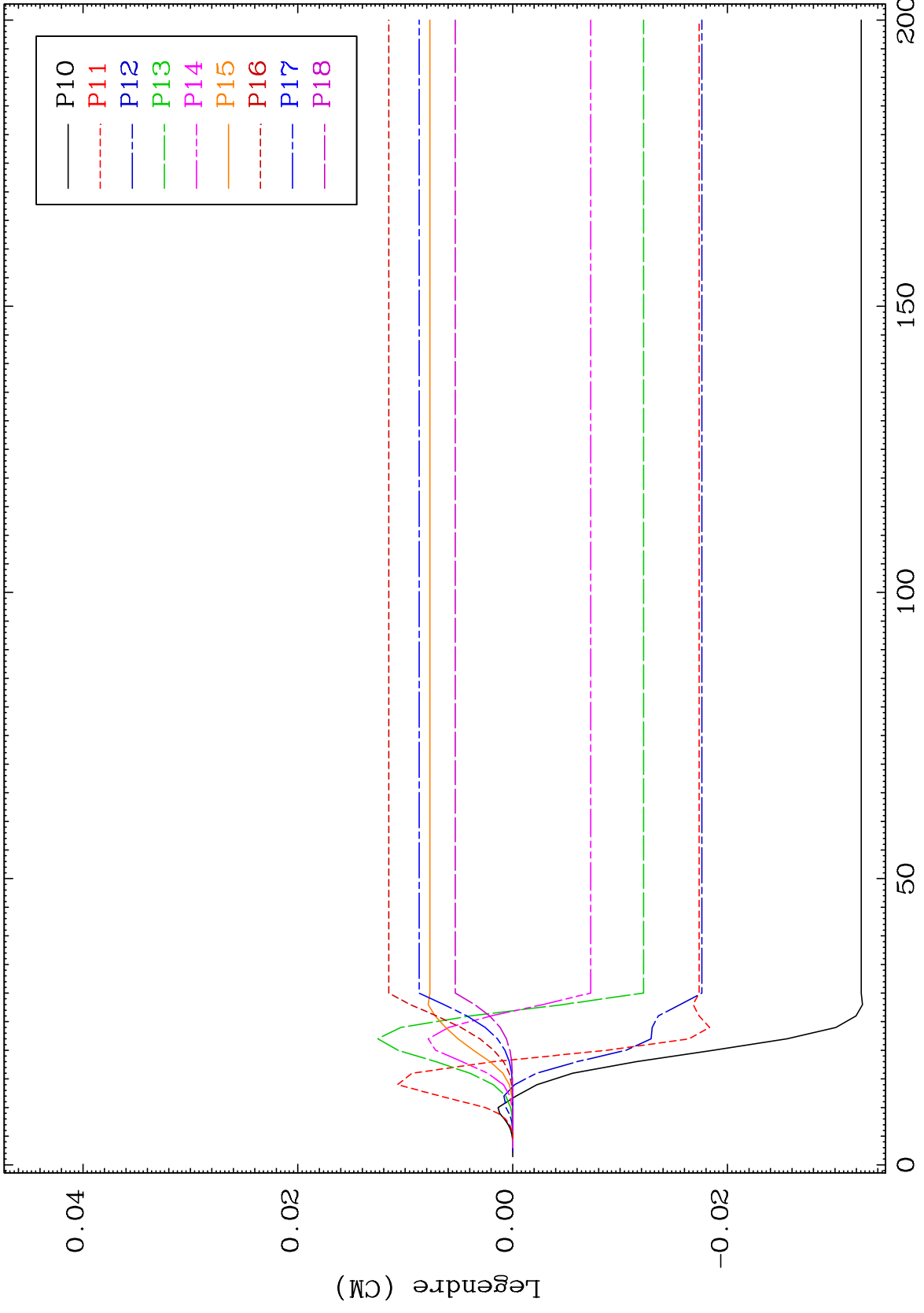
40-Zr-85

MAT 4010 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-85

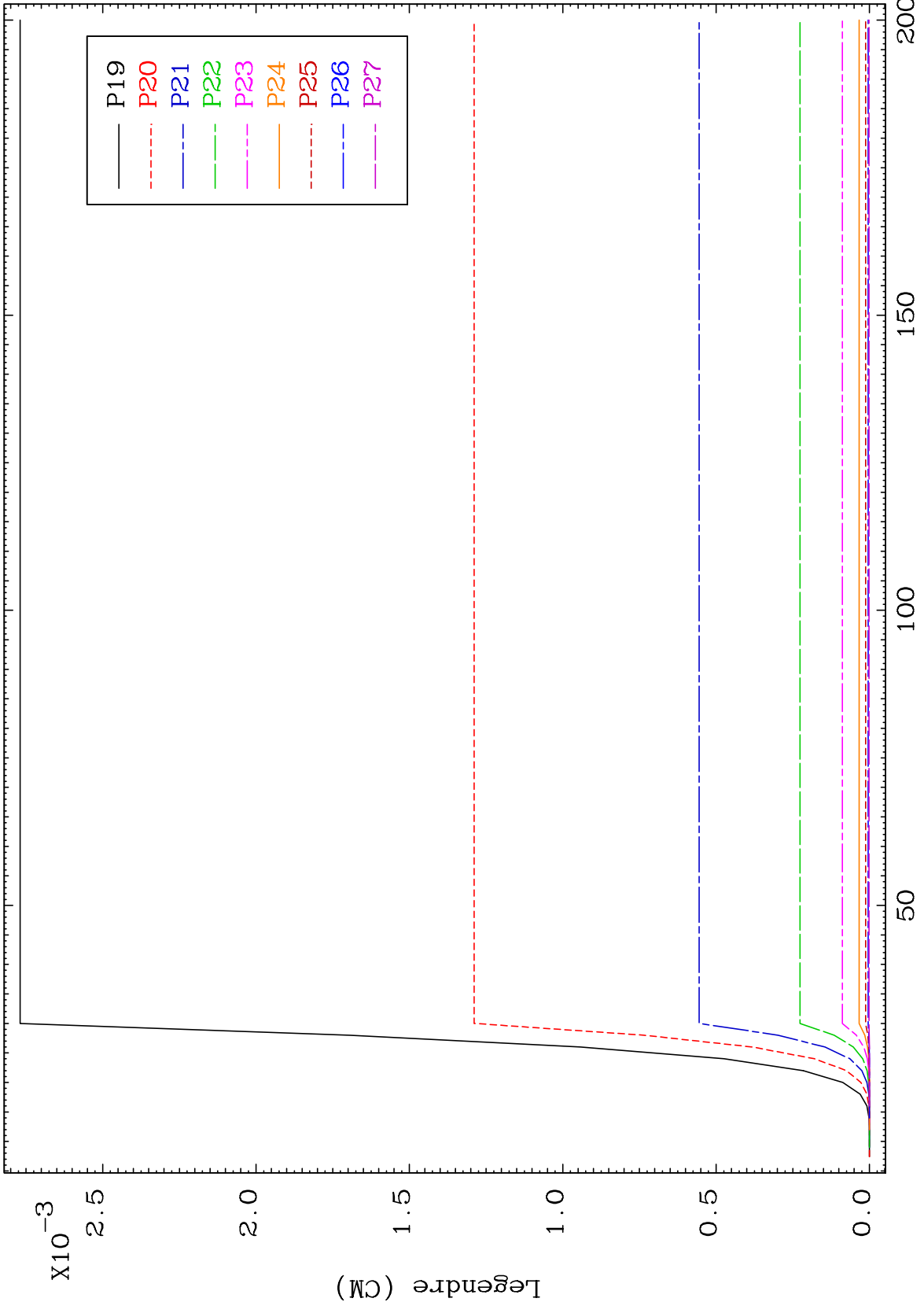


24 40-Zr-85

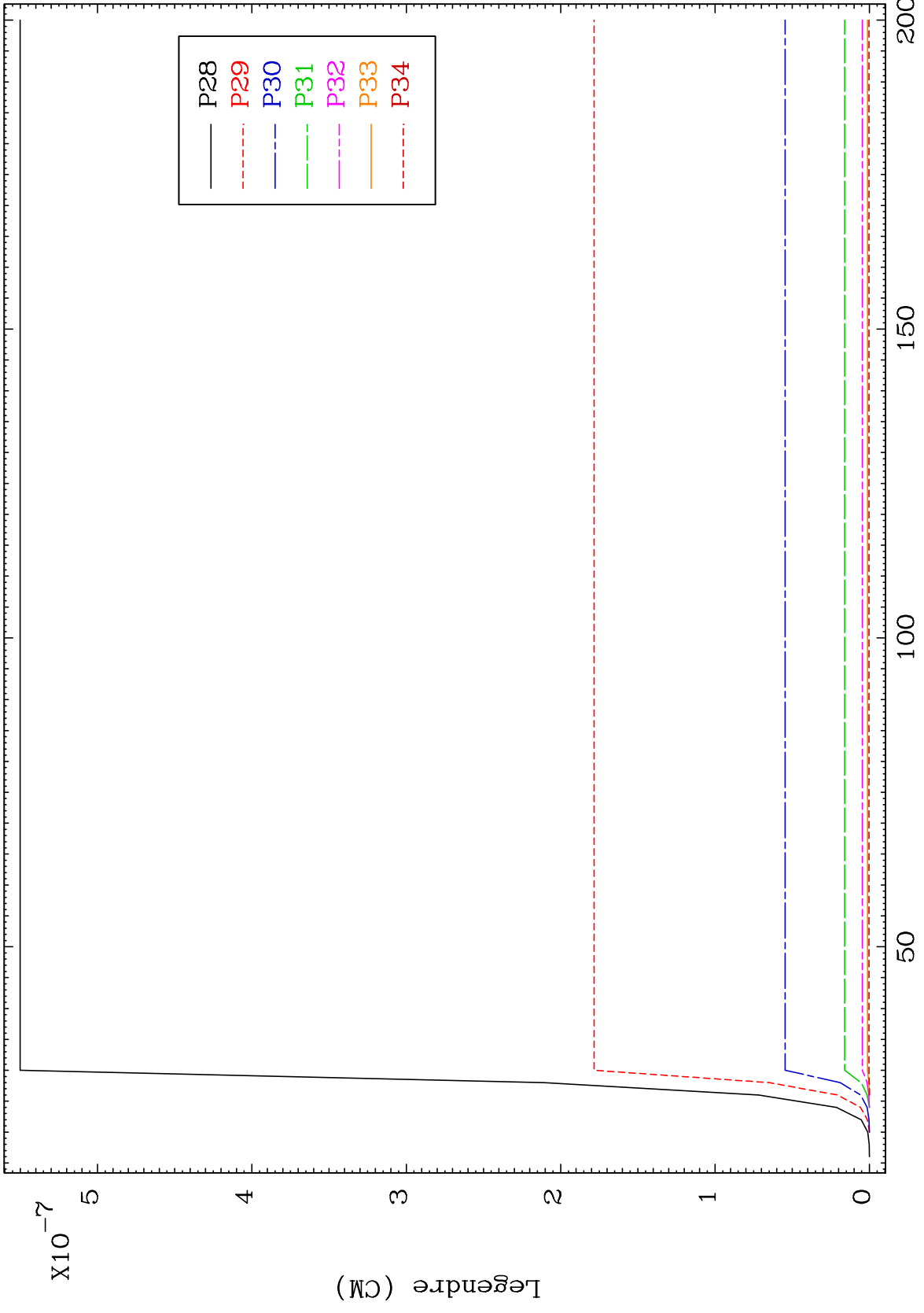
MAT 4010 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-85



25 Incident Energy (MeV) 40-Zr-85



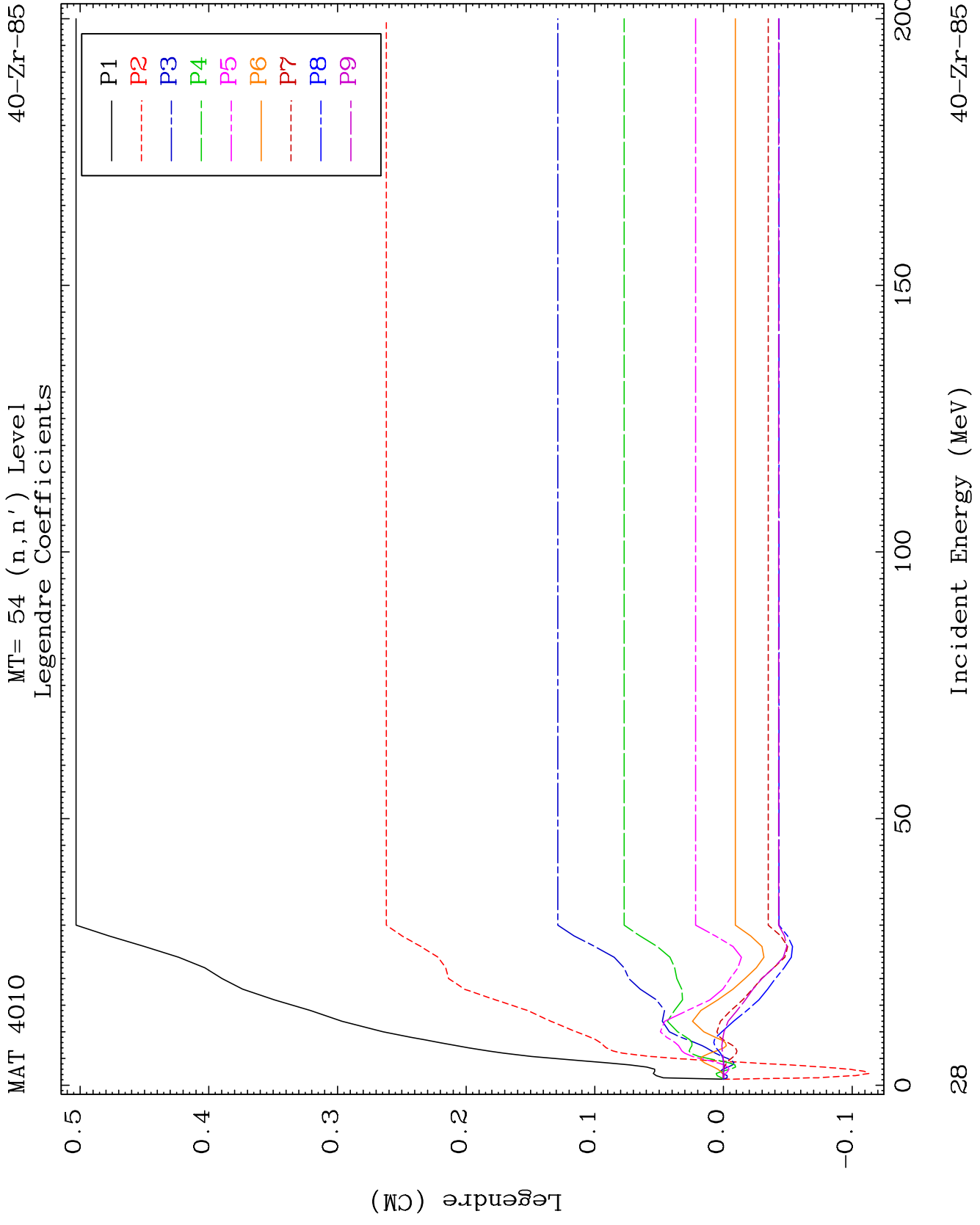
MAT 4010 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-85



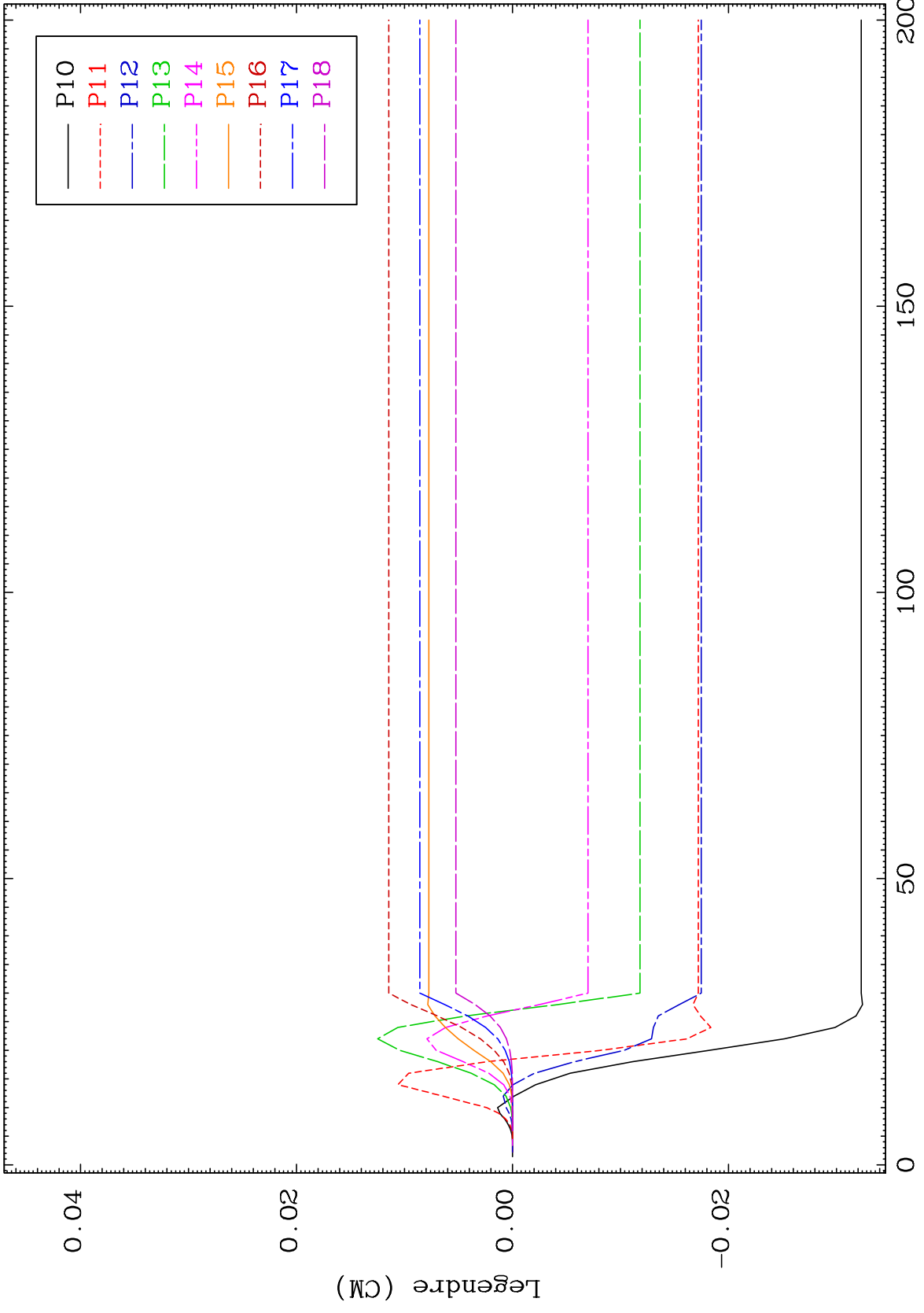
27

Incident Energy (MeV)

40-Zr-85

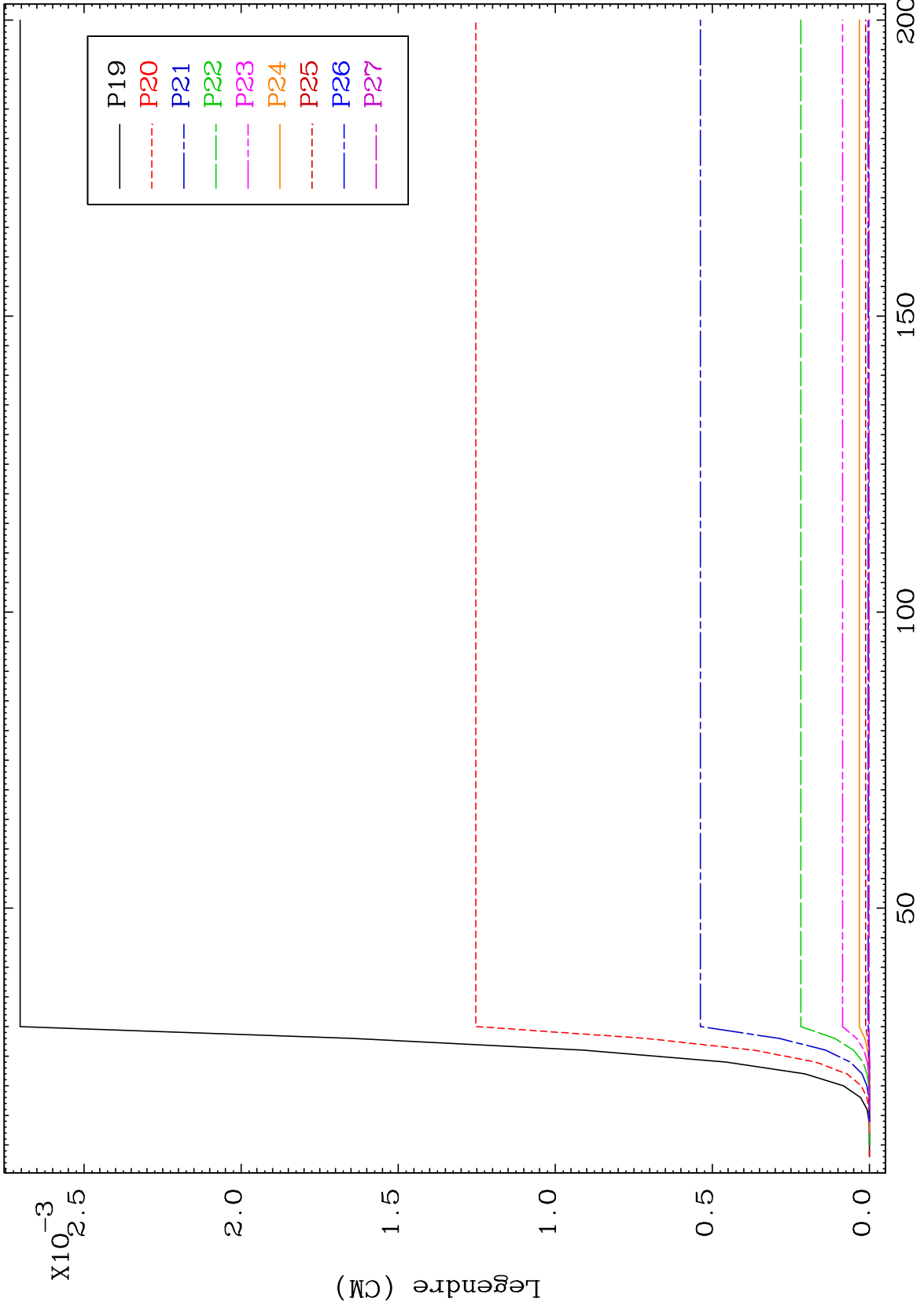


MAT 4010 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-85



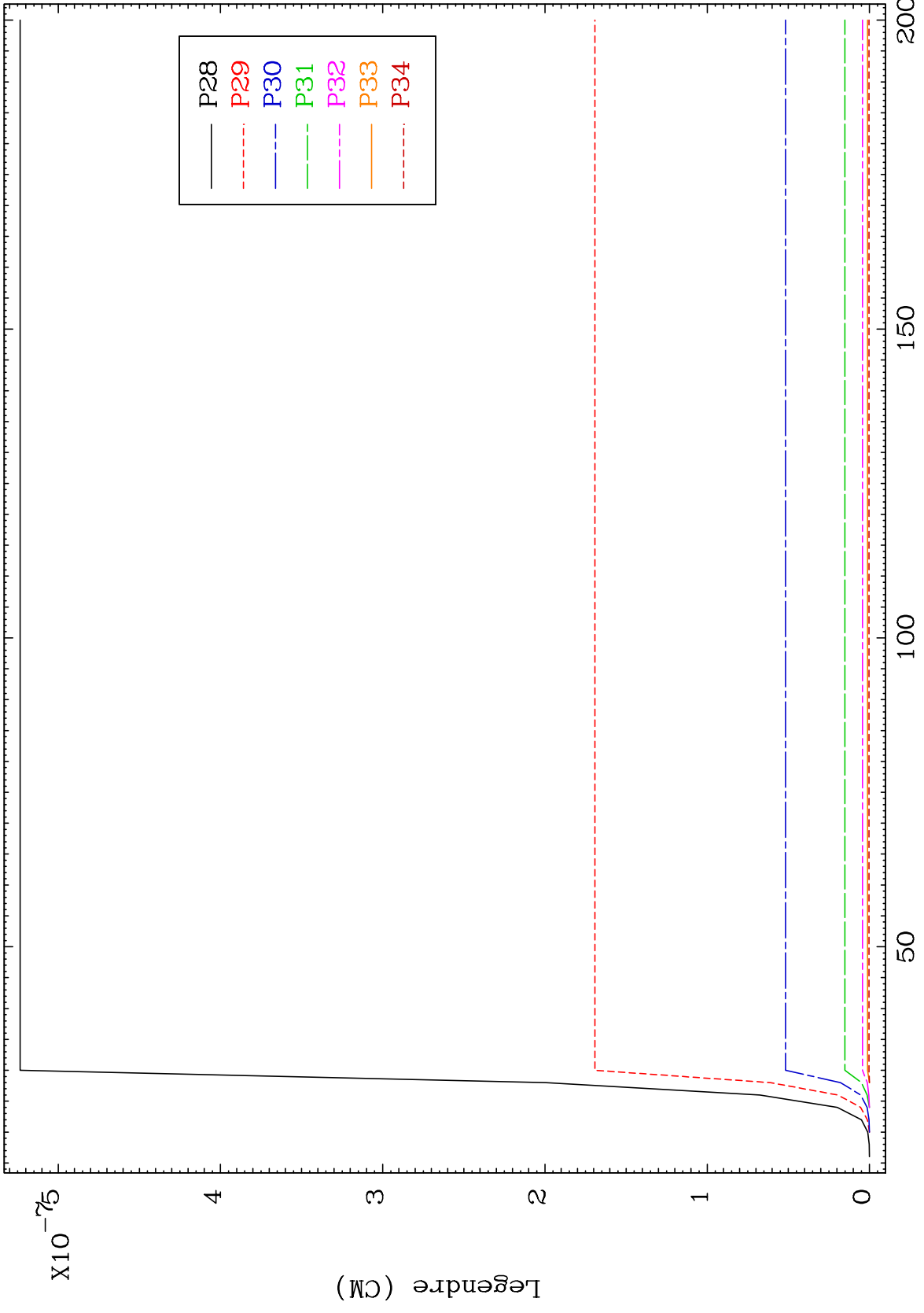
29 40-Zr-85

MAT 4010 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-85

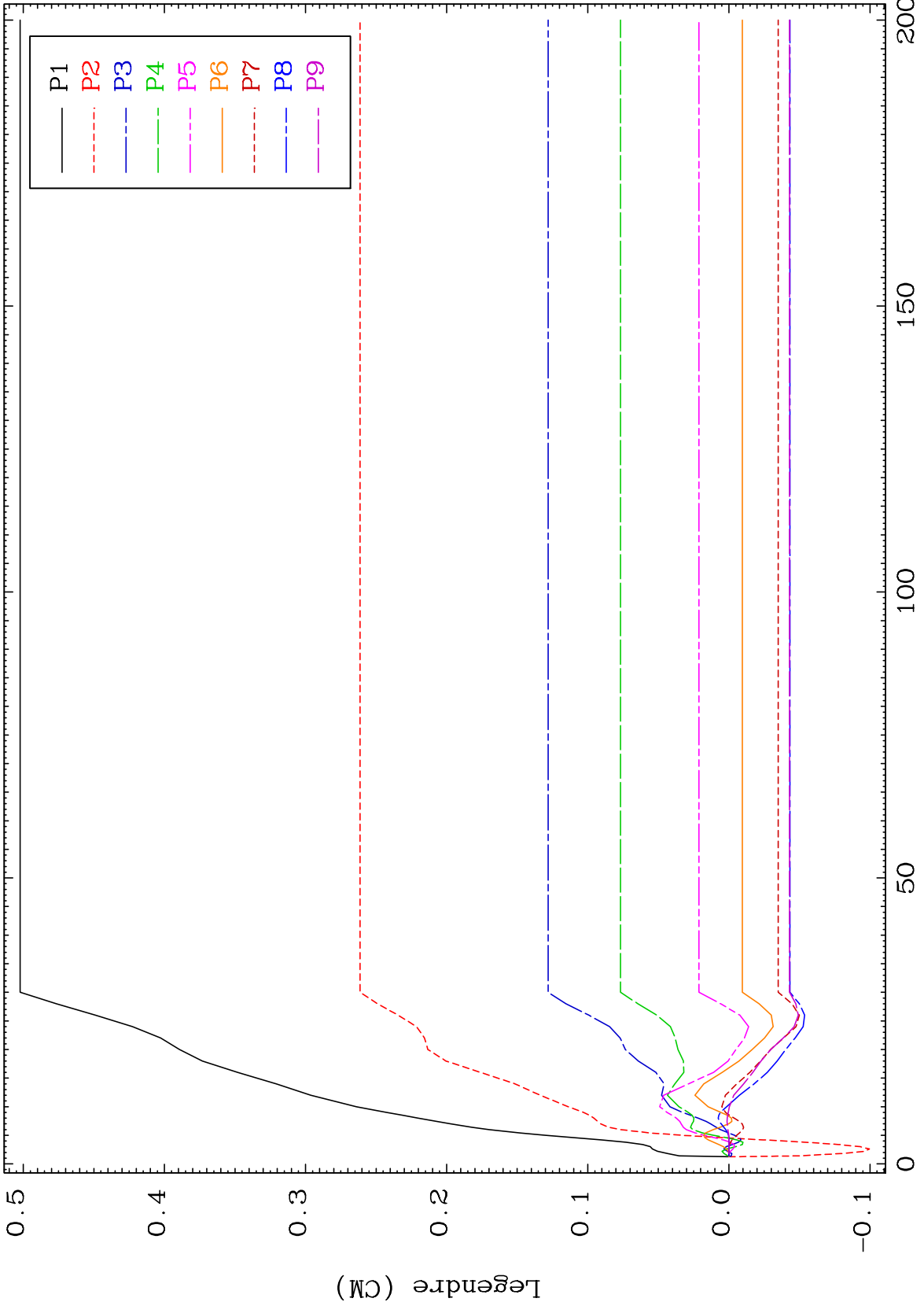


30 50 100 150 200 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-85

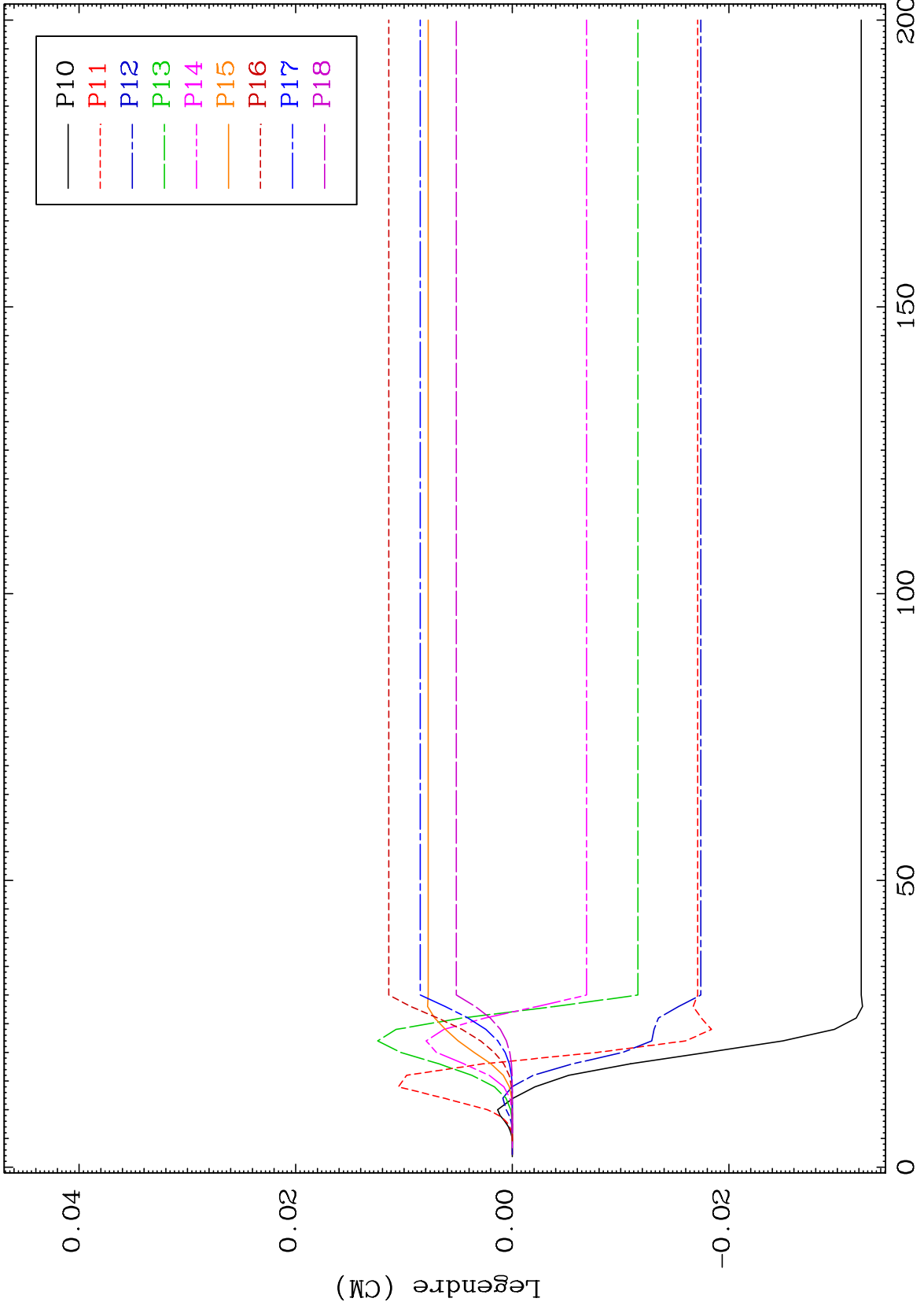


MAT 4010 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-85



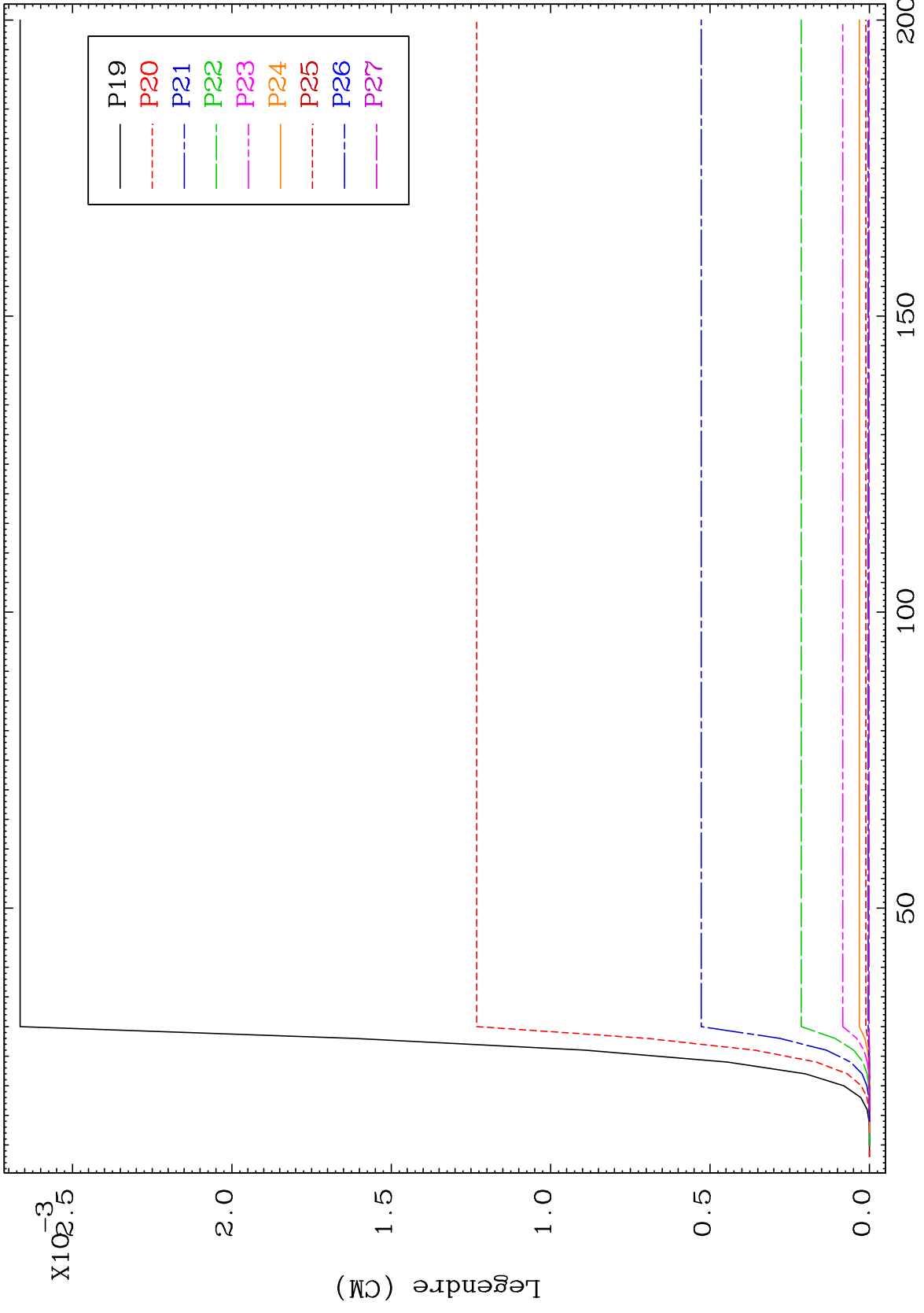
32 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-85

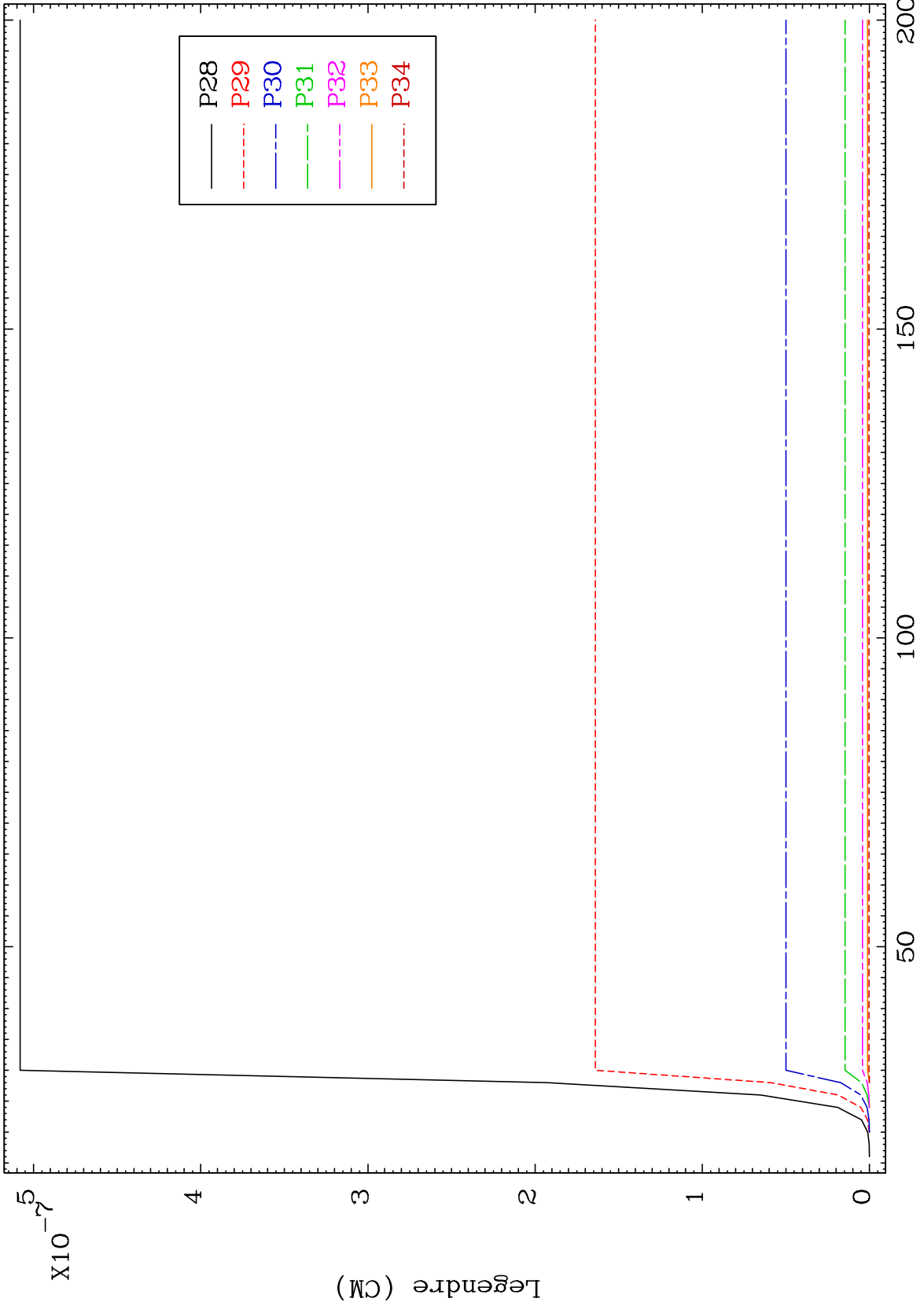


33 40-Zr-85

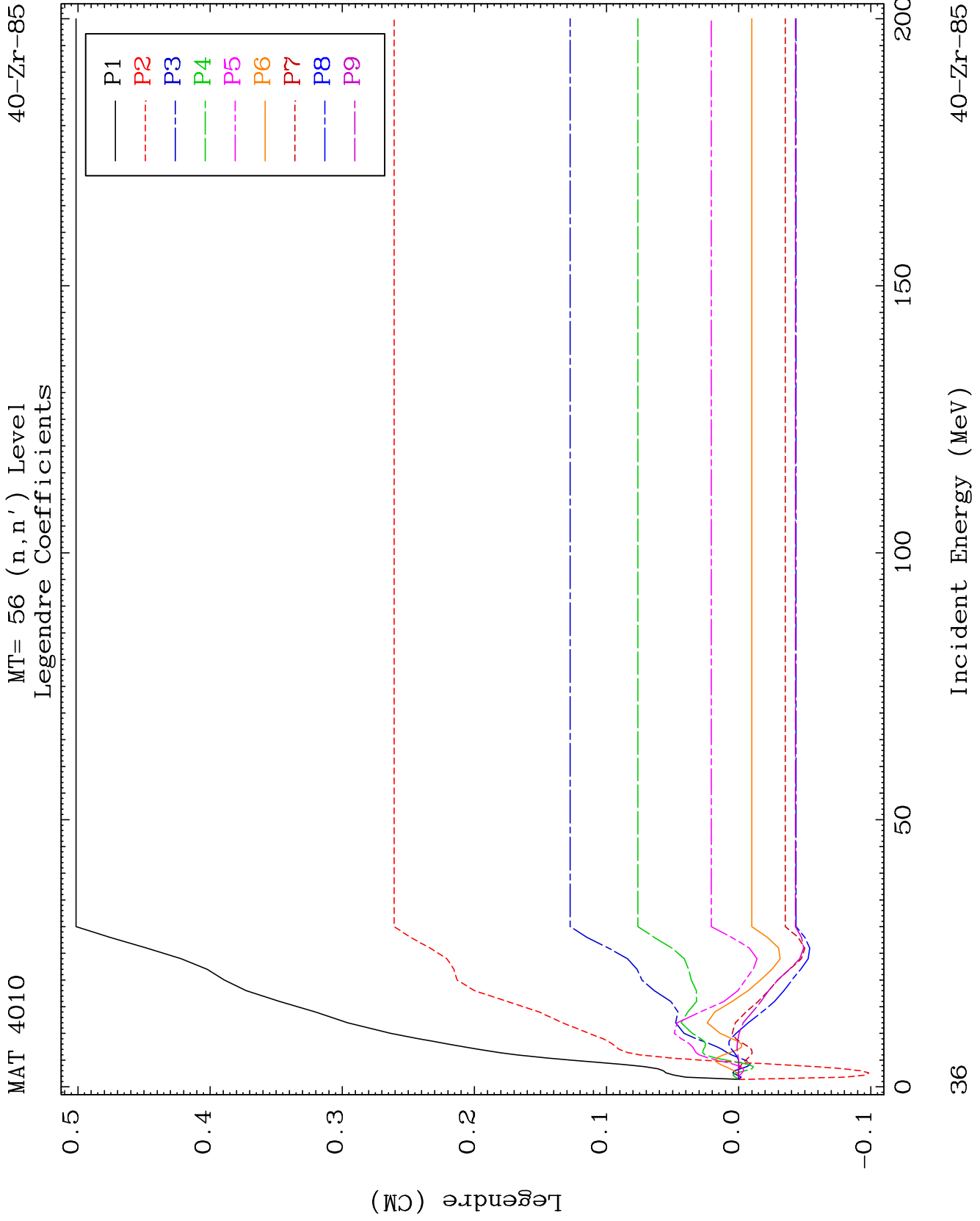
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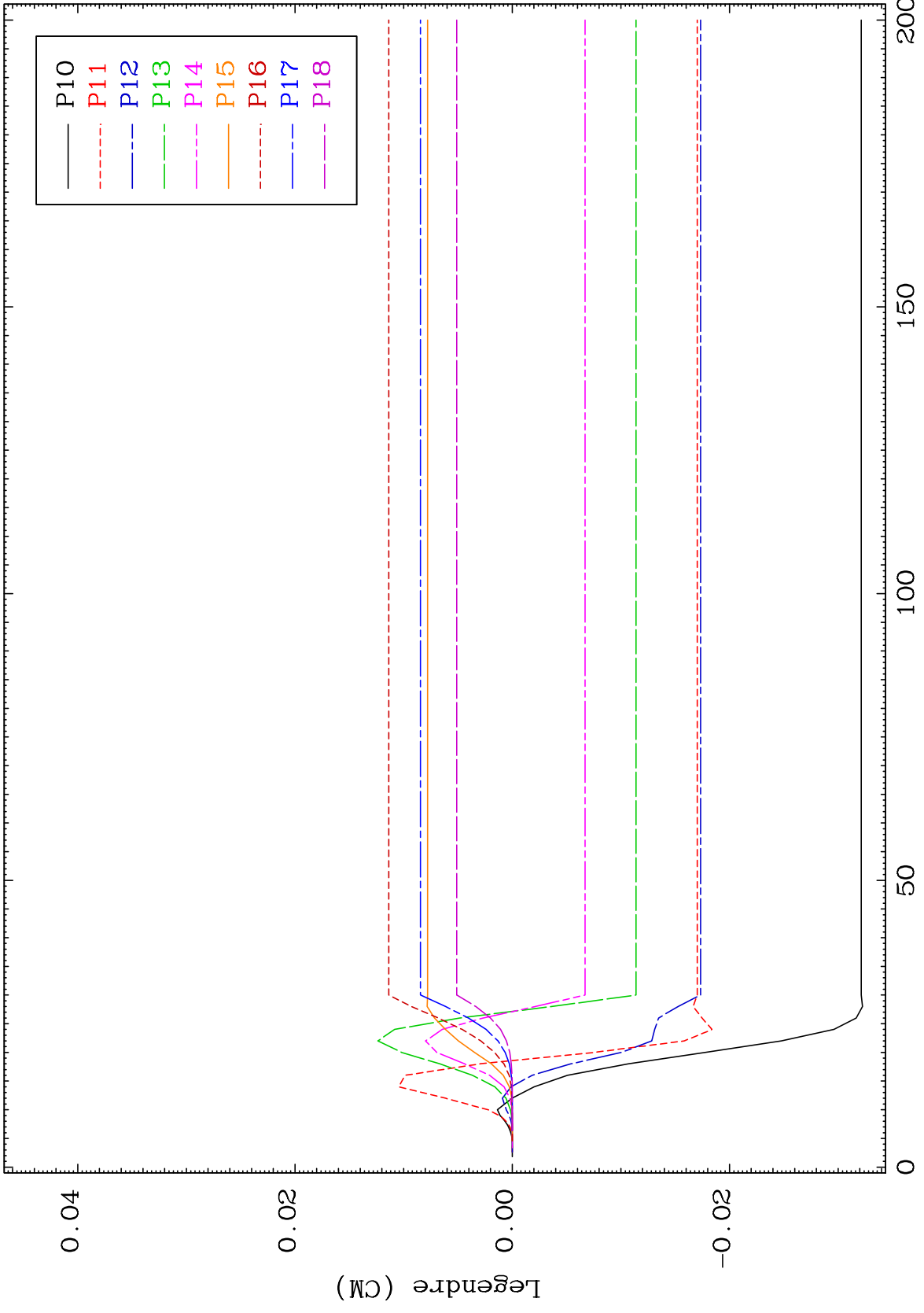
MAT 4010 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-85



35 Incident Energy (MeV) 40-Zr-85

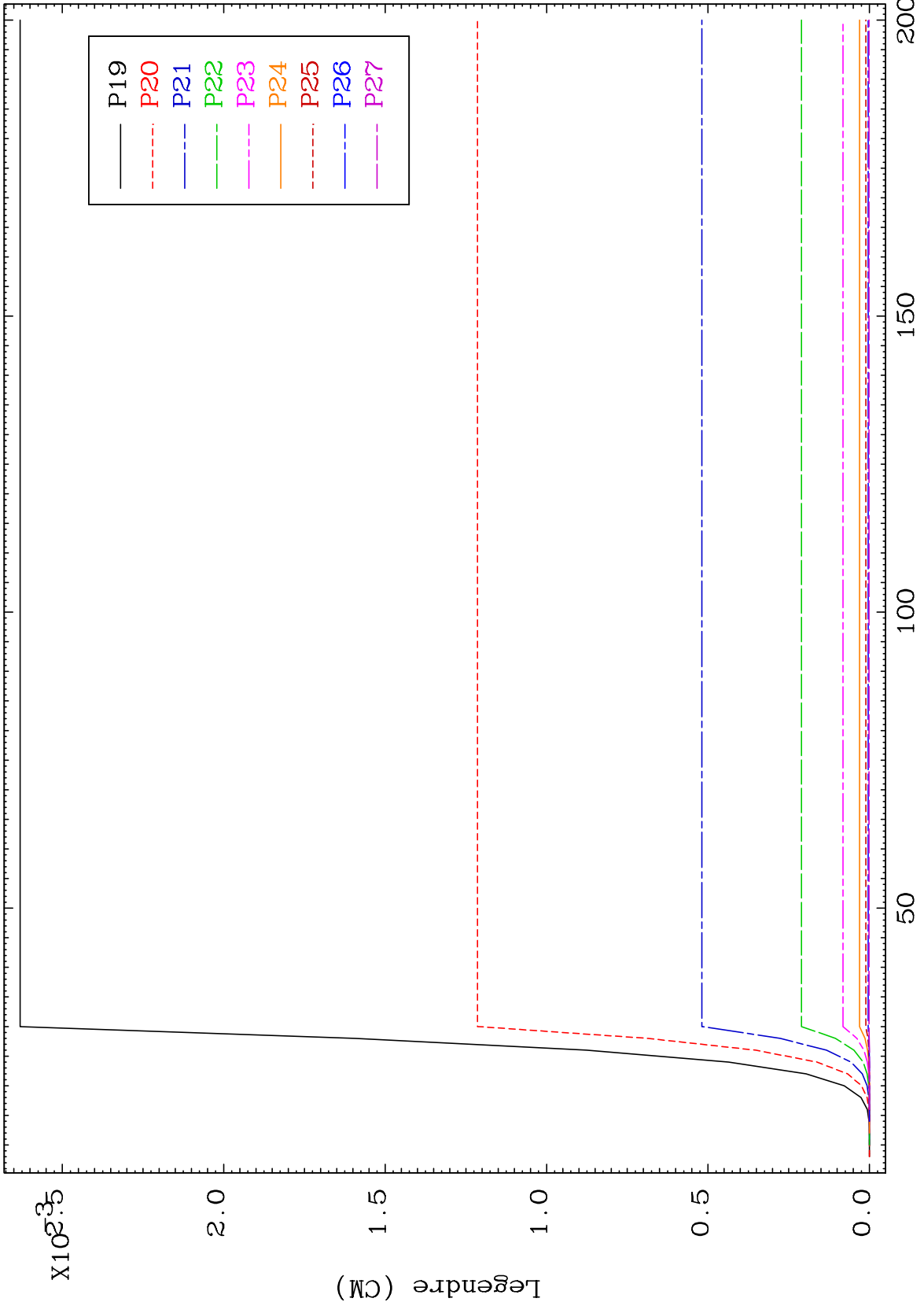


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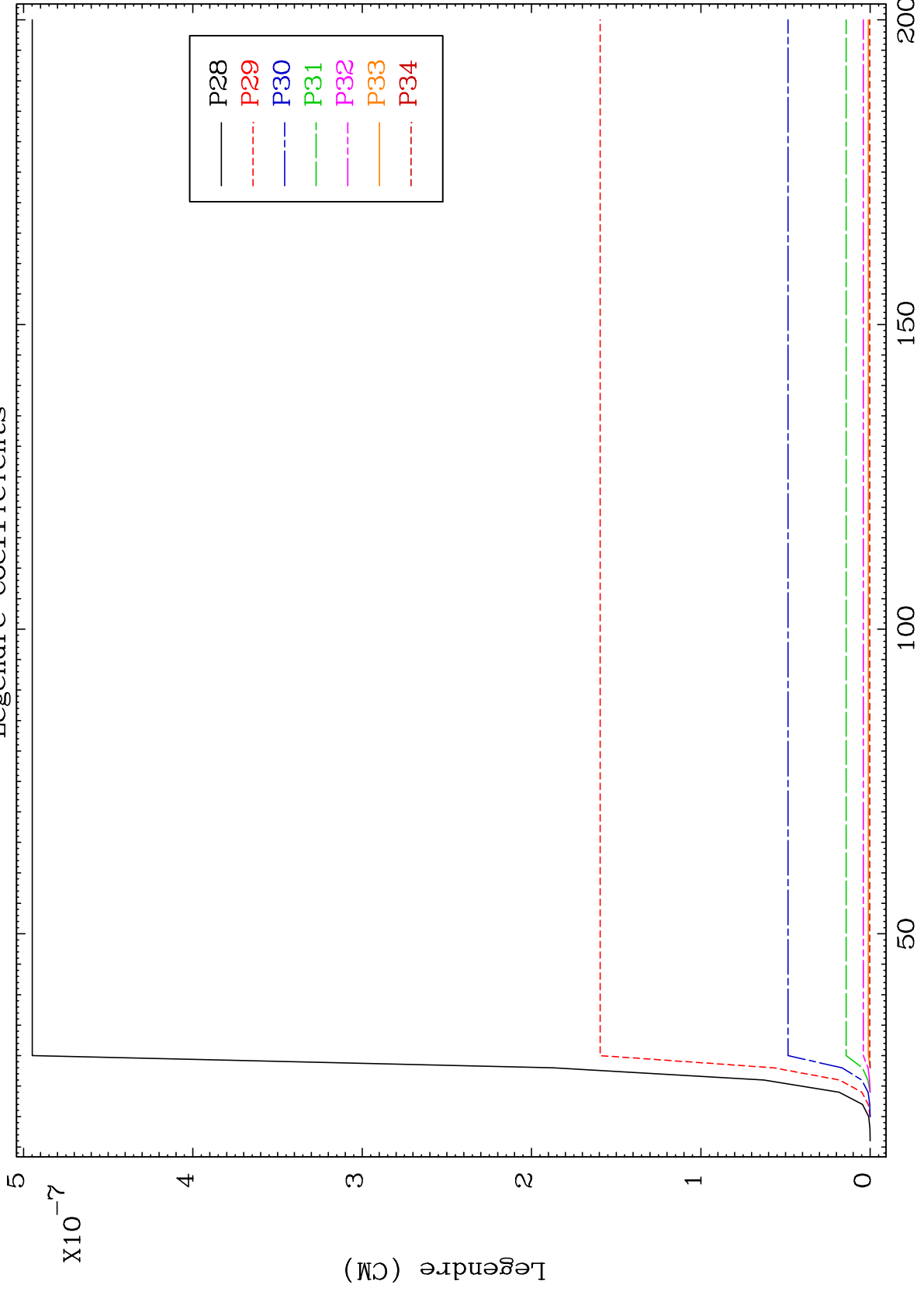


37 40-Zr-85

MAT 4010 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-85



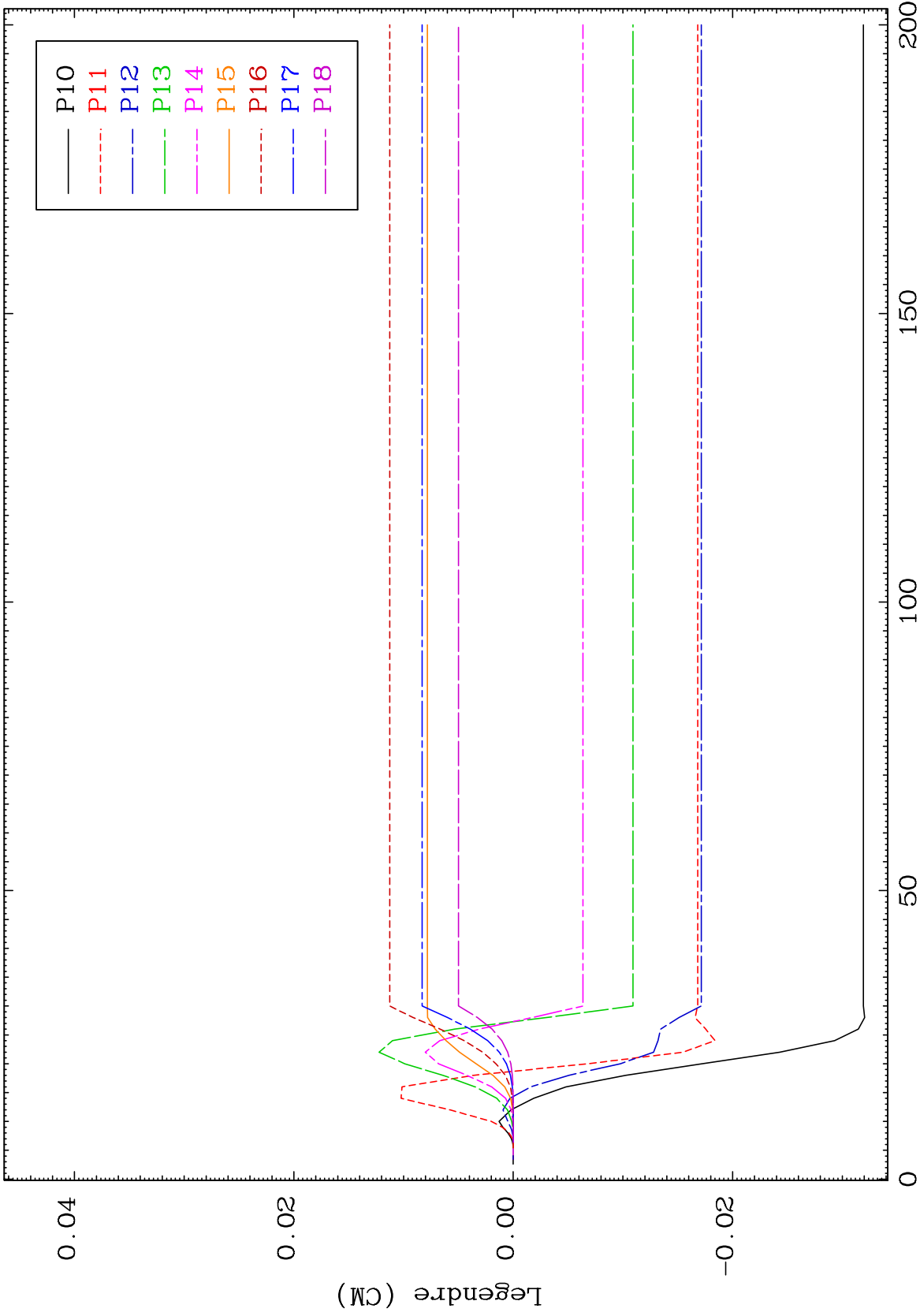
39

40-Zr-85

MAT 4010

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

40-Zr-85



41

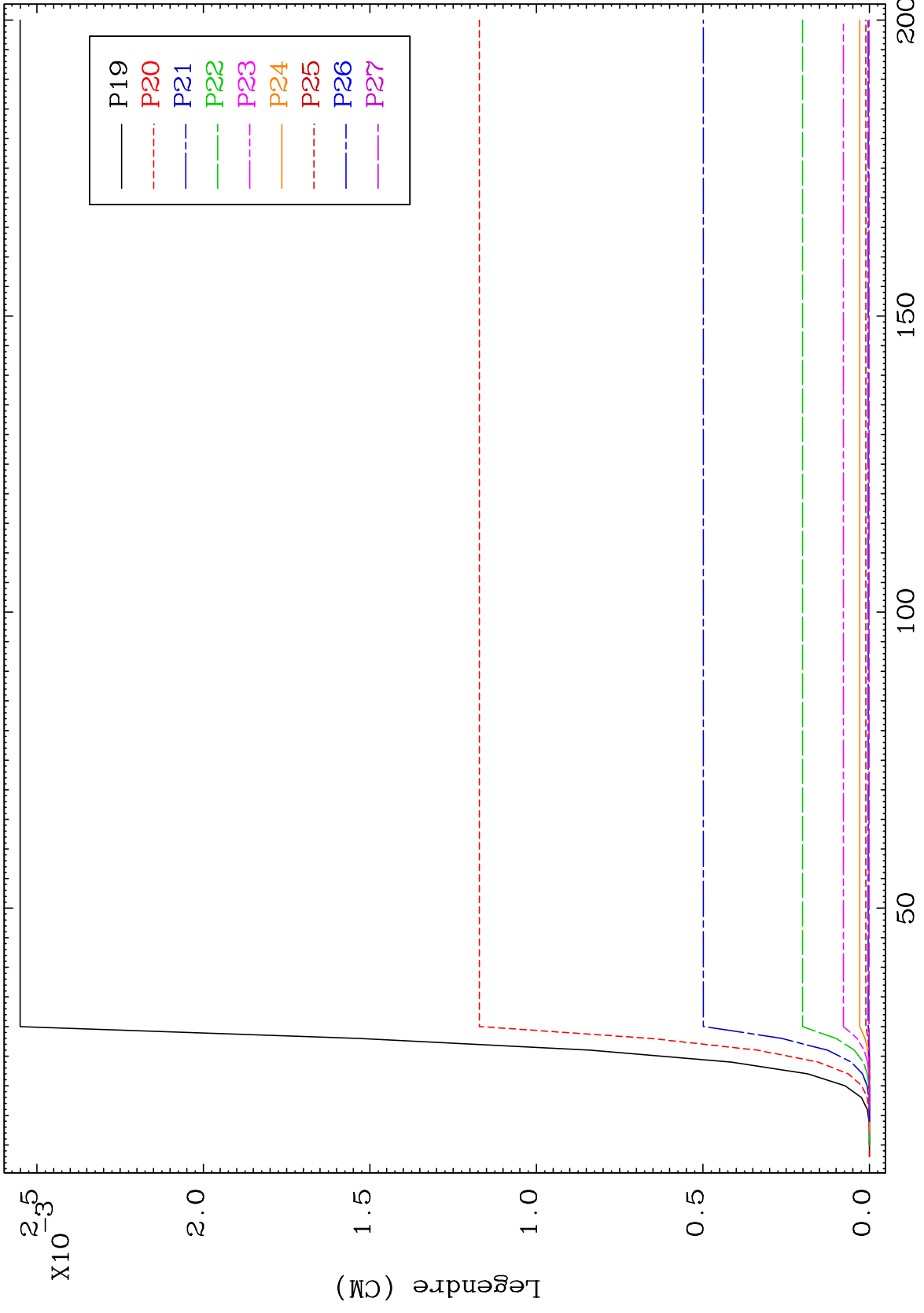
Incident Energy (MeV)

40-Zr-85

MAT 4010

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

40-Zr-85

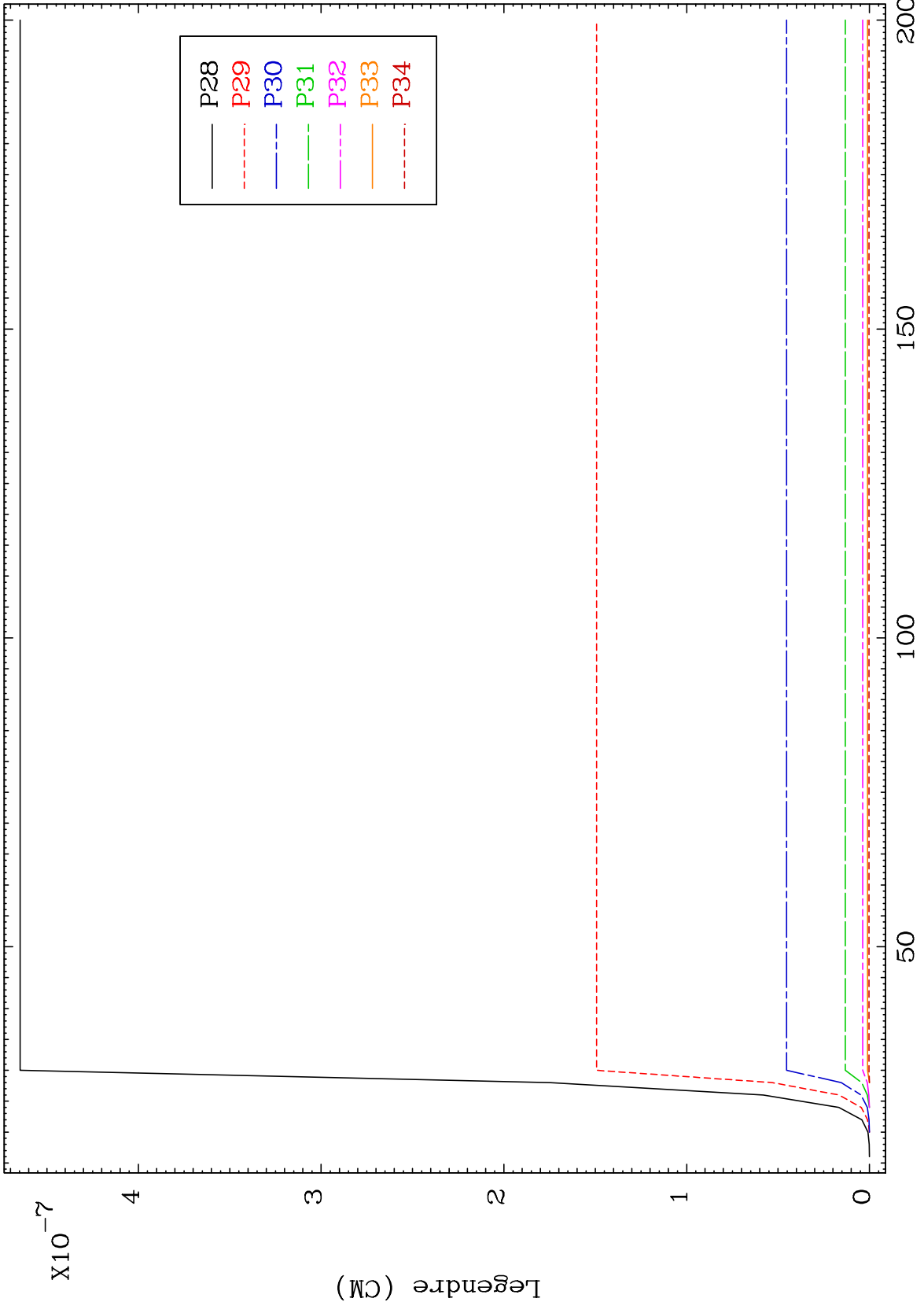


42

Incident Energy (MeV)

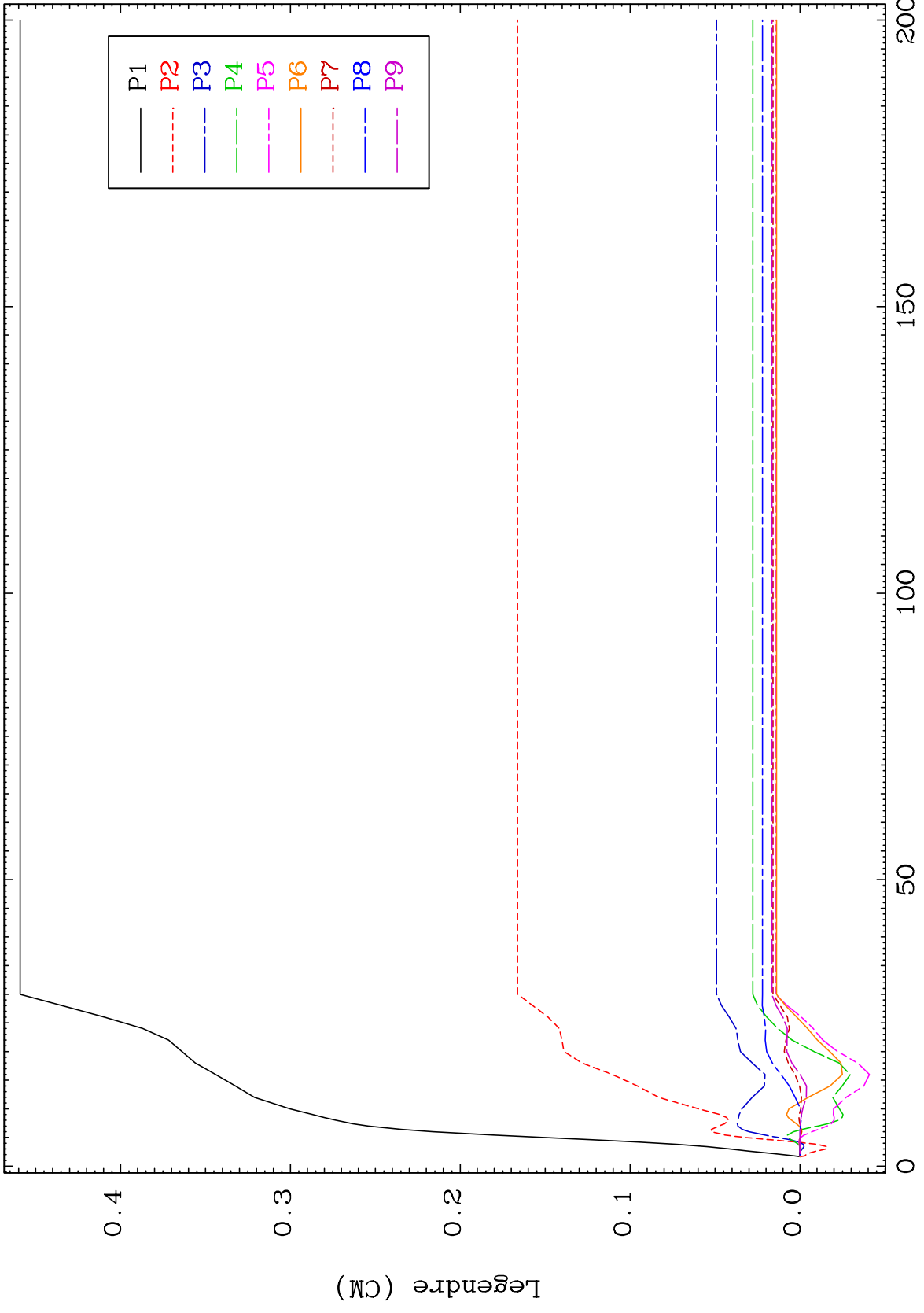
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MAT 4010 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-85



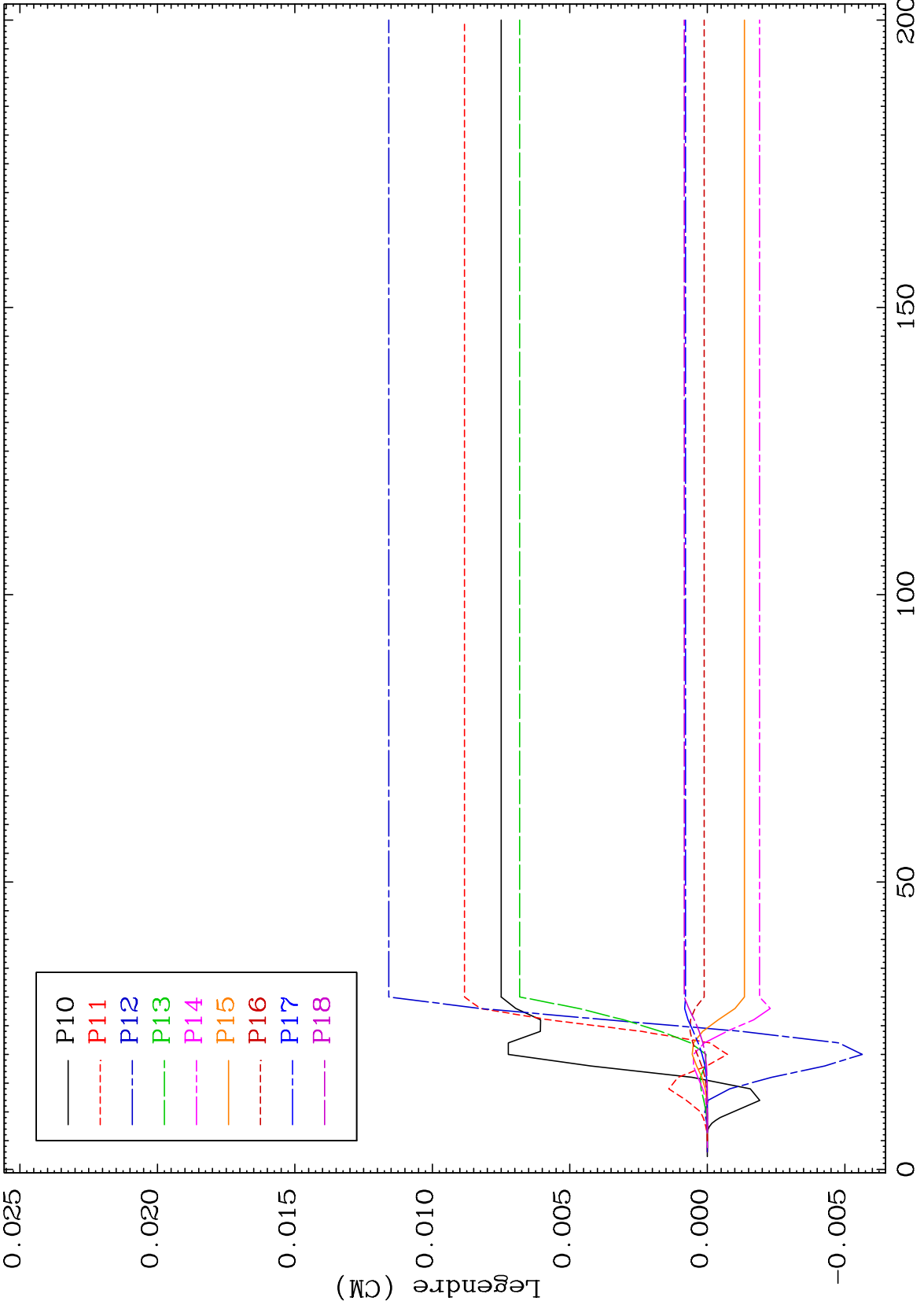
43 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-85



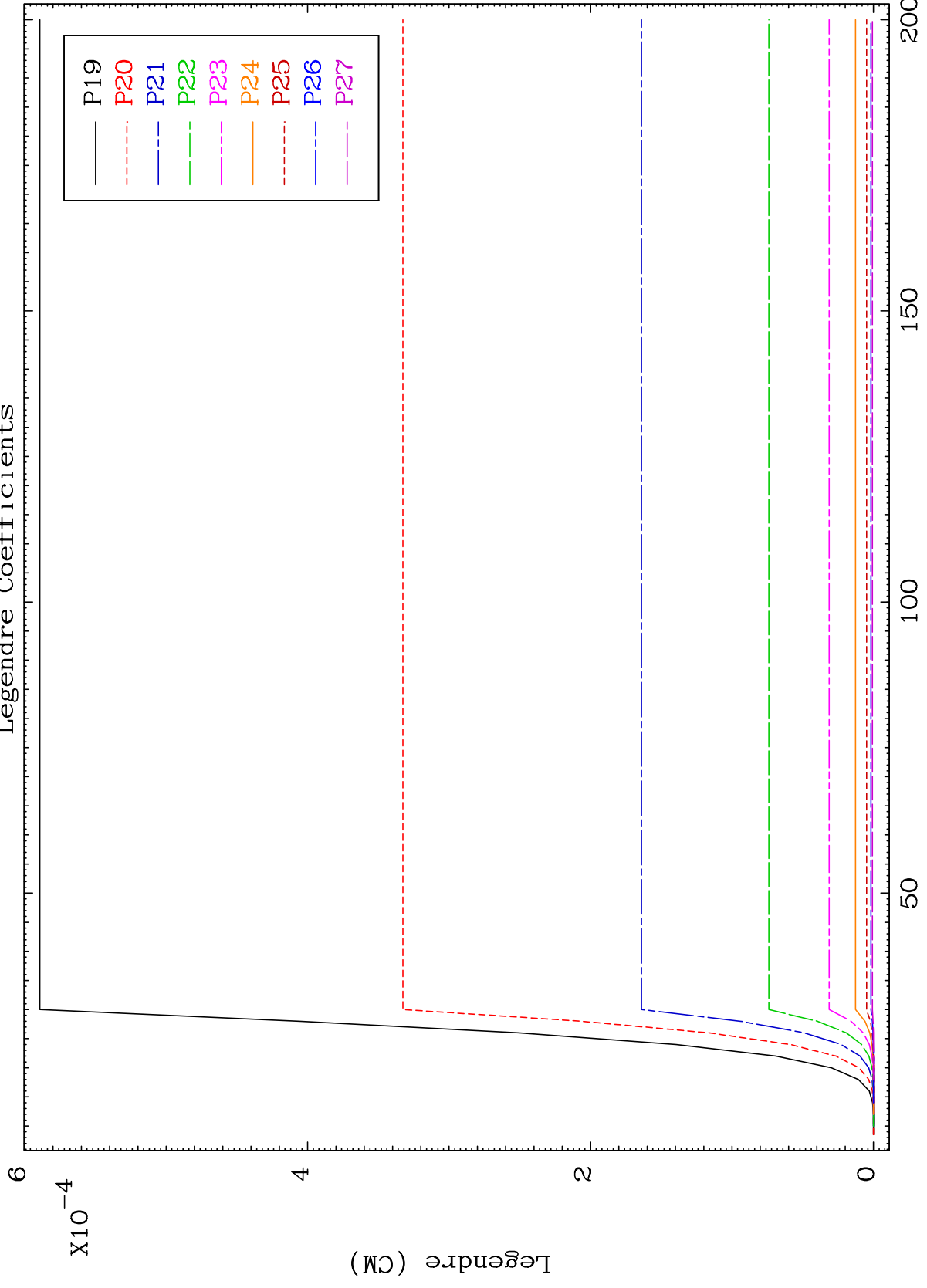
44 40-Zr-85

MAT 4010 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-85

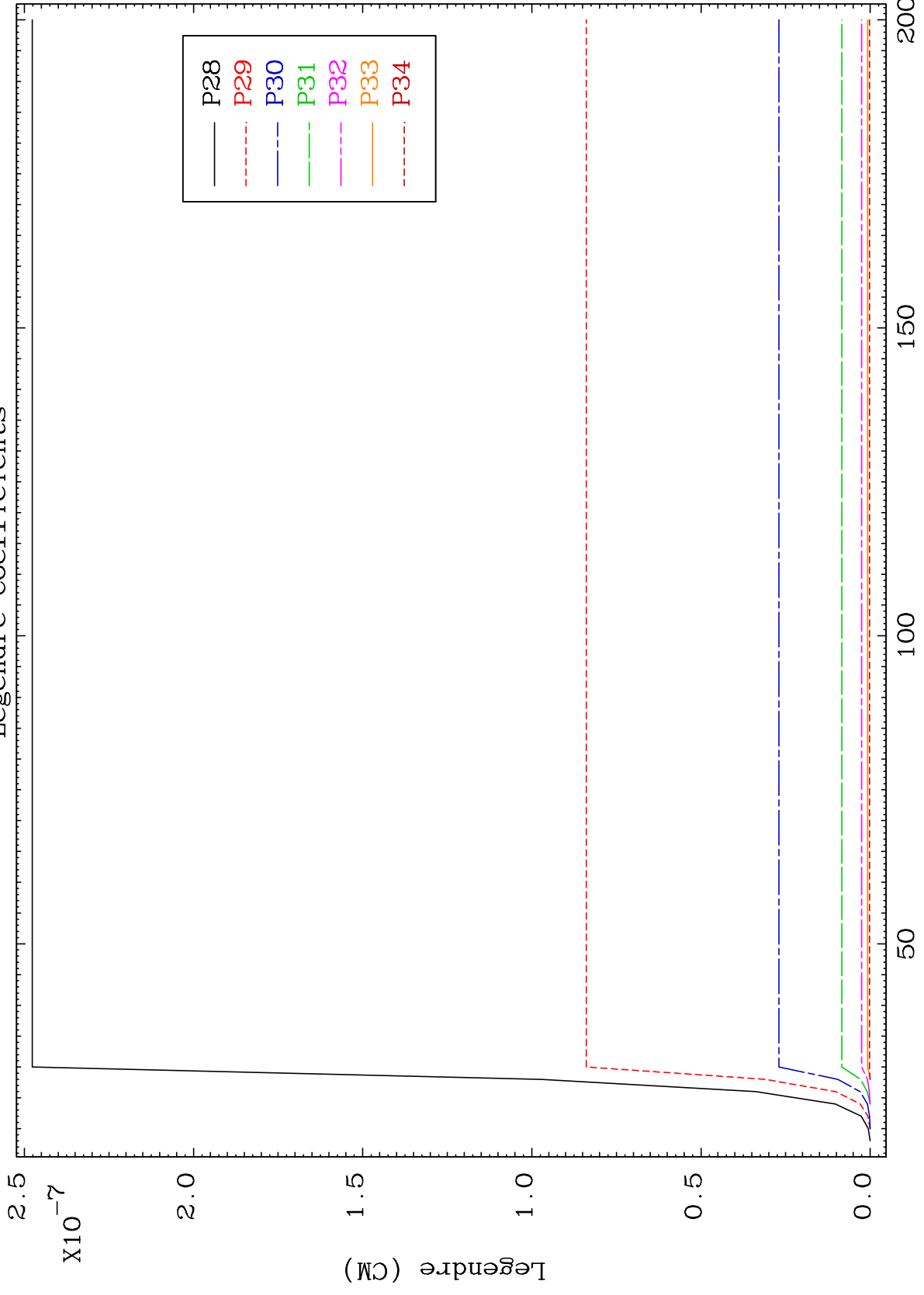


45 Incident Energy (MeV) 200 40-Zr-85

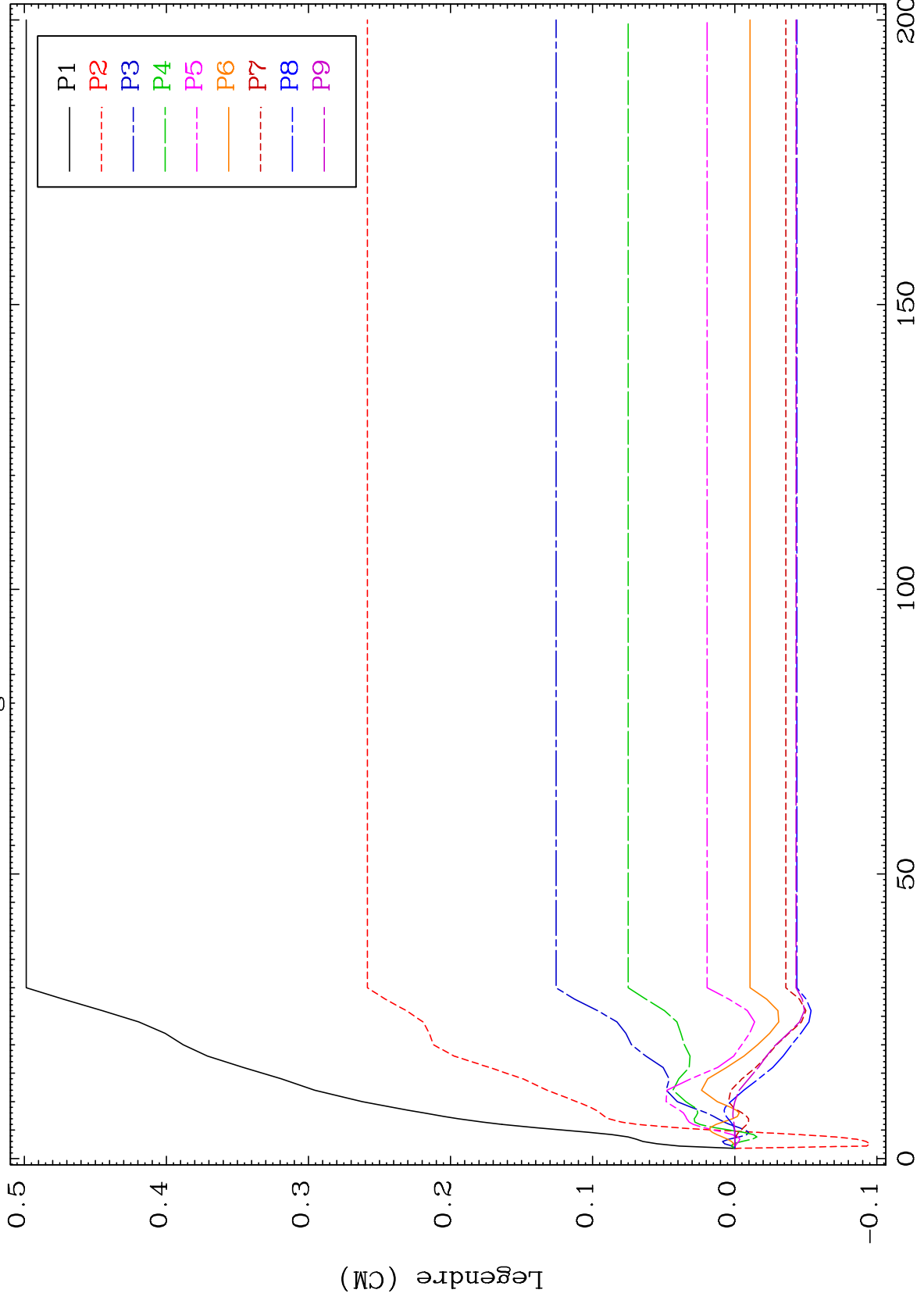
MAT 4010 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-85

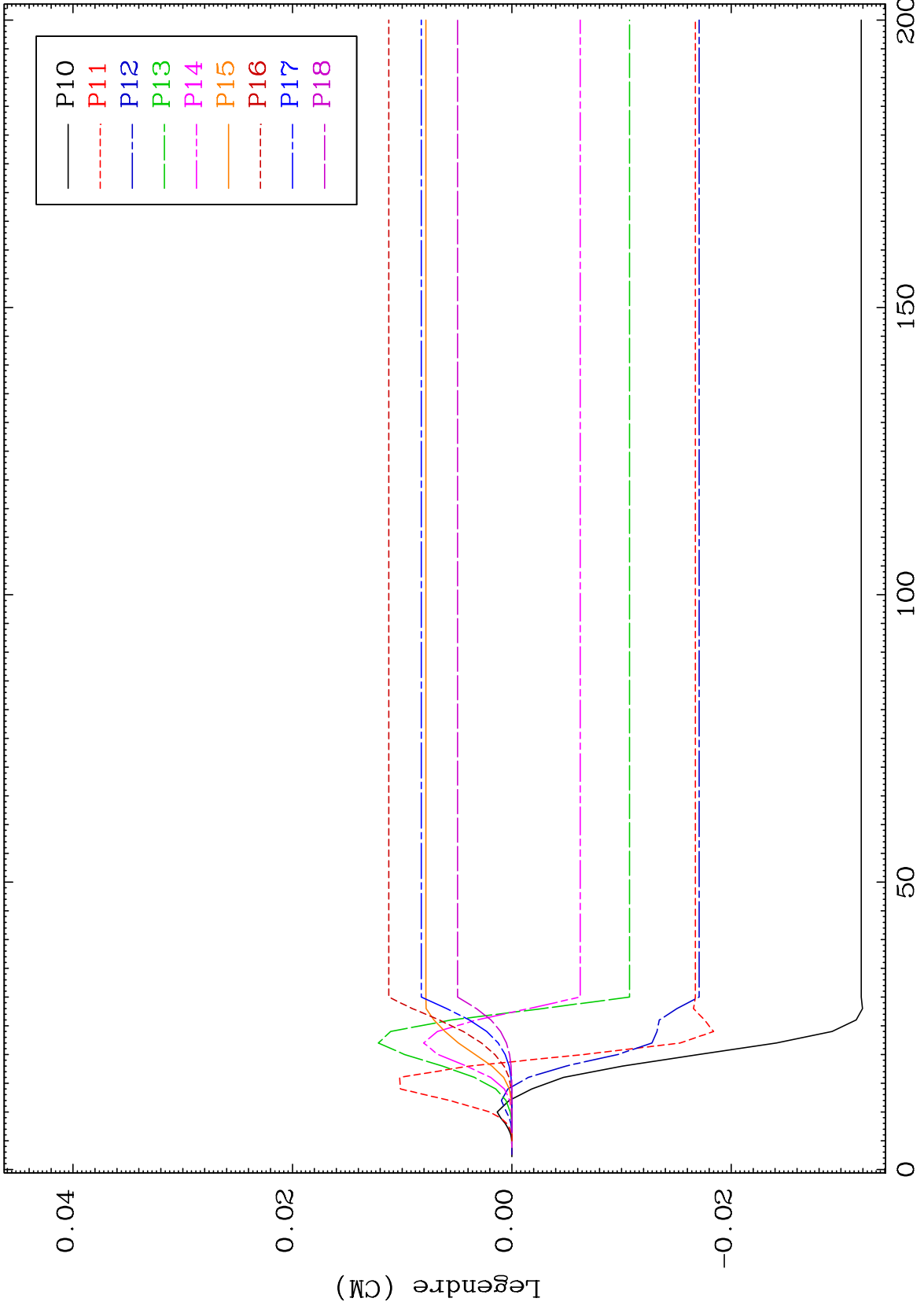


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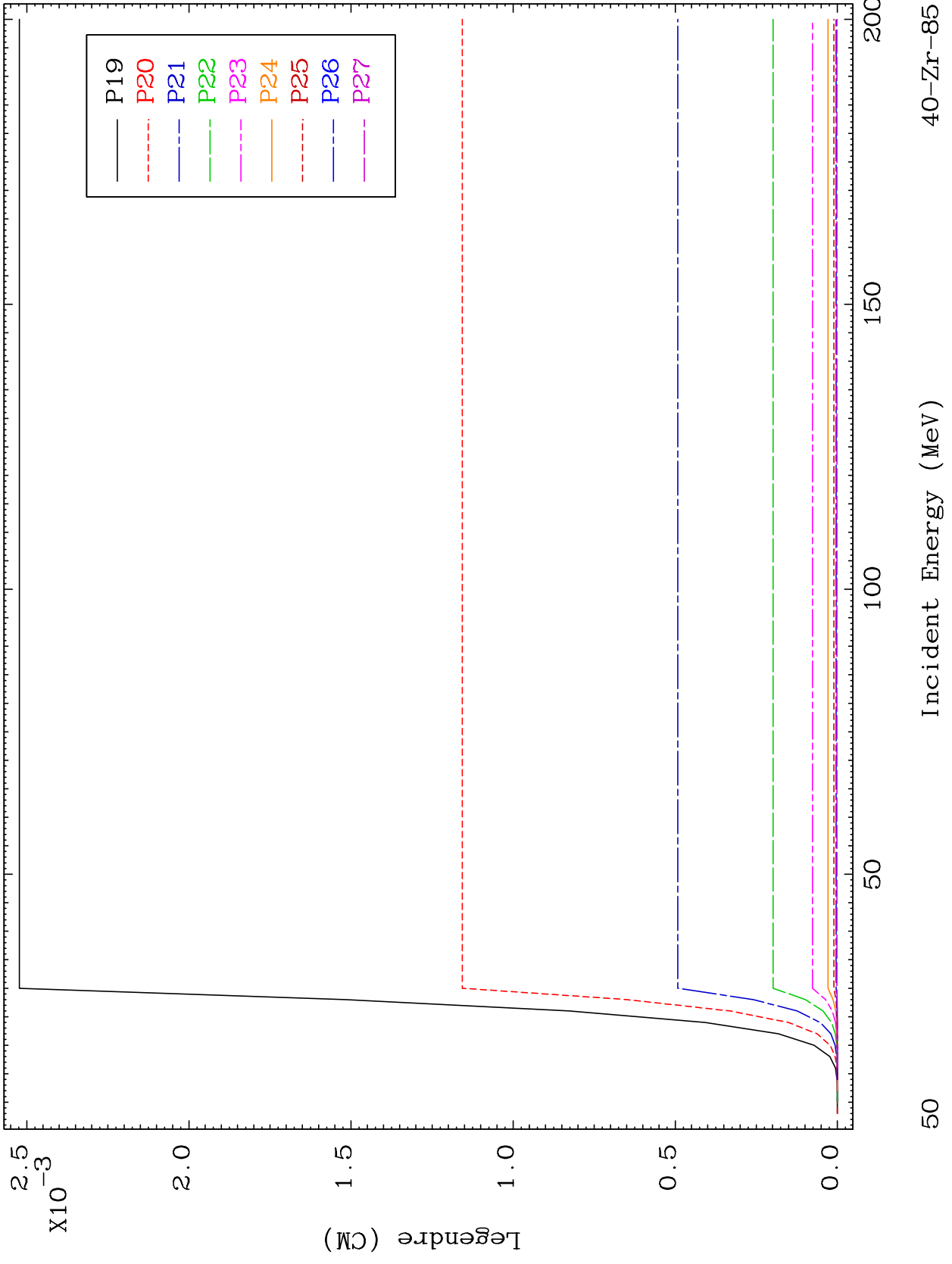
48 40-Zr-85

MAT 4010 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-85

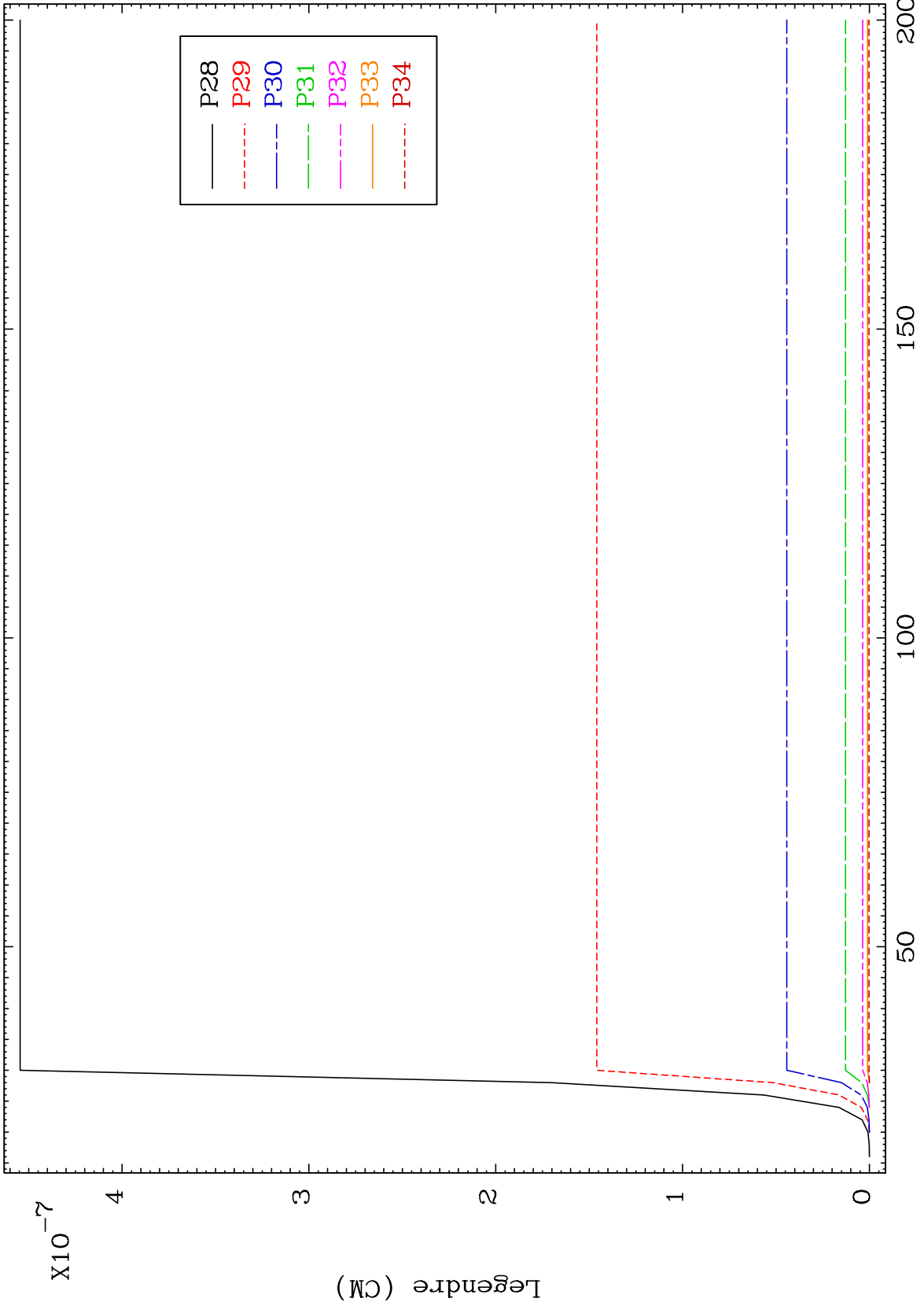


49 40-Zr-85

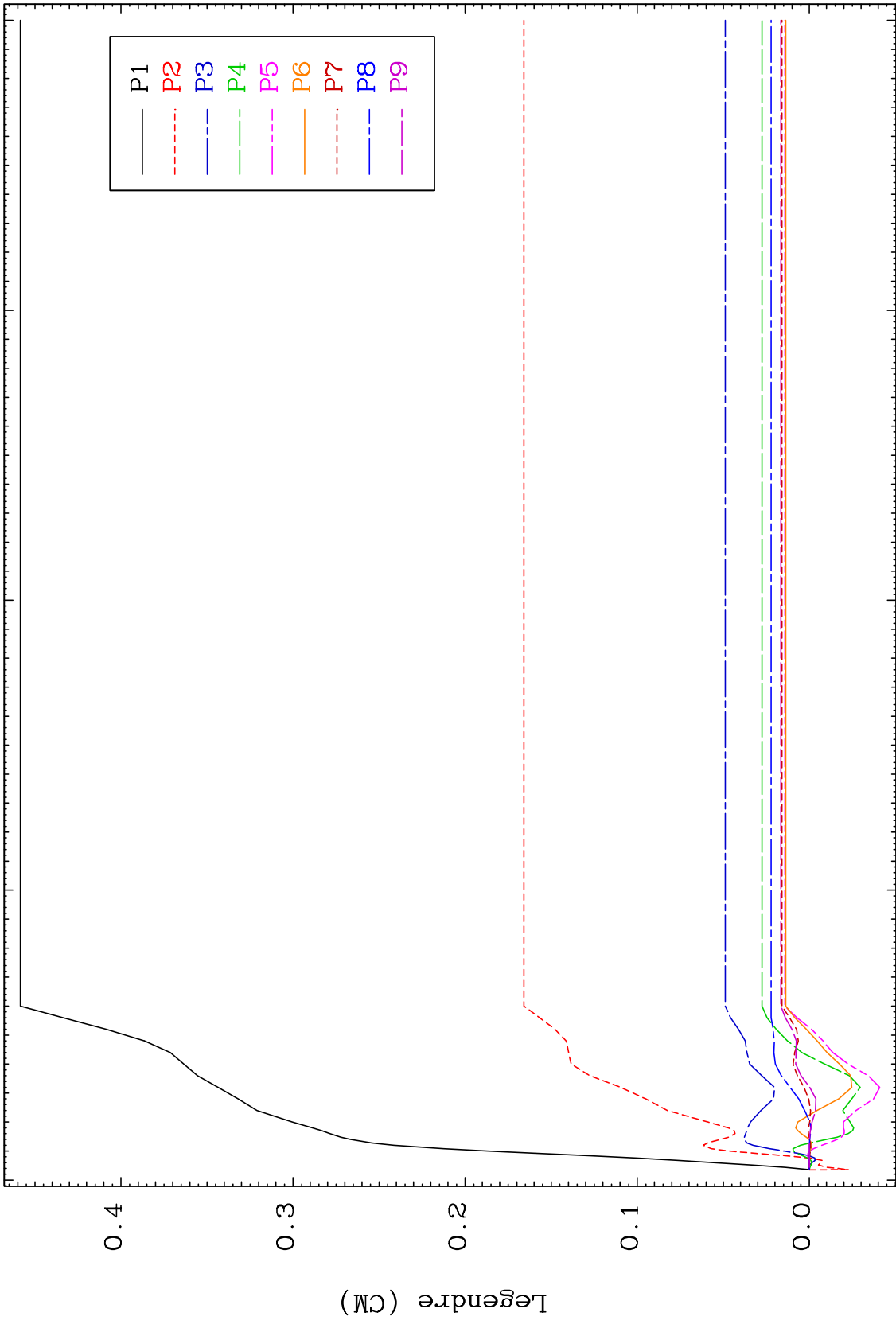
MAT 4010 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-85



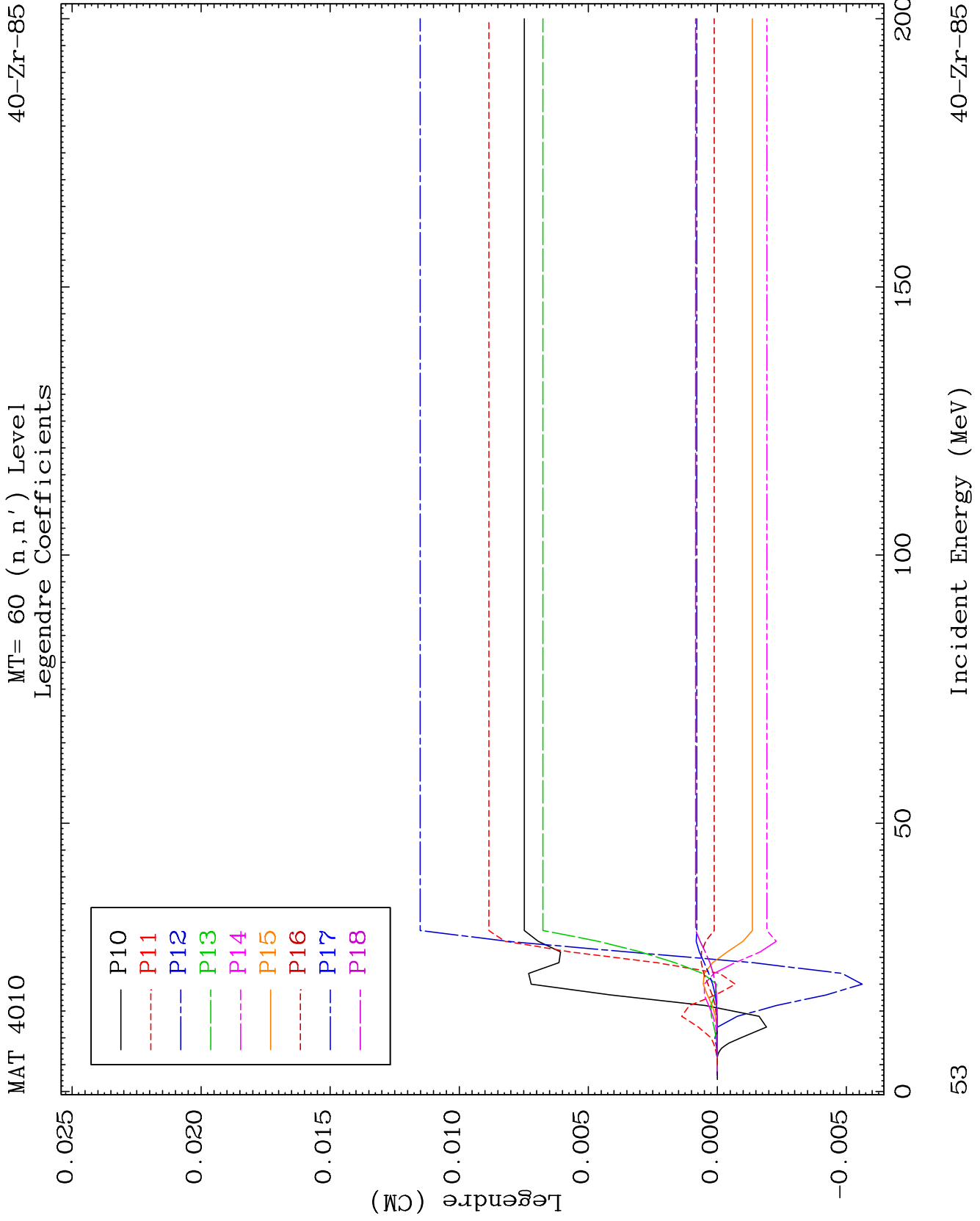
MAT 4010 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-85



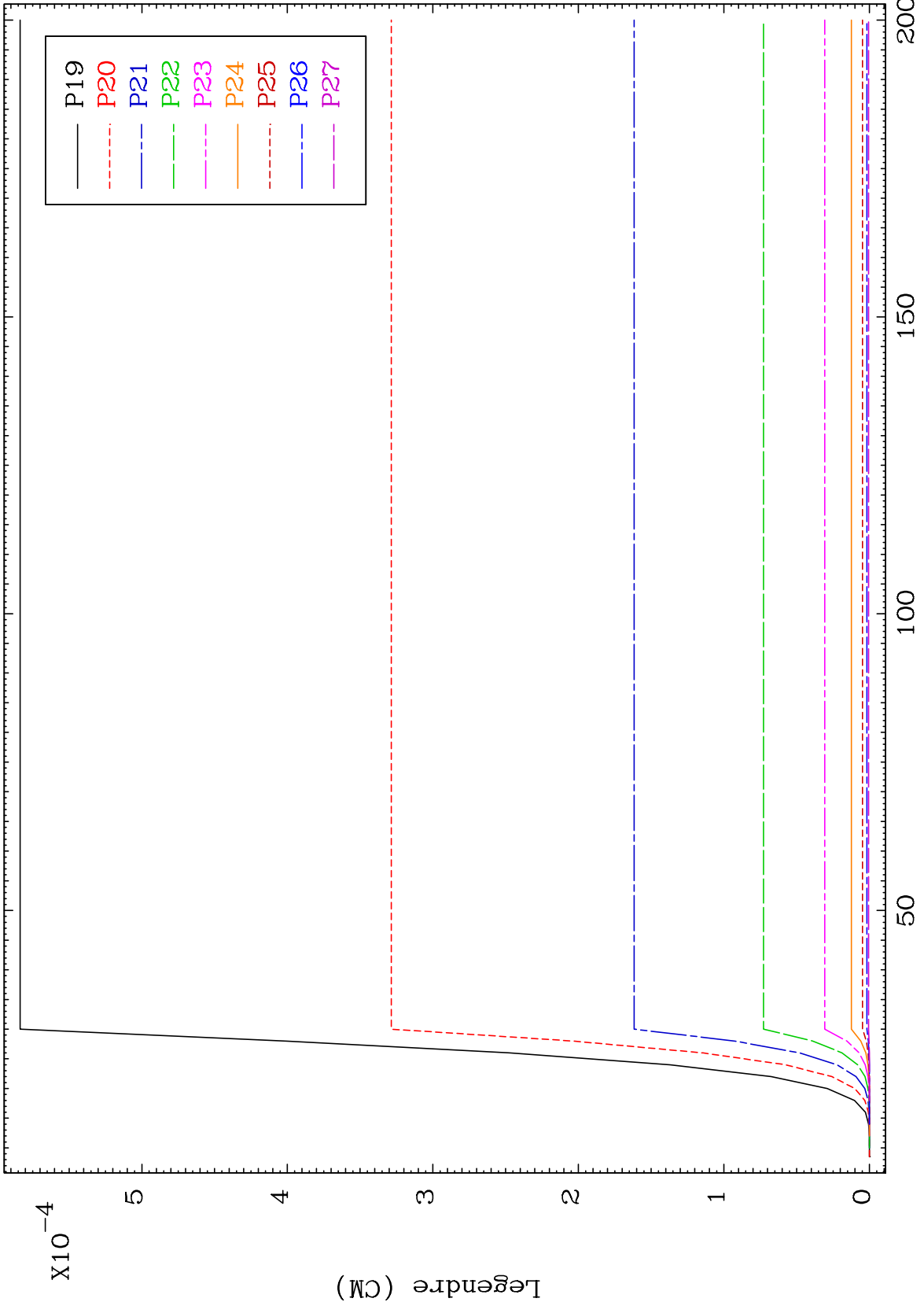
MAT 4010 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-85



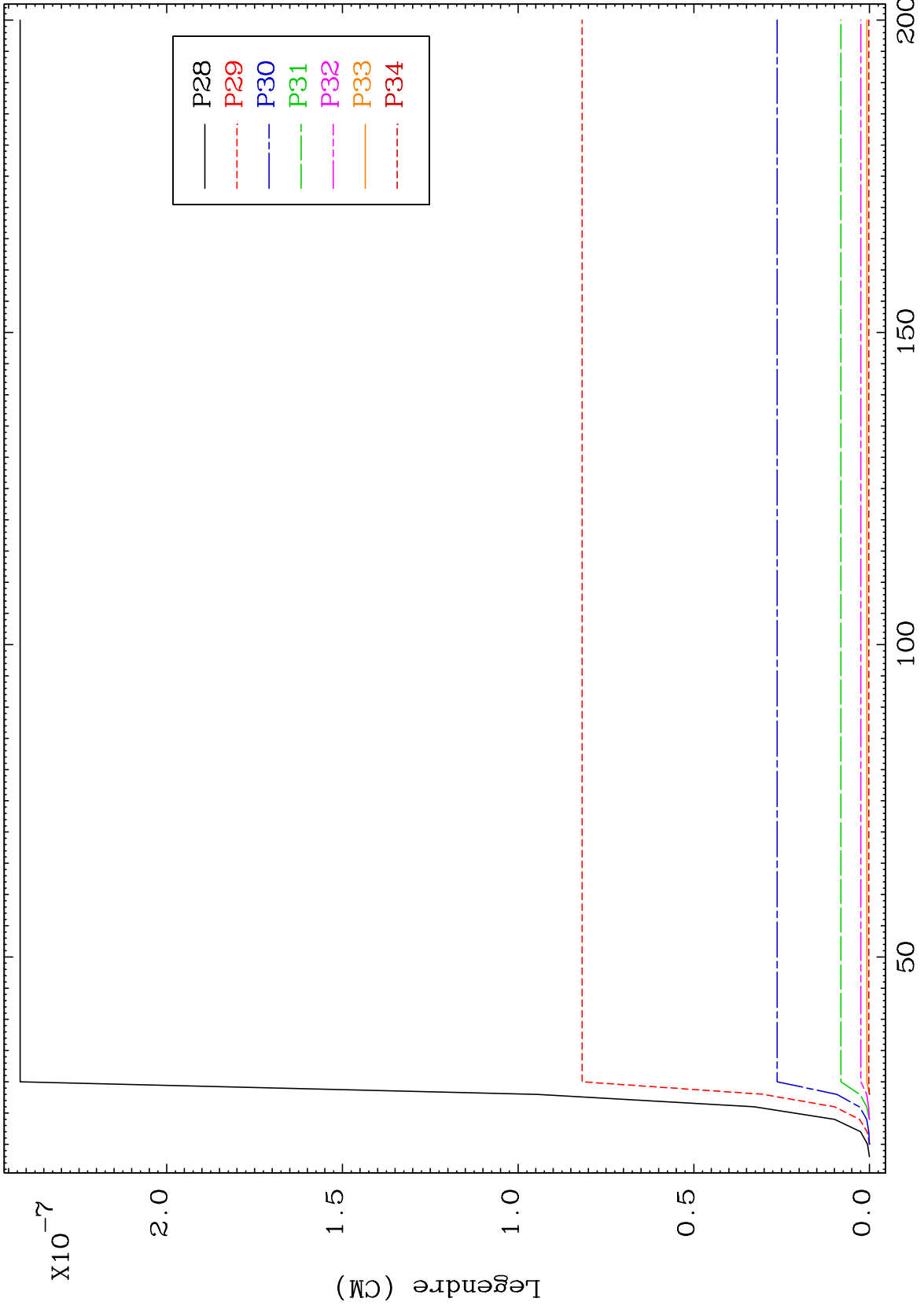
52 Incident Energy (MeV) 40-Zr-85



MAT 4010 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-85

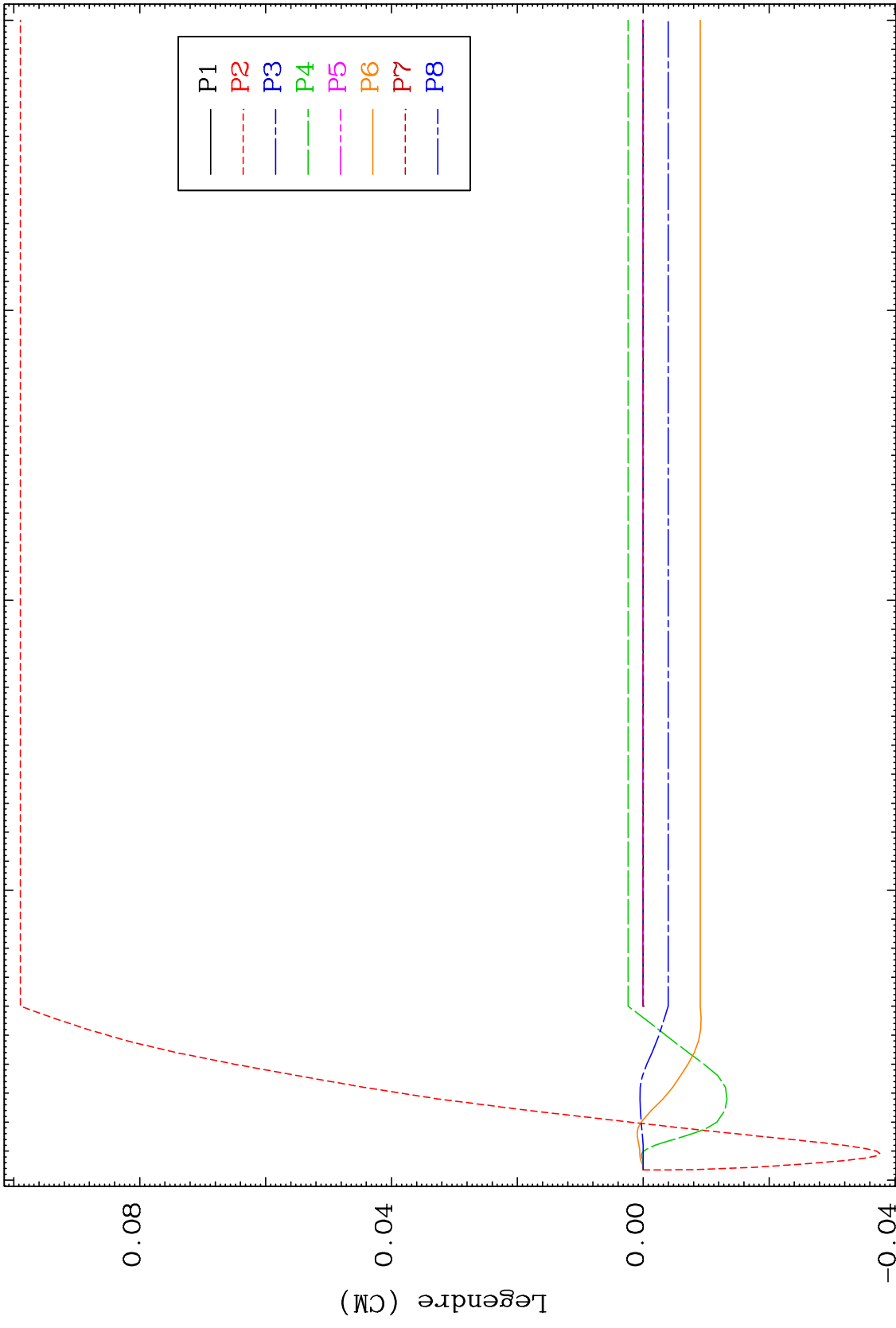


MAT 4010 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-85



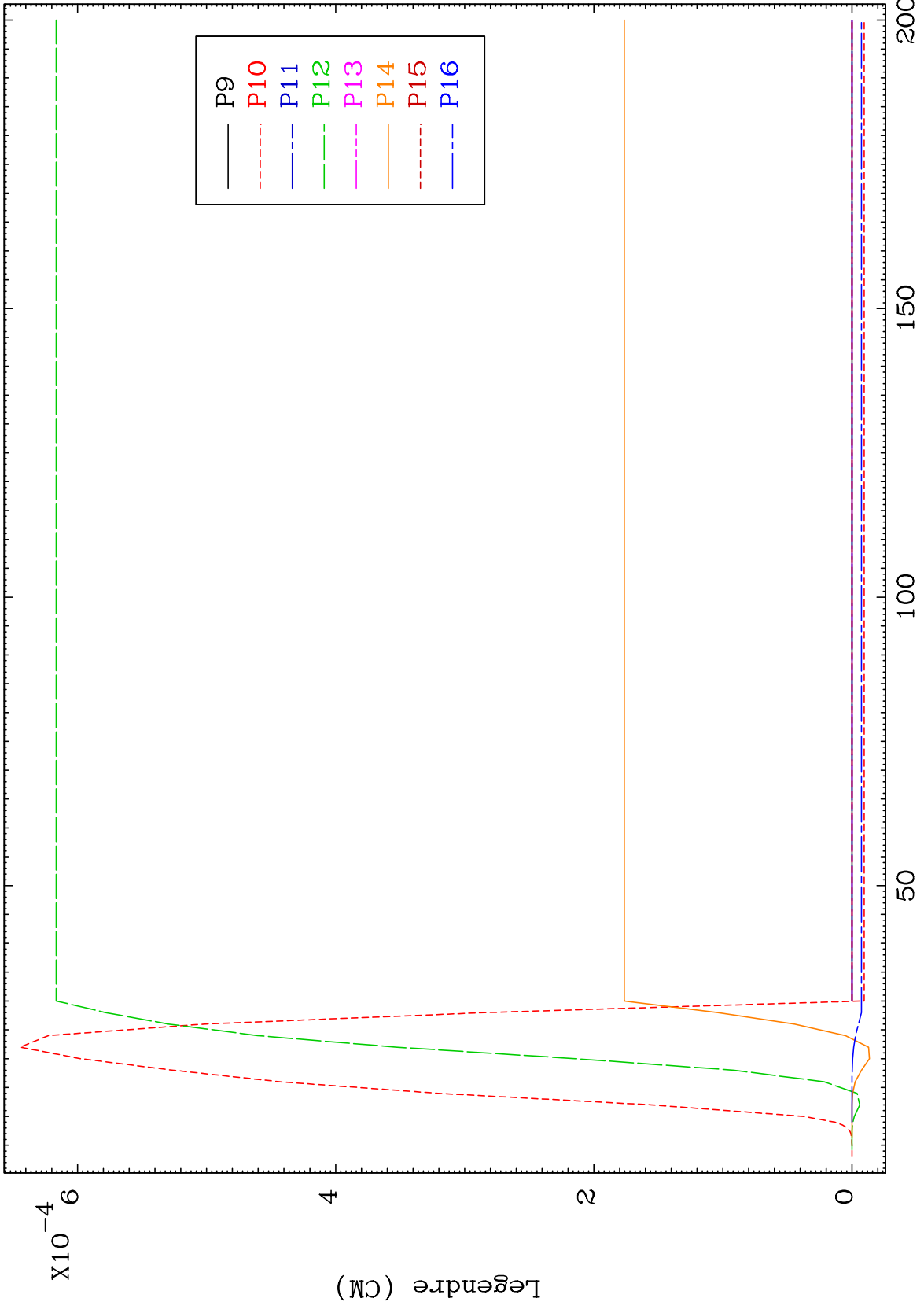
55 100 150 200 40-Zr-85

MAT 4010 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-85

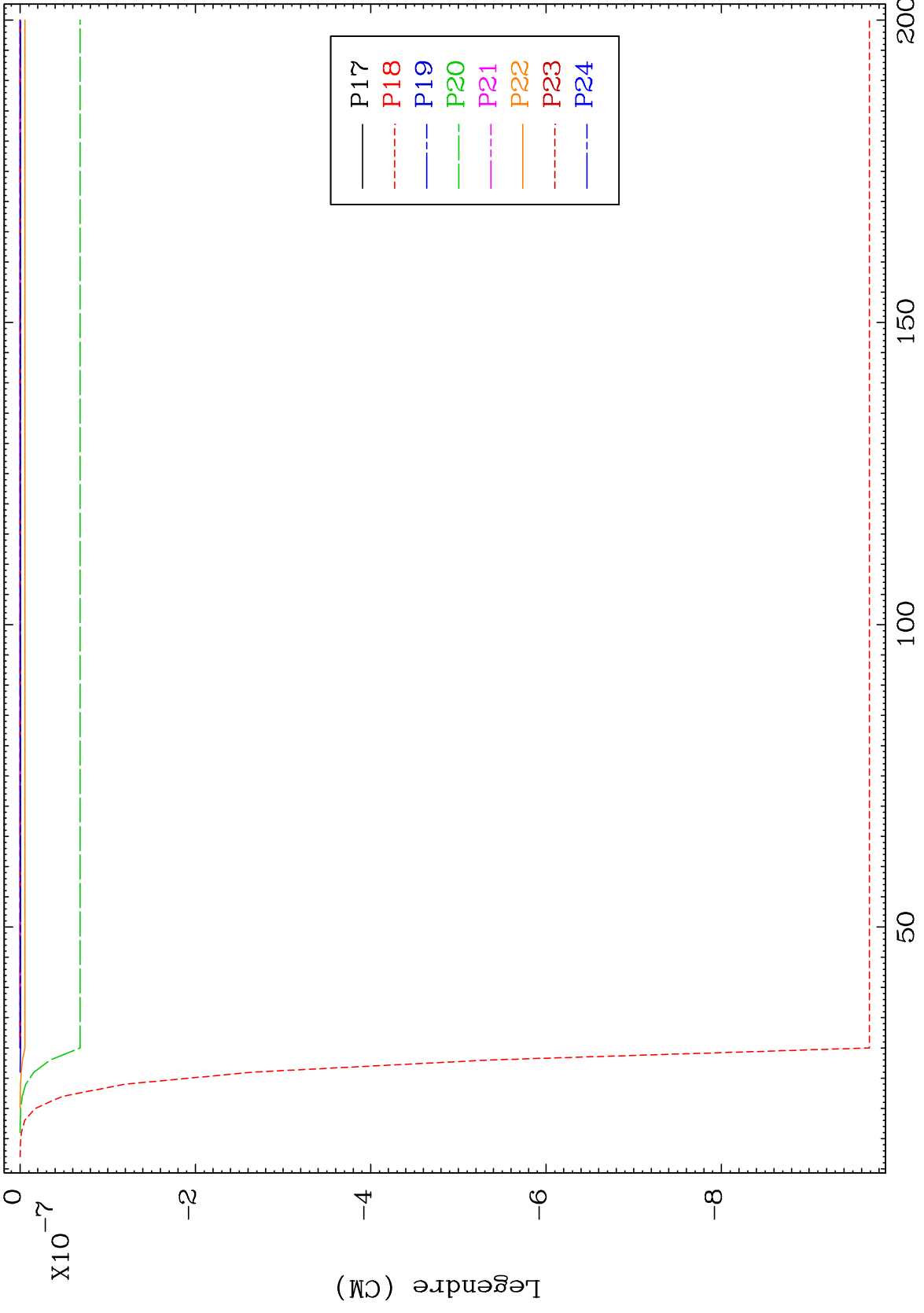


56 40-Zr-85

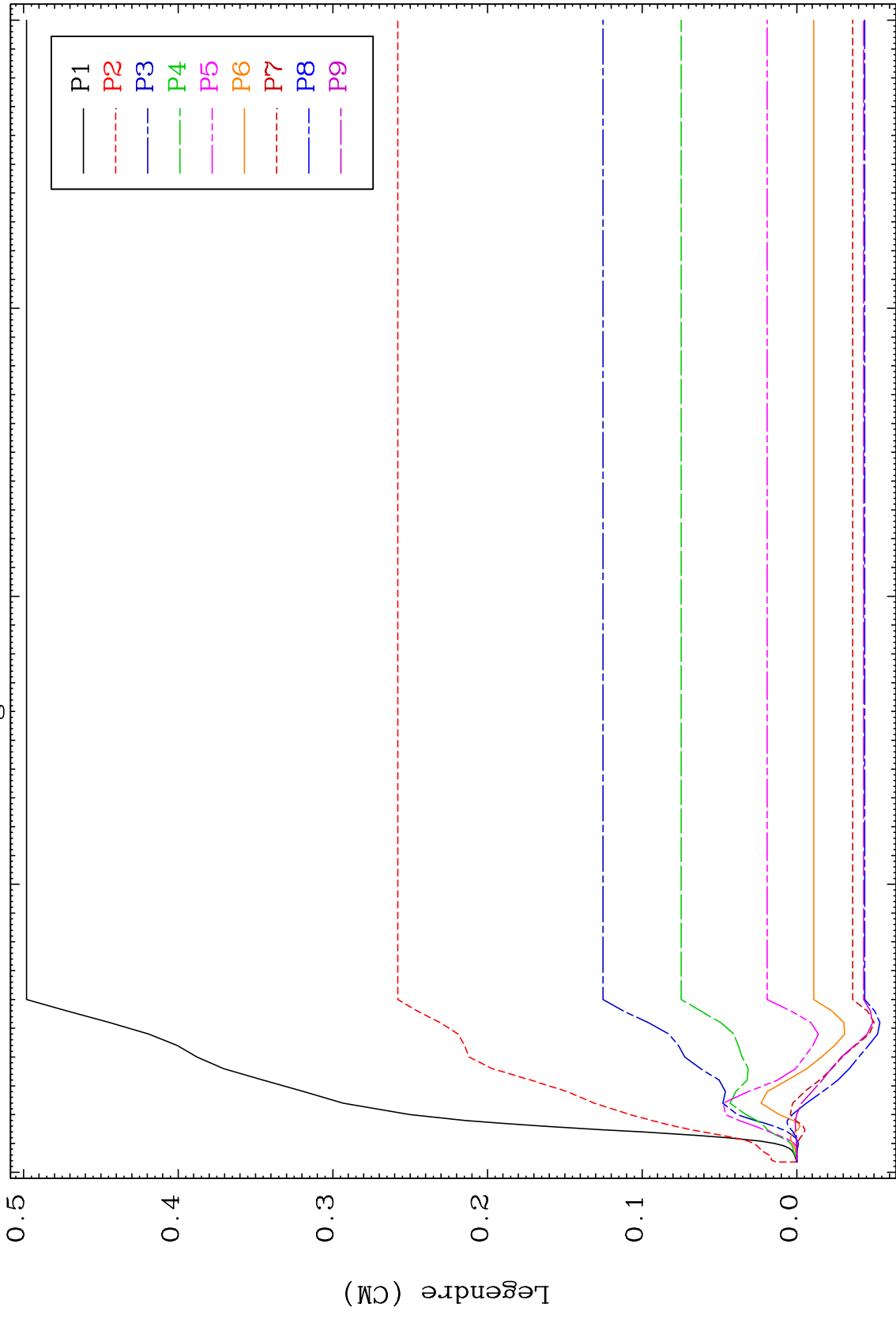
MAT 4010 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-85



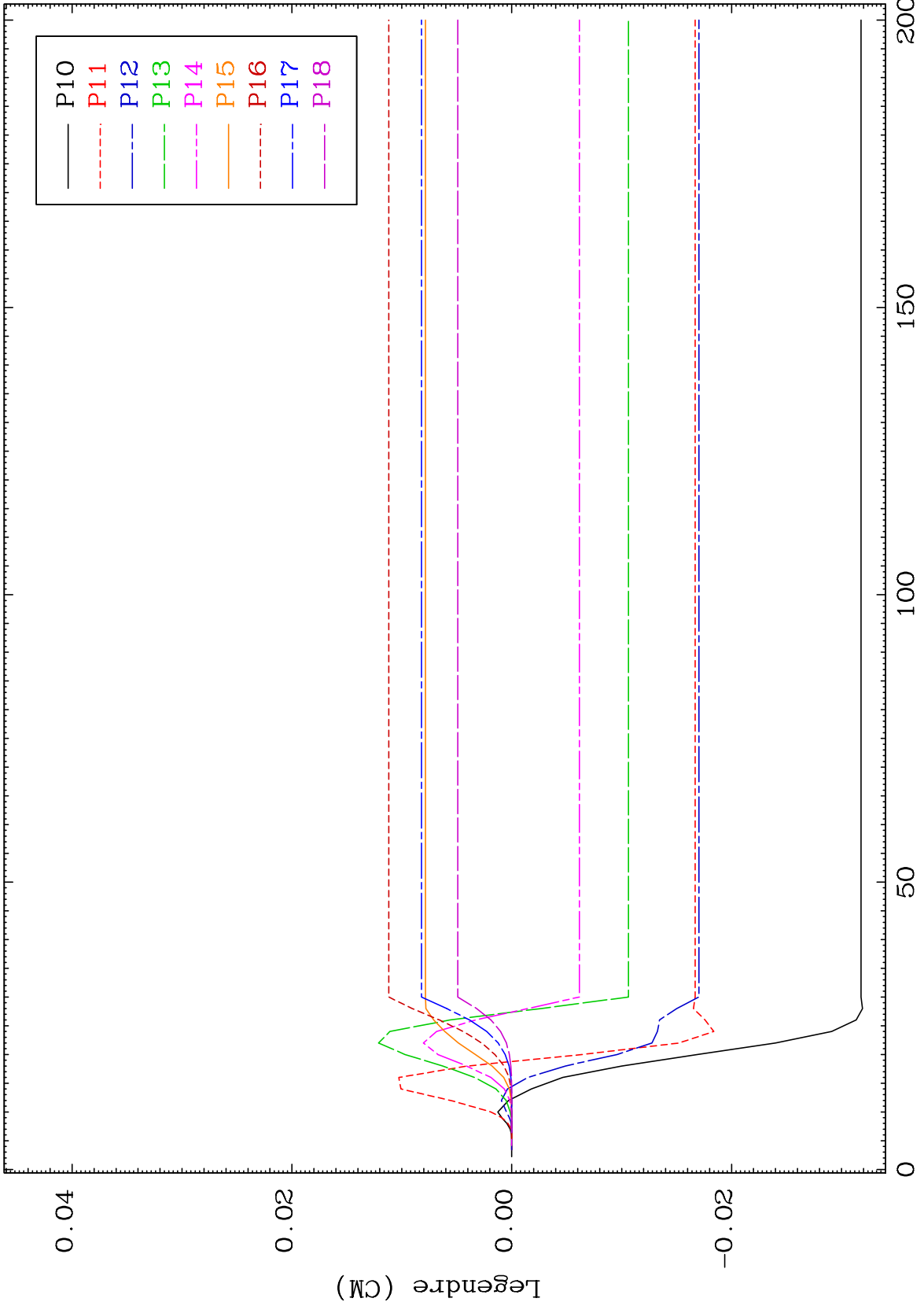
MAT 4010 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-85

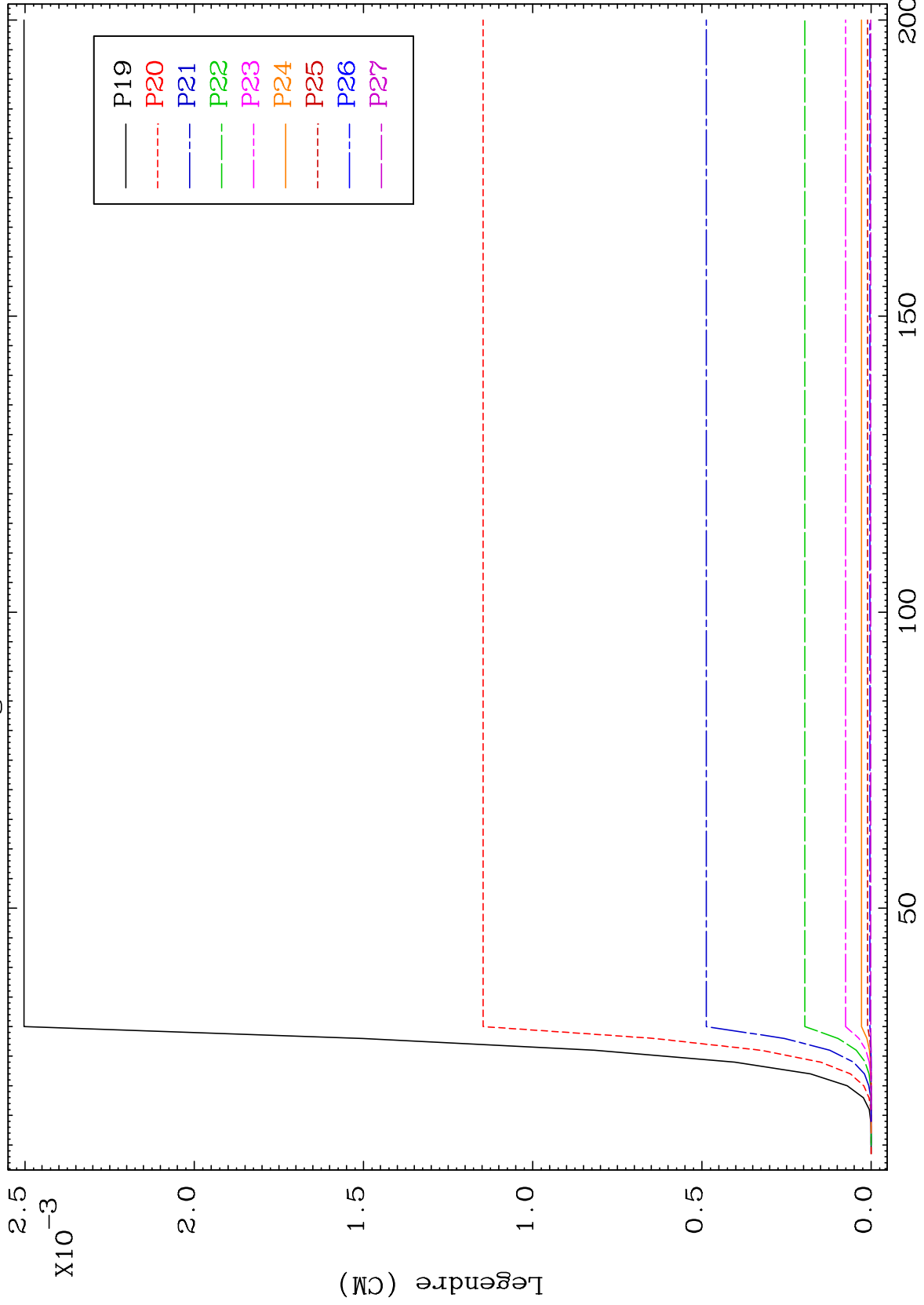


60 Incident Energy (MeV) 40-Zr-85

MAT 4010

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

40-Zr-85

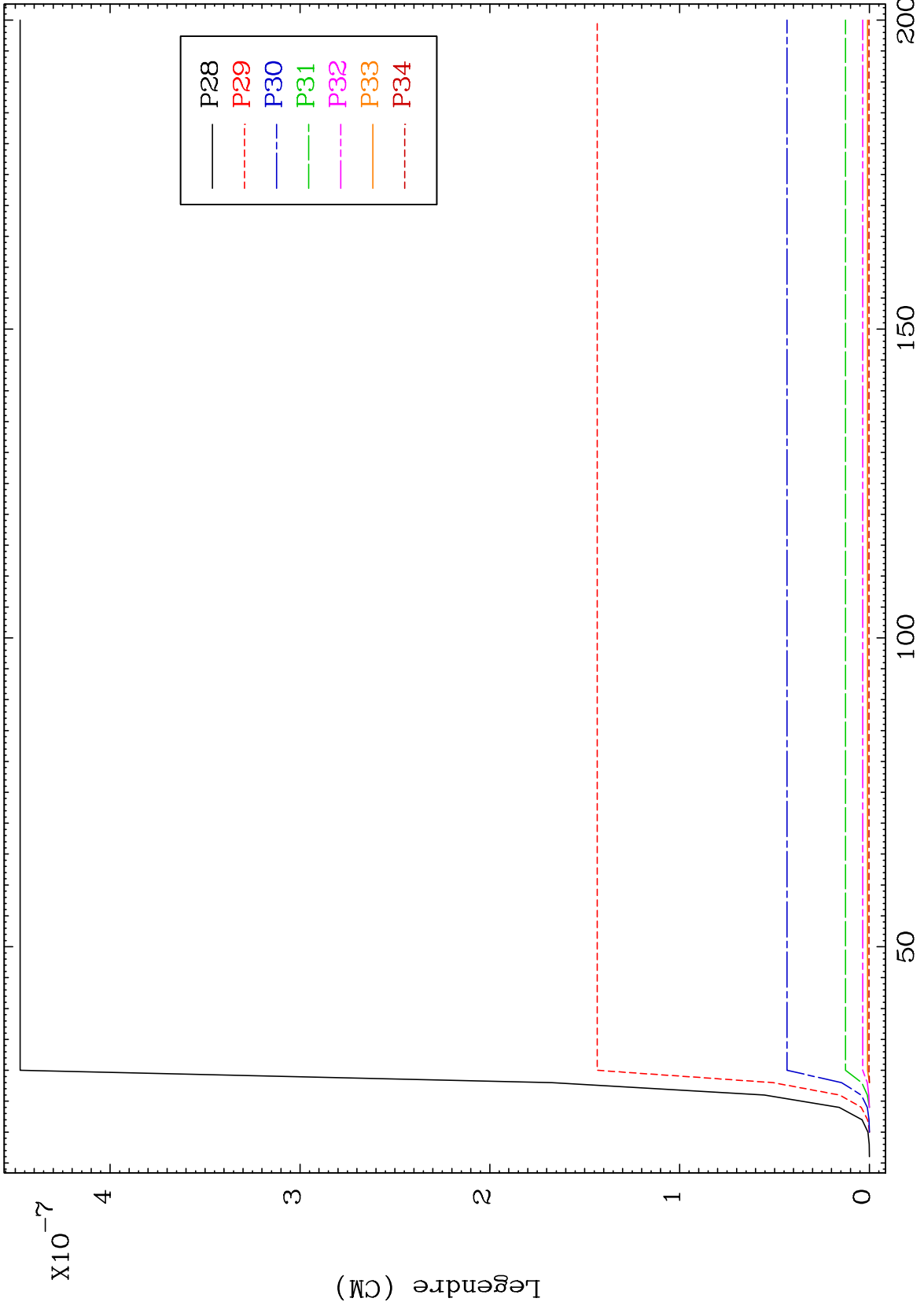


61

Incident Energy (MeV)

40-Zr-85

MAT 4010 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-85



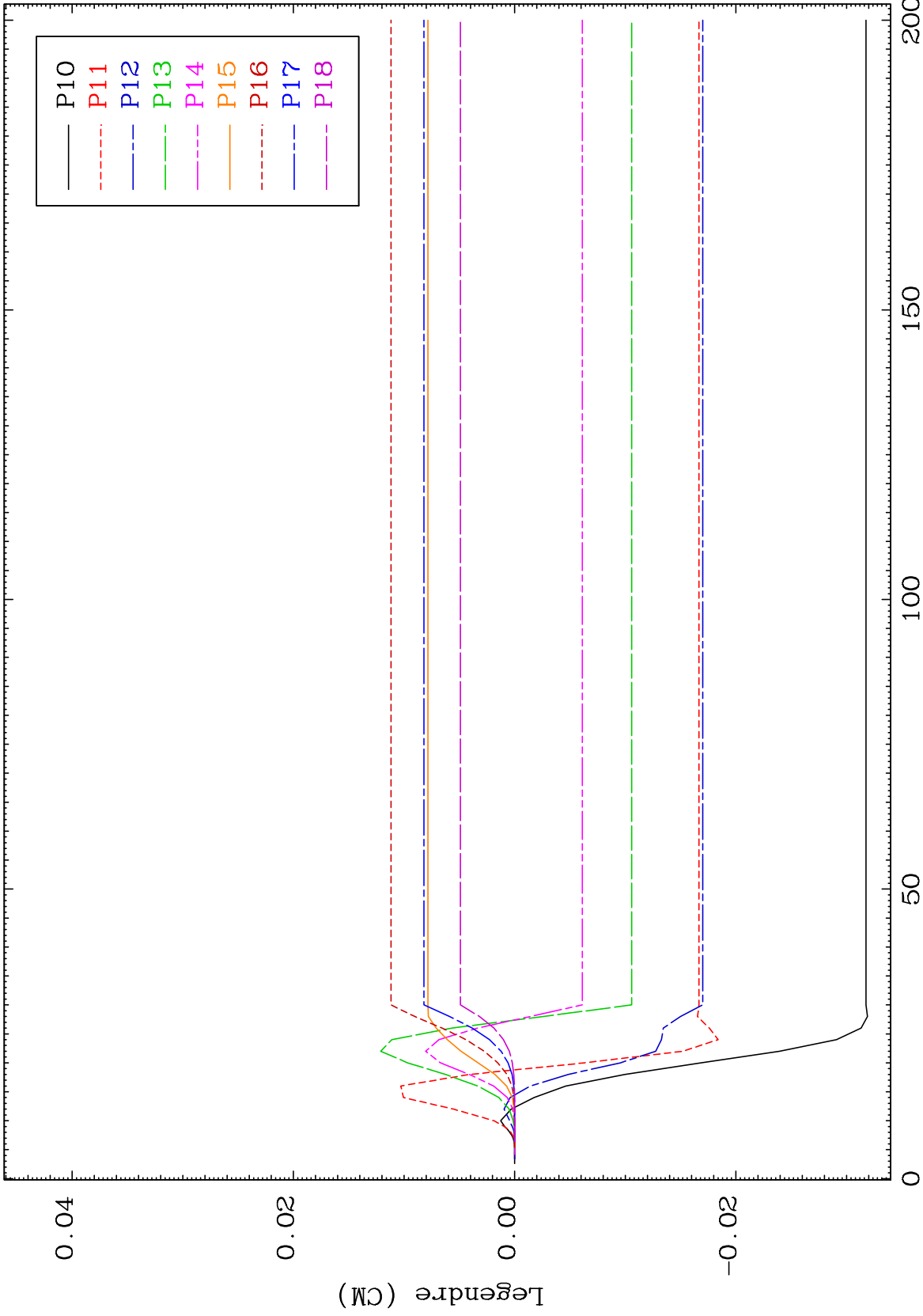
62 40-Zr-85

MAT 4010 MT= 63 (n,n') Level Legendre Coefficients

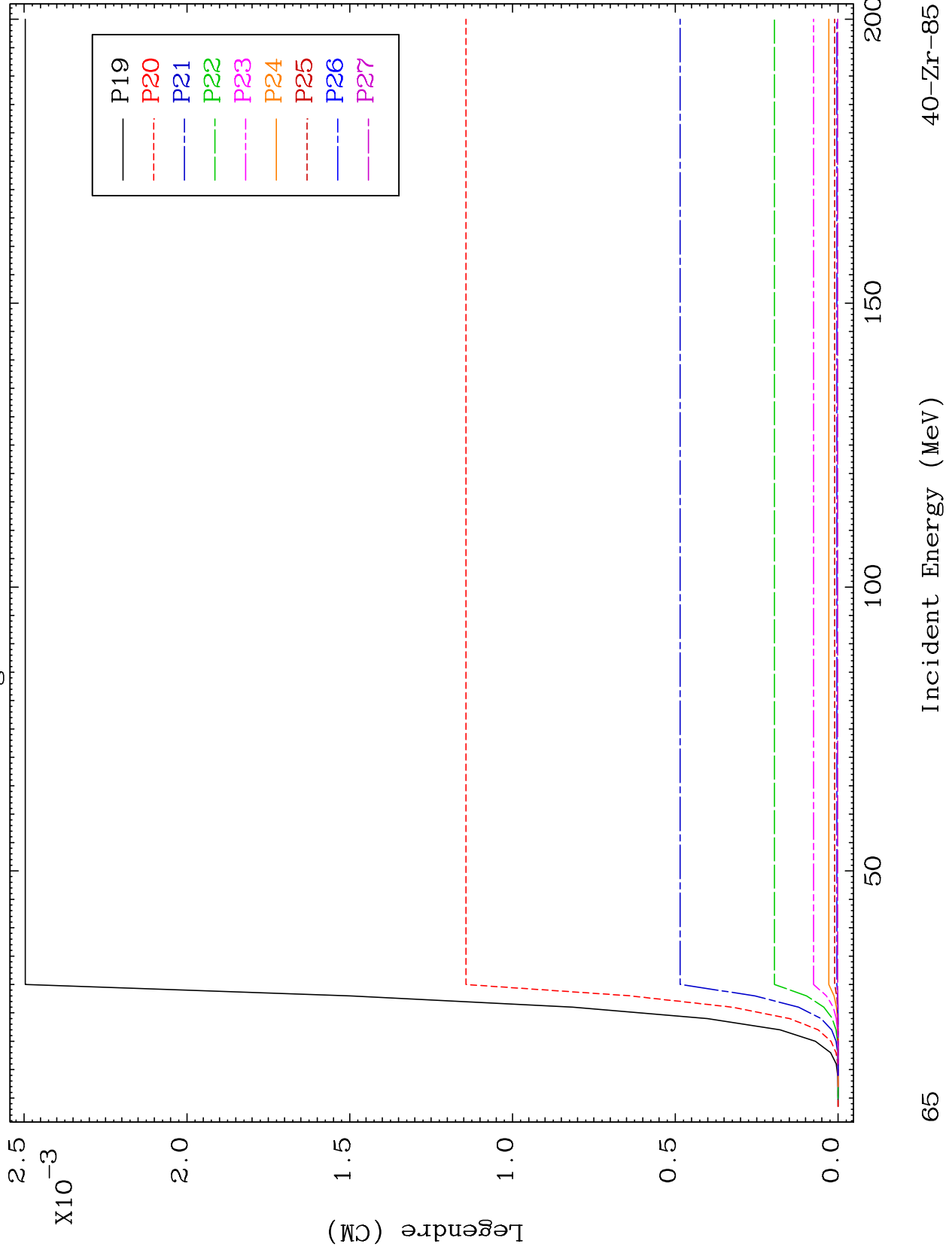
40-Zr-85

40-Zr-85

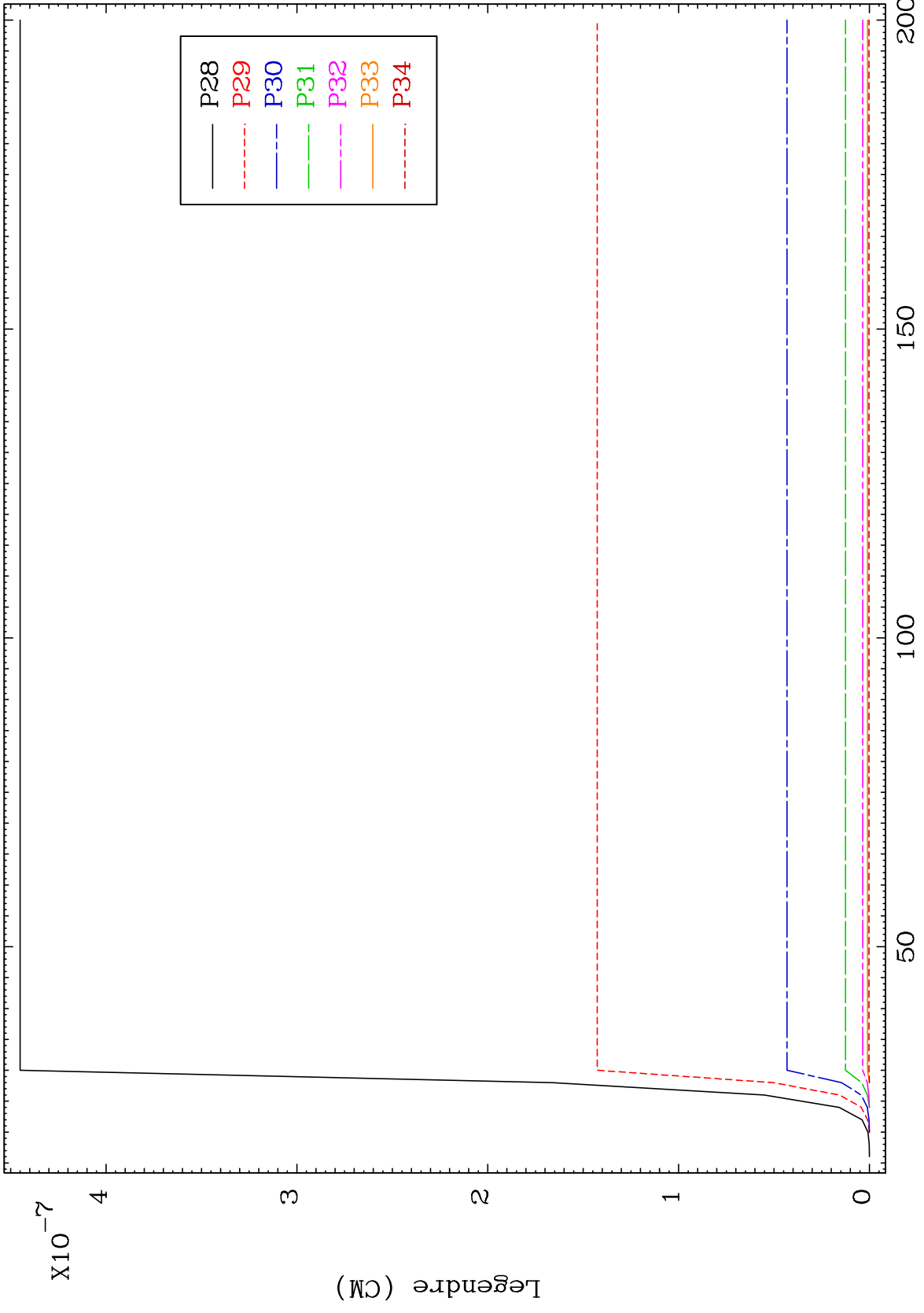
64



MAT 4010 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-85

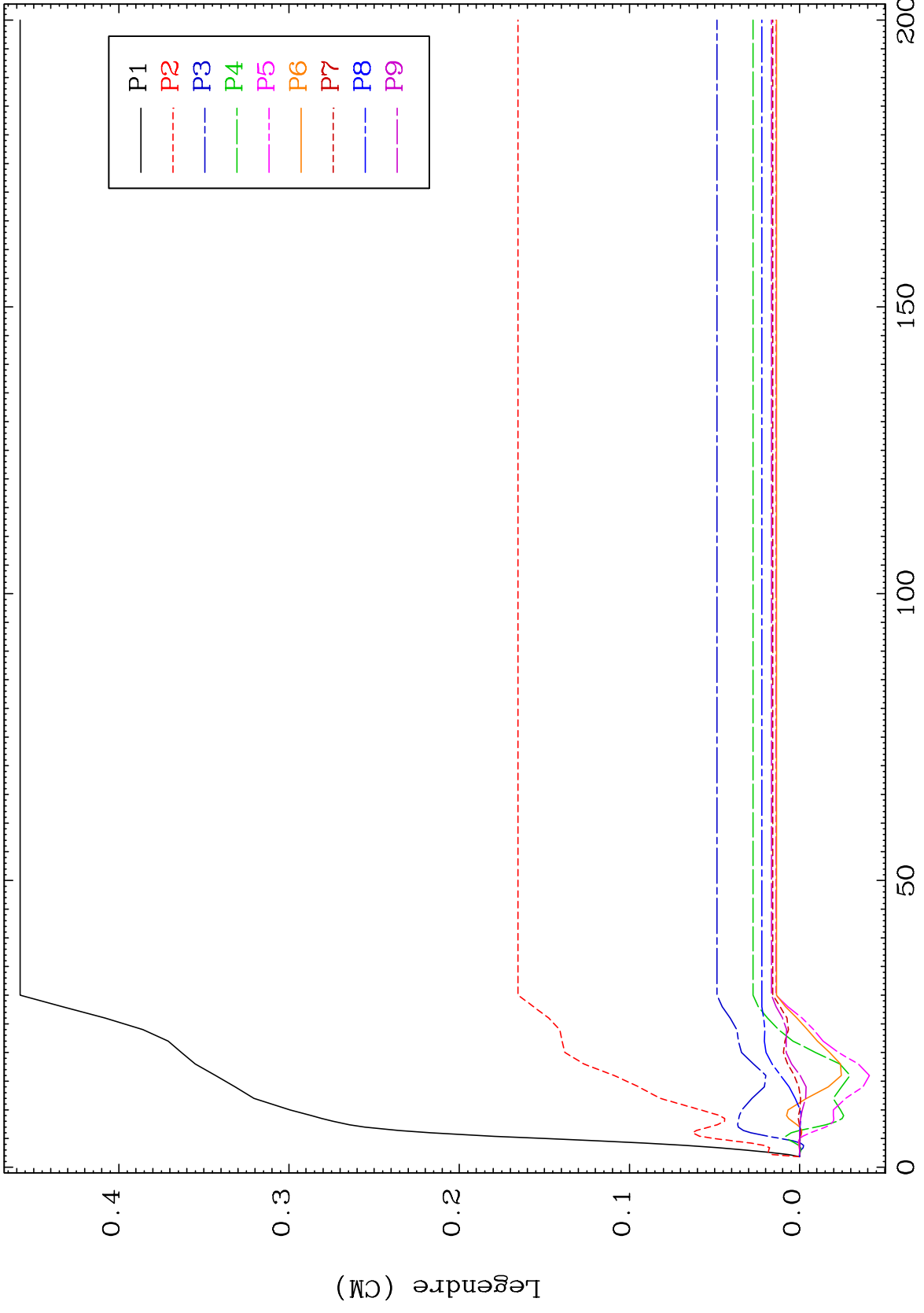


MAT 4010 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-85



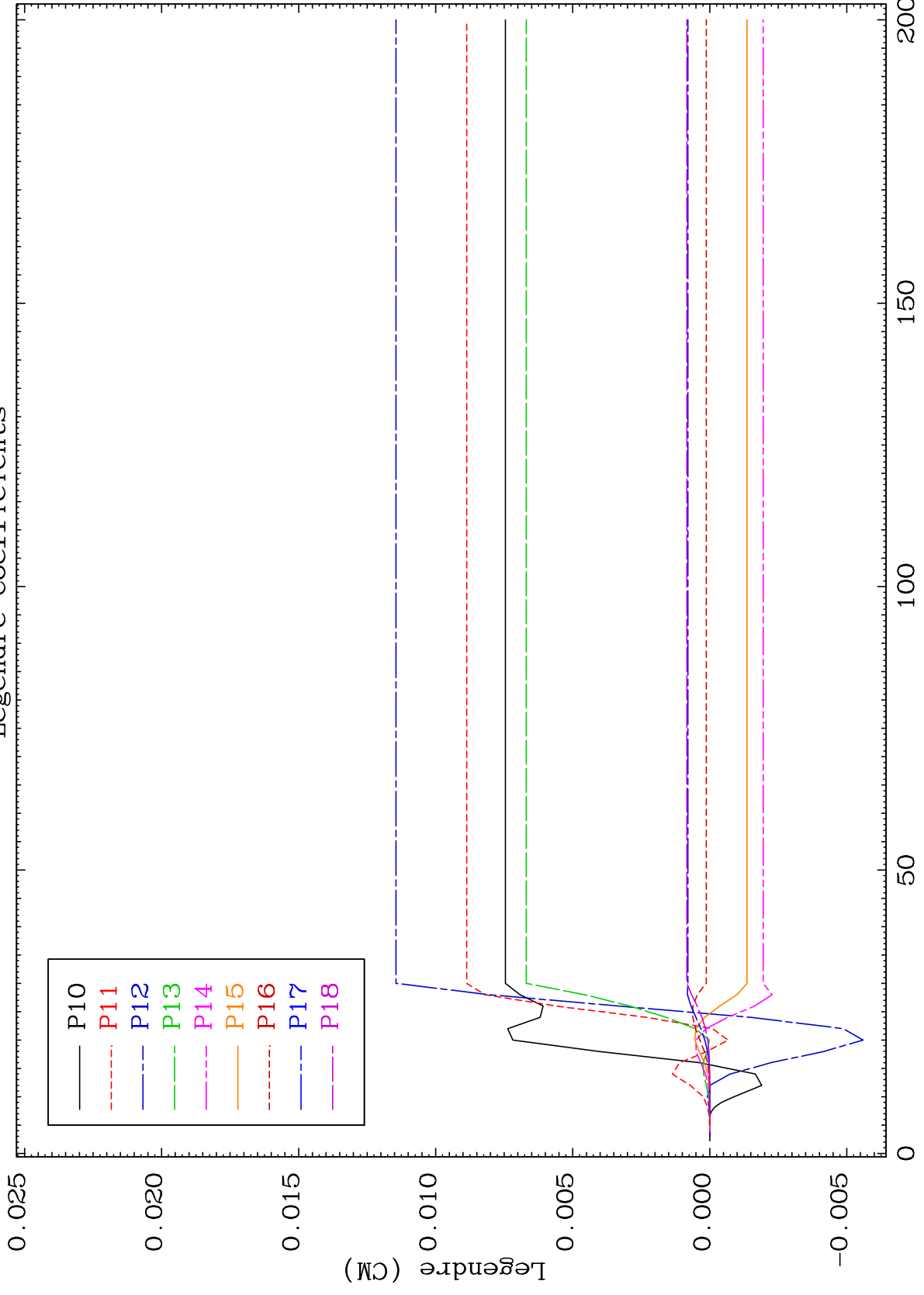
66 40-Zr-85

MAT 4010 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-85

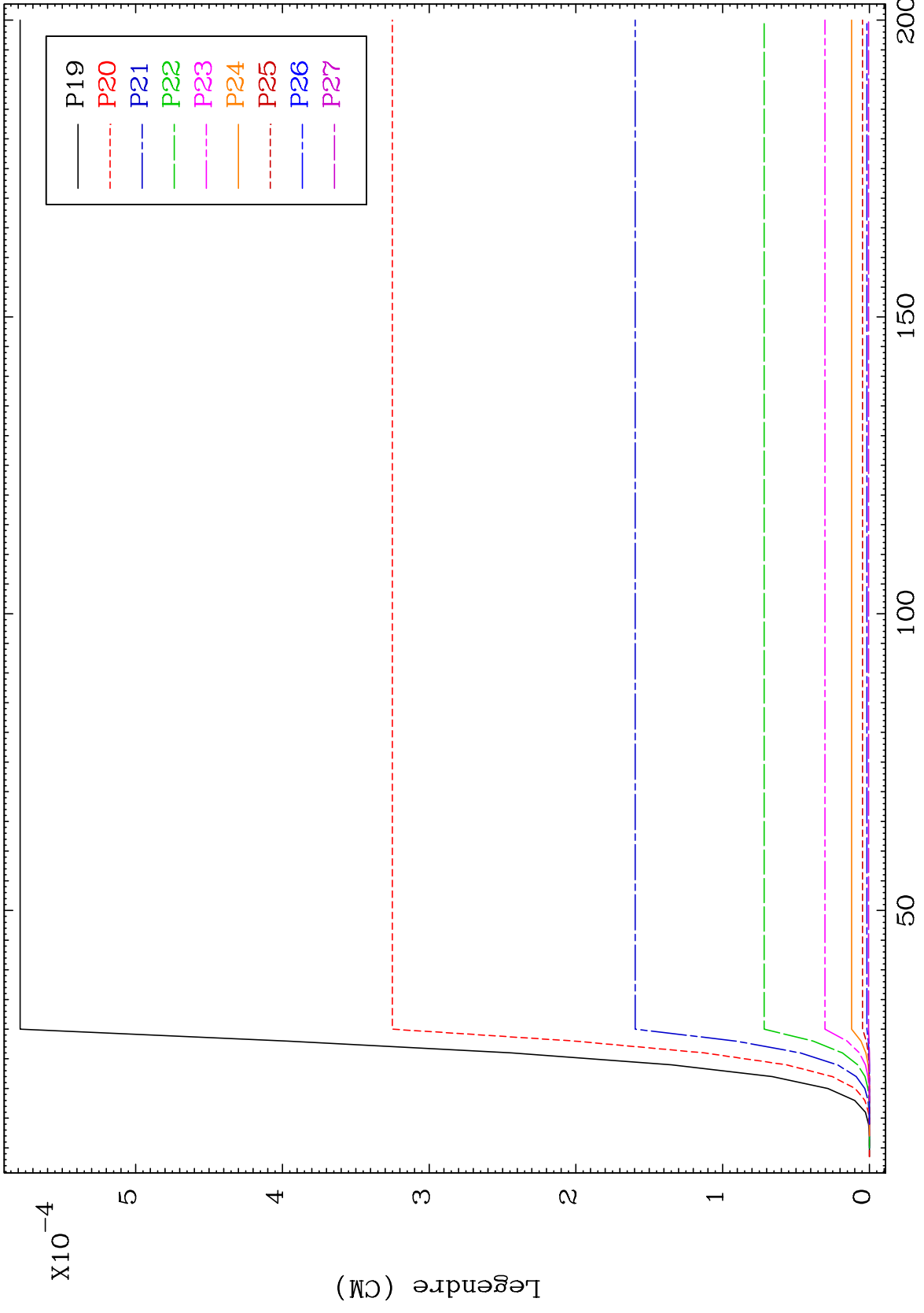


67 40-Zr-85

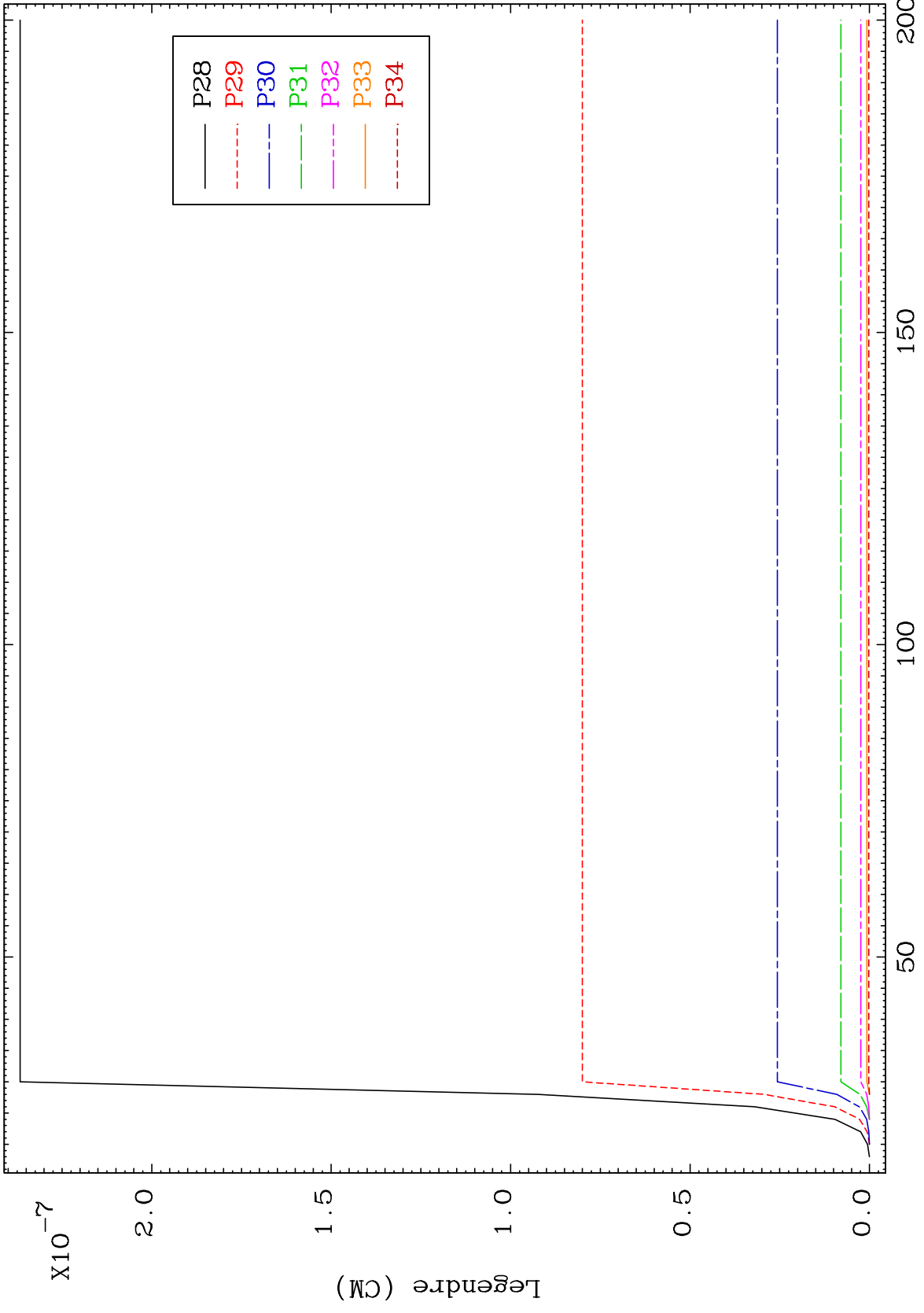
MAT 4010 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-85

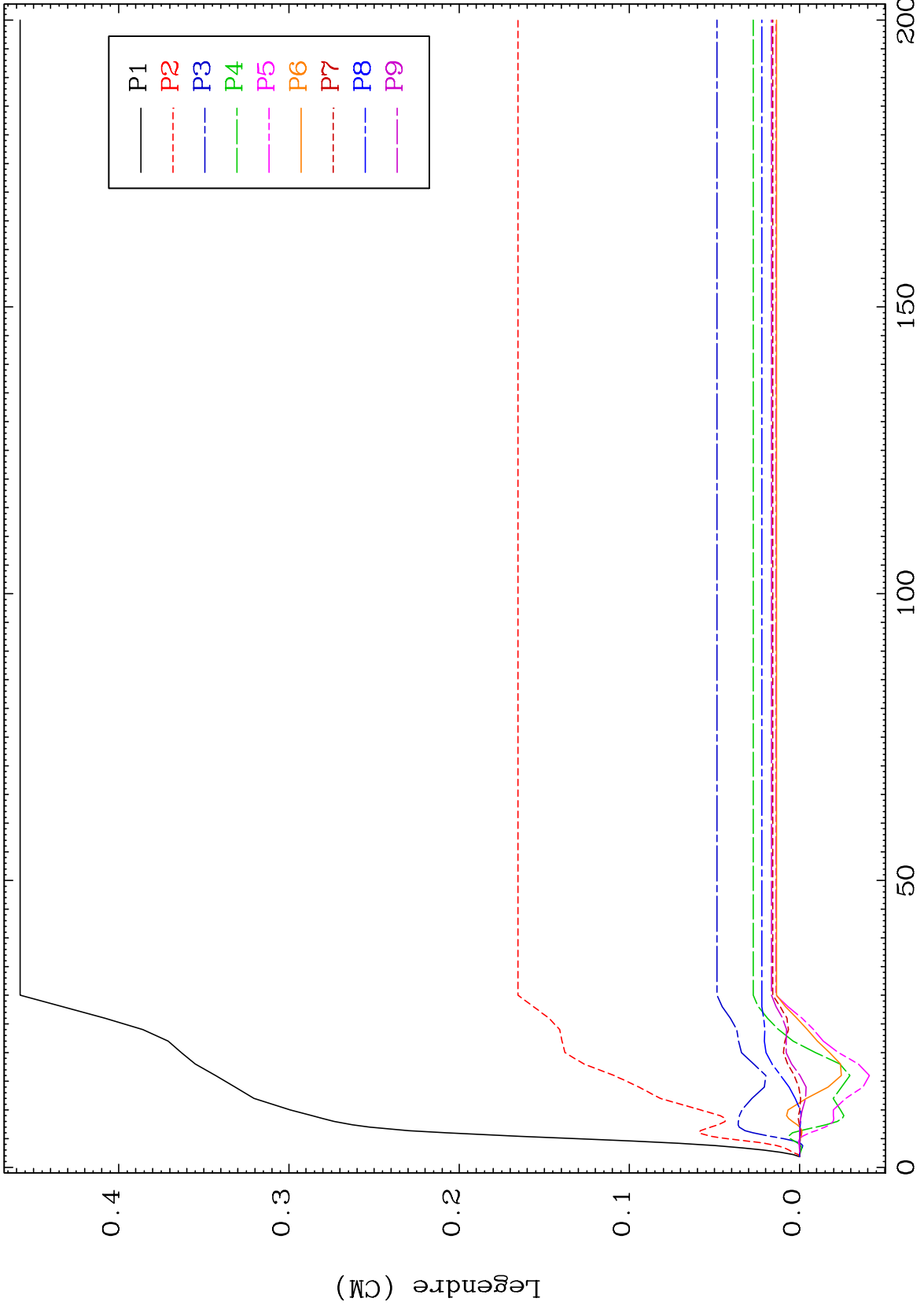


MAT 4010 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-85



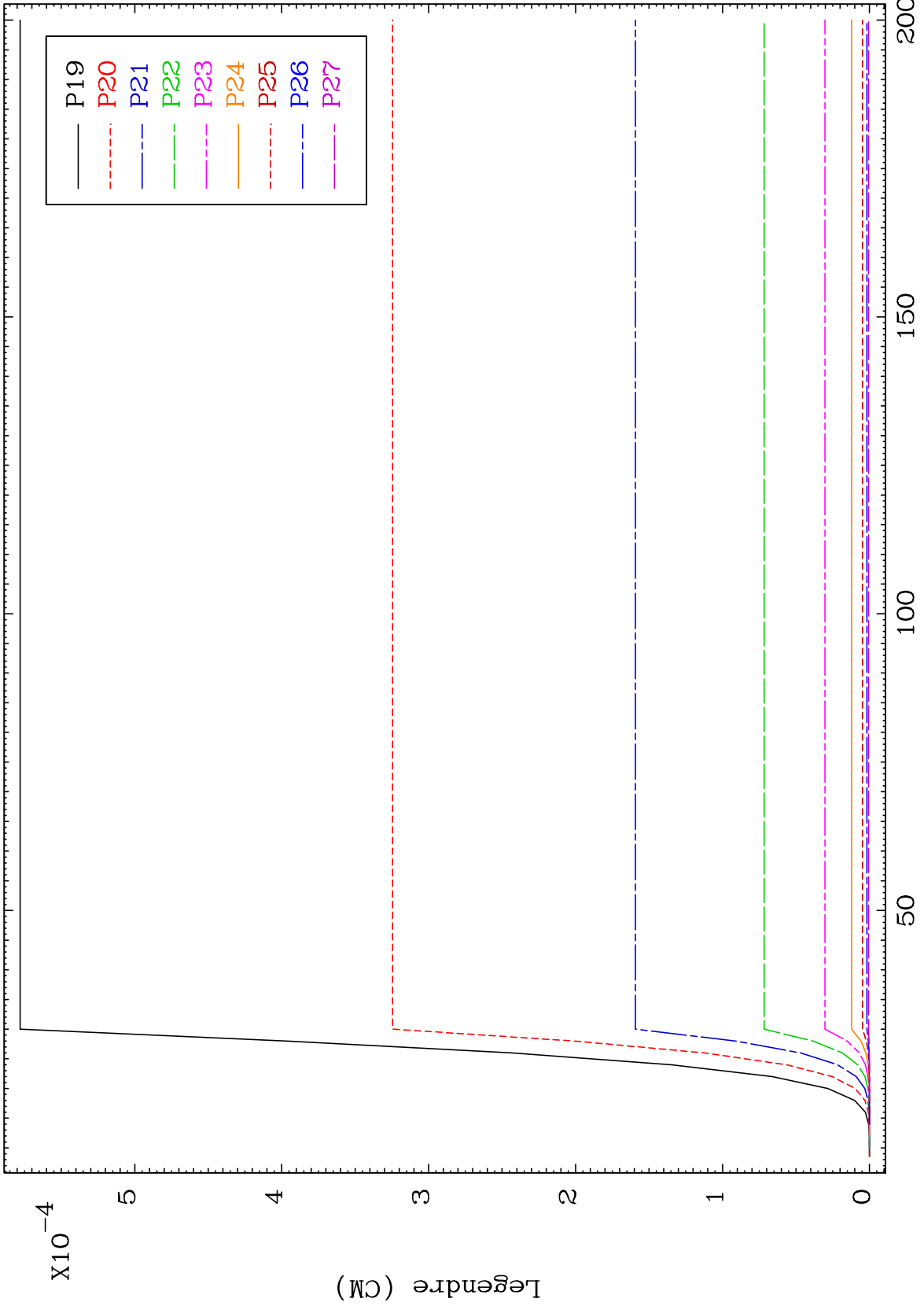
Legendre (CM) X10⁻⁷ Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-85

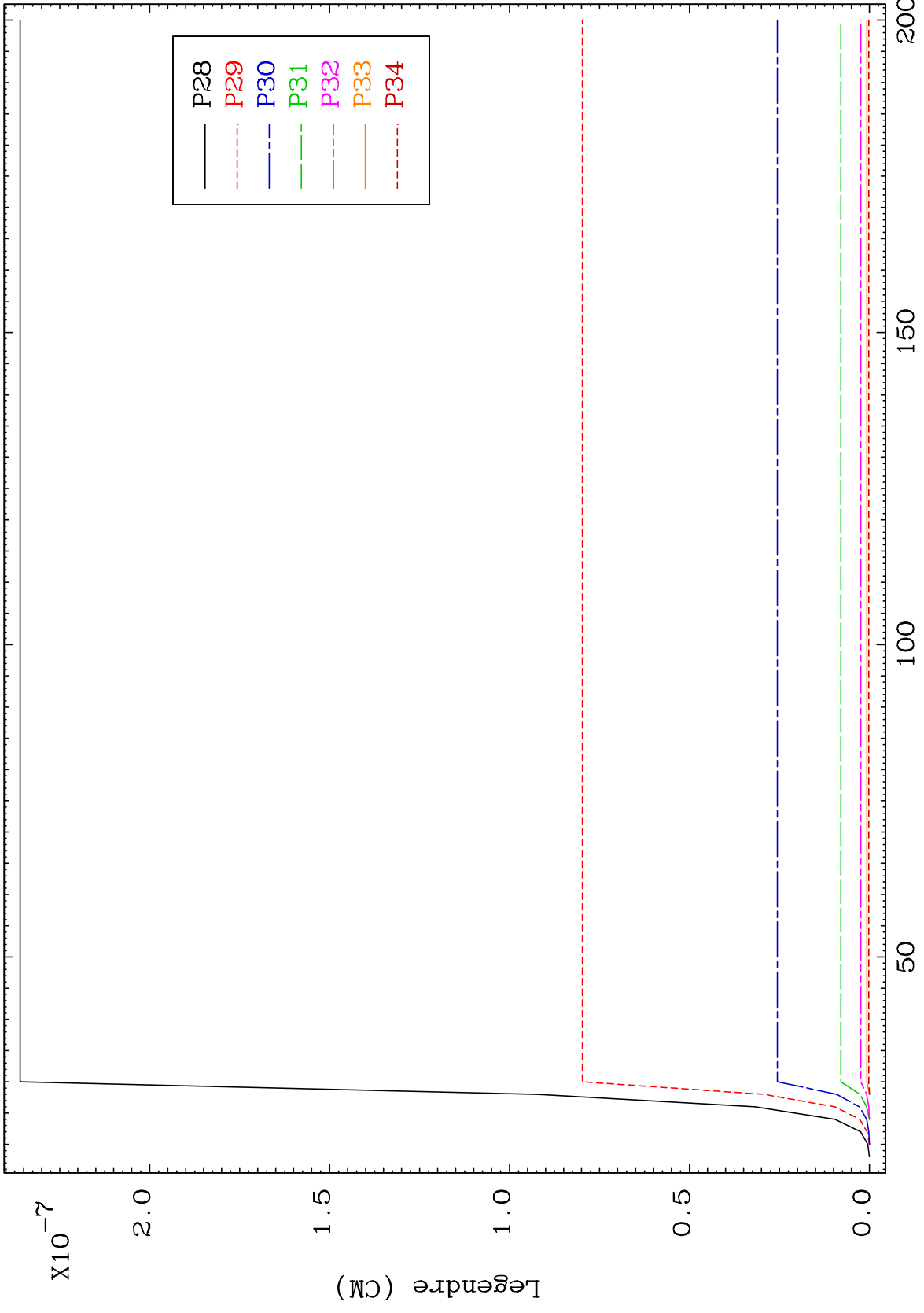


71 40-Zr-85

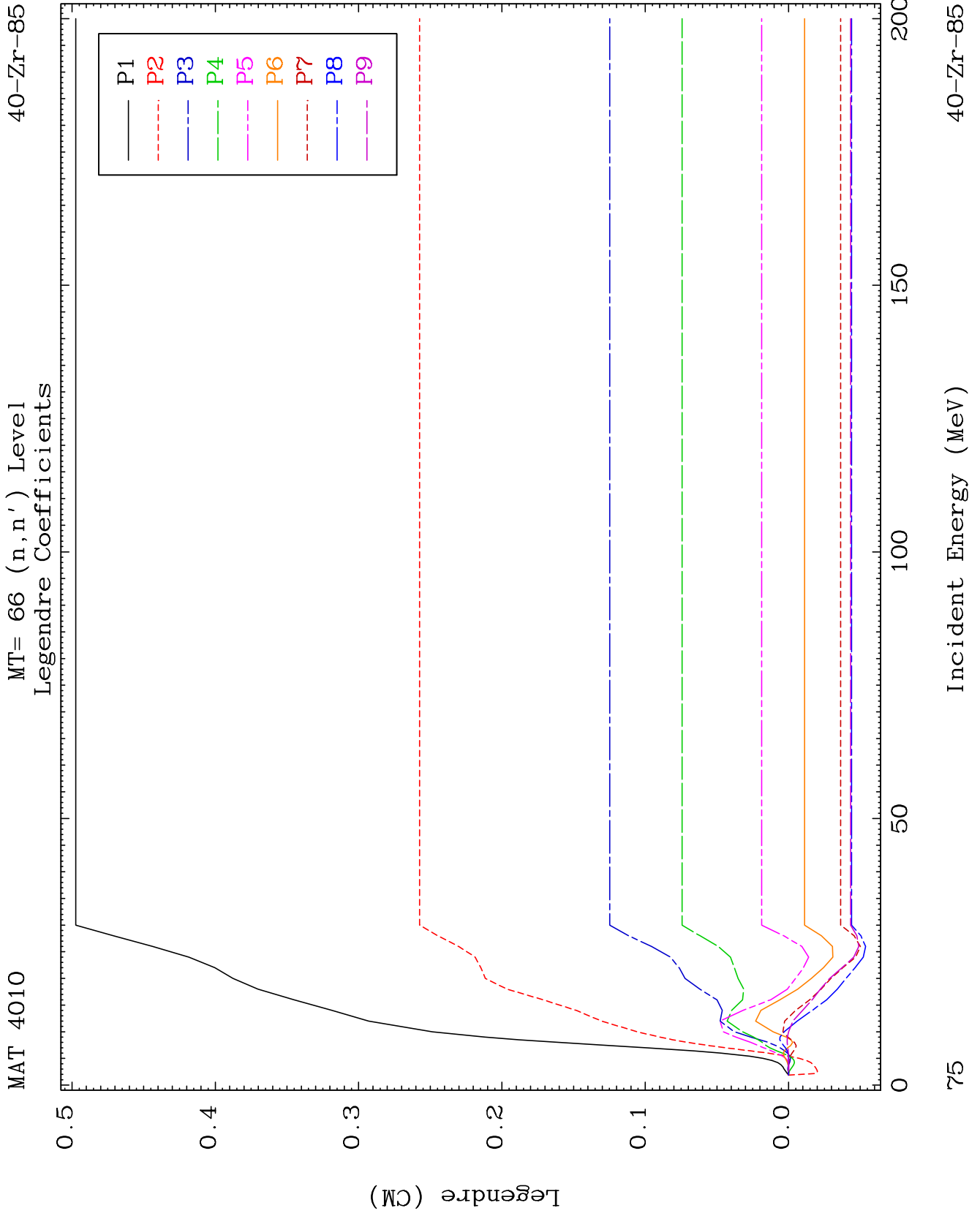
MAT 4010 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-85



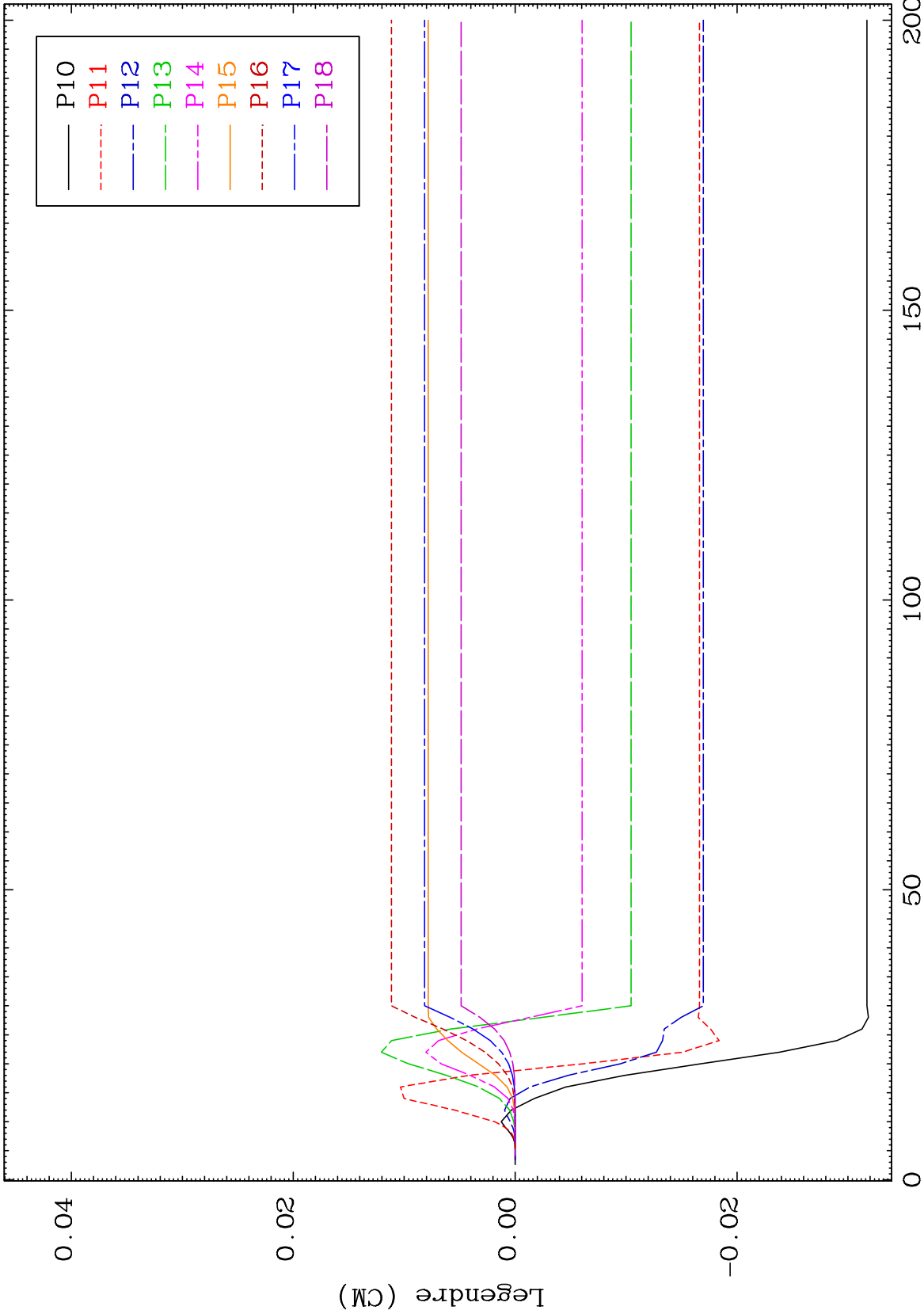
MAT 4010 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-85



74 40-Zr-85

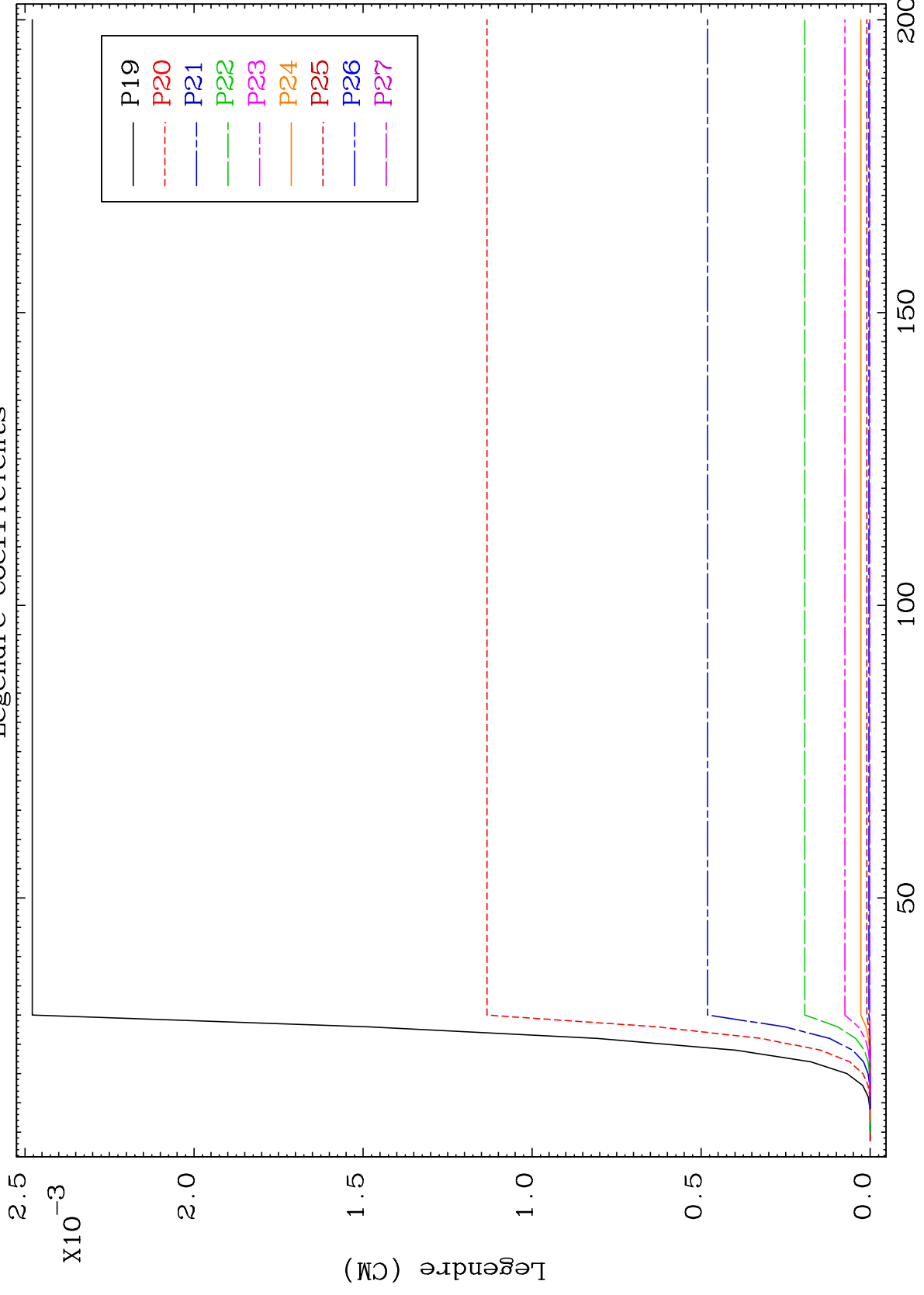


MAT 4010 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-85

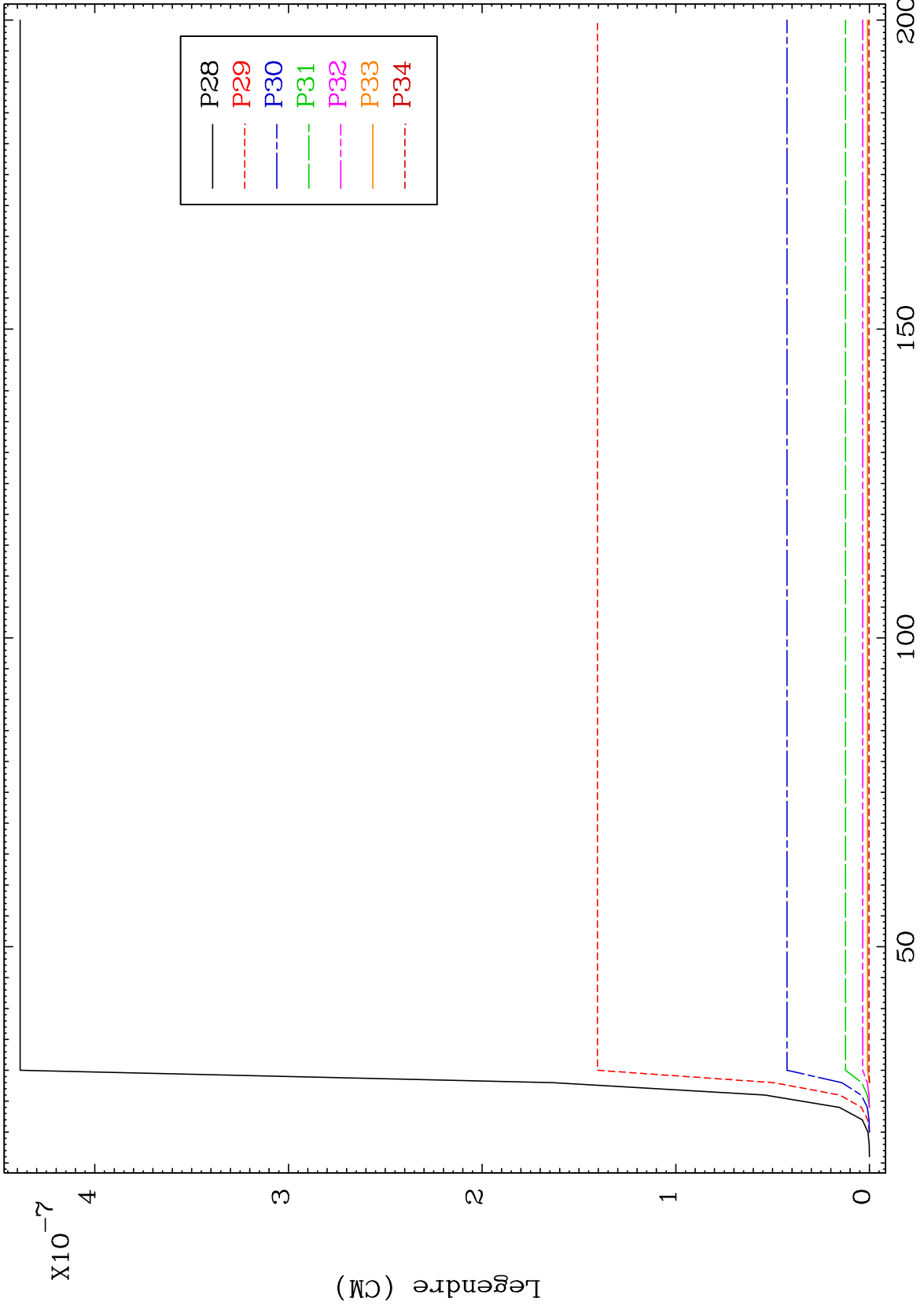


76 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-85

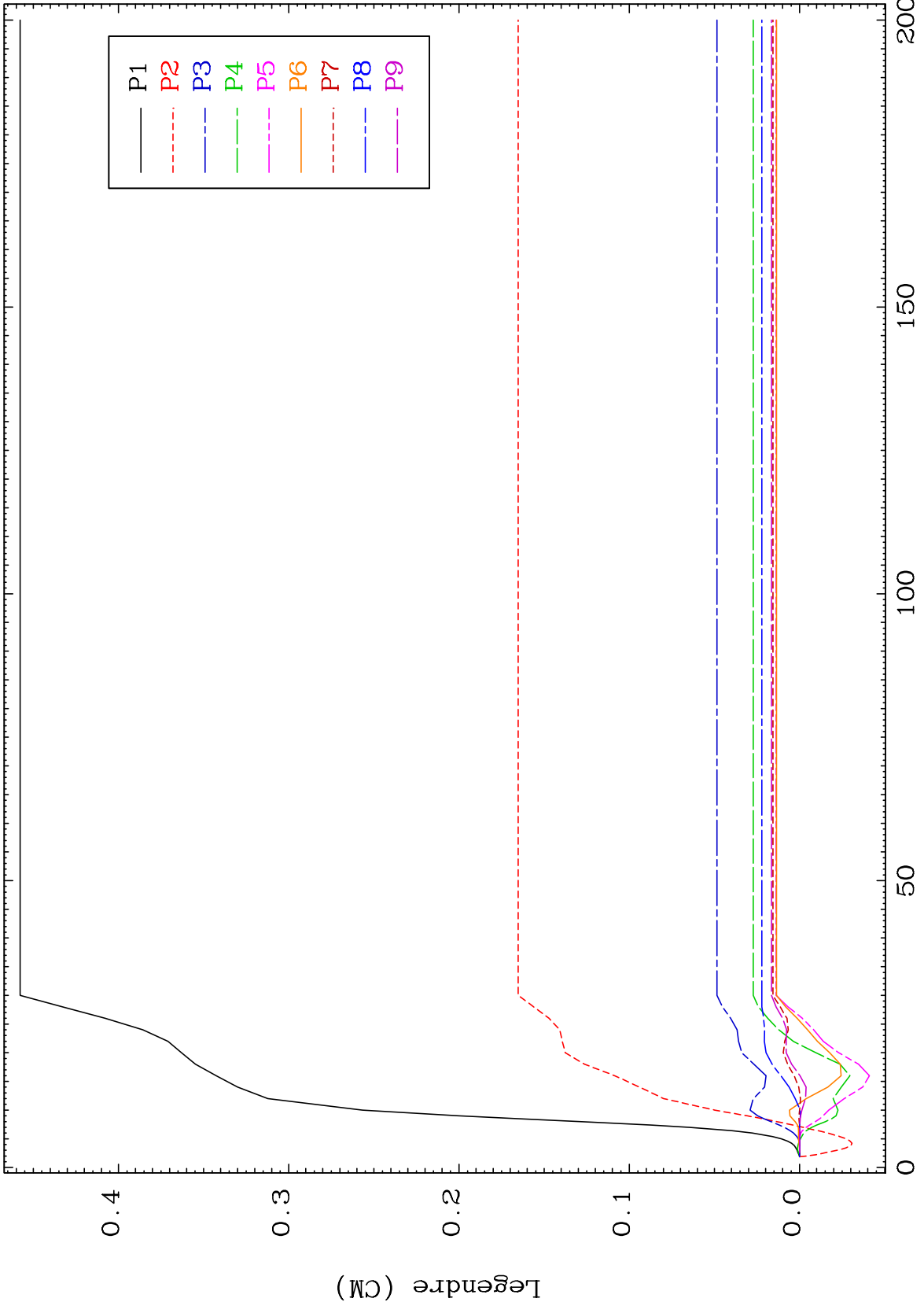


MAT 4010 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-85



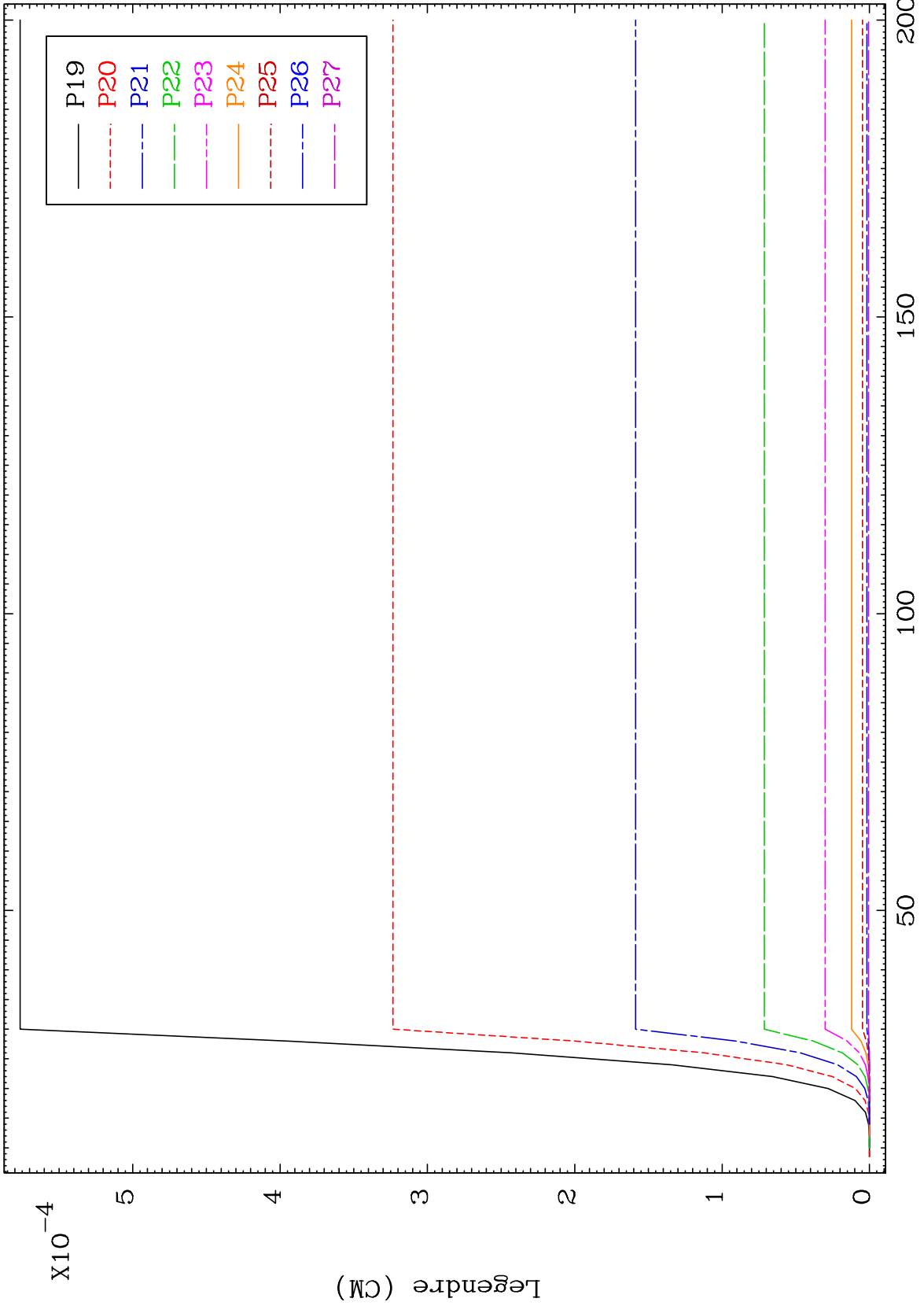
78 150 200 40-Zr-85

MAT 4010 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-85

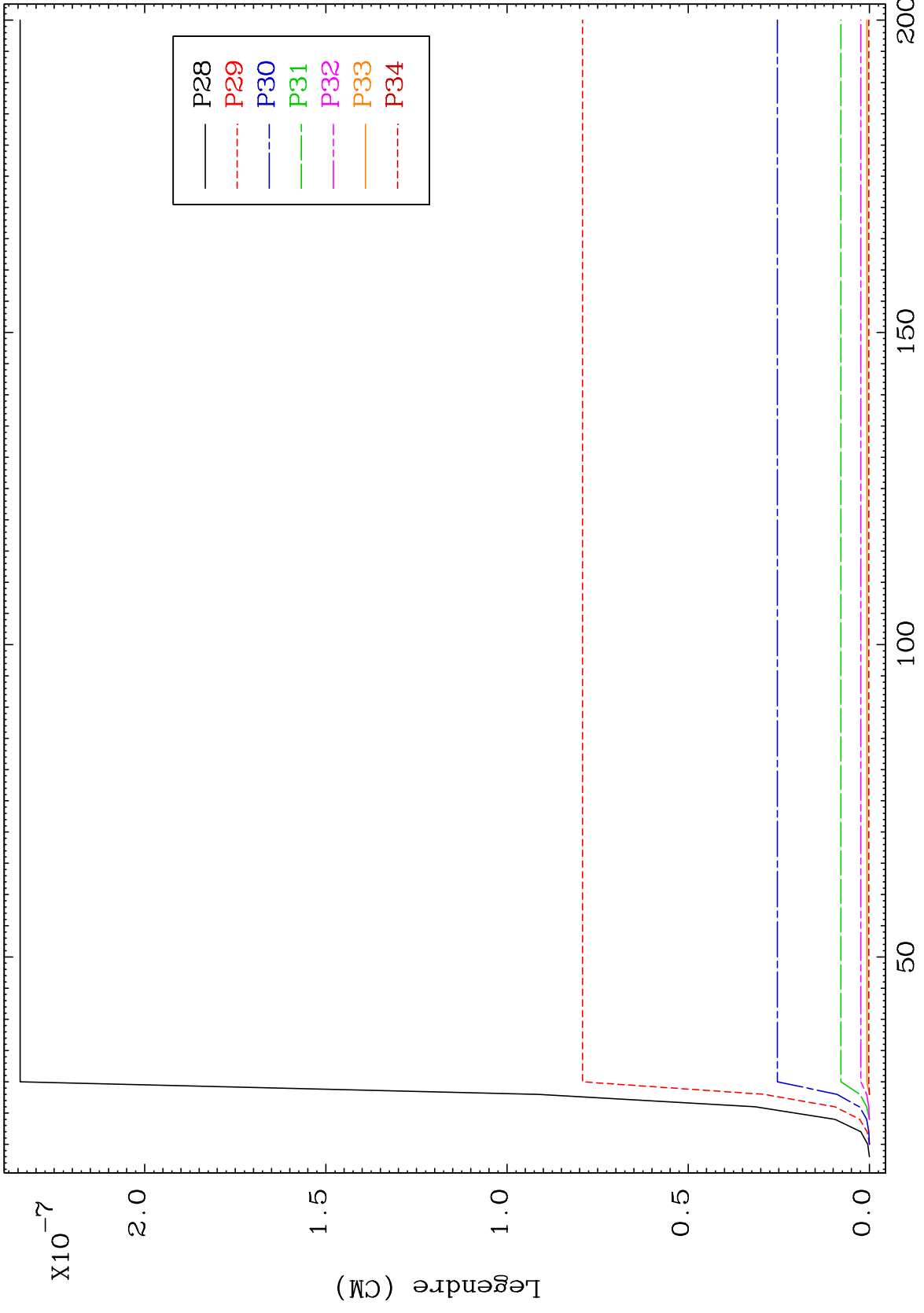


79 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-85



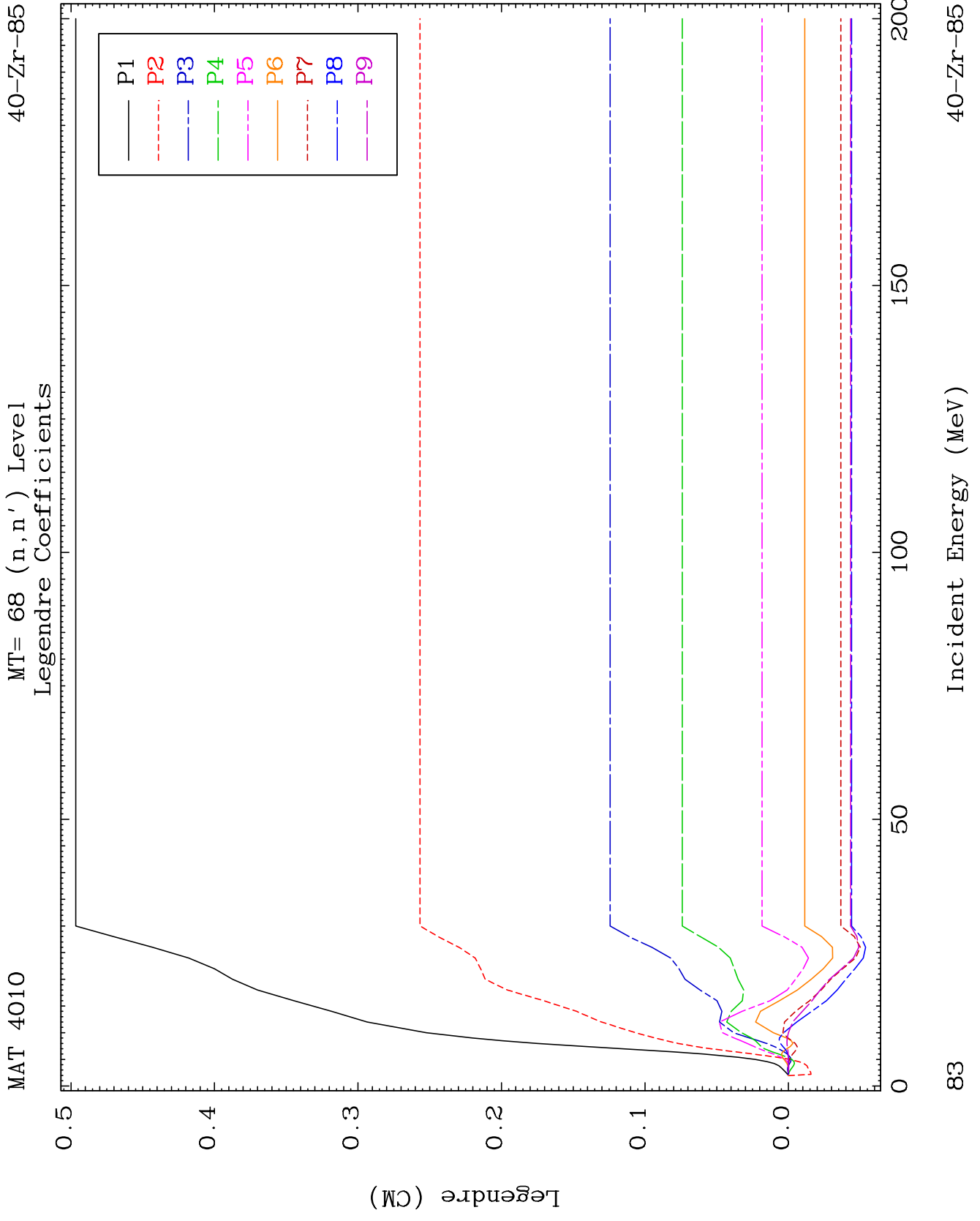
MAT 4010 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-85



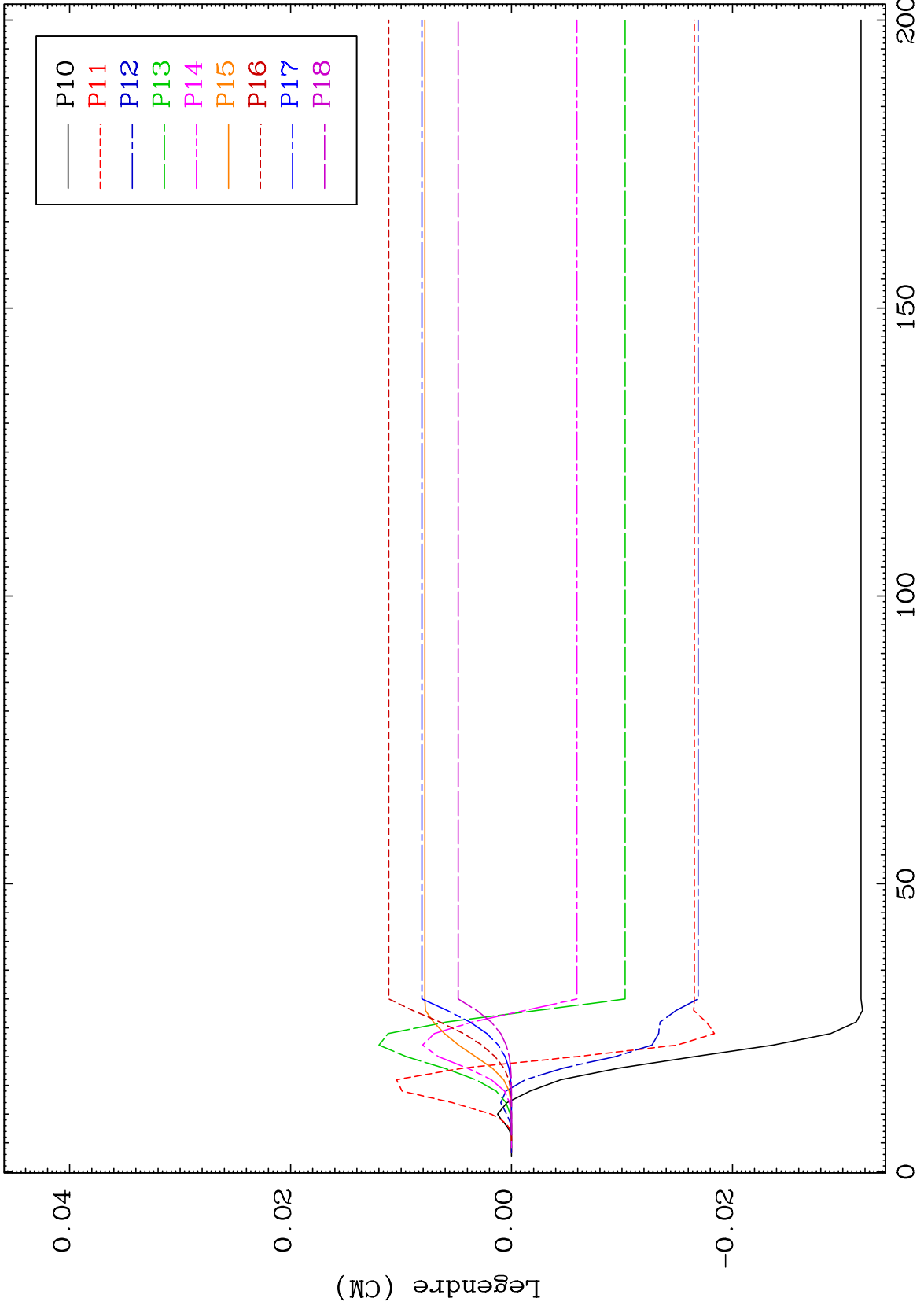
82

Incident Energy (MeV)

40-Zr-85

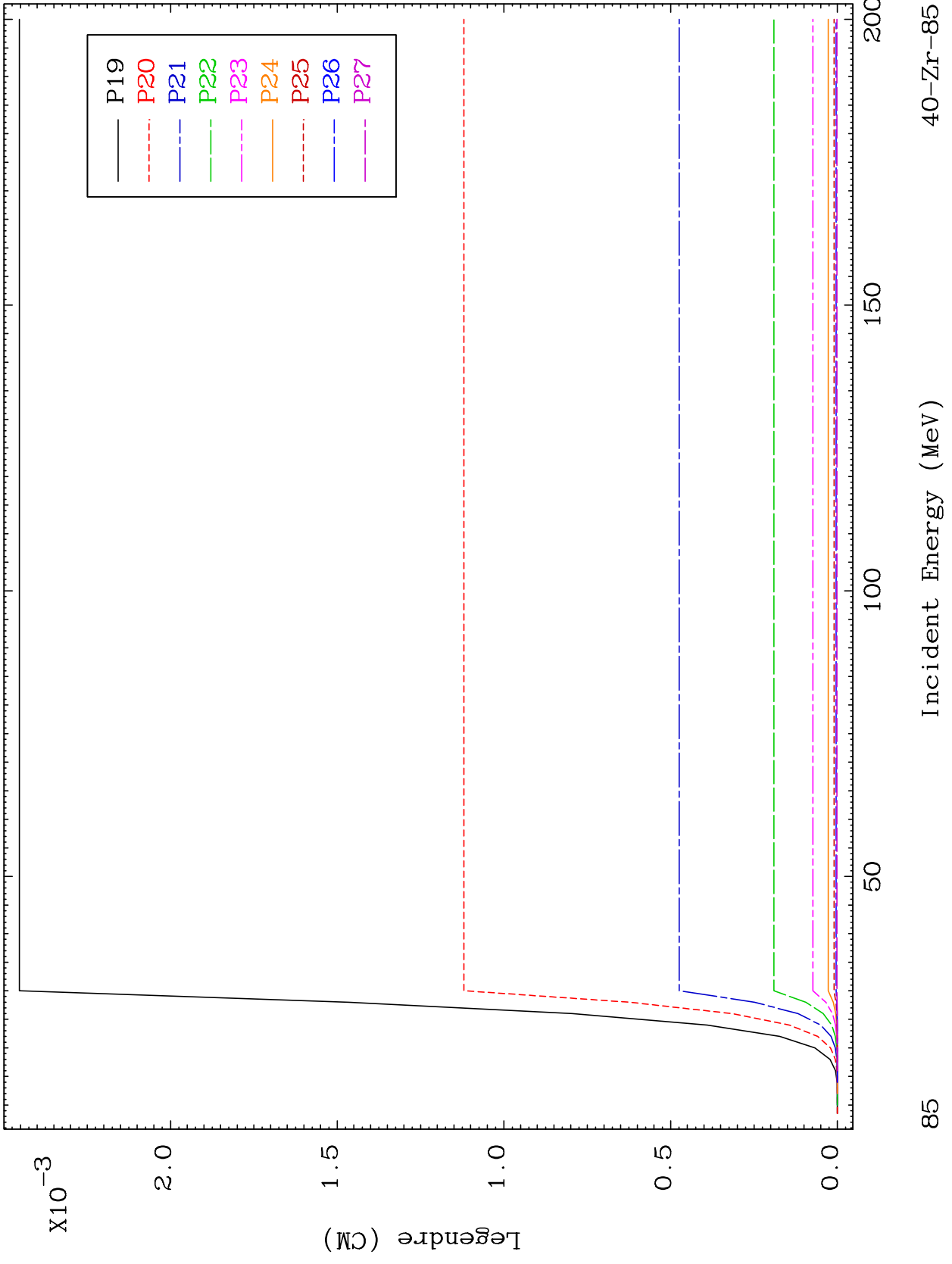


MAT 4010 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-85

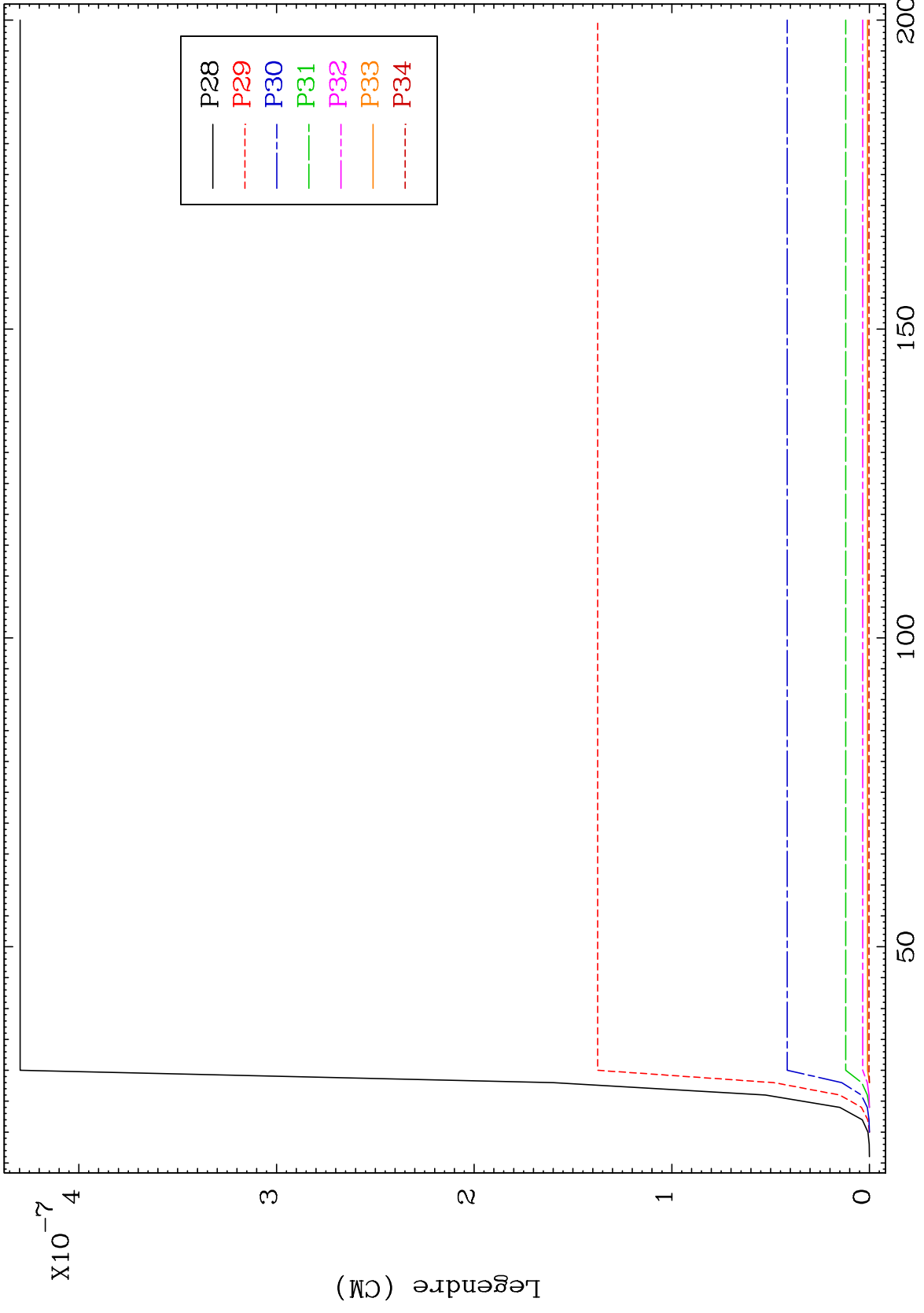


84 40-Zr-85

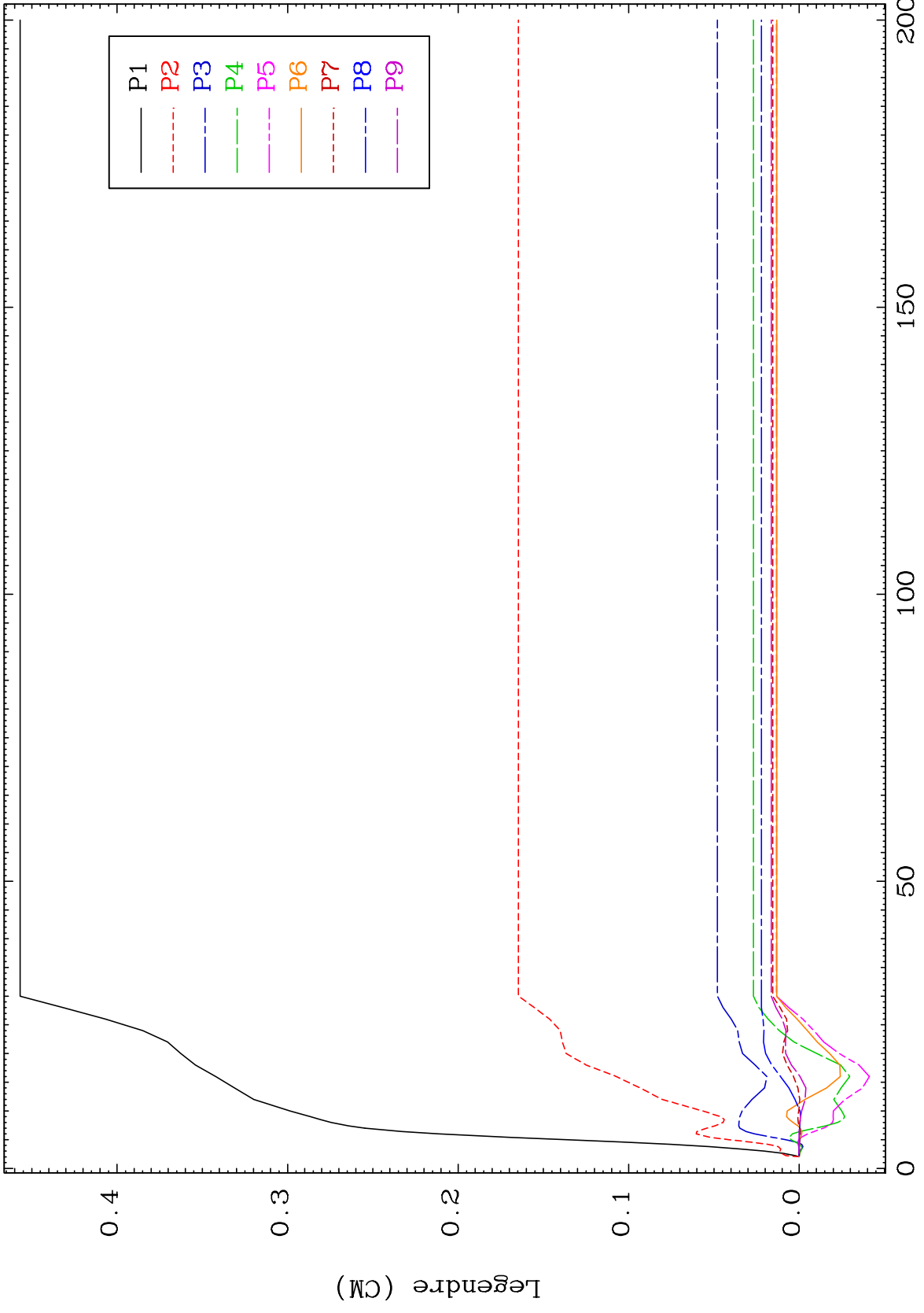
MAT 4010 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-85



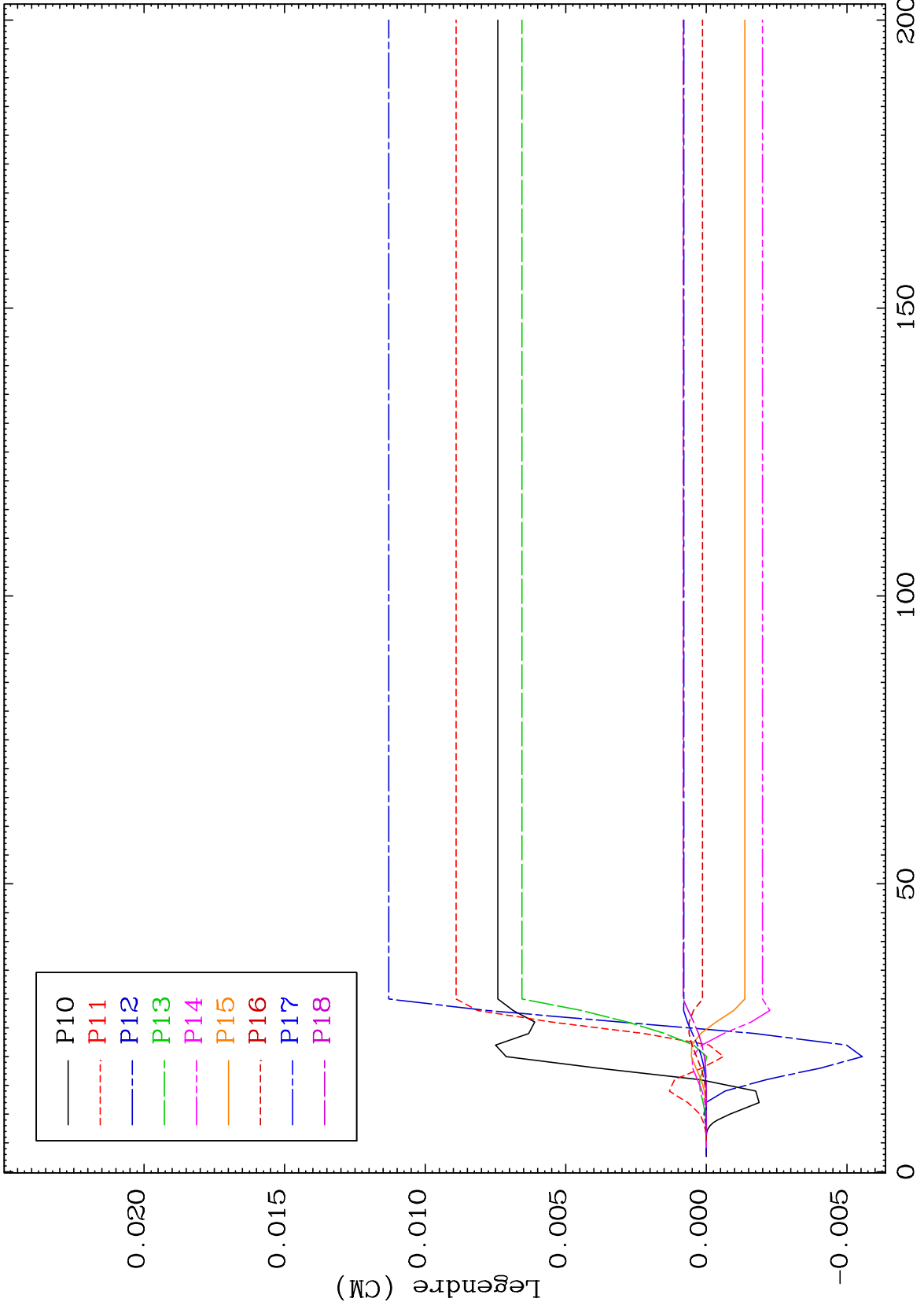
MAT 4010 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-85



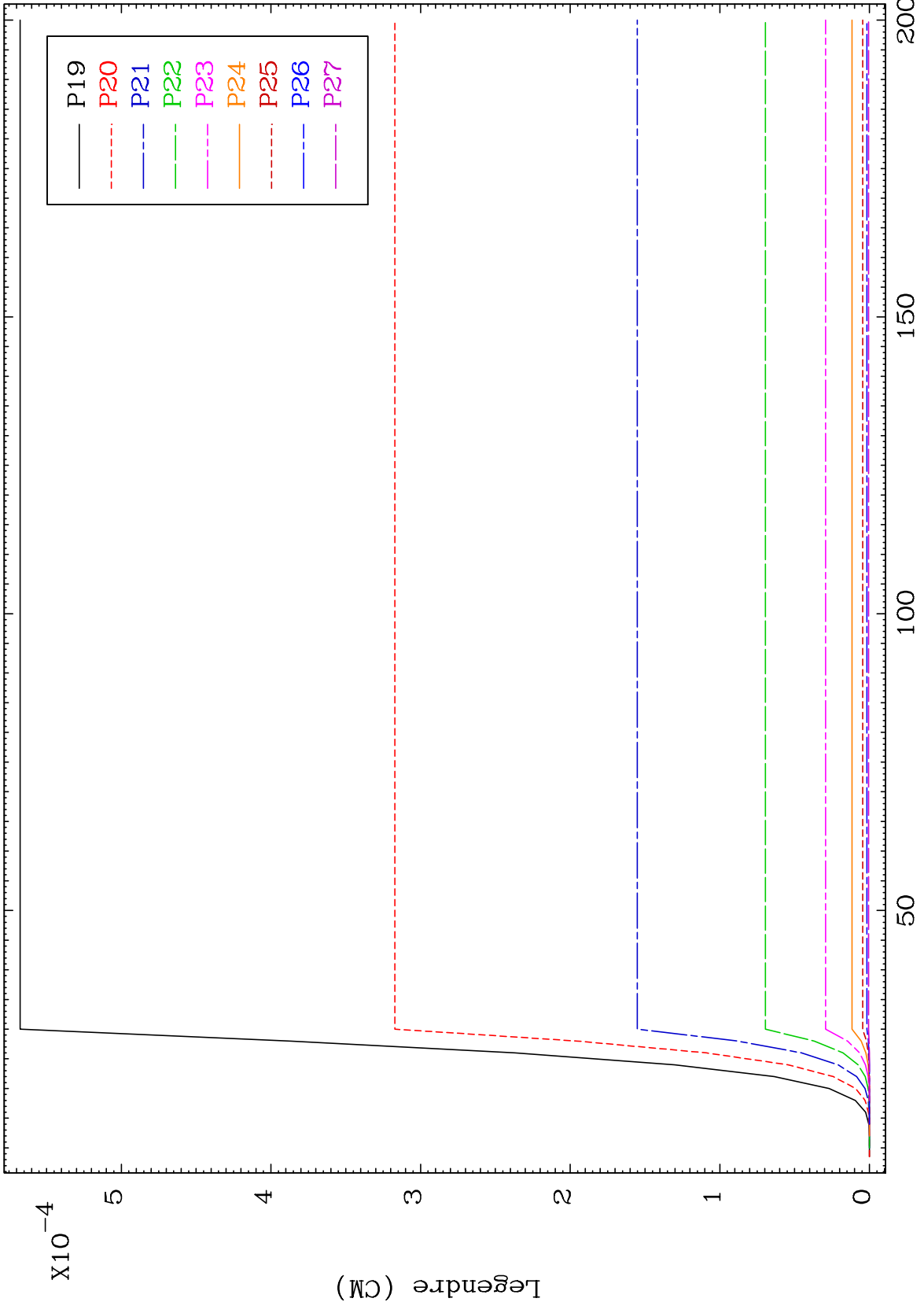
MAT 4010 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-85



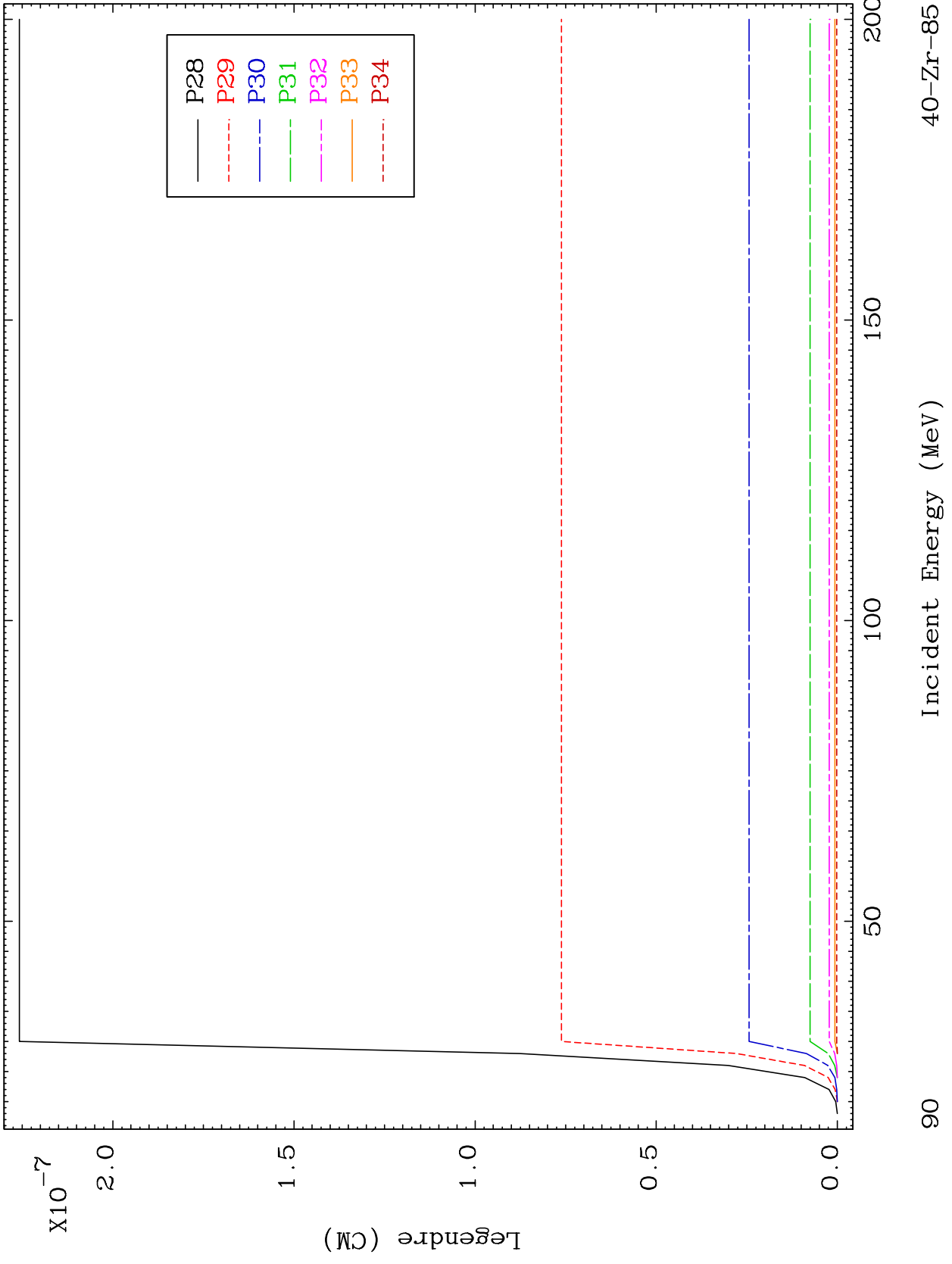
87 40-Zr-85

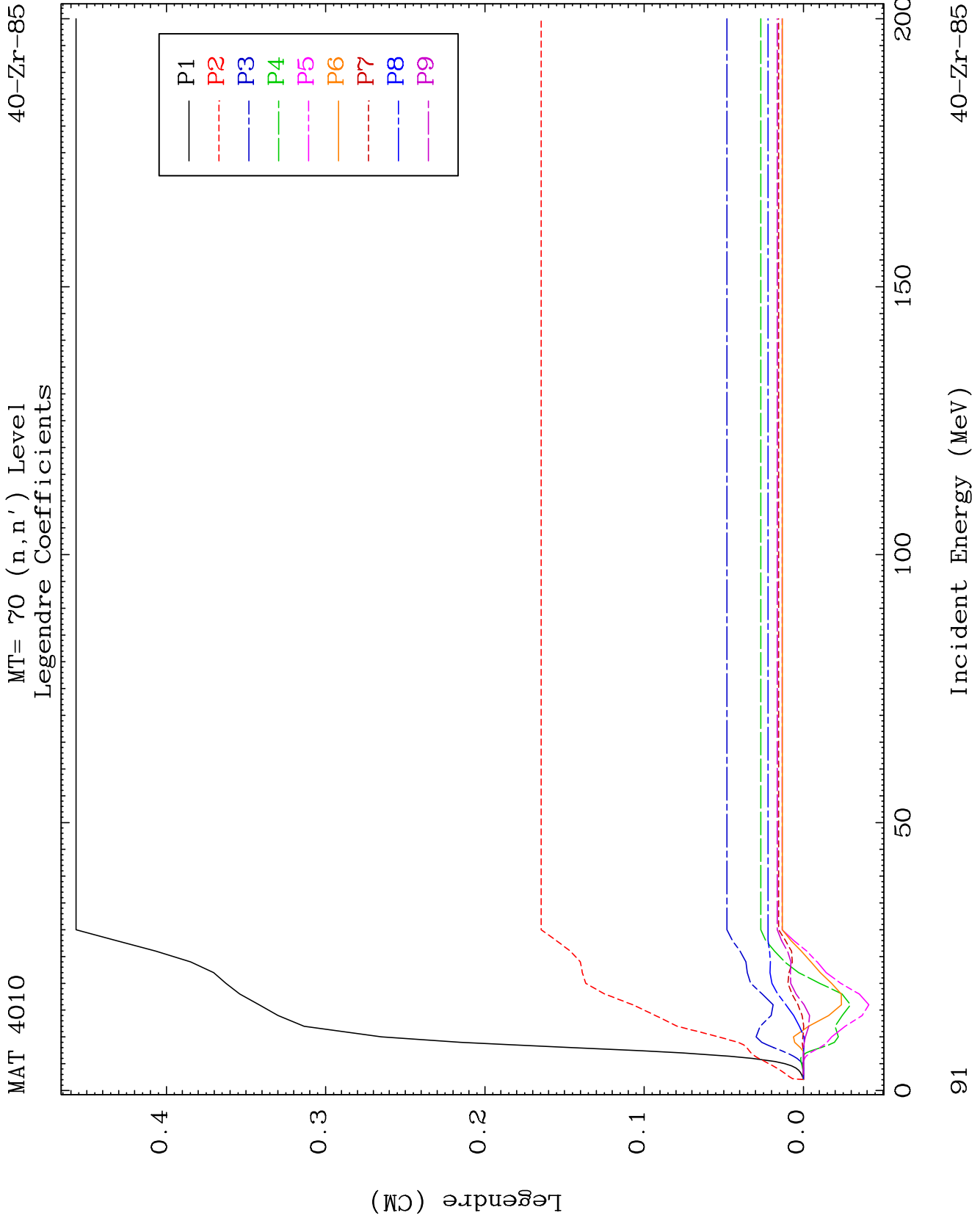


MAT 4010 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-85

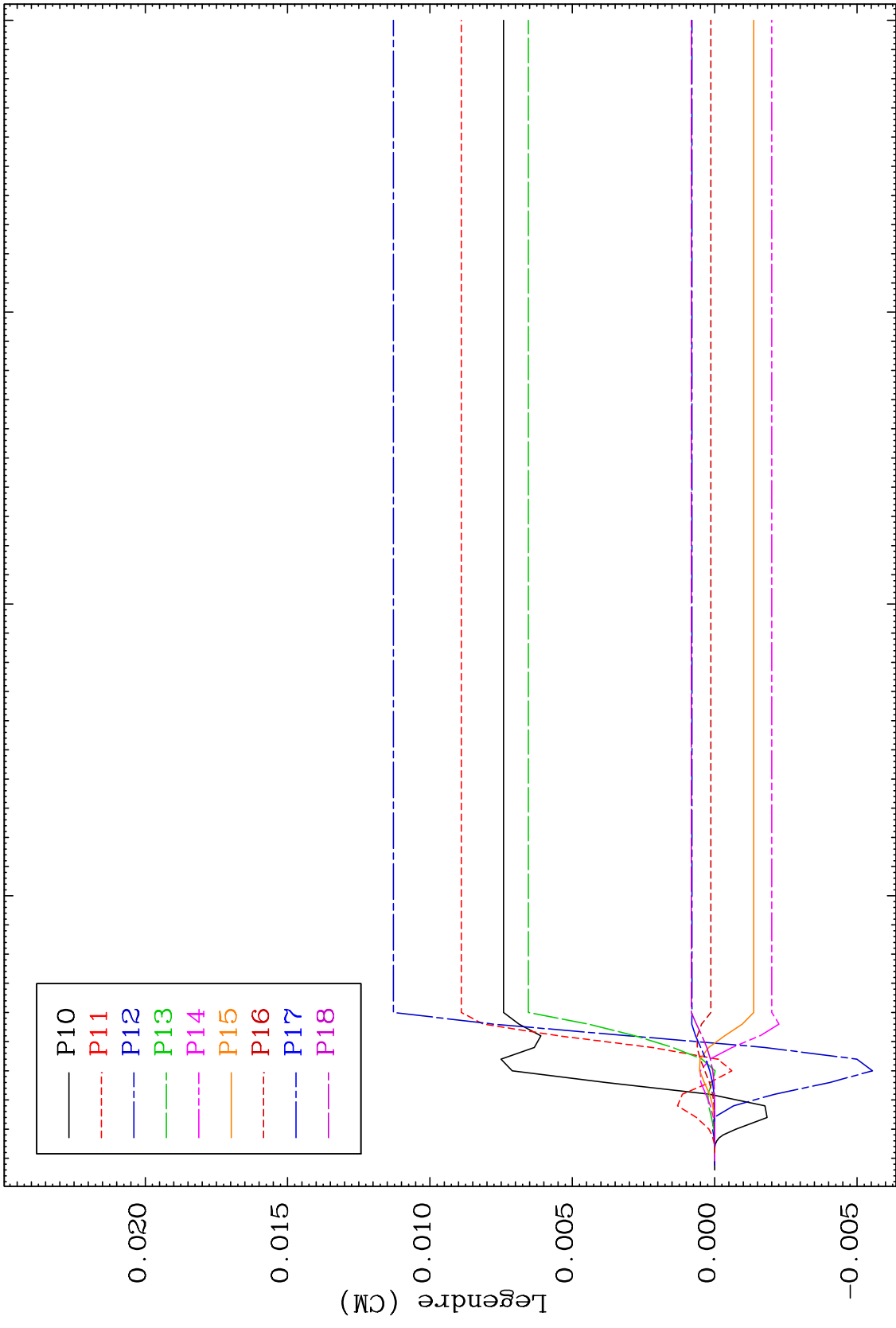


MAT 4010 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-85

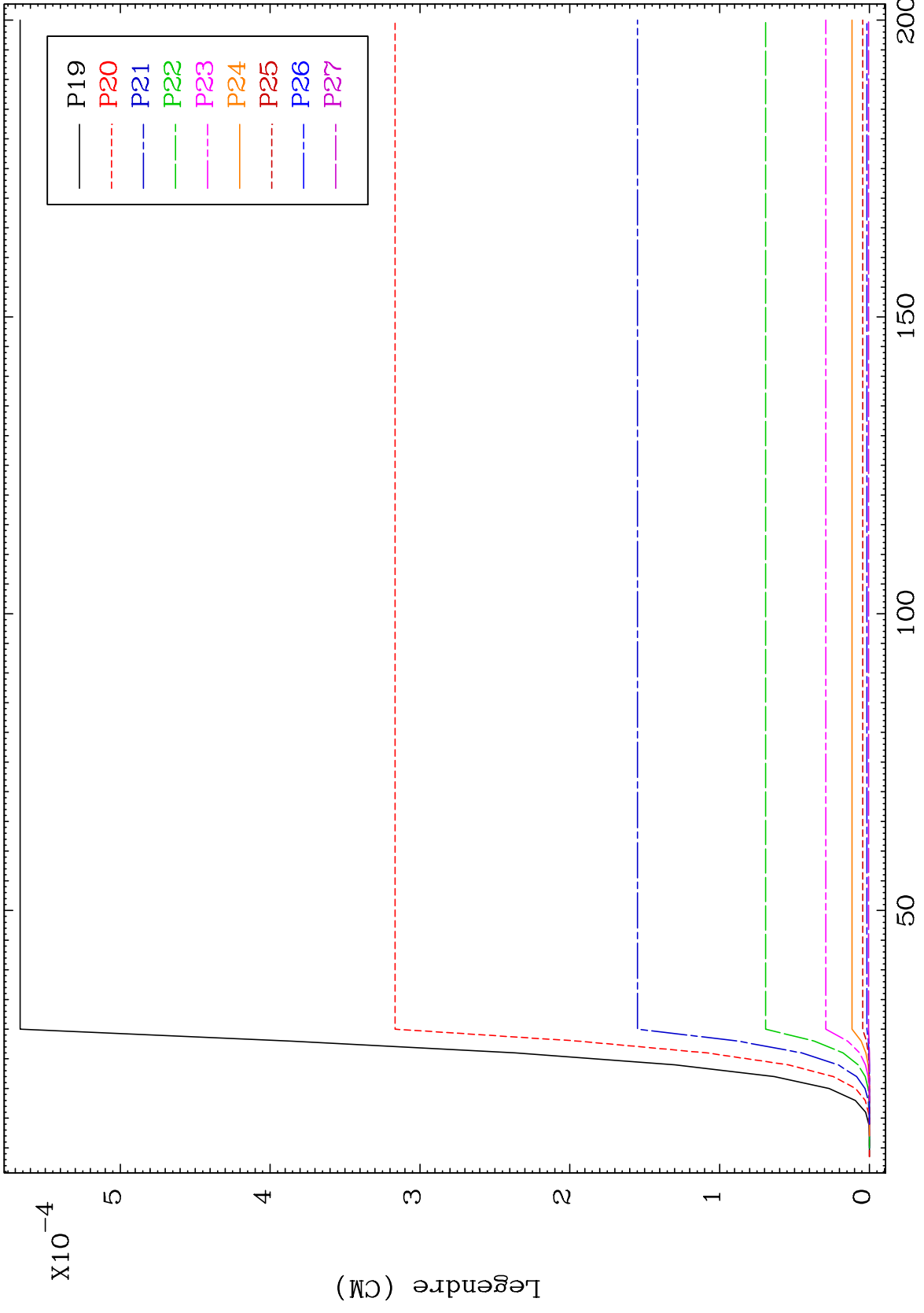




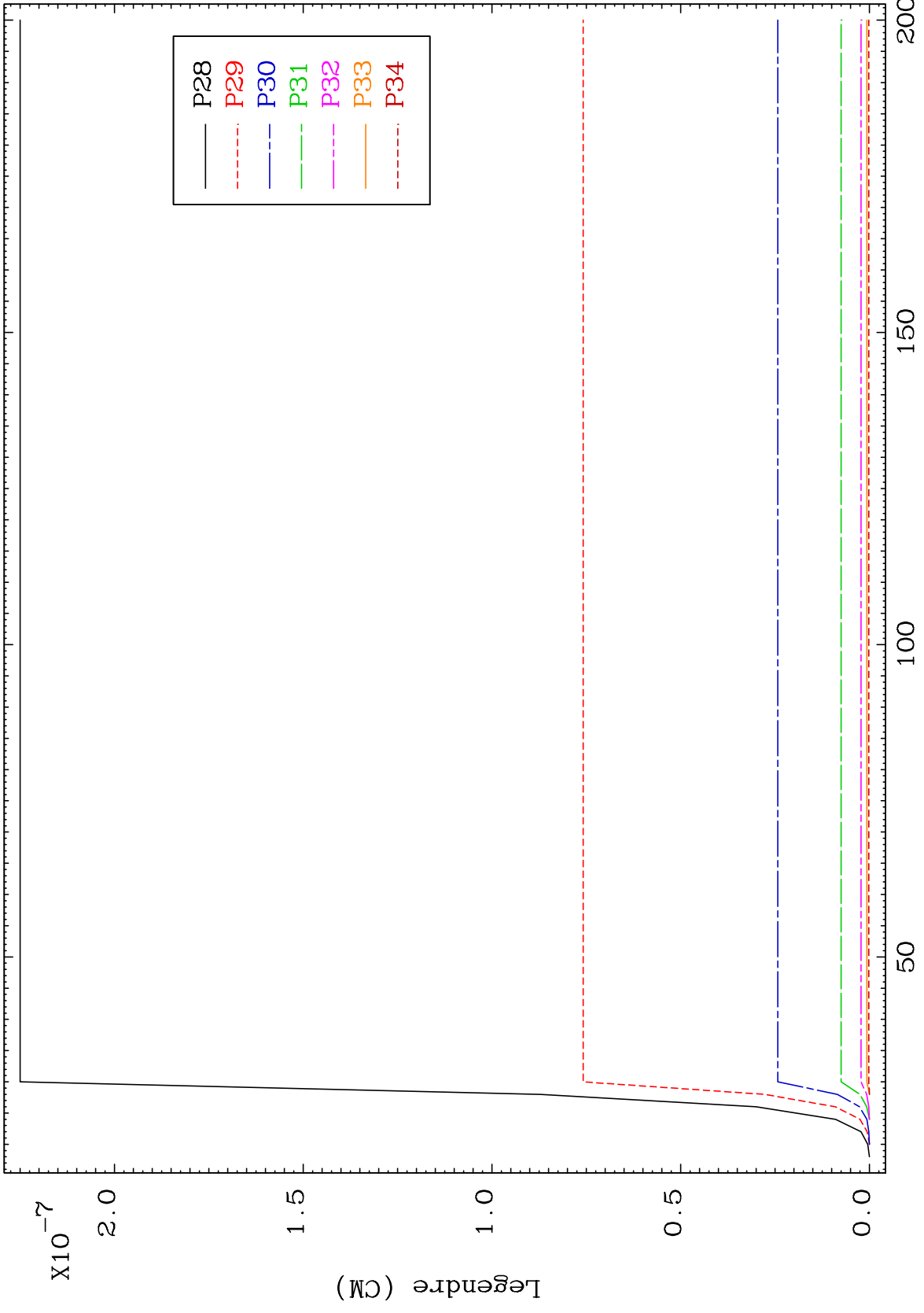
MAT 4010 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-85

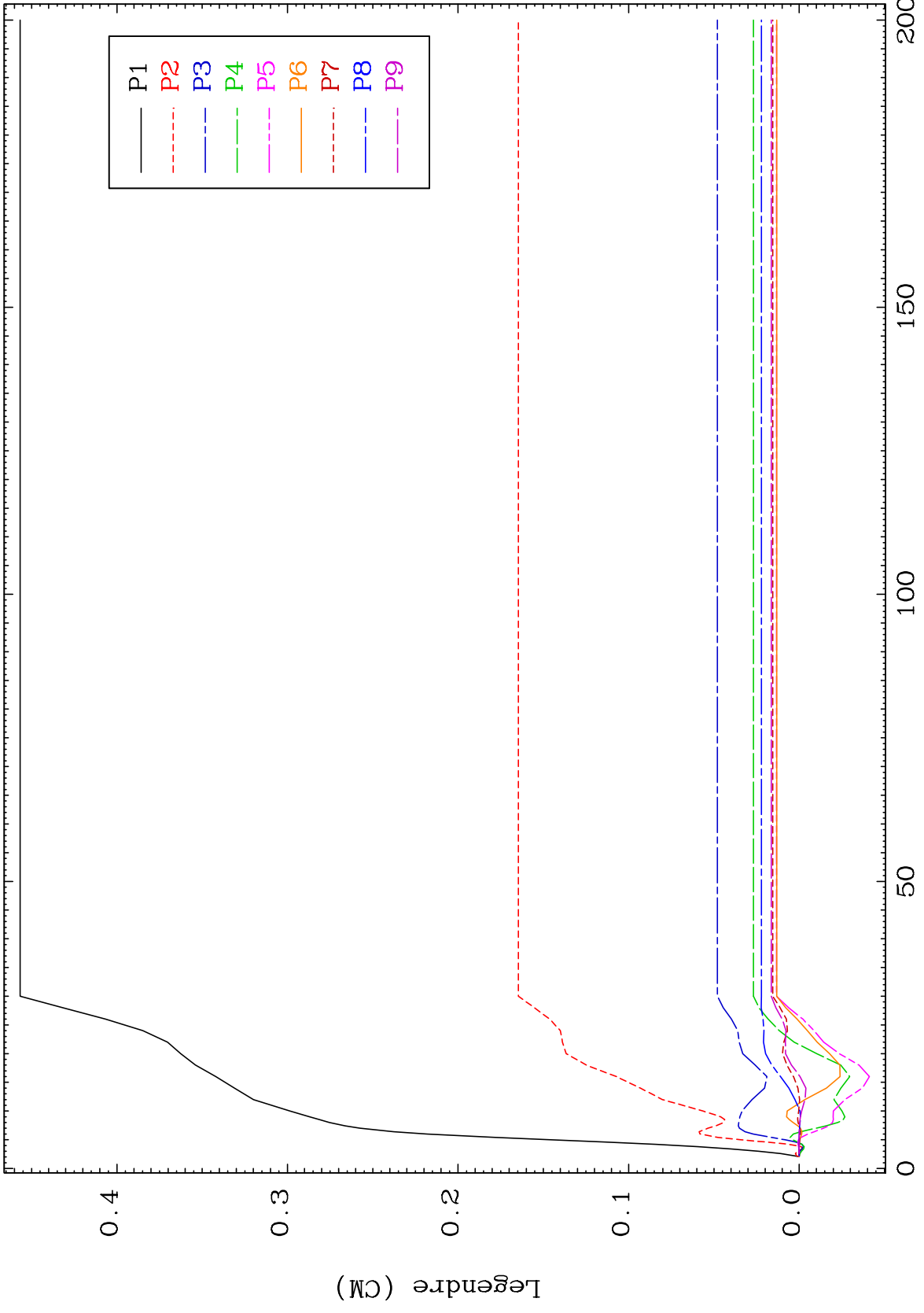


MAT 4010 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-85



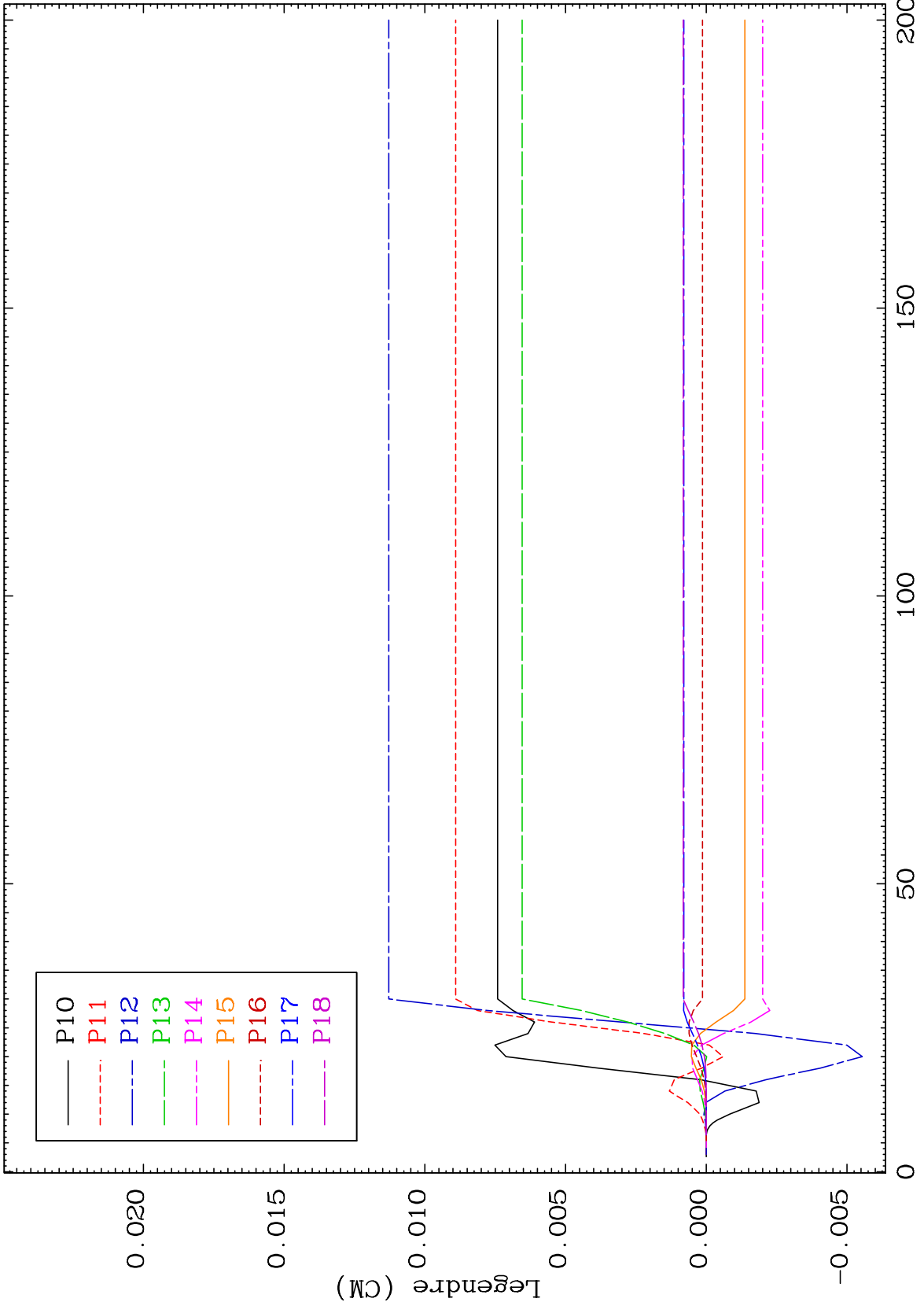
94 40-Zr-85

MAT 4010 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-85

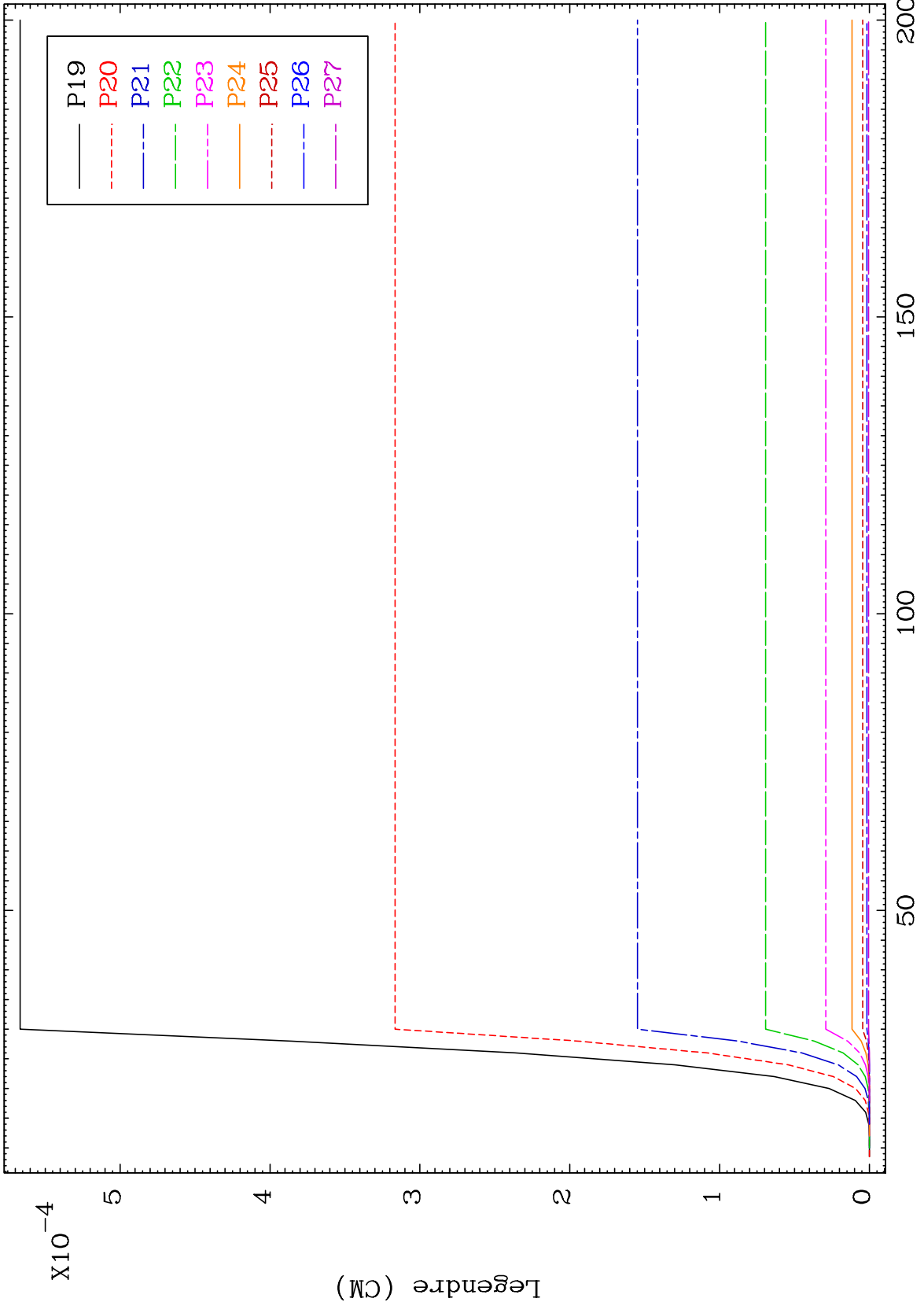


95 40-Zr-85

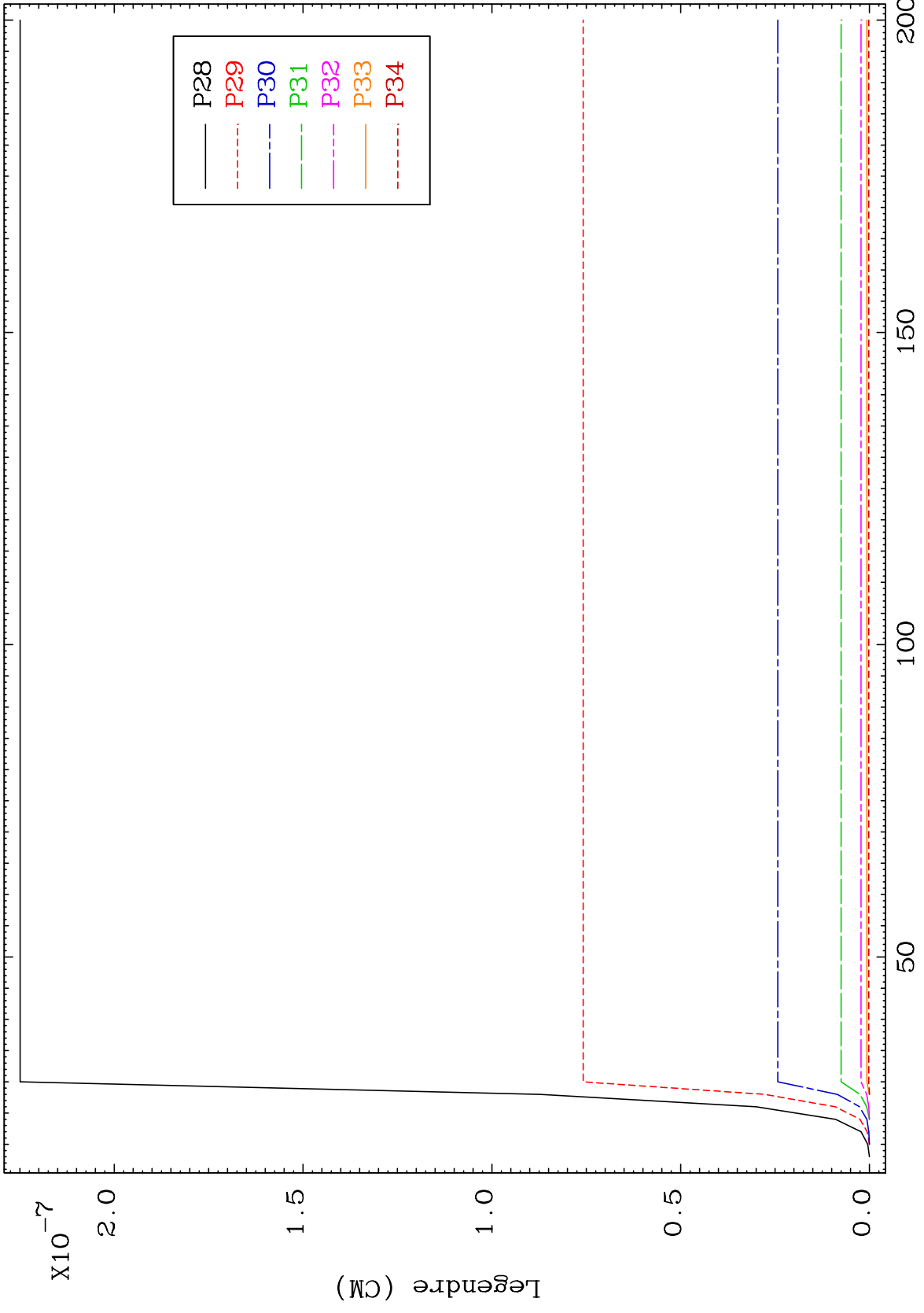
MAT 4010 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-85

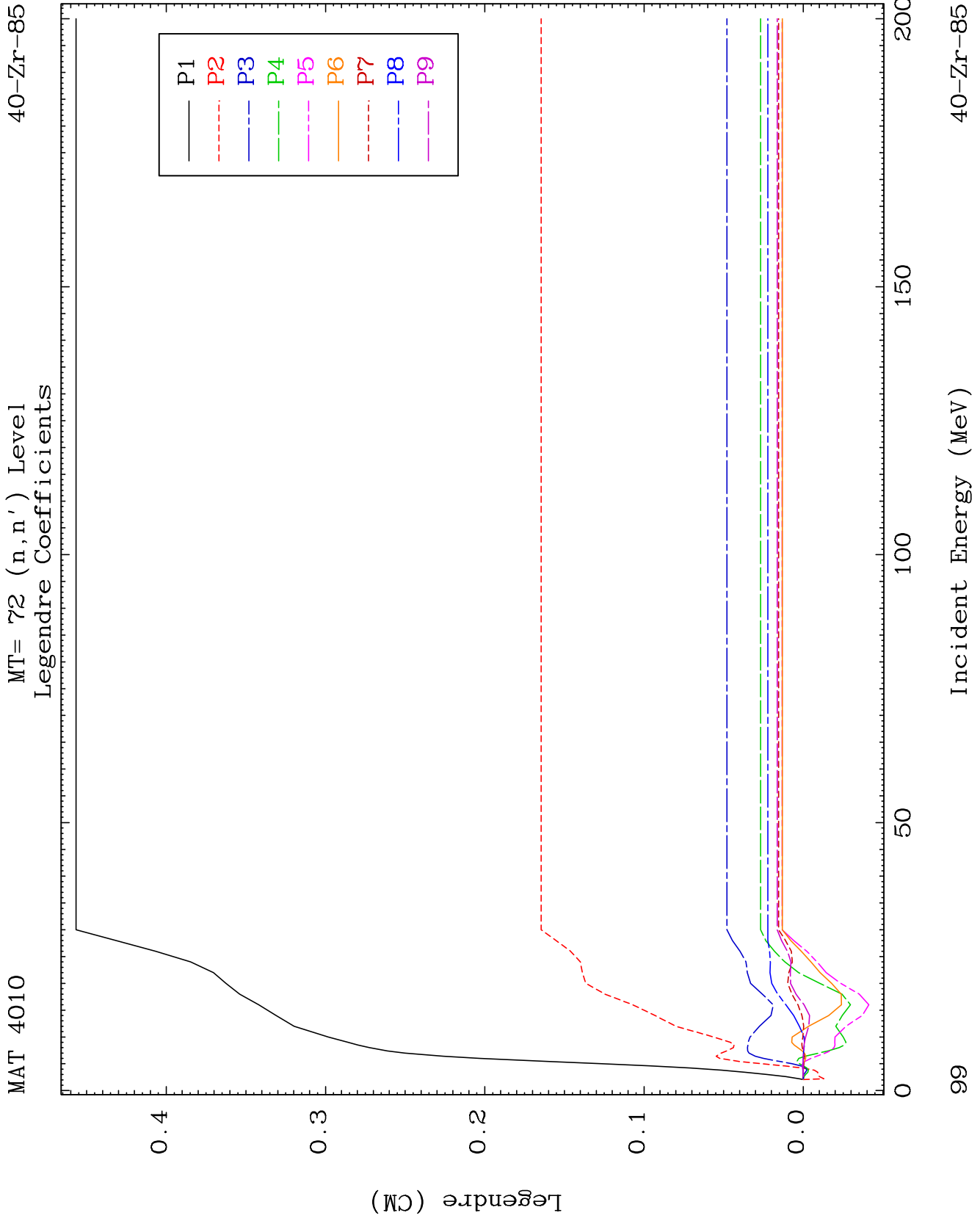


MAT 4010 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-85

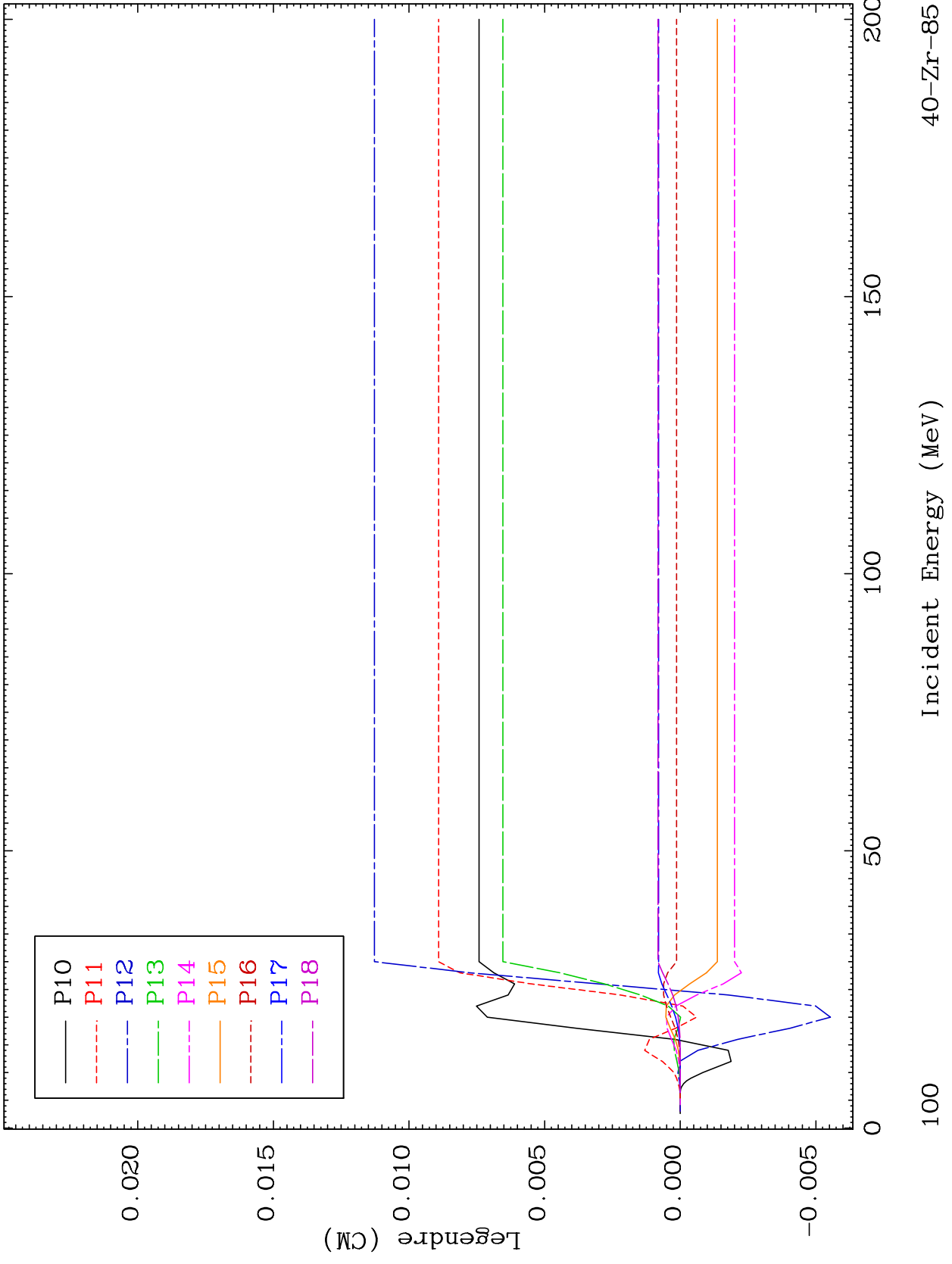


MAT 4010 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-85

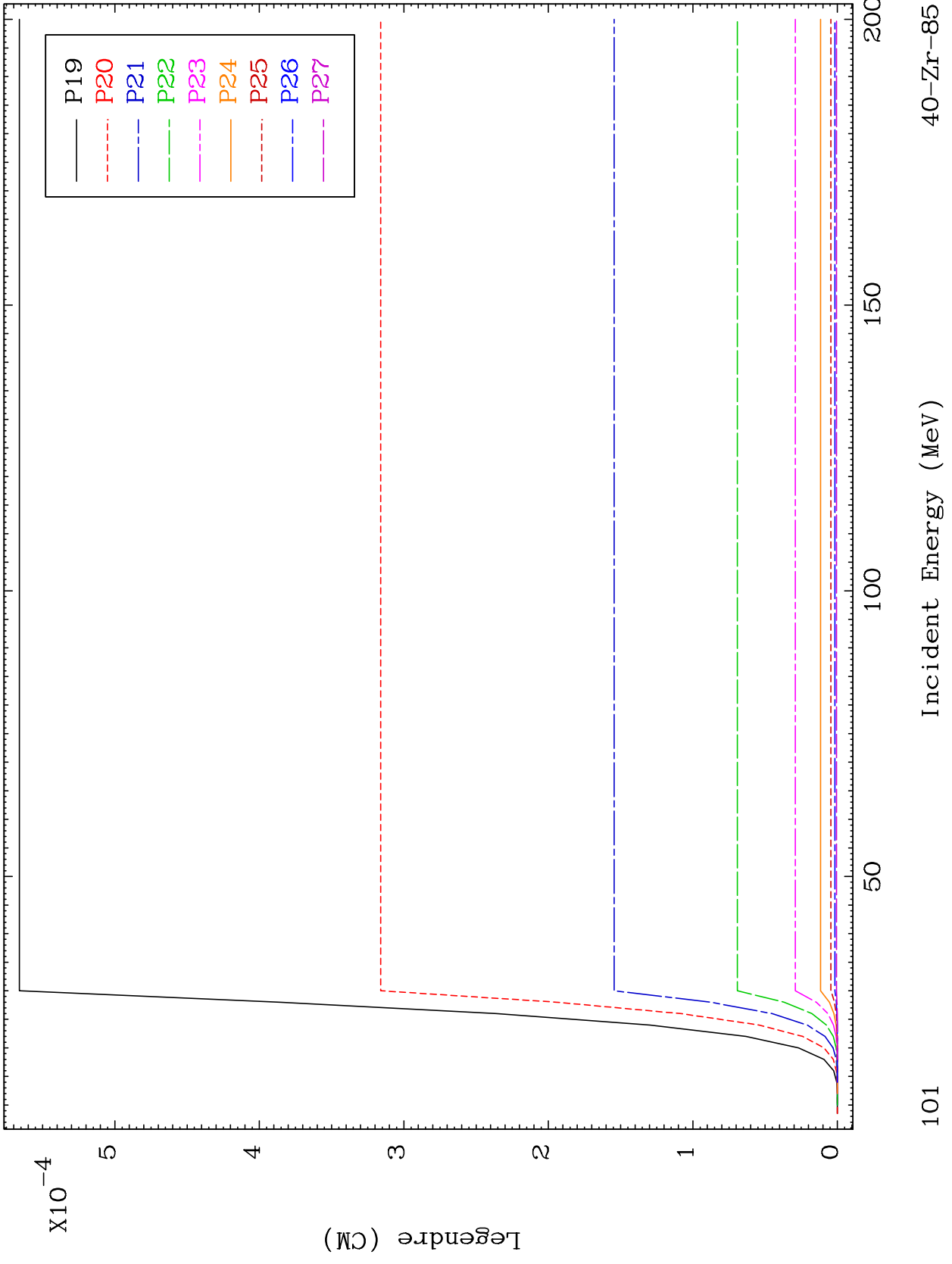




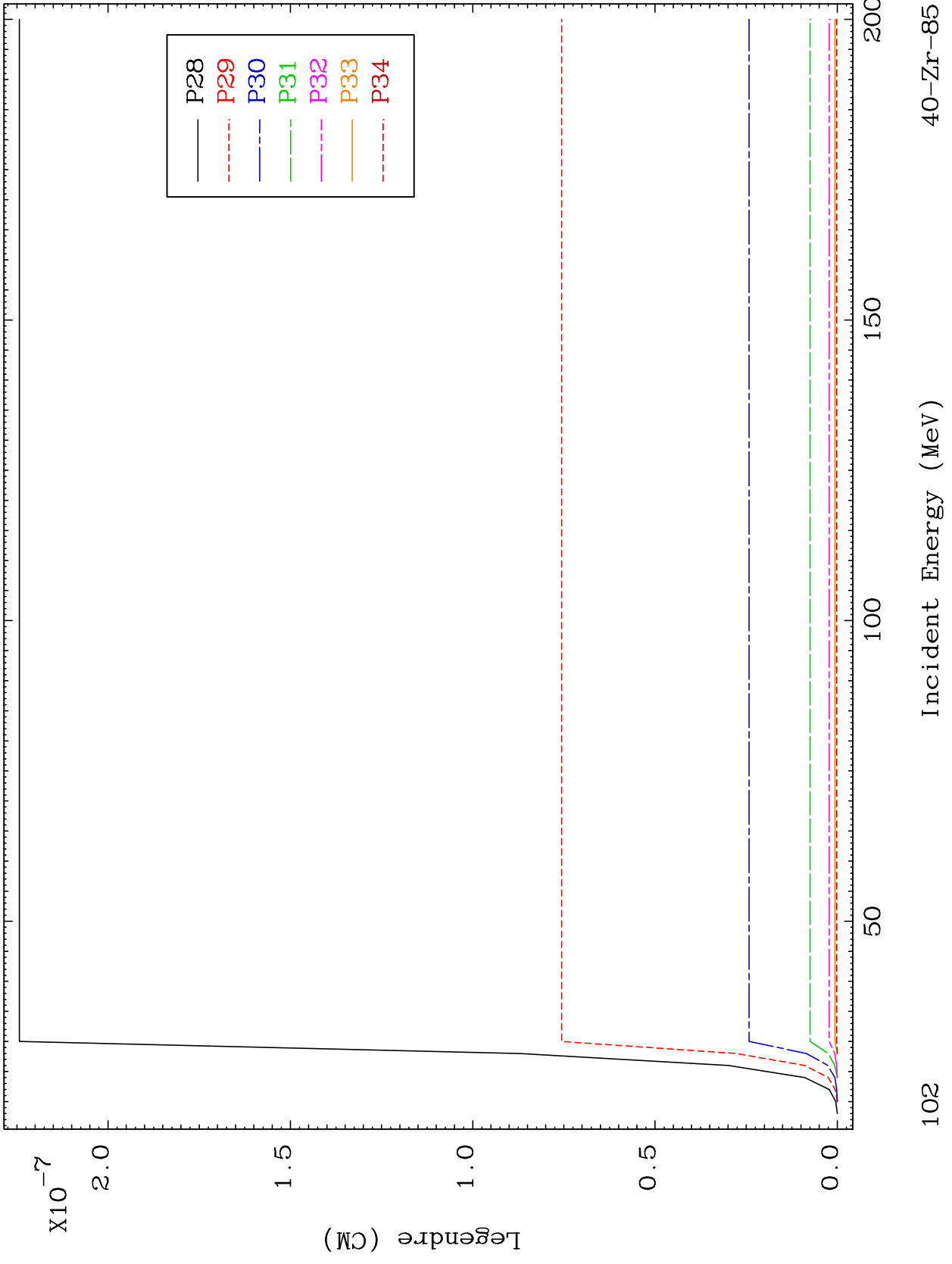
MAT 4010 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-85

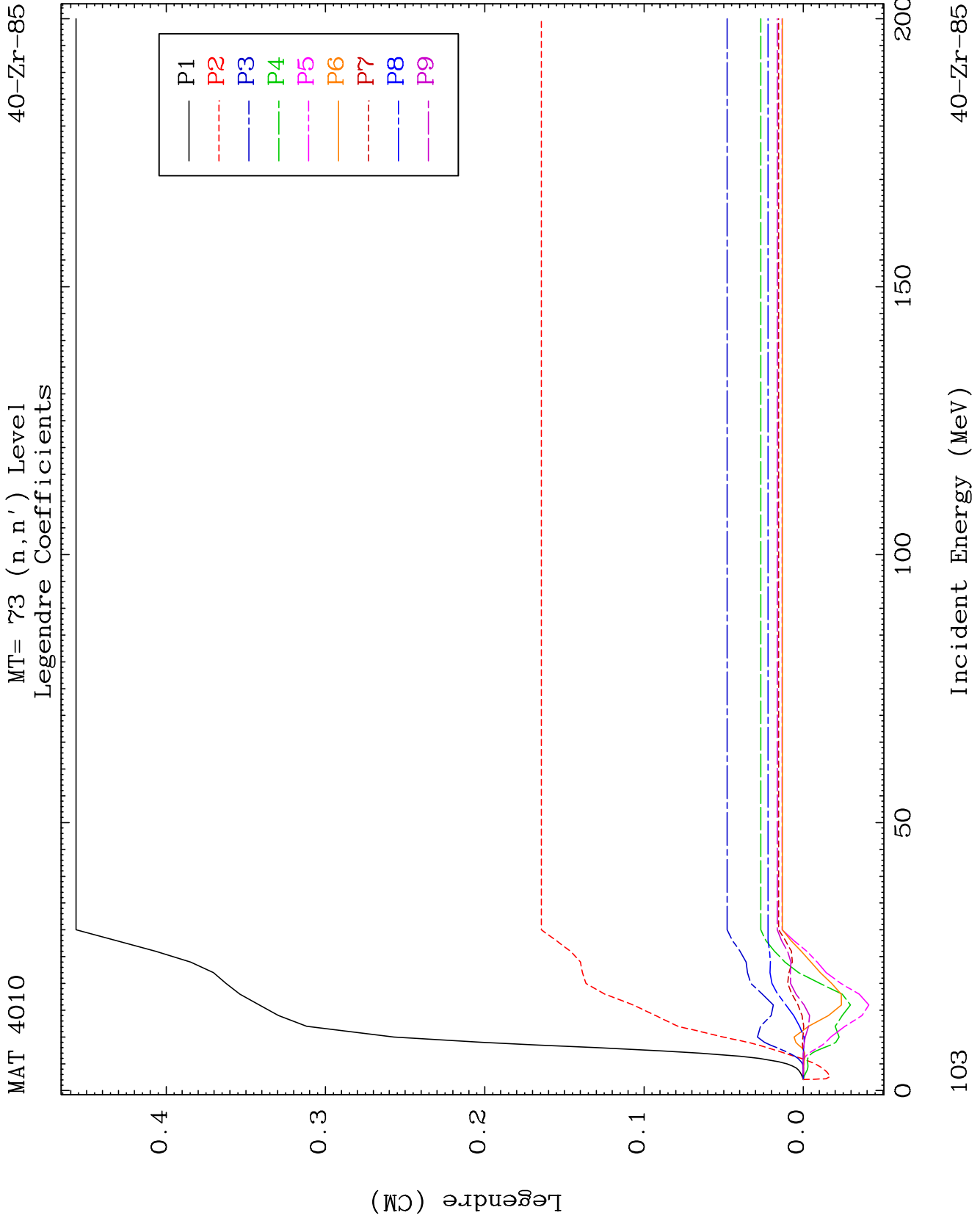


MAT 4010 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-85

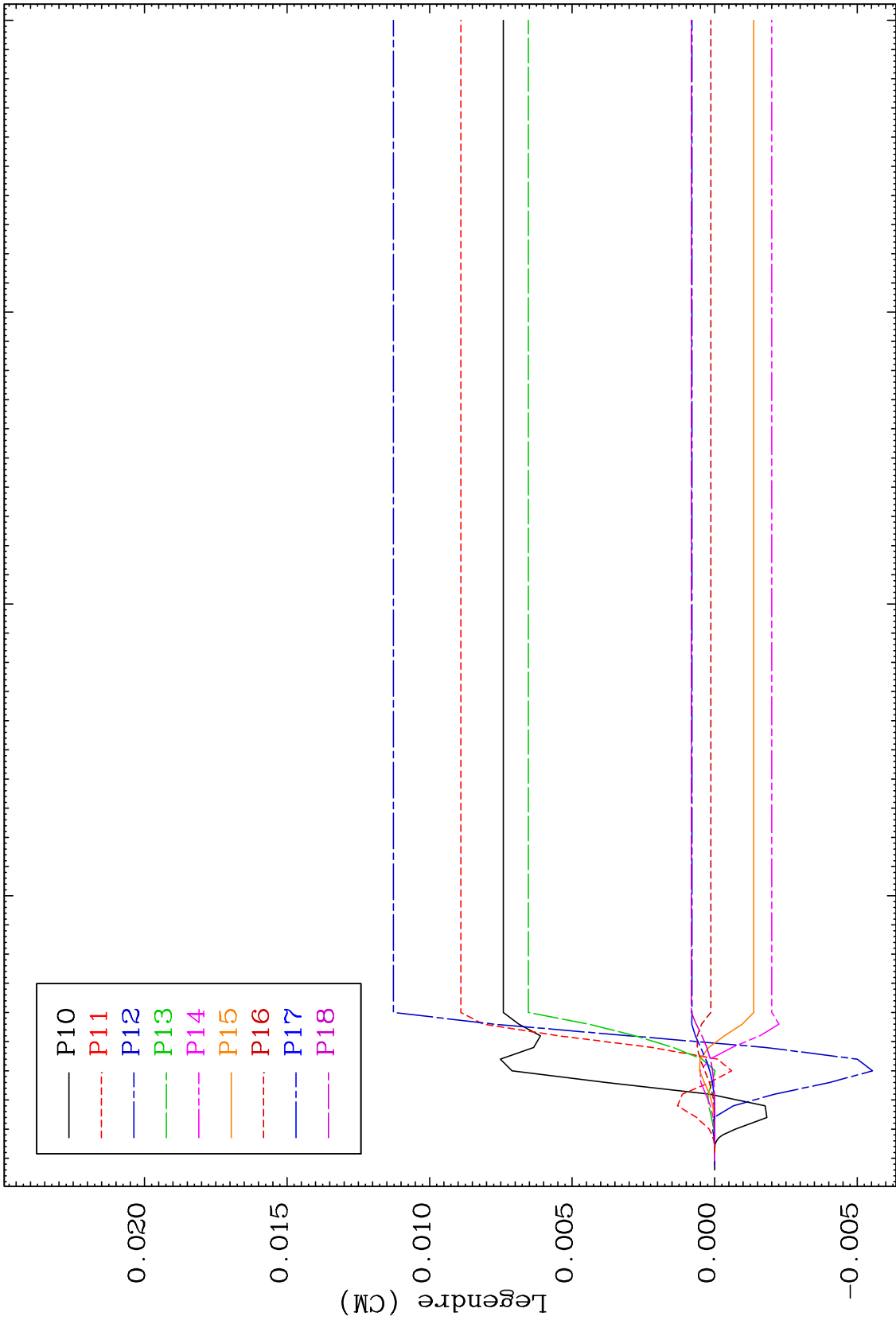


MAT 4010 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-85

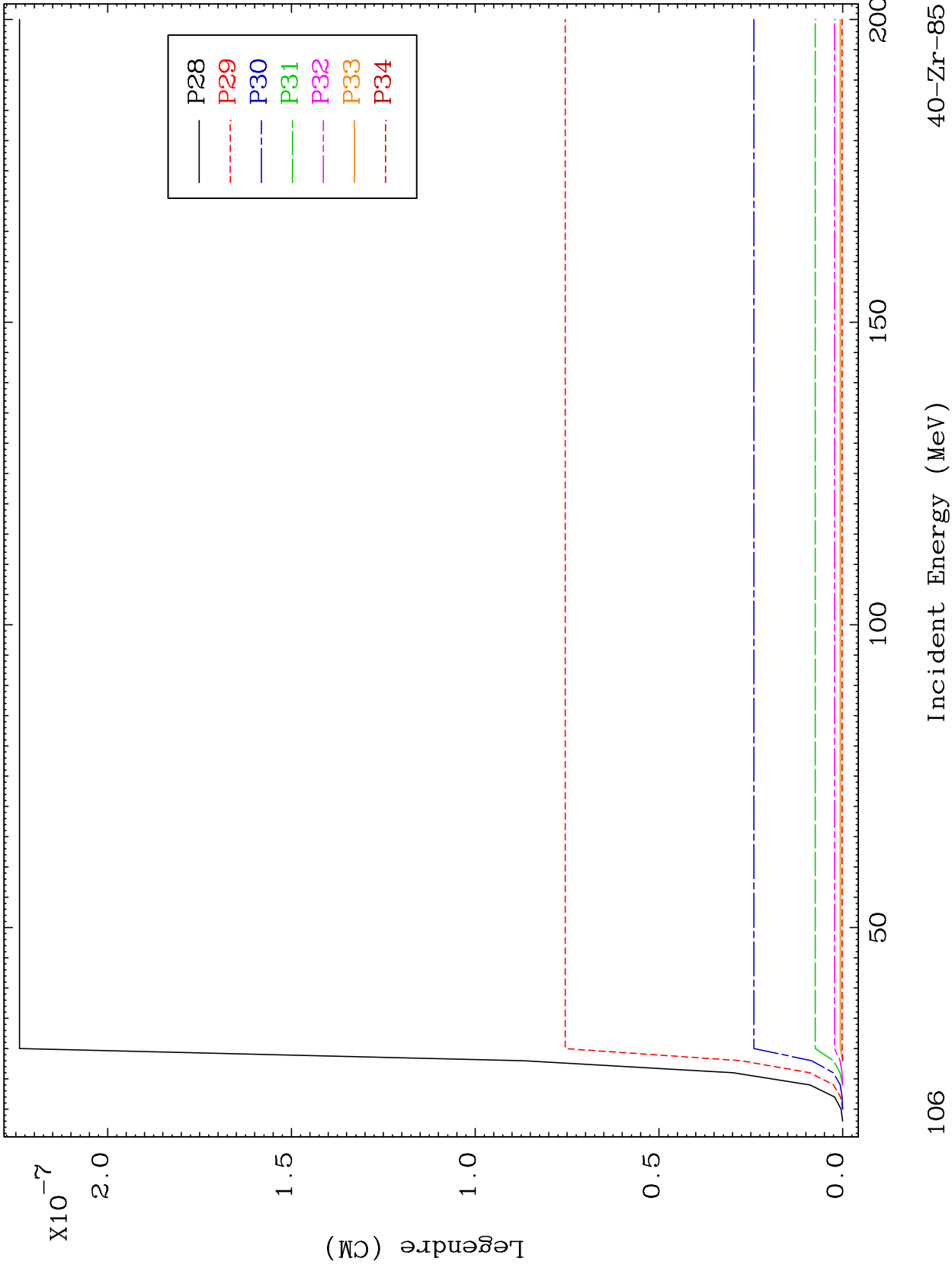


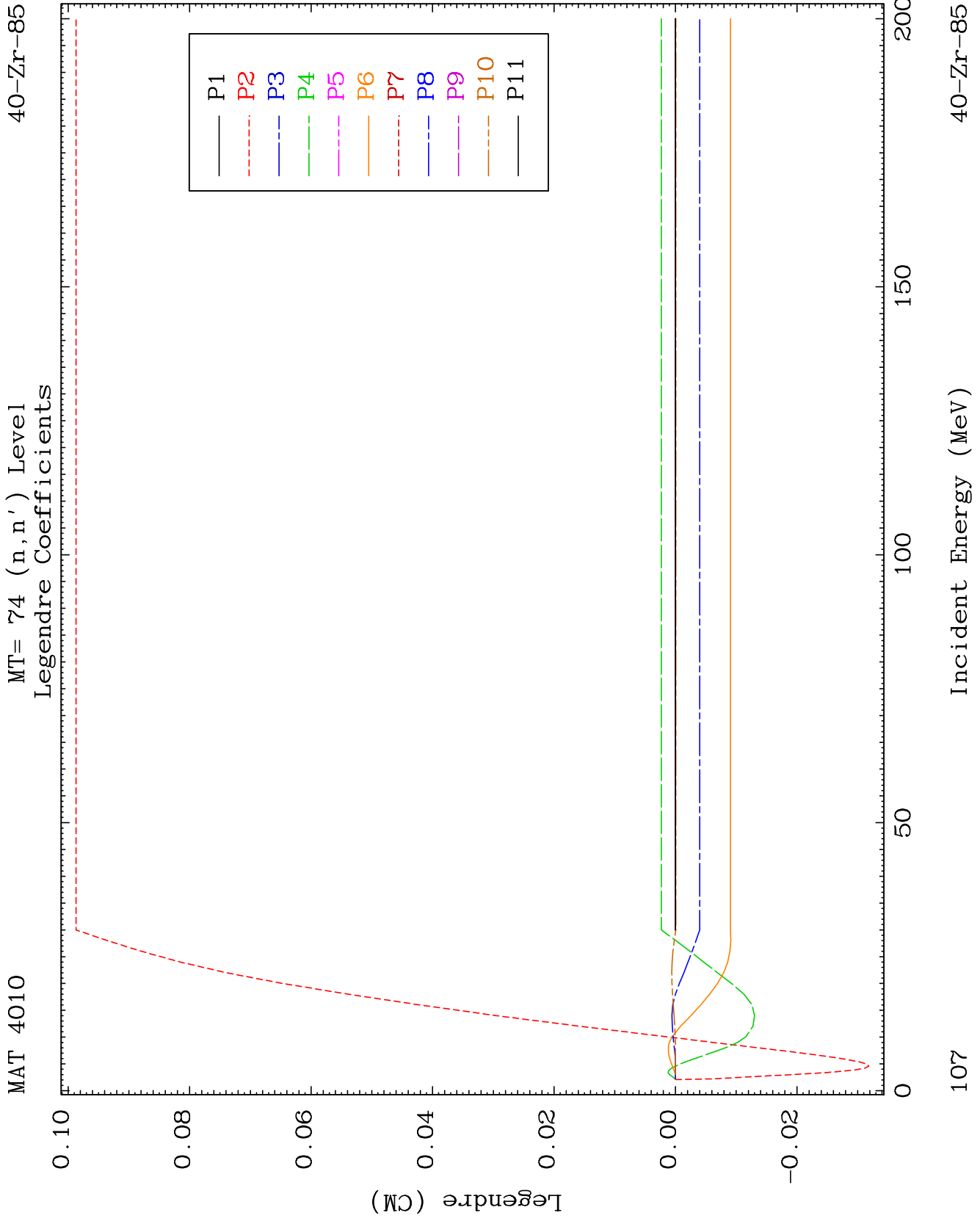


MAT 4010 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-85

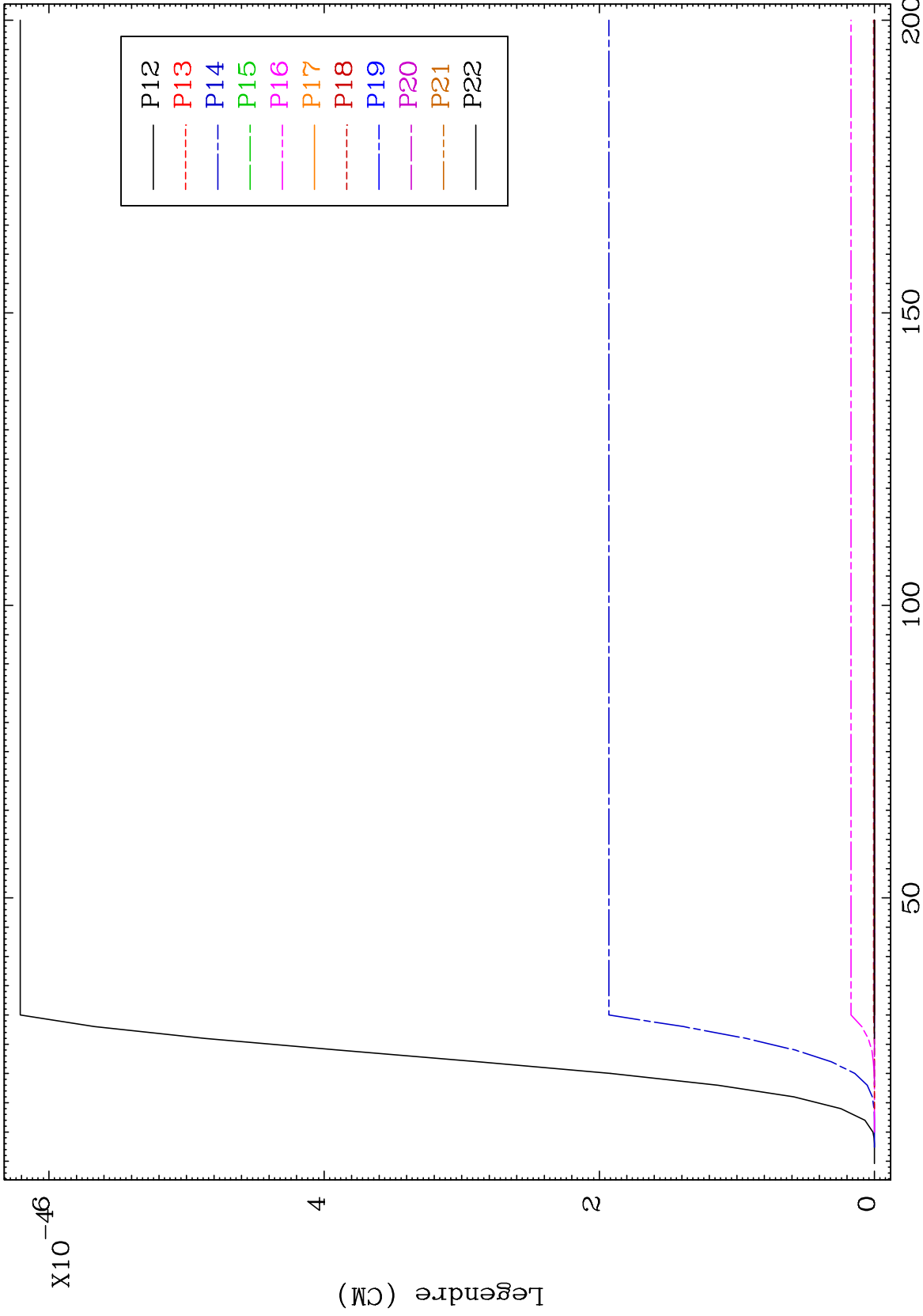




MAT 4010

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

40-Zr-85

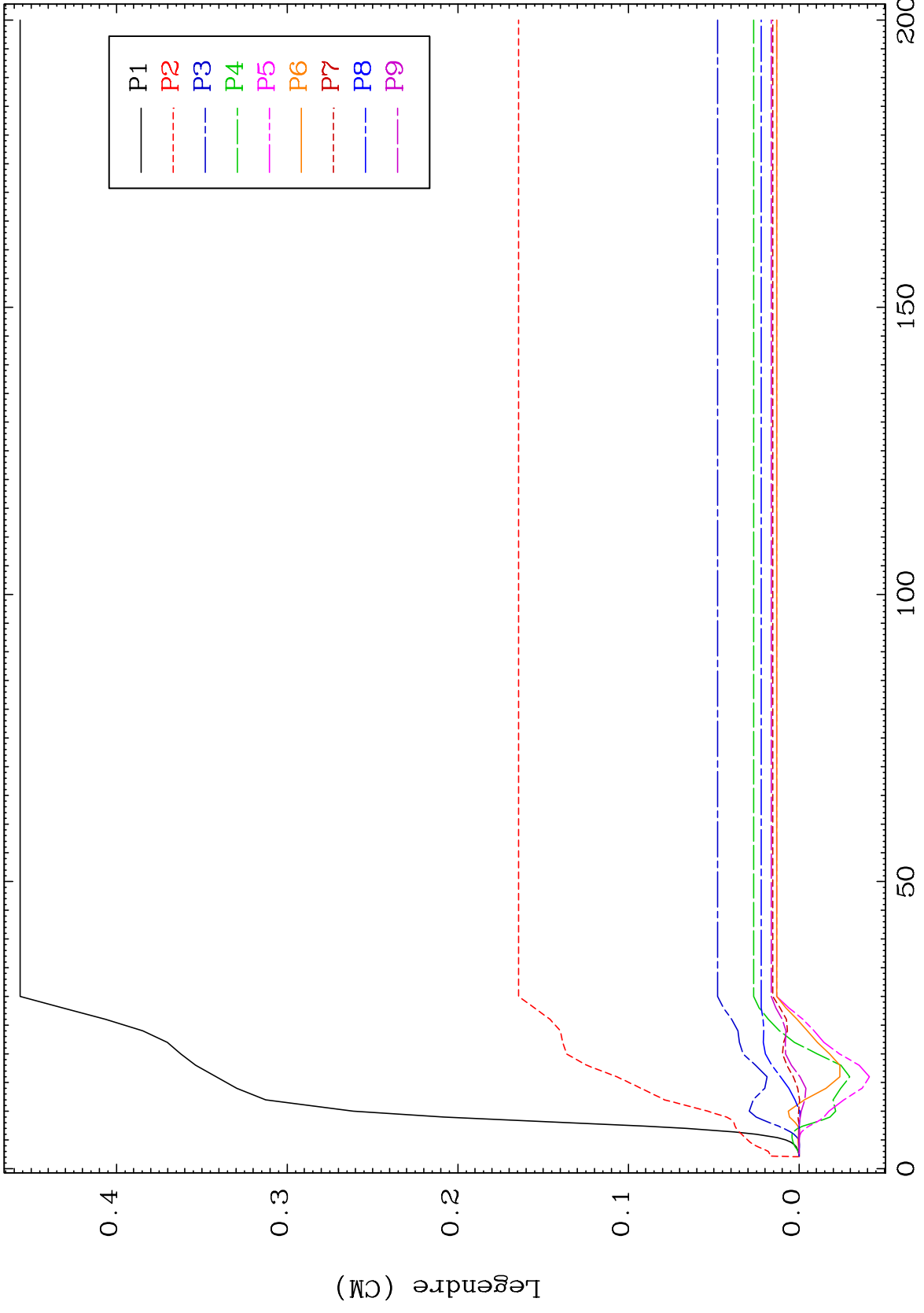


108

Incident Energy (MeV)

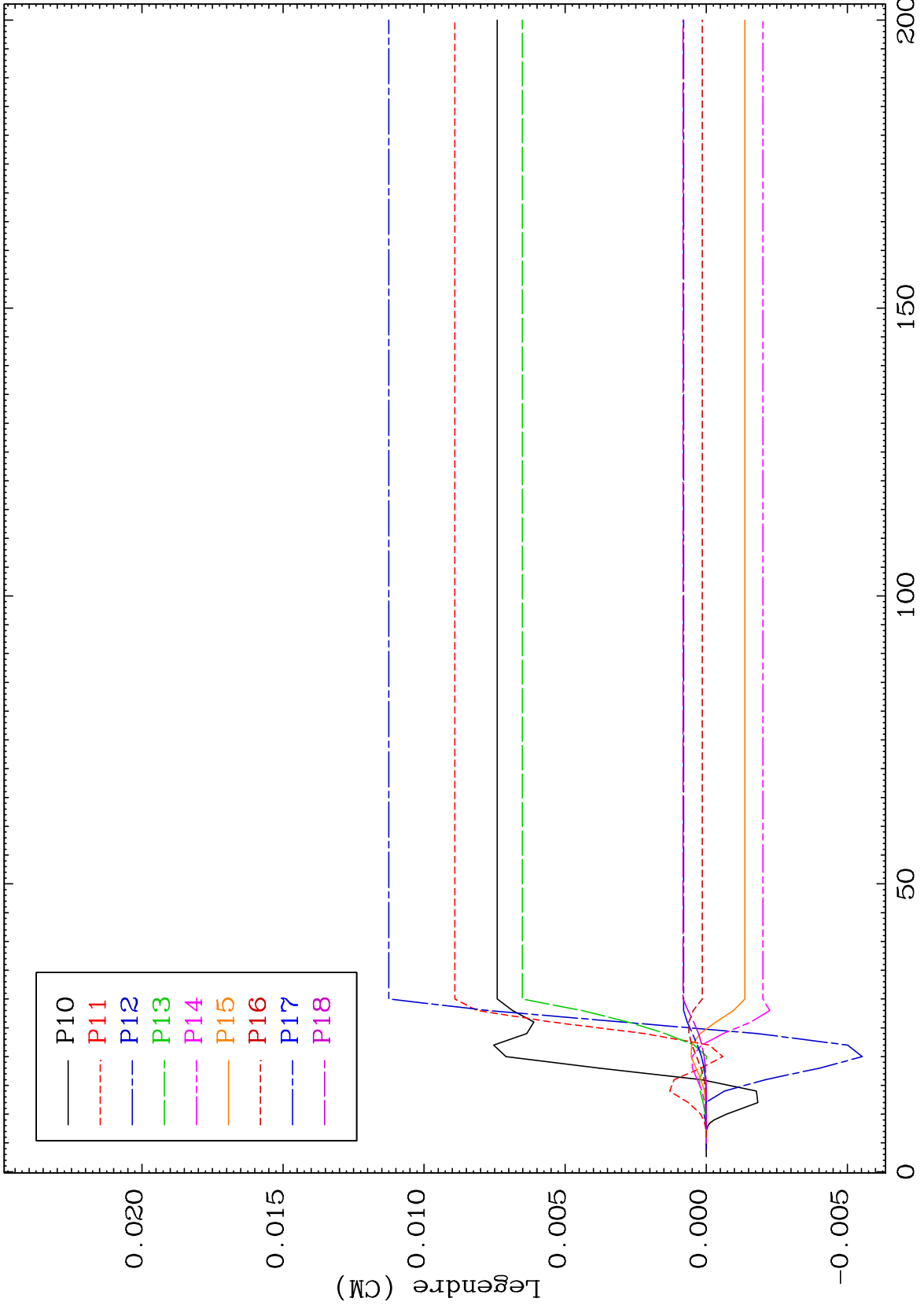
40-Zr-85

MAT 4010 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-85



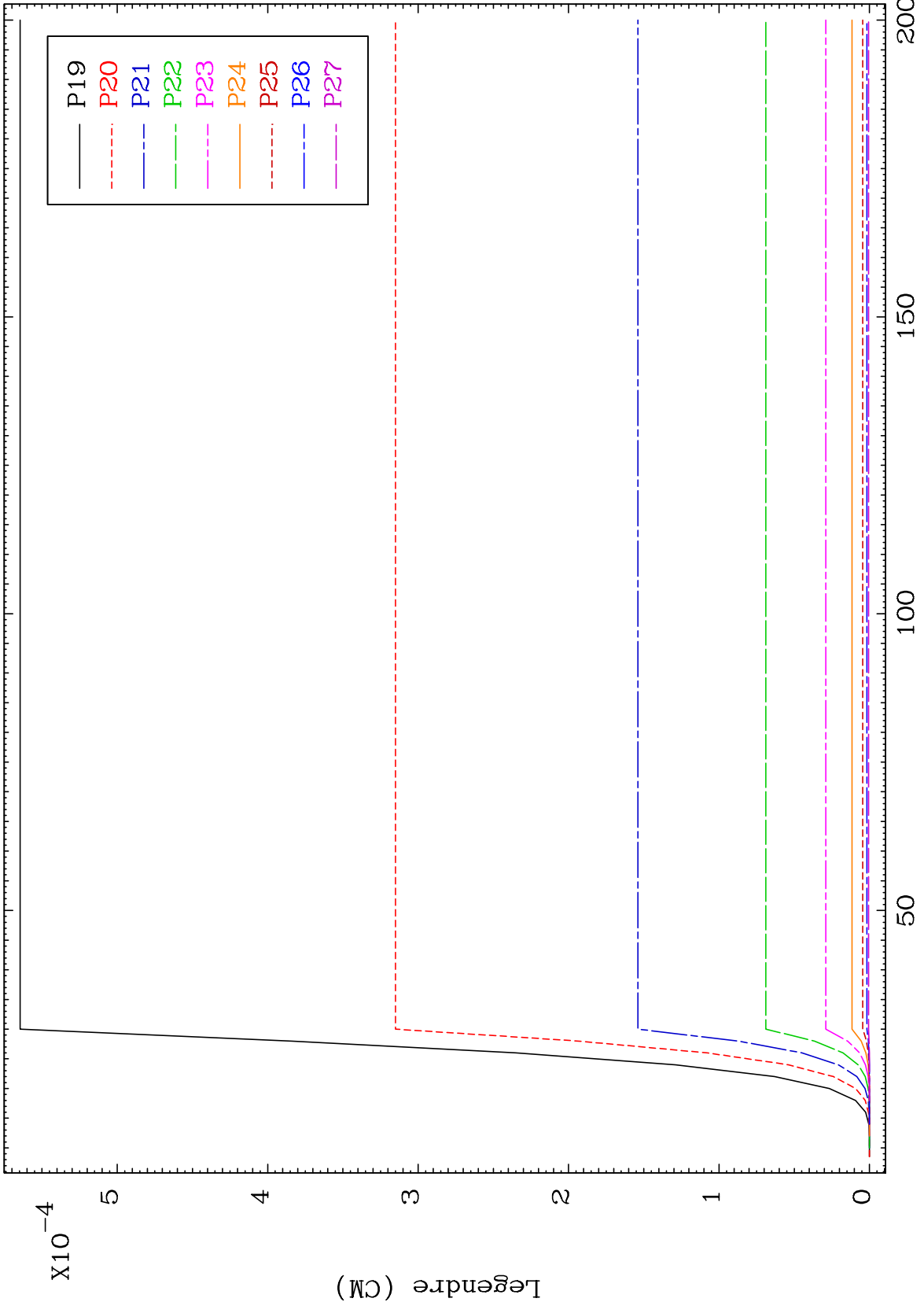
109 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-85



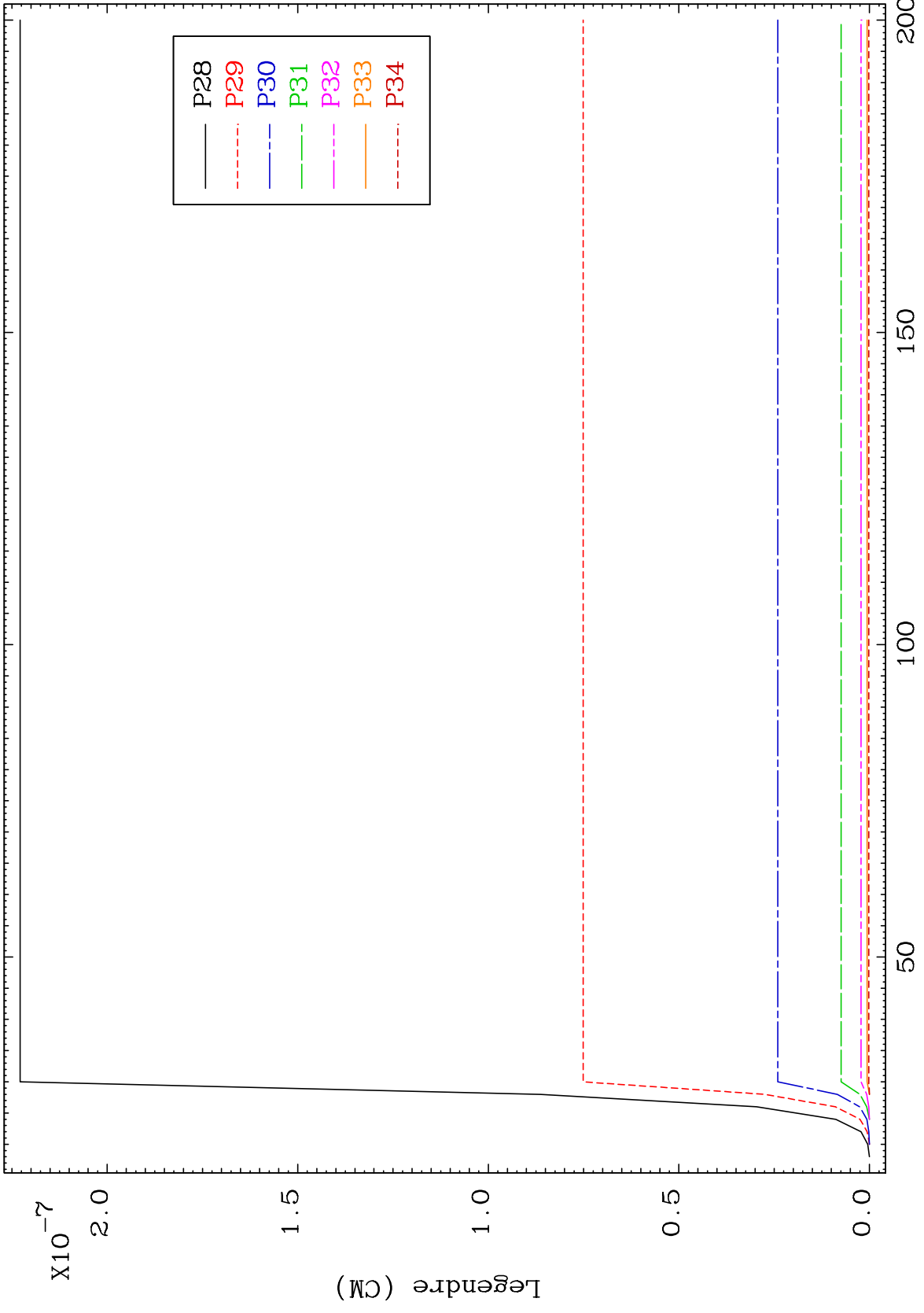
110 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-85



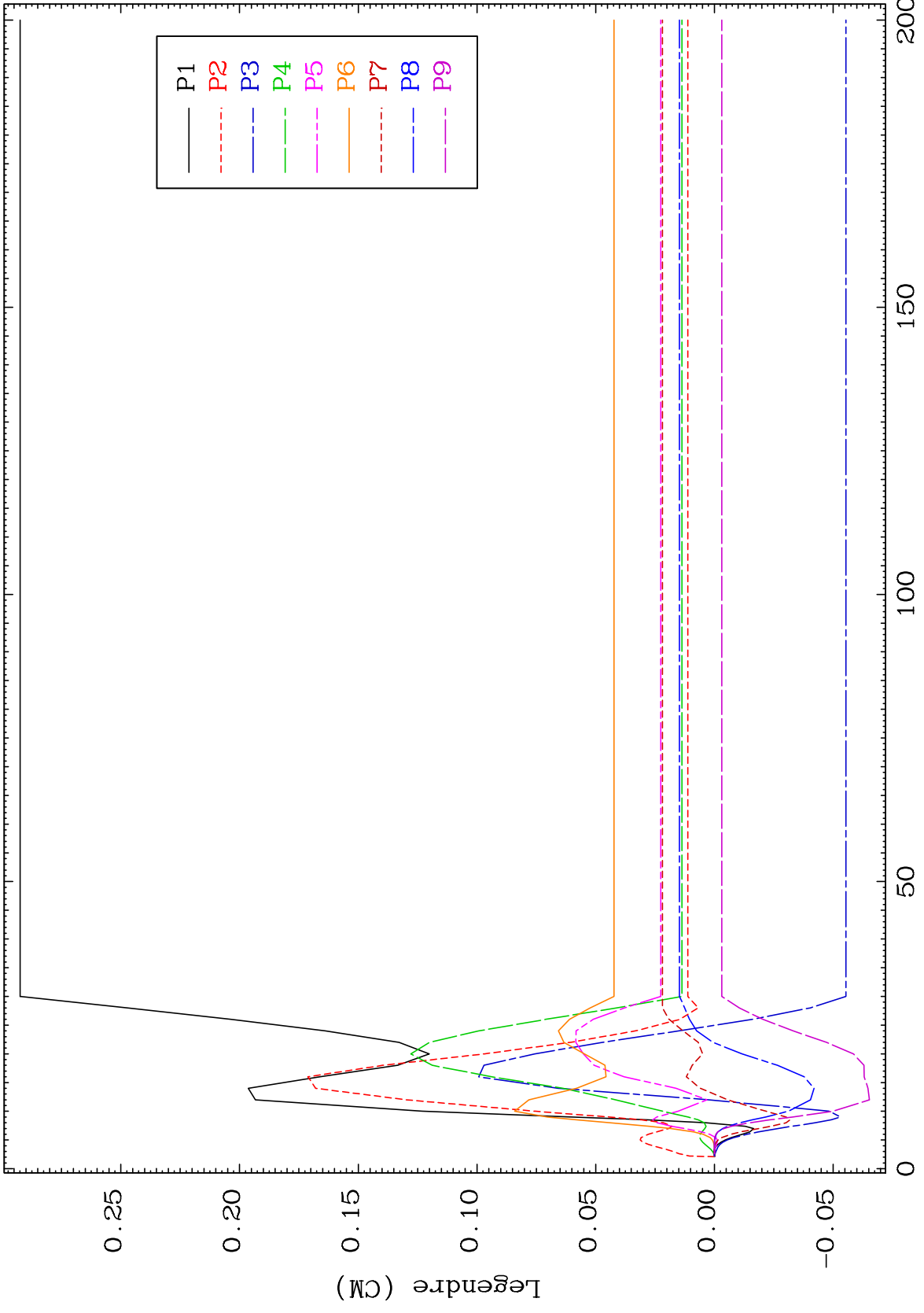
111 40-Zr-85

MAT 4010 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-85



112 40-Zr-85

MAT 4010 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-85

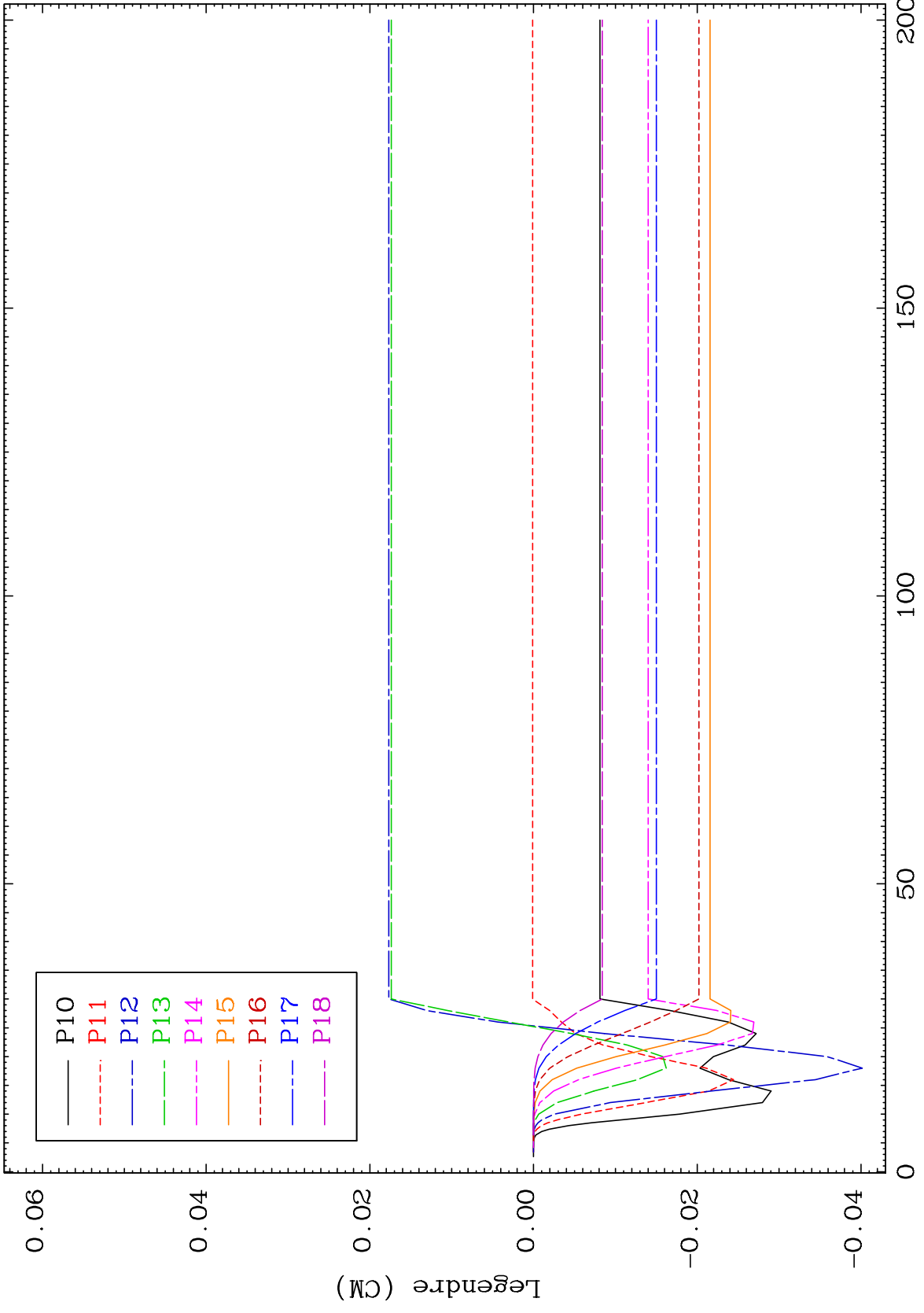


113 40-Zr-85

MAT 4010 MT= 76 (n,n') Level Legendre Coefficients

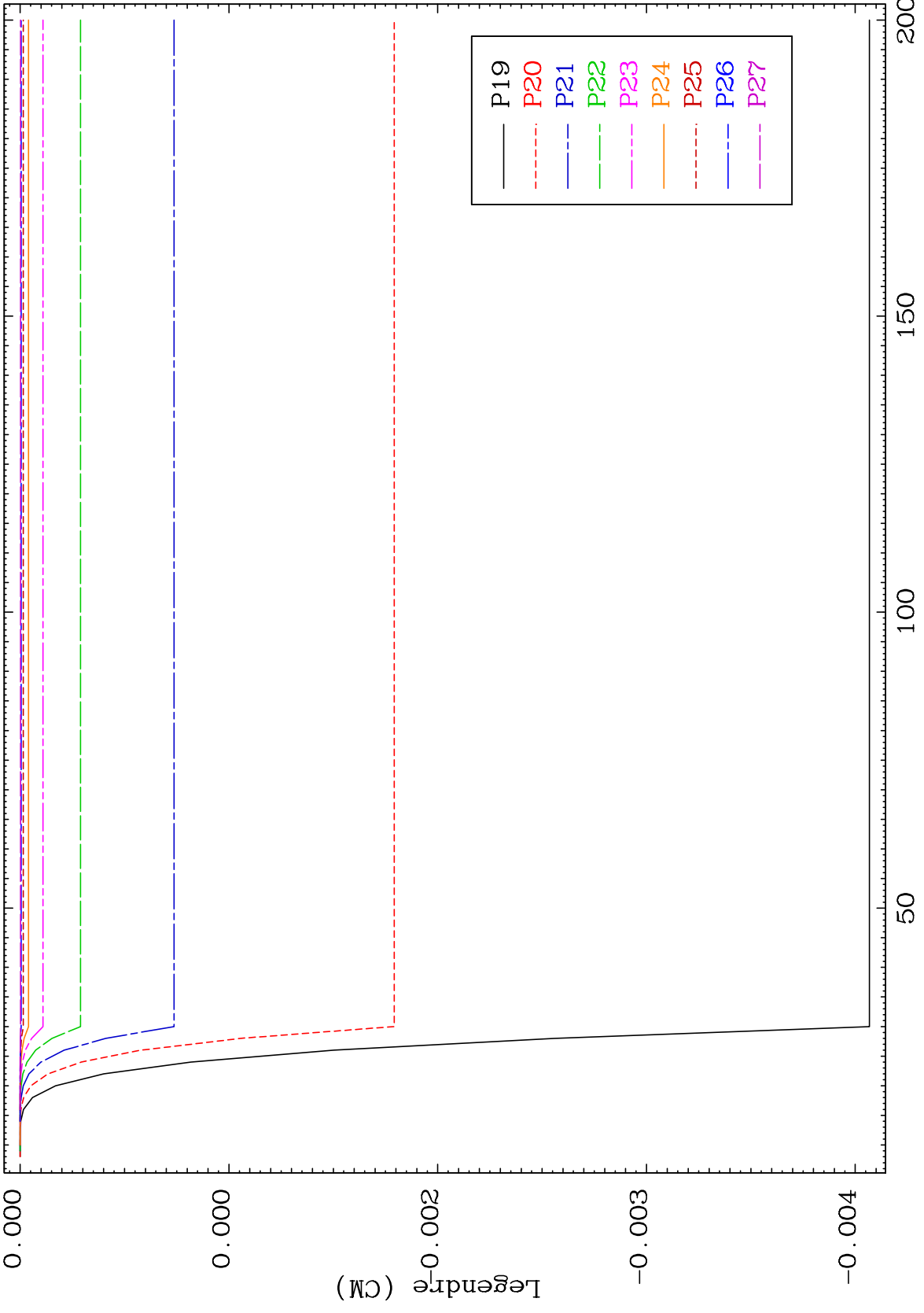
40-Zr-85

40-Zr-85



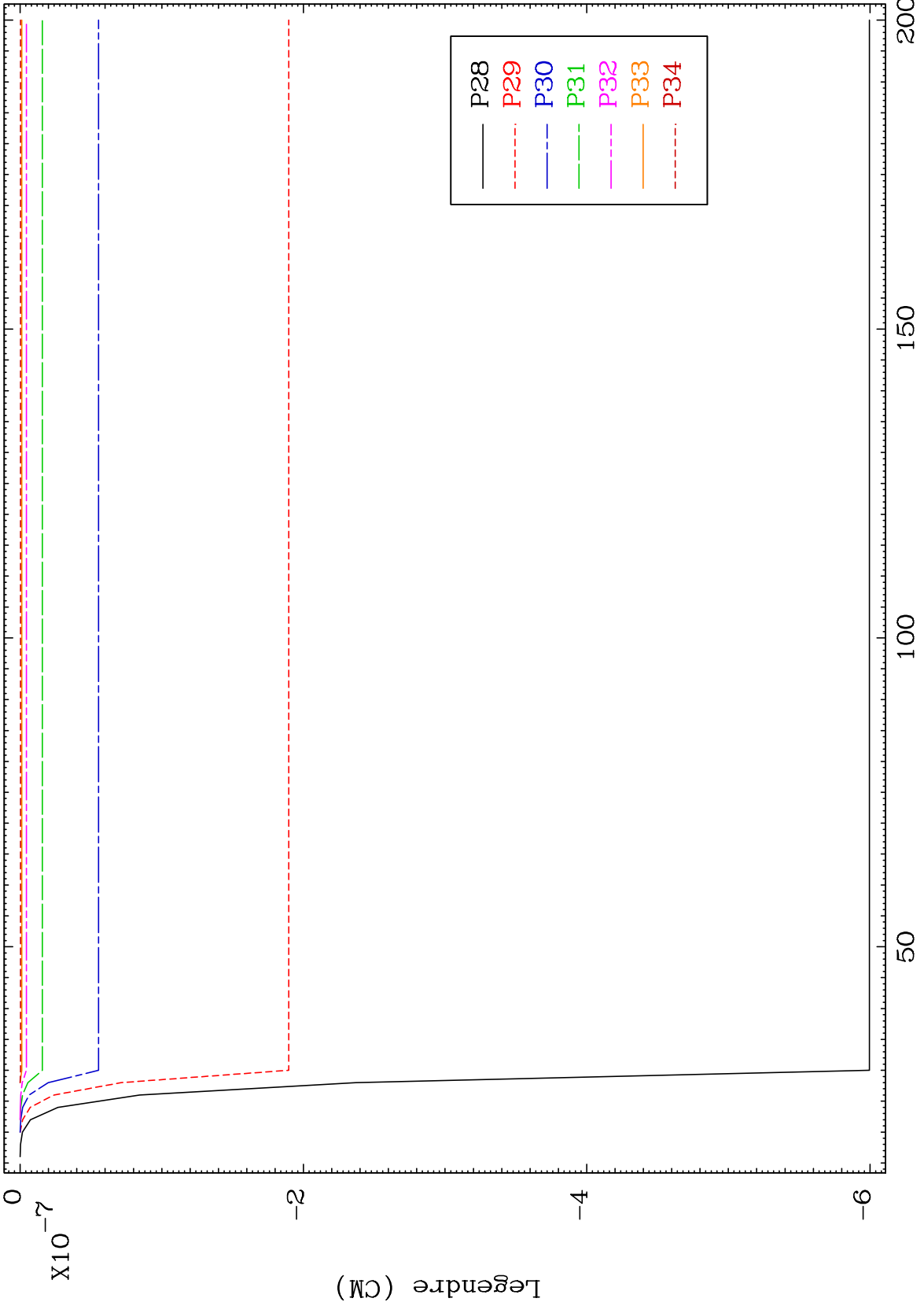
114

MAT 4010 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-85



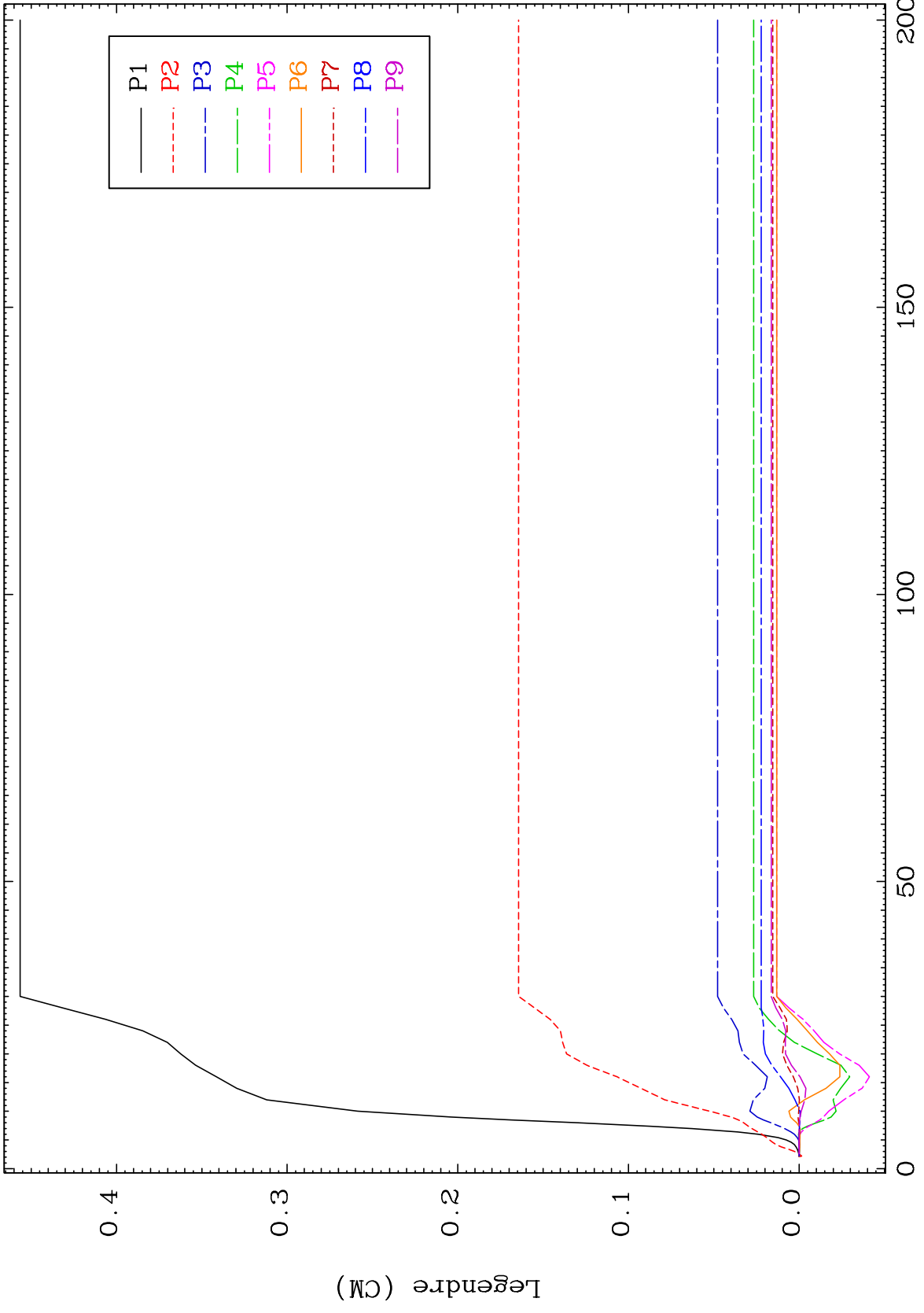
115 Incident Energy (MeV) 40-Zr-85

MAT 4010 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-85



116 40-Zr-85

MAT 4010 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-85

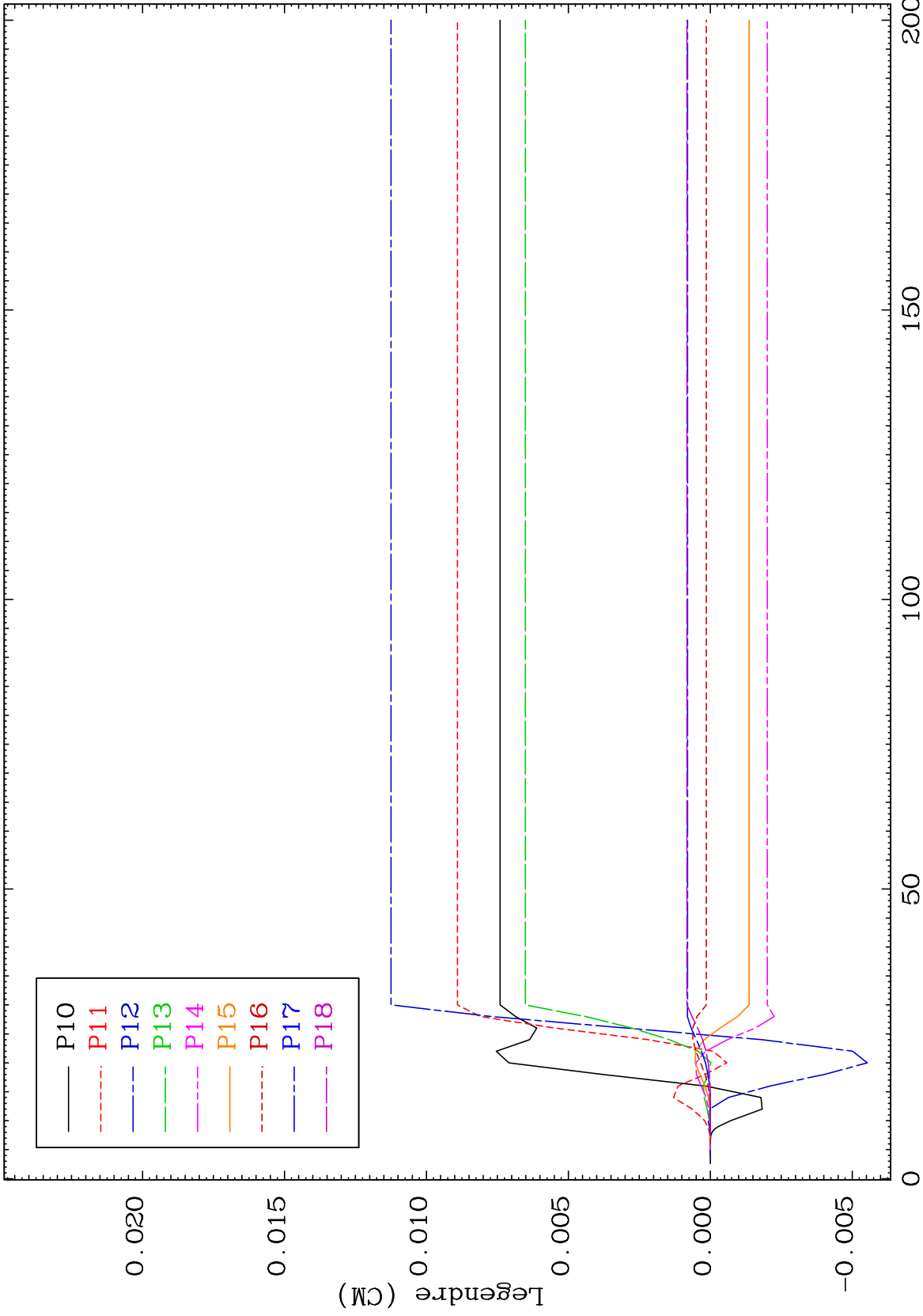


117 40-Zr-85

MAT 4010

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

40-Zr-85

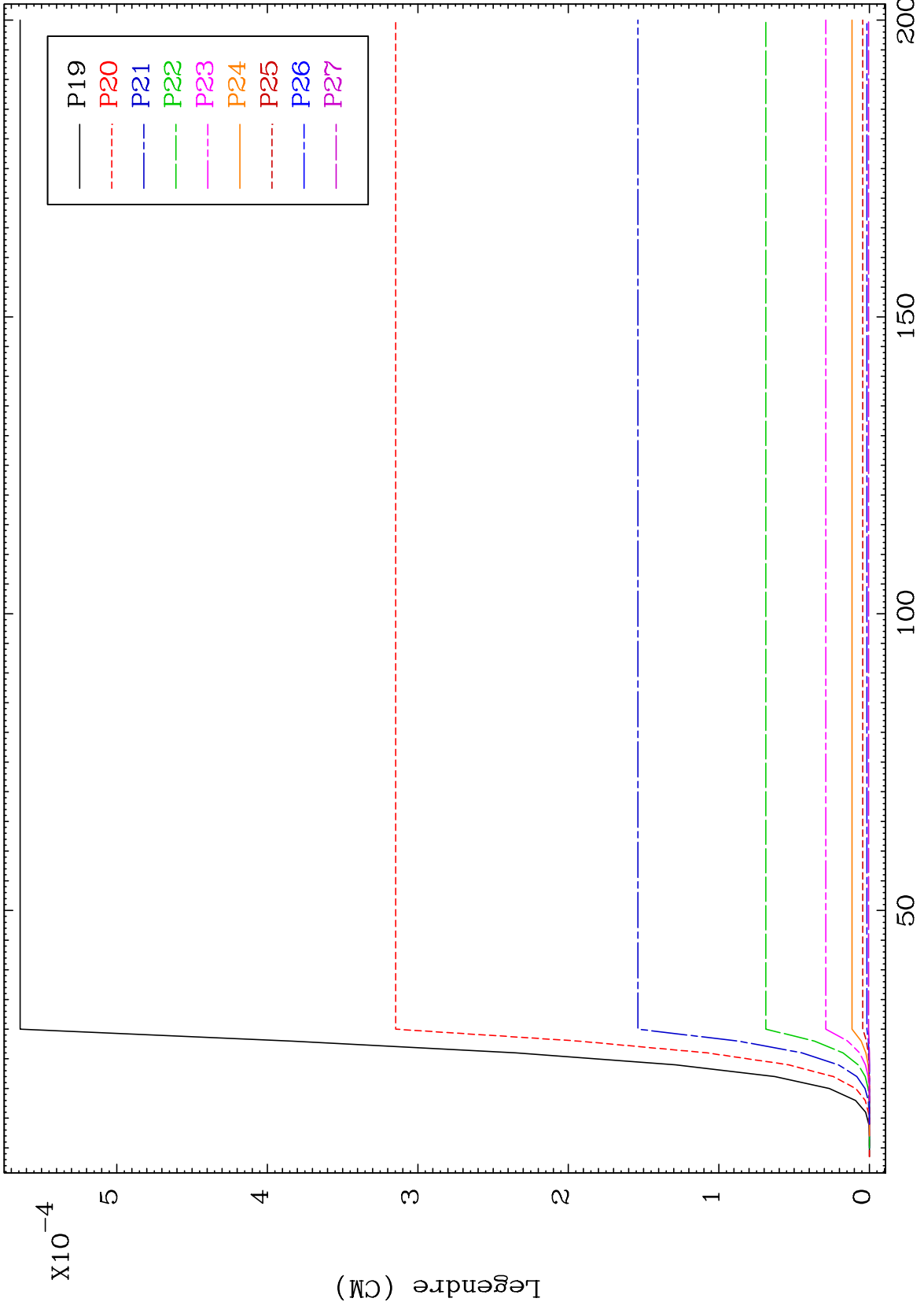


118

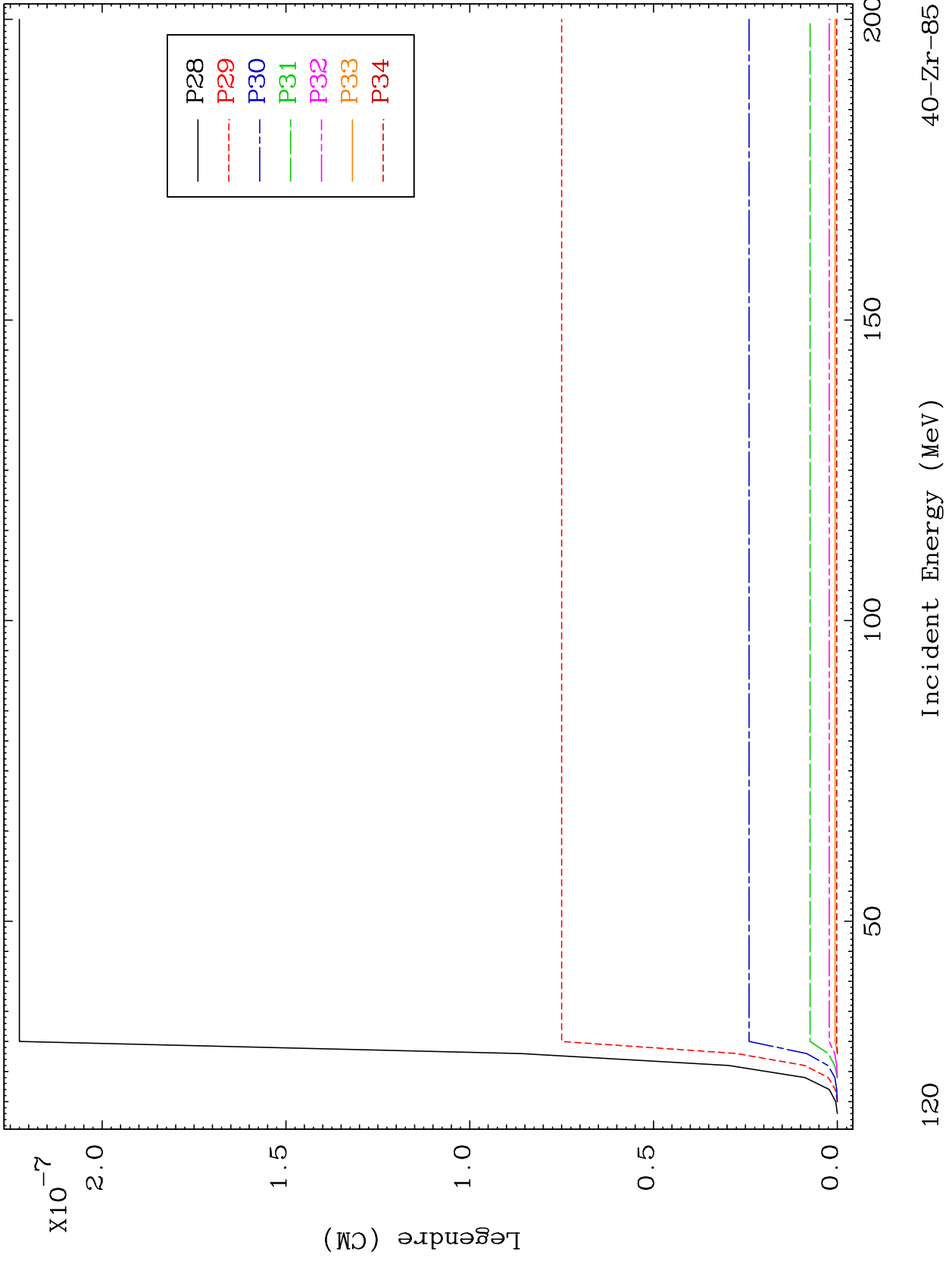
Incident Energy (MeV)

40-Zr-85

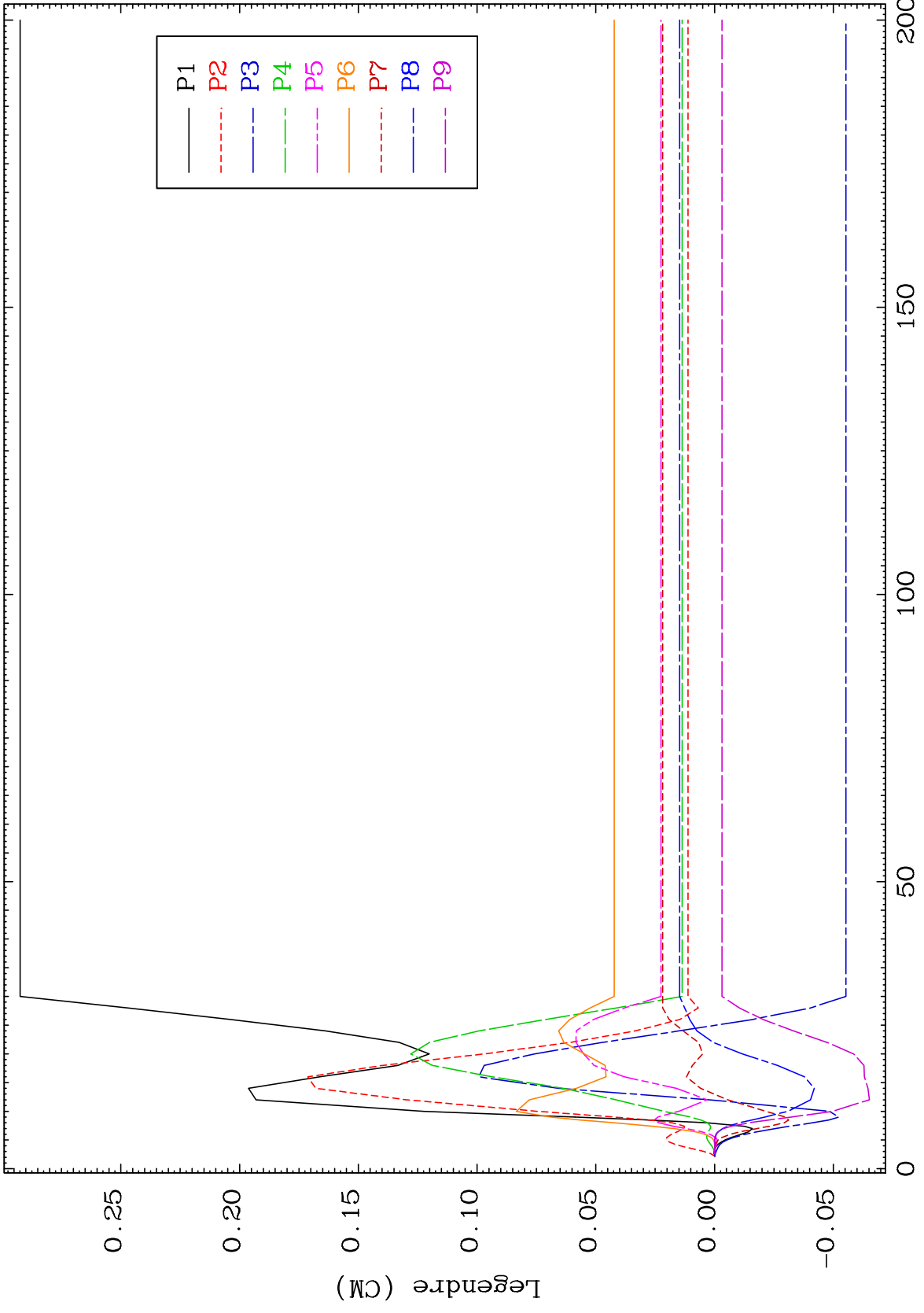
MAT 4010 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-85

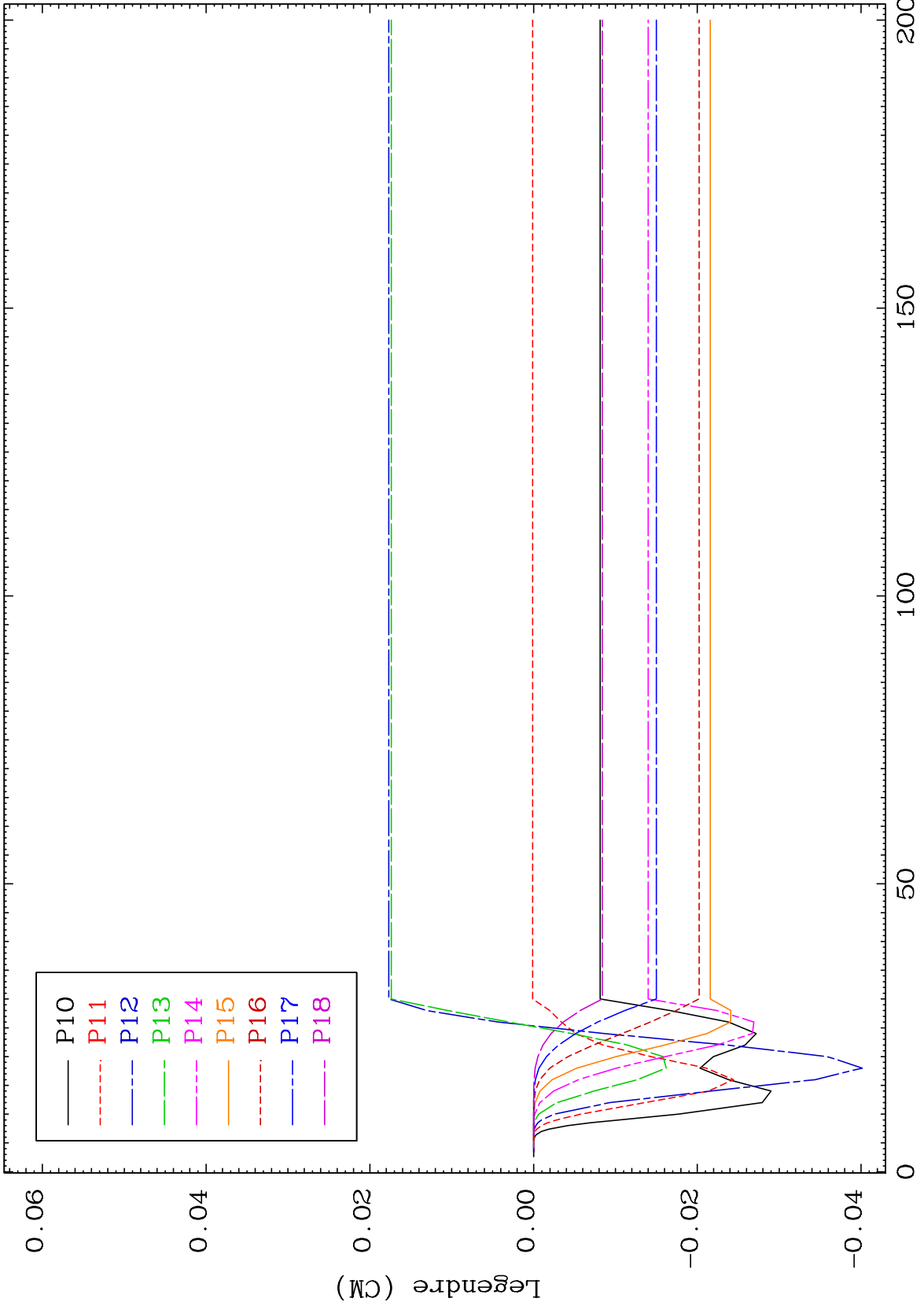


MAT 4010 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-85



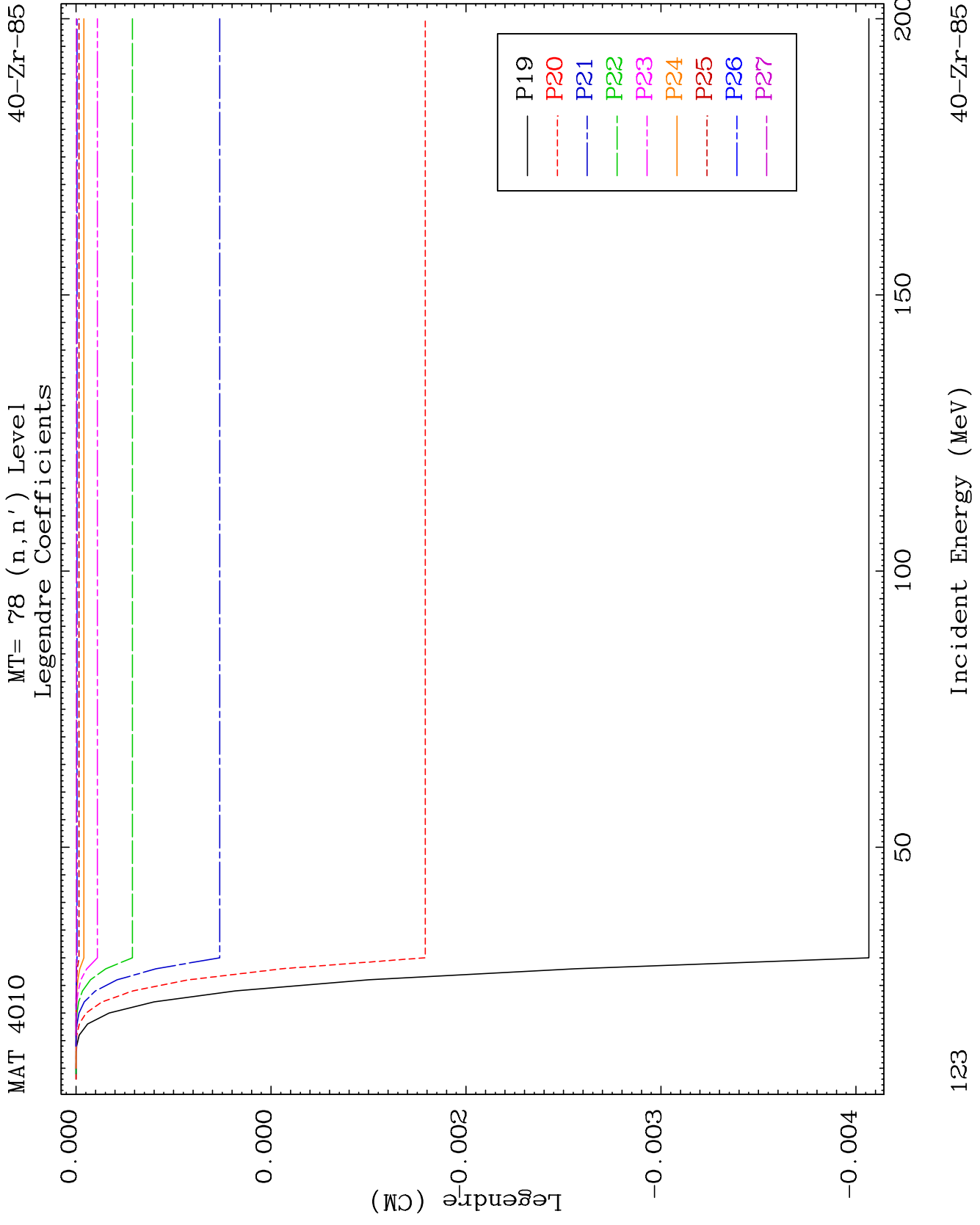
121 40-Zr-85

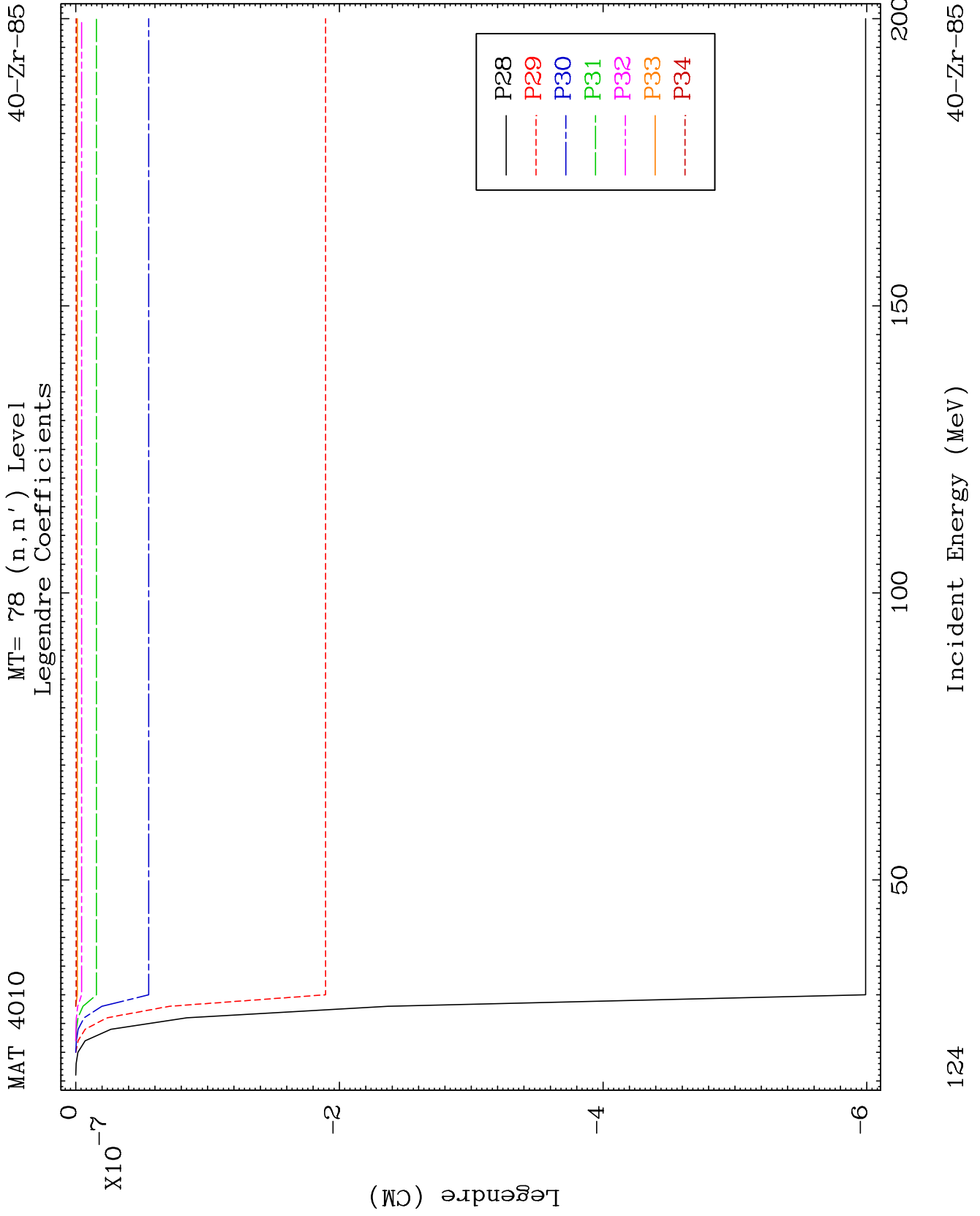
MAT 4010 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-85



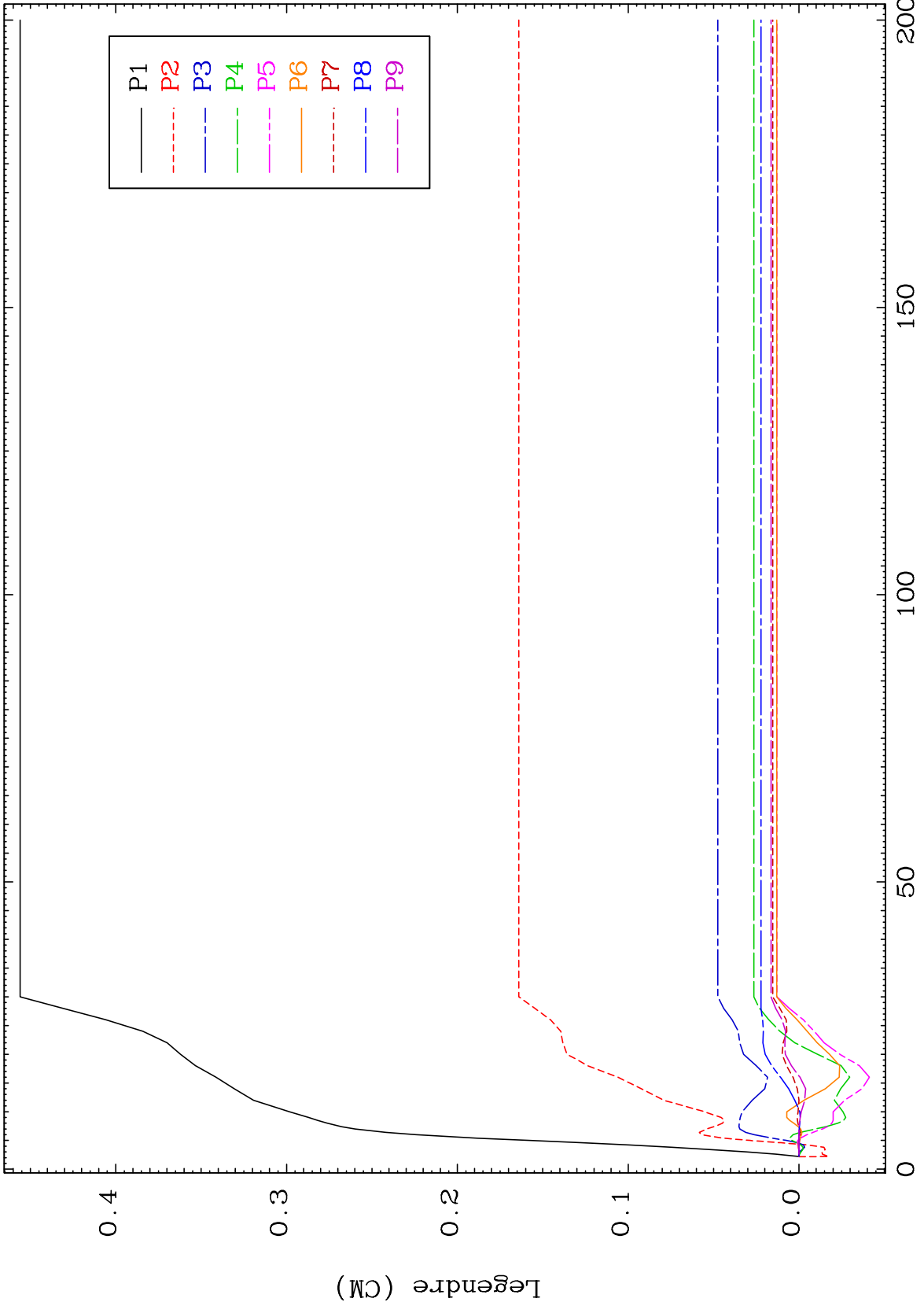
40-Zr-85

Incident Energy (MeV)





MAT 4010 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-85

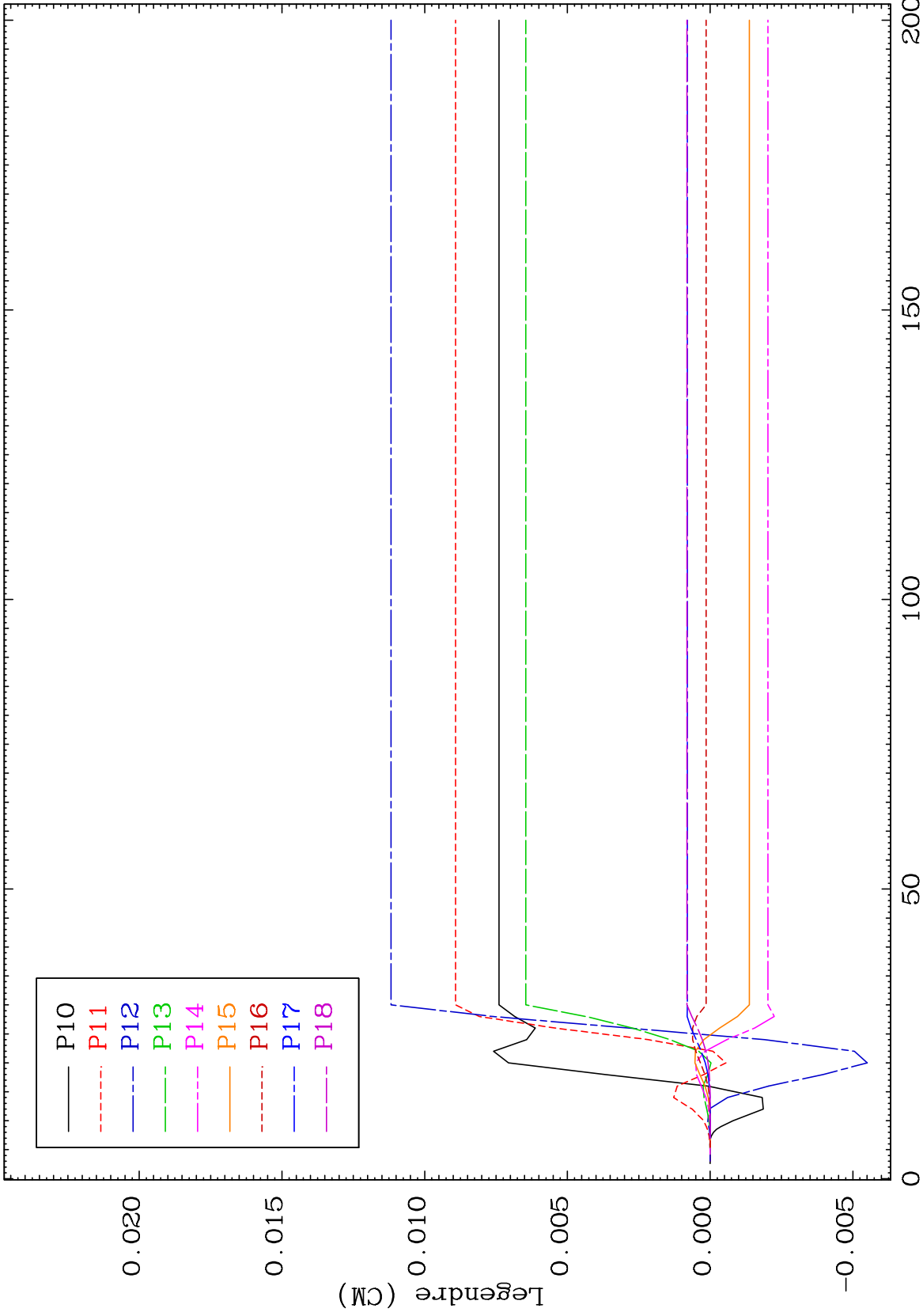


125 50 100 150 200 40-Zr-85

MAT 4010

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

40-Zr-85

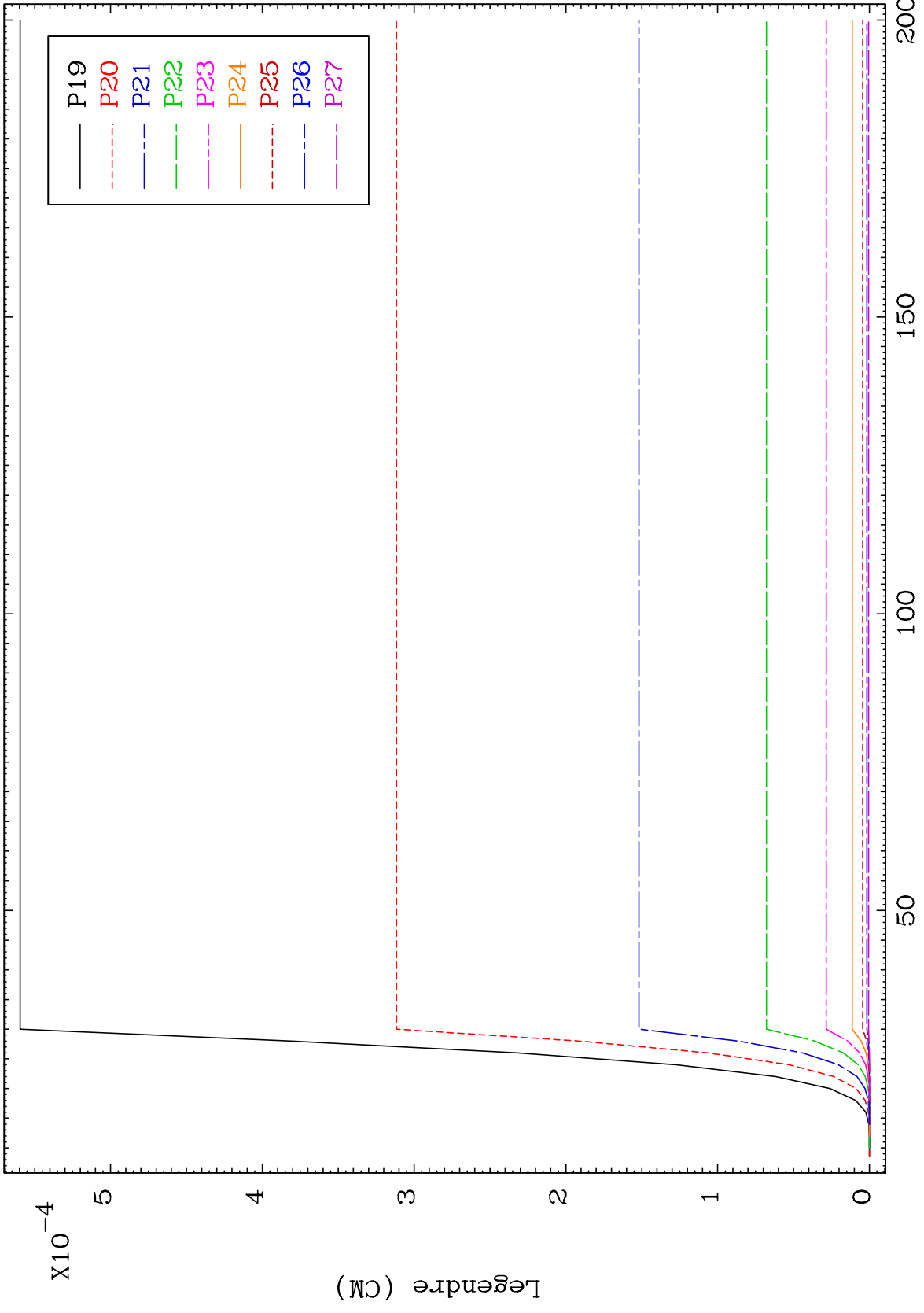


126

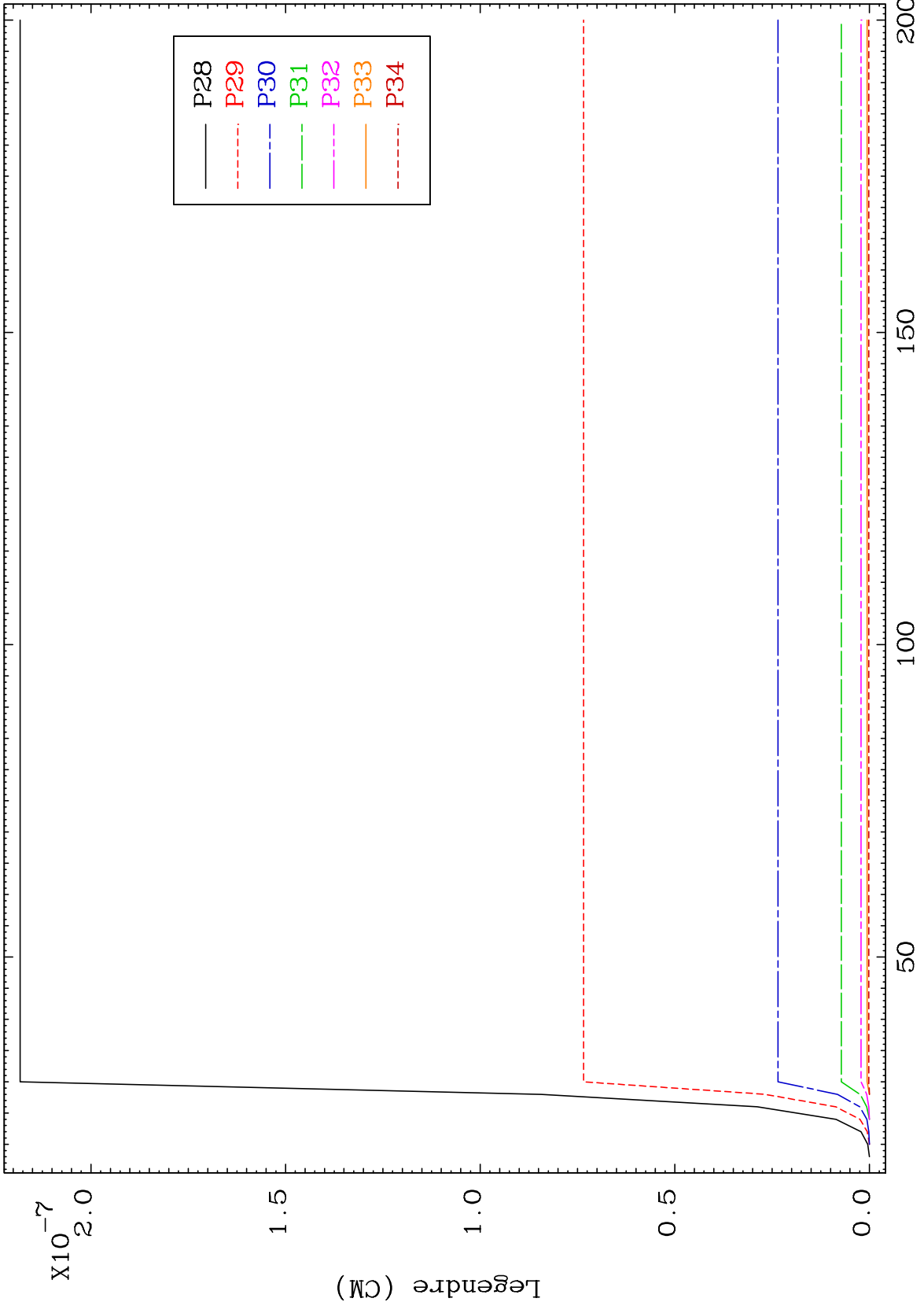
Incident Energy (MeV)

40-Zr-85

MAT 4010 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-85



MAT 4010 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-85

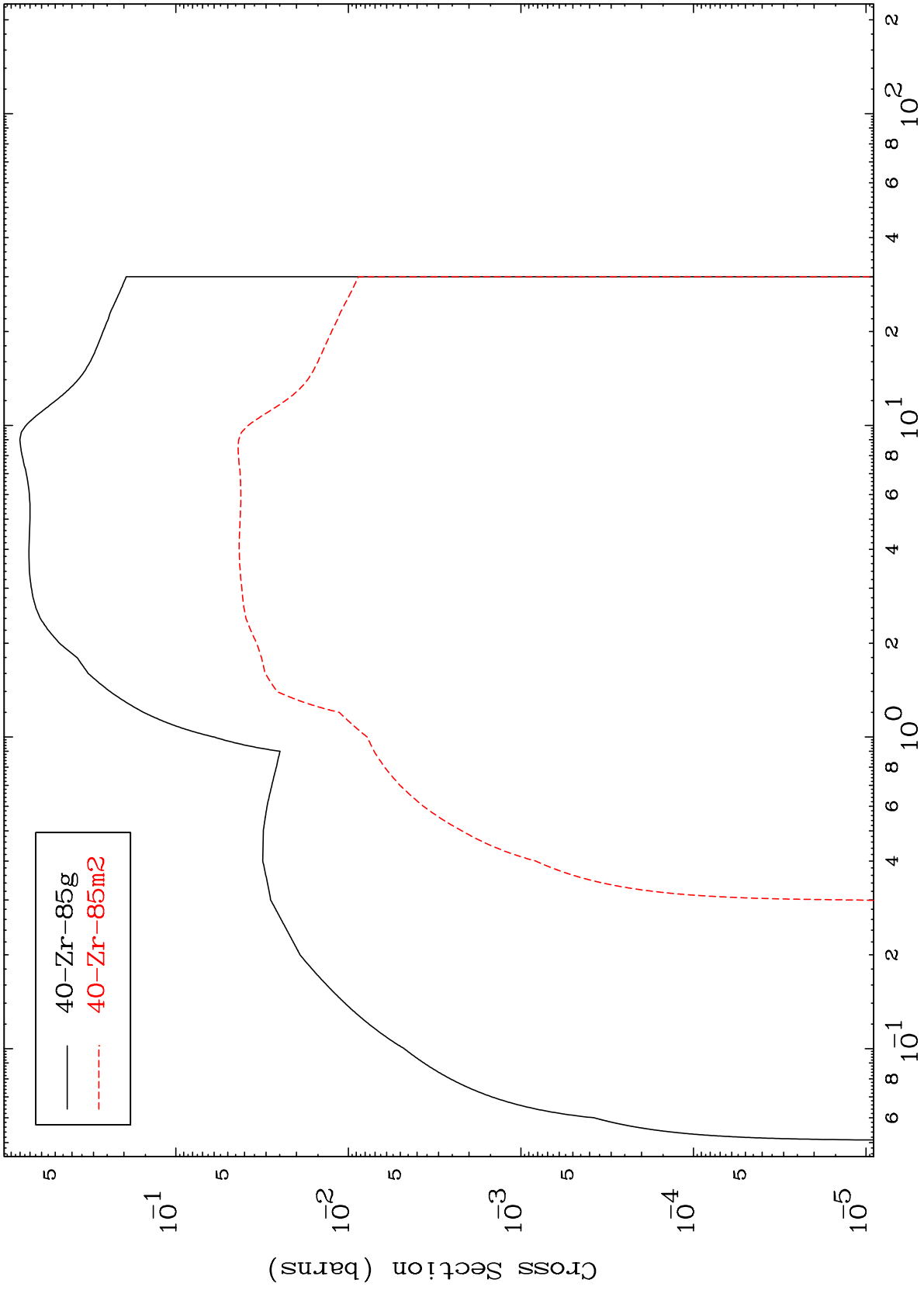


128 40-Zr-85

MAT 4010

Inelastic Radionuclide Production Cross Section

40-Zr-85



129

Incident Energy (MeV)

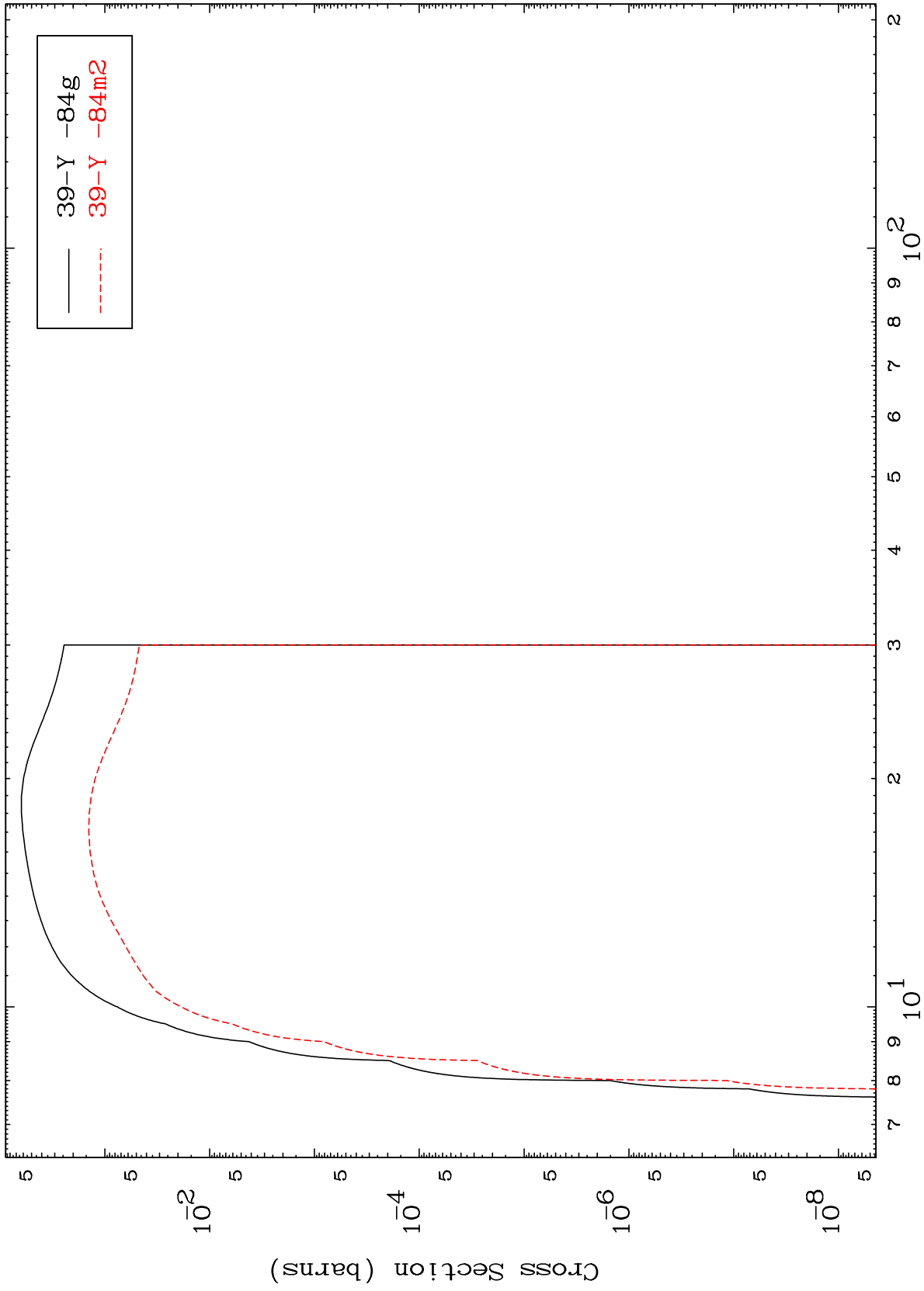
40-Zr-85

MAT 4010

(n,n') p

40-Zr-85

Radionuclide Production Cross Section



130

Incident Energy (MeV)

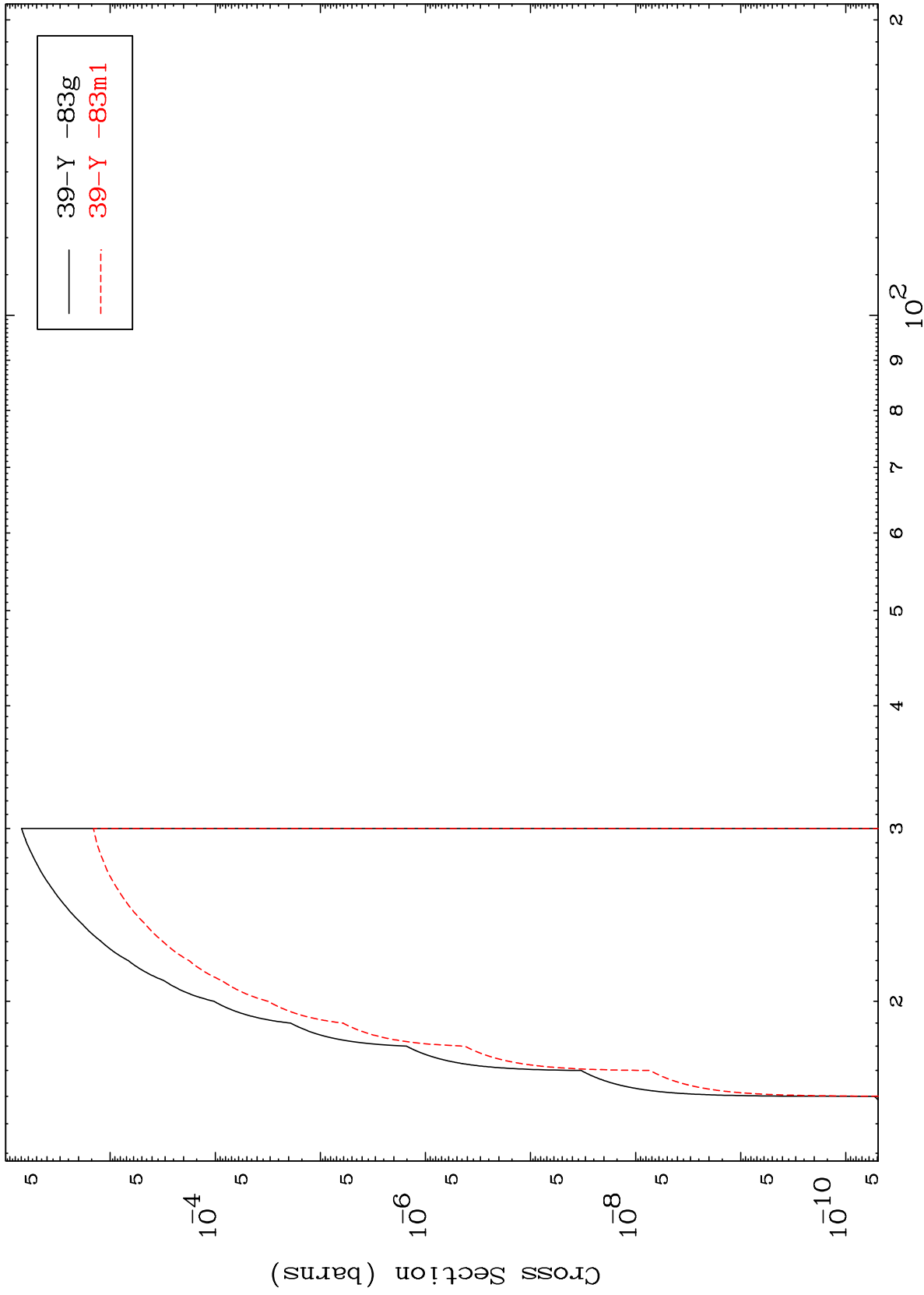
40-Zr-85

MAT 4010

(n,n') d

40-Zr-85

Radionuclide Production Cross Section



131

Incident Energy (MeV)

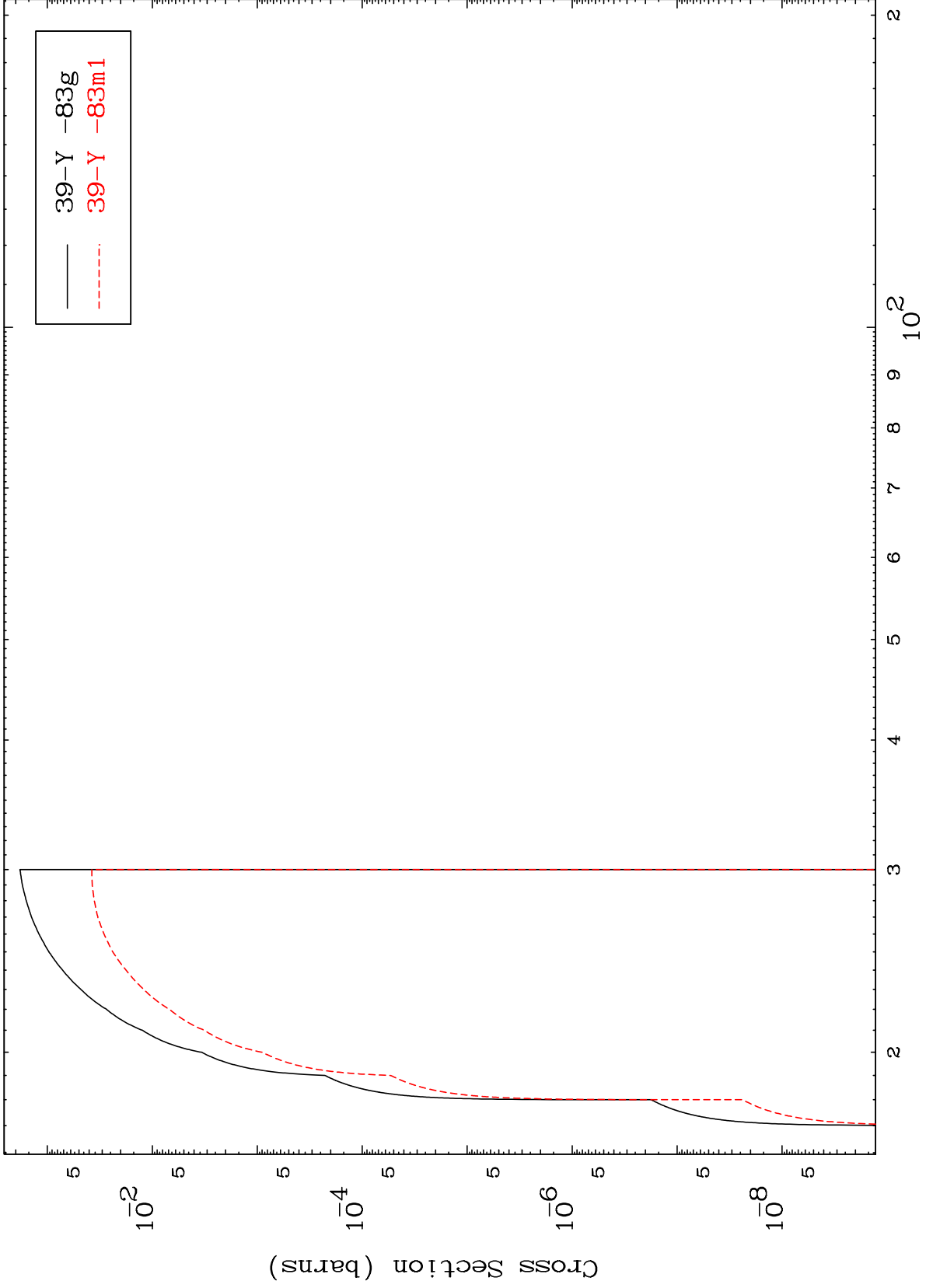
40-Zr-85

MAT 4010

(n,2n) p

40-Zr-85

Radionuclide Production Cross Section



132

Incident Energy (MeV)

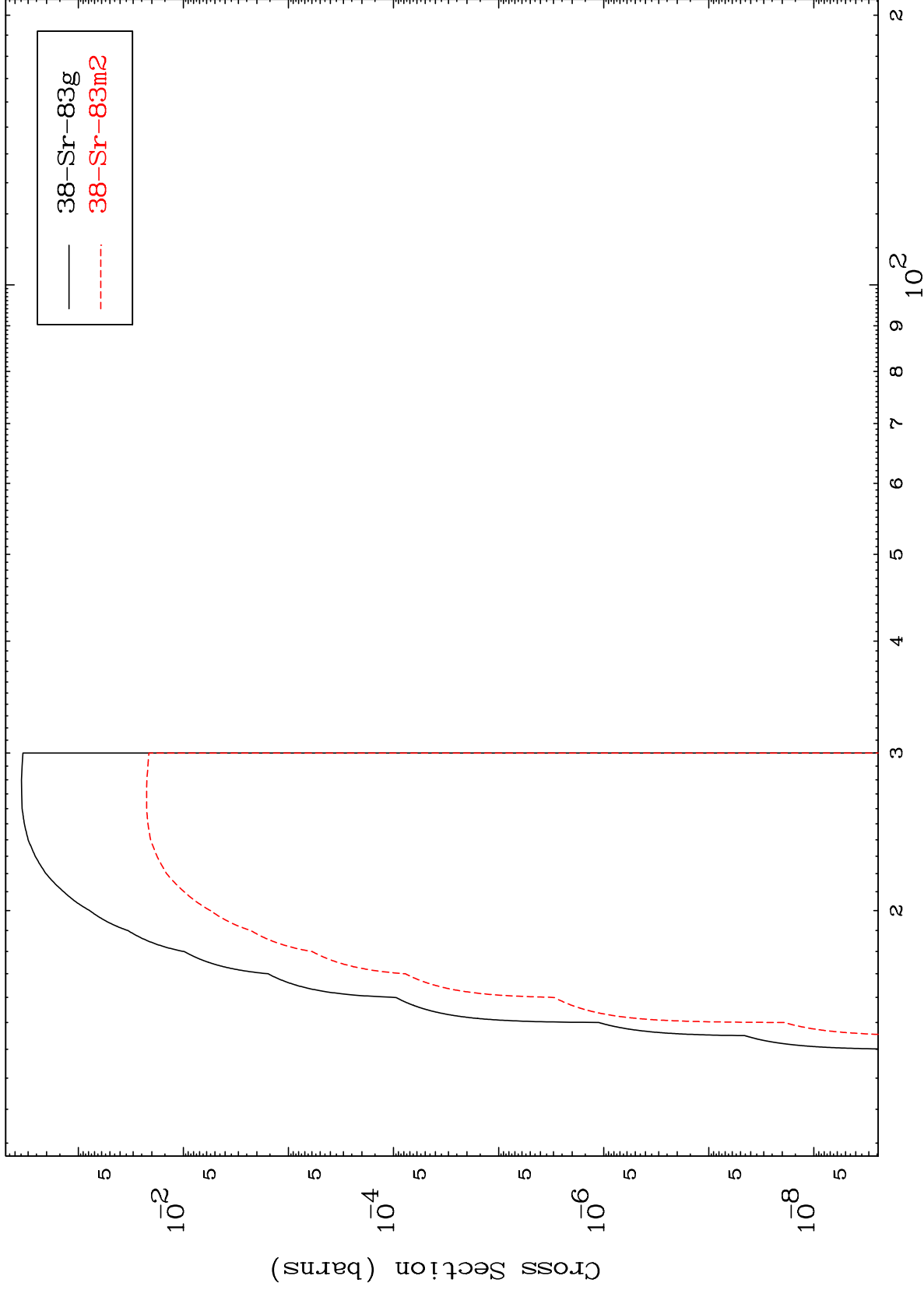
40-Zr-85

MAT 4010

(n,2n) p

40-Zr-85

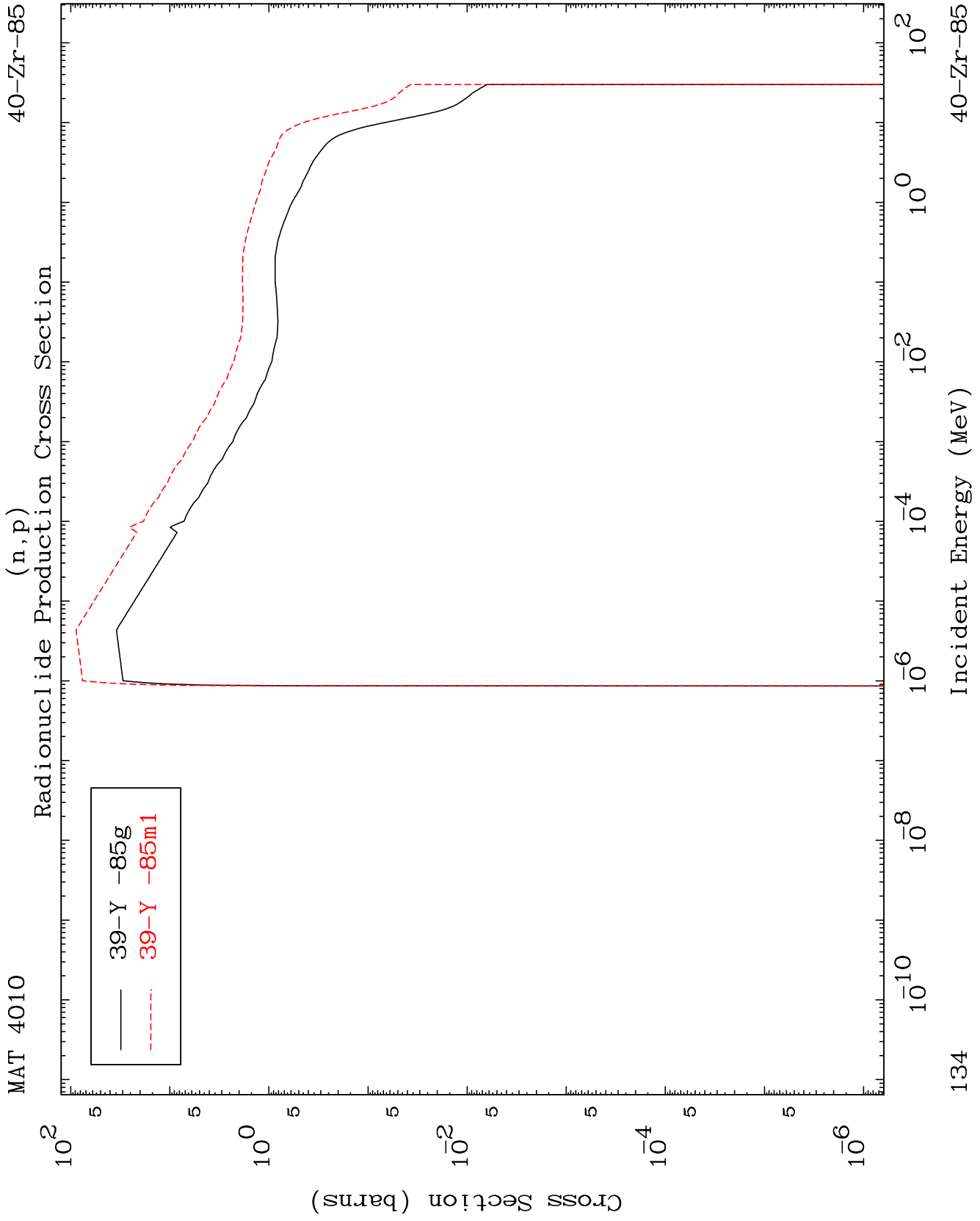
Radionuclide Production Cross Section



133

Incident Energy (MeV)

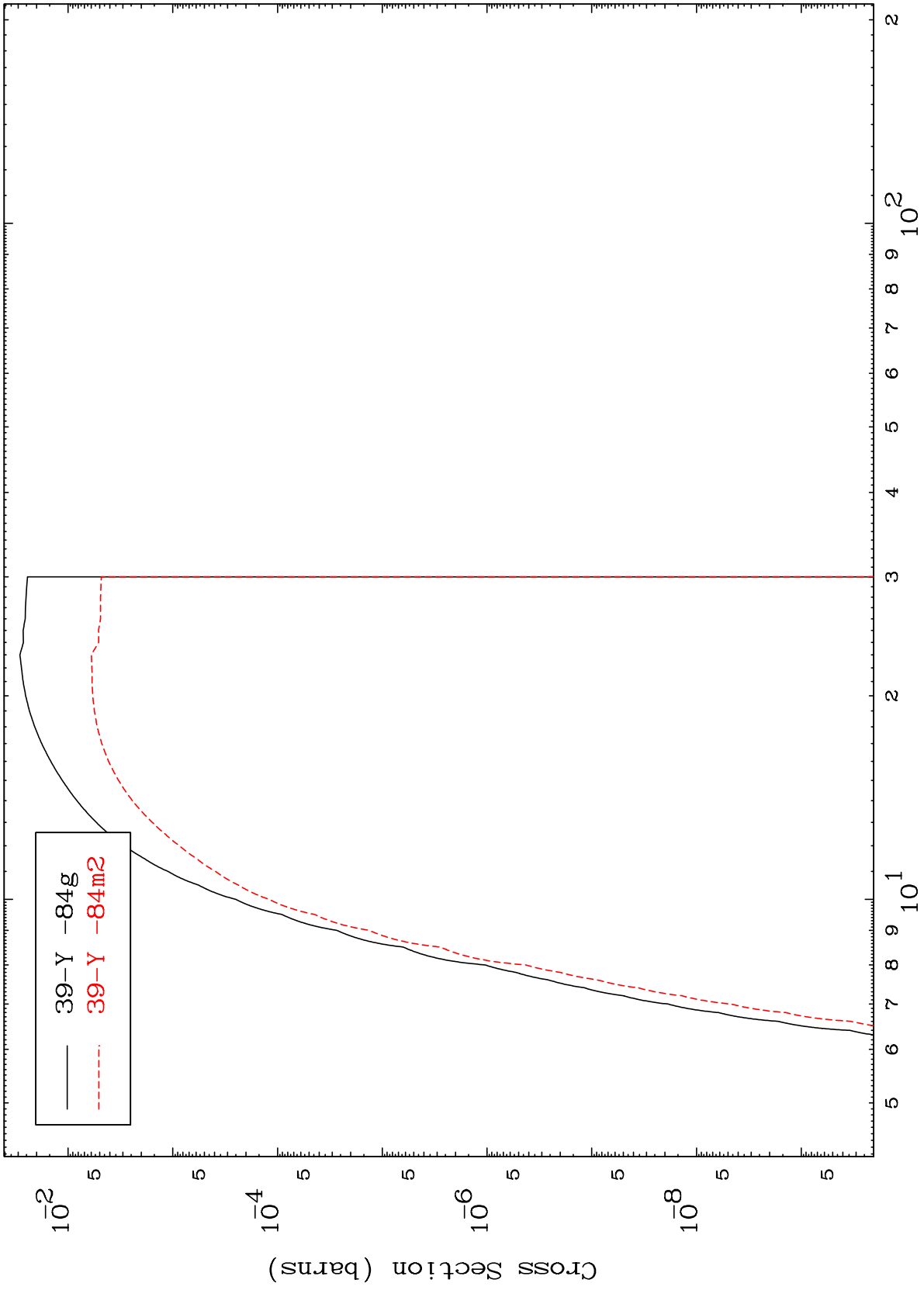
40-Zr-85



MAT 4010

Radionuclide Production Cross Section
(n,d)

40-Zr-85



135

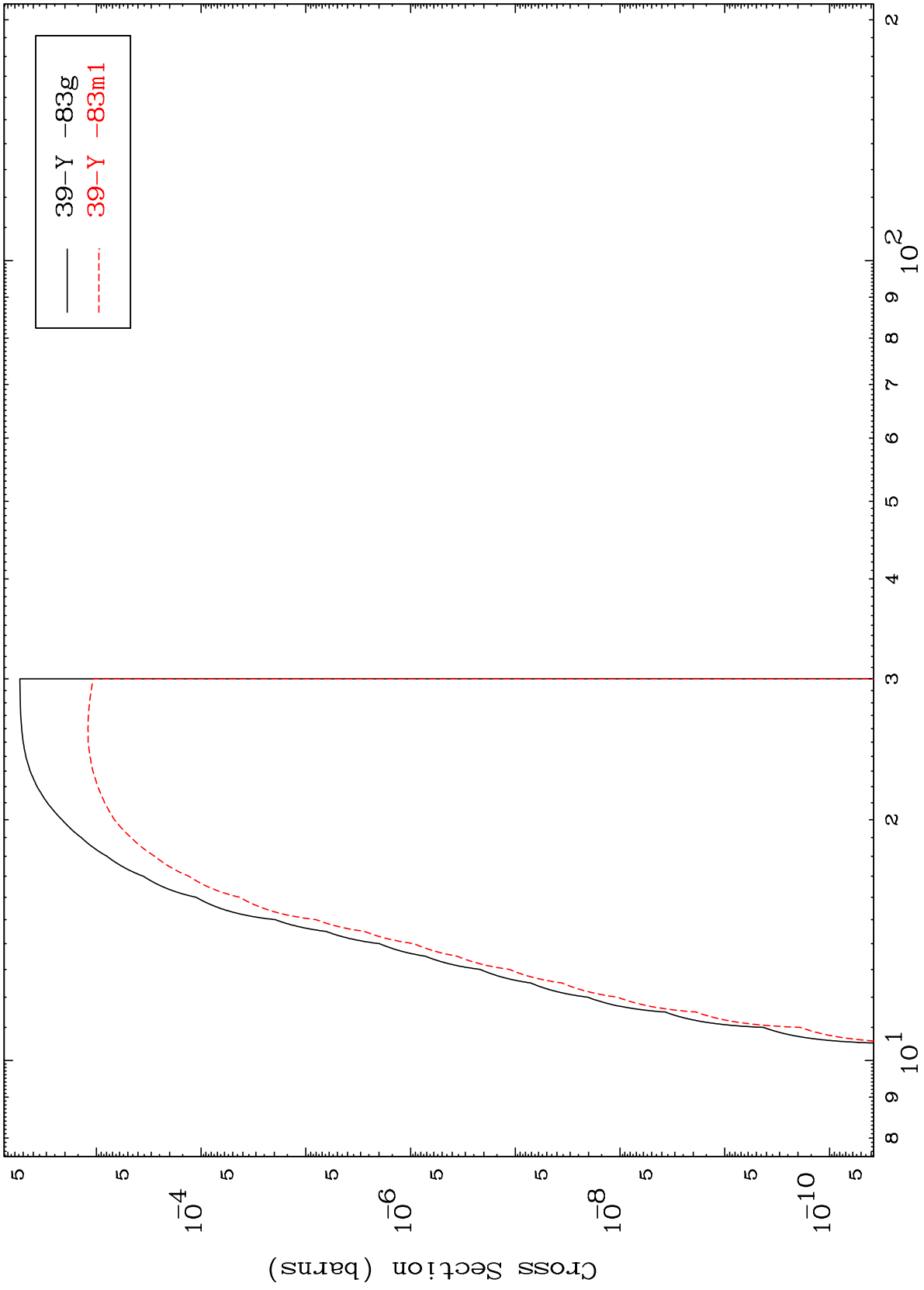
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

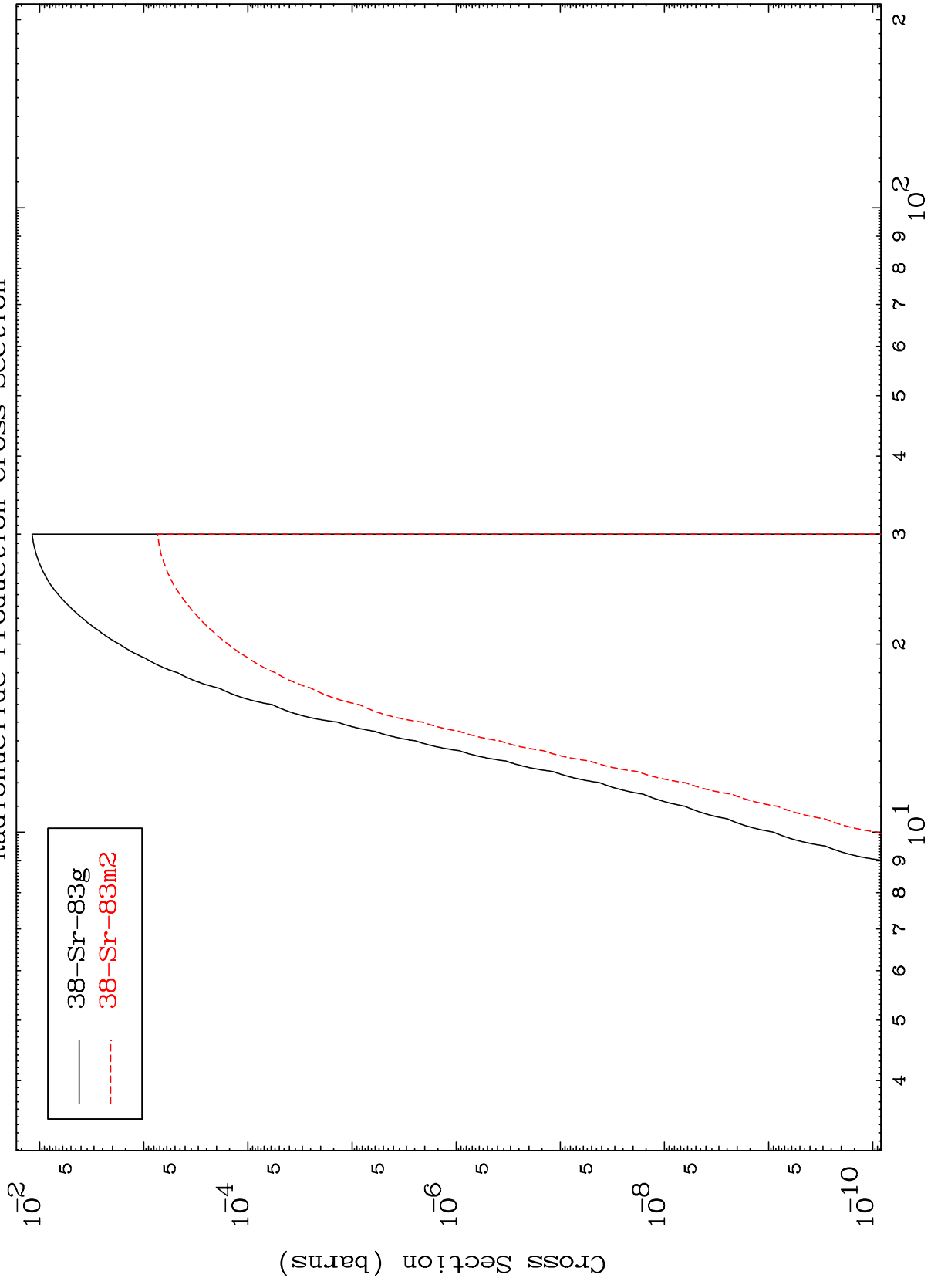
40-Zr-85

MAT 4010

(n, He-3)

40-Zr-85

Radionuclide Production Cross Section



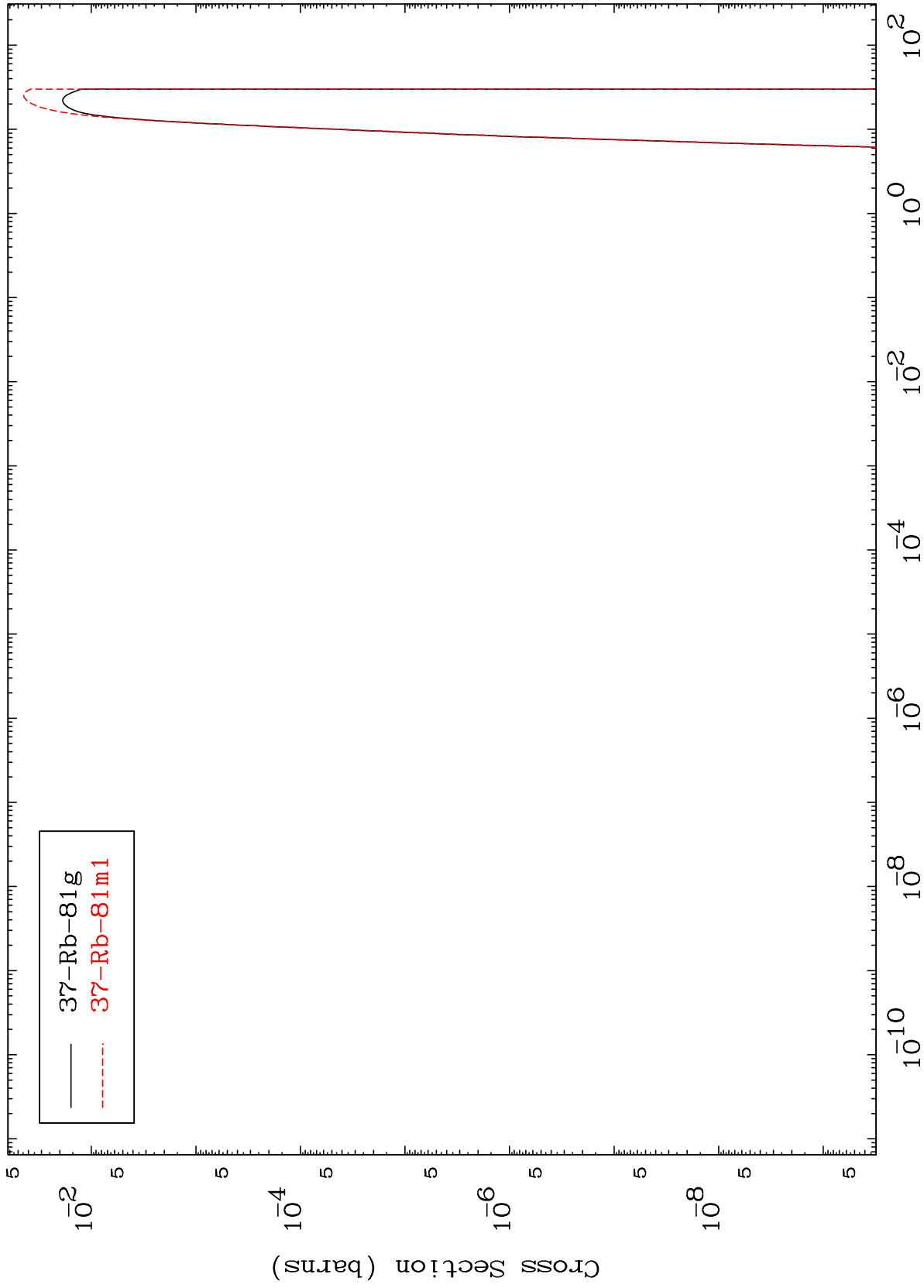
38-Sr-83g
38-Sr-83m2

MAT 4010

(n,p) α

40-Zr-85

Radionuclide Production Cross Section

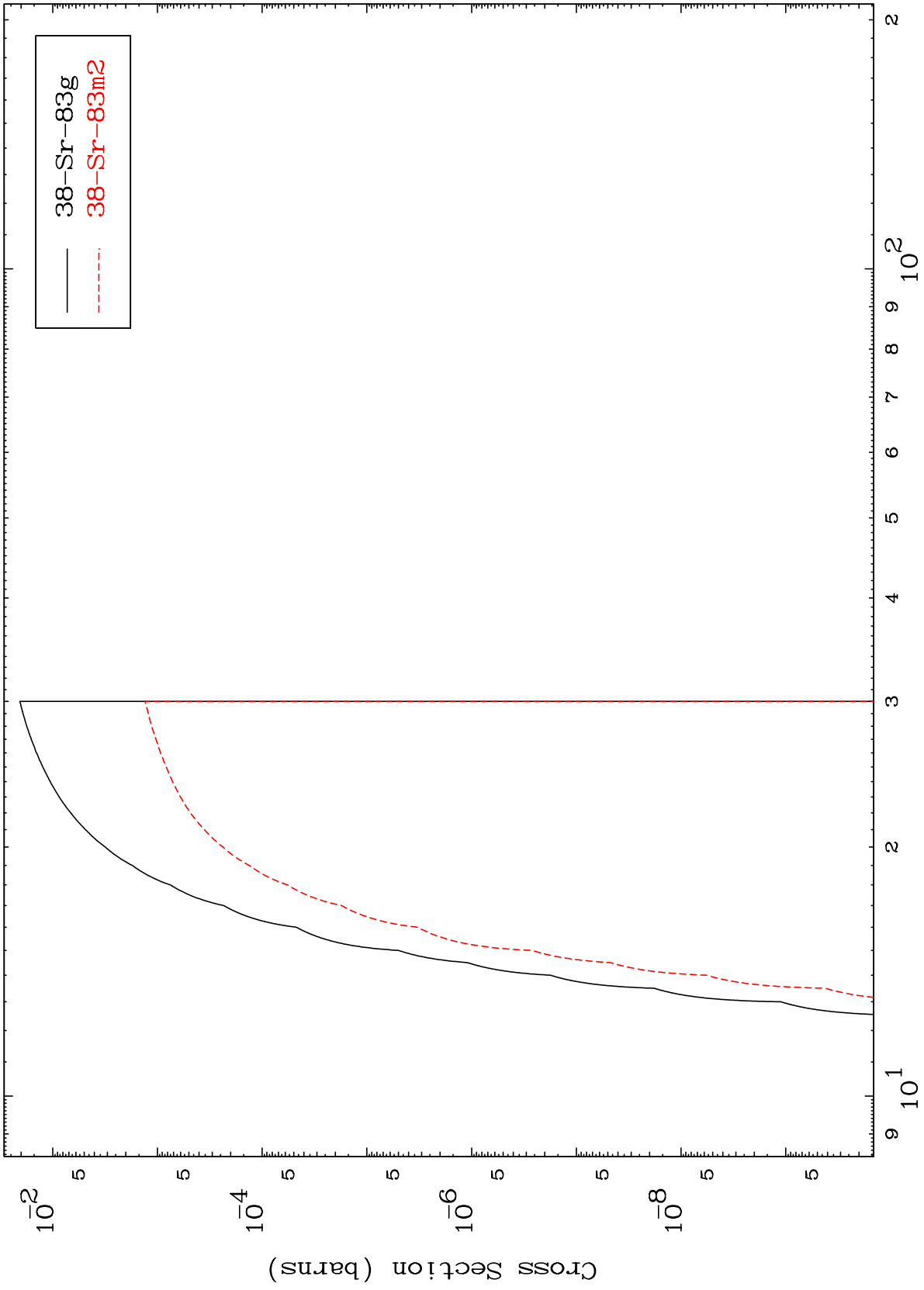


MAT 4010

(n,p) d

40-Zr-85

Radionuclide Production Cross Section



139

Incident Energy (MeV)

40-Zr-85