

Program EVALPLOT
(Version 2018-1)

by

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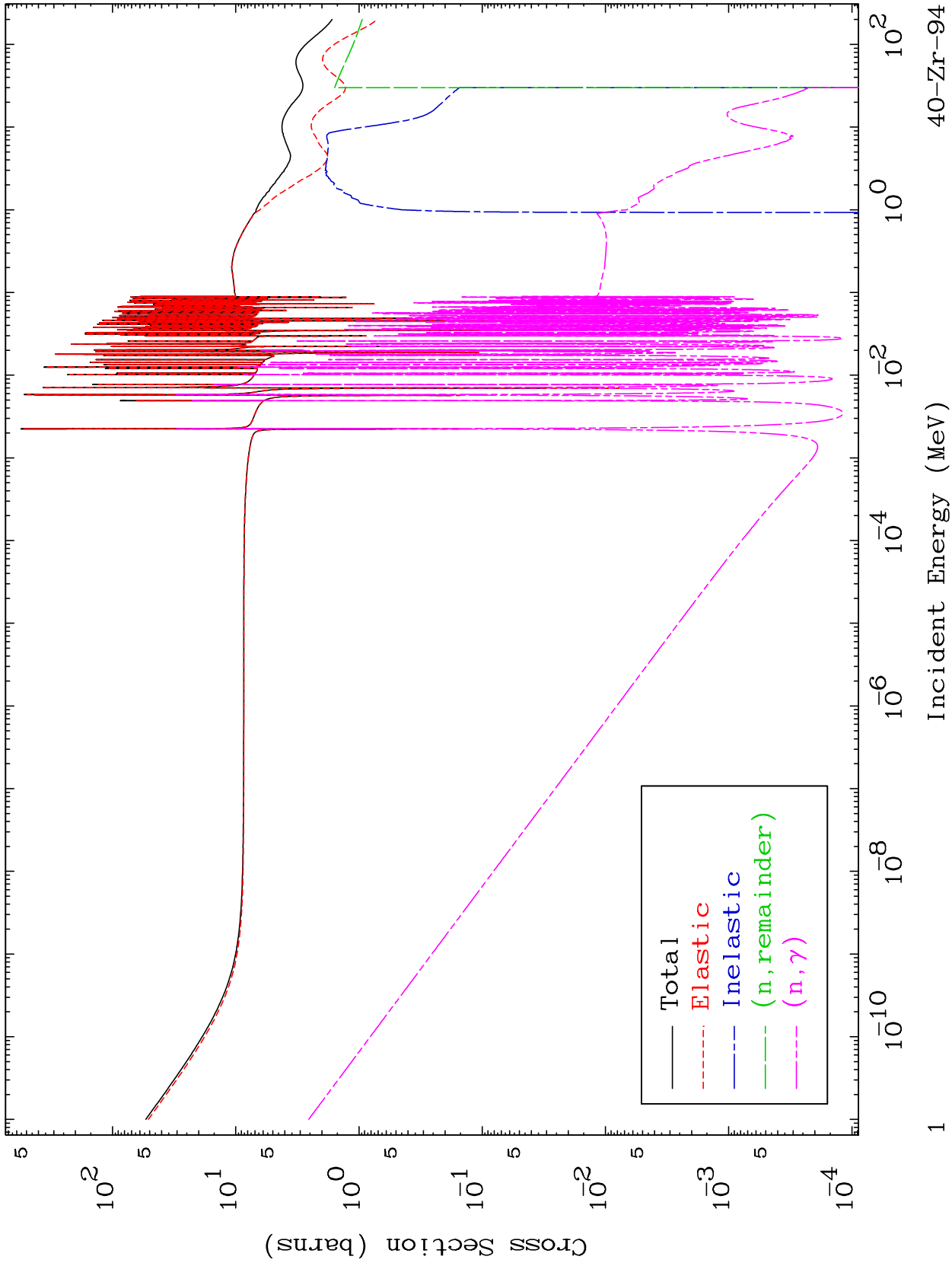
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4037

Major
293 Kelvin Cross Sections

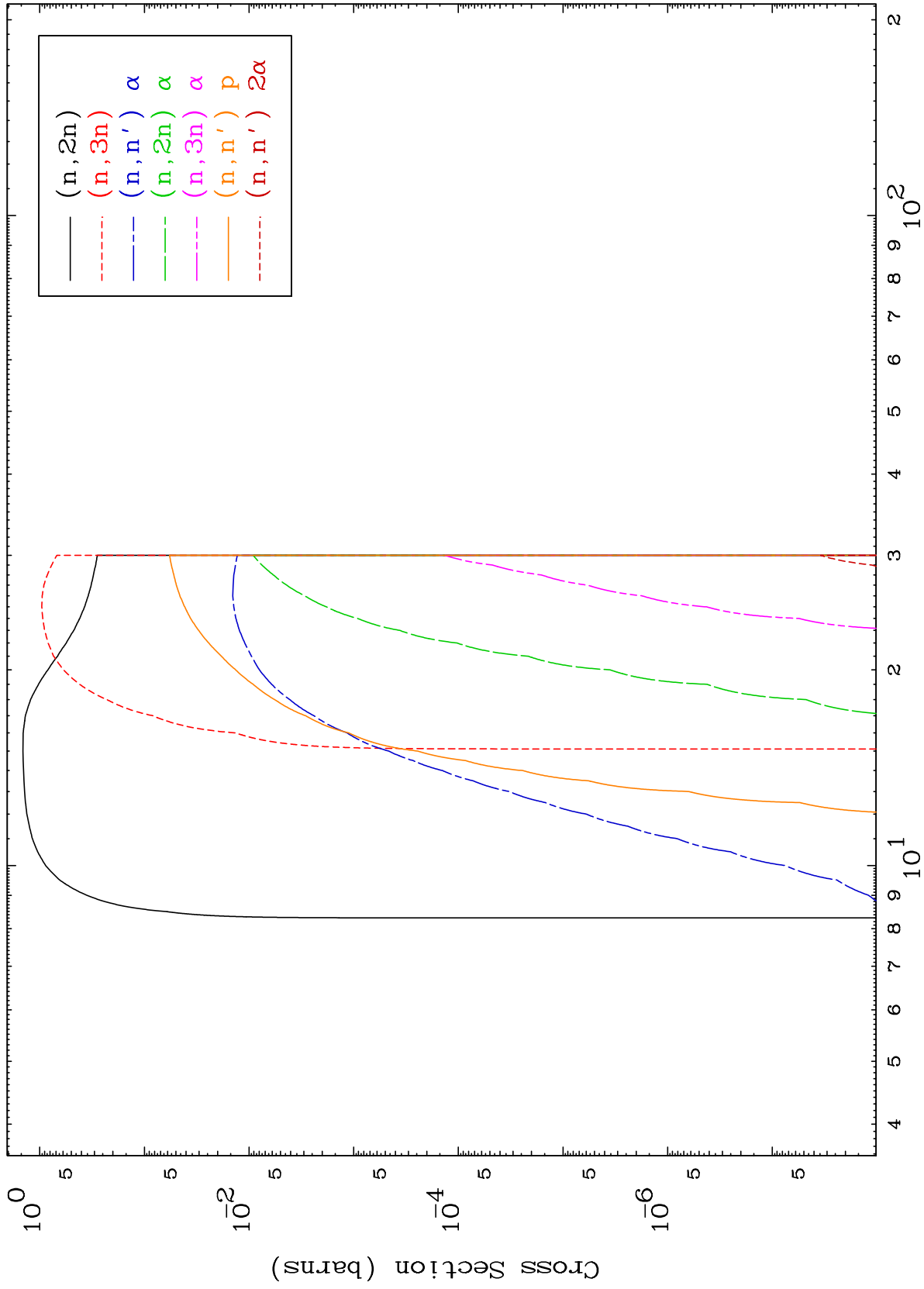
40-Zr-94



MAT 4037

Neutron Production
293 Kelvin Cross Sections

40-Zr-94



2

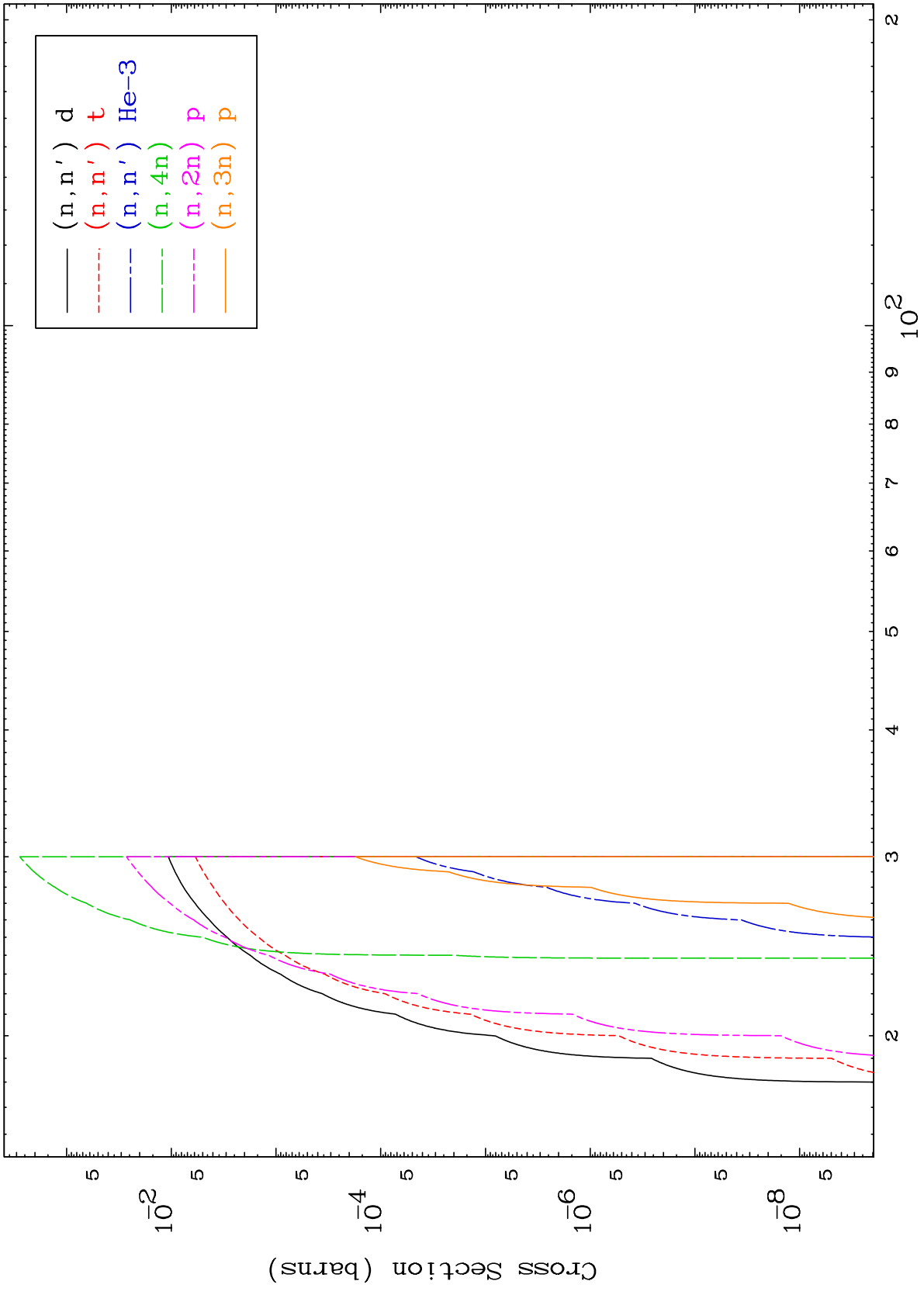
Incident Energy (MeV)

40-Zr-94

MAT 4037

Neutron Production
293 Kelvin Cross Sections

40-Zr-94



3

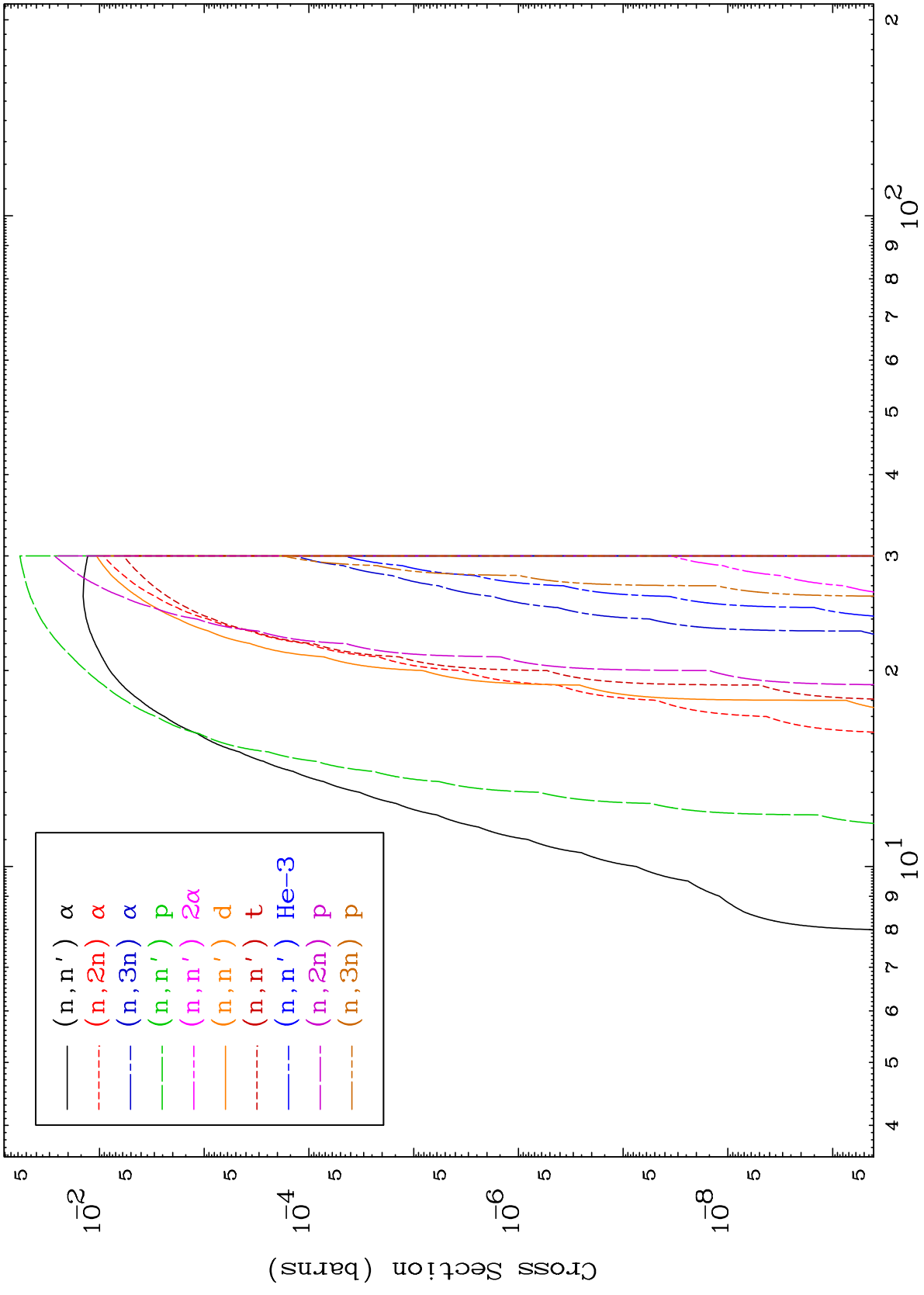
Incident Energy (MeV)

40-Zr-94

MAT 4037

Charged Particle
293 Kelvin Cross Sections

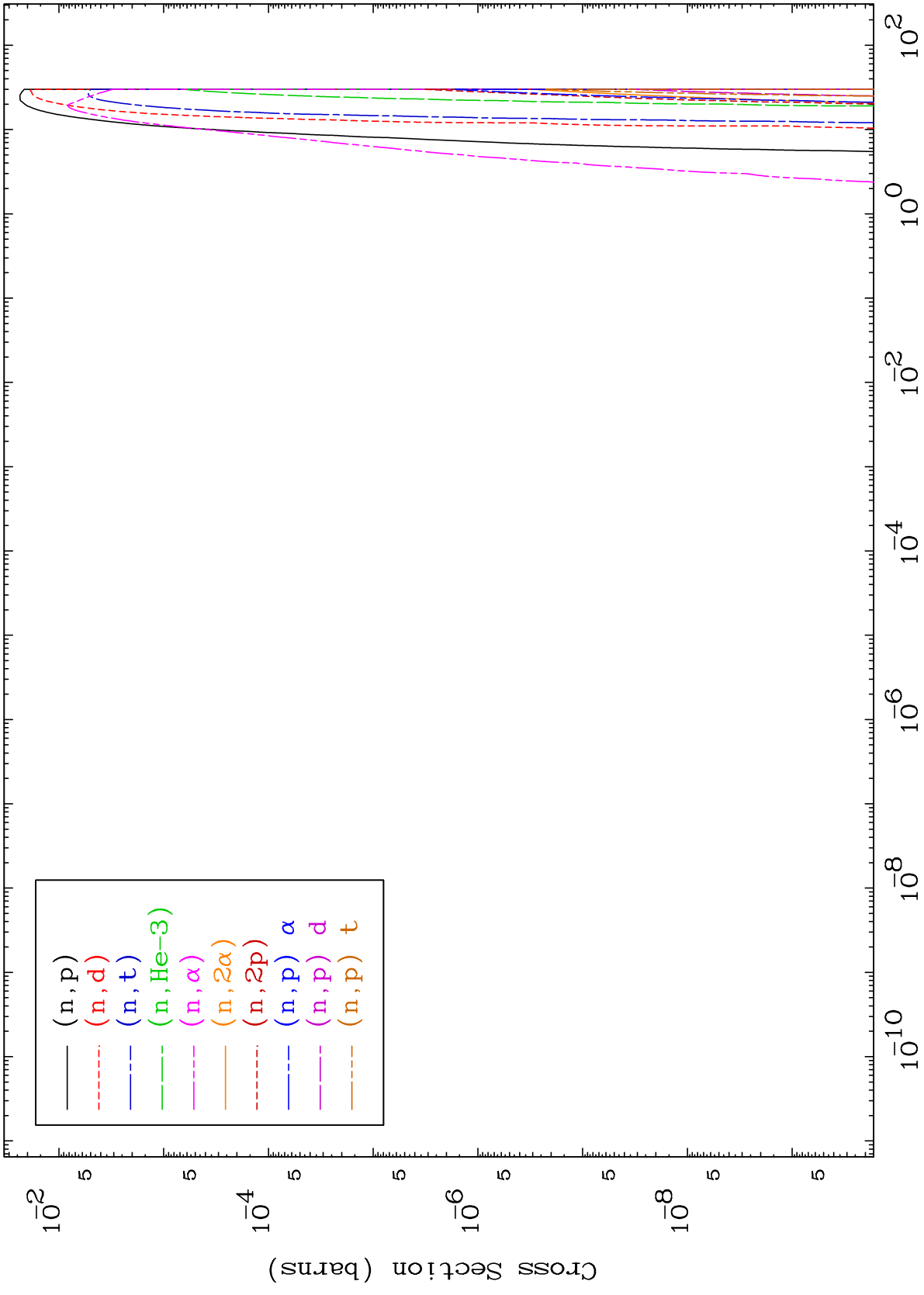
40-Zr-94



MAT 4037

Charged Particle
293 Kelvin Cross Sections

40-Zr-94

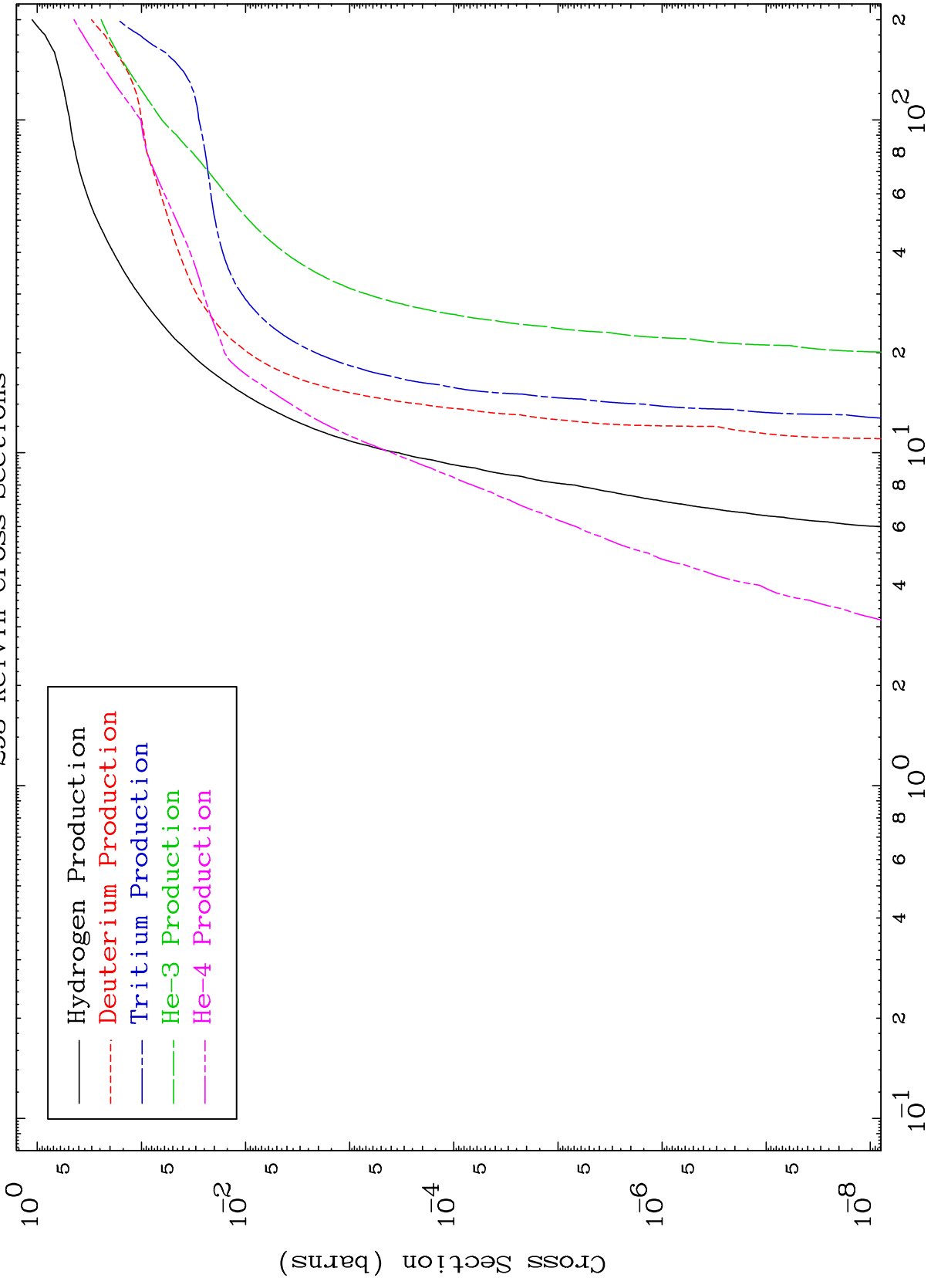


40-Zr-94

MAT 4037

Particle Production
293 Kelvin Cross Sections

40-Zr-94



40-Zr-94

Incident Energy (MeV)

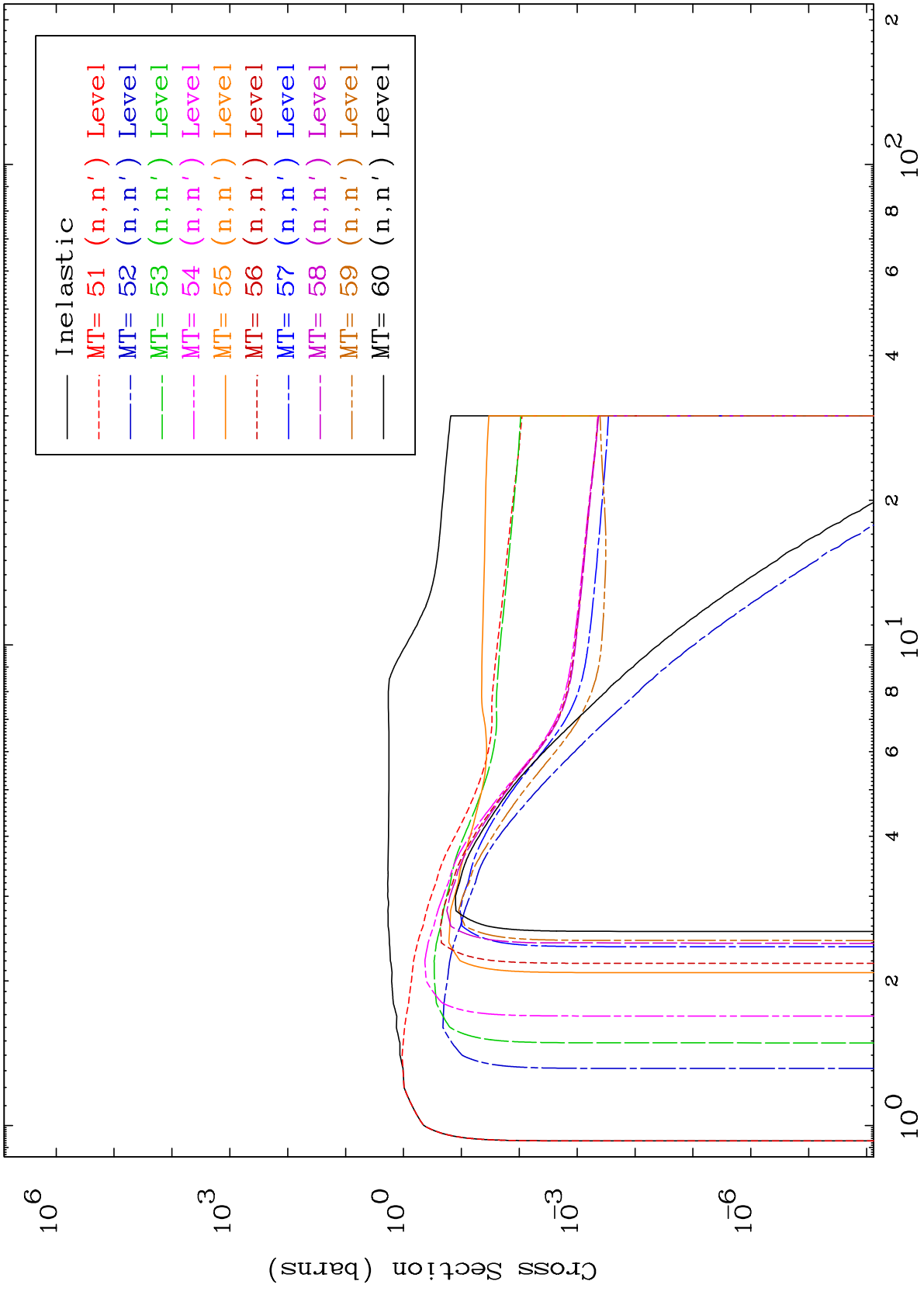
6

MAT 4037

(n,n') Level

40-Zr-94

293 Kelvin Cross Sections



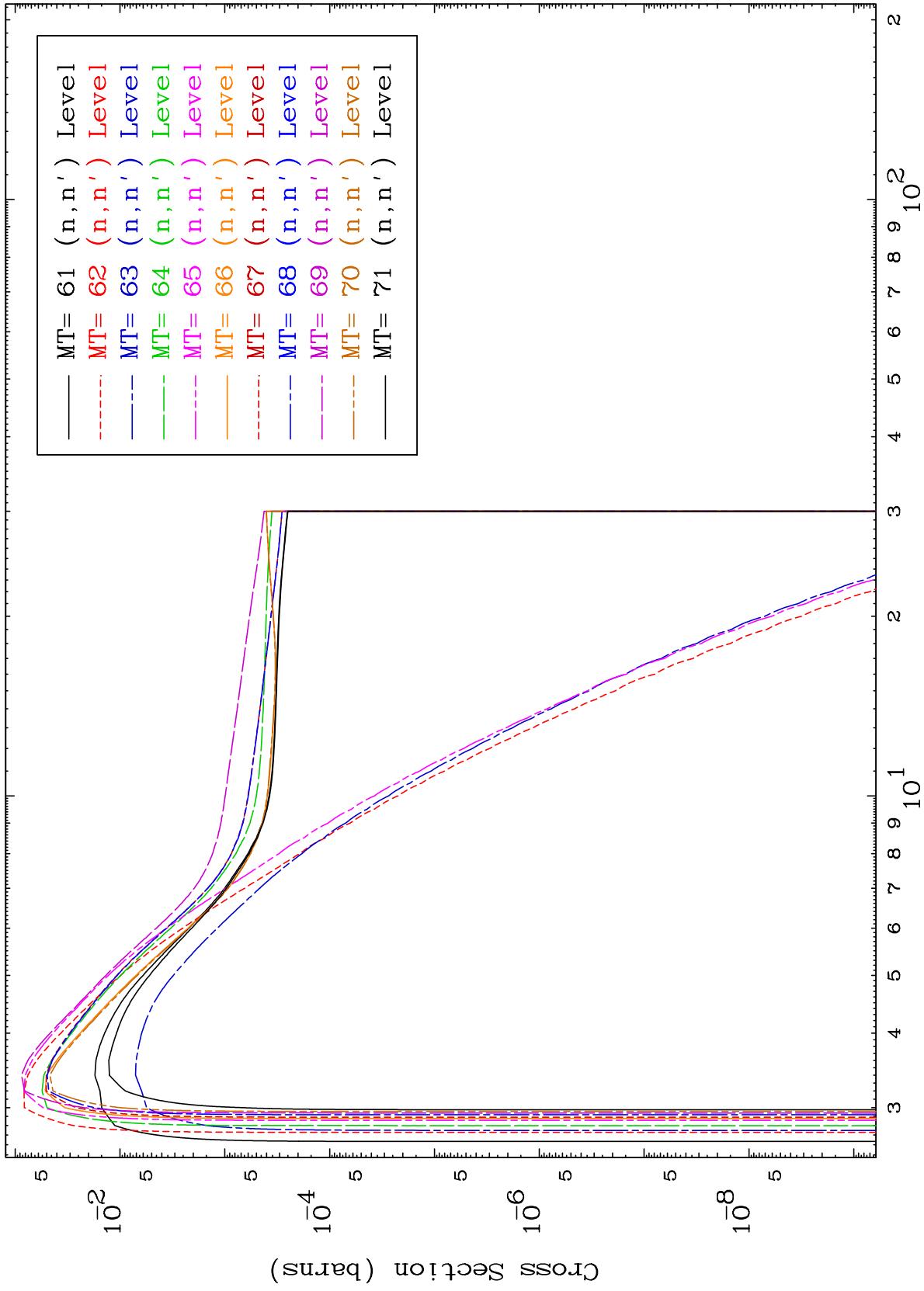
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,n') Level
293 Kelvin Cross Sections

40-Zr-94



8

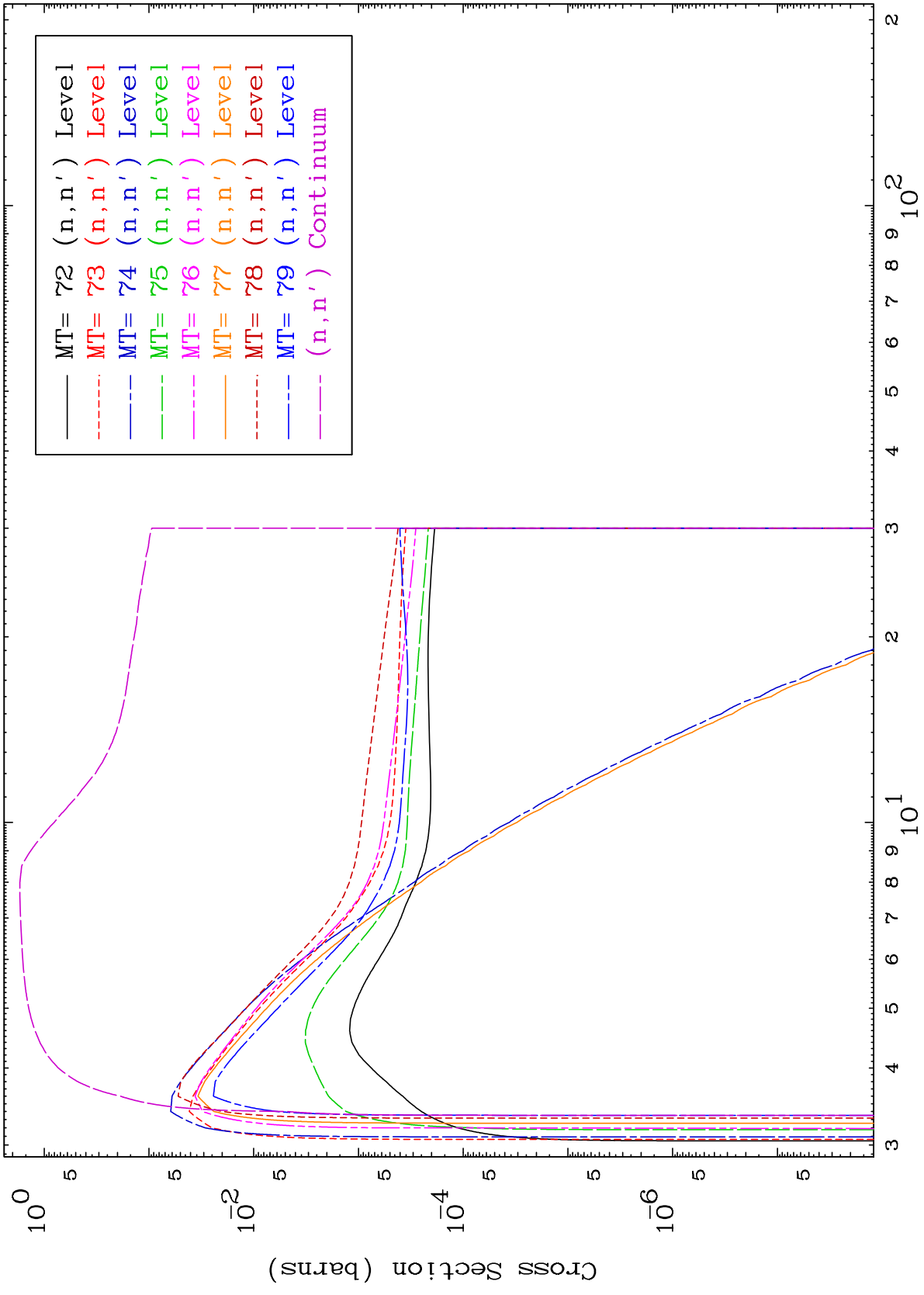
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,n') Level
293 Kelvin Cross Sections

40-Zr-94



9

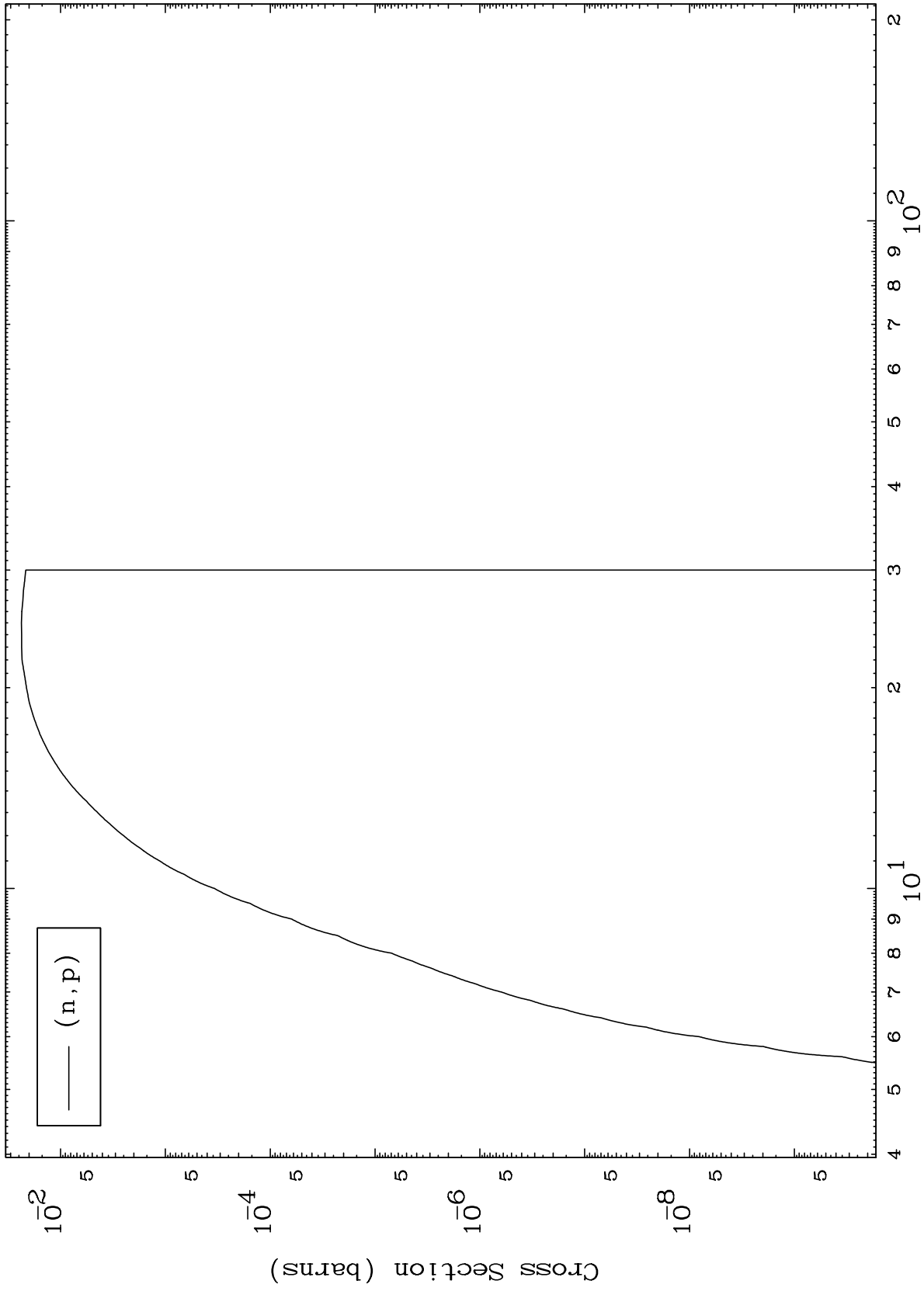
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-94



10

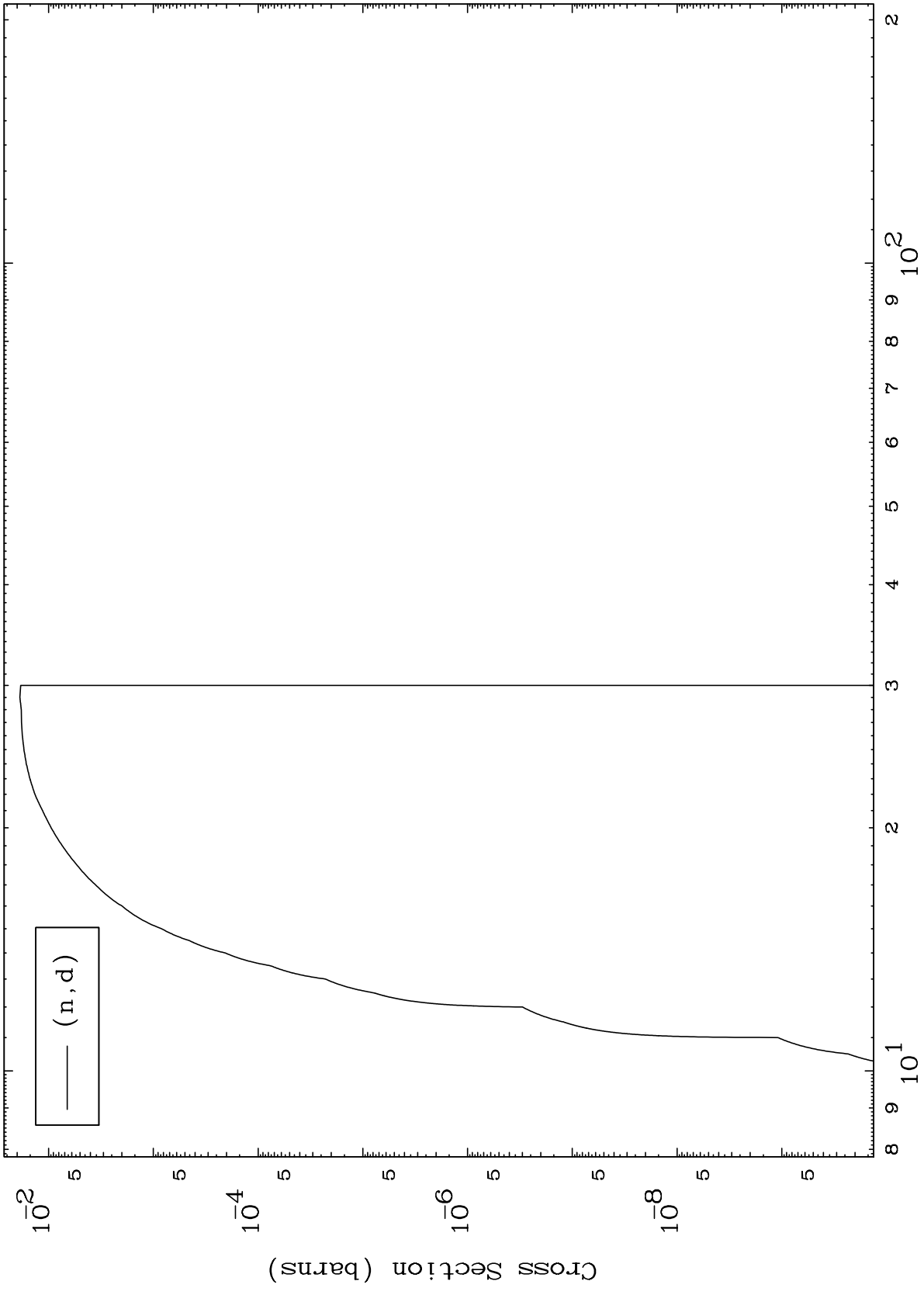
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-94



11

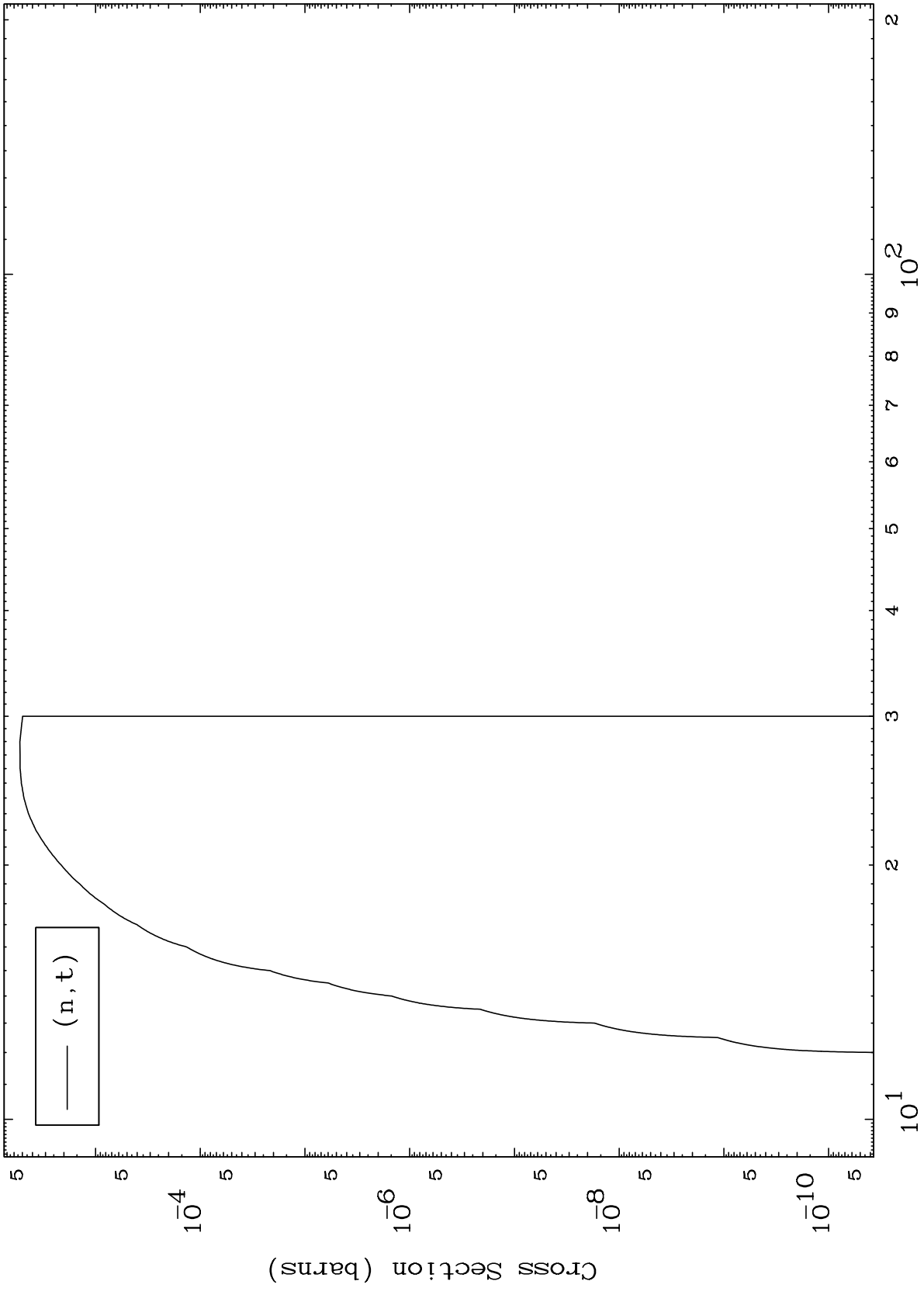
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-94



(n,t)

12

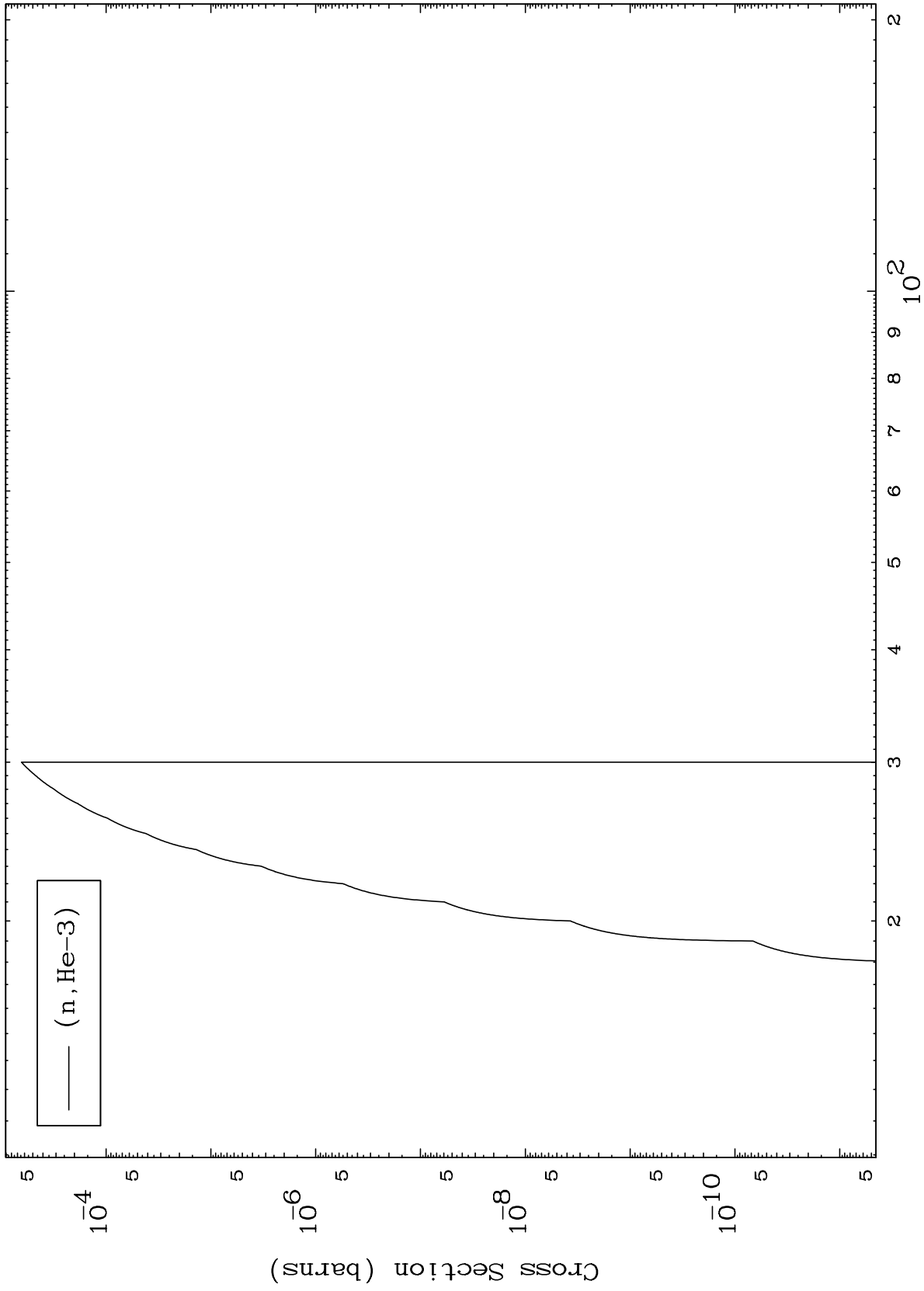
Incident Energy (MeV)

40-Zr-94

MAT 4037

(n,He3) Levels
293 Kelvin Cross Sections

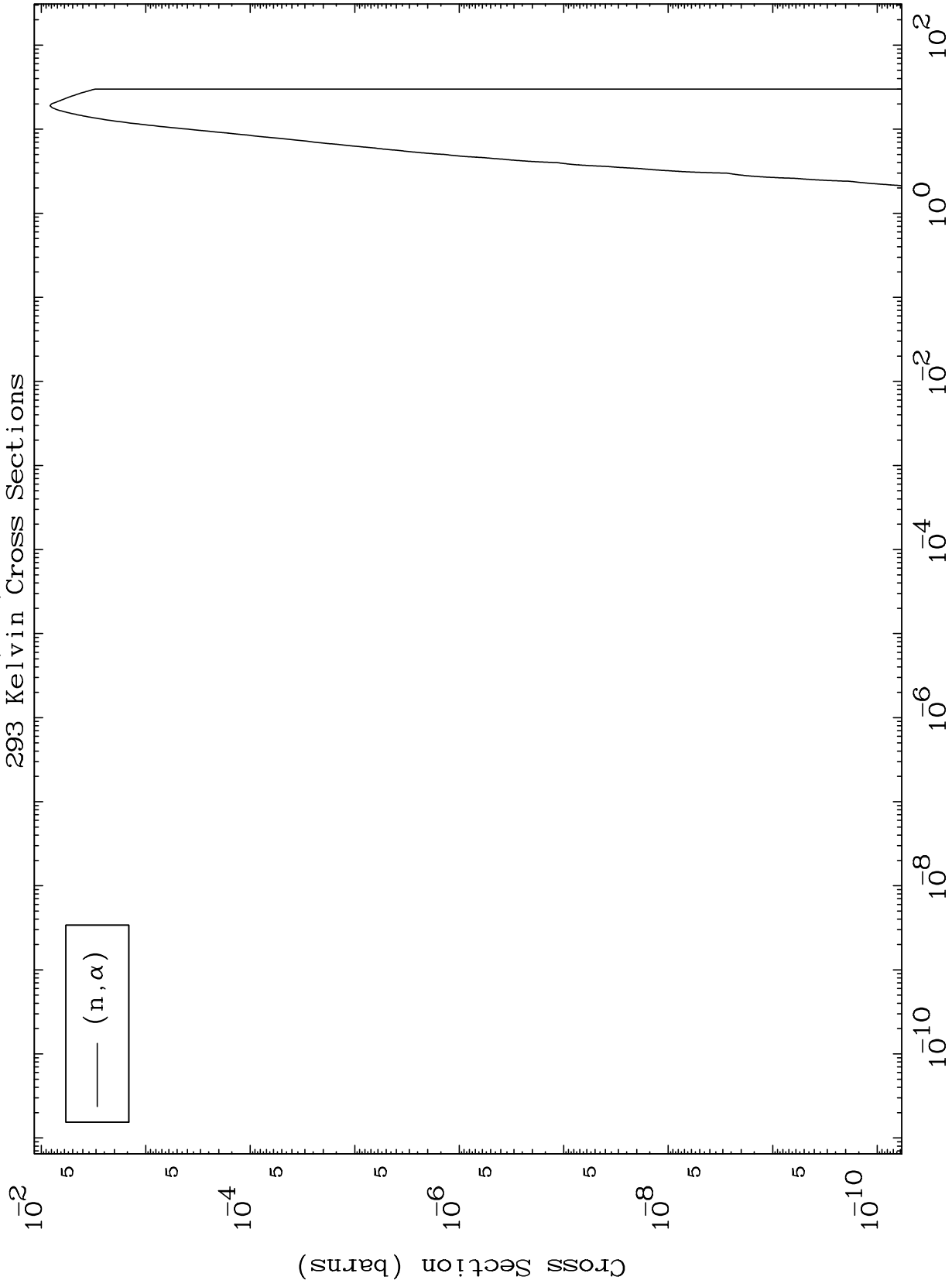
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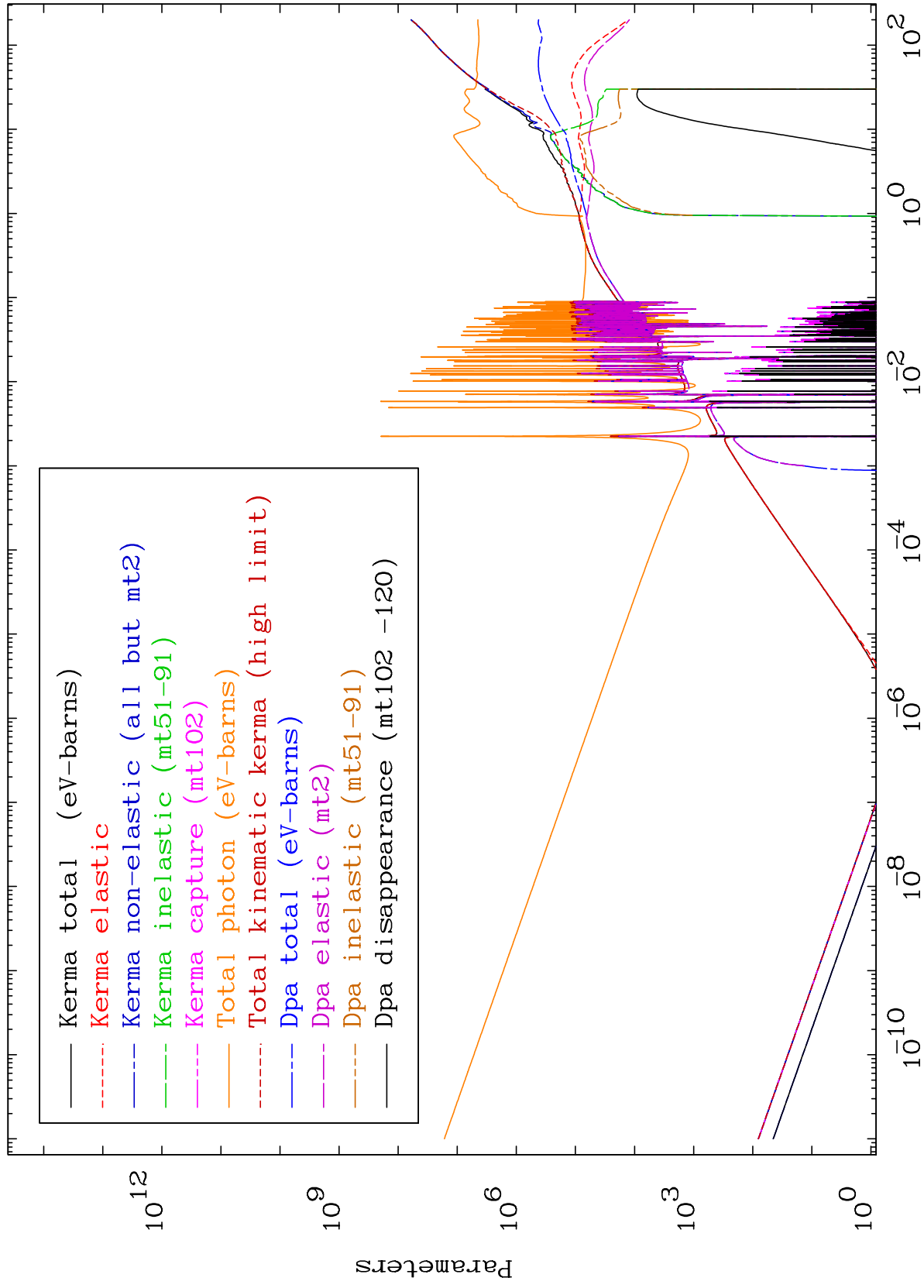


MAT 4037

(n,α) Levels
293 Kelvin Cross Sections

40-Zr-94

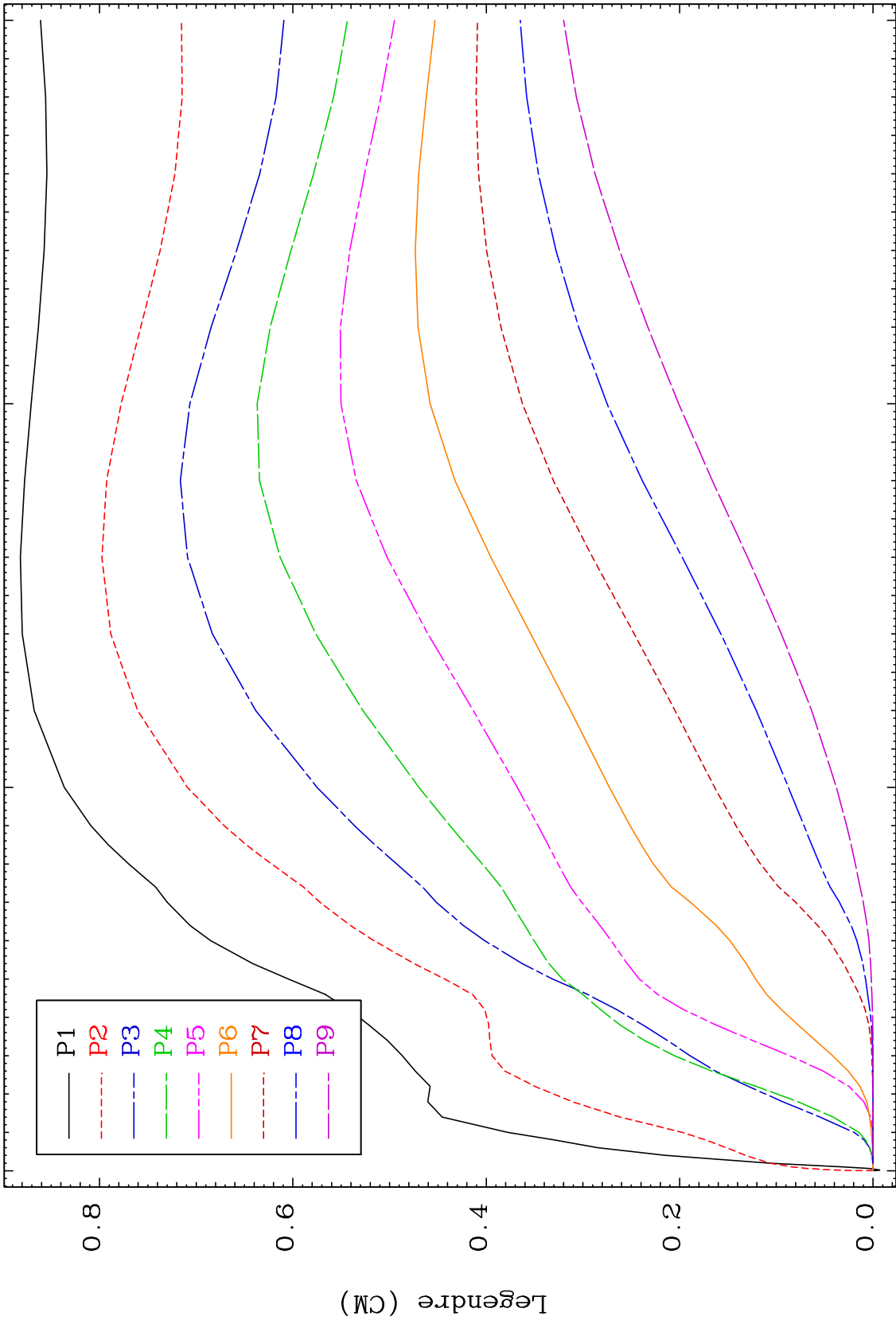




MAT 4037

Elastic Legendre Coefficients

40-Zr-94



16

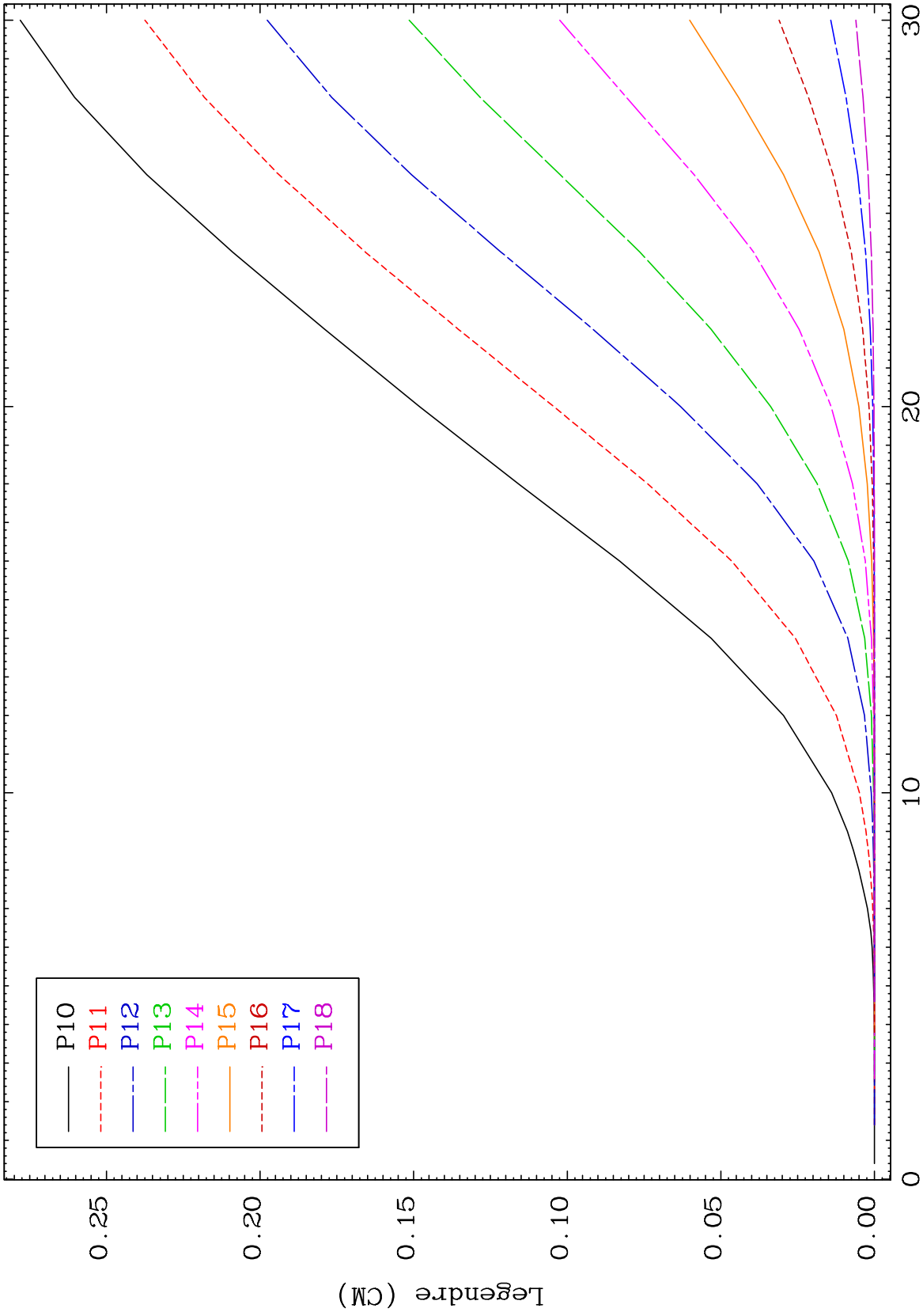
Incident Energy (MeV)

40-Zr-94

MAT 4037

Elastic Legendre Coefficients

40-Zr-94



17

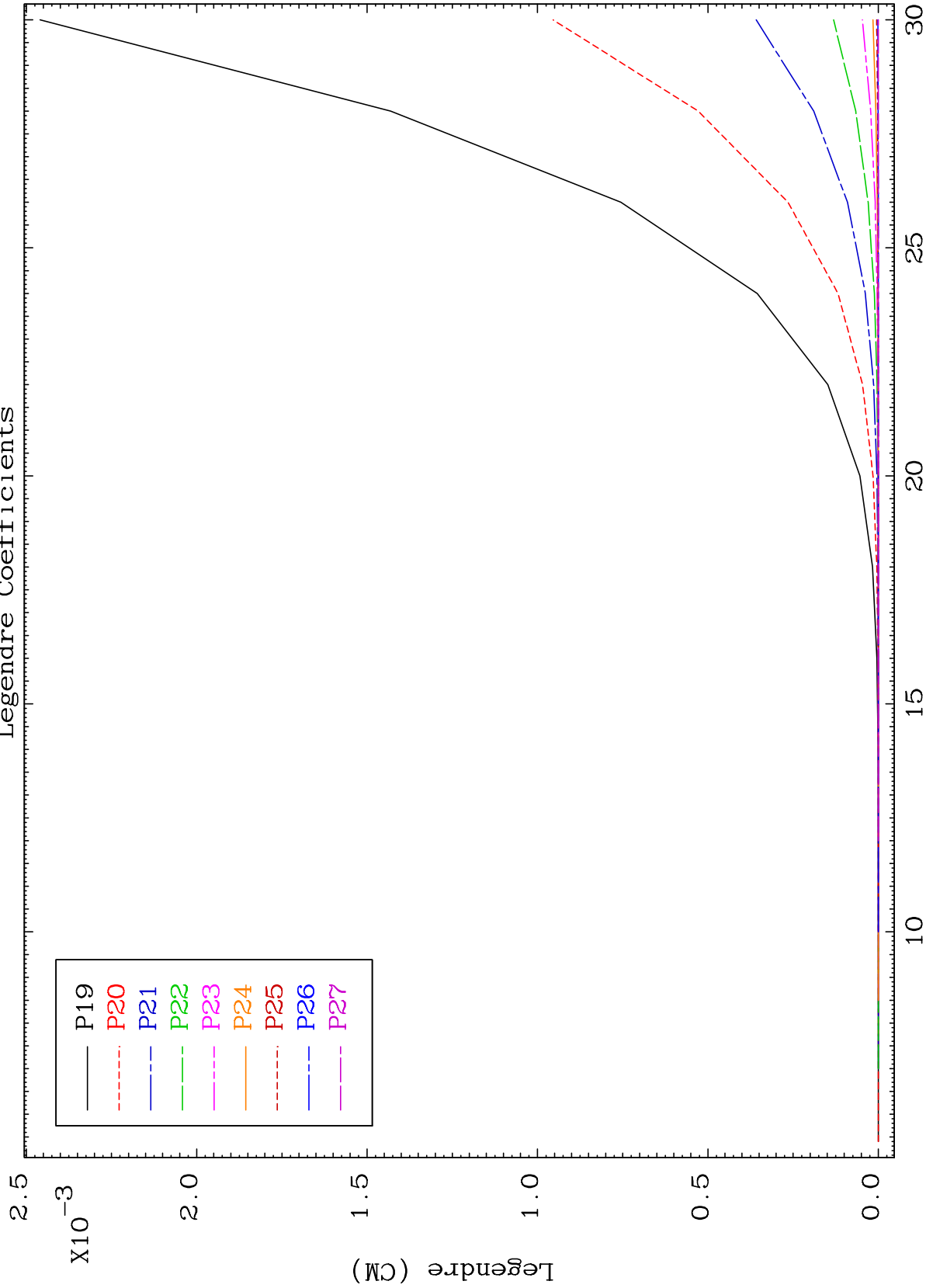
Incident Energy (MeV)

40-Zr-94

MAT 4037

Elastic Legendre Coefficients

40-Zr-94



18

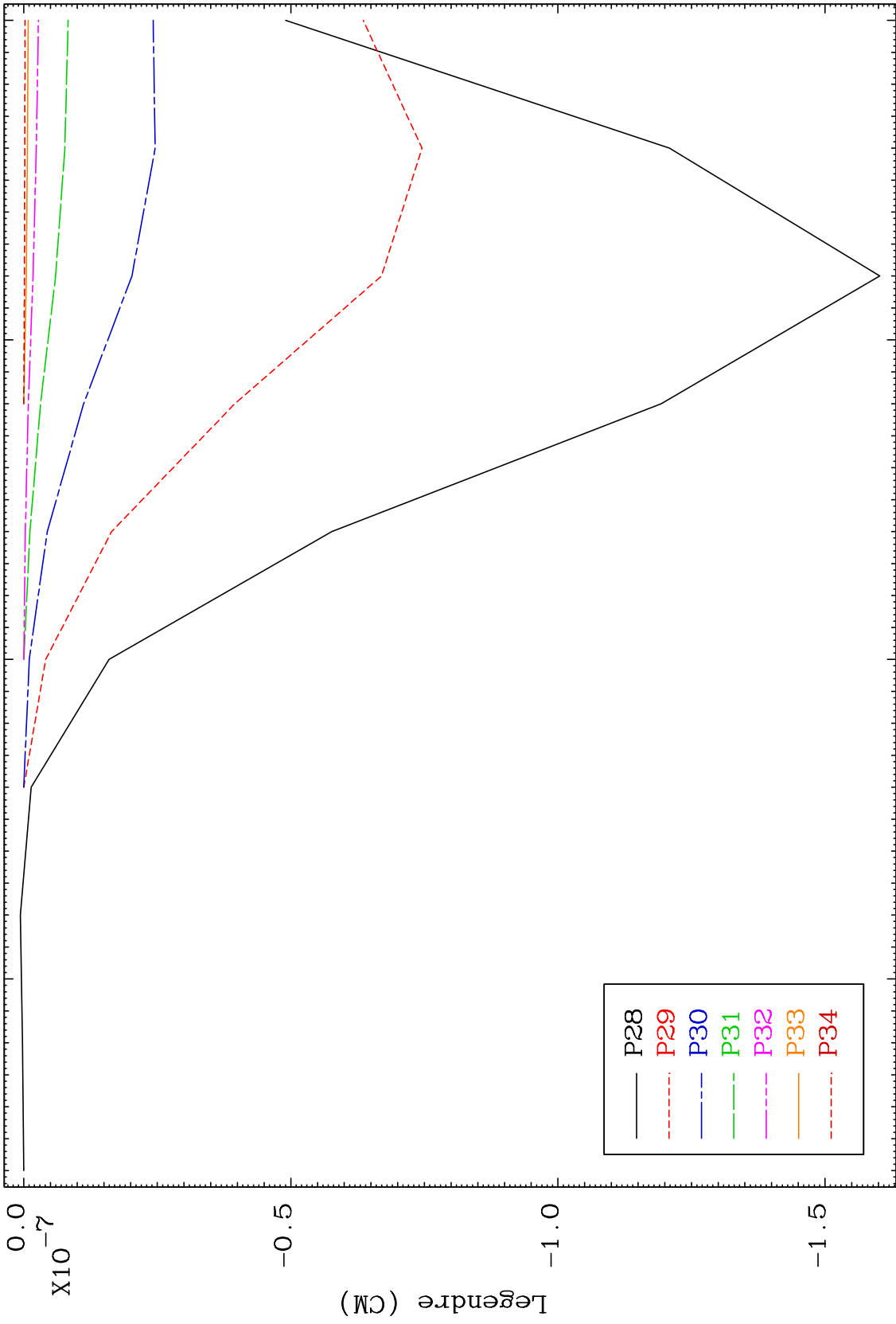
Incident Energy (MeV)

40-Zr-94

MAT 4037

40-Zr-94

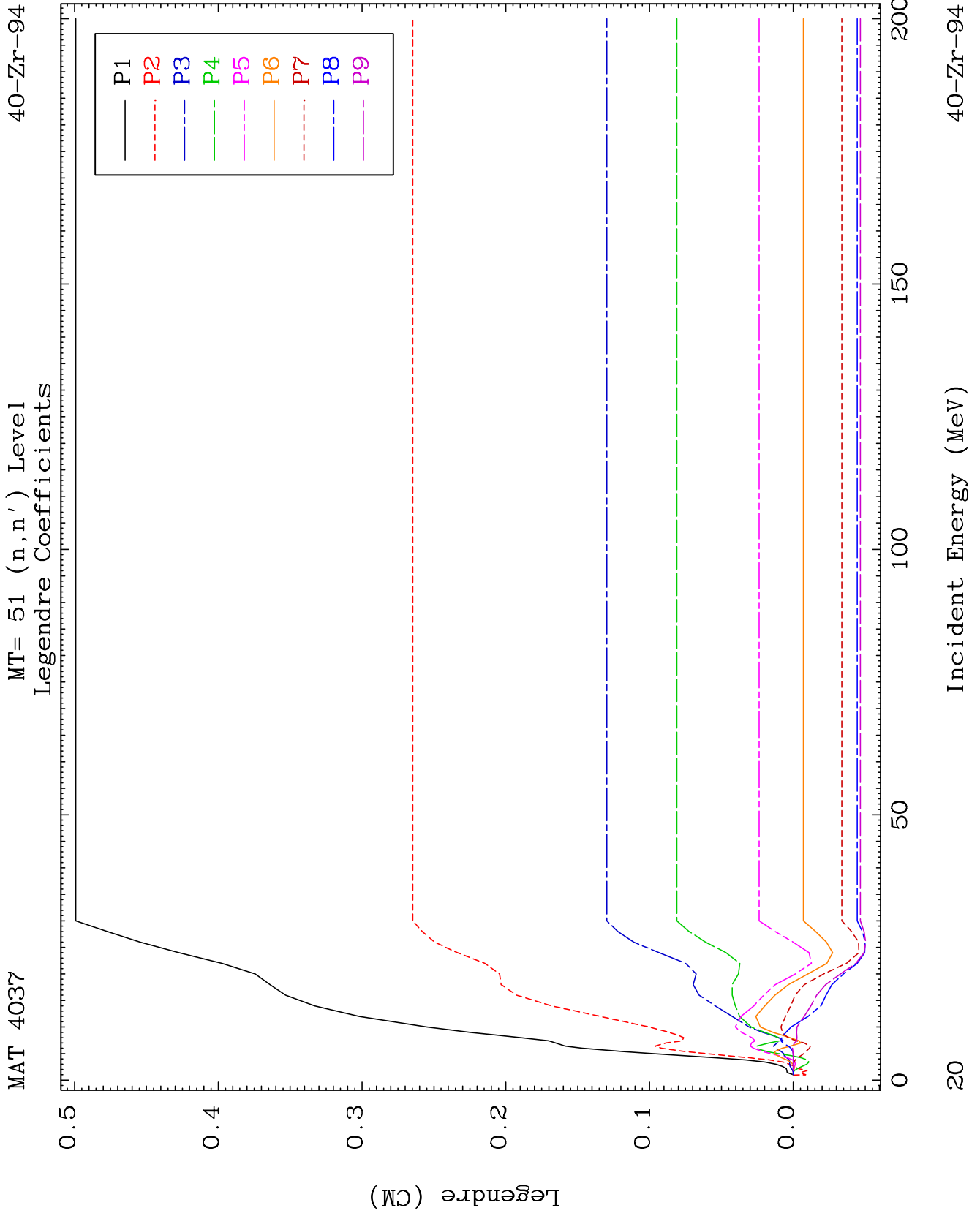
Elastic
Legendre Coefficients



19

Incident Energy (MeV)

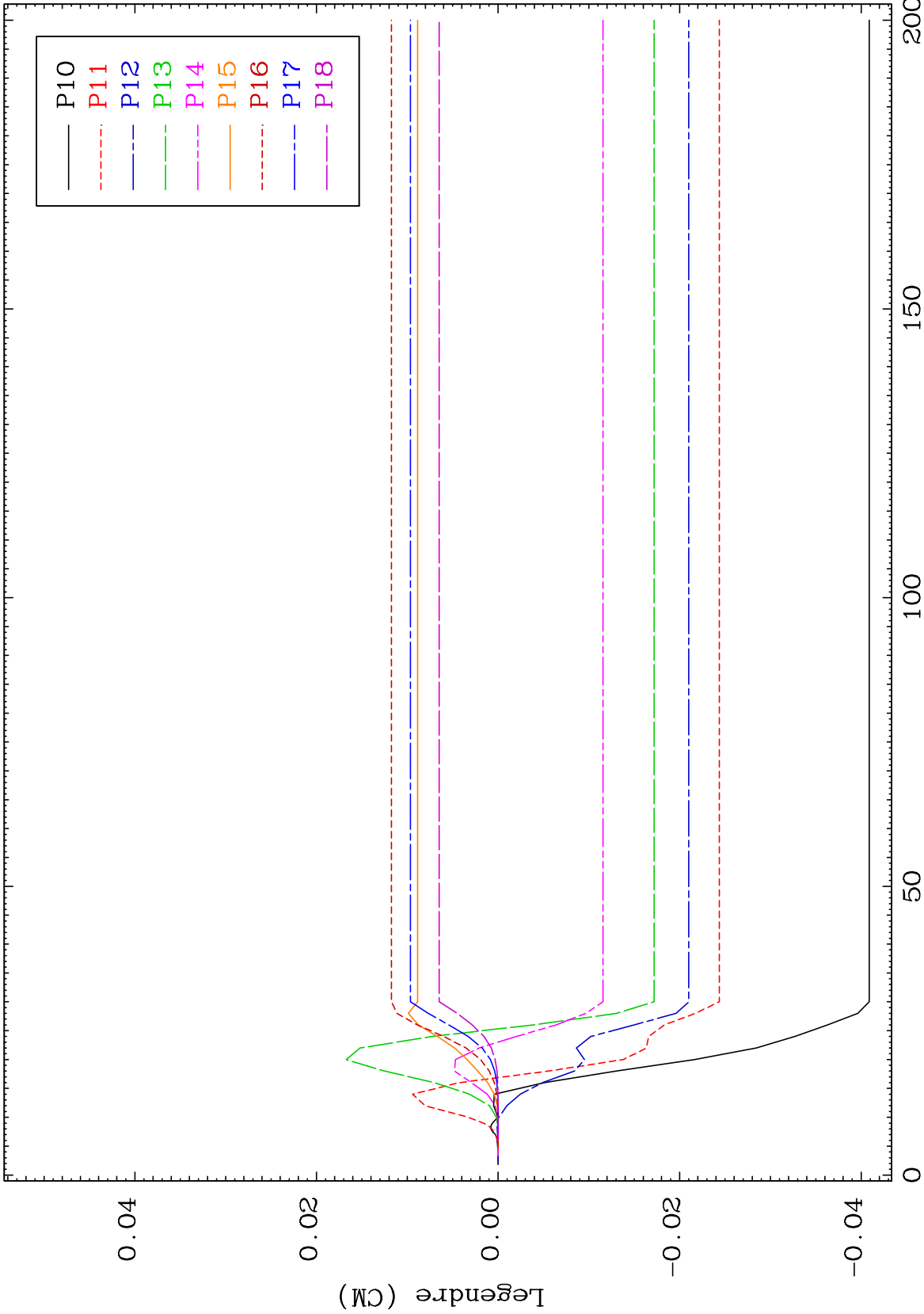
40-Zr-94



MAT 4037

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

40-Zr-94

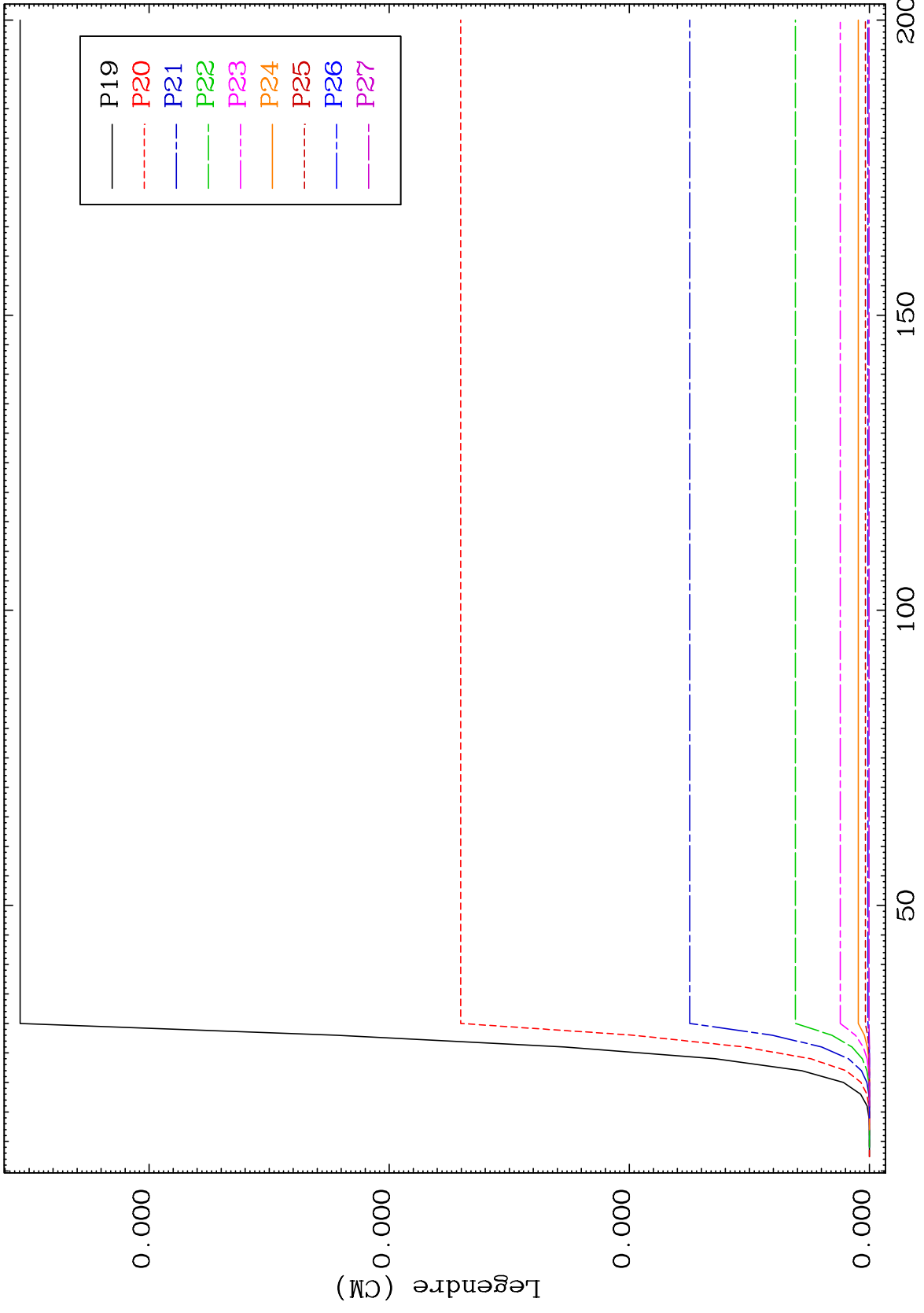


21

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-94

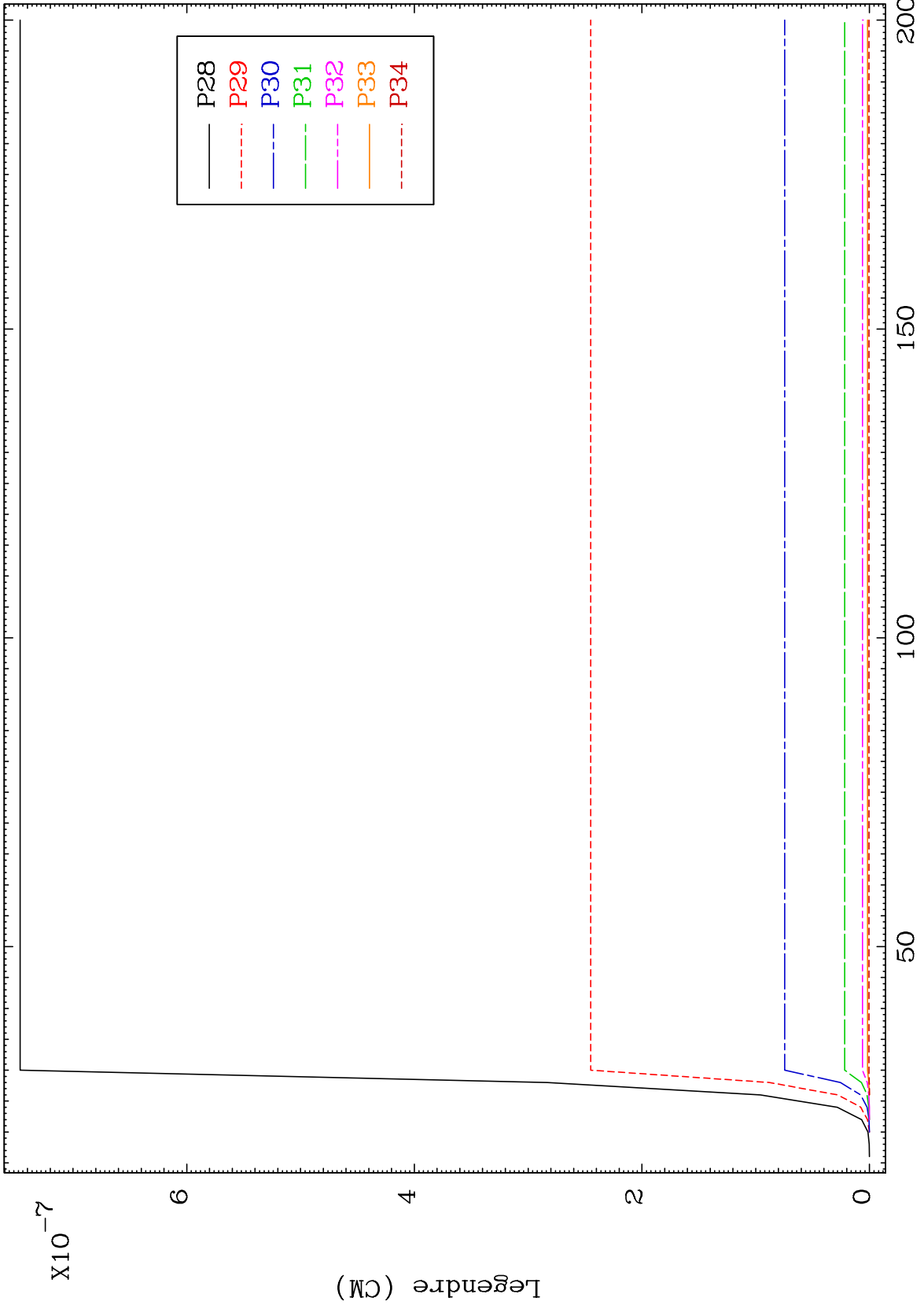


22 40-Zr-94

MAT 4037

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

40-Zr-94

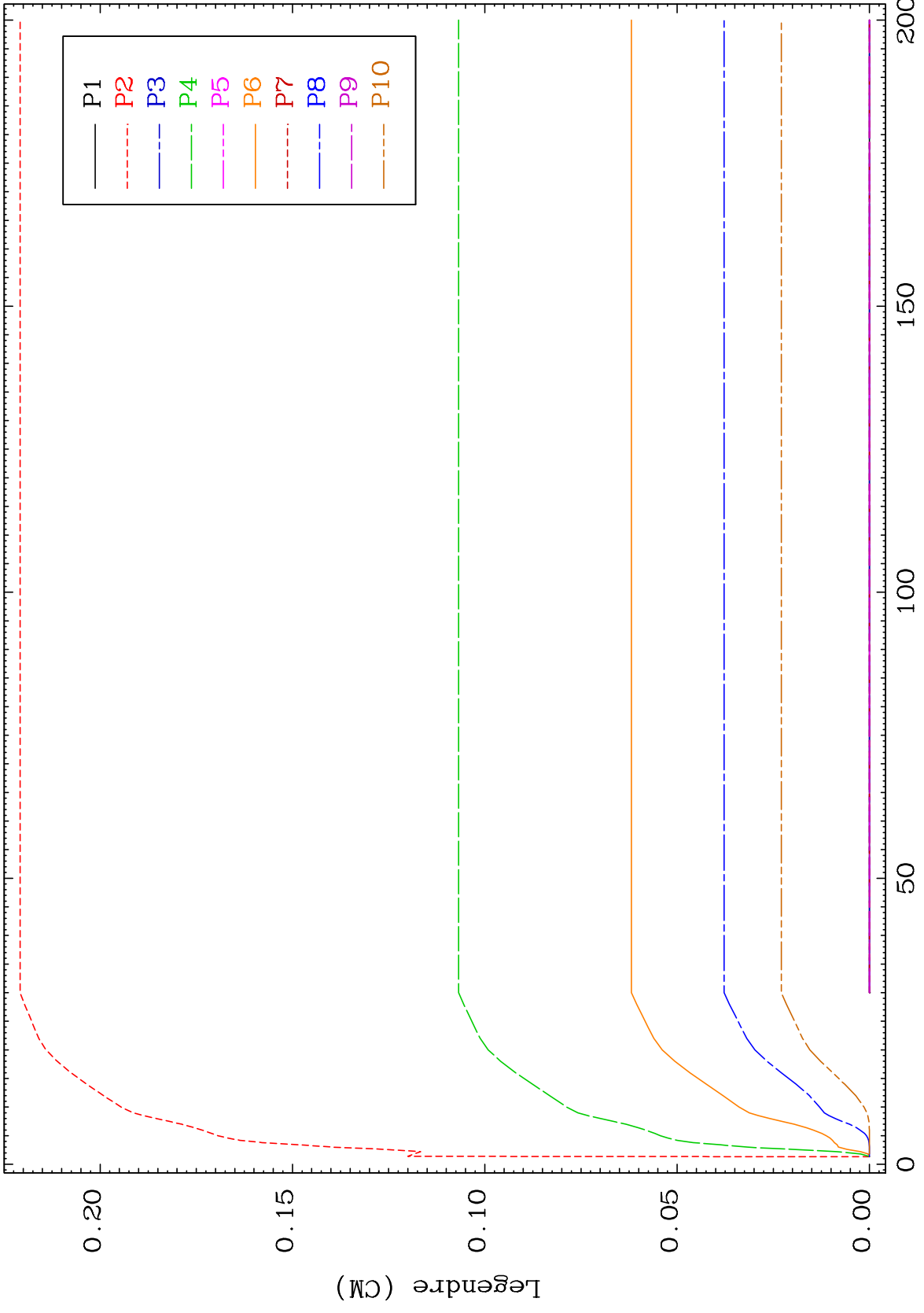


23

Incident Energy (MeV)

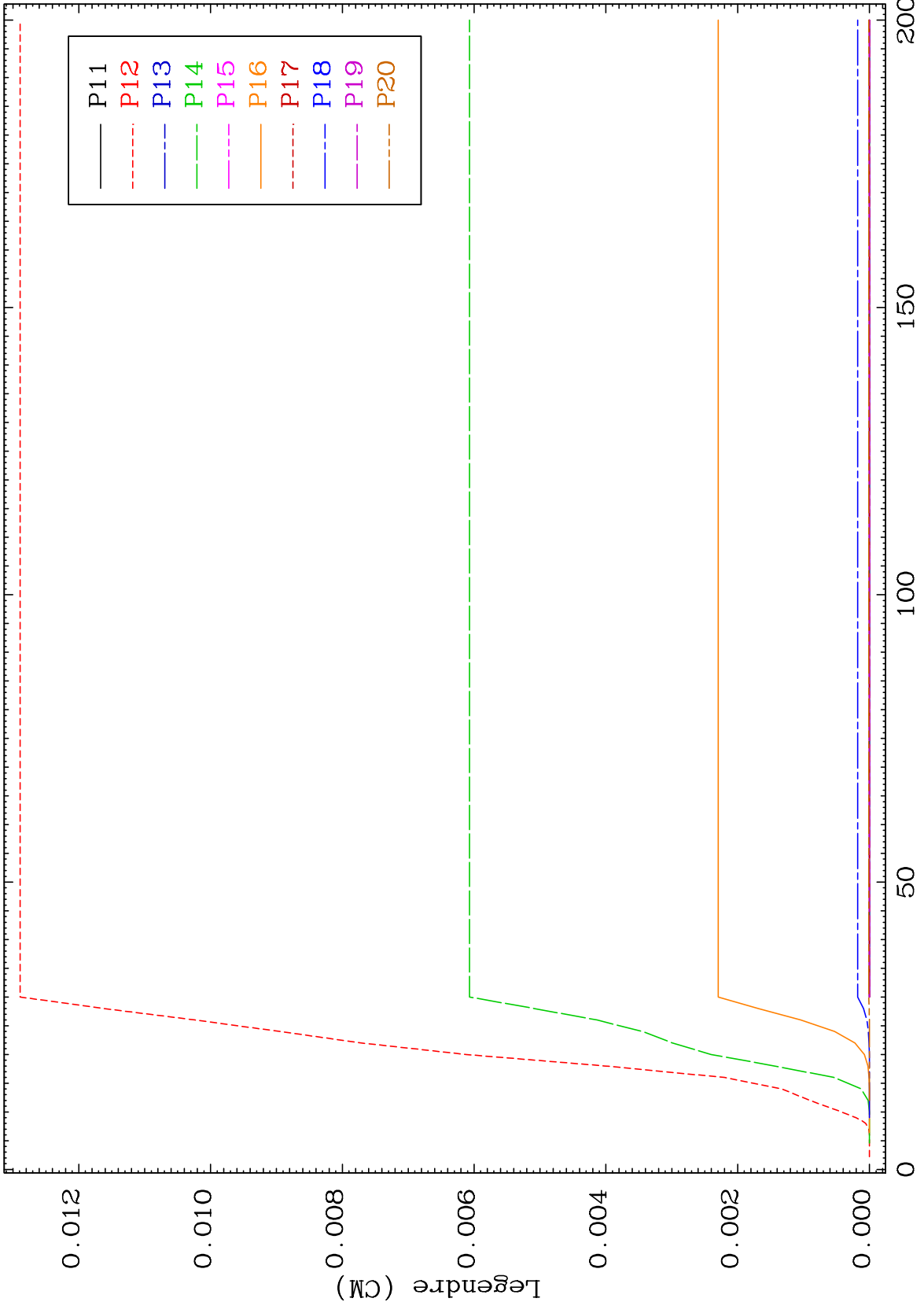
40-Zr-94

MAT 4037 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-94



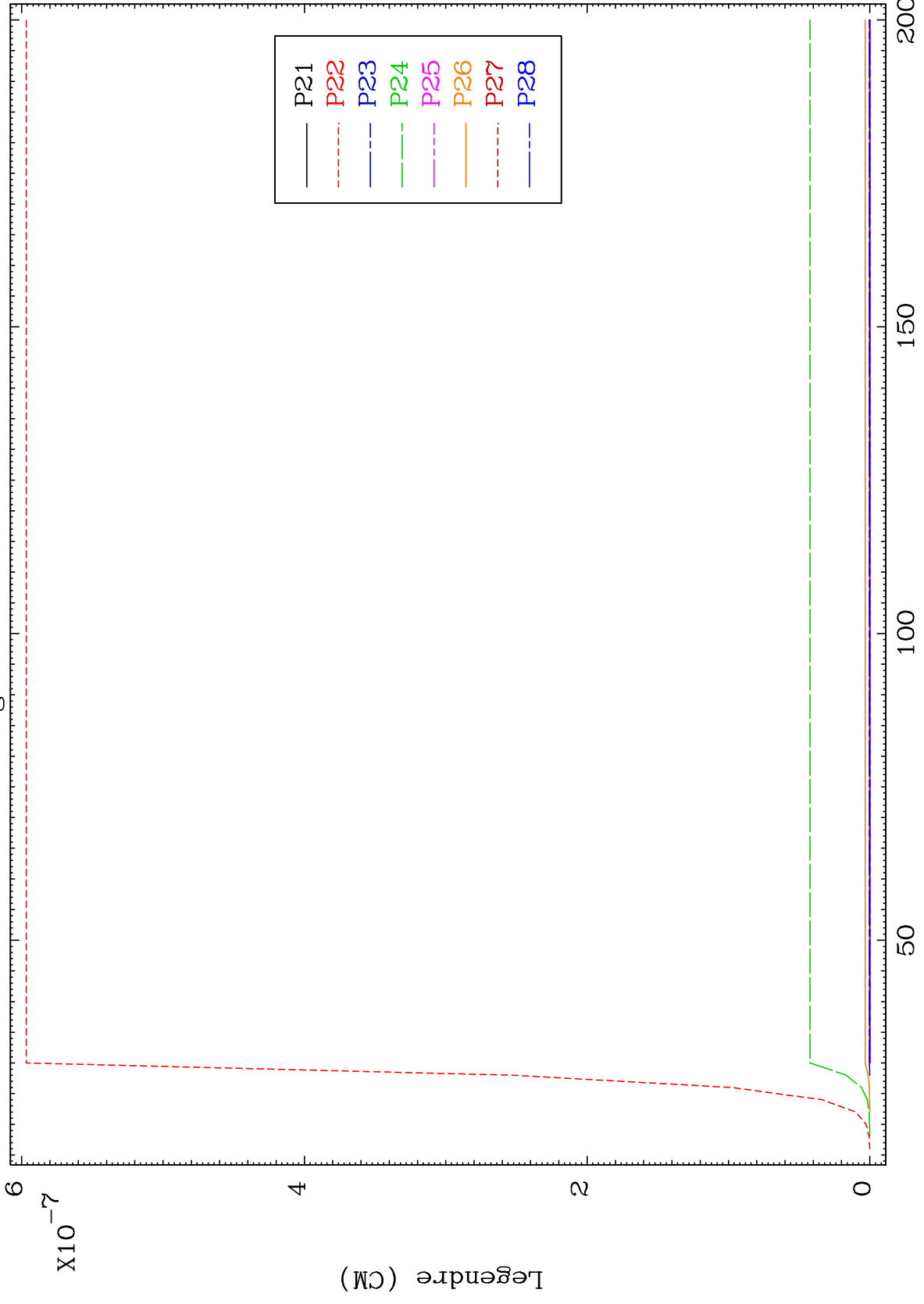
24 Incident Energy (MeV) 40-Zr-94

MAT 4037 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-94

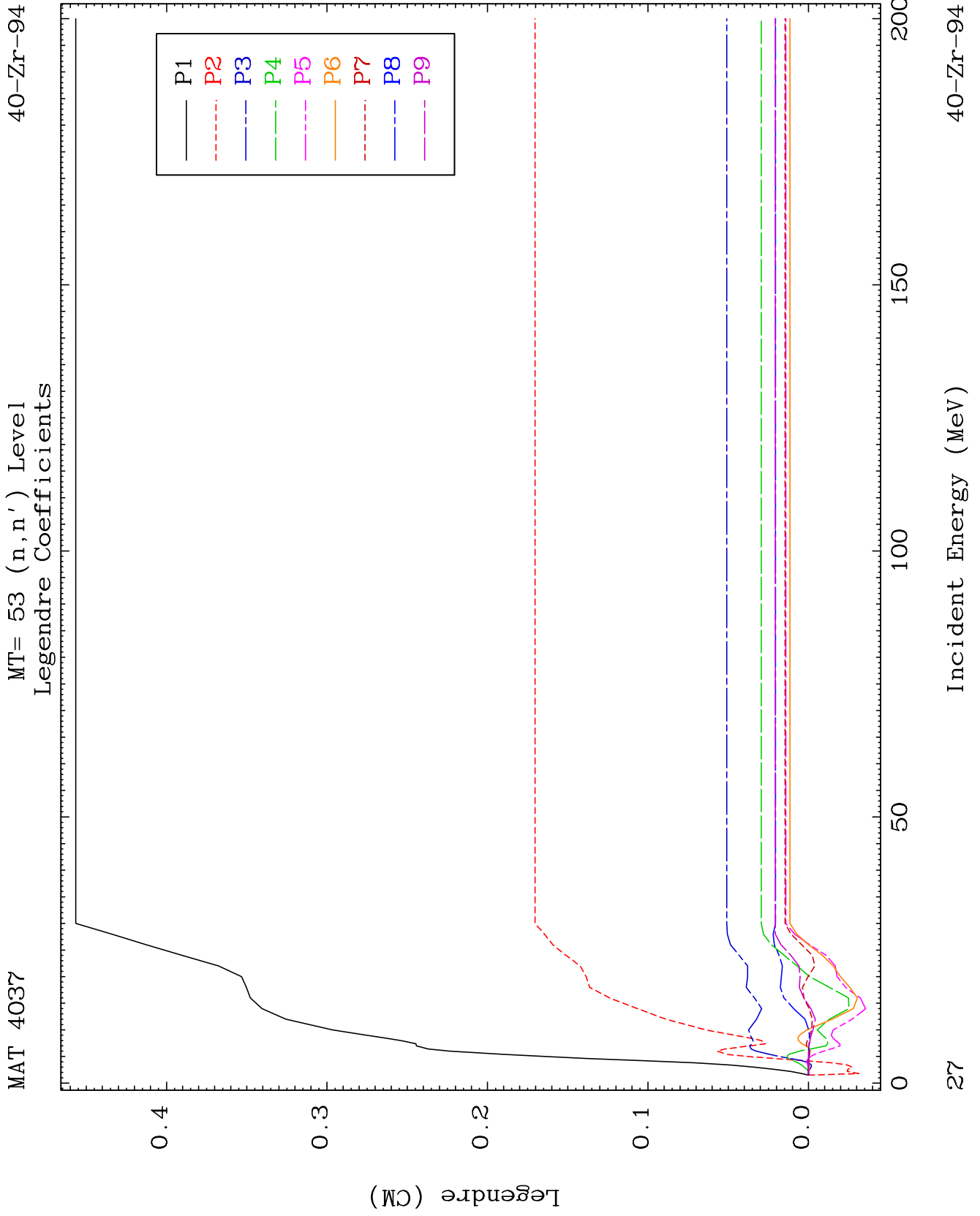


40-Zr-94

MAT 4037 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-94



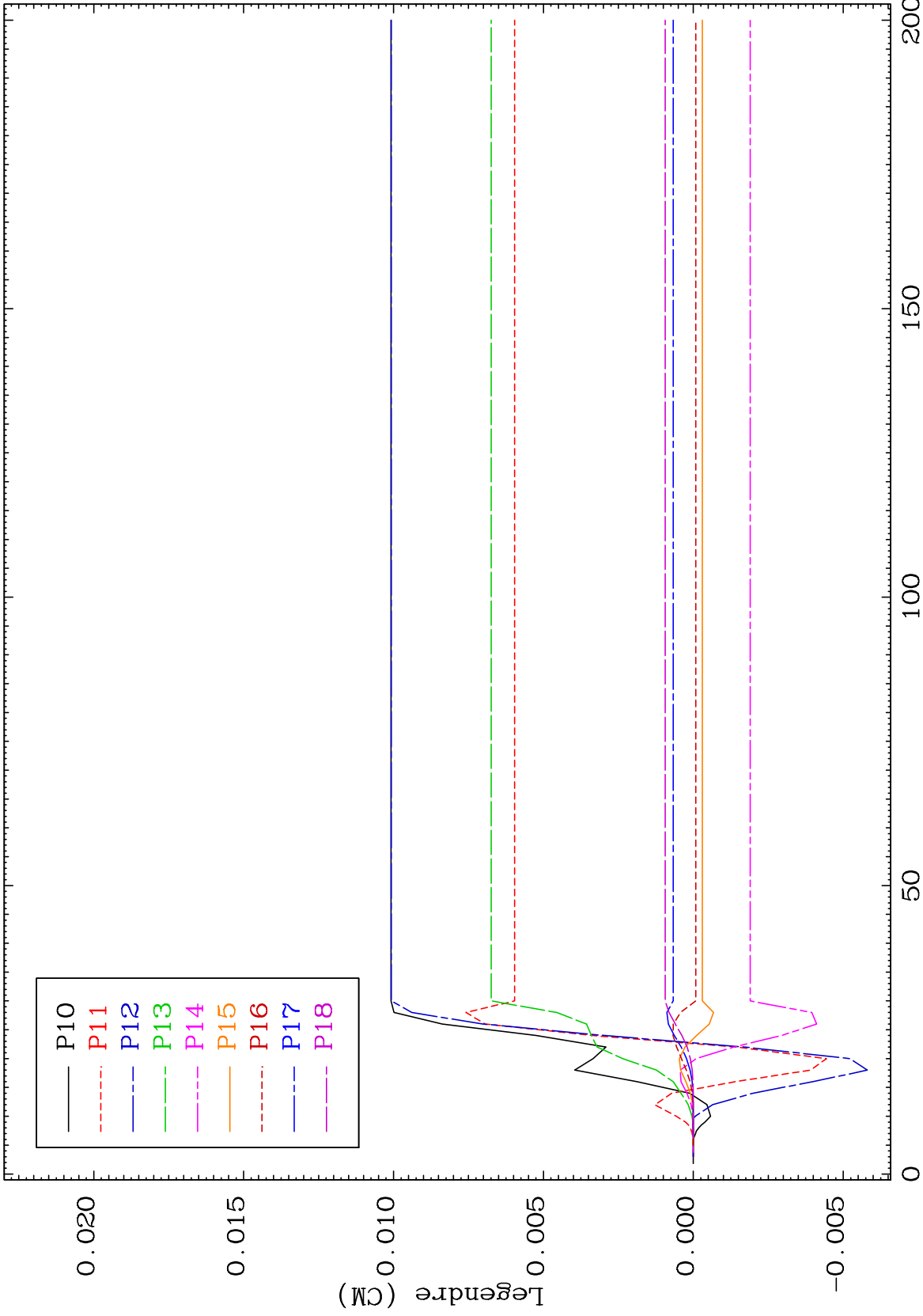
26 50 100 150 200 40-Zr-94



MAT 4037

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

40-Zr-94



28

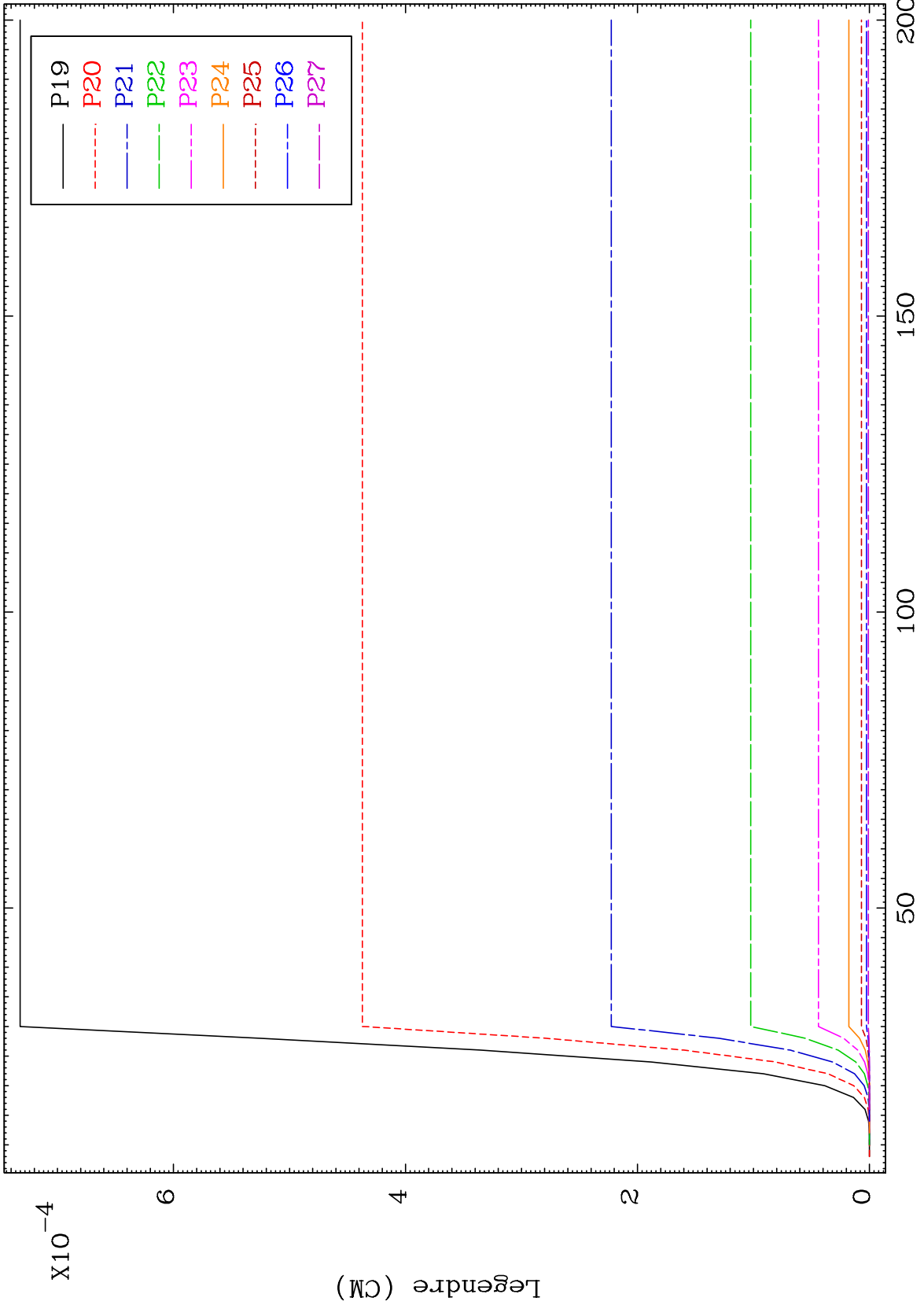
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



29

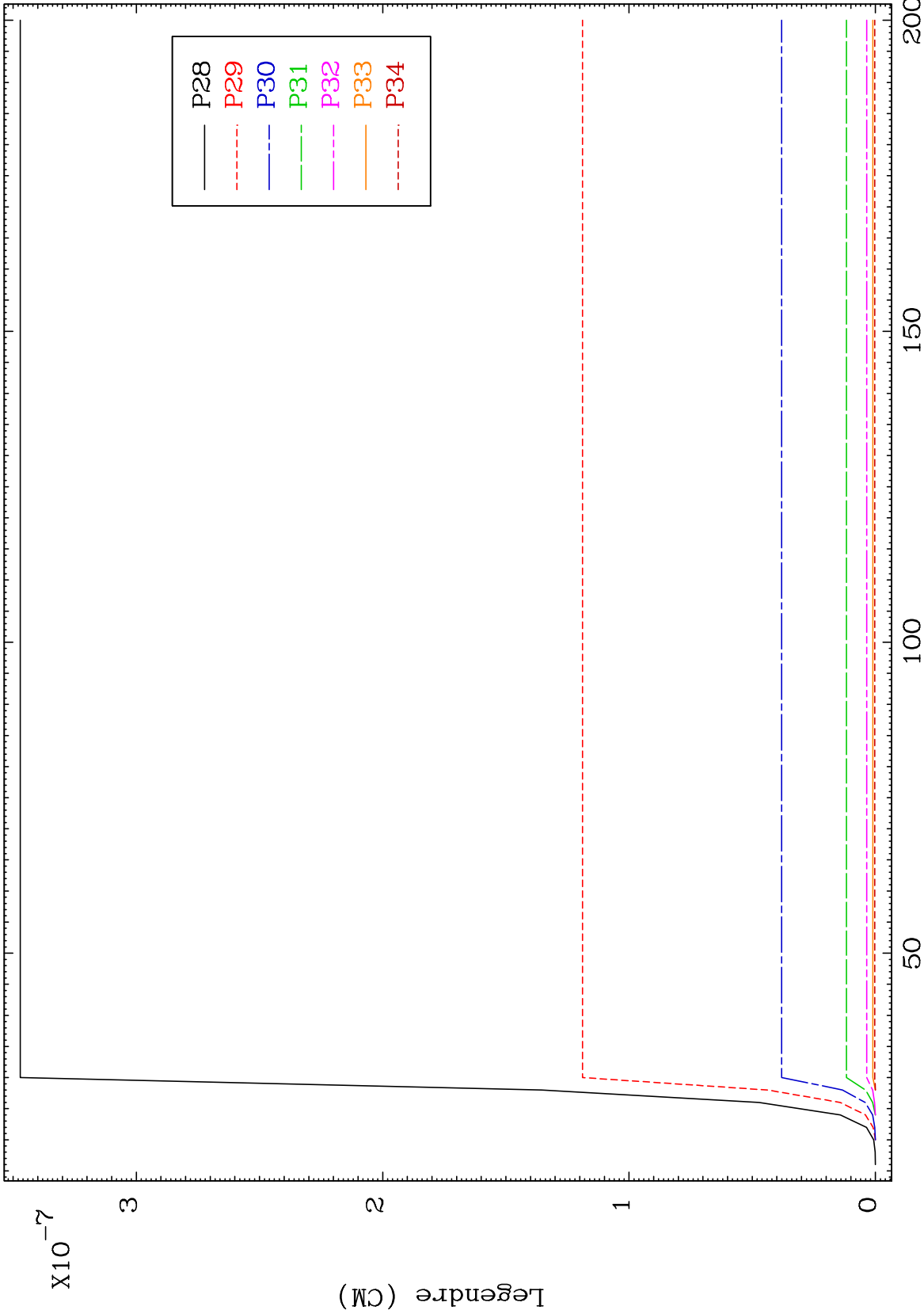
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

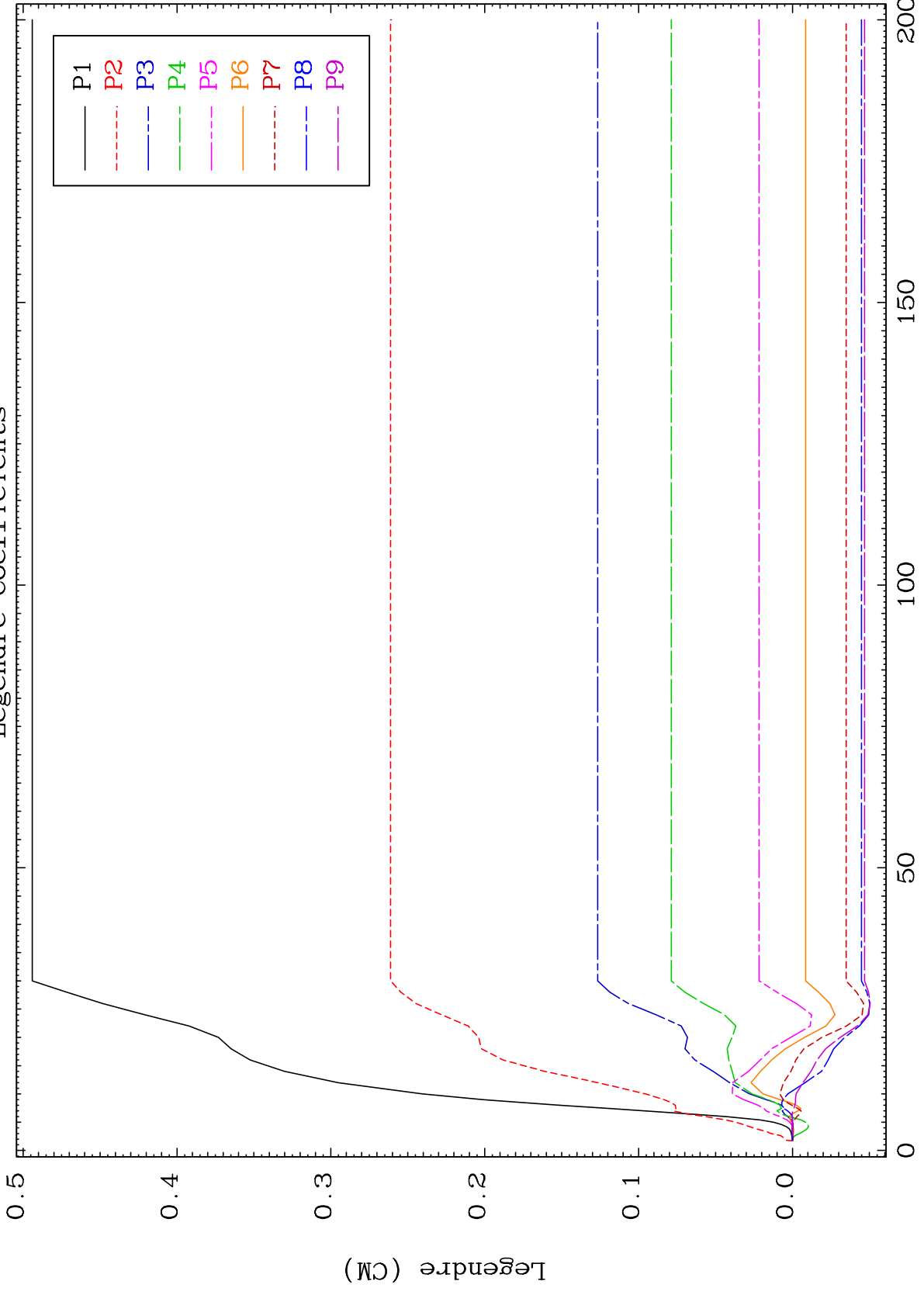


30

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-94

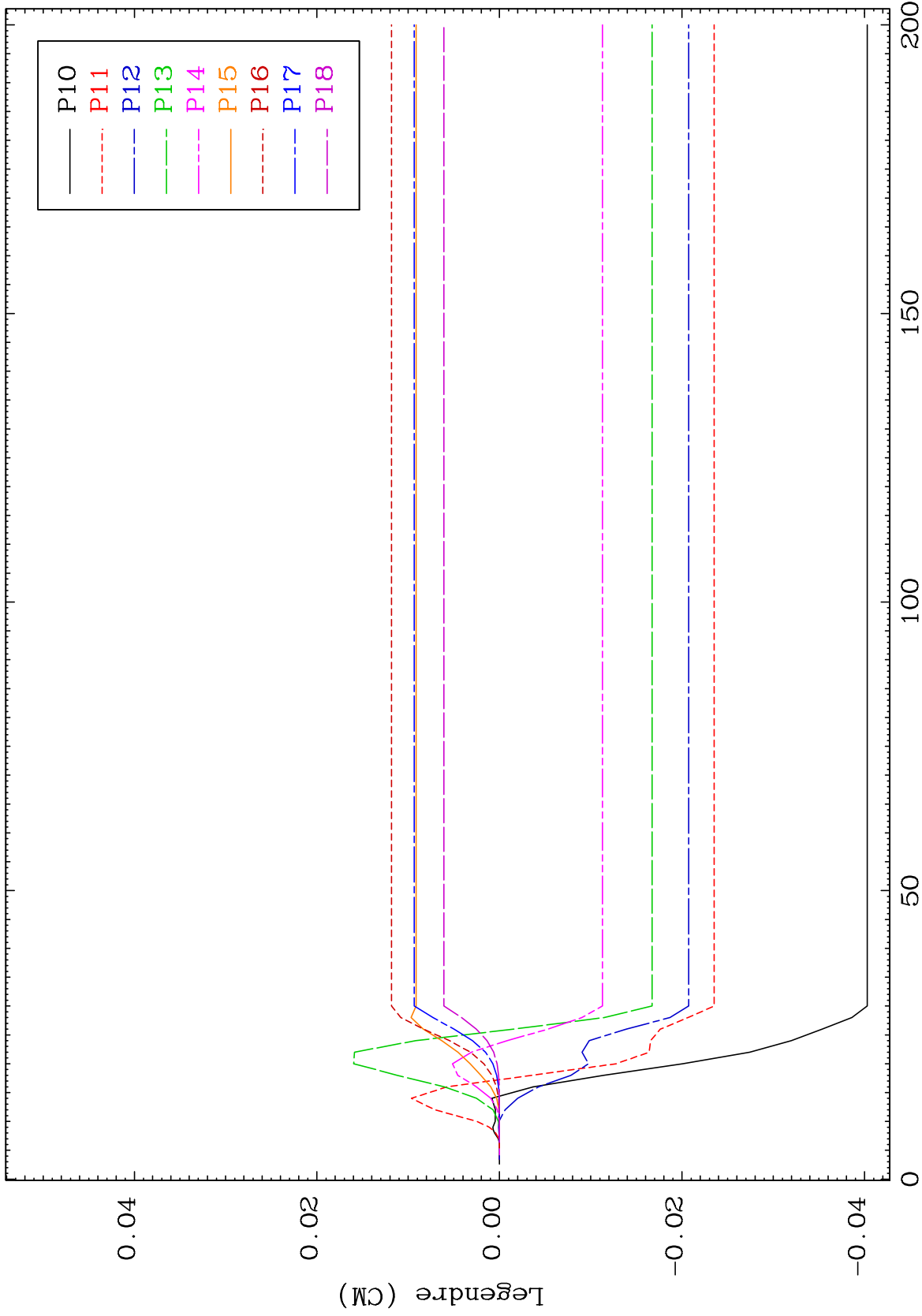


31 40-Zr-94

MAT 4037

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

40-Zr-94

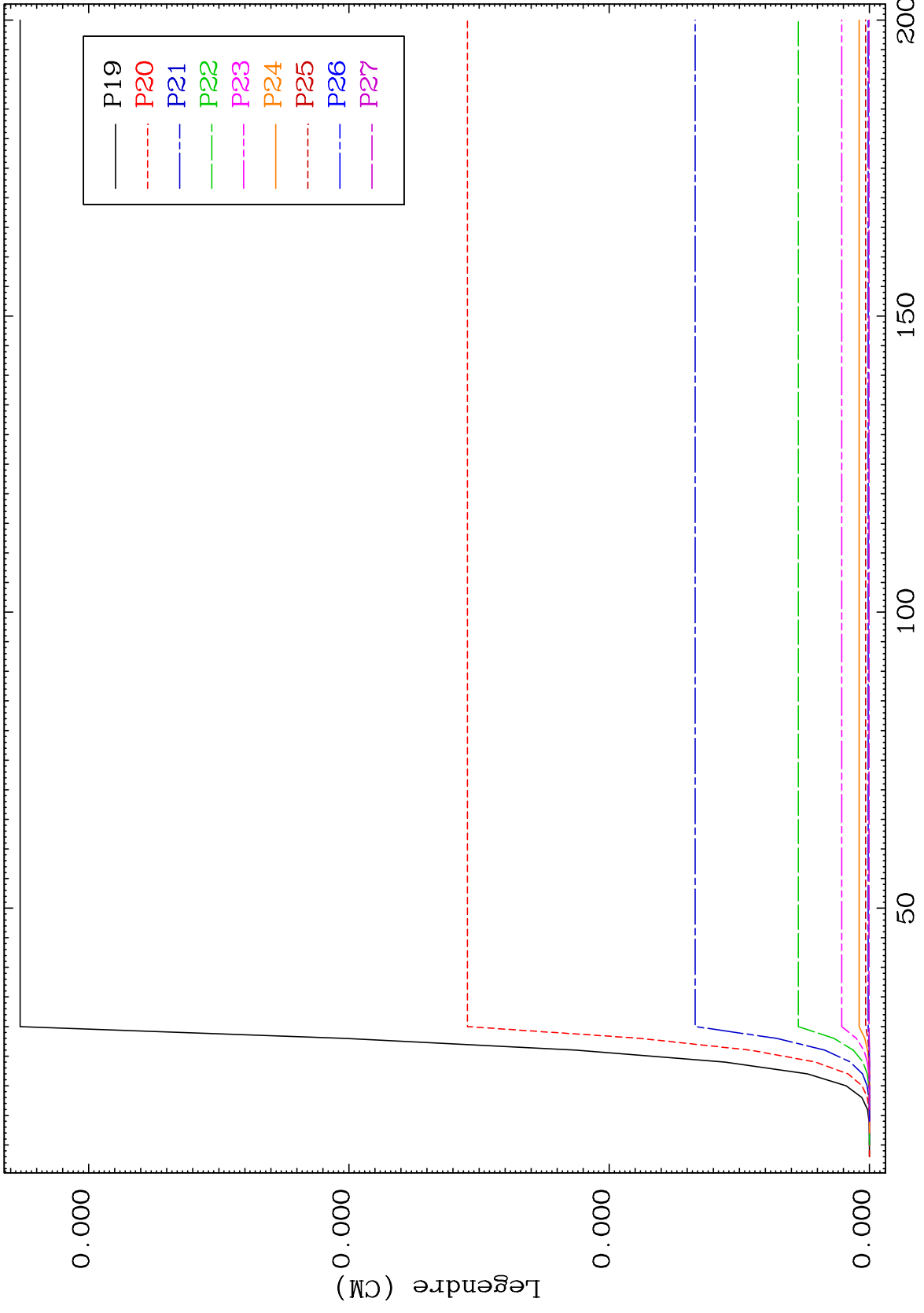


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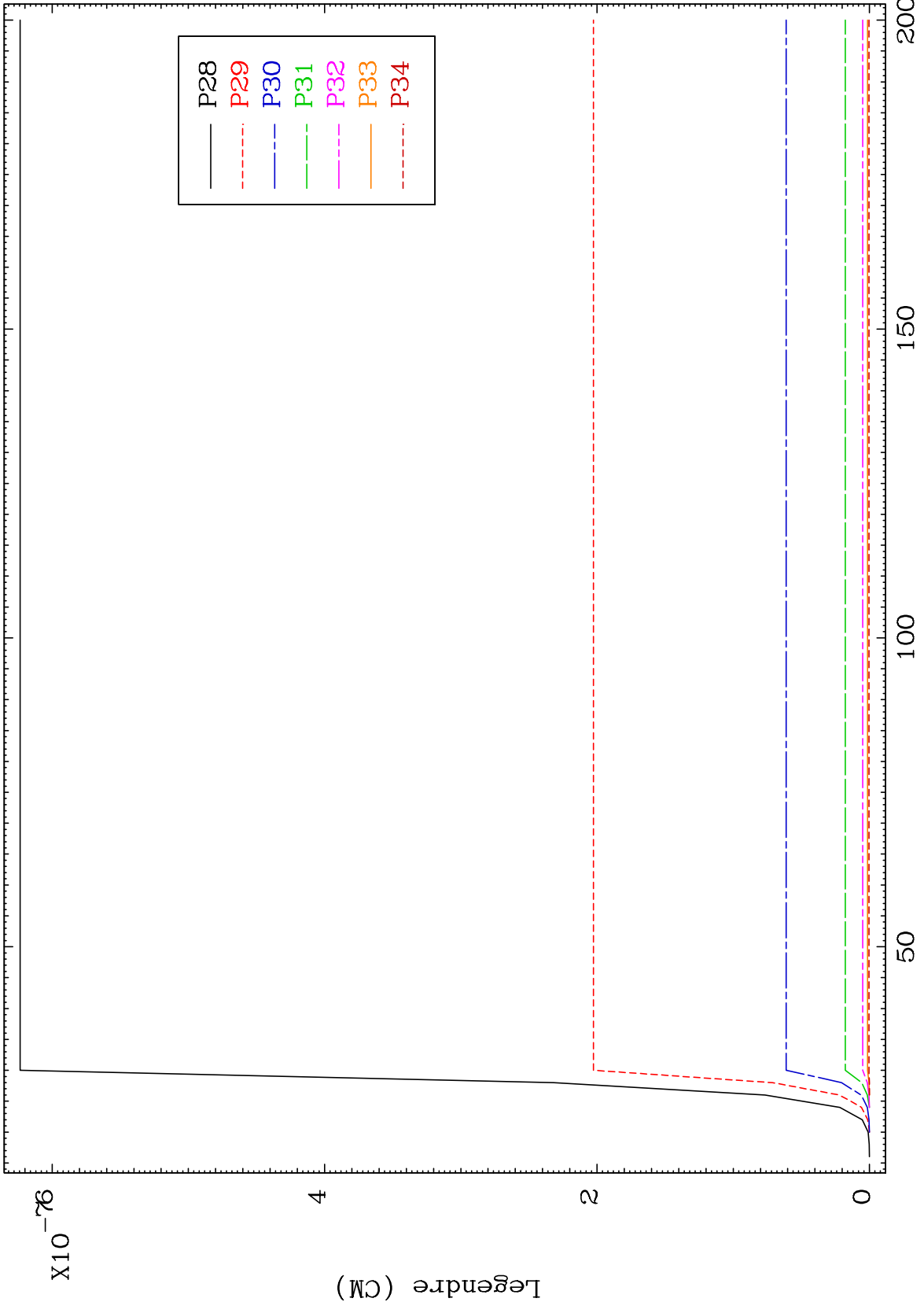
Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-94

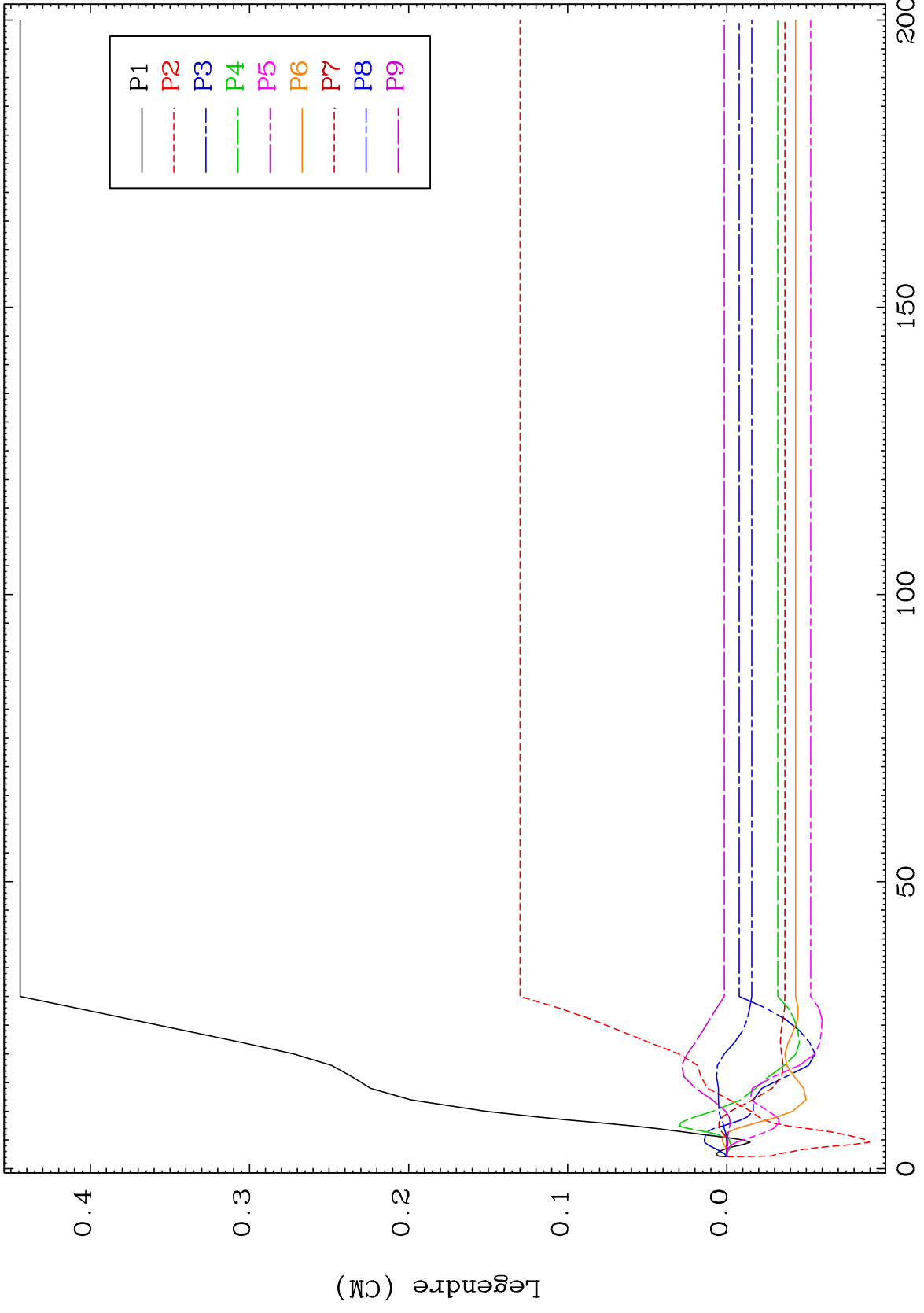


34 50 100 150 200 40-Zr-94

MAT 4037

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

40-Zr-94



35

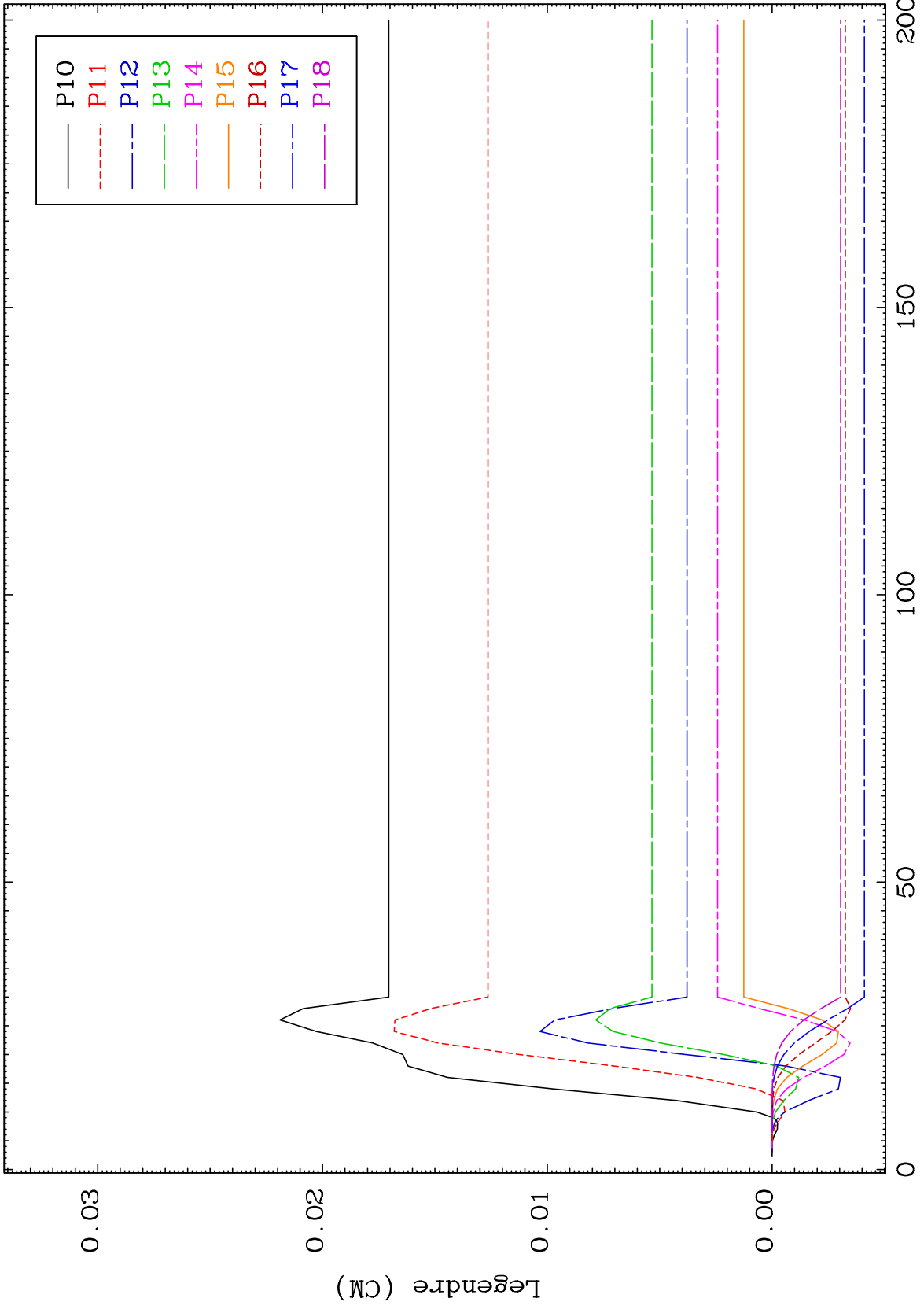
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

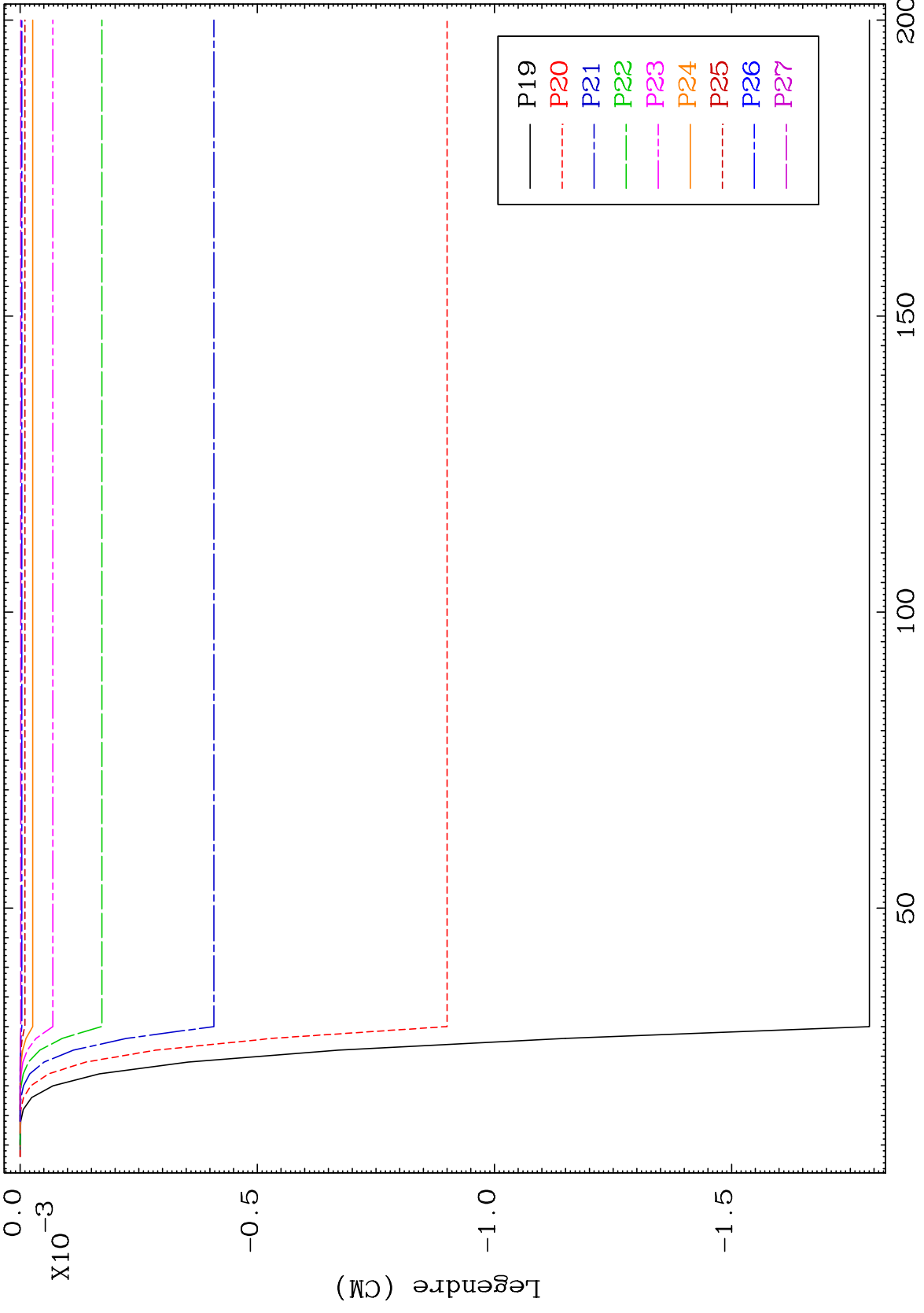


36

Incident Energy (MeV)

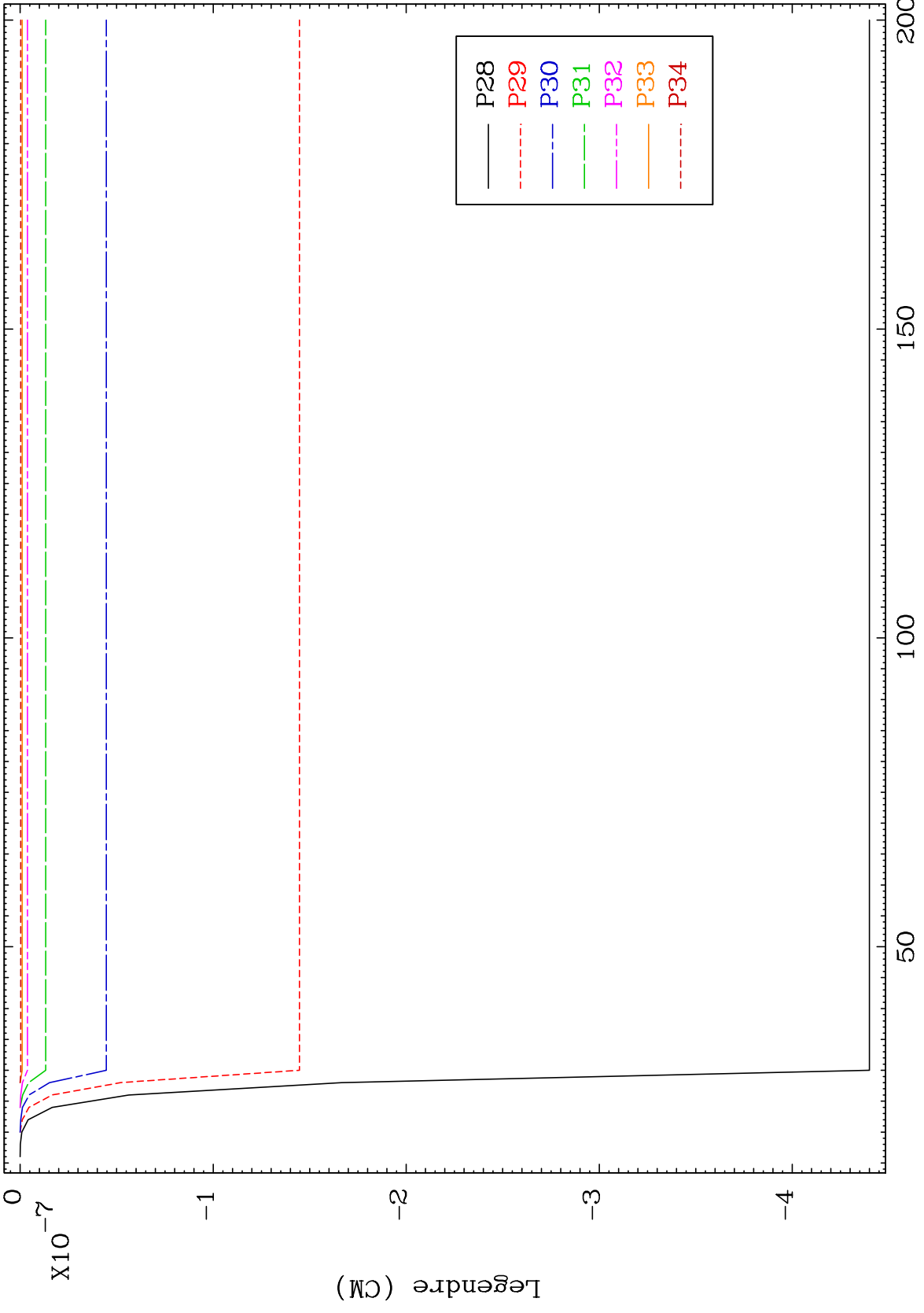
40-Zr-94

MAT 4037 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-94



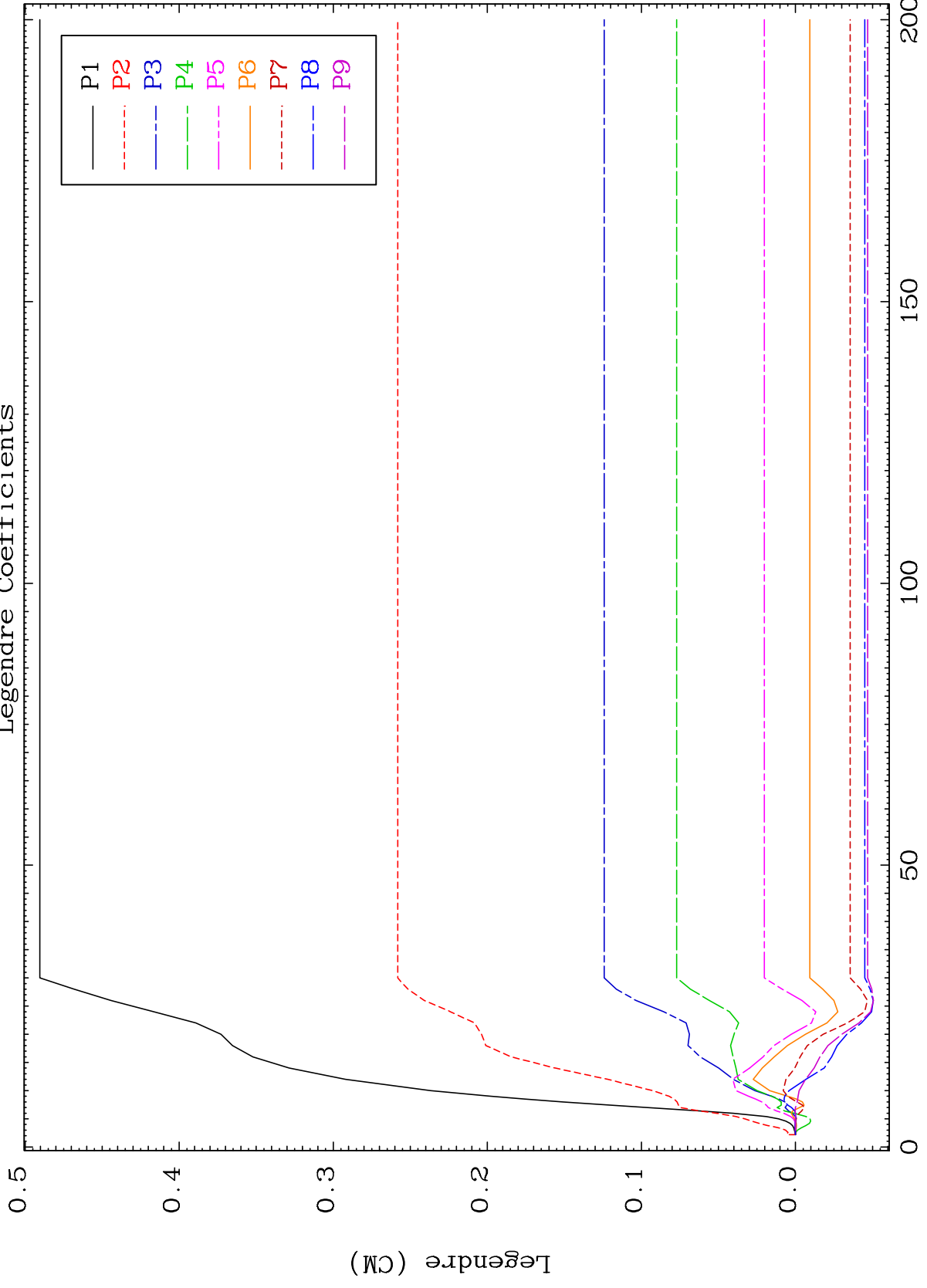
37 Incident Energy (MeV) 40-Zr-94

MAT 4037 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-94



38 Incident Energy (MeV) 40-Zr-94

MAT 4037 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-94

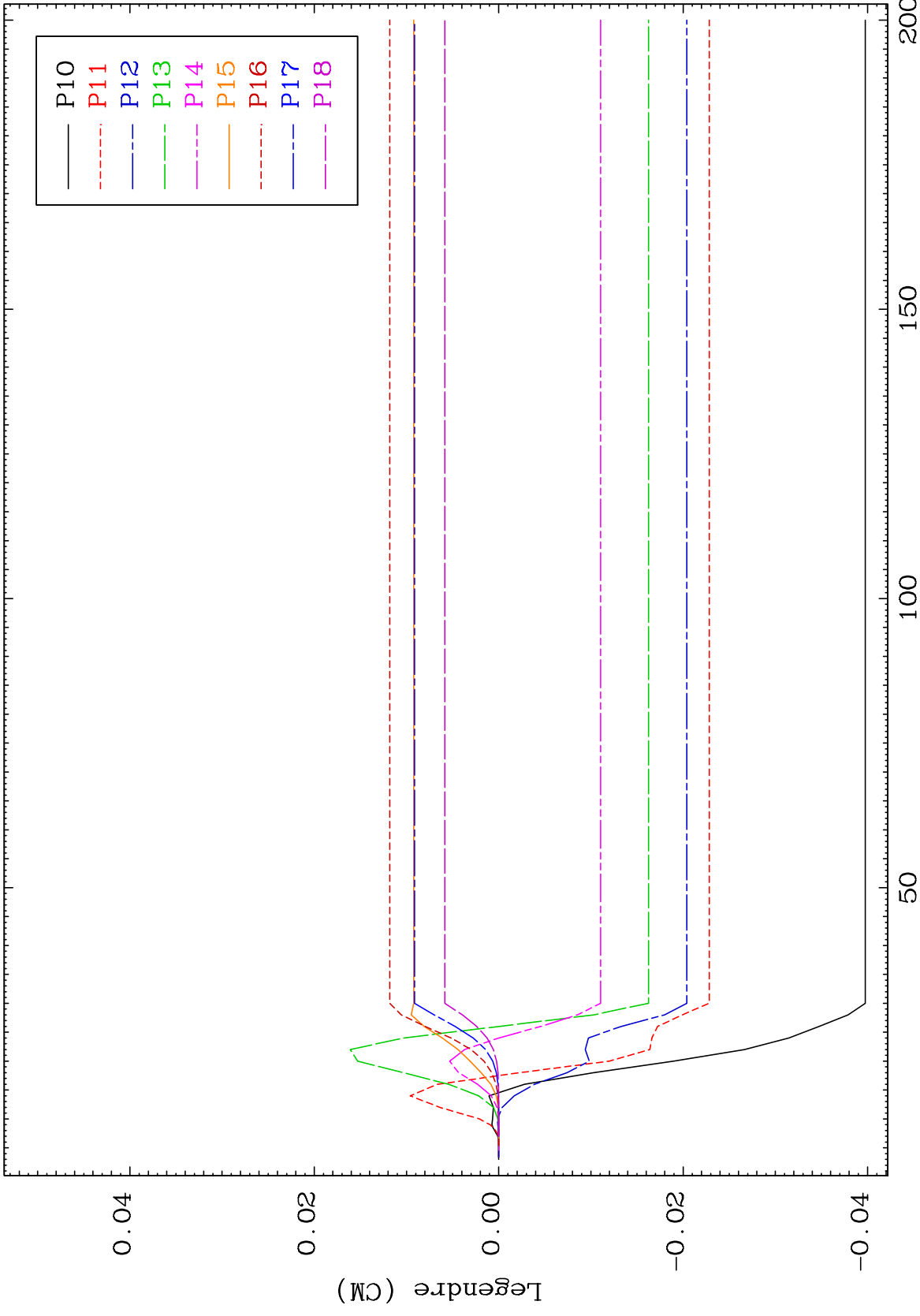


39 40-Zr-94

MAT 4037

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

40-Zr-94



40

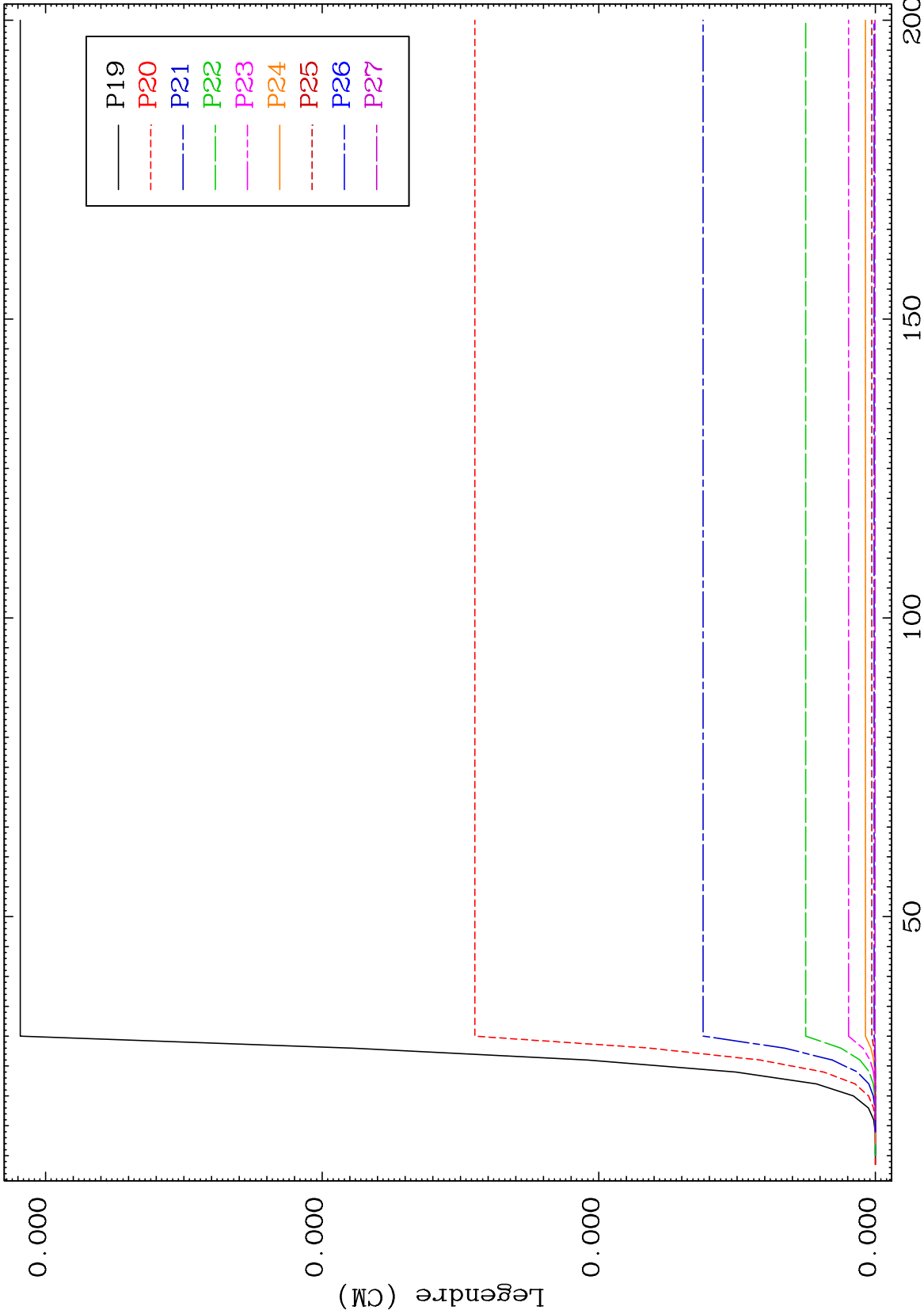
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



41

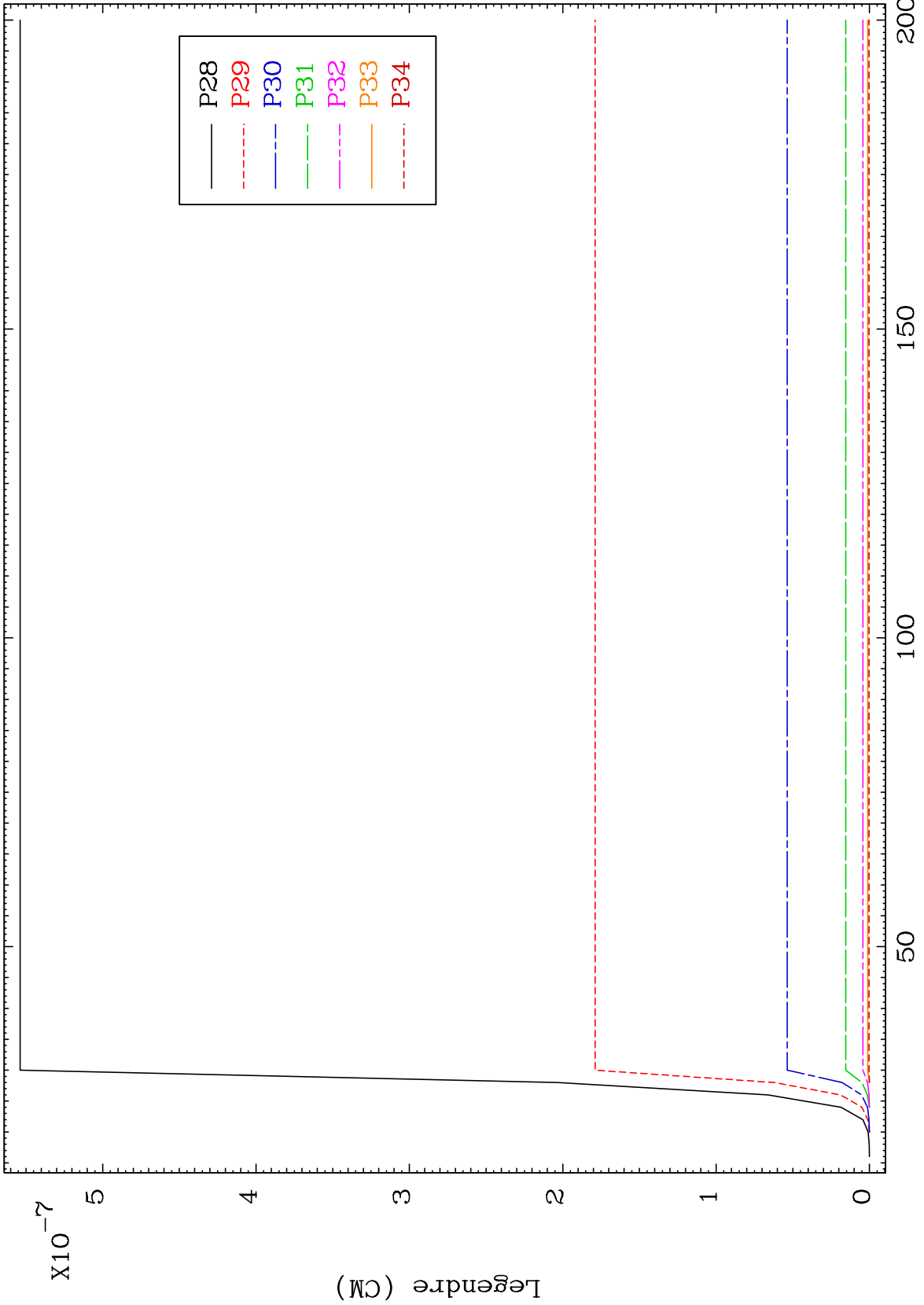
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



42

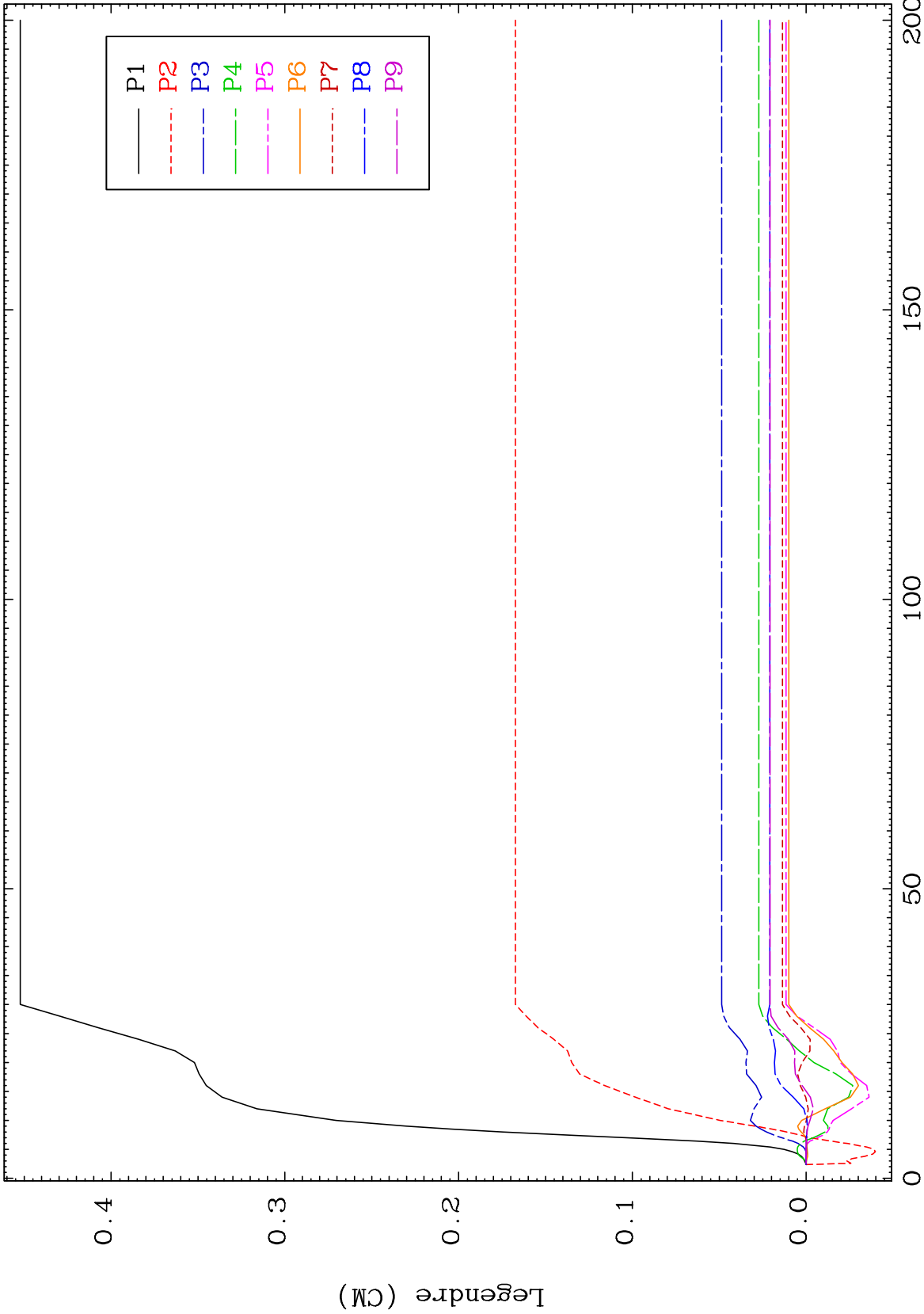
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



43

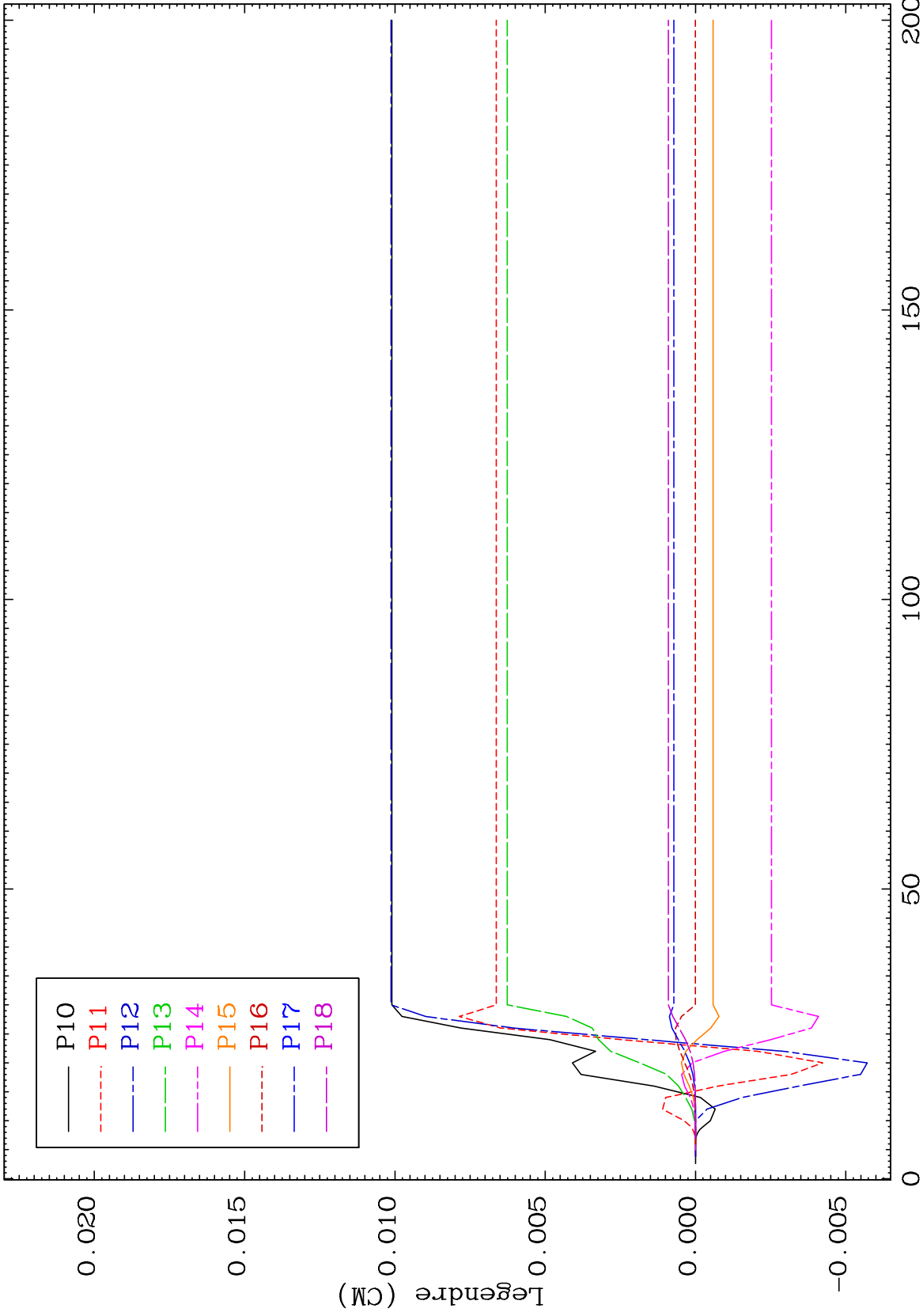
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



44

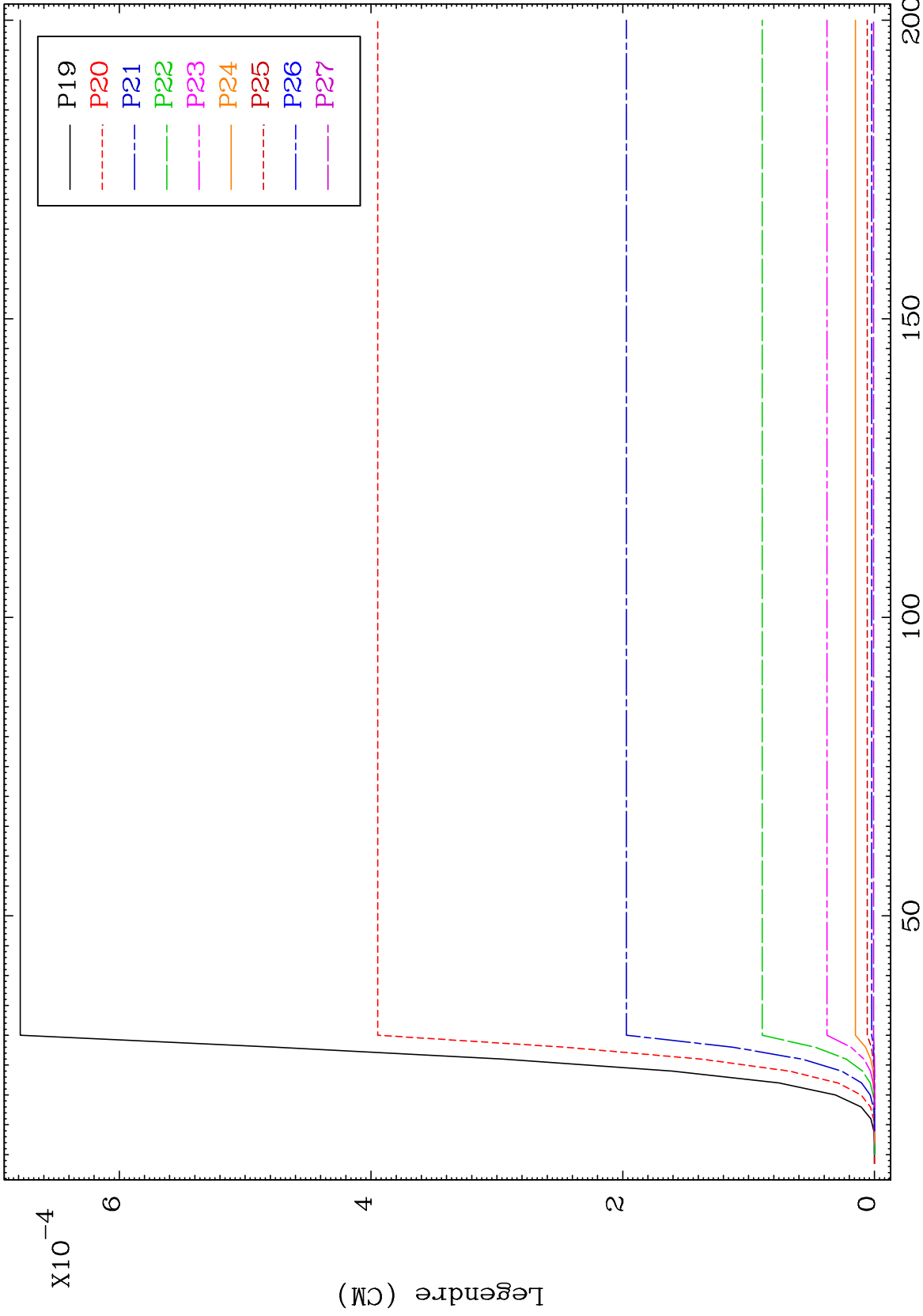
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



40-Zr-94

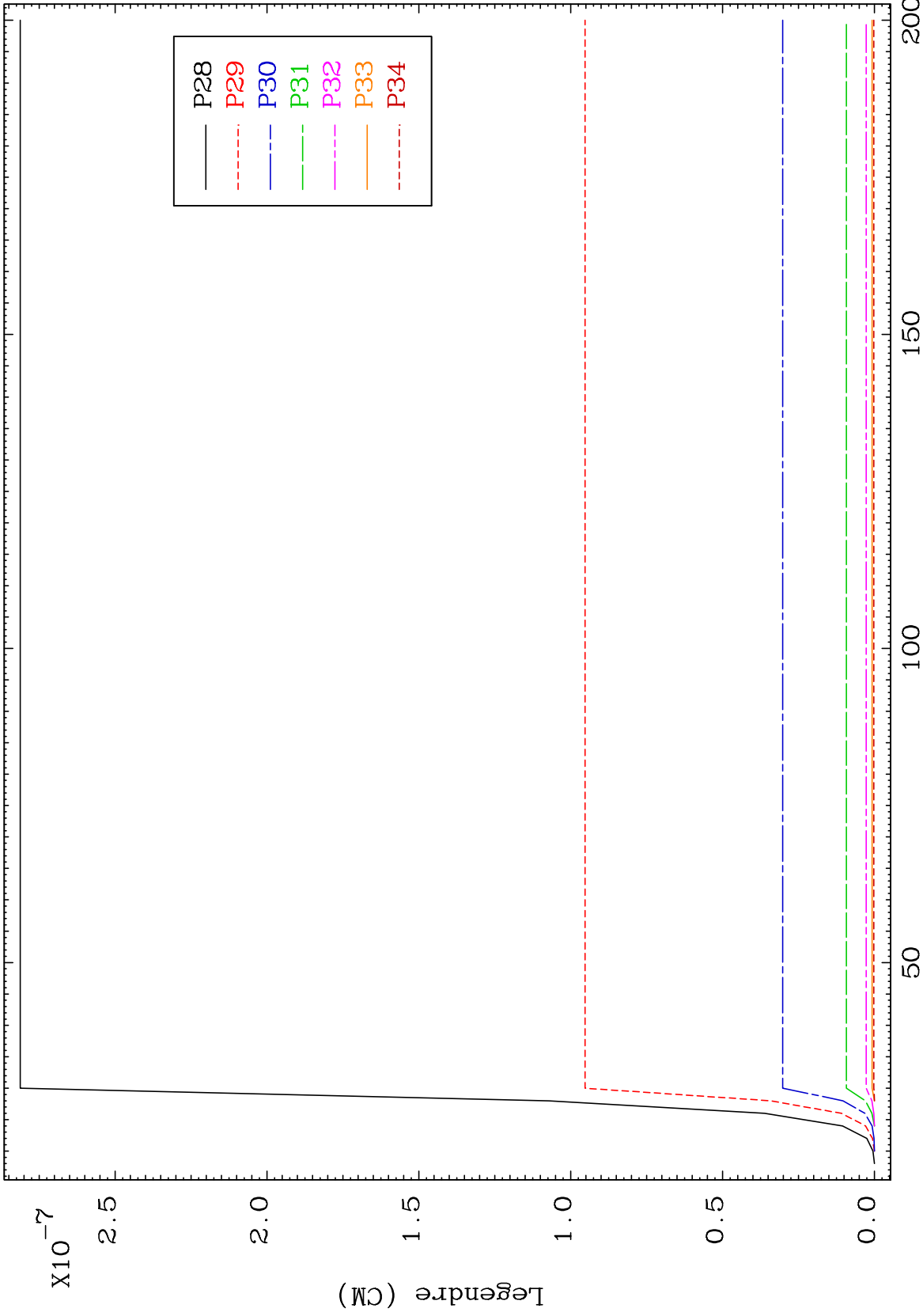
Incident Energy (MeV)

45

MAT 4037

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

40-Zr-94

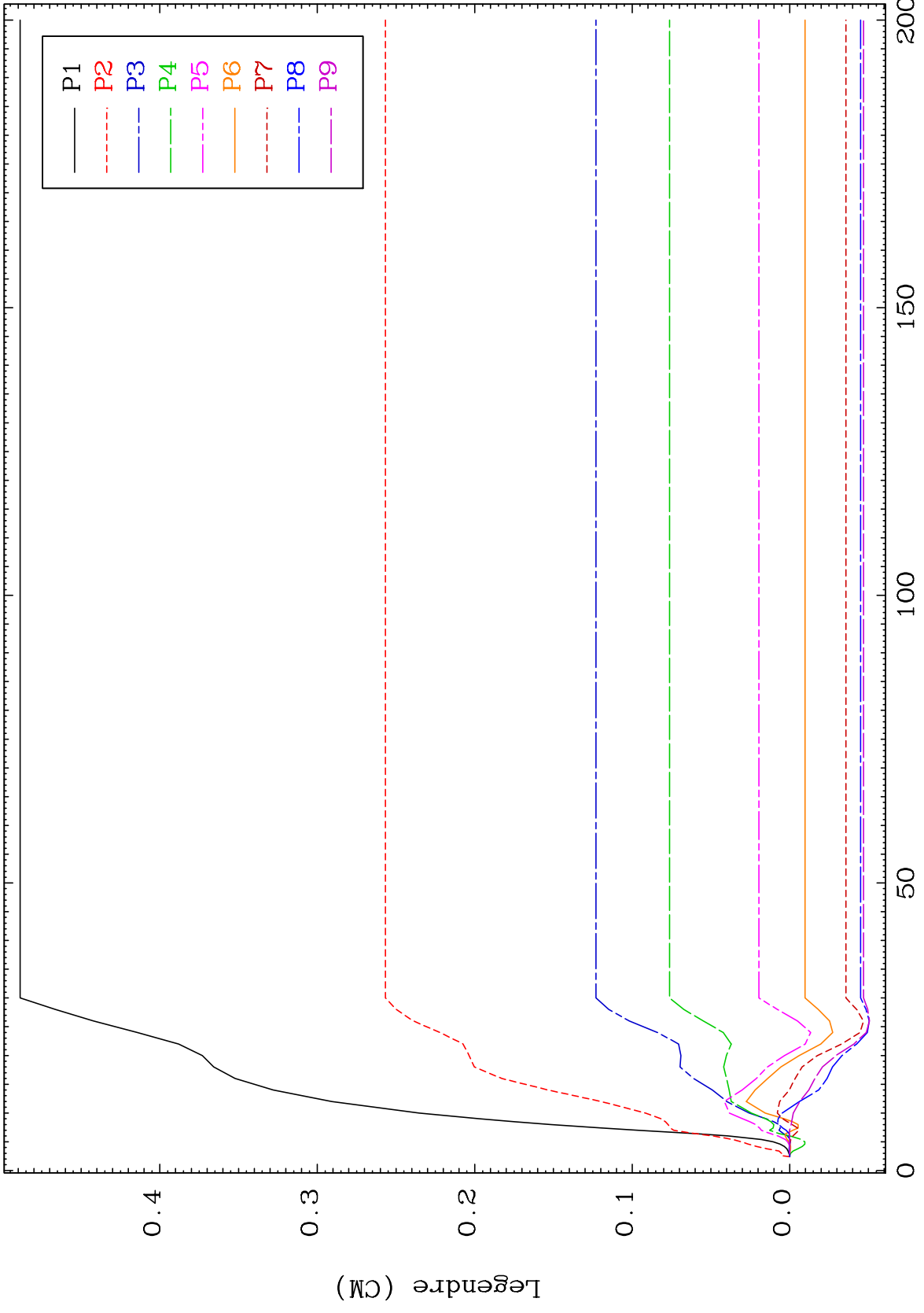


46

Incident Energy (MeV)

40-Zr-94

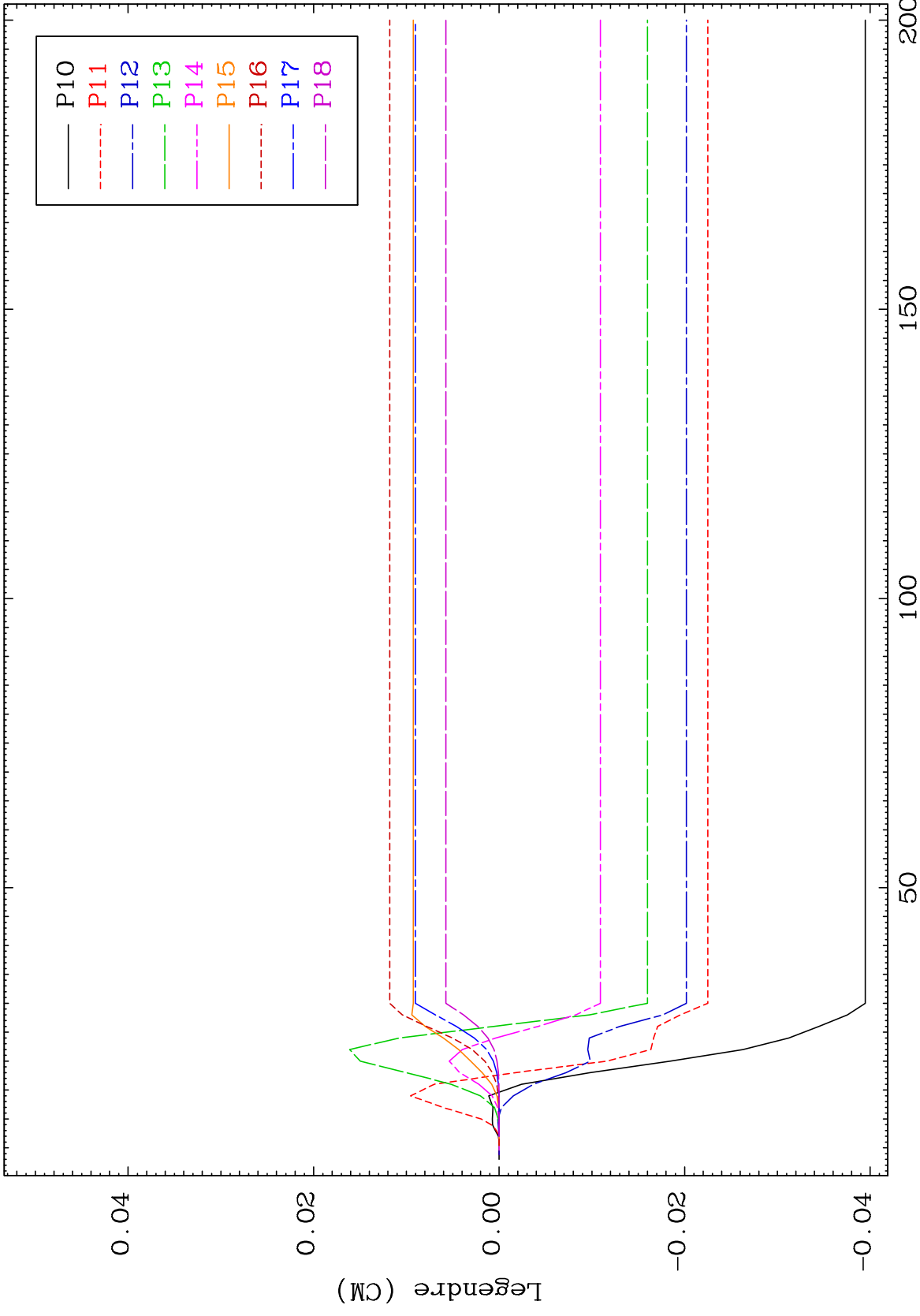
MAT 4037 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037

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

40-Zr-94

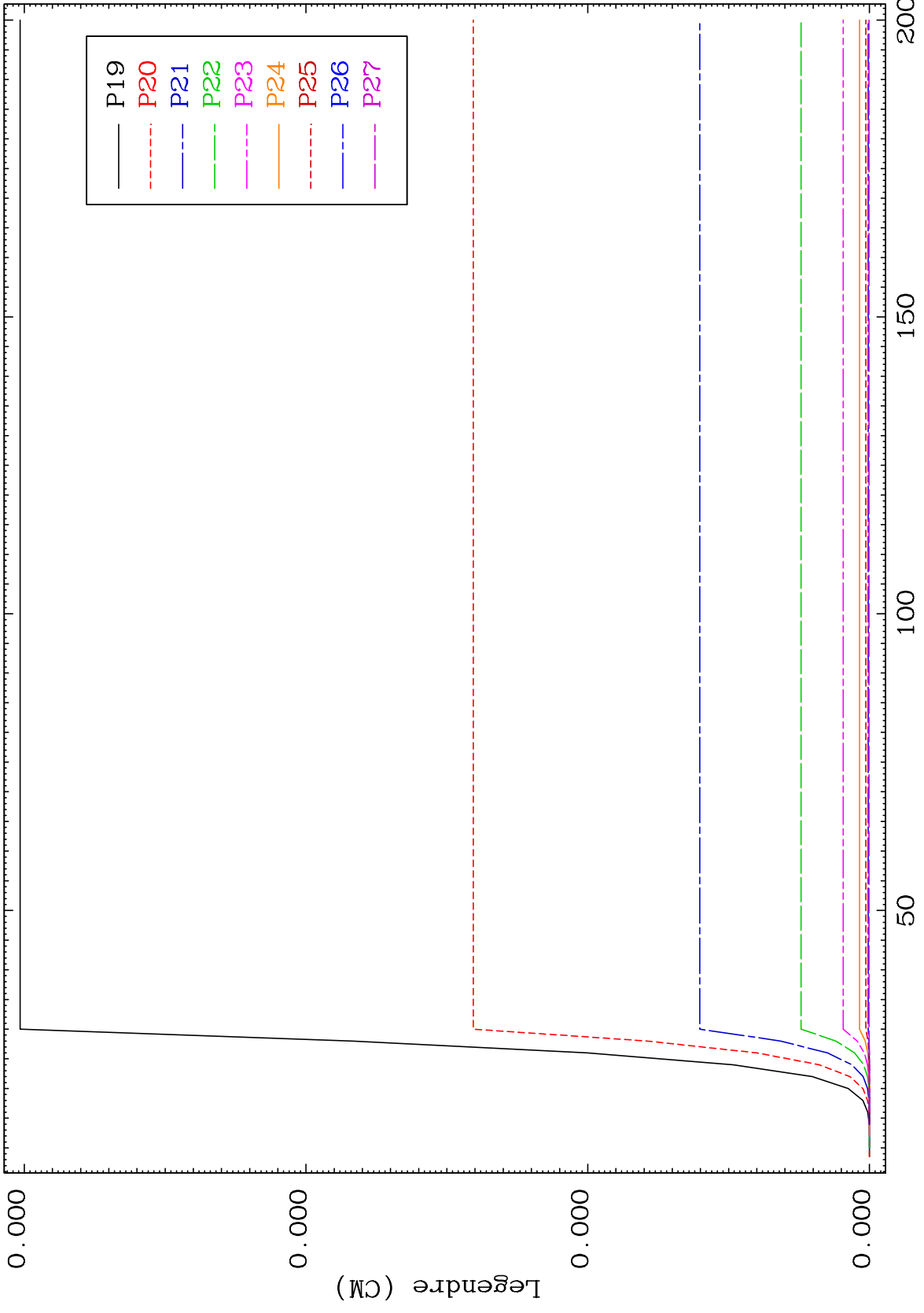


48

Incident Energy (MeV)

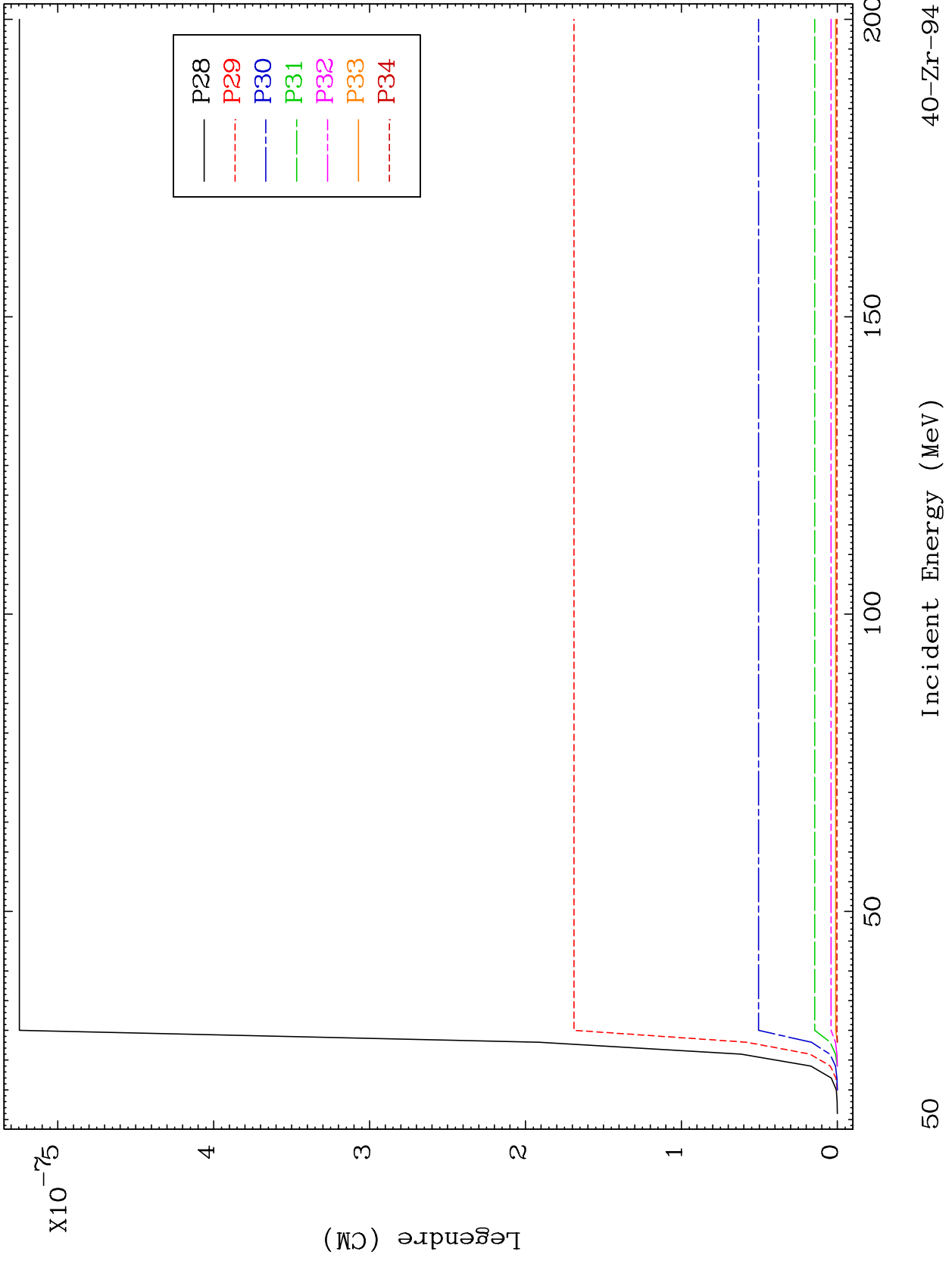
40-Zr-94

MAT 4037 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-94



49 40-Zr-94

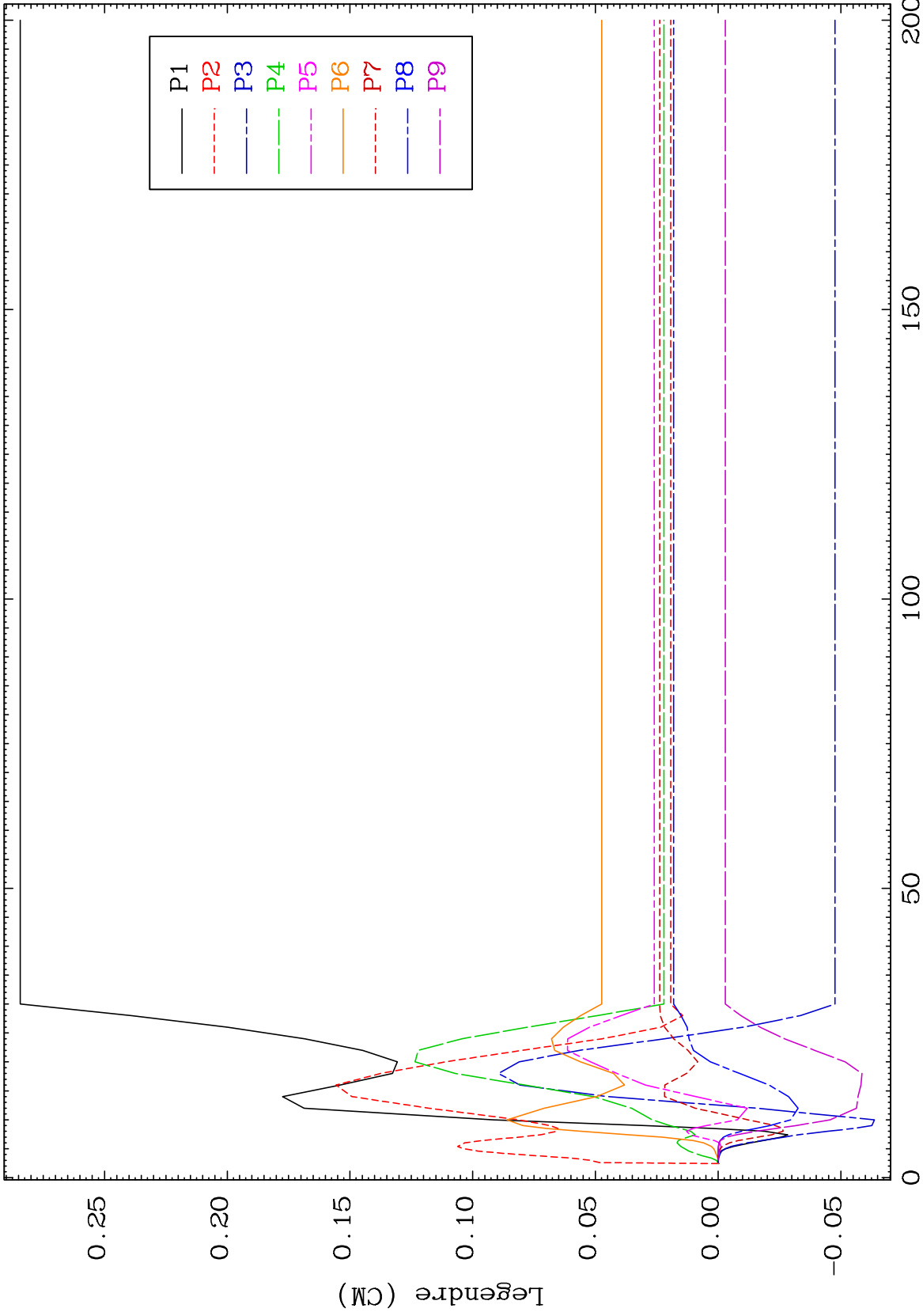
MAT 4037 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037

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

40-Zr-94



51

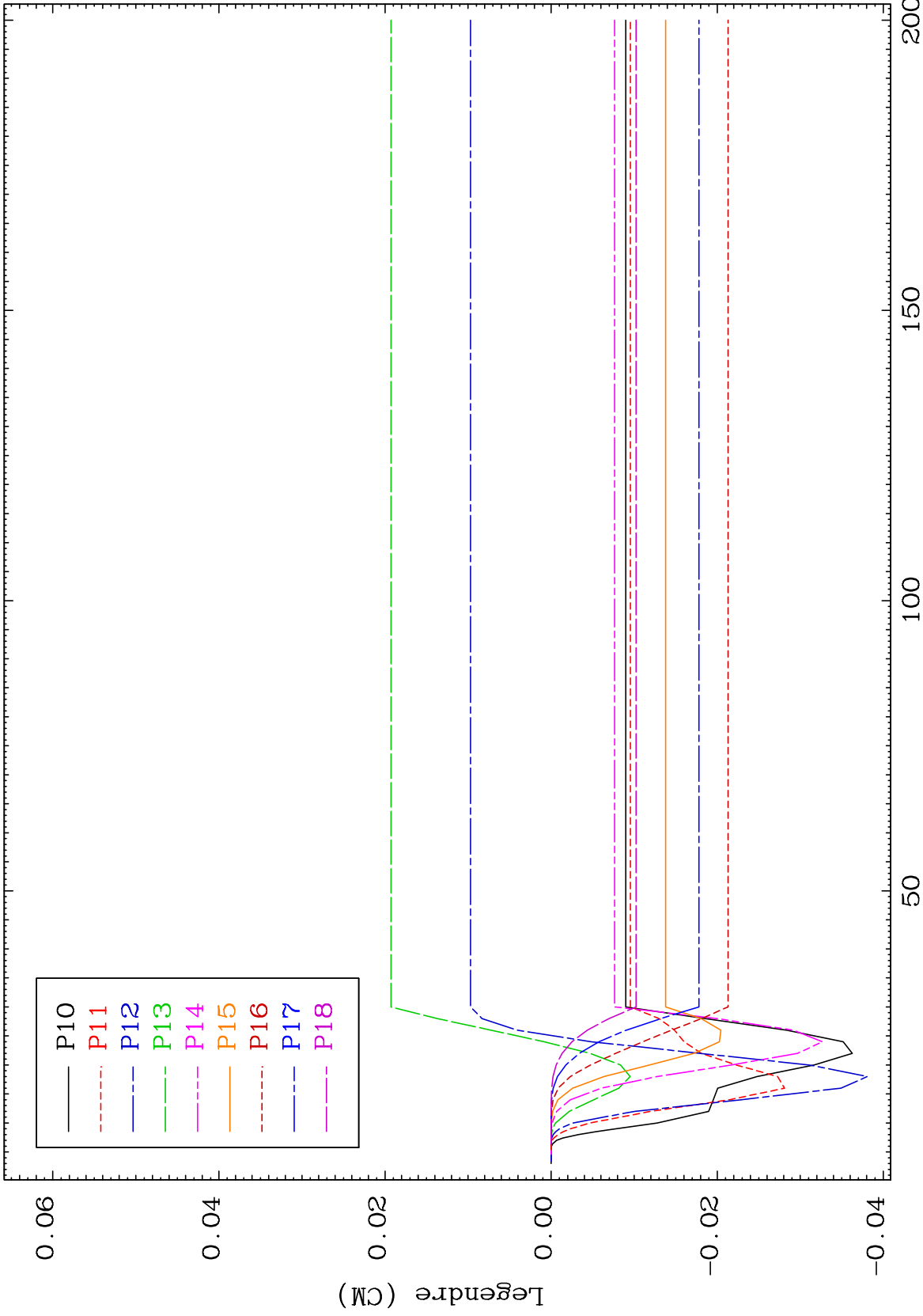
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

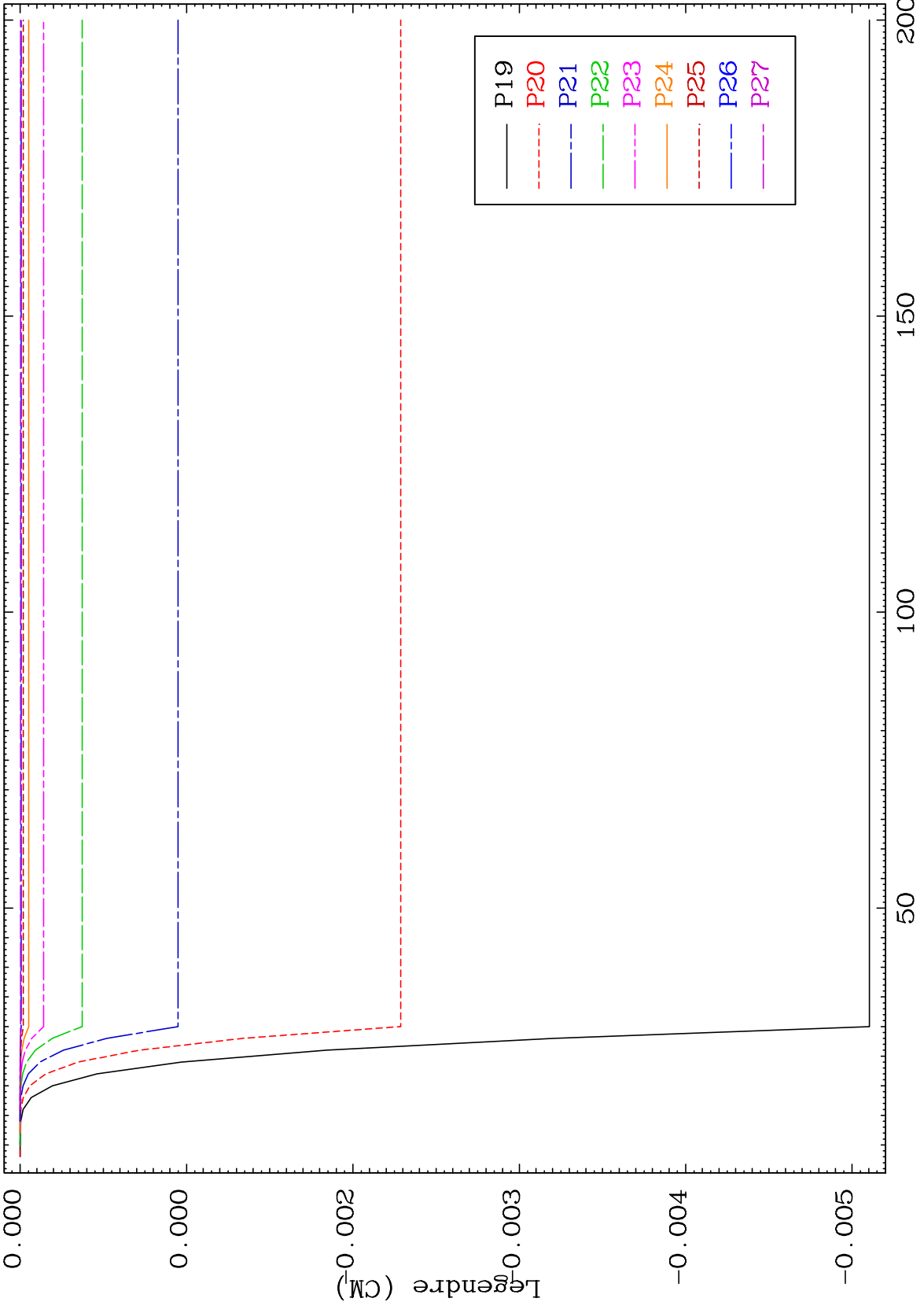


52

40-Zr-94

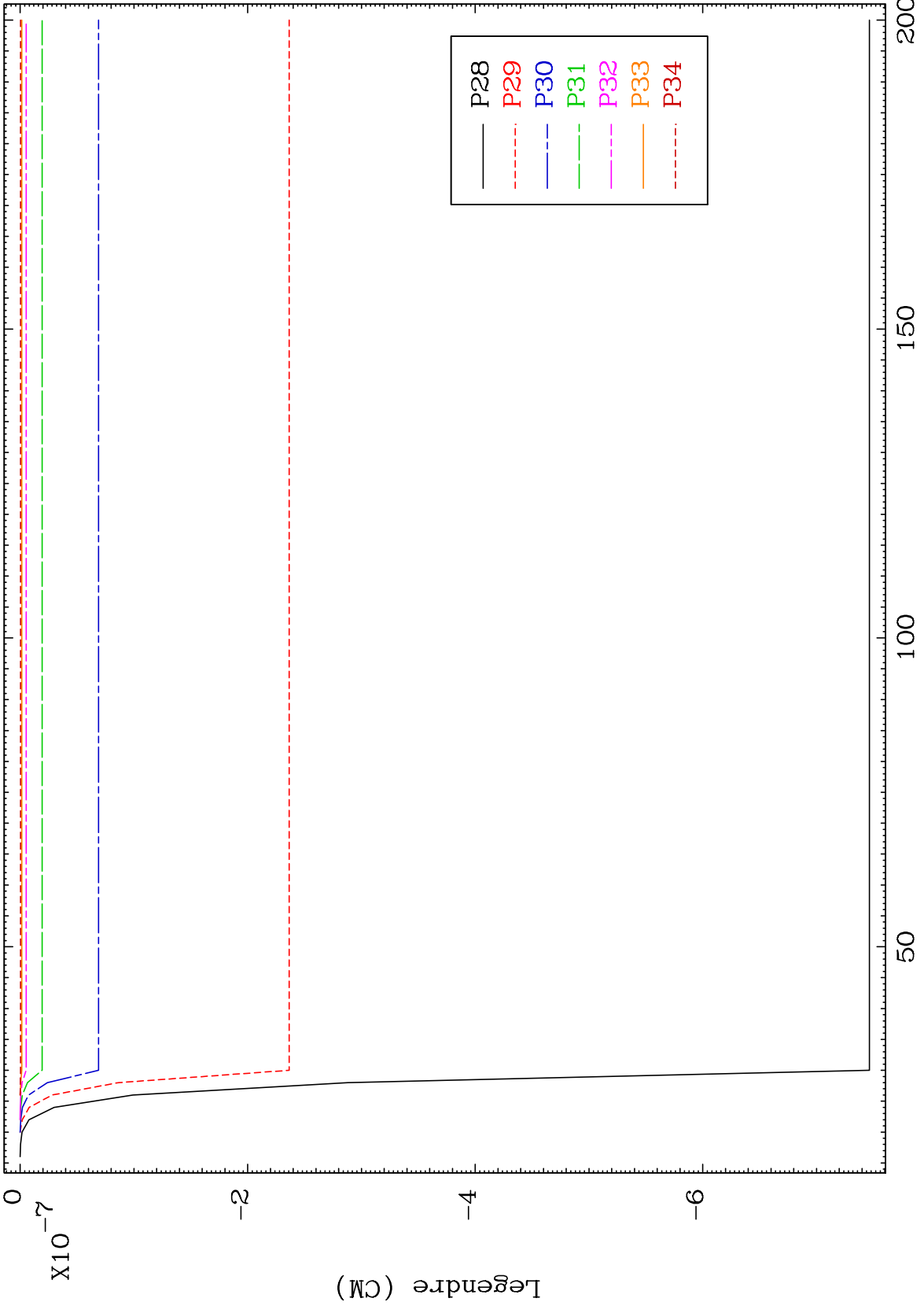
Incident Energy (MeV)

MAT 4037 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-94

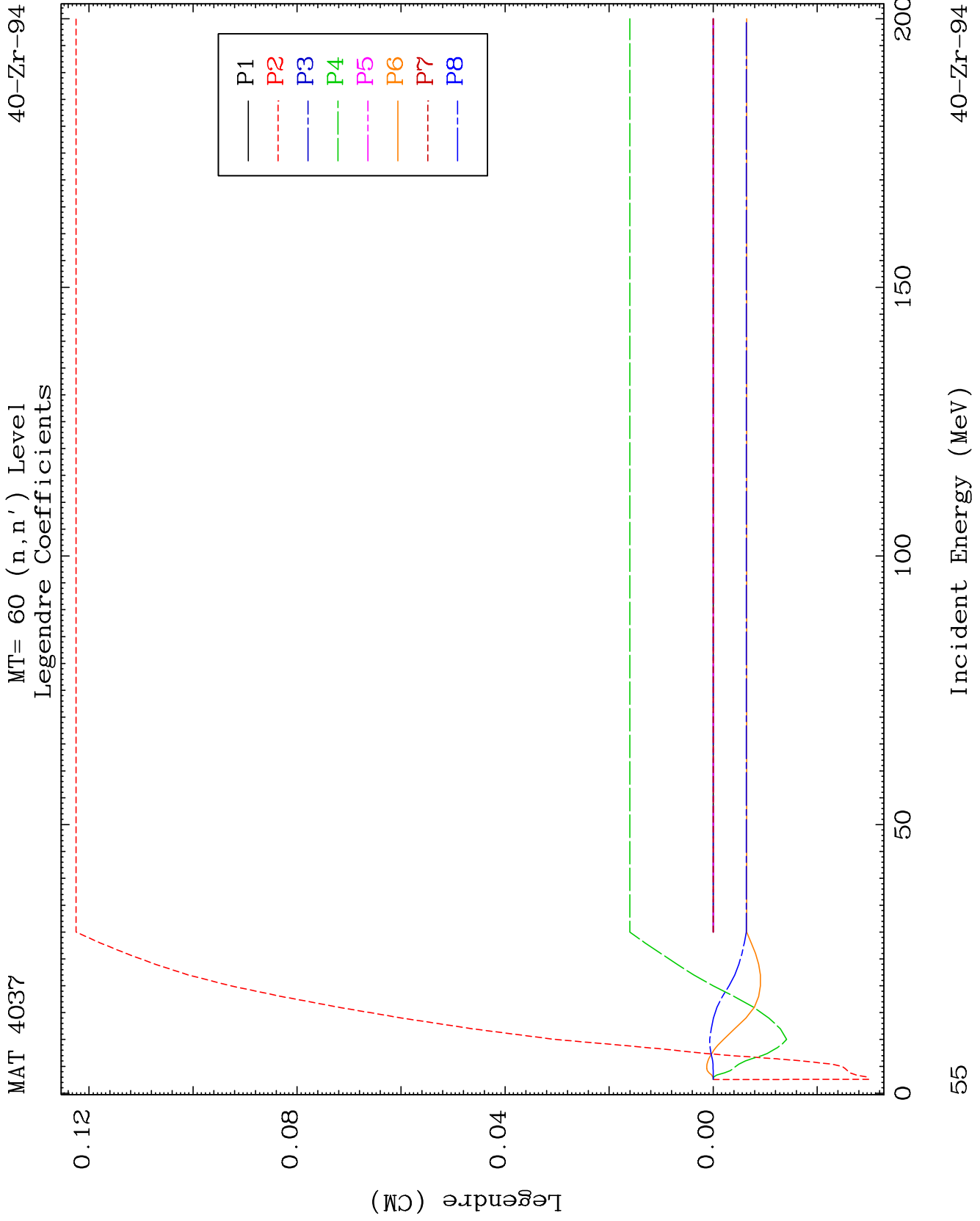


53 Incident Energy (MeV) 40-Zr-94

MAT 4037 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-94



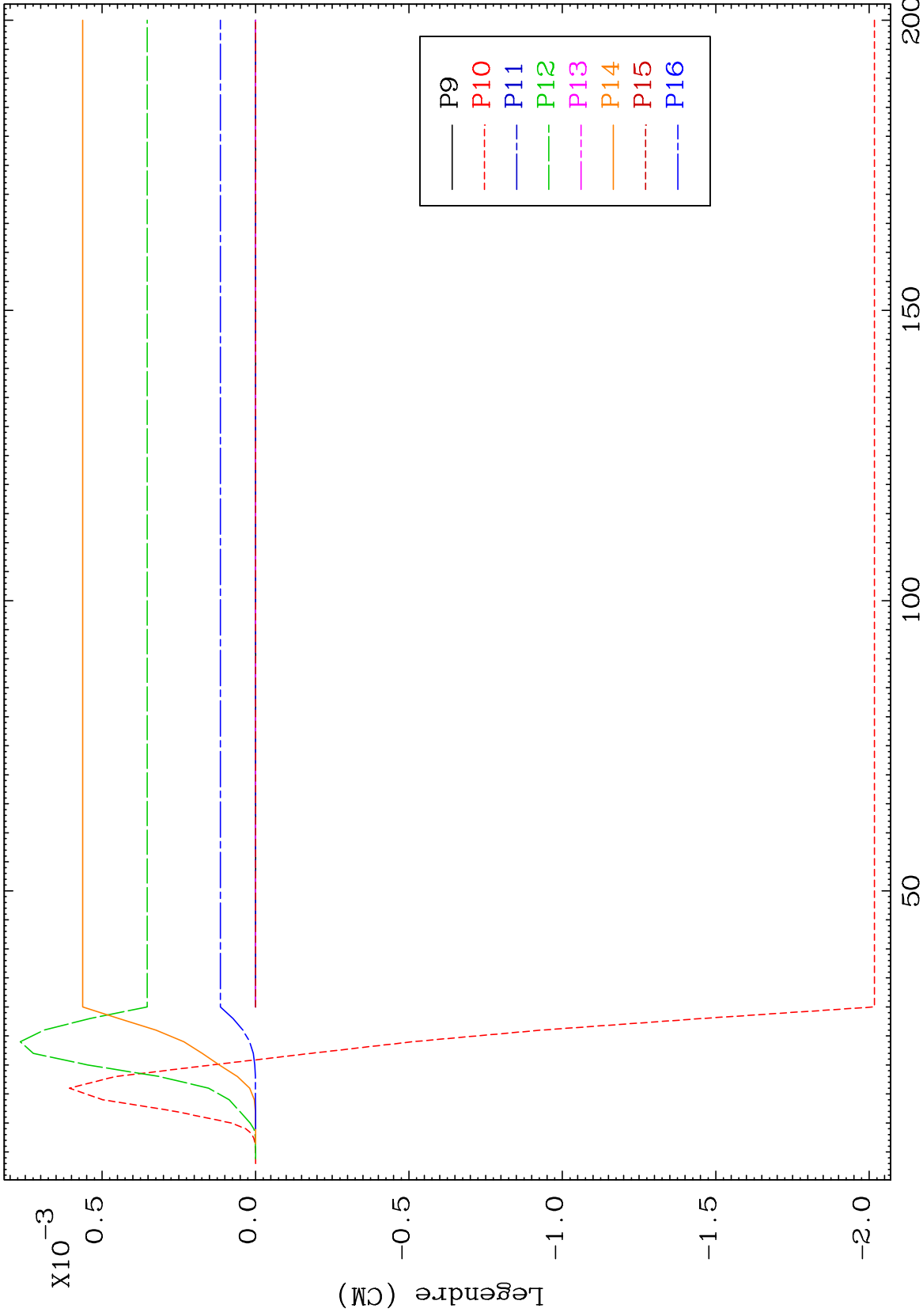
54 Incident Energy (MeV) 40-Zr-94



MAT 4037

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

40-Zr-94

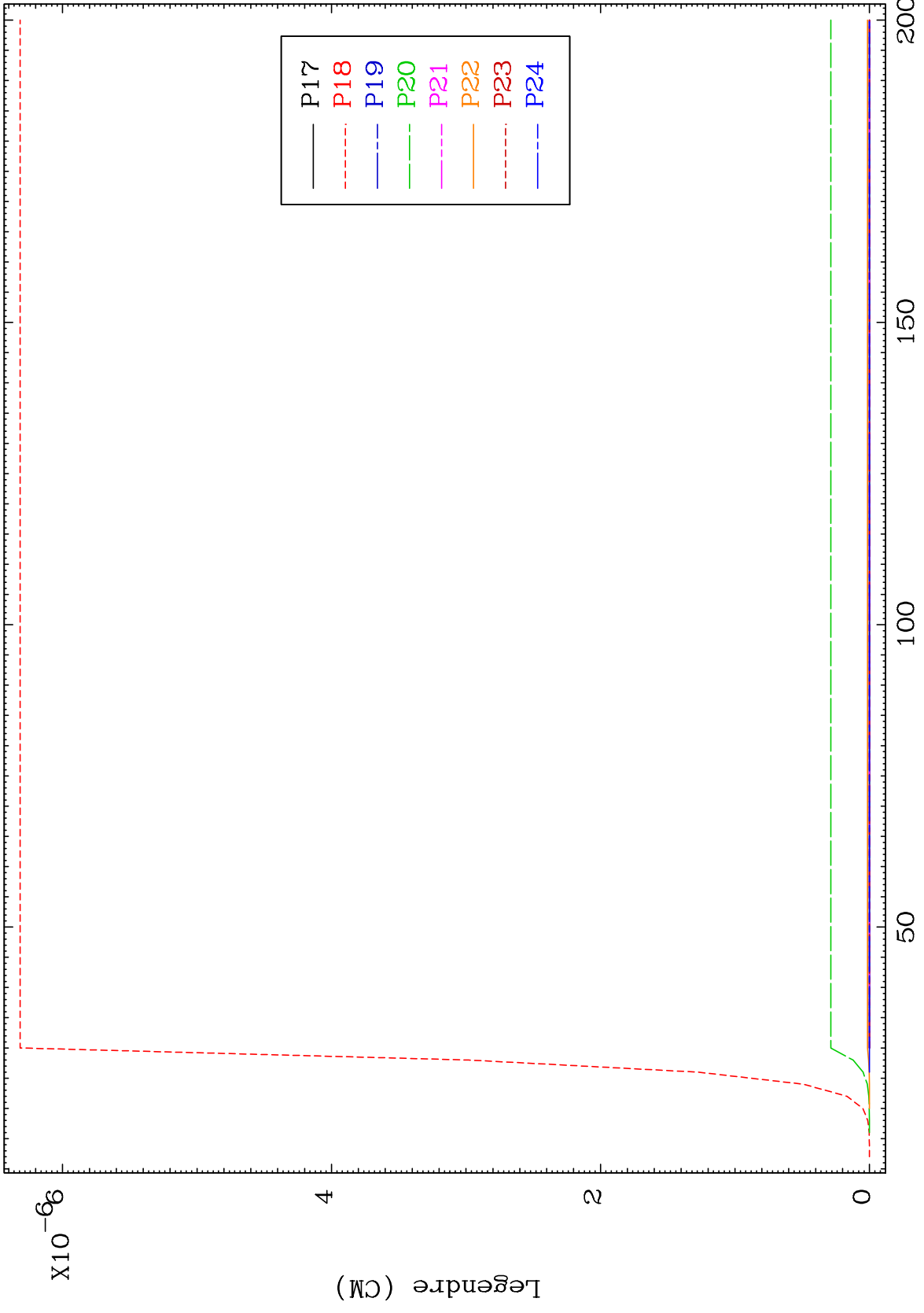


56

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-94

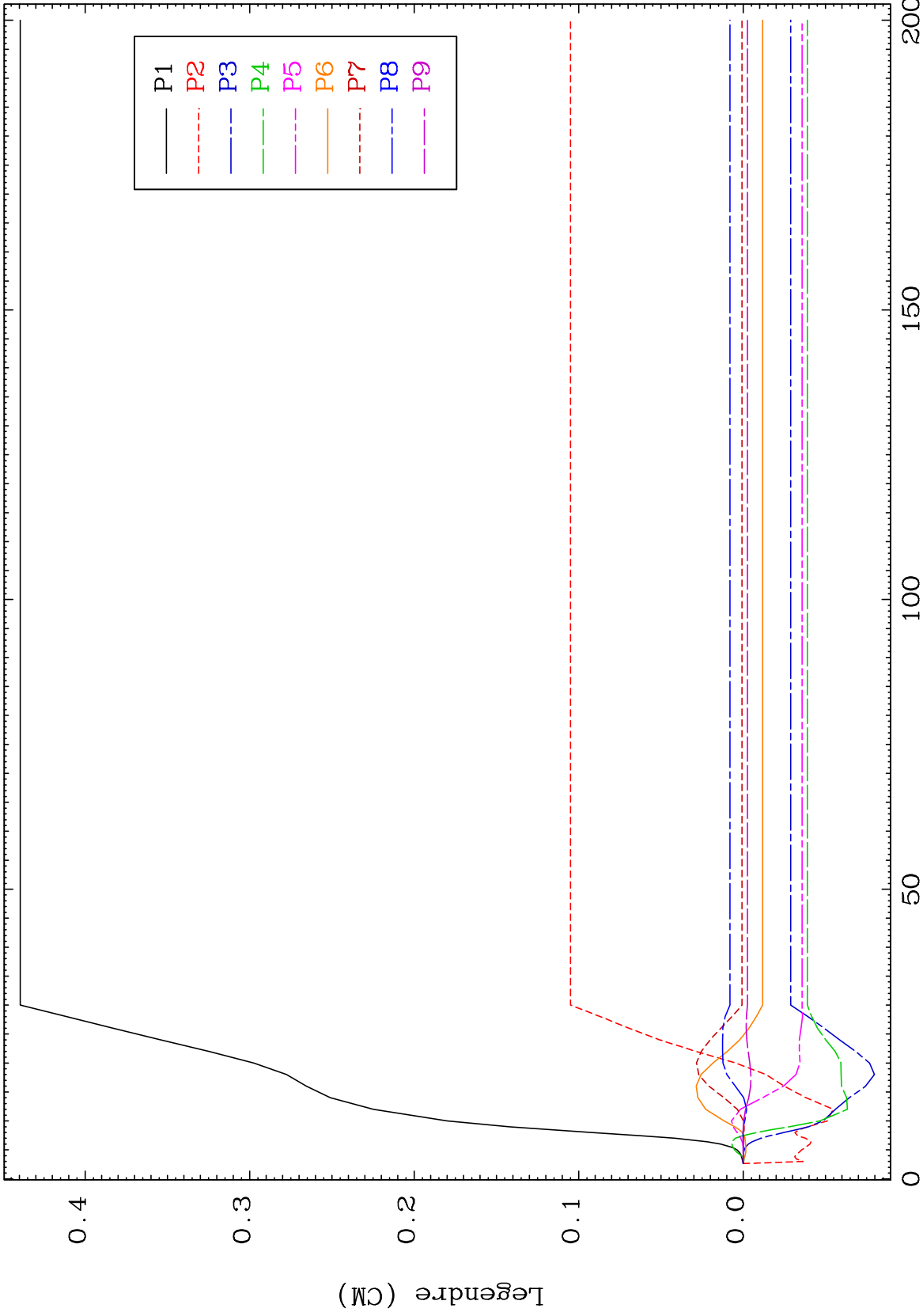


57 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

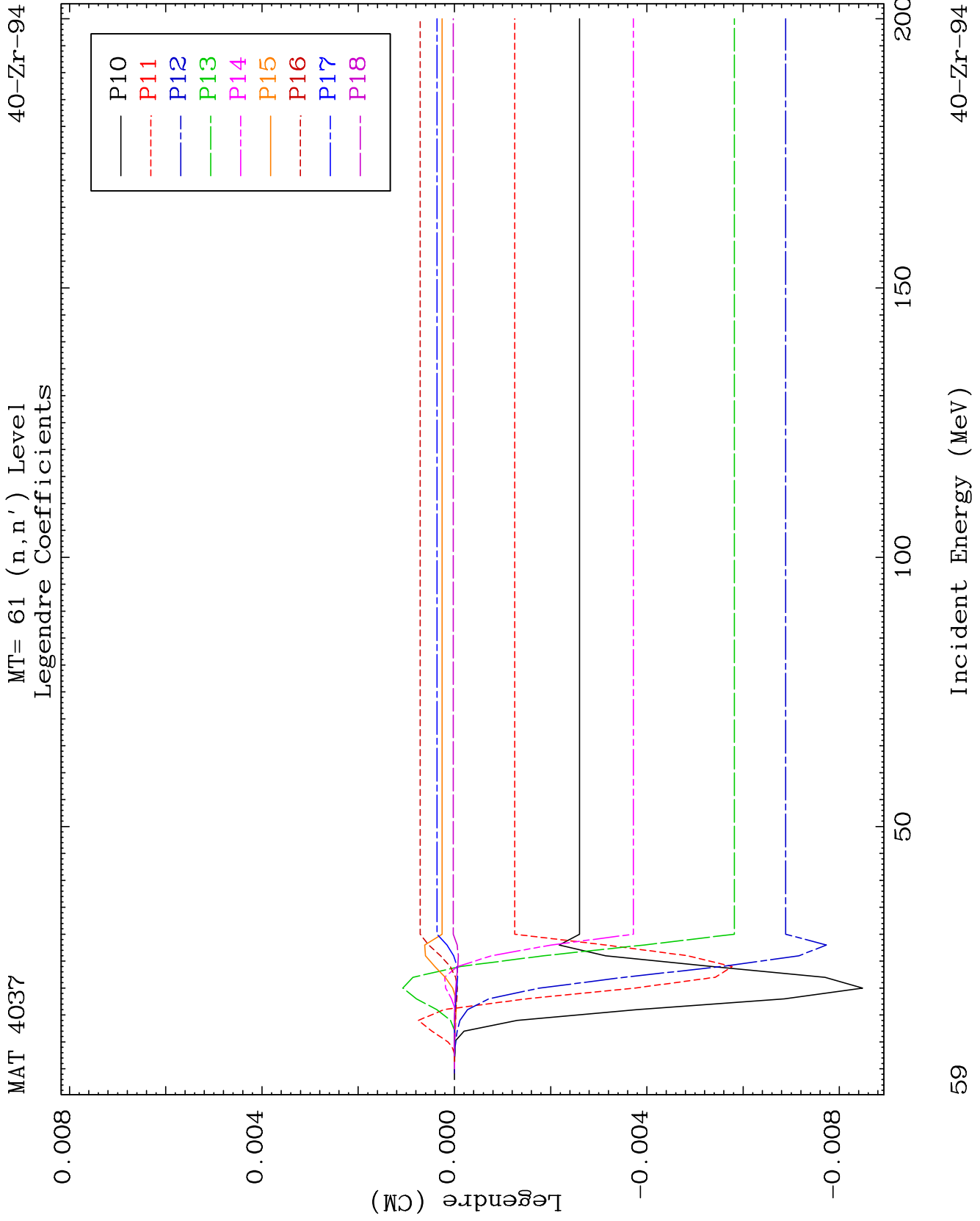
40-Zr-94



58

Incident Energy (MeV)

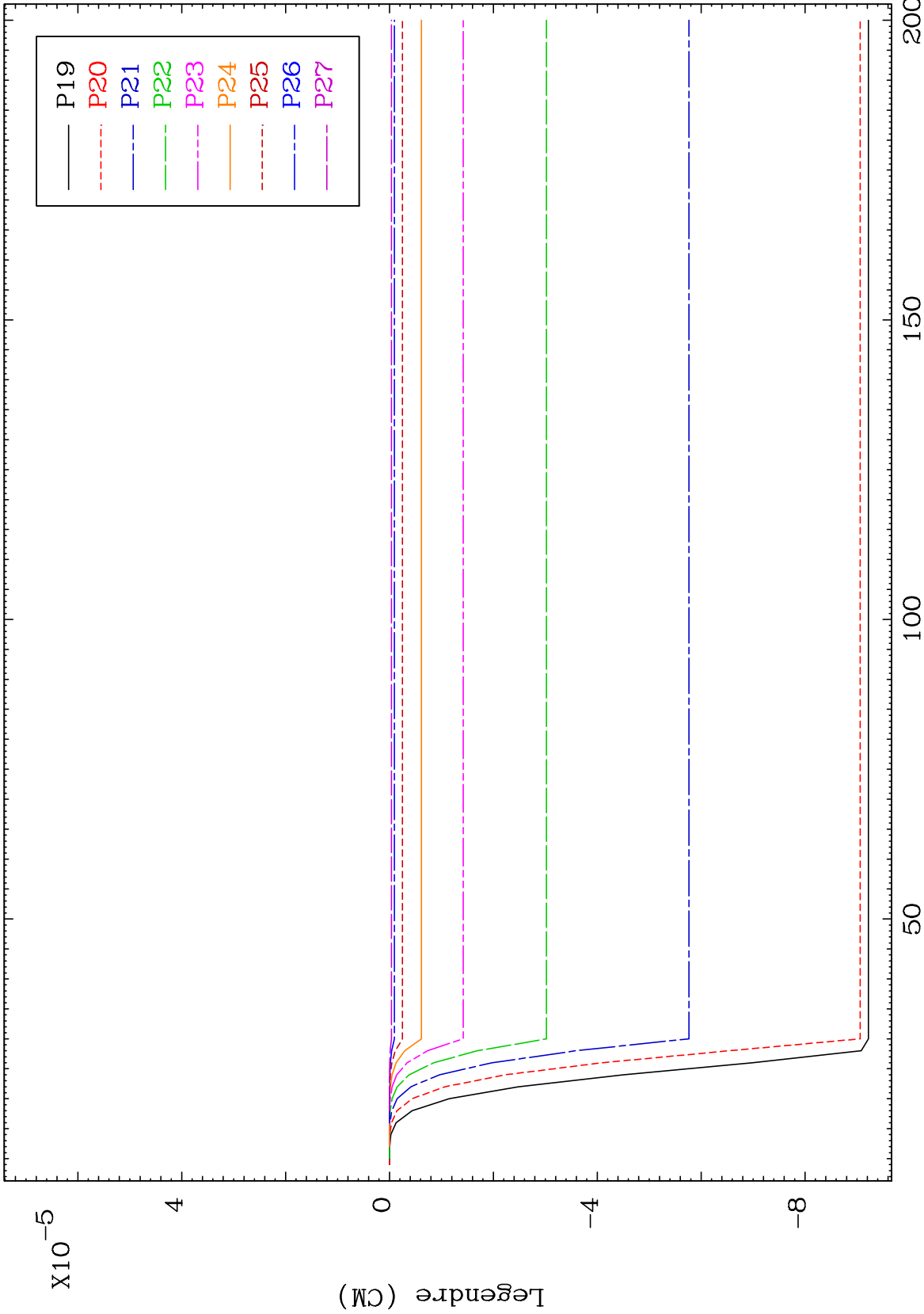
40-Zr-94



MAT 4037

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

40-Zr-94

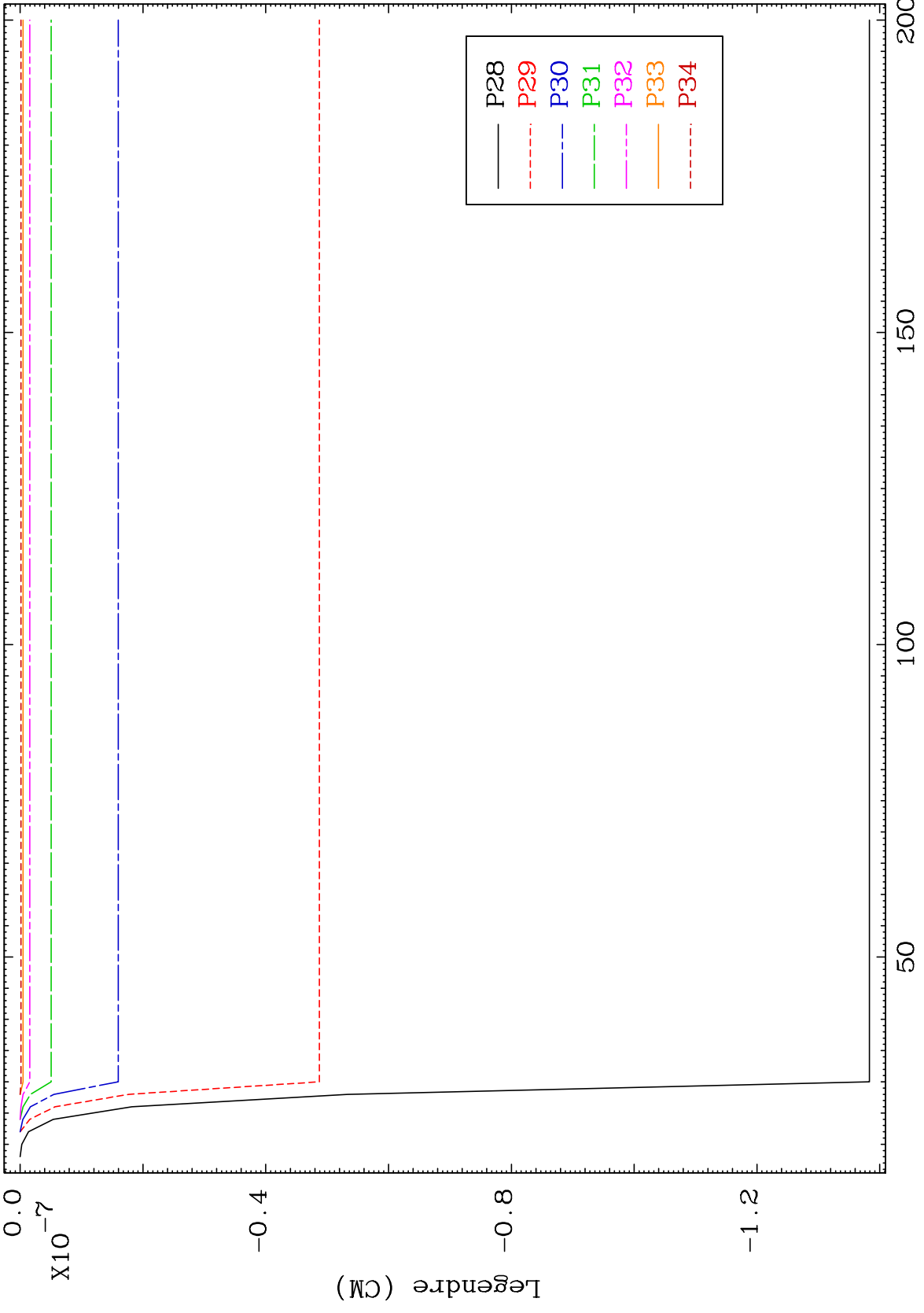


60

Incident Energy (MeV)

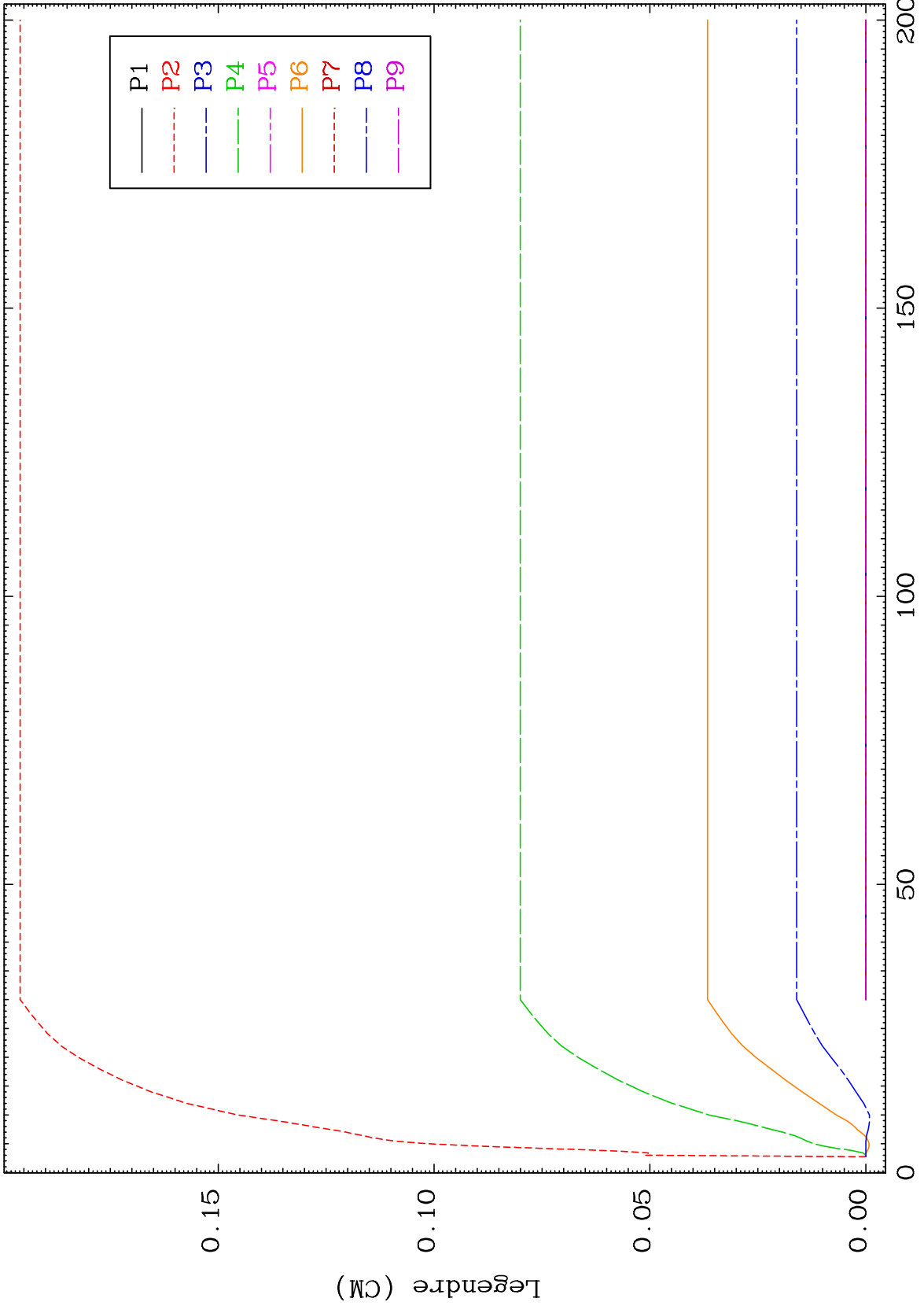
40-Zr-94

MAT 4037 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-94



61 40-Zr-94

MAT 4037 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-94

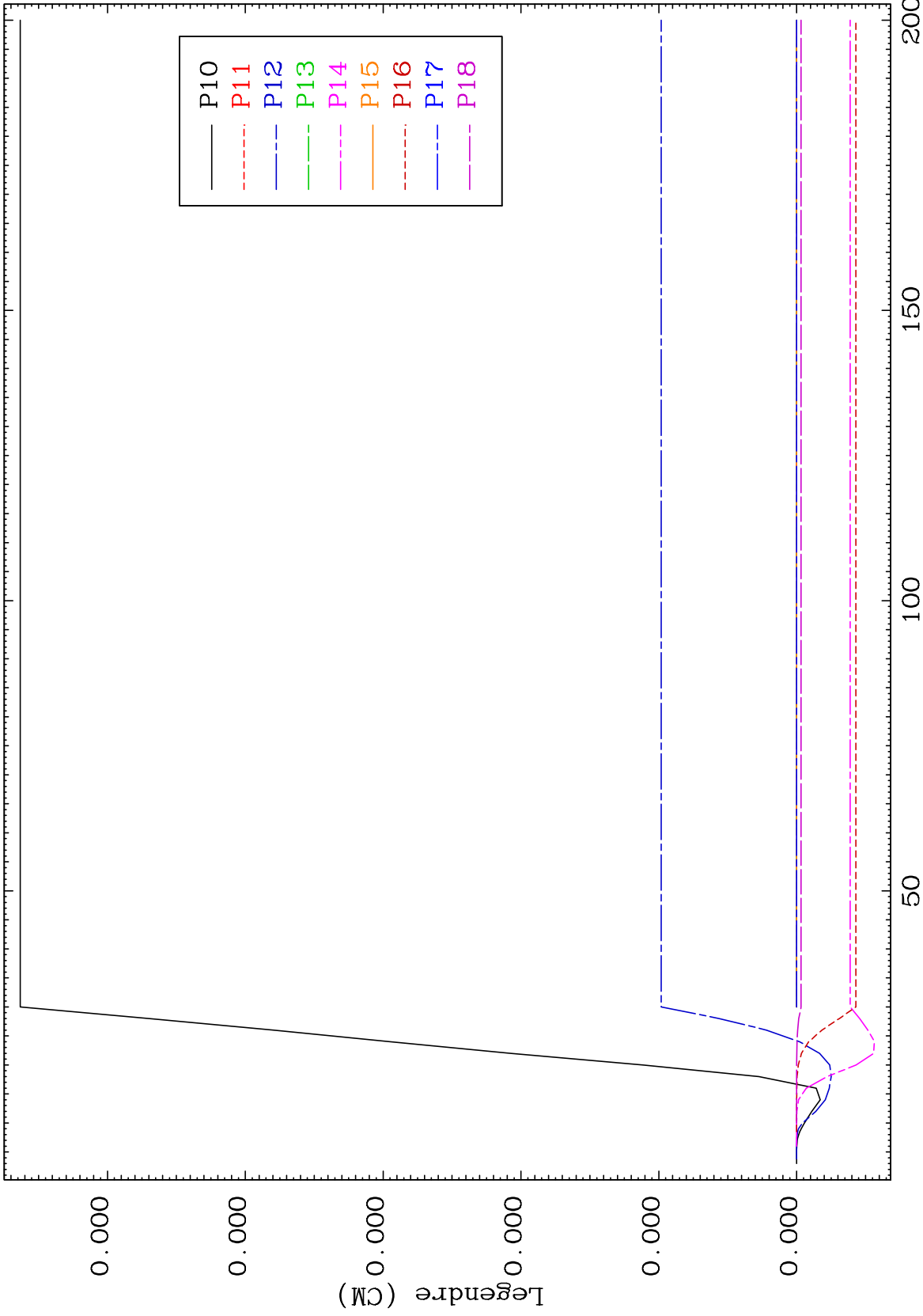


62 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

40-Zr-94

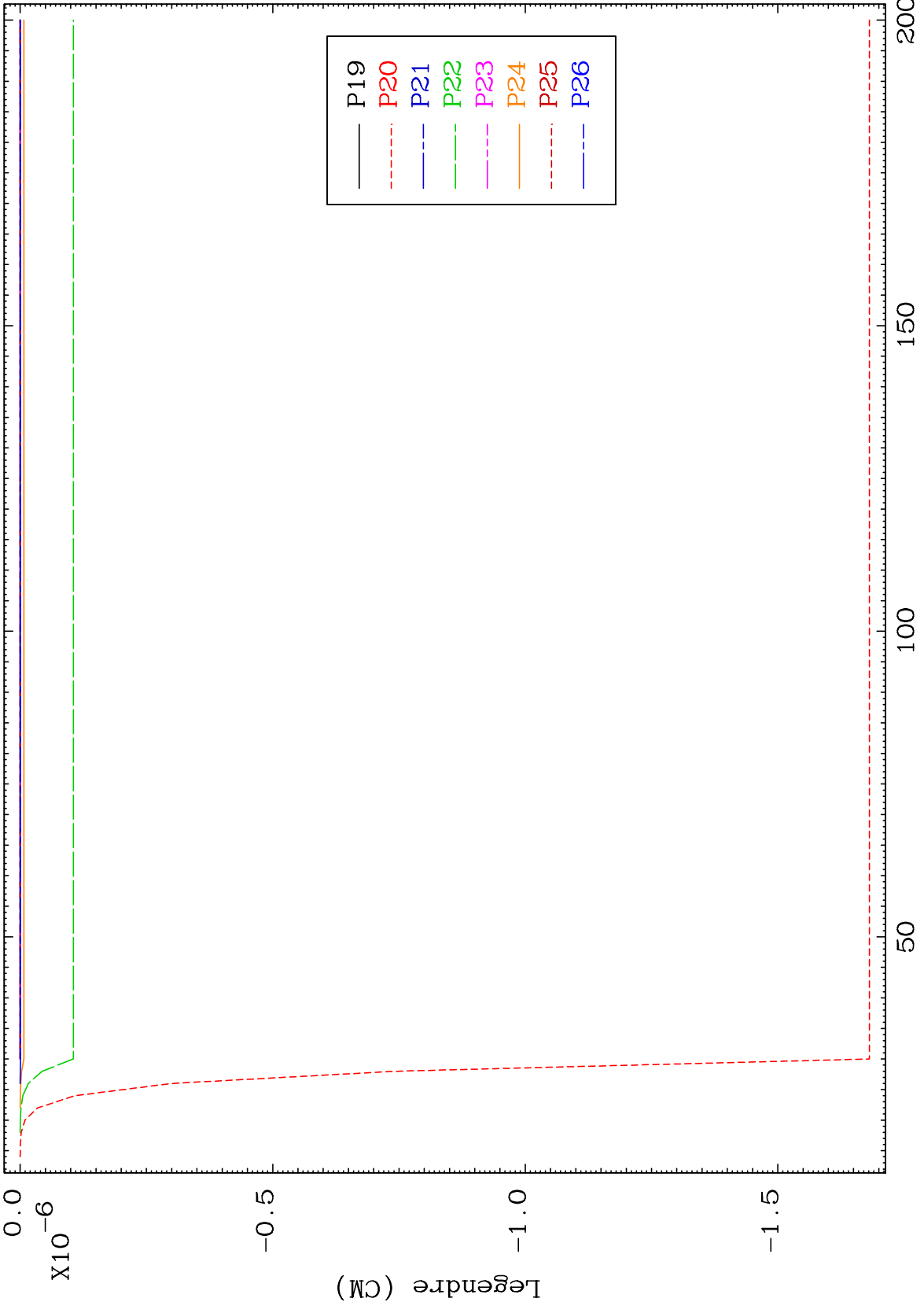


63

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-94

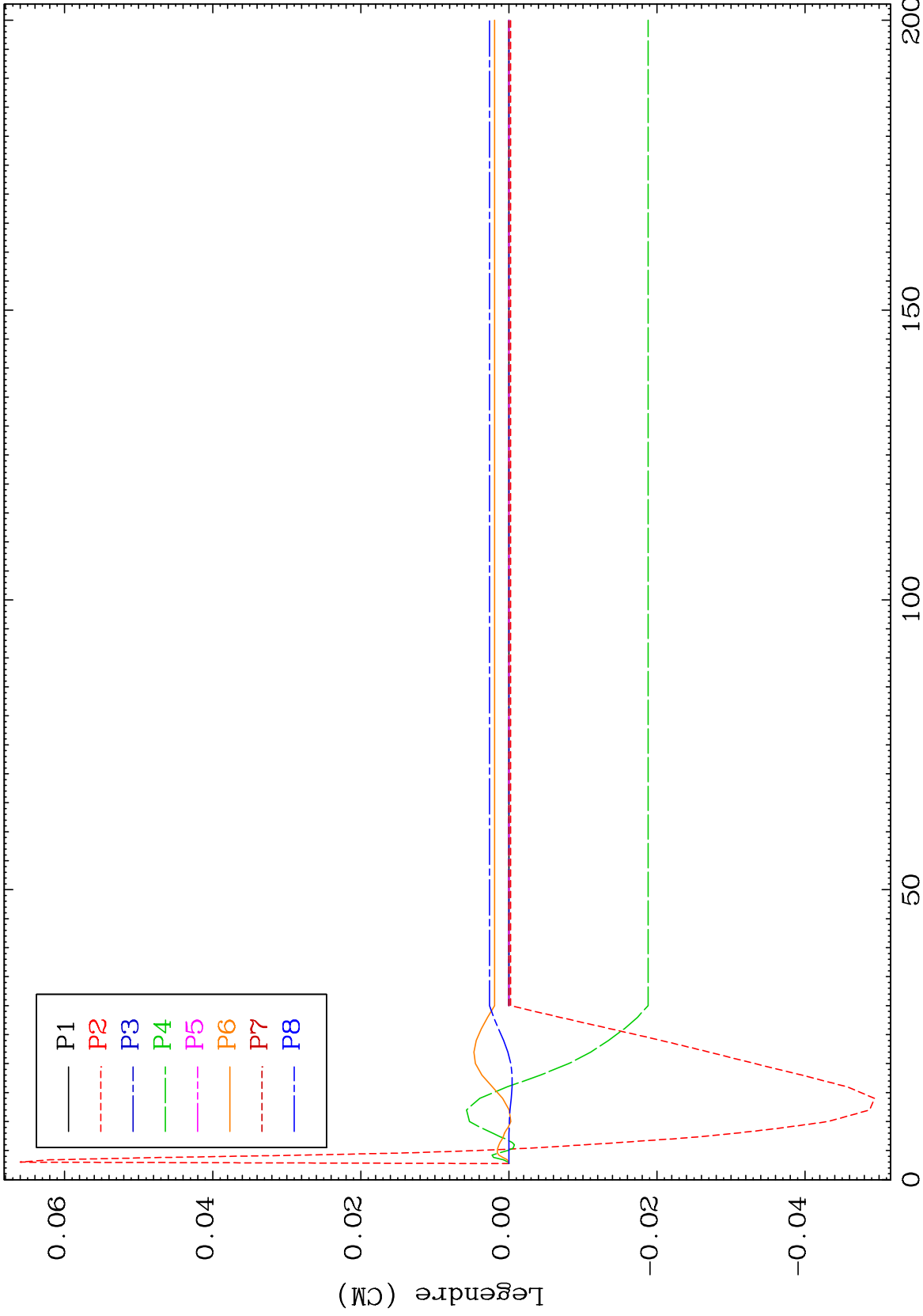


64 40-Zr-94

MAT 4037

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

40-Zr-94



65

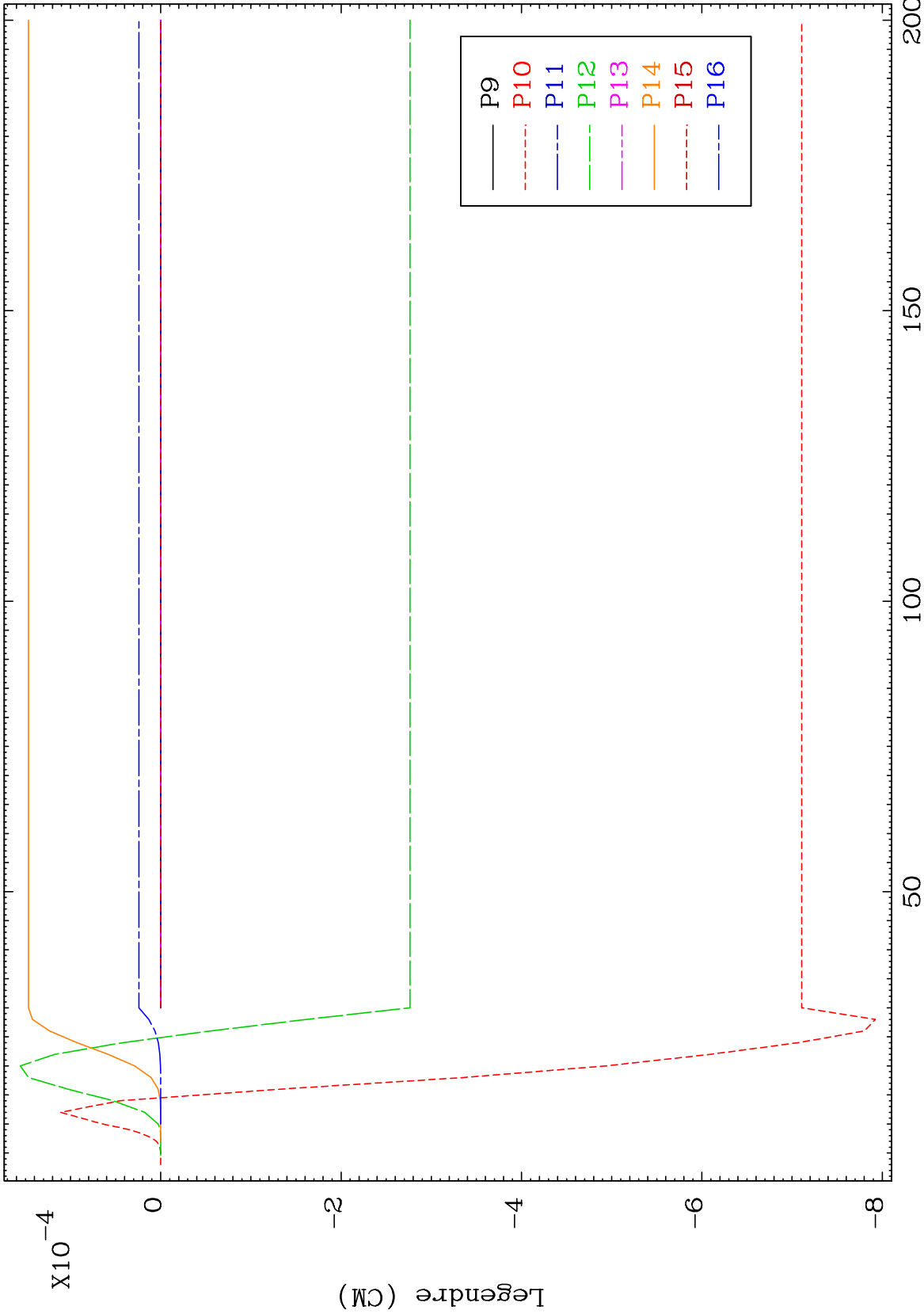
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

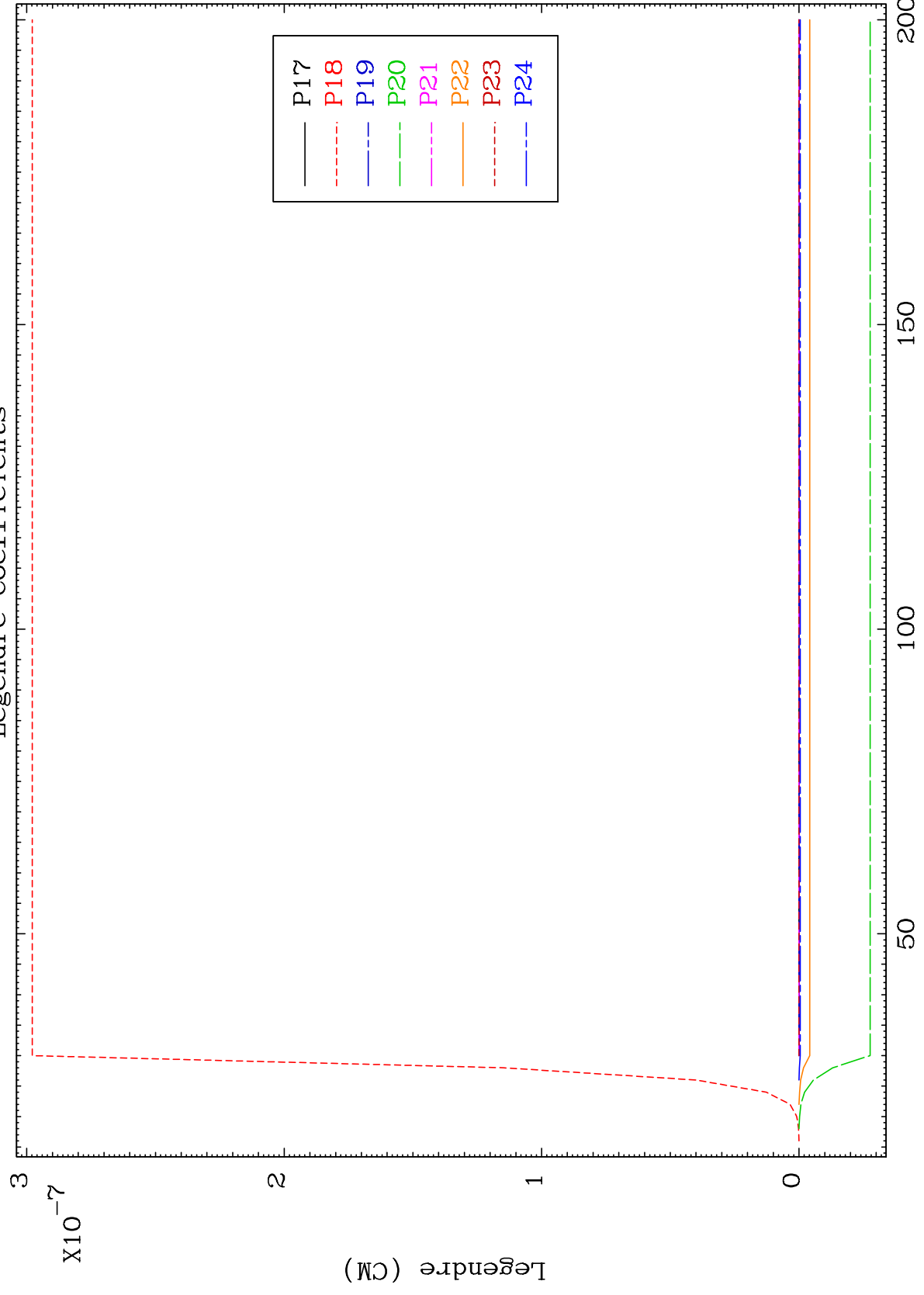


66

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-94



67 40-Zr-94

MAT 4037

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

40-Zr-94



68

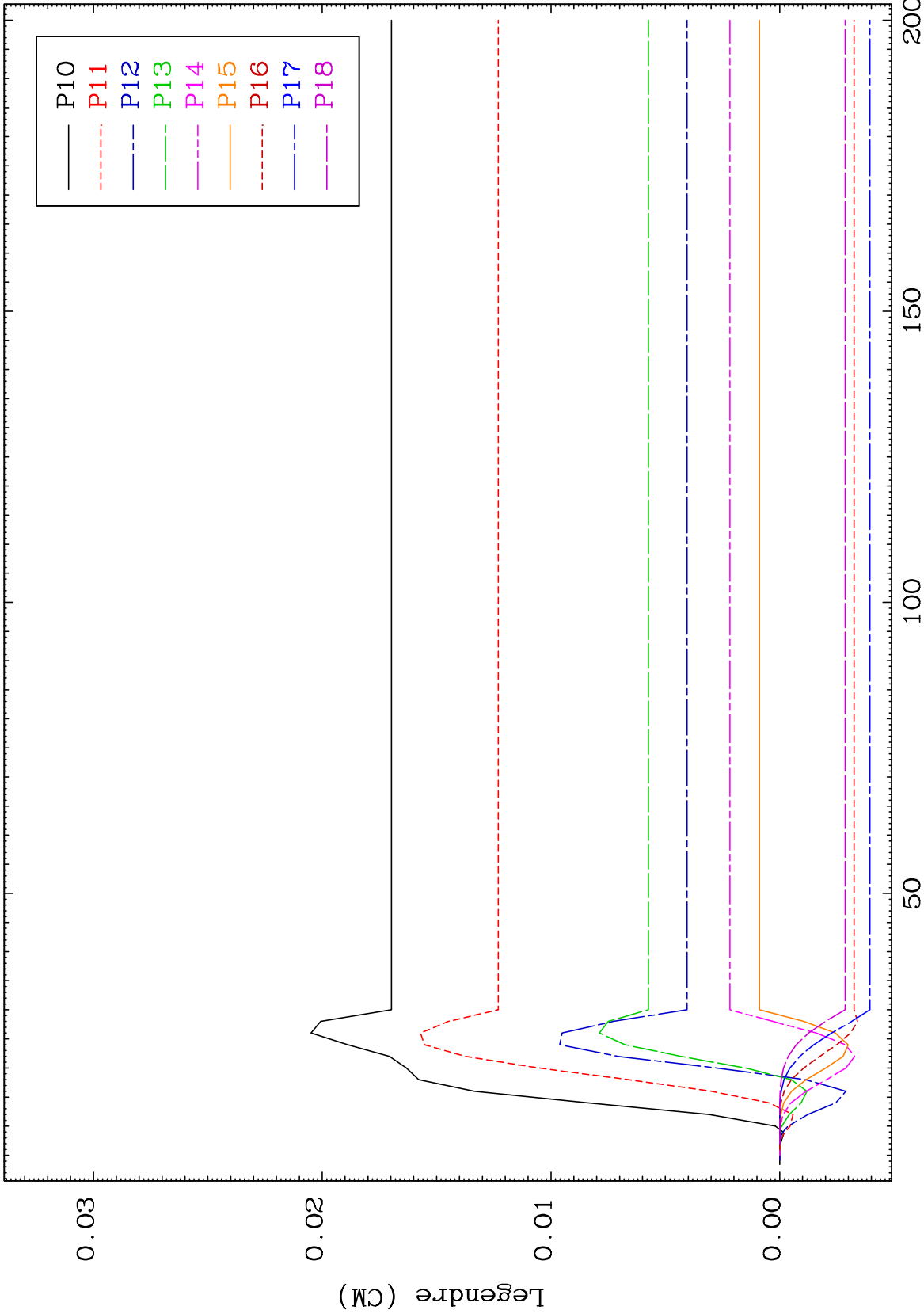
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

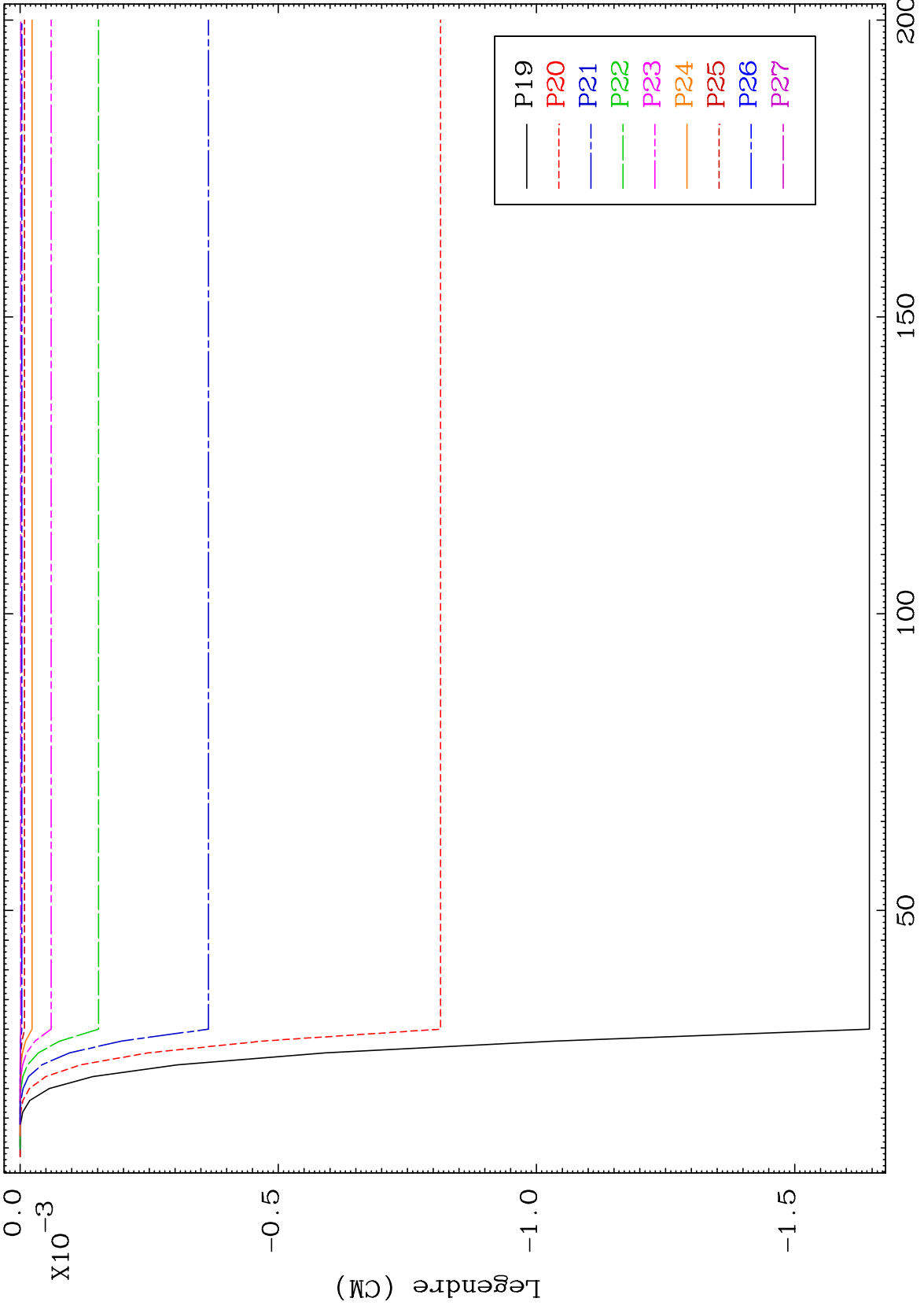


69

Incident Energy (MeV)

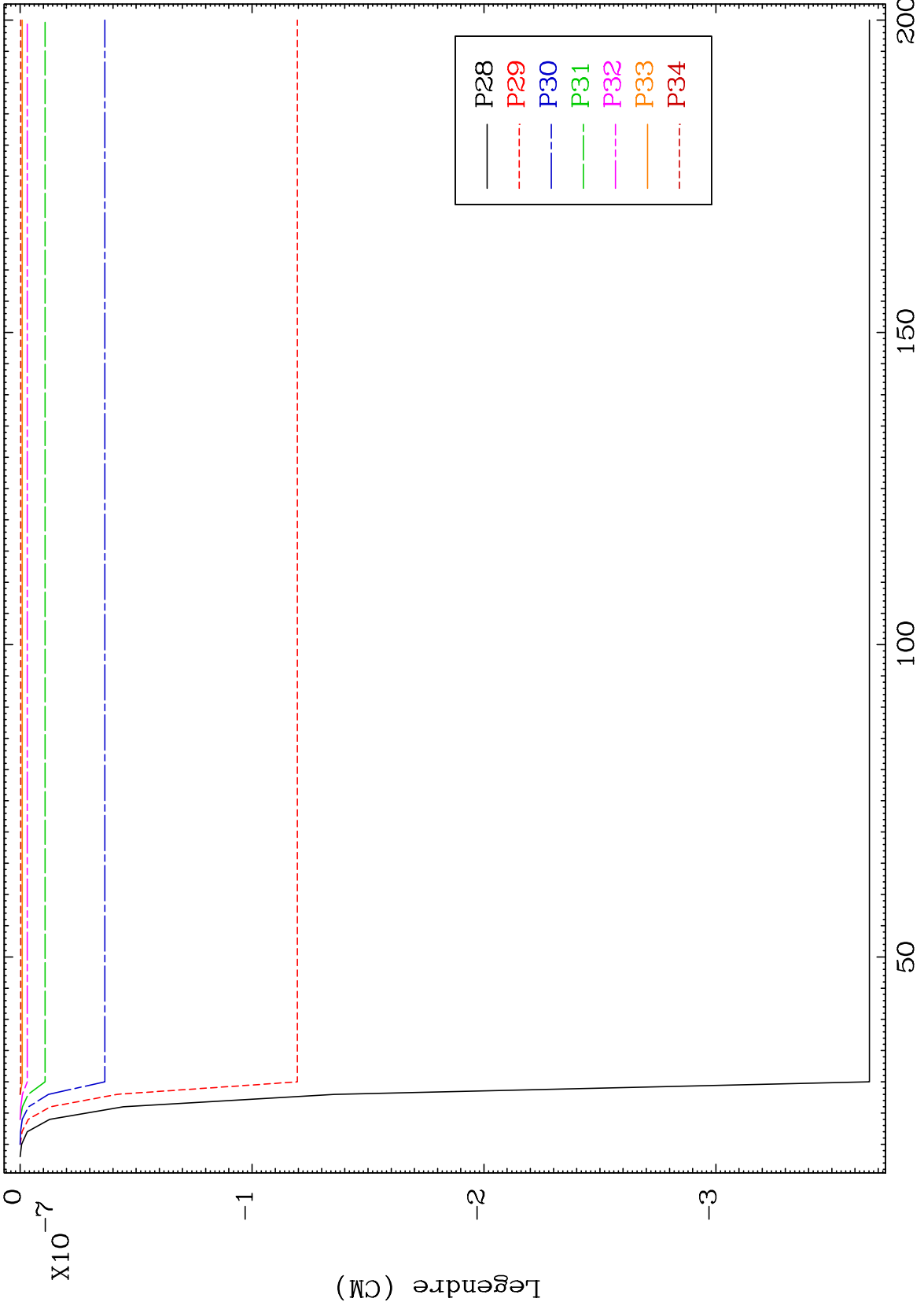
40-Zr-94

MAT 4037 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-94



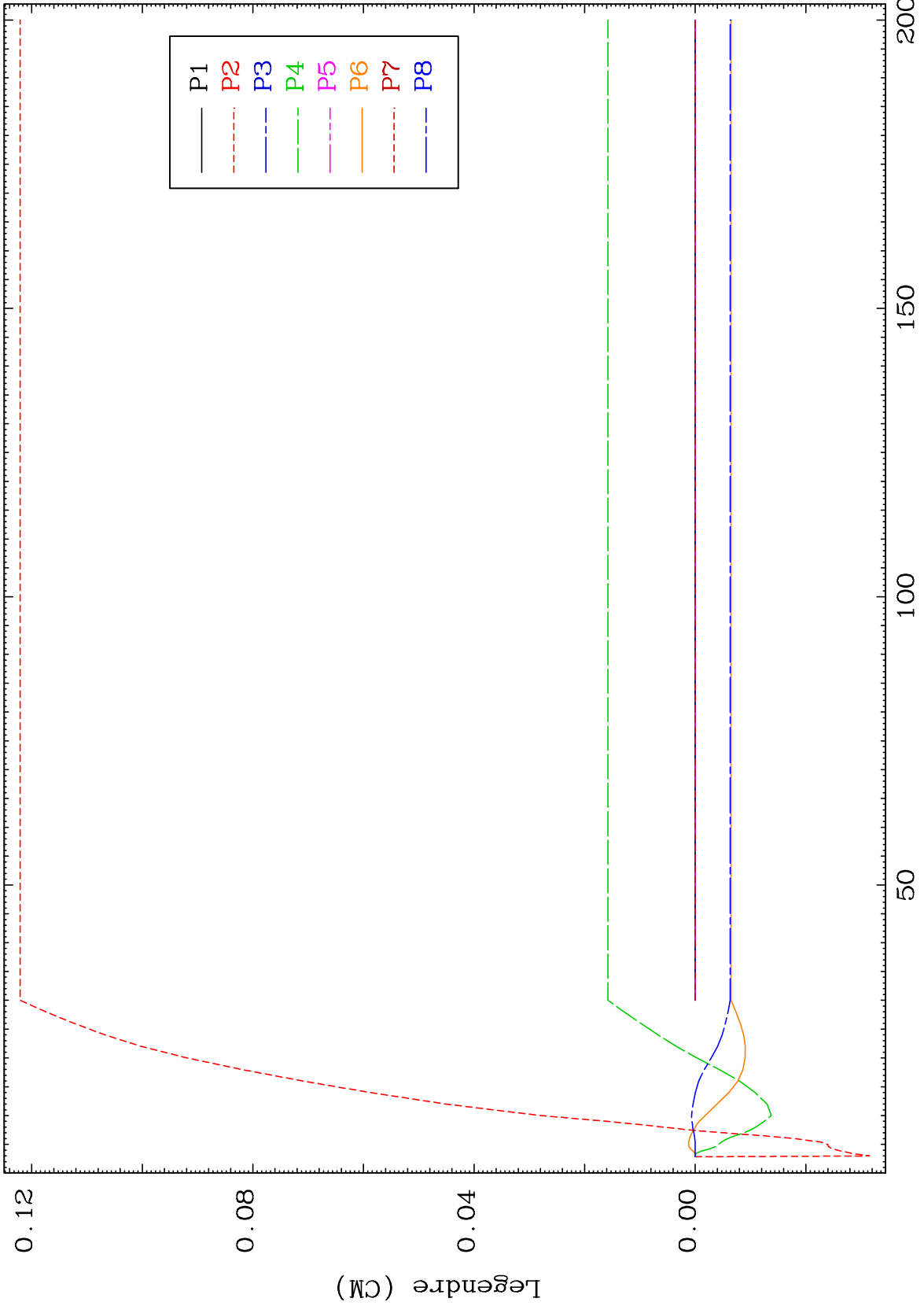
70 50 100 150 200 40-Zr-94

MAT 4037 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-94



71 40-Zr-94

MAT 4037 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-94

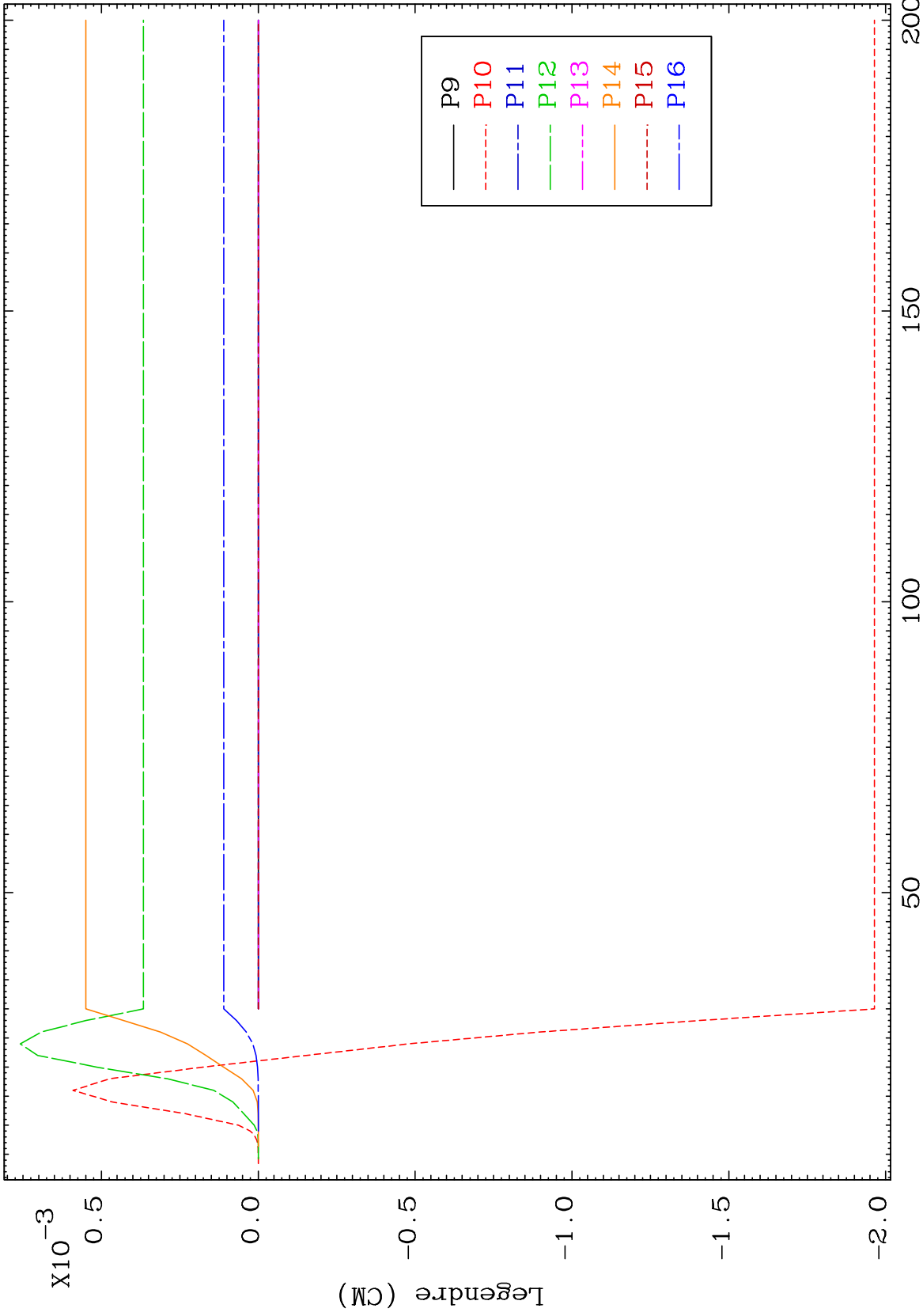


72 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

40-Zr-94

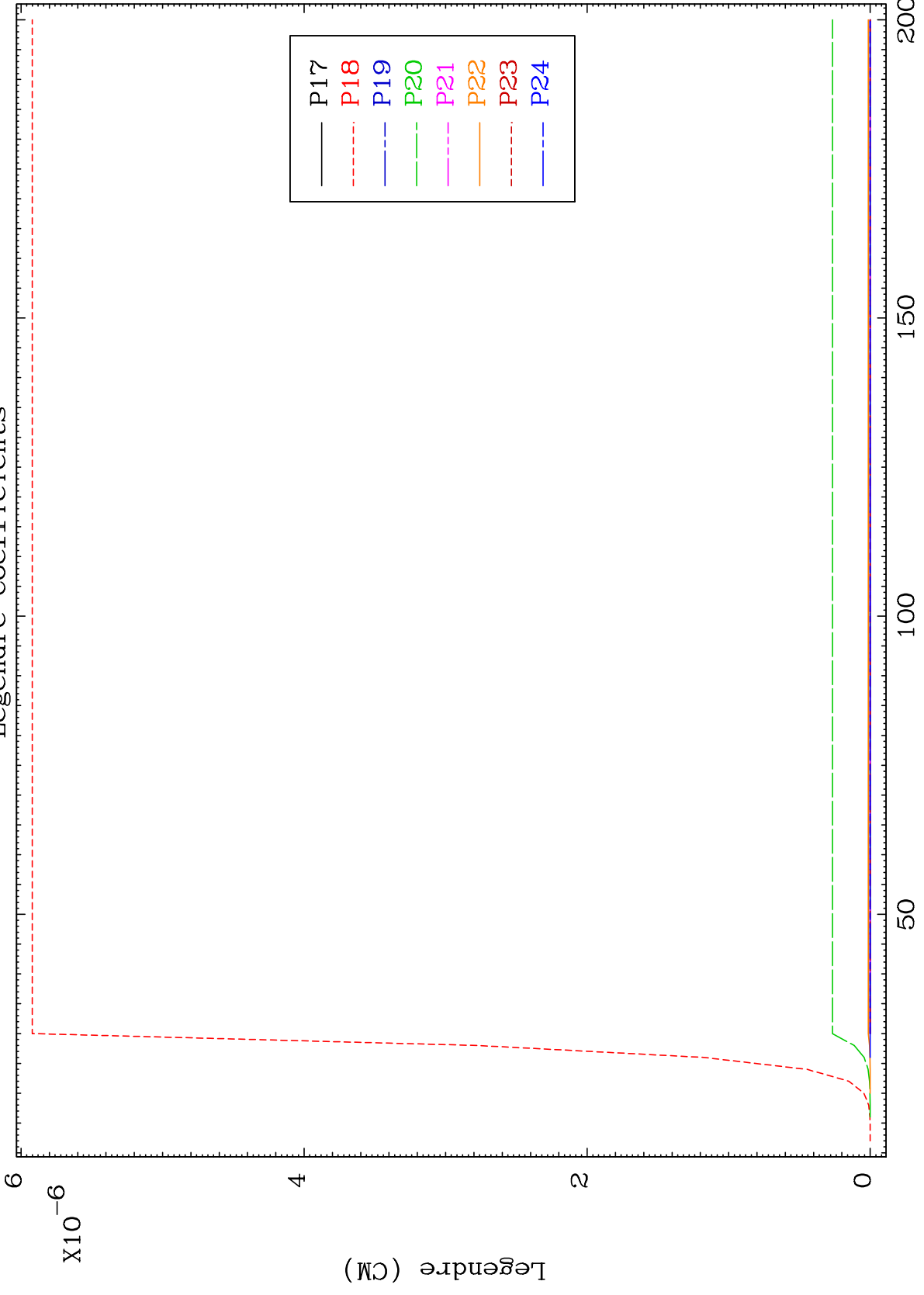


73

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-94

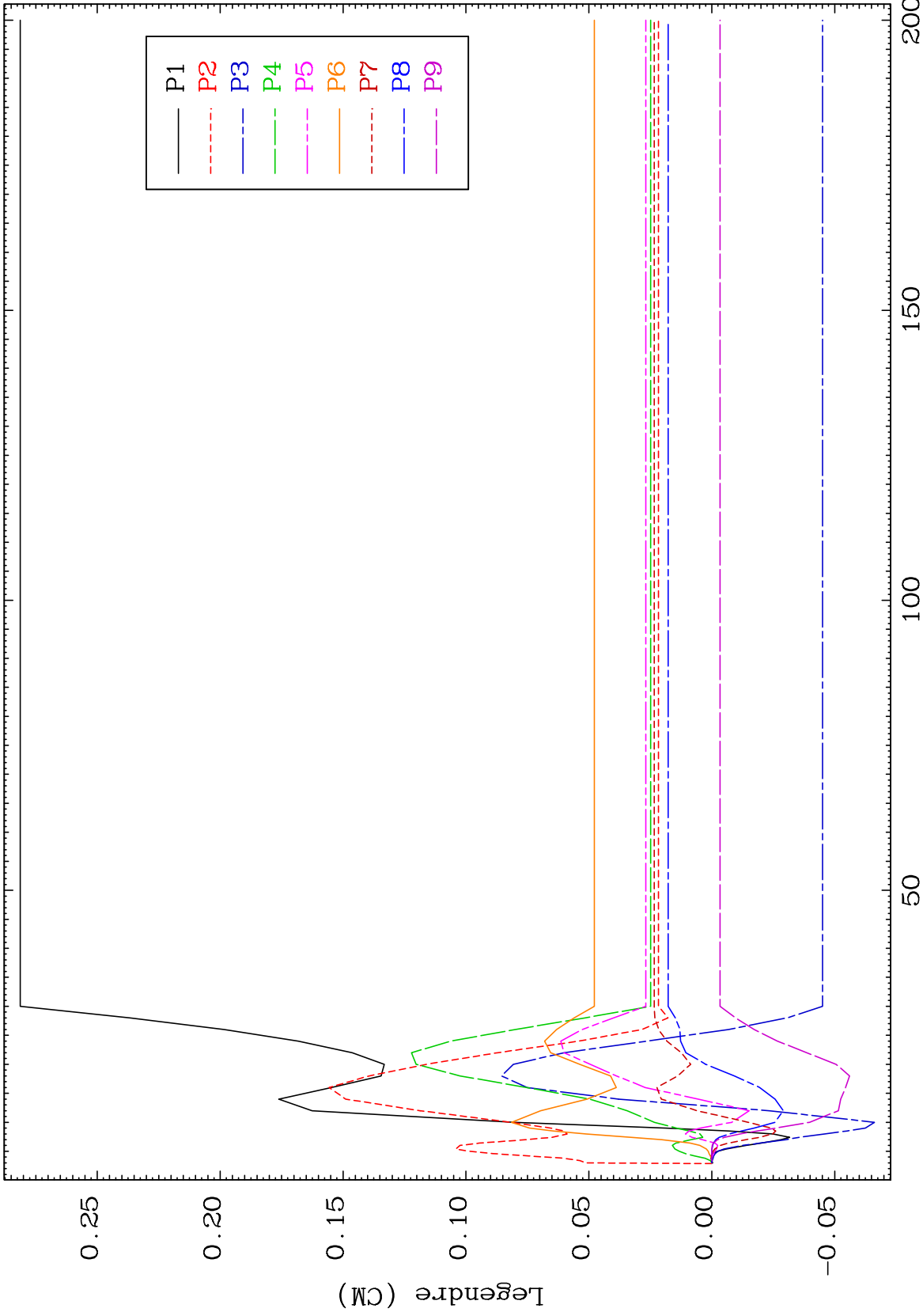


74 40-Zr-94

MAT 4037

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

40-Zr-94



75

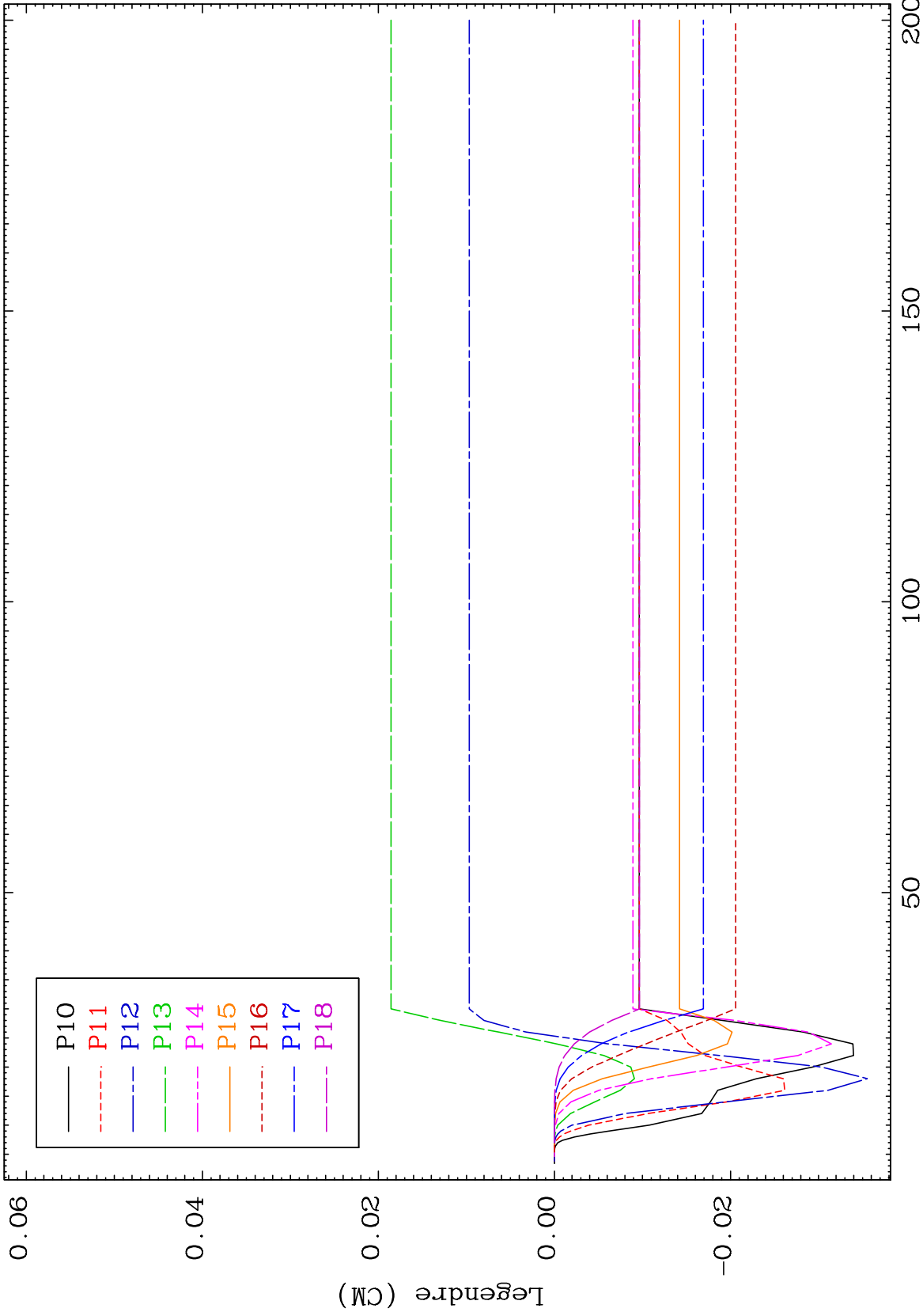
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

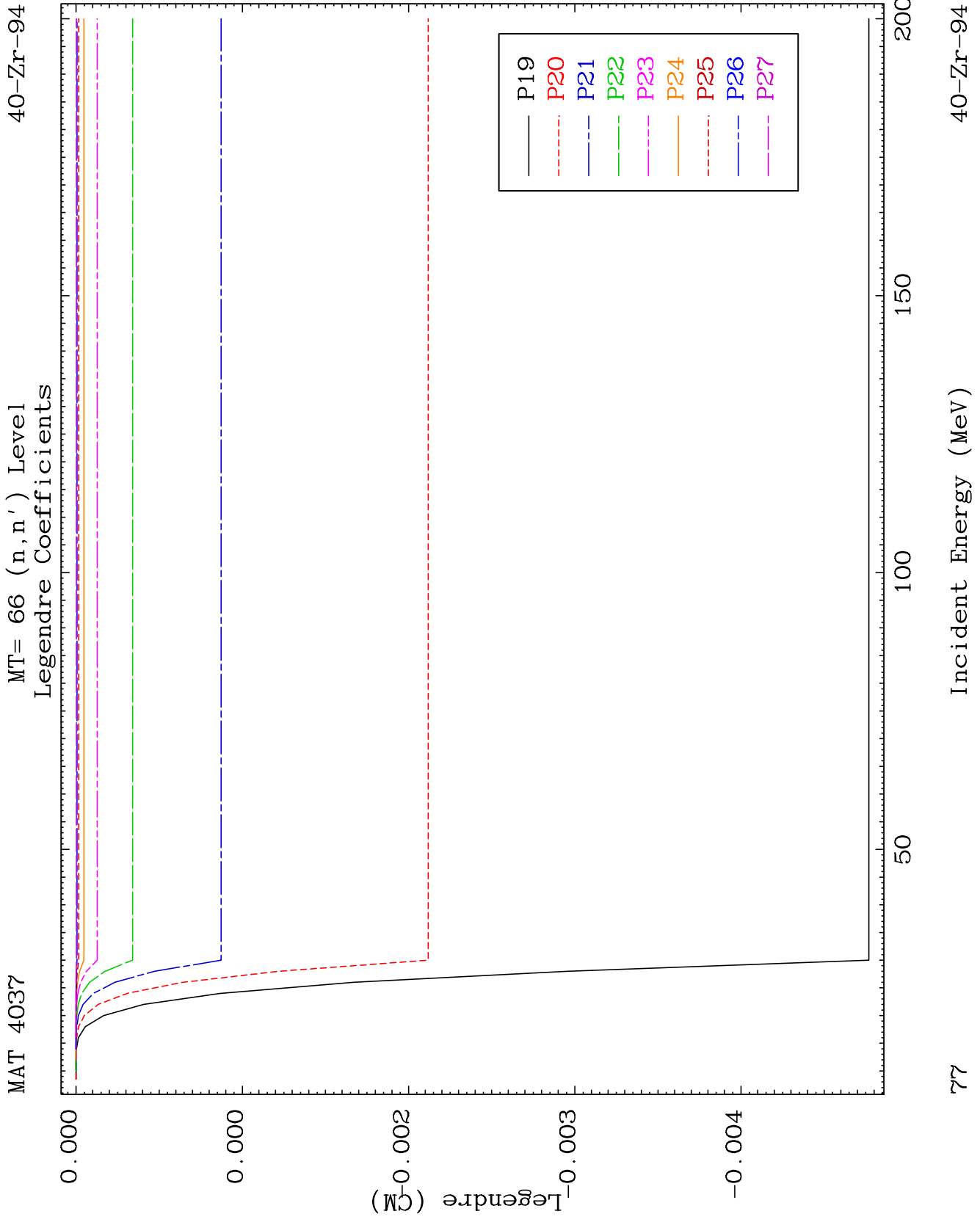
40-Zr-94



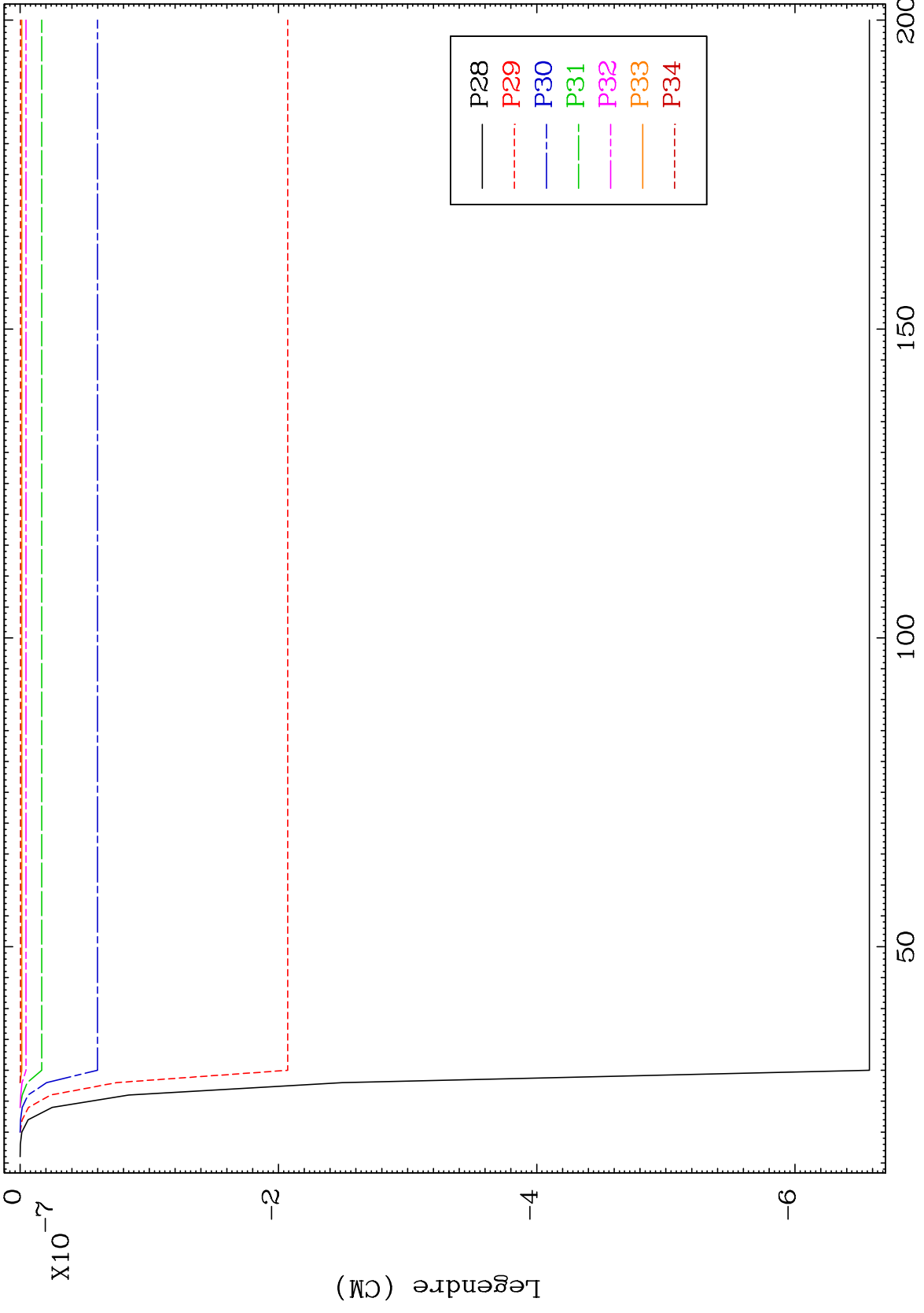
76

Incident Energy (MeV)

40-Zr-94



MAT 4037 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-94

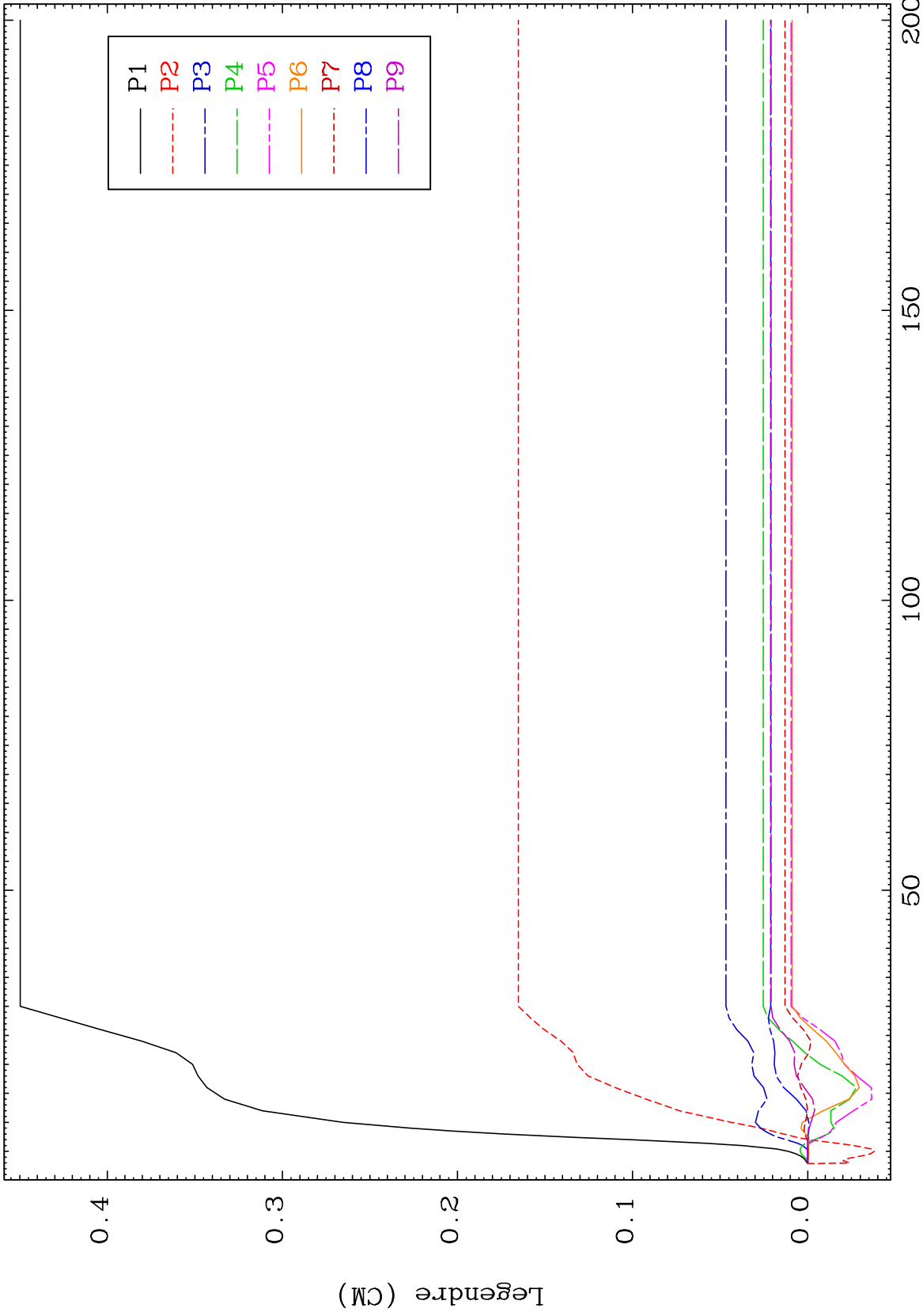


78 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

40-Zr-94



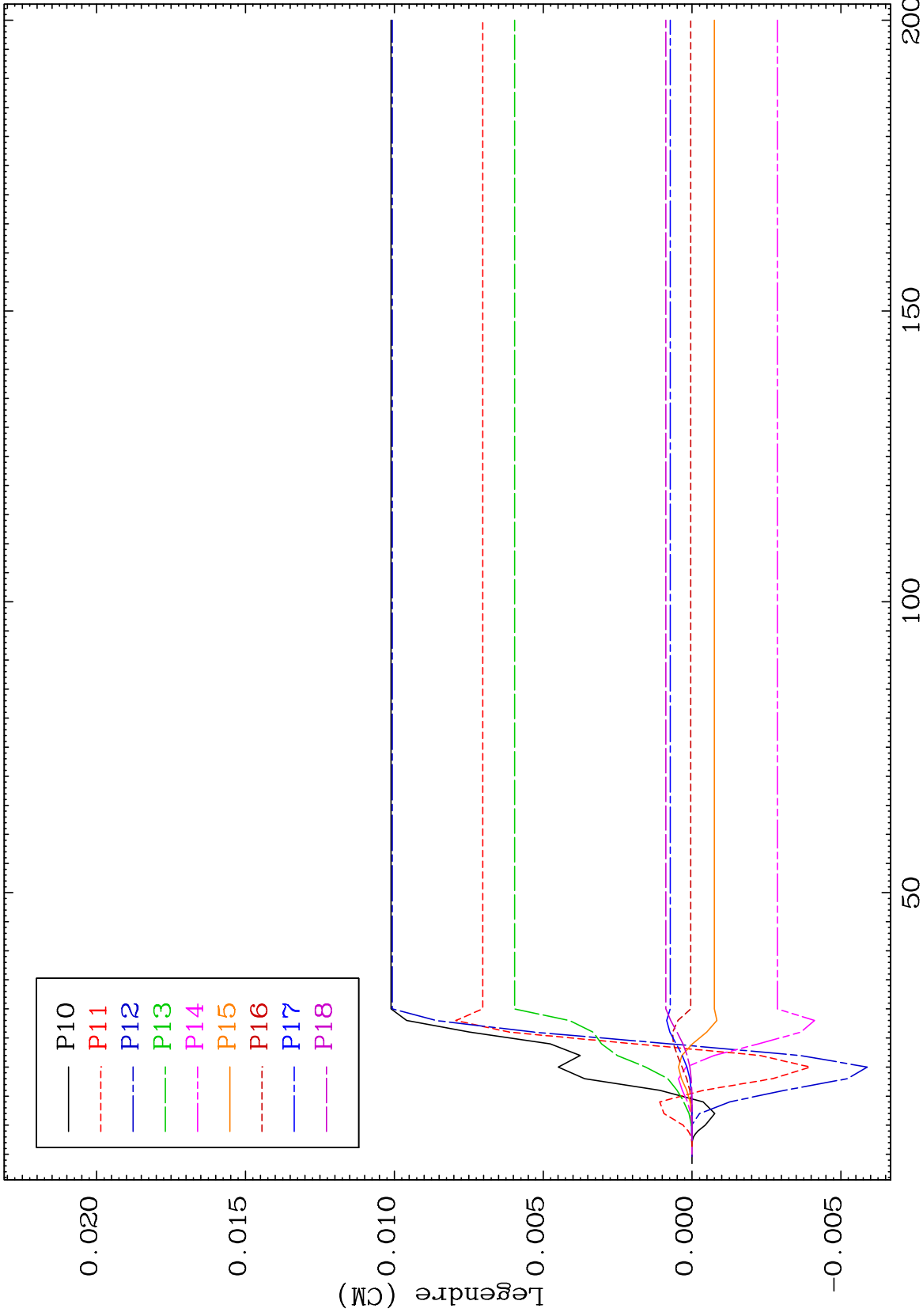
79

40-Zr-94

MAT 4037

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

40-Zr-94

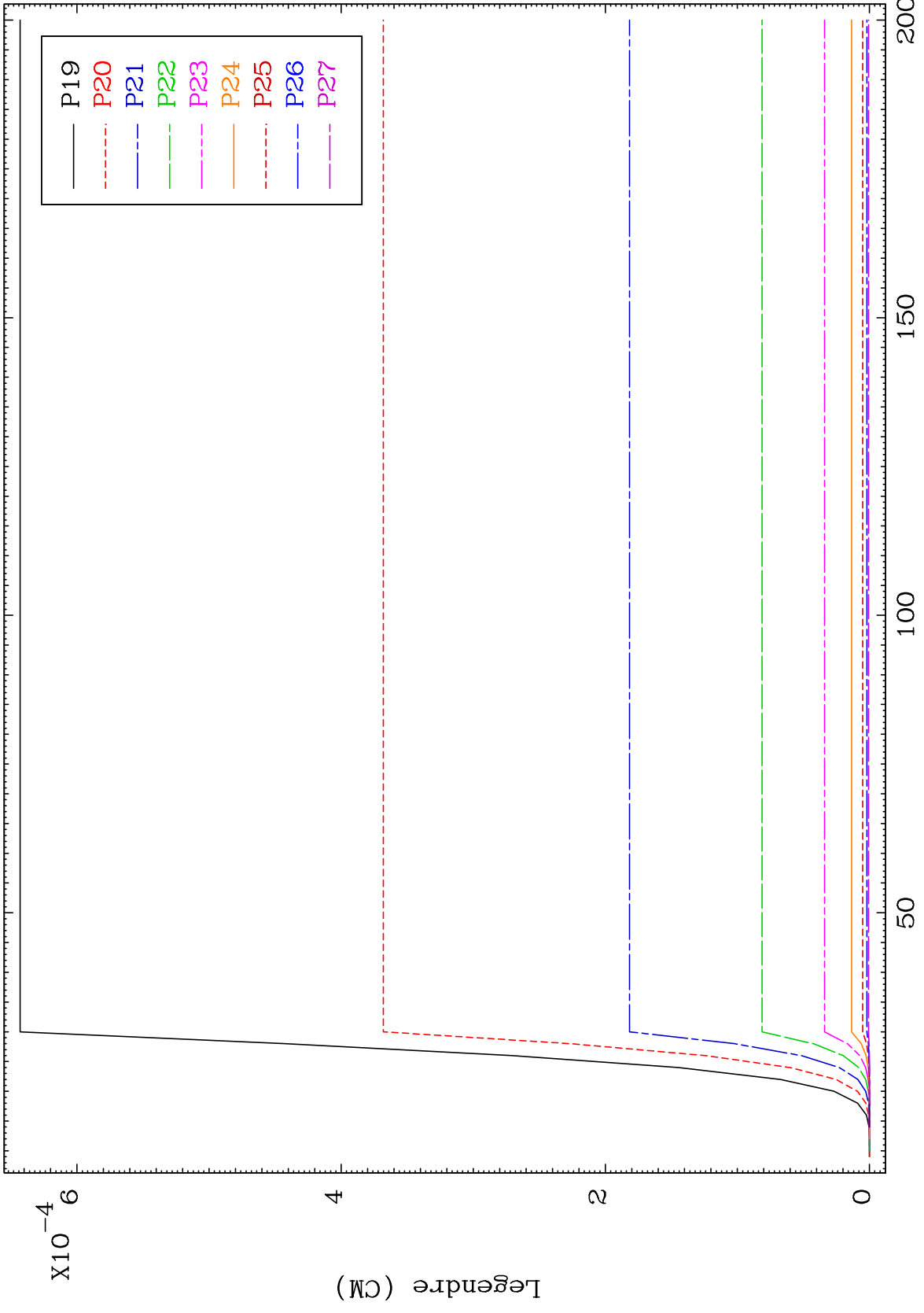


80

Incident Energy (MeV)

40-Zr-94

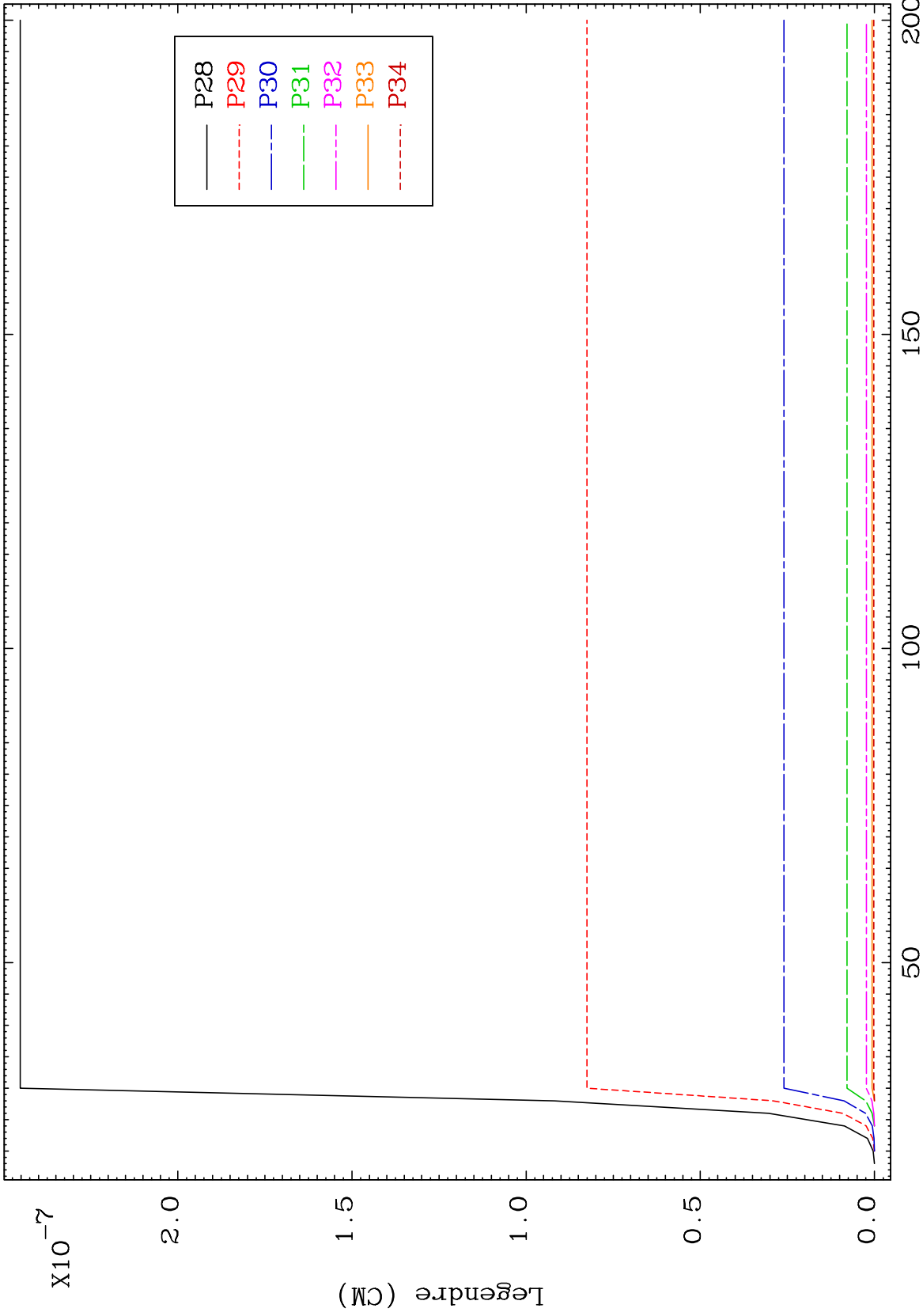
MAT 4037 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037

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

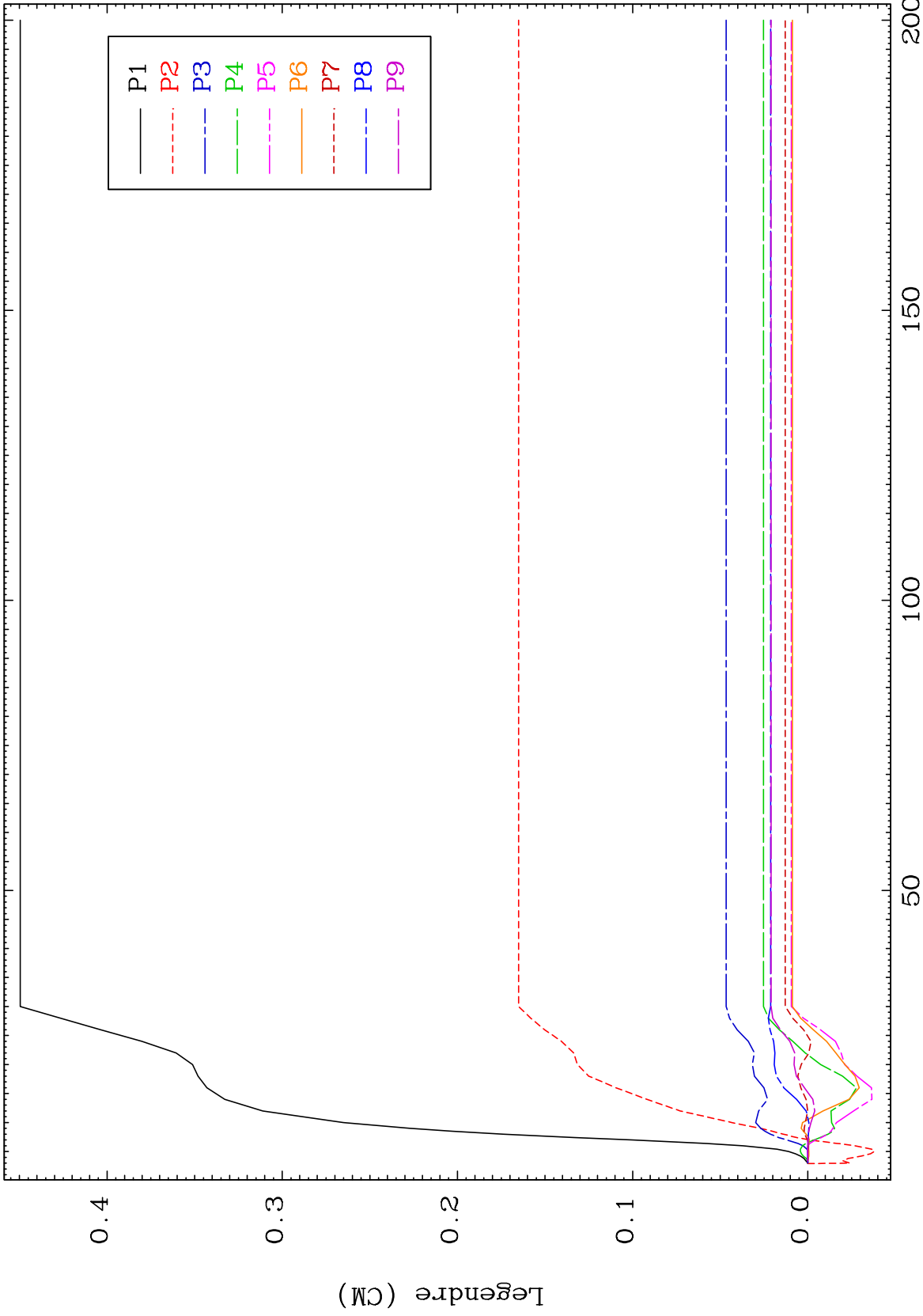
40-Zr-94



MAT 4037

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

40-Zr-94



83

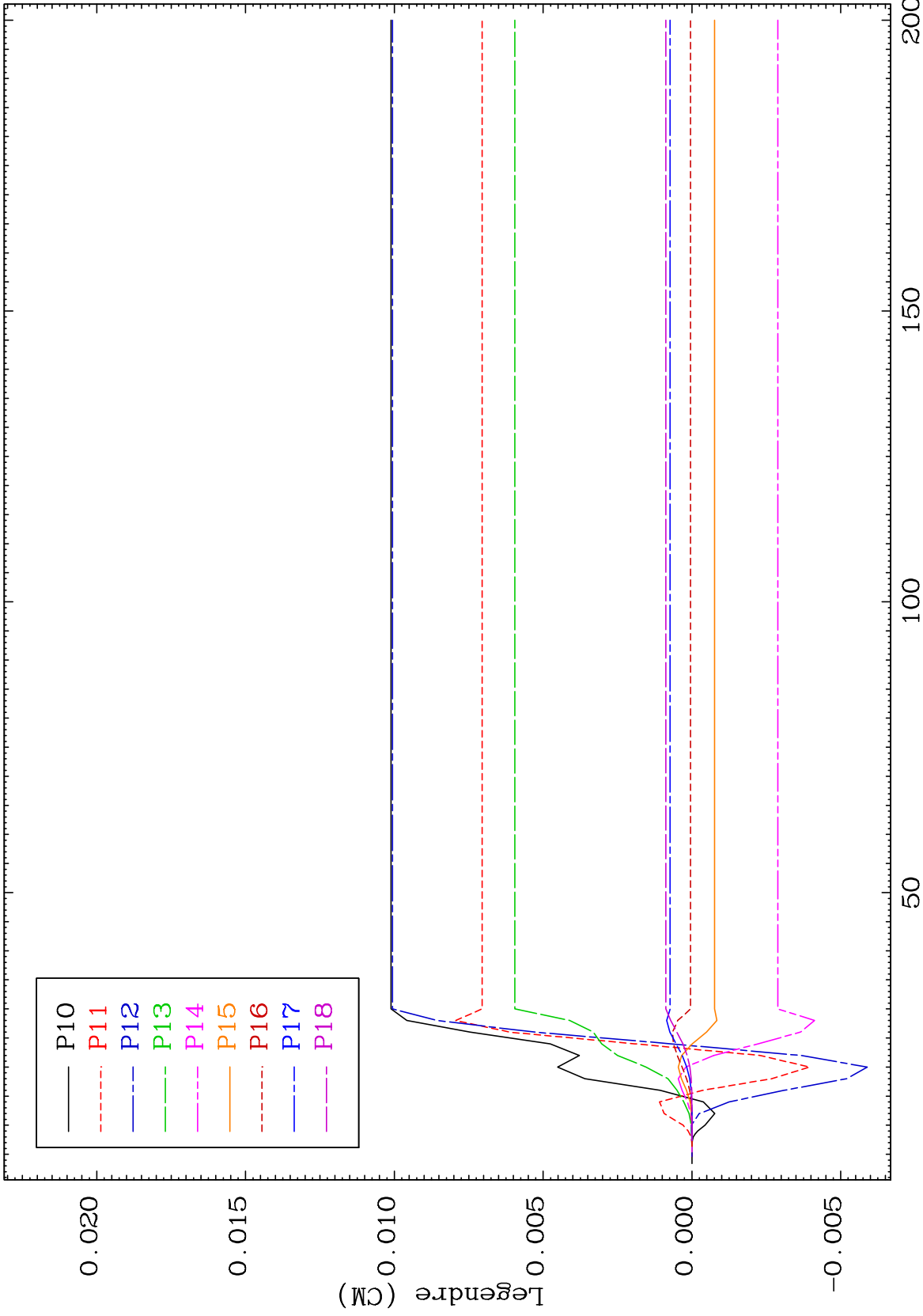
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

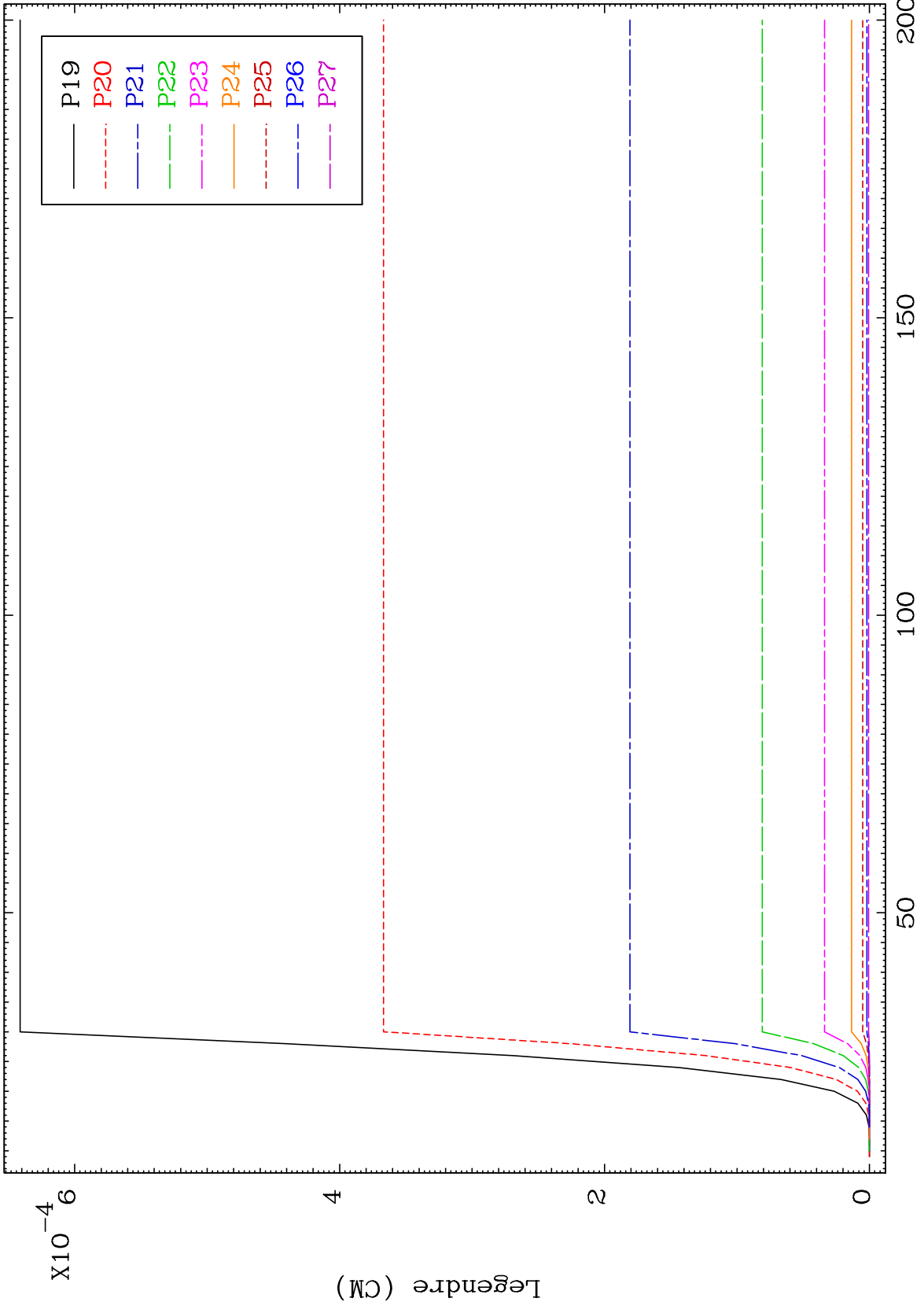
40-Zr-94



84

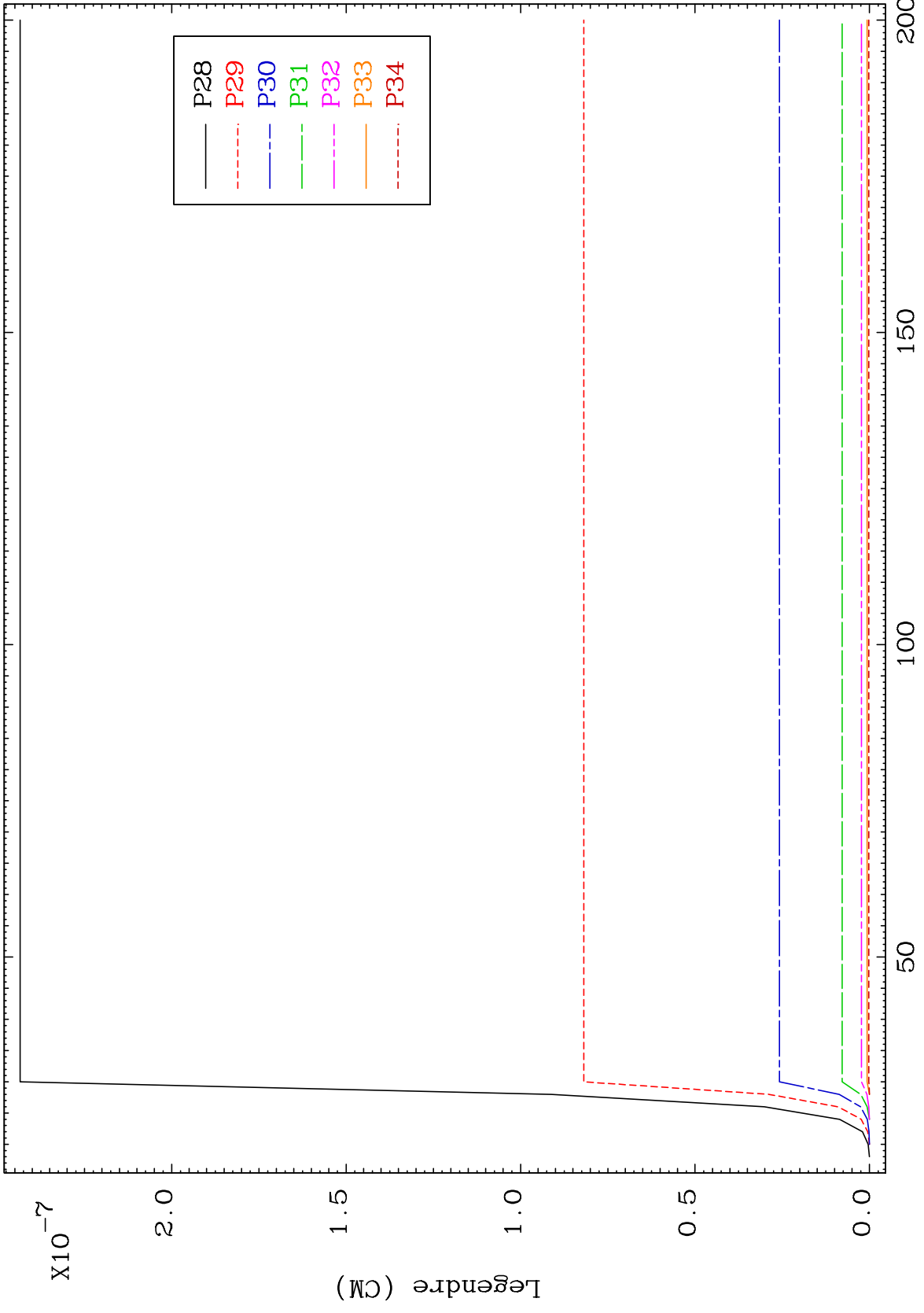
40-Zr-94

MAT 4037 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-94

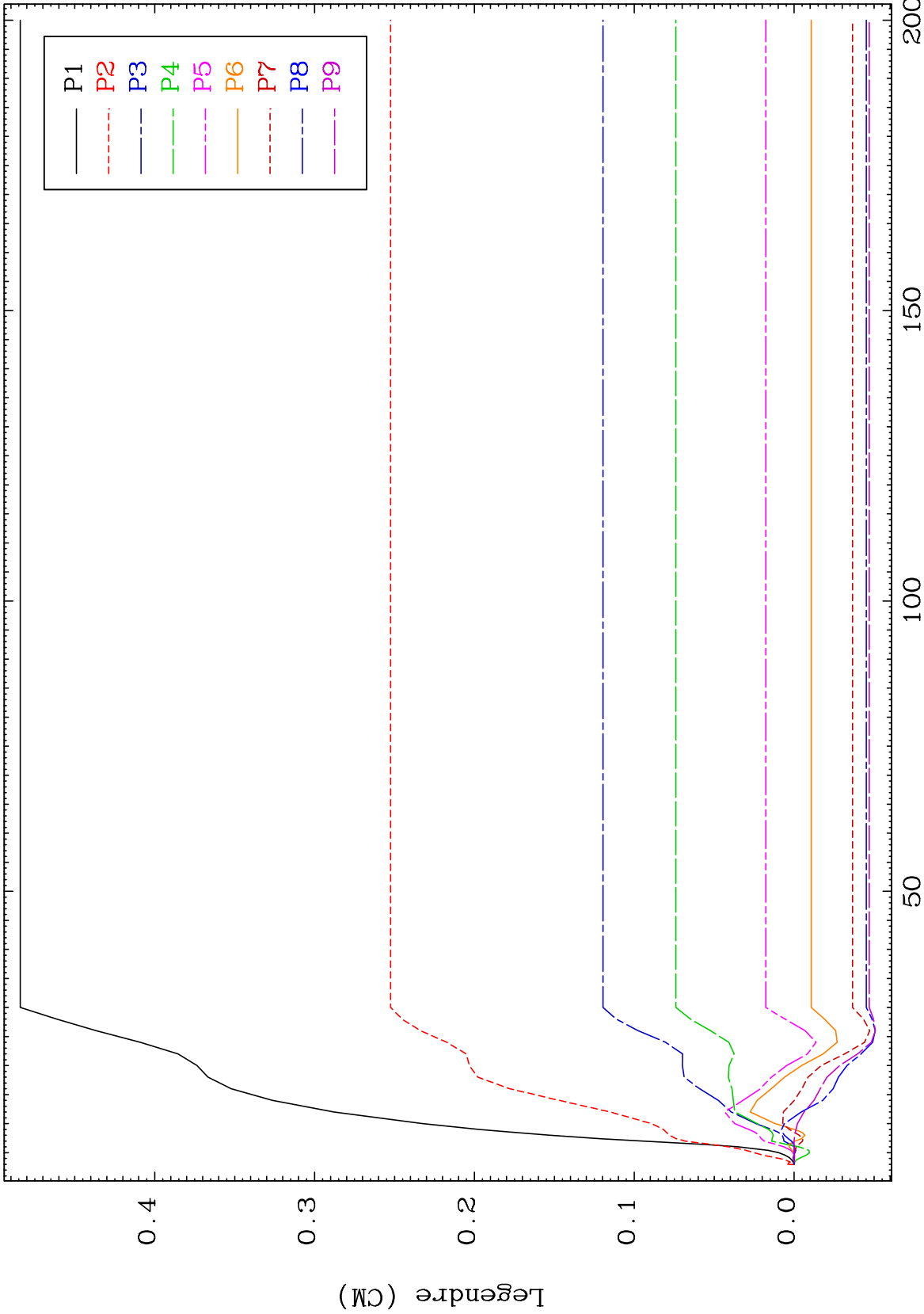


85 50 100 150 200 40-Zr-94

MAT 4037 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-94

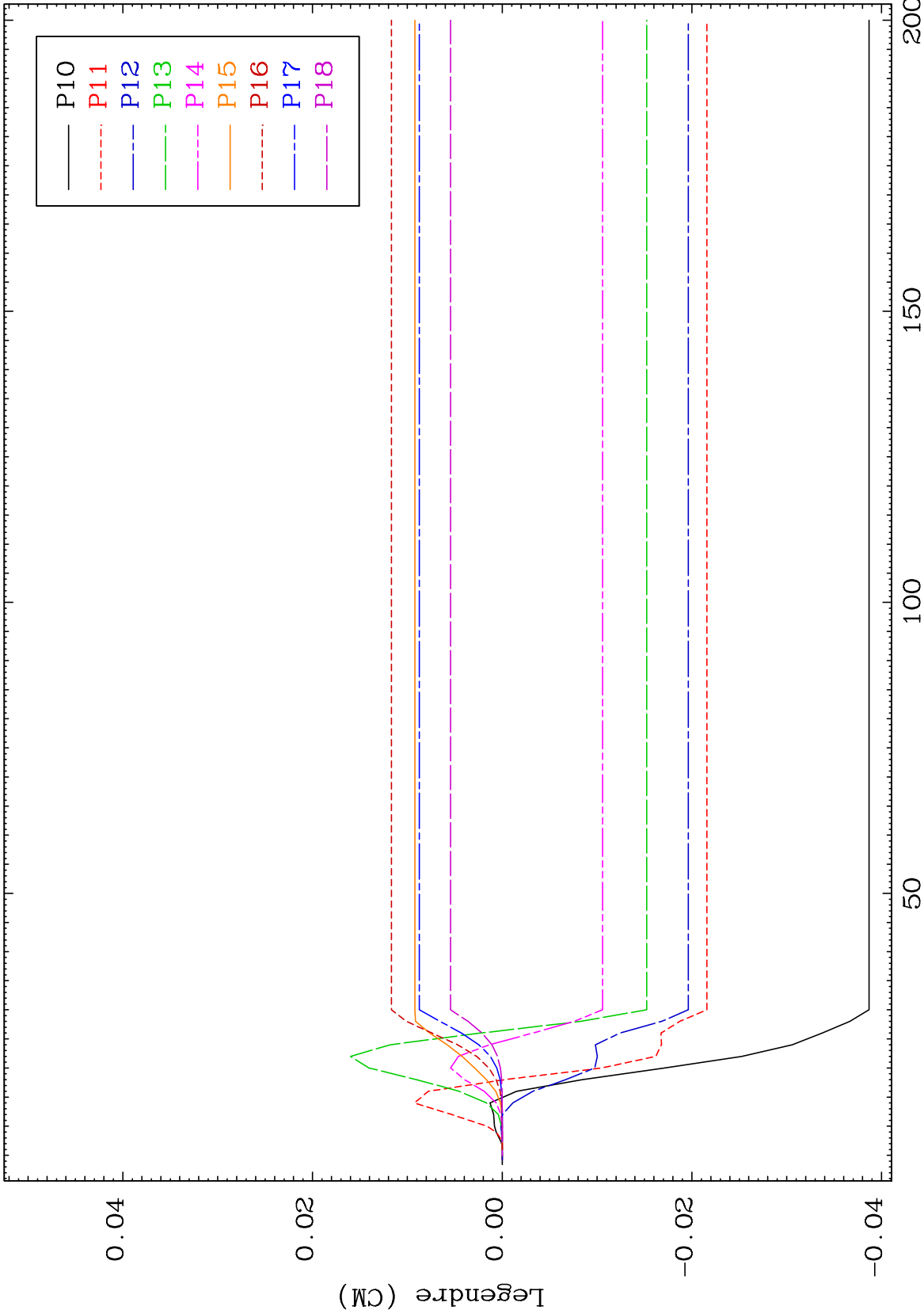


87 40-Zr-94

MAT 4037

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

40-Zr-94

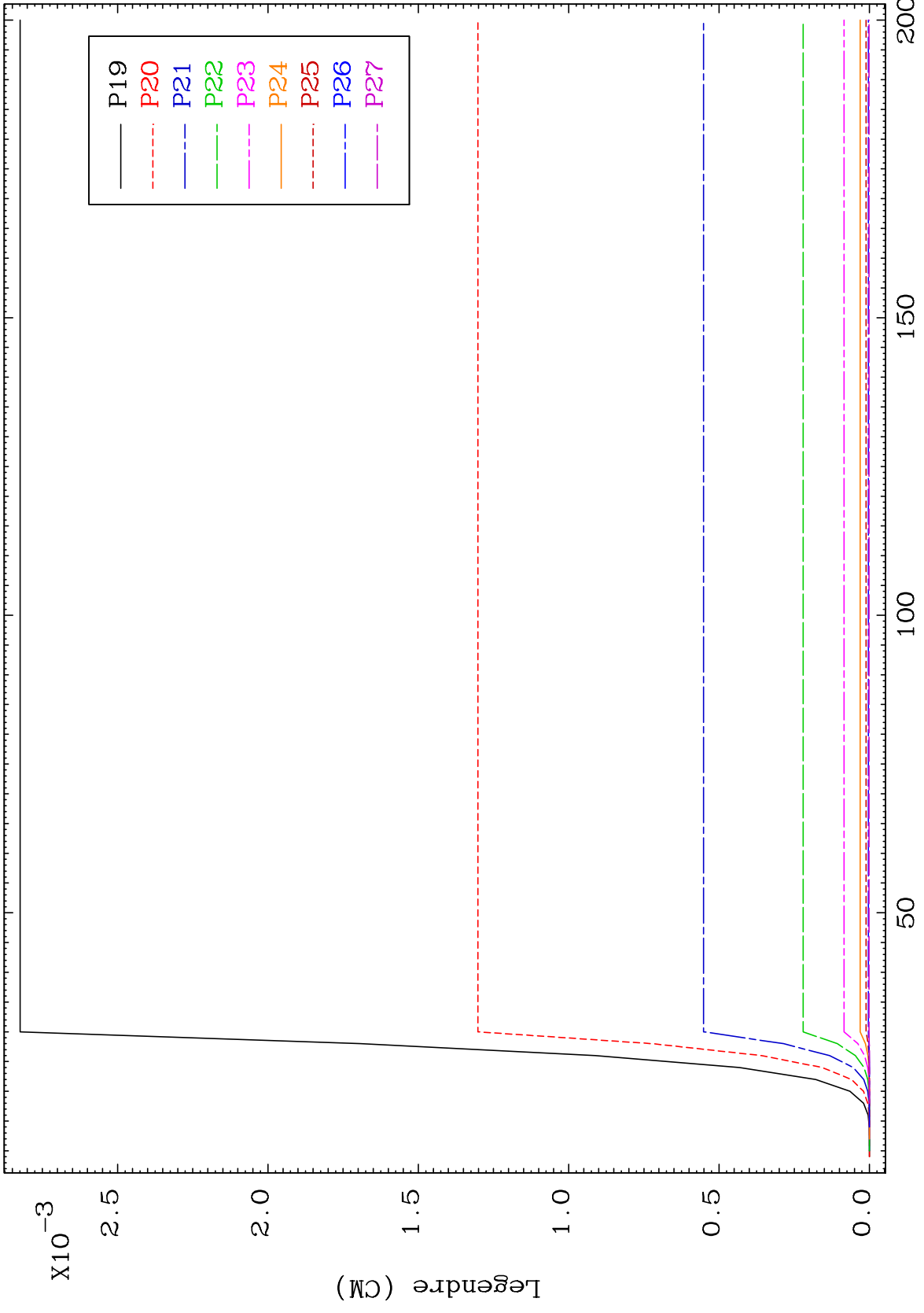


88

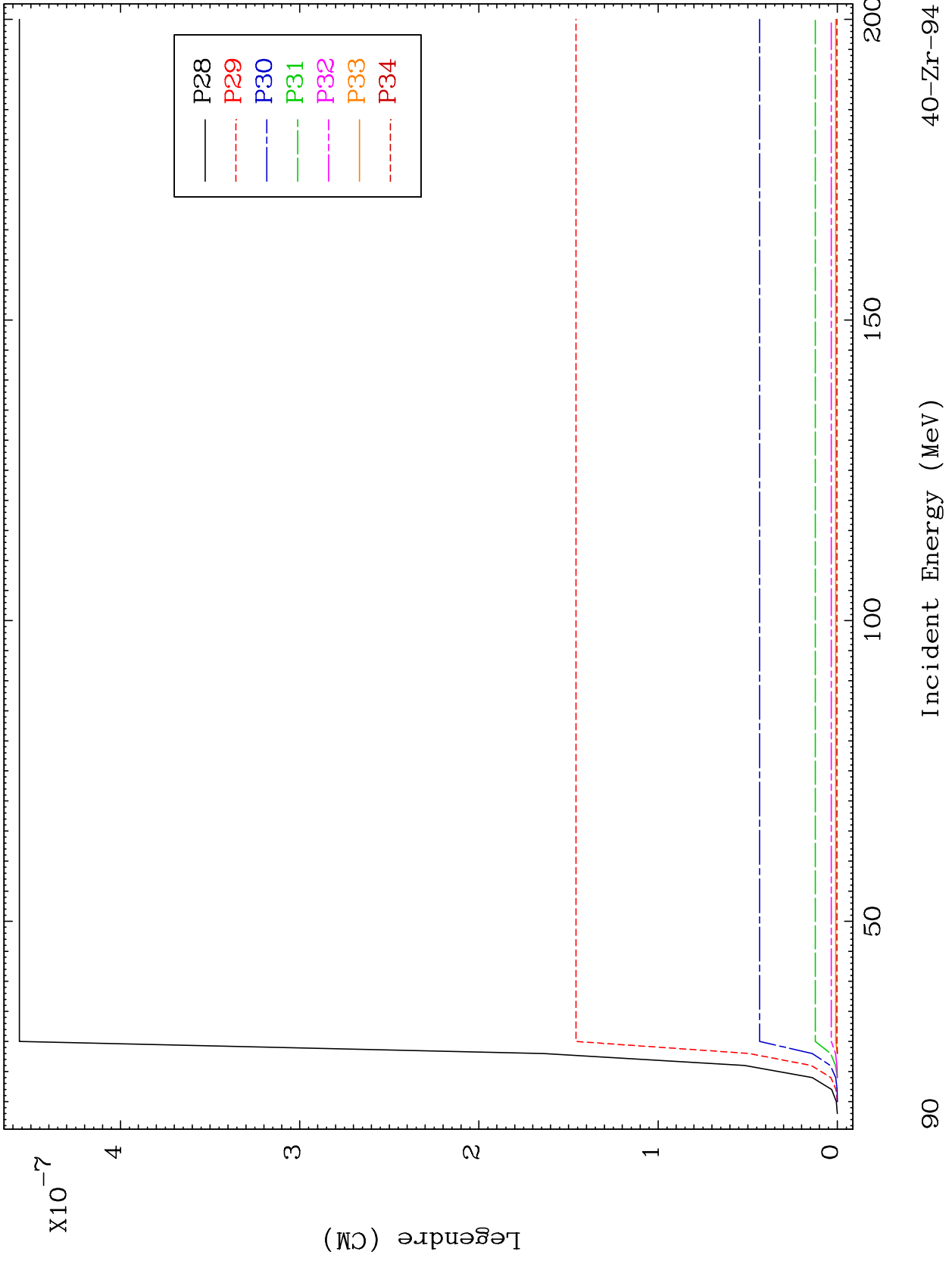
Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-94



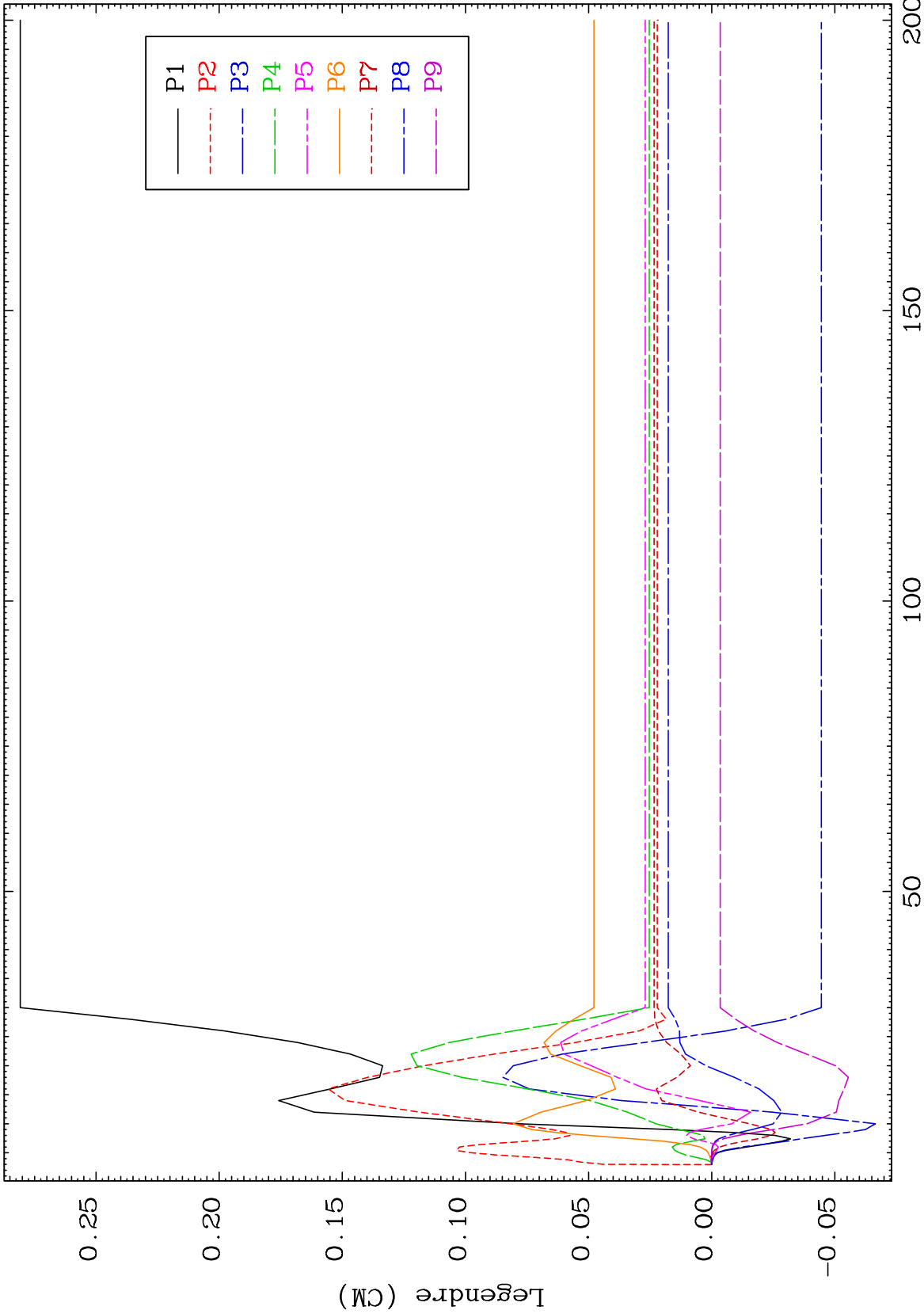
MAT 4037 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037

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

40-Zr-94



91

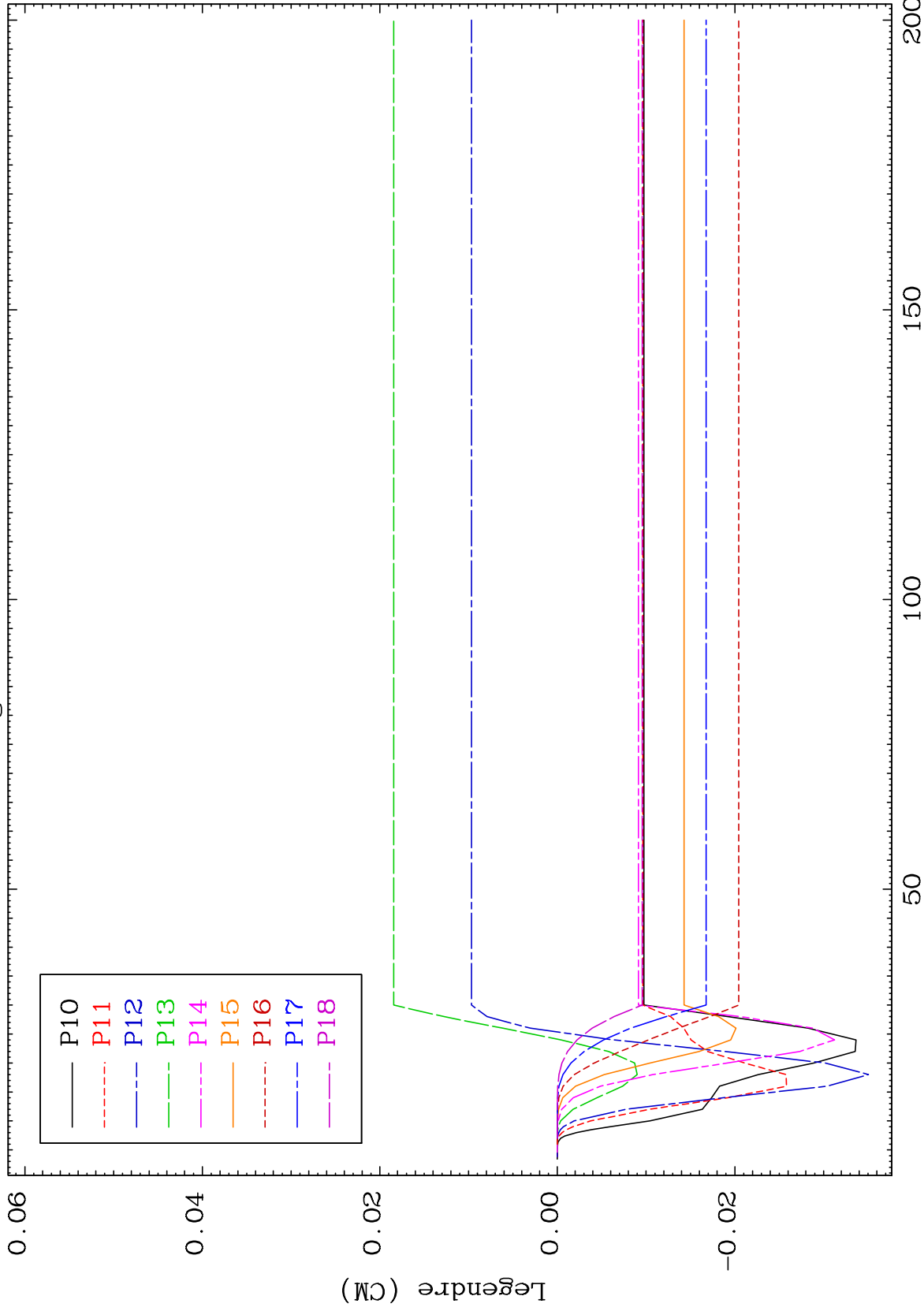
Incident Energy (MeV)

40-Zr-94

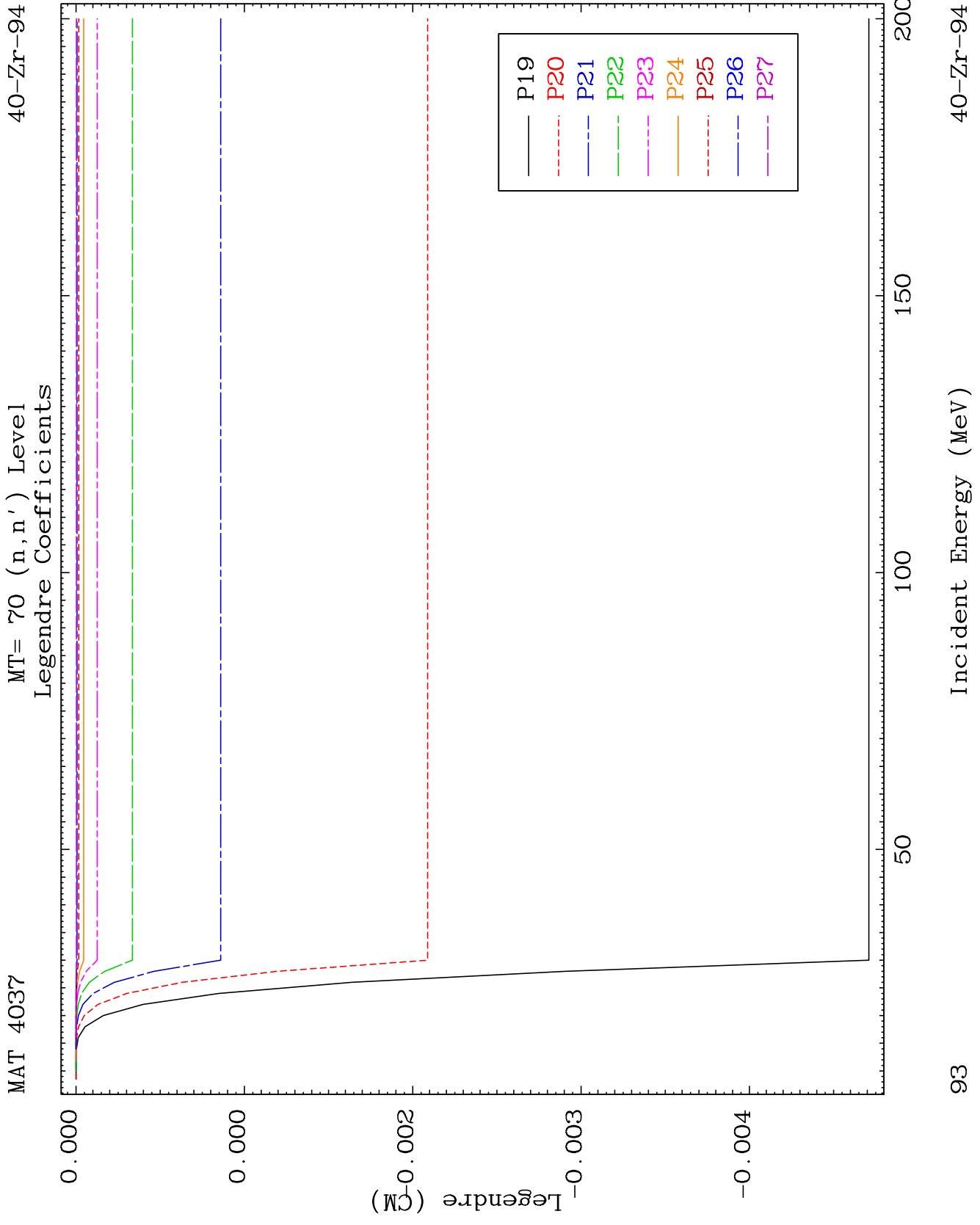
MAT 4037

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

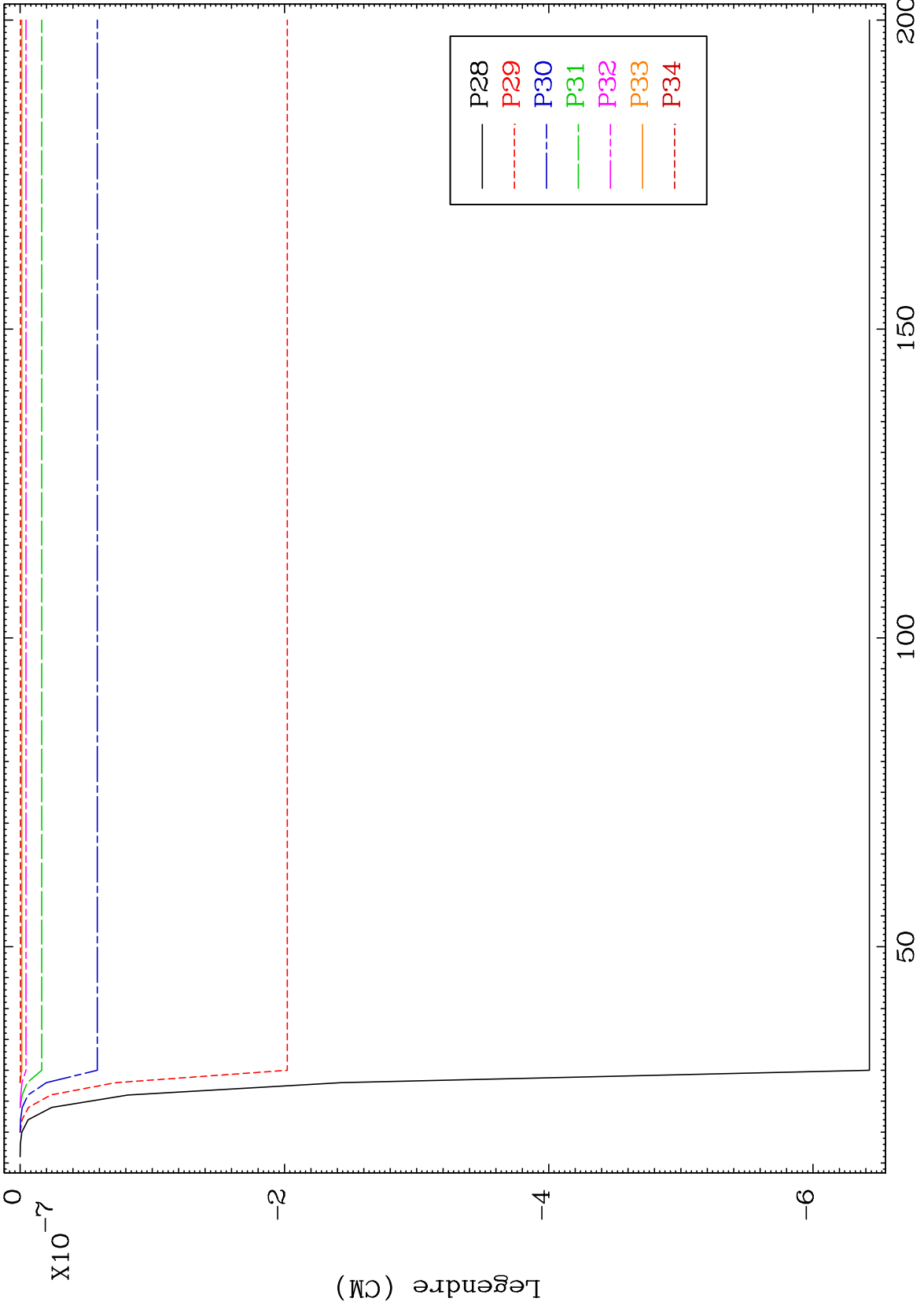
40-Zr-94



92



MAT 4037 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-94

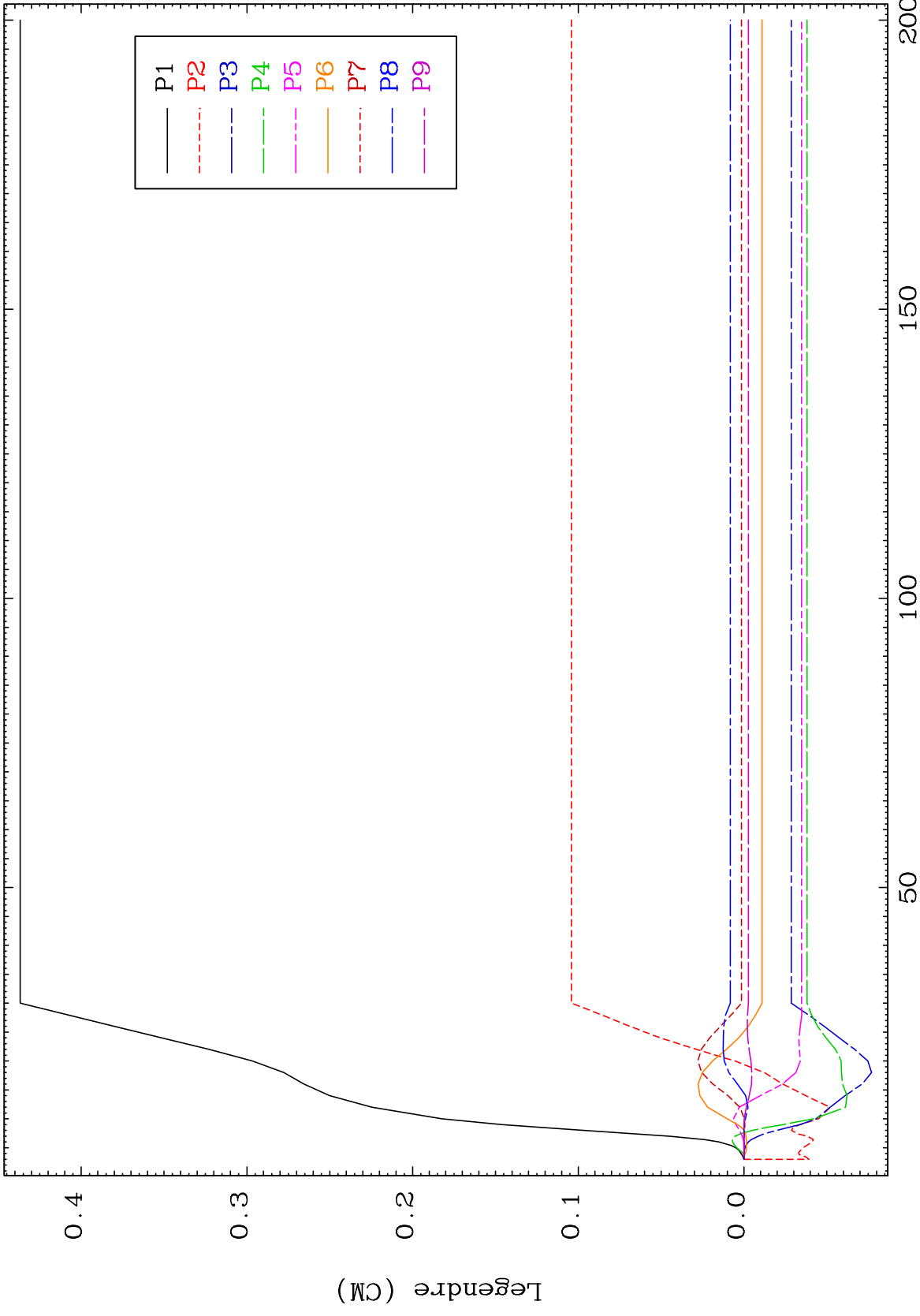


94 40-Zr-94

MAT 4037

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

40-Zr-94



95

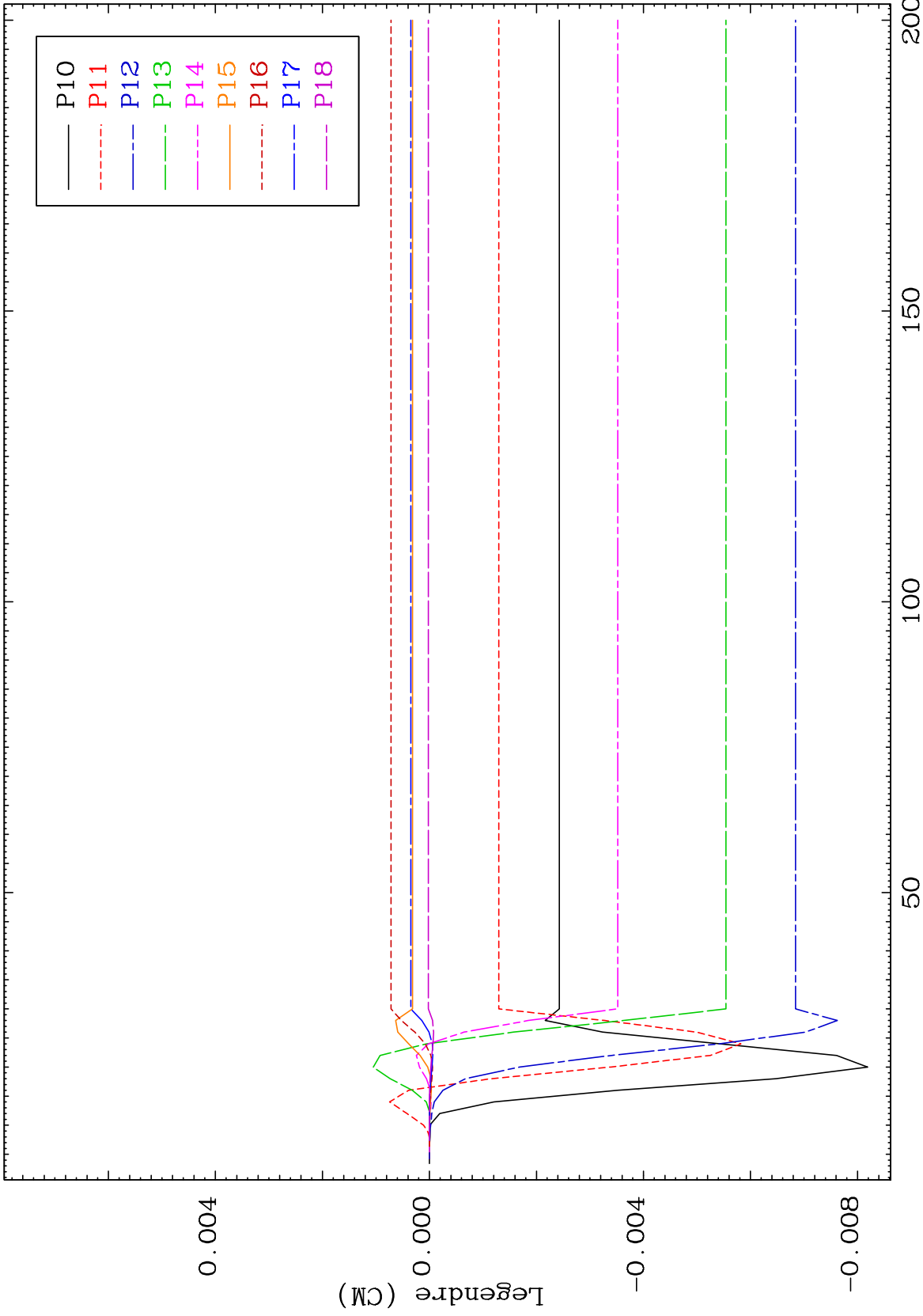
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



96

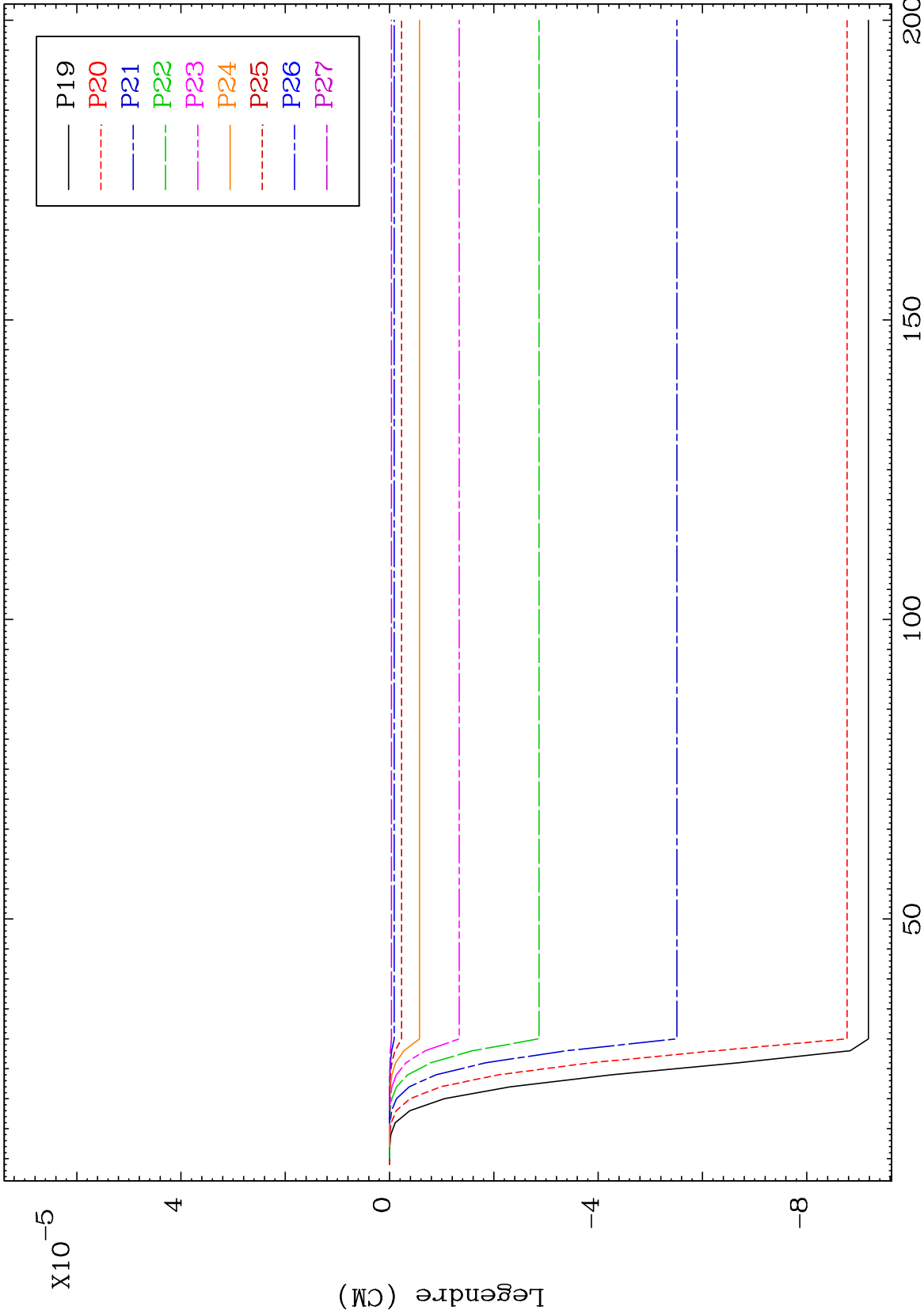
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

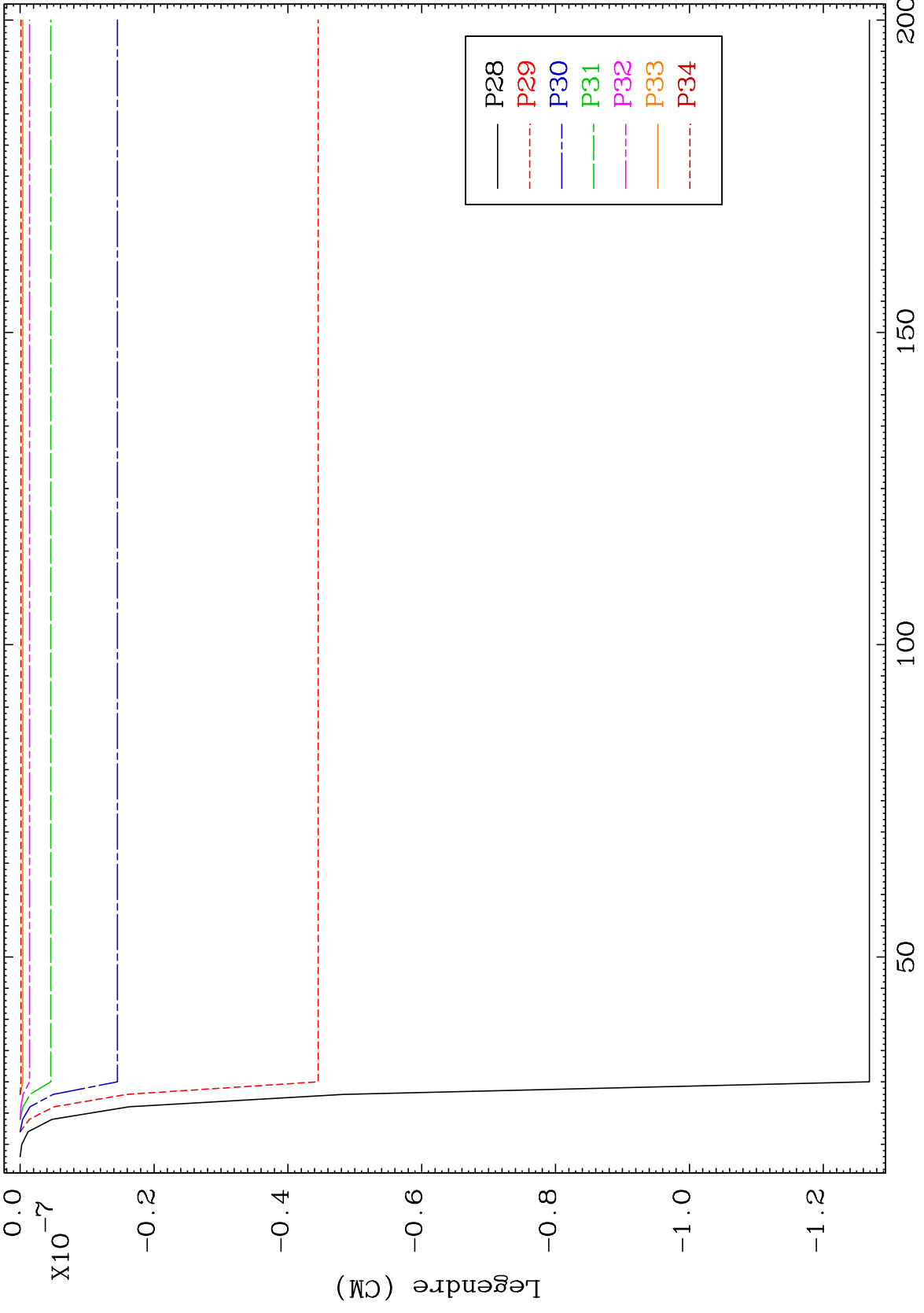
40-Zr-94



97

40-Zr-94

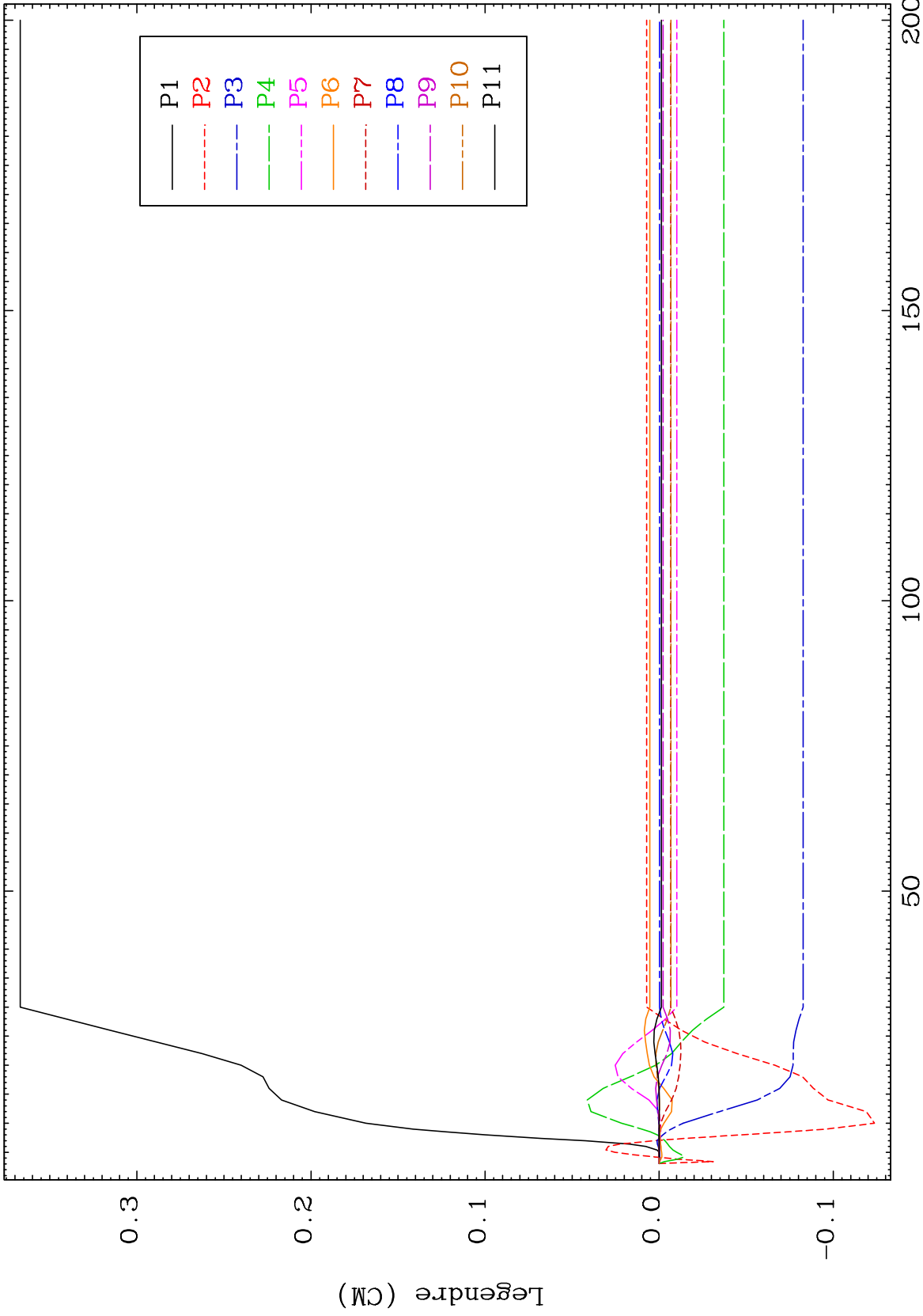
MAT 4037 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037

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

40-Zr-94

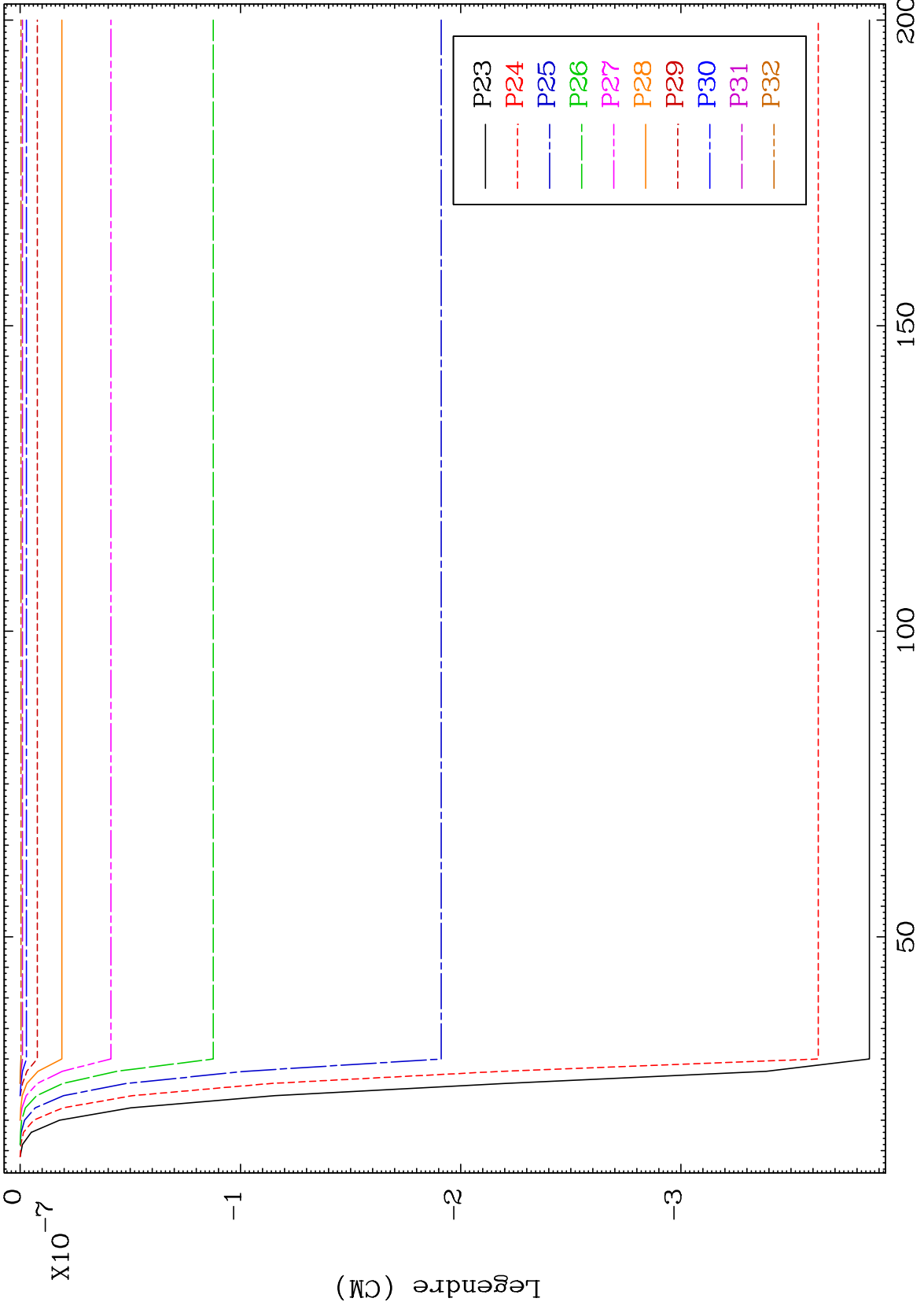


99

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-94



101 40-Zr-94

MAT 4037

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

40-Zr-94



40-Zr-94

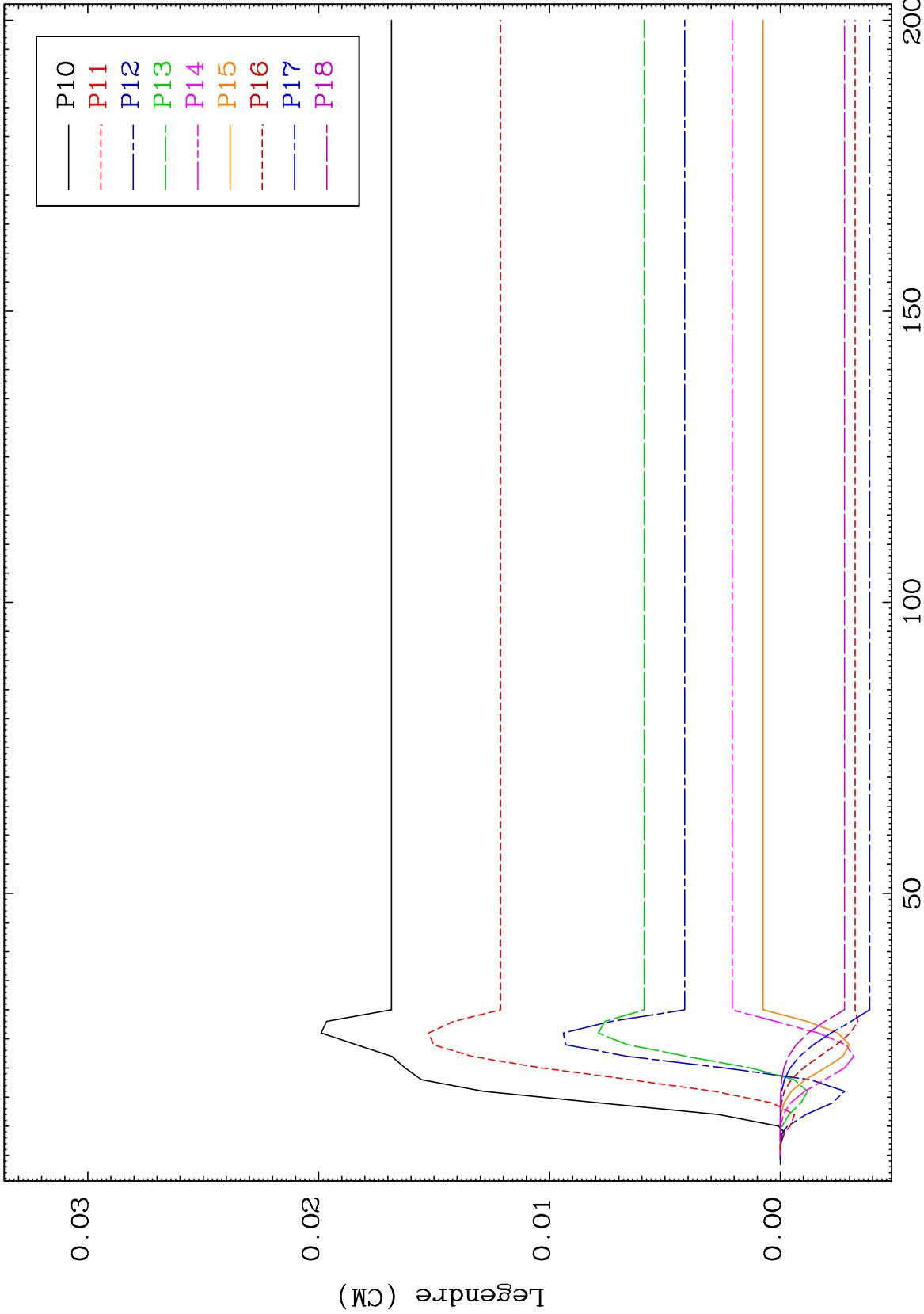
Incident Energy (MeV)

102

MAT 4037

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

40-Zr-94

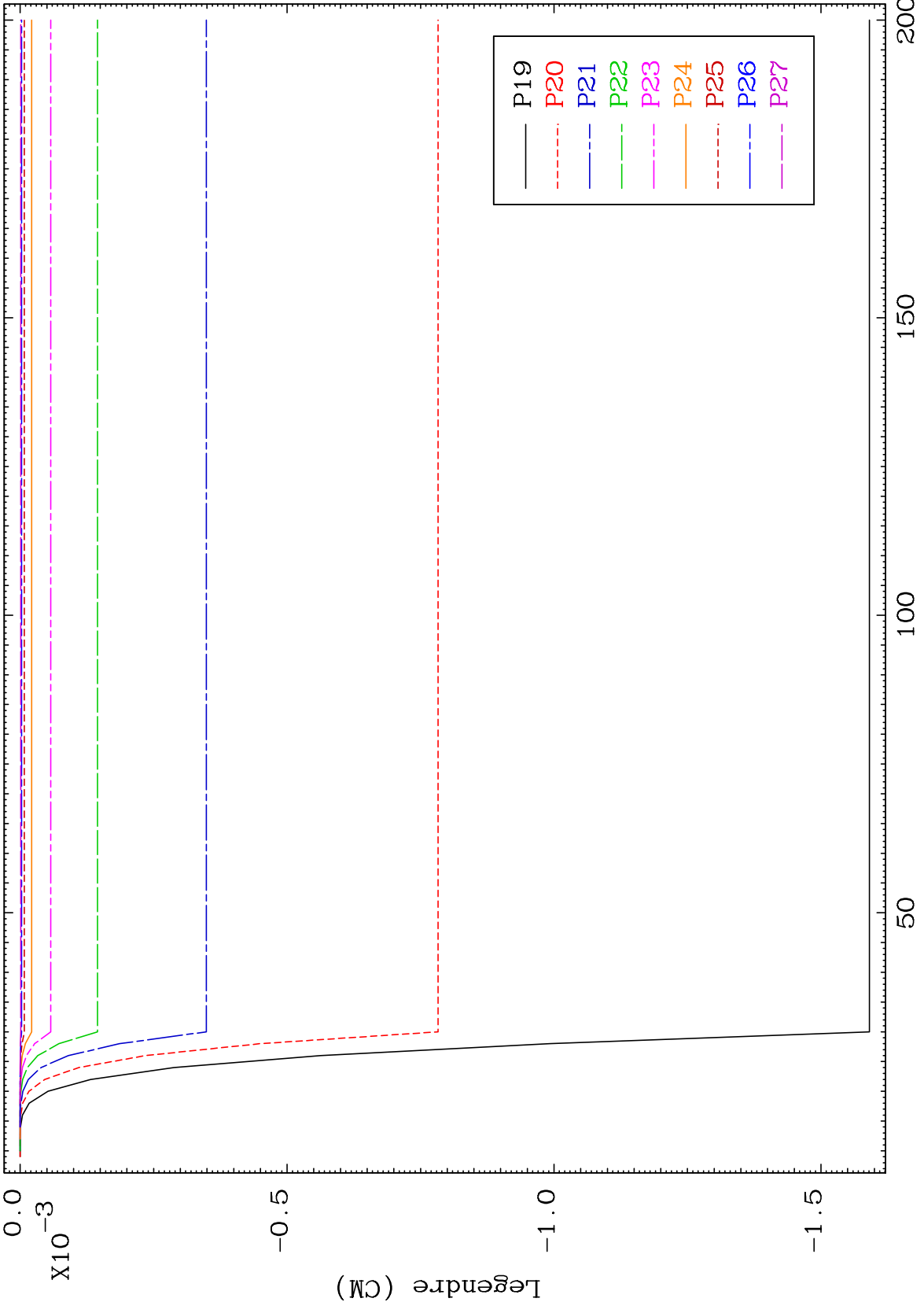


103

Incident Energy (MeV)

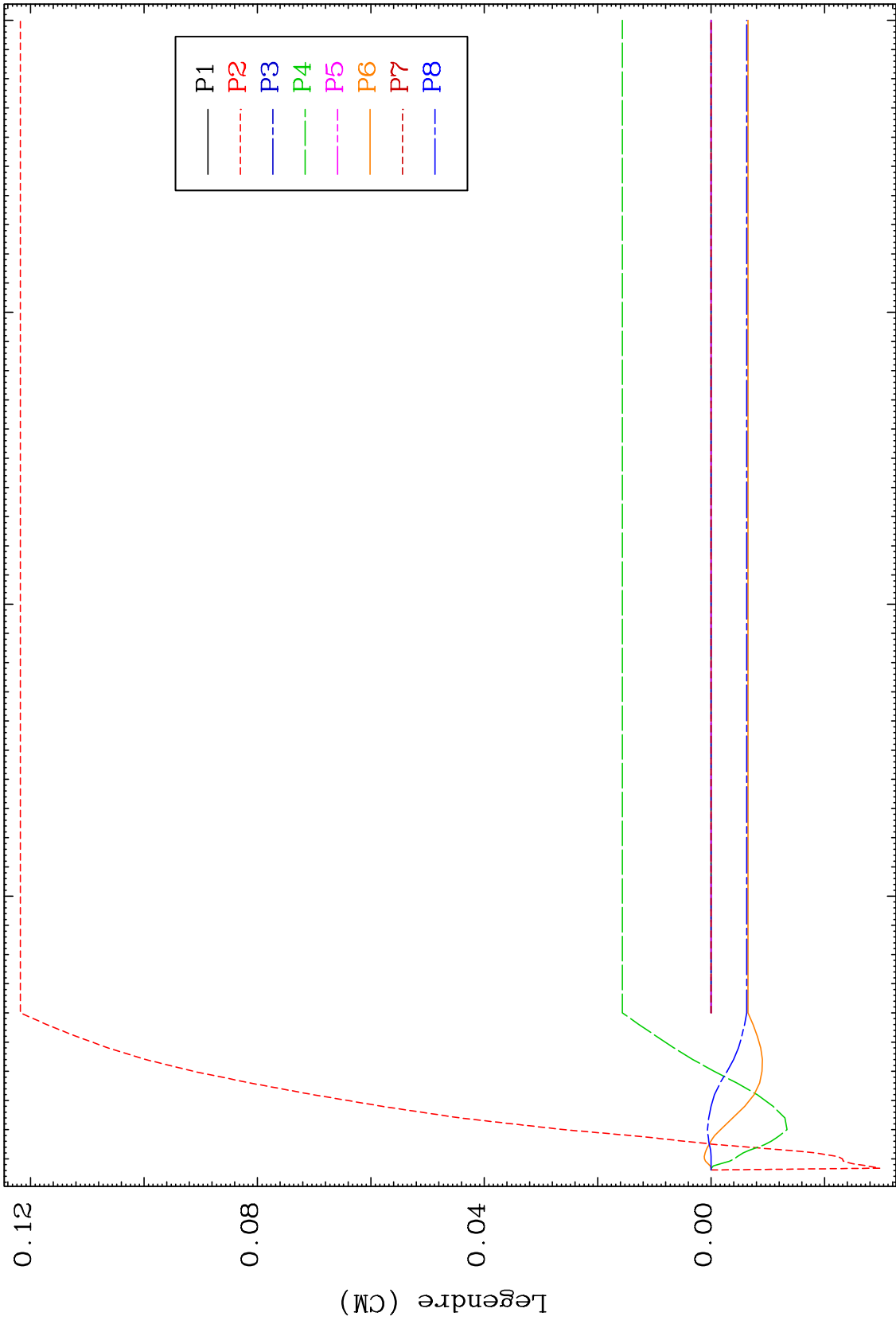
40-Zr-94

MAT 4037 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-94



104 Incident Energy (MeV) 40-Zr-94

MAT 4037 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-94

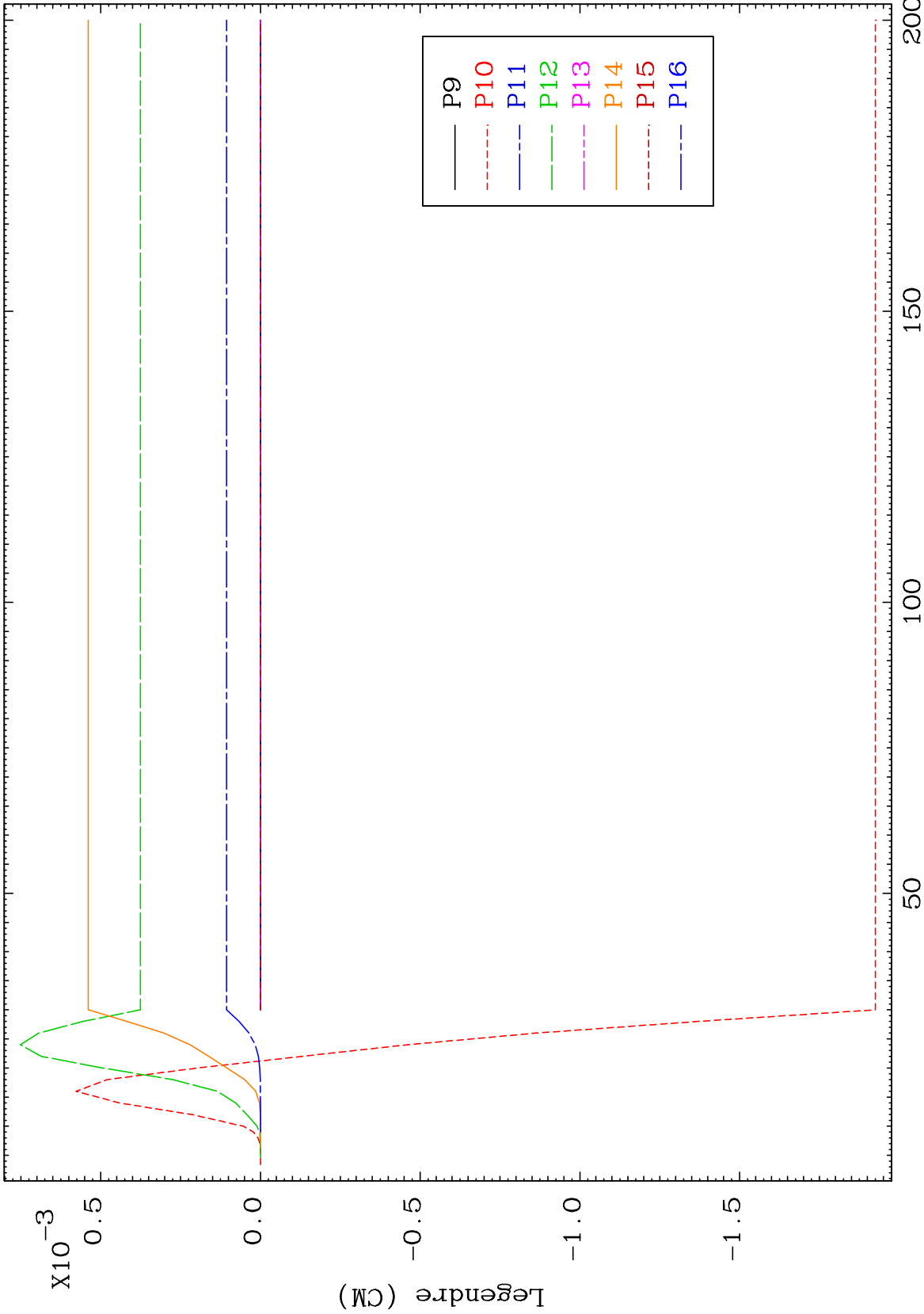


106 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

40-Zr-94

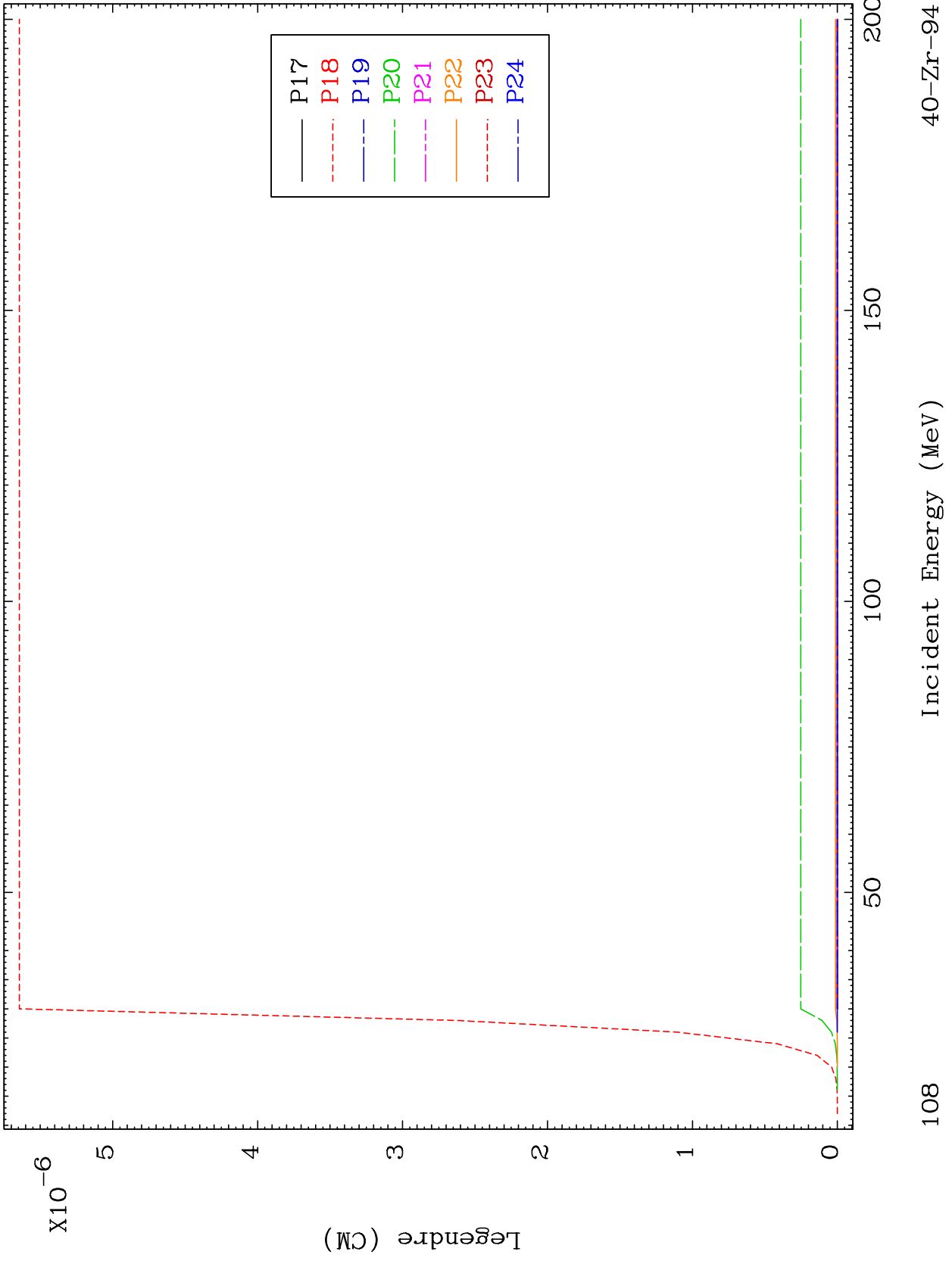


107

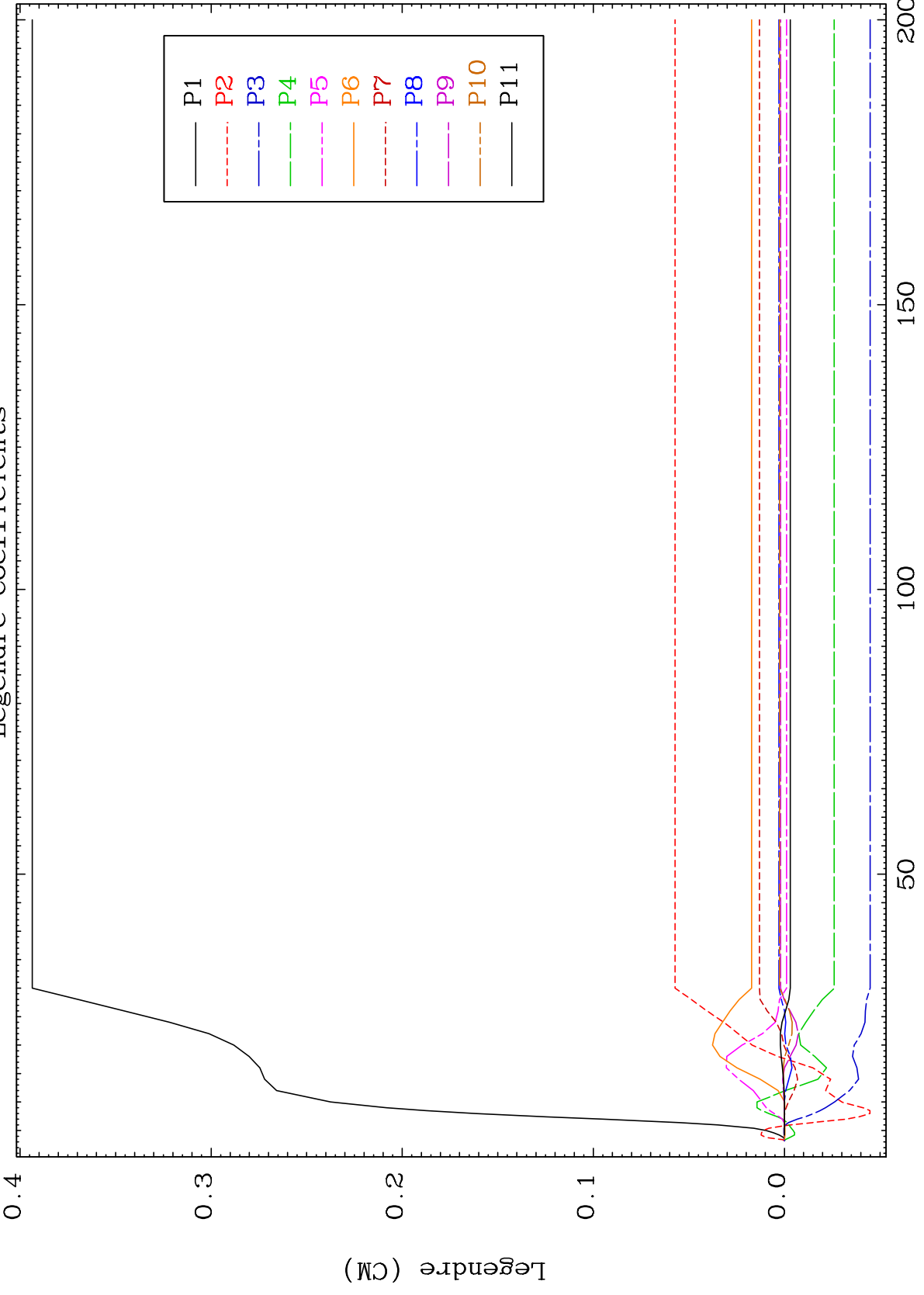
Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-94

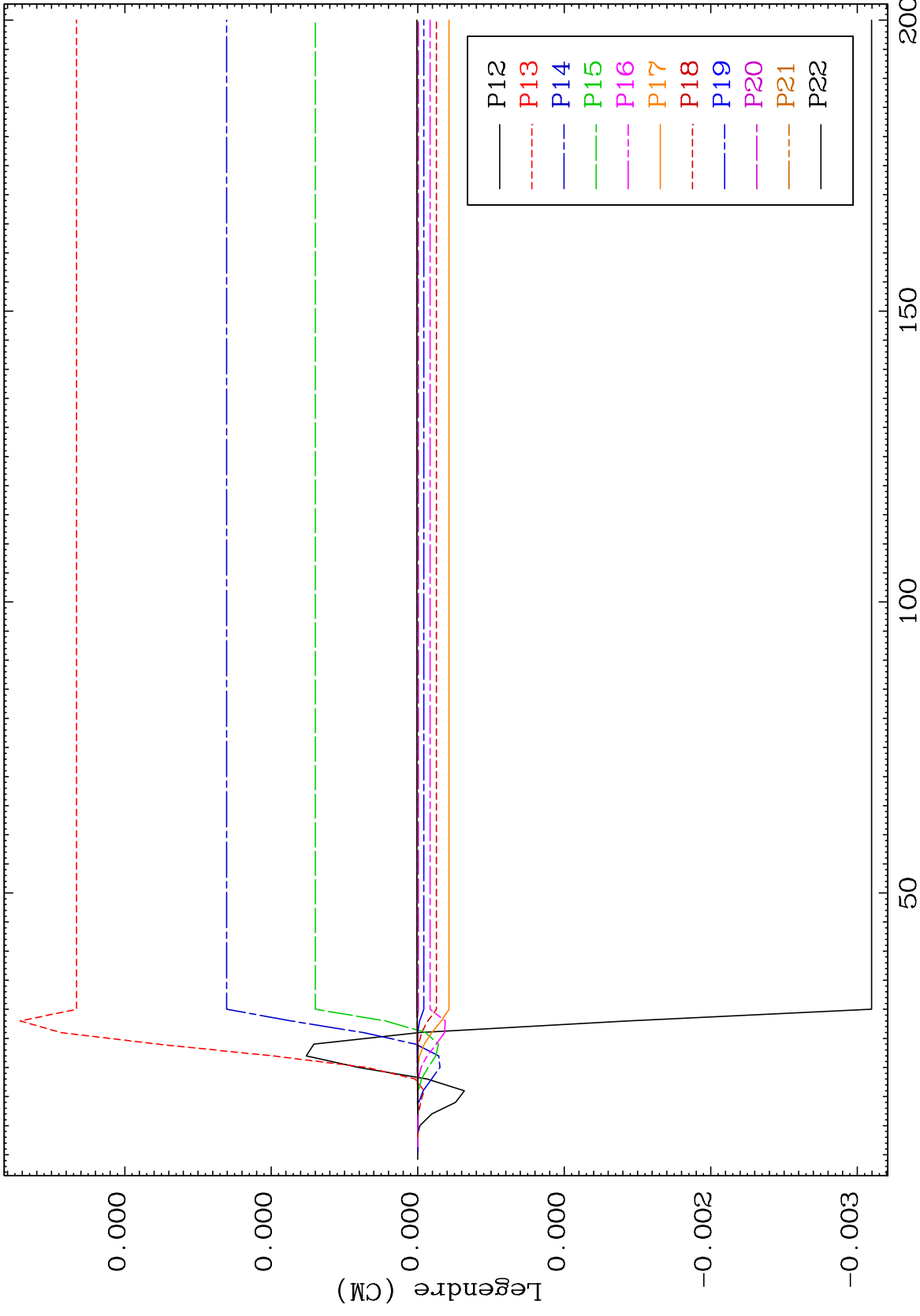


109 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

40-Zr-94



110

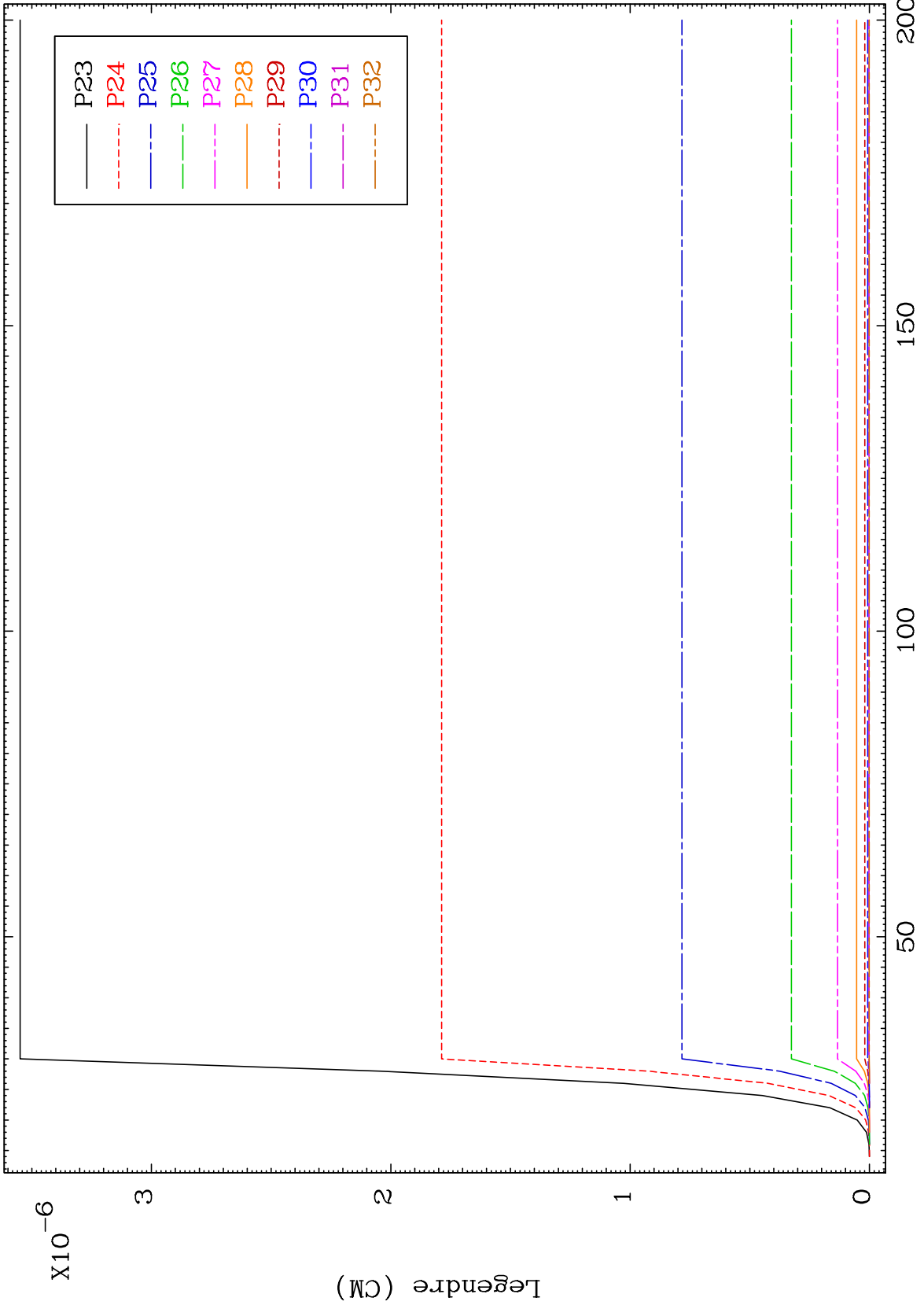
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



111

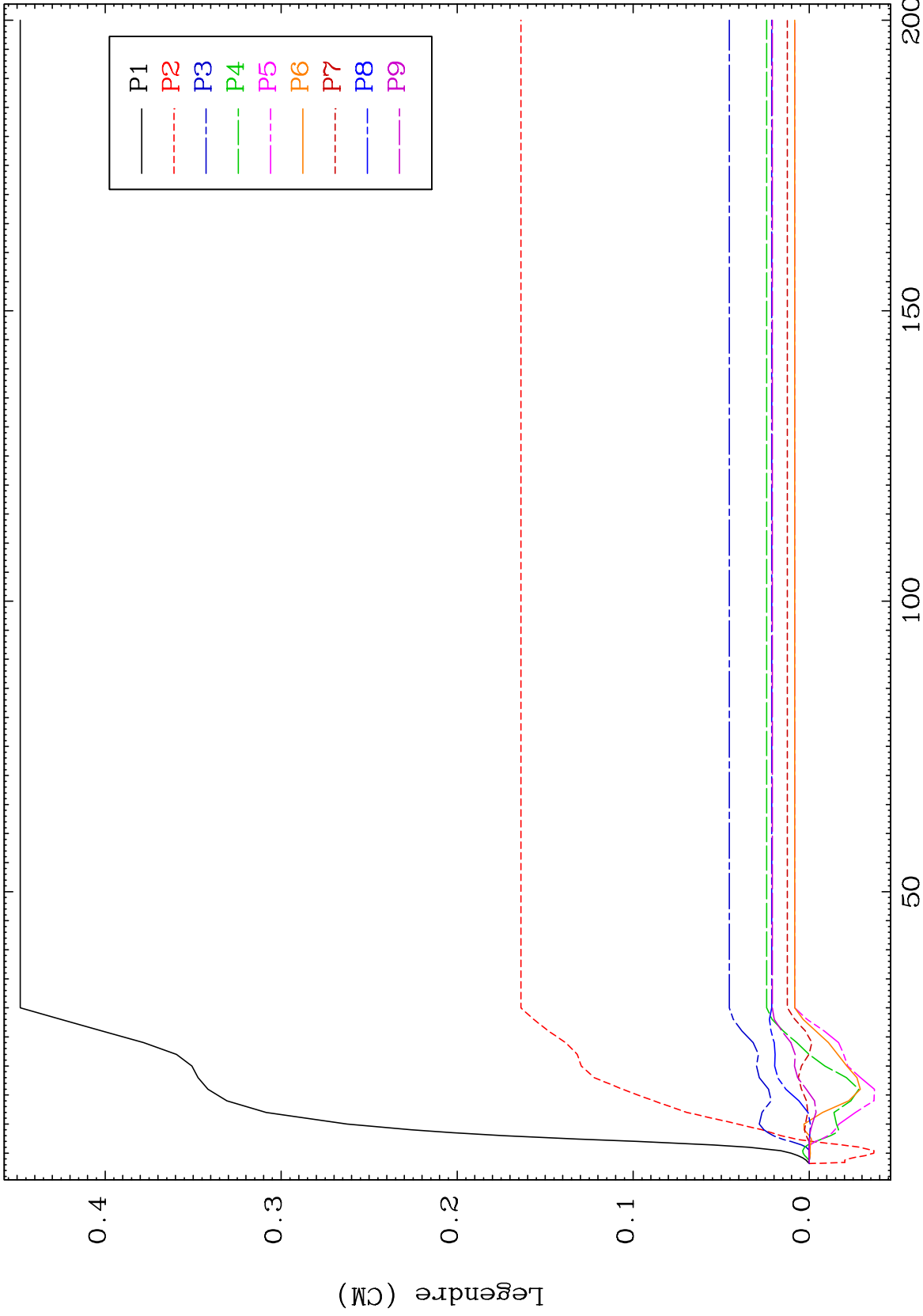
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



112

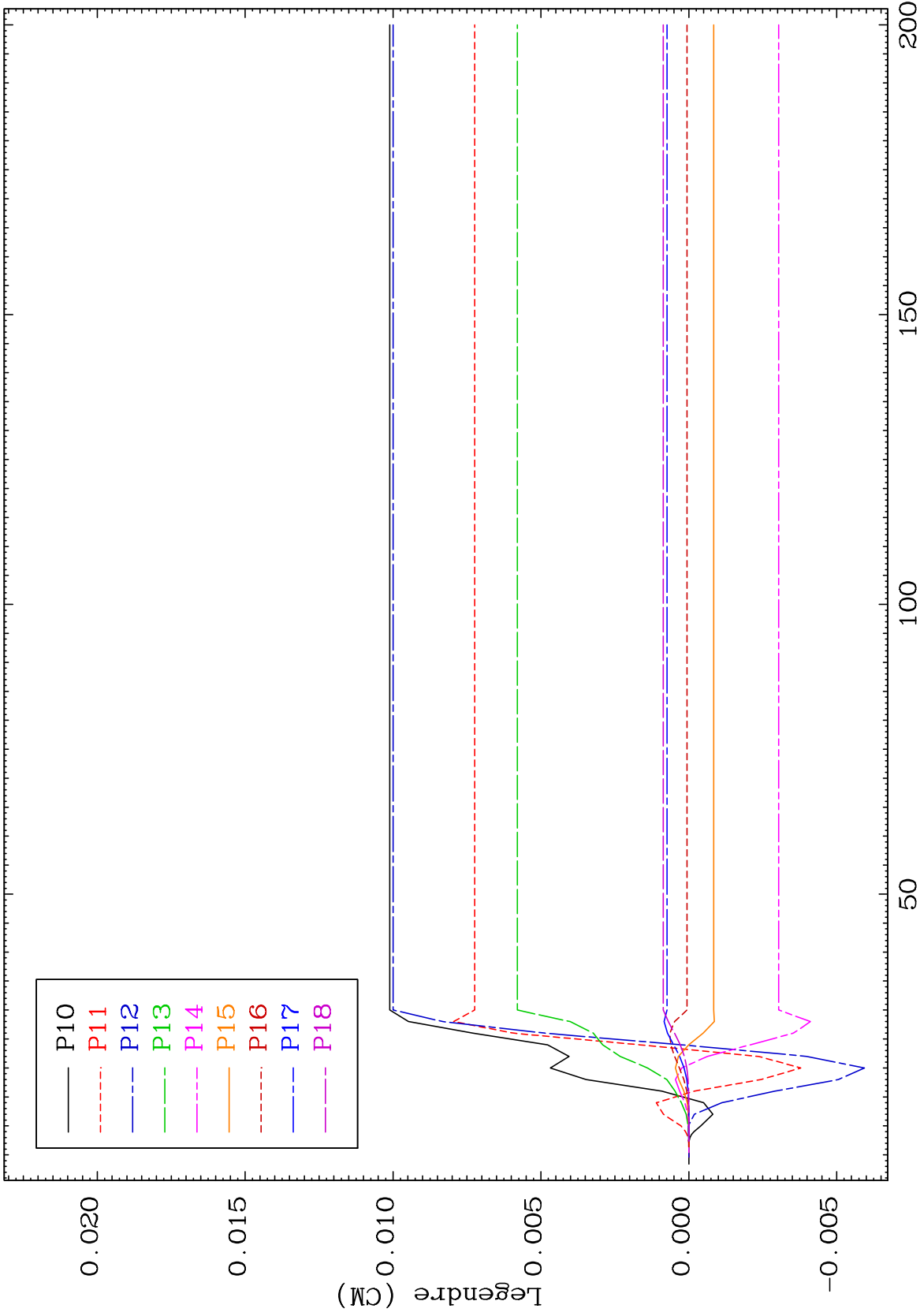
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94



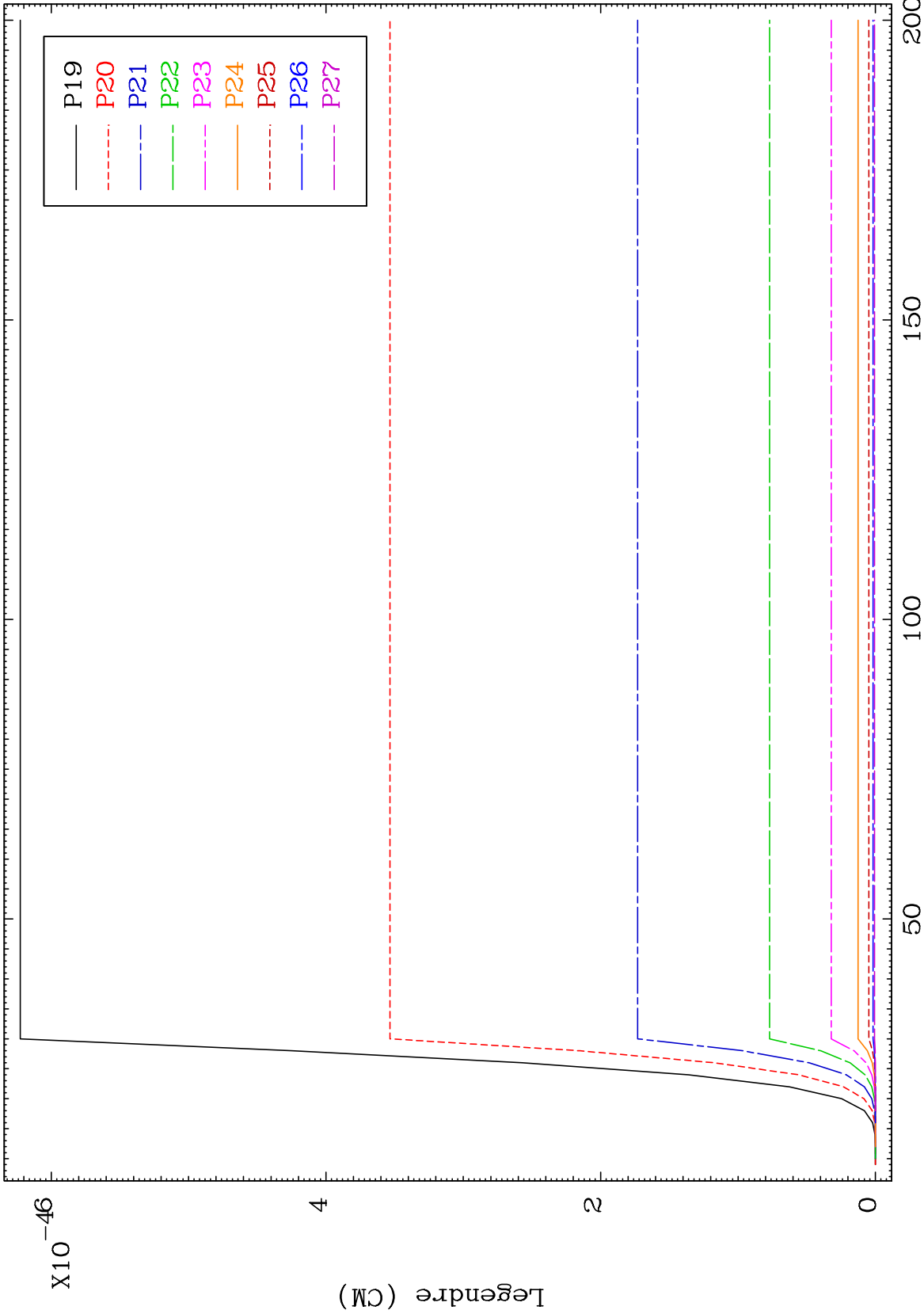
113

40-Zr-94

MAT 4037

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

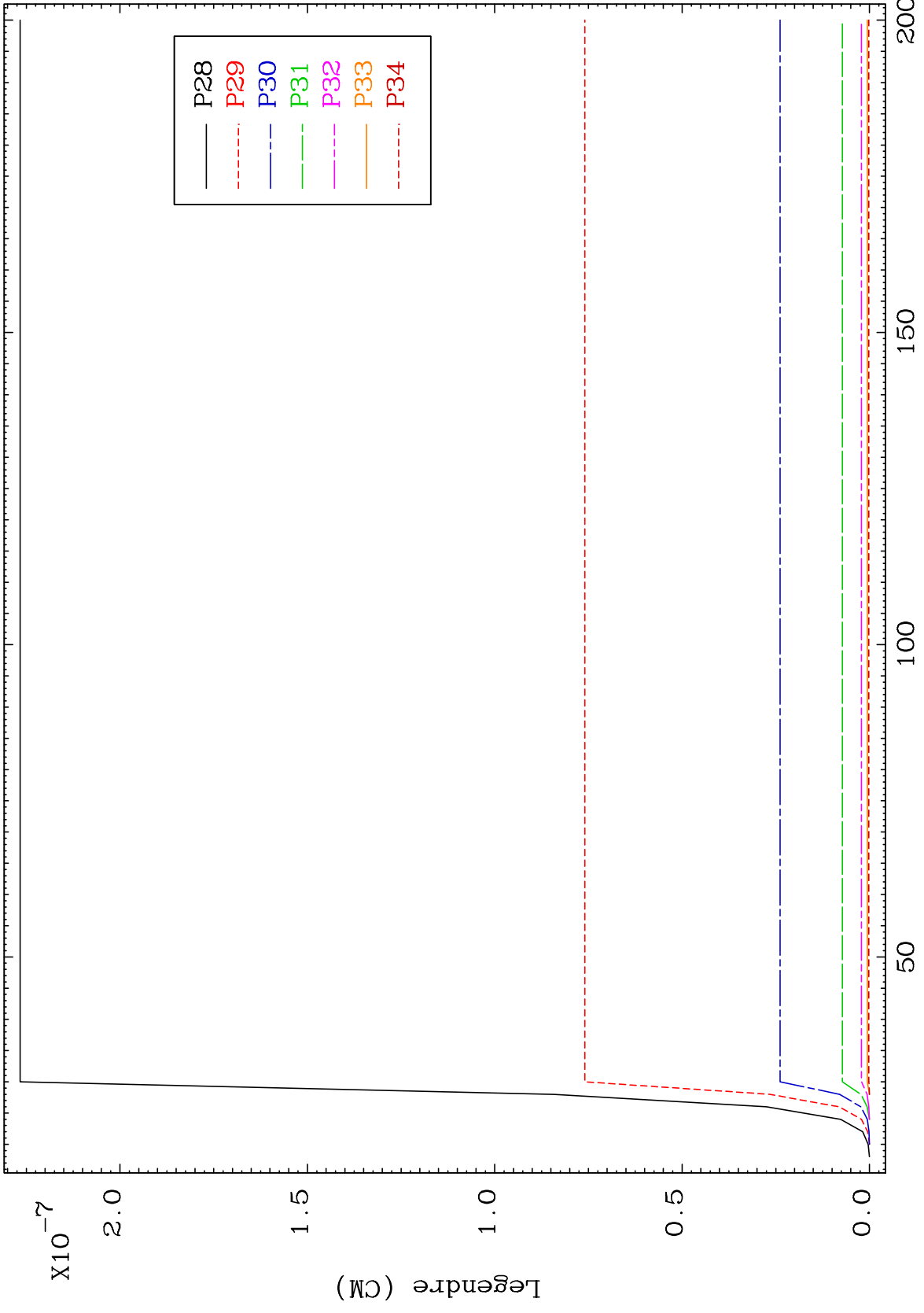
40-Zr-94



114

40-Zr-94

MAT 4037 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-94

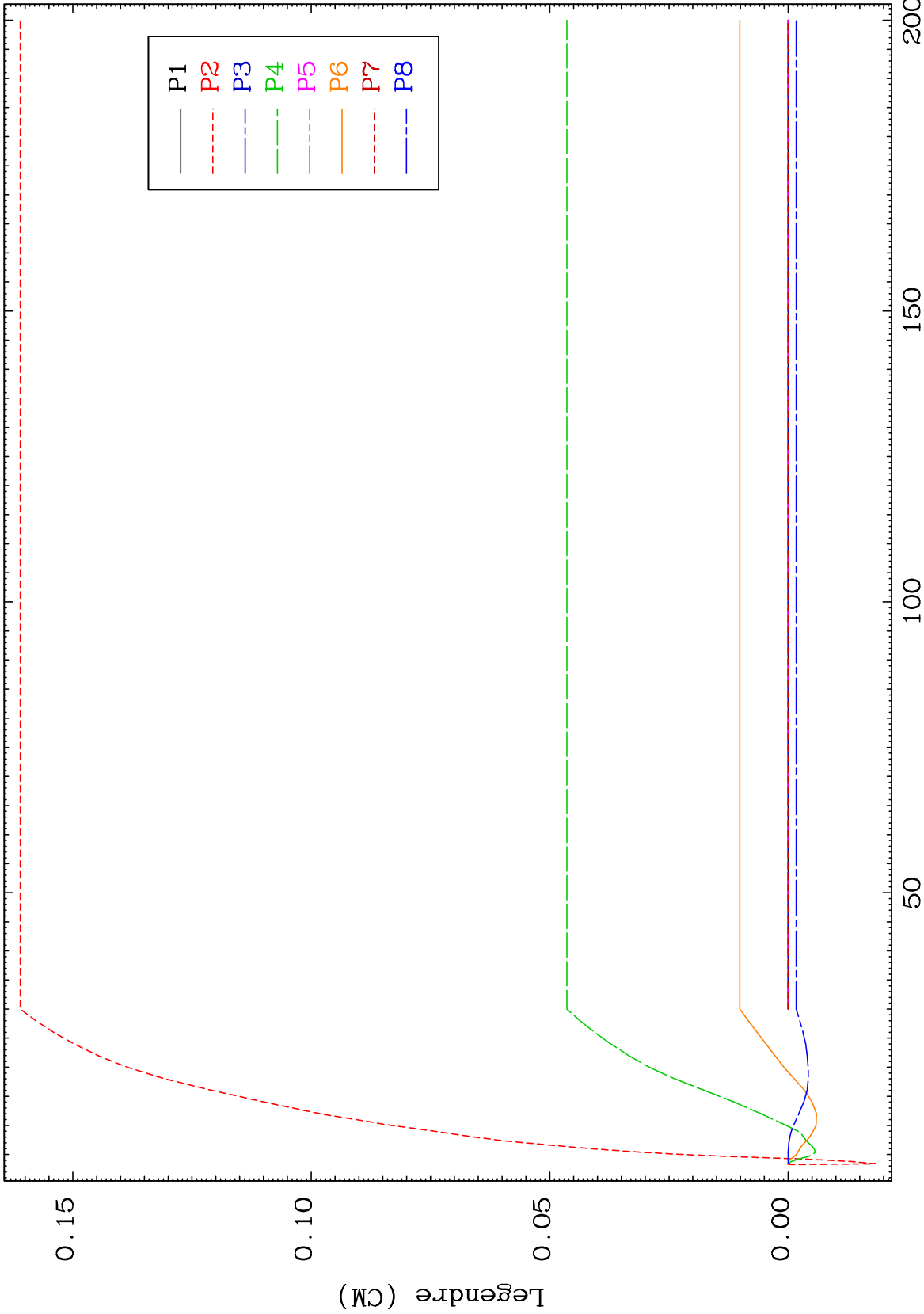


115 50 100 150 200 40-Zr-94

MAT 4037

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

40-Zr-94



116

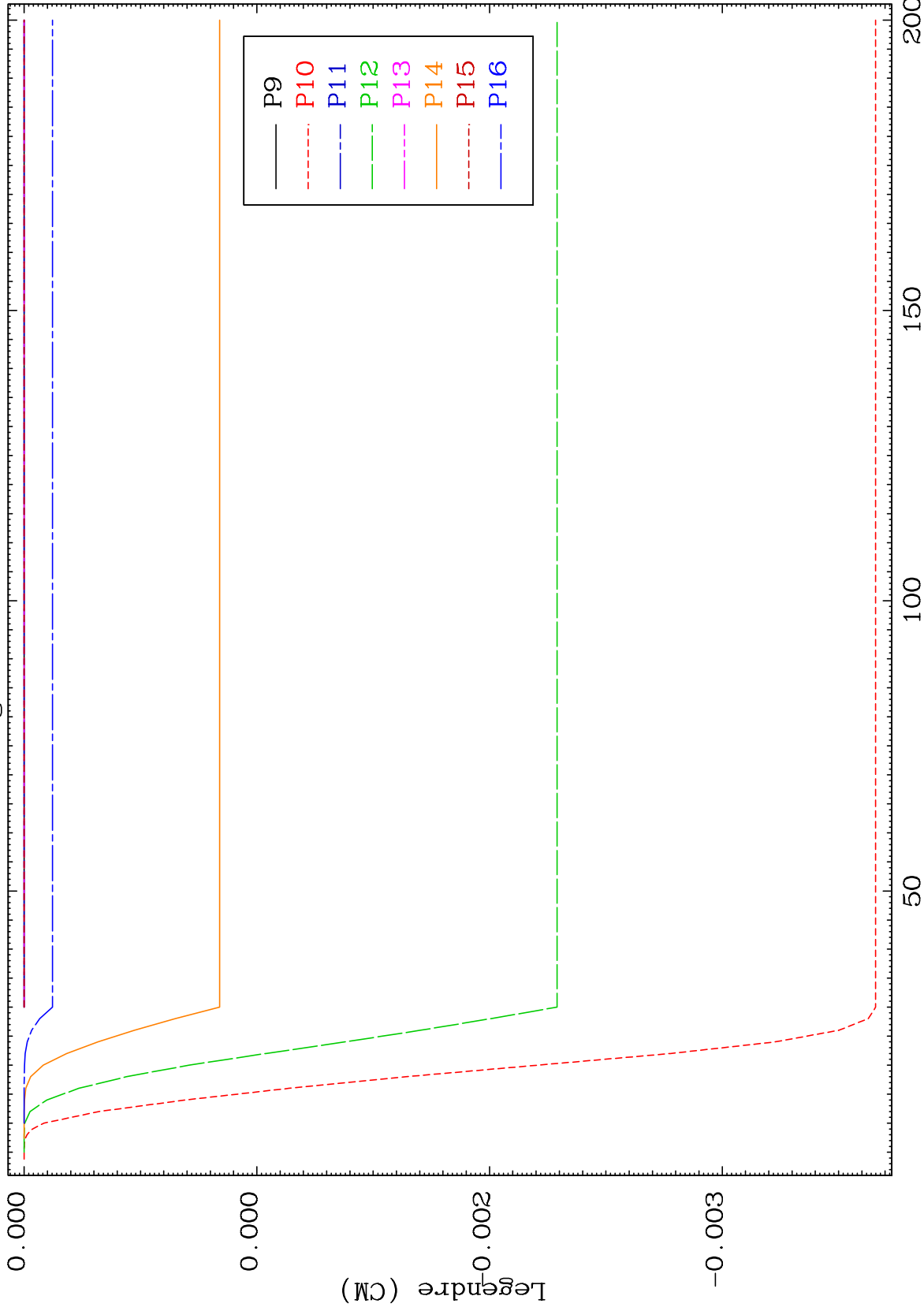
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

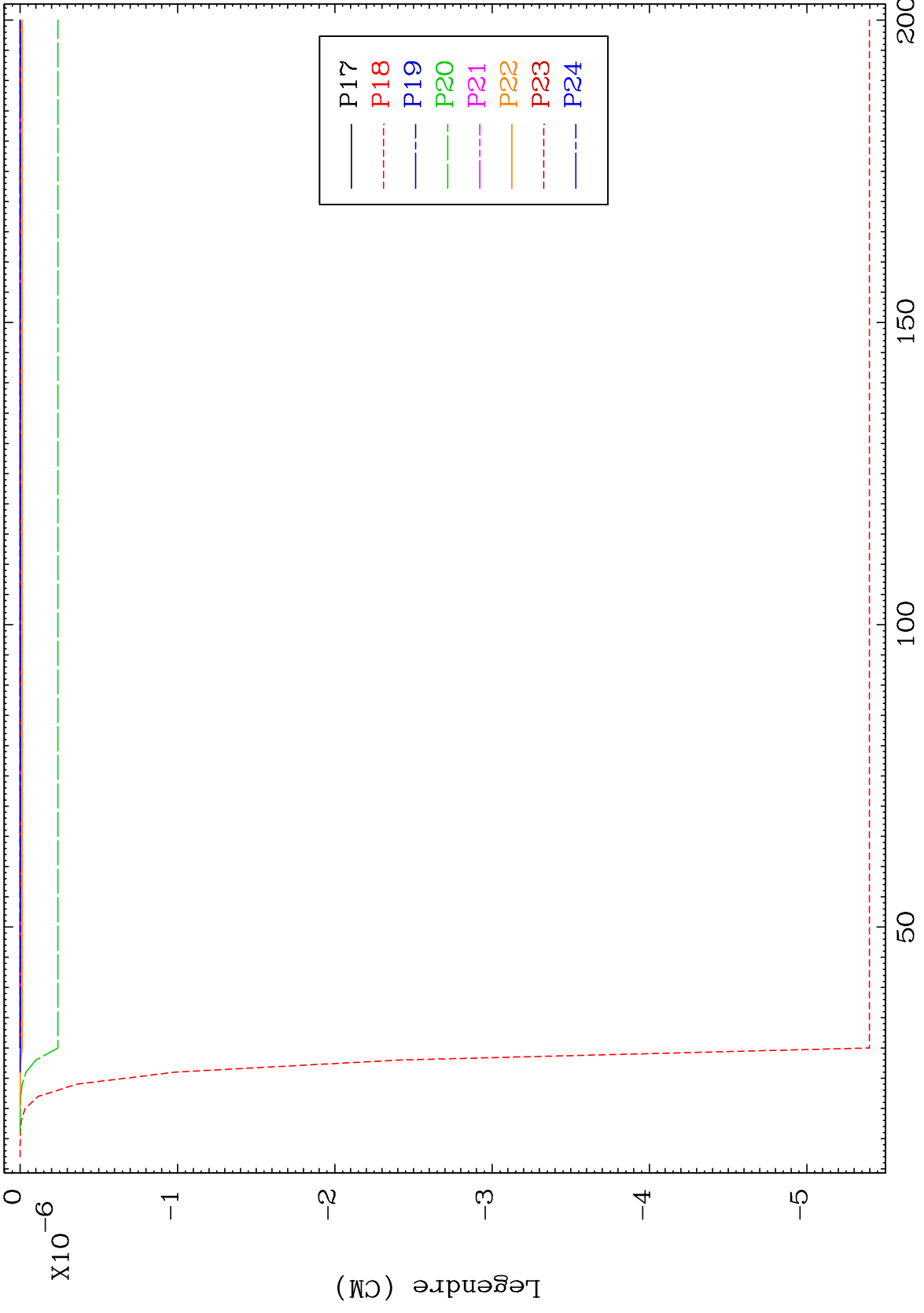


117

Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-94

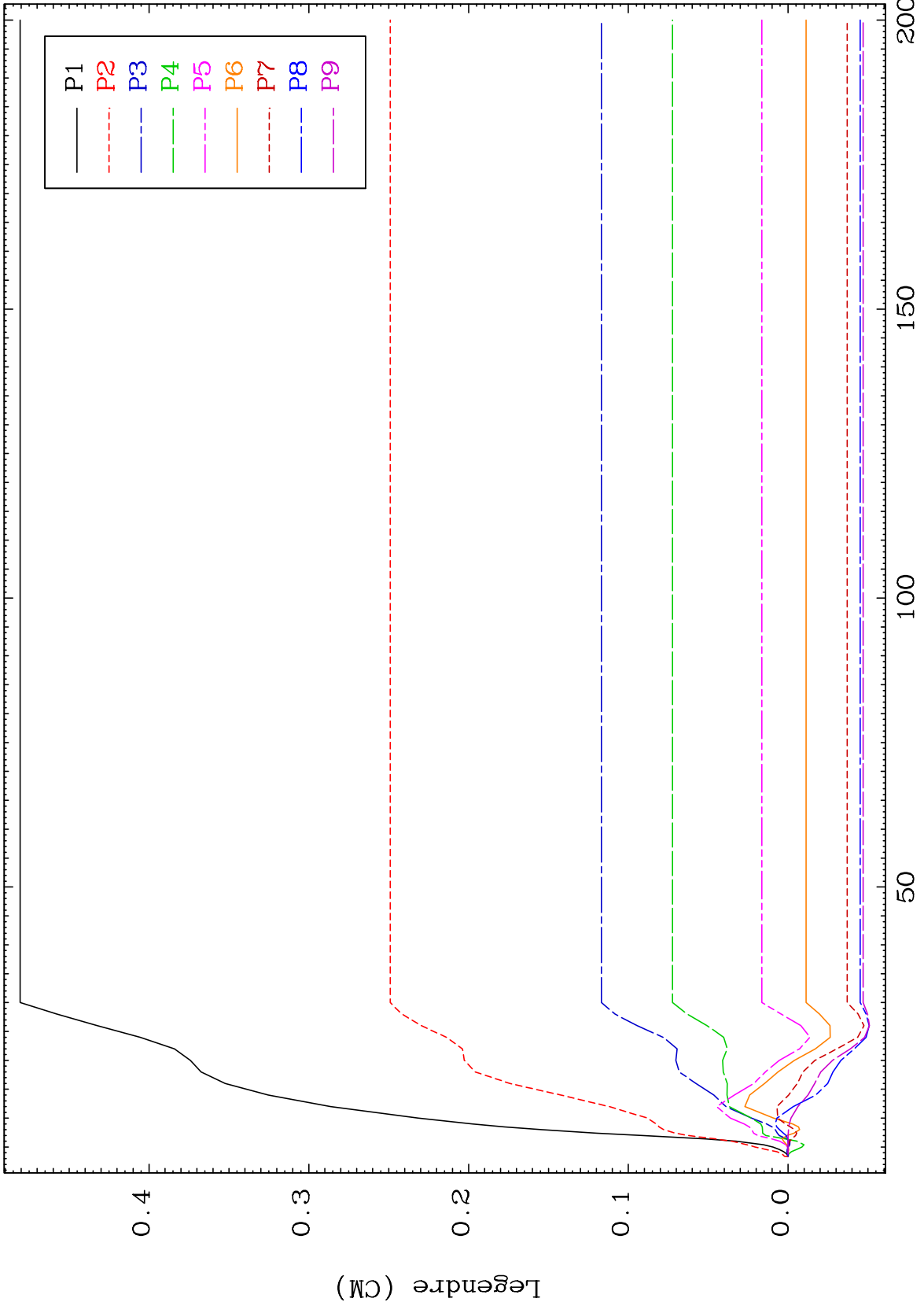


118 Incident Energy (MeV) 40-Zr-94

MAT 4037

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

40-Zr-94



119

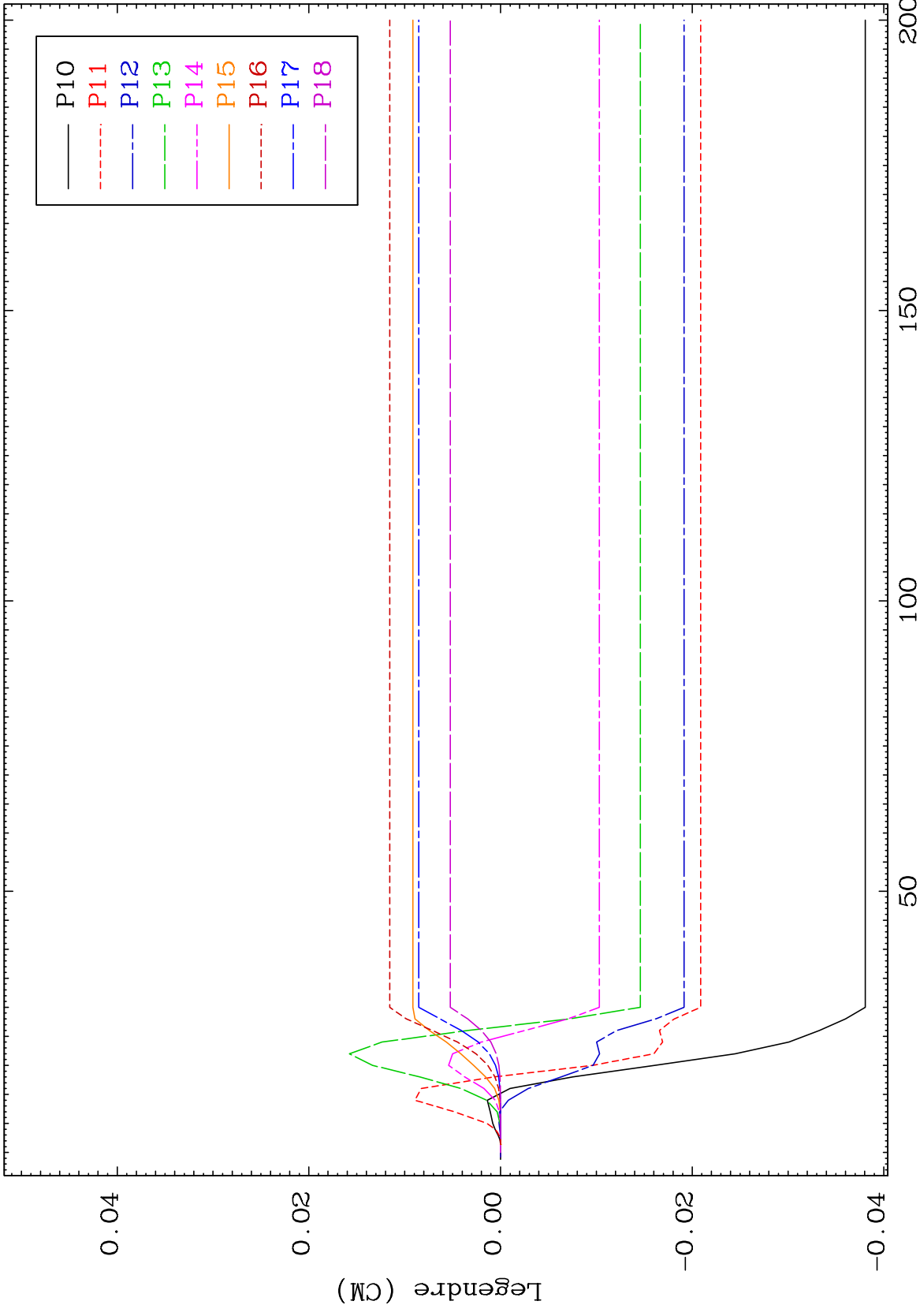
Incident Energy (MeV)

40-Zr-94

MAT 4037

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

40-Zr-94

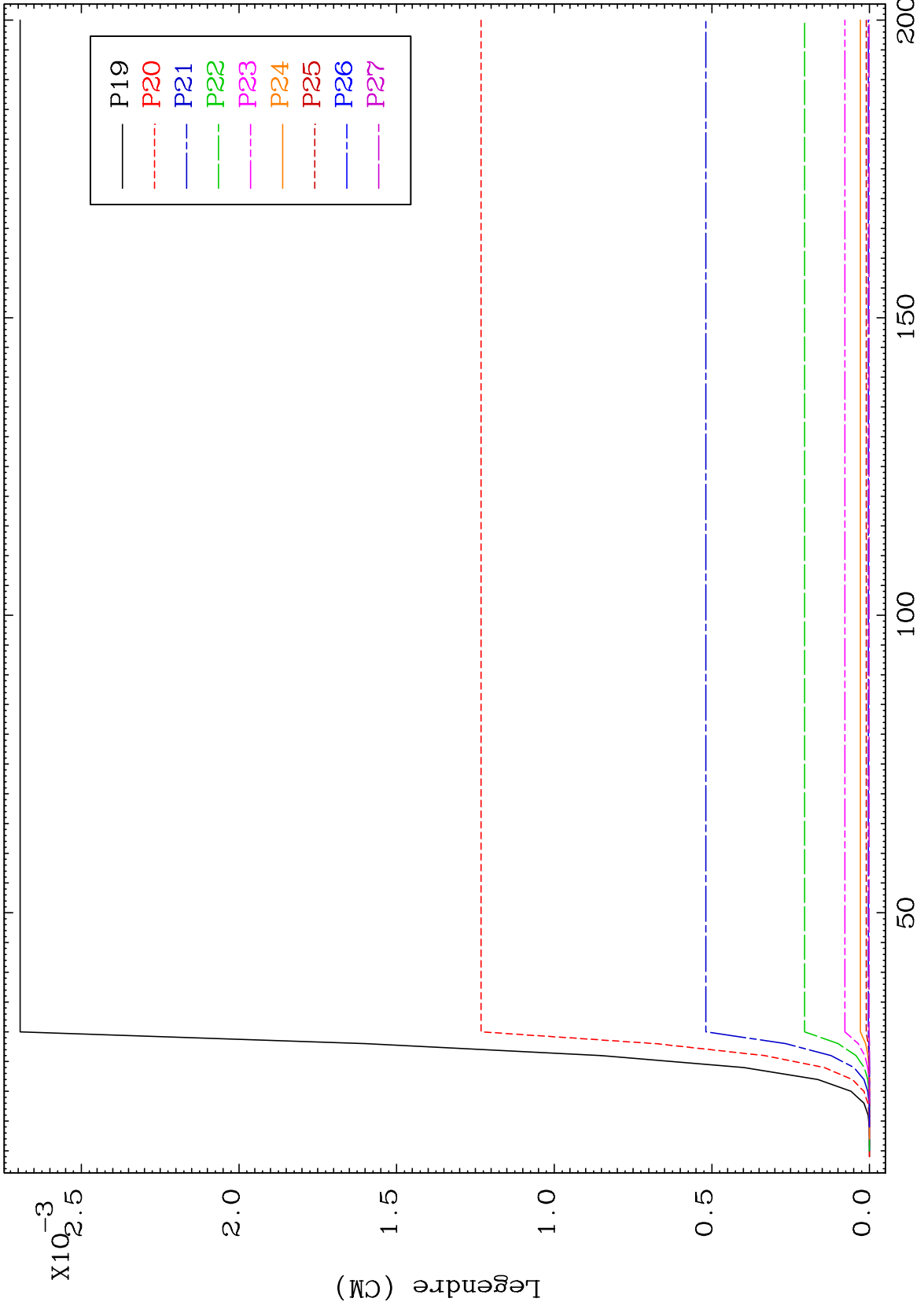


120

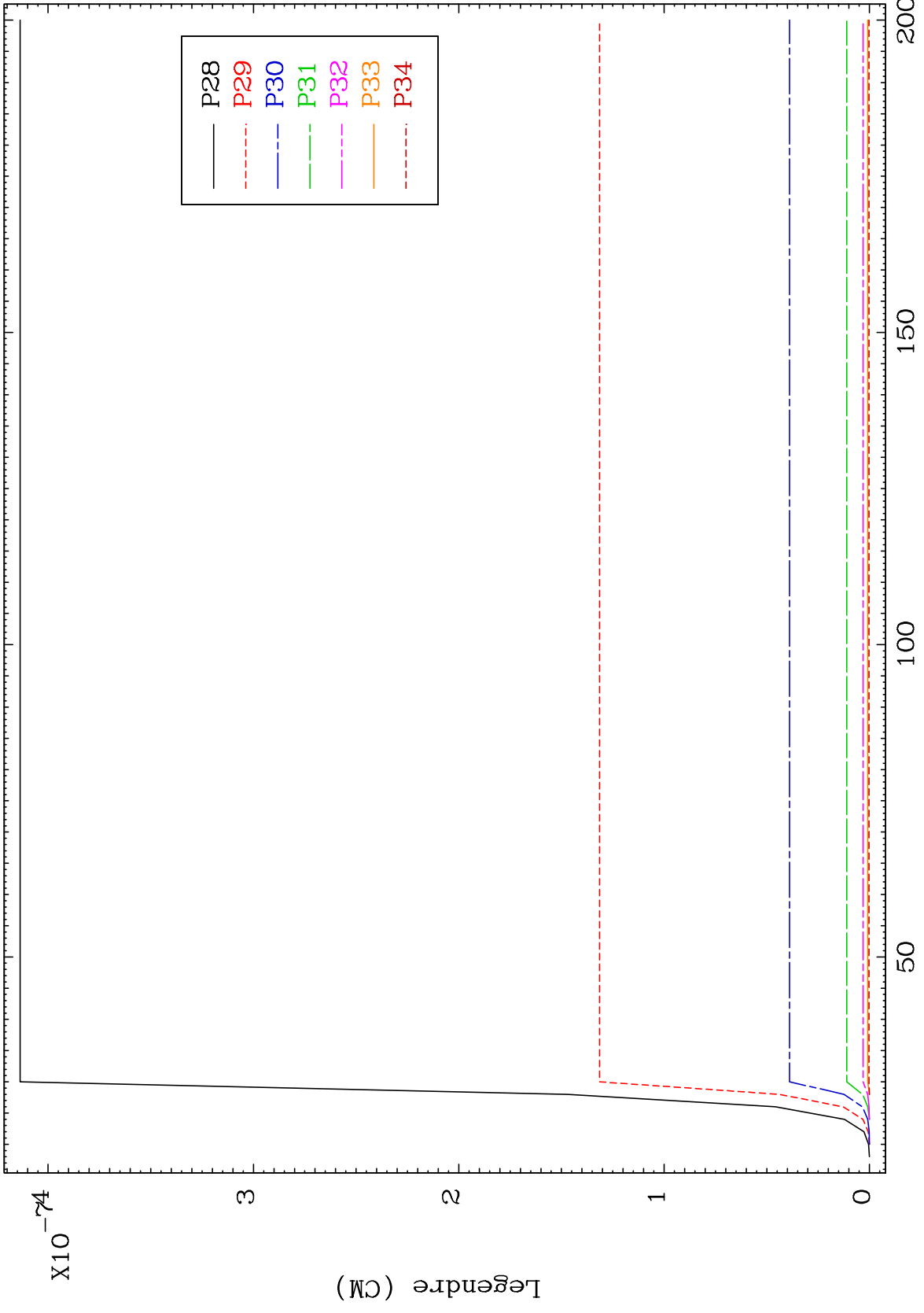
Incident Energy (MeV)

40-Zr-94

MAT 4037 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-94



MAT 4037 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-94

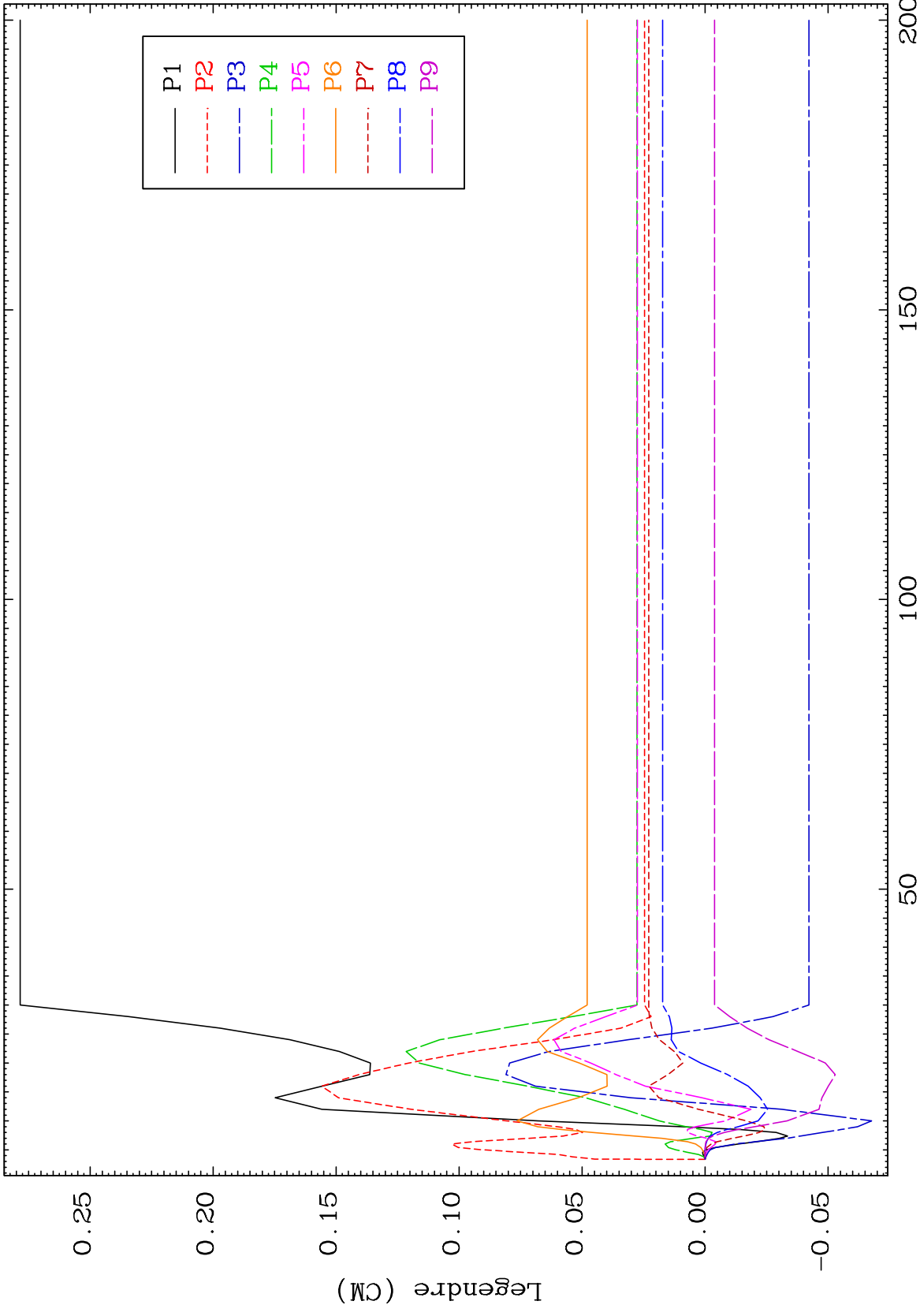


122 40-Zr-94

MAT 4037

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

40-Zr-94



40-Zr-94

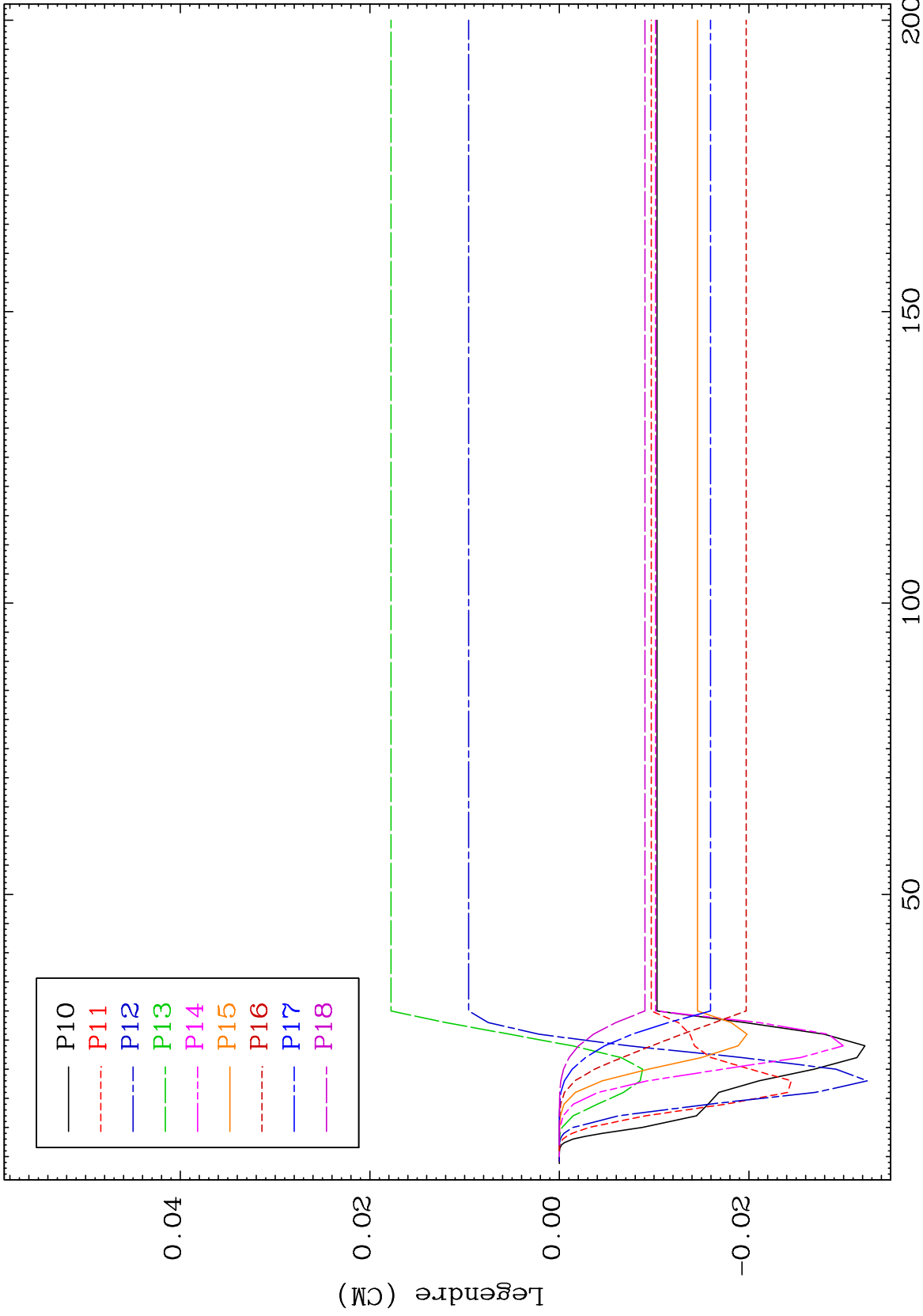
Incident Energy (MeV)

123

MAT 4037

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

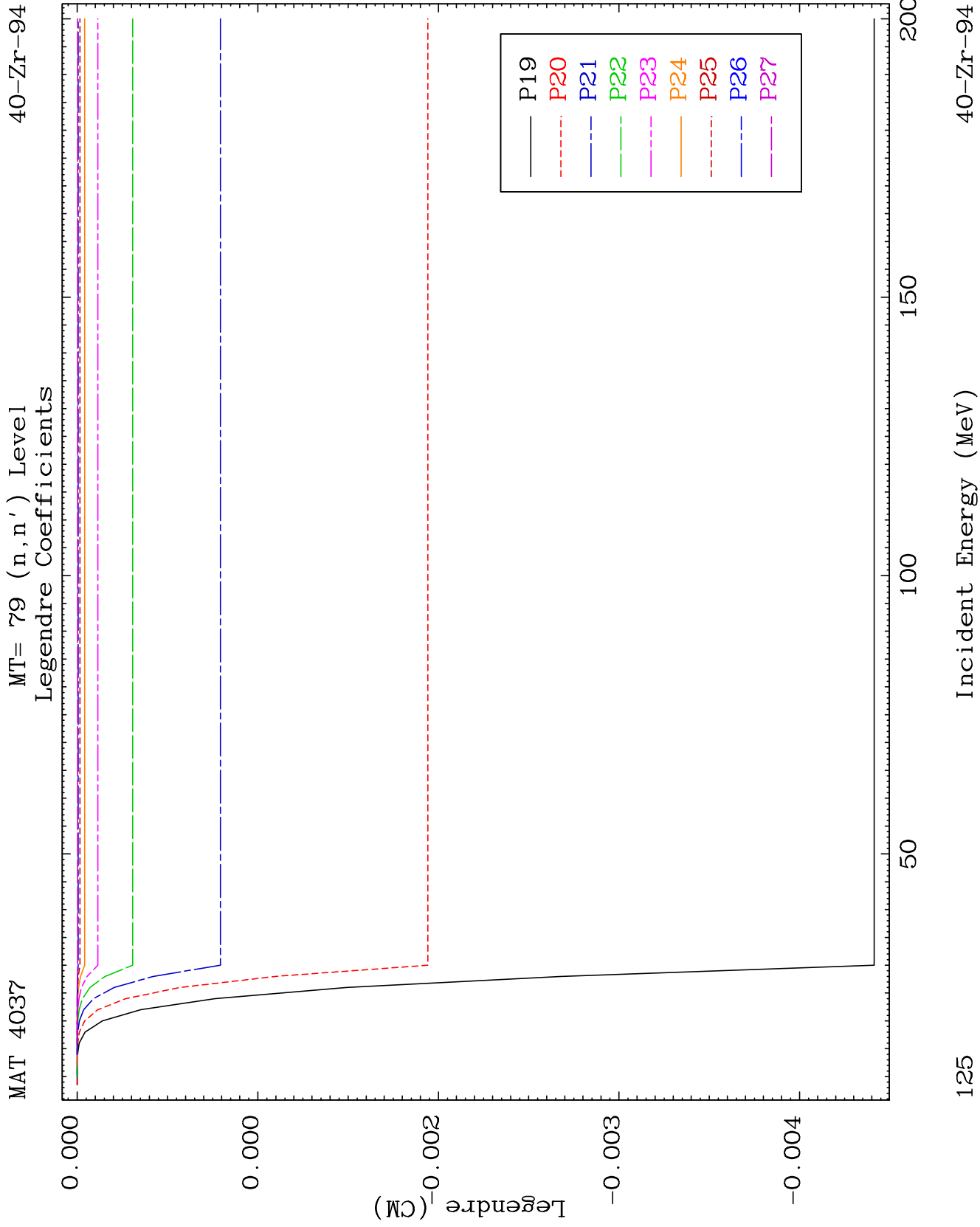
40-Zr-94



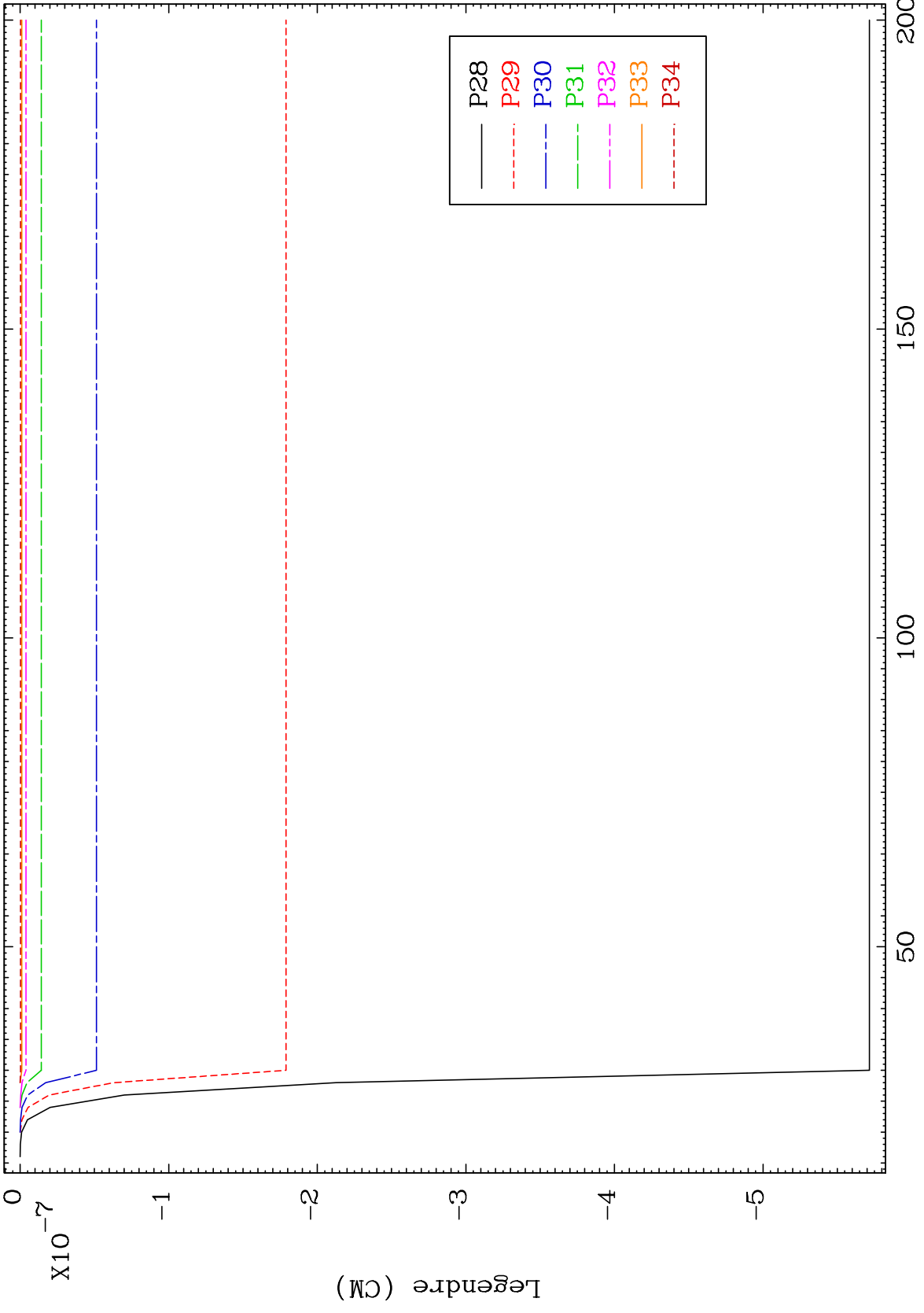
124

Incident Energy (MeV)

40-Zr-94



MAT 4037 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-94

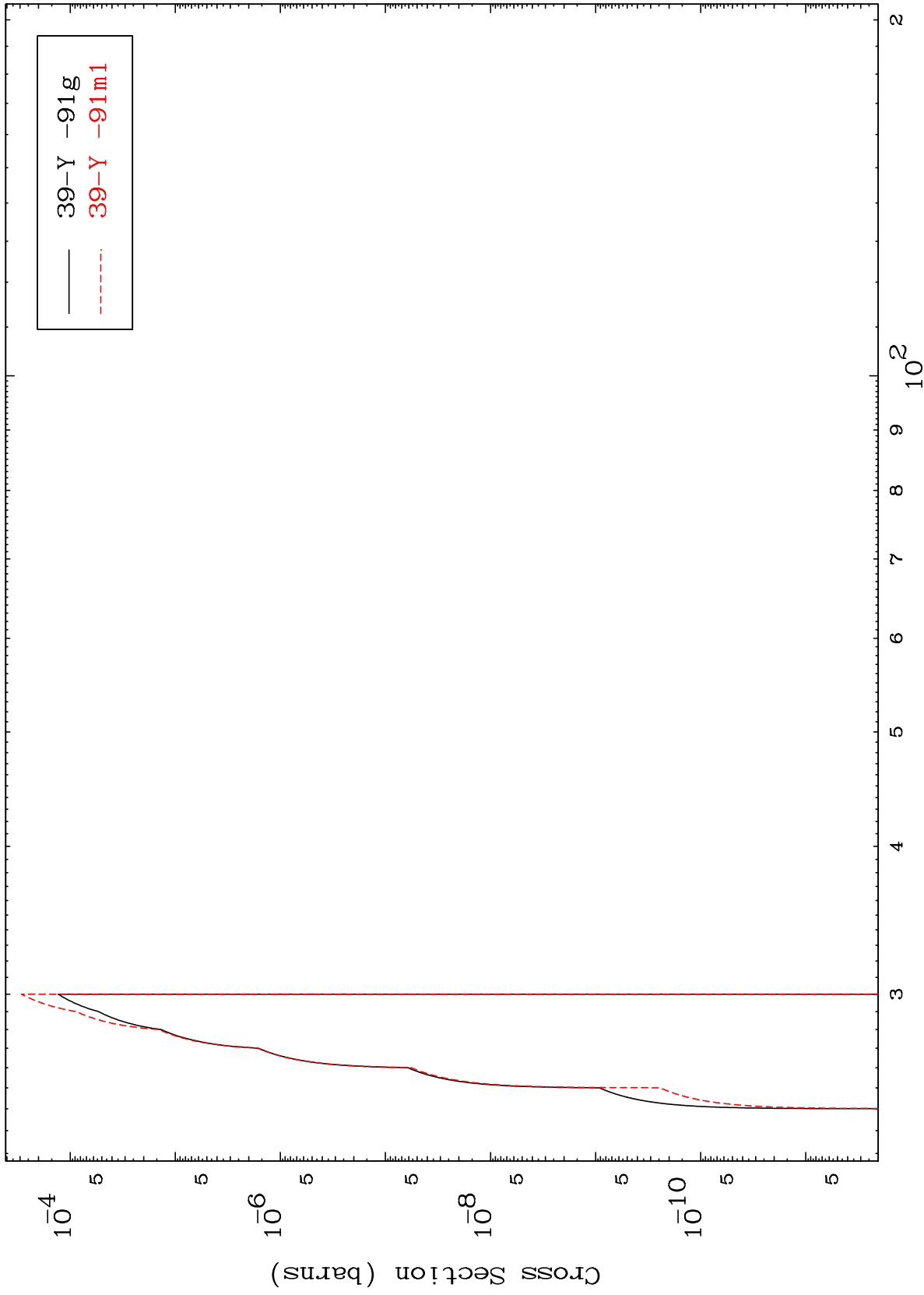


MAT 4037

(n,2n) d

40-Zr-94

Radionuclide Production Cross Section



127

Incident Energy (MeV)

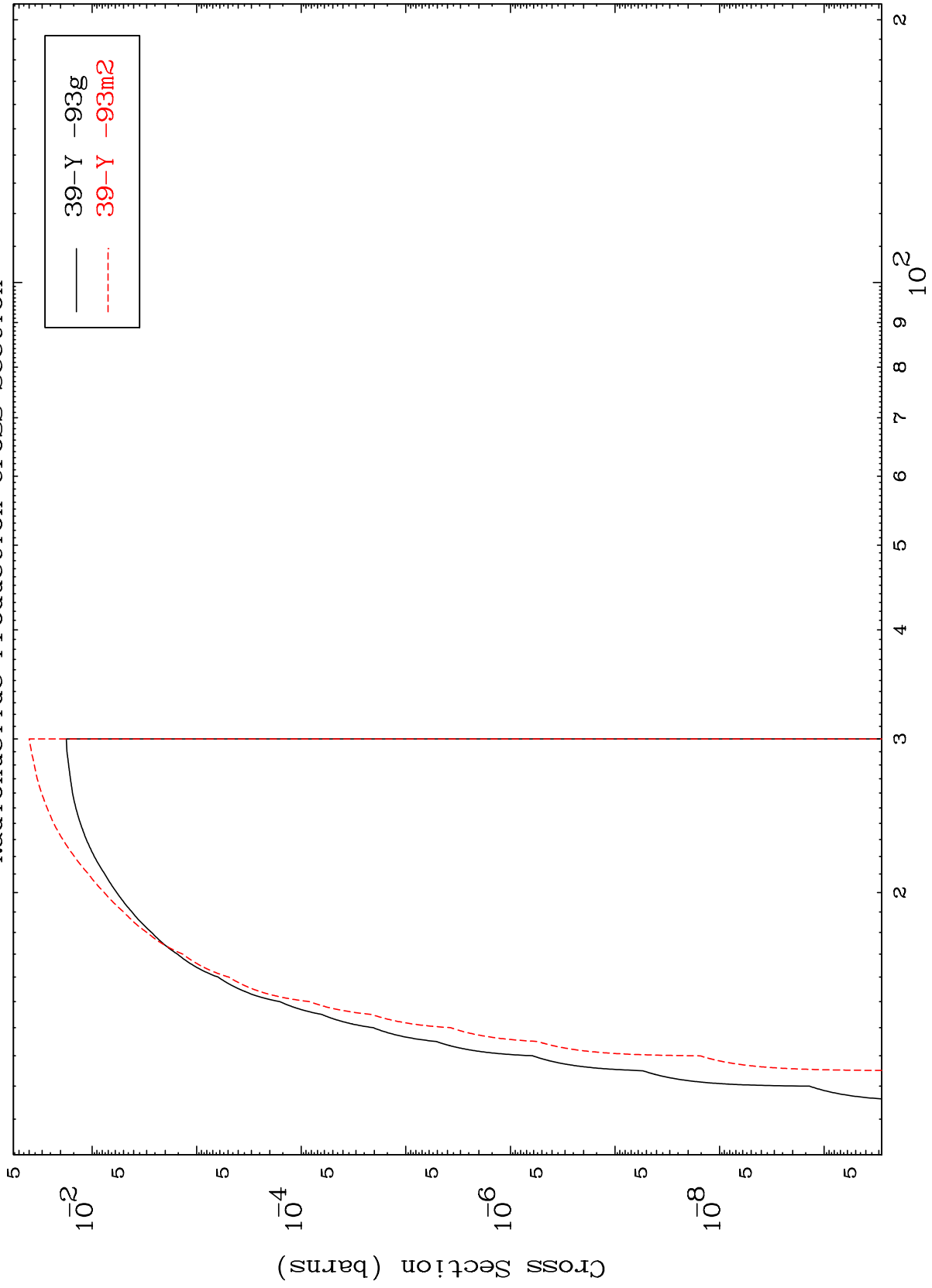
40-Zr-94

MAT 4037

(n,n') p

40-Zr-94

Radionuclide Production Cross Section



128

Incident Energy (MeV)

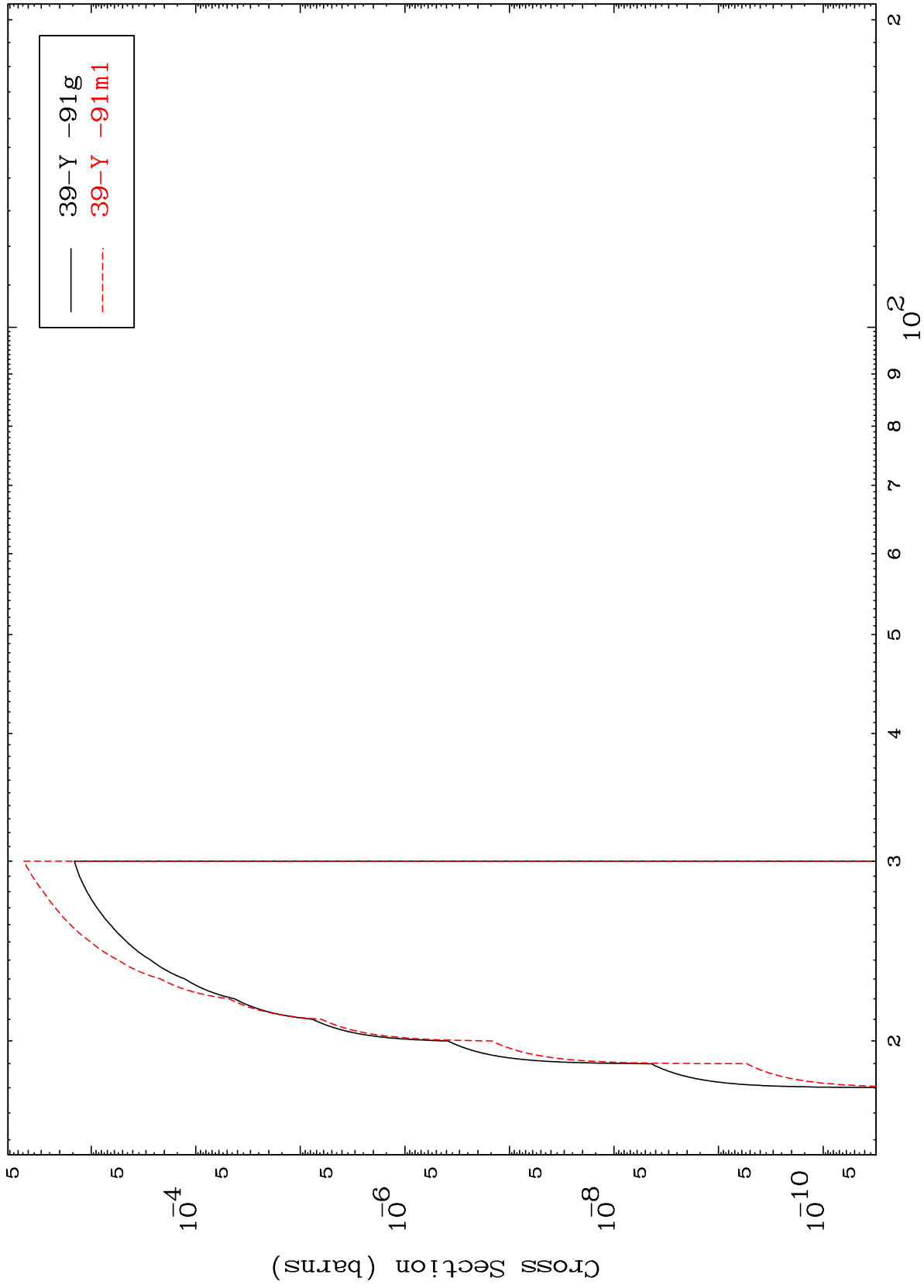
40-Zr-94

MAT 4037

(n,n') t

40-Zr-94

Radionuclide Production Cross Section



129

Incident Energy (MeV)

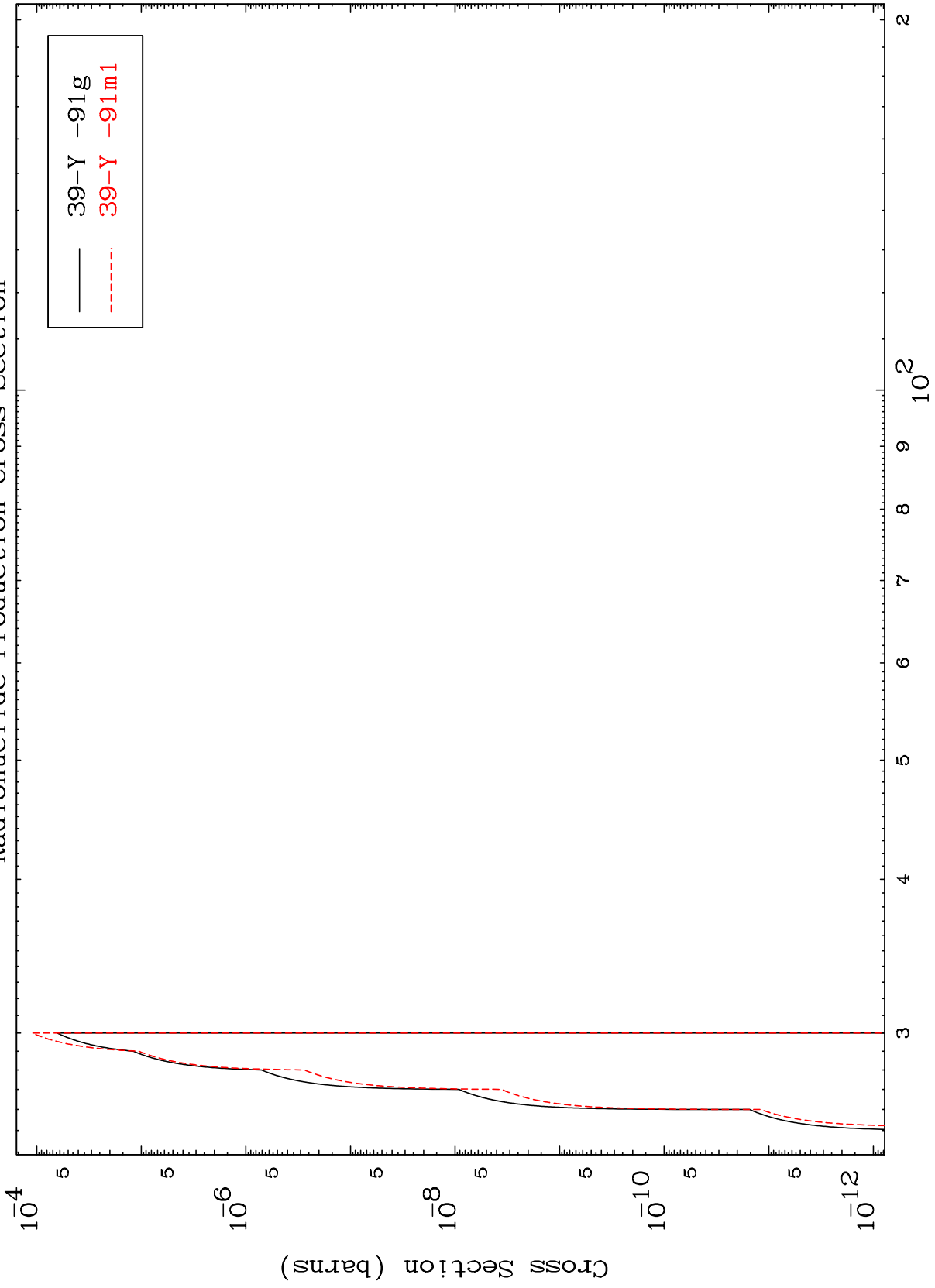
40-Zr-94

MAT 4037

(n,3n) p

40-Zr-94

Radionuclide Production Cross Section



130

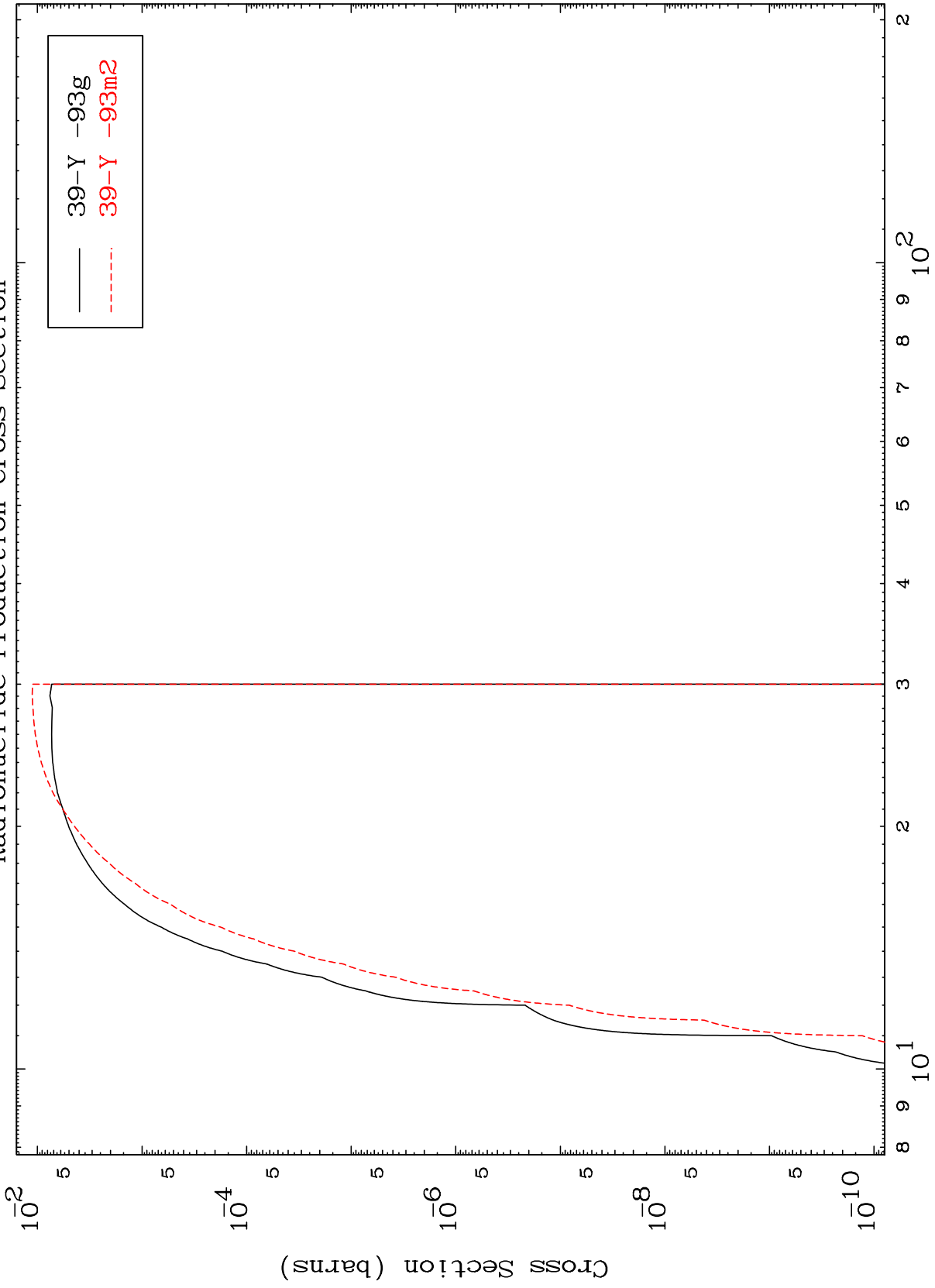
Incident Energy (MeV)

40-Zr-94

MAT 4037

40-Zr-94

(n,d)
Radionuclide Production Cross Section



131

40-Zr-94

MAT 4037

(n,p) α

40-Zr-94

Radionuclide Production Cross Section

