

Program EVALPLOT
(Version 2018-1)

by

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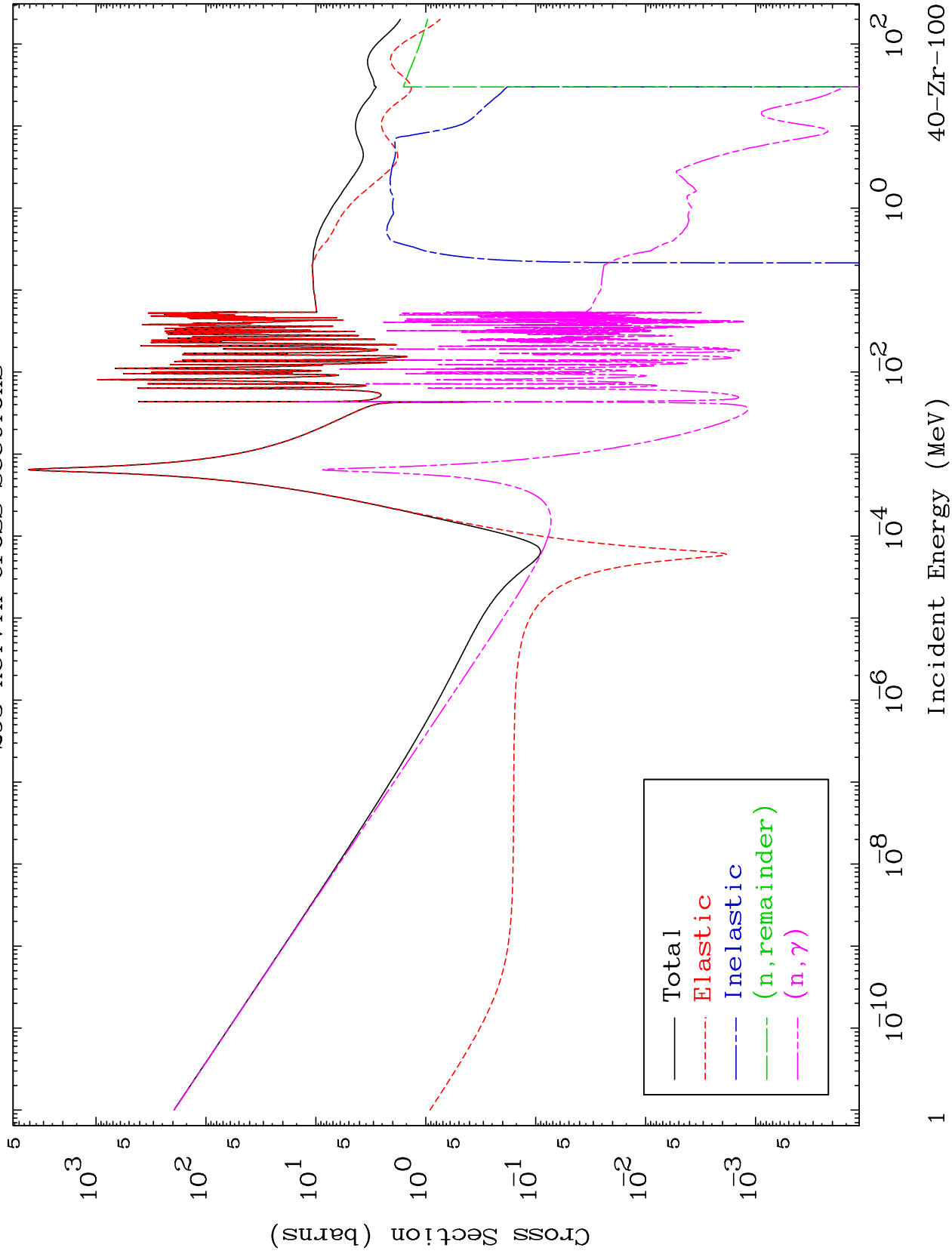
Press Mouse Button to Start

MAT 4055

Major

293 Kelvin Cross Sections

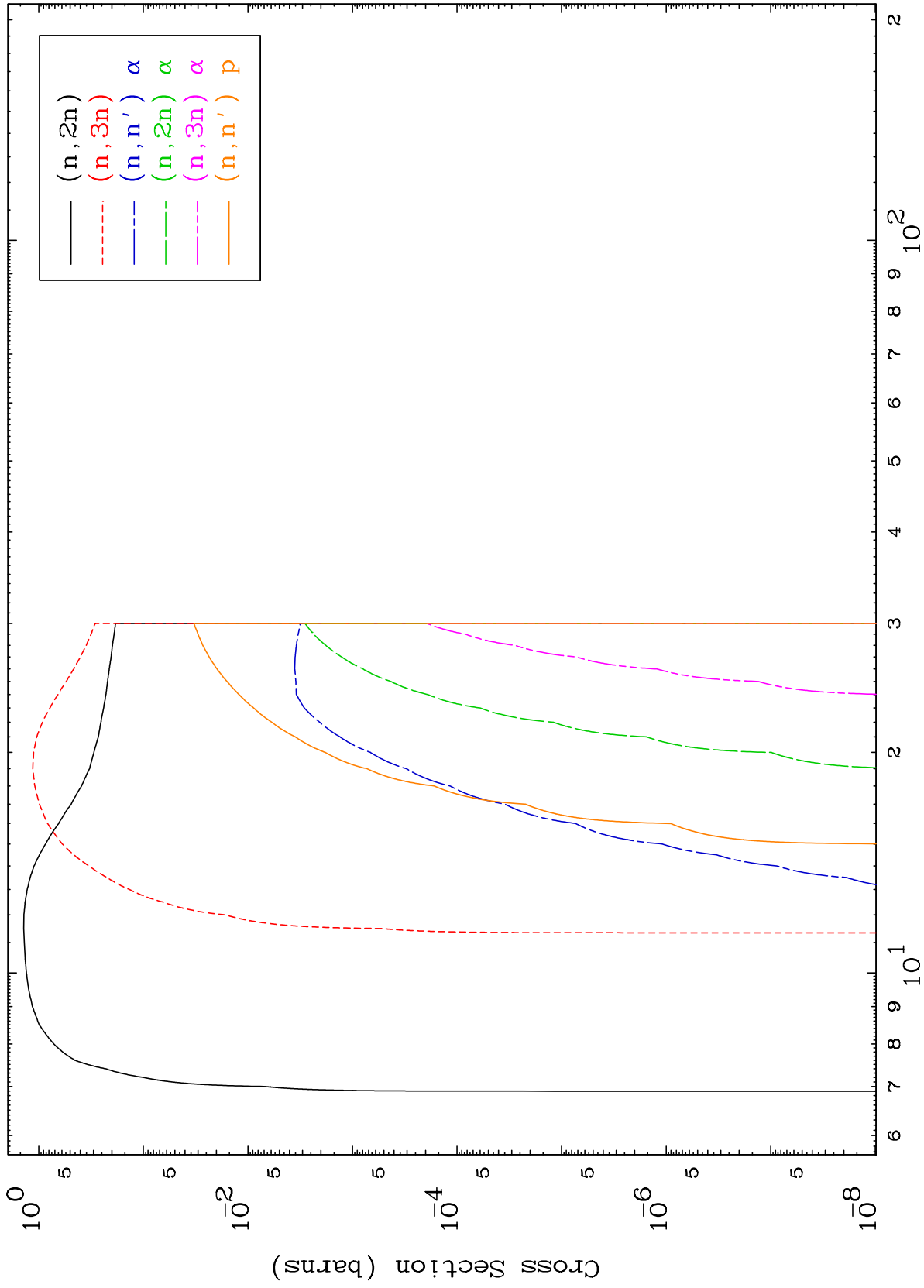
40-Zr-100



MAT 4055

Neutron Production
293 Kelvin Cross Sections

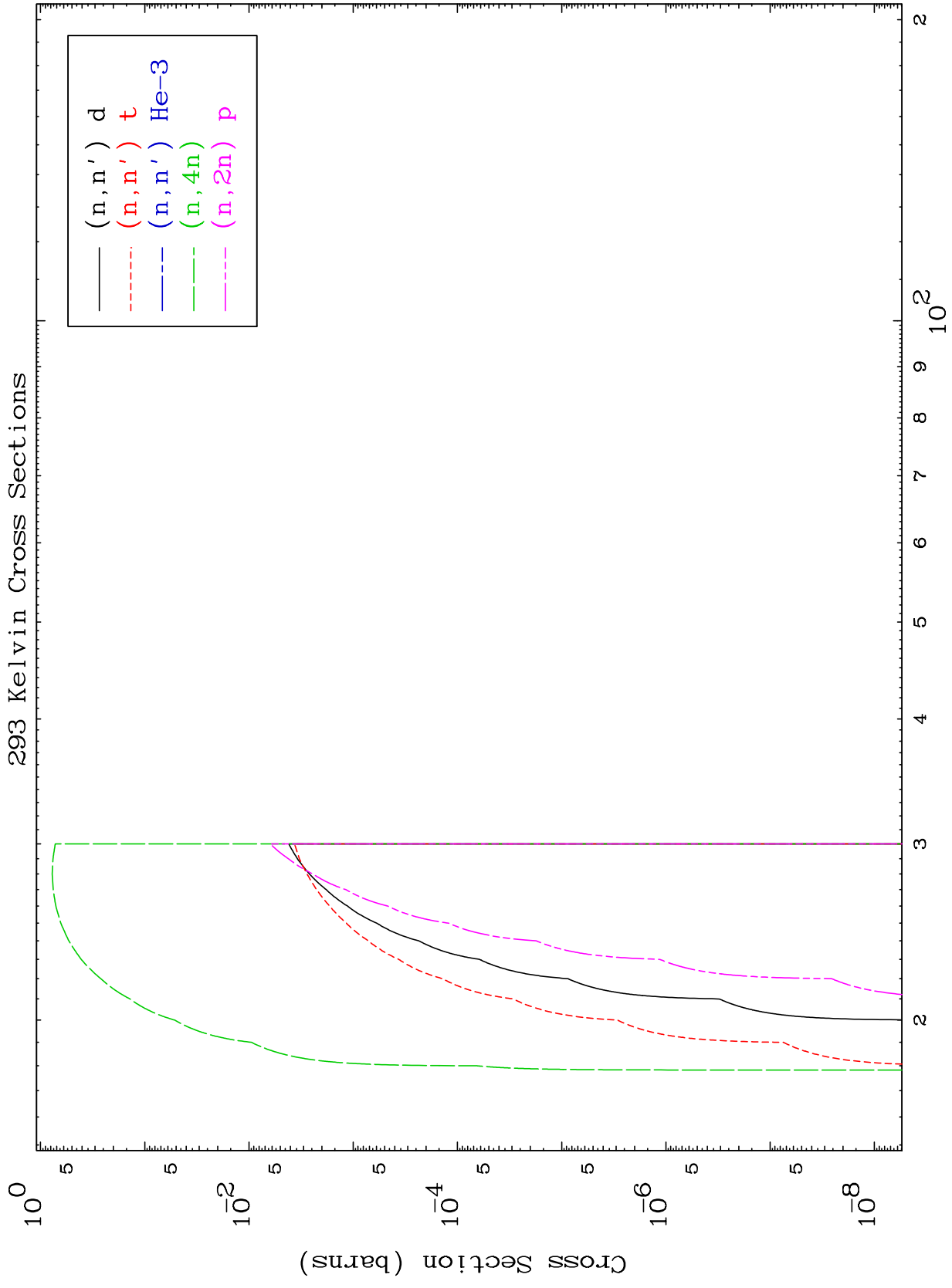
40-Zr-100



2

Incident Energy (MeV)

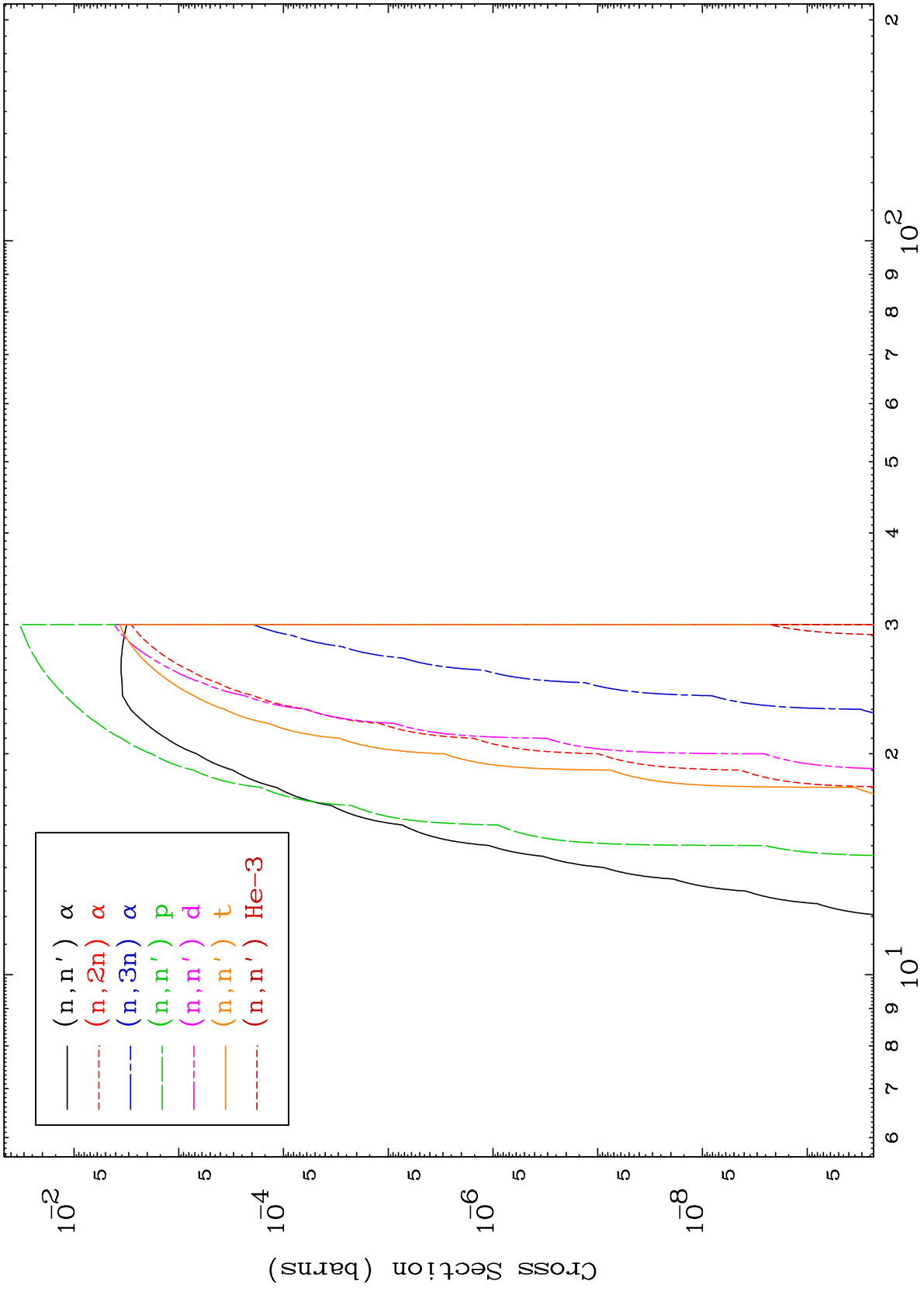
40-Zr-100



MAT 4055

Charged Particle
293 Kelvin Cross Sections

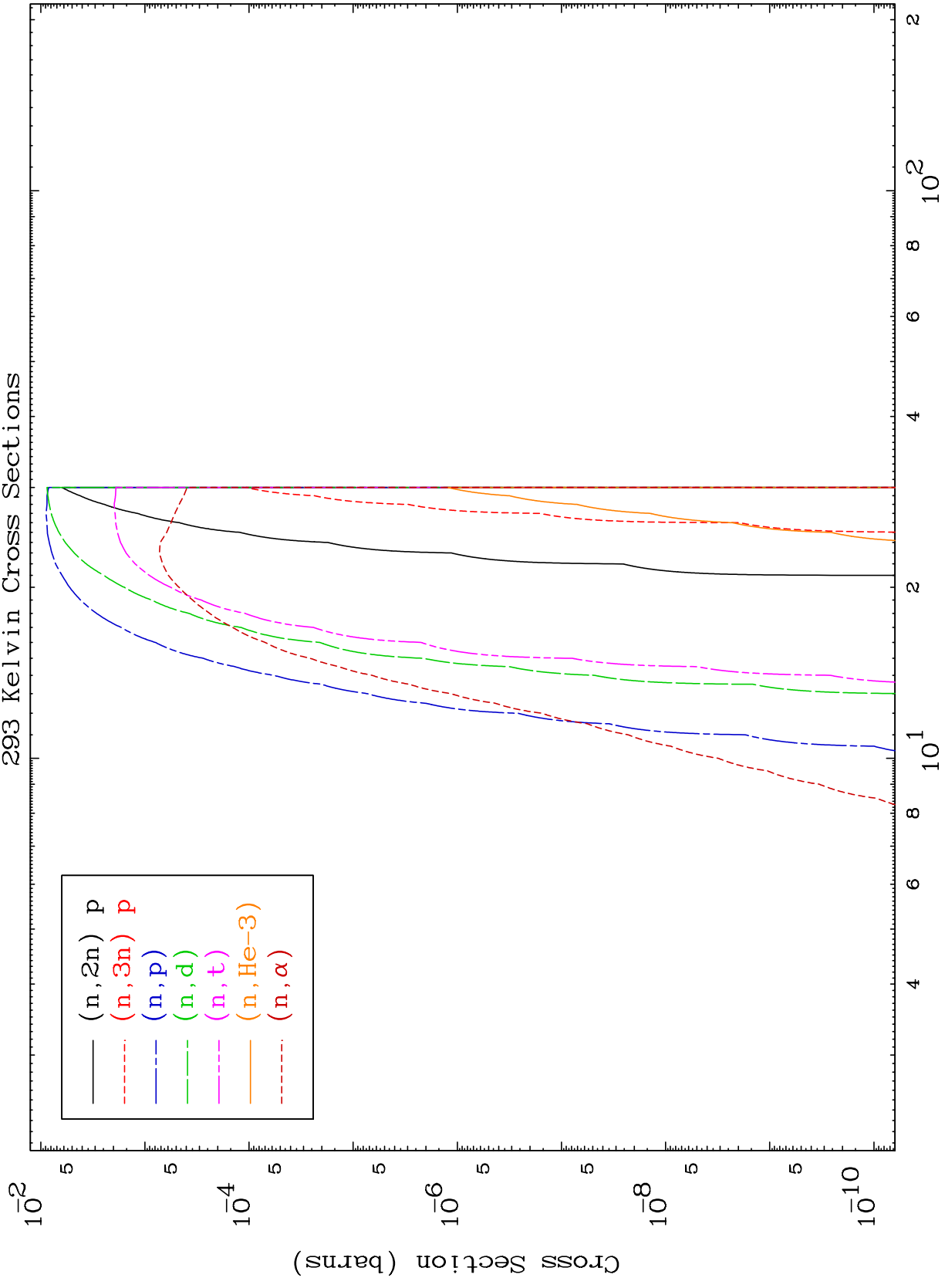
40-Zr-100

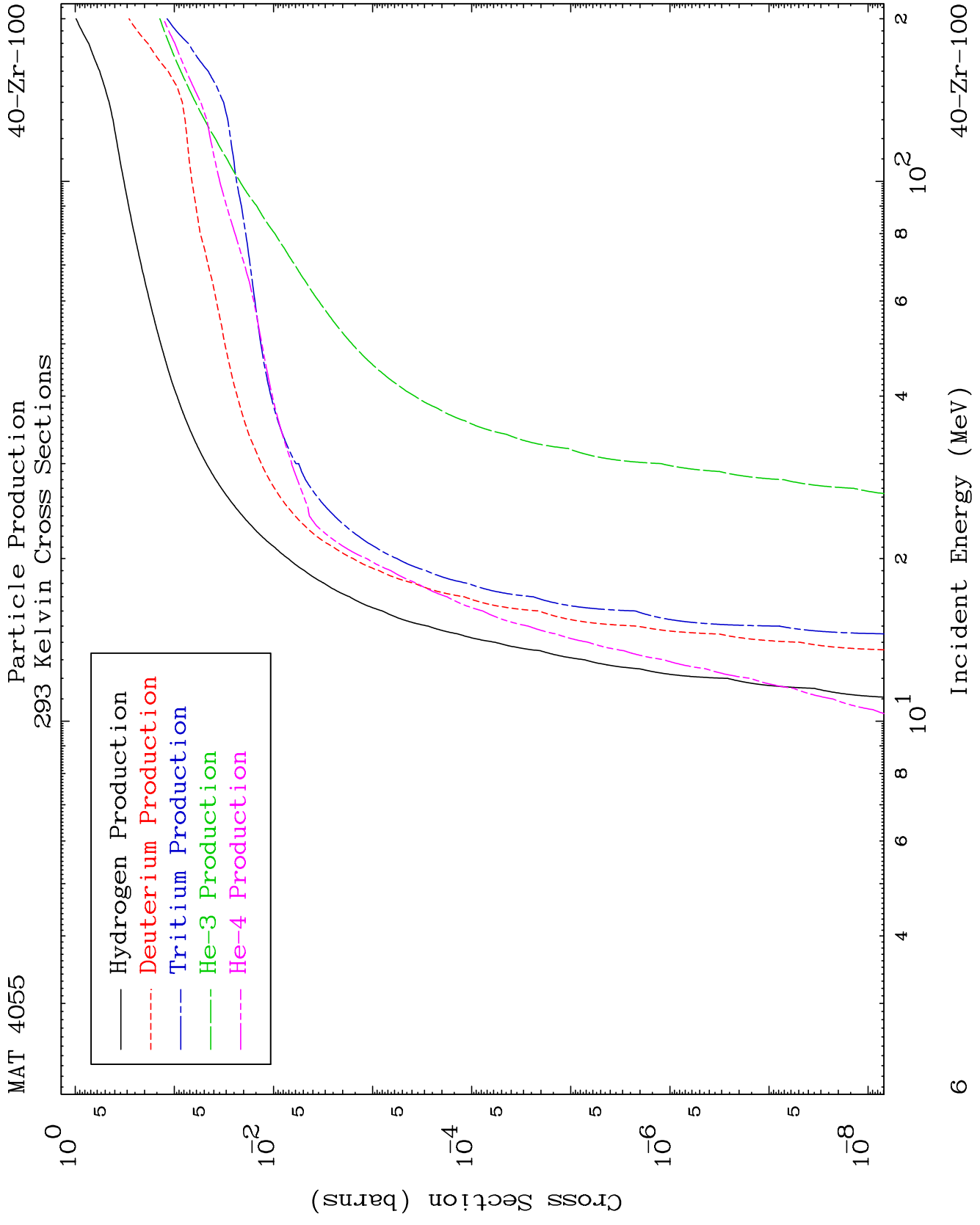


MAT 4055

Charged Particle
293 Kelvin Cross Sections

40-Zr-100



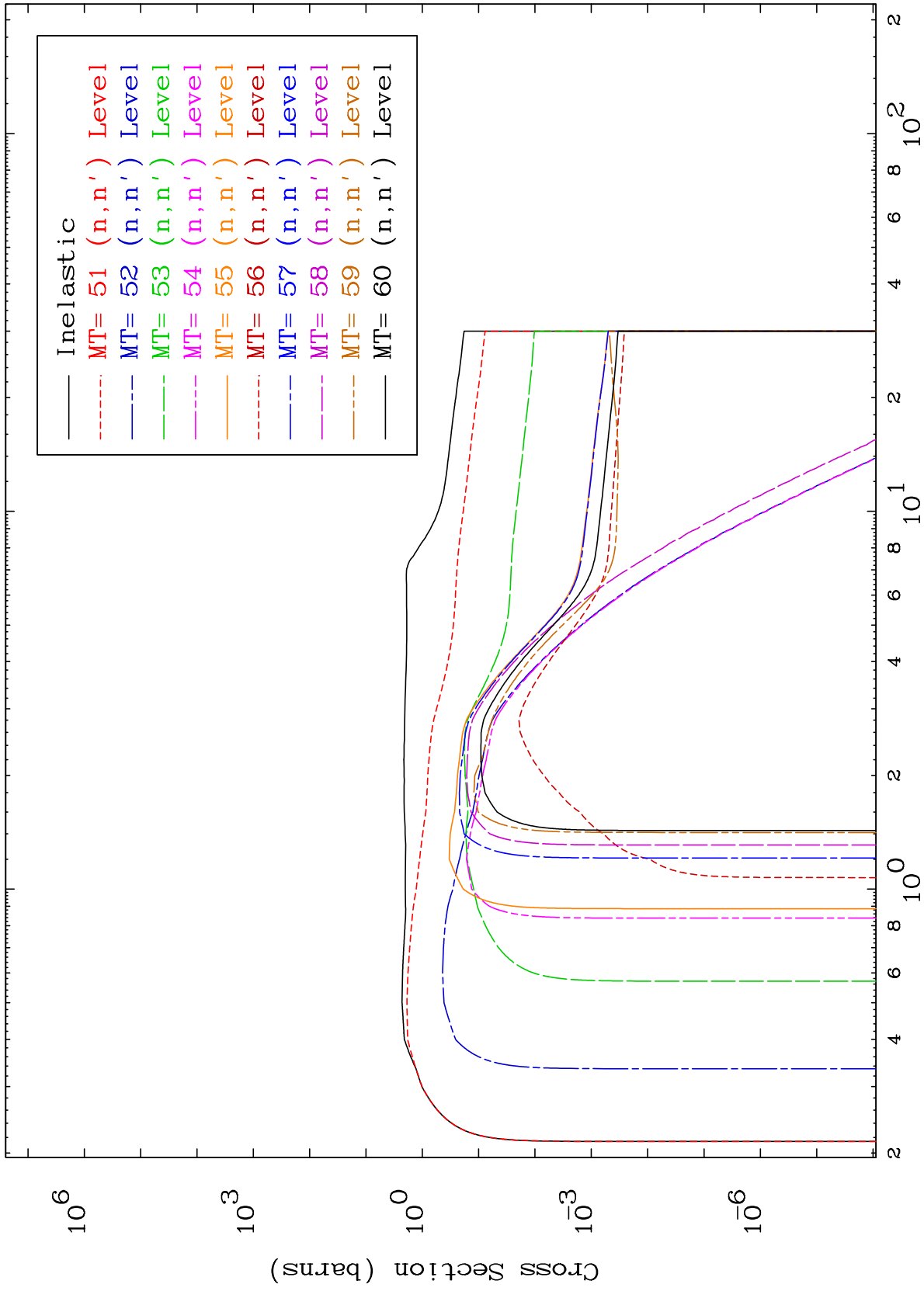


MAT 4055

(n,n') Level

40-Zr-100

293 Kelvin Cross Sections



7

Incident Energy (MeV)

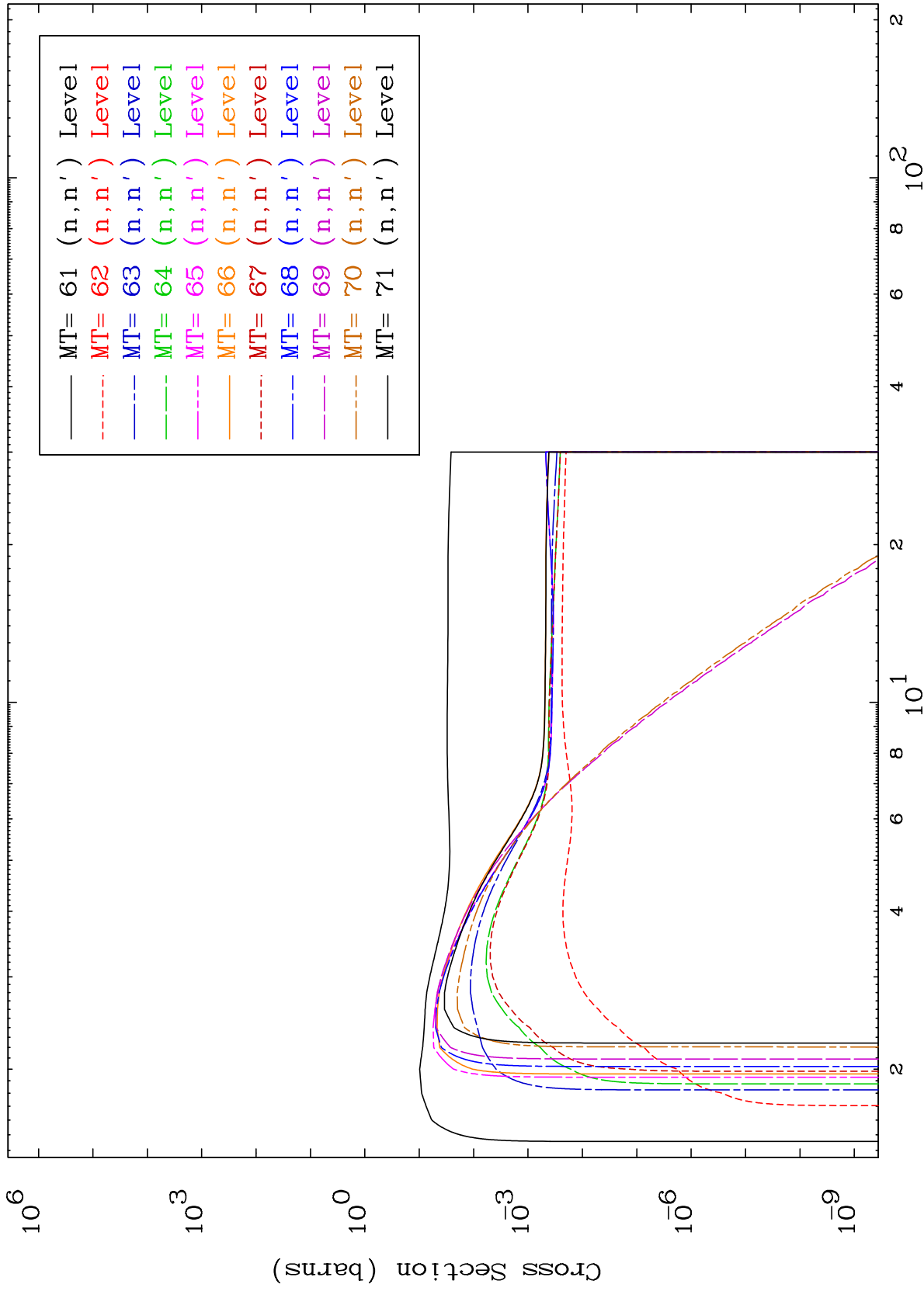
40-Zr-100

MAT 4055

(n,n') Level

40-Zr-100

293 Kelvin Cross Sections



8

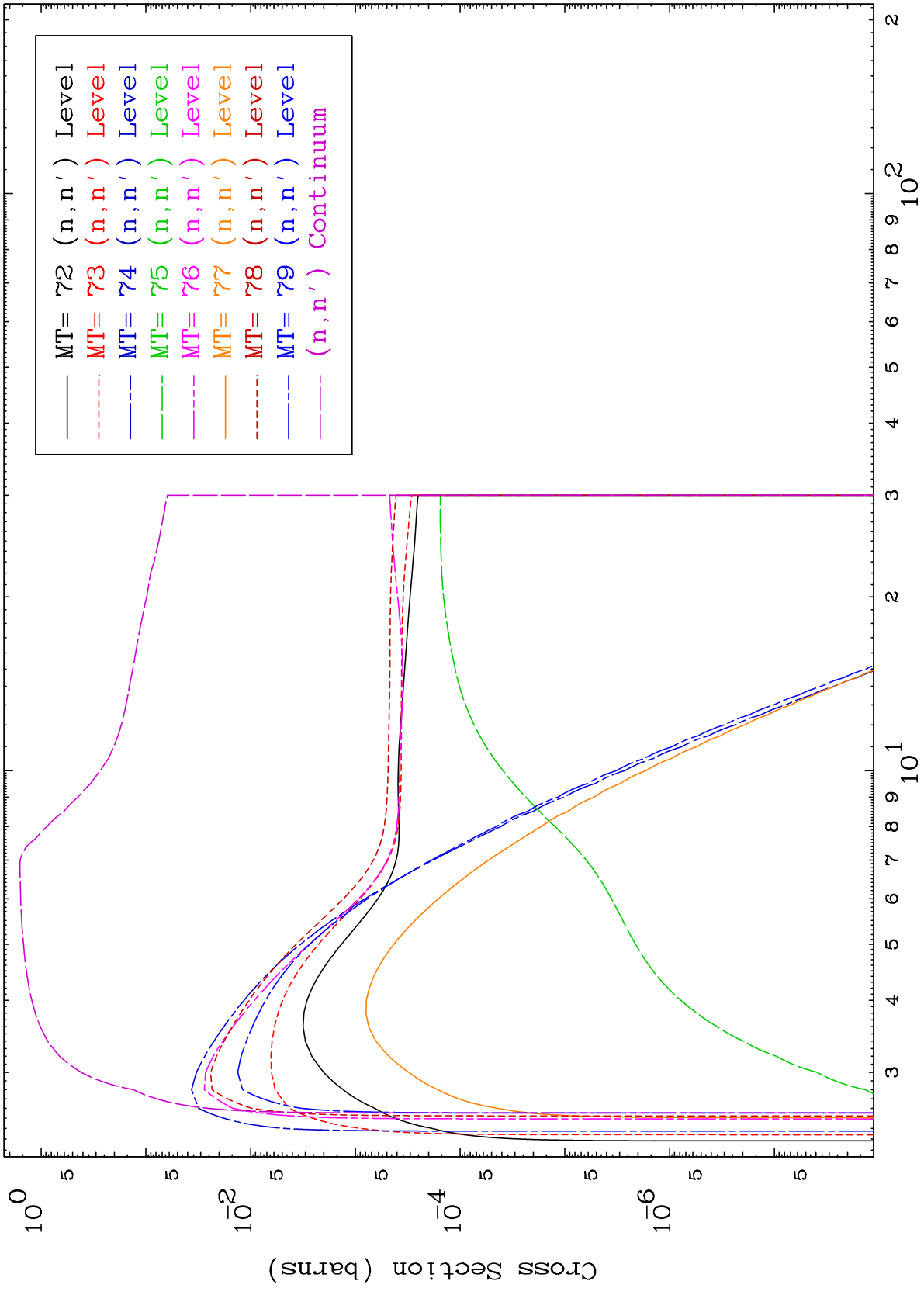
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,n') Level
293 Kelvin Cross Sections

40-Zr-100



9

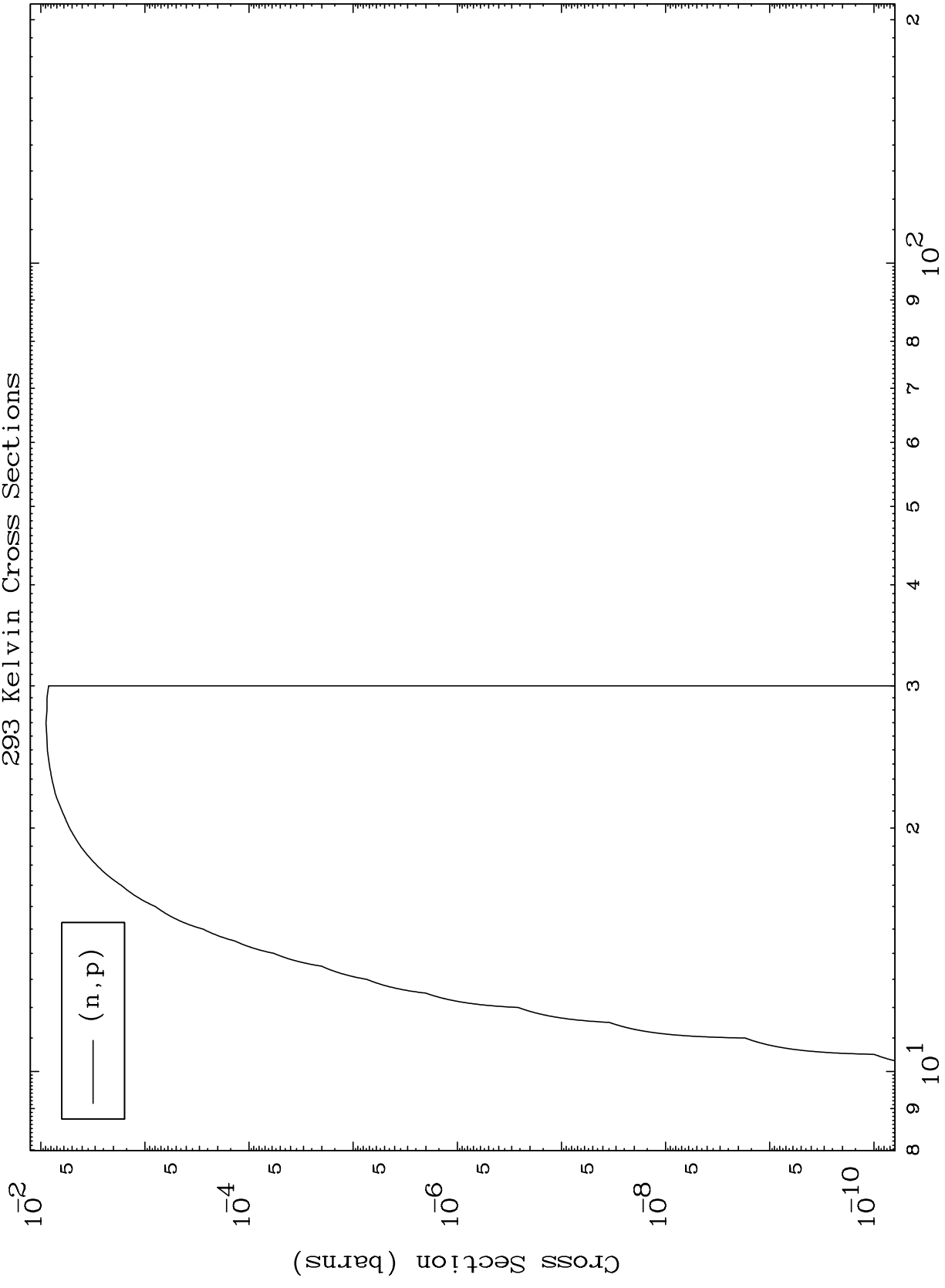
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-100



10

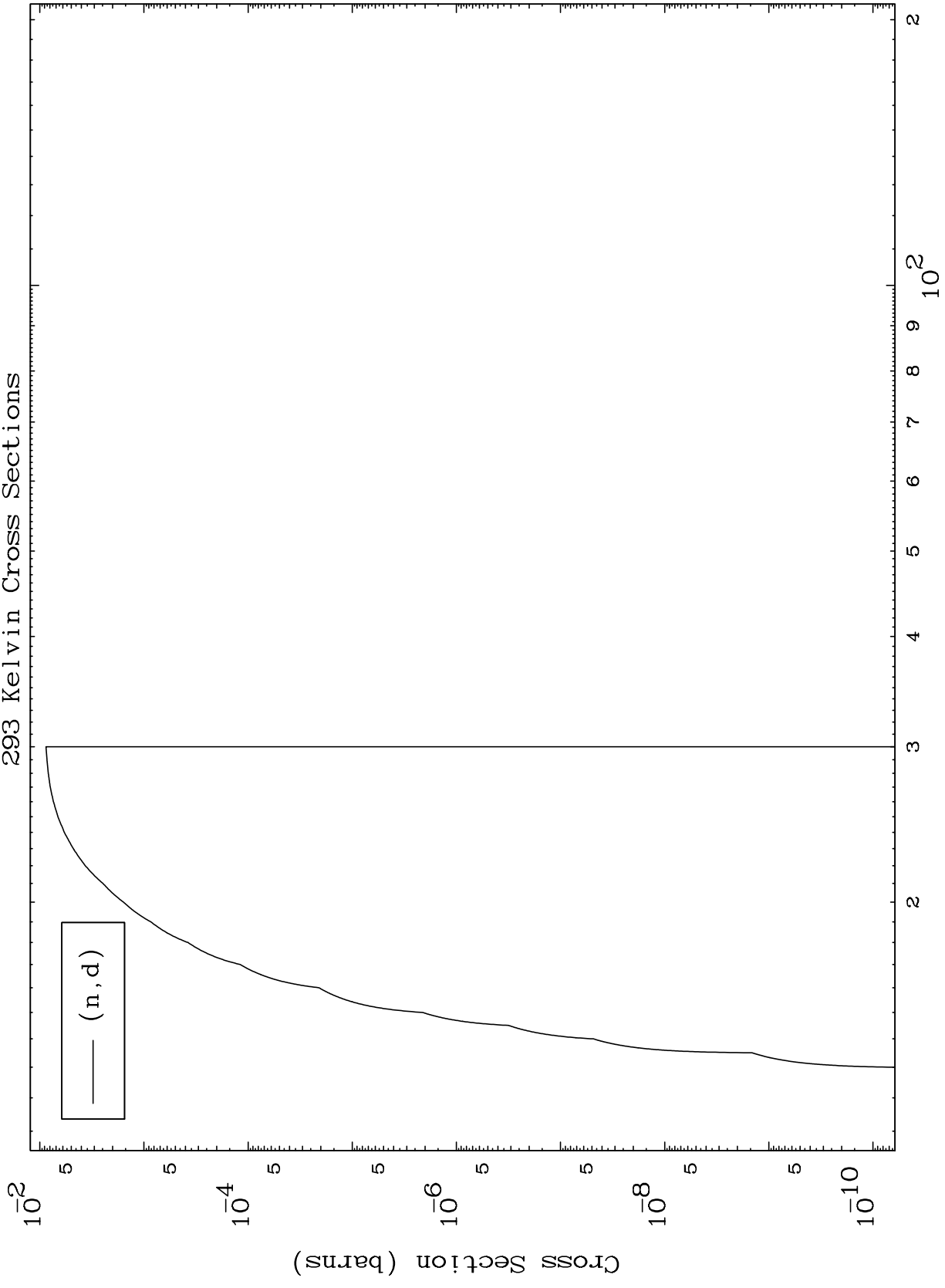
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-100

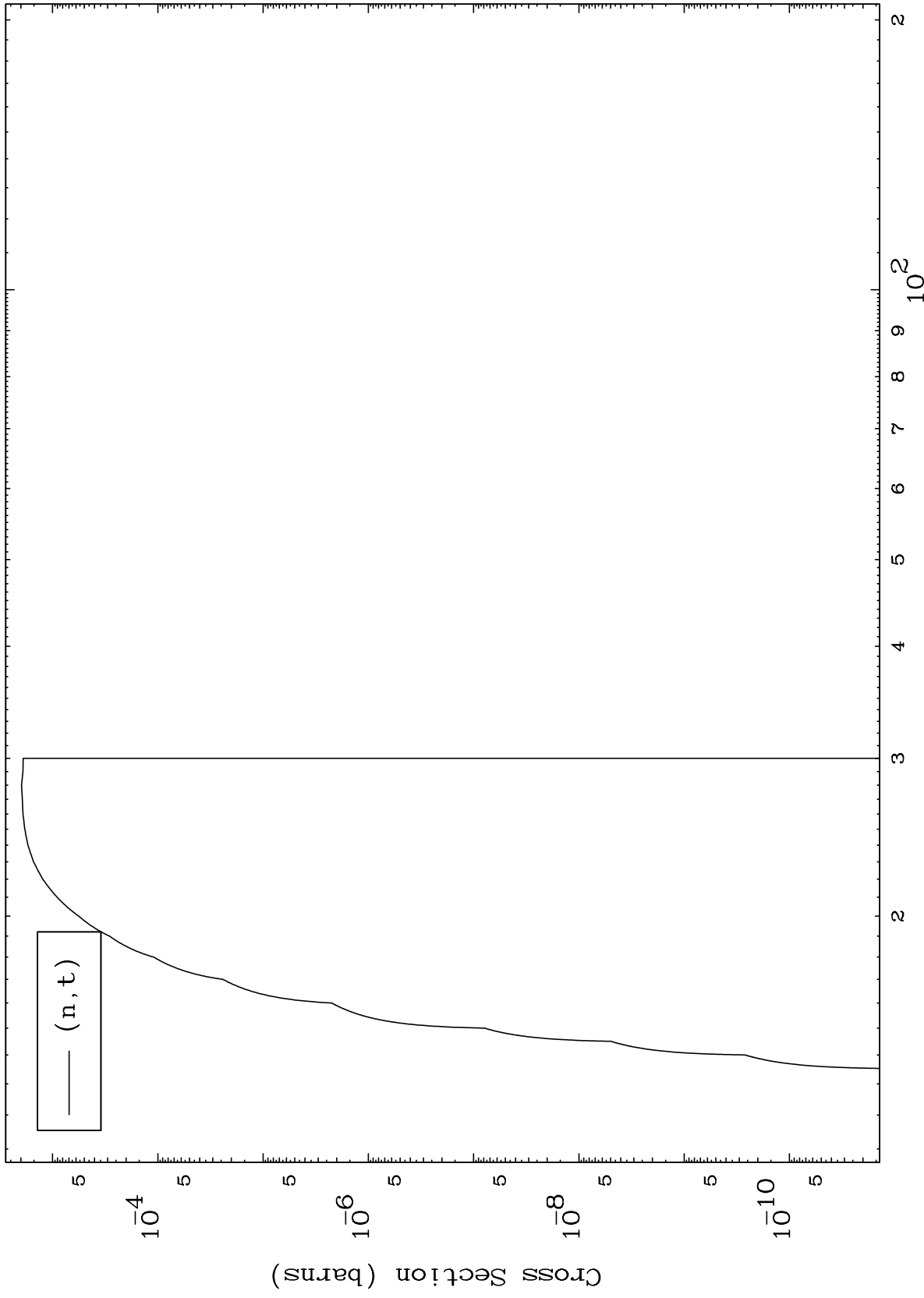


40-Zr-100

MAT 4055

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-100



12

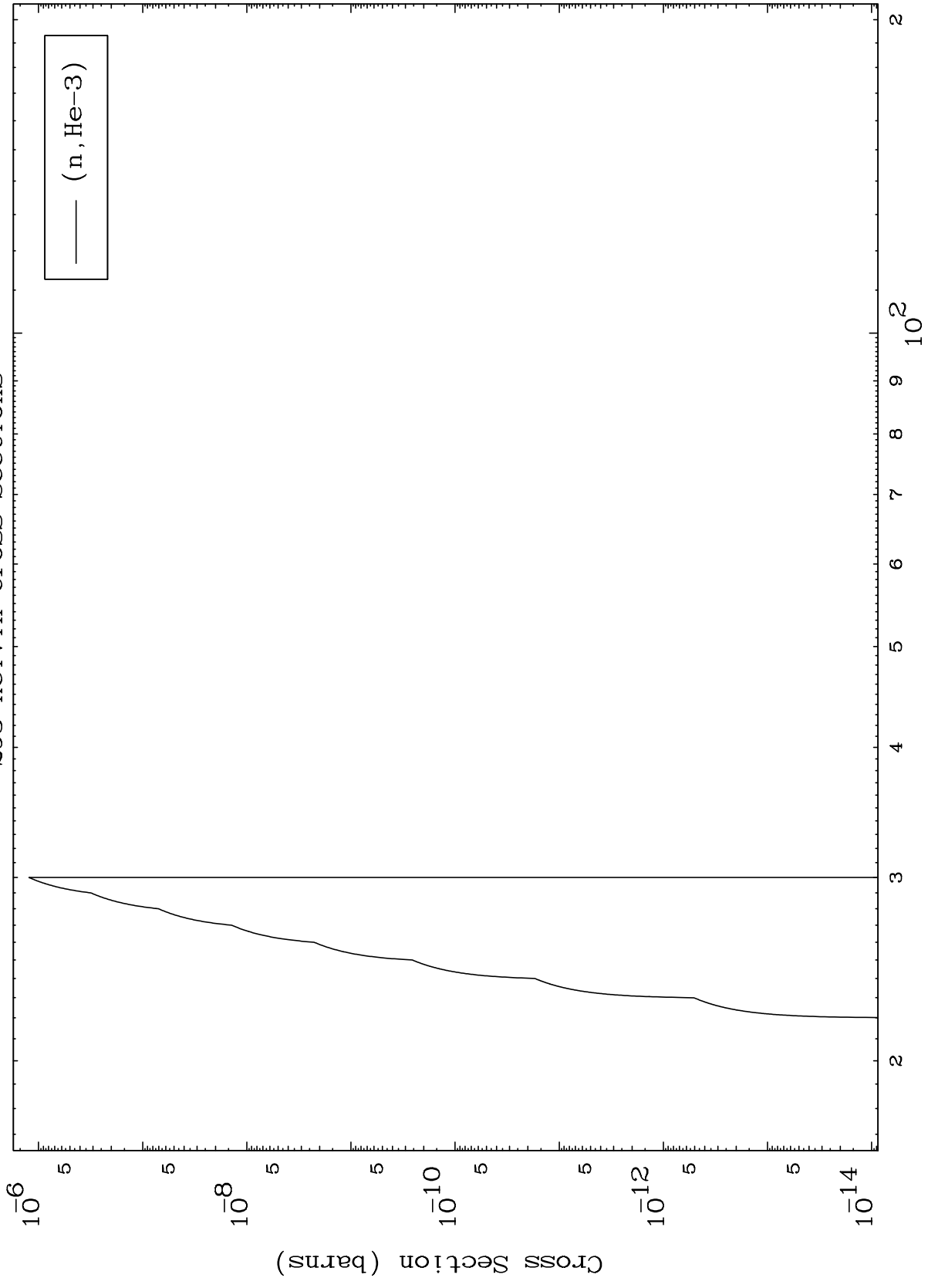
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-100



13

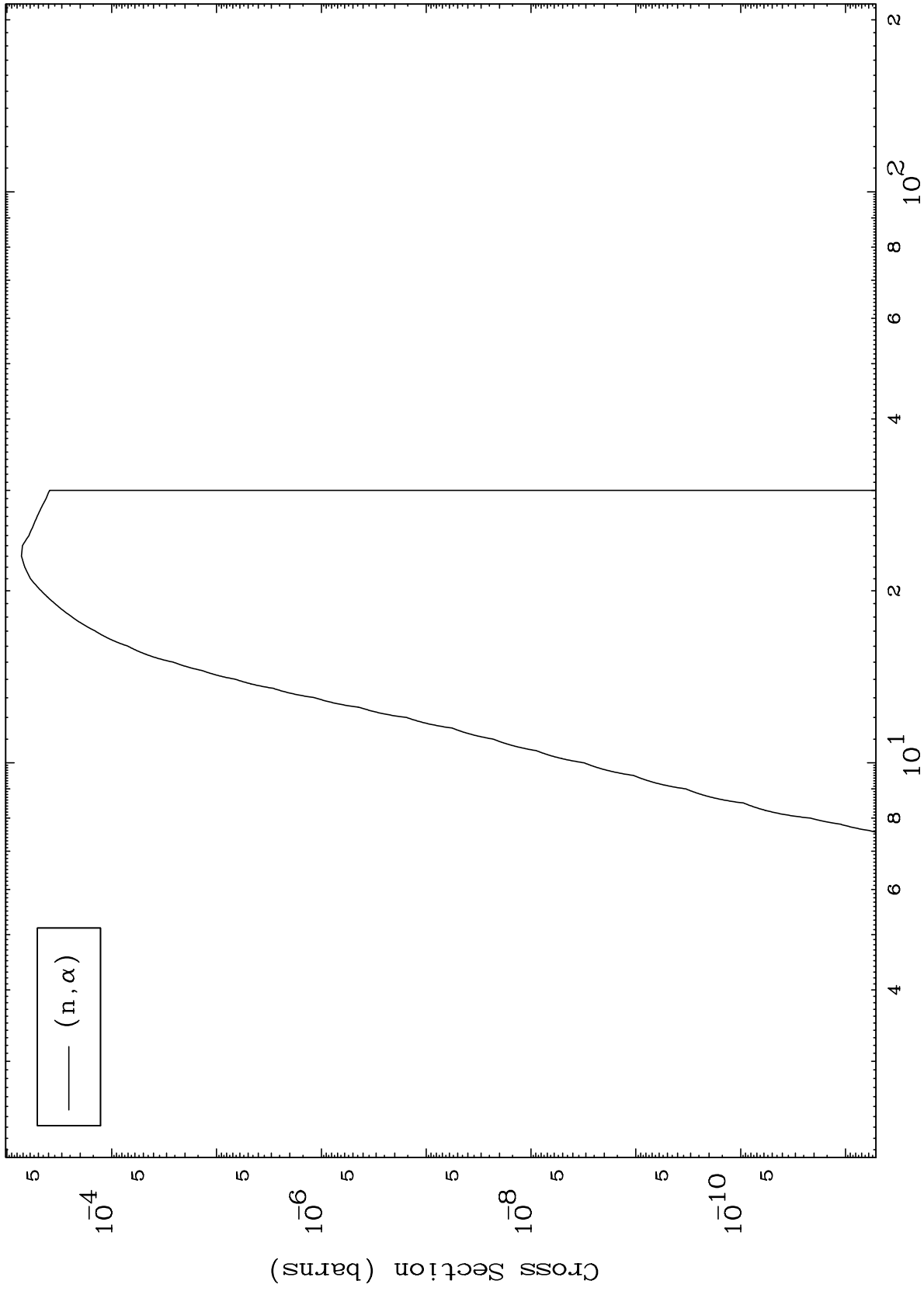
Incident Energy (MeV)

40-Zr-100

MAT 4055

(n,α) Levels
293 Kelvin Cross Sections

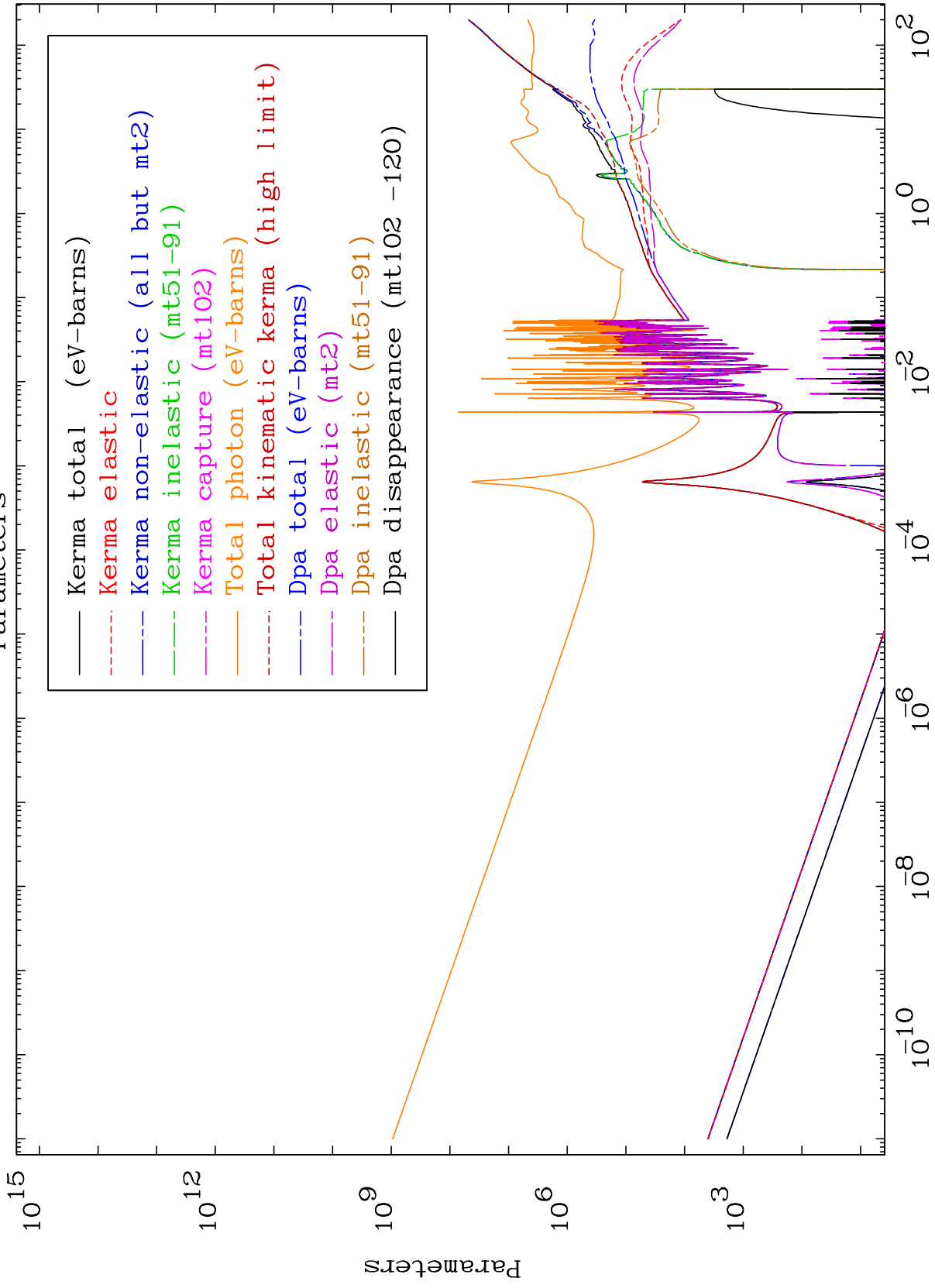
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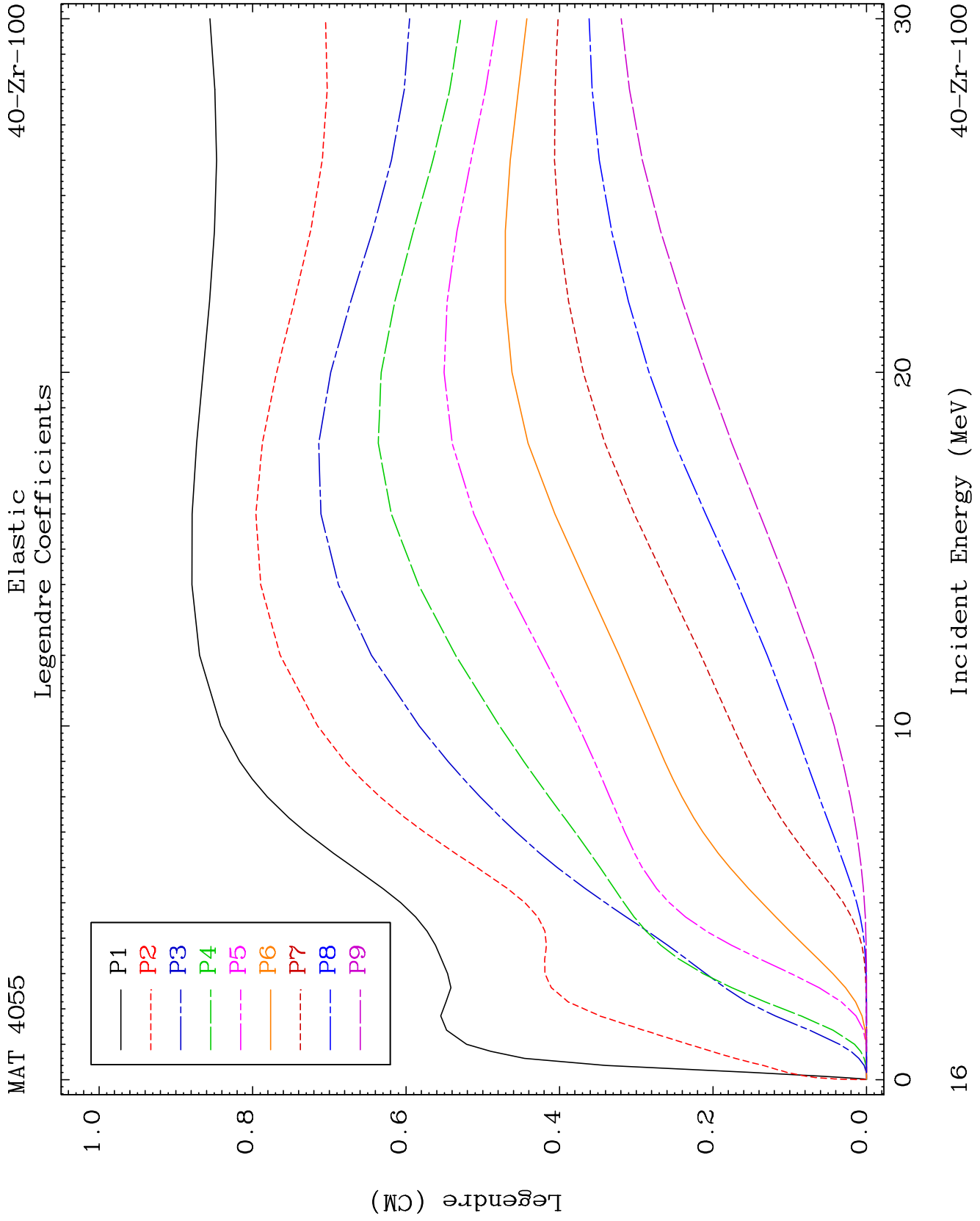


14

Incident Energy (MeV)

40-Zr-100

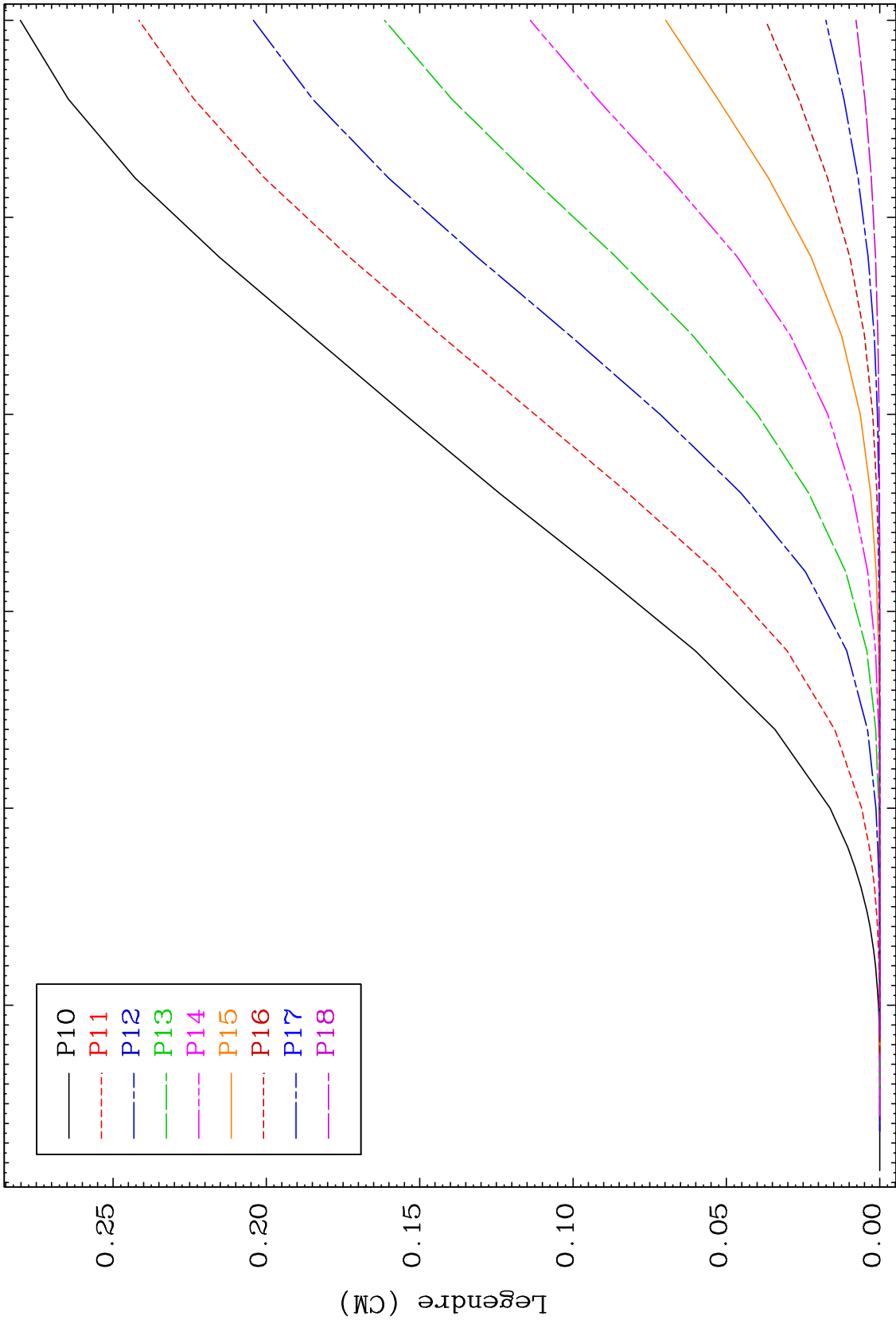




MAT 4055

Elastic Legendre Coefficients

40-Zr-100



17

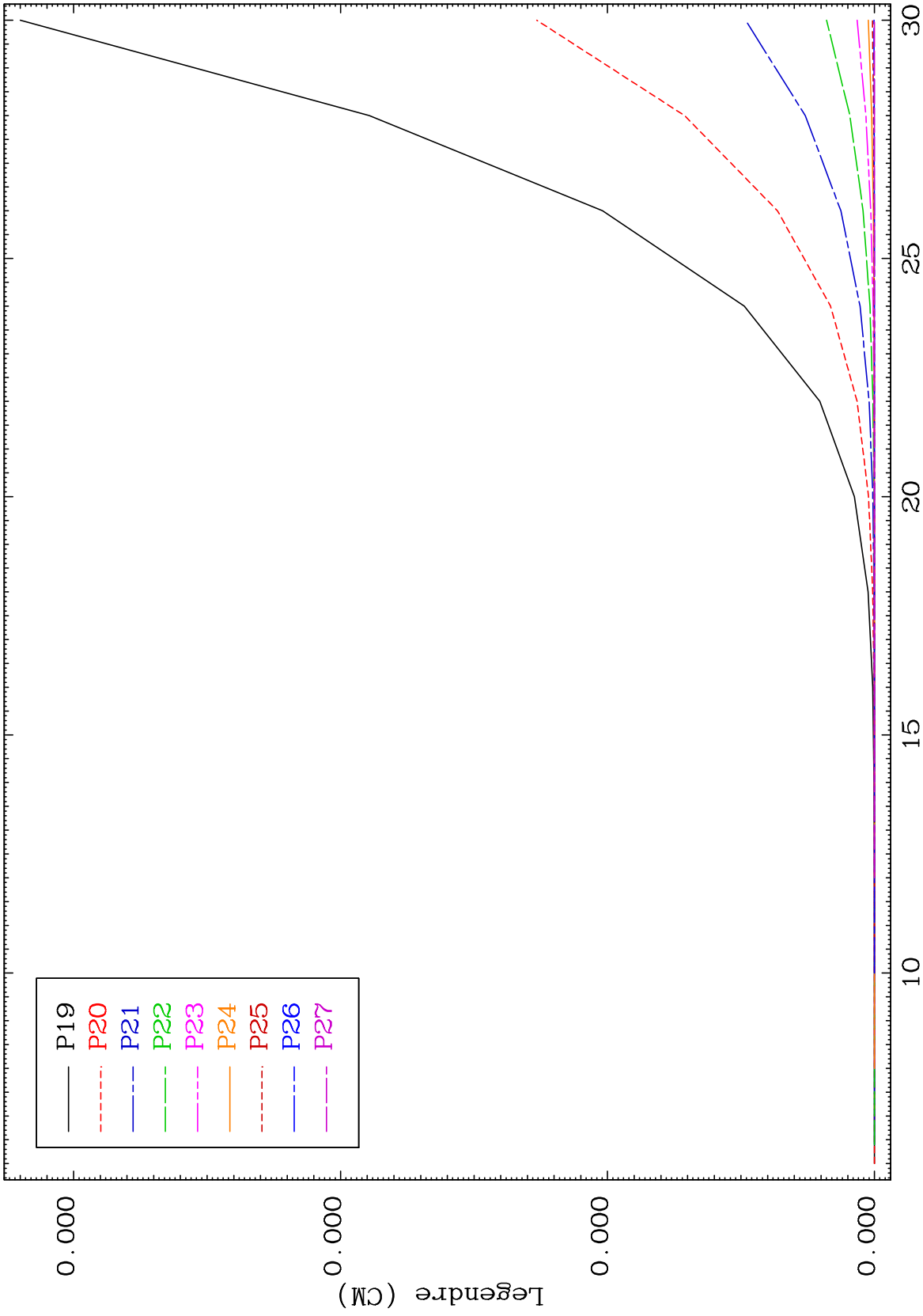
Incident Energy (MeV)

40-Zr-100

MAT 4055

Elastic Legendre Coefficients

40-Zr-100

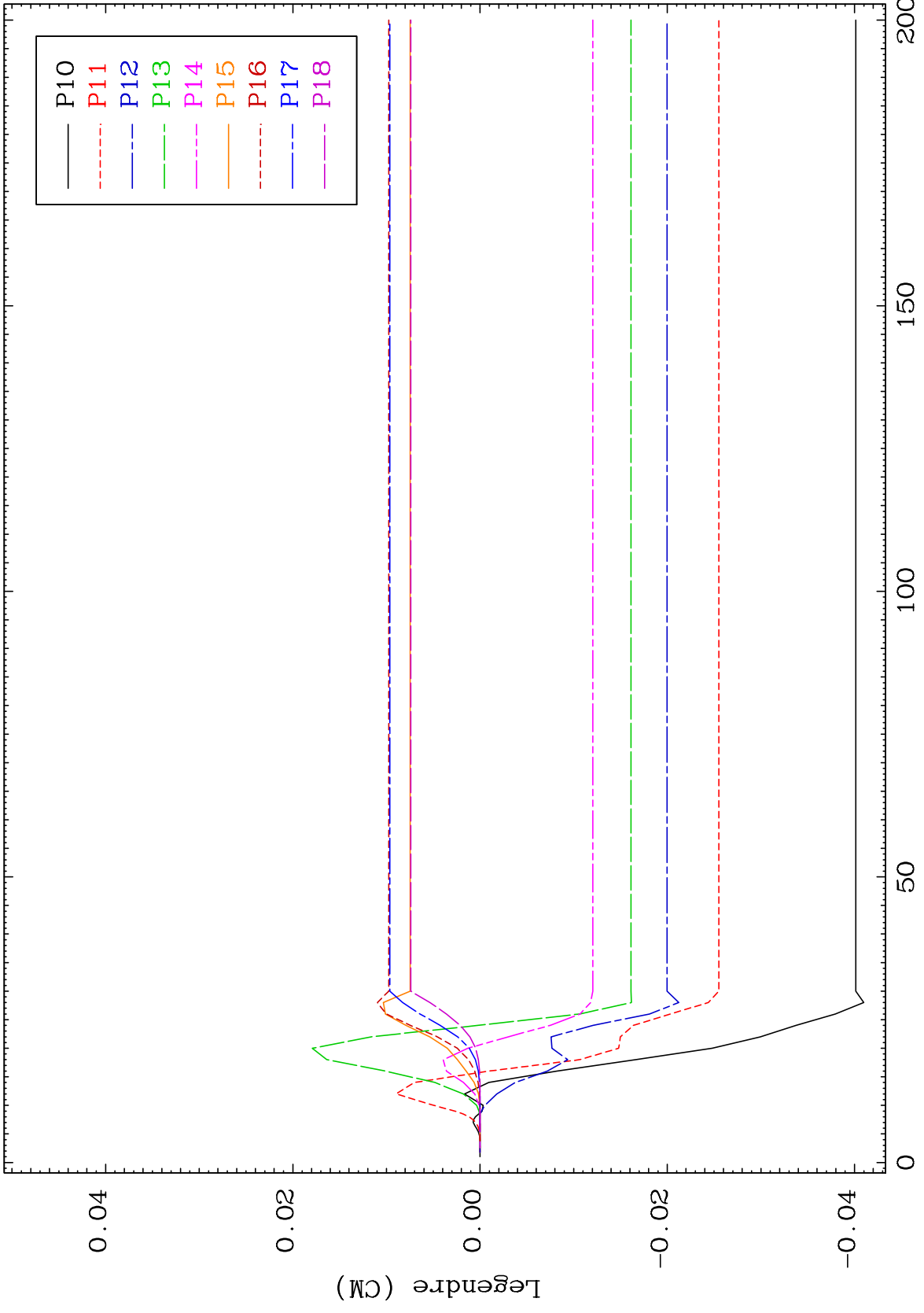


18

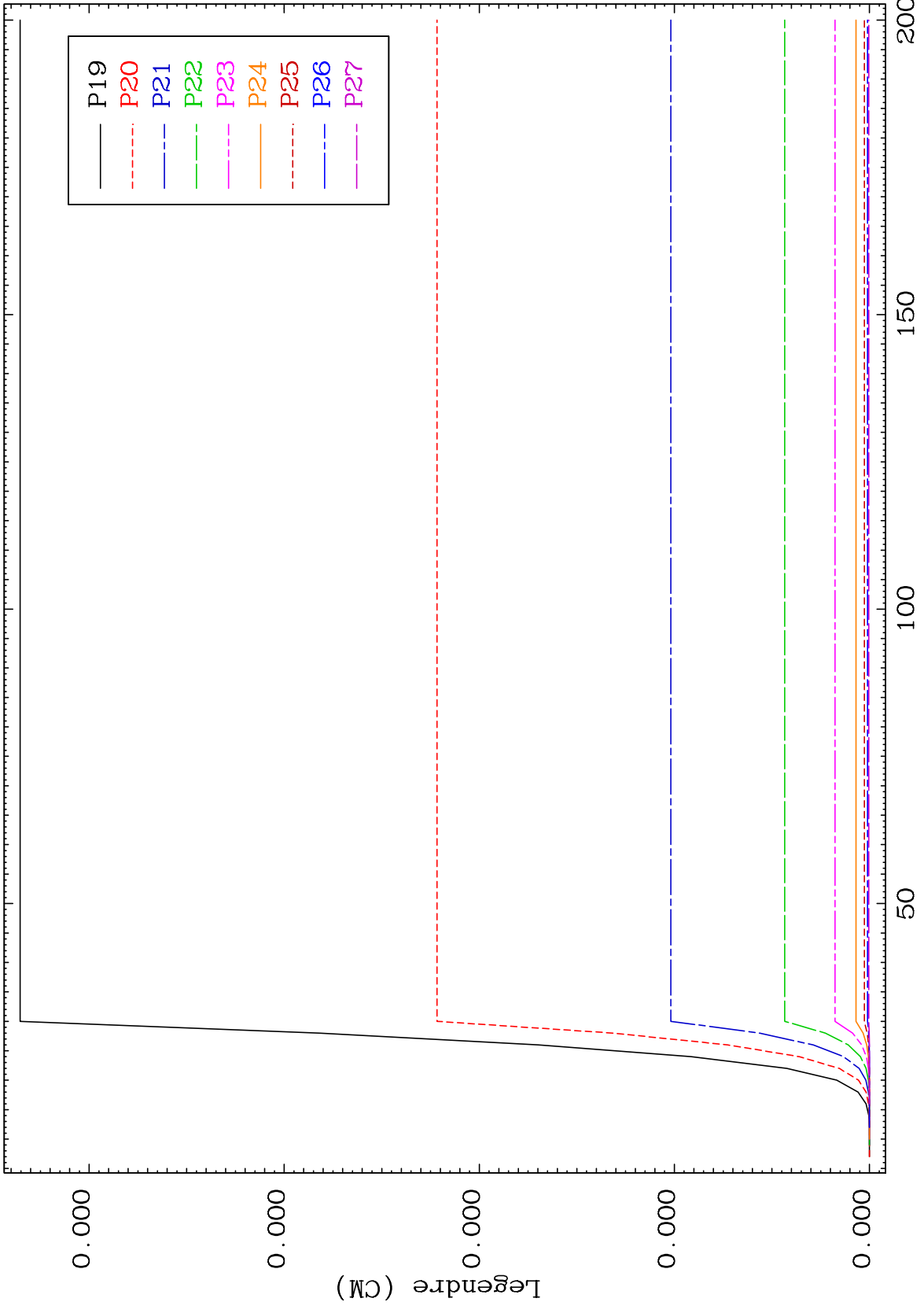
Incident Energy (MeV)

40-Zr-100

MAT 4055 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-100



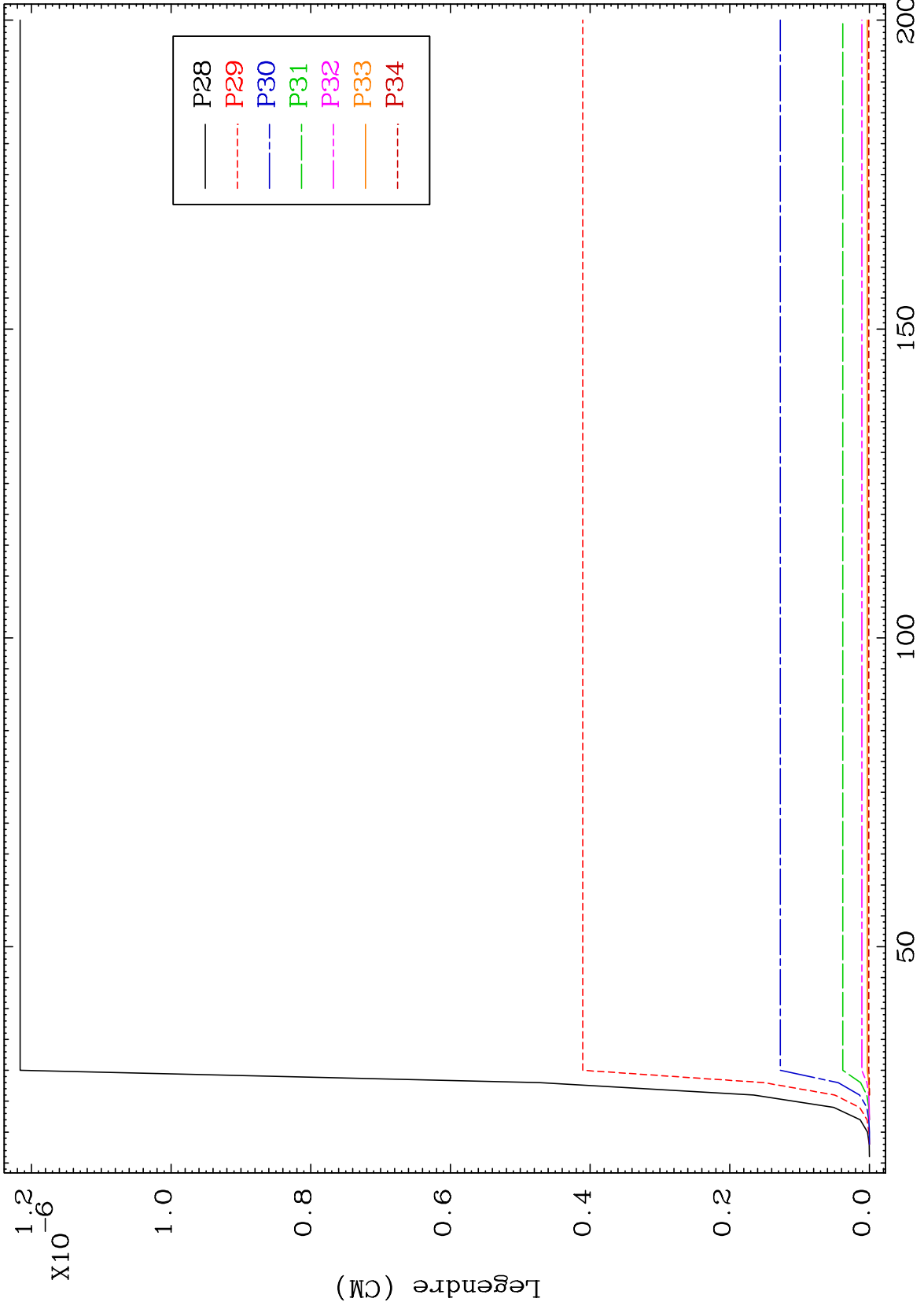
MAT 4055 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055

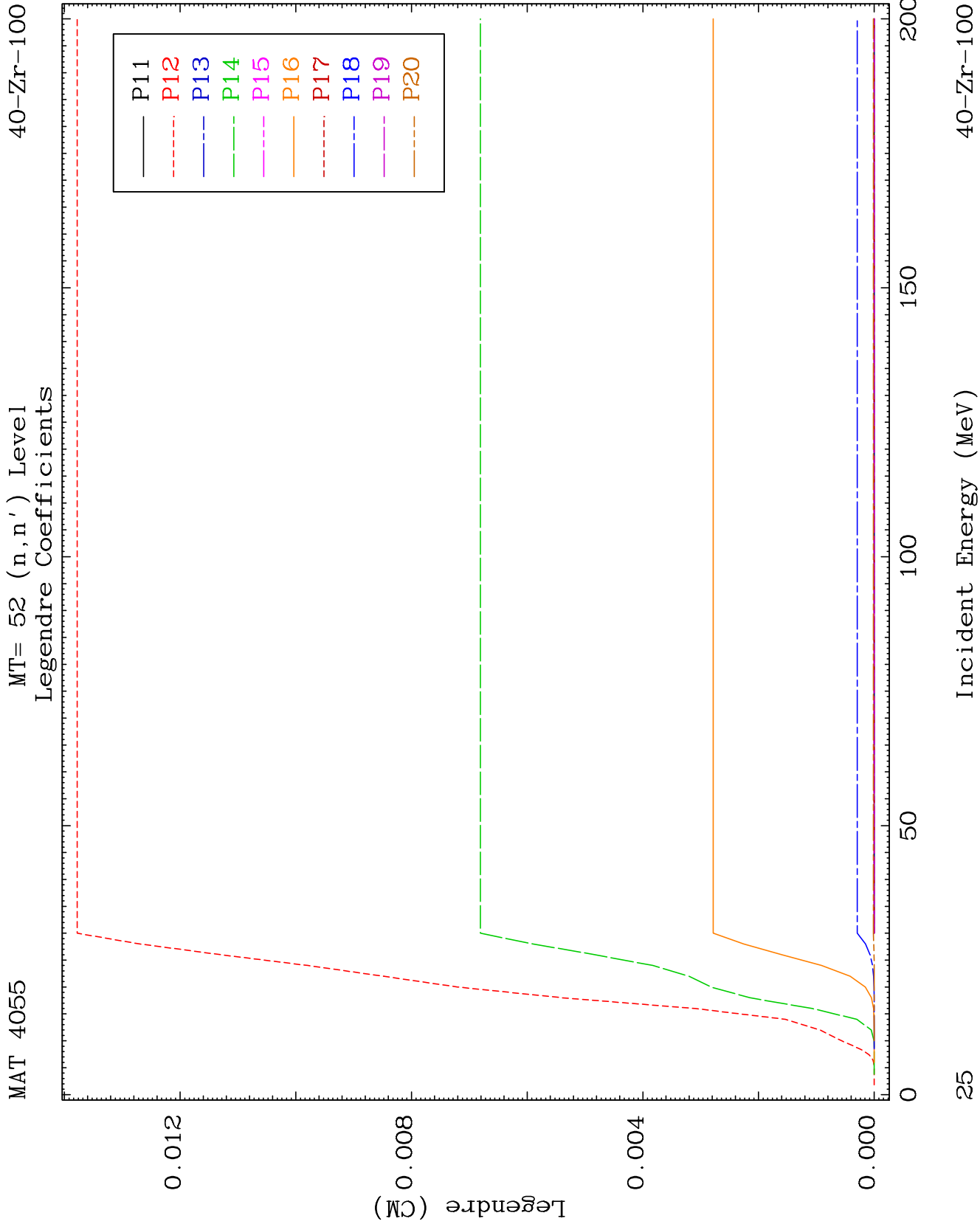
MT= 51 (n,n') Level
Legendre Coefficients

40-Zr-100

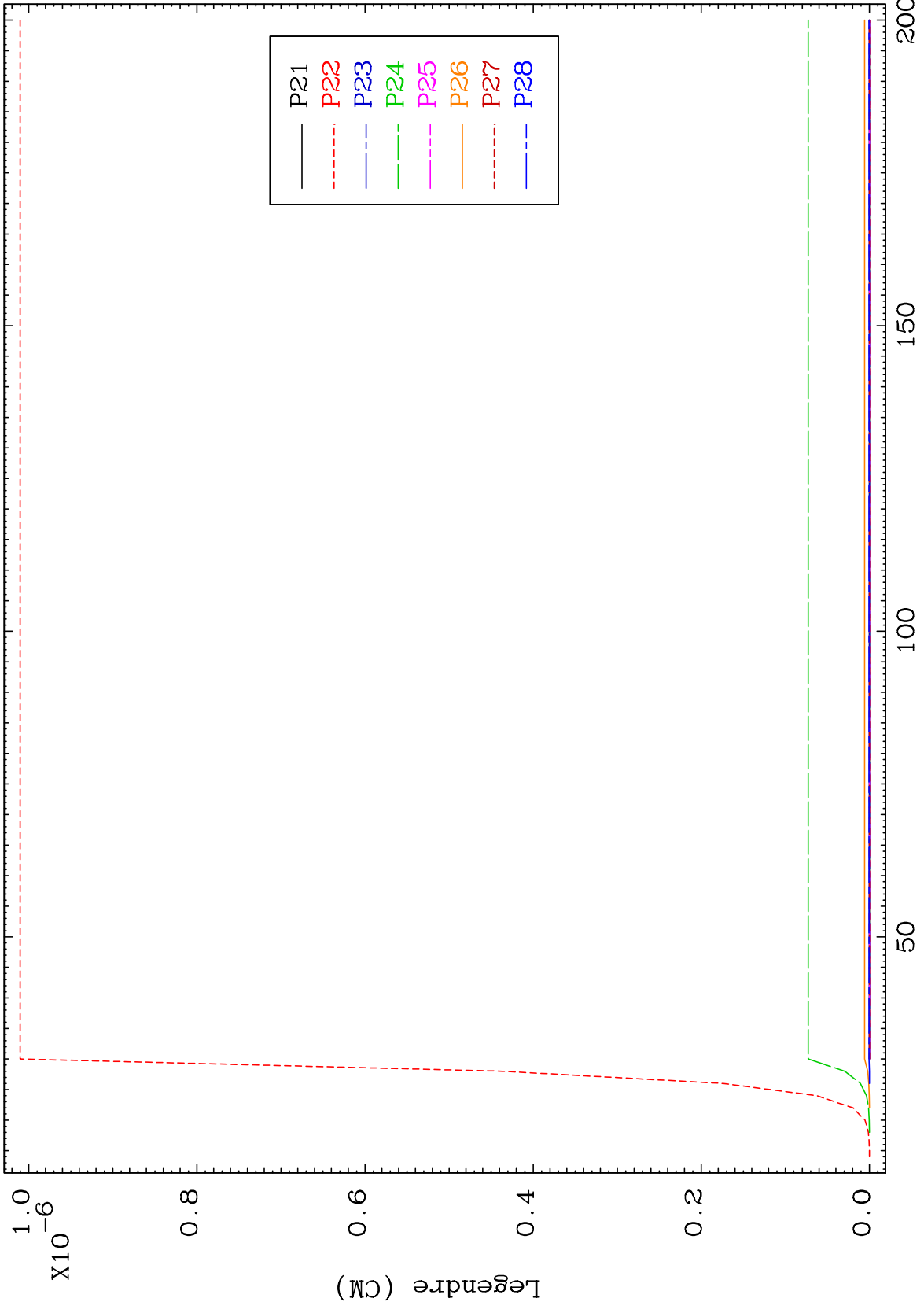


23

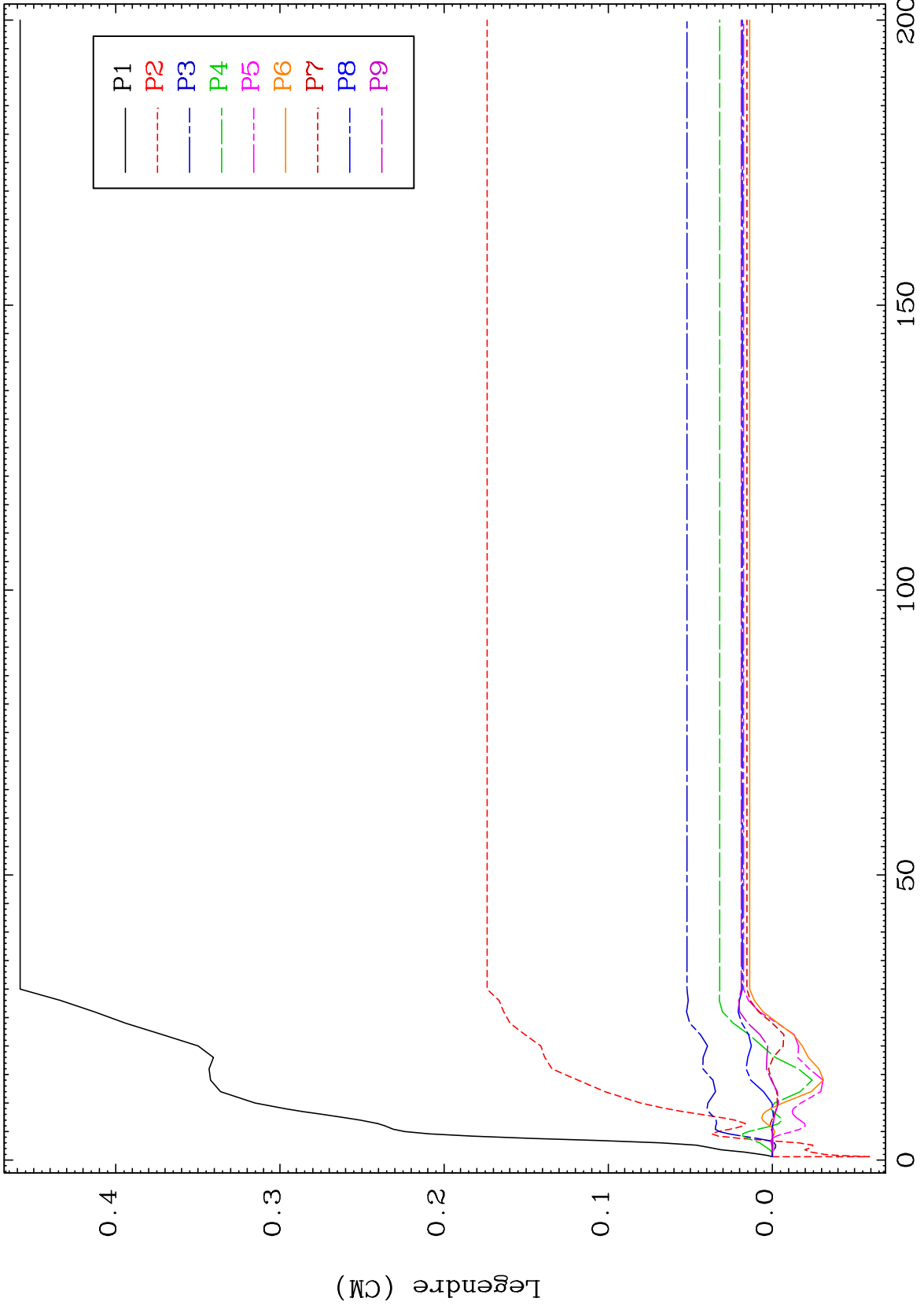
40-Zr-100



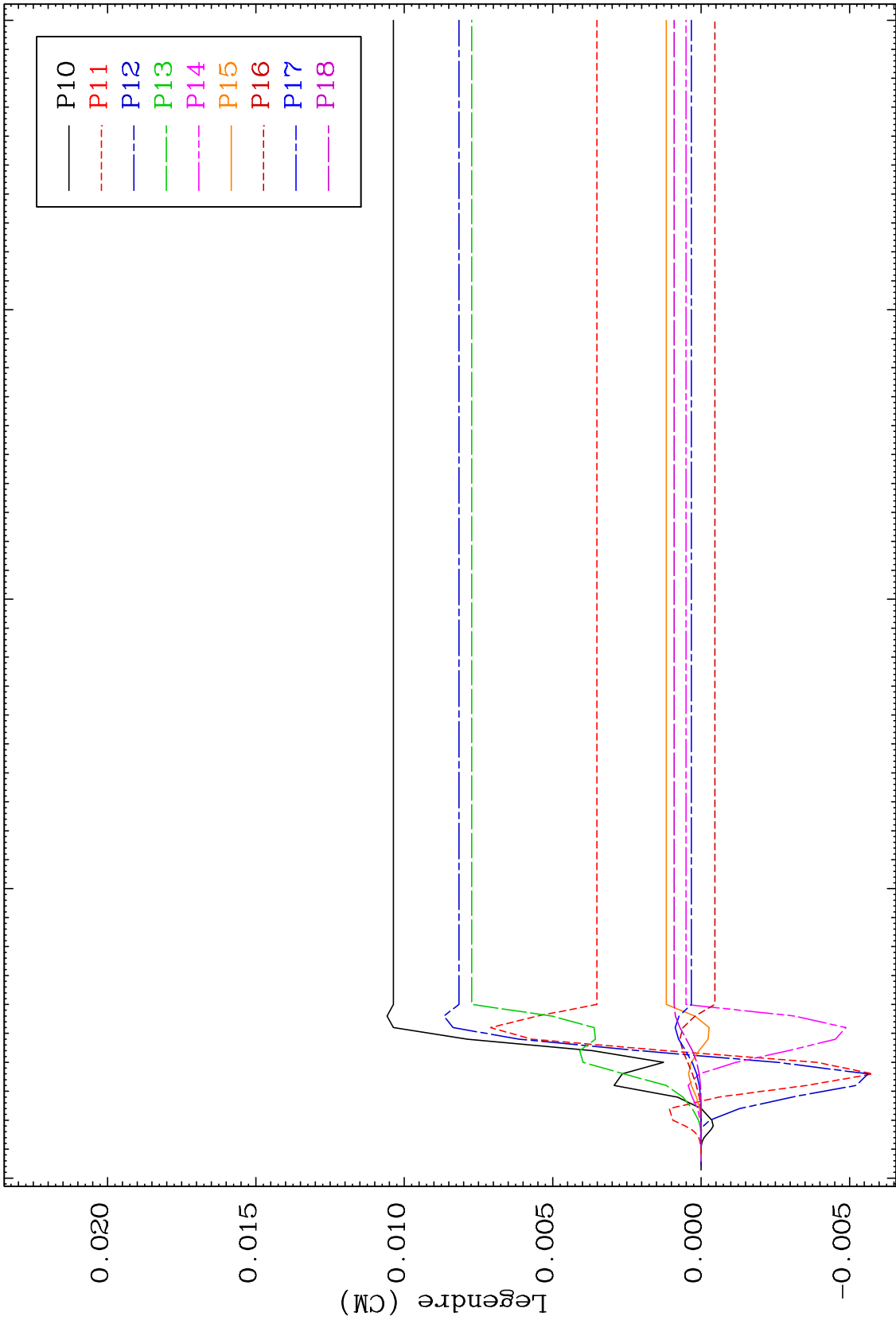
MAT 4055 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-100

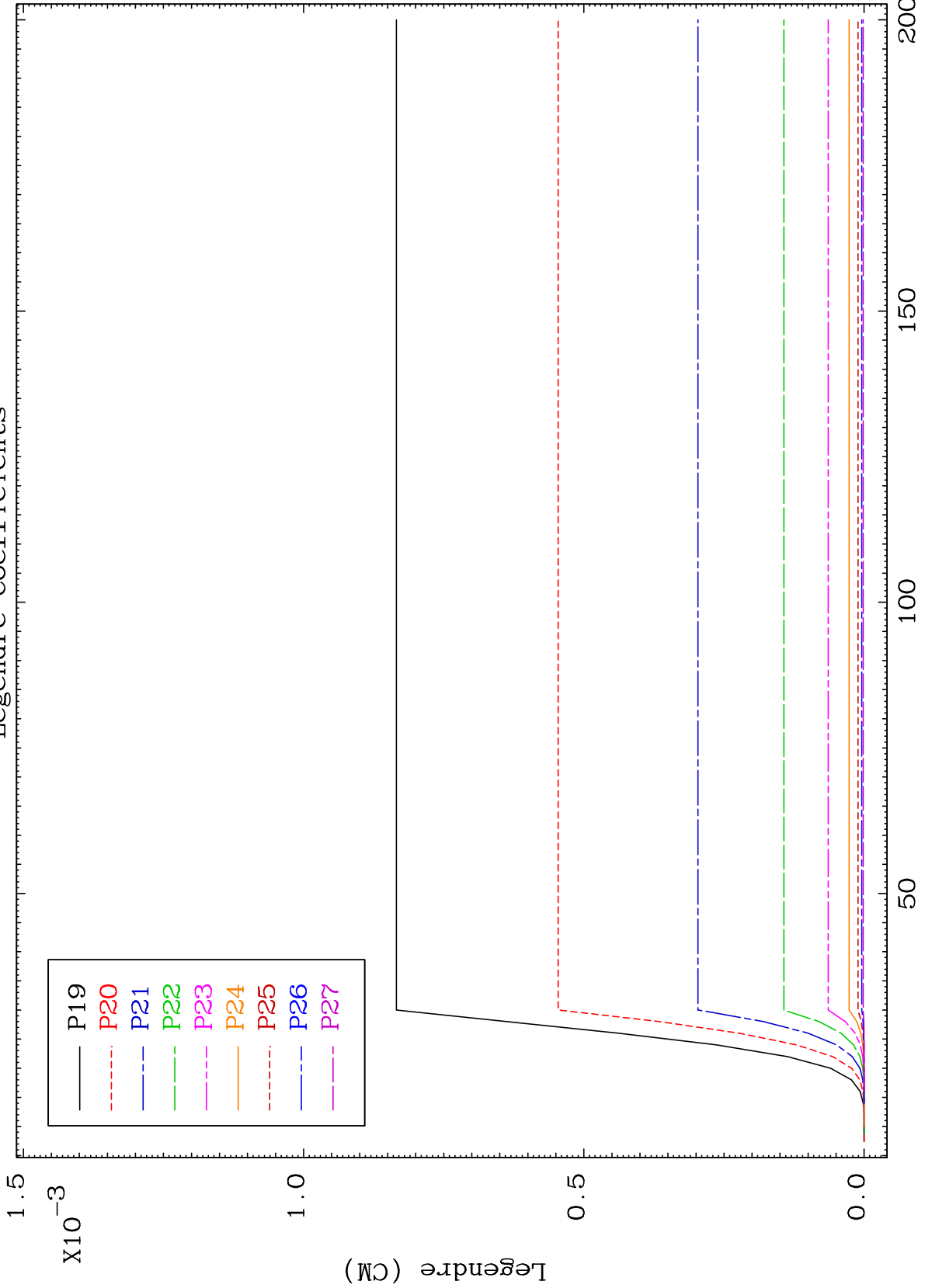


MAT 4055 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-100



28 40-Zr-100

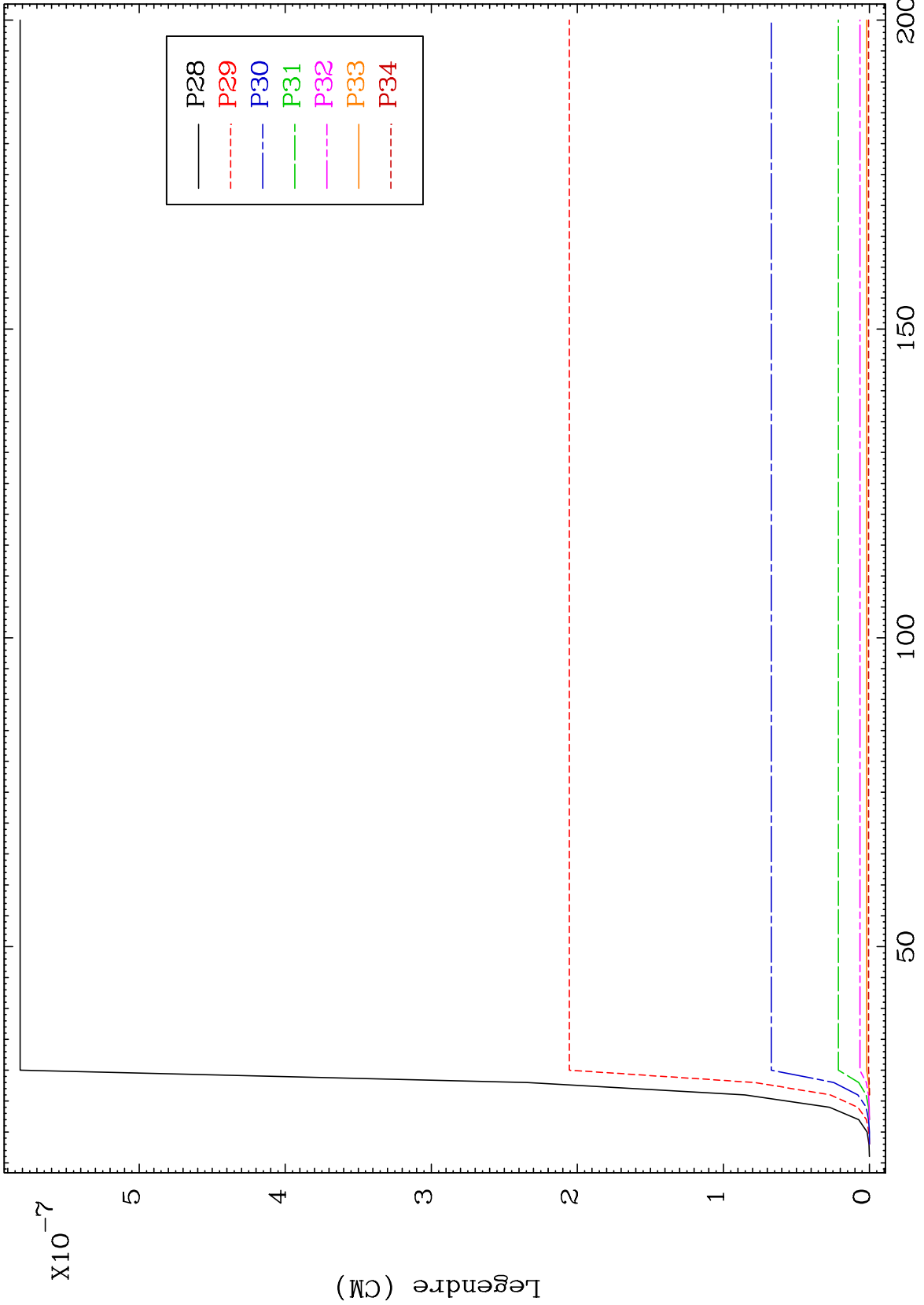
MAT 4055 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055

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

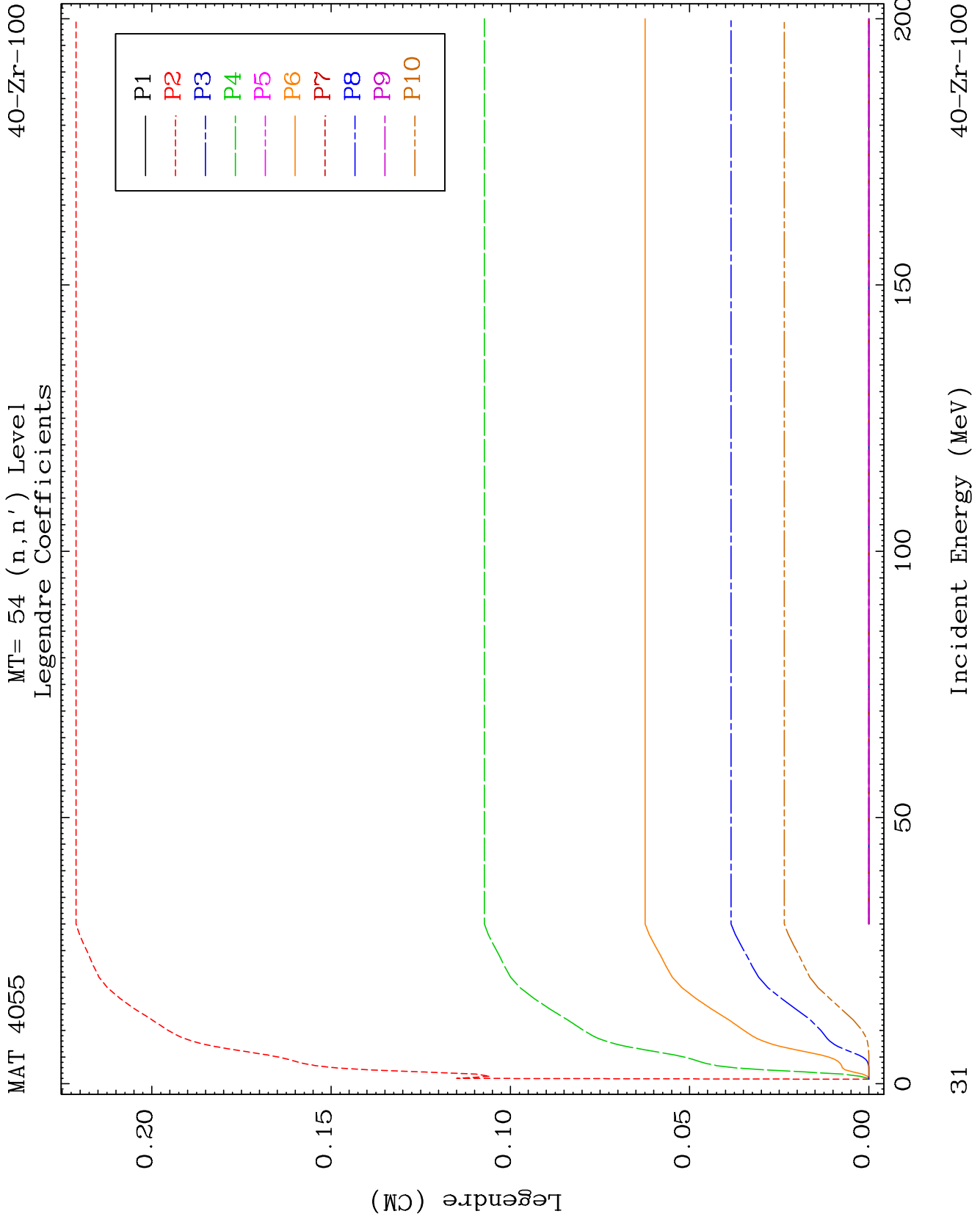
40-Zr-100

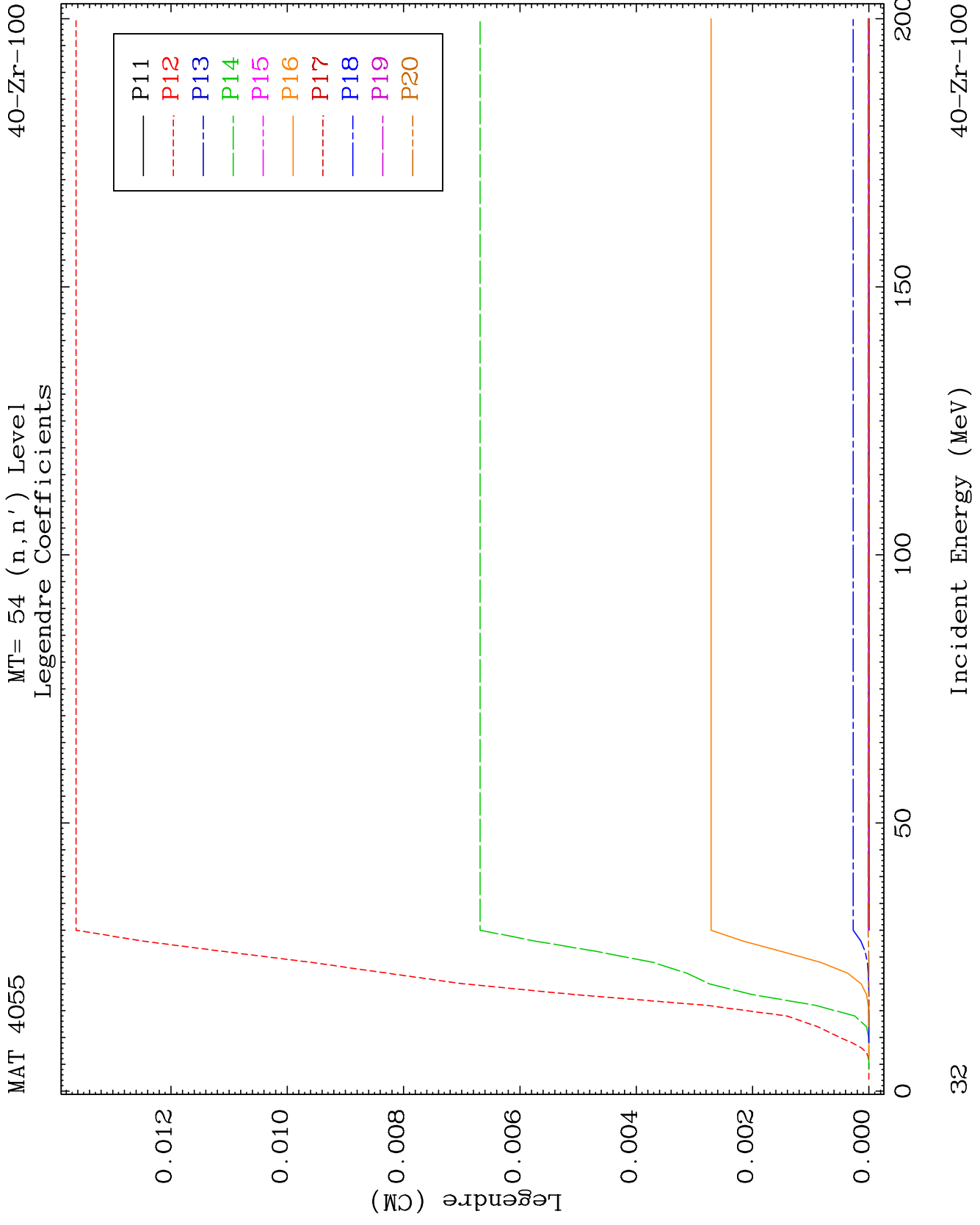


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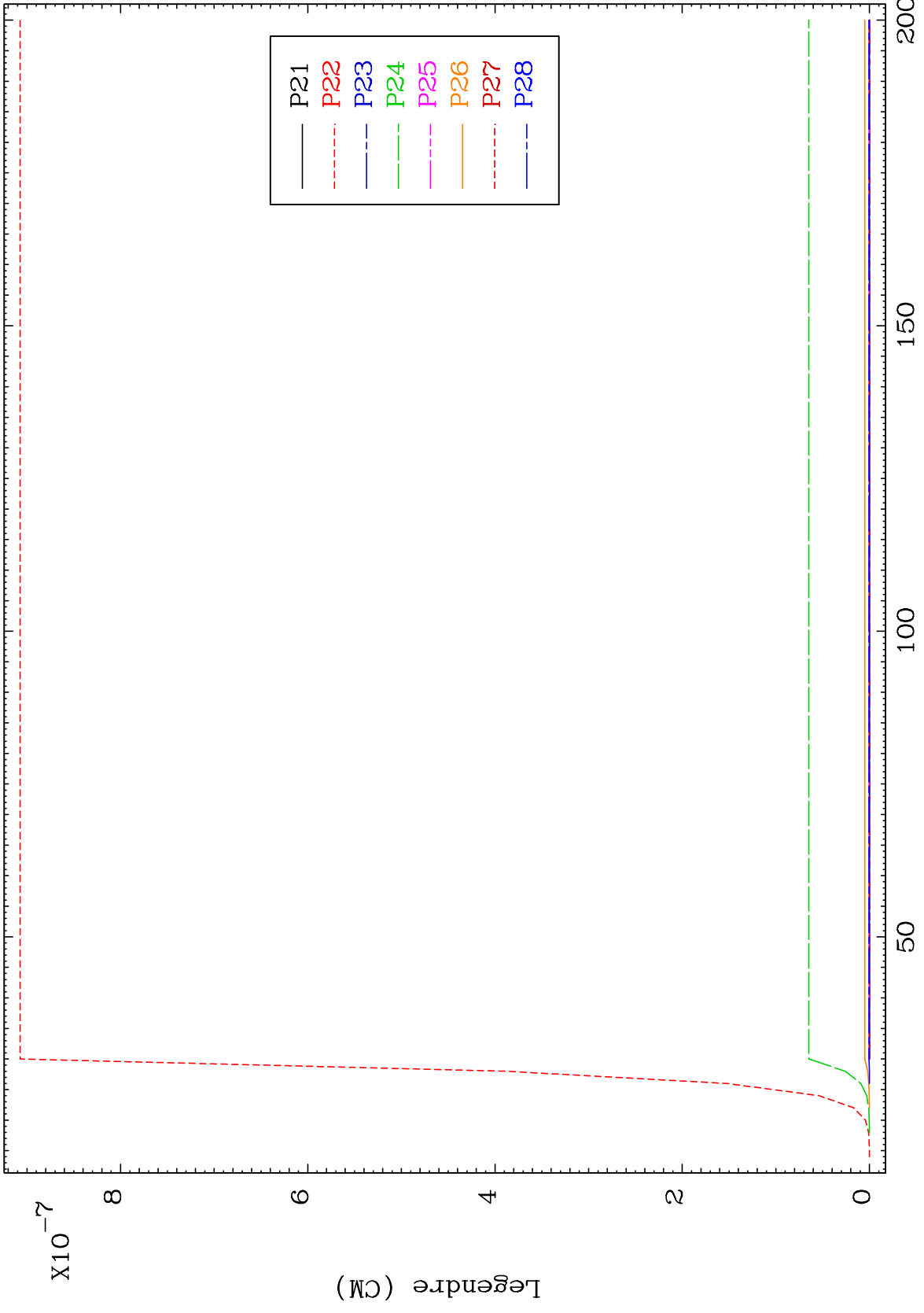
Incident Energy (MeV)

40-Zr-100

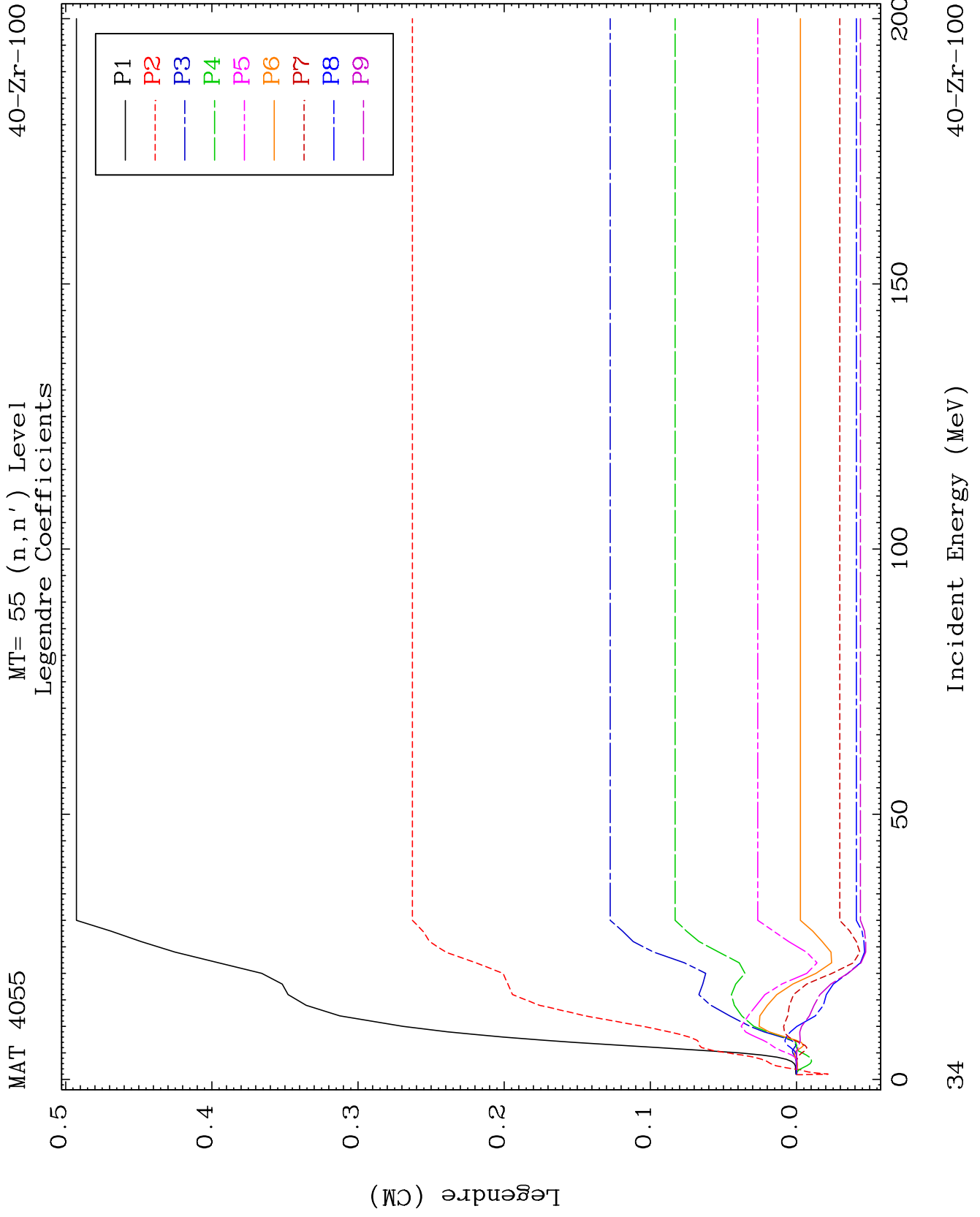


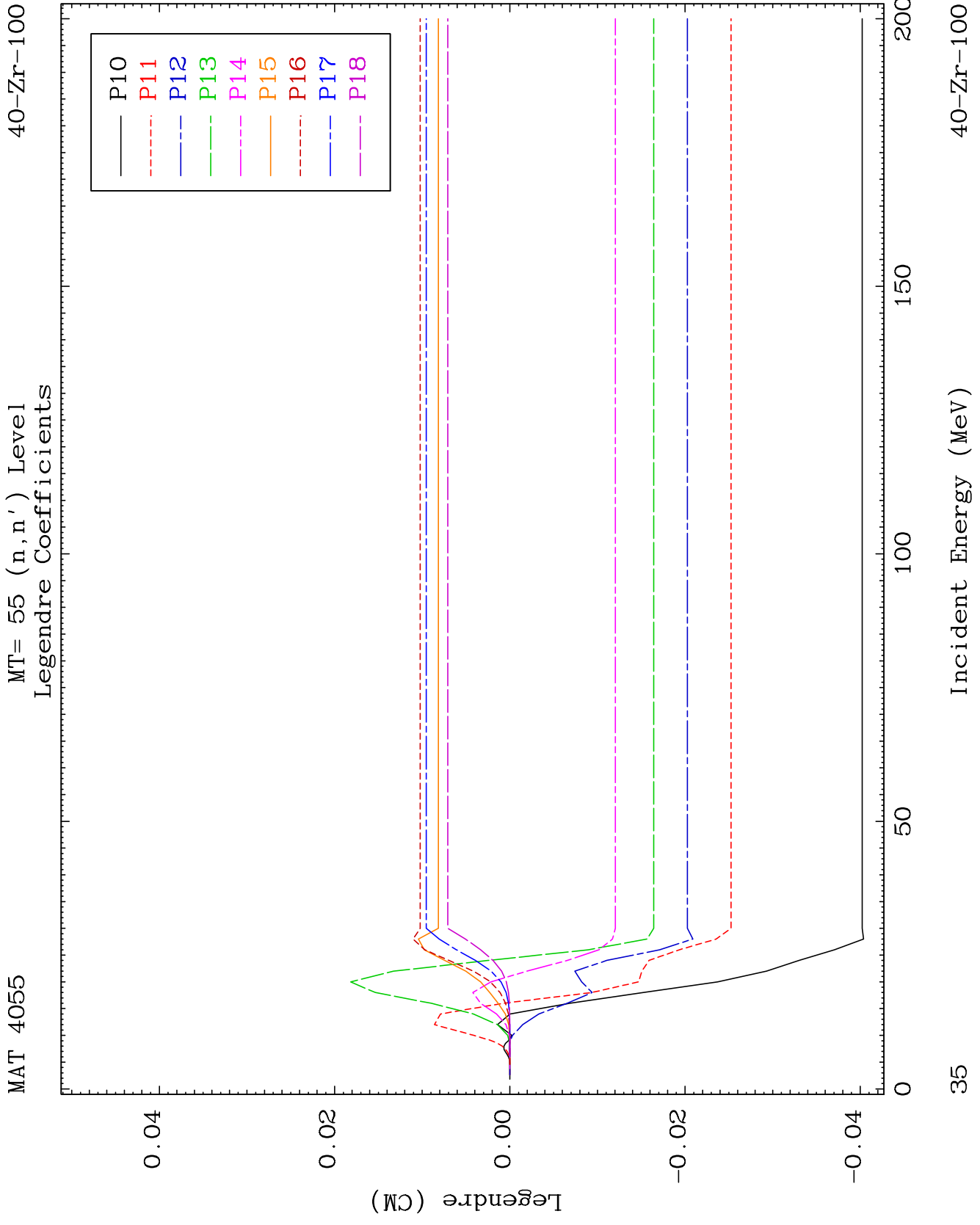


MAT 4055 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-100

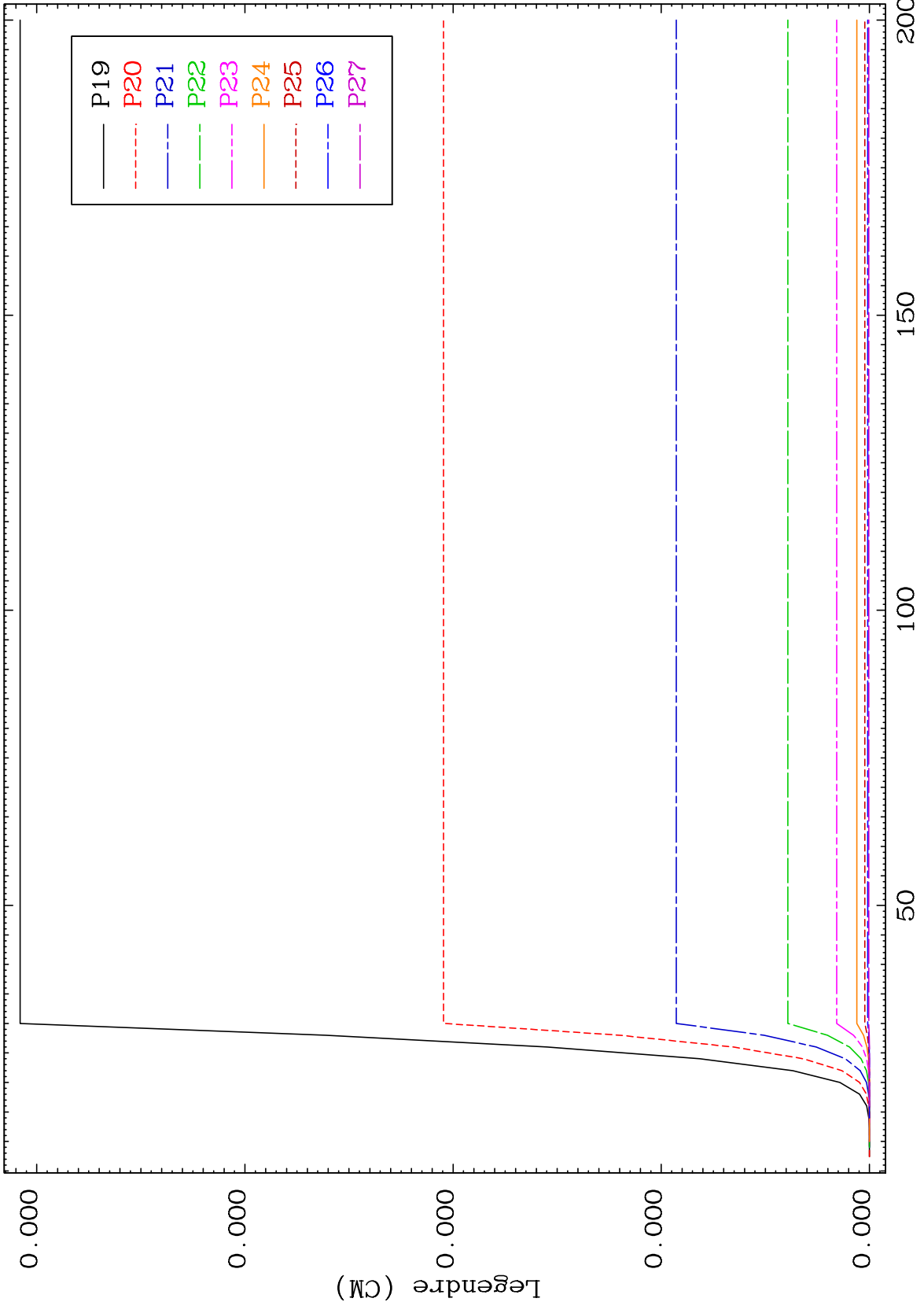


33 Incident Energy (MeV) 40-Zr-100

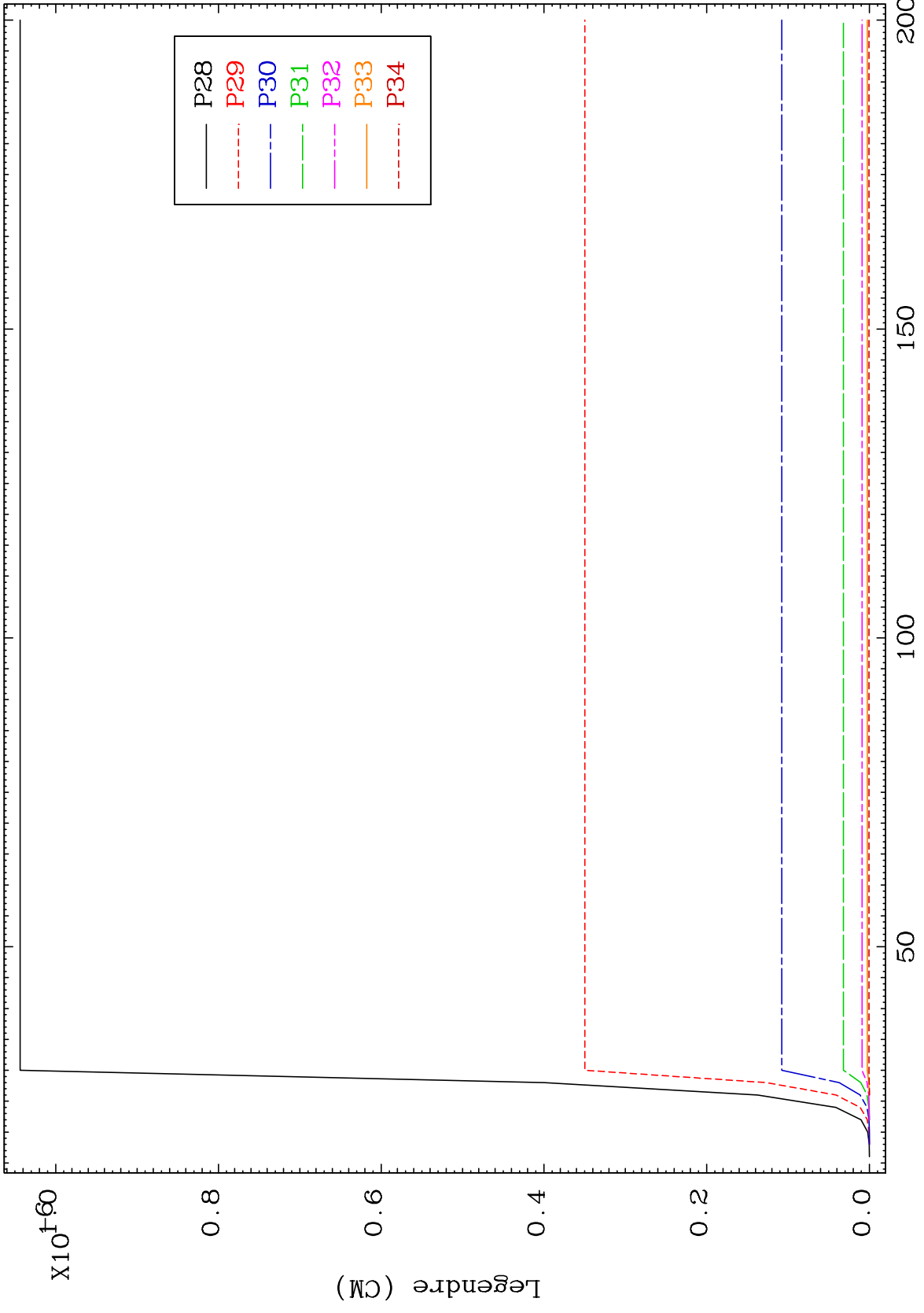


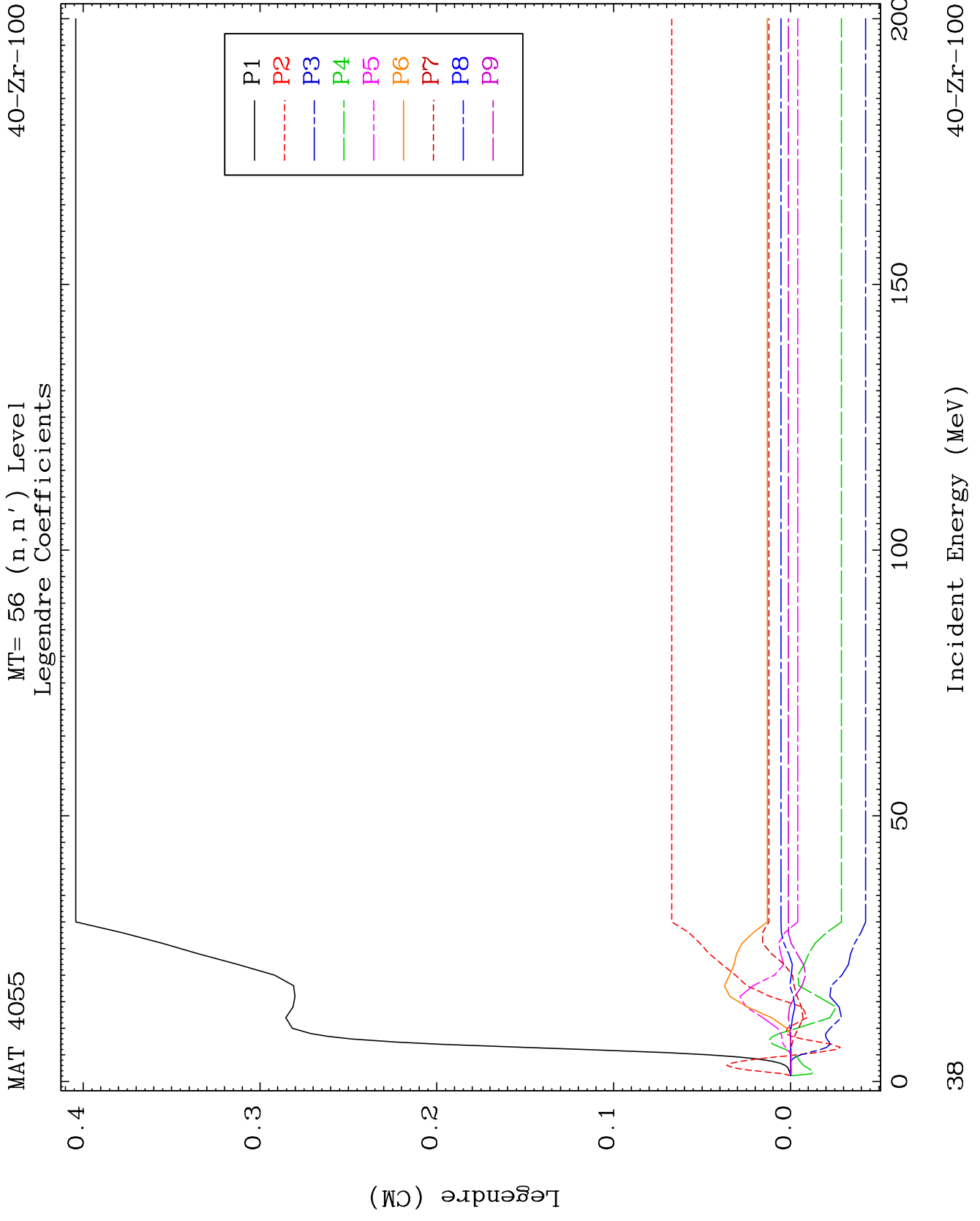


MAT 4055 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-100

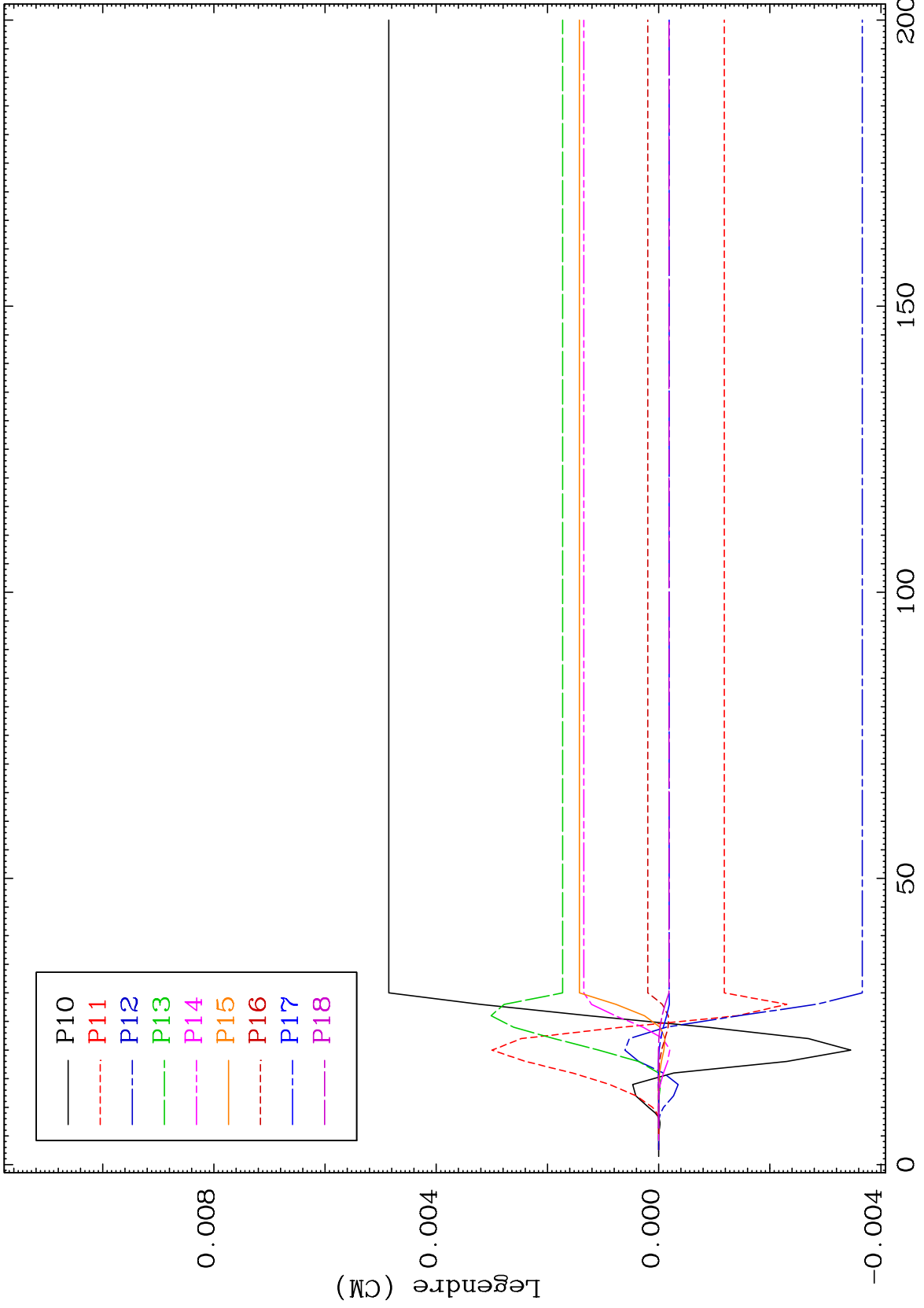




MAT 4055

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

40-Zr-100

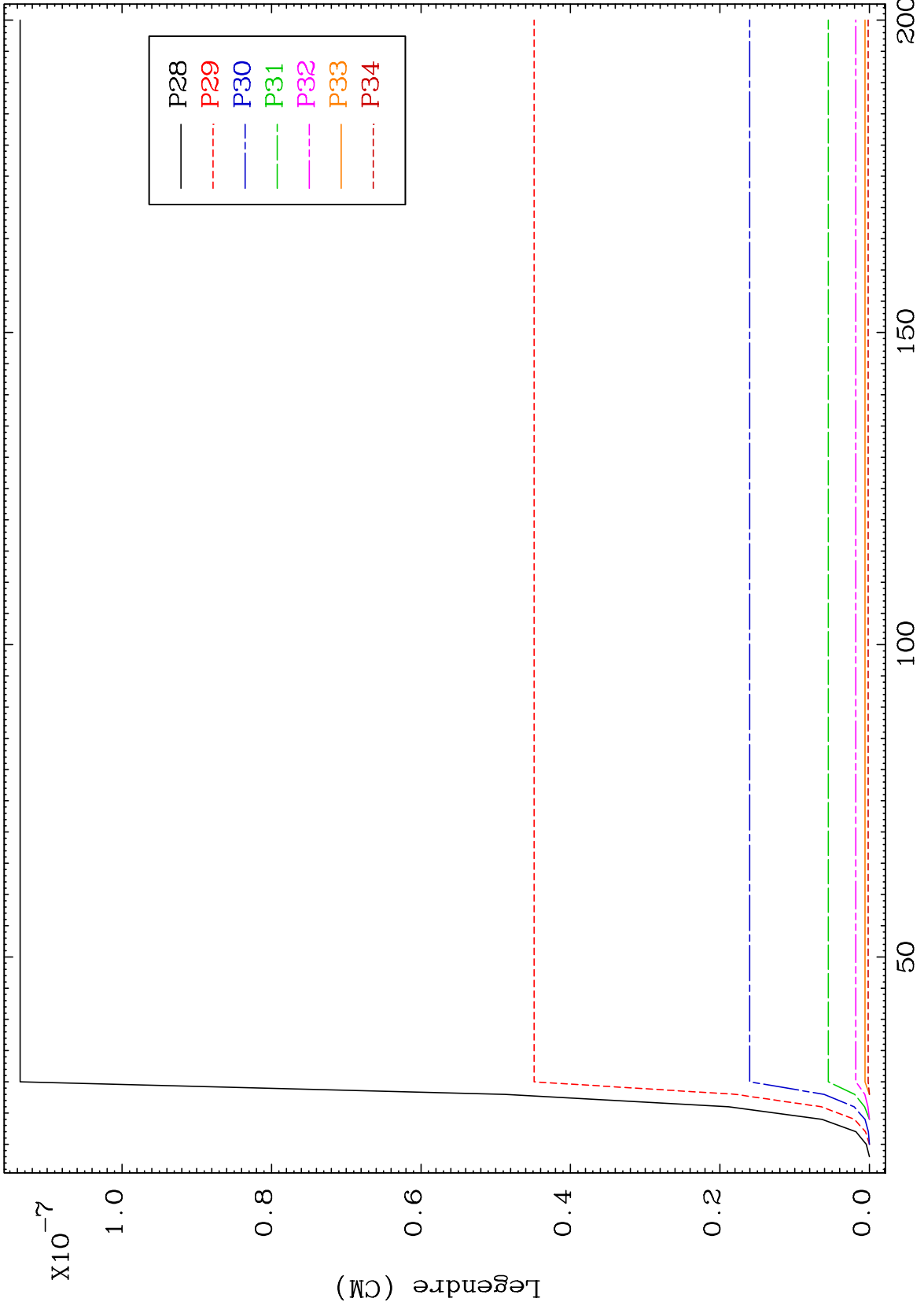


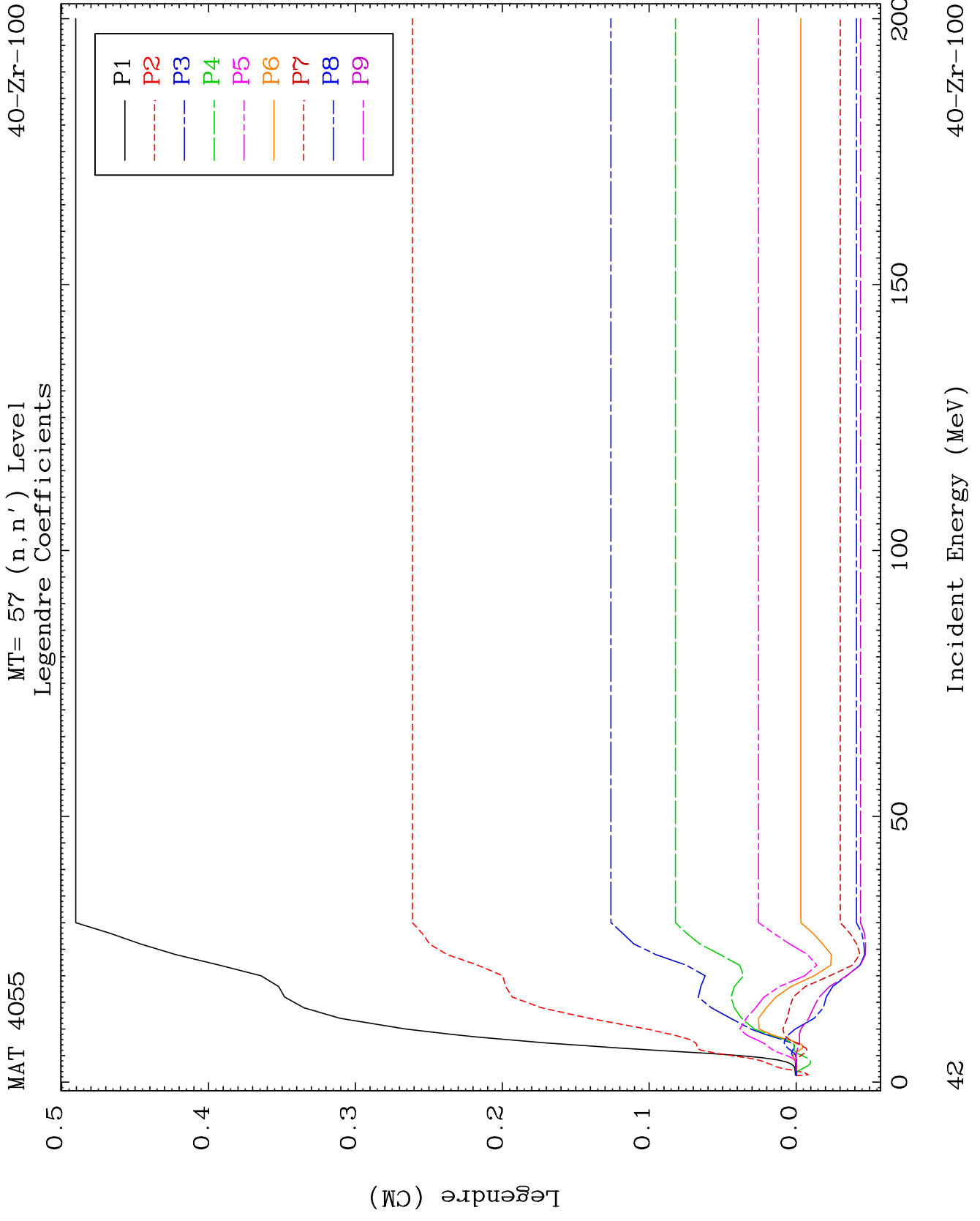
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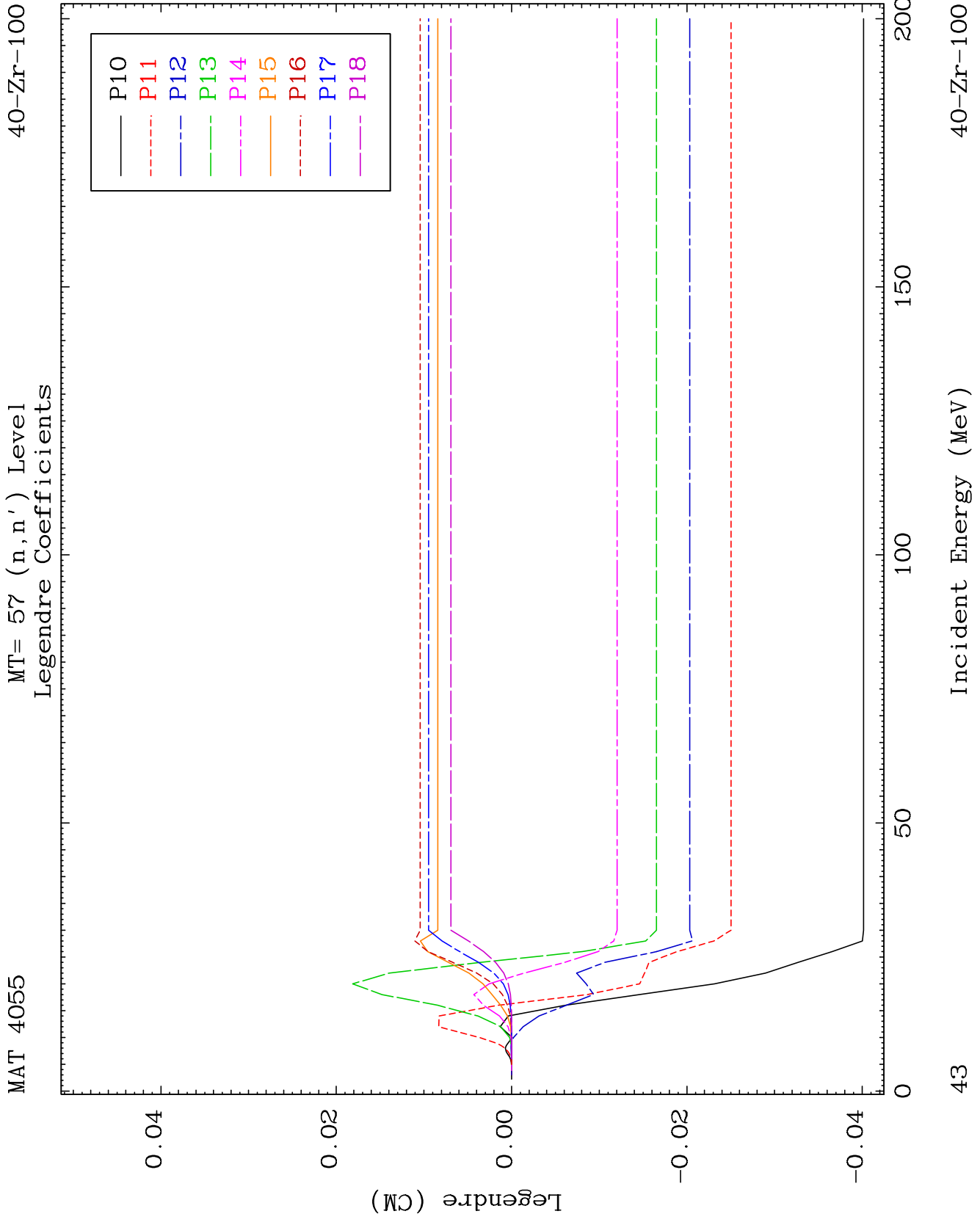
Incident Energy (MeV)

40-Zr-100

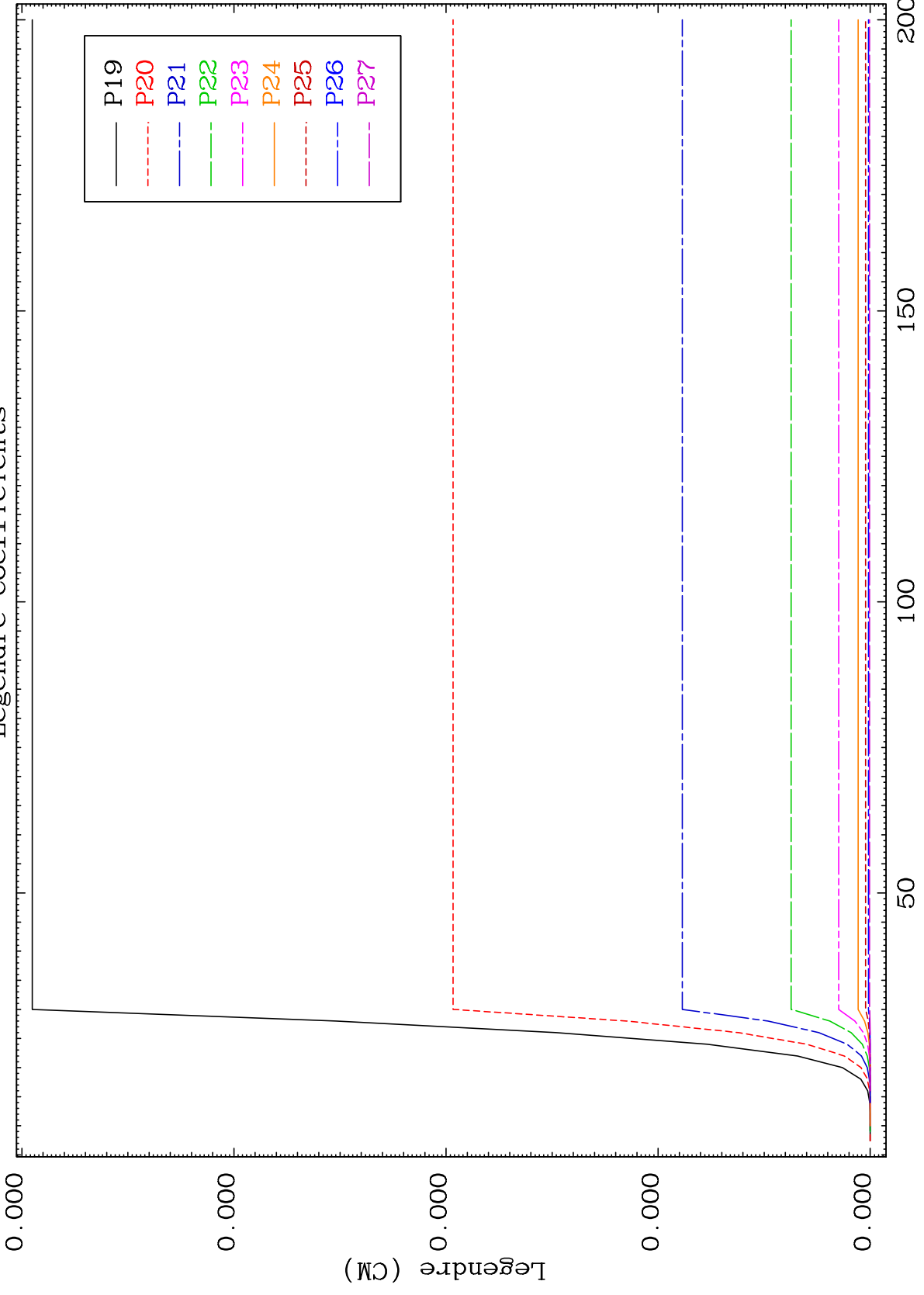
MAT 4055 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-100







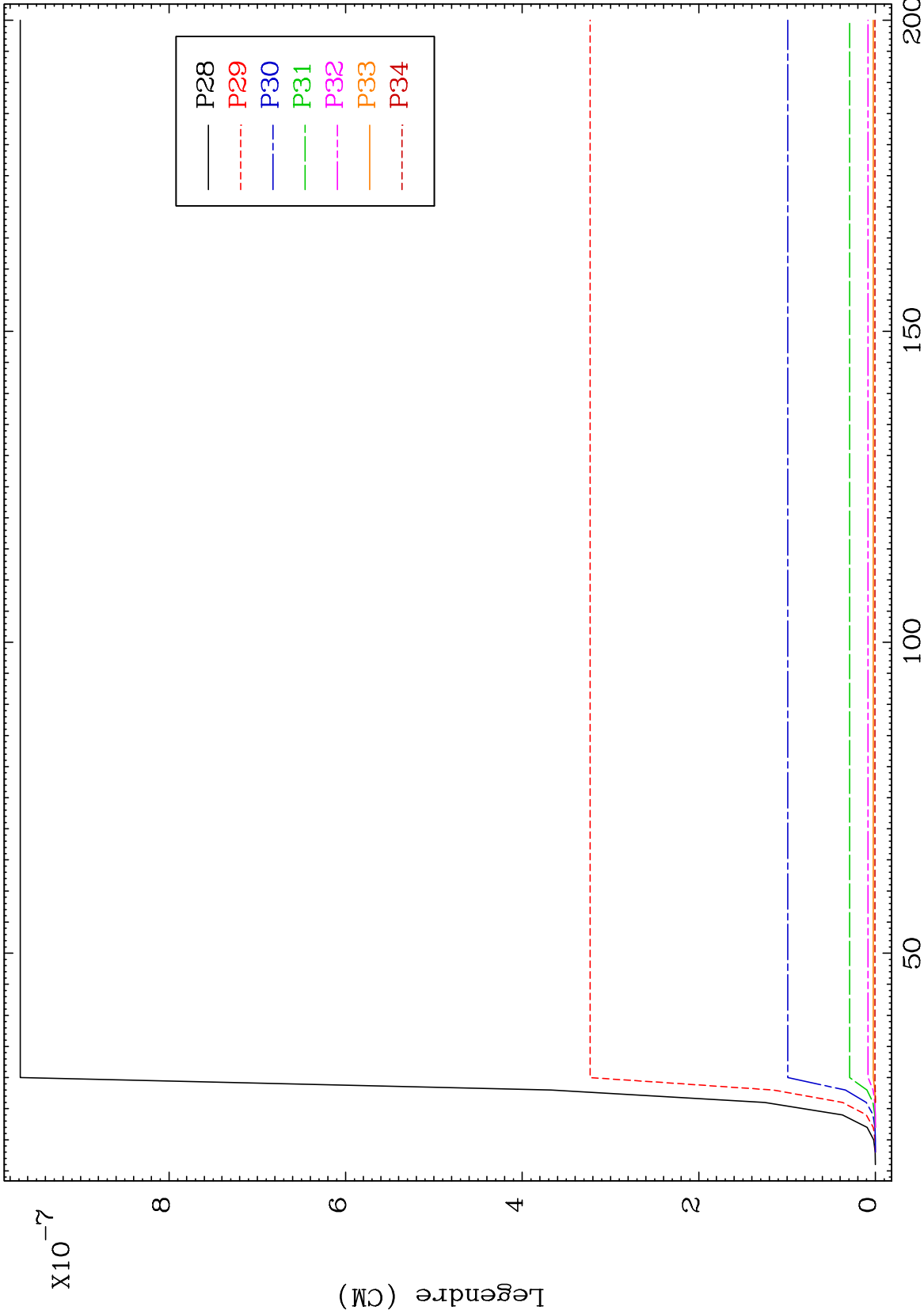
MAT 4055 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055

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

40-Zr-100



45

Incident Energy (MeV)

40-Zr-100

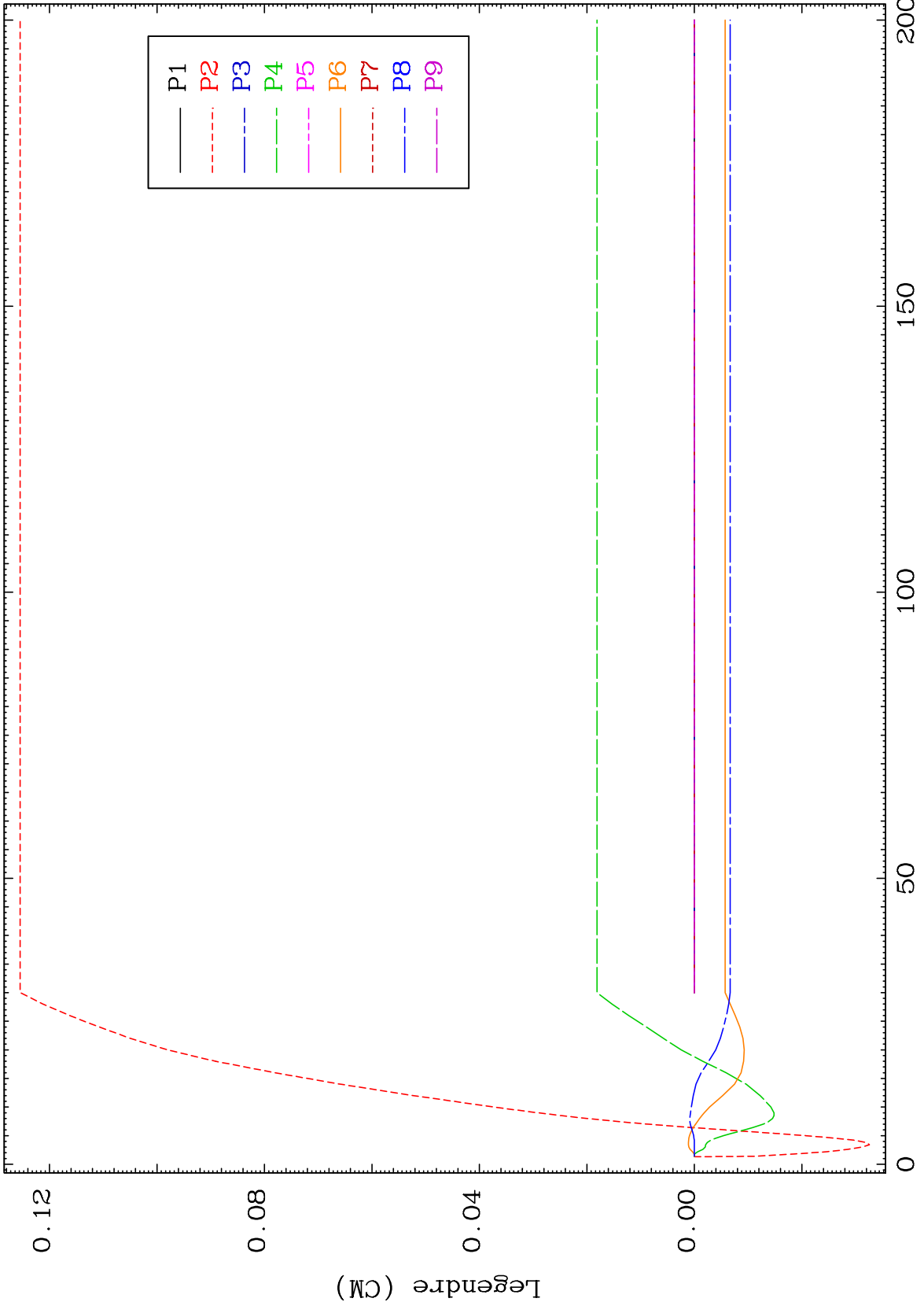
200

150

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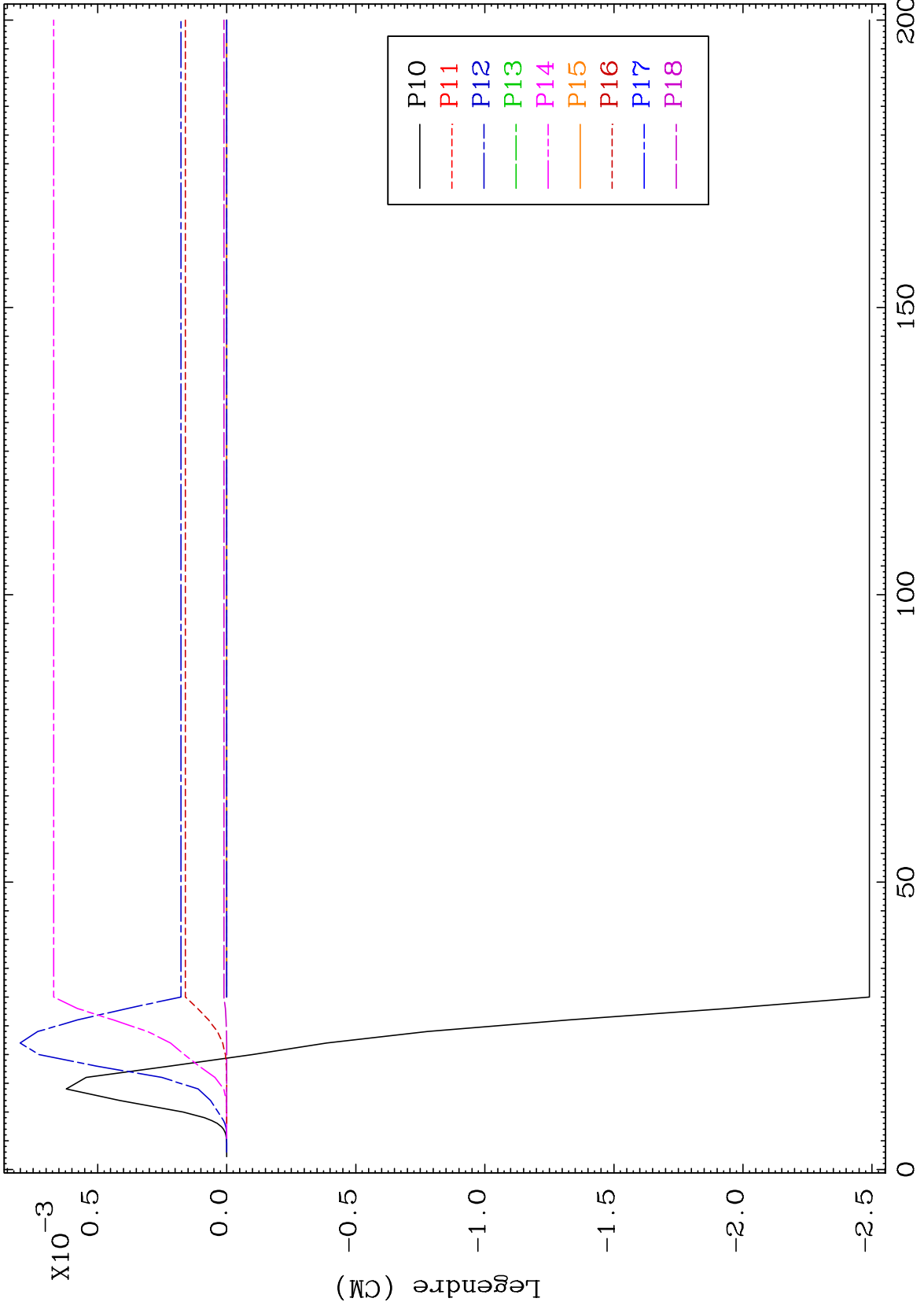
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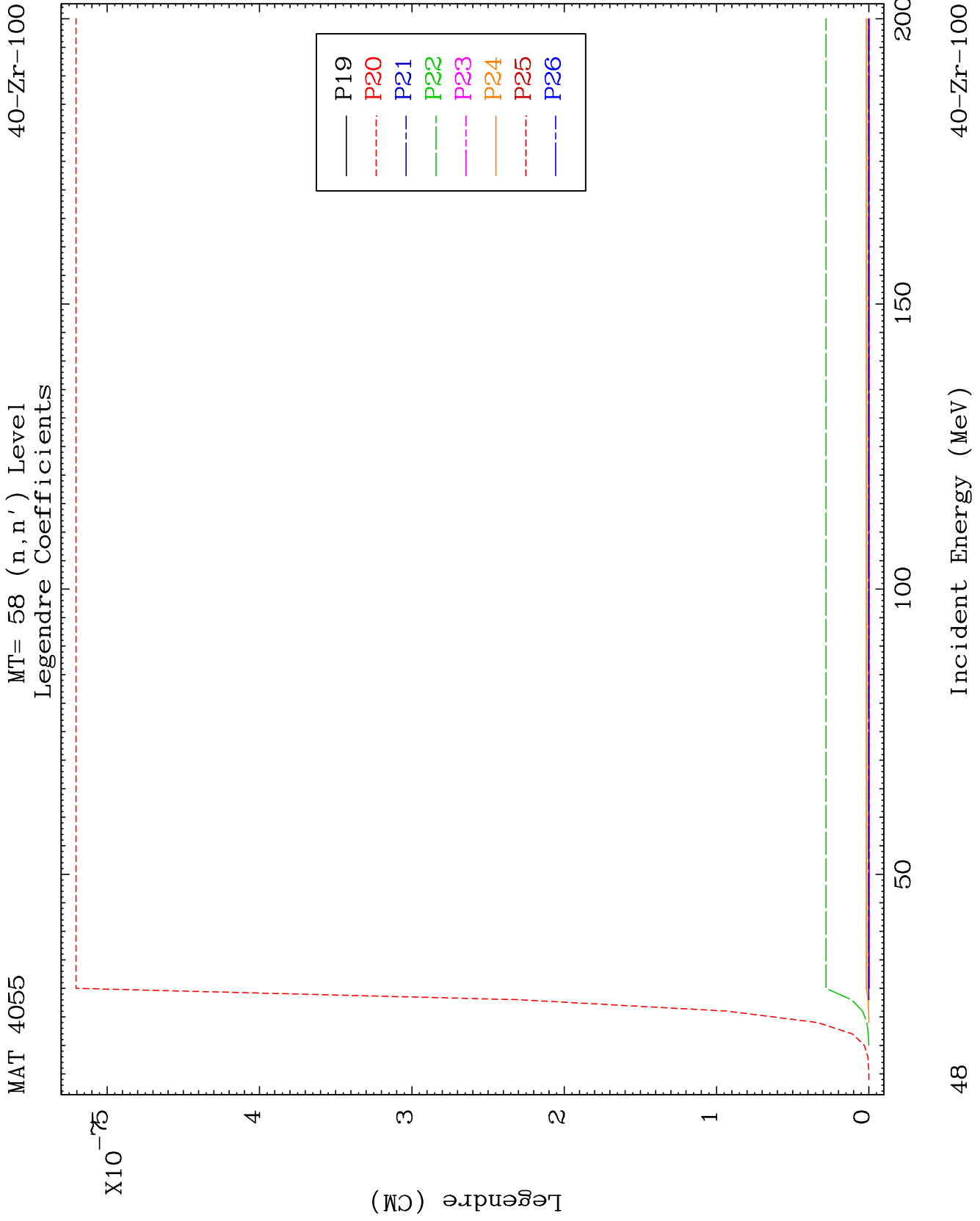
MAT 4055 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-100



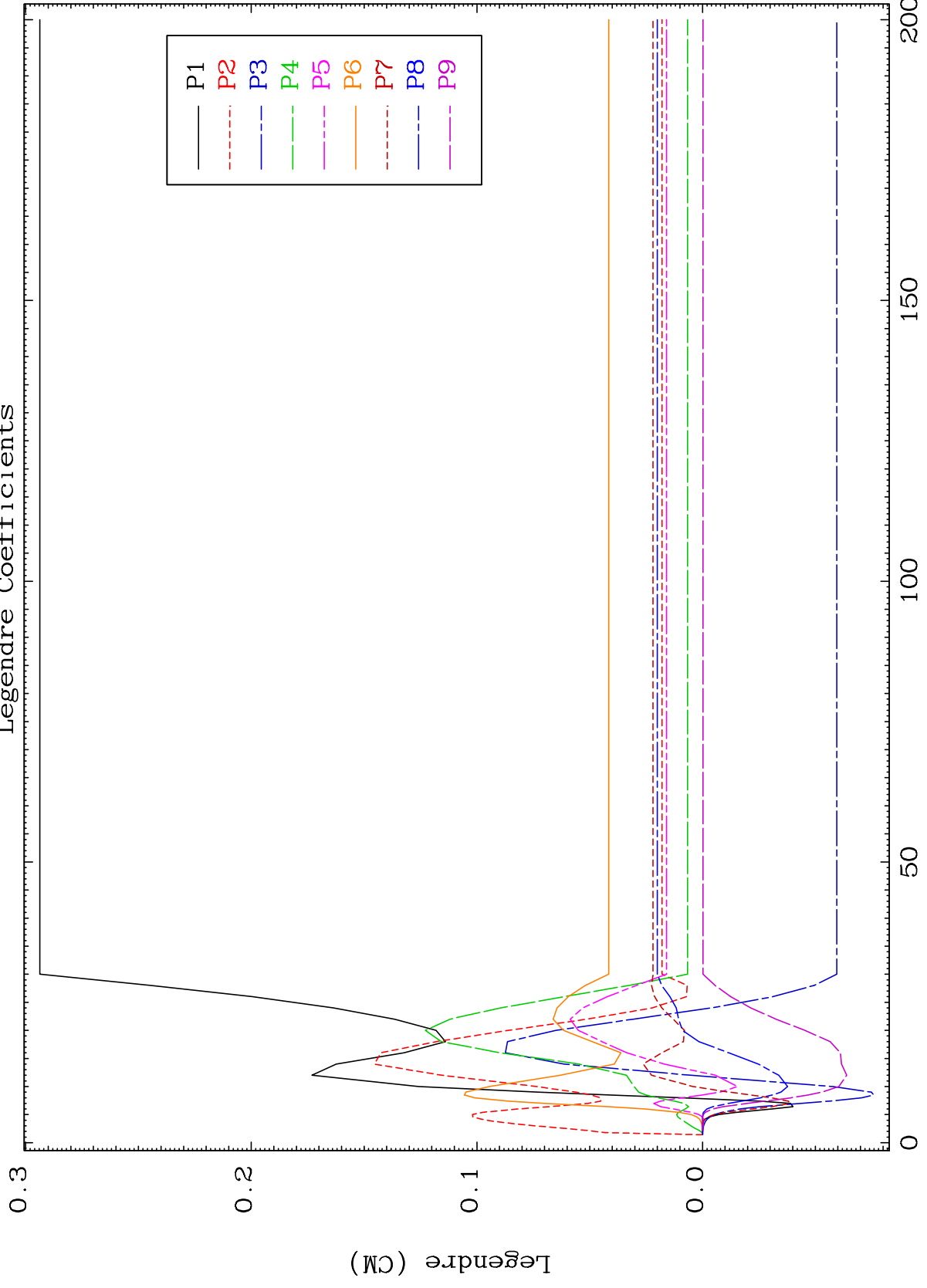
46 Incident Energy (MeV) 40-Zr-100

MAT 4055 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-100





MAT 4055 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-100

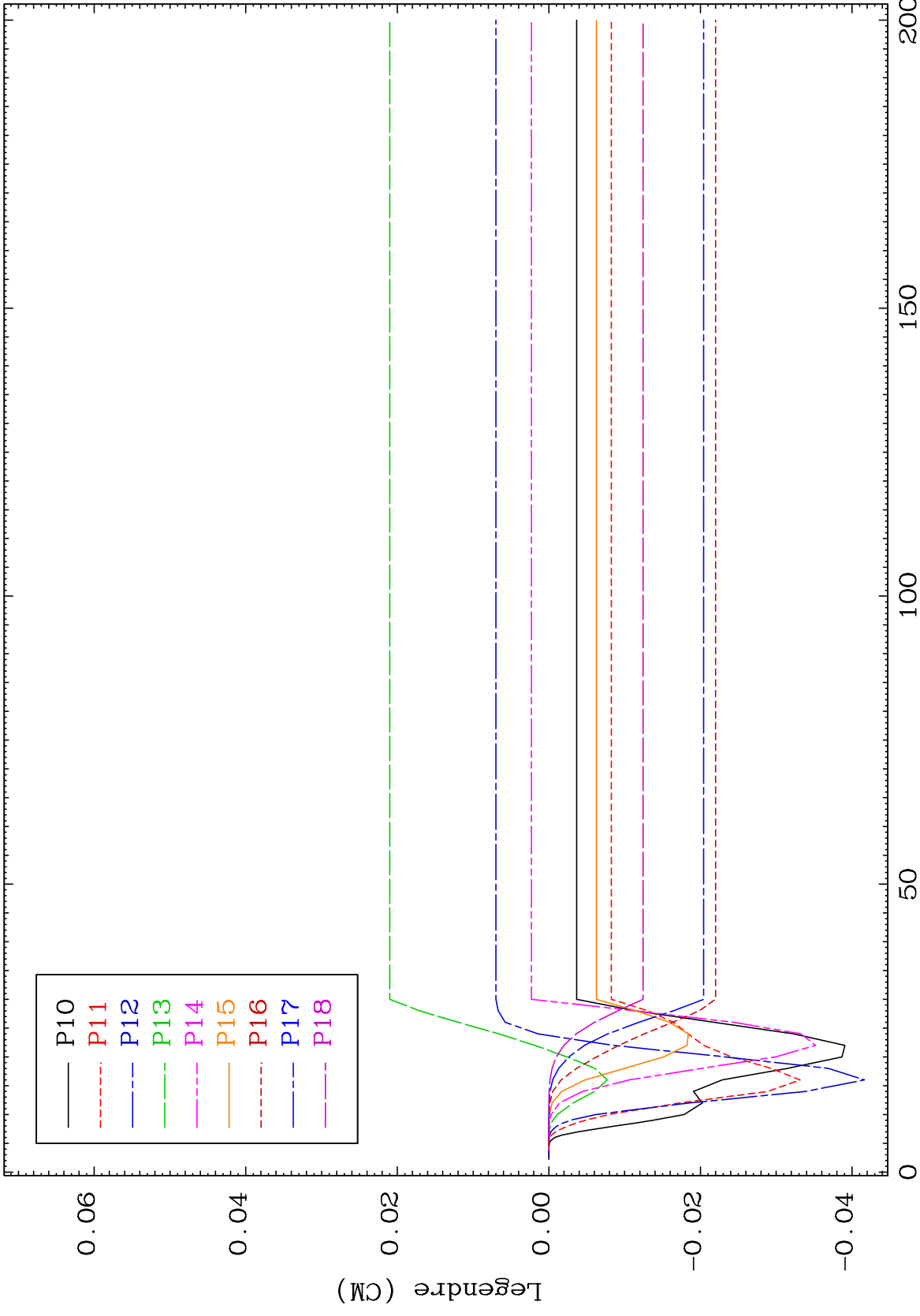


49 Incident Energy (MeV) 40-Zr-100

MAT 4055

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

40-Zr-100



50

50

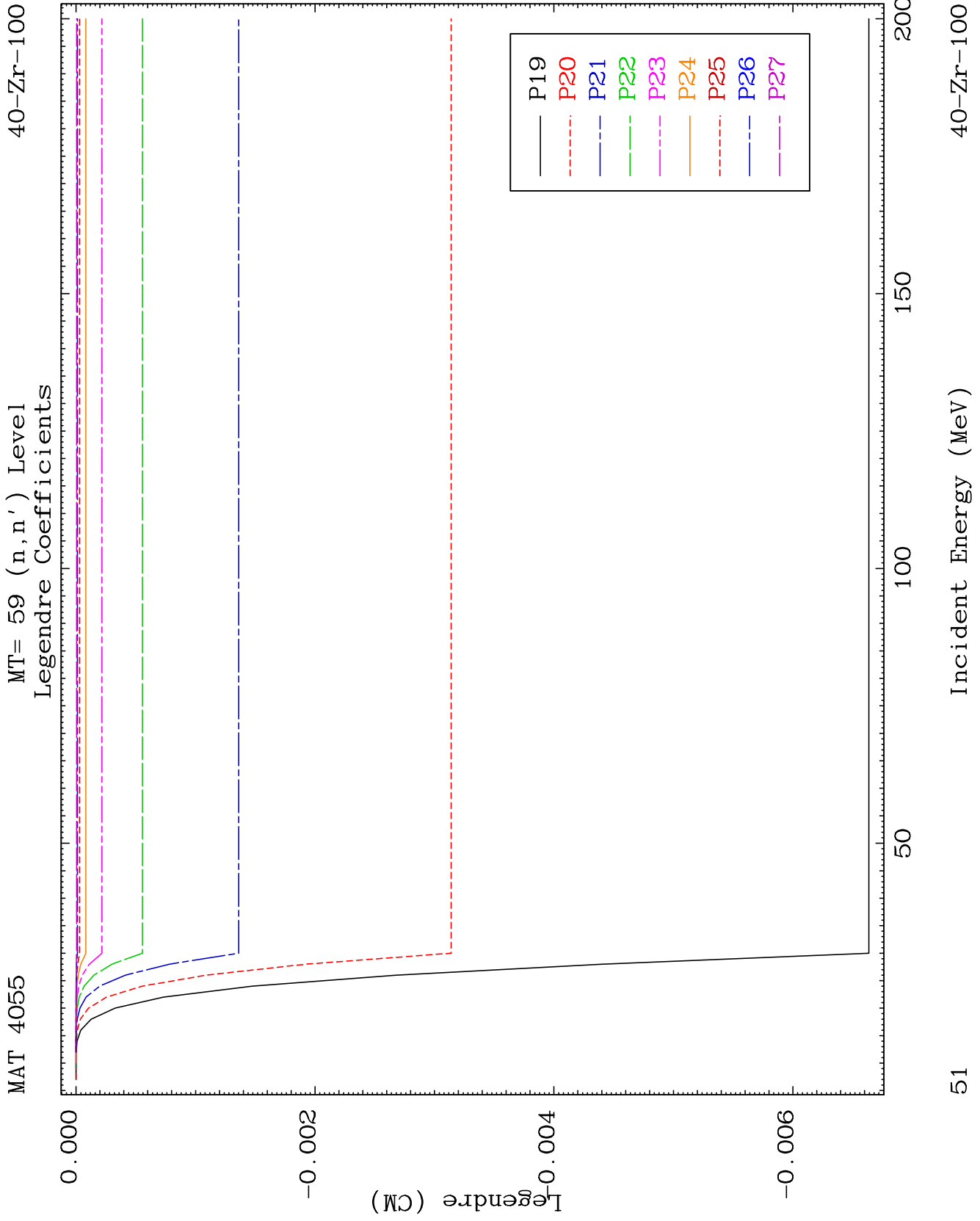
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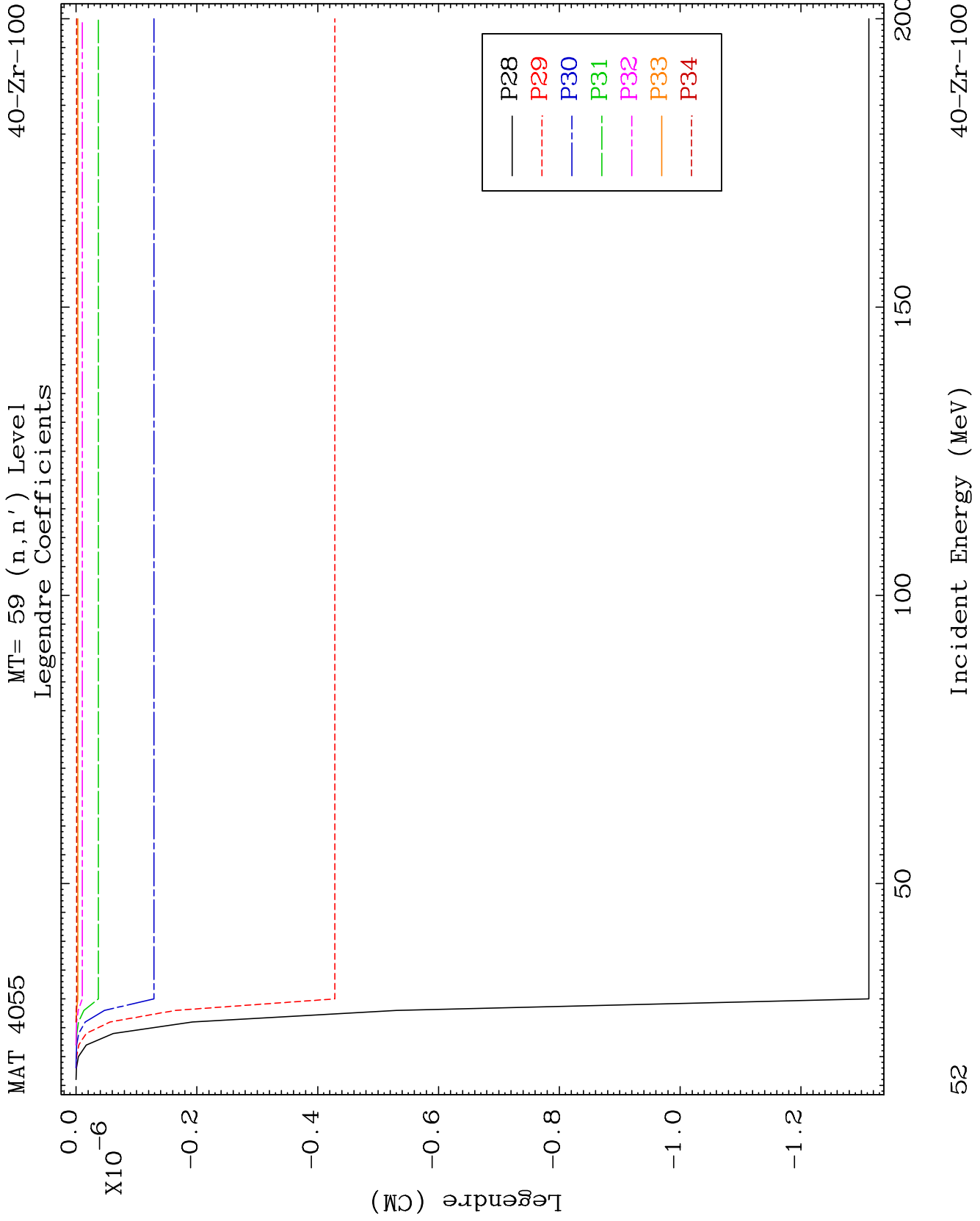
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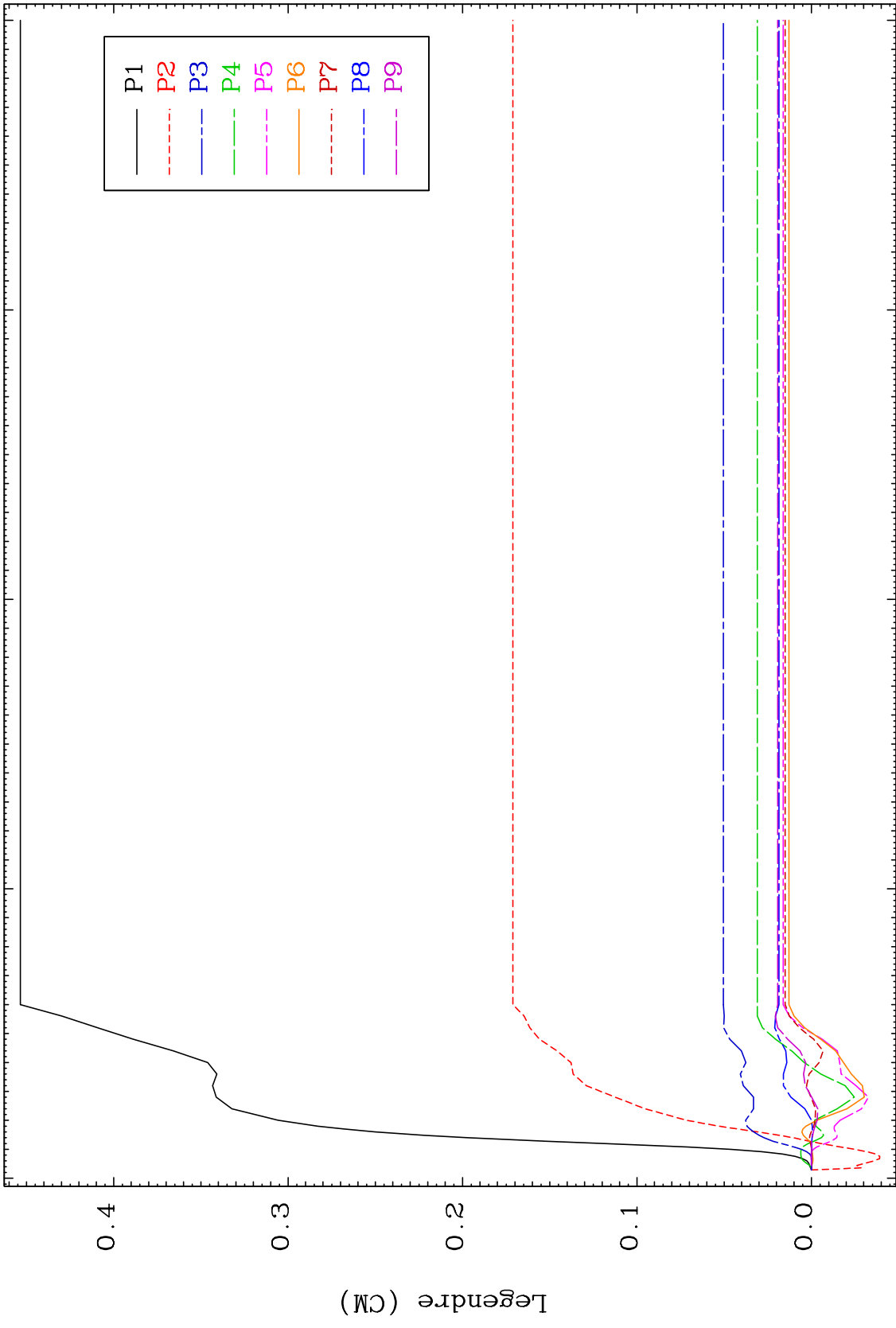
40-Zr-100

Incident Energy (MeV)

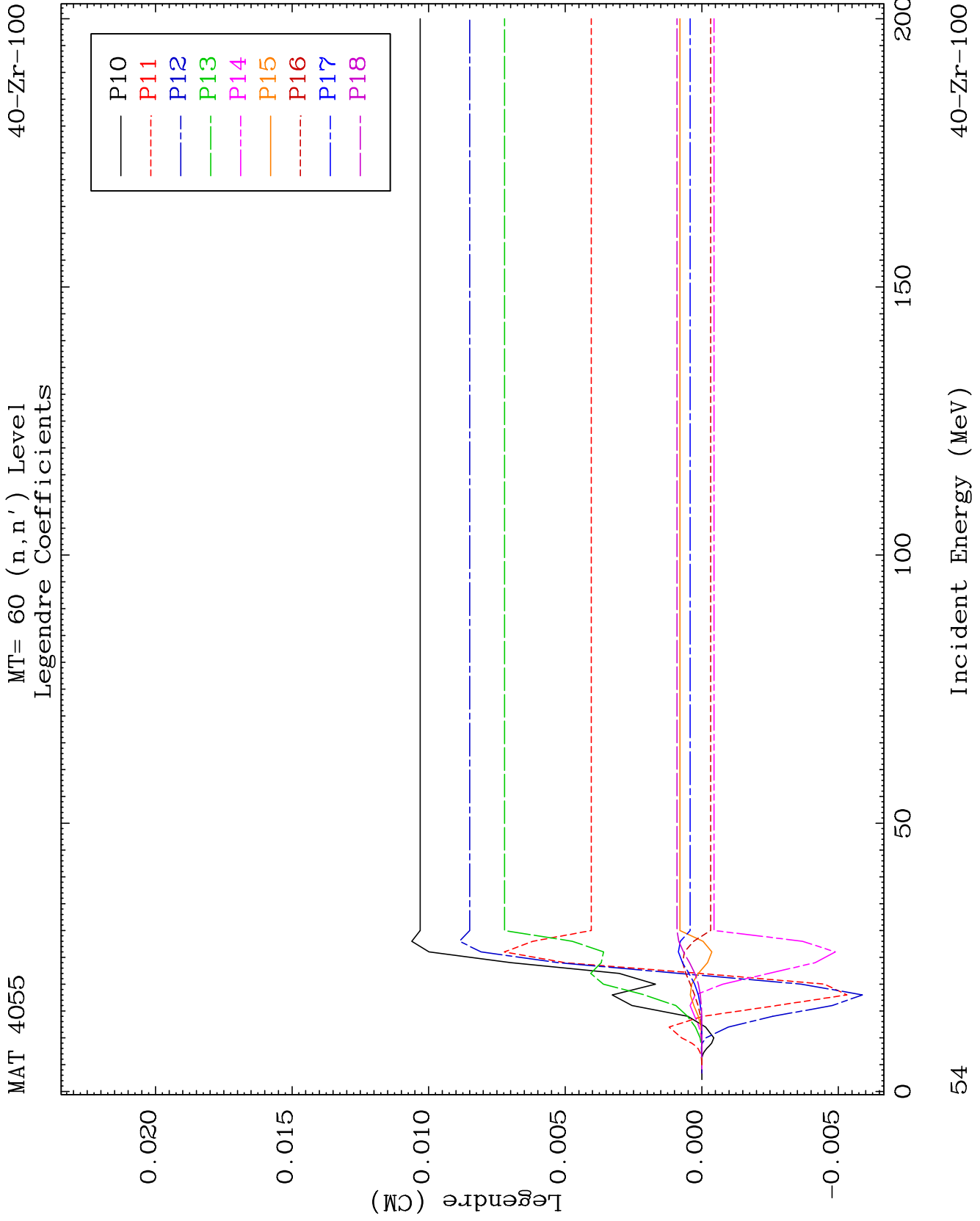




MAT 4055 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-100



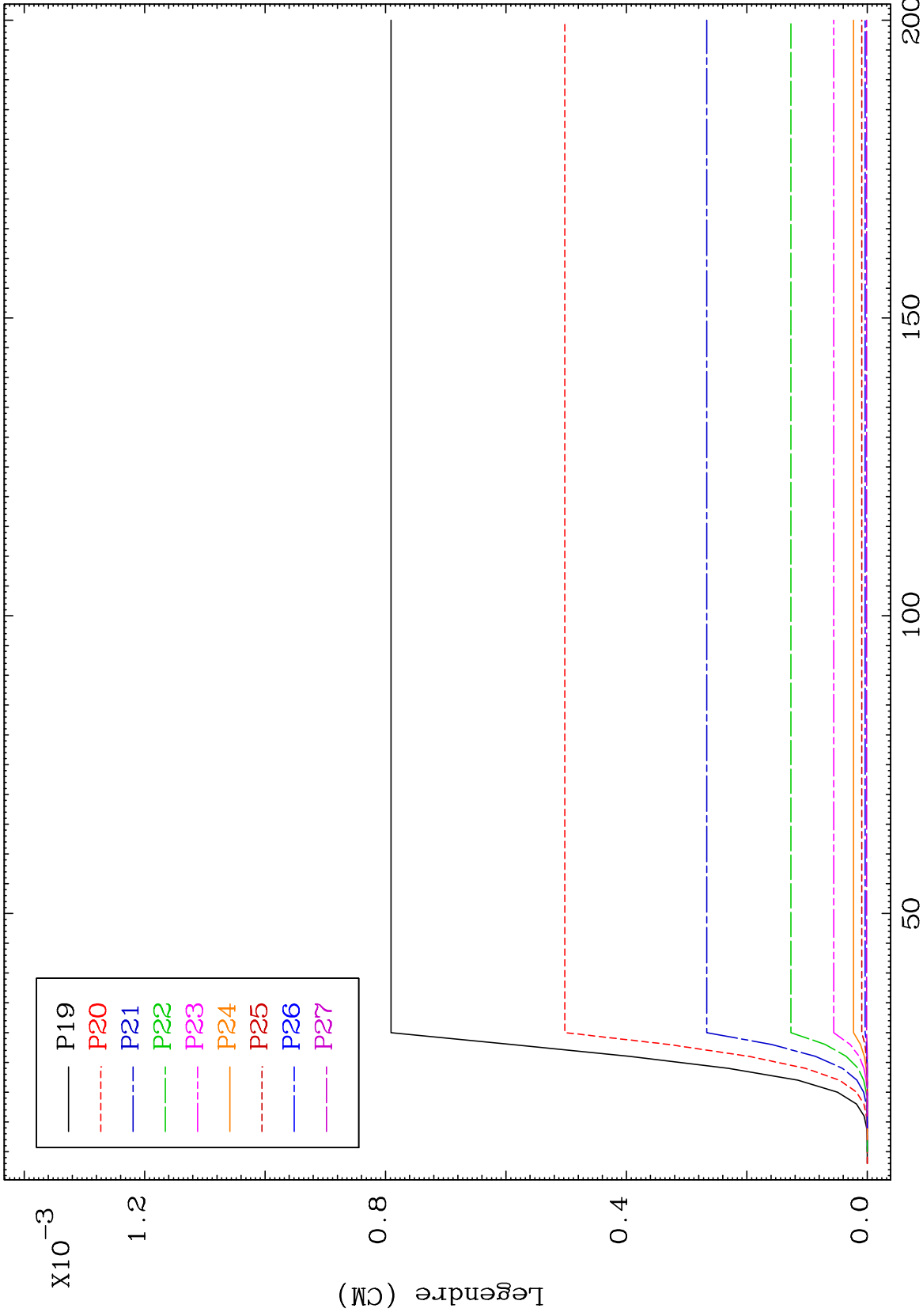
53 Incident Energy (MeV) 40-Zr-100



MAT 4055

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

40-Zr-100



55

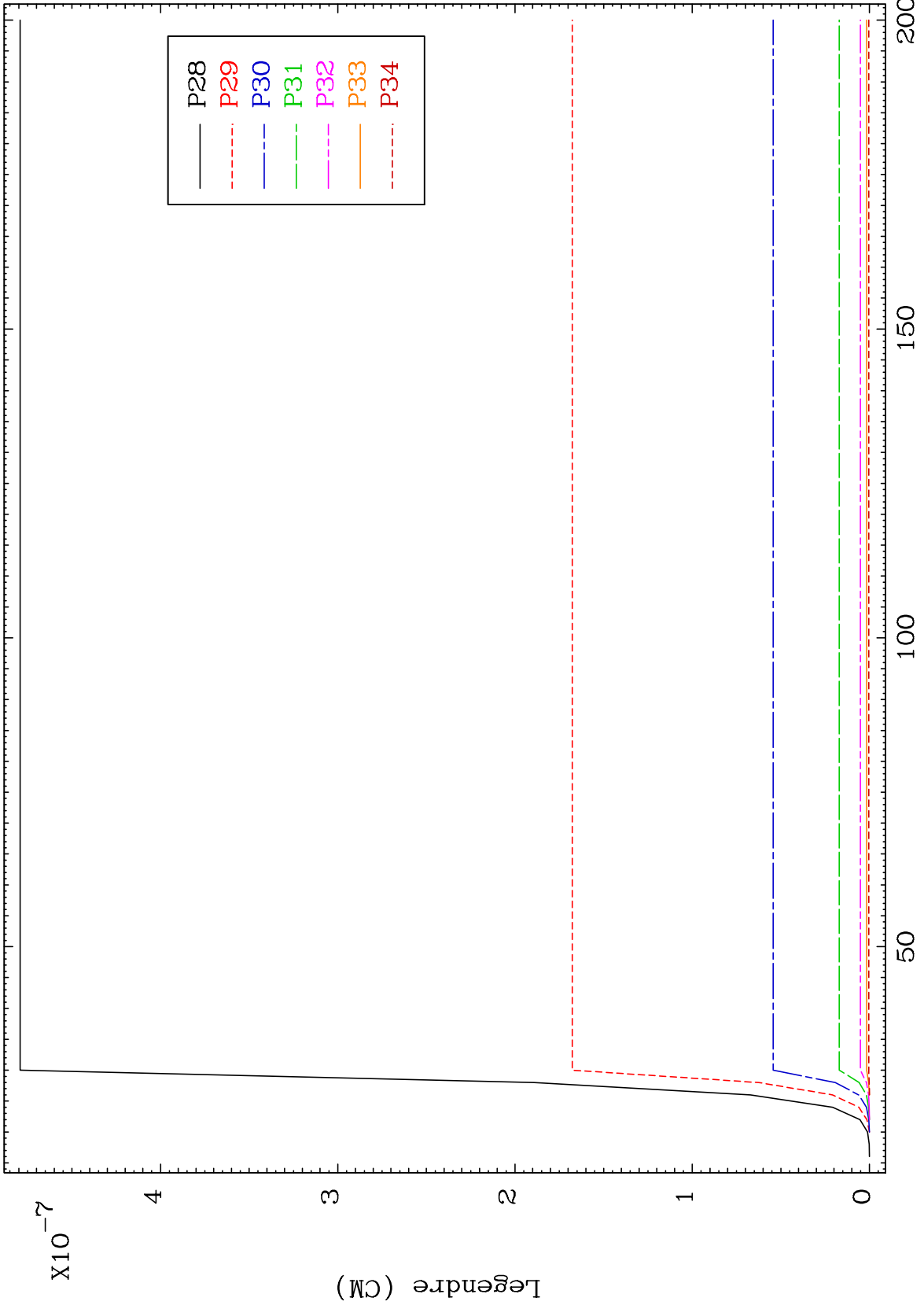
Incident Energy (MeV)

40-Zr-100

MAT 4055

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

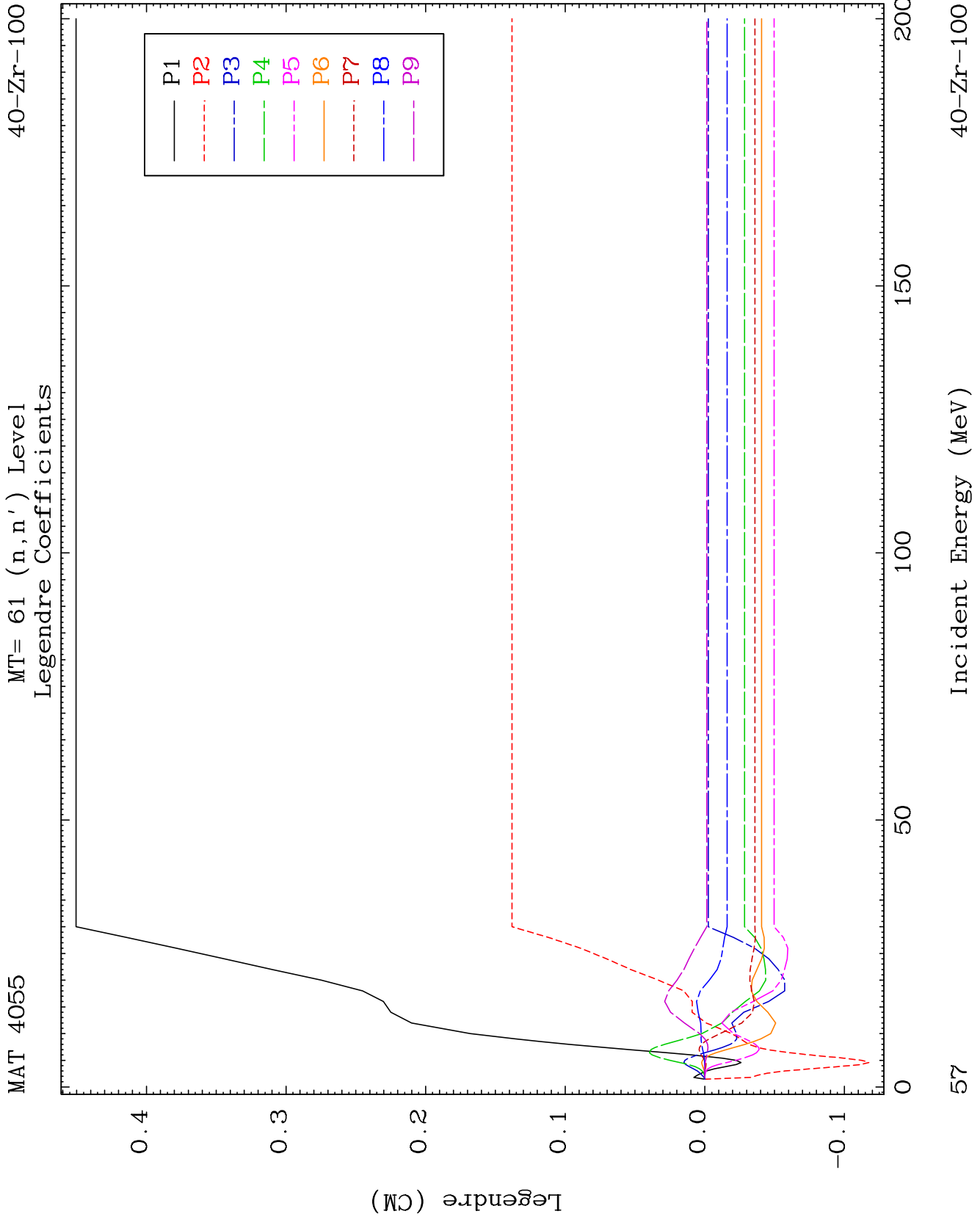
40-Zr-100

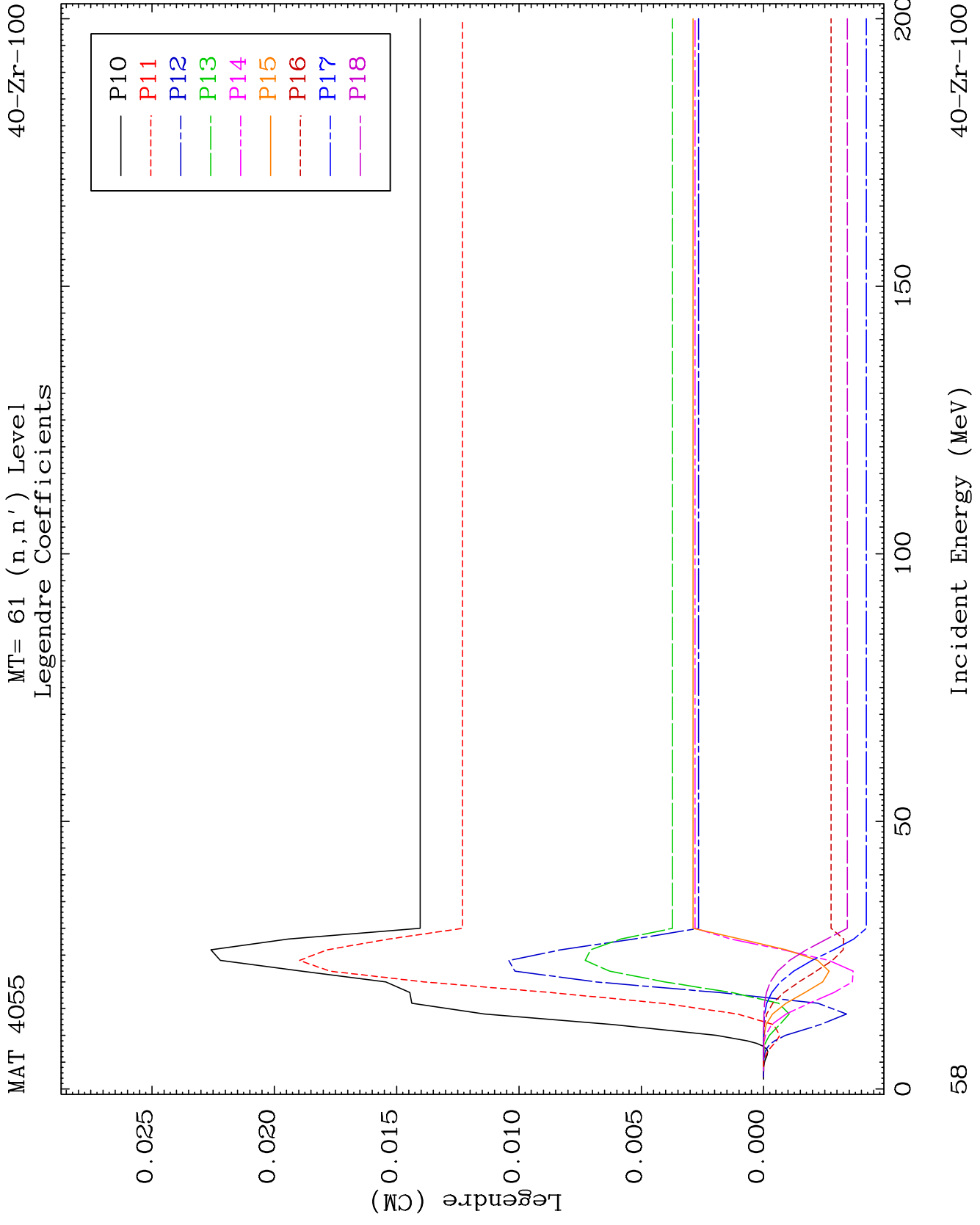


56

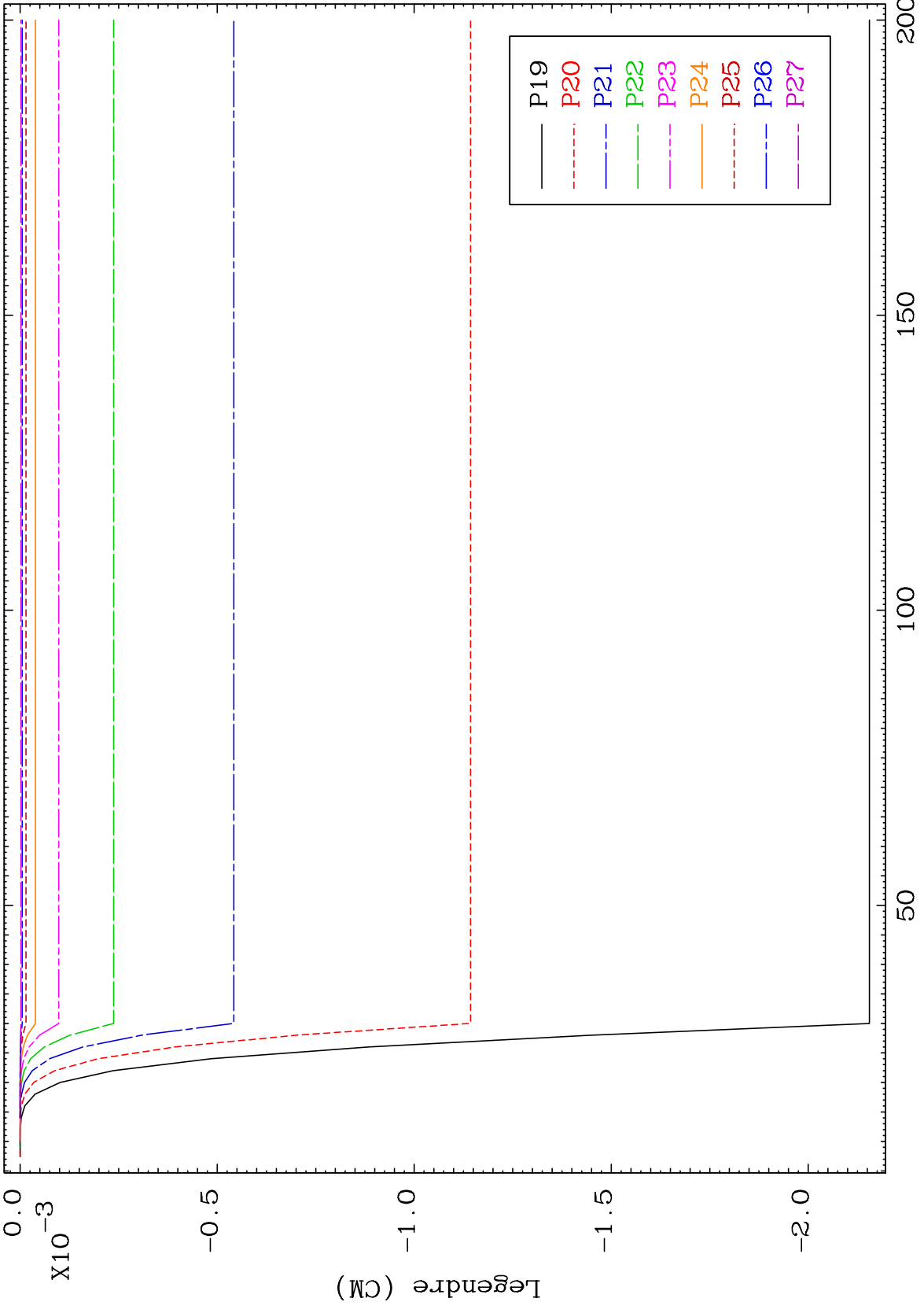
Incident Energy (MeV)

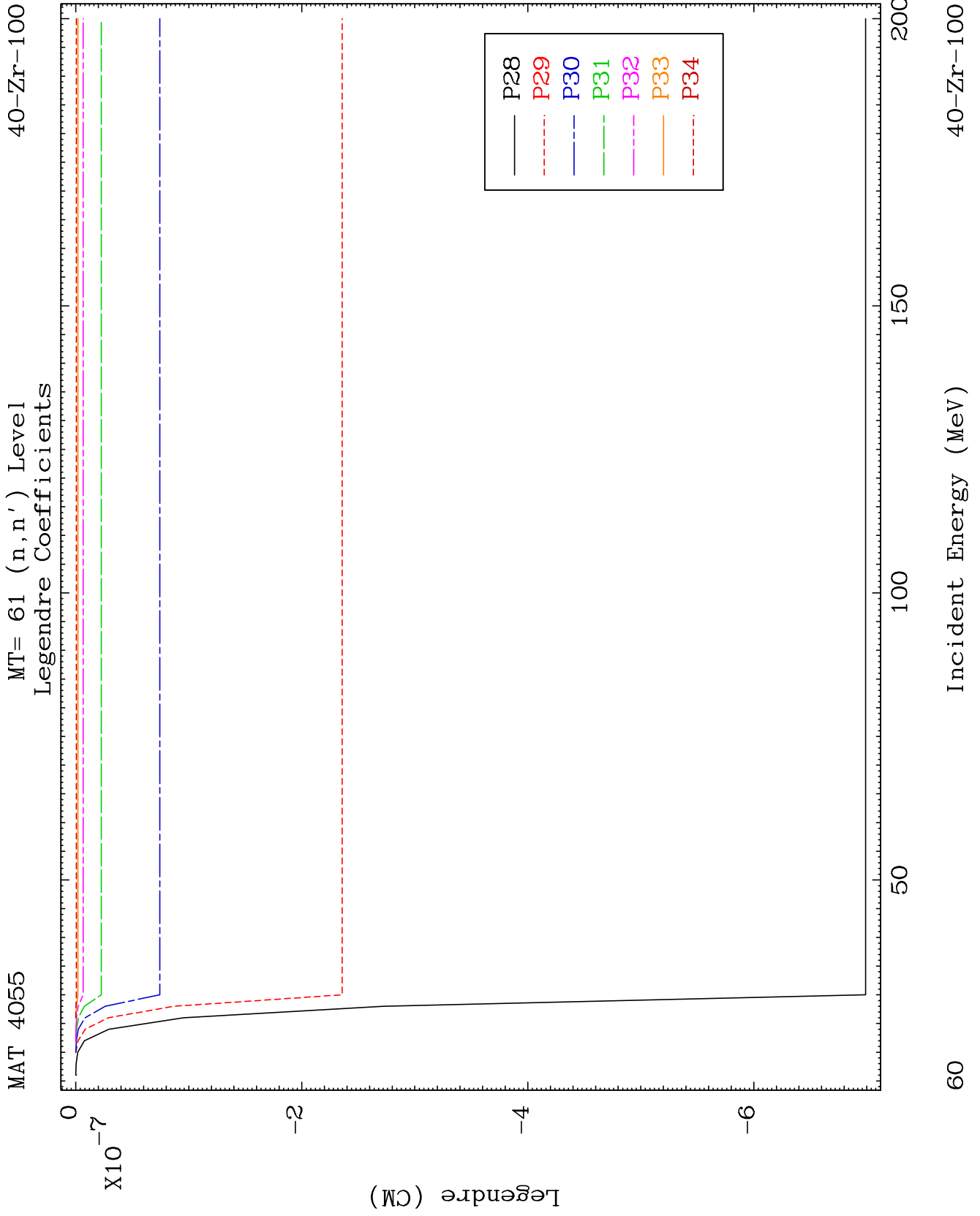
40-Zr-100





MAT 4055 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-100

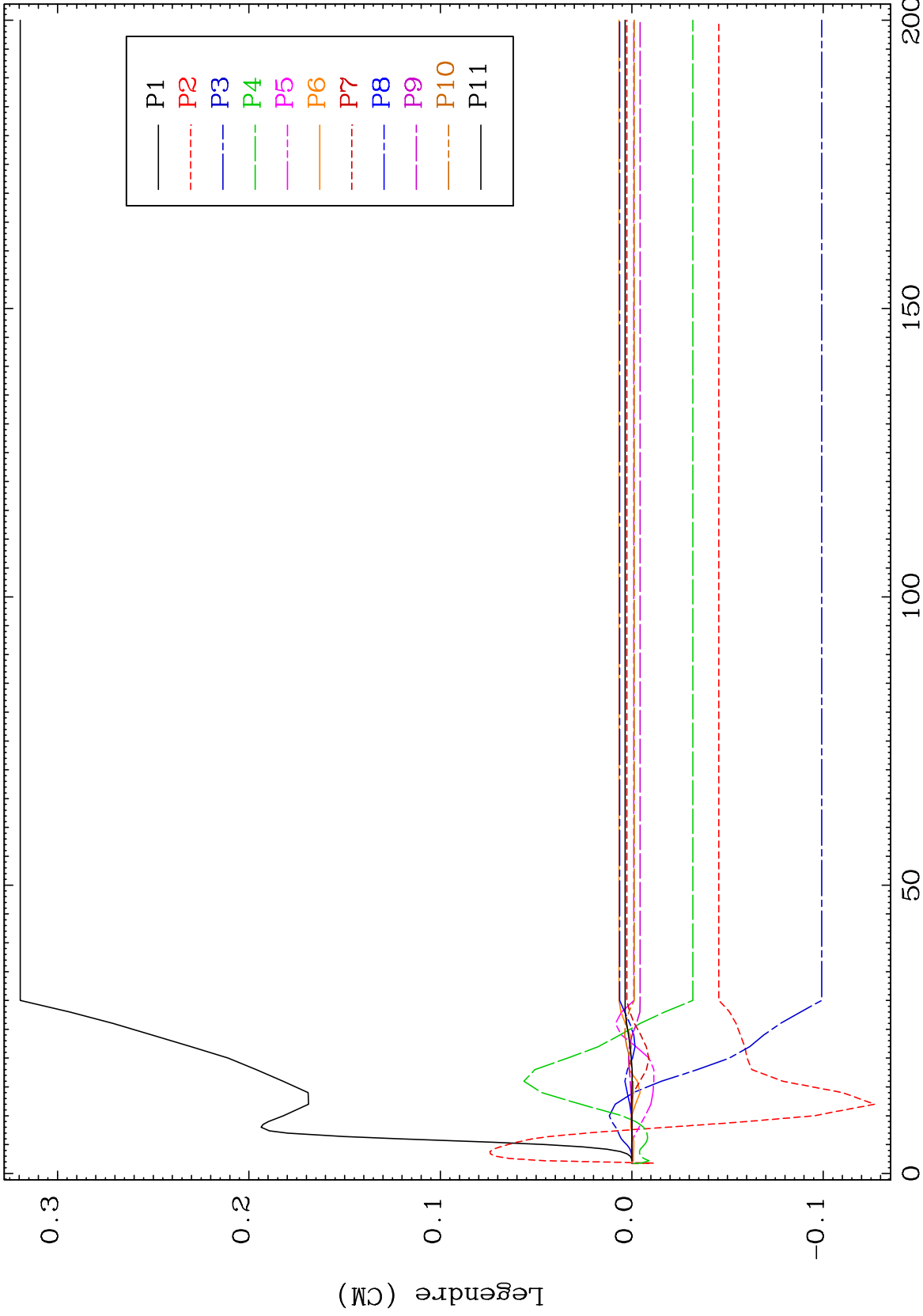




MAT 4055

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

40-Zr-100



61

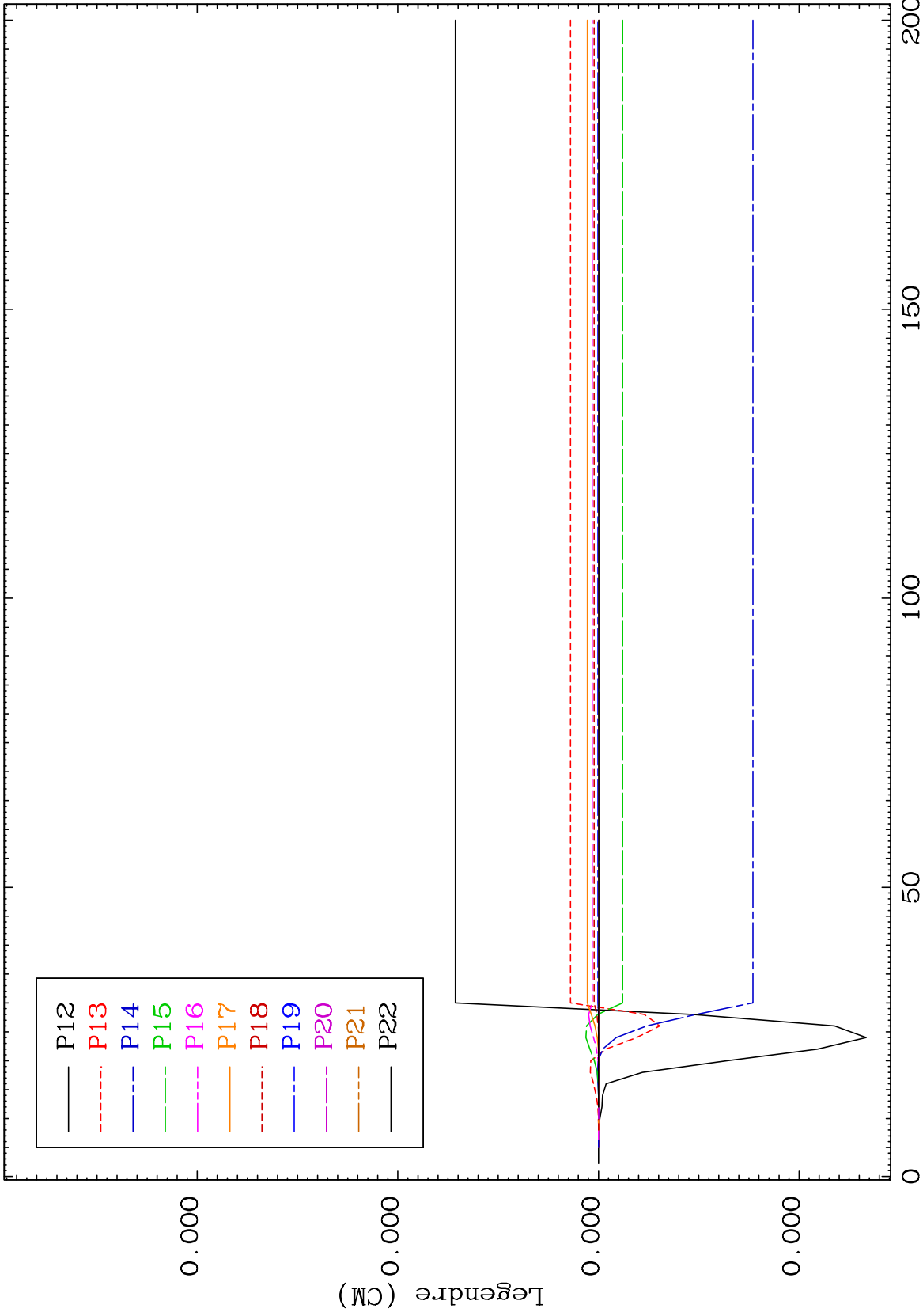
Incident Energy (MeV)

40-Zr-100

MAT 4055

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

40-Zr-100

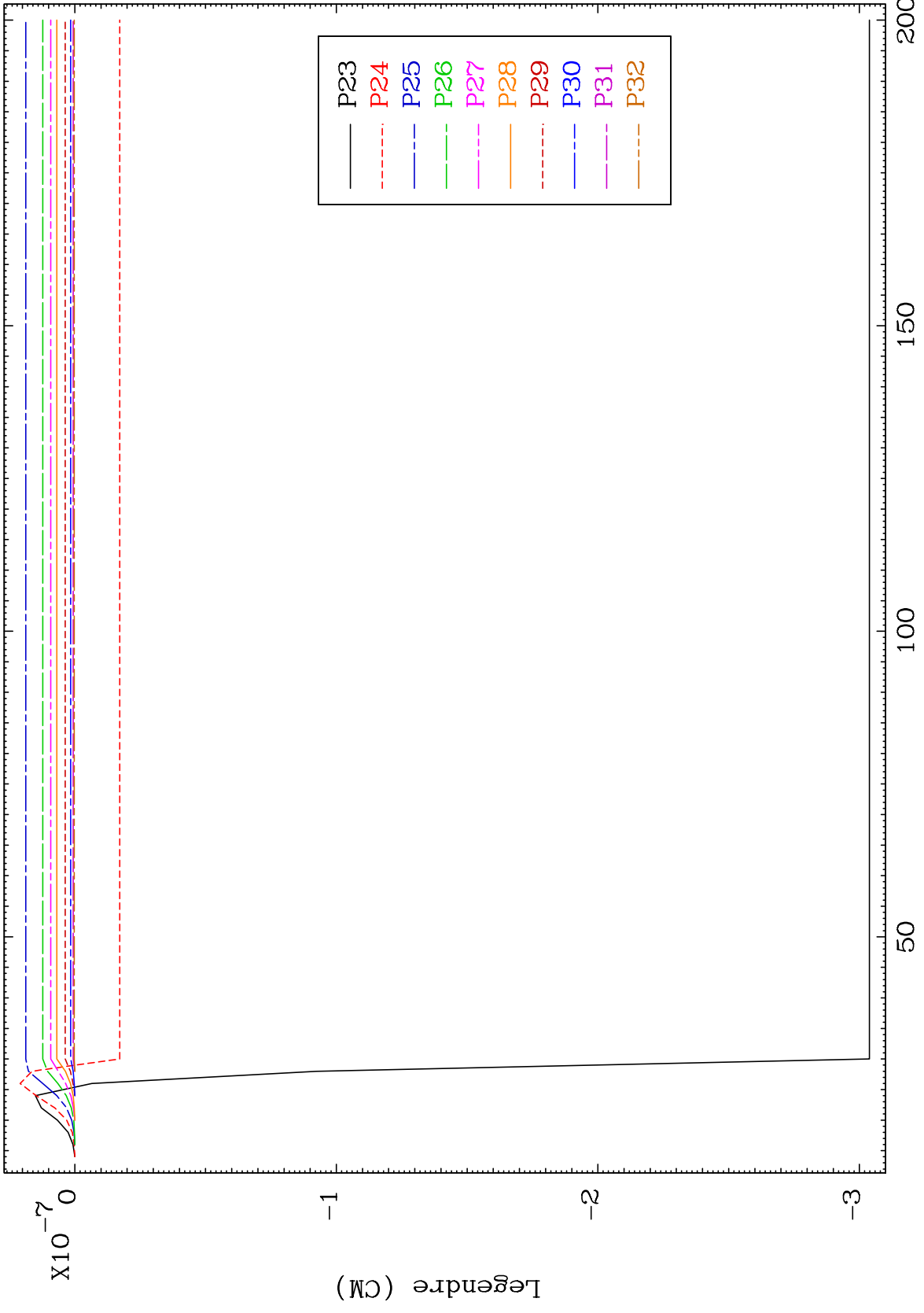


62

Incident Energy (MeV)

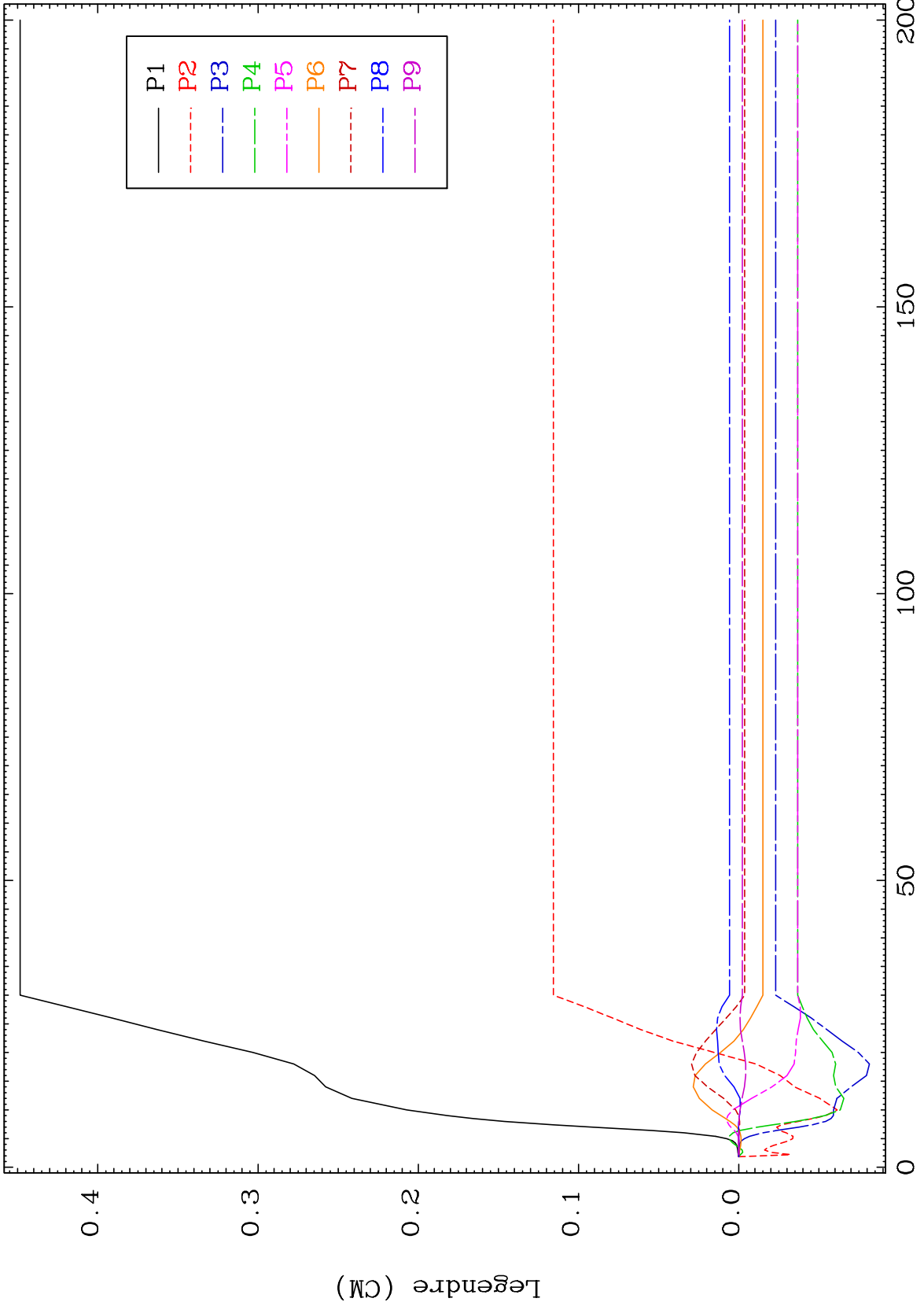
40-Zr-100

MAT 4055 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-100

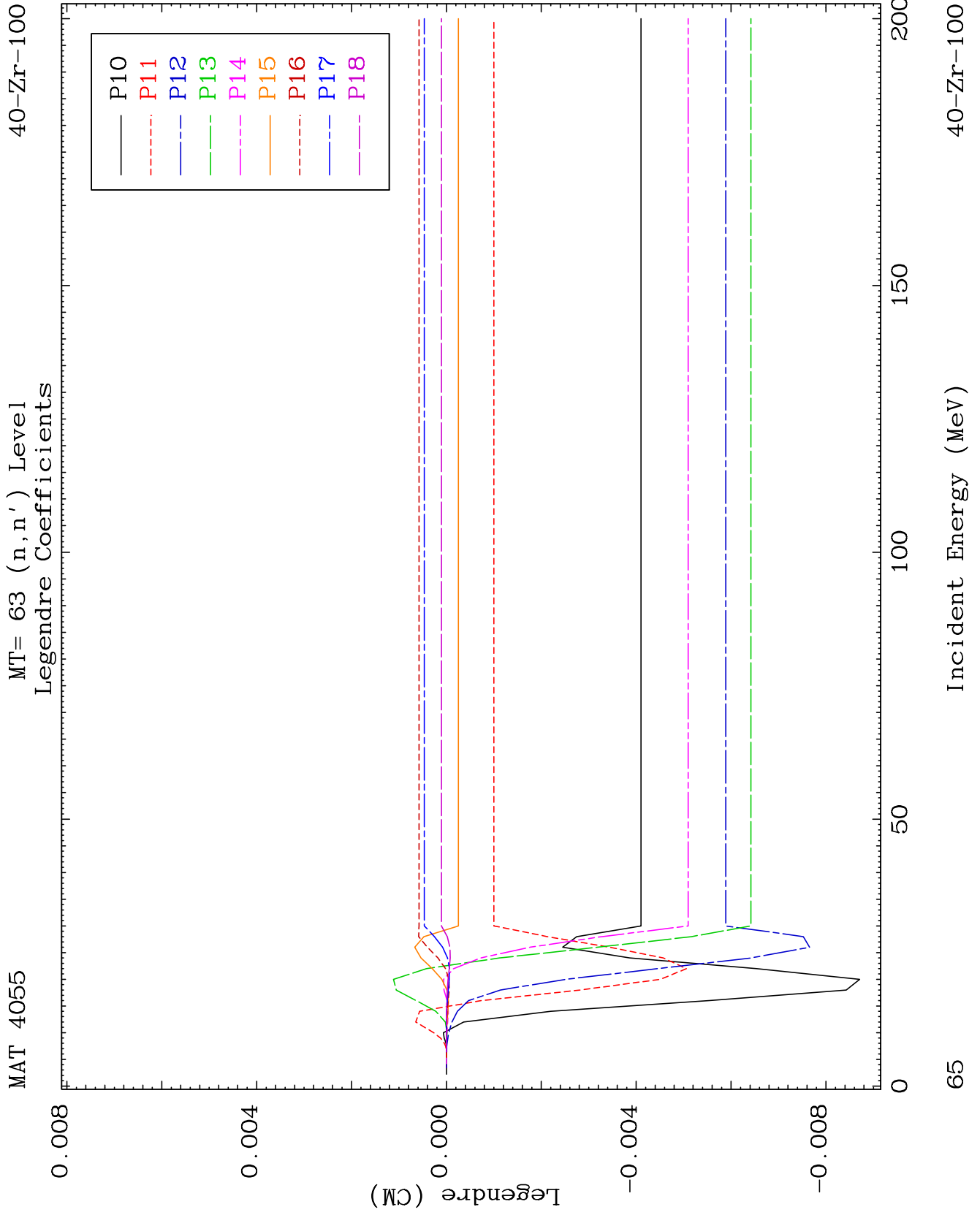


63 Incident Energy (MeV) 40-Zr-100

MAT 4055 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-100



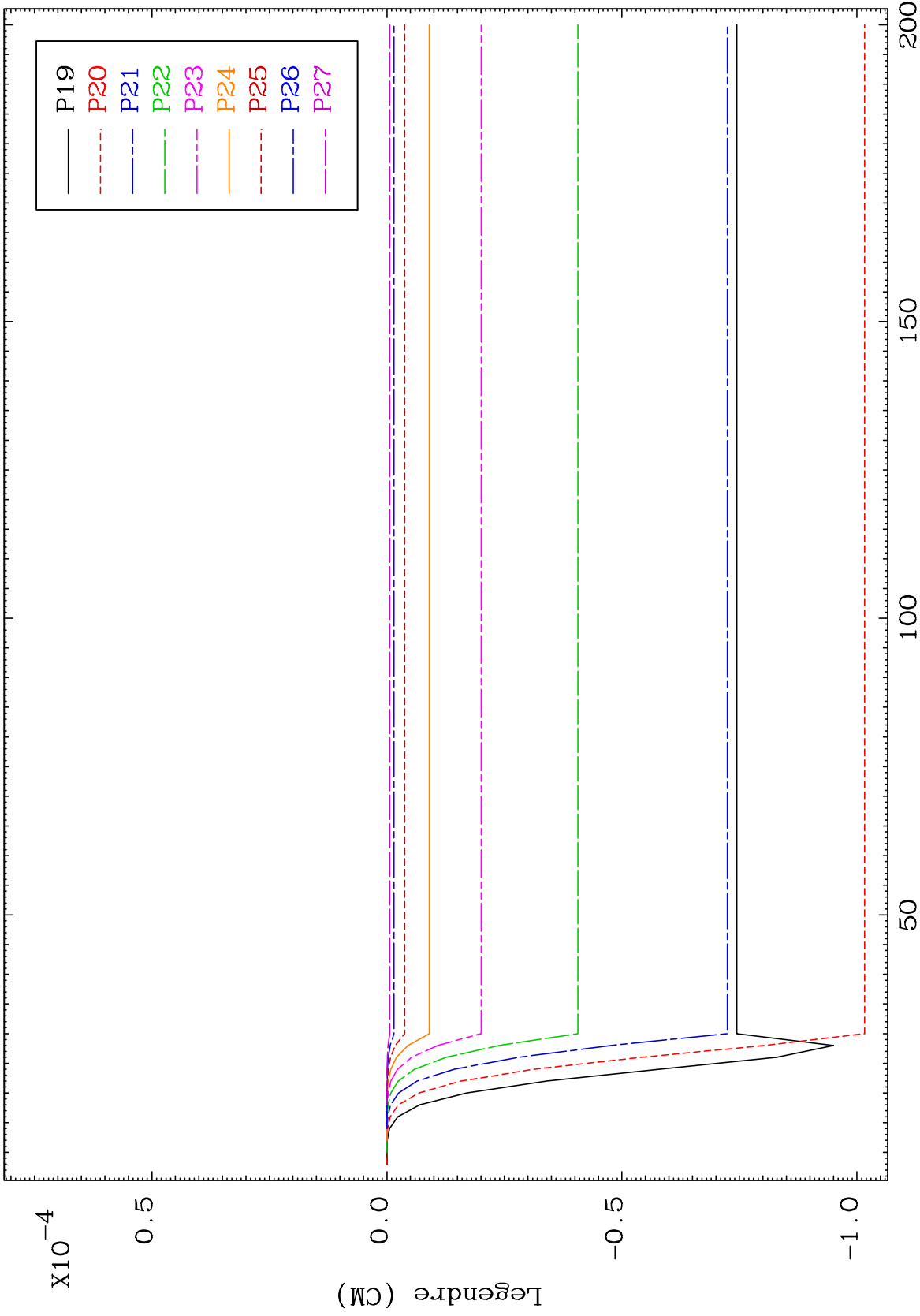
64 Incident Energy (MeV) 40-Zr-100



MAT 4055

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

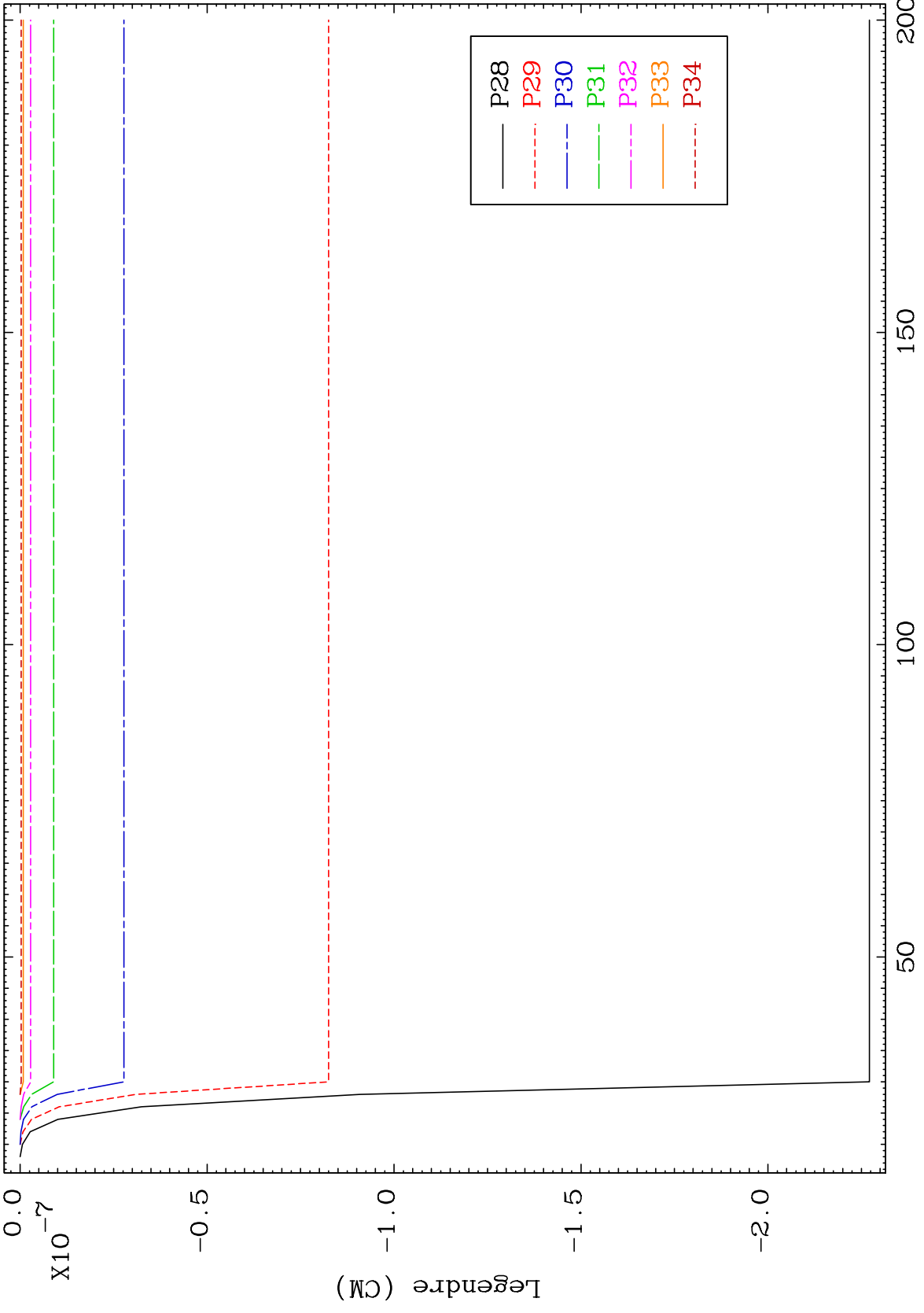
40-Zr-100



66

40-Zr-100

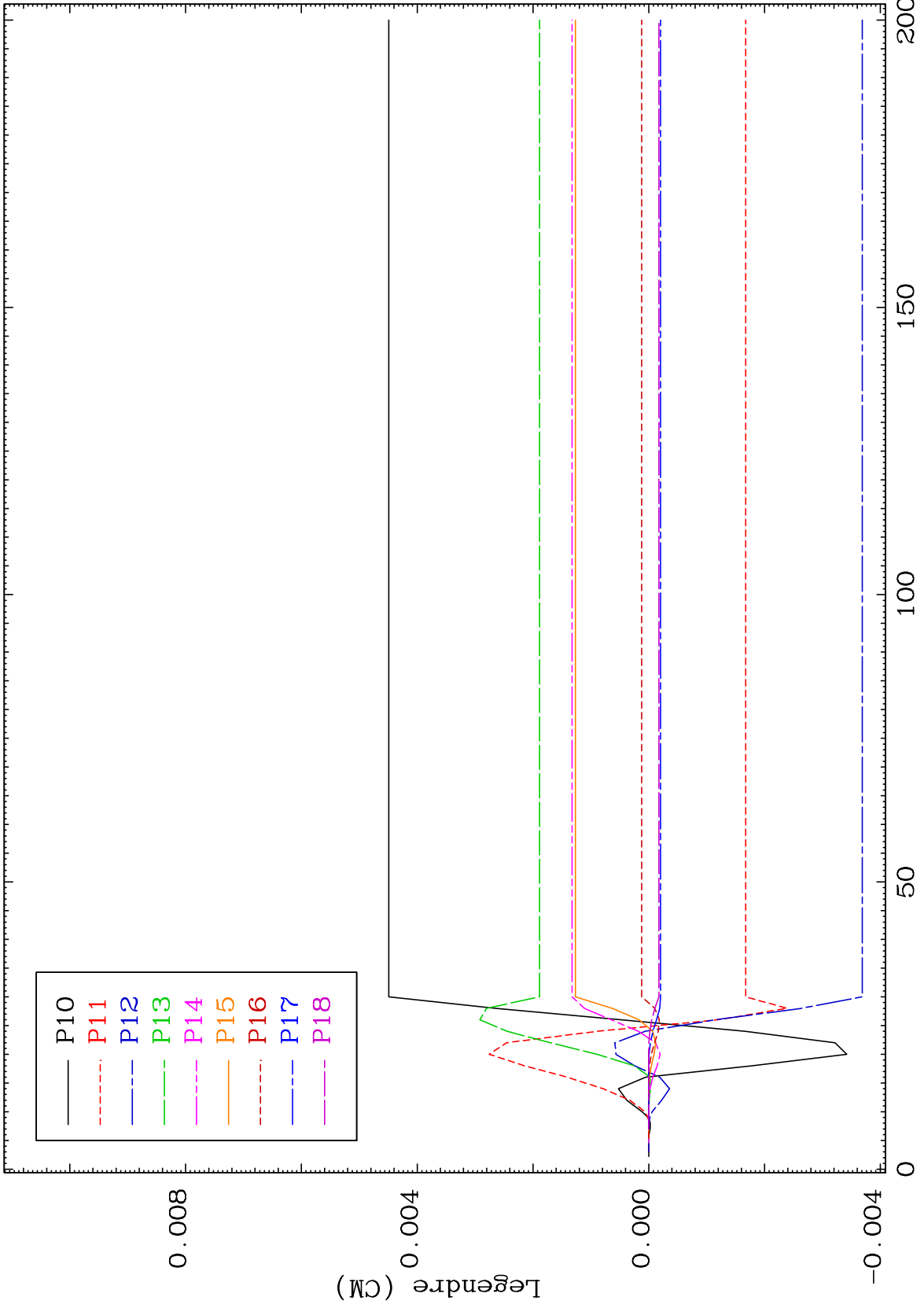
MAT 4055 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055

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

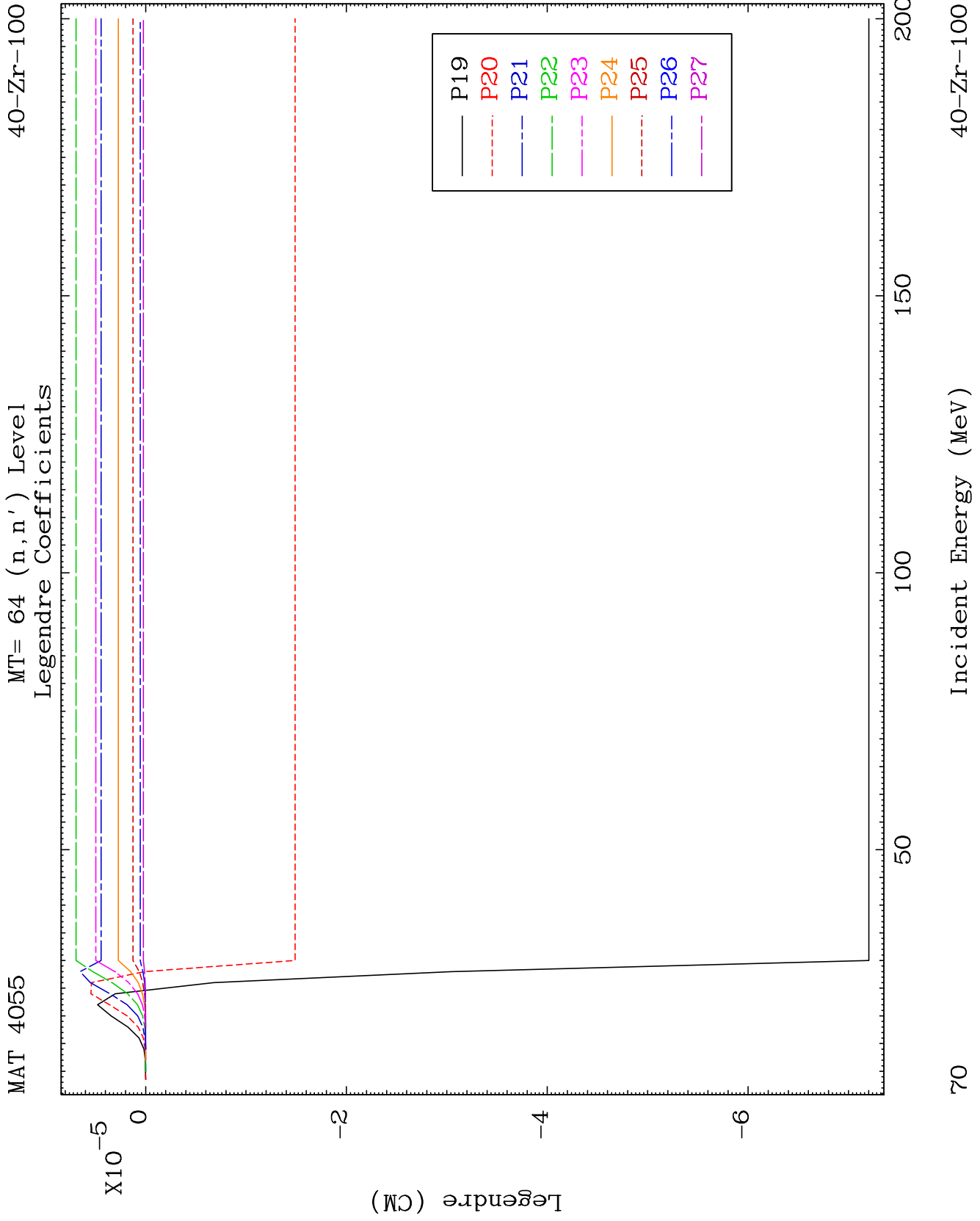
40-Zr-100



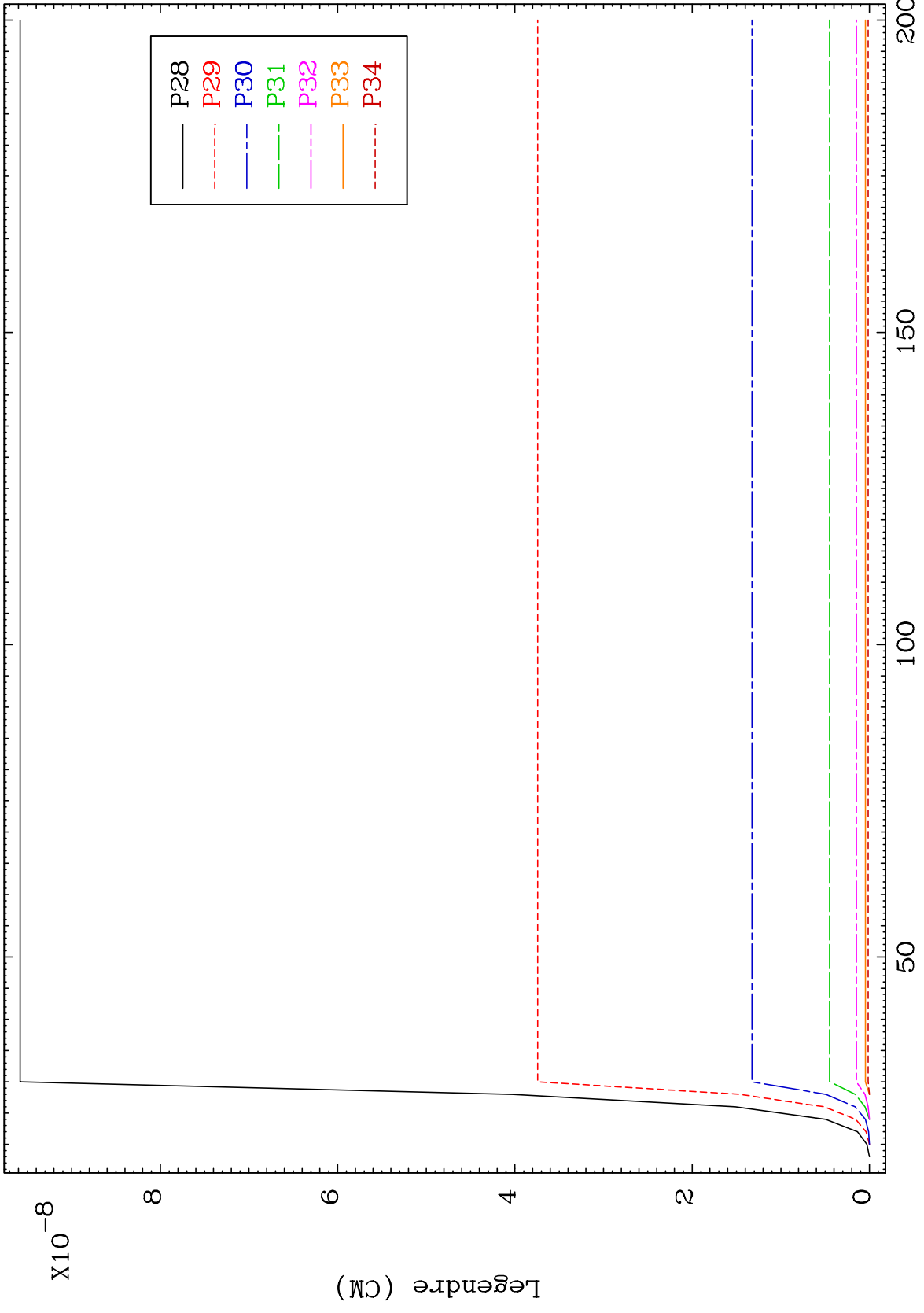
69

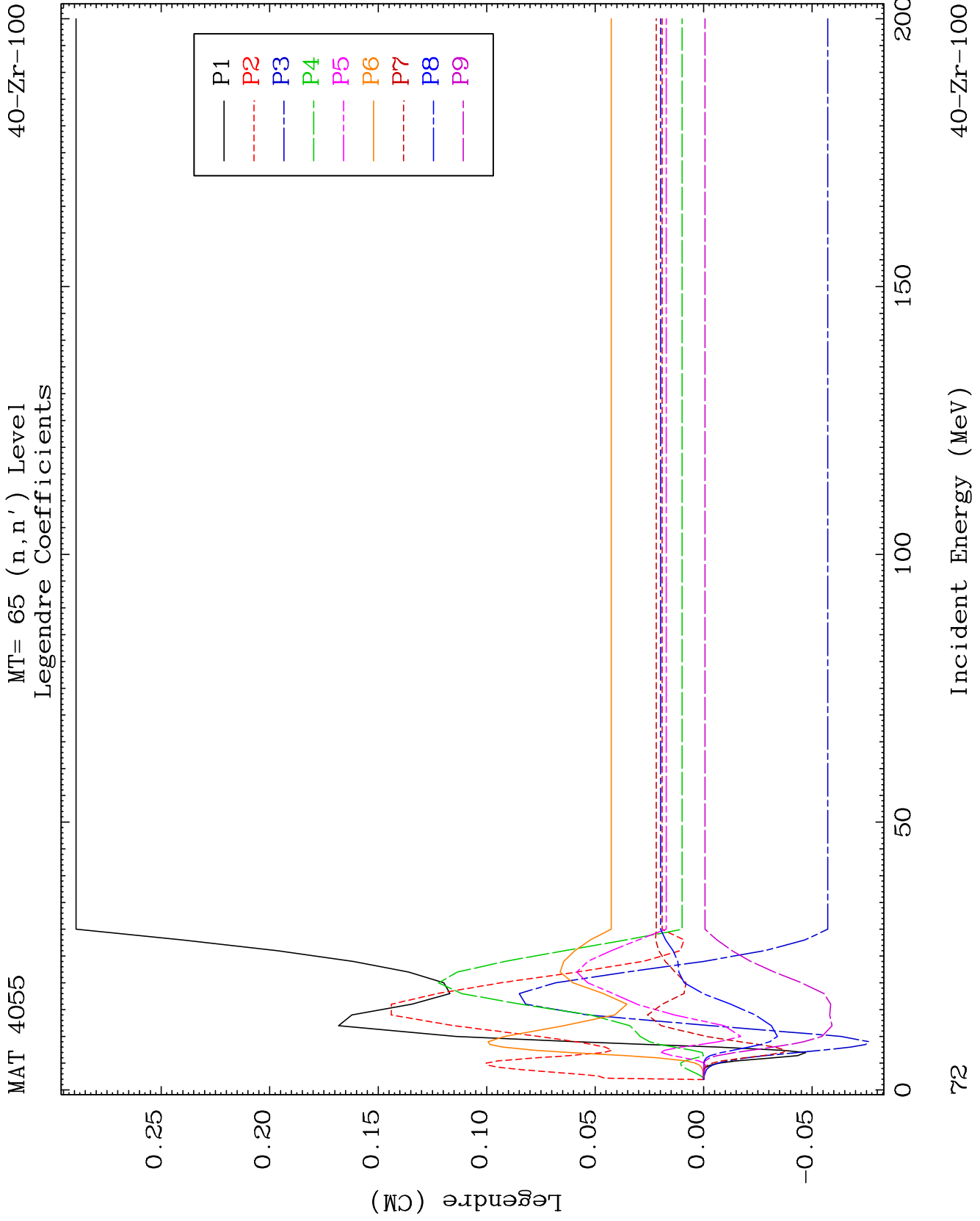
Incident Energy (MeV)

40-Zr-100



MAT 4055 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-100

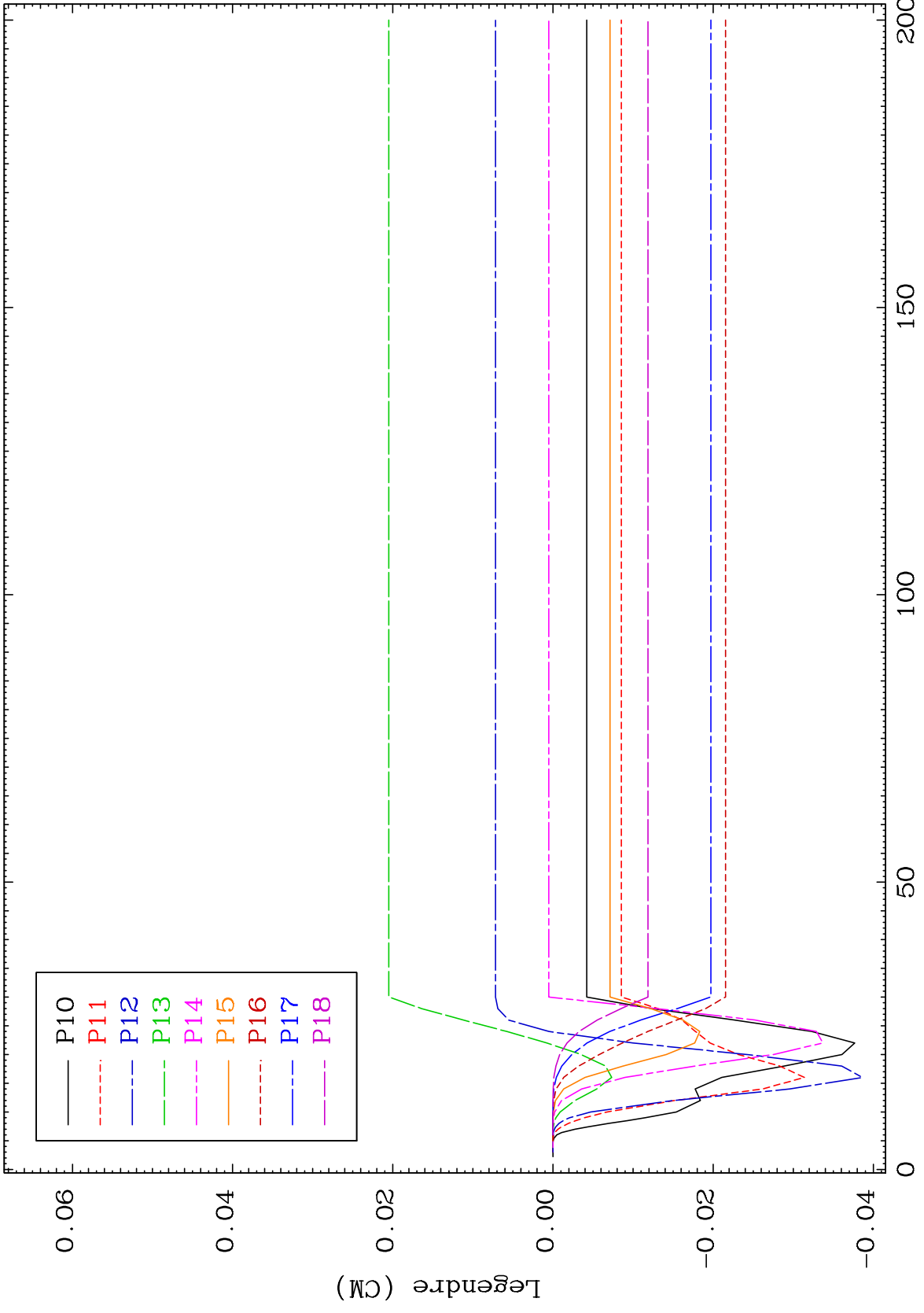




MAT 4055

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

40-Zr-100

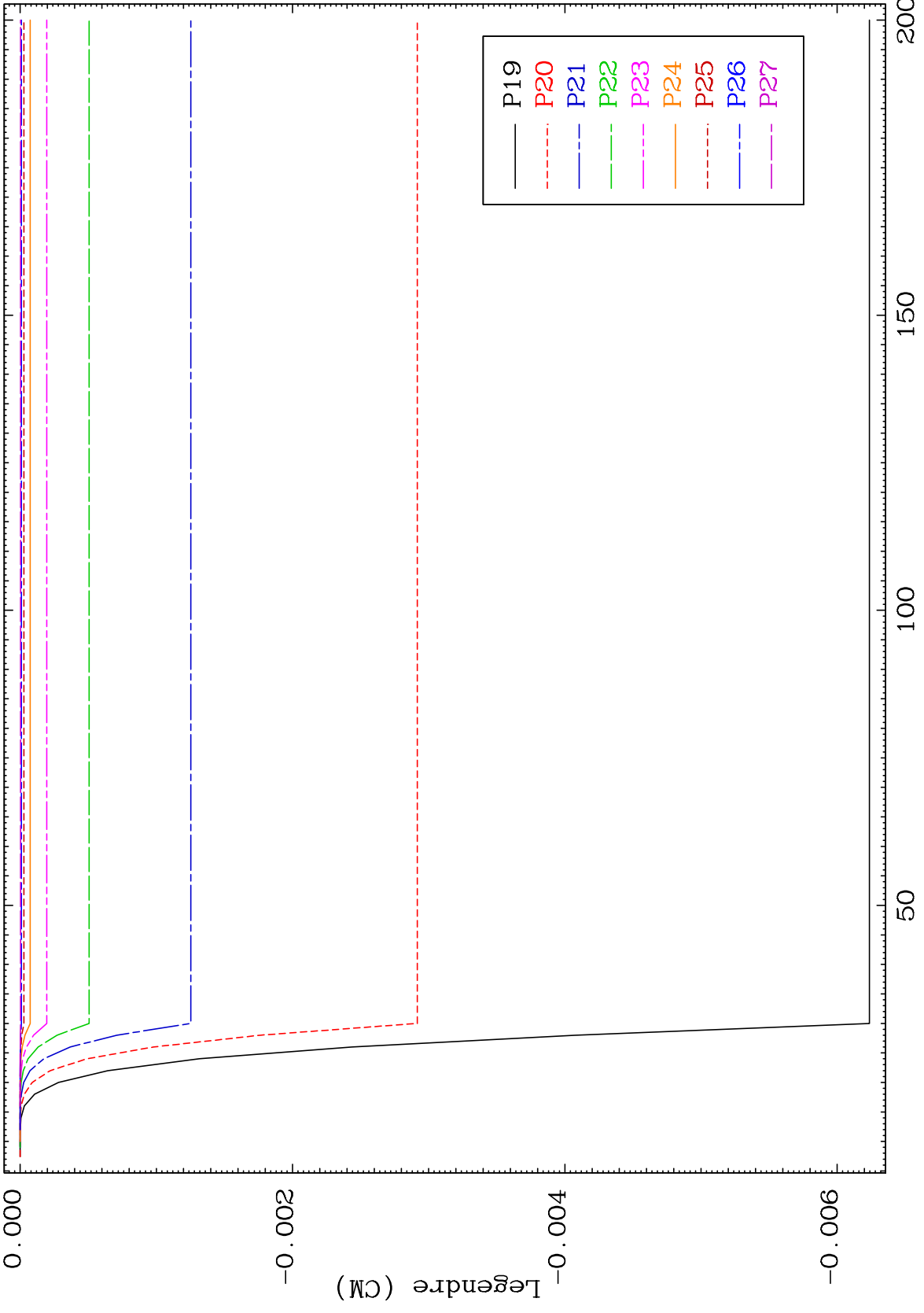


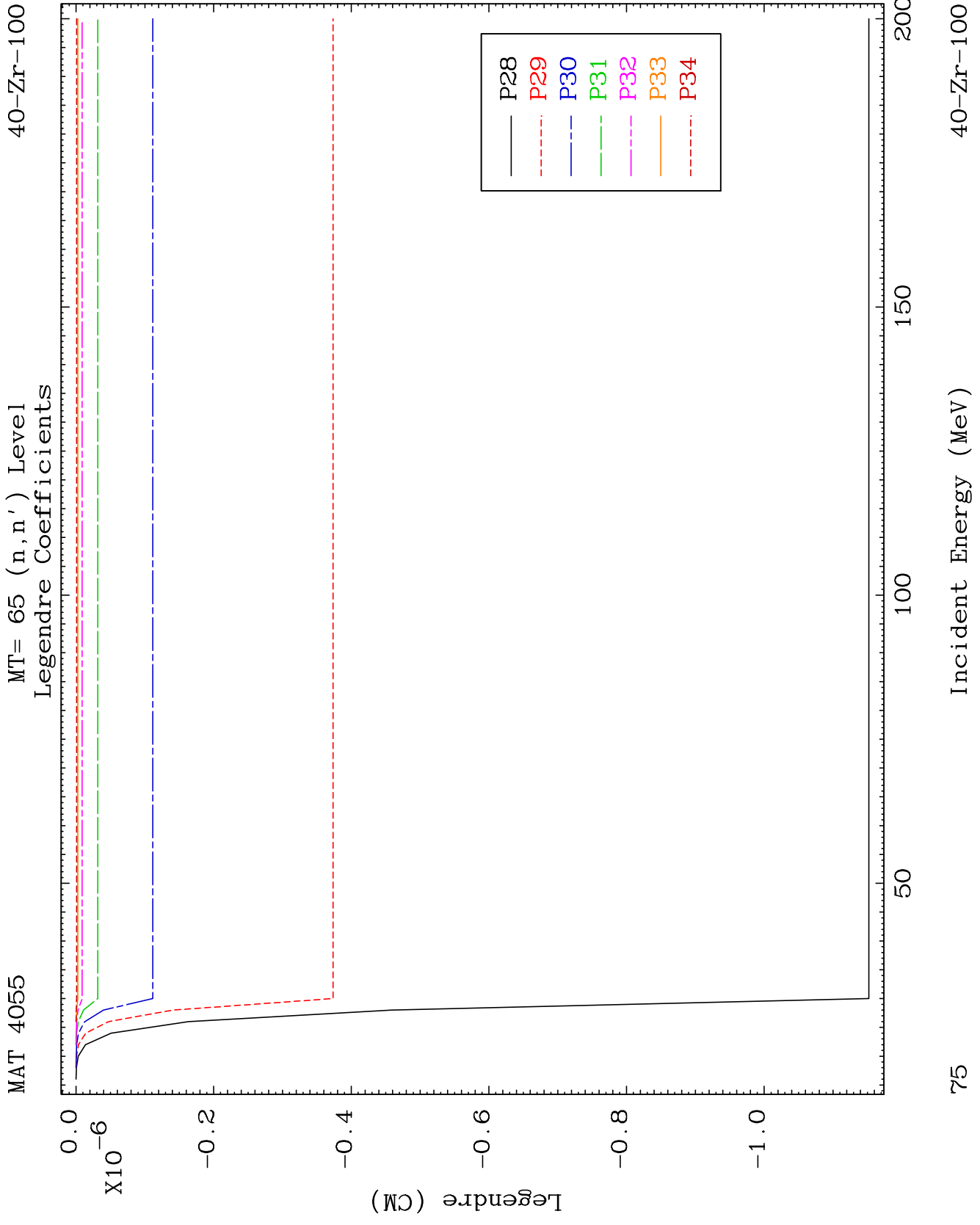
73

Incident Energy (MeV)

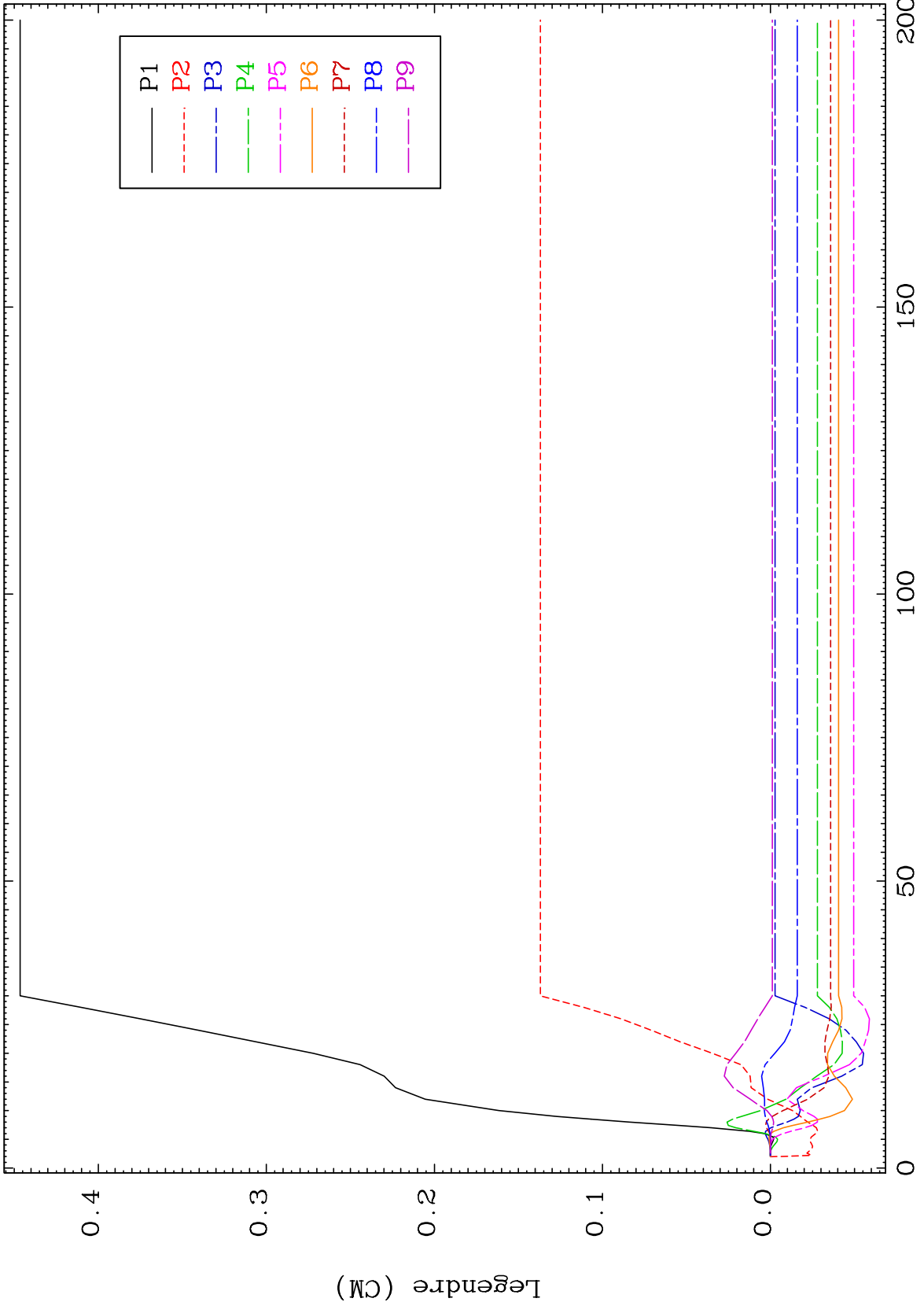
40-Zr-100

MAT 4055 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-100

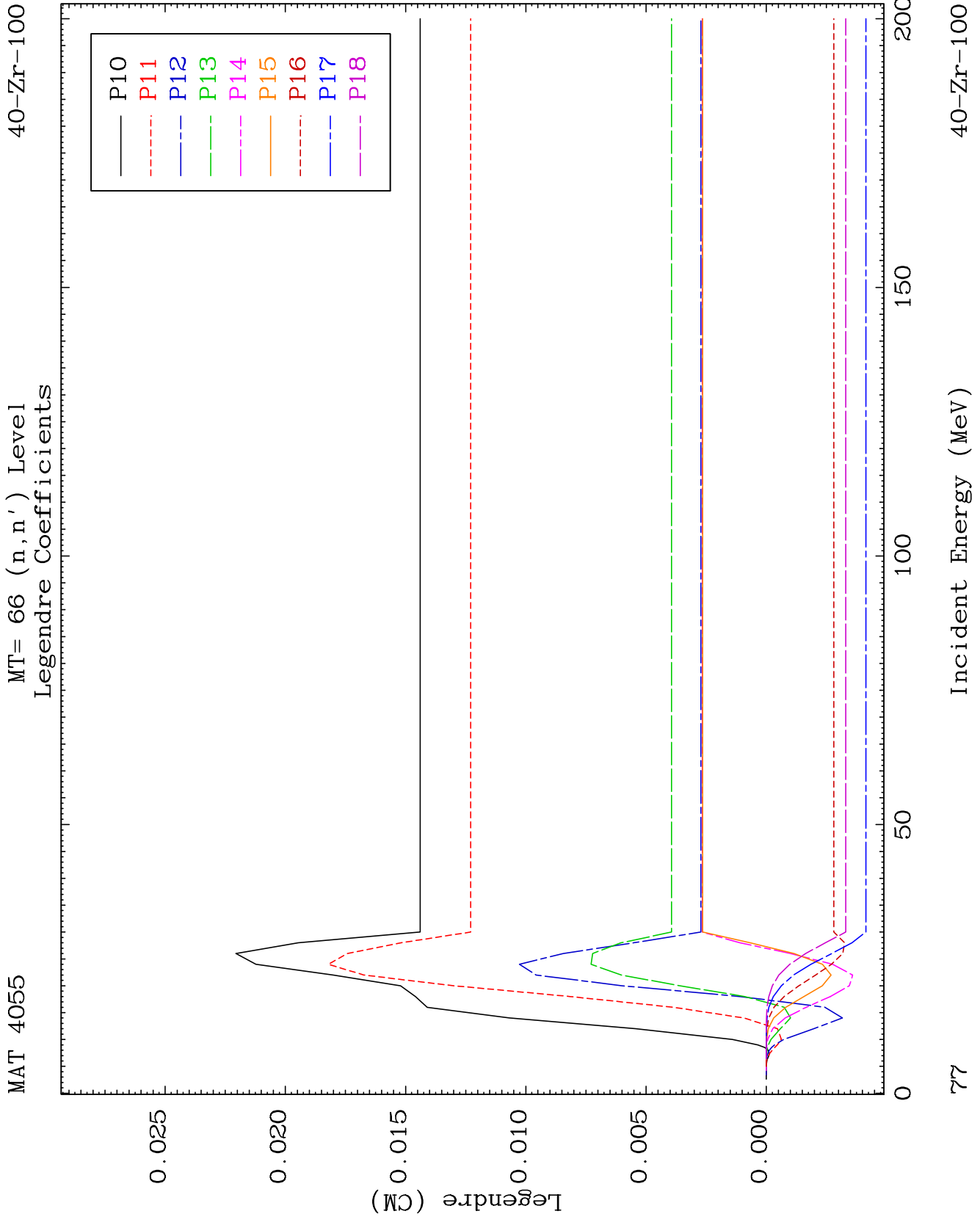




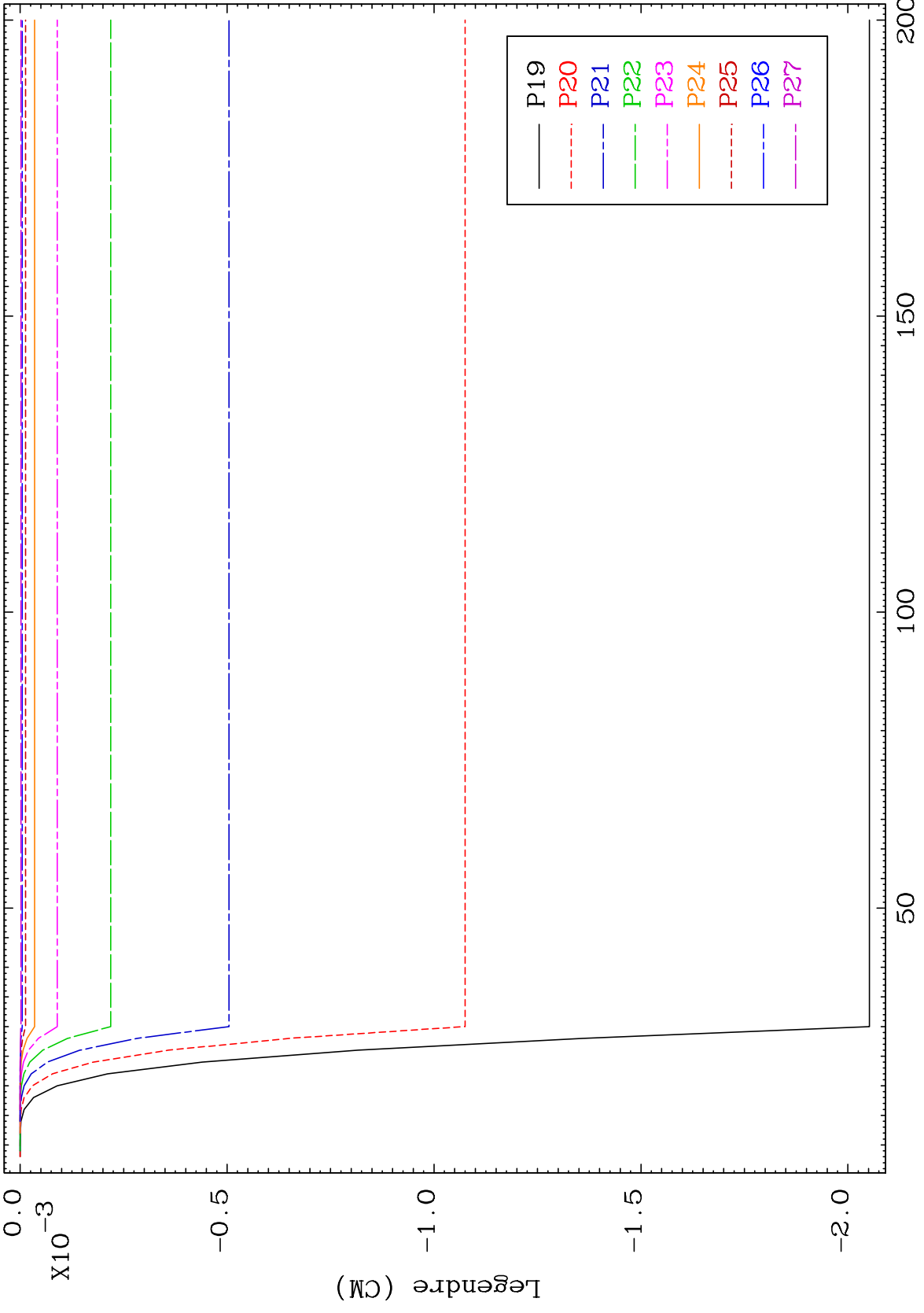
MAT 4055 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-100

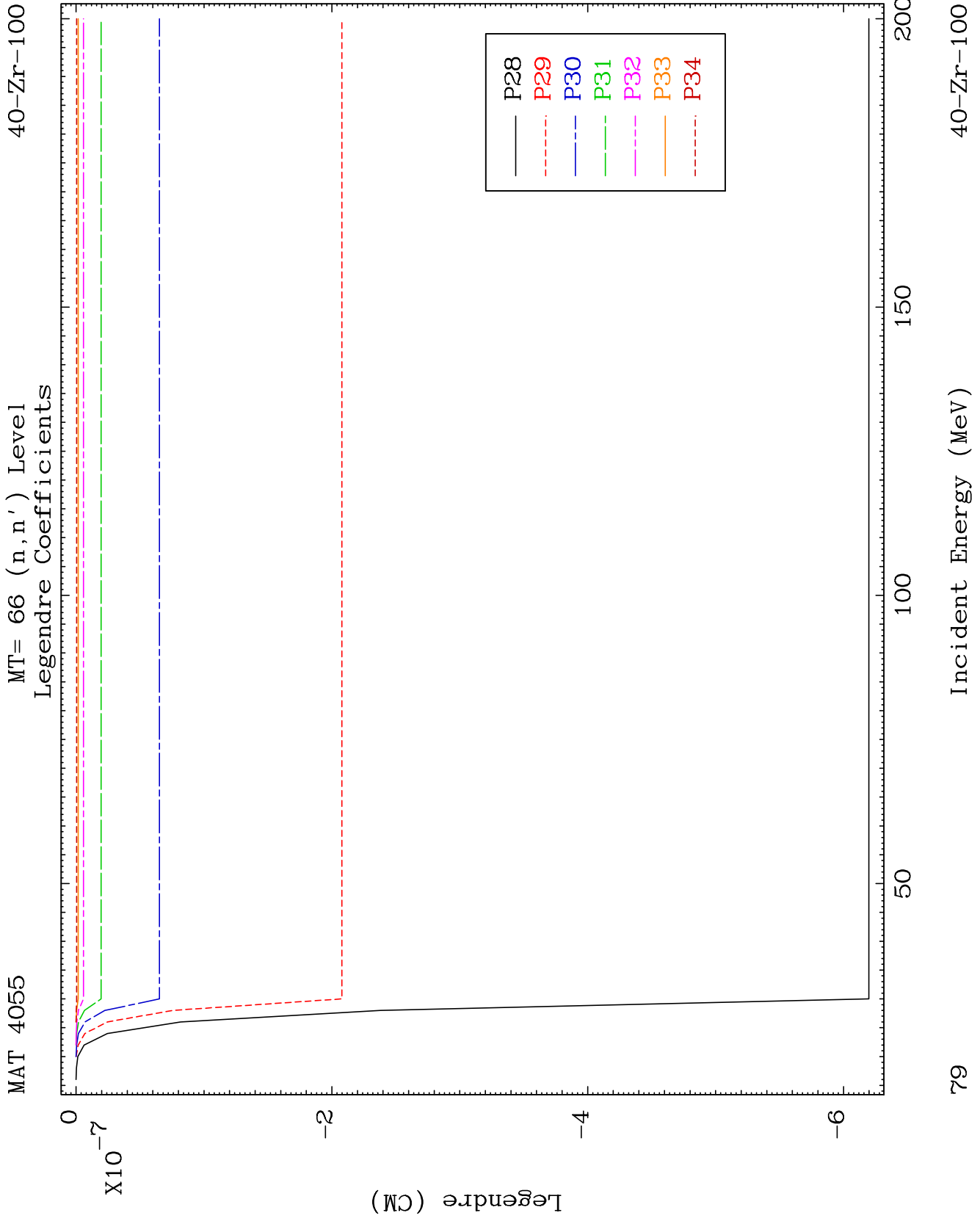


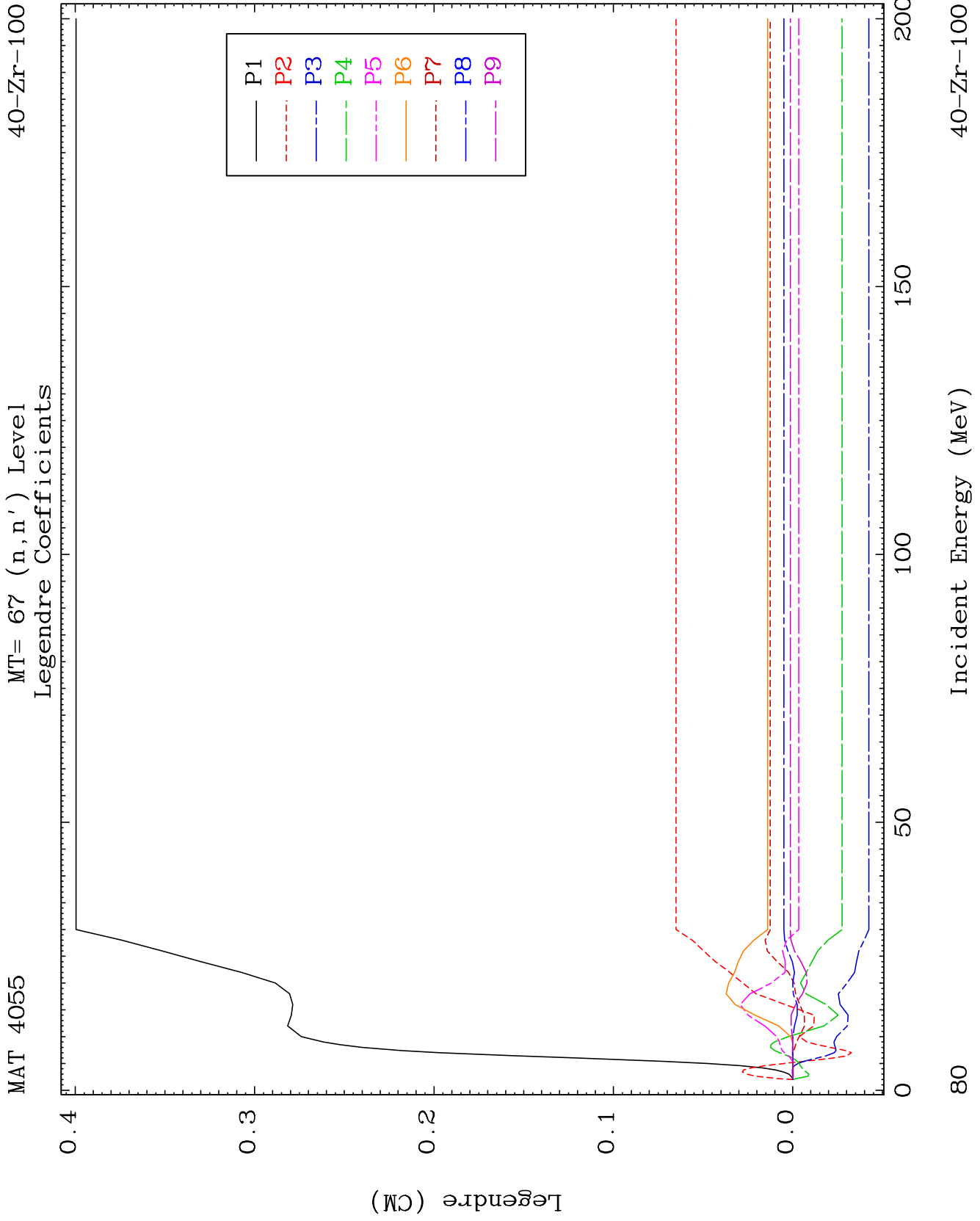
76 Incident Energy (MeV) 40-Zr-100



MAT 4055 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-100



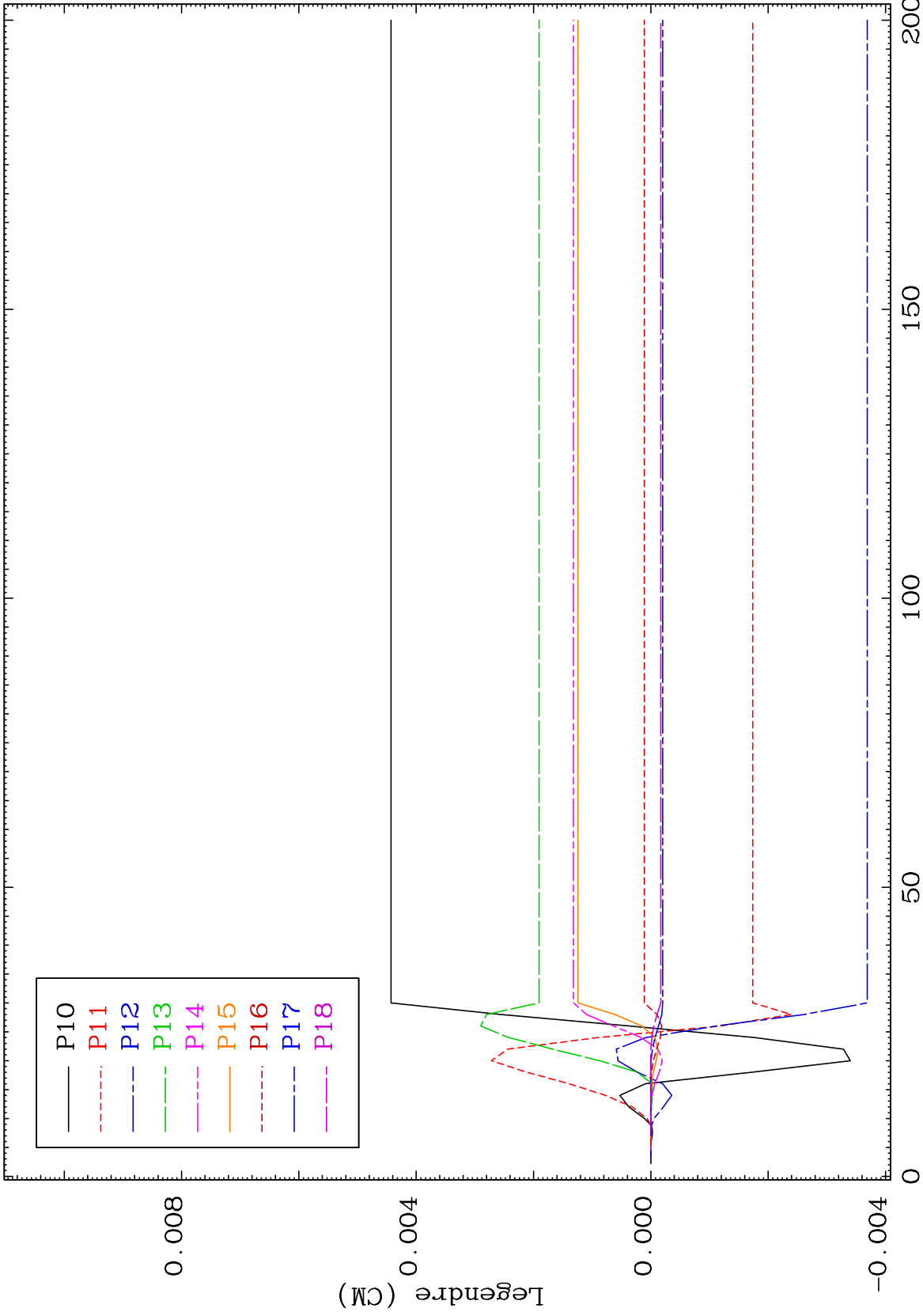




MAT 4055

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

40-Zr-100

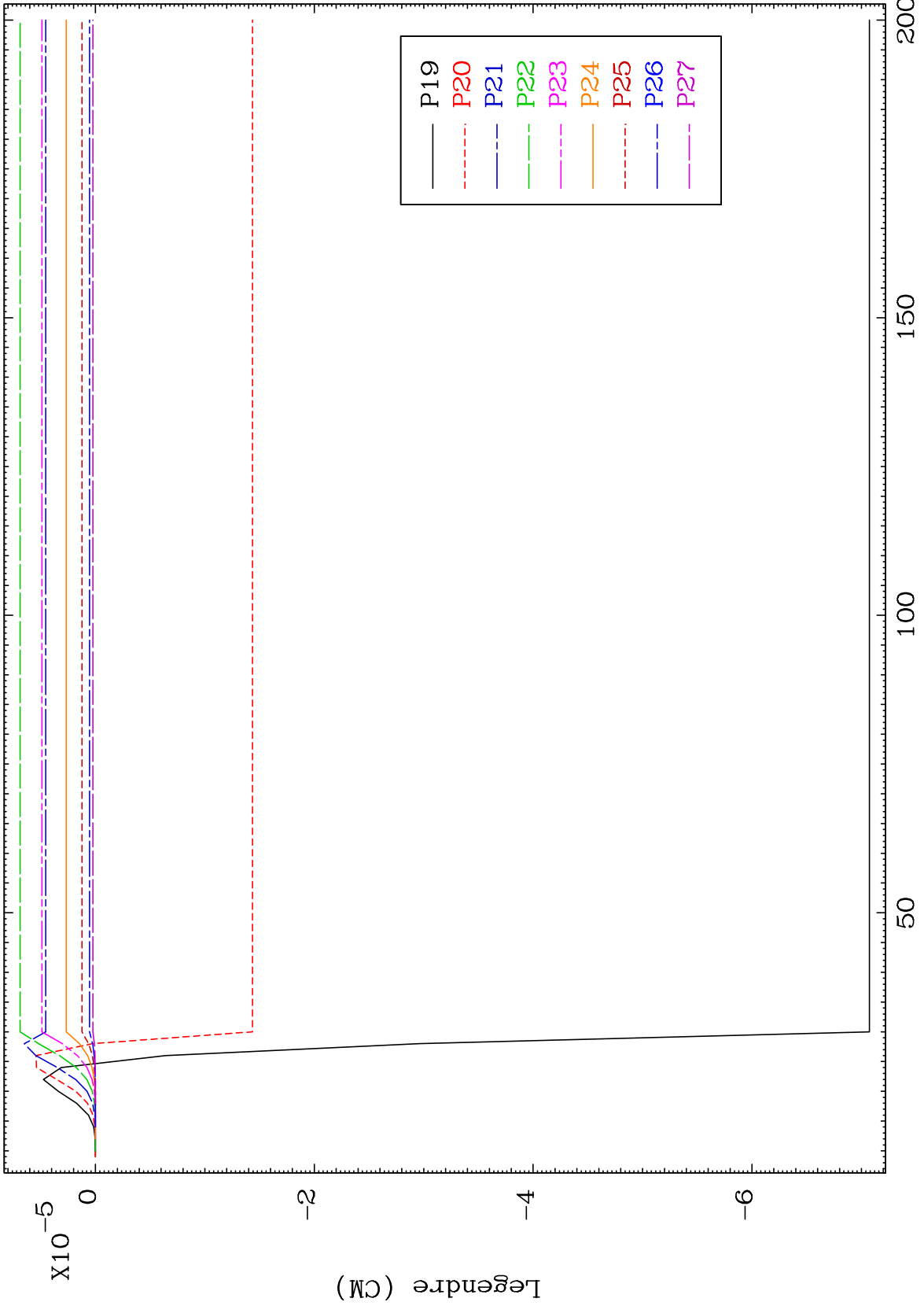


81

Incident Energy (MeV)

40-Zr-100

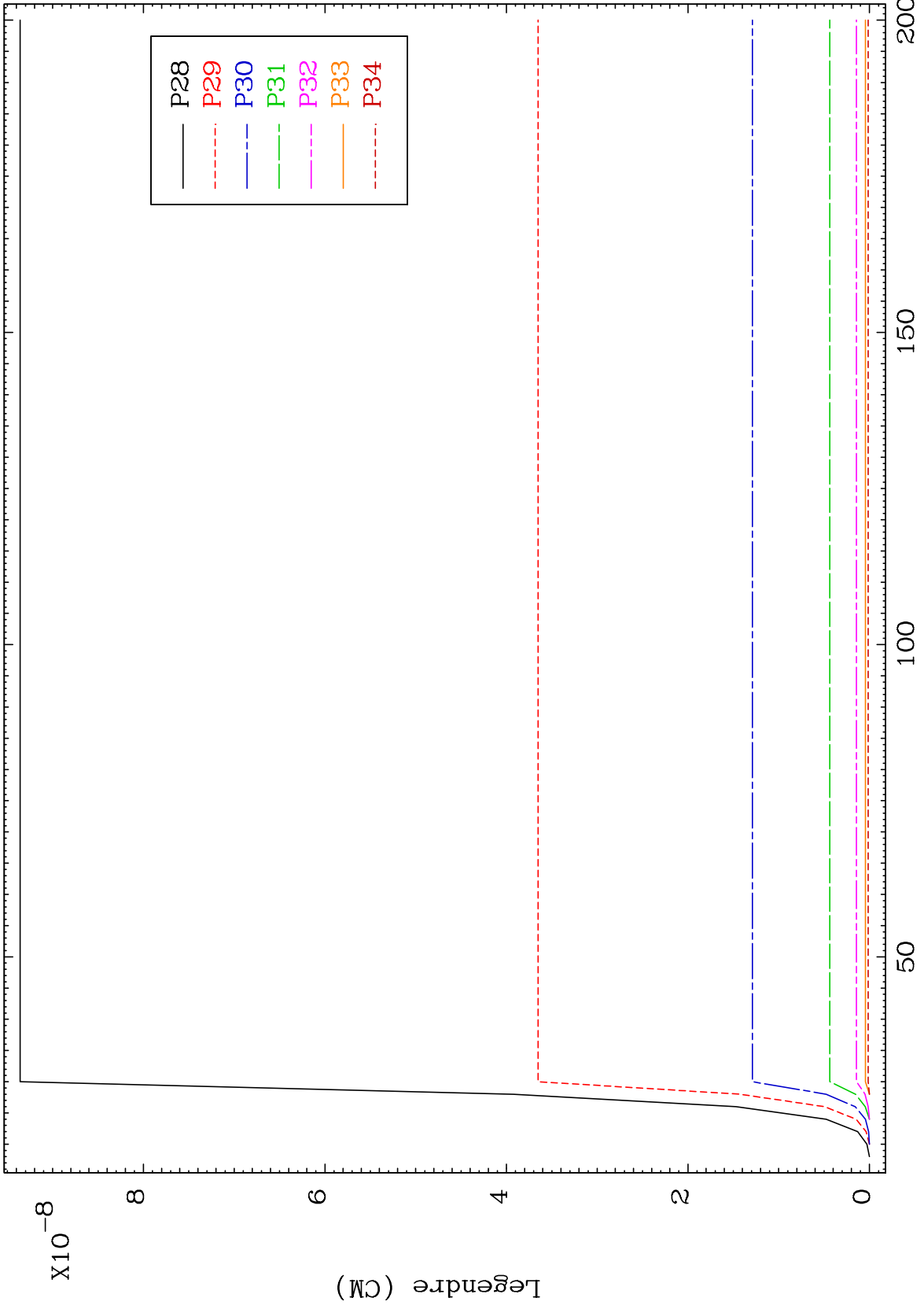
MAT 4055 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055

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

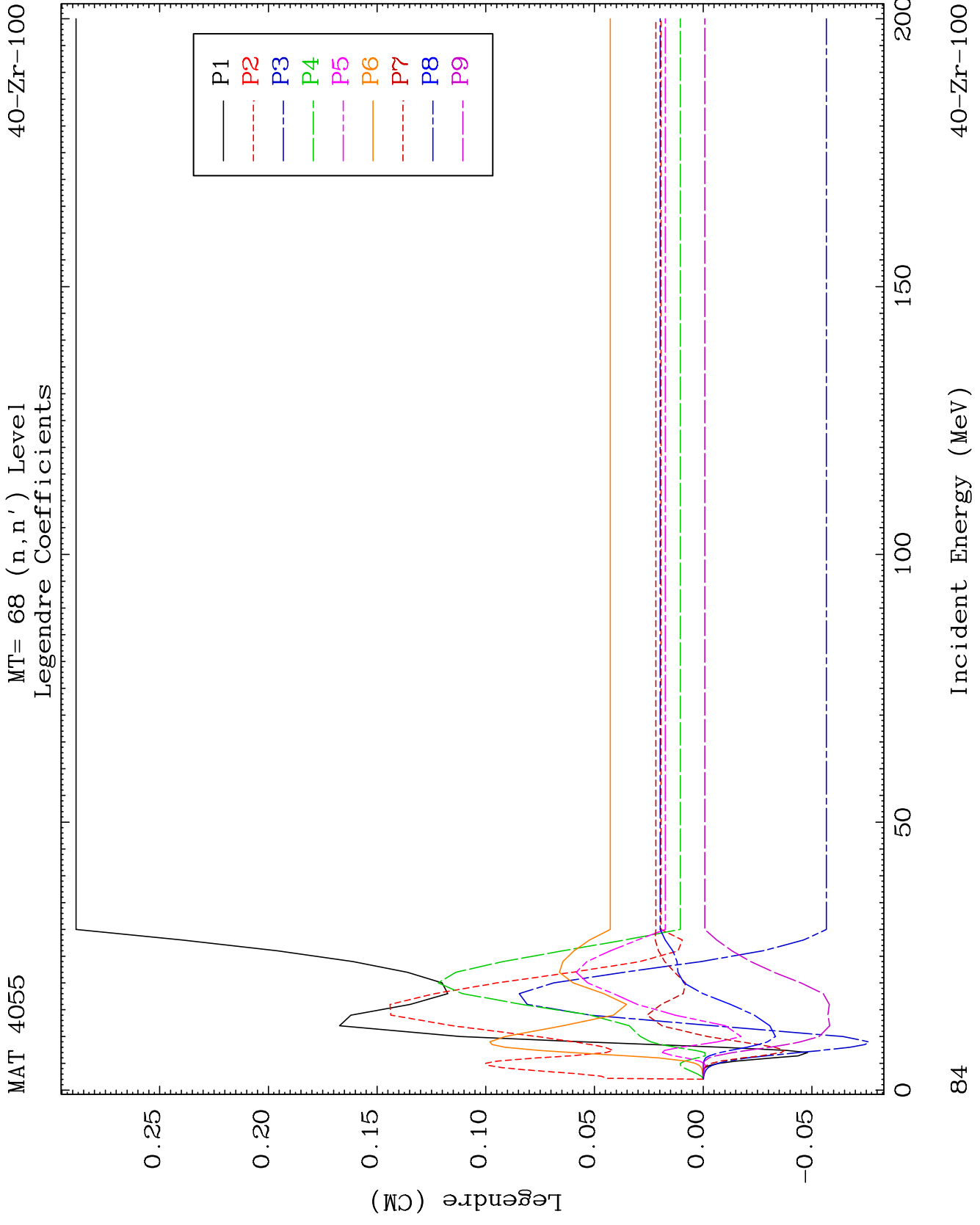
40-Zr-100



83

Incident Energy (MeV)

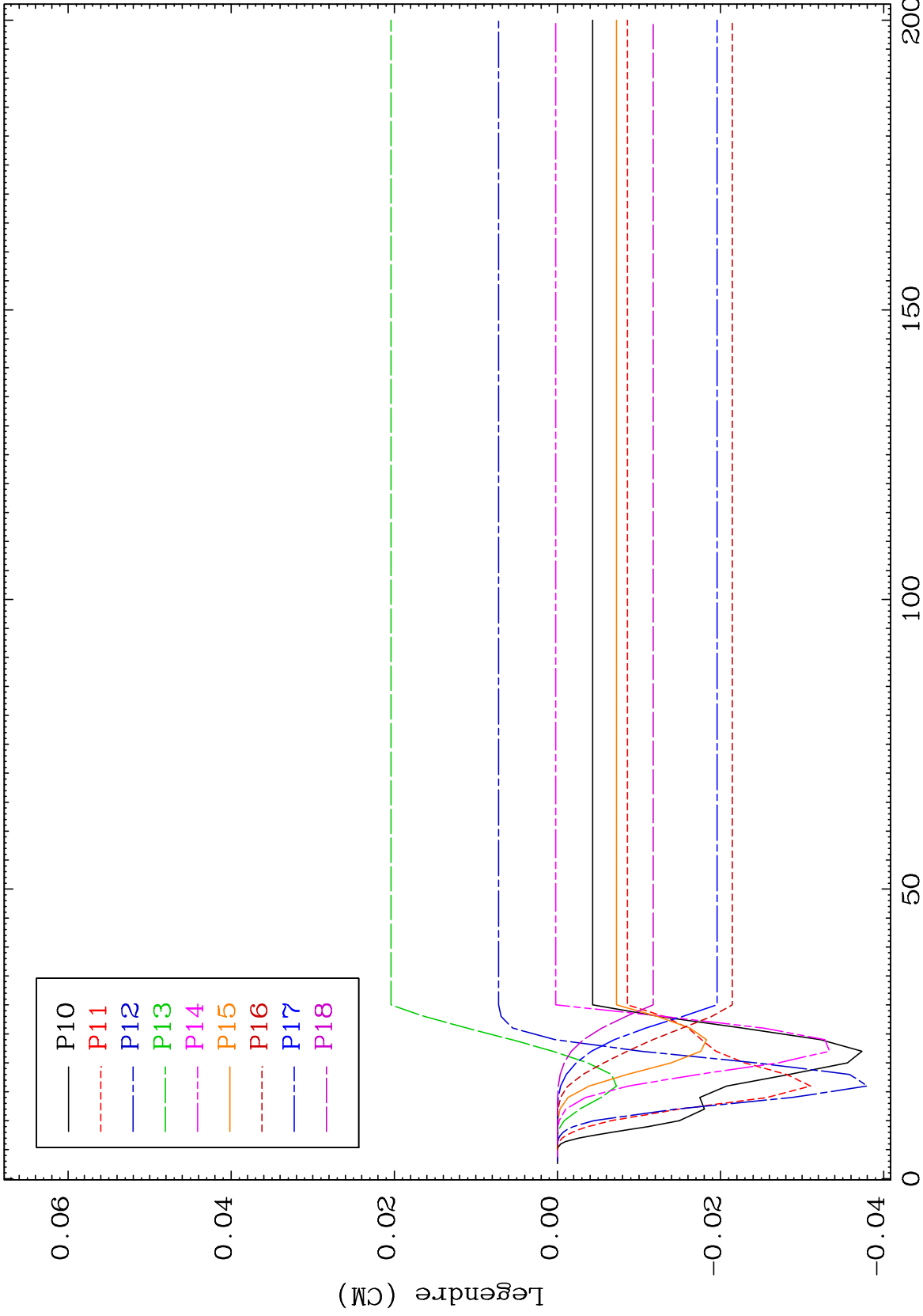
40-Zr-100



MAT 4055

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

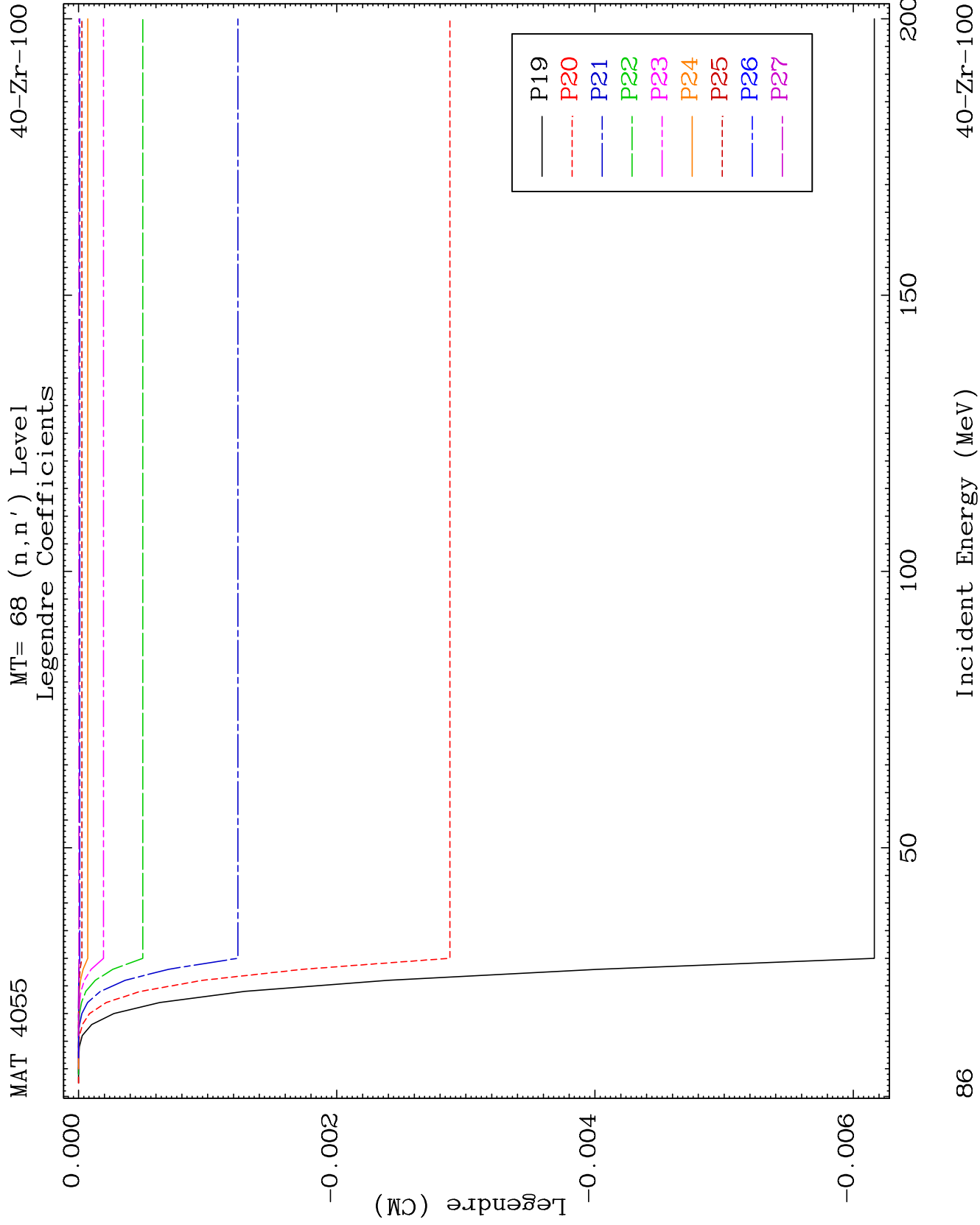
40-Zr-100



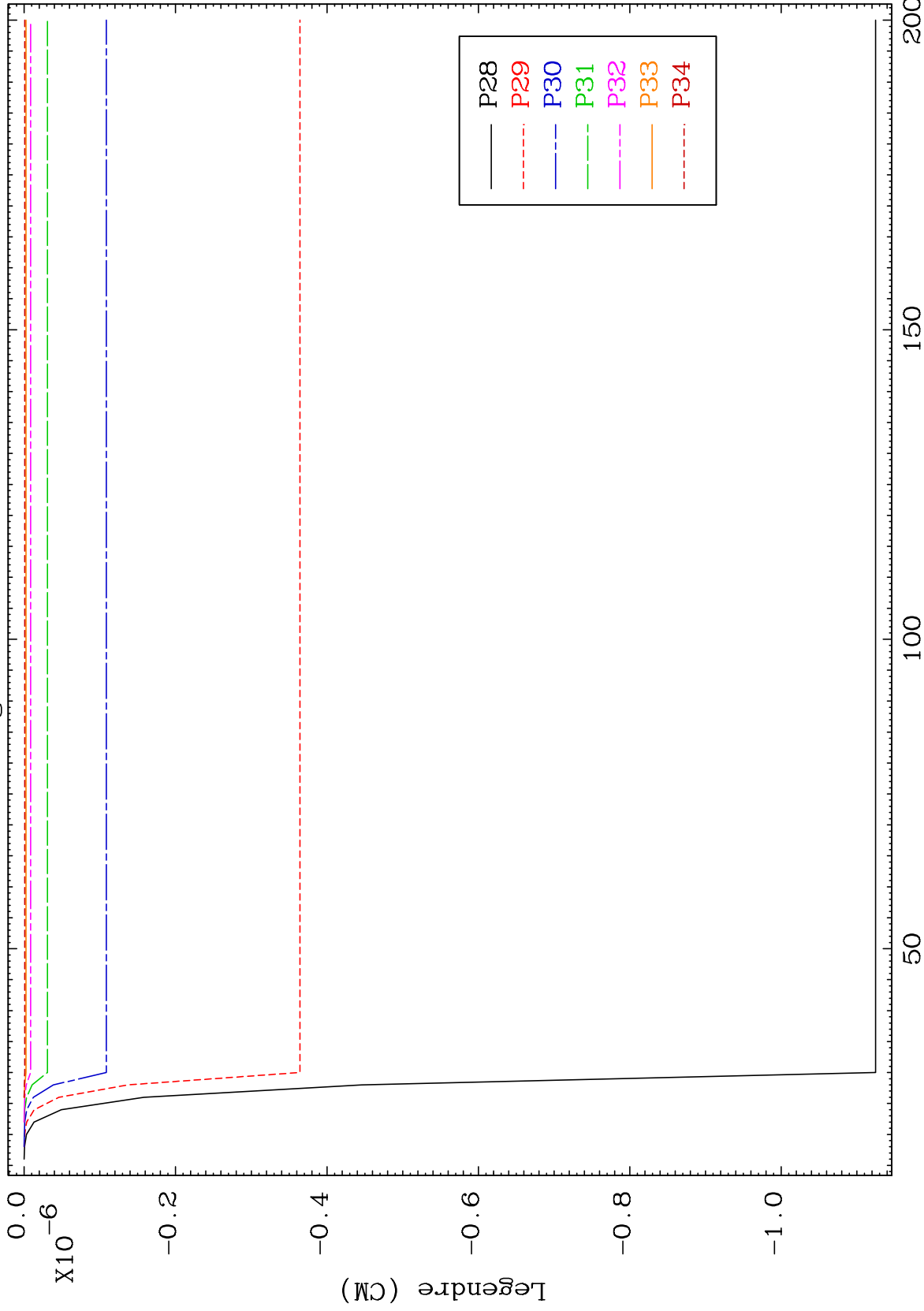
85

Incident Energy (MeV)

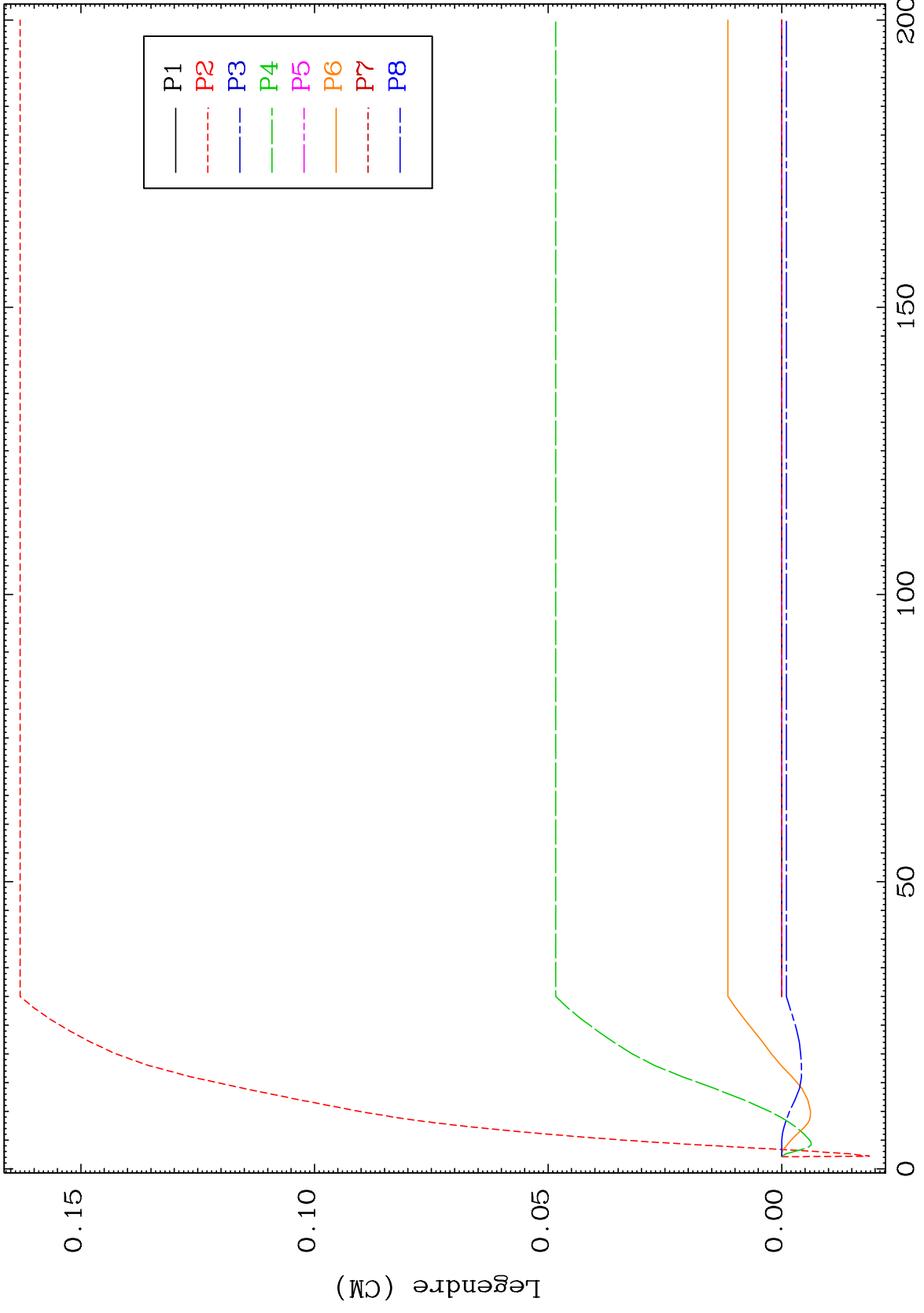
40-Zr-100



MAT 4055 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-100

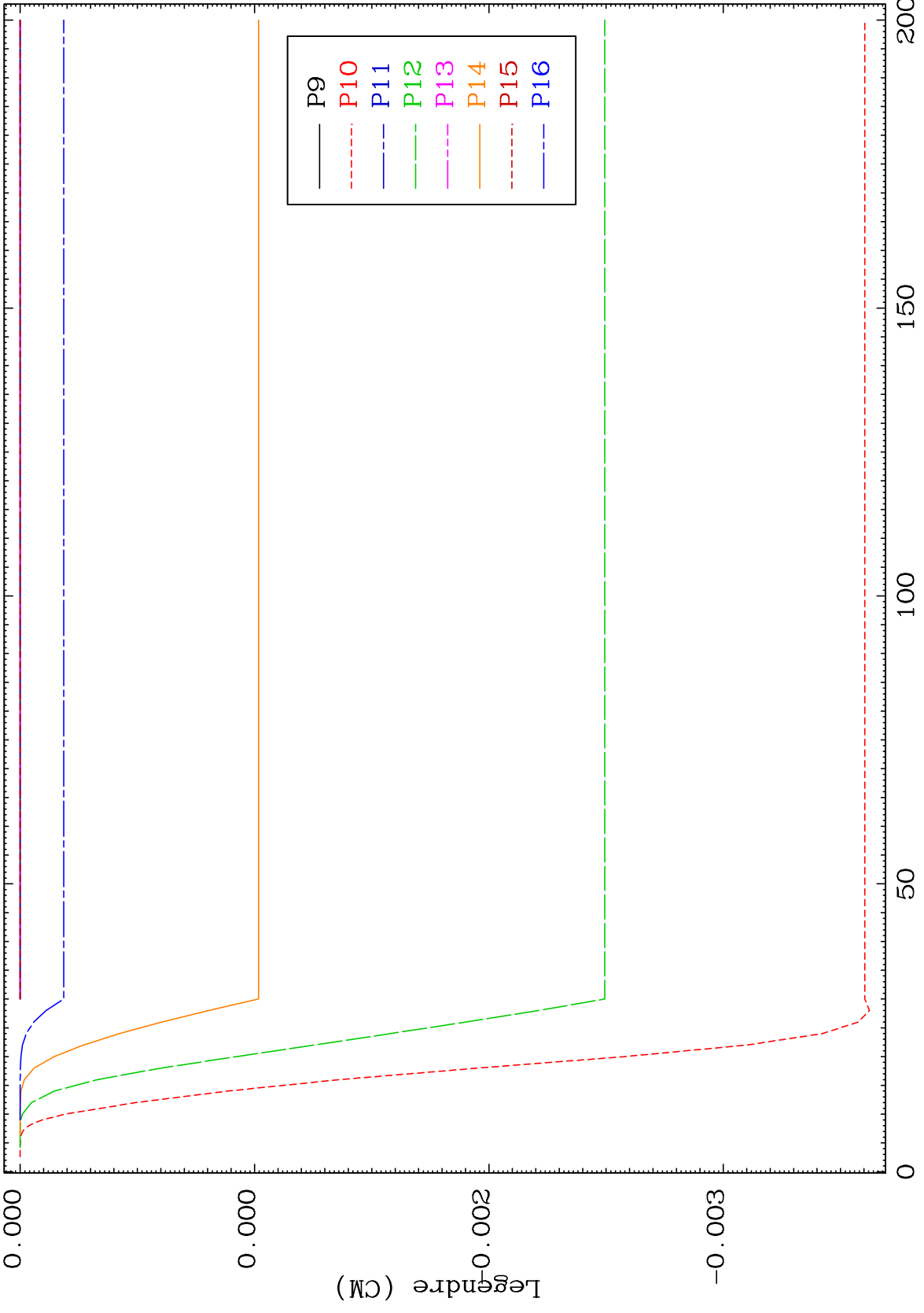


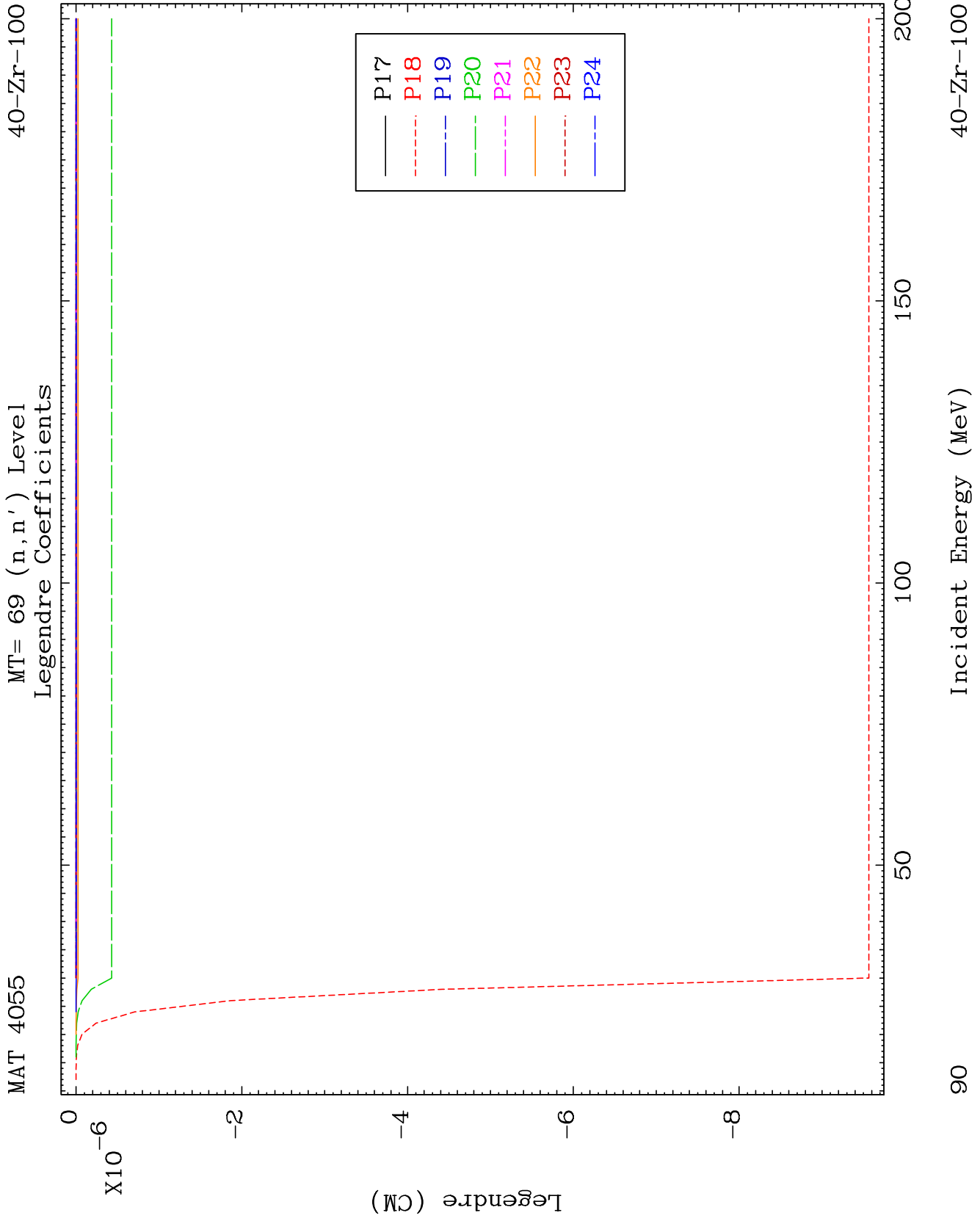
MAT 4055 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-100



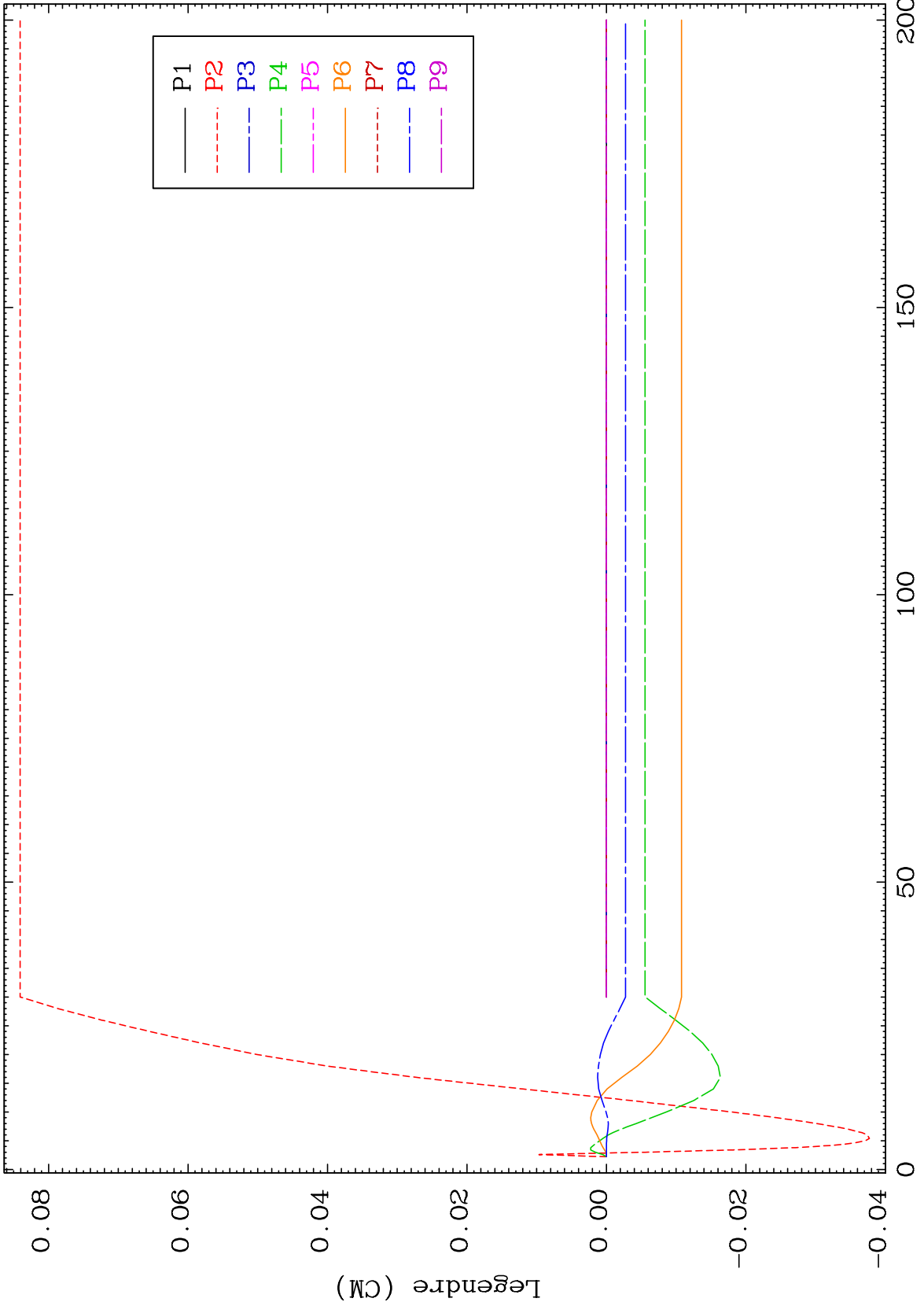
88 Incident Energy (MeV) 40-Zr-100

MAT 4055 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-100



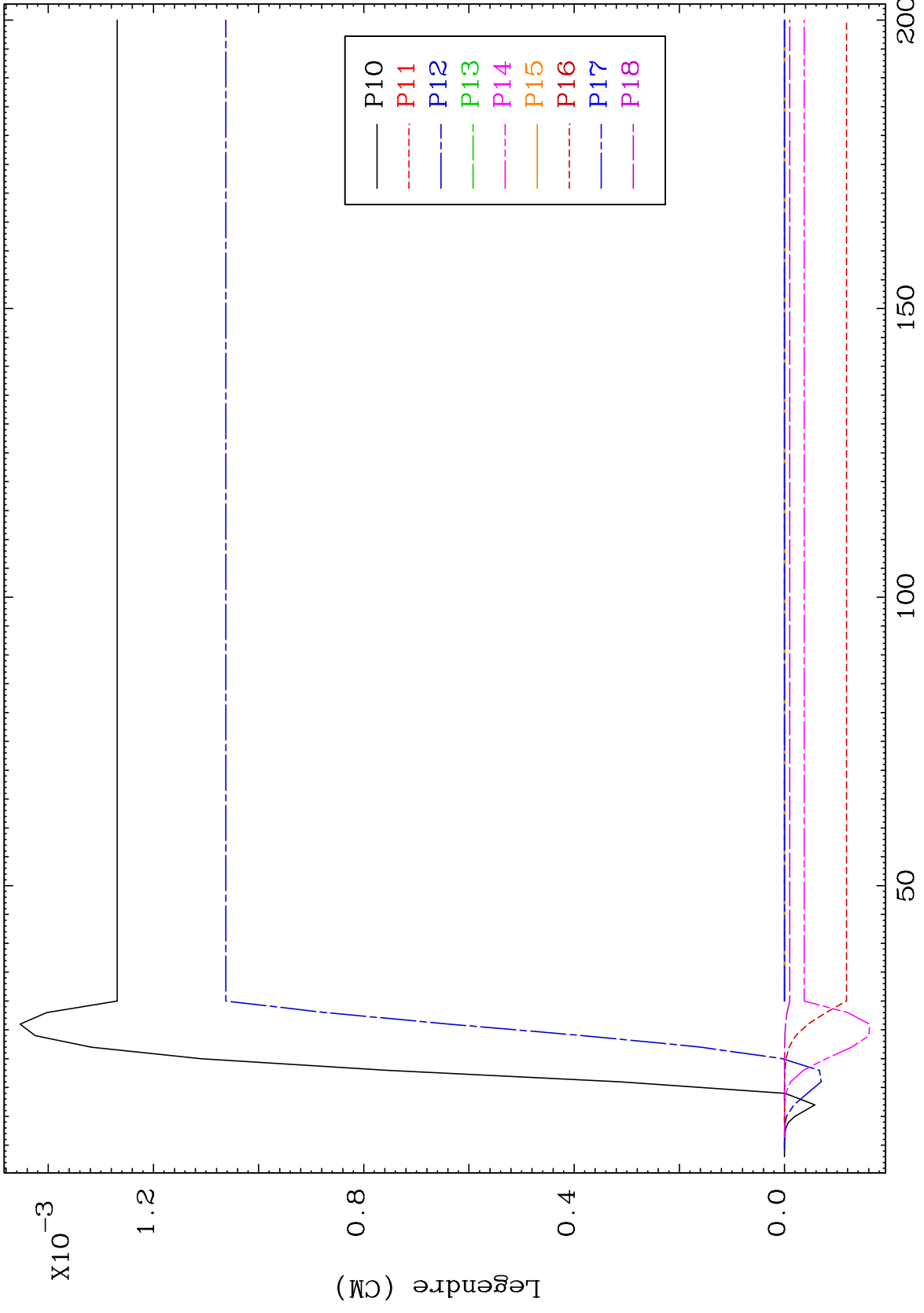


MAT 4055 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-100

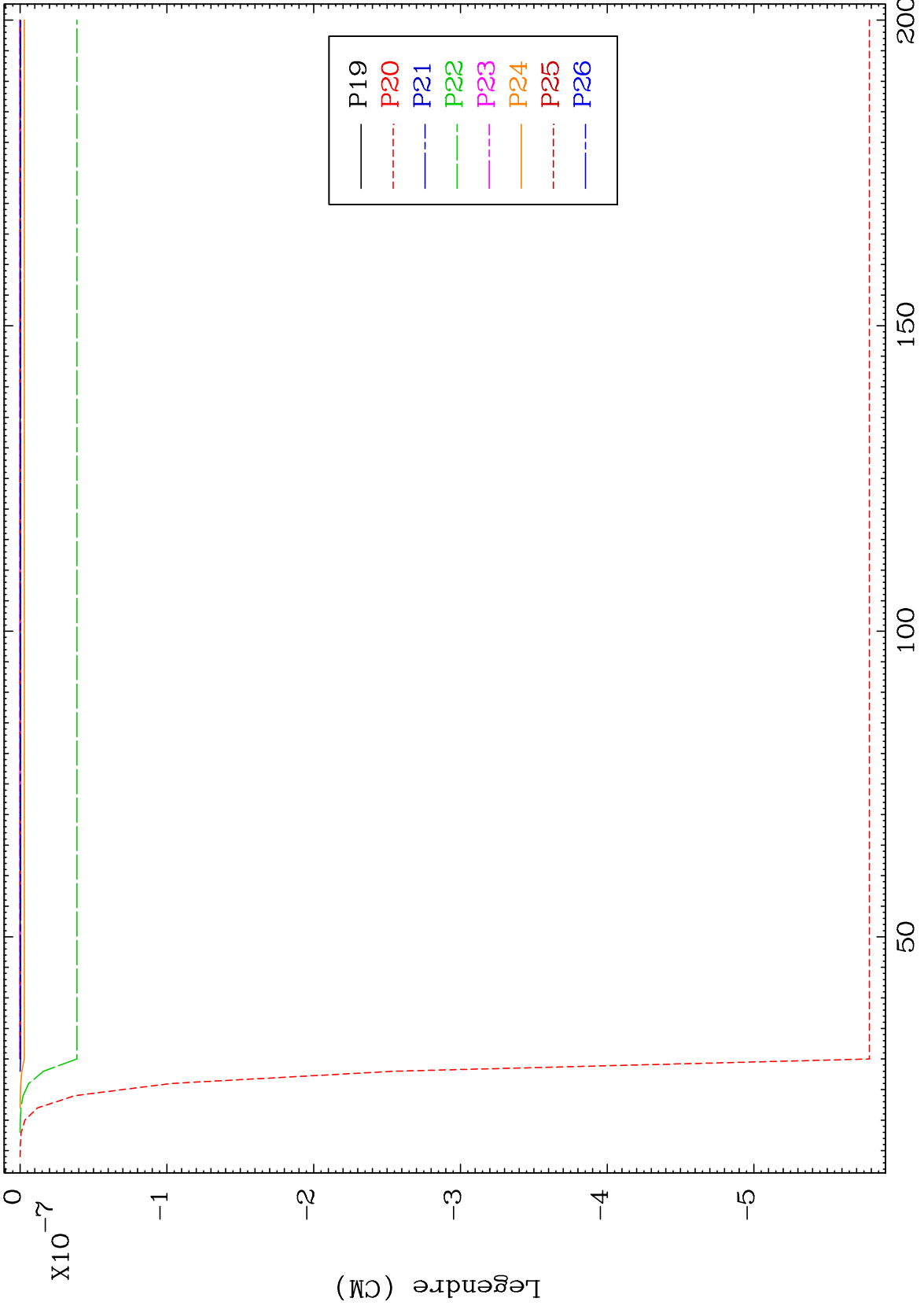


91 Incident Energy (MeV) 40-Zr-100

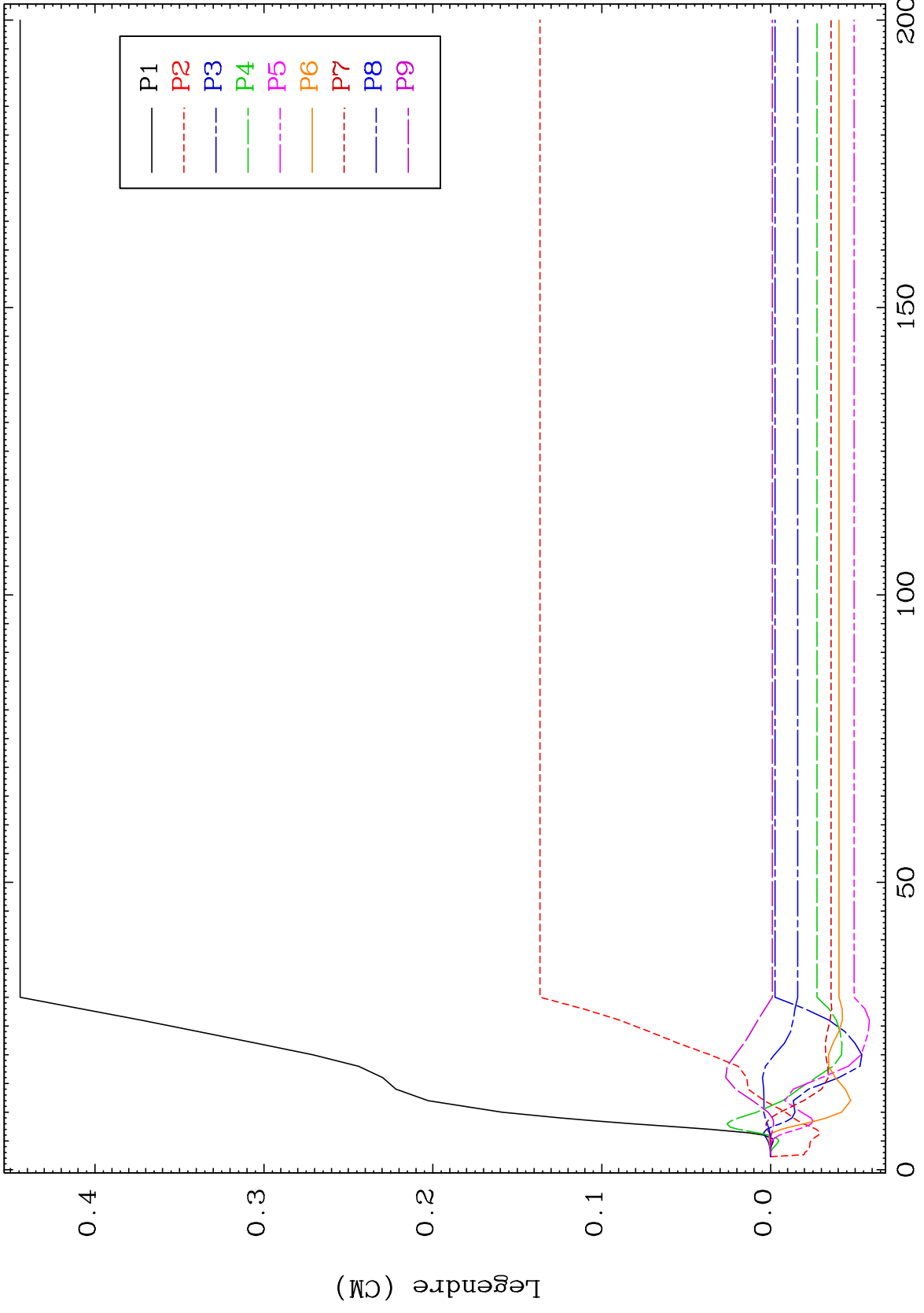
MAT 4055 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-100

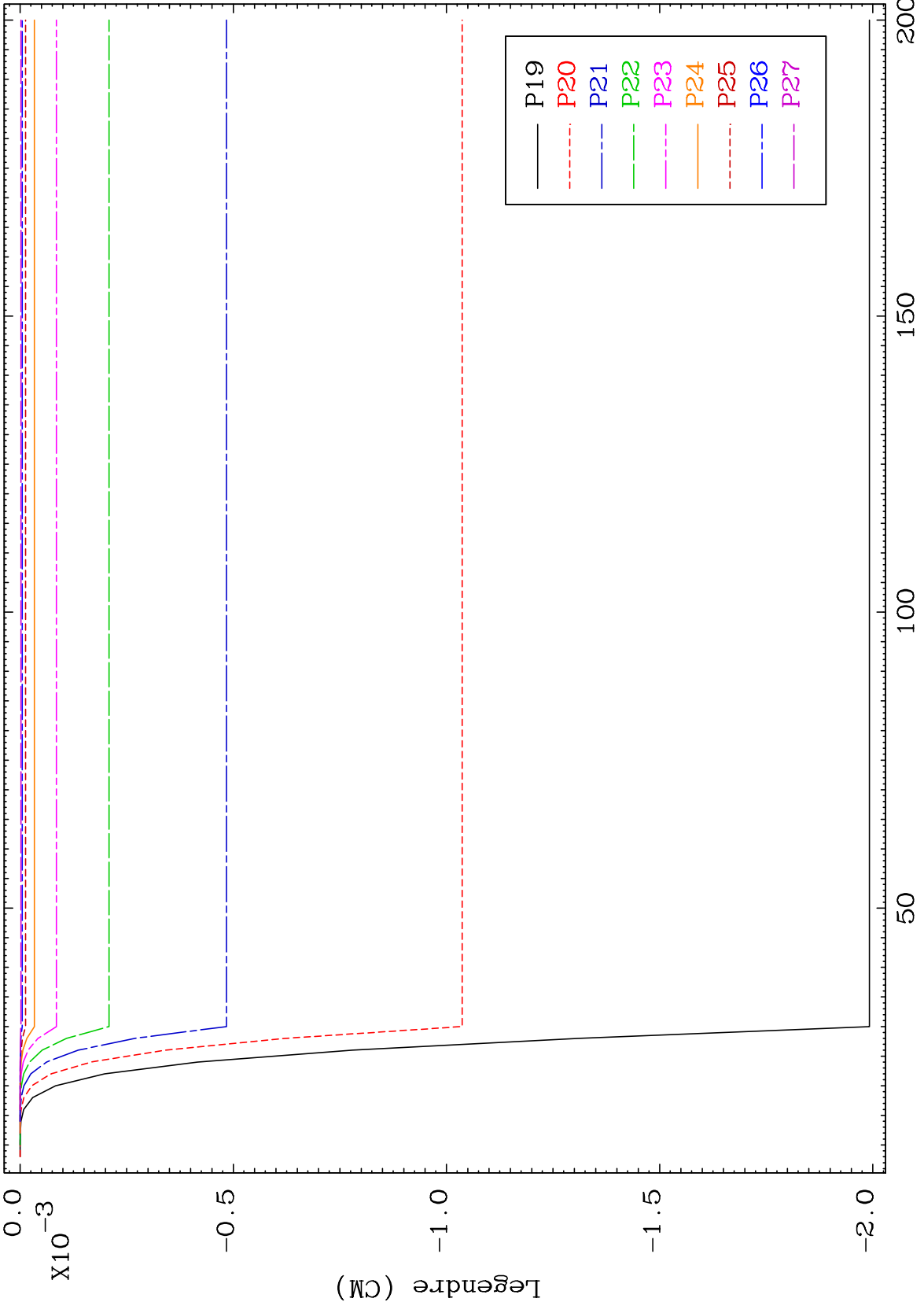


MAT 4055 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-100

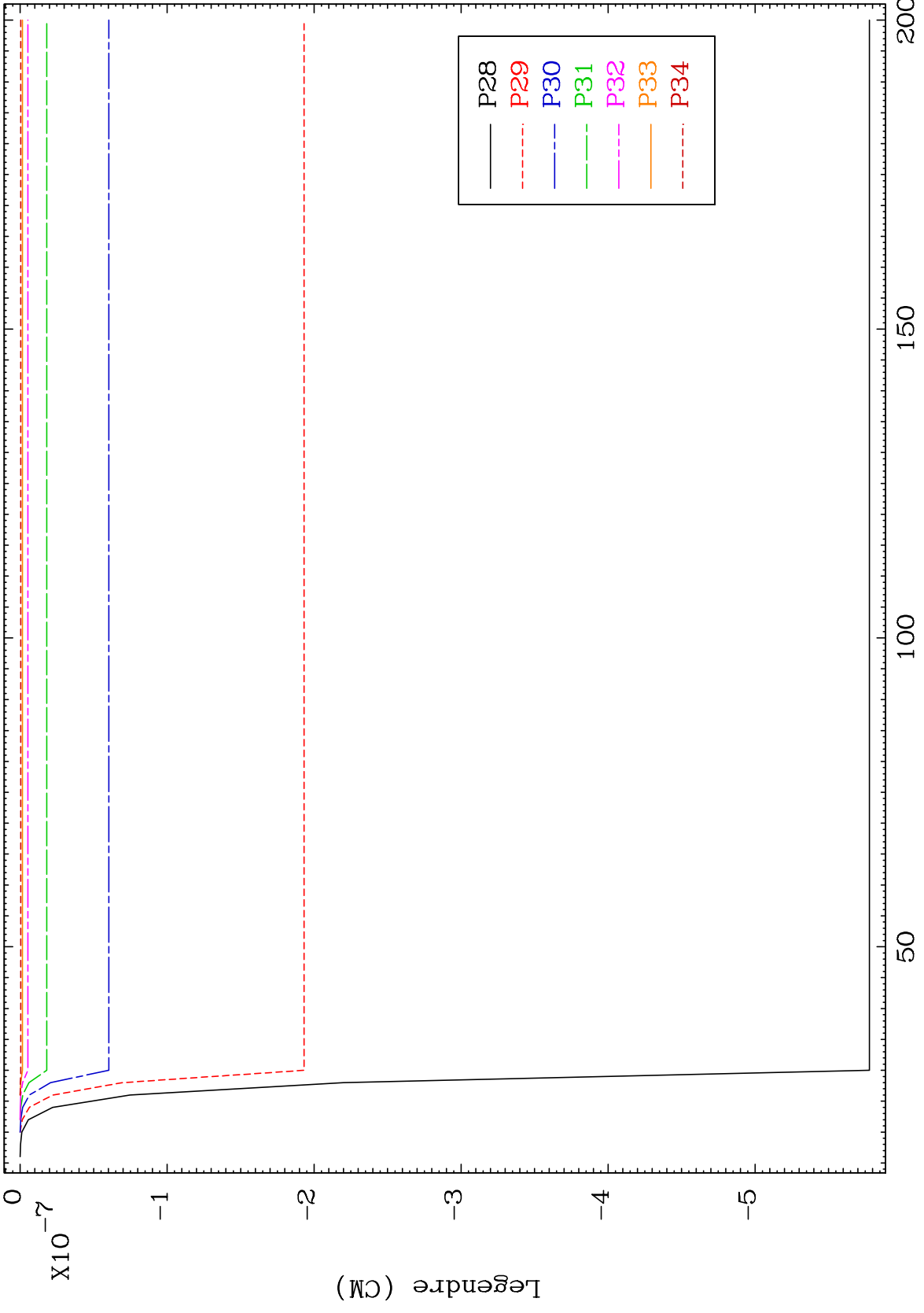


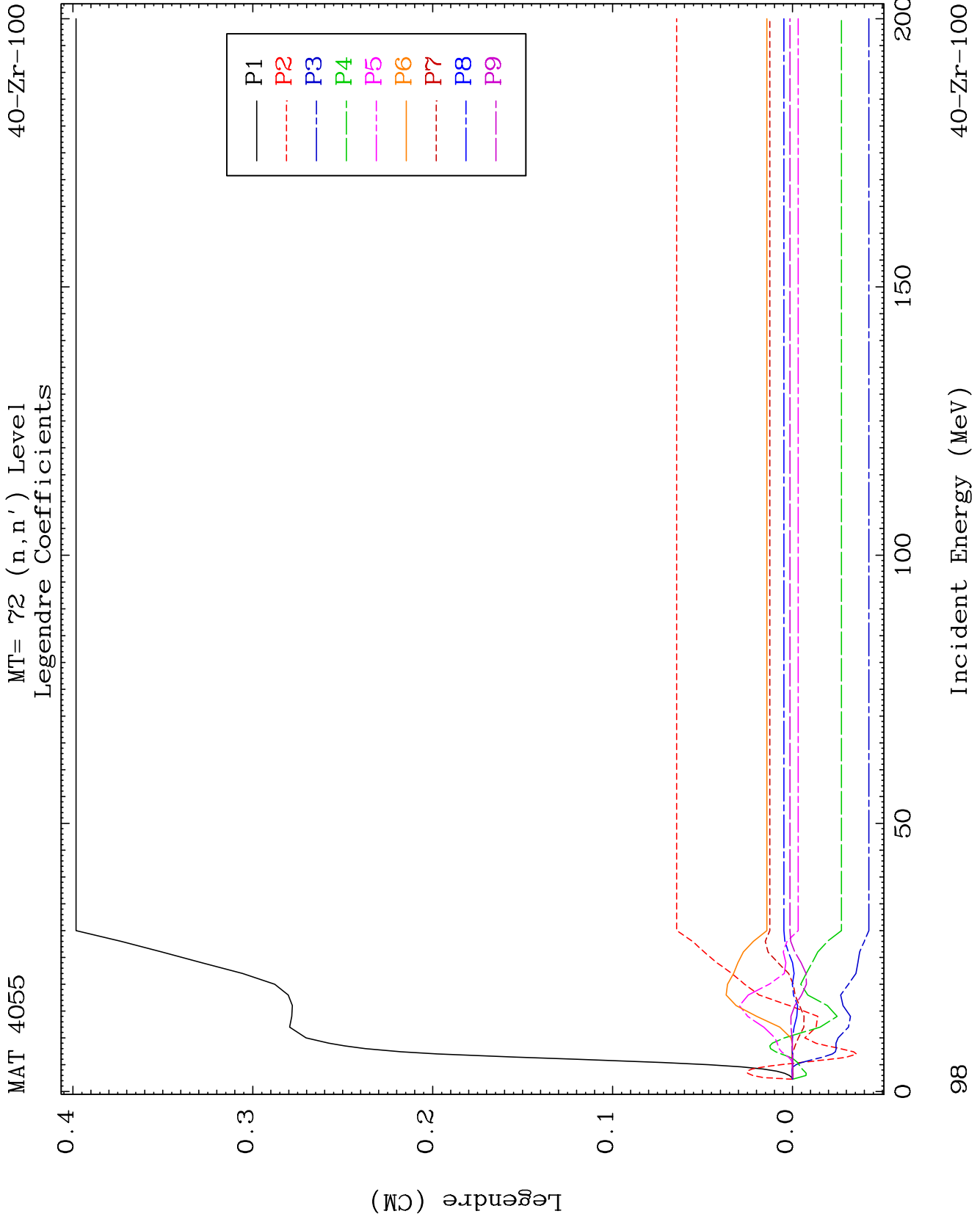
94 40-Zr-100

MAT 4055 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-100

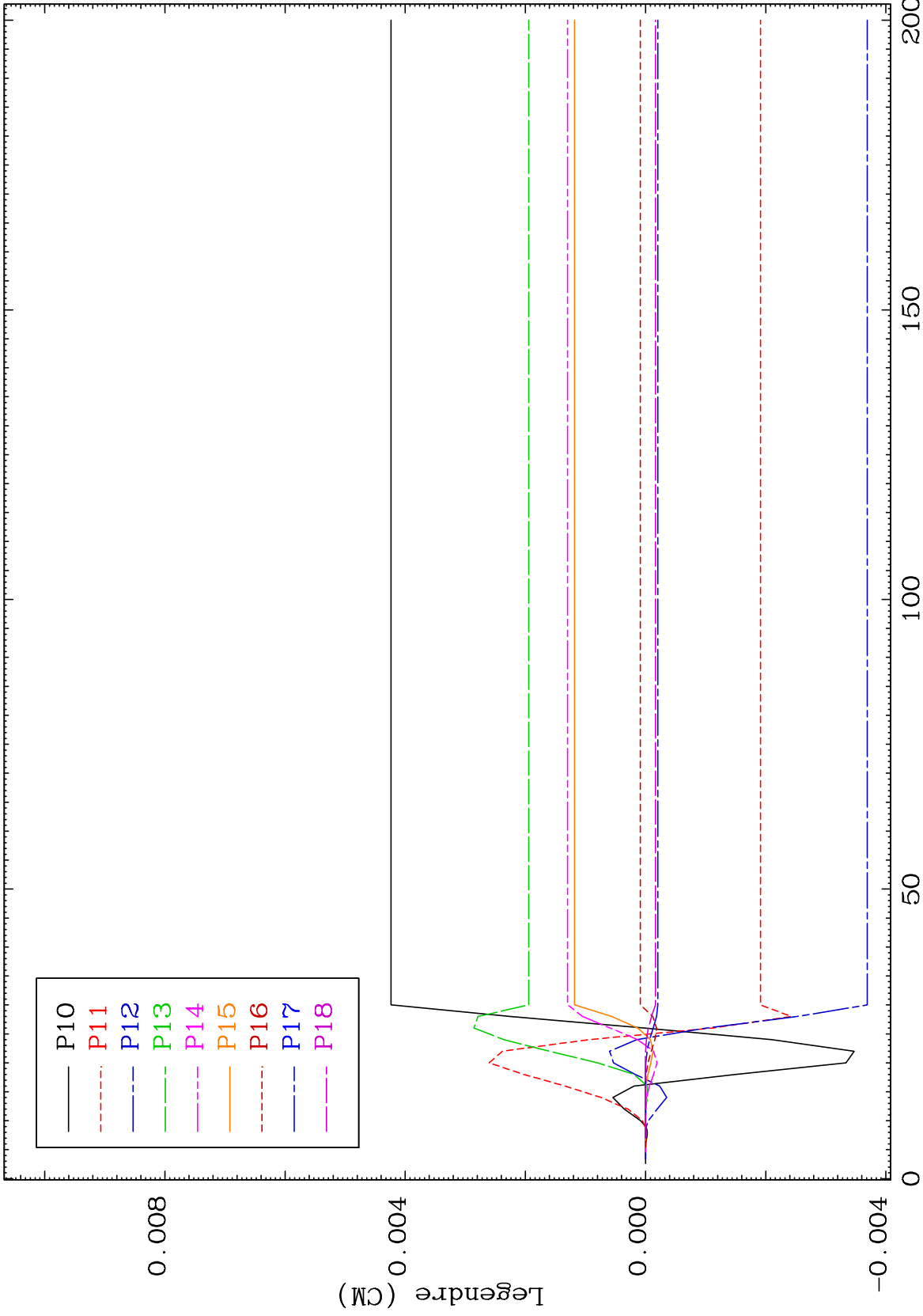




MAT 4055

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

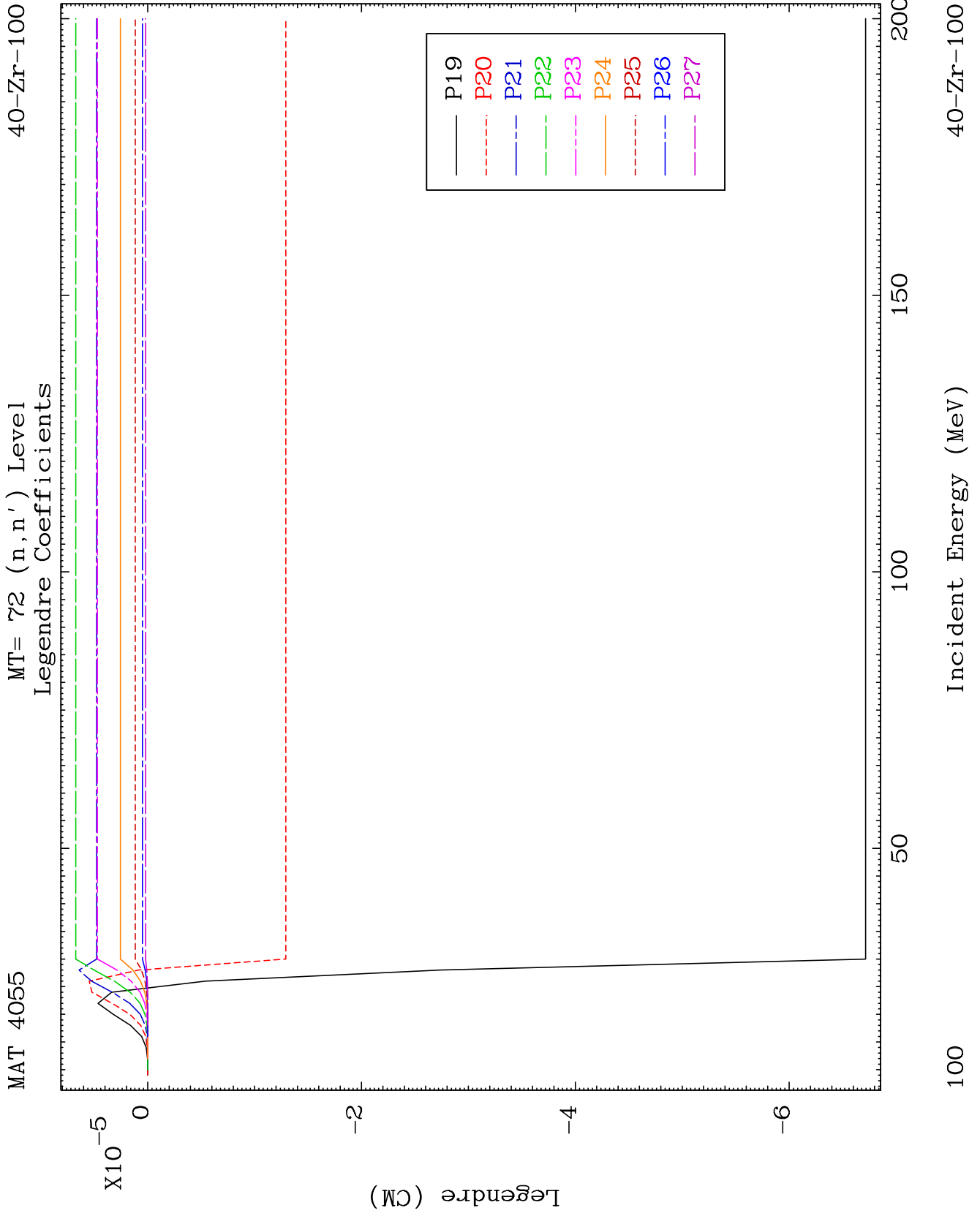
40-Zr-100



99

Incident Energy (MeV)

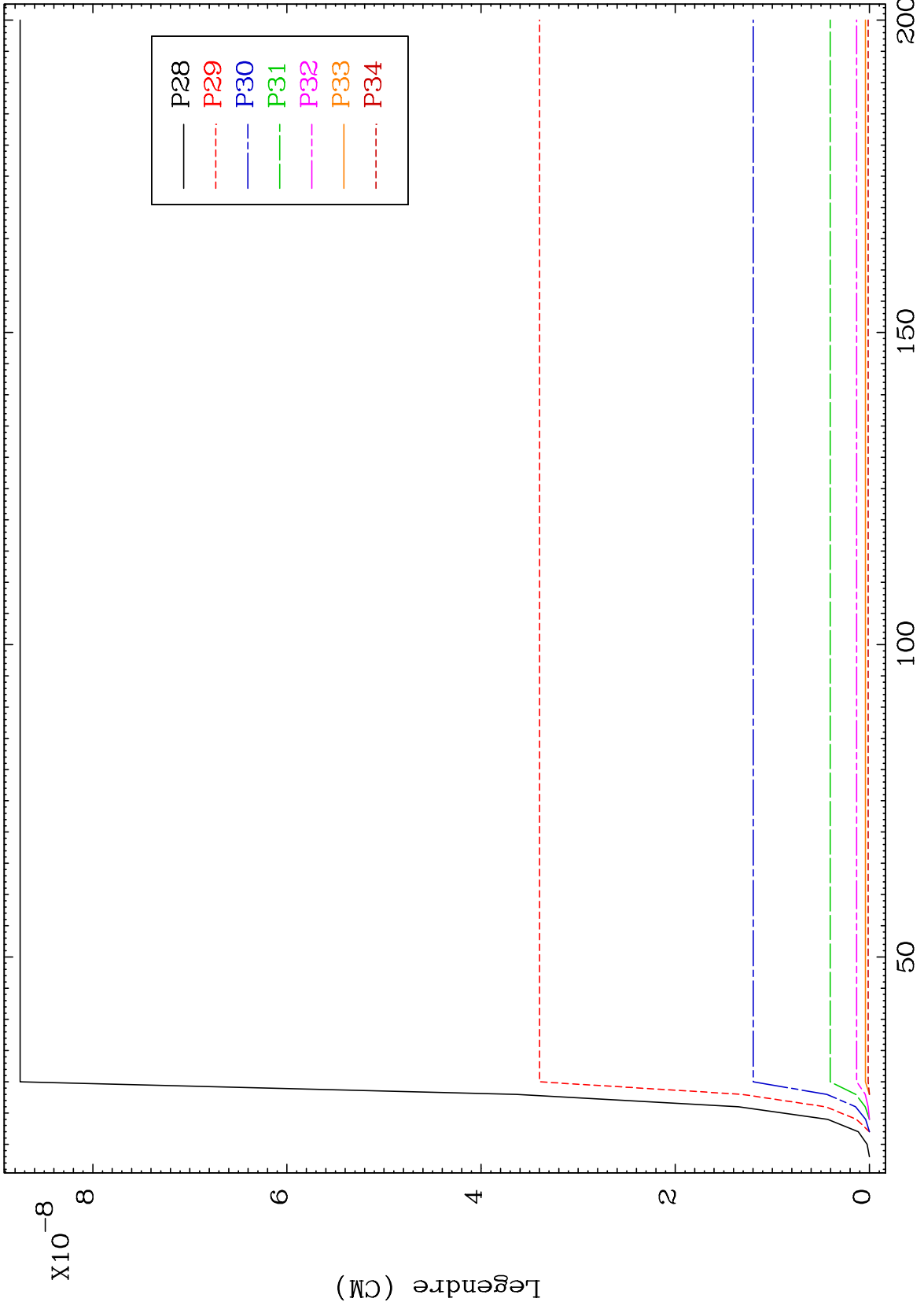
40-Zr-100



MAT 4055

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

40-Zr-100

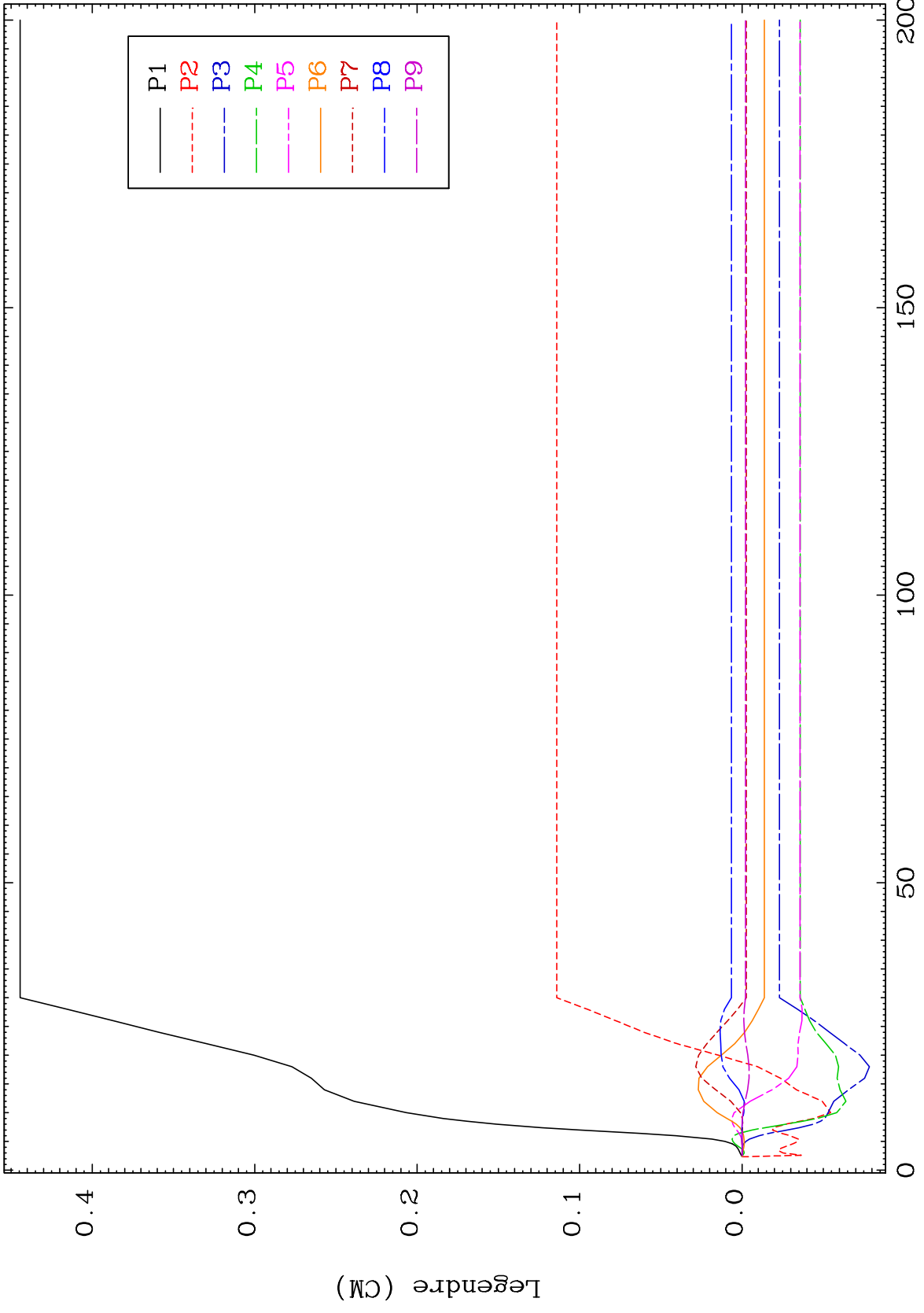


101

Incident Energy (MeV)

40-Zr-100

MAT 4055 MT= 73 (n,n') Level Legendre Coefficients 40-Zr-100

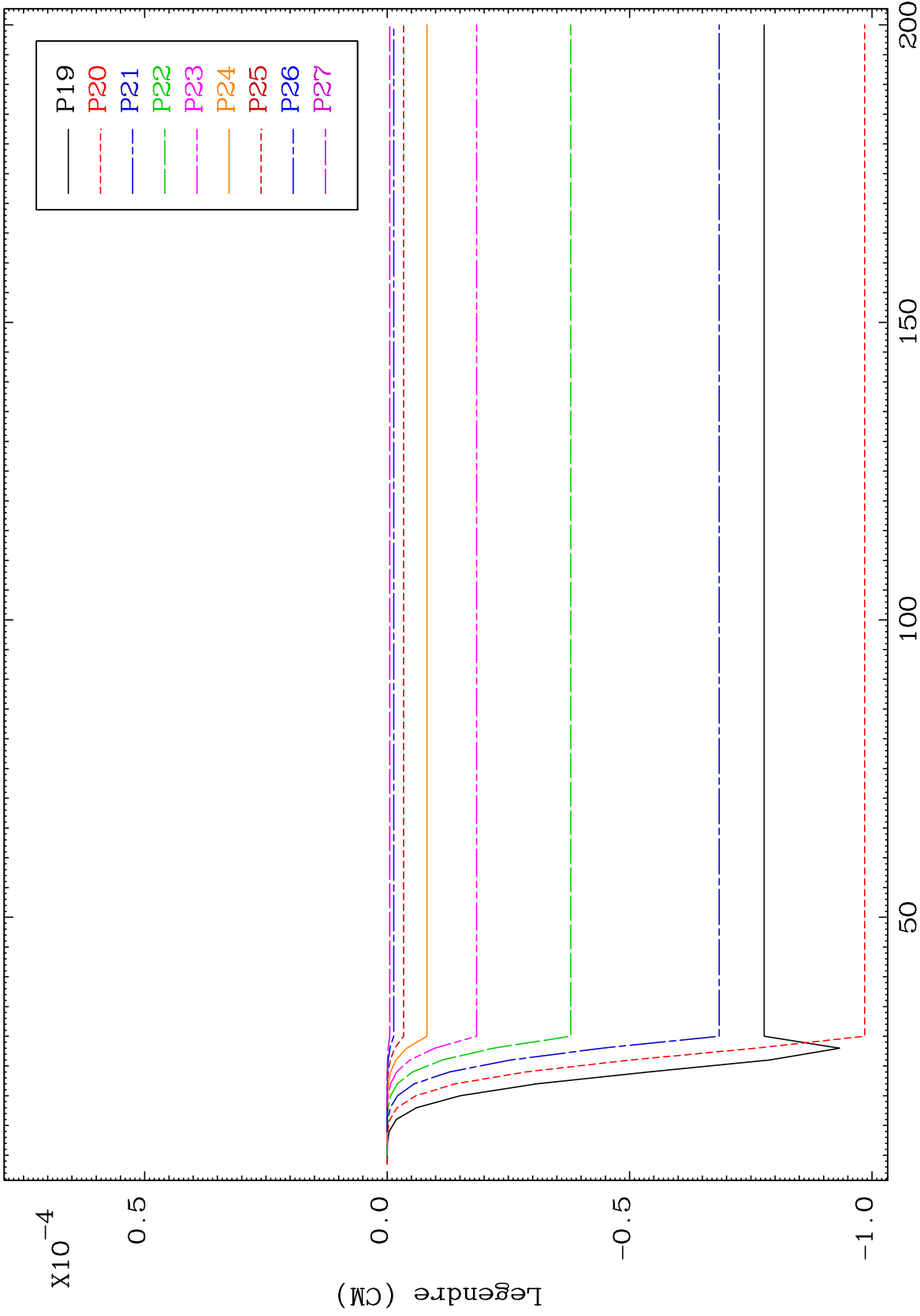


Legendre (CM) Incident Energy (MeV) 102 40-Zr-100

MAT 4055

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

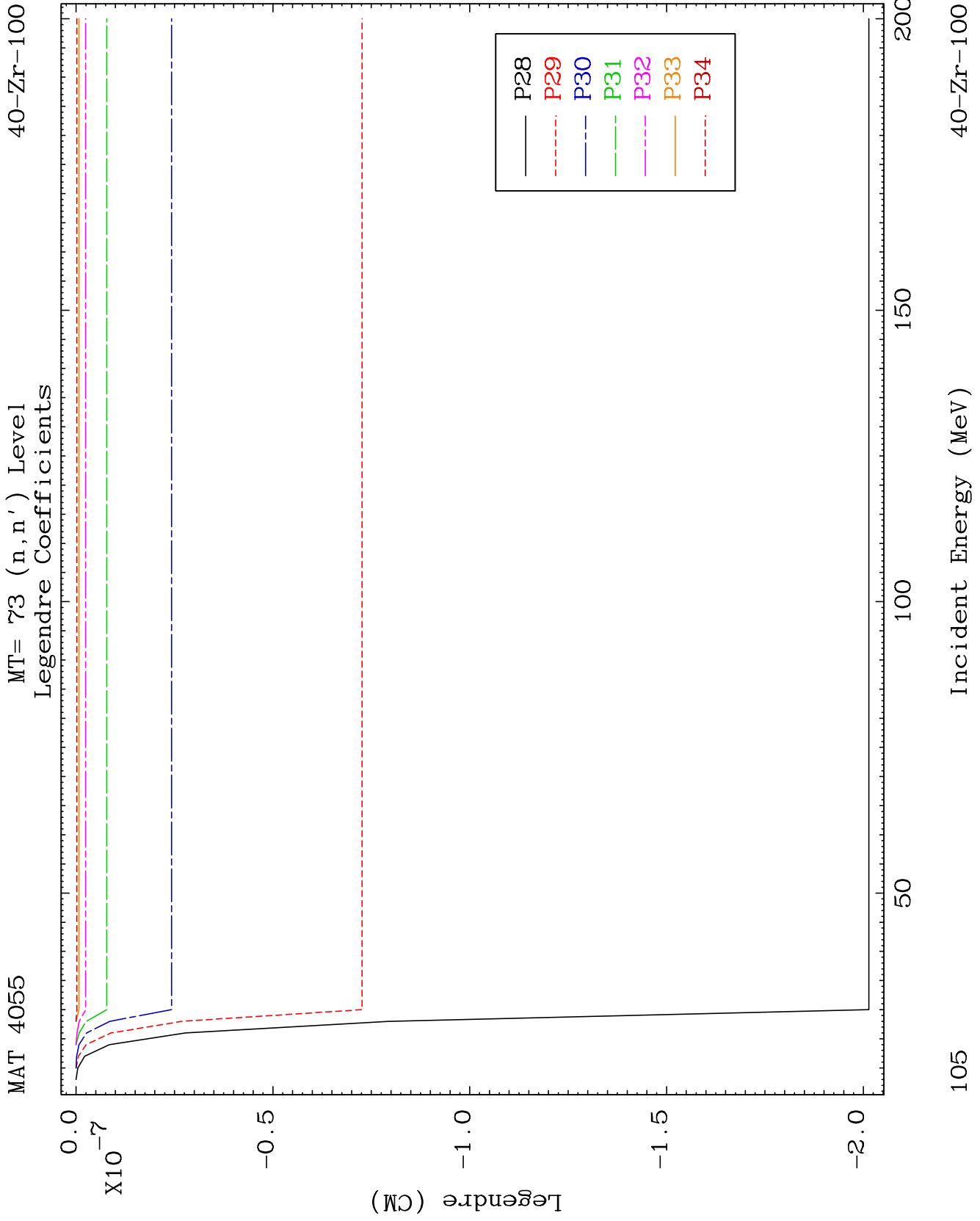
40-Zr-100



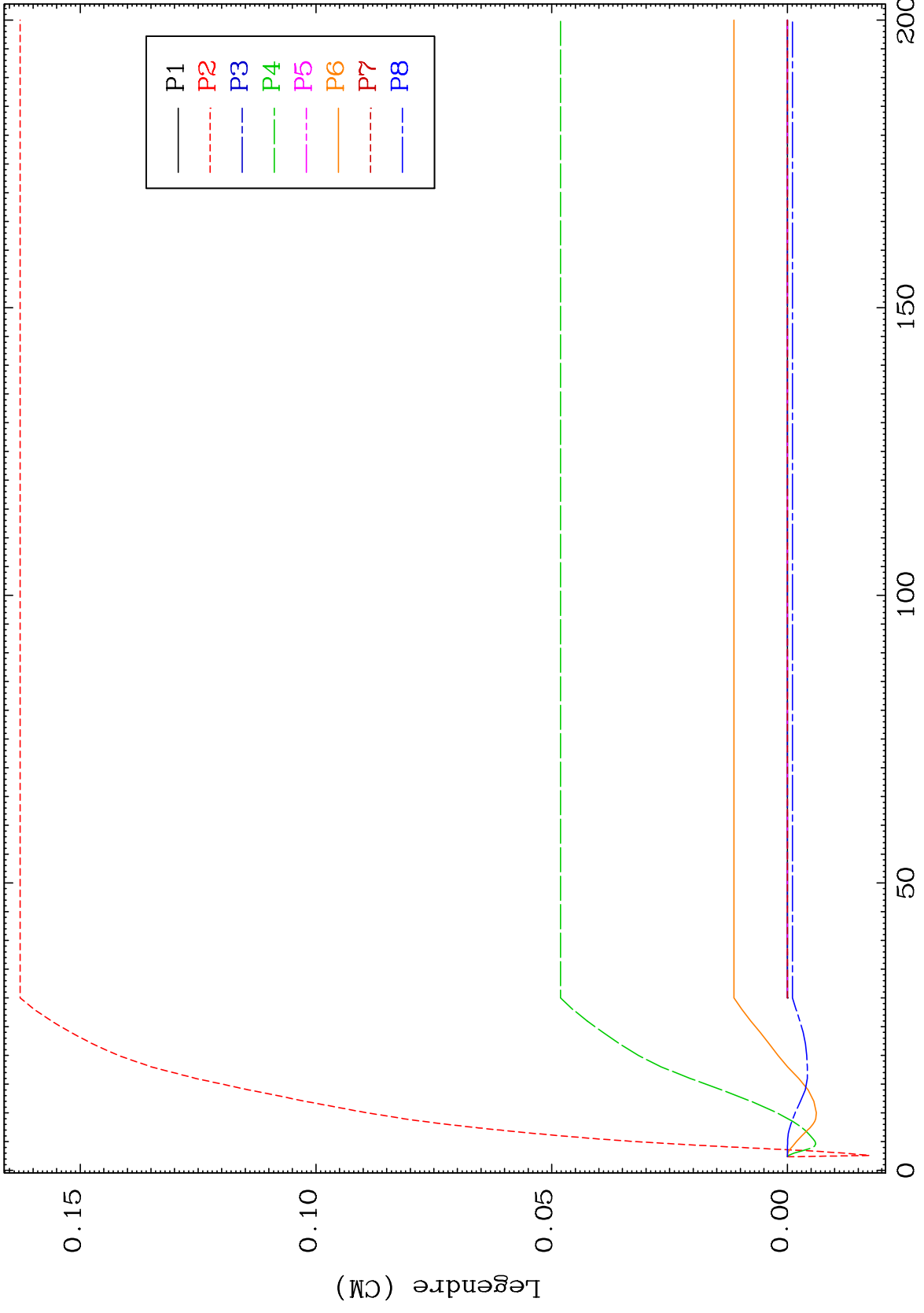
104

Incident Energy (MeV)

40-Zr-100



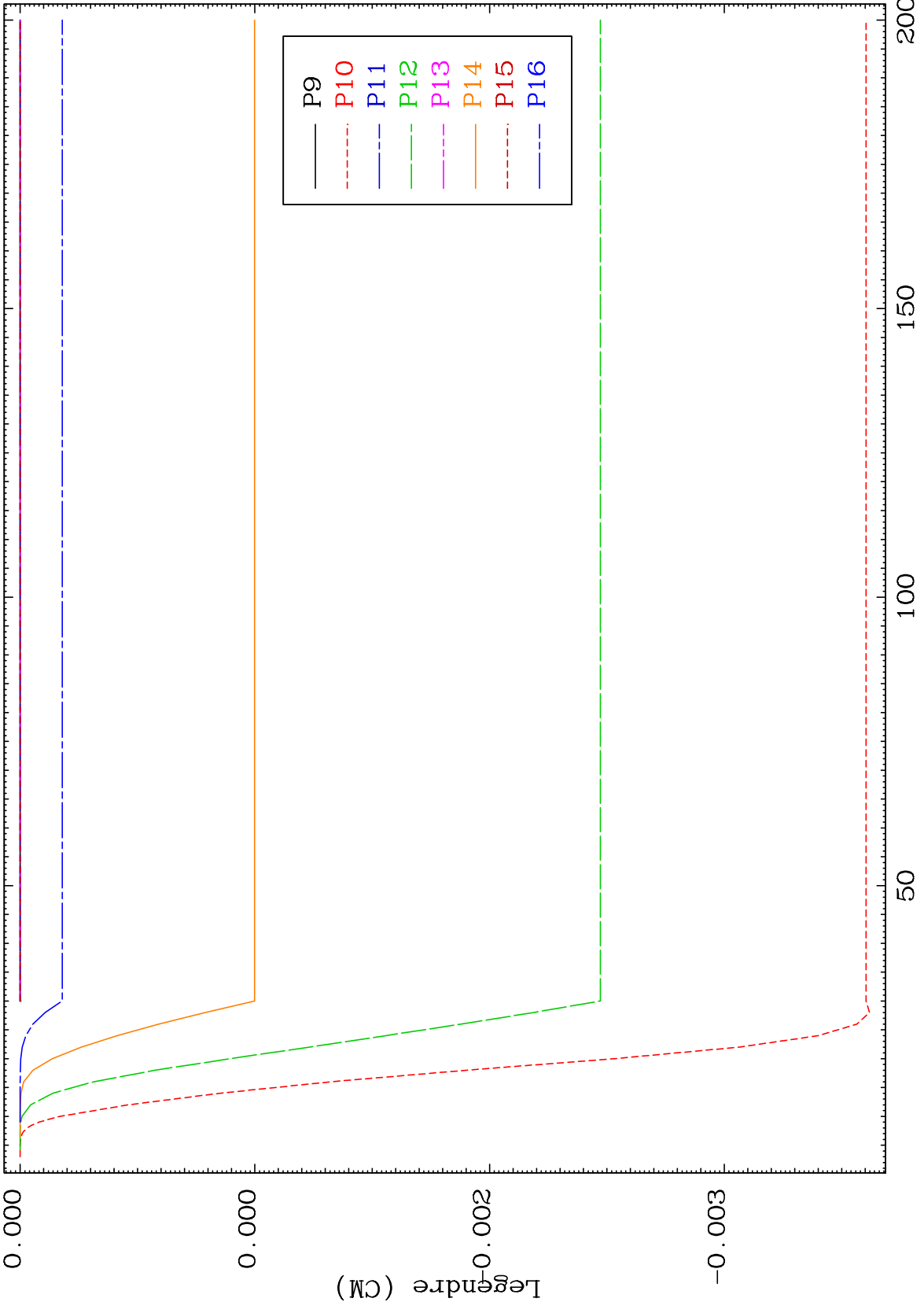
MAT 4055 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-100



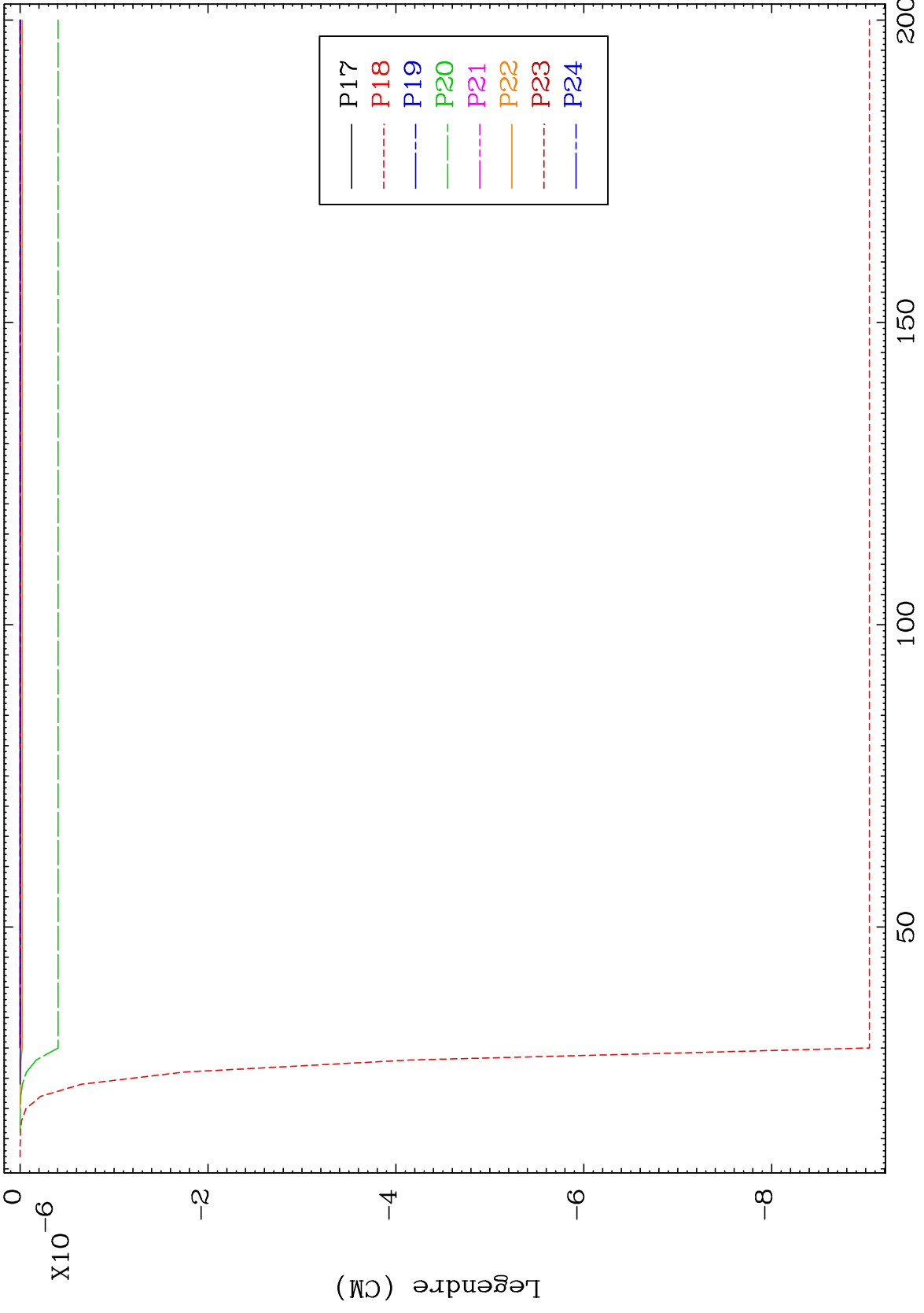
Legendre (CM) Incident Energy (MeV) 40-Zr-100

P1
P2
P3
P4
P5
P6
P7
P8

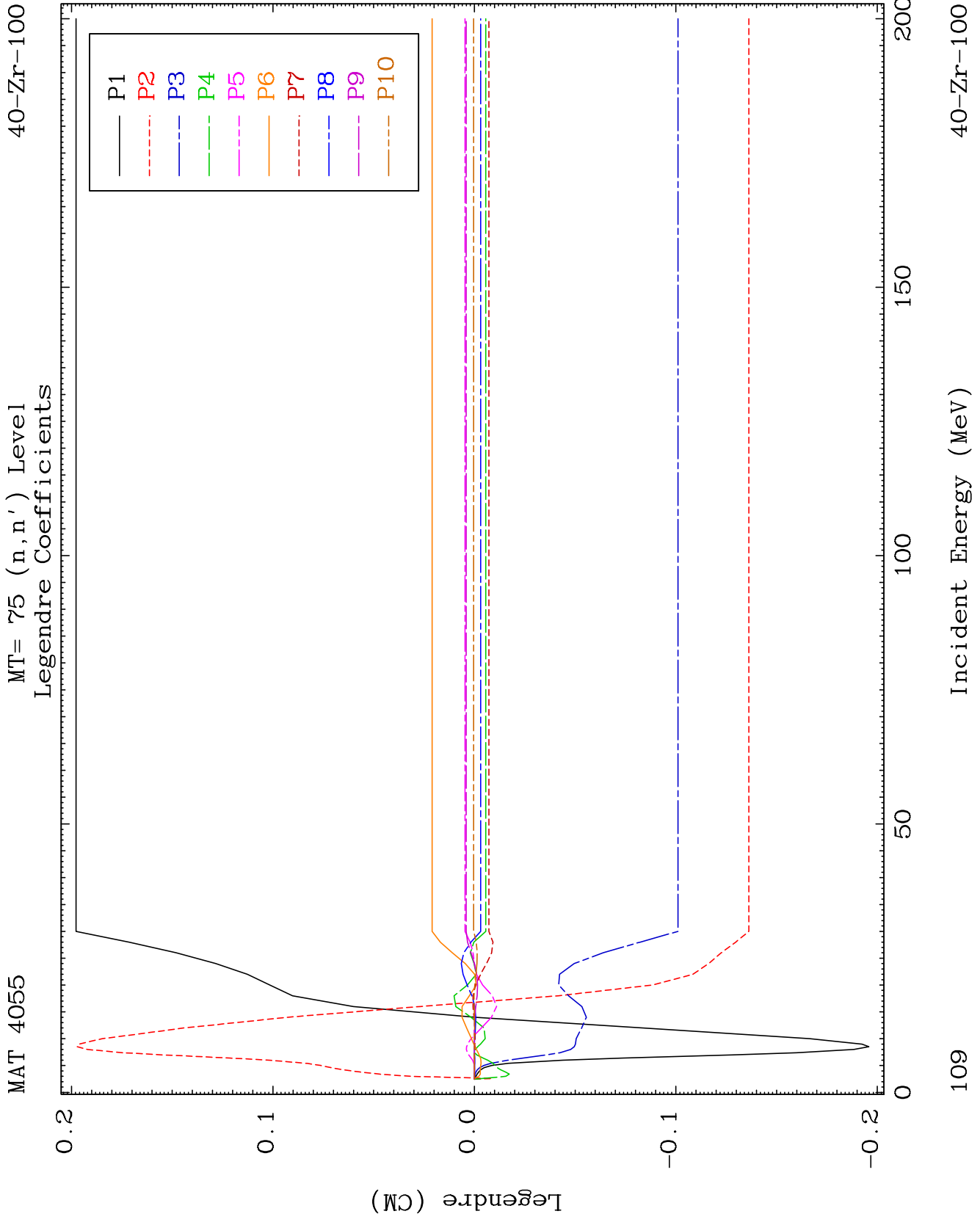
MAT 4055 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-100



MAT 4055 MT= 74 (n,n') Level Legendre Coefficients 40-Zr-100



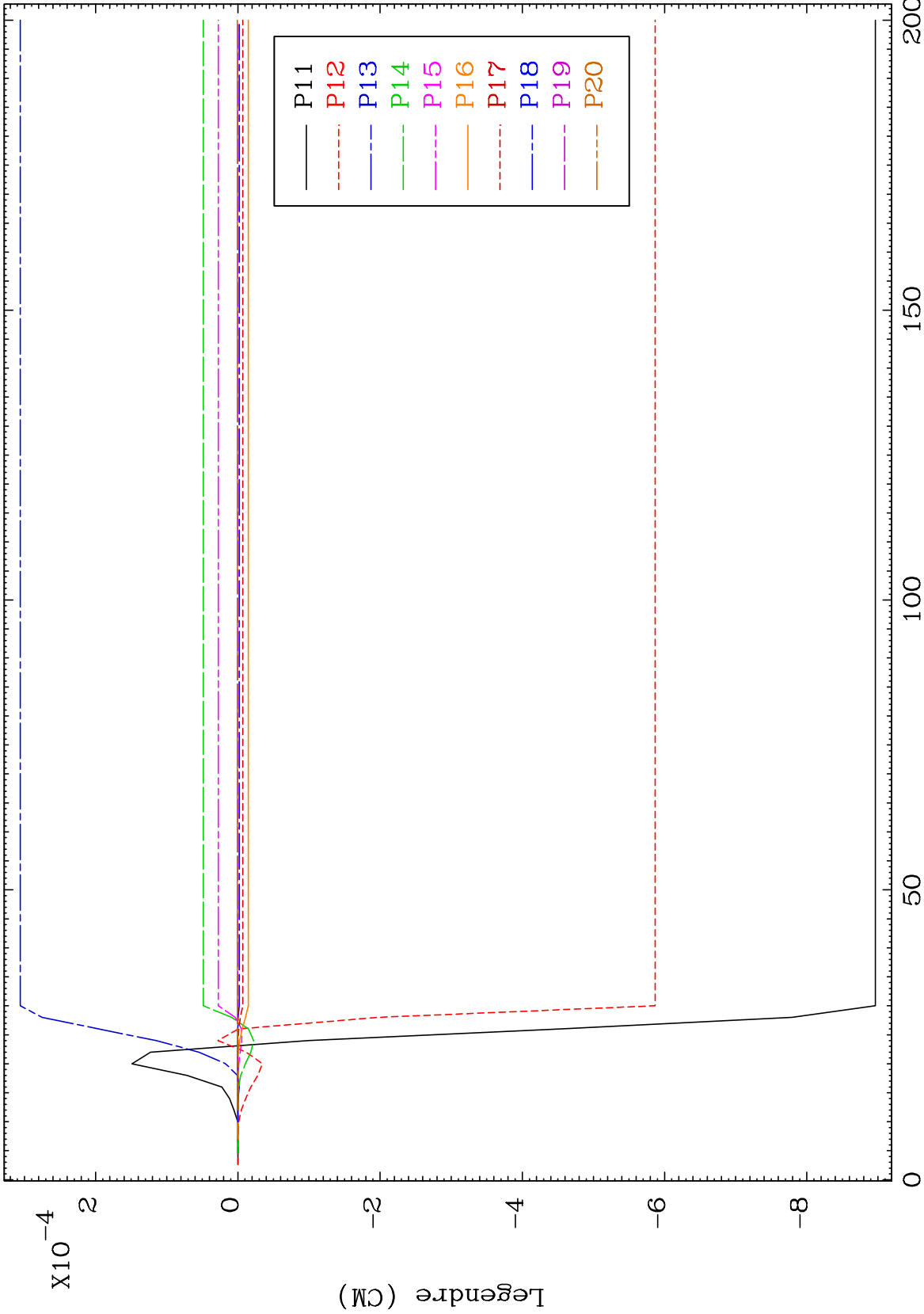
108 Incident Energy (MeV) 40-Zr-100



MAT 4055

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

40-Zr-100

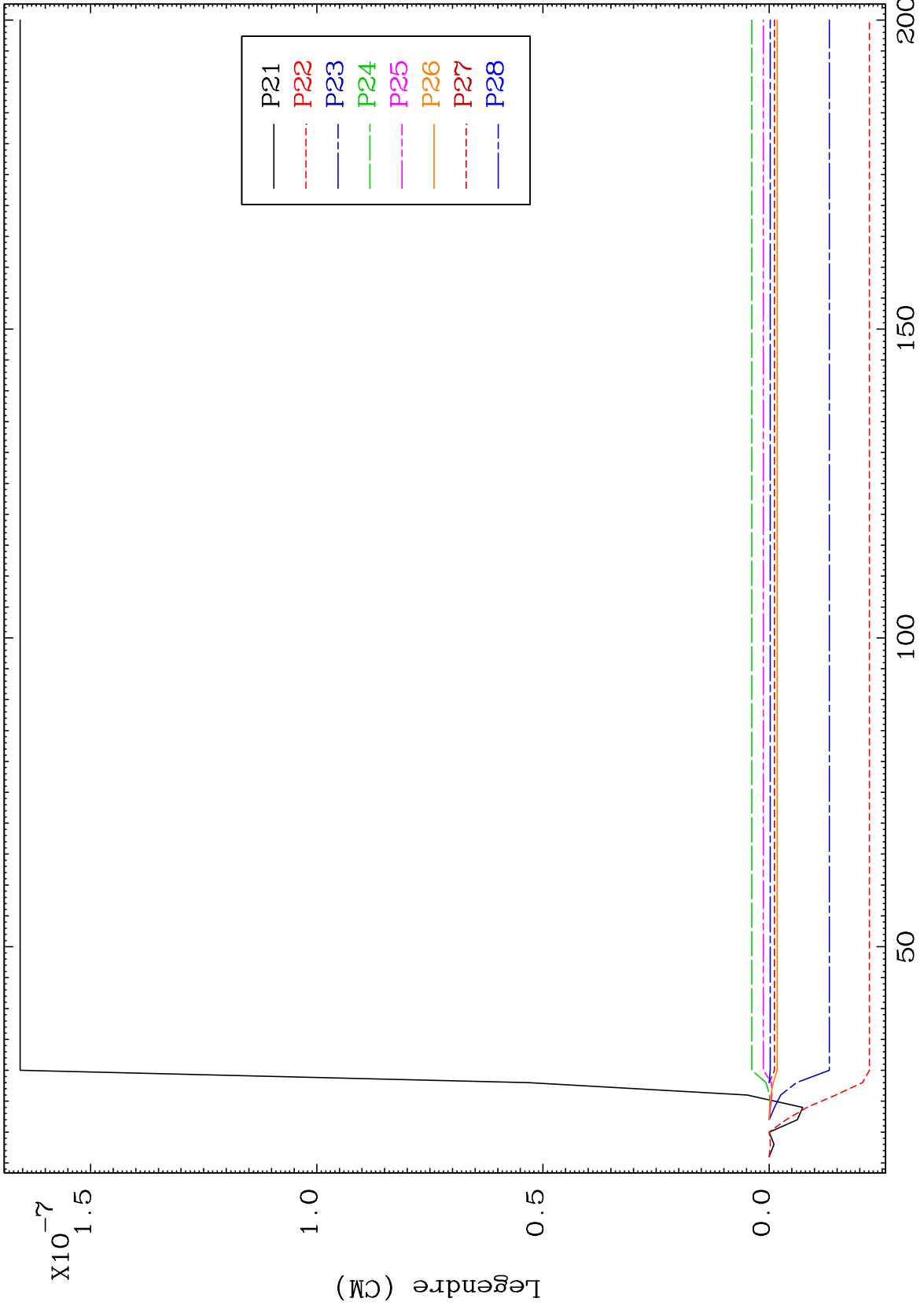


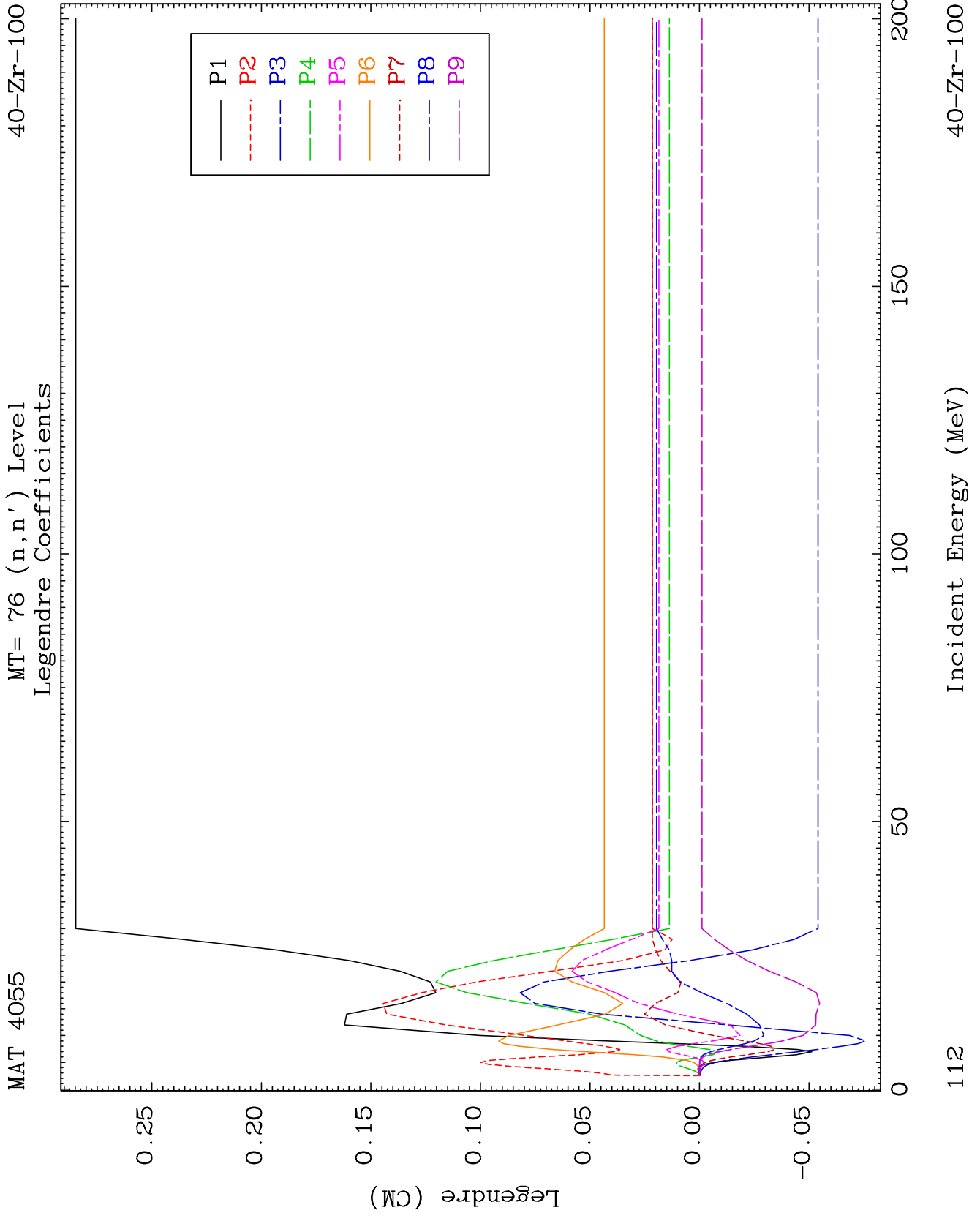
110

Incident Energy (MeV)

40-Zr-100

MAT 4055 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-100

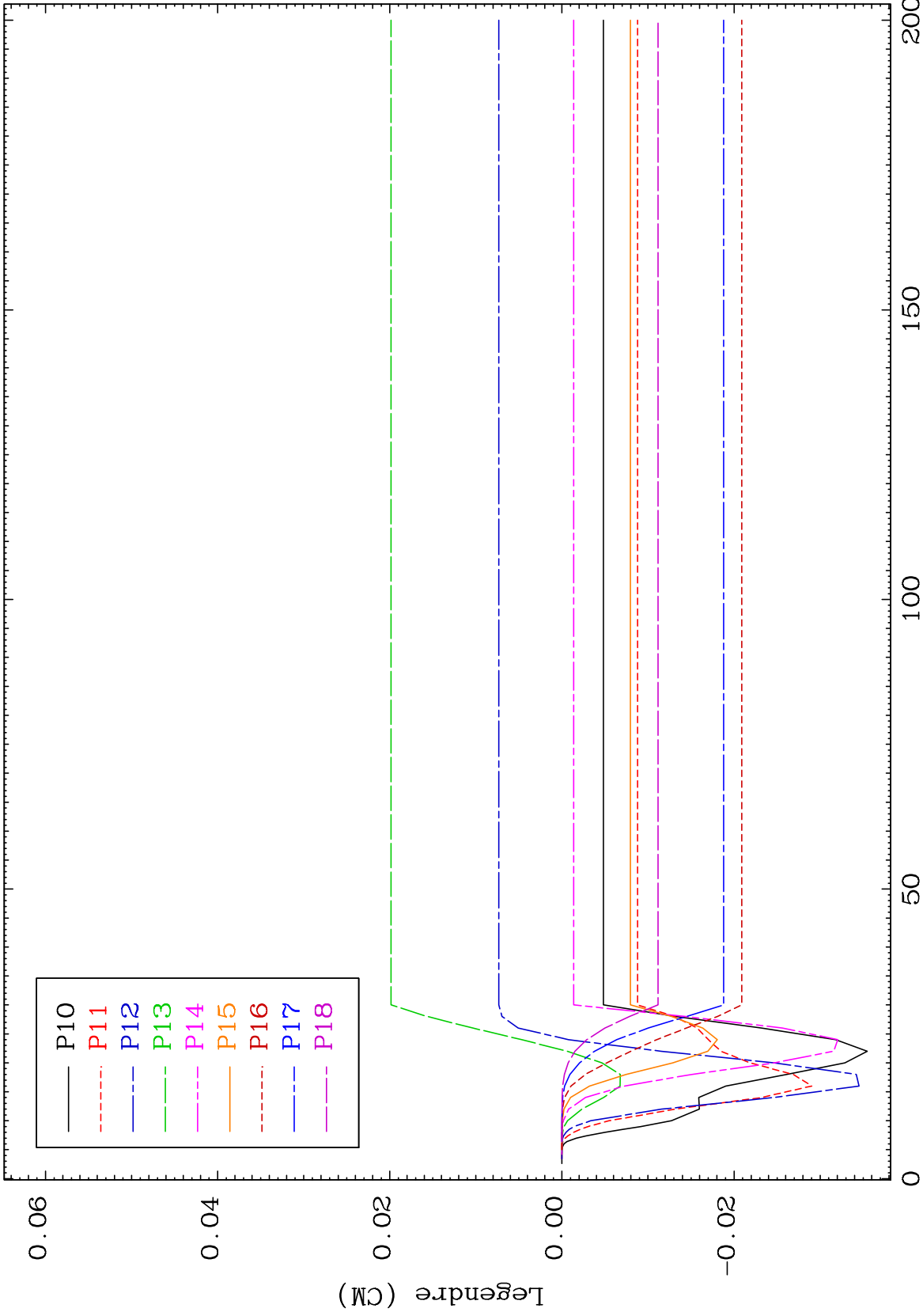




MAT 4055

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

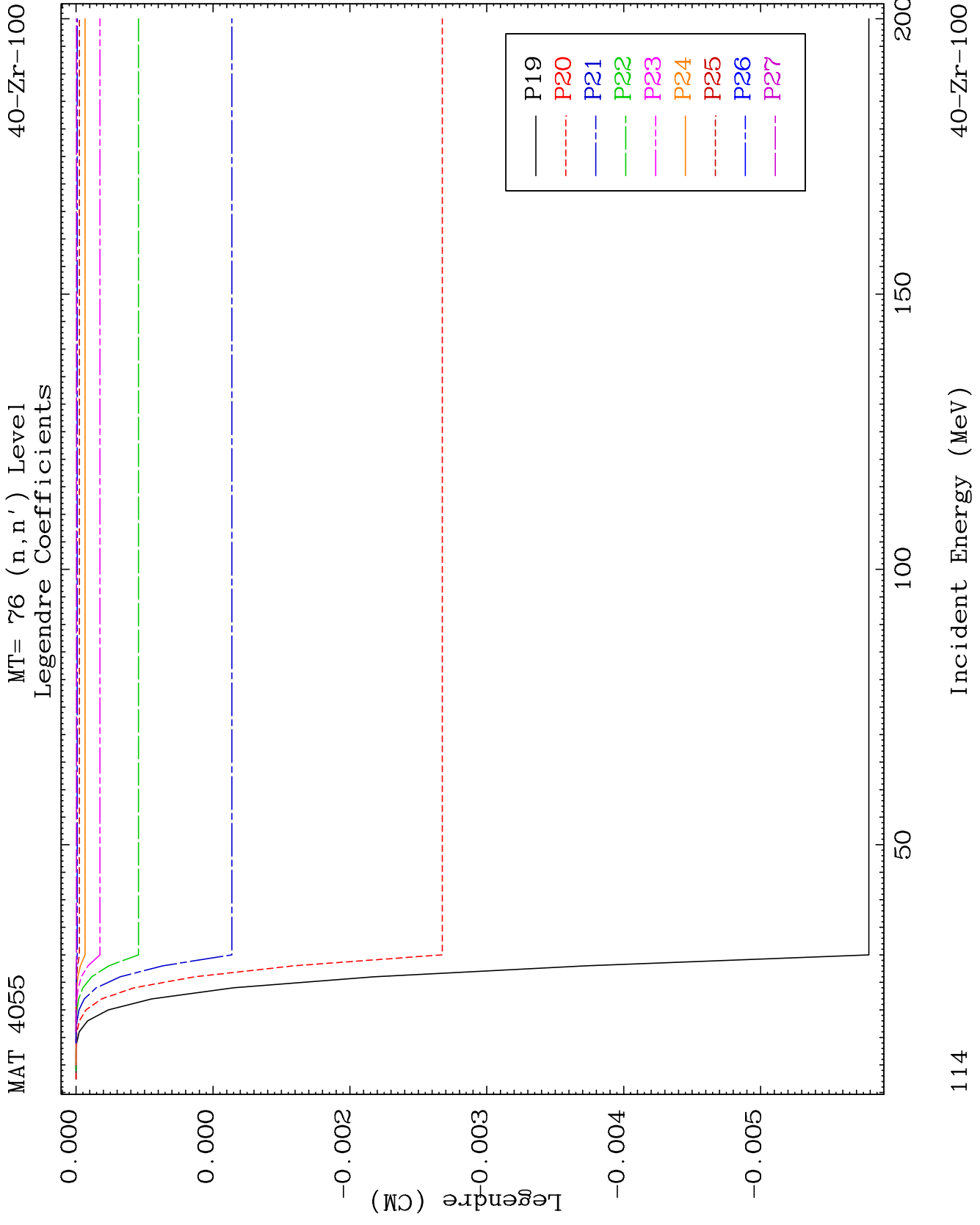
40-Zr-100

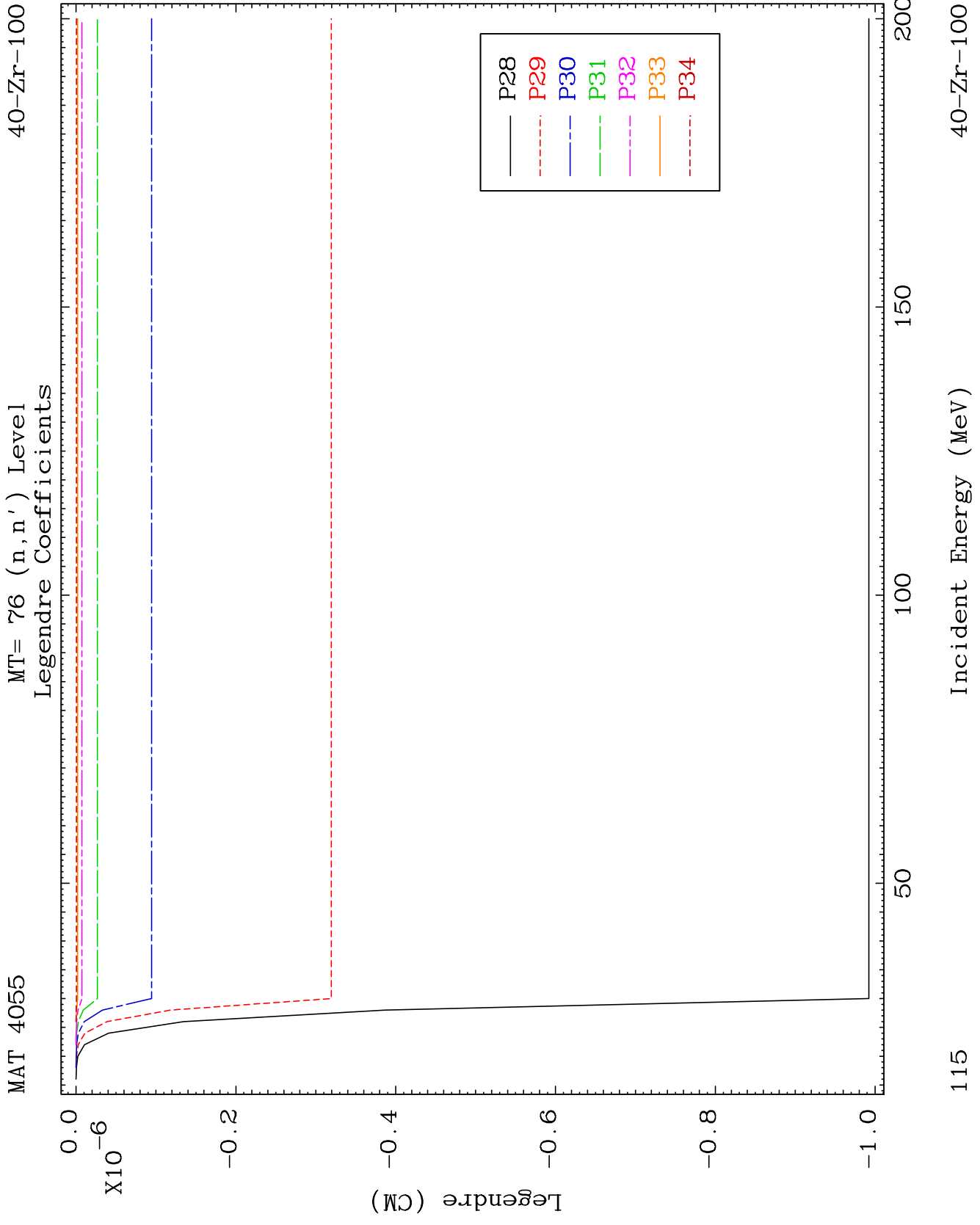


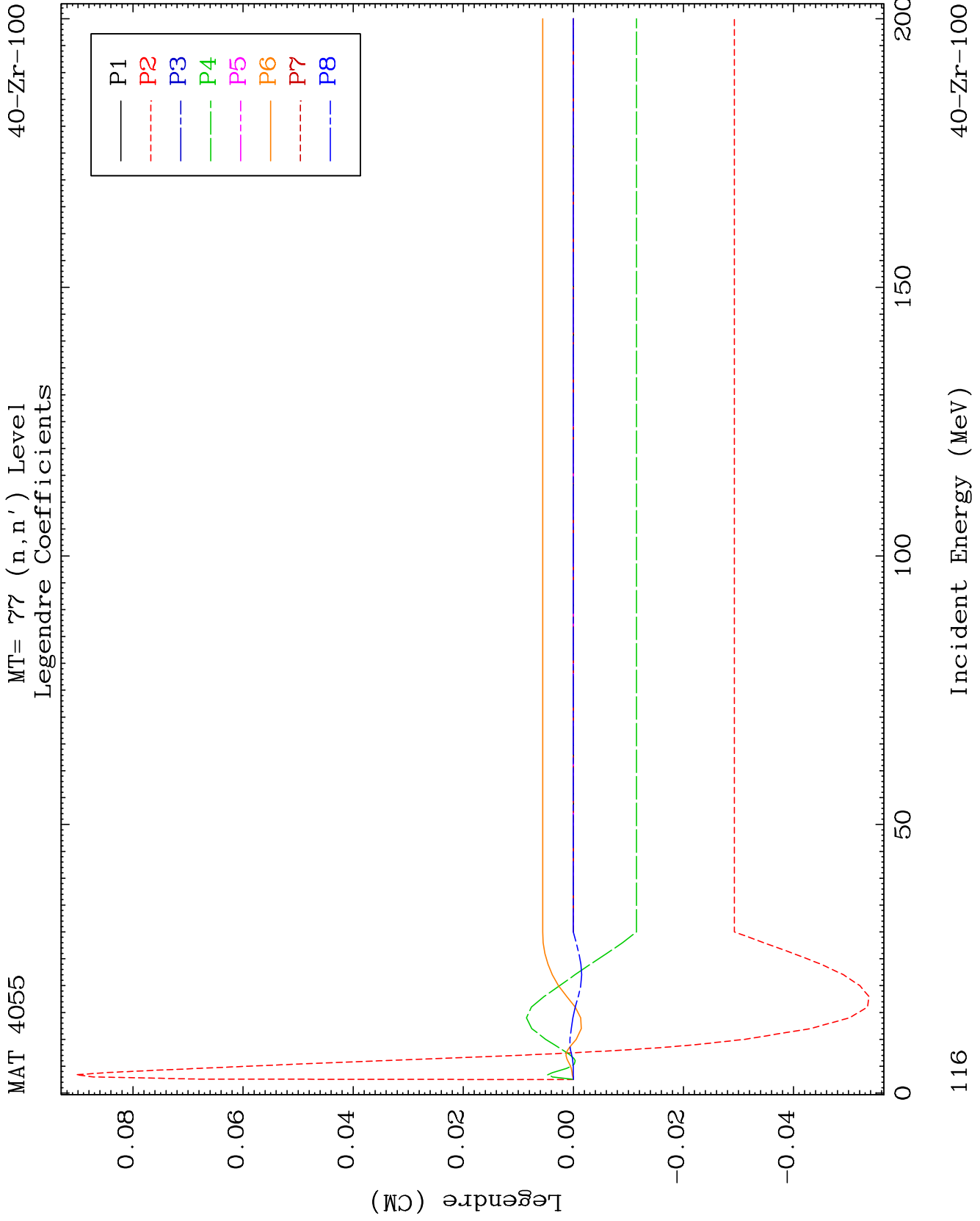
113

Incident Energy (MeV)

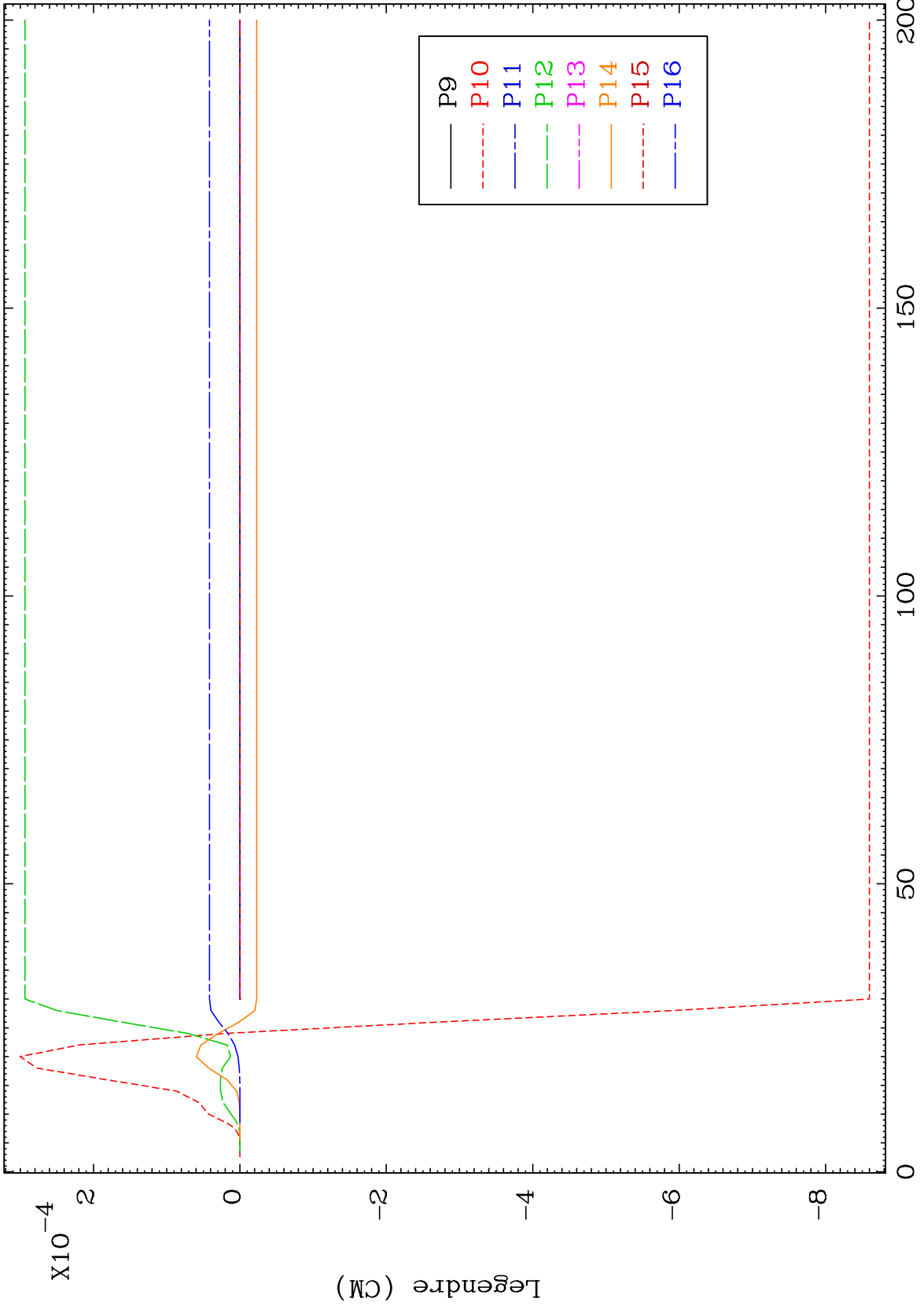
40-Zr-100







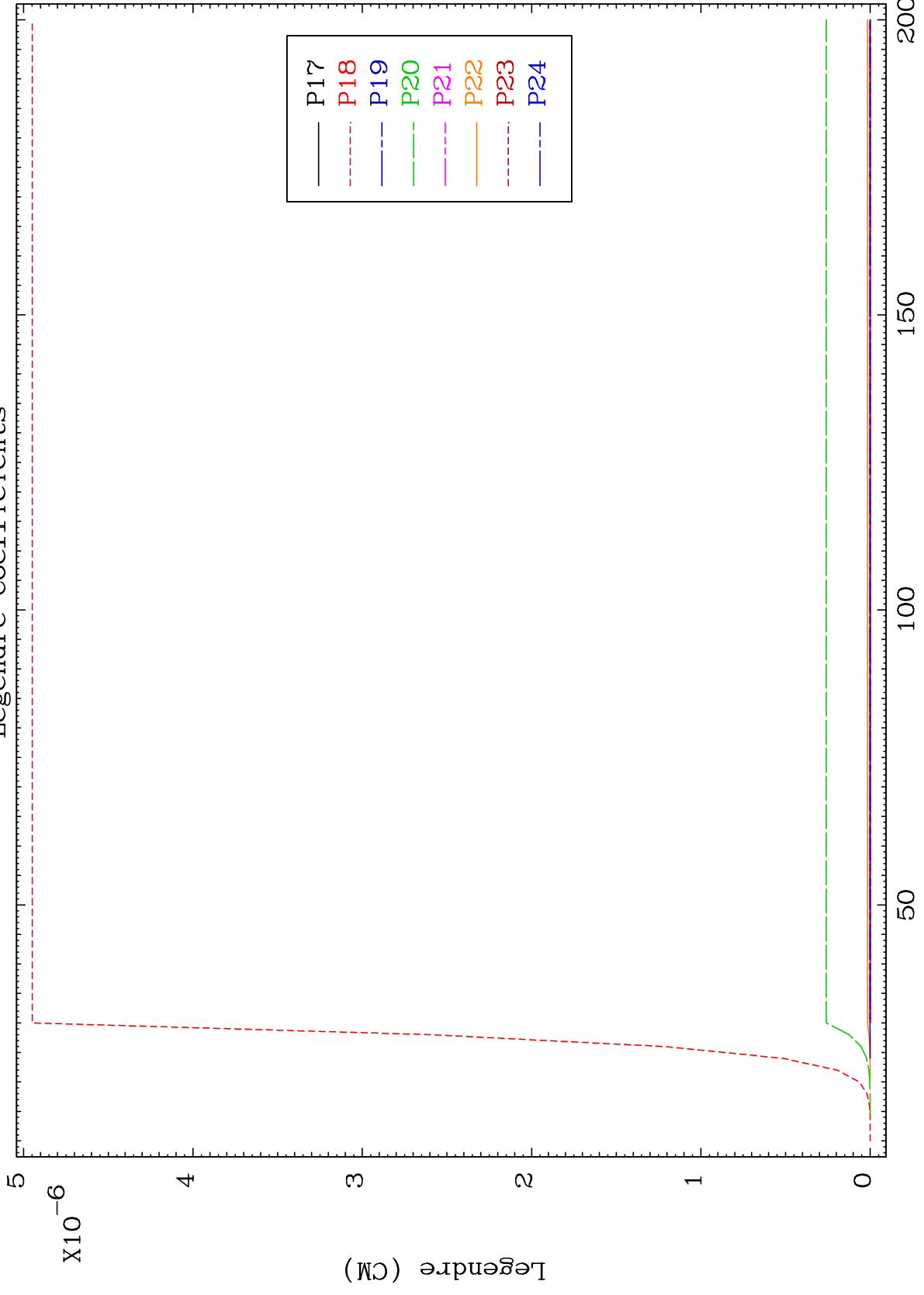
MAT 4055 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-100



117 40-Zr-100

MAT 4055 MT= 77 (n,n') Level Legendre Coefficients

40-Zr-100

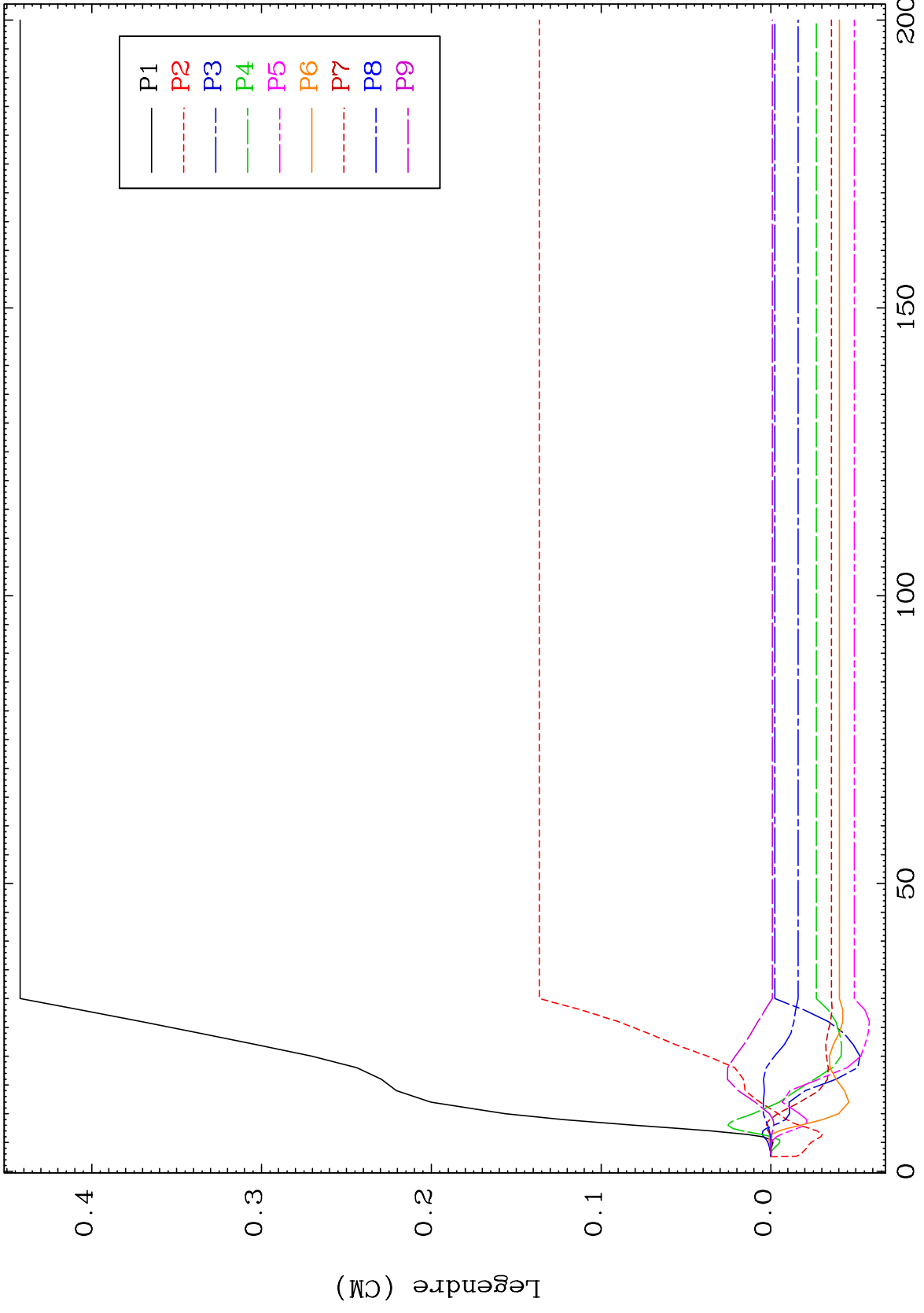


40-Zr-100

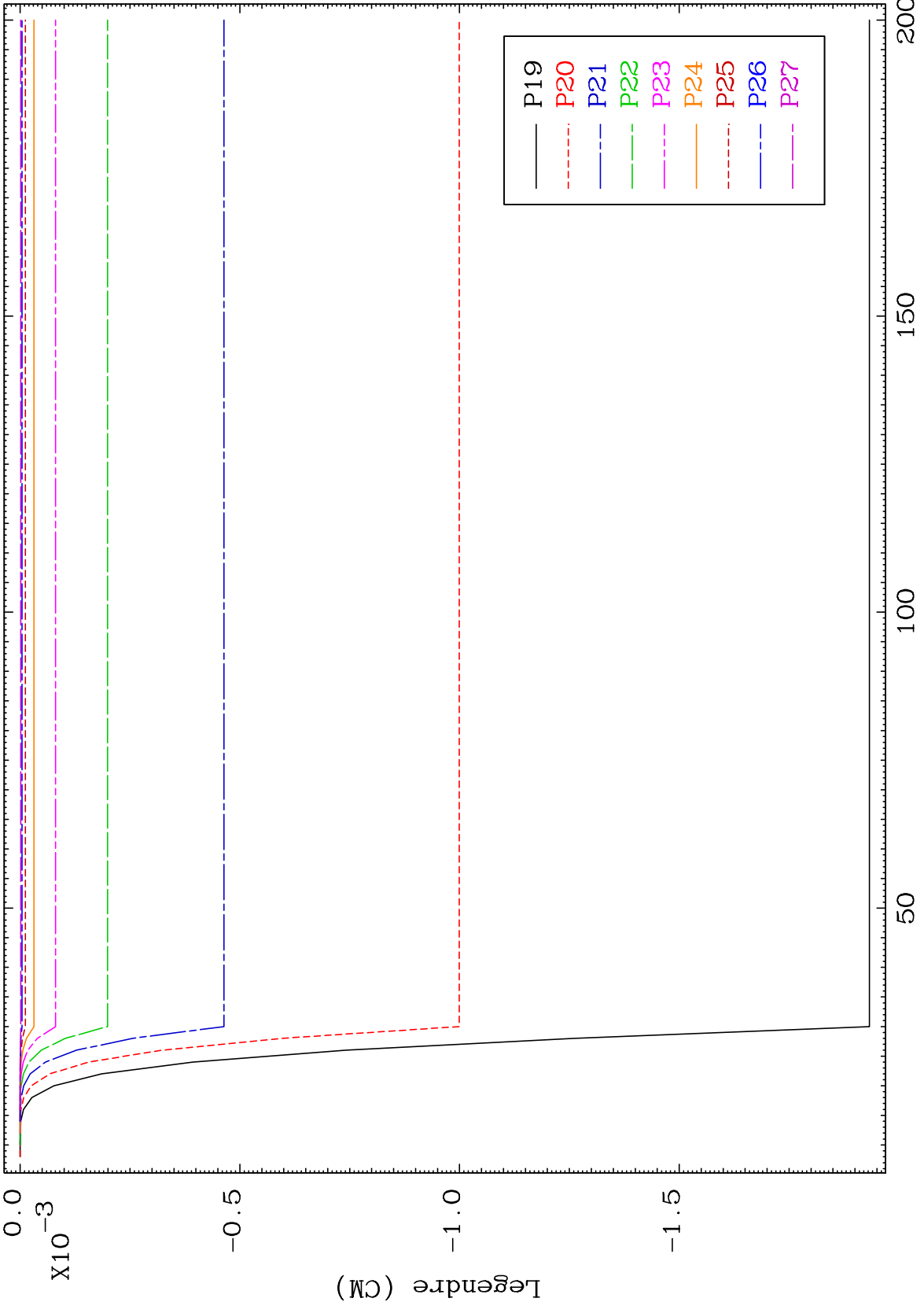
Incident Energy (MeV)

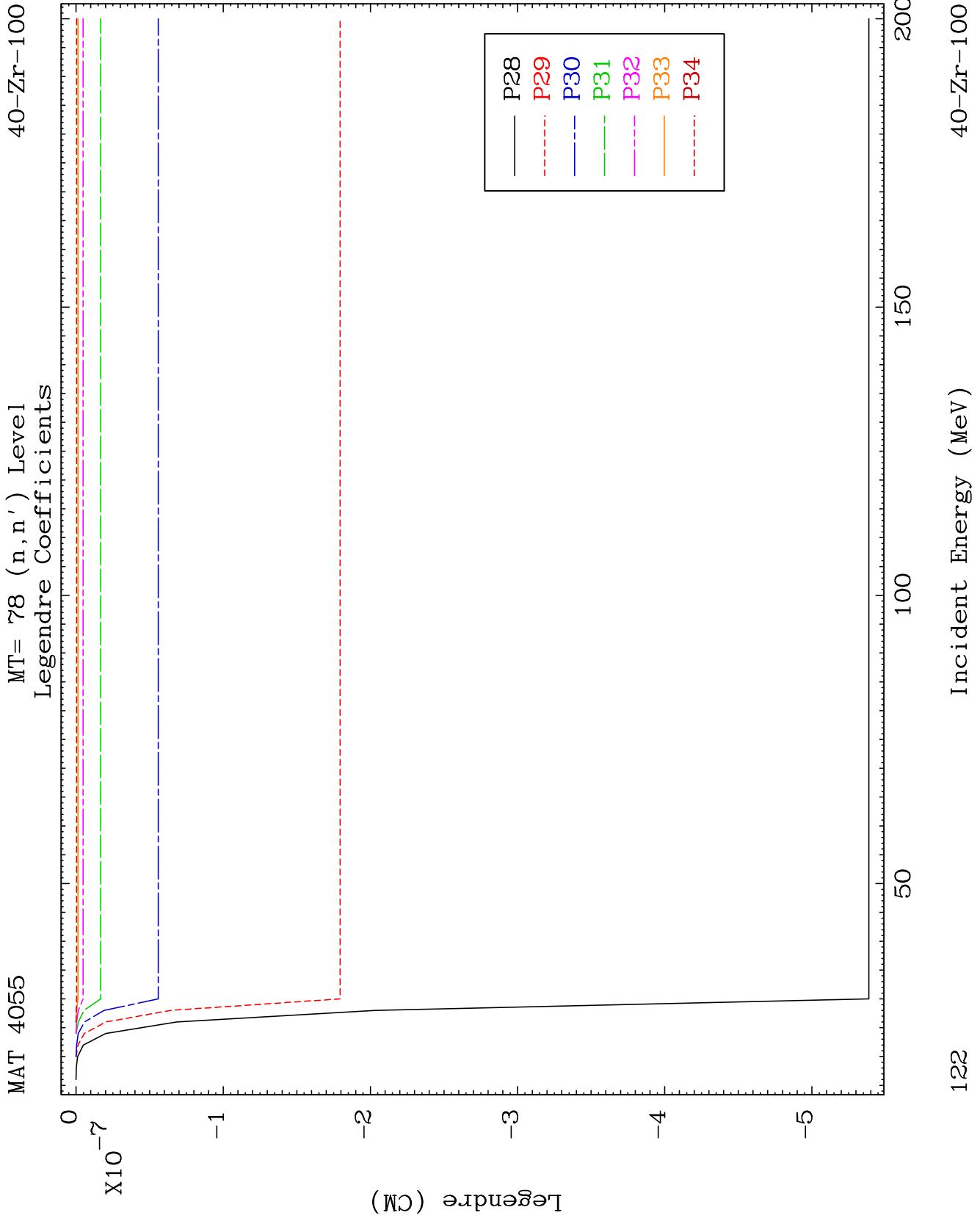
118

MAT 4055 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-100

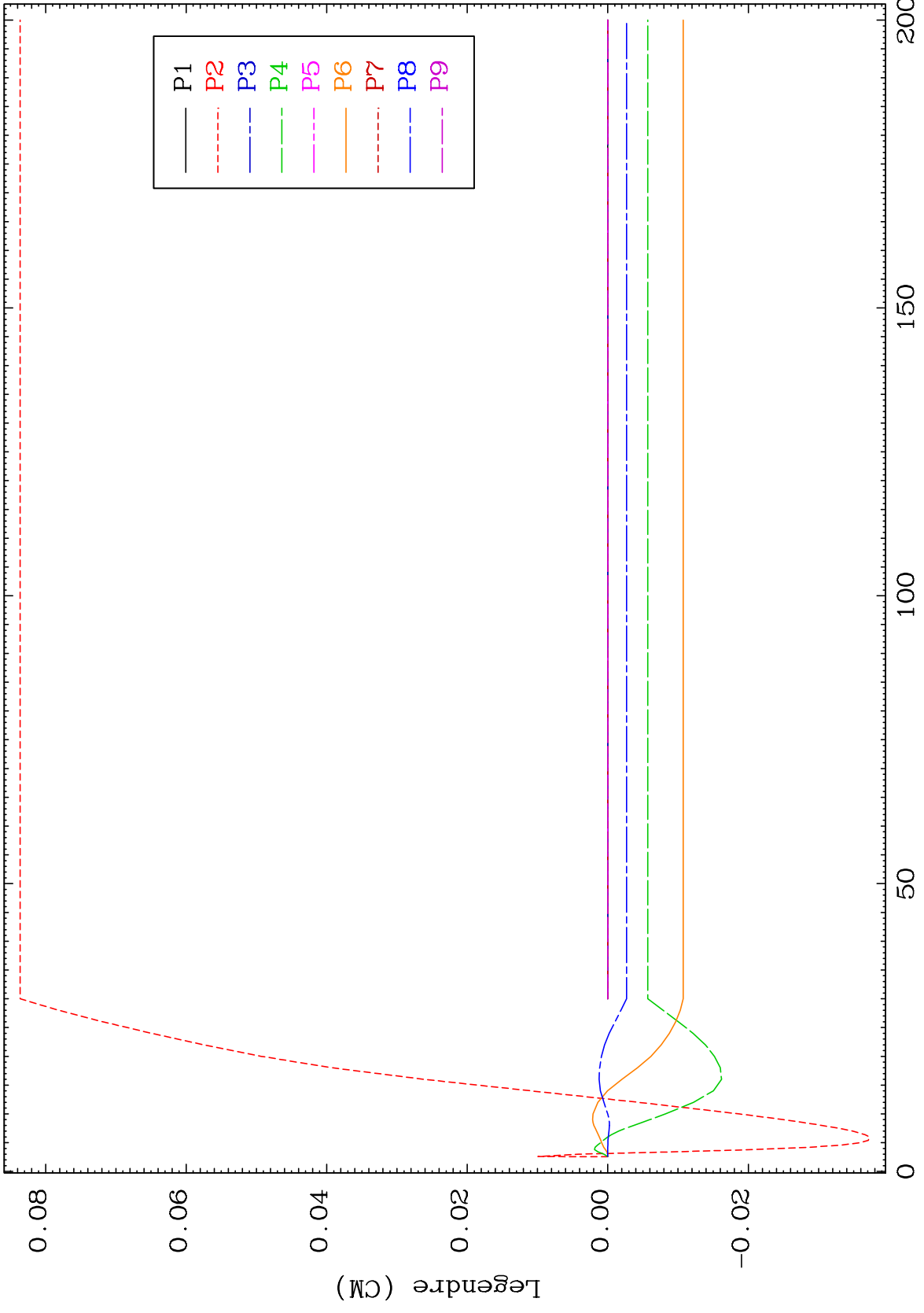


MAT 4055 MT= 78 (n,n') Level Legendre Coefficients 40-Zr-100





MAT 4055 MT= 79 (n,n') Level Legendre Coefficients 40-Zr-100

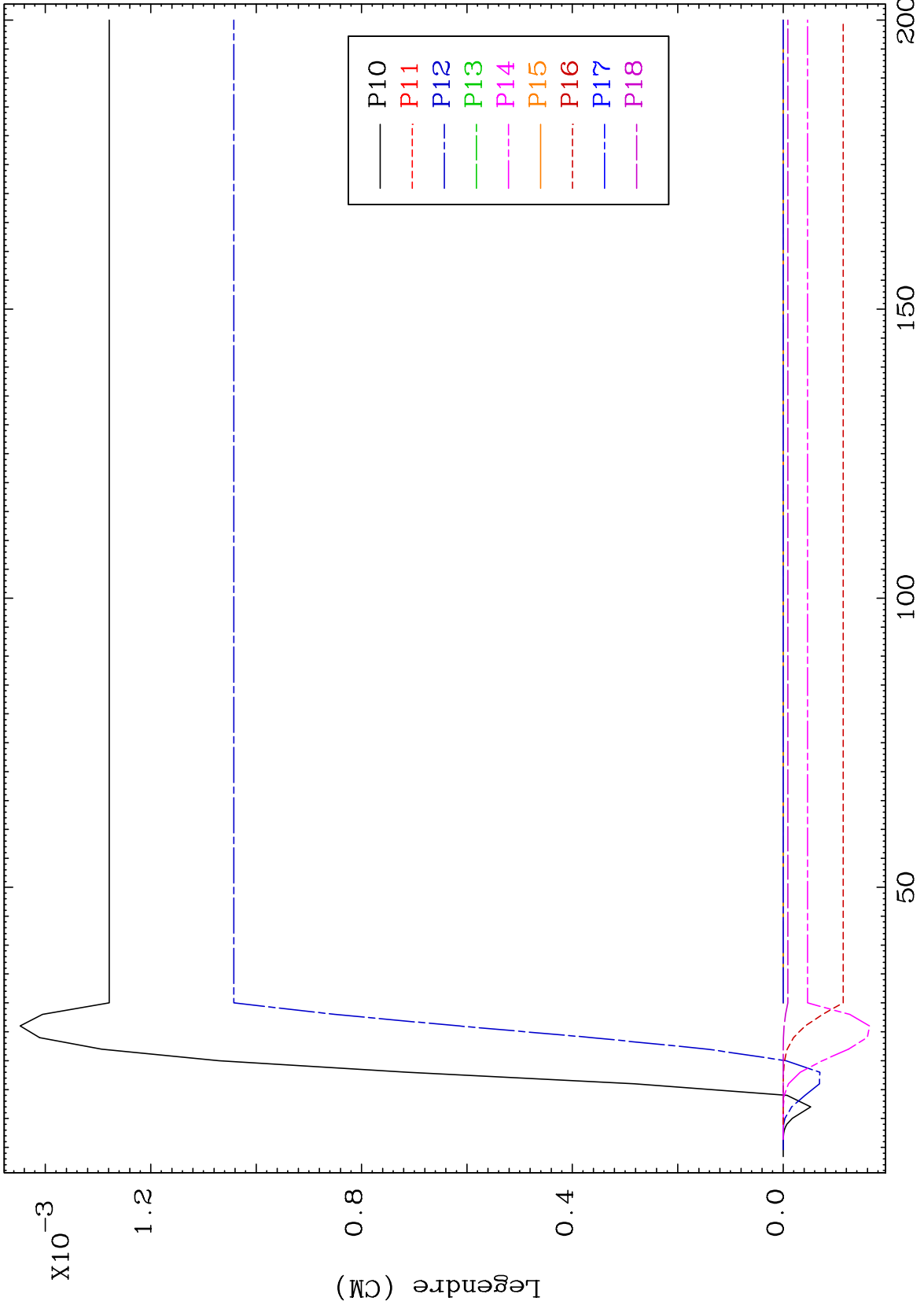


123 Incident Energy (MeV) 40-Zr-100

MAT 4055

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

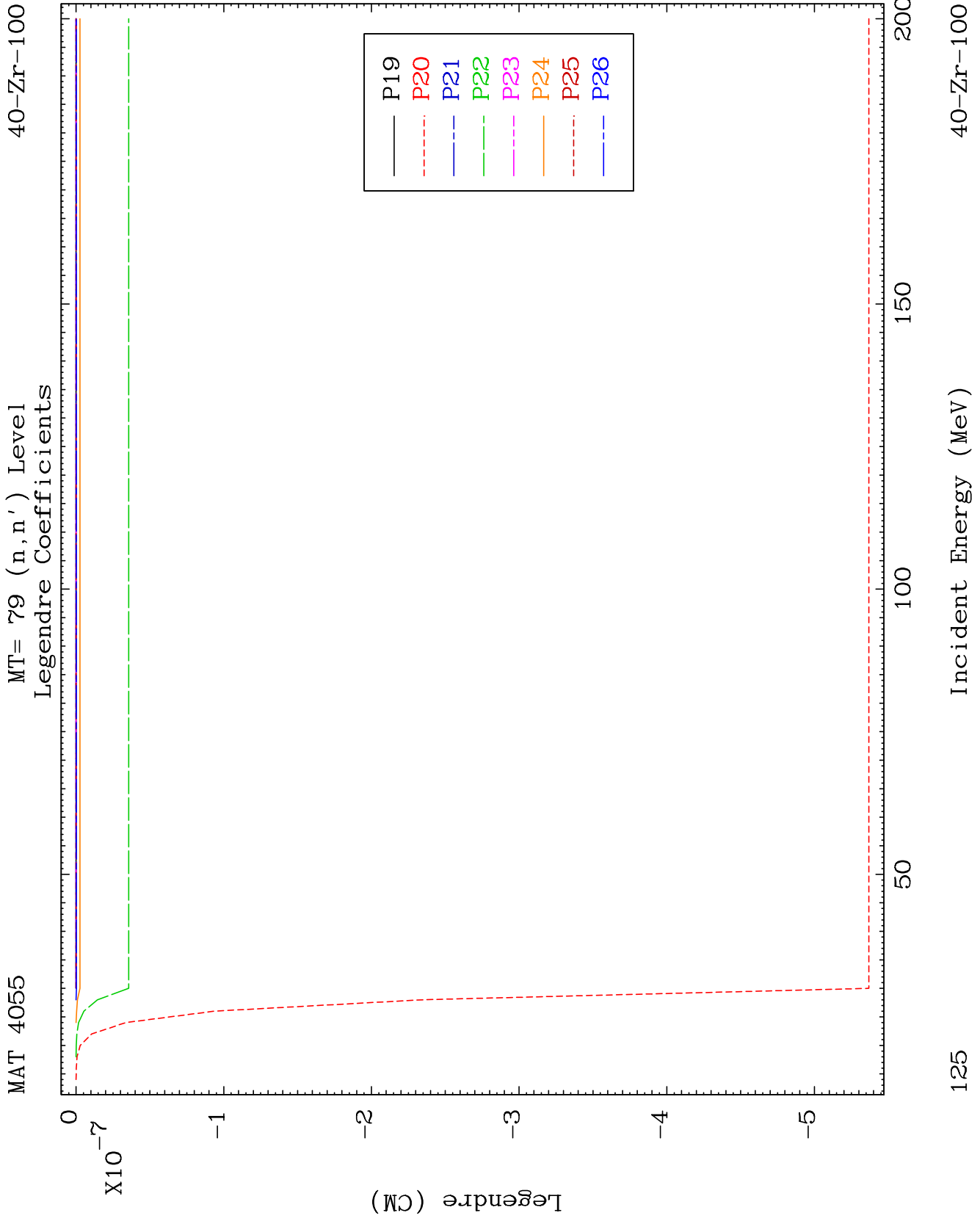
40-Zr-100



124

Incident Energy (MeV)

40-Zr-100

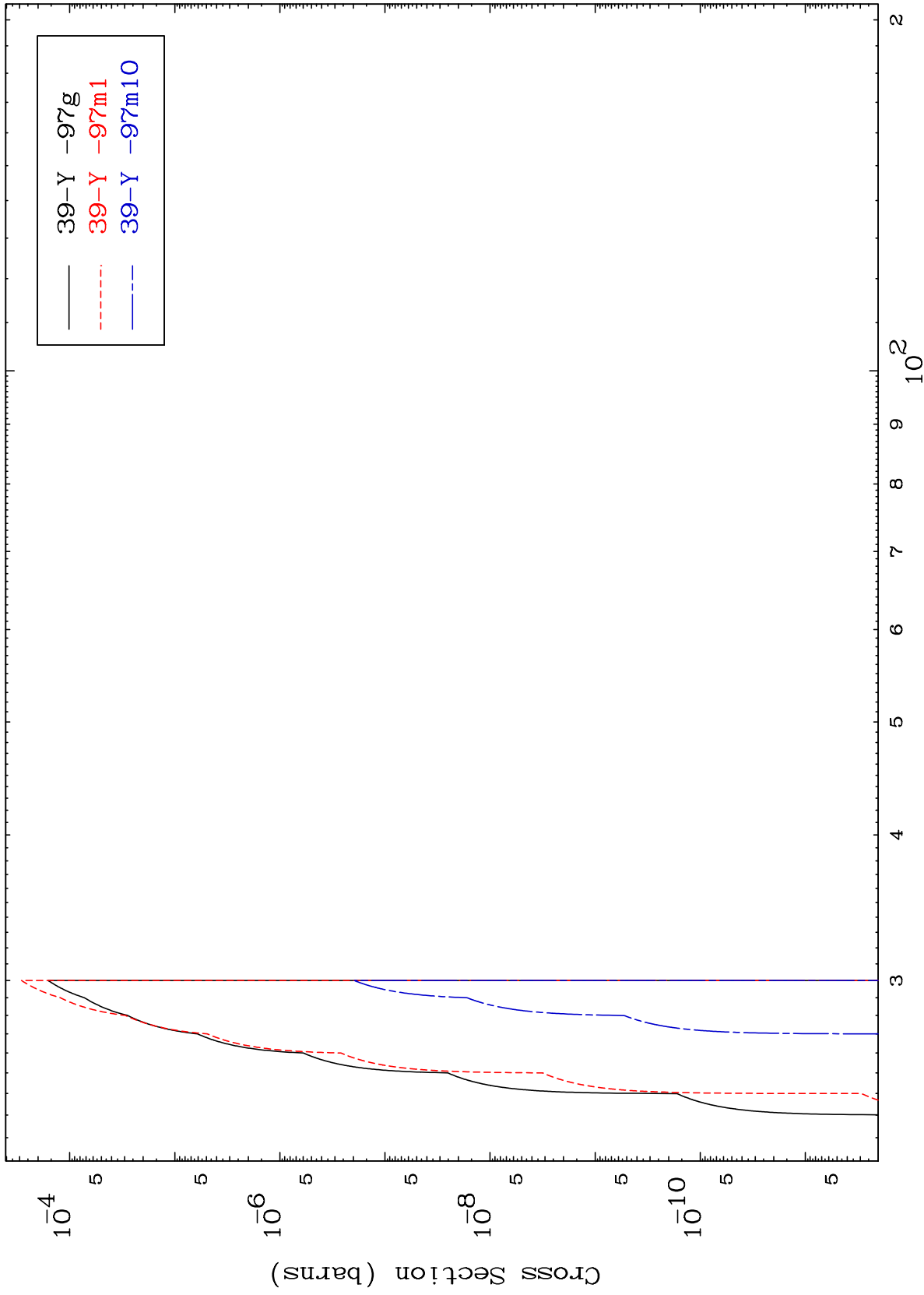


MAT 4055

(n,2n) d

40-Zr-100

Radionuclide Production Cross Section



126

Incident Energy (MeV)

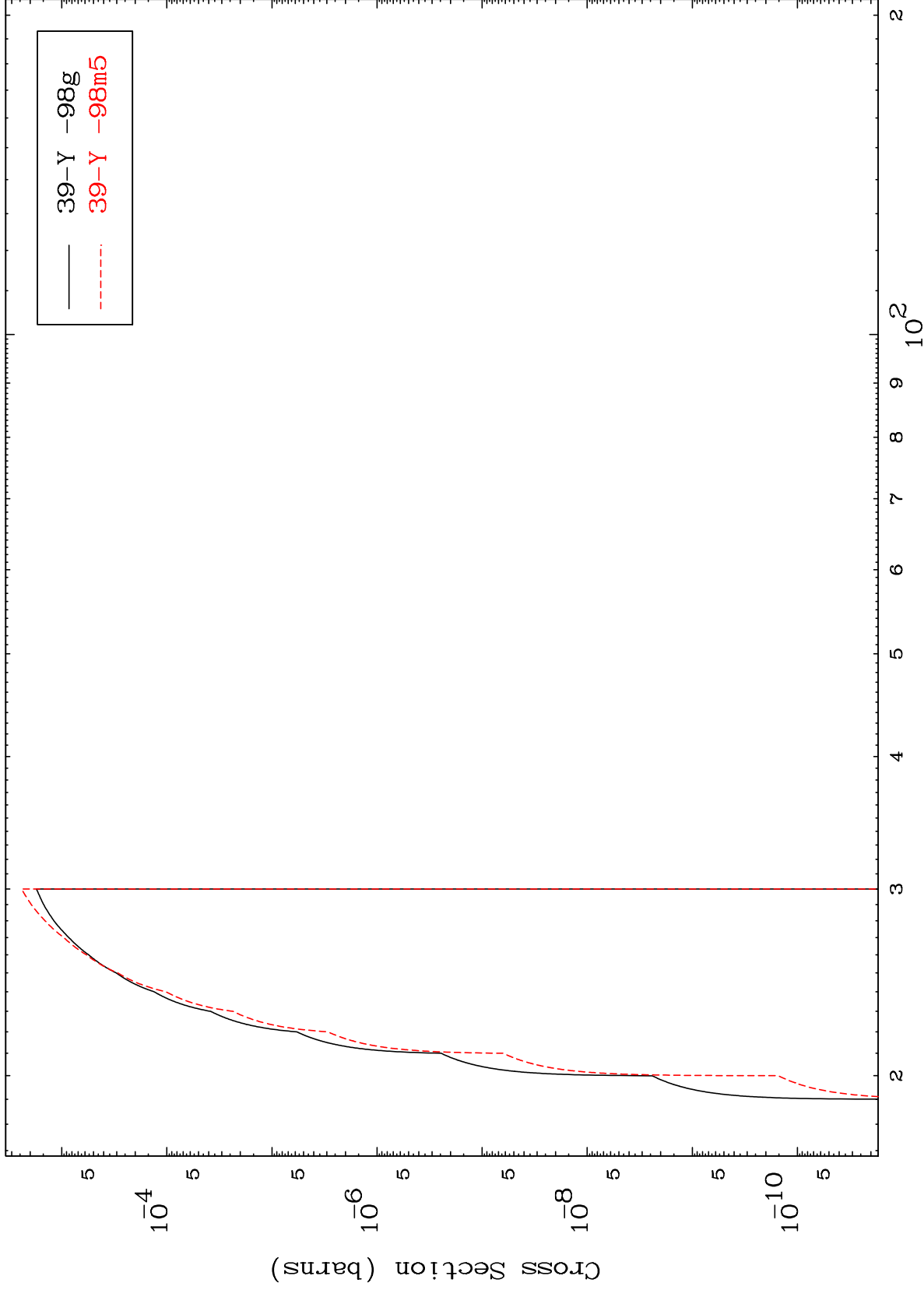
40-Zr-100

MAT 4055

(n,n') d

40-Zr-100

Radionuclide Production Cross Section



127

Incident Energy (MeV)

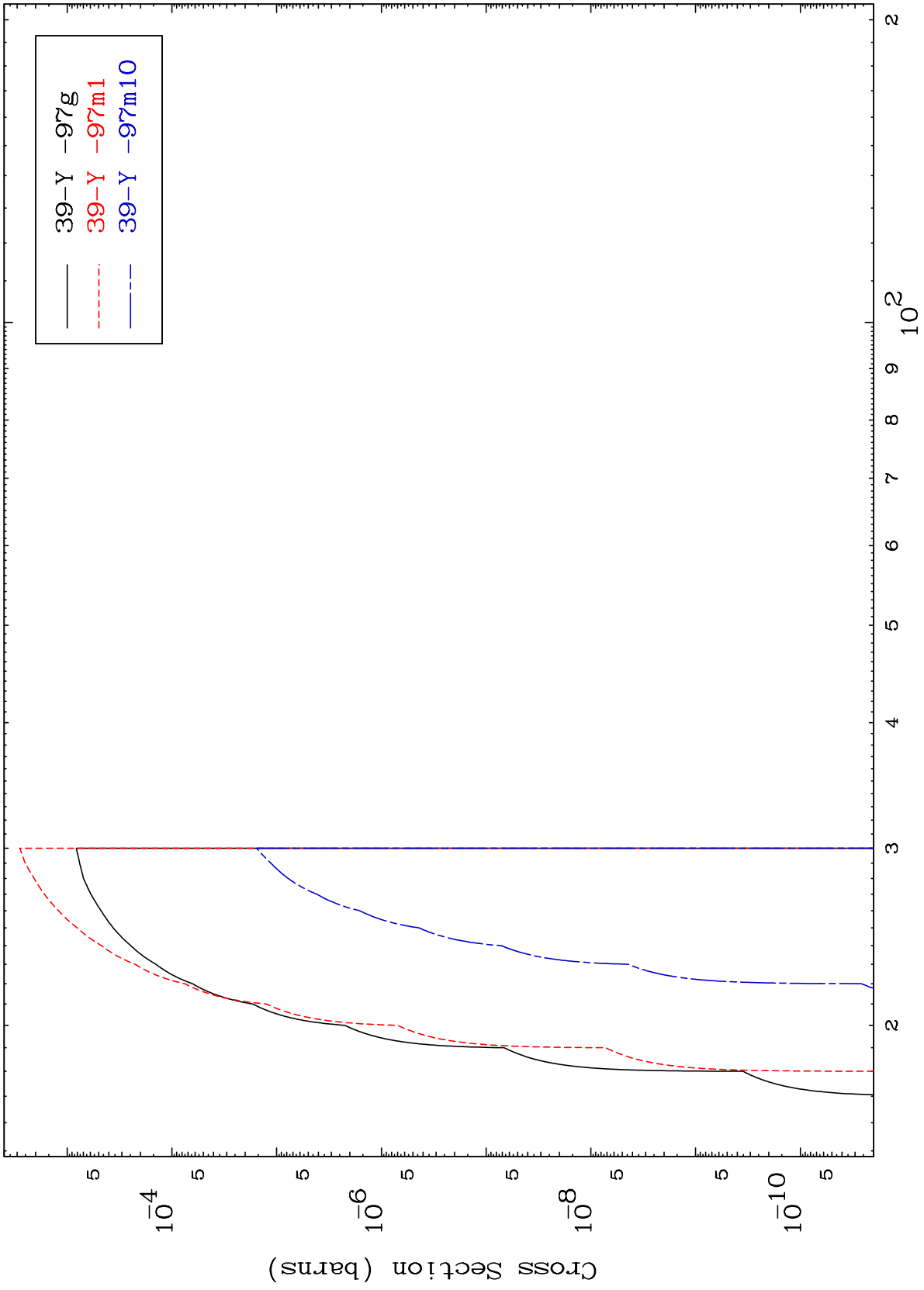
40-Zr-100

MAT 4055

(n,n') t

40-Zr-100

Radionuclide Production Cross Section



128

Incident Energy (MeV)

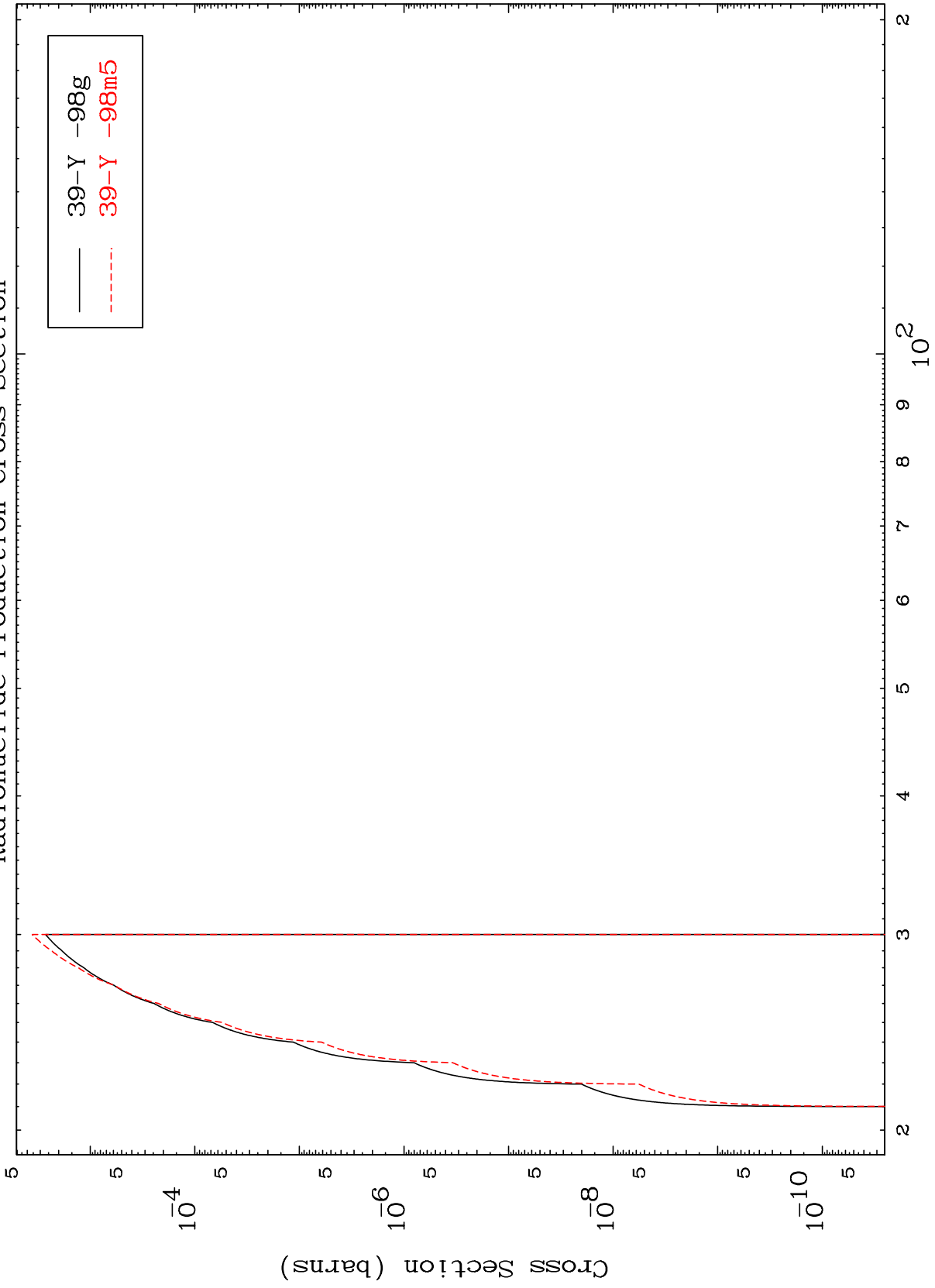
40-Zr-100

MAT 4055

(n,2n) p

40-Zr-100

Radionuclide Production Cross Section



129

Incident Energy (MeV)

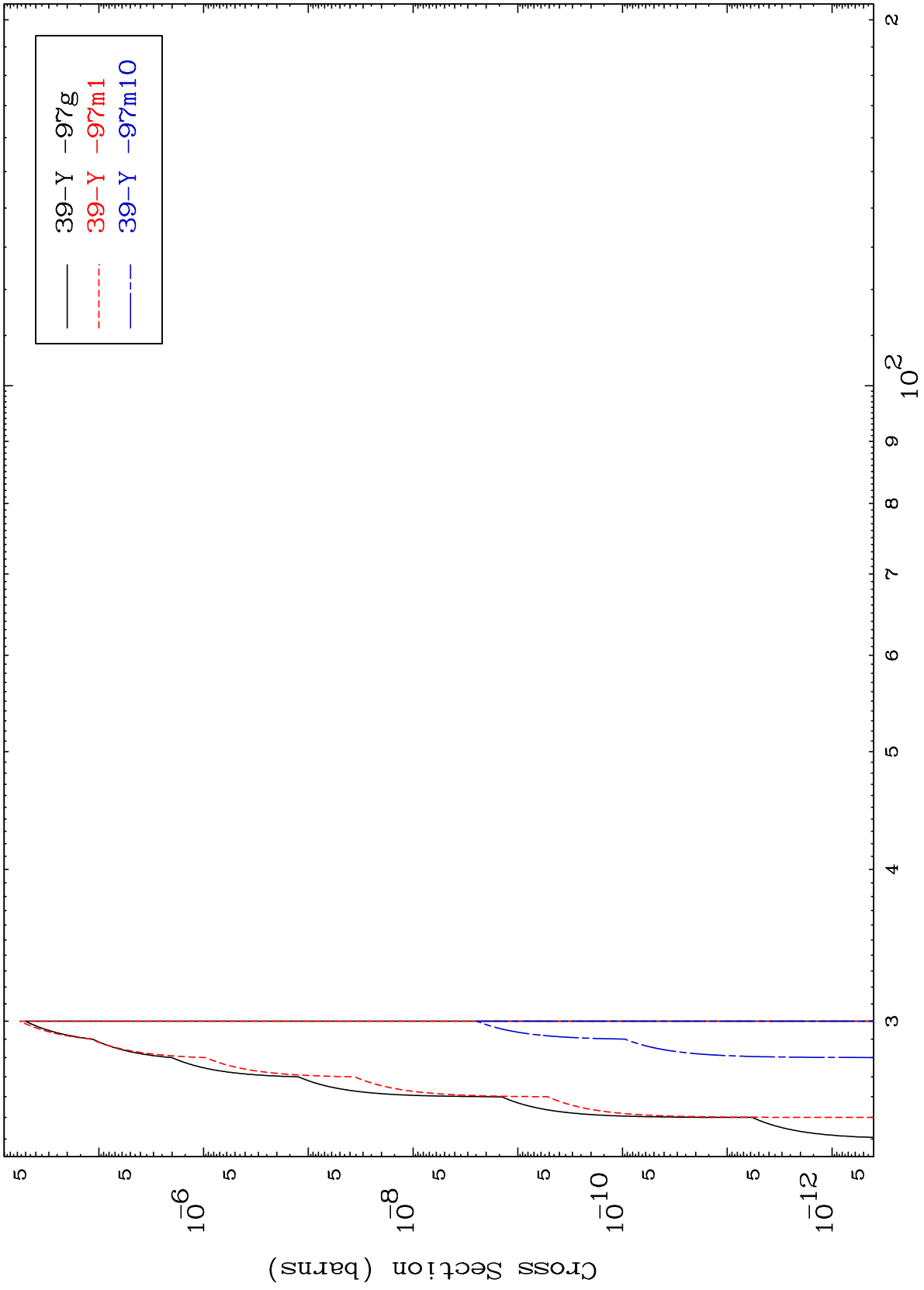
40-Zr-100

MAT 4055

(n,3n) p

40-Zr-100

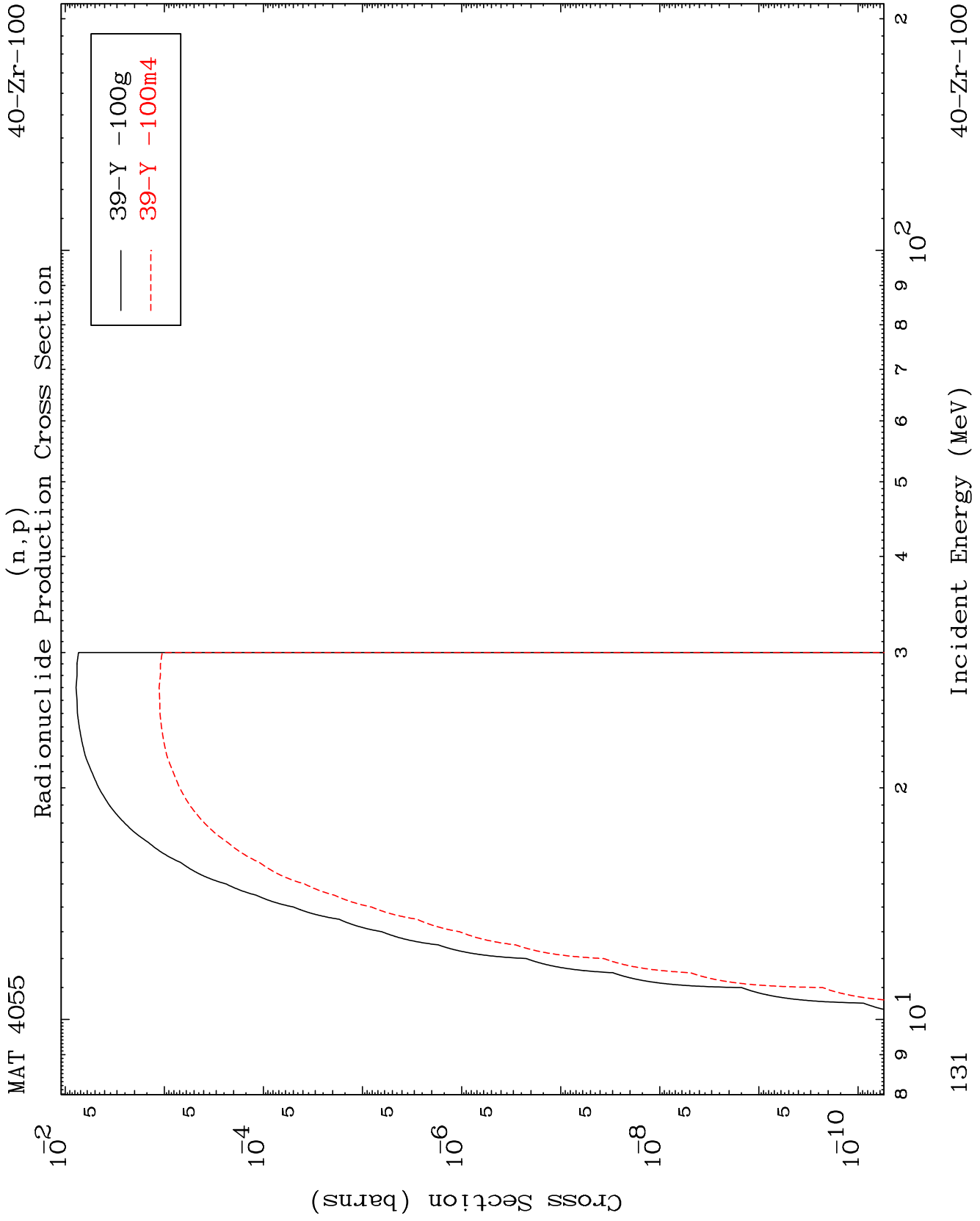
Radionuclide Production Cross Section



130

Incident Energy (MeV)

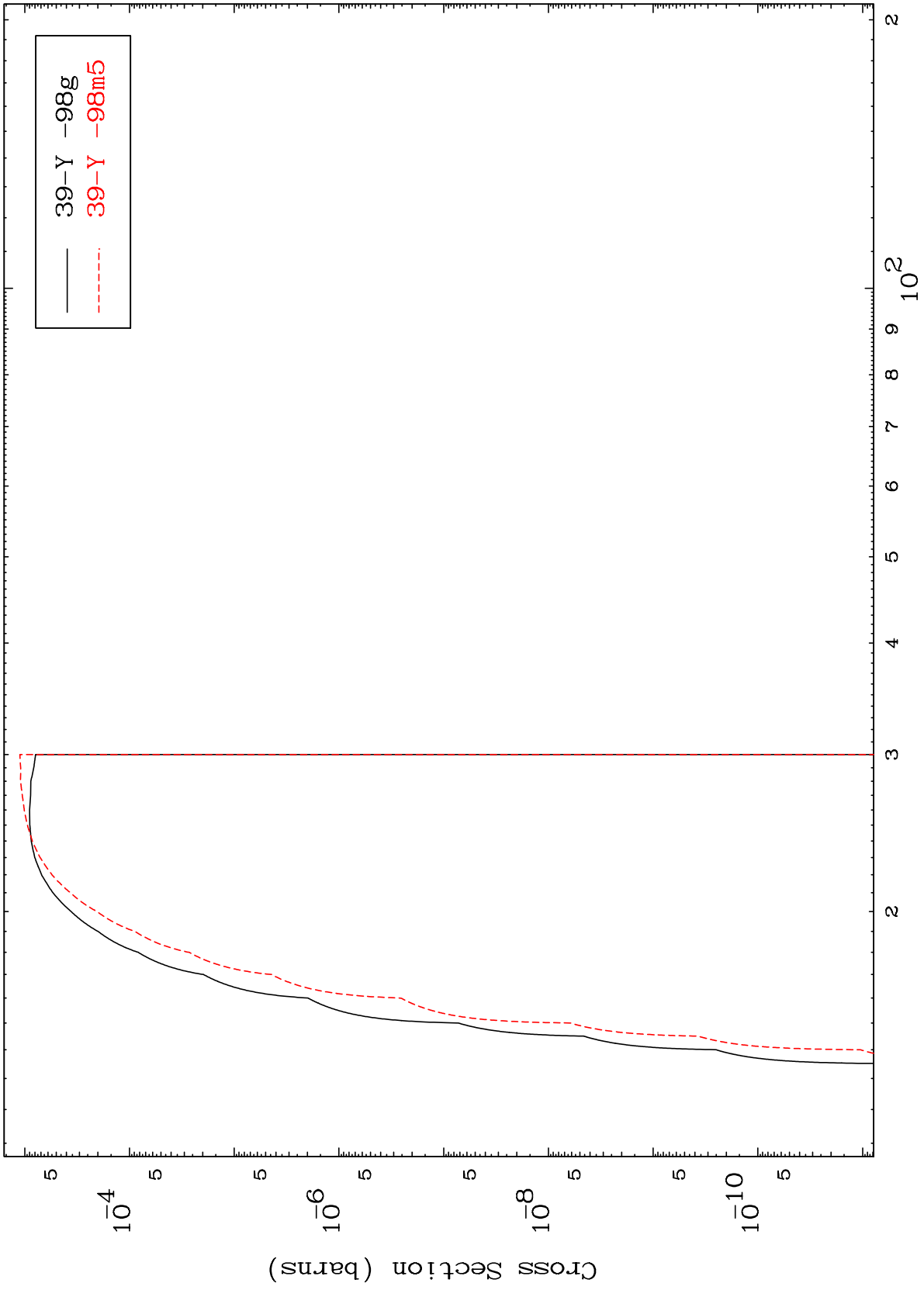
40-Zr-100



MAT 4055

40-Zr-100

(n, t)
Radionuclide Production Cross Section



132

40-Zr-100

Incident Energy (MeV)