

Program EVALPLOT
(Version 2018-1)

by

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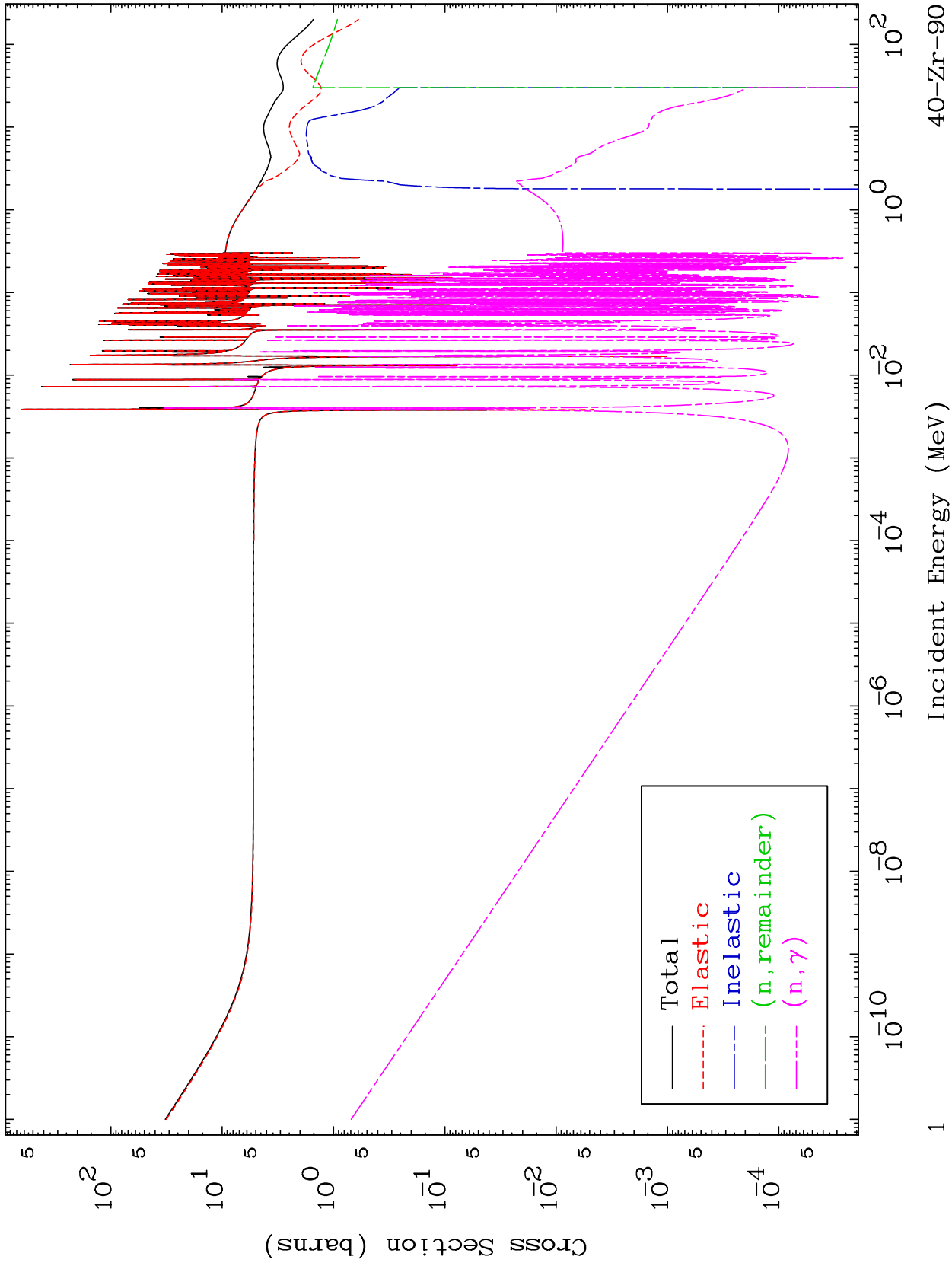
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4025

Major
293 Kelvin Cross Sections

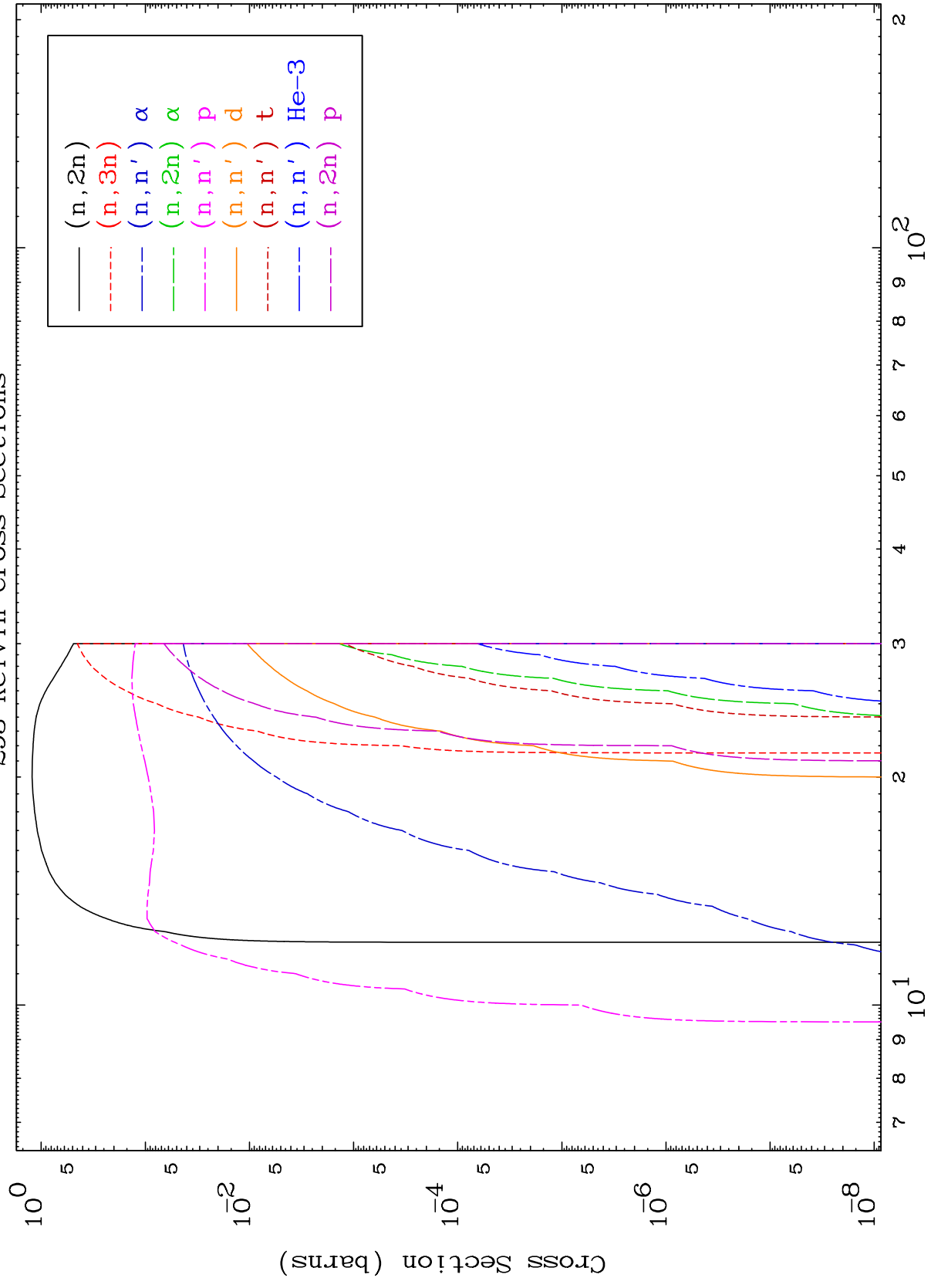
40-Zr-90



MAT 4025

Neutron Production
293 Kelvin Cross Sections

40-Zr-90



2

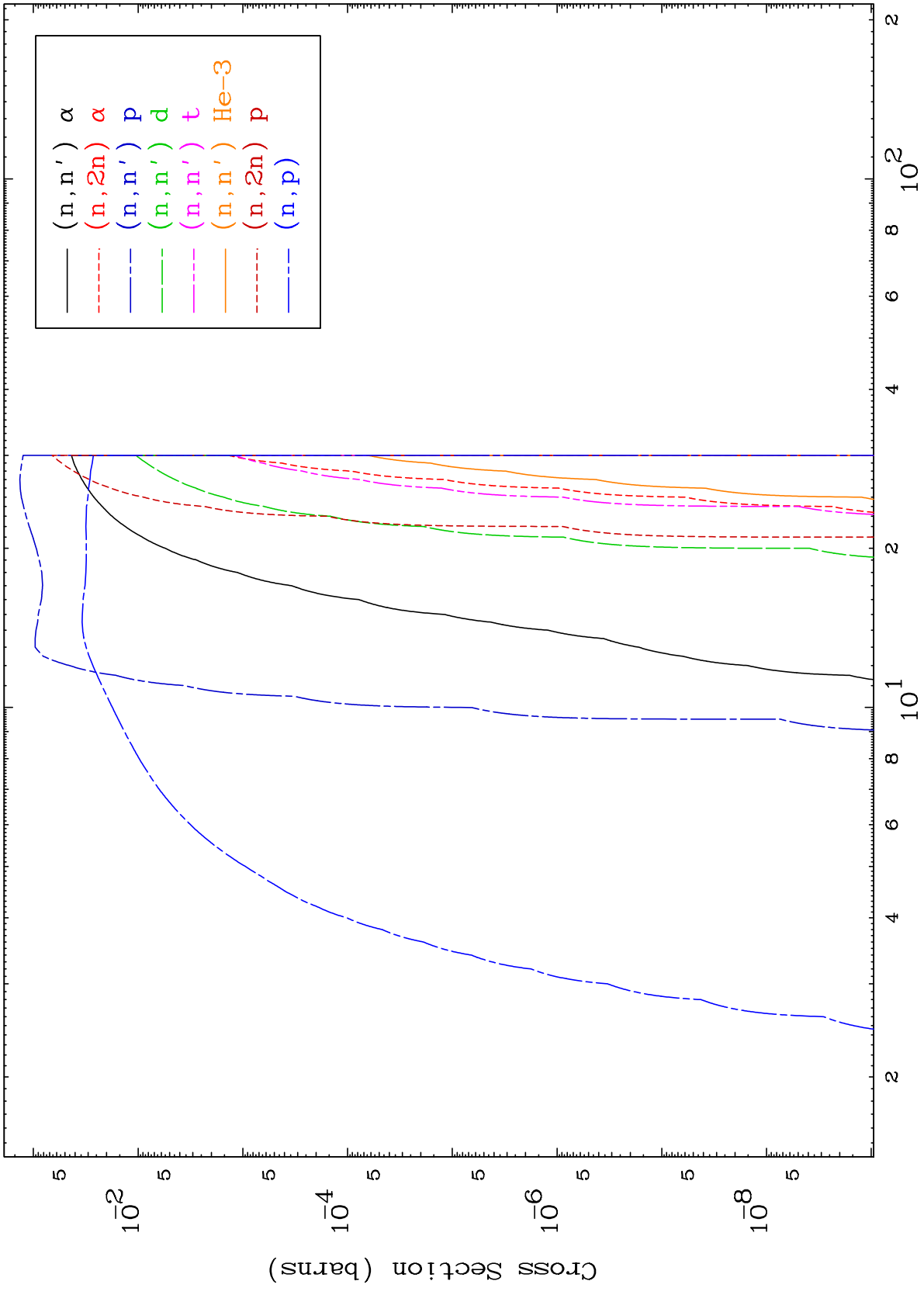
Incident Energy (MeV)

40-Zr-90

MAT 4025

Charged Particle
293 Kelvin Cross Sections

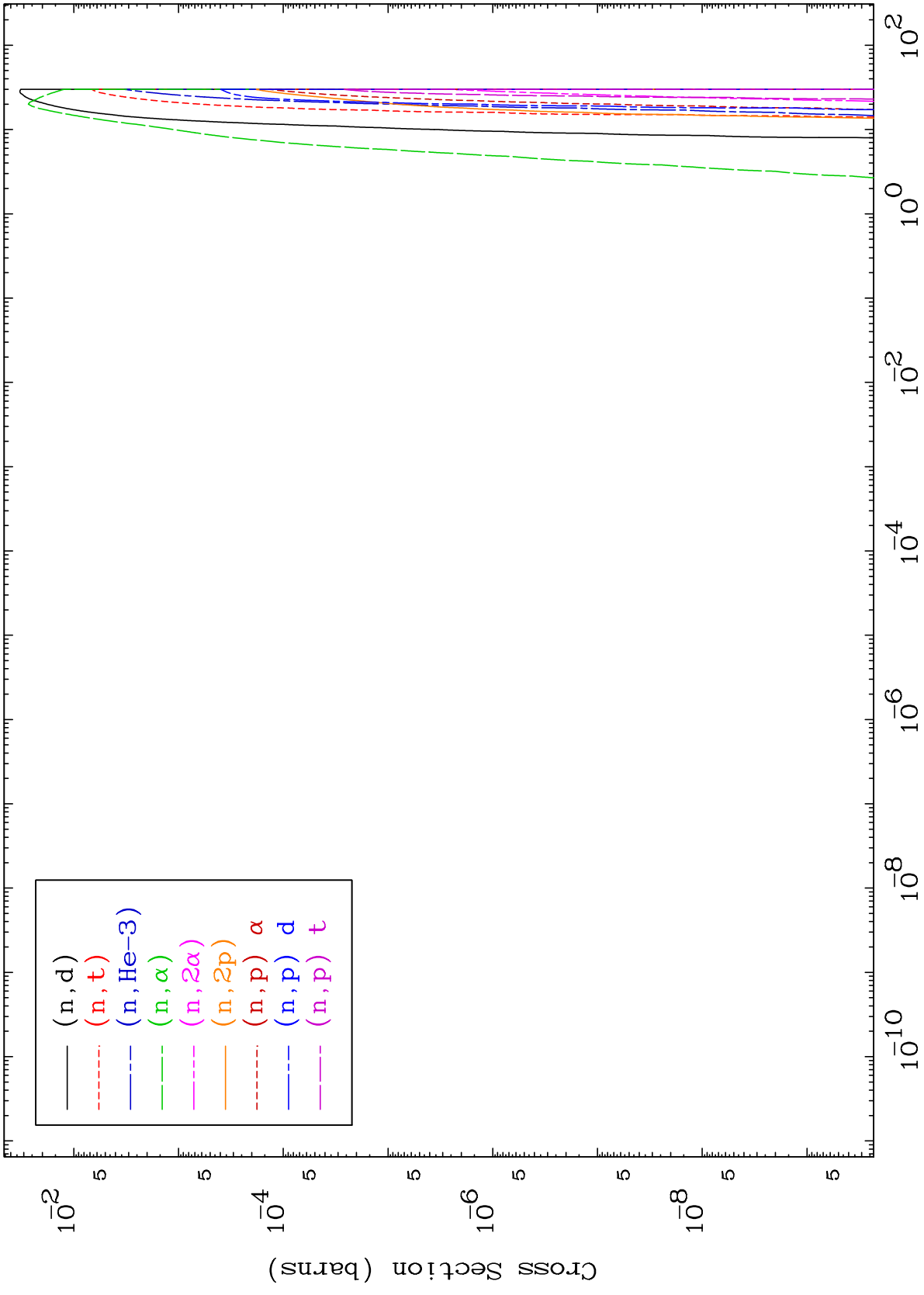
40-Zr-90



MAT 4025

Charged Particle
293 Kelvin Cross Sections

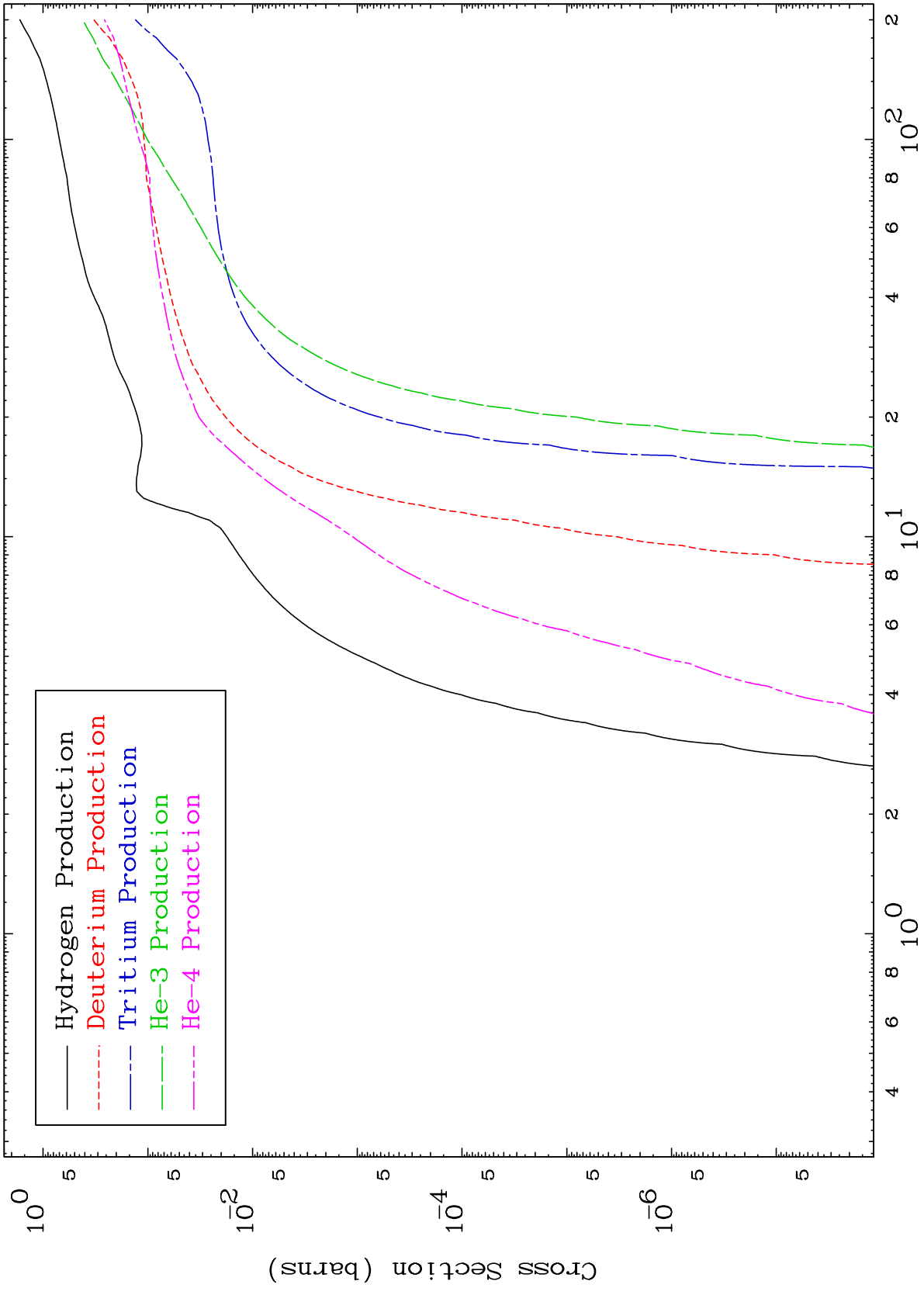
40-Zr-90



MAT 4025

Particle Production
293 Kelvin Cross Sections

40-Zr-90

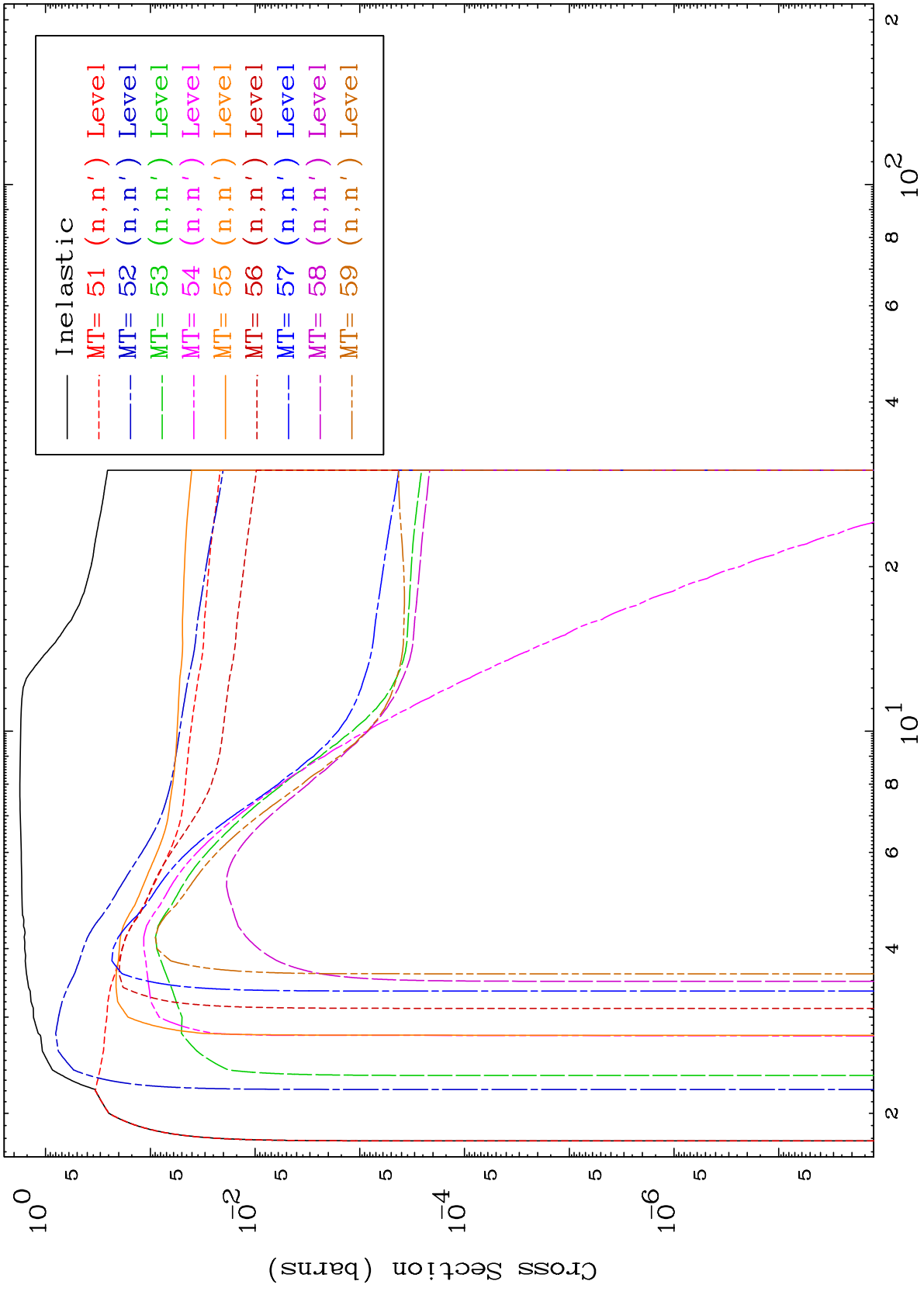


40-Zr-90

MAT 4025

(n,n') Level
293 Kelvin Cross Sections

40-Zr-90



6

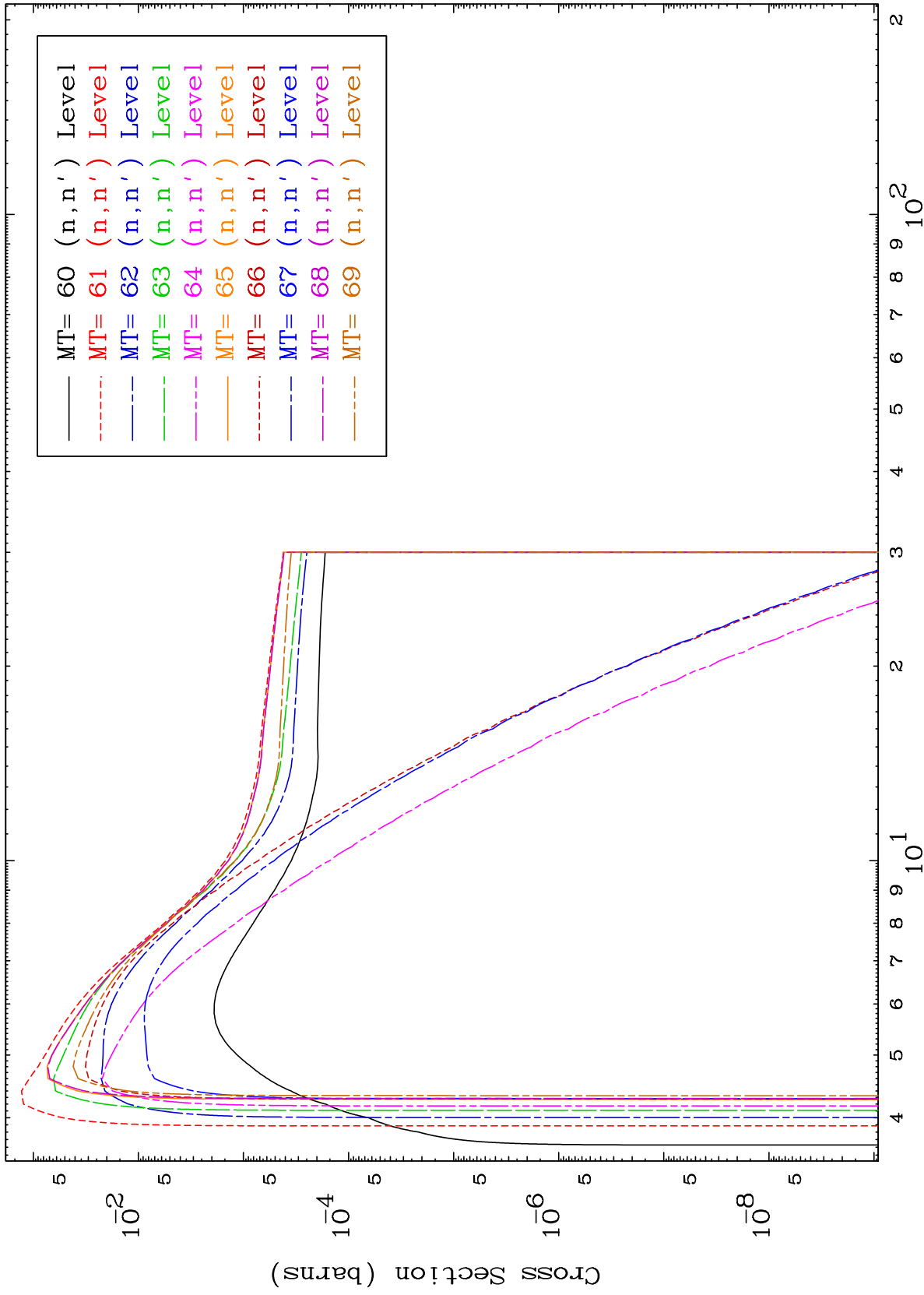
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,n') Level
293 Kelvin Cross Sections

40-Zr-90



7

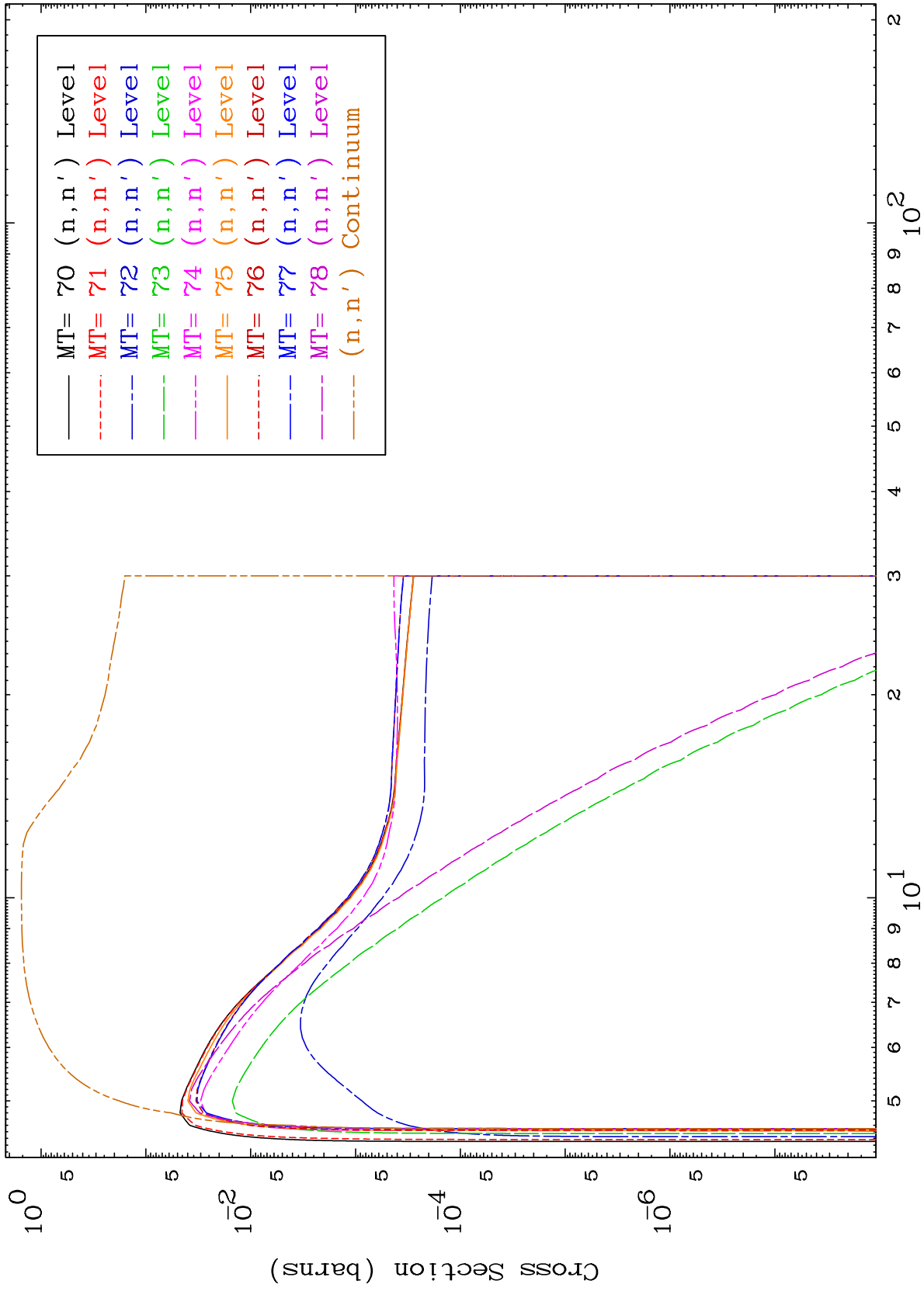
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,n') Level
293 Kelvin Cross Sections

40-Zr-90



8

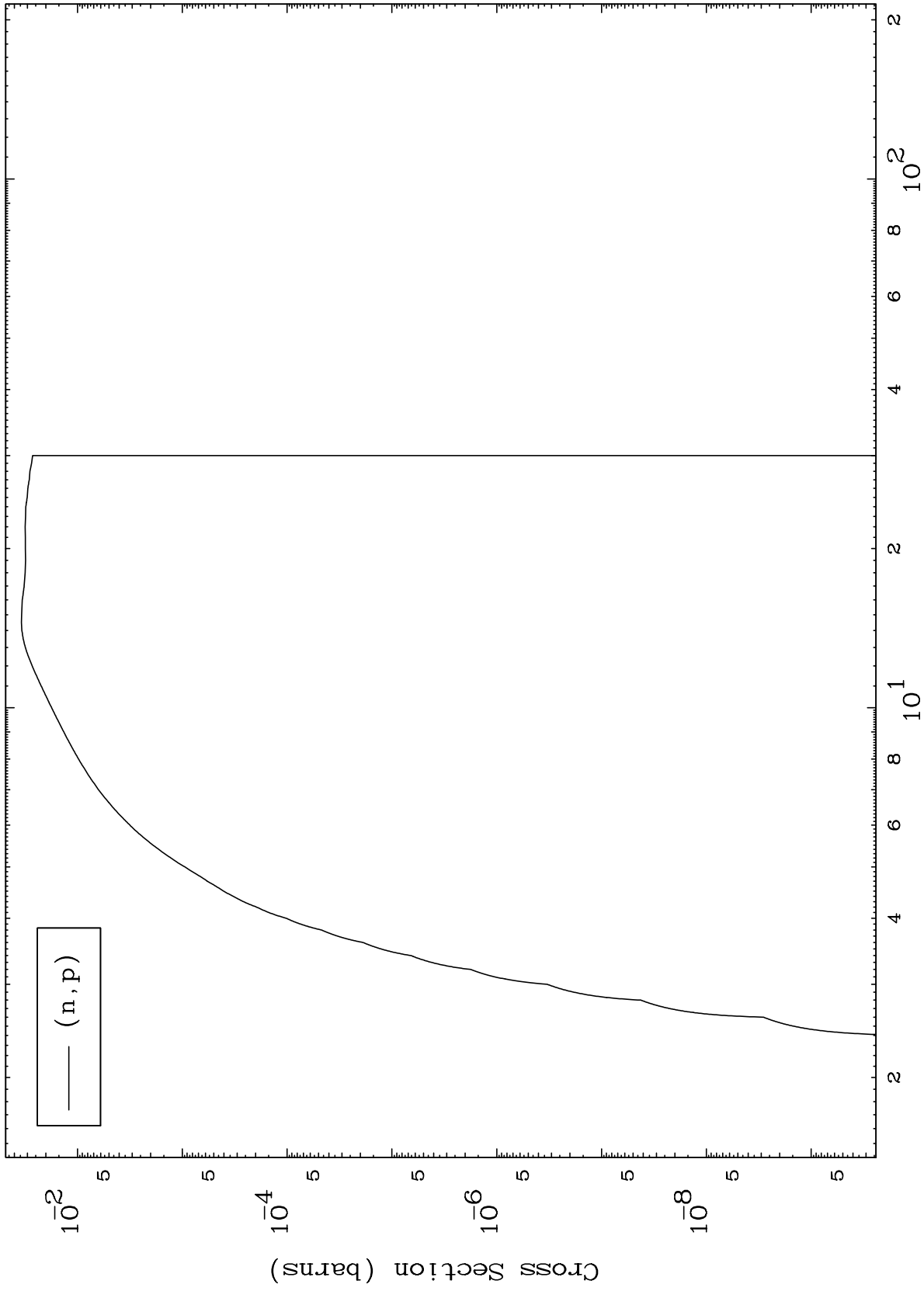
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,p) Levels
293 Kelvin Cross Sections

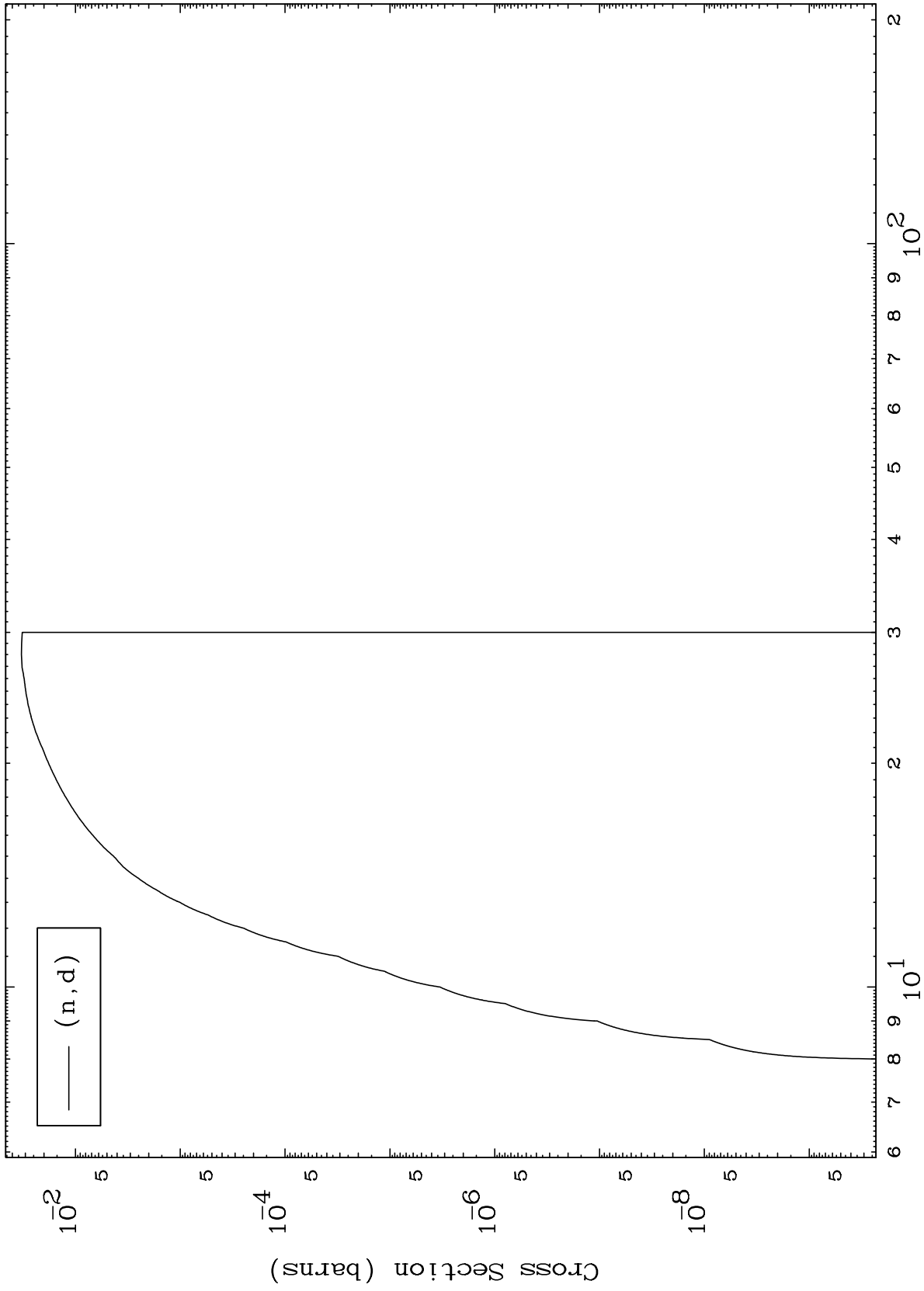
40-Zr-90



MAT 4025

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-90



10

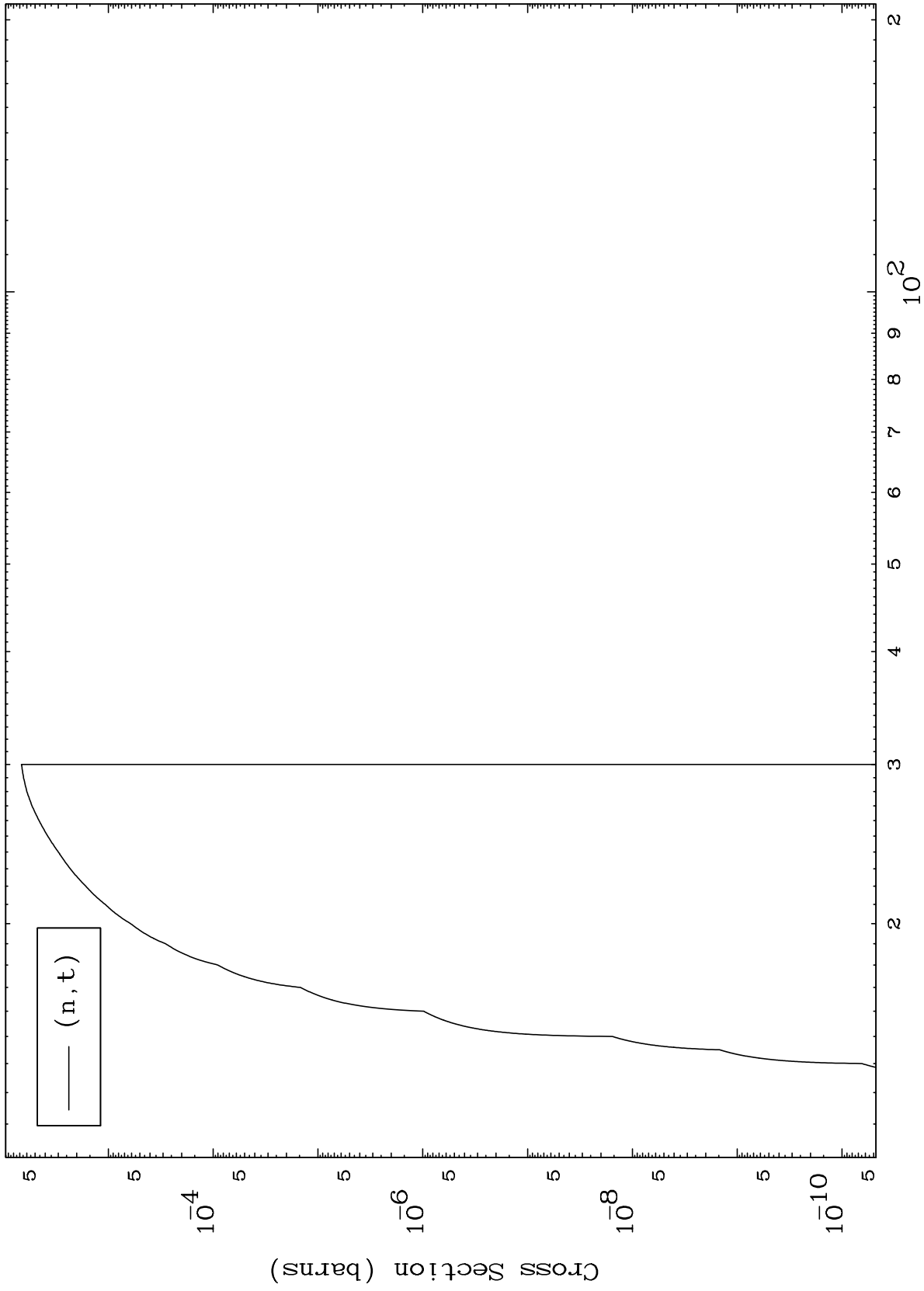
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-90



11

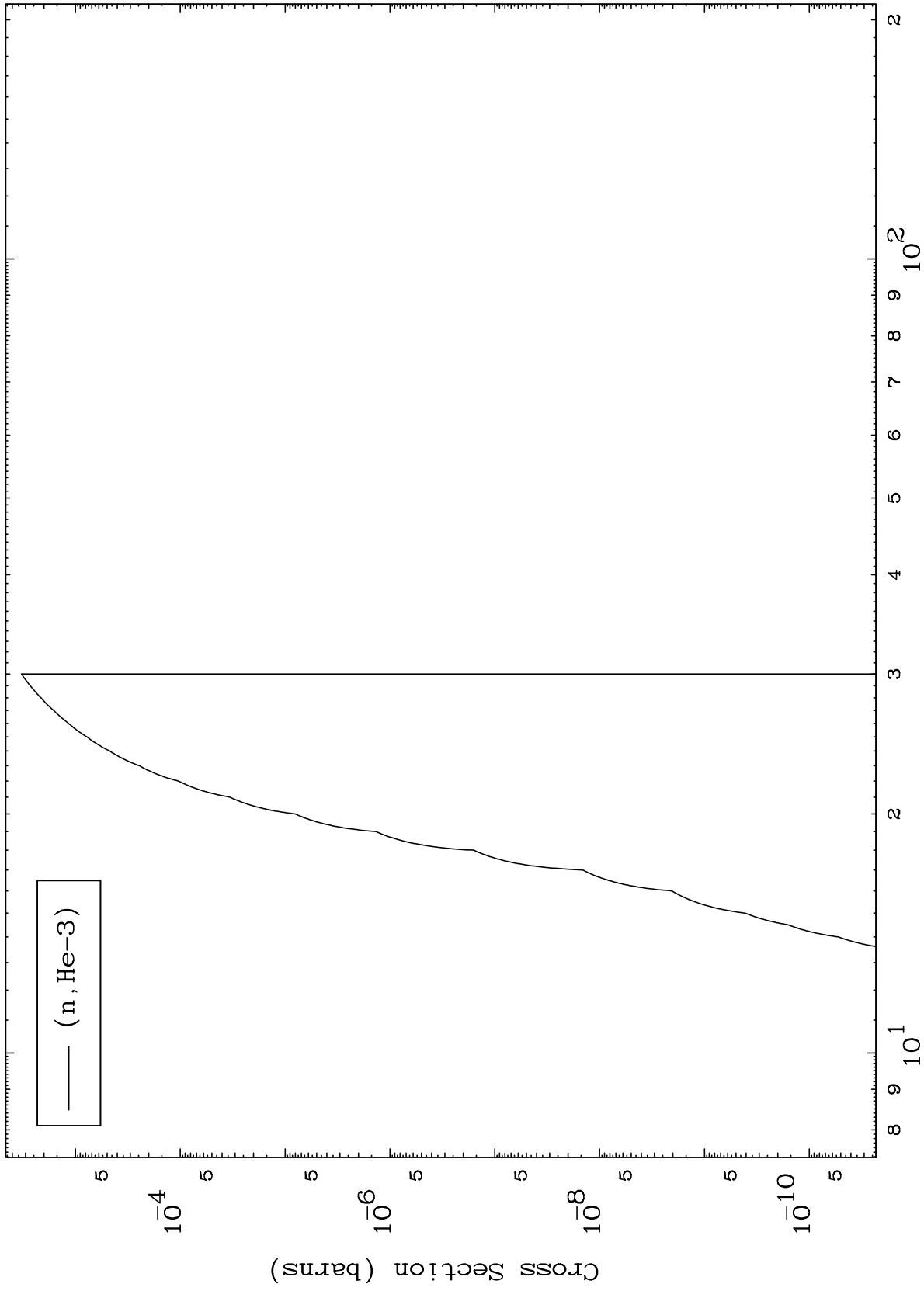
Incident Energy (MeV)

40-Zr-90

MAT 4025

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-90



12

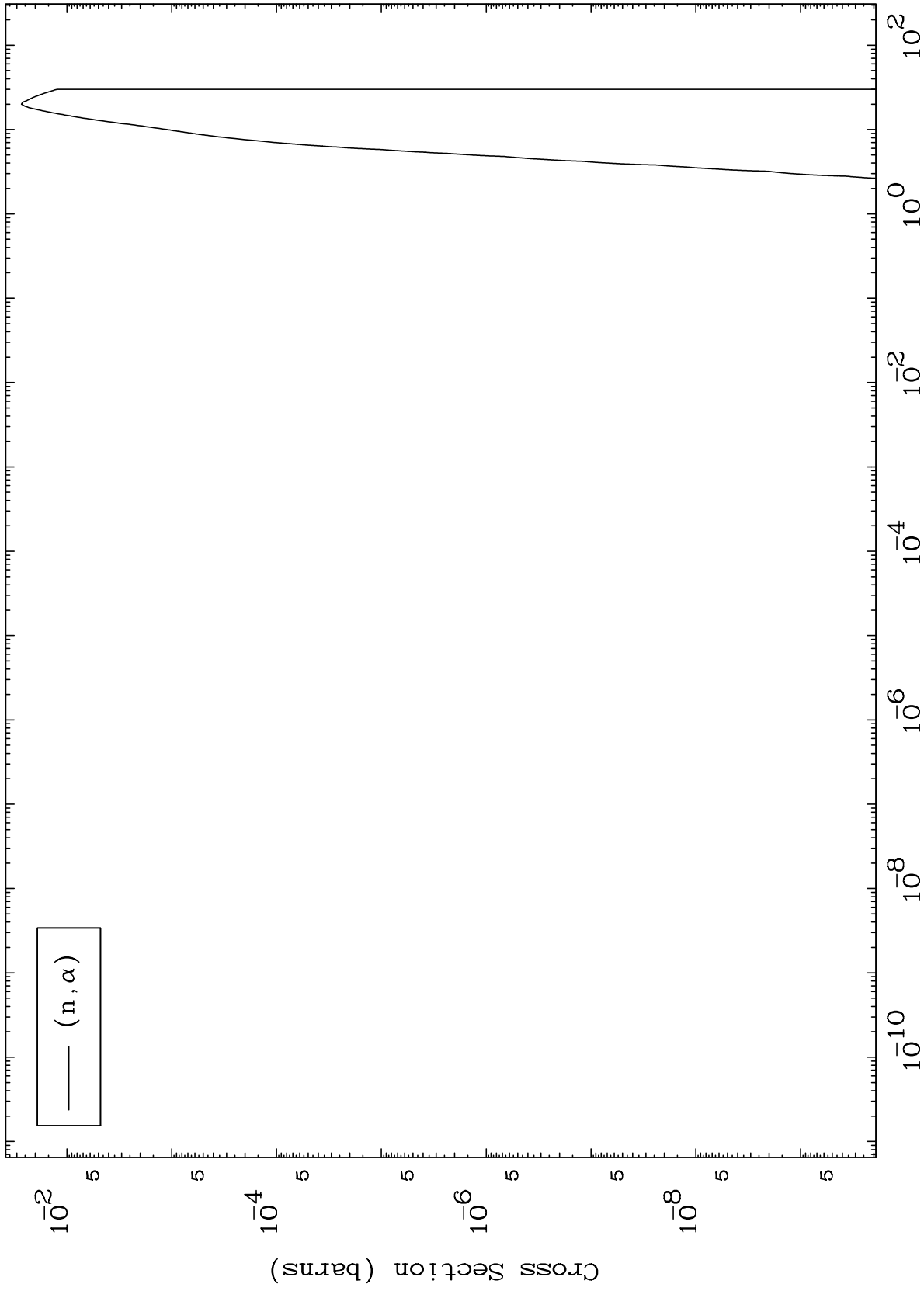
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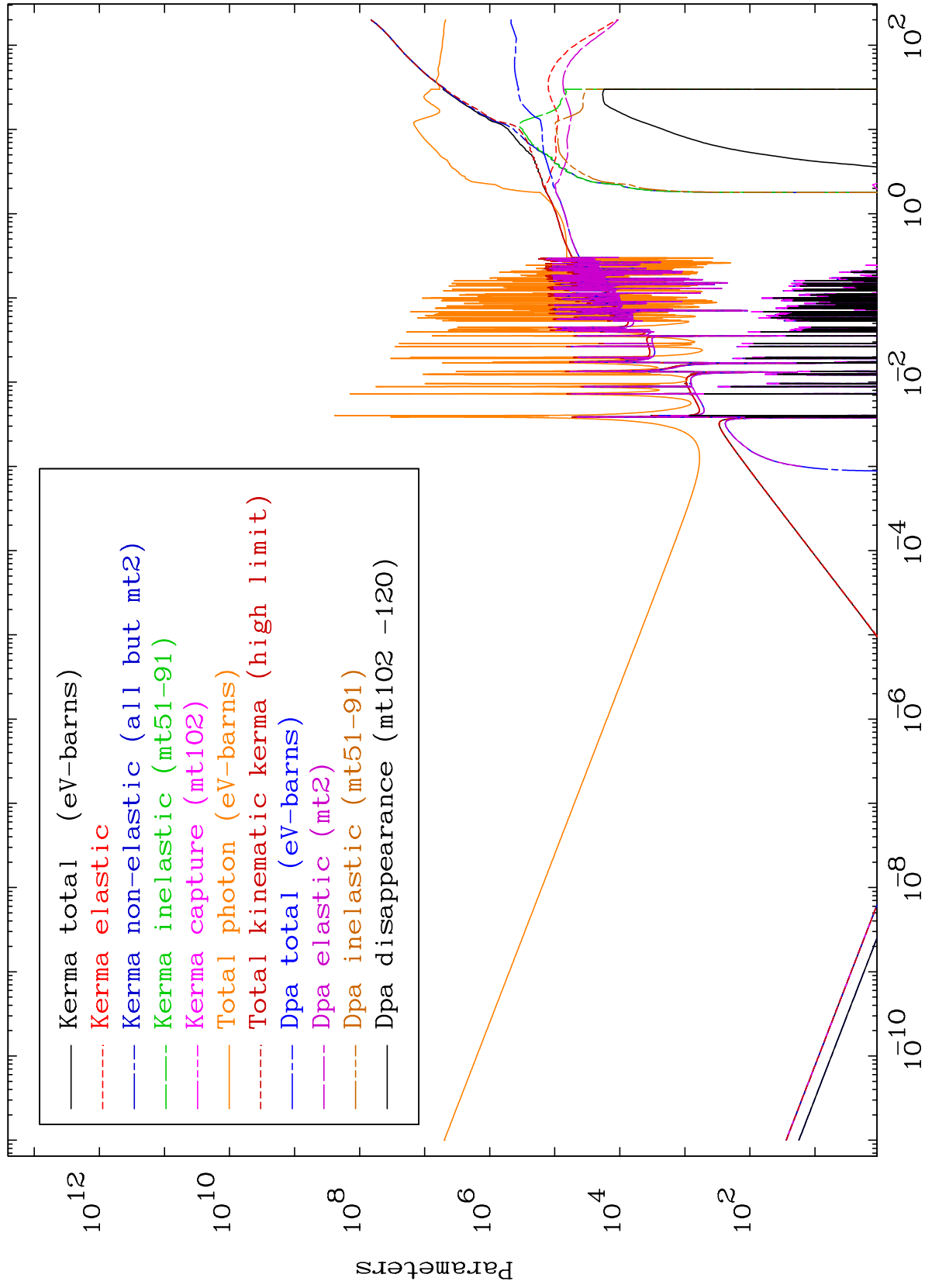
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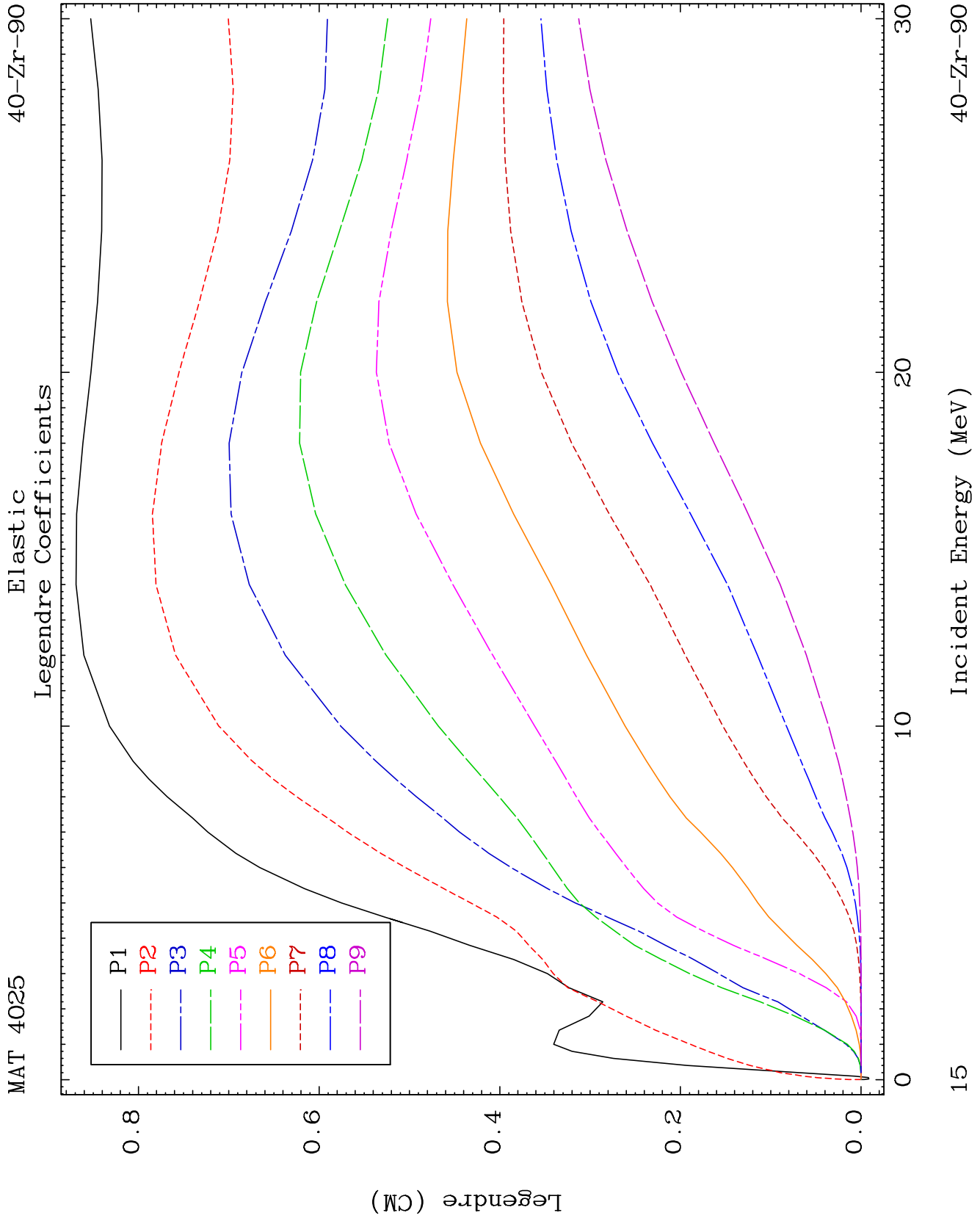
MAT 4025

(n,α) Levels
293 Kelvin Cross Sections

40-Zr-90



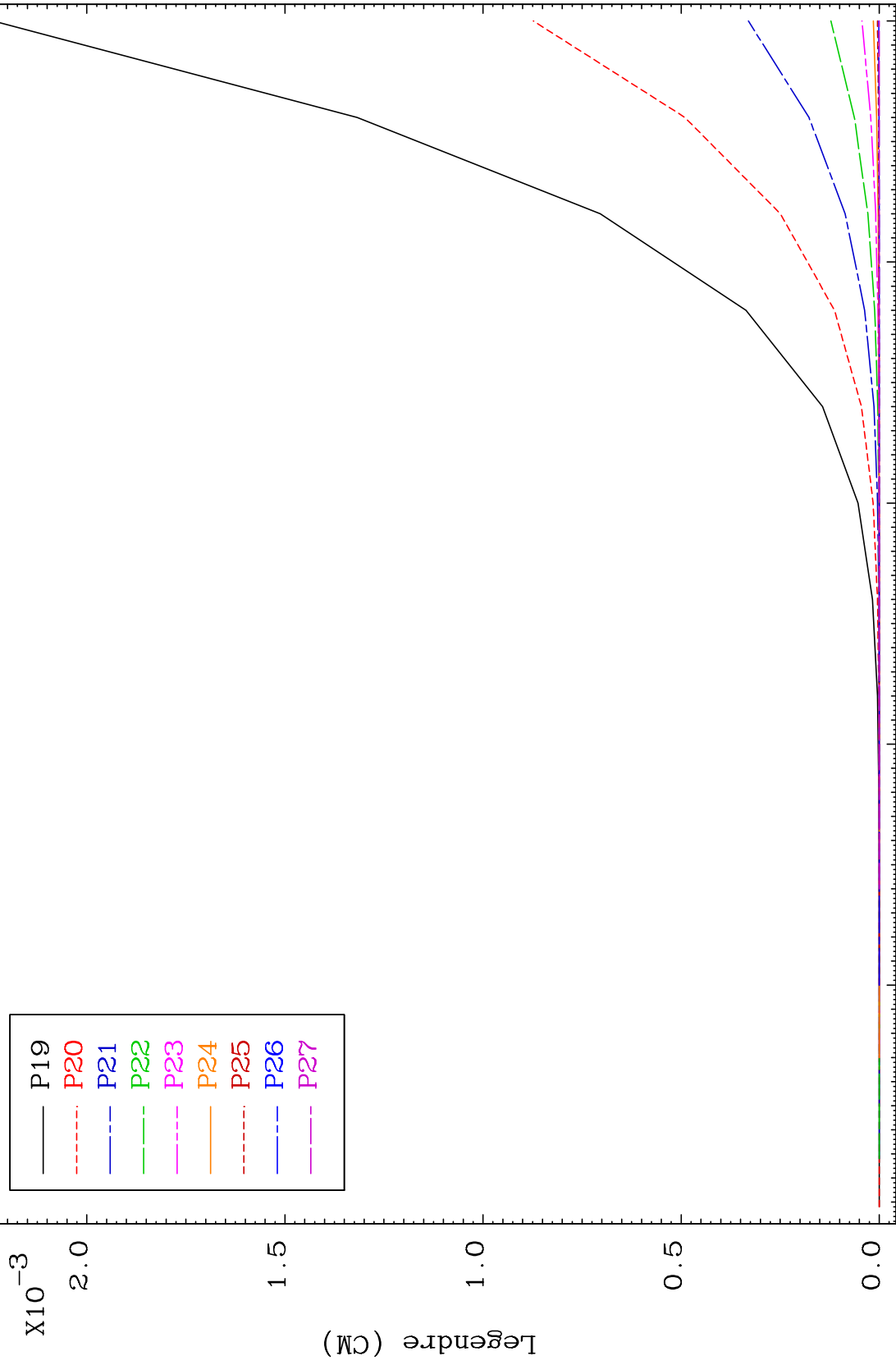
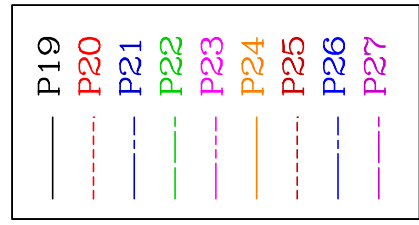




MAT 4025

Elastic Legendre Coefficients

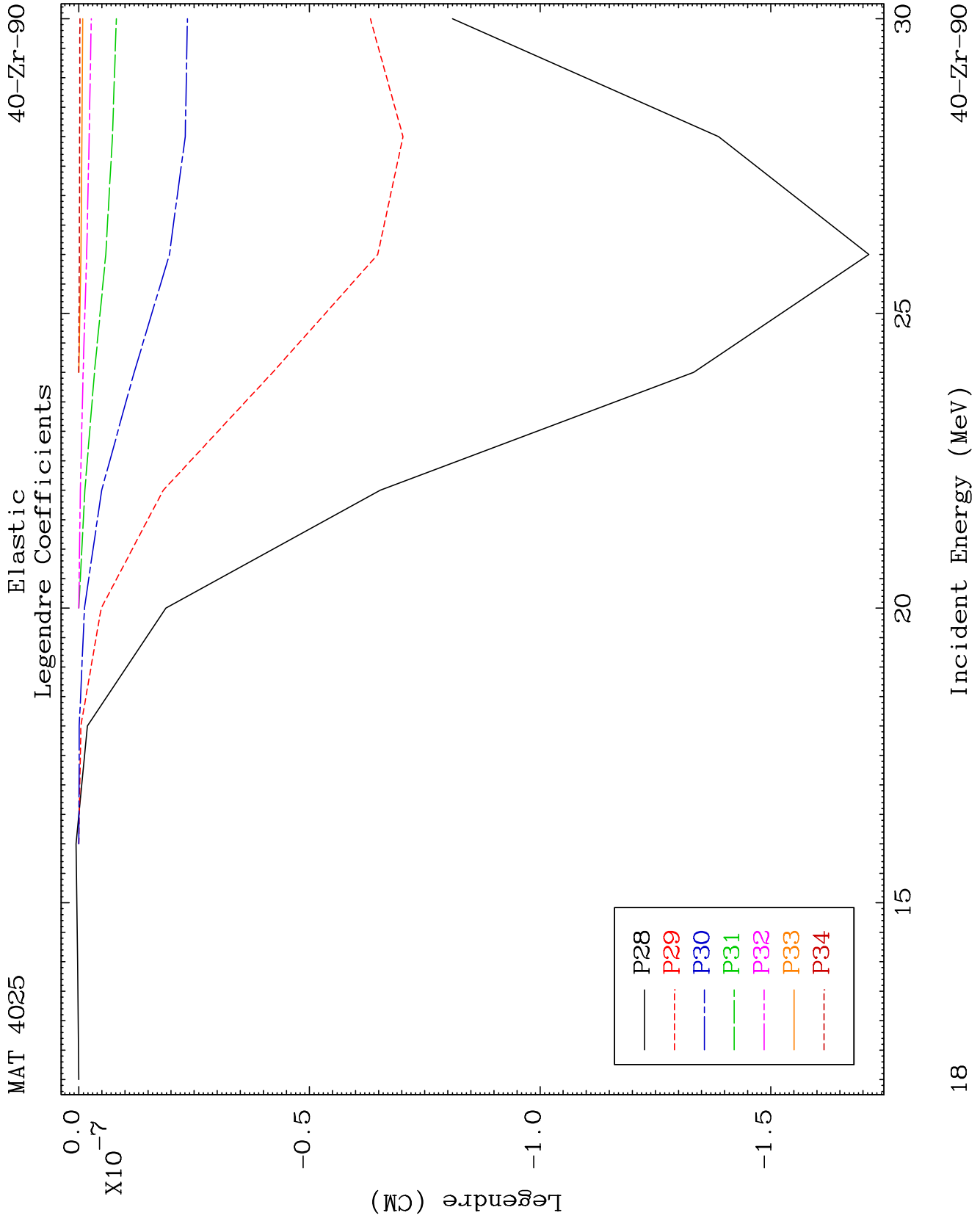
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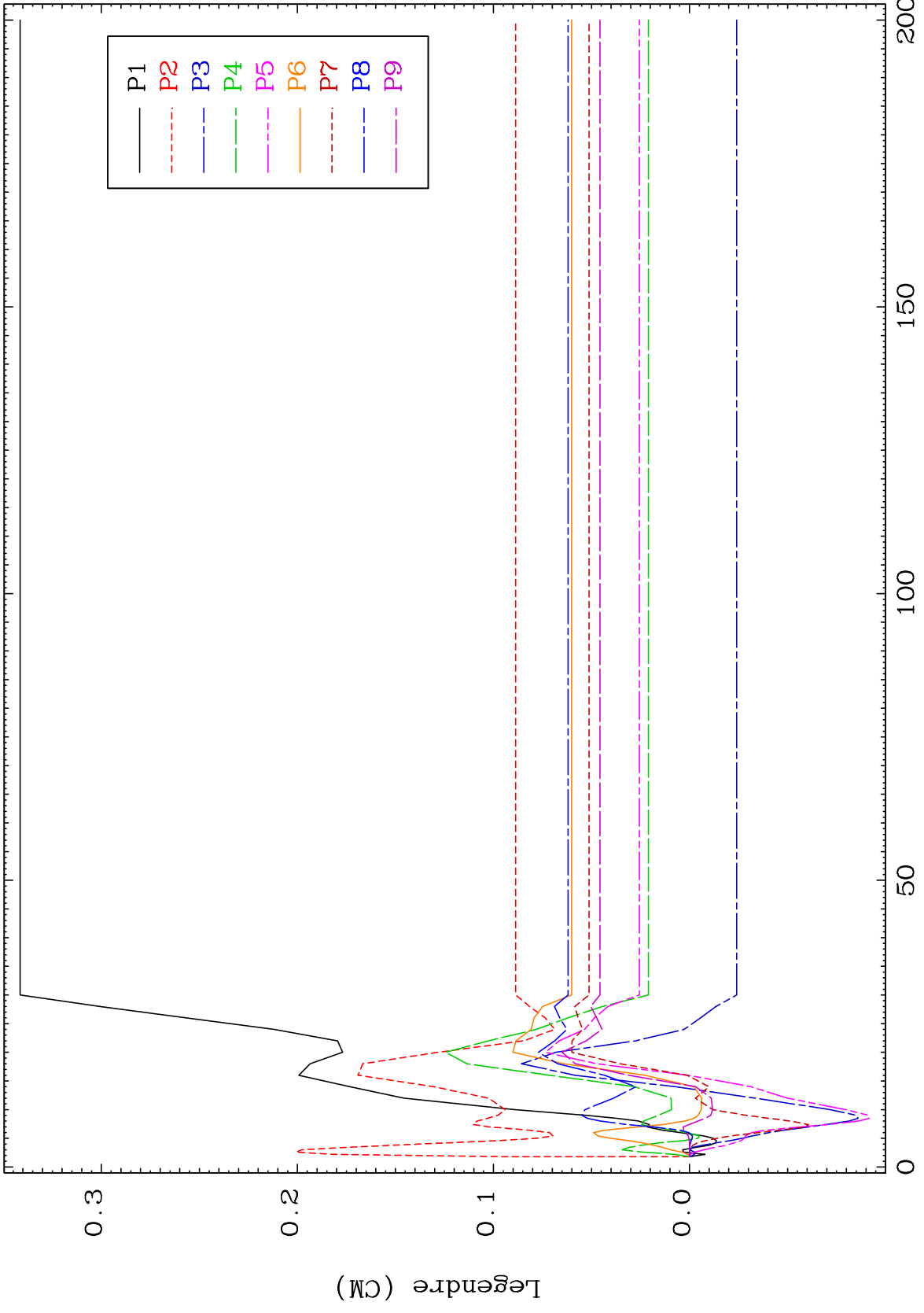
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Incident Energy (MeV)

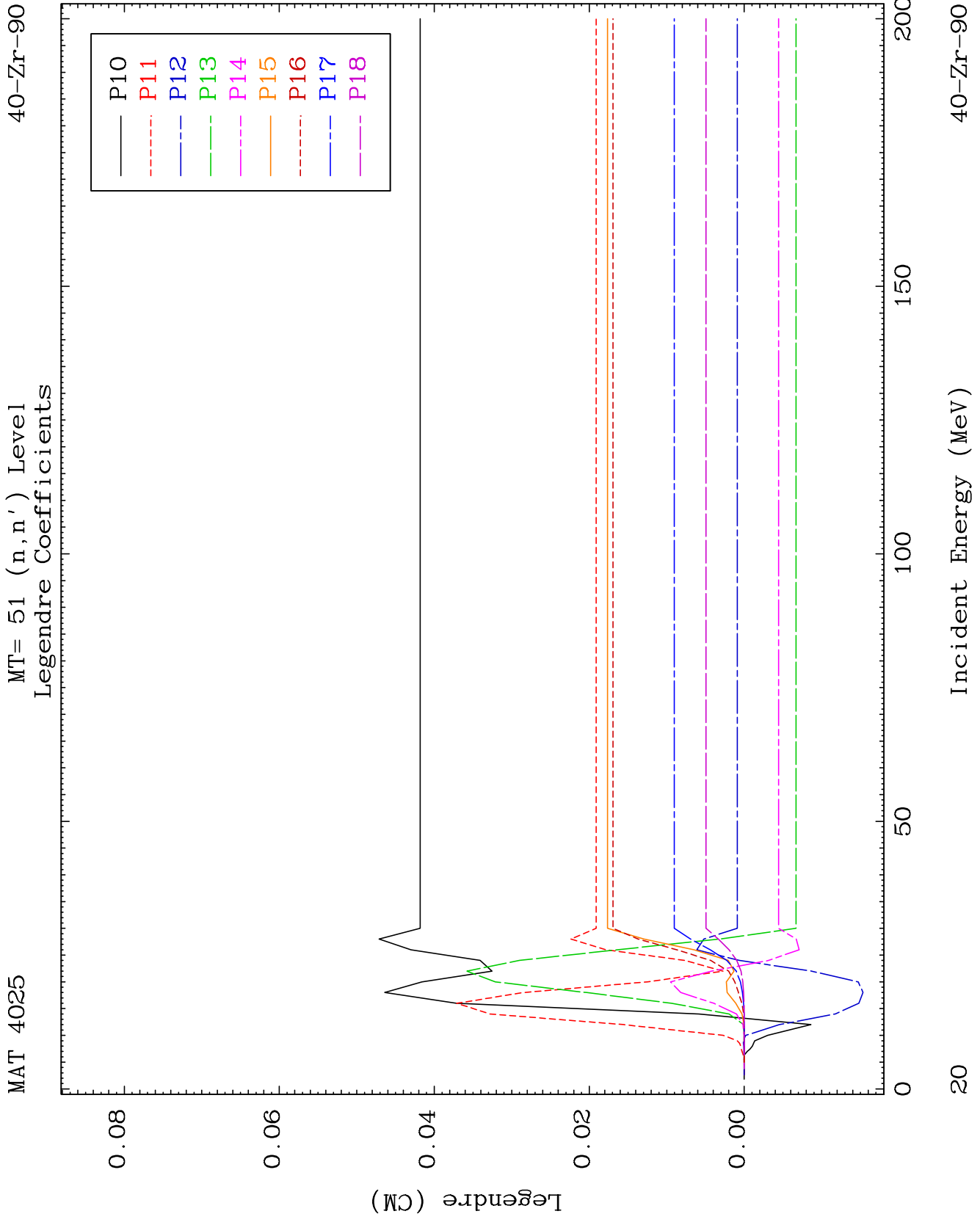
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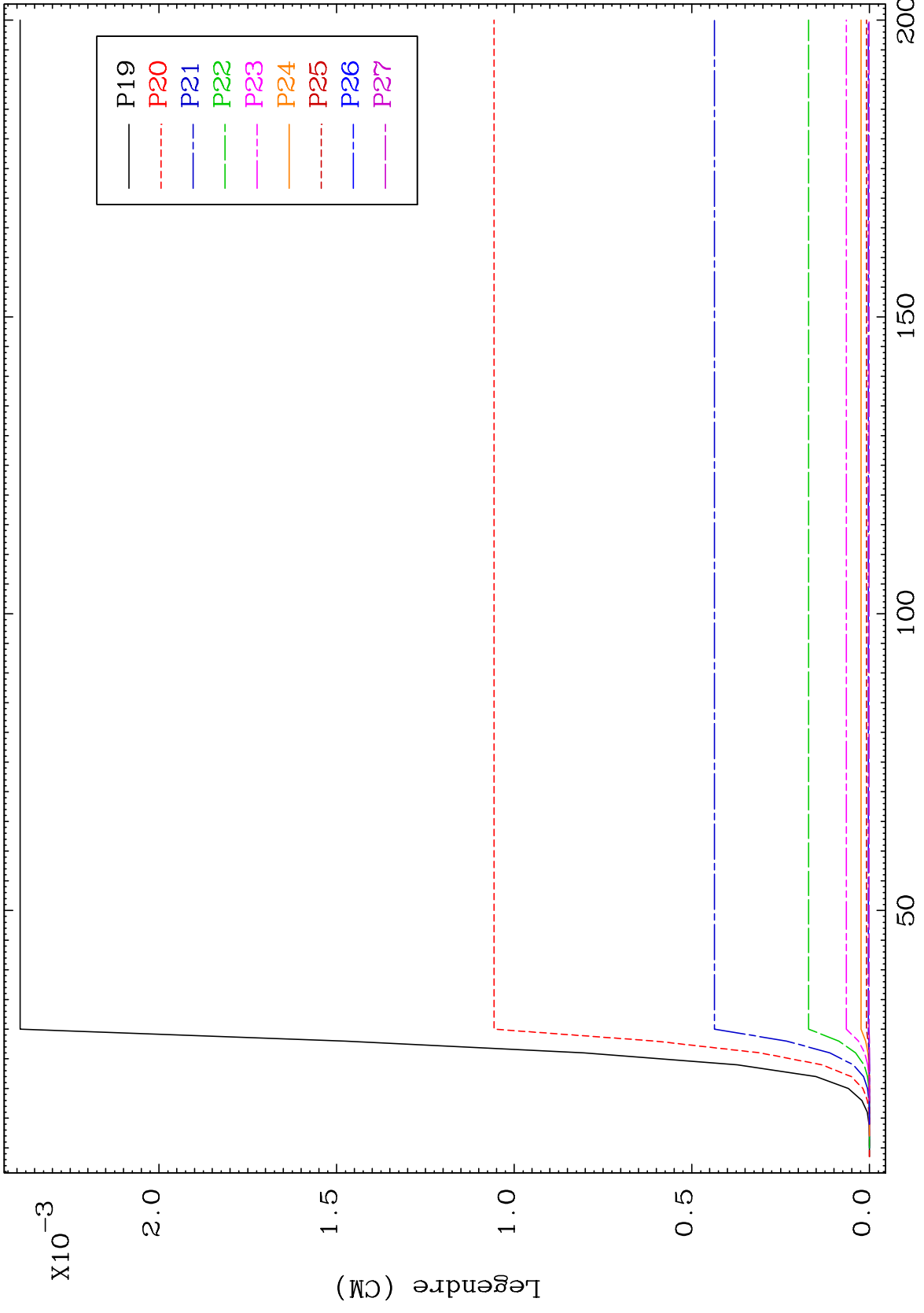
MAT 4025 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-90



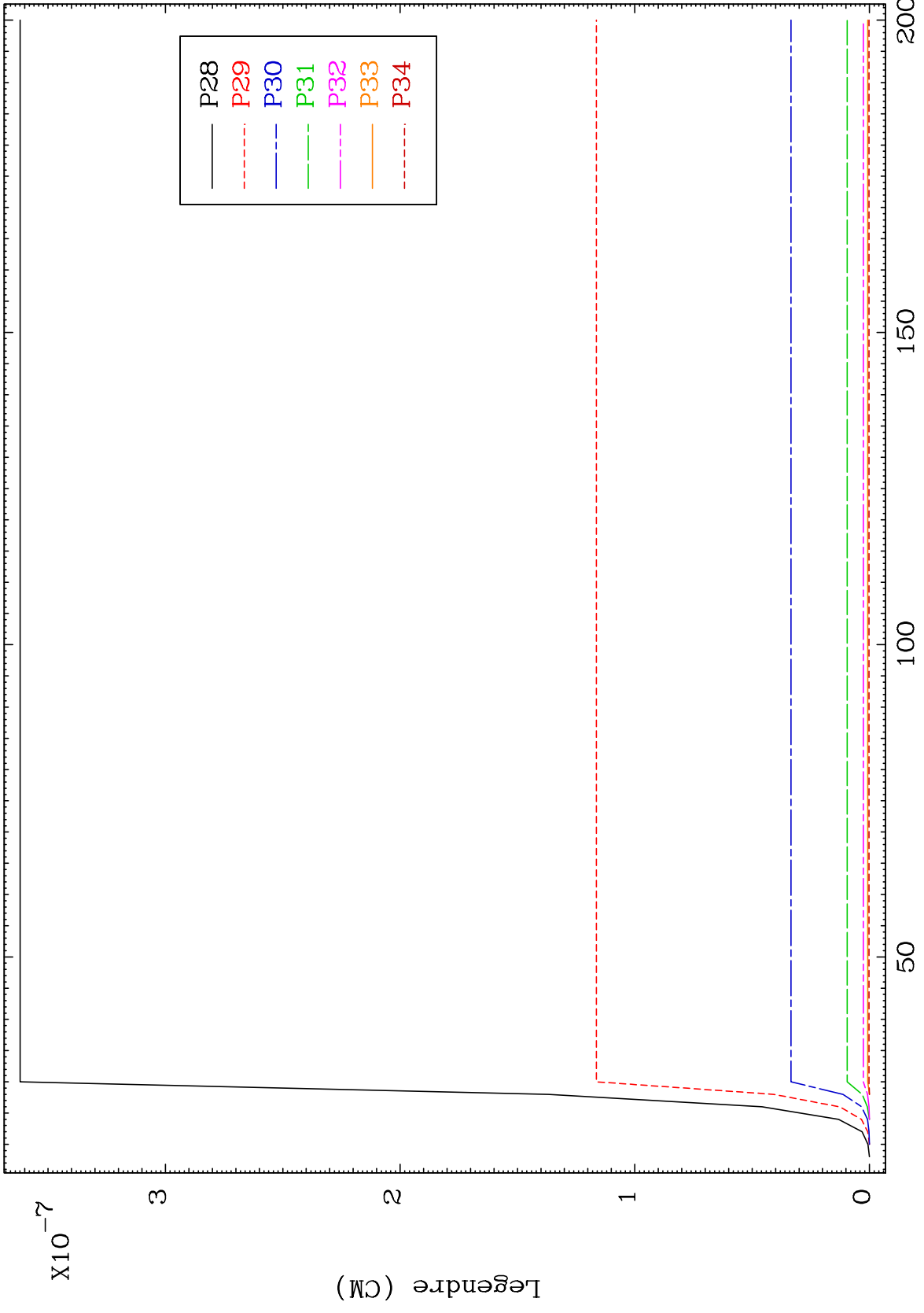
19 40-Zr-90



MAT 4025 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-90

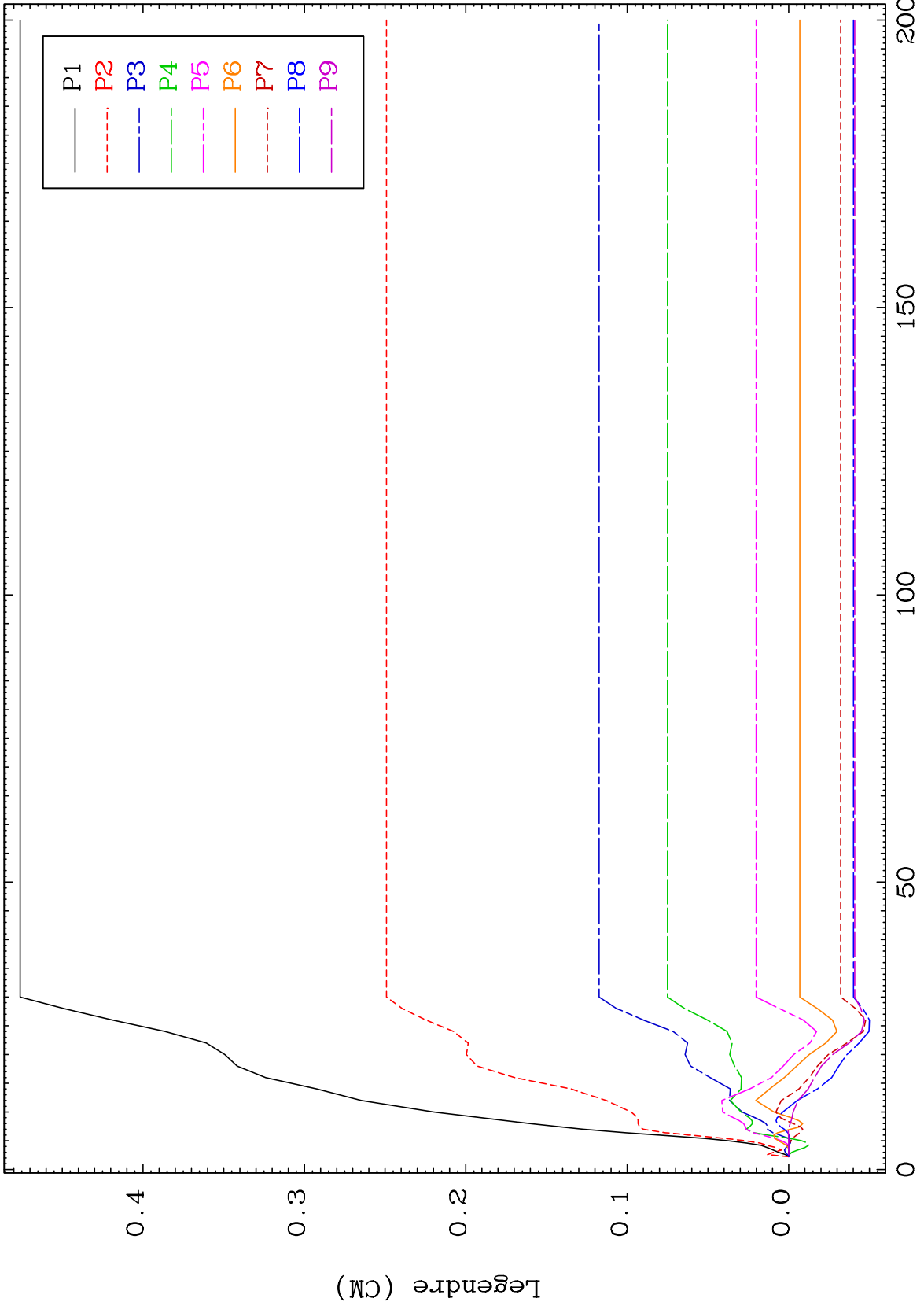


MAT 4025 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-90



22 50 100 150 200 40-Zr-90

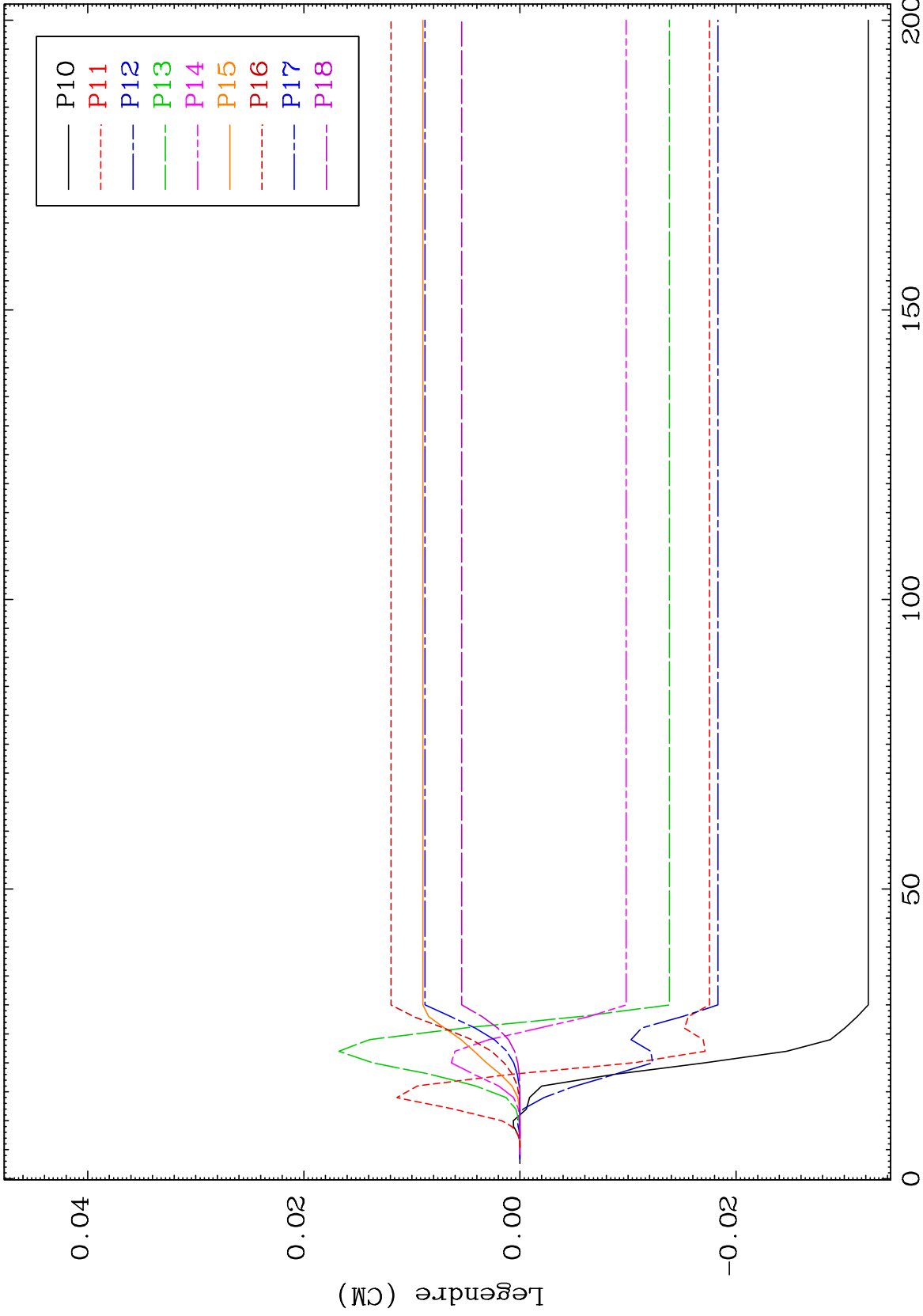
MAT 4025 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-90



MAT 4025

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

40-Zr-90

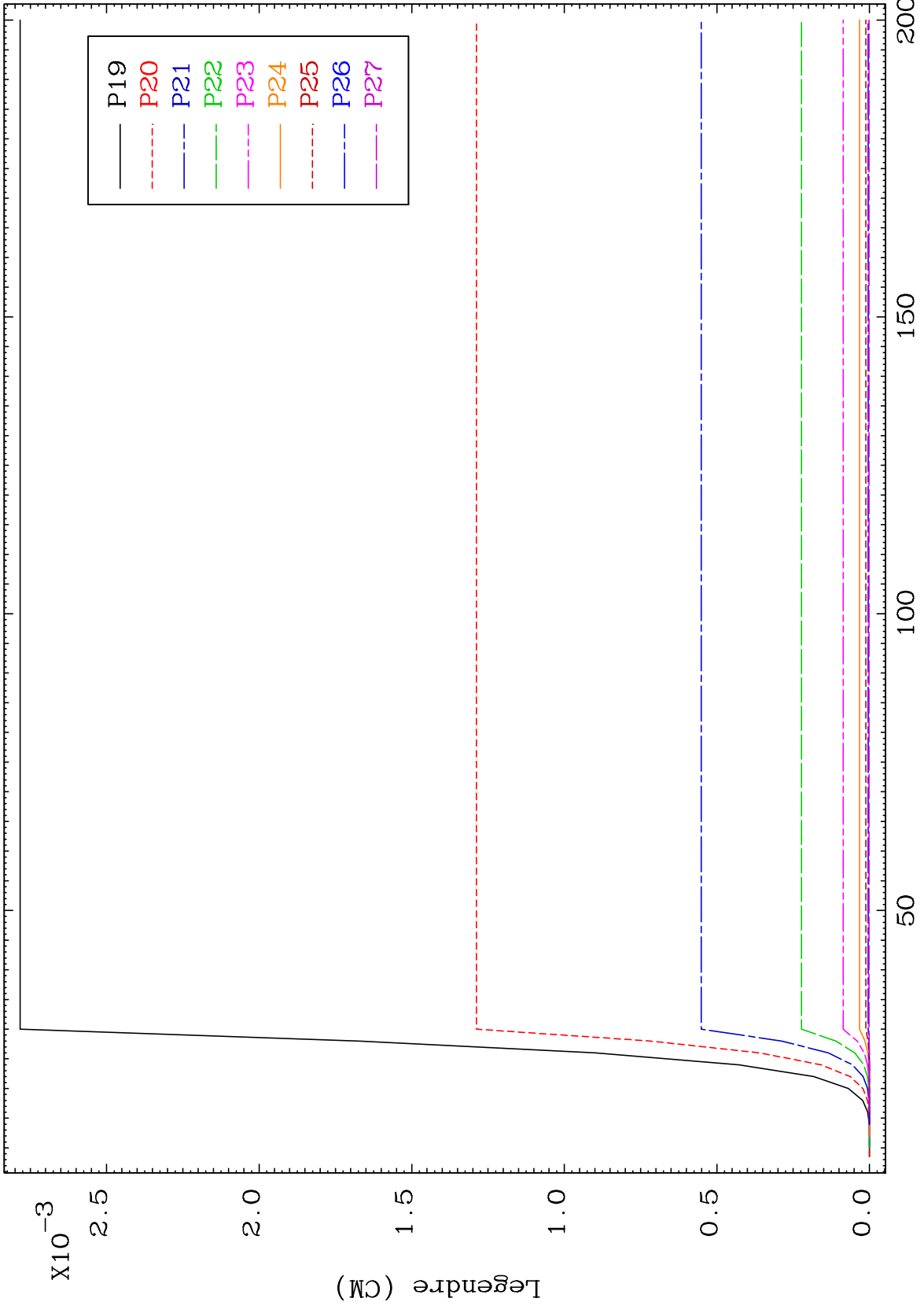


24

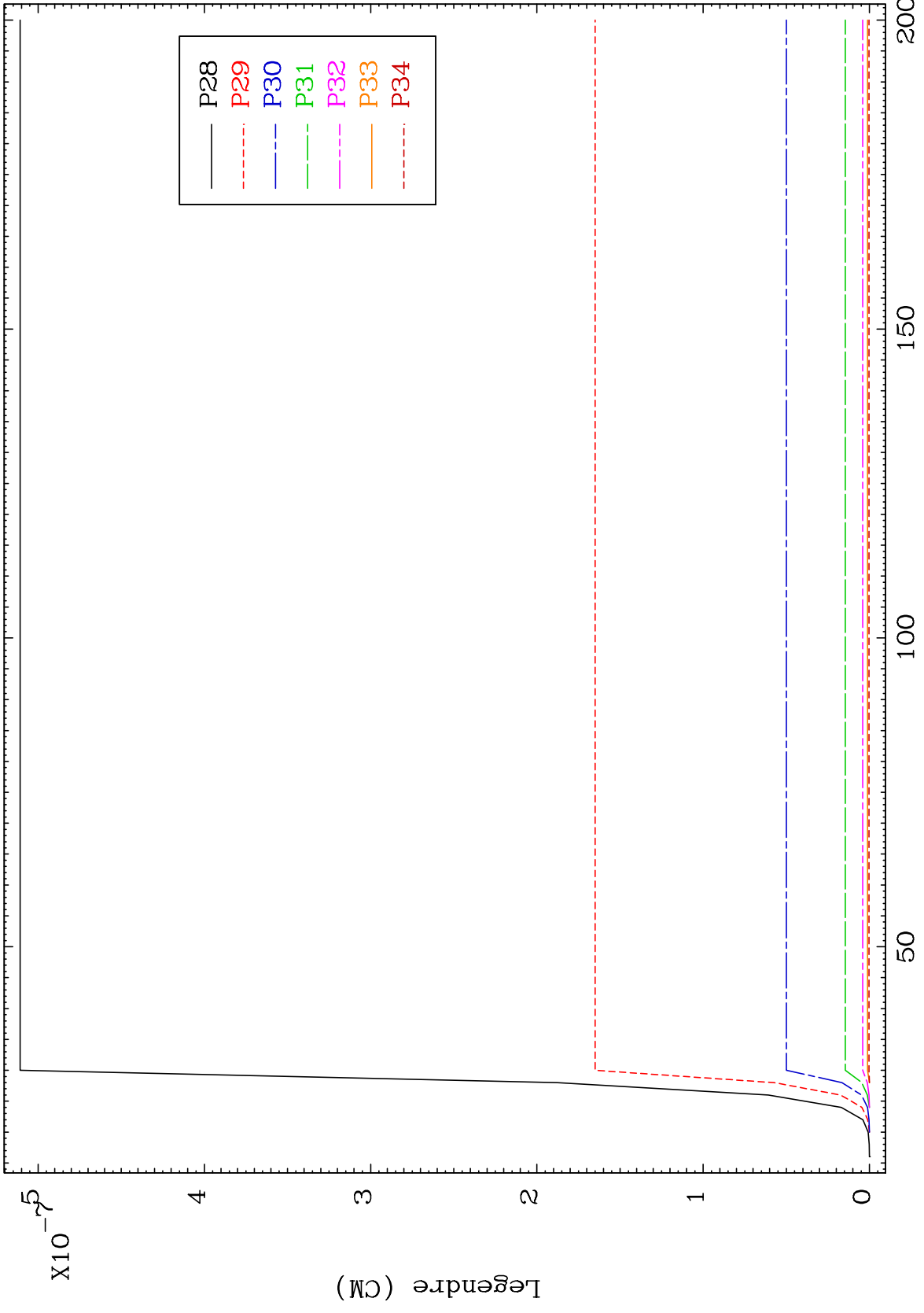
Incident Energy (MeV)

40-Zr-90

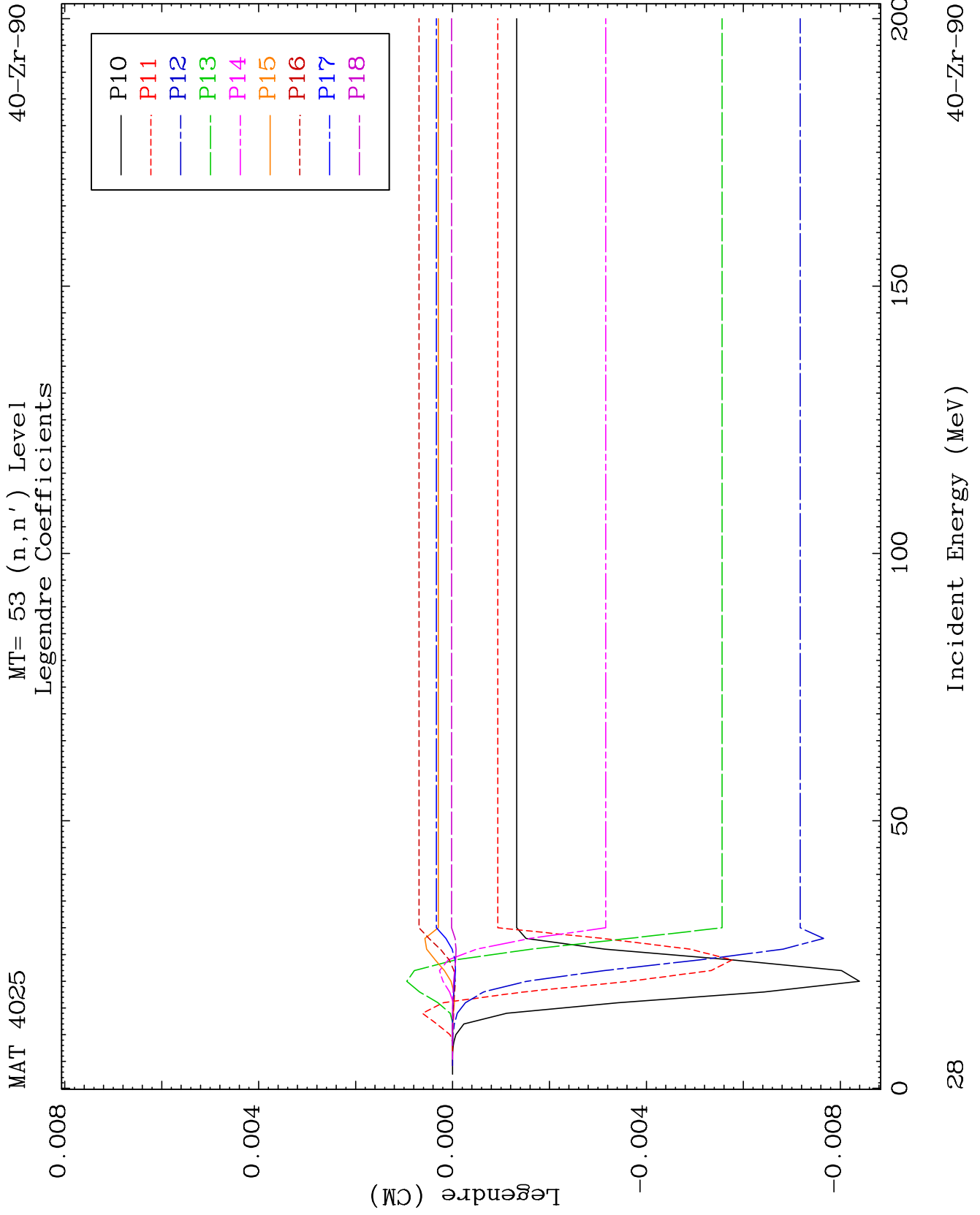
MAT 4025 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-90



MAT 4025 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-90



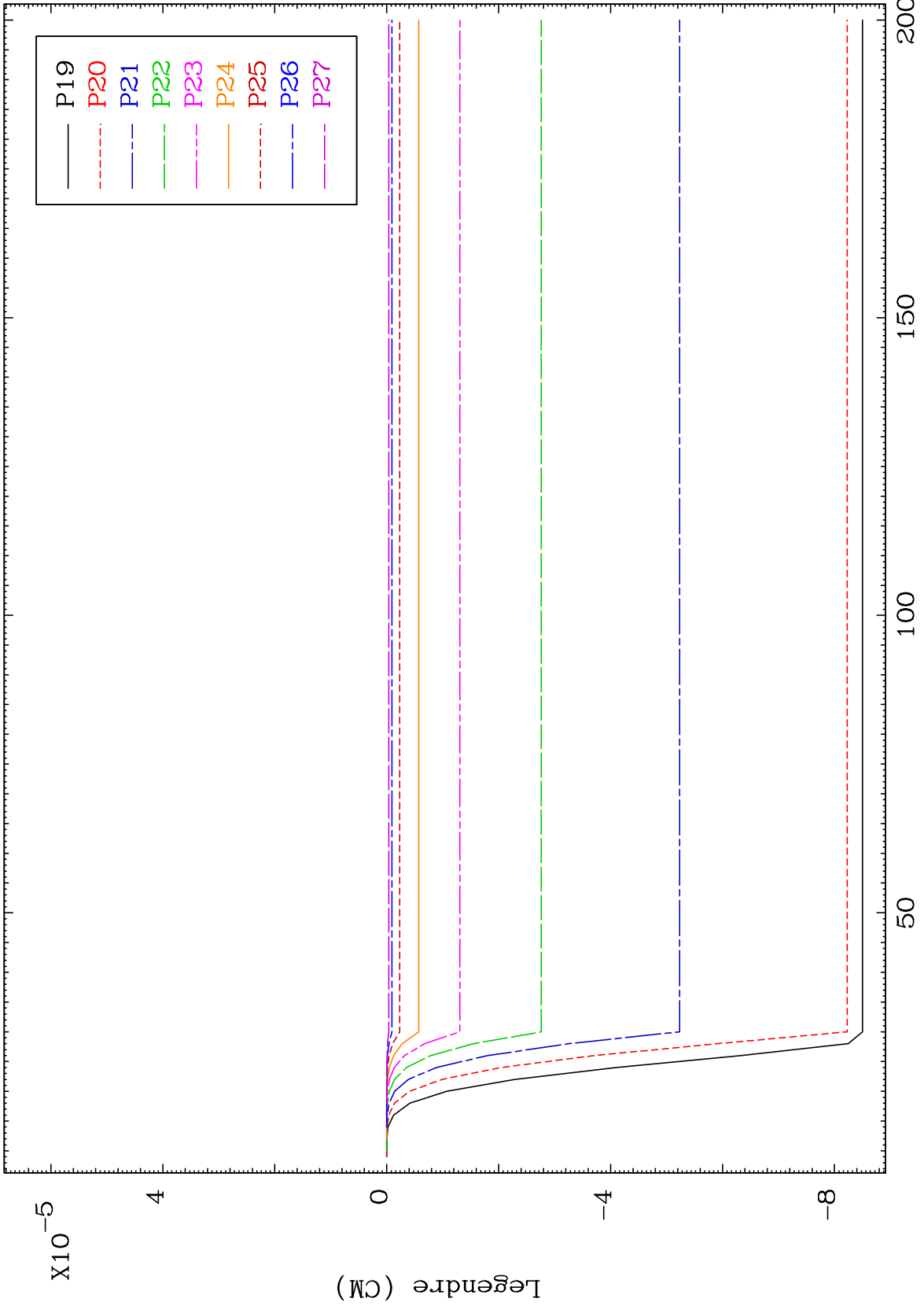
26 40-Zr-90



MAT 4025

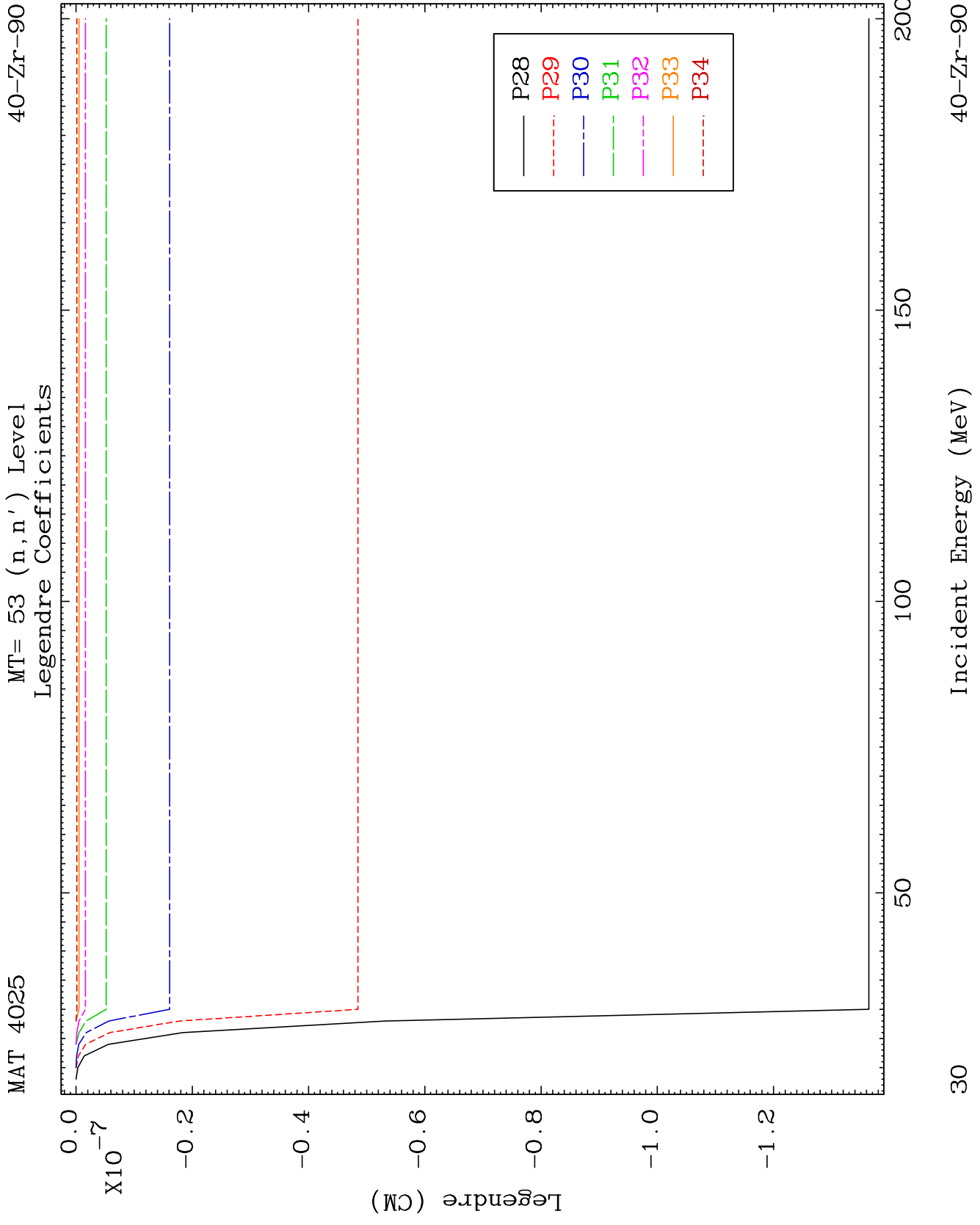
MT= 53 (n,n') Level
Legendre Coefficients

40-Zr-90

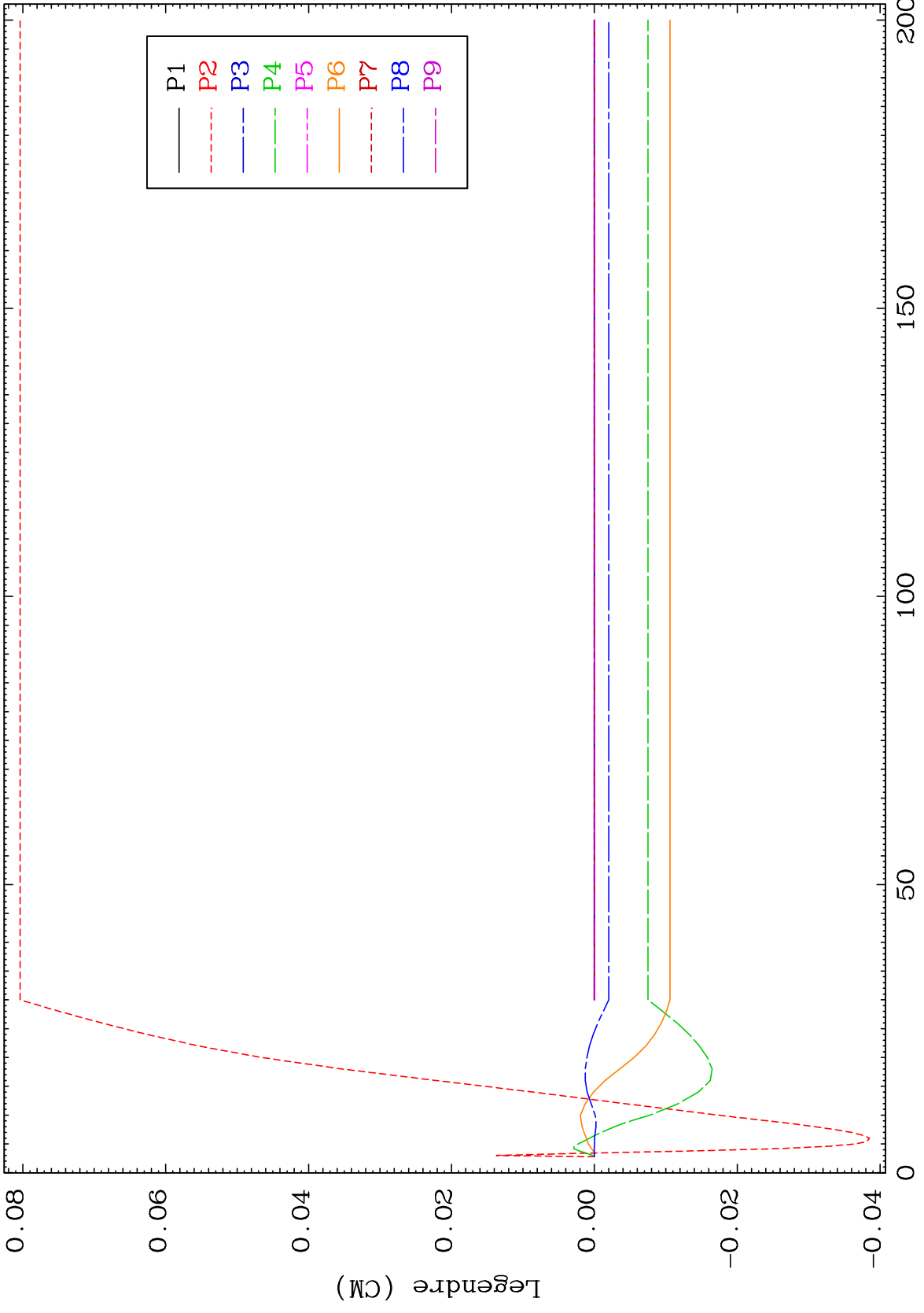


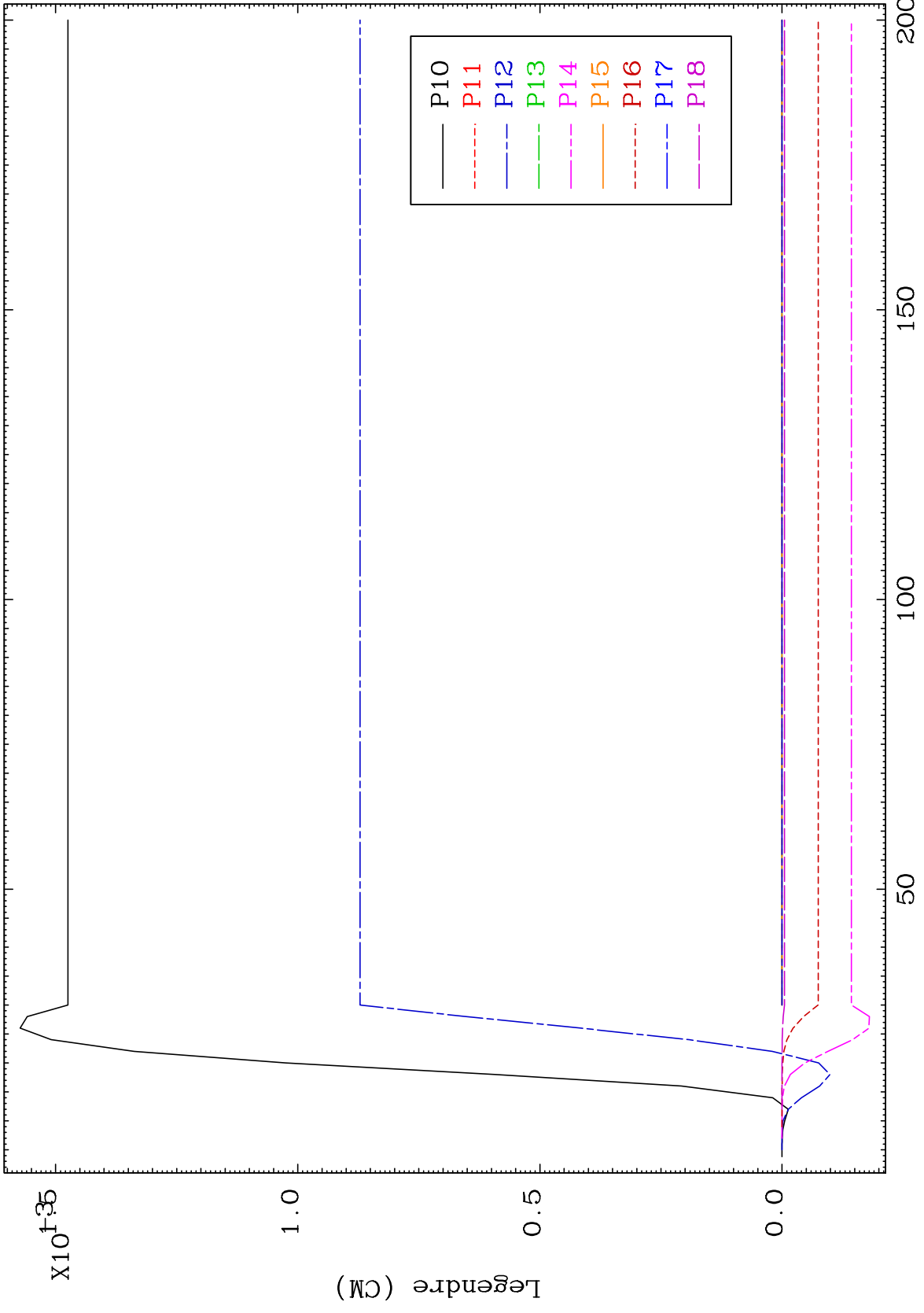
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40-Zr-90

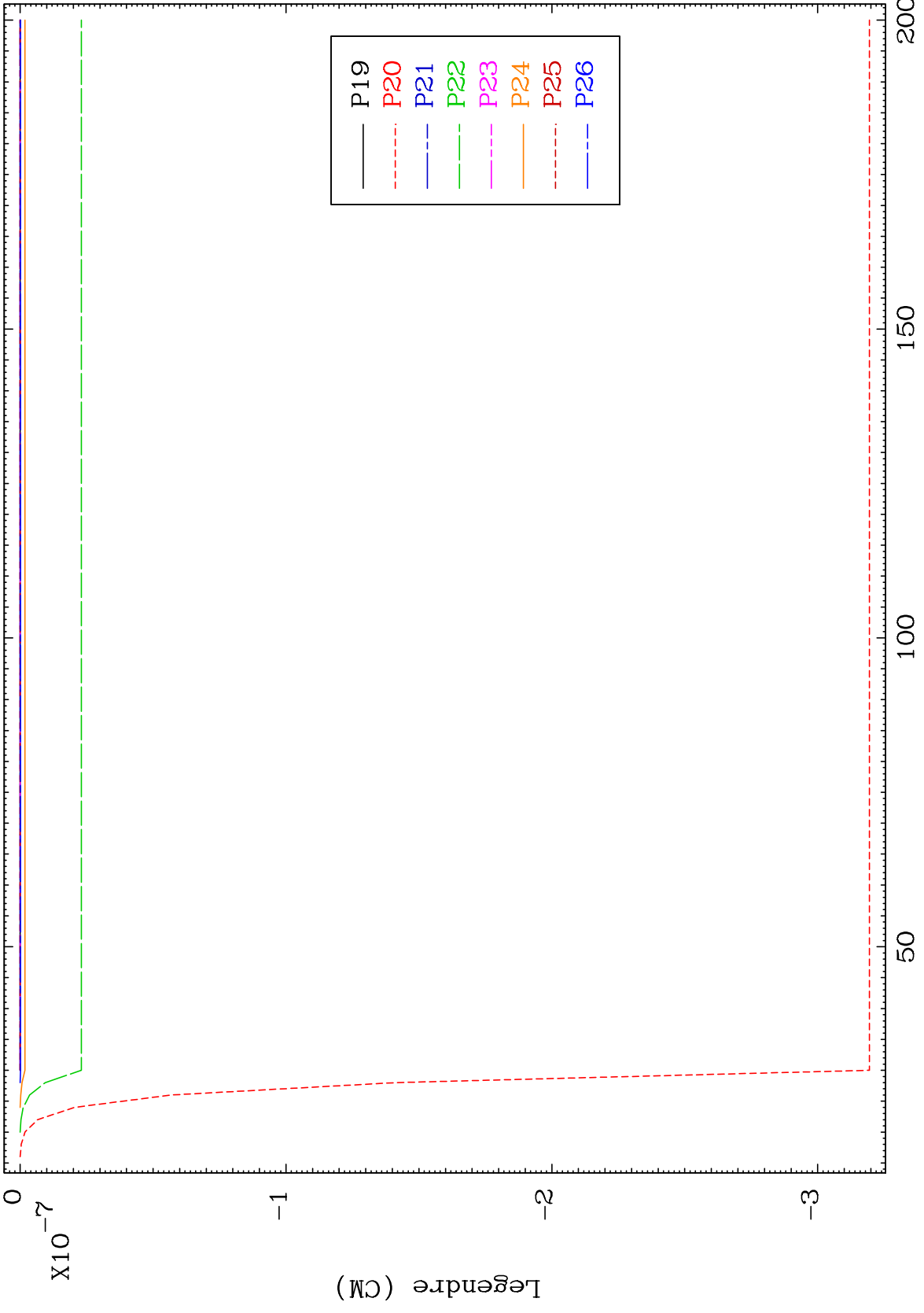


MAT 4025 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-90

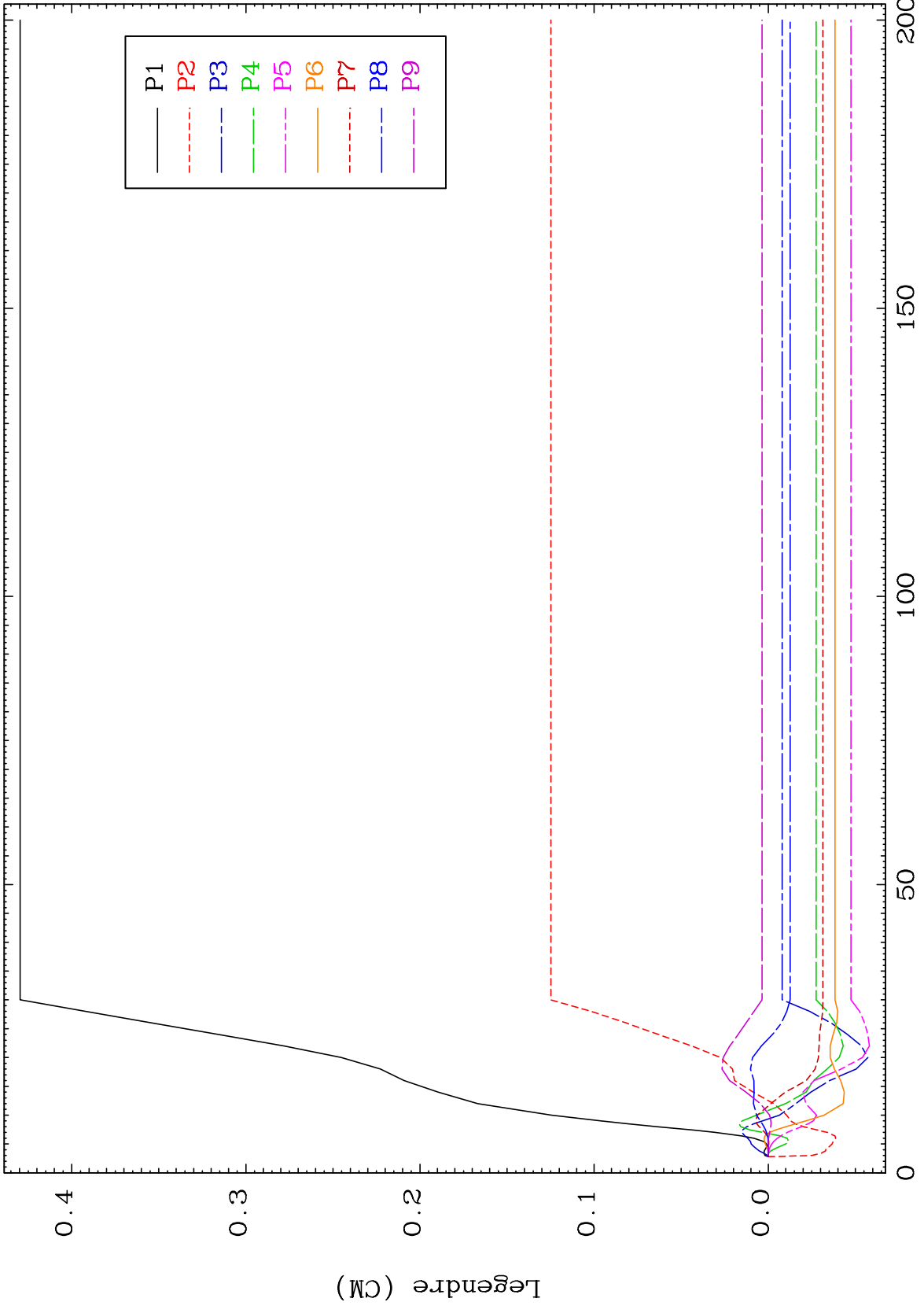


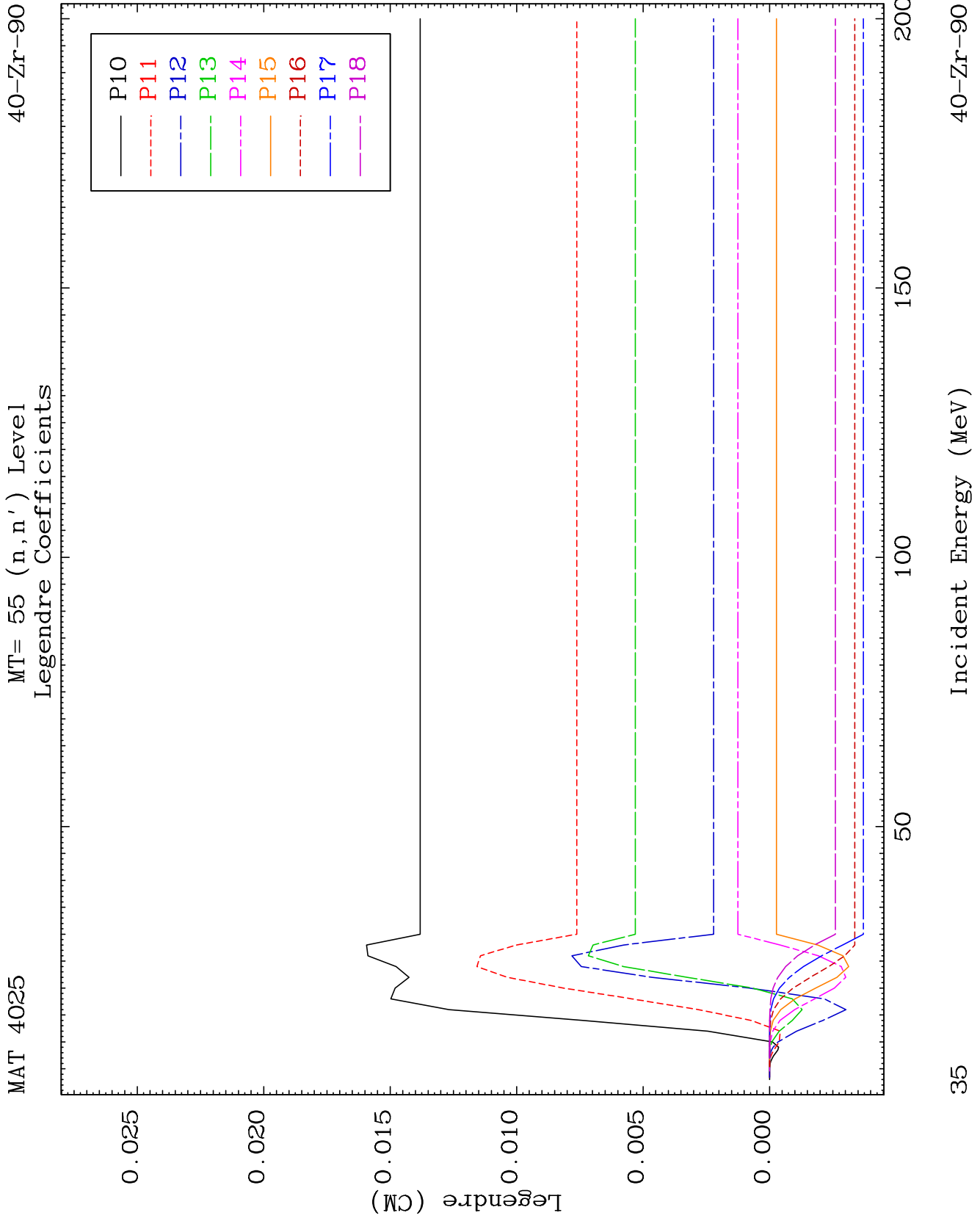


MAT 4025 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-90

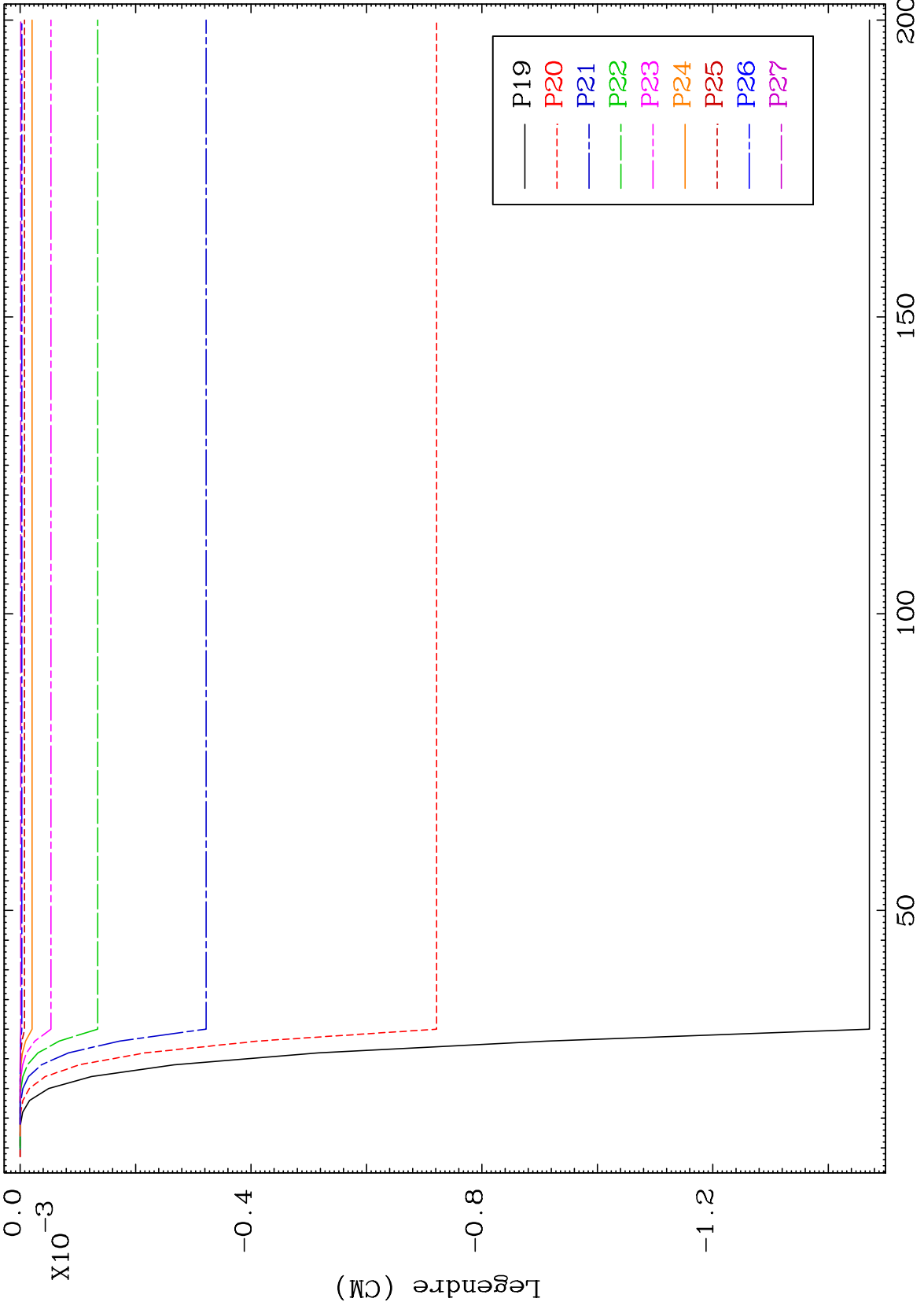


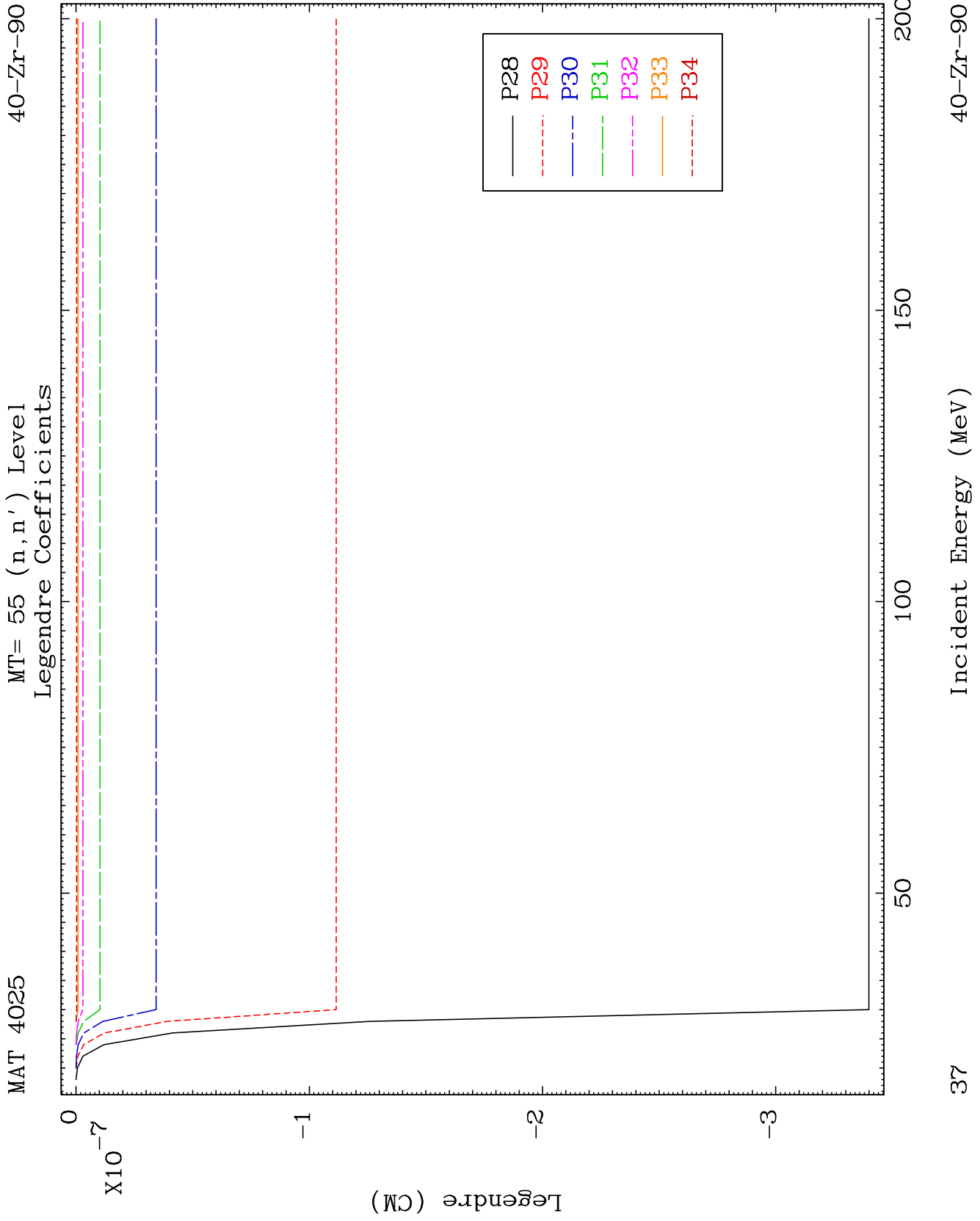
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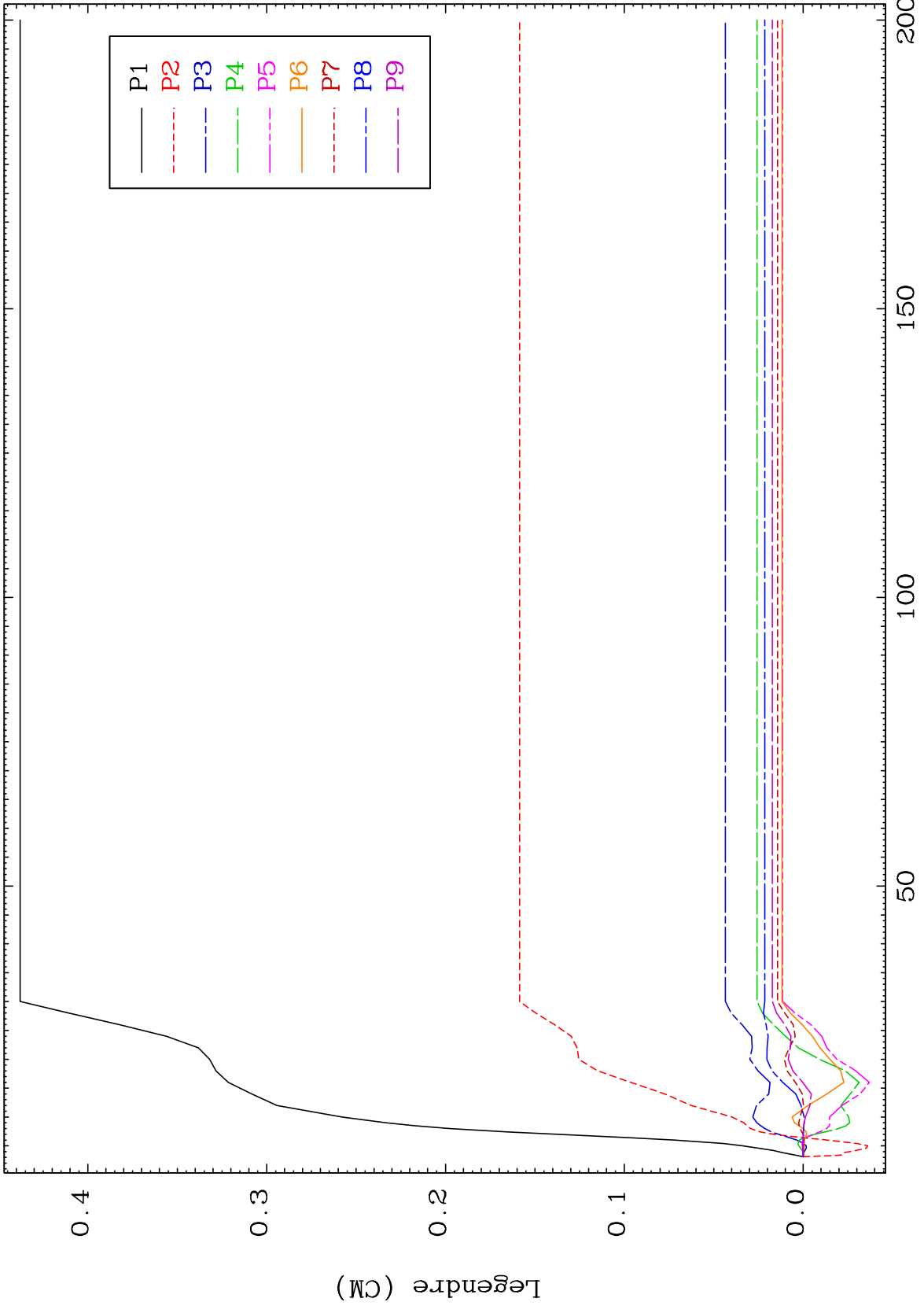


MAT 4025 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-90

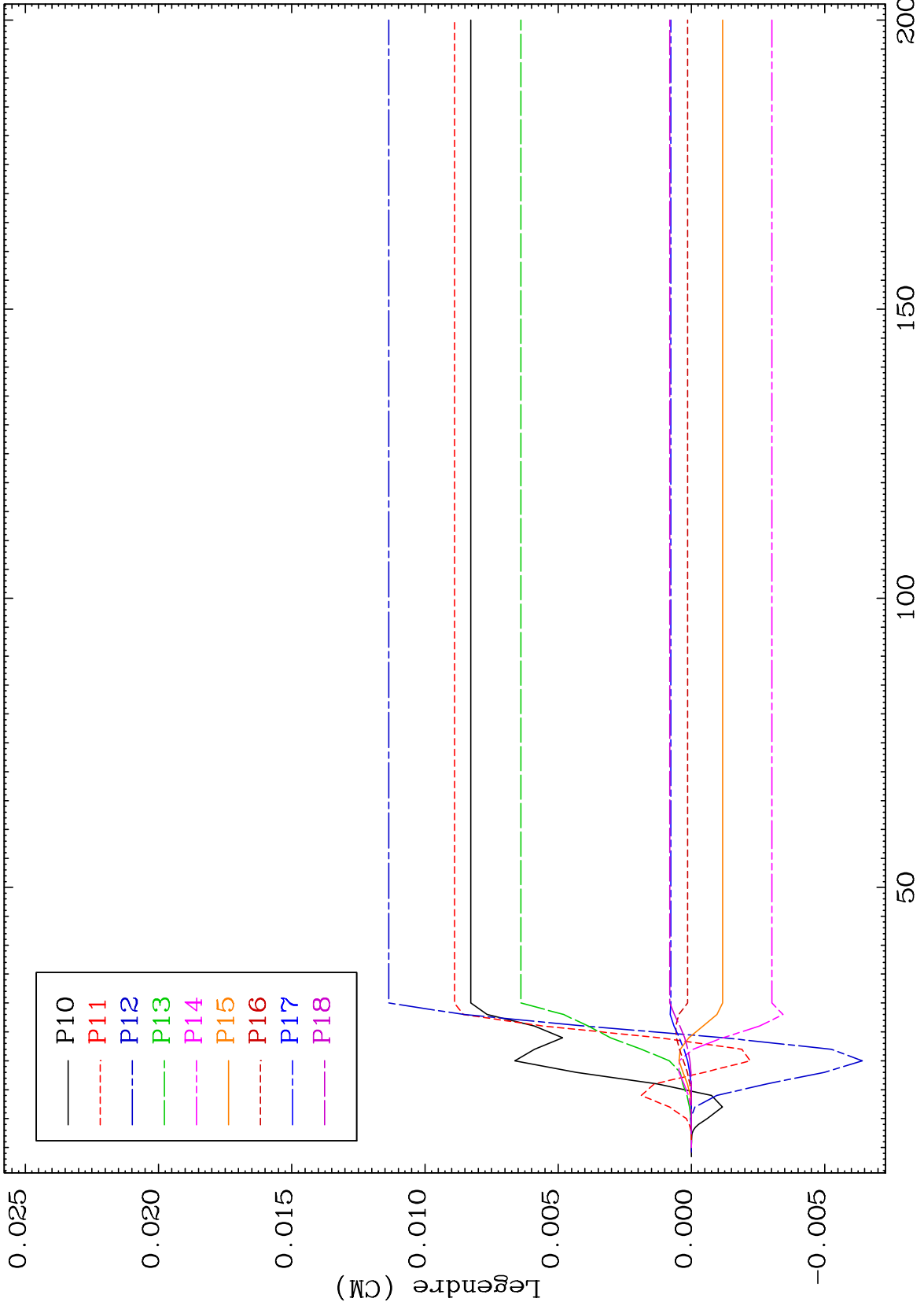




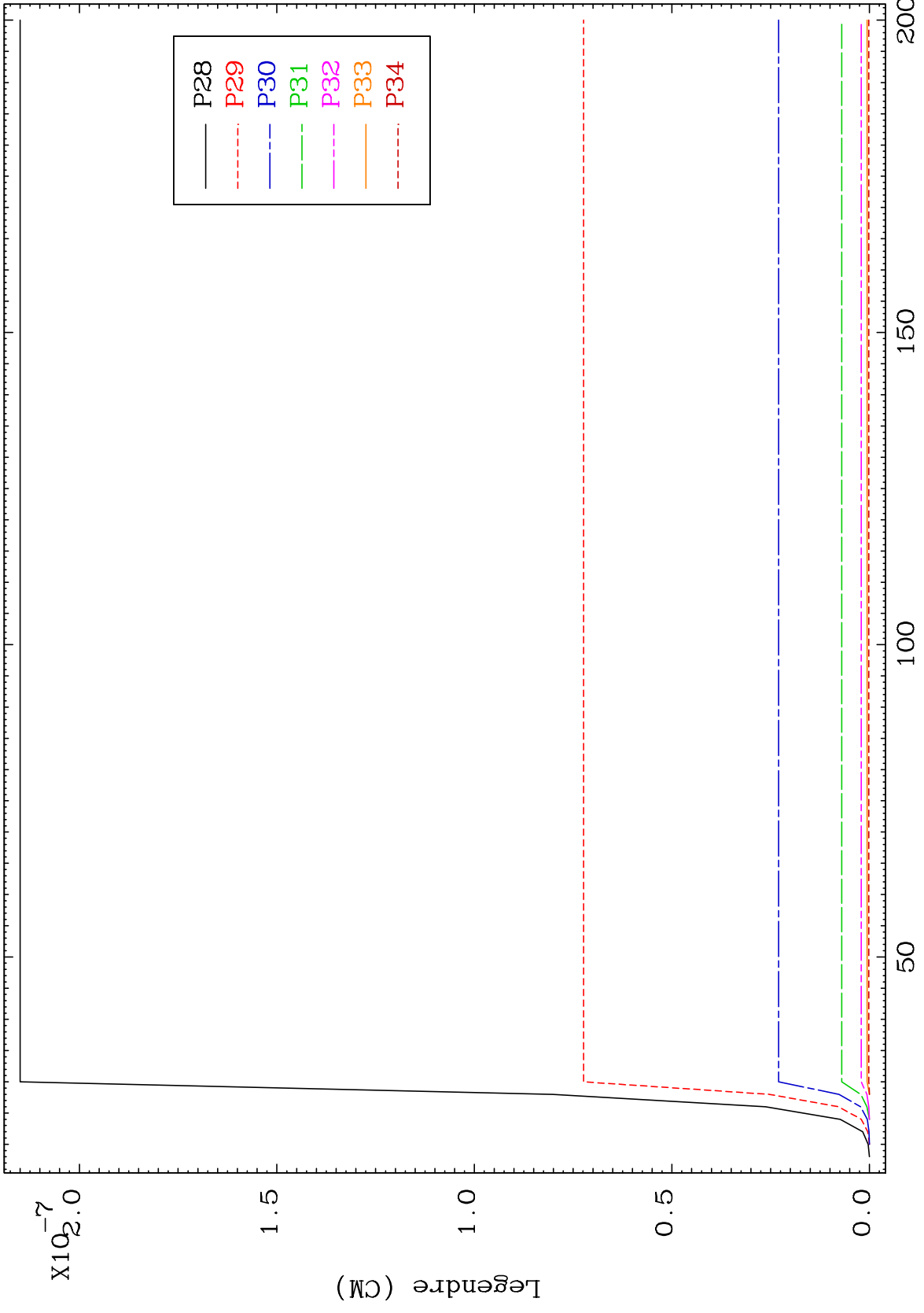
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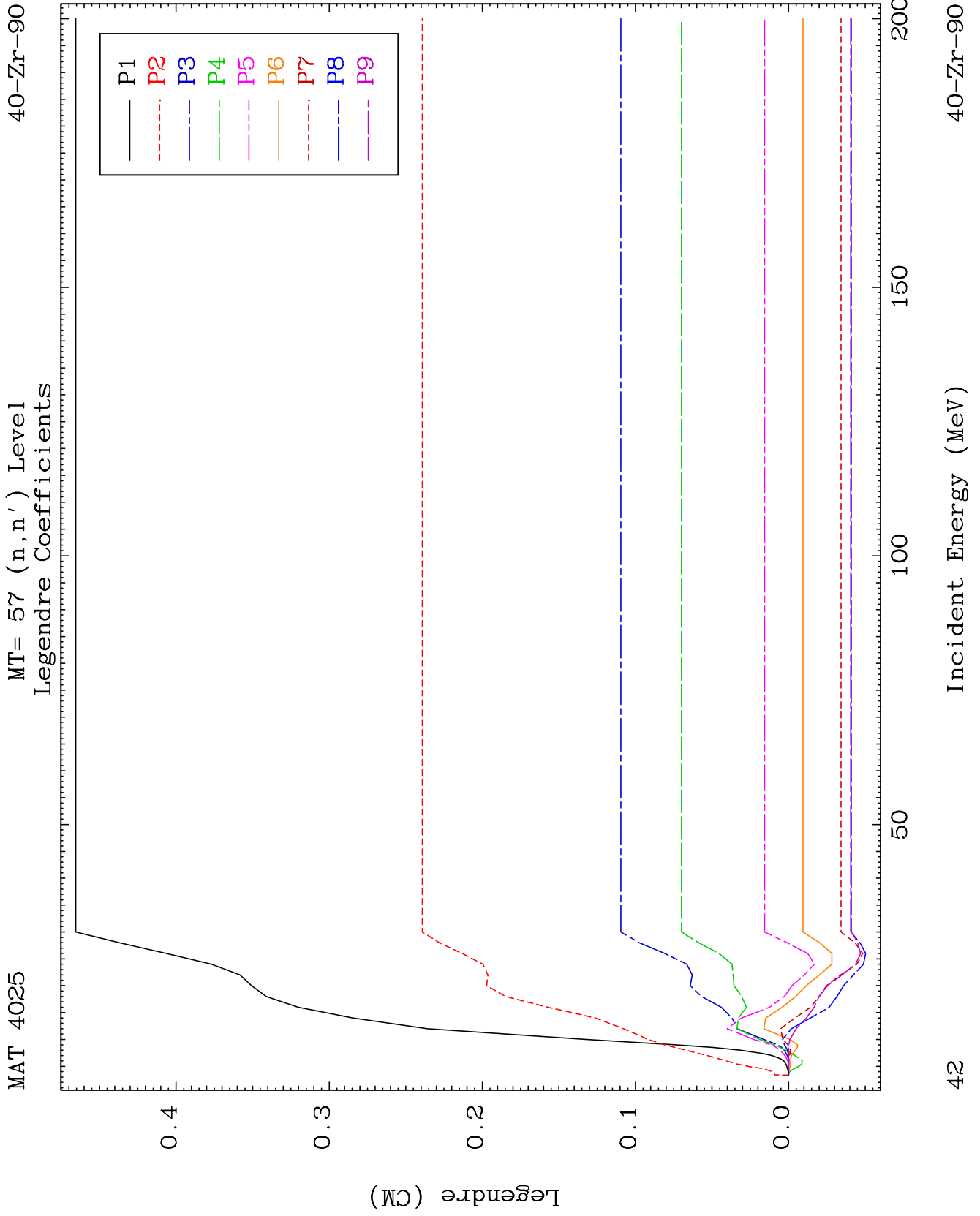


MAT 4025 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-90



MAT 4025 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-90

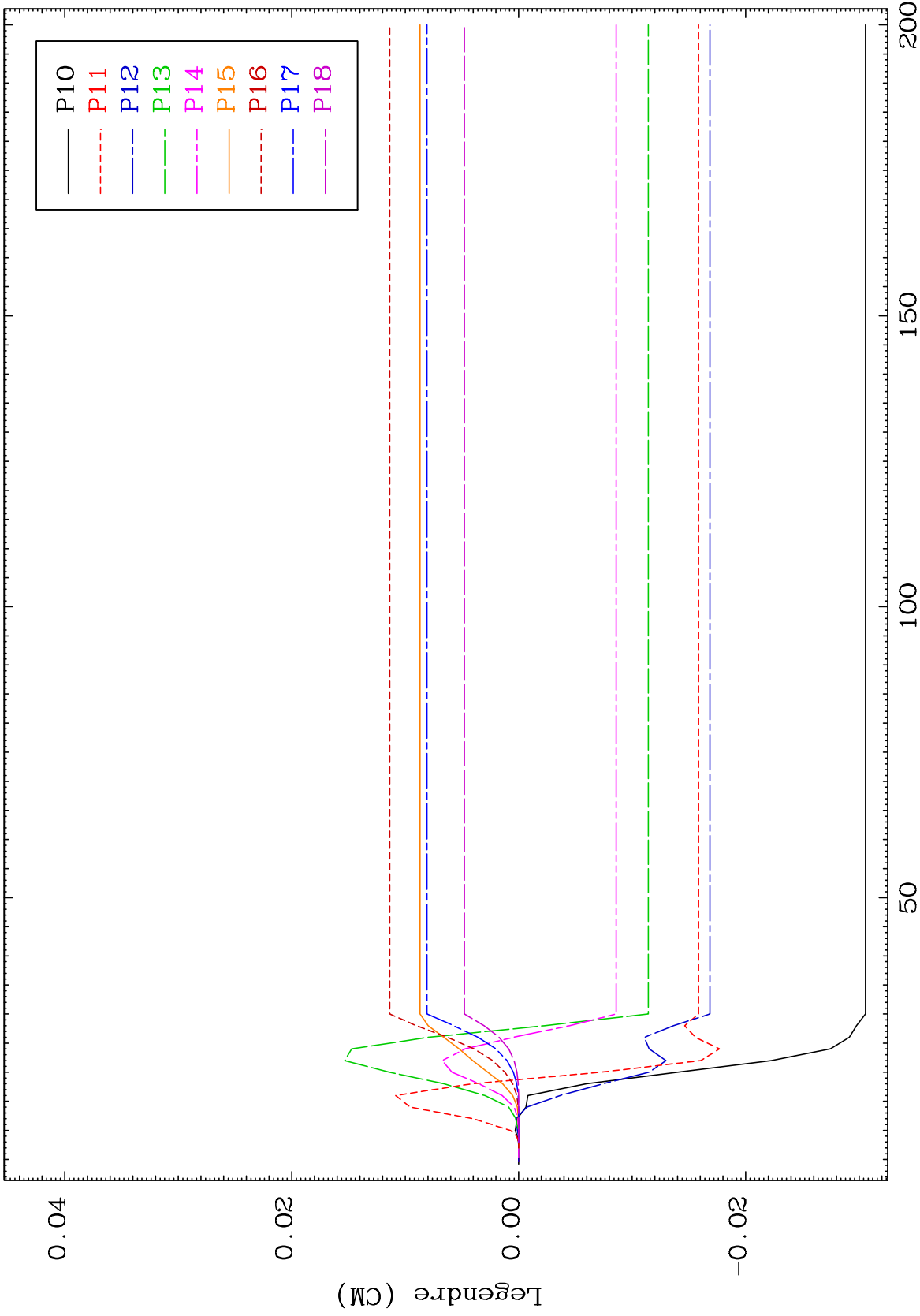




MAT 4025

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

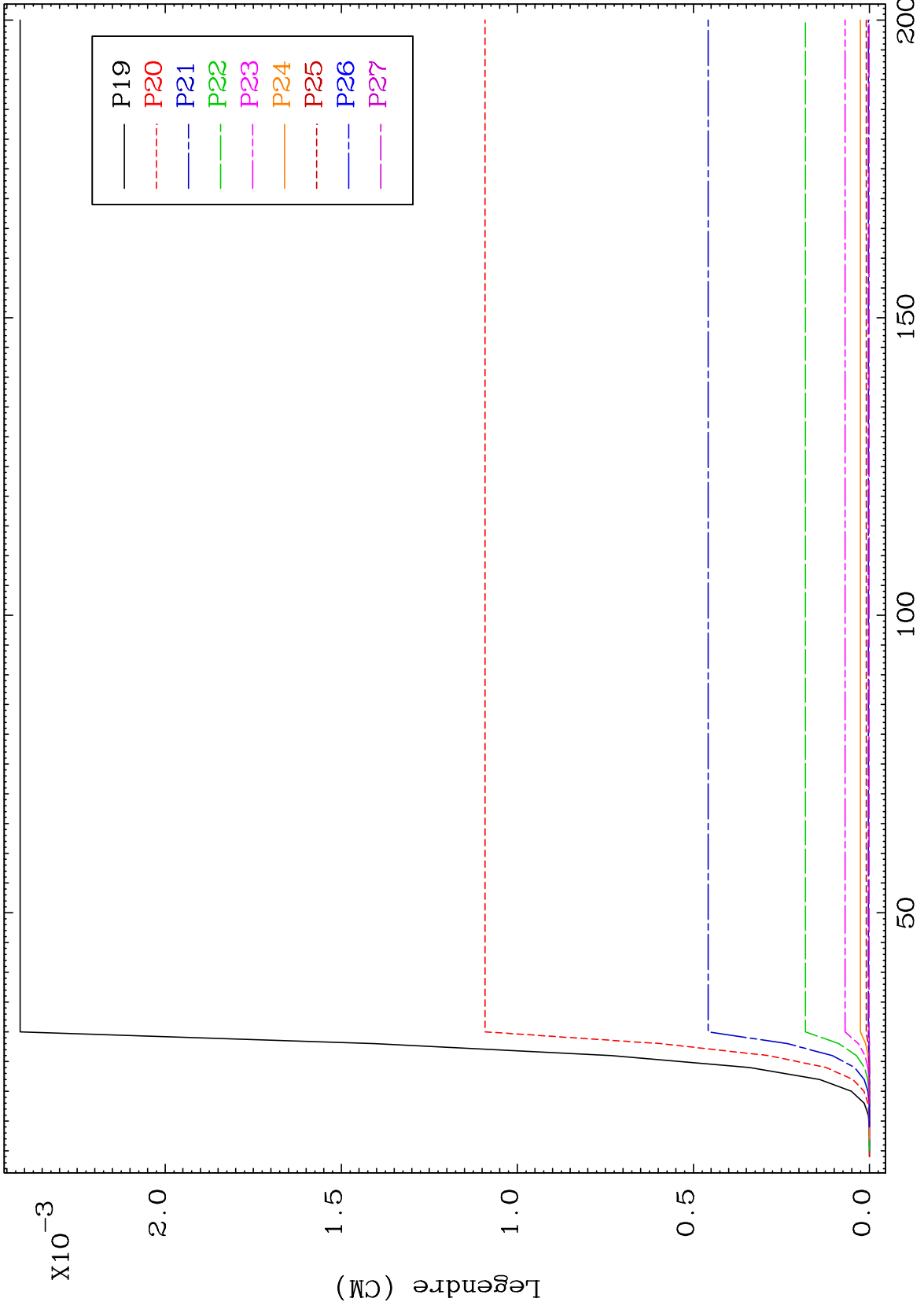
40-Zr-90

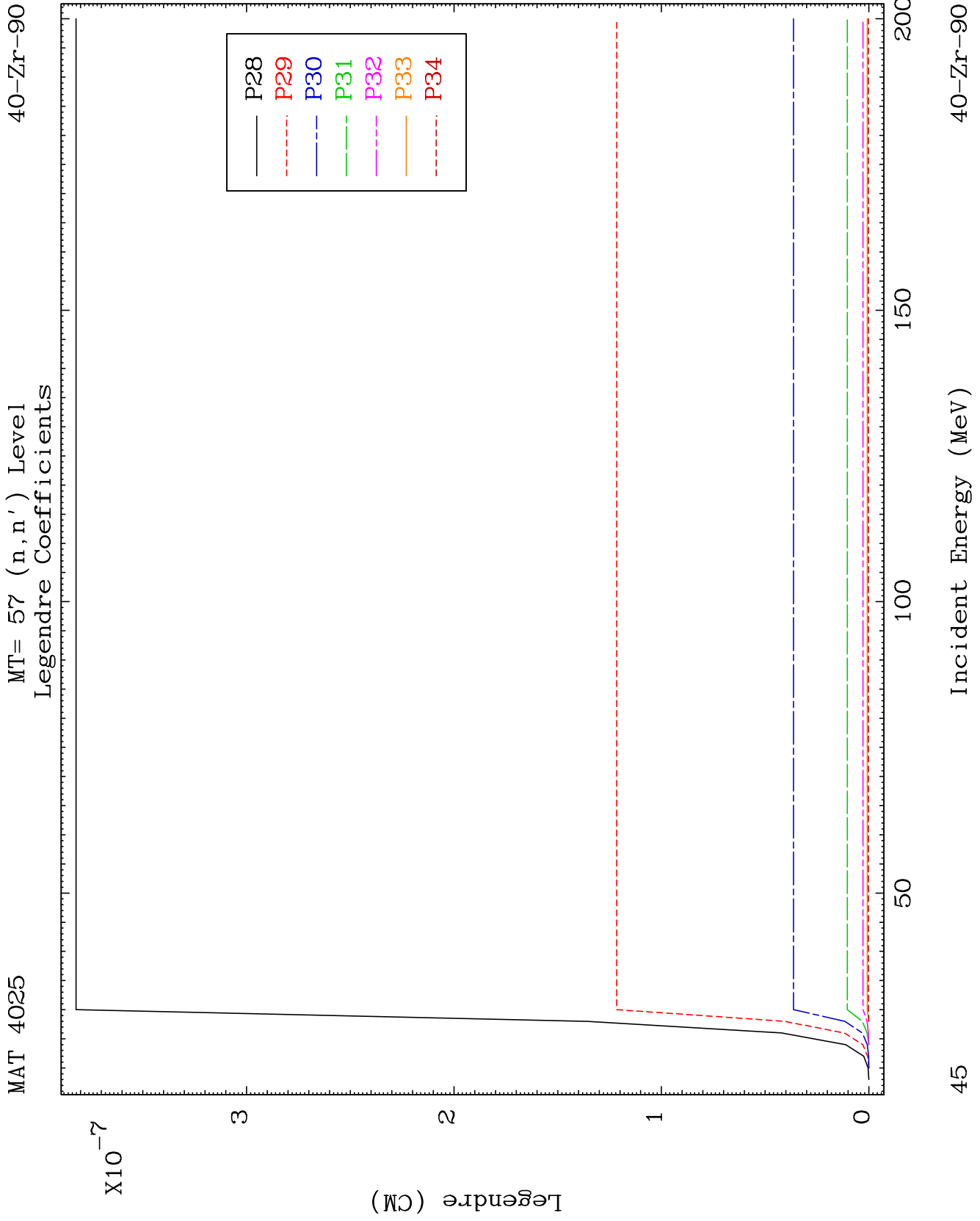


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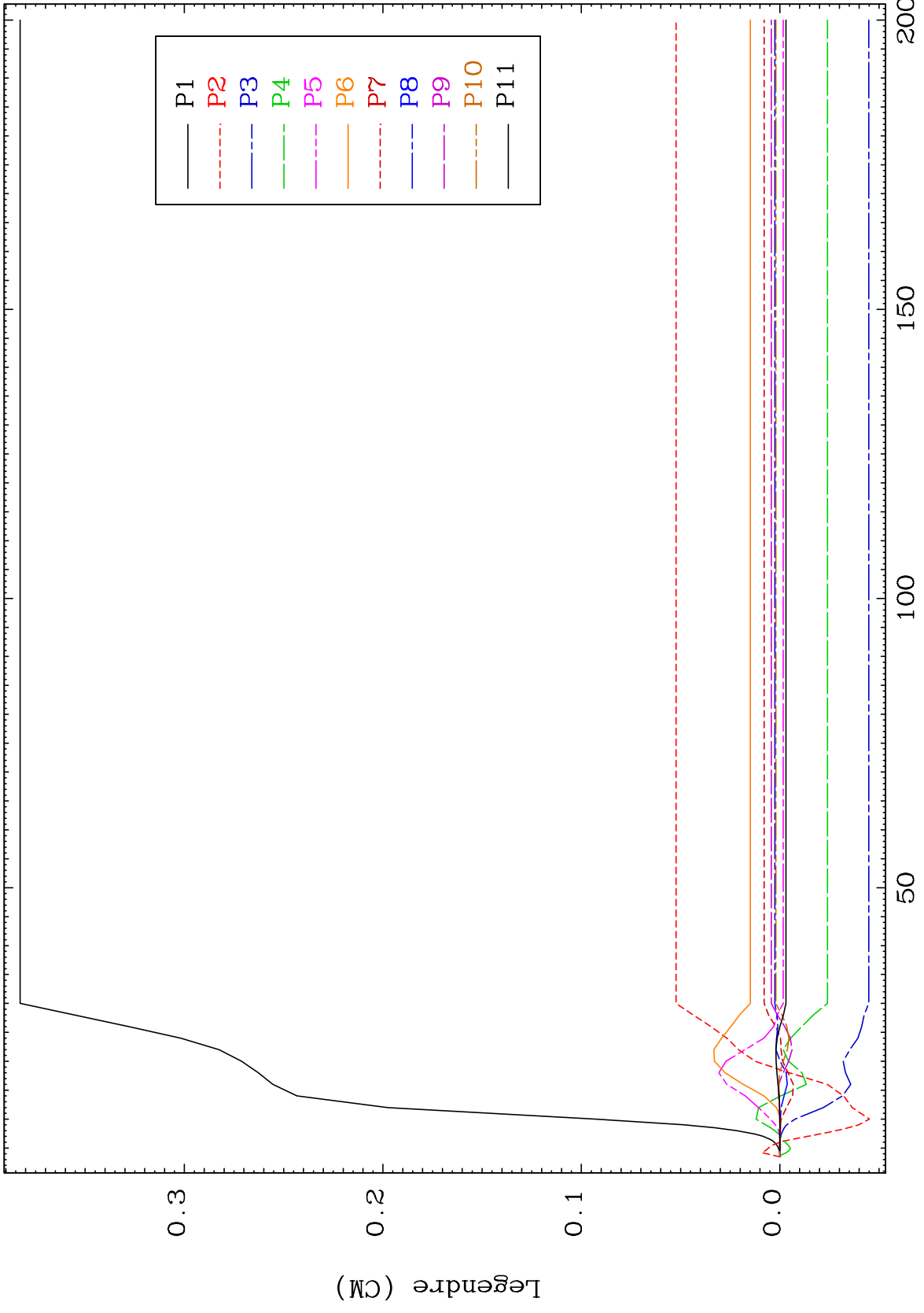
Incident Energy (MeV)

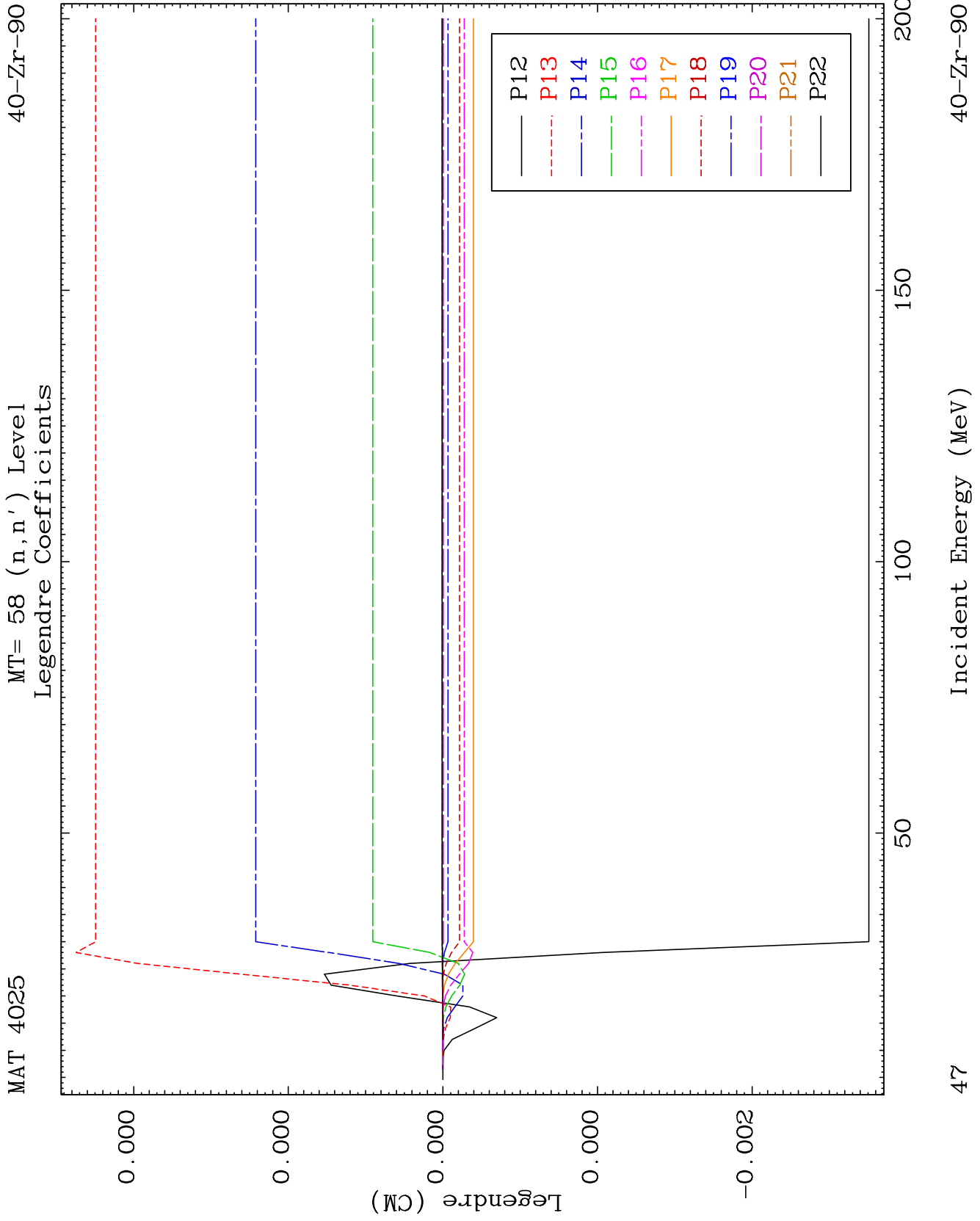
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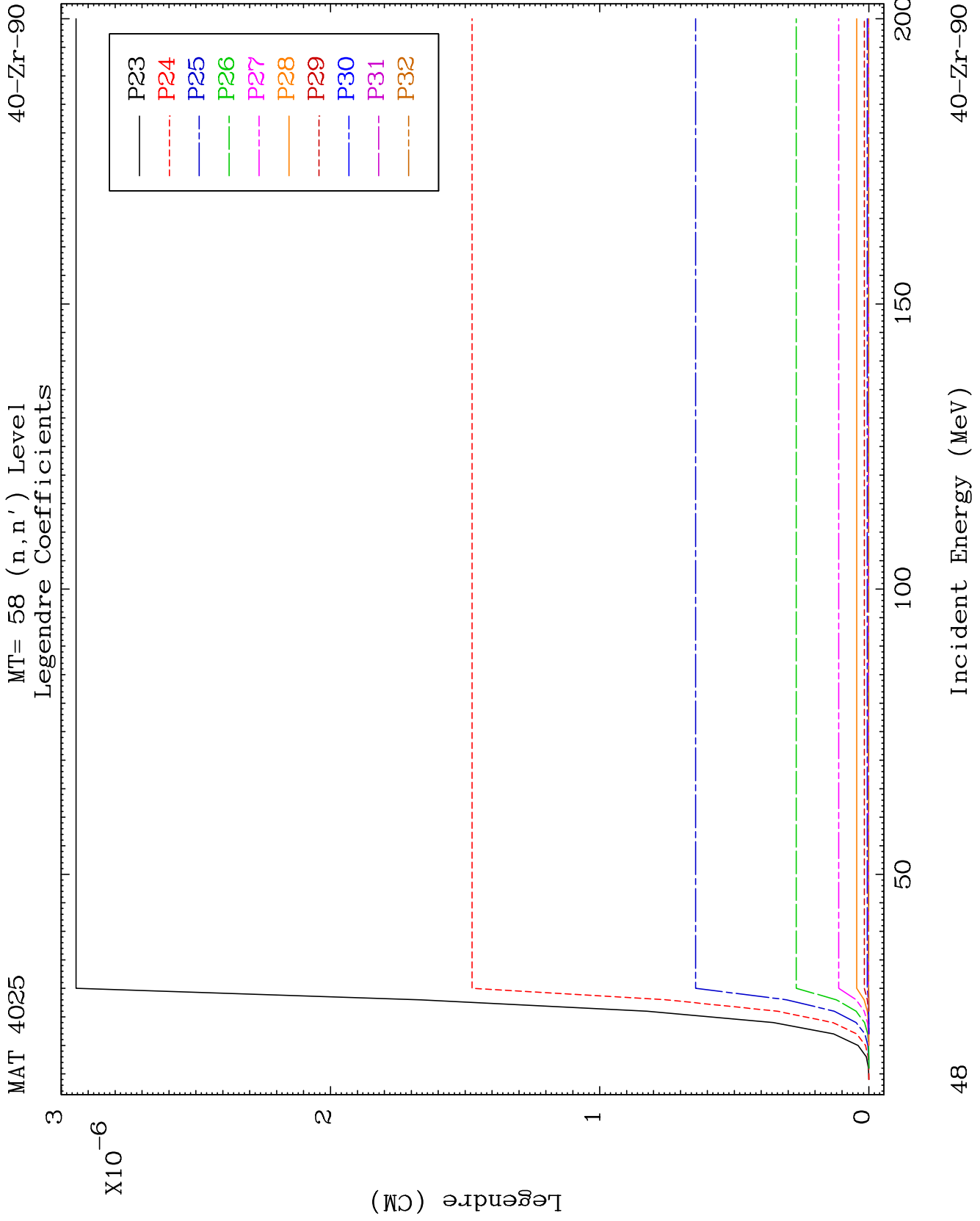




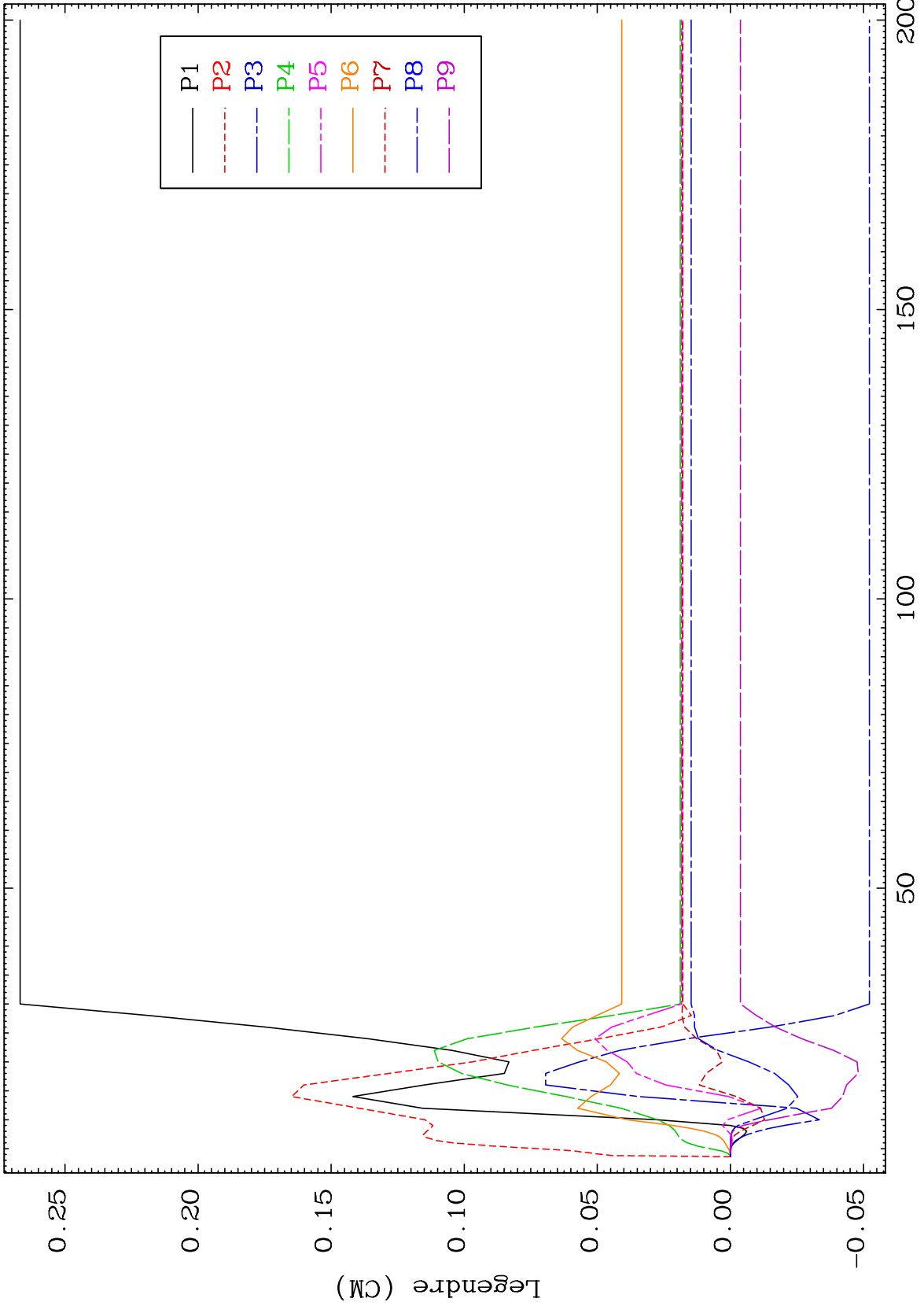
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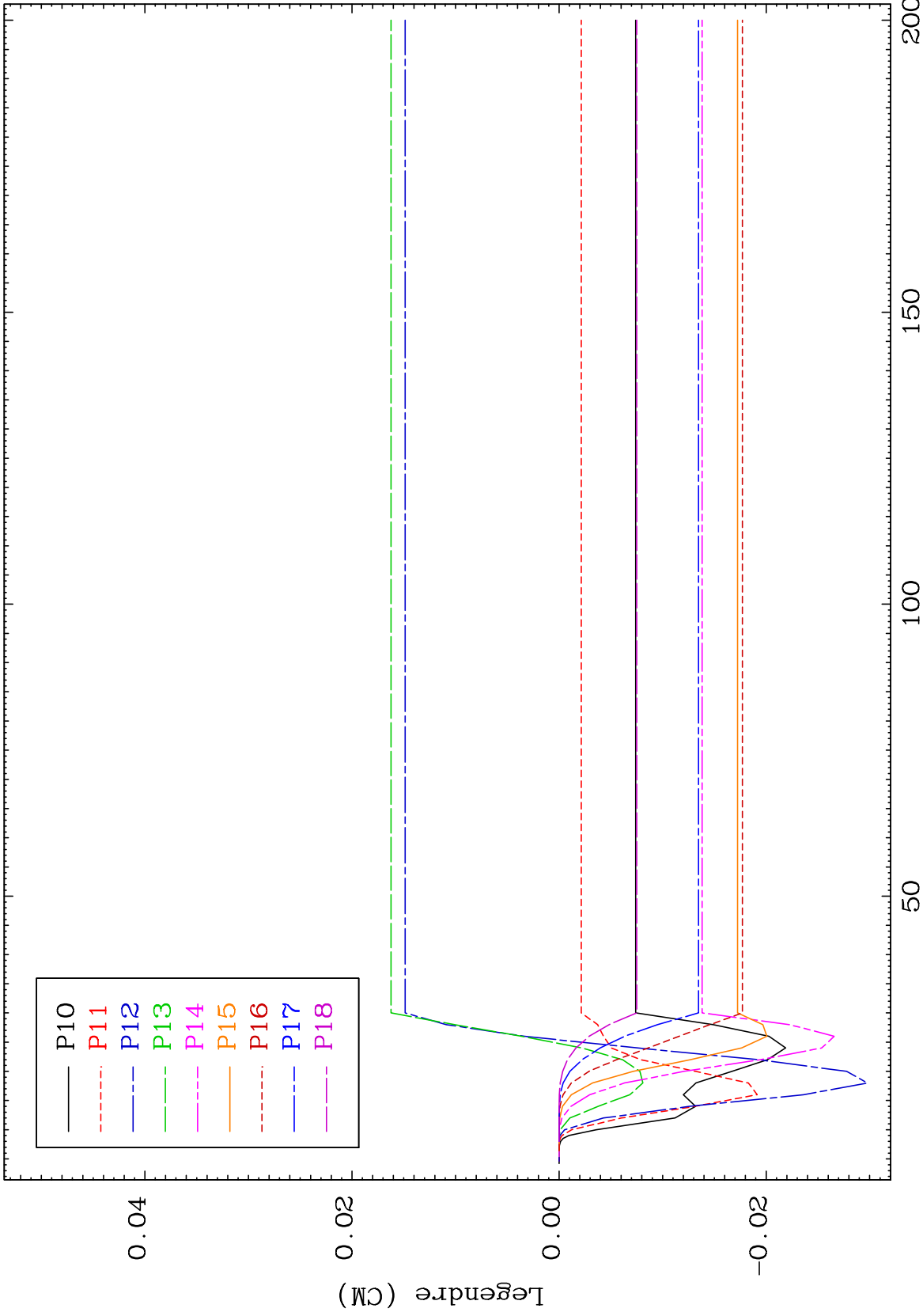
MAT 4025 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-90



MAT 4025

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

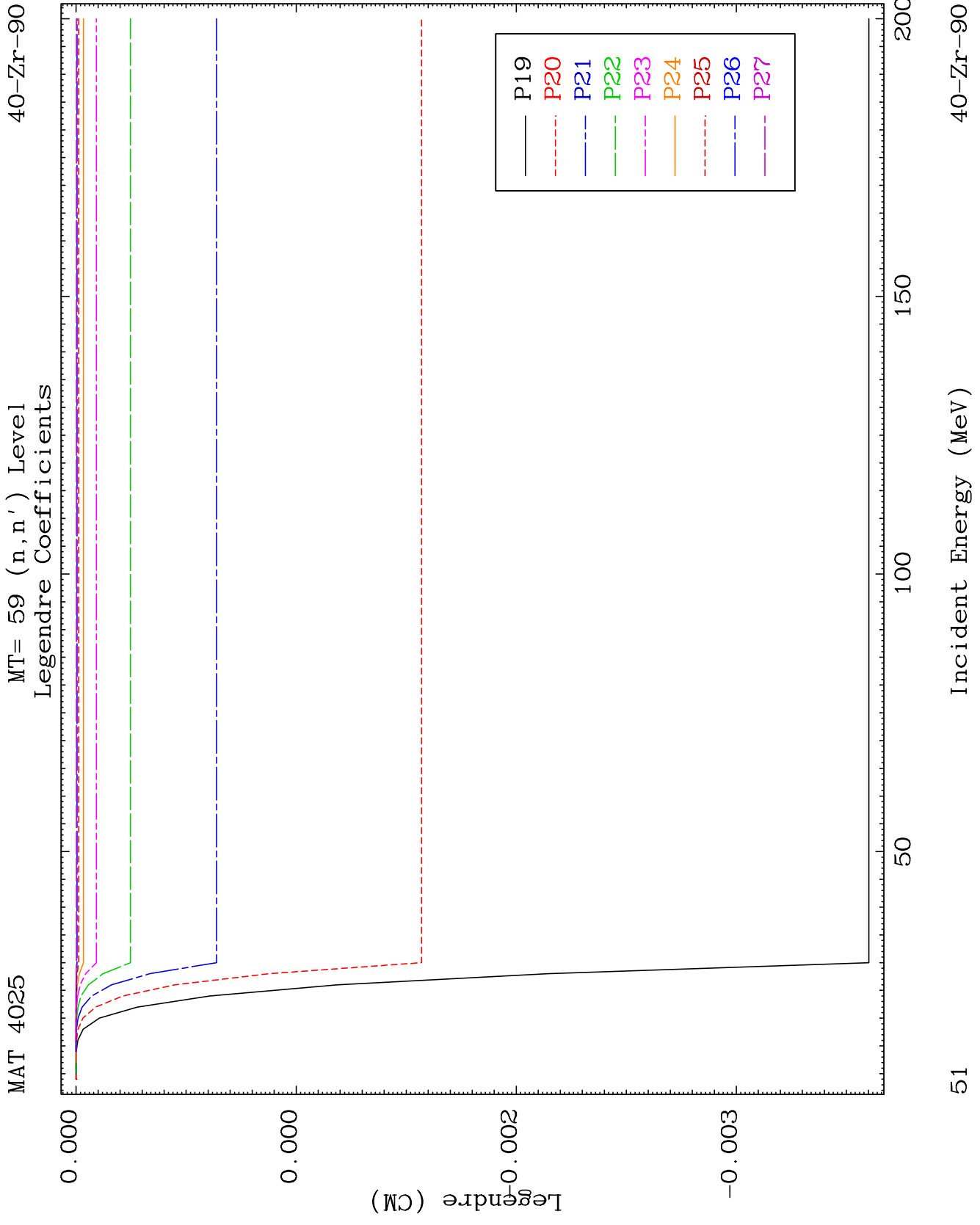
40-Zr-90



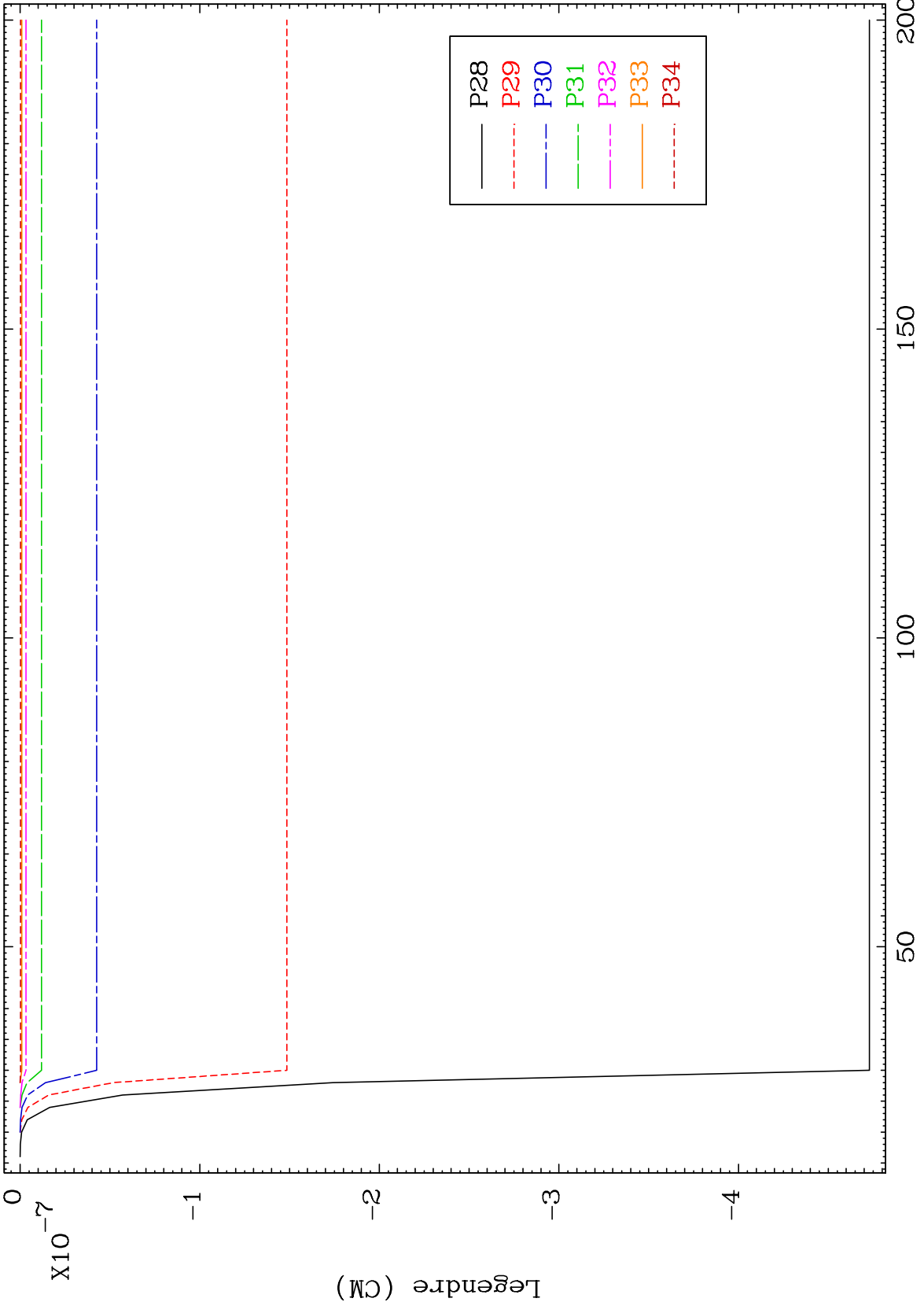
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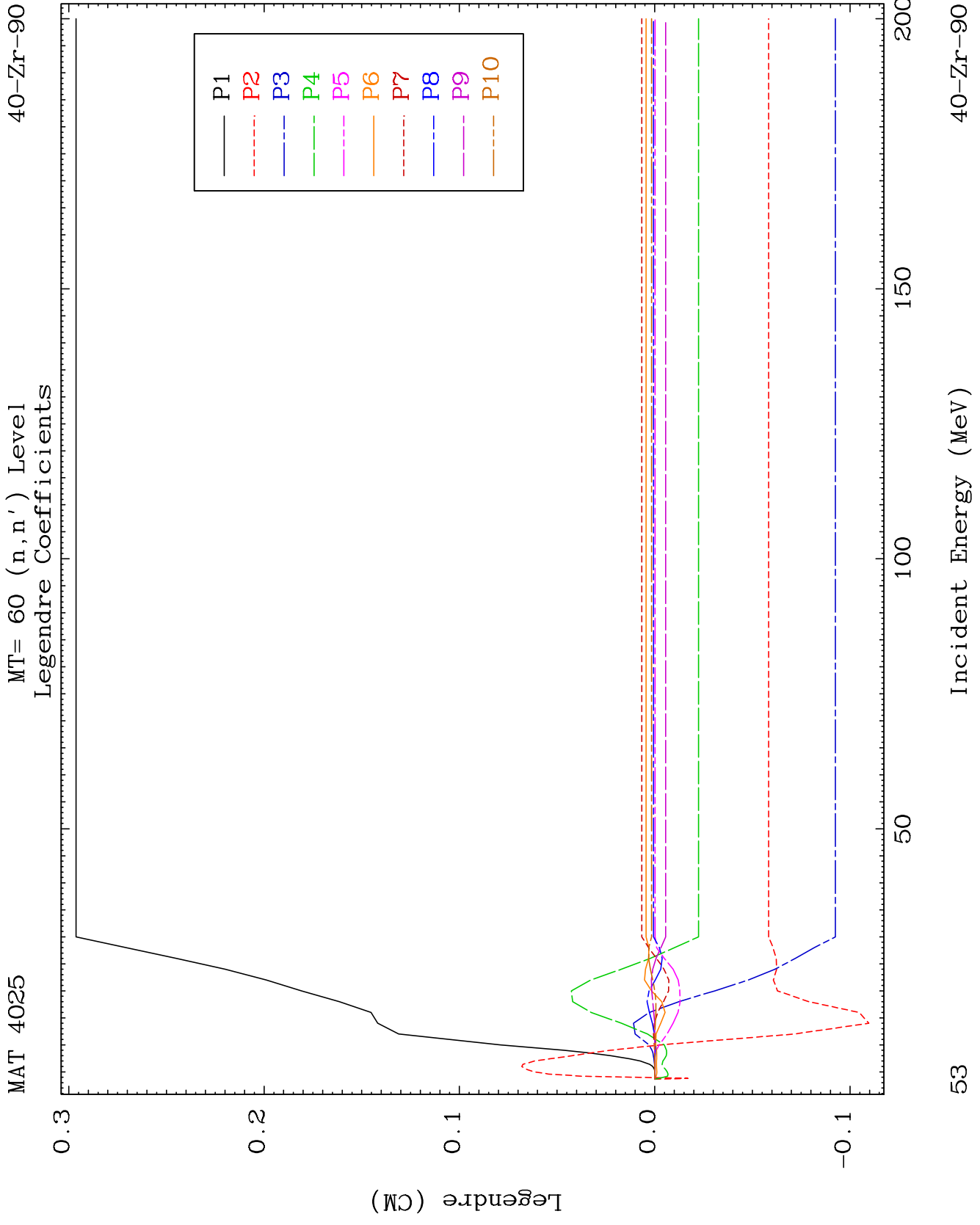
Incident Energy (MeV)

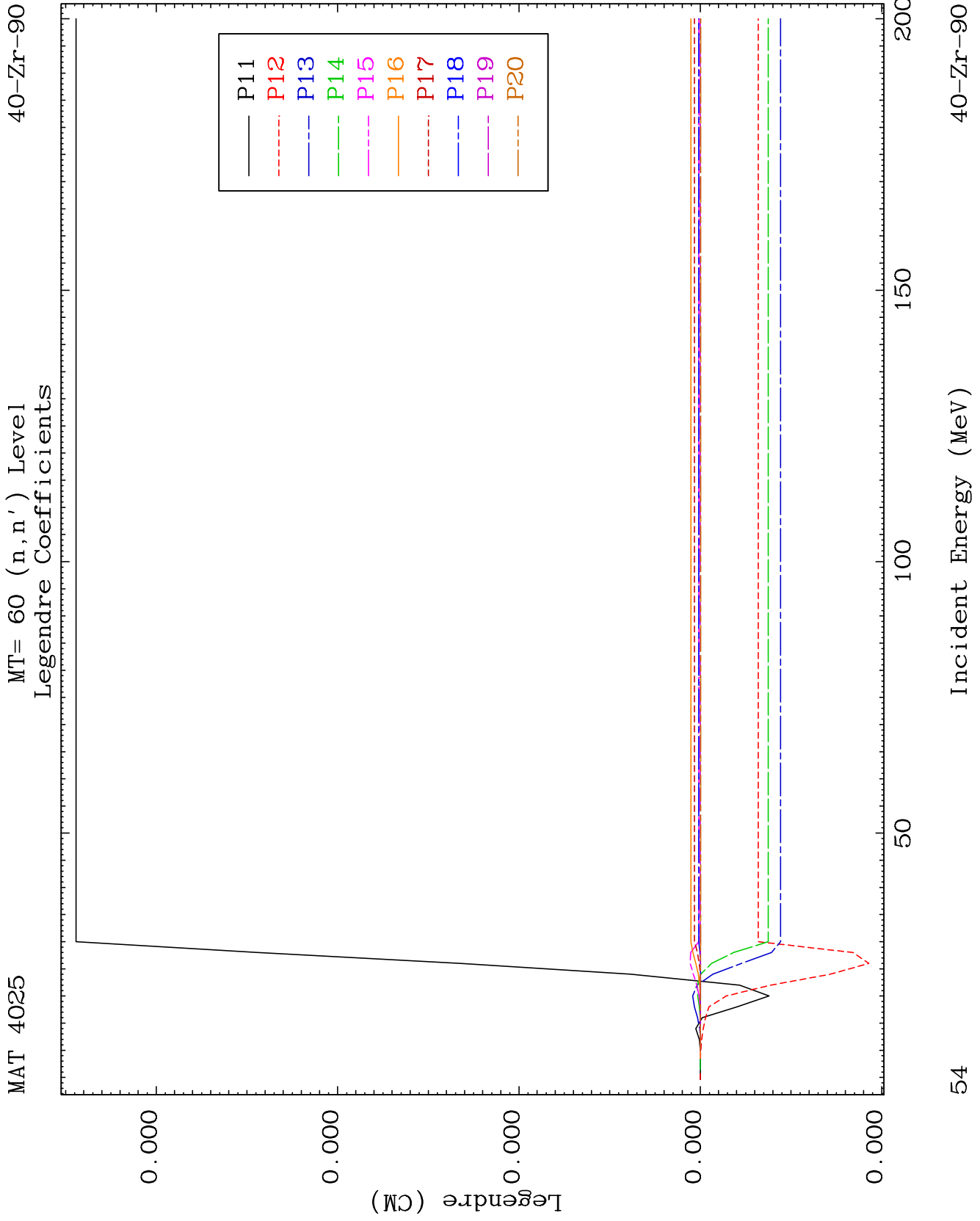
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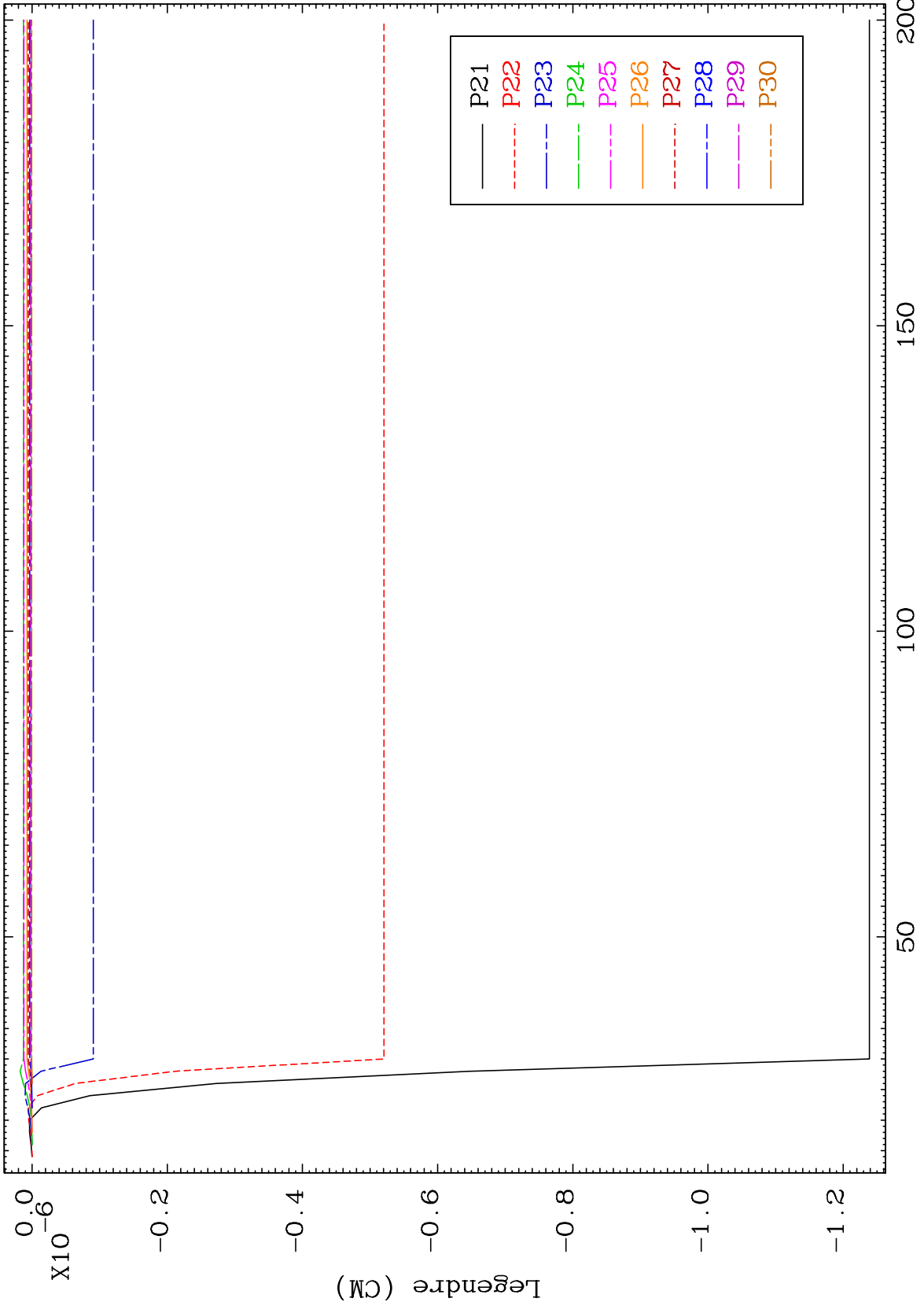
MAT 4025 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-90



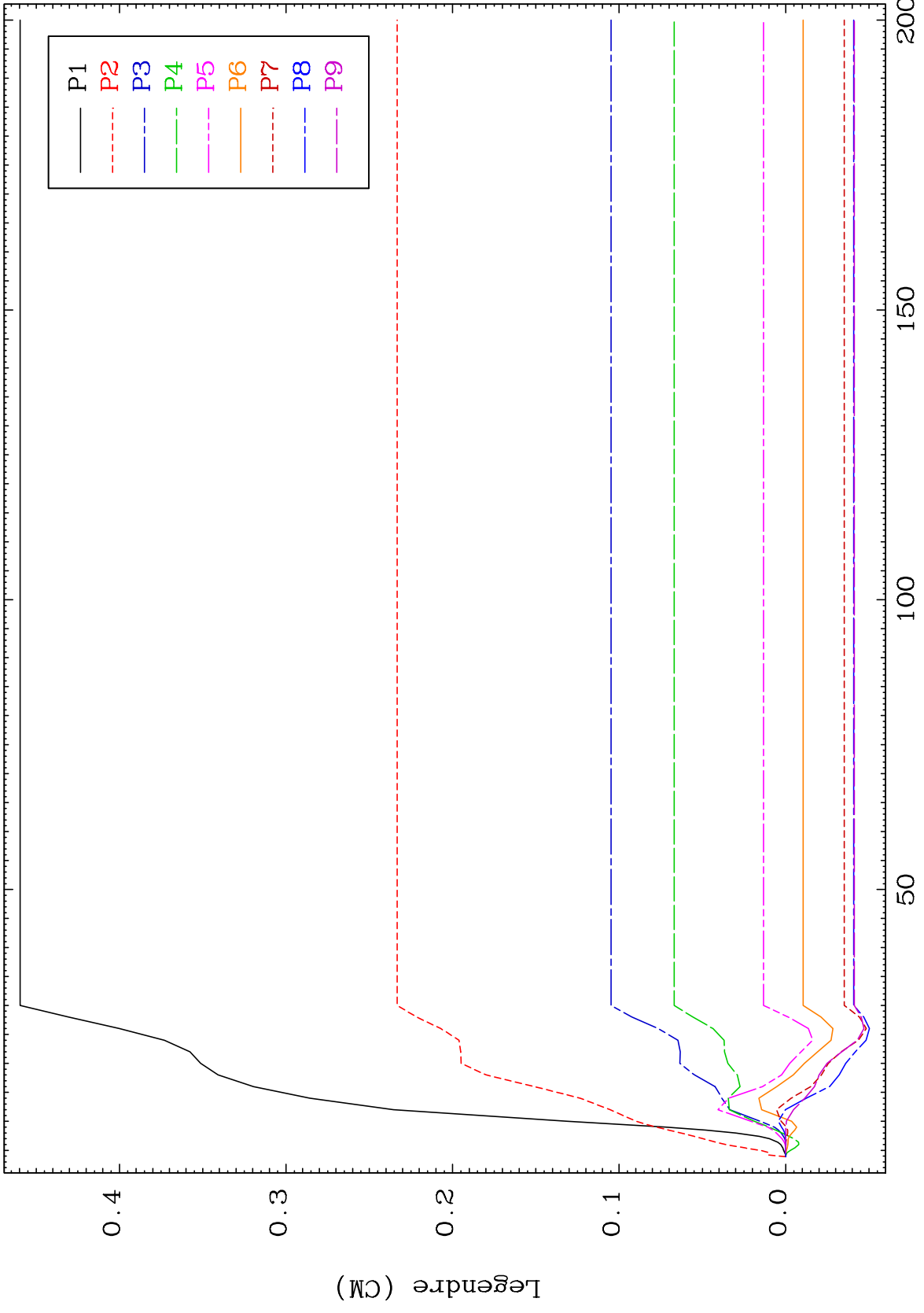


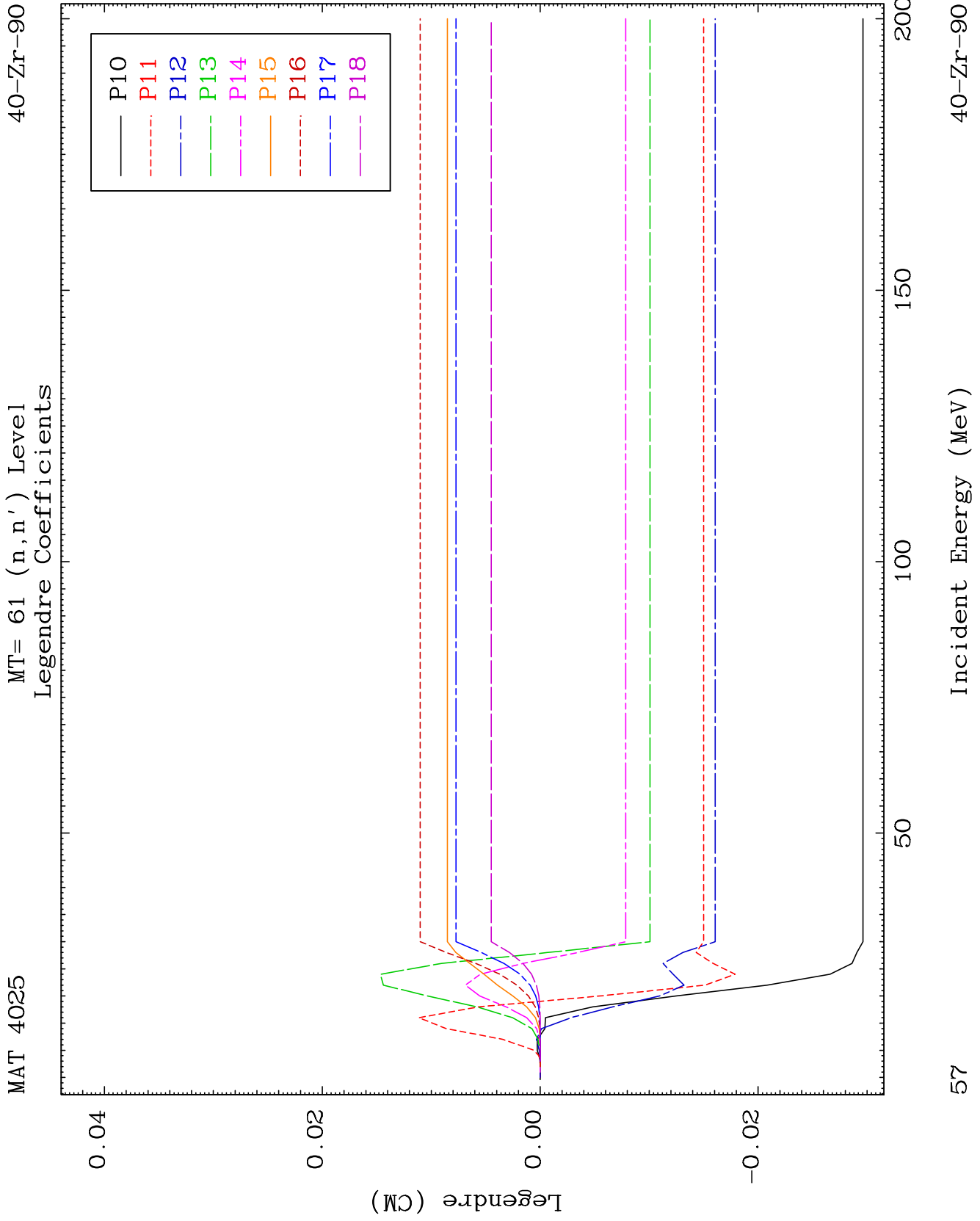


MAT 4025 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-90

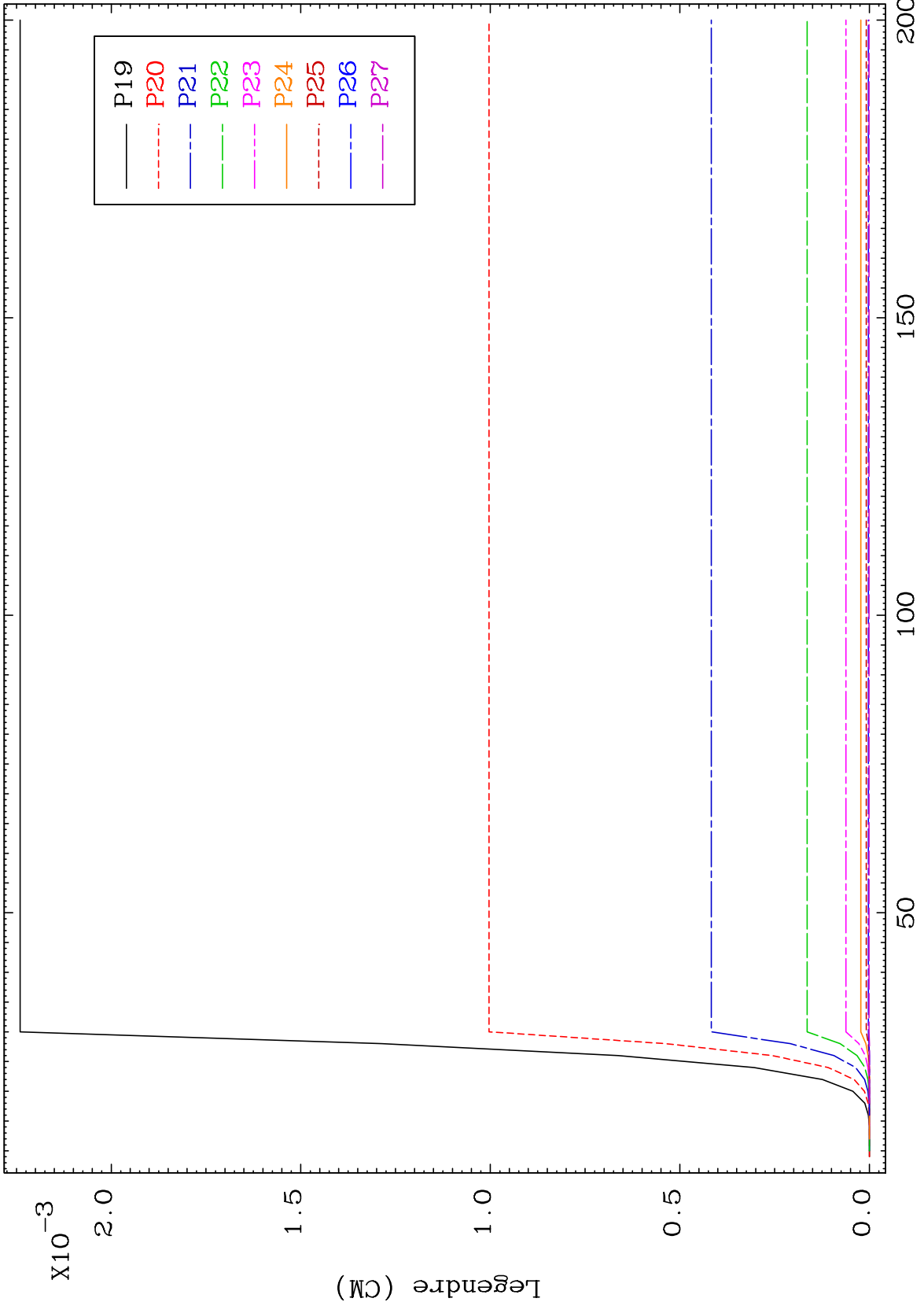


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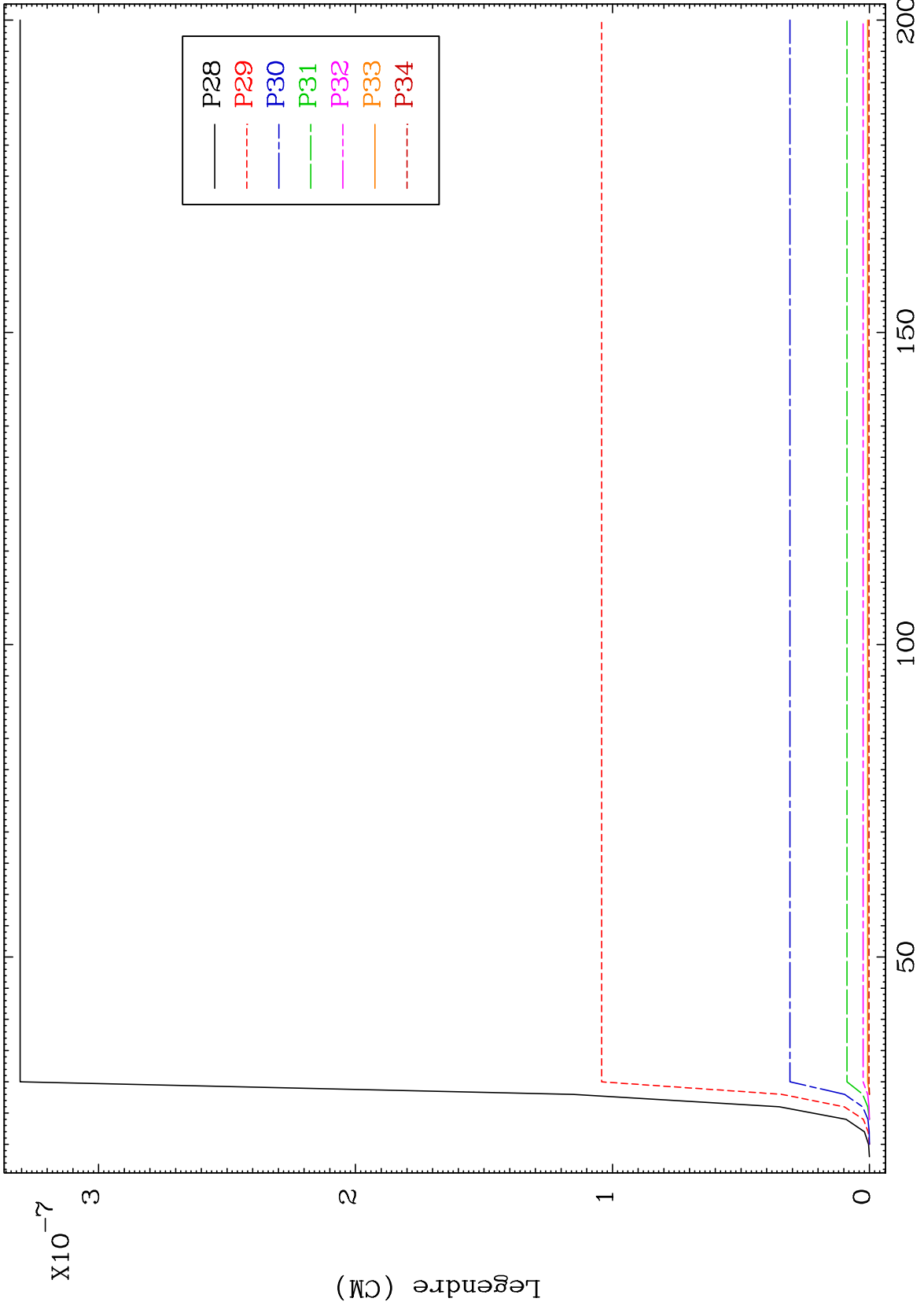




MAT 4025 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-90

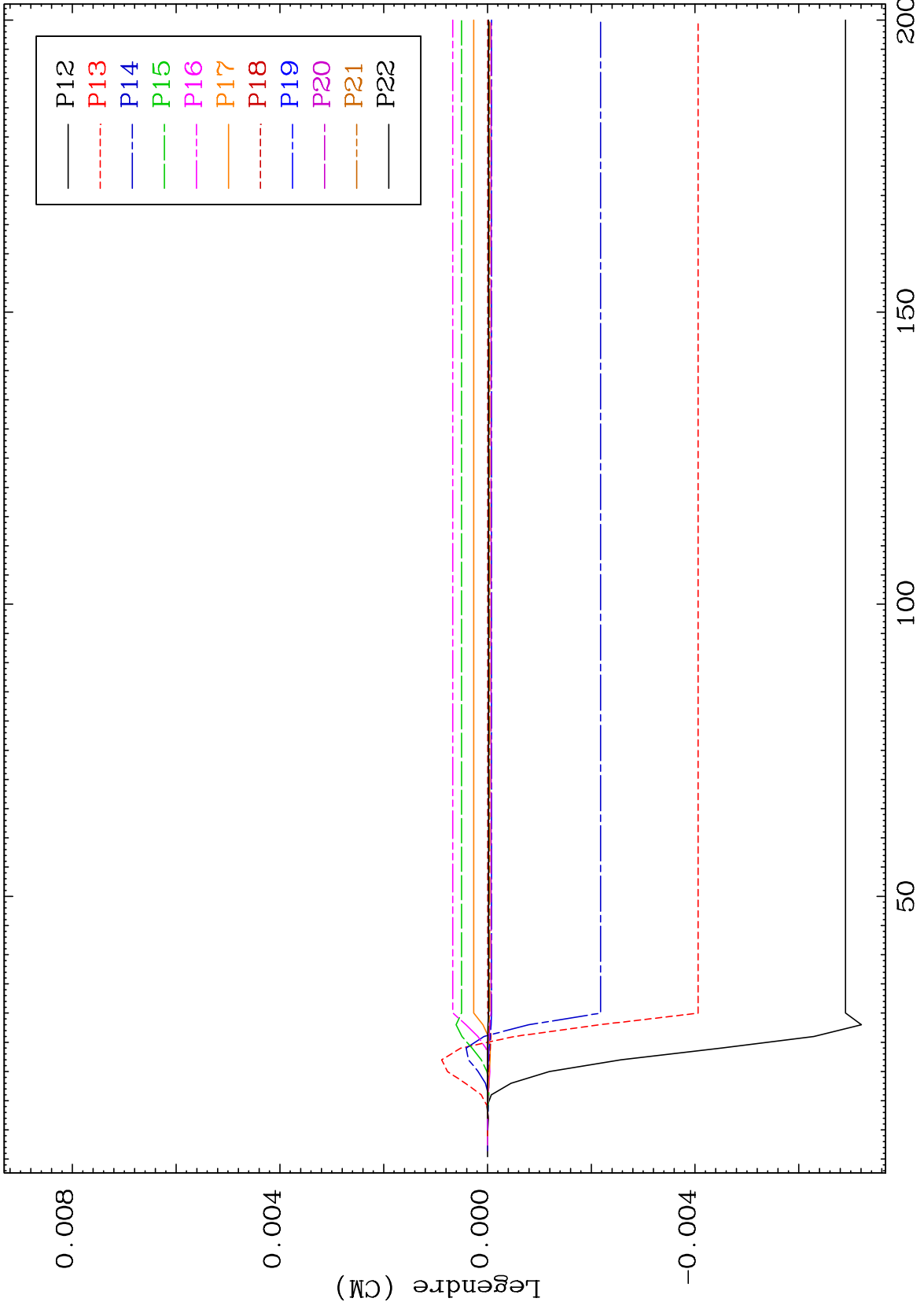


MAT 4025 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-90



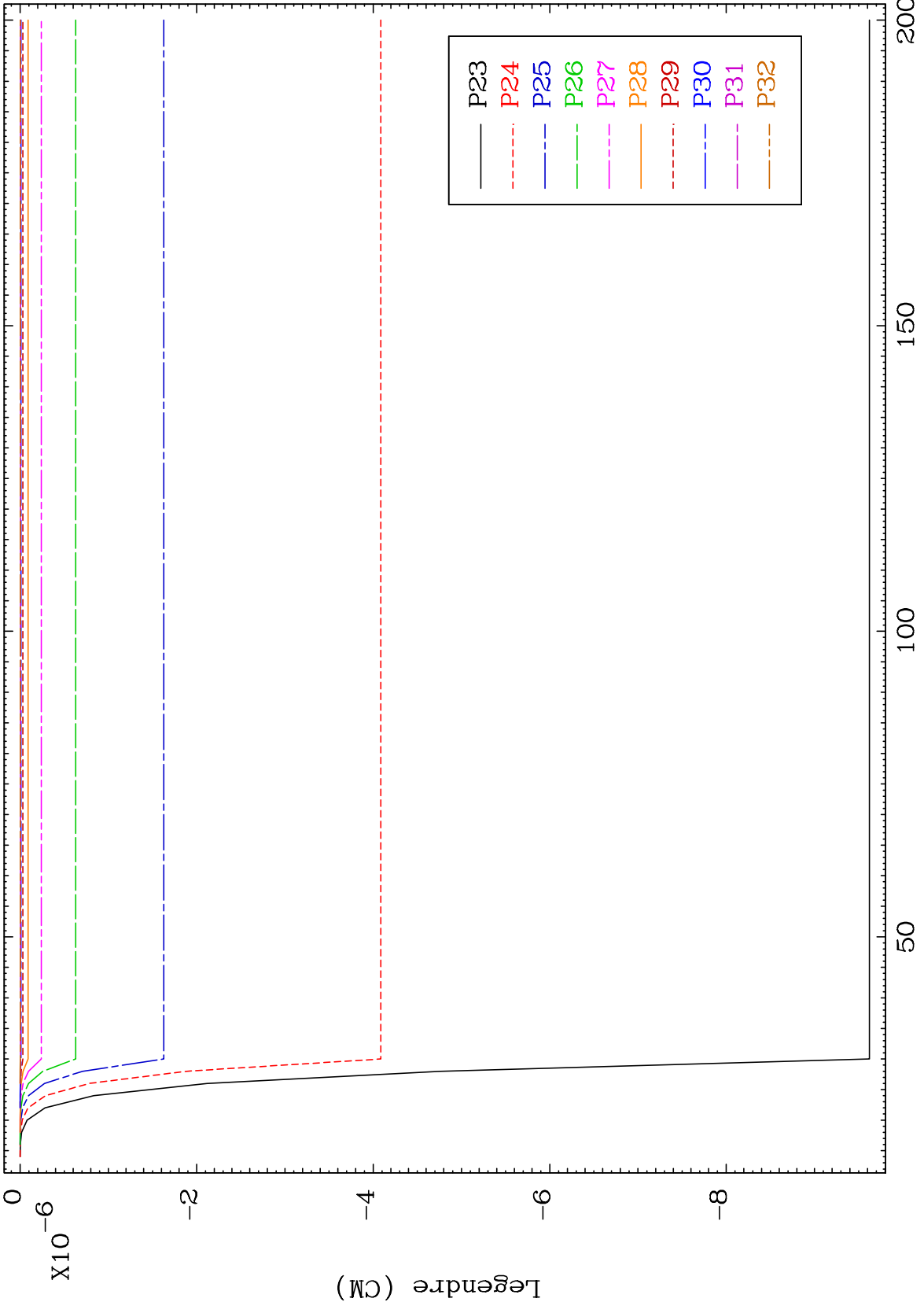
59 Incident Energy (MeV) 40-Zr-90

MAT 4025 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-90



61 40-Zr-90

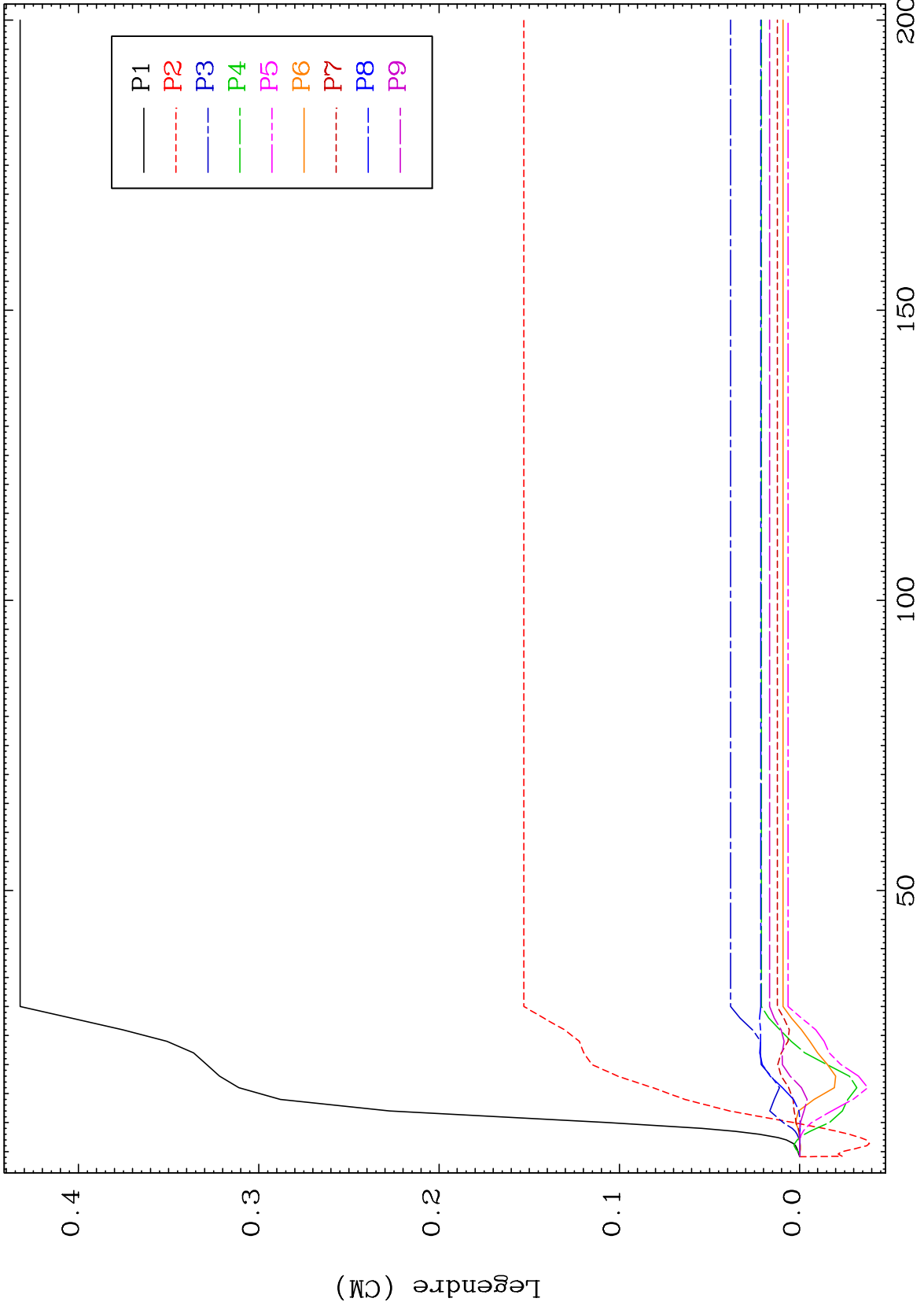
MAT 4025 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-90



62

40-Zr-90

MAT 4025 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-90

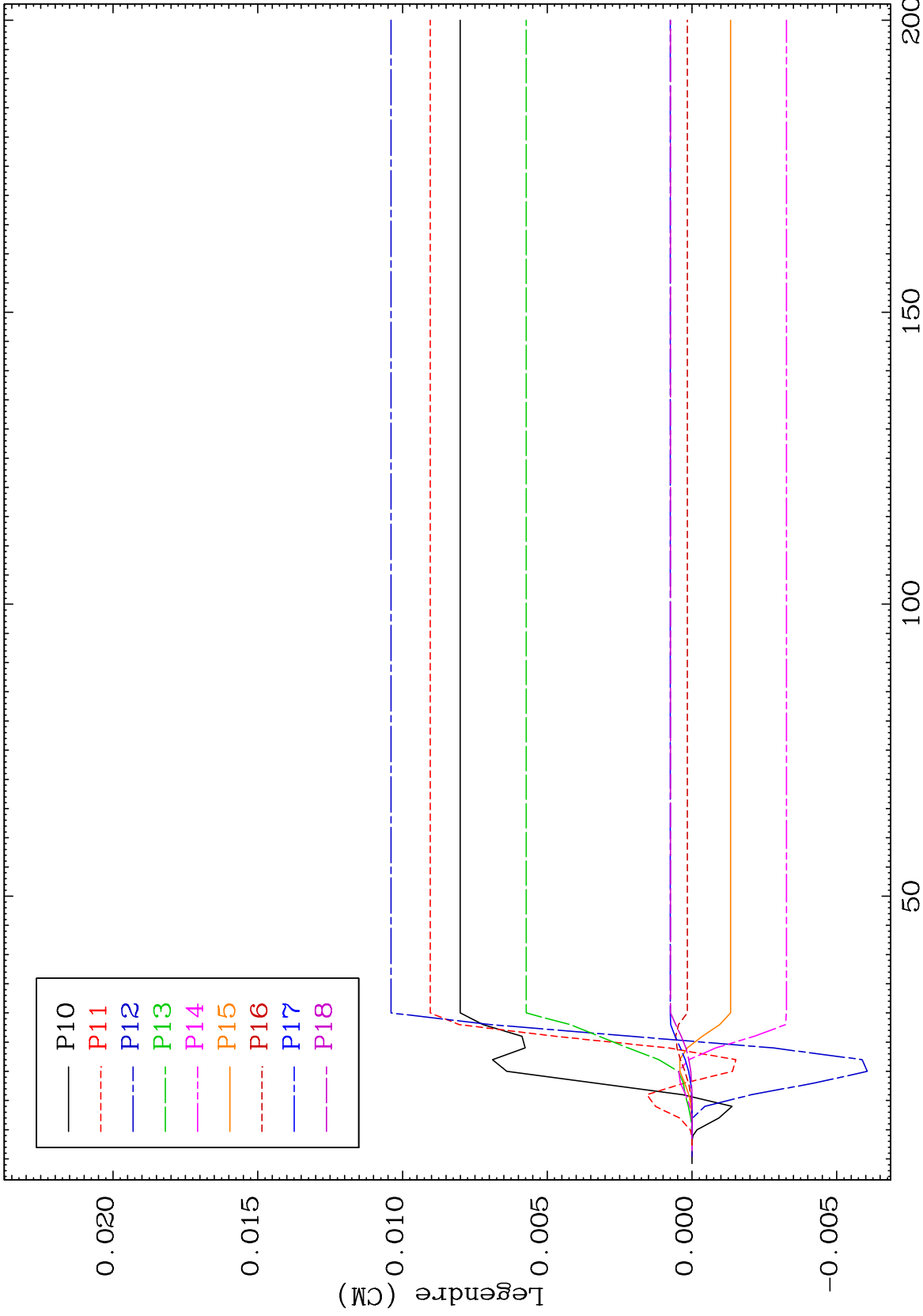


63 Incident Energy (MeV) 40-Zr-90

MAT 4025

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

40-Zr-90

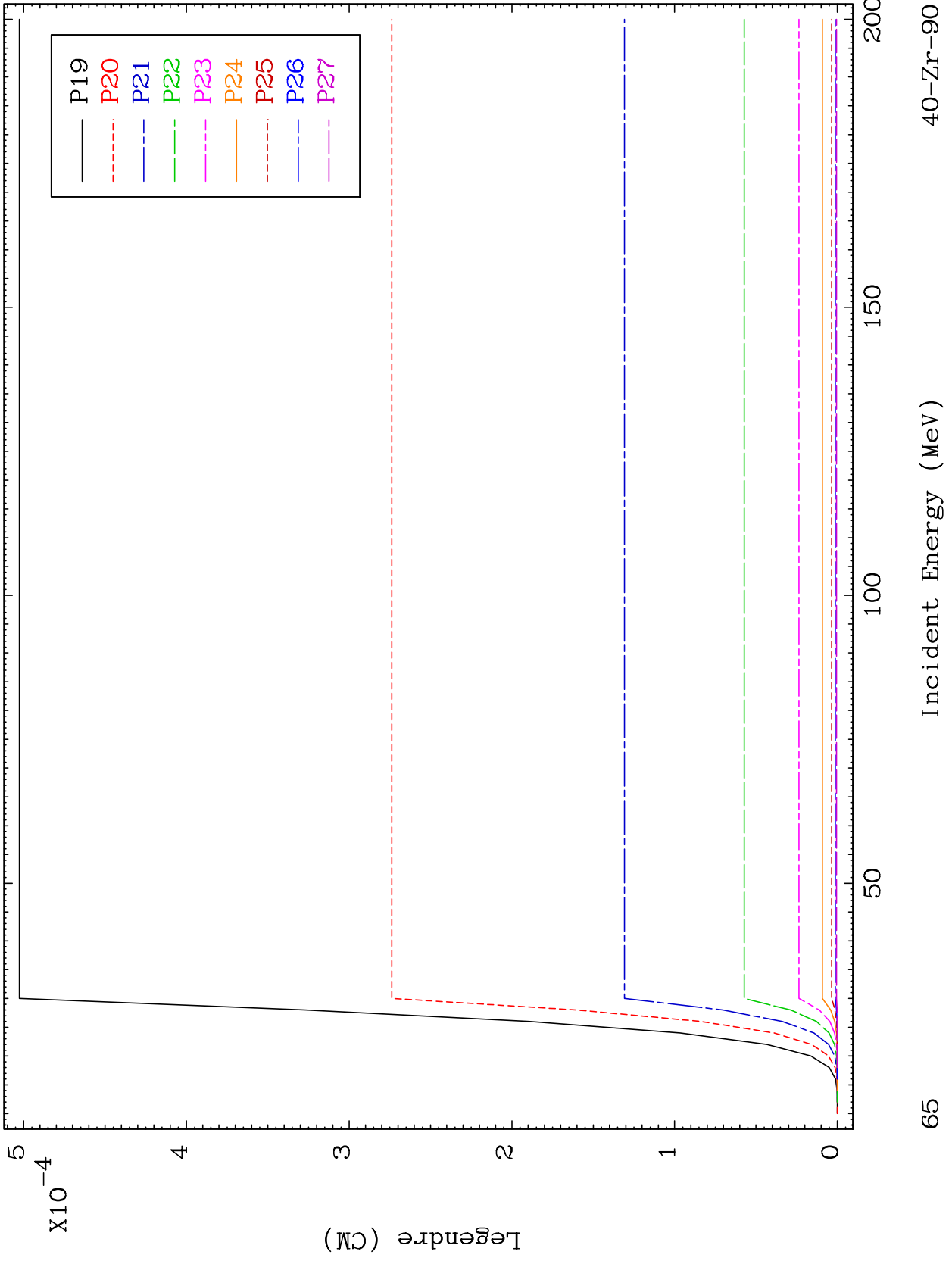


64

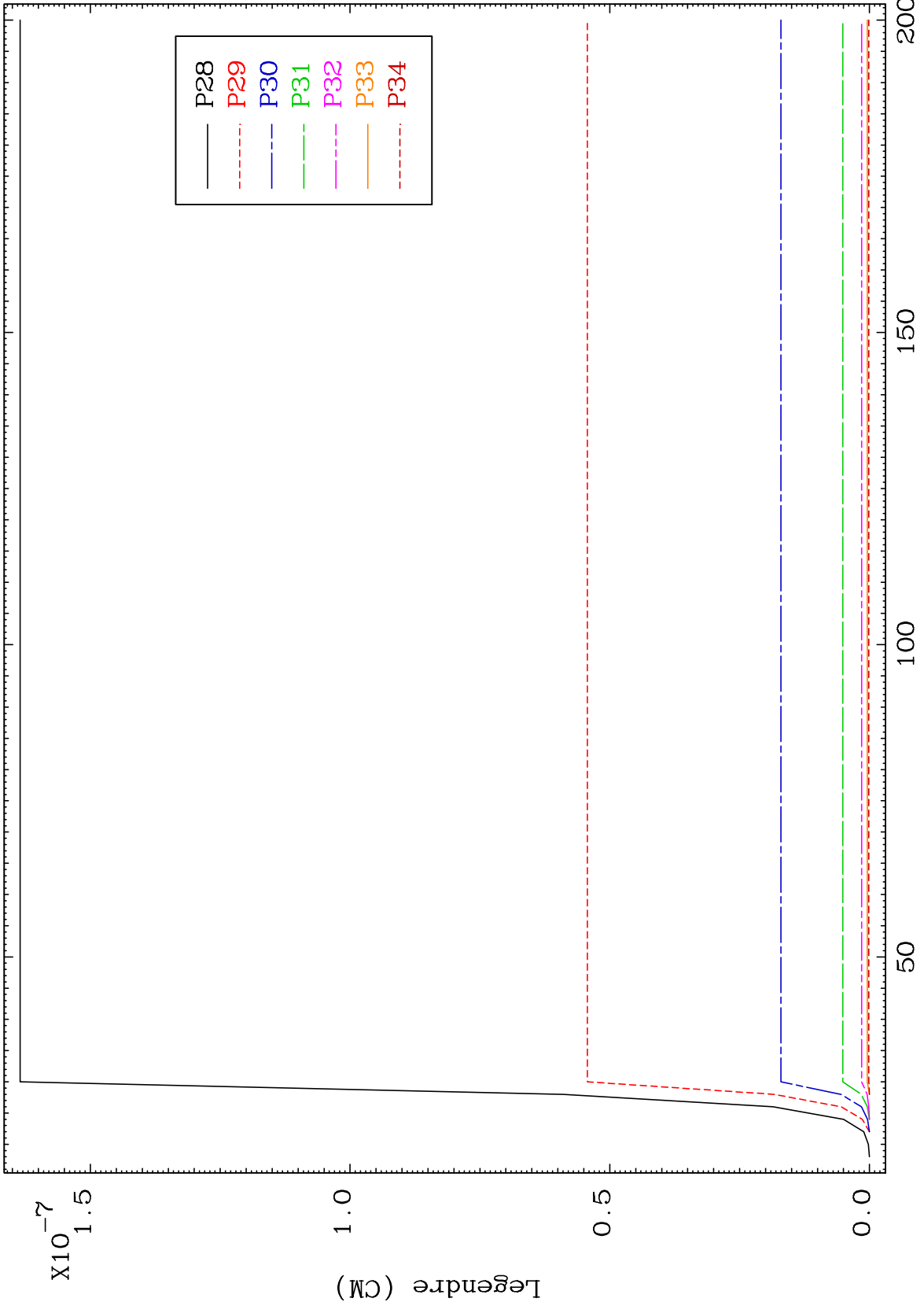
Incident Energy (MeV)

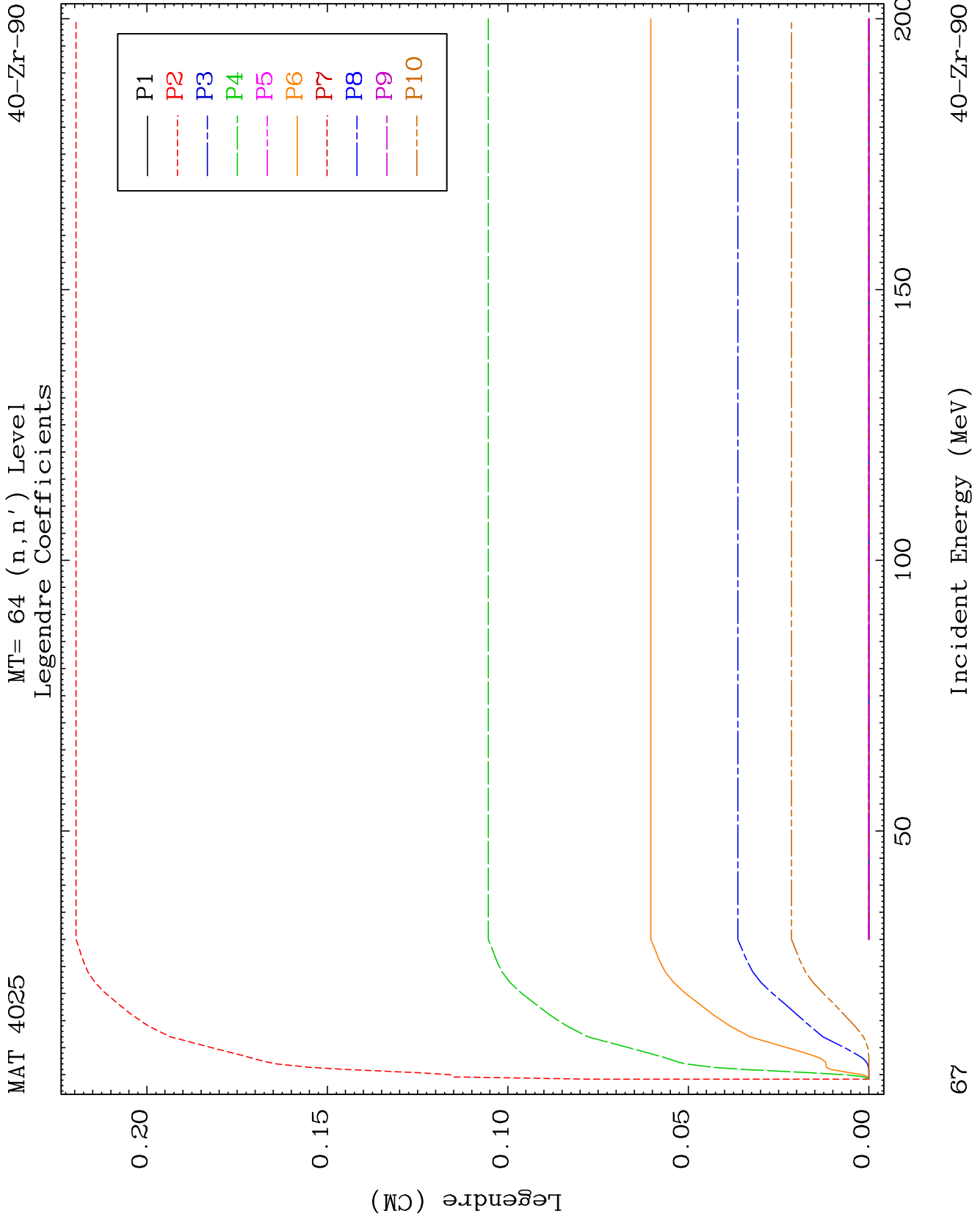
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MAT 4025 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-90

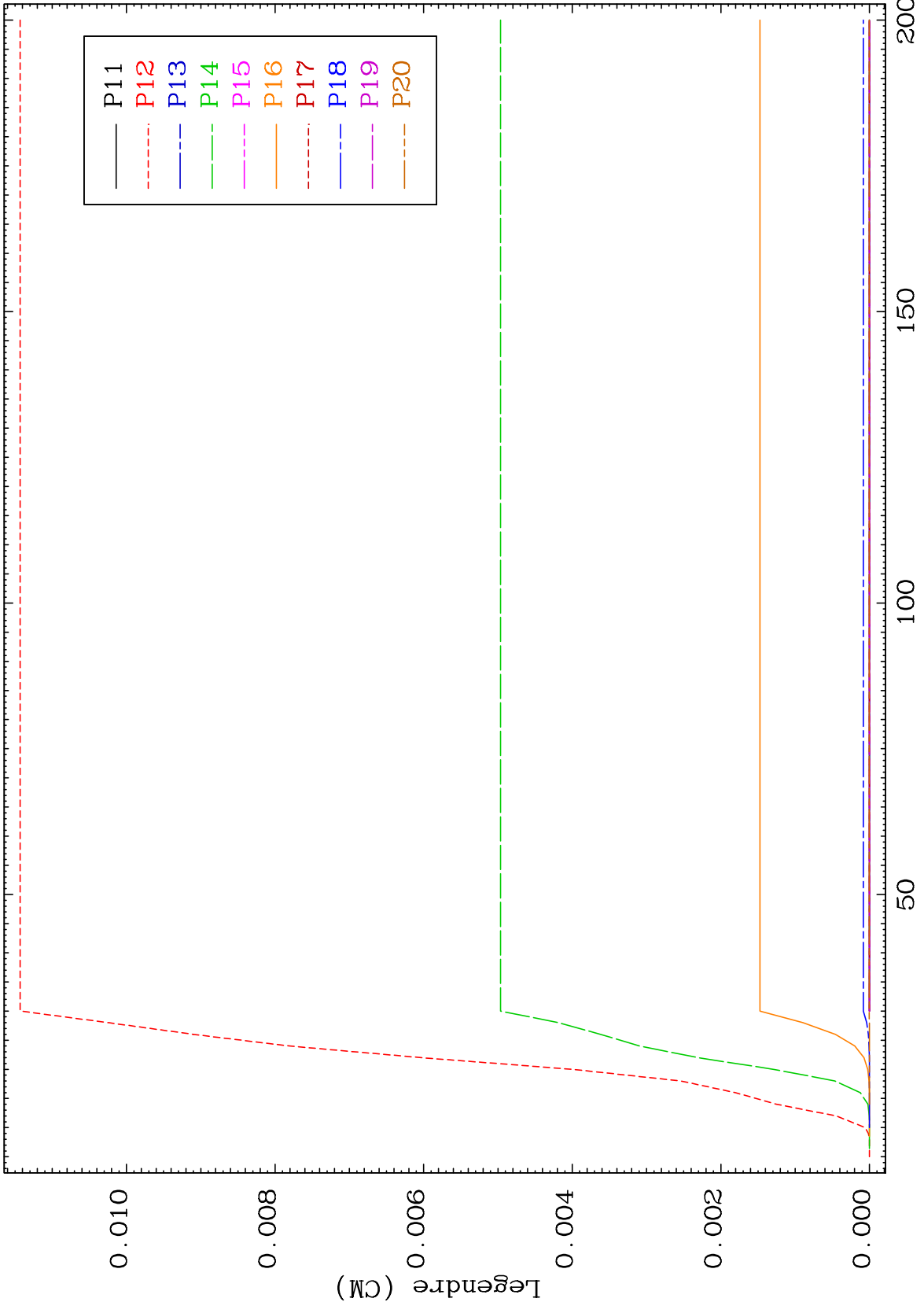


MAT 4025 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-90

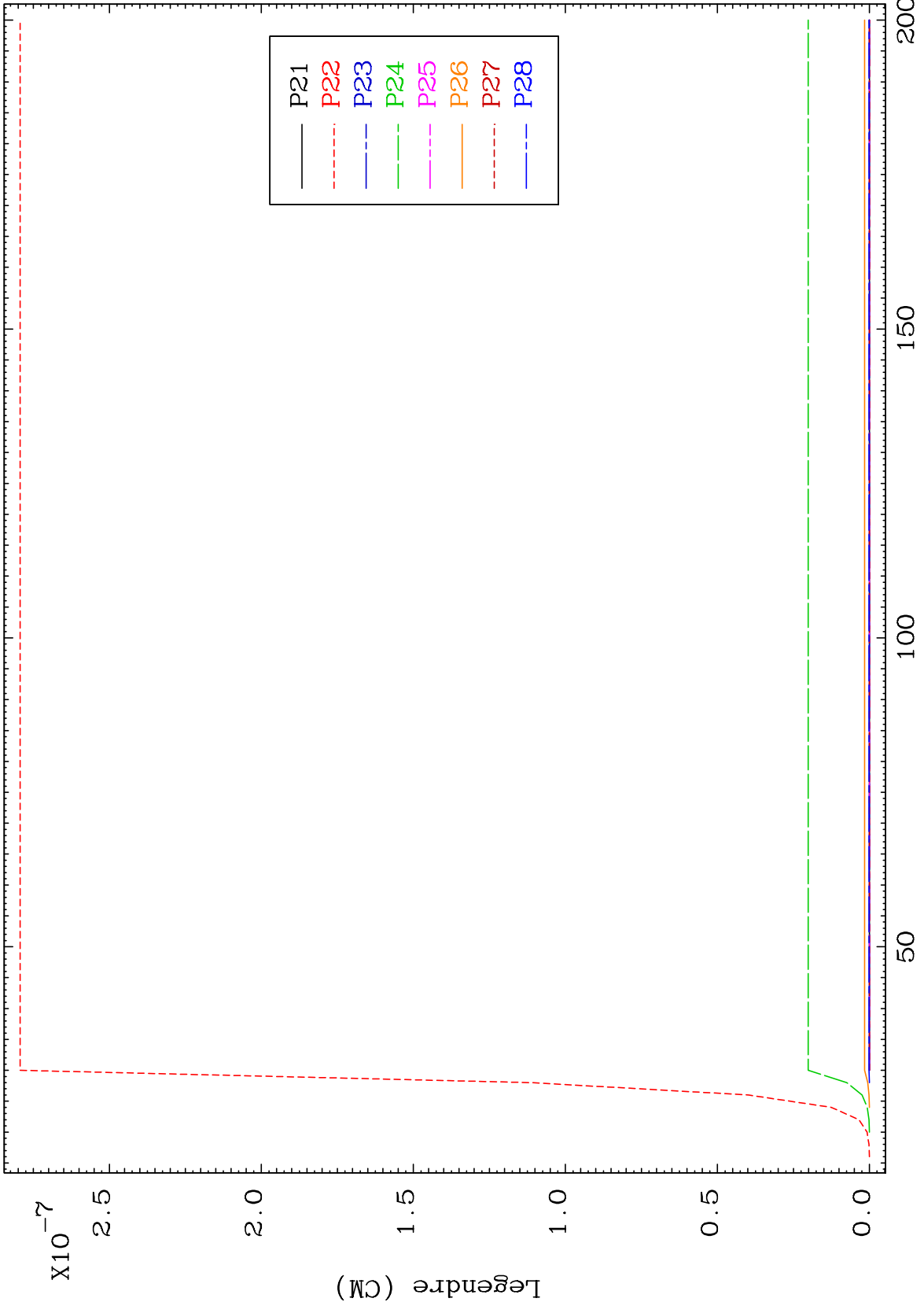




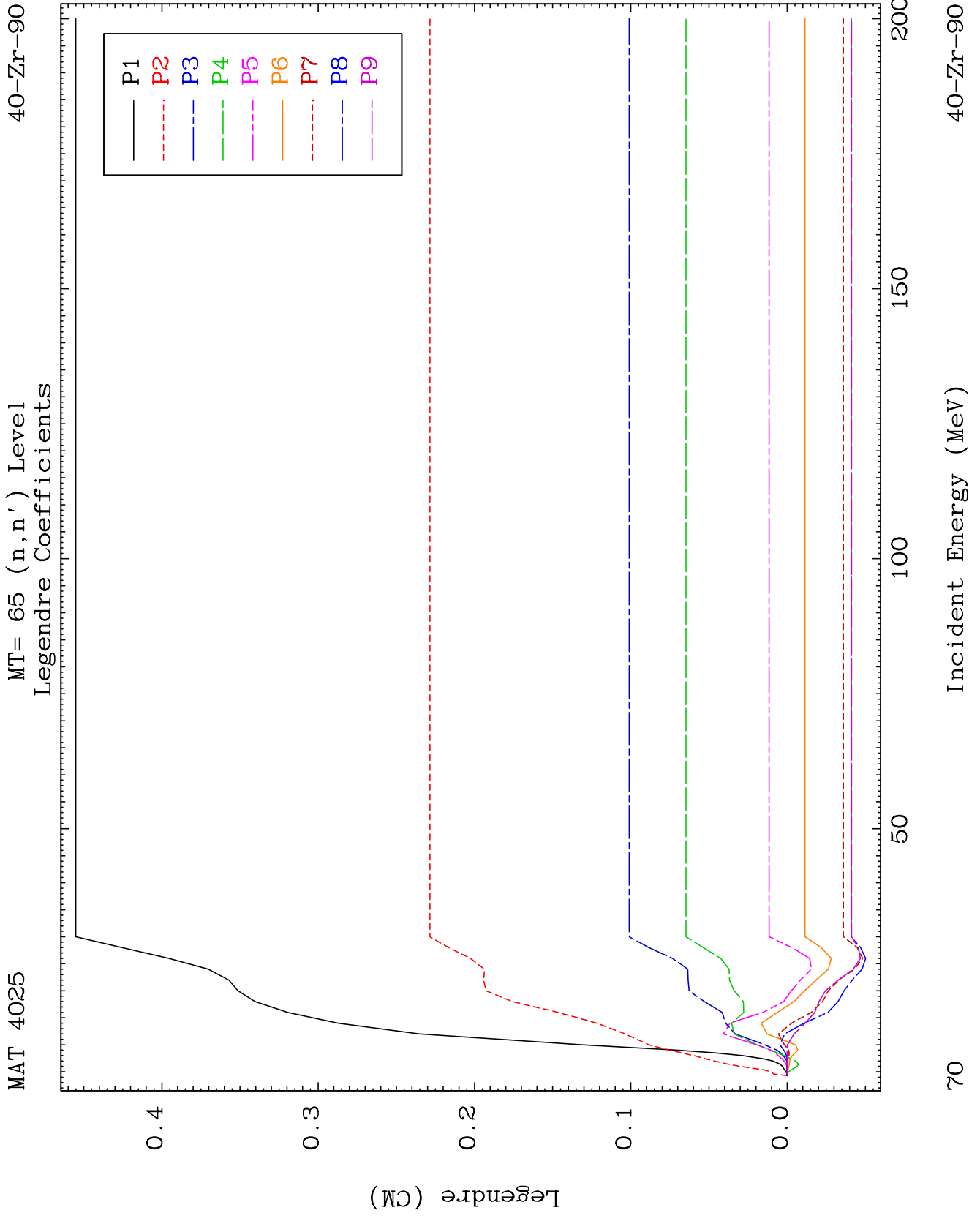
MAT 4025 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-90

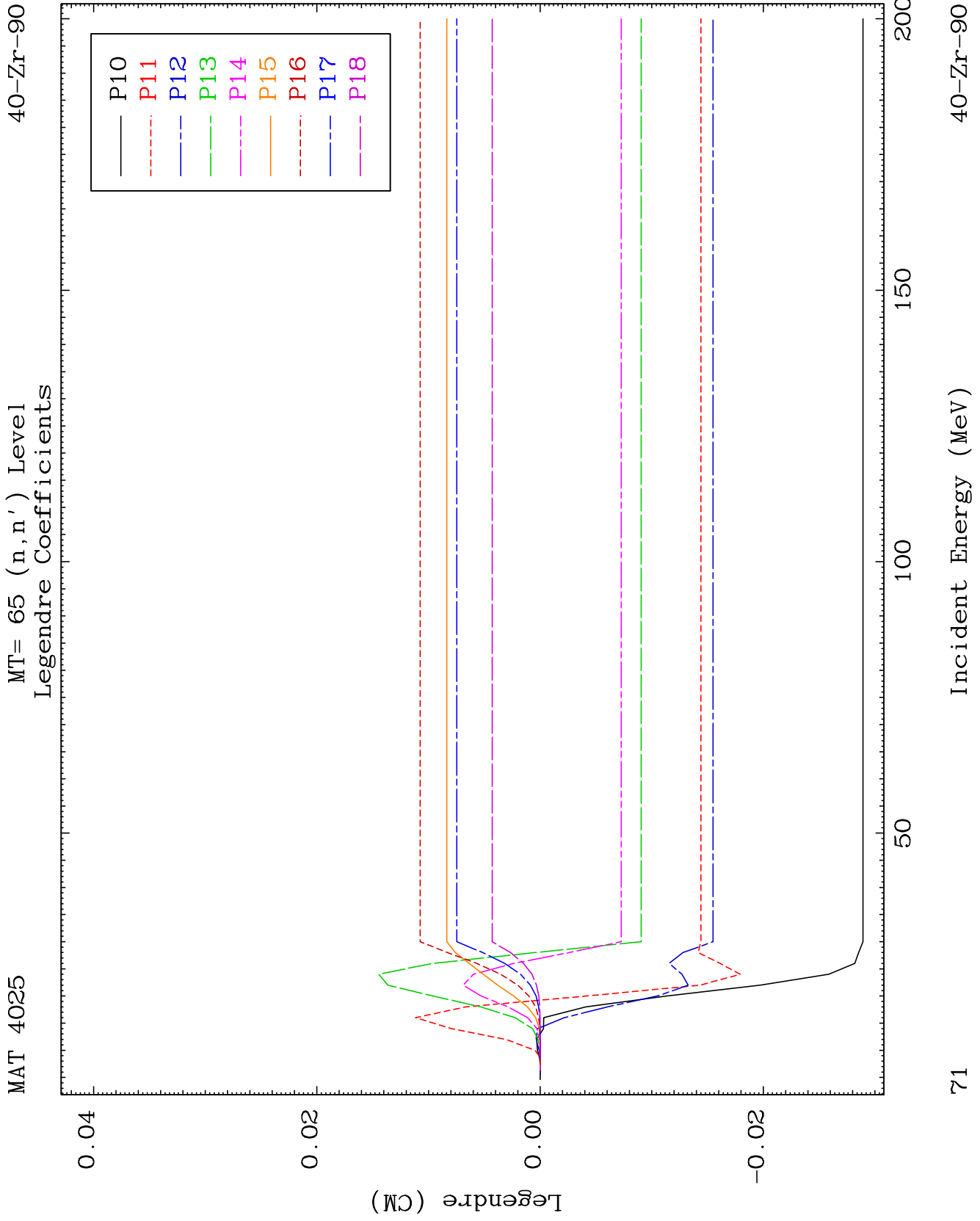


MAT 4025 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-90

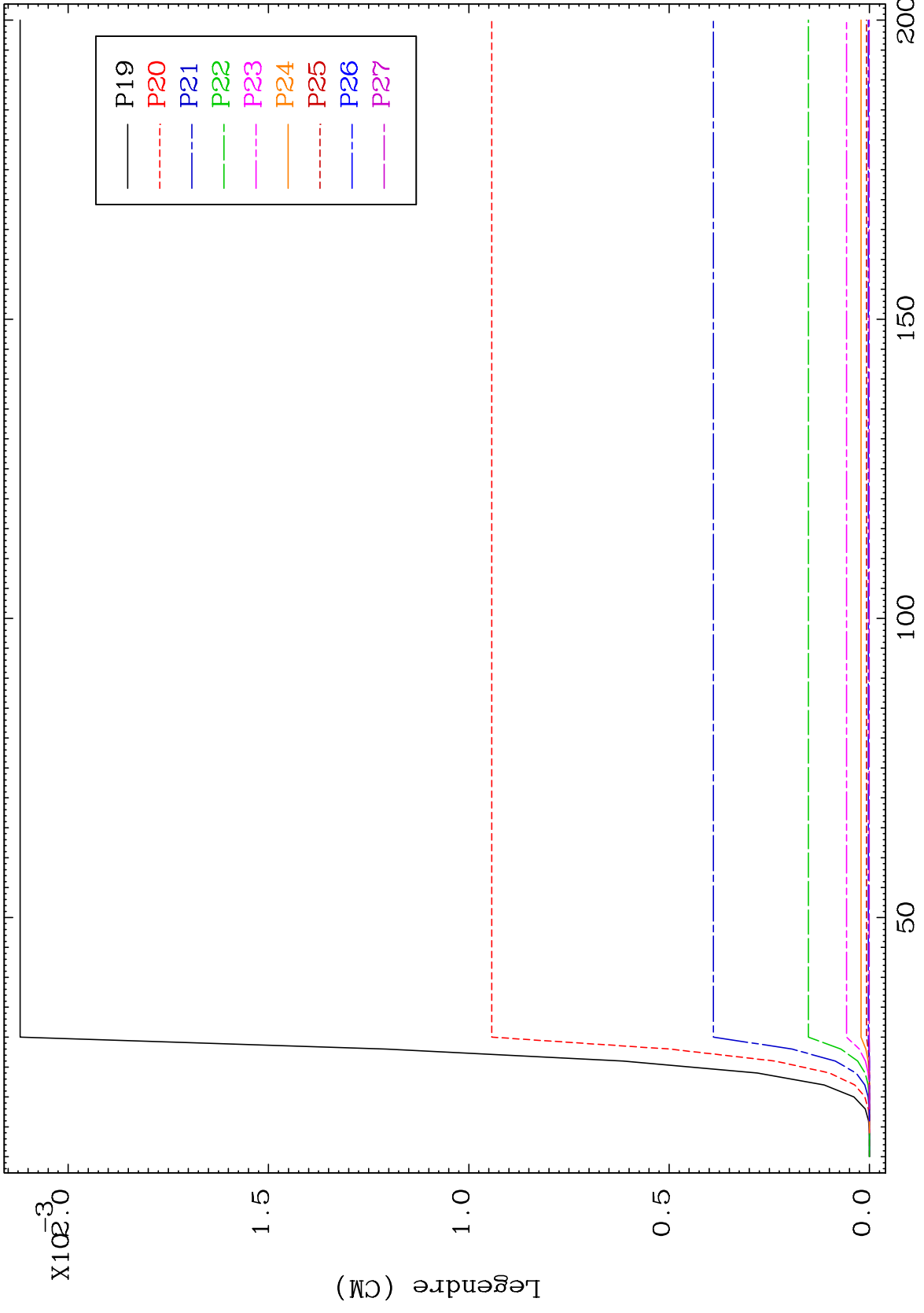


69 Incident Energy (MeV) 40-Zr-90

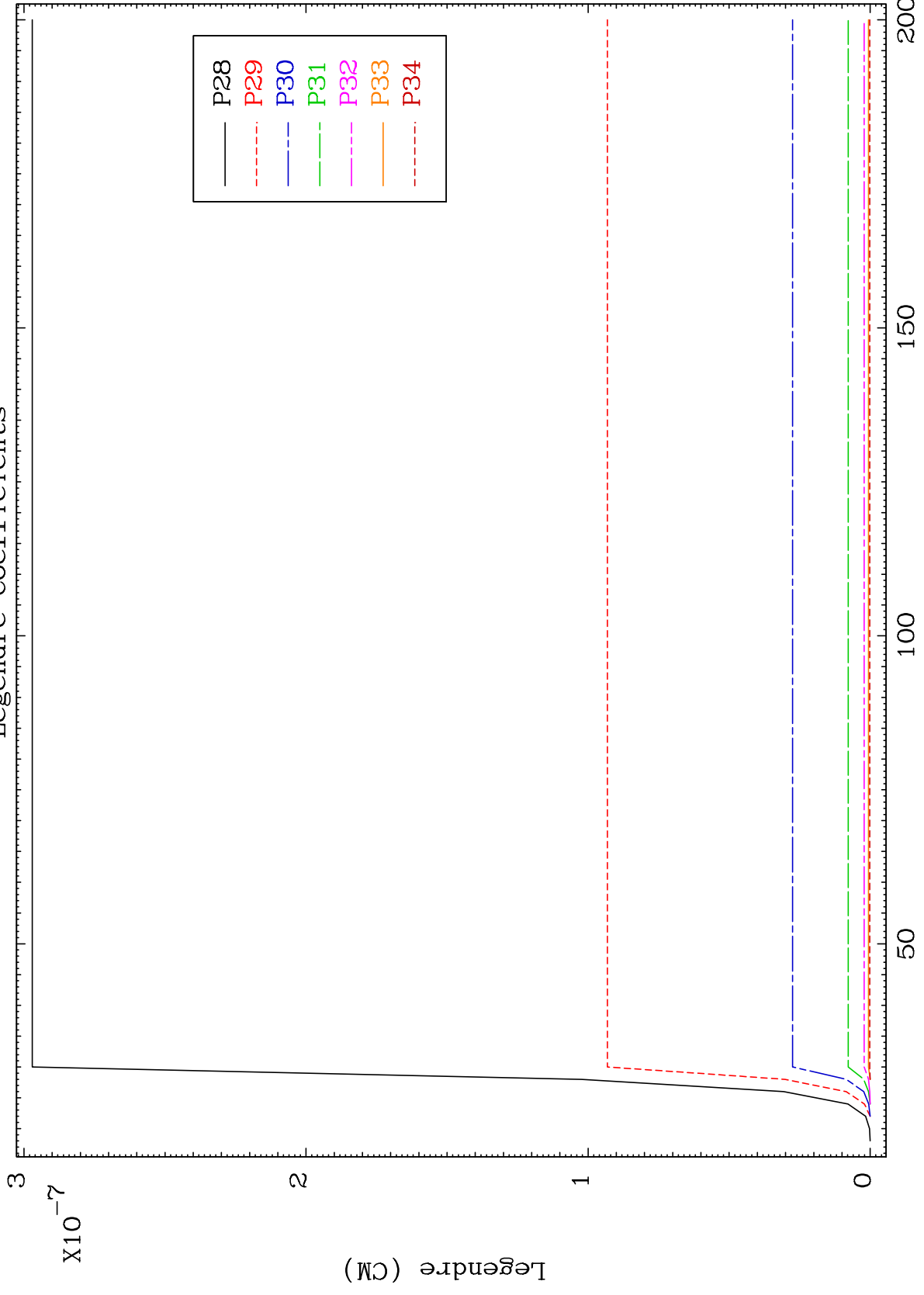




MAT 4025 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-90

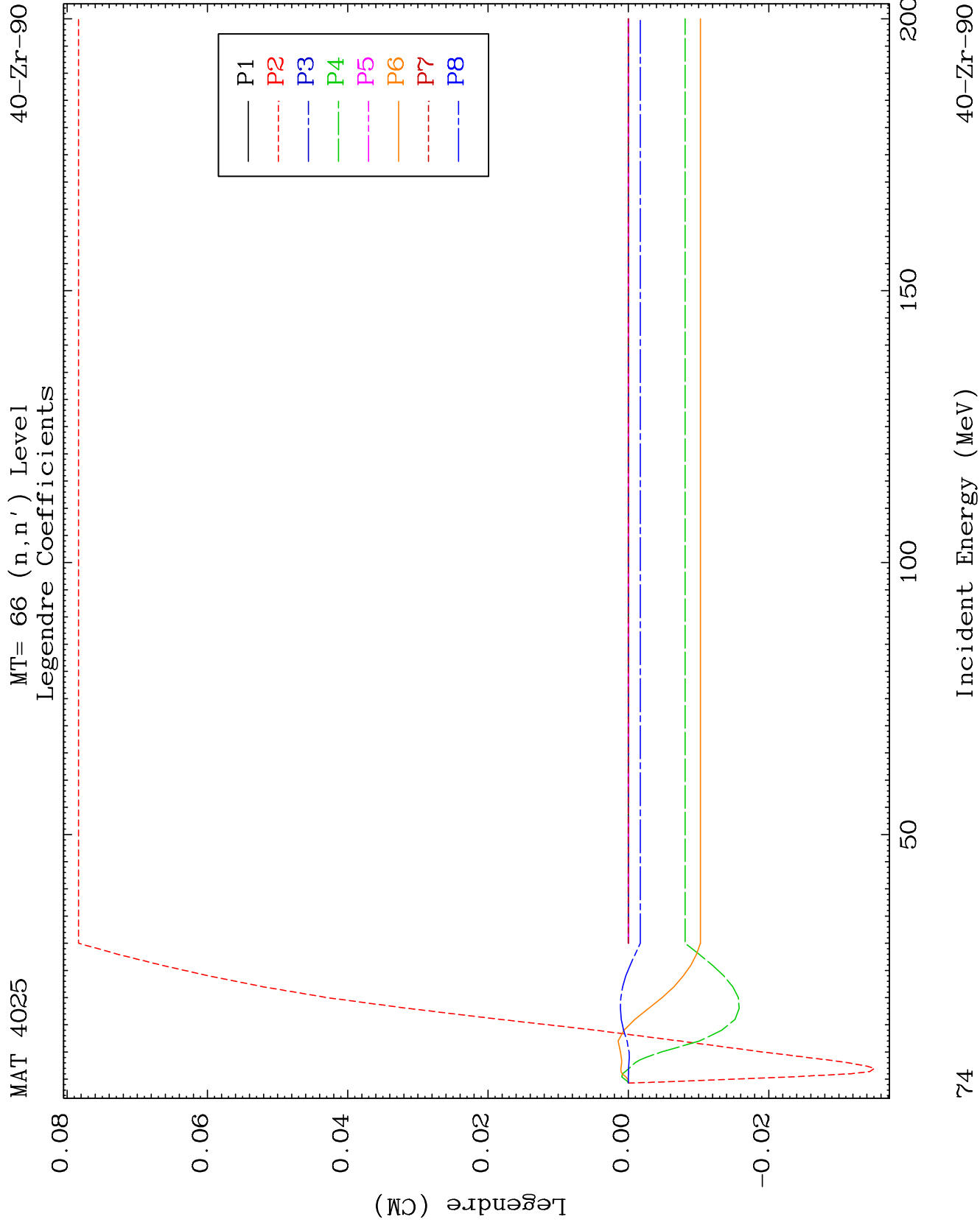


MAT 4025 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-90

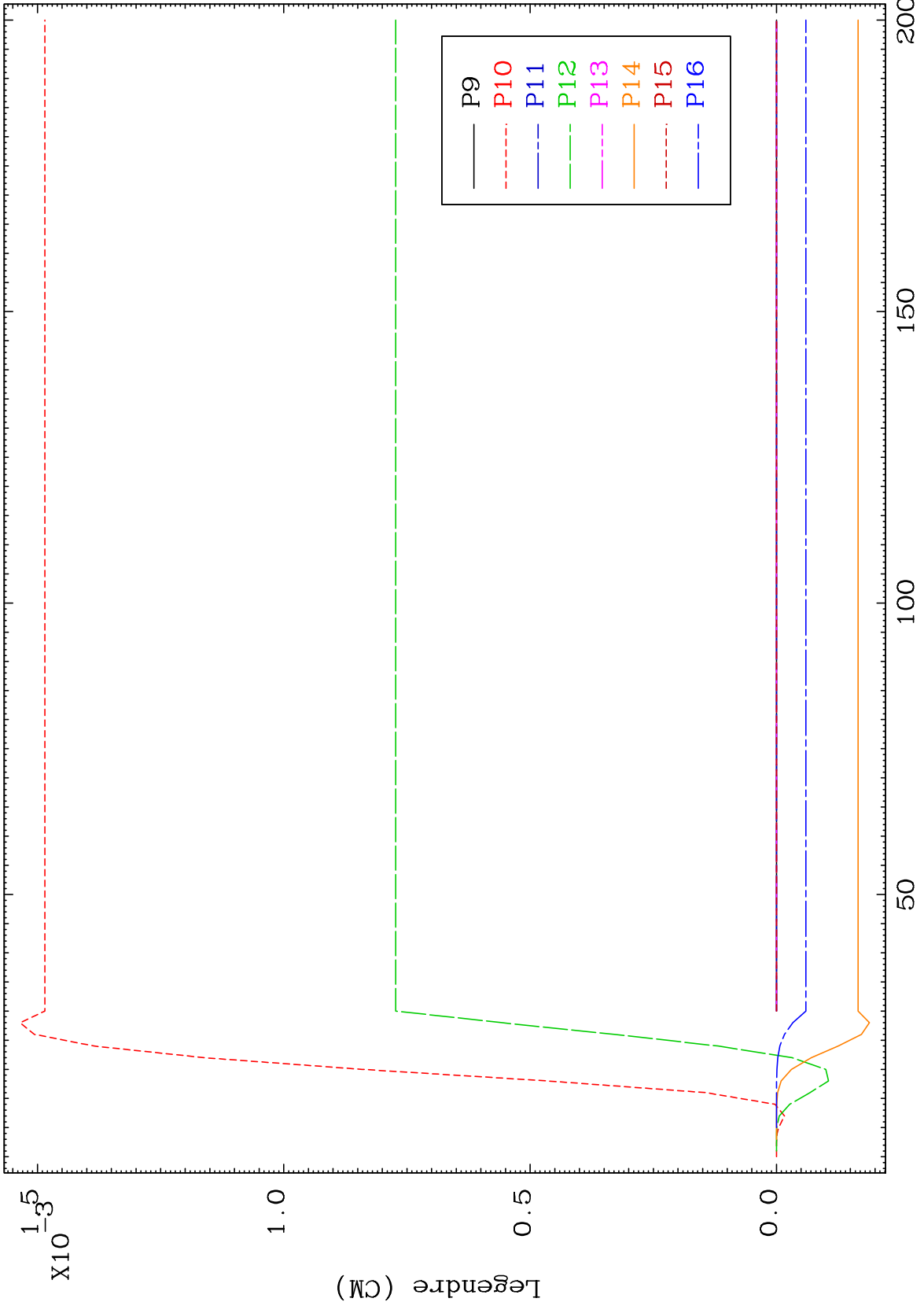


73

40-Zr-90



MAT 4025 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-90



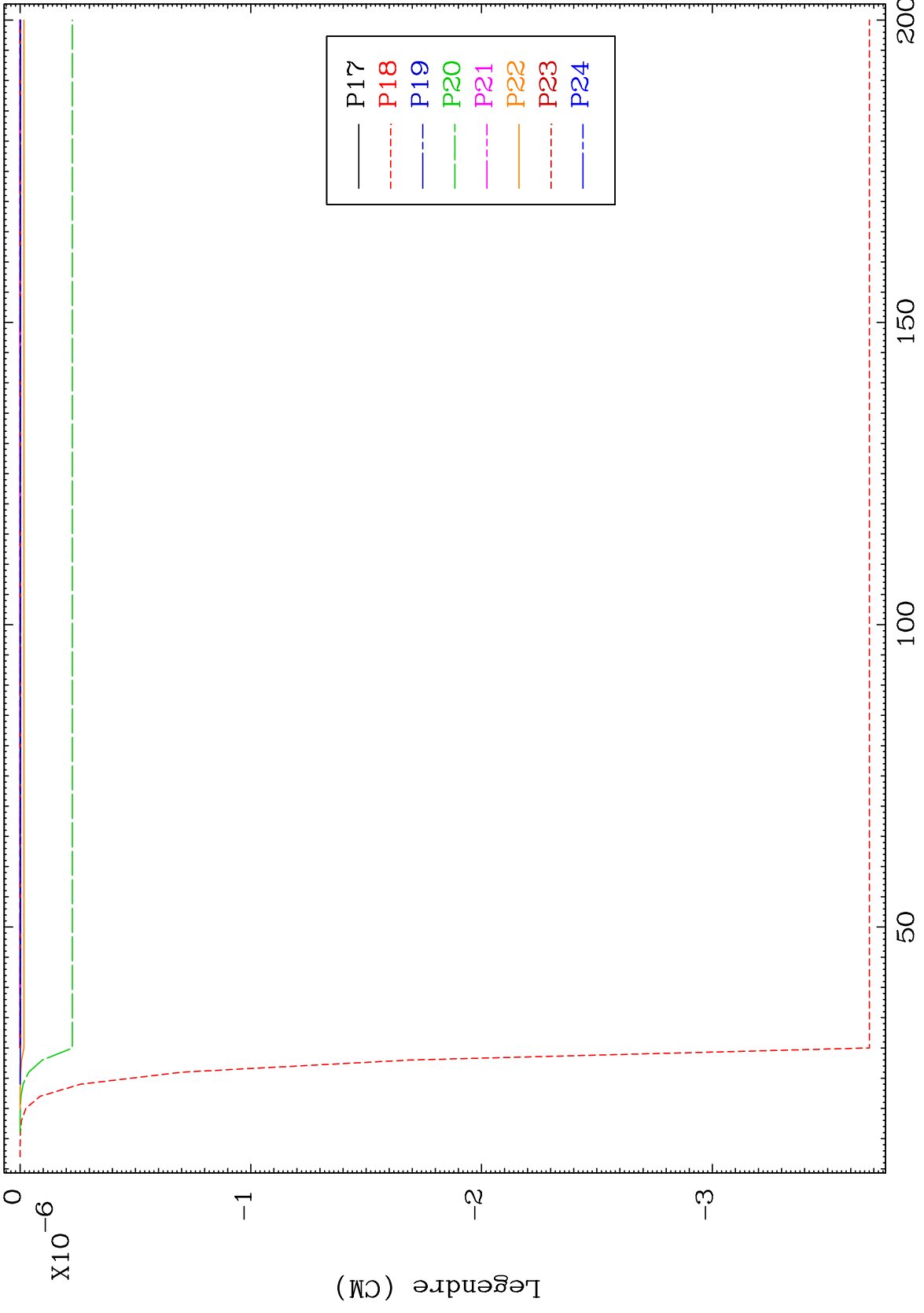
75

Incident Energy (MeV)

200

40-Zr-90

MAT 4025 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-90

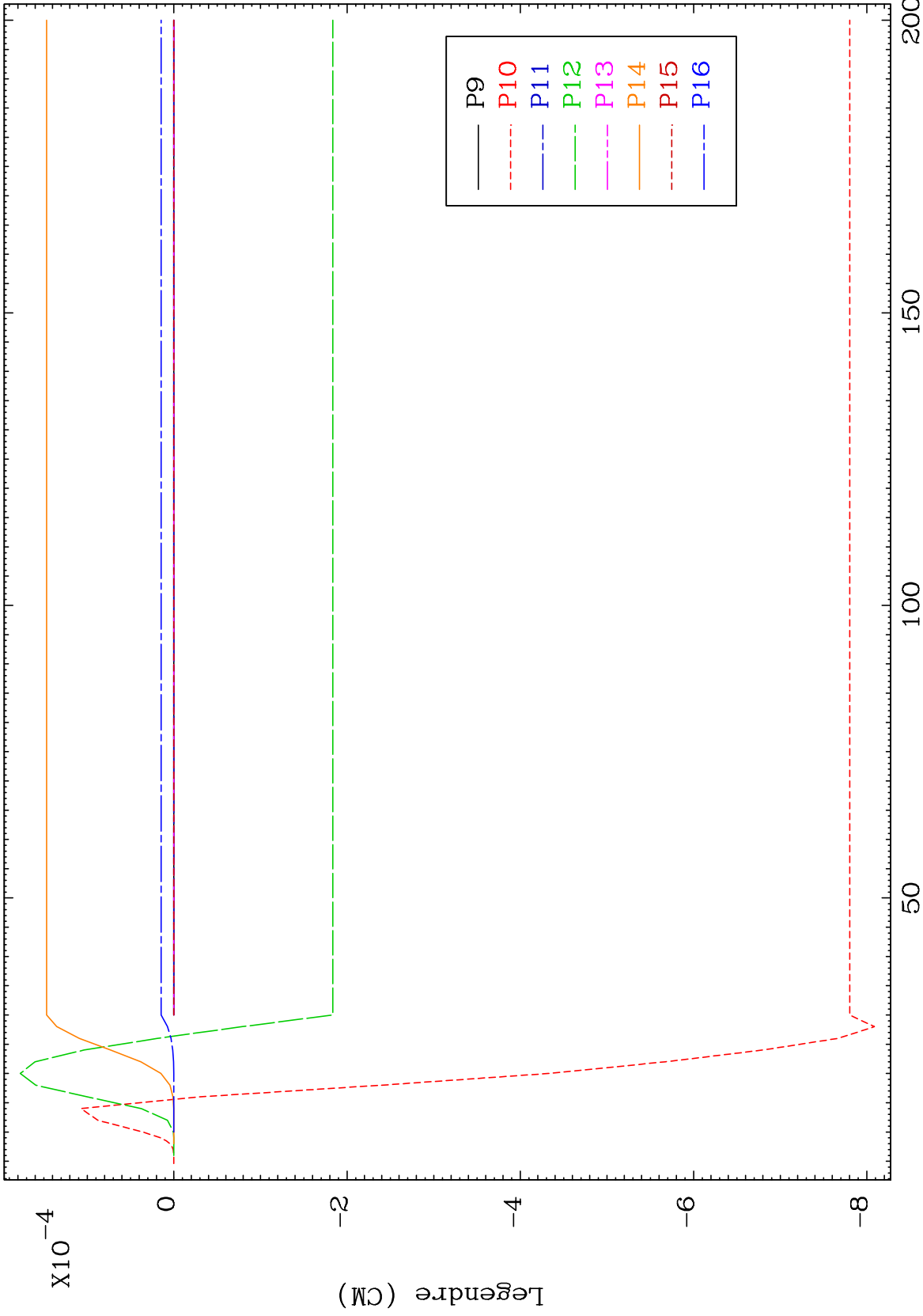


76 Incident Energy (MeV) 40-Zr-90

MAT 4025

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

40-Zr-90

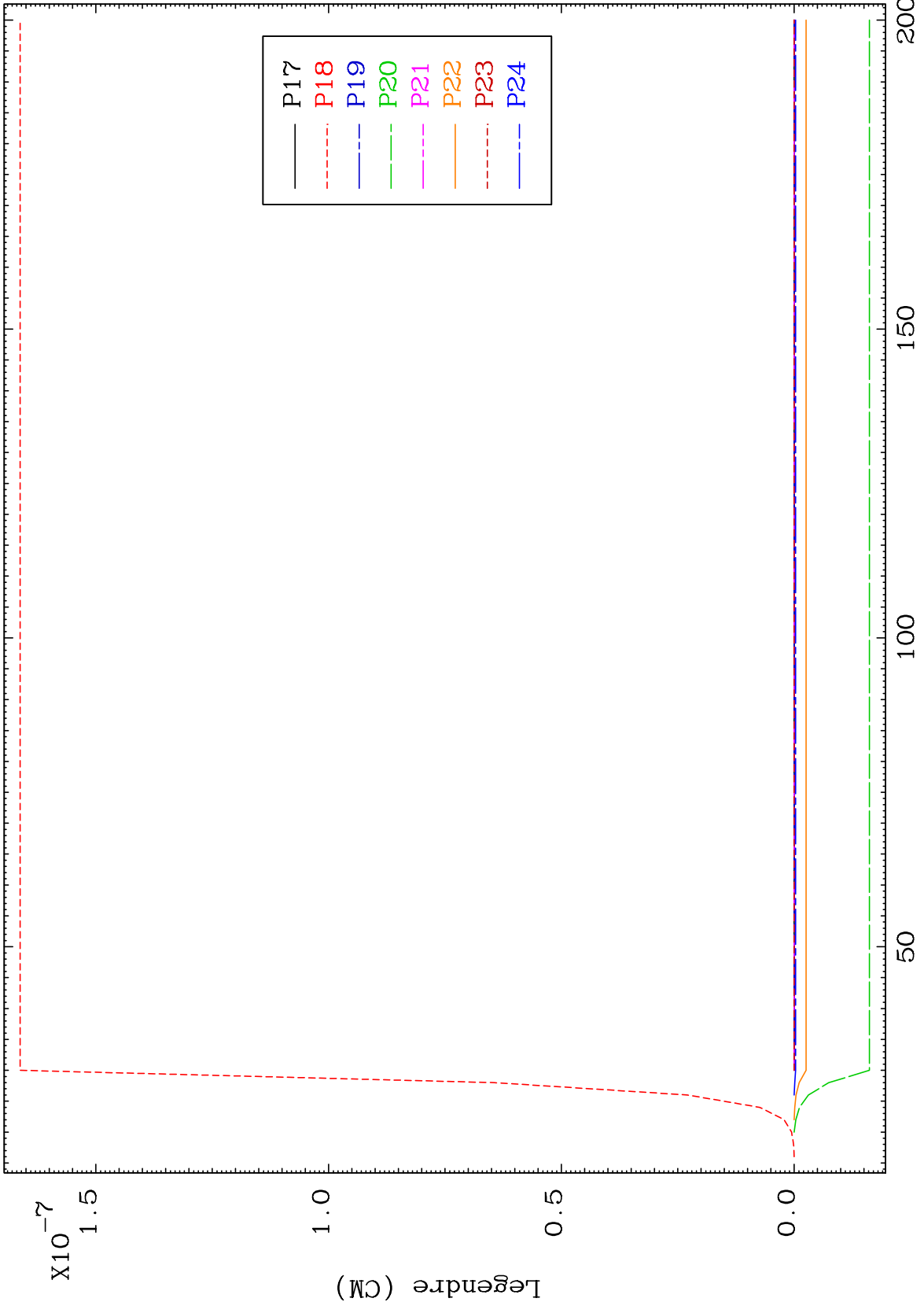


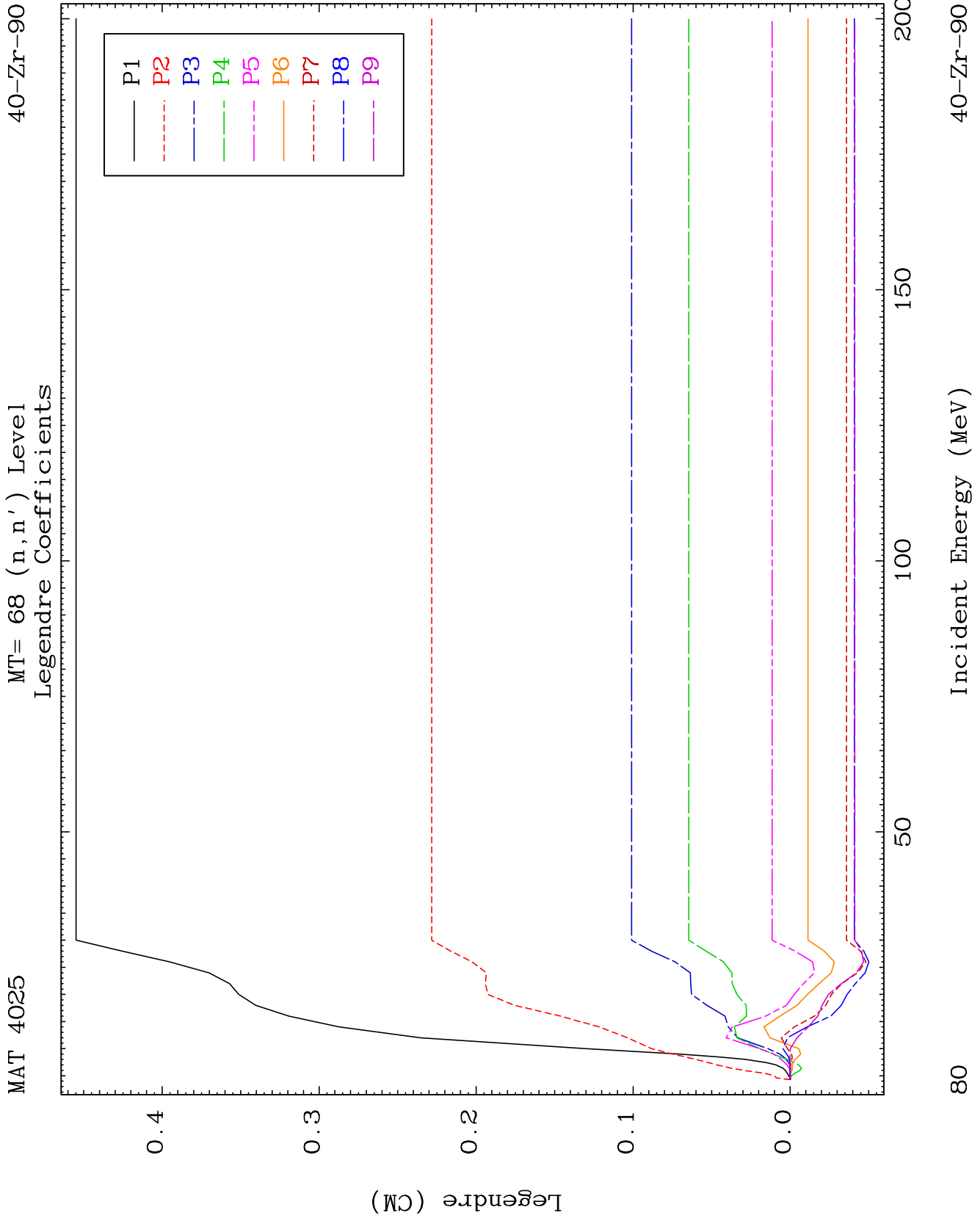
78

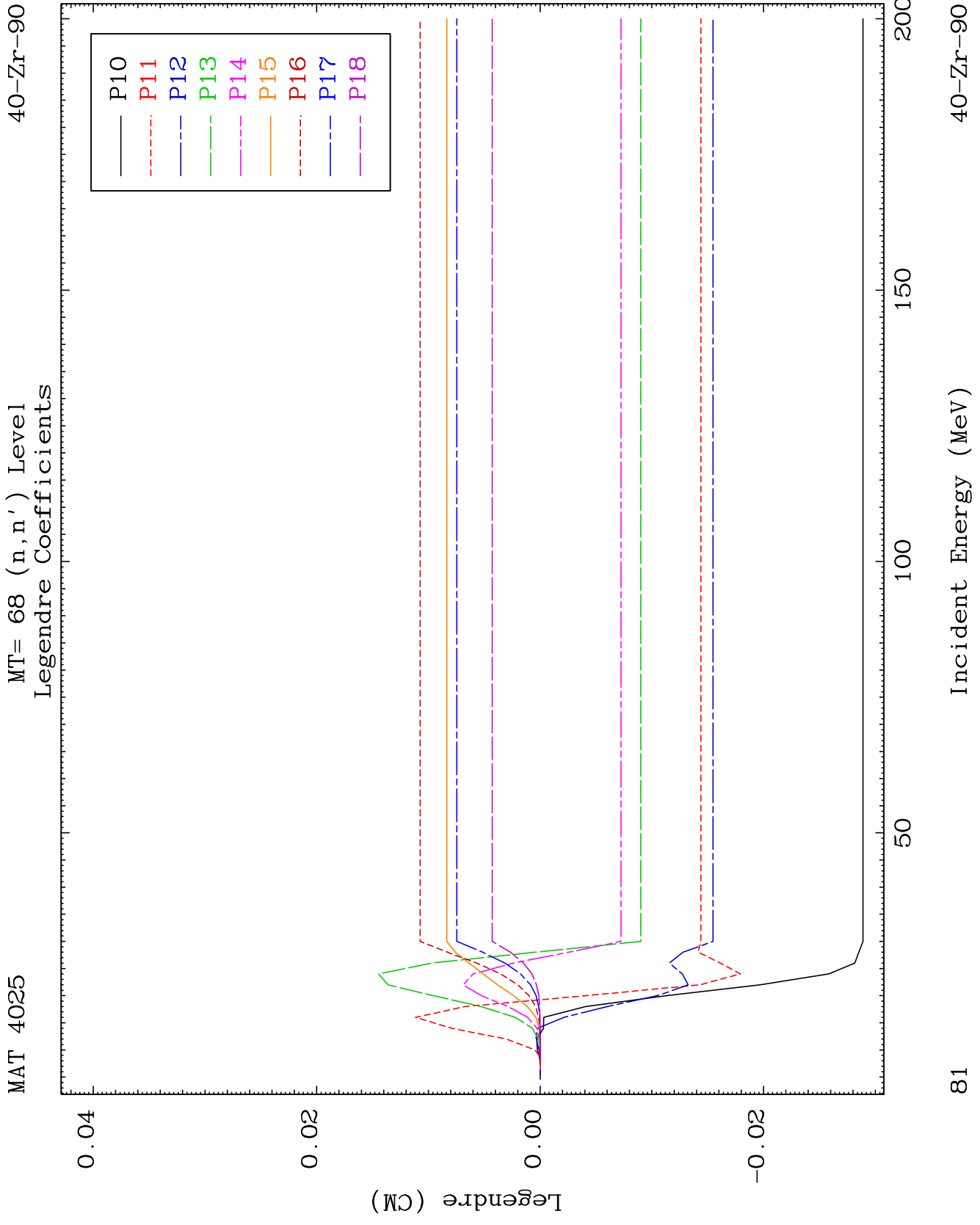
Incident Energy (MeV)

40-Zr-90

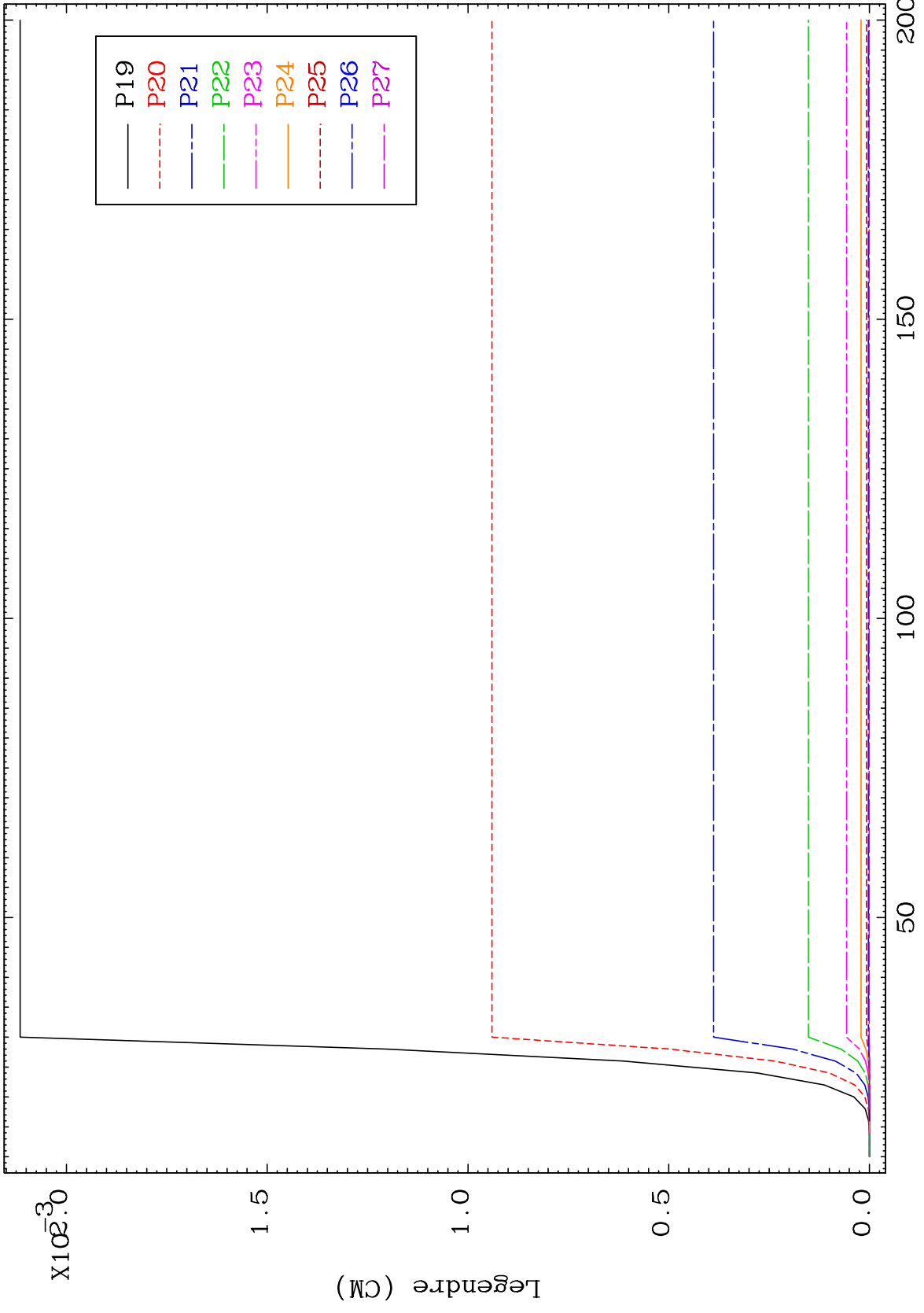
MAT 4025 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-90



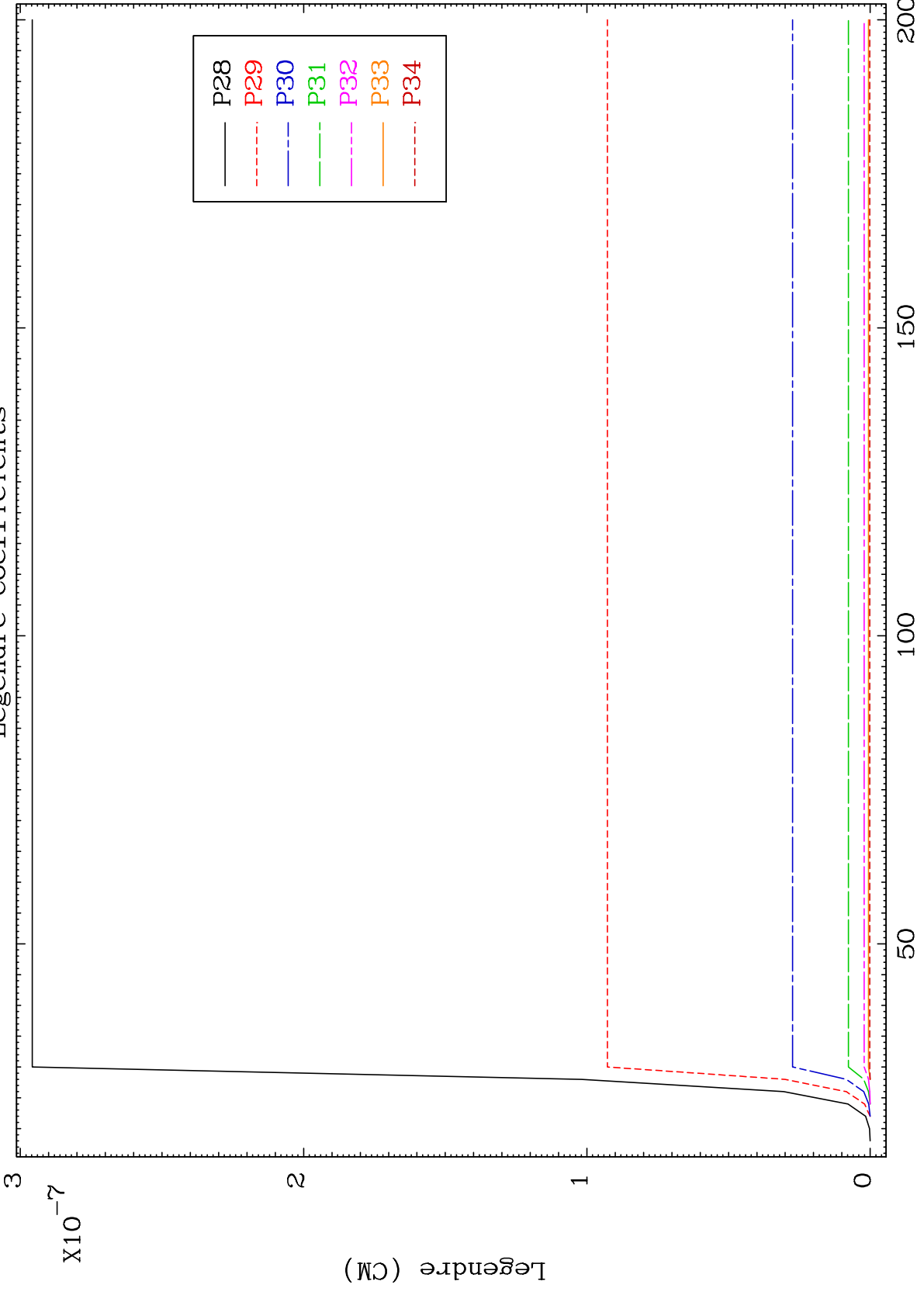




MAT 4025 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-90



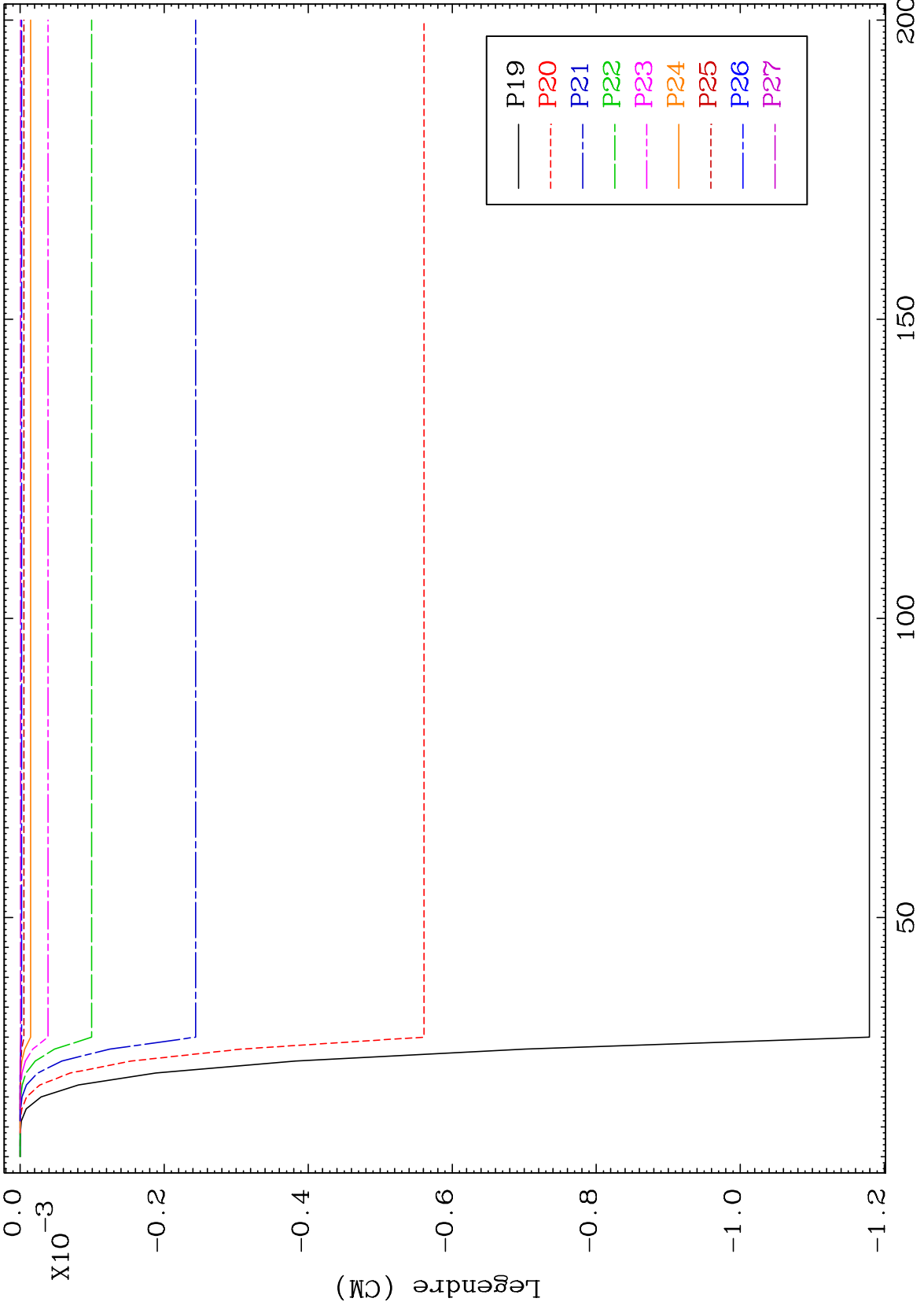
MAT 4025 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-90

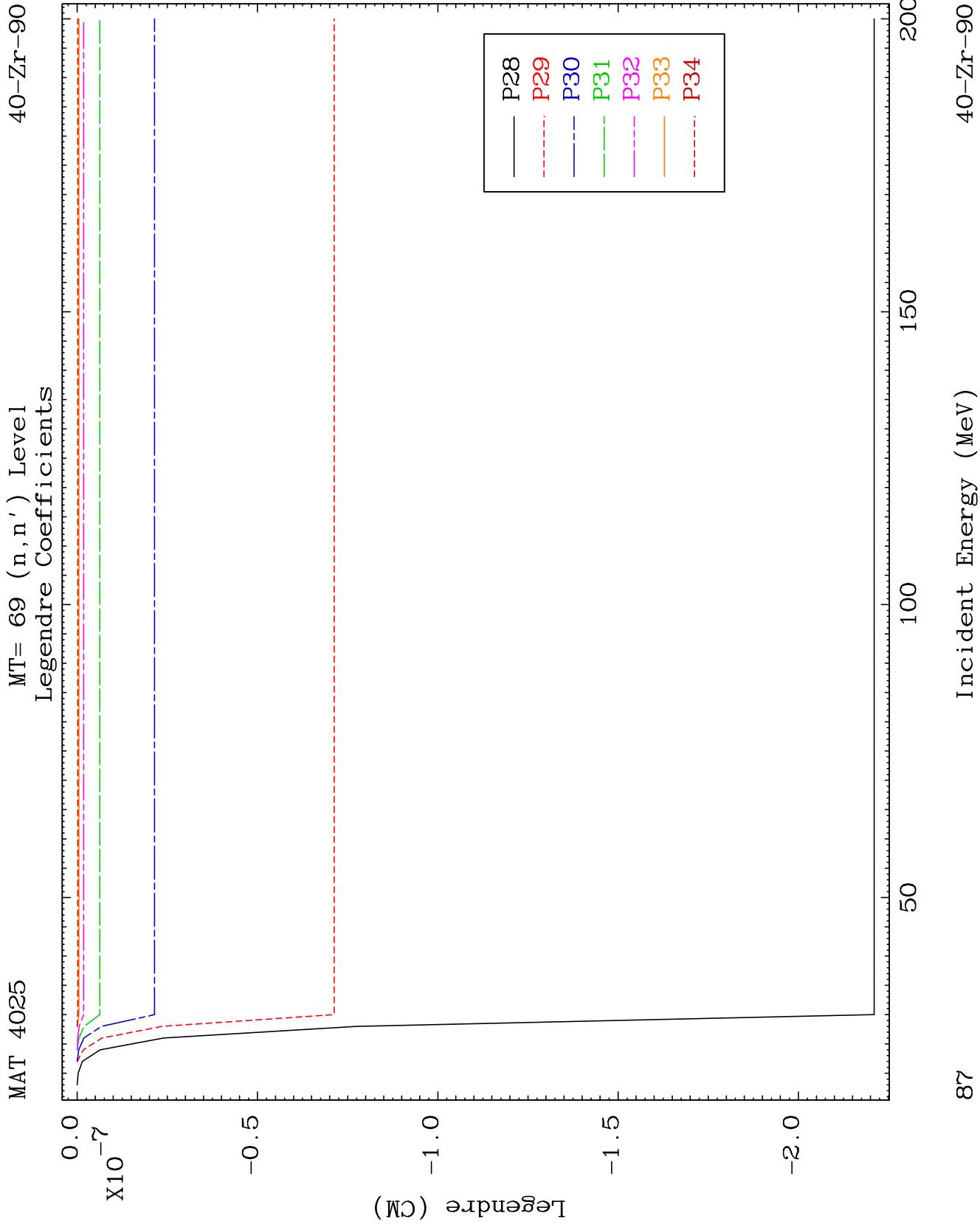


MAT 4025 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-90

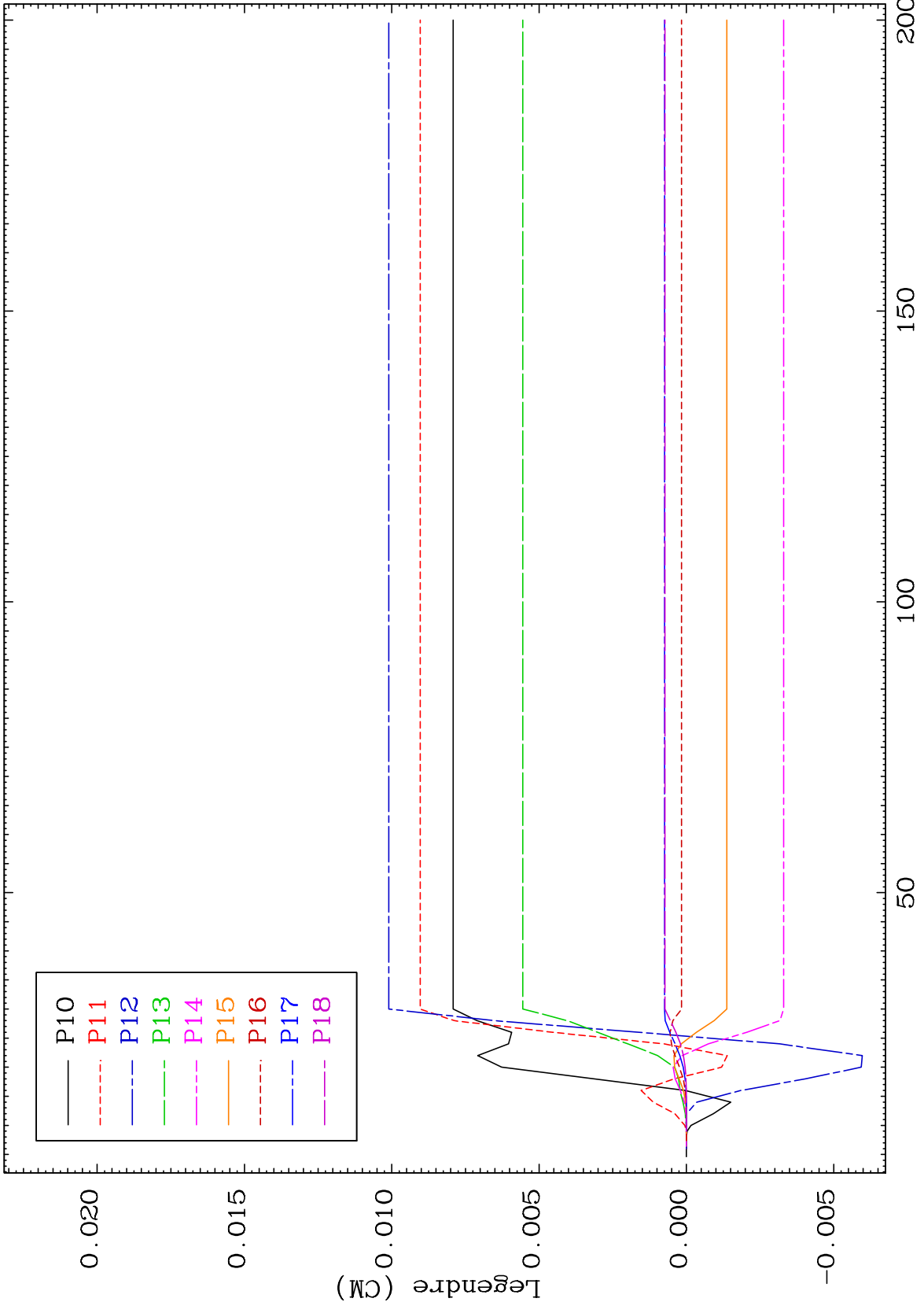


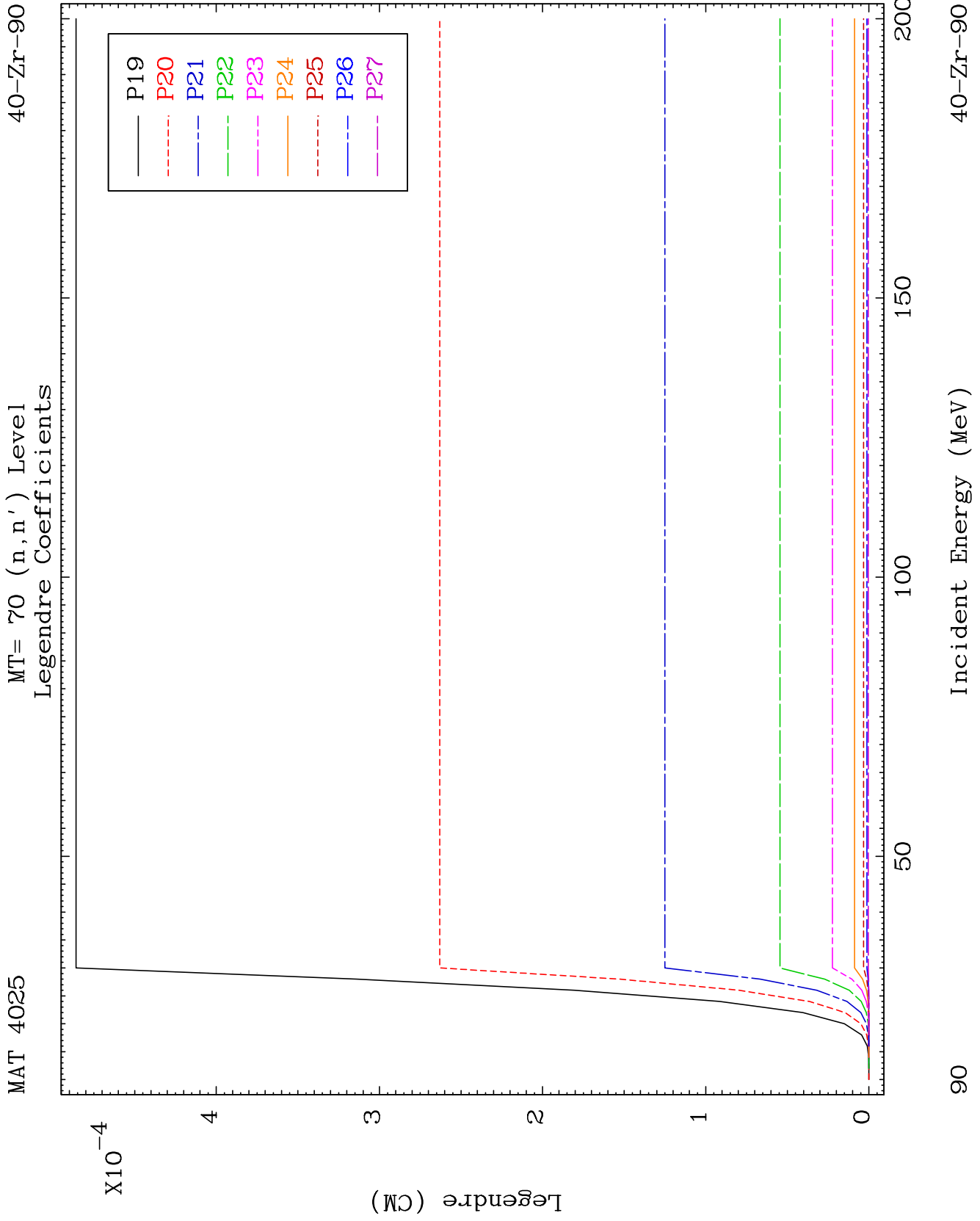
MAT 4025 MT= 69 (n,n') Level Legendre Coefficients 40-Zr-90



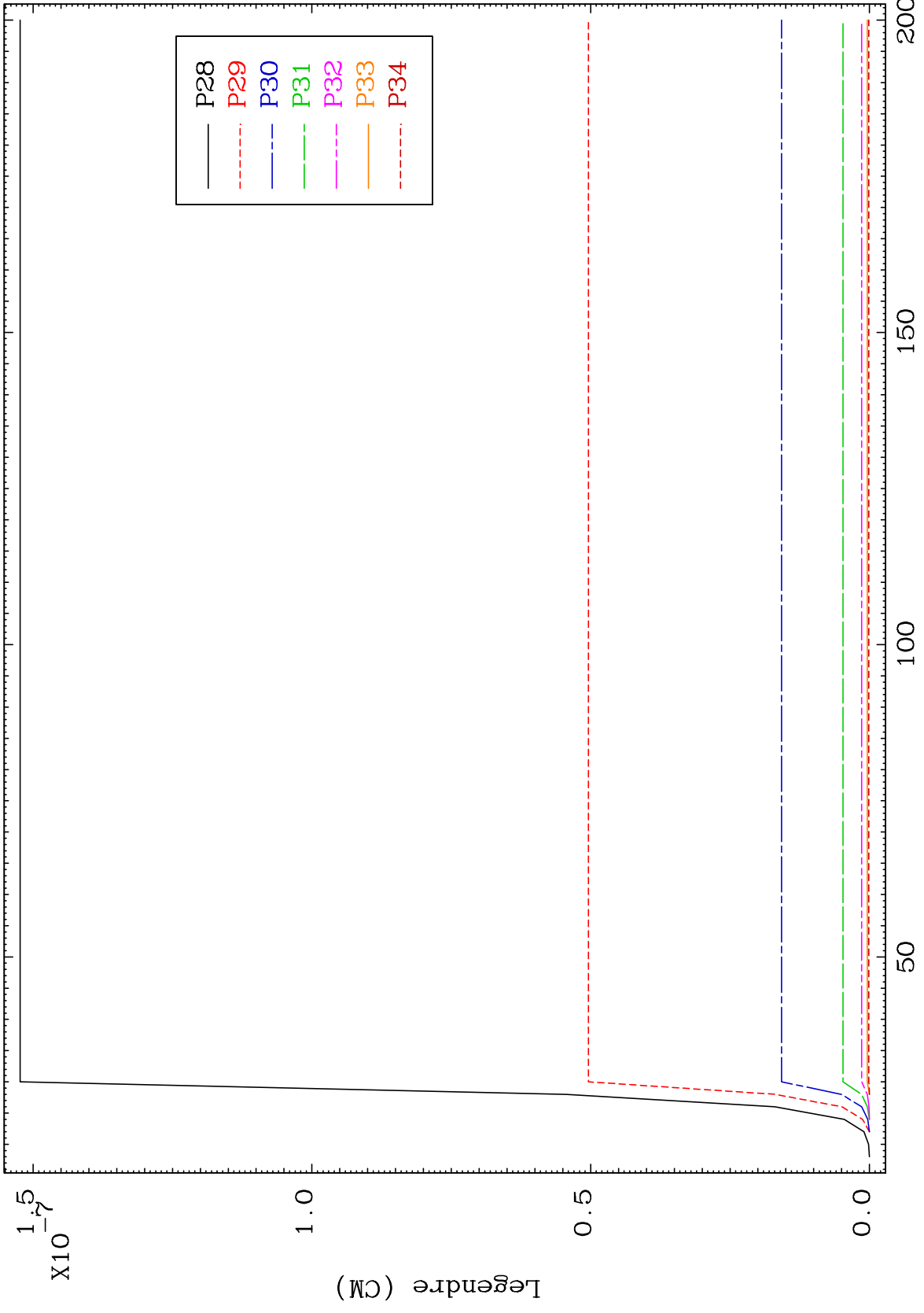


MAT 4025 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-90





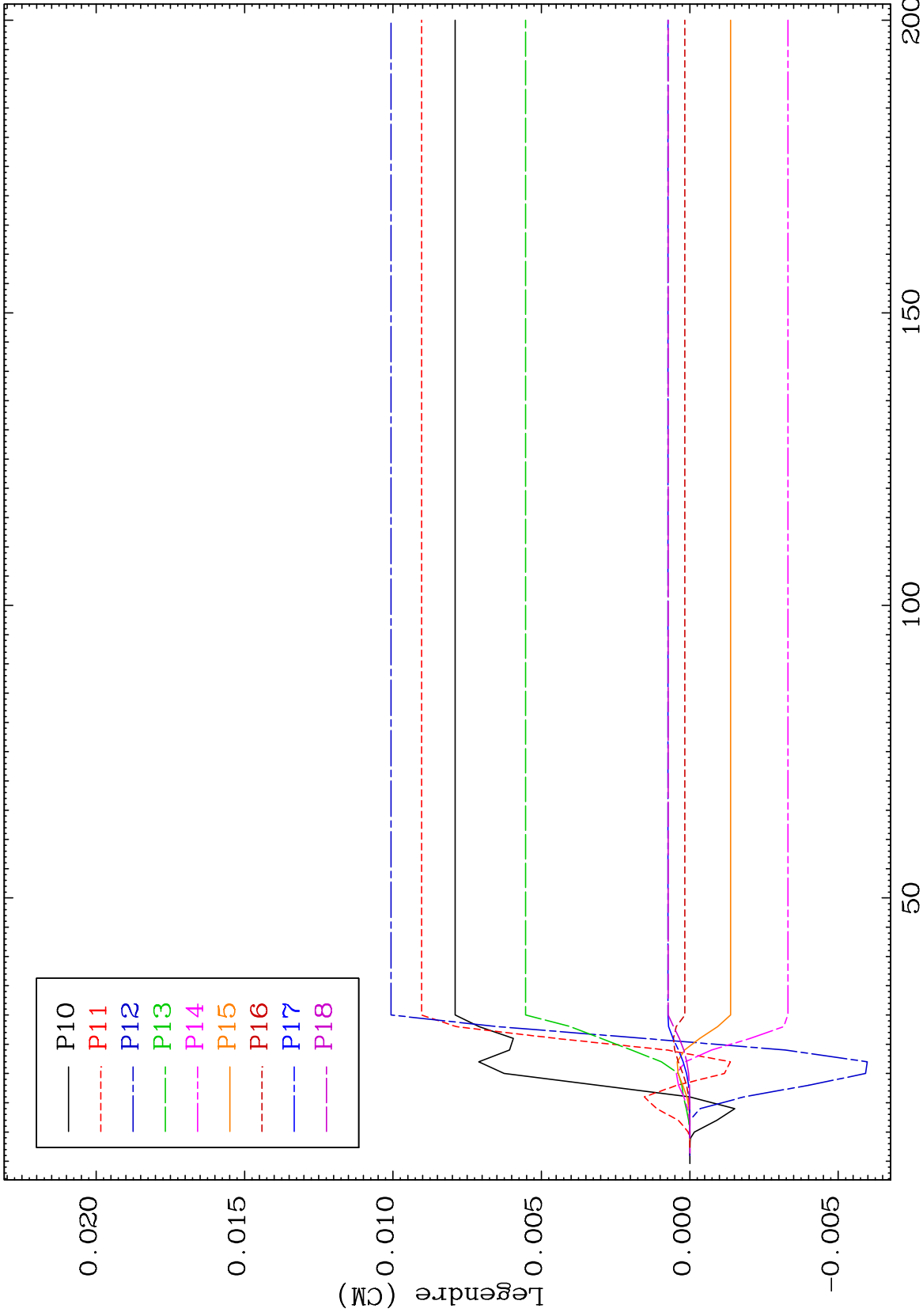
MAT 4025 MT= 70 (n,n') Level Legendre Coefficients 40-Zr-90



MAT 4025

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

40-Zr-90

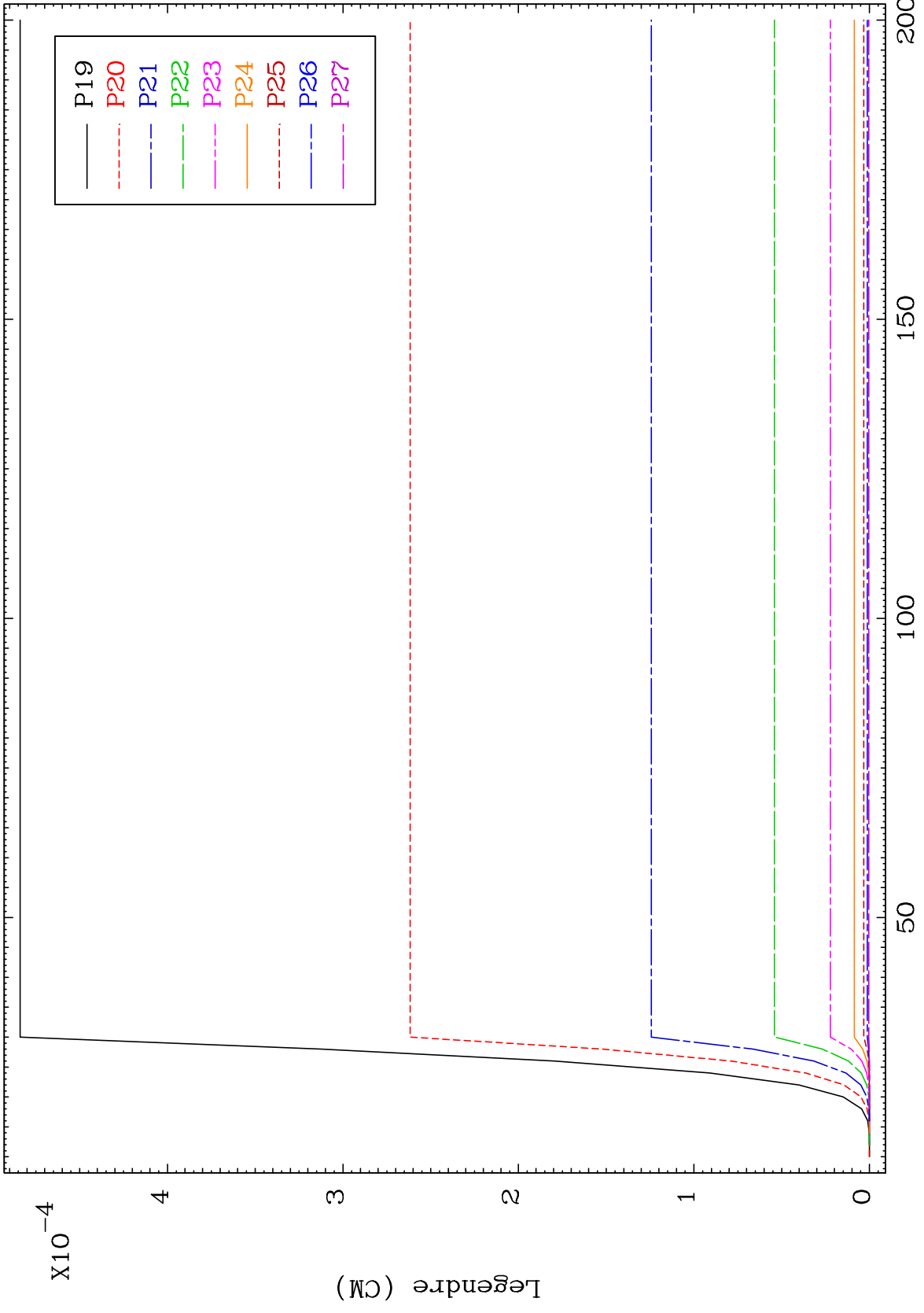


93

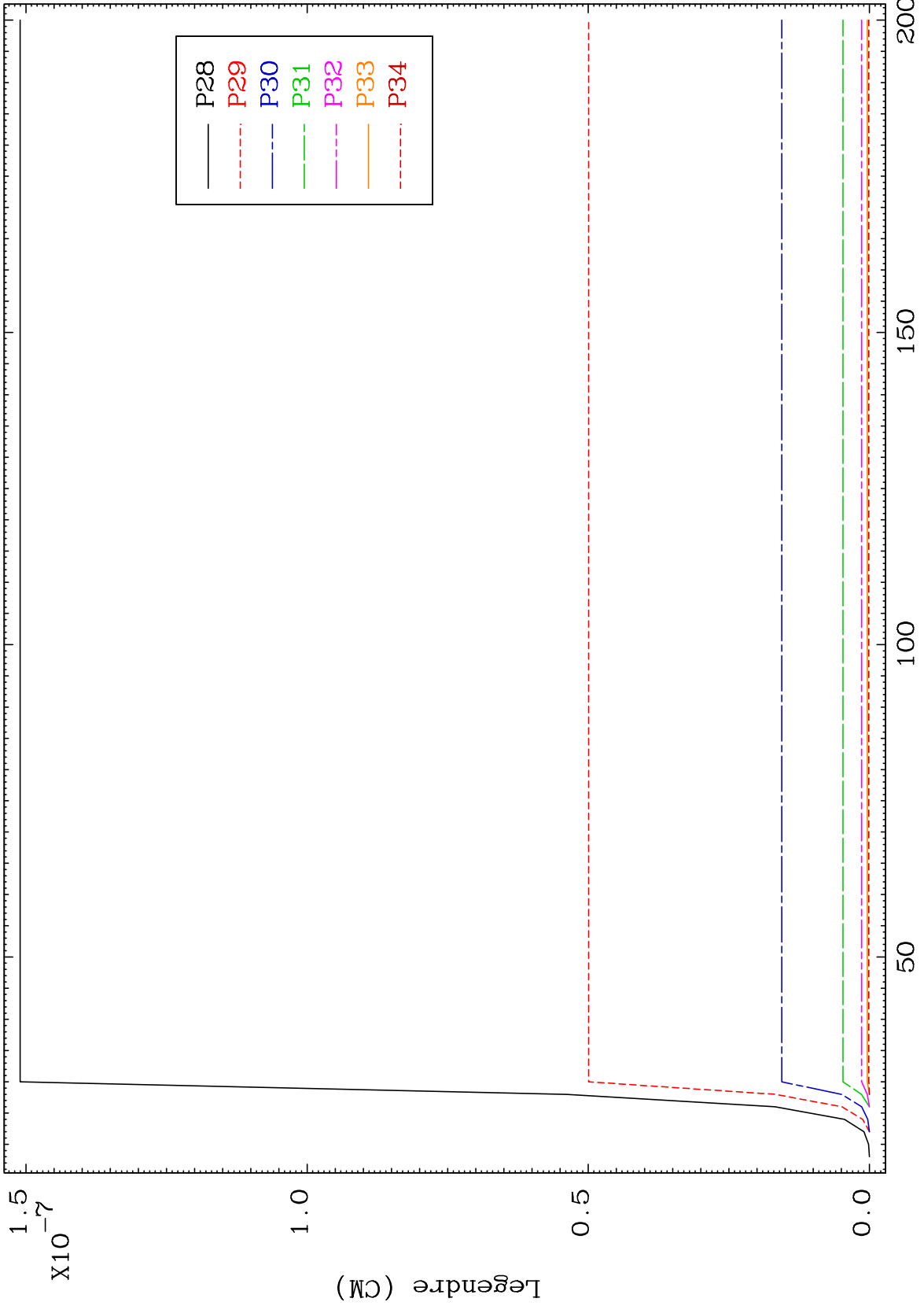
Incident Energy (MeV)

40-Zr-90

MAT 4025 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-90

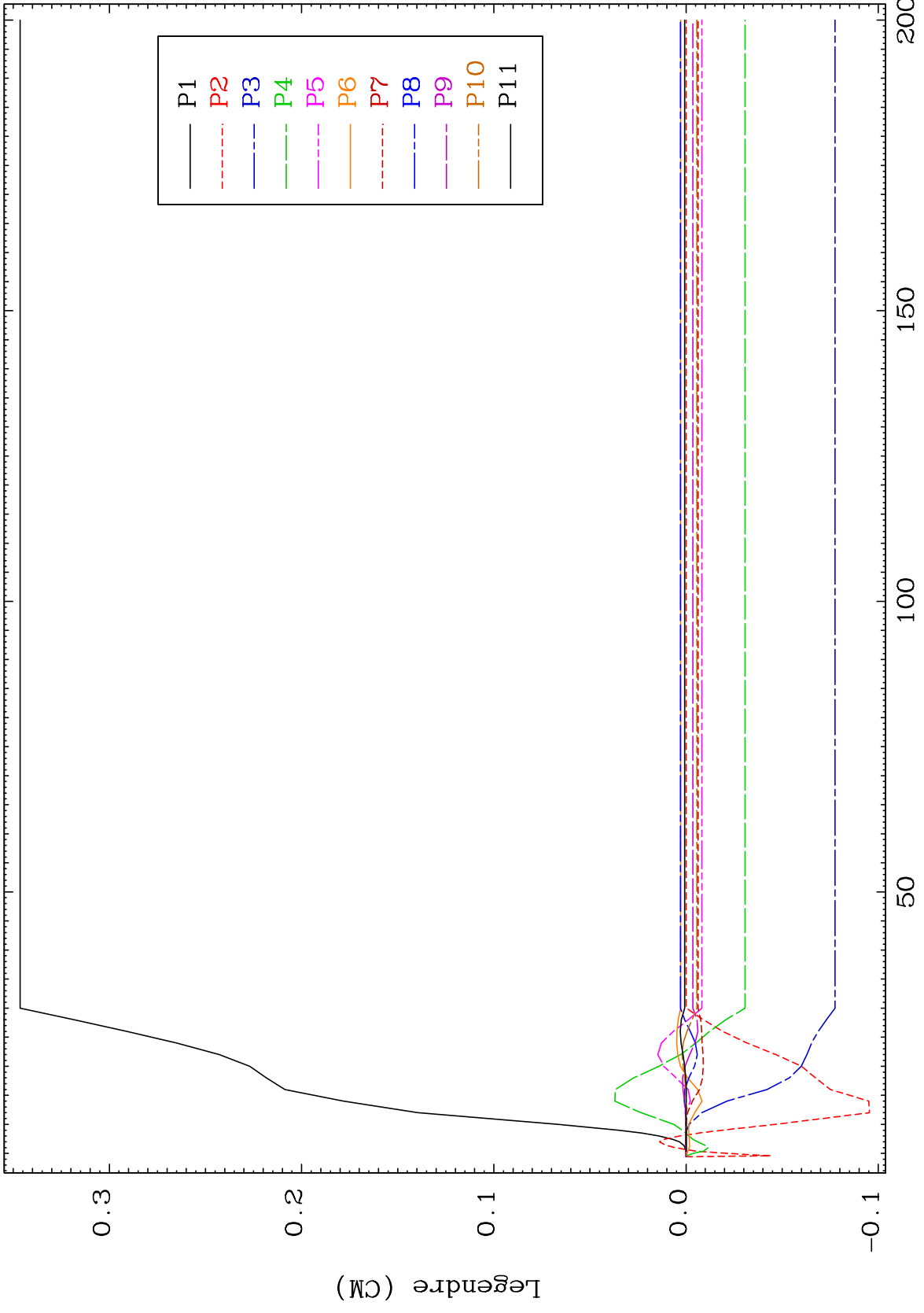


MAT 4025 MT= 71 (n,n') Level Legendre Coefficients 40-Zr-90



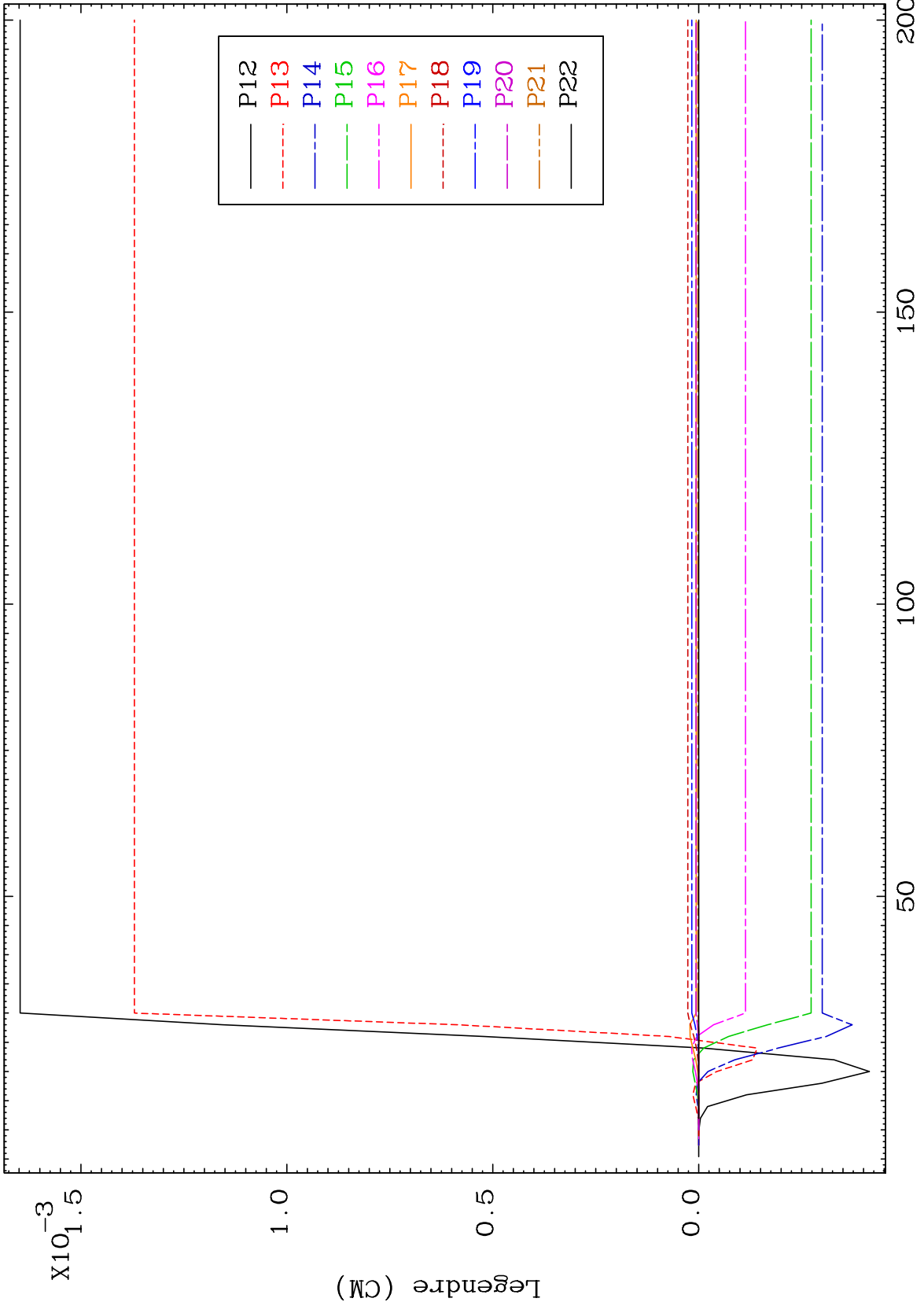
95 Incident Energy (MeV) 40-Zr-90

MAT 4025 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-90



96 40-Zr-90

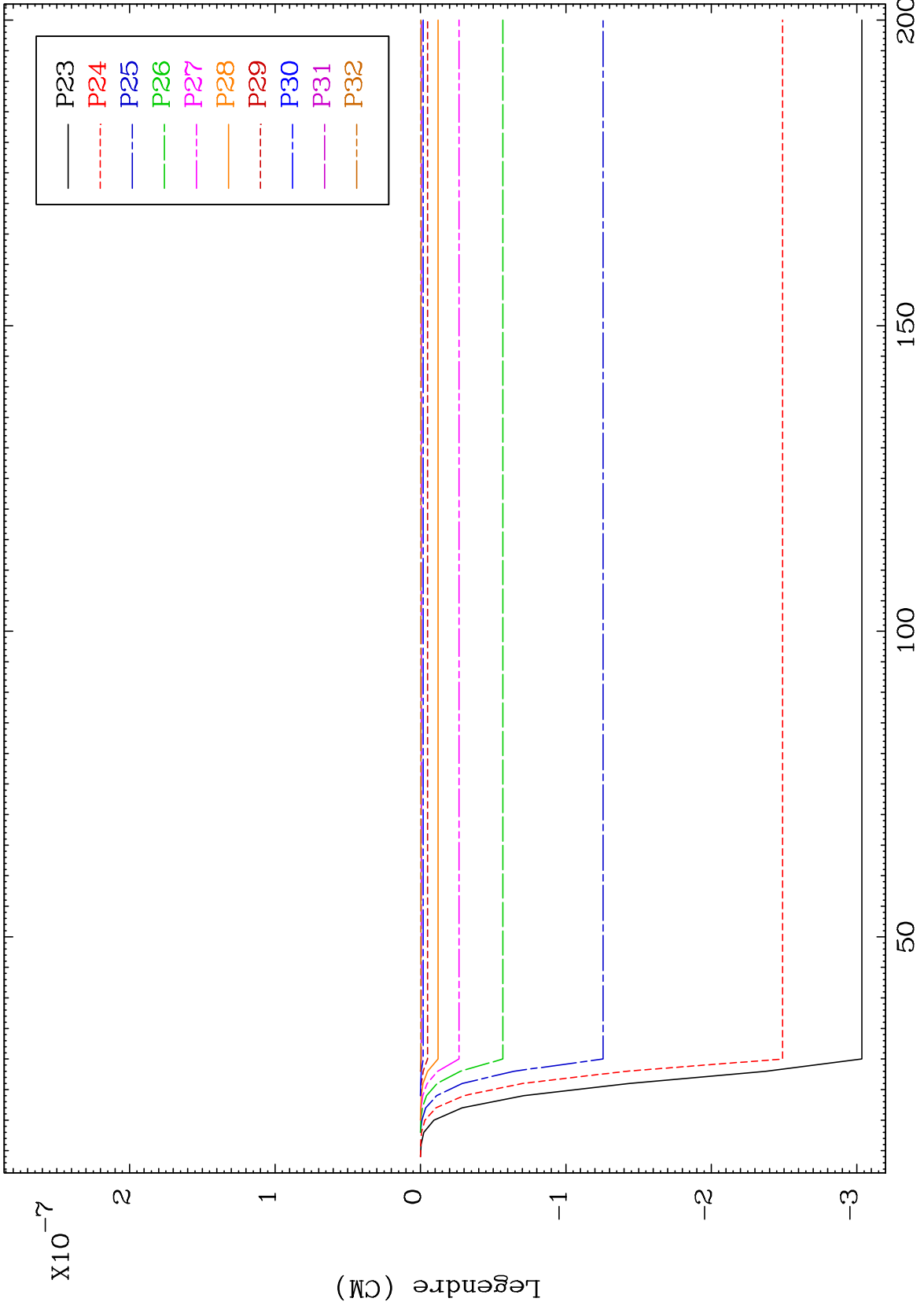
MAT 4025 MT= 72 (n,n') Level Legendre Coefficients 40-Zr-90



MAT 4025

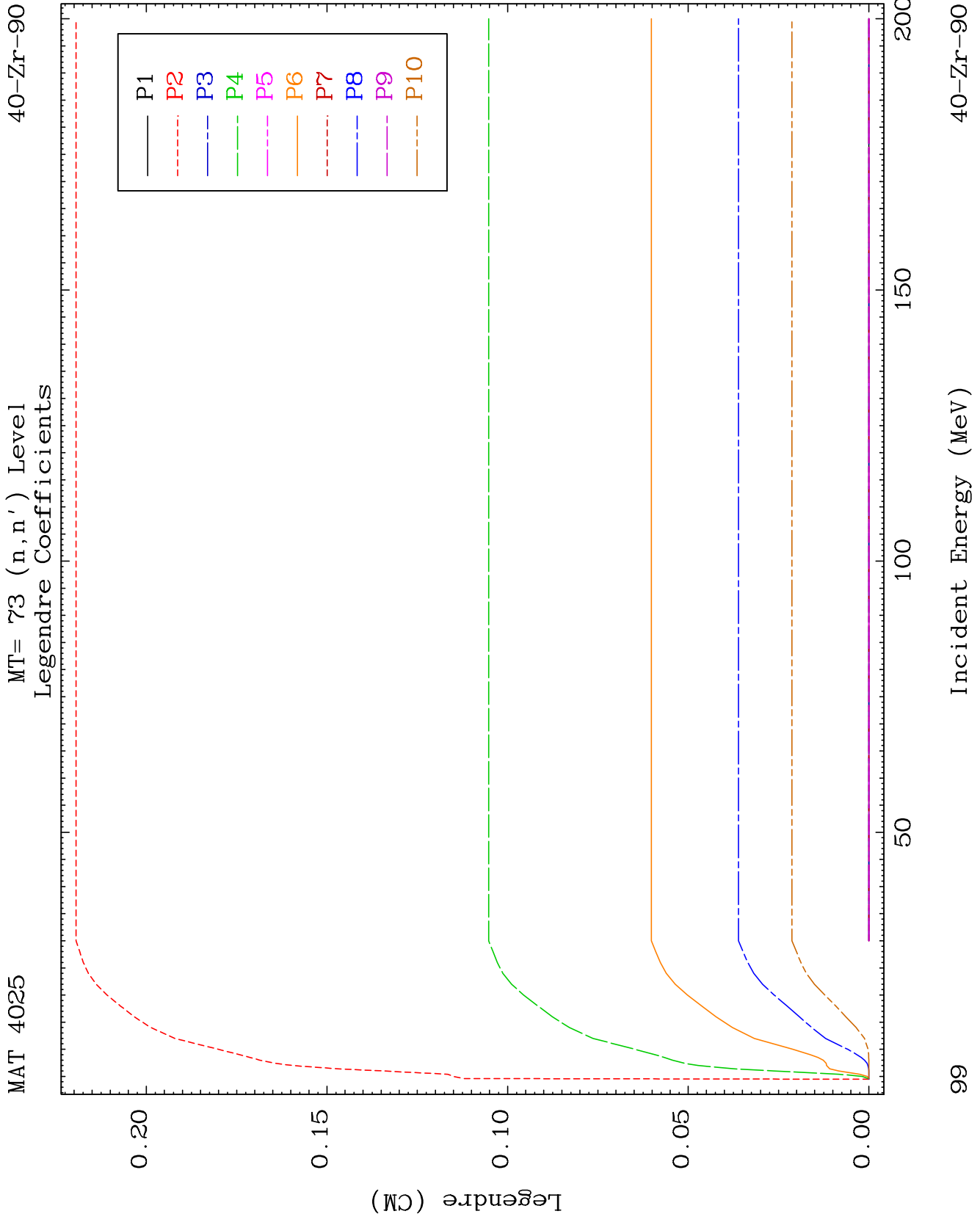
MT= 72 (n,n') Level
Legendre Coefficients

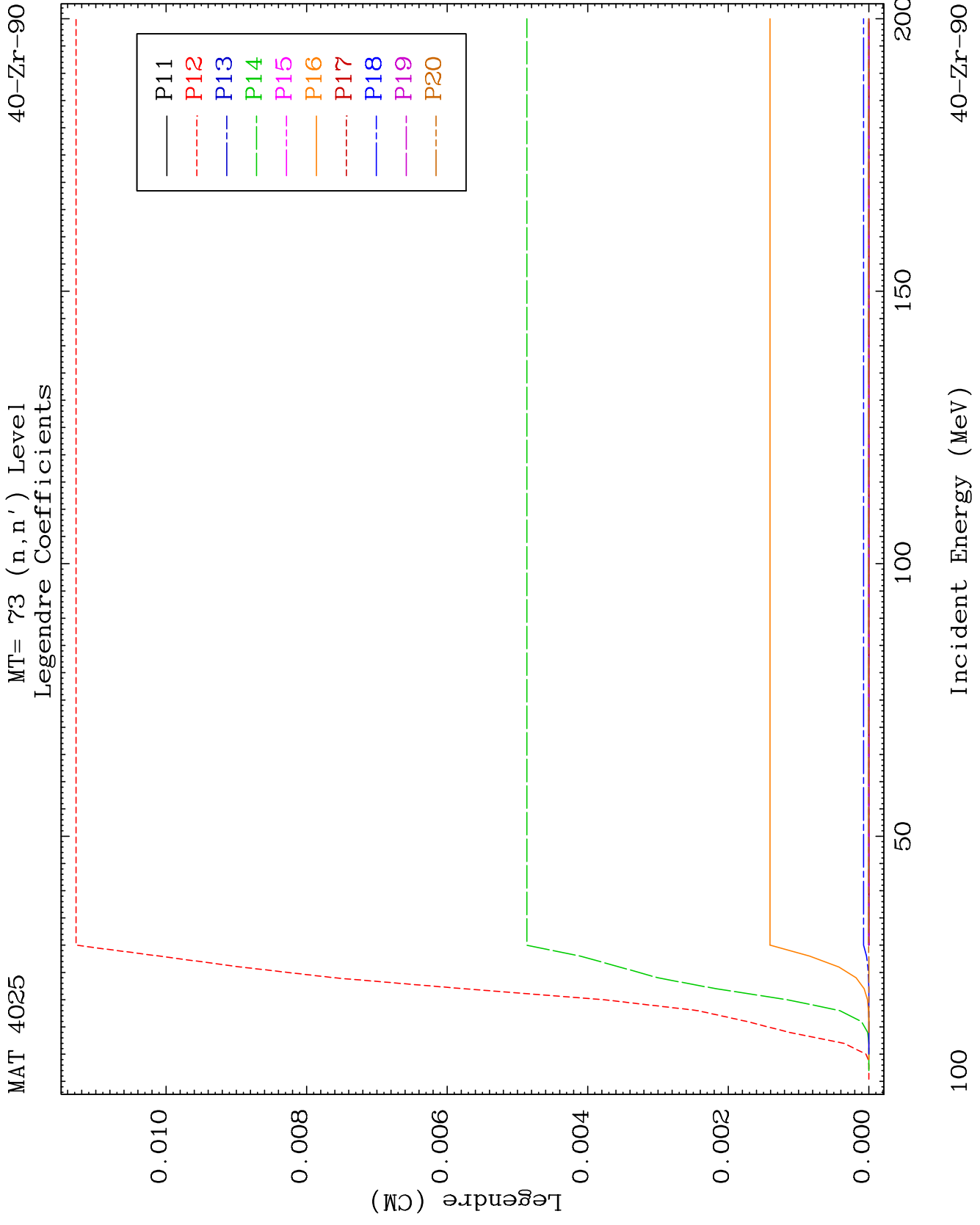
40-Zr-90



98

40-Zr-90

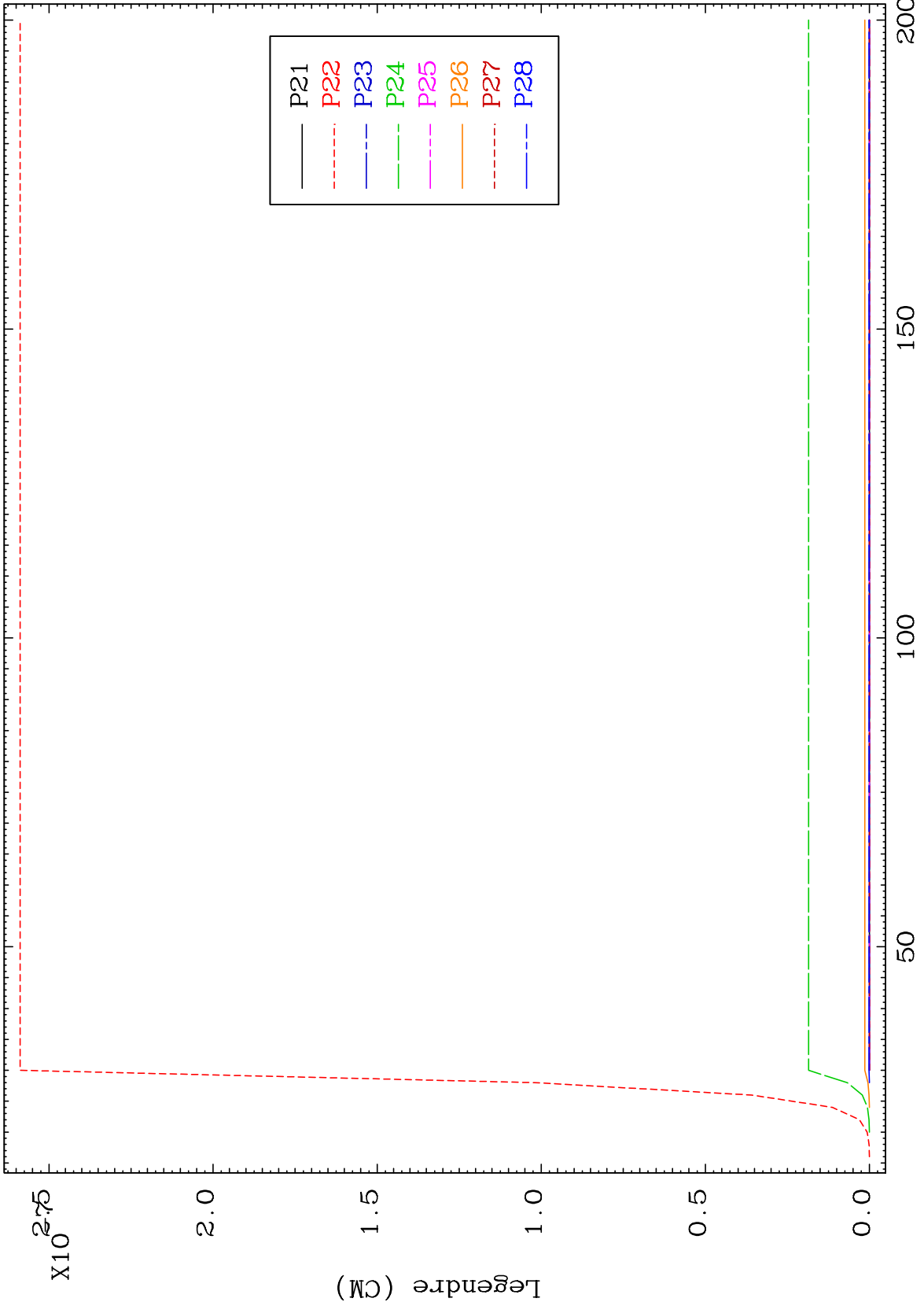




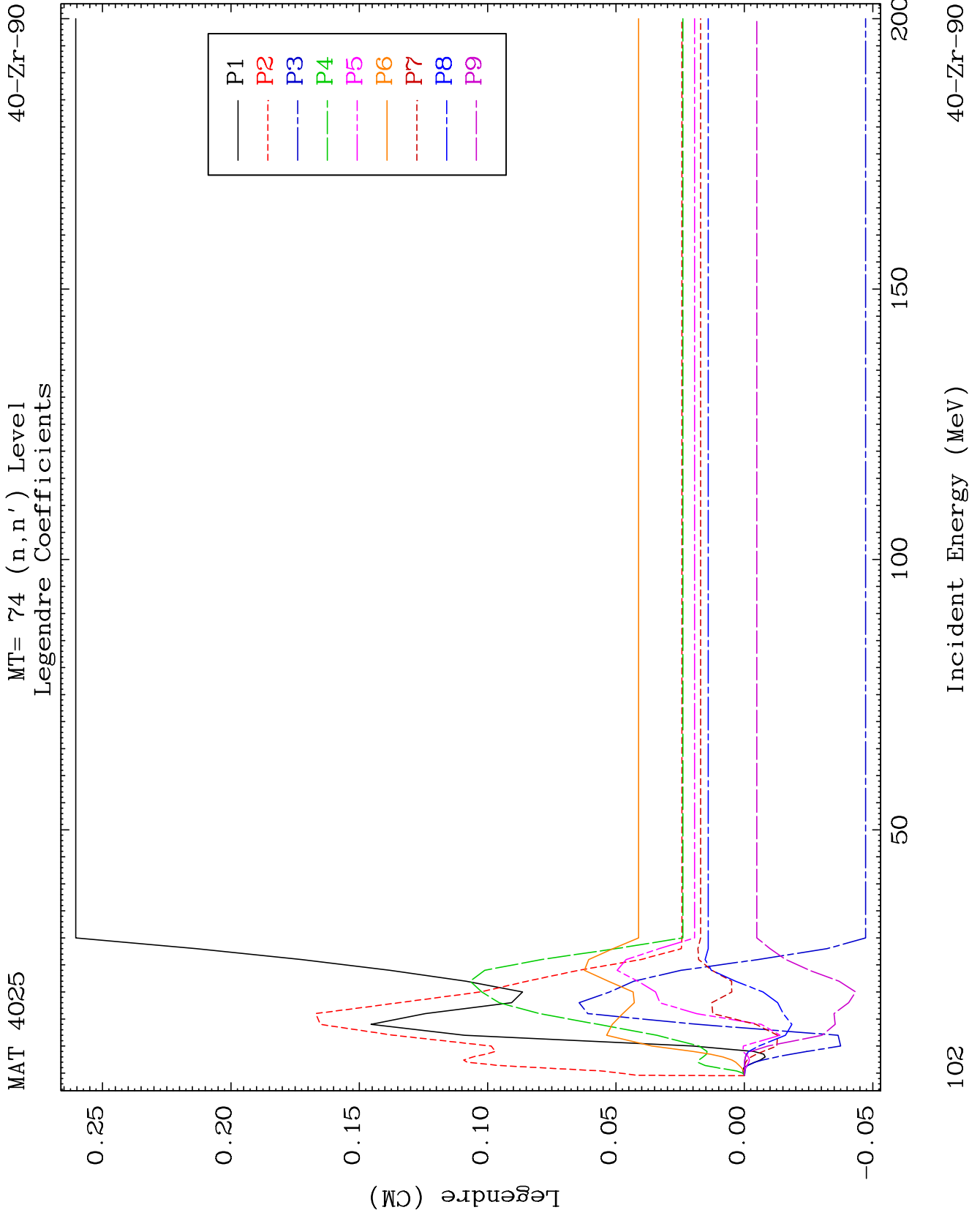
MAT 4025 MT= 73 (n,n') Level Legendre Coefficients

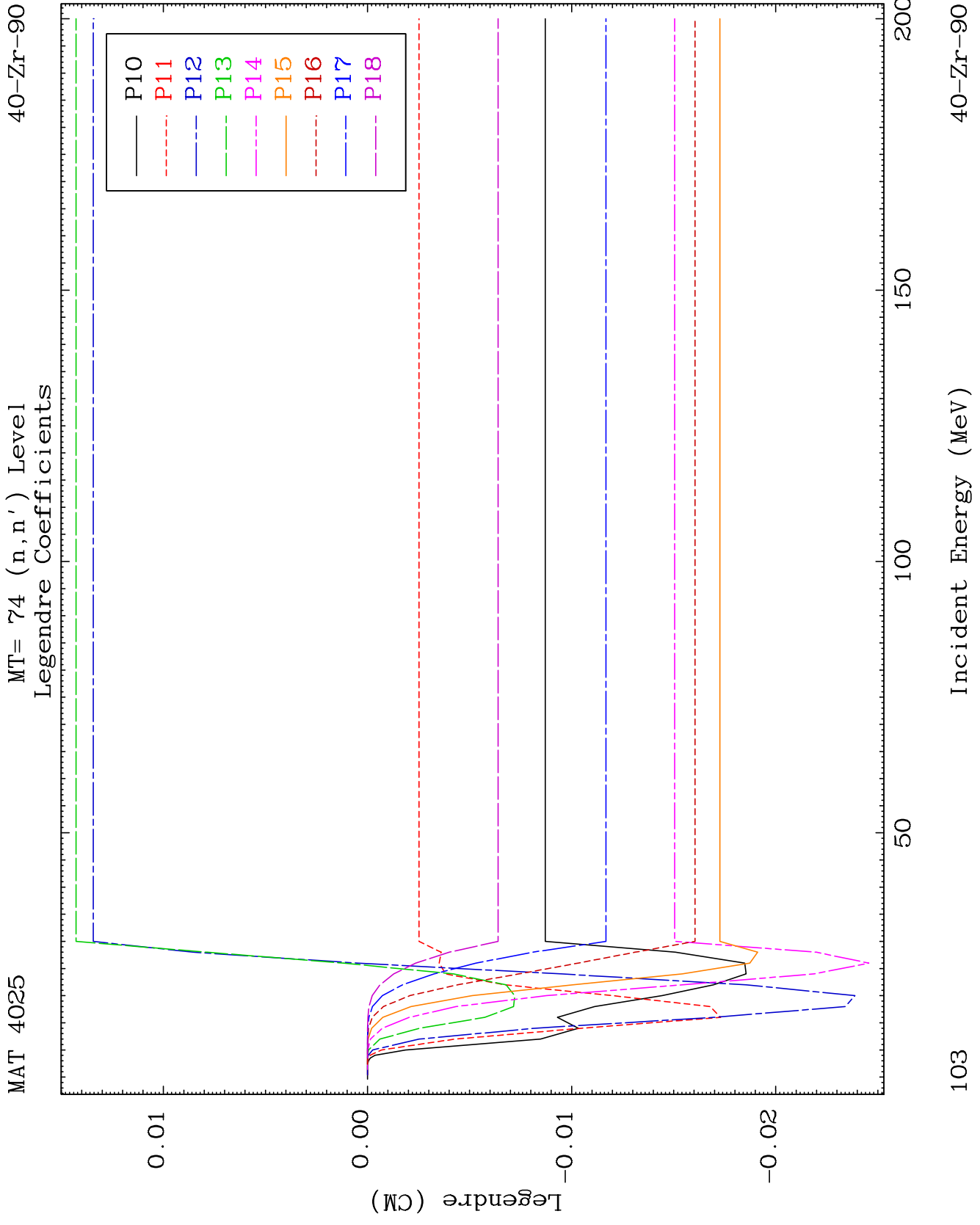
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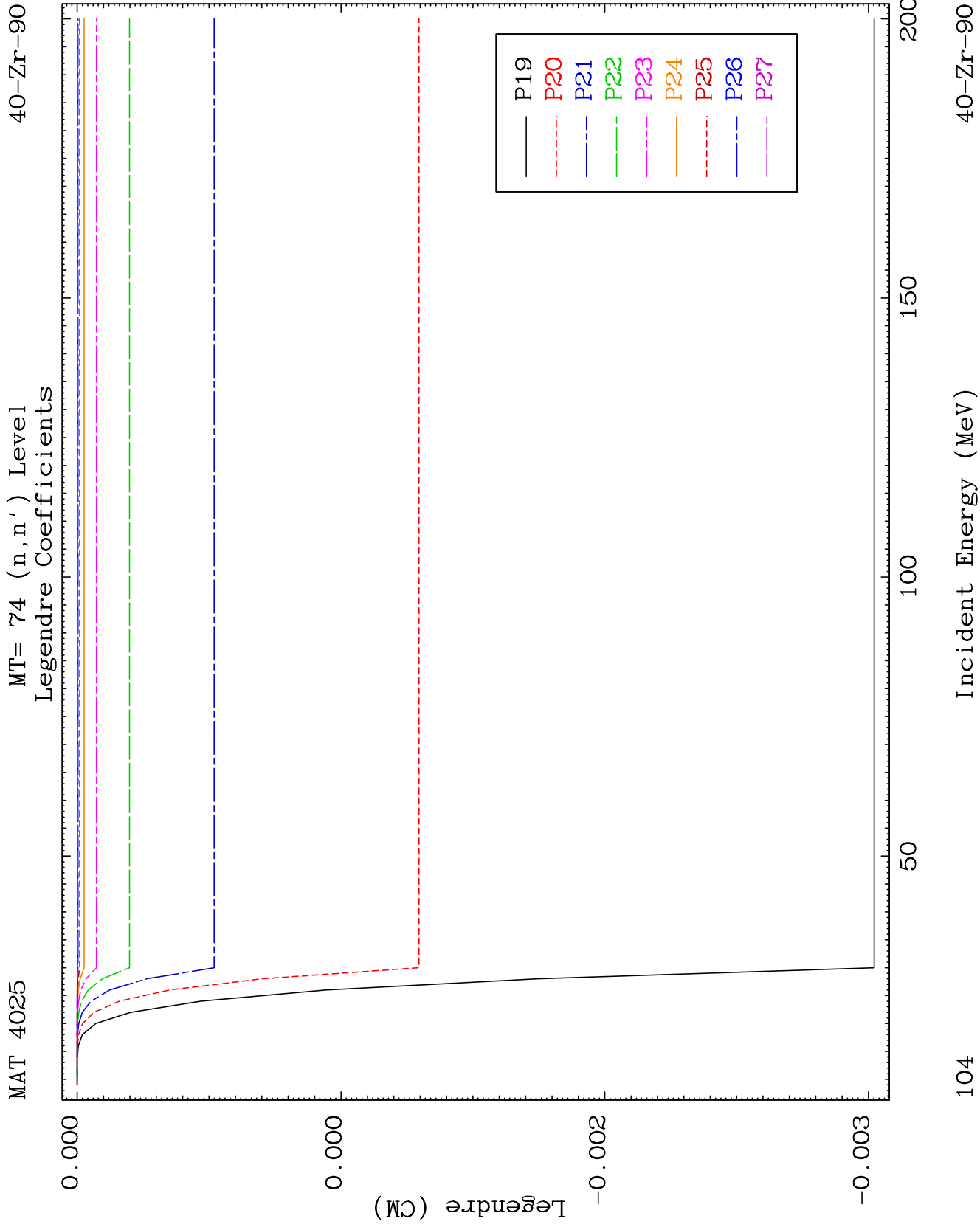
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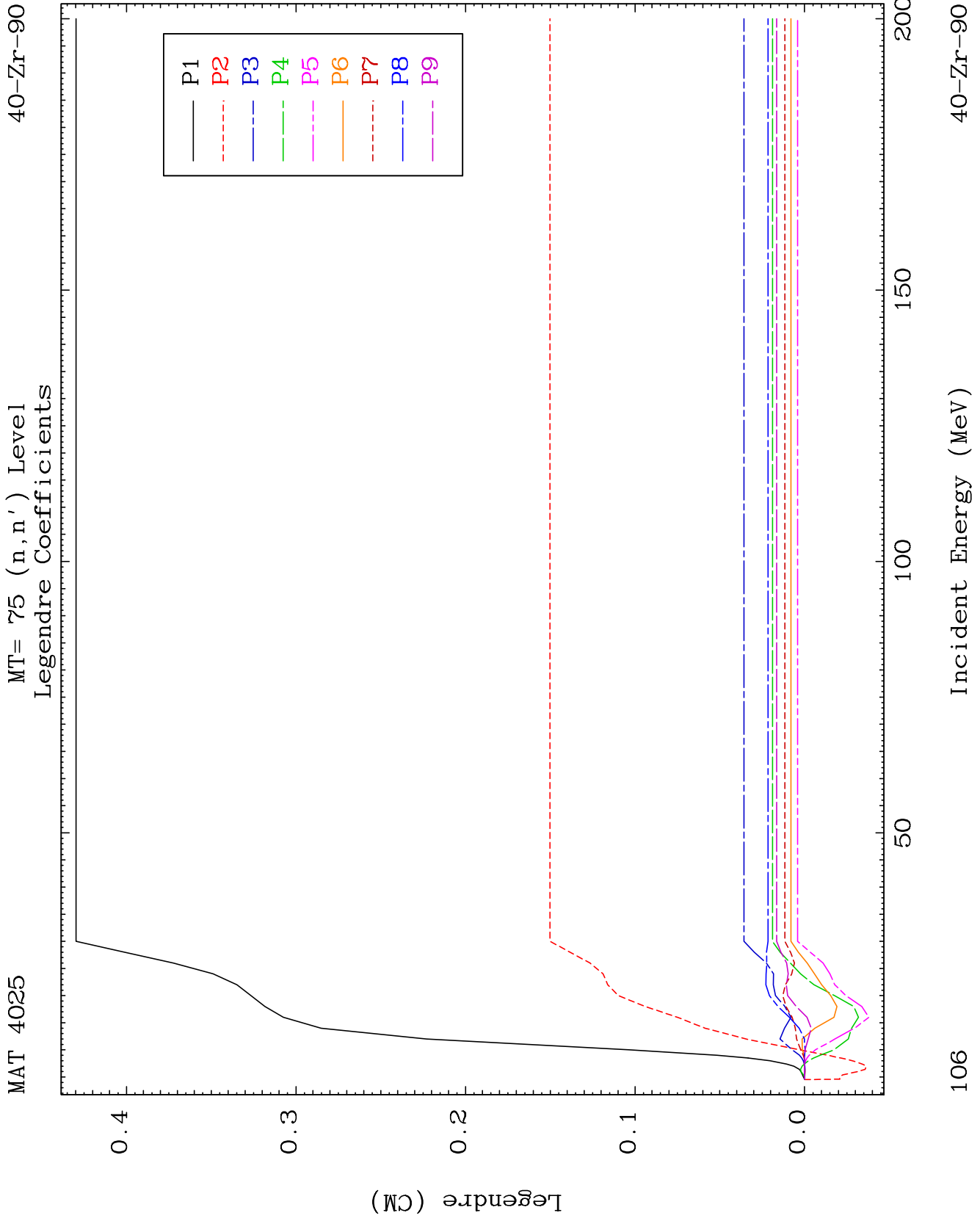


101





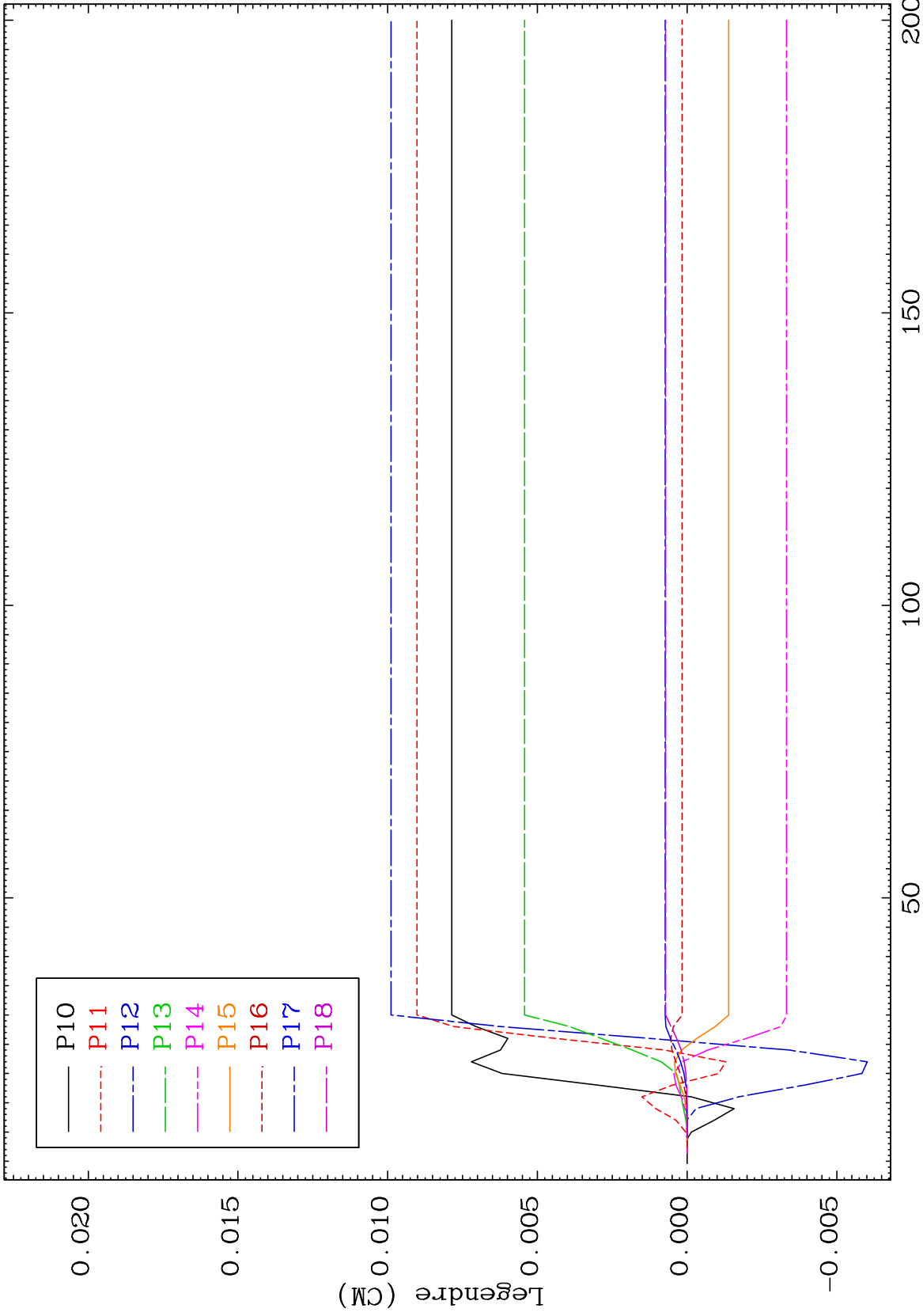




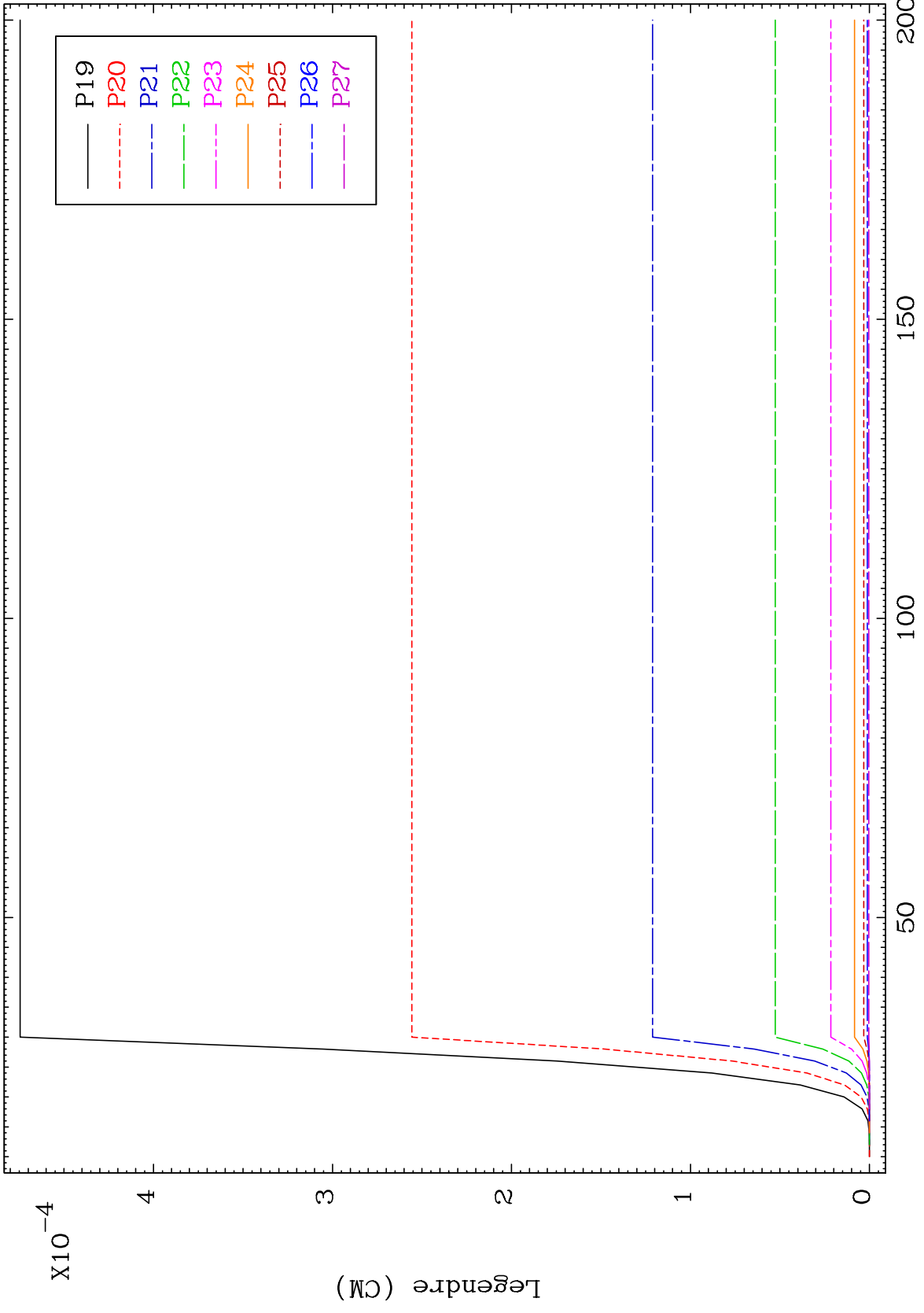
MAT 4025

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

40-Zr-90

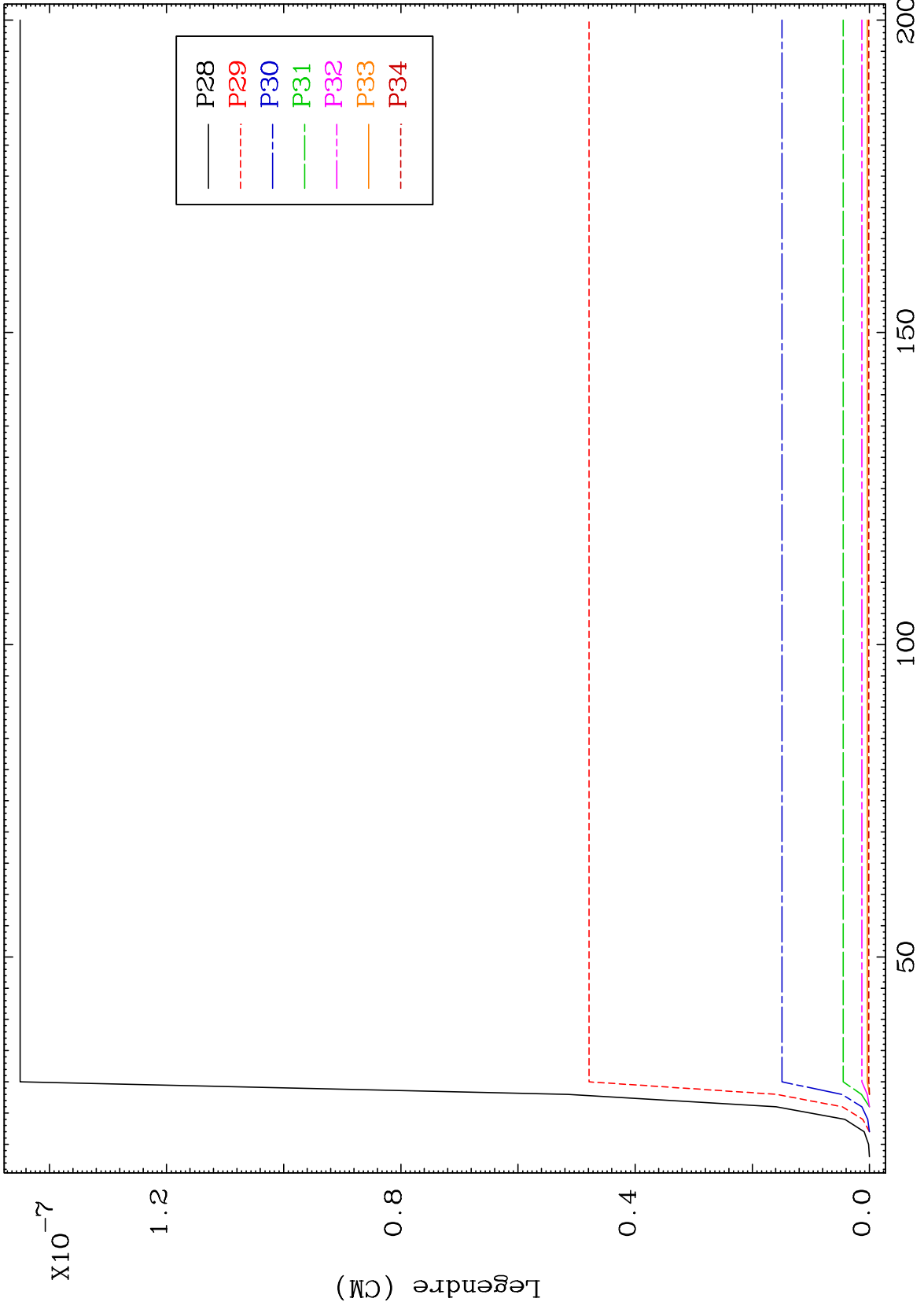


MAT 4025 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-90



108 150 200 40-Zr-90

MAT 4025 MT= 75 (n,n') Level Legendre Coefficients 40-Zr-90

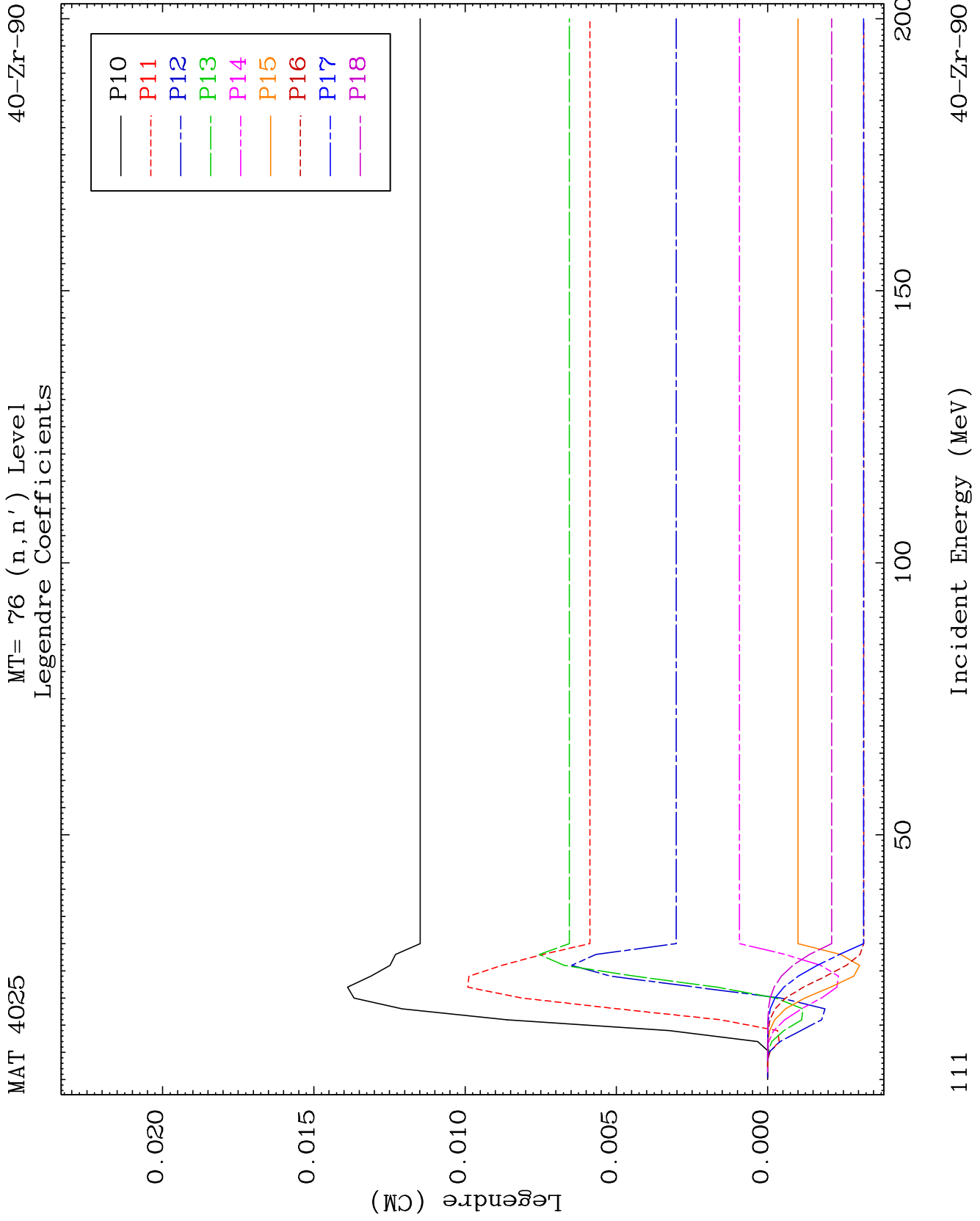


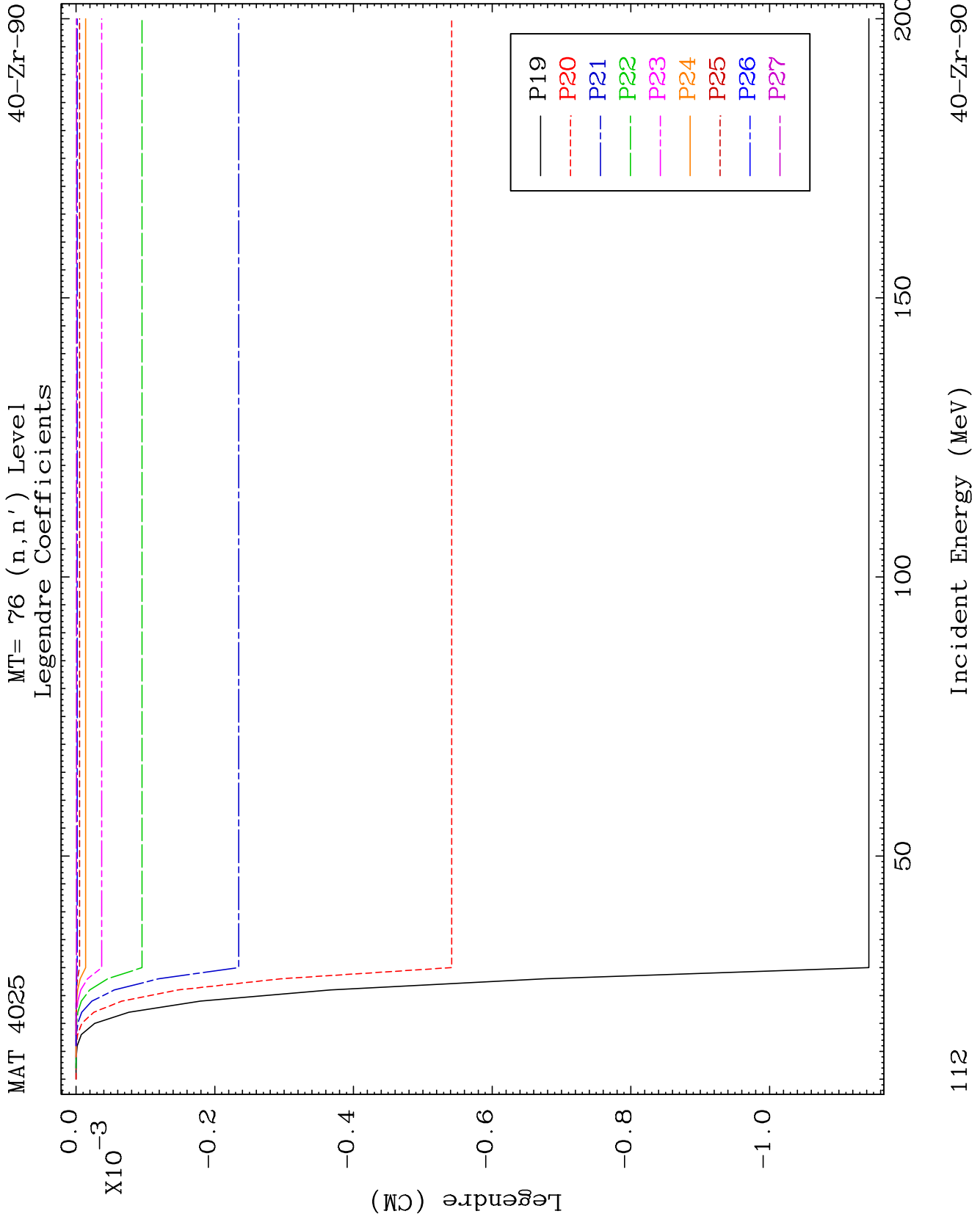
109 50 100 150 200 Incident Energy (MeV) 40-Zr-90

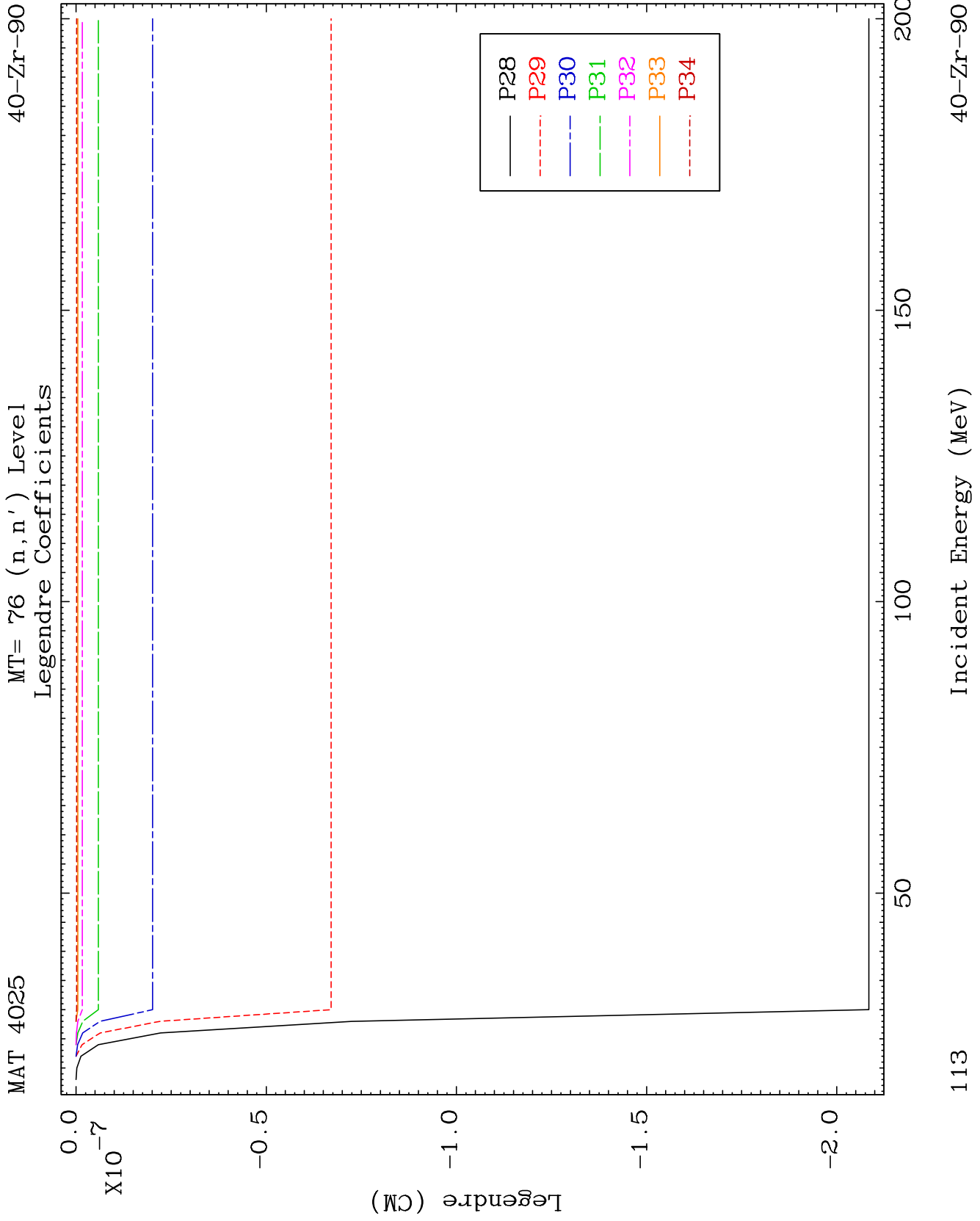
MAT 4025 MT= 76 (n,n') Level Legendre Coefficients 40-Zr-90



110 Incident Energy (MeV) 40-Zr-90

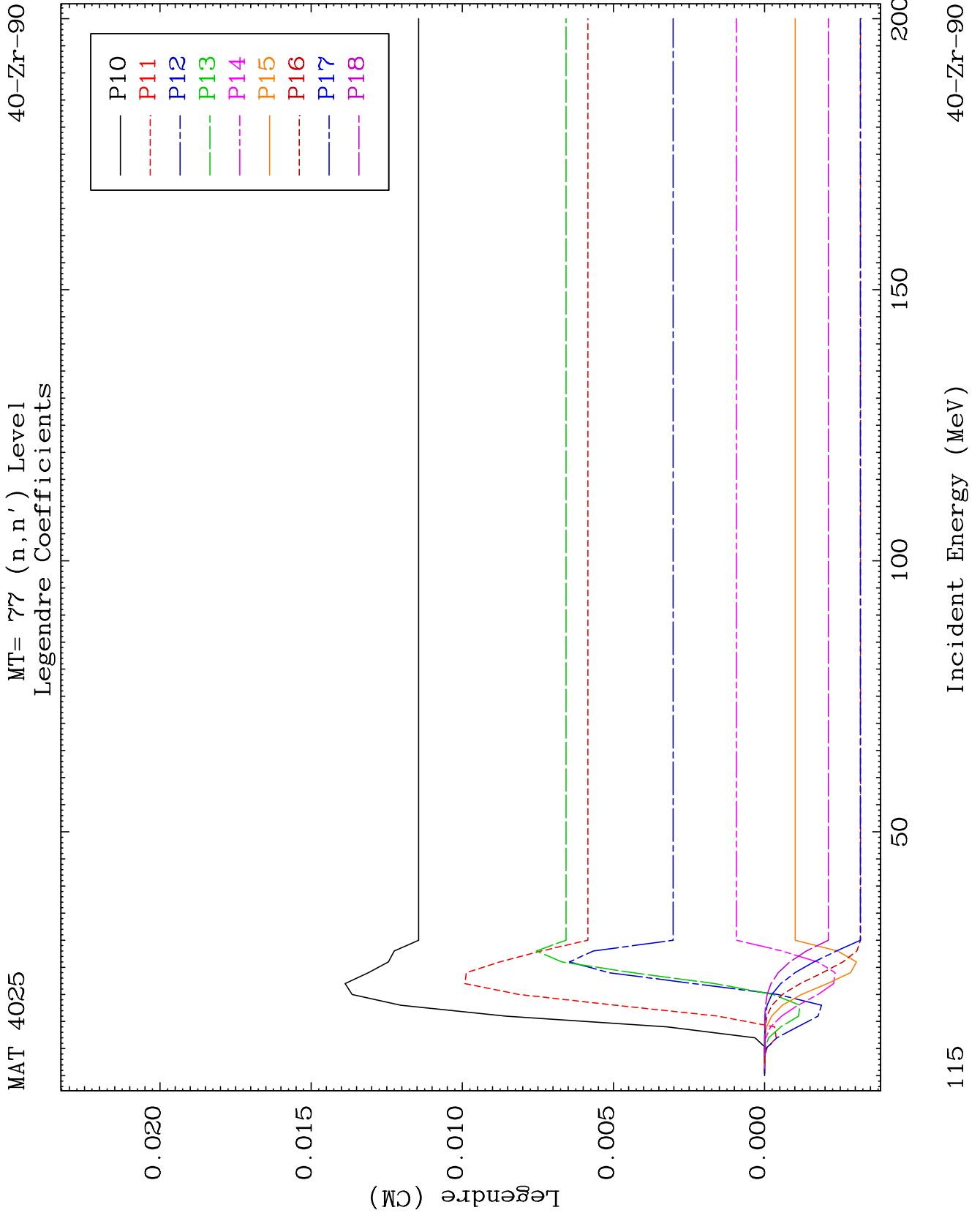


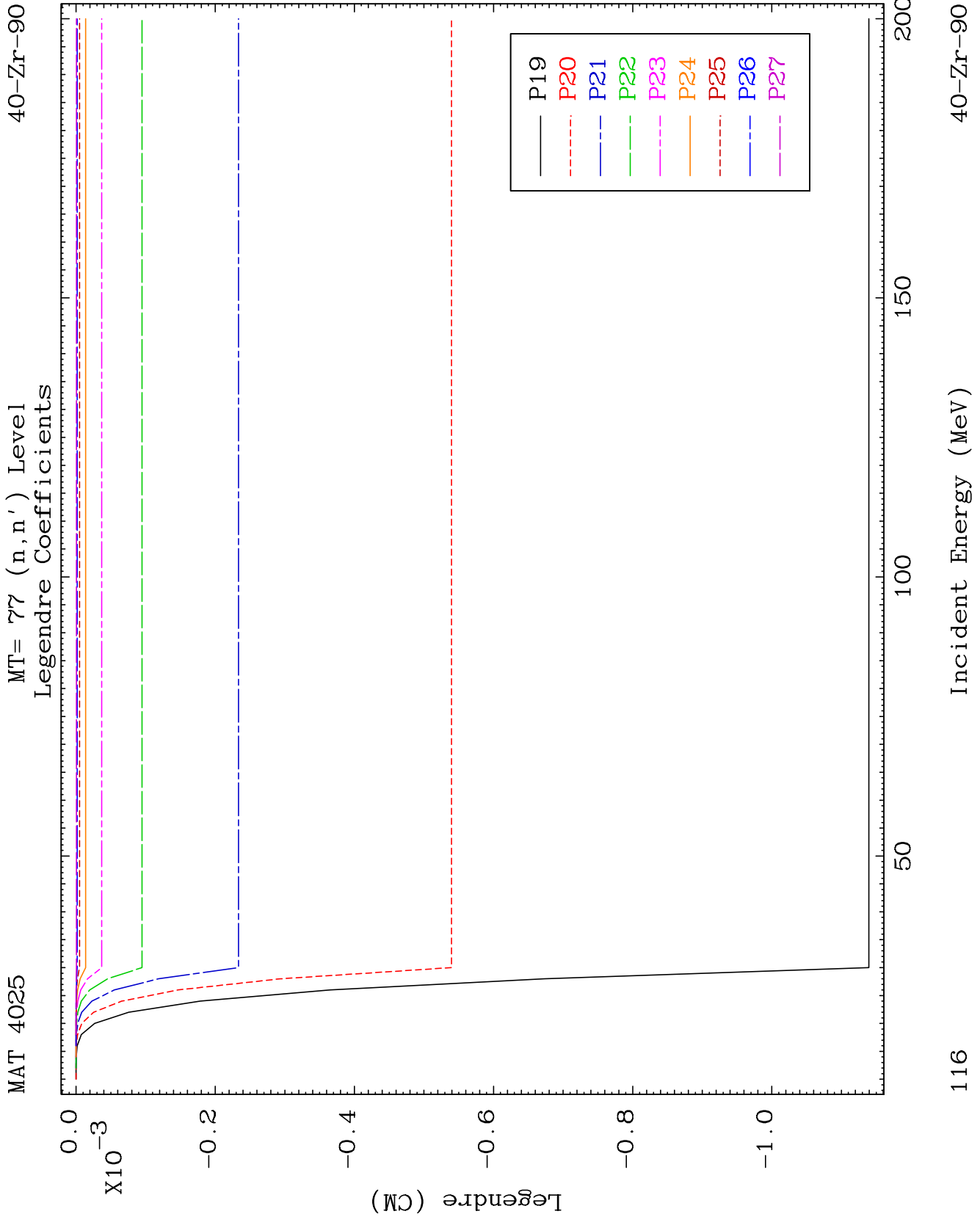


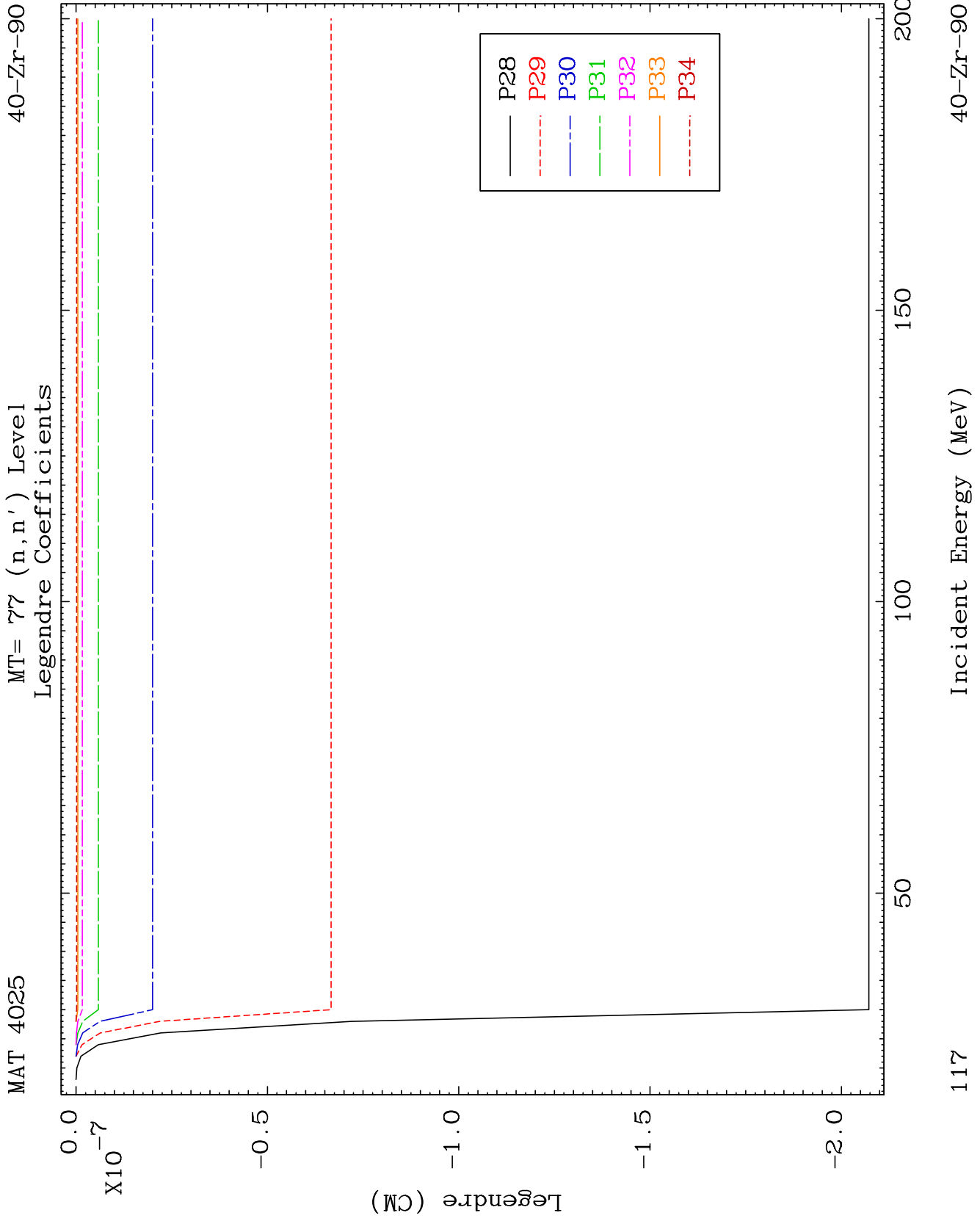


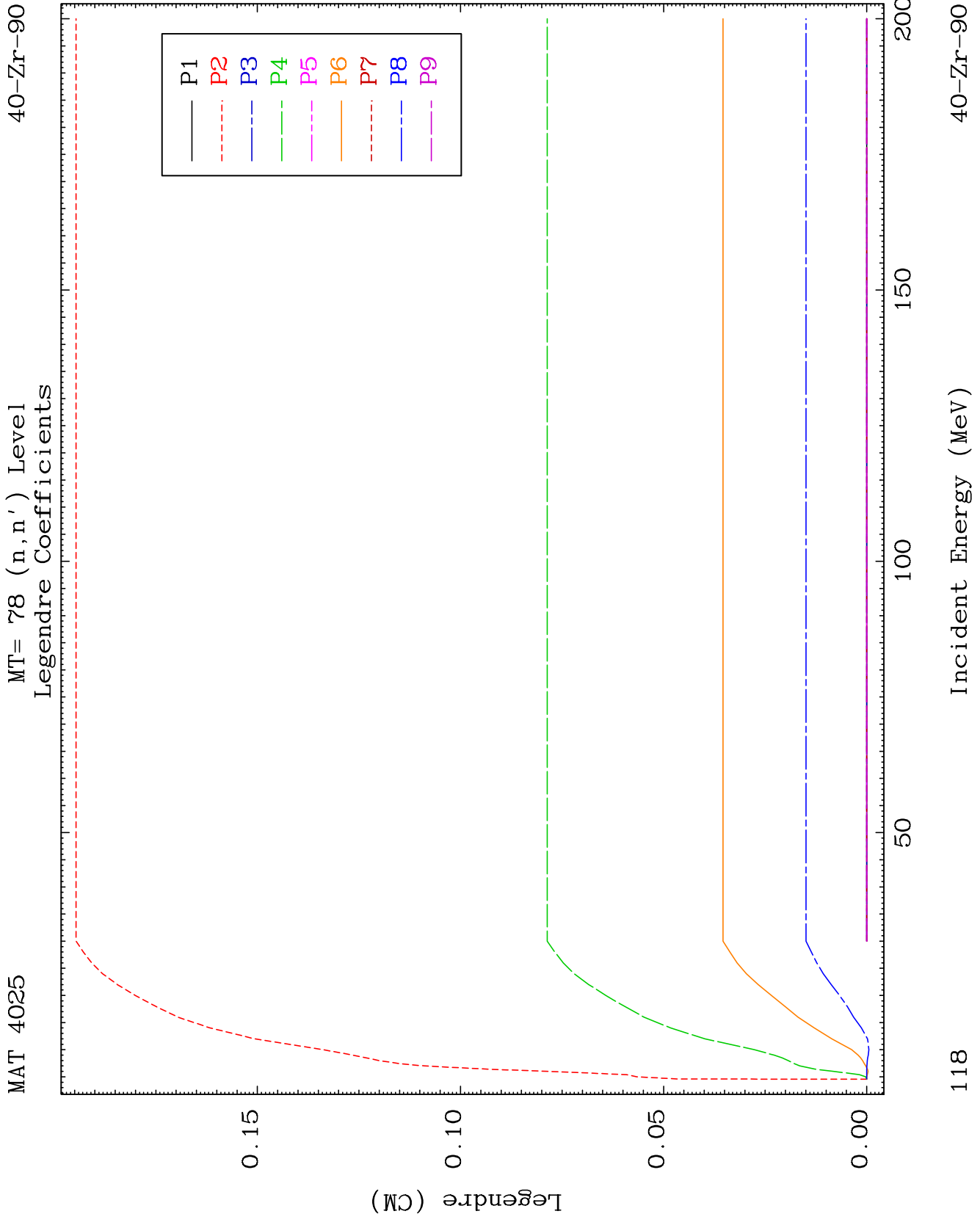
MAT 4025 MT= 77 (n,n') Level Legendre Coefficients 40-Zr-90

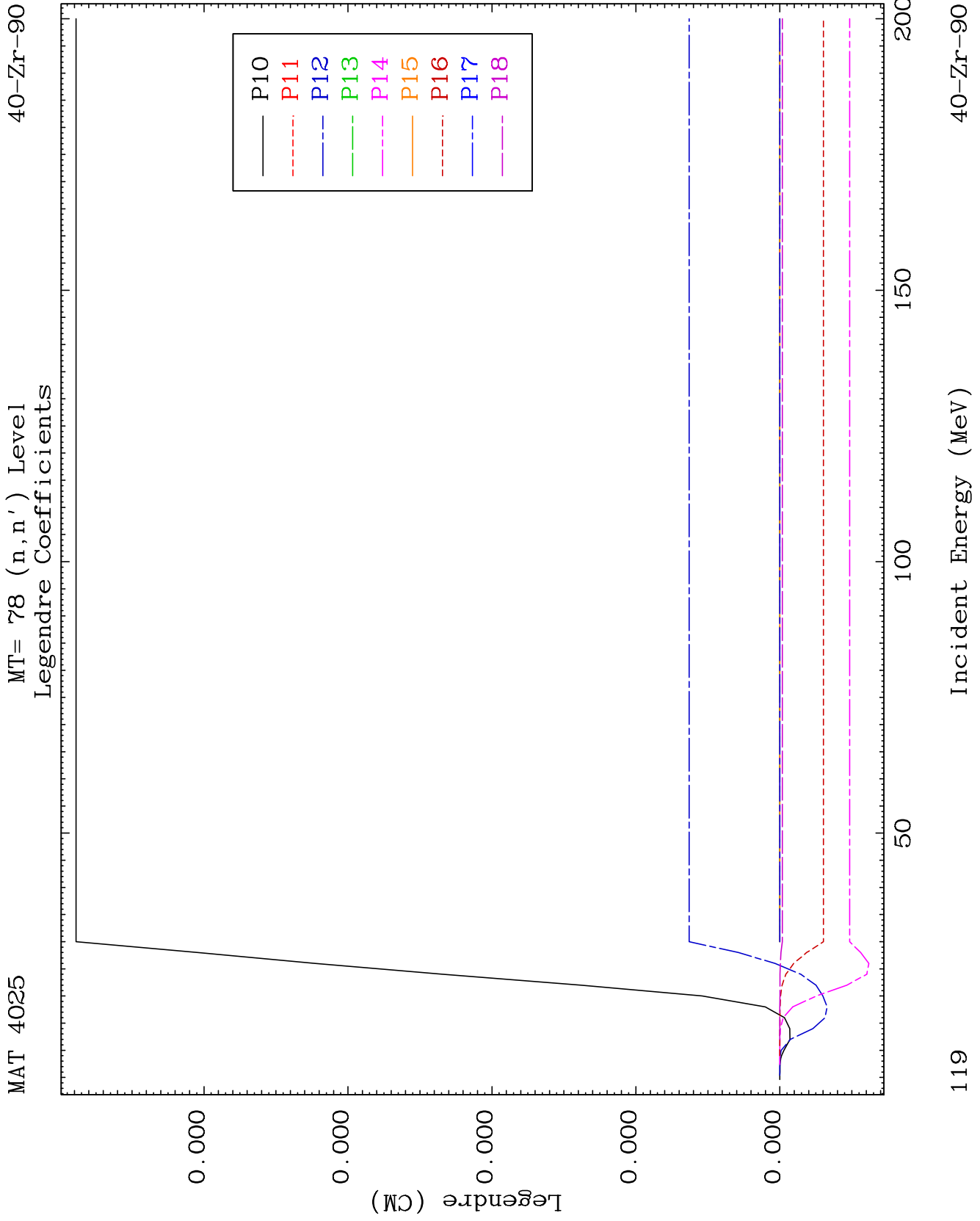


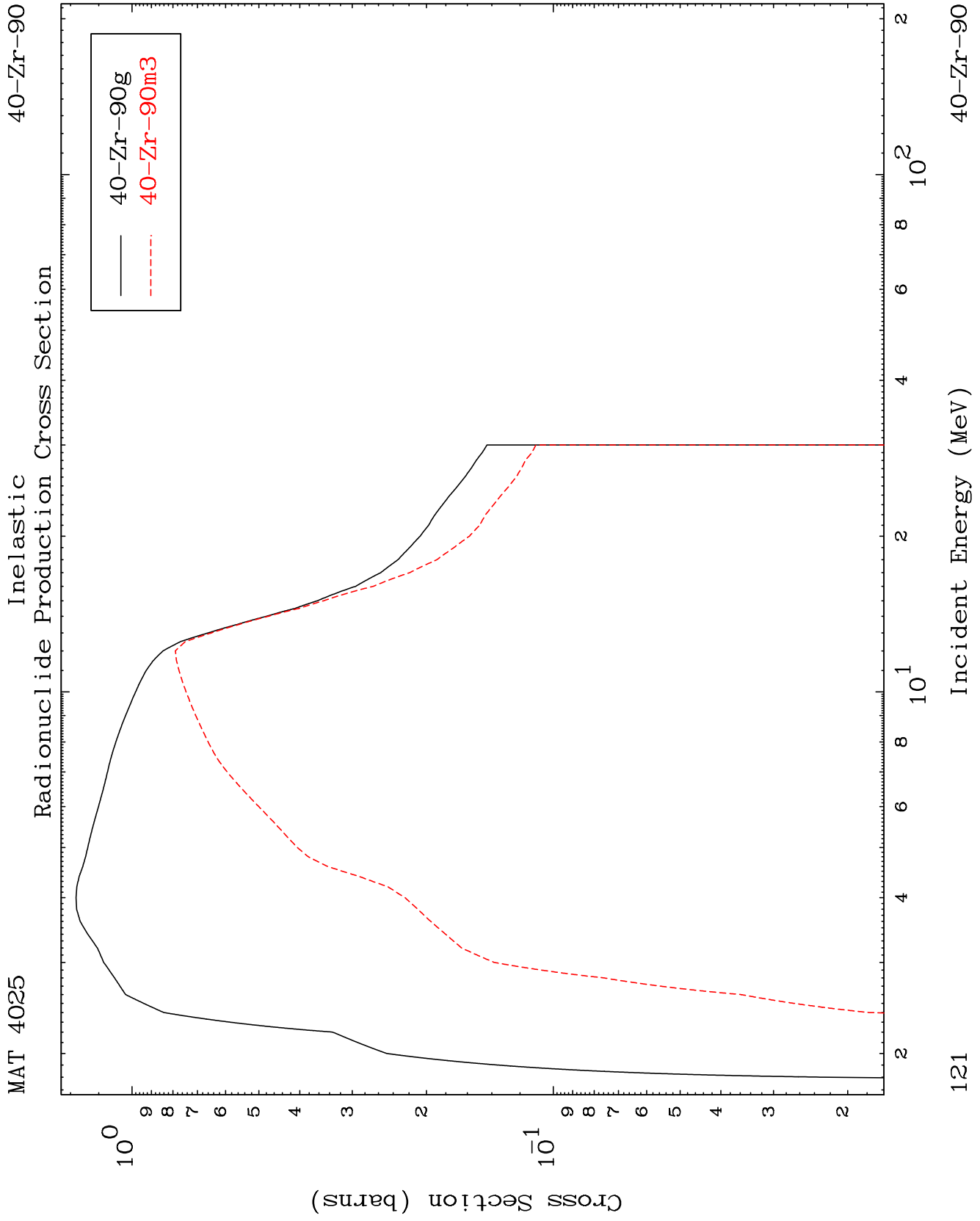










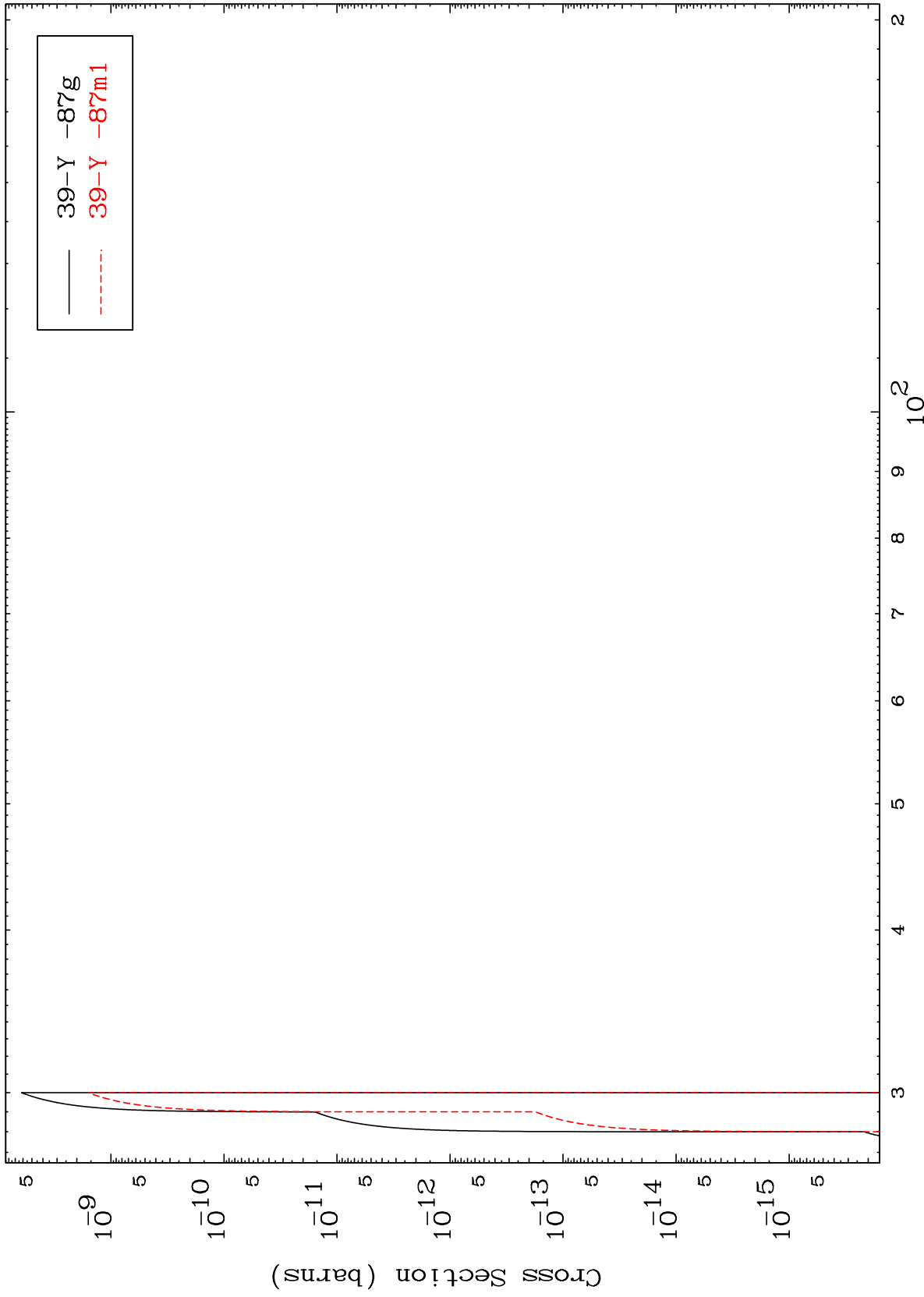


MAT 4025

(n,2n) d

40-Zr-90

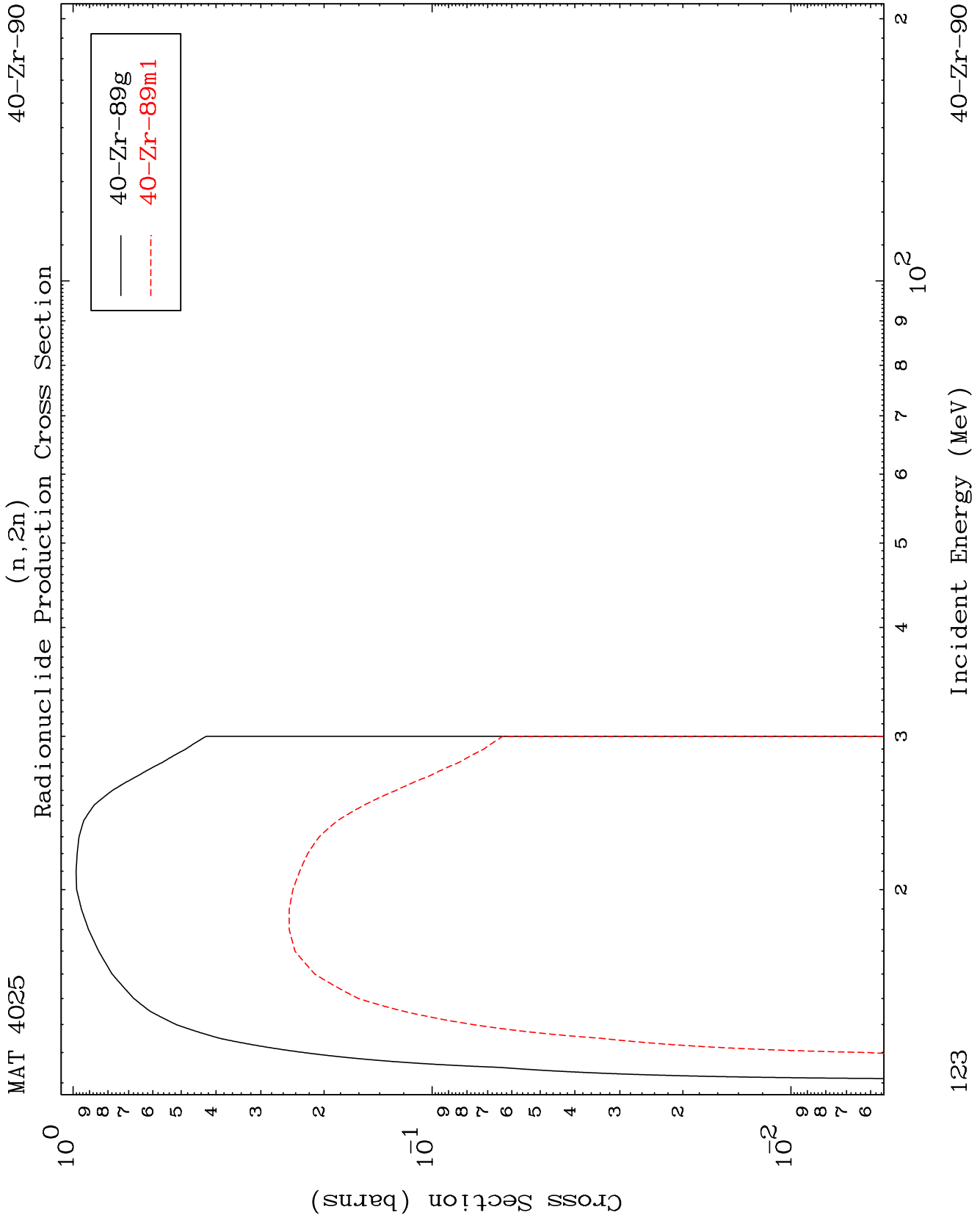
Radionuclide Production Cross Section



122

Incident Energy (MeV)

40-Zr-90

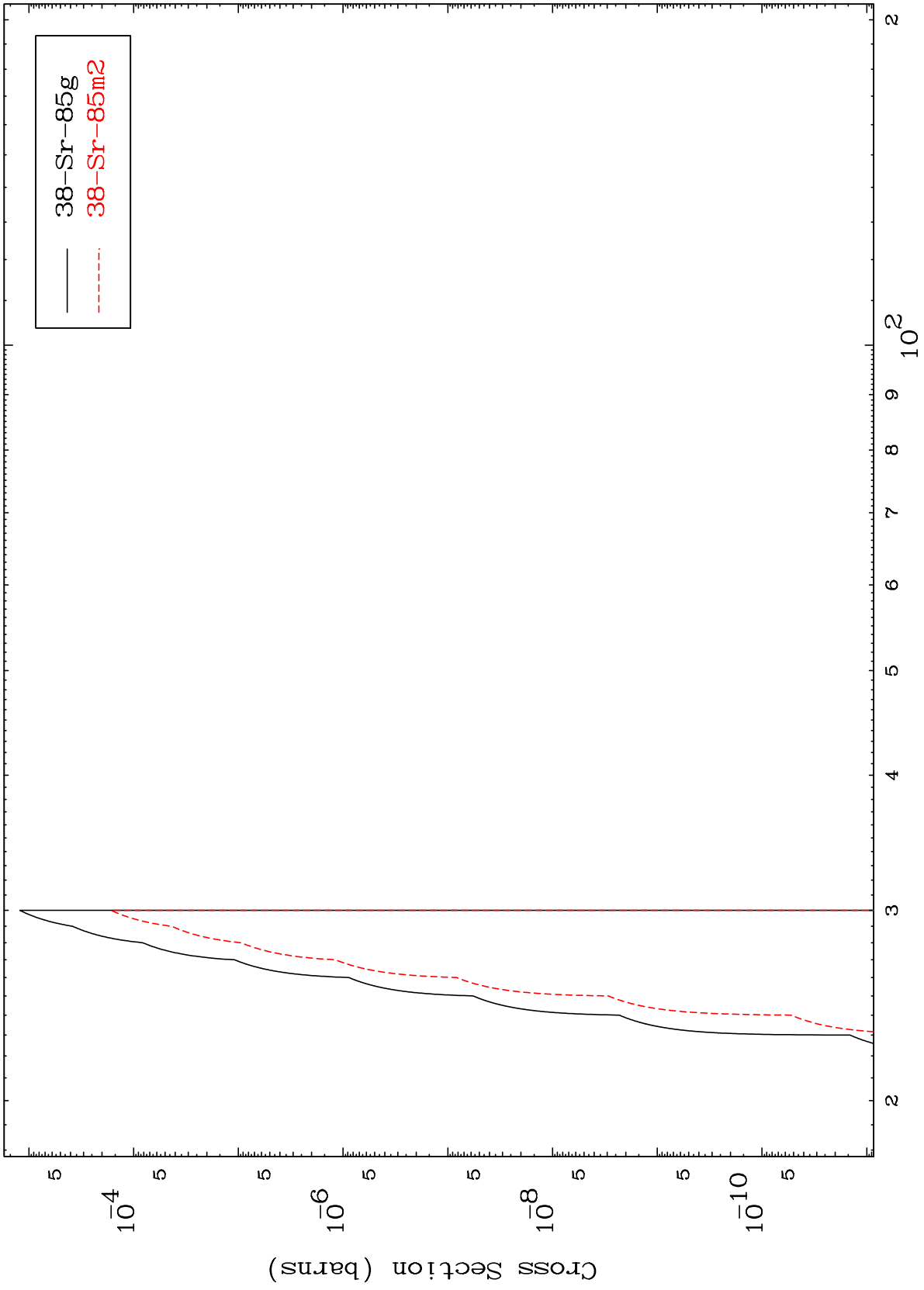


MAT 4025

(n,2n) α

40-Zr-90

Radionuclide Production Cross Section



124

Incident Energy (MeV)

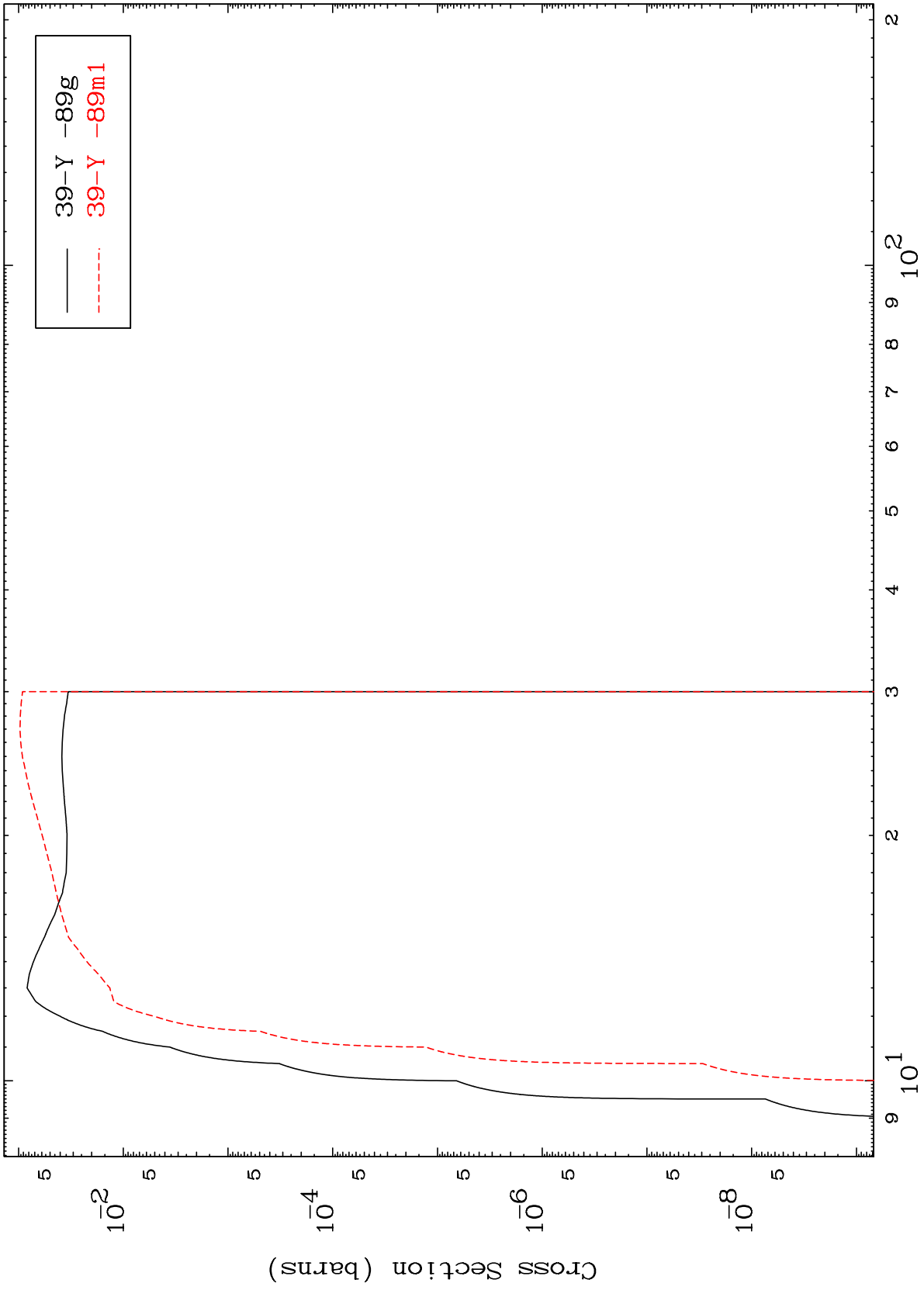
40-Zr-90

MAT 4025

(n,n') p

40-Zr-90

Radionuclide Production Cross Section



125

Incident Energy (MeV)

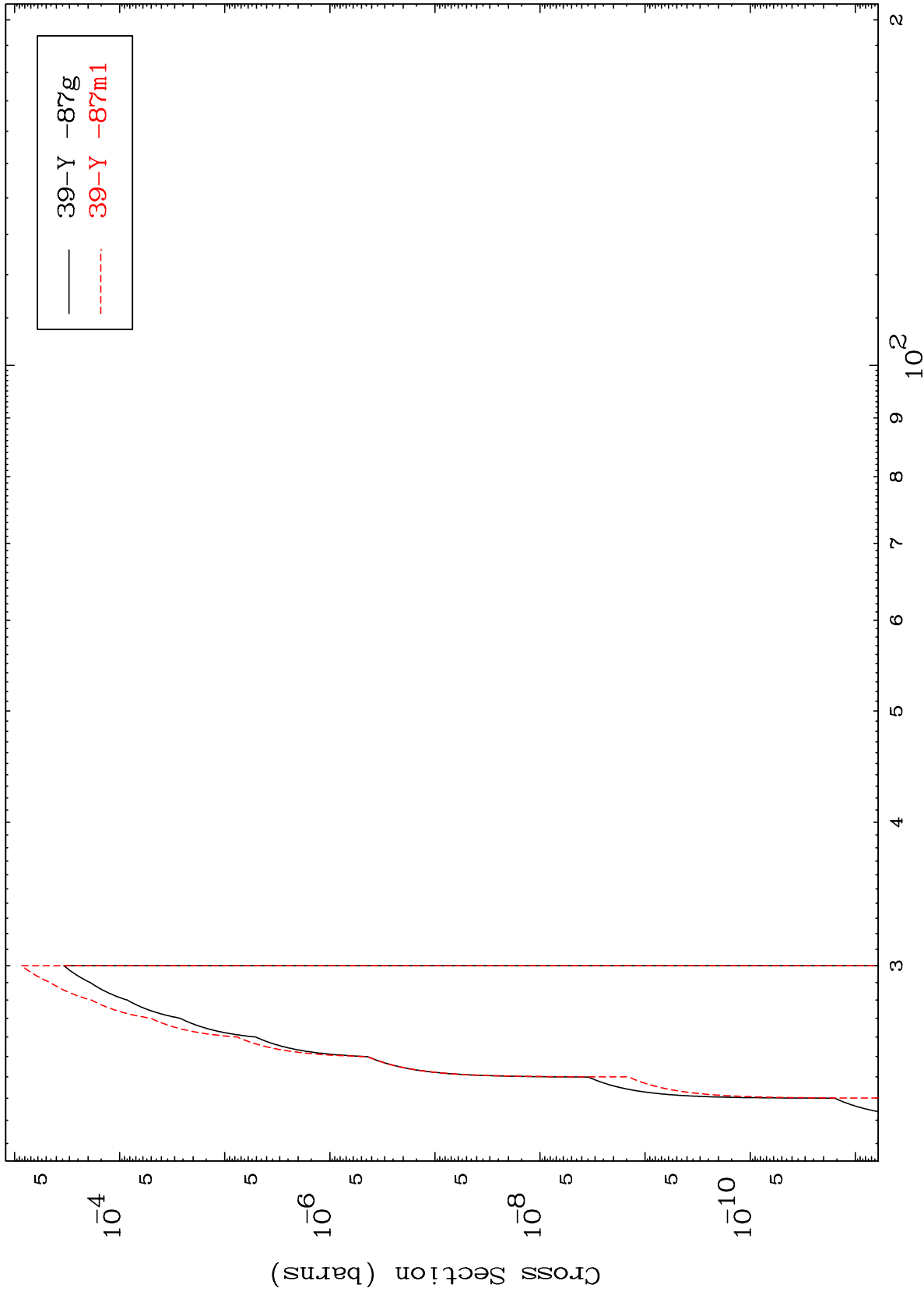
40-Zr-90

MAT 4025

(n,n') t

40-Zr-90

Radionuclide Production Cross Section



126

Incident Energy (MeV)

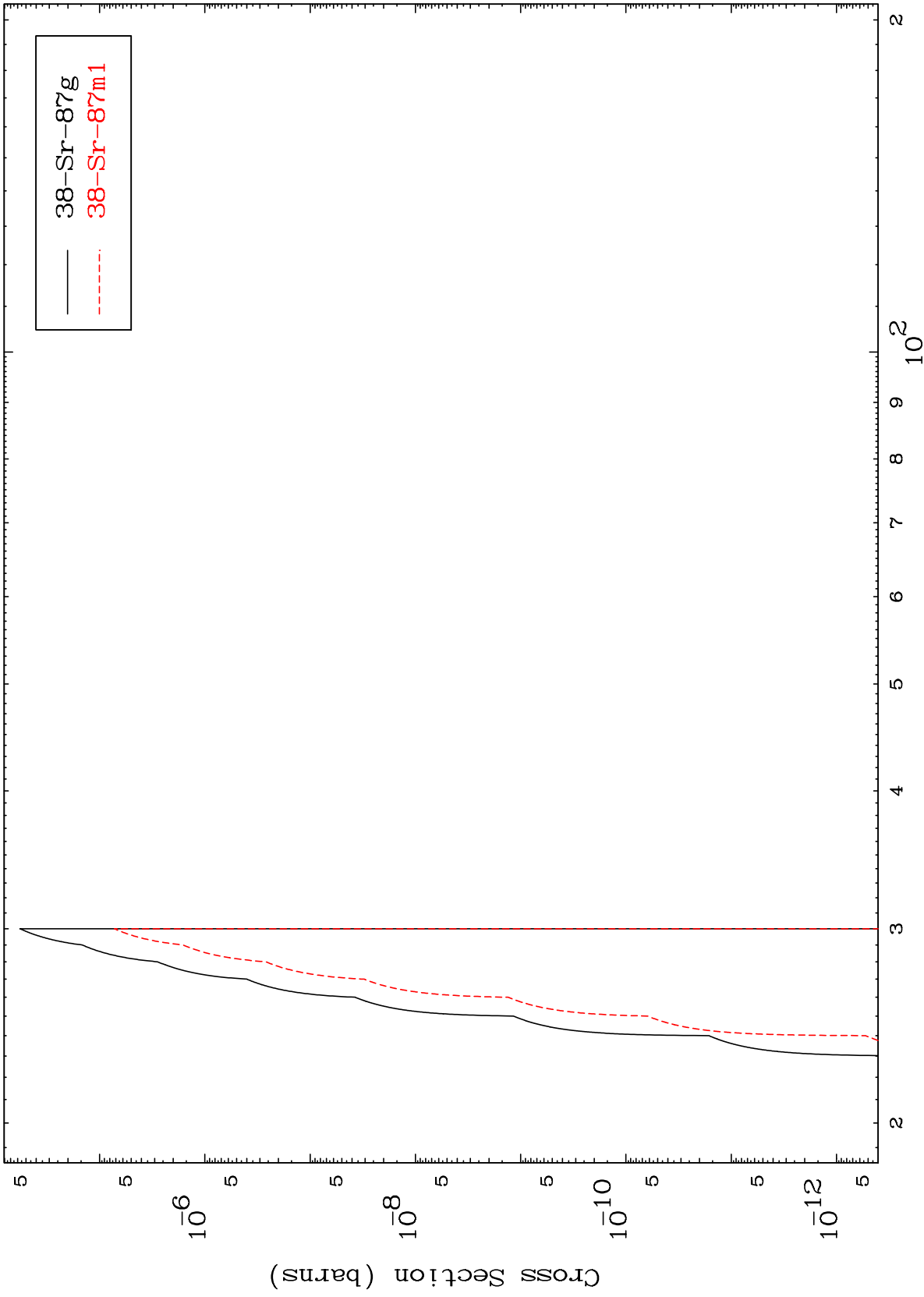
40-Zr-90

MAT 4025

(n, n') He-3

40-Zr-90

Radionuclide Production Cross Section



127

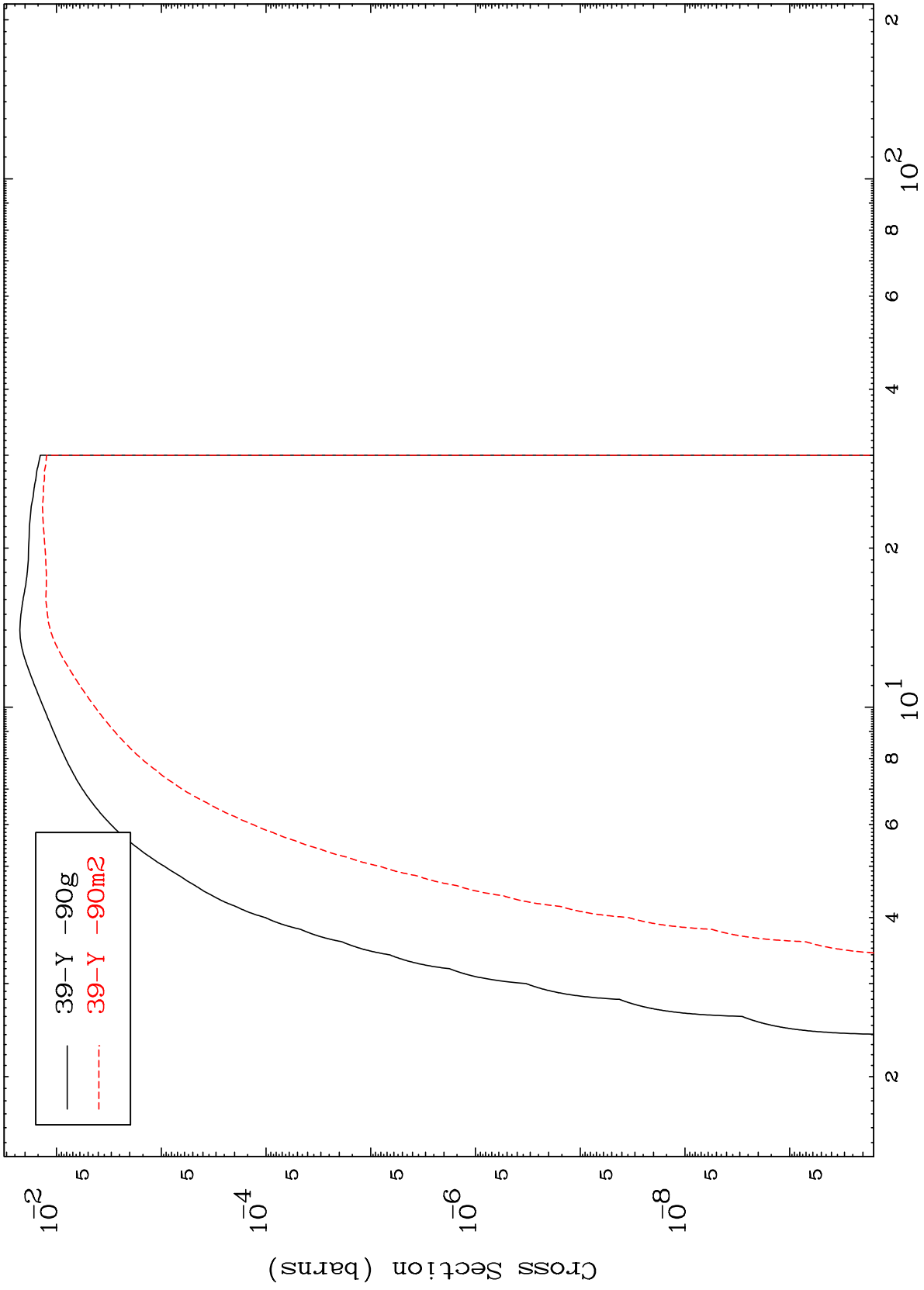
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section (n,p)

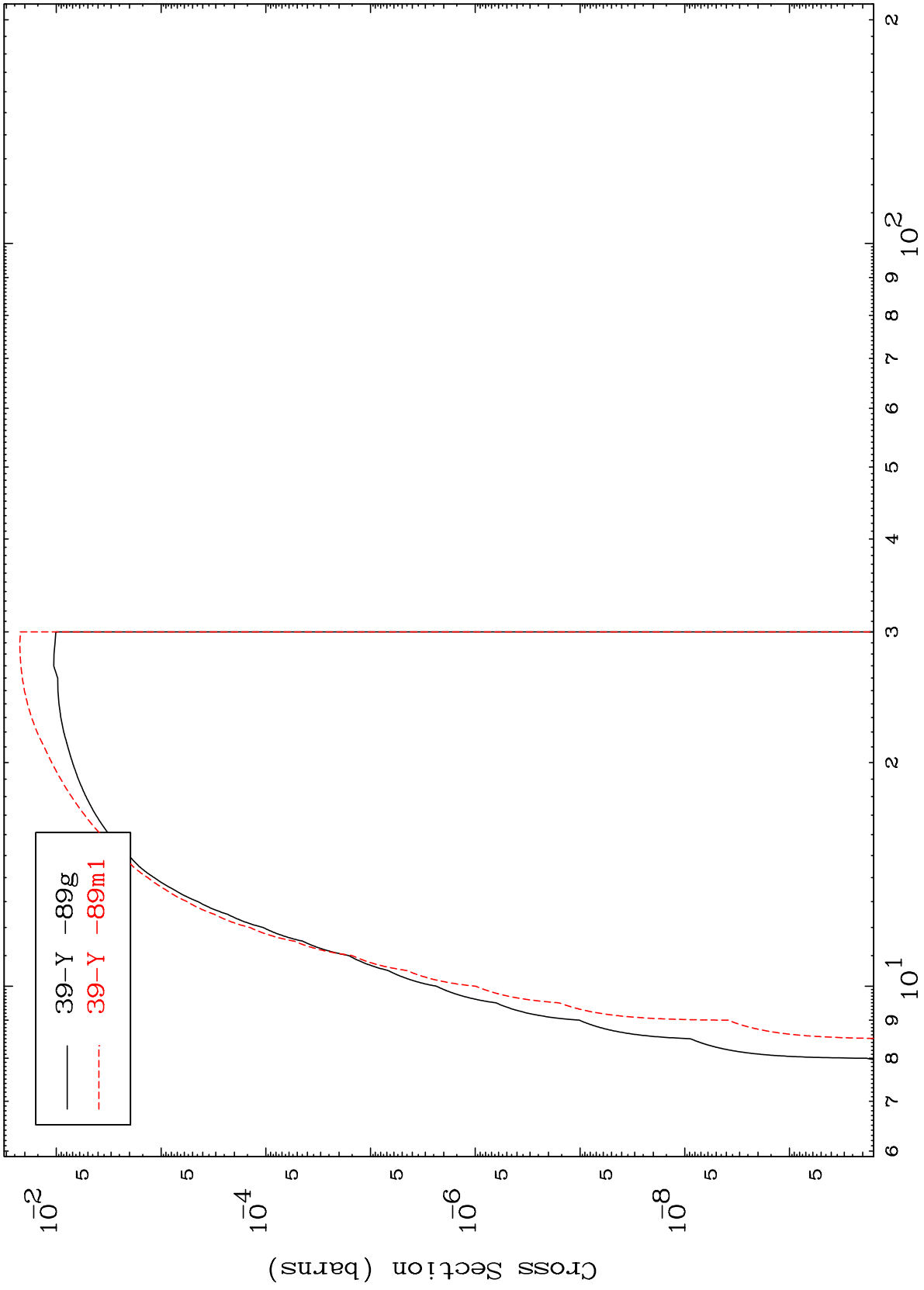


39-Y -90g
39-Y -90m2

MAT 4025

40-Zr-90

(n,d)
Radionuclide Production Cross Section



129

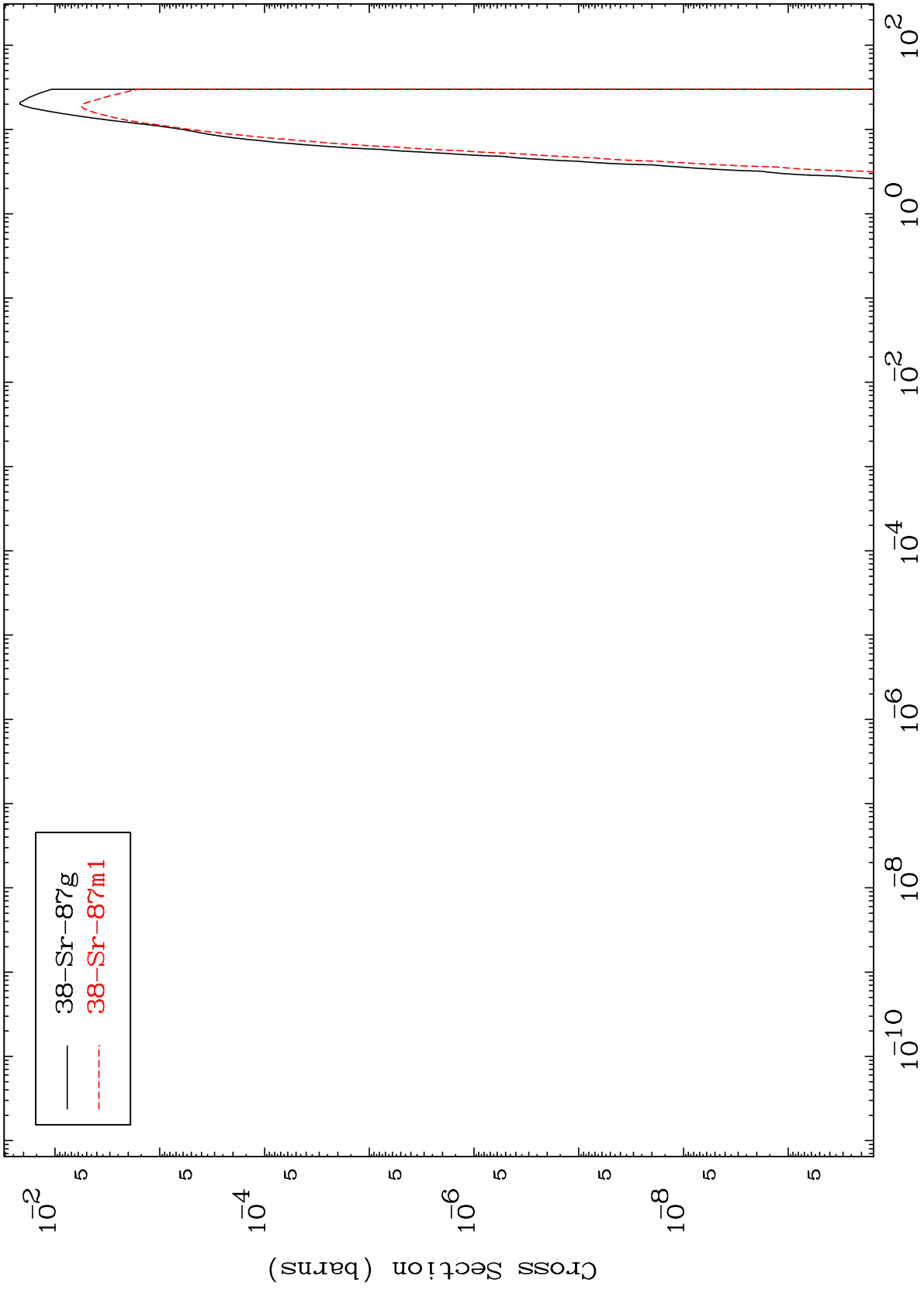
40-Zr-90

Incident Energy (MeV)

MAT 4025

(n,α)
Radionuclide Production Cross Section

40-Zr-90



130

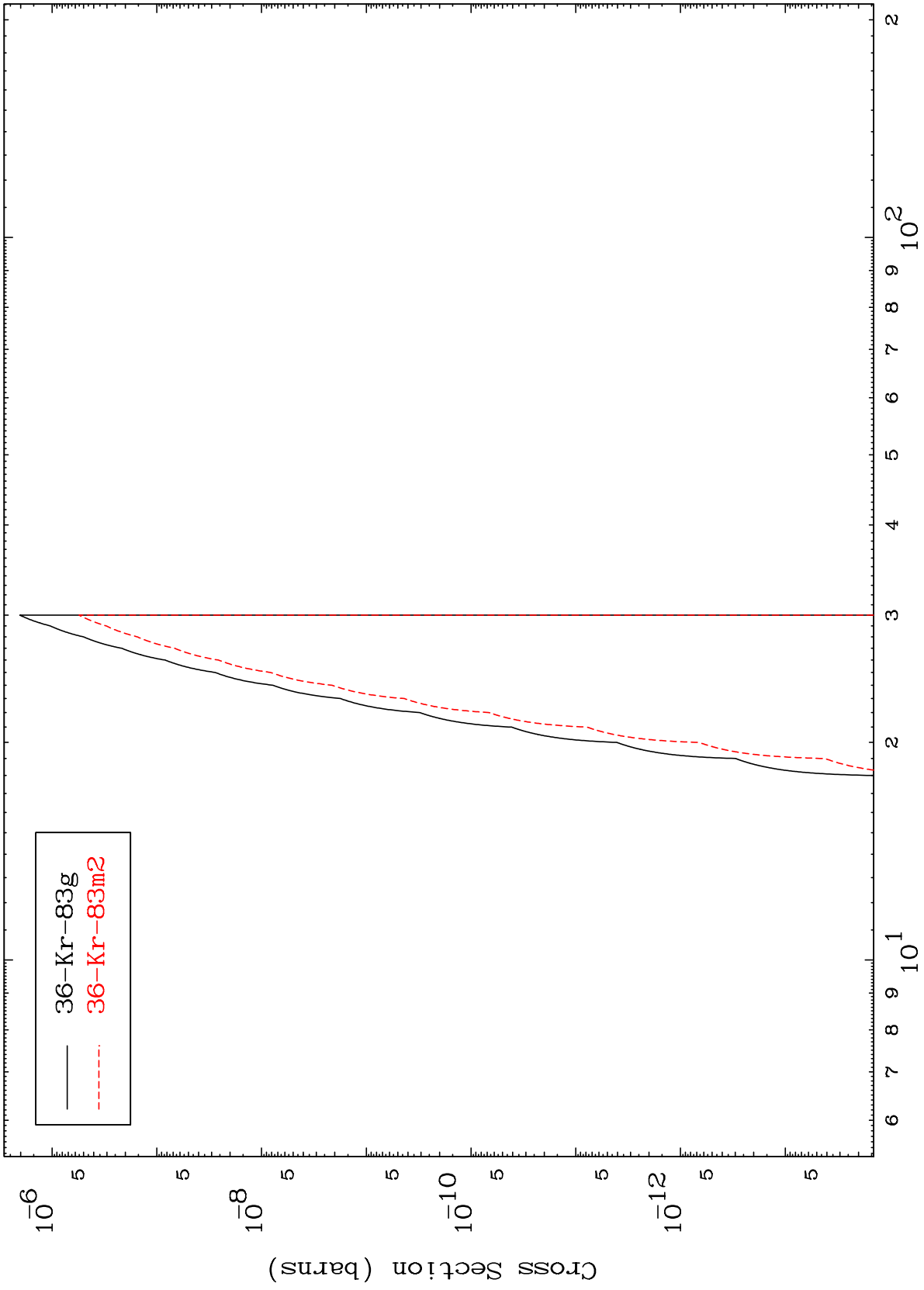
Incident Energy (MeV)

40-Zr-90

MAT 4025

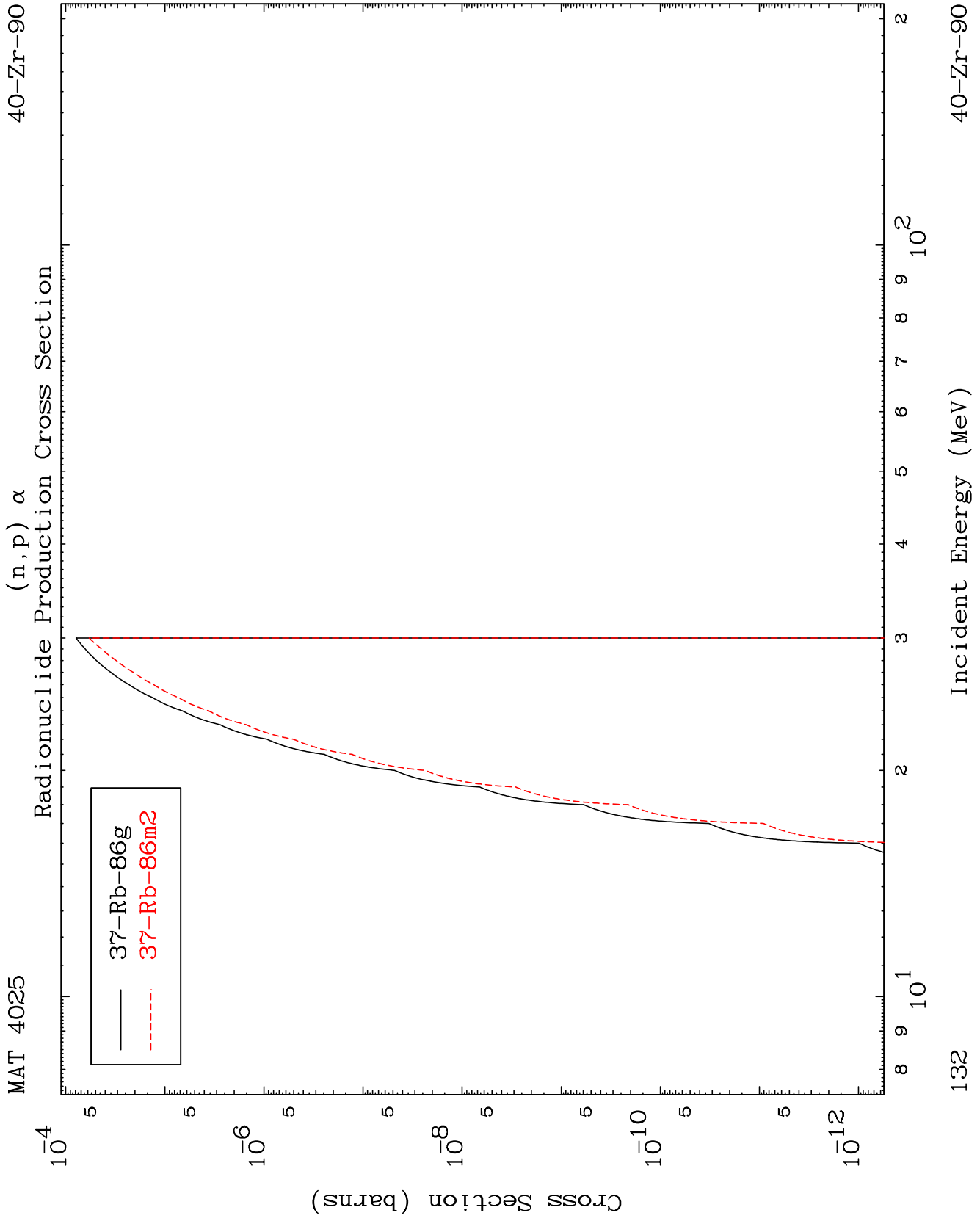
40-Zr-90

Radionuclide Production Cross Section



131

40-Zr-90

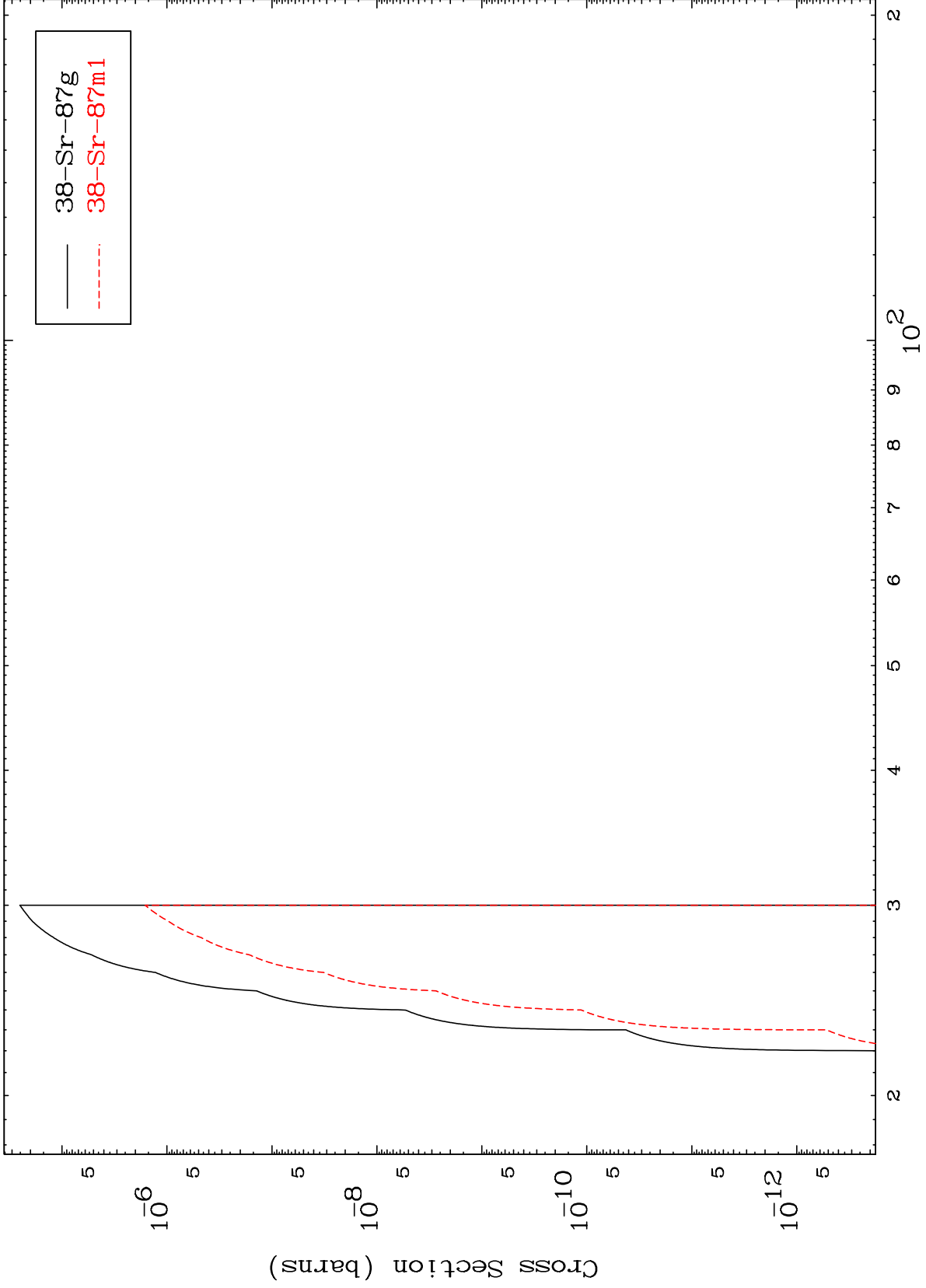


MAT 4025

(n,p) t

40-Zr-90

Radionuclide Production Cross Section



133

Incident Energy (MeV)

40-Zr-90