

Program EVALPLOT
(Version 2021-1)

by

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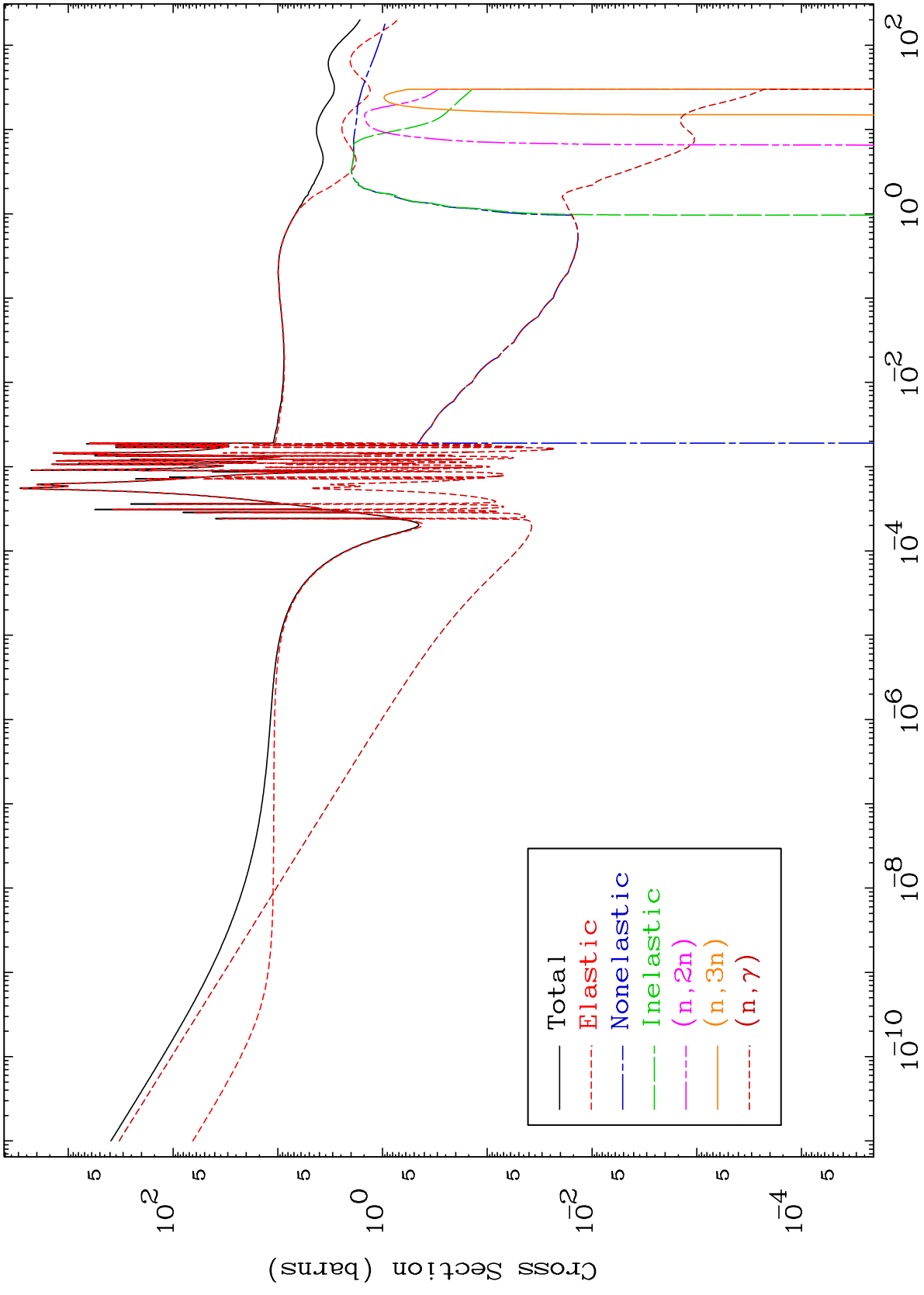
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4040

Neutron Major
293 Kelvin Cross Sections

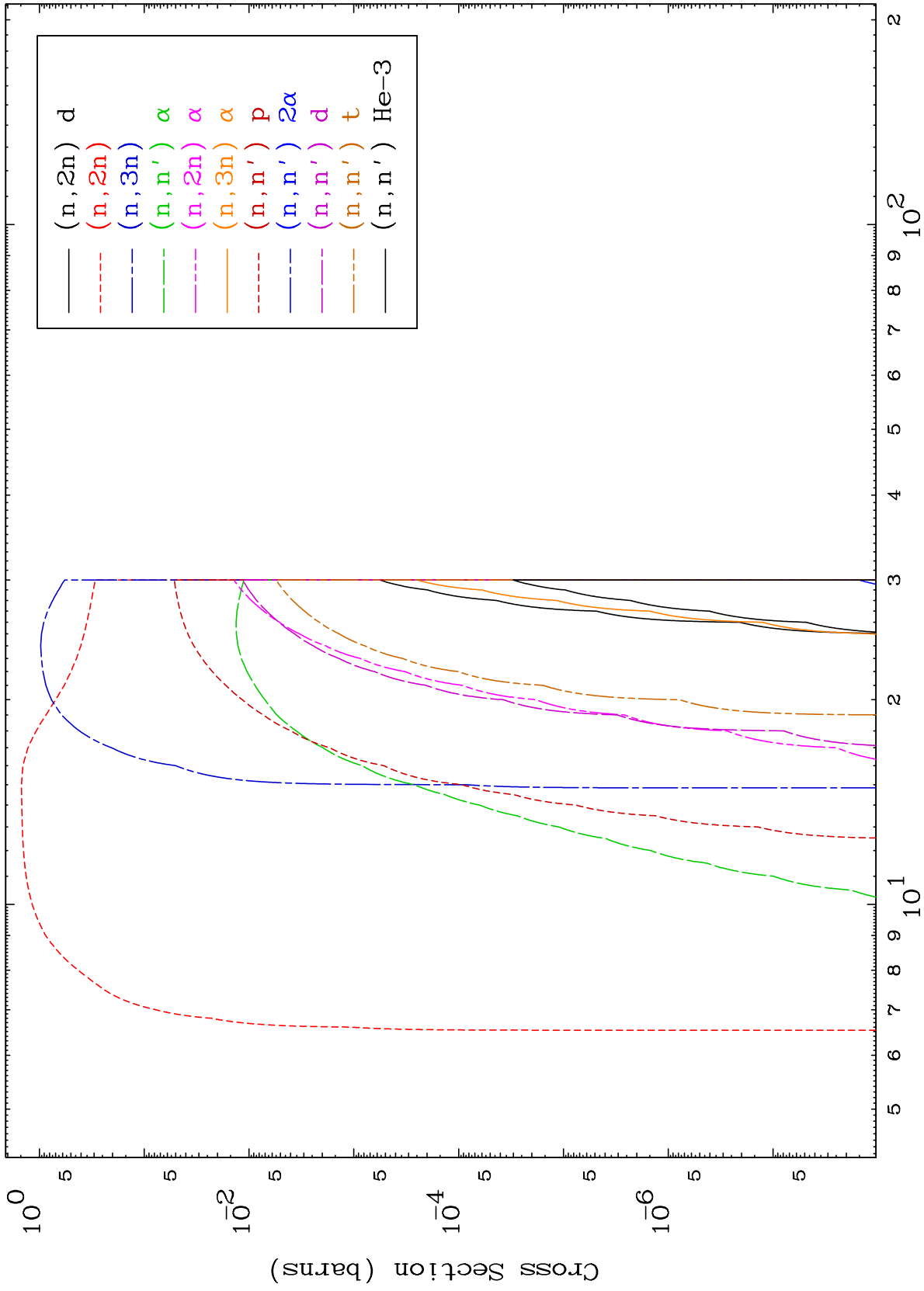
40-Zr-95



MAT 4040

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-95



2

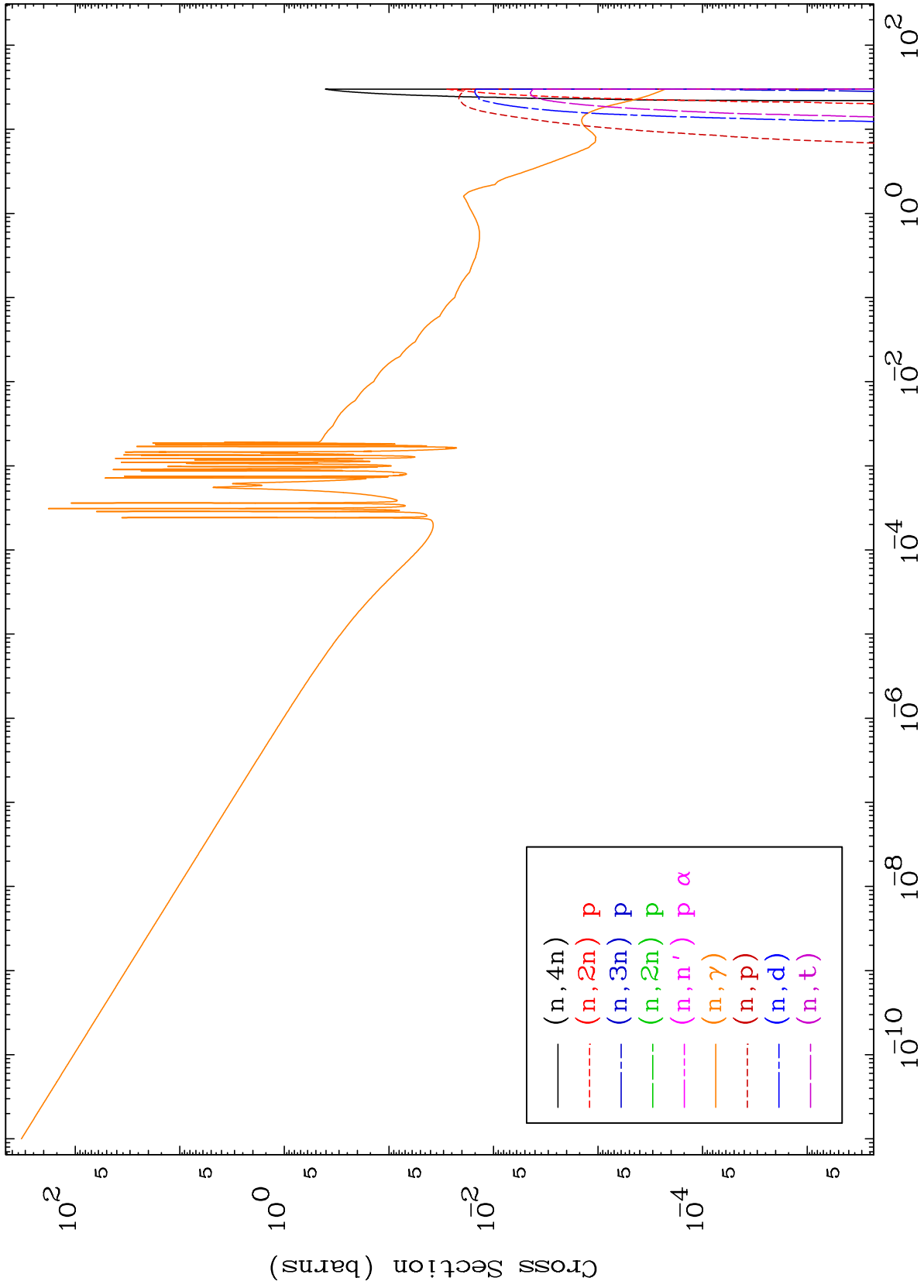
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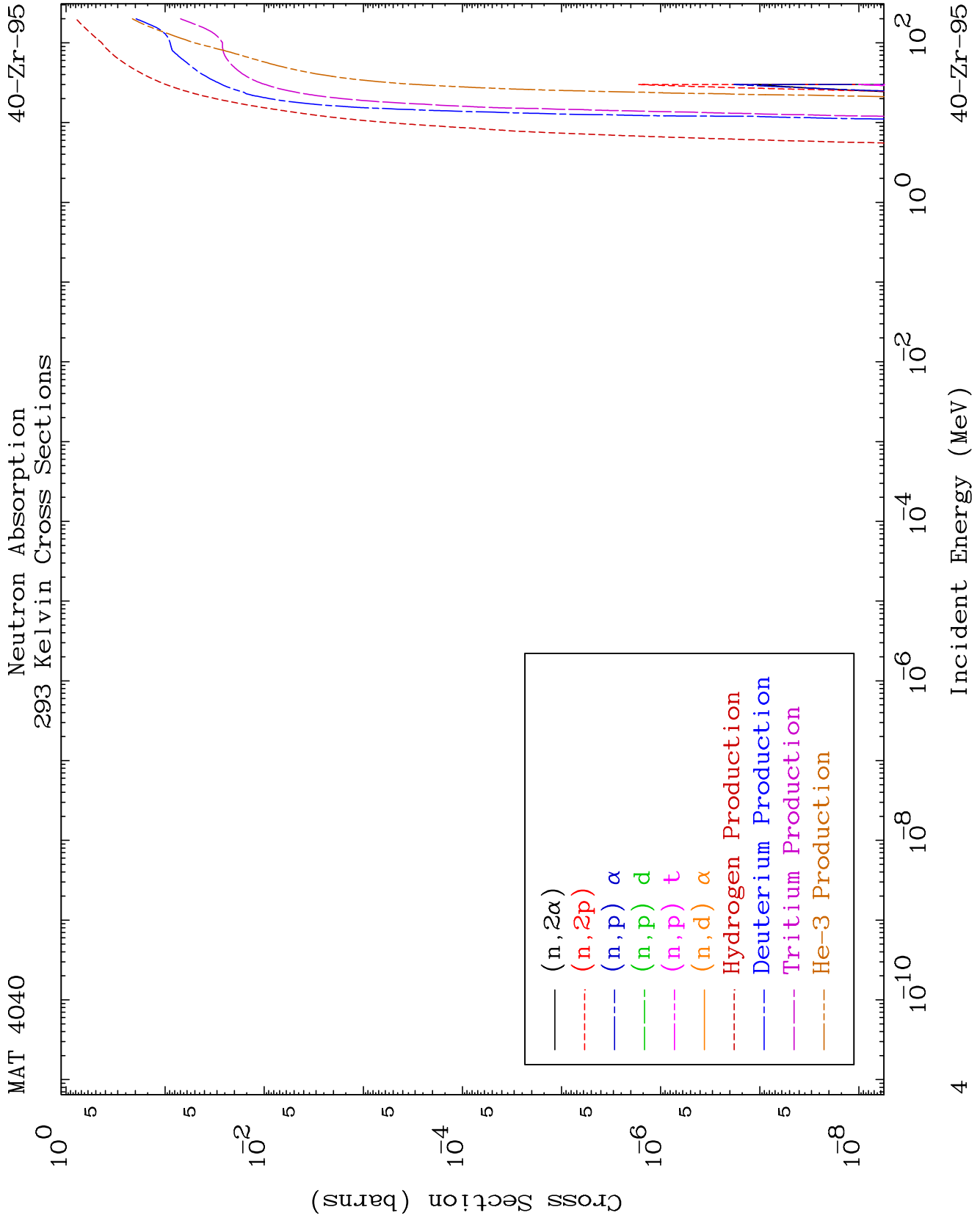
40-Zr-95

MAT 4040

Neutron Absorption
293 Kelvin Cross Sections

40-Zr-95

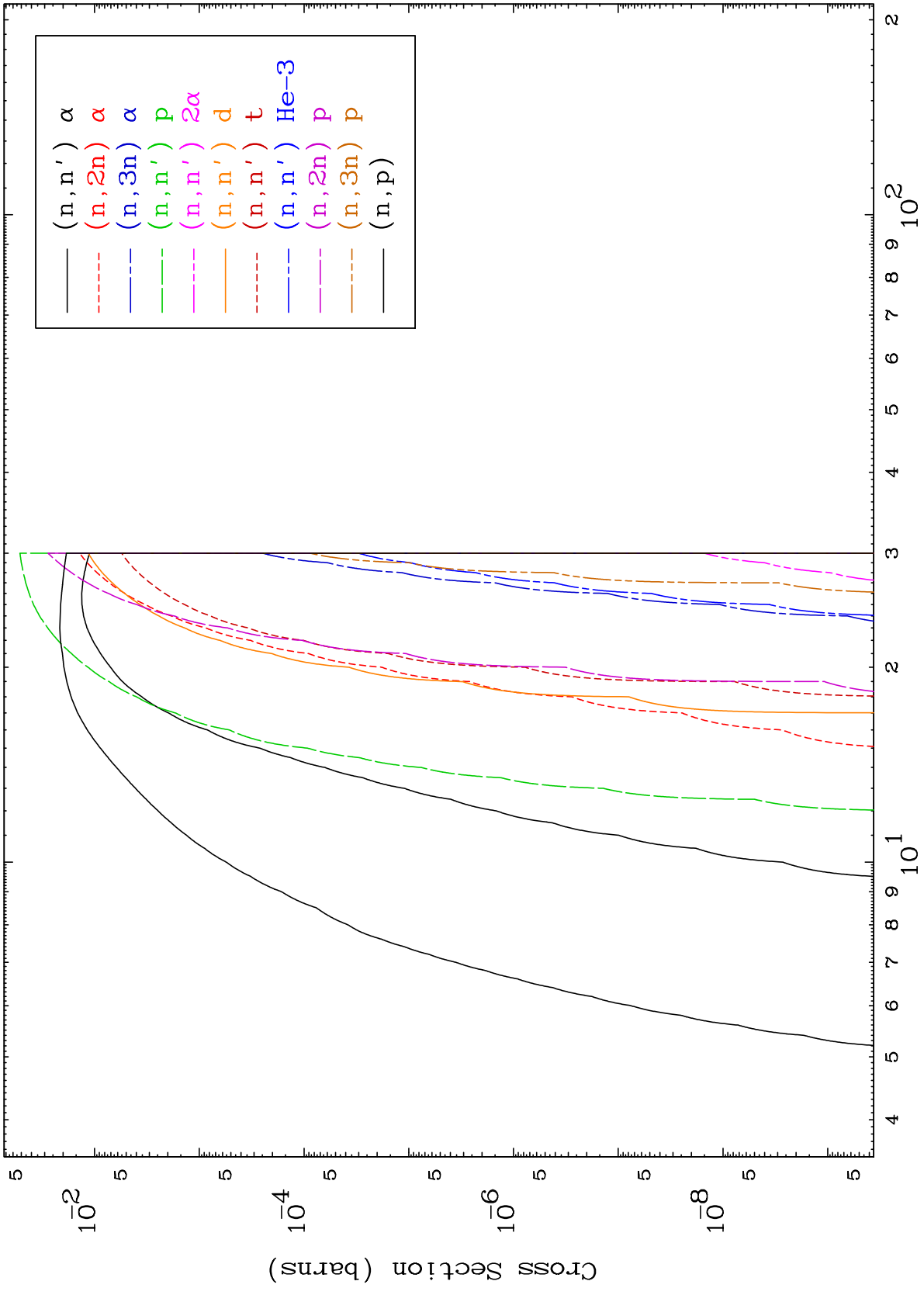




MAT 4040

Charged Particle
293 Kelvin Cross Sections

40-Zr-95



5

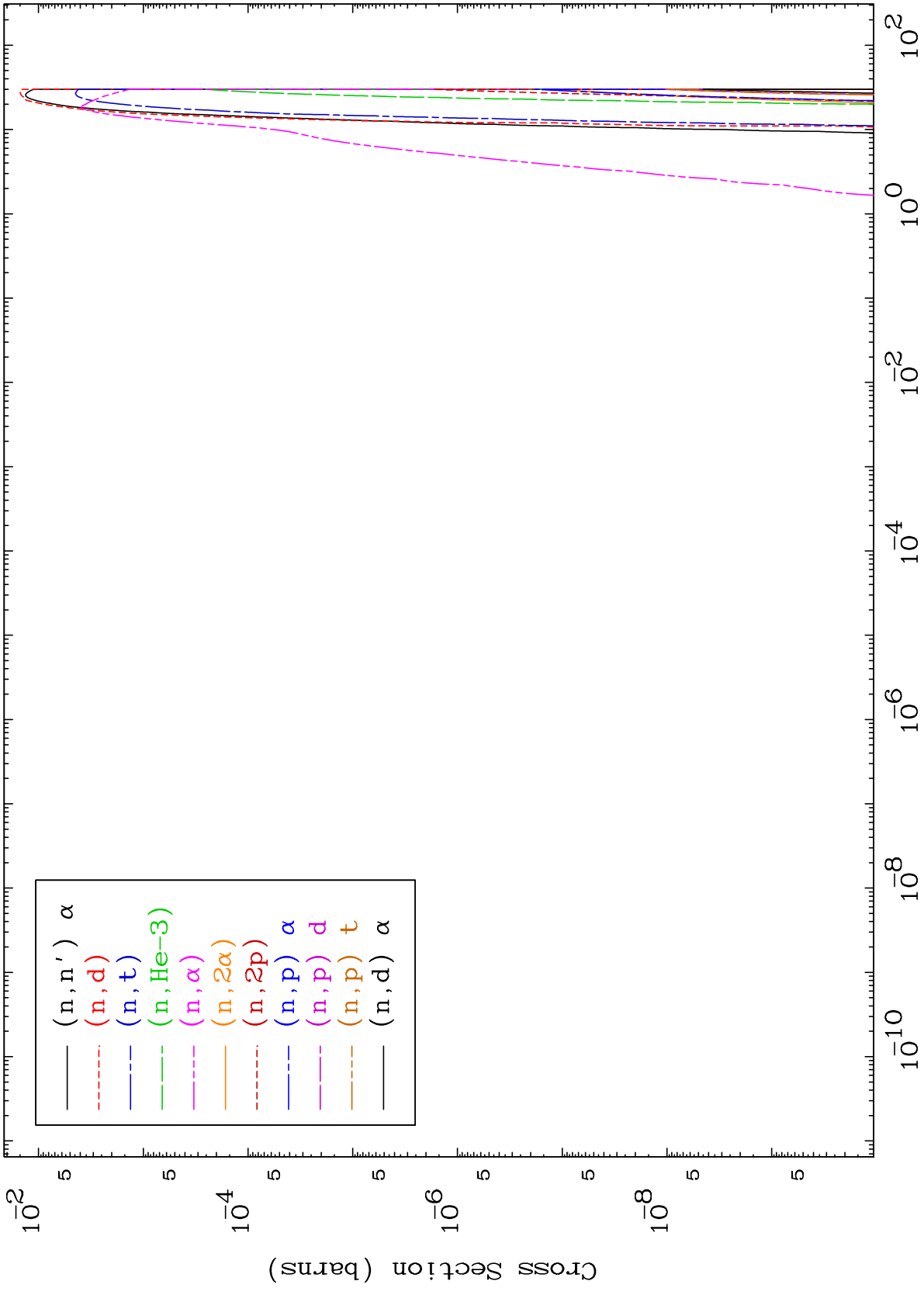
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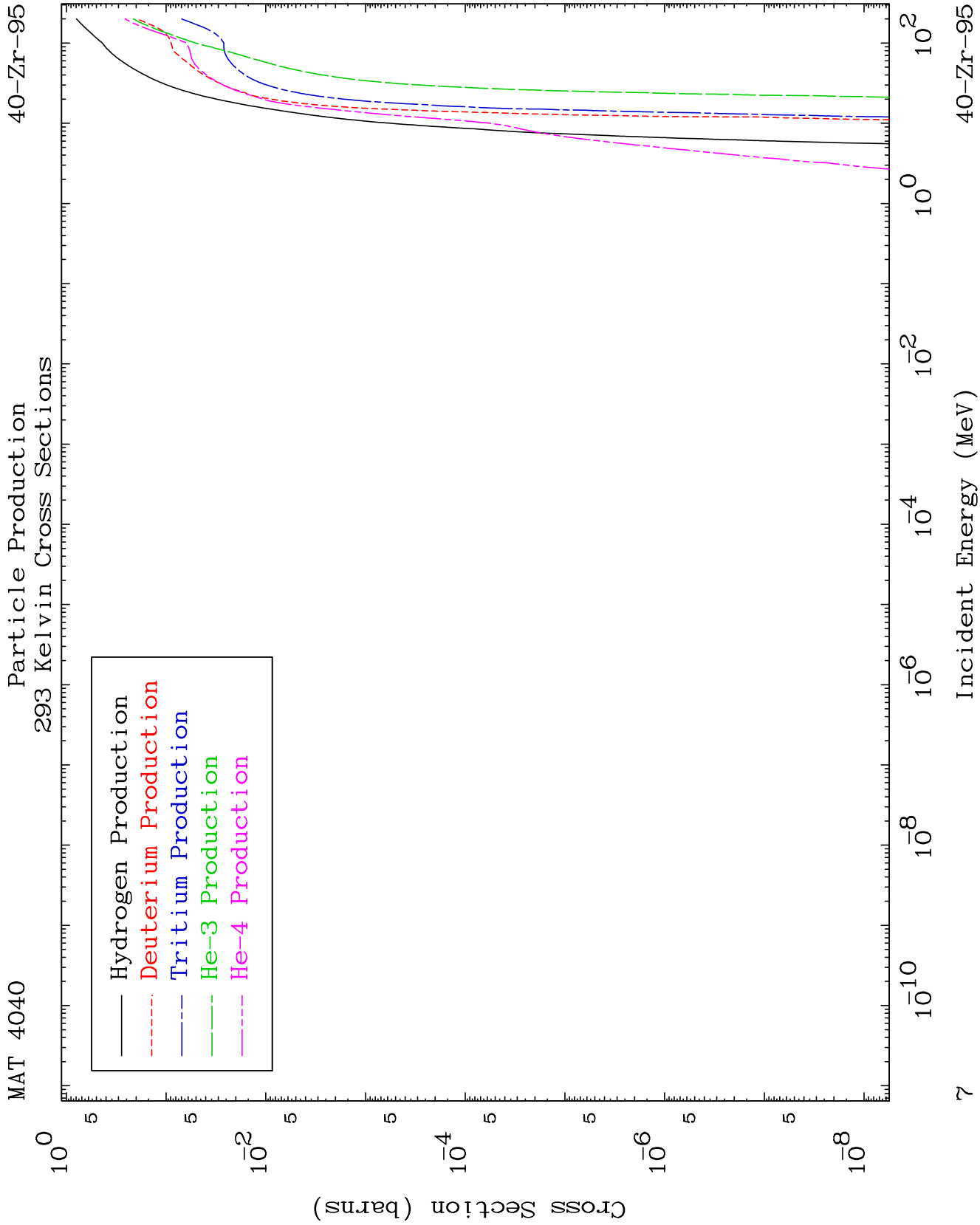
40-Zr-95

MAT 4040

293 Kelvin Cross Sections

40-Zr-95



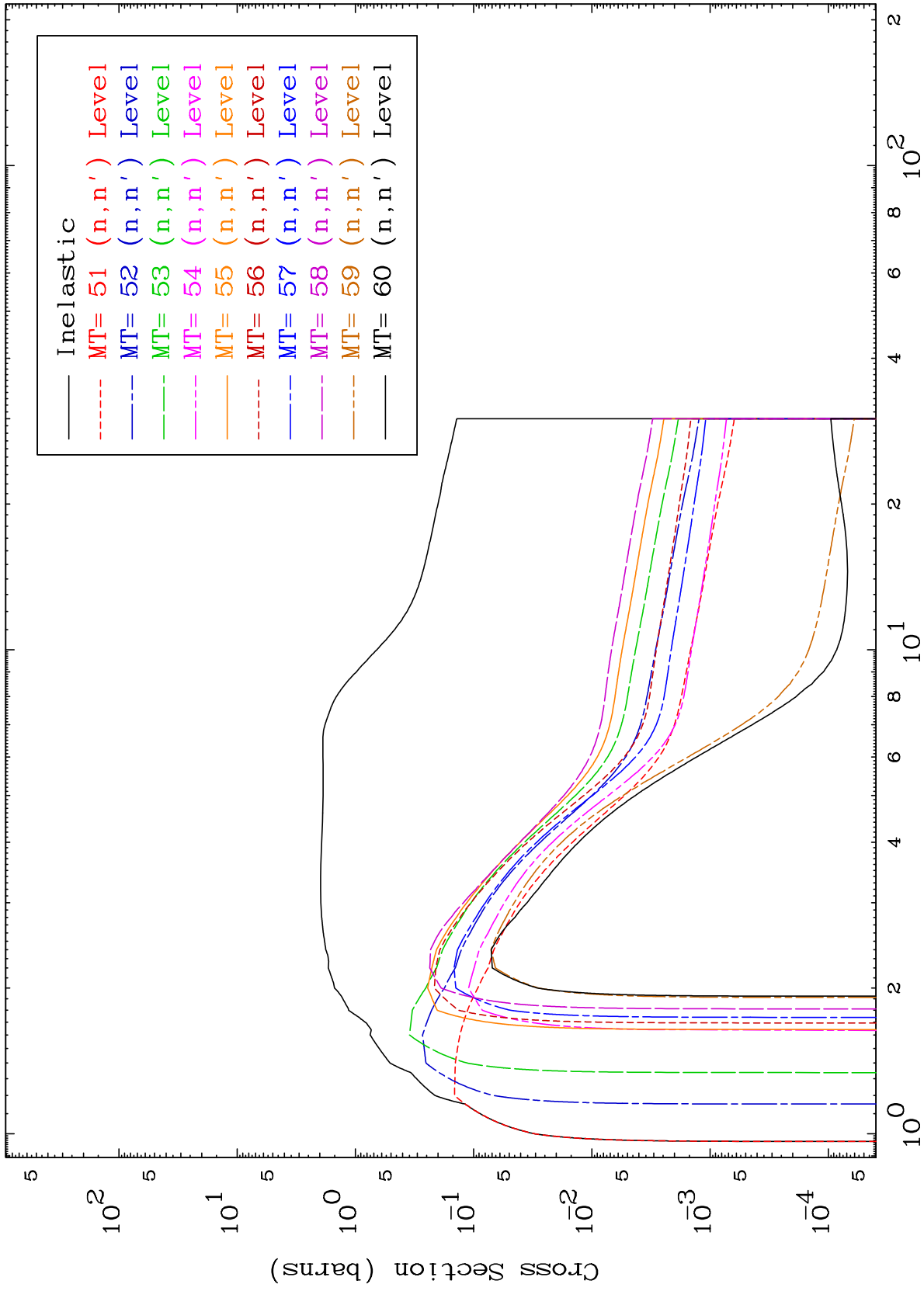


MAT 4040

(n,n') Levels

40-Zr-95

293 Kelvin Cross Sections



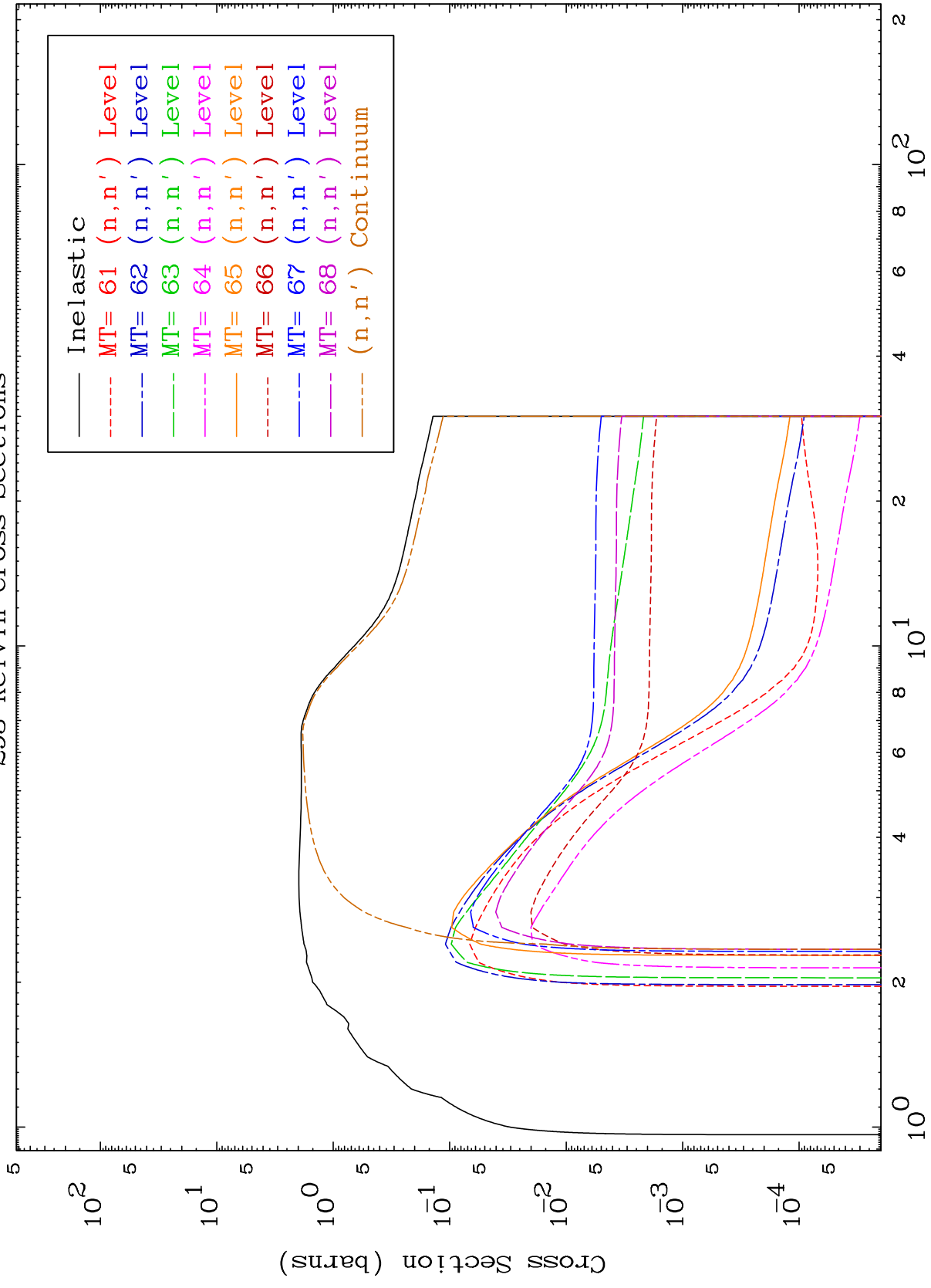
Incident Energy (MeV)

40-Zr-95

MAT 4040

(n,n') Levels
293 Kelvin Cross Sections

40-Zr-95



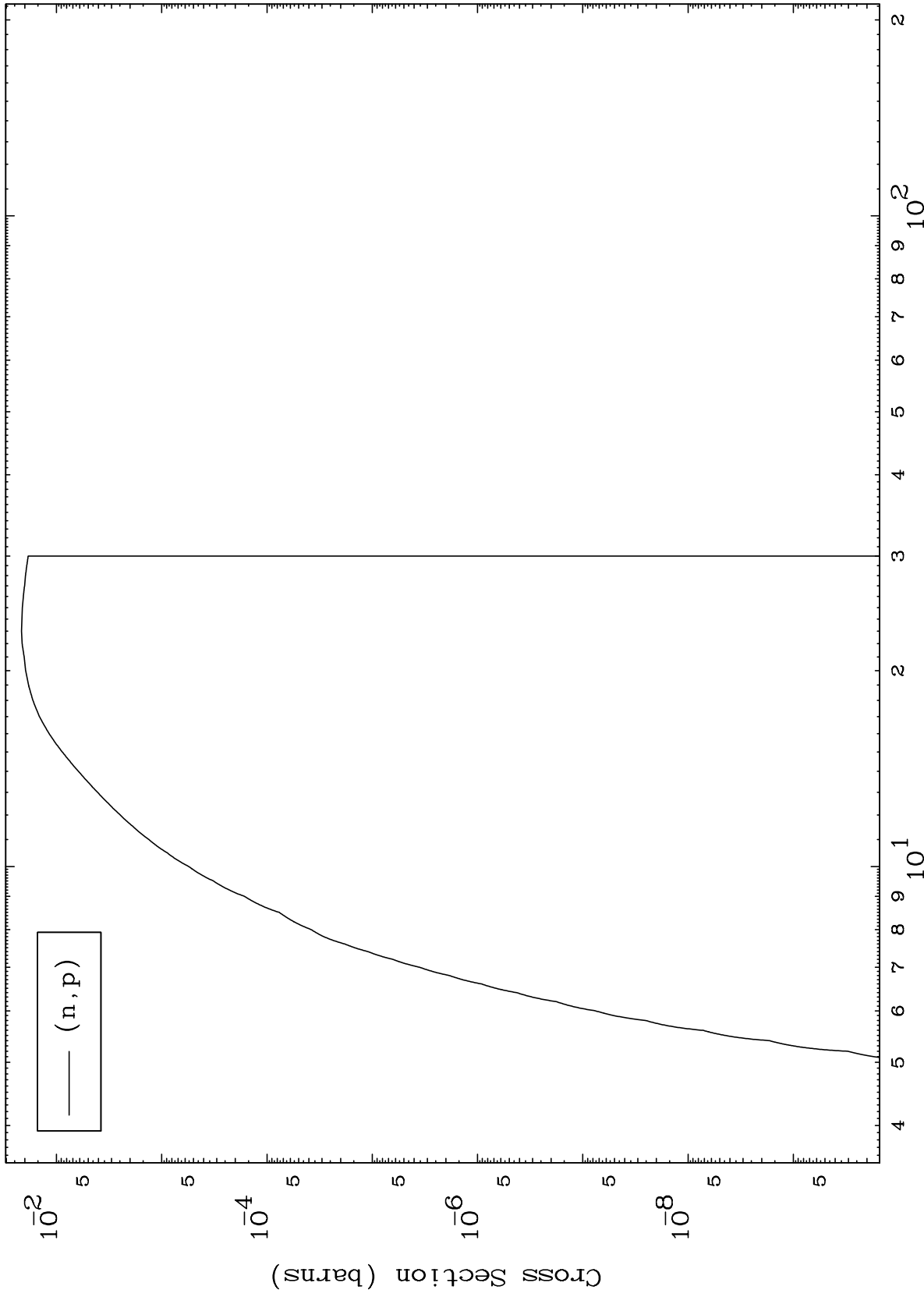
Incident Energy (MeV)

40-Zr-95

MAT 4040

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-95



10

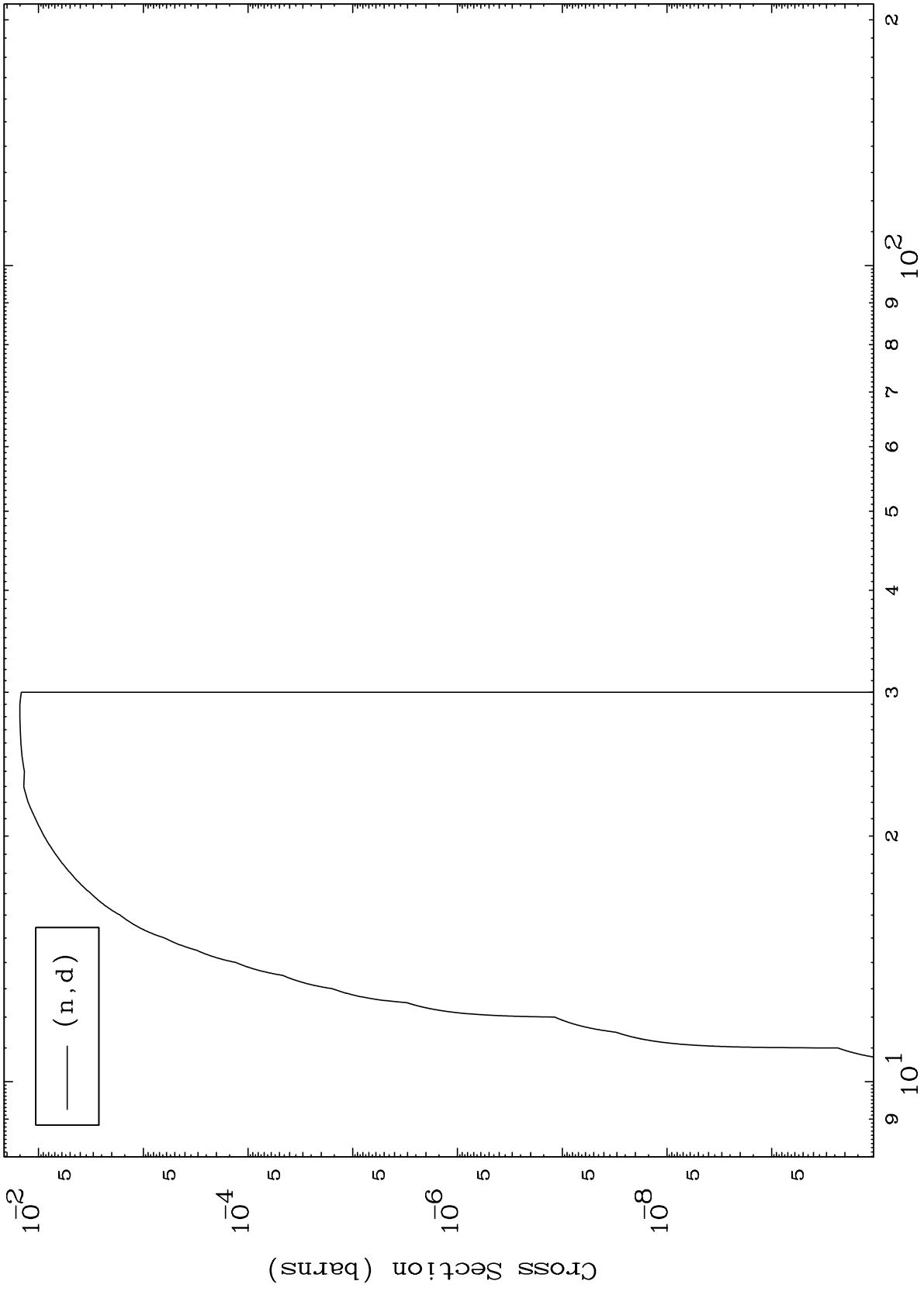
Incident Energy (MeV)

40-Zr-95

MAT 4040

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-95



11

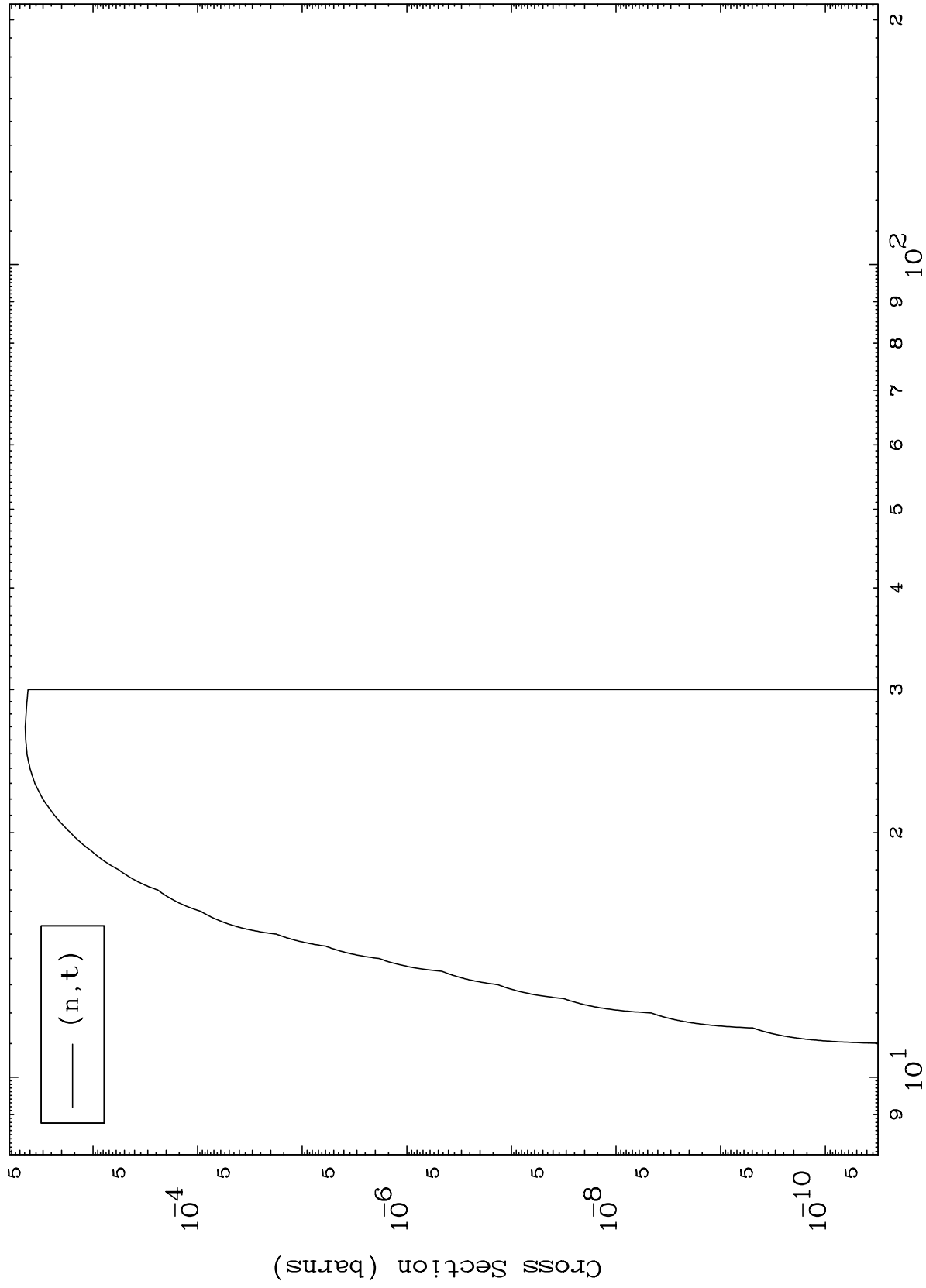
Incident Energy (MeV)

40-Zr-95

MAT 4040

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-95



12

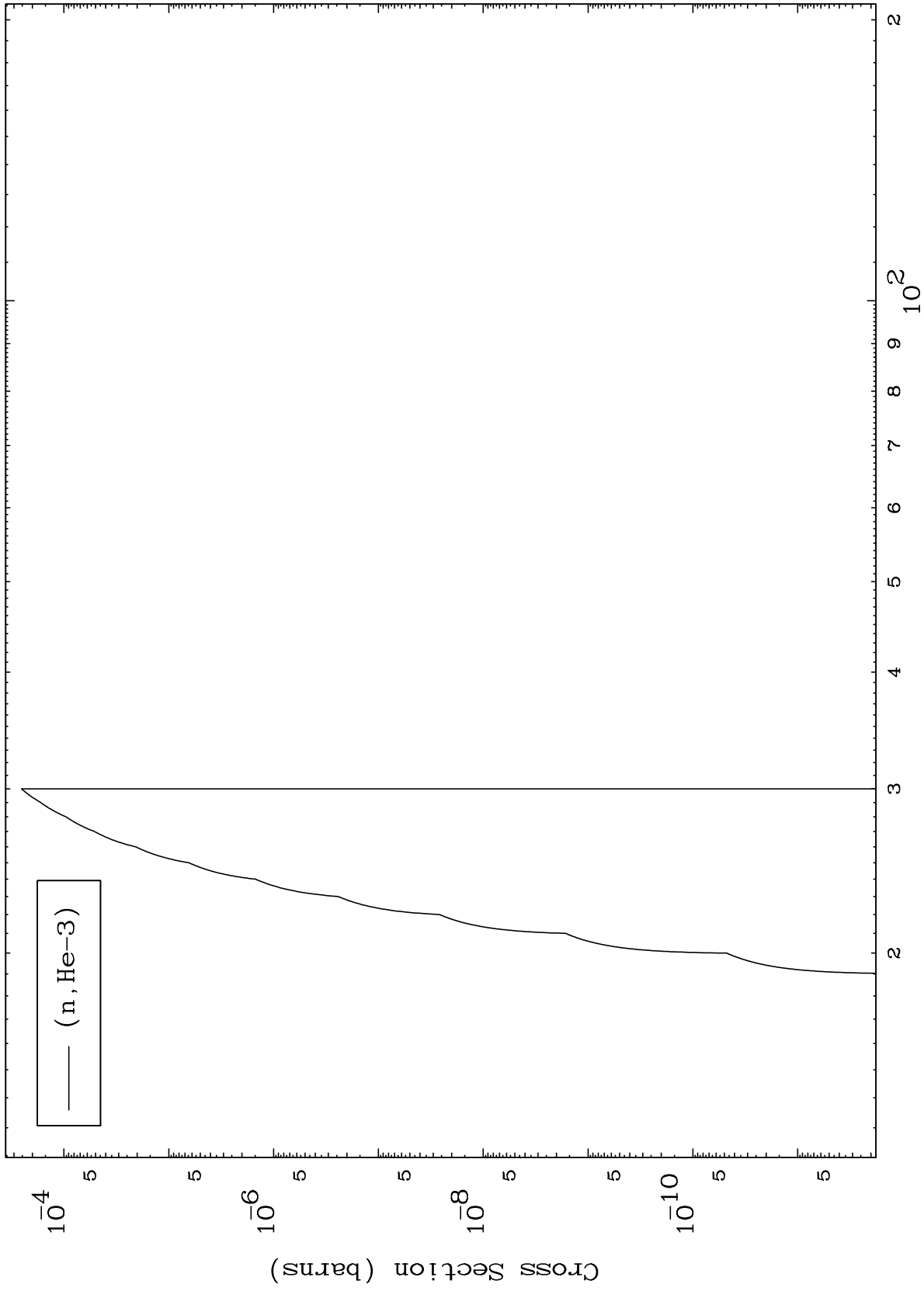
Incident Energy (MeV)

40-Zr-95

MAT 4040

(n,He3) Levels
293 Kelvin Cross Sections

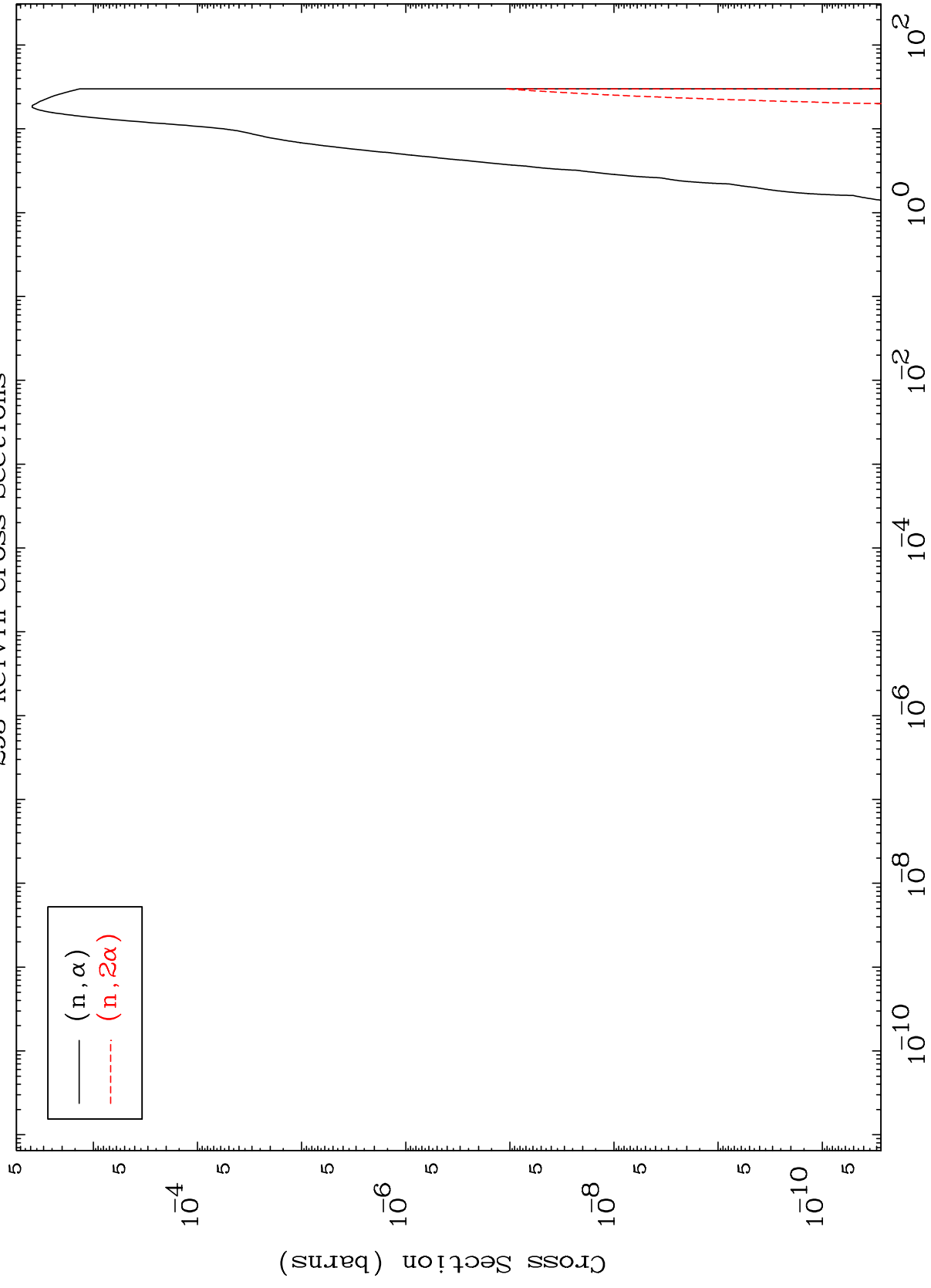
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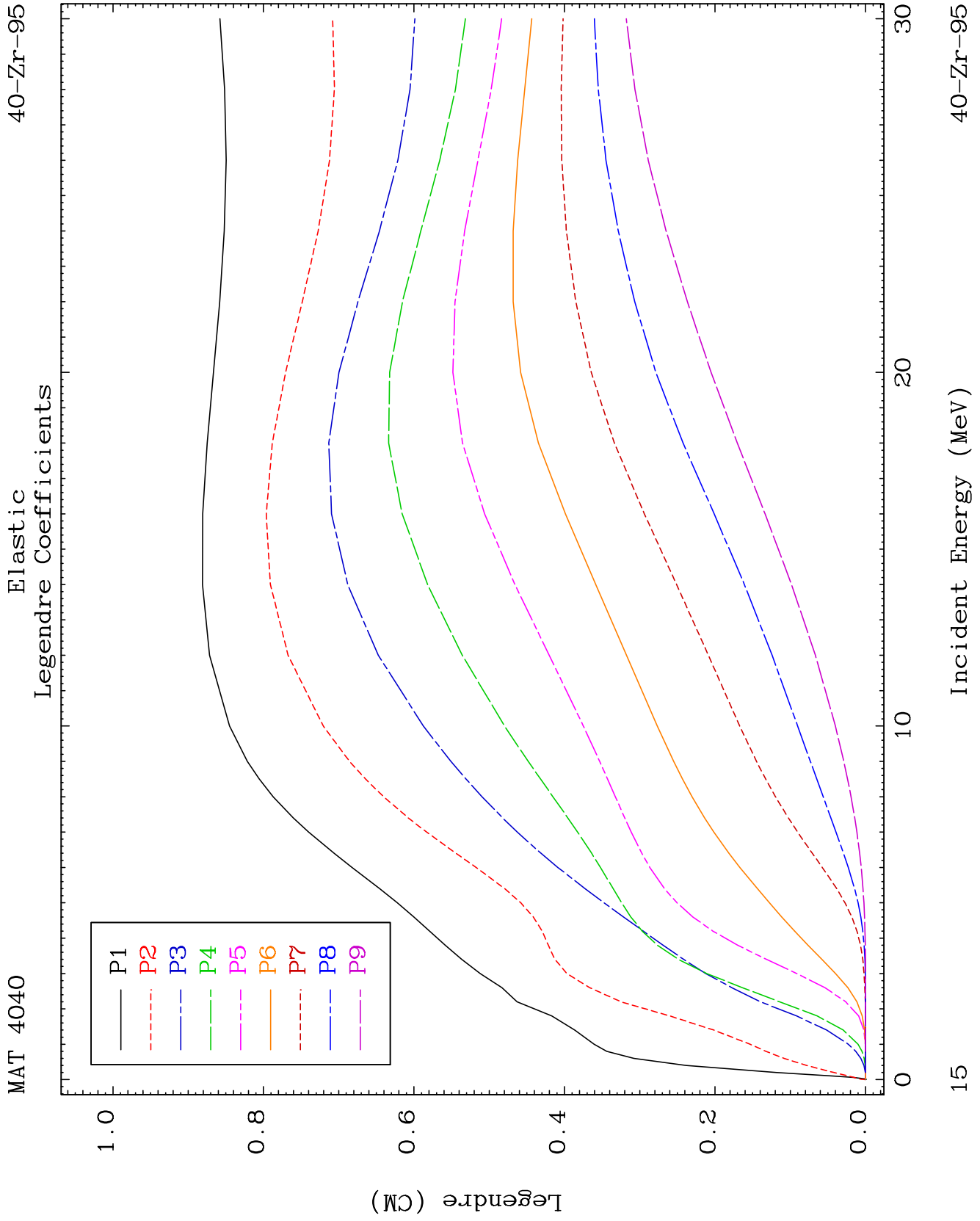
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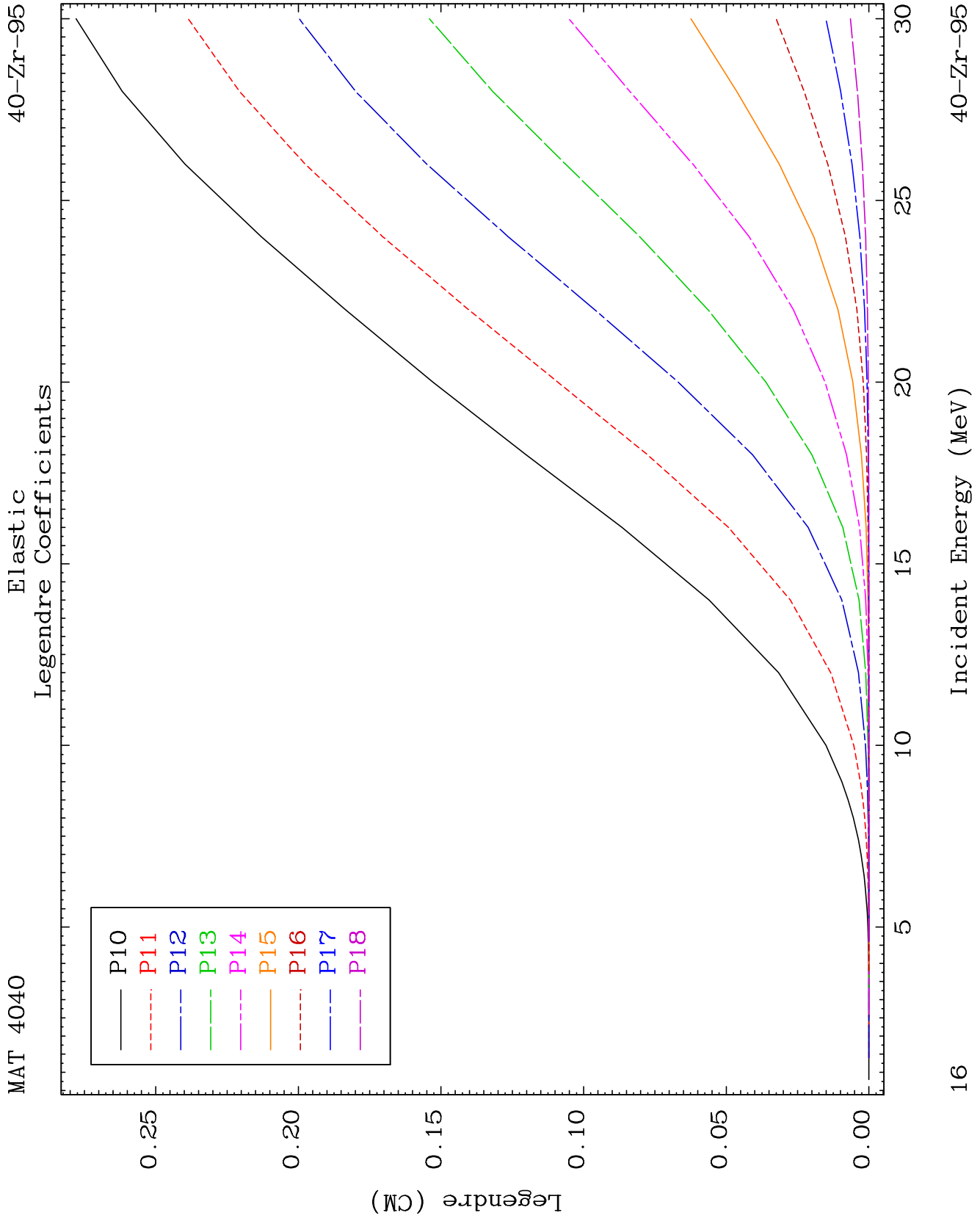
(n,α) Levels
293 Kelvin Cross Sections

40-Zr-95



(n,α)
(n,2α)

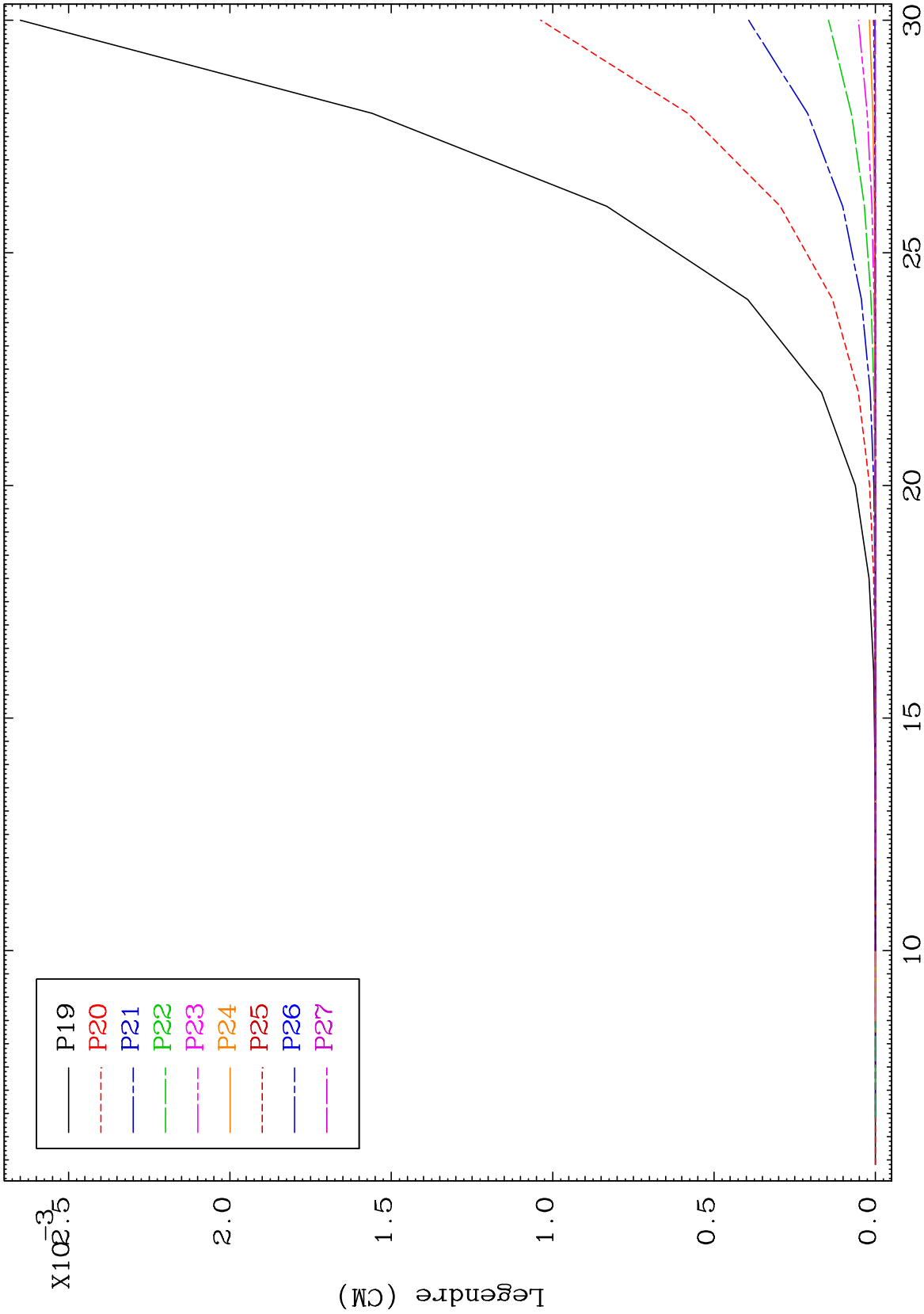




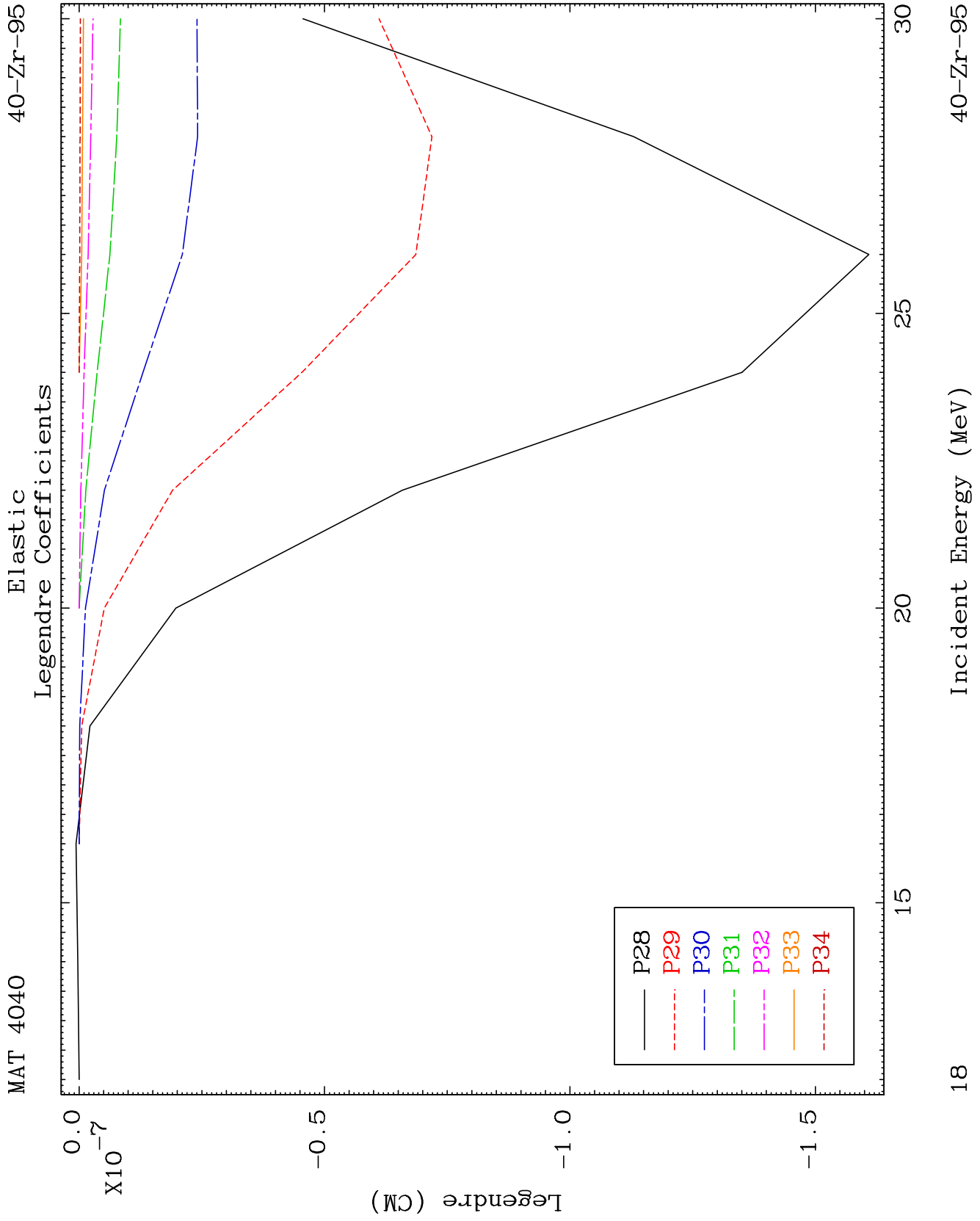
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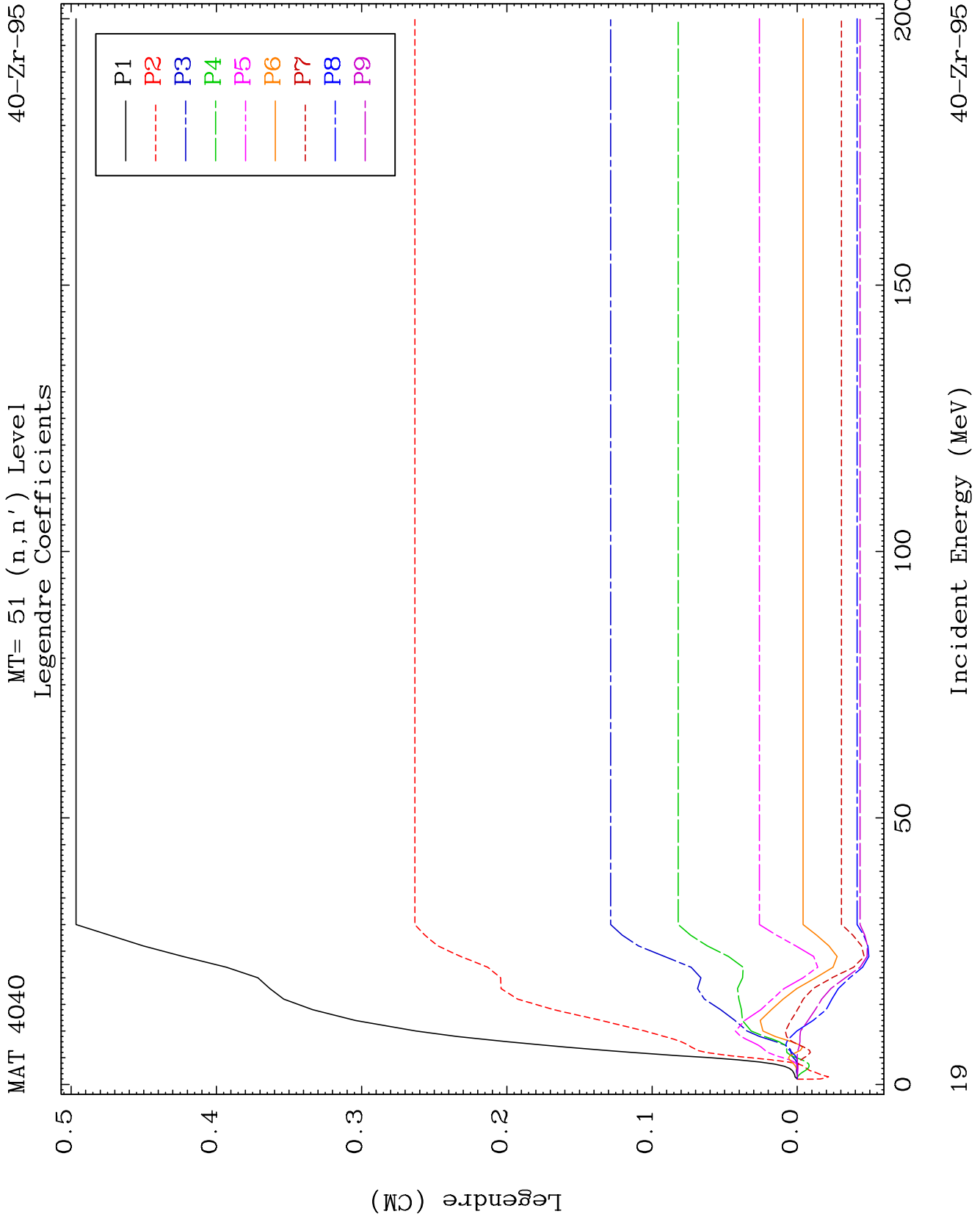
Elastic Legendre Coefficients

40-Zr-95

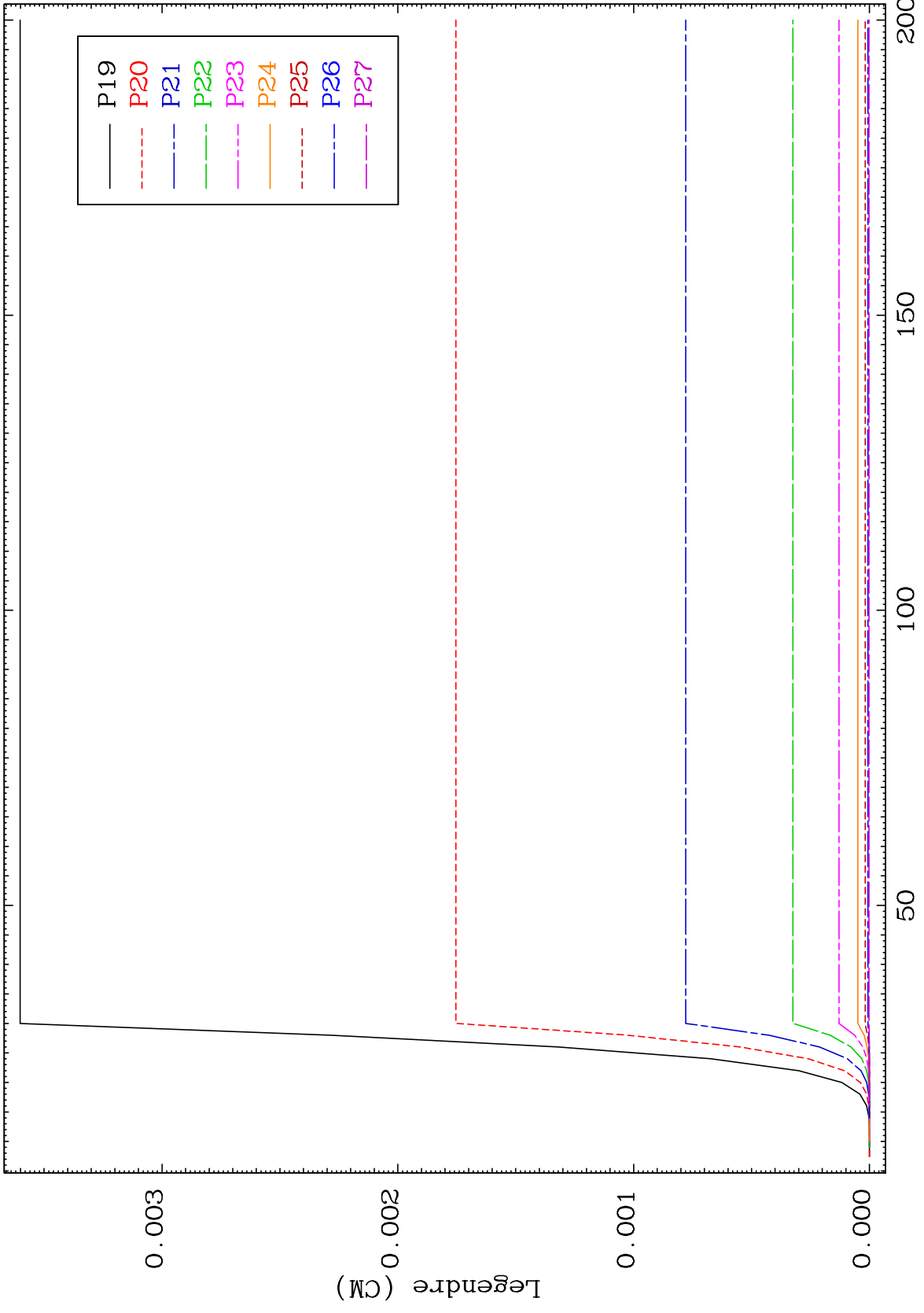


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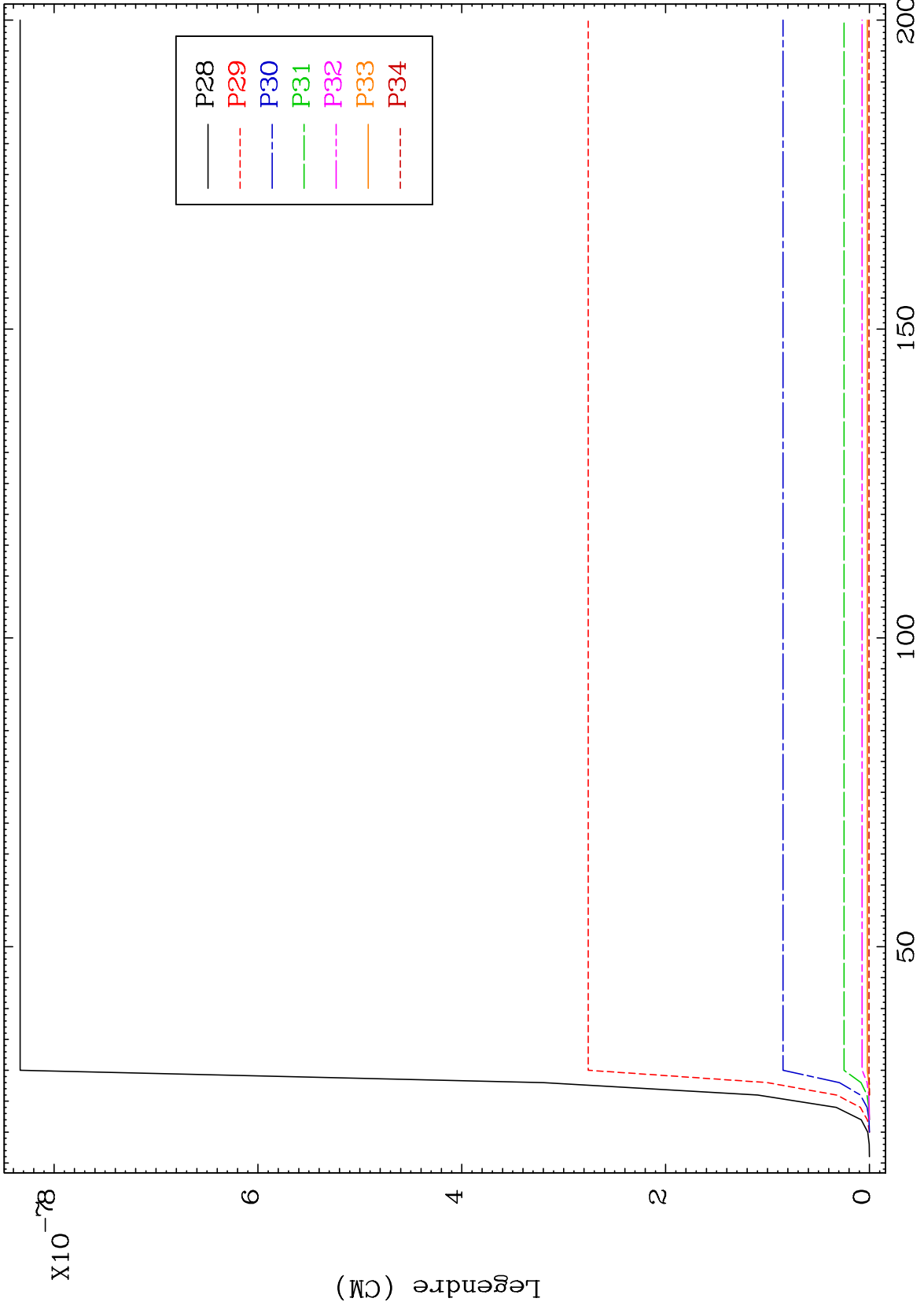




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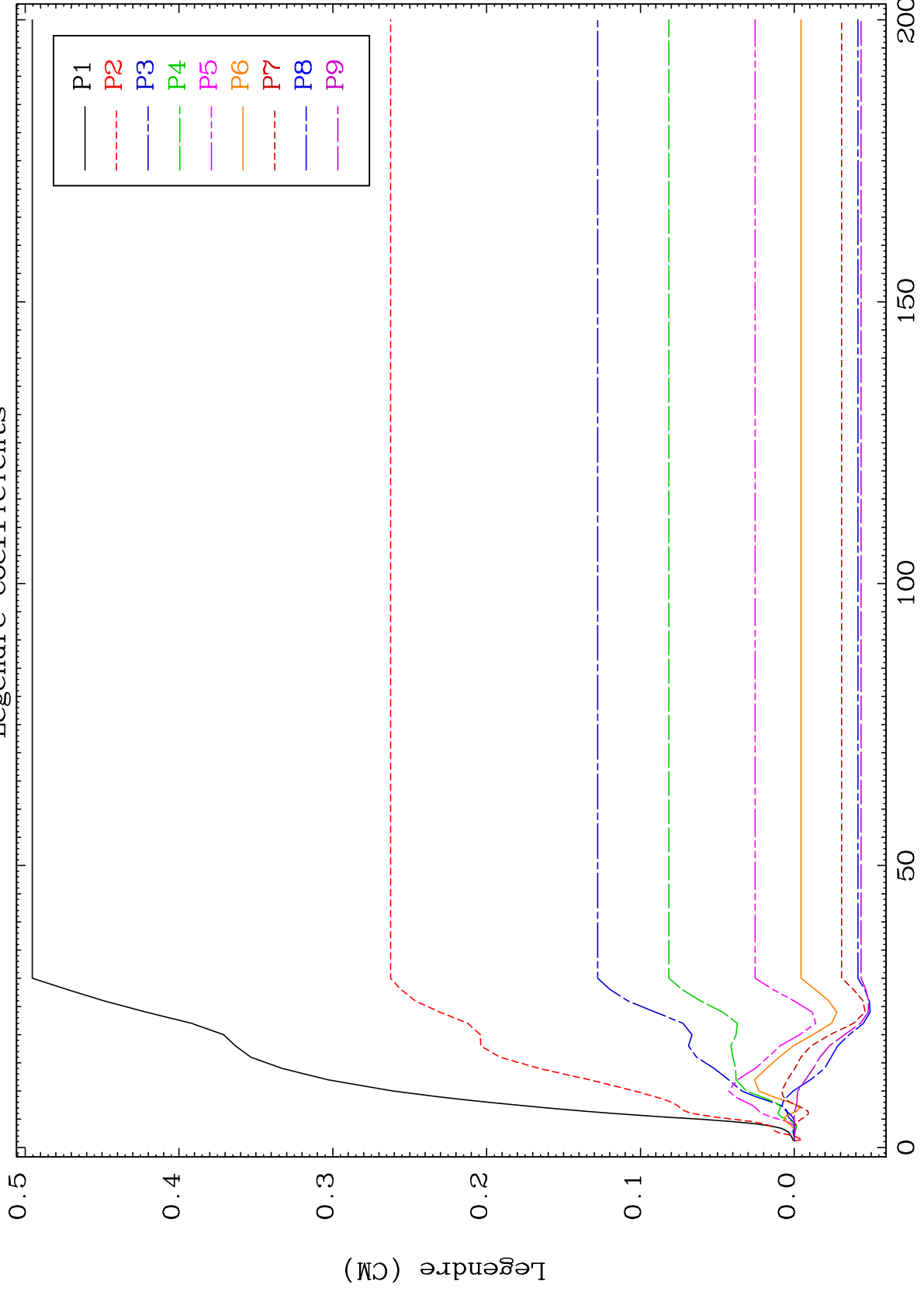


MAT 4040 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-95

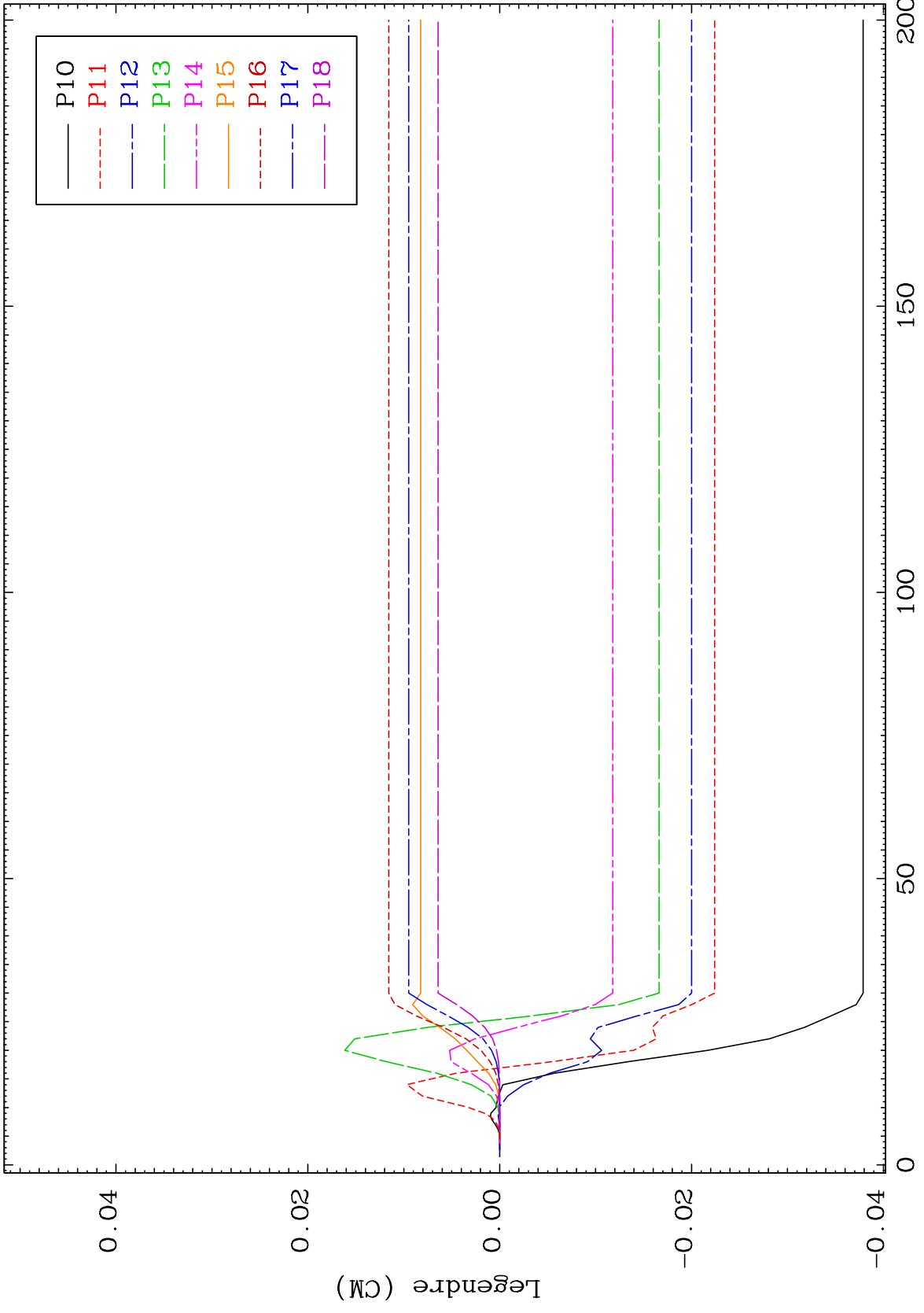


22 50 100 150 200 40-Zr-95

MAT 4040 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-95

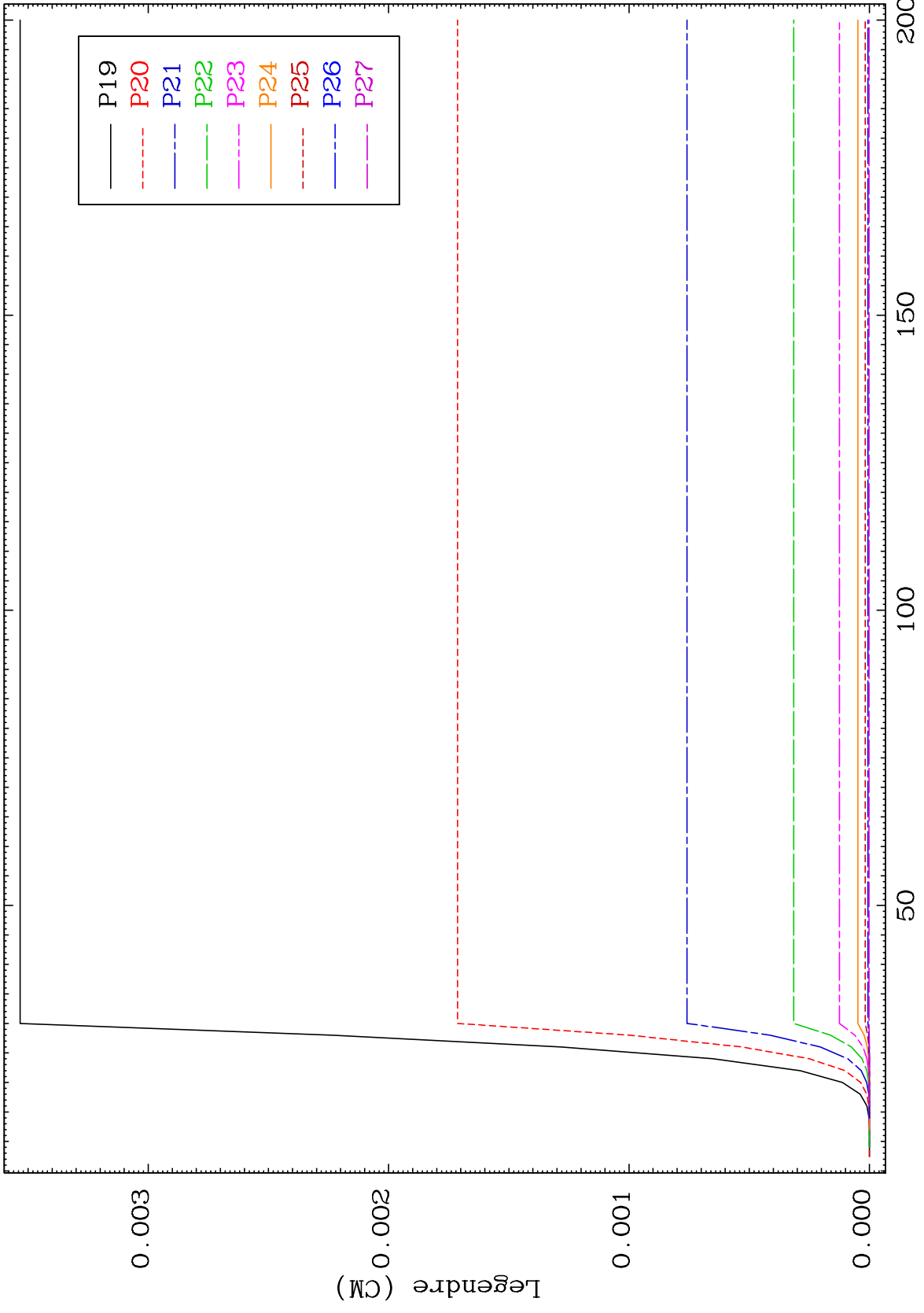


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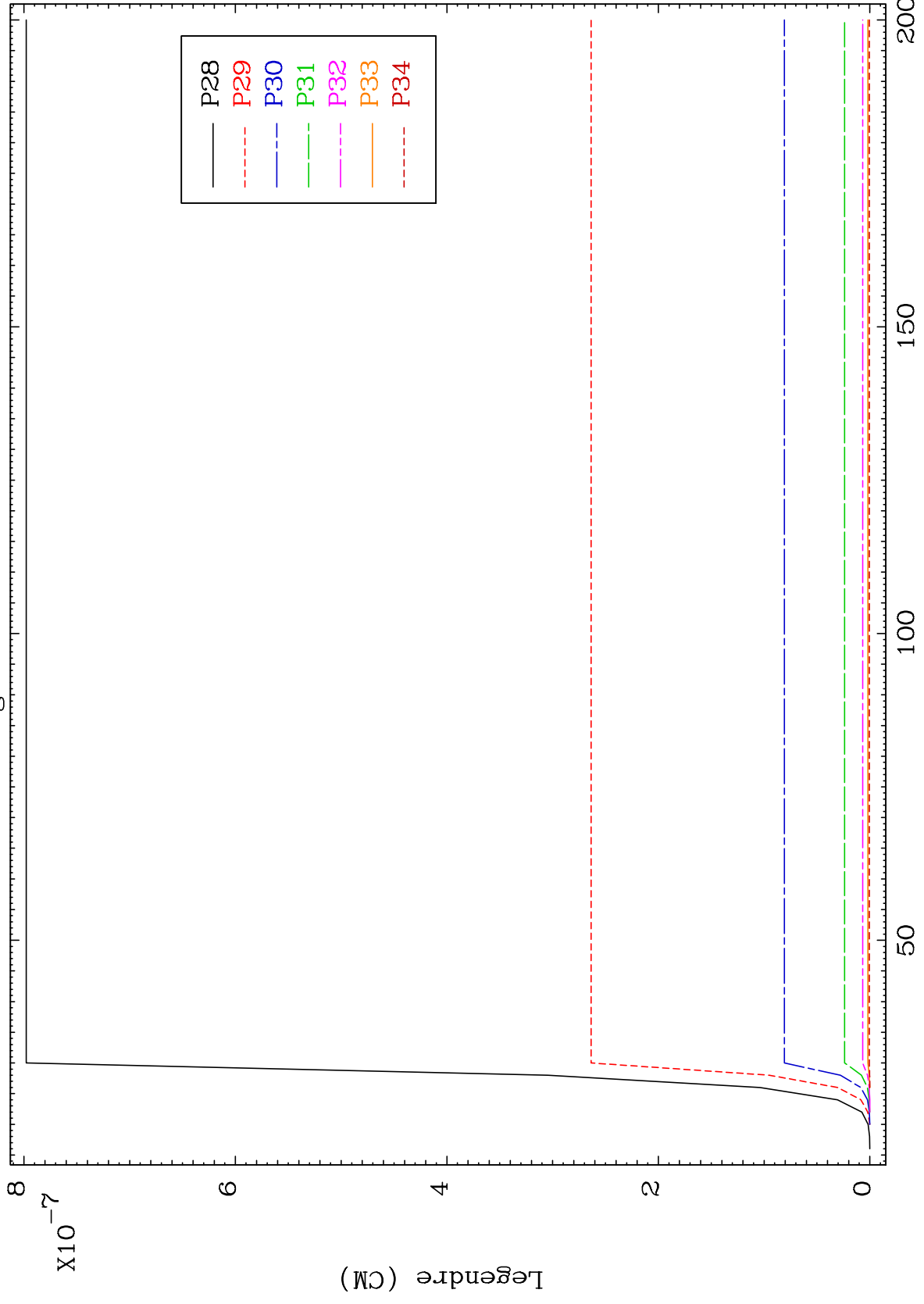
24 40-Zr-95

MAT 4040 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-95

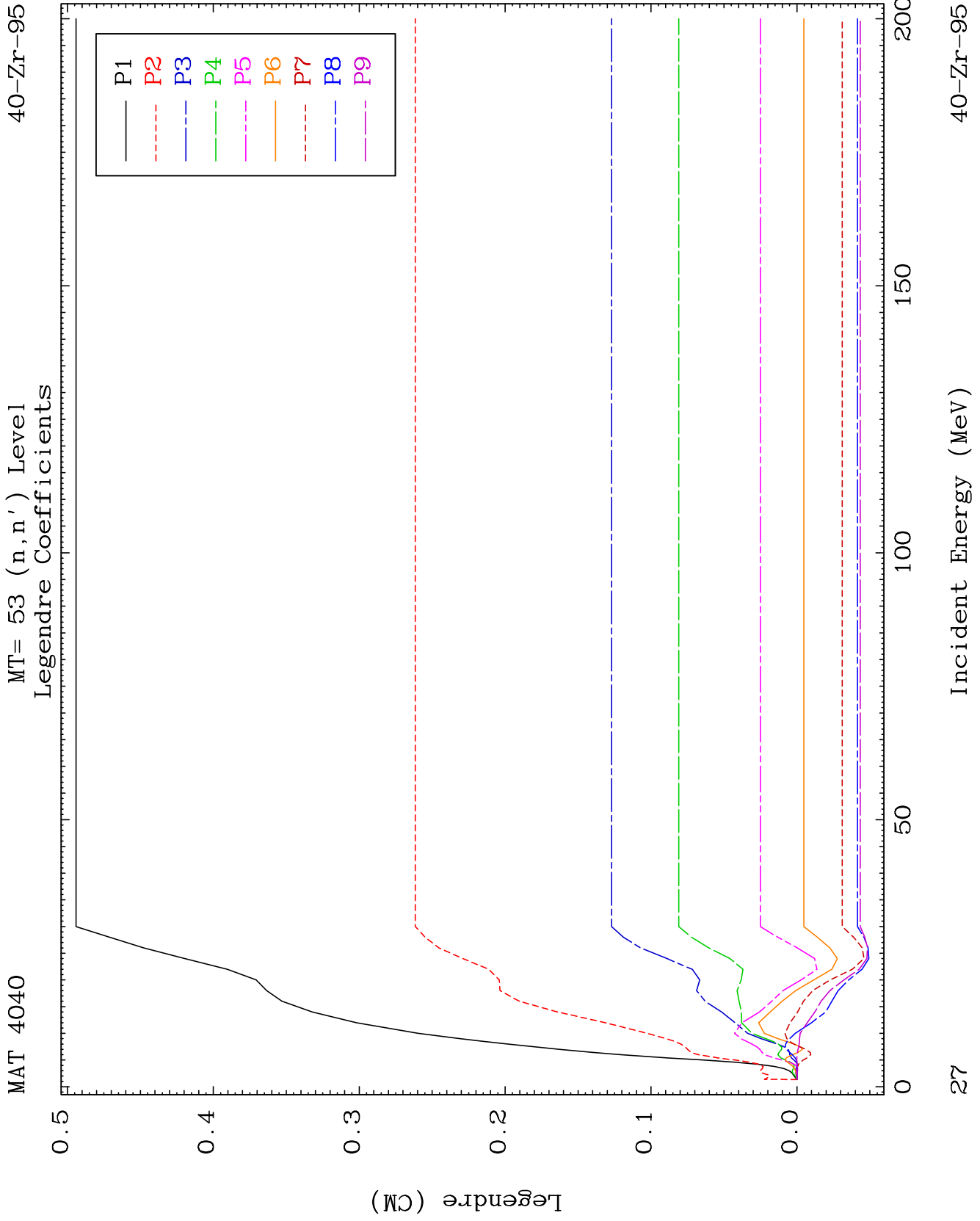


25 50 100 150 200 Incident Energy (MeV) 40-Zr-95

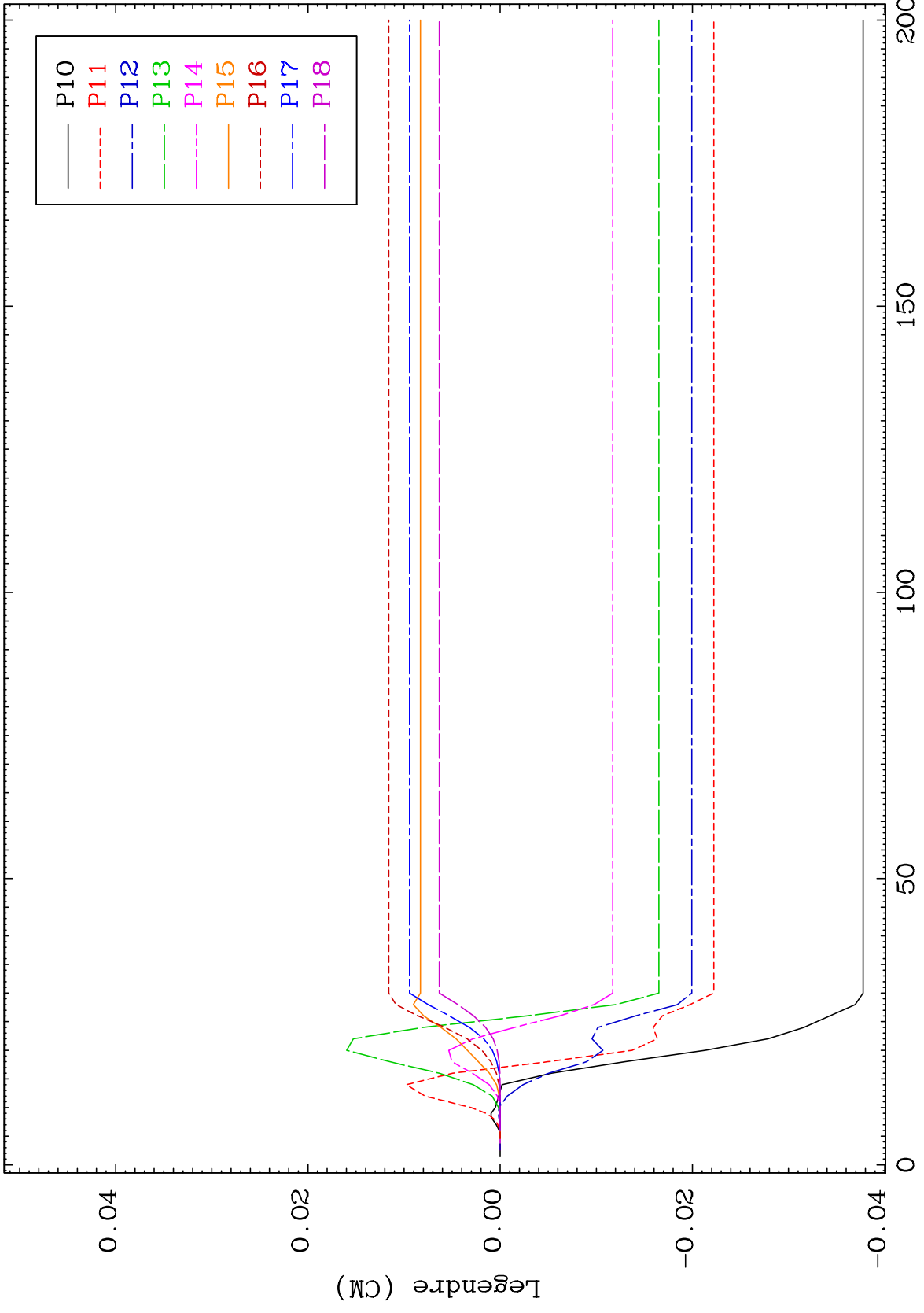
MAT 4040 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-95



26 40-Zr-95

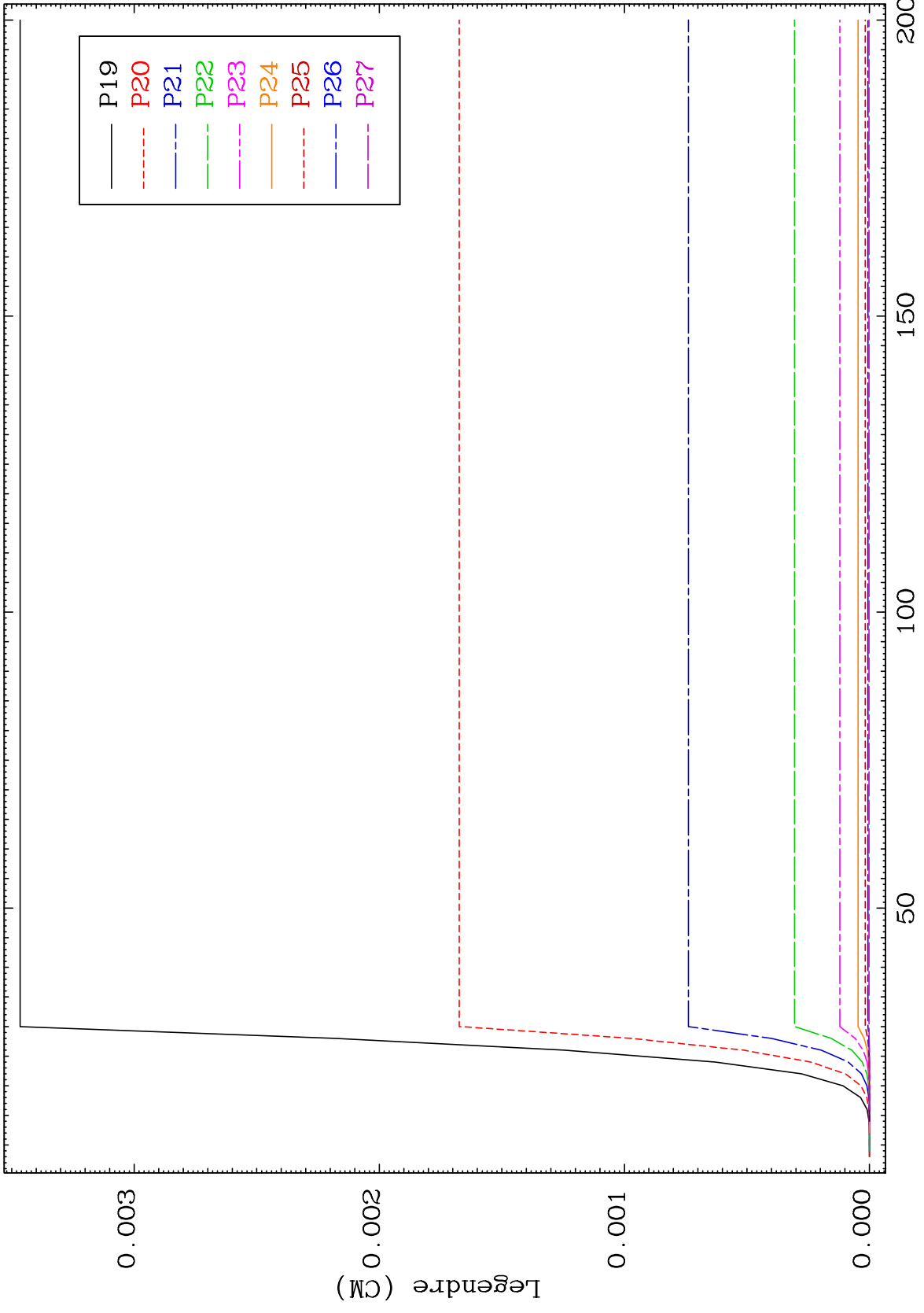


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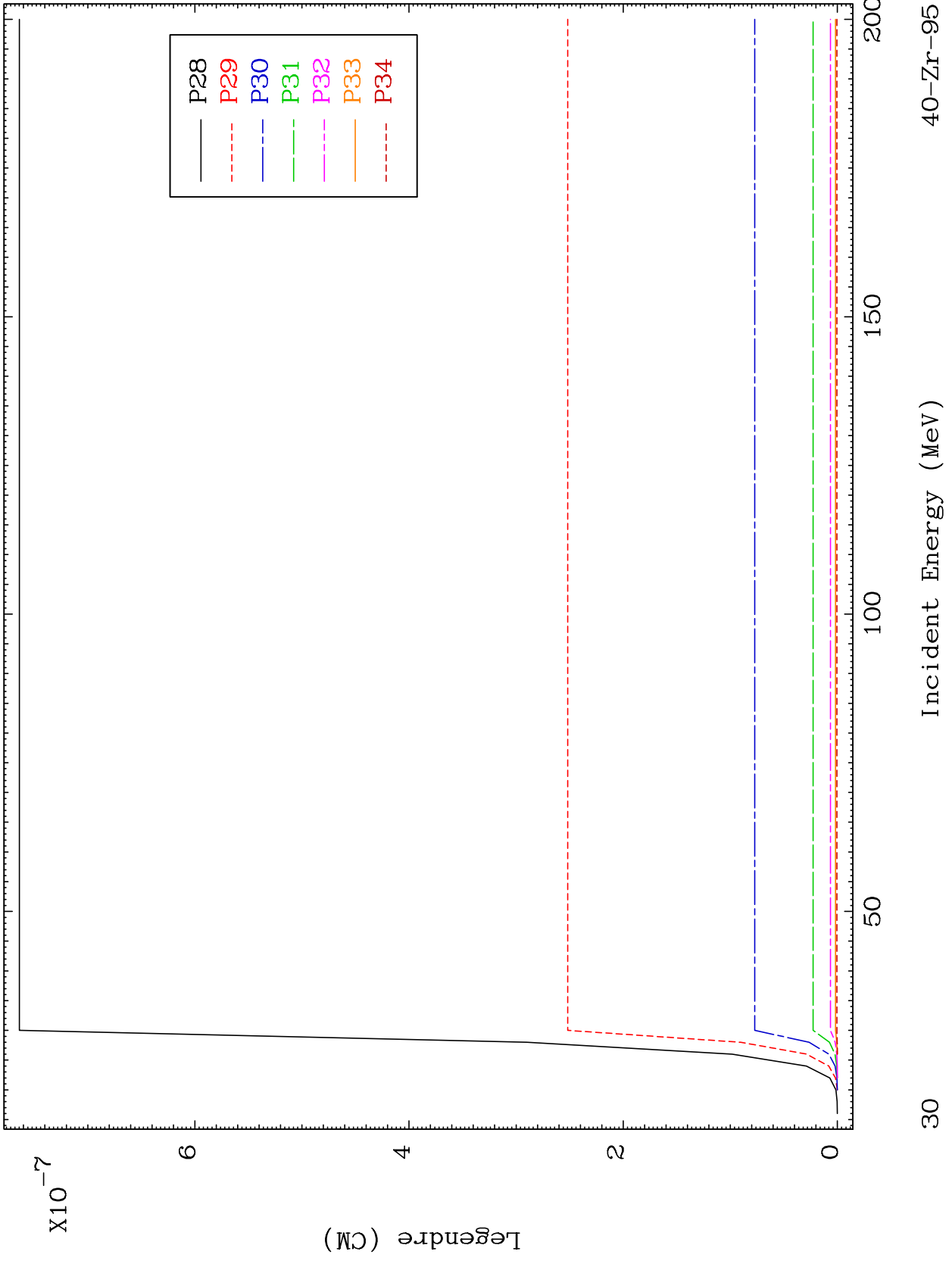


28 Incident Energy (MeV) 40-Zr-95

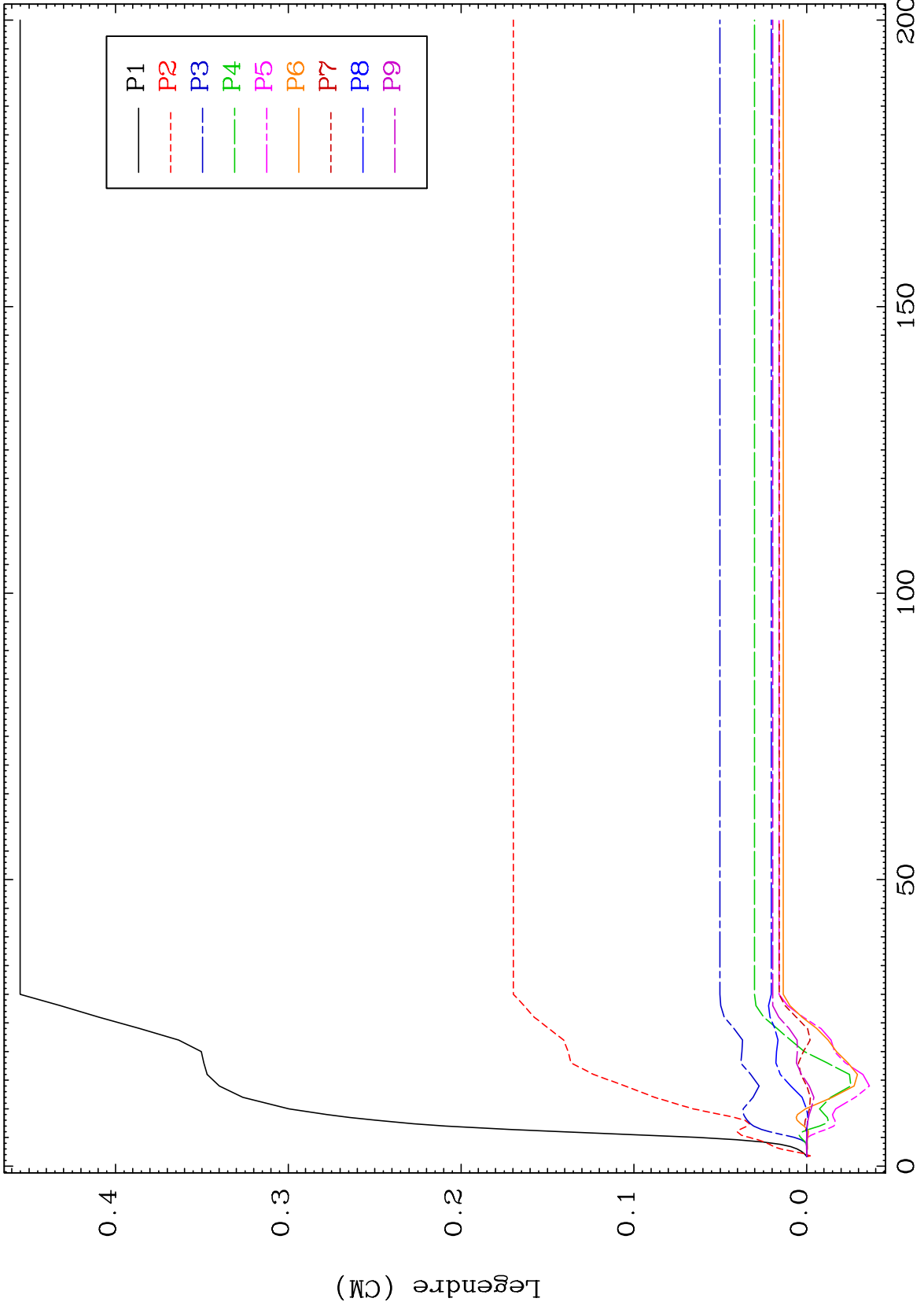
MAT 4040 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-95



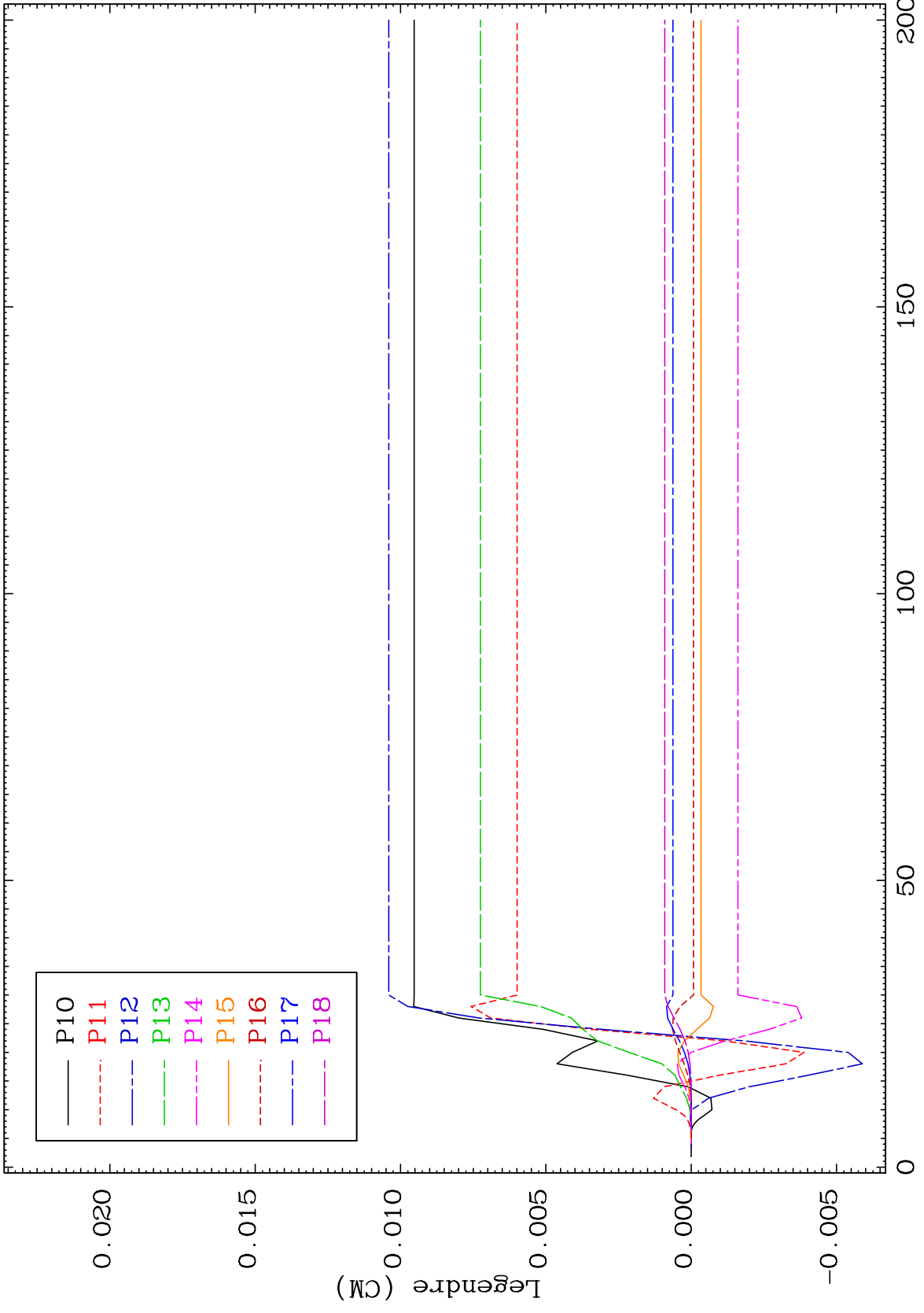
MAT 4040 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-95



MAT 4040 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-95



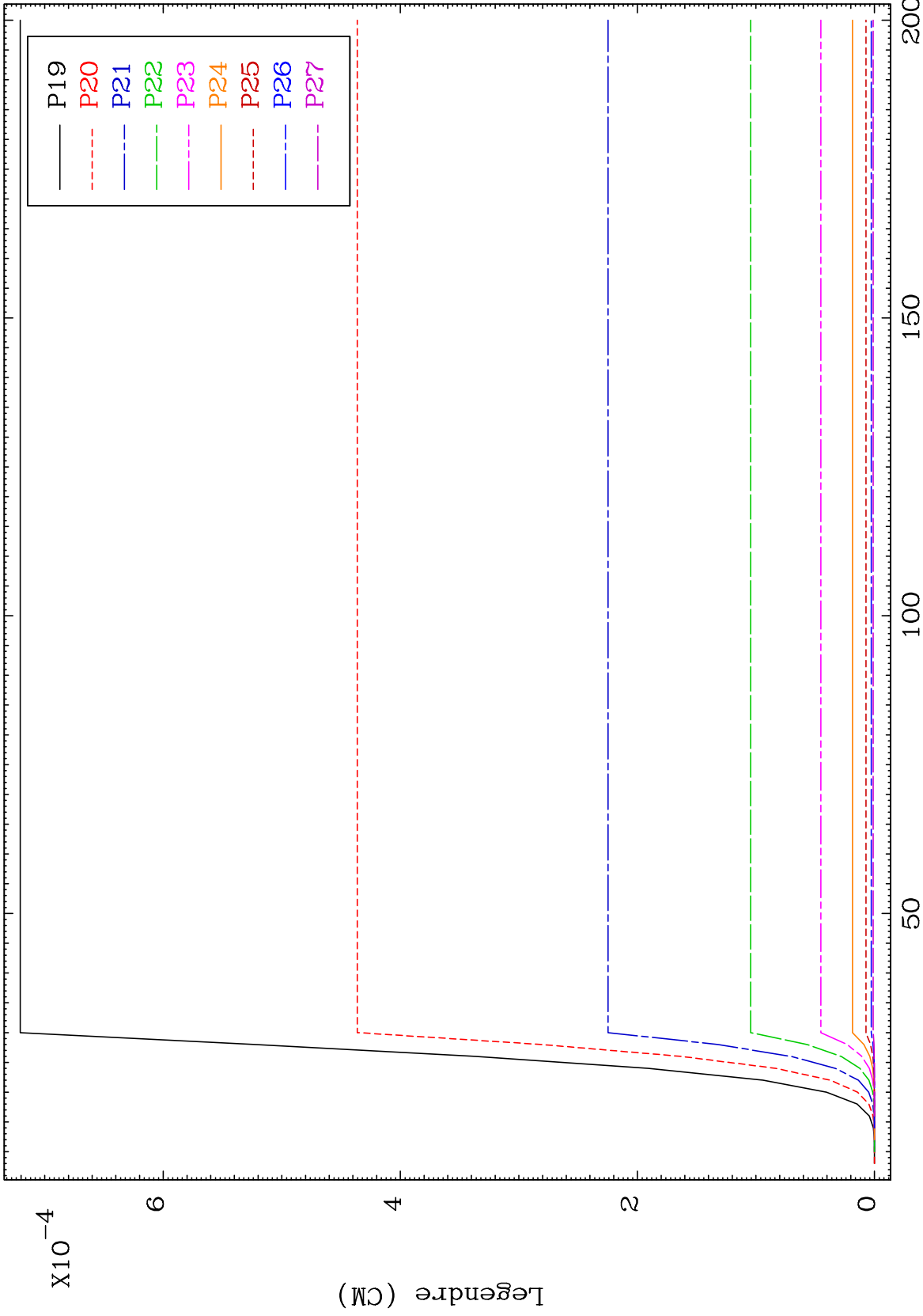
31 40-Zr-95



MAT 4040

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

40-Zr-95

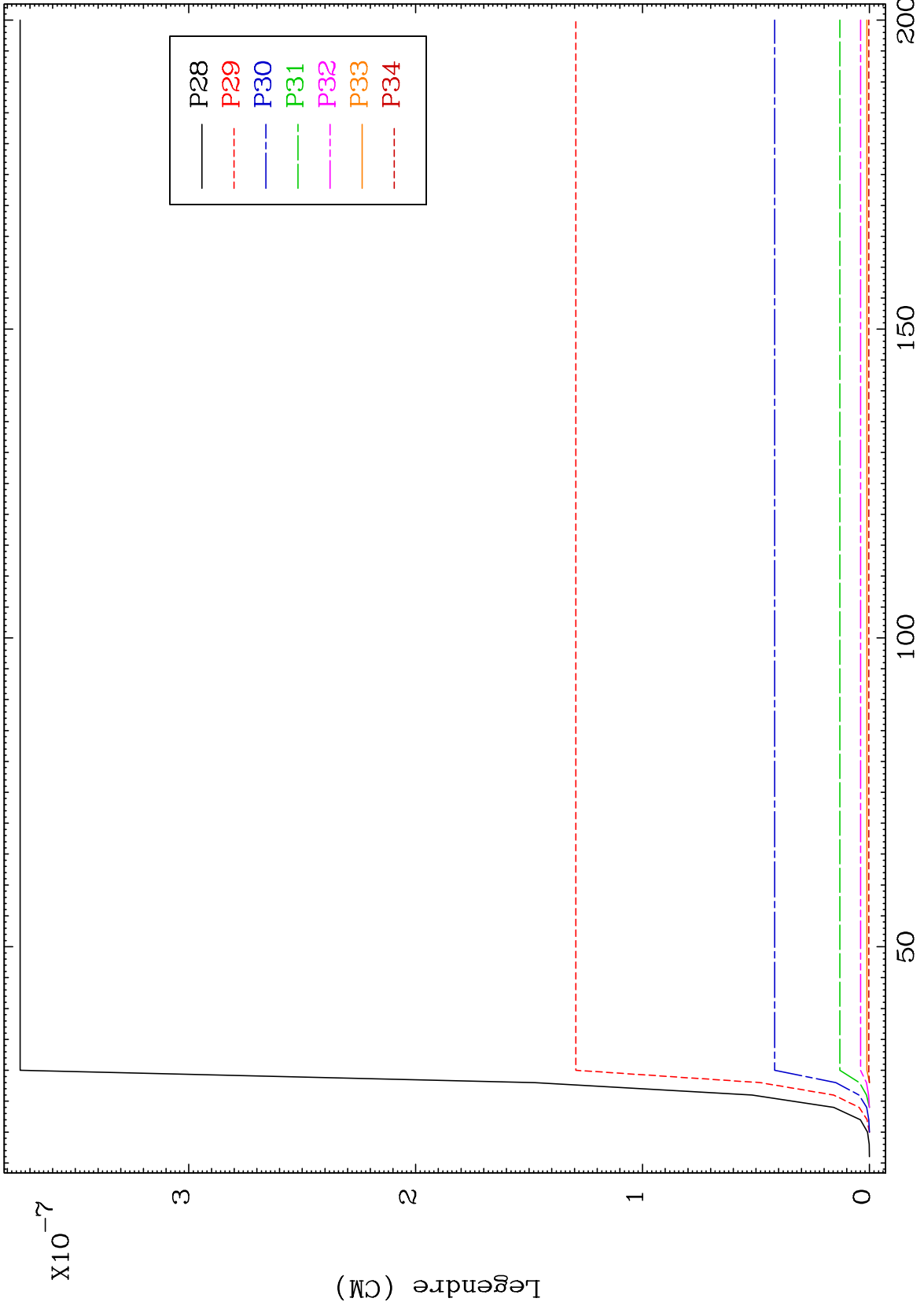


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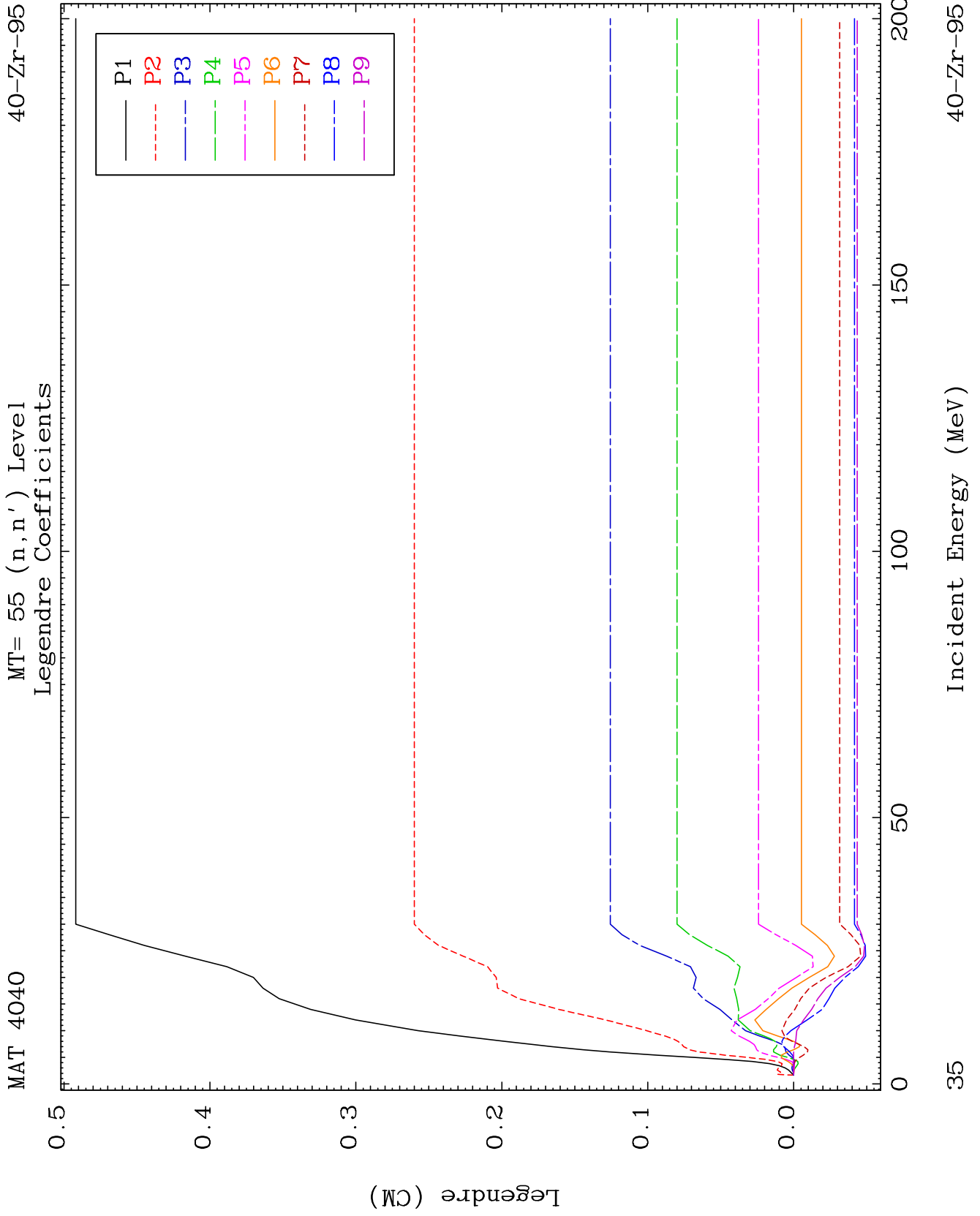
Incident Energy (MeV)

33

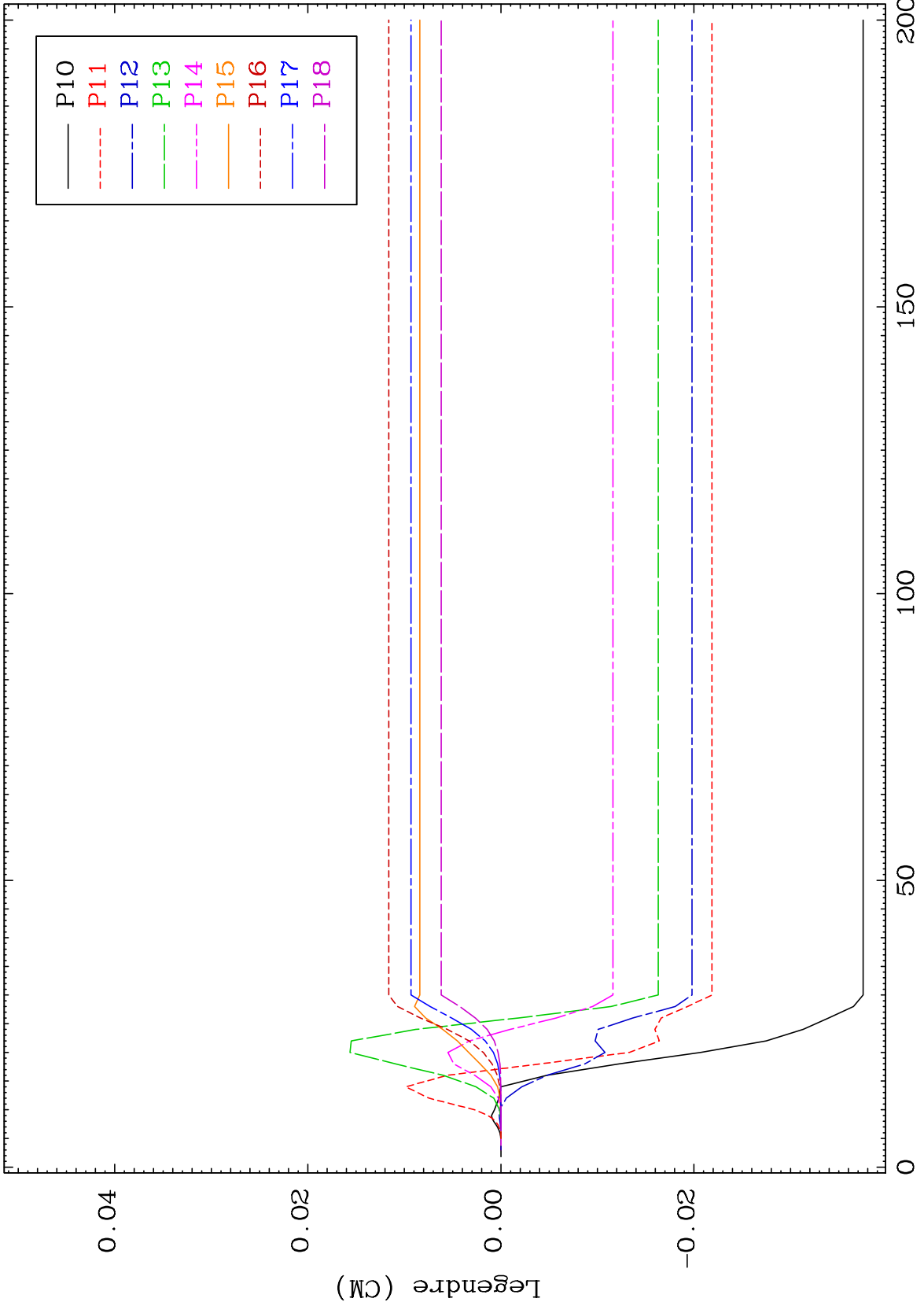
MAT 4040 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-95



34 40-Zr-95

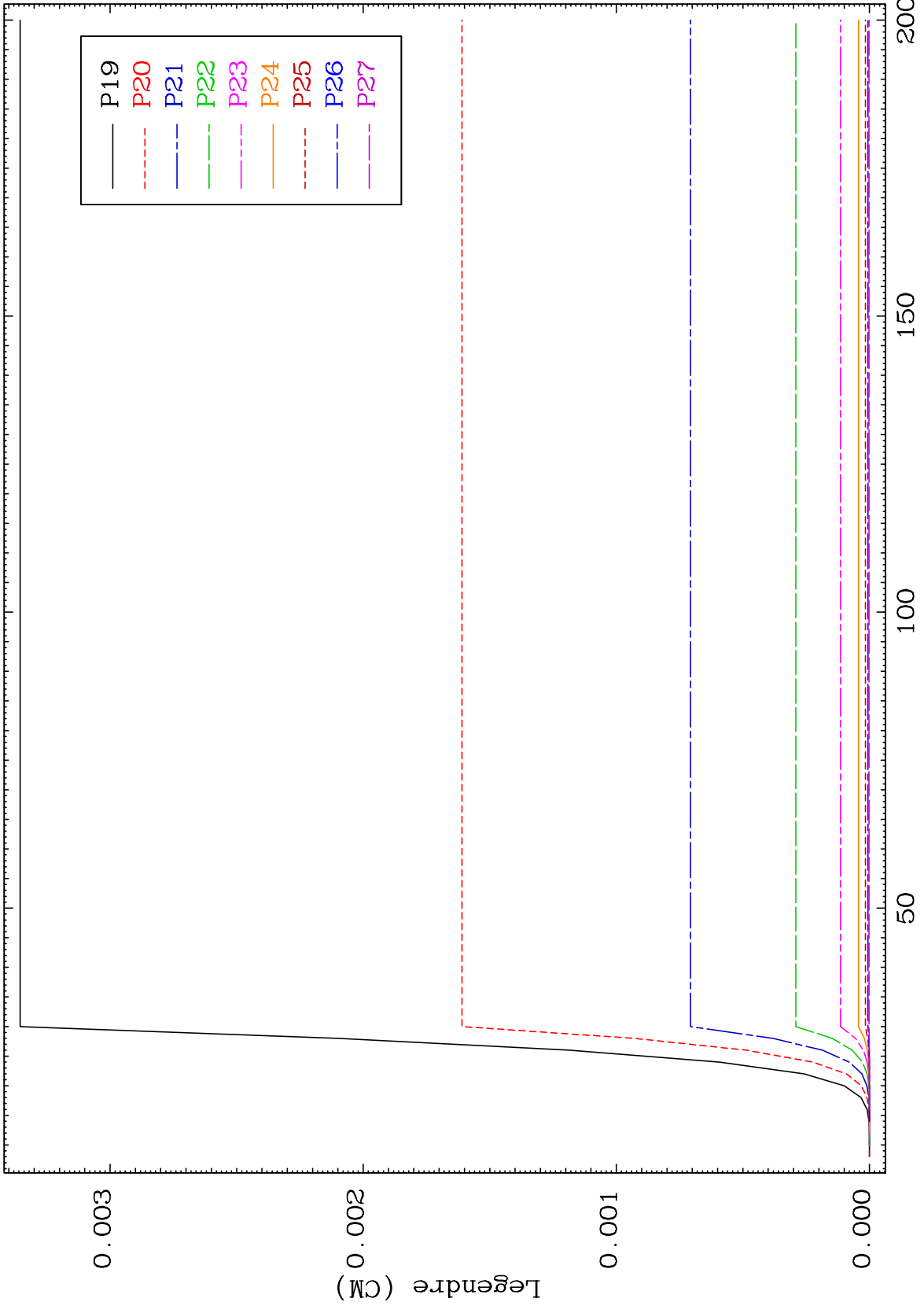


MAT 4040 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-95

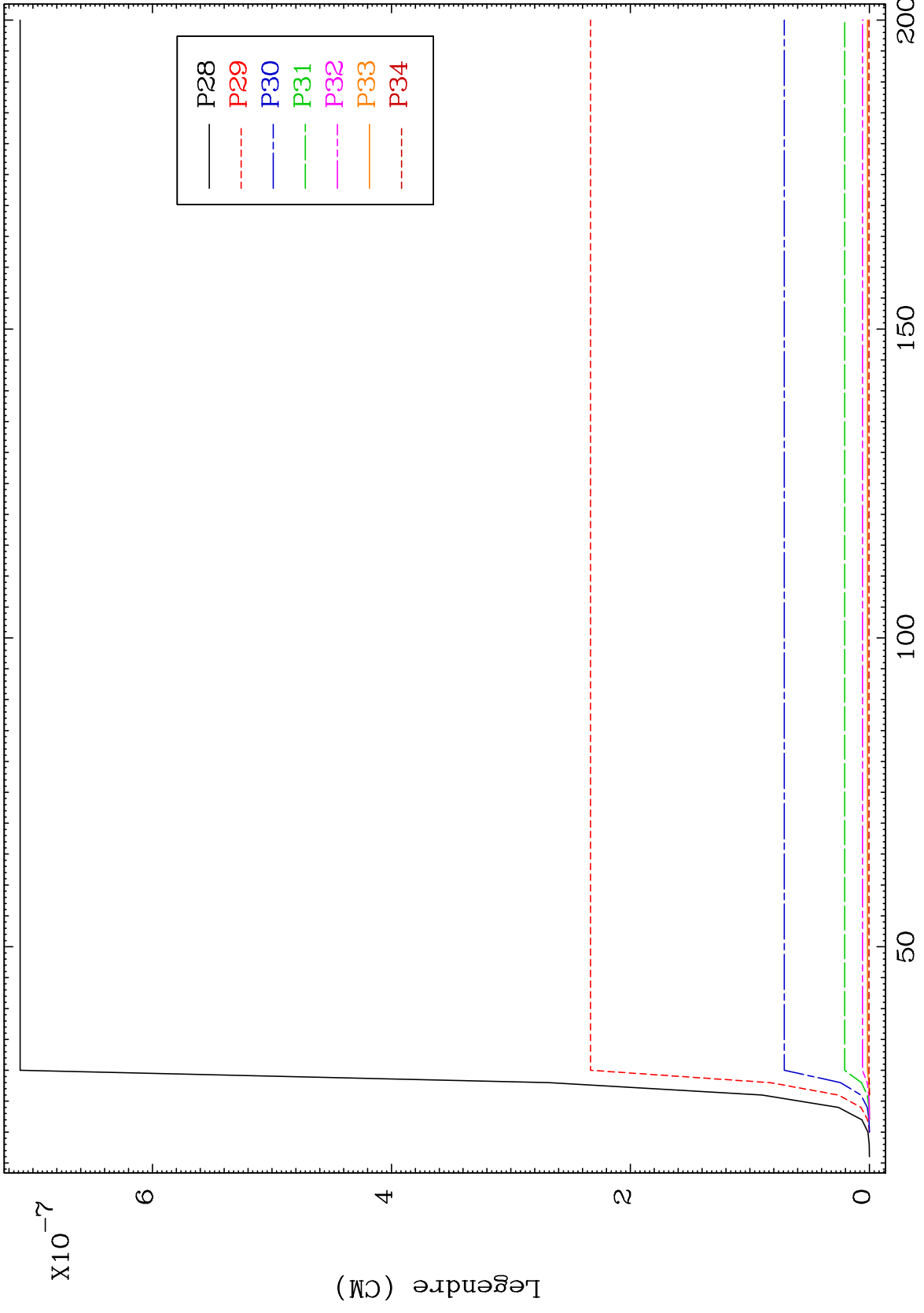


36 Incident Energy (MeV) 40-Zr-95

MAT 4040 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-95



MAT 4040 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-95



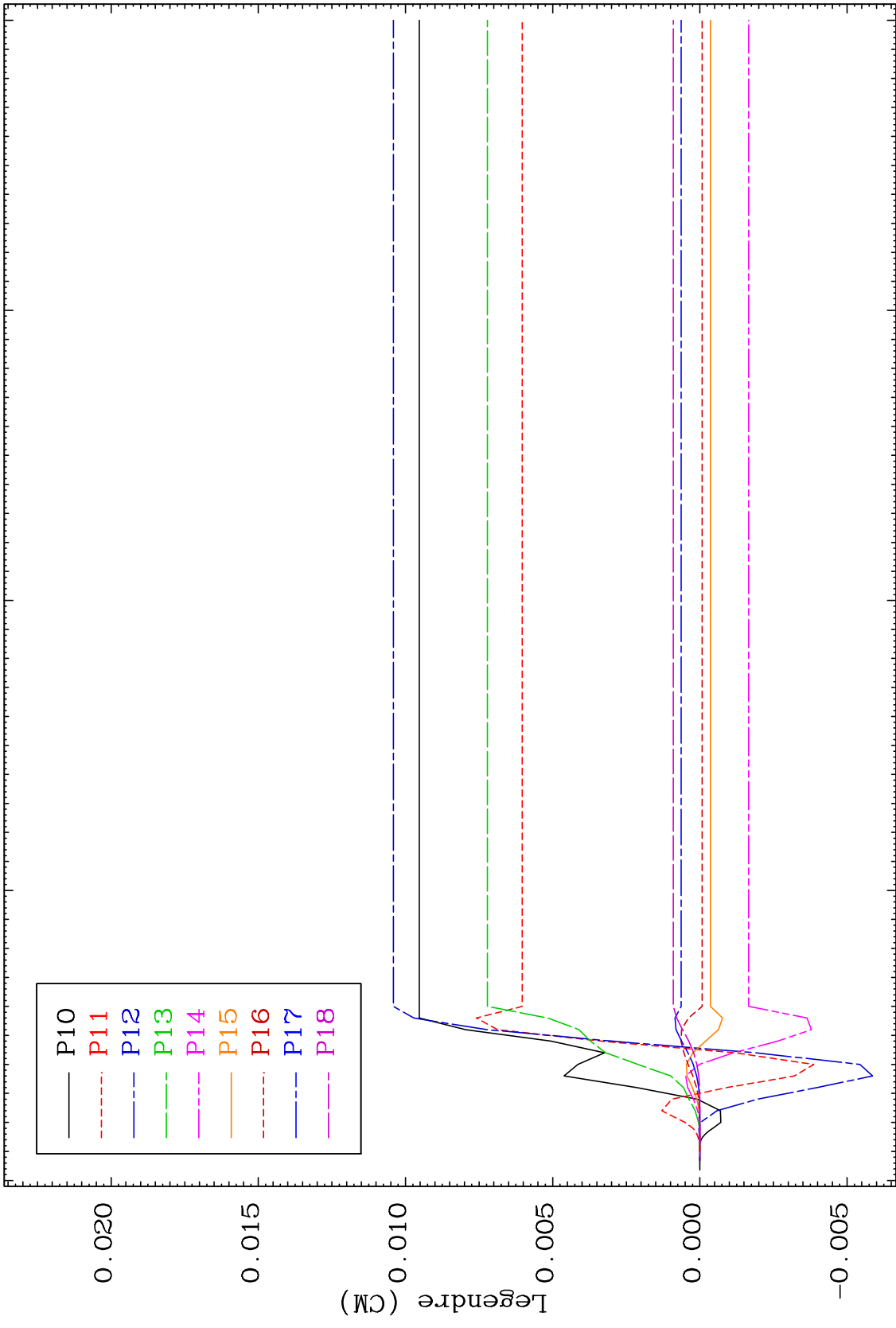
38 40-Zr-95

MAT 4040 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-95

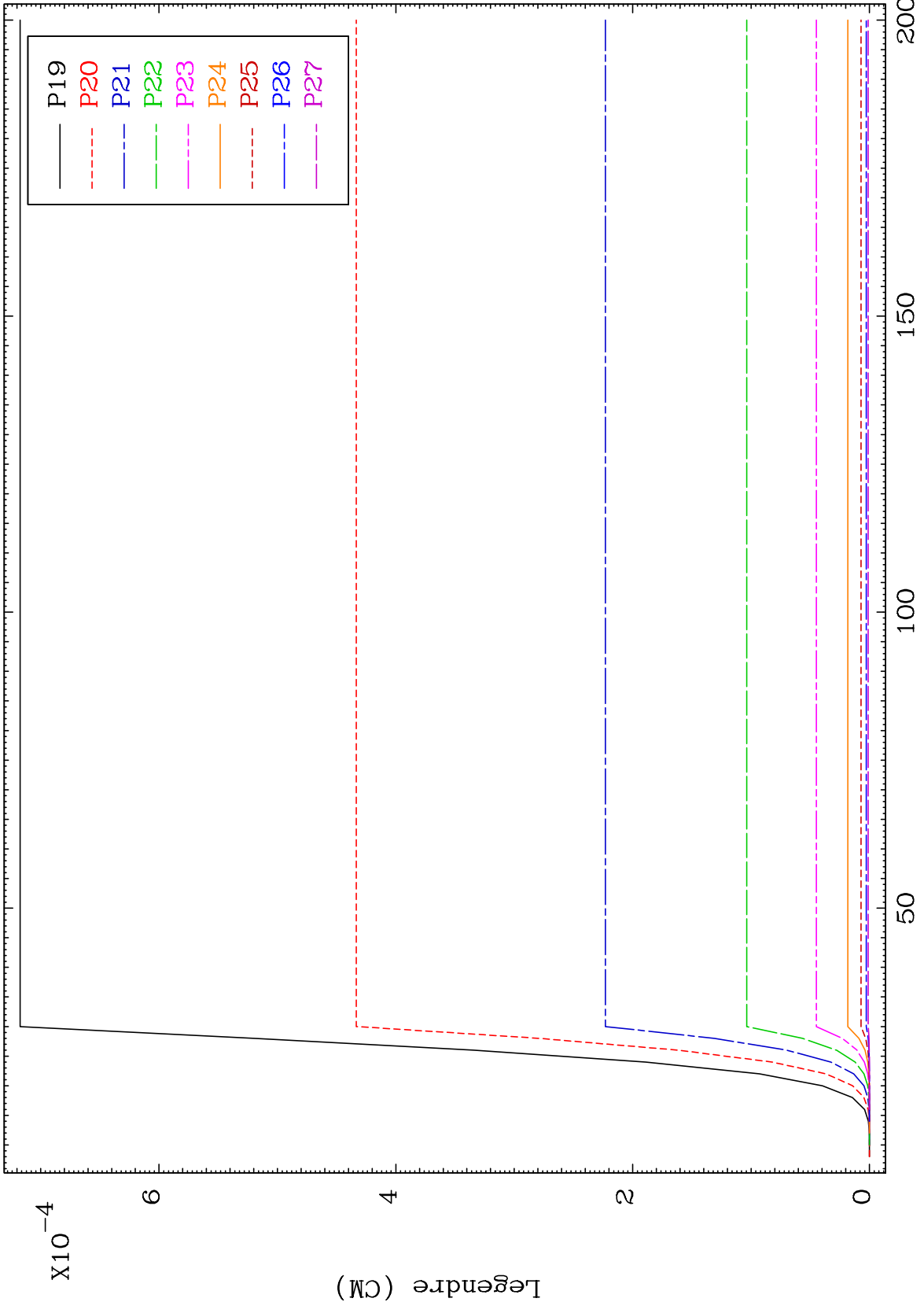


39 Incident Energy (MeV) 40-Zr-95

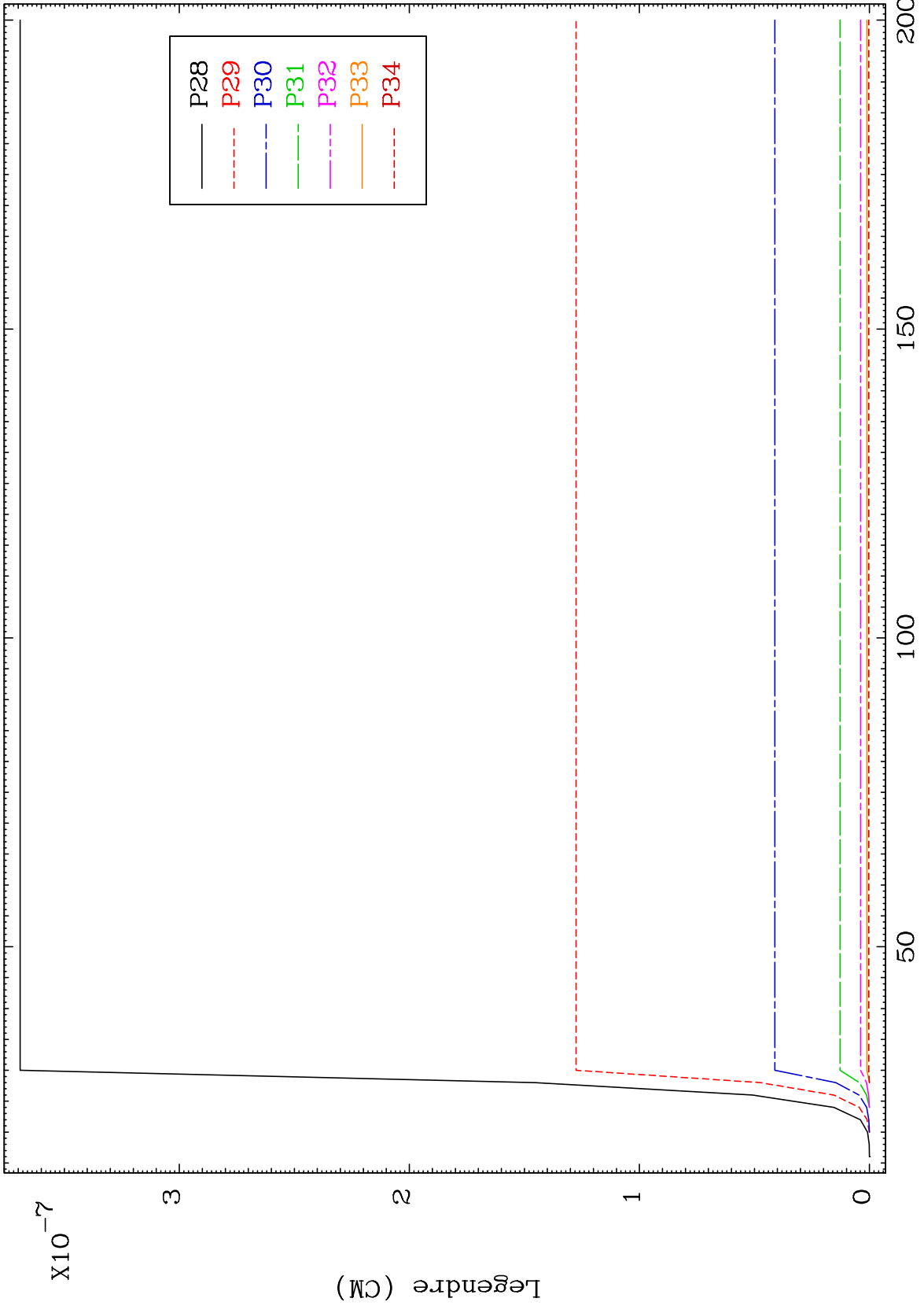
MAT 4040 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-95



40-Zr-95

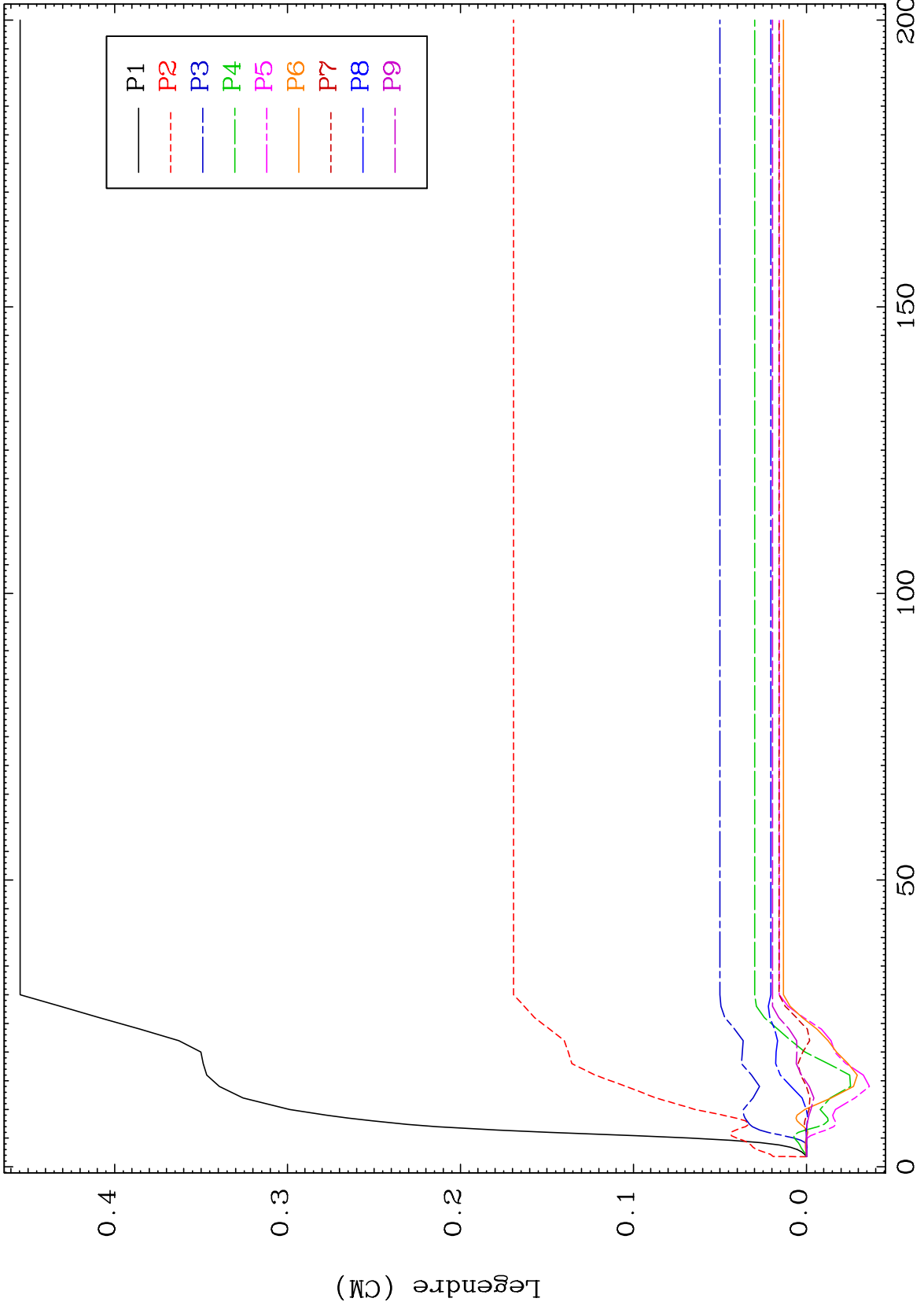


MAT 4040 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-95



42 50 100 150 200 40-Zr-95

MAT 4040 MT= 57 (n,n') Level Legendre Coefficients 40-Zr-95

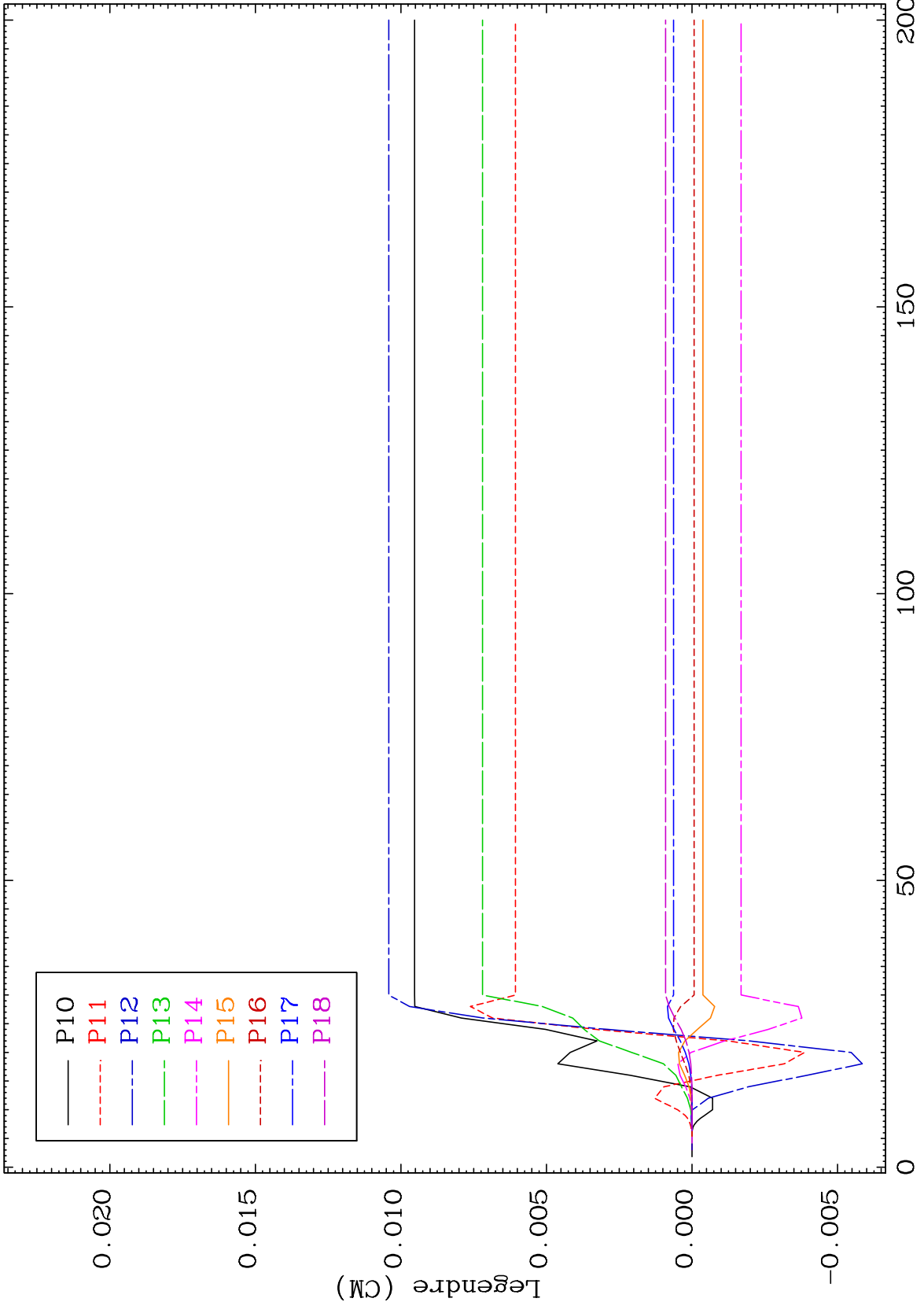


43 Incident Energy (MeV) 40-Zr-95

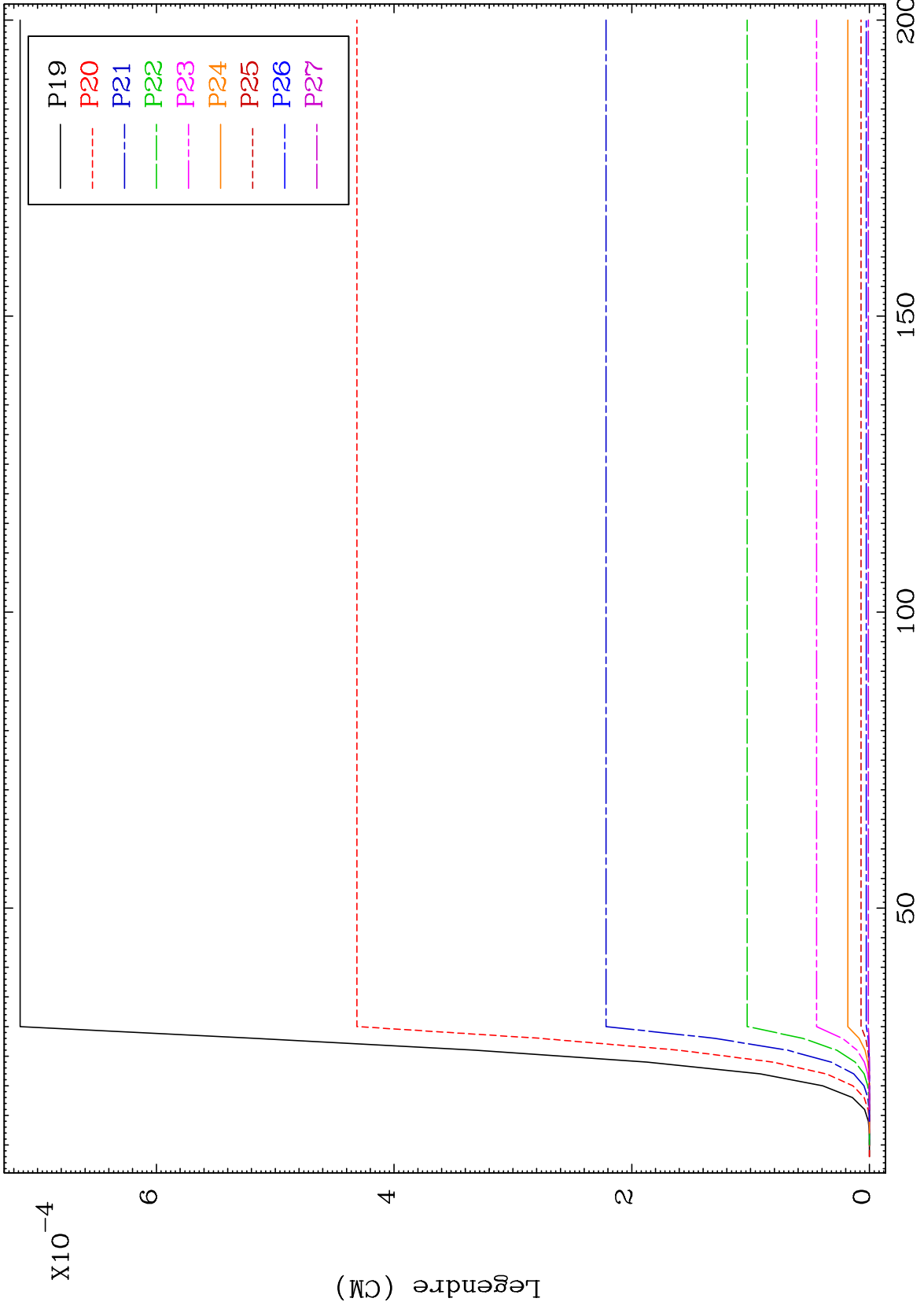
MAT 4040

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

40-Zr-95

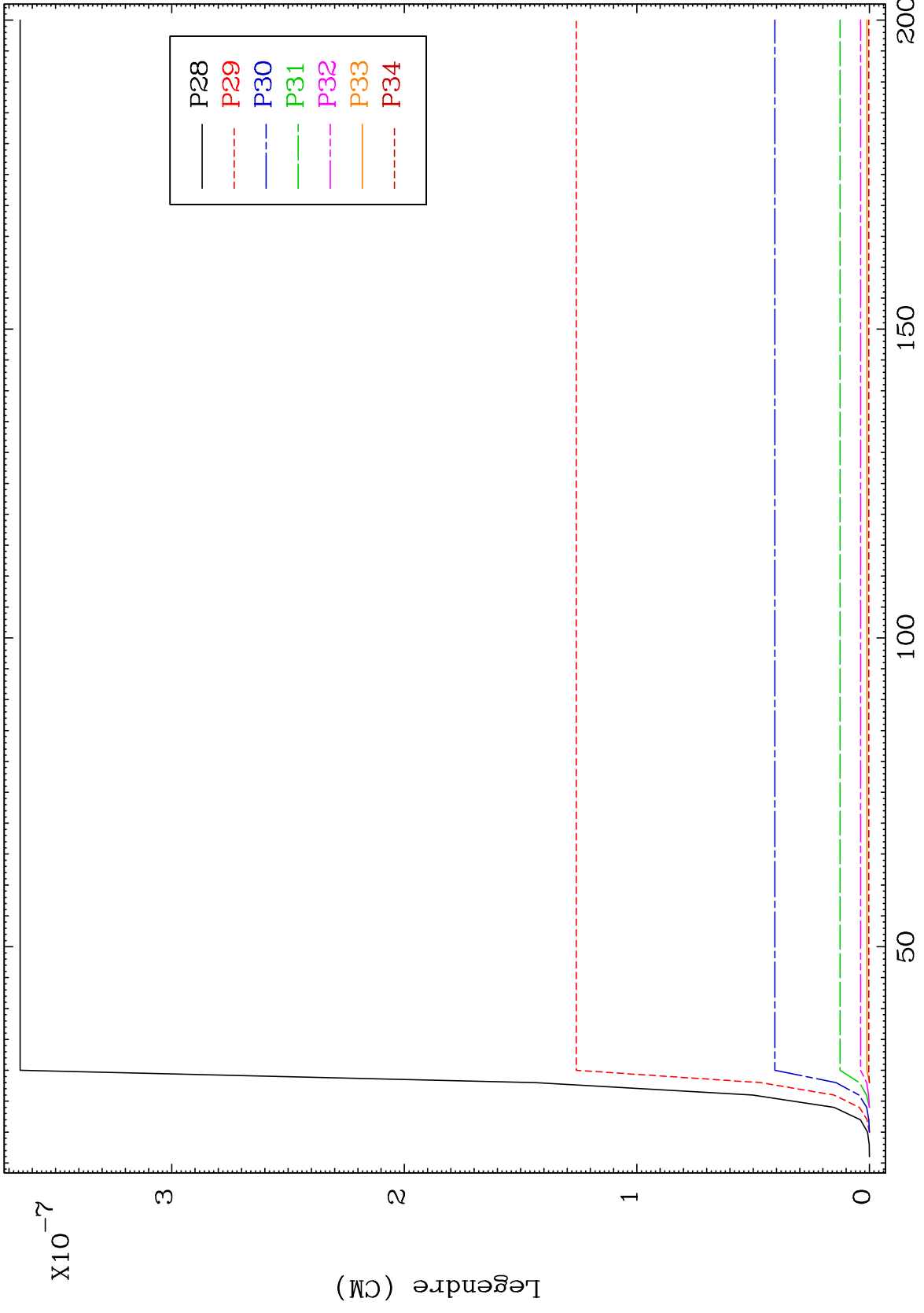


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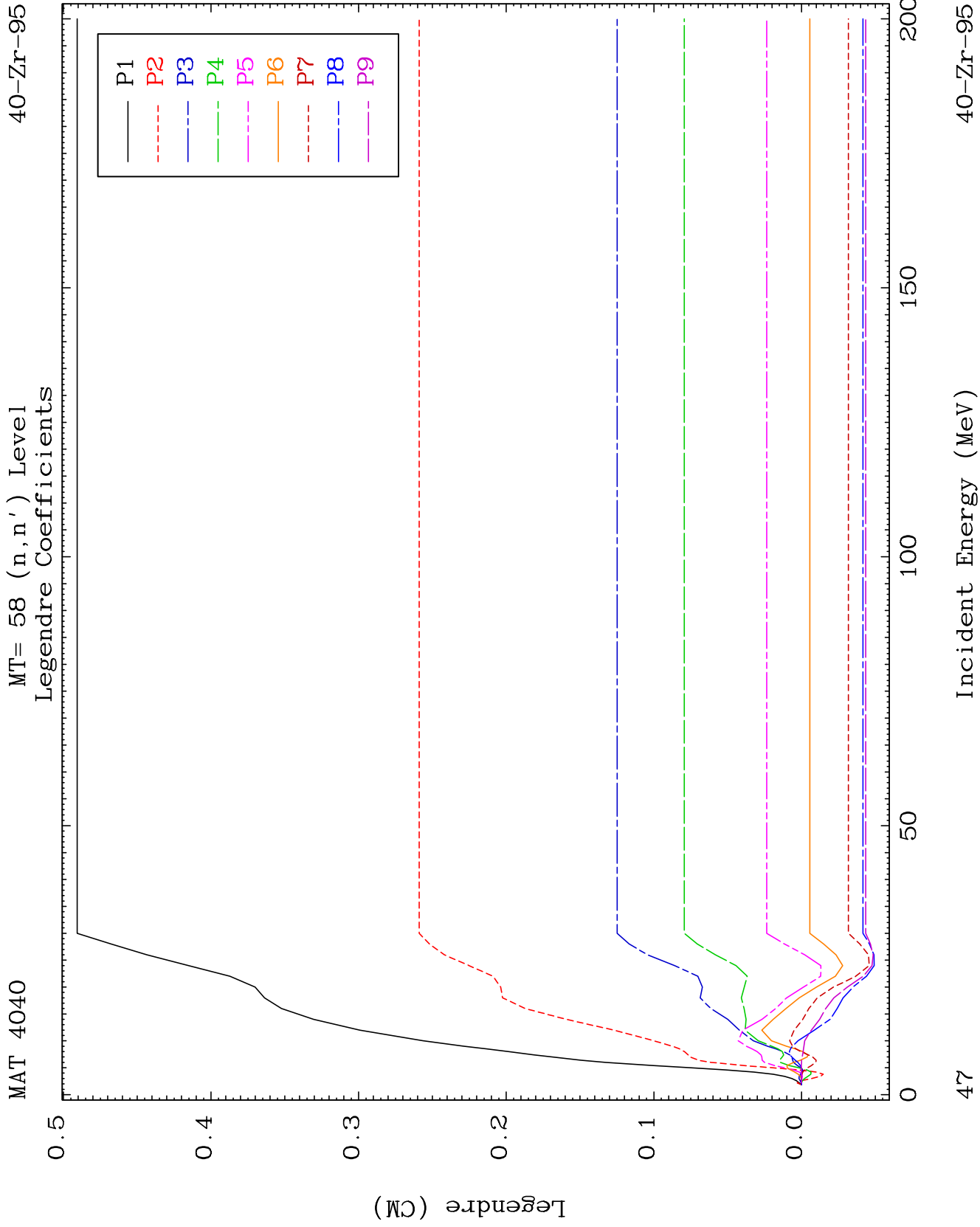


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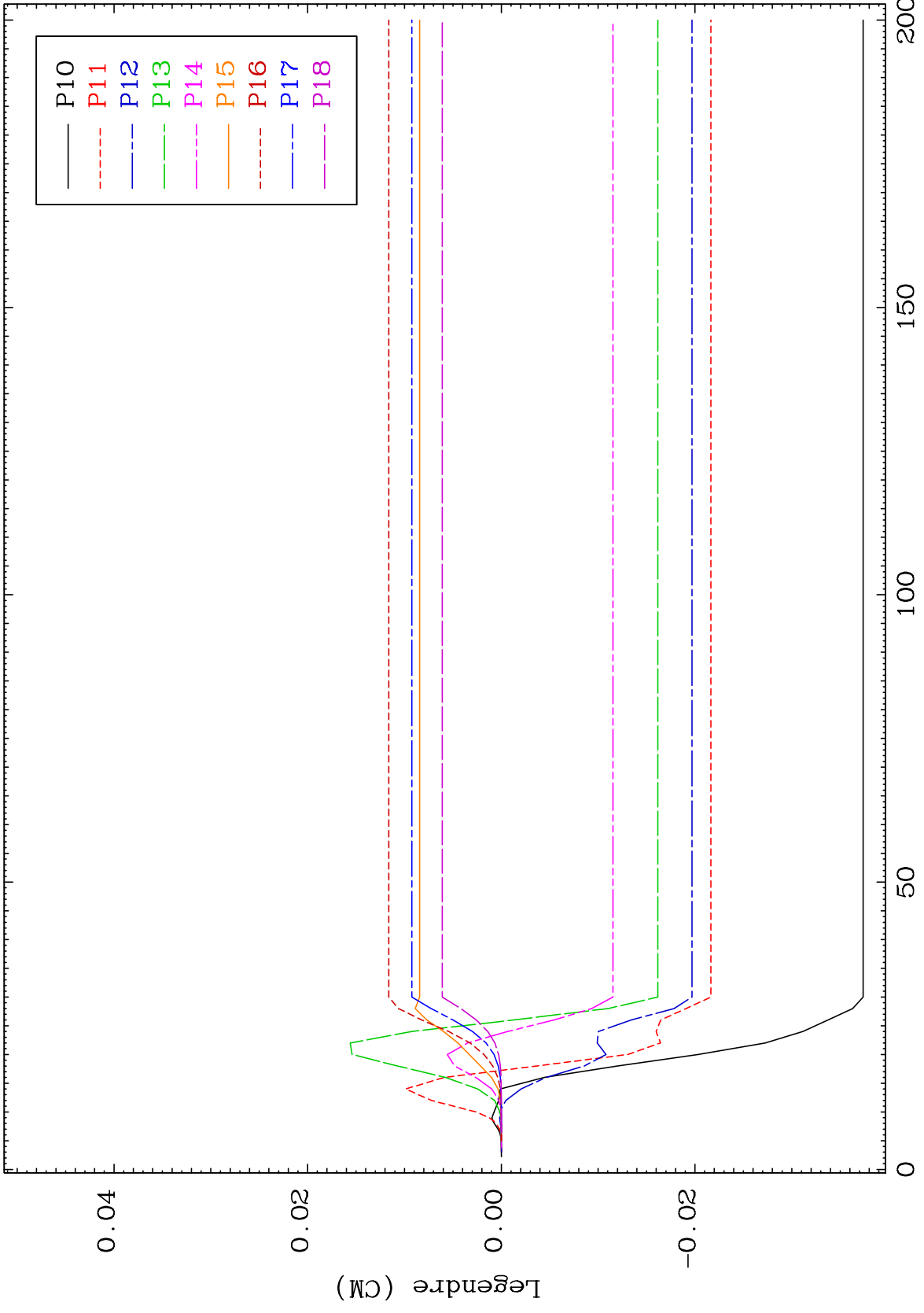
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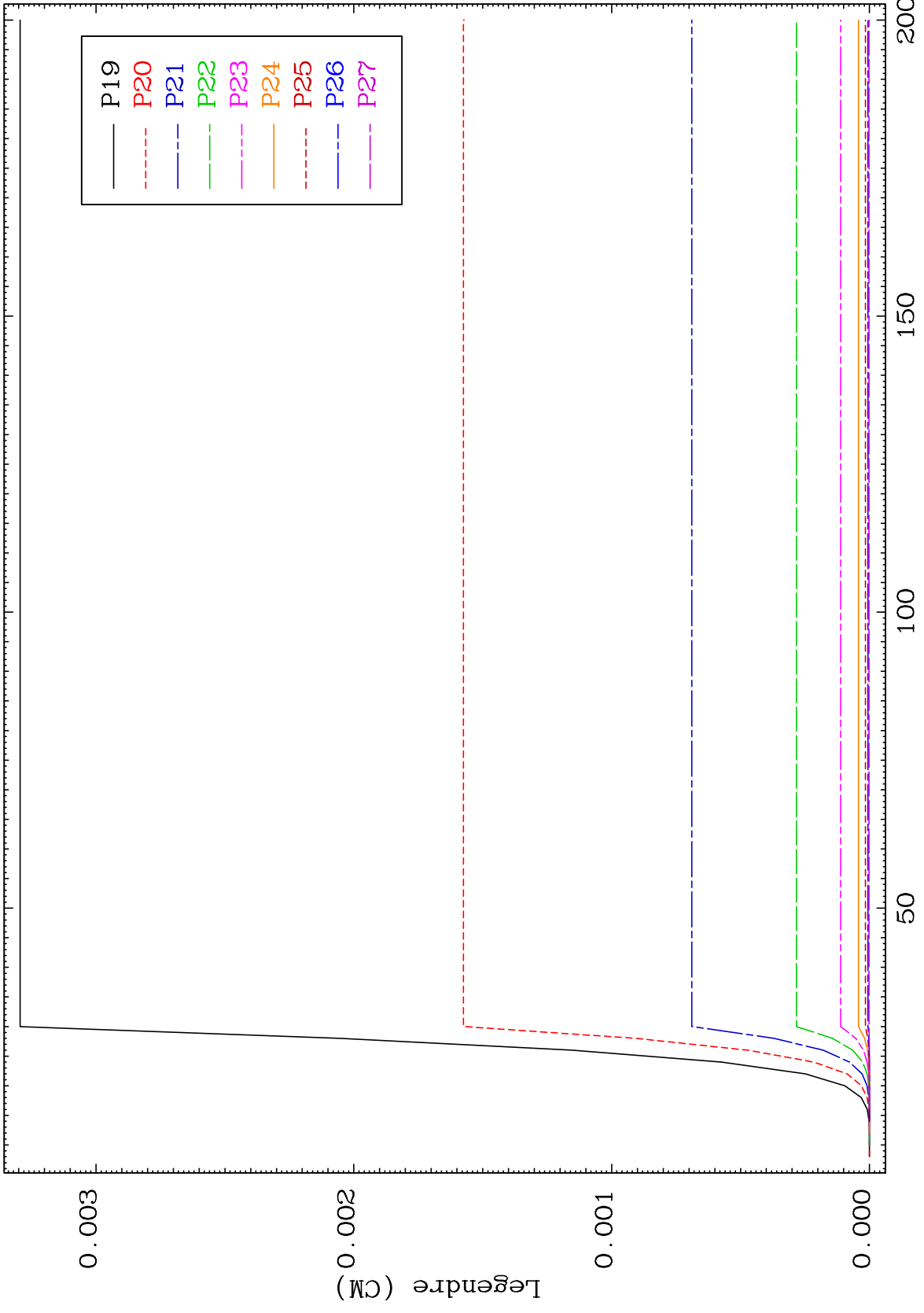


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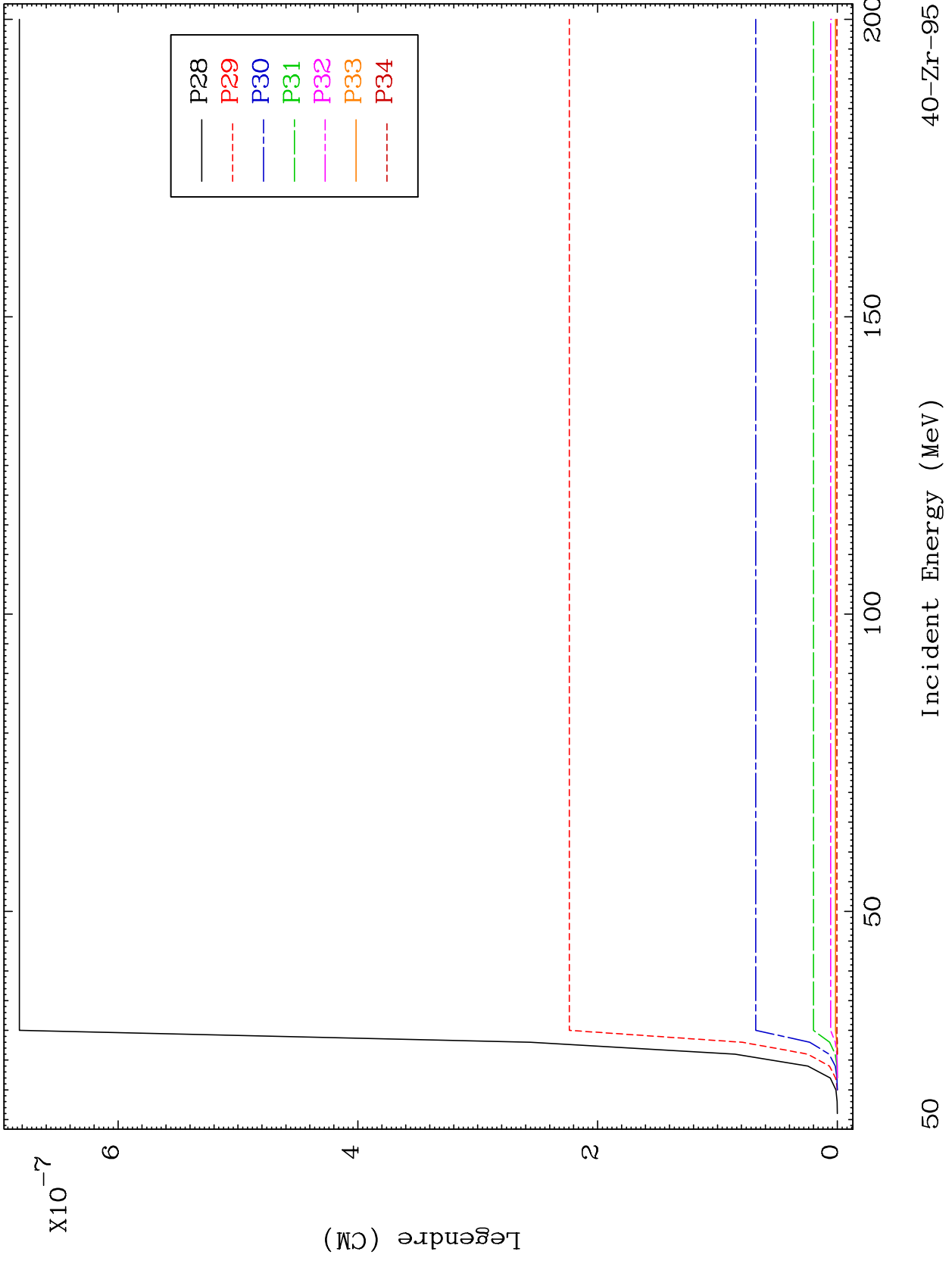
48 40-Zr-95

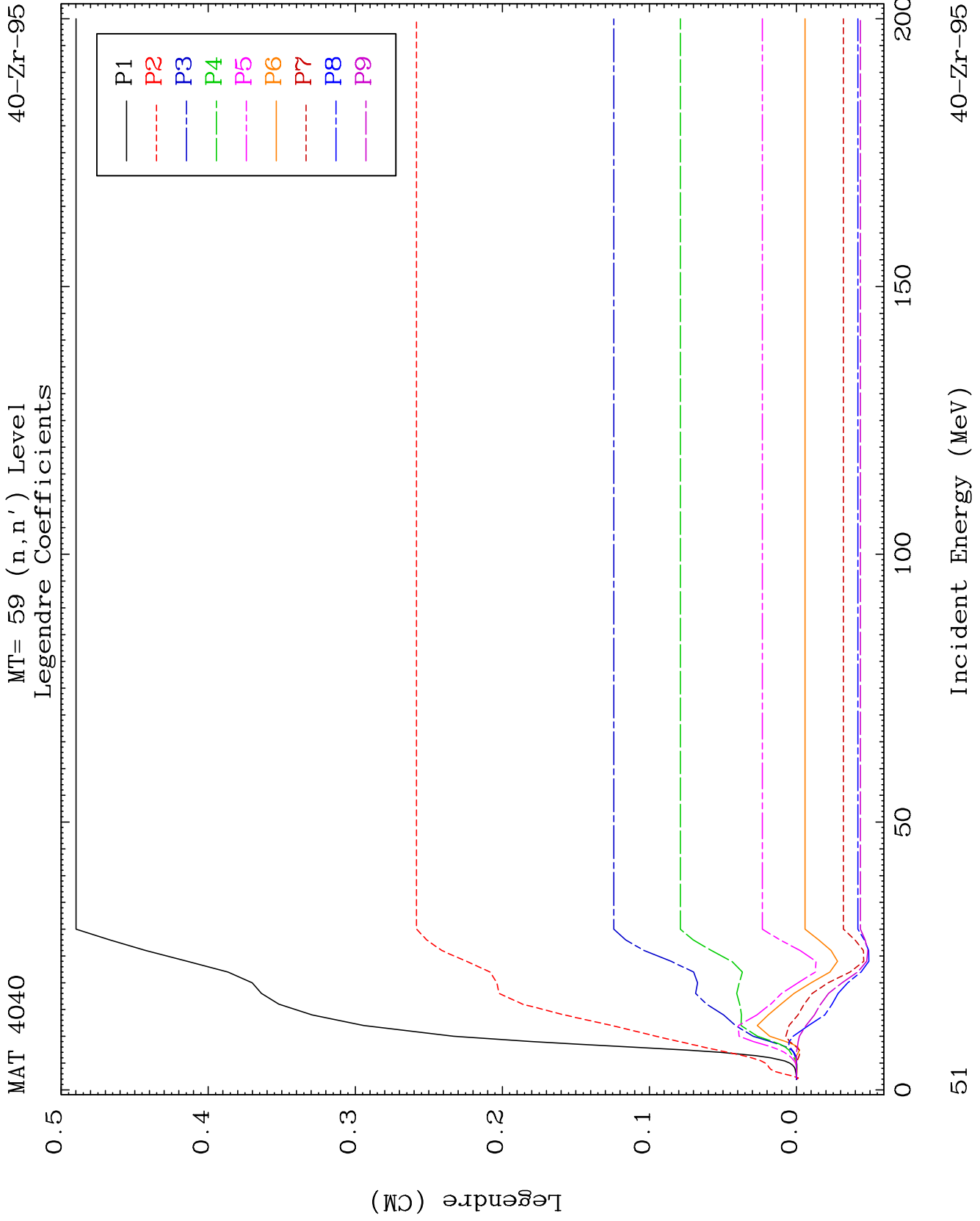
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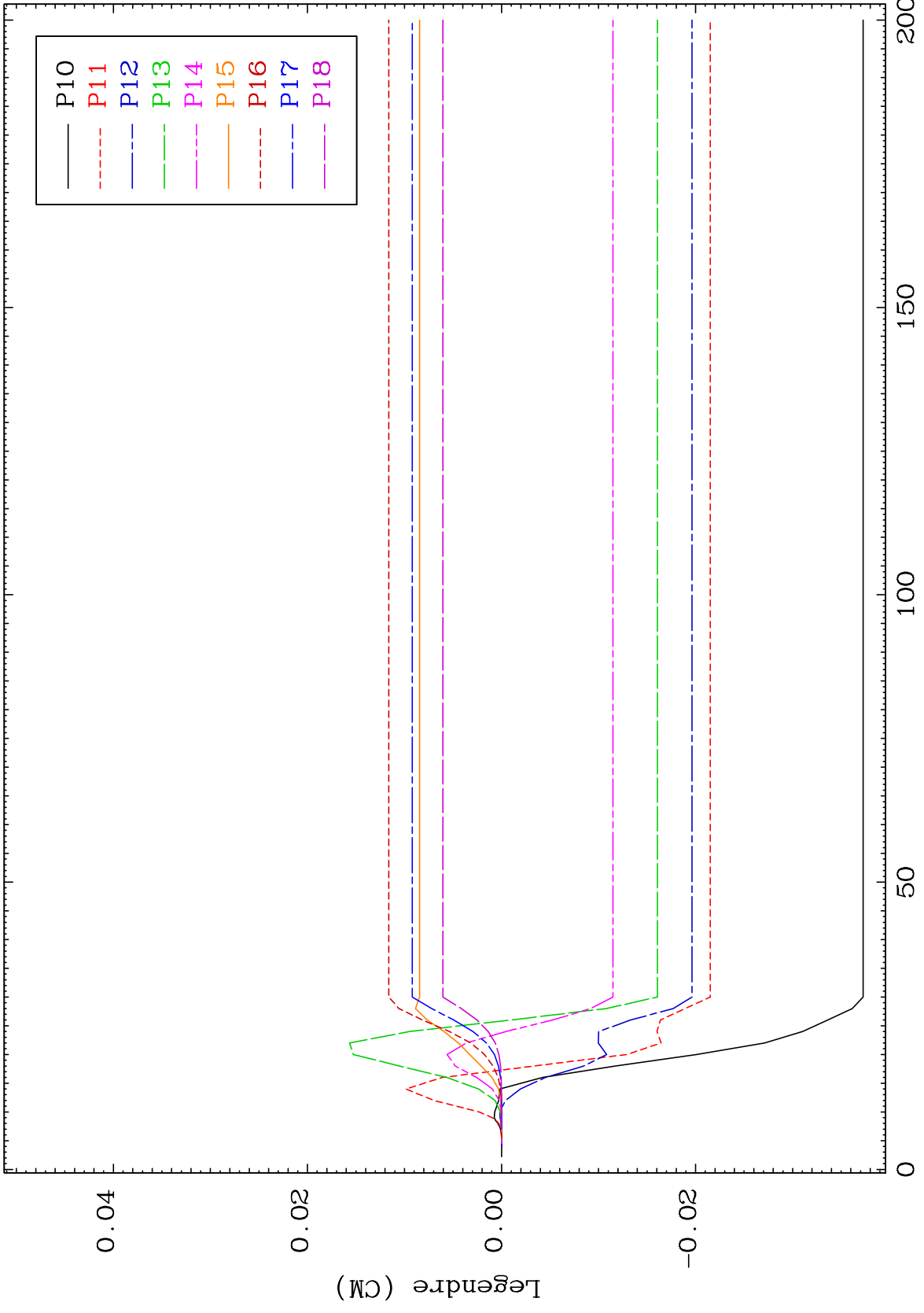
49 Incident Energy (MeV) 40-Zr-95

MAT 4040 MT= 58 (n,n') Level Legendre Coefficients 40-Zr-95



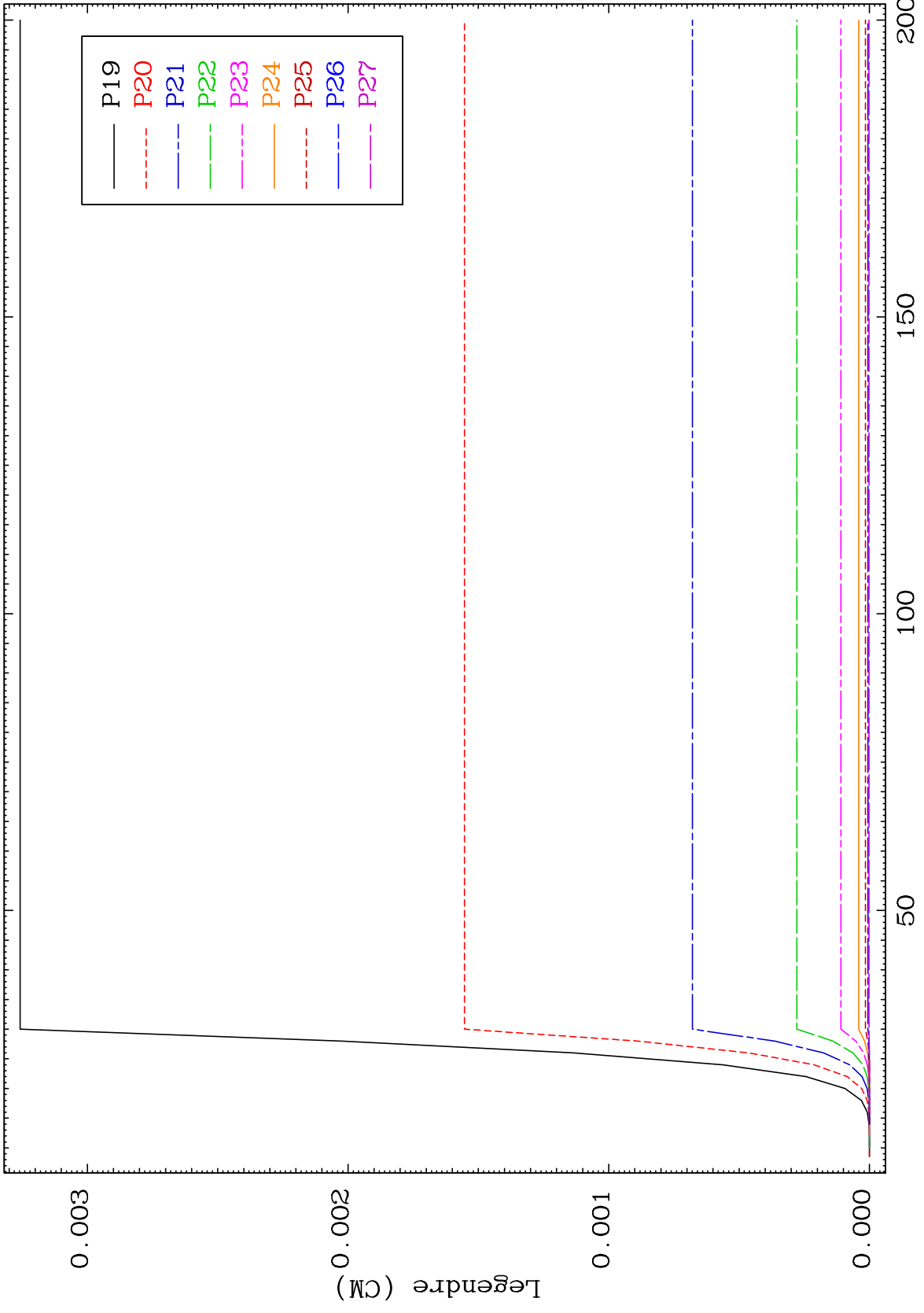


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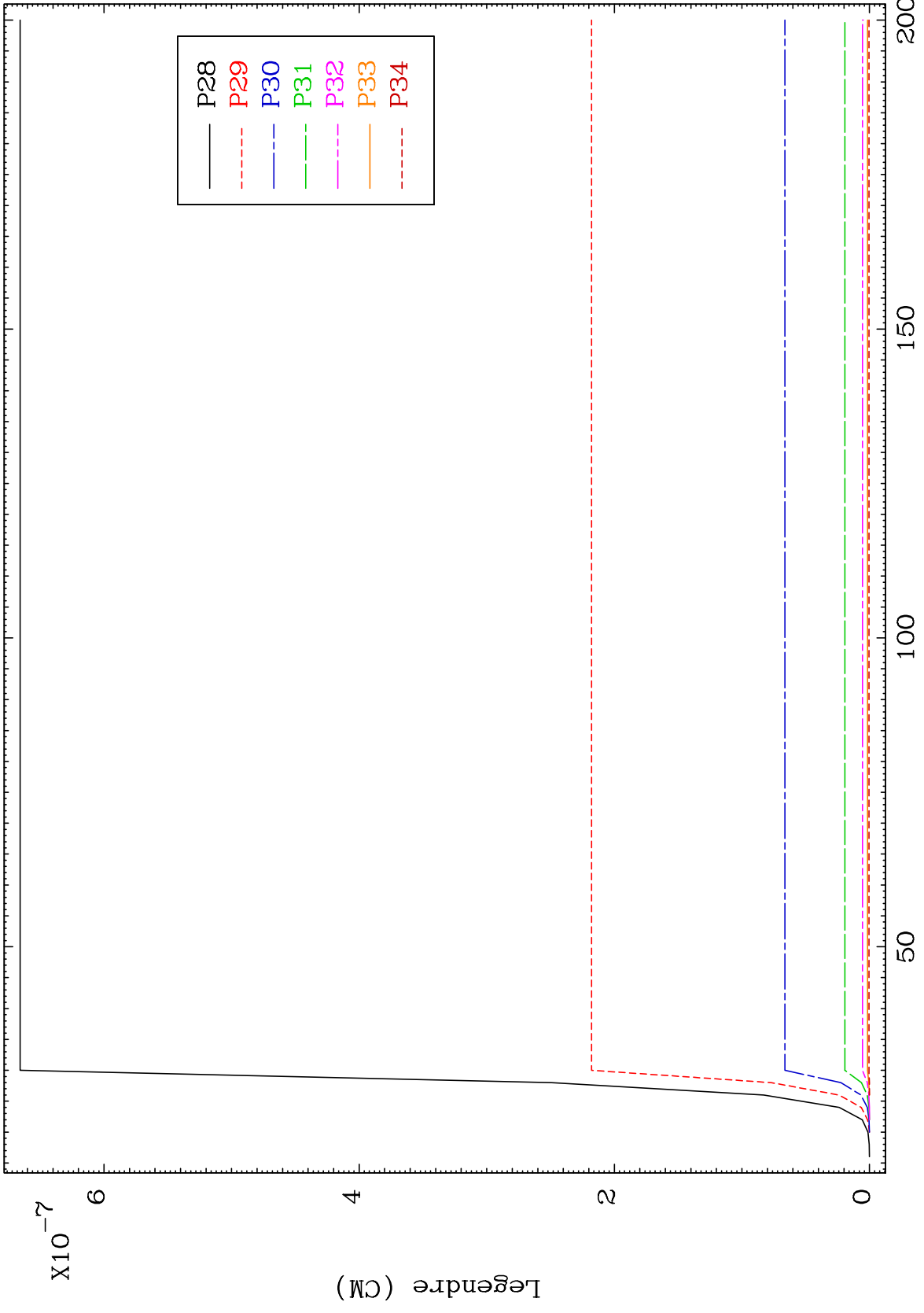


52 40-Zr-95

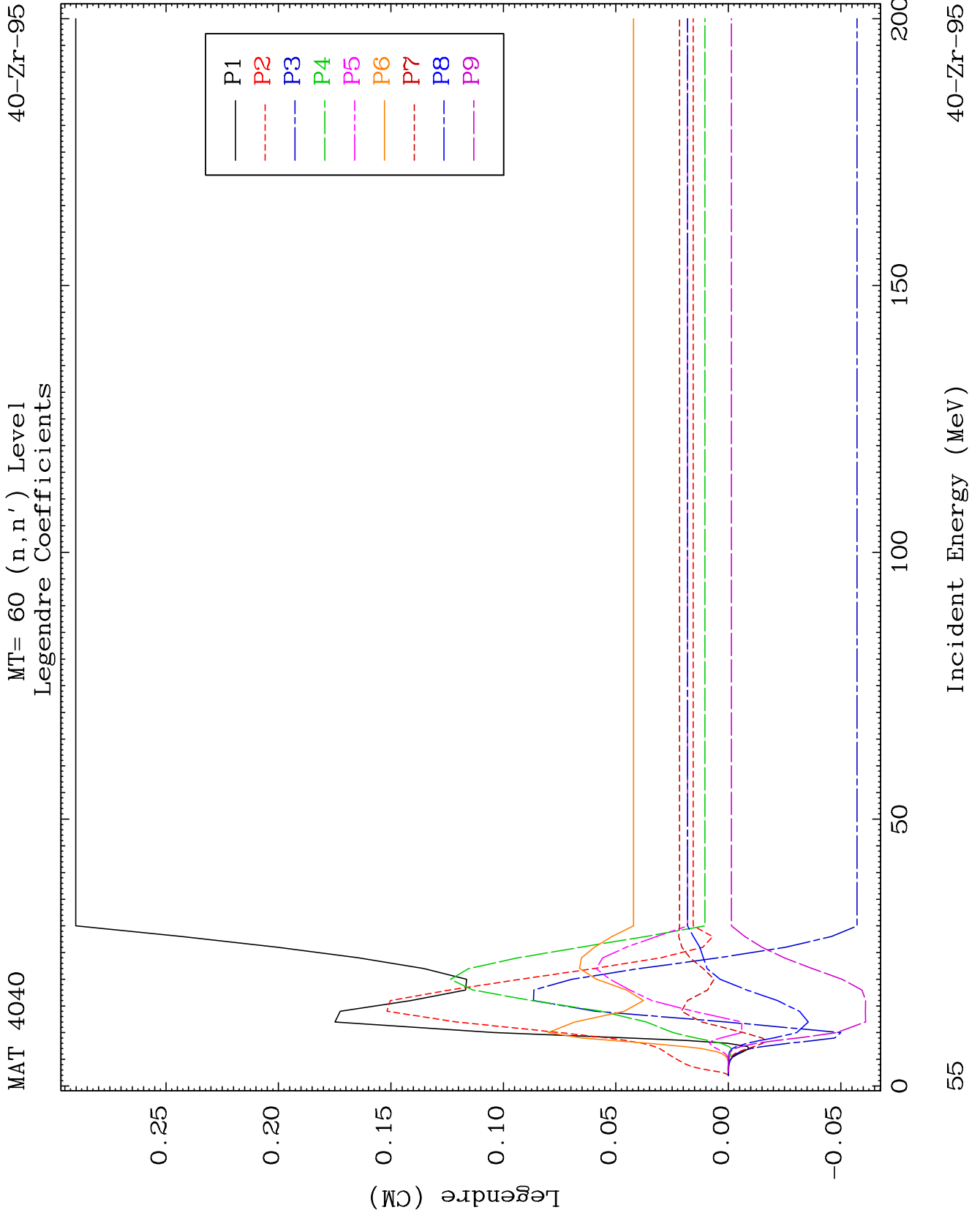
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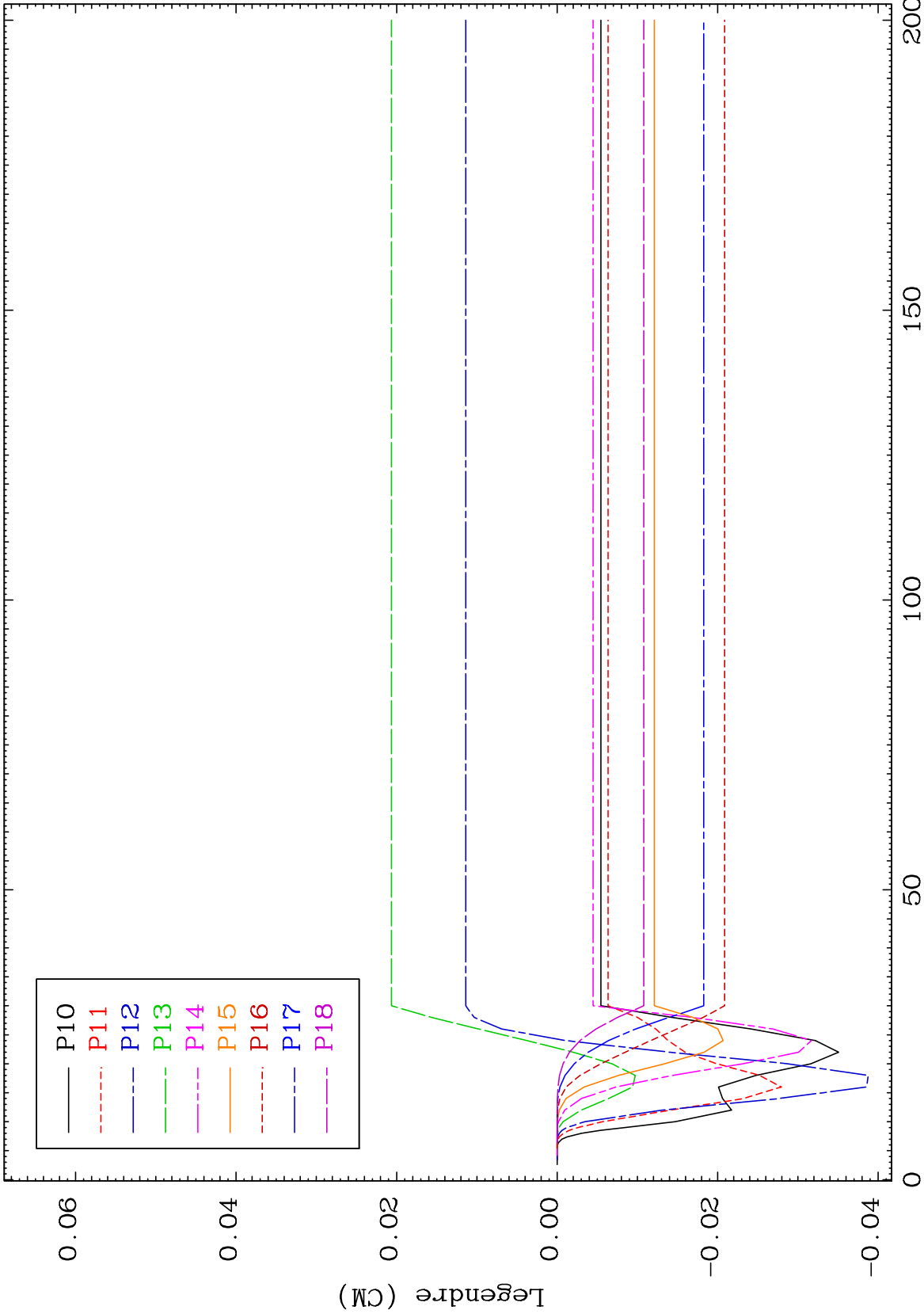
MAT 4040 MT= 59 (n,n') Level Legendre Coefficients 40-Zr-95



54 Incident Energy (MeV) 40-Zr-95



MAT 4040 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-95

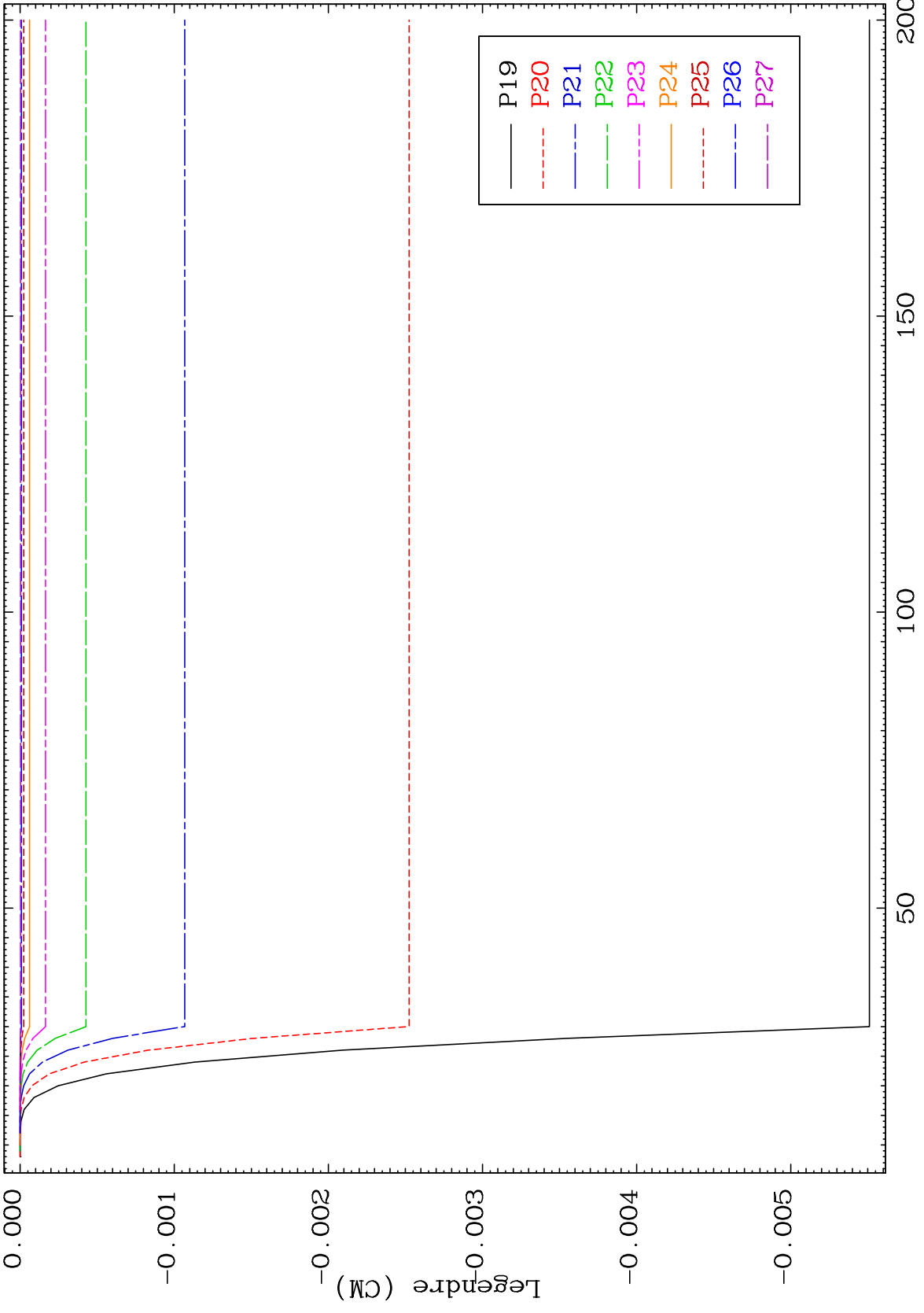


40-Zr-95

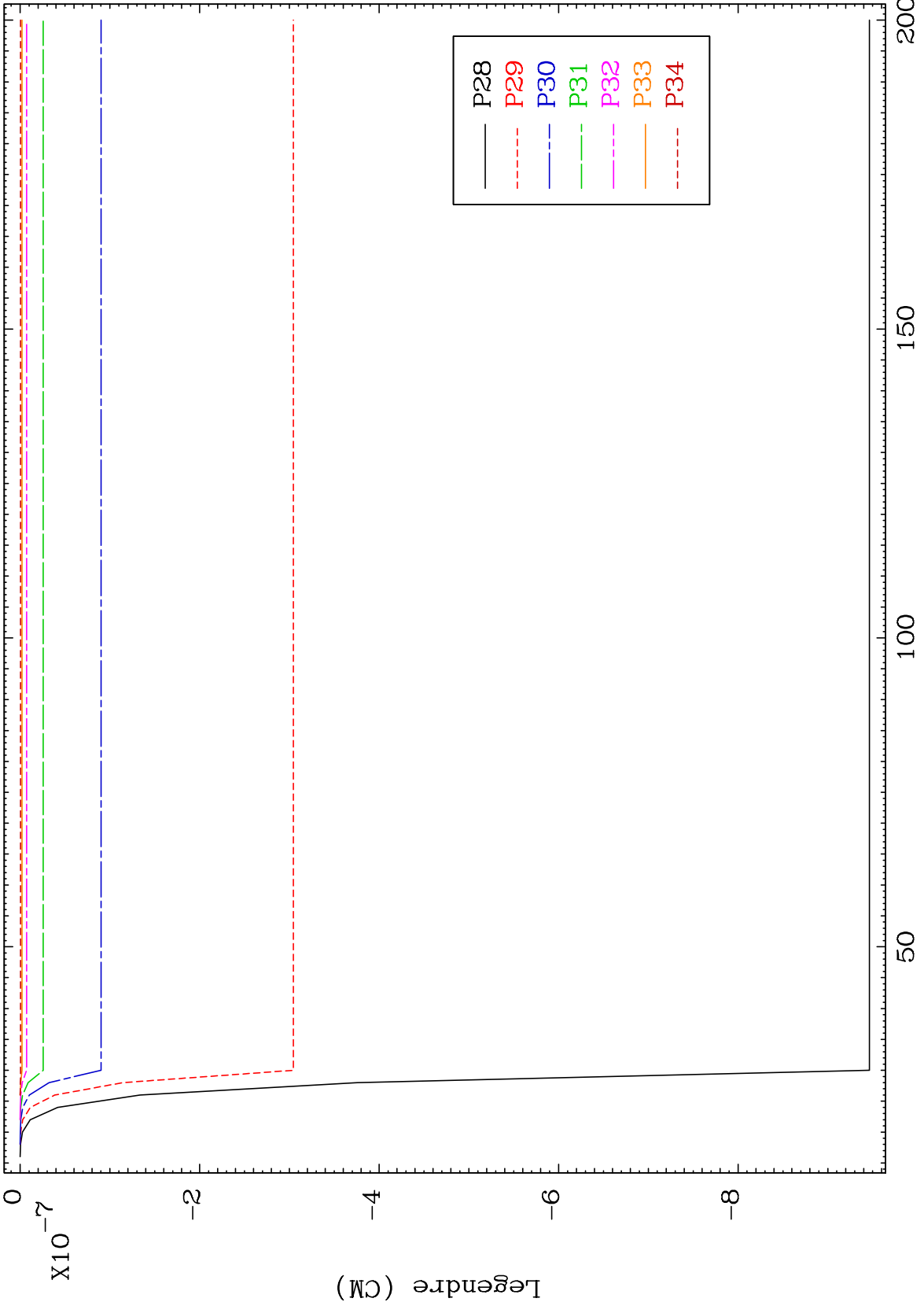
Incident Energy (MeV)

56

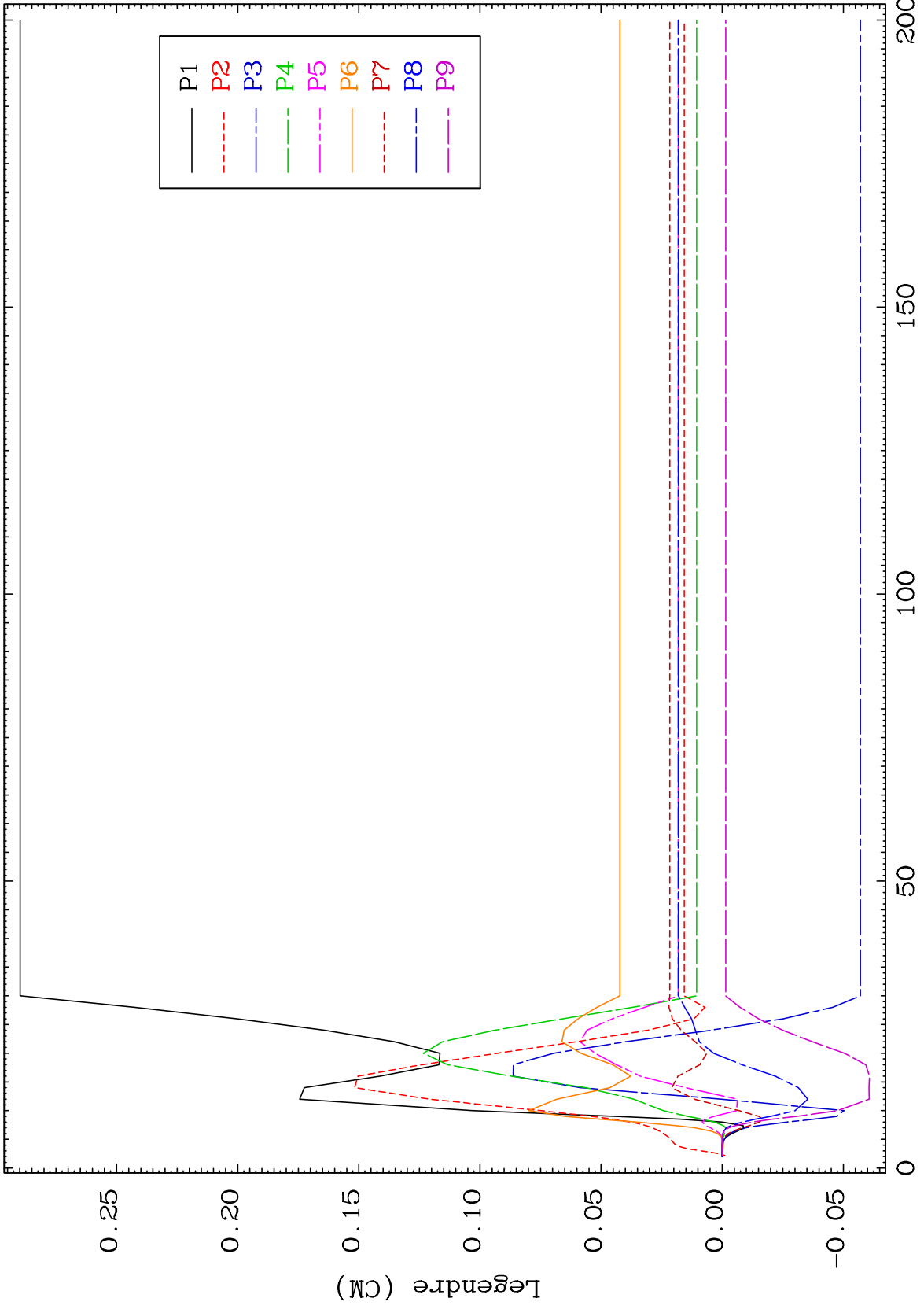
MAT 4040 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-95



MAT 4040 MT= 60 (n,n') Level Legendre Coefficients 40-Zr-95



MAT 4040 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-95

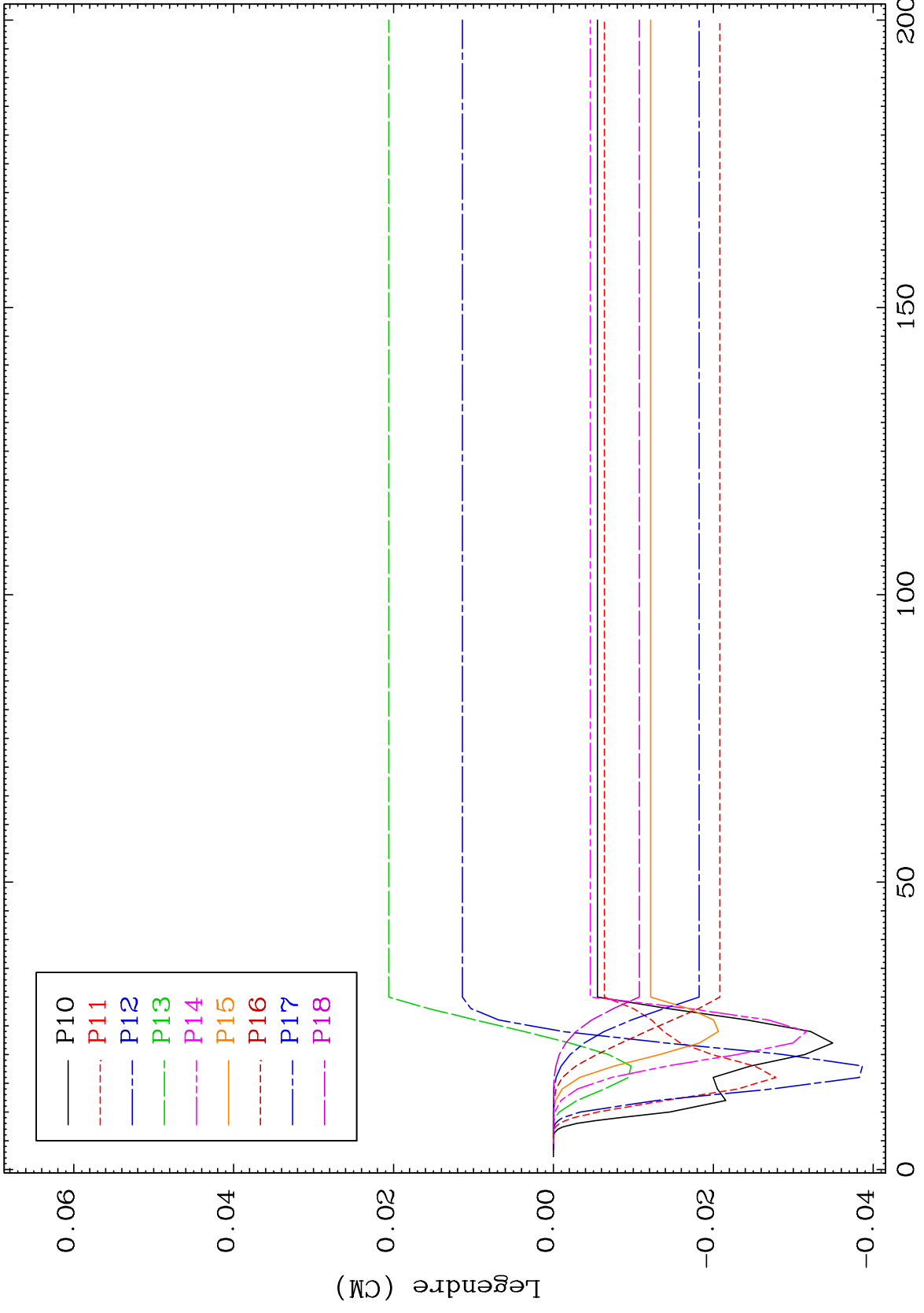


59 40-Zr-95

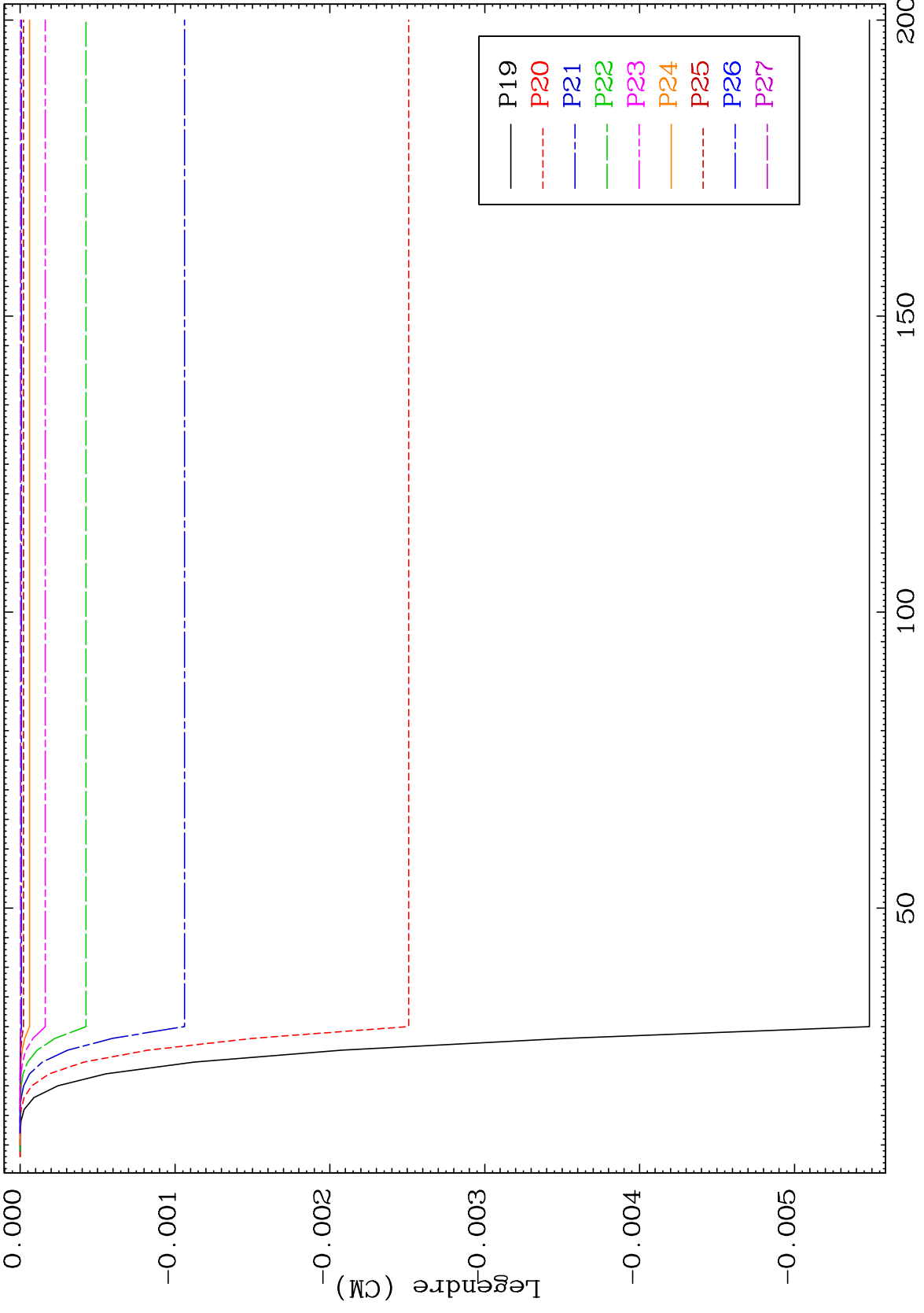
MAT 4040 MT= 61 (n,n') Level Legendre Coefficients

40-Zr-95

40-Zr-95

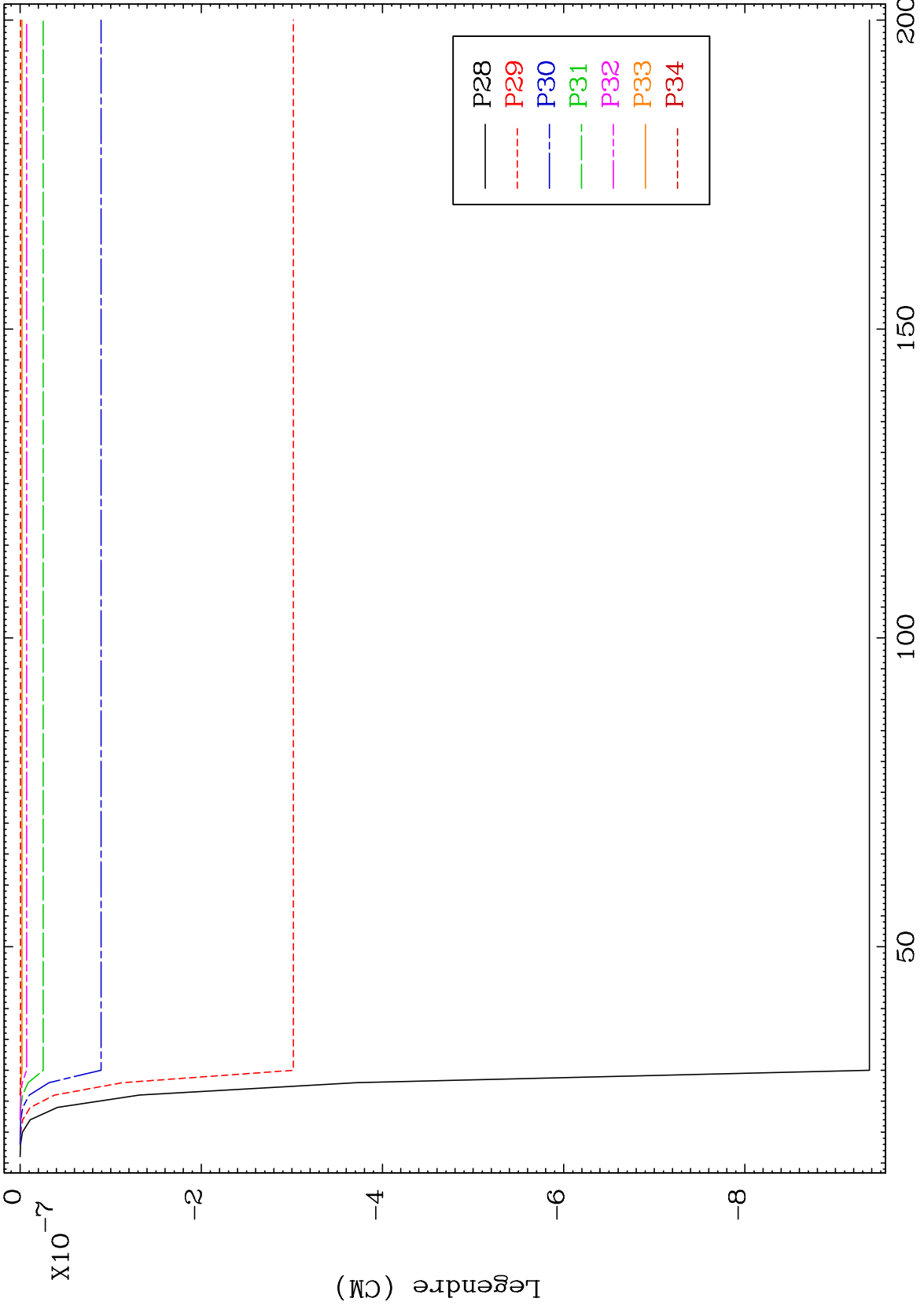


MAT 4040 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-95



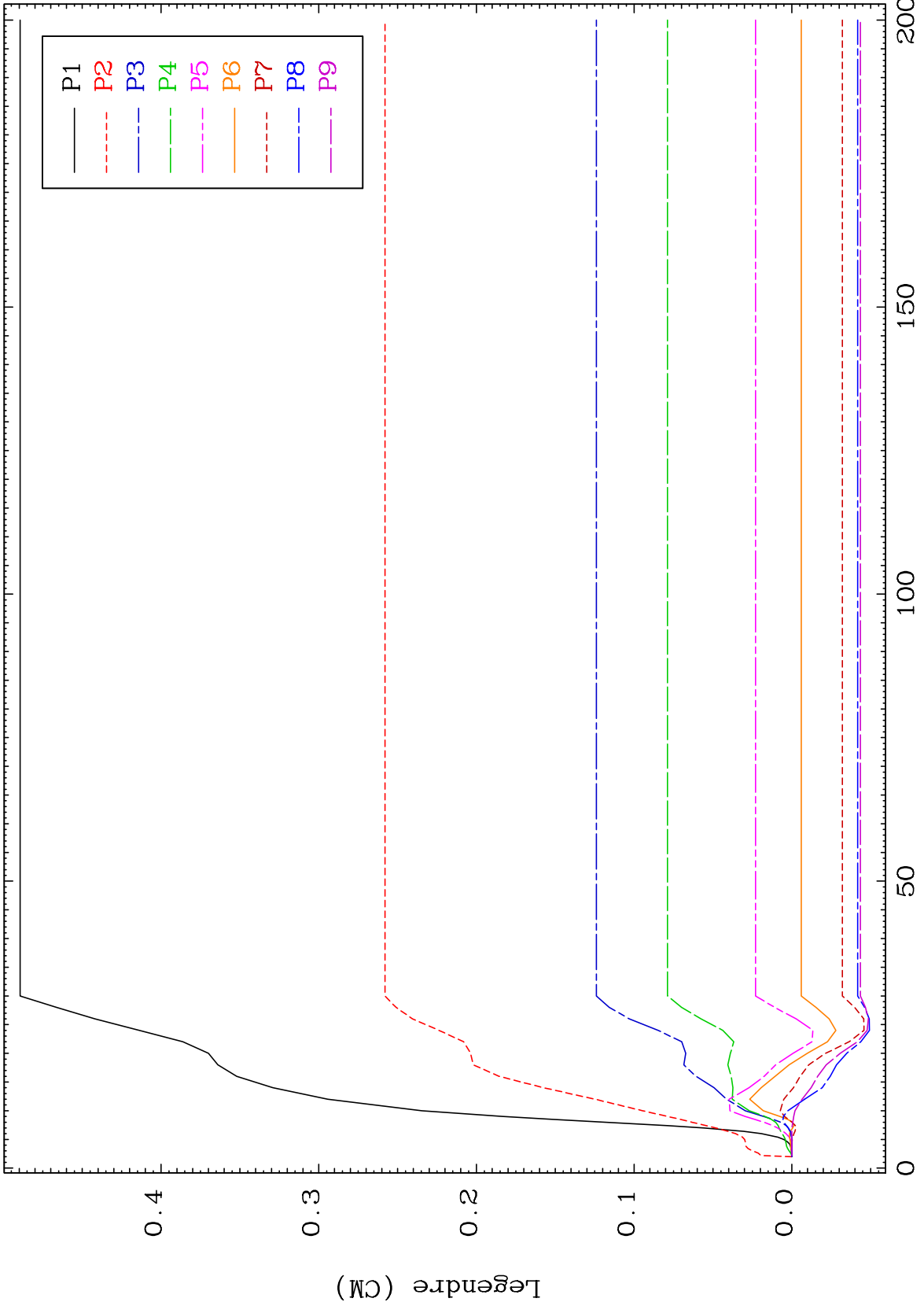
61 40-Zr-95

MAT 4040 MT= 61 (n,n') Level Legendre Coefficients 40-Zr-95



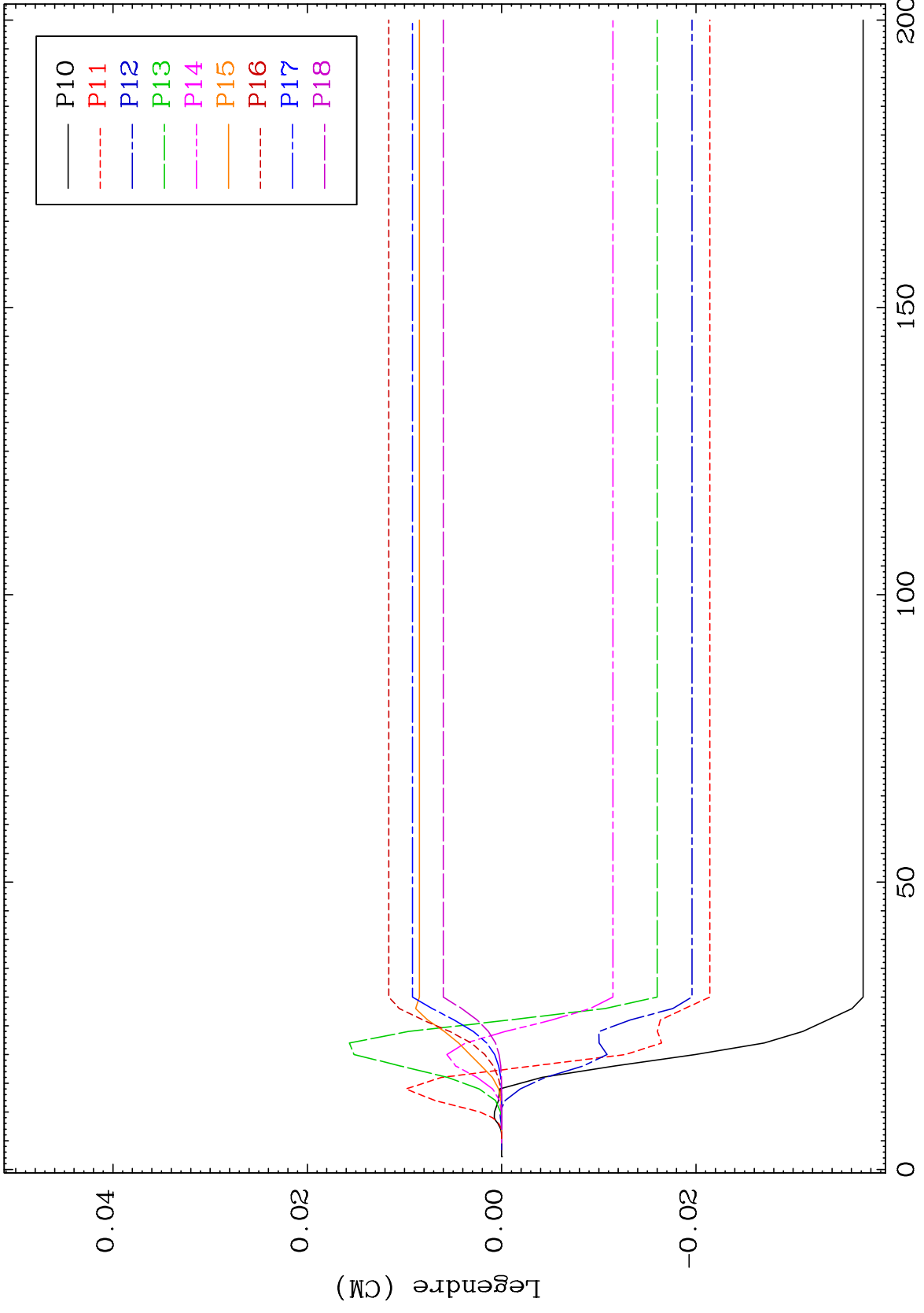
62 40-Zr-95

MAT 4040 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-95



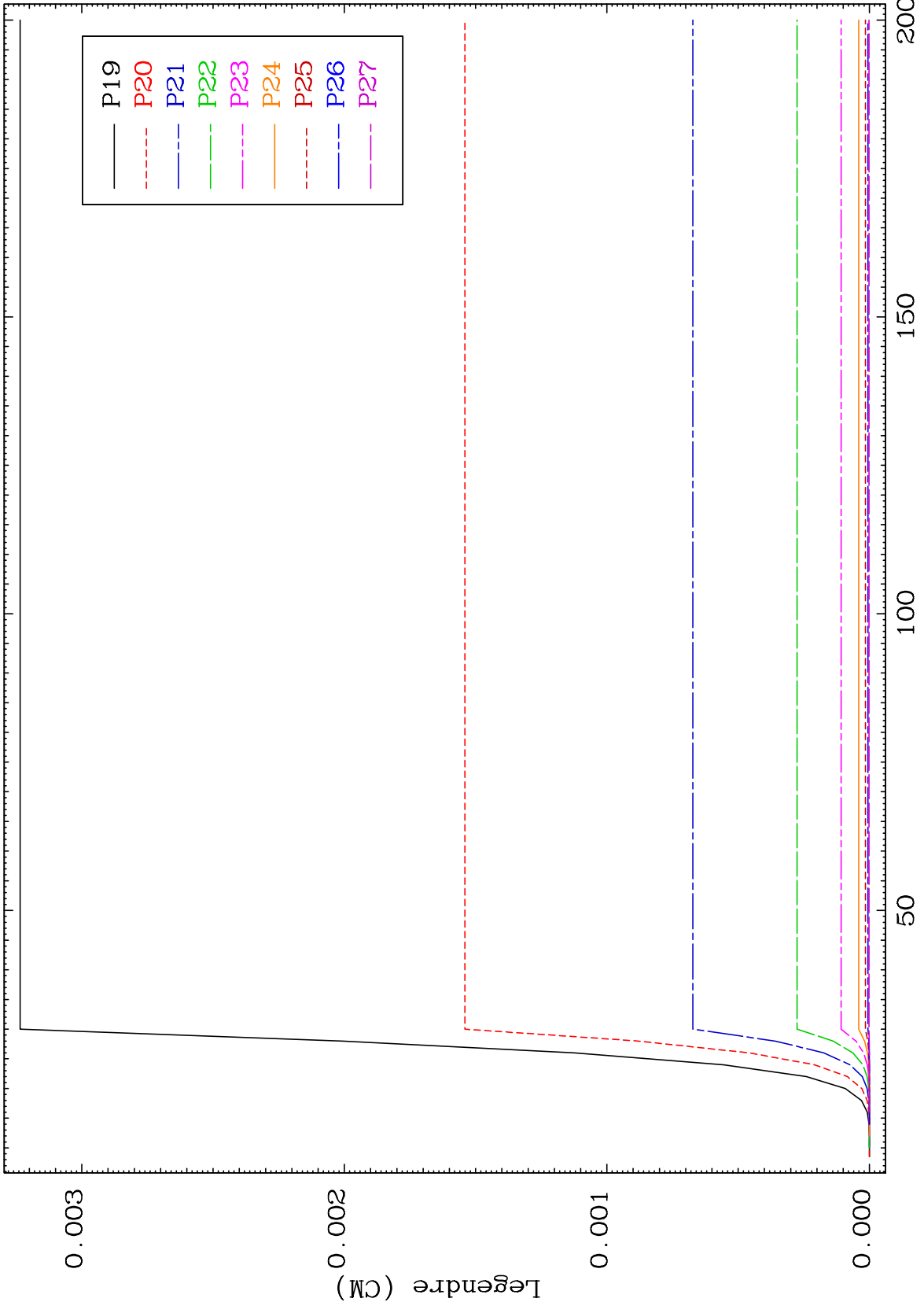
63 Incident Energy (MeV) 40-Zr-95

MAT 4040 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-95



64 40-Zr-95

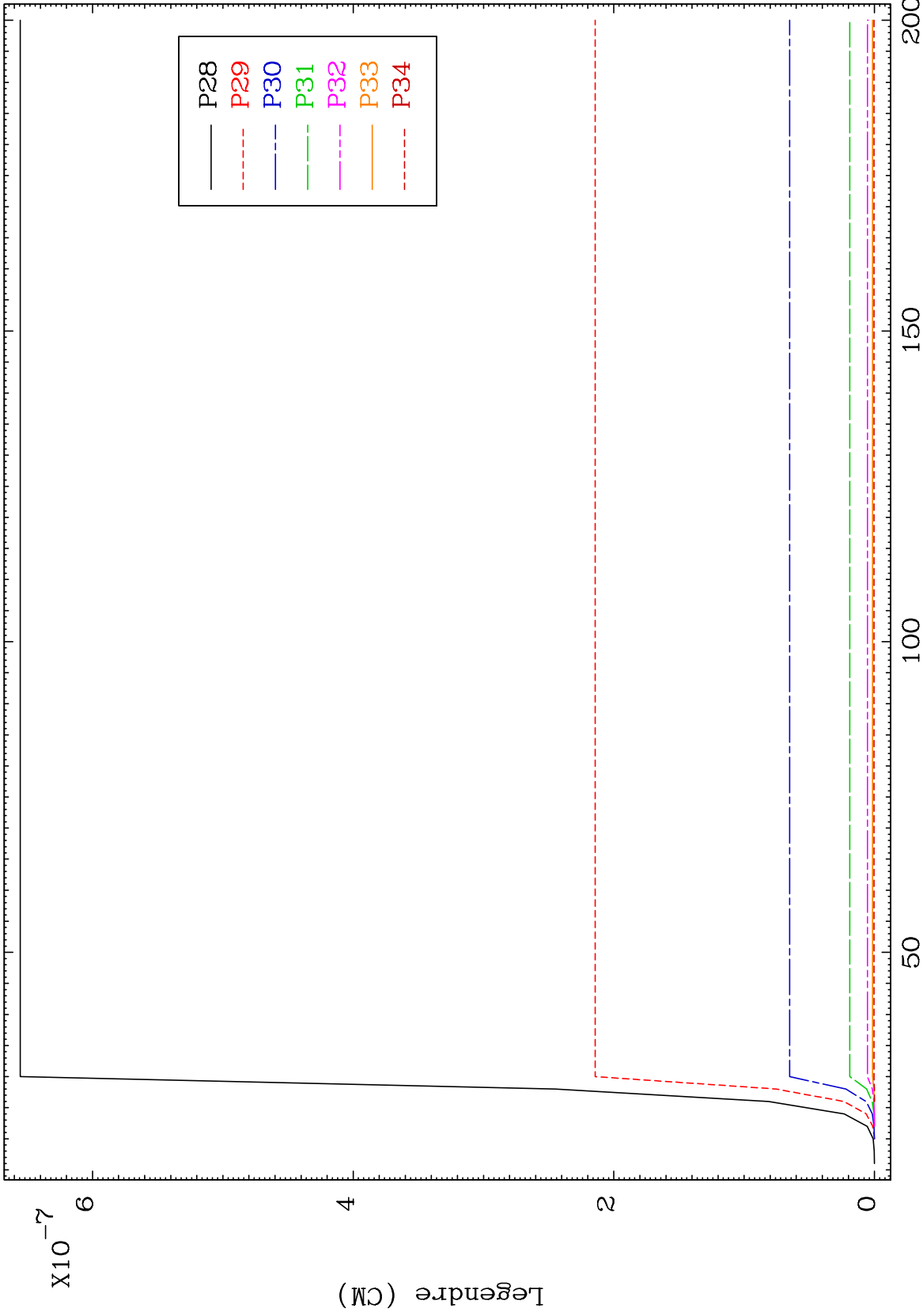
MAT 4040 MT= 62 (n,n') Level Legendre Coefficients 40-Zr-95



MAT 4040

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

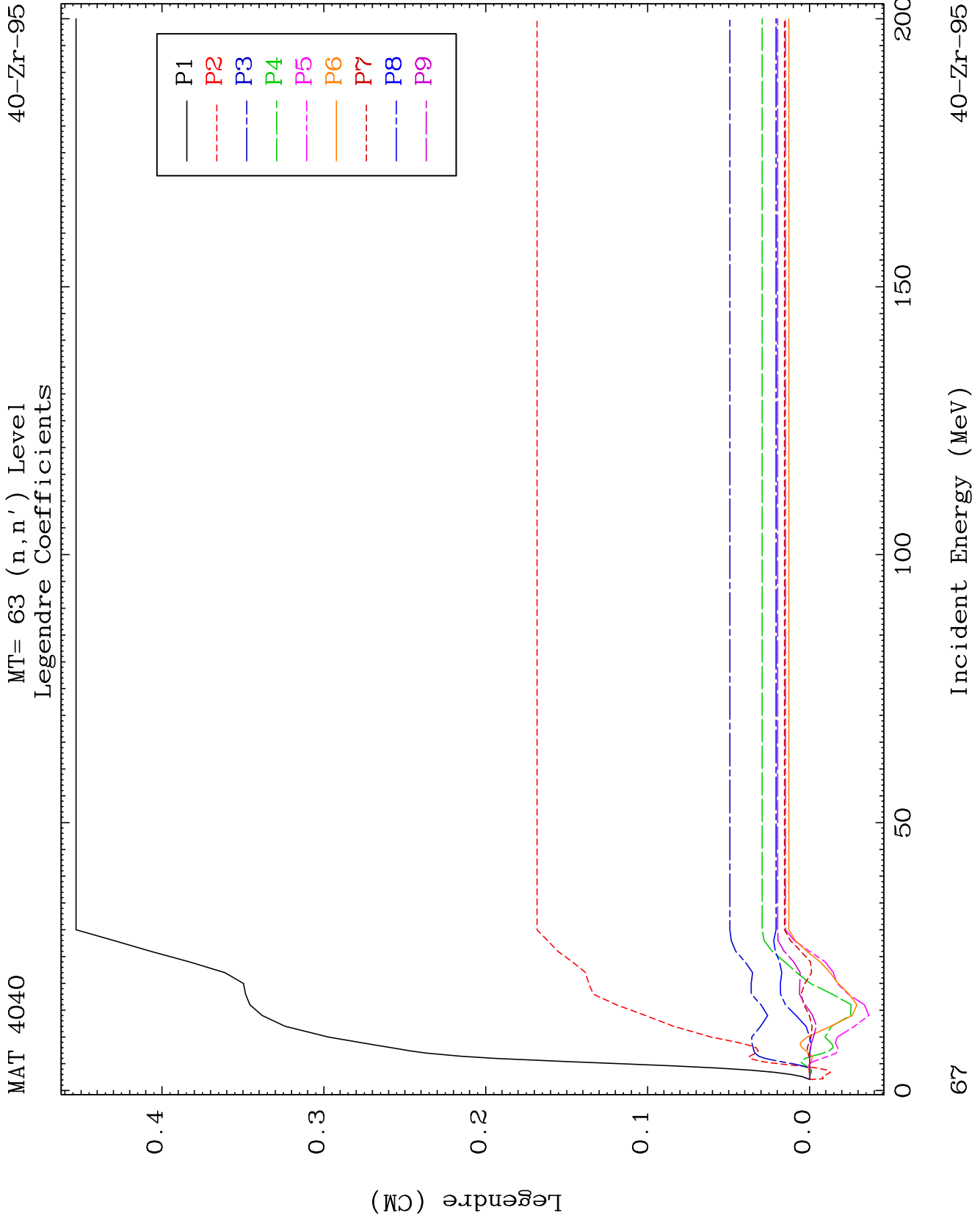
40-Zr-95



66

Incident Energy (MeV)

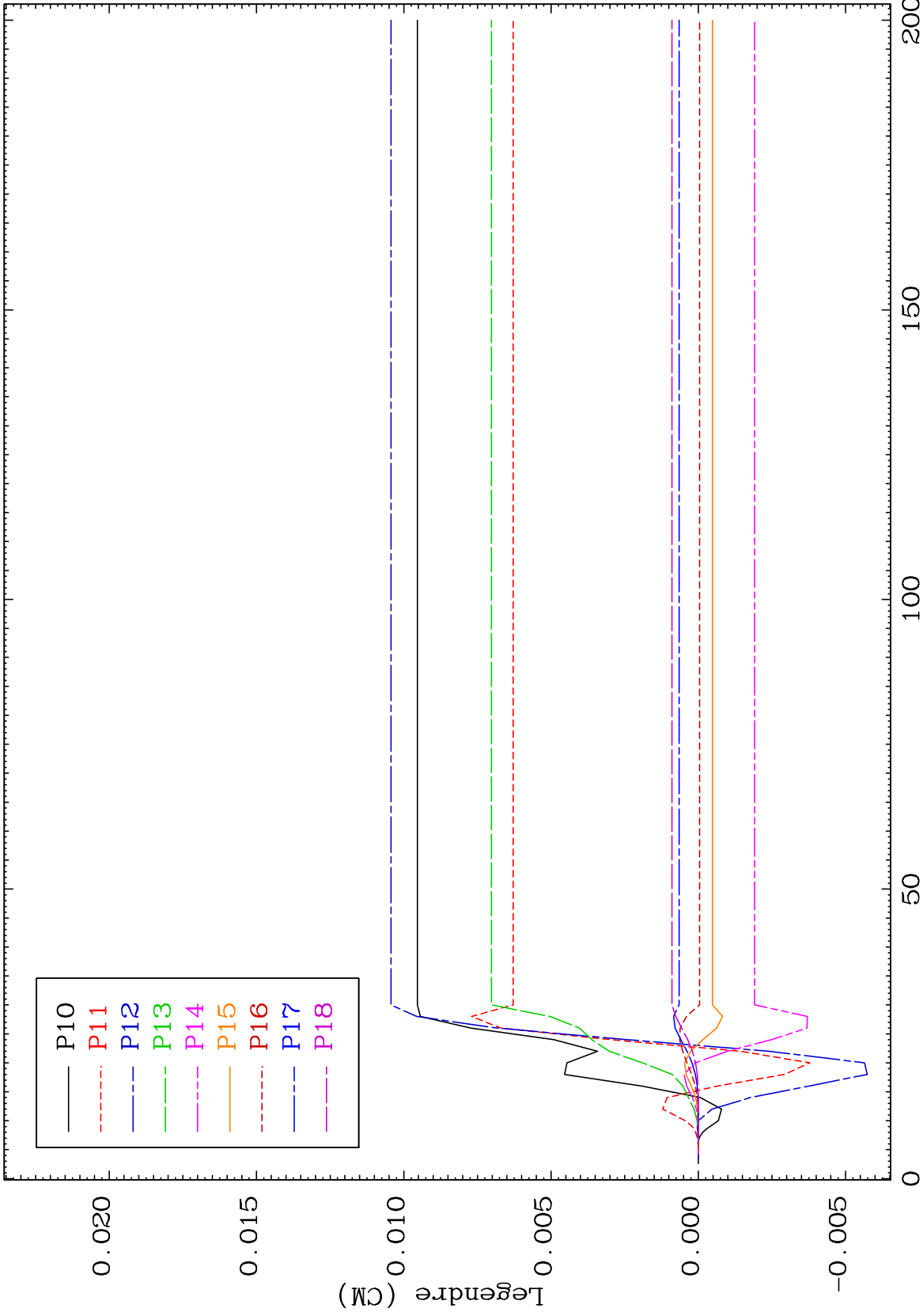
40-Zr-95



MAT 4040

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

40-Zr-95

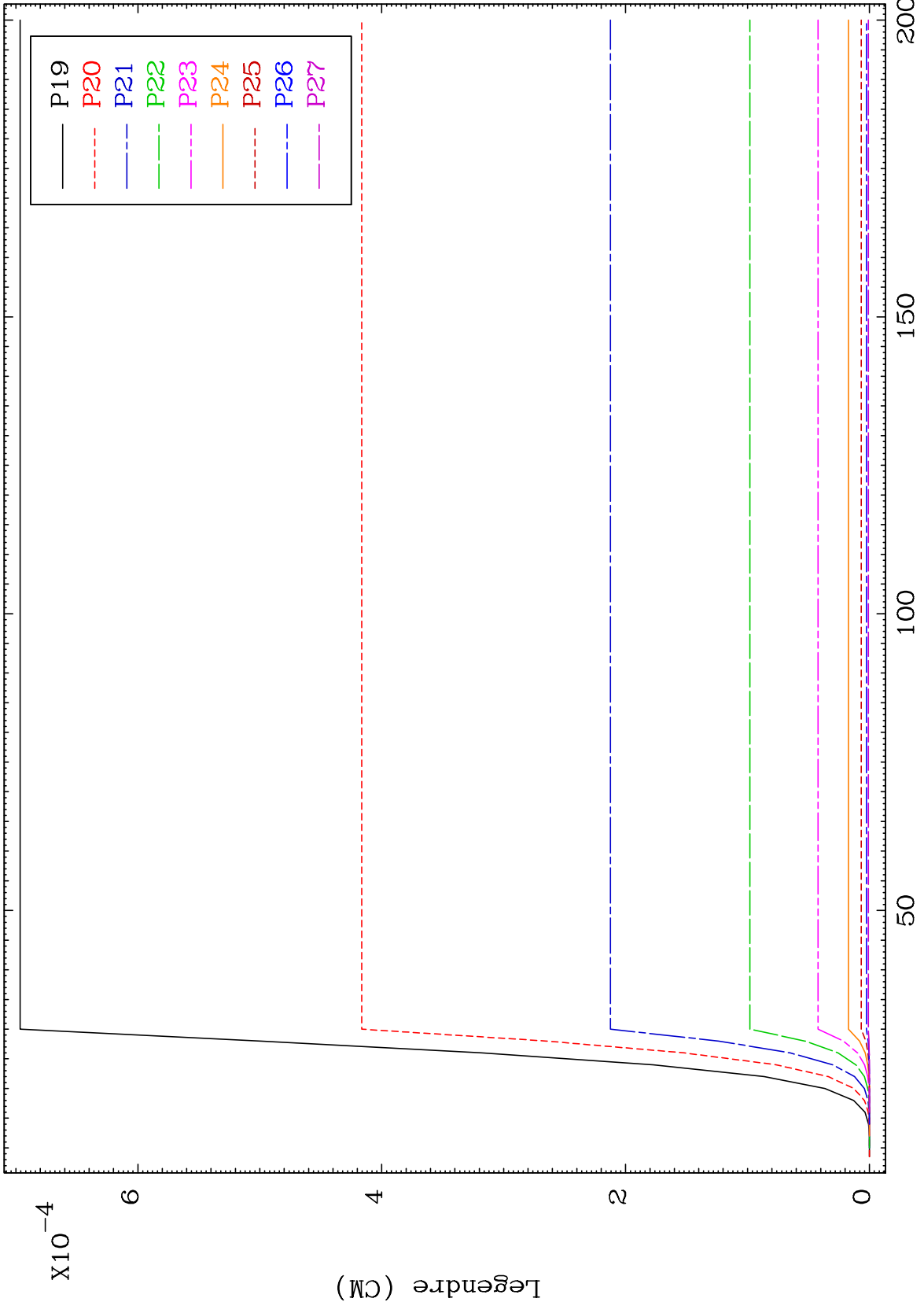


68

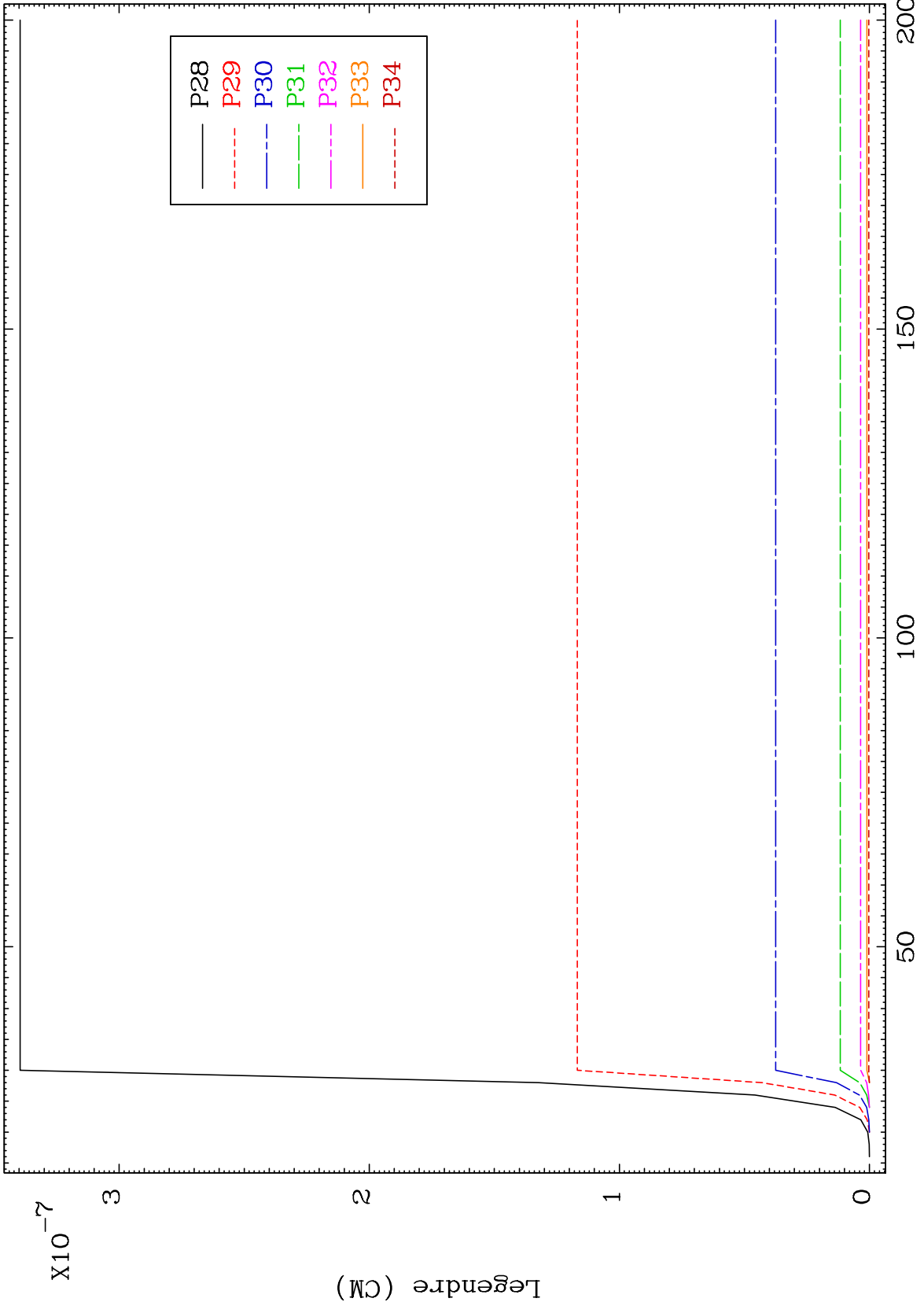
Incident Energy (MeV)

40-Zr-95

MAT 4040 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-95

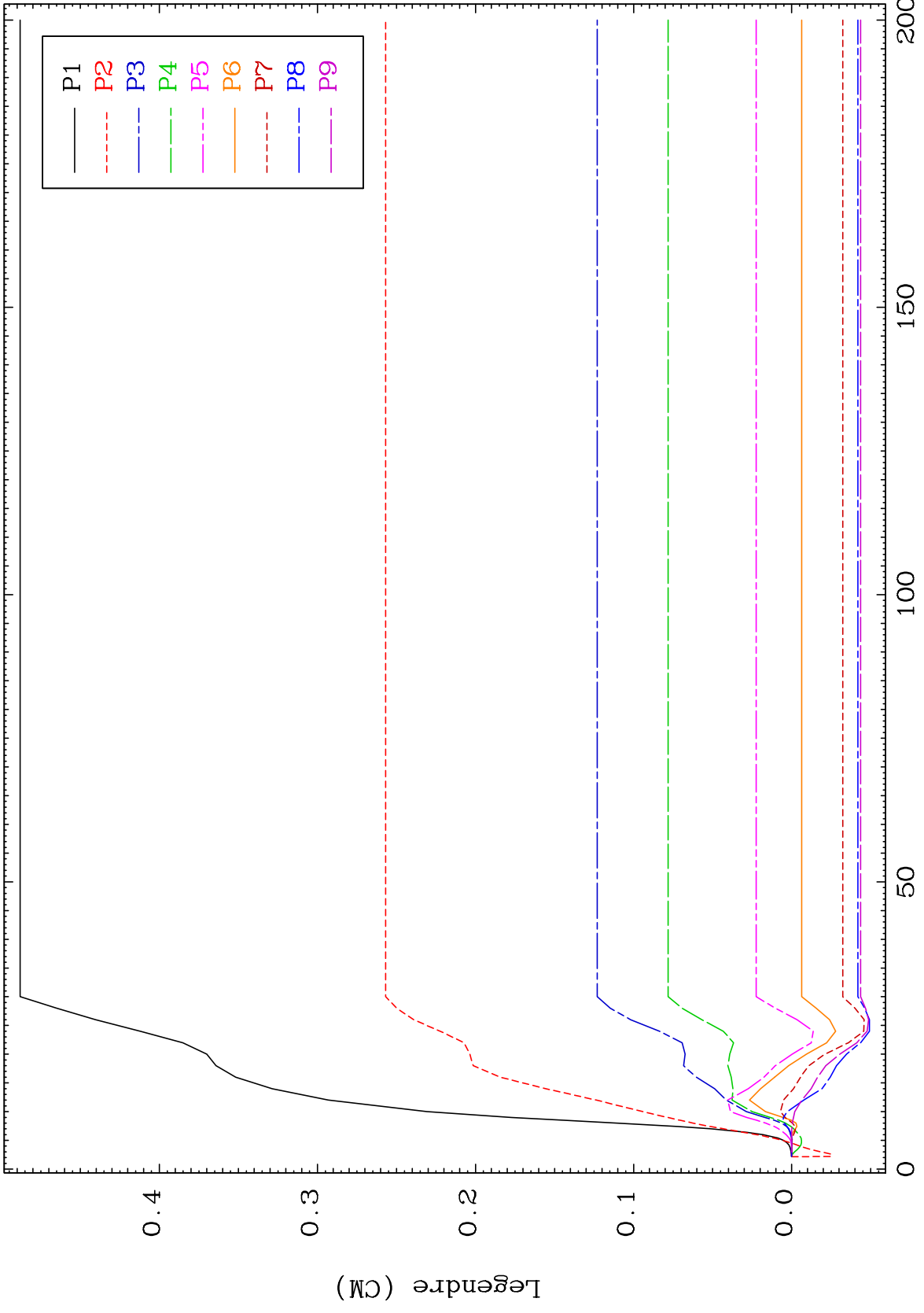


MAT 4040 MT= 63 (n,n') Level Legendre Coefficients 40-Zr-95

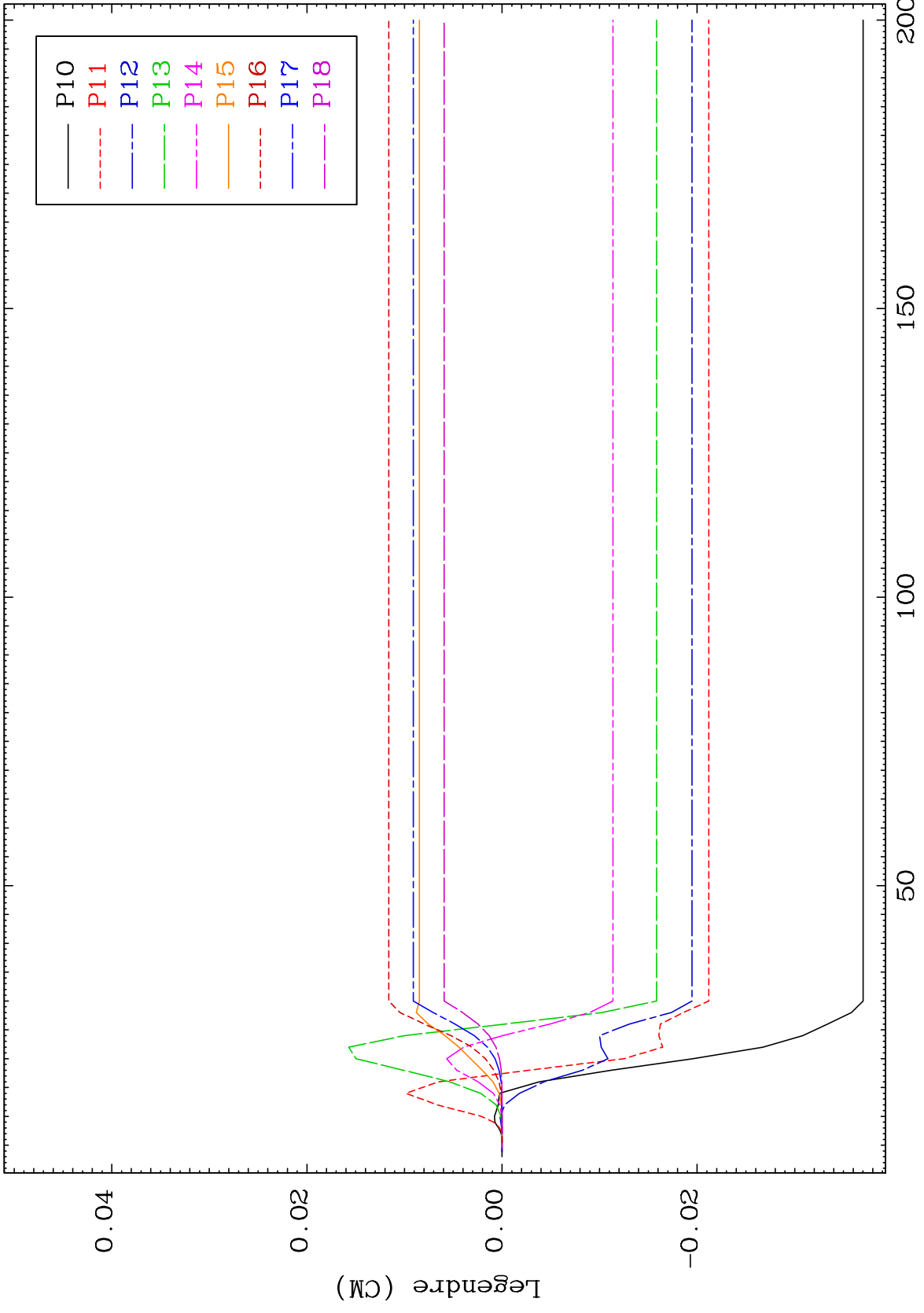


70 150 200 Incident Energy (MeV) 40-Zr-95

MAT 4040 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-95

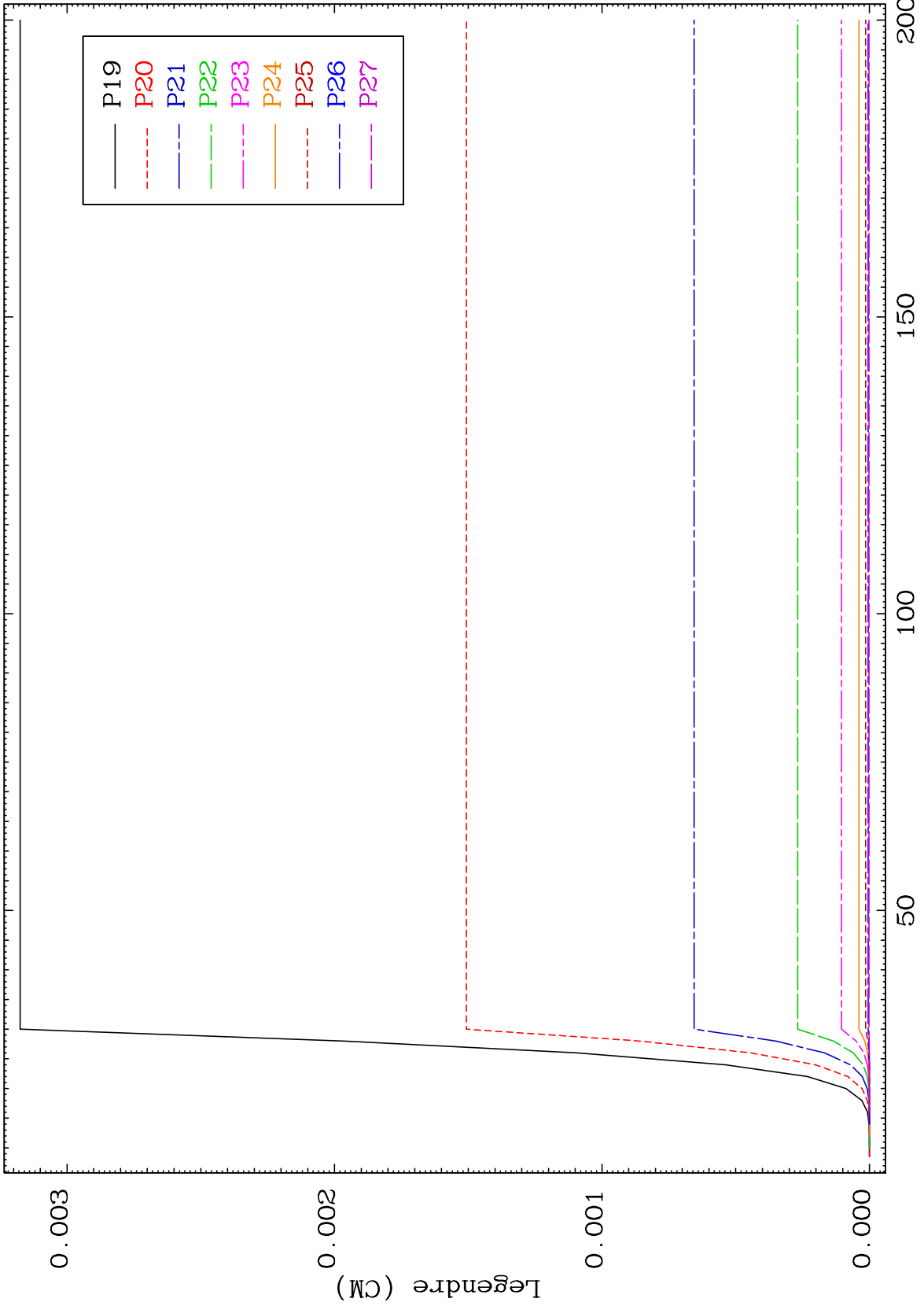


MAT 4040 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-95

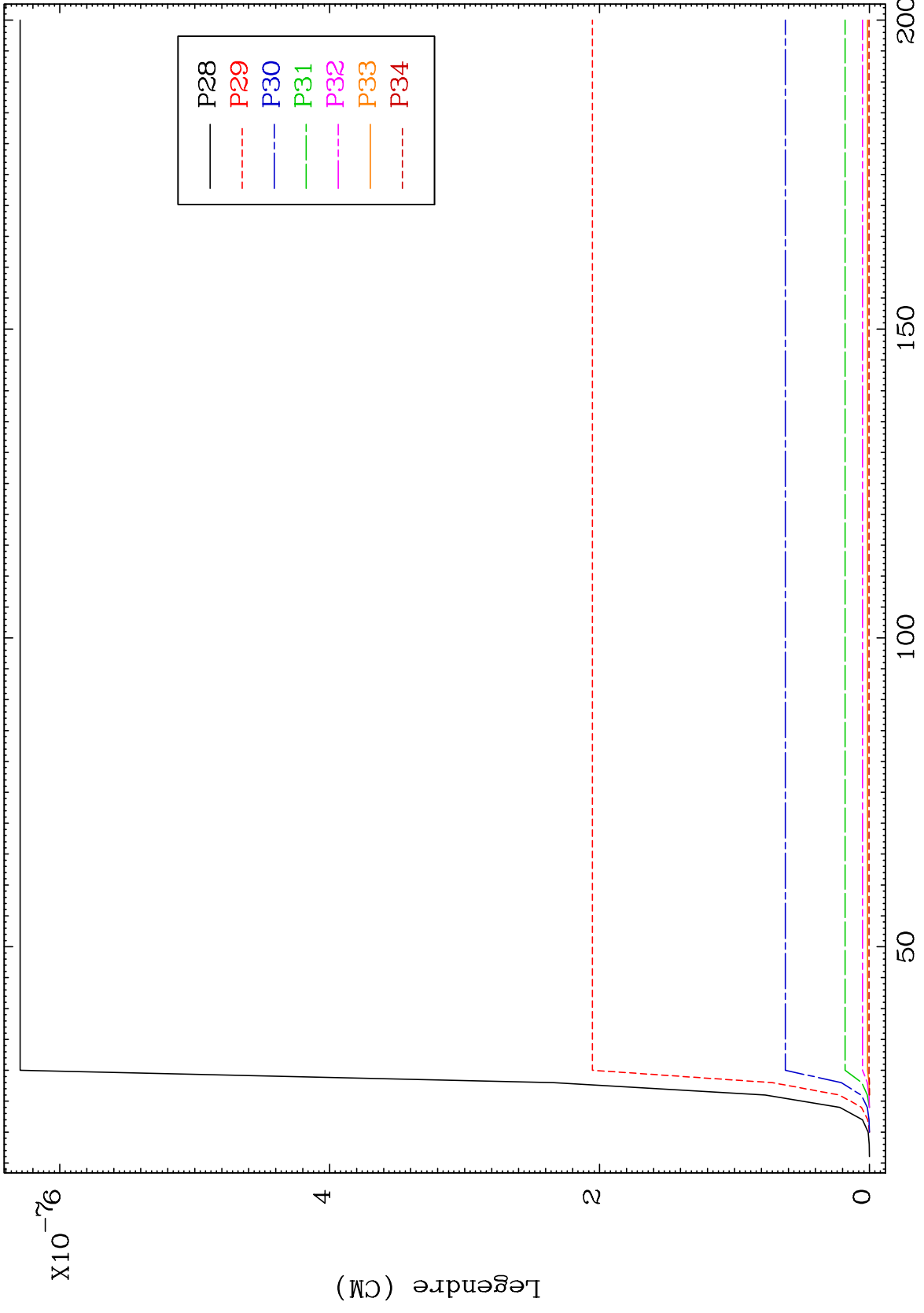


72 40-Zr-95

MAT 4040 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-95

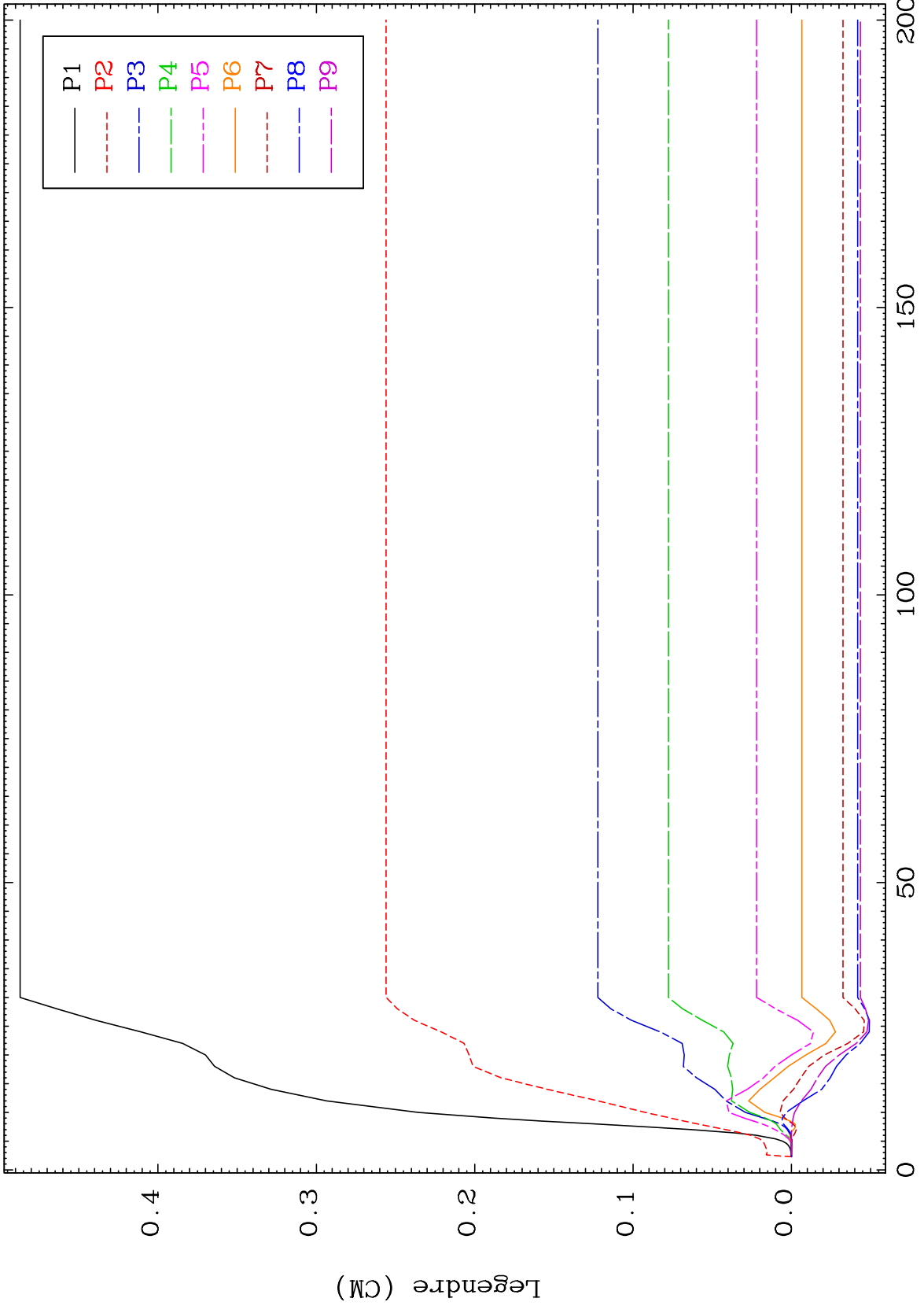


MAT 4040 MT= 64 (n,n') Level Legendre Coefficients 40-Zr-95

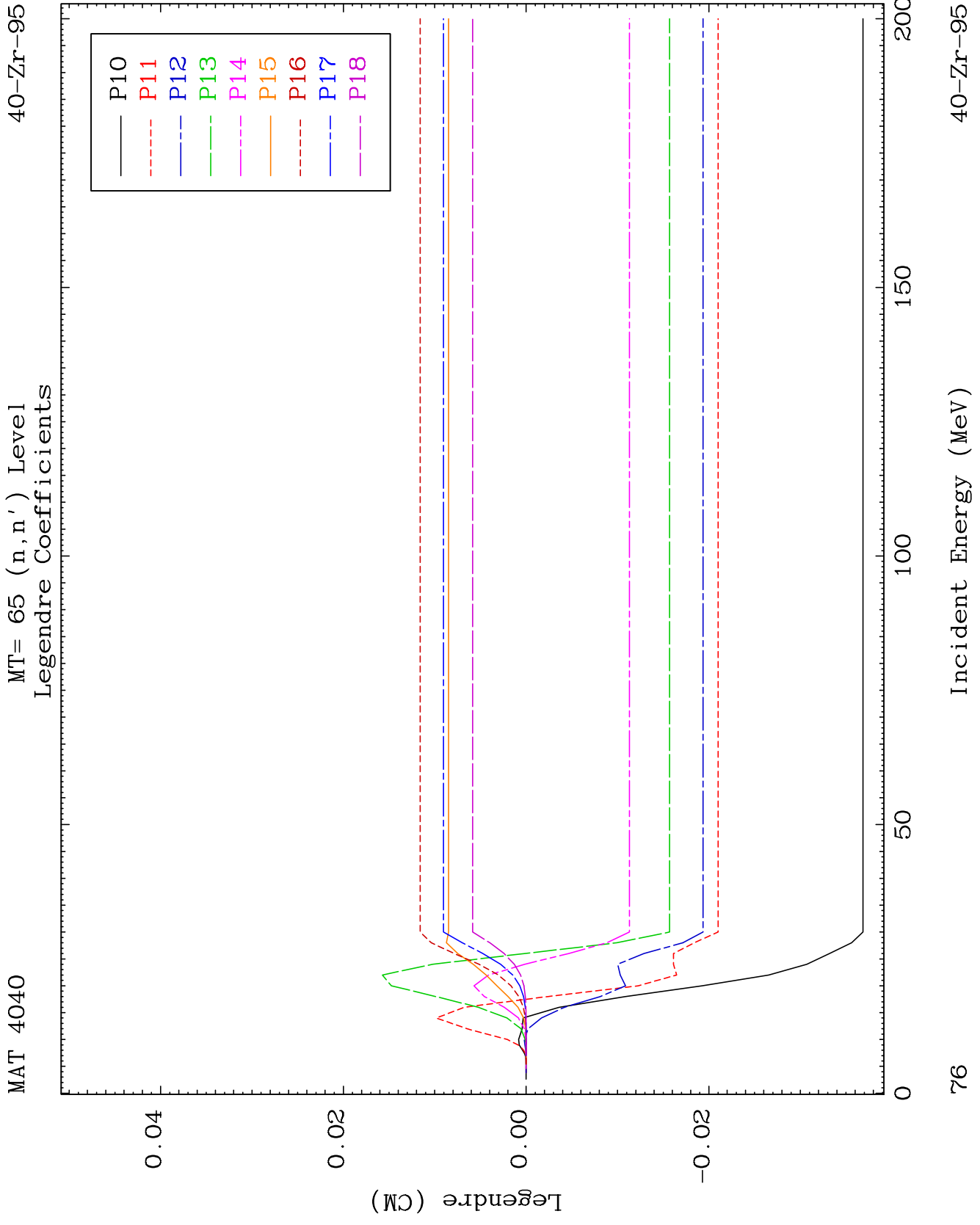


74 40-Zr-95

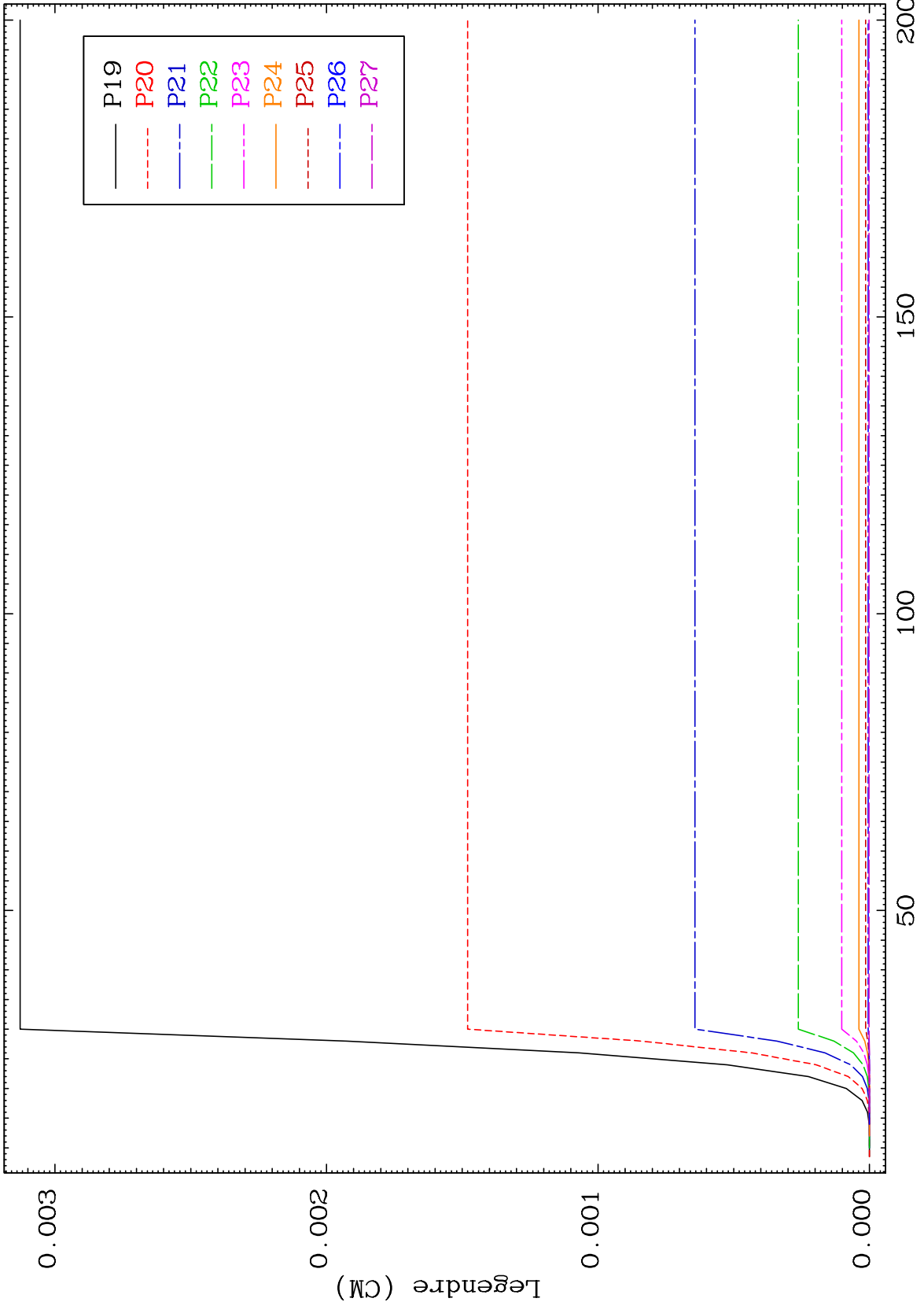
MAT 4040 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-95



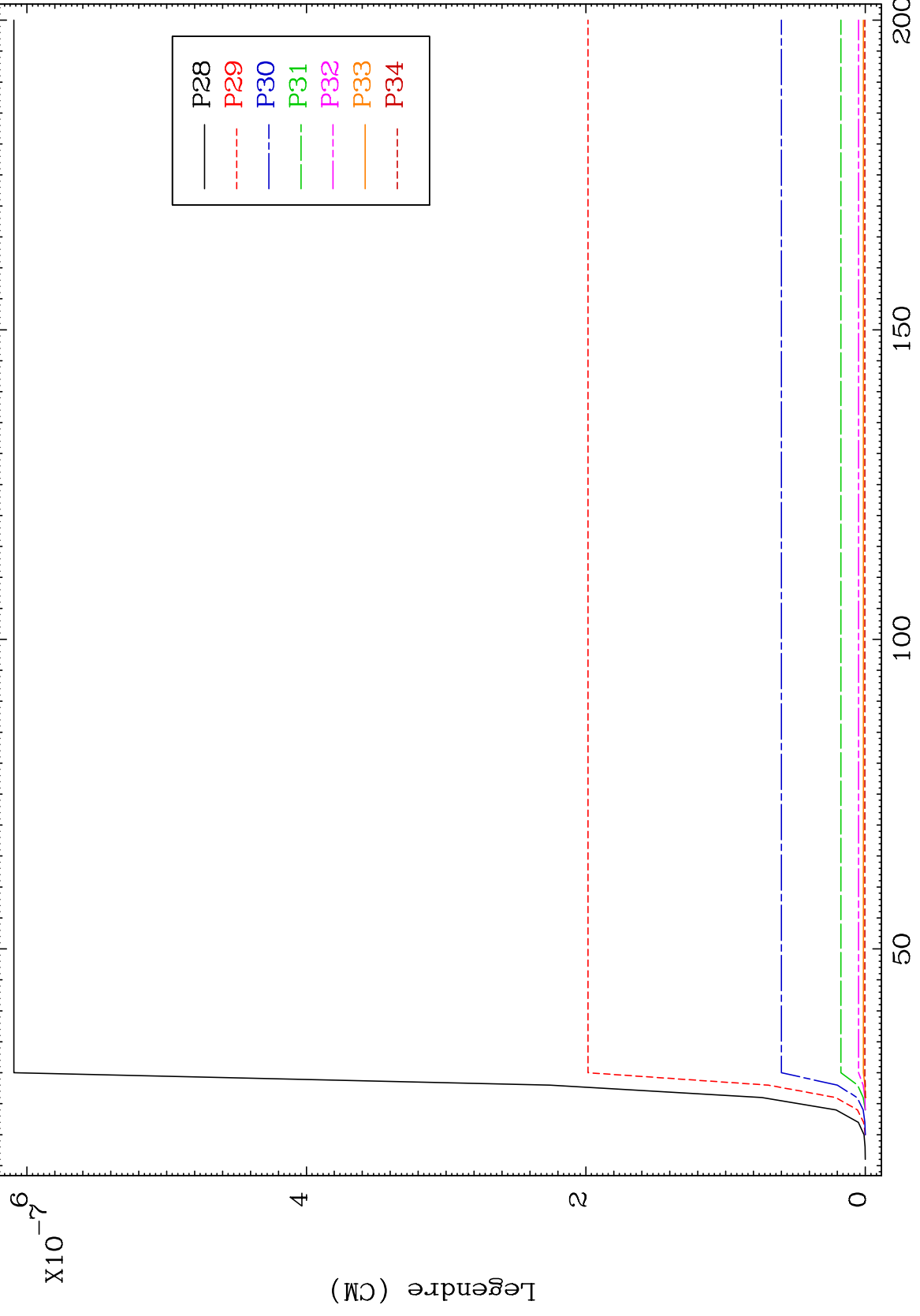
75 Incident Energy (MeV) 40-Zr-95



MAT 4040 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-95

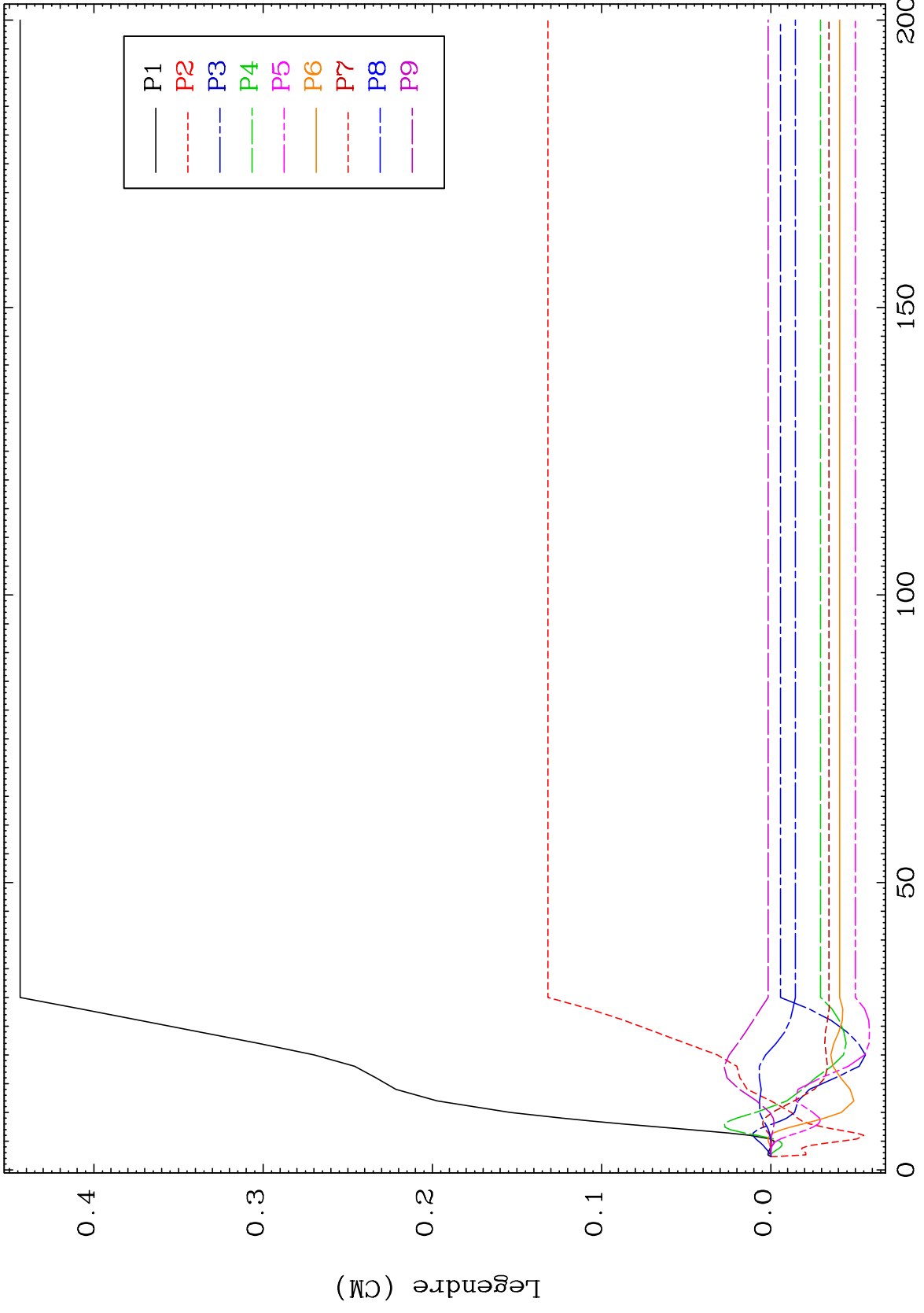


MAT 4040 MT= 65 (n,n') Level Legendre Coefficients 40-Zr-95

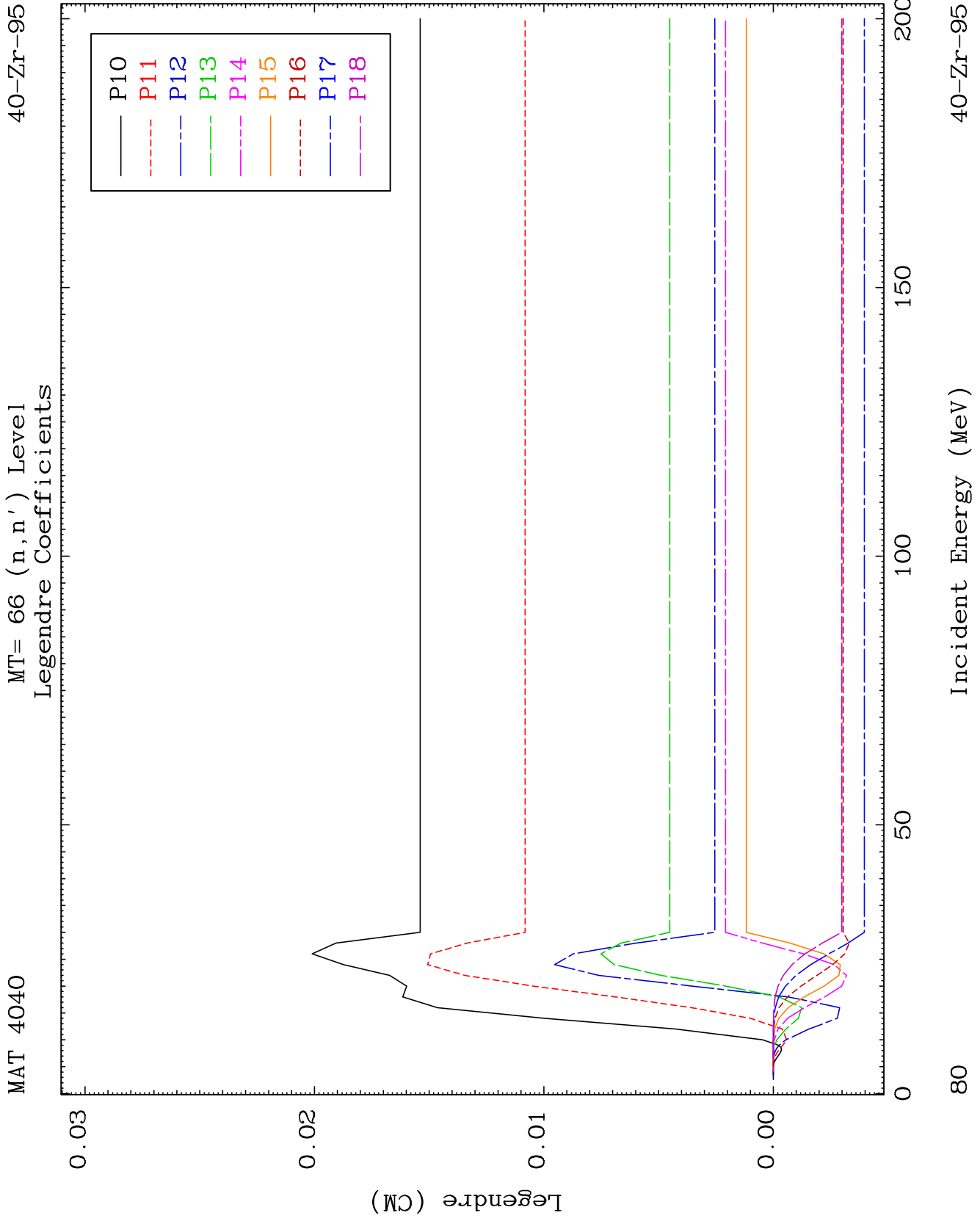


78 Incident Energy (MeV) 40-Zr-95

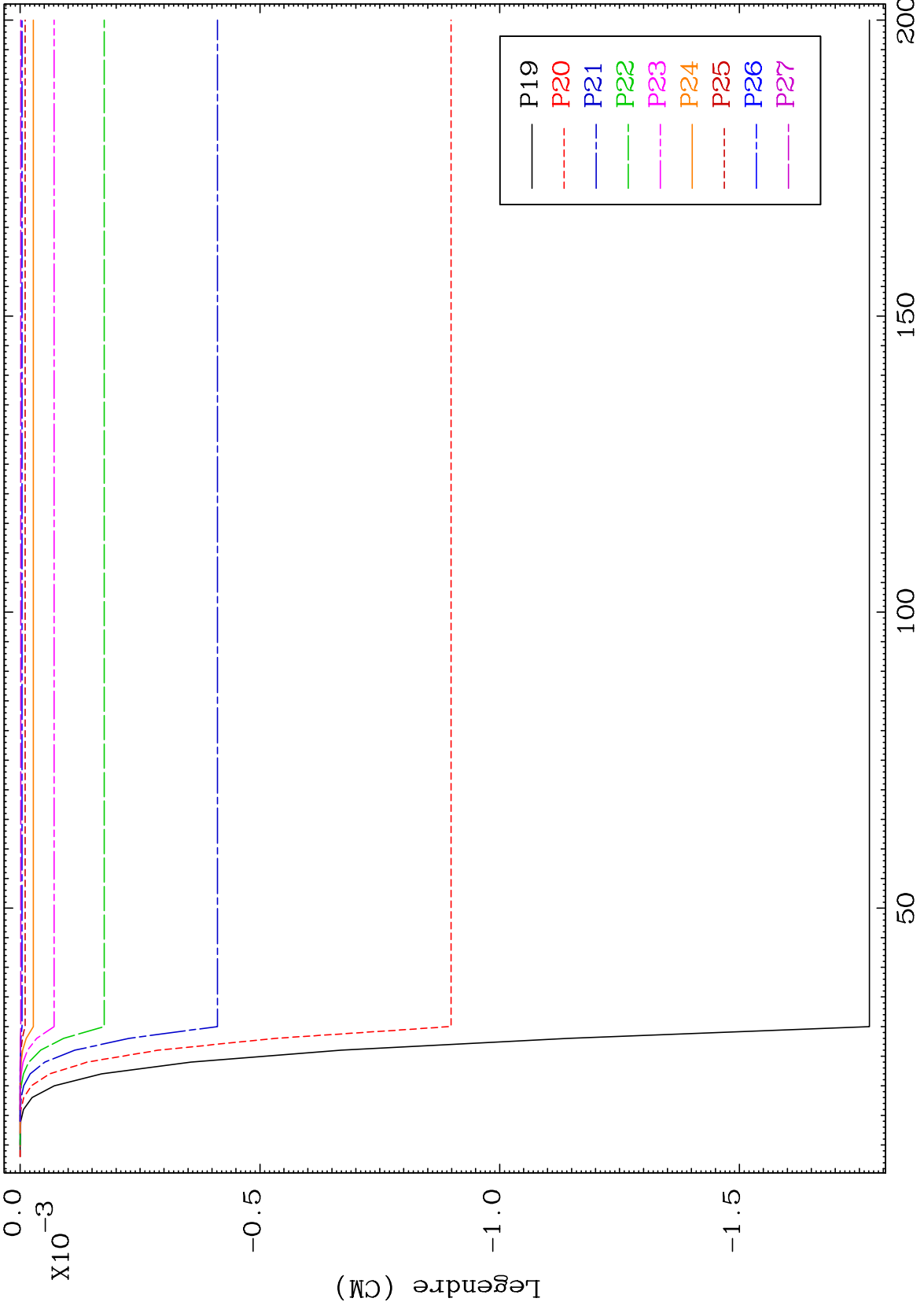
MAT 4040 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-95

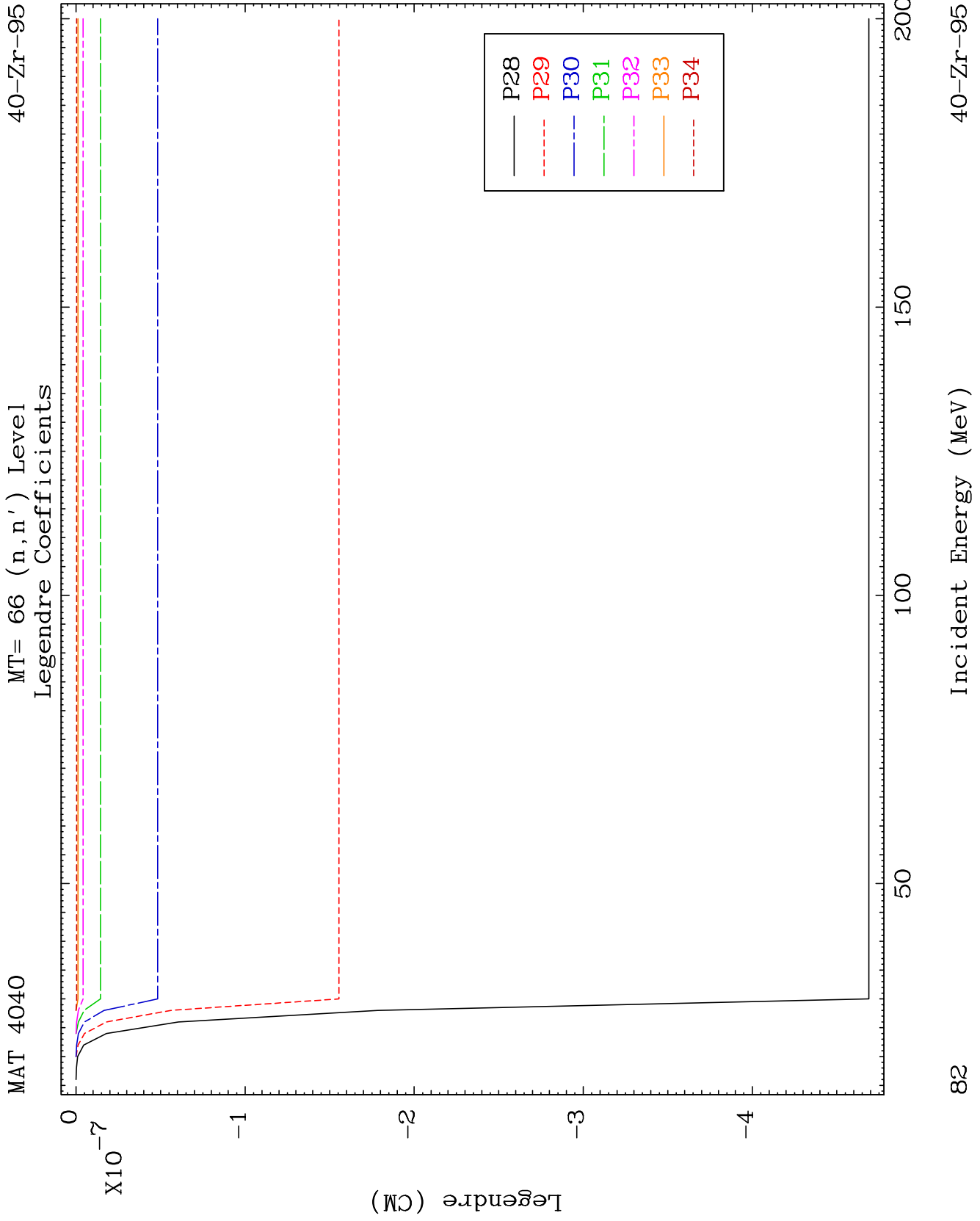


79 Incident Energy (MeV) 40-Zr-95

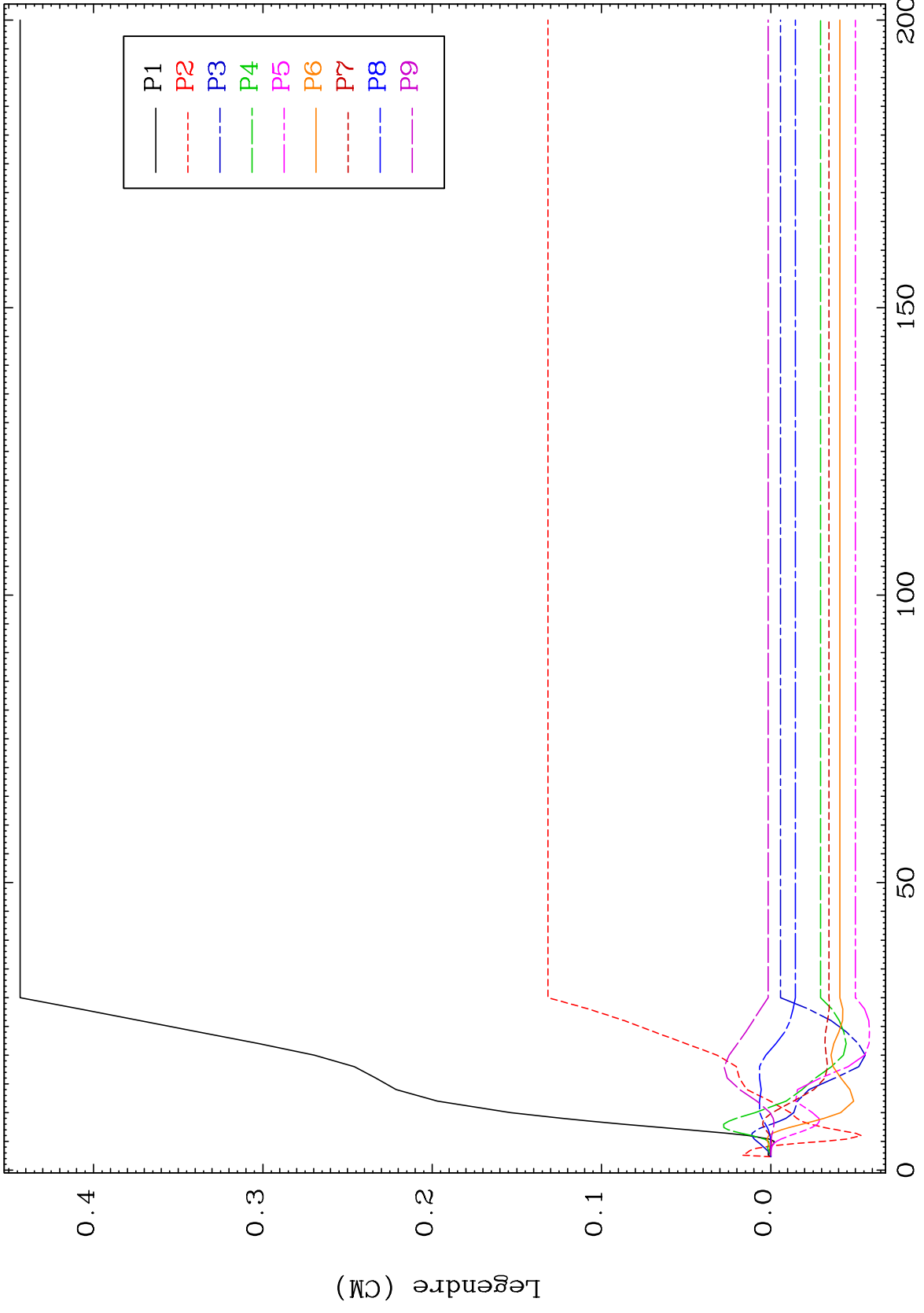


MAT 4040 MT= 66 (n,n') Level Legendre Coefficients 40-Zr-95



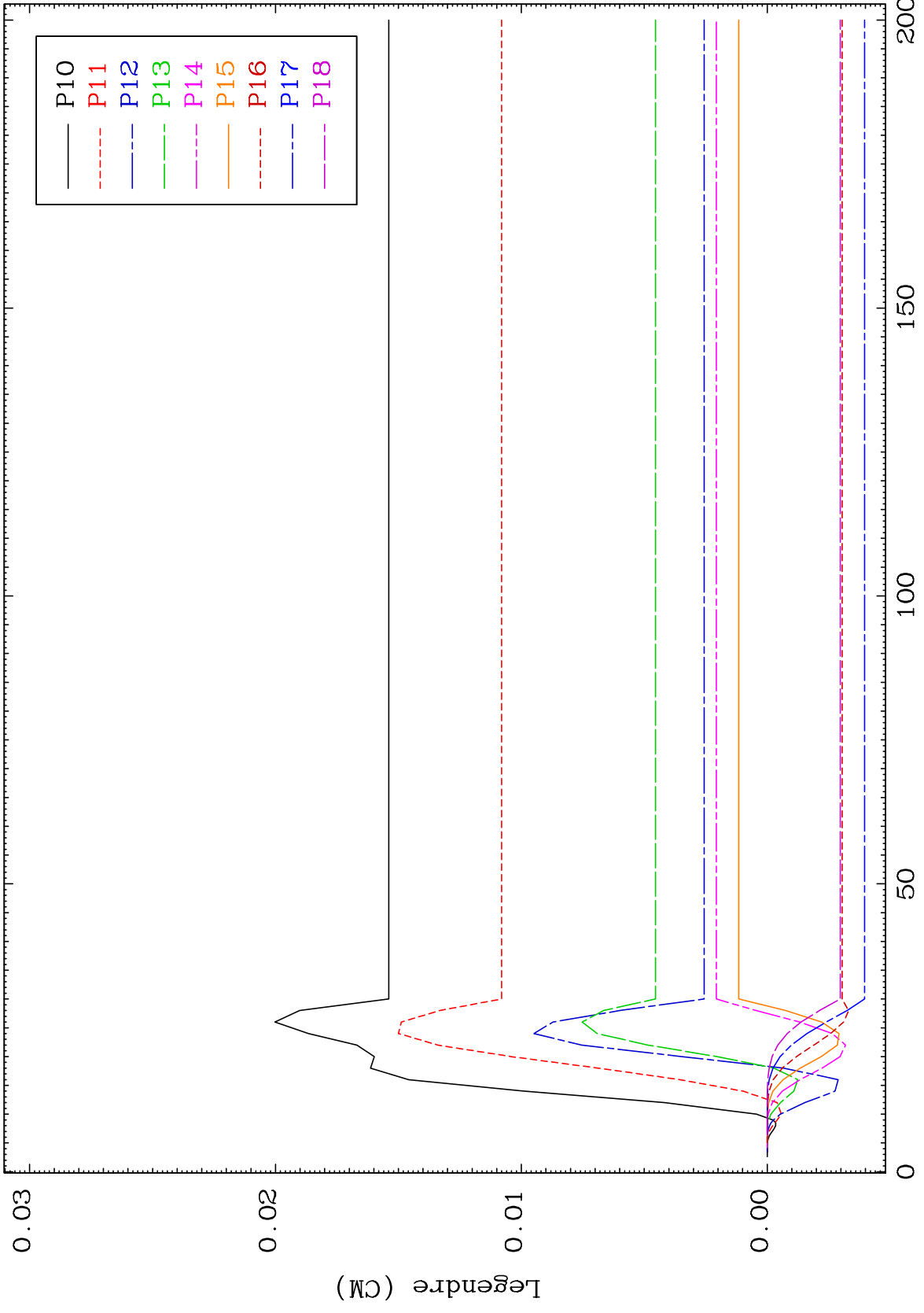


MAT 4040 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-95



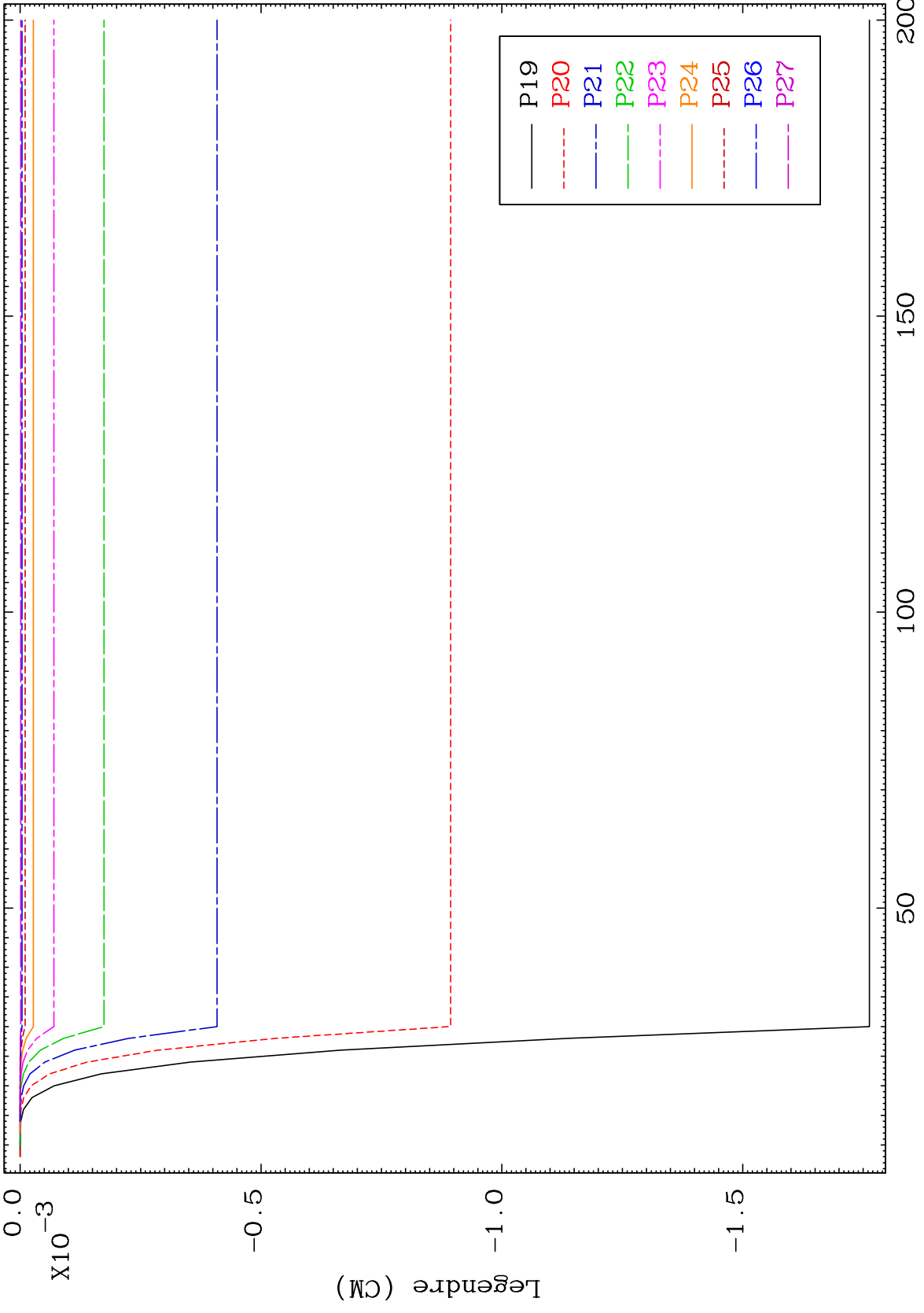
83 Incident Energy (MeV) 40-Zr-95

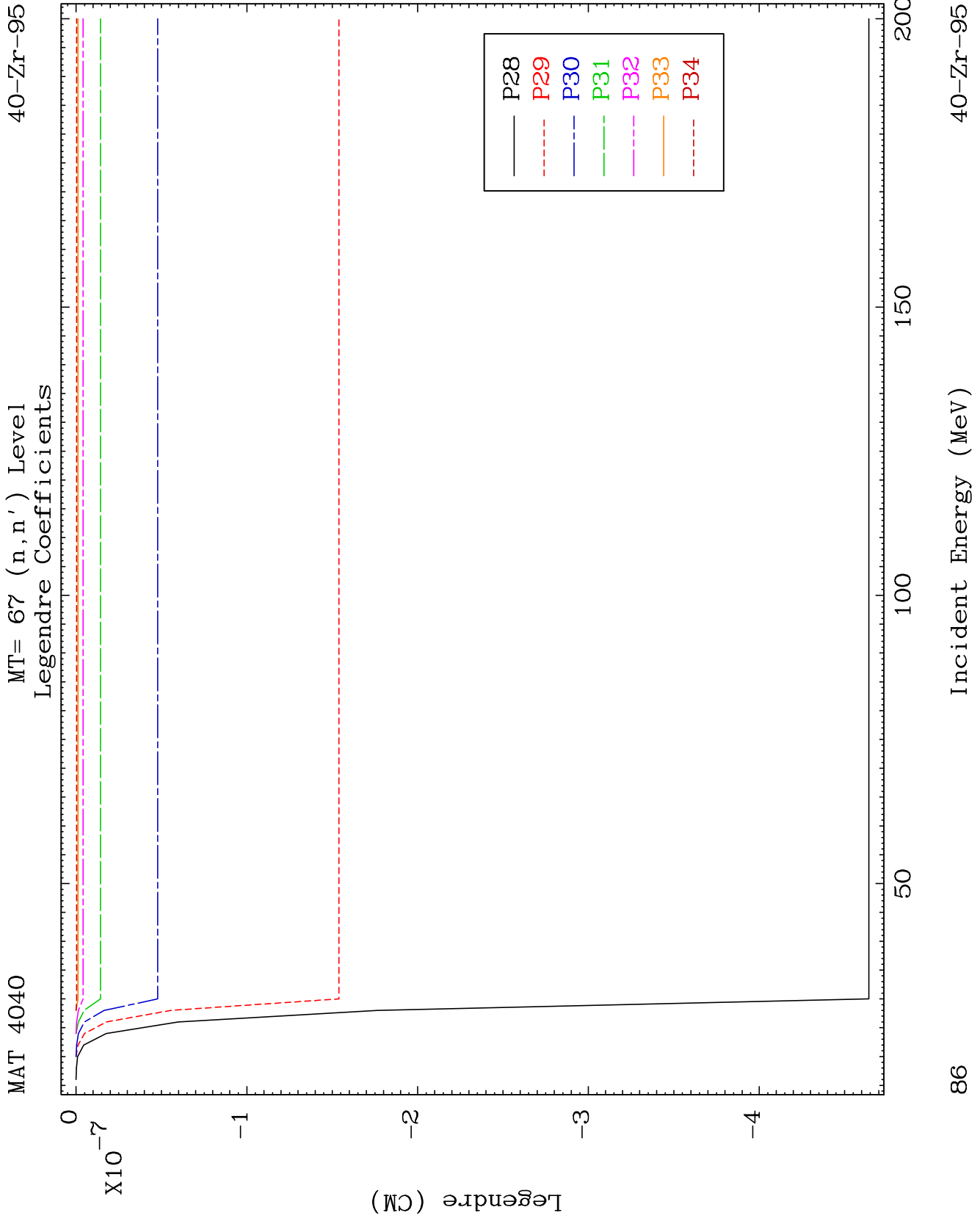
MAT 4040 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-95



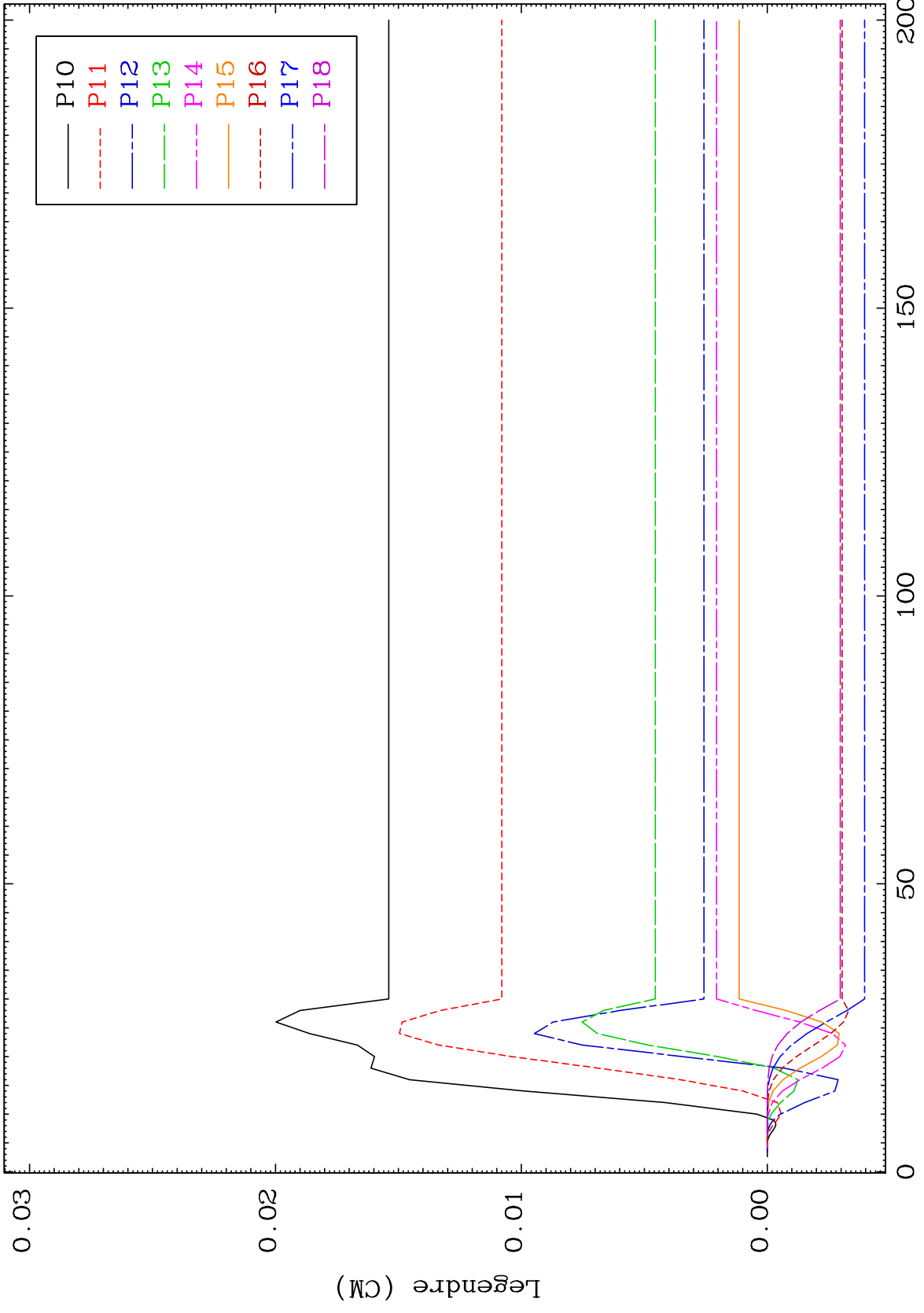
84 40-Zr-95

MAT 4040 MT= 67 (n,n') Level Legendre Coefficients 40-Zr-95



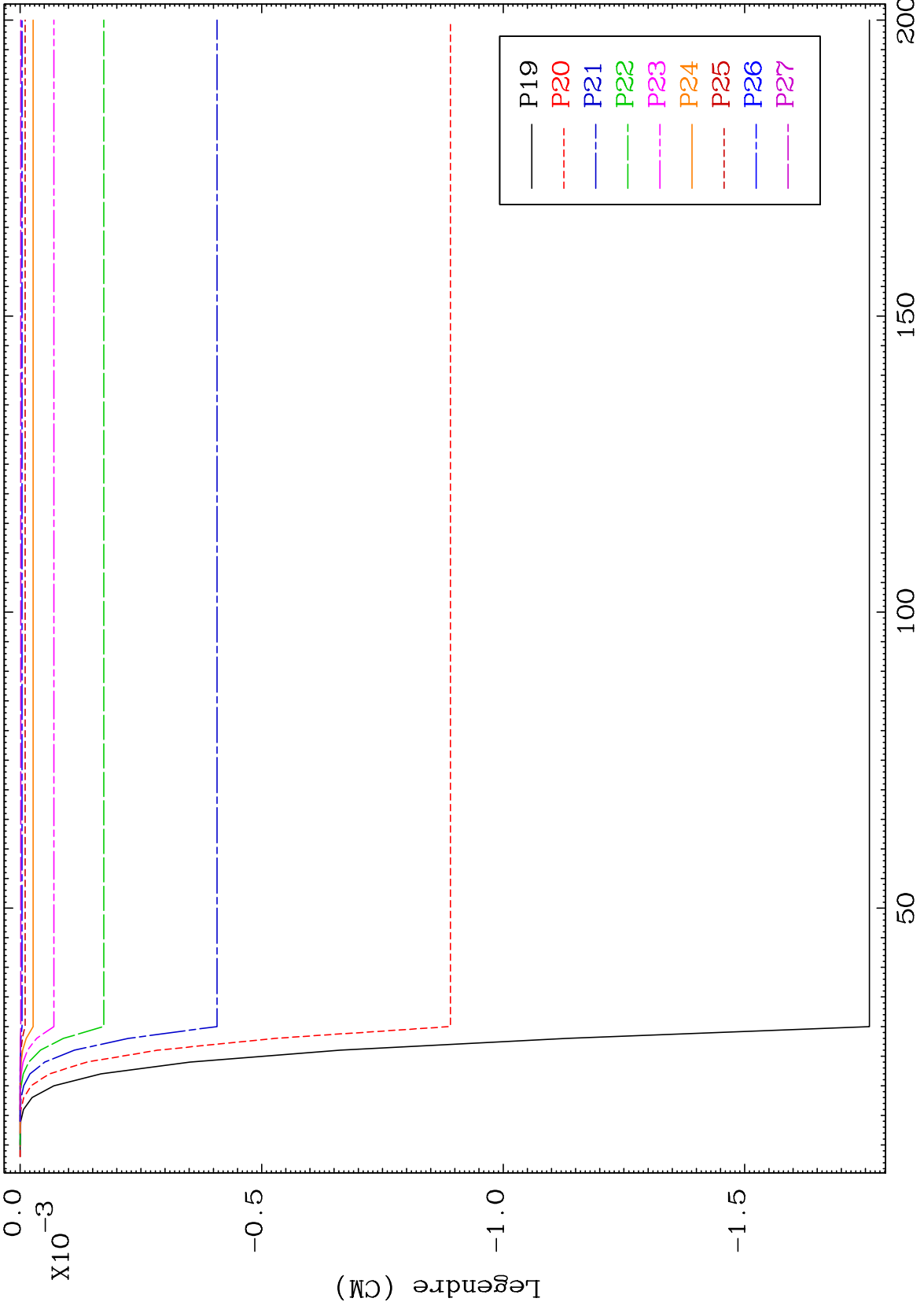


MAT 4040 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-95



88 Incident Energy (MeV) 40-Zr-95

MAT 4040 MT= 68 (n,n') Level Legendre Coefficients 40-Zr-95

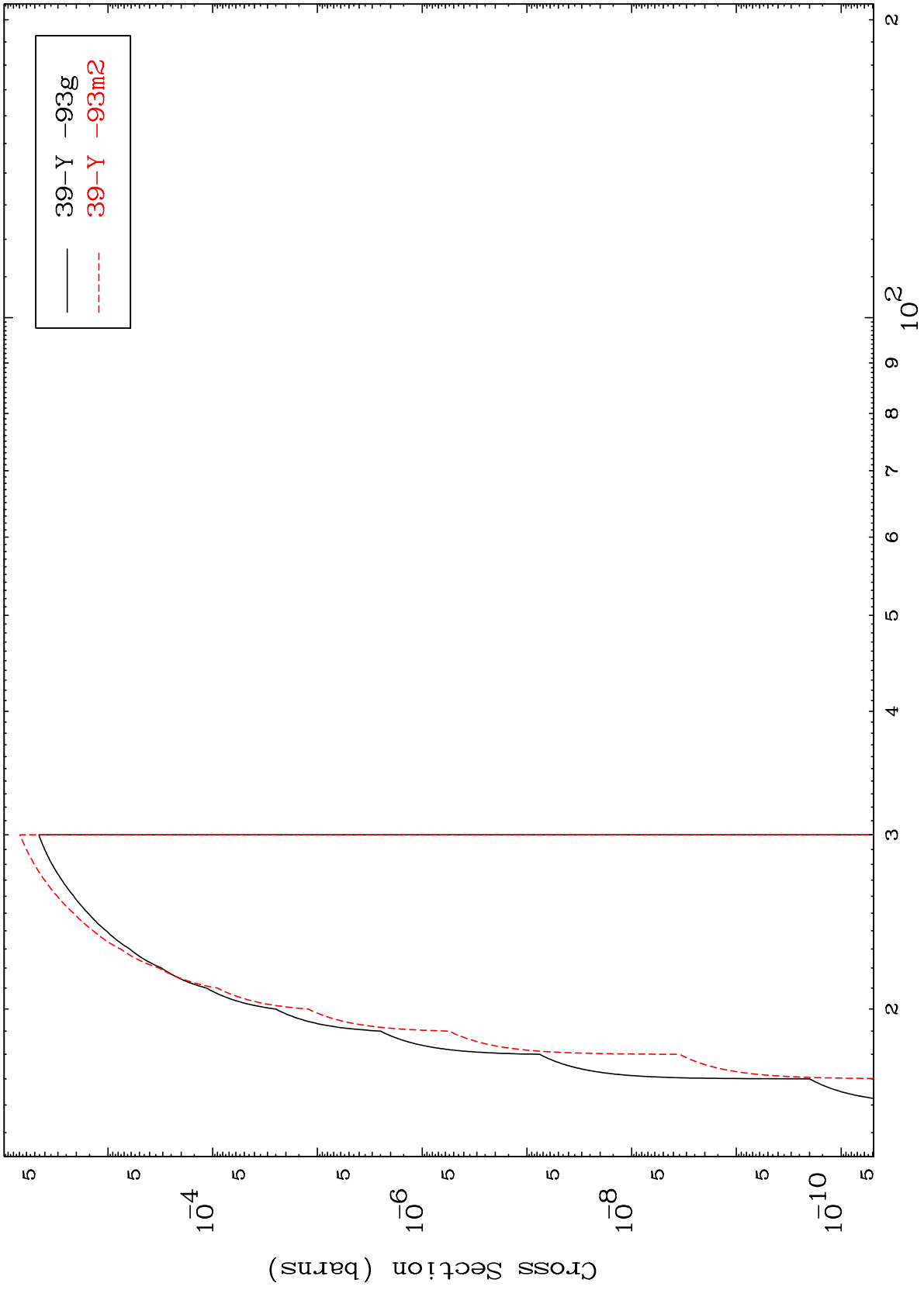


MAT 4040

(n,n') d

40-Zr-95

Radionuclide Production Cross Section



39-Y-93g
39-Y-93m2

91

Incident Energy (MeV)

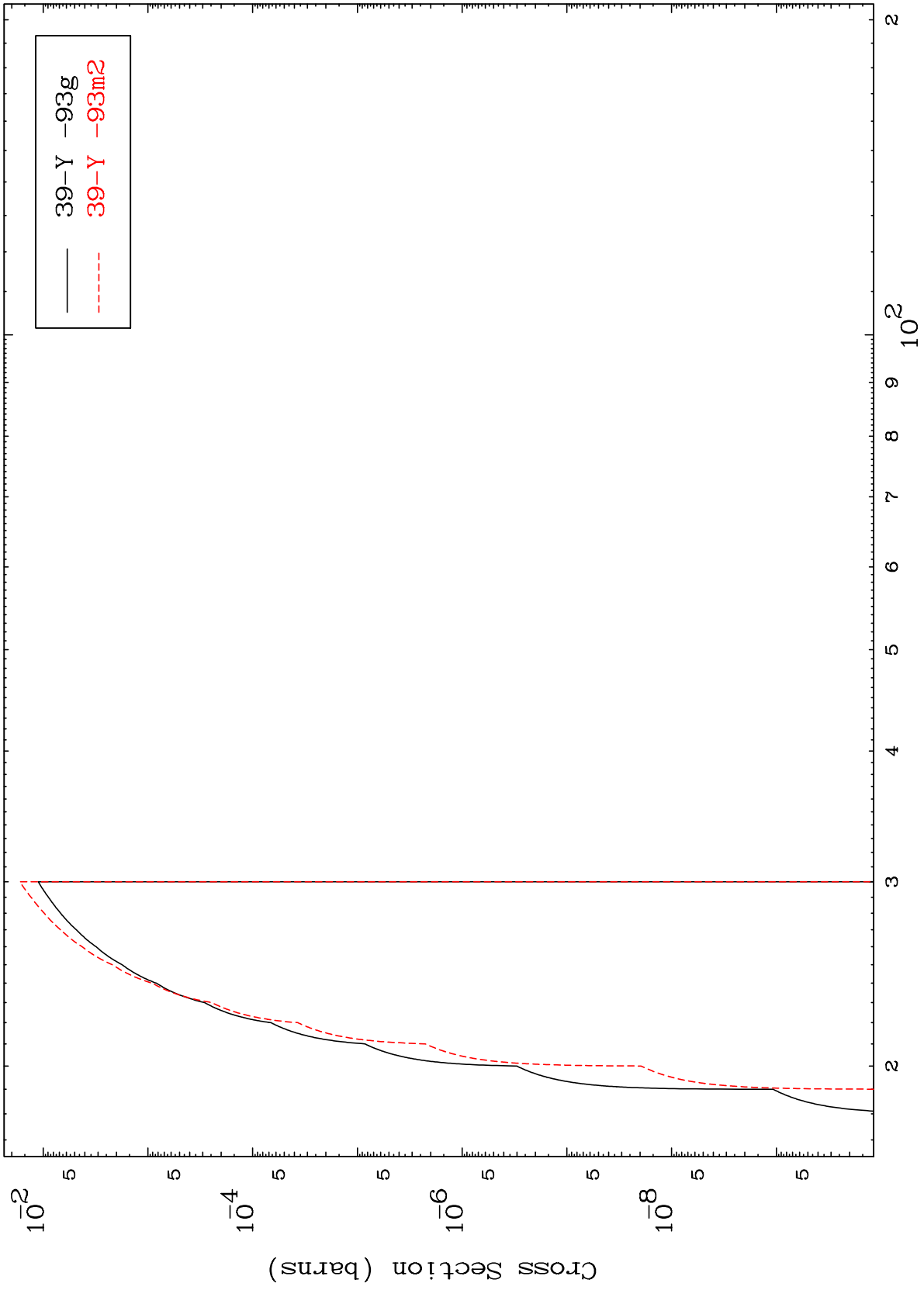
40-Zr-95

MAT 4040

(n,2n) p

40-Zr-95

Radionuclide Production Cross Section



92

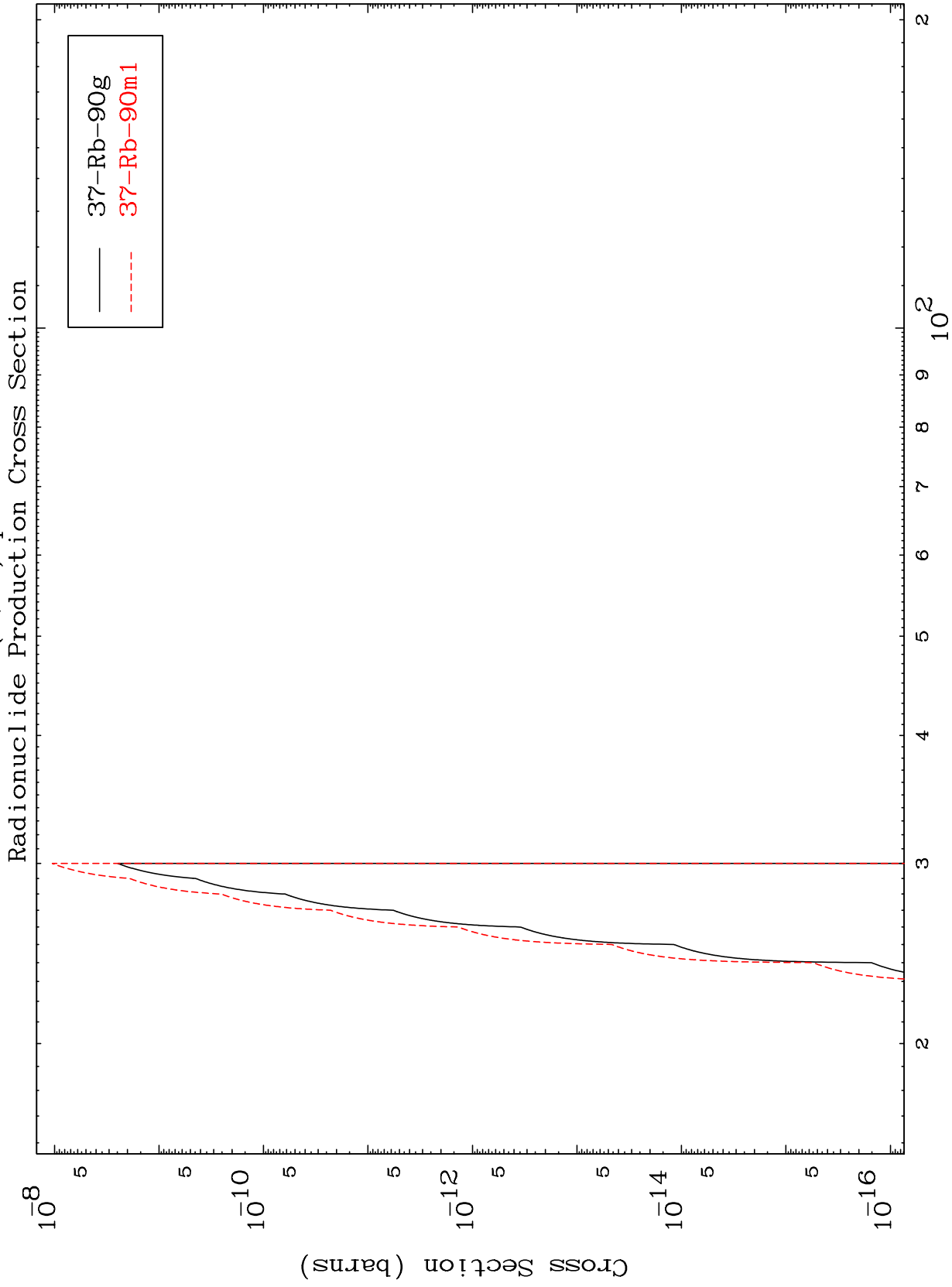
Incident Energy (MeV)

40-Zr-95

MAT 4040

(n,n') p α

40-Zr-95



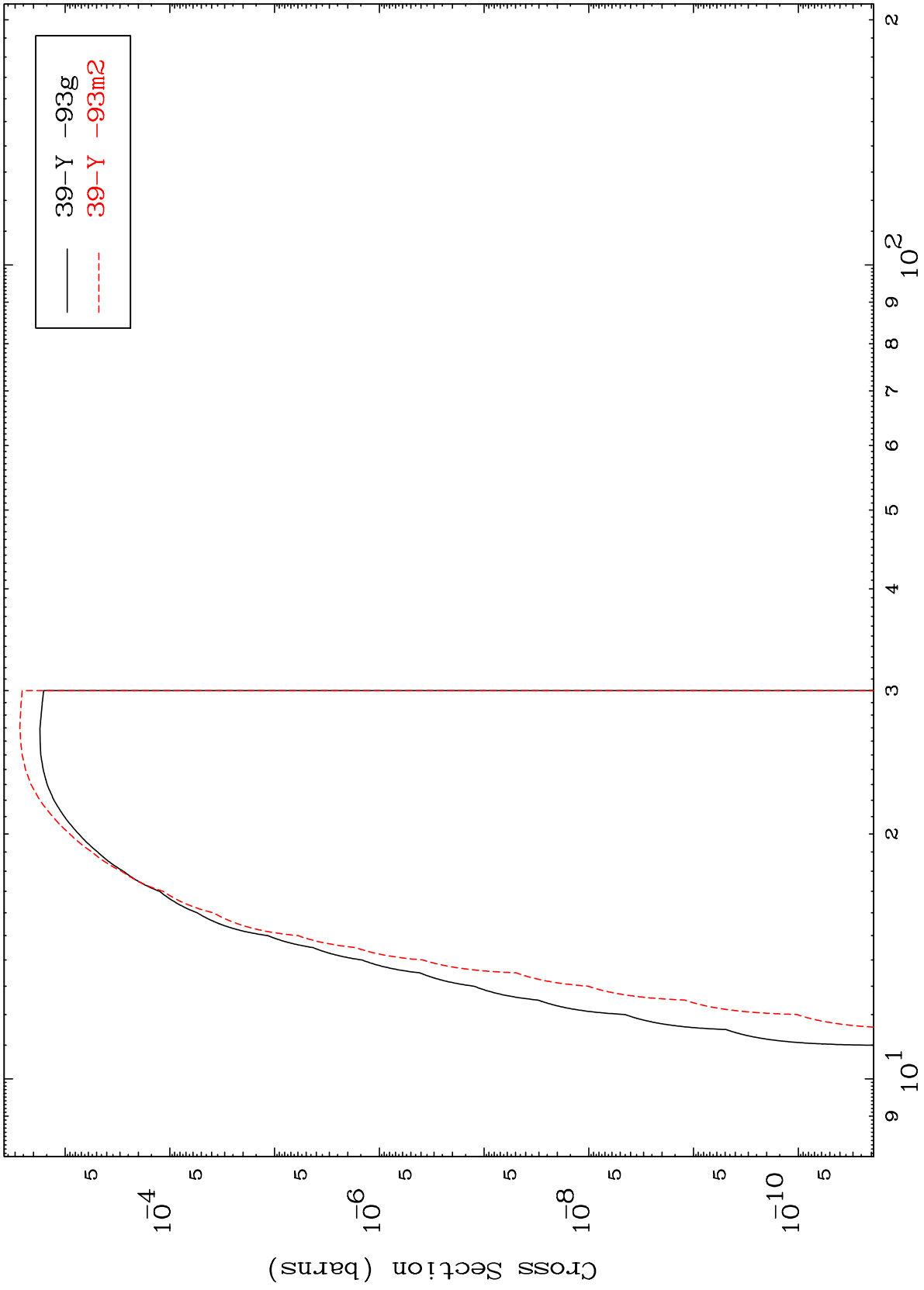
93

40-Zr-95

MAT 4040

Radionuclide Production Cross Section
(n, t)

40-Zr-95



94

Incident Energy (MeV)

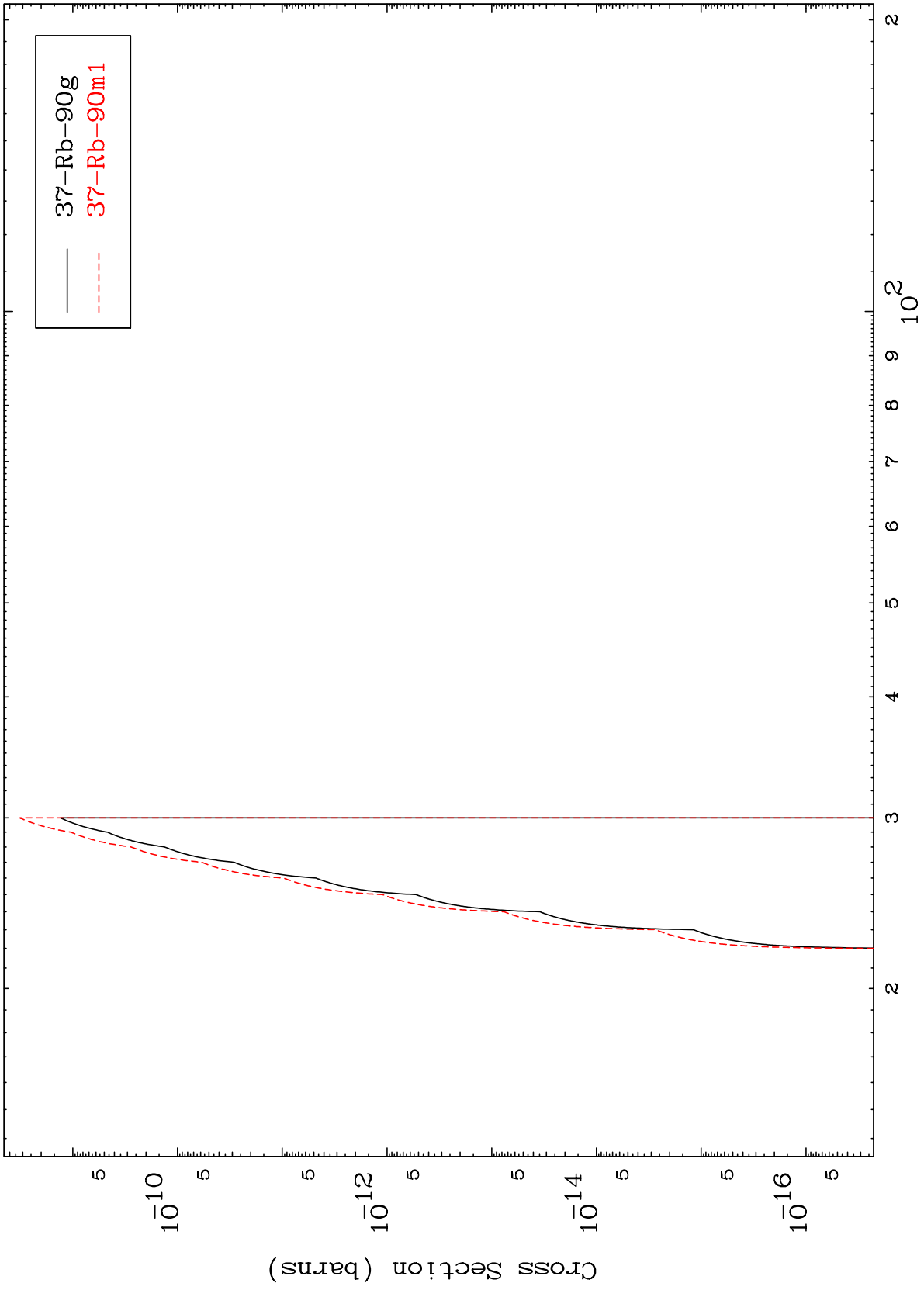
40-Zr-95

MAT 4040

(n,d) α

40-Zr-95

Radionuclide Production Cross Section



95

Incident Energy (MeV)

40-Zr-95