

Program EVALPLOT
(Version 2018-1)

by

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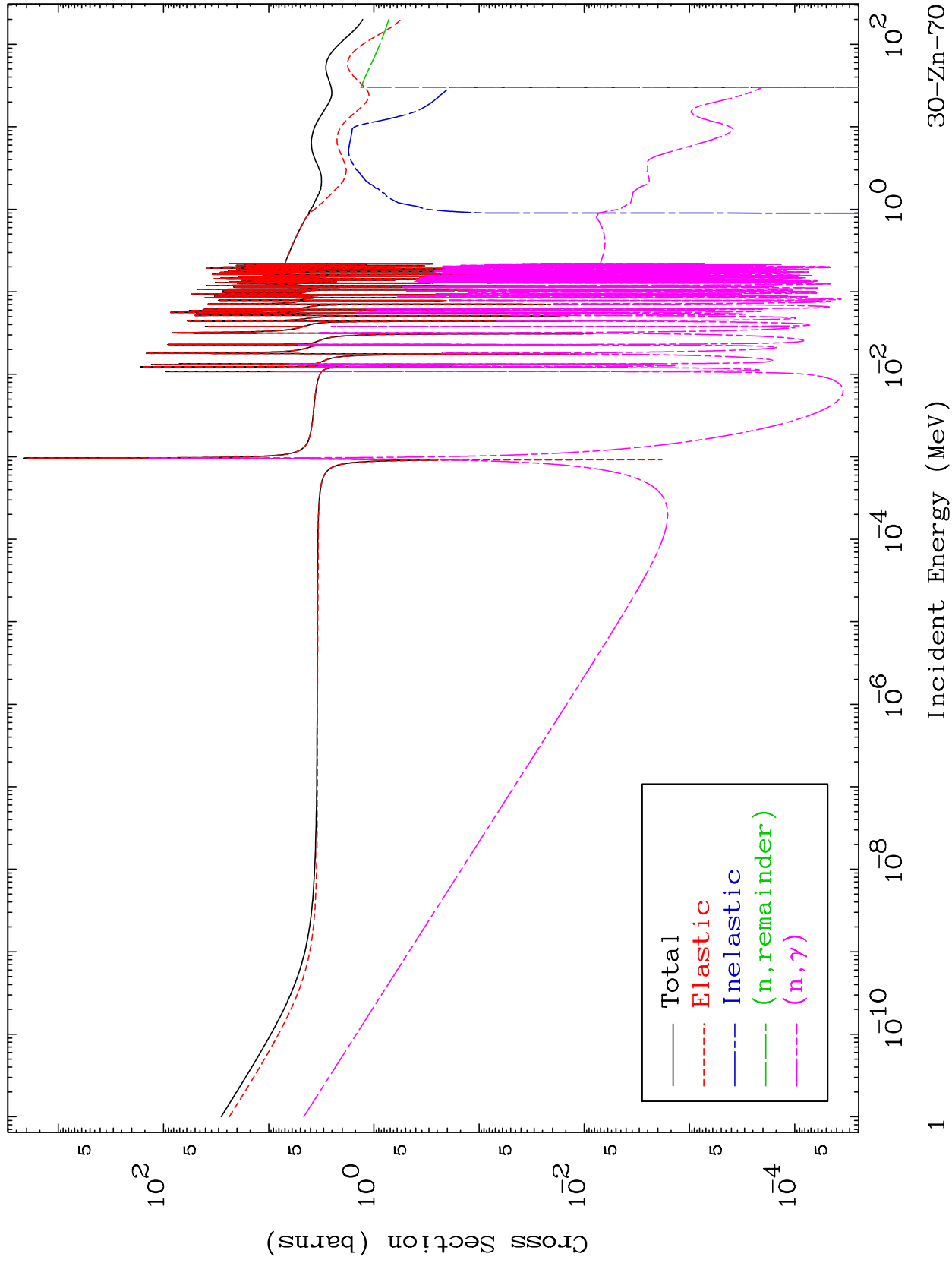
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3043

Major
293 Kelvin Cross Sections

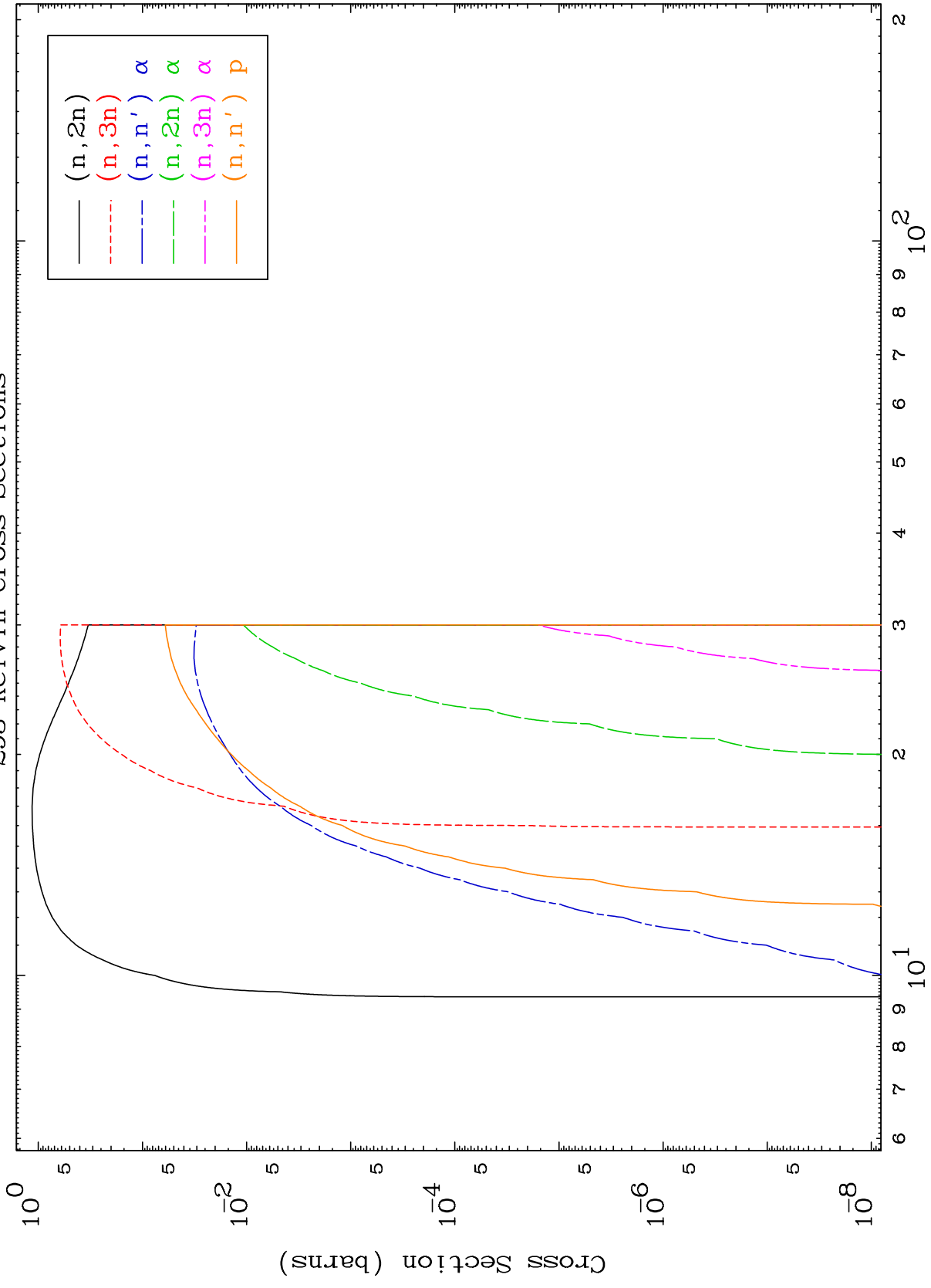
30-Zn-70



MAT 3043

Neutron Production
293 Kelvin Cross Sections

30-Zn-70



2

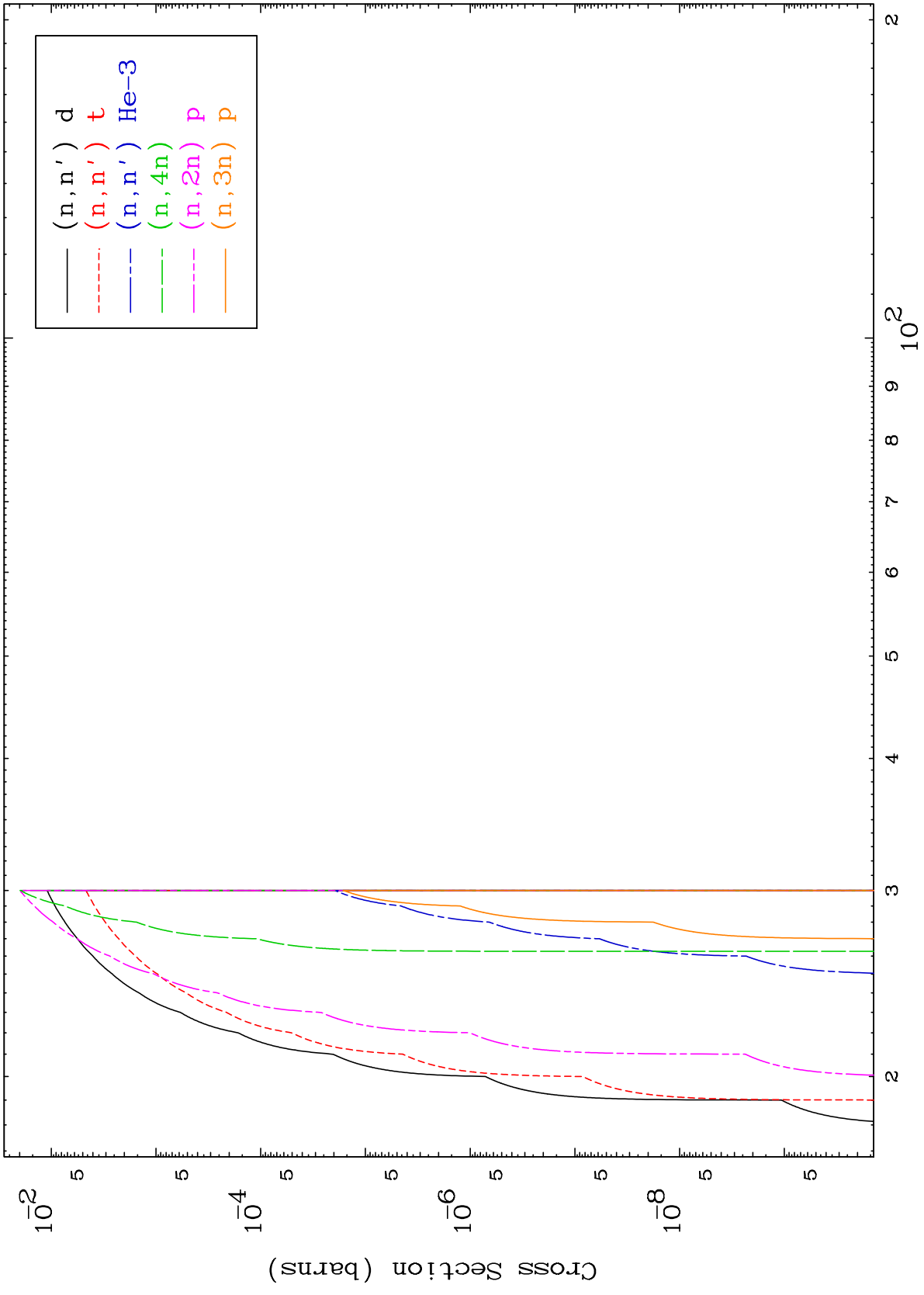
Incident Energy (MeV)

30-Zn-70

MAT 3043

Neutron Production
293 Kelvin Cross Sections

30-Zn-70



3

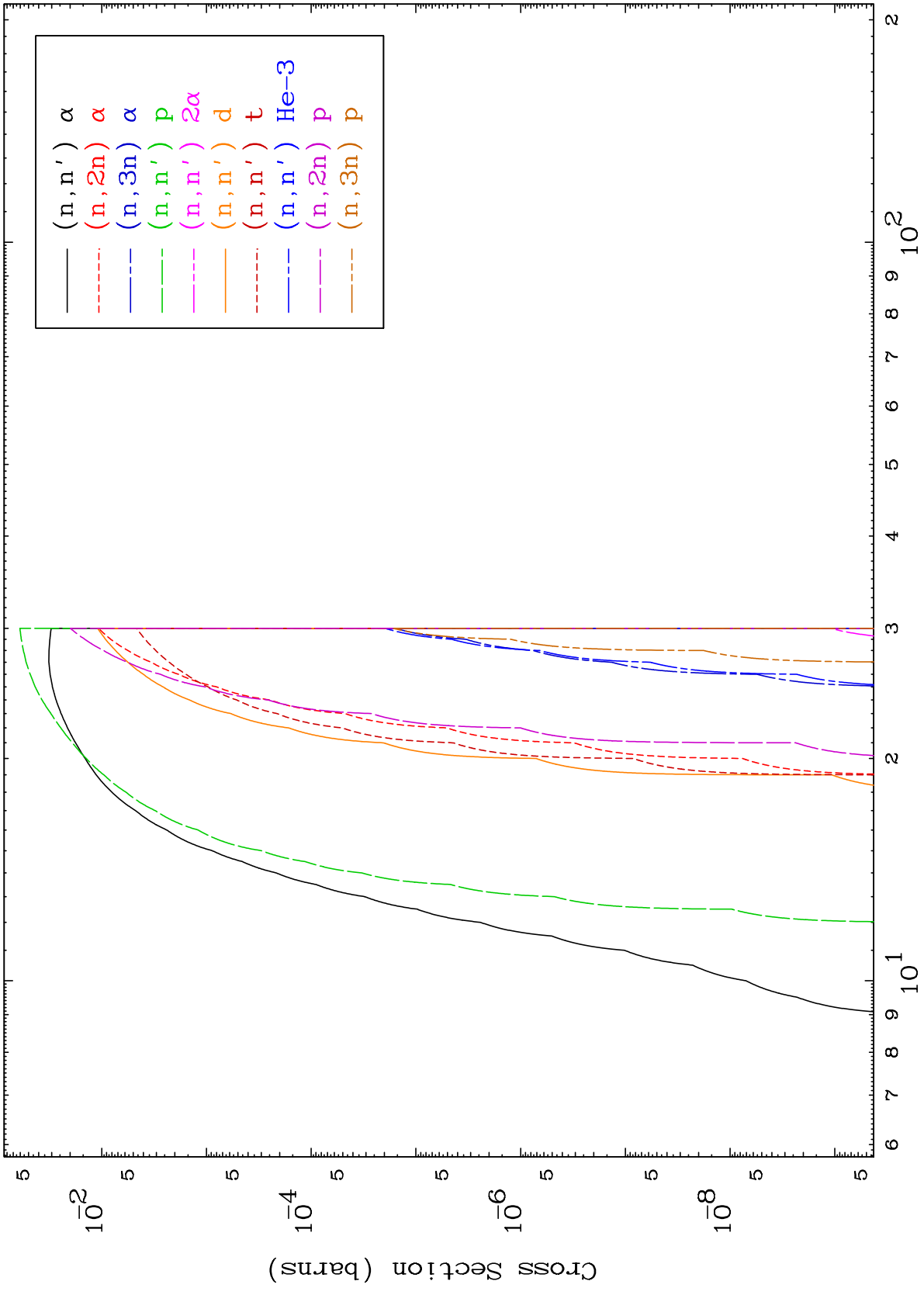
Incident Energy (MeV)

30-Zn-70

MAT 3043

Charged Particle
293 Kelvin Cross Sections

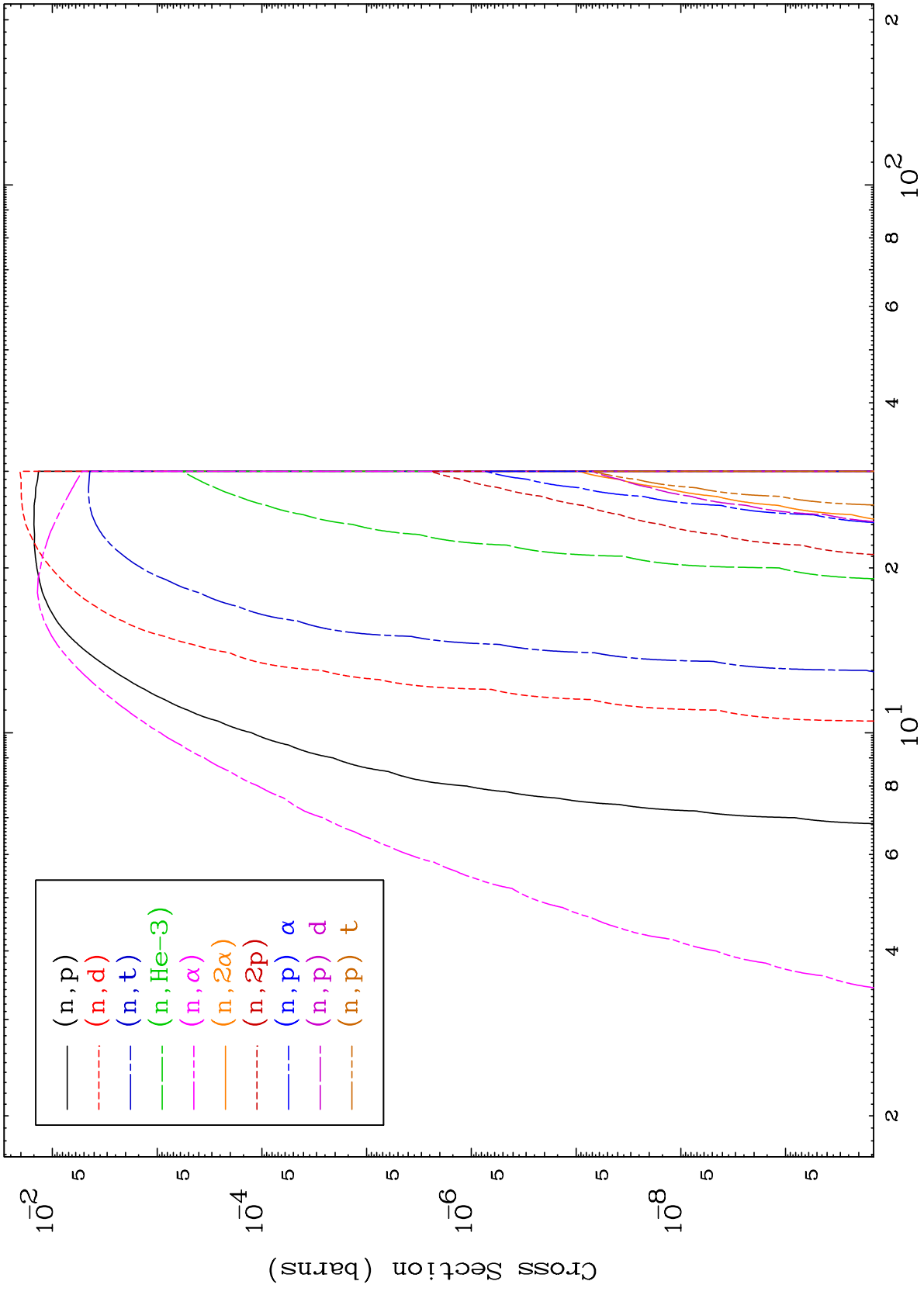
30-Zn-70



MAT 3043

Charged Particle
293 Kelvin Cross Sections

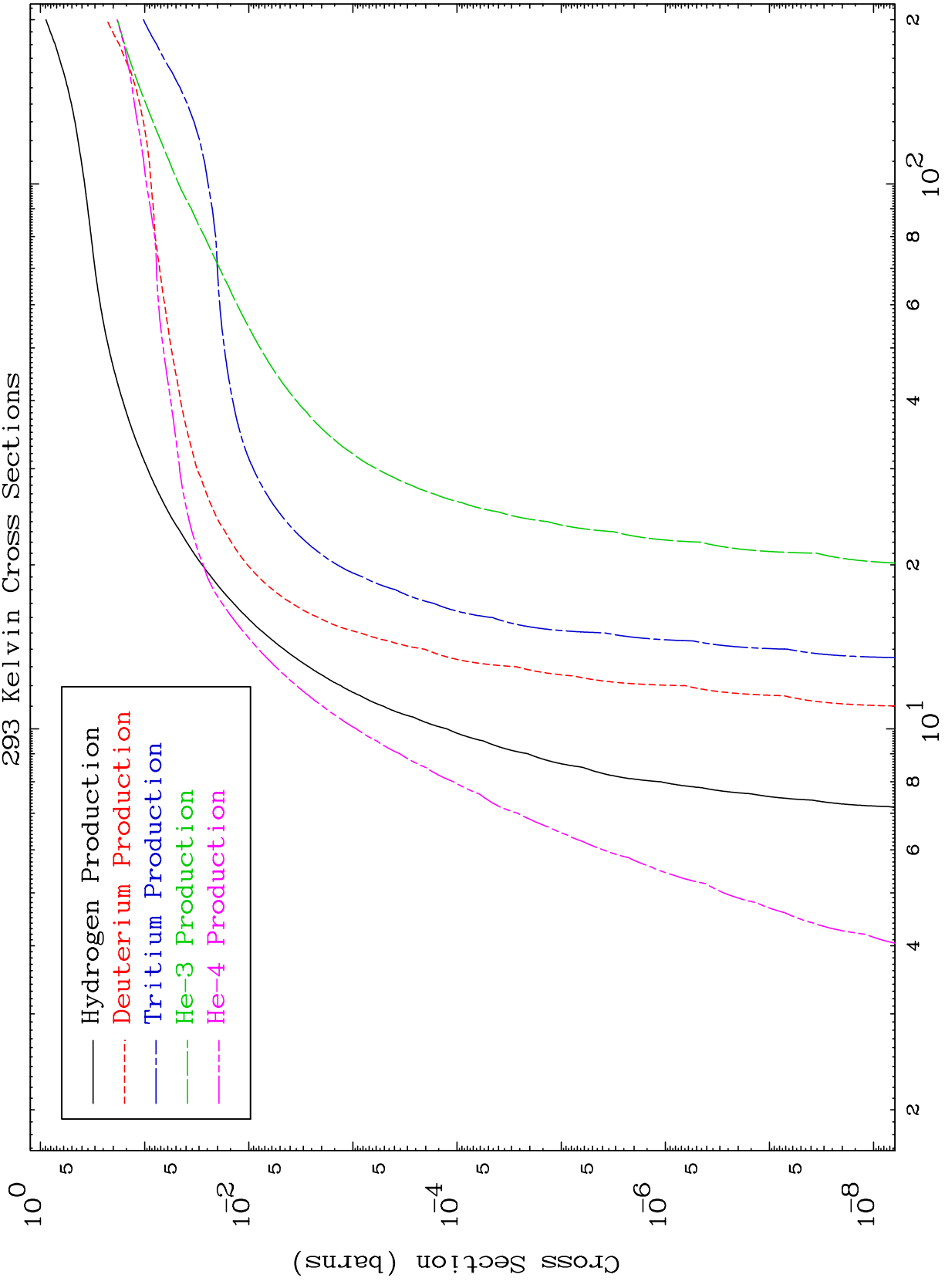
30-Zn-70



MAT 3043

Particle Production
293 Kelvin Cross Sections

30-Zn-70



6

Incident Energy (MeV)

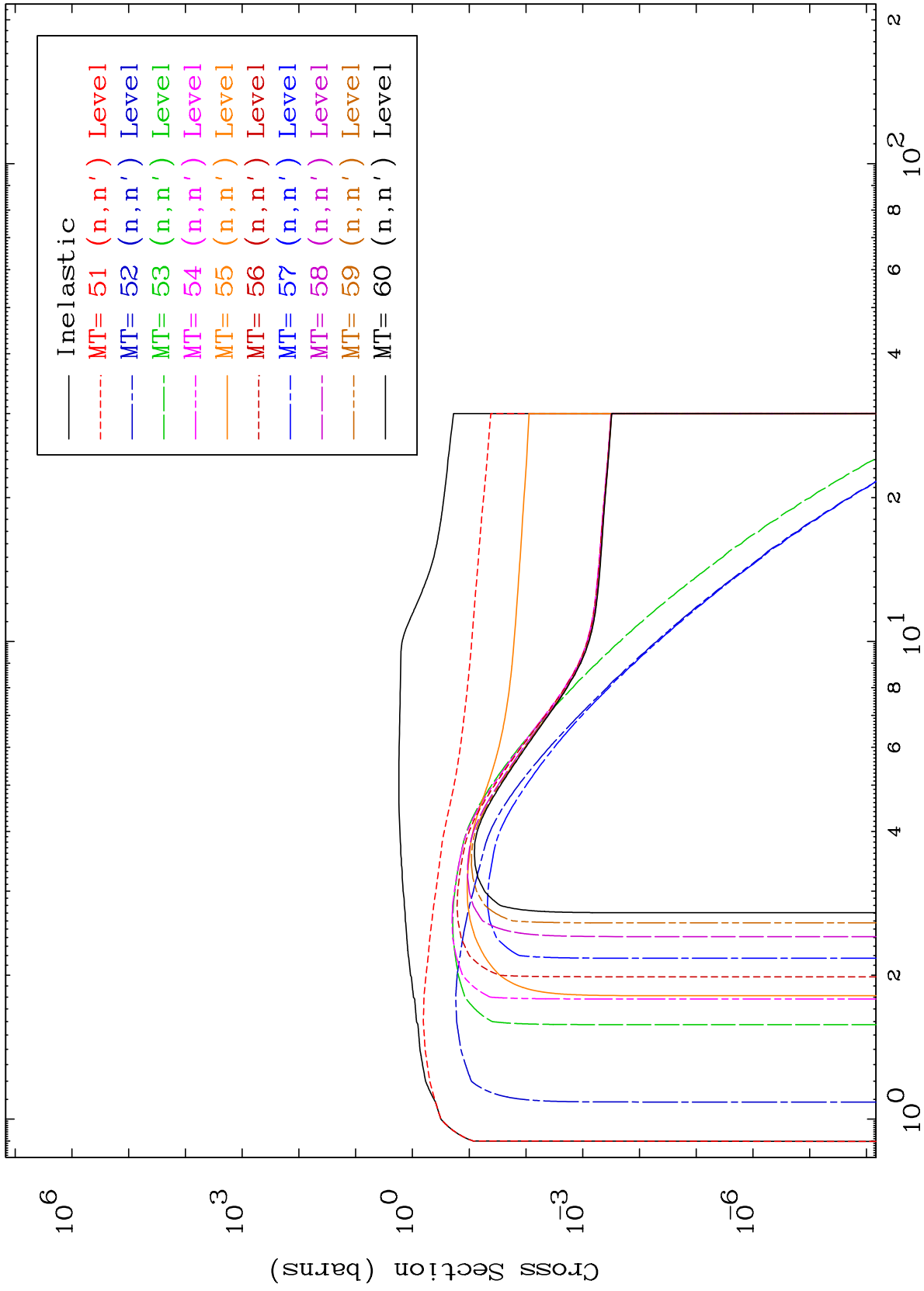
30-Zn-70

MAT 3043

(n,n') Level

30-Zn-70

293 Kelvin Cross Sections



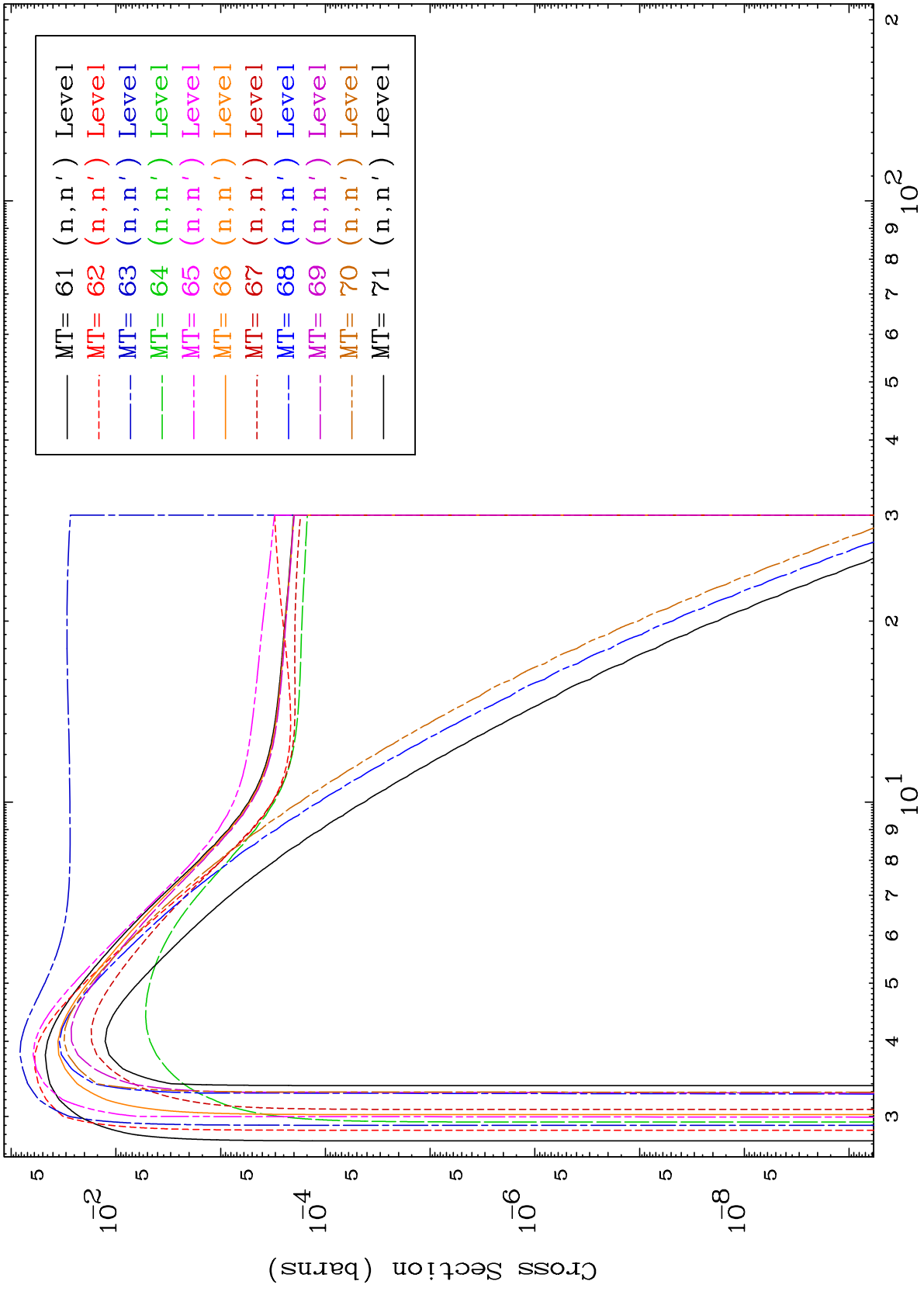
7

MAT 3043

(n,n') Level

30-Zn-70

293 Kelvin Cross Sections



8

Incident Energy (MeV)

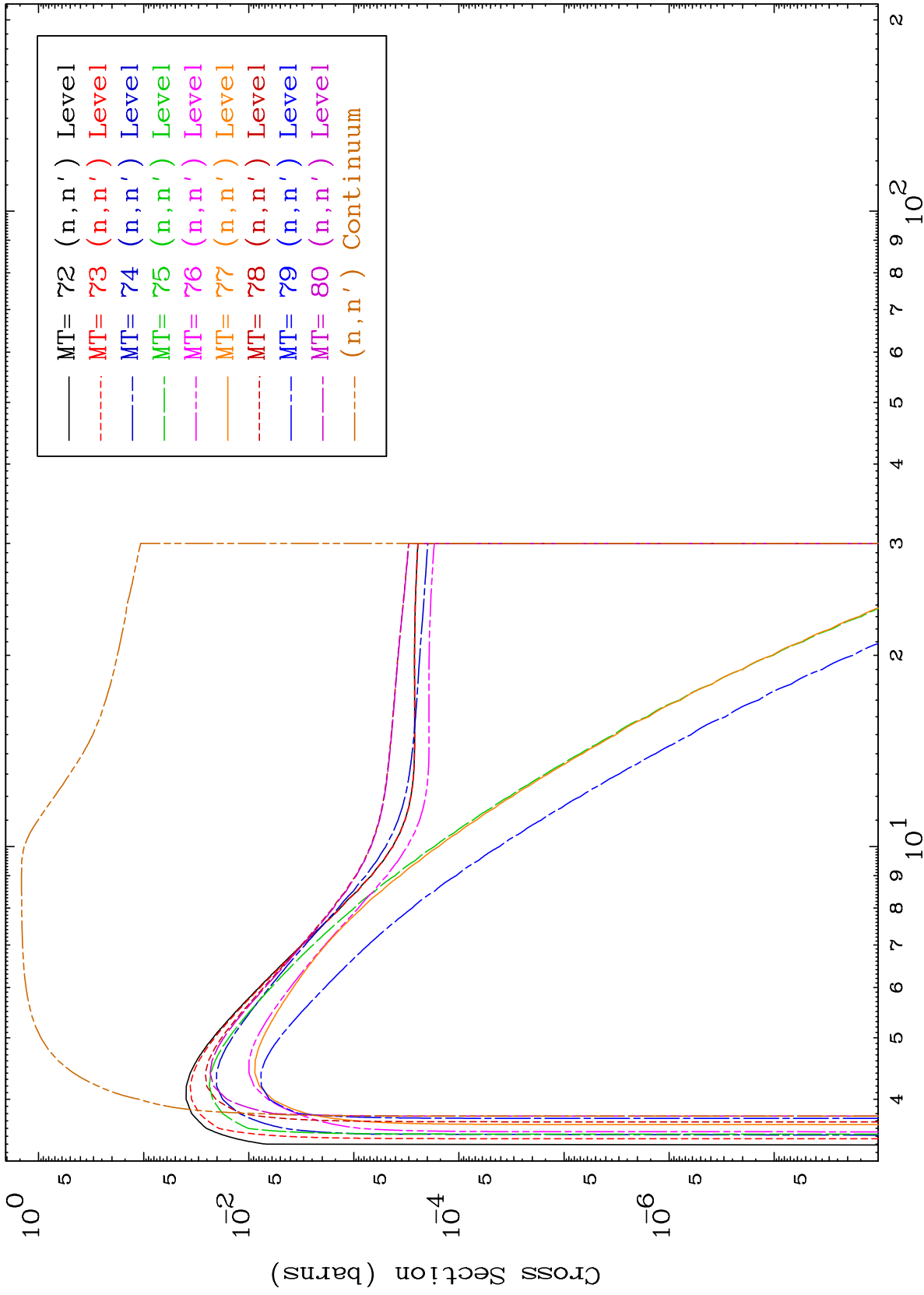
30-Zn-70

MAT 3043

(n,n') Level

30-Zn-70

293 Kelvin Cross Sections



9

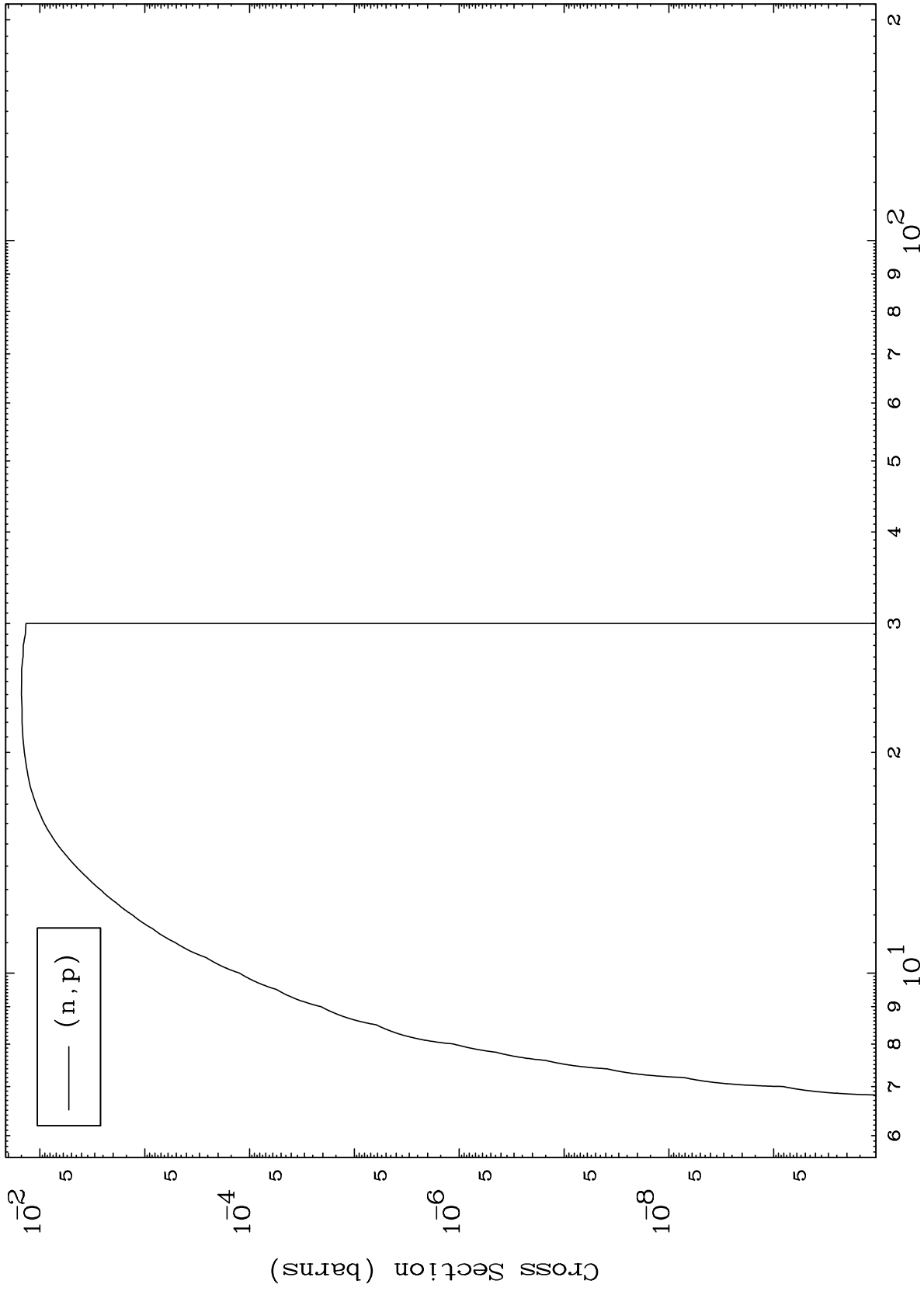
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-70



10

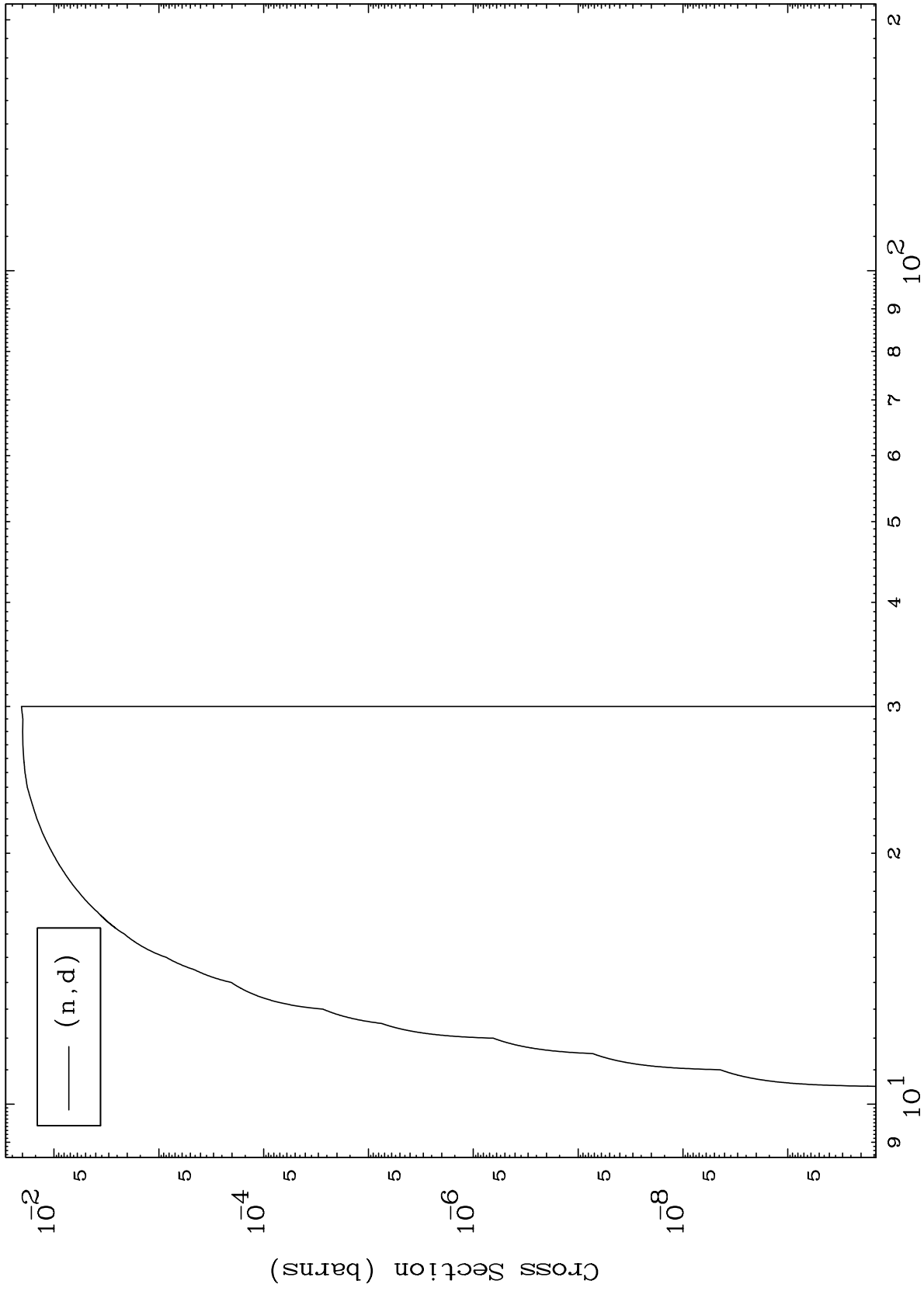
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-70



11

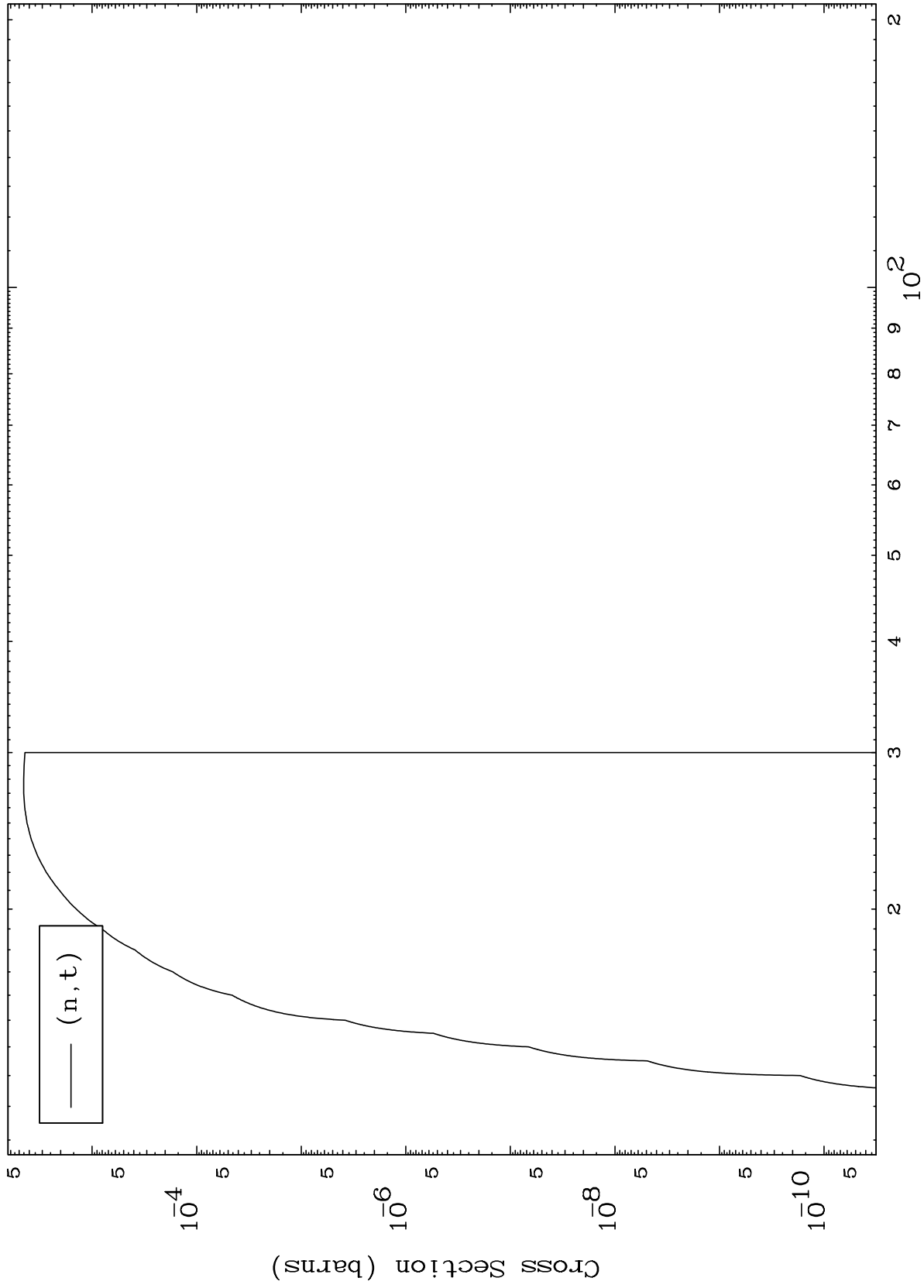
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-70



12

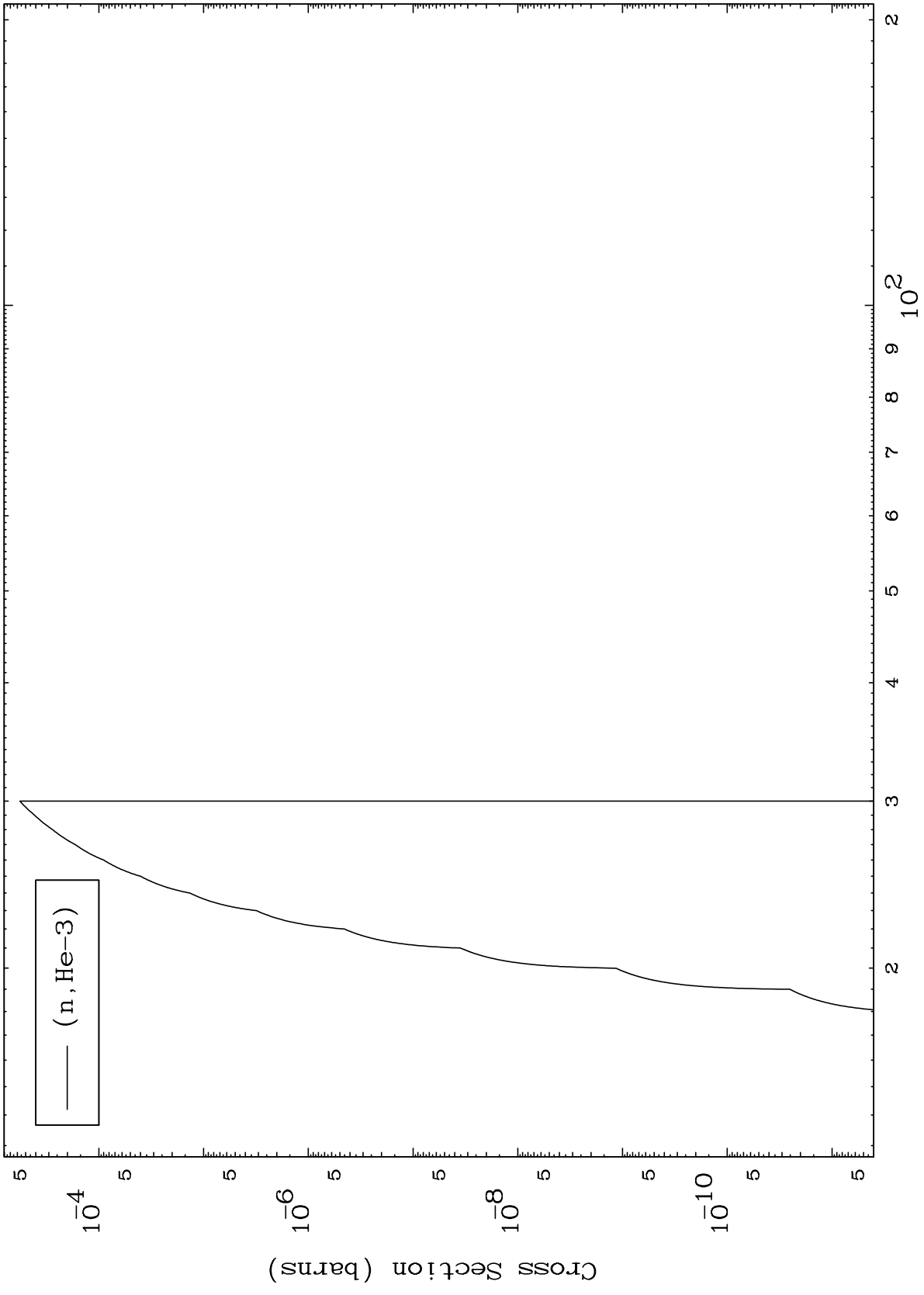
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-70



13

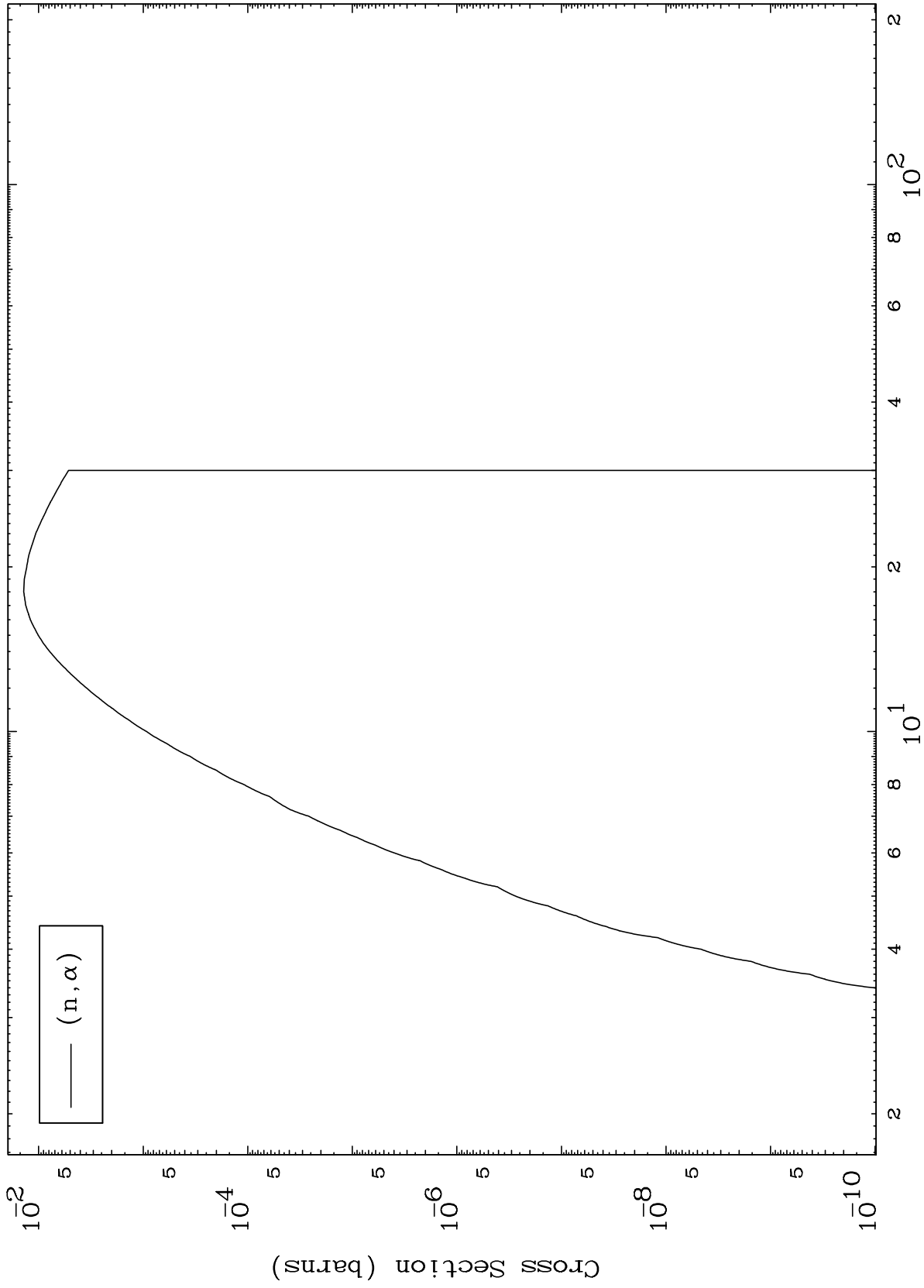
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,α) Levels
293 Kelvin Cross Sections

30-Zn-70



14

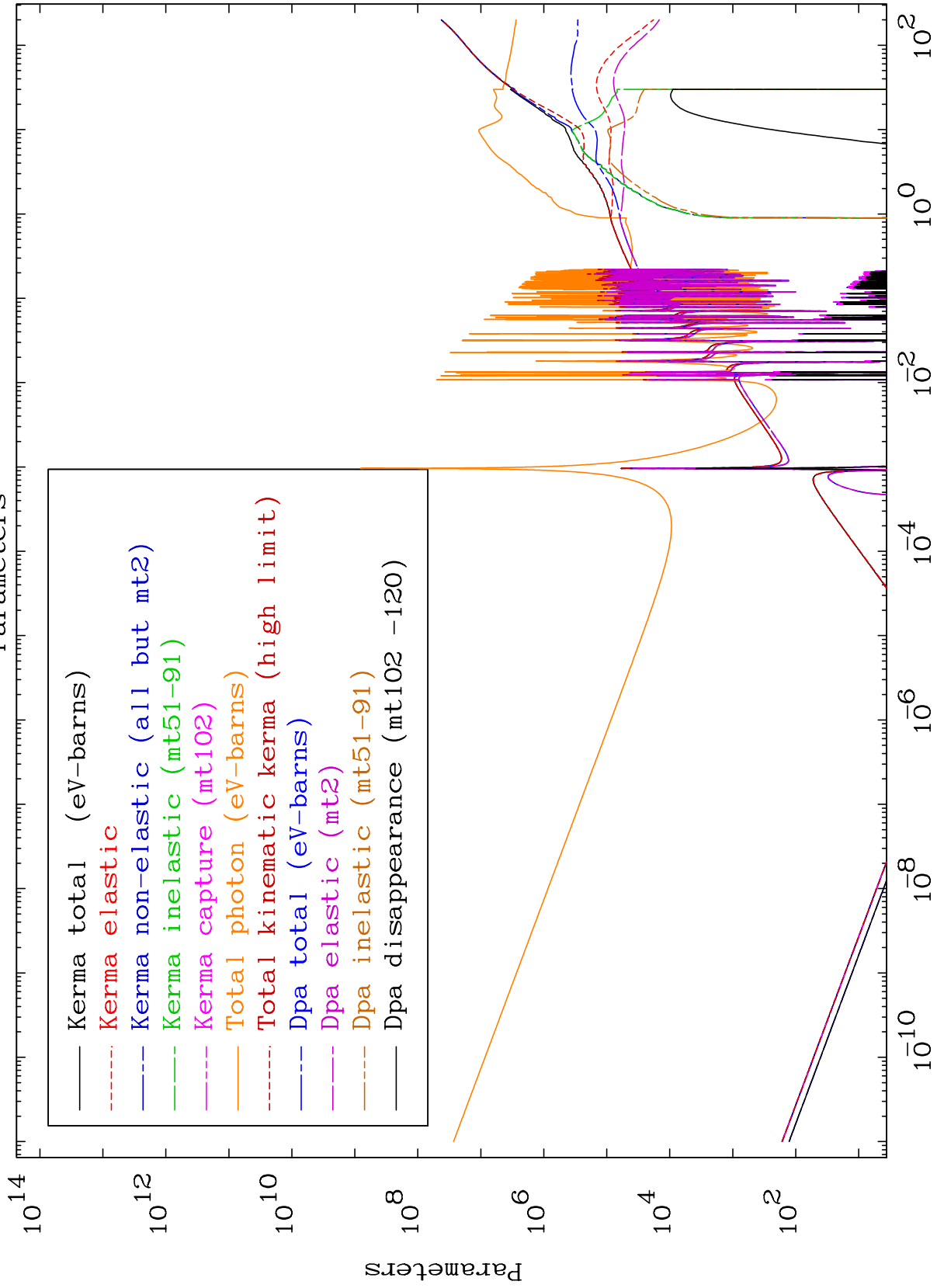
Incident Energy (MeV)

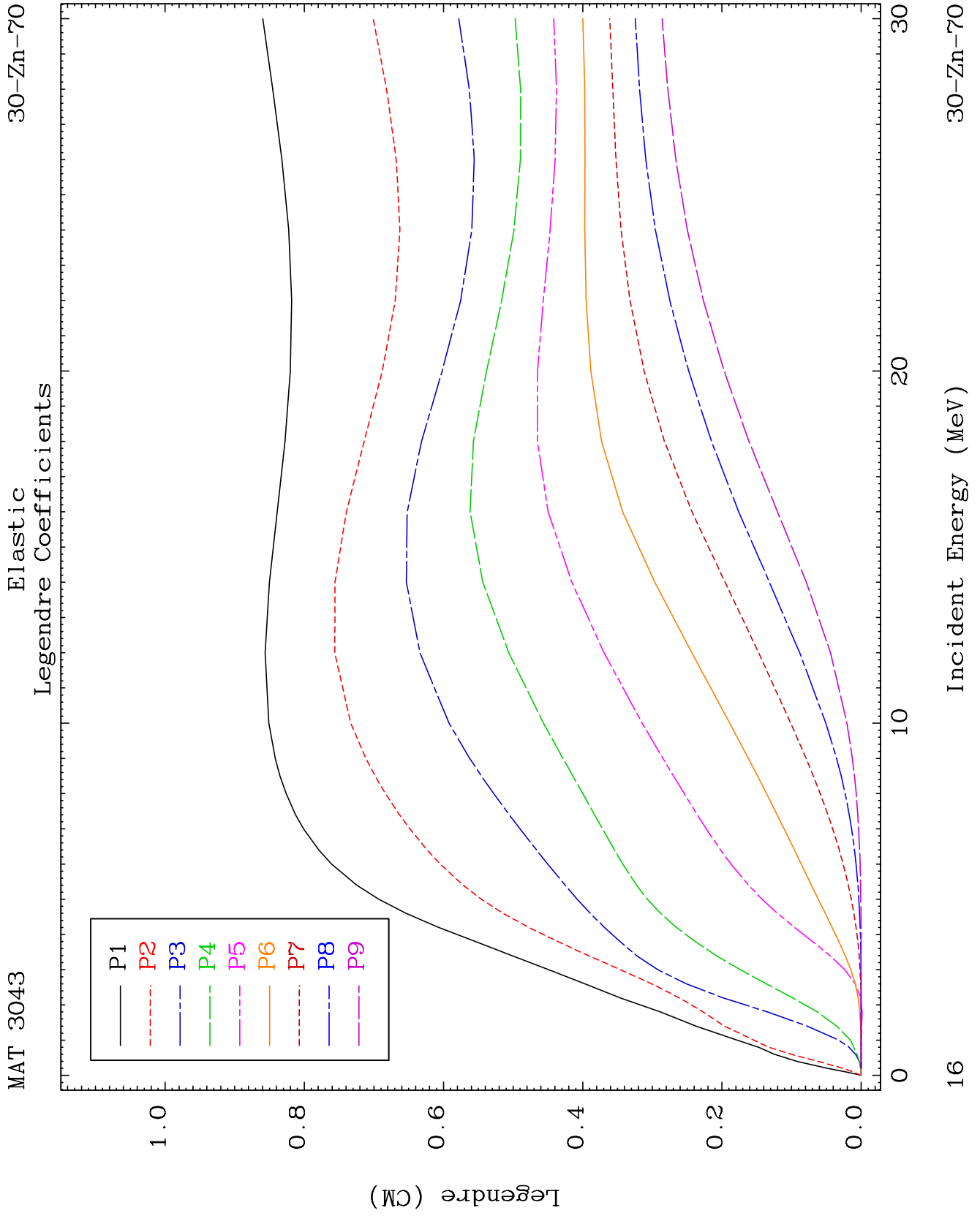
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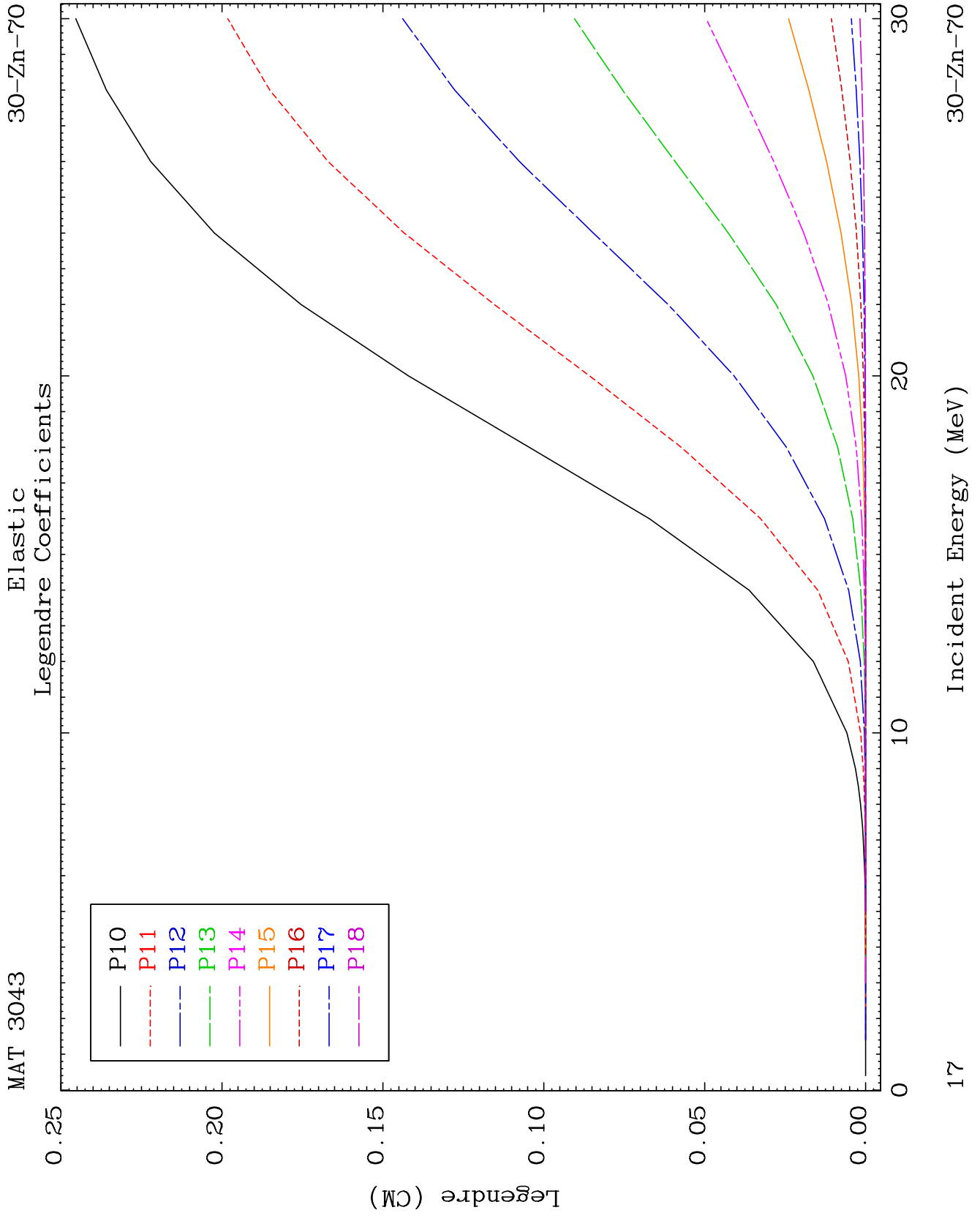
MAT 3043

Energy Release
Parameters

30-Zn-70



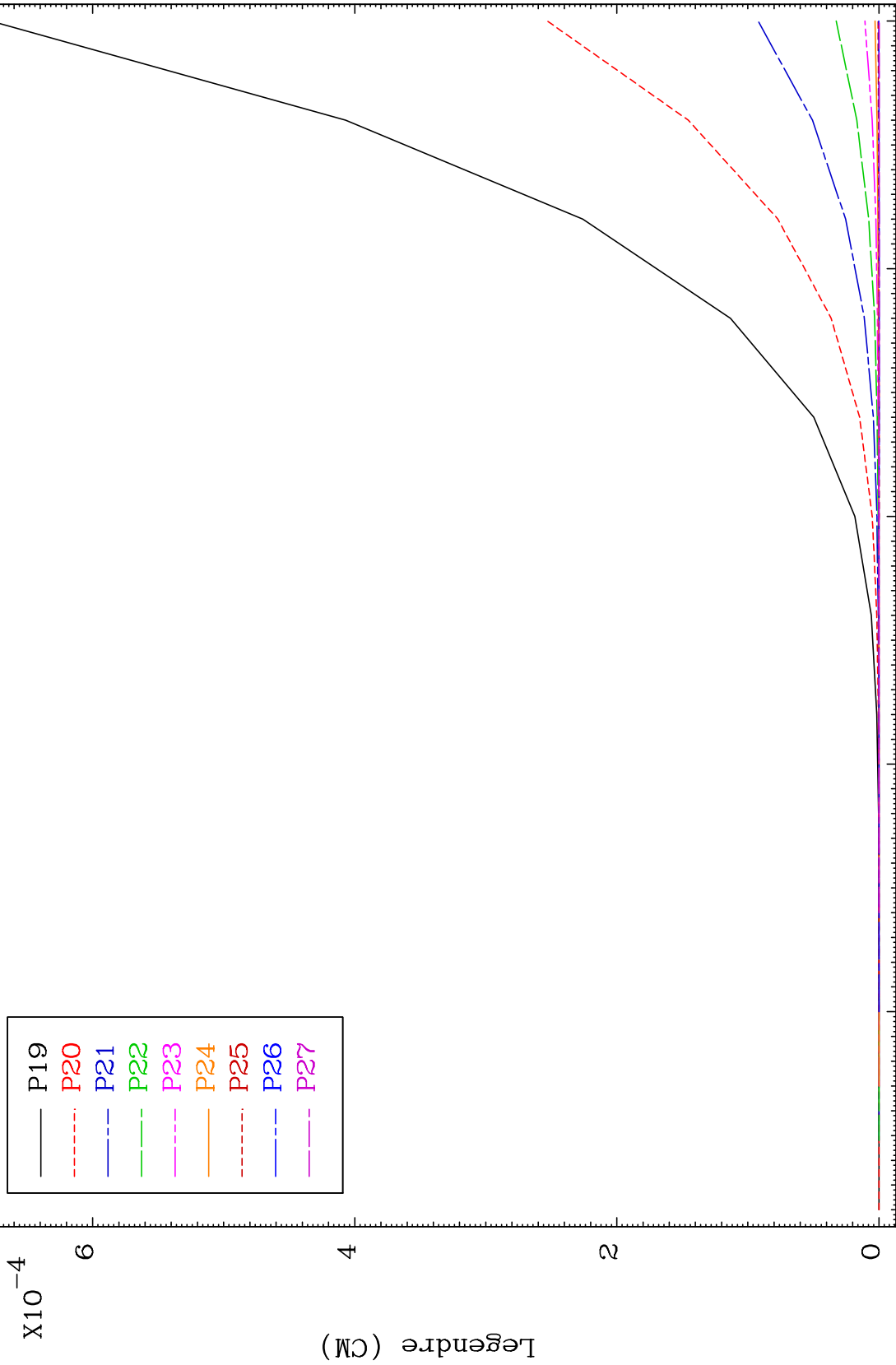
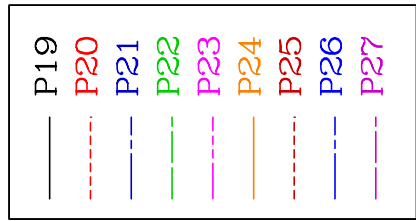




MAT 3043

Elastic
Legendre Coefficients

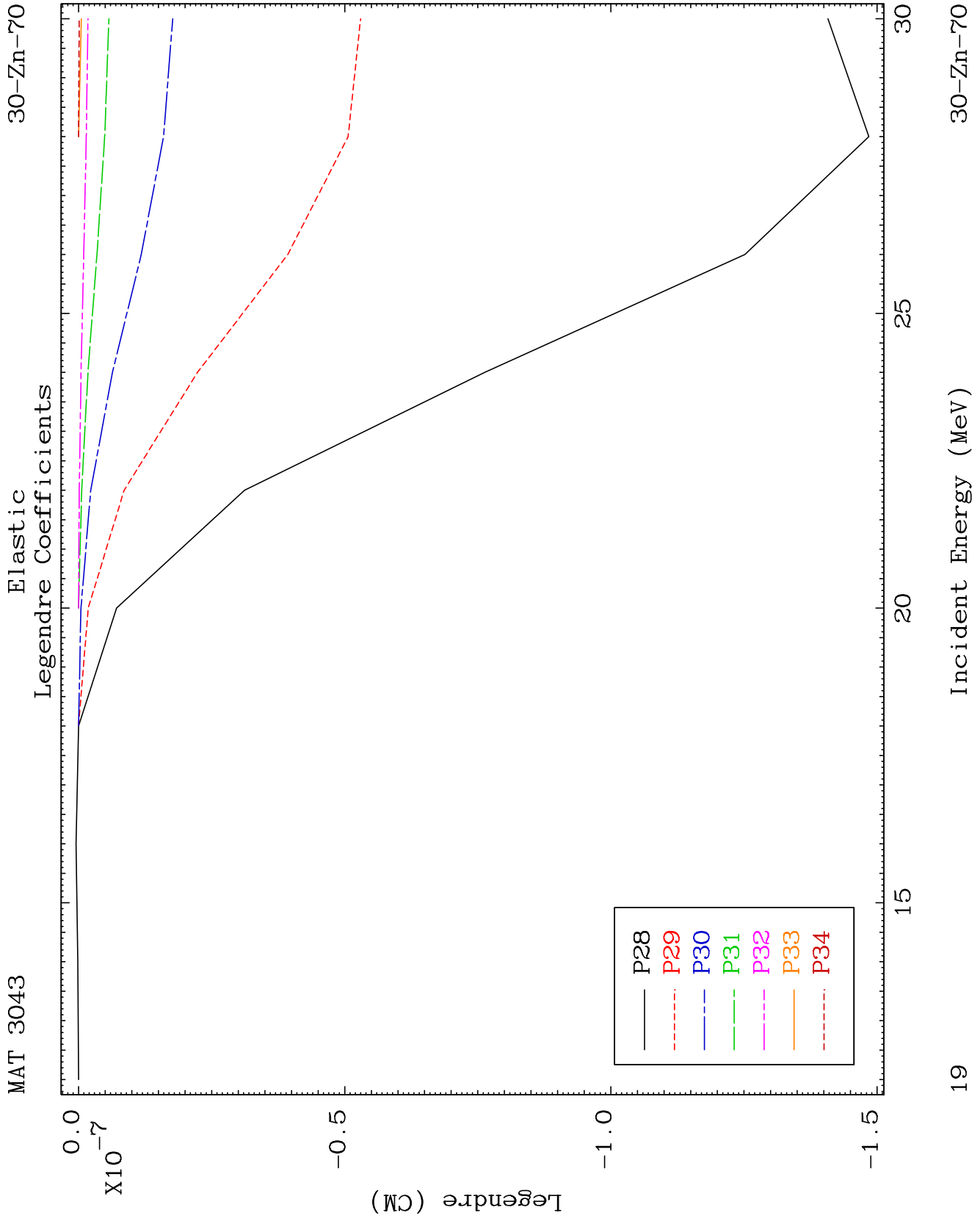
30-Zn-70

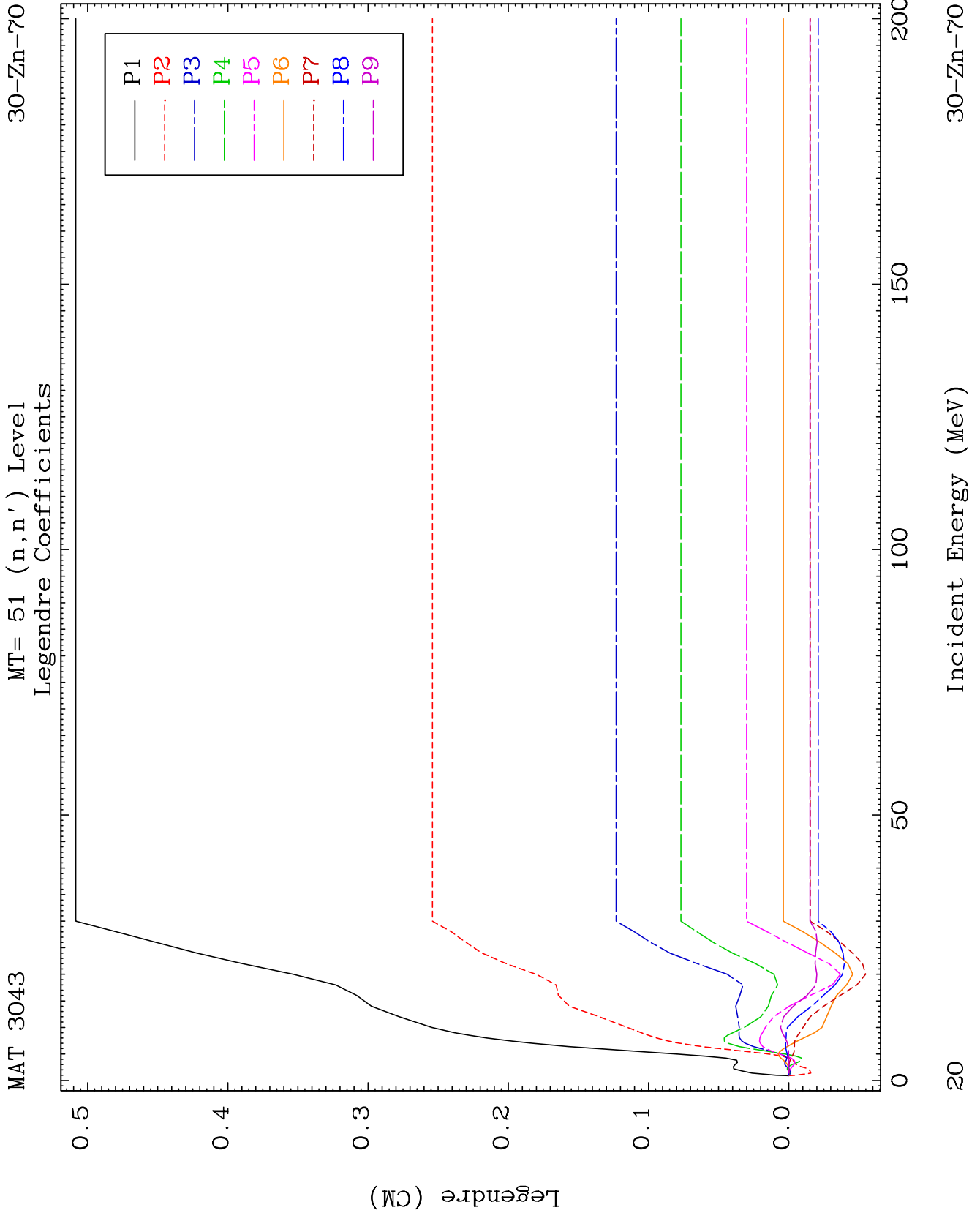


18

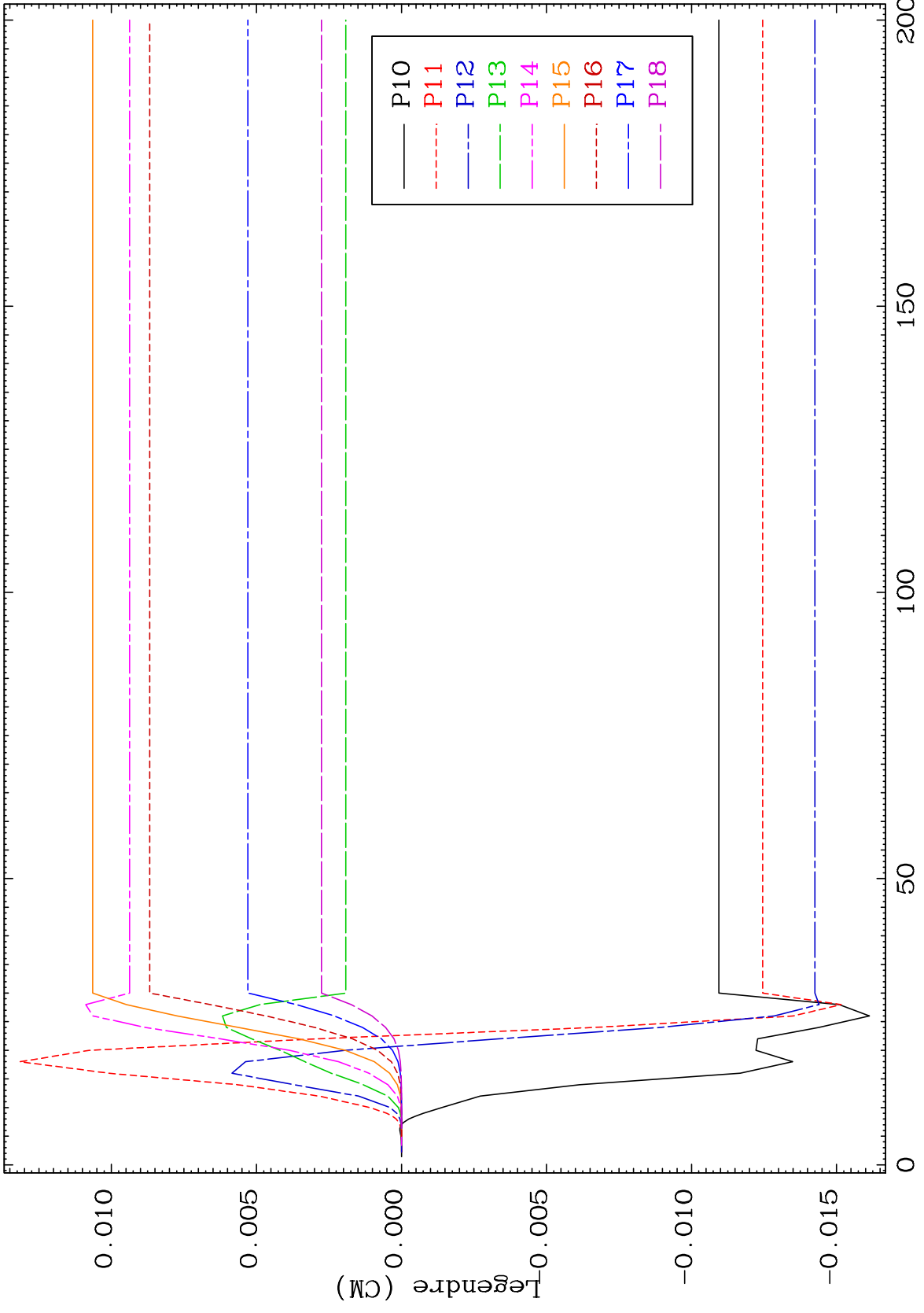
Incident Energy (MeV)

30-Zn-70



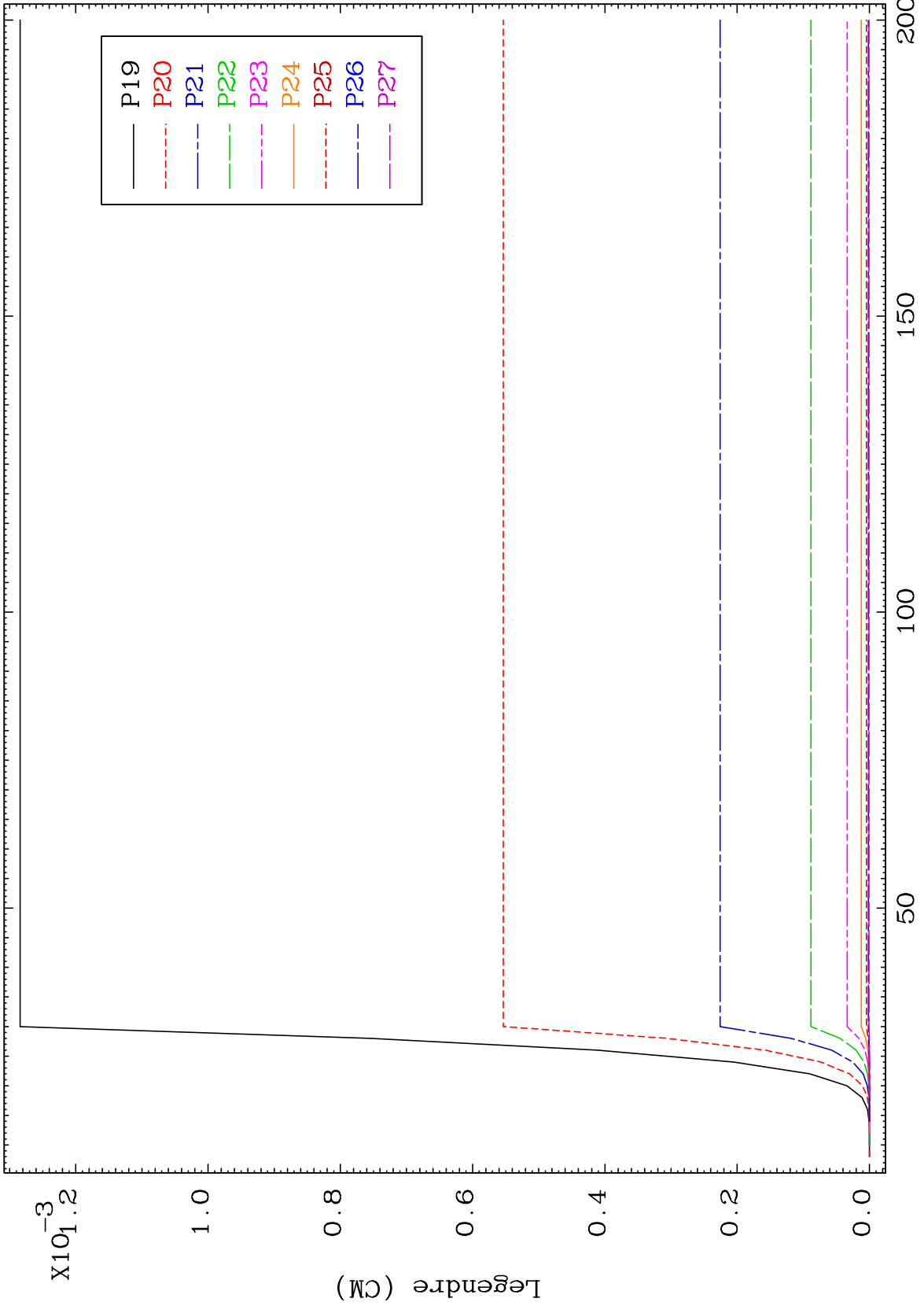


MAT 3043 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-70

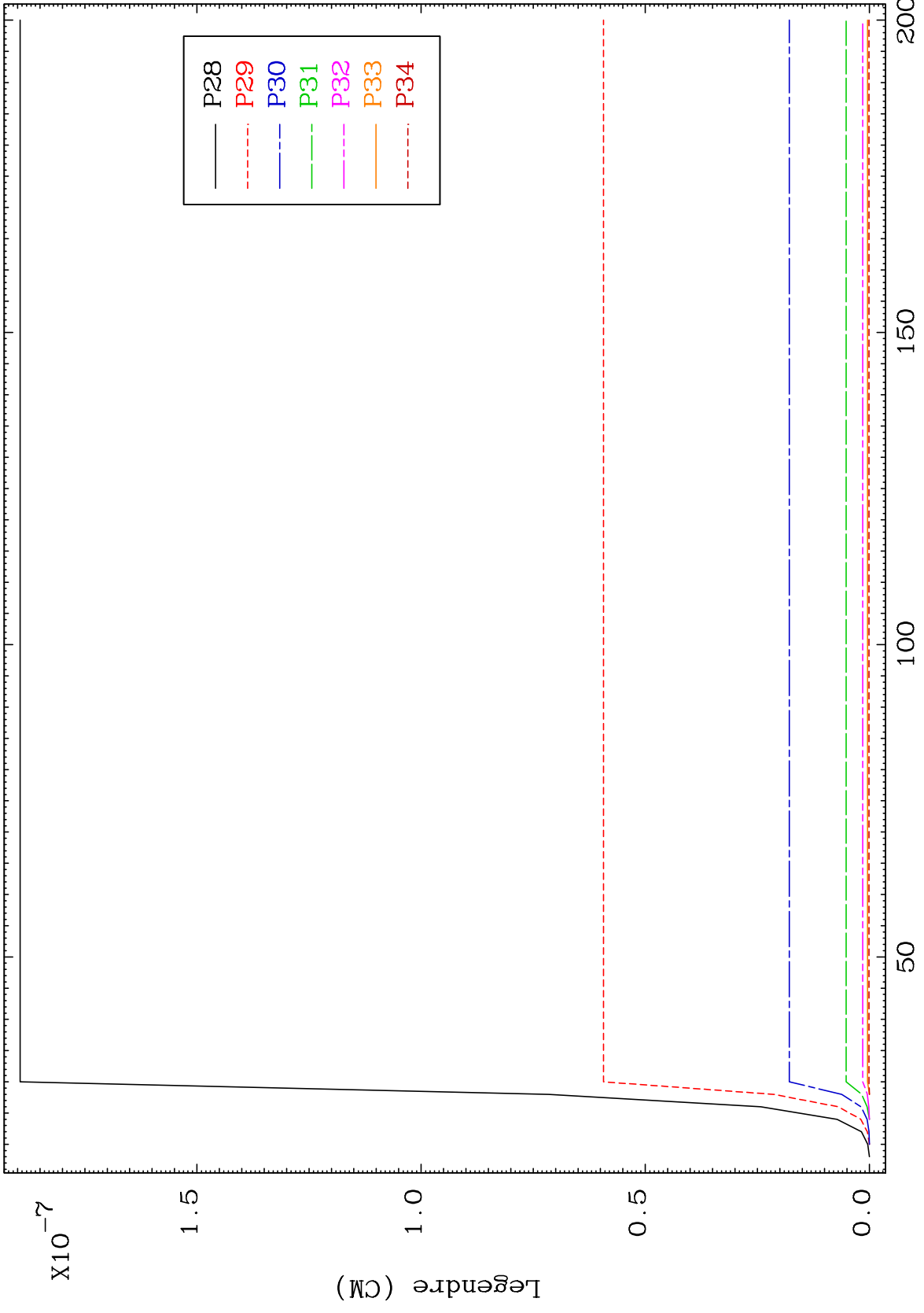


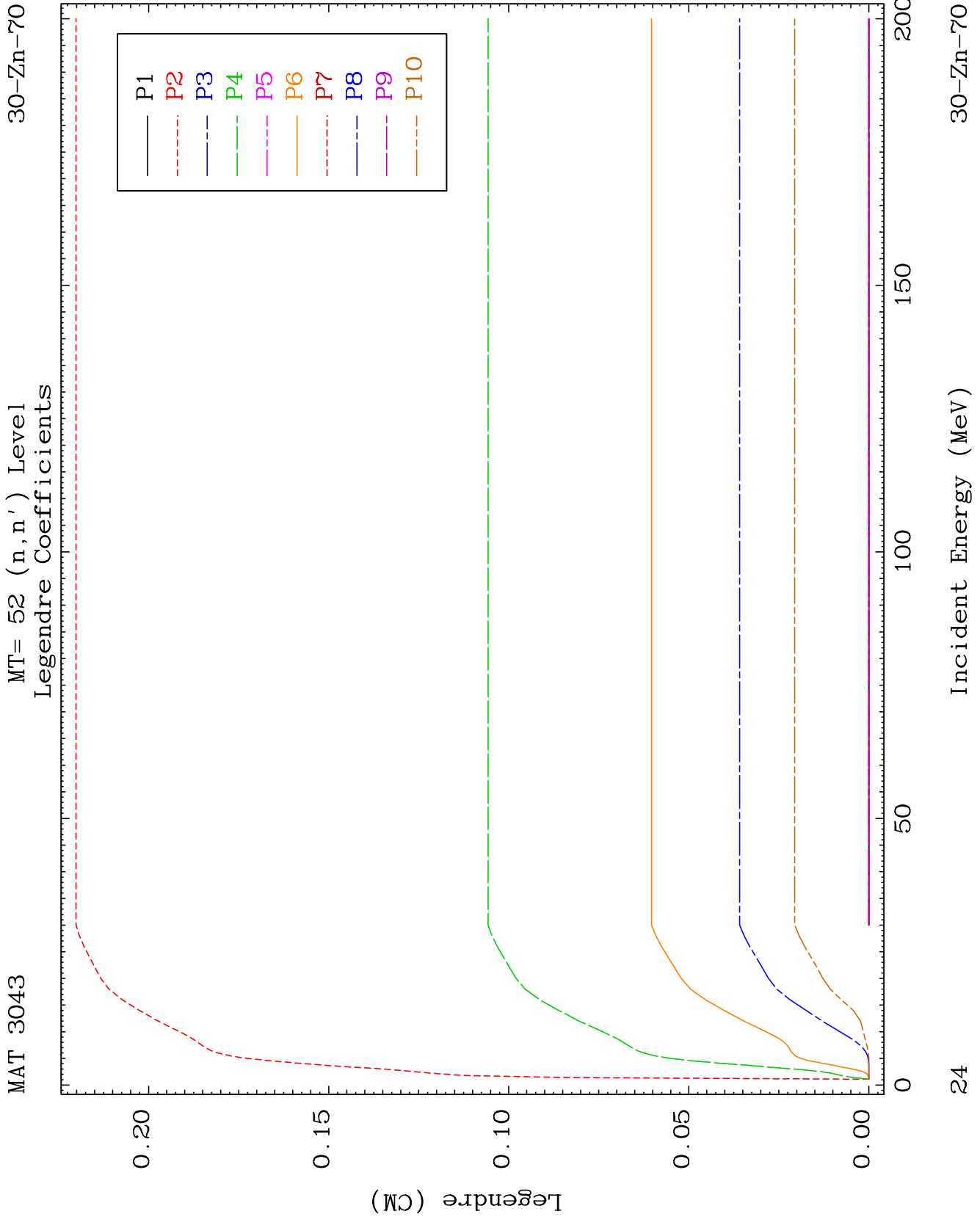
21 Incident Energy (MeV) 30-Zn-70

MAT 3043 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-70

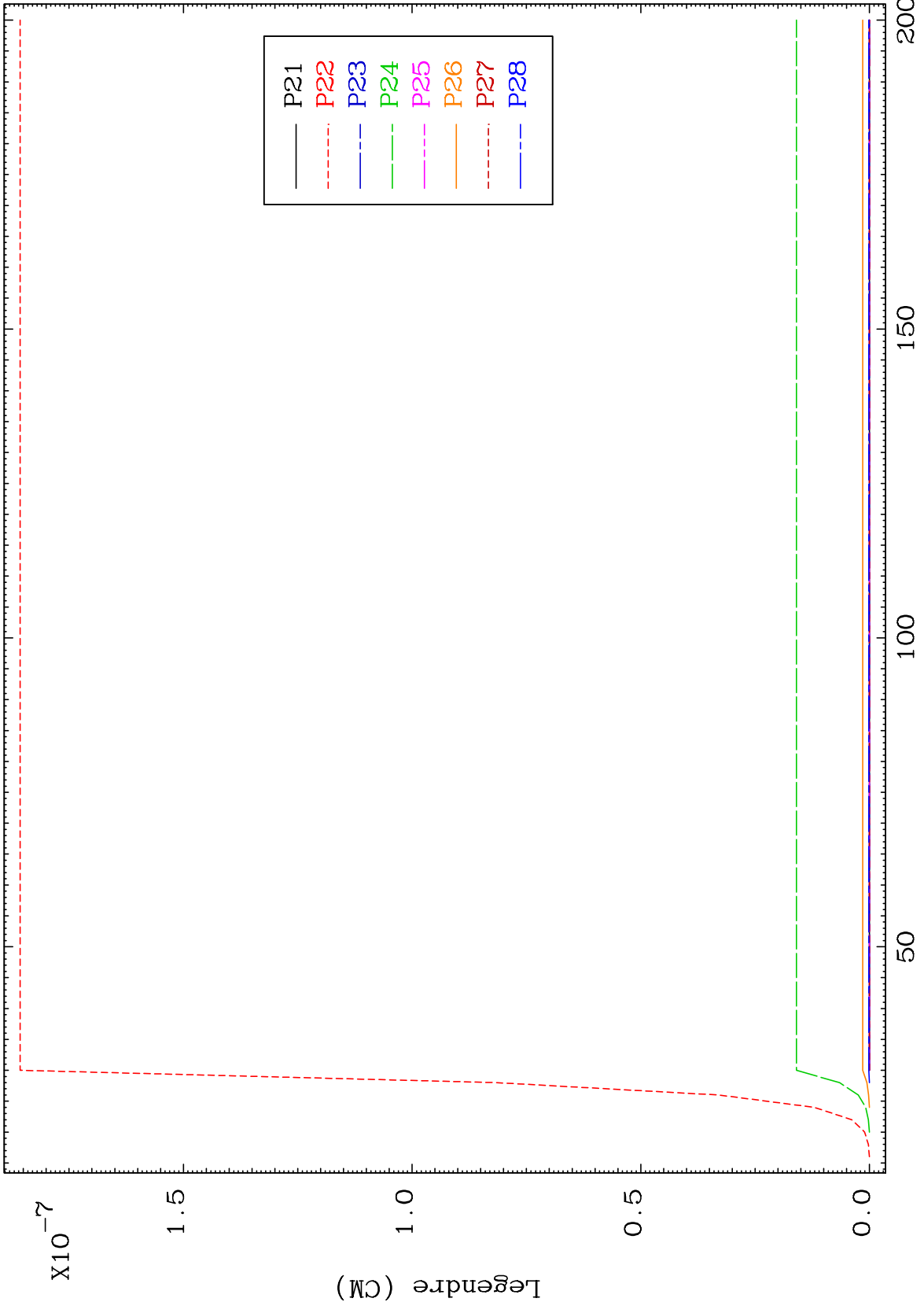


MAT 3043 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-70





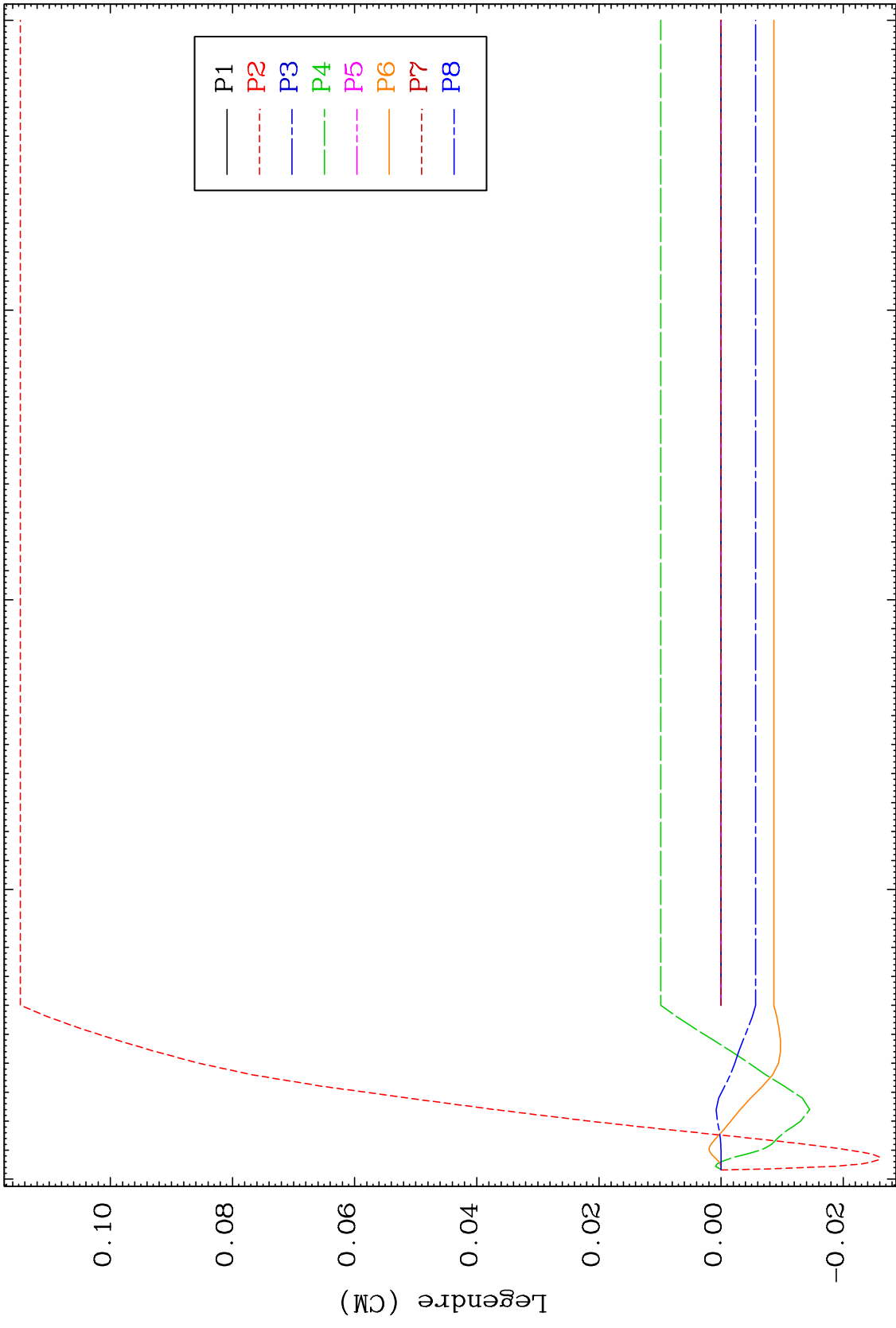
MAT 3043 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-70



26

30-Zn-70

MAT 3043 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-70

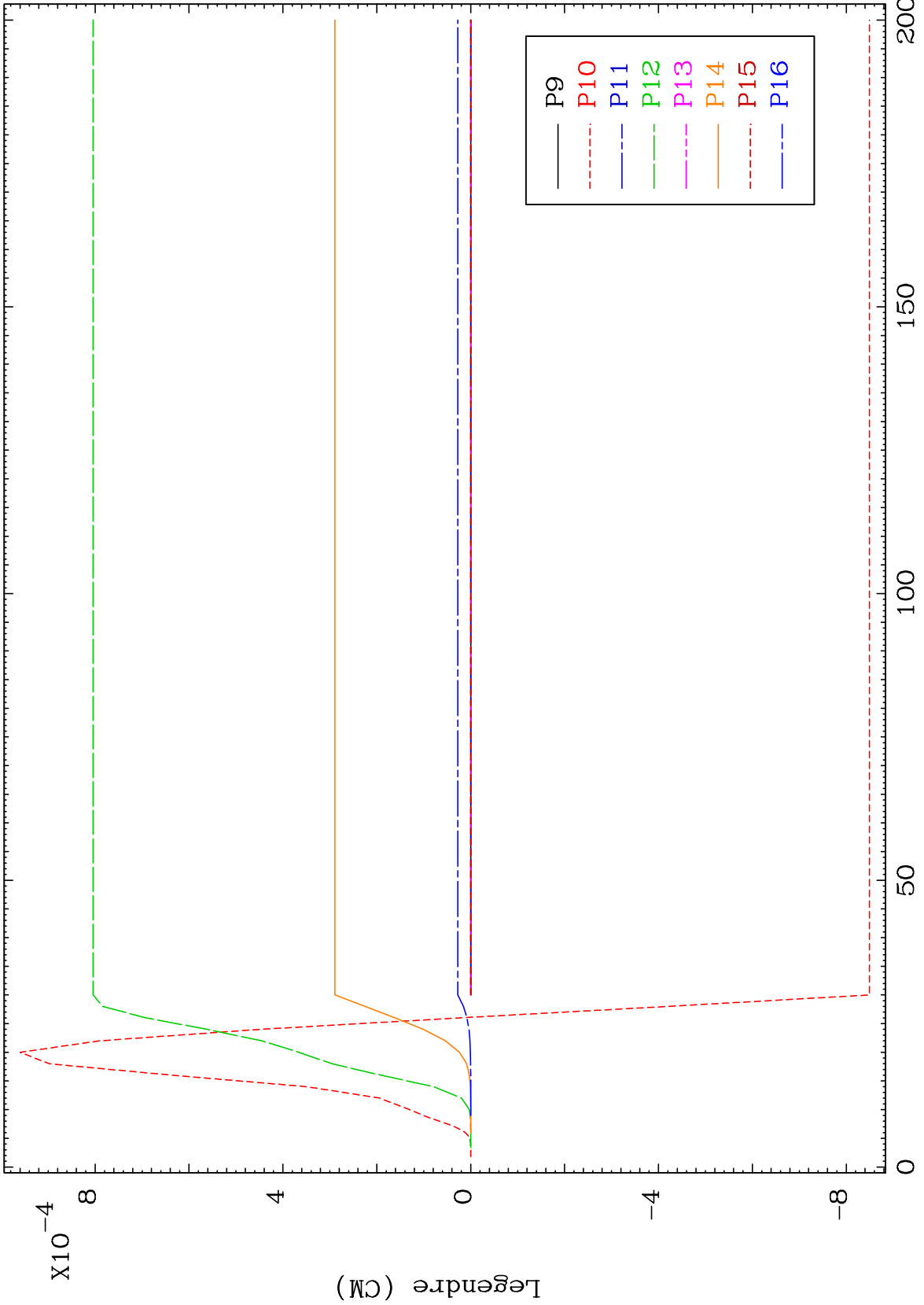


Legendre (CM) Incident Energy (MeV) 30-Zn-70

MAT 3043

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

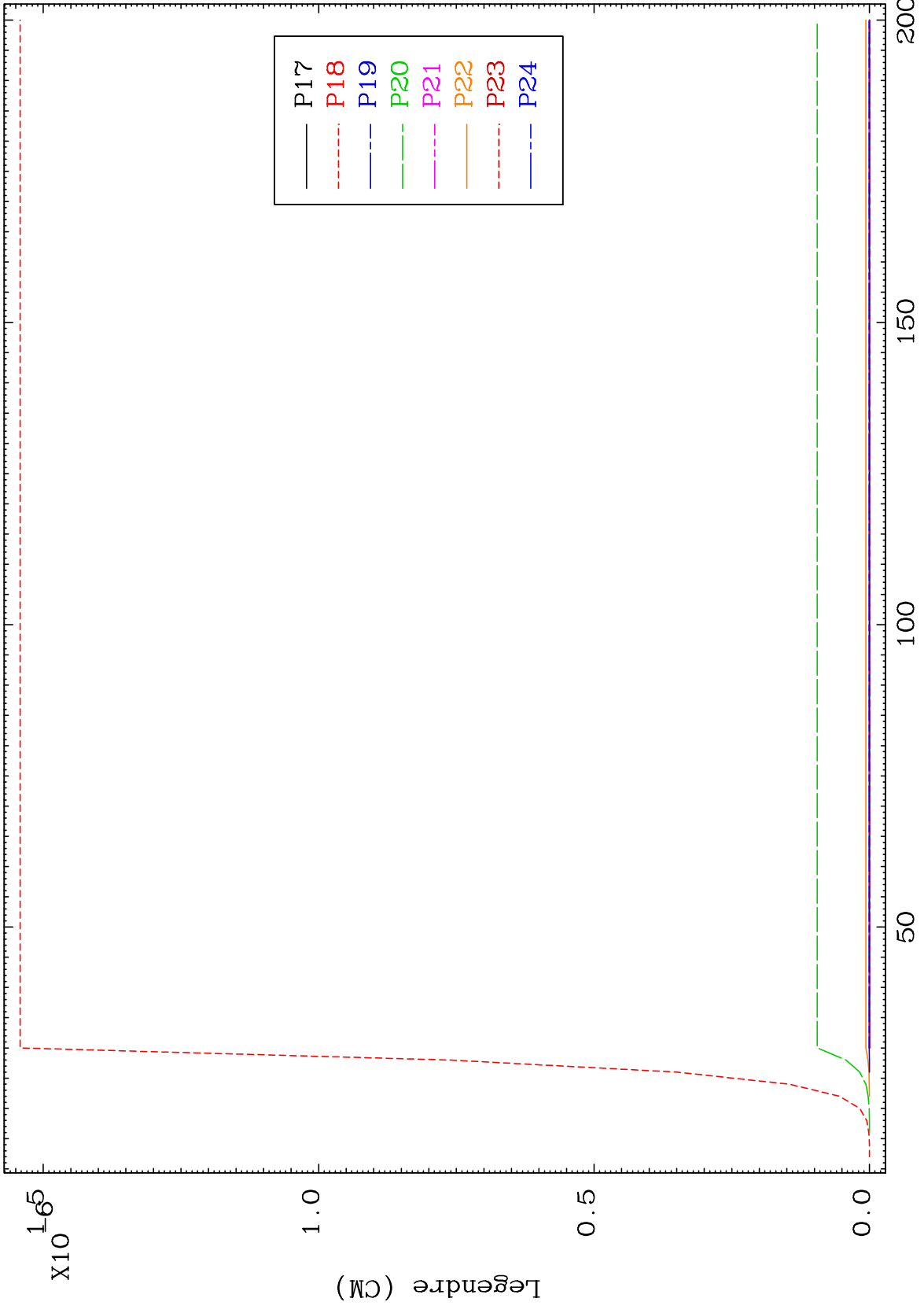
30-Zn-70



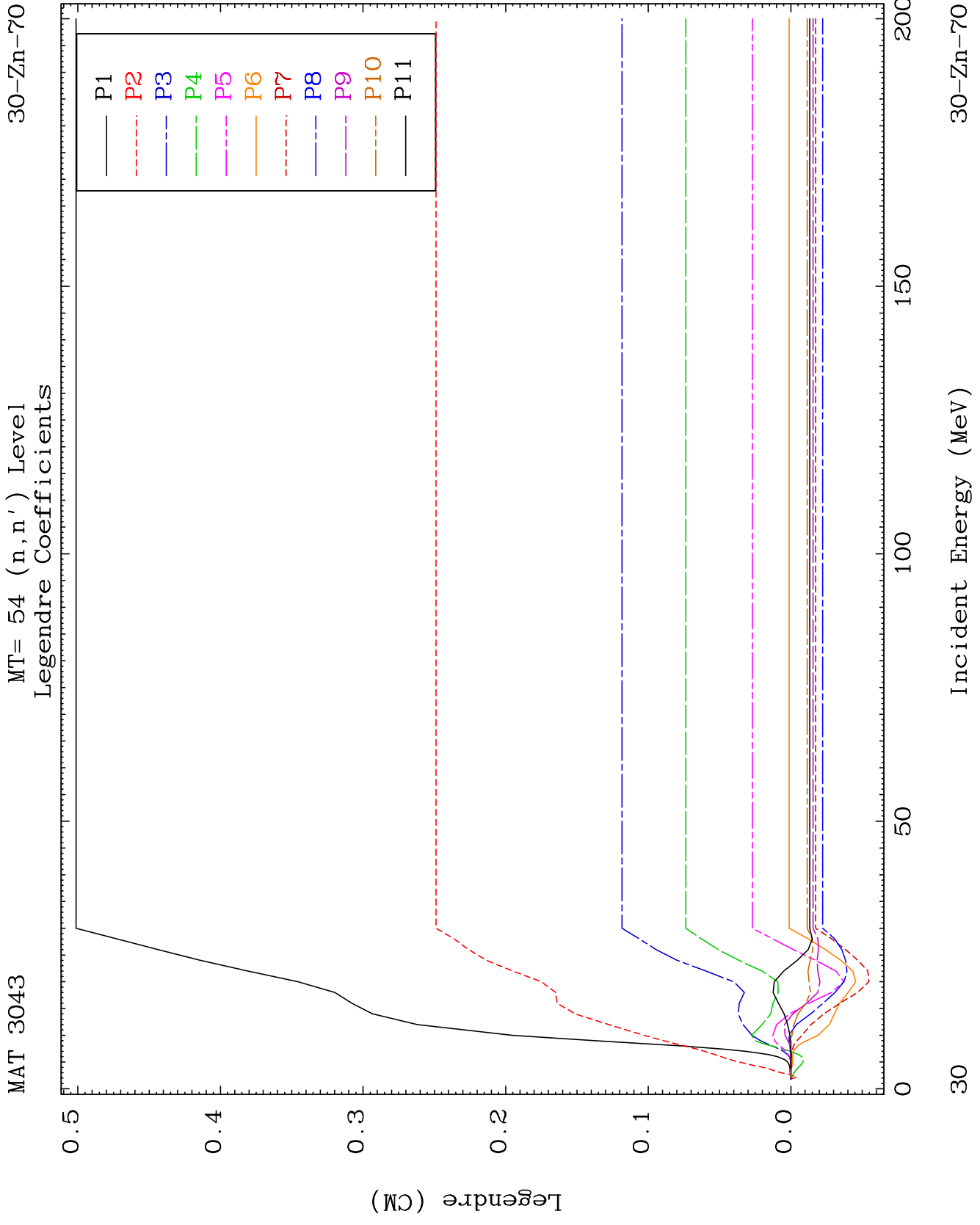
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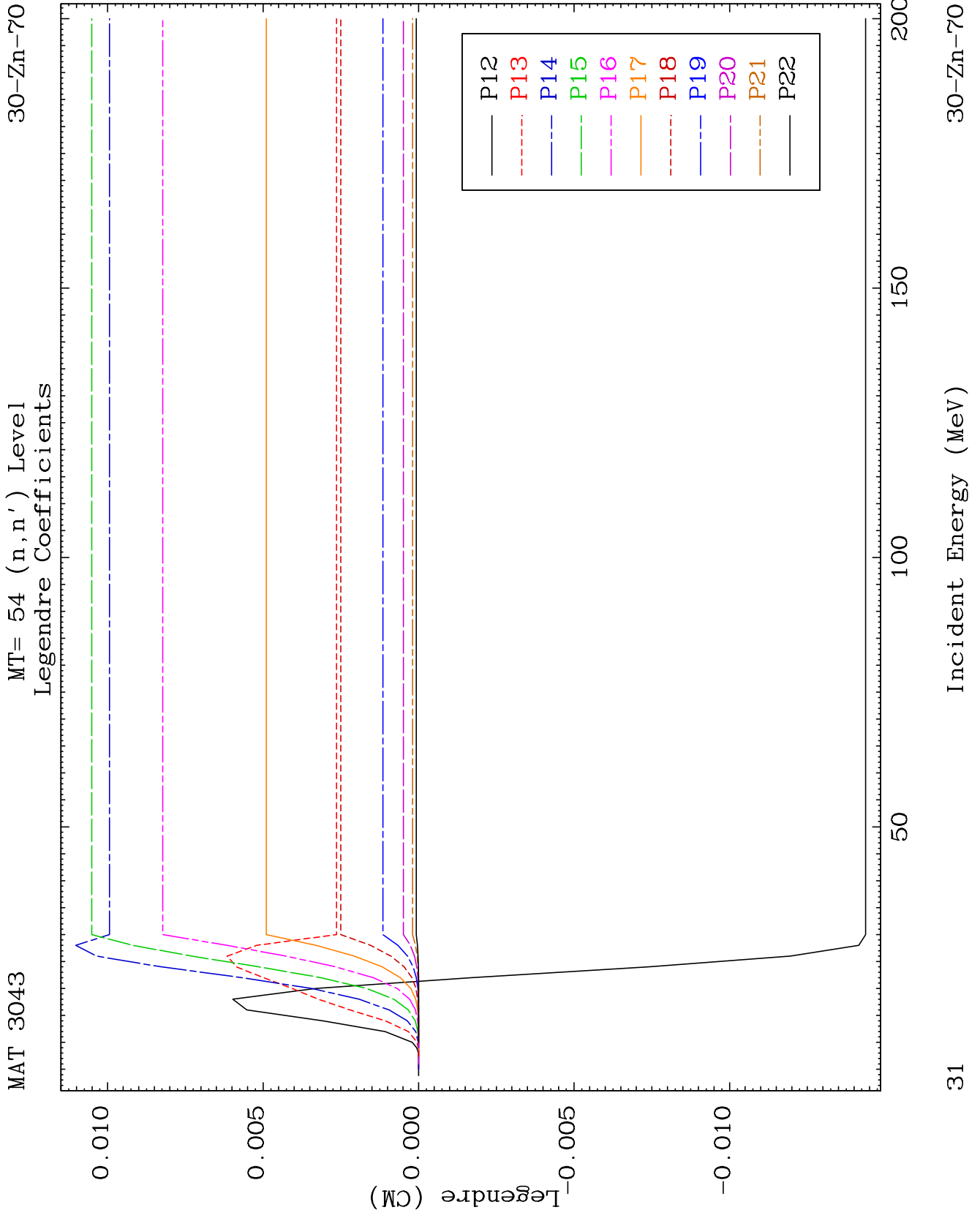
30-Zn-70

MAT 3043 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-70



30-Zn-70

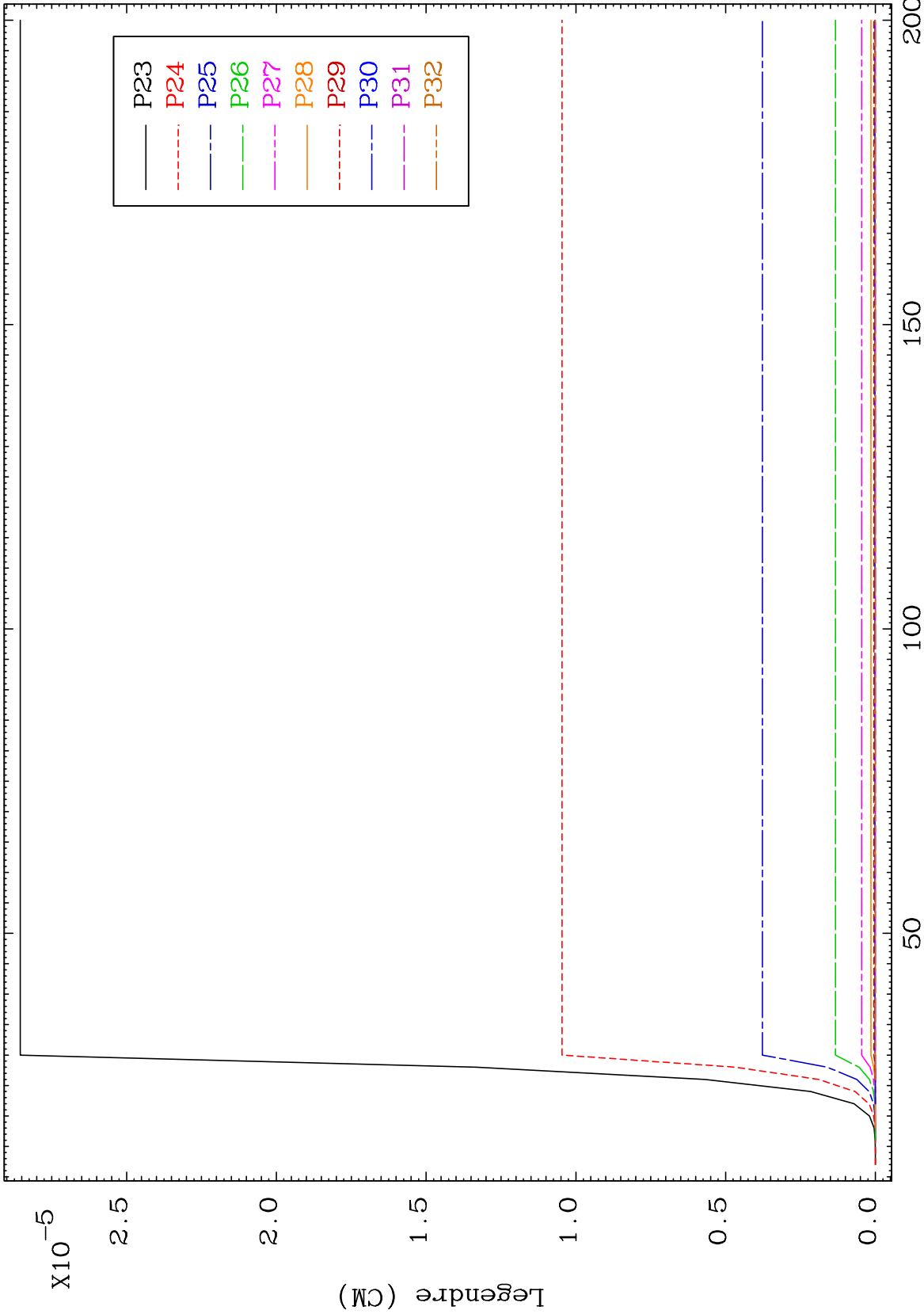




MAT 3043

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

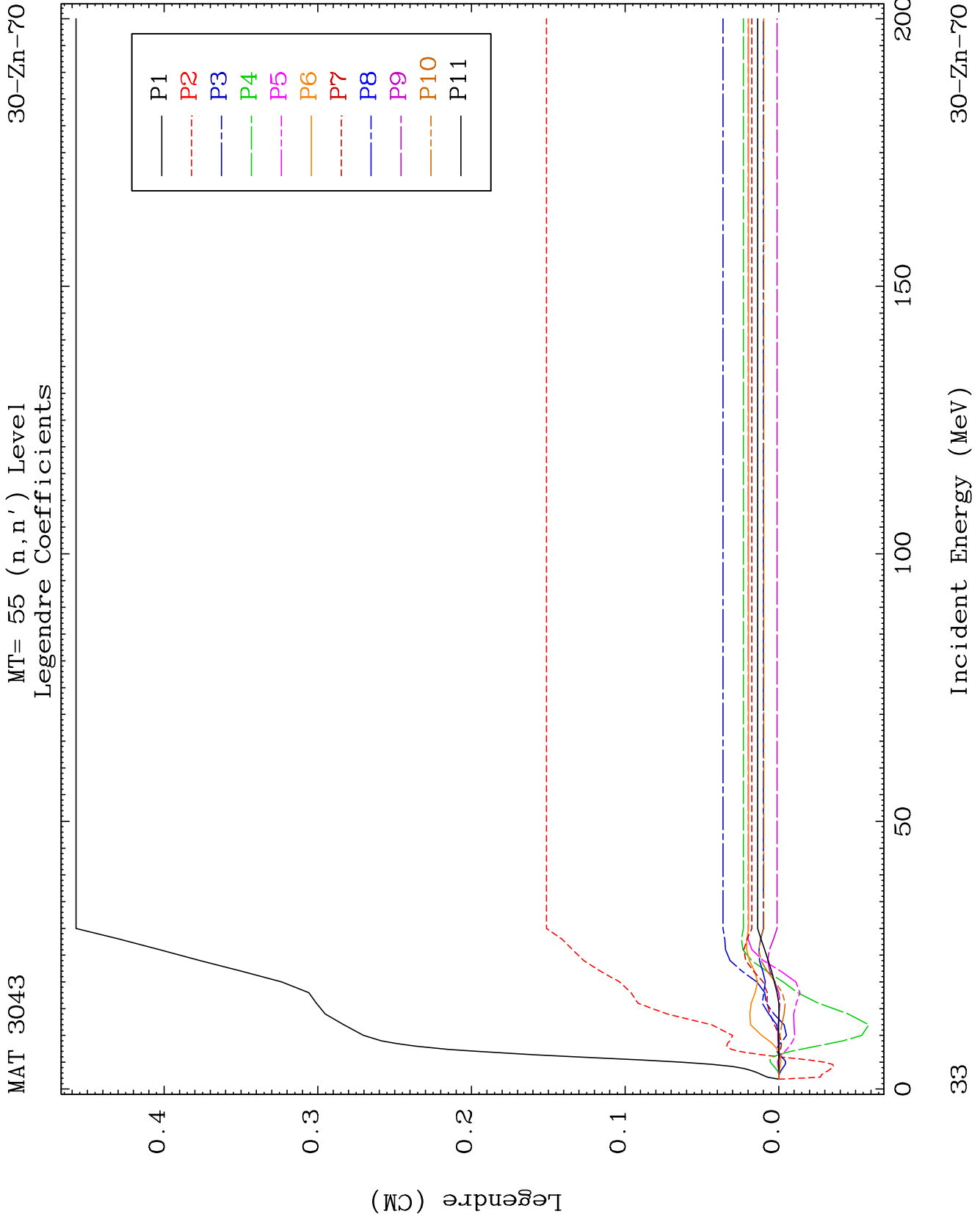
30-Zn-70



32

Incident Energy (MeV)

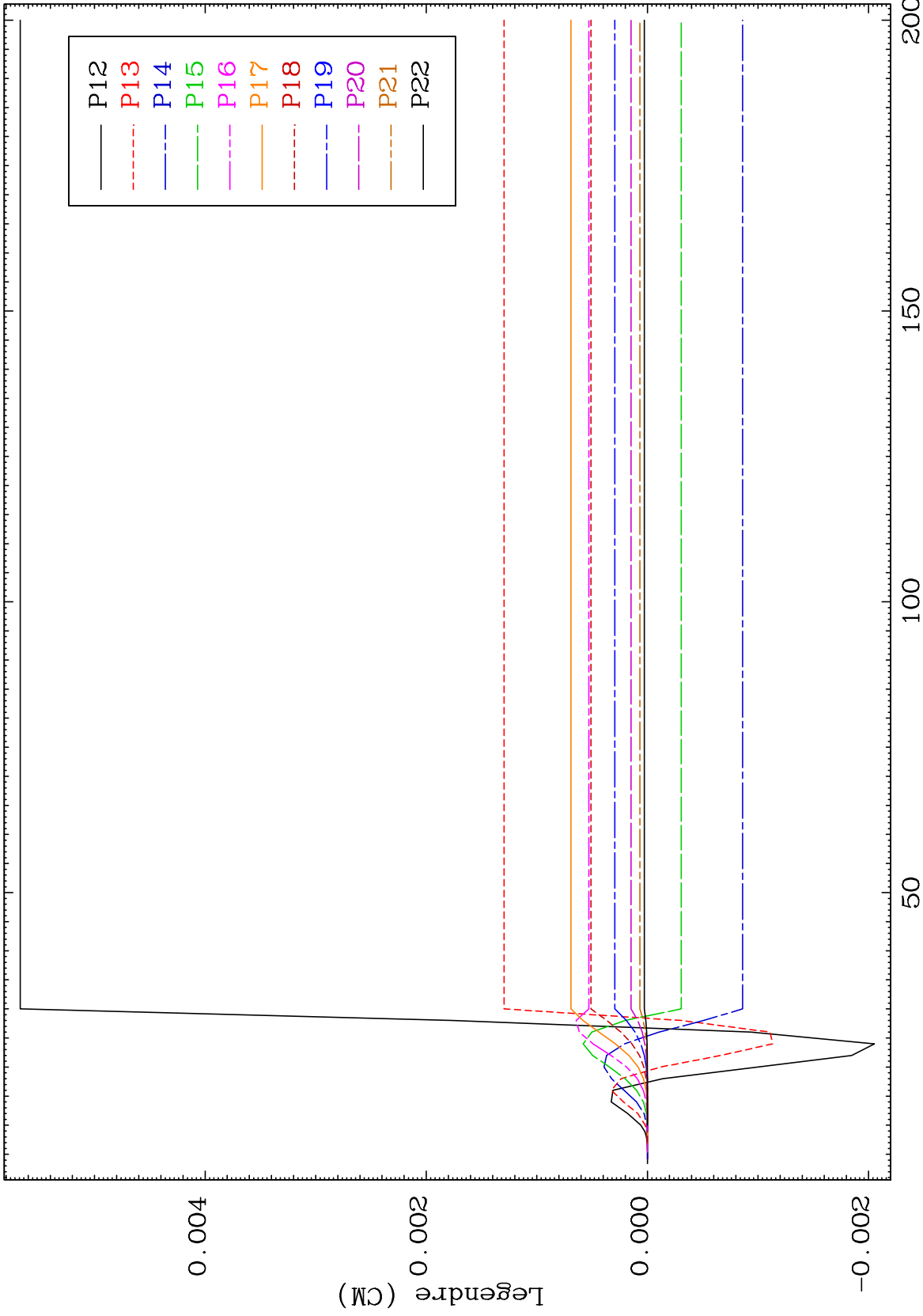
30-Zn-70



MAT 3043

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

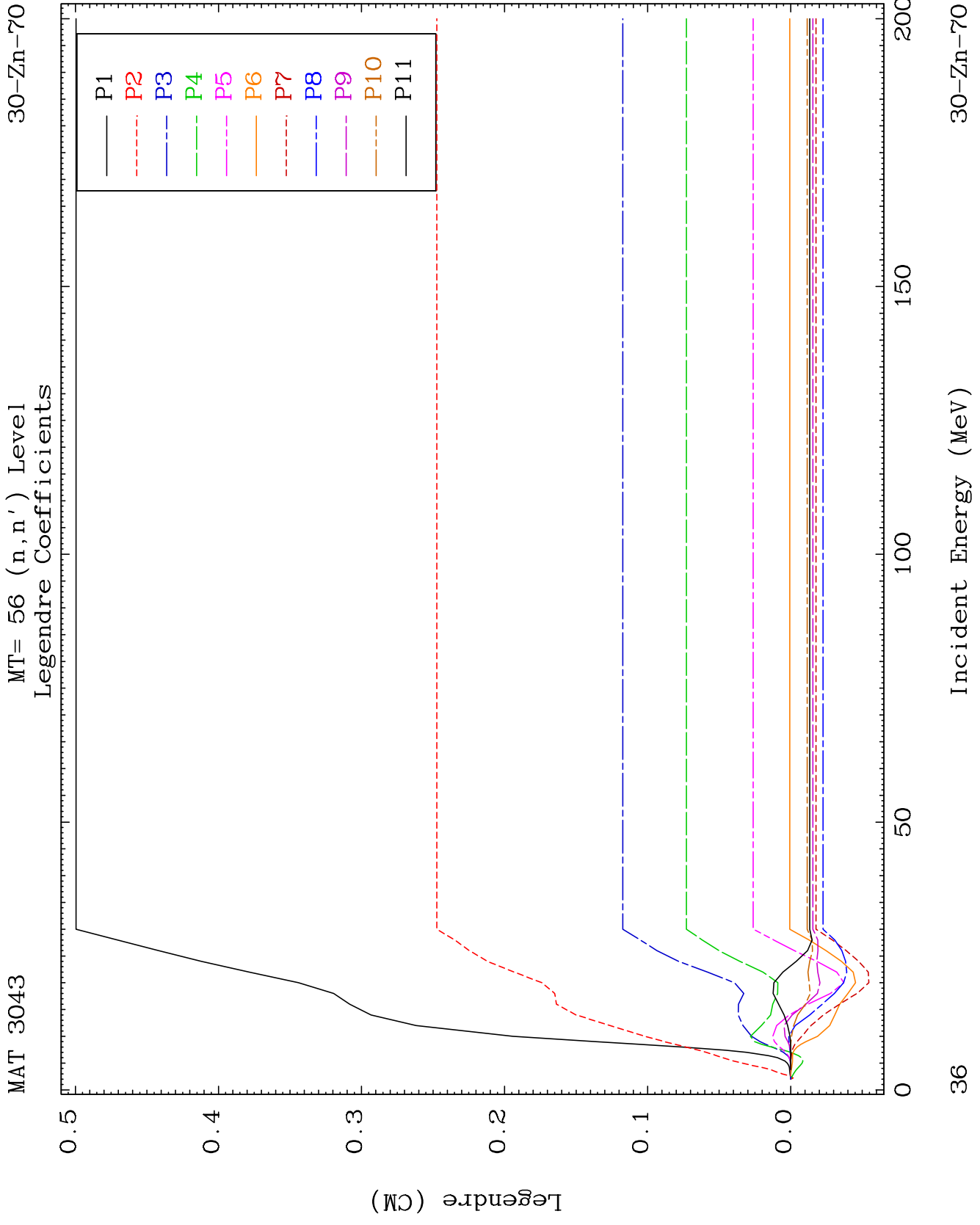
30-Zn-70



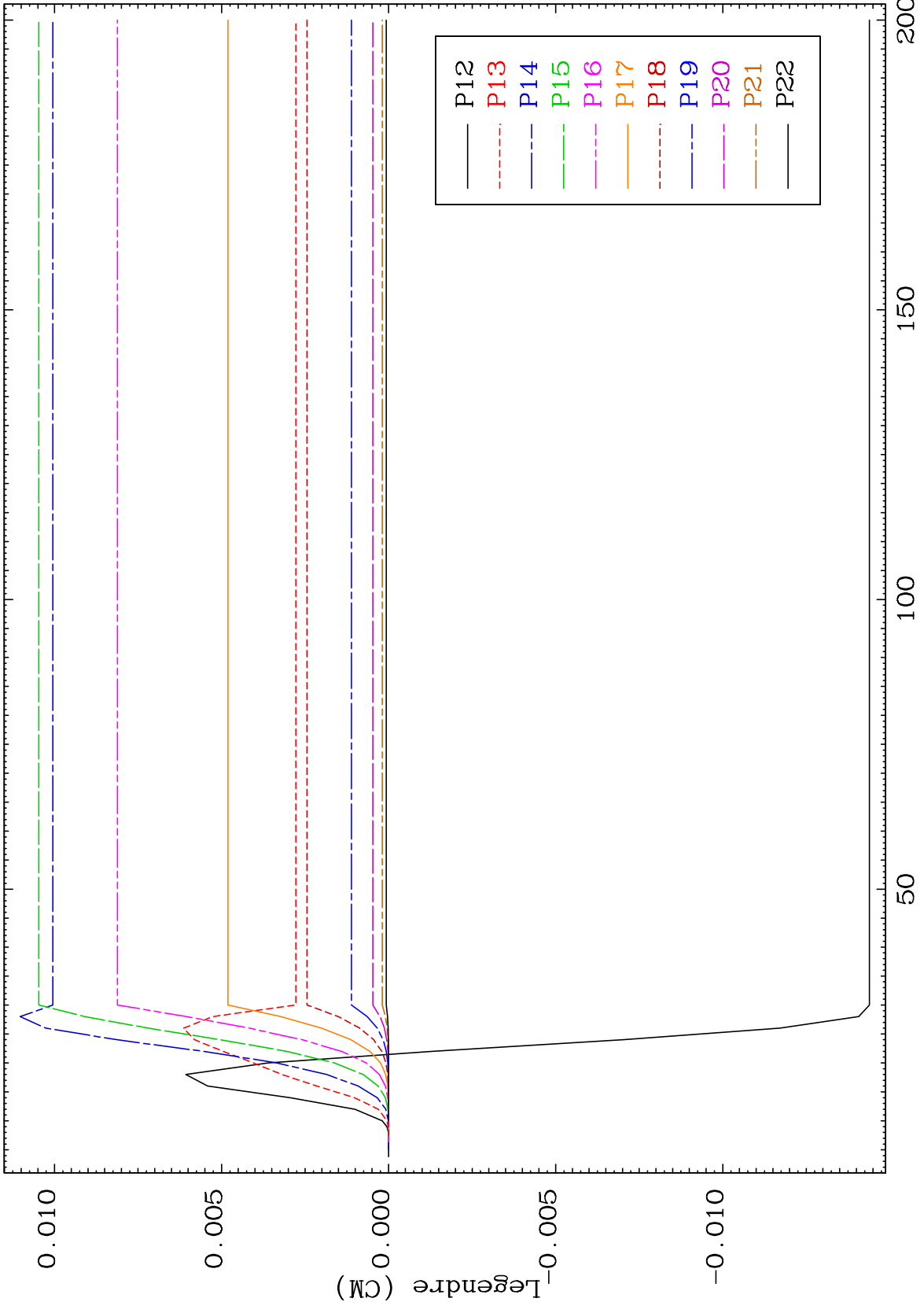
34

Incident Energy (MeV)

30-Zn-70



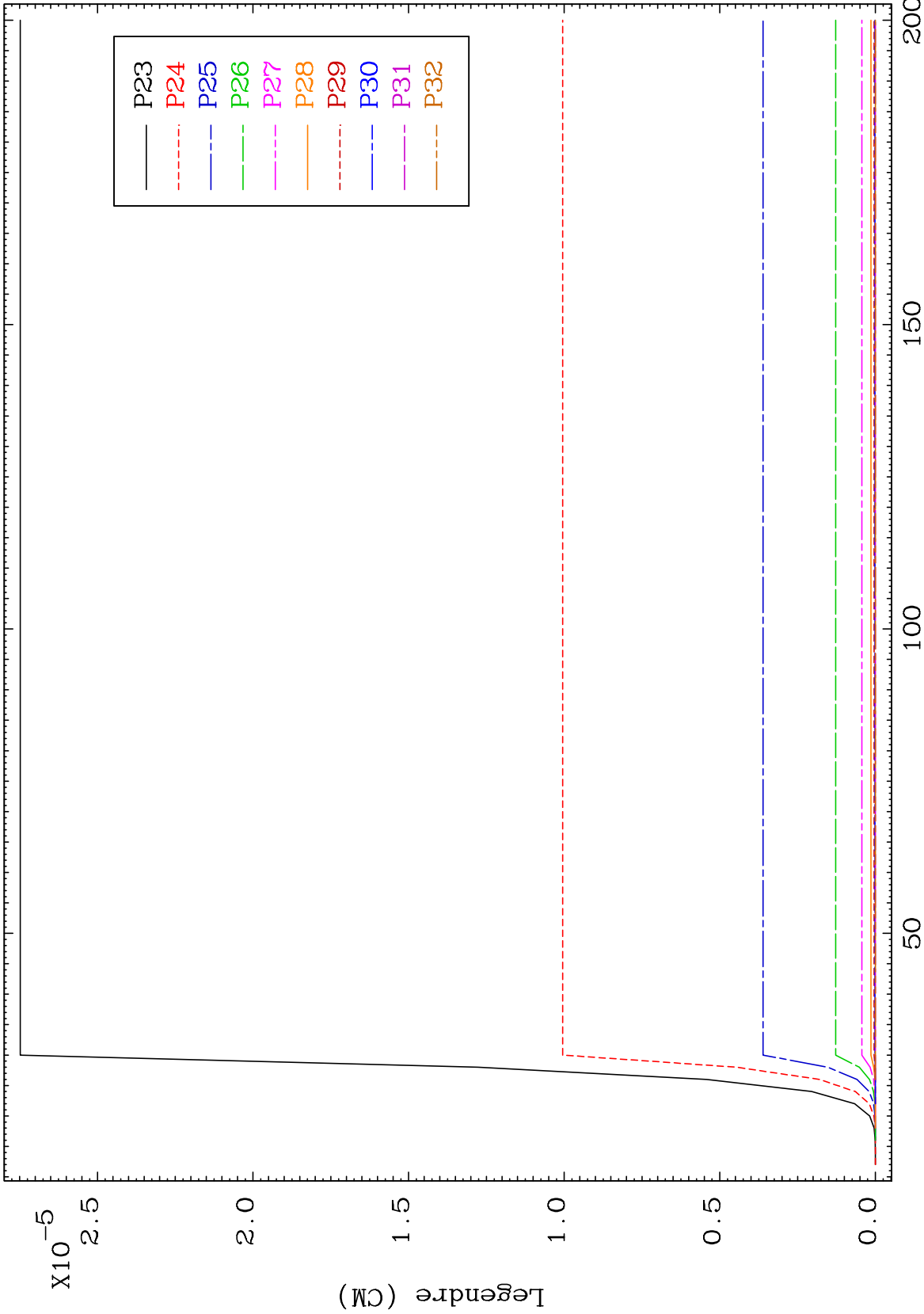
MAT 3043 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

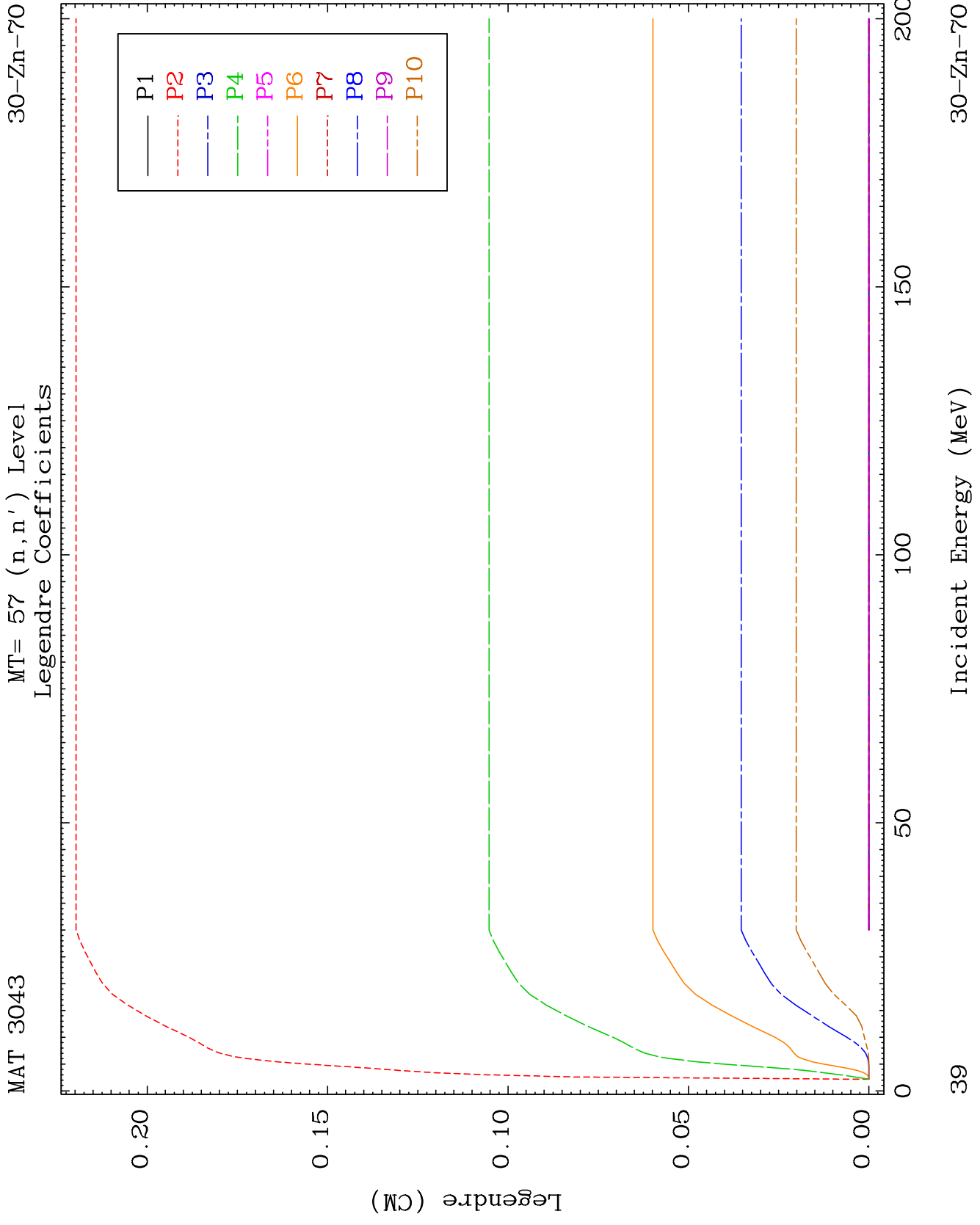
30-Zn-70

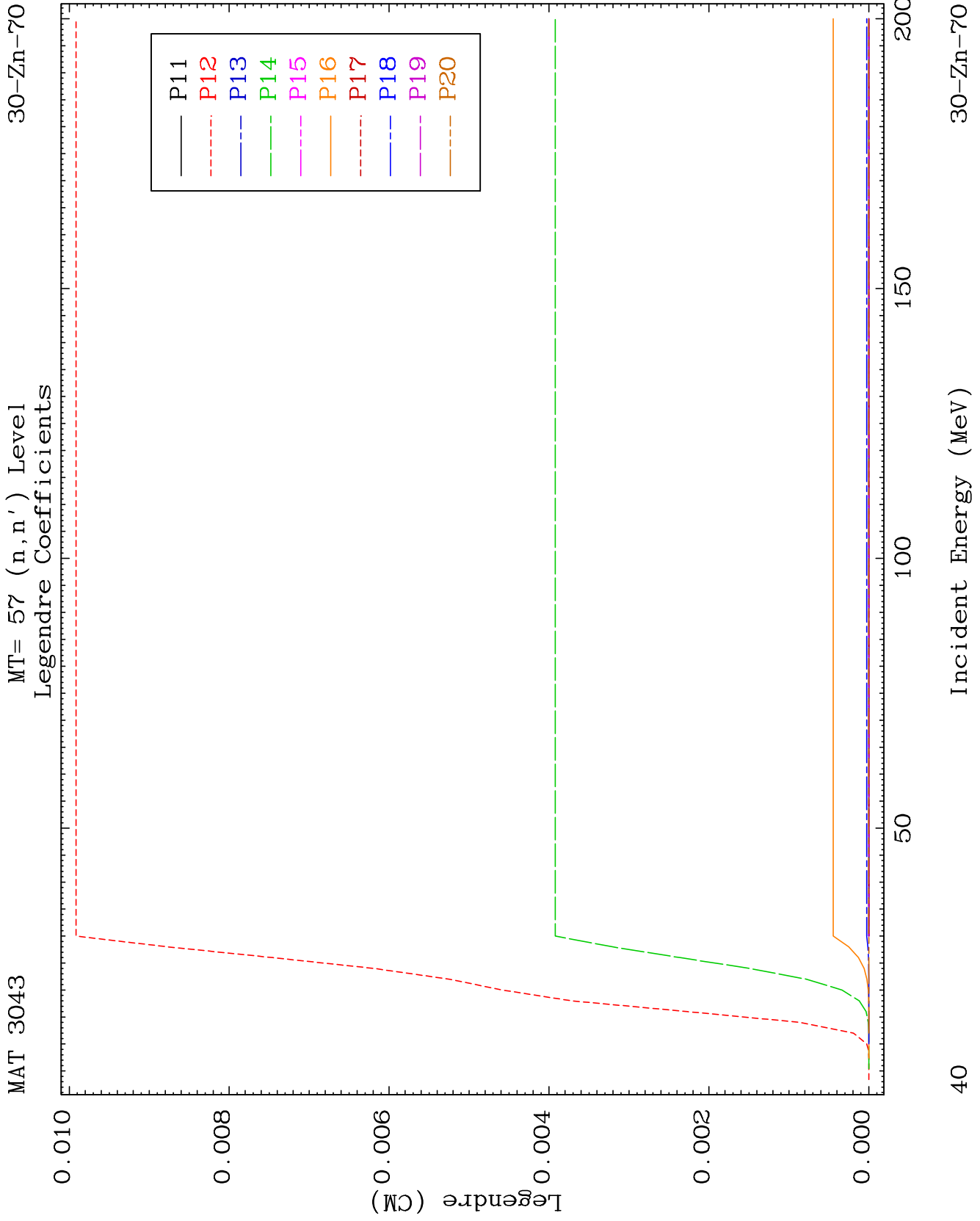


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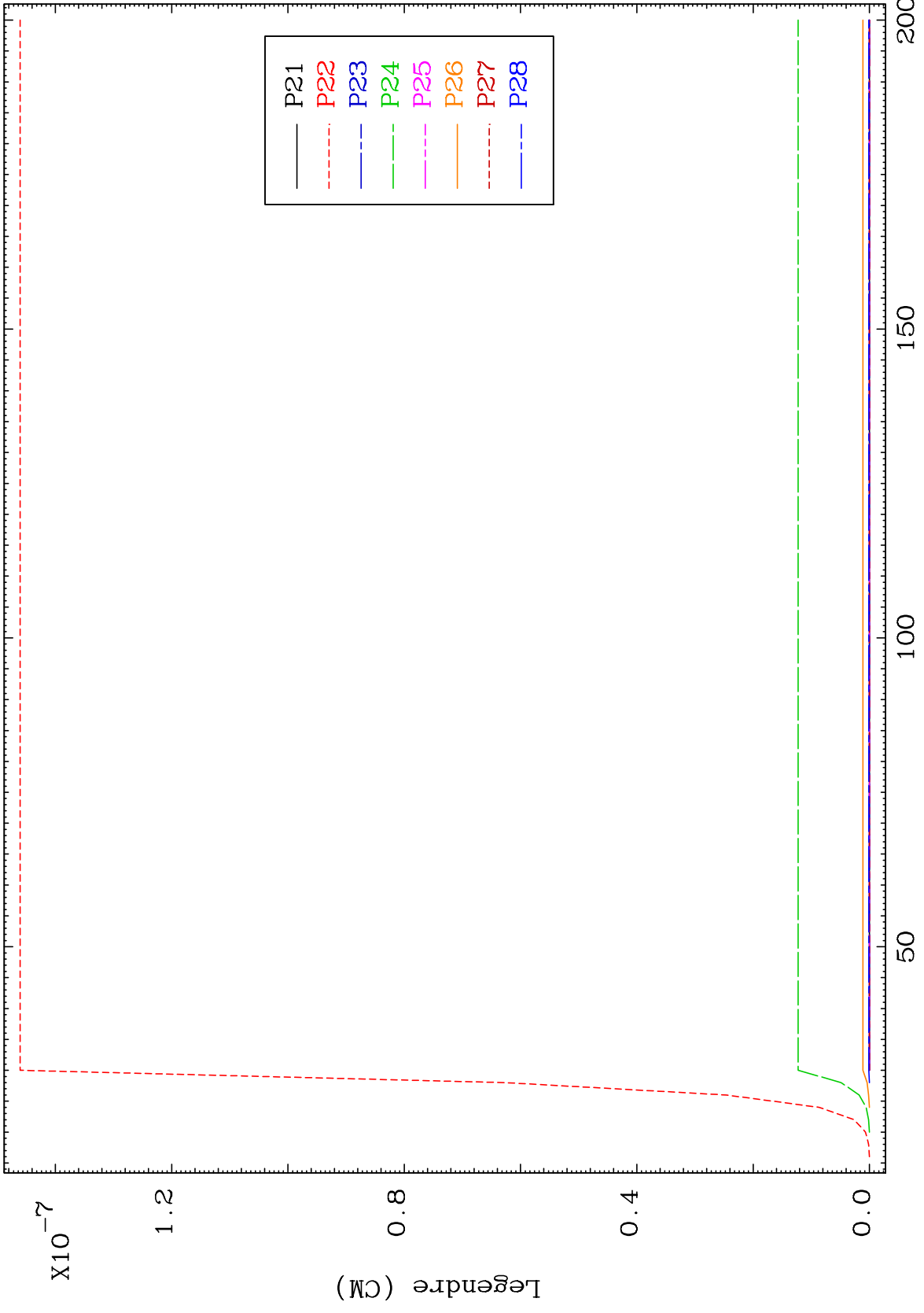
Incident Energy (MeV)

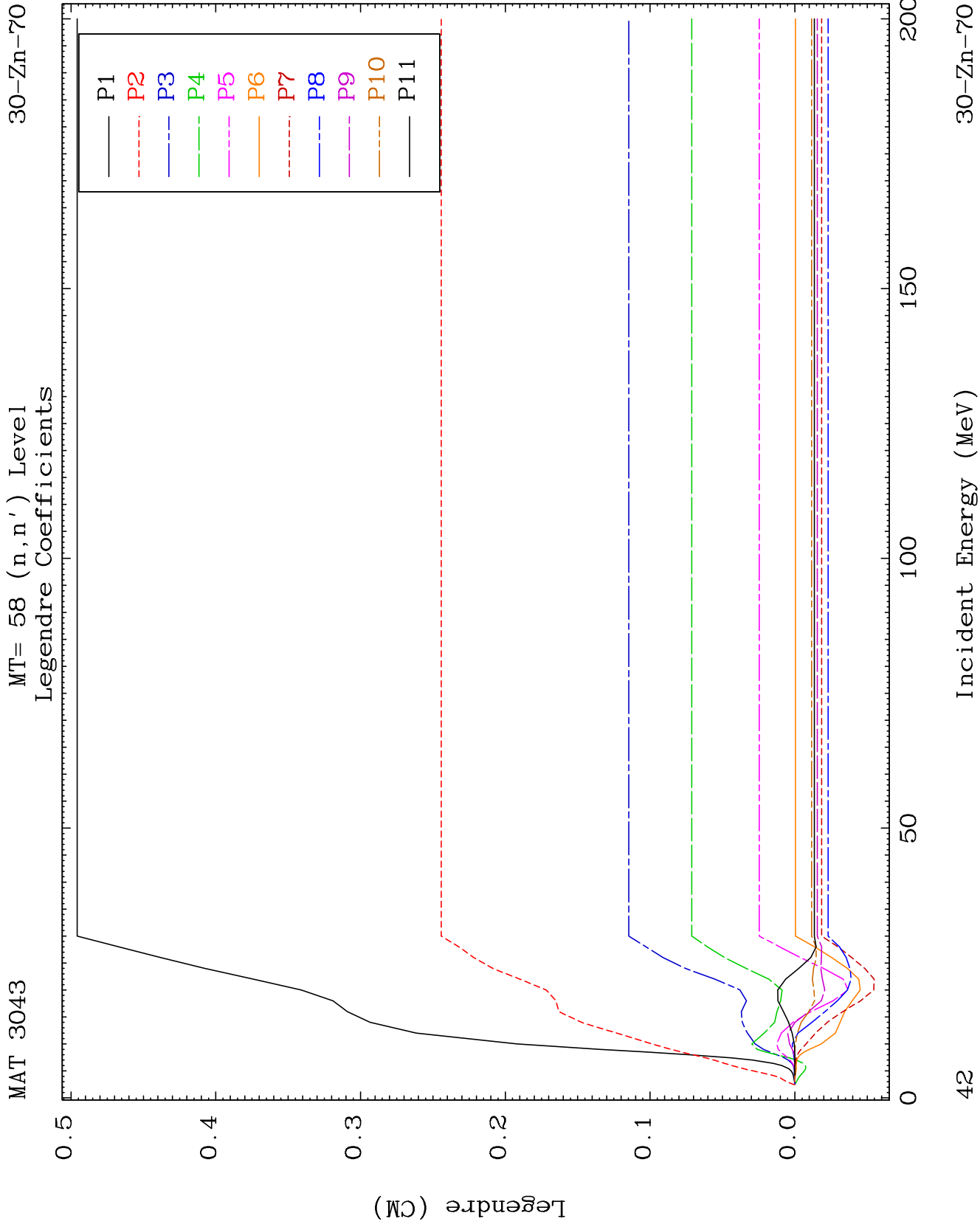
30-Zn-70



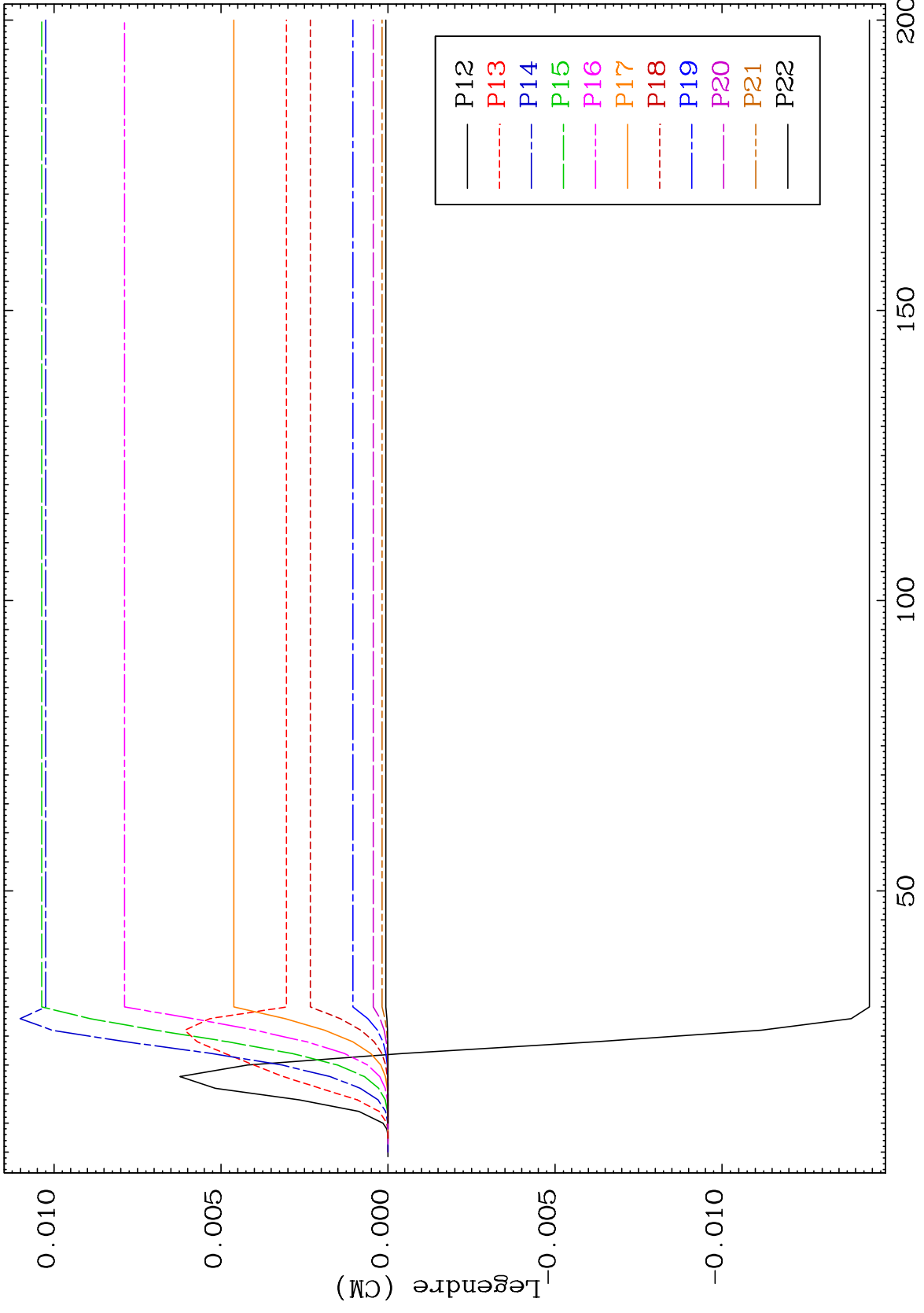


MAT 3043 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-70





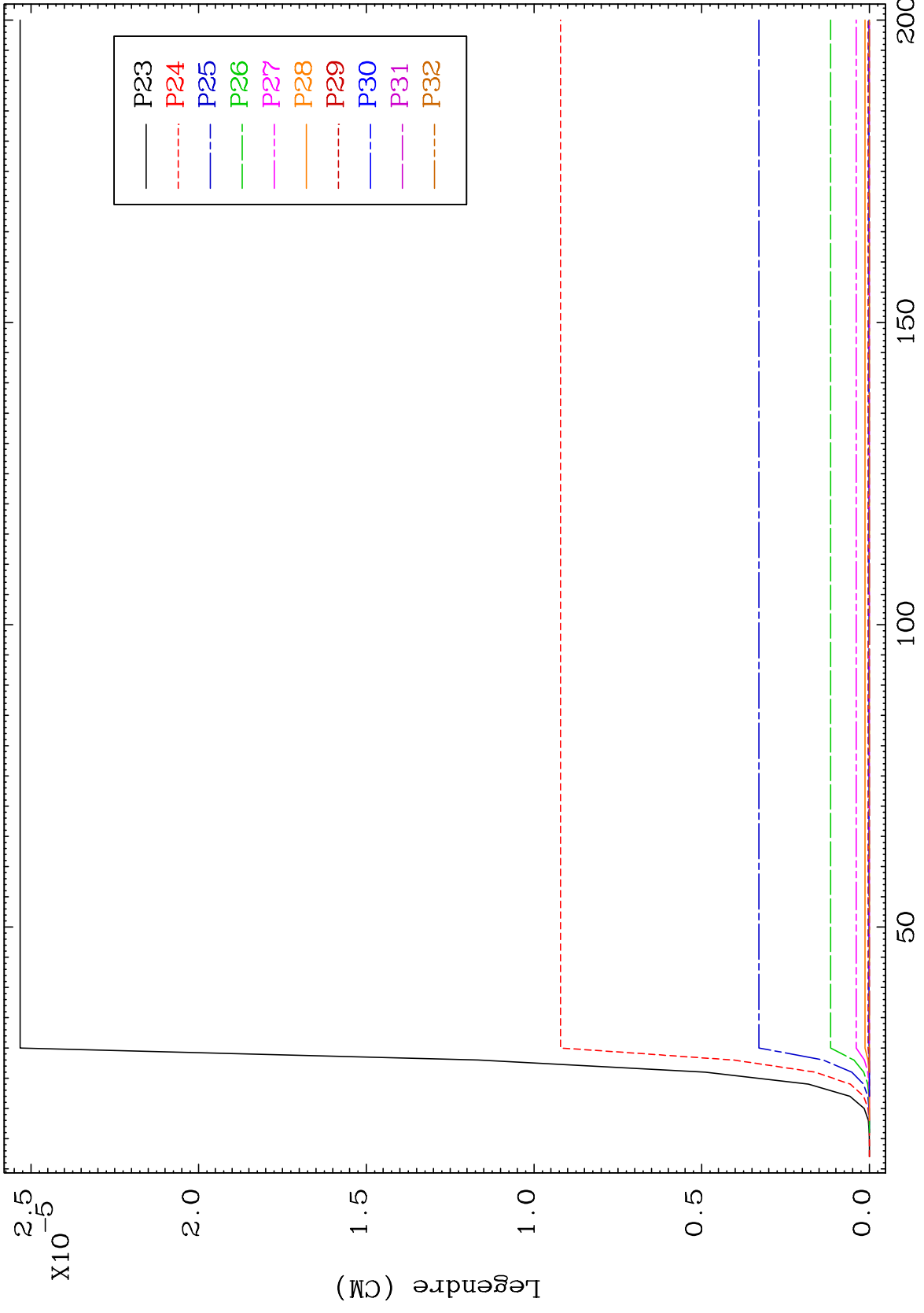
MAT 3043 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

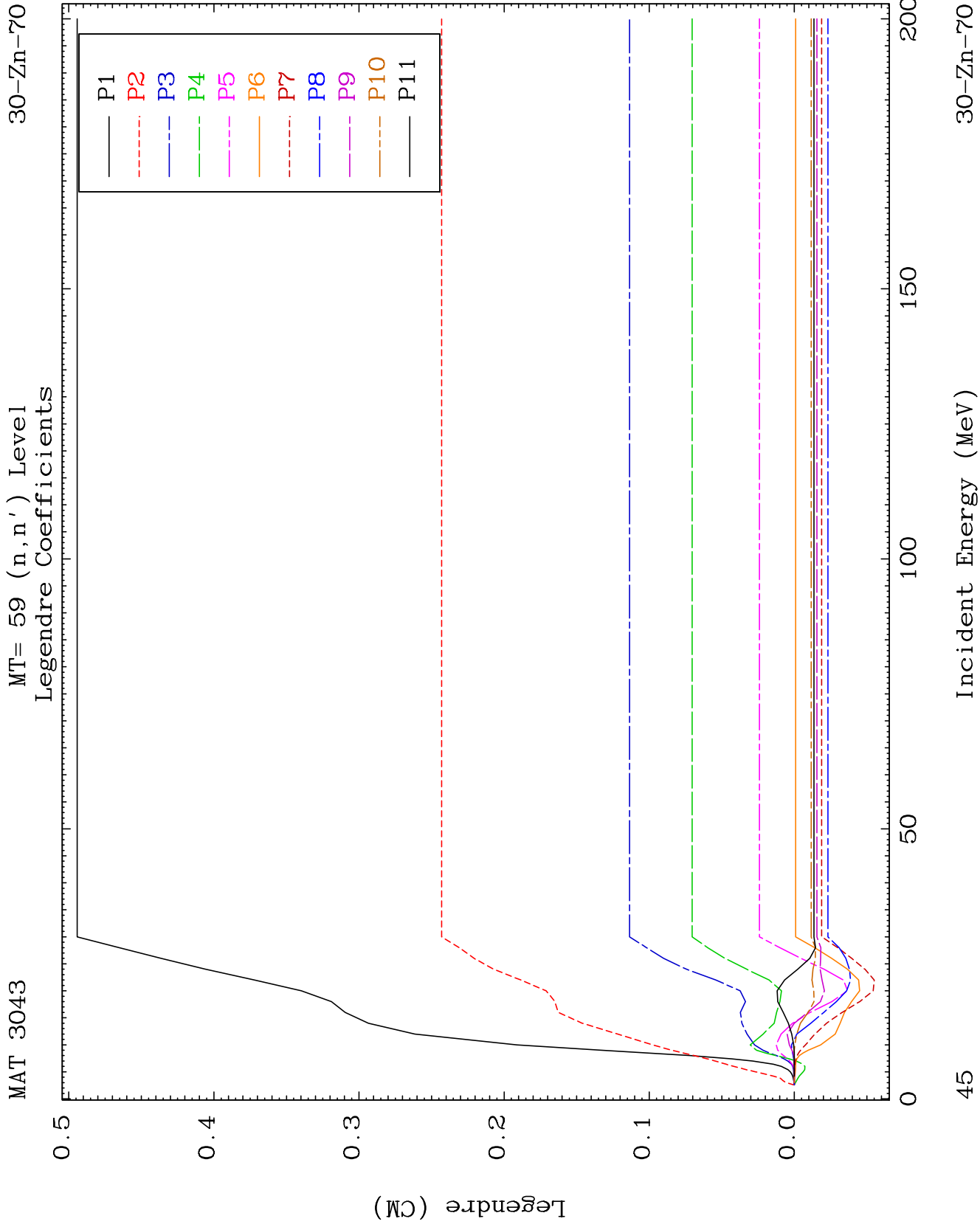
30-Zn-70

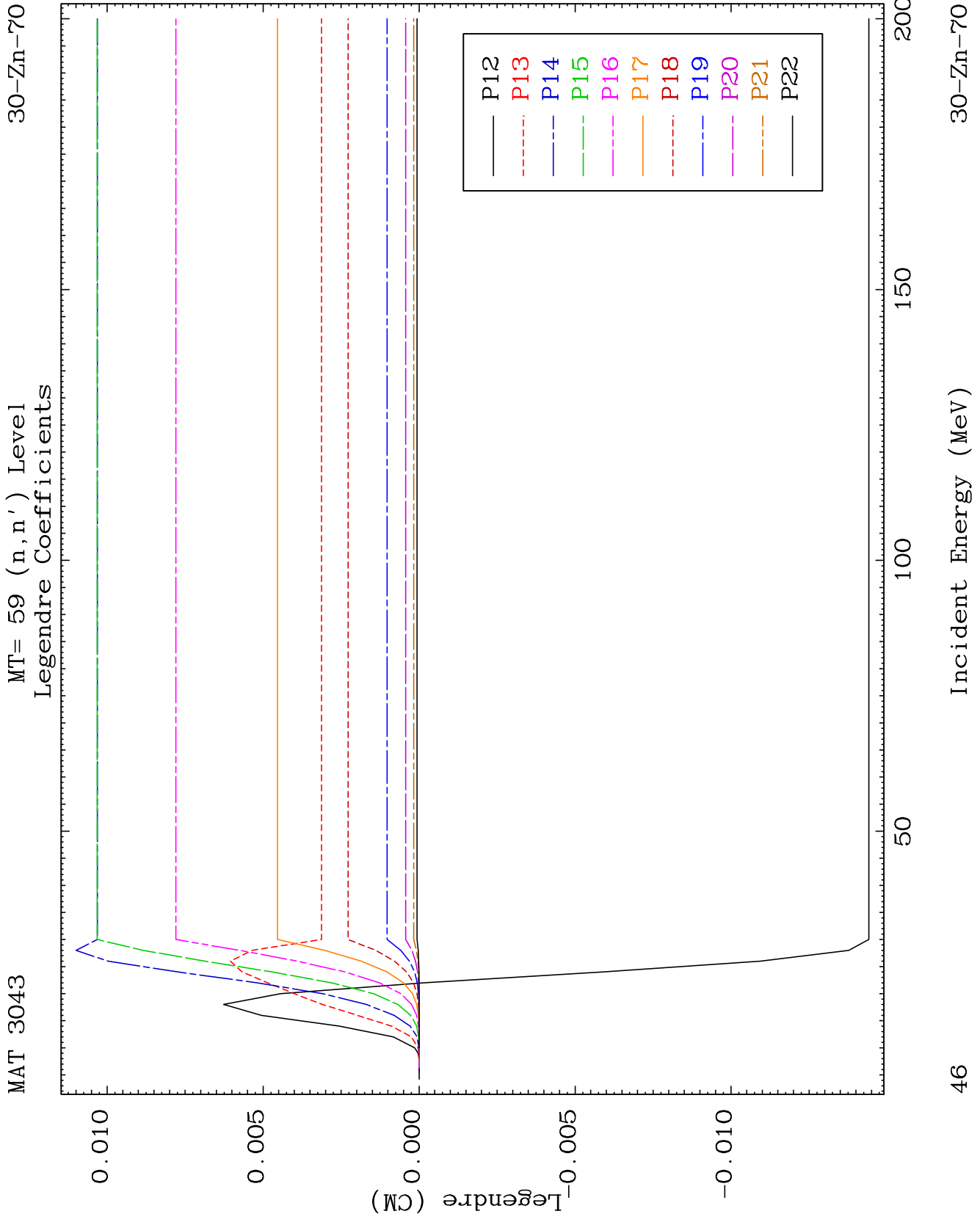


44

Incident Energy (MeV)

30-Zn-70

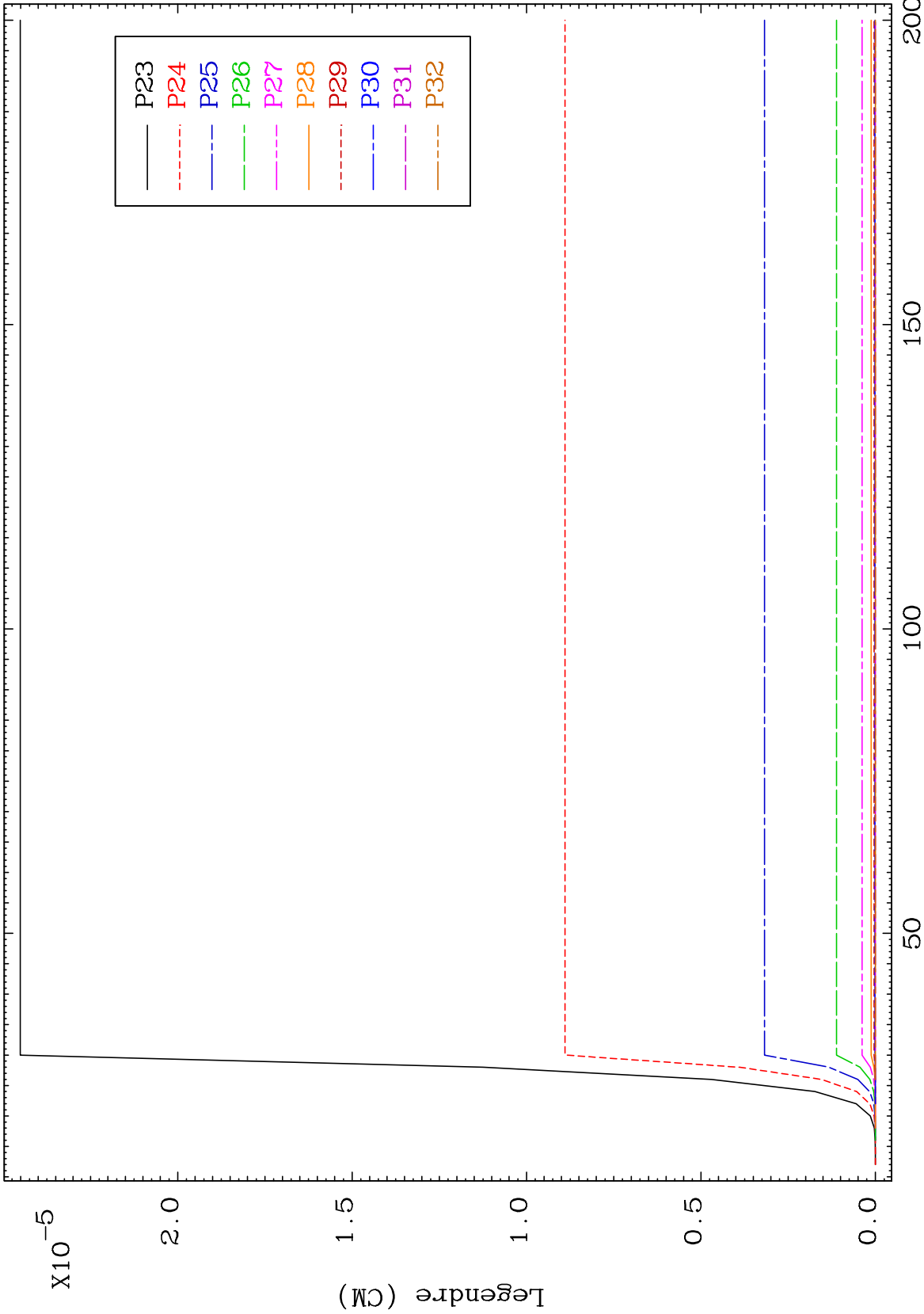




MAT 3043

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

30-Zn-70

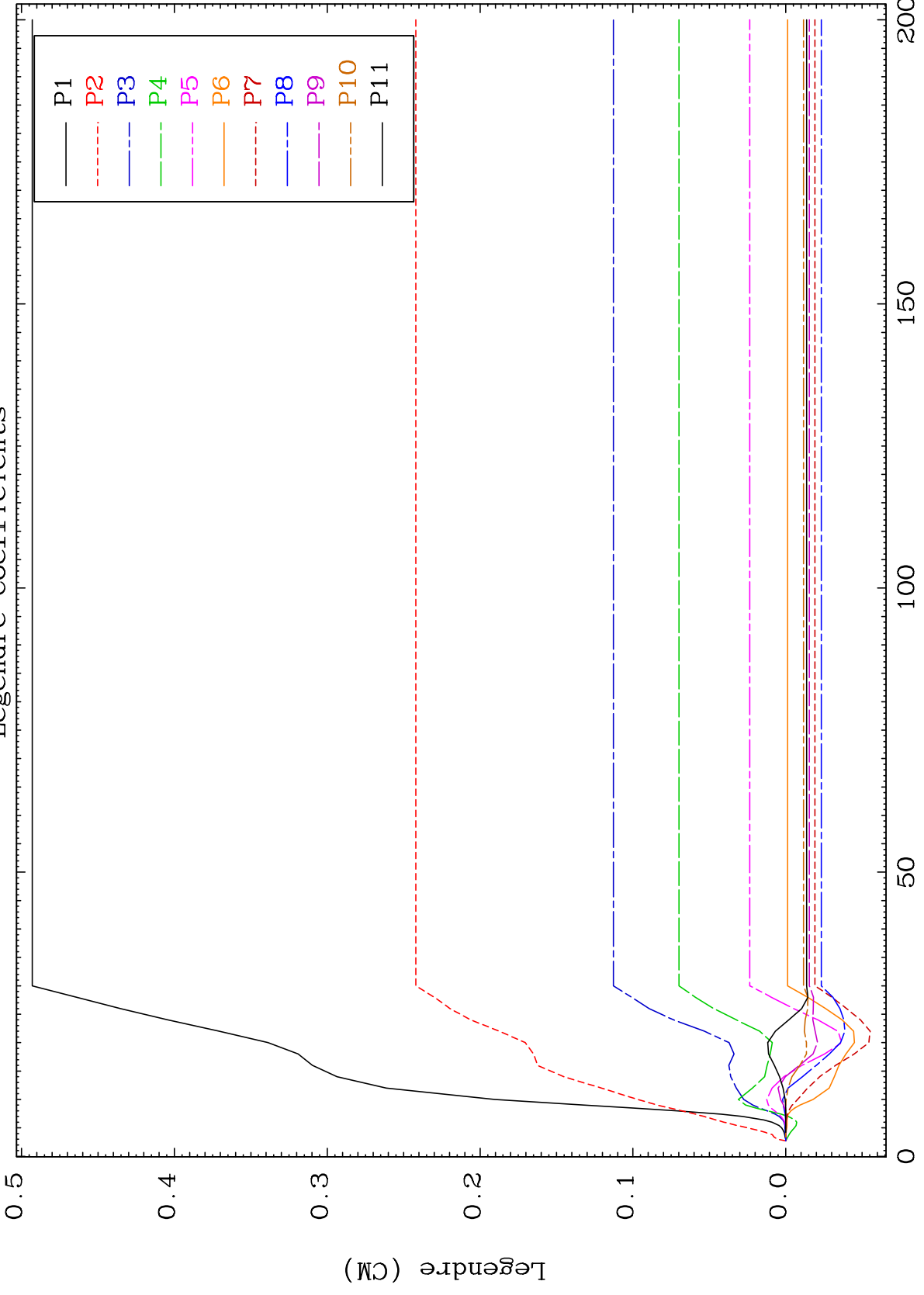


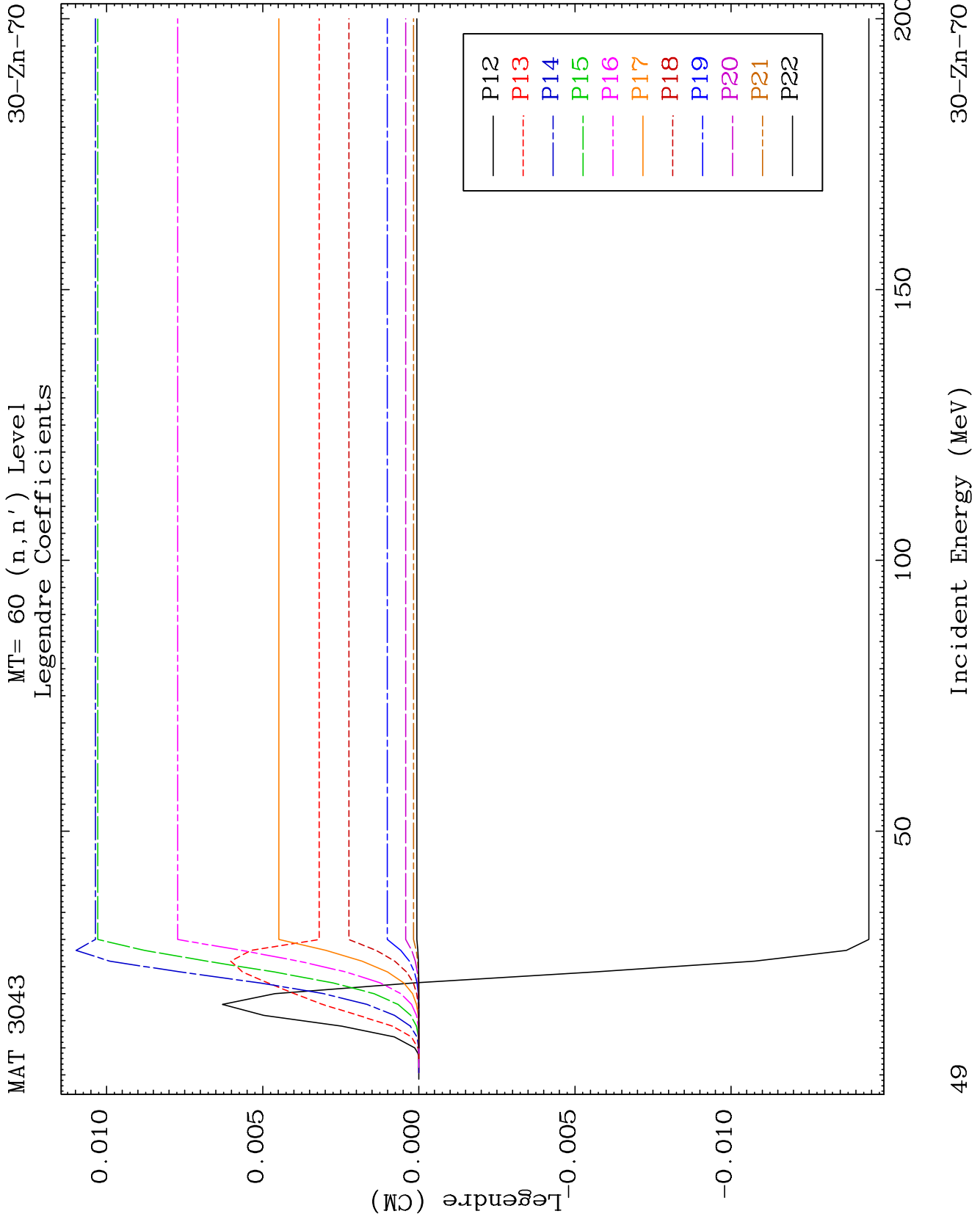
47

Incident Energy (MeV)

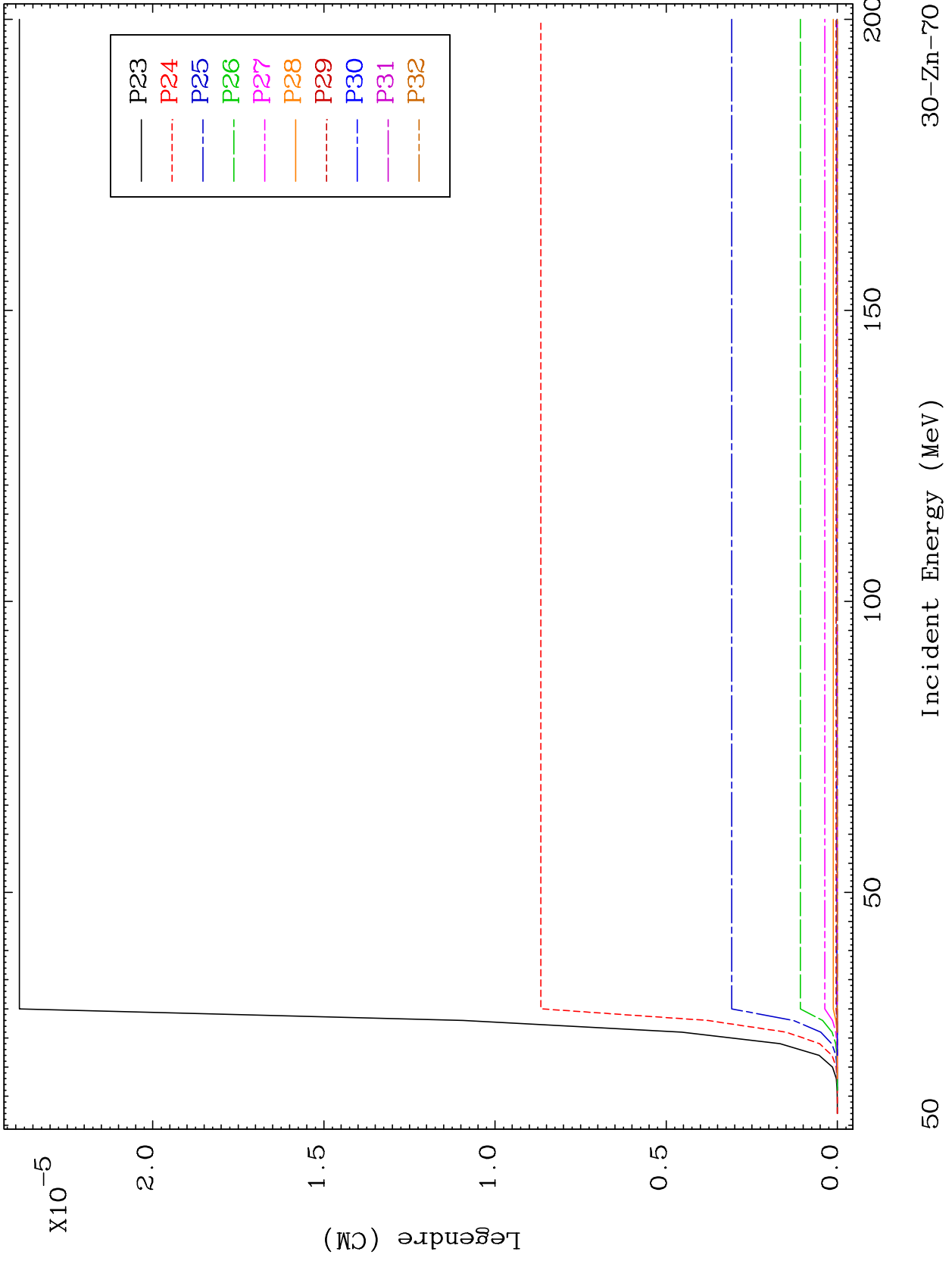
30-Zn-70

MAT 3043 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-70

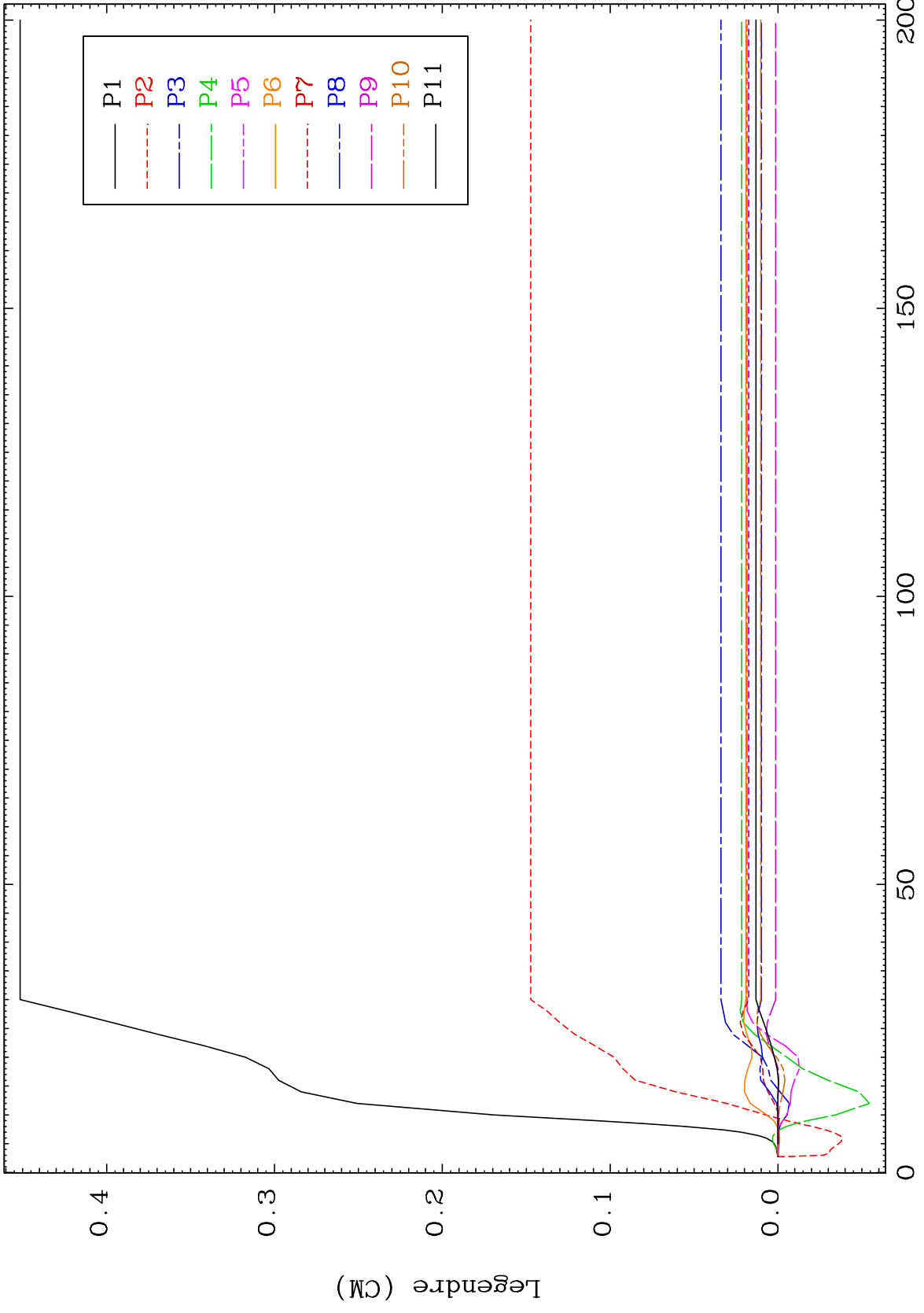




MAT 3043 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-70



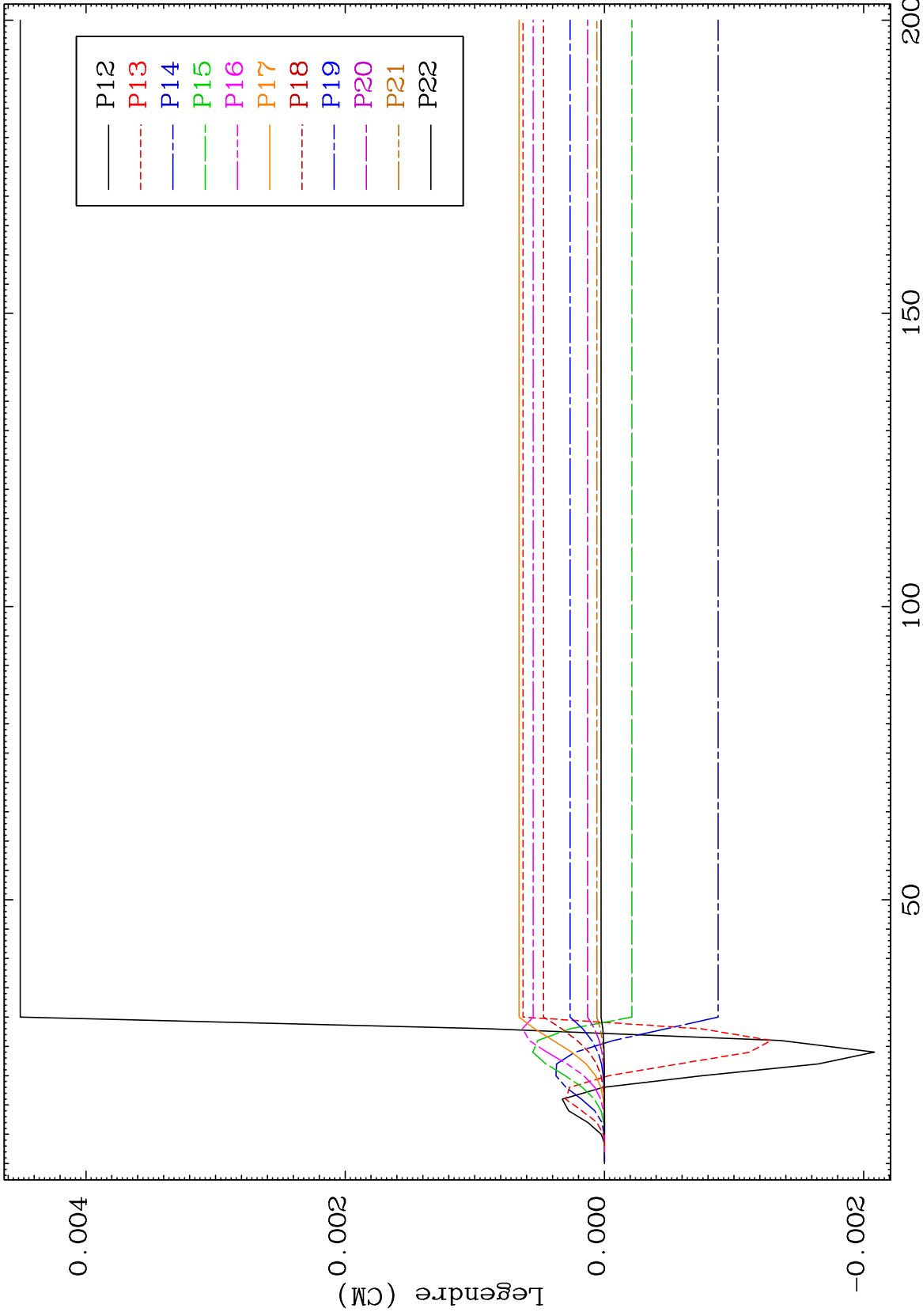
MAT 3043 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

30-Zn-70

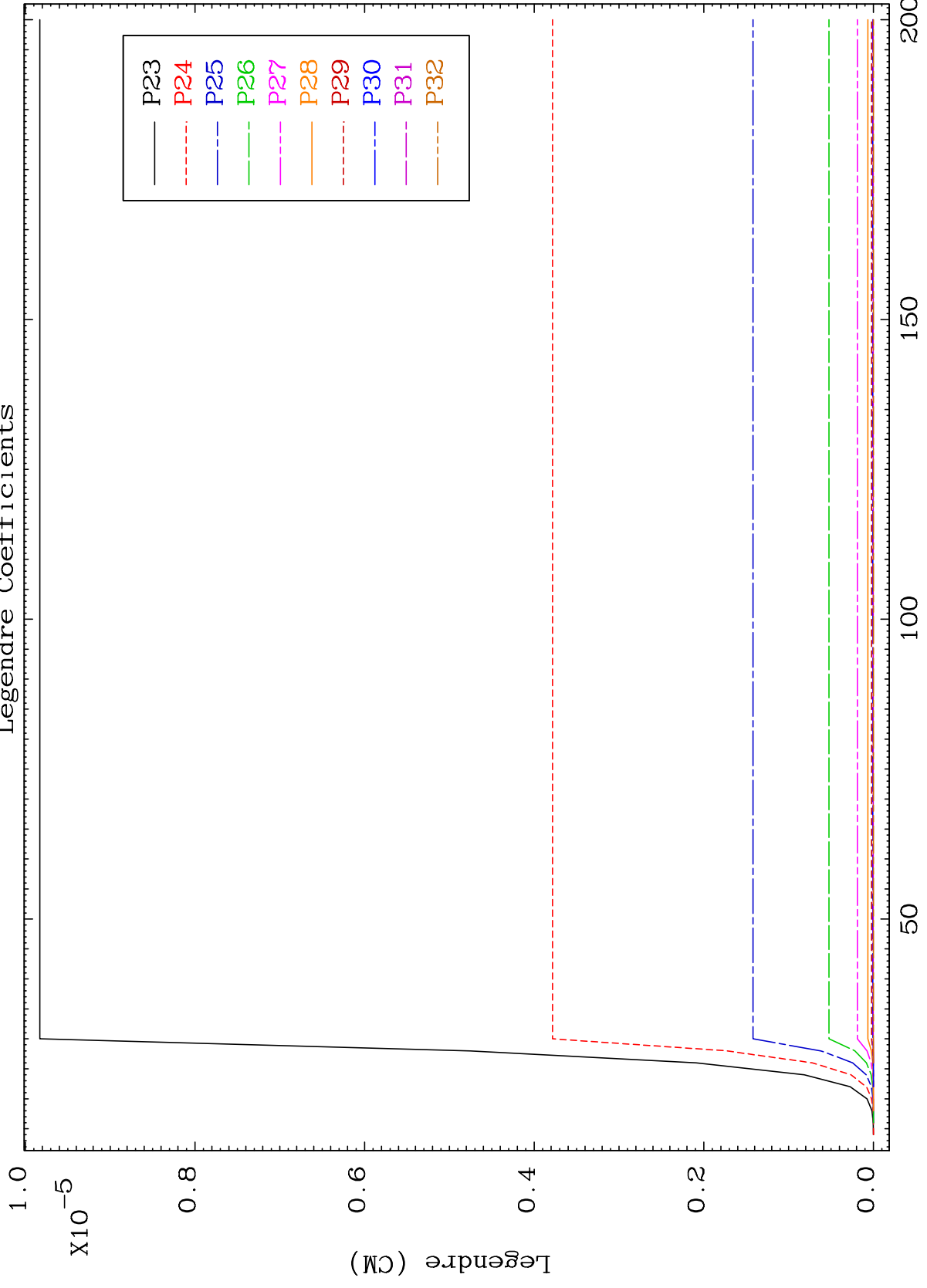


52

Incident Energy (MeV)

30-Zn-70

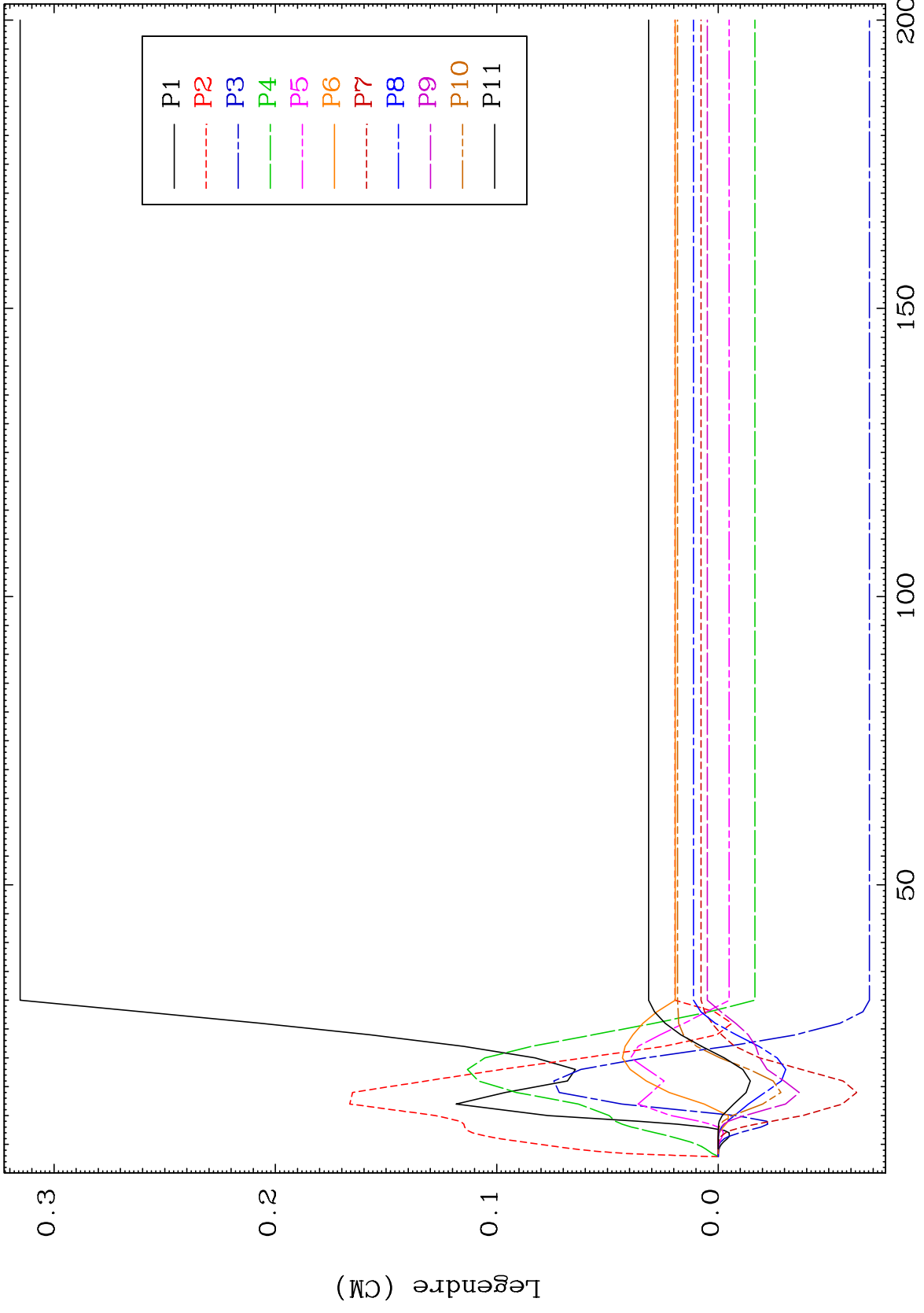
MAT 3043 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

30-Zn-70

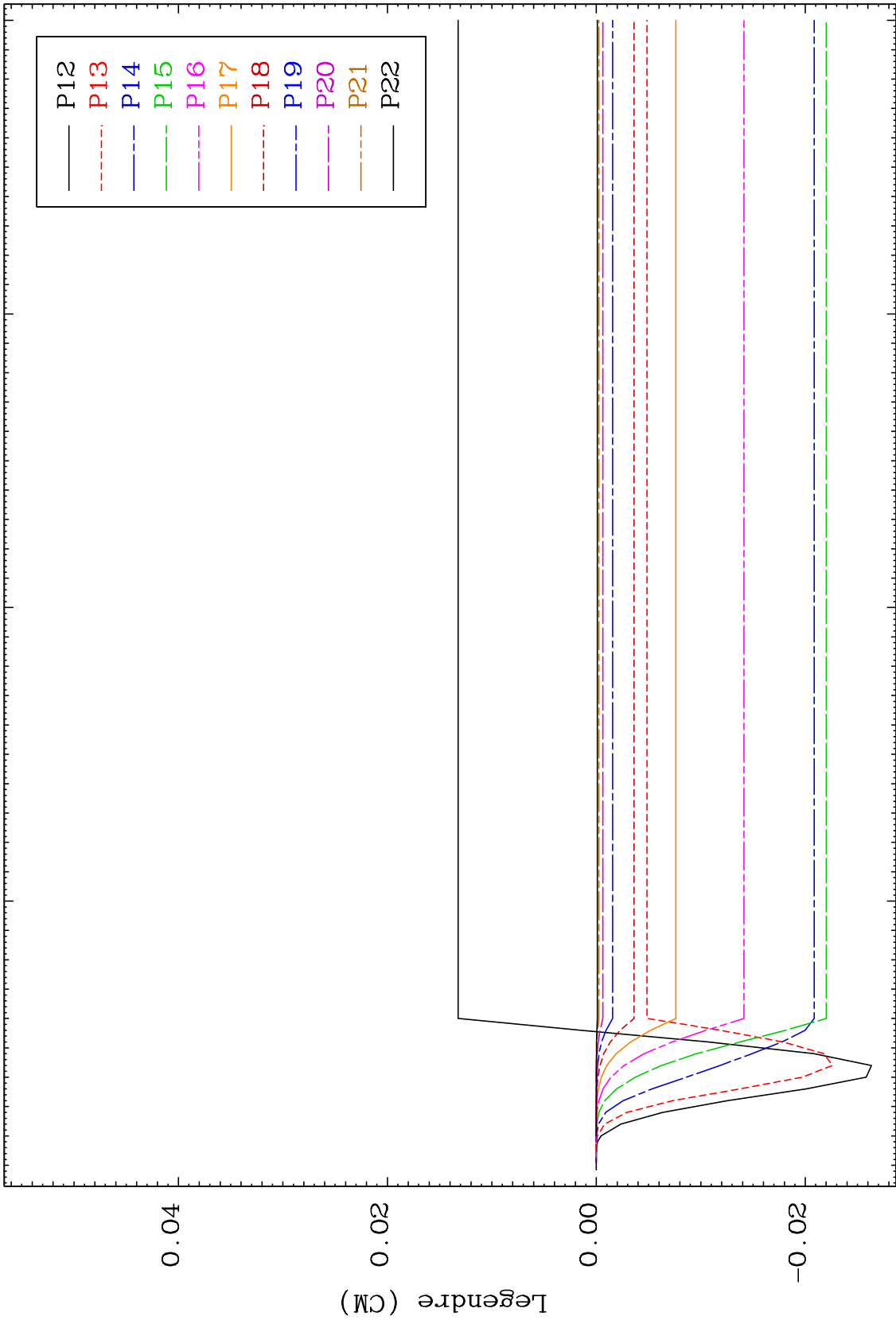


54

Incident Energy (MeV)

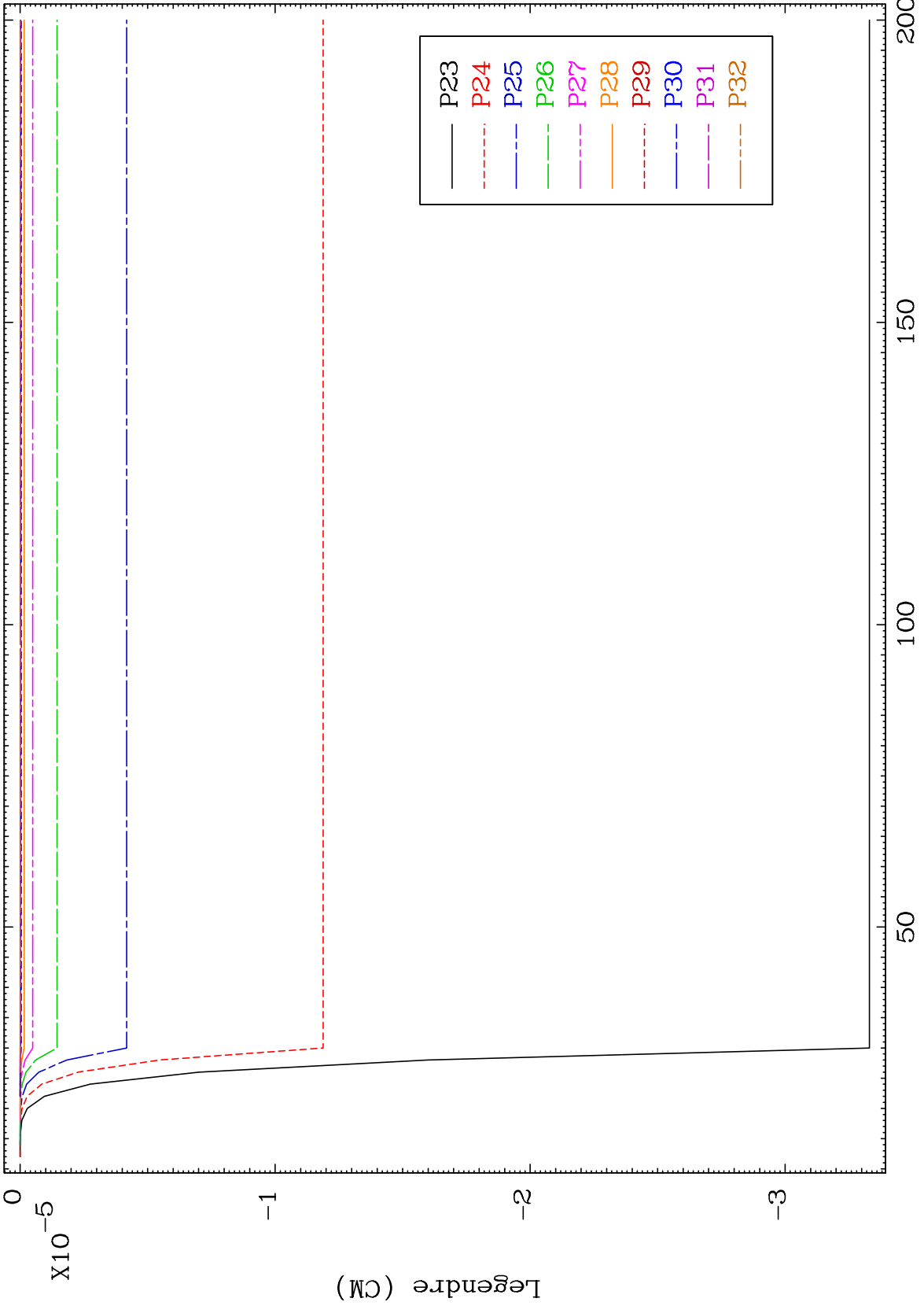
30-Zn-70

MAT 3043 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-70

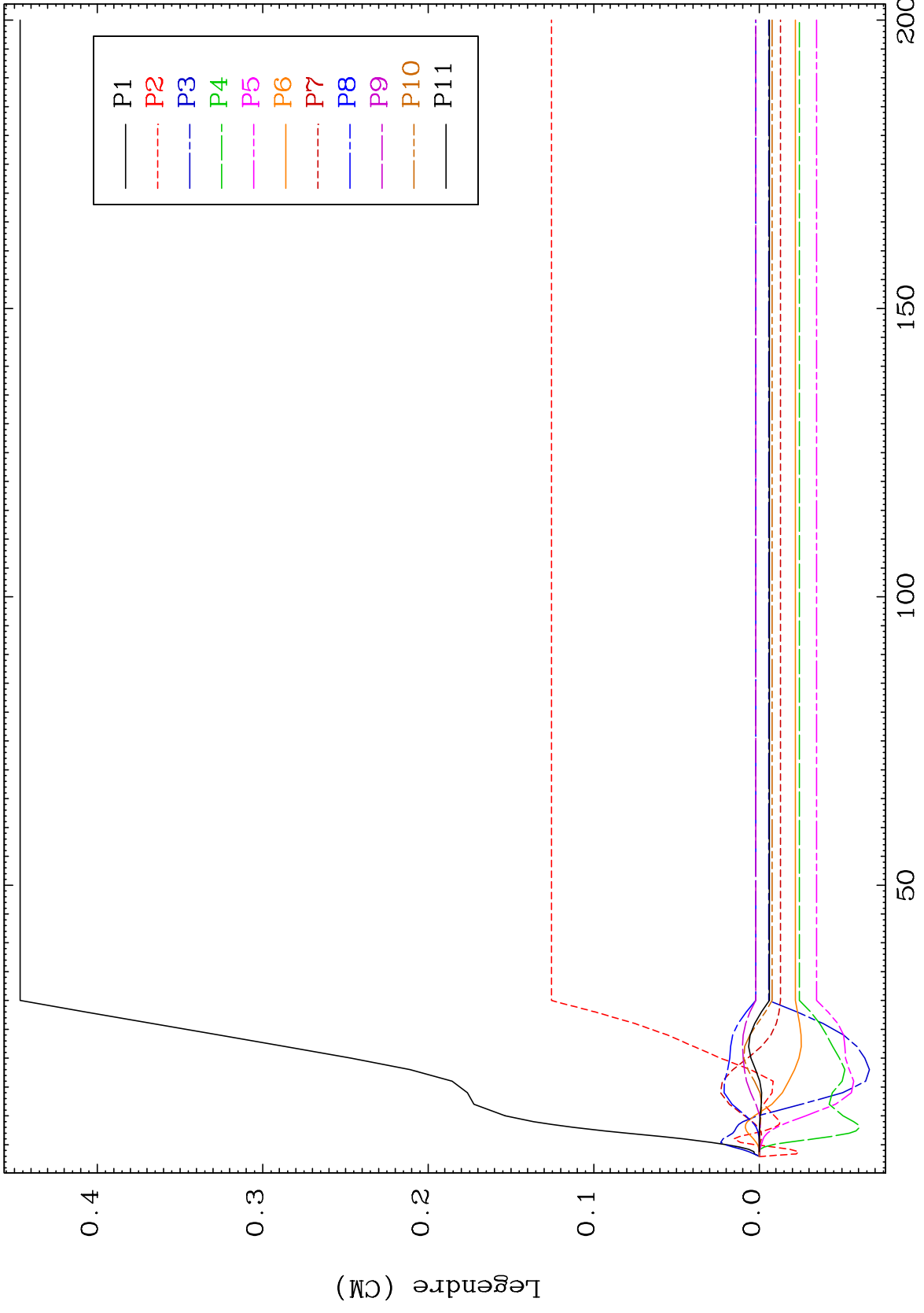


55 Incident Energy (MeV) 30-Zn-70

MAT 3043 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-70



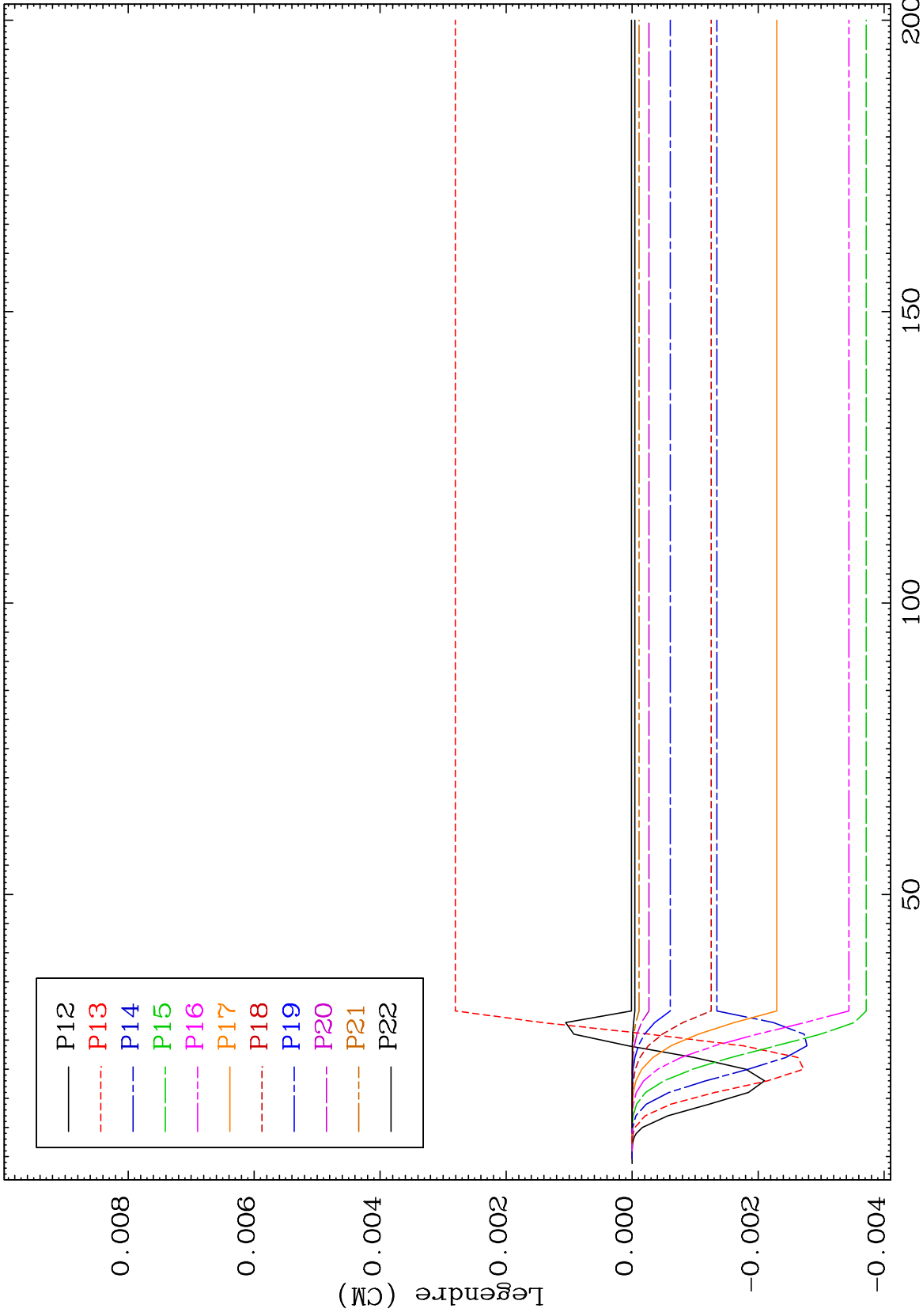
MAT 3043 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-70



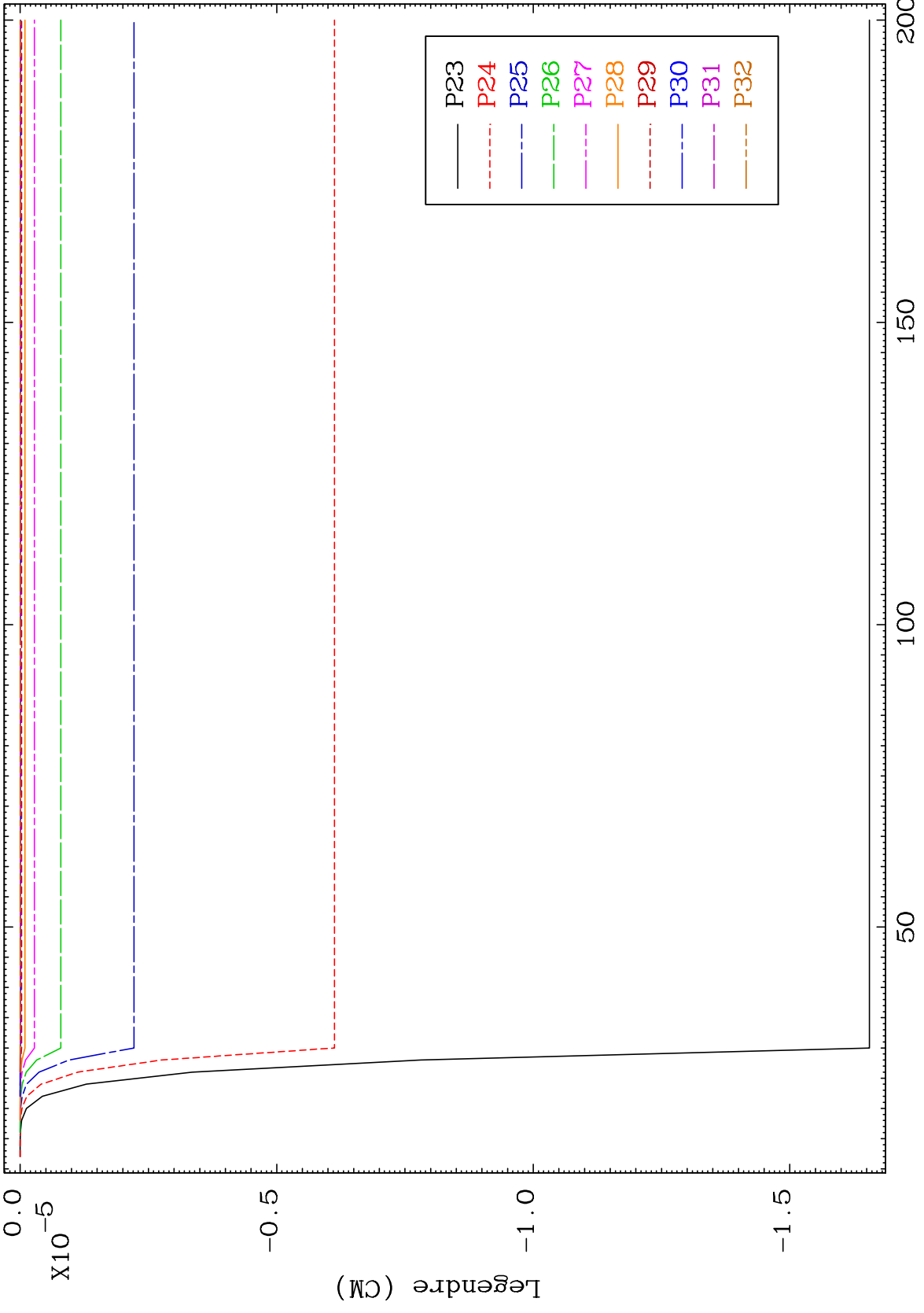
MAT 3043

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

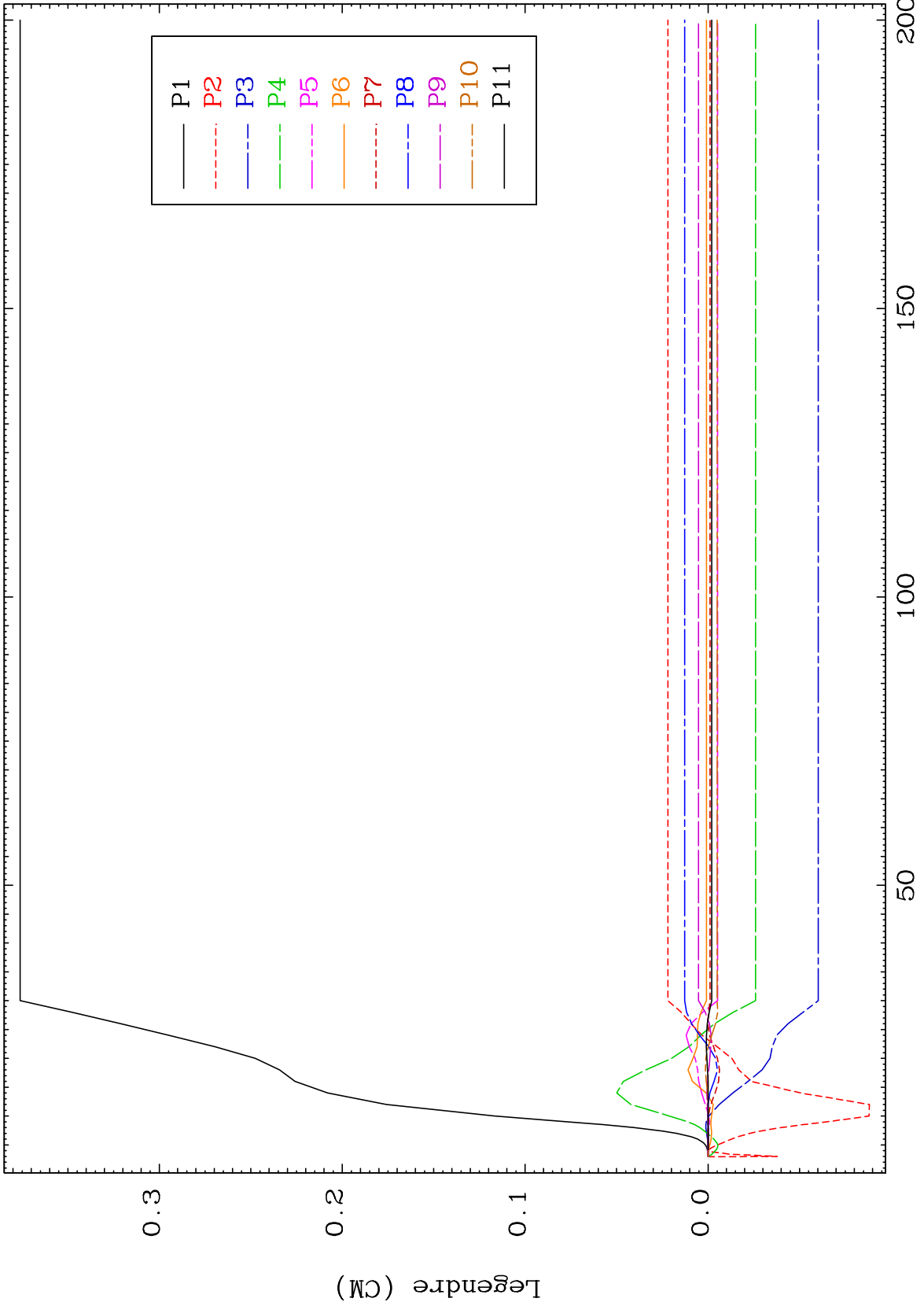
30-Zn-70



MAT 3043 MT= 63 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-70

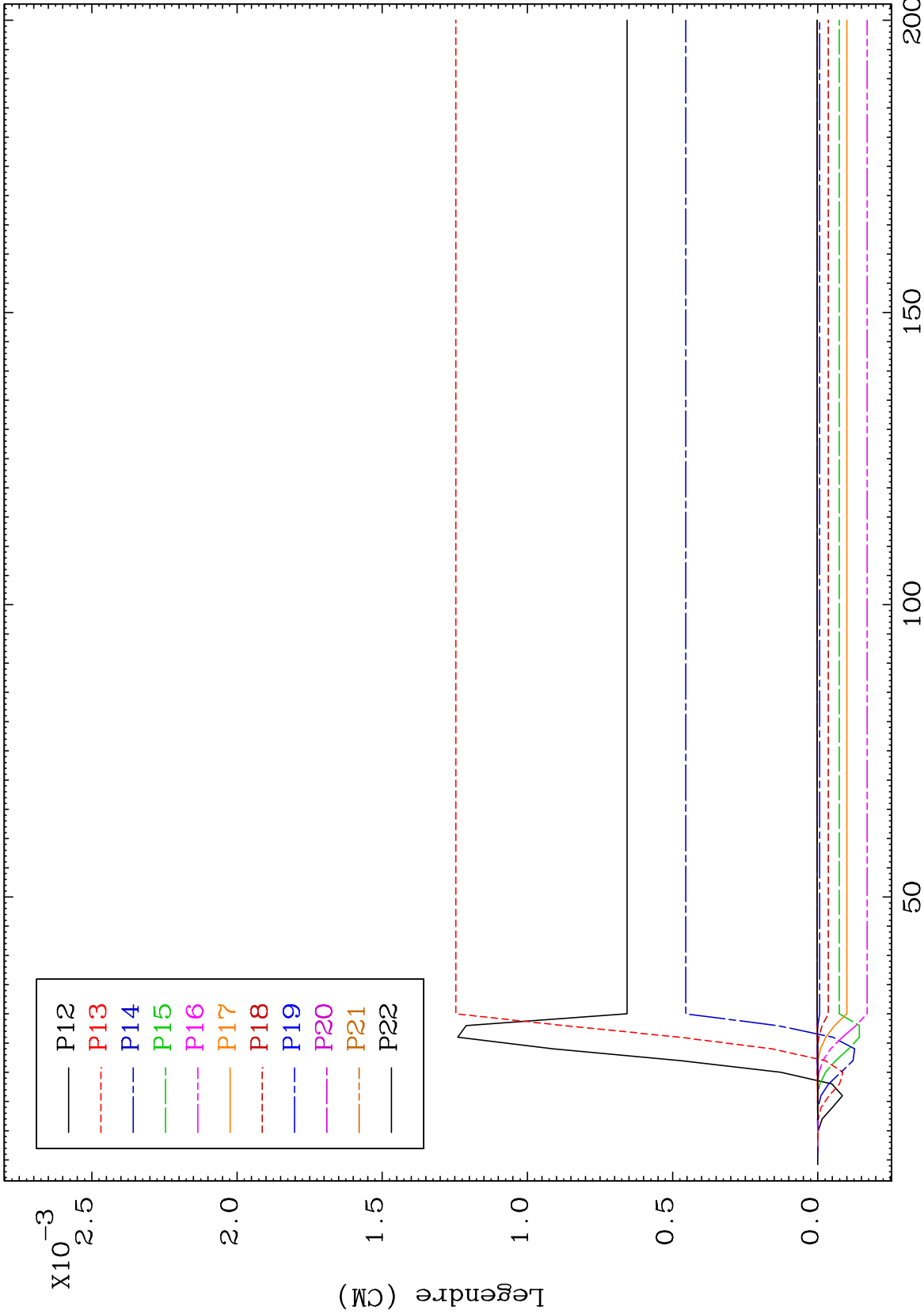


Incident Energy (MeV) 30-Zn-70

MAT 3043

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

30-Zn-70

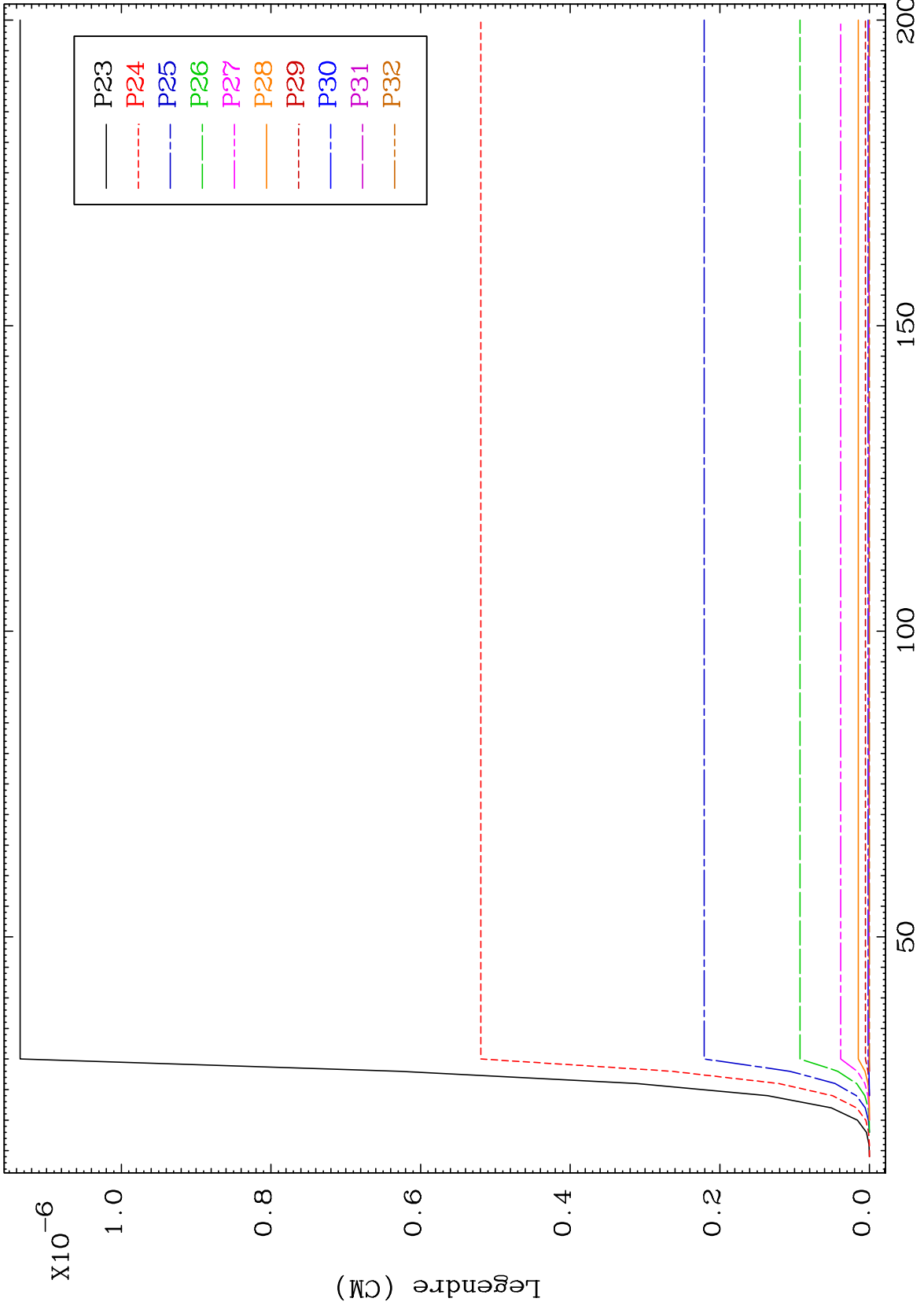


61

Incident Energy (MeV)

30-Zn-70

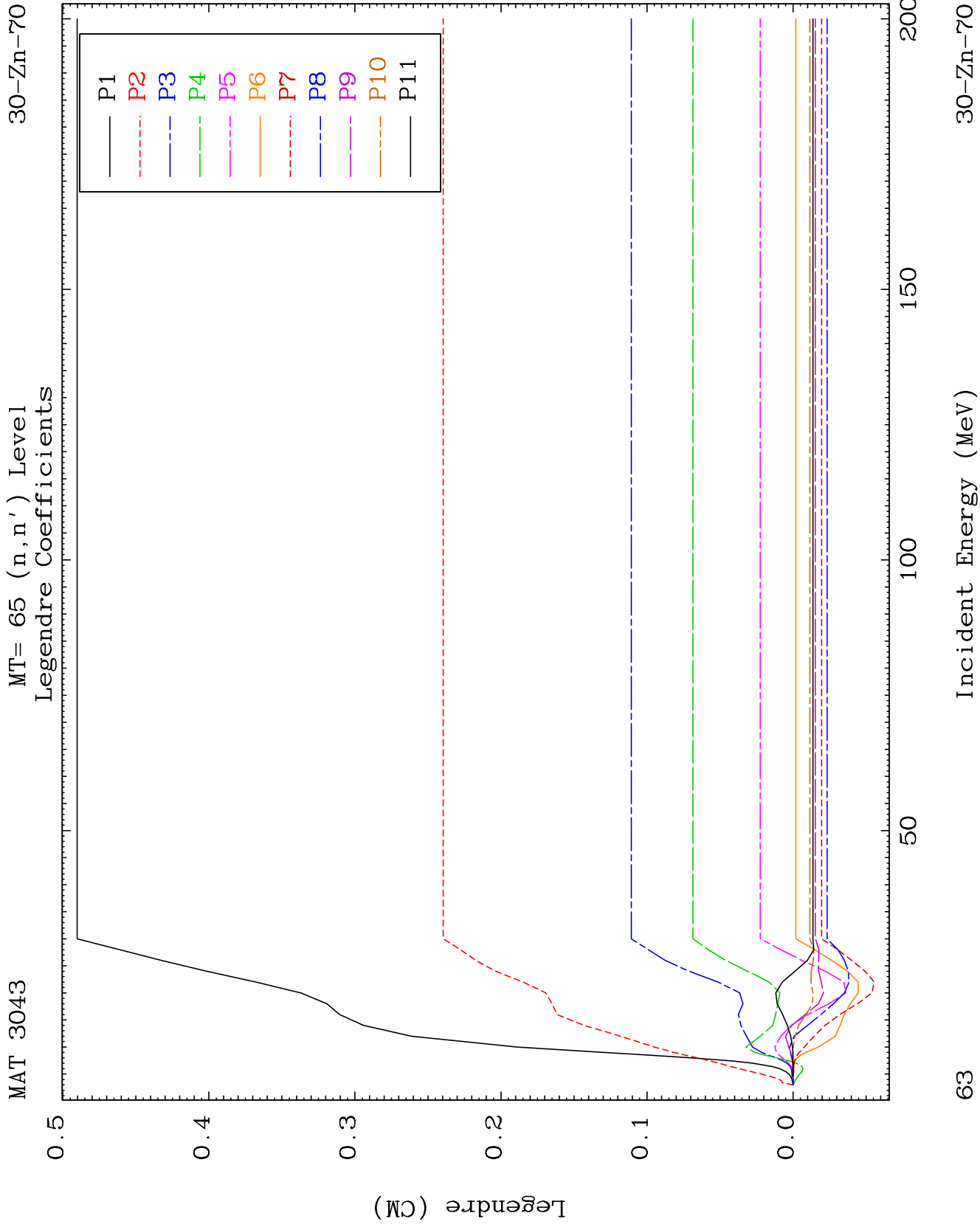
MAT 3043 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-70

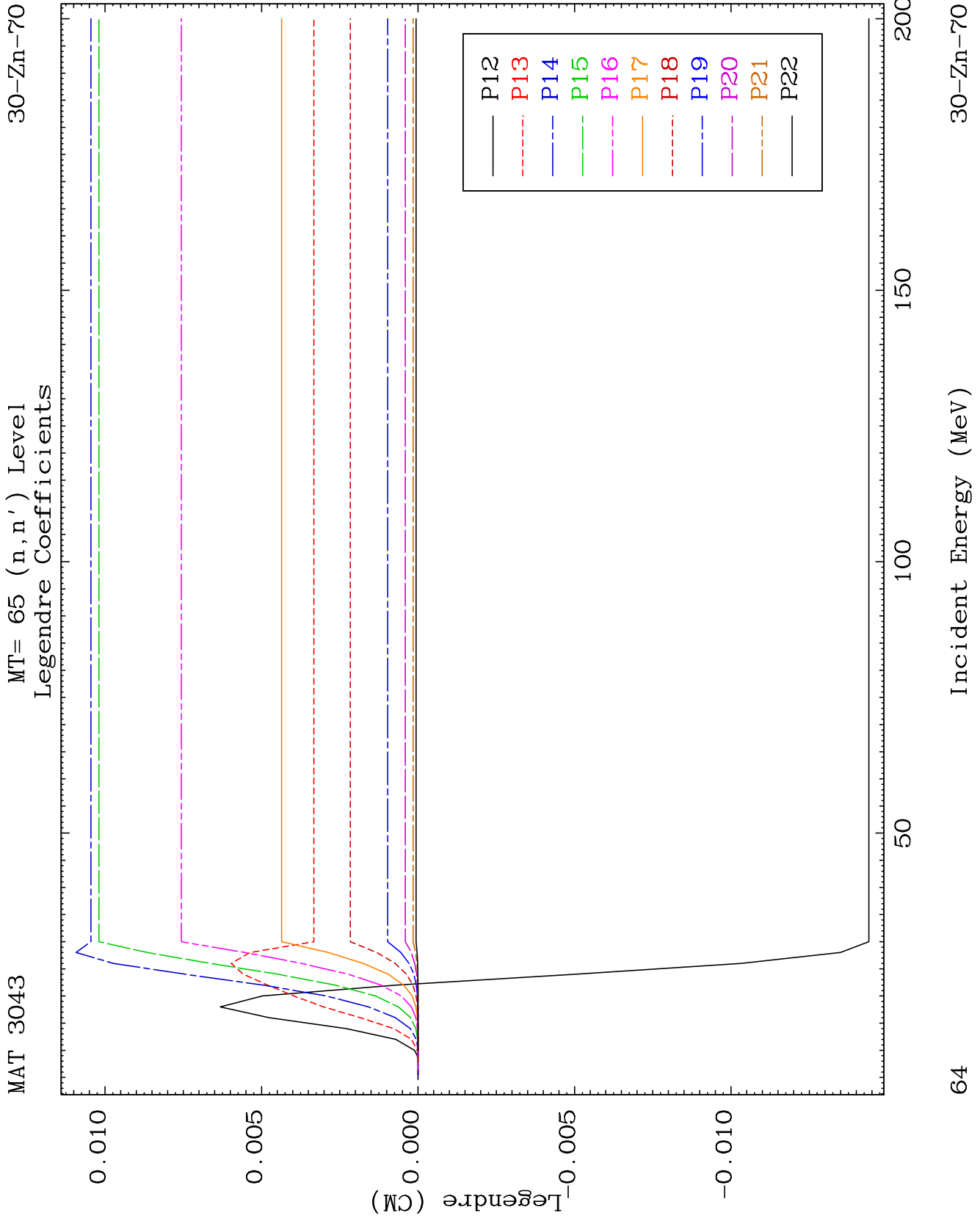


62

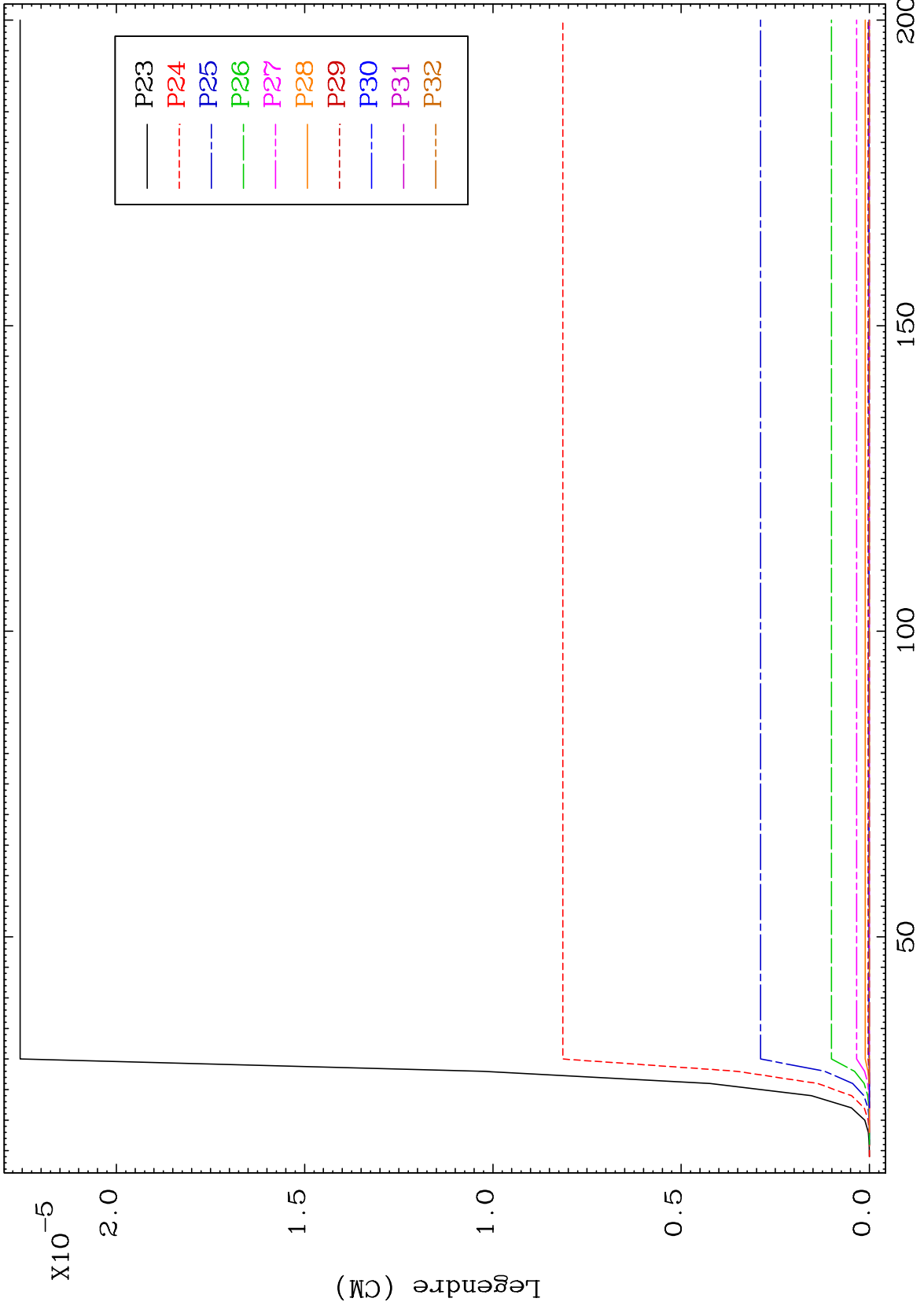
Incident Energy (MeV)

30-Zn-70



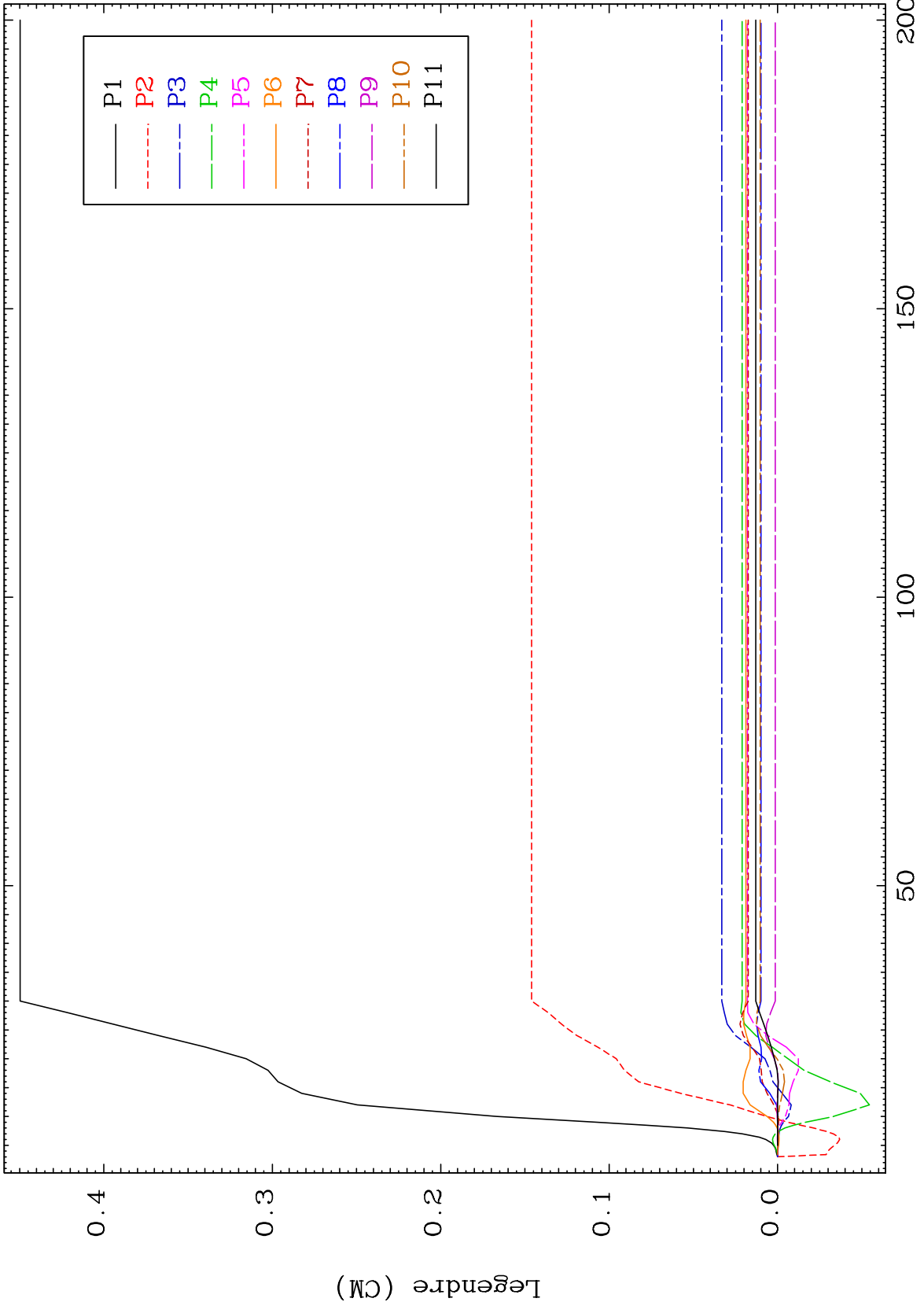


MAT 3043 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-70



65 Incident Energy (MeV) 30-Zn-70

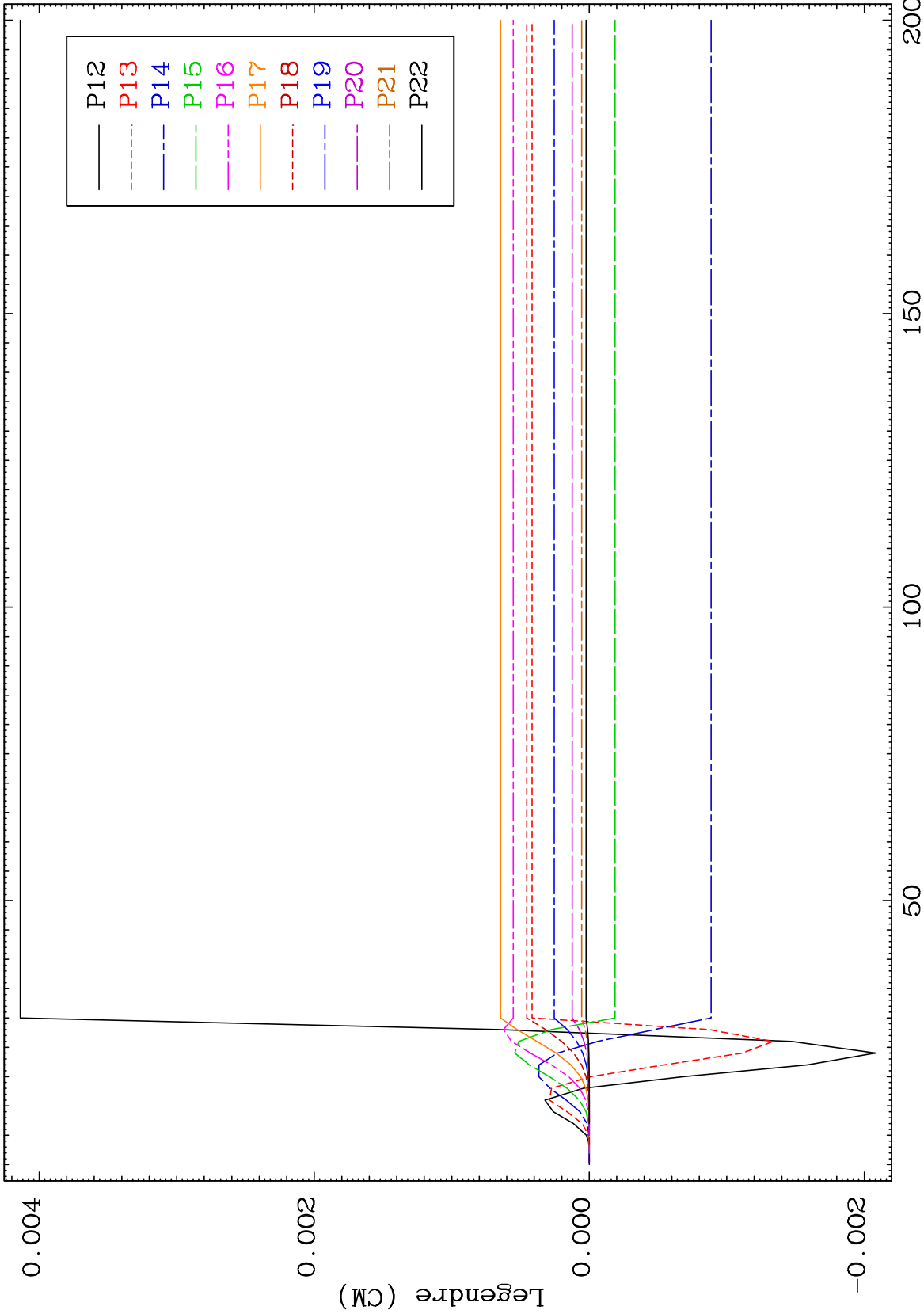
MAT 3043 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

30-Zn-70



67

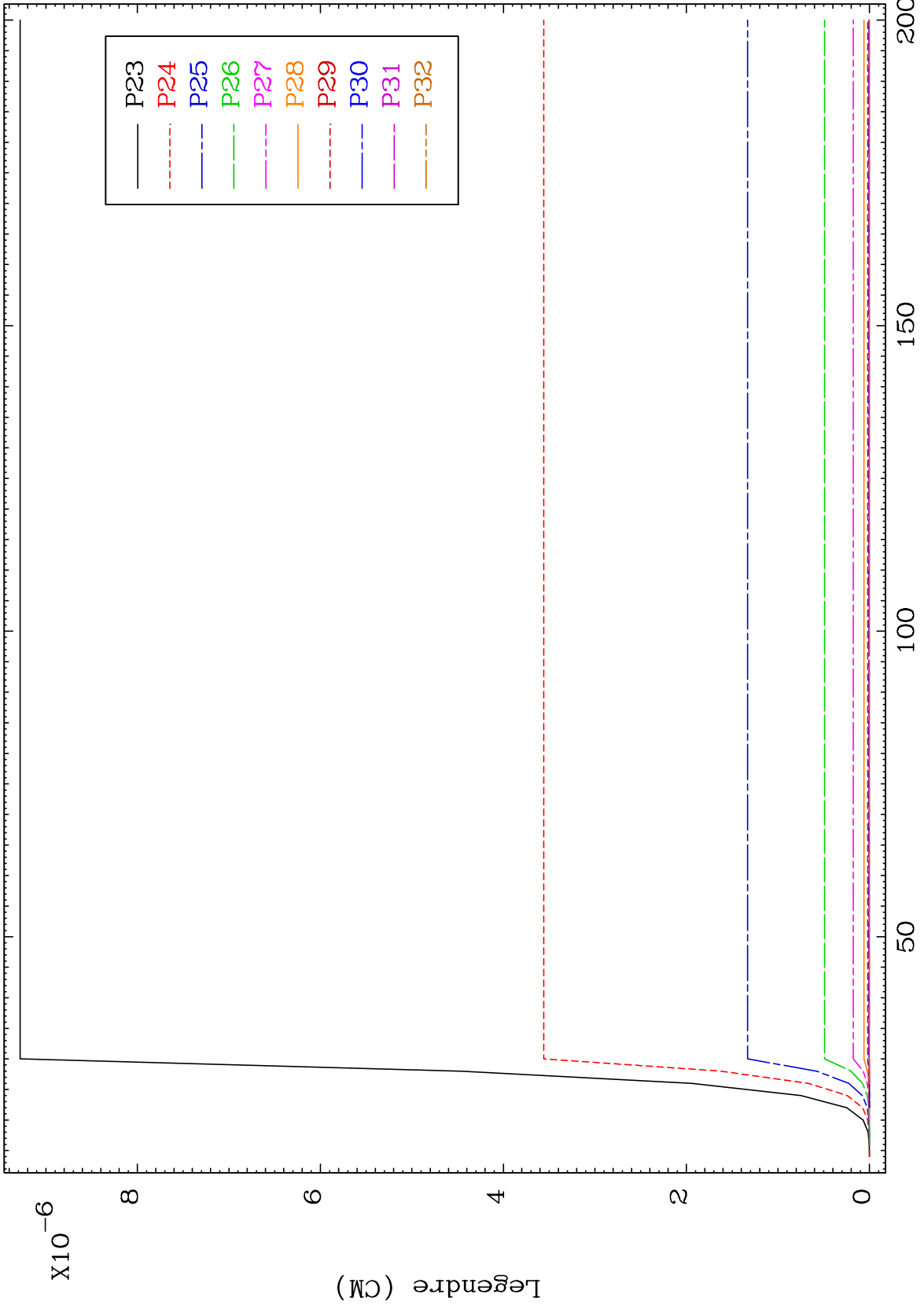
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

30-Zn-70



68

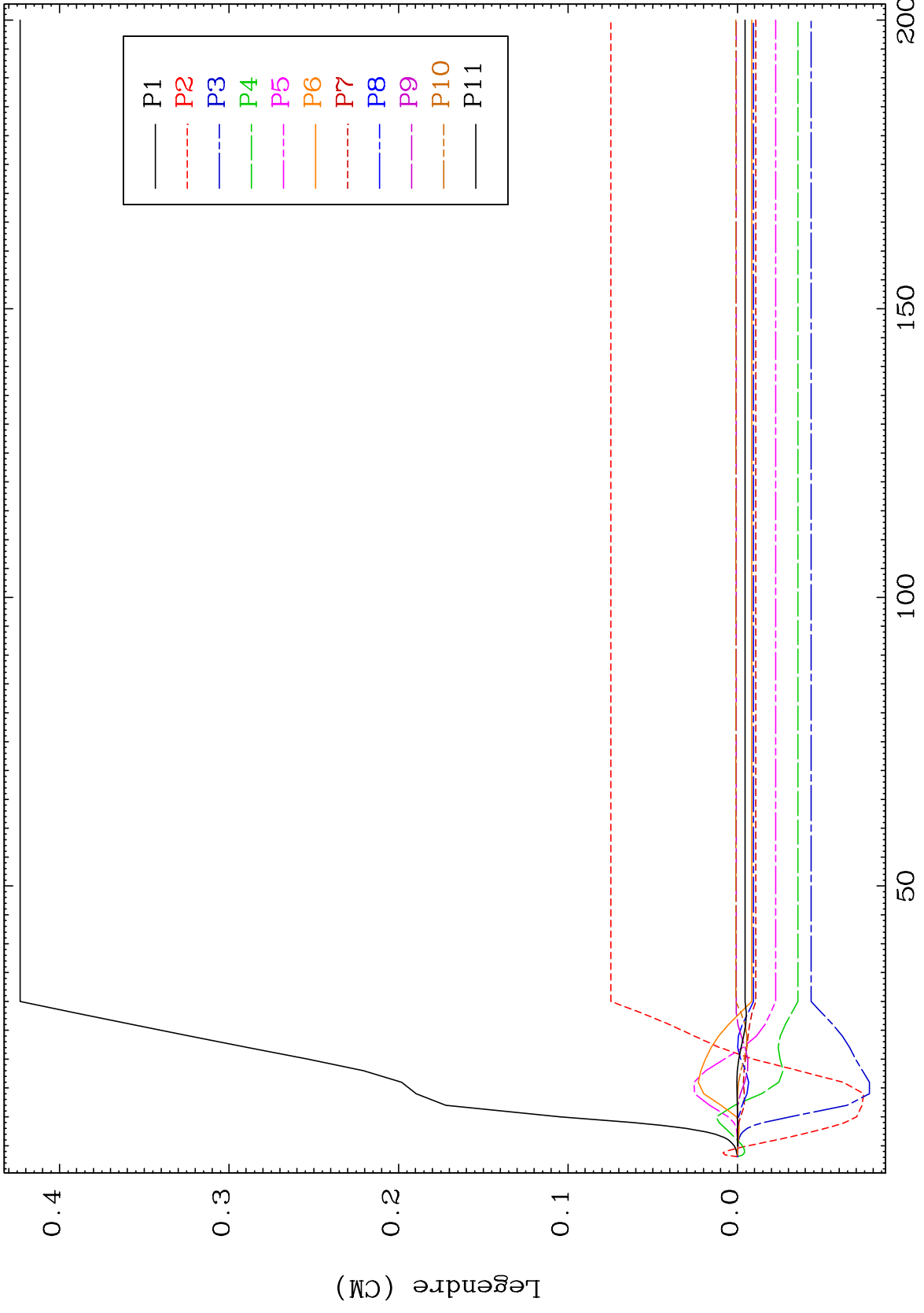
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

30-Zn-70

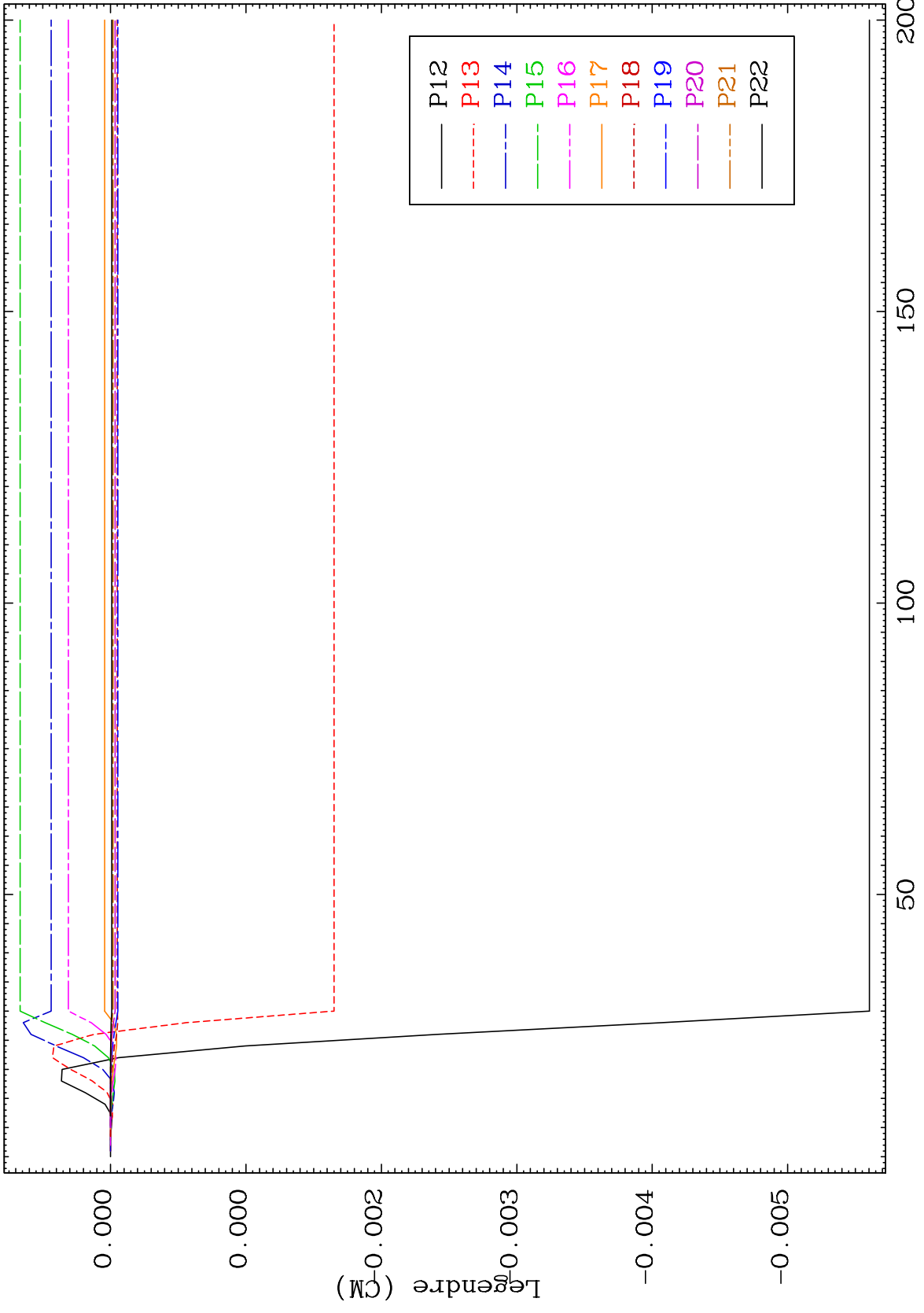


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Incident Energy (MeV)

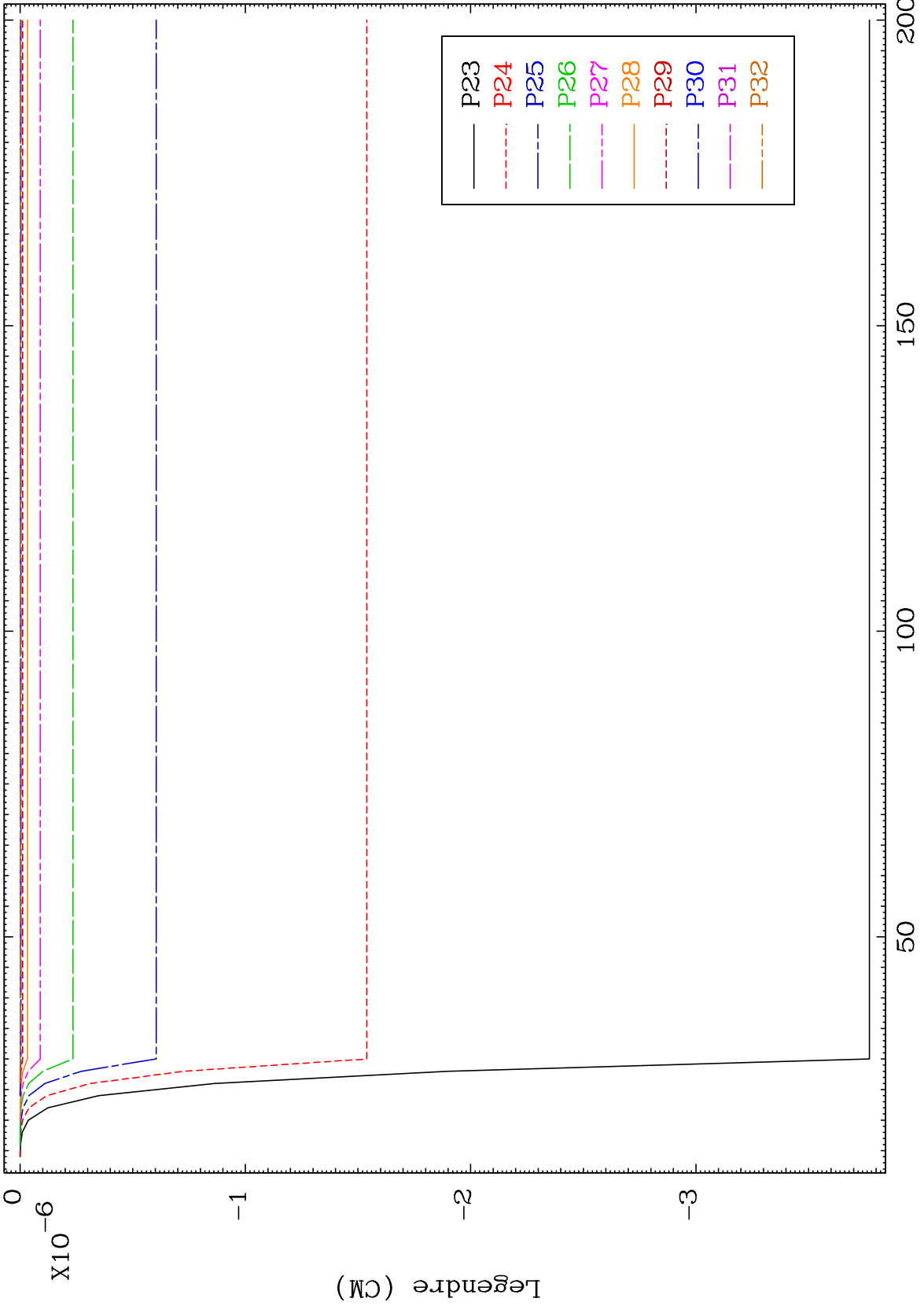
30-Zn-70

MAT 3043 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-70

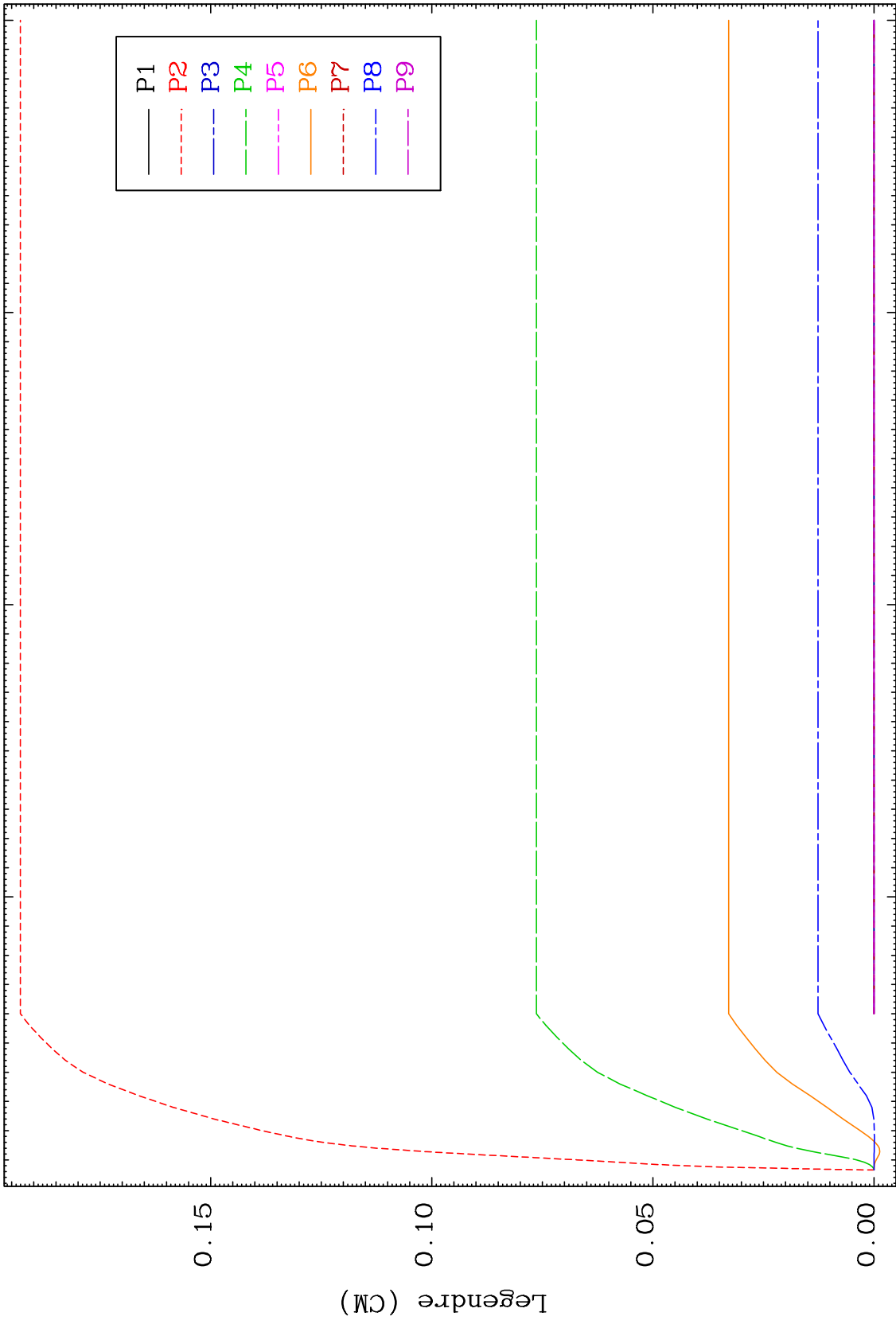


70 30-Zn-70

MAT 3043 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-70

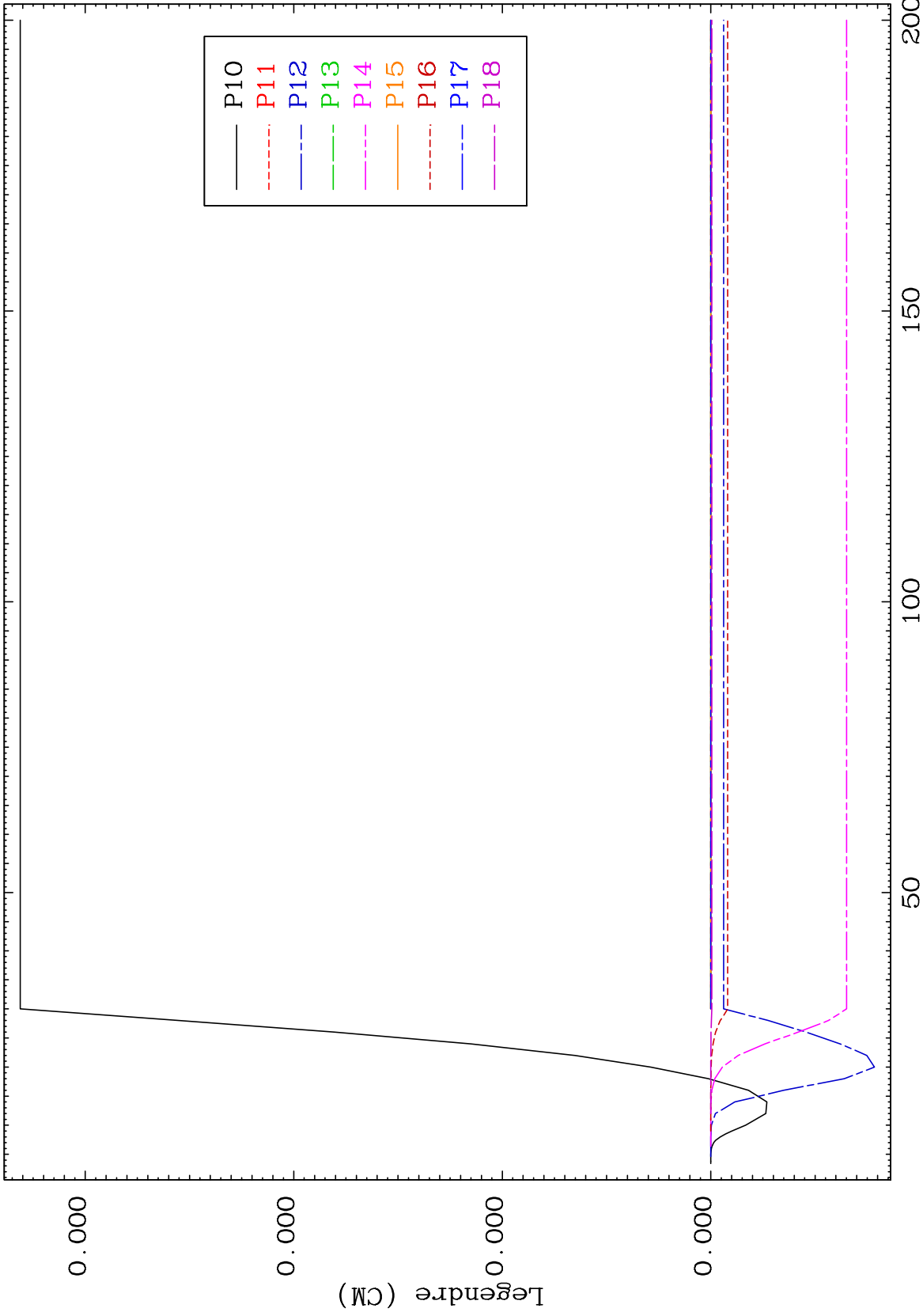


72 Incident Energy (MeV) 30-Zn-70

MAT 3043

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

30-Zn-70

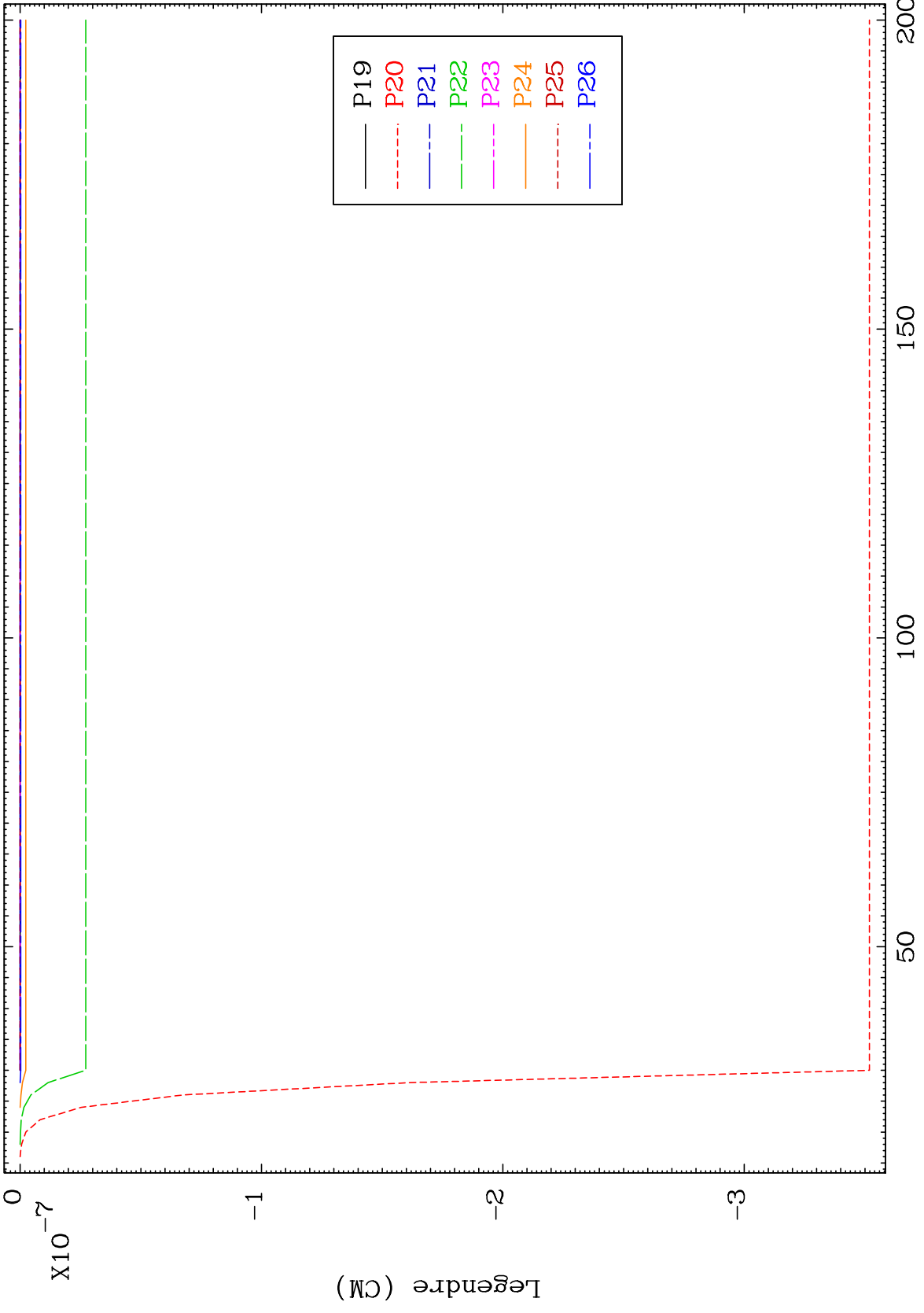


73

Incident Energy (MeV)

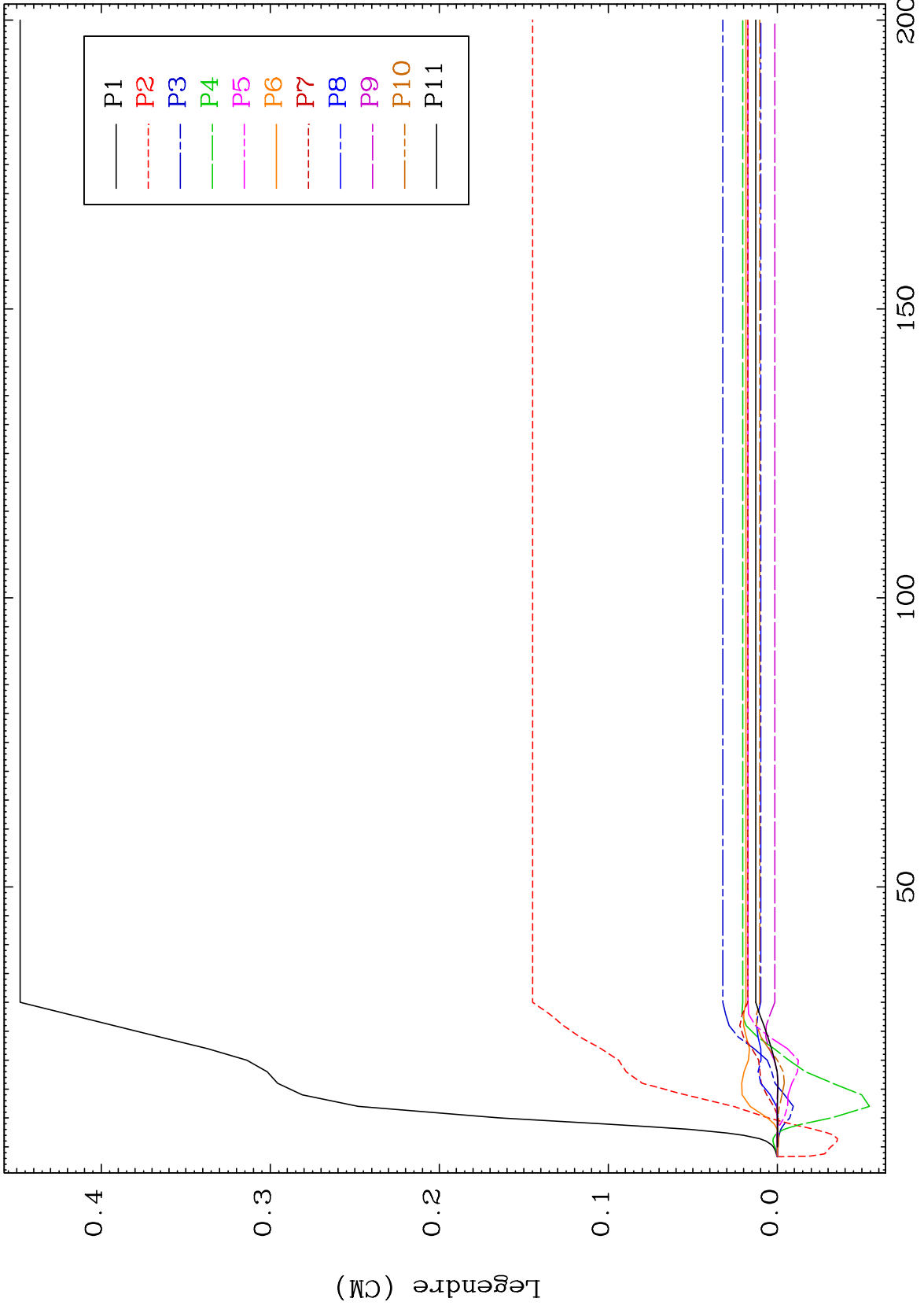
30-Zn-70

MAT 3043 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-70



74 30-Zn-70

MAT 3043 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-70

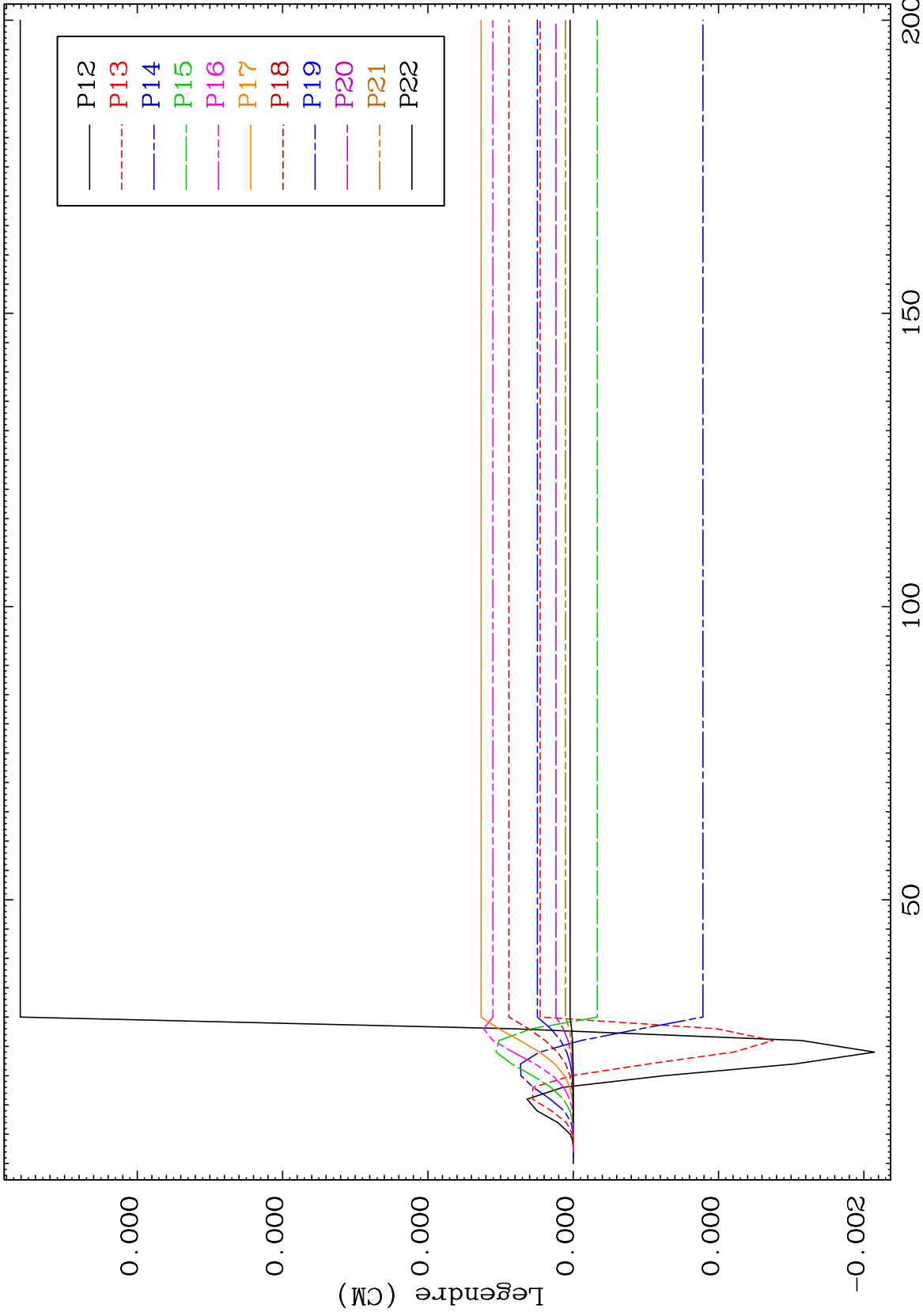


75 Incident Energy (MeV) 30-Zn-70

MAT 3043

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

30-Zn-70



76

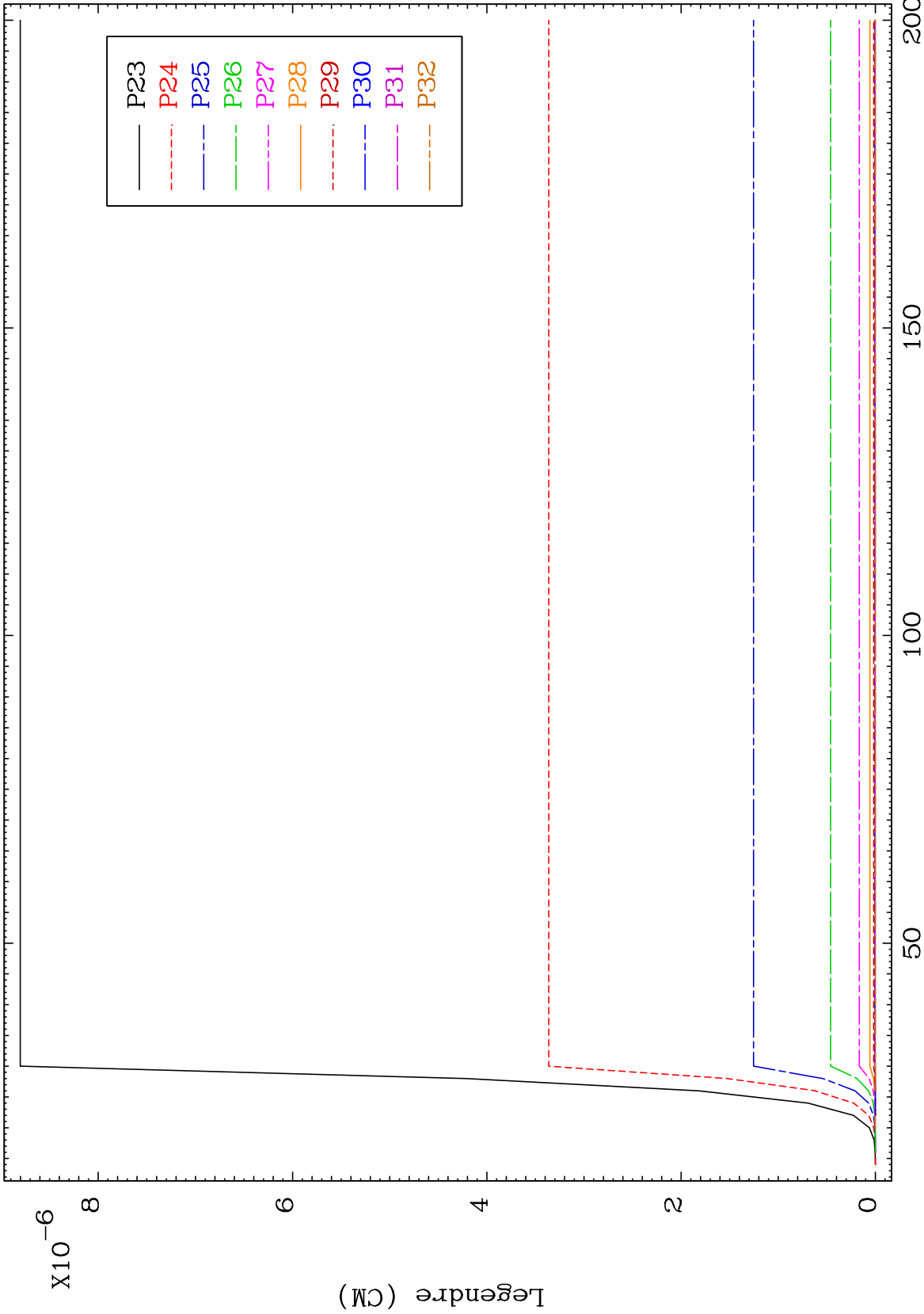
Incident Energy (MeV)

30-Zn-70

MAT 3043

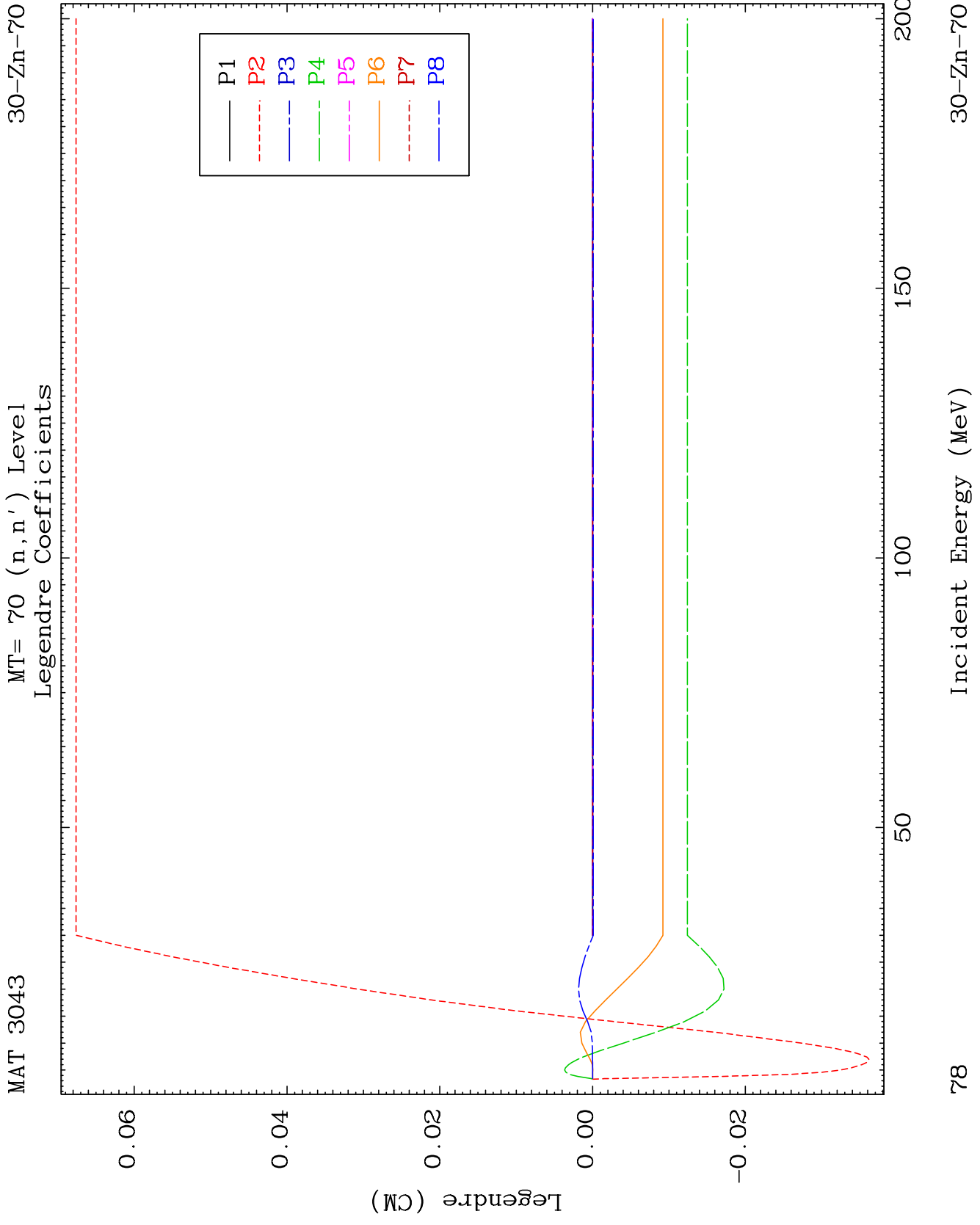
MT= 69 (n,n') Level
Legendre Coefficients

30-Zn-70

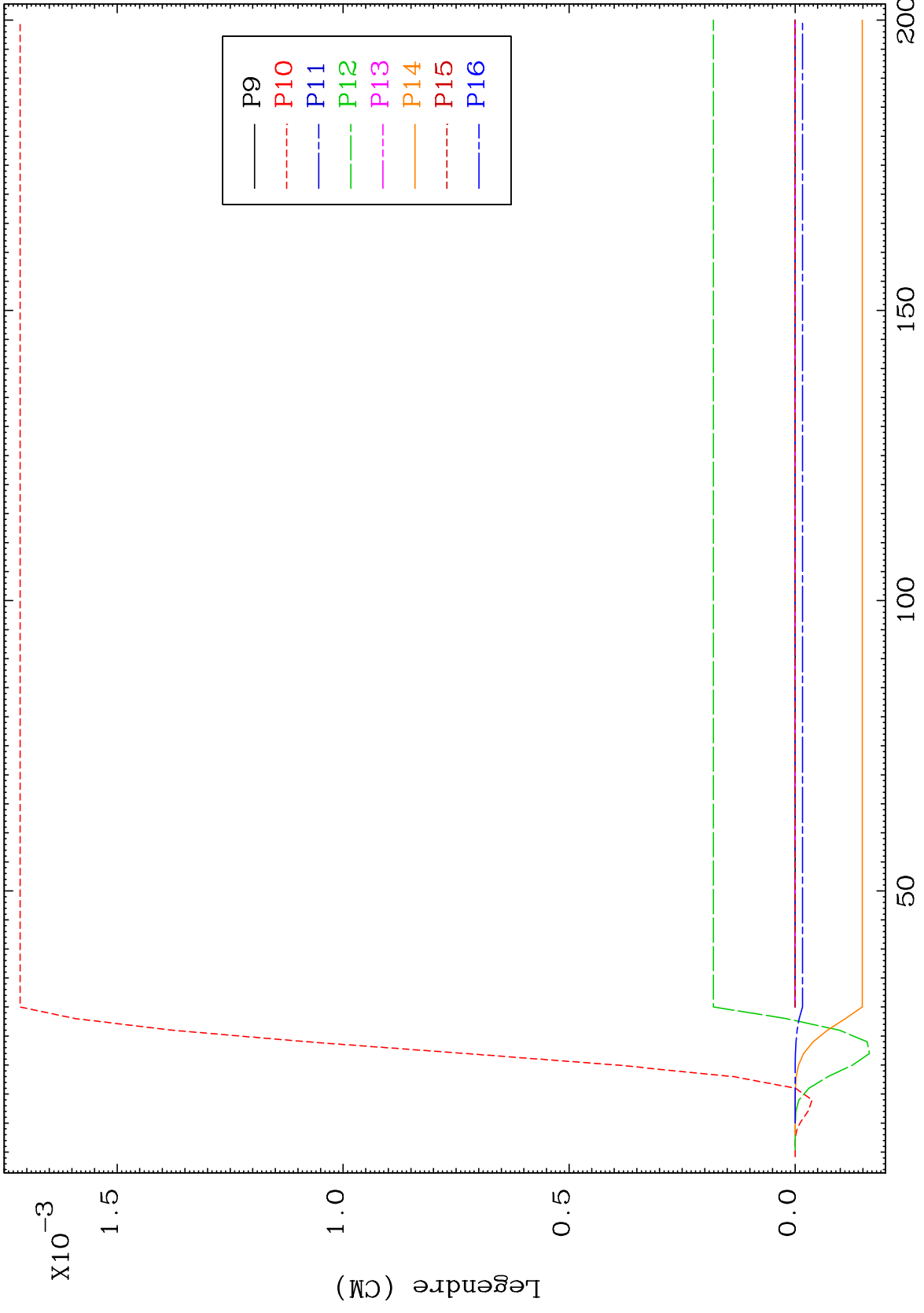


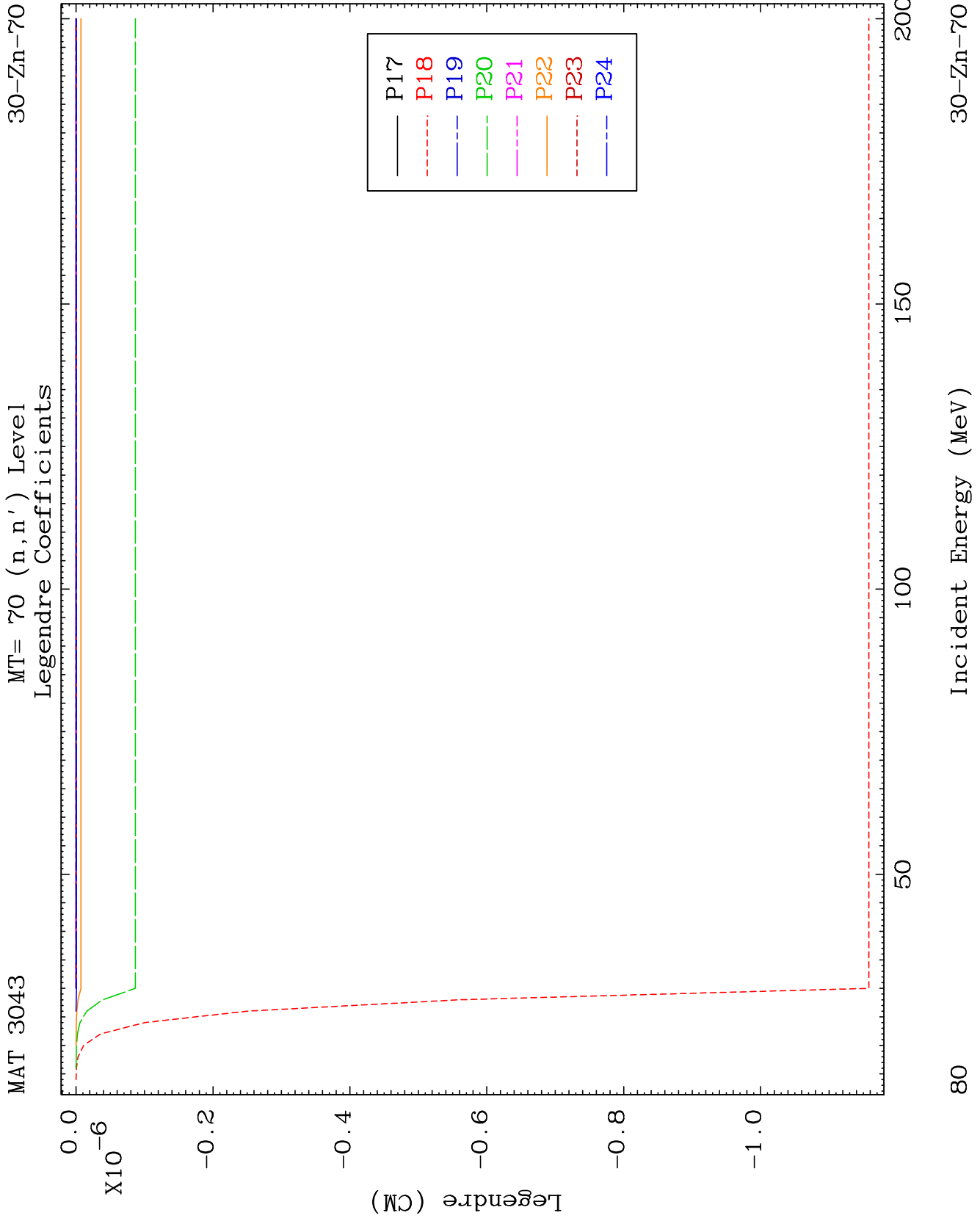
77

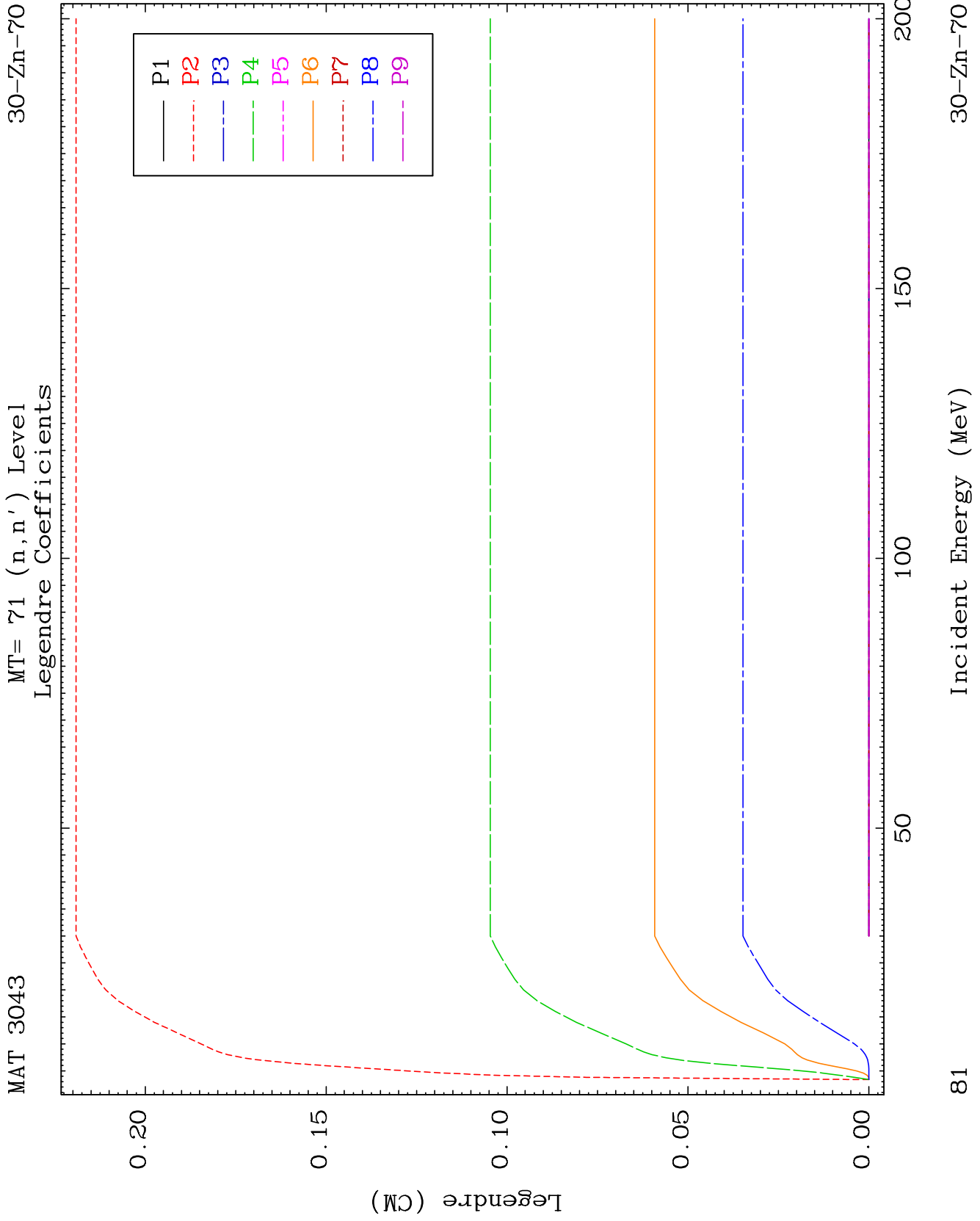
30-Zn-70



MAT 3043 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-70



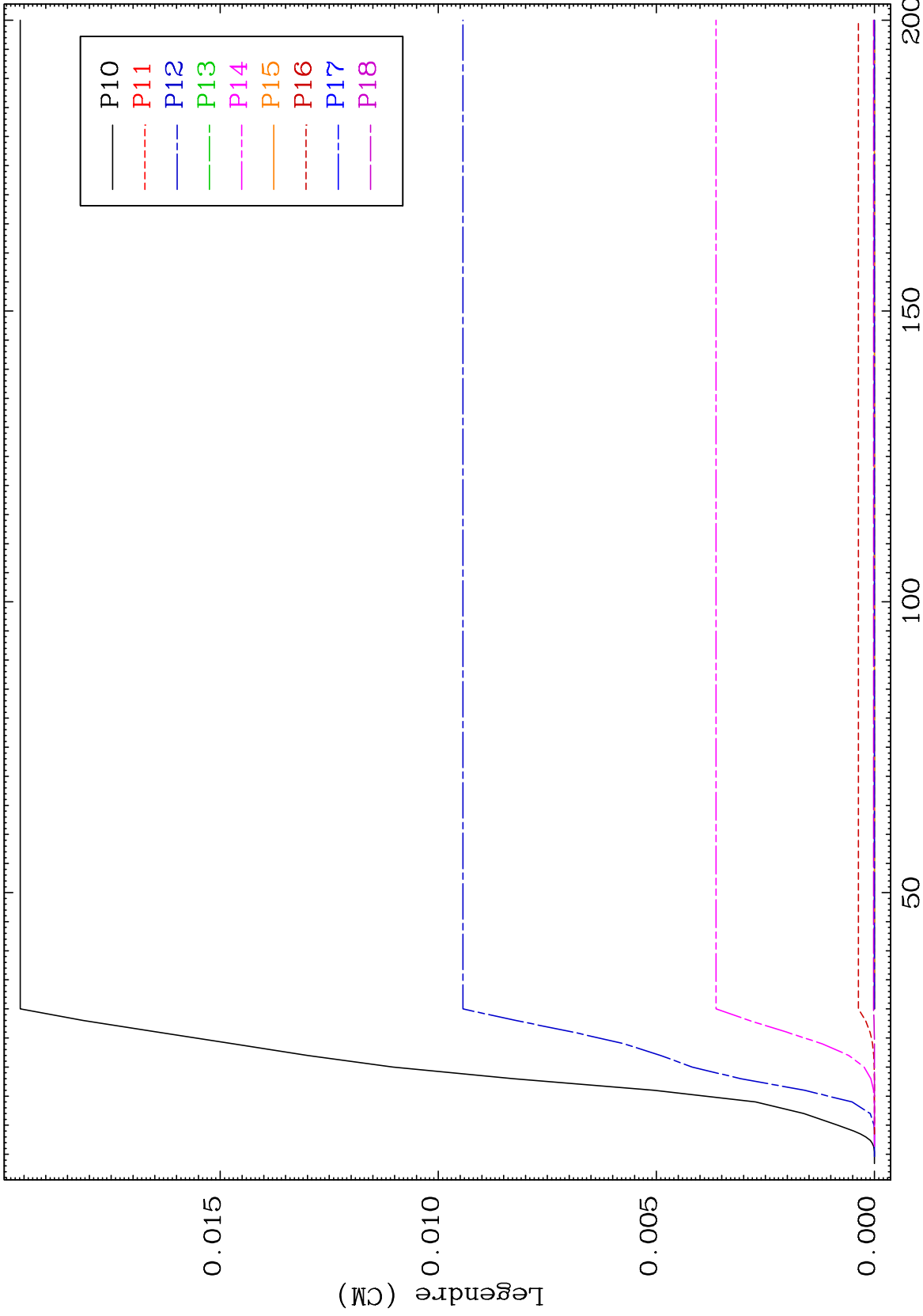




MAT 3043

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

30-Zn-70

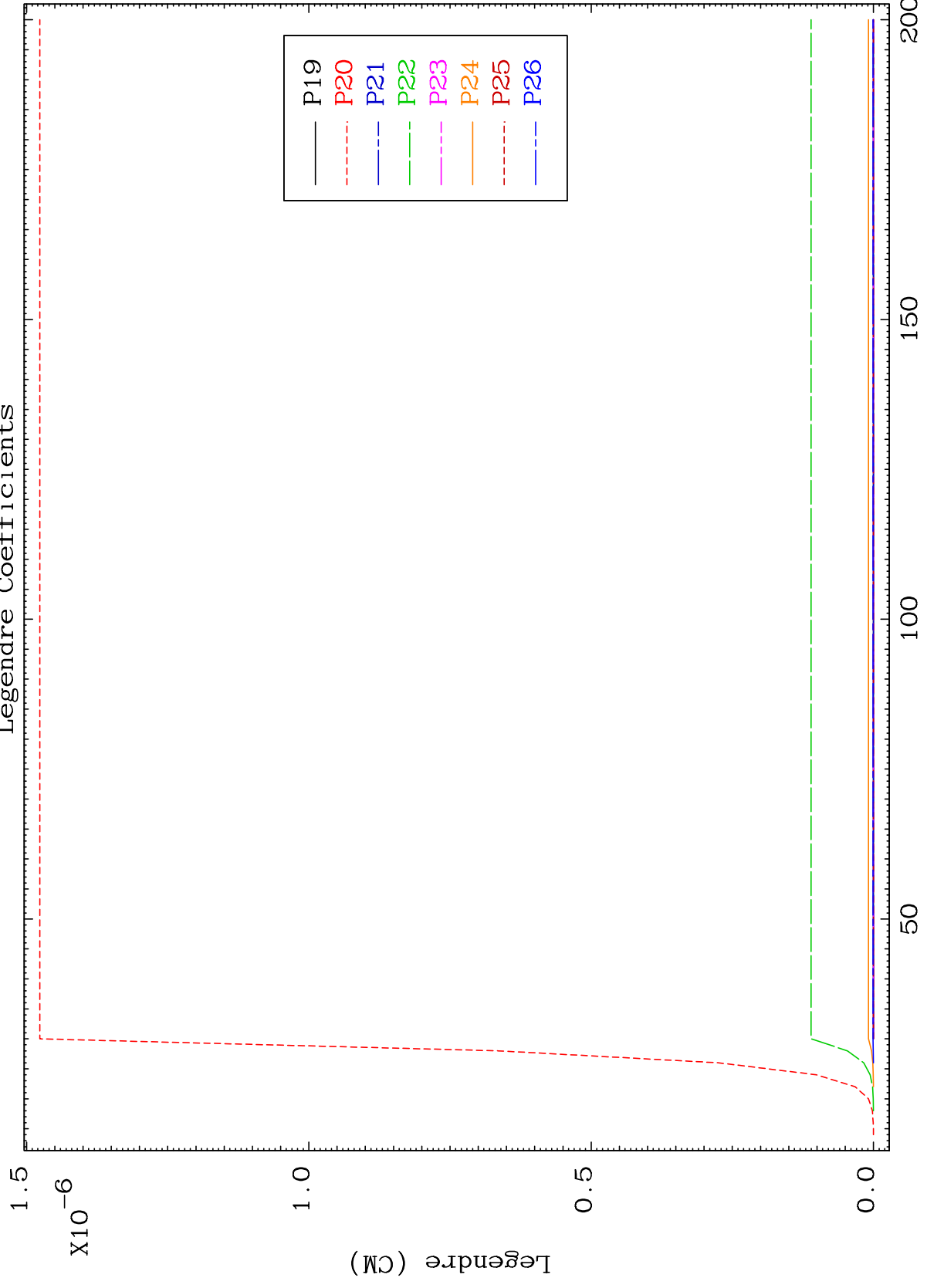


82

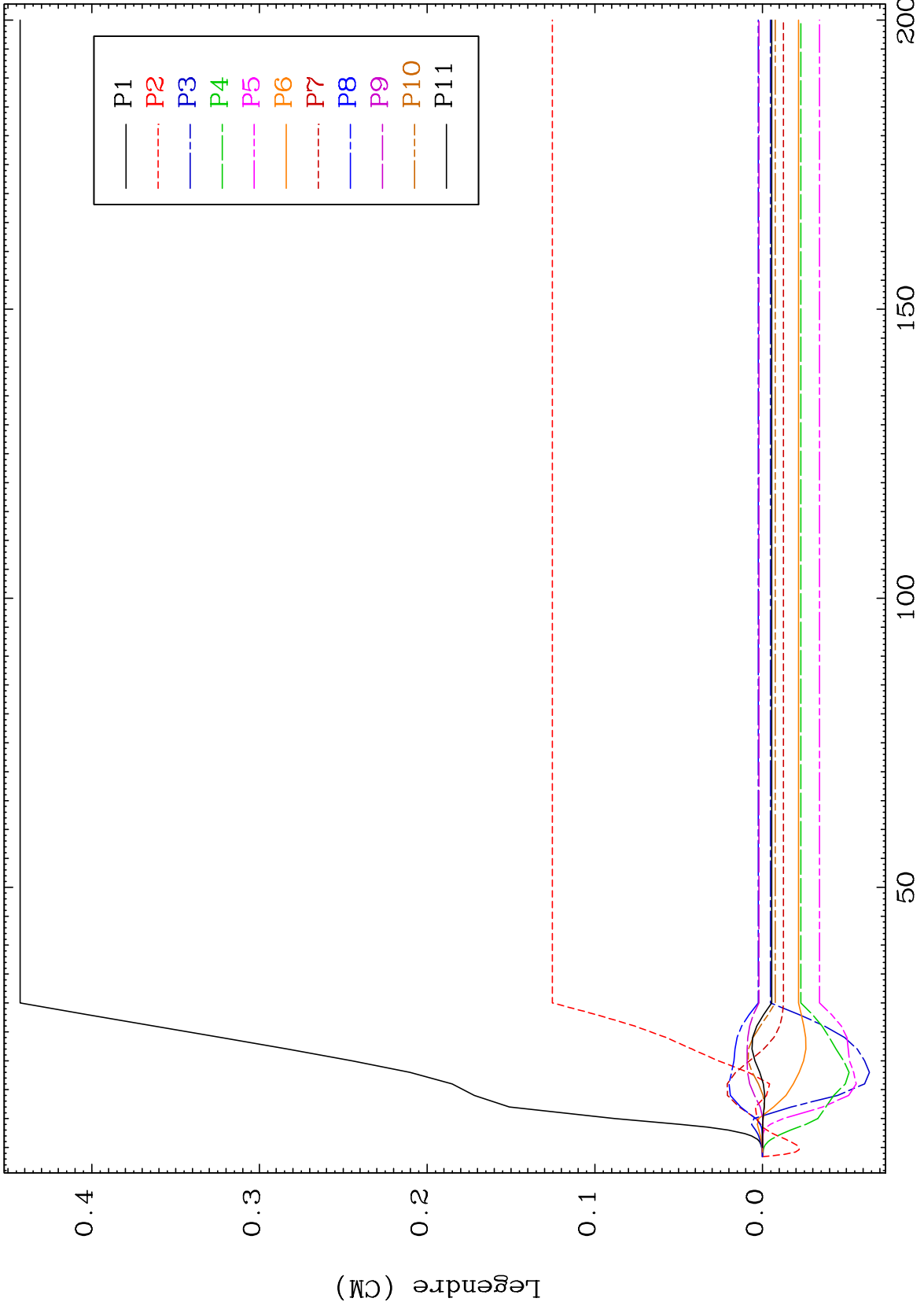
Incident Energy (MeV)

30-Zn-70

MAT 3043 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-70



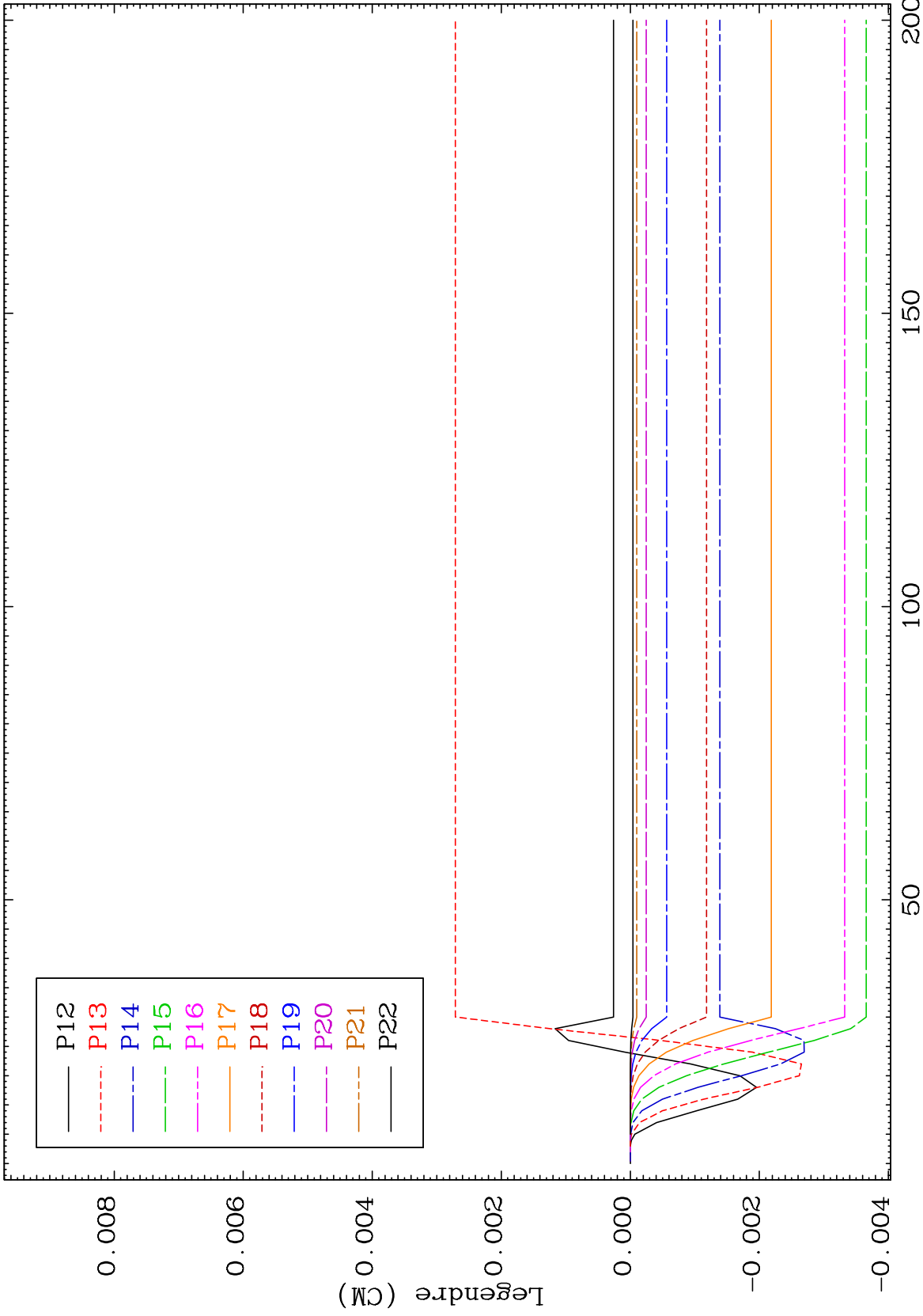
MAT 3043 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

30-Zn-70

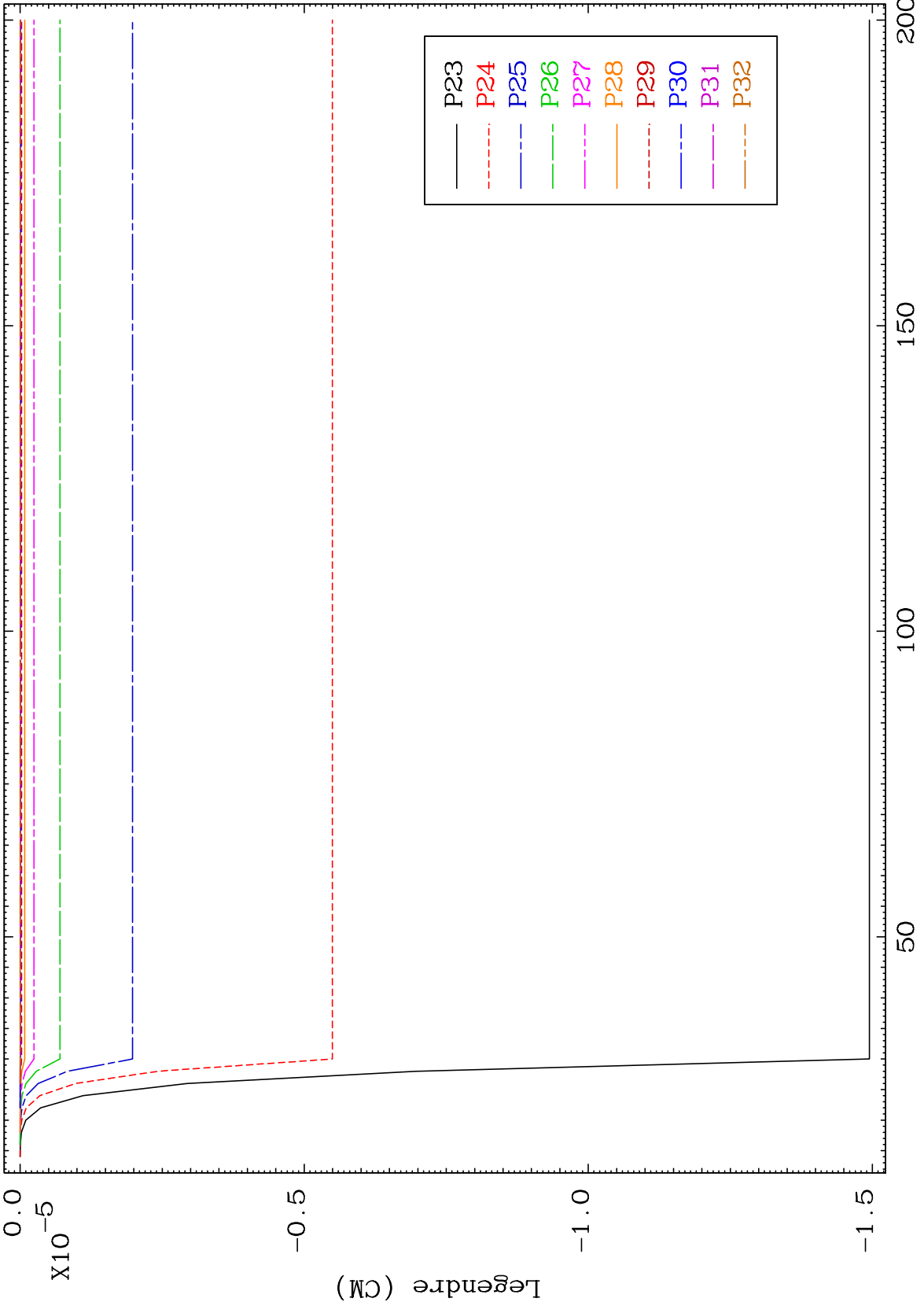


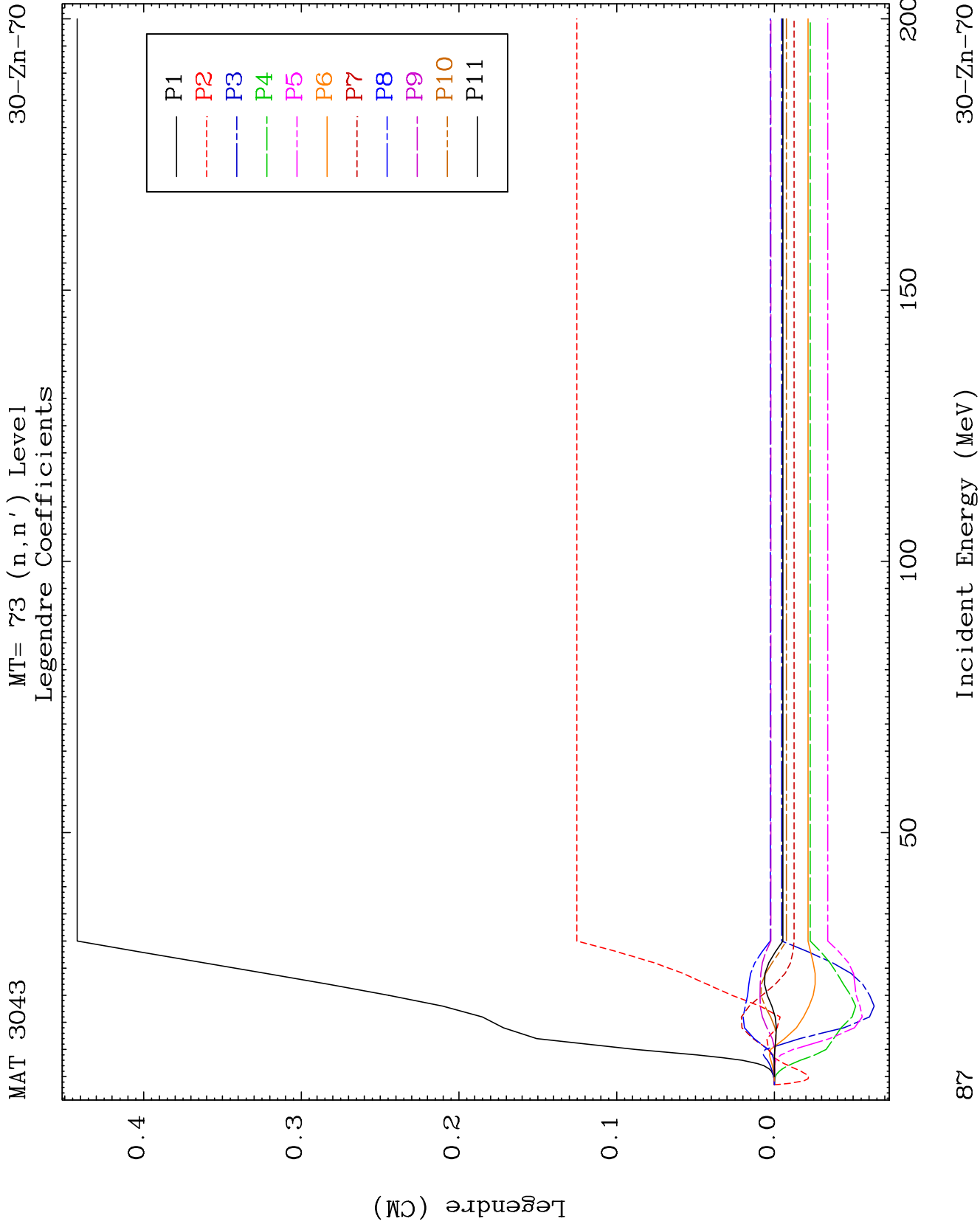
85

Incident Energy (MeV)

30-Zn-70

MAT 3043 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-70

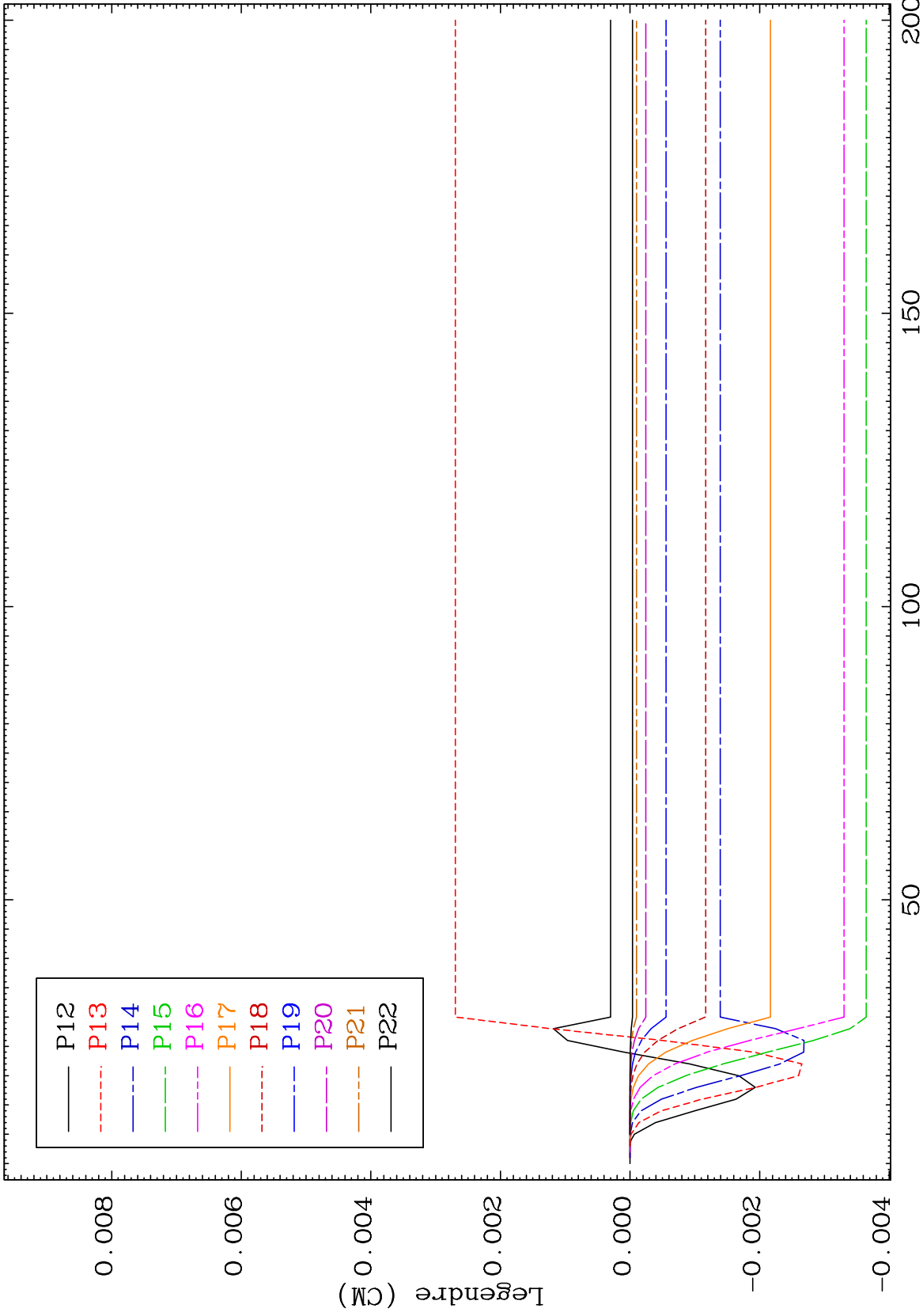




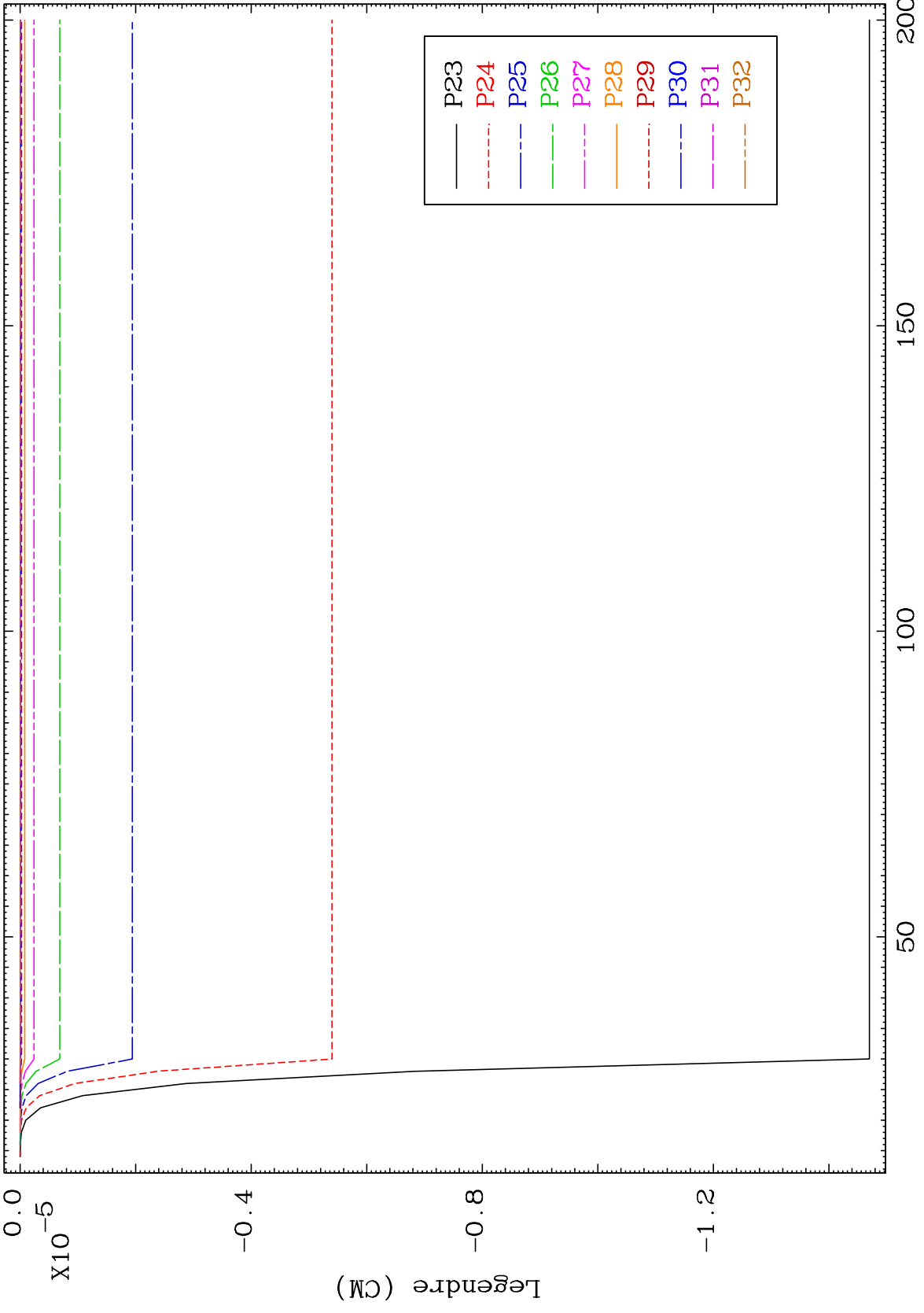
MAT 3043

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

30-Zn-70



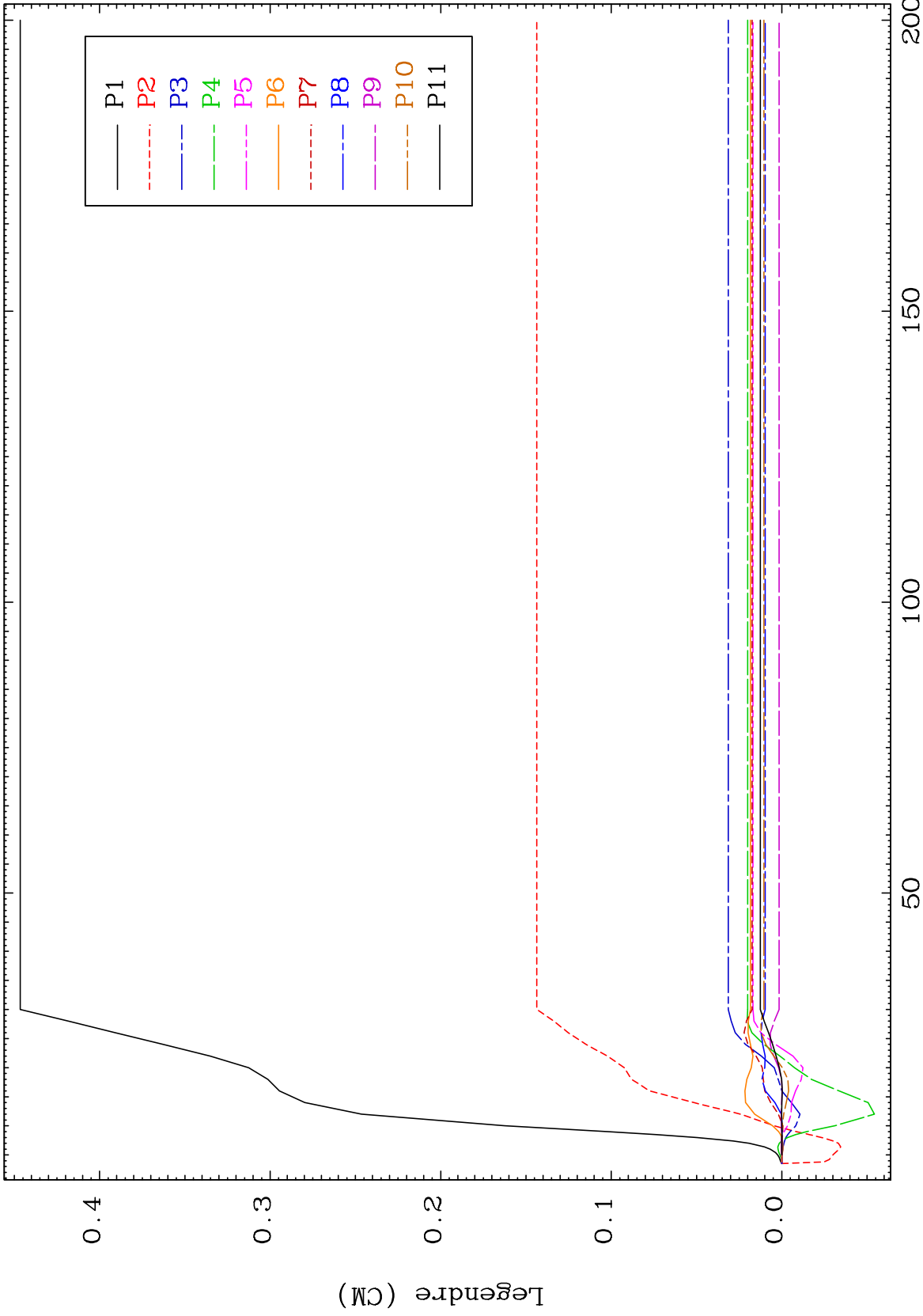
MAT 3043 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

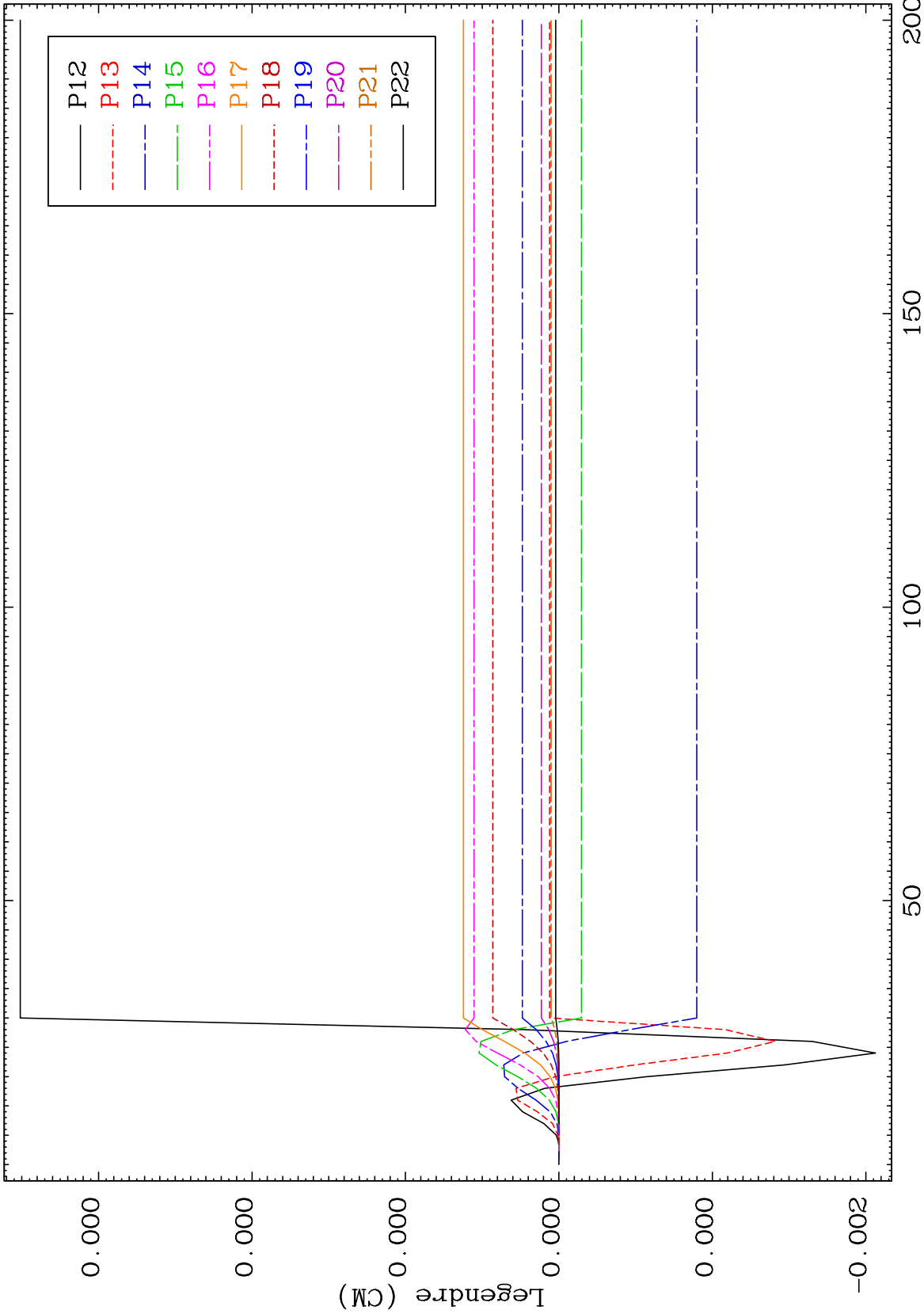
30-Zn-70



MAT 3043

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

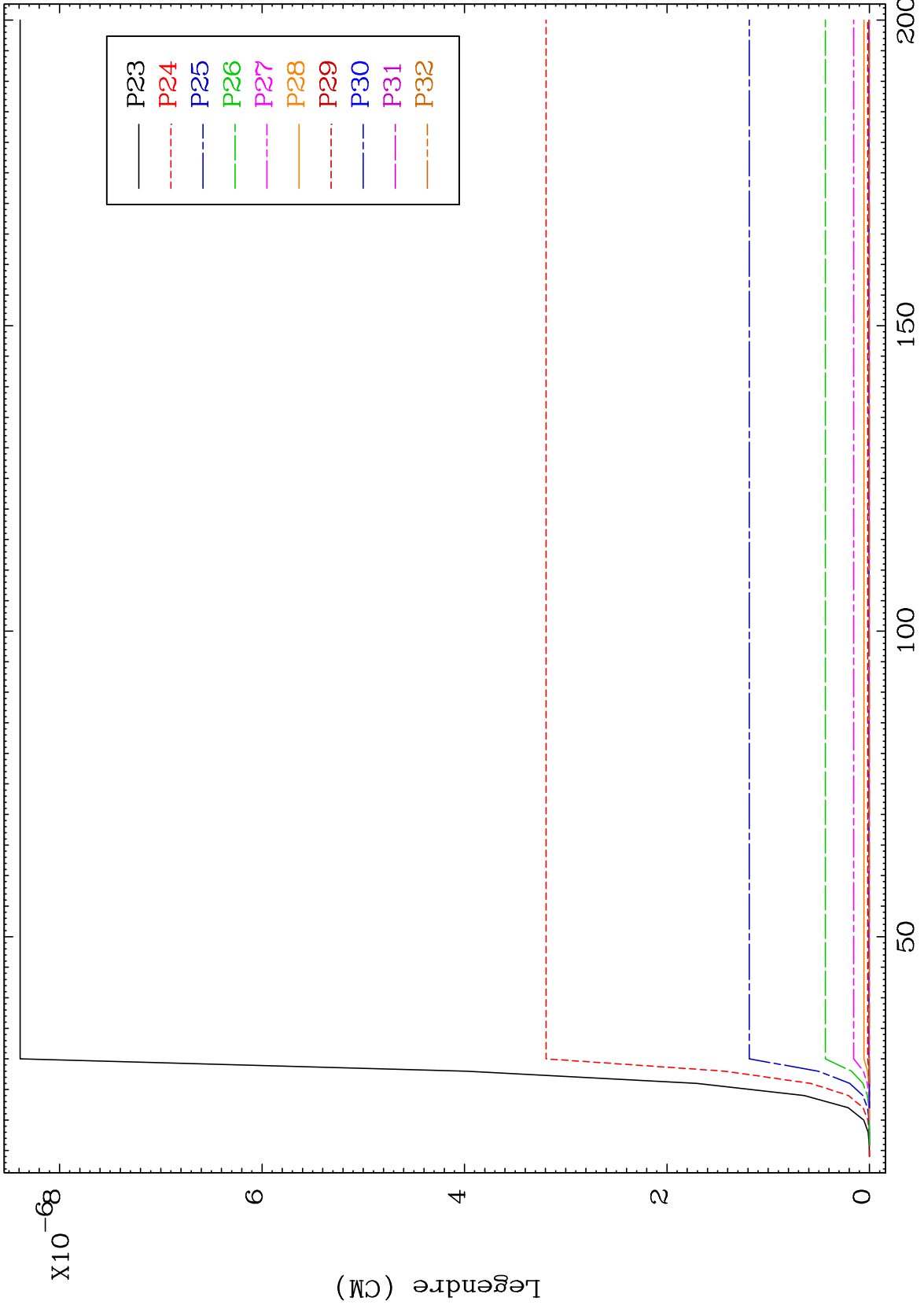
30-Zn-70



MAT 3043

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

30-Zn-70

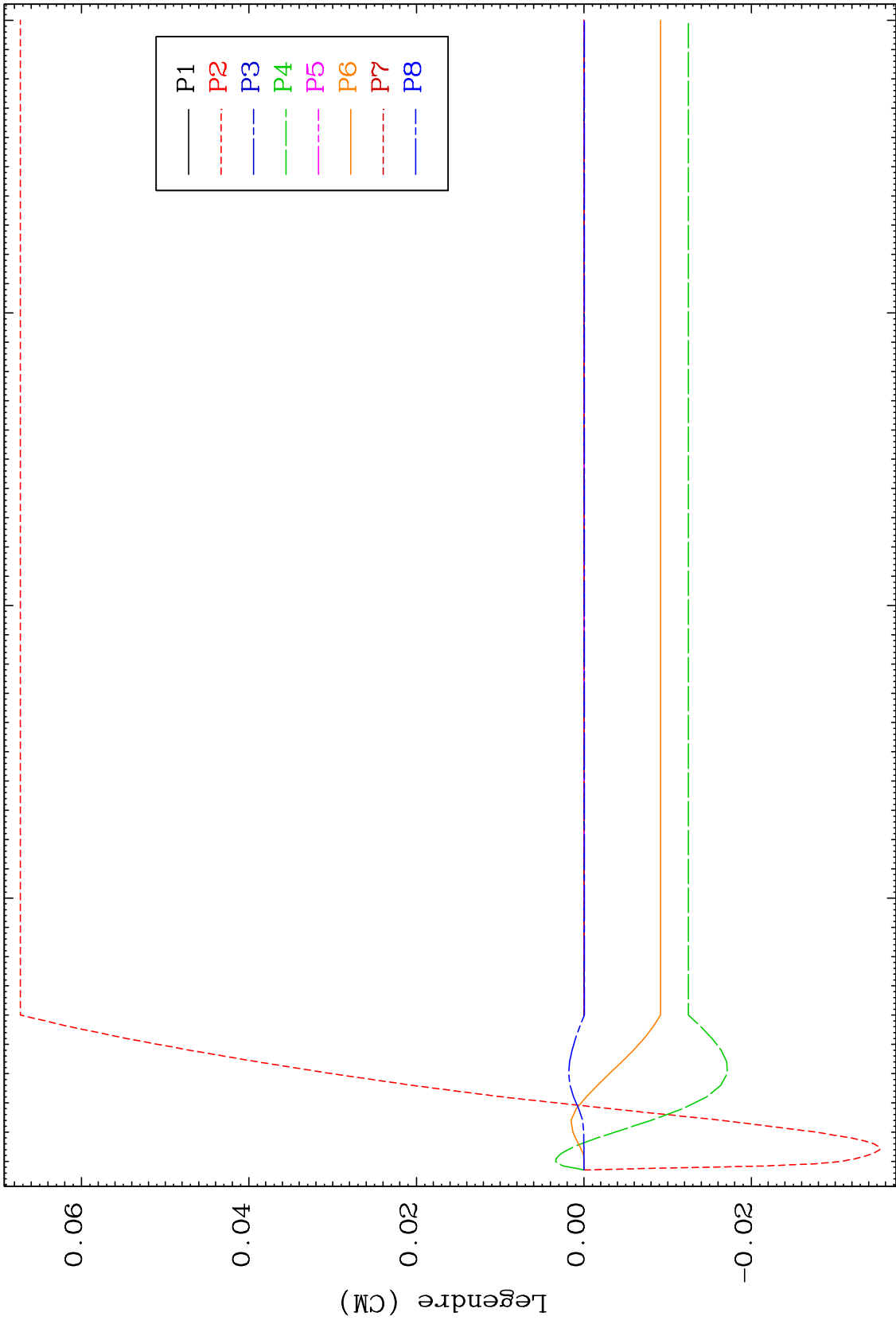


92

Incident Energy (MeV)

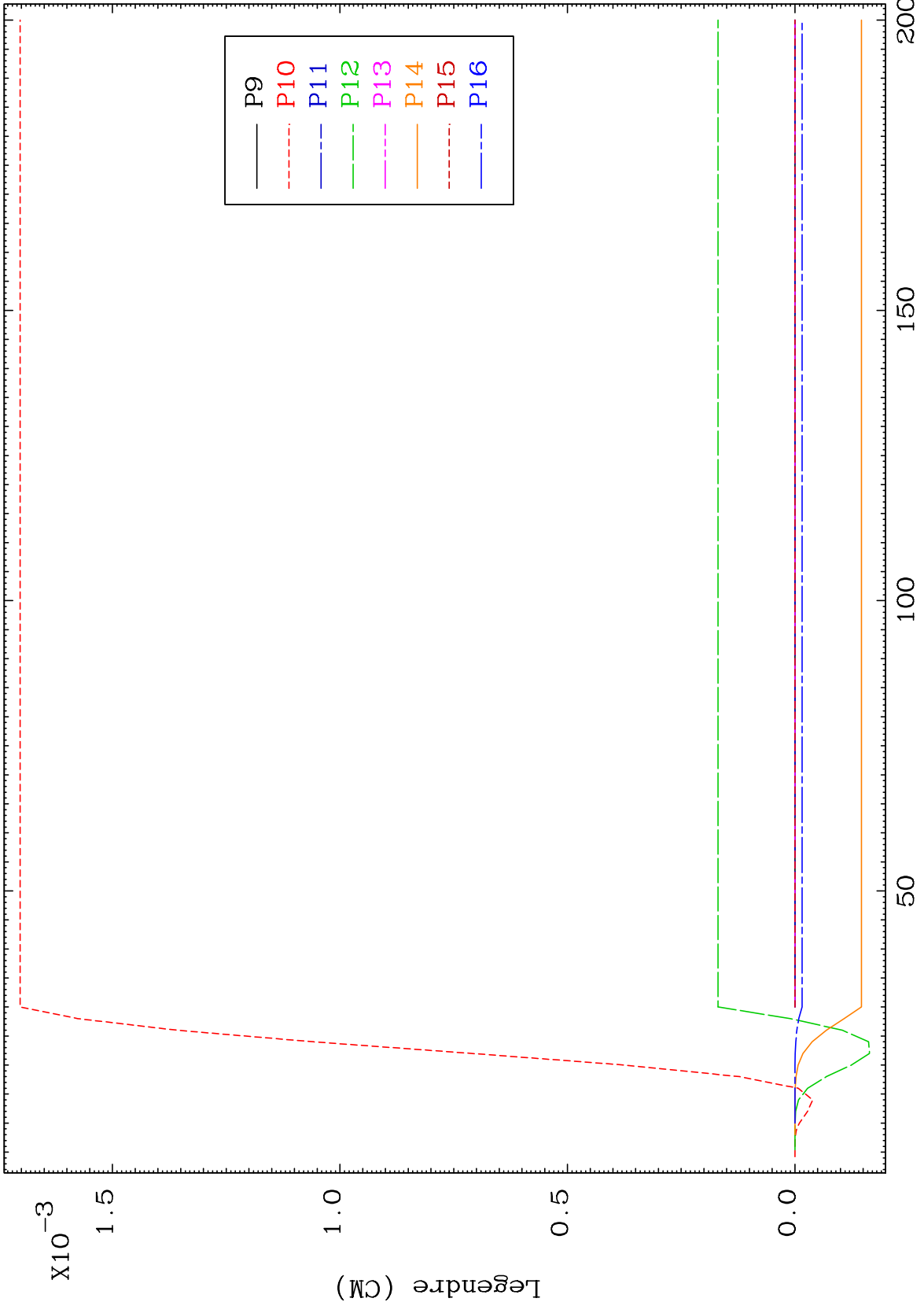
30-Zn-70

MAT 3043 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-70

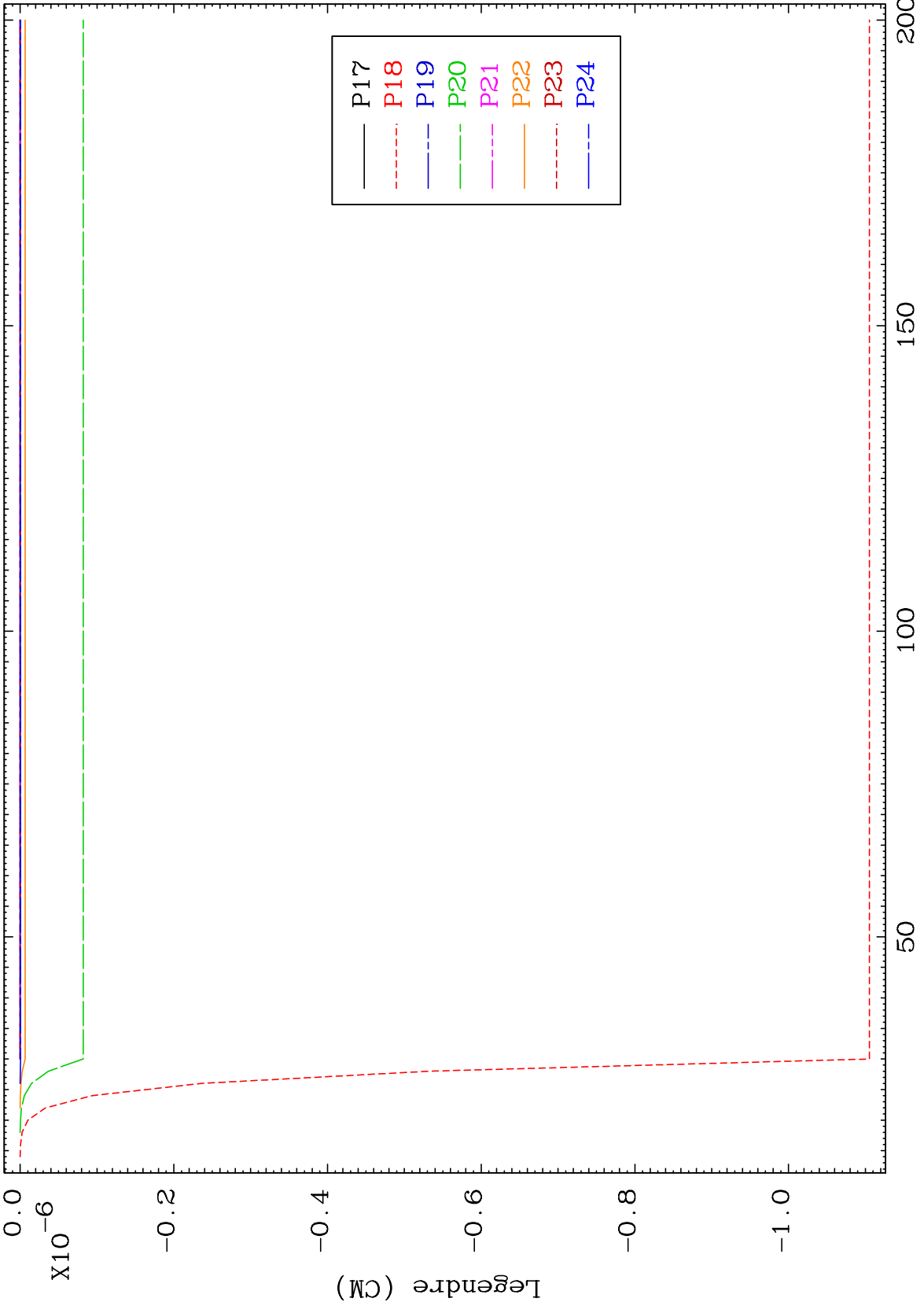


93 30-Zn-70

MAT 3043 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-70



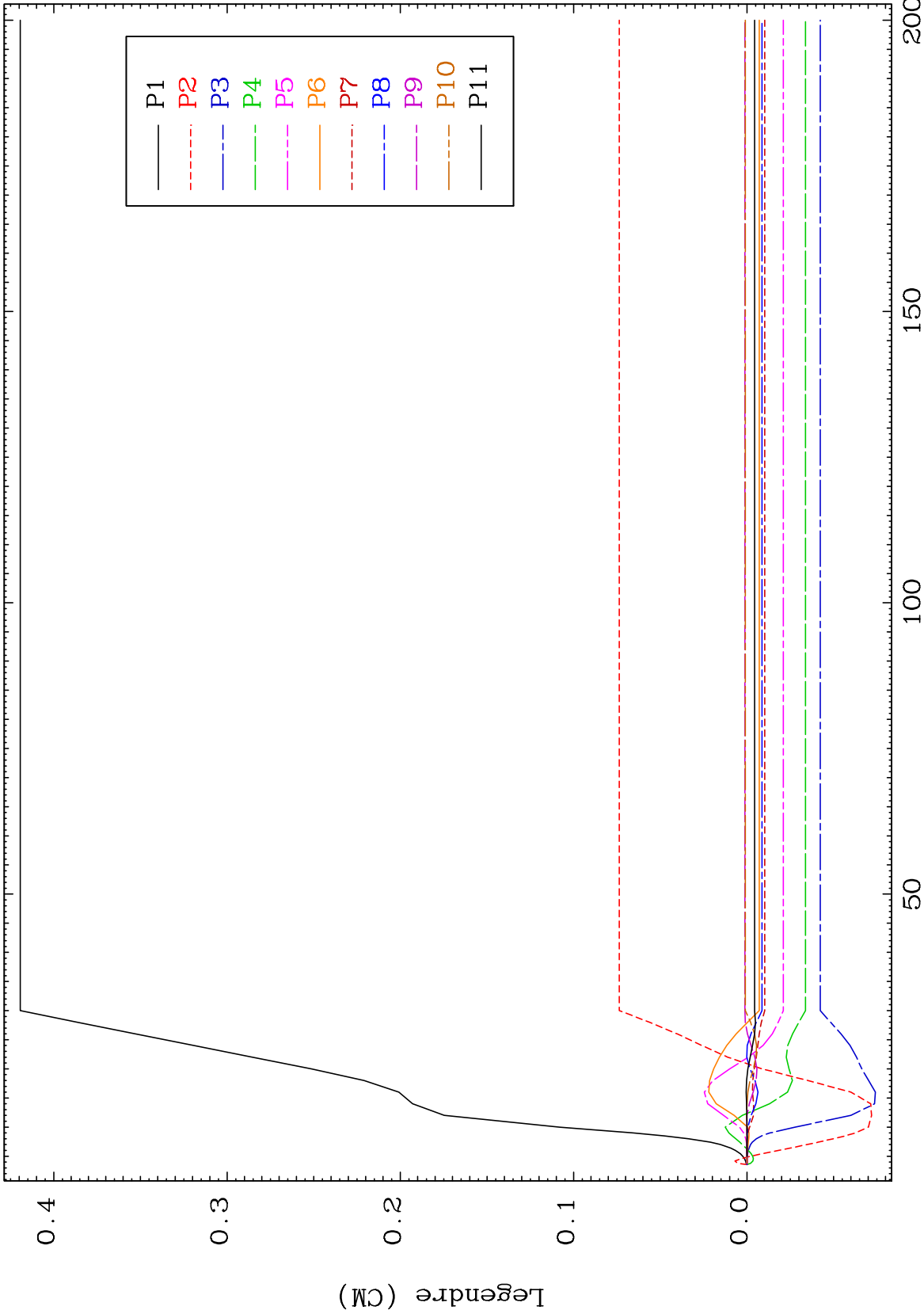
MAT 3043 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

30-Zn-70

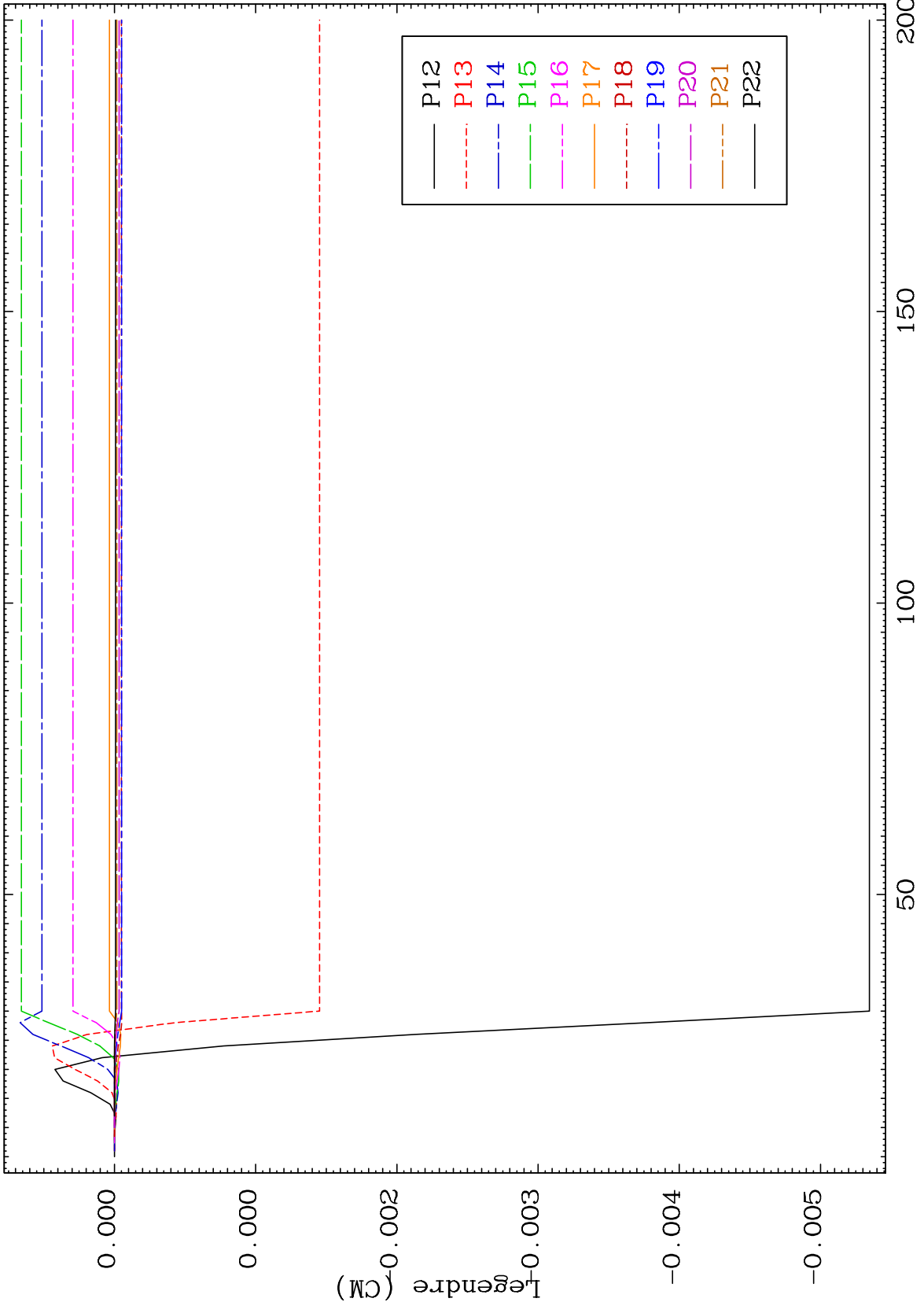


96

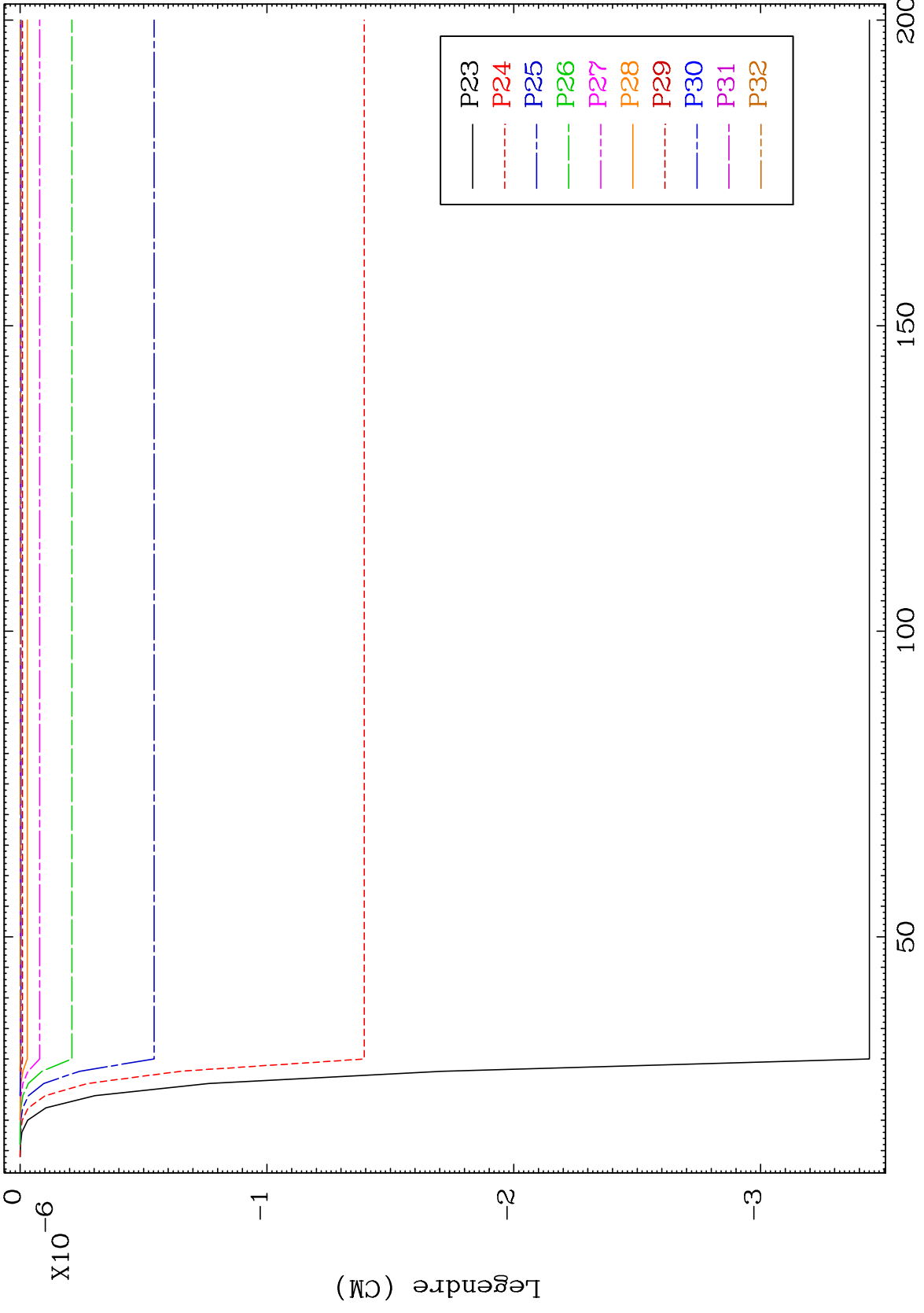
Incident Energy (MeV)

30-Zn-70

MAT 3043 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-70



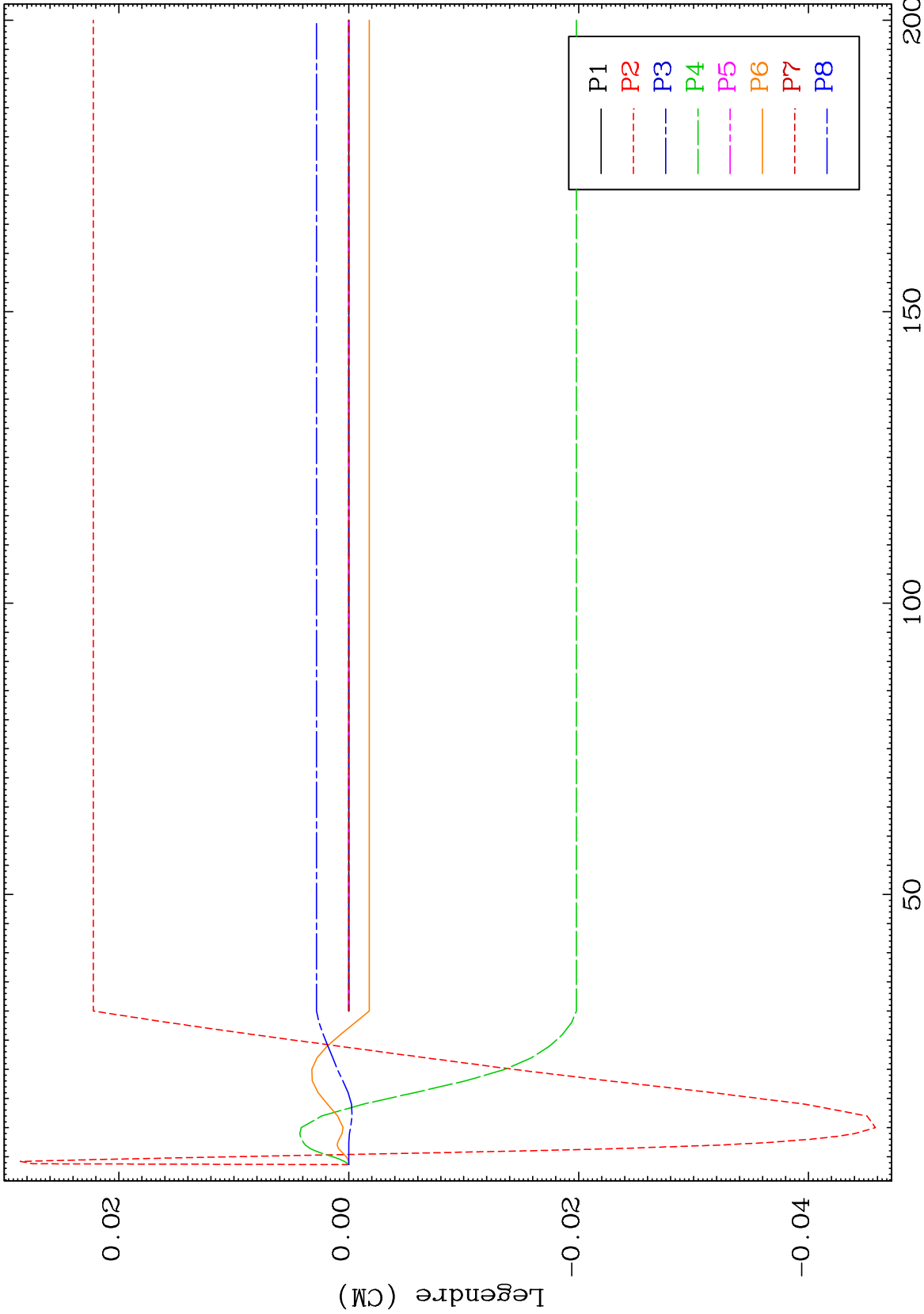
MAT 3043 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

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

30-Zn-70

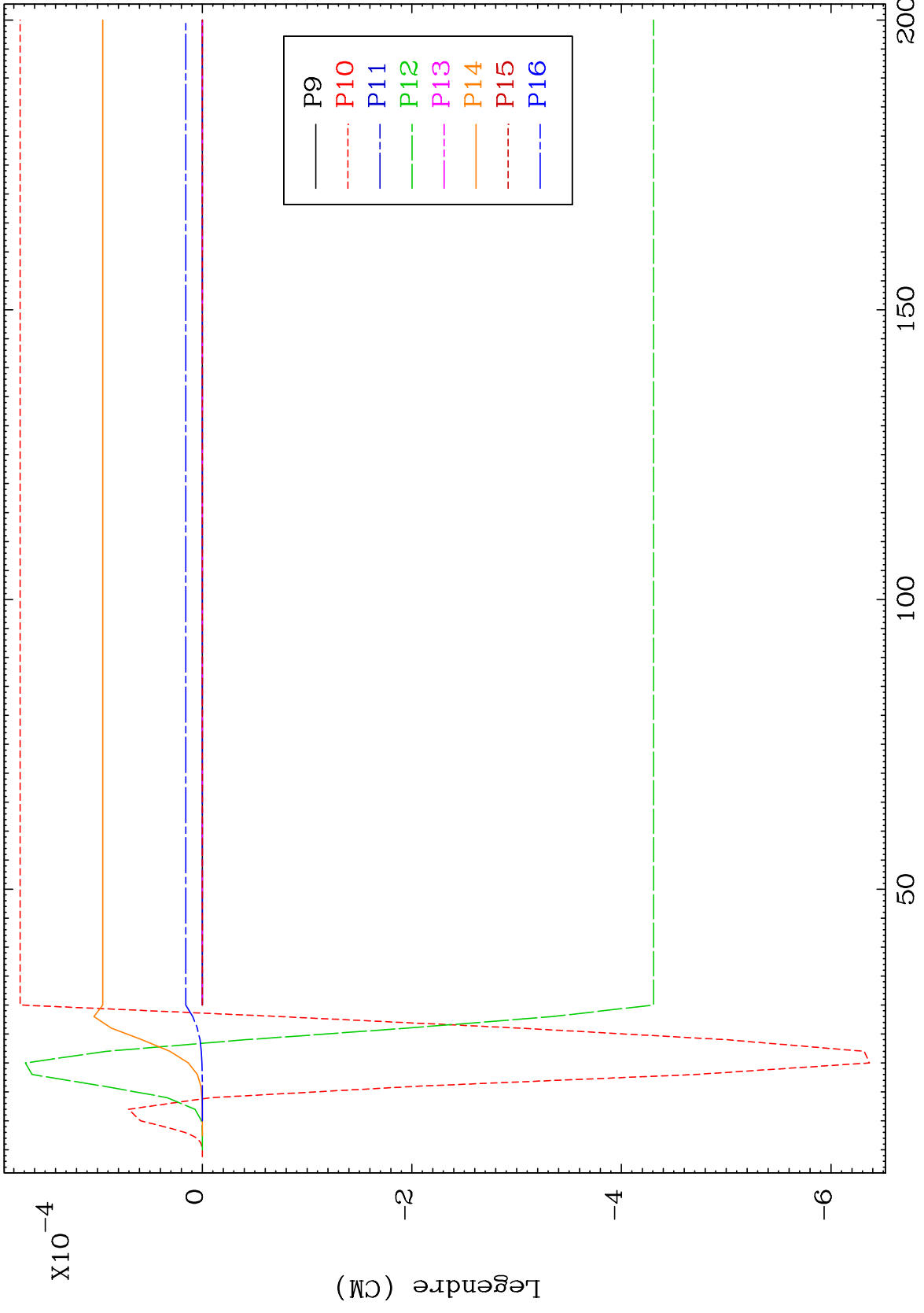


99

Incident Energy (MeV)

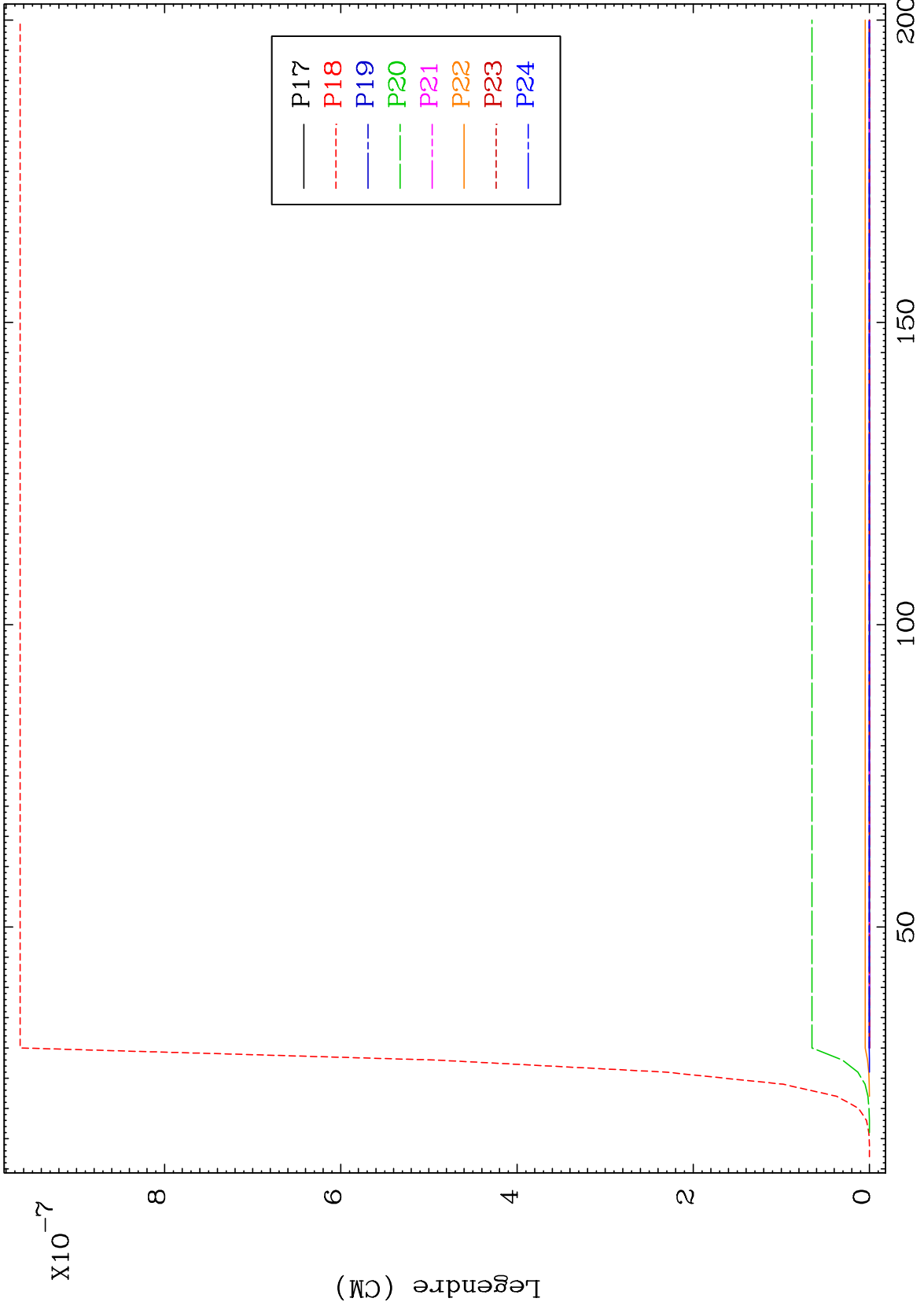
30-Zn-70

MAT 3043 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-70



100 50 100 150 200

MAT 3043 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-70

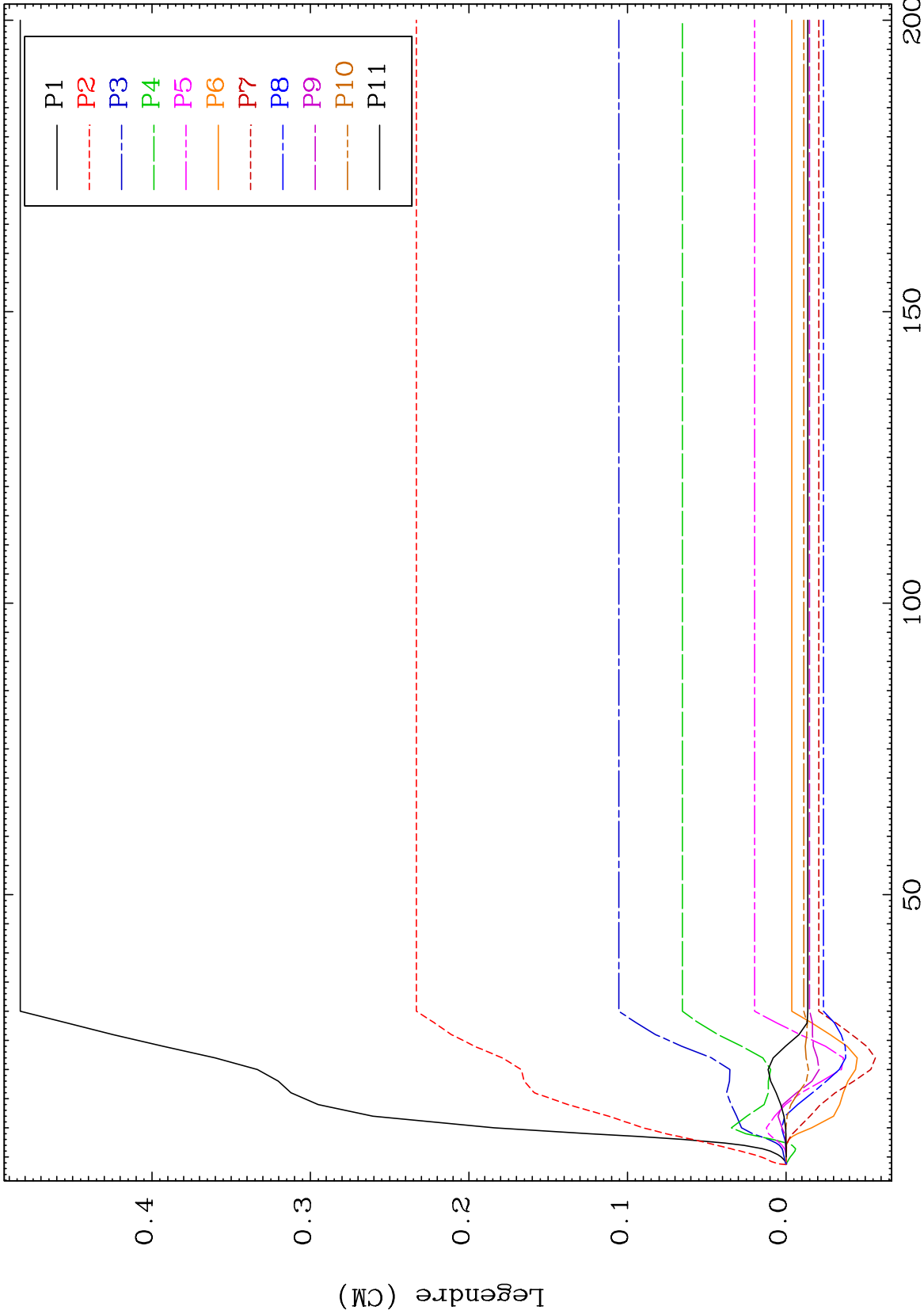


101 50 100 150 200 Incident Energy (MeV) 30-Zn-70

MAT 3043

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

30-Zn-70



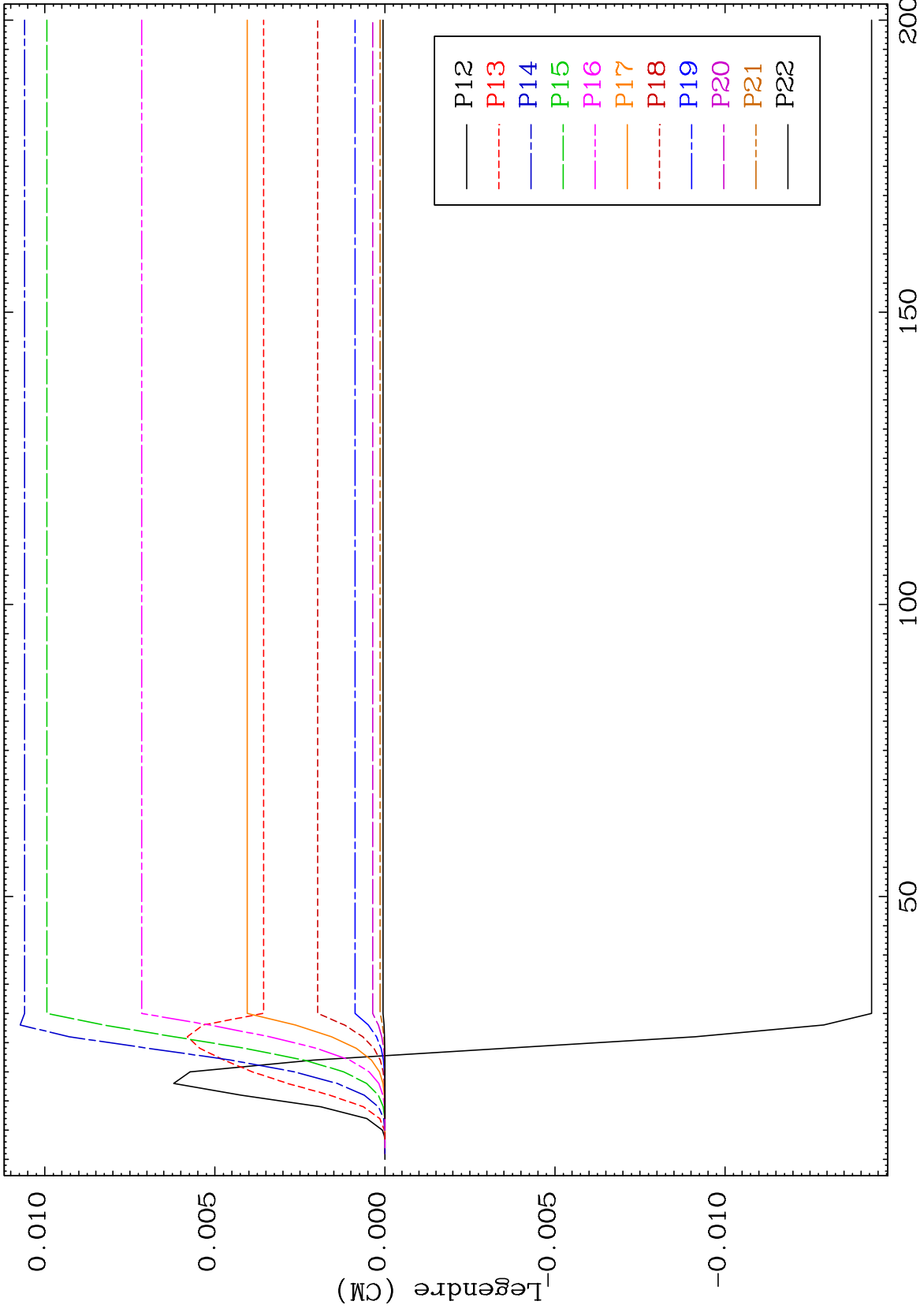
102

Incident Energy (MeV)

30-Zn-70

MAT 3043 MT= 78 (n,n') Level Legendre Coefficients

30-Zn-70

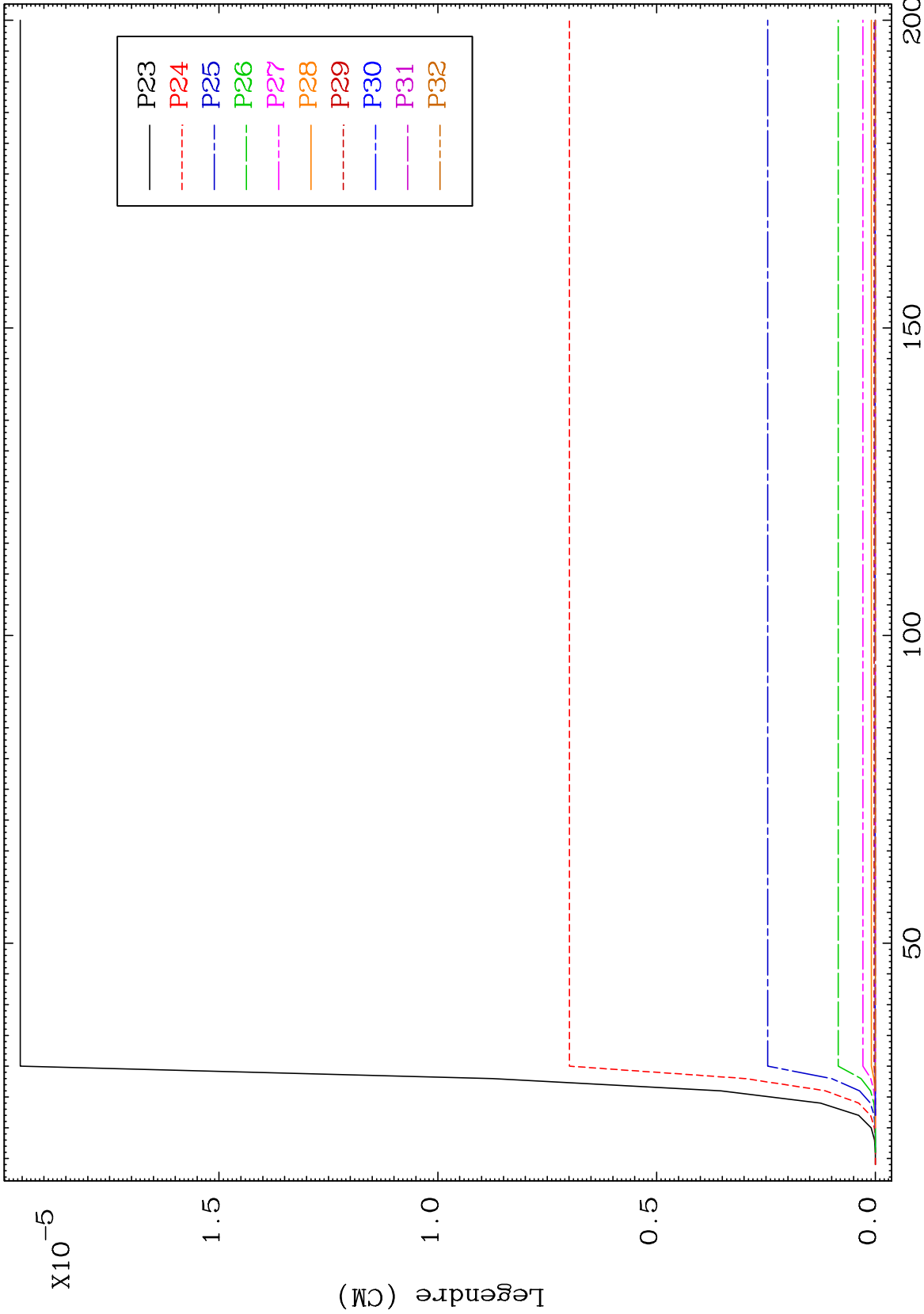


30-Zn-70 Incident Energy (MeV)

MAT 3043

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

30-Zn-70



104

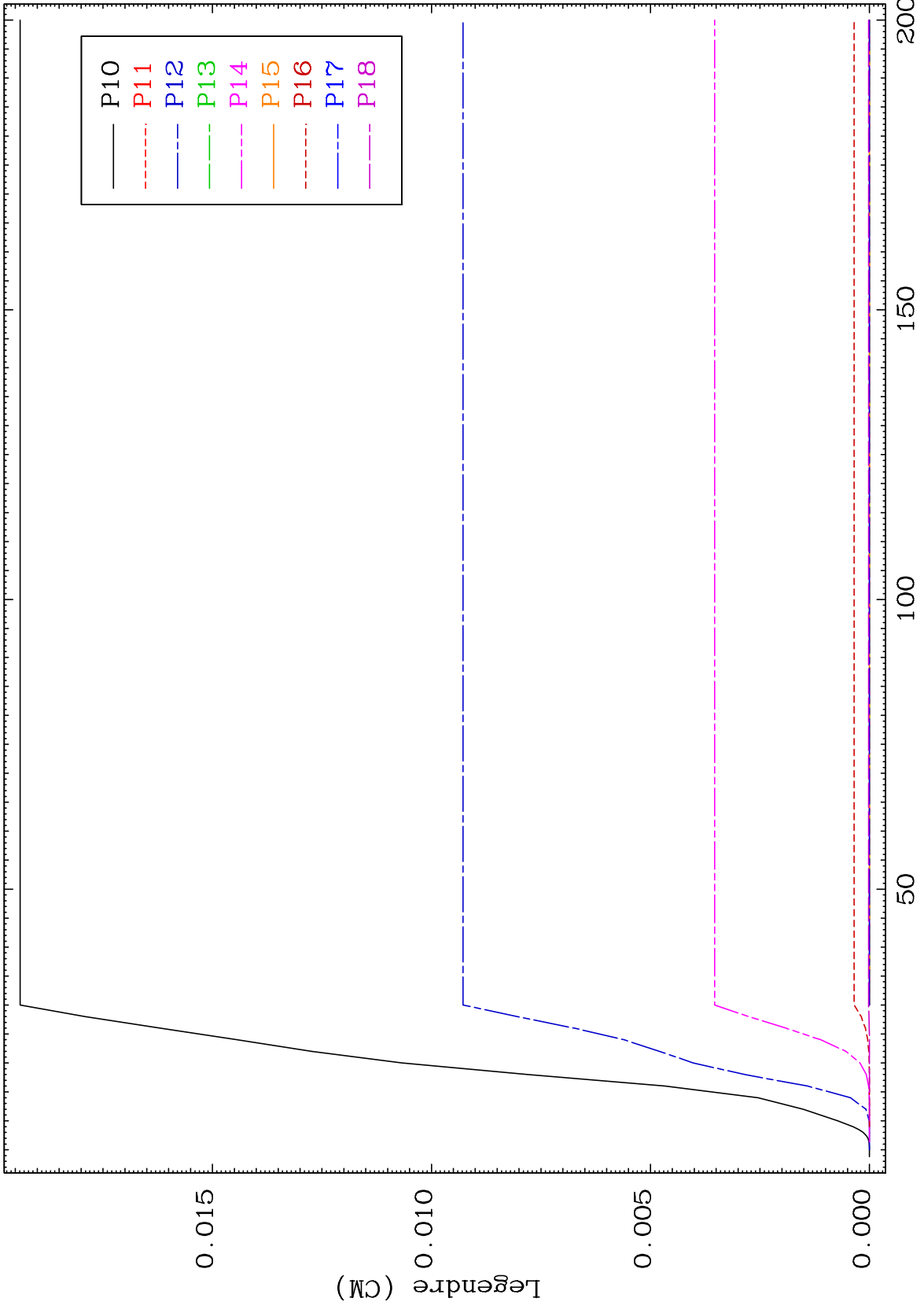
50

150

Incident Energy (MeV)

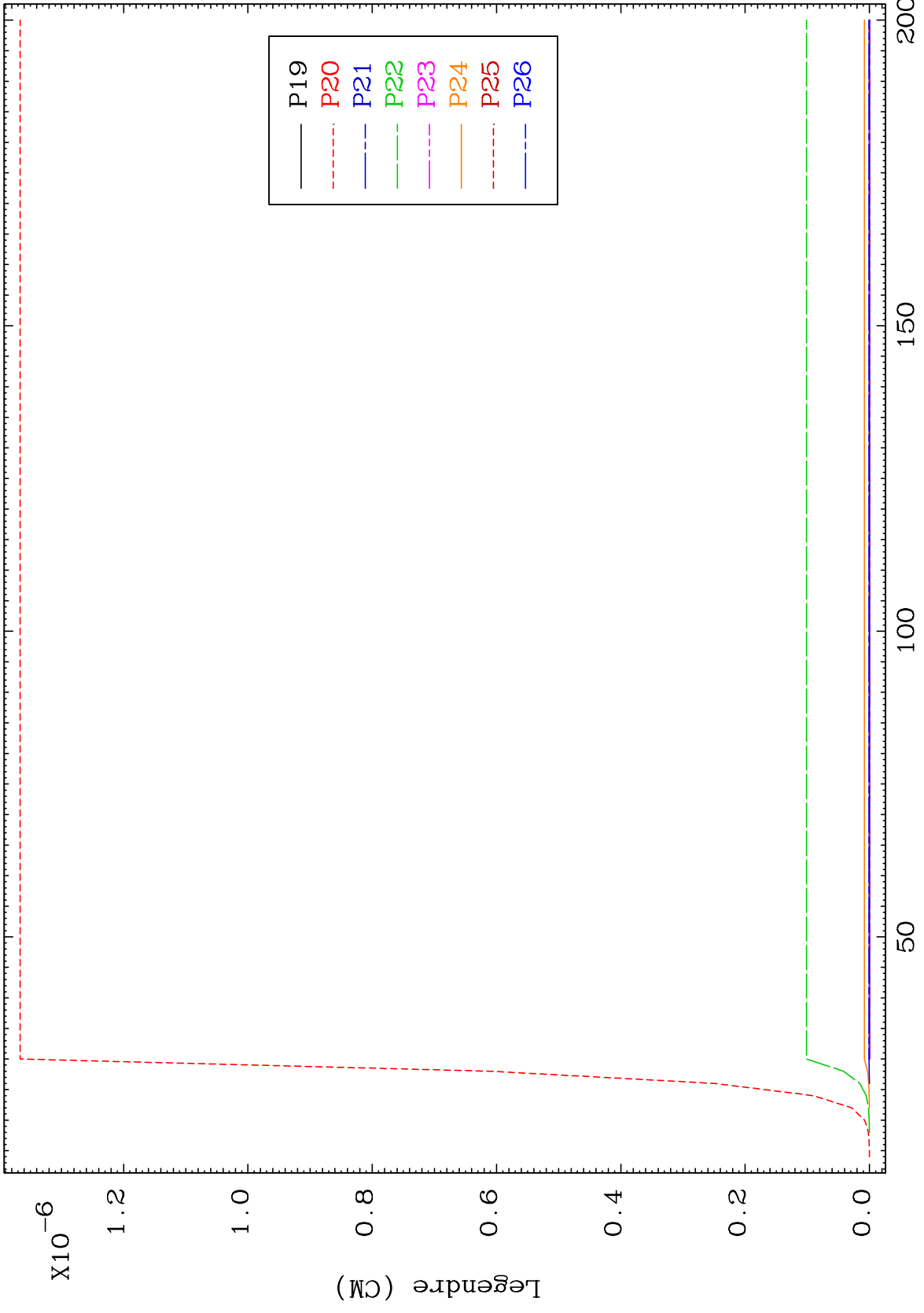
30-Zn-70

MAT 3043 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-70



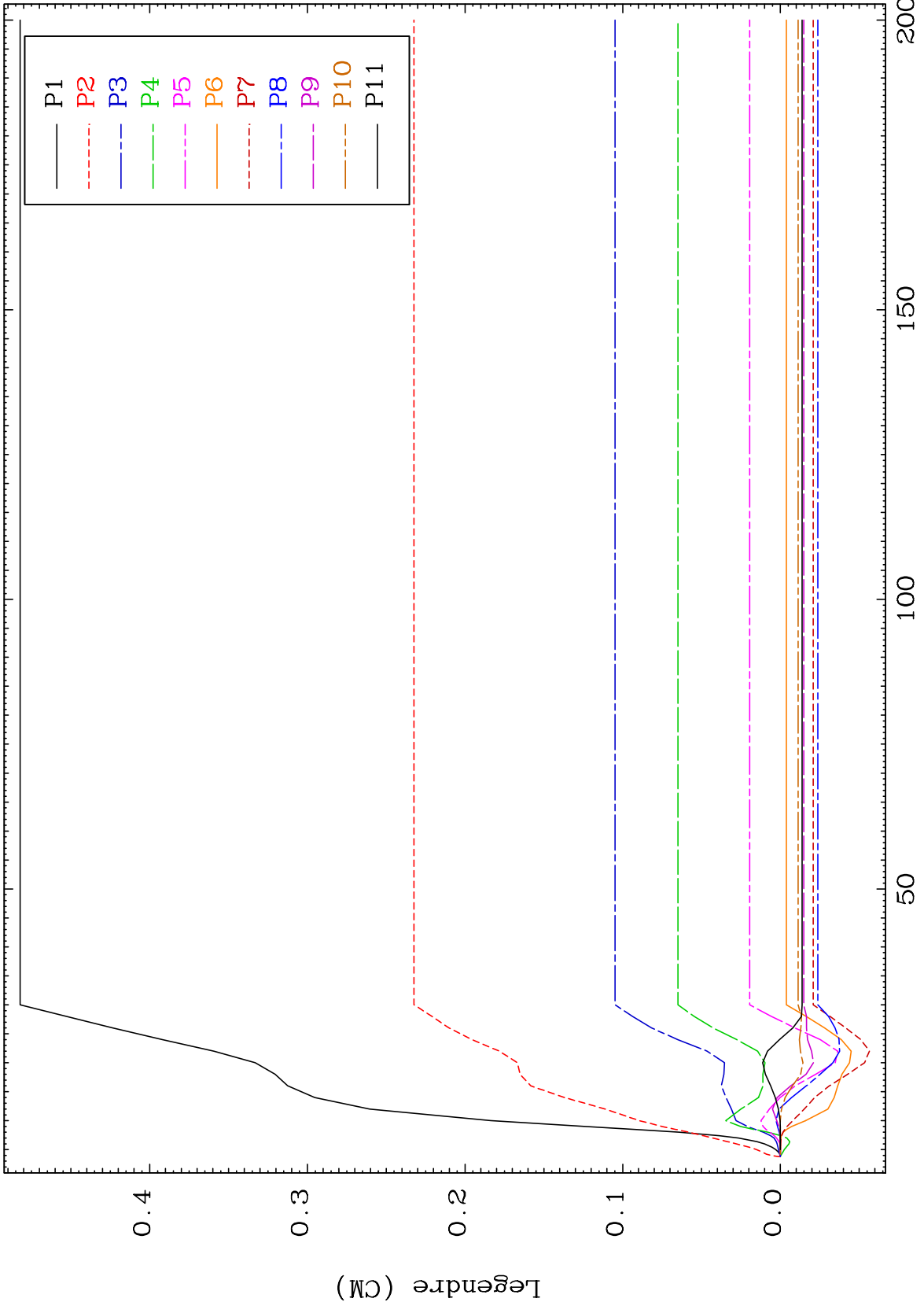
106 Incident Energy (MeV) 30-Zn-70

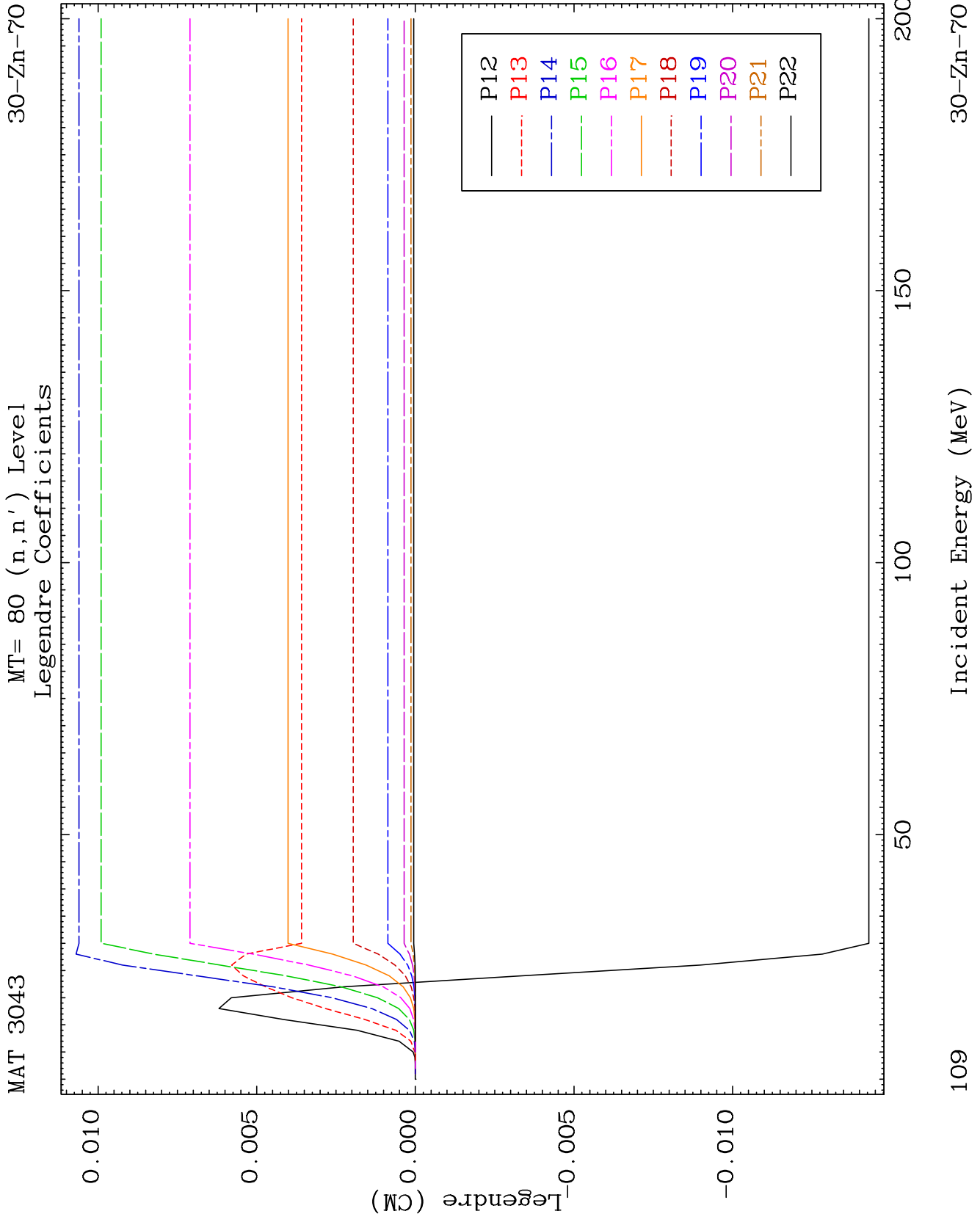
MAT 3043 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-70



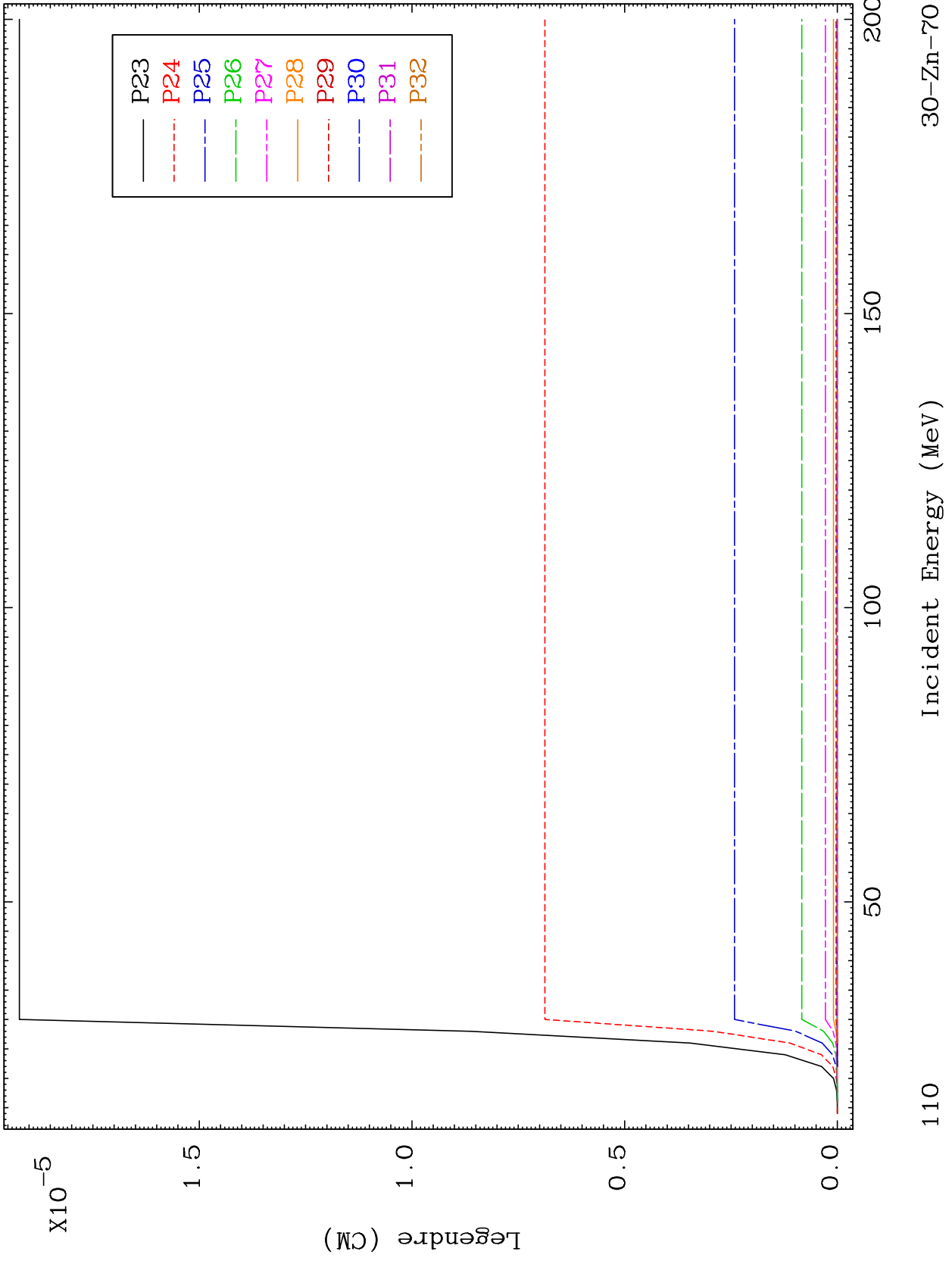
107 Incident Energy (MeV) 30-Zn-70

MAT 3043 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-70





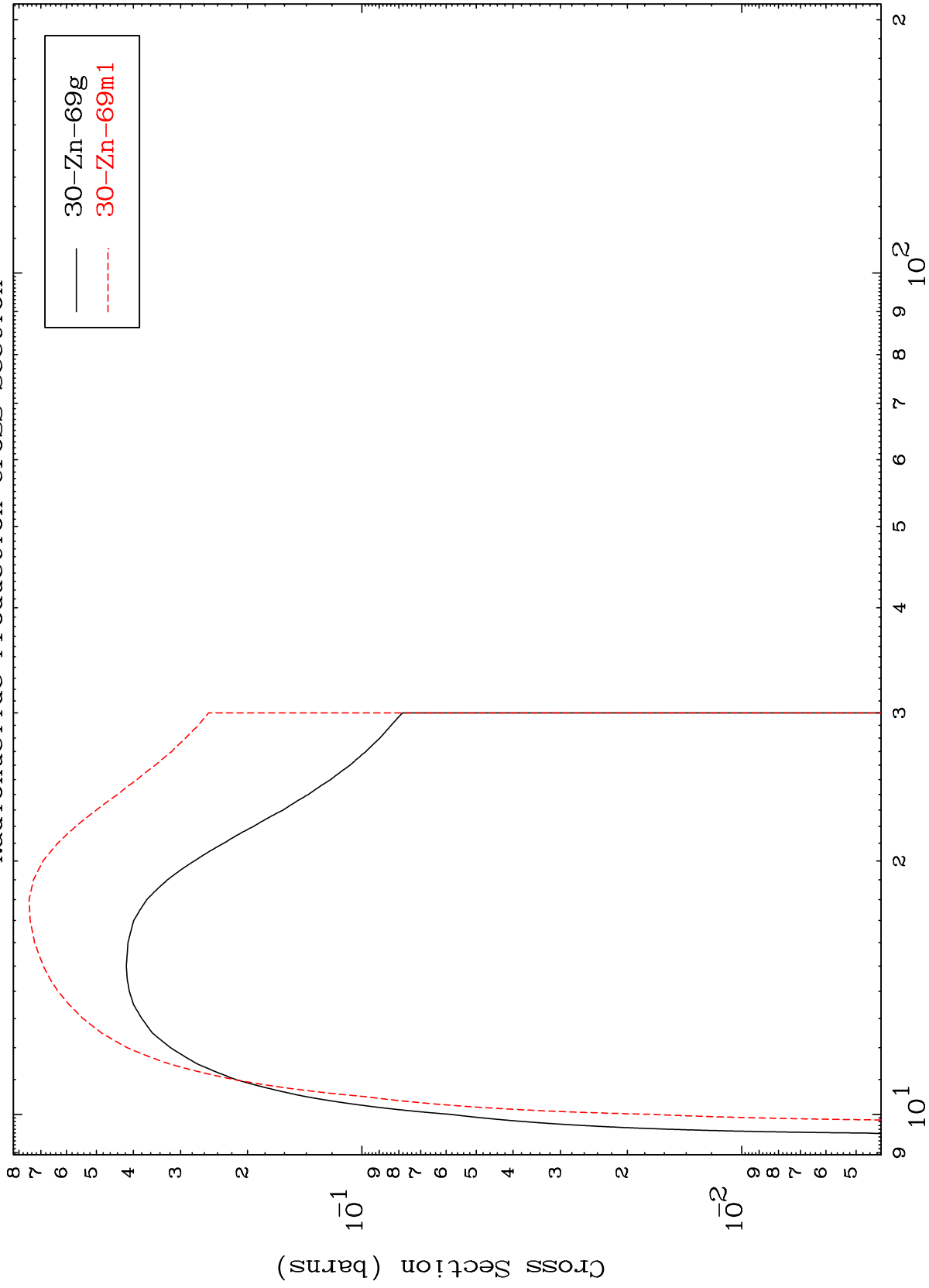
MAT 3043 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-70



MAT 3043

30-Zn-70

(n,2n)
Radionuclide Production Cross Section

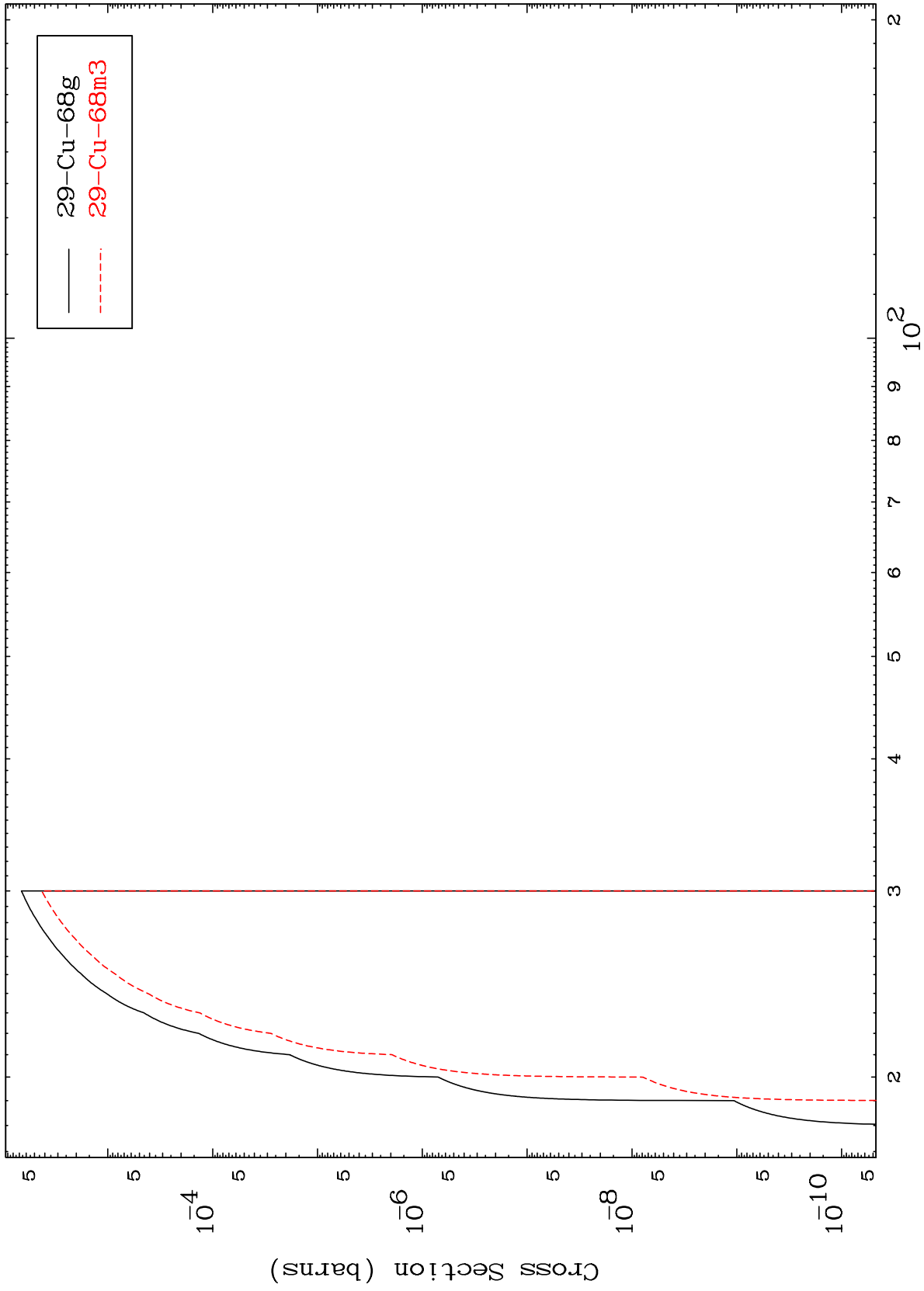


111

Incident Energy (MeV)

30-Zn-70

Radionuclide Production Cross Section

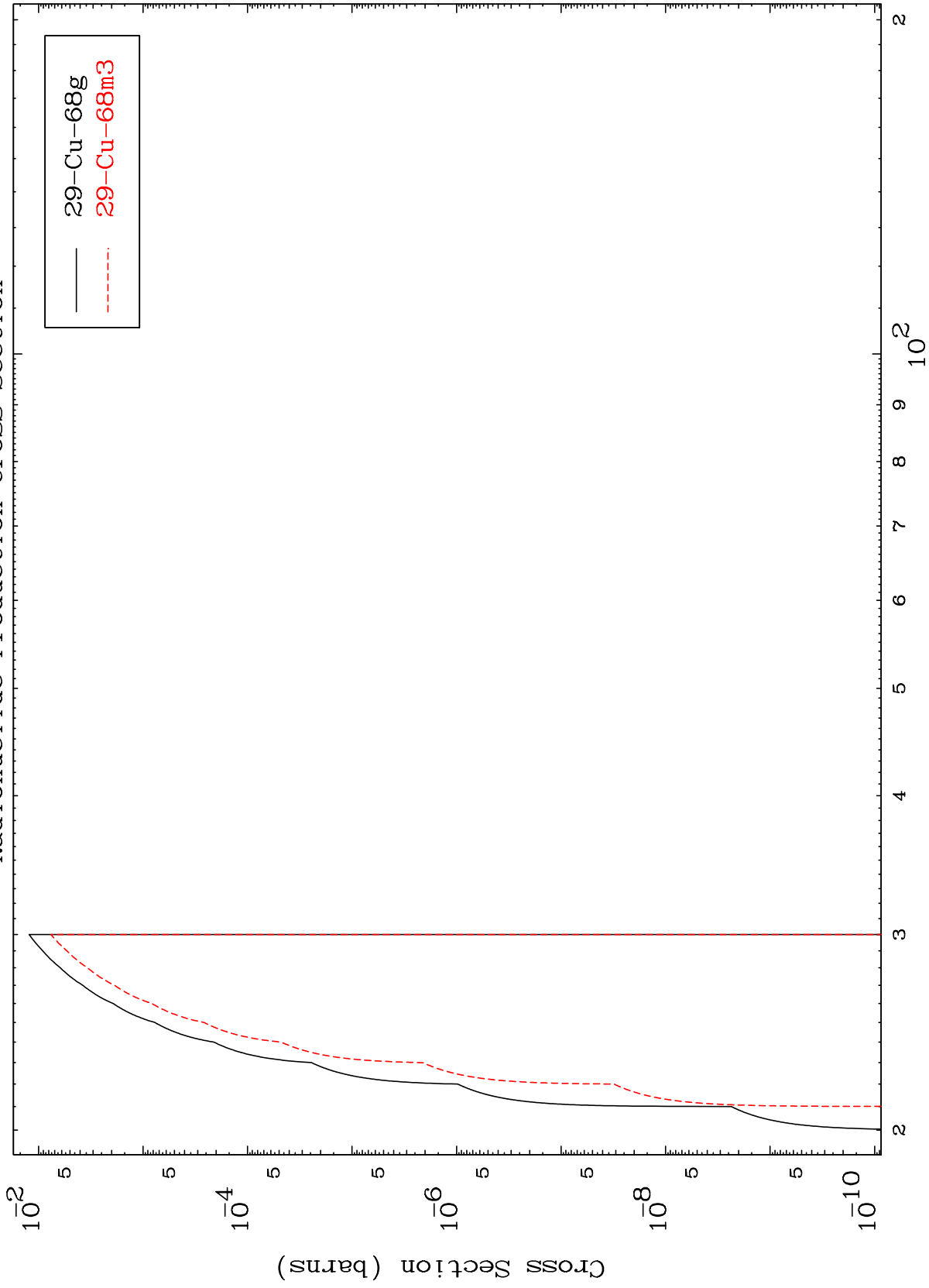


MAT 3043

(n,2n) p

30-Zn-70

Radionuclide Production Cross Section



113

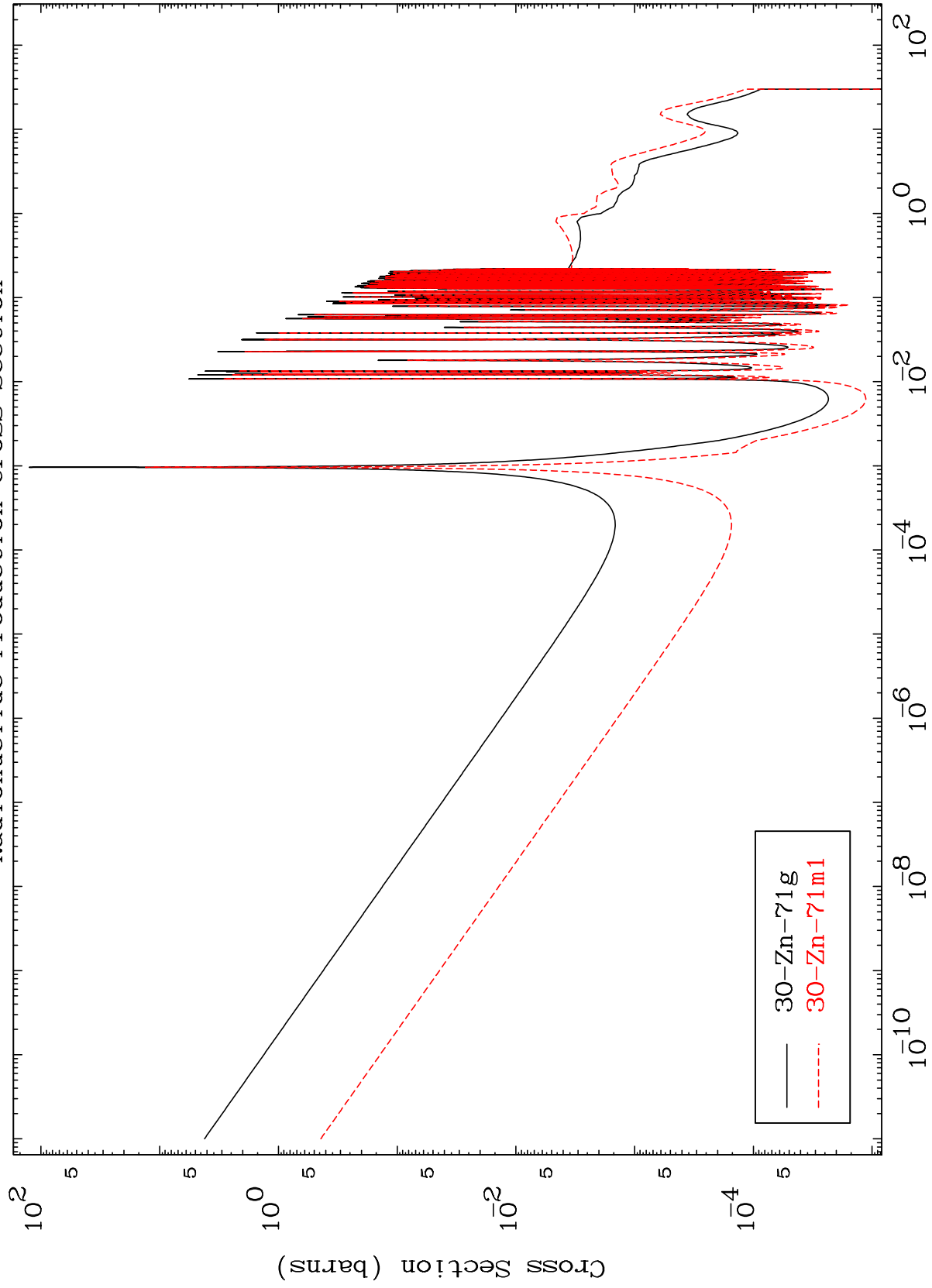
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

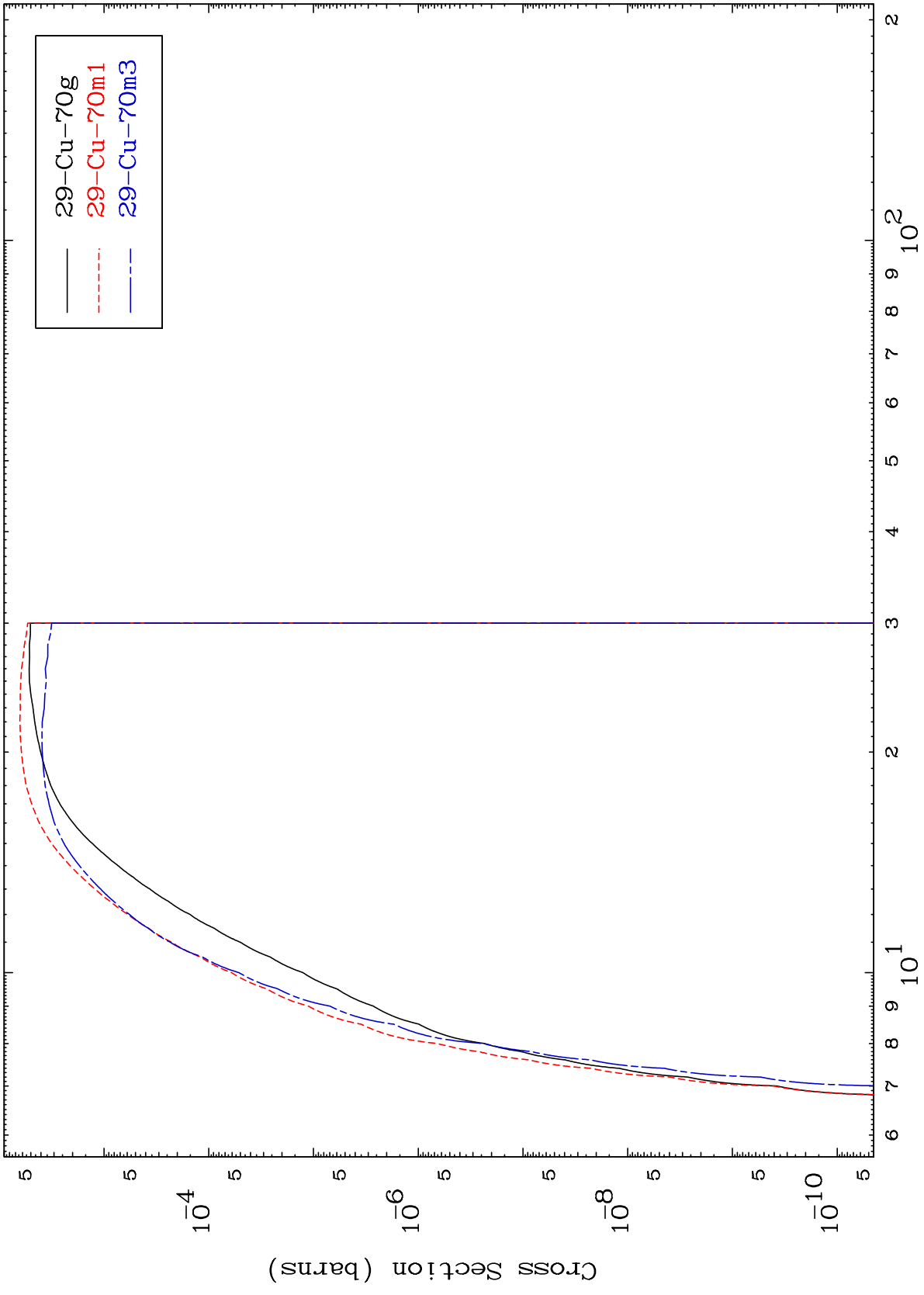
Radionuclide Production Cross Section
(n, γ)



MAT 3043

30-Zn-70

(n,p)
Radionuclide Production Cross Section



115

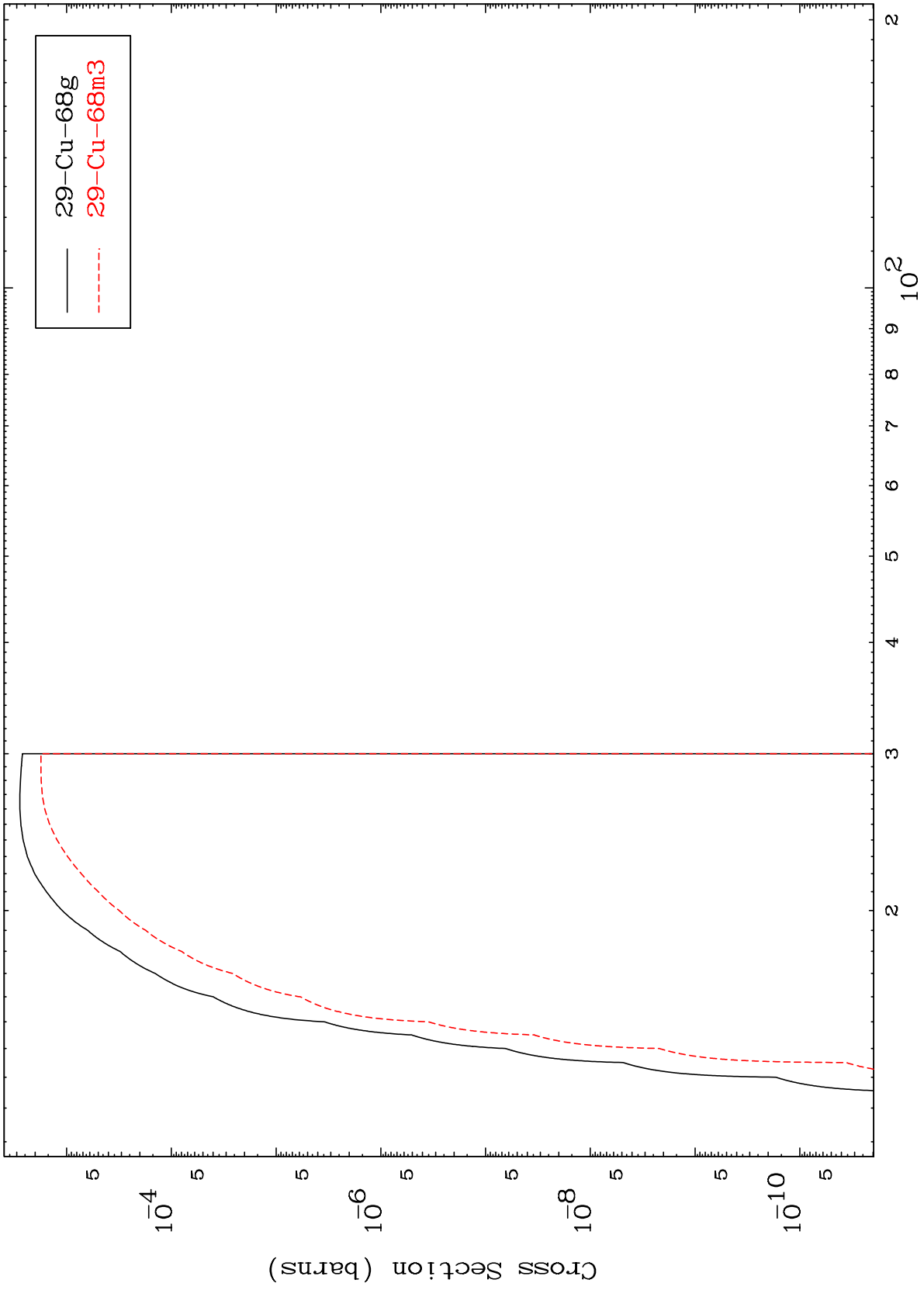
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

(n, t)
Radionuclide Production Cross Section



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30-Zn-70

Incident Energy (MeV)