

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

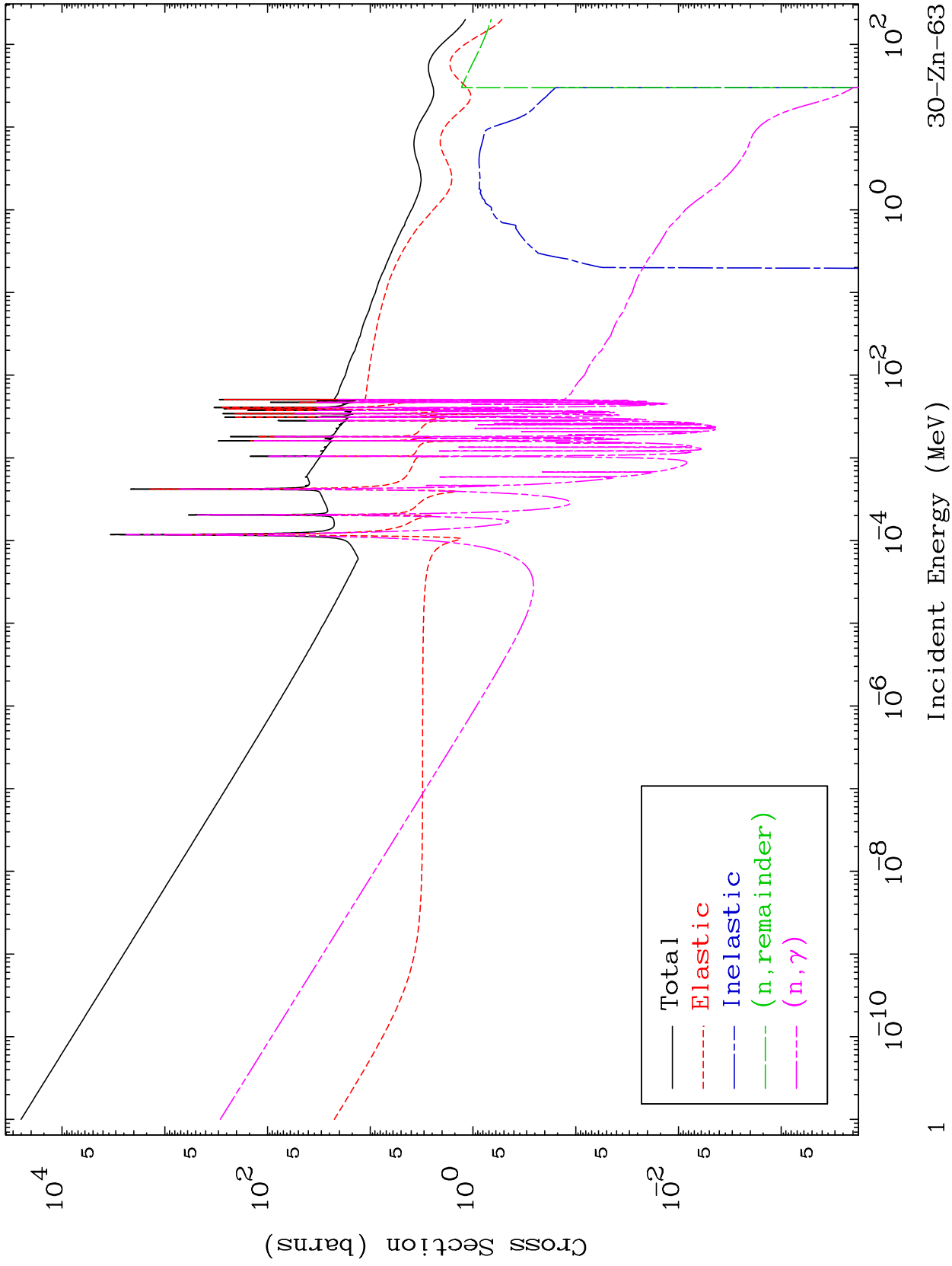
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3022

Major
293 Kelvin Cross Sections

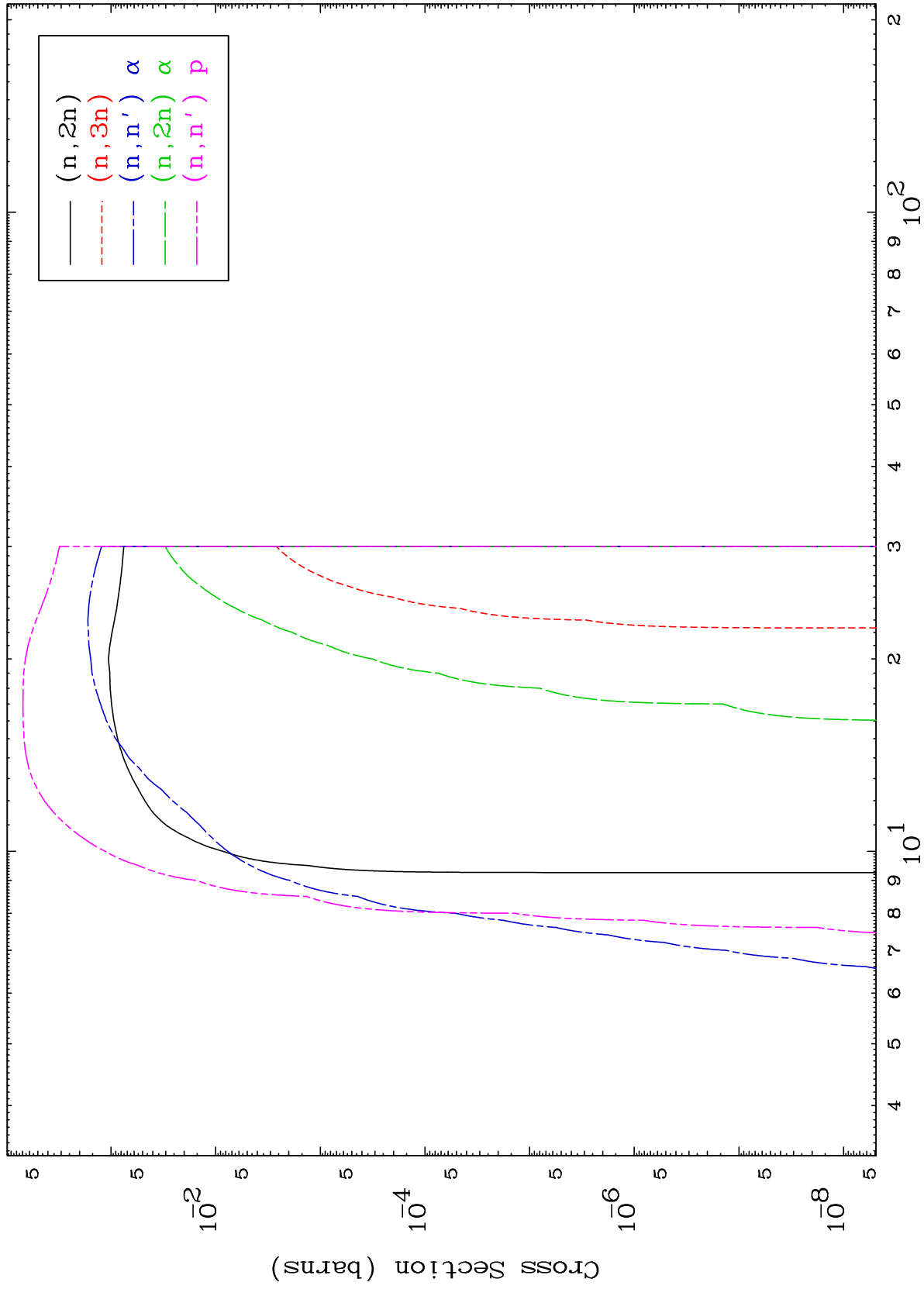
30-Zn-63



MAT 3022

Neutron Production
293 Kelvin Cross Sections

30-Zn-63



2

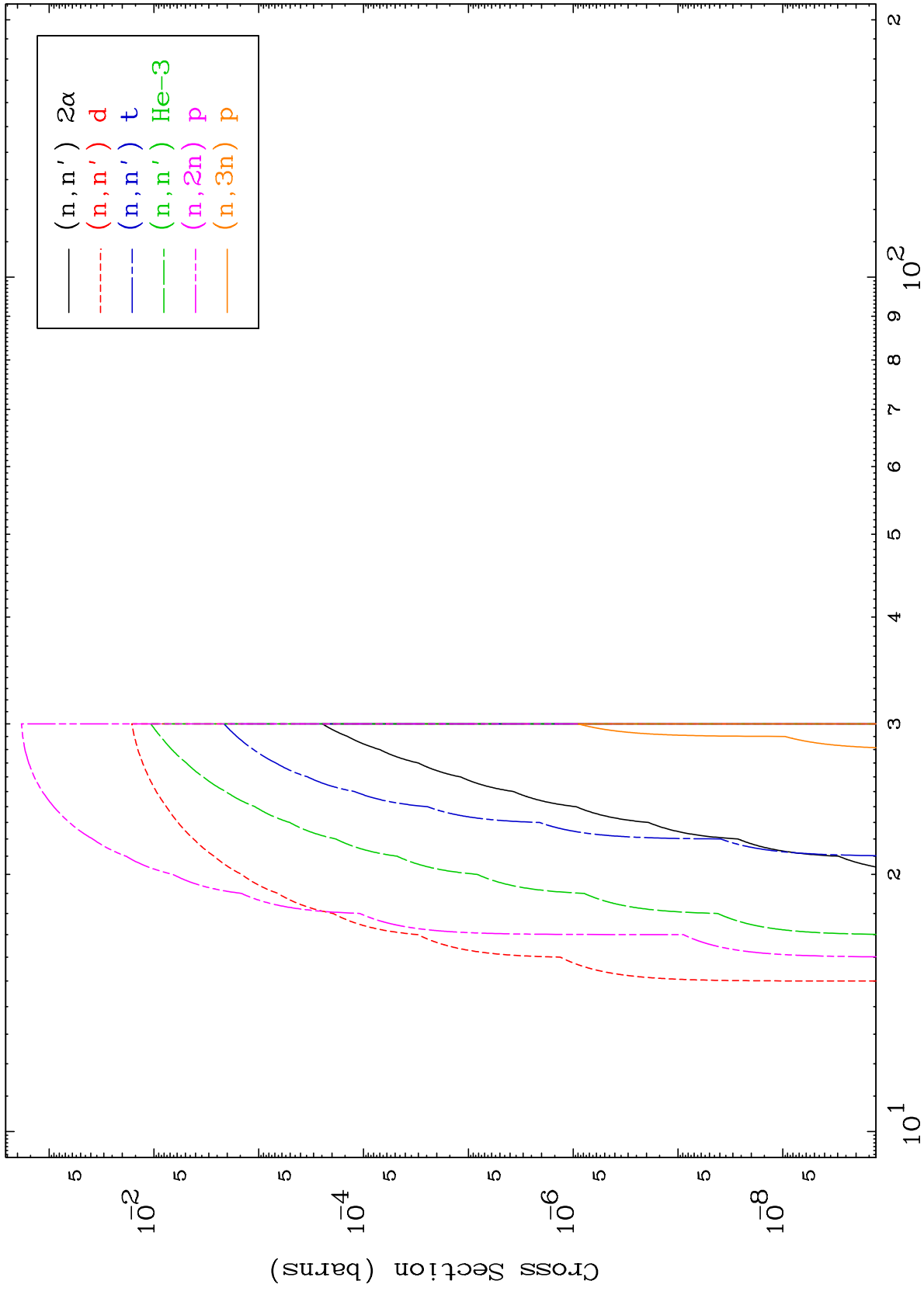
Incident Energy (MeV)

30-Zn-63

MAT 3022

Neutron Production
293 Kelvin Cross Sections

30-Zn-63



30-Zn-63

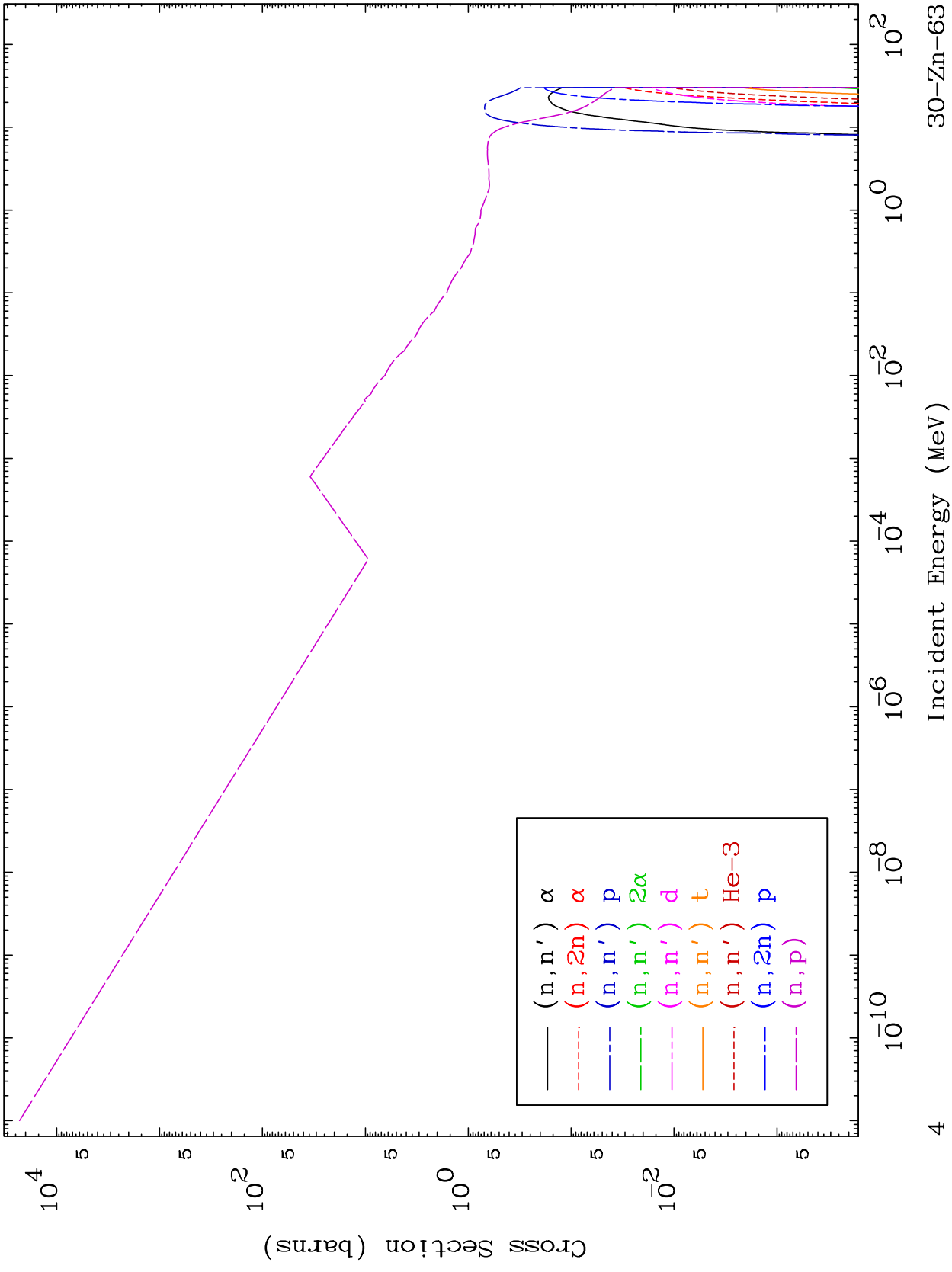
Incident Energy (MeV)

3

MAT 3022

Charged Particle
293 Kelvin Cross Sections

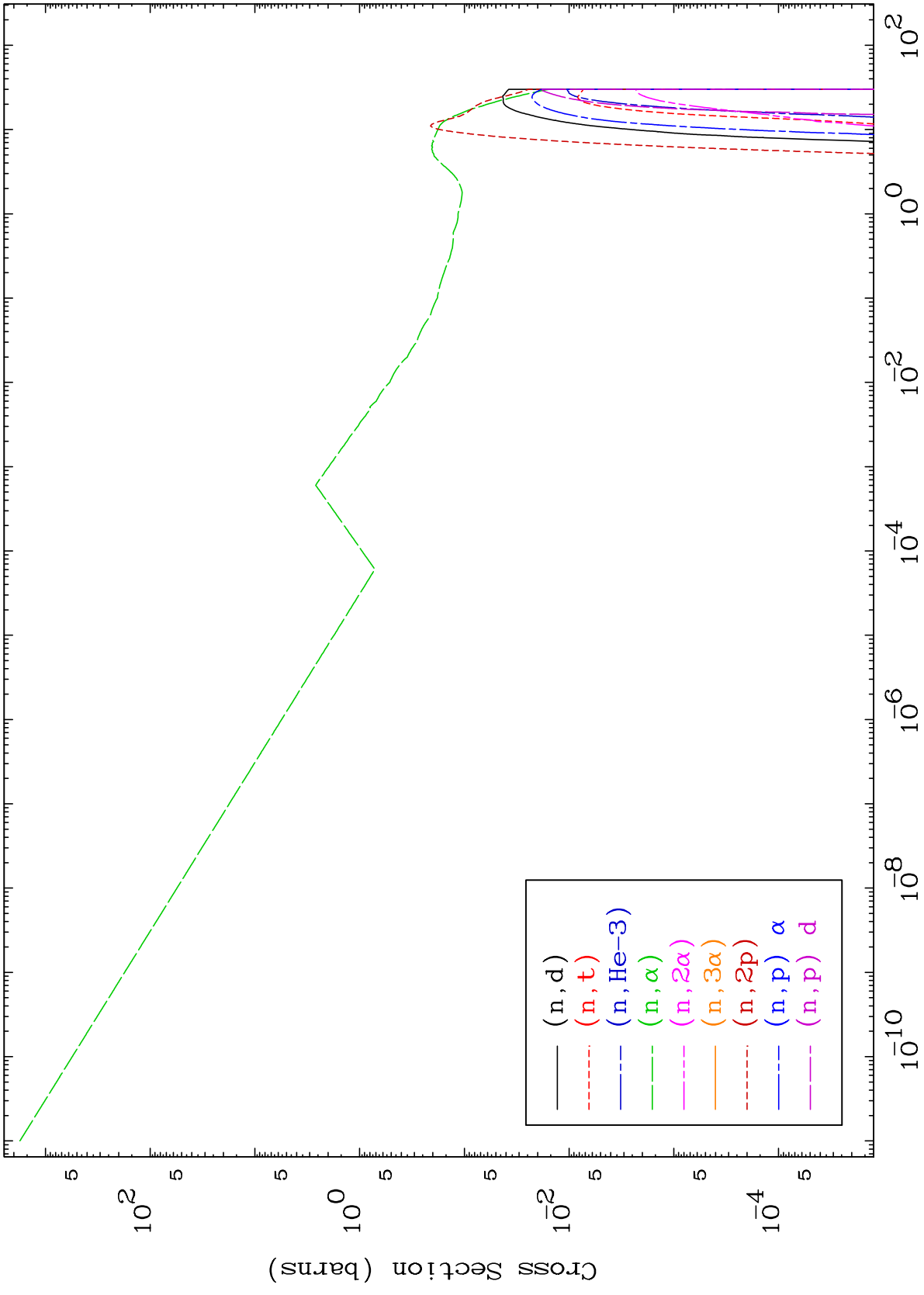
30-Zn-63



MAT 3022

293 Kelvin Cross Sections

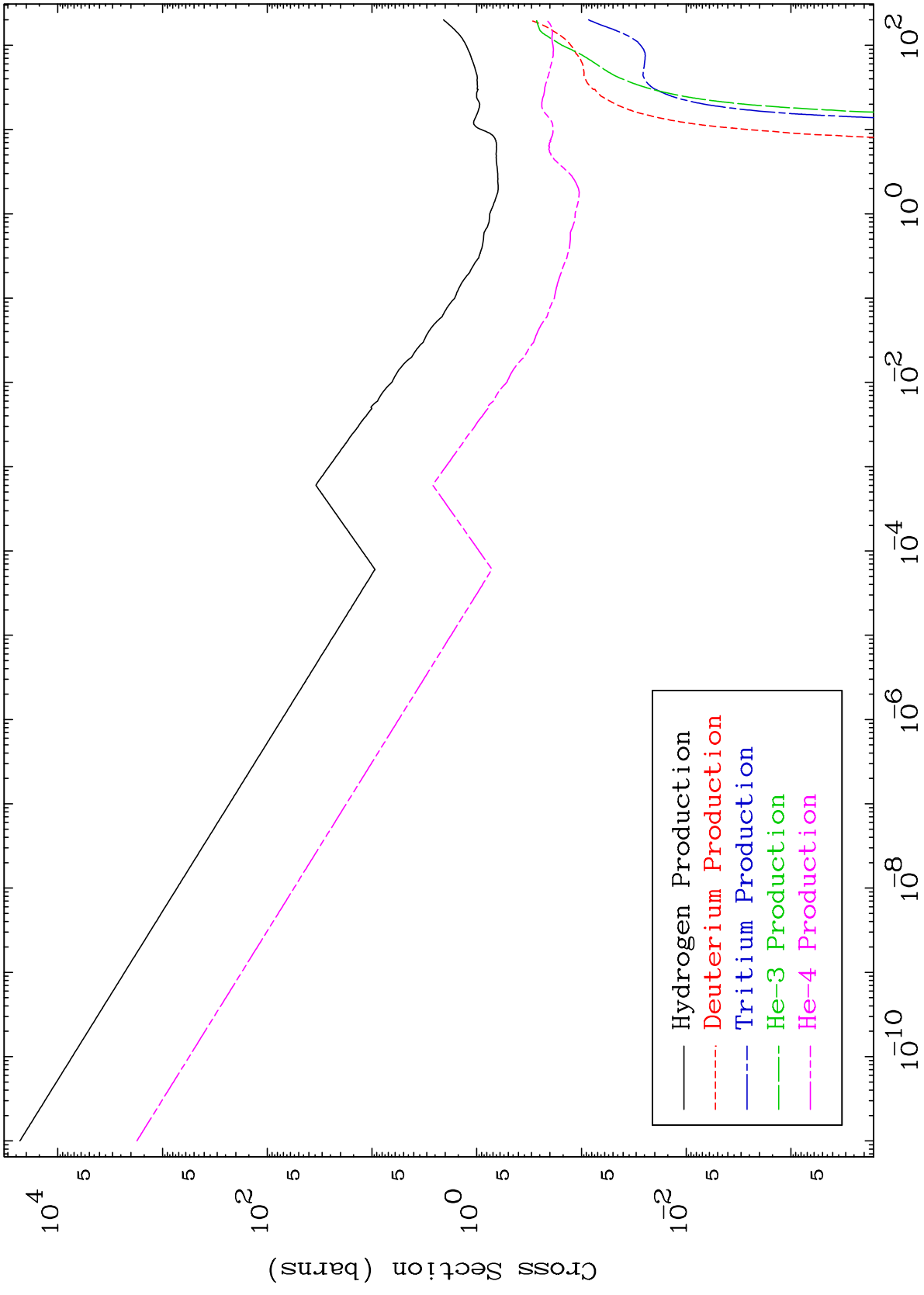
30-Zn-63



MAT 3022

Particle Production
293 Kelvin Cross Sections

30-Zn-63

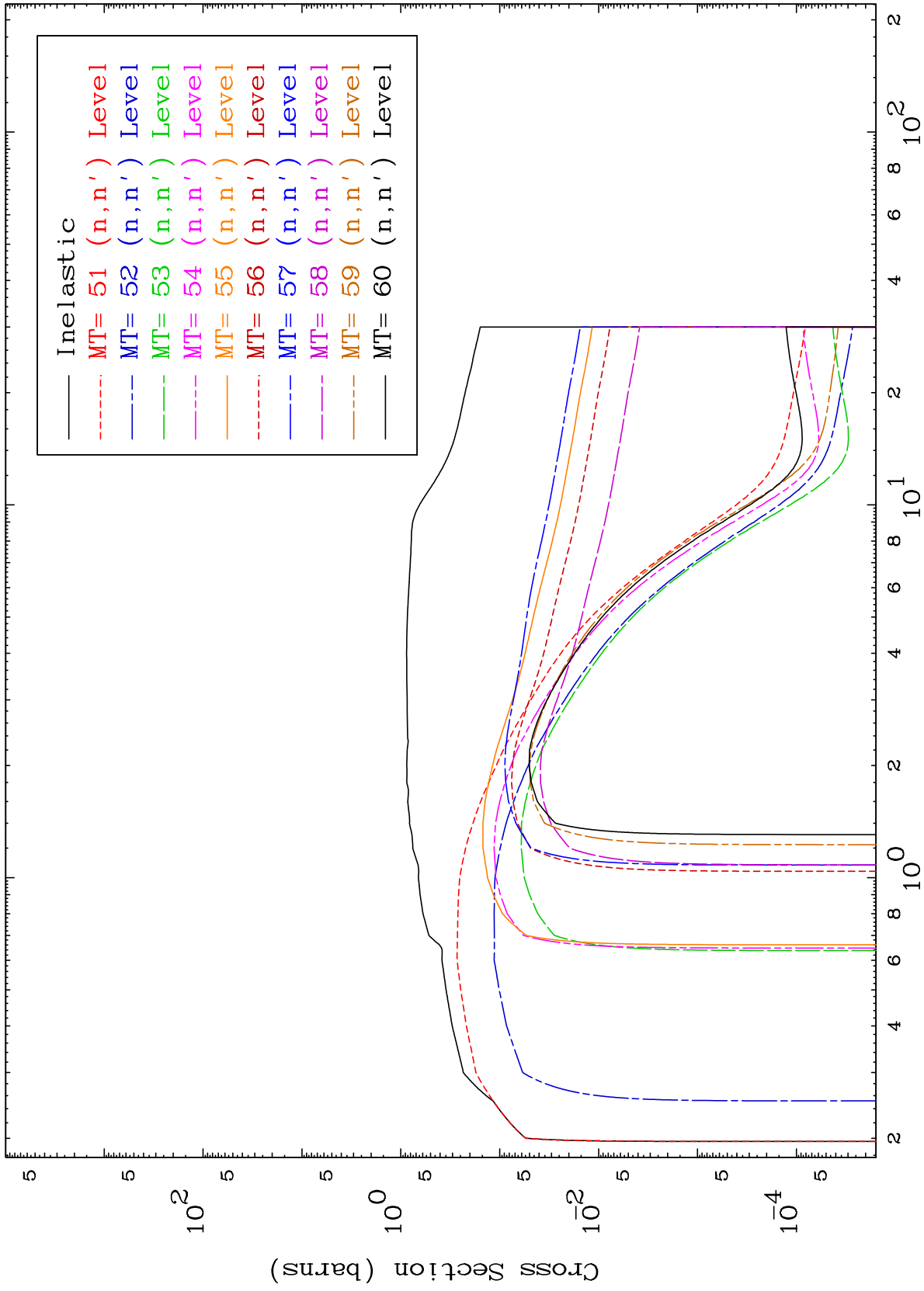


MAT 3022

(n,n') Level

30-Zn-63

293 Kelvin Cross Sections



7

Incident Energy (MeV)

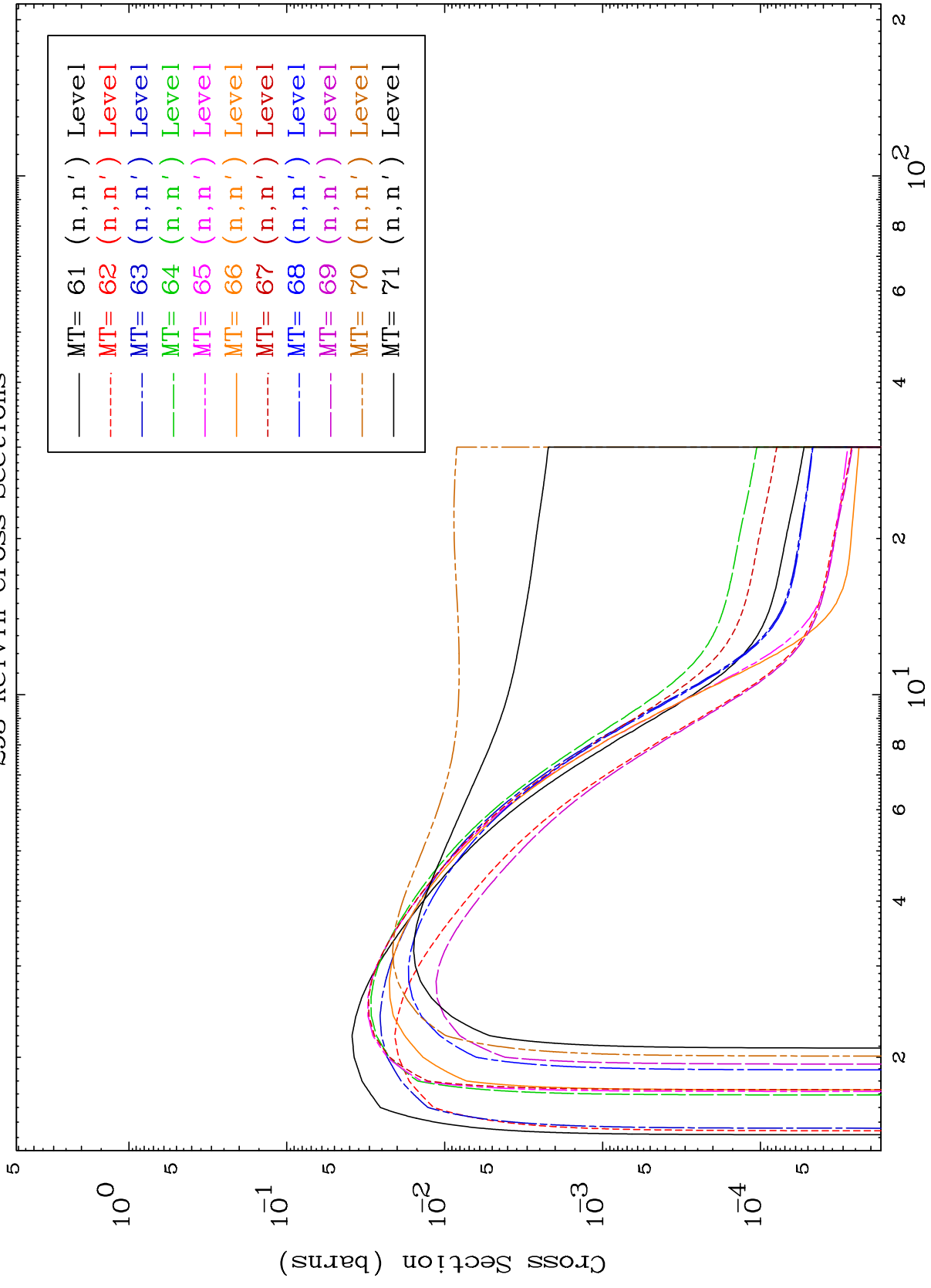
30-Zn-63

MAT 3022

(n,n') Level

30-Zn-63

293 Kelvin Cross Sections



8

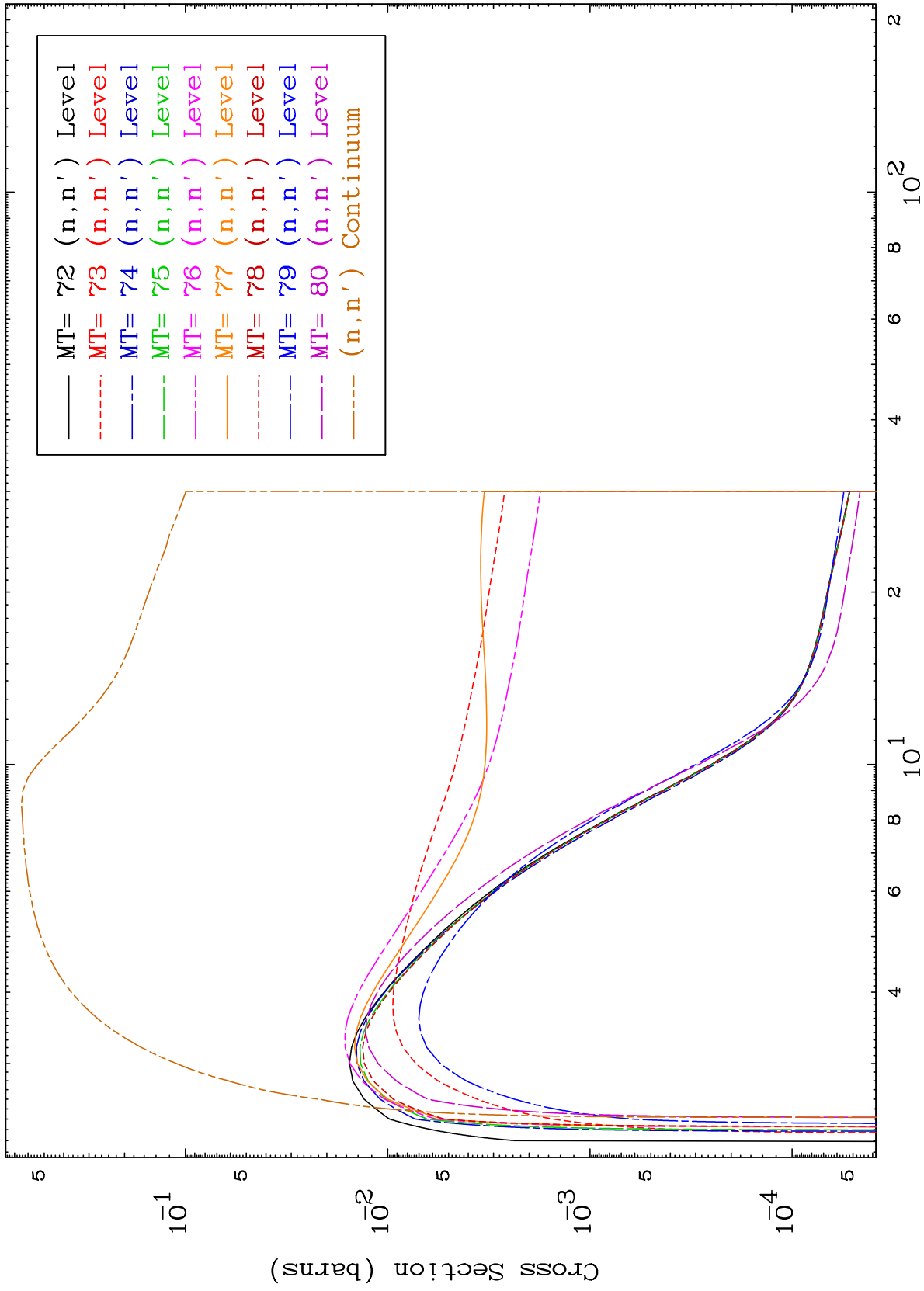
Incident Energy (MeV)

30-Zn-63

MAT 3022

(n,n') Level
293 Kelvin Cross Sections

30-Zn-63



9

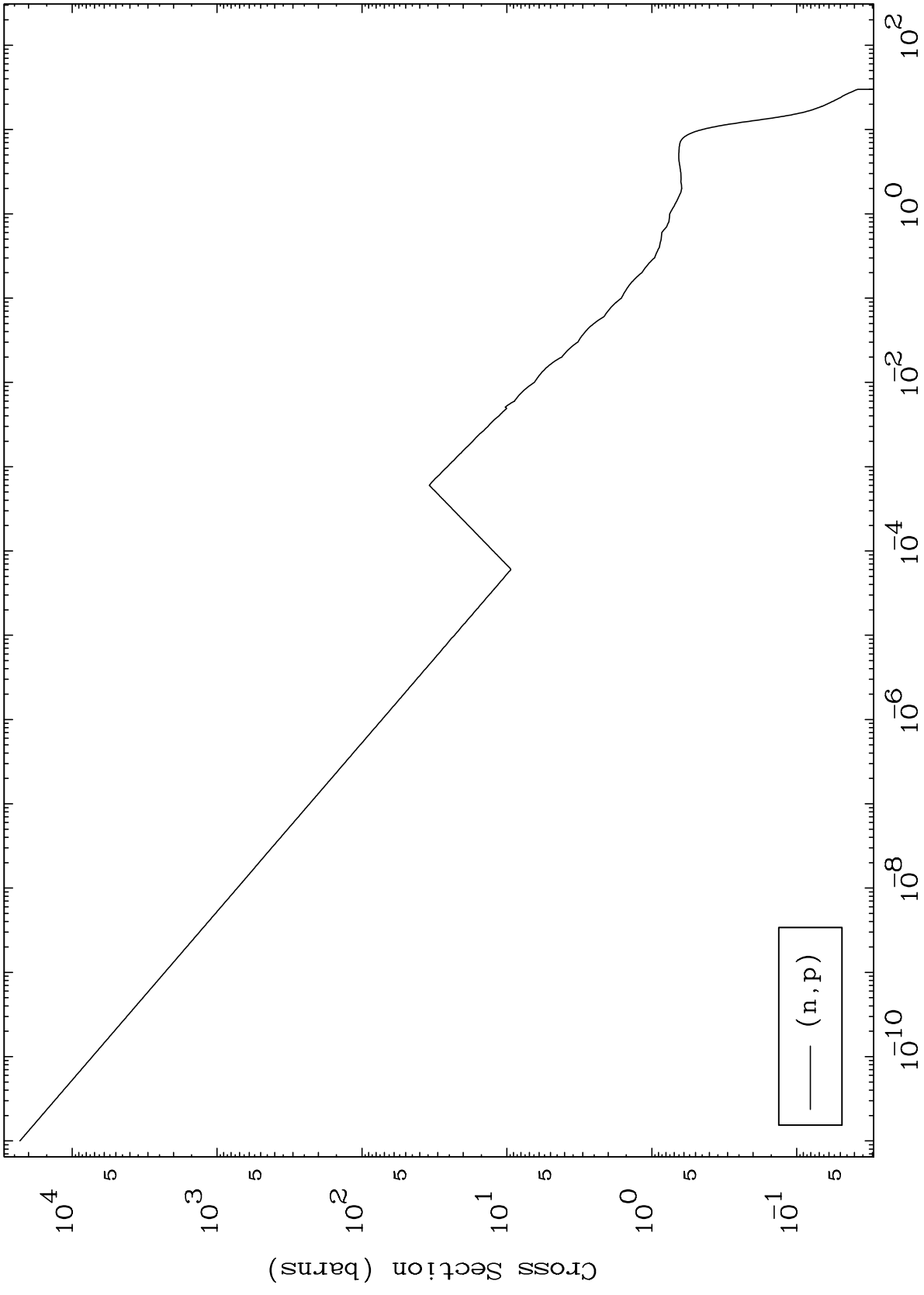
Incident Energy (MeV)

30-Zn-63

MAT 3022

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-63



10

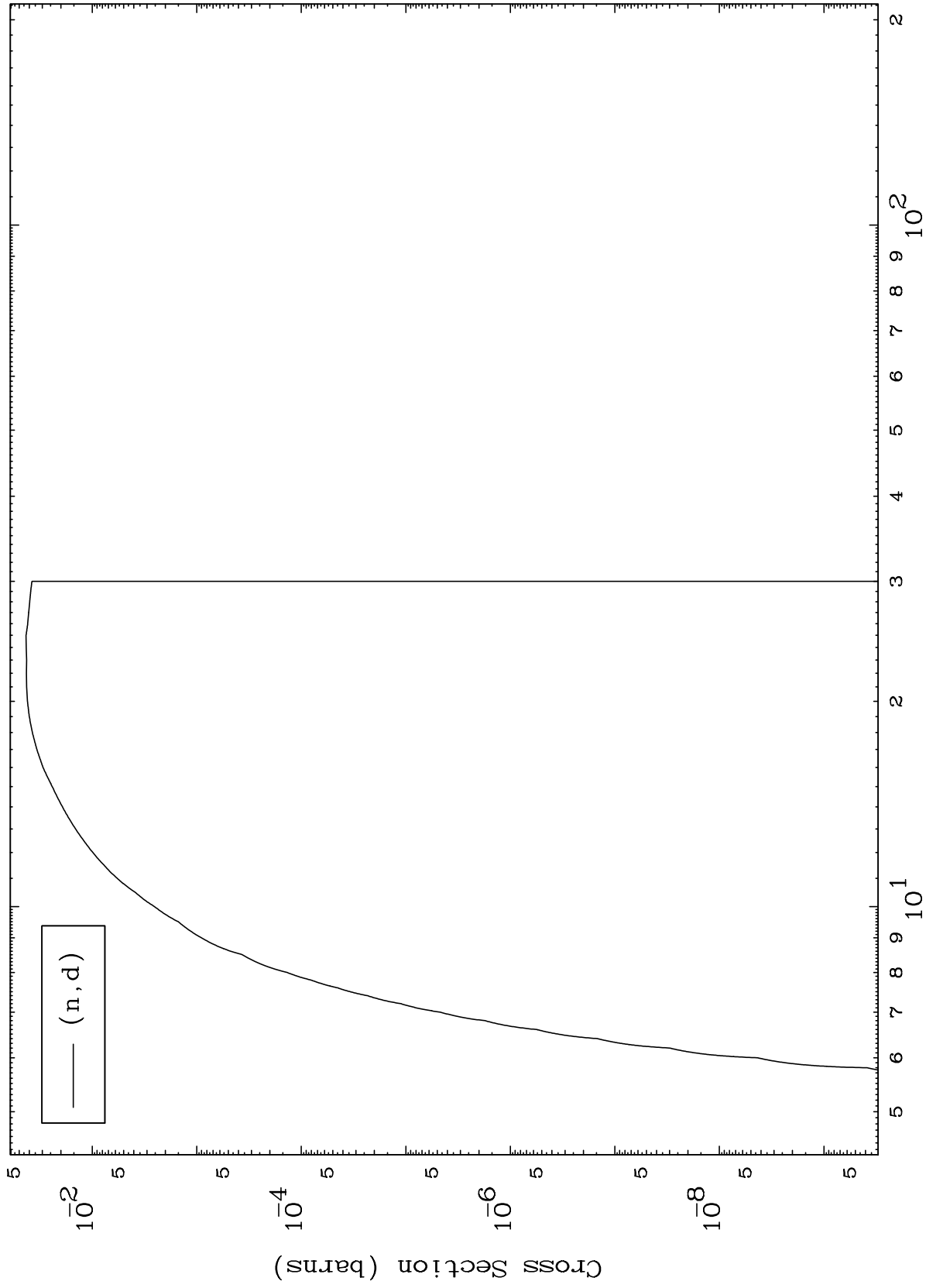
Incident Energy (MeV)

30-Zn-63

MAT 3022

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-63



11

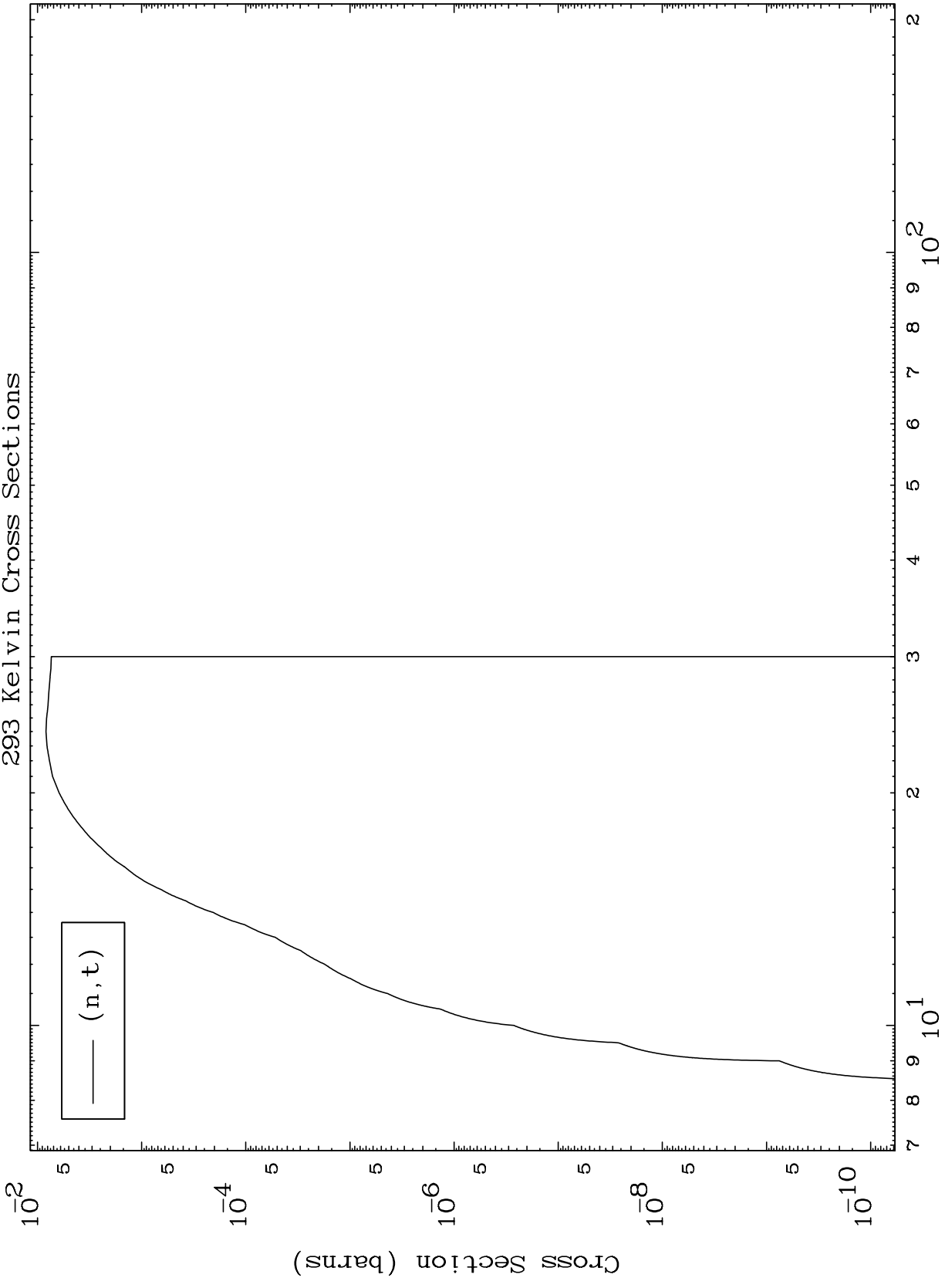
Incident Energy (MeV)

30-Zn-63

MAT 3022

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-63



12

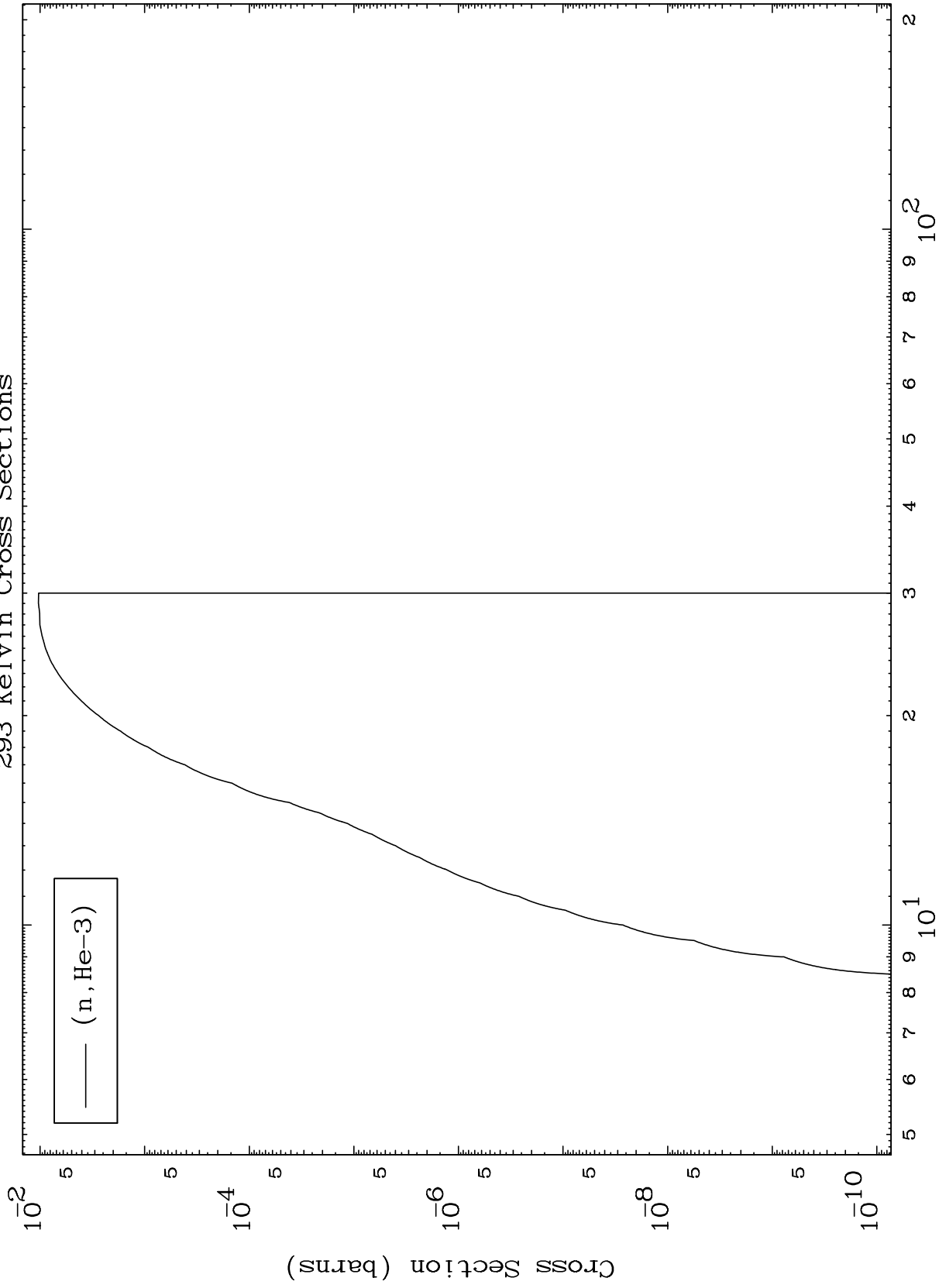
Incident Energy (MeV)

30-Zn-63

MAT 3022

30-Zn-63

(n,He3) Levels
293 Kelvin Cross Sections



13

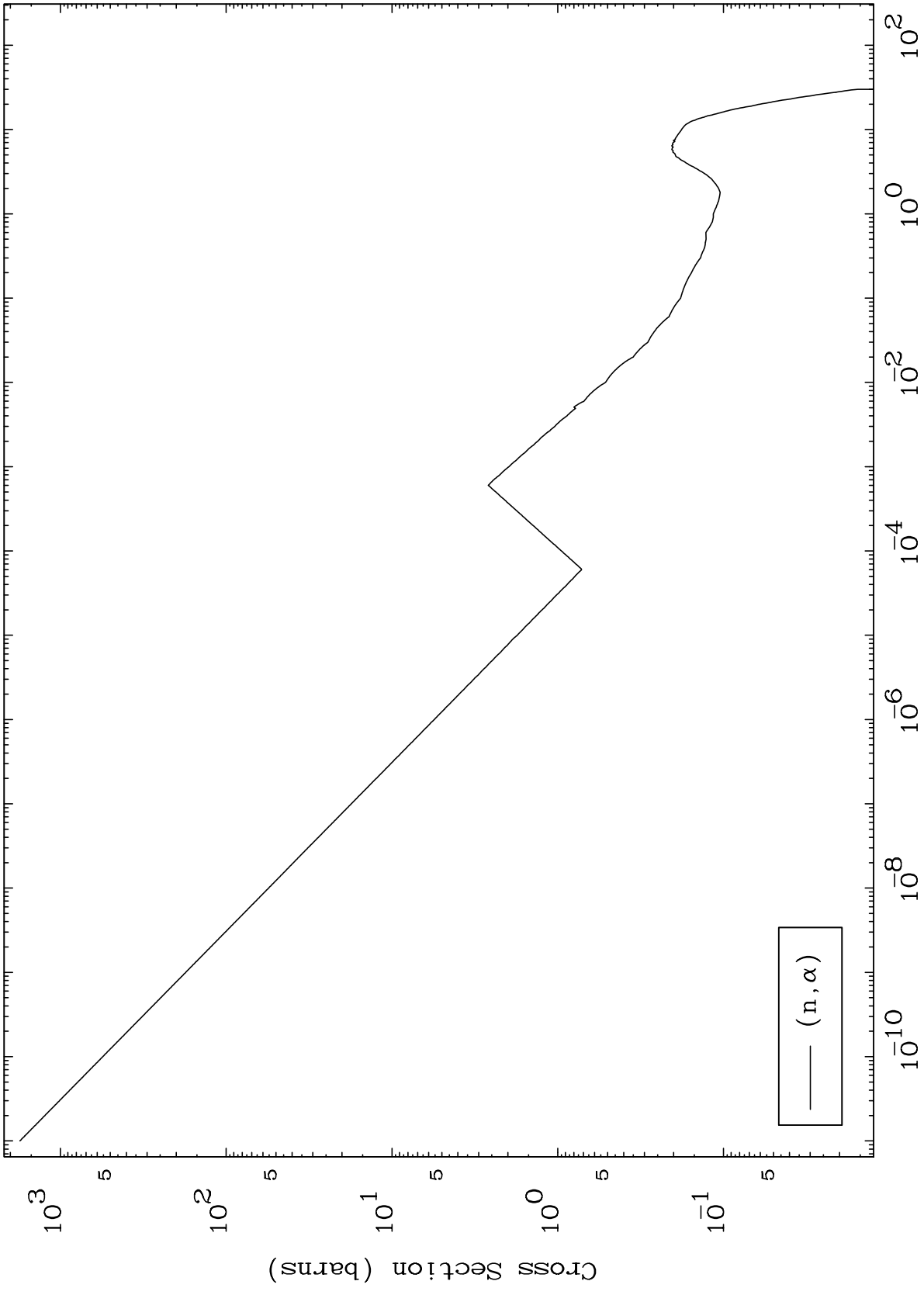
Incident Energy (MeV)

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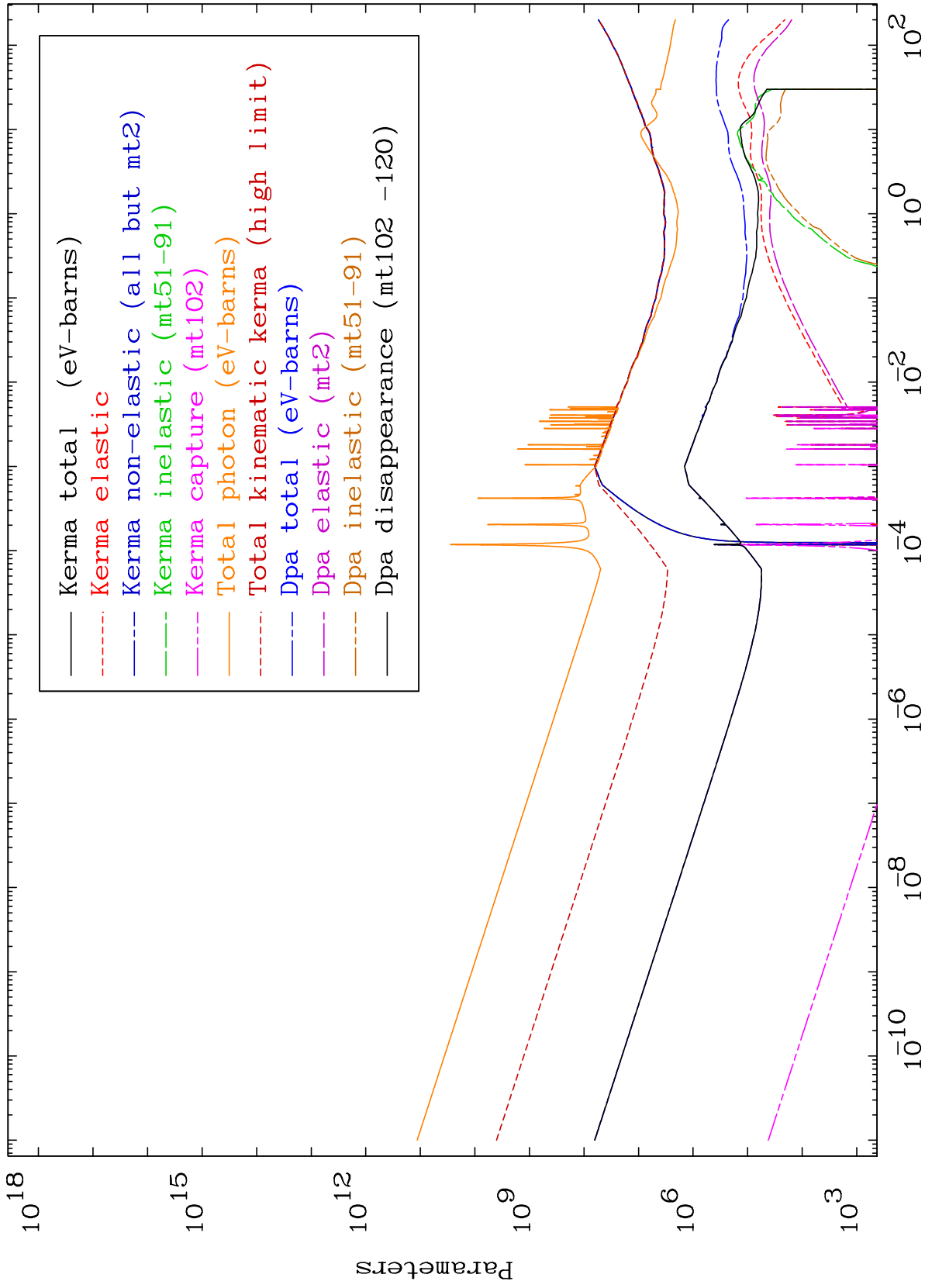
MAT 3022

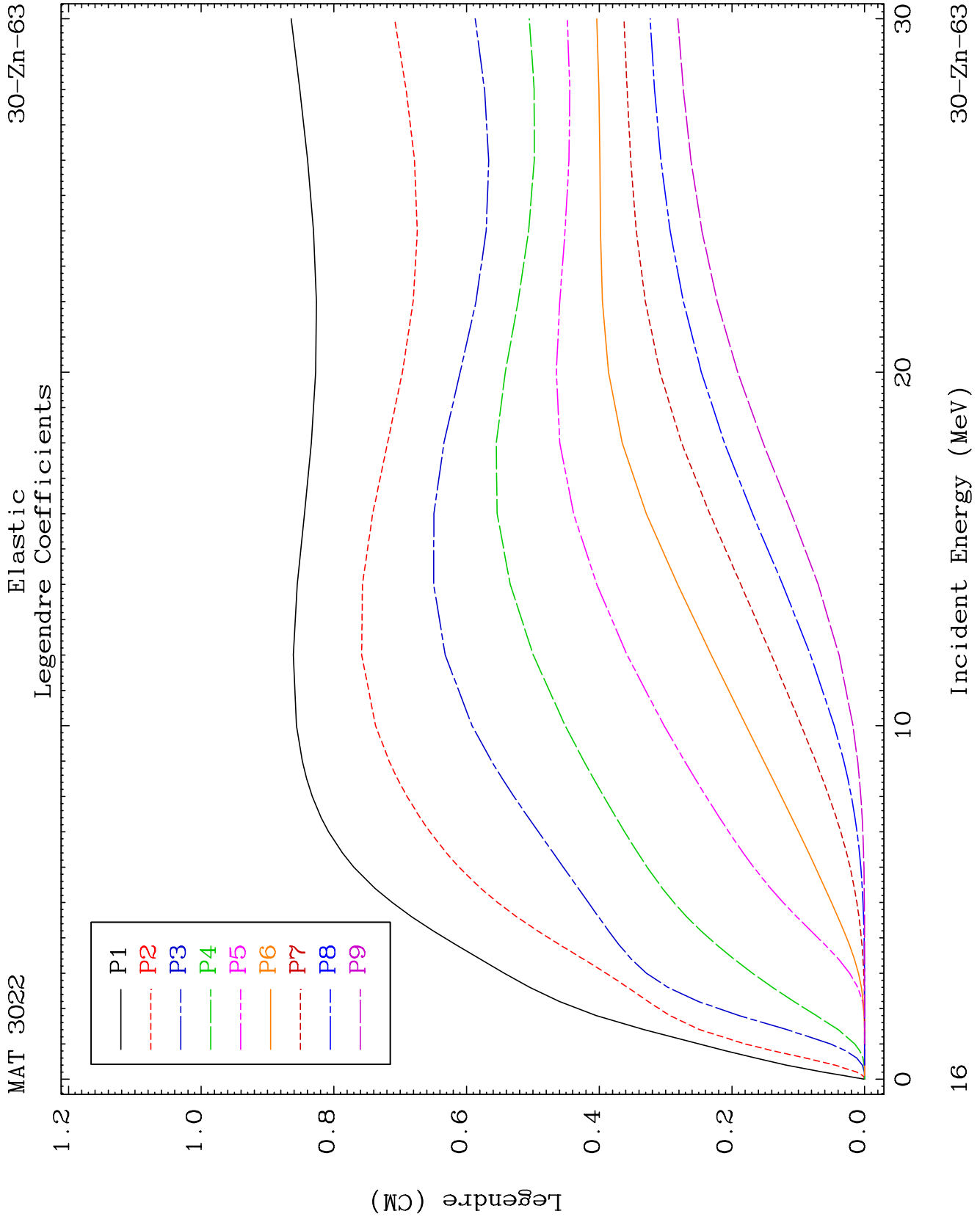
(n,α) Levels
293 Kelvin Cross Sections

30-Zn-63



— (n,α)

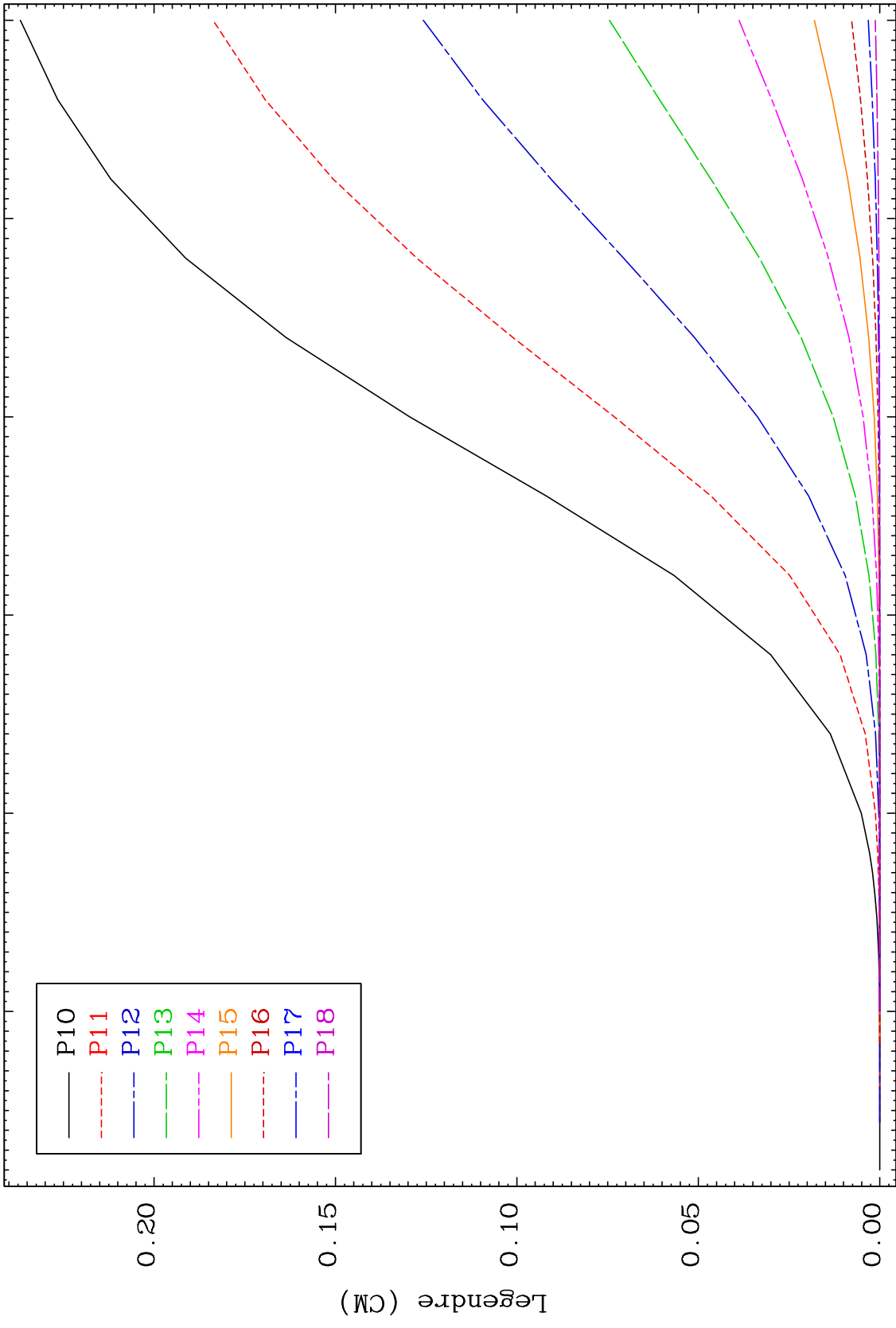




MAT 3022

Elastic Legendre Coefficients

30-Zn-63



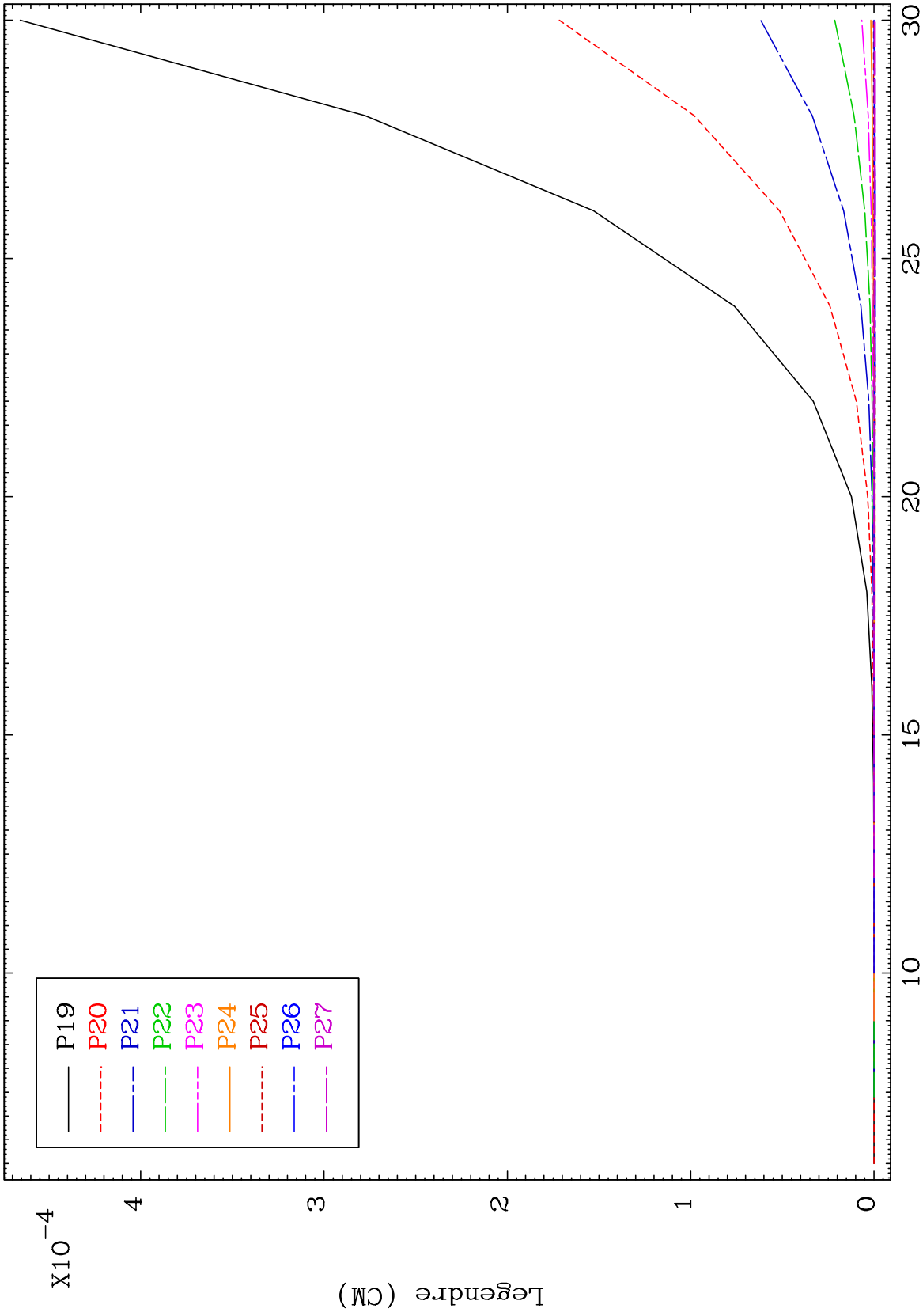
17

30-Zn-63

MAT 3022

Elastic Legendre Coefficients

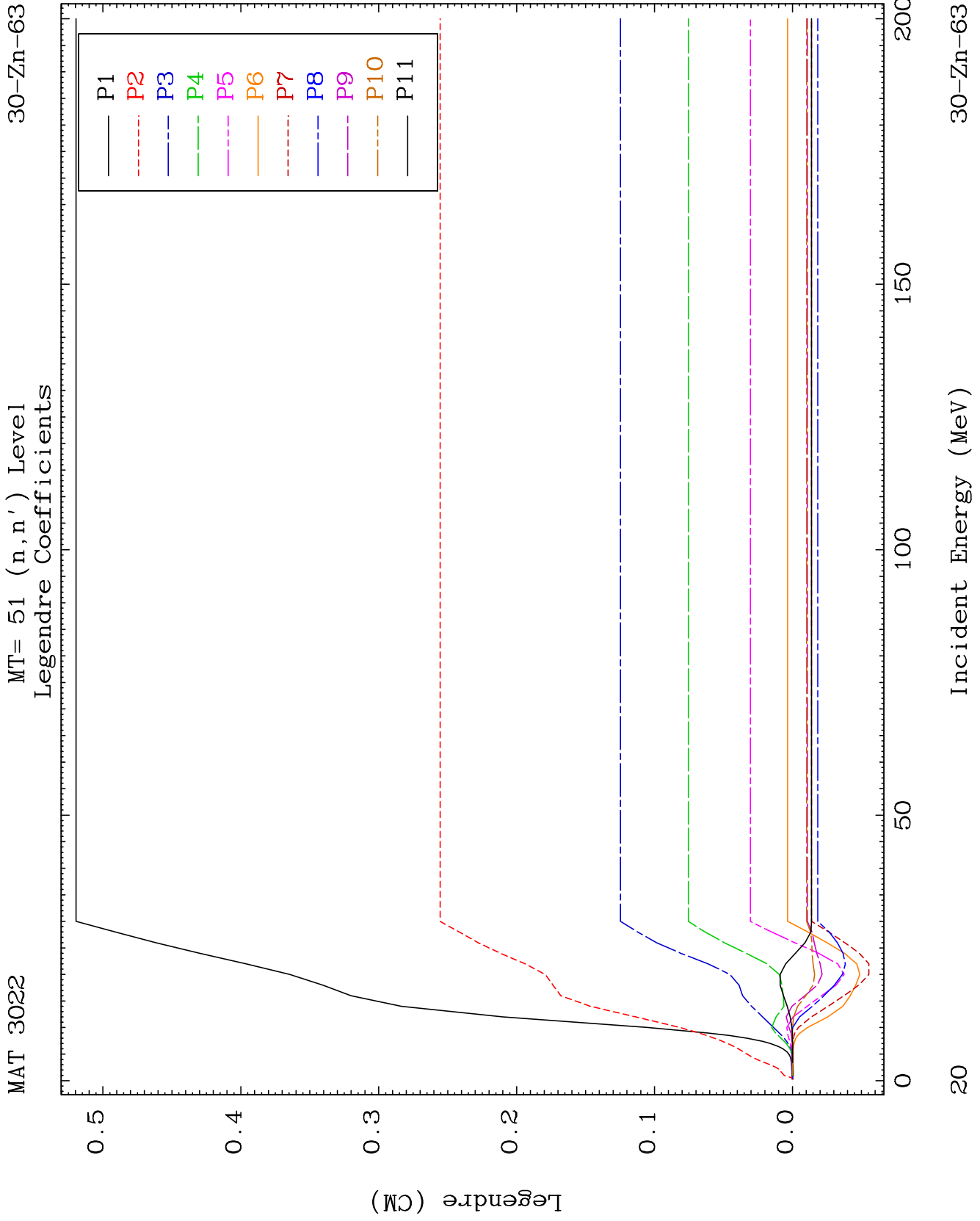
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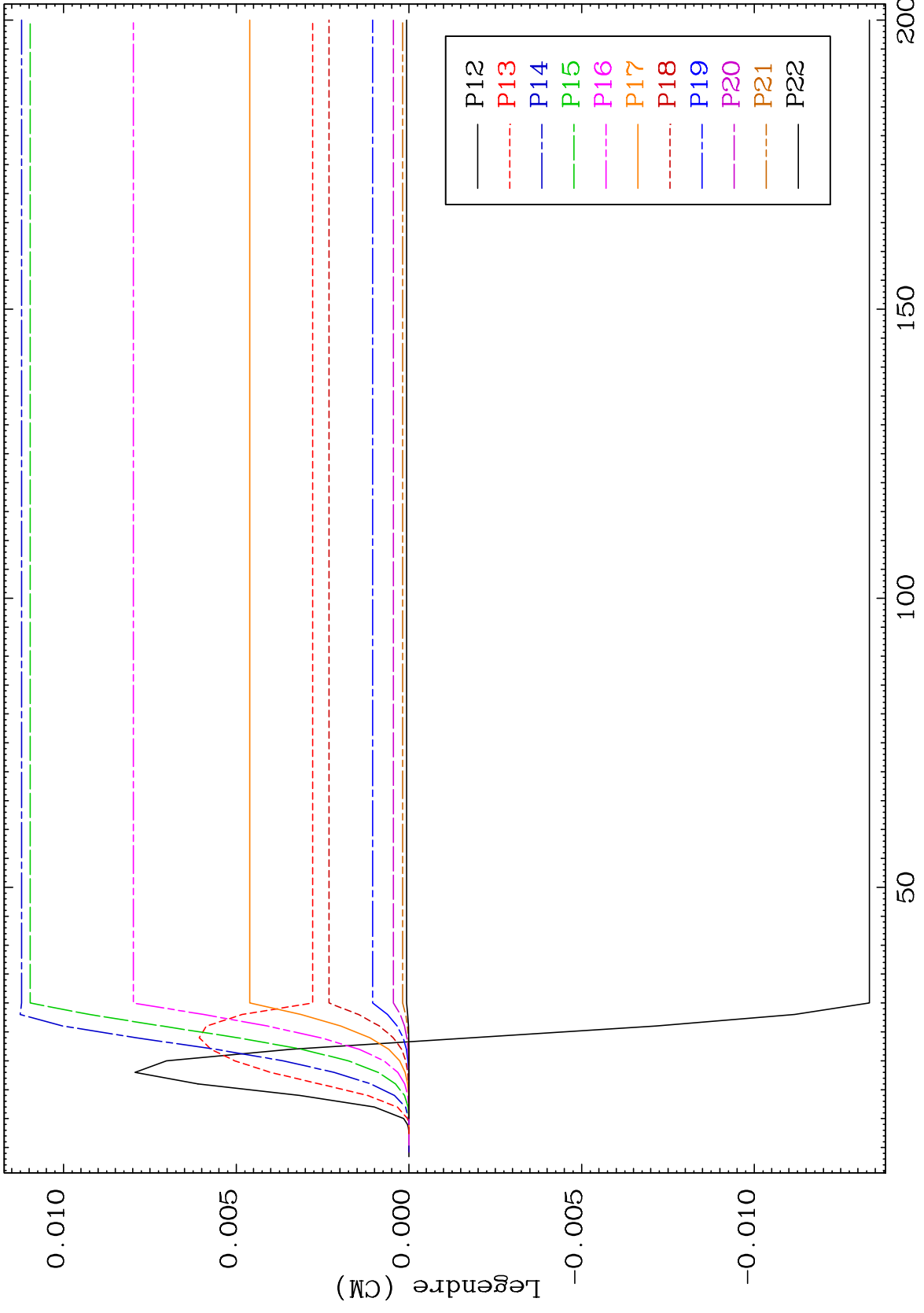
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Incident Energy (MeV)

30-Zn-63

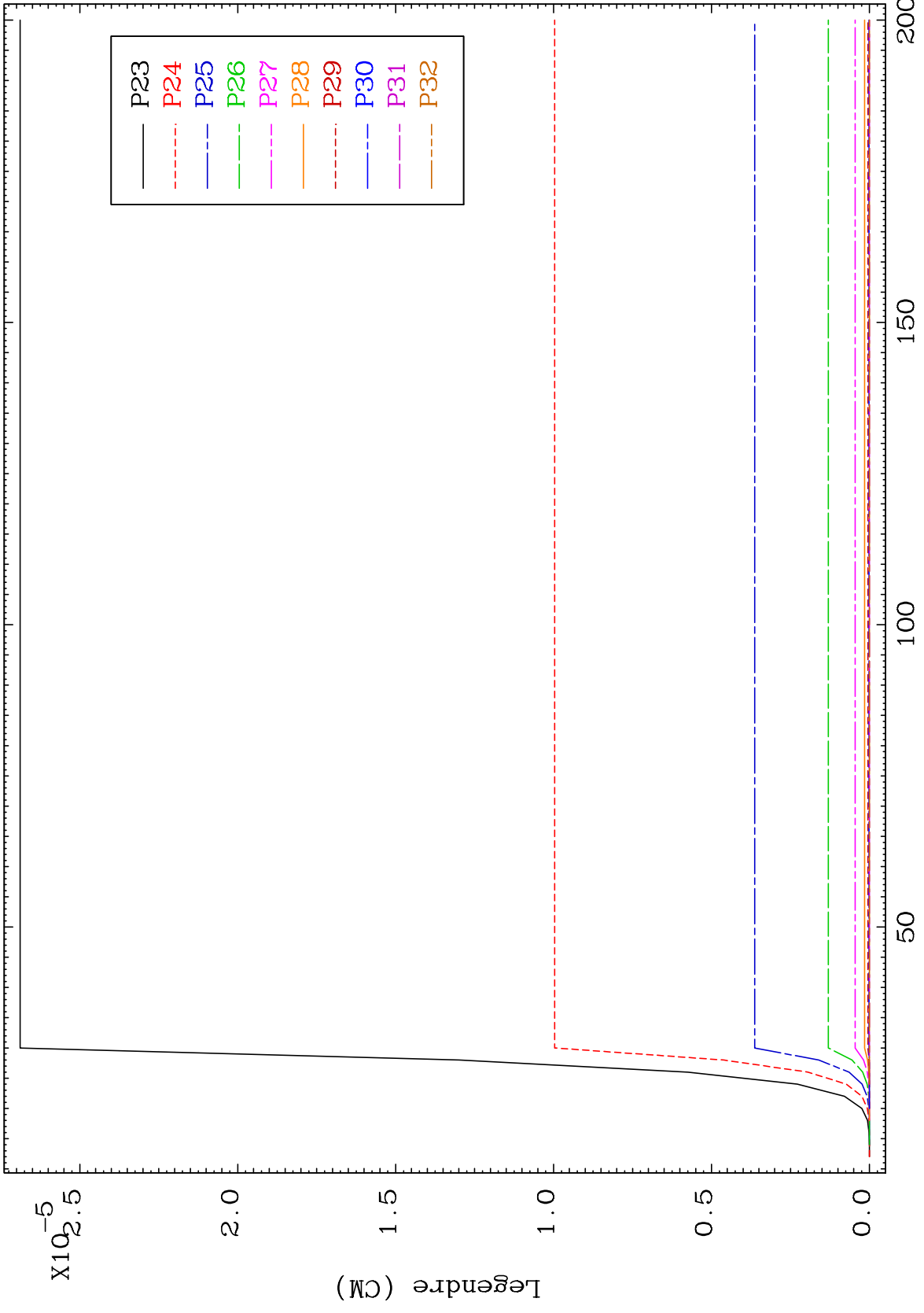


MAT 3022 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-63

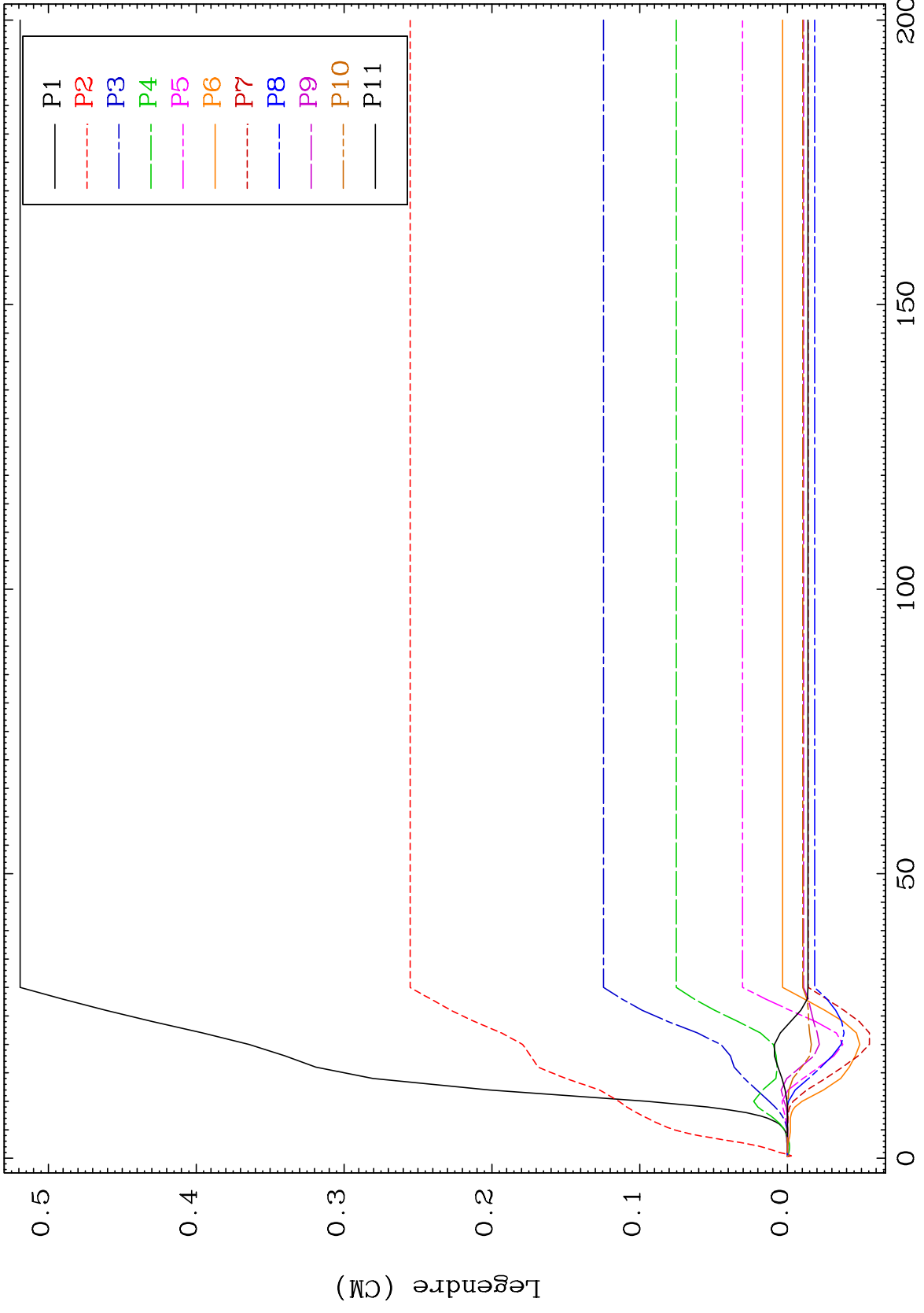


21 30-Zn-63

MAT 3022 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-63

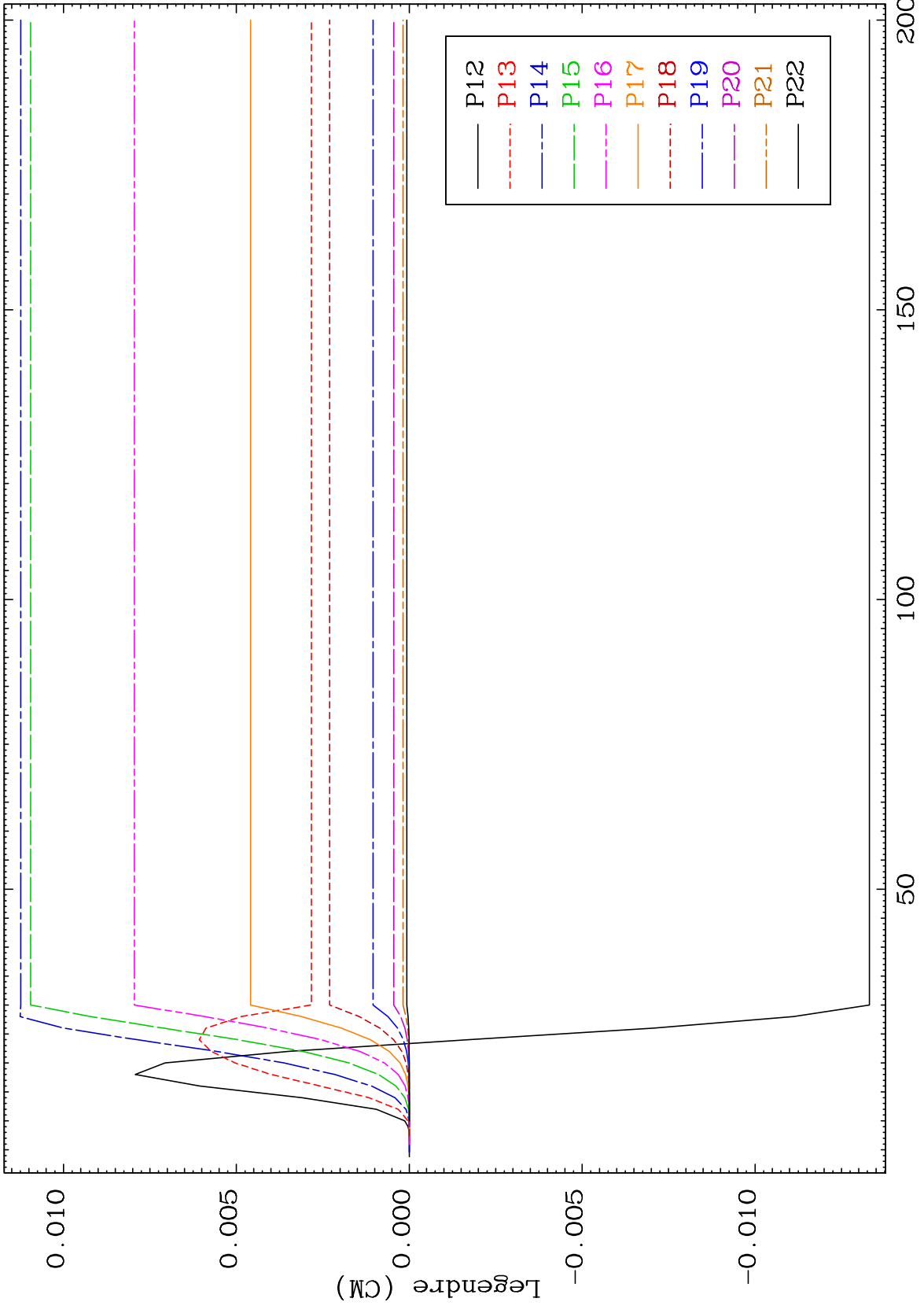


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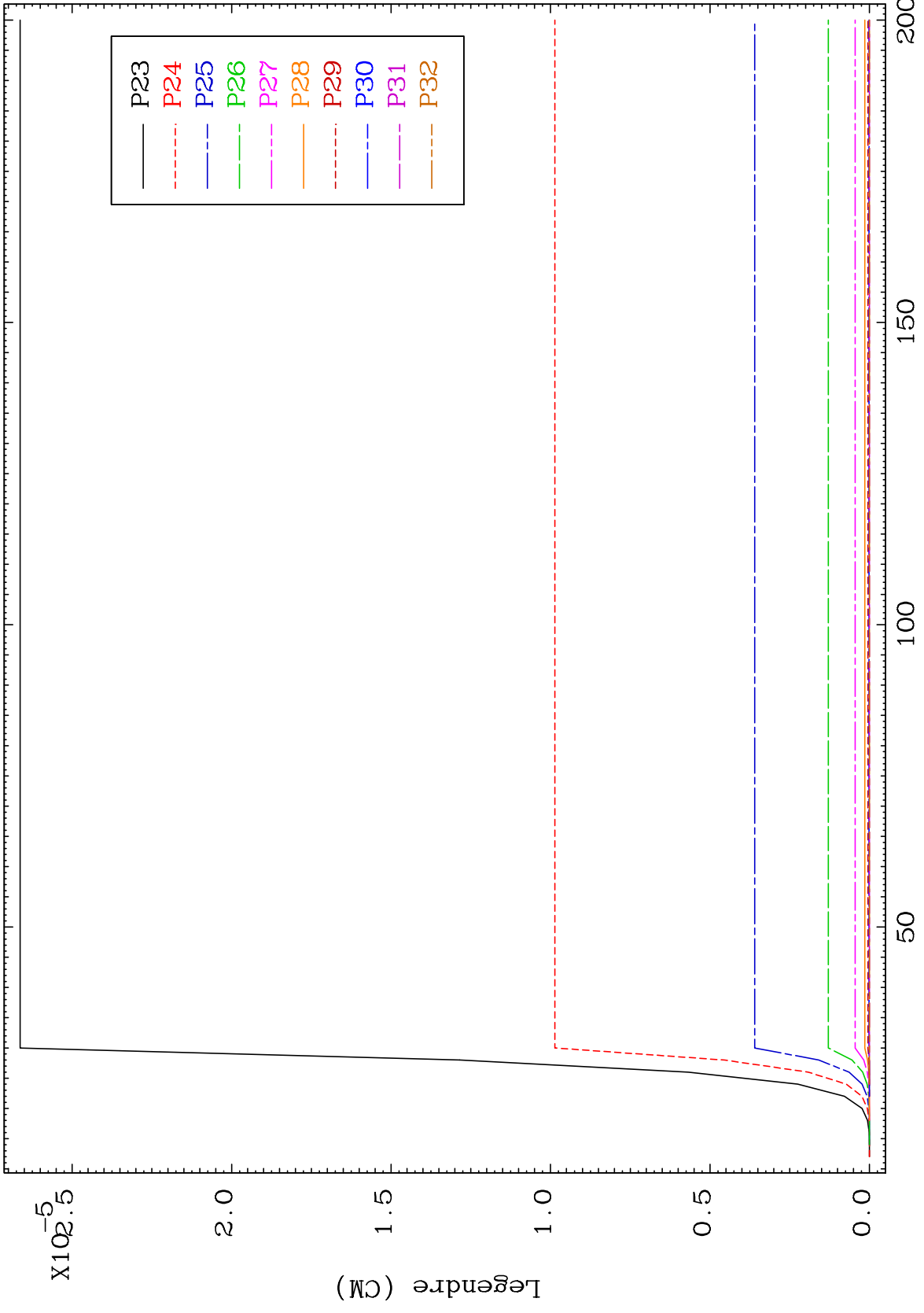
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MAT 3022 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-63



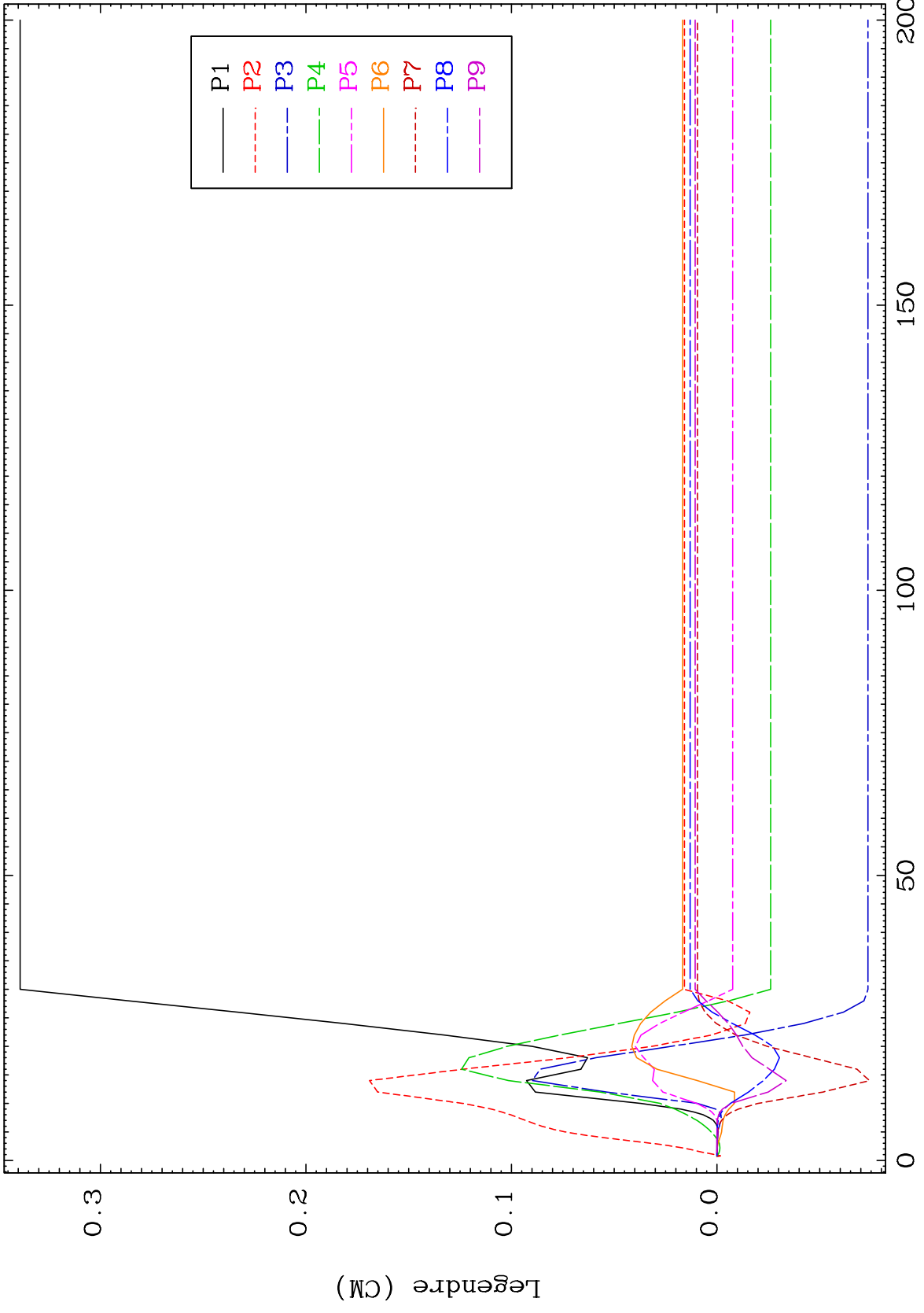
24 30-Zn-63

MAT 3022 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-63



25 50 100 150 200 30-Zn-63

MAT 3022 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-63

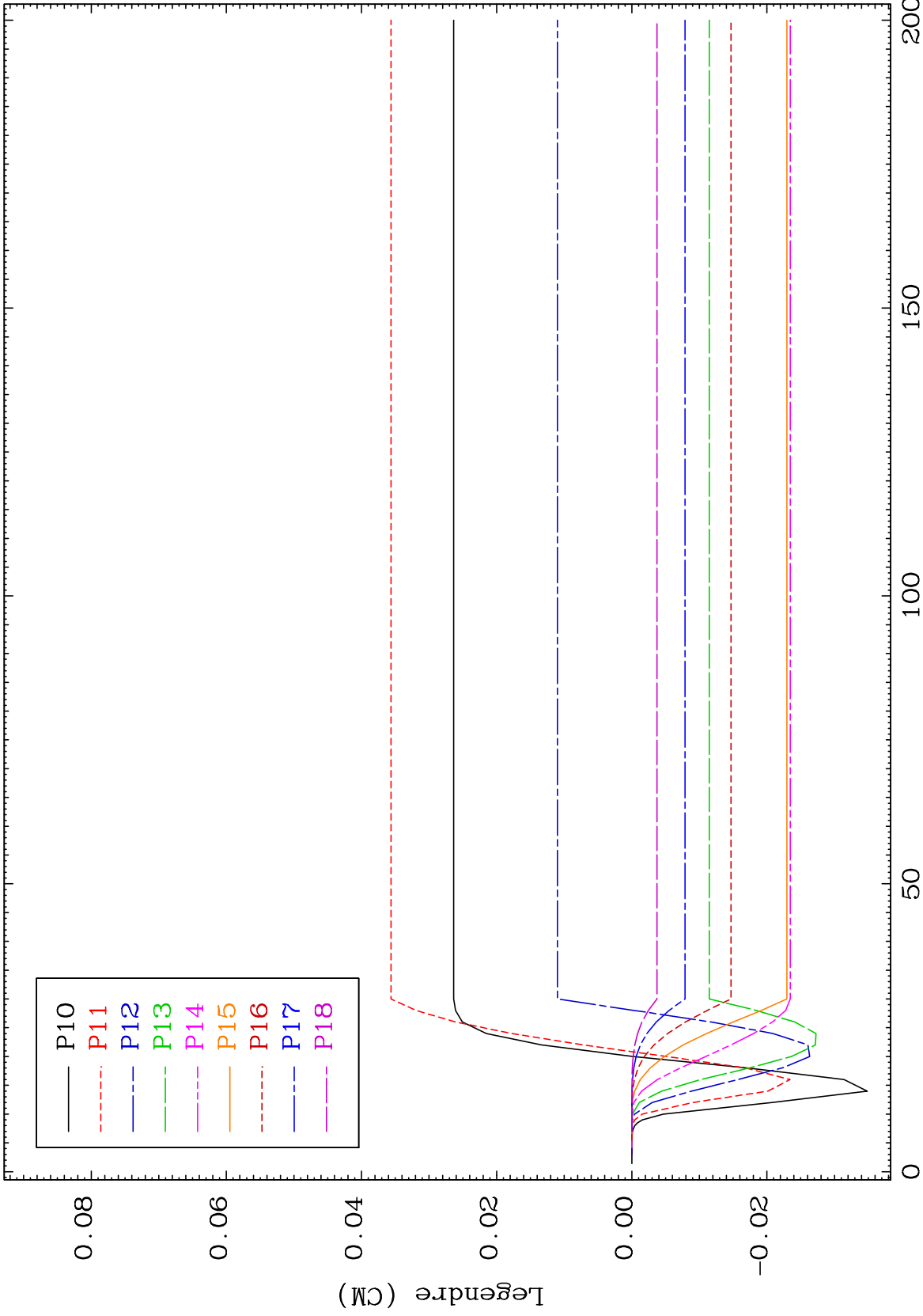


26 Incident Energy (MeV) 30-Zn-63

MAT 3022

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

30-Zn-63



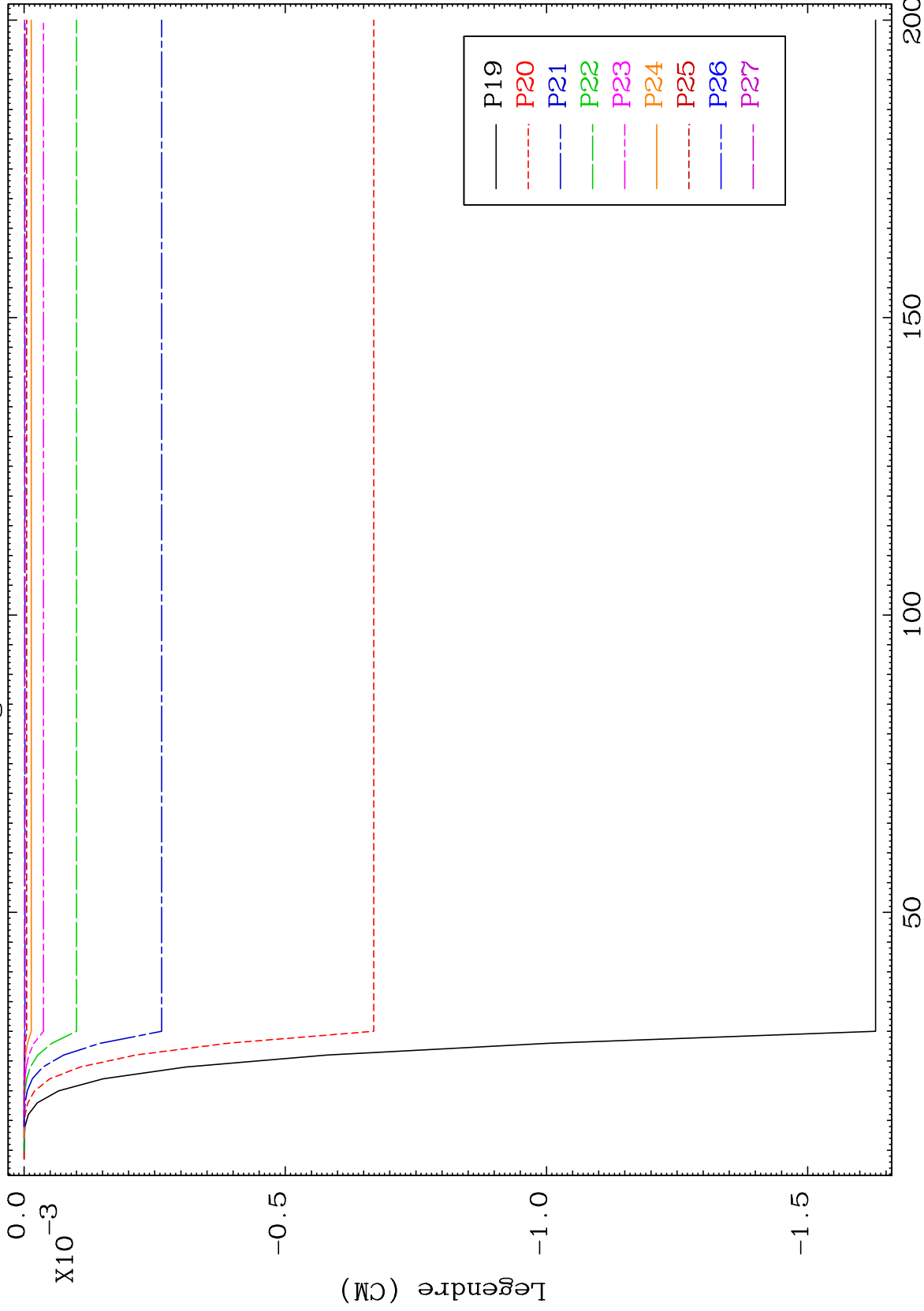
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Incident Energy (MeV)

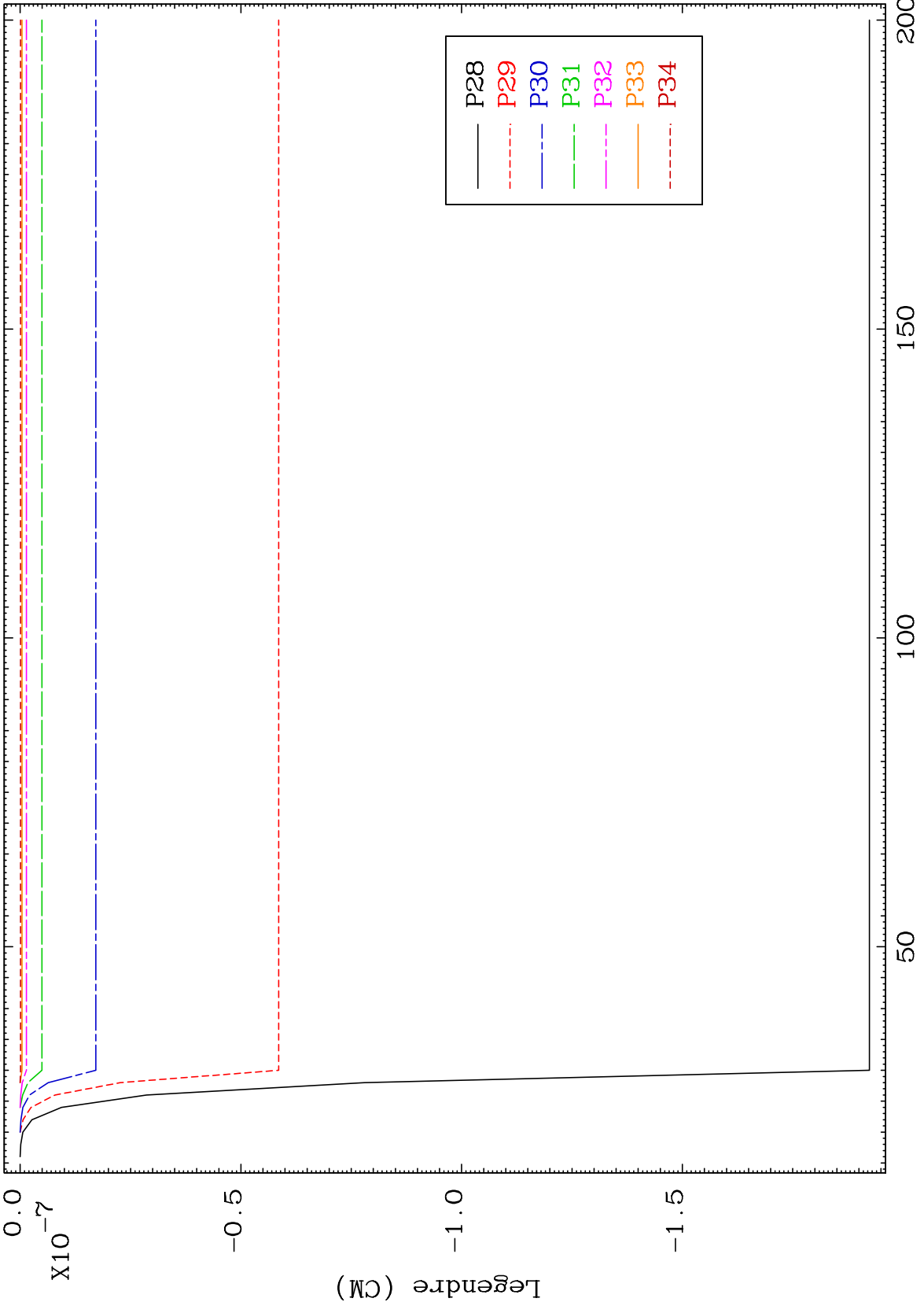
30-Zn-63

MAT 3022 MT= 53 (n,n') Level 30-Zn-63

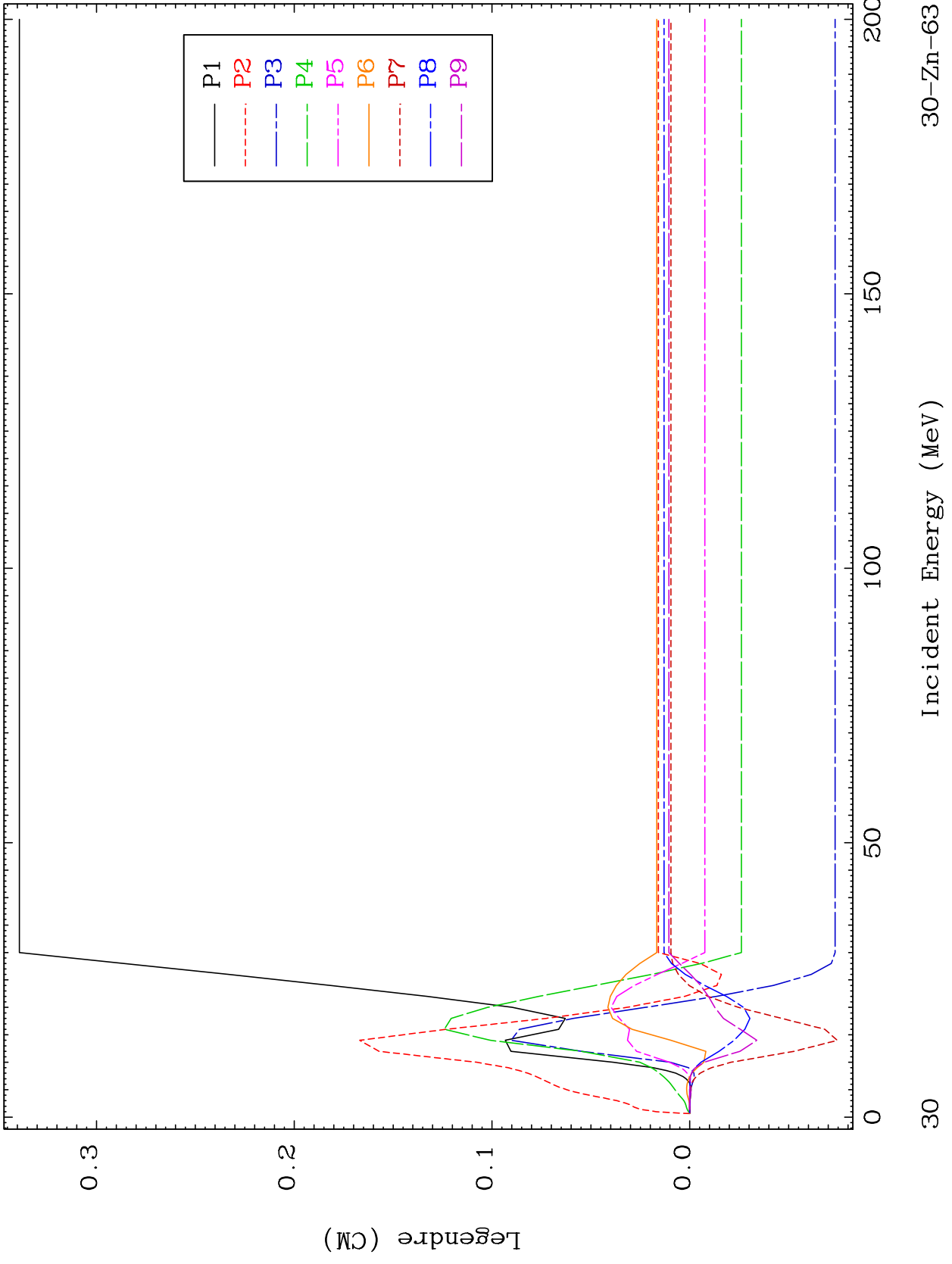
Legendre Coefficients



MAT 3022 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-63



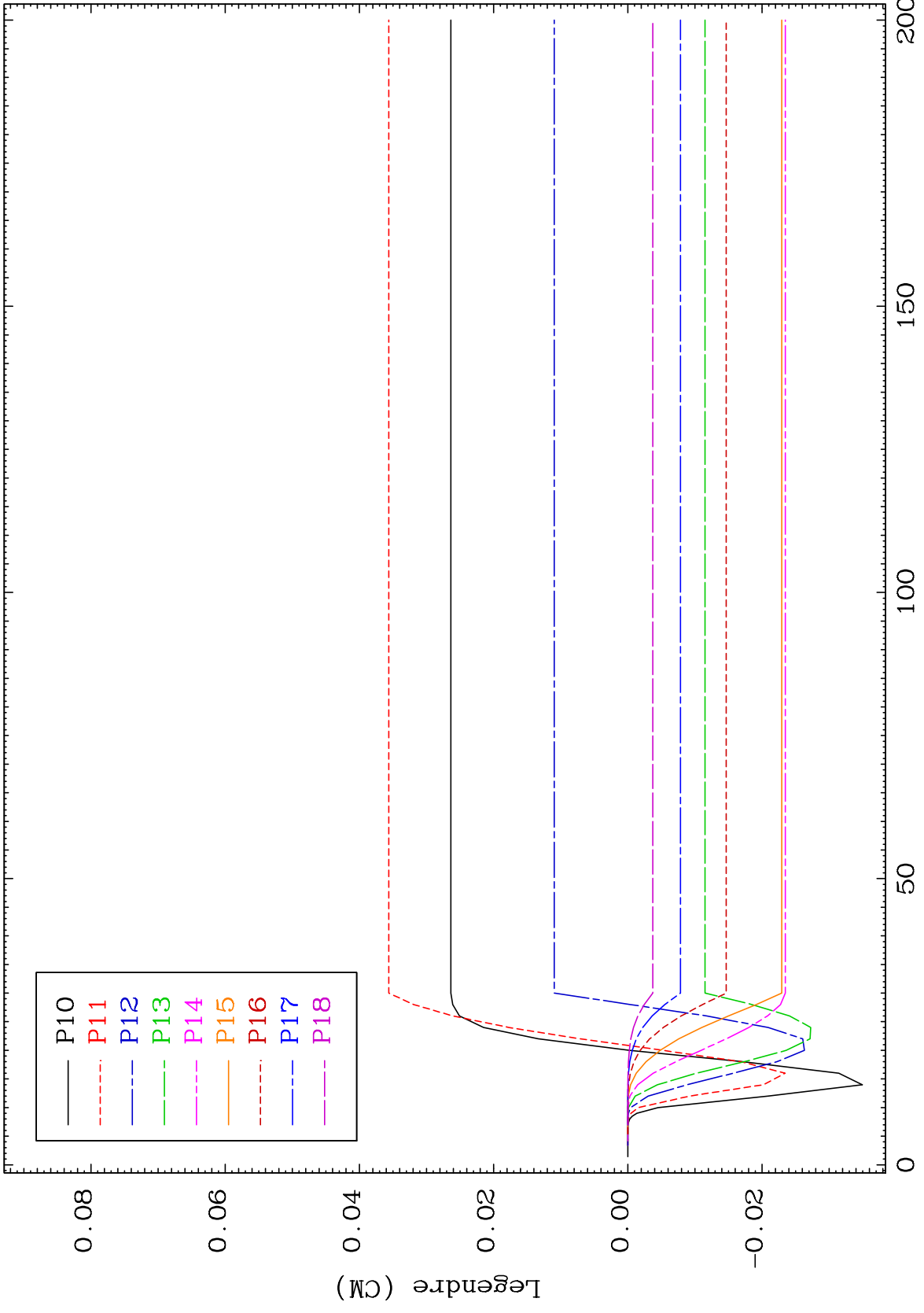
MAT 3022 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63



31

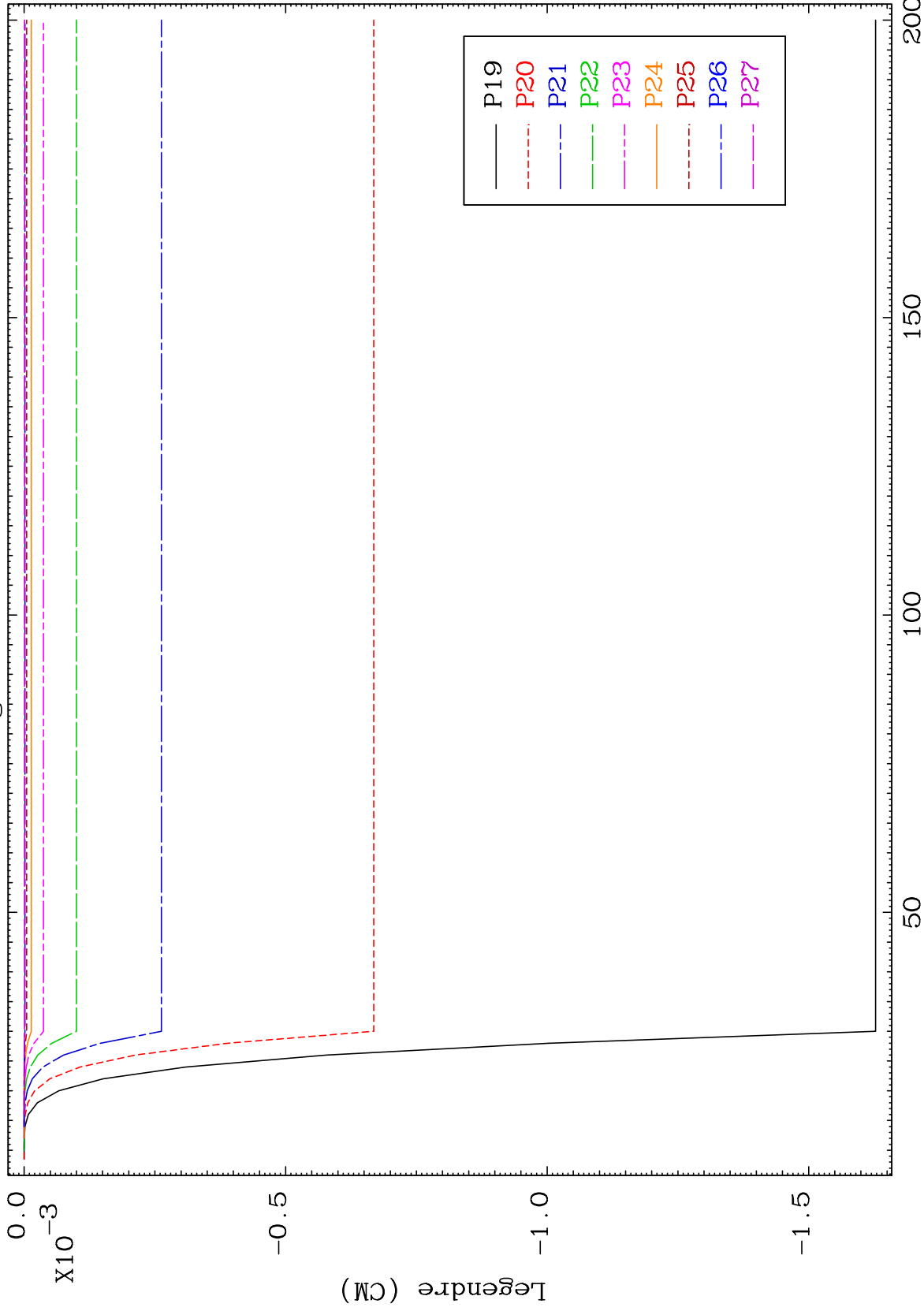
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63



30-Zn-63

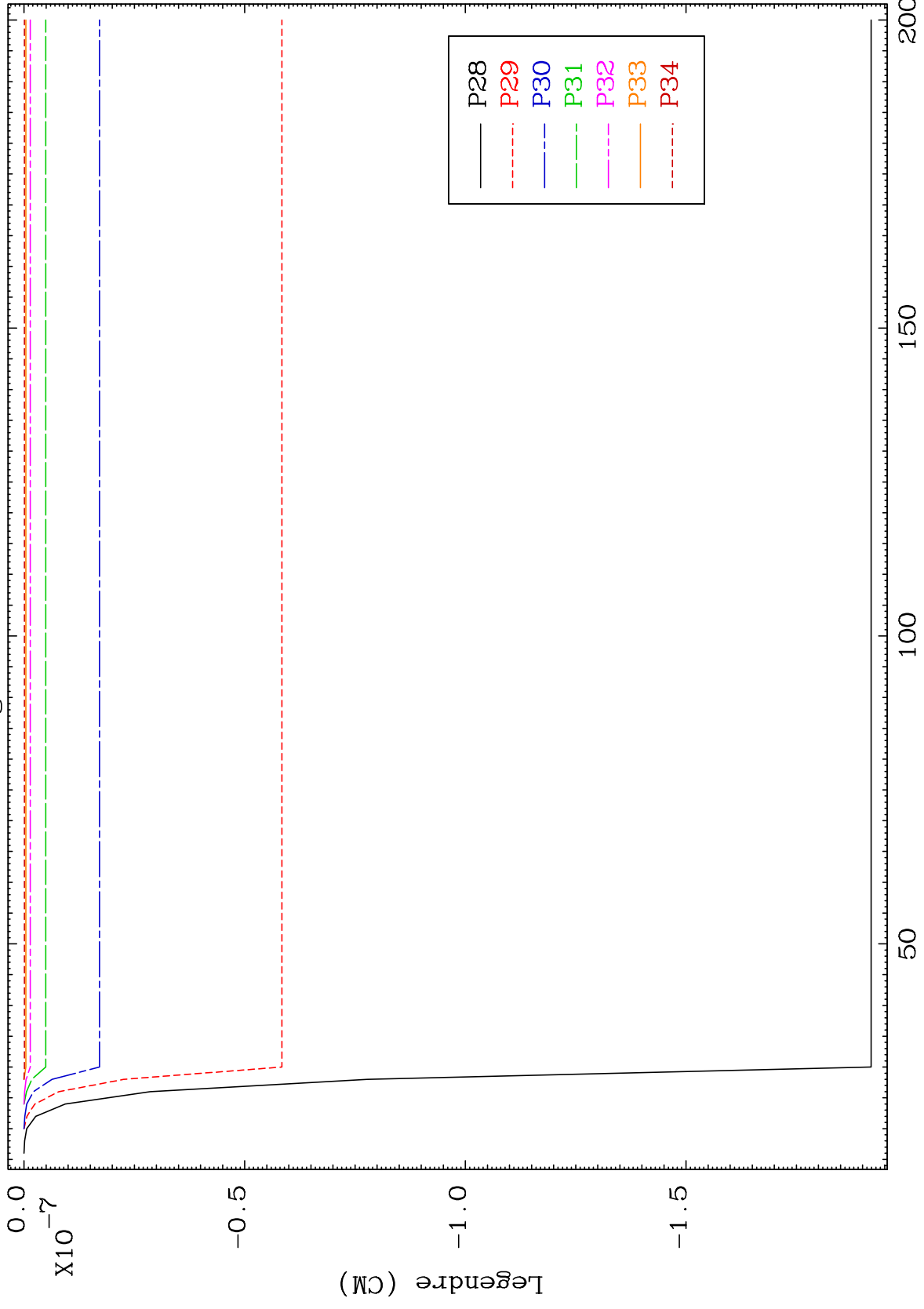
Incident Energy (MeV)

32

MAT 3022

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

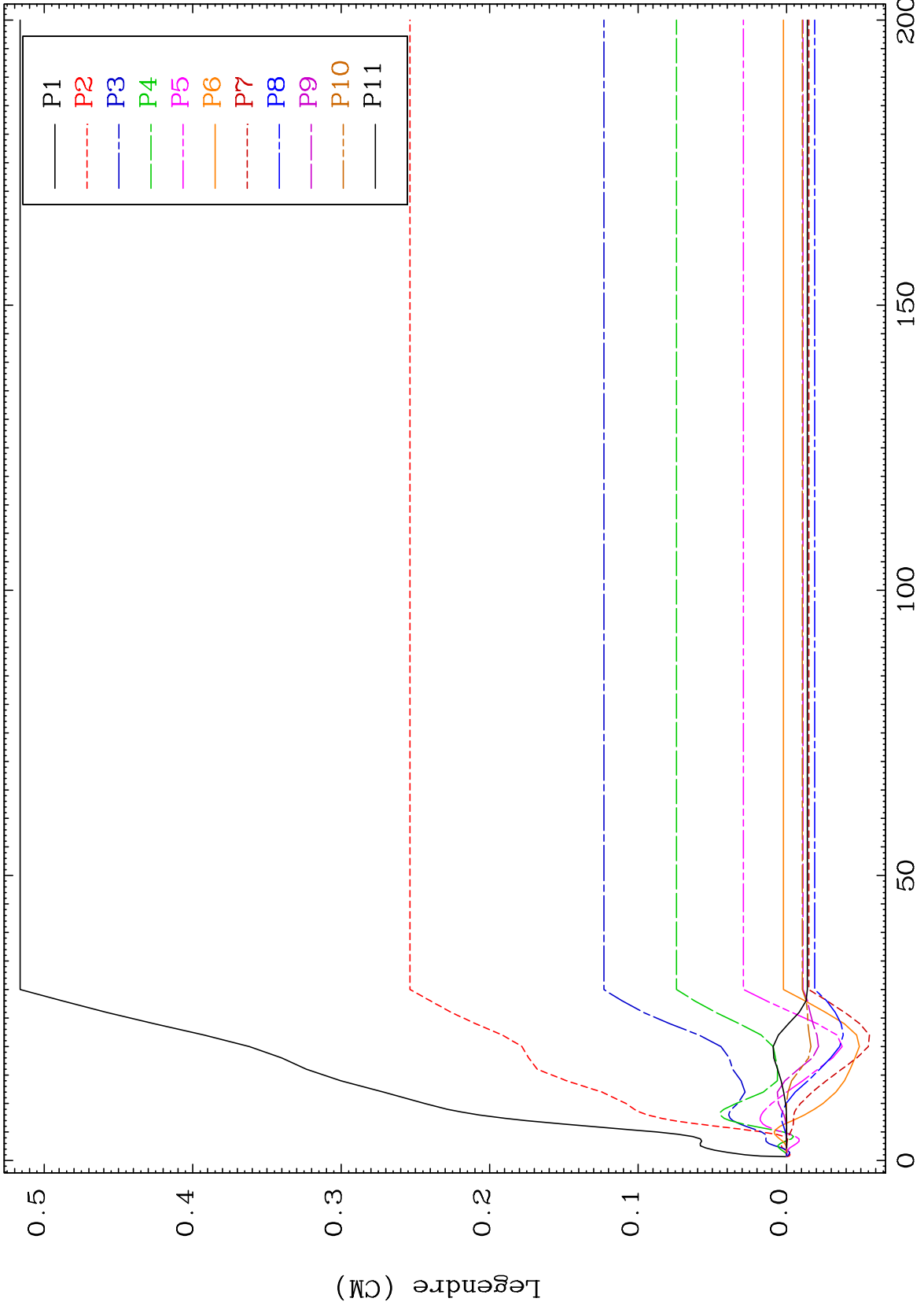
30-Zn-63



33

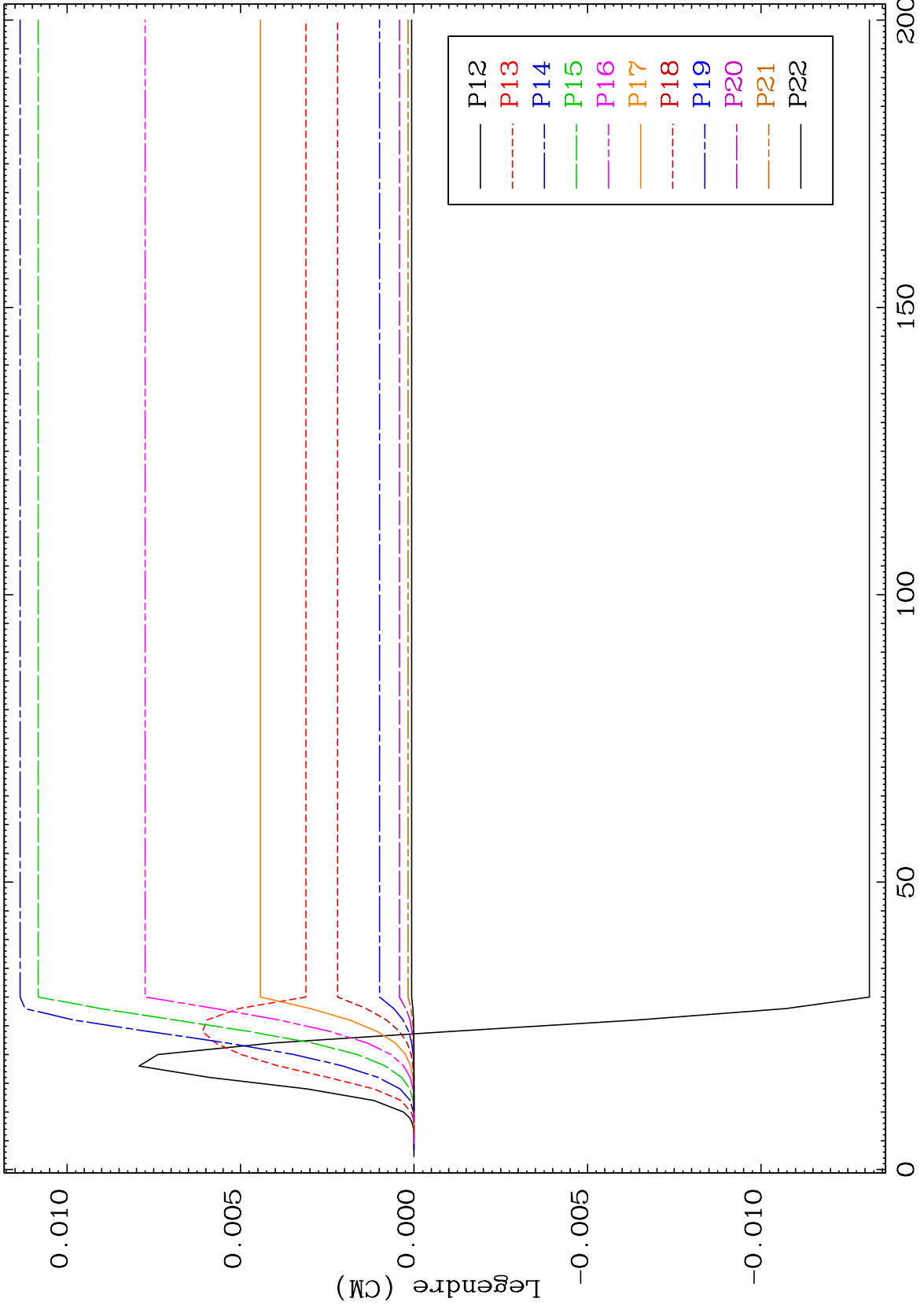
30-Zn-63

MAT 3022 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-63



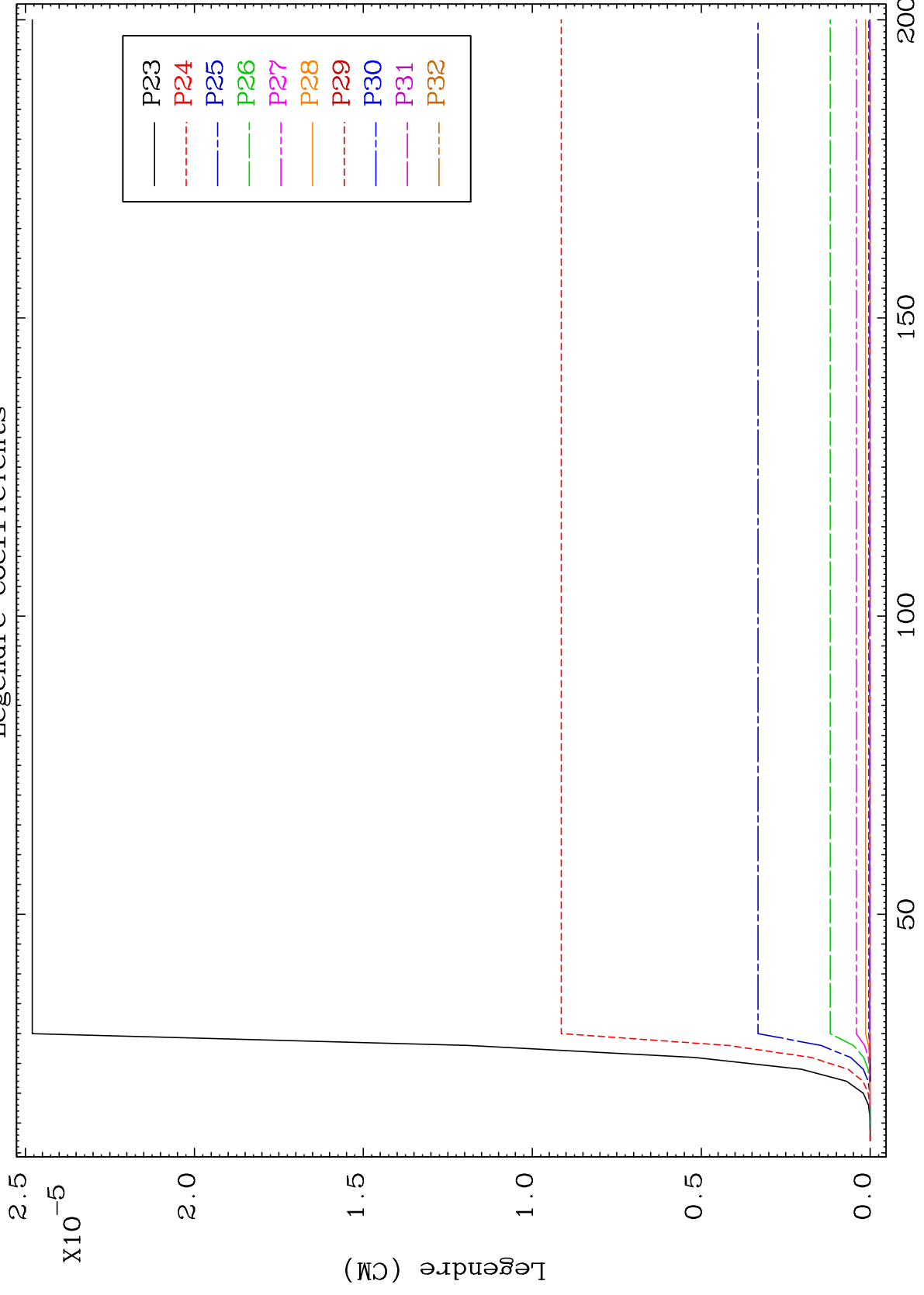
34 30-Zn-63

MAT 3022 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-63

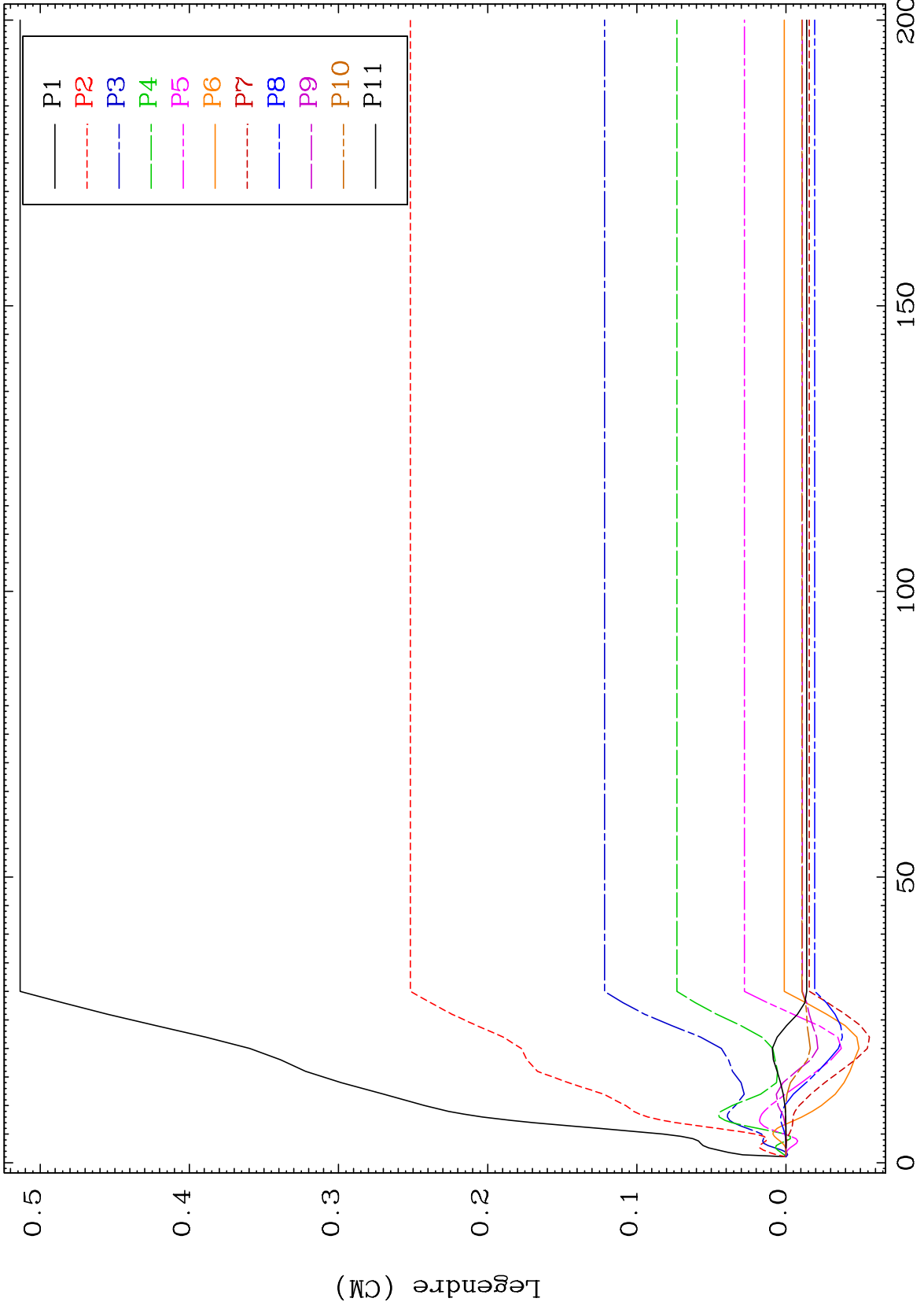


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MAT 3022 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-63

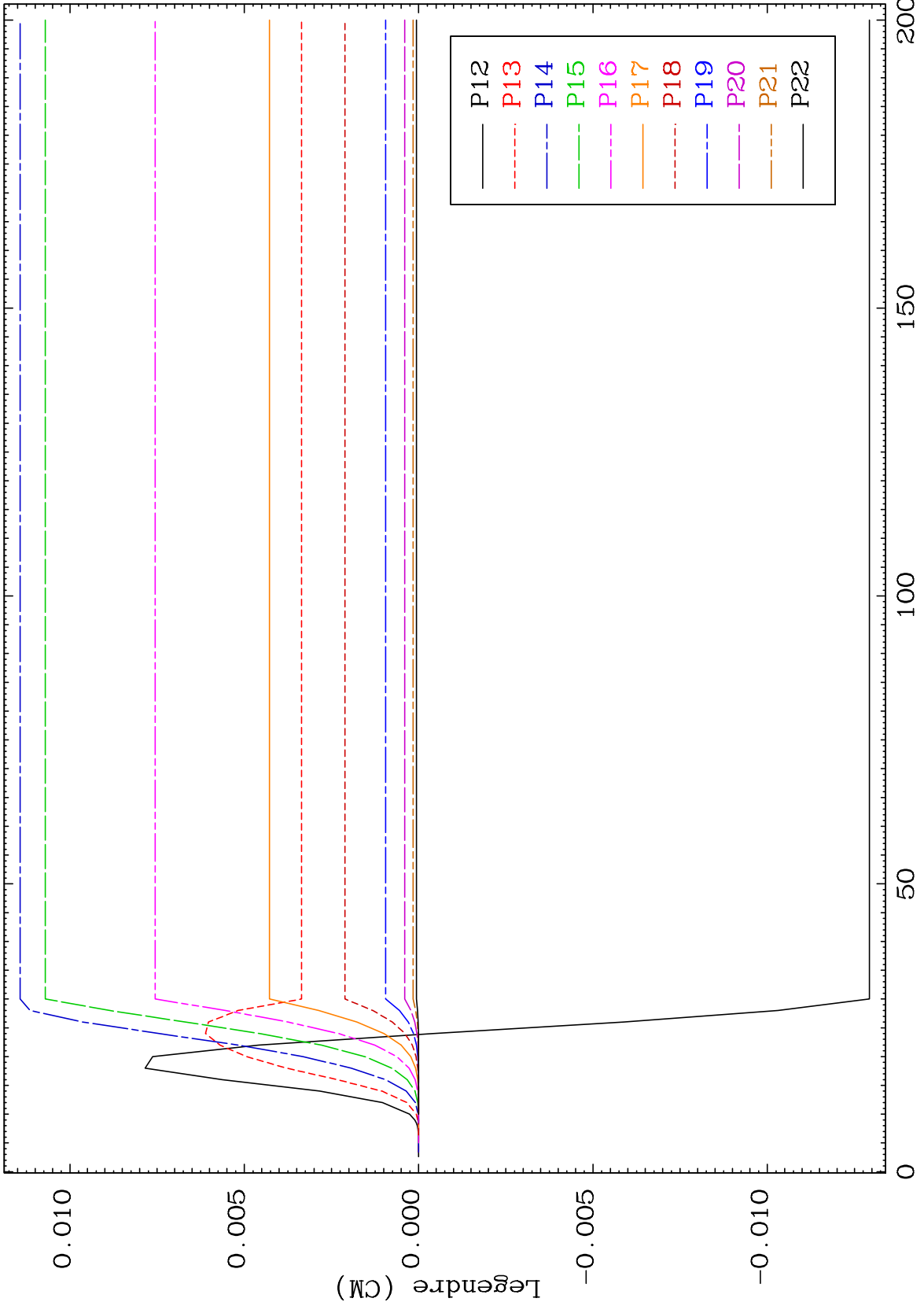


MAT 3022 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-63



37 30-Zn-63

MAT 3022 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-63

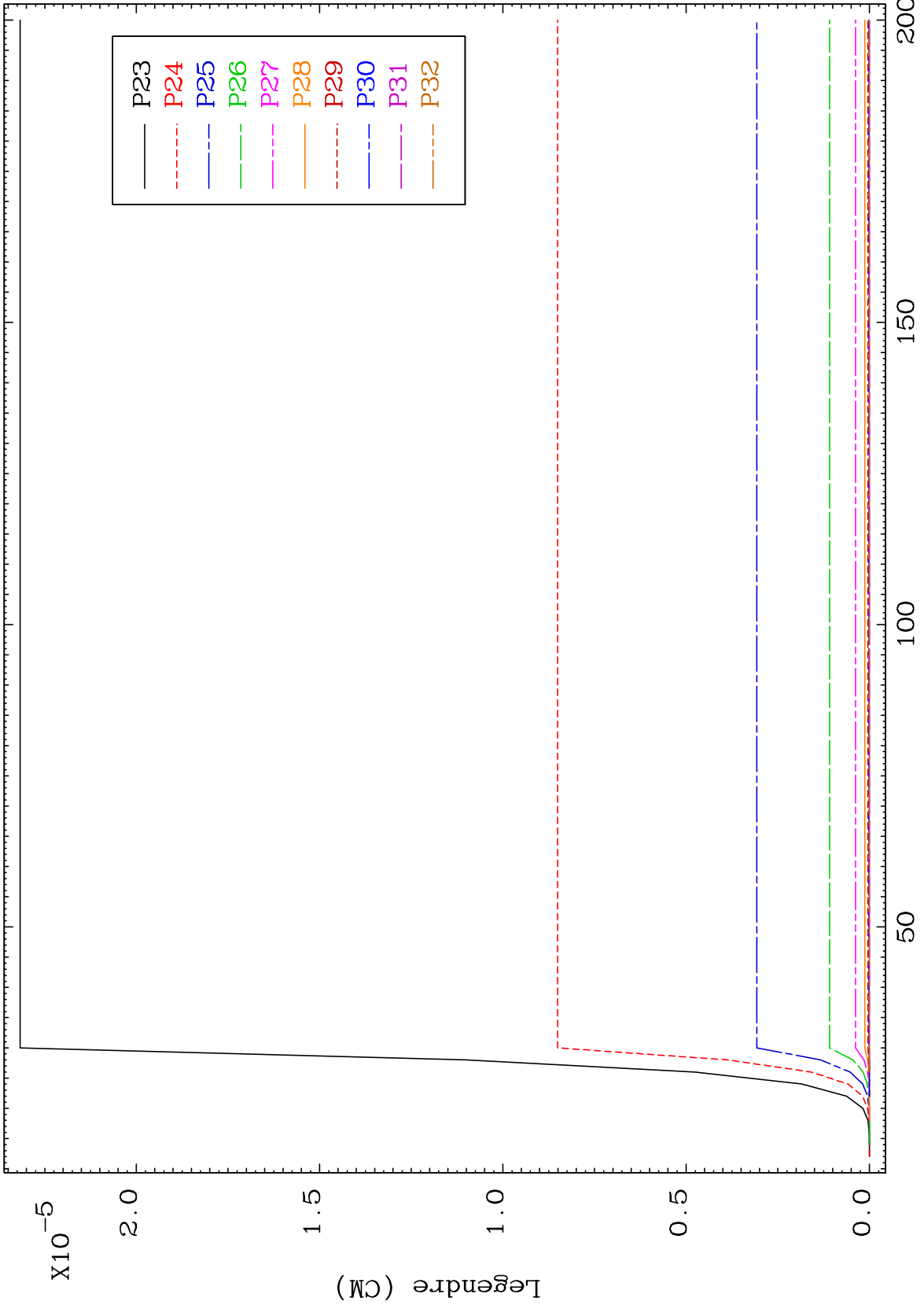


38 30-Zn-63

MAT 3022

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

30-Zn-63



39

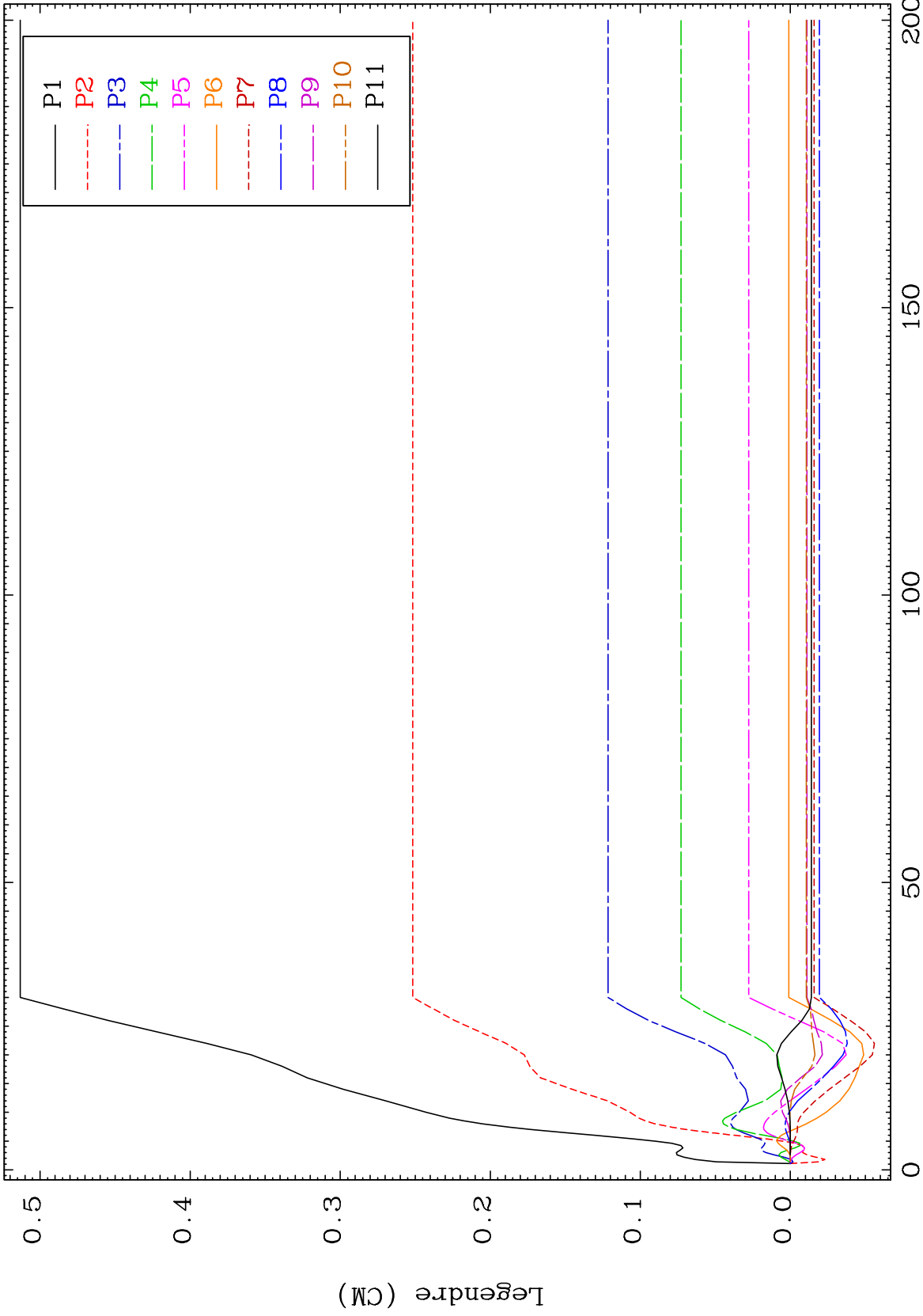
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63

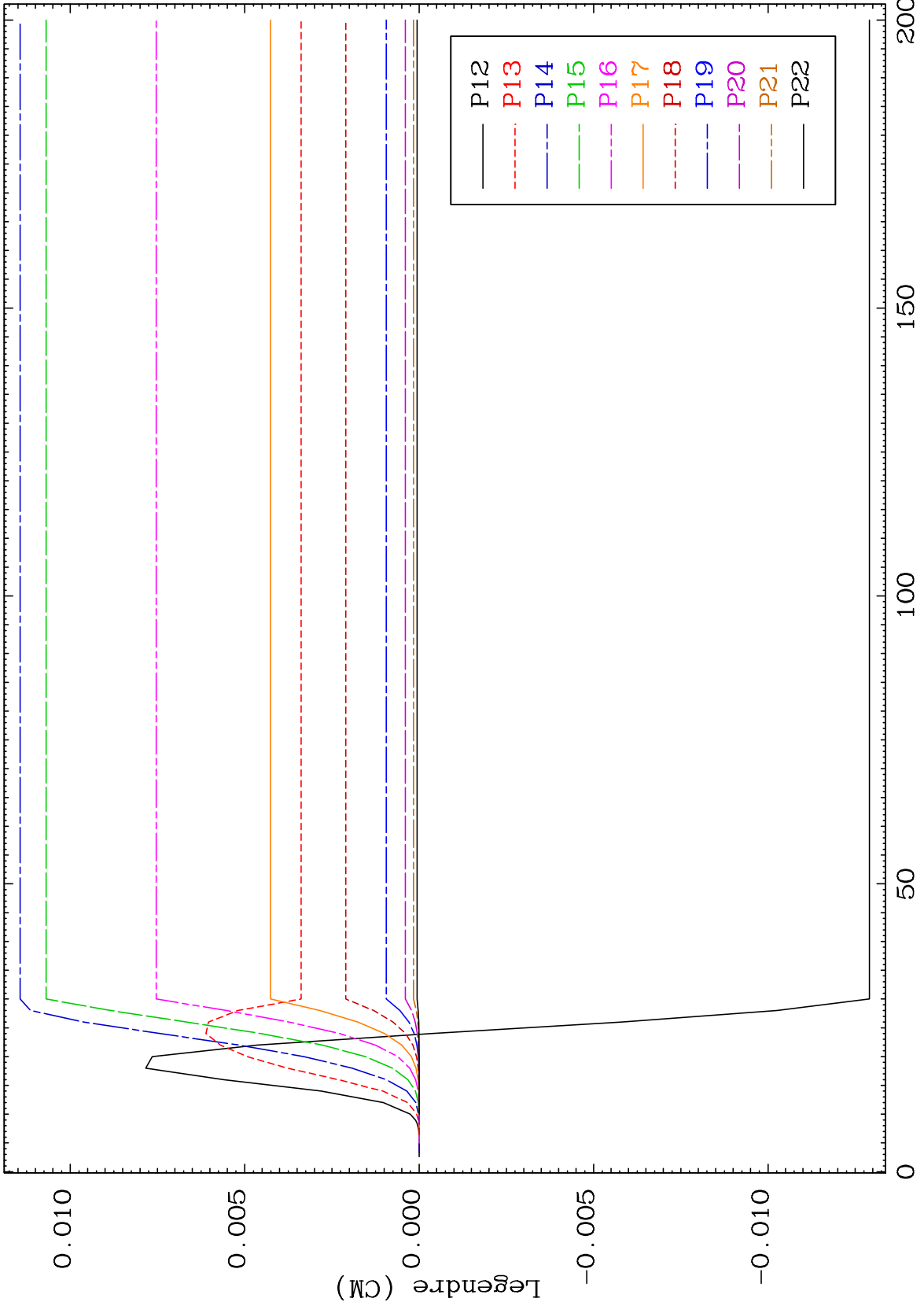


30-Zn-63

Incident Energy (MeV)

Legendre (CM)

MAT 3022 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-63

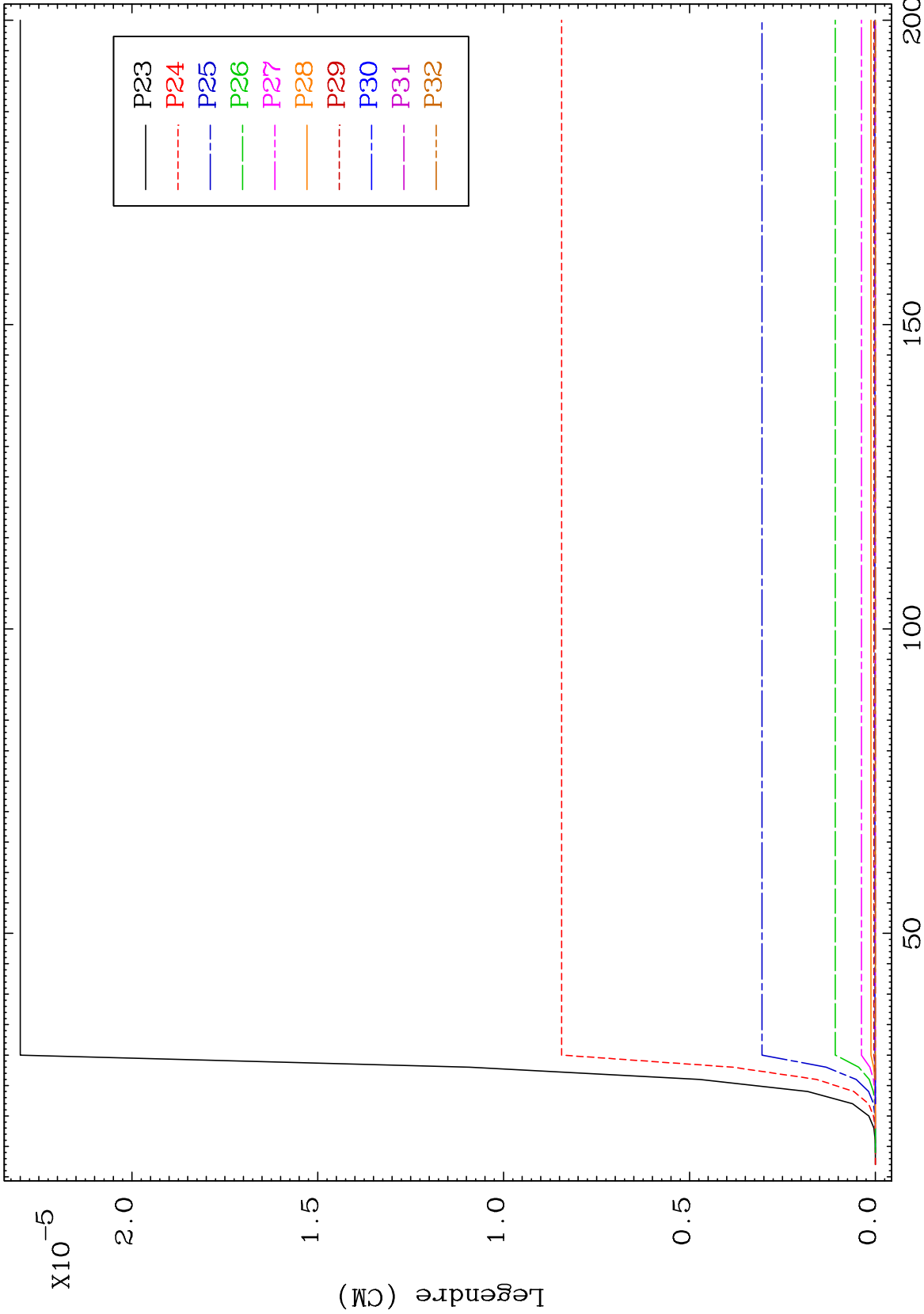


41 30-Zn-63 Incident Energy (MeV)

MAT 3022

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

30-Zn-63



42

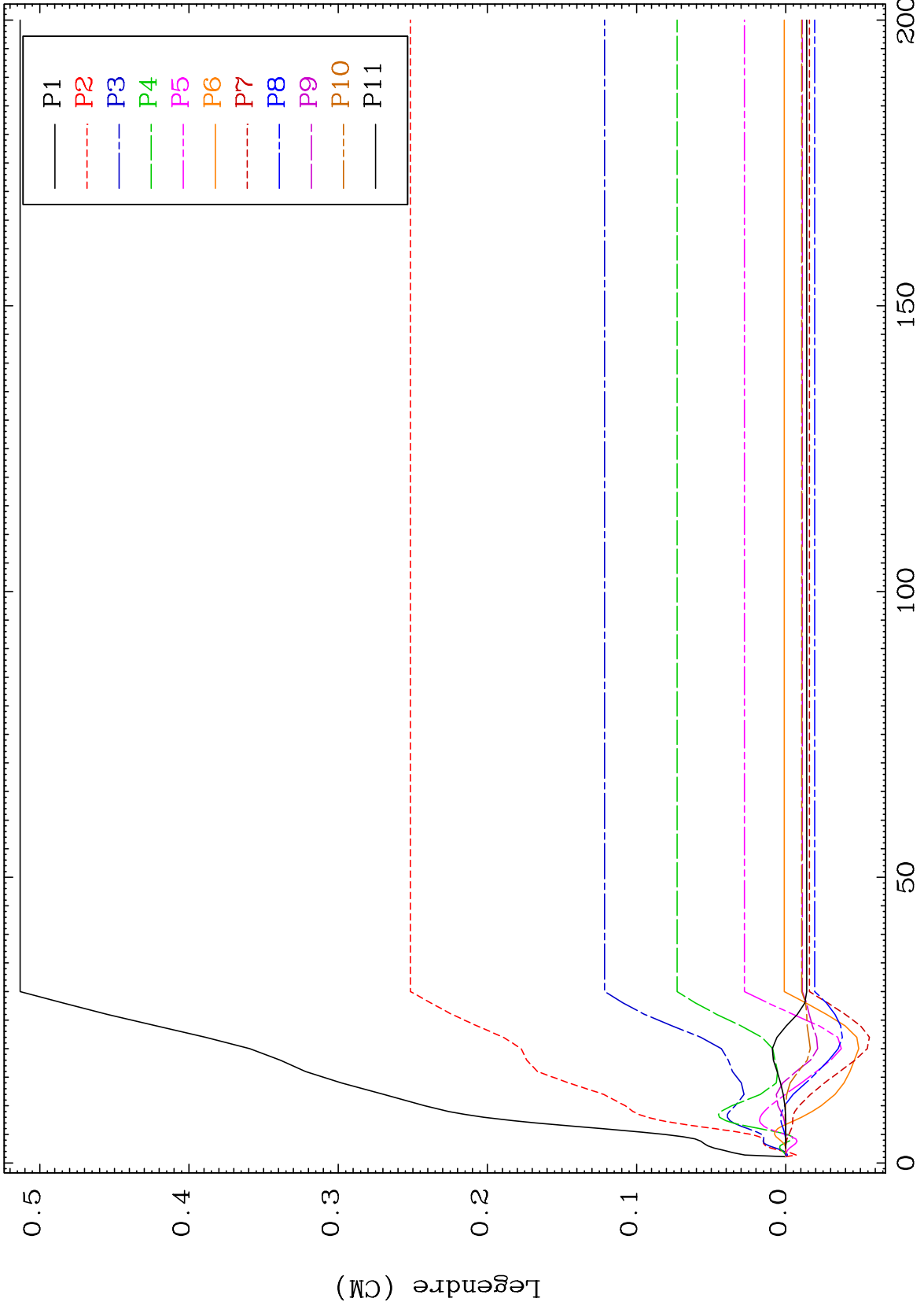
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63

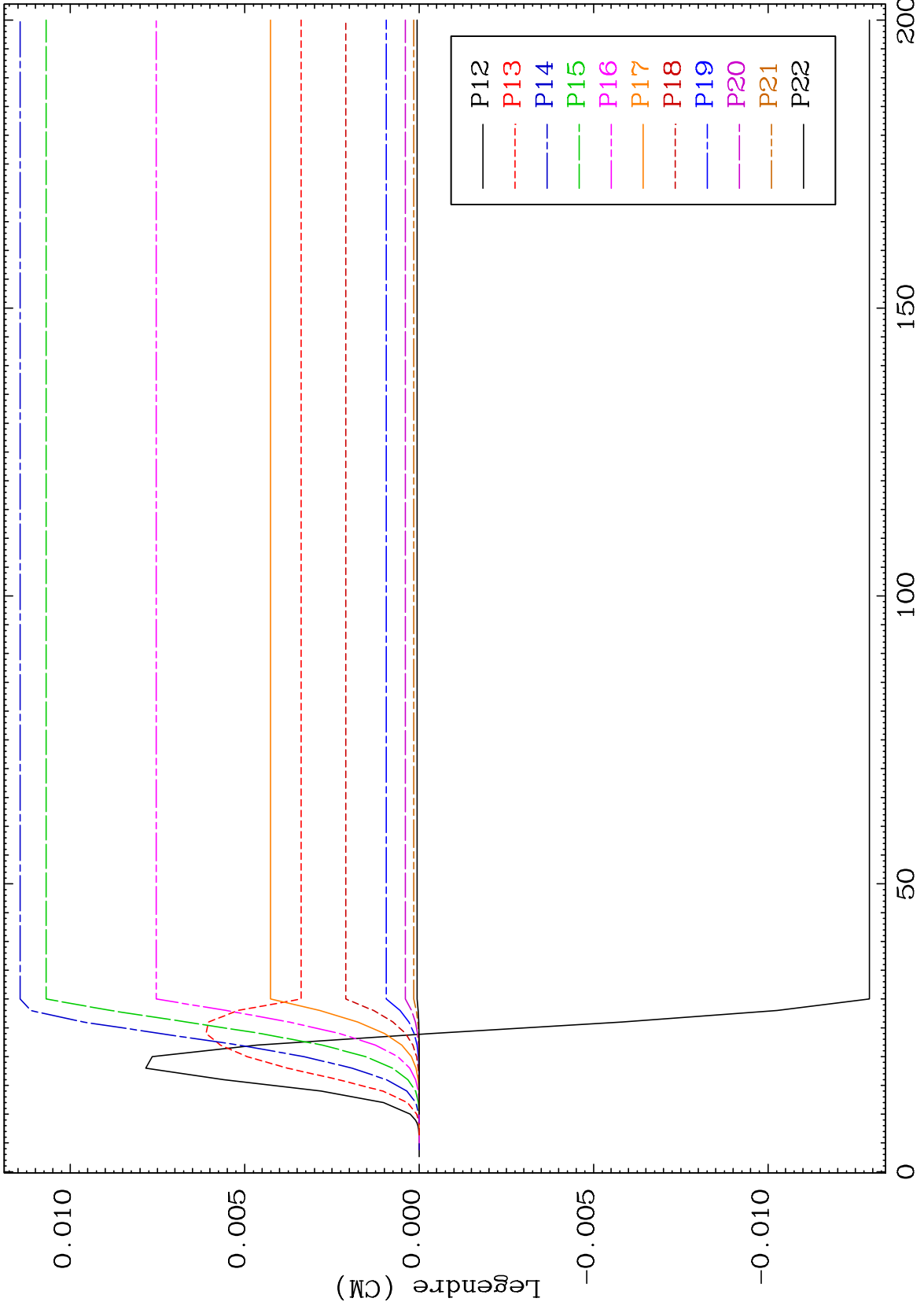


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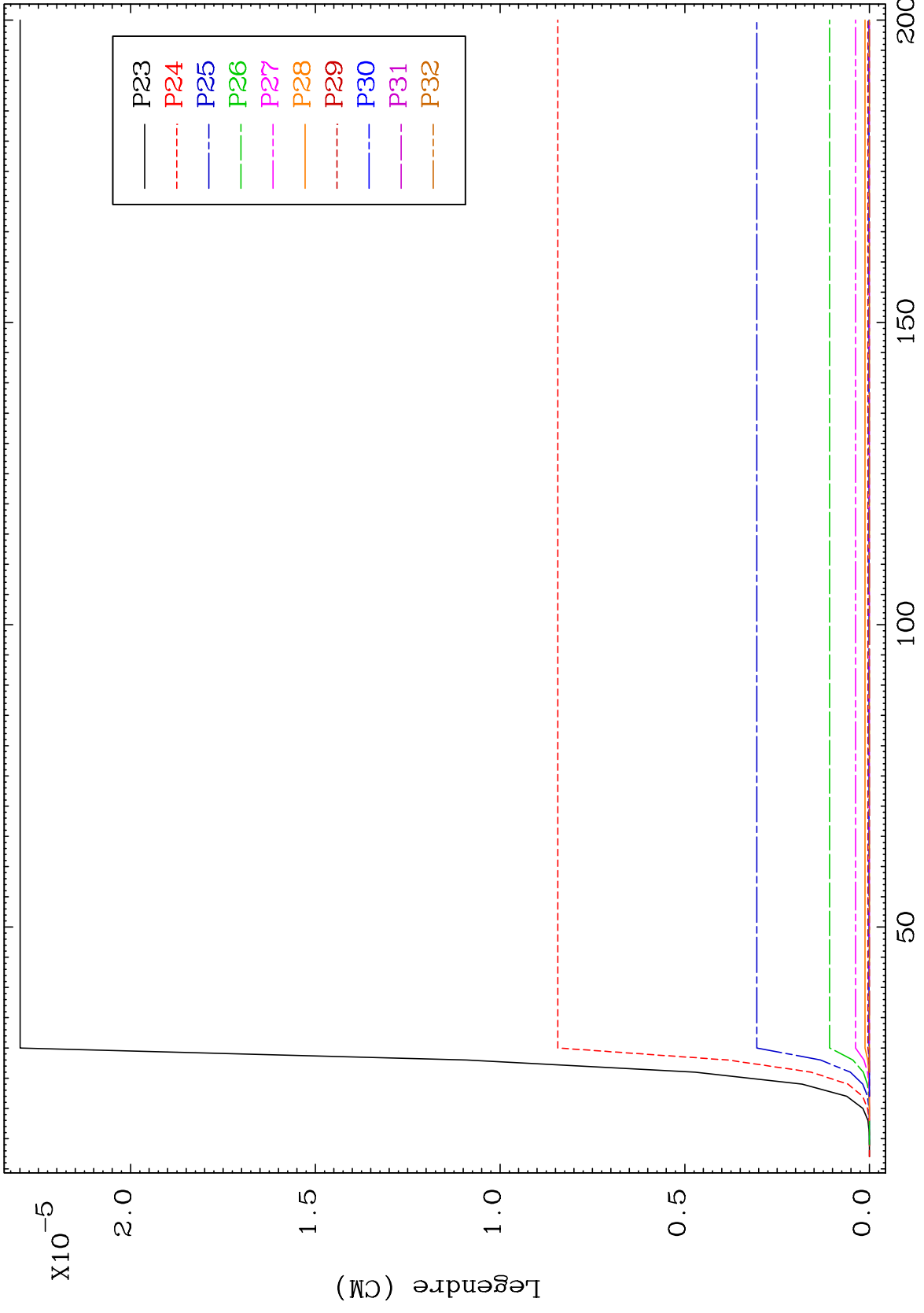
Incident Energy (MeV)

30-Zn-63

MAT 3022 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-63

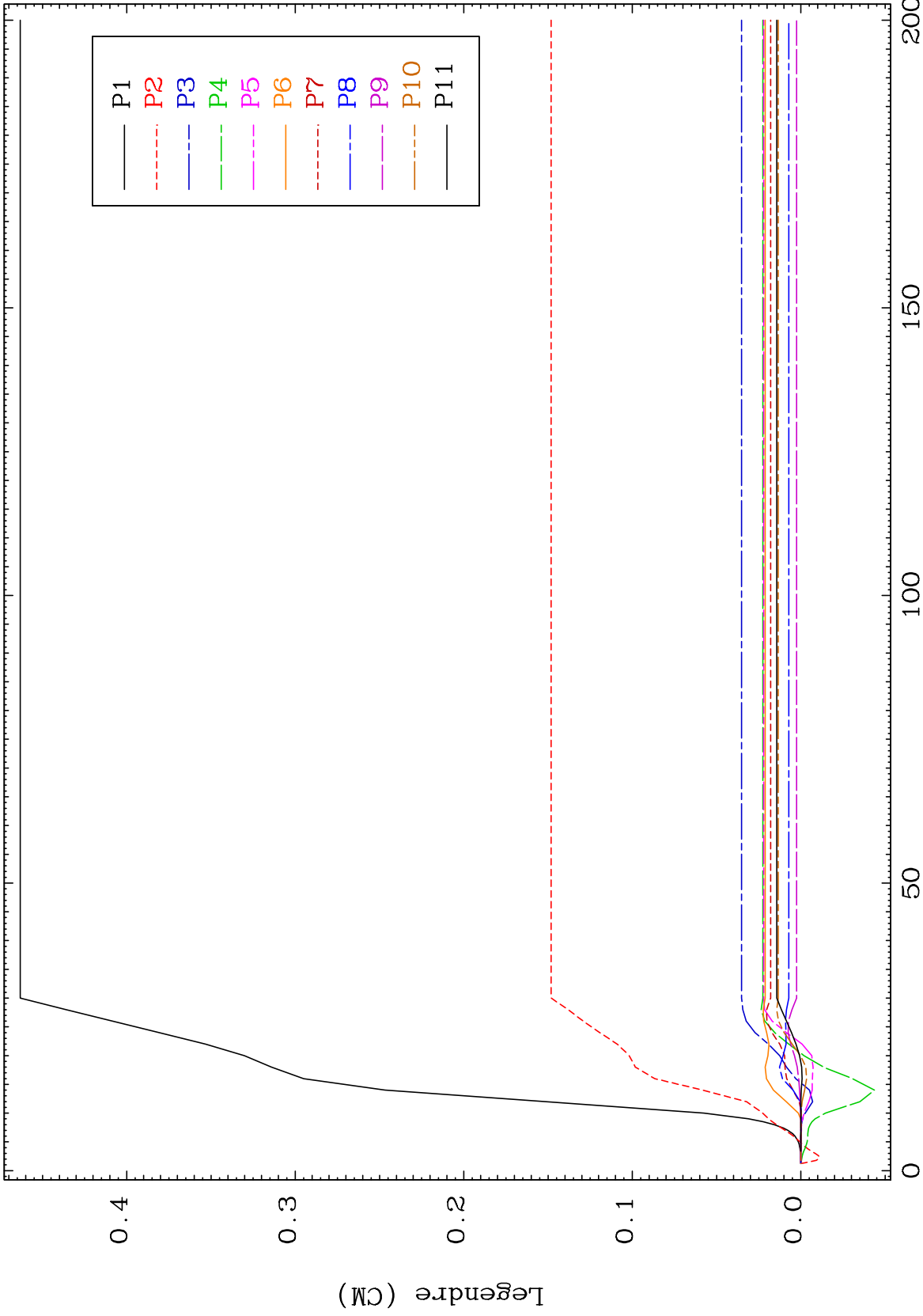


Legendre (CM) Incident Energy (MeV) 30-Zn-63

MAT 3022

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

30-Zn-63



46

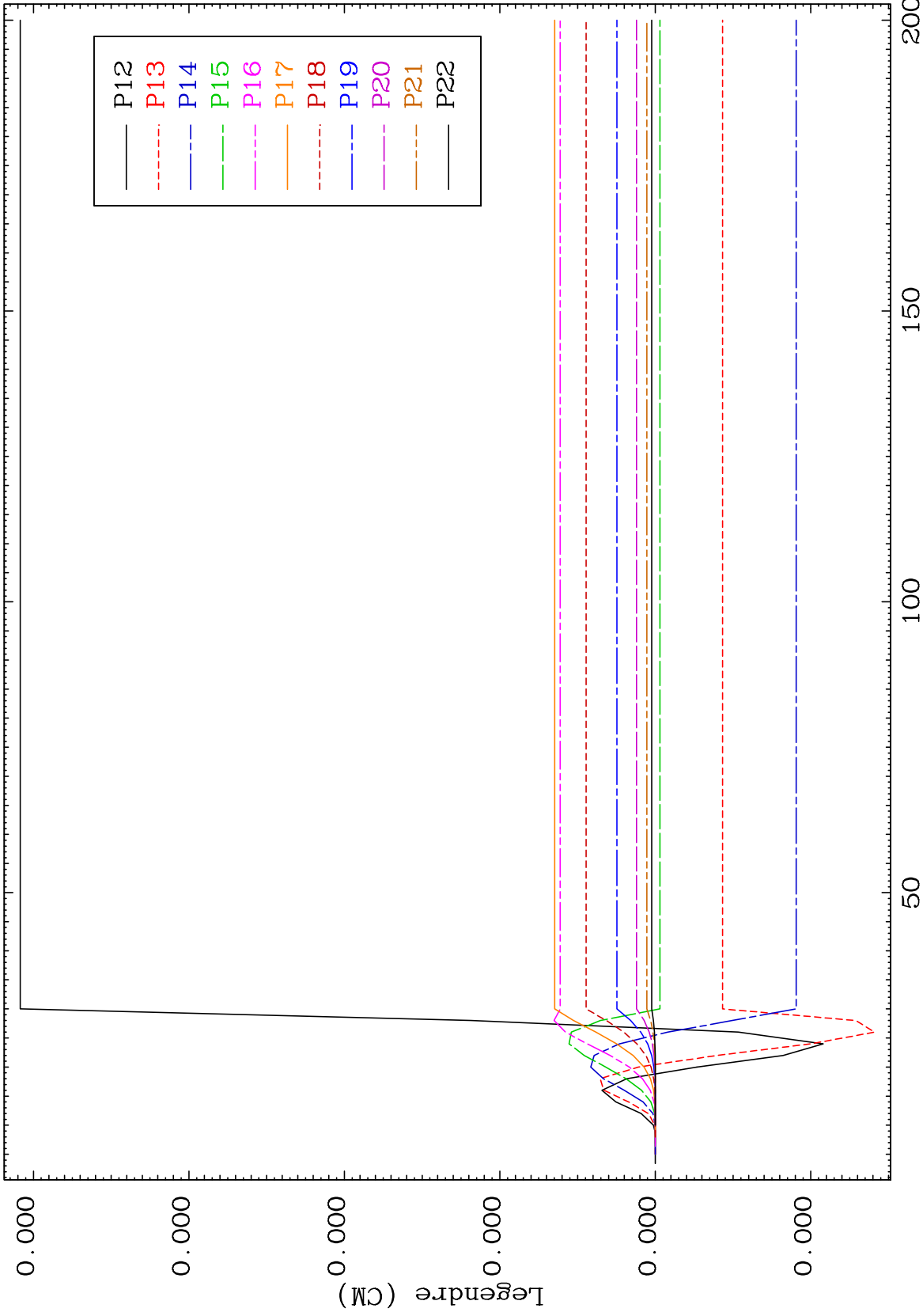
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63

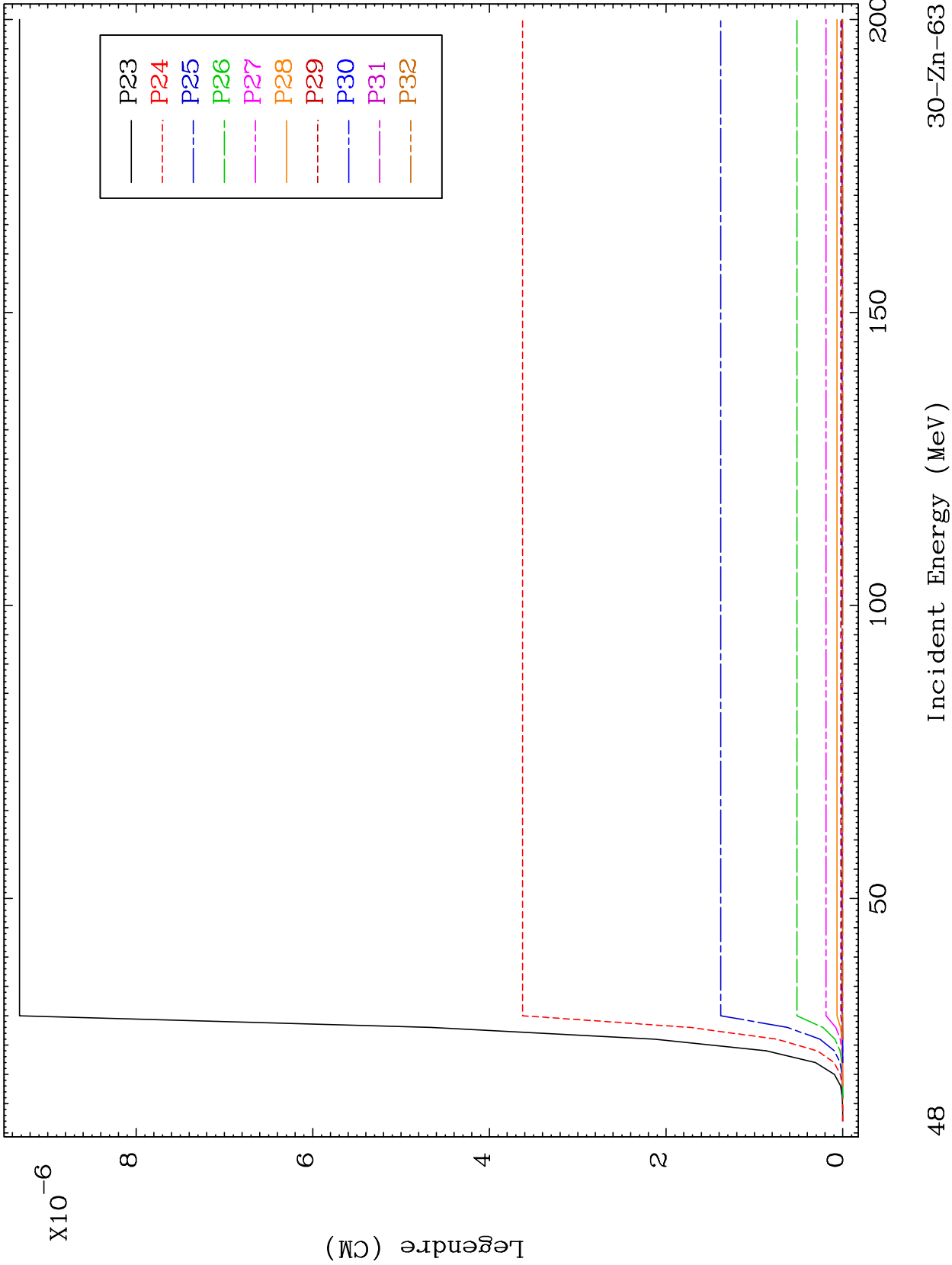


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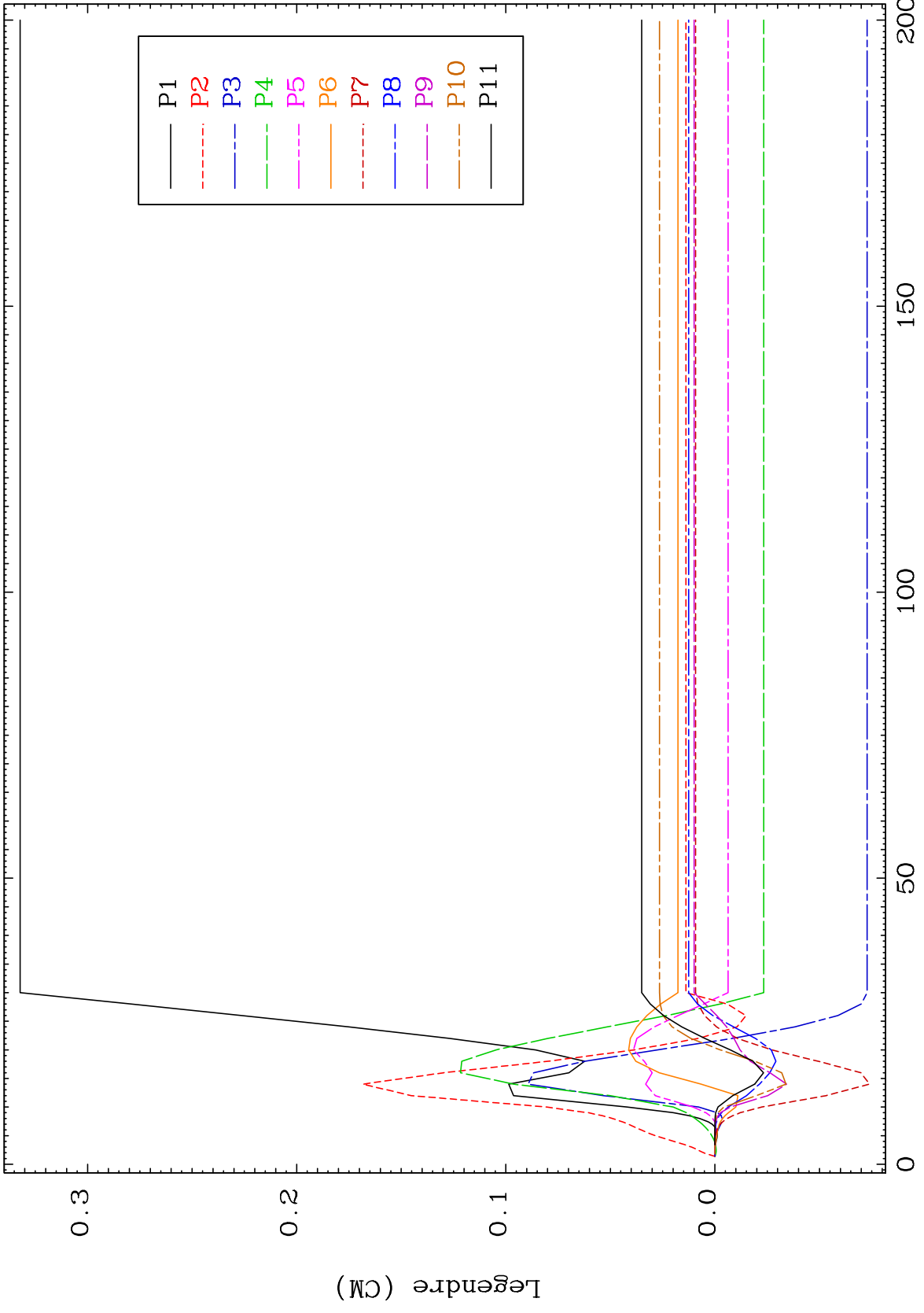
Incident Energy (MeV)

30-Zn-63

MAT 3022 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-63

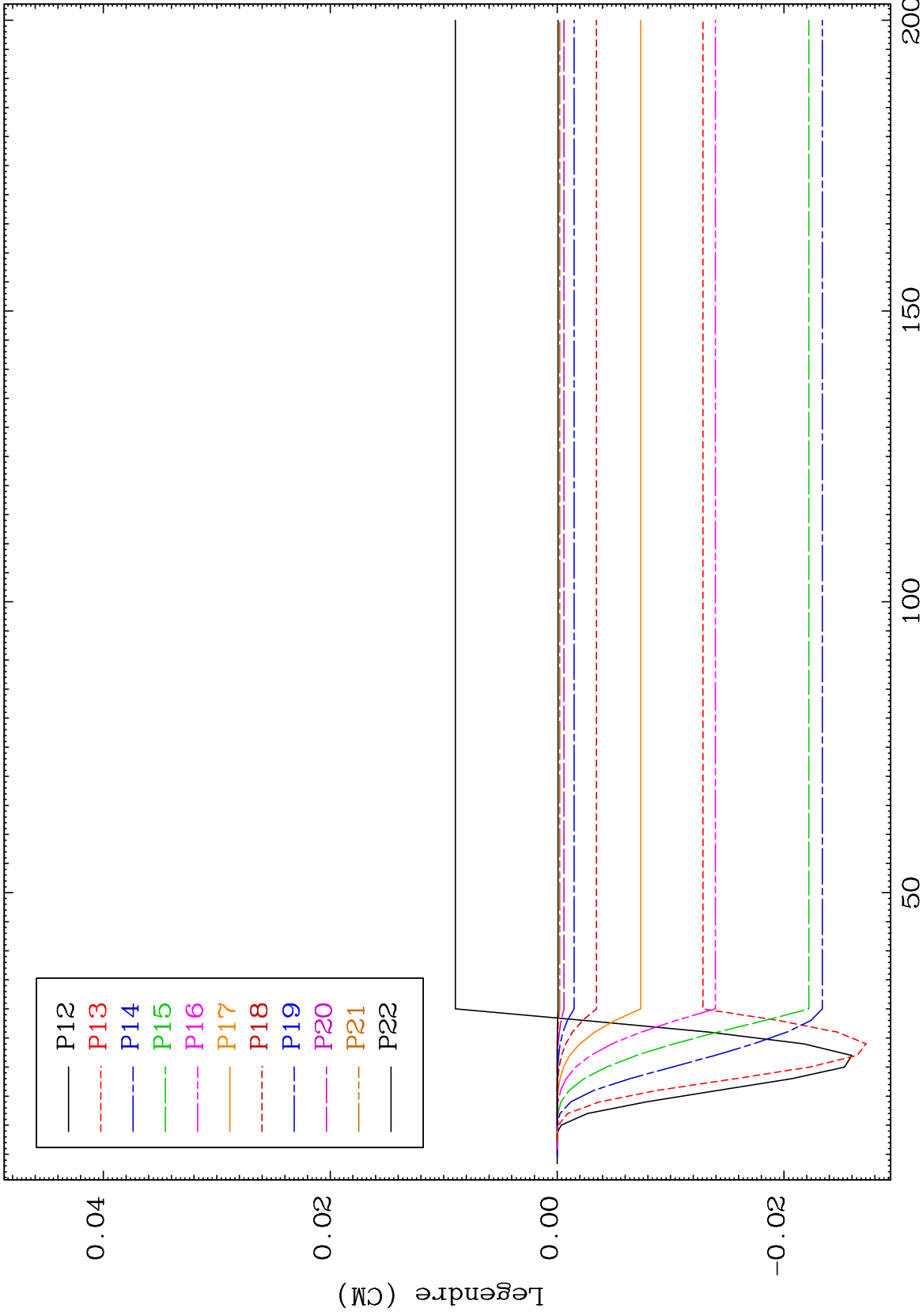


49 Incident Energy (MeV) 30-Zn-63

MAT 3022

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

30-Zn-63



50

50

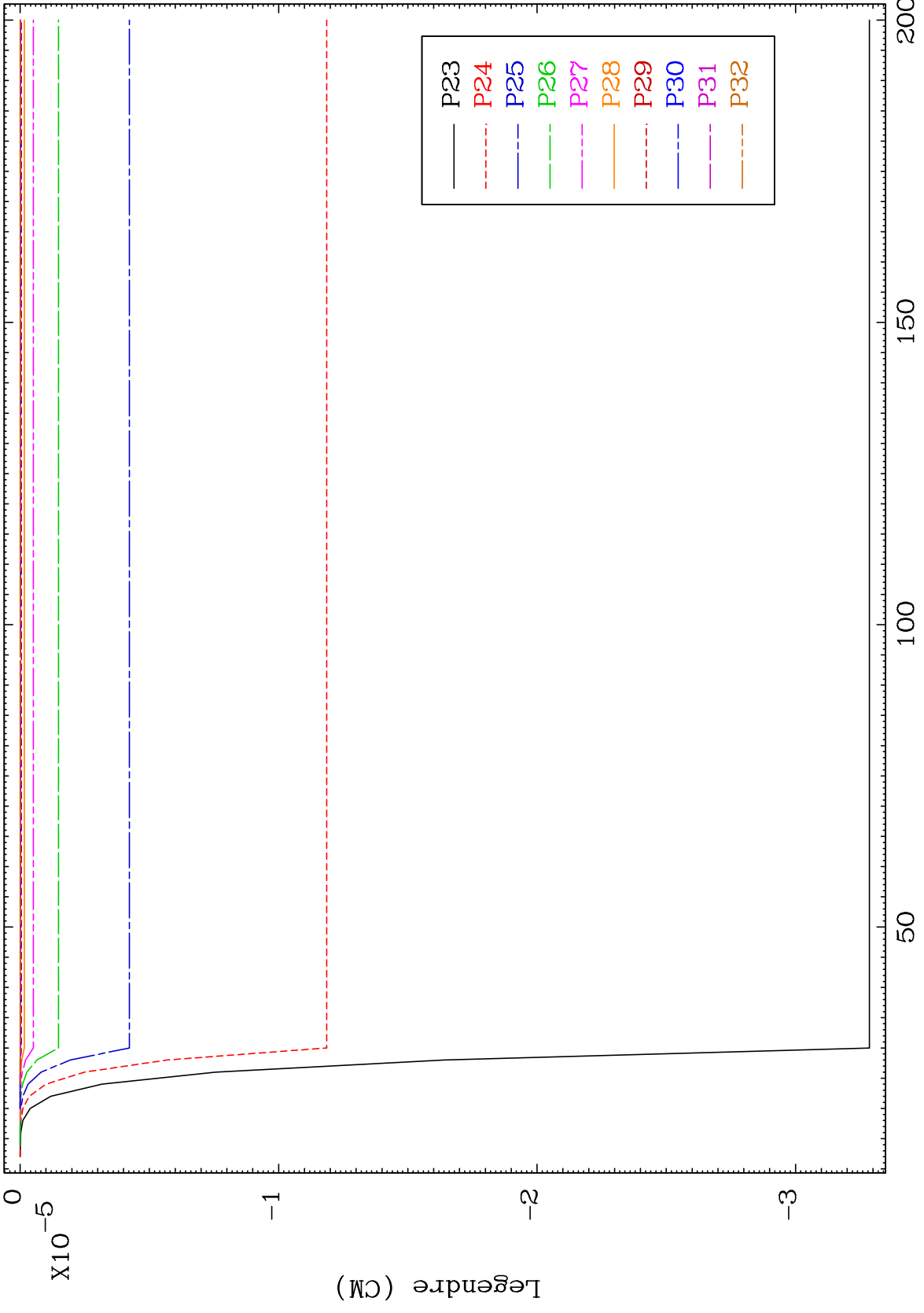
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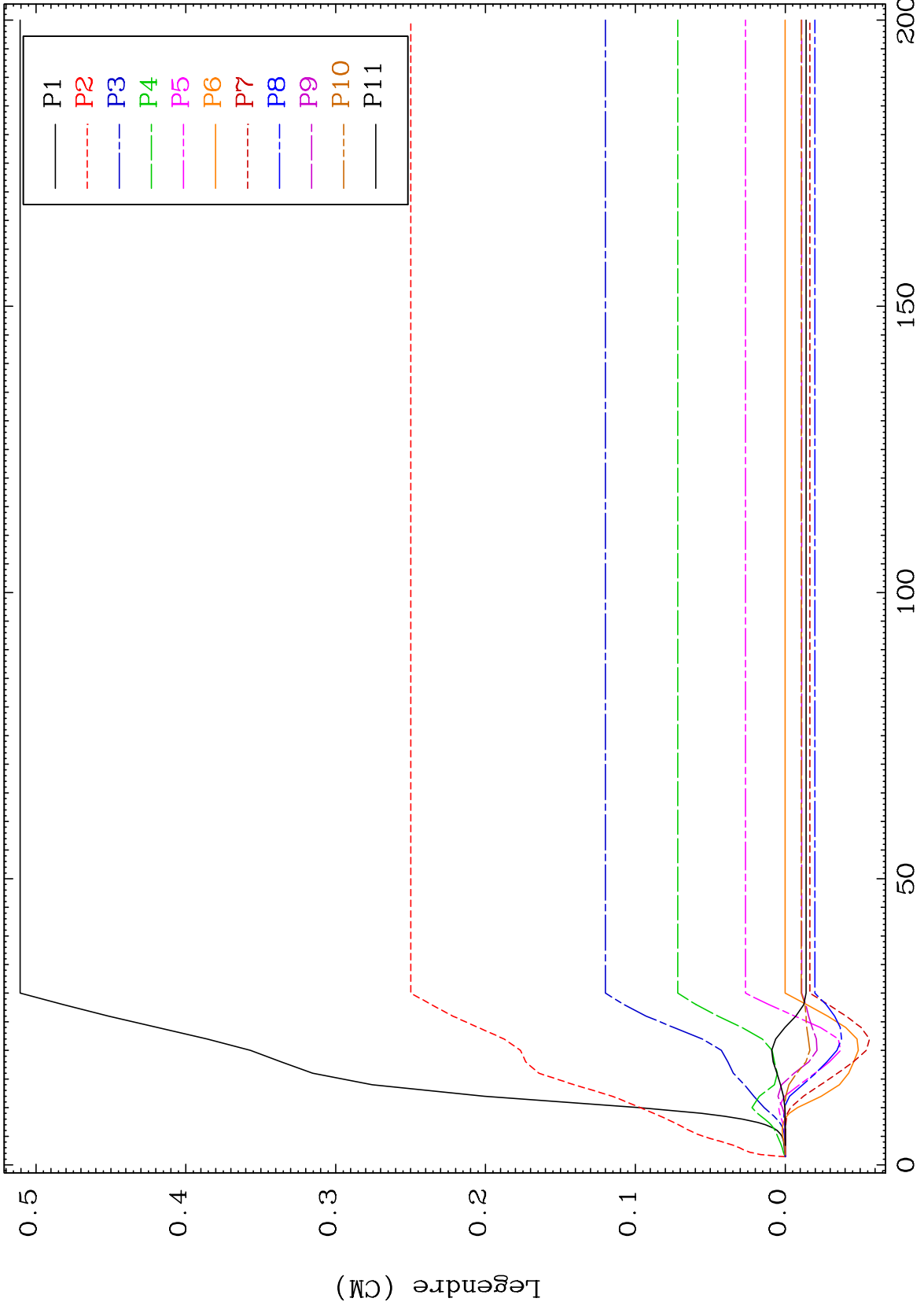
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30-Zn-63

MAT 3022 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-63

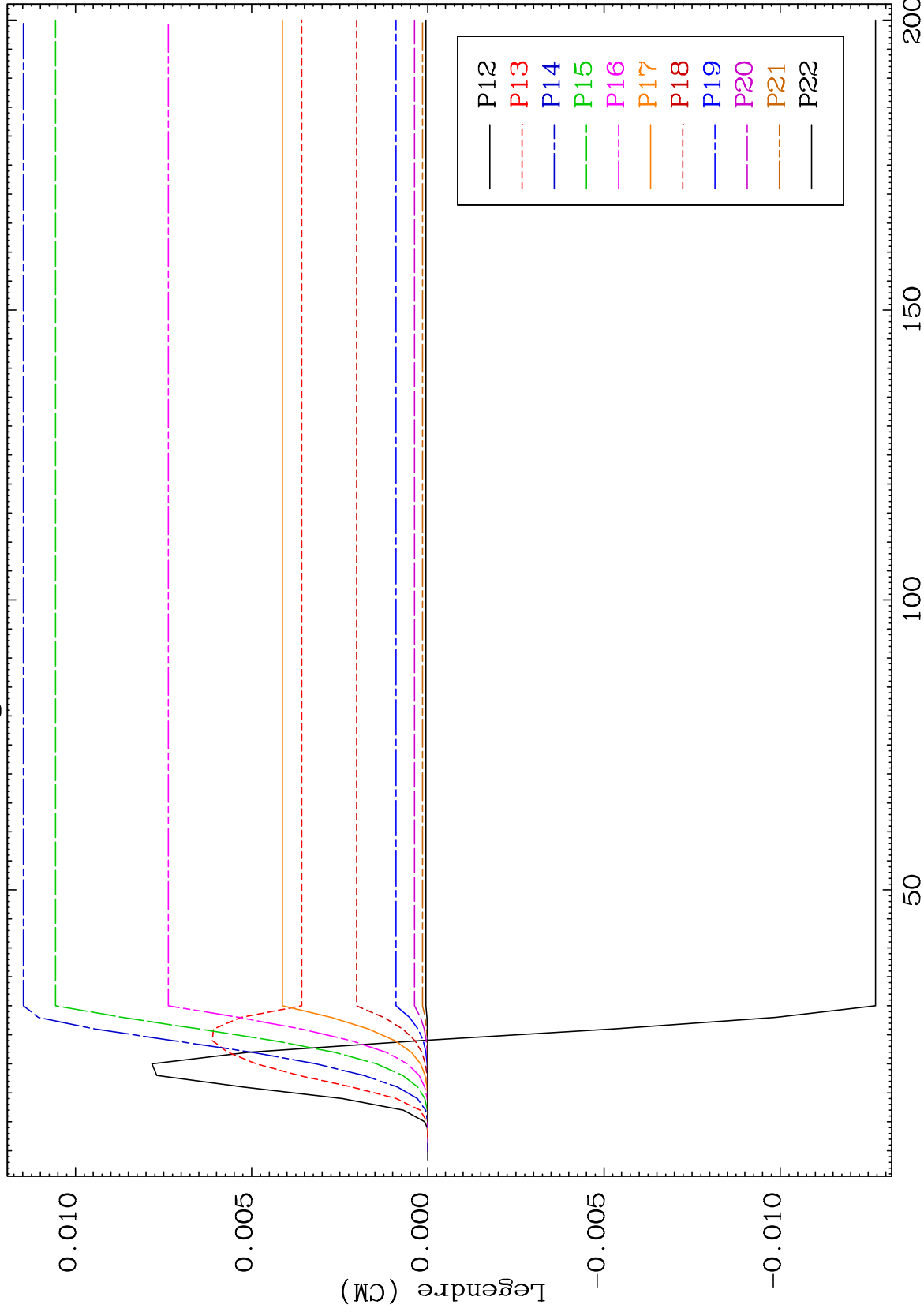


52 30-Zn-63

MAT 3022

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

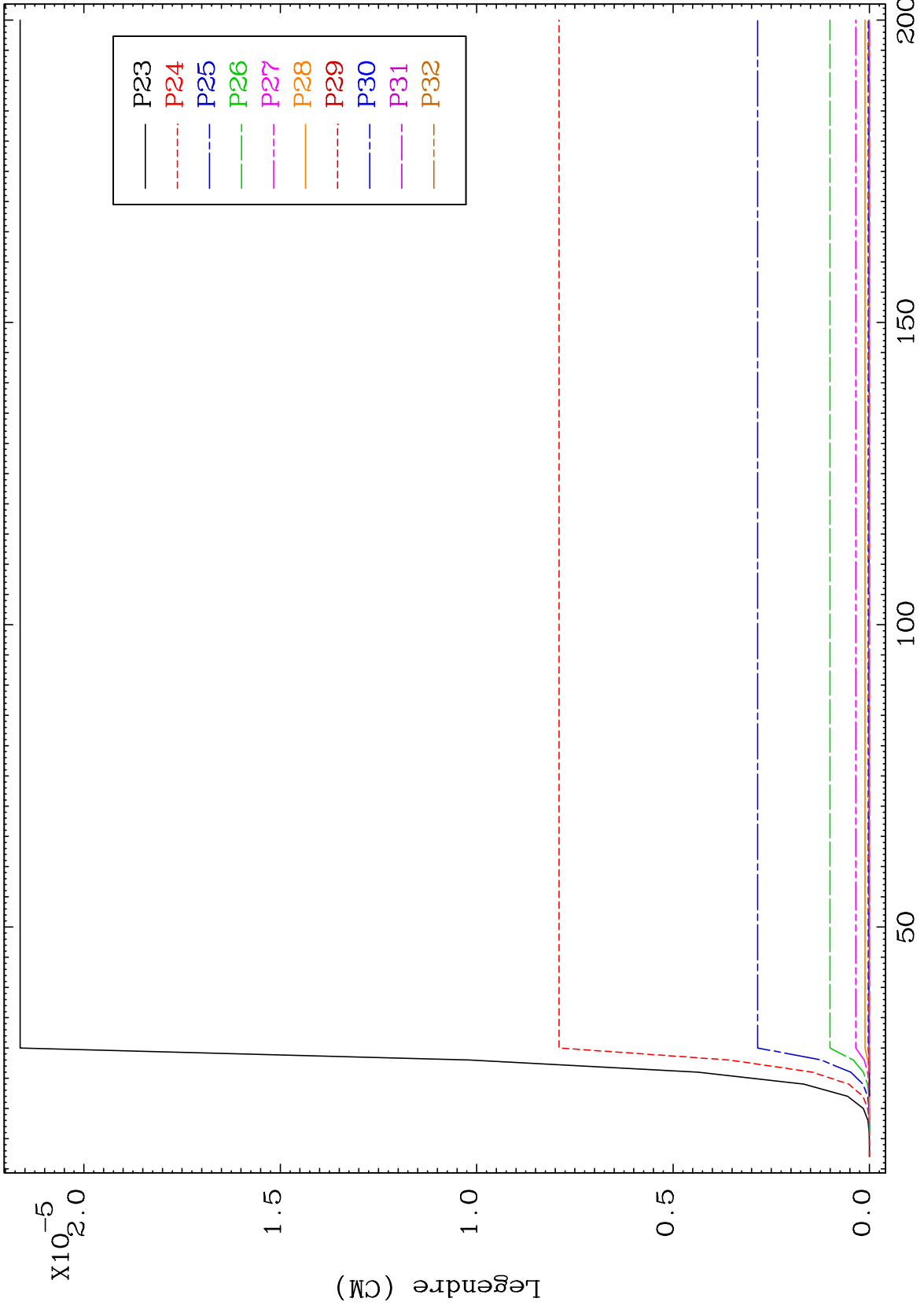
30-Zn-63



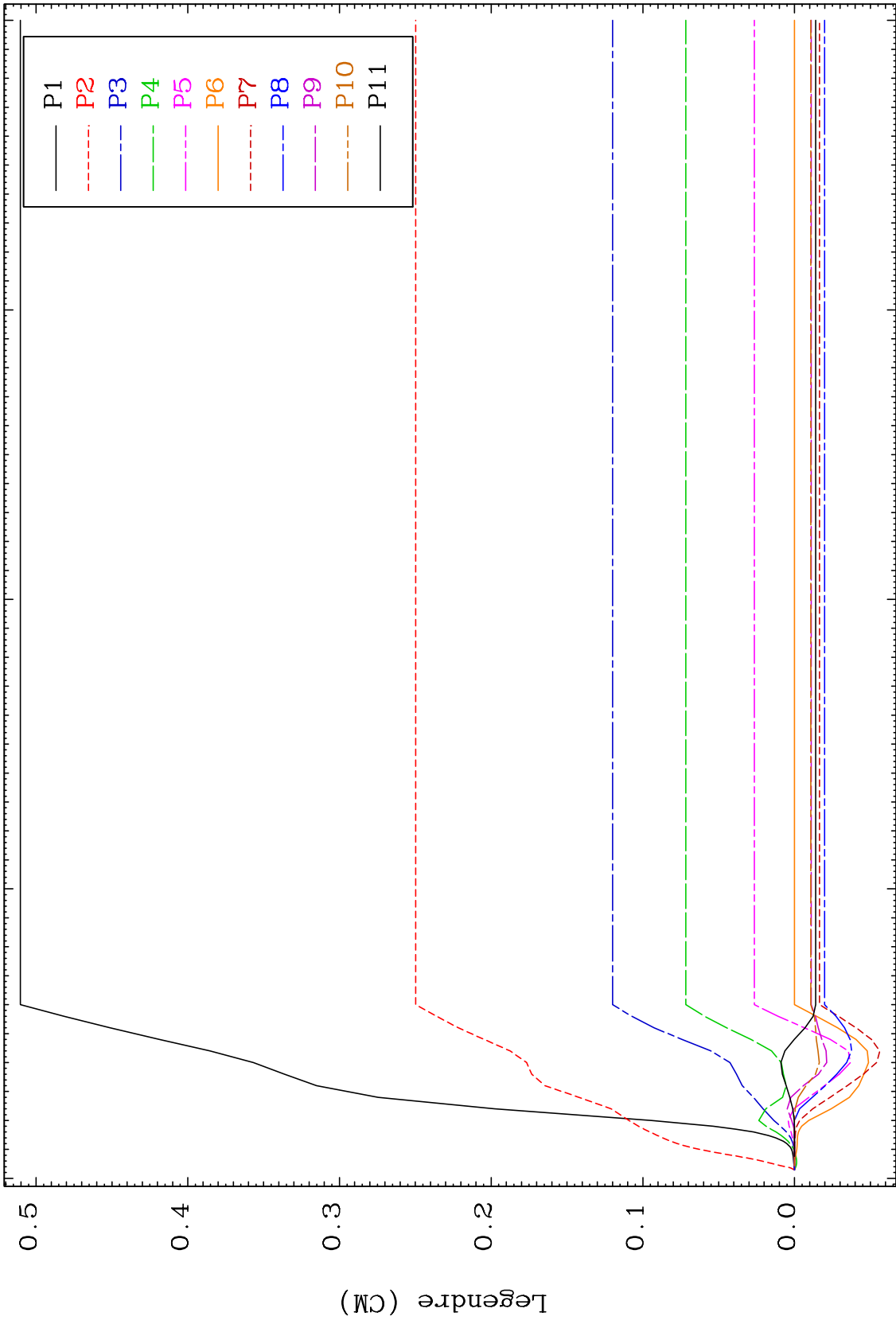
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Incident Energy (MeV)

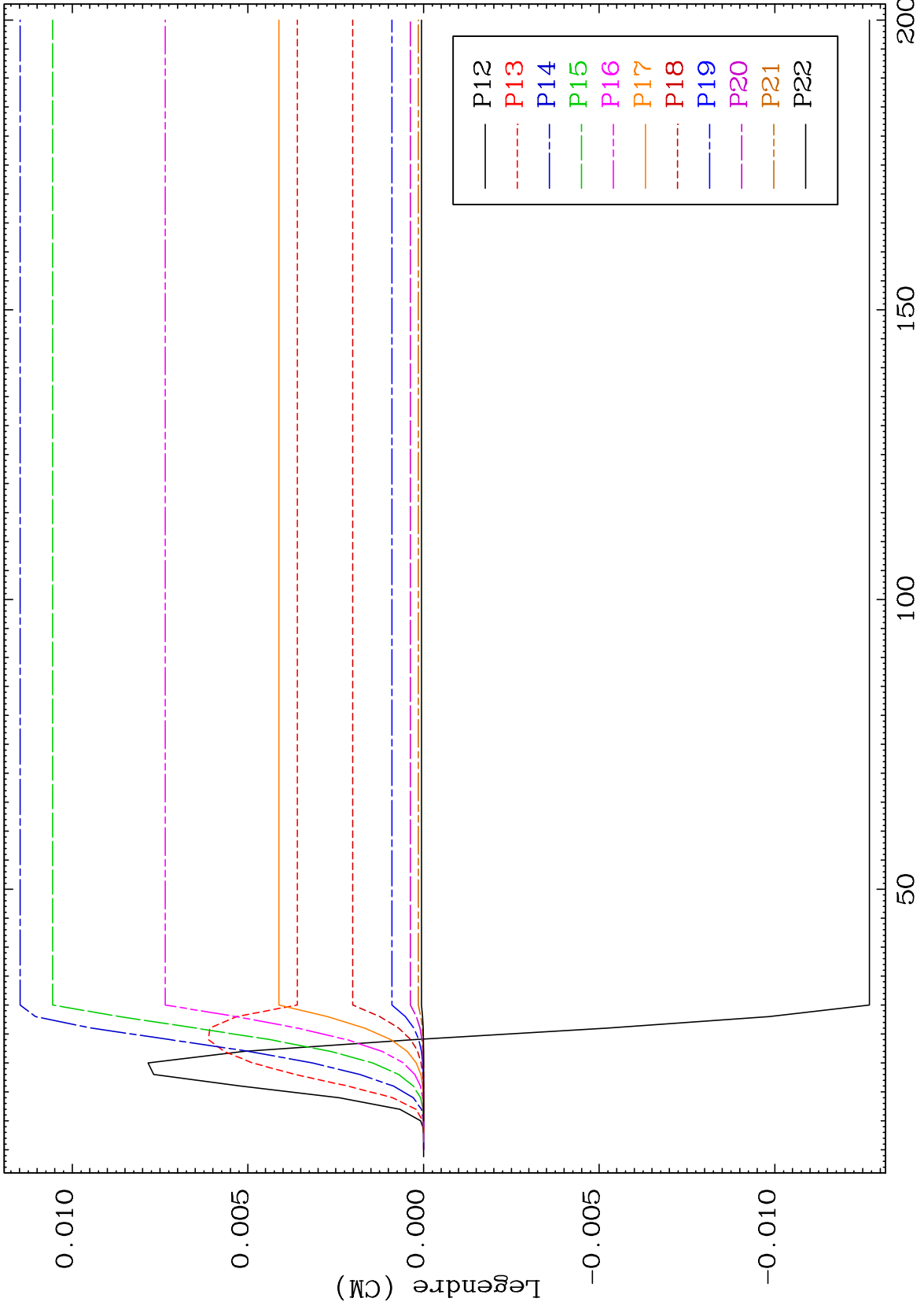
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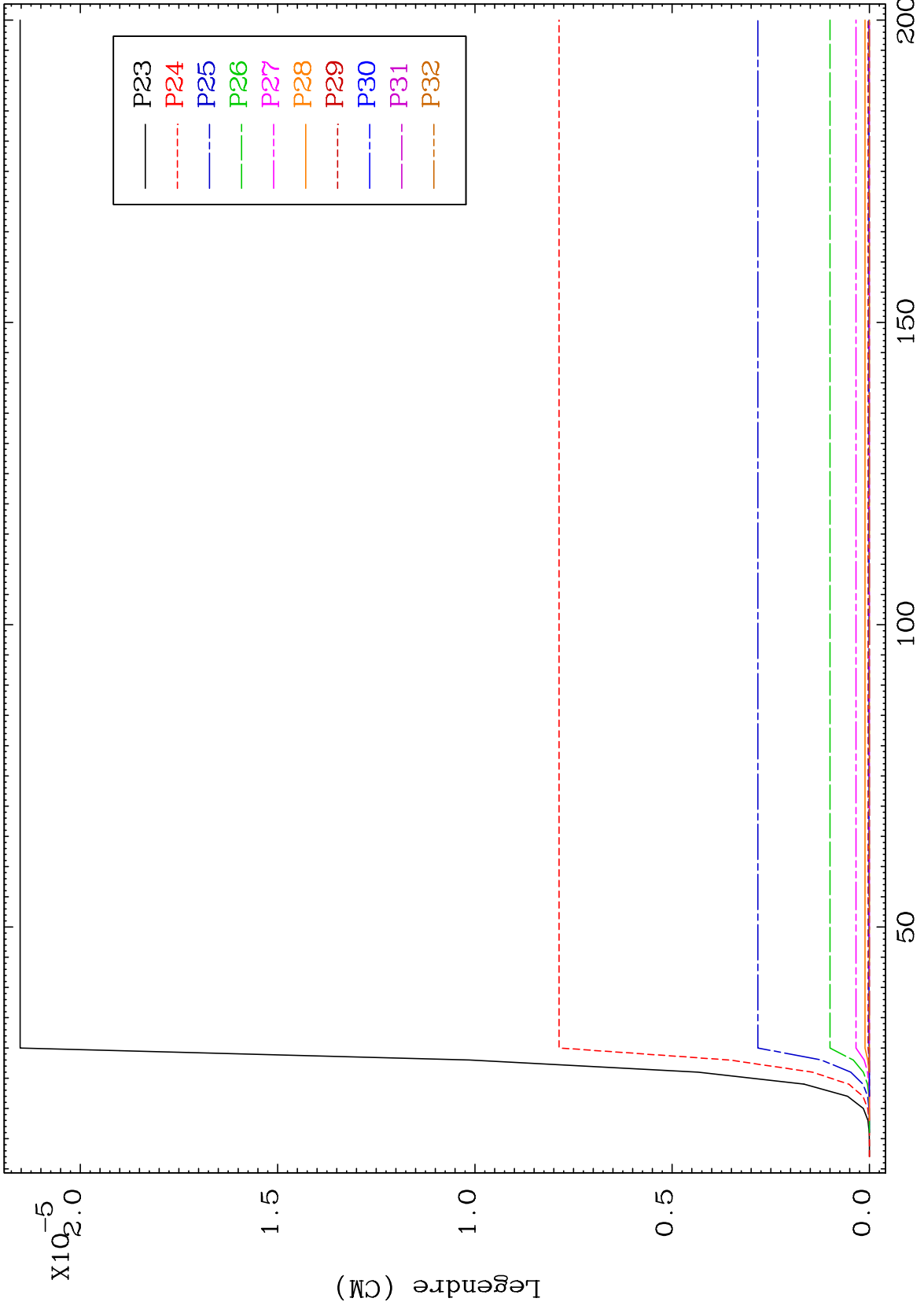
MAT 3022 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-63



Incident Energy (MeV) 30-Zn-63



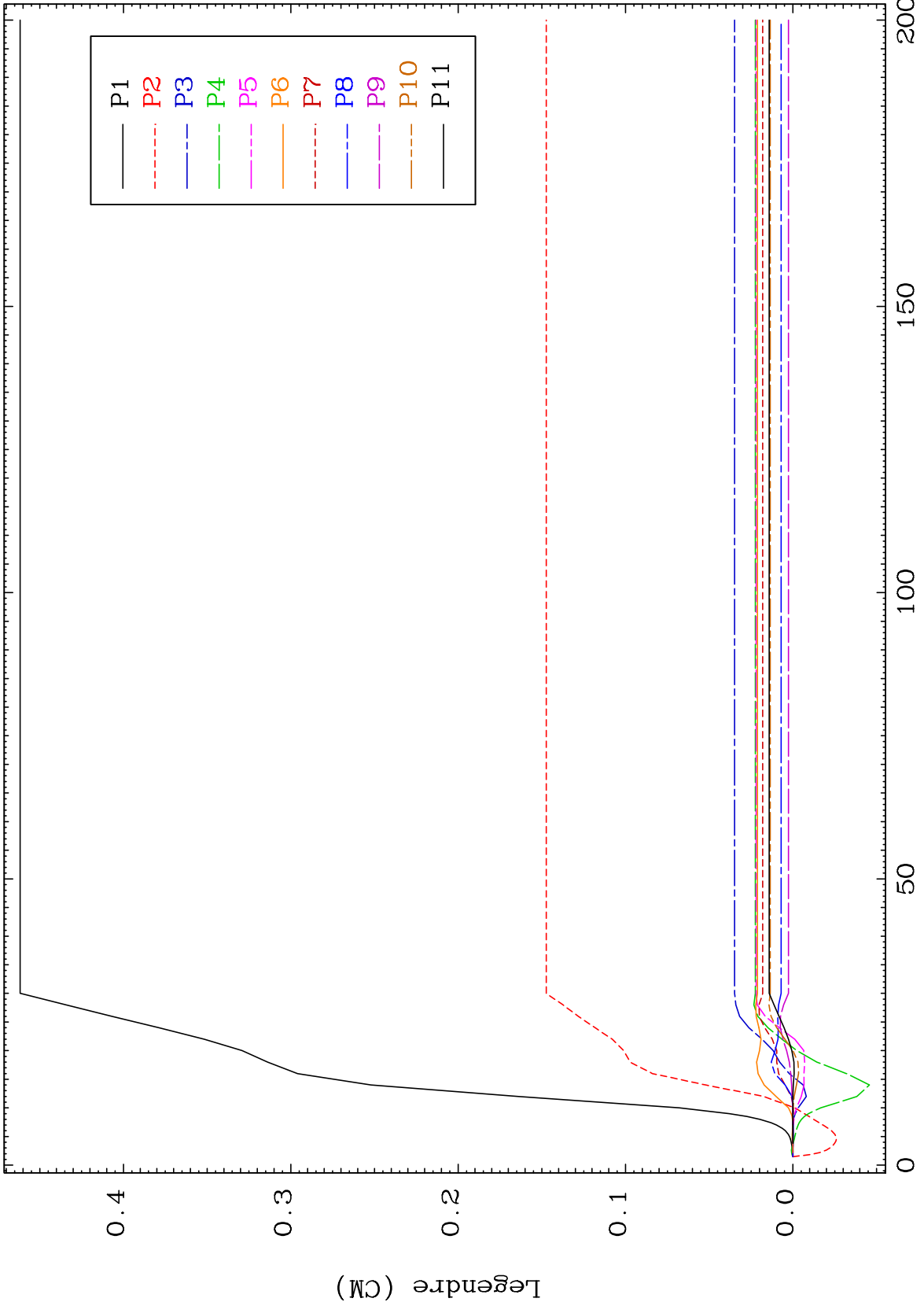
MAT 3022 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63



58

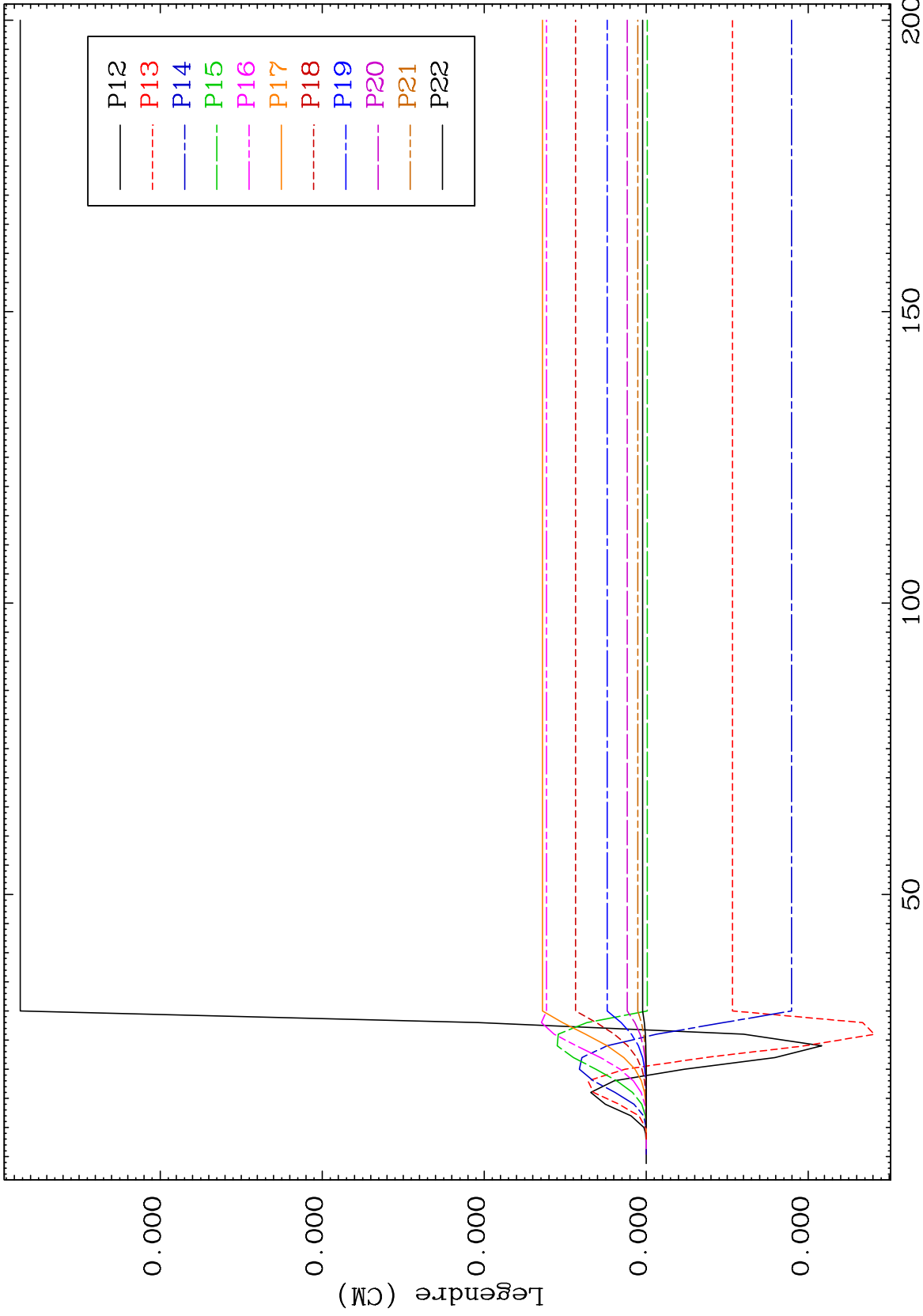
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63



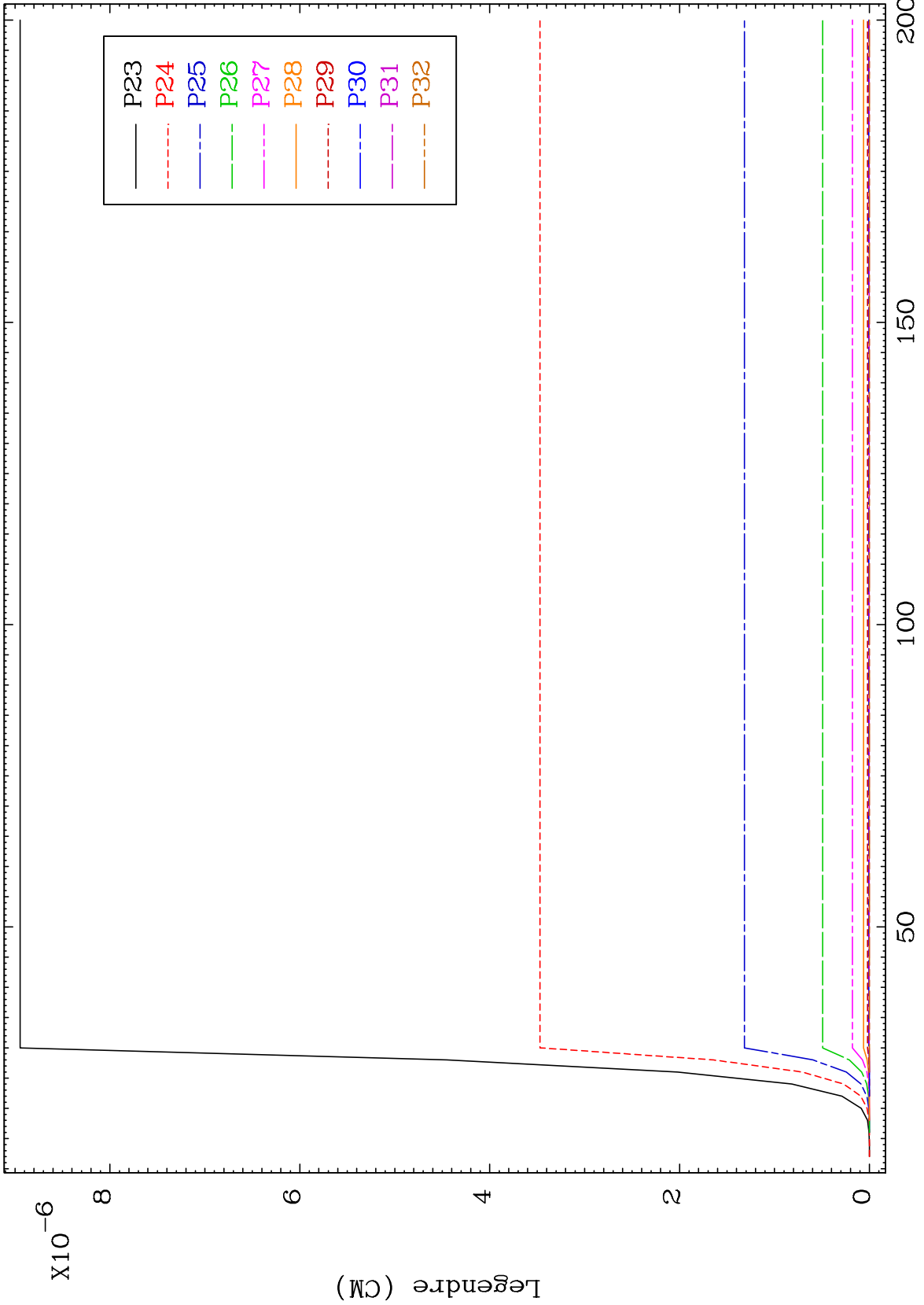
59

30-Zn-63

MAT 3022

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

30-Zn-63

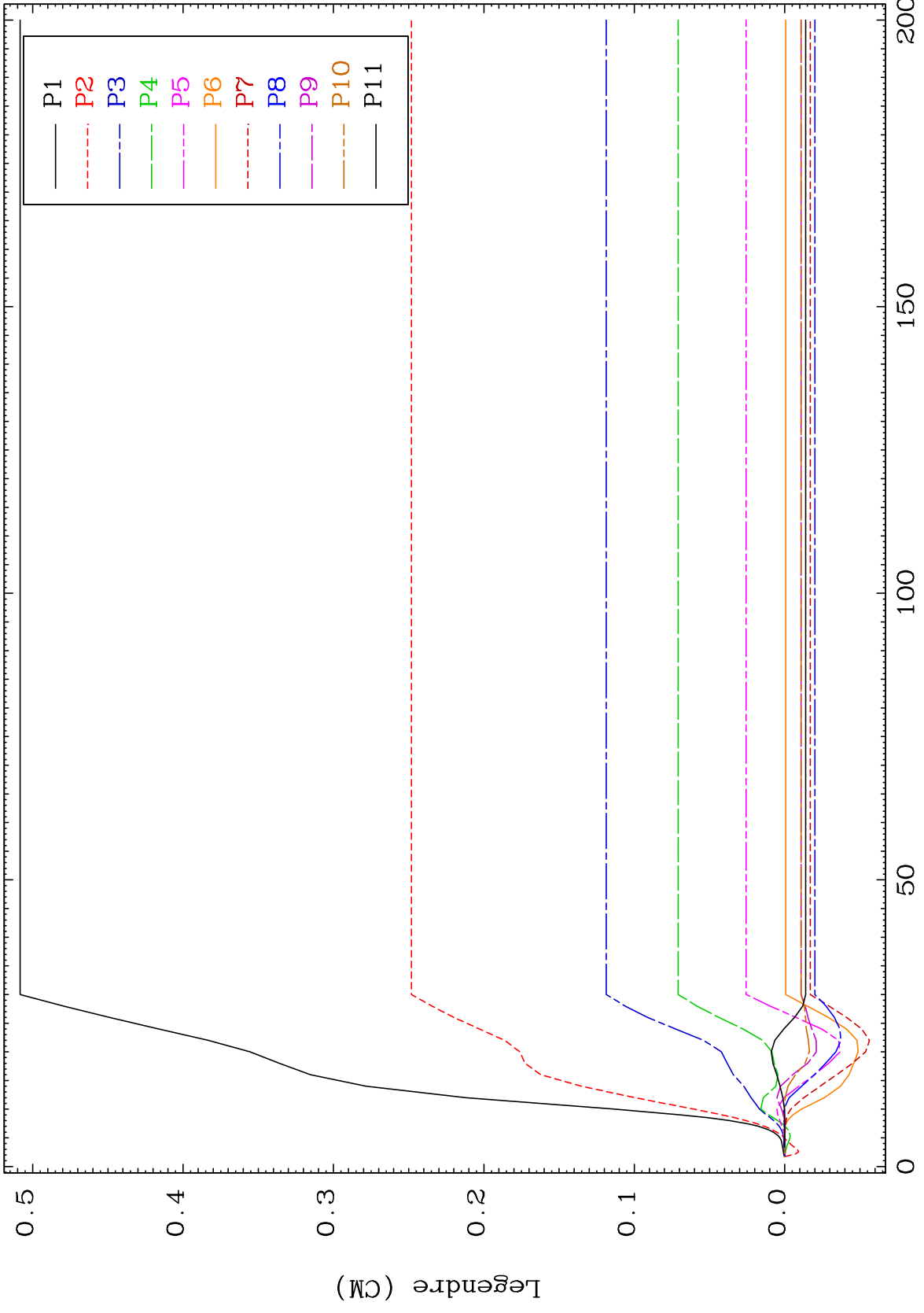


60

Incident Energy (MeV)

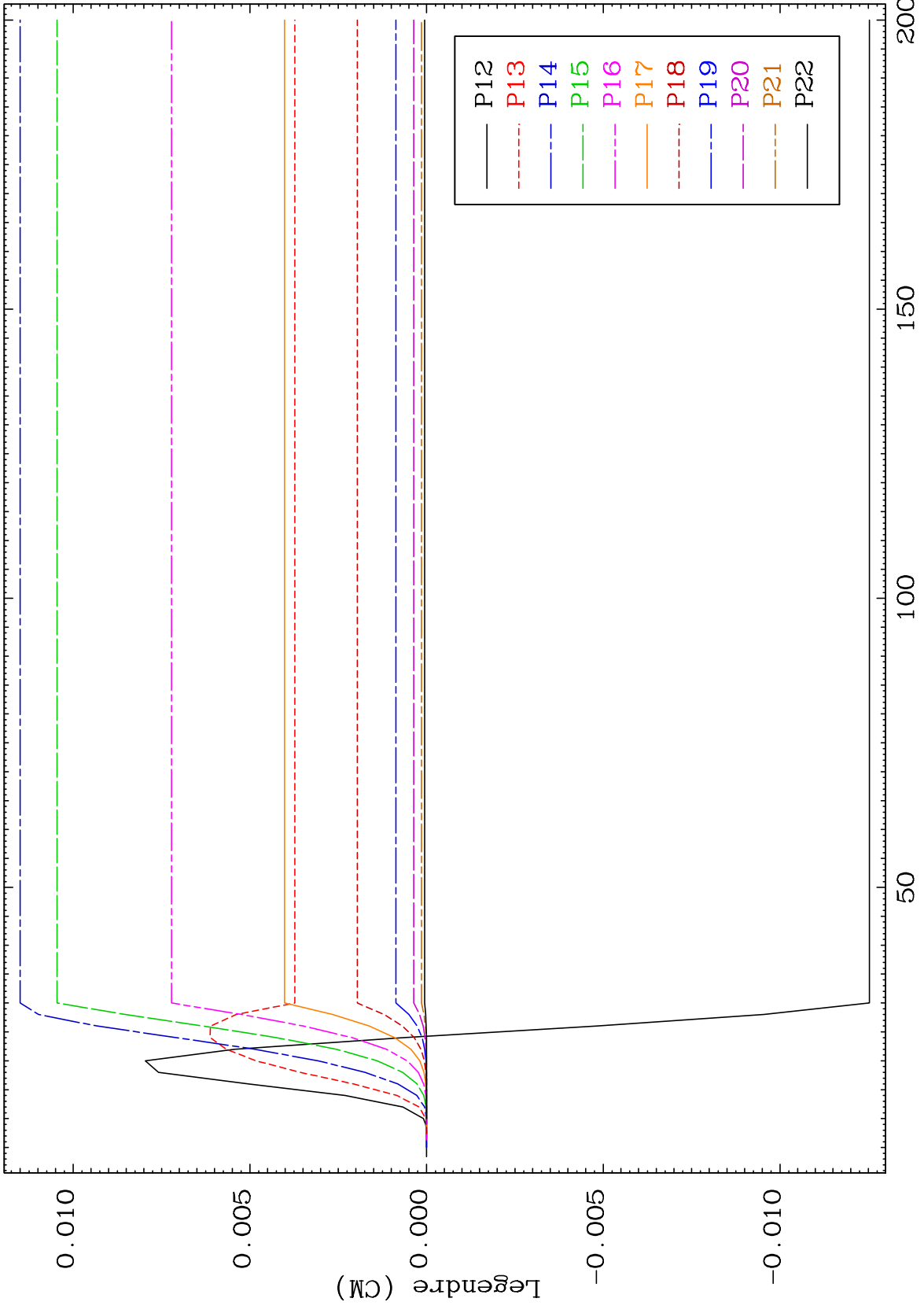
30-Zn-63

MAT 3022 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-63



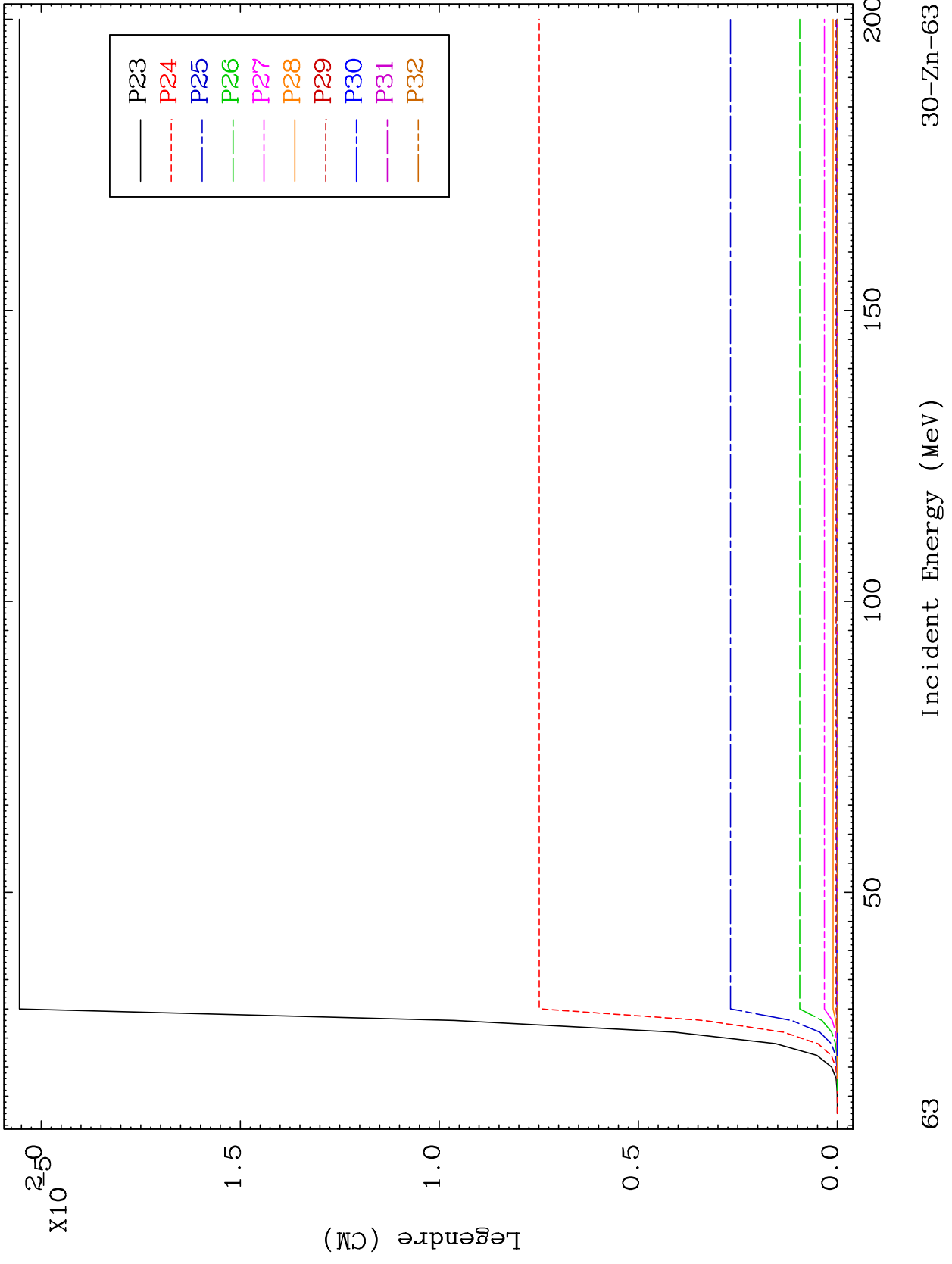
61 Incident Energy (MeV) 30-Zn-63

MAT 3022 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-63



62 30-Zn-63

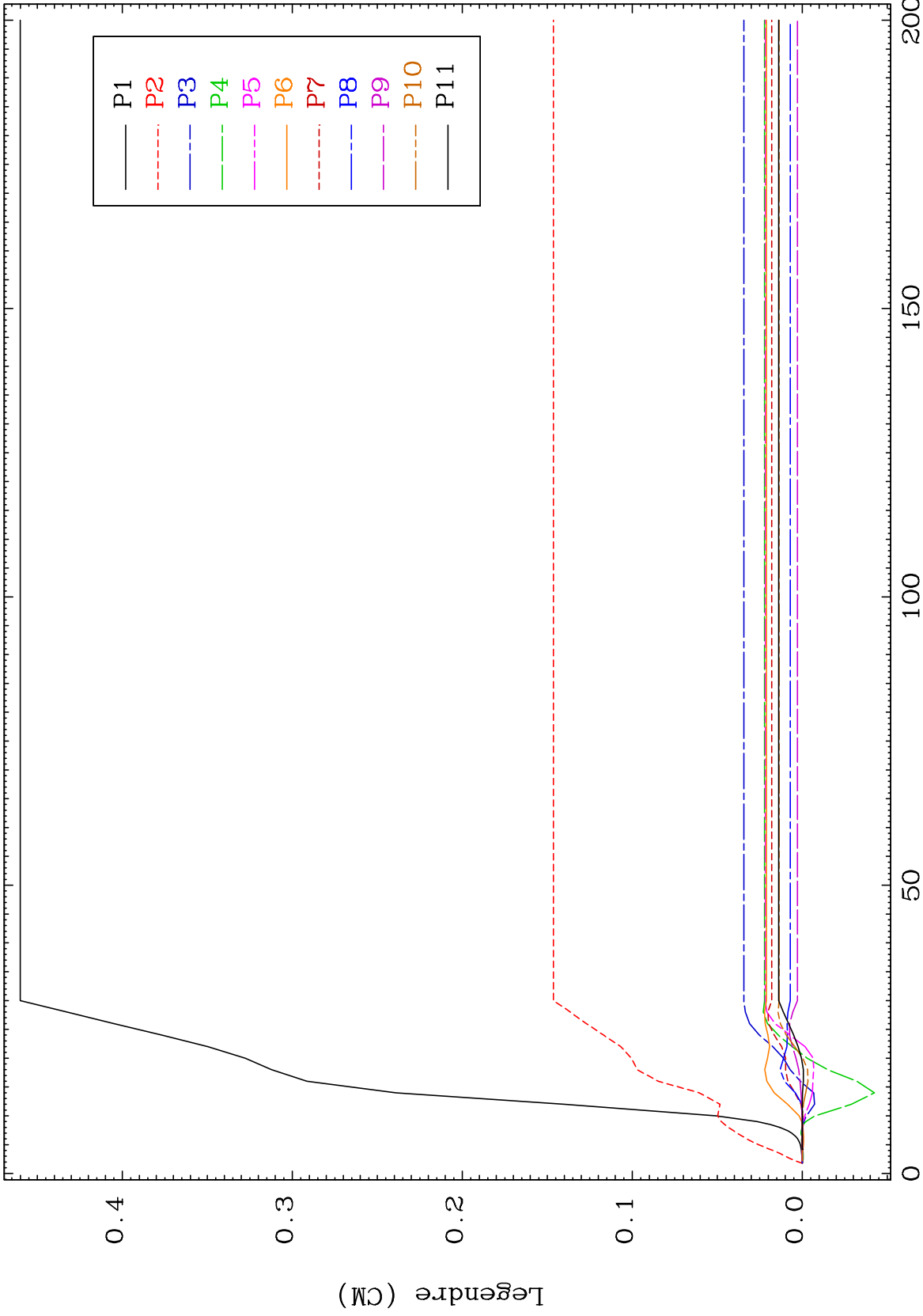
MAT 3022 MT= 64 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63

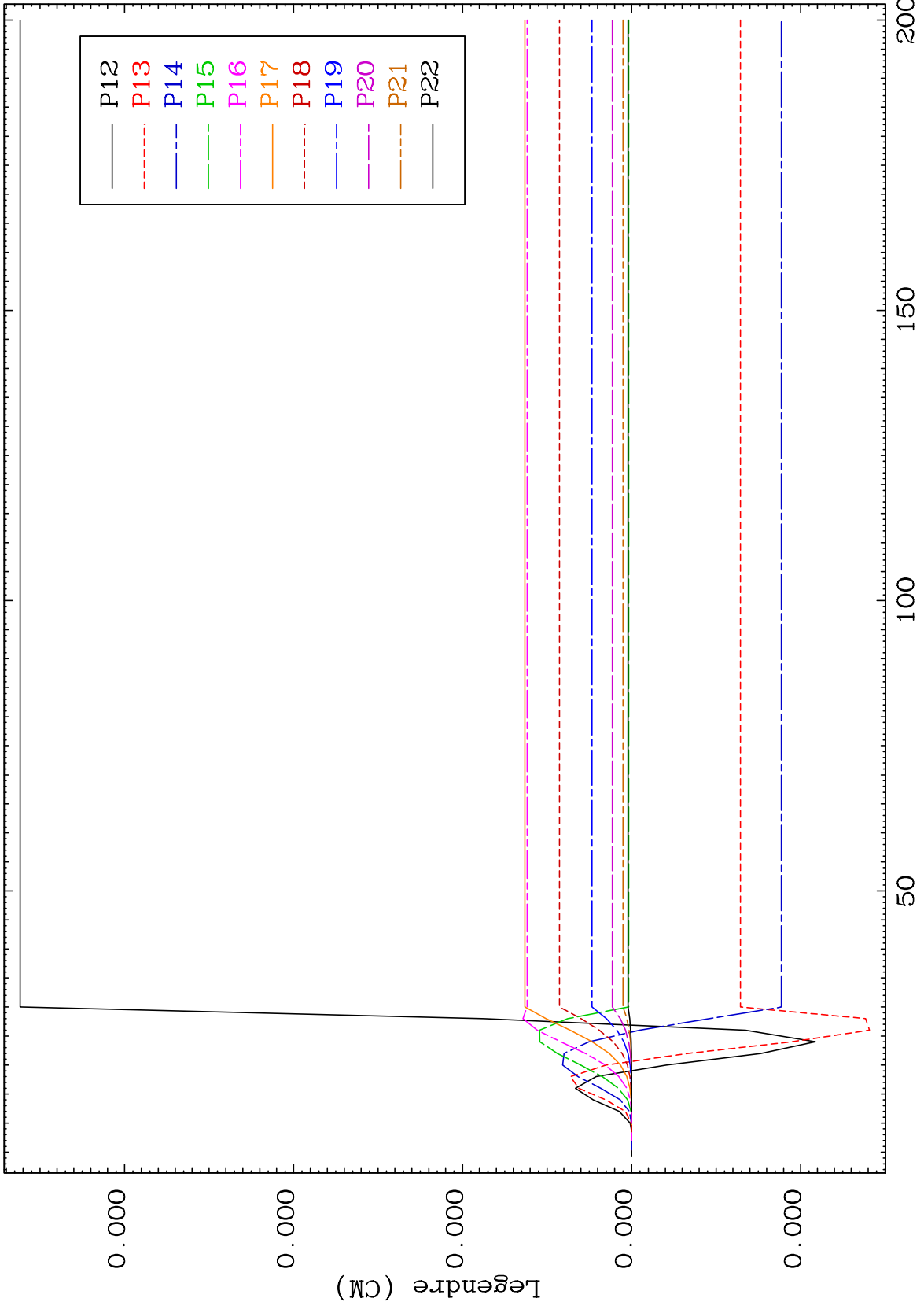


64

Incident Energy (MeV)

30-Zn-63

MAT 3022 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-63

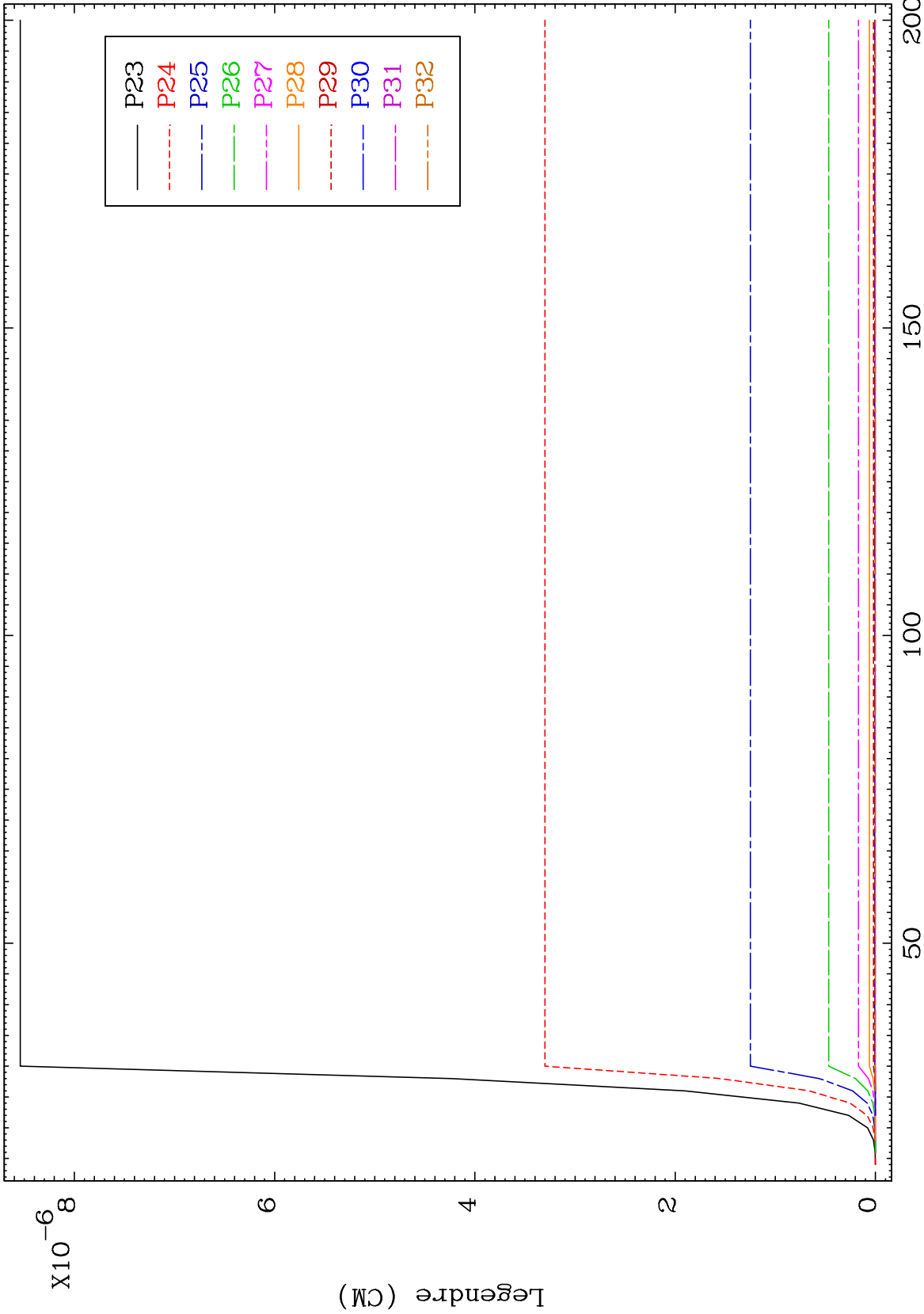


65 30-Zn-63

MAT 3022

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

30-Zn-63



66

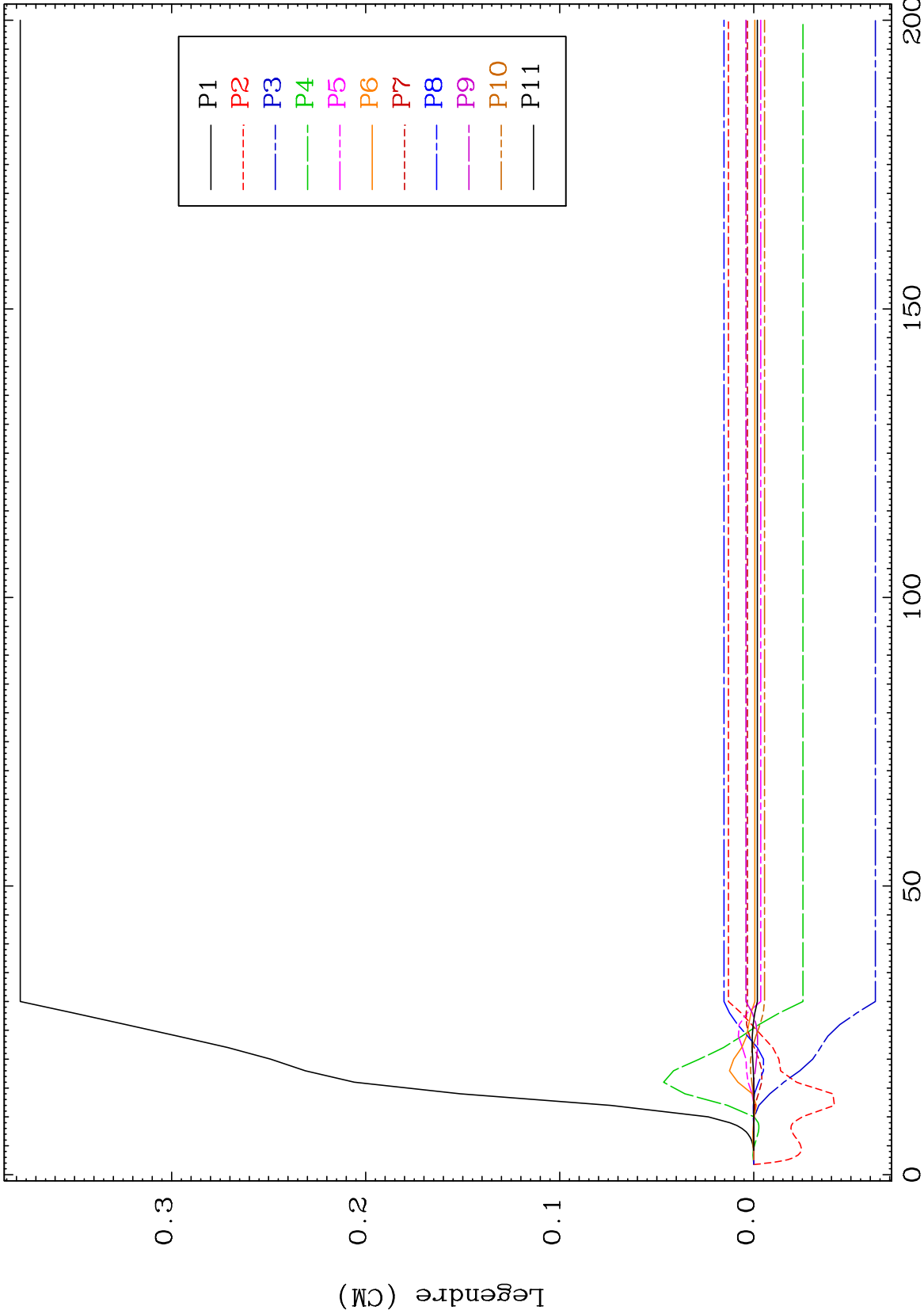
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

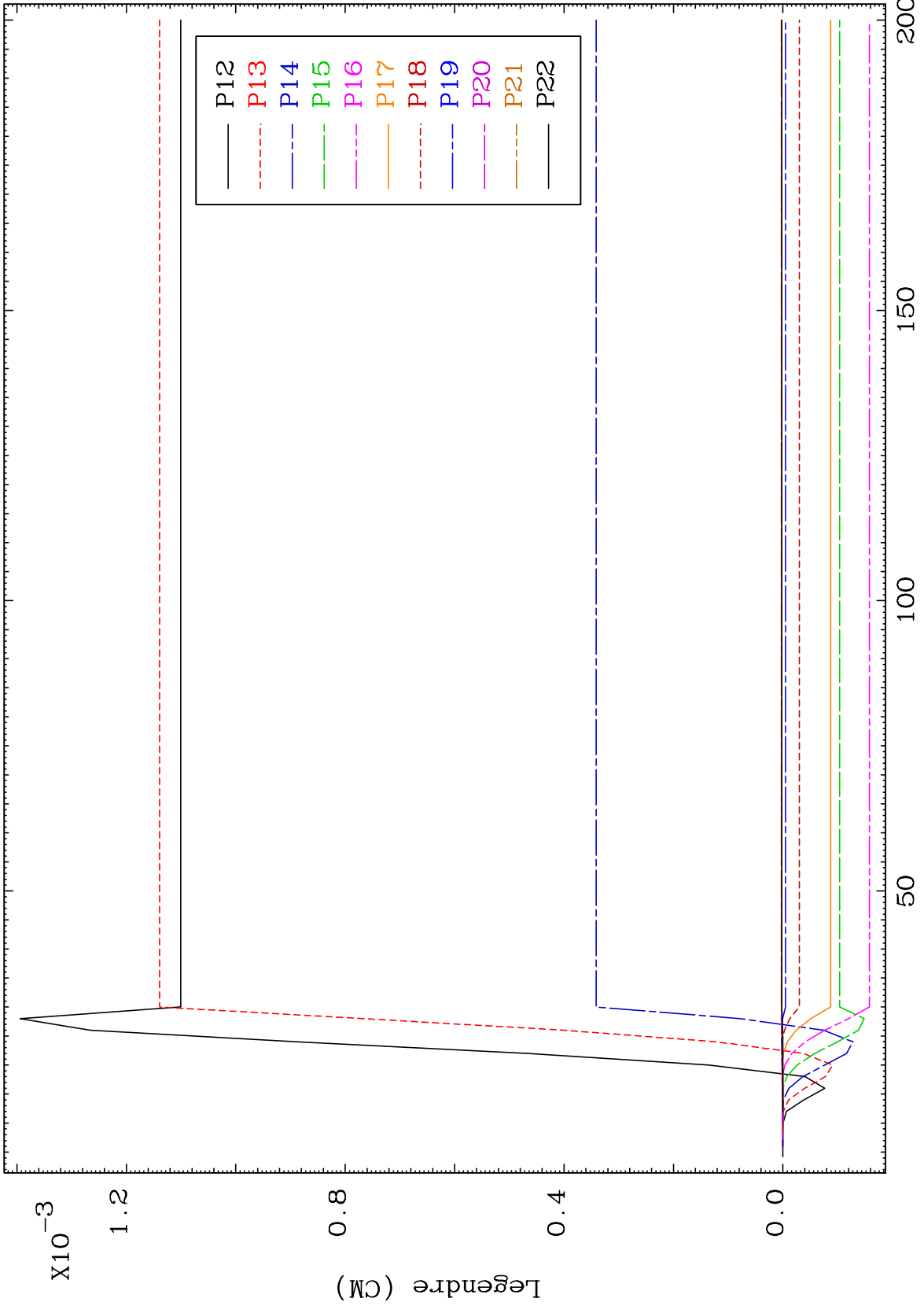
30-Zn-63



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Incident Energy (MeV)

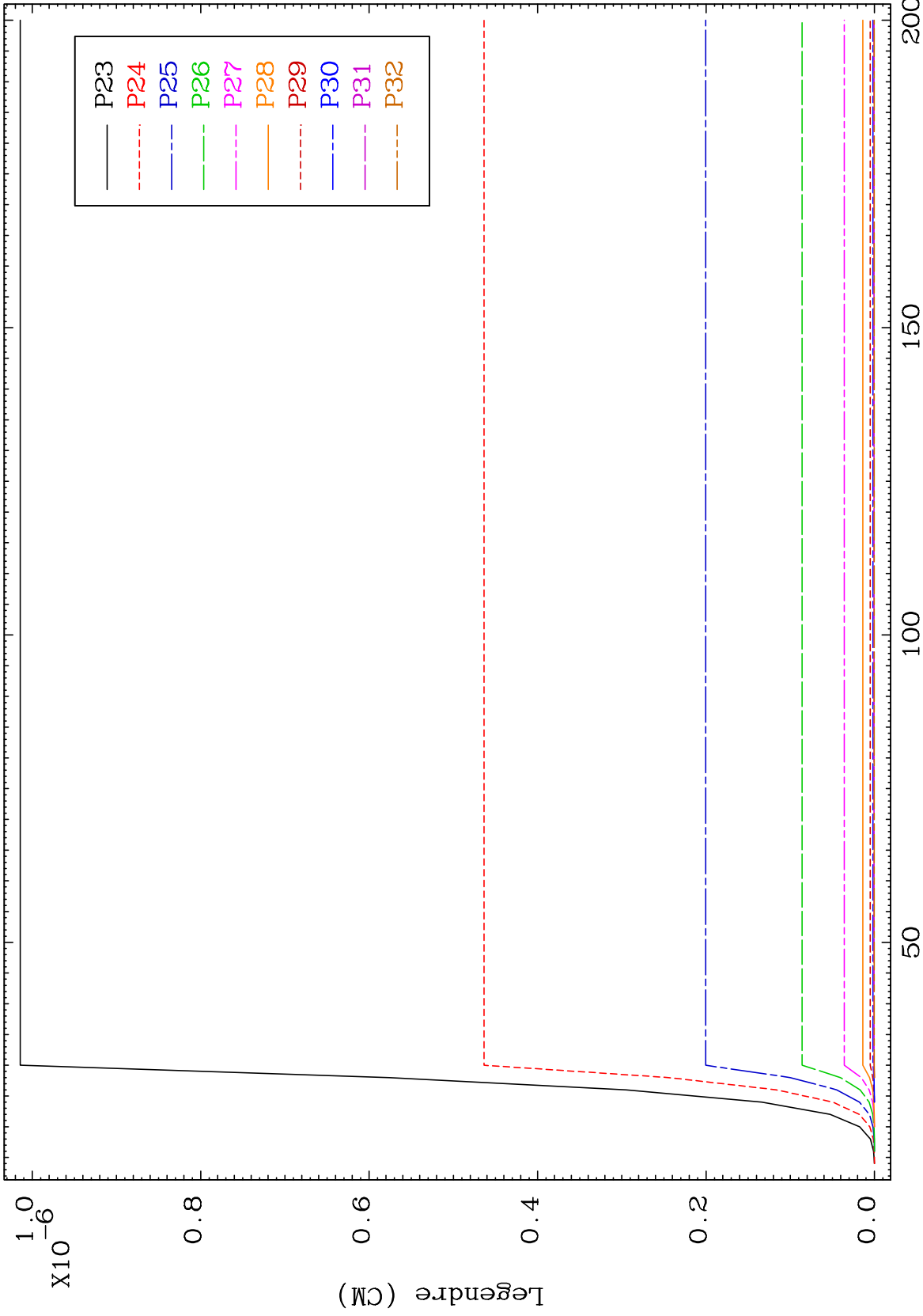
30-Zn-63



MAT 3022

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

30-Zn-63

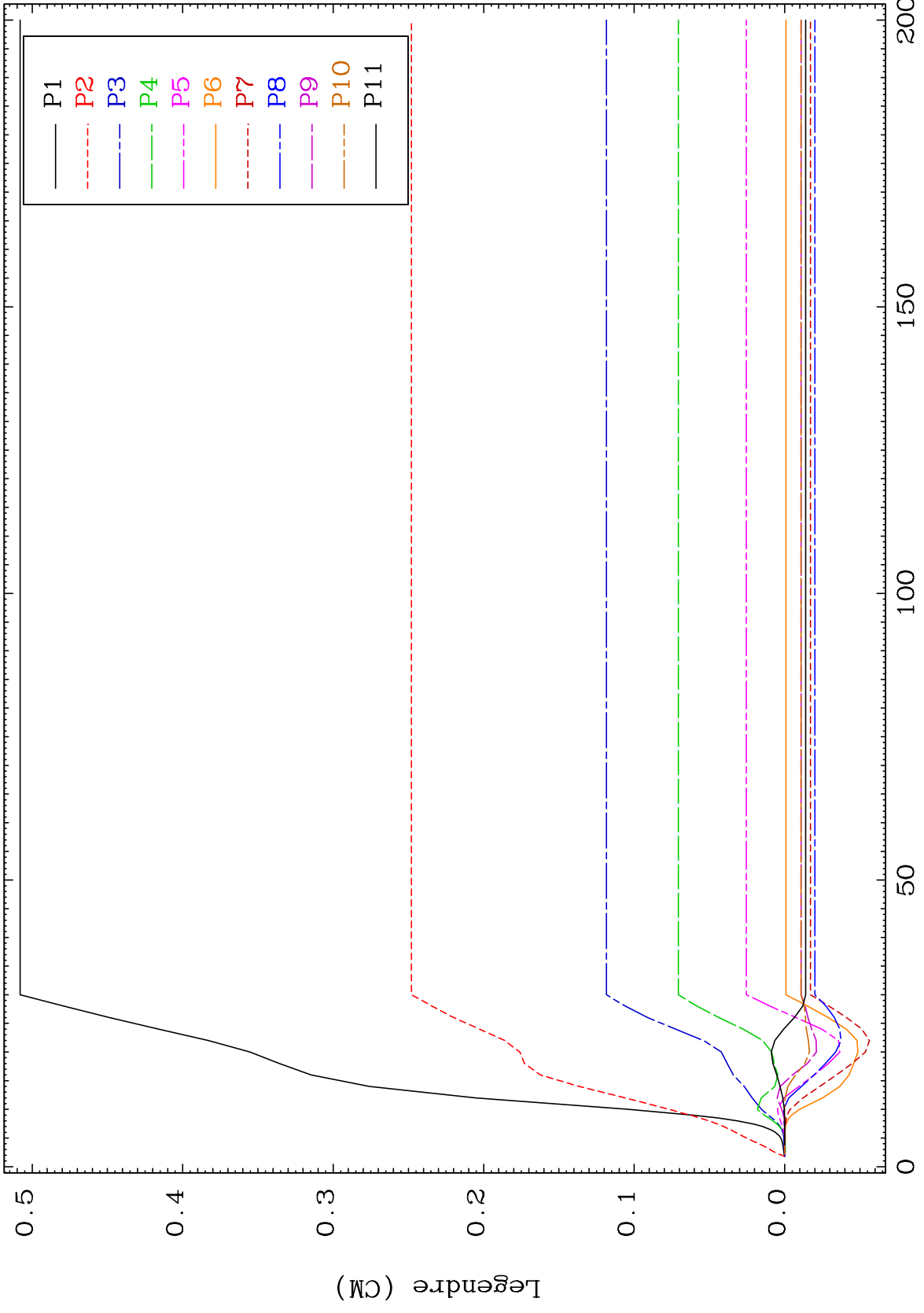


69

Incident Energy (MeV)

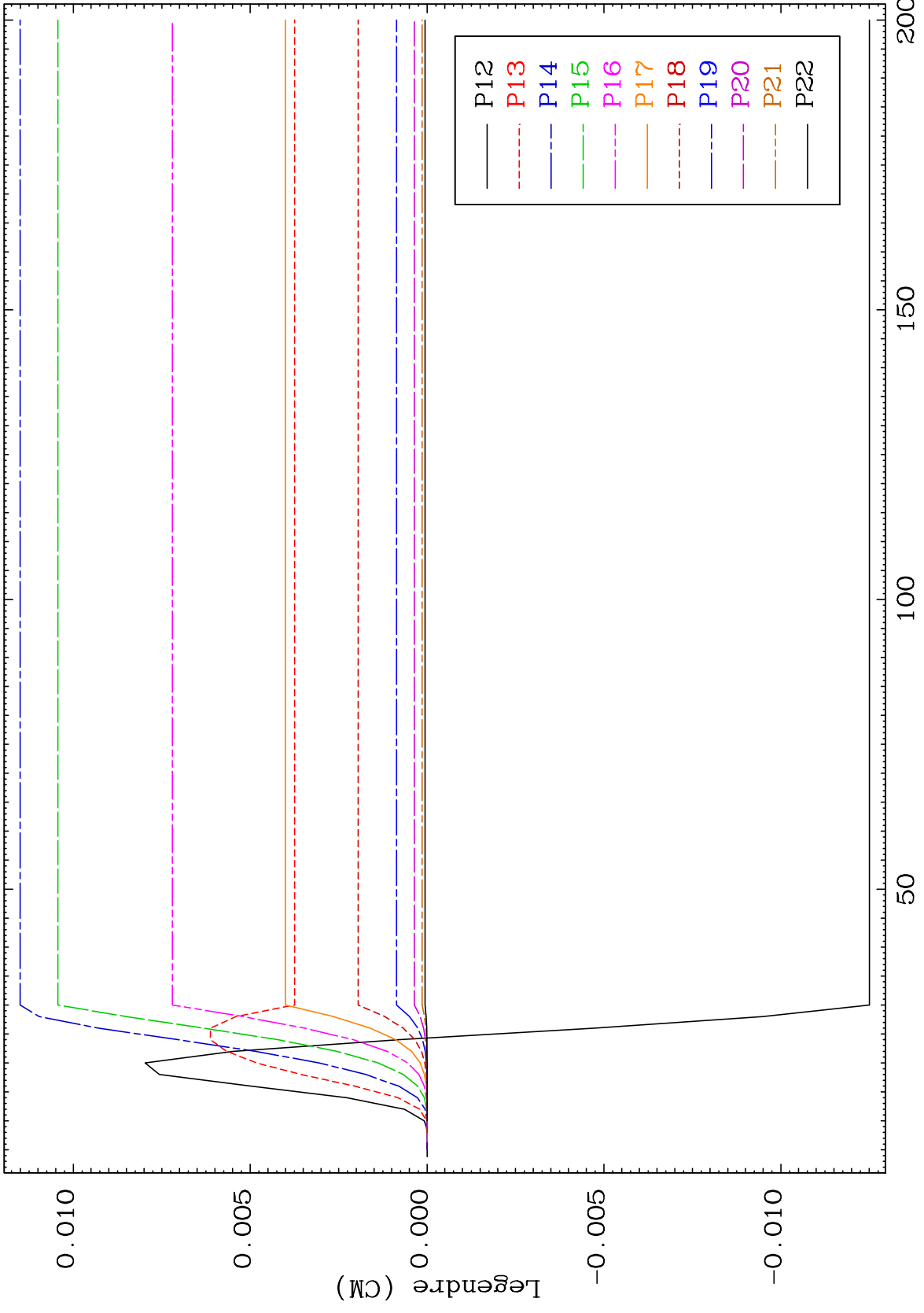
30-Zn-63

MAT 3022 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-63



70 50 100 150 200 30-Zn-63

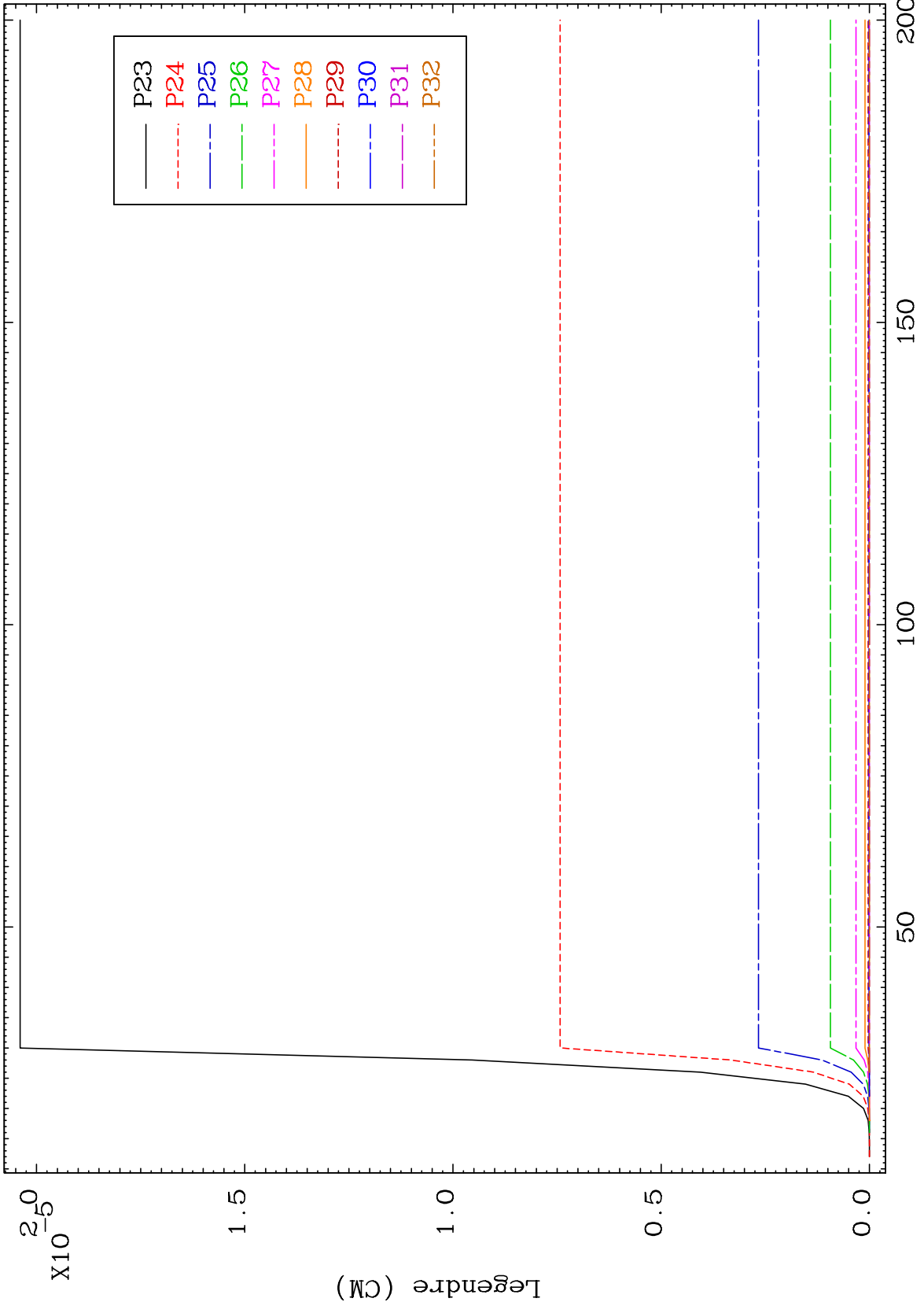
MAT 3022 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63

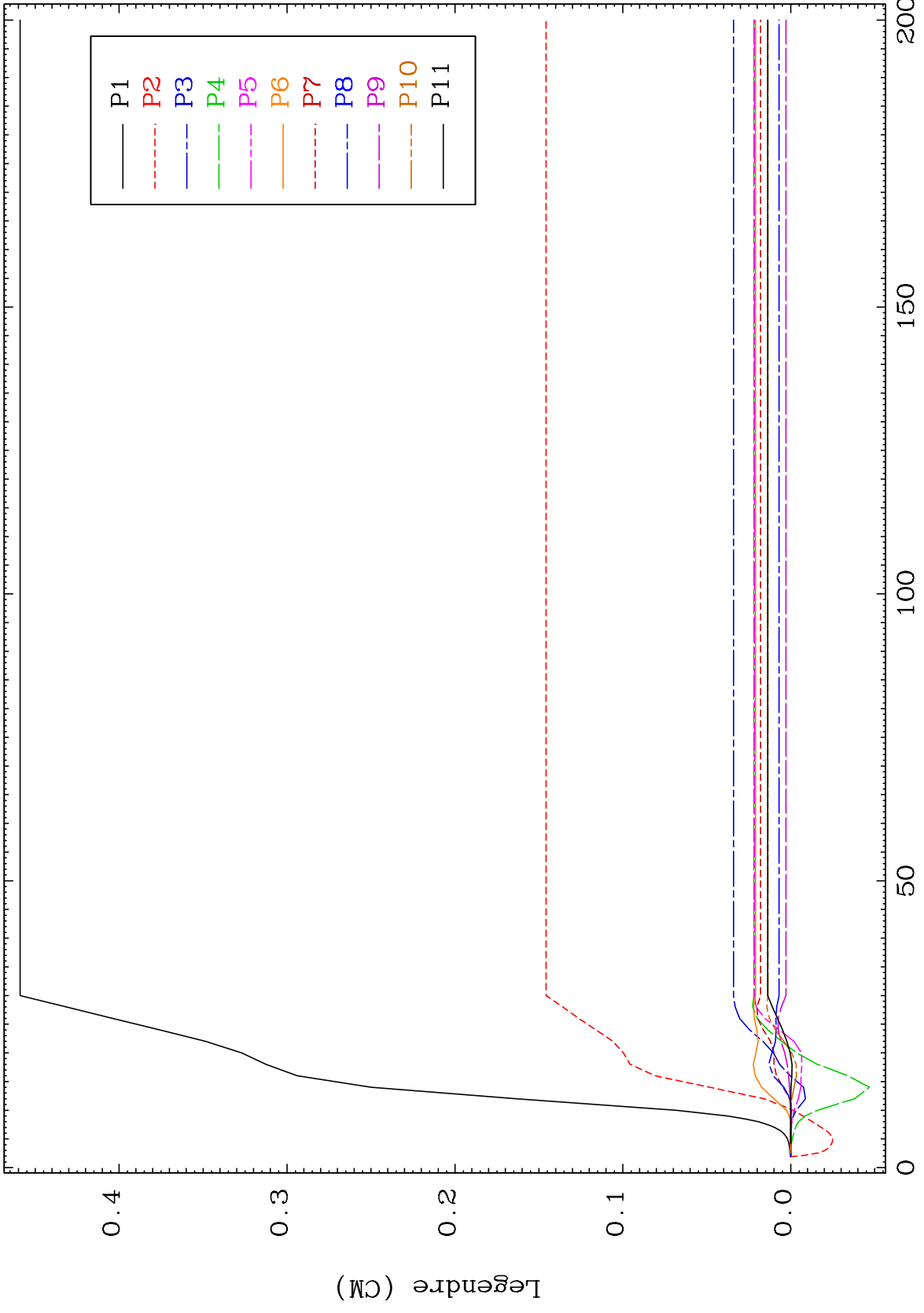


72

Incident Energy (MeV)

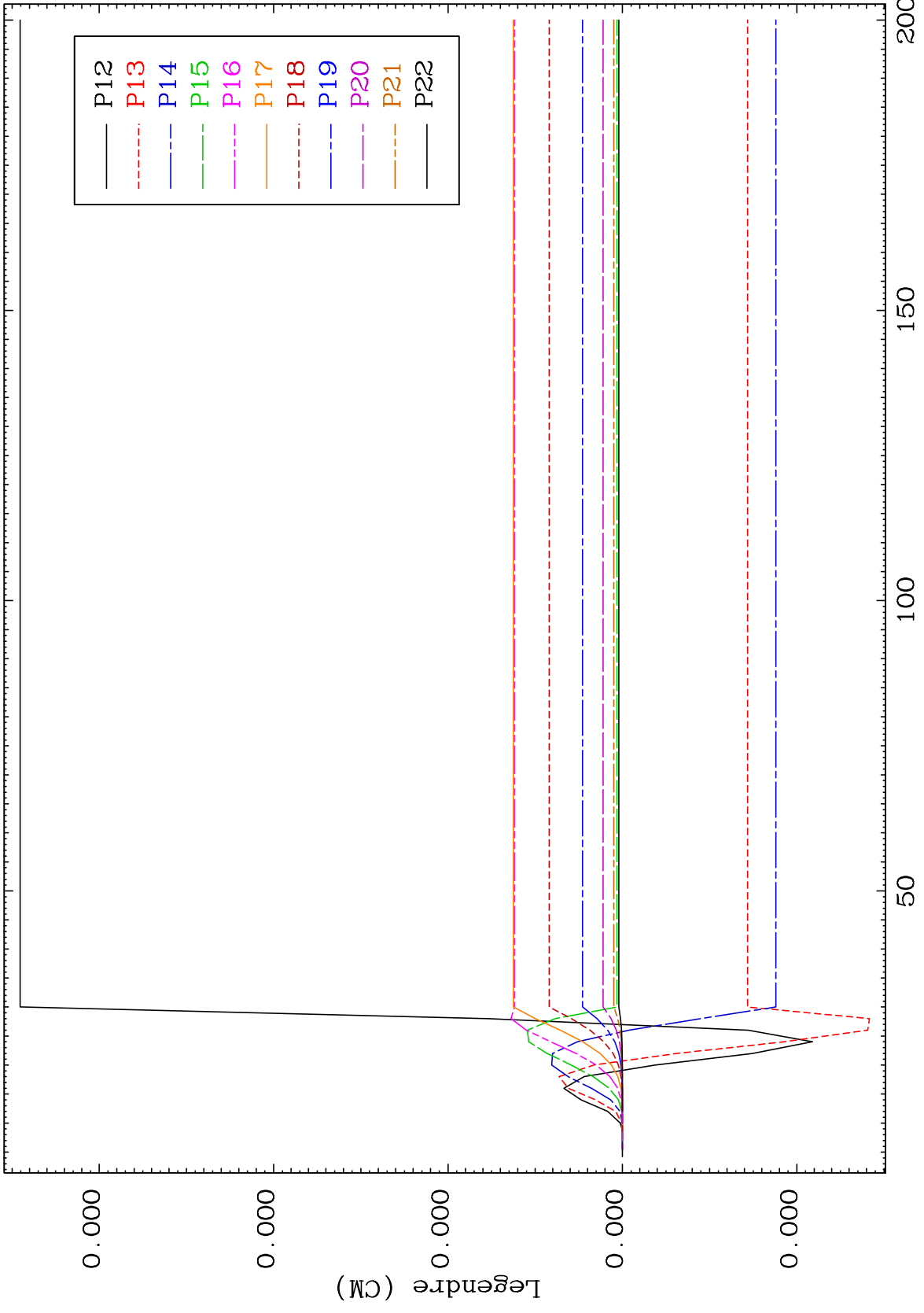
30-Zn-63

MAT 3022 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-63

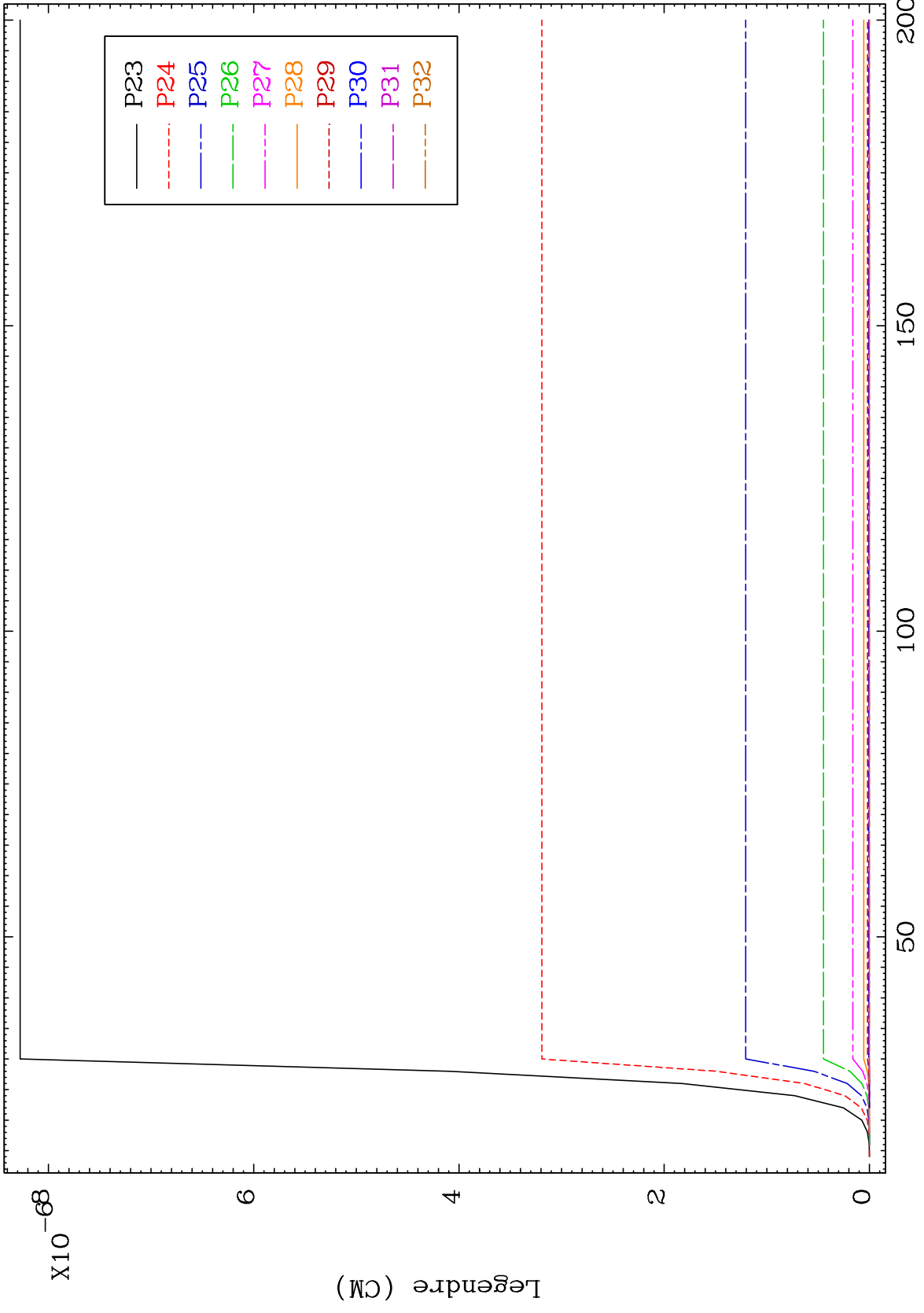


73 Incident Energy (MeV) 30-Zn-63

MAT 3022 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-63

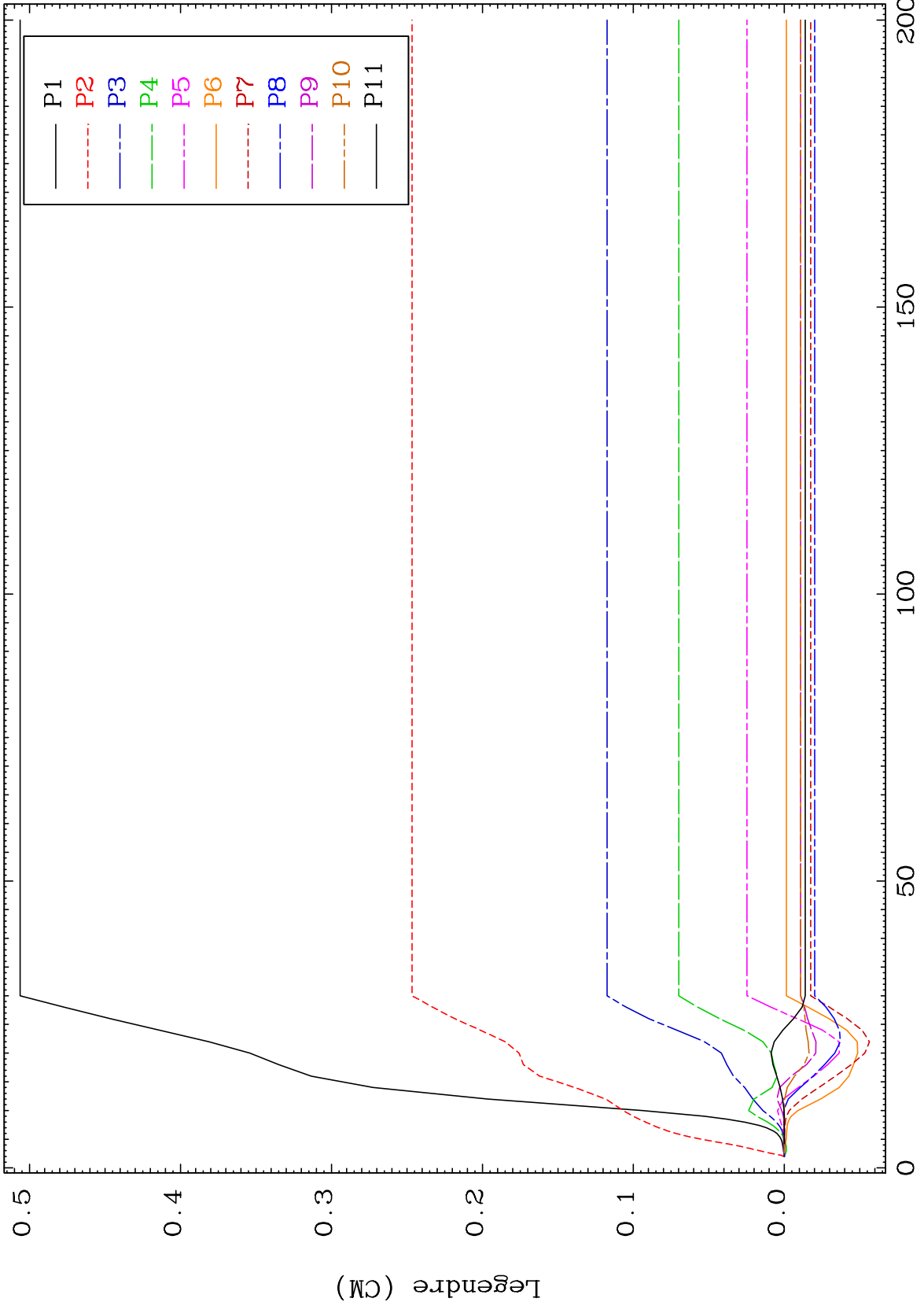


MAT 3022 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-63



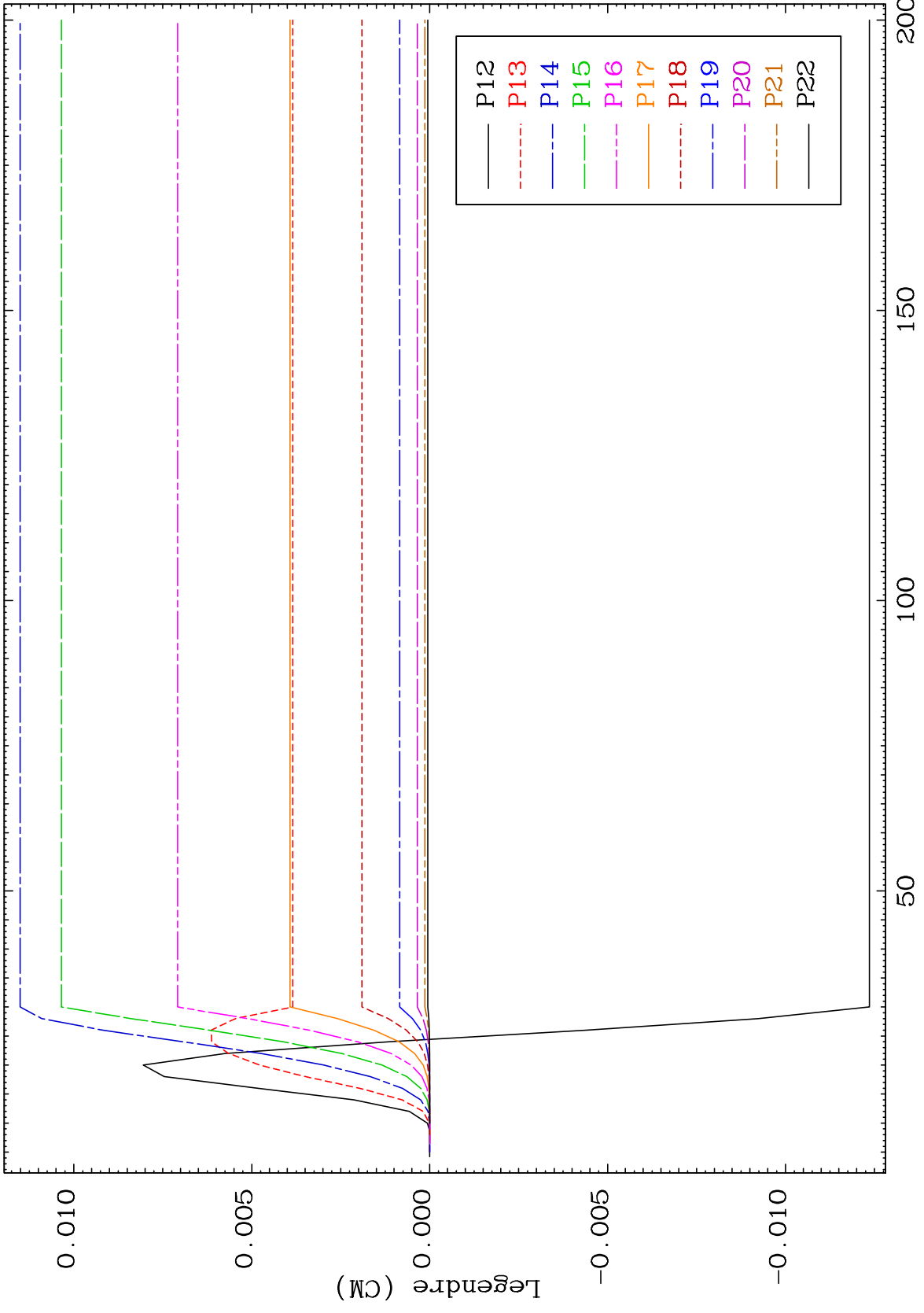
75 150 200 30-Zn-63

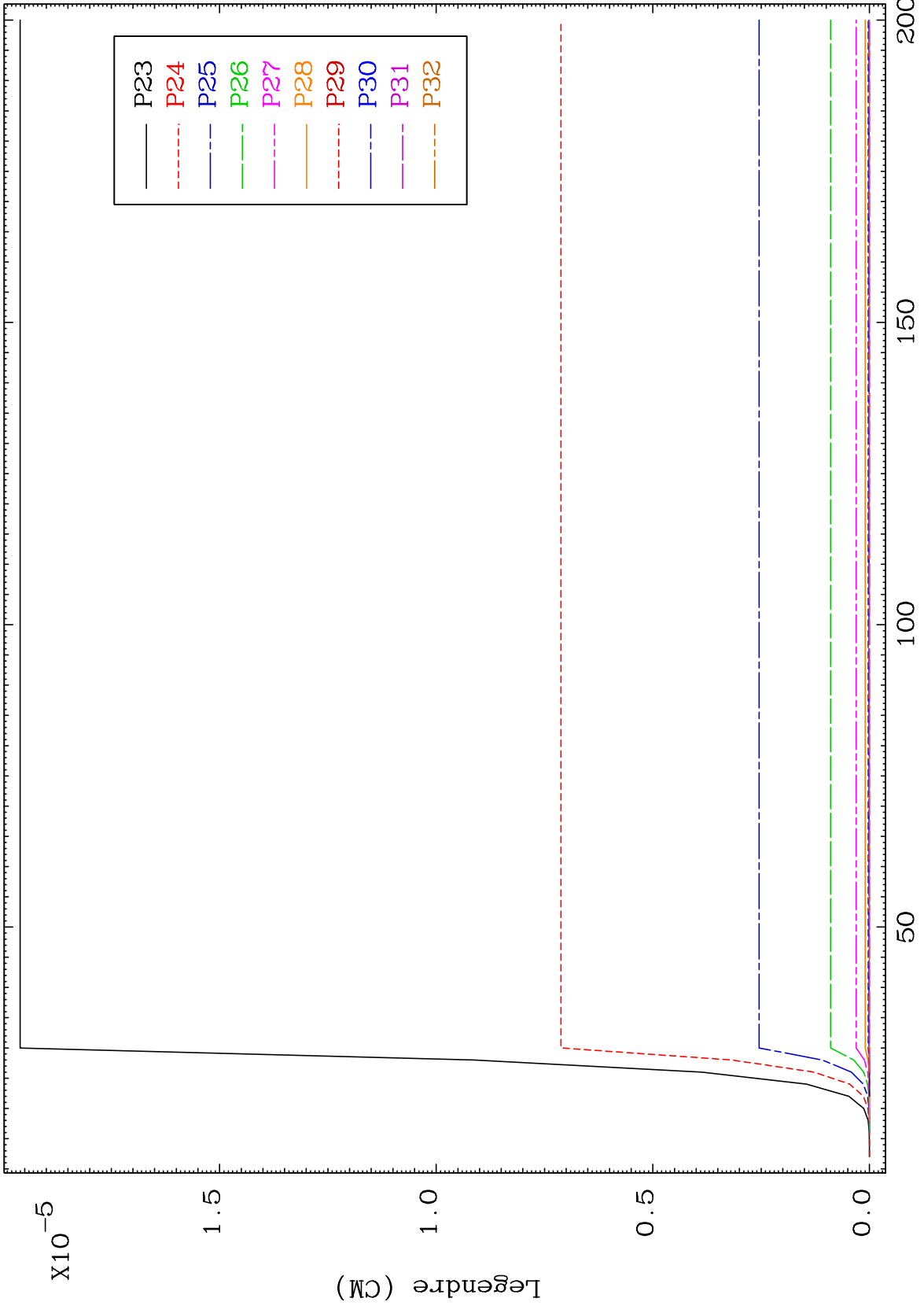
MAT 3022 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-63



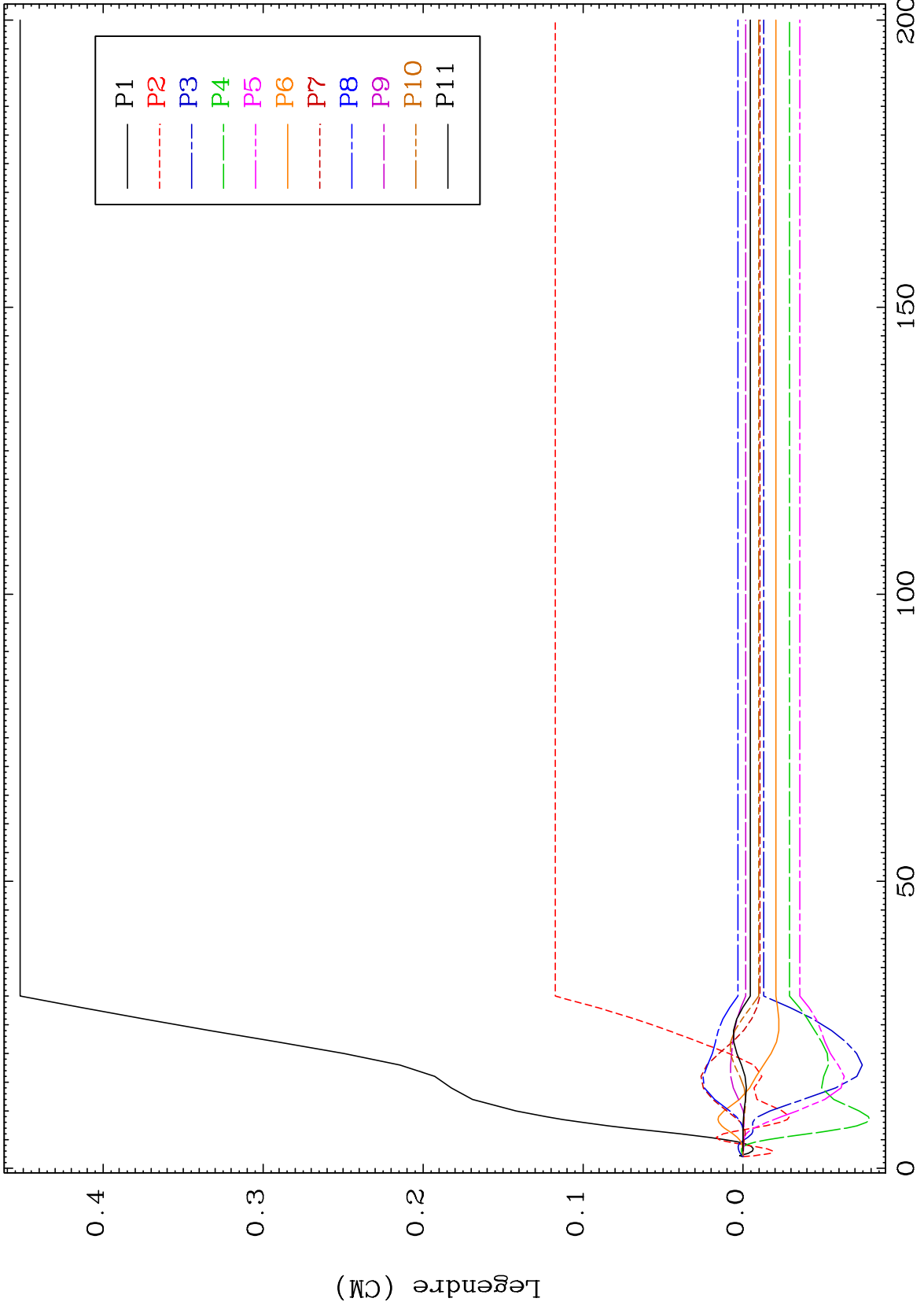
76 Incident Energy (MeV) 30-Zn-63

MAT 3022 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-63





MAT 3022 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-63

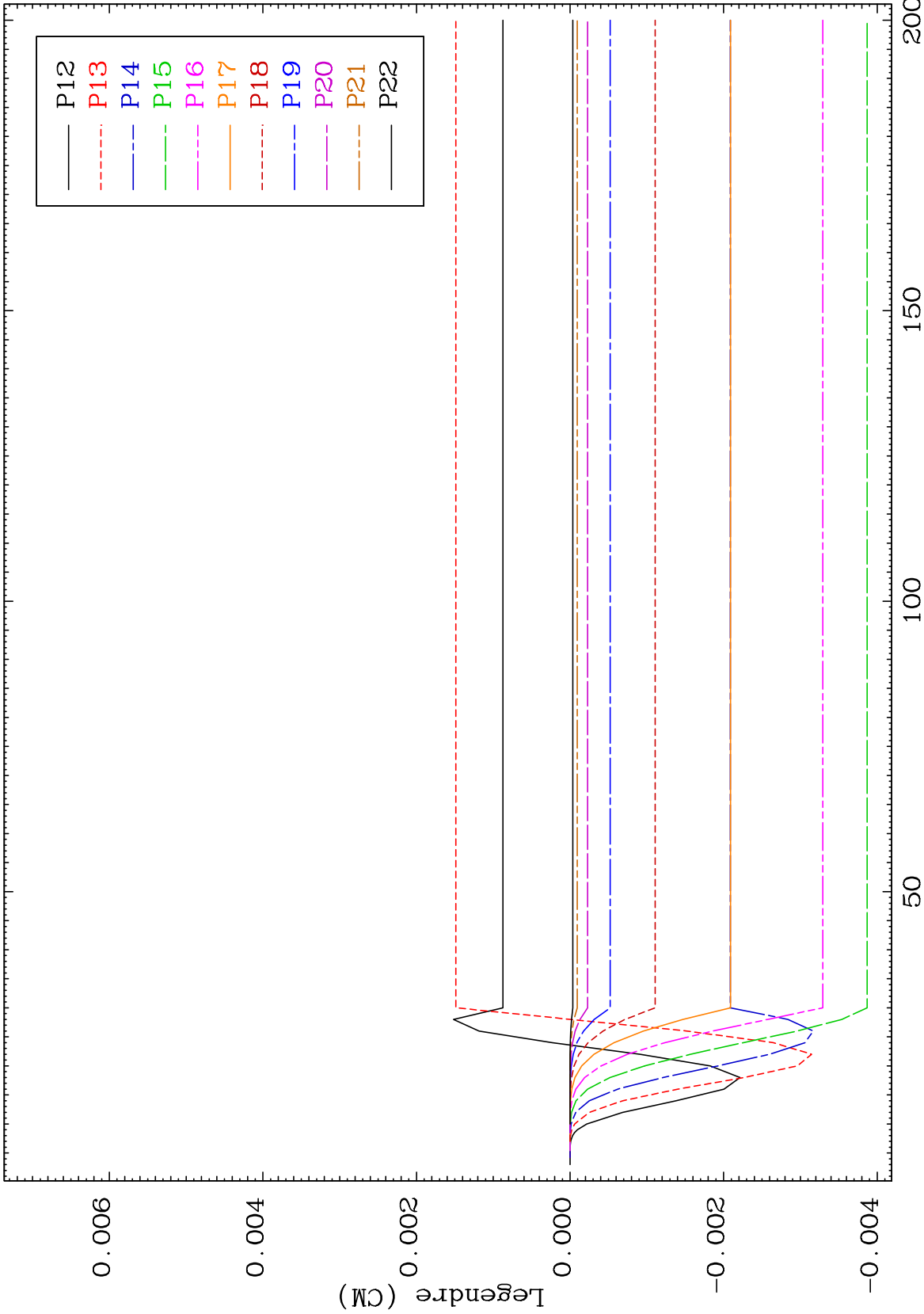


79 Incident Energy (MeV) 30-Zn-63

MAT 3022

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

30-Zn-63

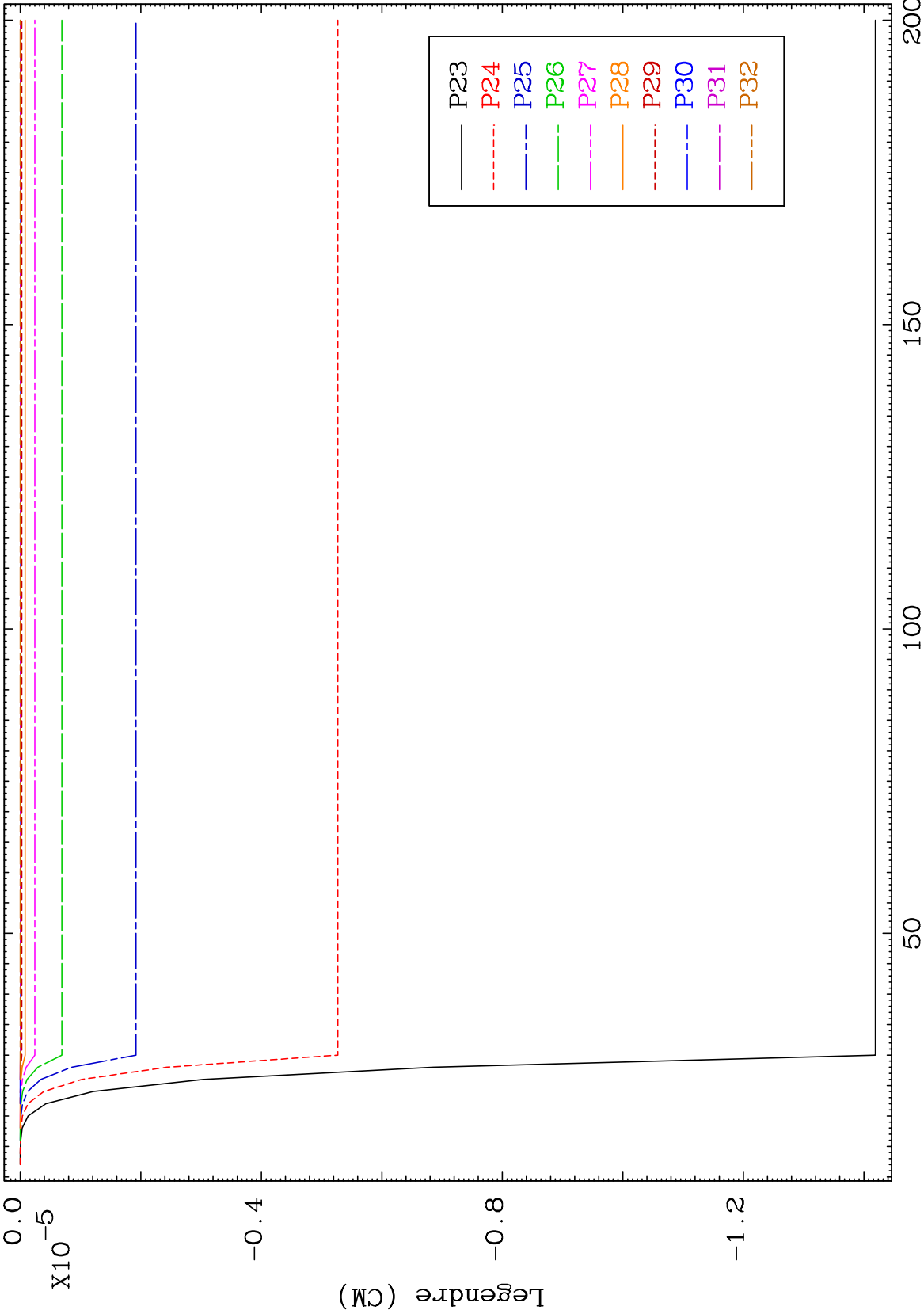


80

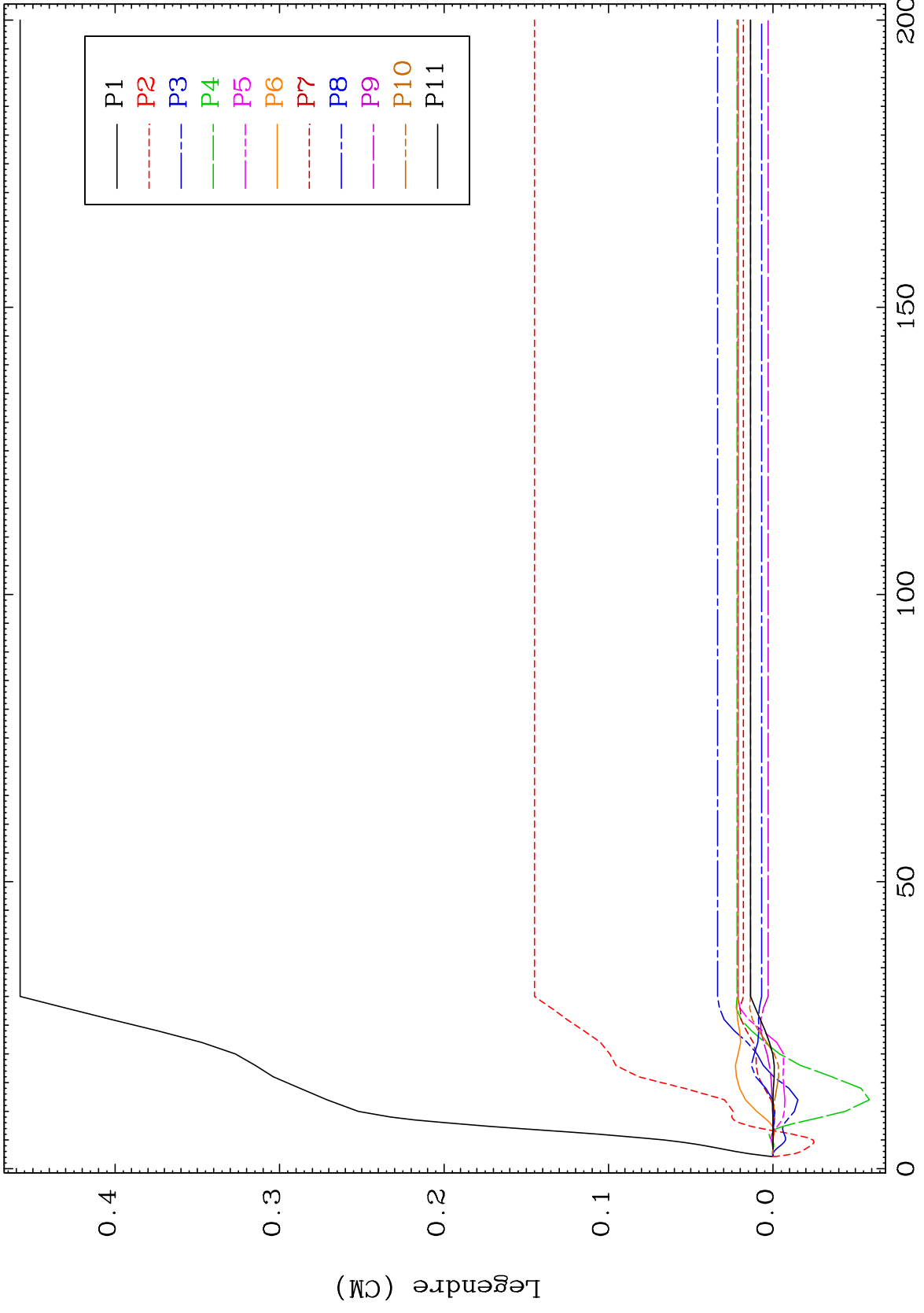
Incident Energy (MeV)

30-Zn-63

Legendre Coefficients



MAT 3022 MT= 71 (n,n') Level Legendre Coefficients 30-Zn-63

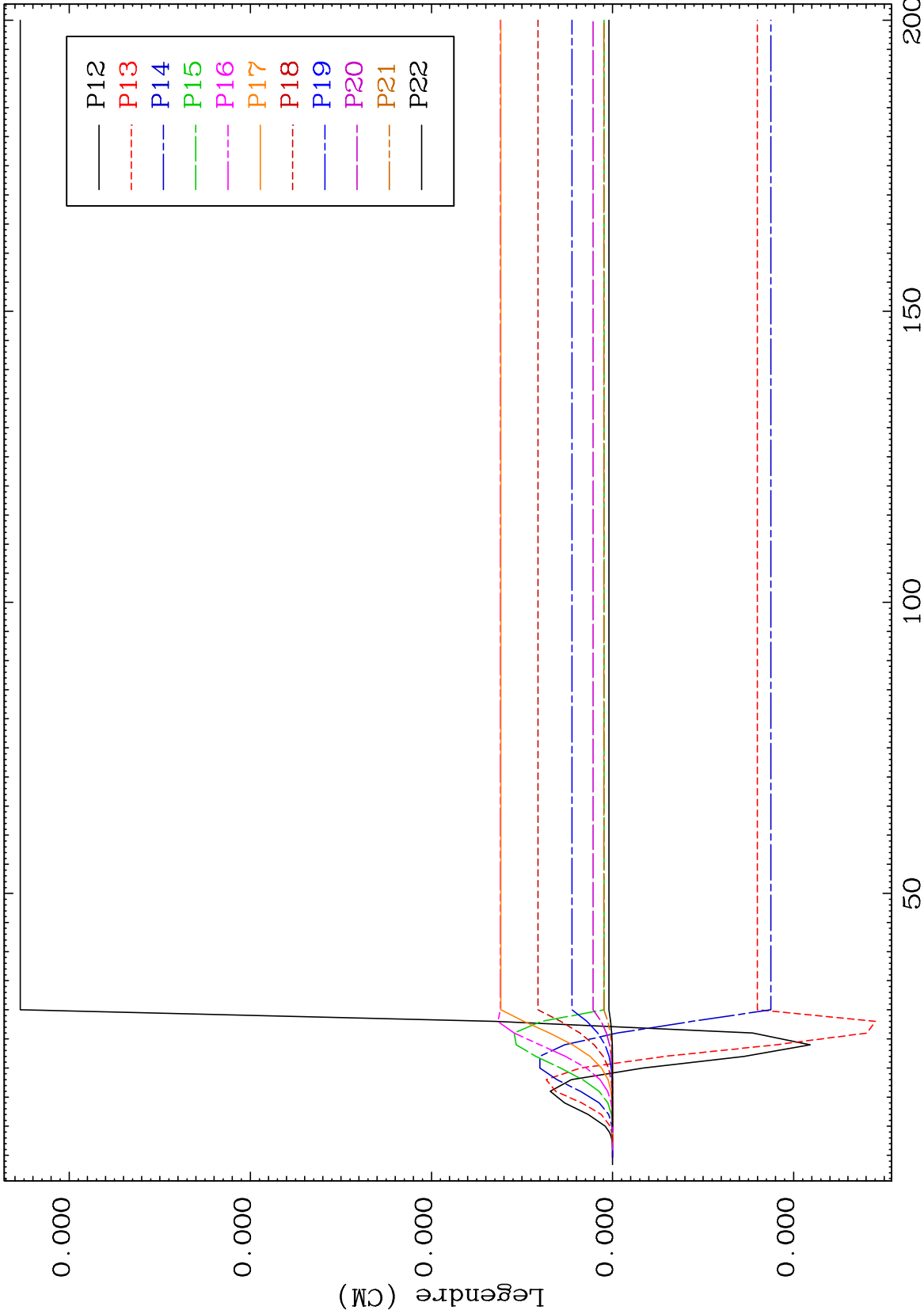


82 Incident Energy (MeV) 30-Zn-63

MAT 3022

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

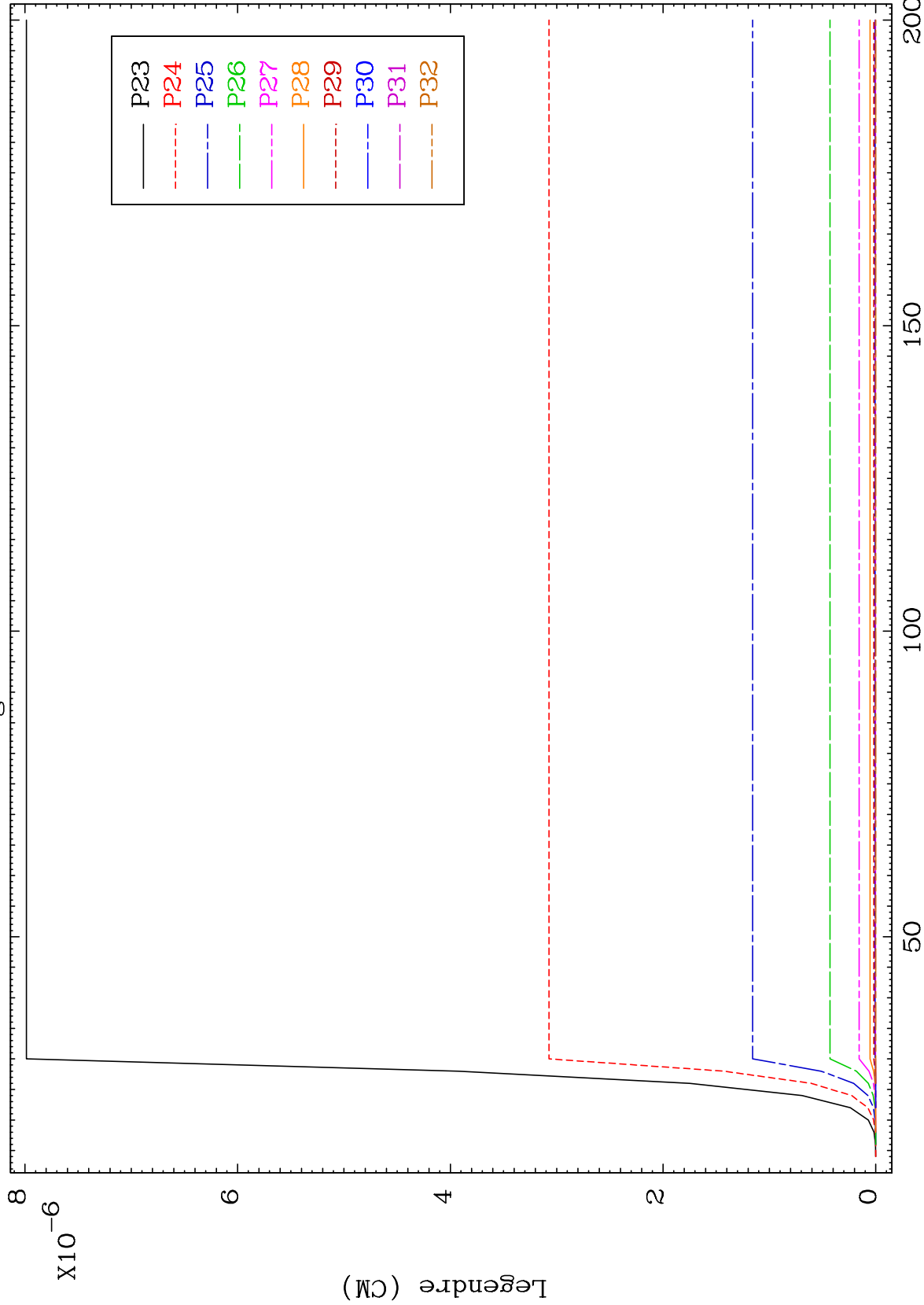
30-Zn-63



MAT 3022

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

30-Zn-63

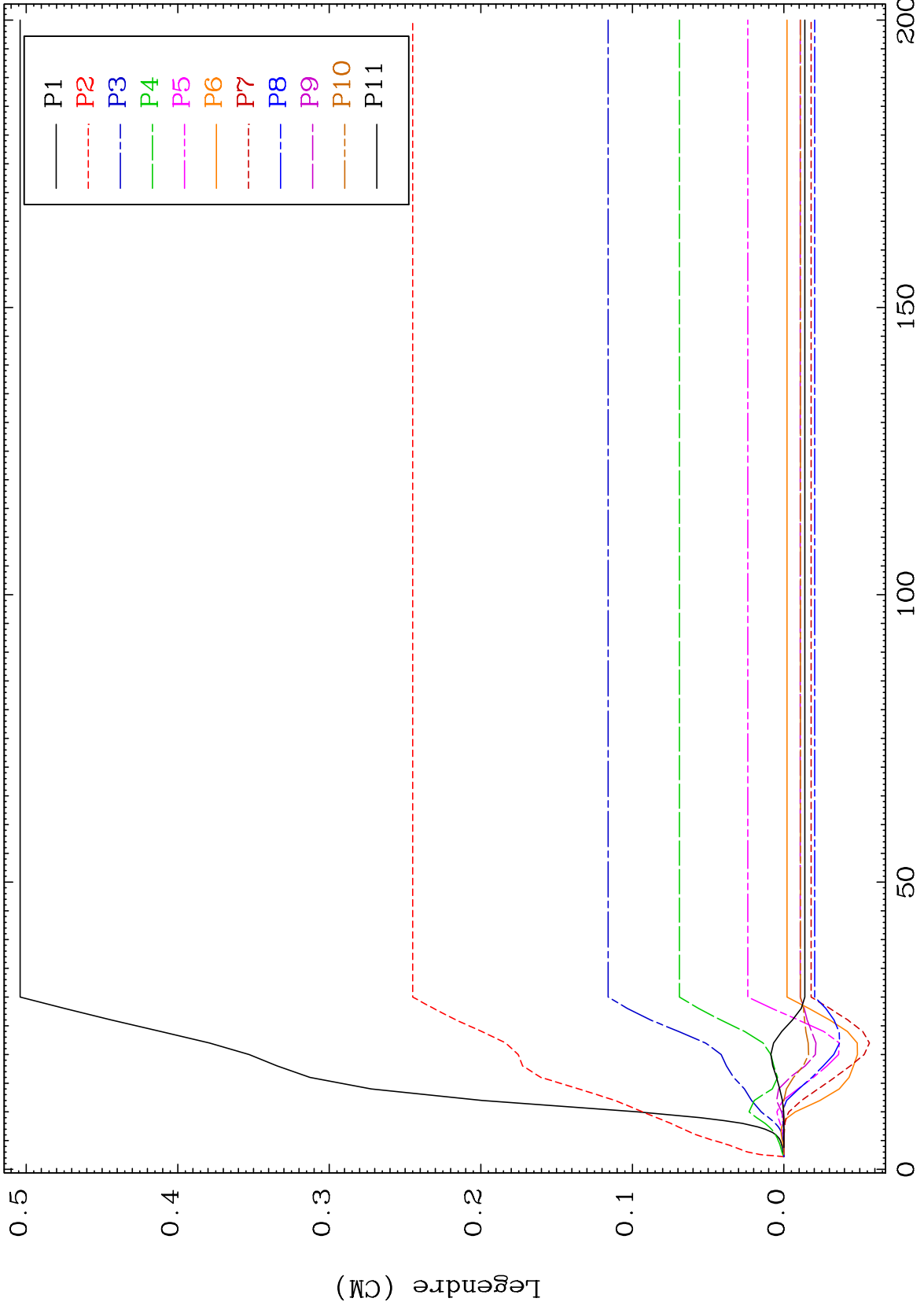


84

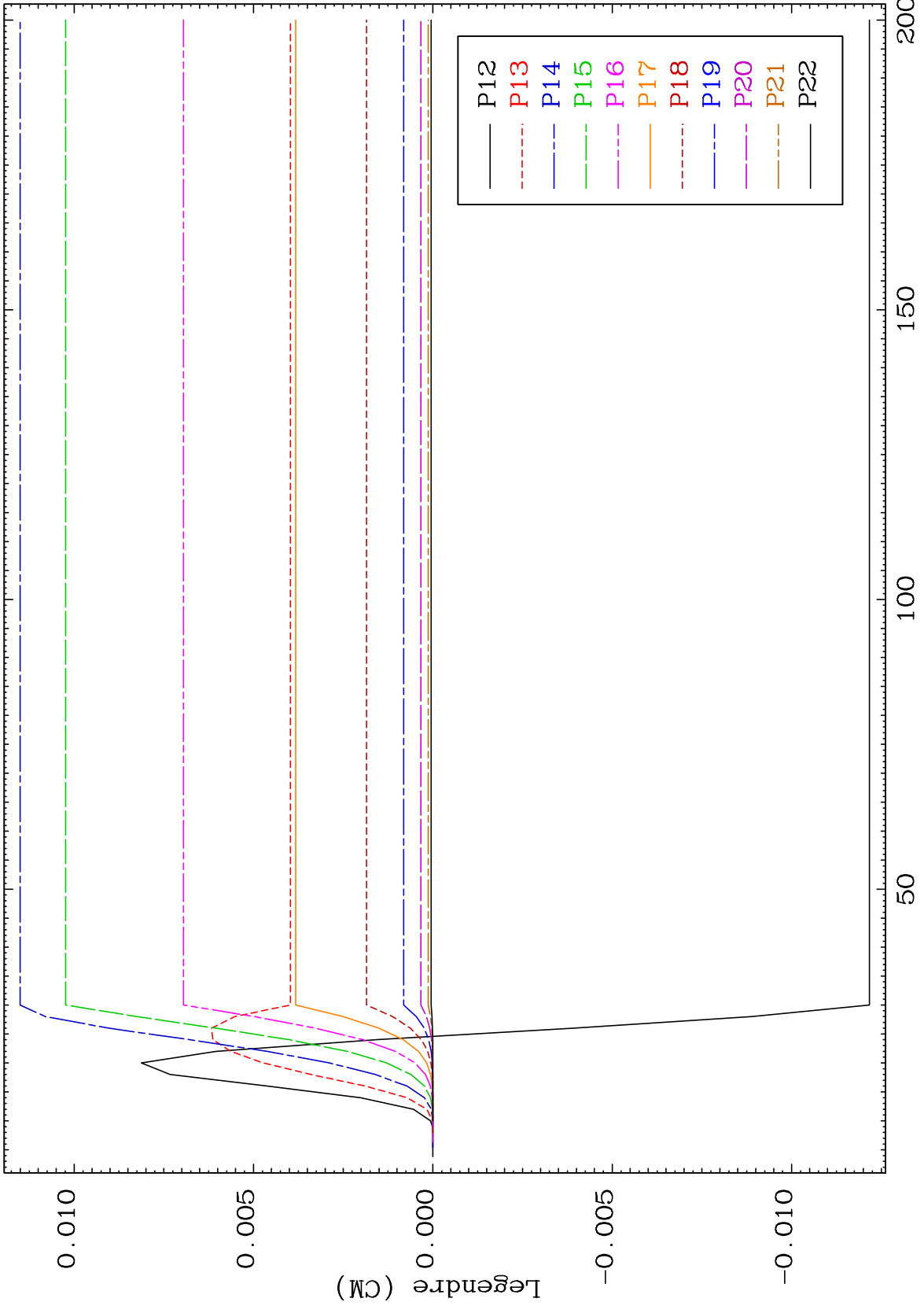
Incident Energy (MeV)

30-Zn-63

MAT 3022 MT= 72 (n,n') Level Legendre Coefficients 30-Zn-63



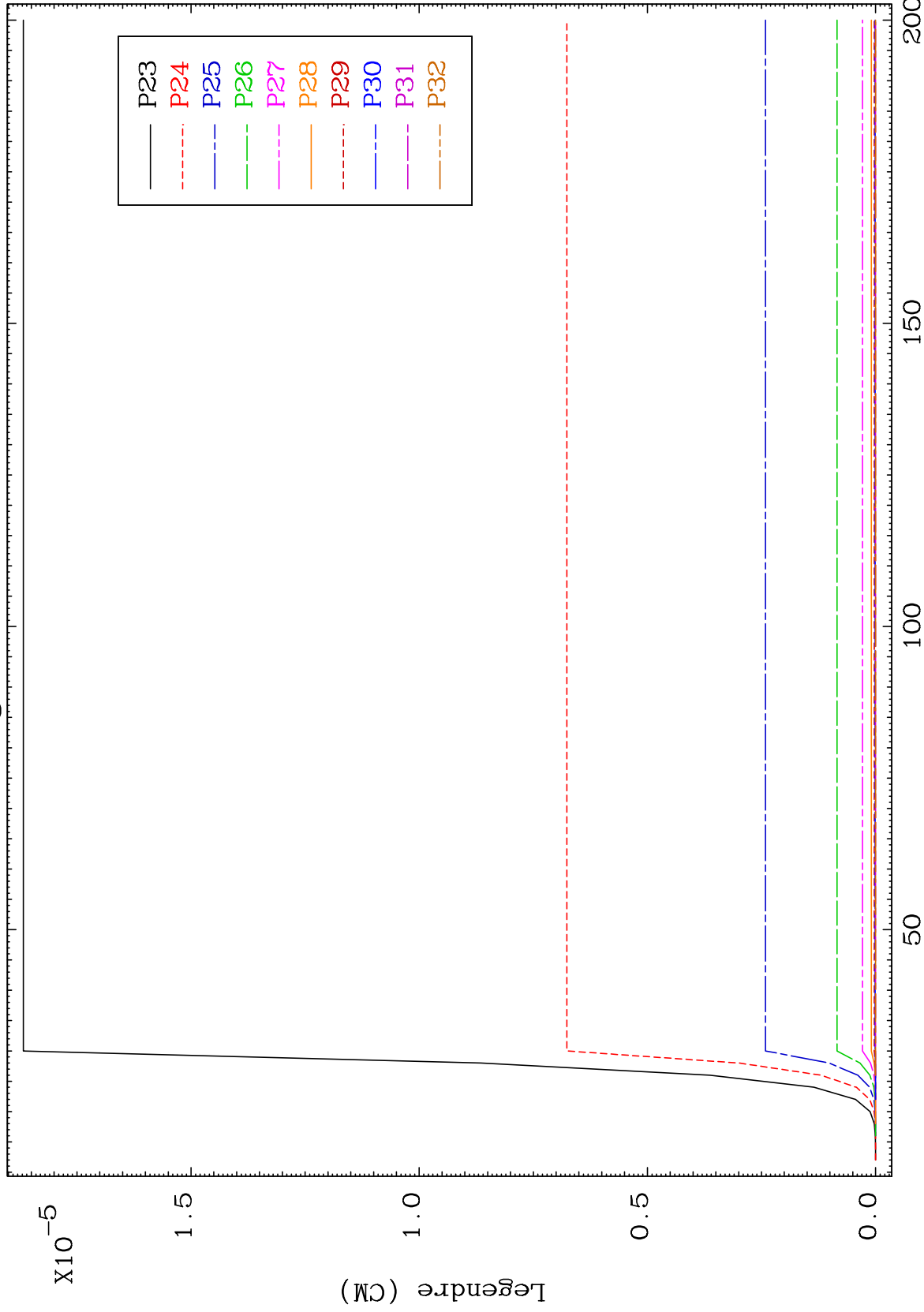
85 Incident Energy (MeV) 30-Zn-63



MAT 3022

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

30-Zn-63



87

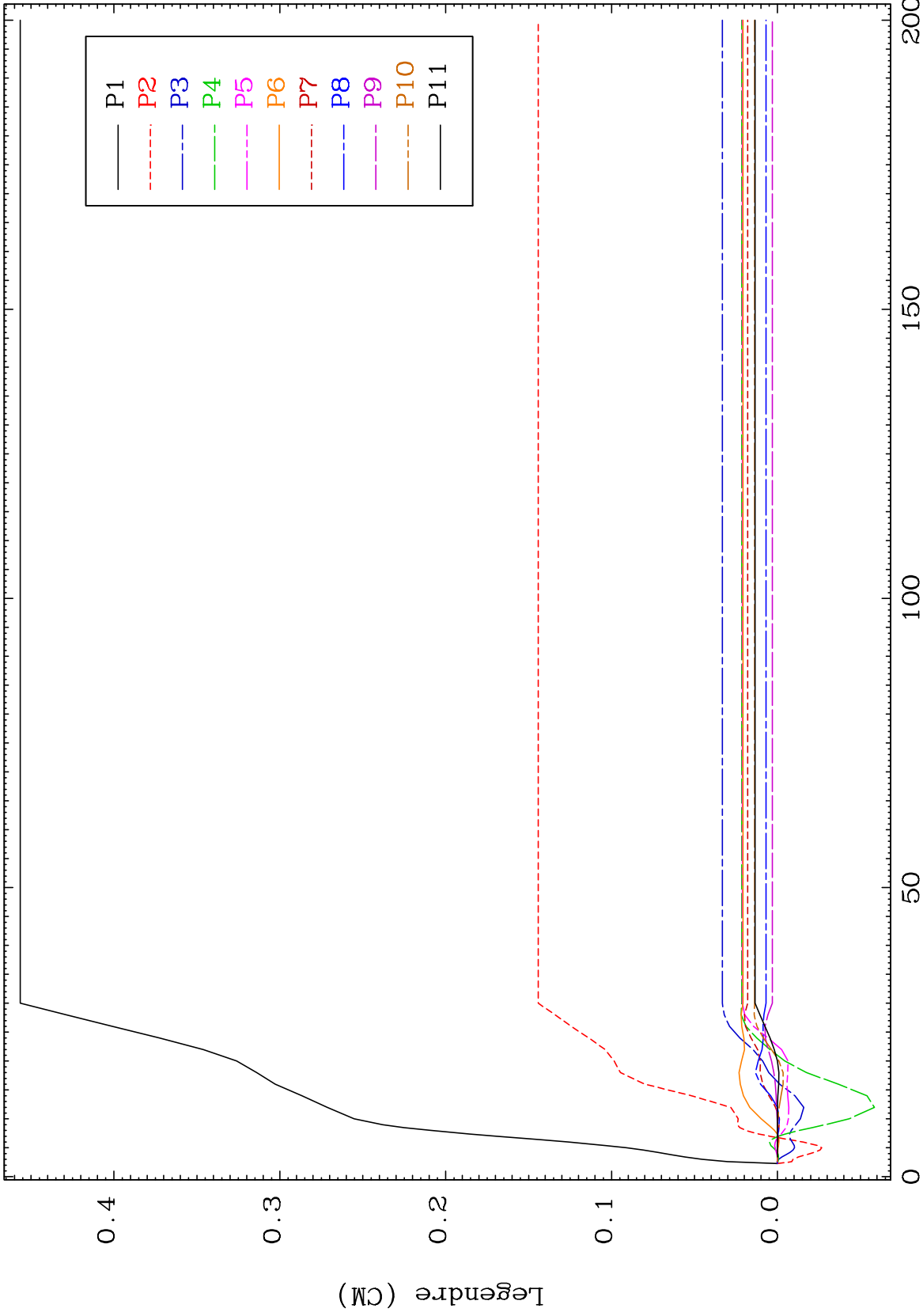
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63



88

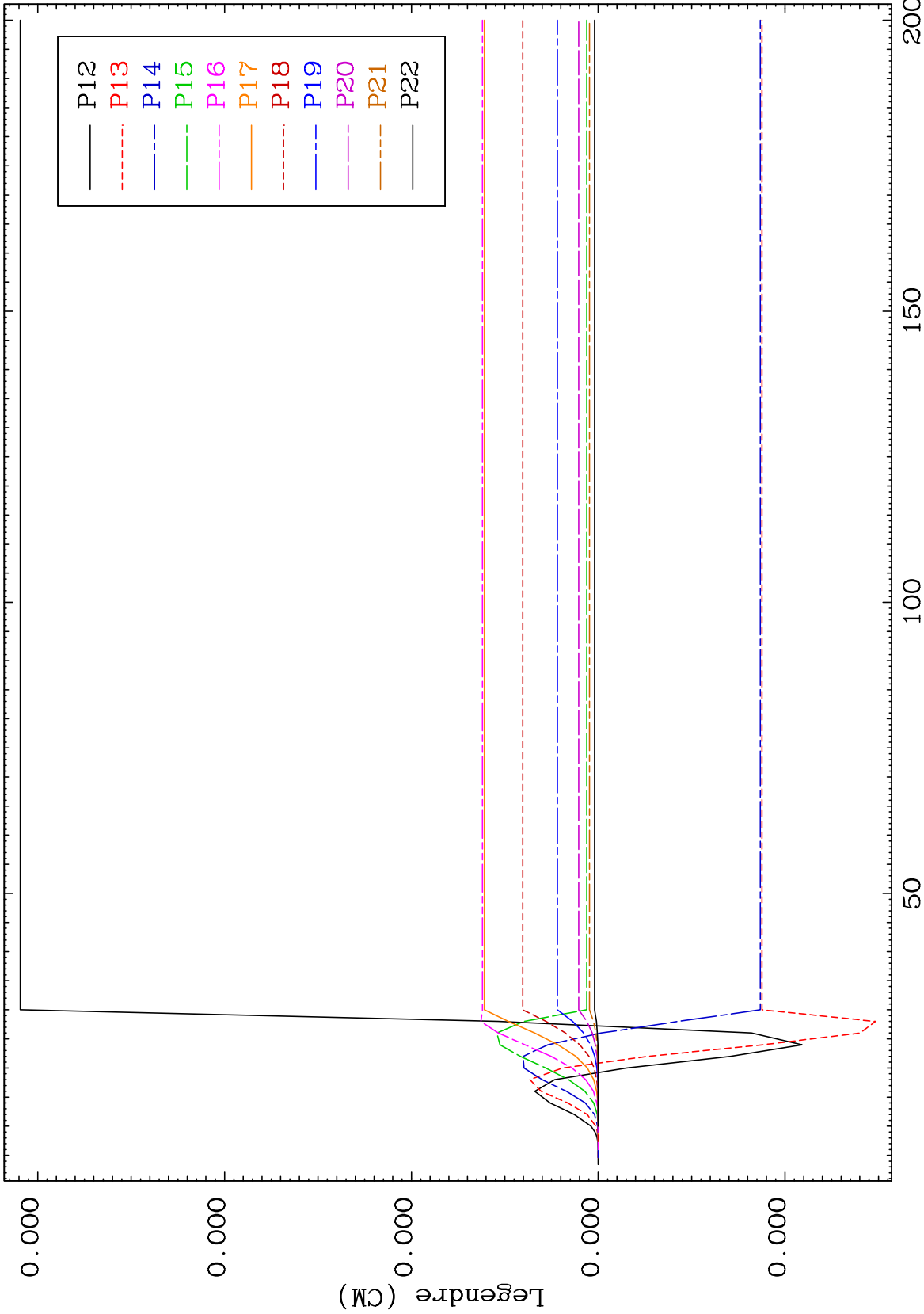
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63



89

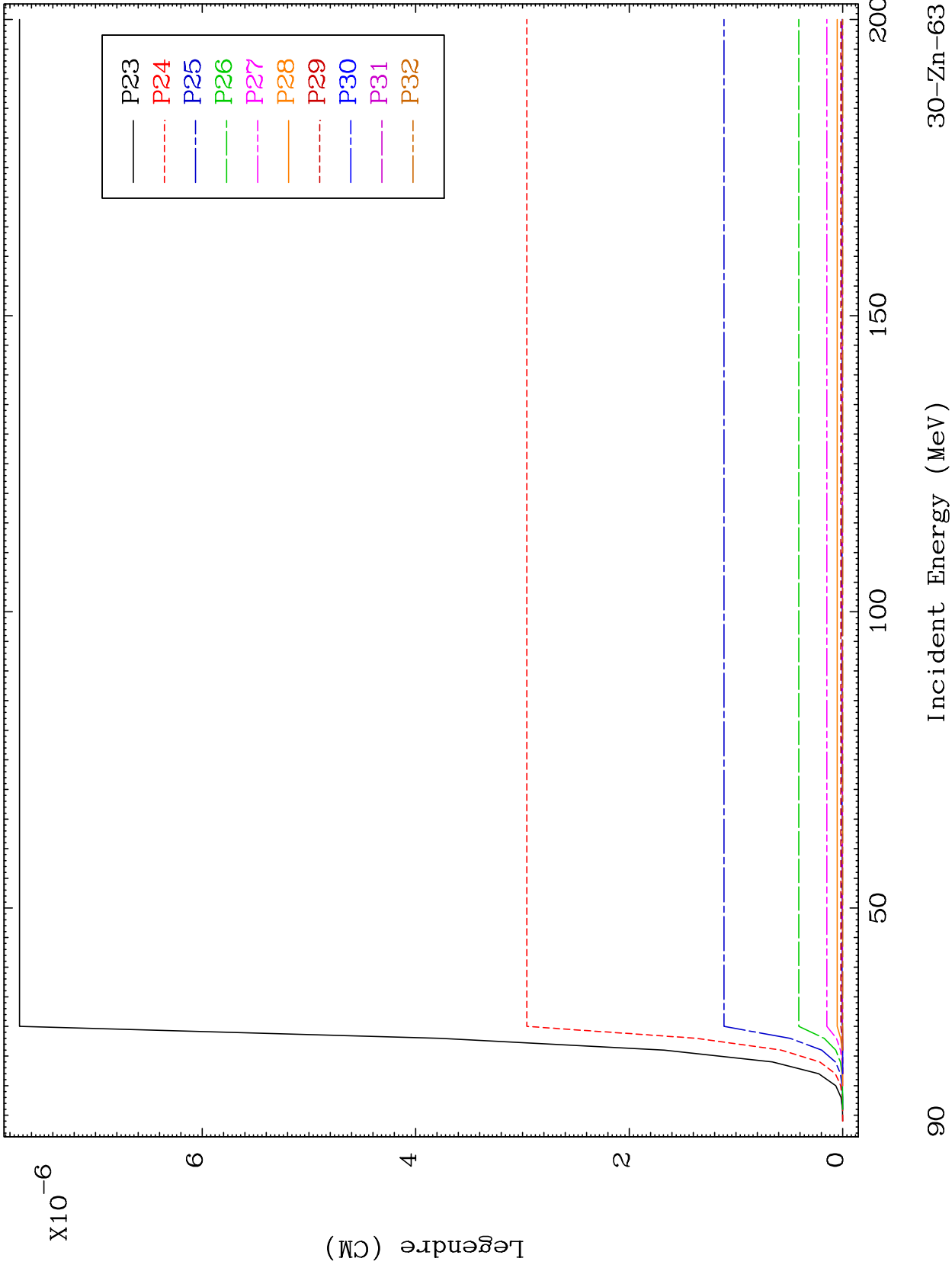
Incident Energy (MeV)

30-Zn-63

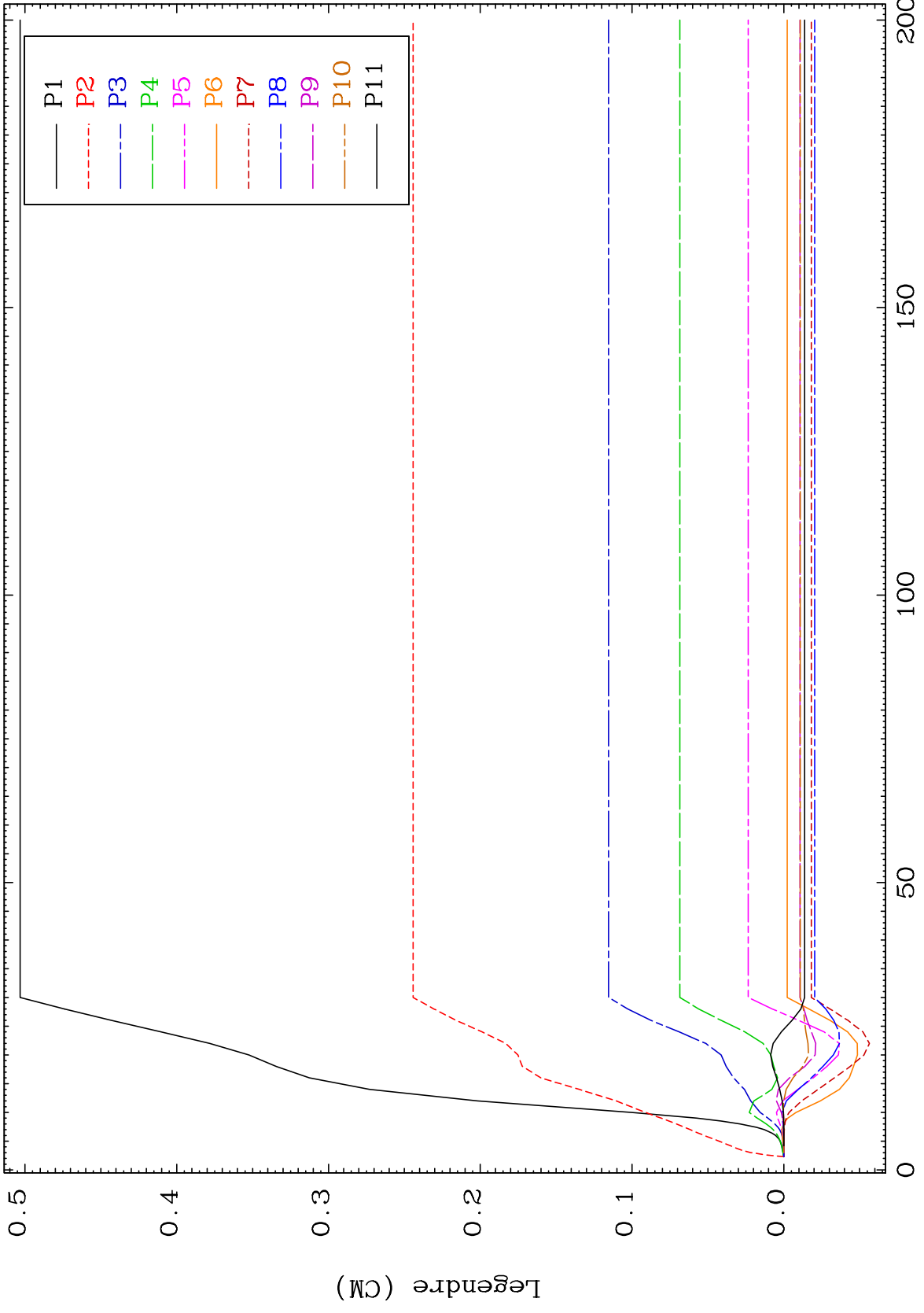
MAT 3022

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

30-Zn-63

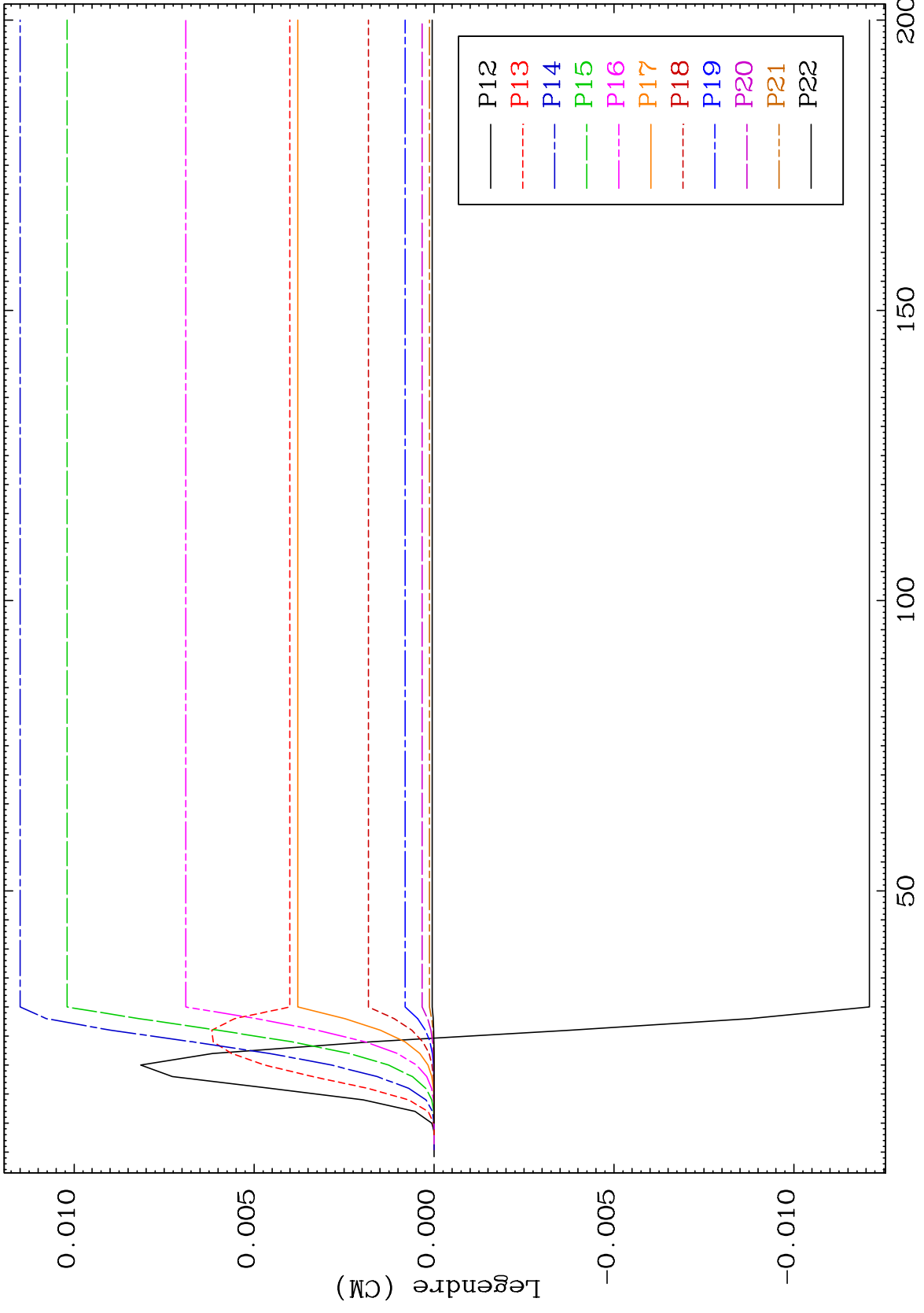


MAT 3022 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-63



91 30-Zn-63

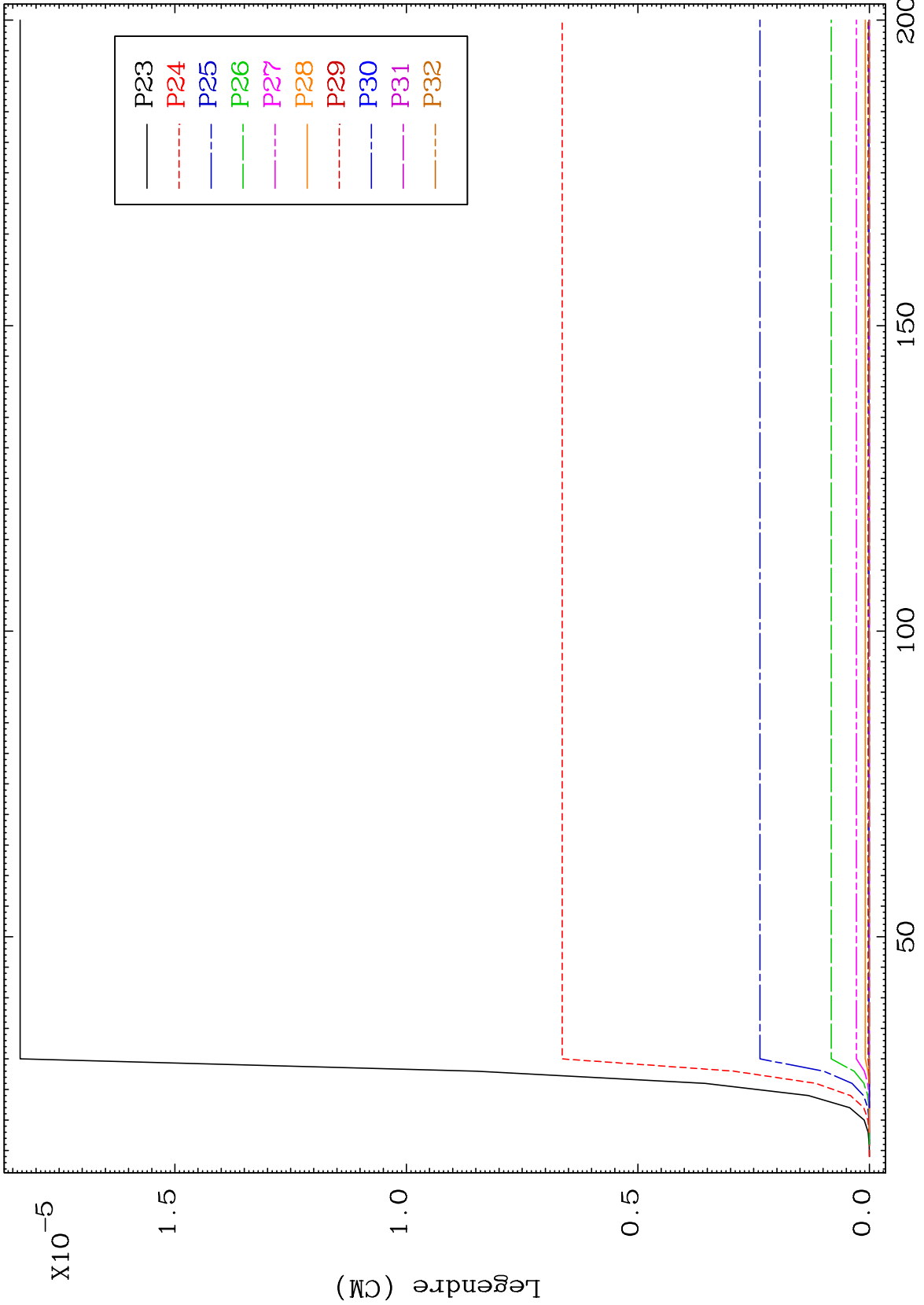
MAT 3022 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63

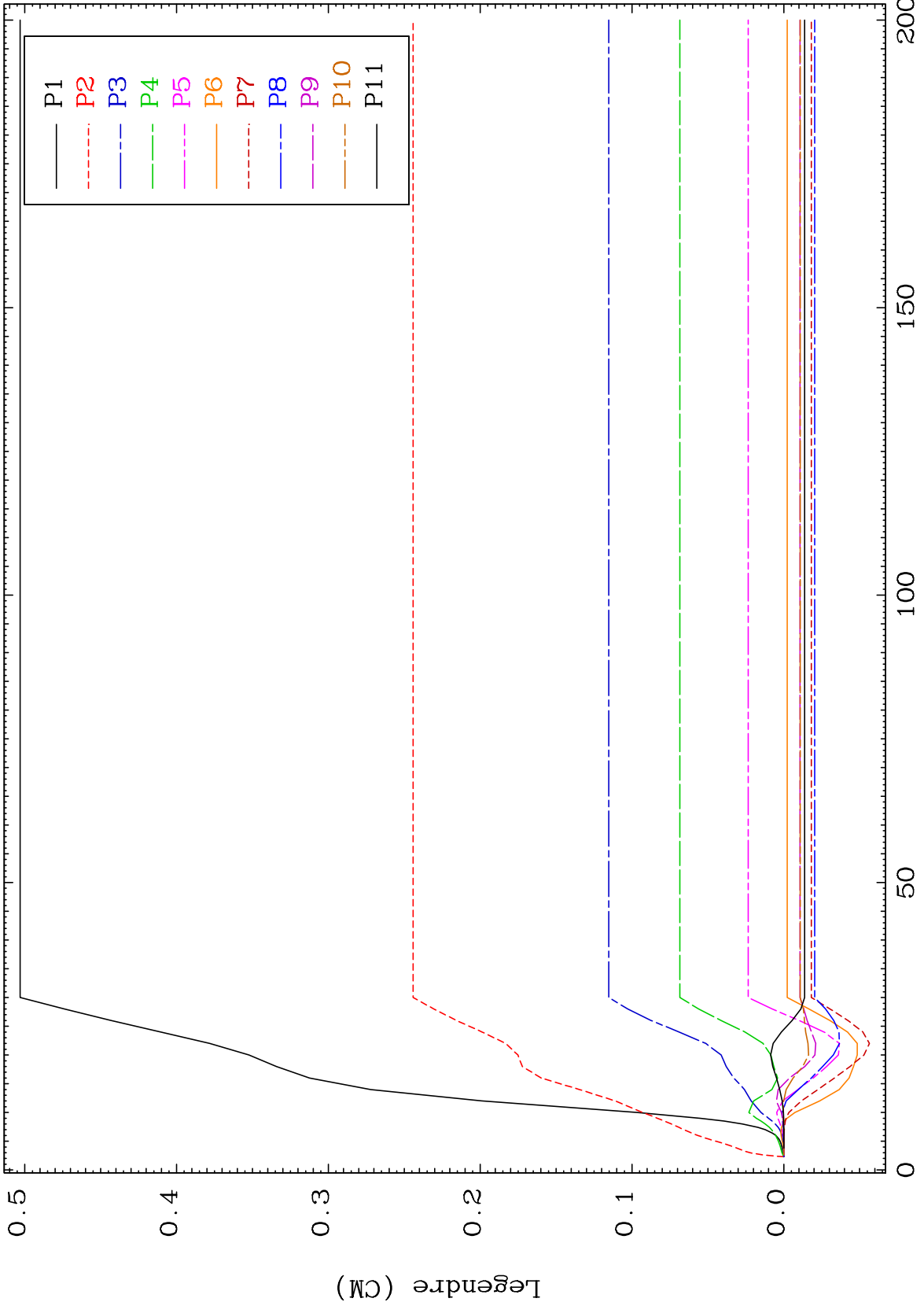


93

Incident Energy (MeV)

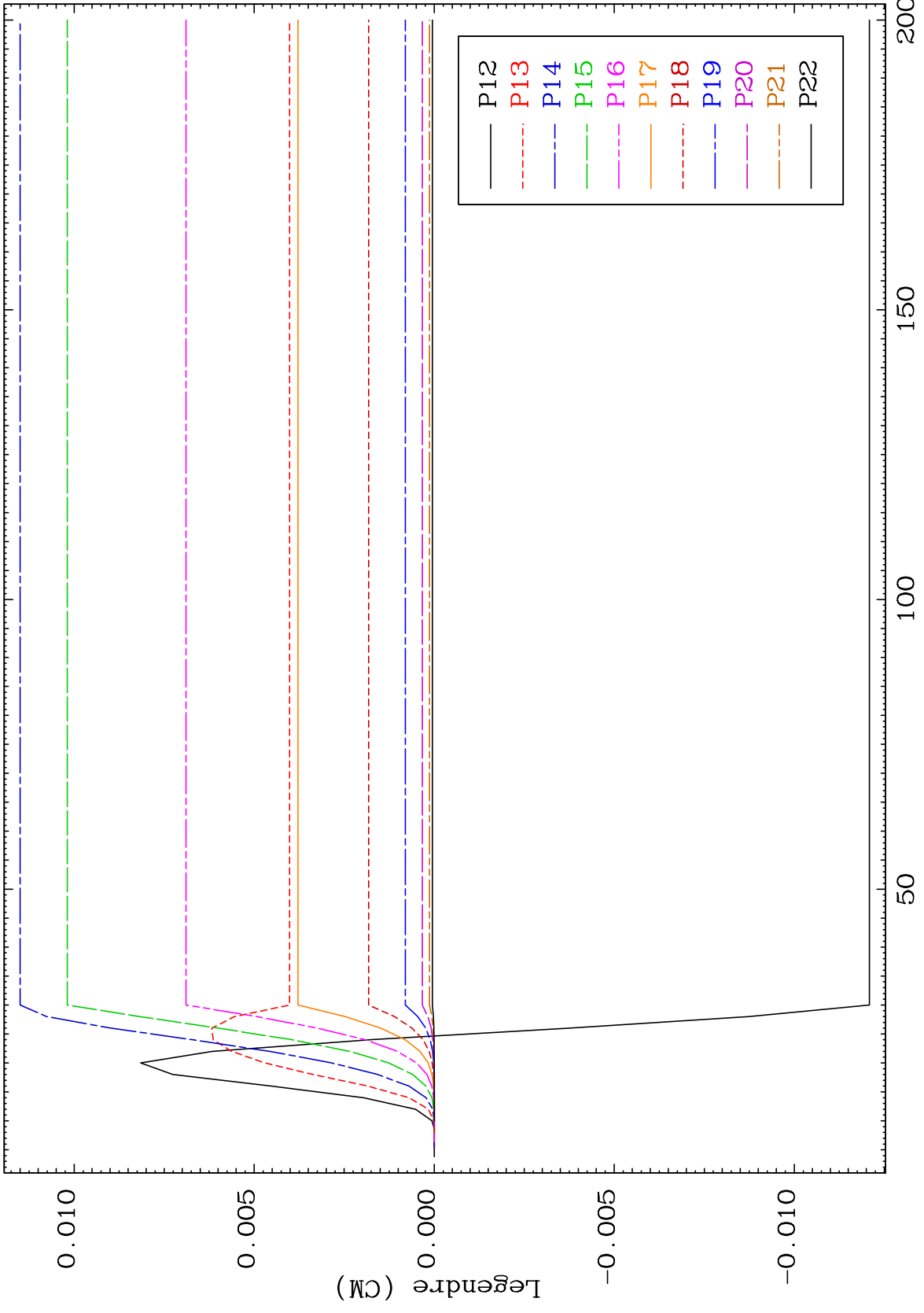
30-Zn-63

MAT 3022 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-63



94 30-Zn-63

MAT 3022 MT= 75 (n,n') Level Legendre Coefficients 30-Zn-63

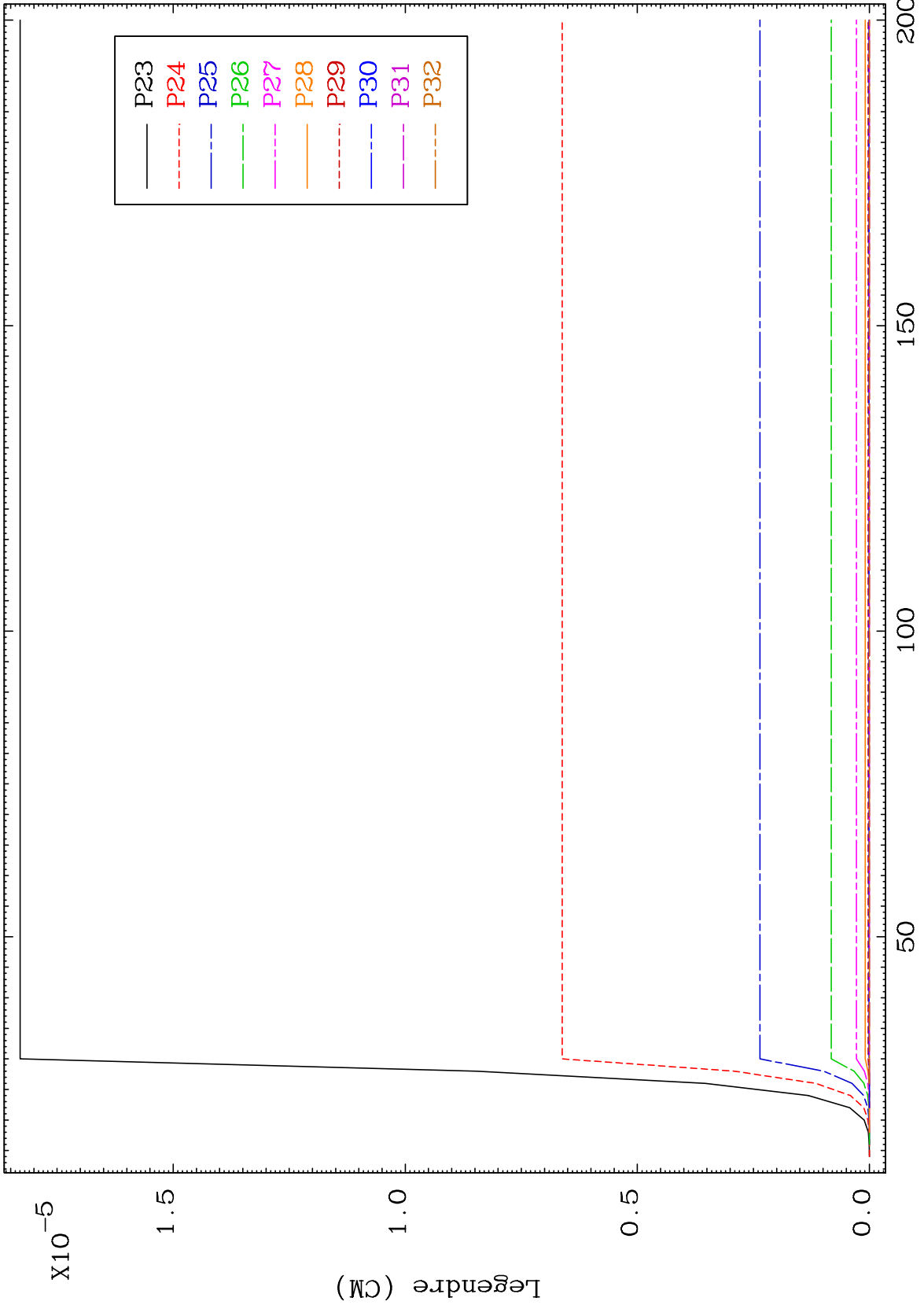


95 Incident Energy (MeV) 30-Zn-63

MAT 3022

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

30-Zn-63



96

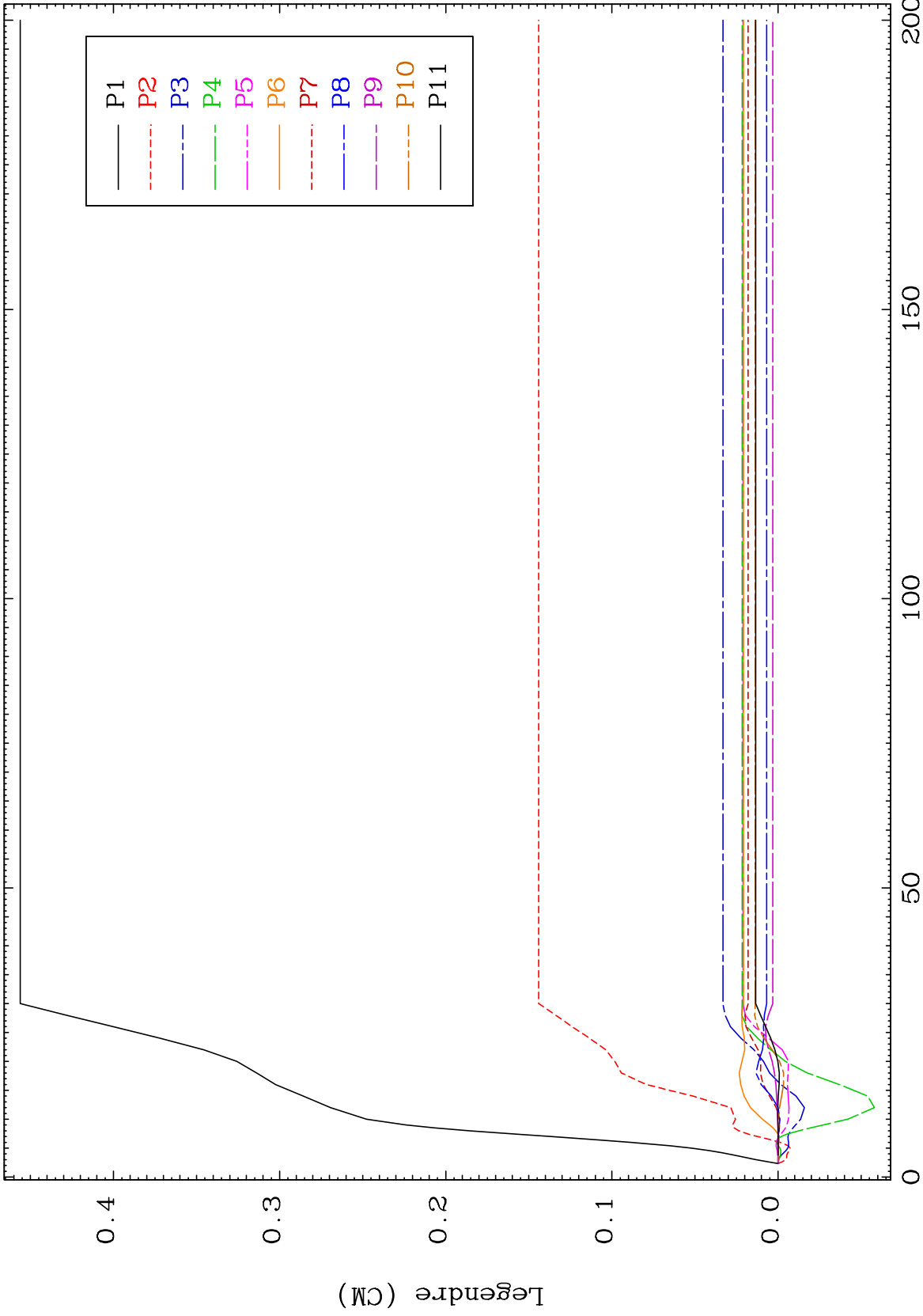
Incident Energy (MeV)

30-Zn-63

MAT 3022

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

30-Zn-63

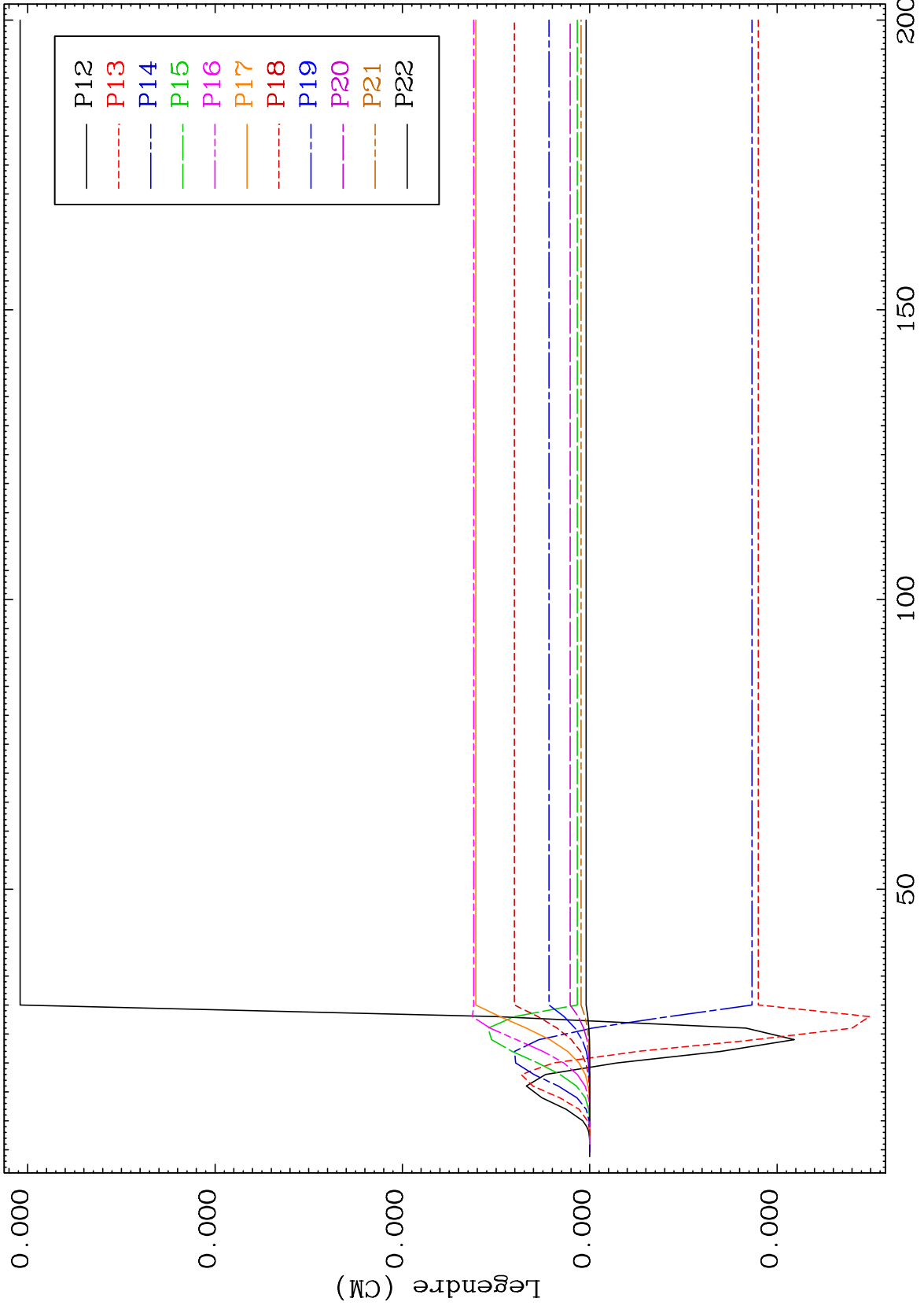


97

Incident Energy (MeV)

30-Zn-63

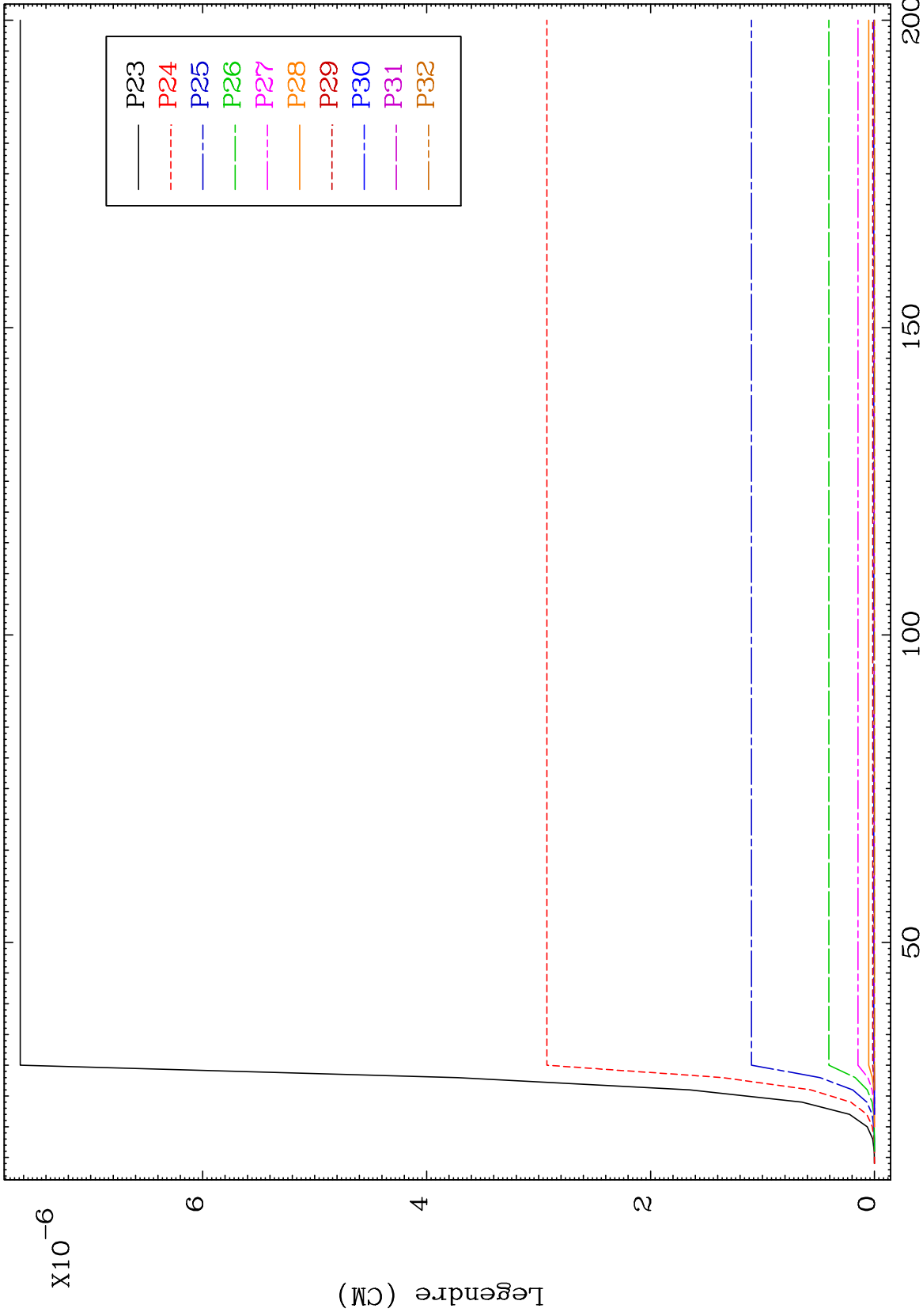
MAT 3022 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

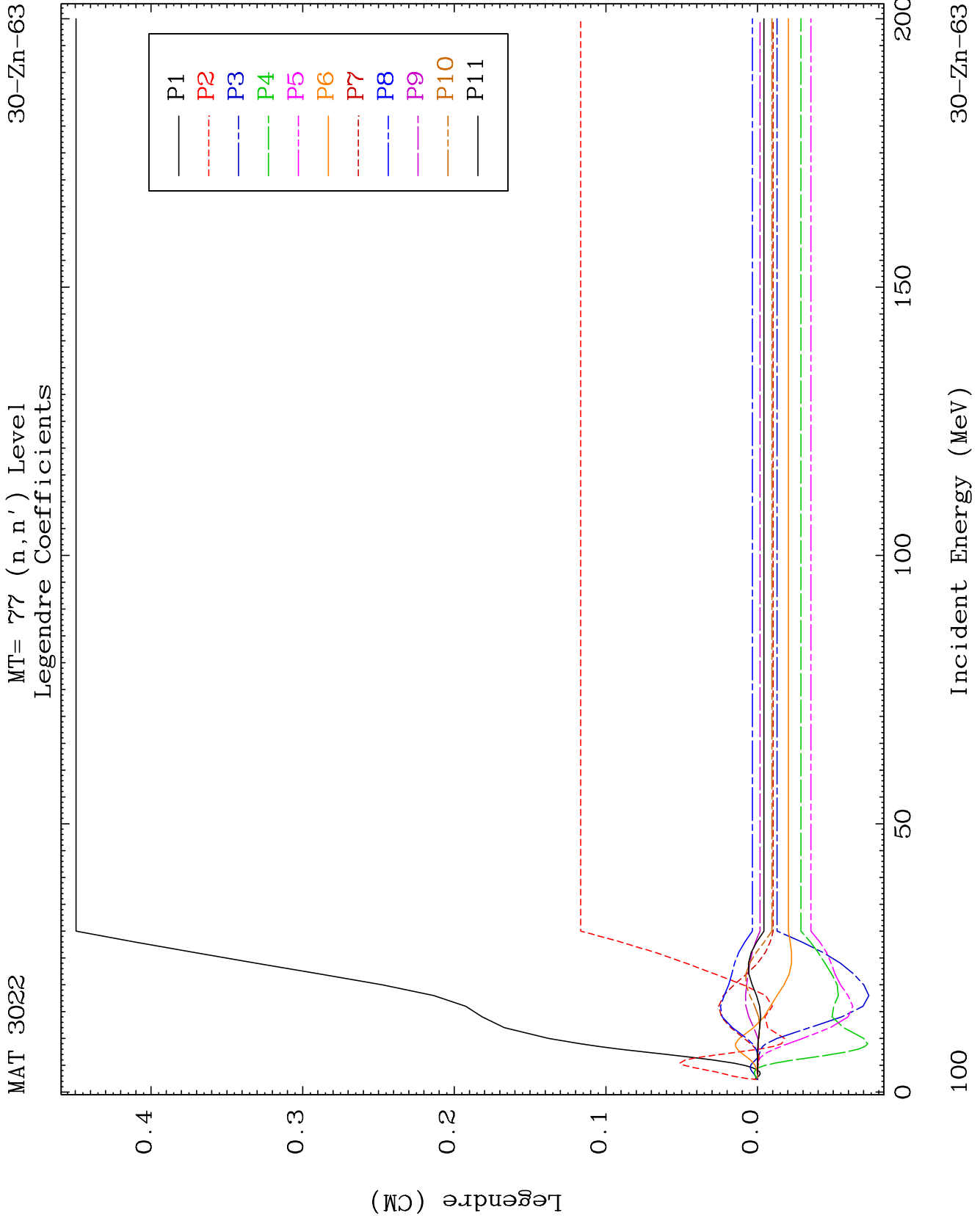
30-Zn-63



99

Incident Energy (MeV)

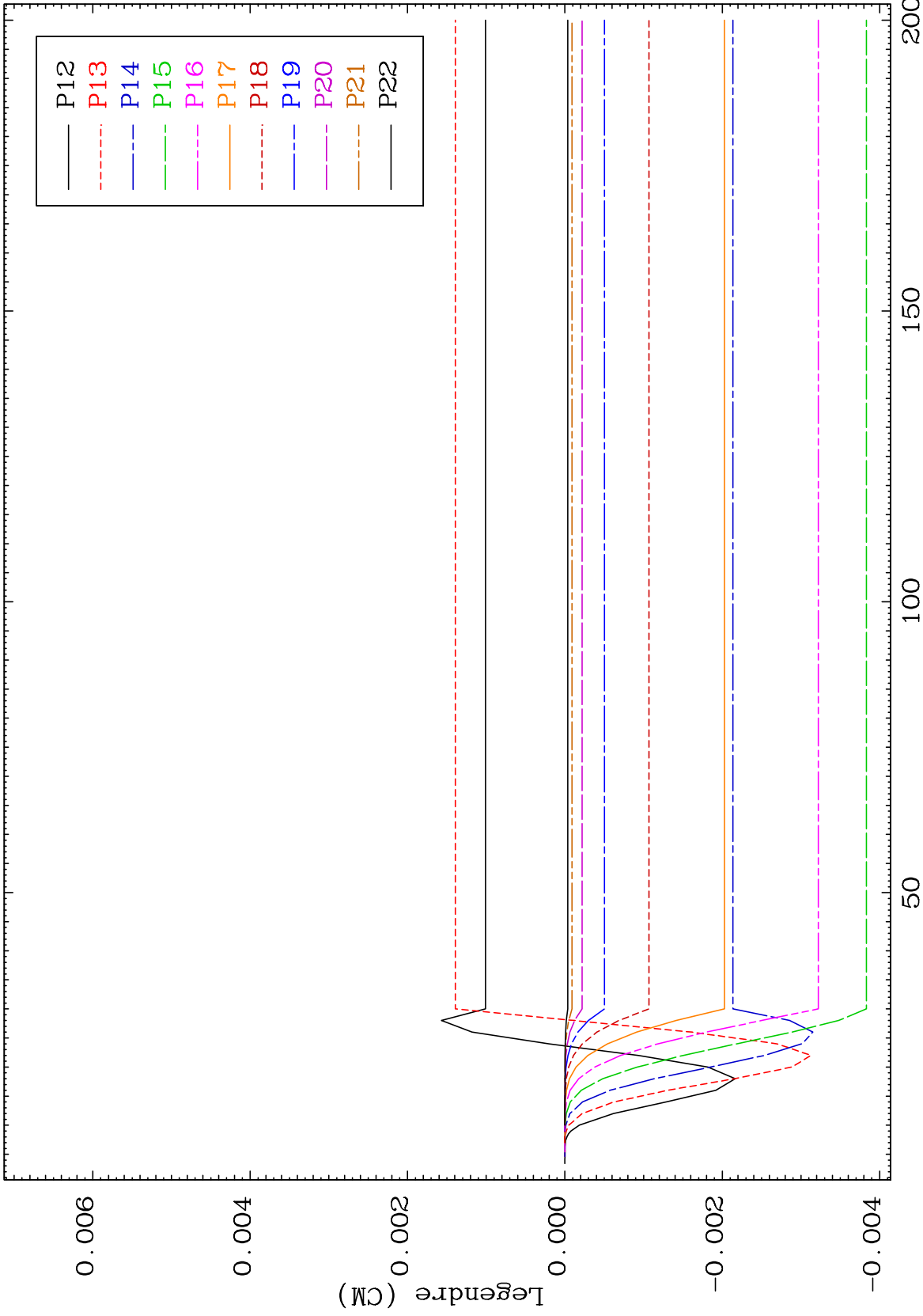
30-Zn-63



MAT 3022

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

30-Zn-63

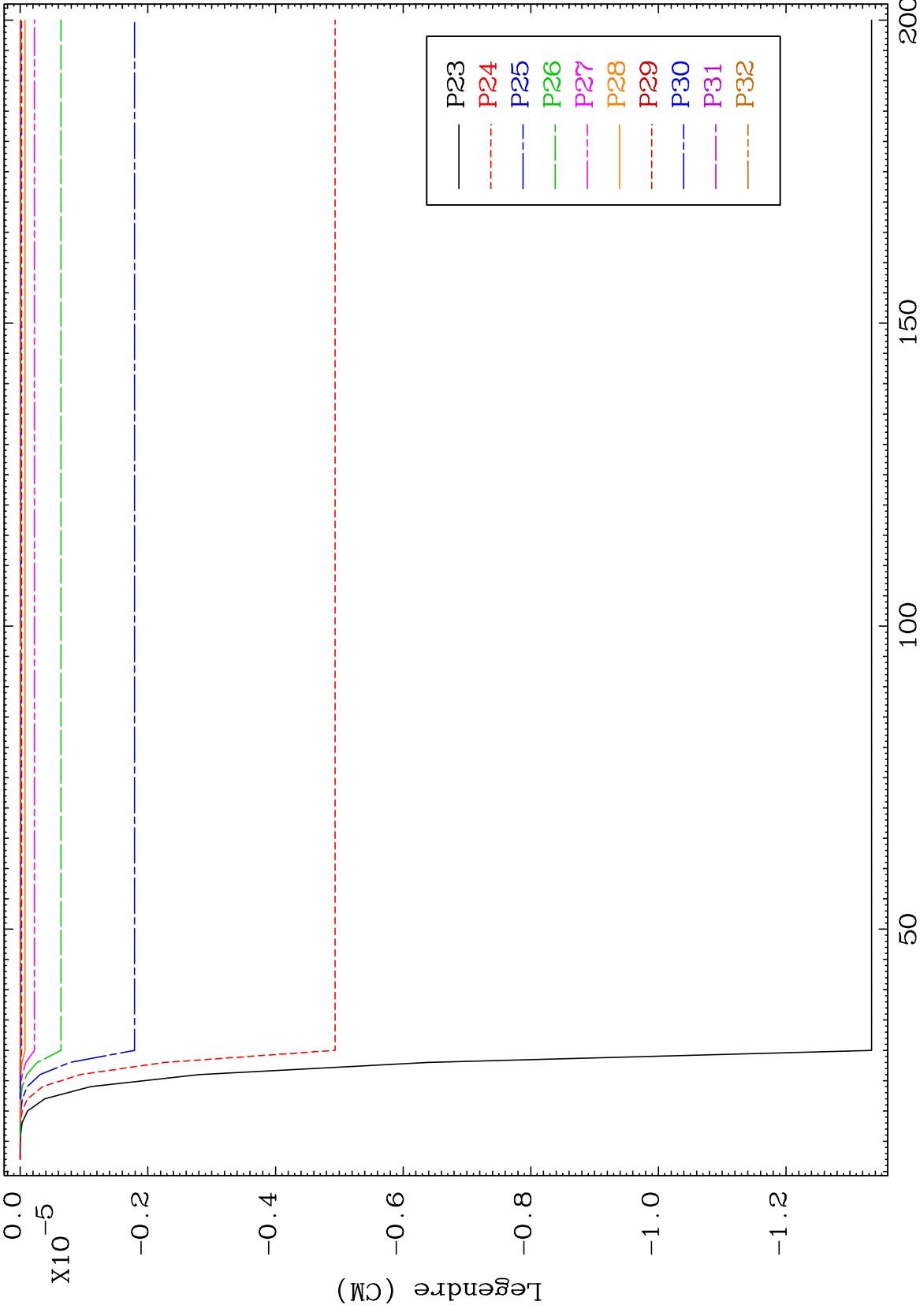


101

Incident Energy (MeV)

30-Zn-63

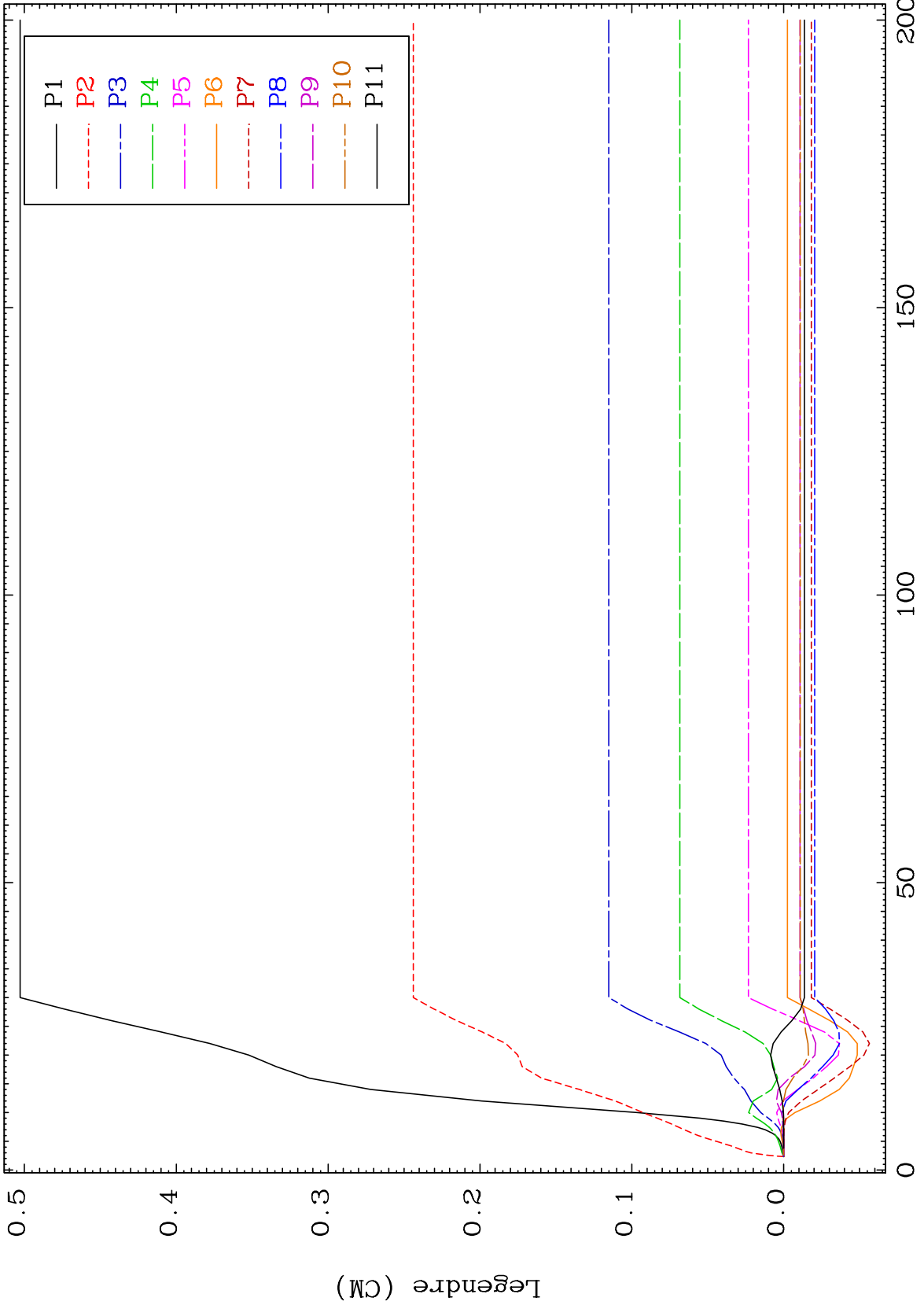
MAT 3022 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022 MT= 78 (n,n') Level Legendre Coefficients

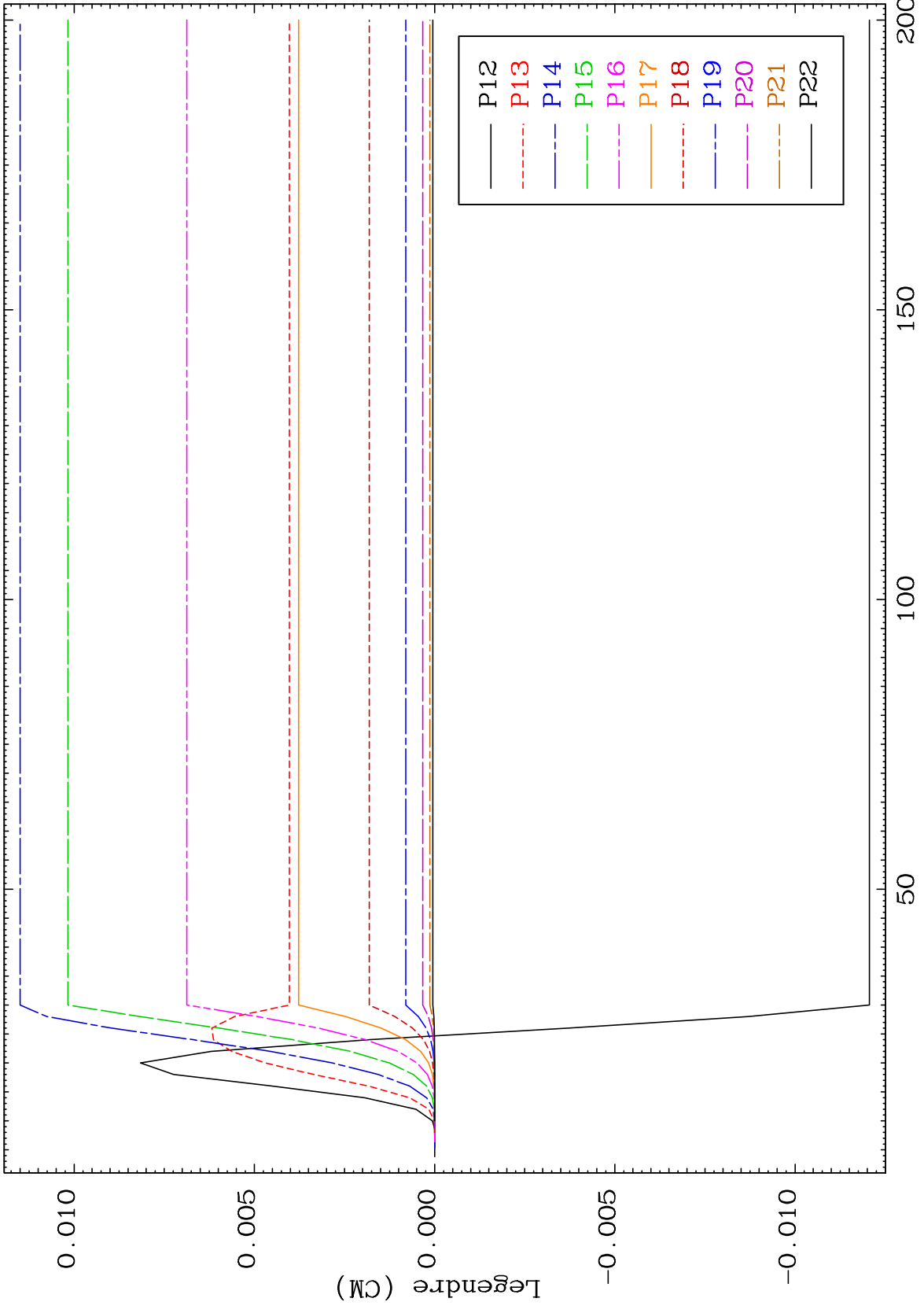
30-Zn-63

30-Zn-63



103

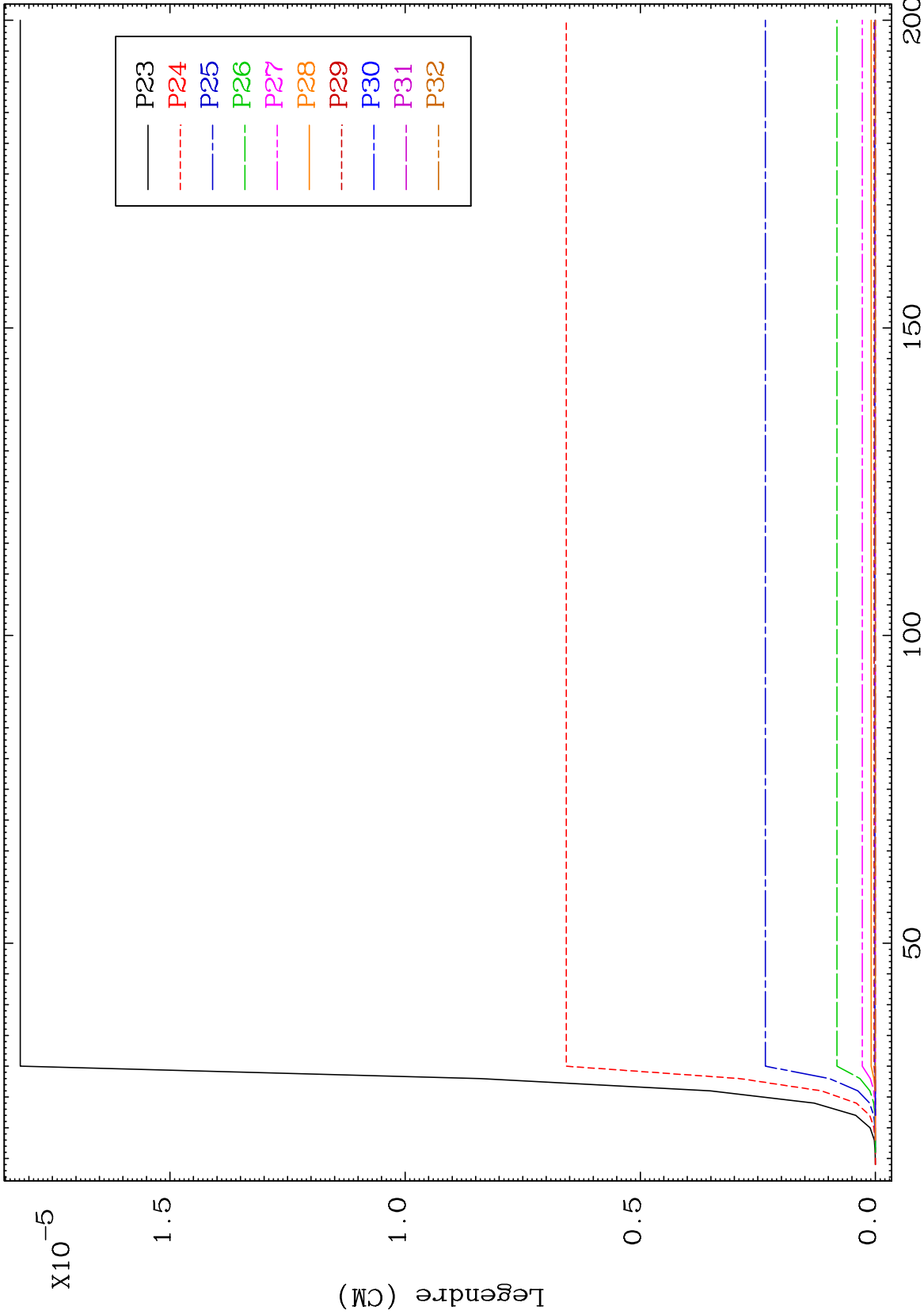
MAT 3022 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63

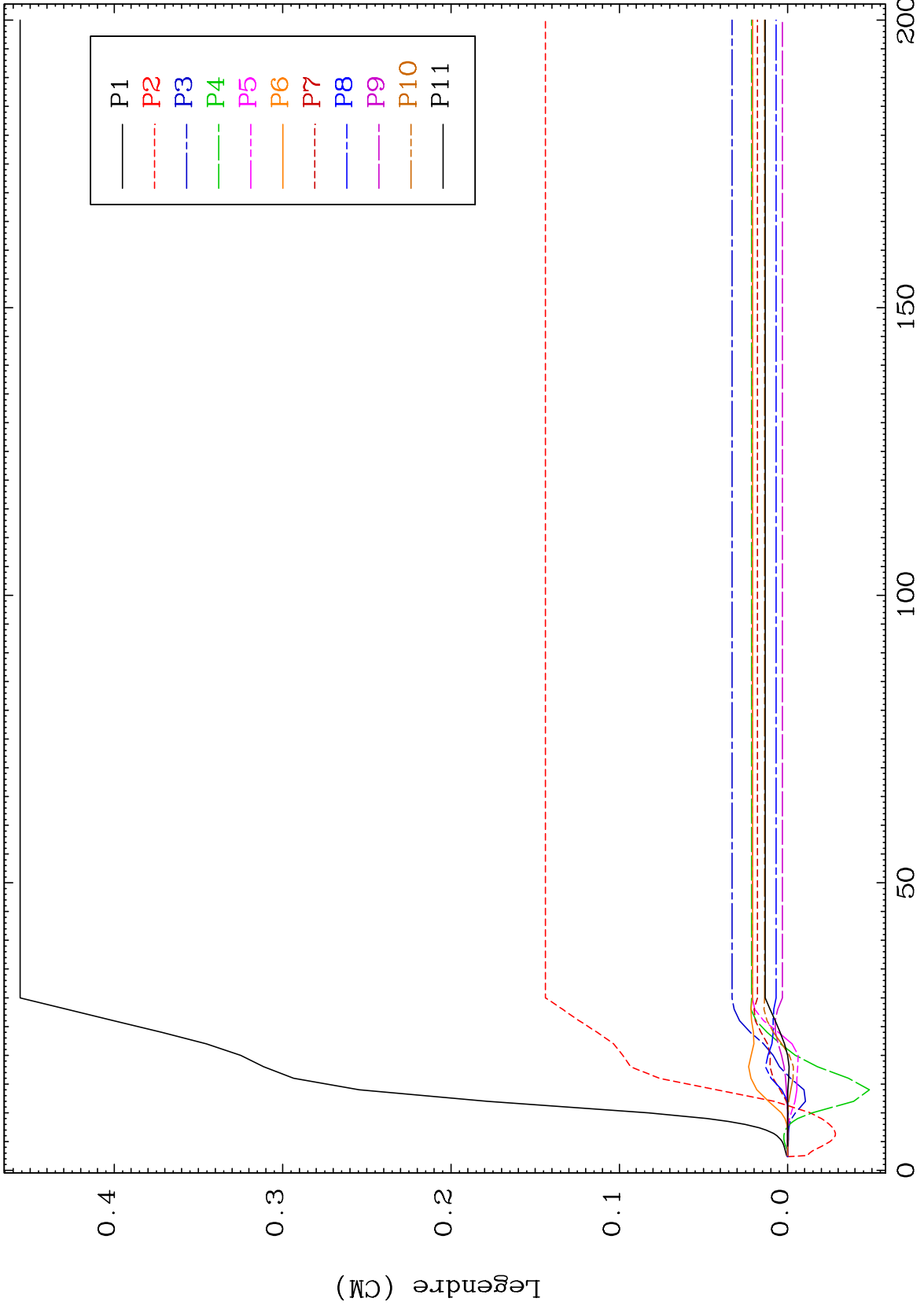


105

Incident Energy (MeV)

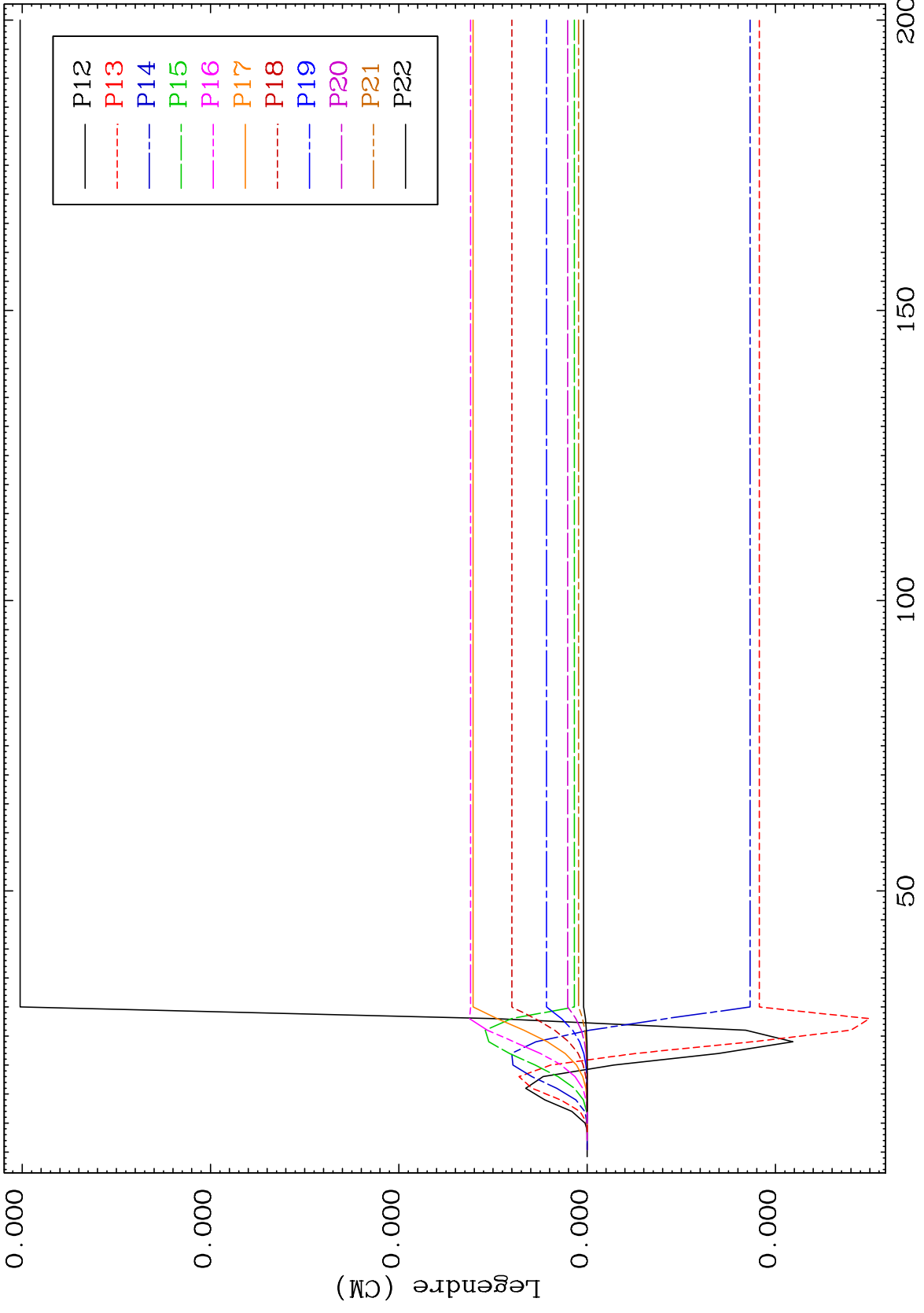
30-Zn-63

MAT 3022 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-63



Incident Energy (MeV) 106 30-Zn-63

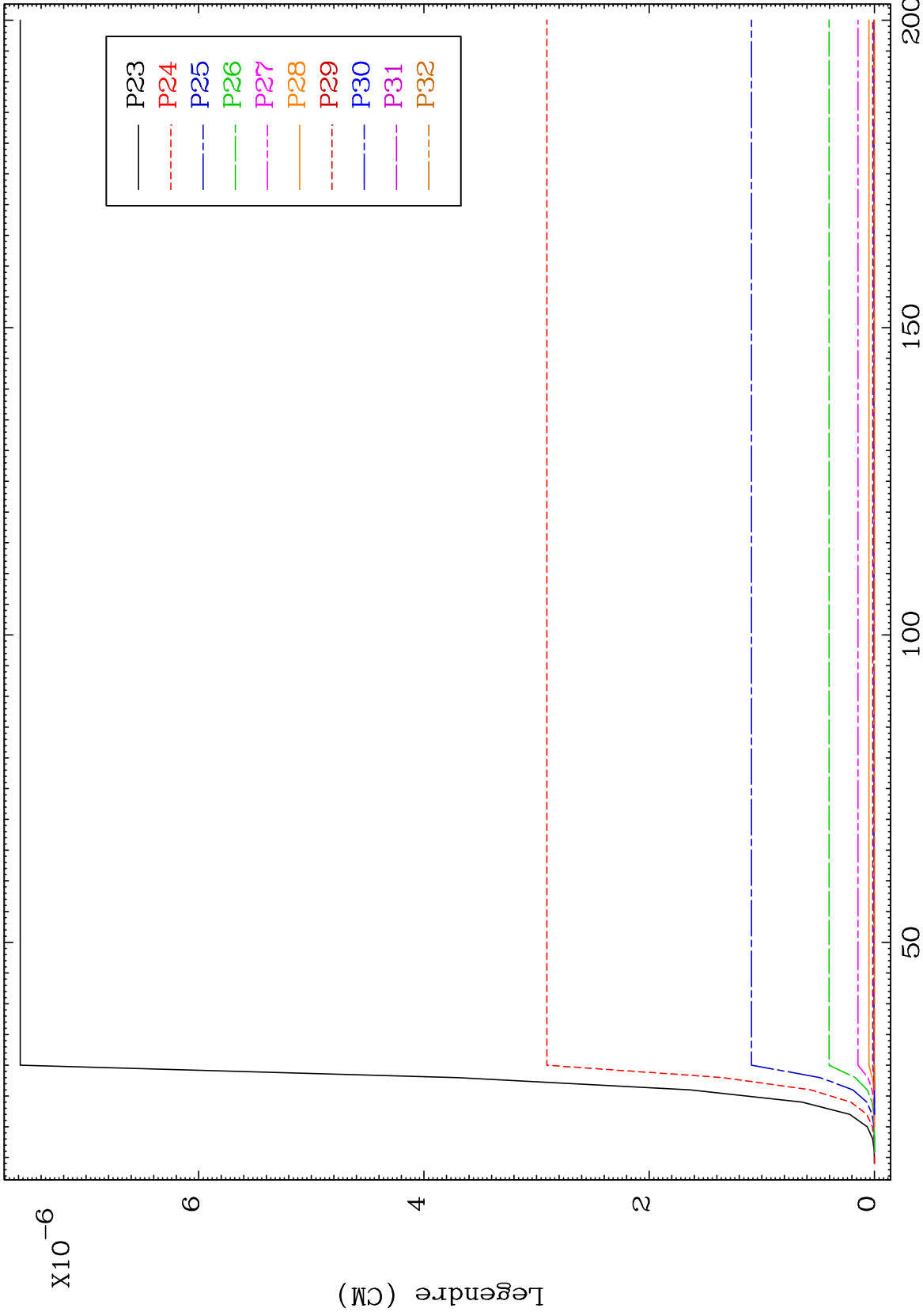
MAT 3022 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-63



MAT 3022

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

30-Zn-63

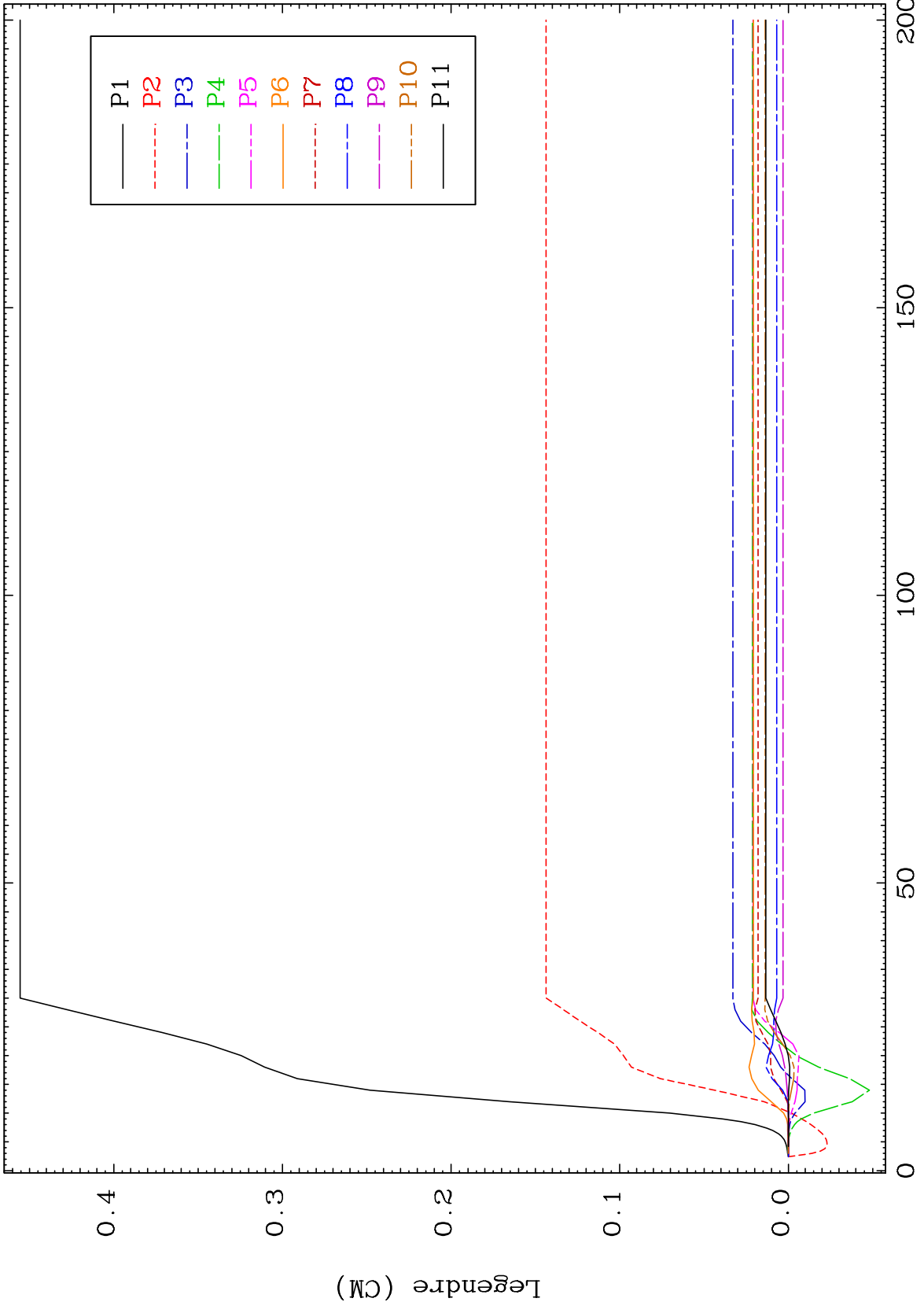


108

Incident Energy (MeV)

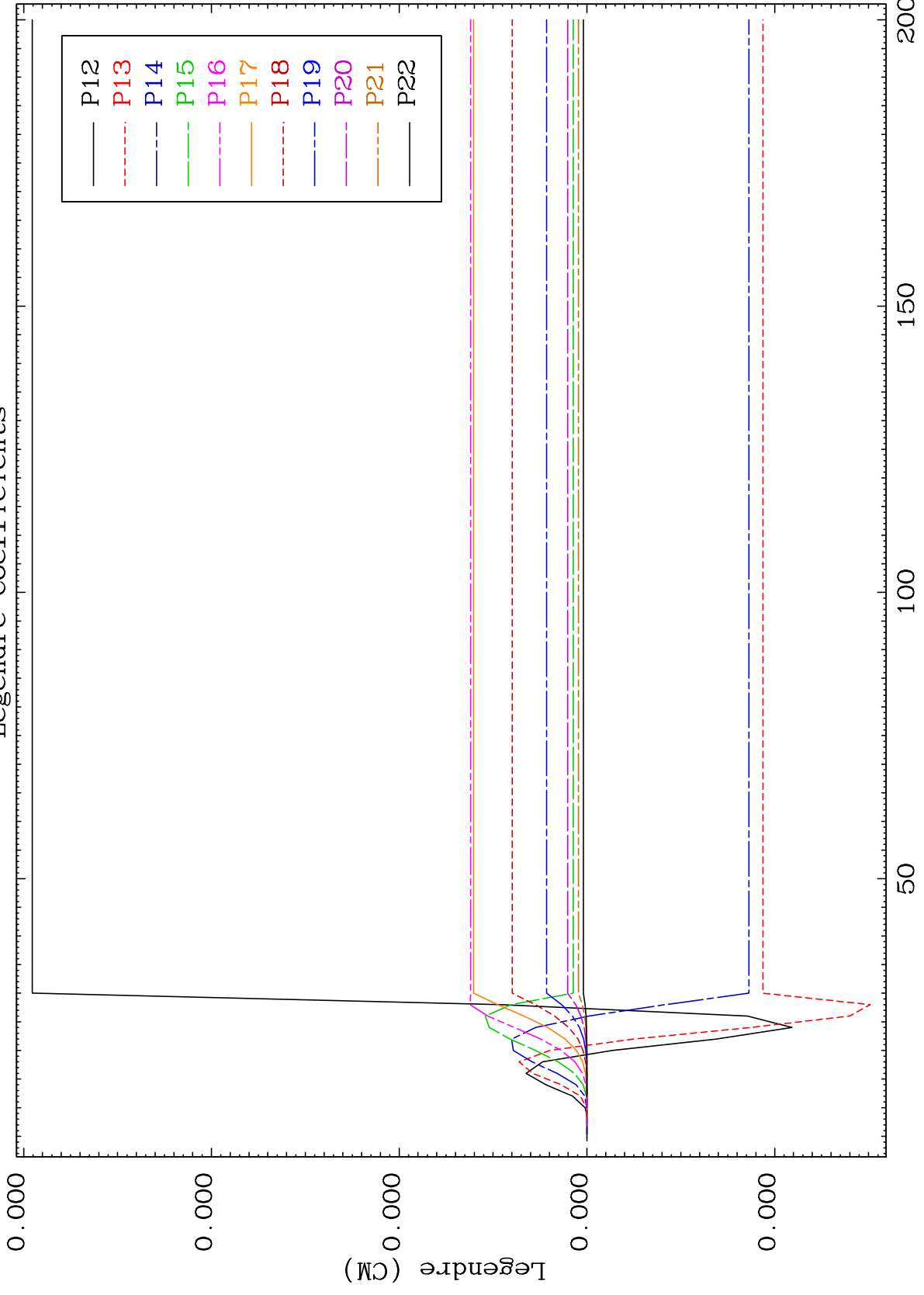
30-Zn-63

MAT 3022 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-63



109 Incident Energy (MeV) 30-Zn-63

MAT 3022 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-63

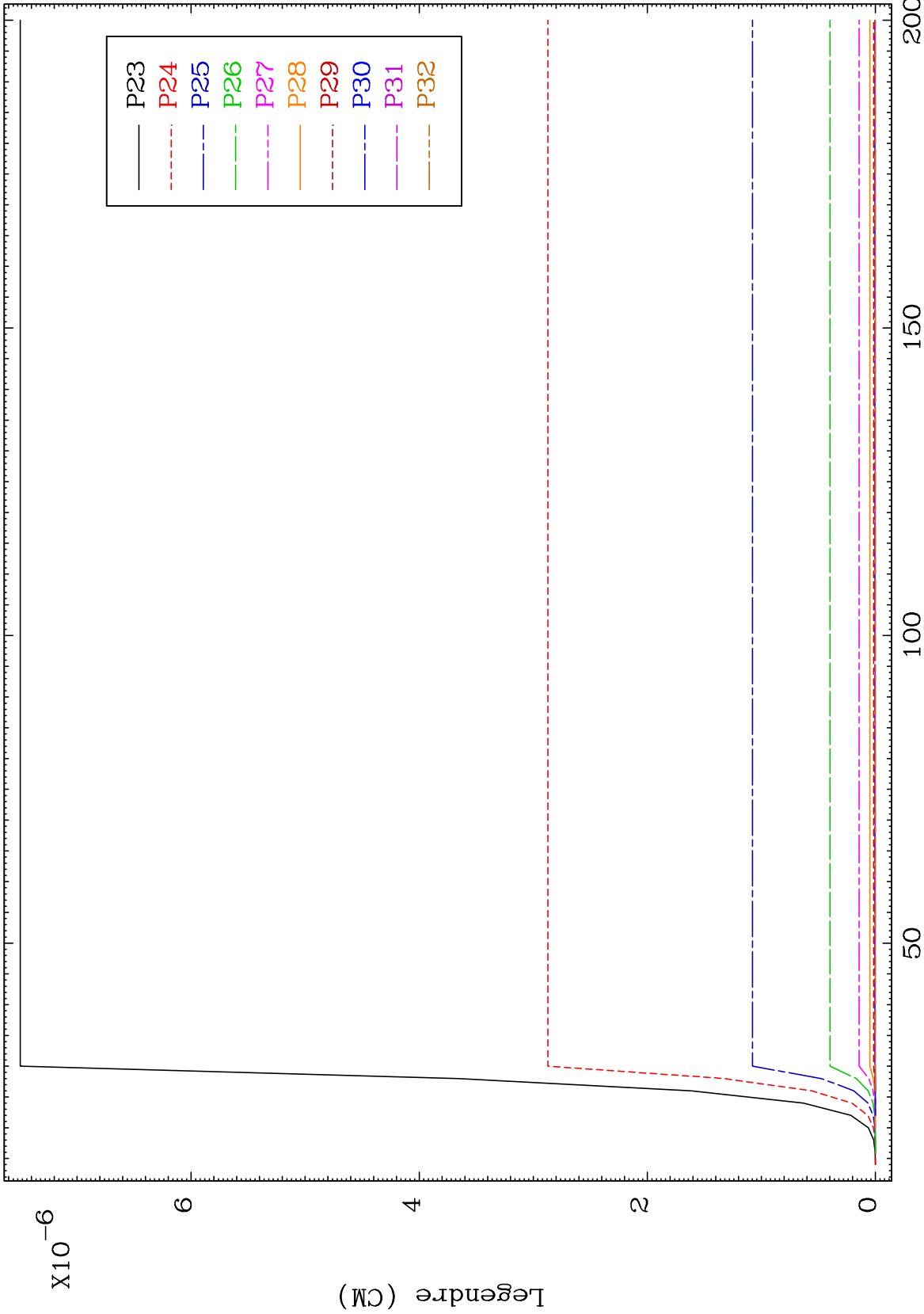


110 Incident Energy (MeV) 30-Zn-63

MAT 3022

MT= 80 (n,n') Level
Legendre Coefficients

30-Zn-63

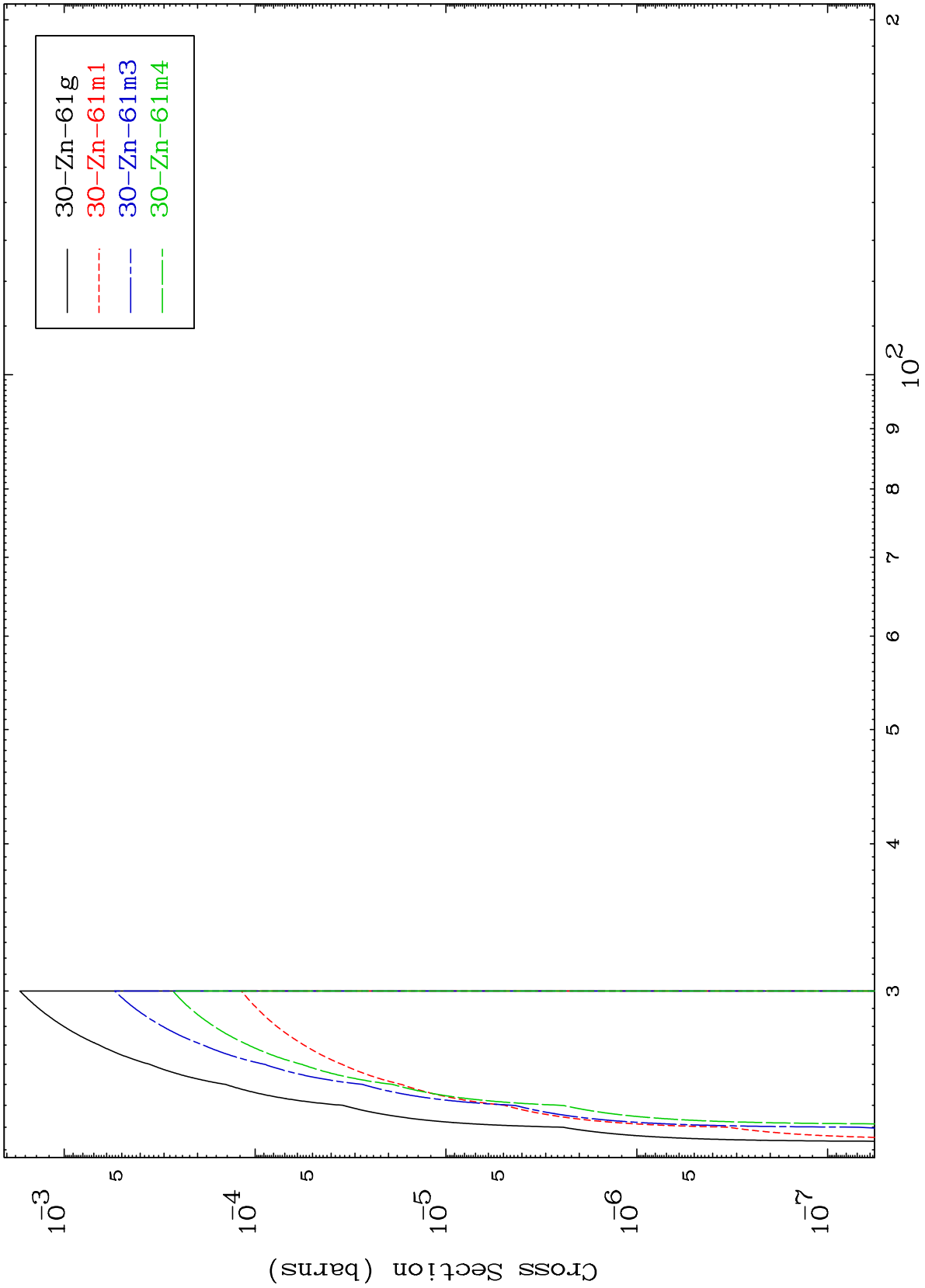


111

Incident Energy (MeV)

30-Zn-63

(n,3n)
Radionuclide Production Cross Section

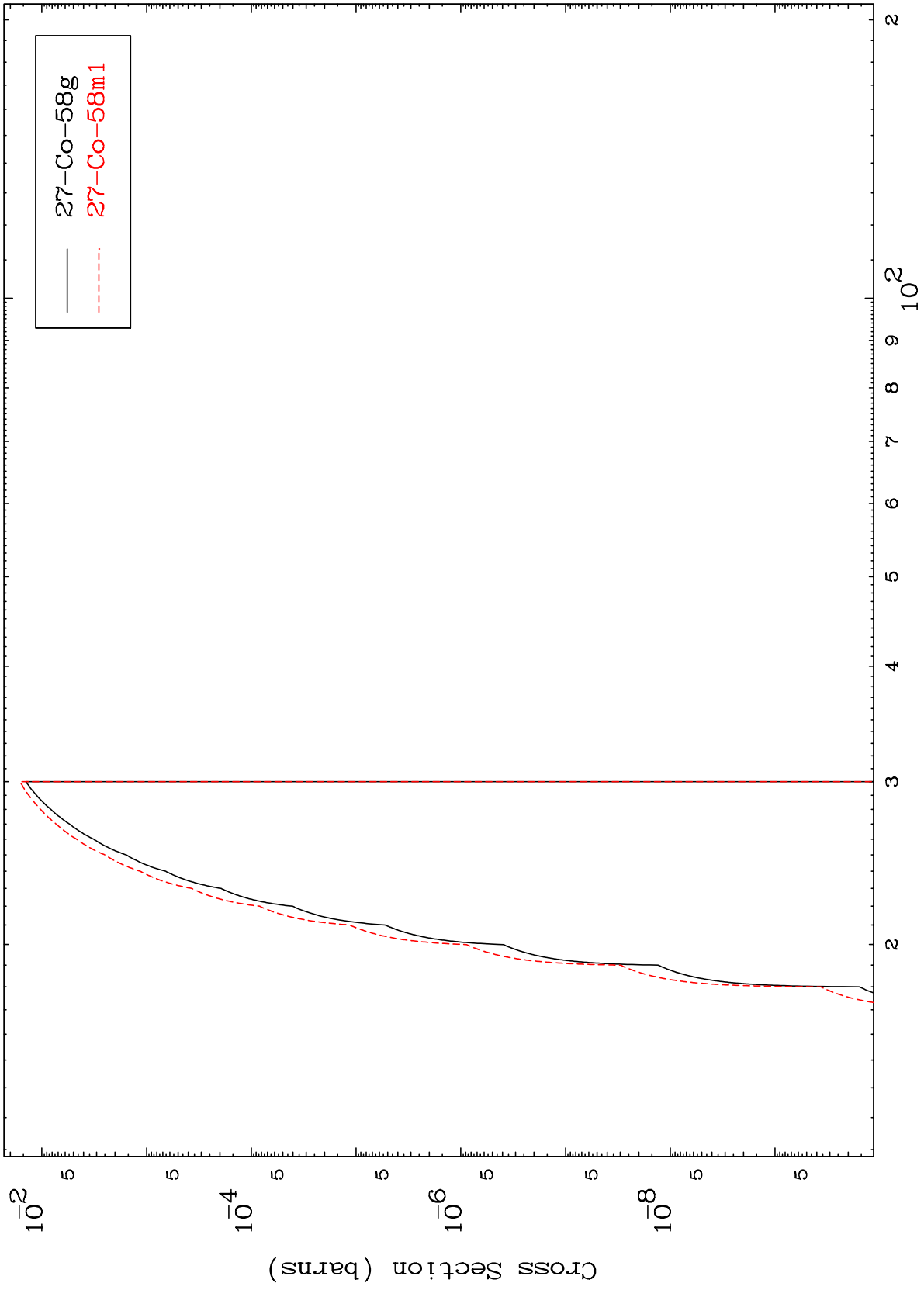


MAT 3022

(n,n') p α

30-Zn-63

Radionuclide Production Cross Section



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Incident Energy (MeV)

30-Zn-63

MAT 3022

(n,d) α

30-Zn-63

Radionuclide Production Cross Section

