

Program EVALPLOT
(Version 2018-1)

by

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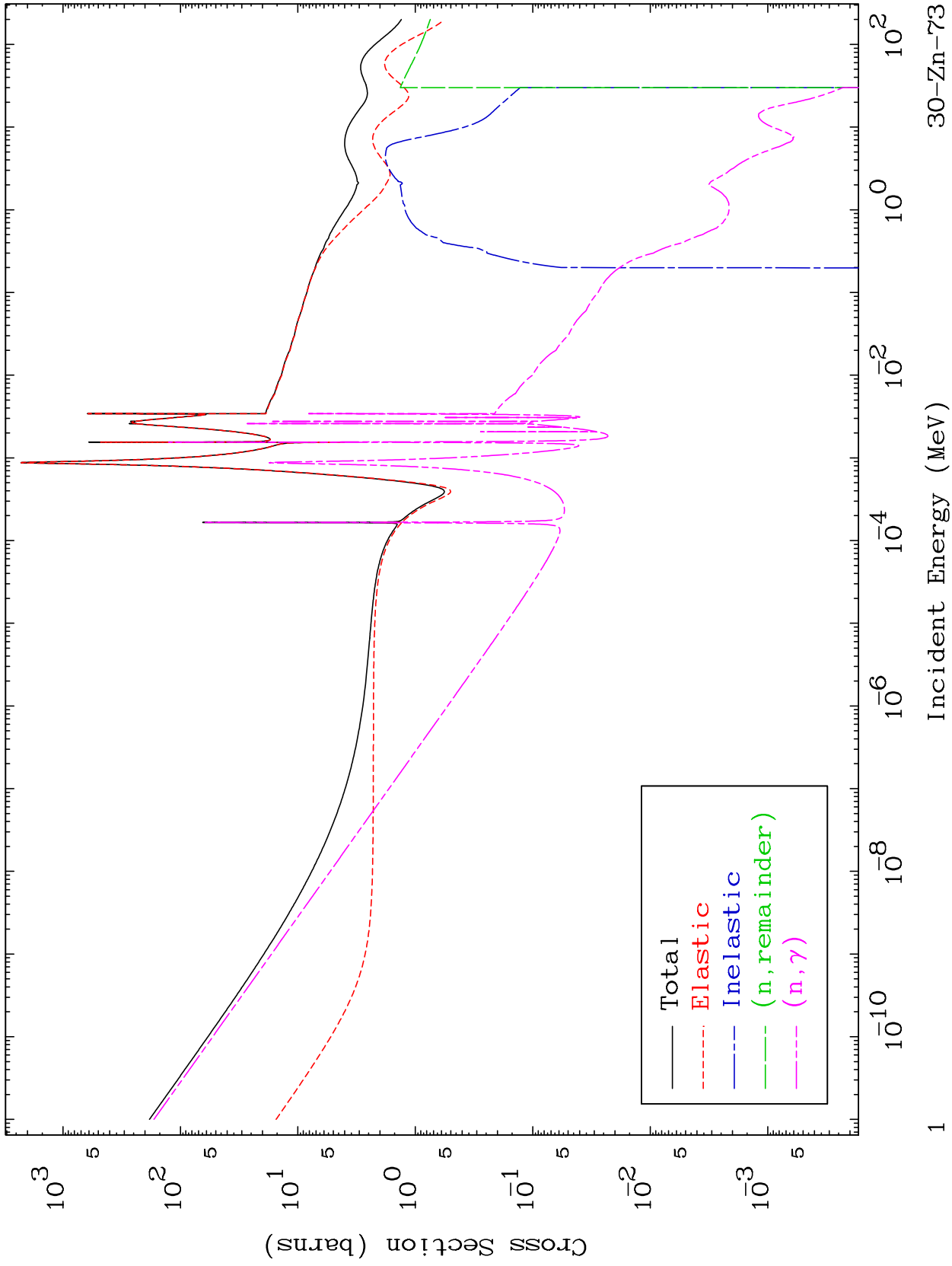
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3052

Major
293 Kelvin Cross Sections

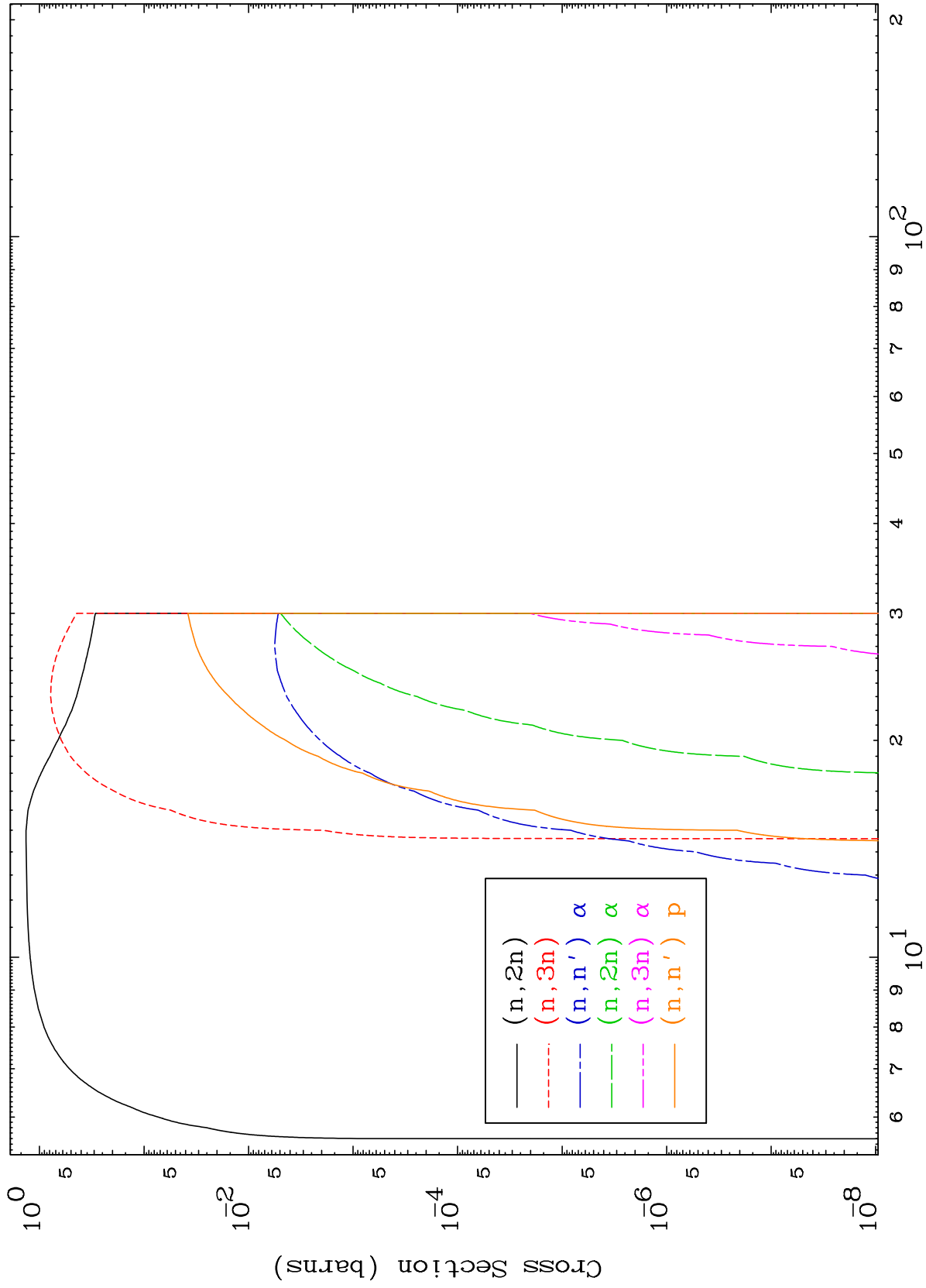
30-Zn-73



MAT 3052

Neutron Production
293 Kelvin Cross Sections

30-Zn-73



2

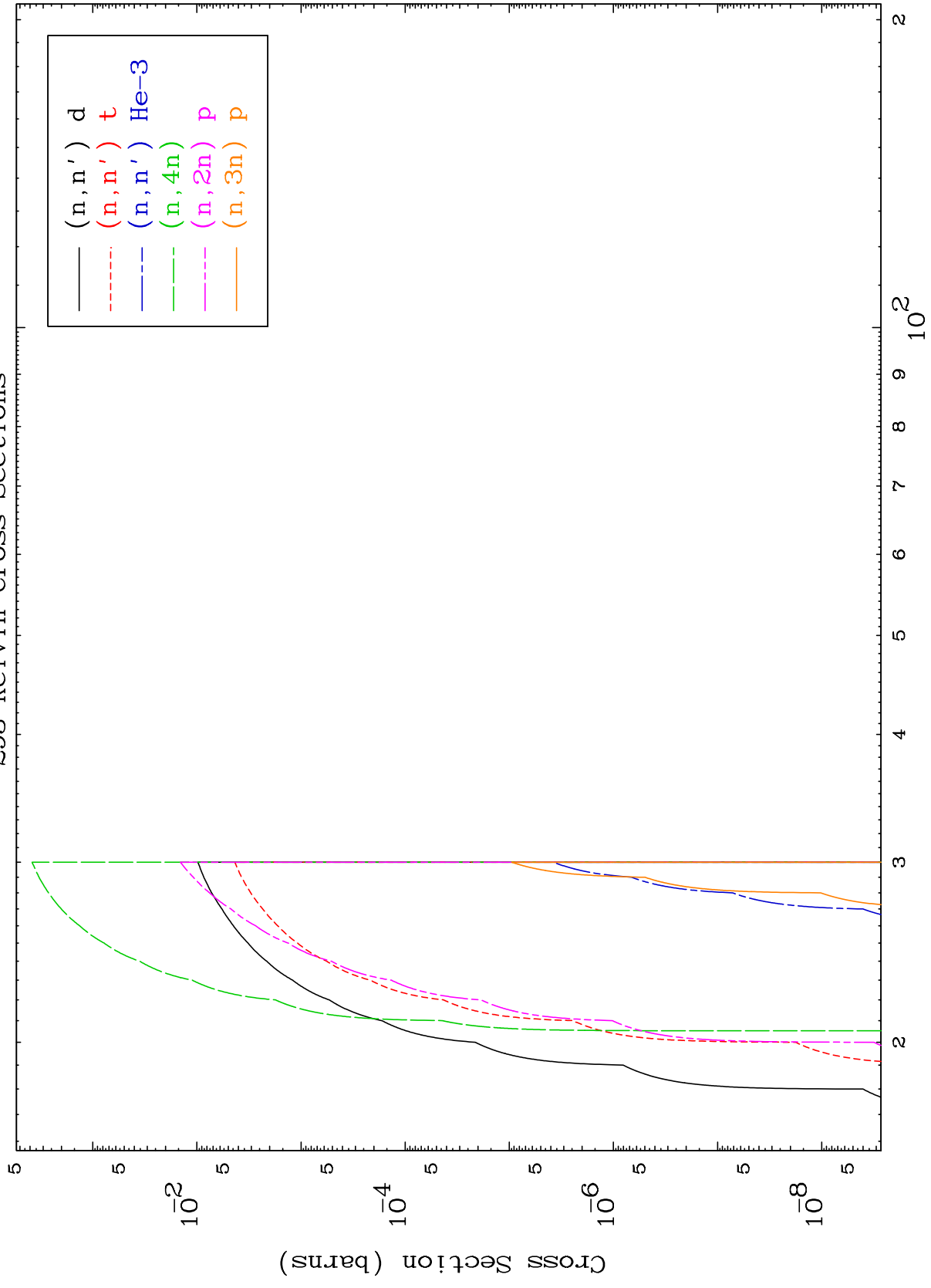
Incident Energy (MeV)

30-Zn-73

MAT 3052

Neutron Production
293 Kelvin Cross Sections

30-Zn-73



3

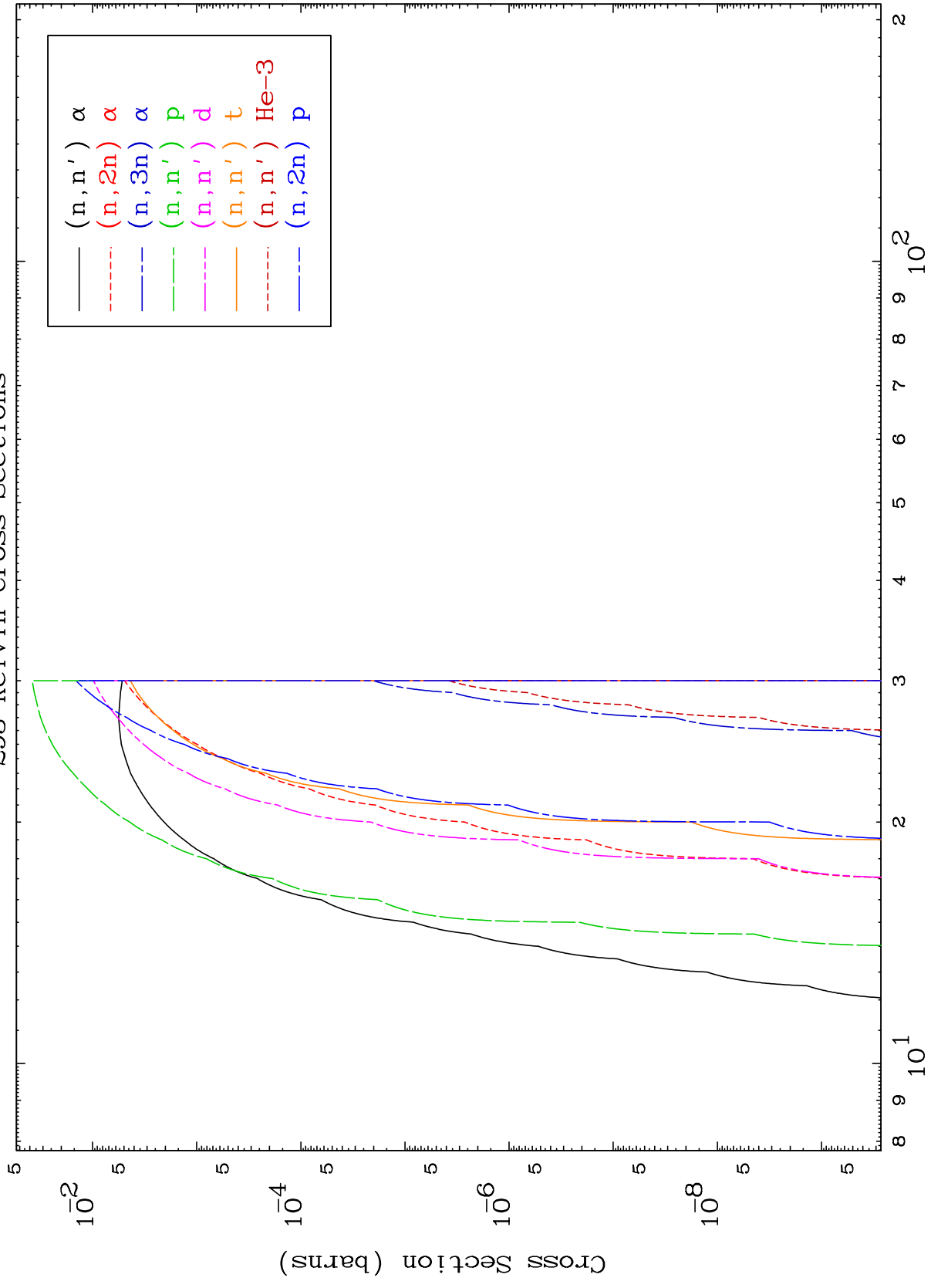
Incident Energy (MeV)

30-Zn-73

MAT 3052

Charged Particle
293 Kelvin Cross Sections

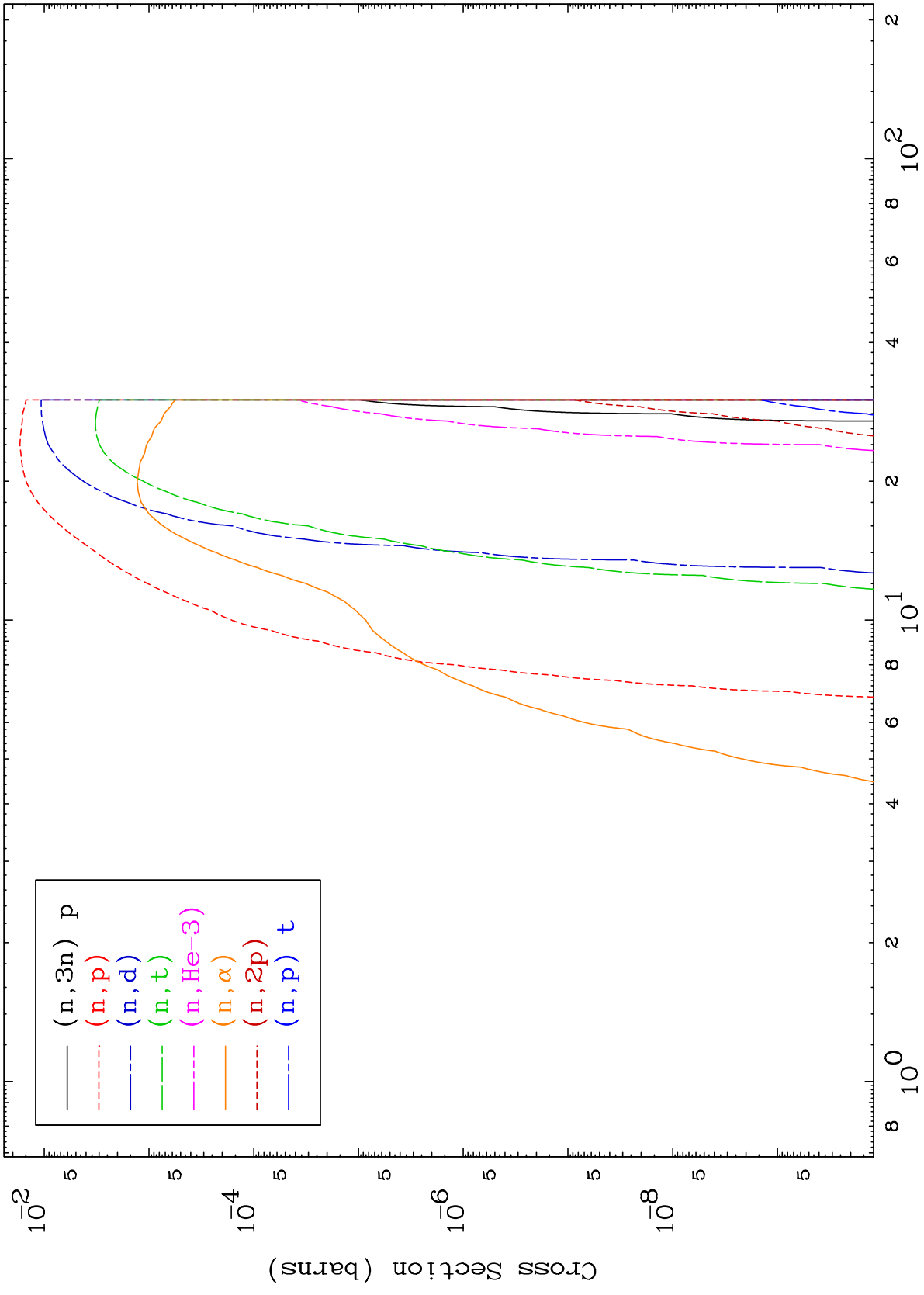
30-Zn-73



4

Incident Energy (MeV)

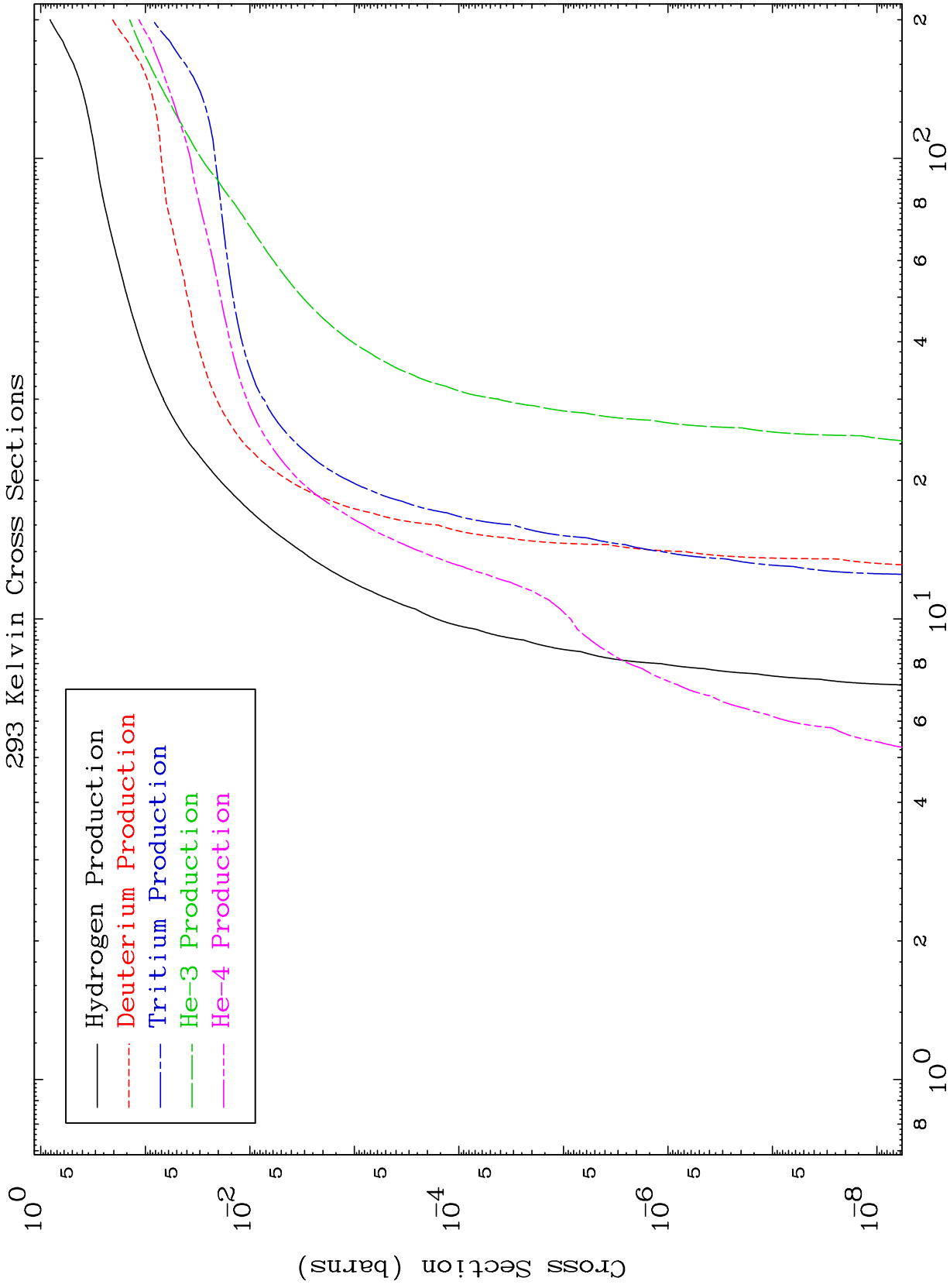
30-Zn-73



MAT 3052

Particle Production
293 Kelvin Cross Sections

30-Zn-73



6

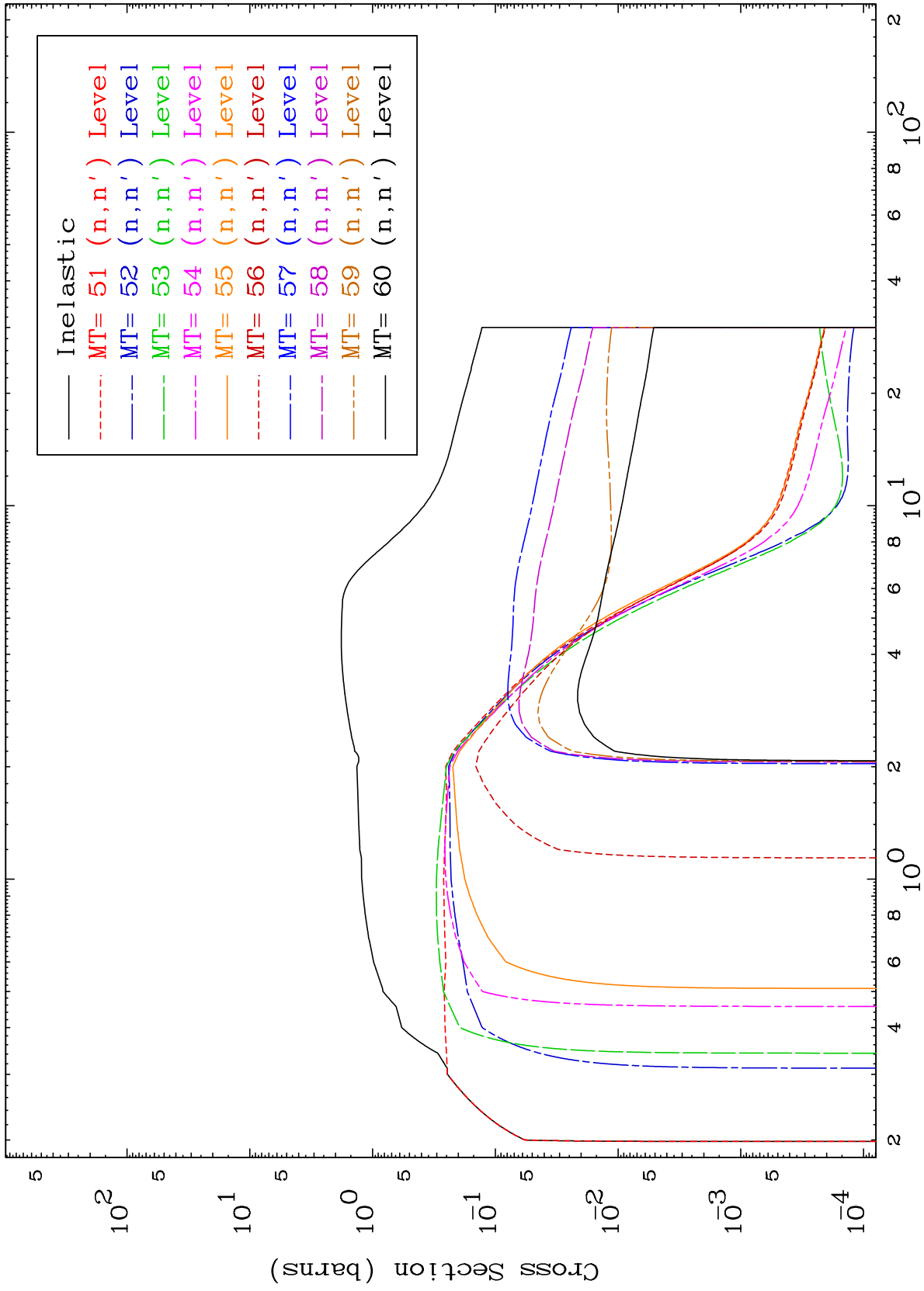
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,n') Level
293 Kelvin Cross Sections

30-Zn-73



7

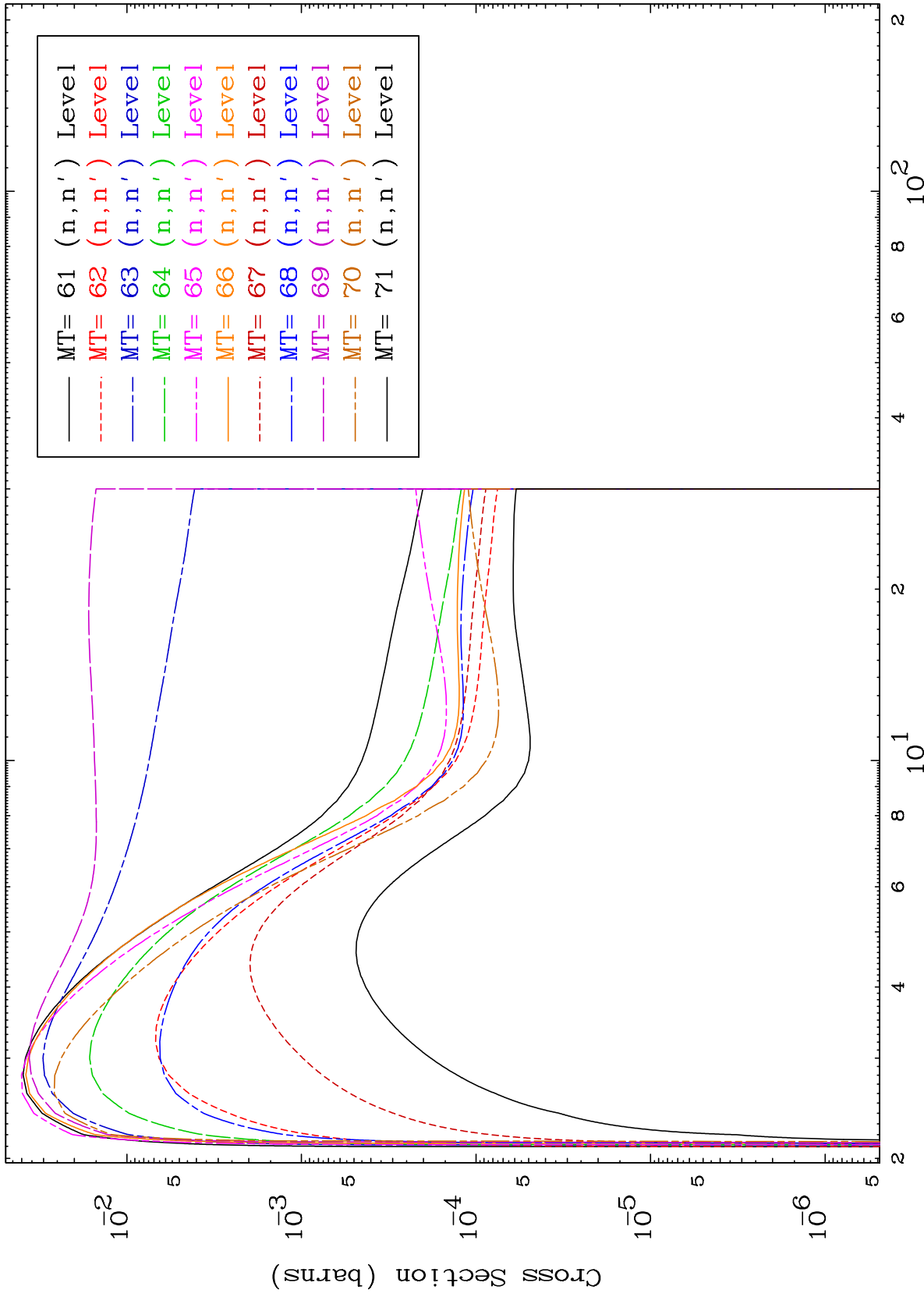
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,n') Level
293 Kelvin Cross Sections

30-Zn-73



8

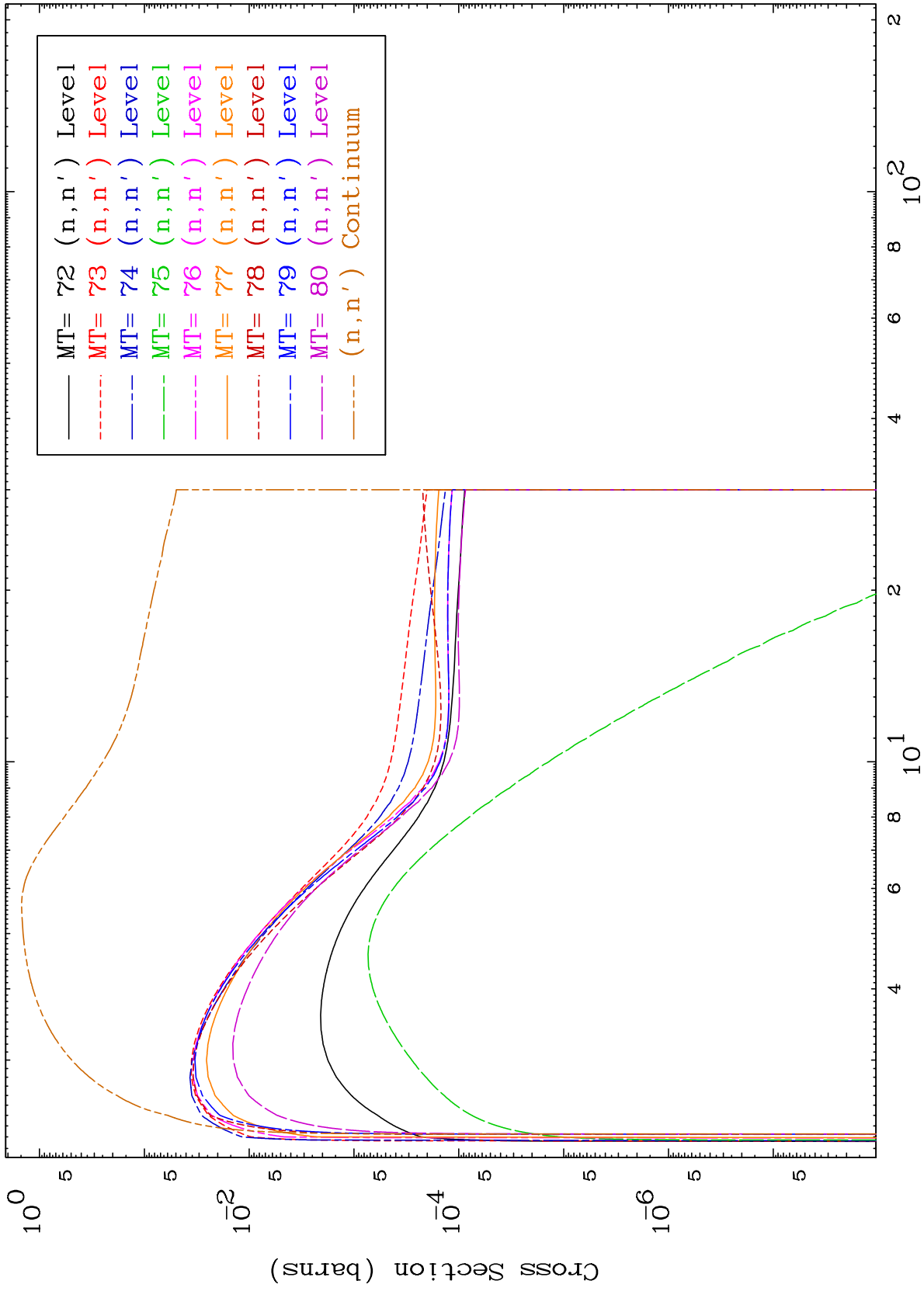
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,n') Level
293 Kelvin Cross Sections

30-Zn-73



9

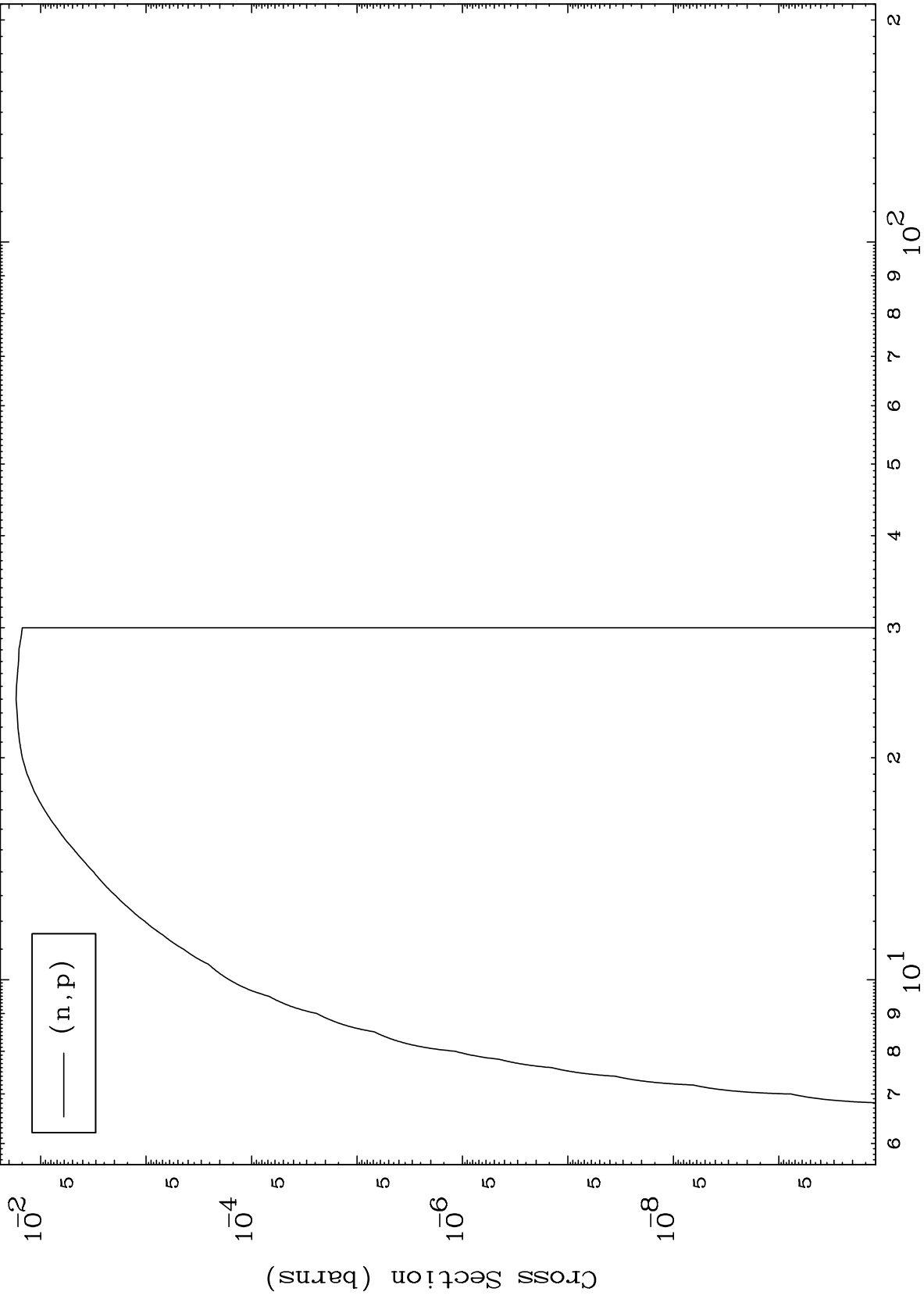
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-73



10

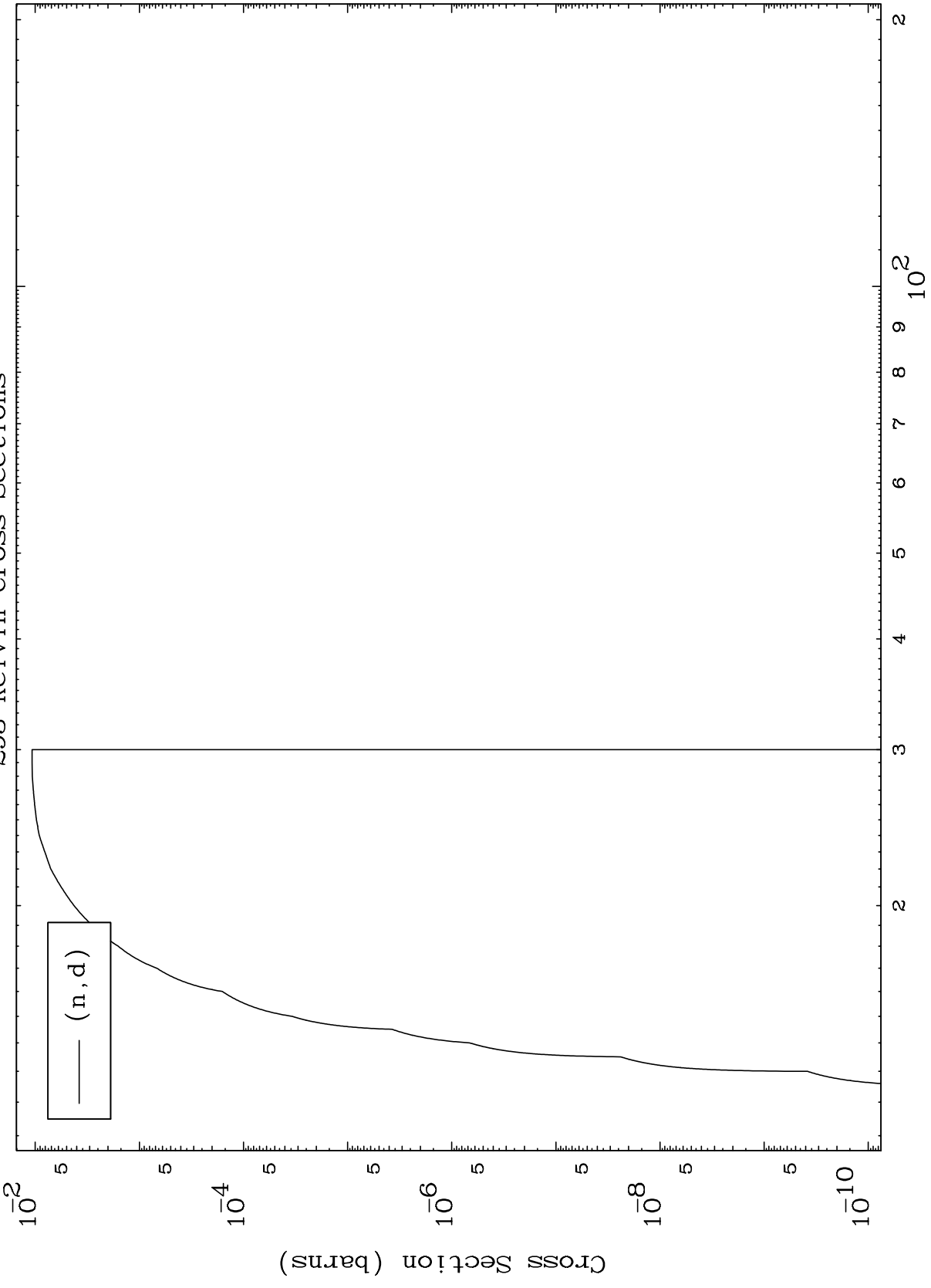
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-73



11

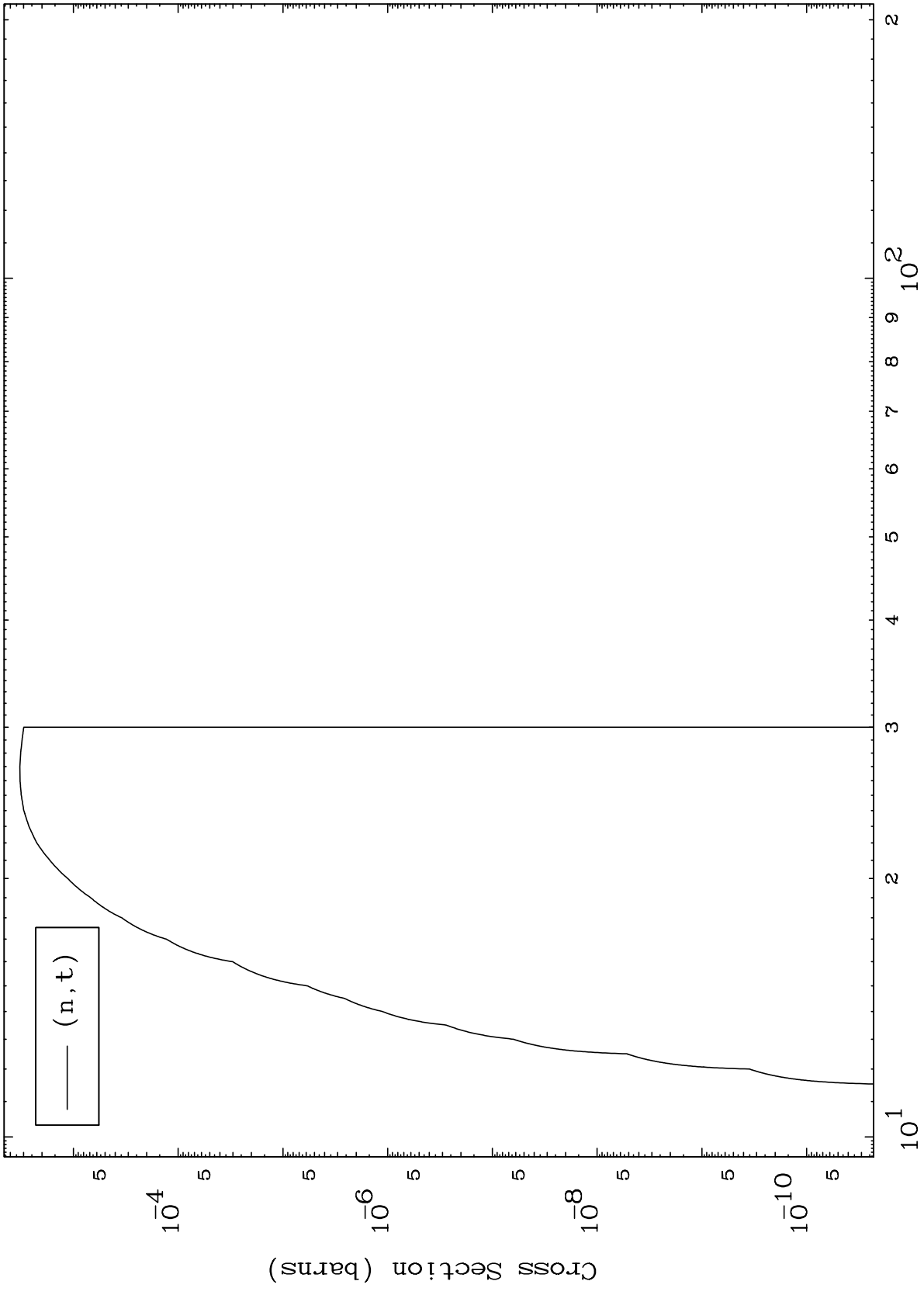
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-73



12

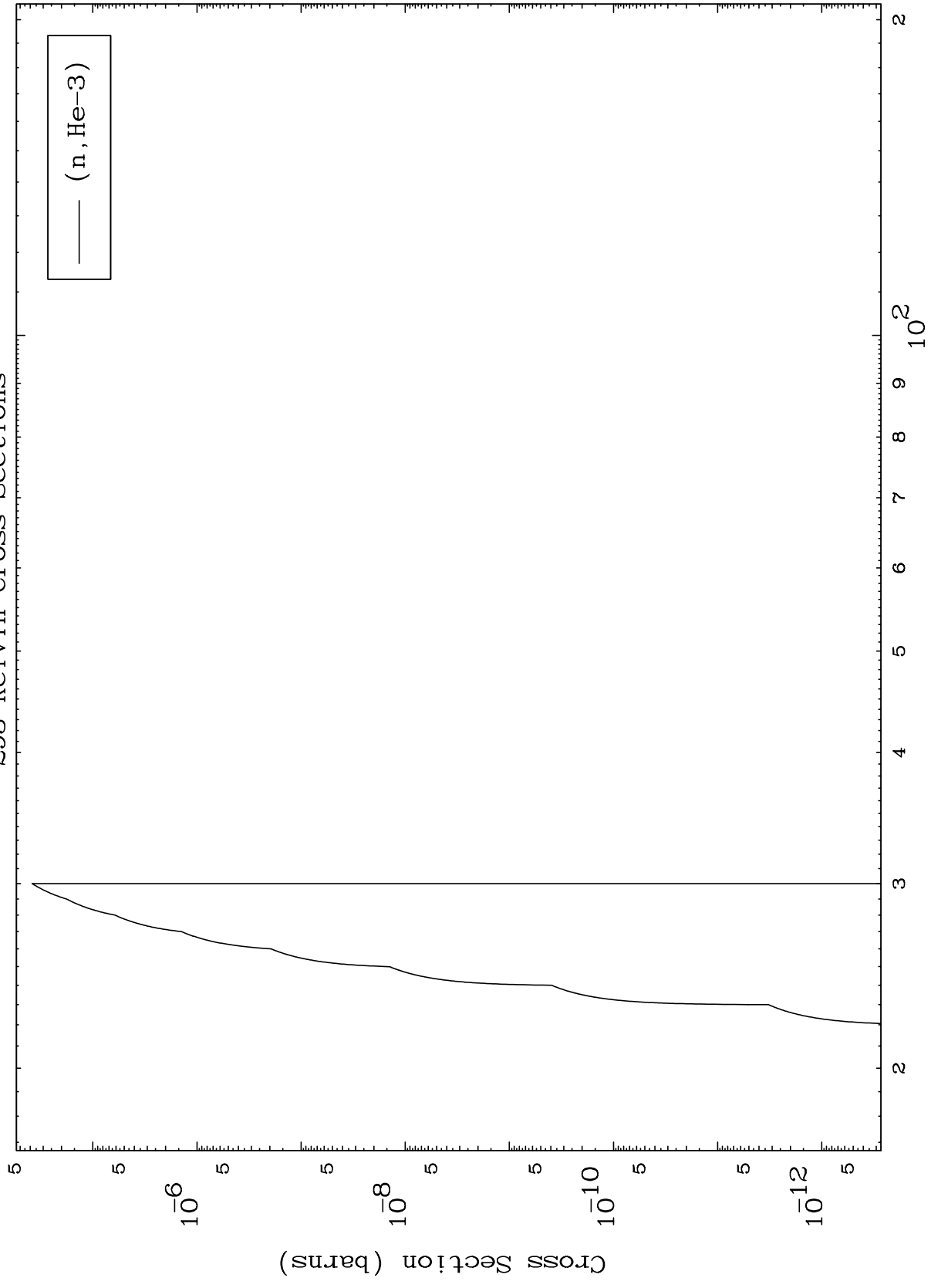
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-73



13

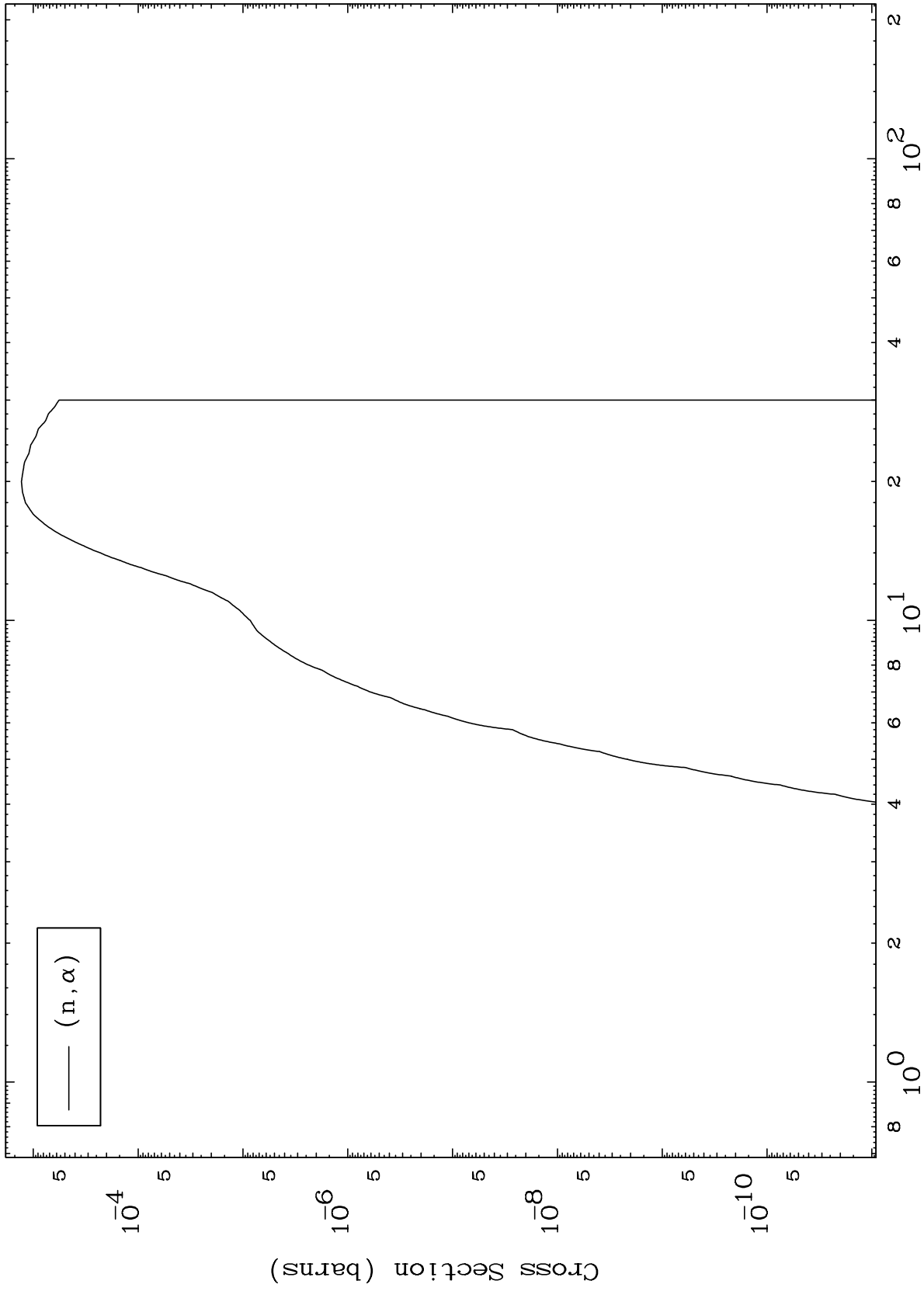
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,α) Levels
293 Kelvin Cross Sections

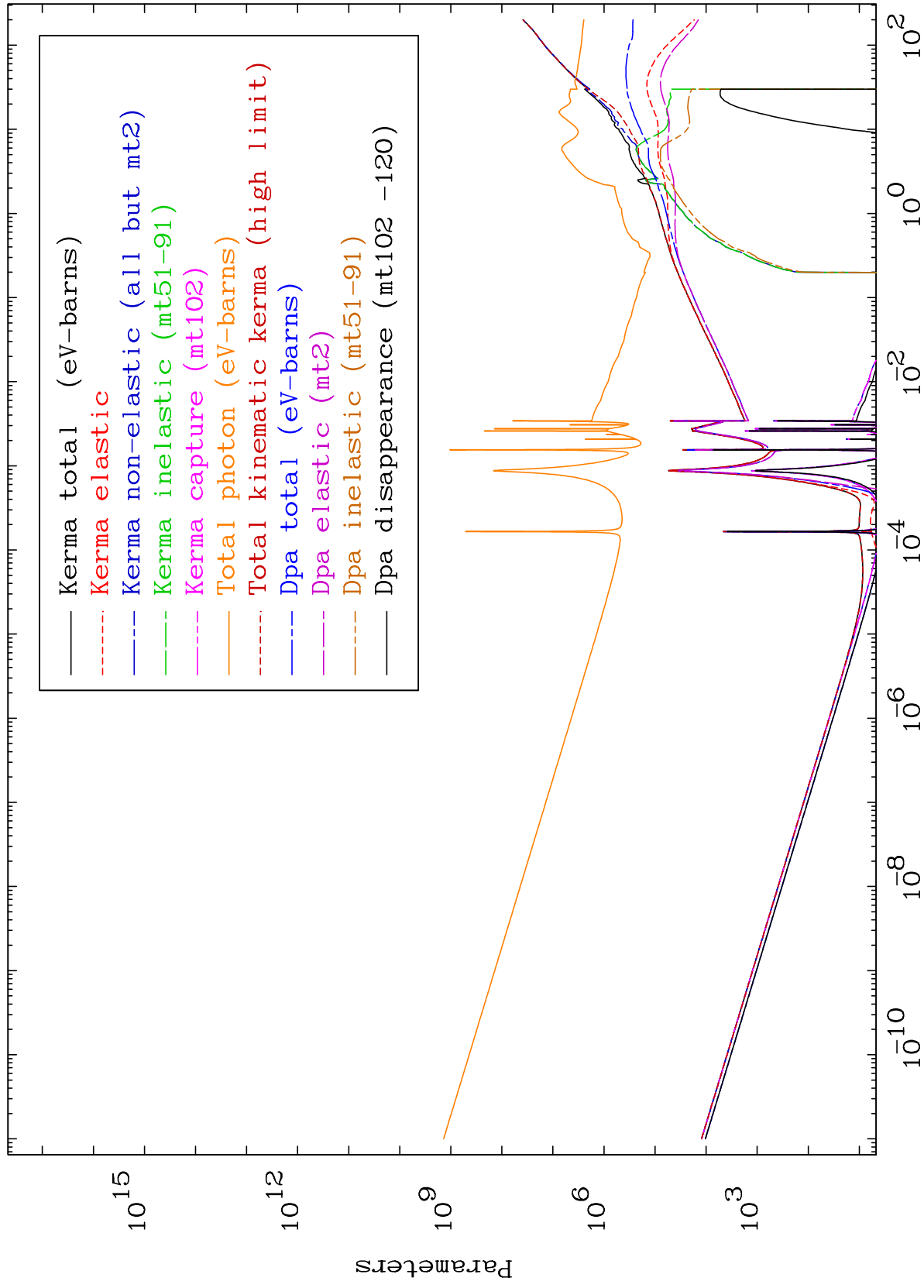
30-Zn-73

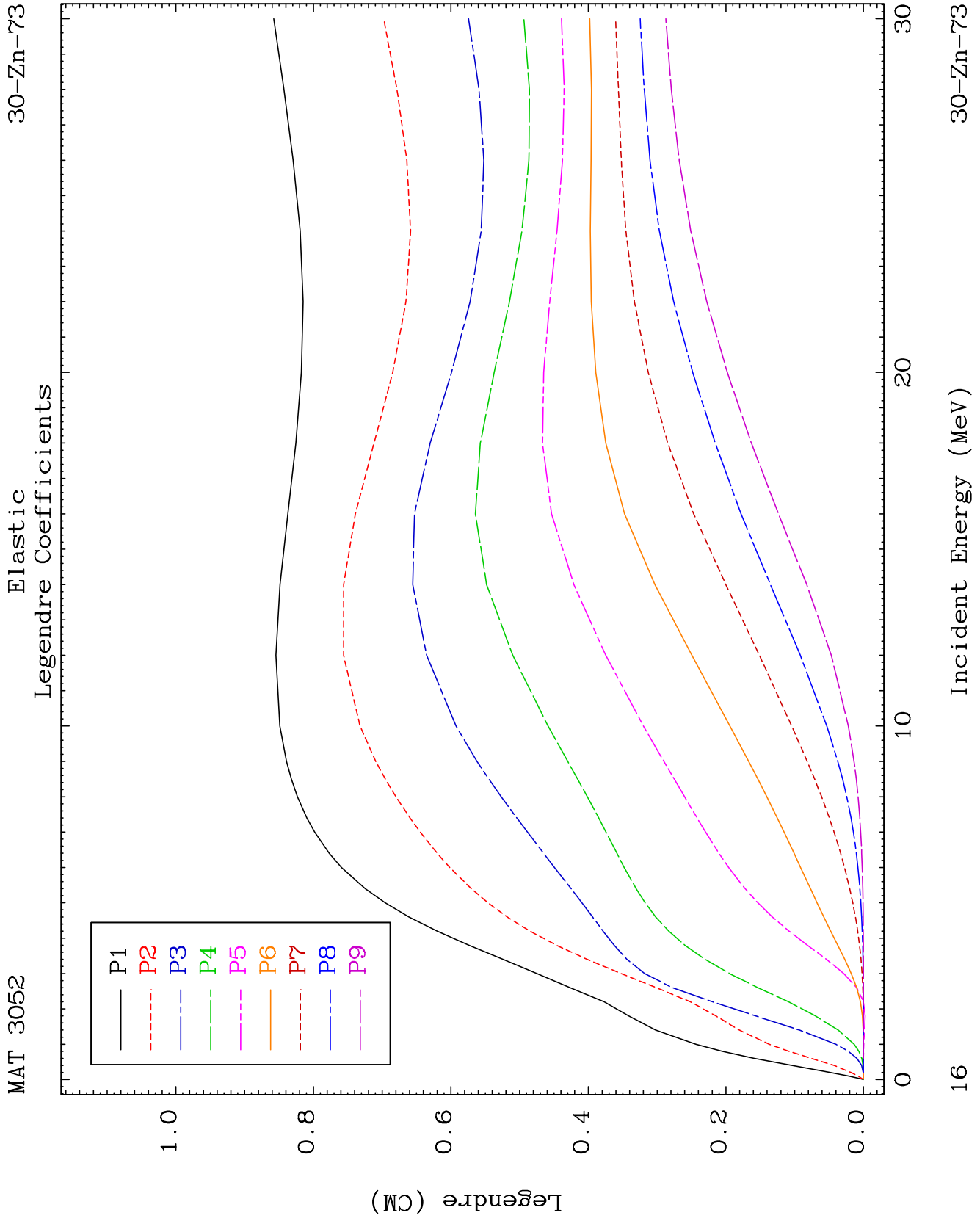


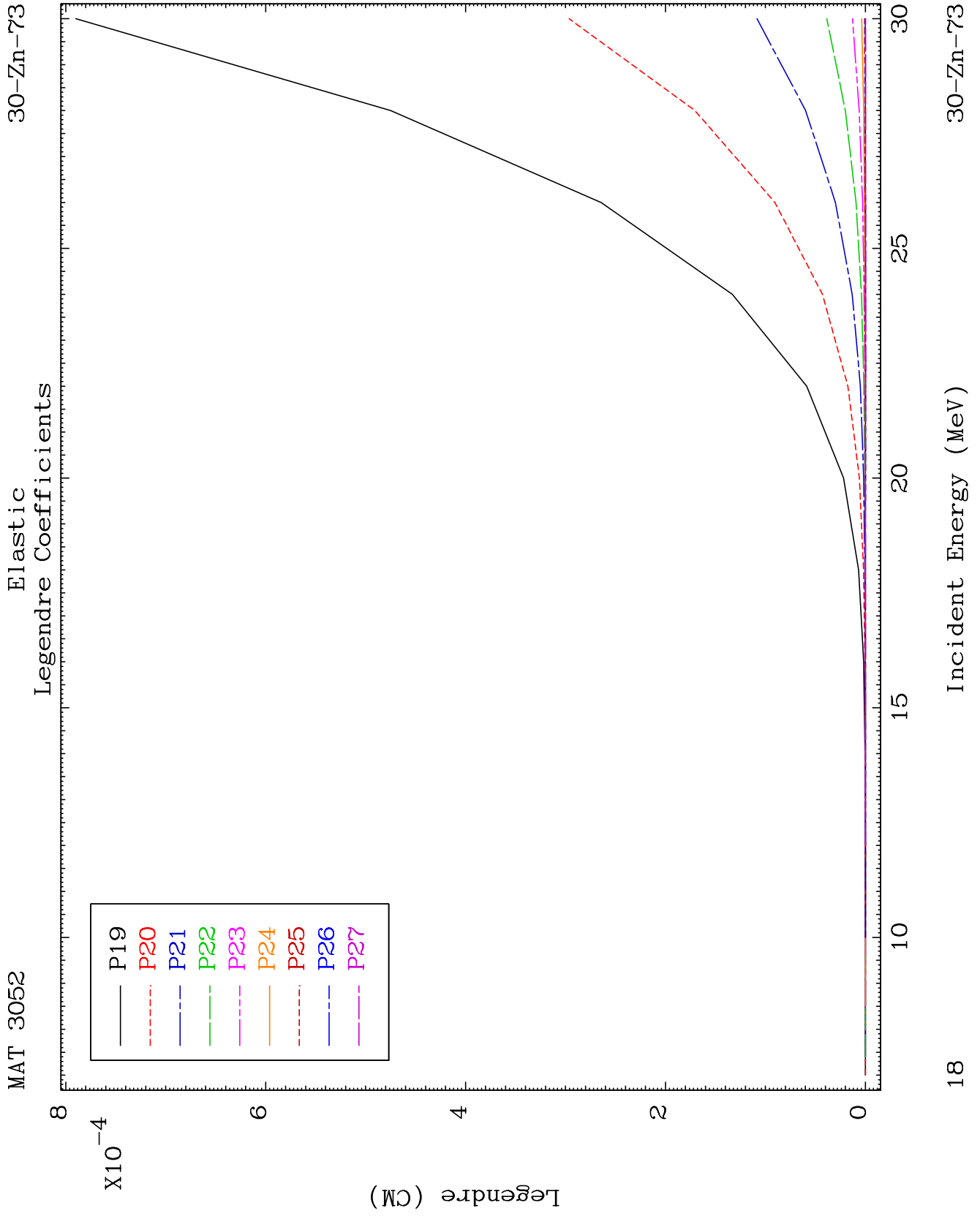
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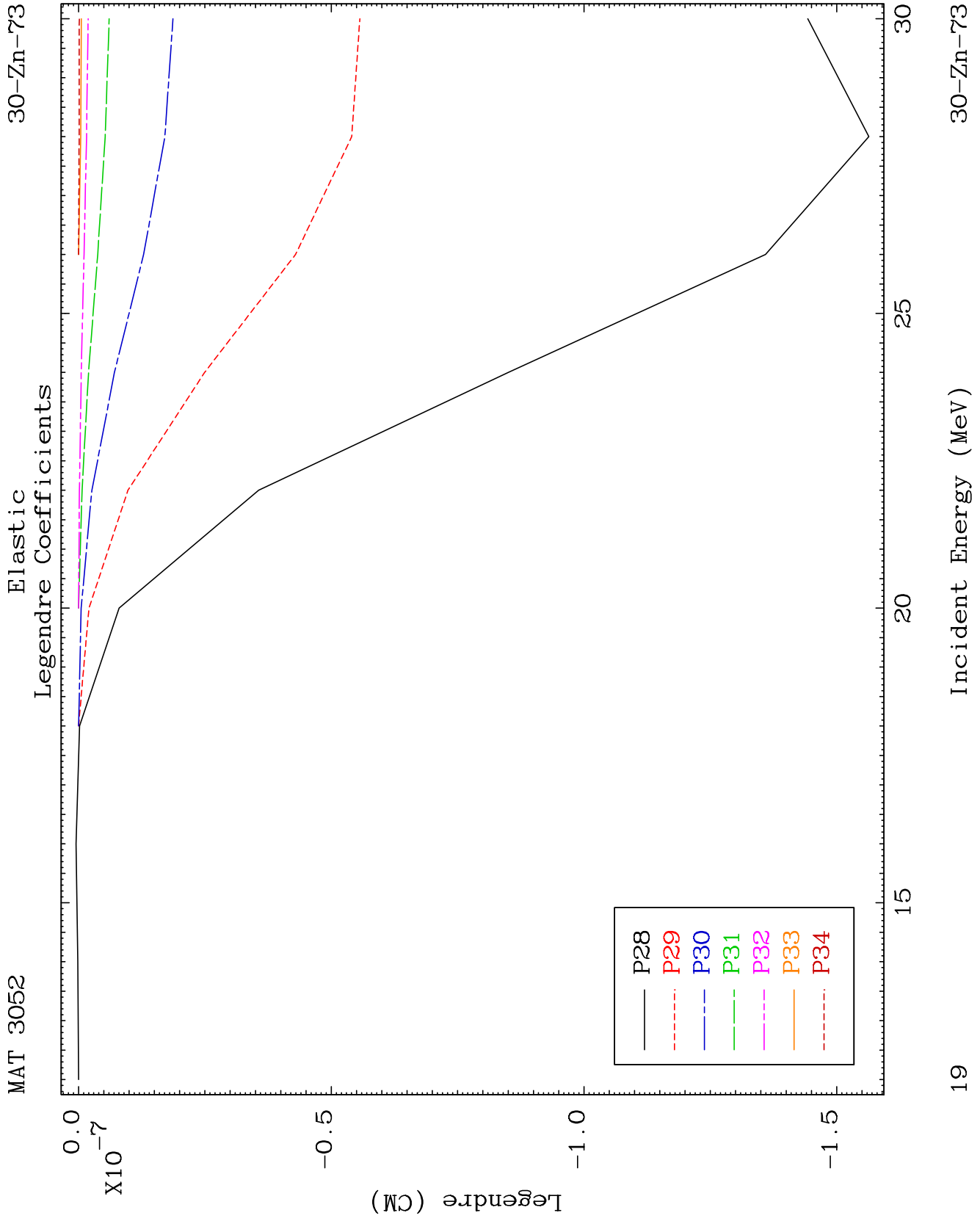
Incident Energy (MeV)

30-Zn-73

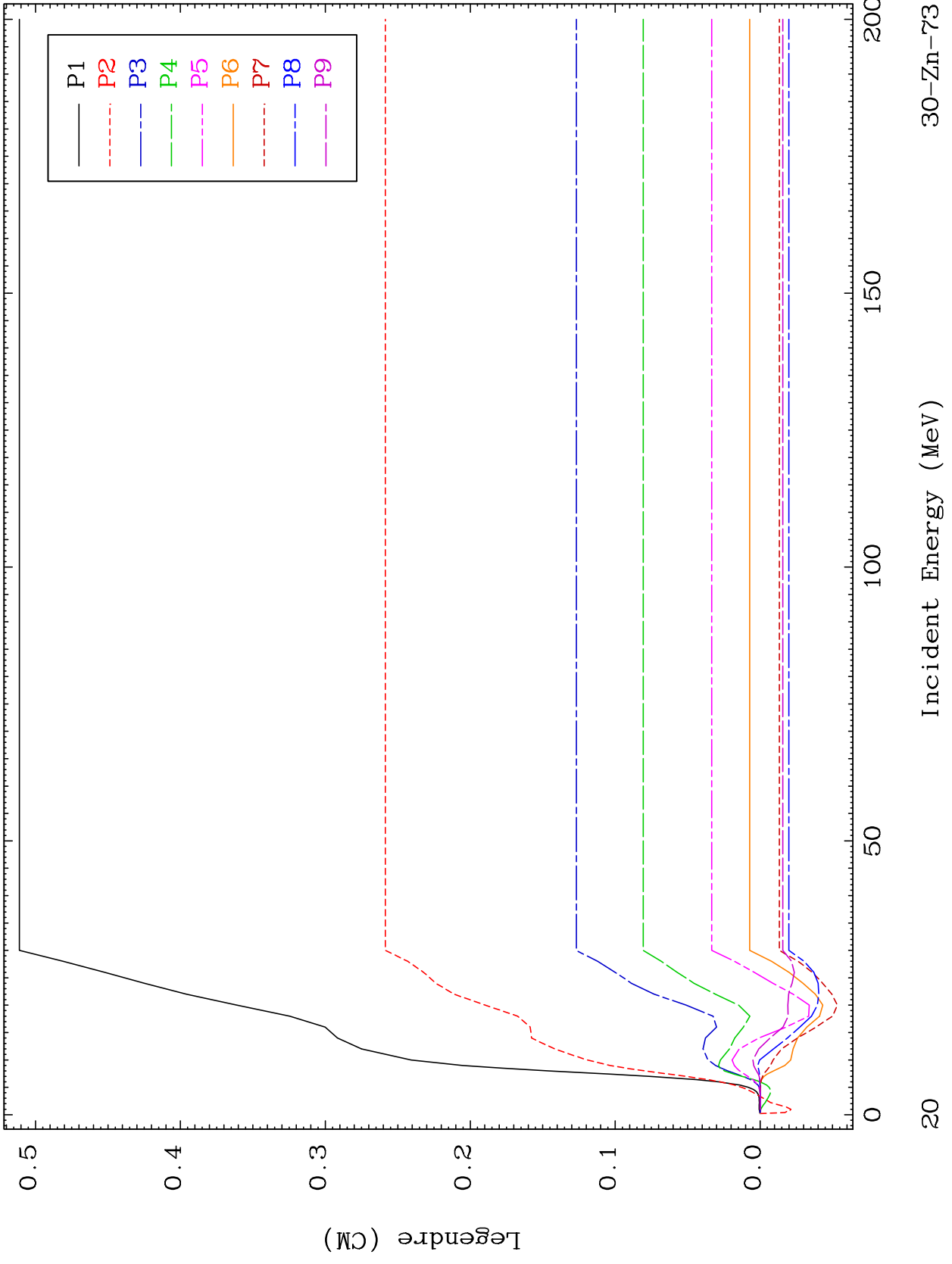








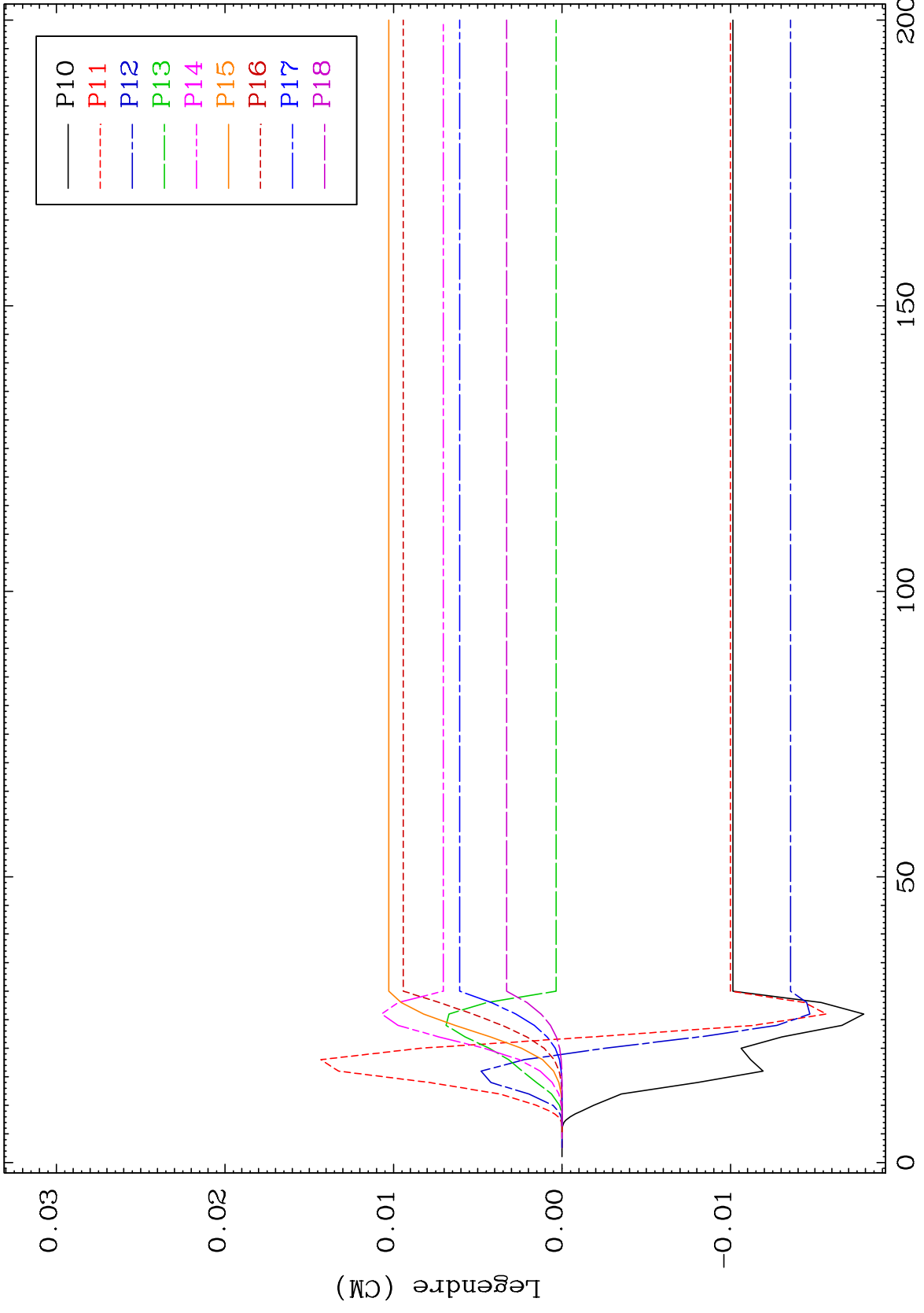
MAT 3052 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73



21

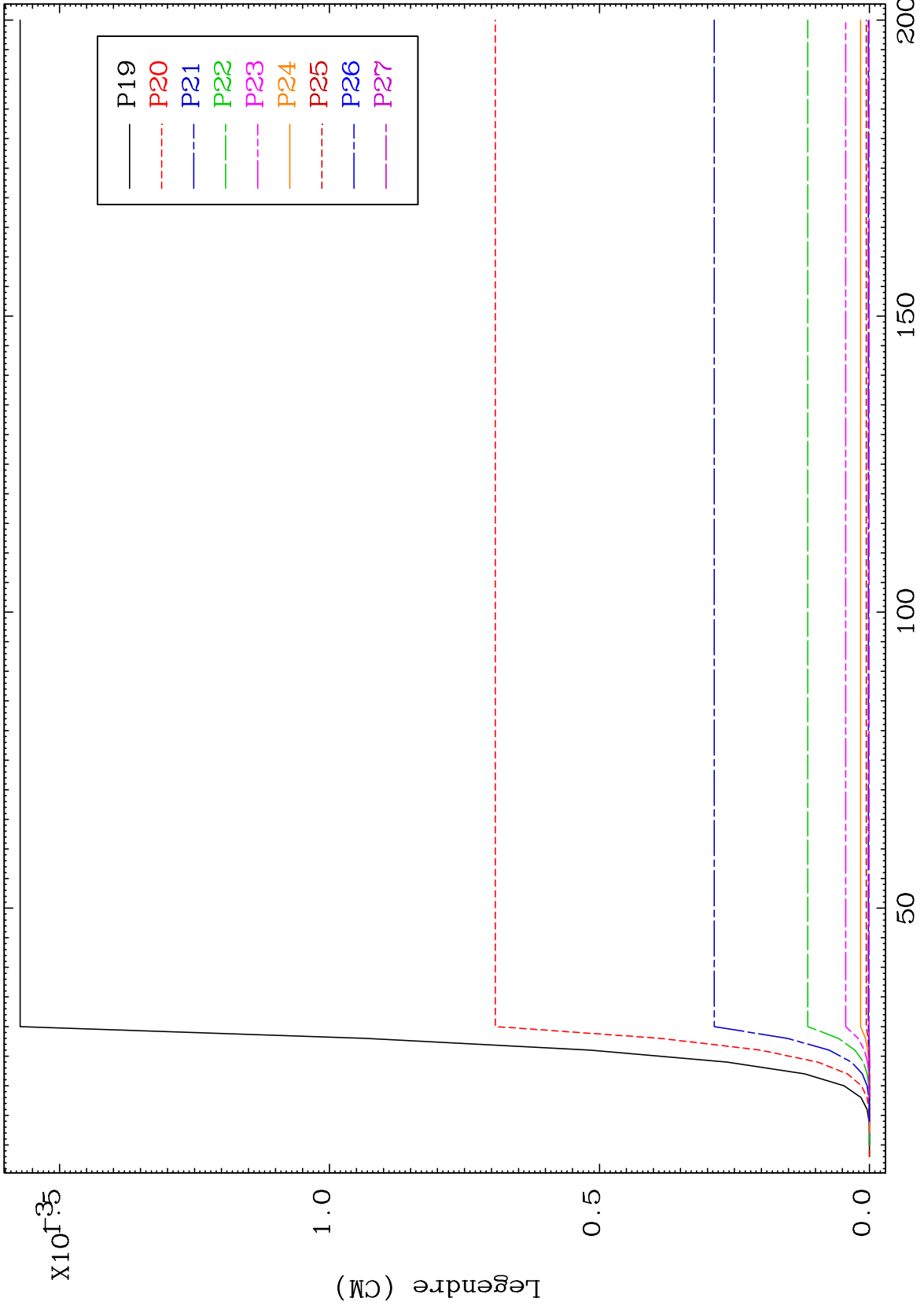
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73

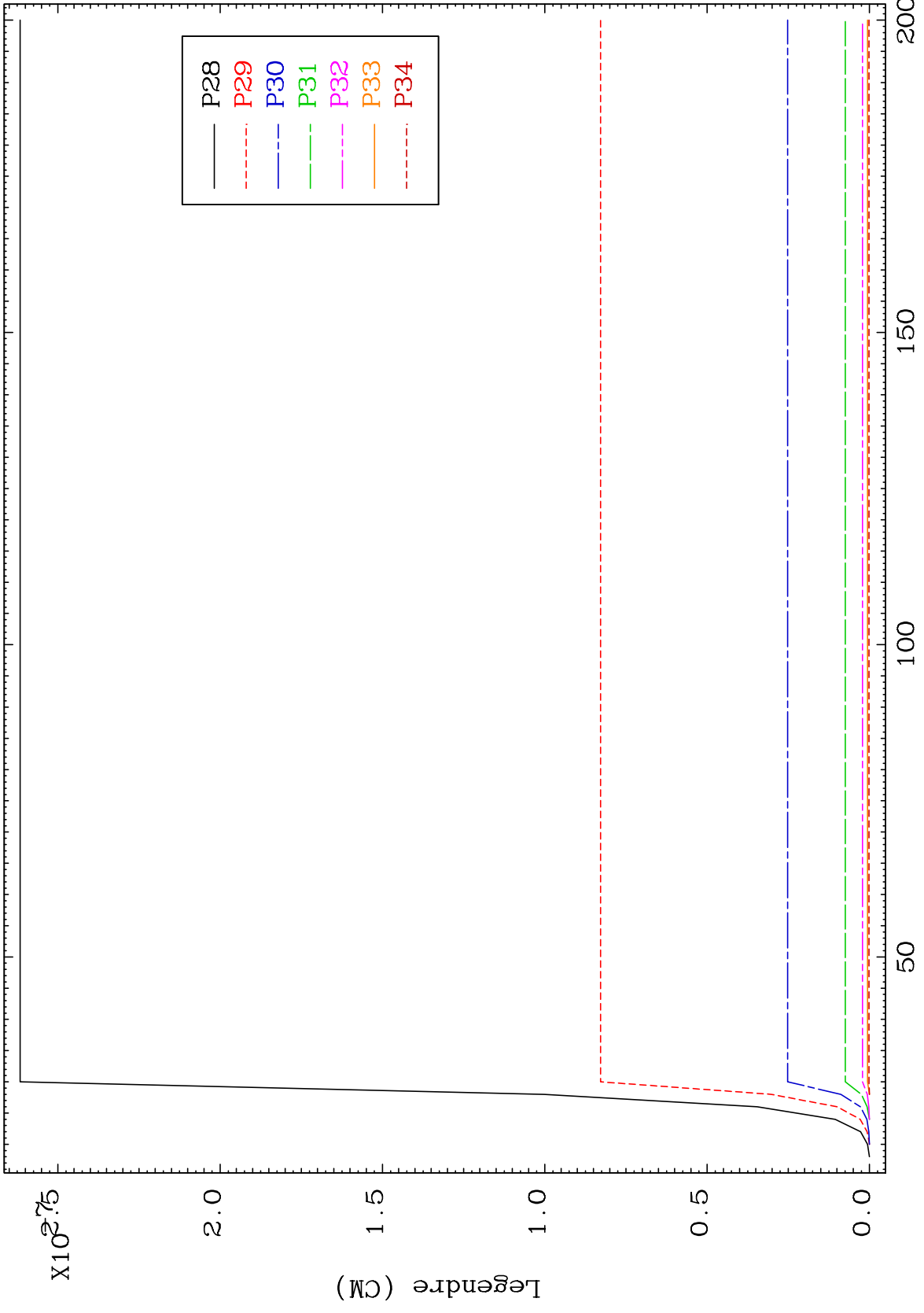


30-Zn-73

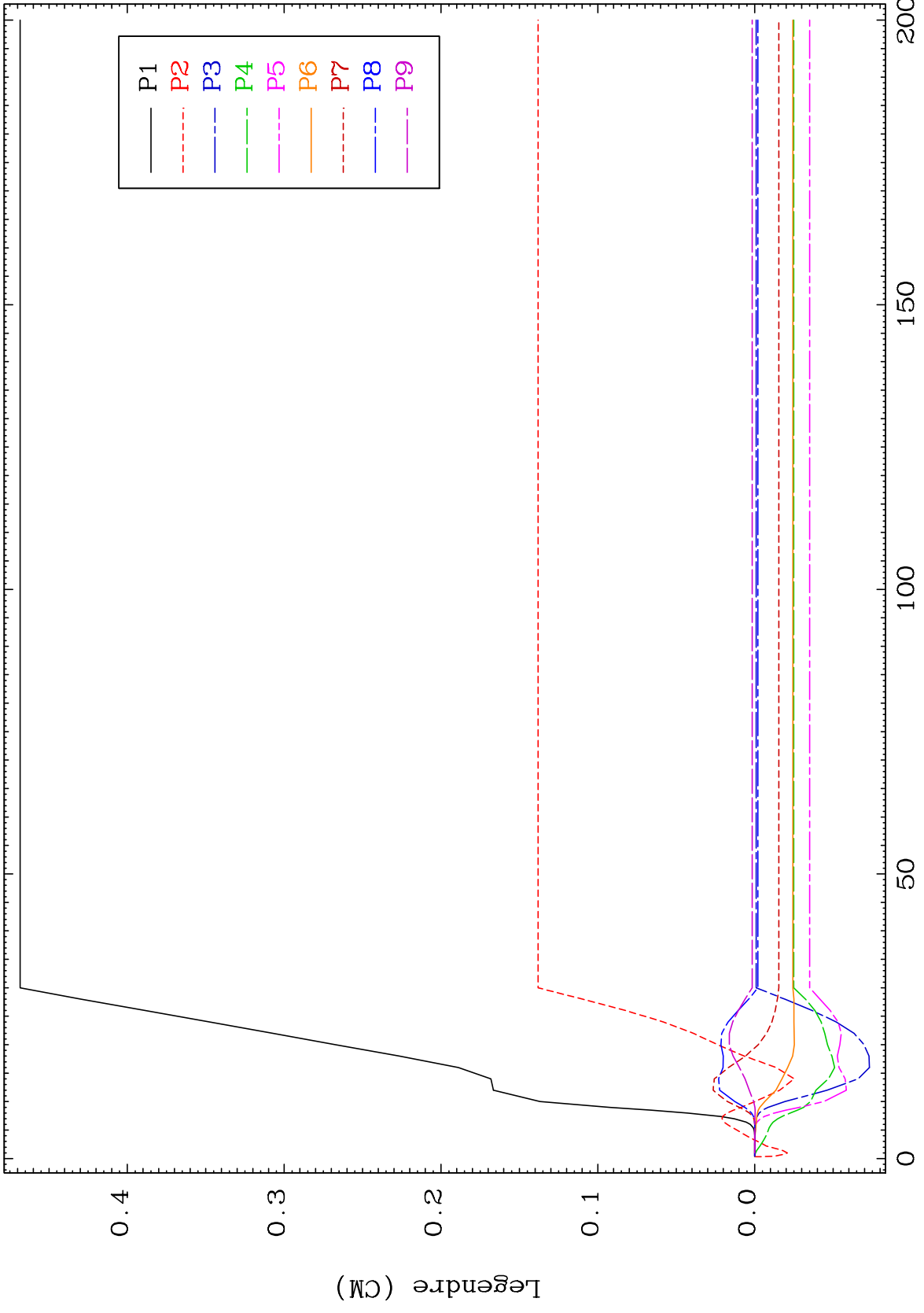
Incident Energy (MeV)

22

MAT 3052 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-73

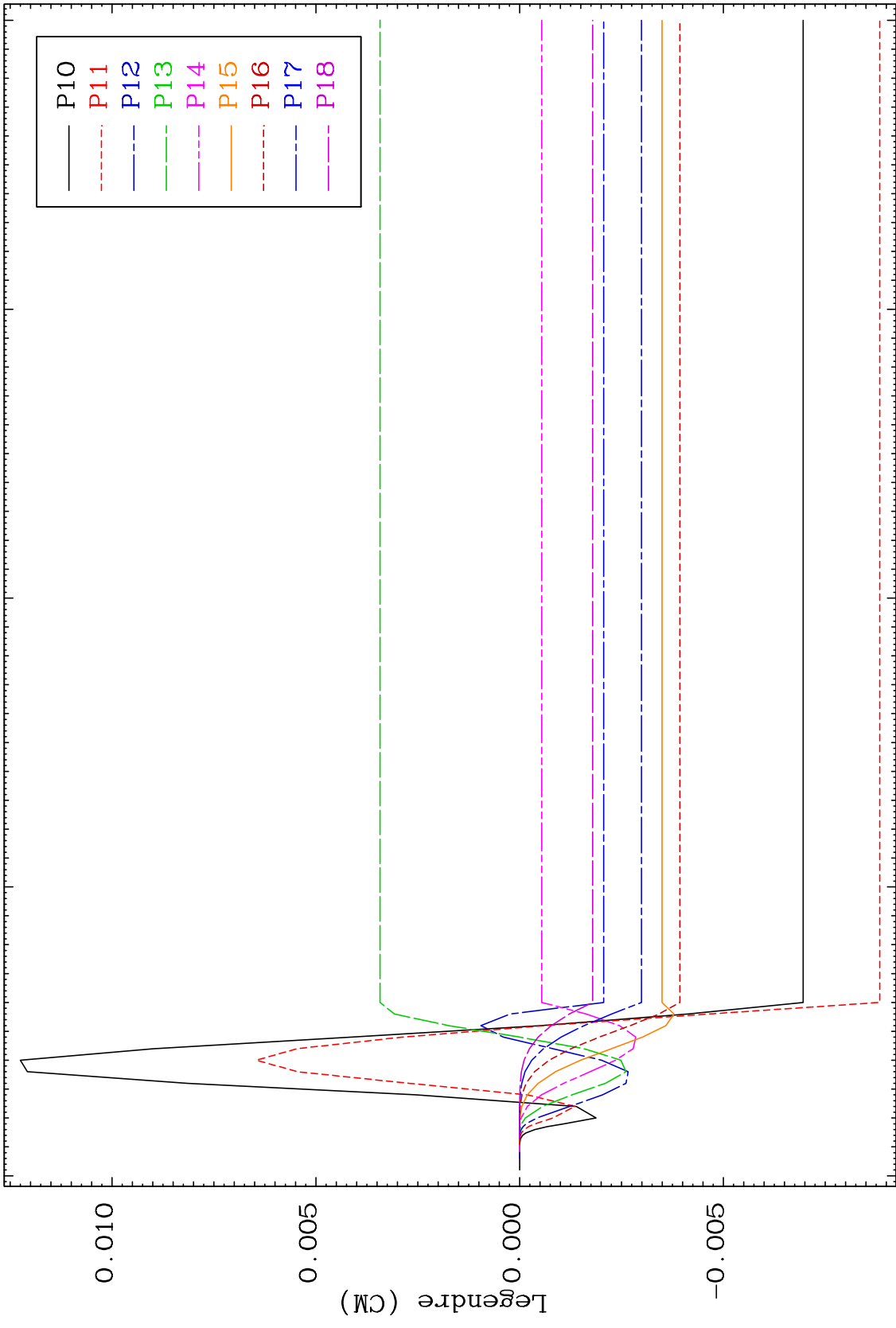


MAT 3052 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-73



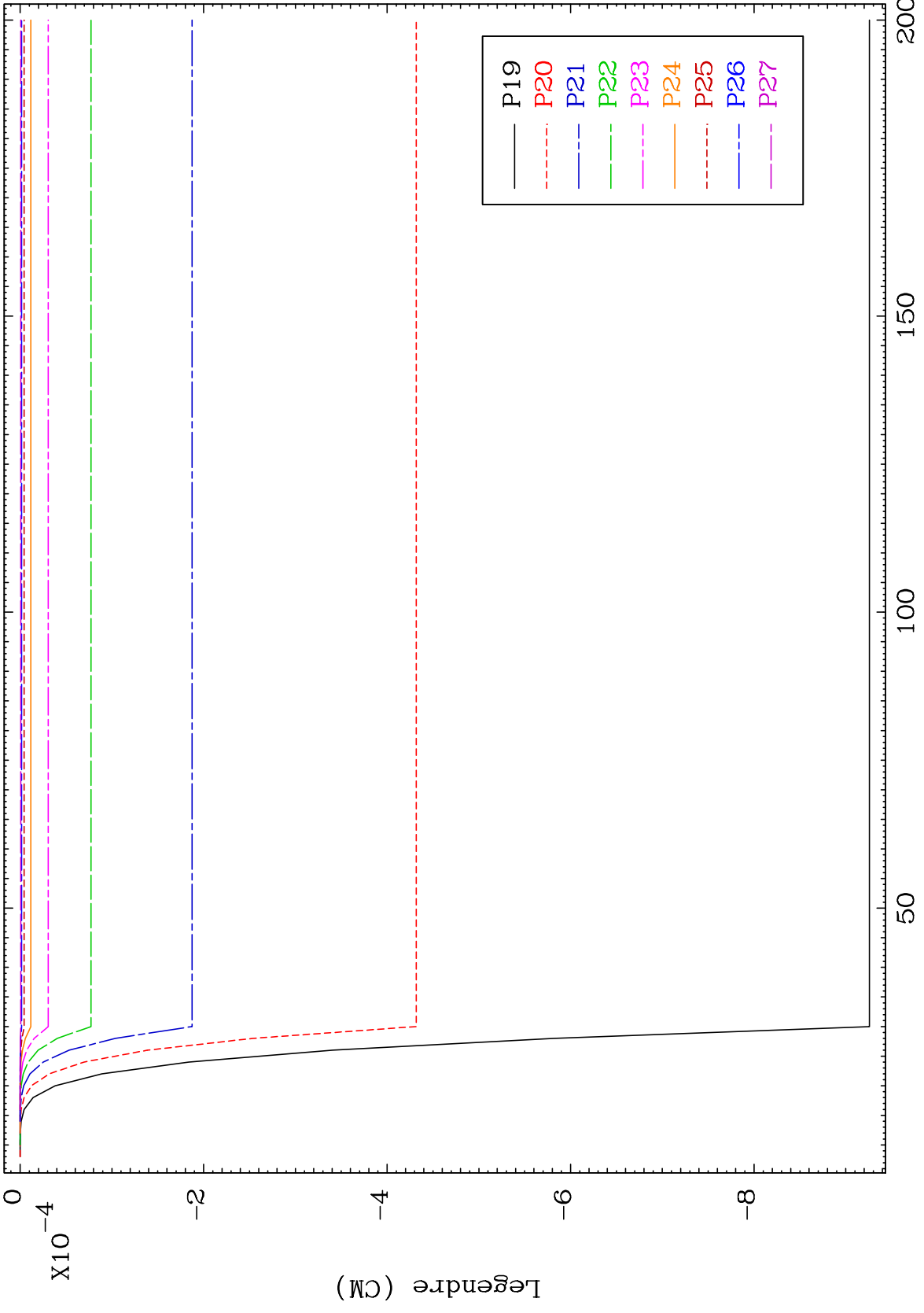
24 30-Zn-73

MAT 3052 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-73

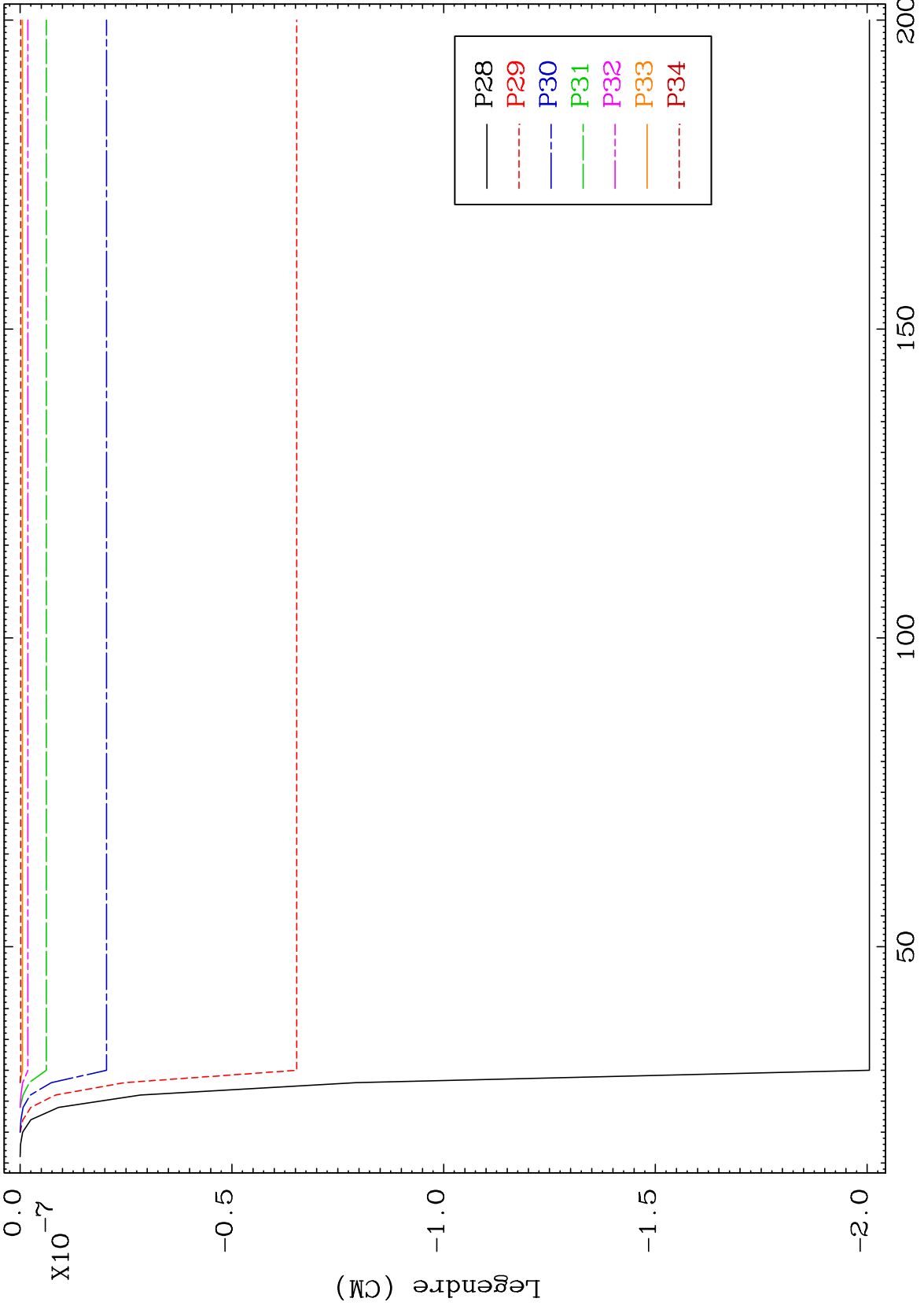


25 Incident Energy (MeV) 30-Zn-73

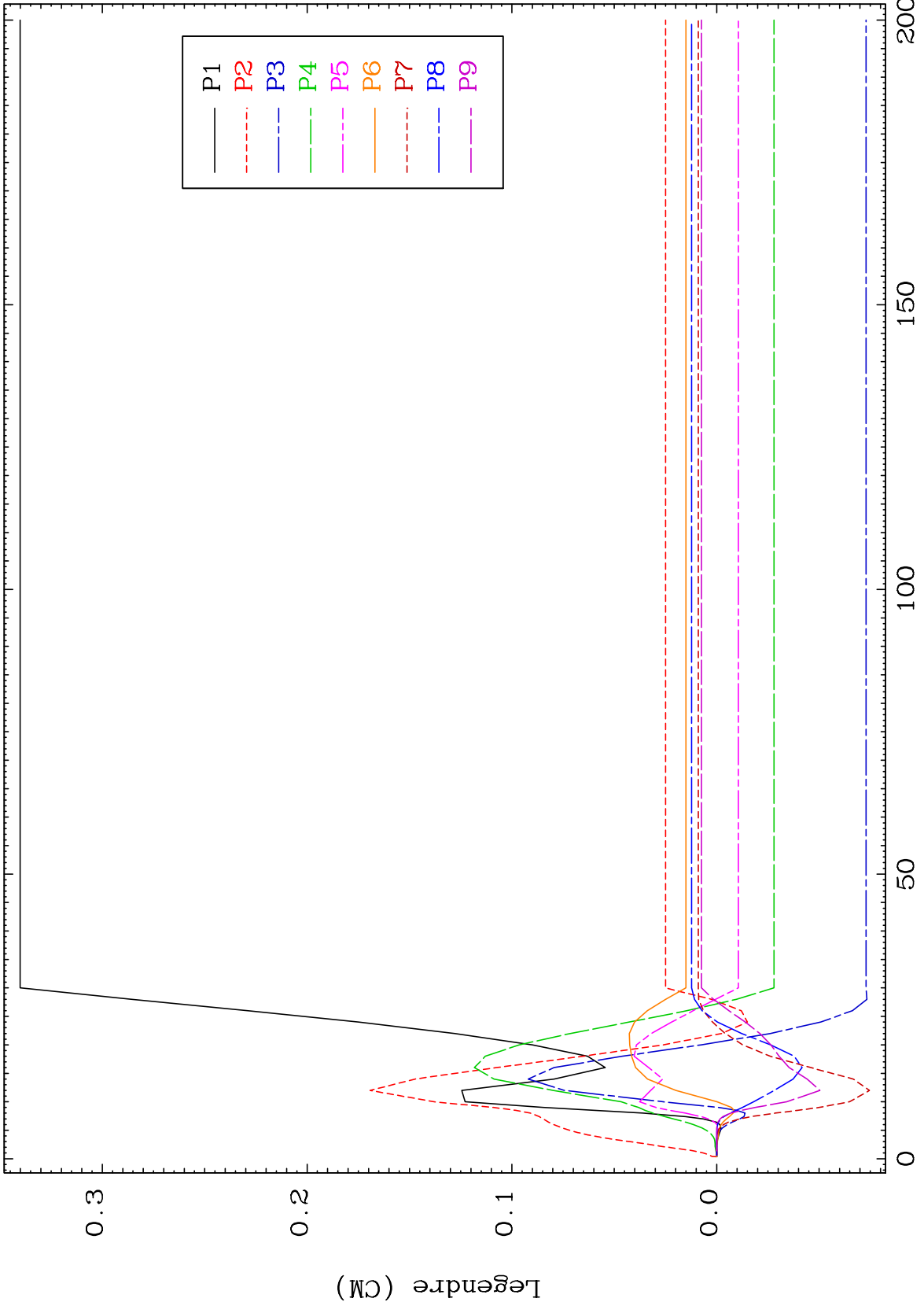
MAT 3052 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-73

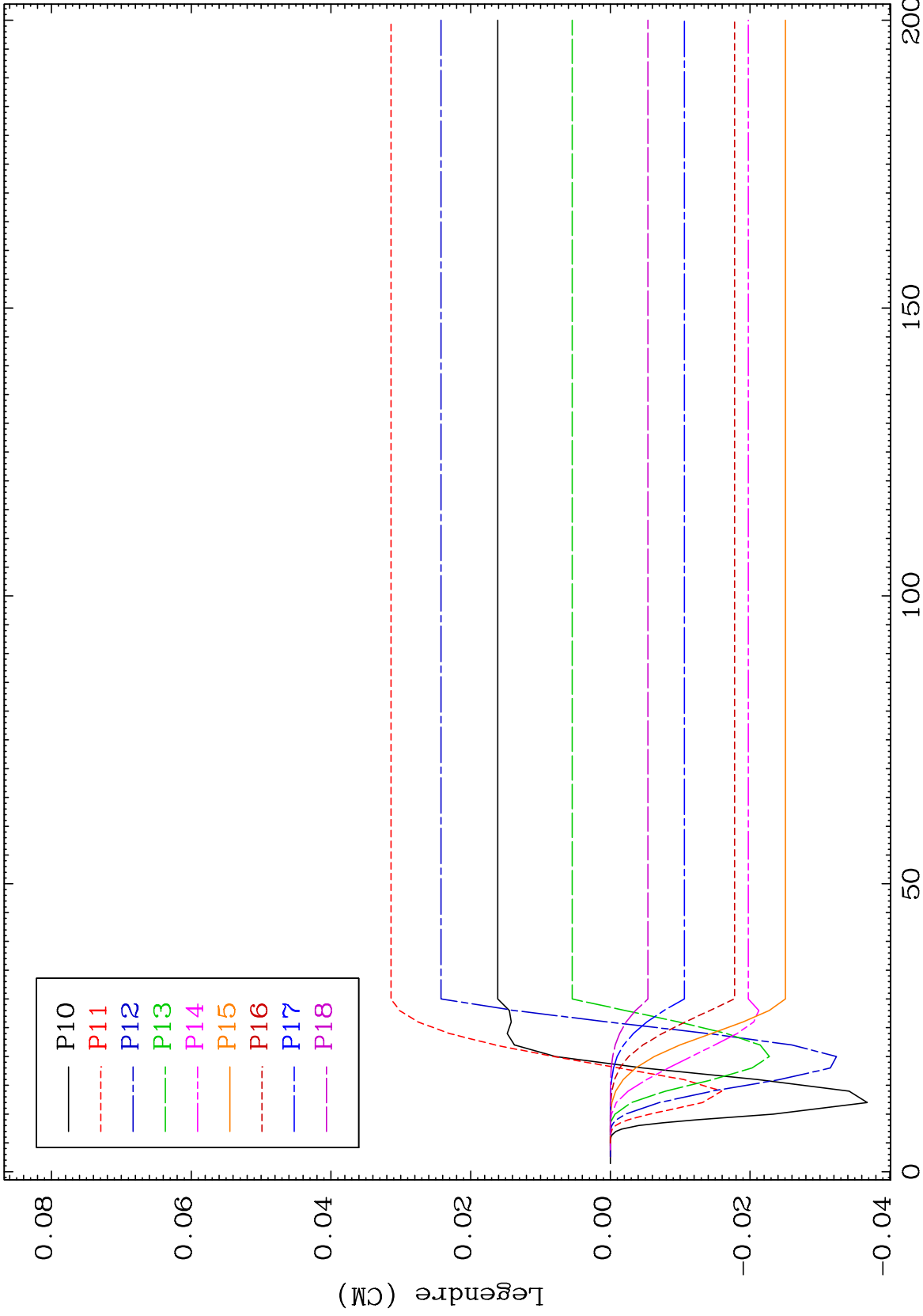


30-Zn-73 Incident Energy (MeV) 28

MAT 3052

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

30-Zn-73

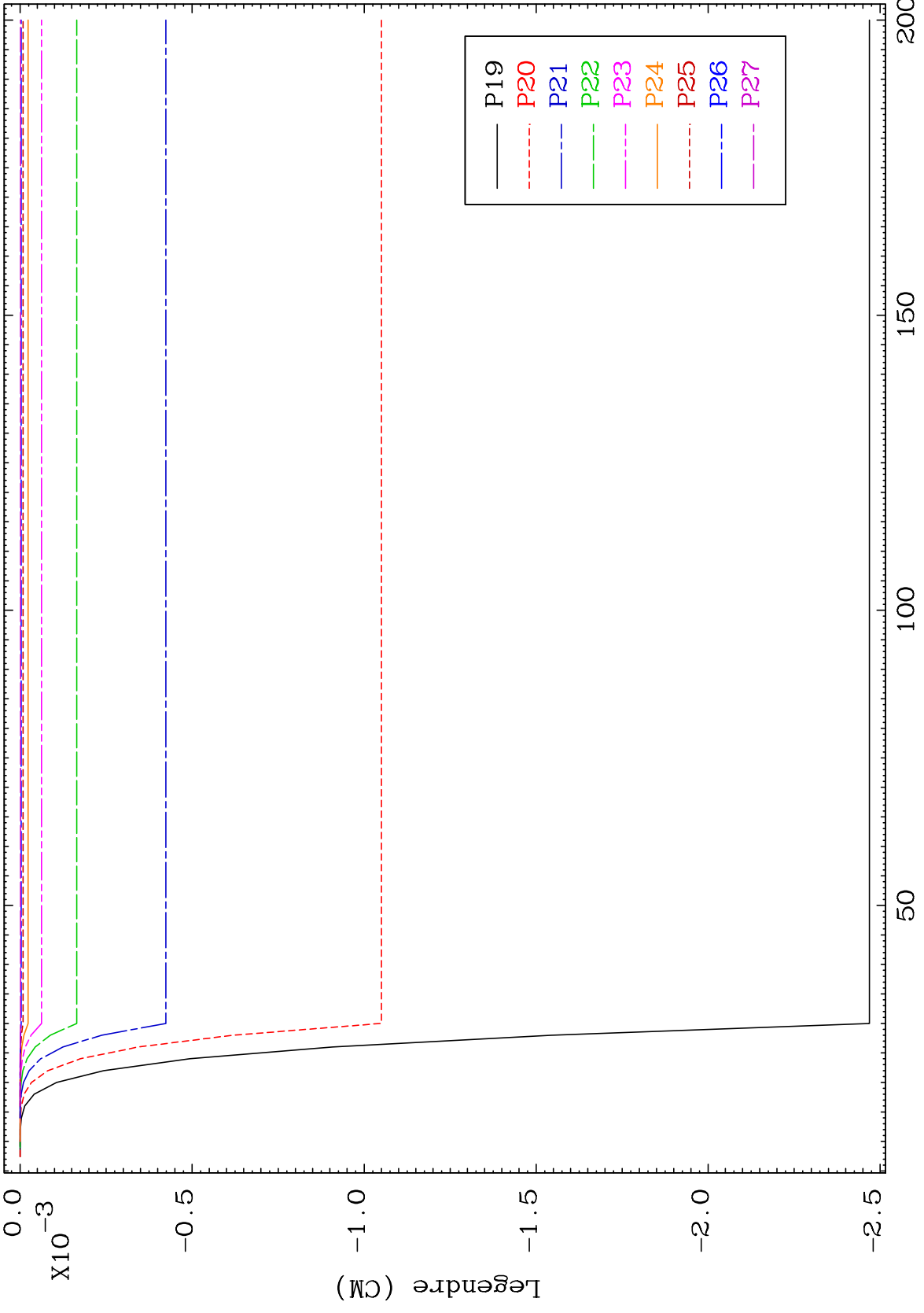


29

Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-73

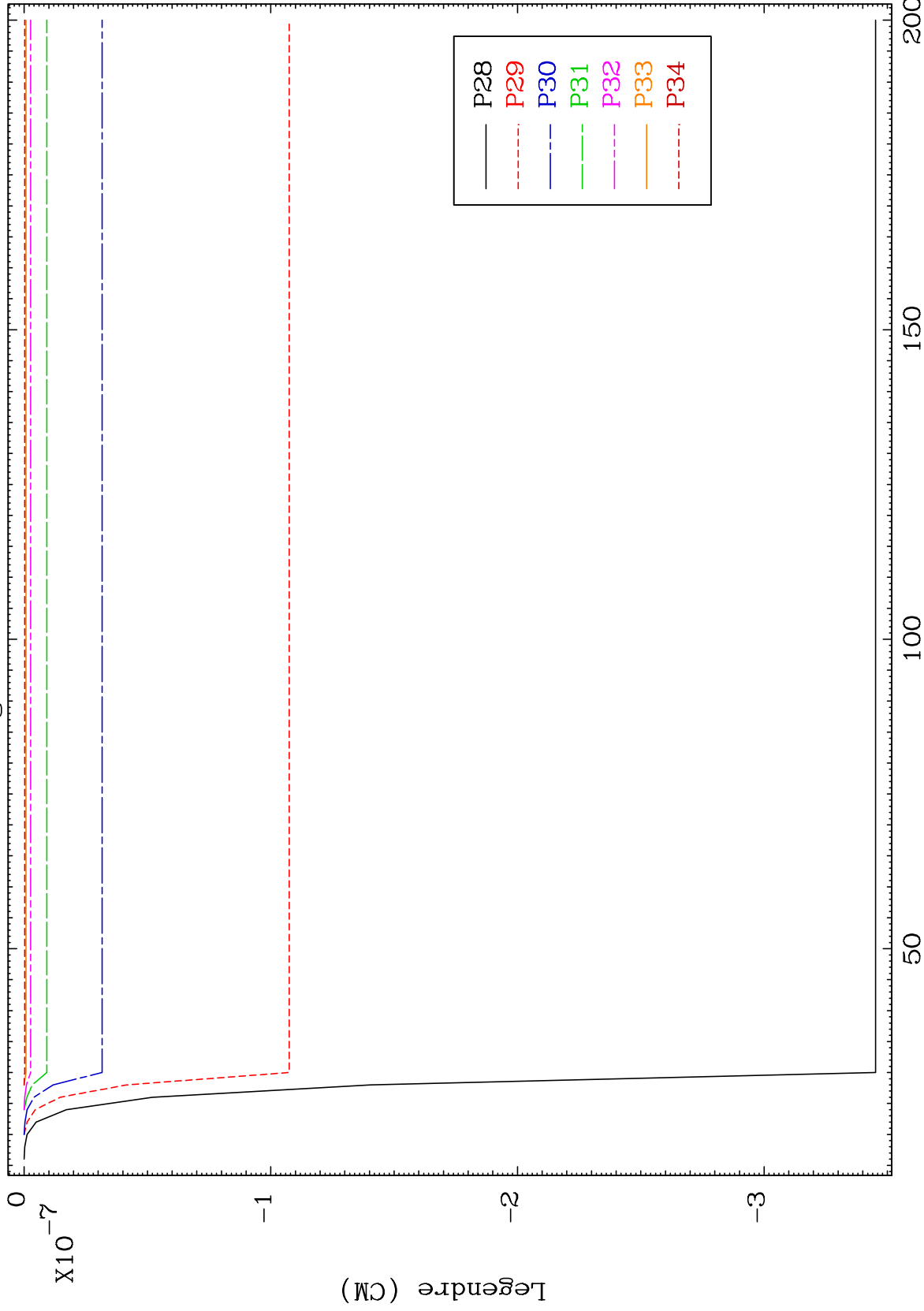


30 50 100 150 200 30-Zn-73 Incident Energy (MeV)

MAT 3052 MT= 53 (n,n') Level

Legendre Coefficients

30-Zn-73



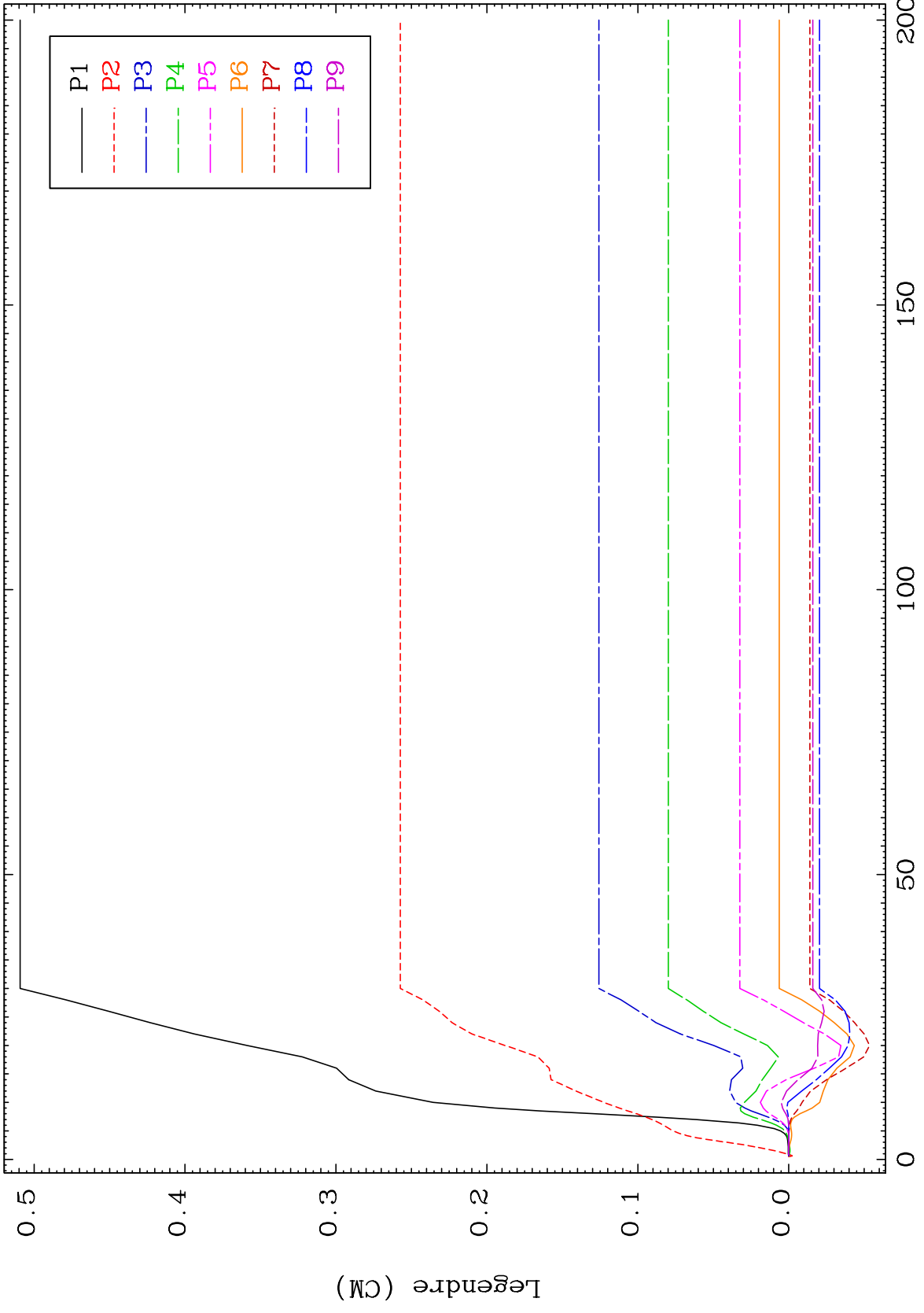
X10⁻⁷

30-Zn-73

Incident Energy (MeV)

31

MAT 3052 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-73

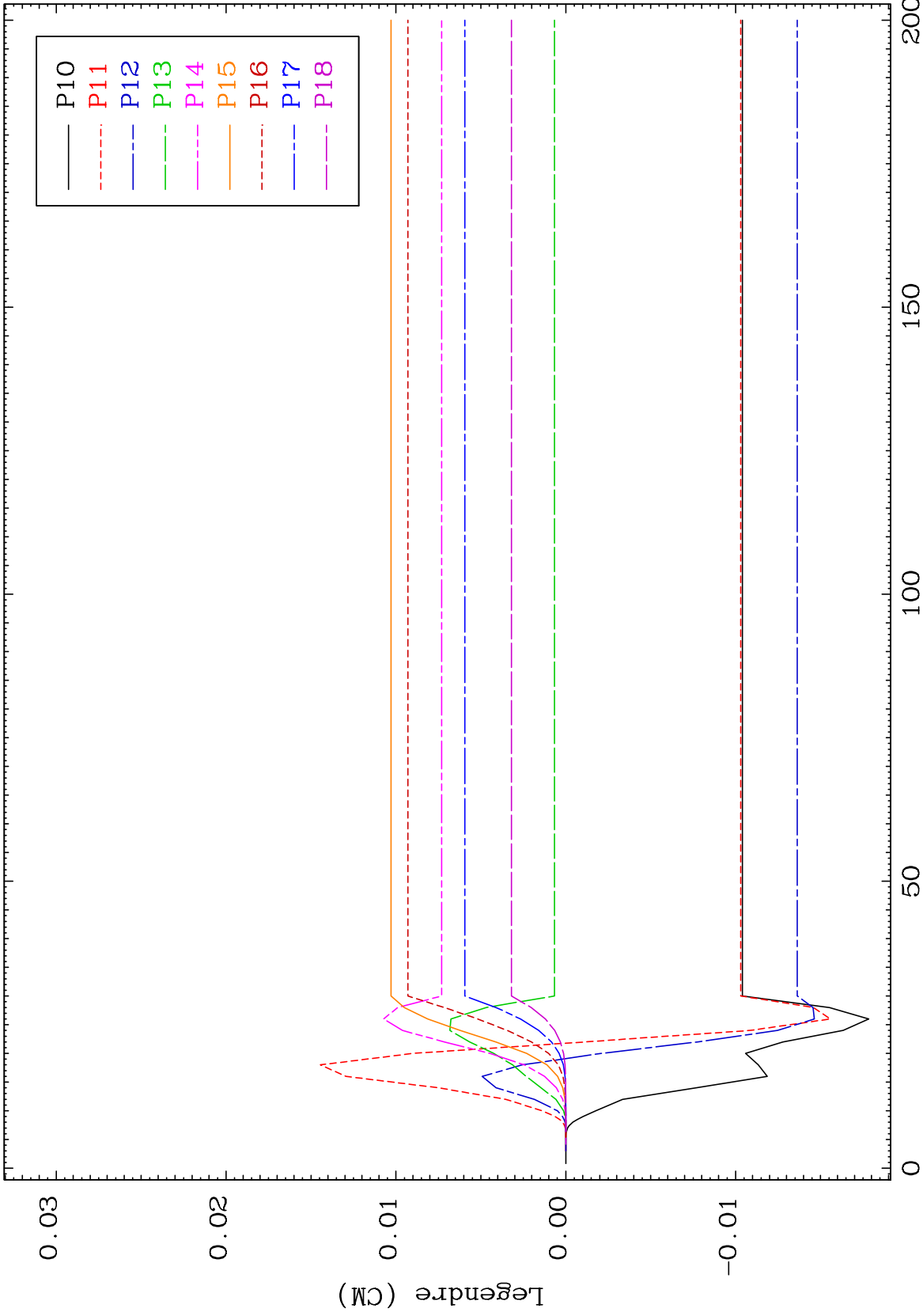


32 30-Zn-73

MAT 3052

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

30-Zn-73

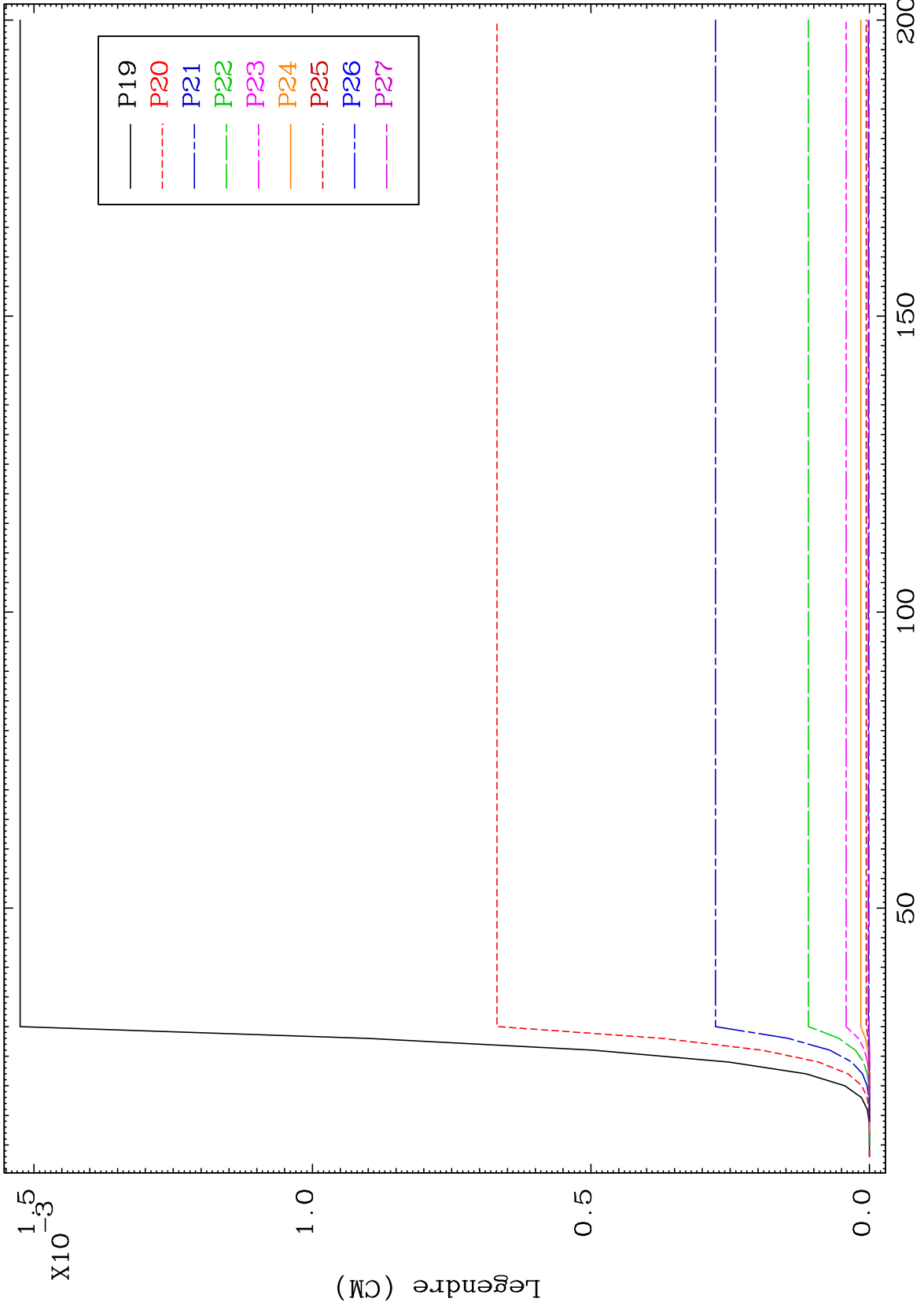


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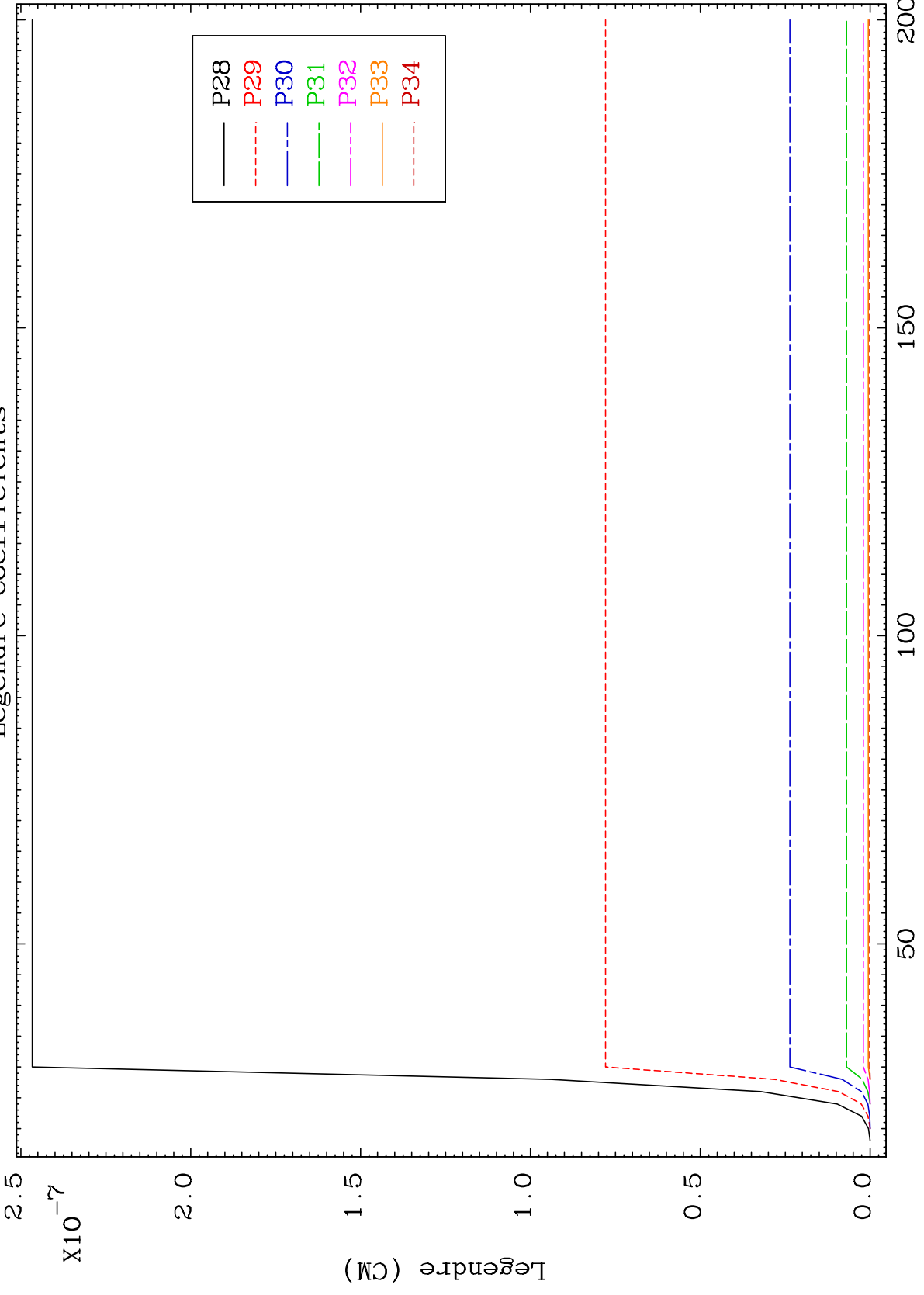
Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-73

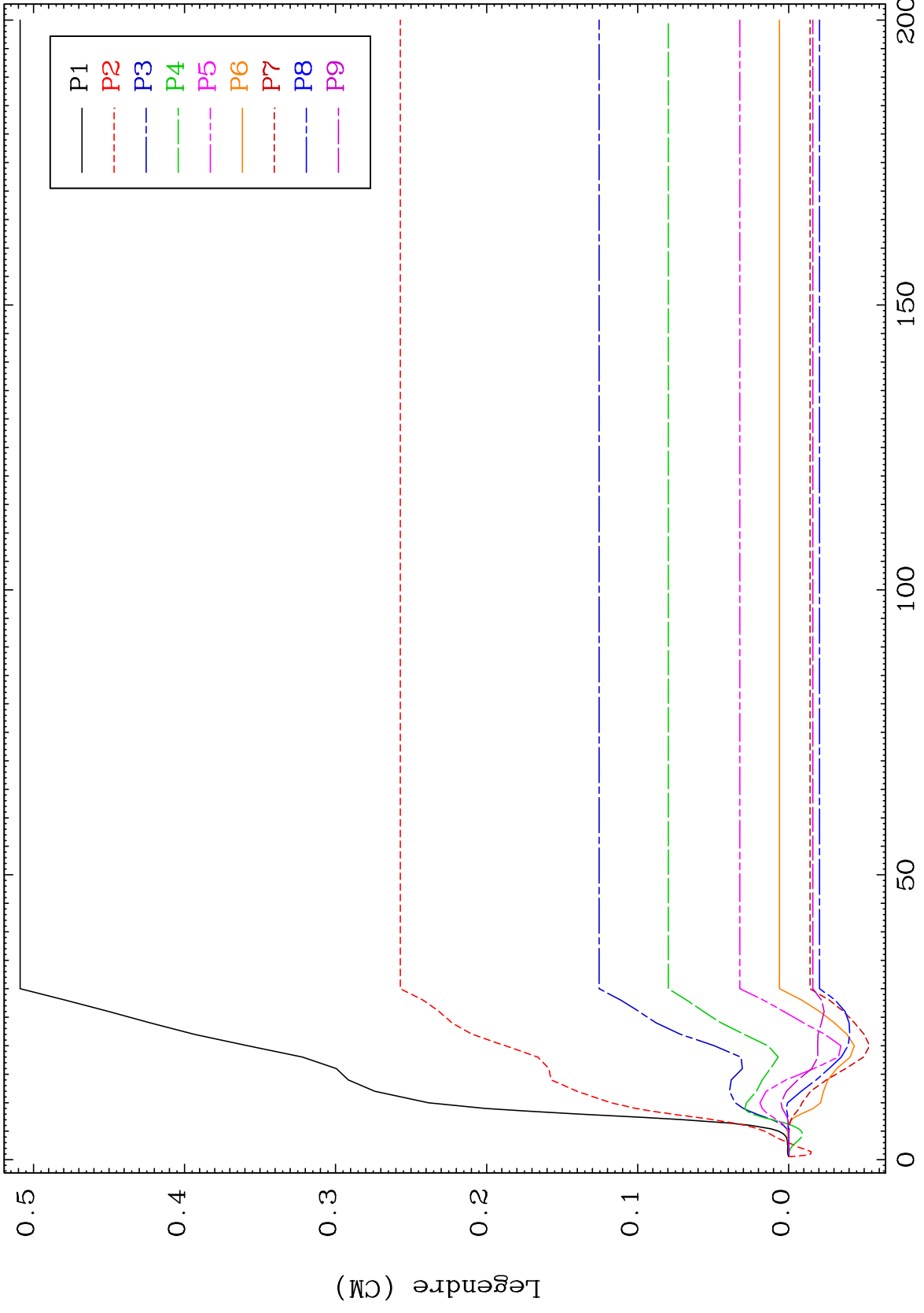


MAT 3052 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-73



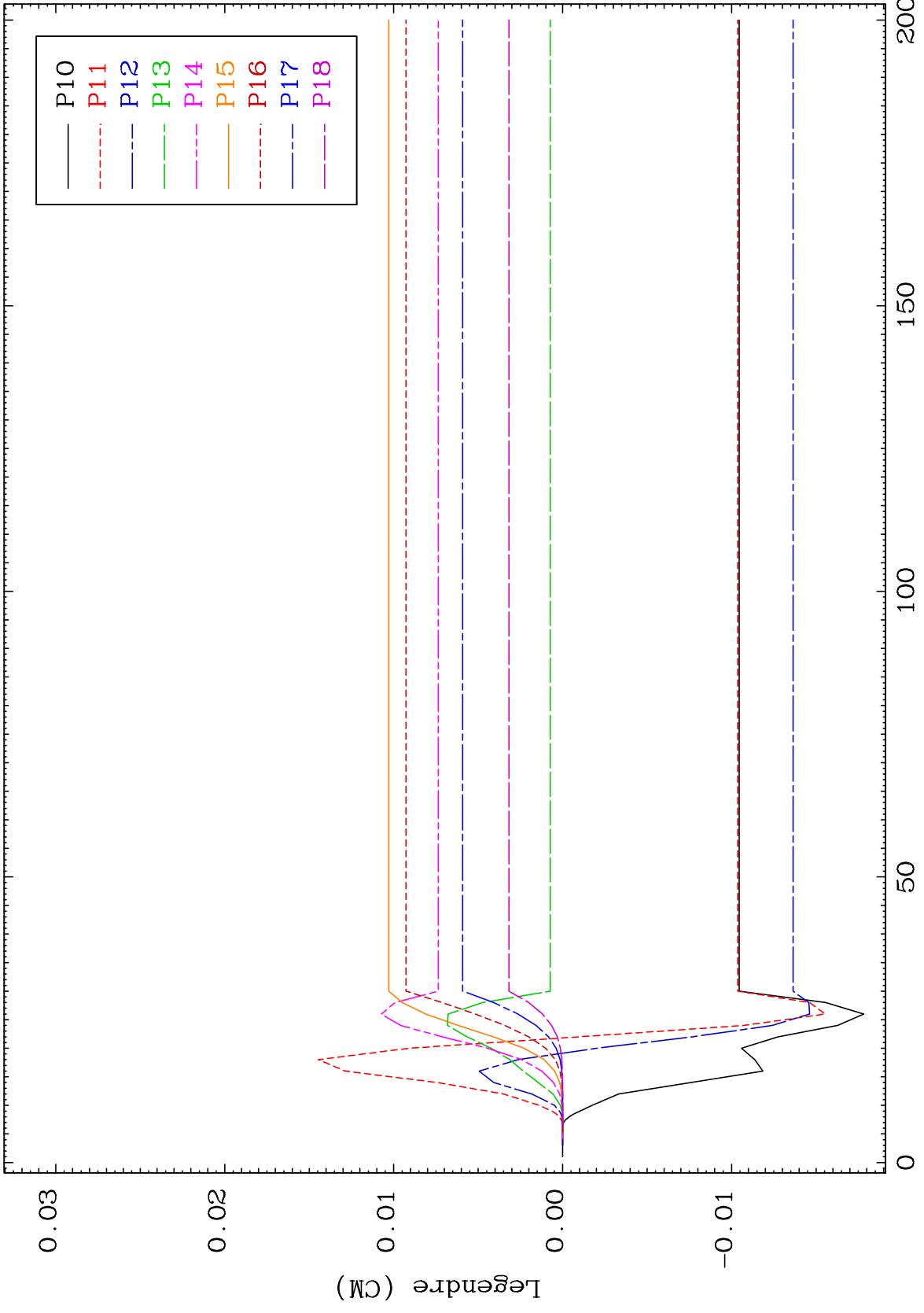
35 50 100 150 200 Incident Energy (MeV) 30-Zn-73

MAT 3052 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-73



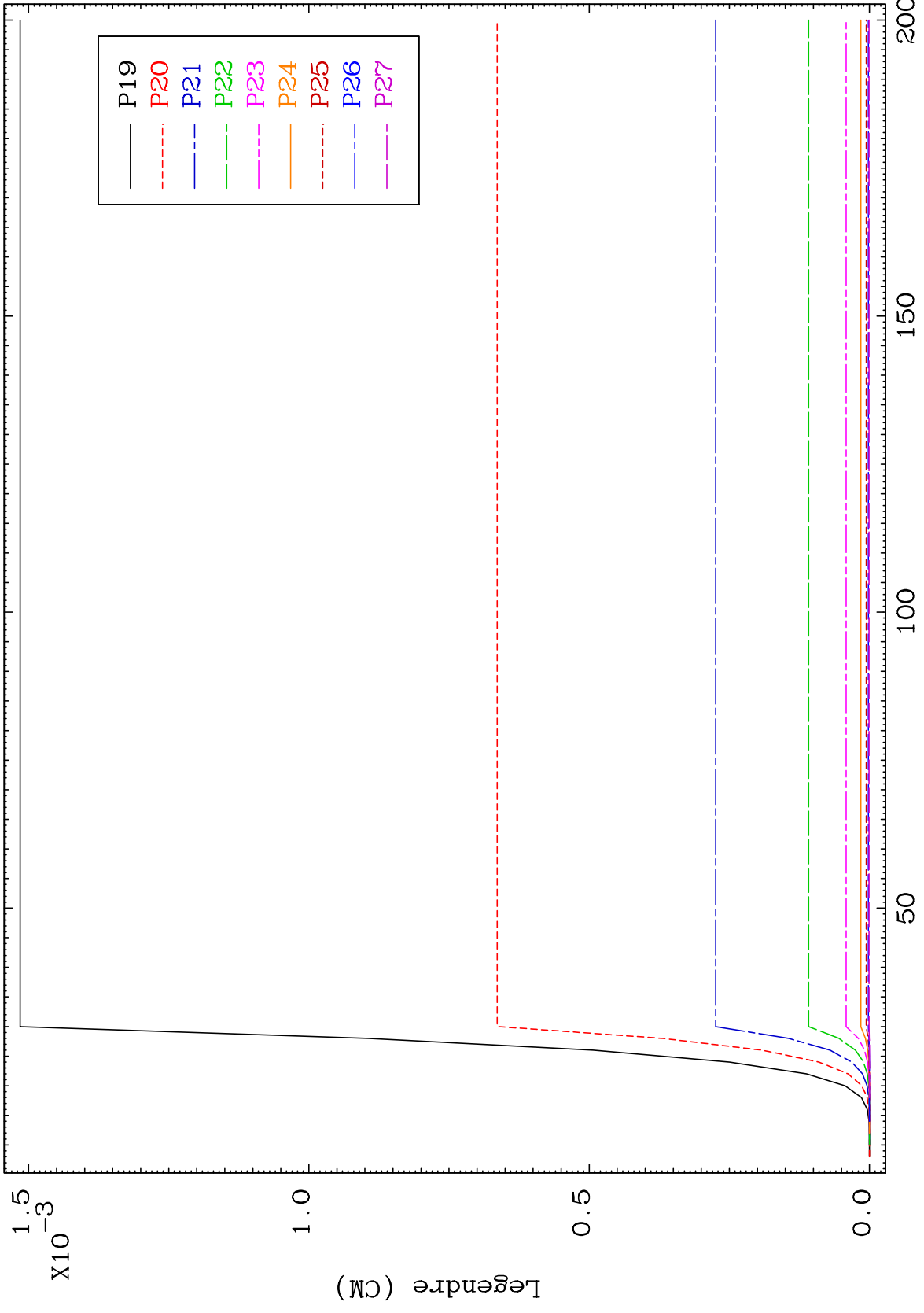
36 30-Zn-73

MAT 3052 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-73



37 30-Zn-73

MAT 3052 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-73



38

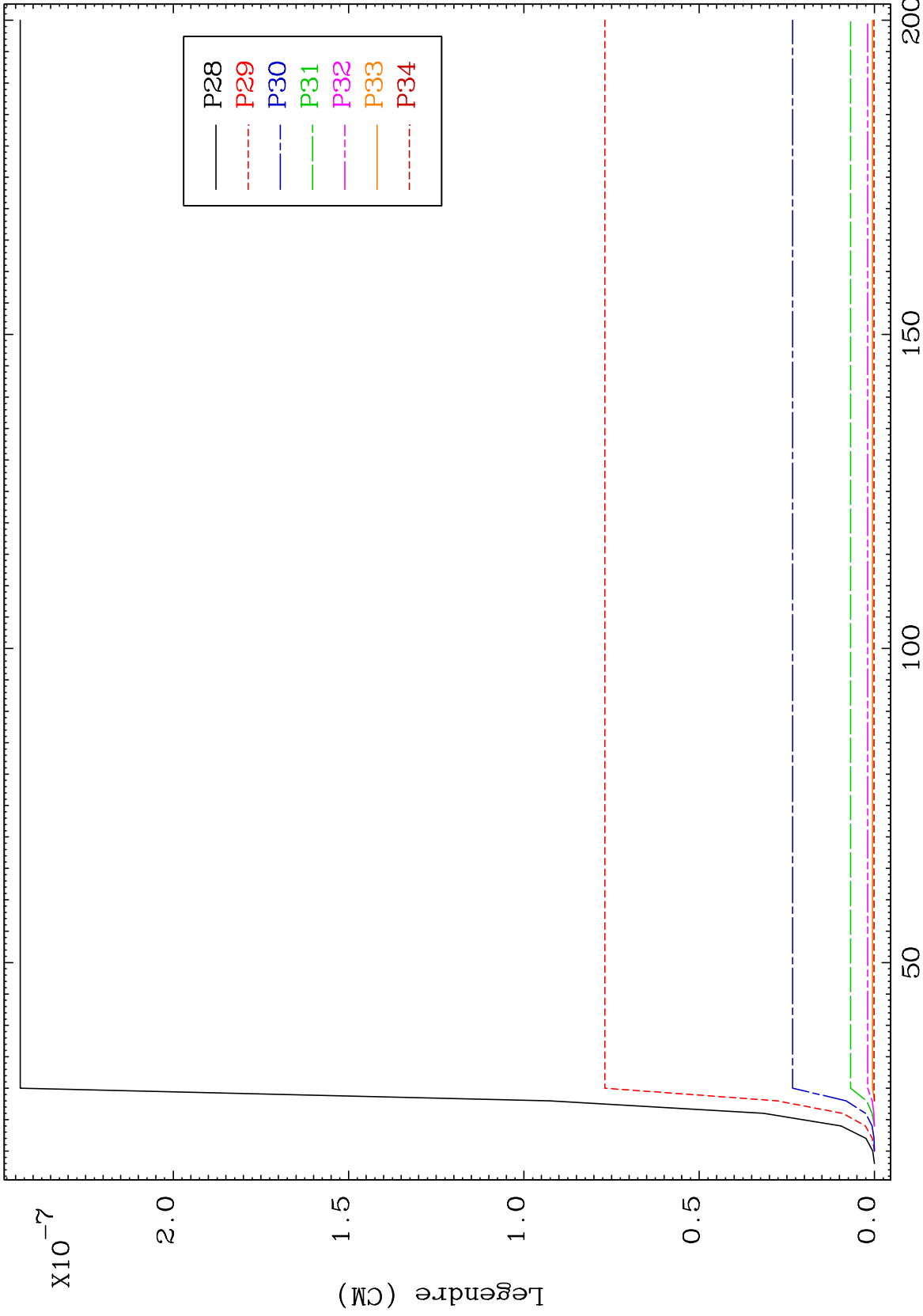
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73

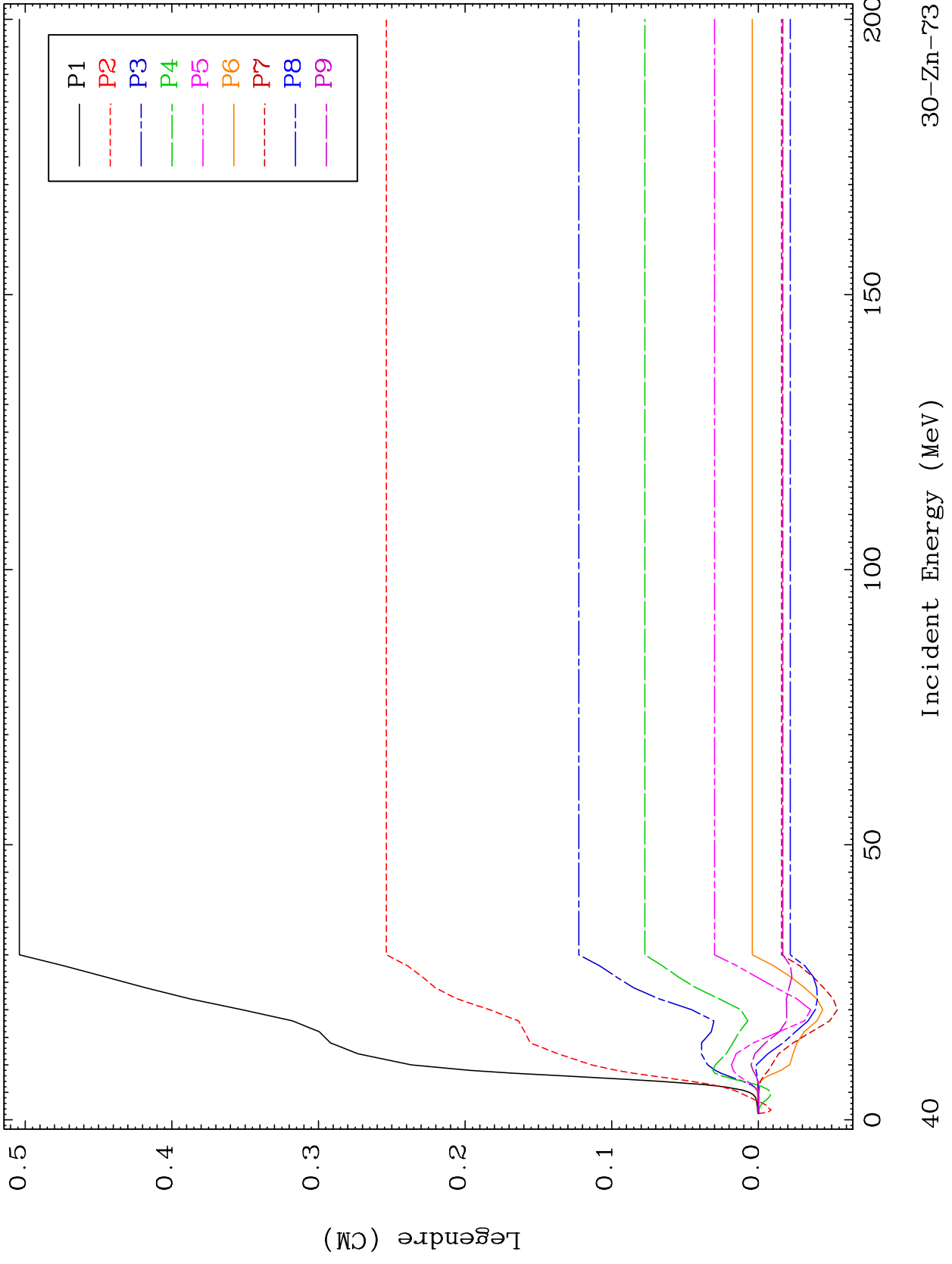


39

Incident Energy (MeV)

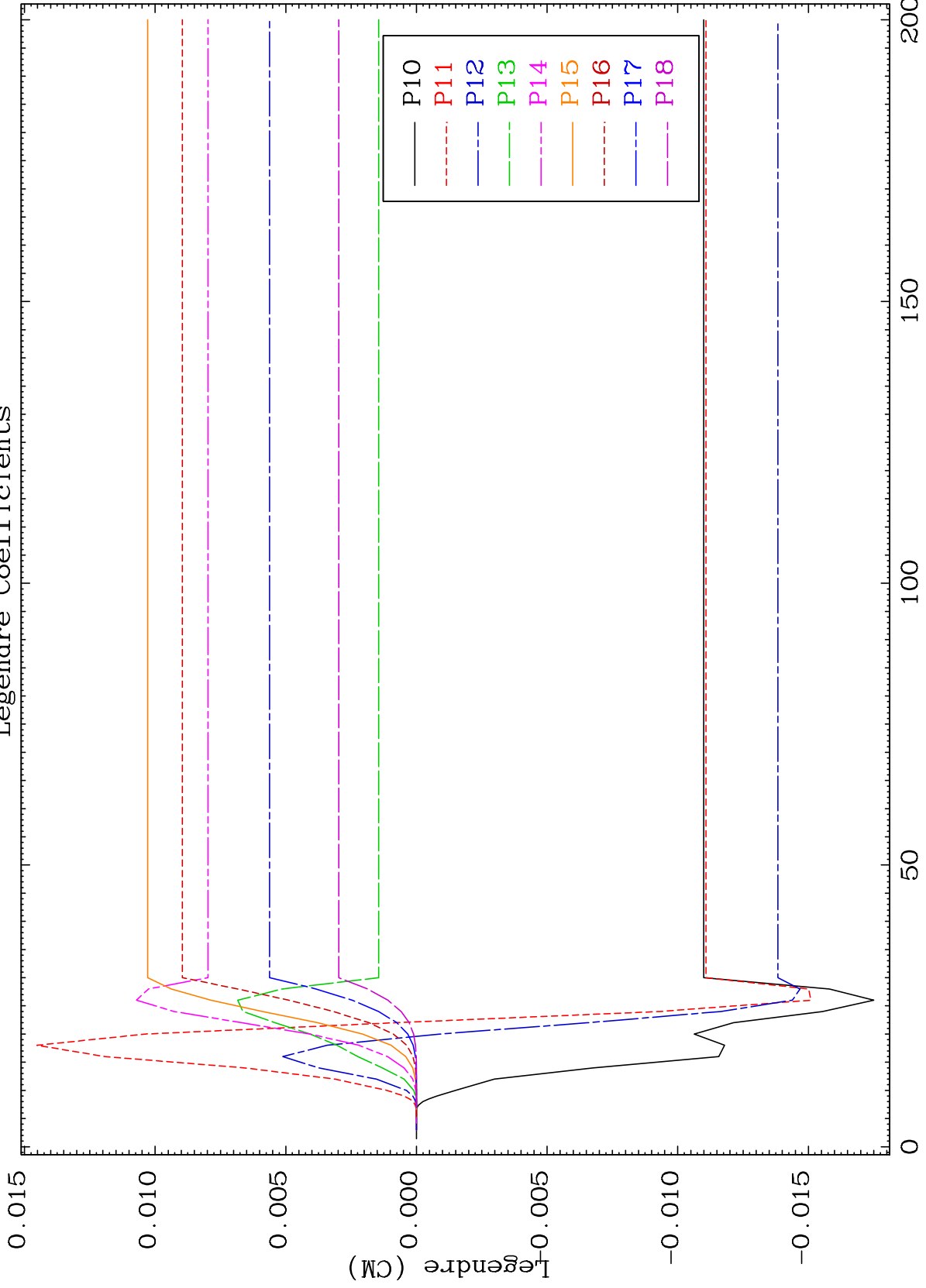
30-Zn-73

MAT 3052 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052 MT= 56 (n,n') Level Legendre Coefficients

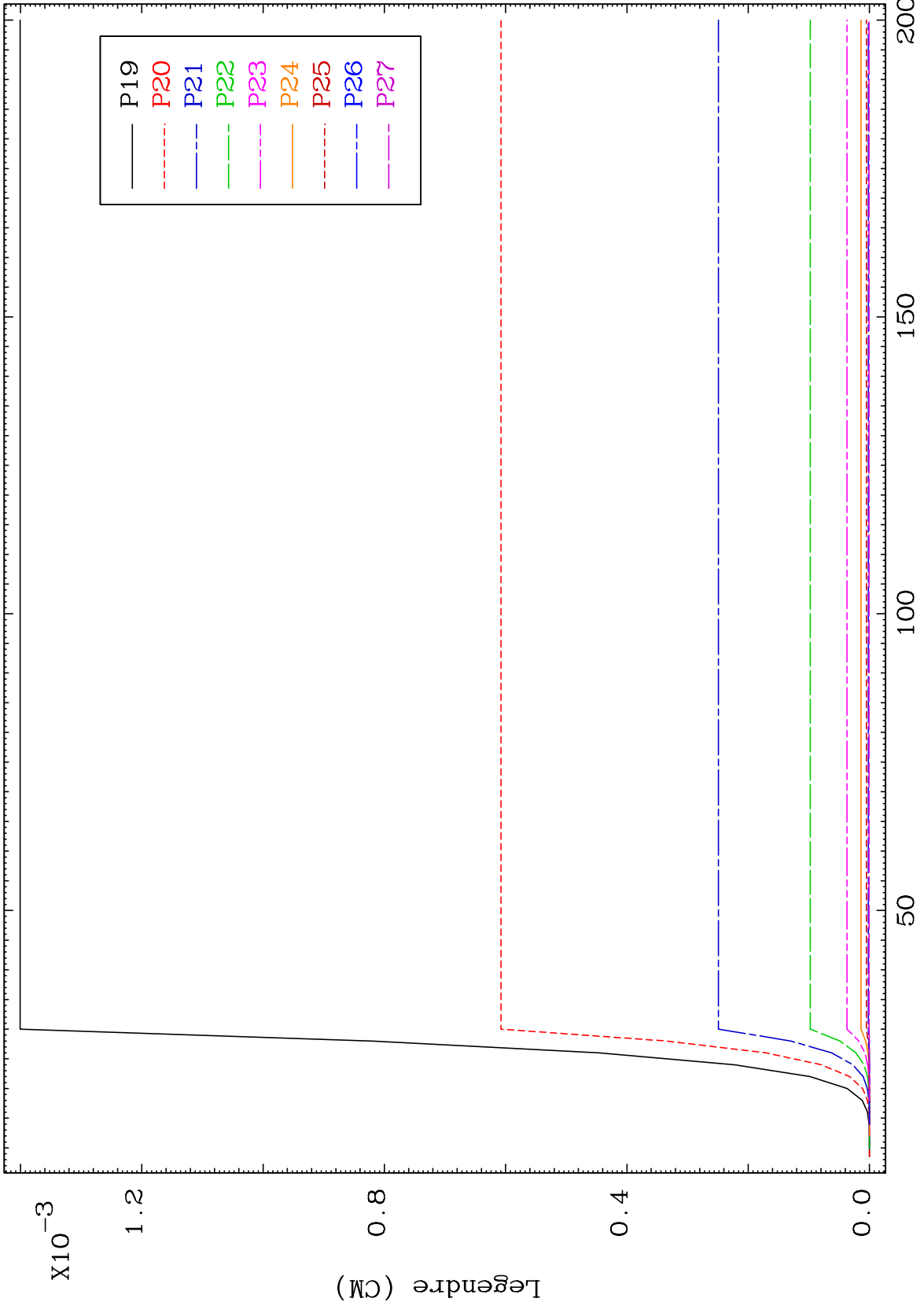
30-Zn-73



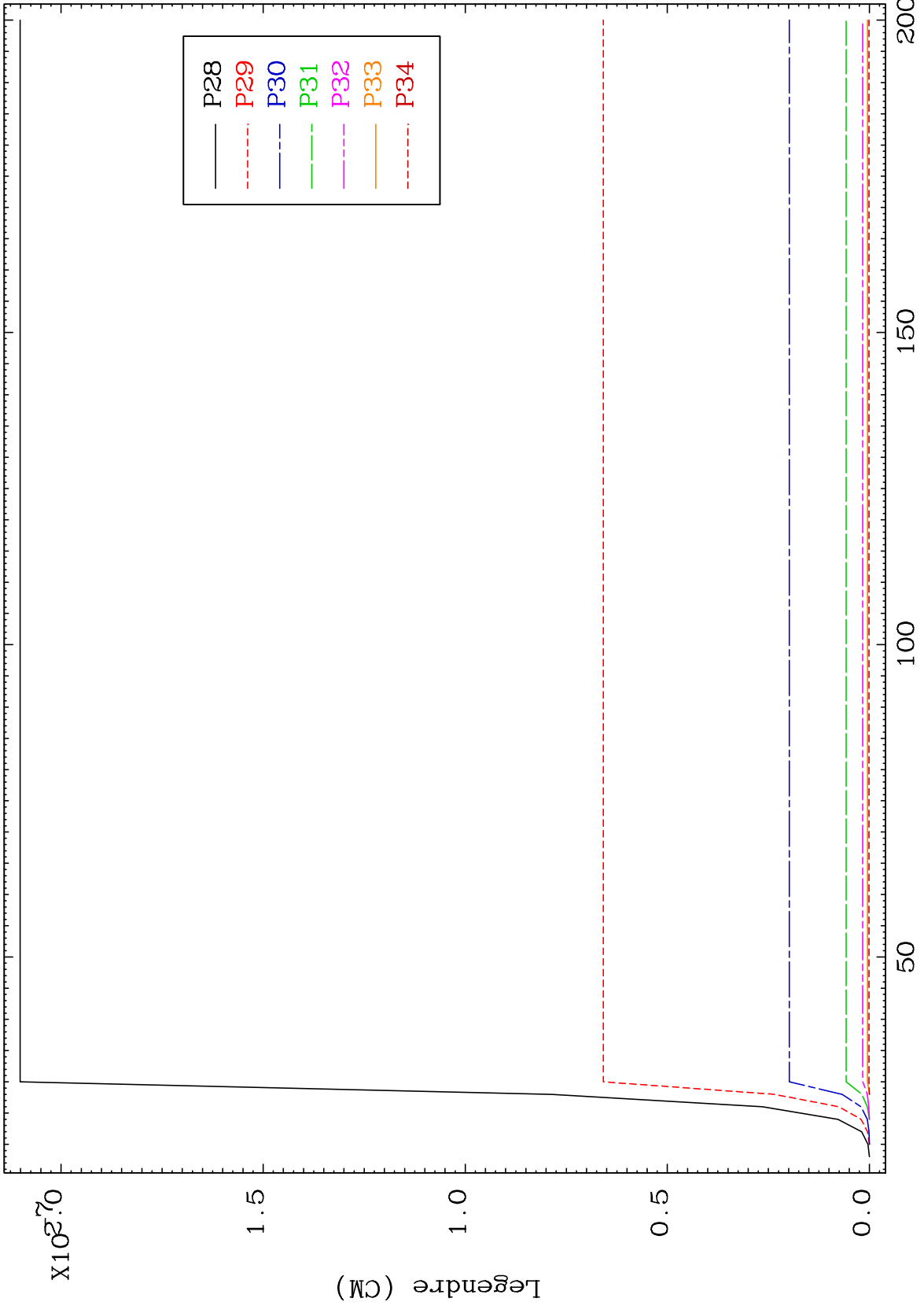
30-Zn-73

Incident Energy (MeV)

MAT 3052 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-73



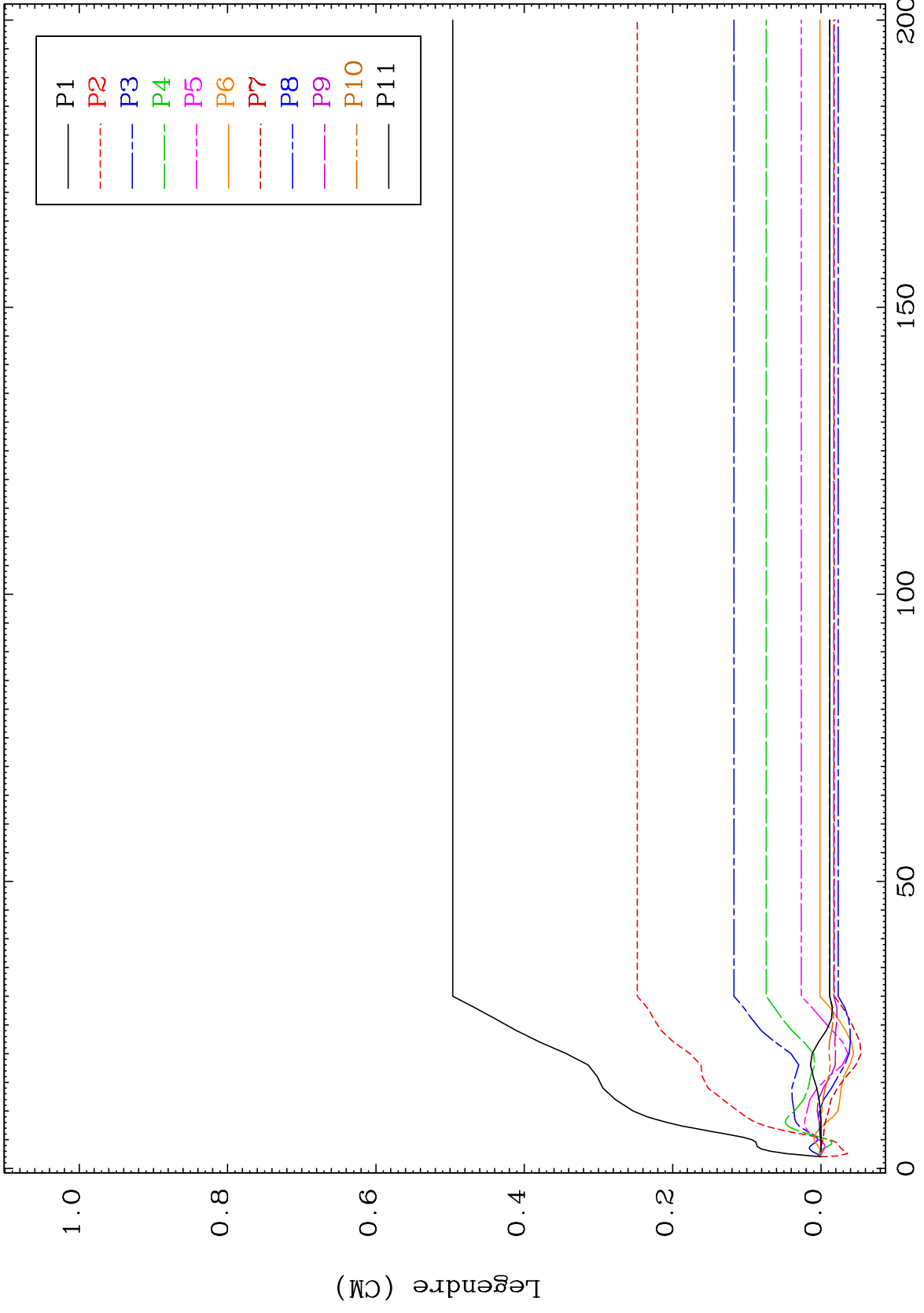
MAT 3052 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73

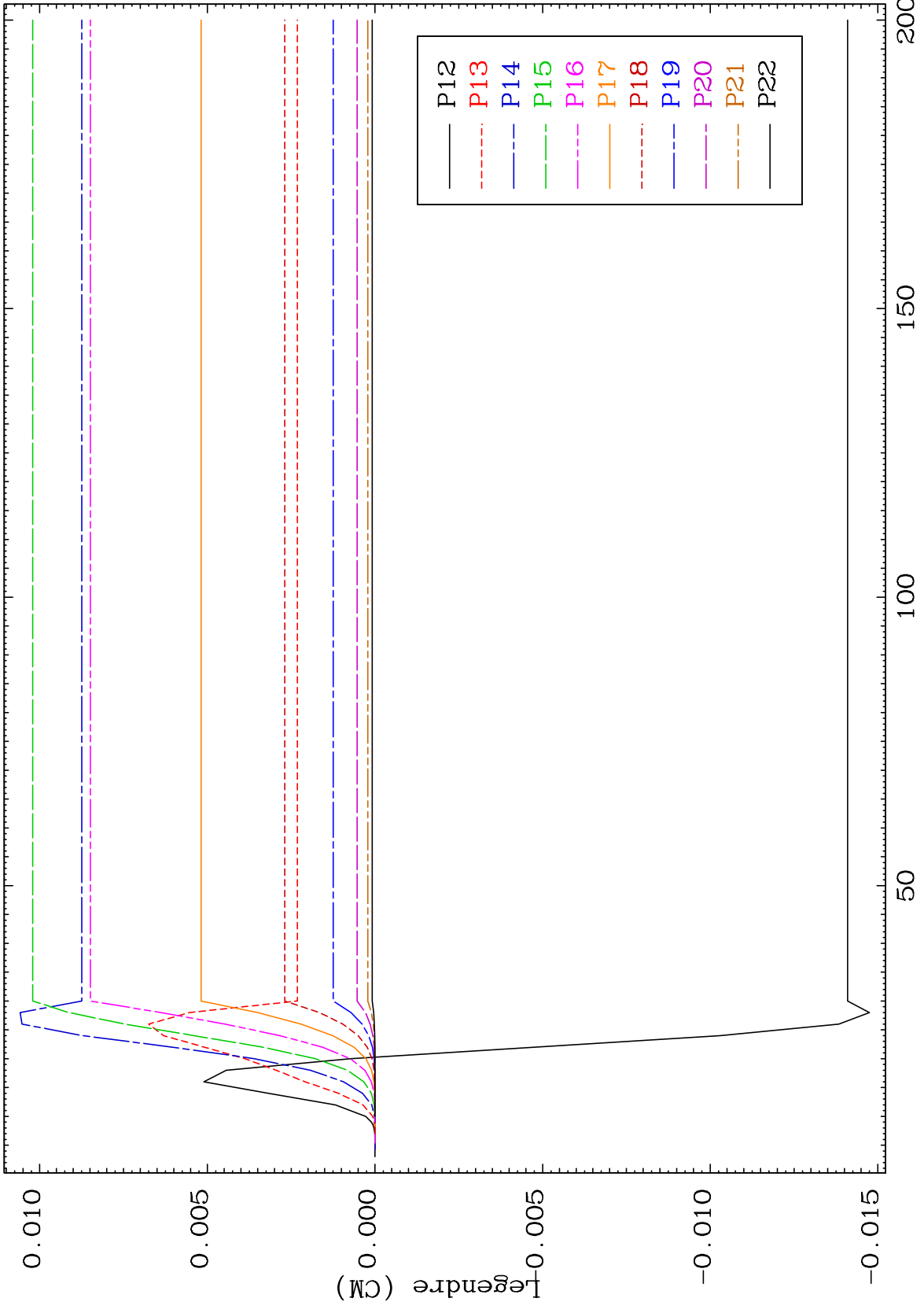


44

Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-73

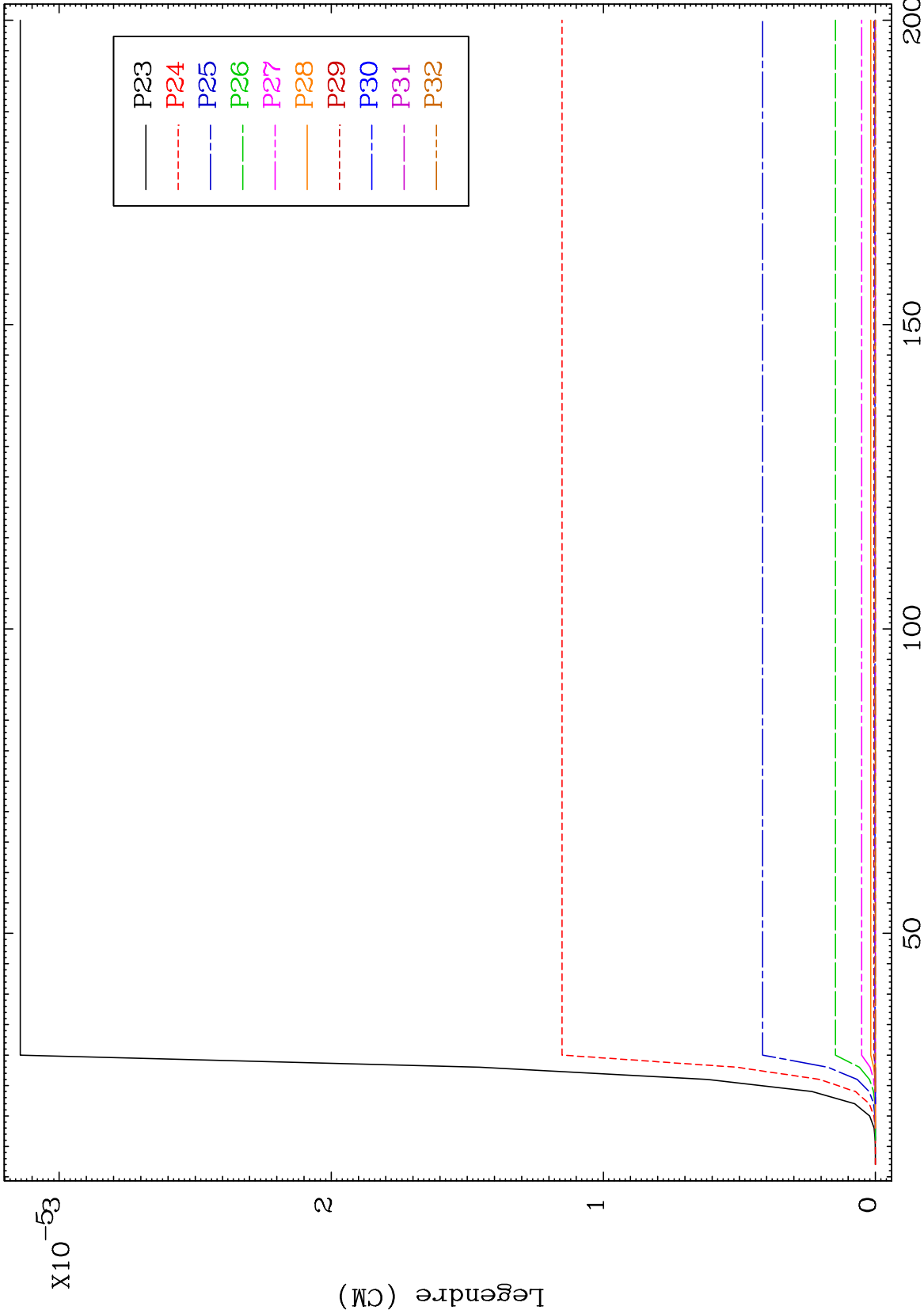


45 Incident Energy (MeV) 30-Zn-73

MAT 3052

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

30-Zn-73



46

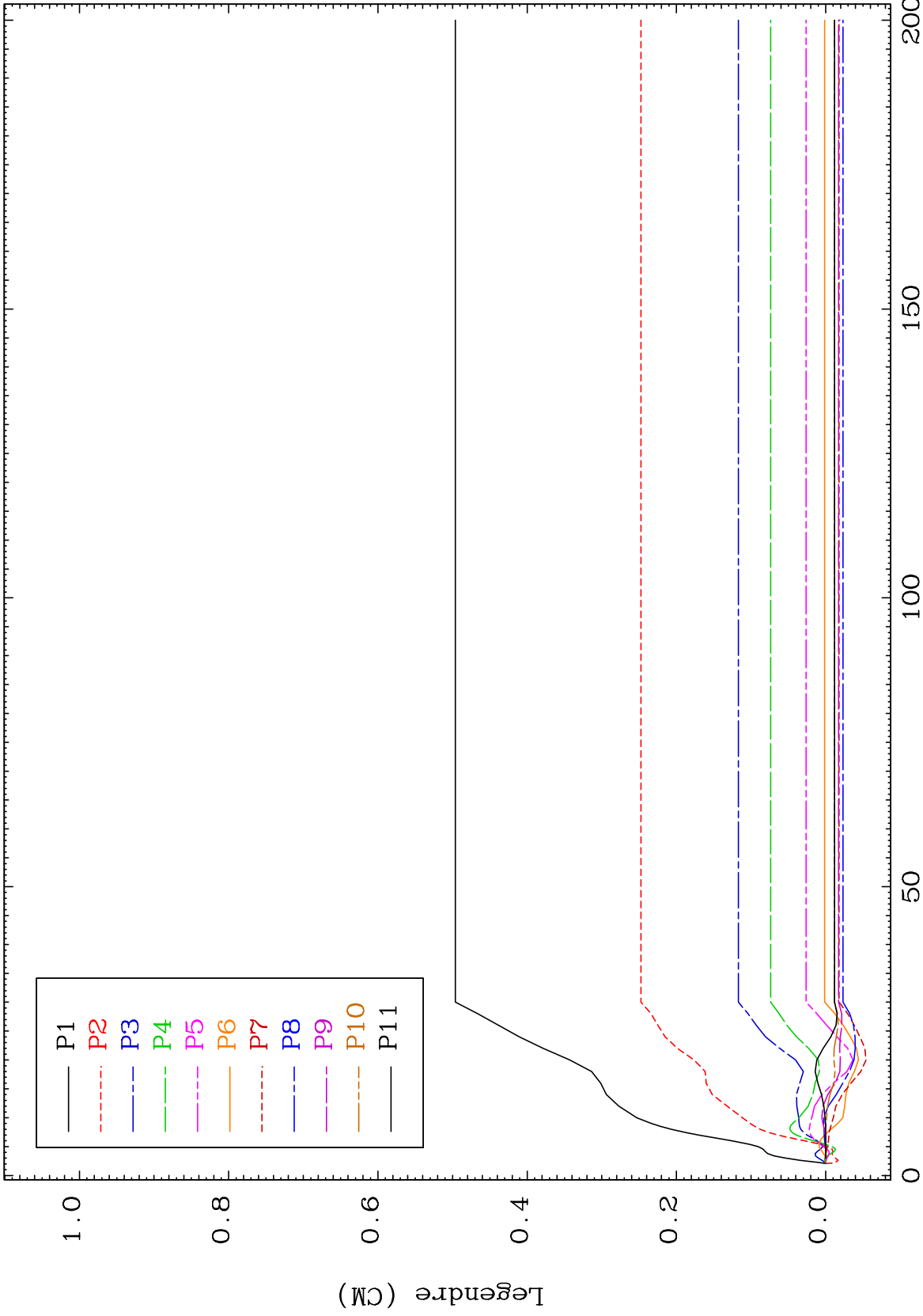
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

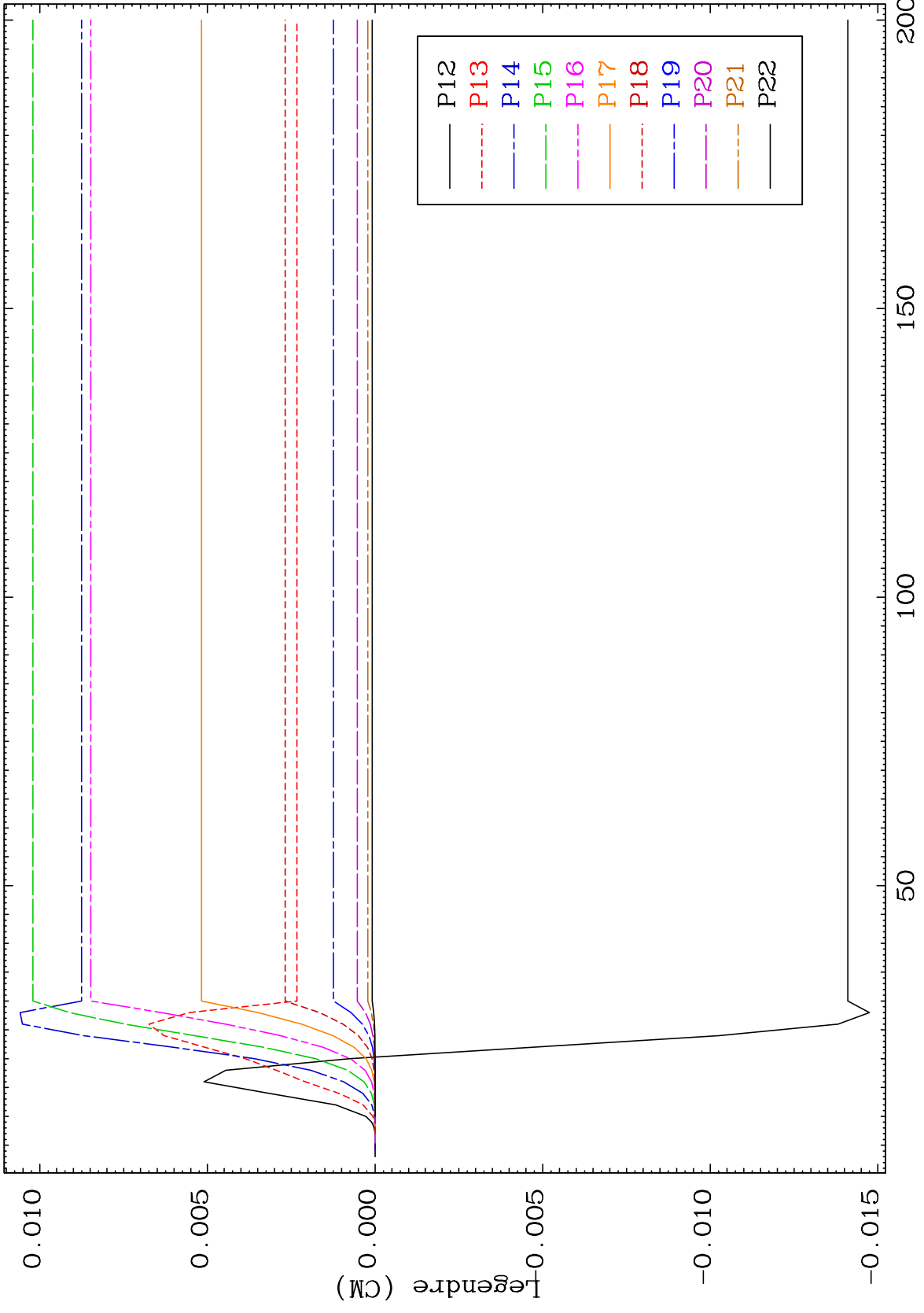
30-Zn-73



47

30-Zn-73

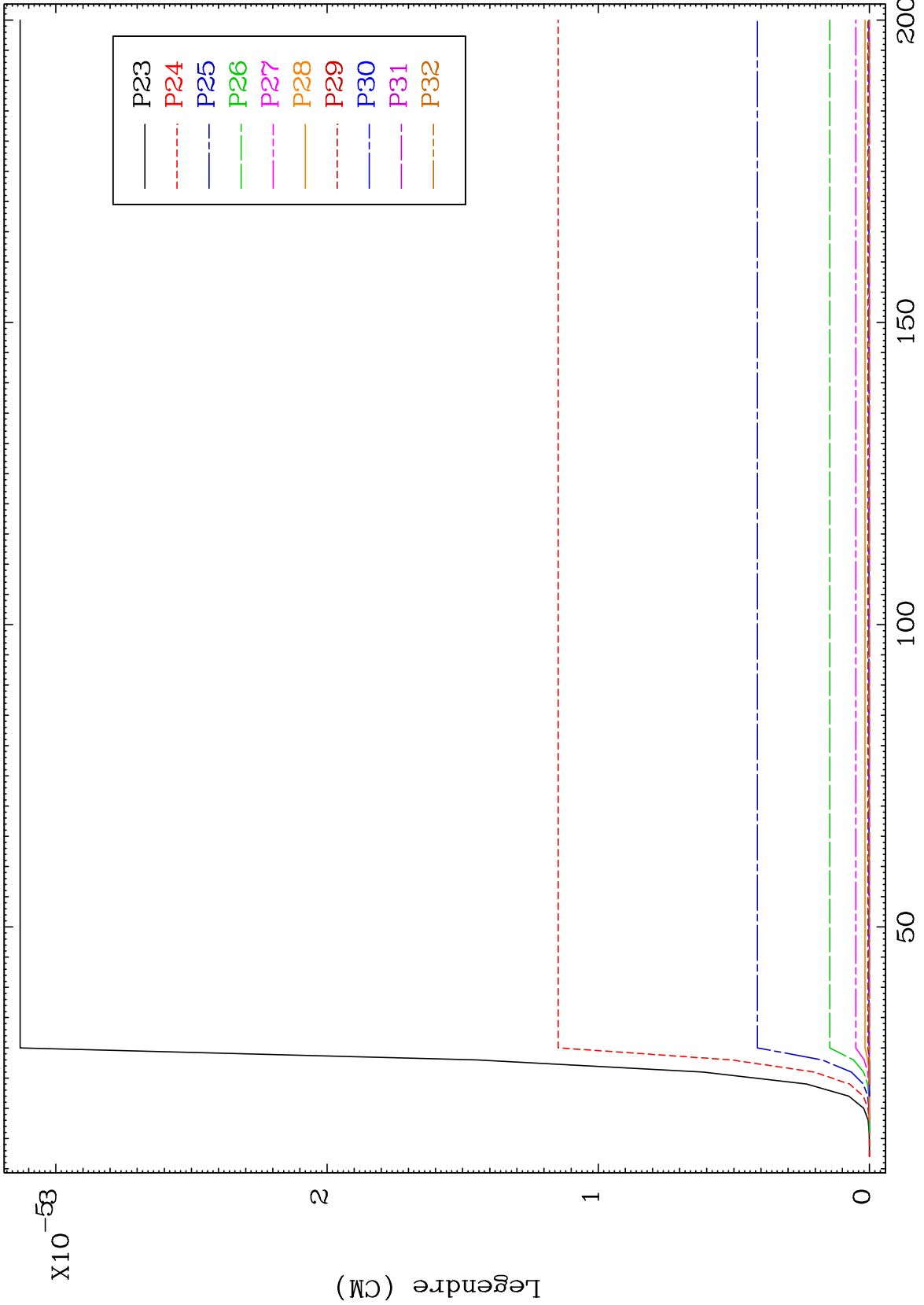
MAT 3052 MT= 58 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73



49

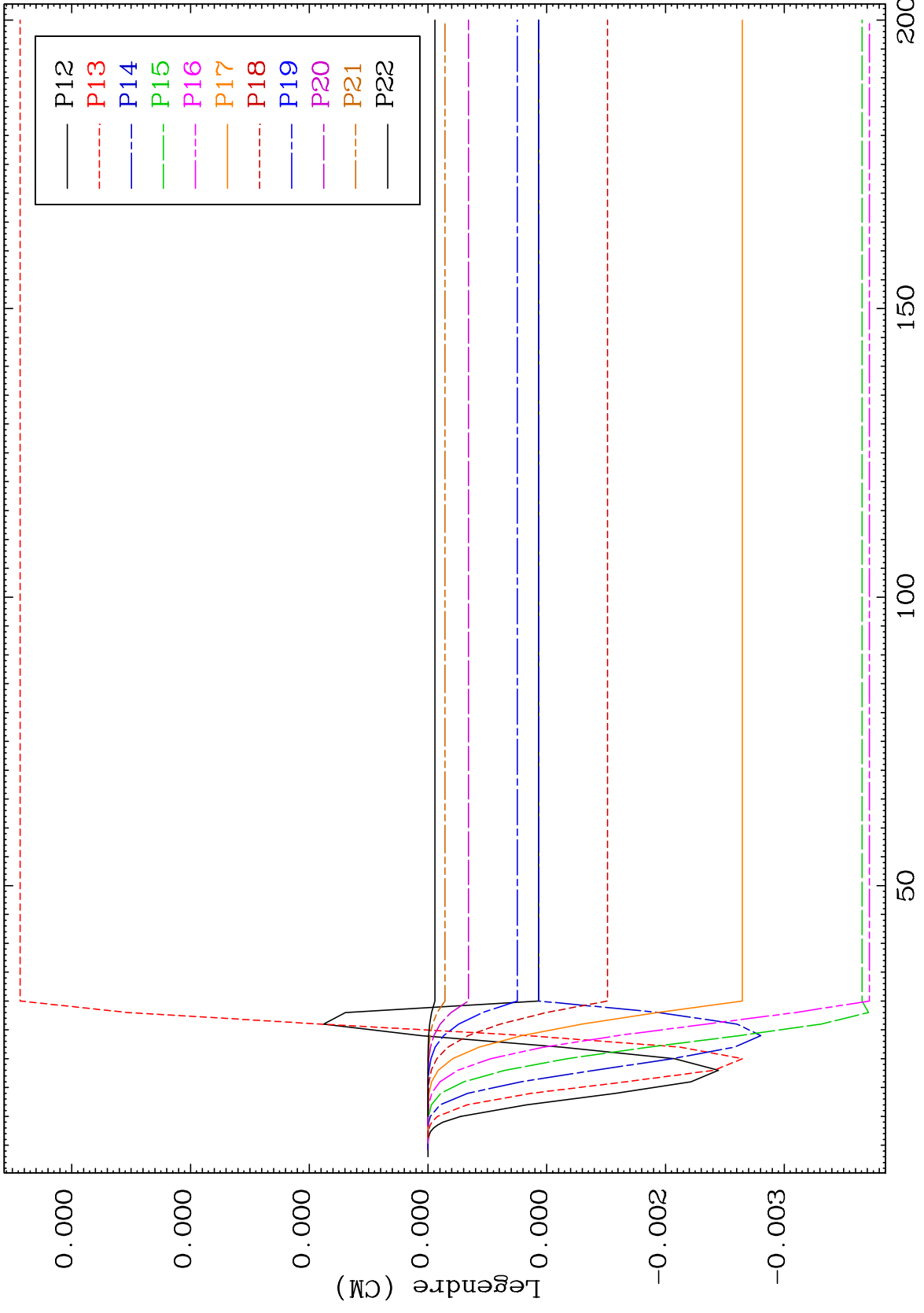
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73

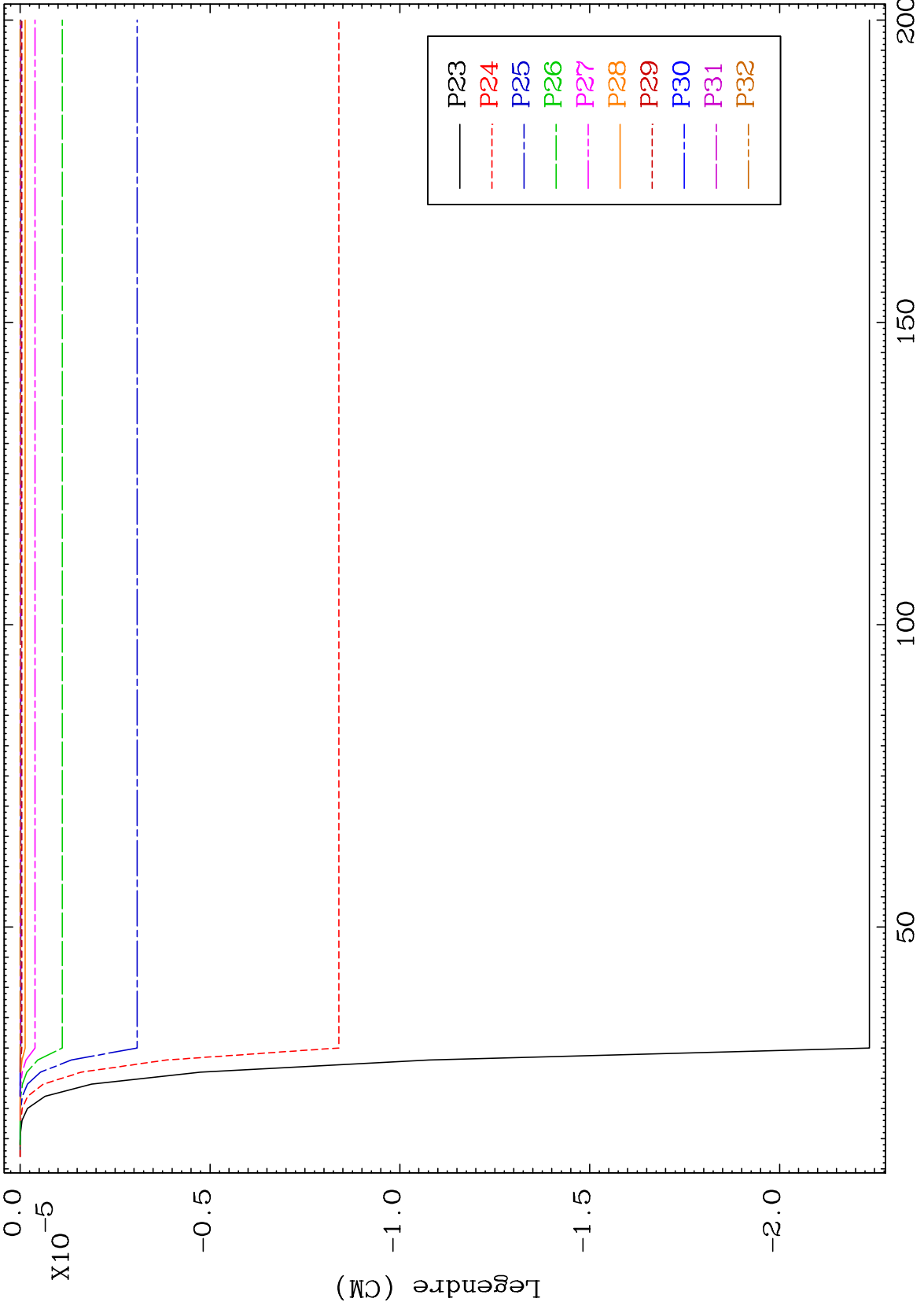


51

Incident Energy (MeV)

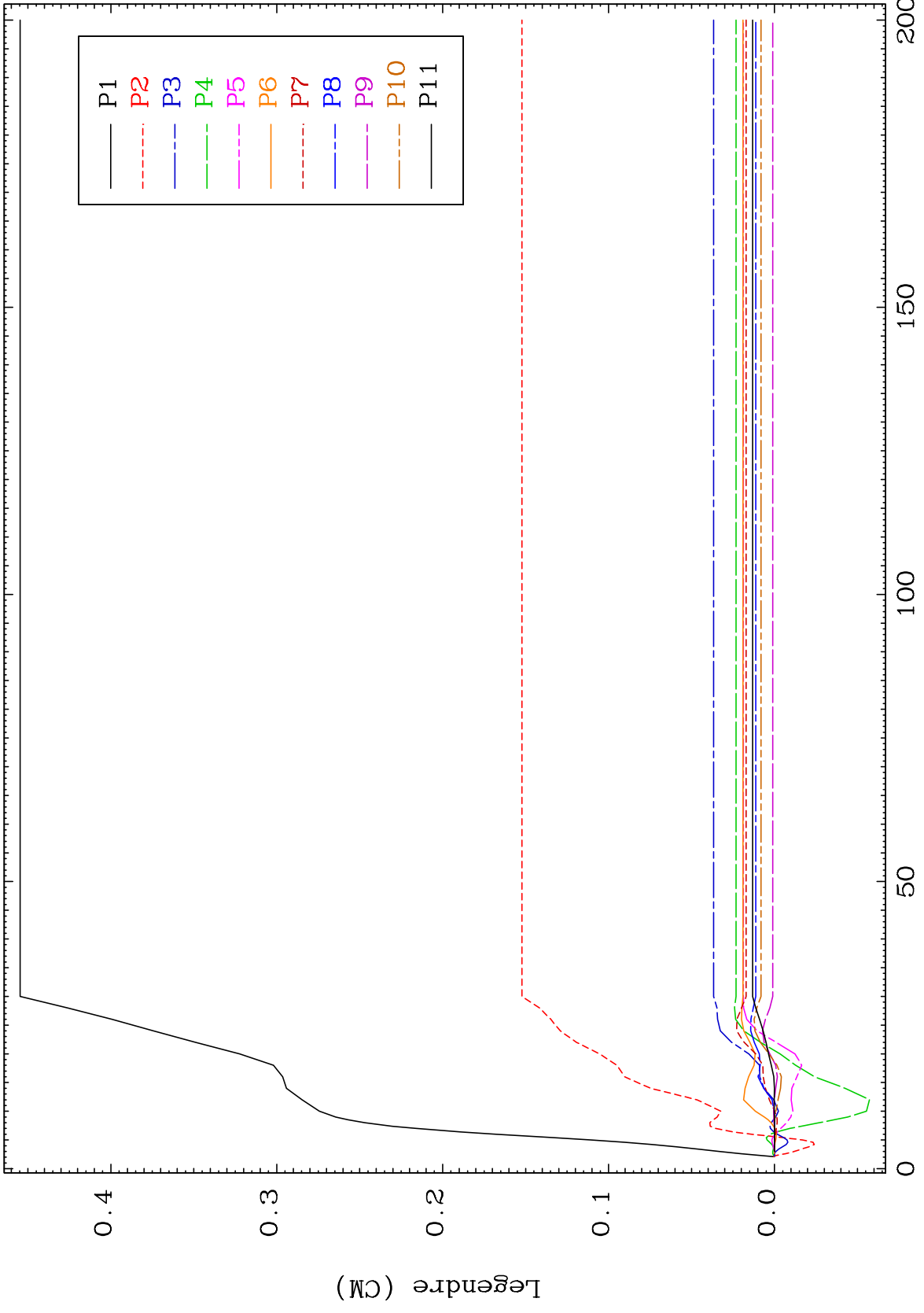
30-Zn-73

MAT 3052 MT= 59 (n,n') Level Legendre Coefficients 30-Zn-73



52 Incident Energy (MeV) 30-Zn-73

MAT 3052 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-73

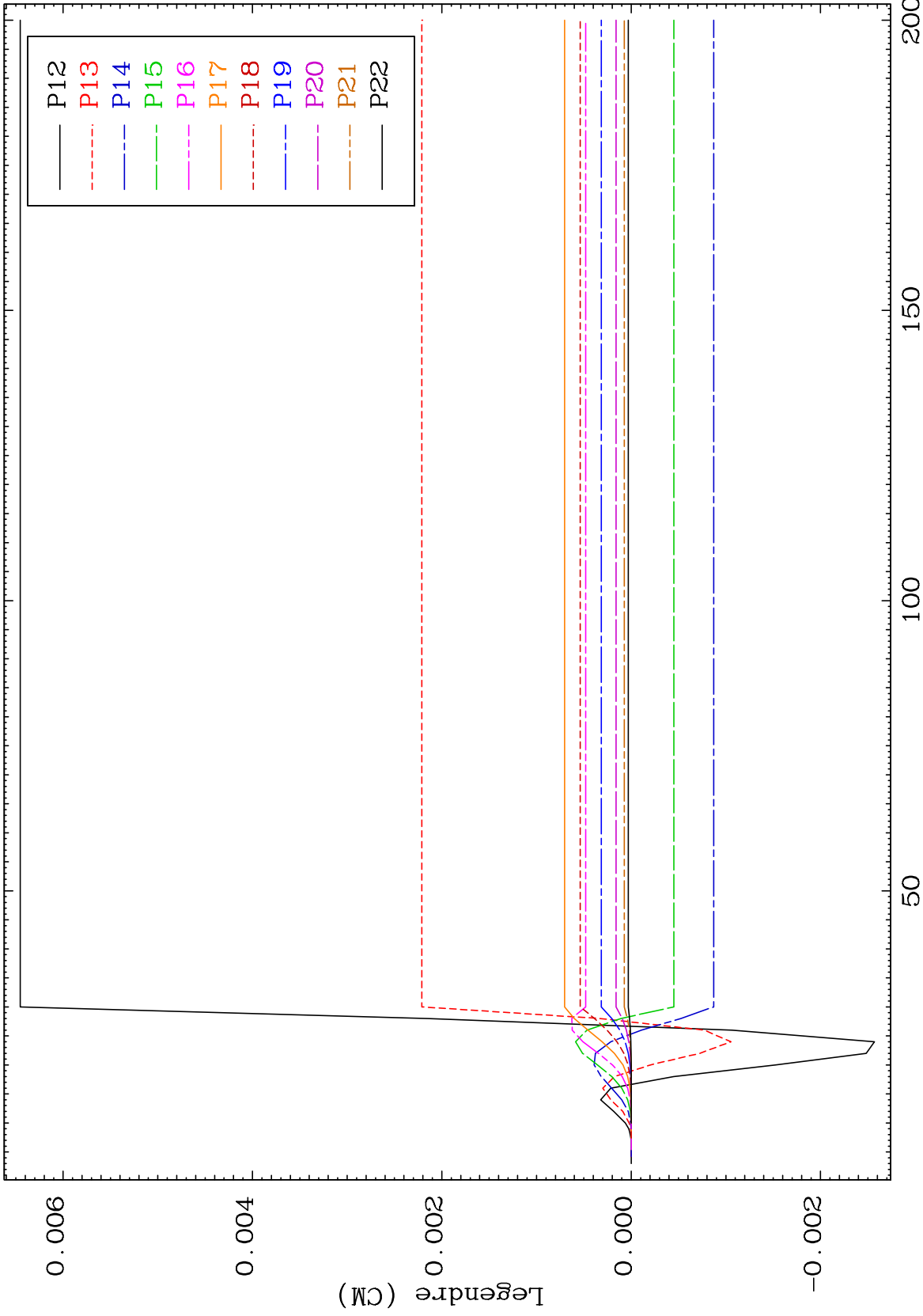


53 Incident Energy (MeV) 30-Zn-73

MAT 3052

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

30-Zn-73

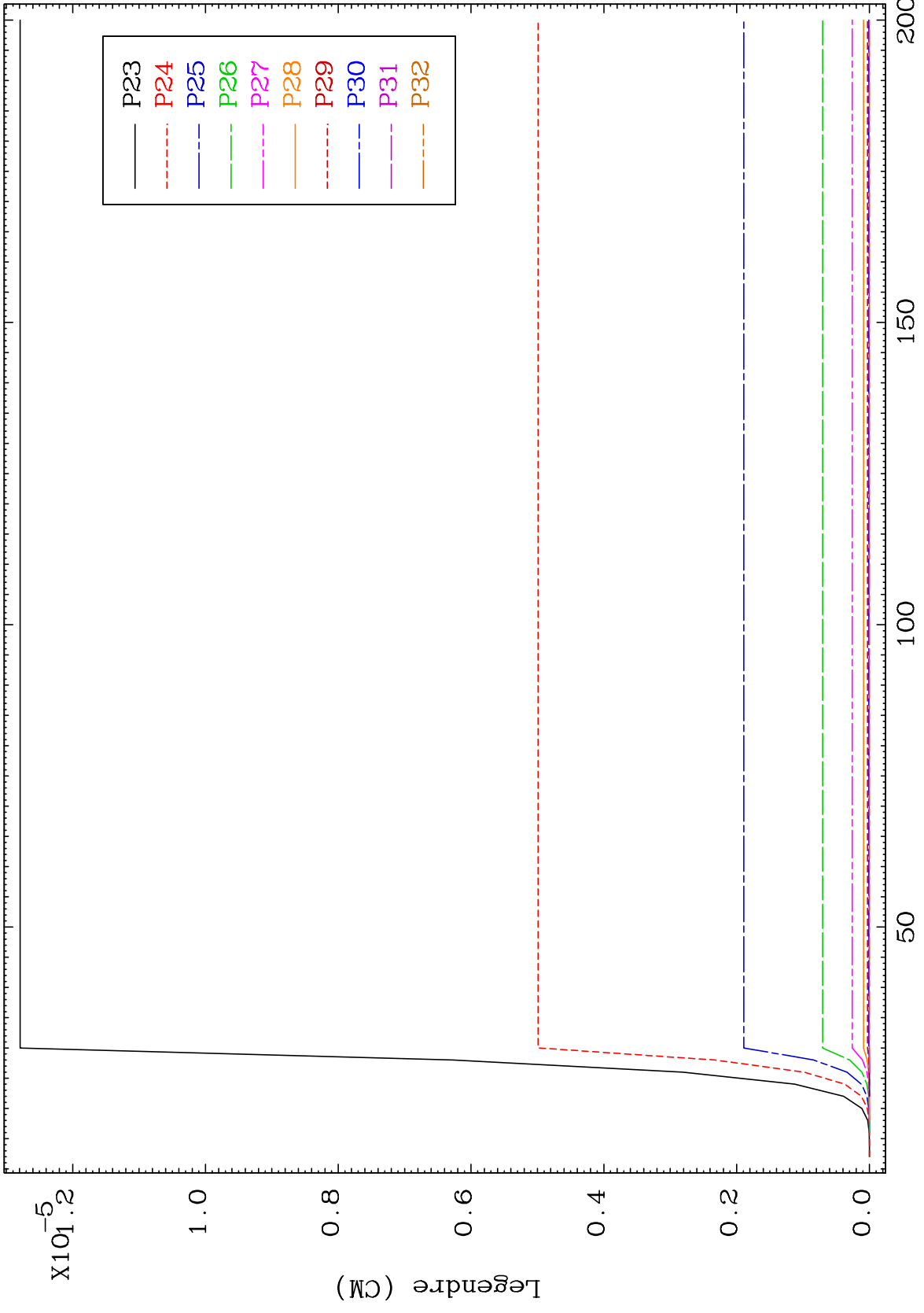


54

Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 60 (n,n') Level Legendre Coefficients 30-Zn-73

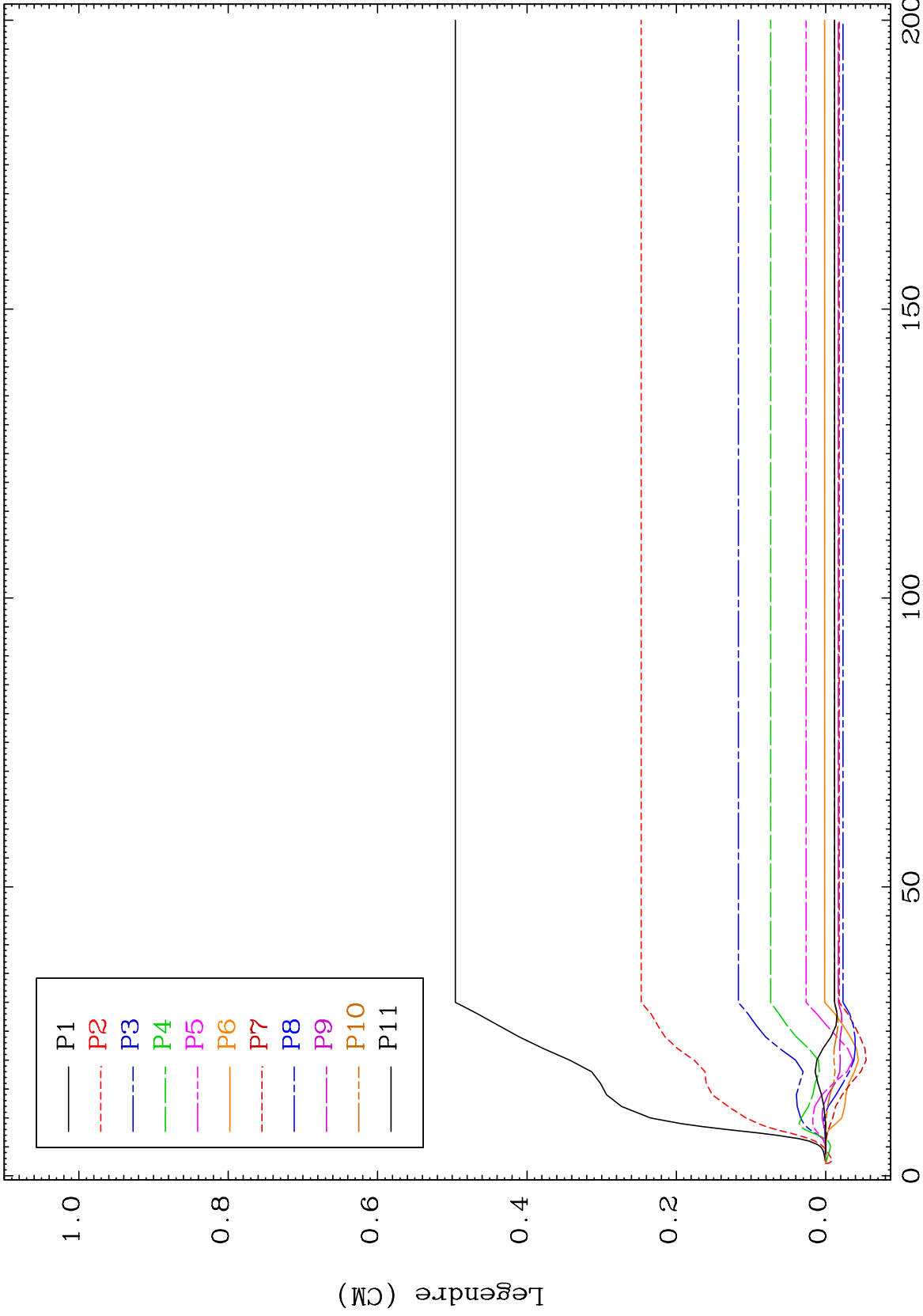


55 Incident Energy (MeV) 200 30-Zn-73

MAT 3052

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

30-Zn-73

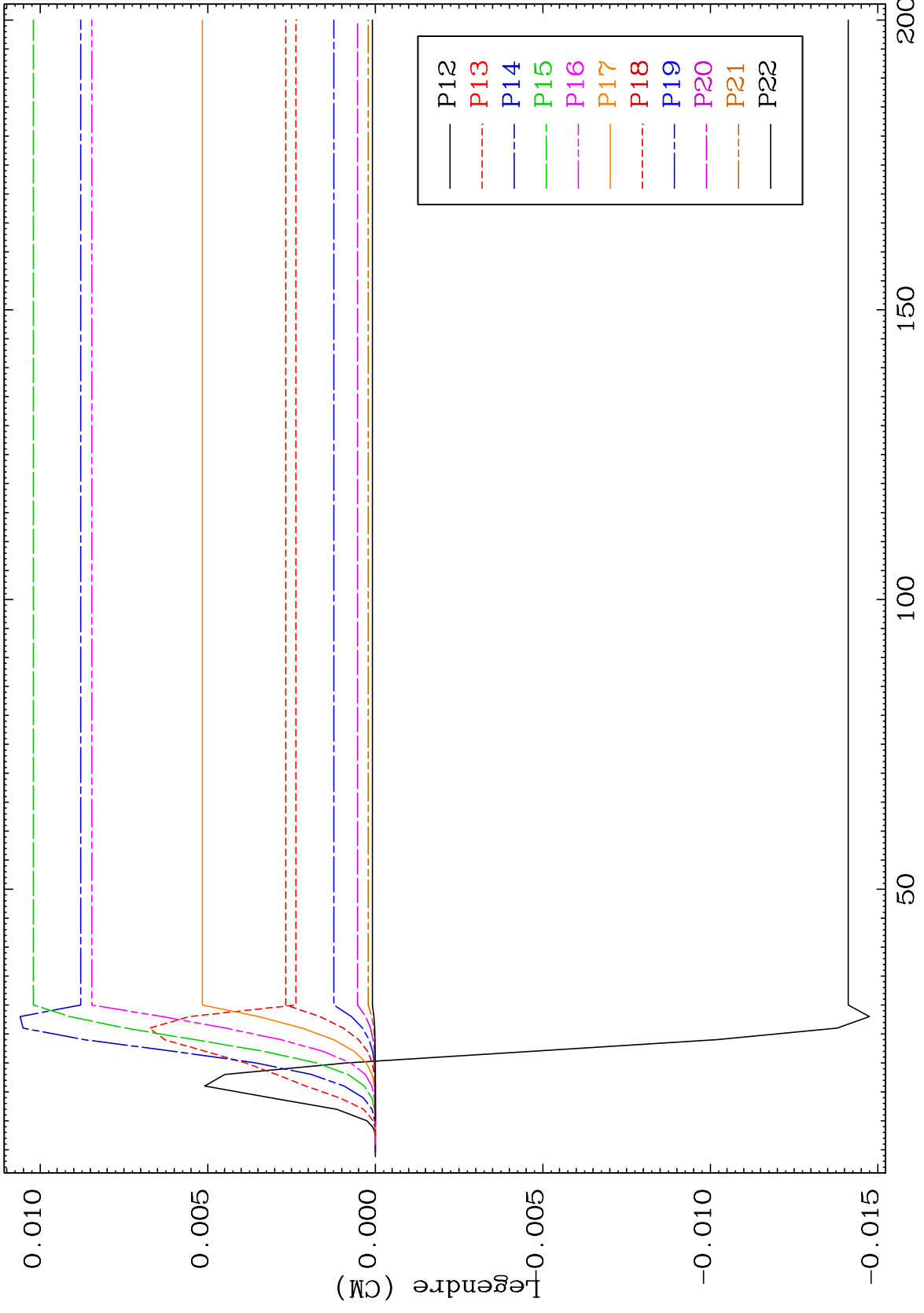


56

Incident Energy (MeV)

30-Zn-73

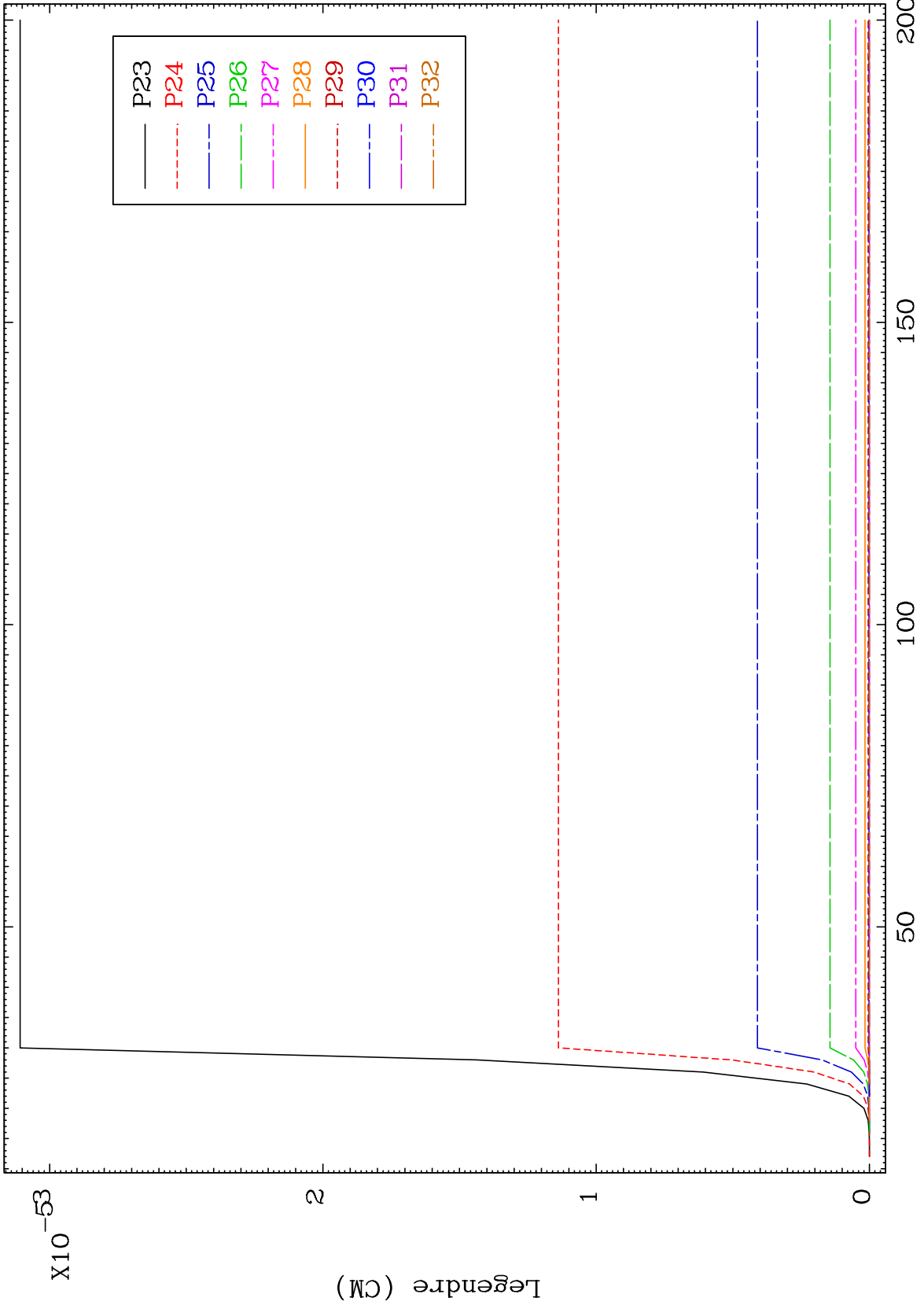
MAT 3052 MT= 61 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73



58

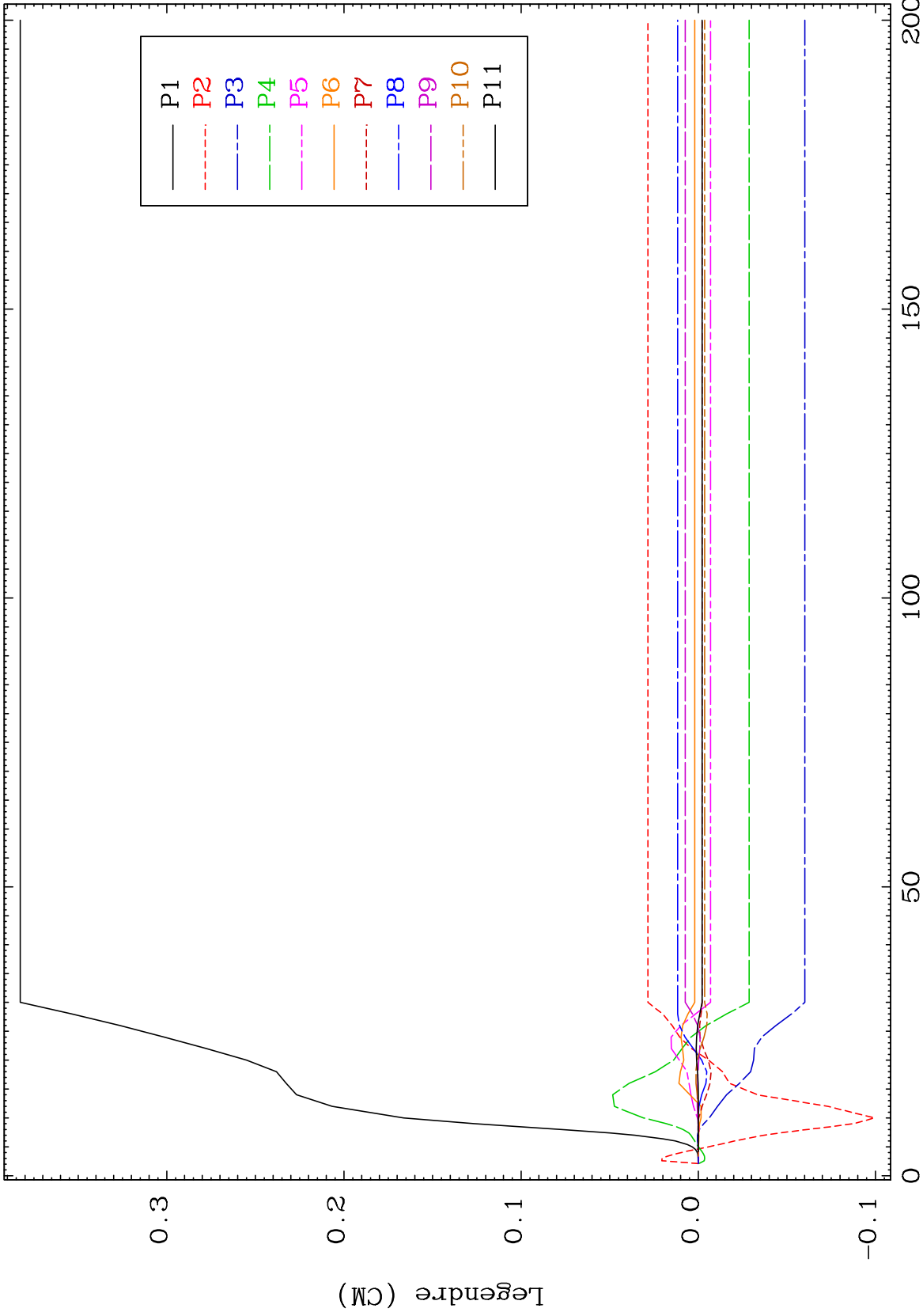
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73

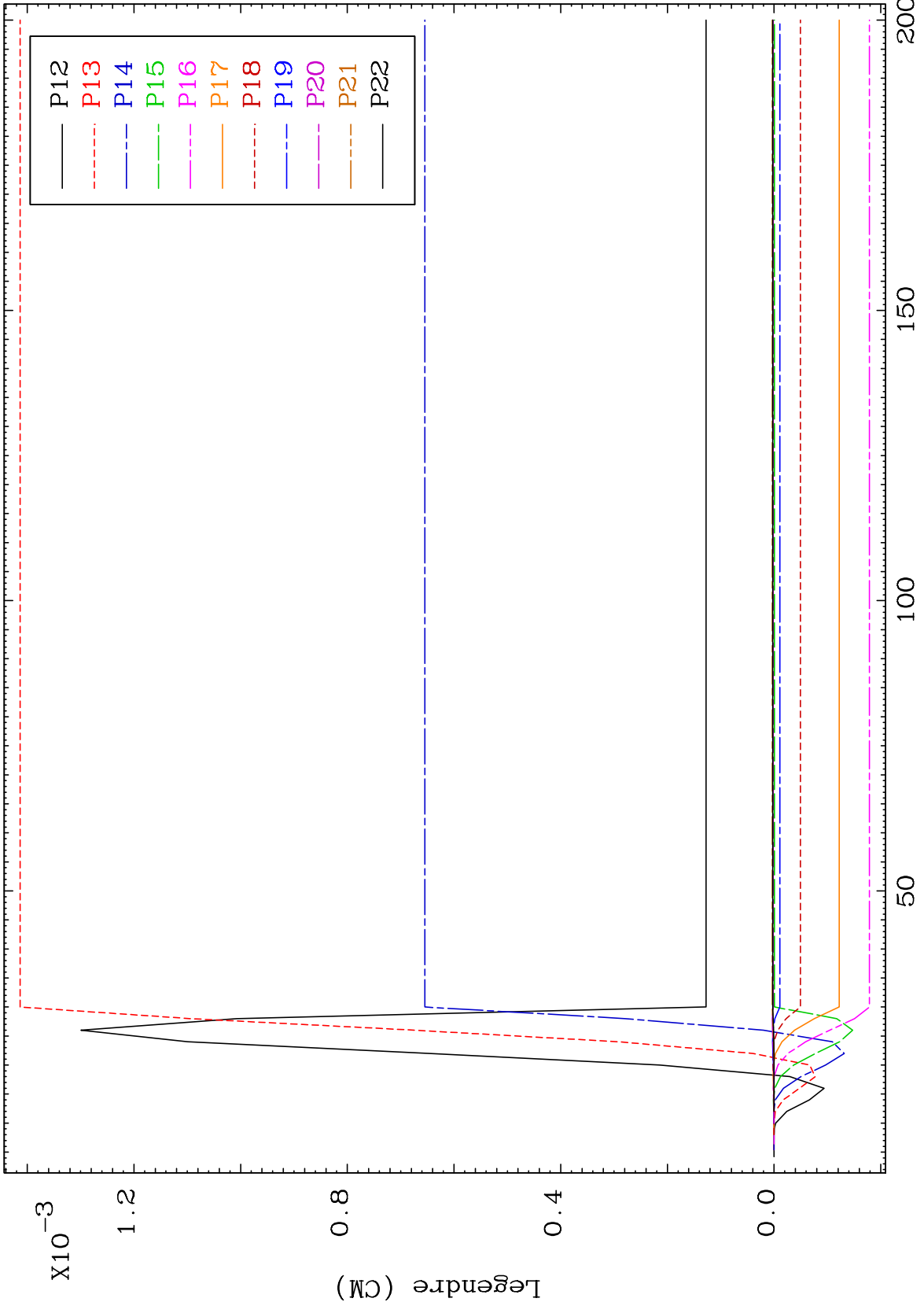


59

Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 62 (n,n') Level Legendre Coefficients 30-Zn-73



60

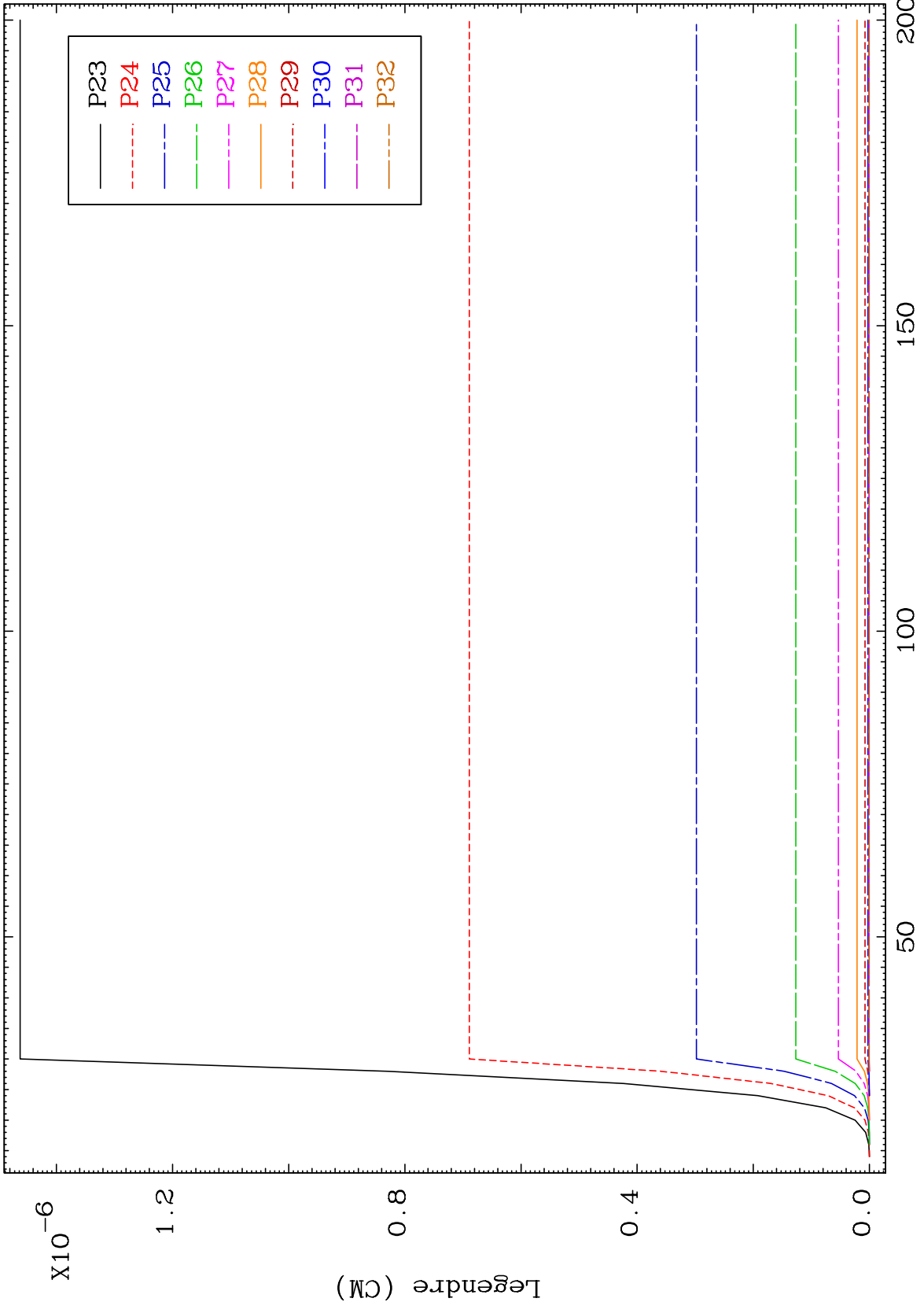
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



61

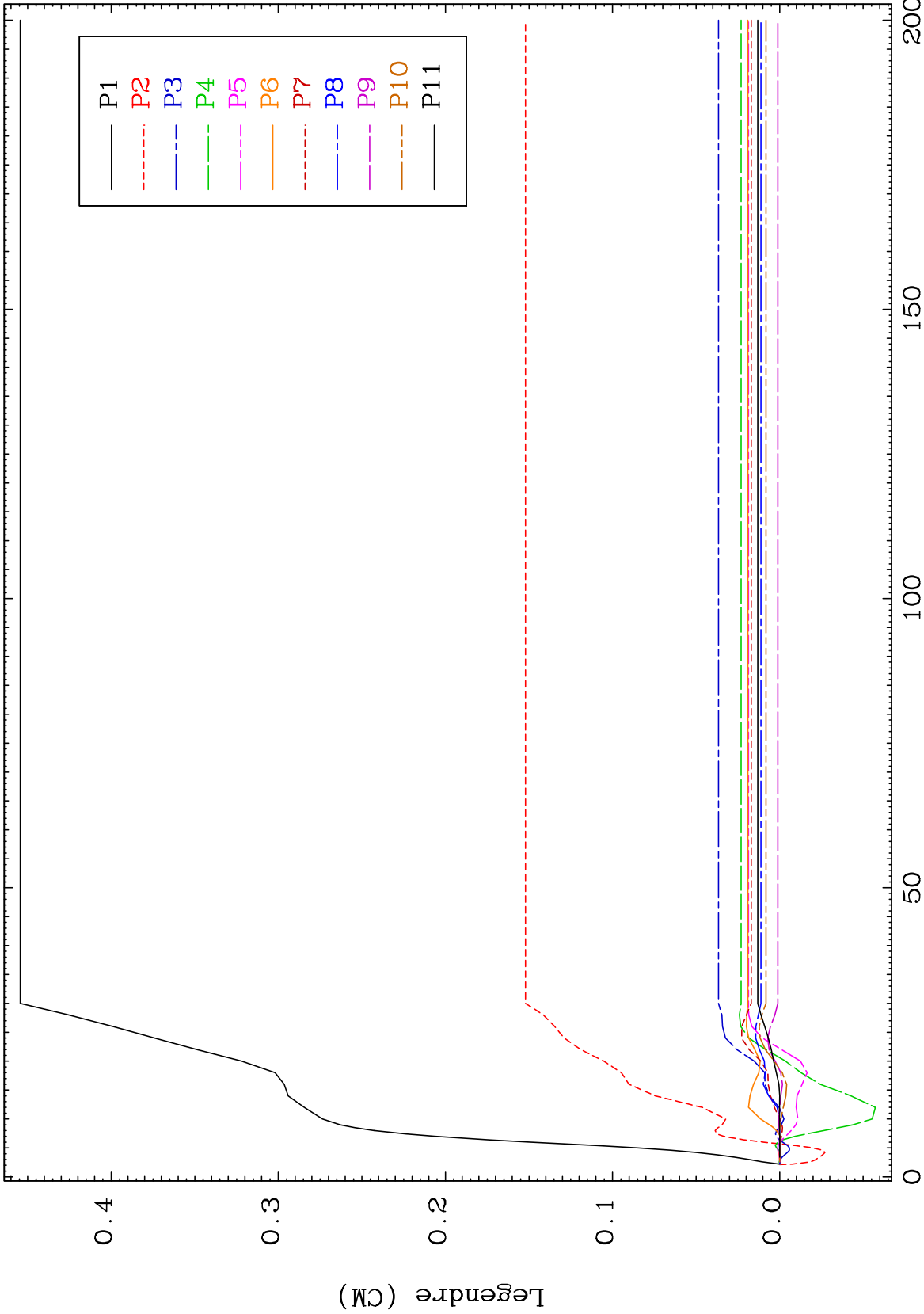
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



62

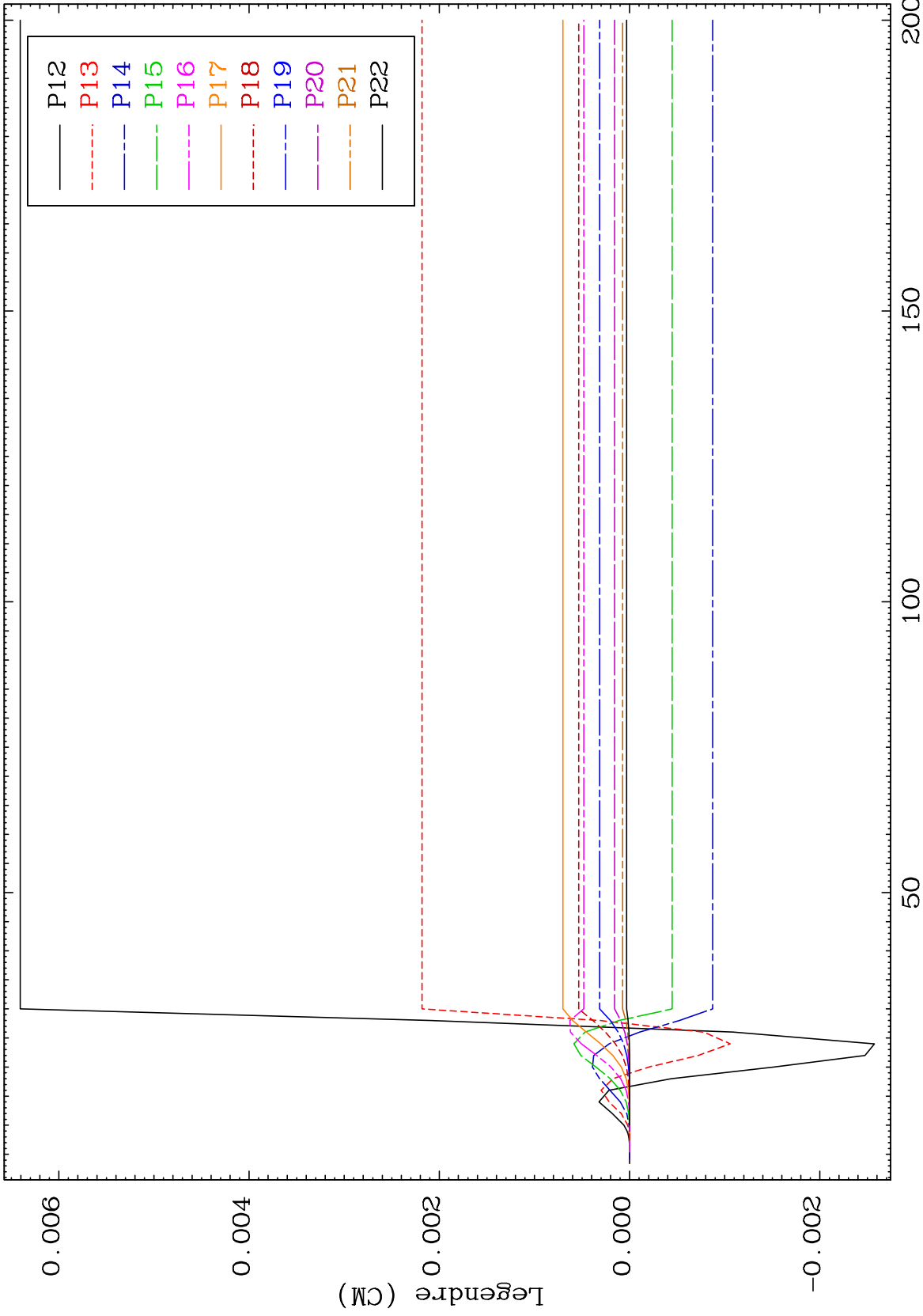
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



63

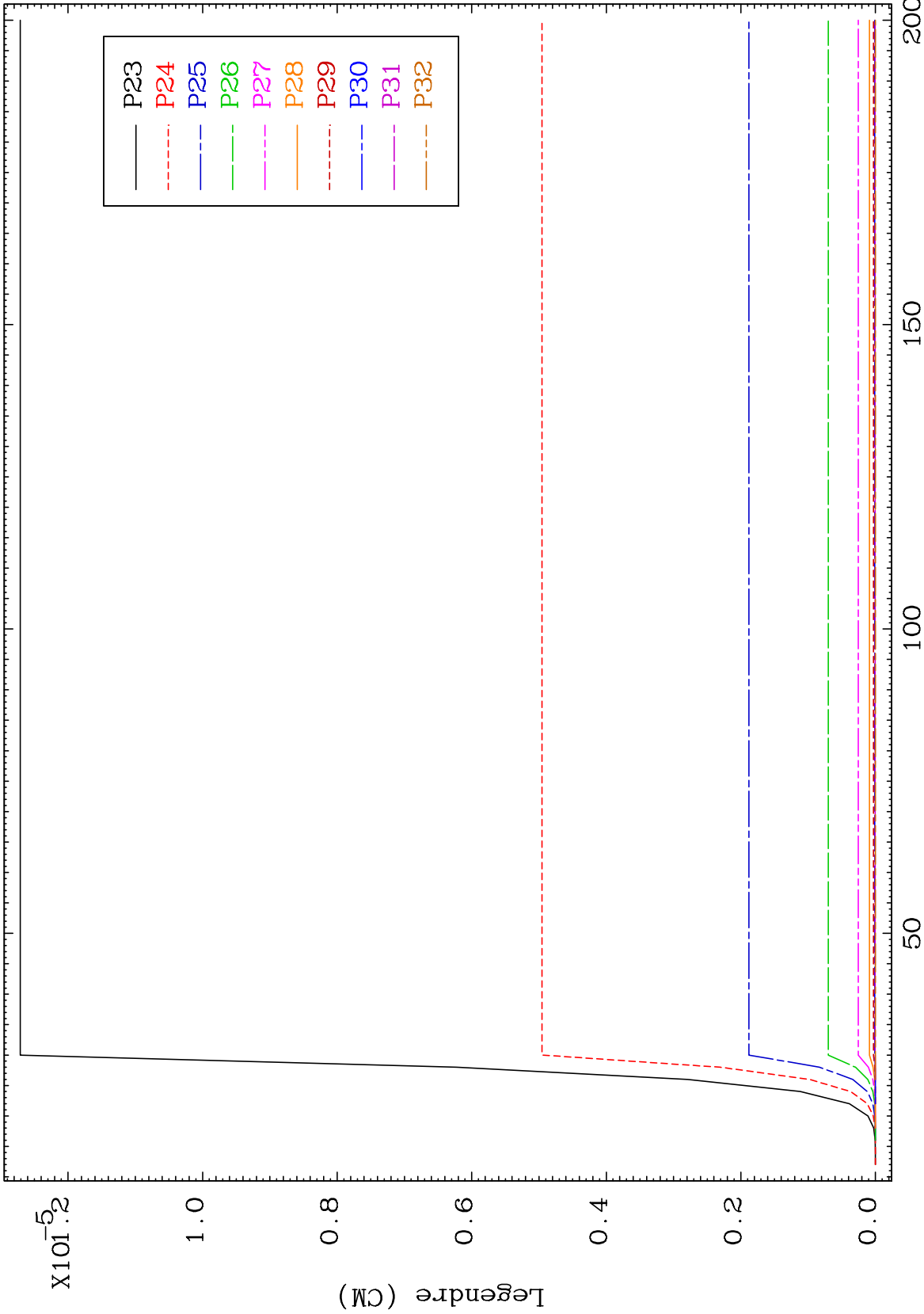
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



64

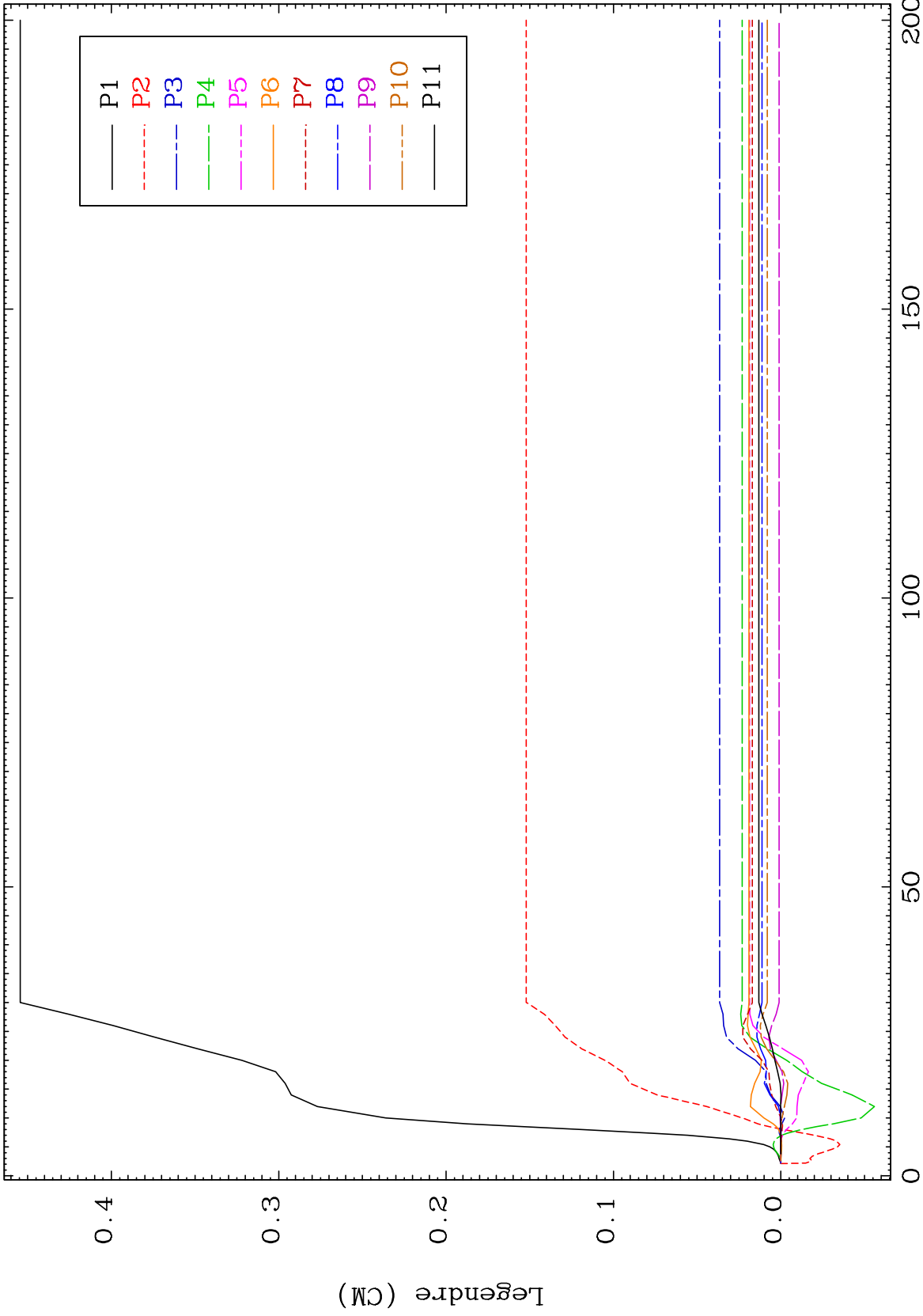
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



65

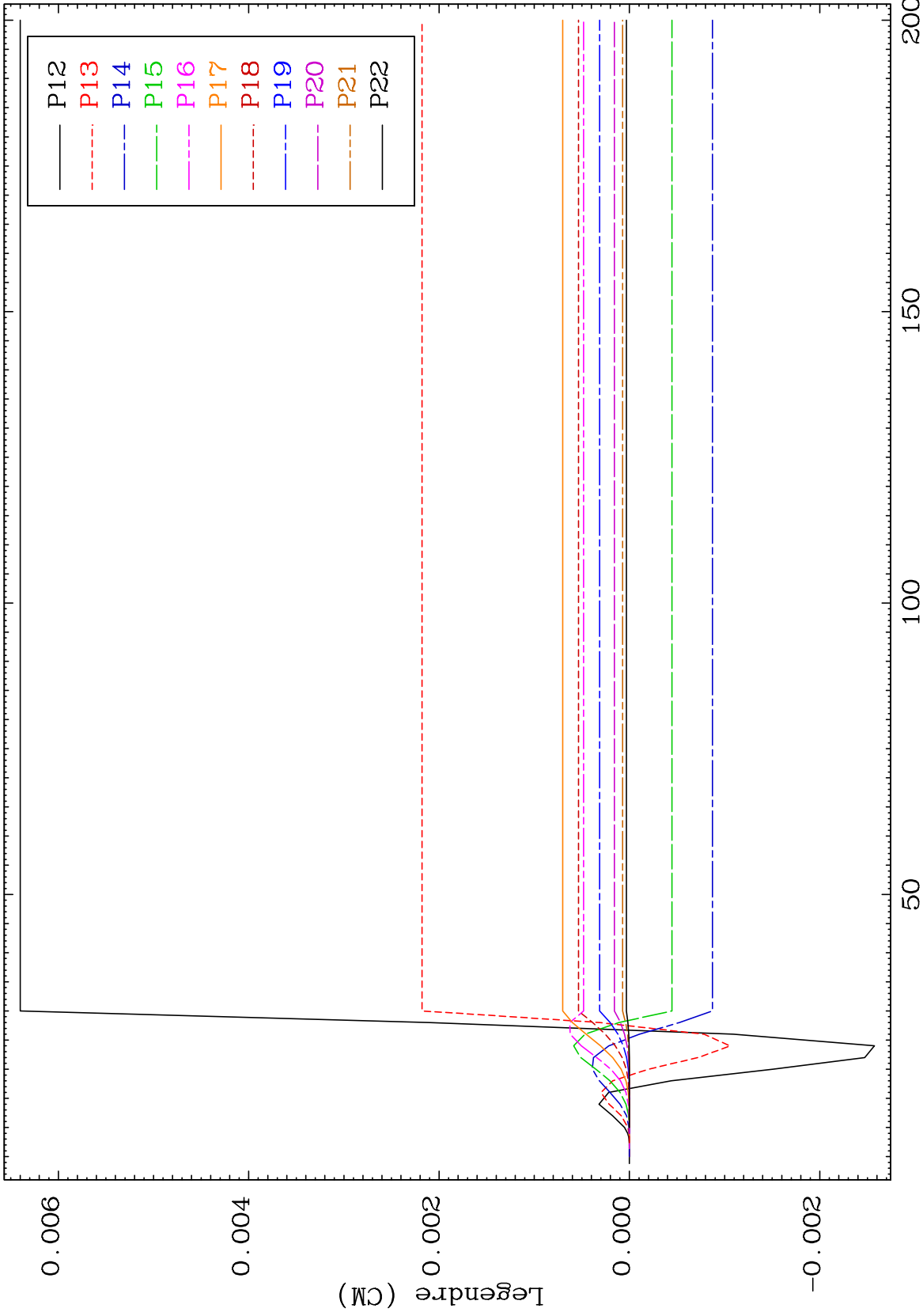
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



66

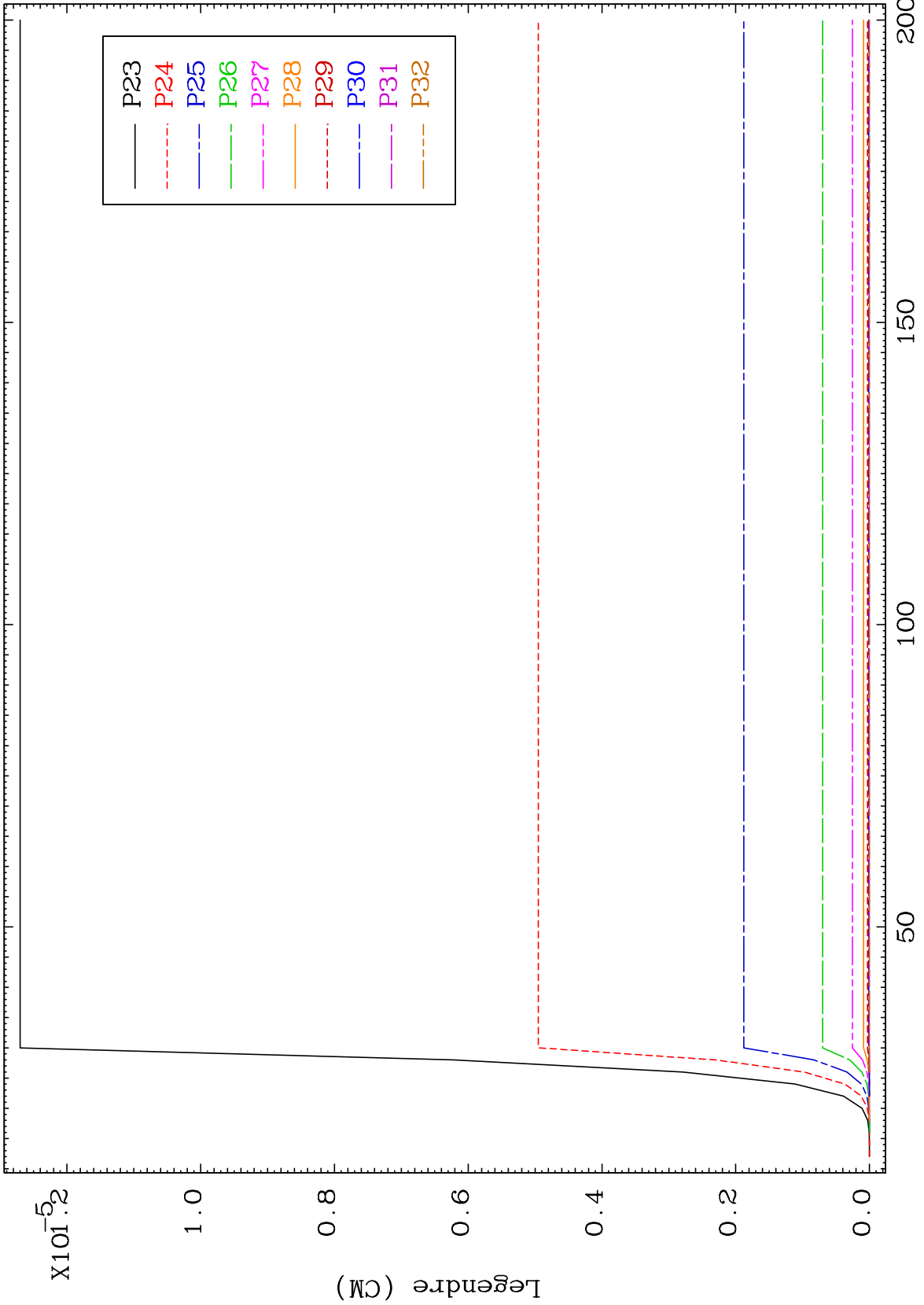
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73

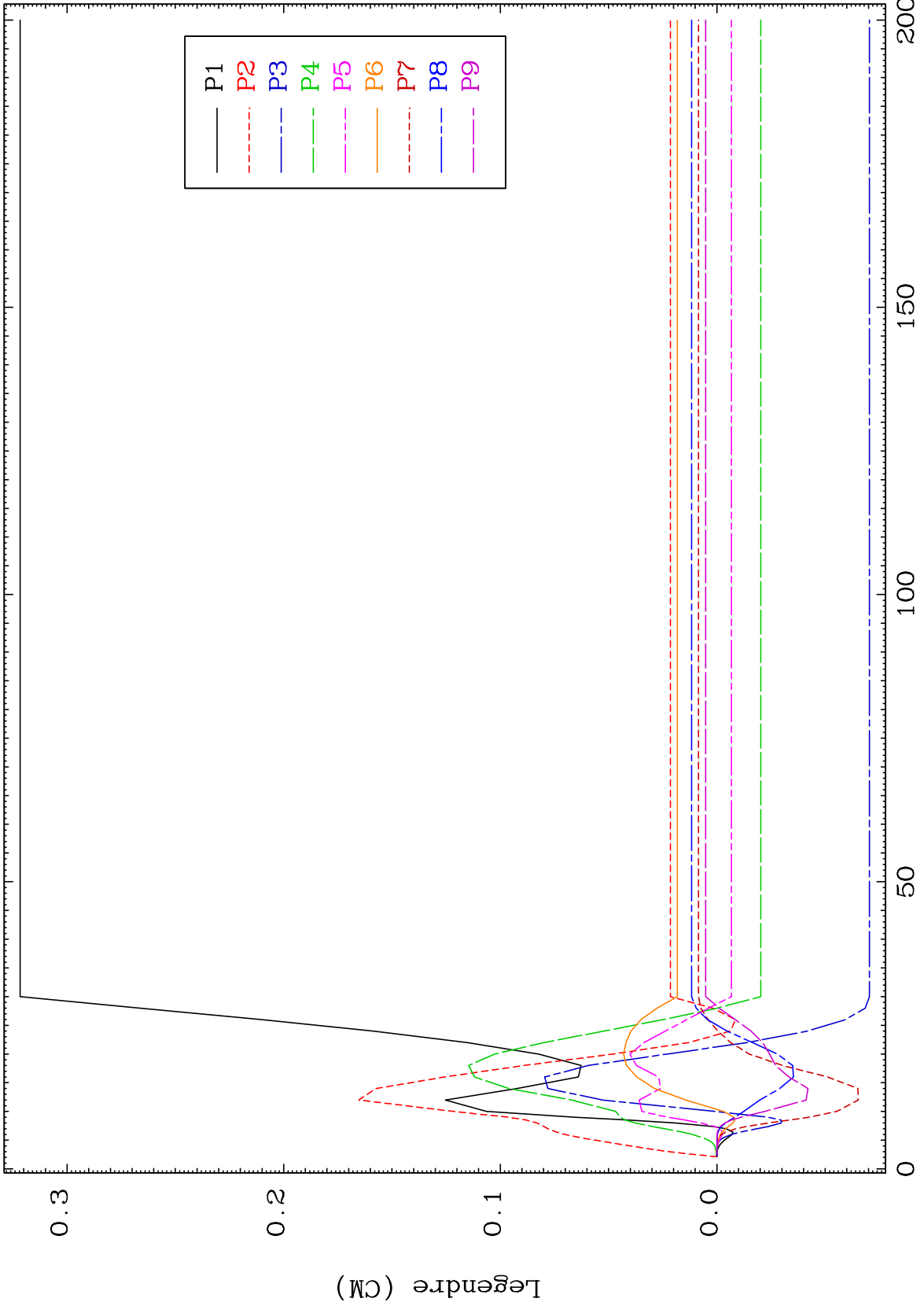


67

Incident Energy (MeV)

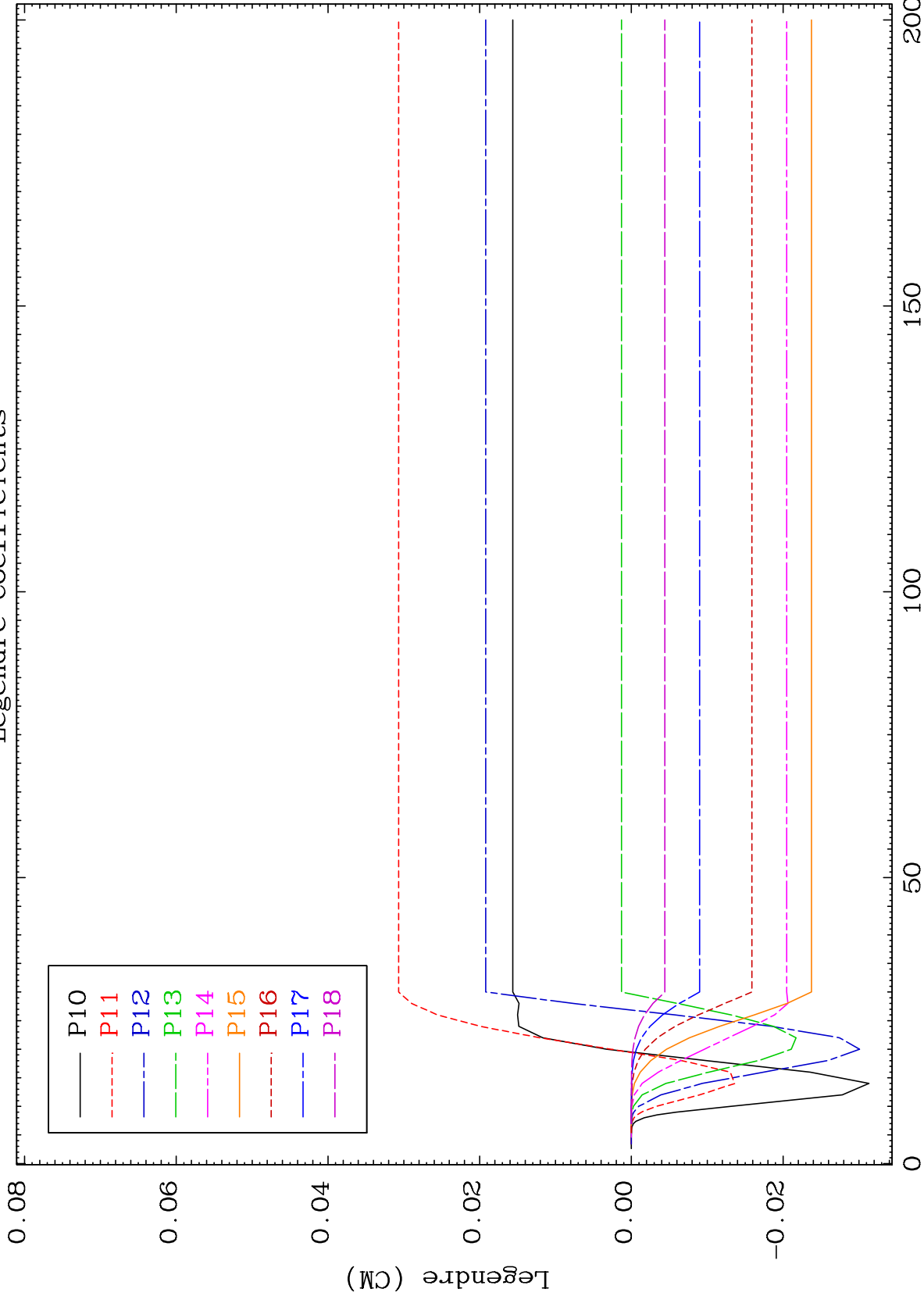
30-Zn-73

MAT 3052 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-73

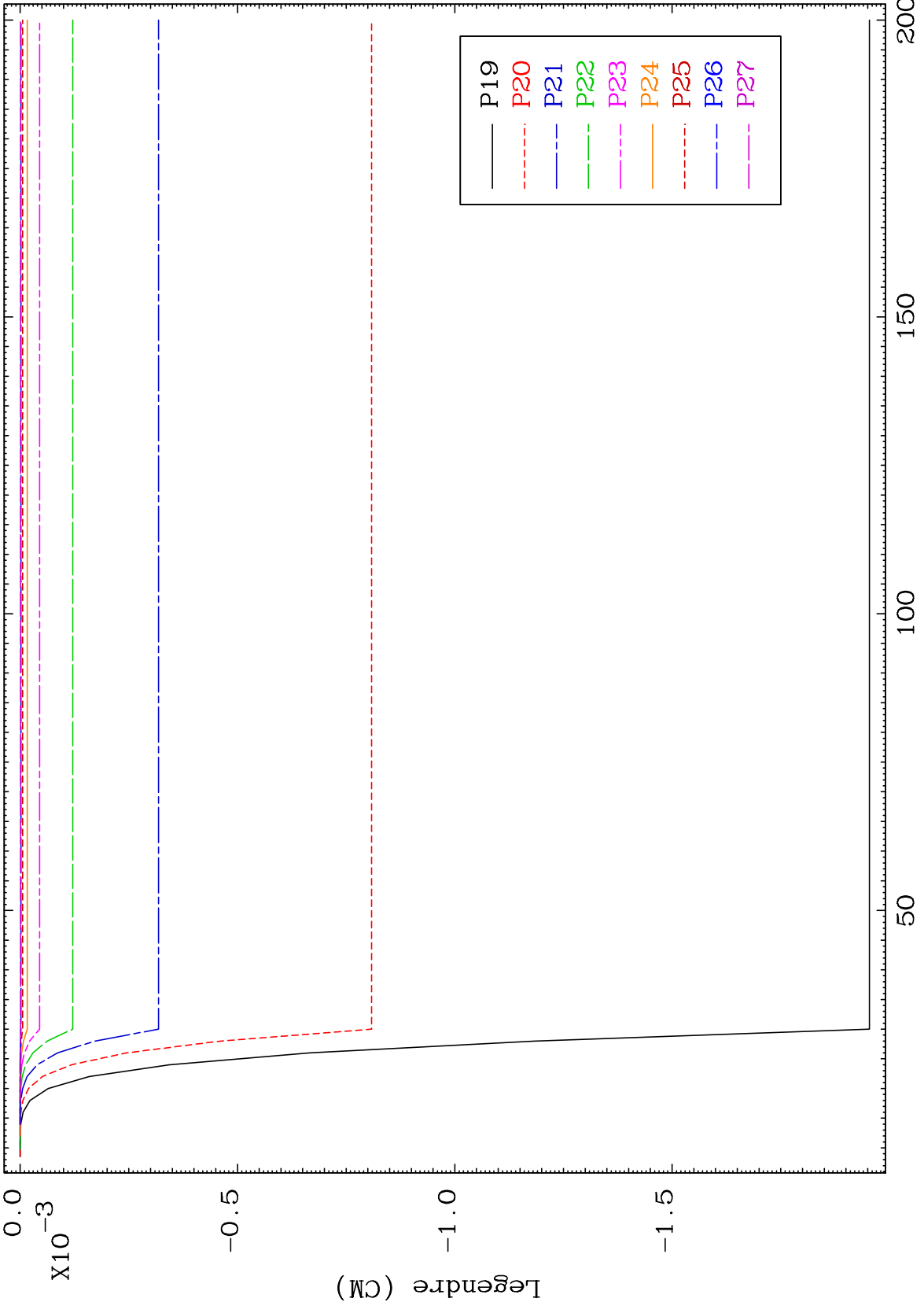


68 30-Zn-73

MAT 3052 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-73

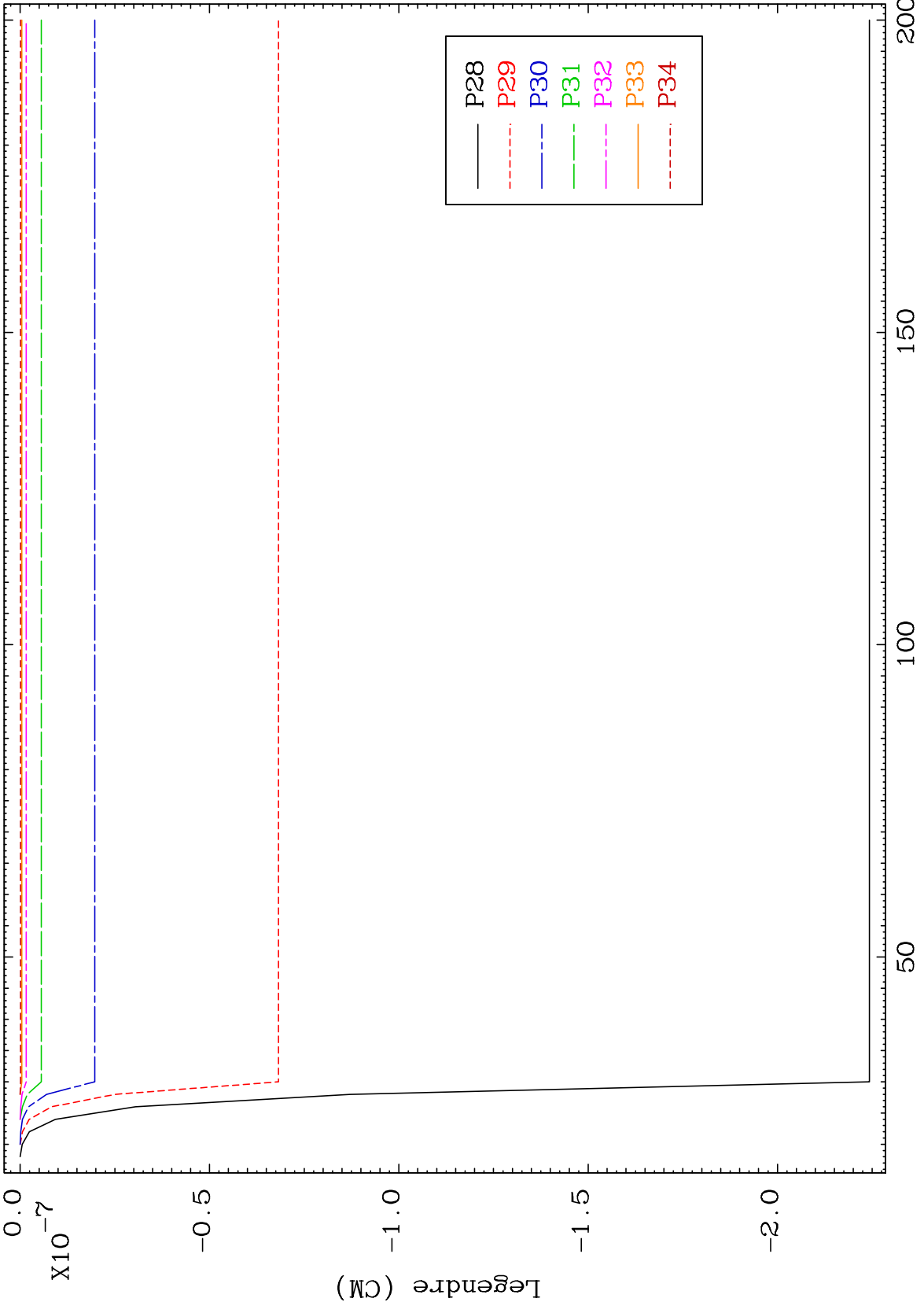


MAT 3052 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-73

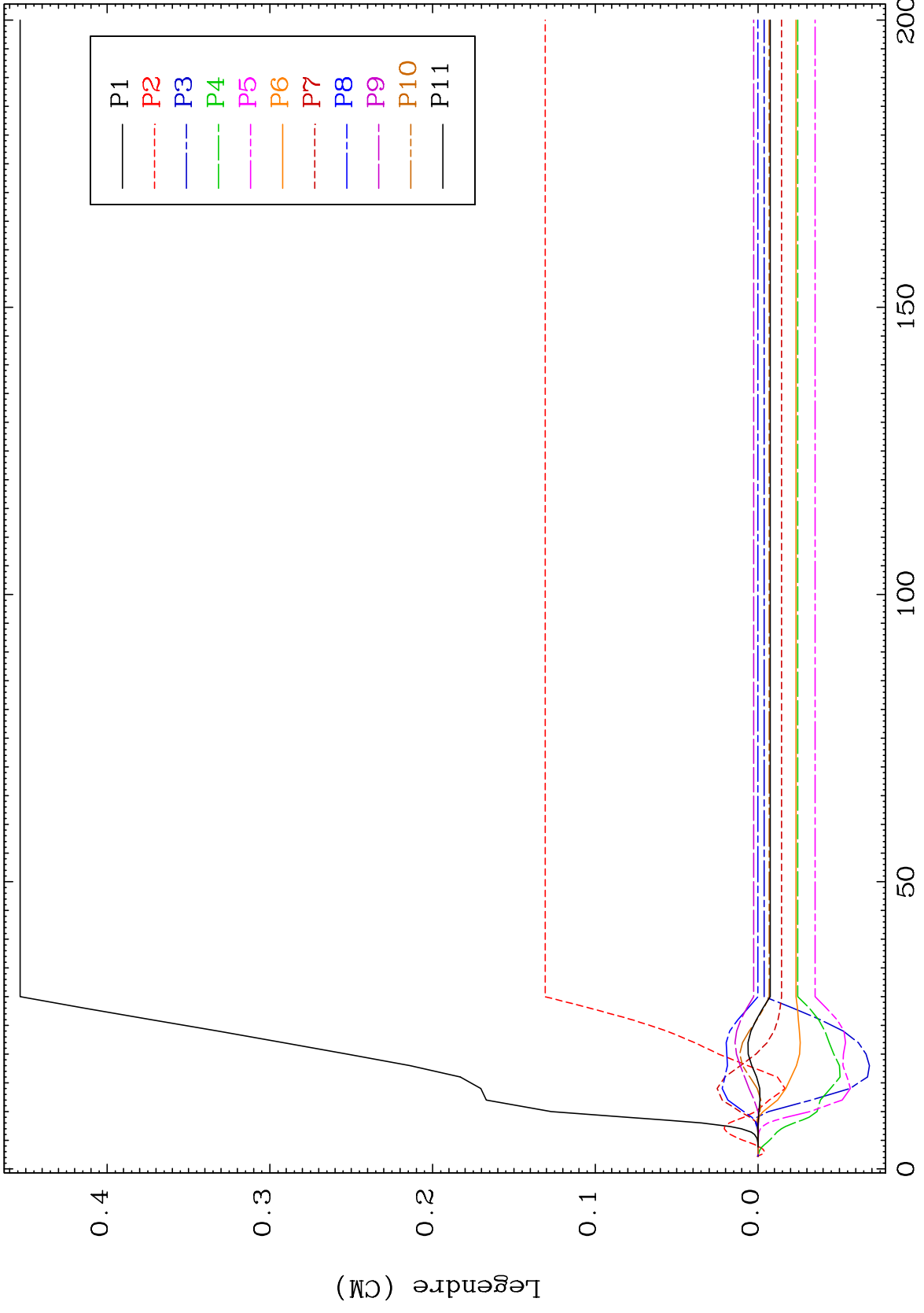


70 Incident Energy (MeV) 30-Zn-73

MAT 3052 MT= 65 (n,n') Level Legendre Coefficients 30-Zn-73

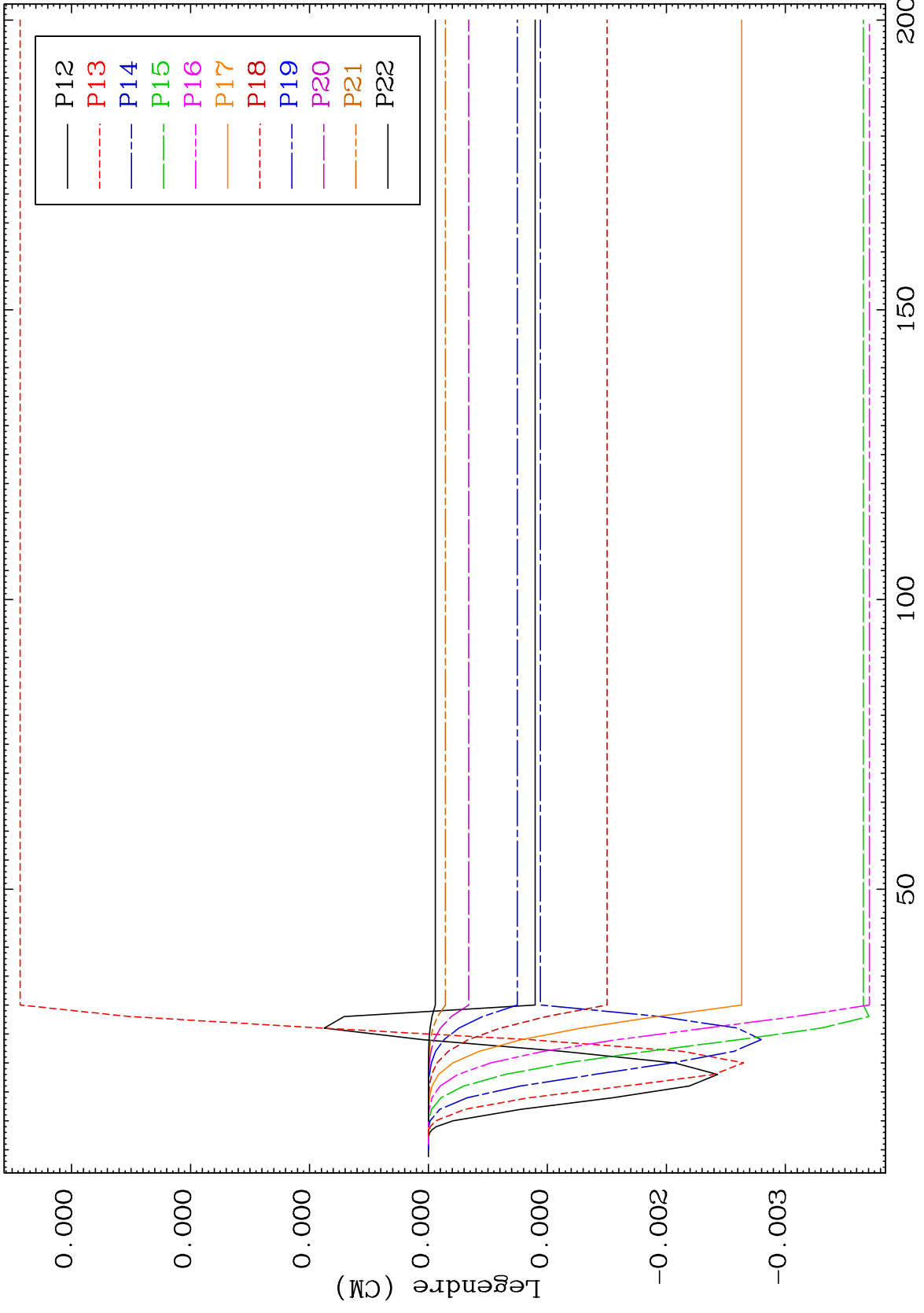


MAT 3052 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-73



72 30-Zn-73

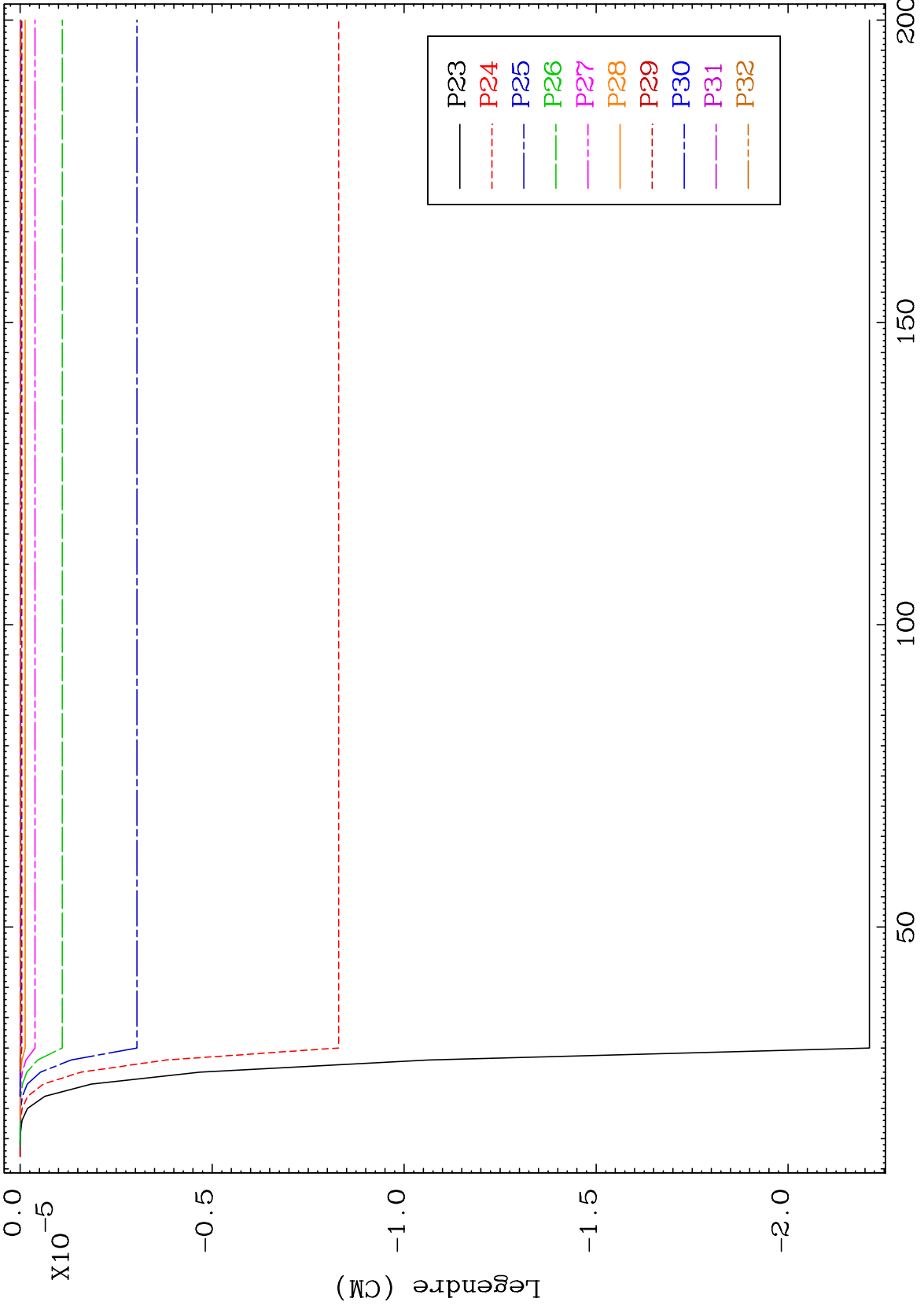
MAT 3052 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-73



73

Incident Energy (MeV) 30-Zn-73

MAT 3052 MT= 66 (n,n') Level Legendre Coefficients 30-Zn-73

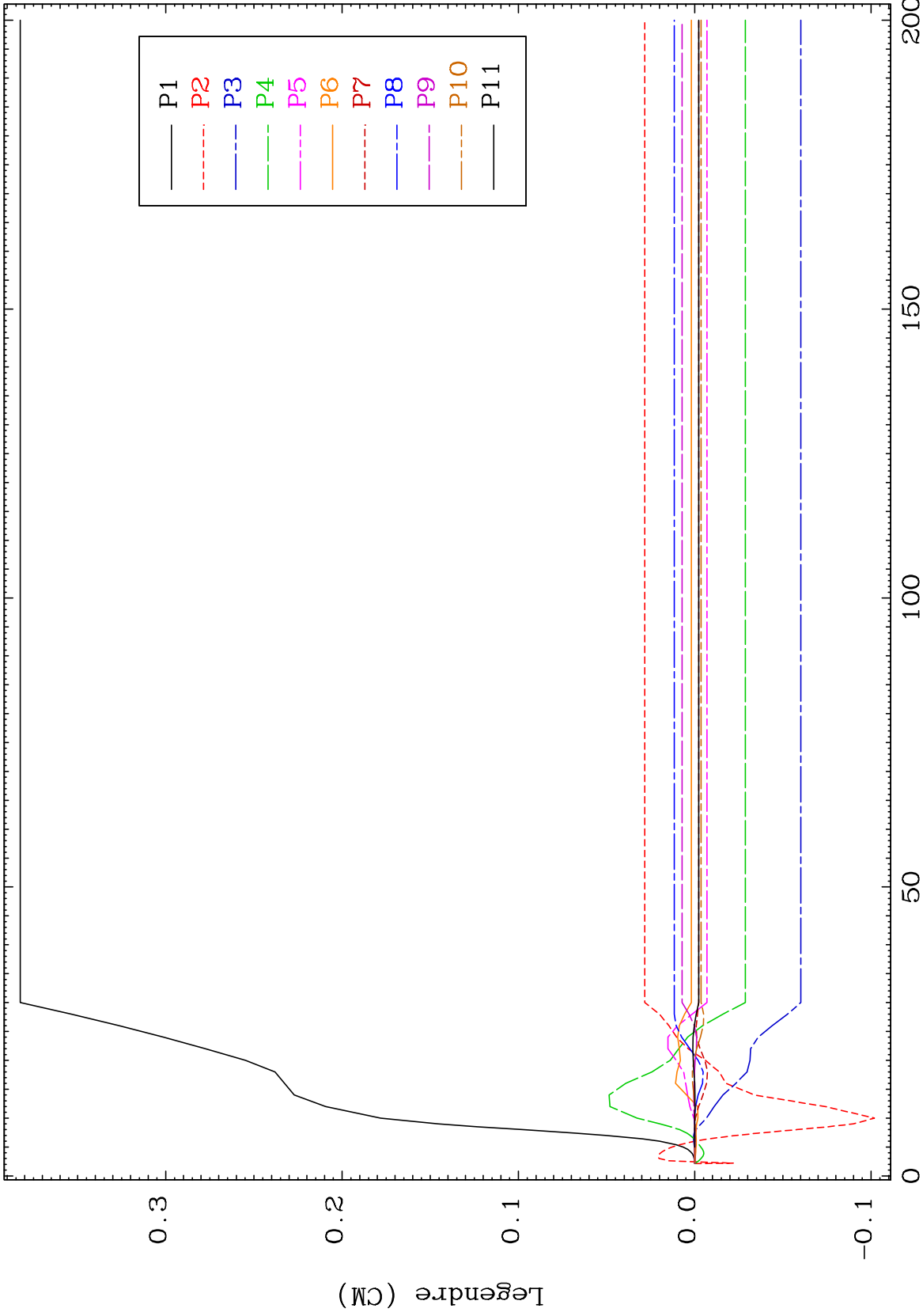


74 30-Zn-73

MAT 3052

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

30-Zn-73

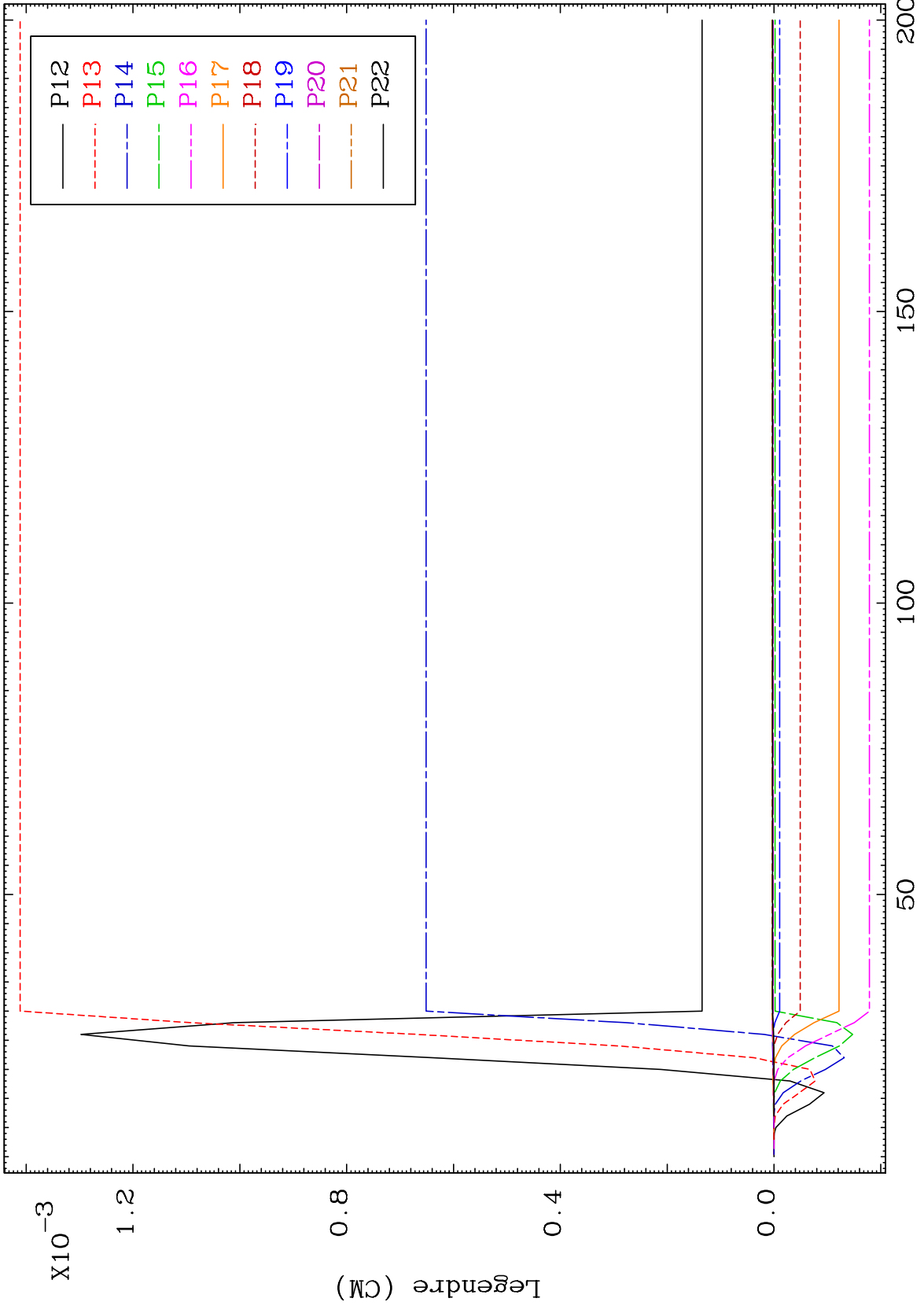


75

Incident Energy (MeV)

30-Zn-73

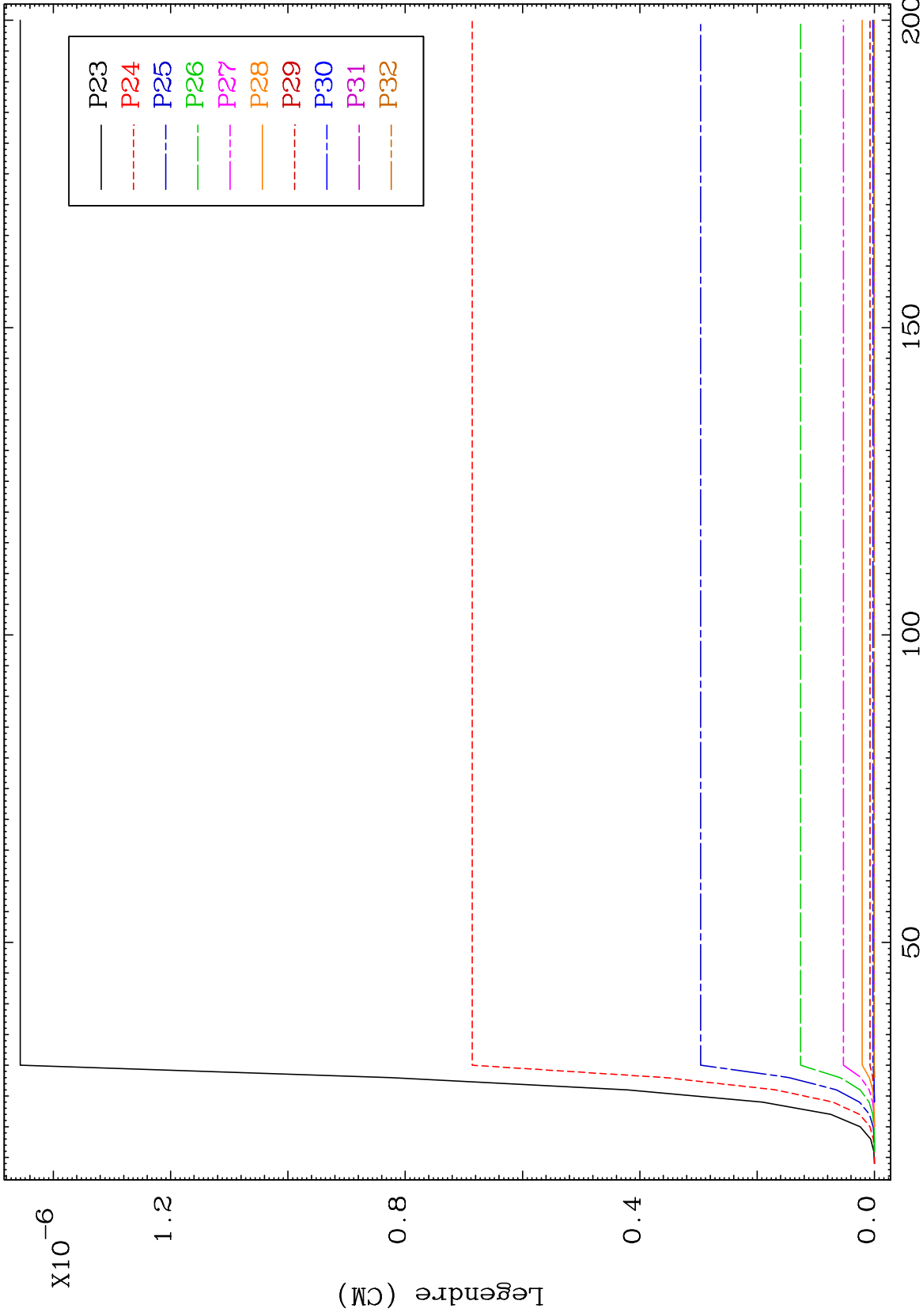
MAT 3052 MT= 67 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73



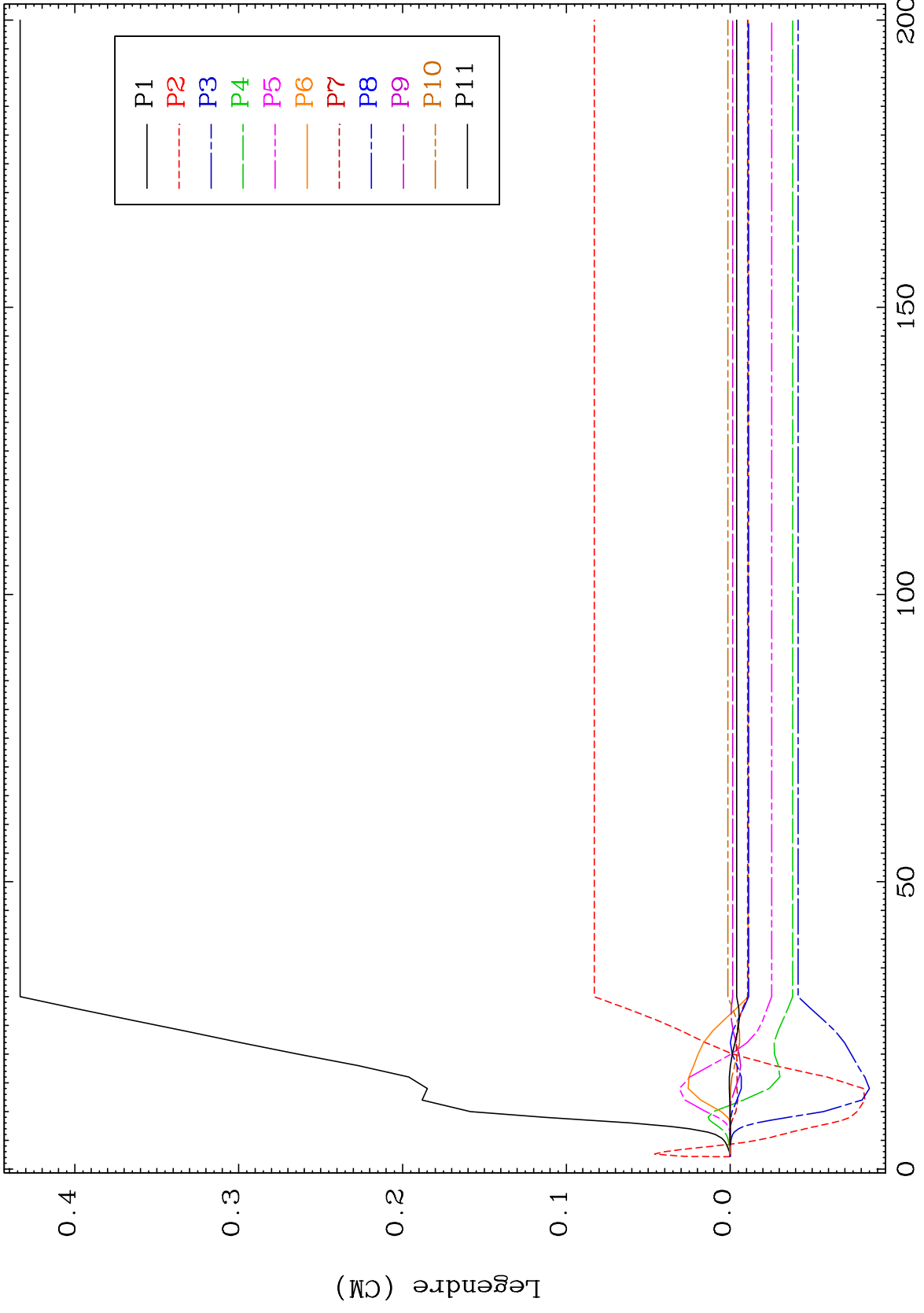
77

30-Zn-73

MAT 3052

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

30-Zn-73

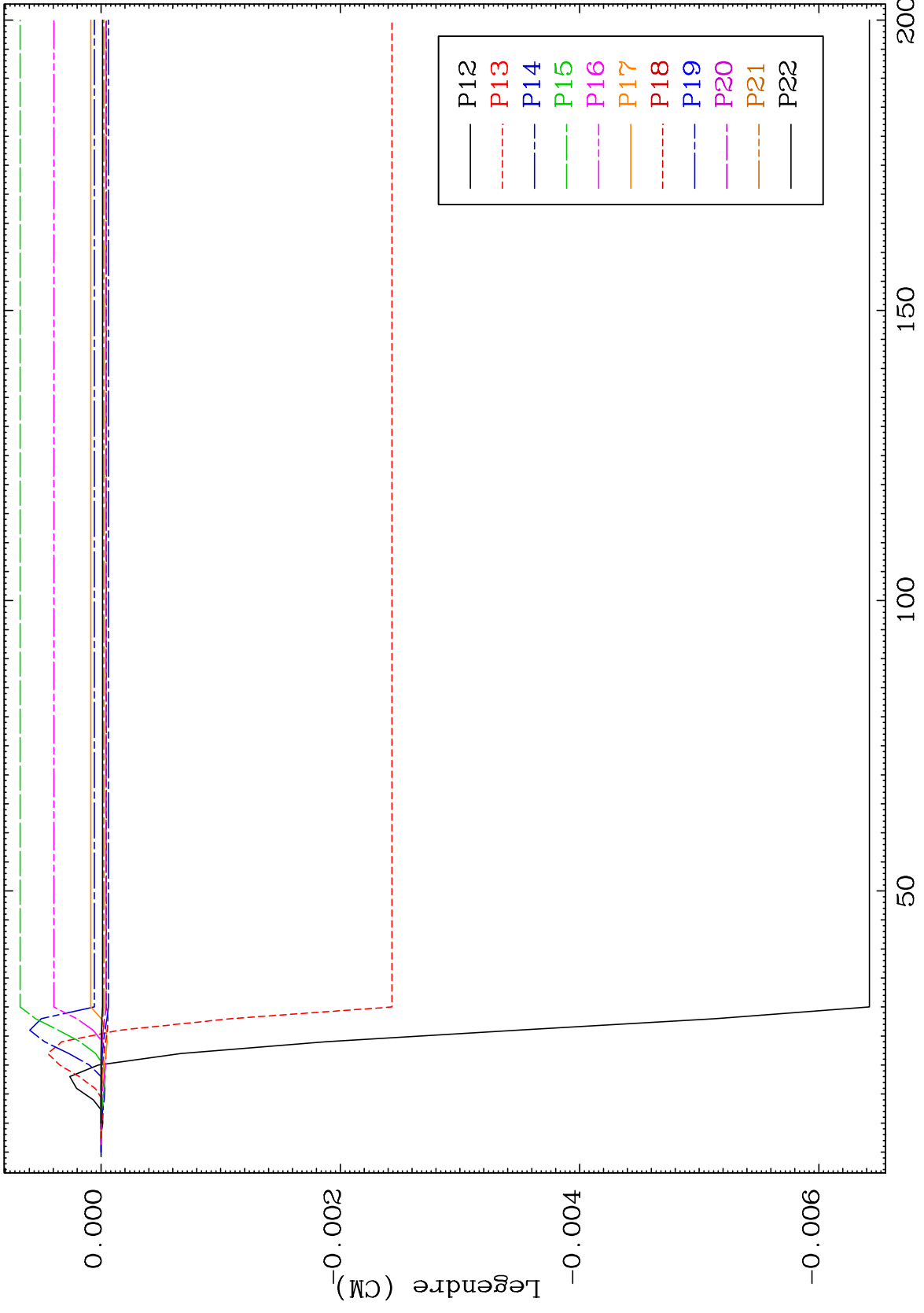


78

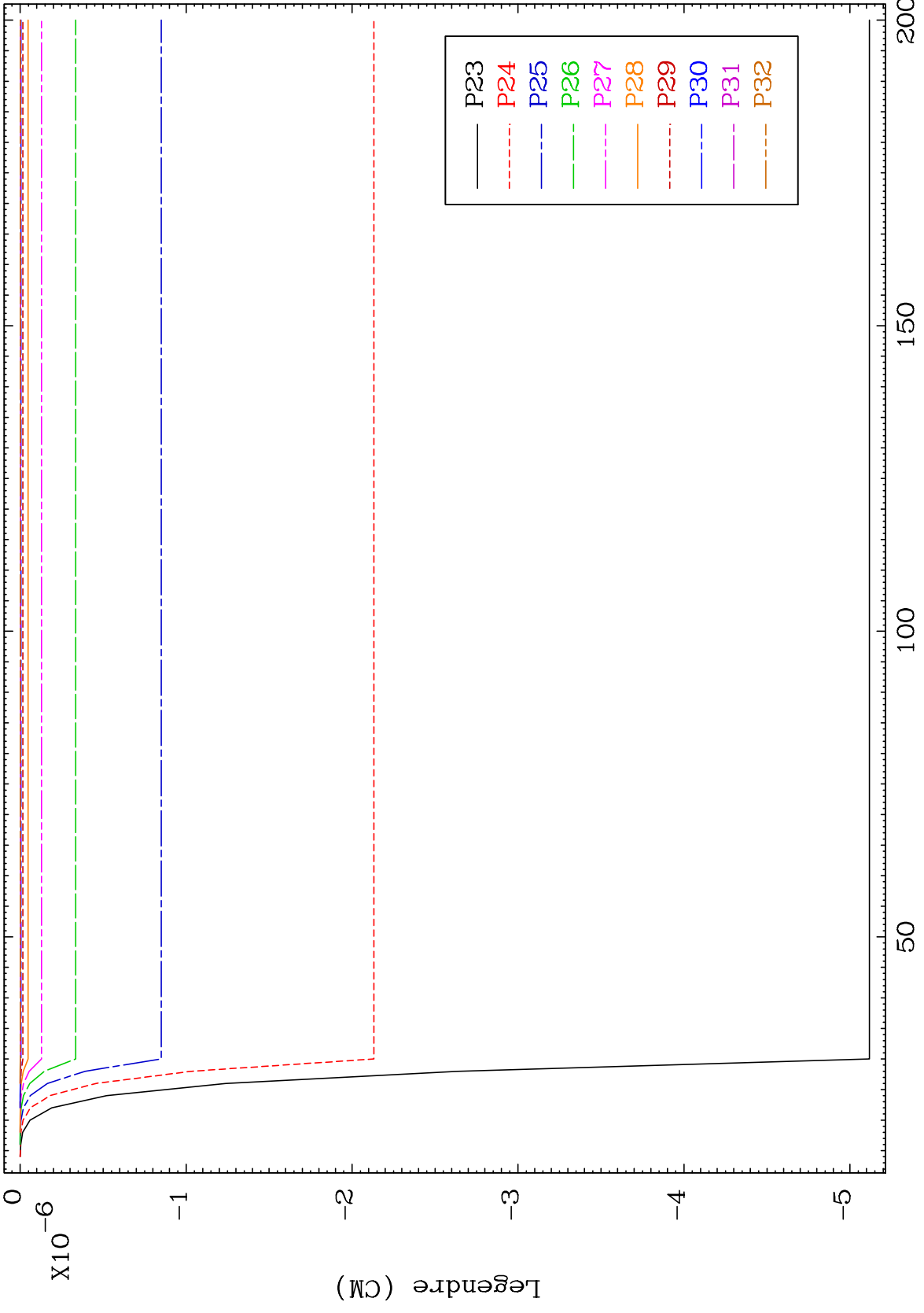
Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-73

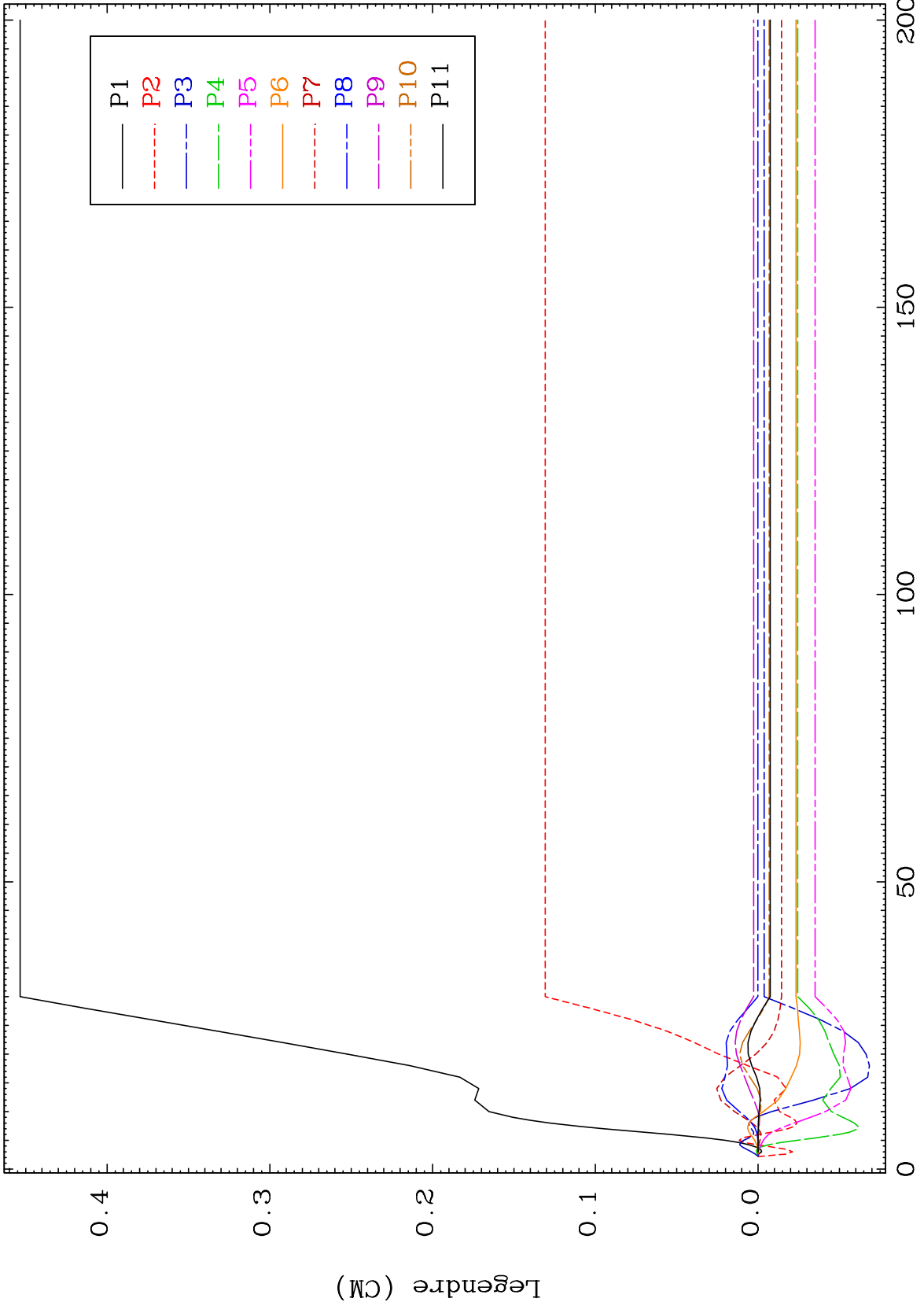


MAT 3052 MT= 68 (n,n') Level Legendre Coefficients 30-Zn-73



80 Incident Energy (MeV) 30-Zn-73

MAT 3052 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-73

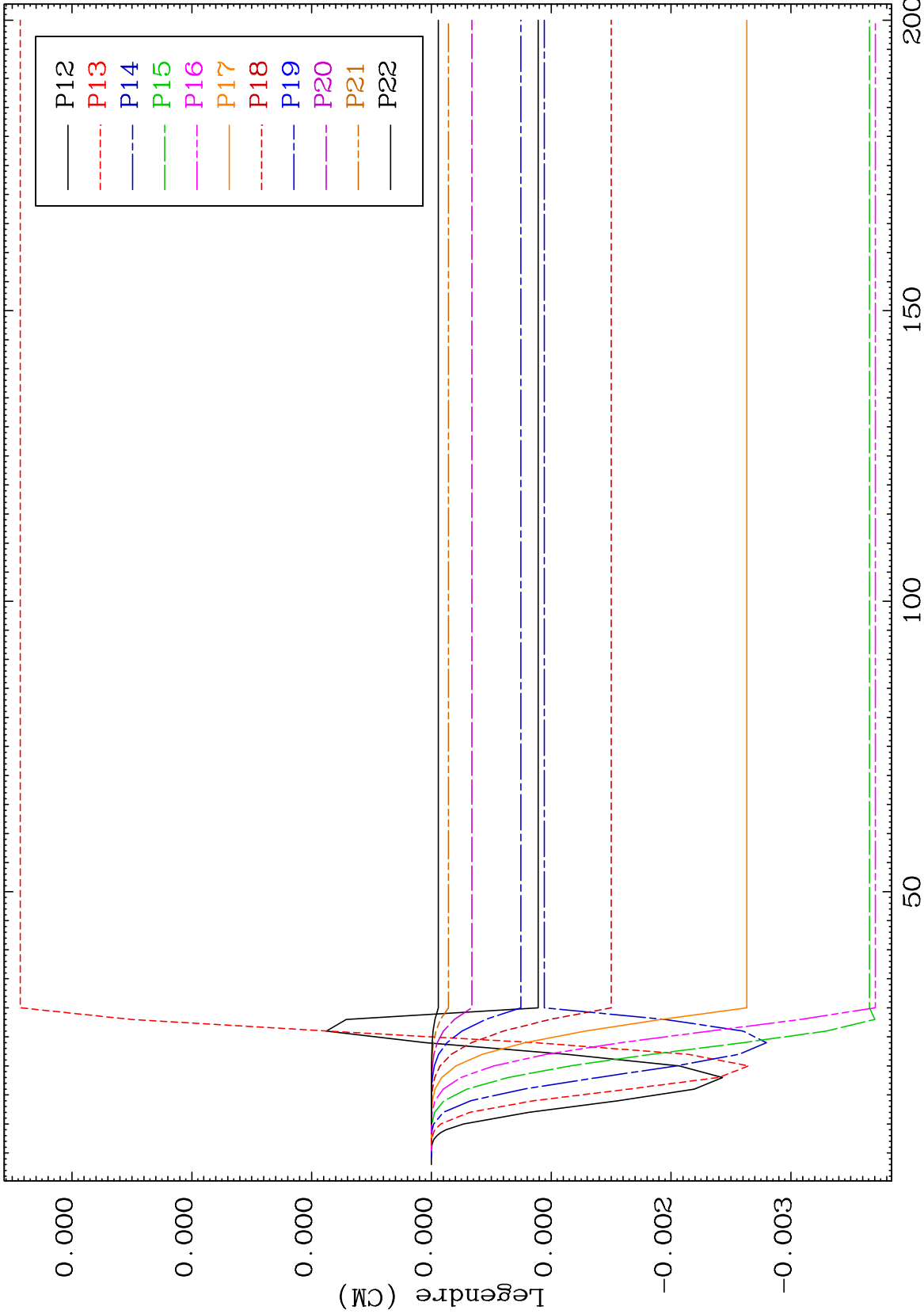


81 30-Zn-73

MAT 3052

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

30-Zn-73

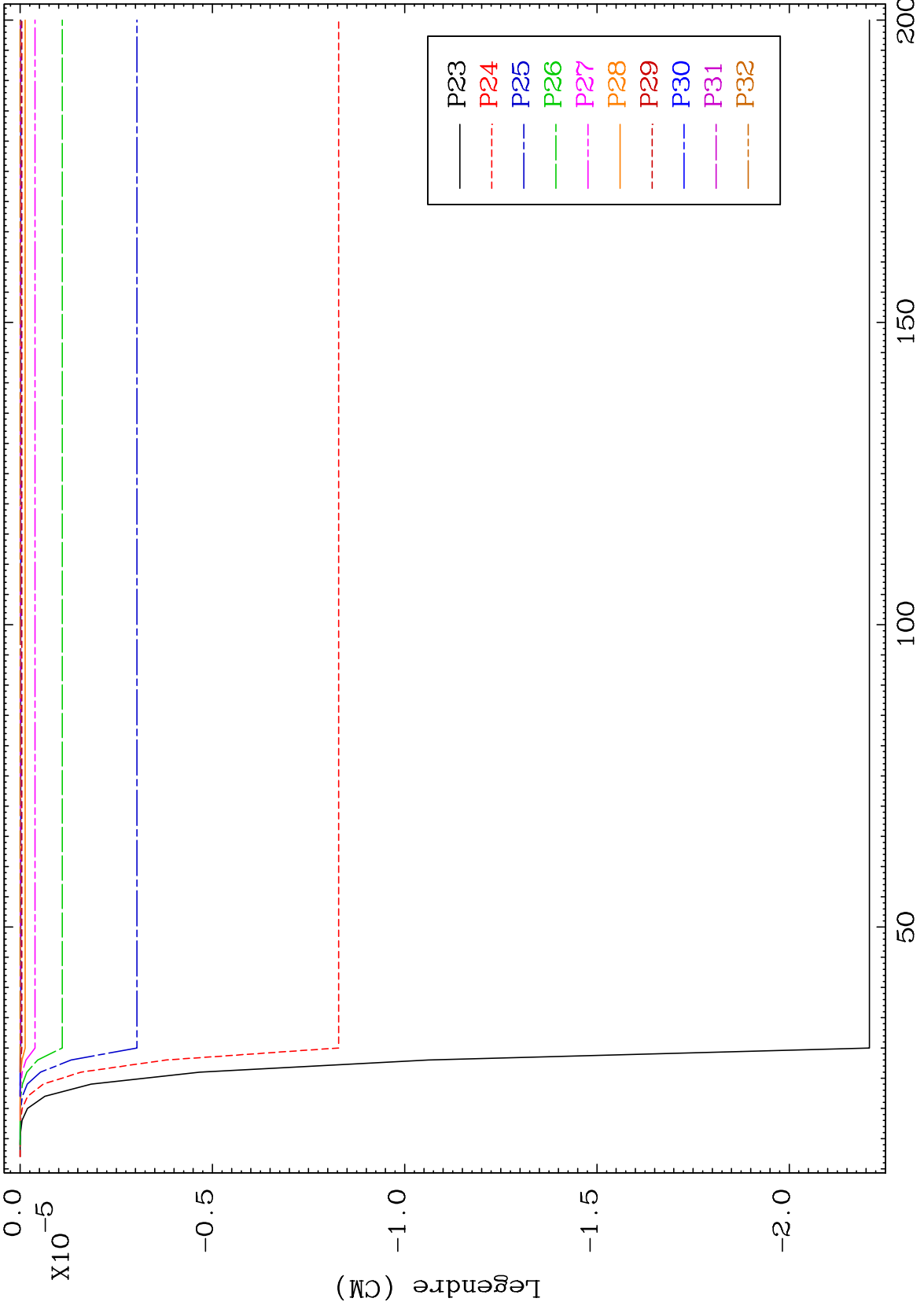


82

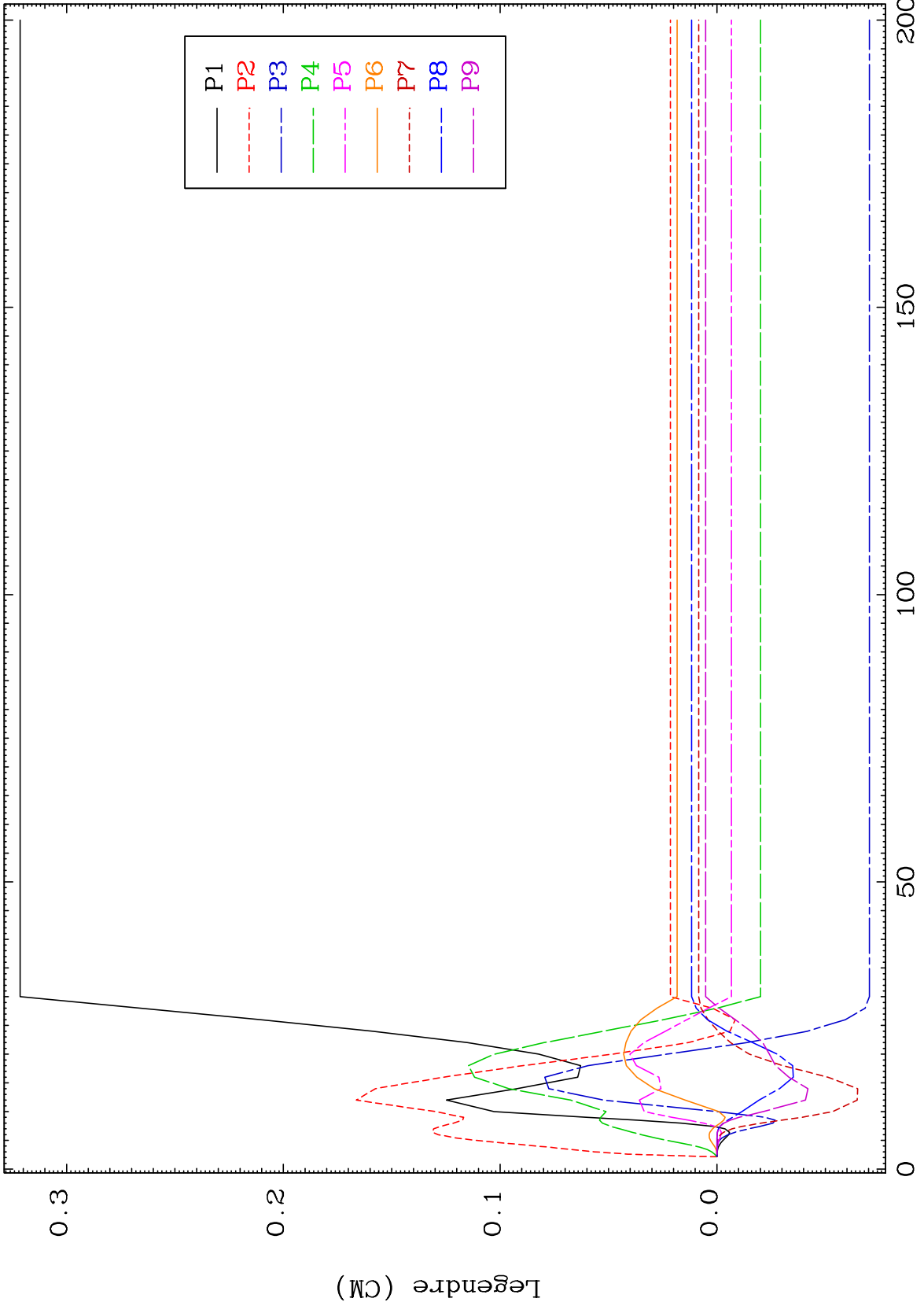
Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 69 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052 MT= 70 (n,n') Level Legendre Coefficients 30-Zn-73

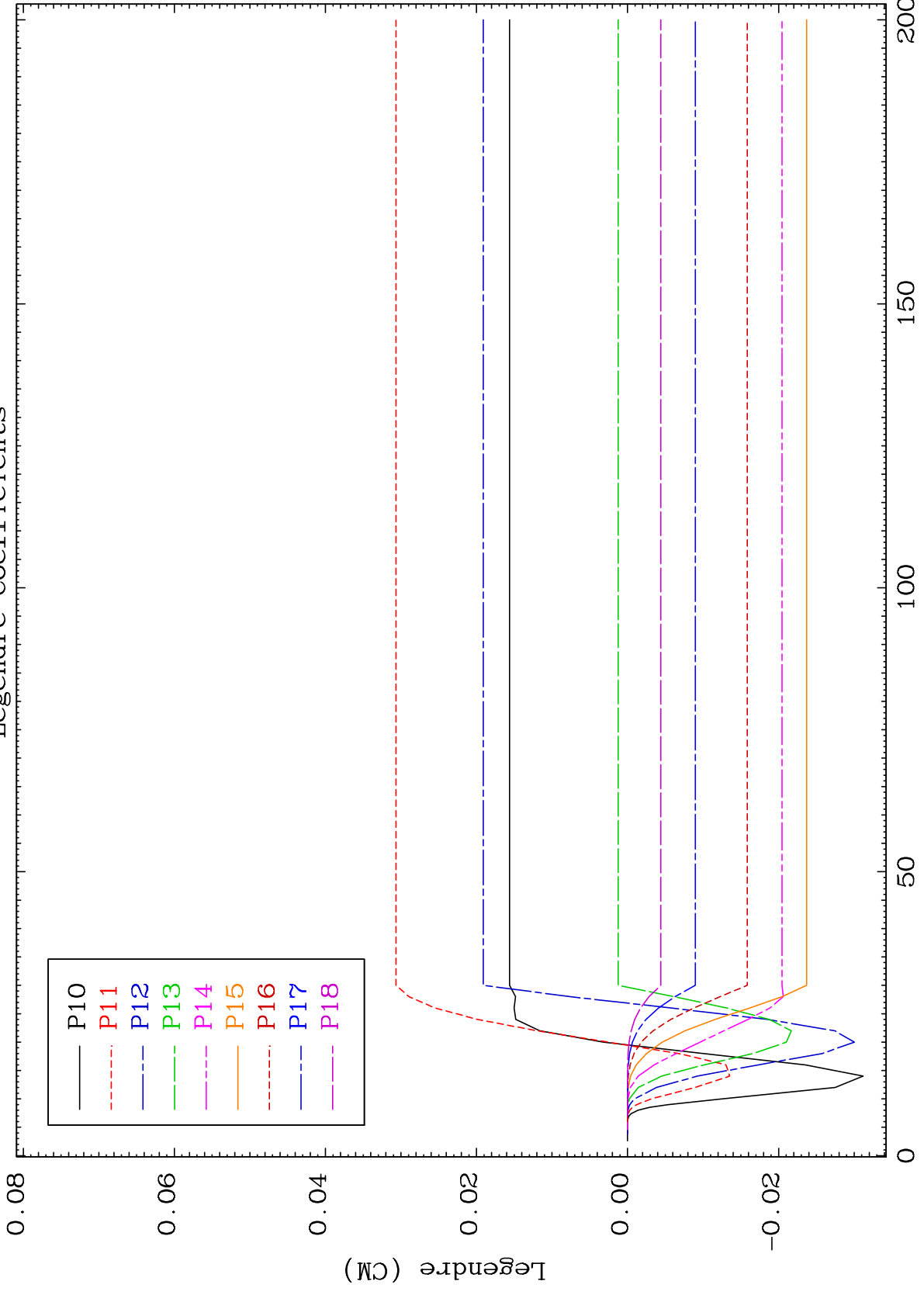


84 30-Zn-73

MAT 3052 MT= 70 (n,n') Level Legendre Coefficients

30-Zn-73

85



30-Zn-73

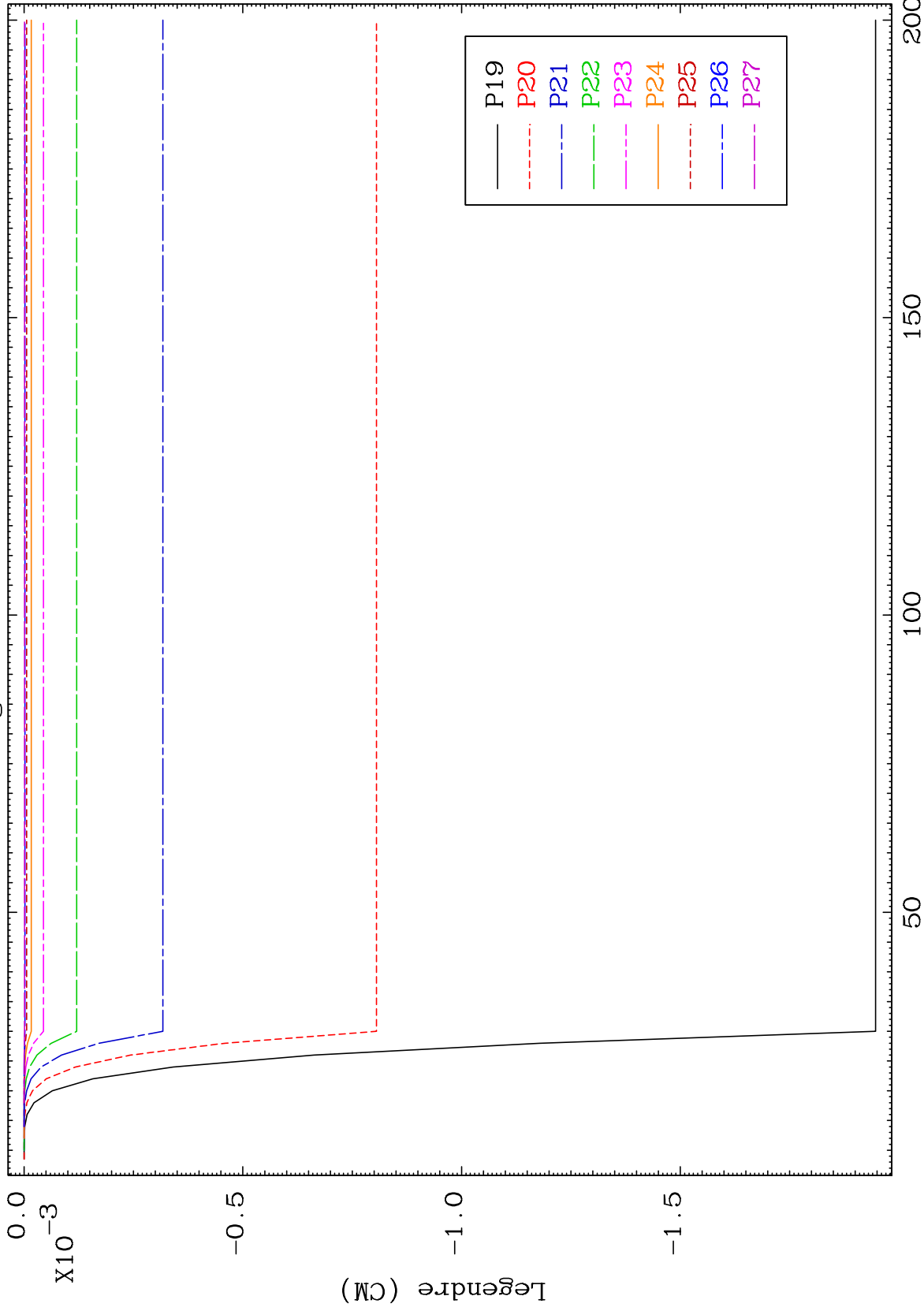
Incident Energy (MeV)

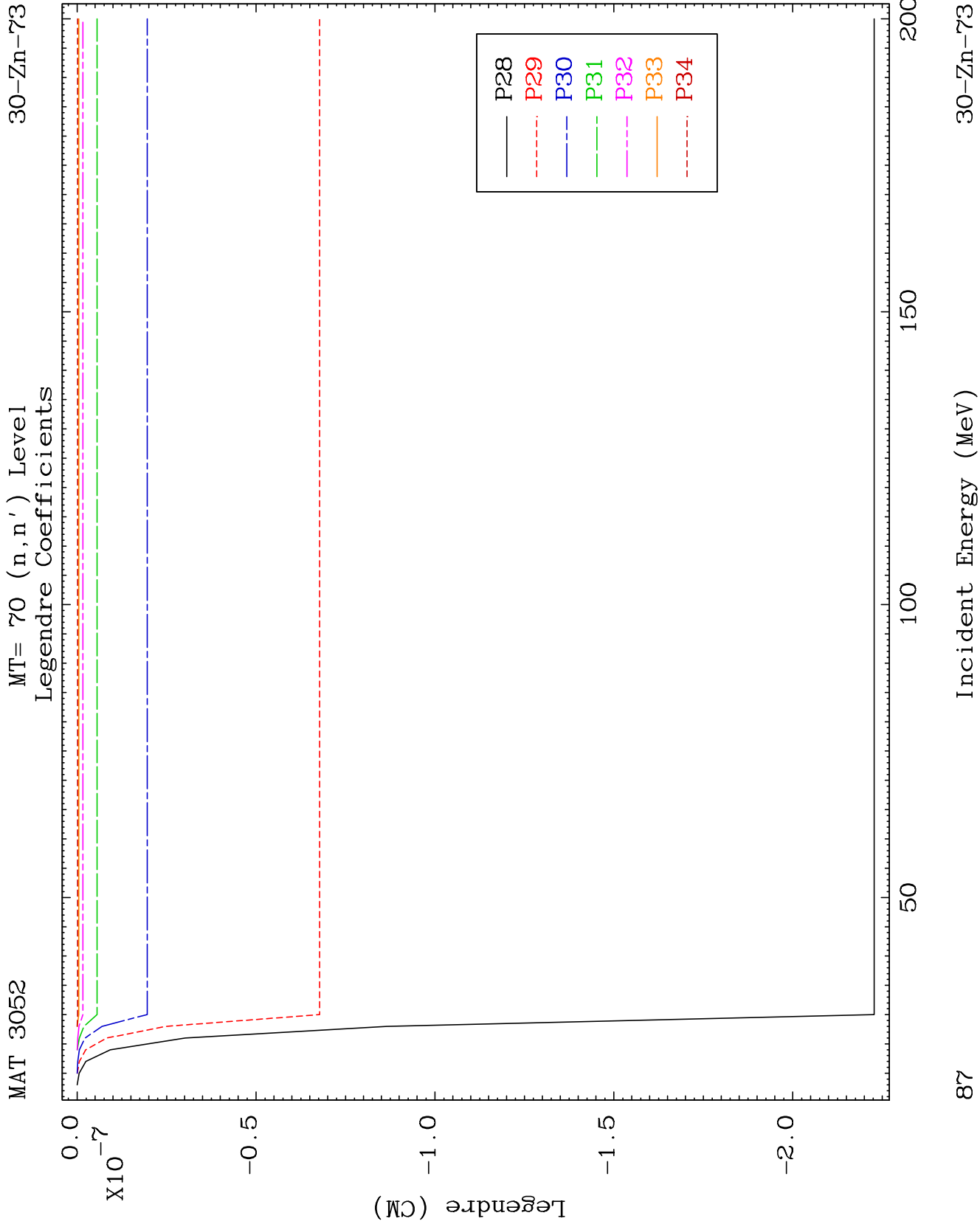
85

MAT 3052 MT= 70 (n,n') Level

30-Zn-73

Legendre Coefficients

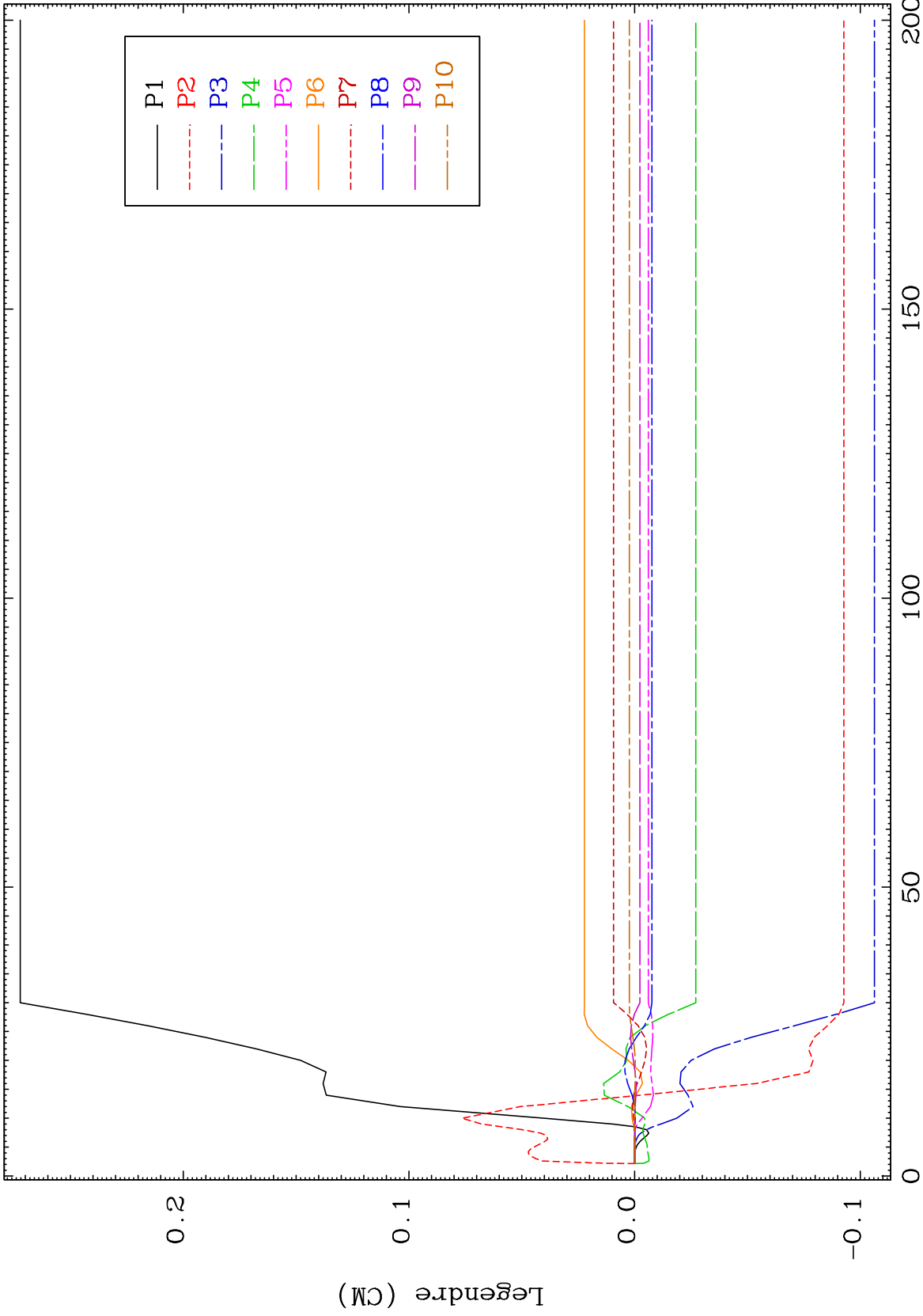




MAT 3052

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

30-Zn-73



88

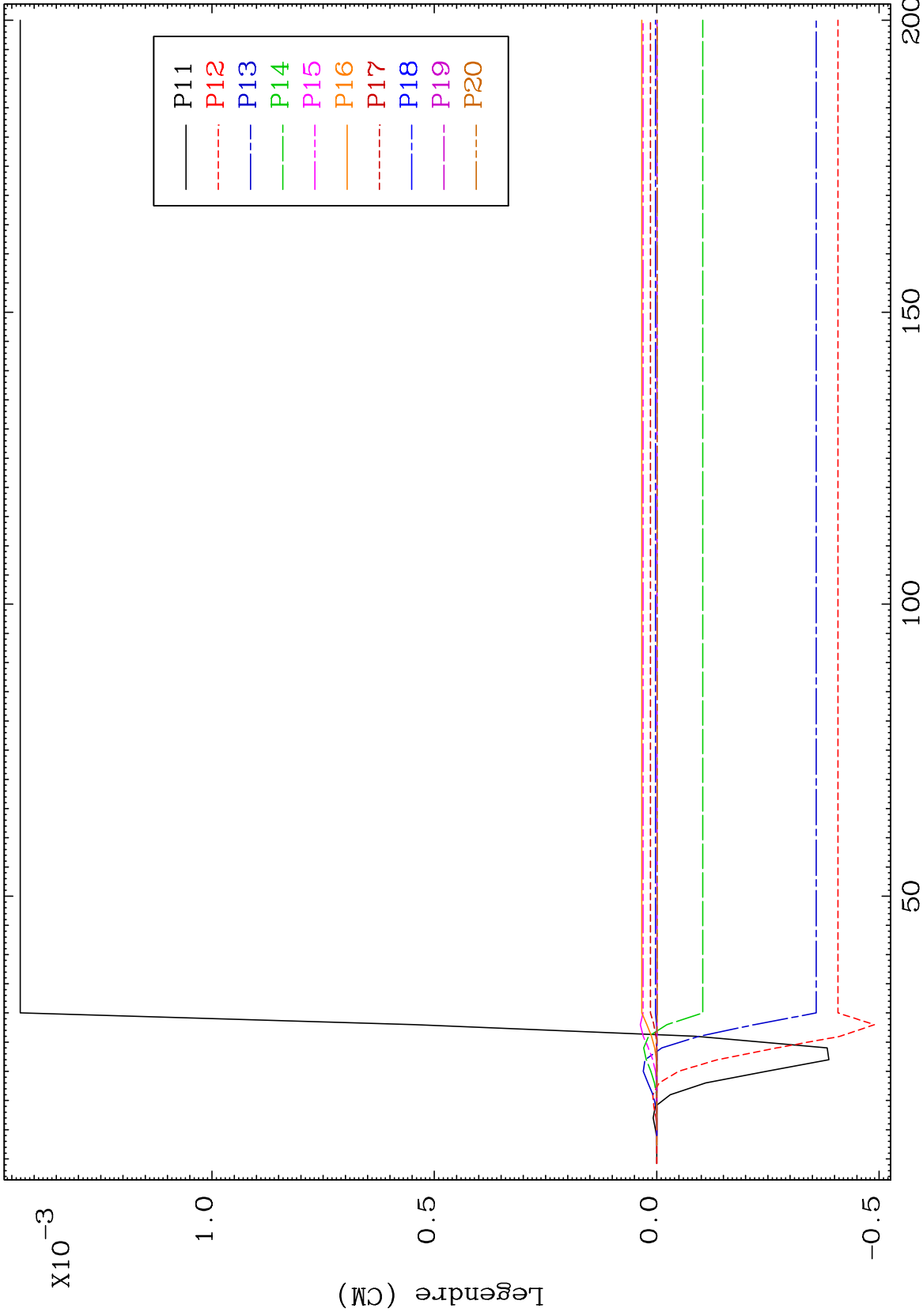
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



89

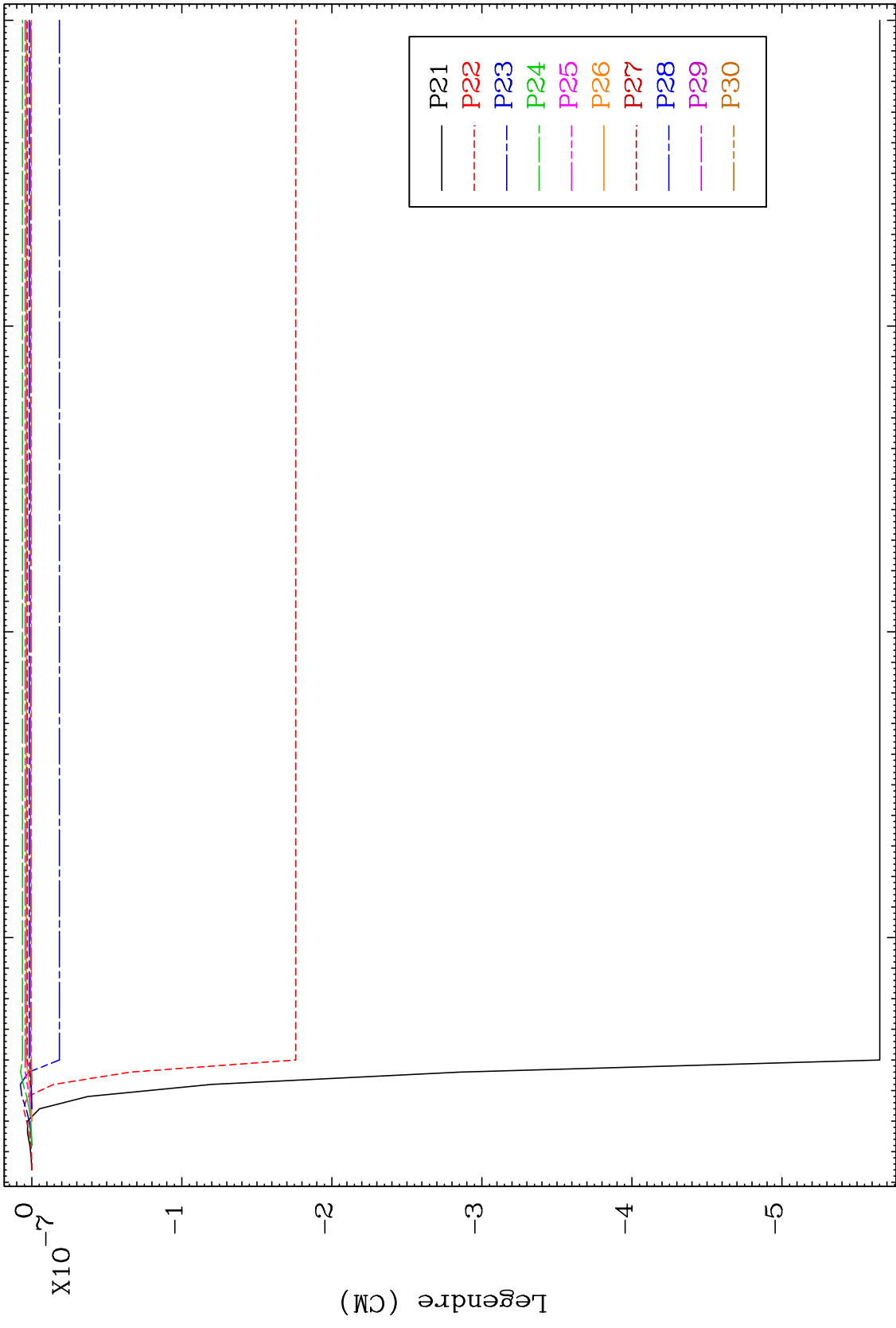
Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 71 (n,n') Level

Legendre Coefficients

30-Zn-73



30-Zn-73

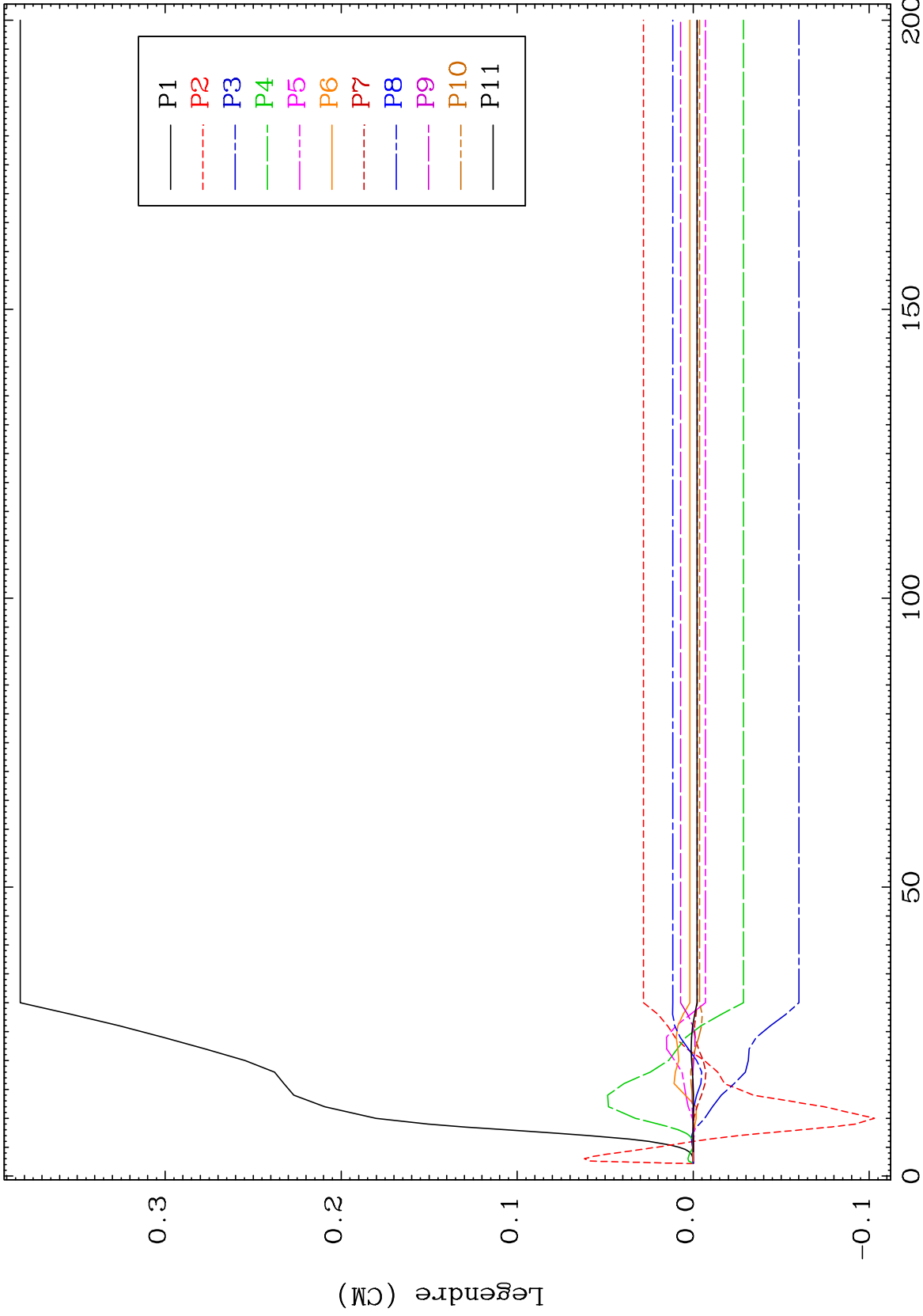
Incident Energy (MeV)

90

MAT 3052

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

30-Zn-73



91

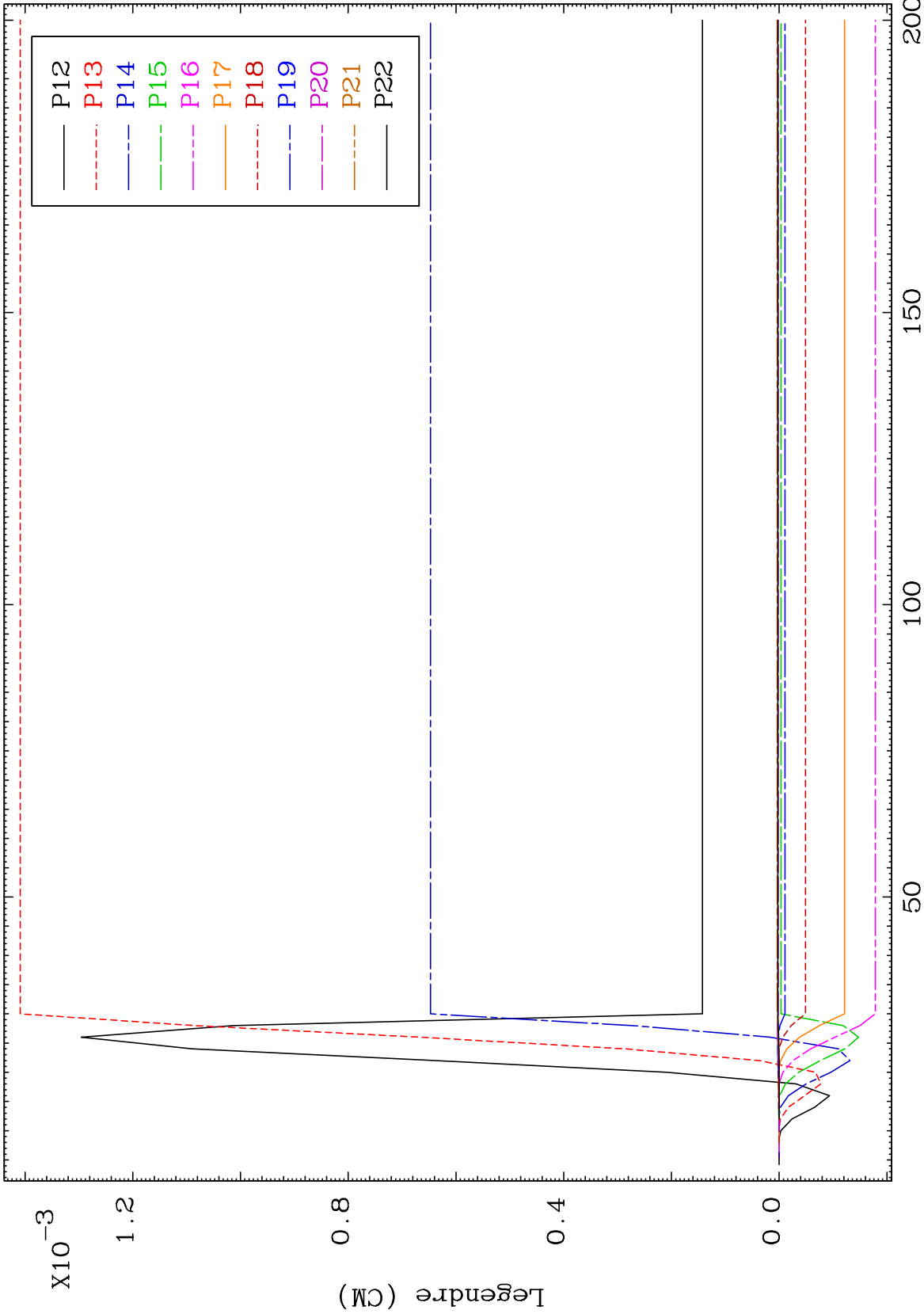
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



92

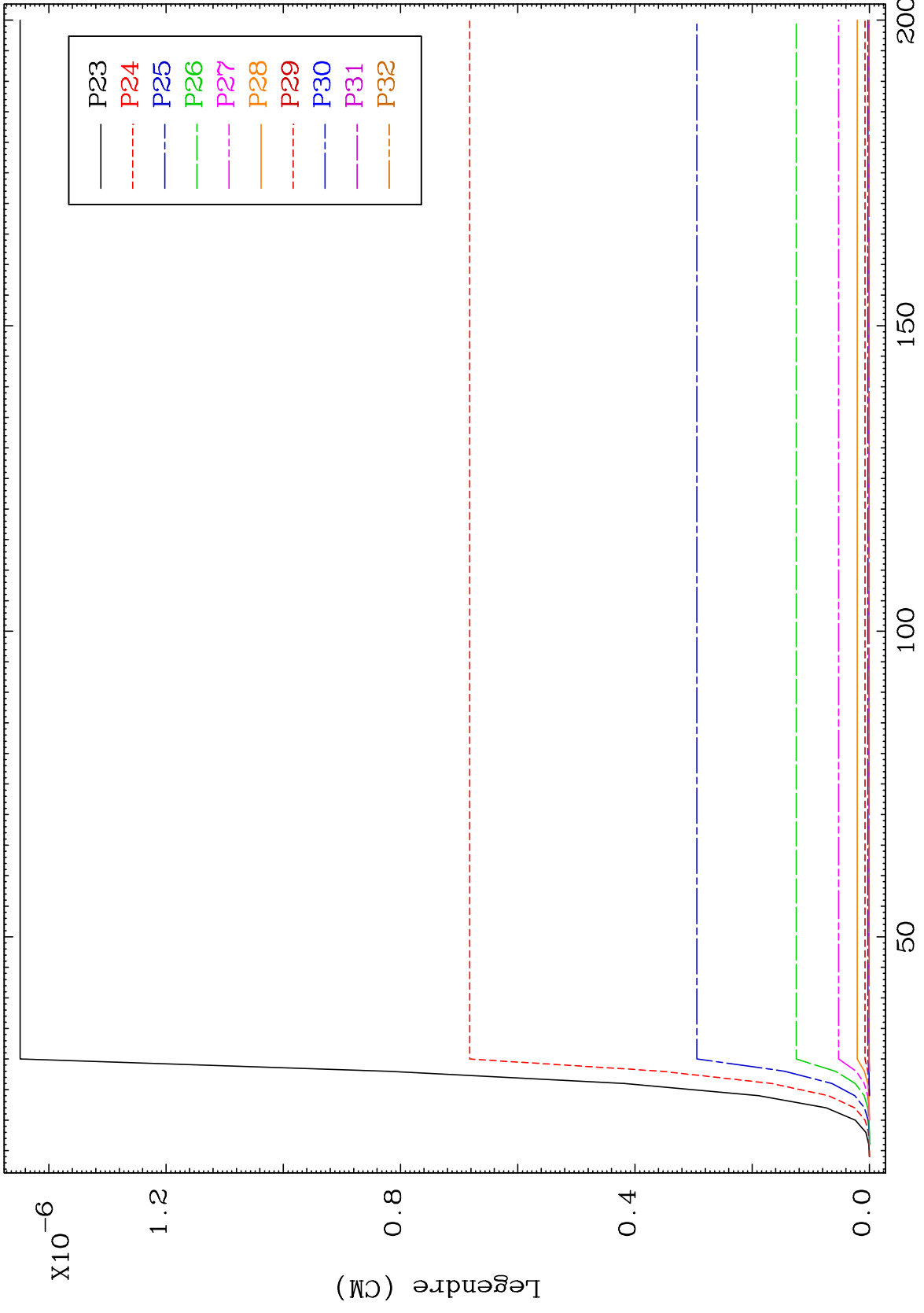
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



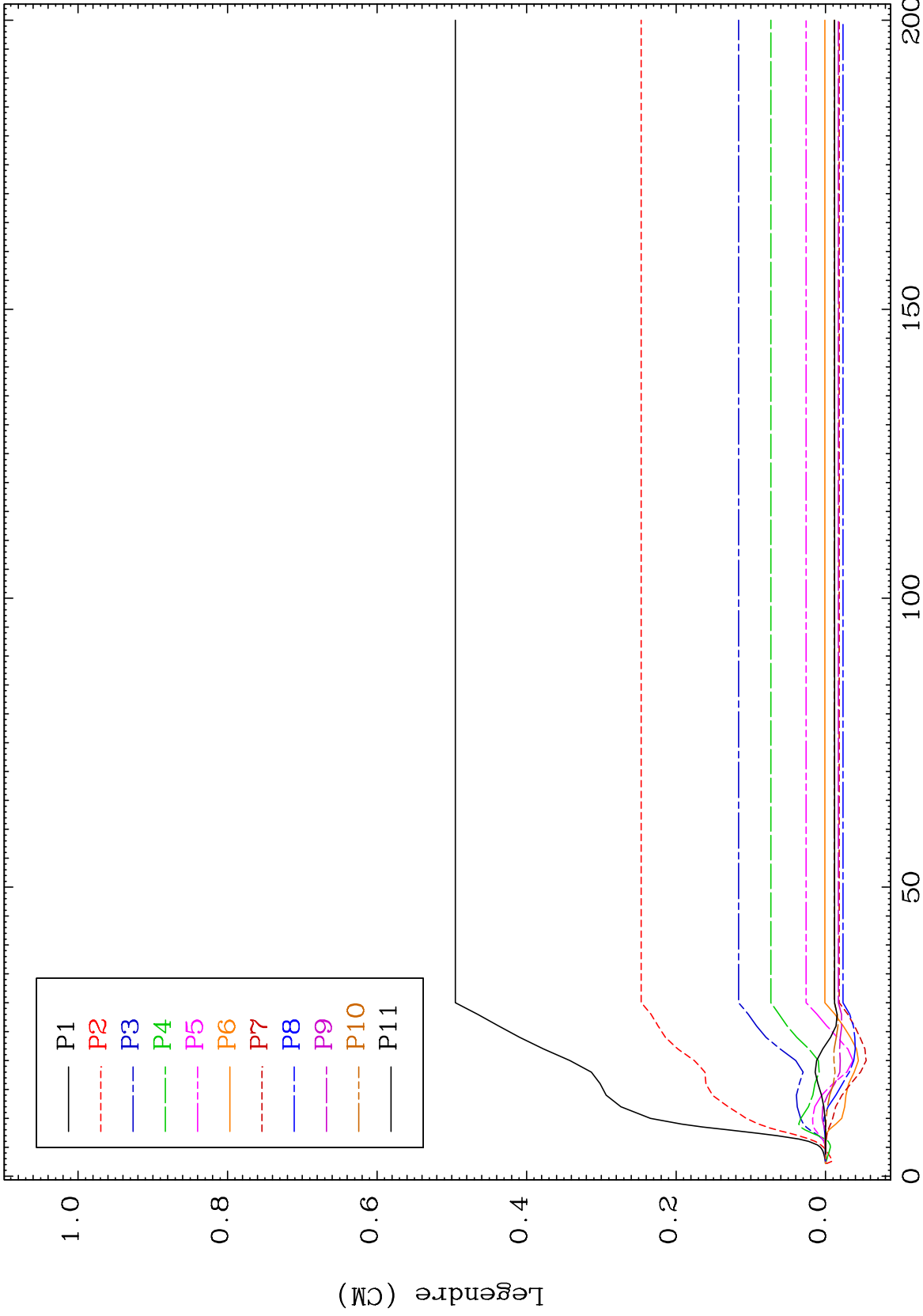
93

30-Zn-73

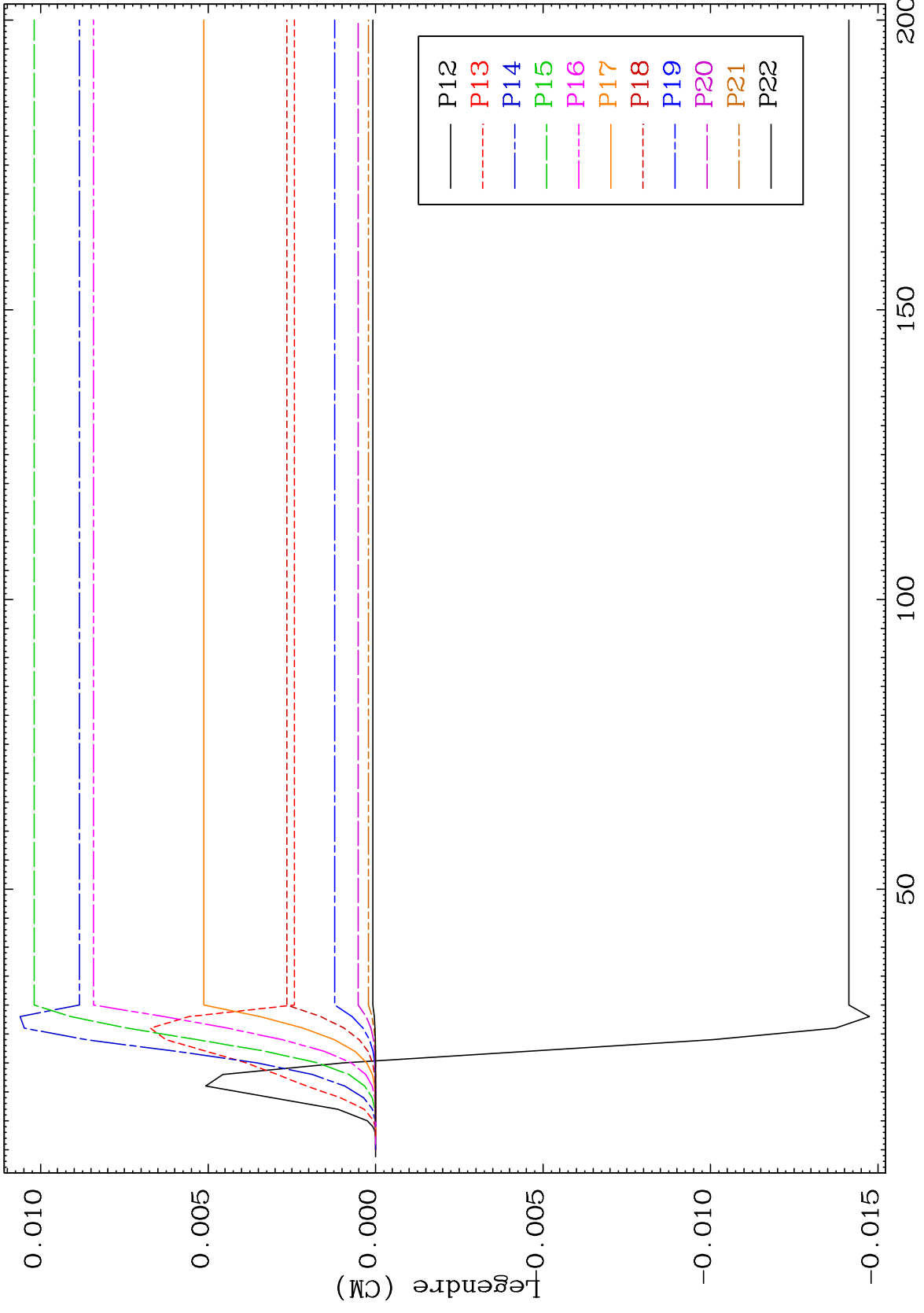
MAT 3052

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

30-Zn-73



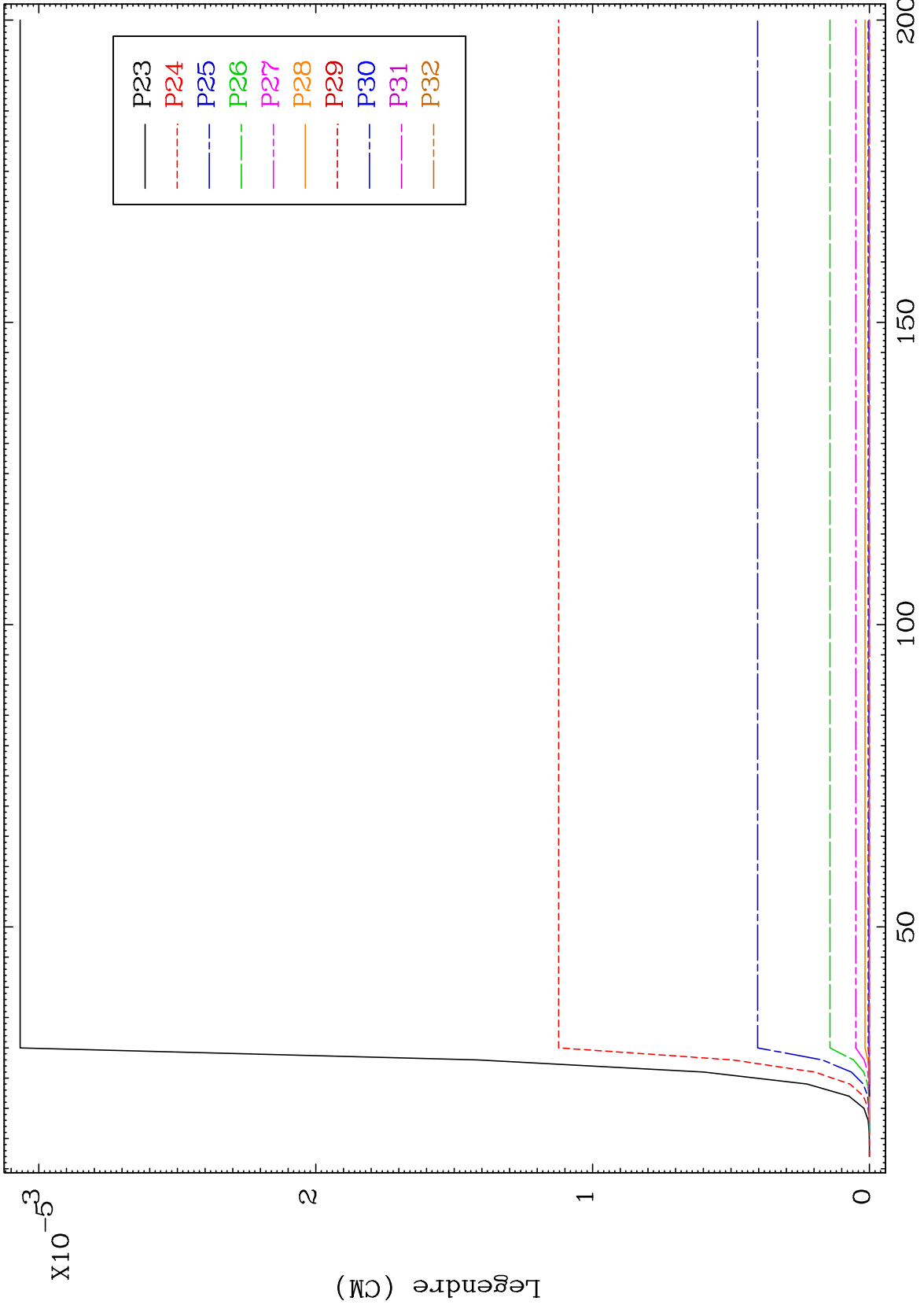
MAT 3052 MT= 73 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73



96

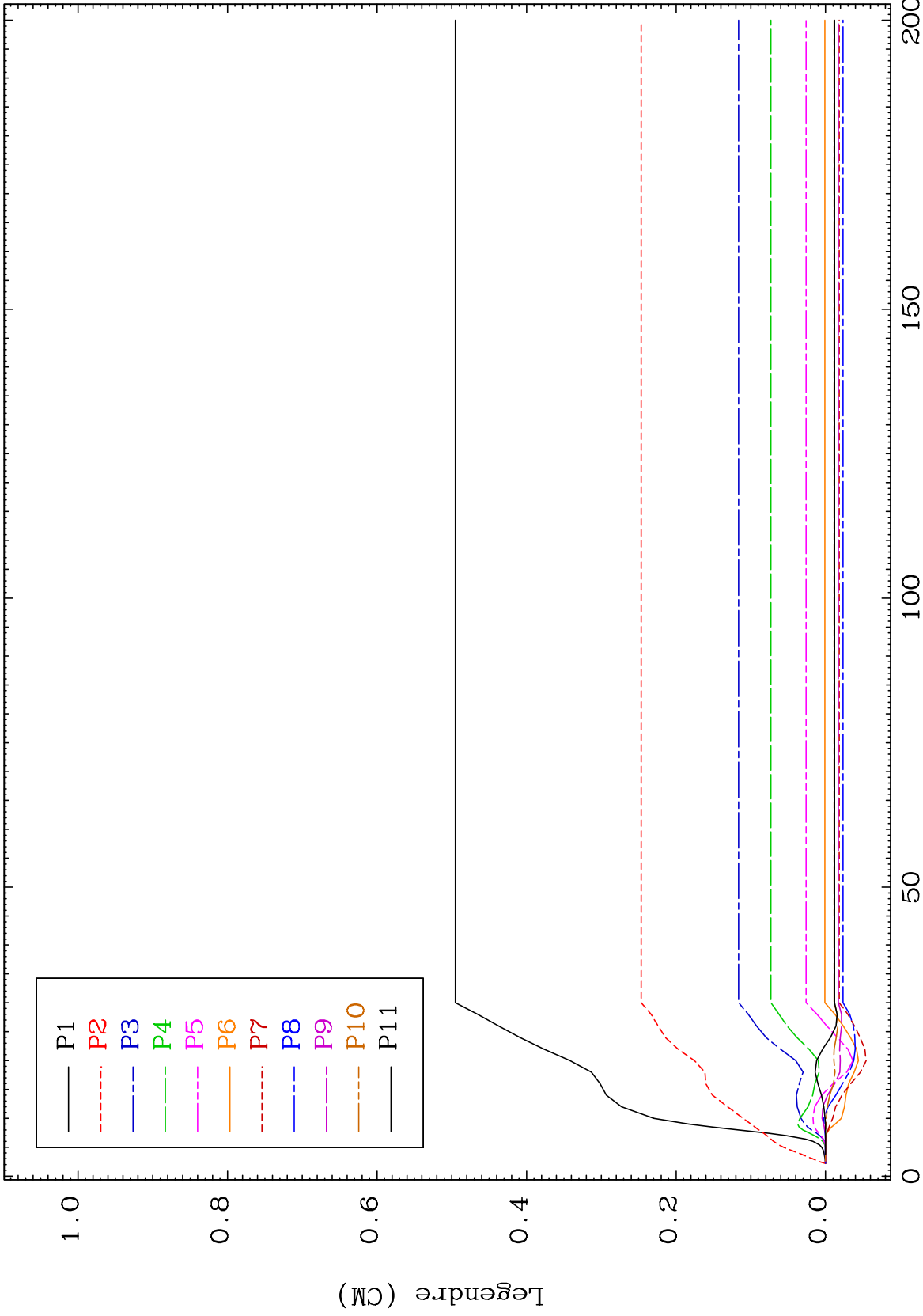
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73

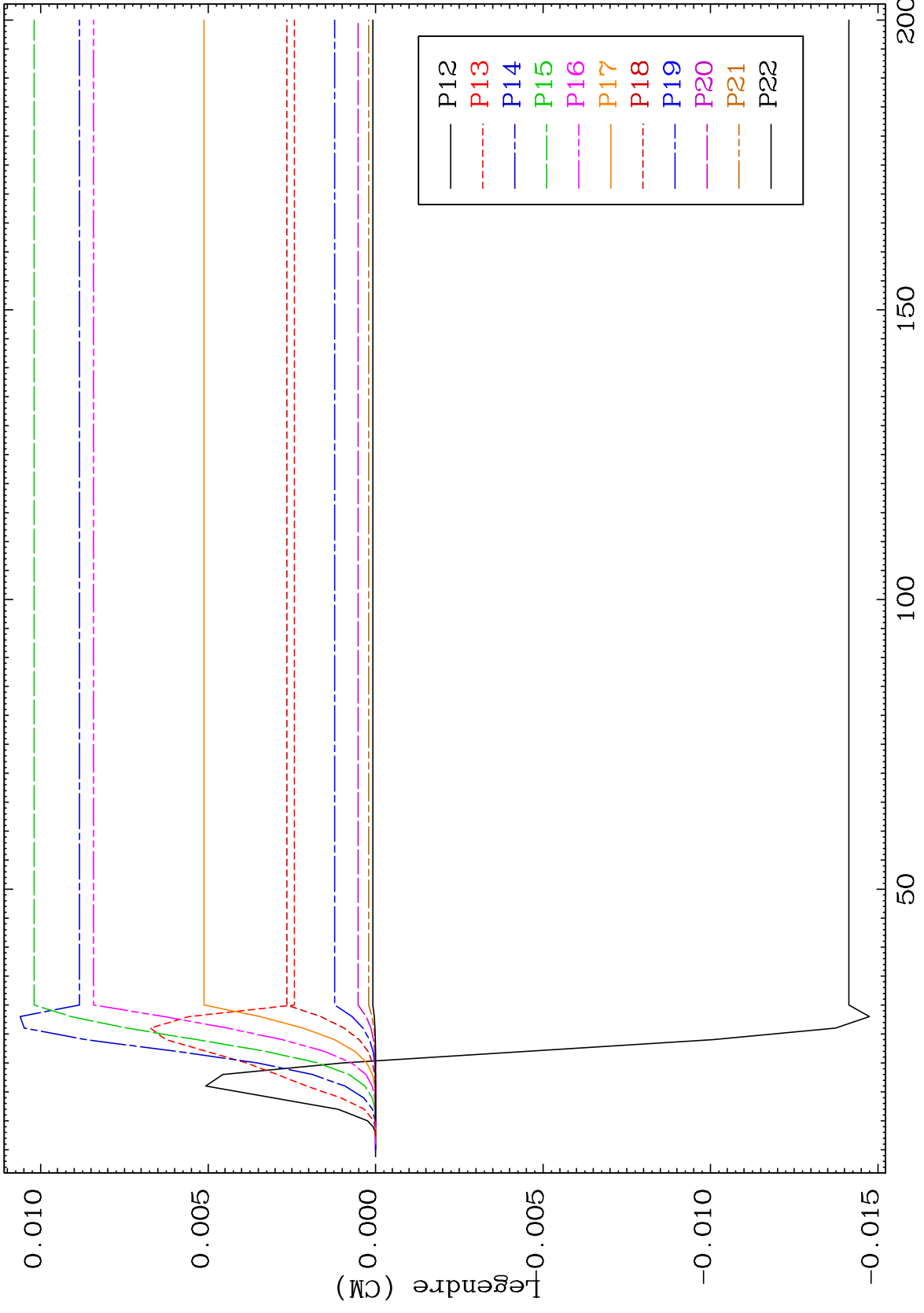


97

Incident Energy (MeV)

30-Zn-73

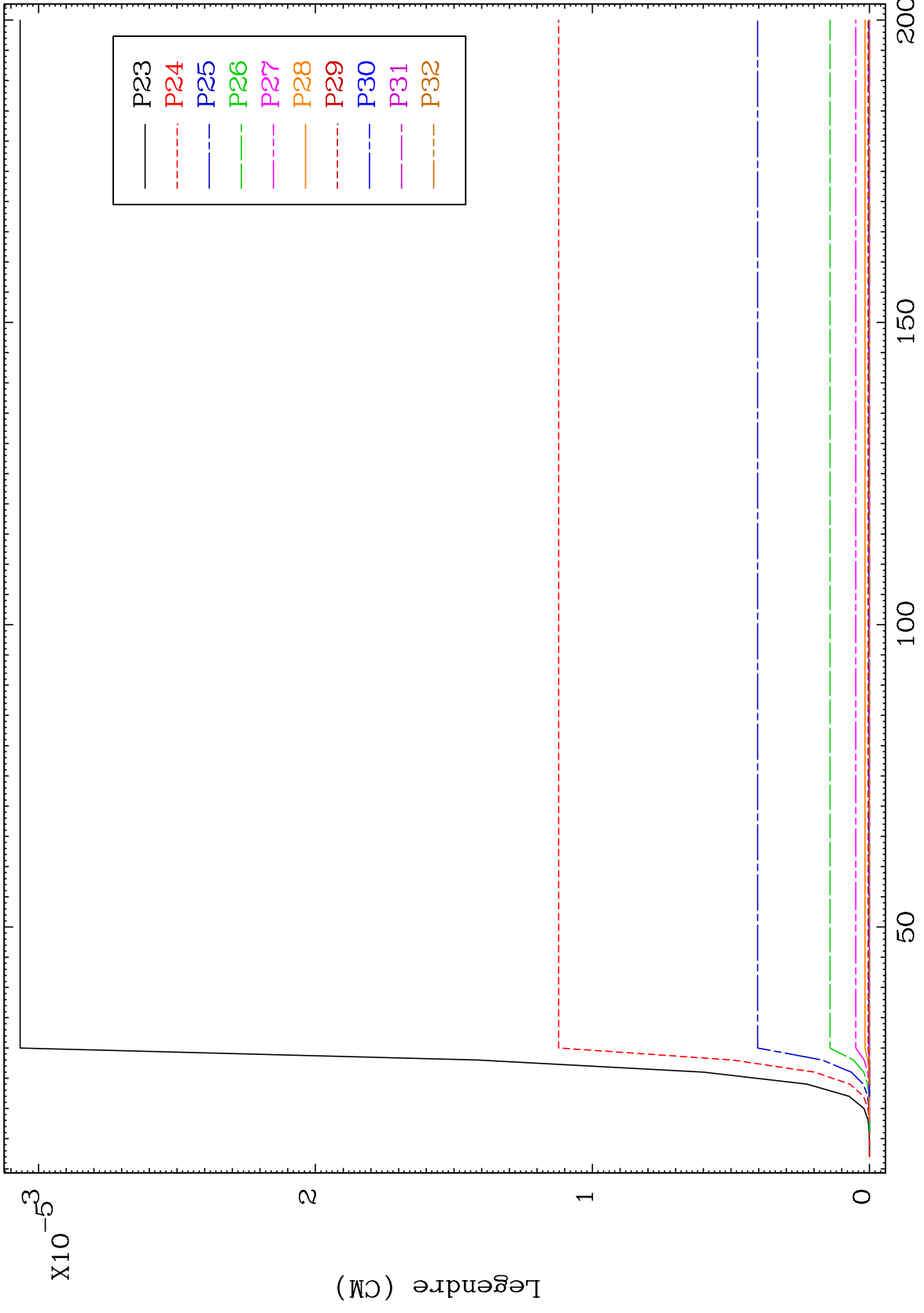
MAT 3052 MT= 74 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

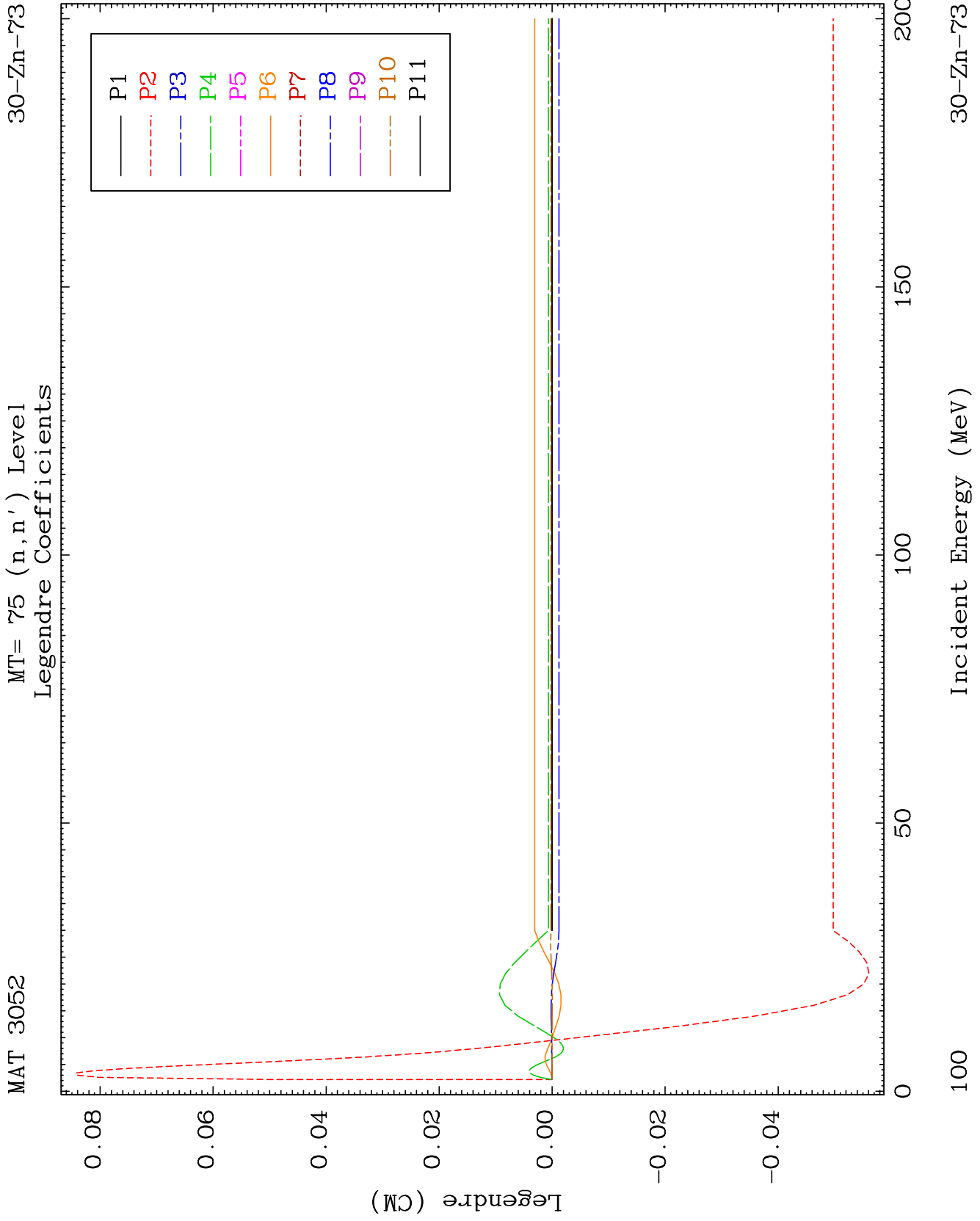
30-Zn-73



99

Incident Energy (MeV)

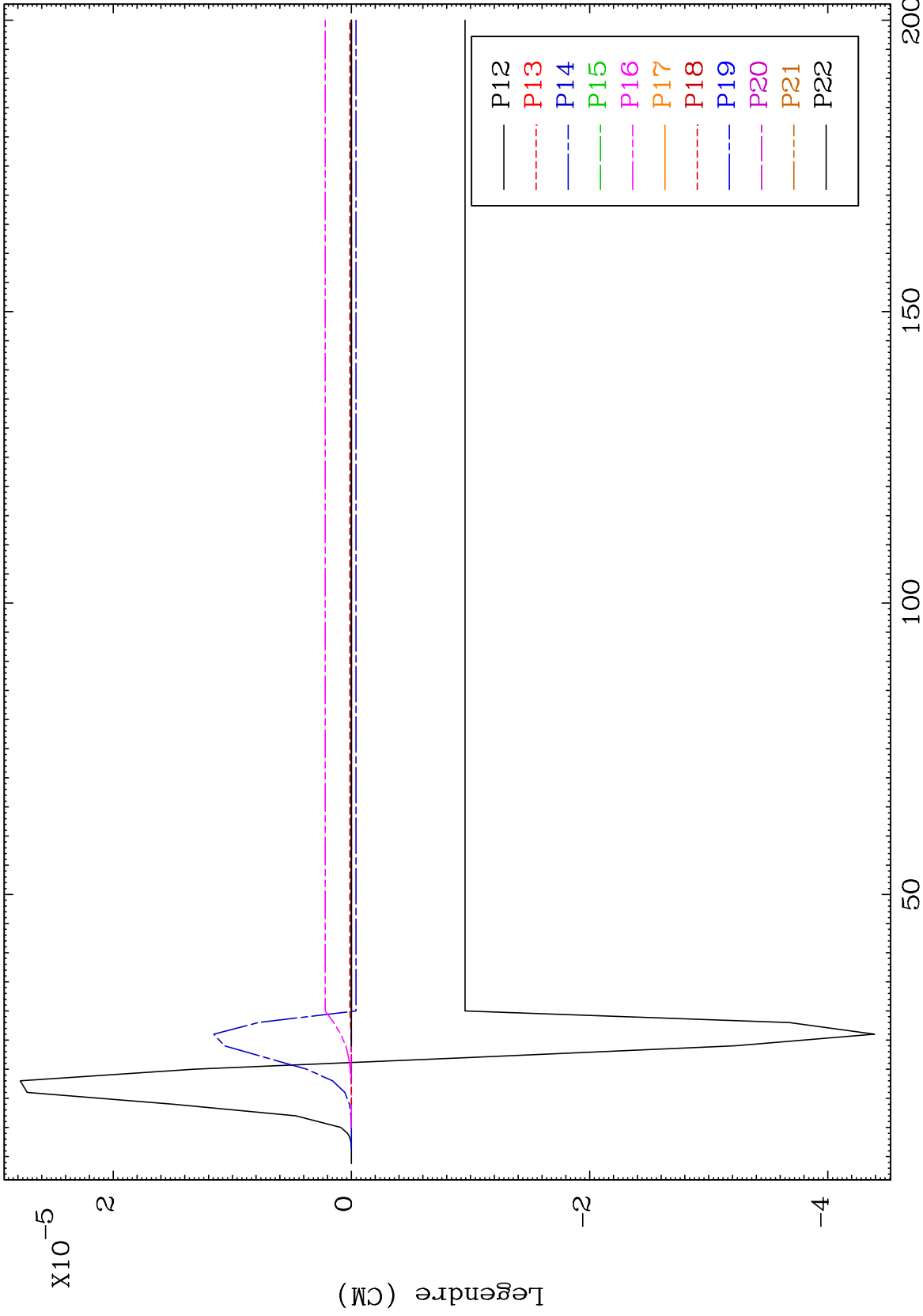
30-Zn-73



MAT 3052

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

30-Zn-73

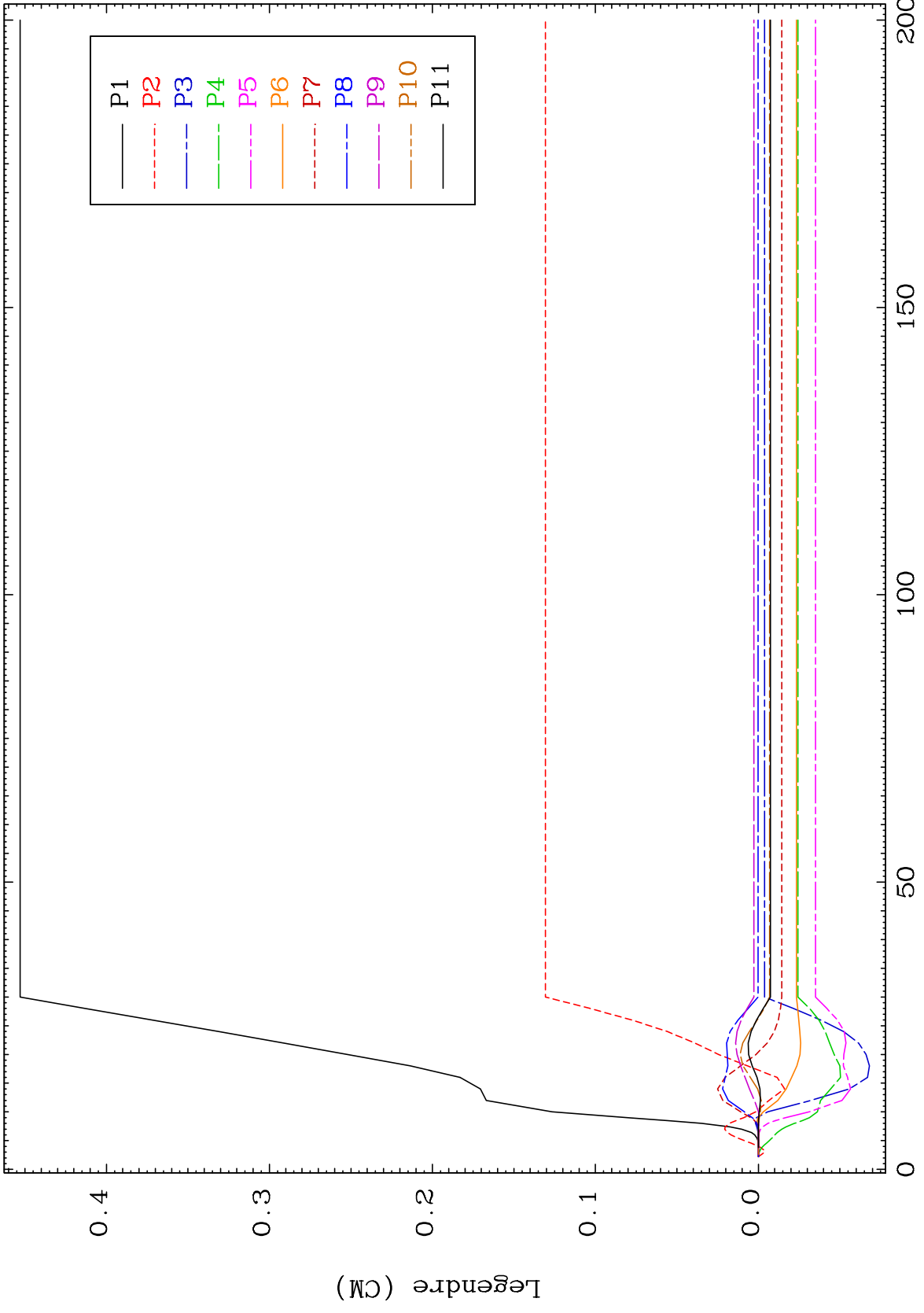


101

Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-73

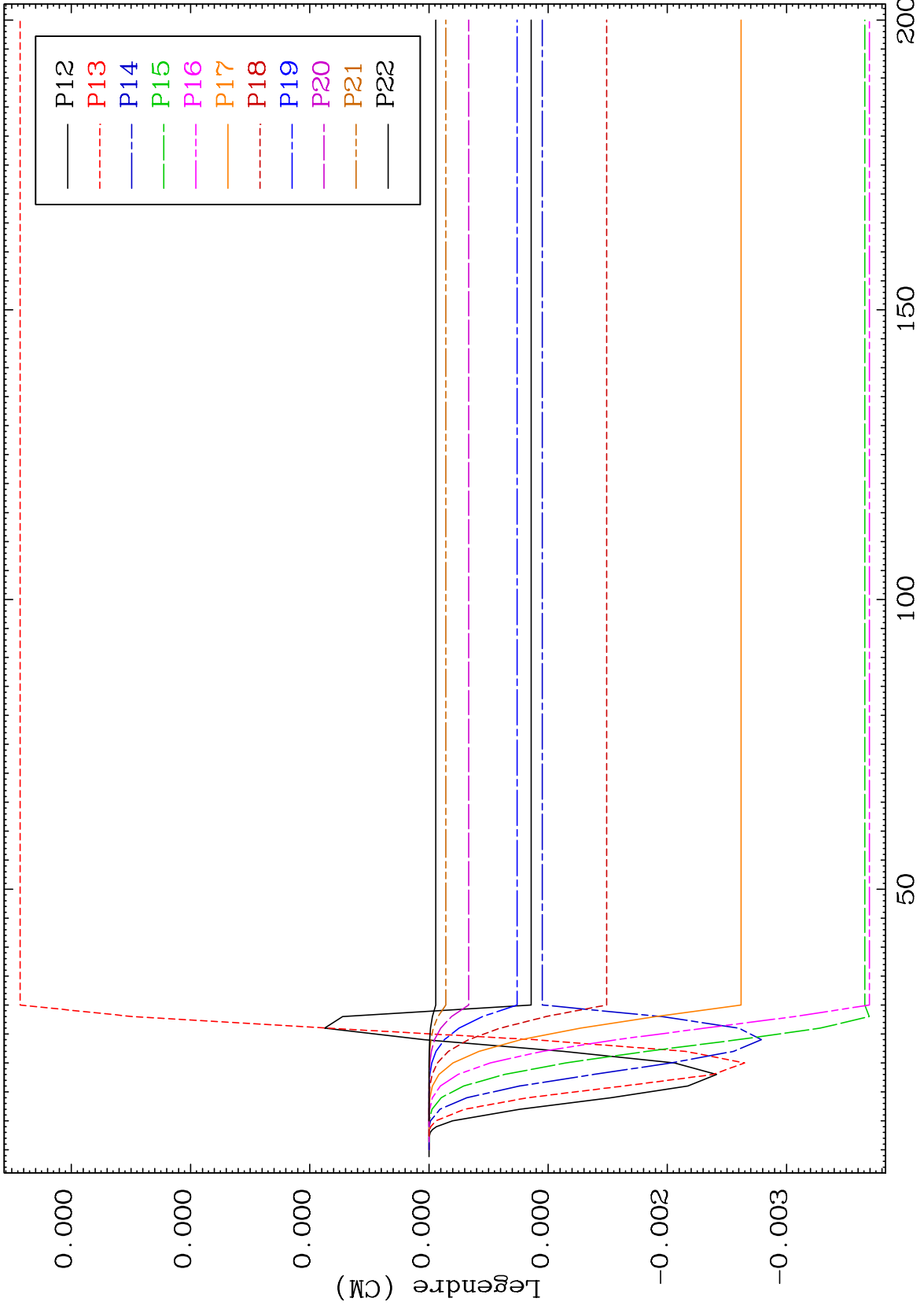


102 Incident Energy (MeV) 30-Zn-73

MAT 3052

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

30-Zn-73

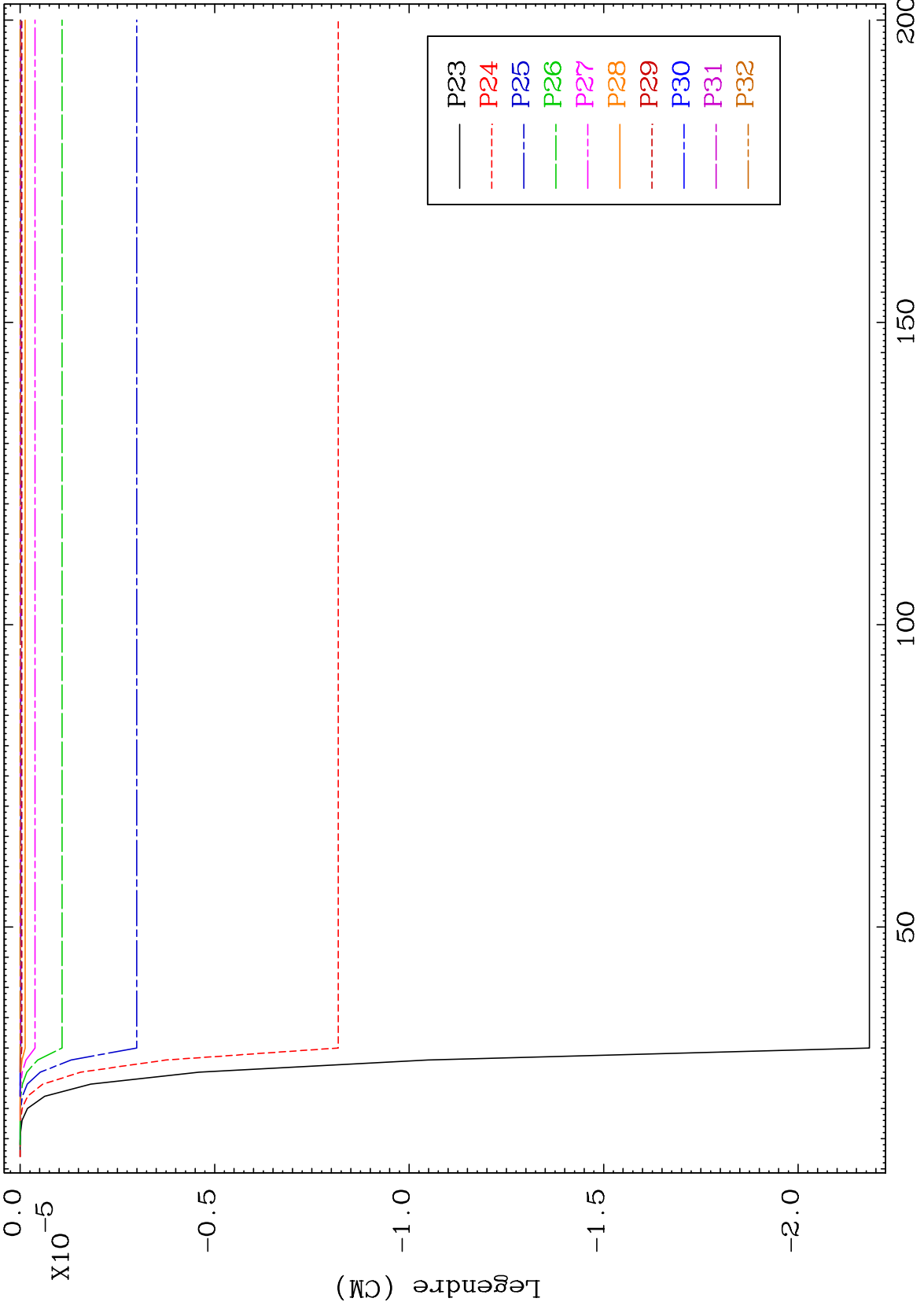


103

Incident Energy (MeV)

30-Zn-73

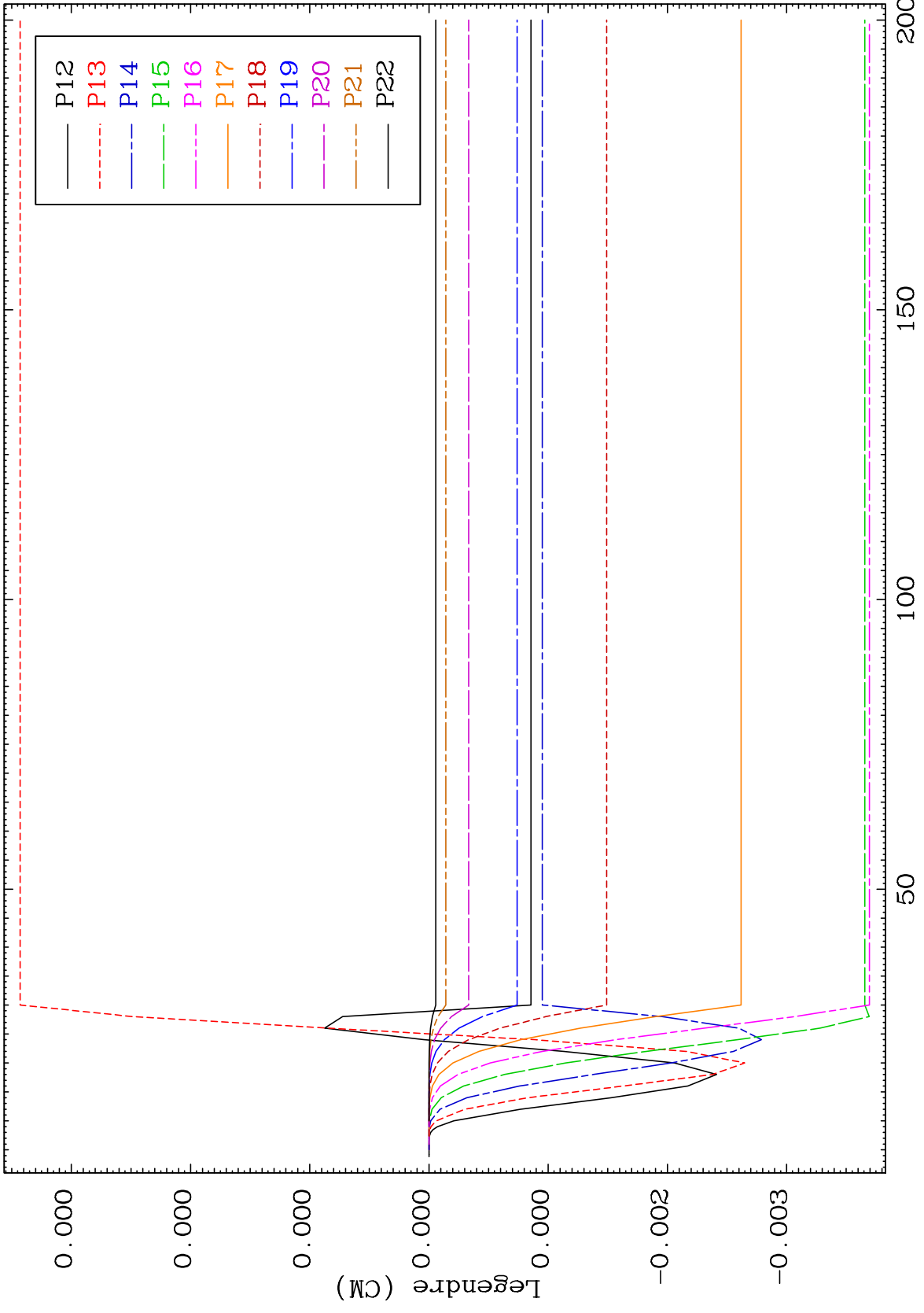
MAT 3052 MT= 76 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73

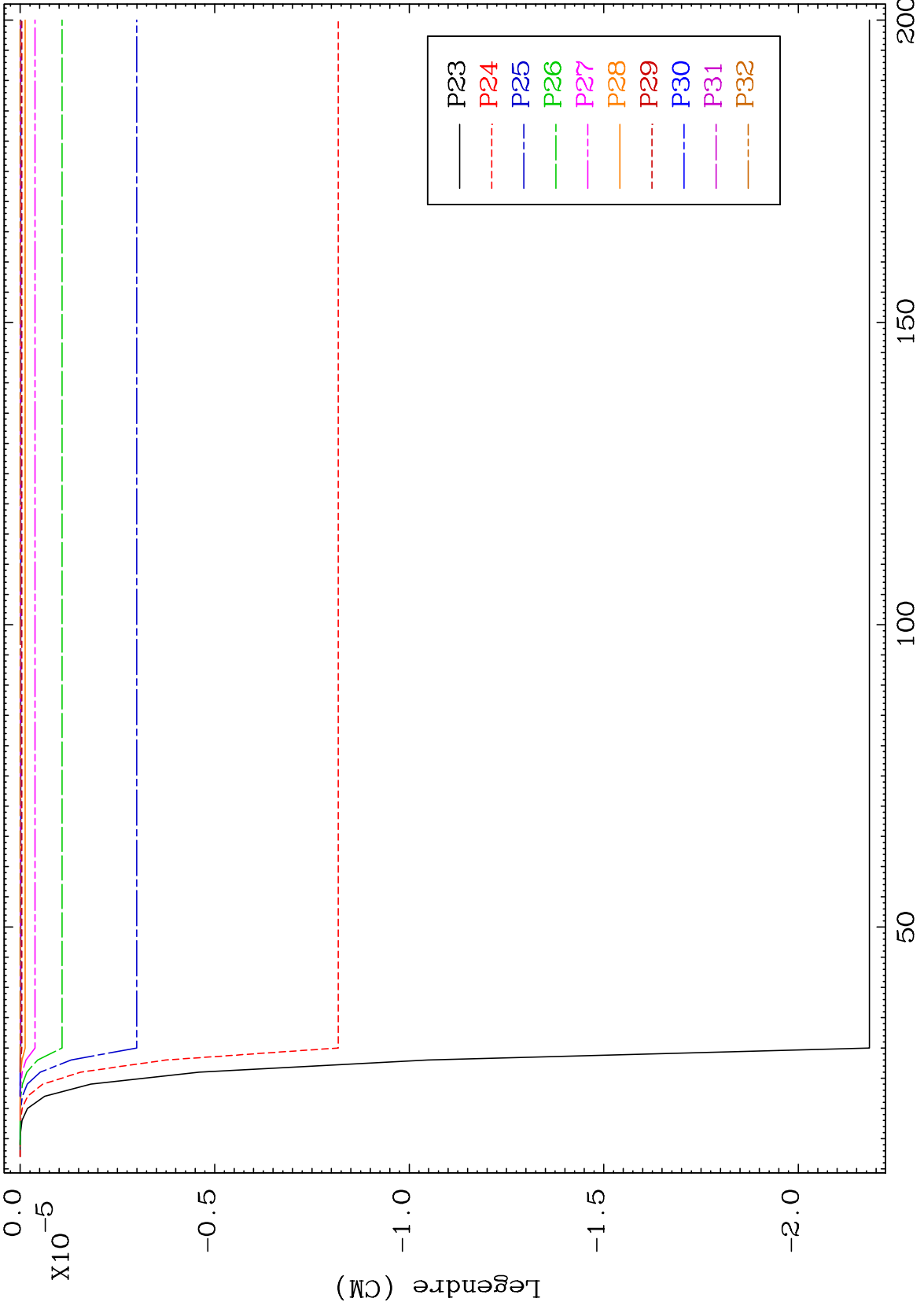


106

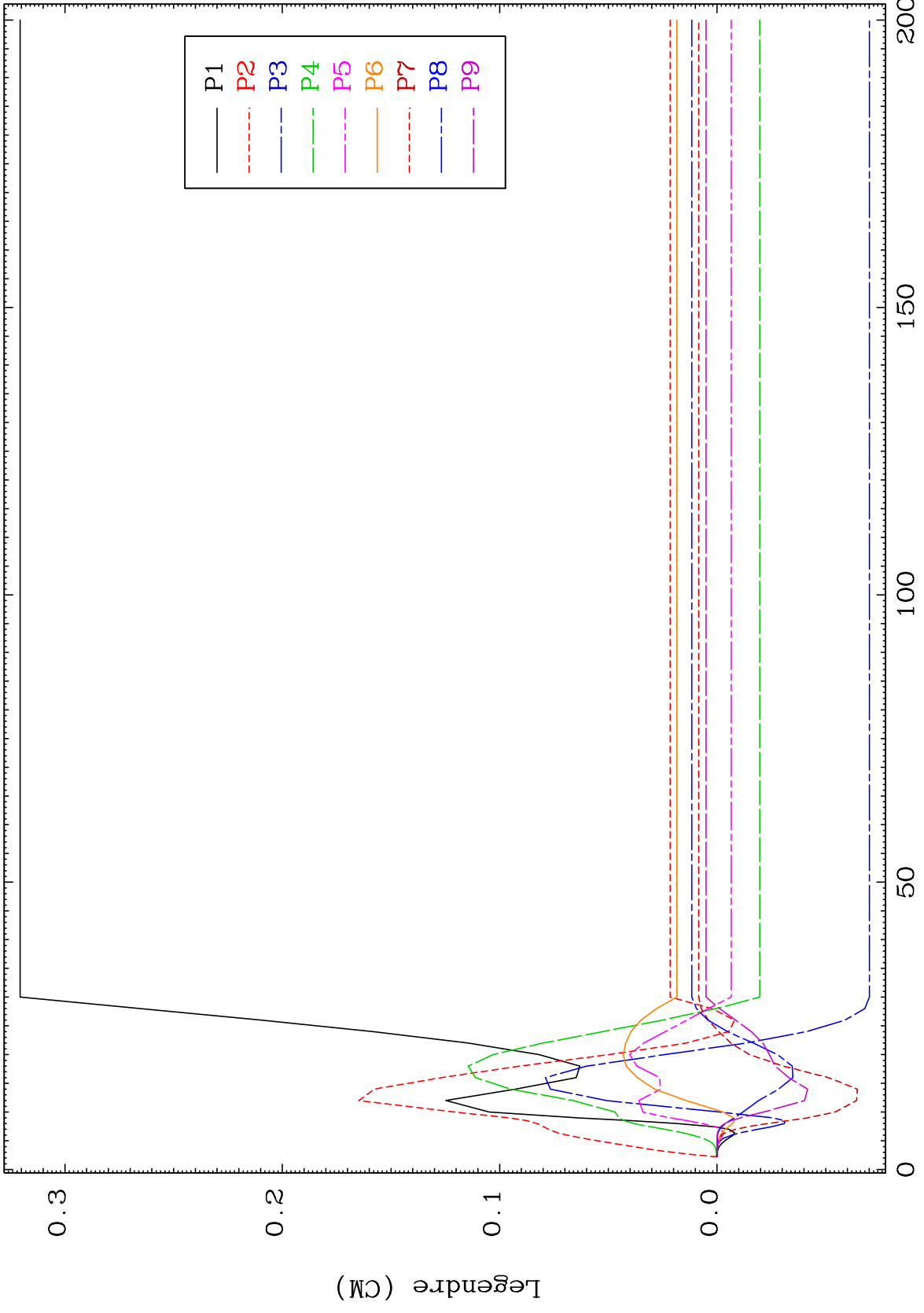
Incident Energy (MeV)

30-Zn-73

MAT 3052 MT= 77 (n,n') Level Legendre Coefficients 30-Zn-73

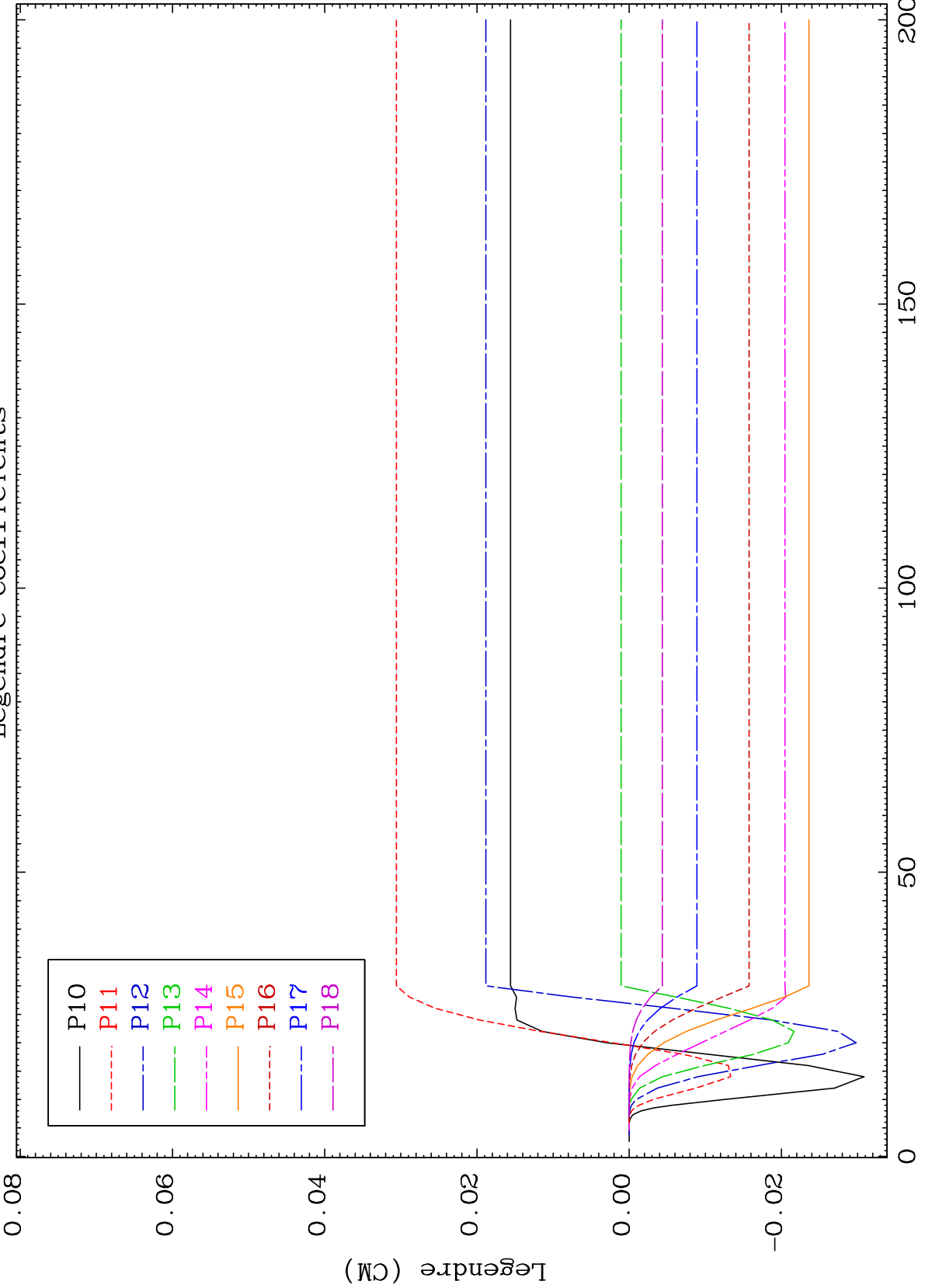


MAT 3052 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-73

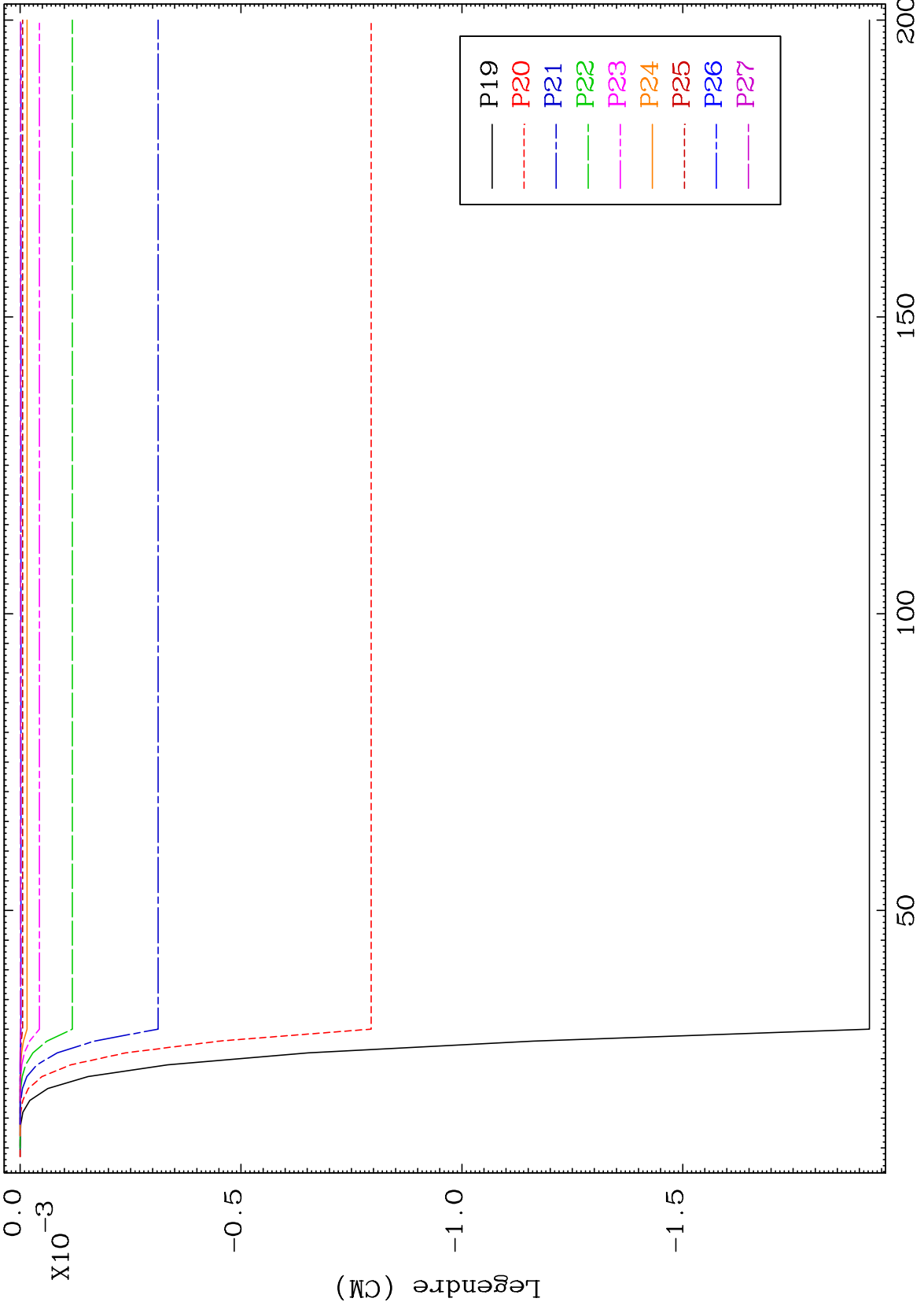


108 30-Zn-73

MAT 3052 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-73

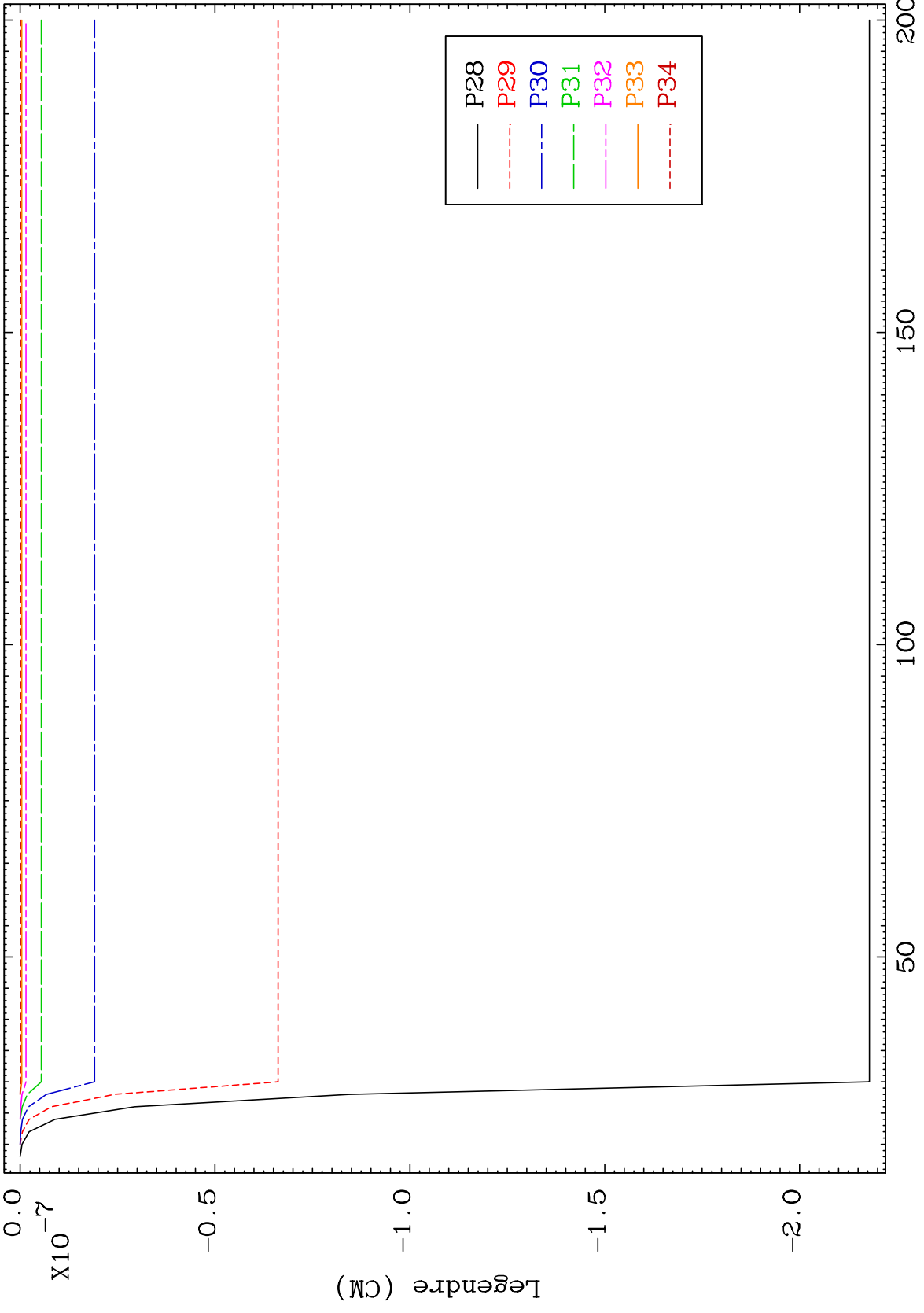


MAT 3052 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-73

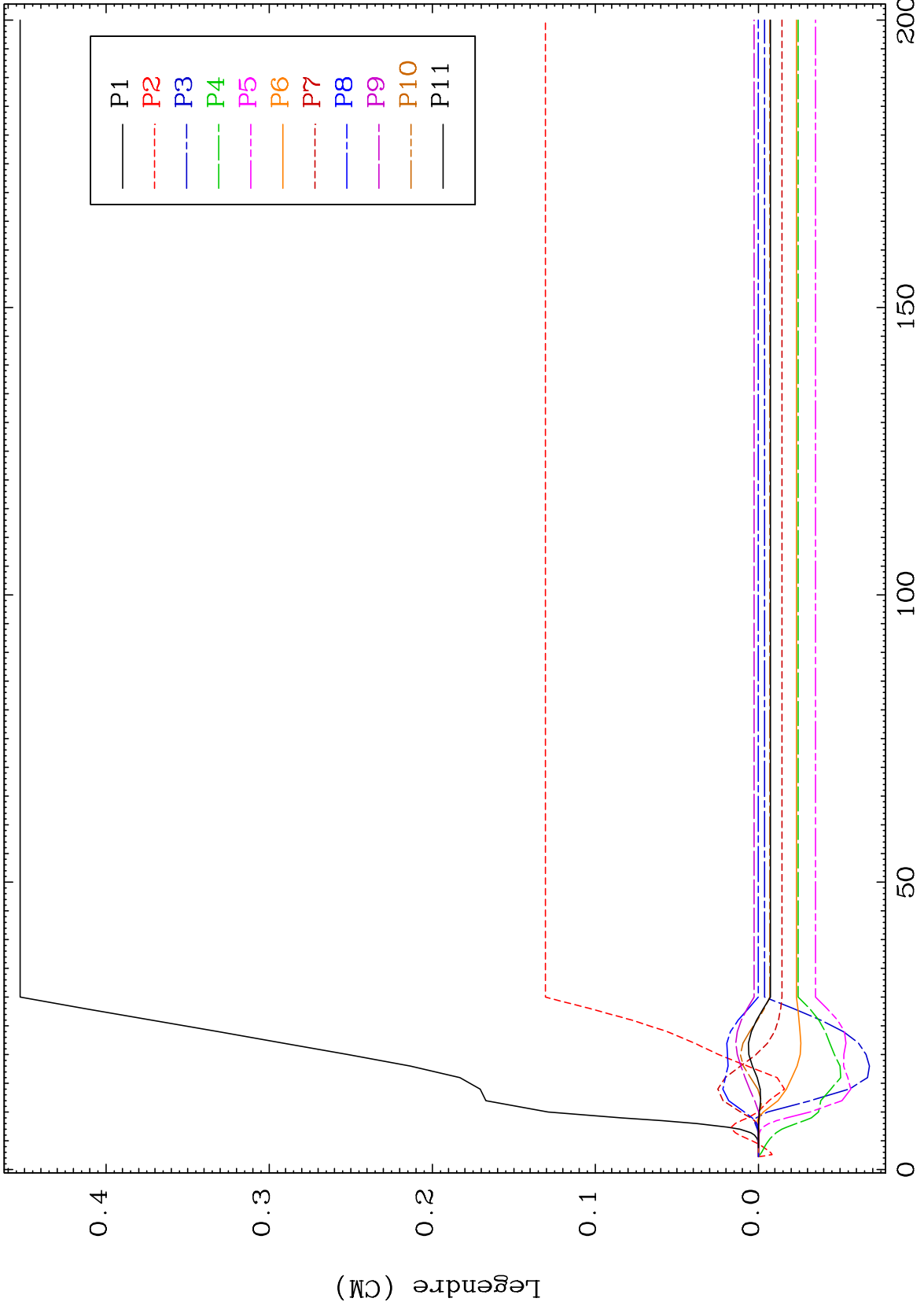


110 Incident Energy (MeV) 30-Zn-73

MAT 3052 MT= 78 (n,n') Level Legendre Coefficients 30-Zn-73



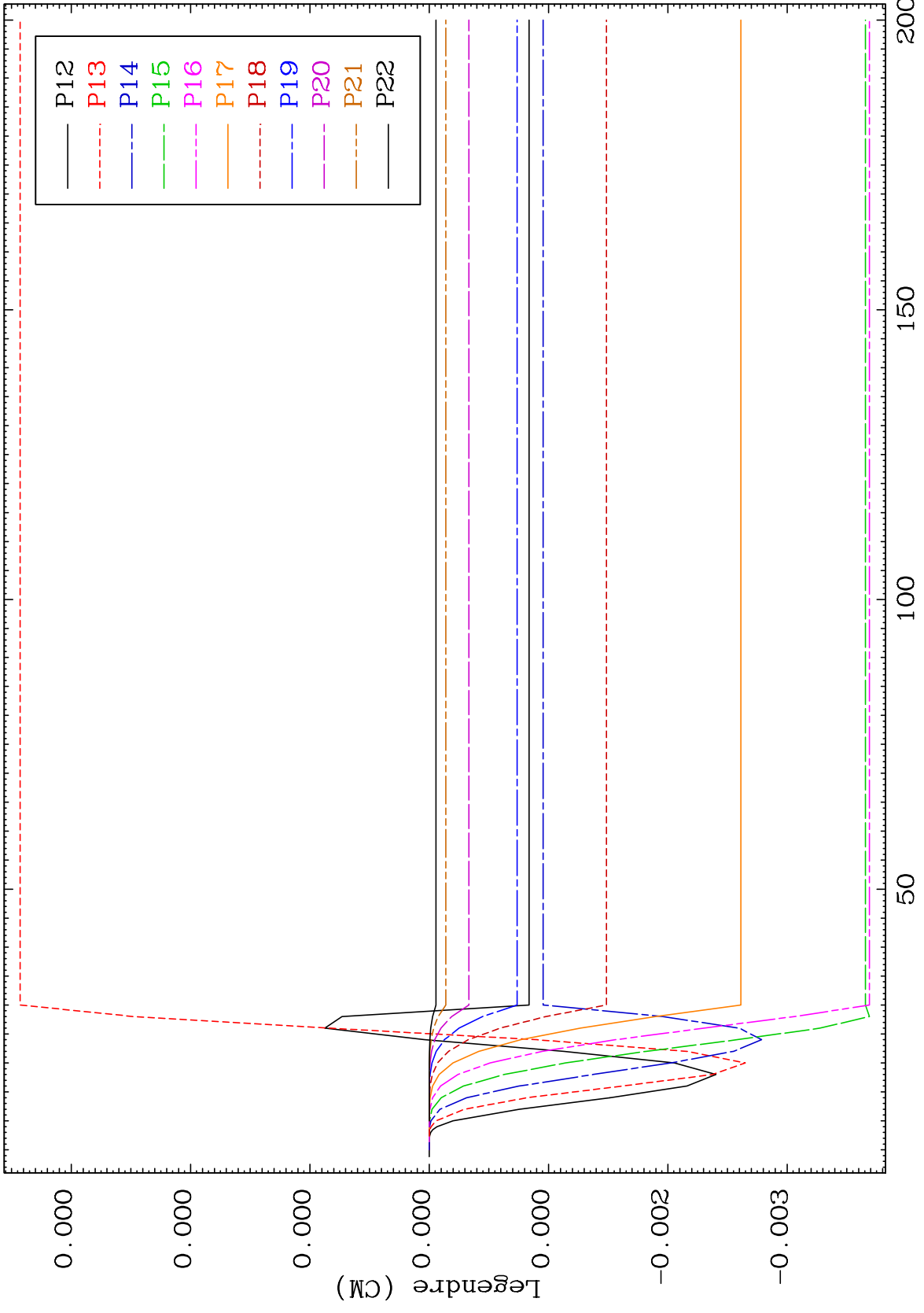
MAT 3052 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73

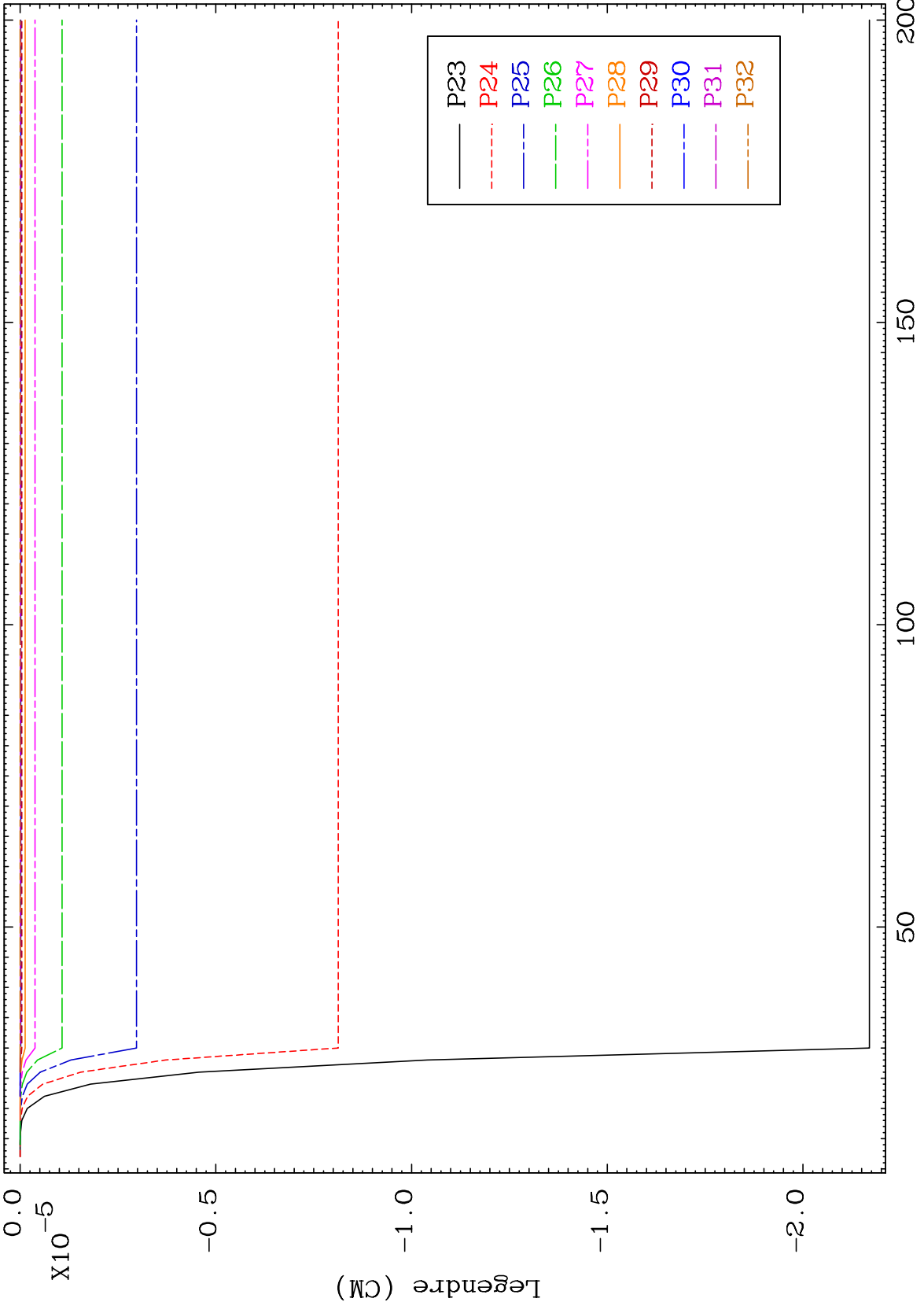


113

Incident Energy (MeV)

30-Zn-73

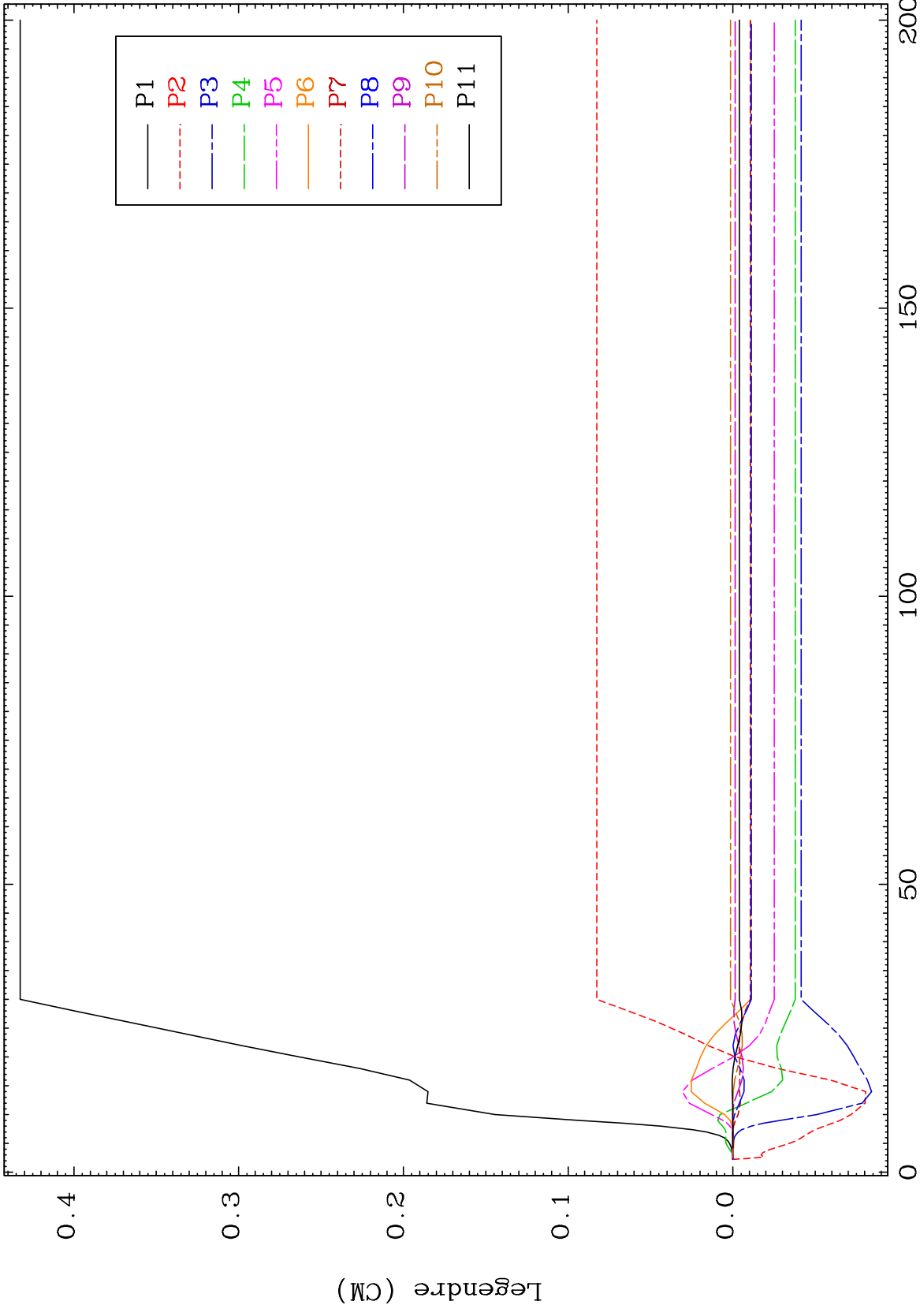
MAT 3052 MT= 79 (n,n') Level Legendre Coefficients 30-Zn-73



MAT 3052

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

30-Zn-73

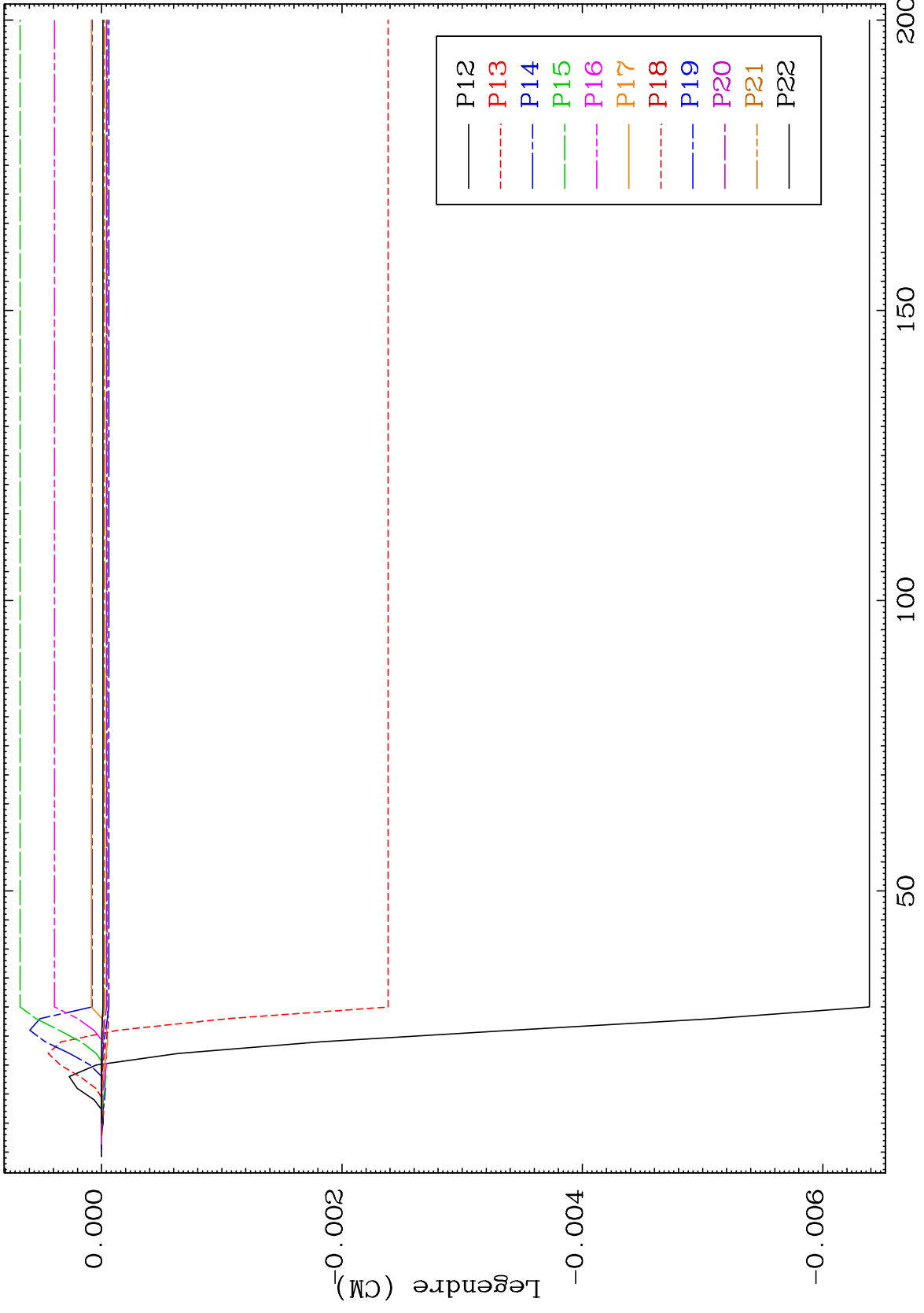


30-Zn-73

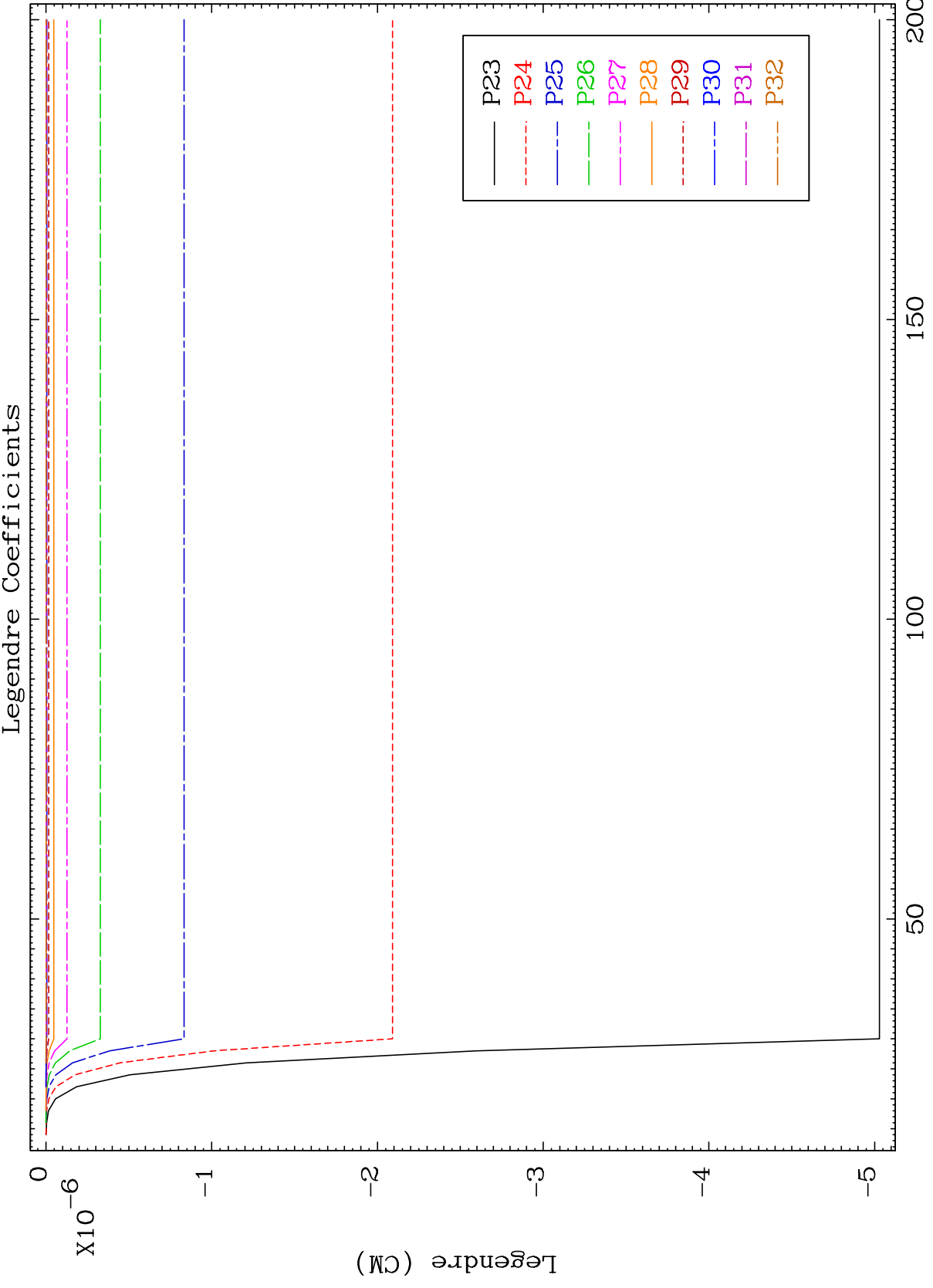
Incident Energy (MeV)

115

MAT 3052 MT= 80 (n,n') Level Legendre Coefficients 30-Zn-73



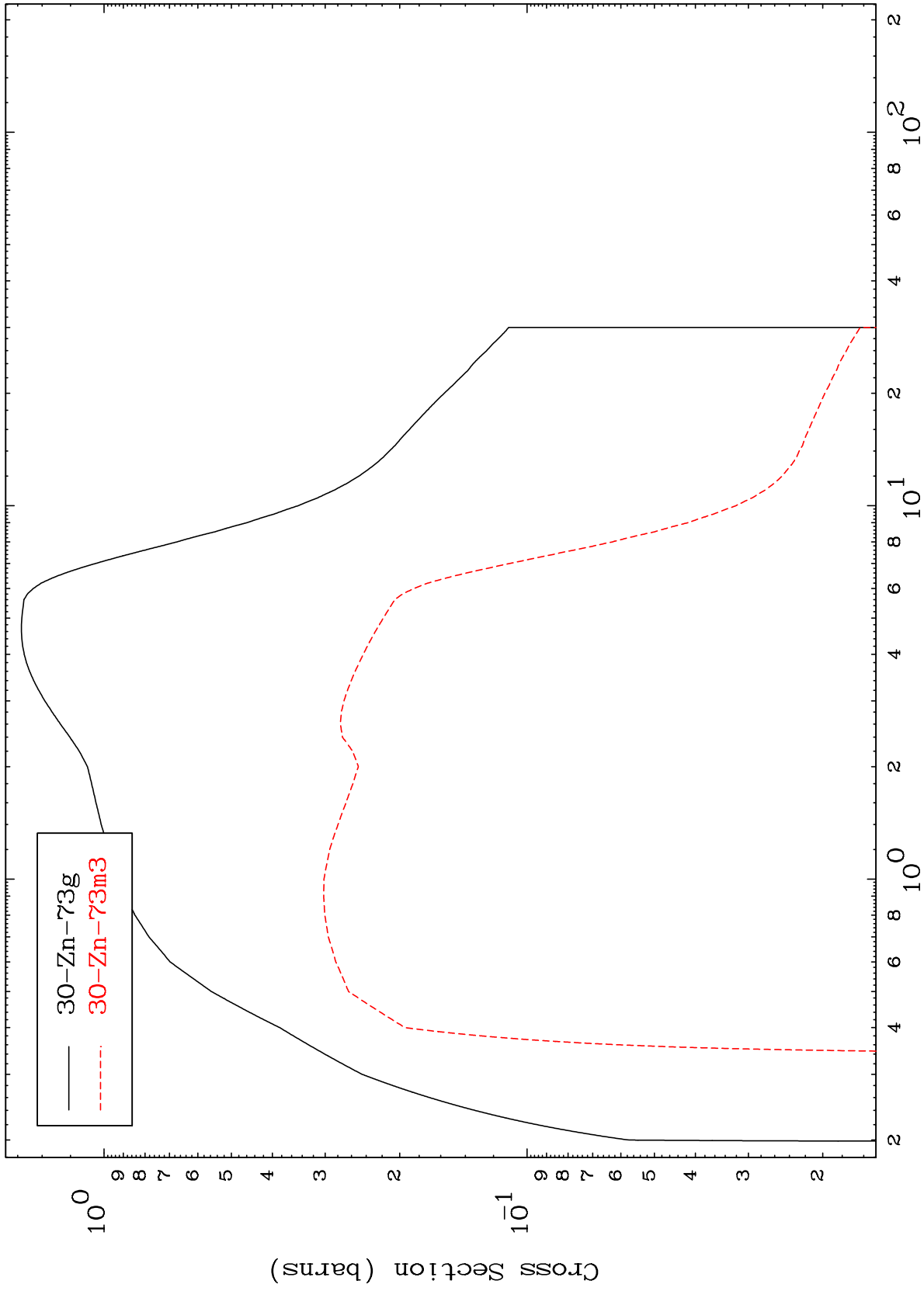
MAT 3052 MT= 80 (n, n') Level Legendre Coefficients 30-Zn-73



MAT 3052

³⁰Zn-73

Inelastic Radionuclide Production Cross Section



118

³⁰Zn-73

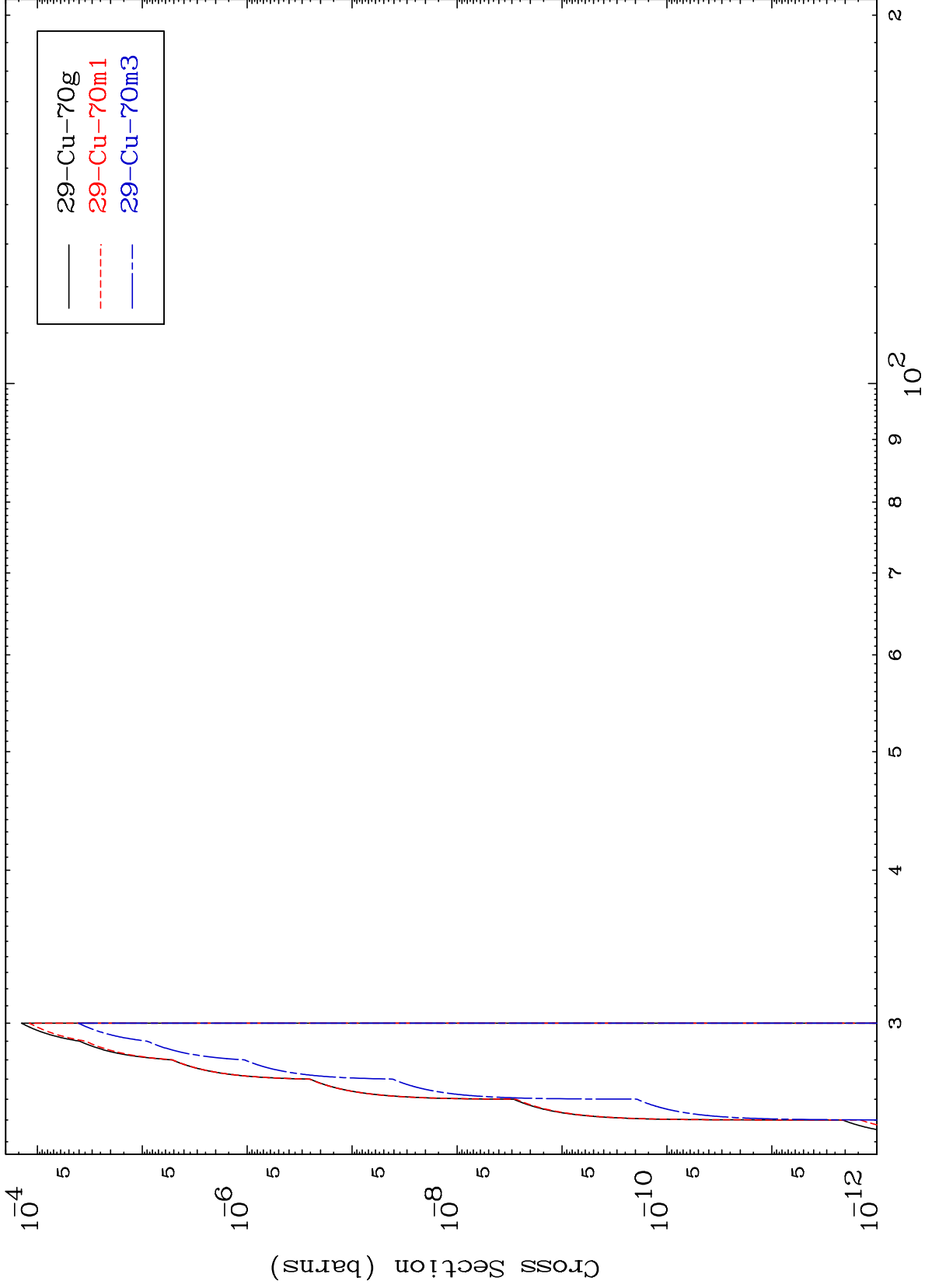
Incident Energy (MeV)

MAT 3052

(n,2n) d

30-Zn-73

Radionuclide Production Cross Section



119

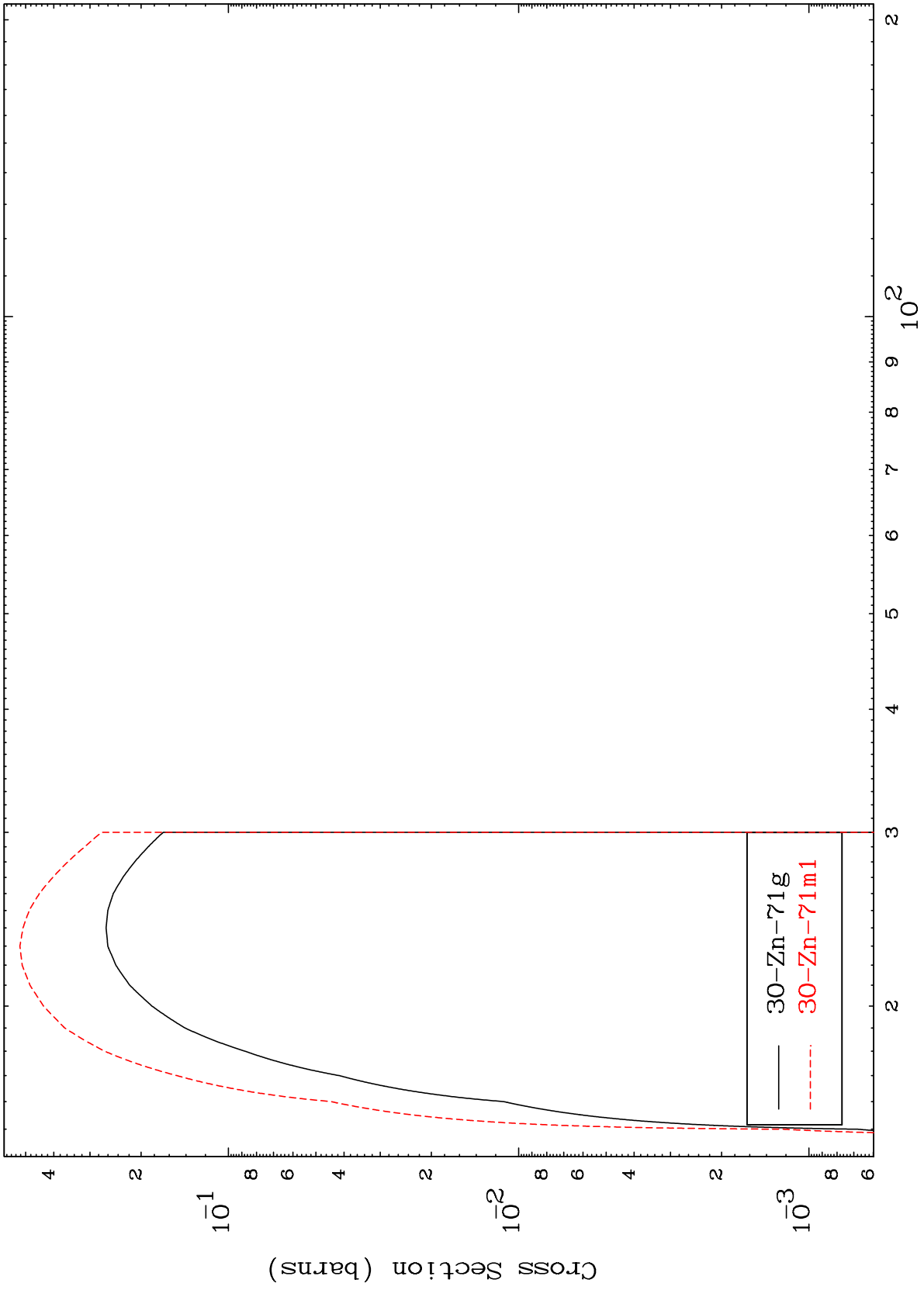
Incident Energy (MeV)

30-Zn-73

MAT 3052

30-Zn-73

(n,3n)
Radionuclide Production Cross Section



120

30-Zn-73

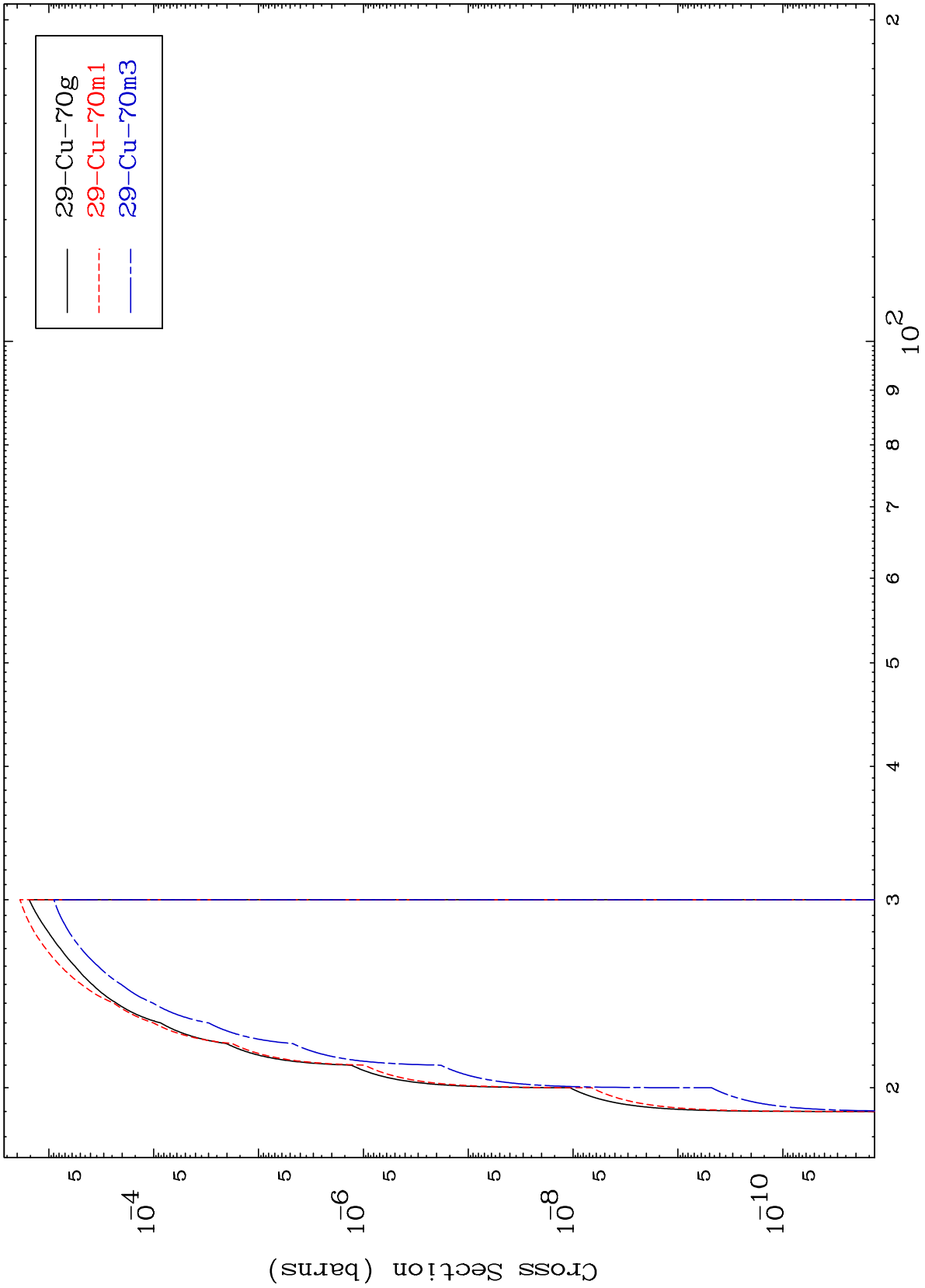
Incident Energy (MeV)

MAT 3052

(n,n') t

30-Zn-73

Radionuclide Production Cross Section



121

Incident Energy (MeV)

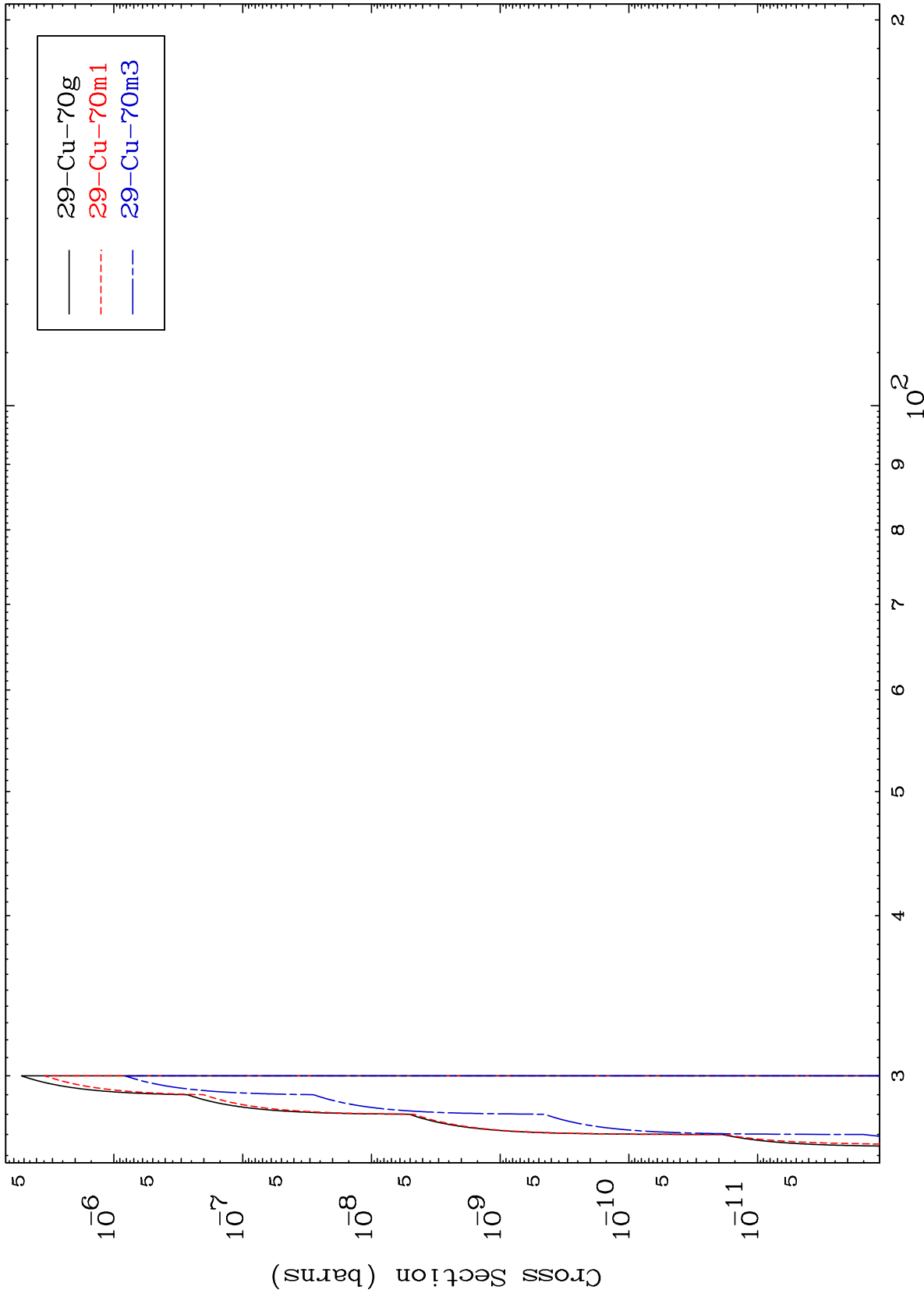
30-Zn-73

MAT 3052

(n,3n) p

³⁰Zn-73

Radionuclide Production Cross Section



122

Incident Energy (MeV)

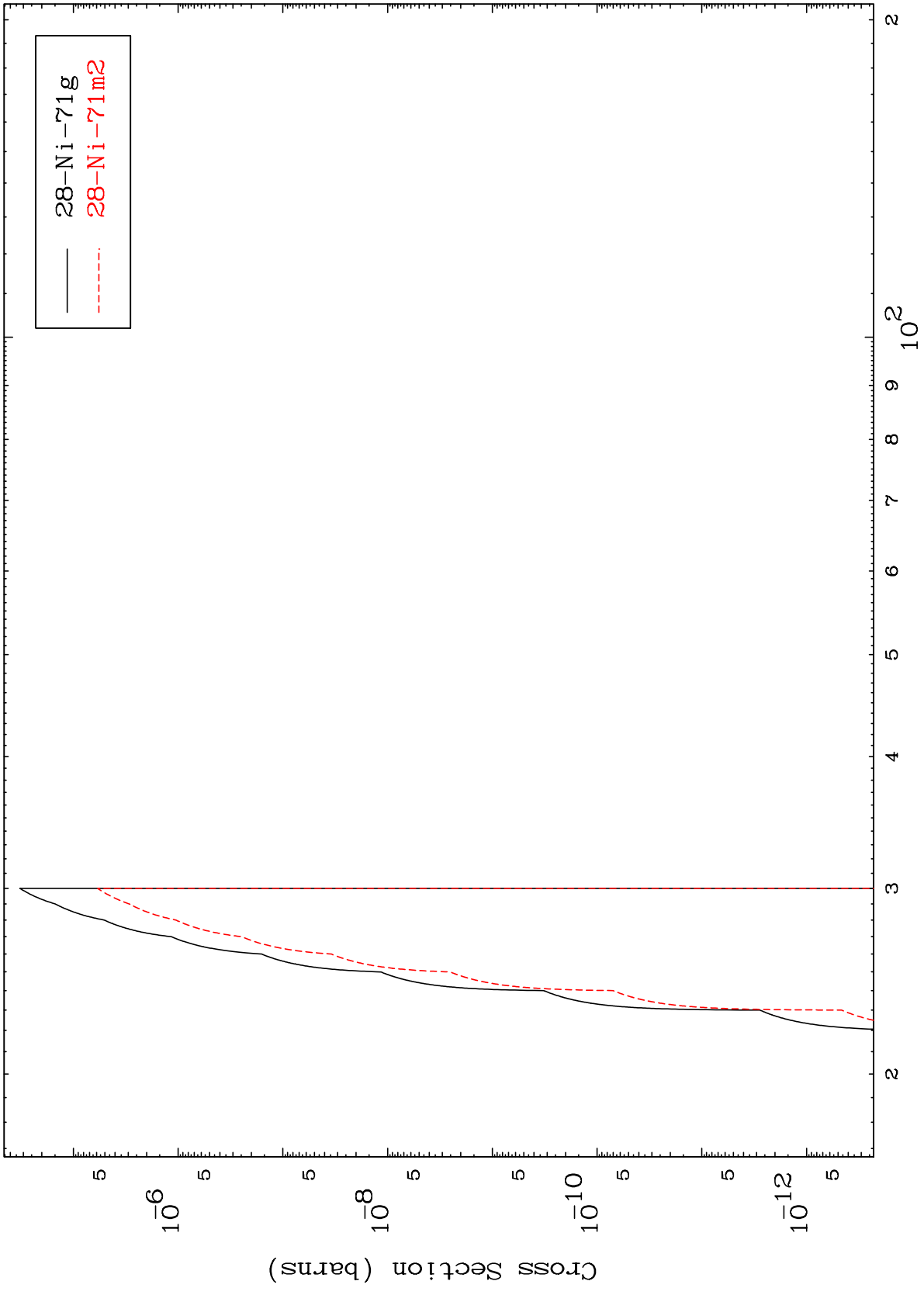
³⁰Zn-73

MAT 3052

(n, He-3)

30-Zn-73

Radionuclide Production Cross Section



123

Incident Energy (MeV)

30-Zn-73