

Program EVALPLOT
(Version 2017-1)

by

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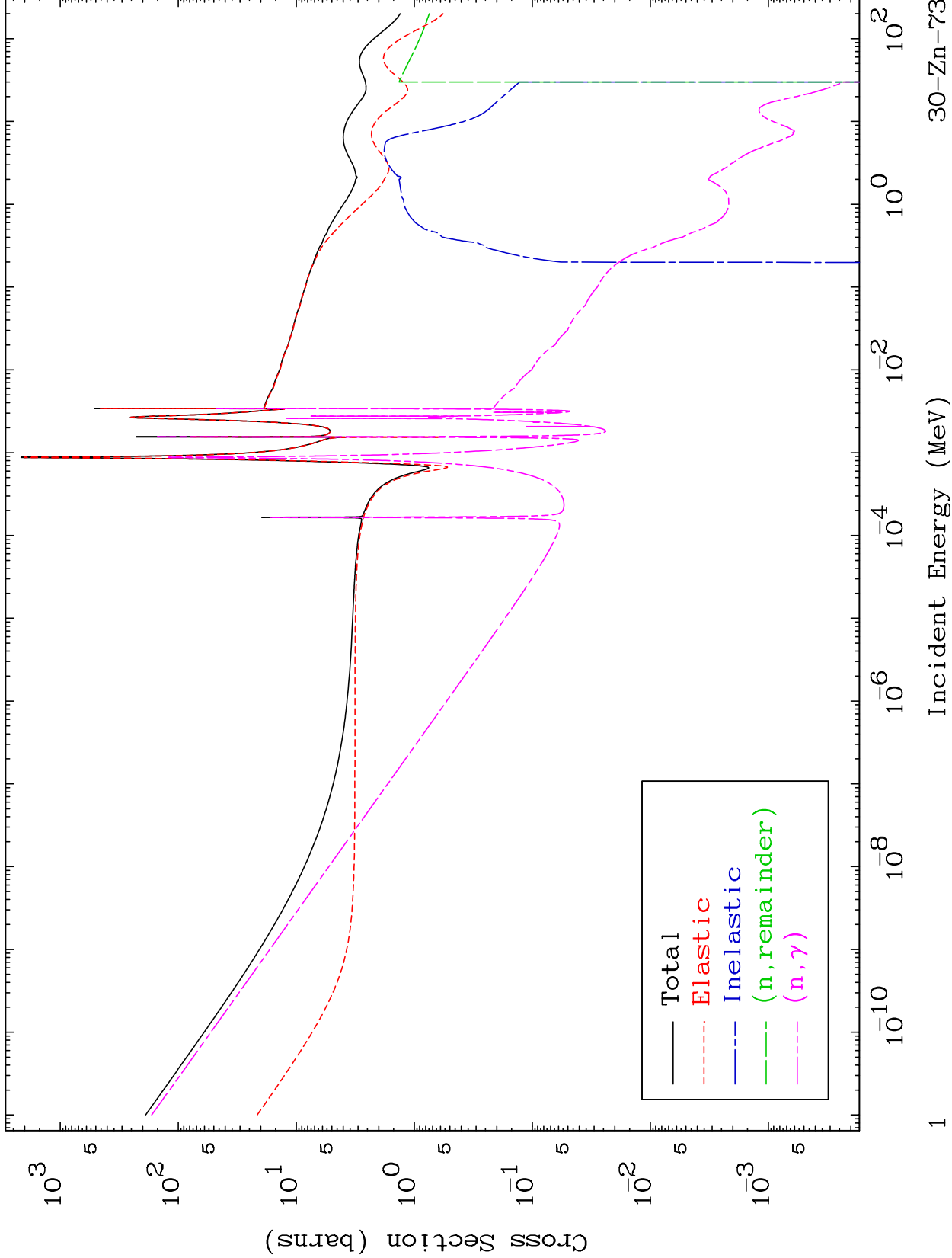
Press Mouse Button to Start

MAT 3052

Major

293 Kelvin Cross Sections

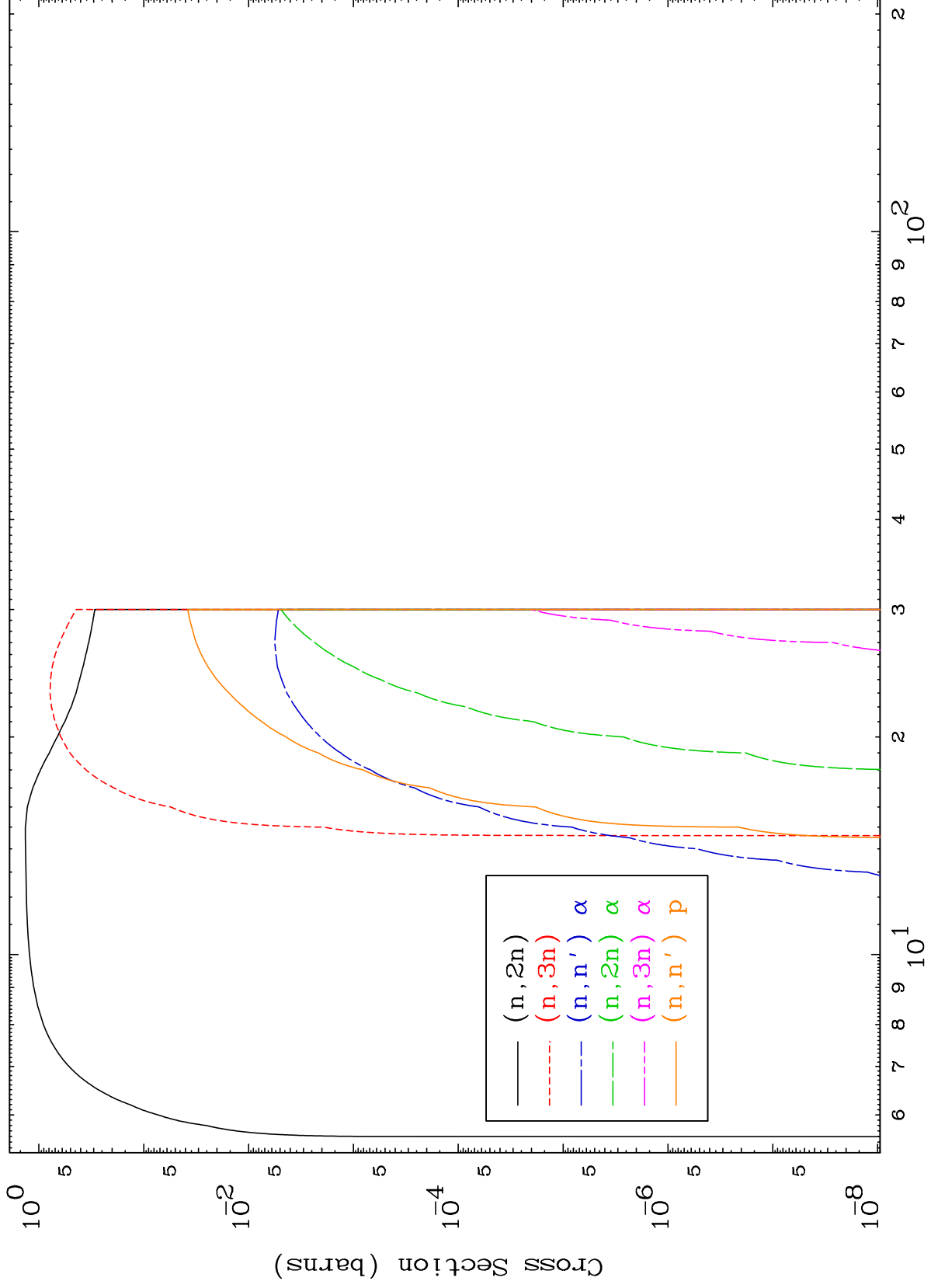
30-Zn-73

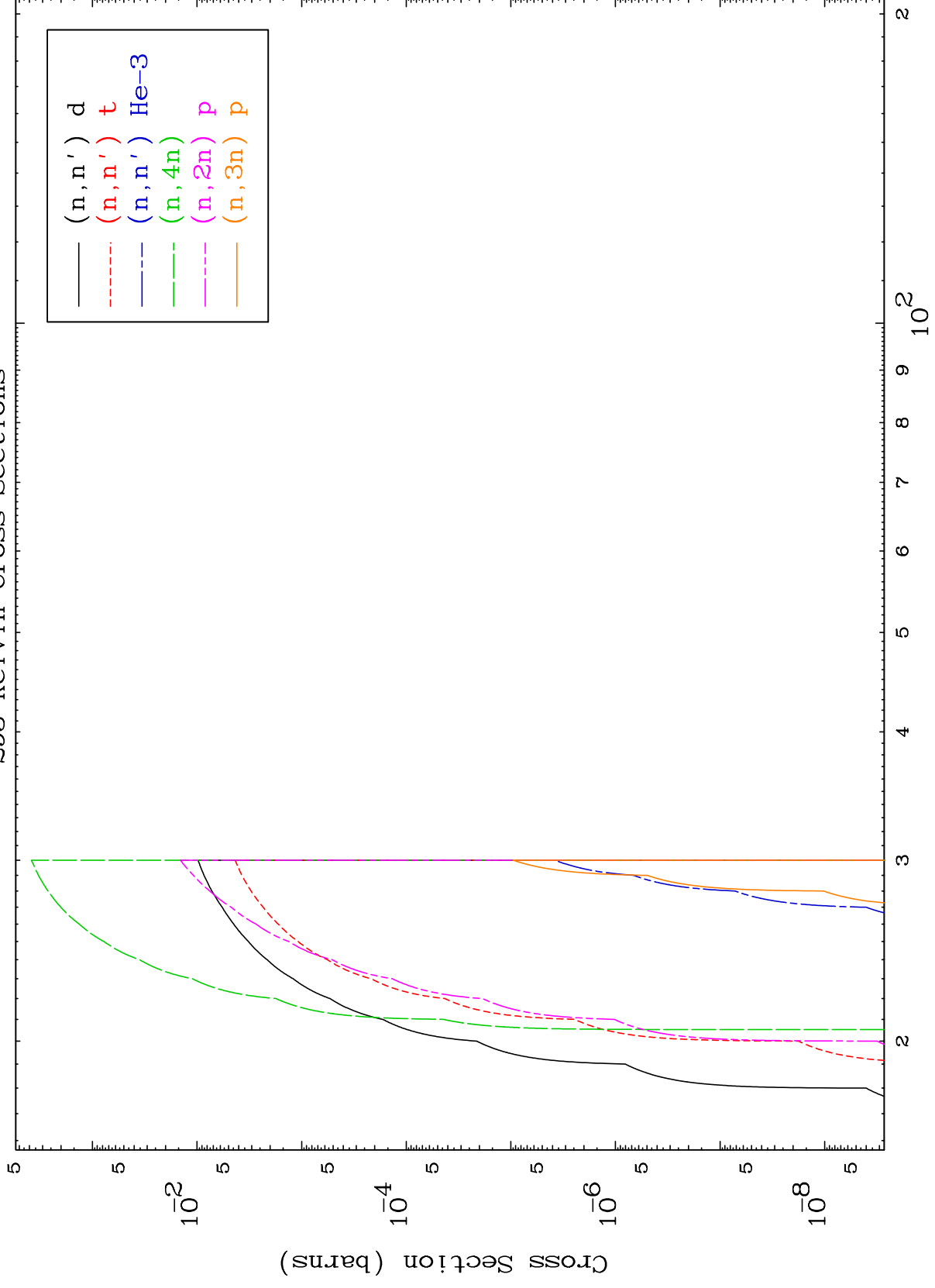


MAT 3052

Neutron Production
293 Kelvin Cross Sections

30-Zn-73

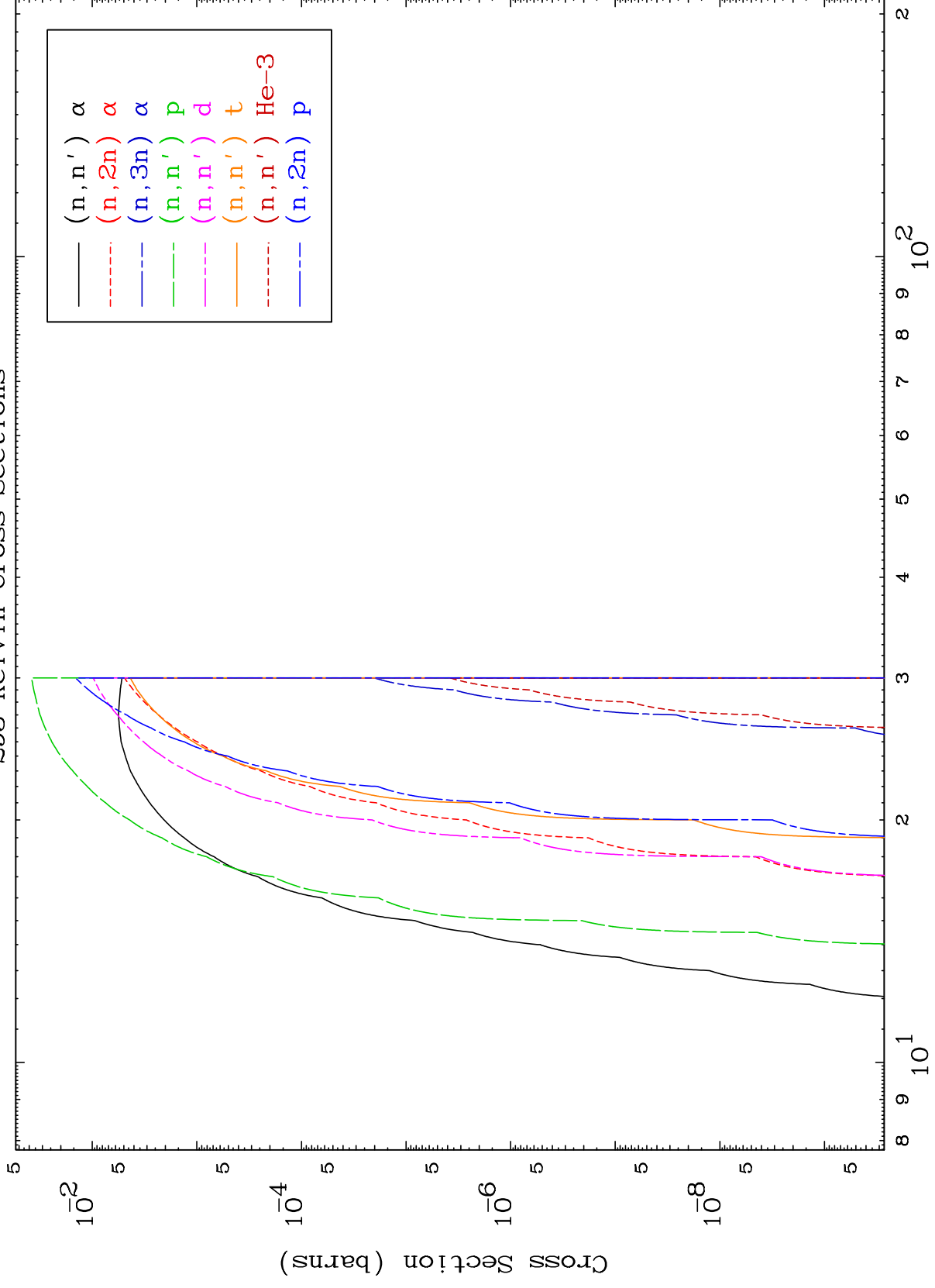




MAT 3052

Charged Particle 293 Kelvin Cross Sections

30-Zn-73



Incident Energy (MeV)

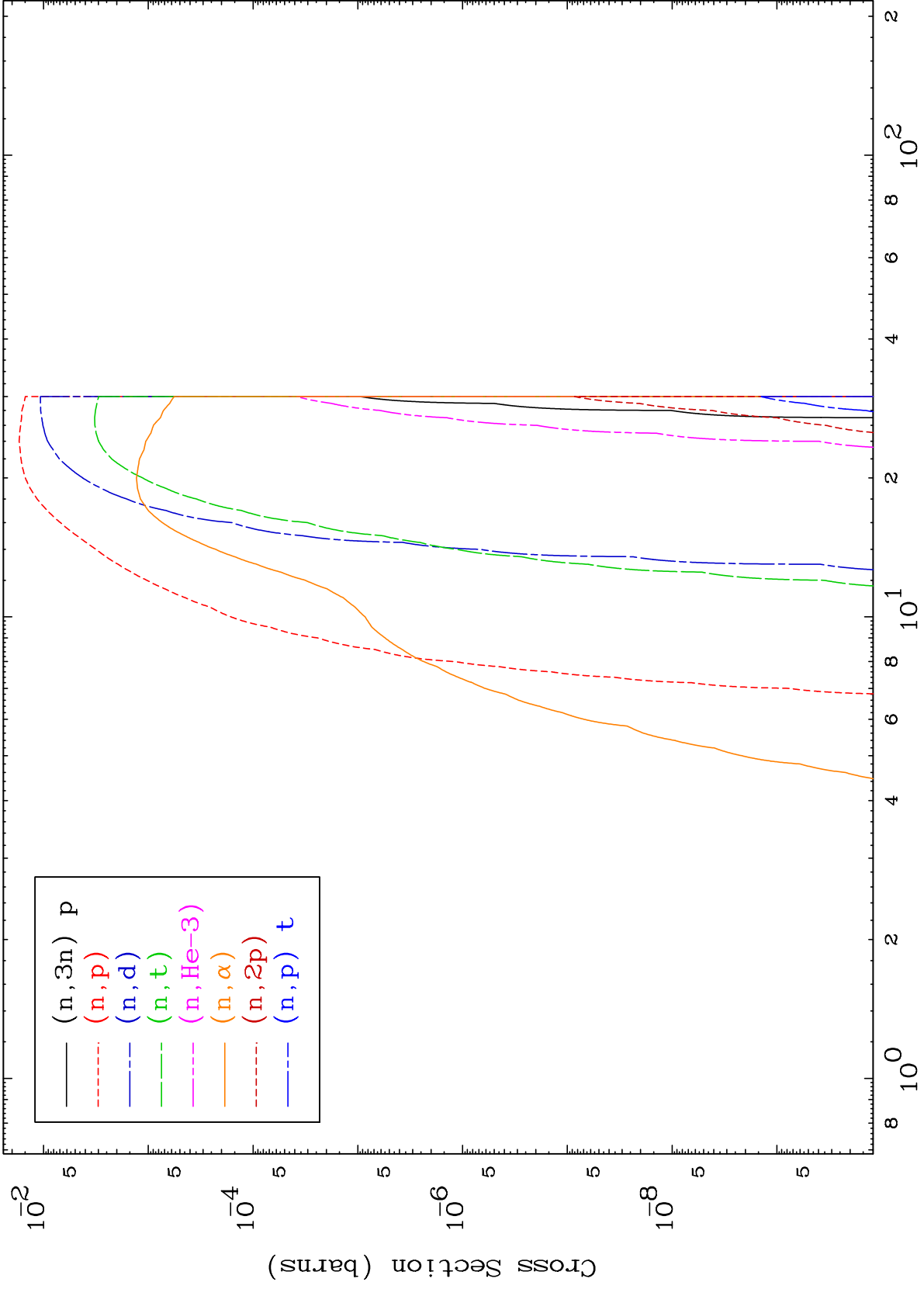
30-Zn-73

4

MAT 3052

Charged Particle
293 Kelvin Cross Sections

30-Zn-73



5

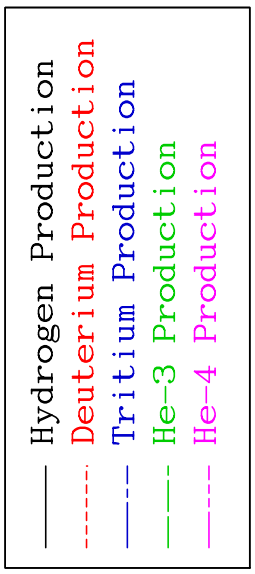
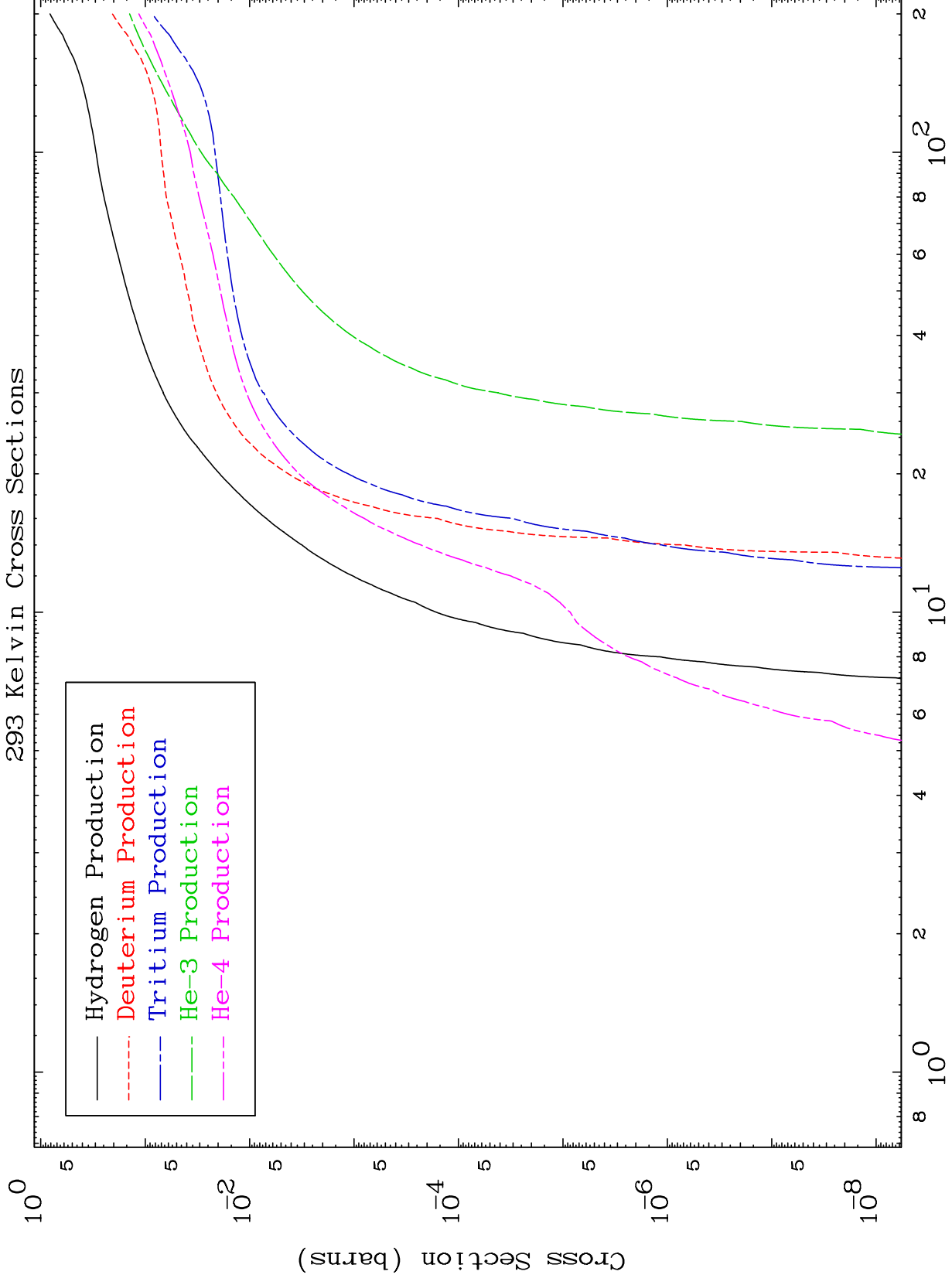
Incident Energy (MeV)

30-Zn-73

MAT 3052

Particle Production
293 Kelvin Cross Sections

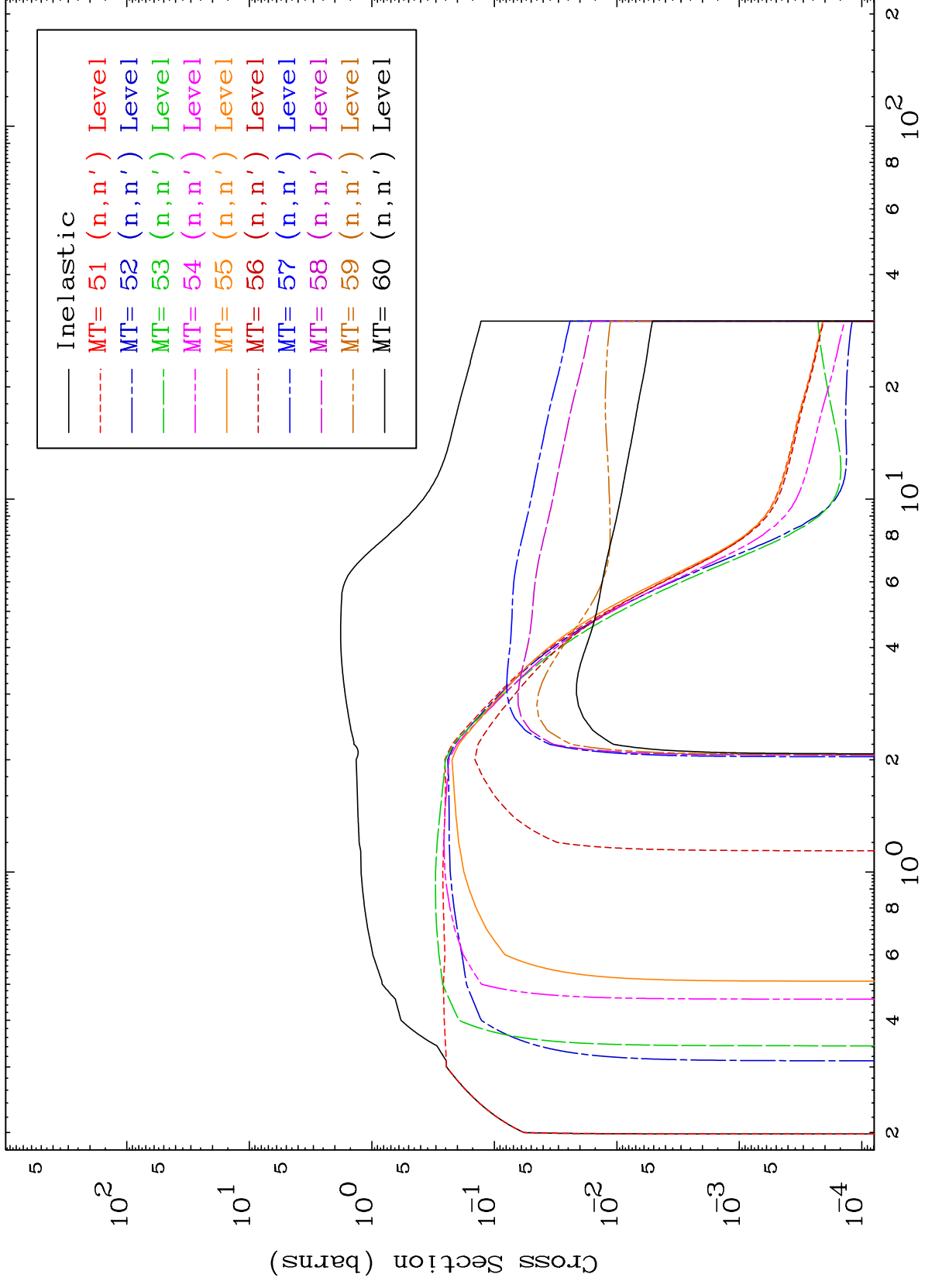
30-Zn-73



30-Zn-73

Incident Energy (MeV)

6

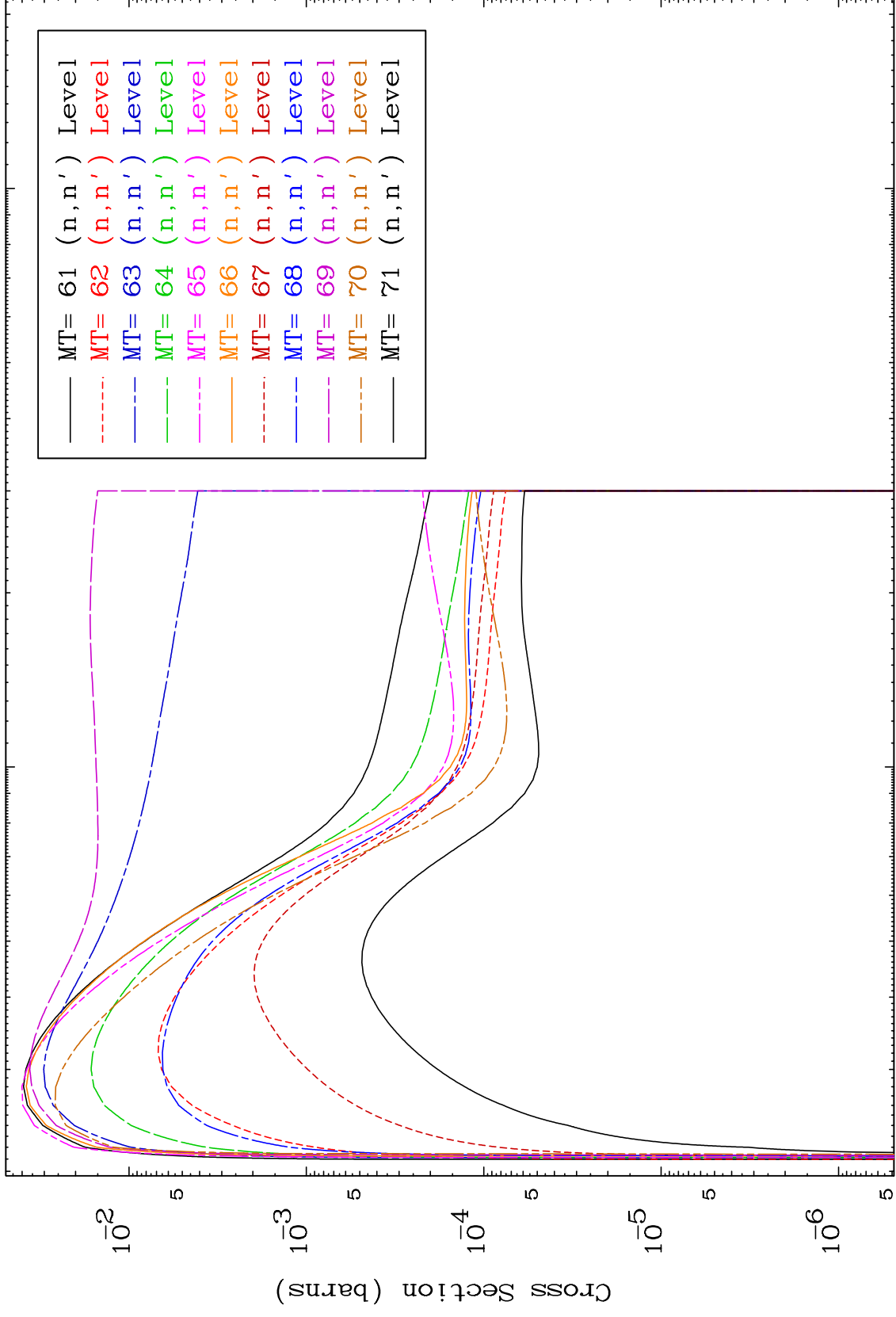


MAT 3052

(n,n') Level

30-Zn-73

293 Kelvin Cross Sections



Line Style	MT=	Level	Color
Solid	61	(n, n') Level	Black
Dashed	62	(n, n') Level	Red
Dash-dot	63	(n, n') Level	Blue
Dotted	64	(n, n') Level	Green
Long Dash	65	(n, n') Level	Magenta
Short Dash	66	(n, n') Level	Orange
Long Dash	67	(n, n') Level	Yellow
Short Dash	68	(n, n') Level	Dark Blue
Long Dash	69	(n, n') Level	Purple
Short Dash	70	(n, n') Level	Brown
Solid	71	(n, n') Level	Black

8

Incident Energy (MeV)

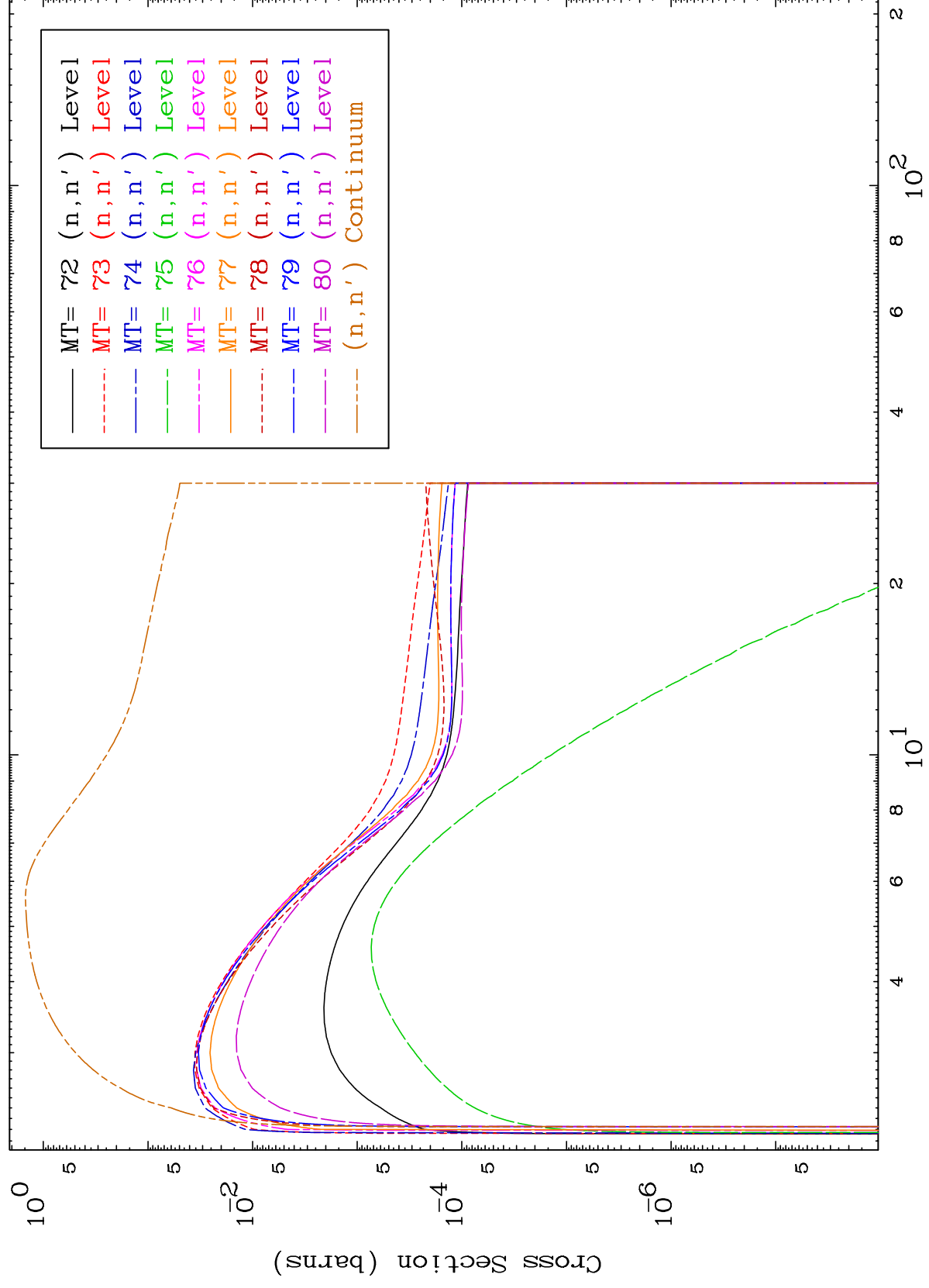
30-Zn-73

MAT 3052

(n,n') Level

293 Kelvin Cross Sections

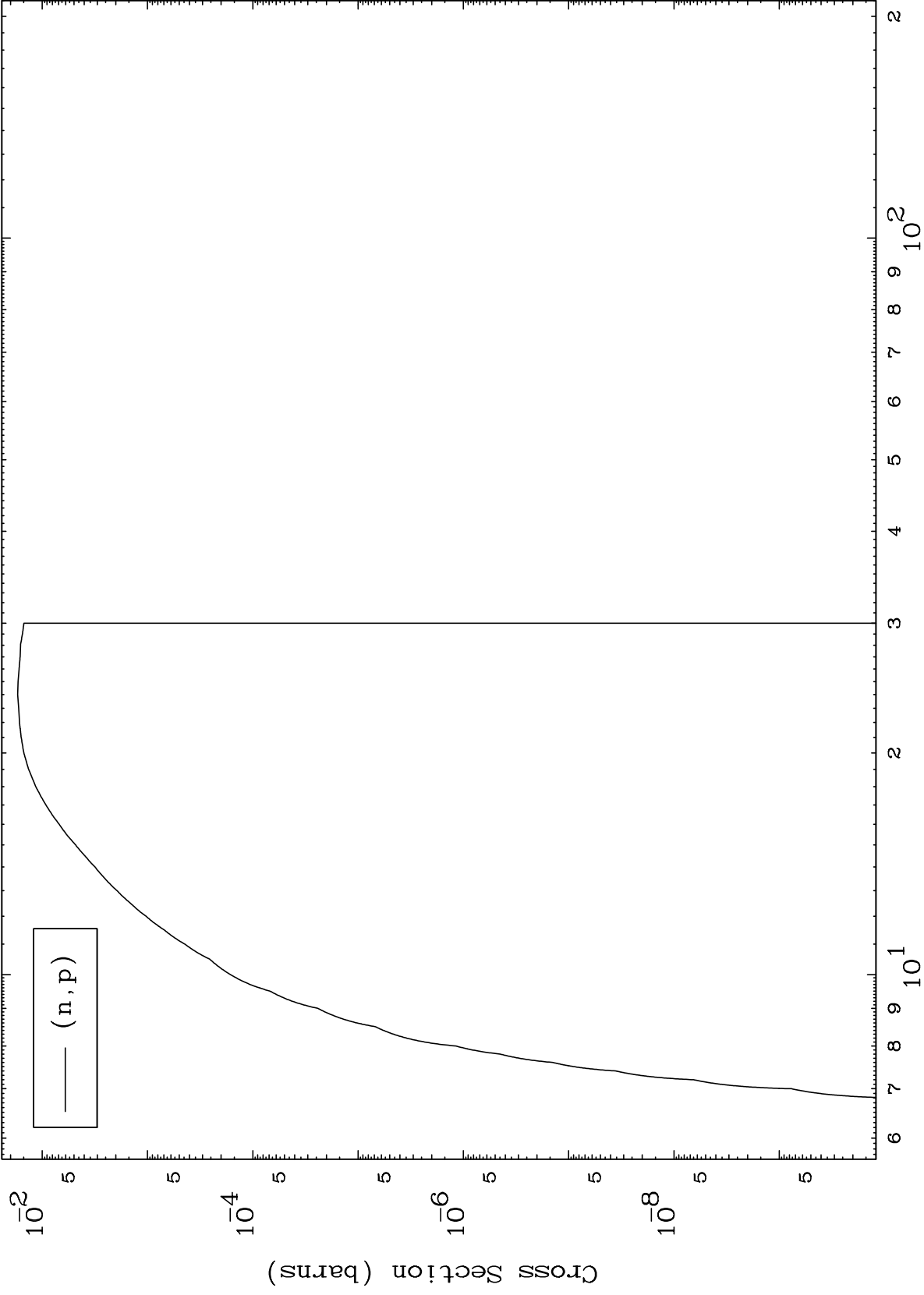
30-Zn-73



MAT 3052

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-73



10

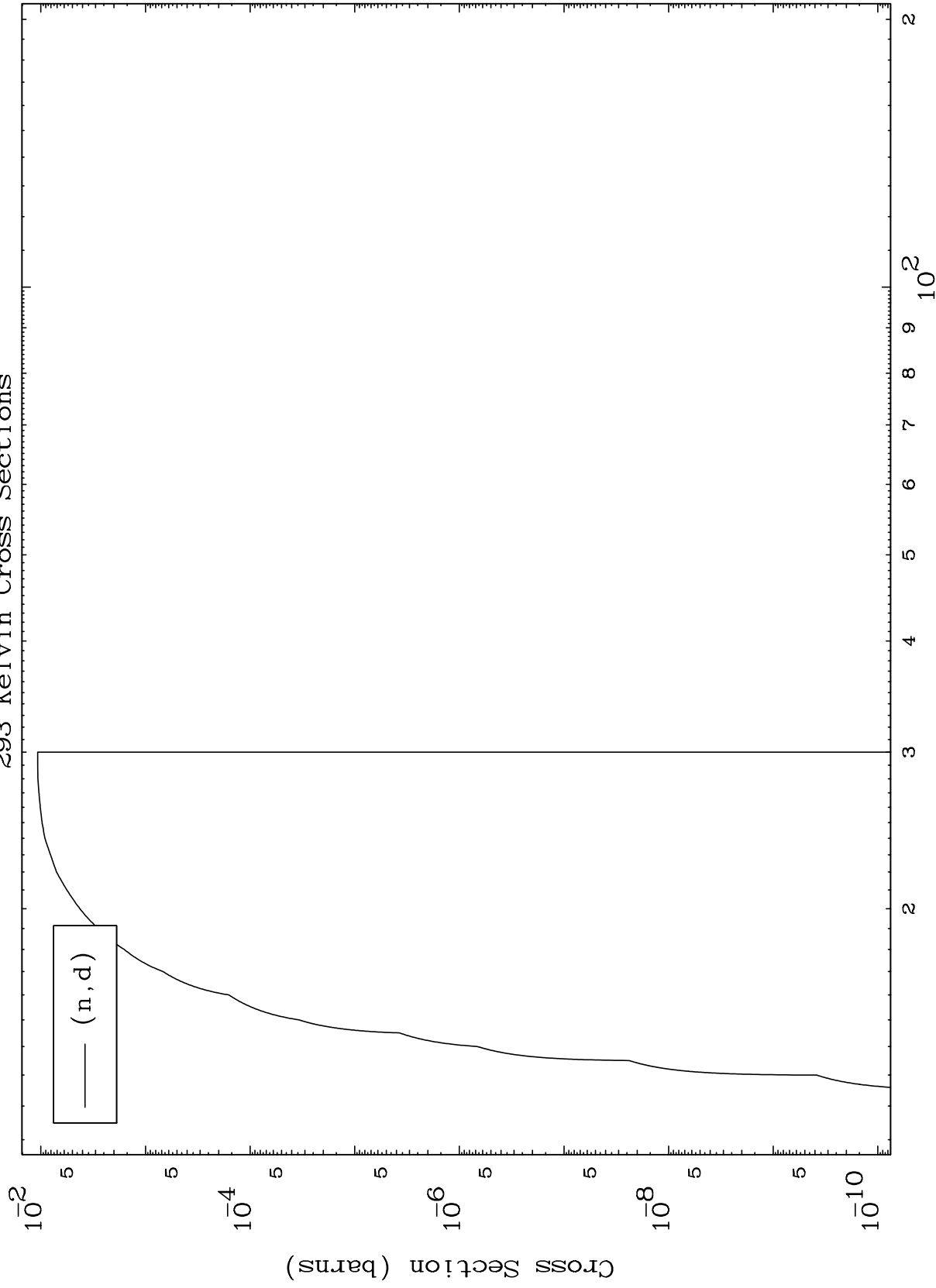
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,d) Levels
293 Kelvin Cross Sections

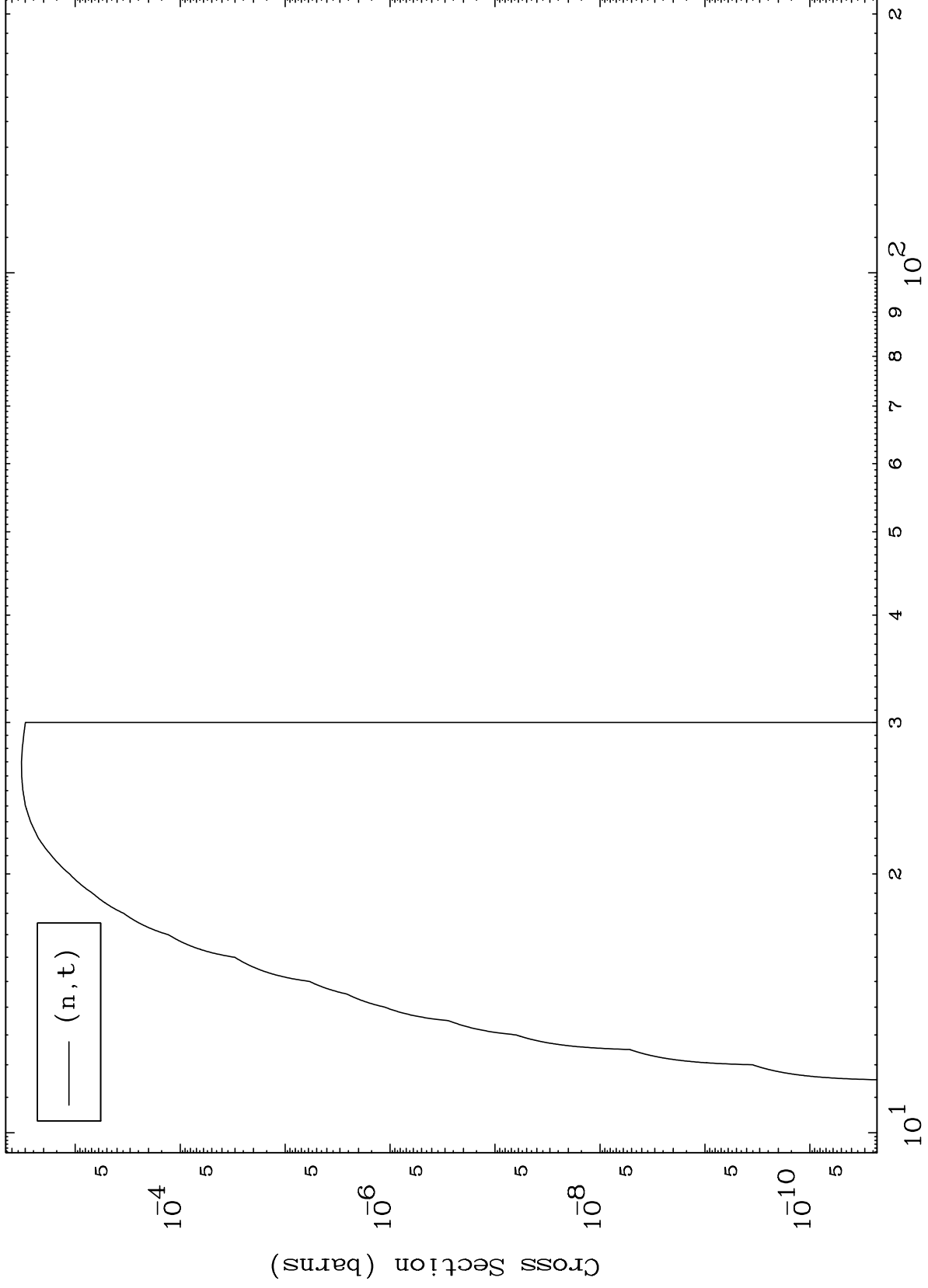
30-Zn-73



MAT 3052

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-73



12

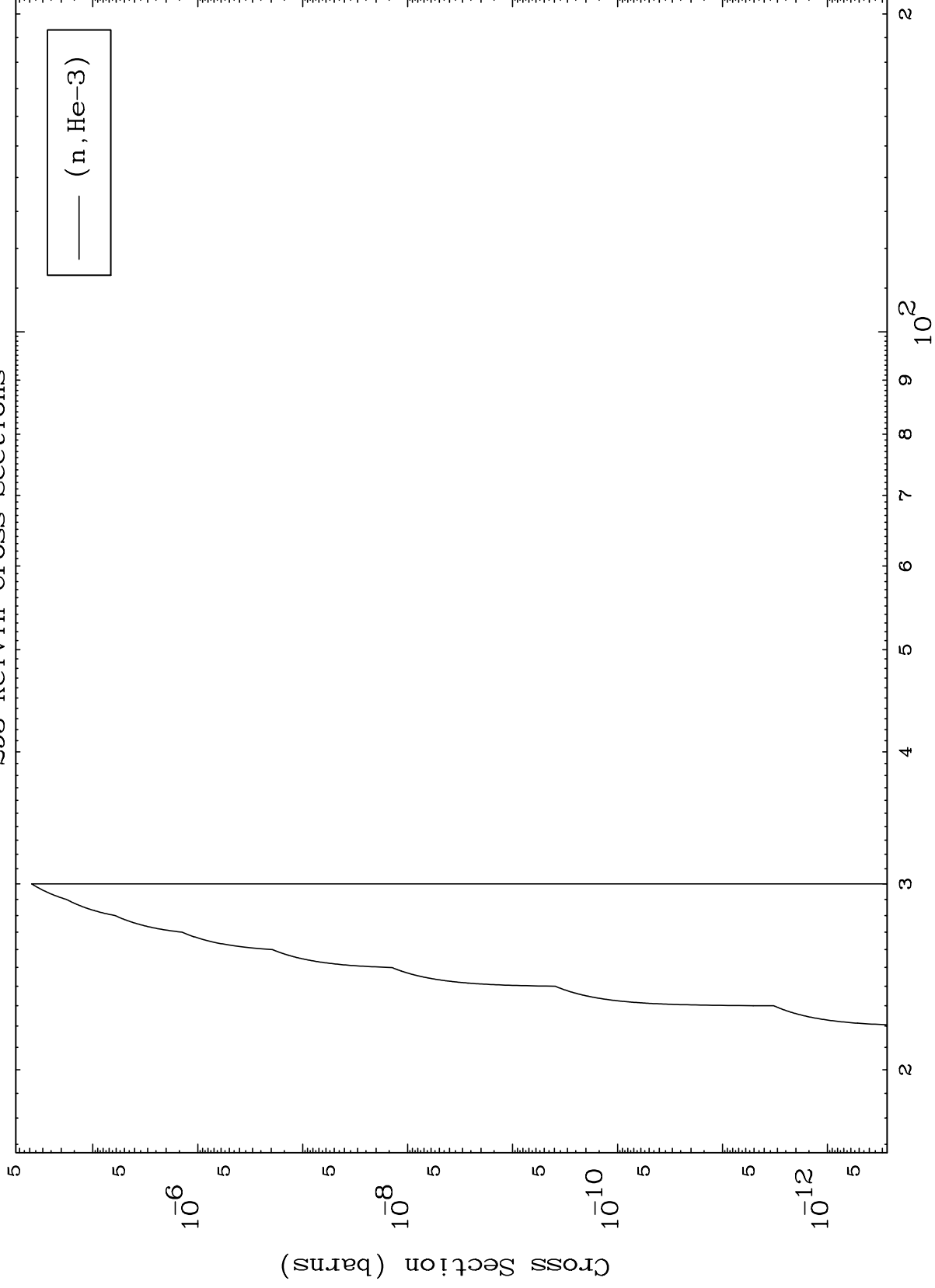
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-73



13

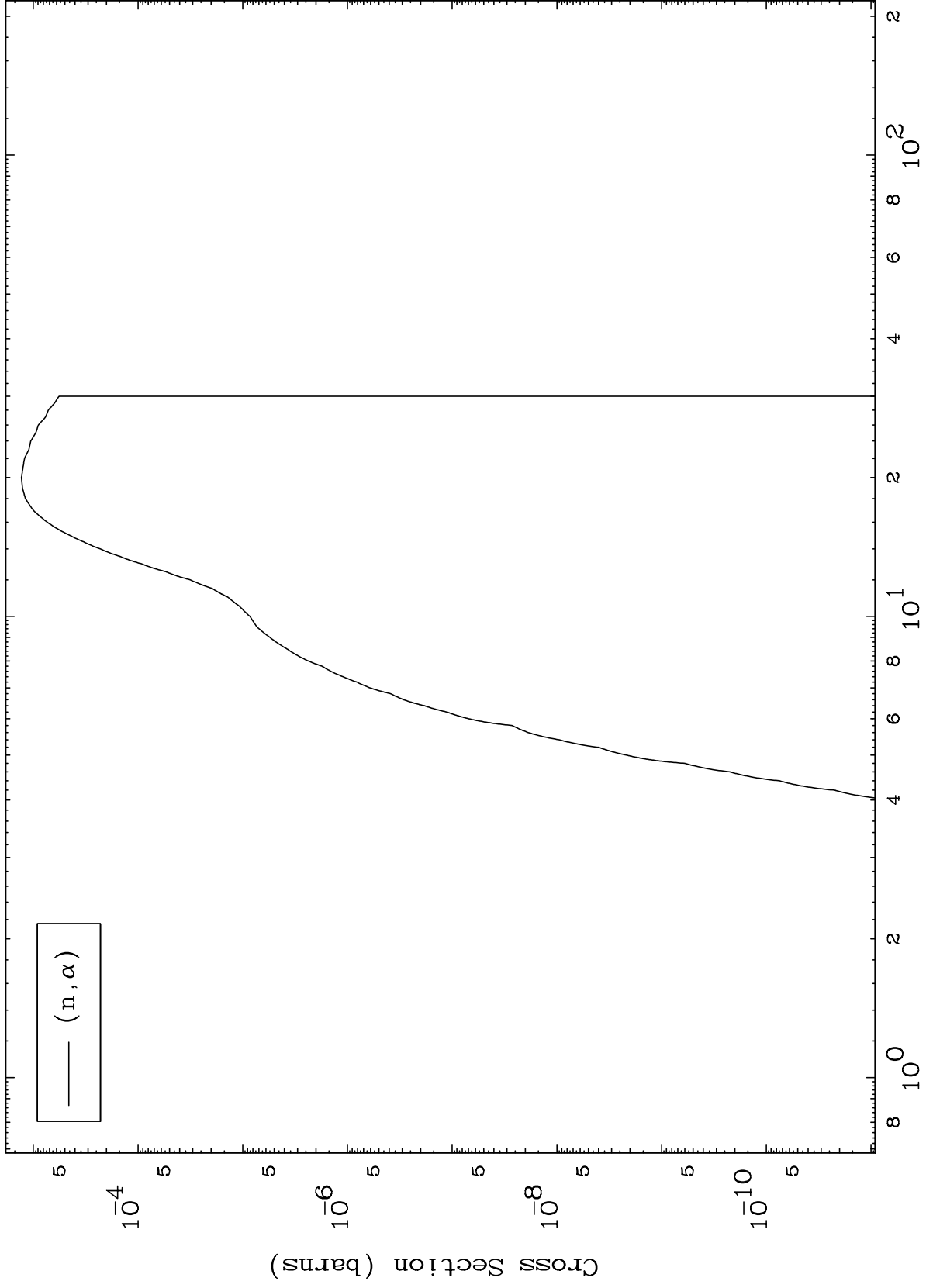
Incident Energy (MeV)

30-Zn-73

MAT 3052

(n,α) Levels
293 Kelvin Cross Sections

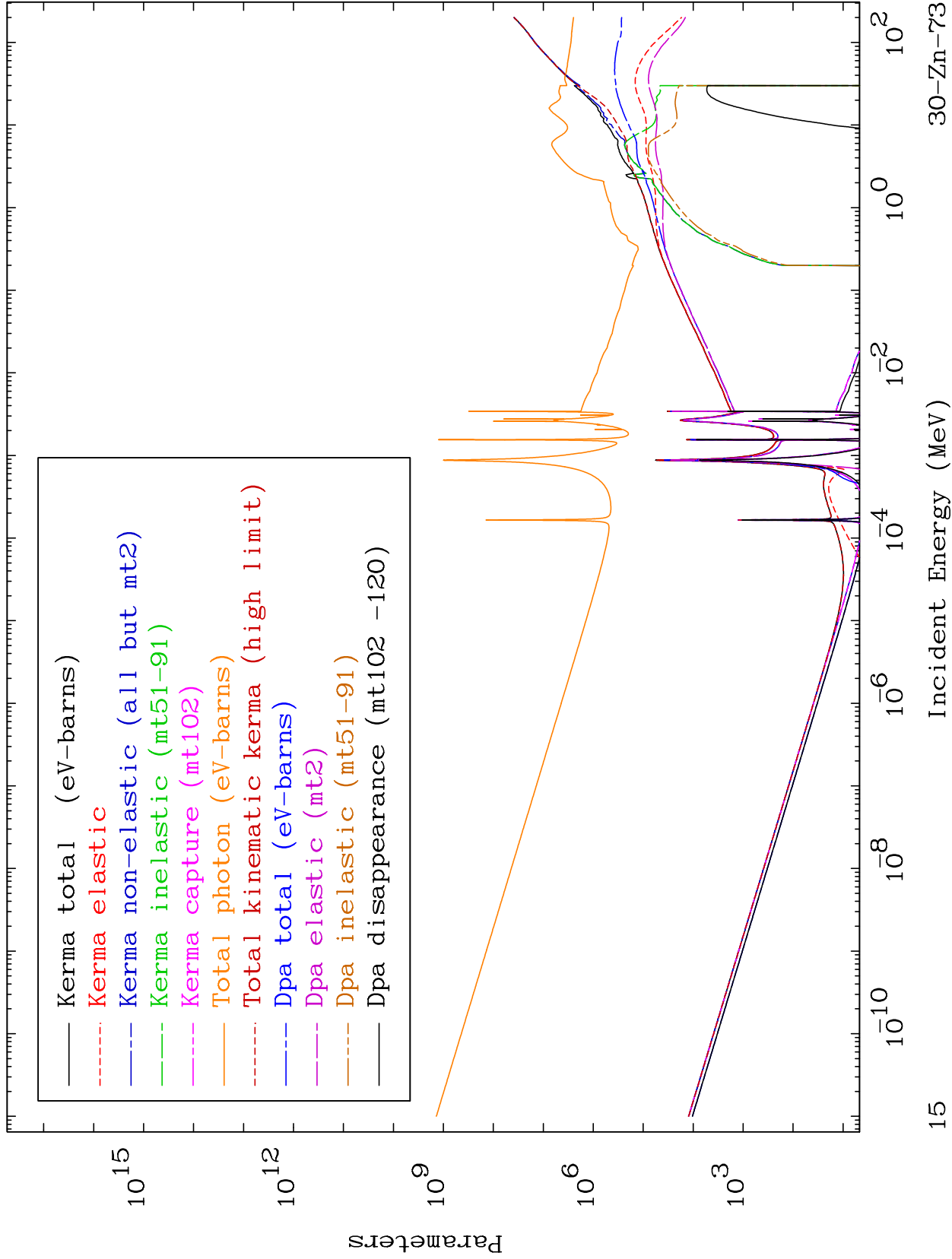
30-Zn-73



14

Incident Energy (MeV)

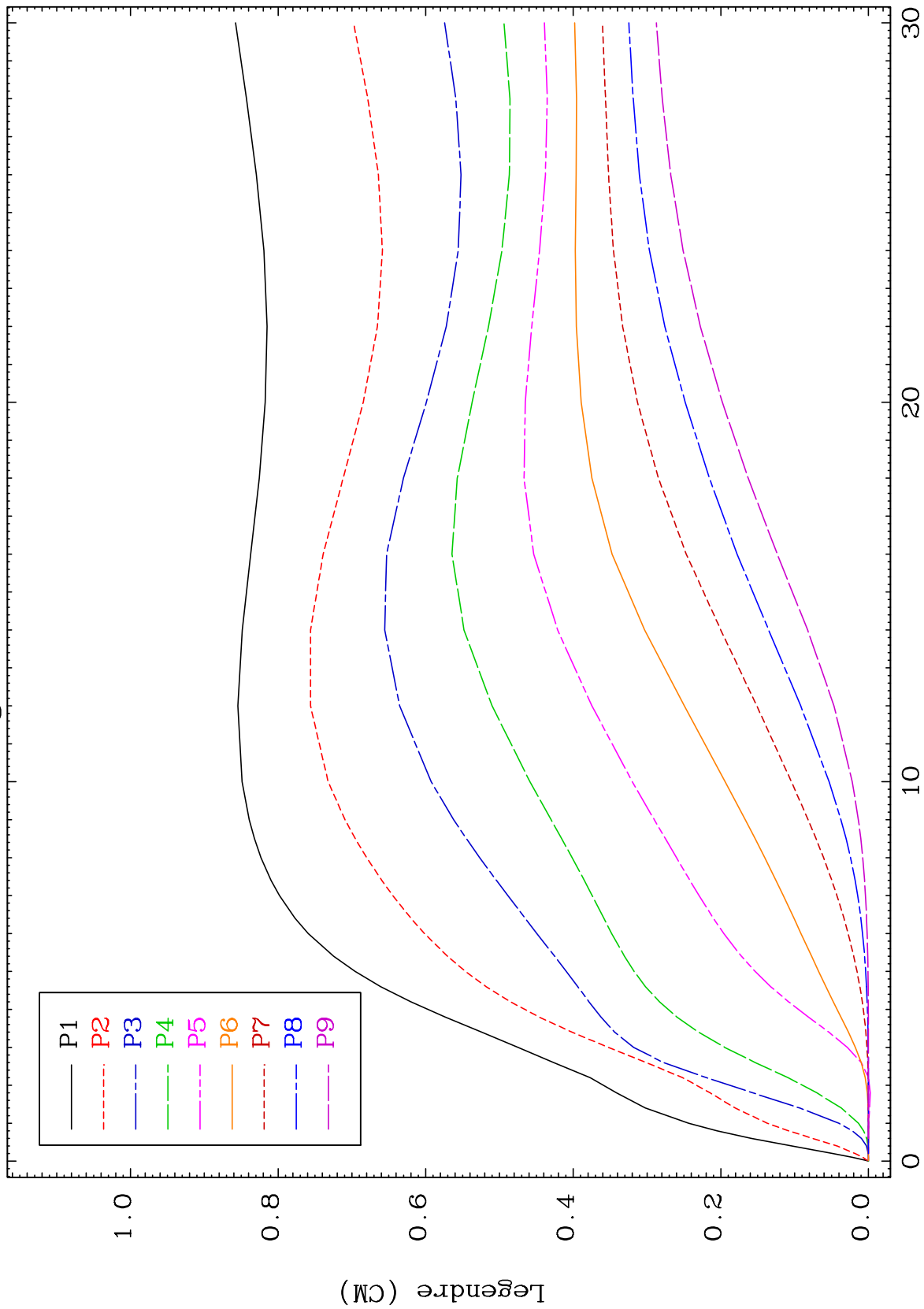
30-Zn-73



MAT 3052

Elastic Legendre Coefficients

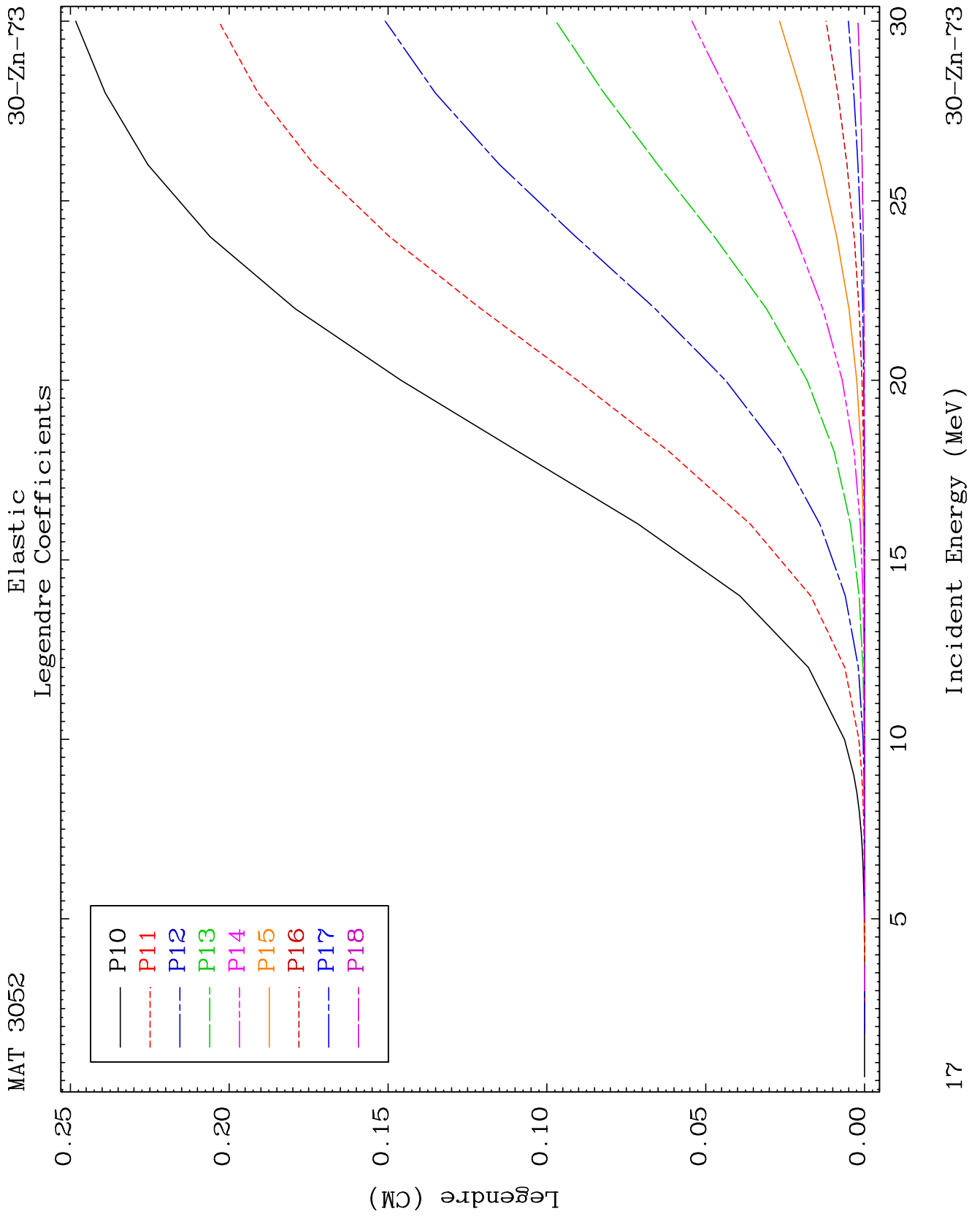
30-Zn-73

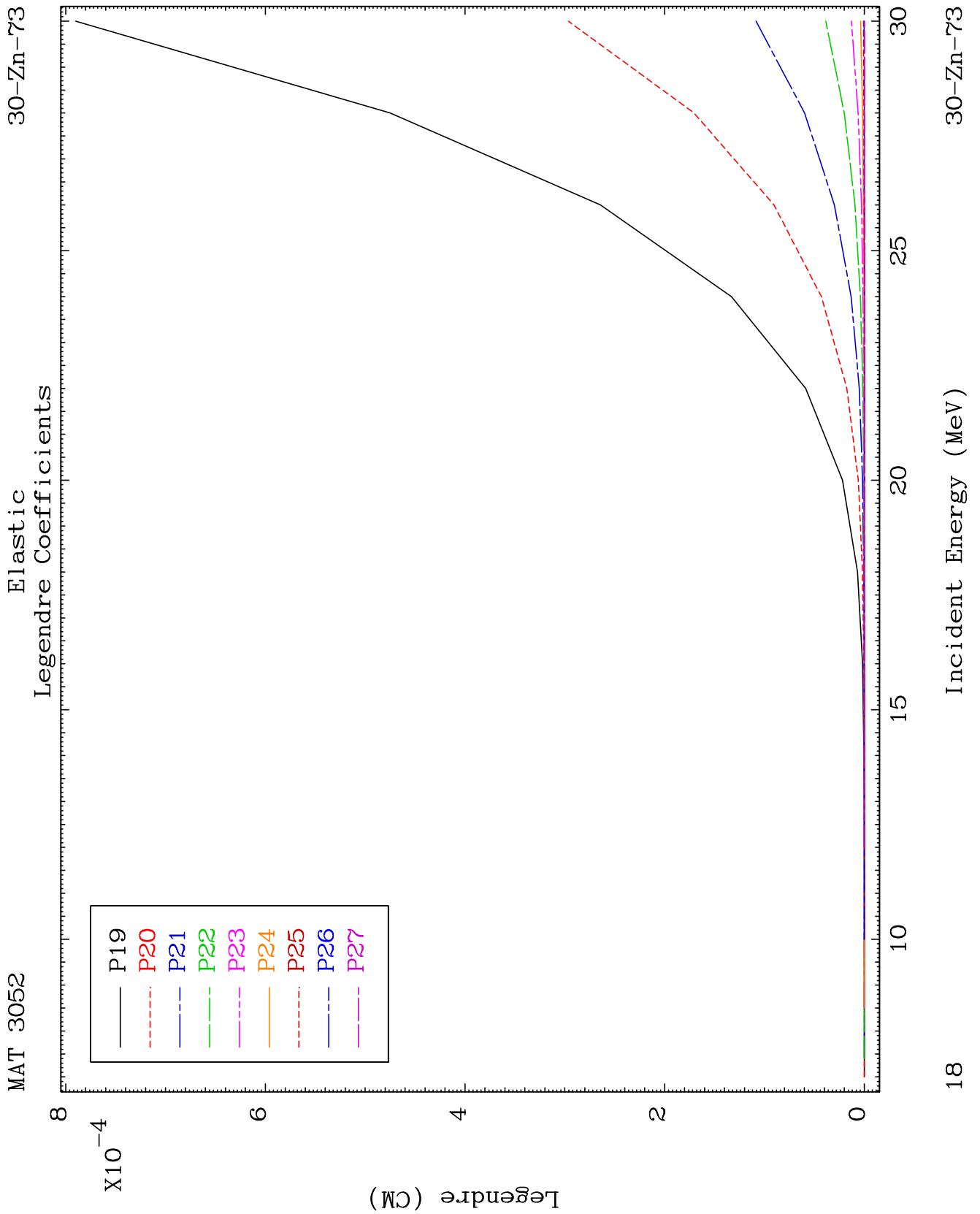


16

Incident Energy (MeV)

30-Zn-73

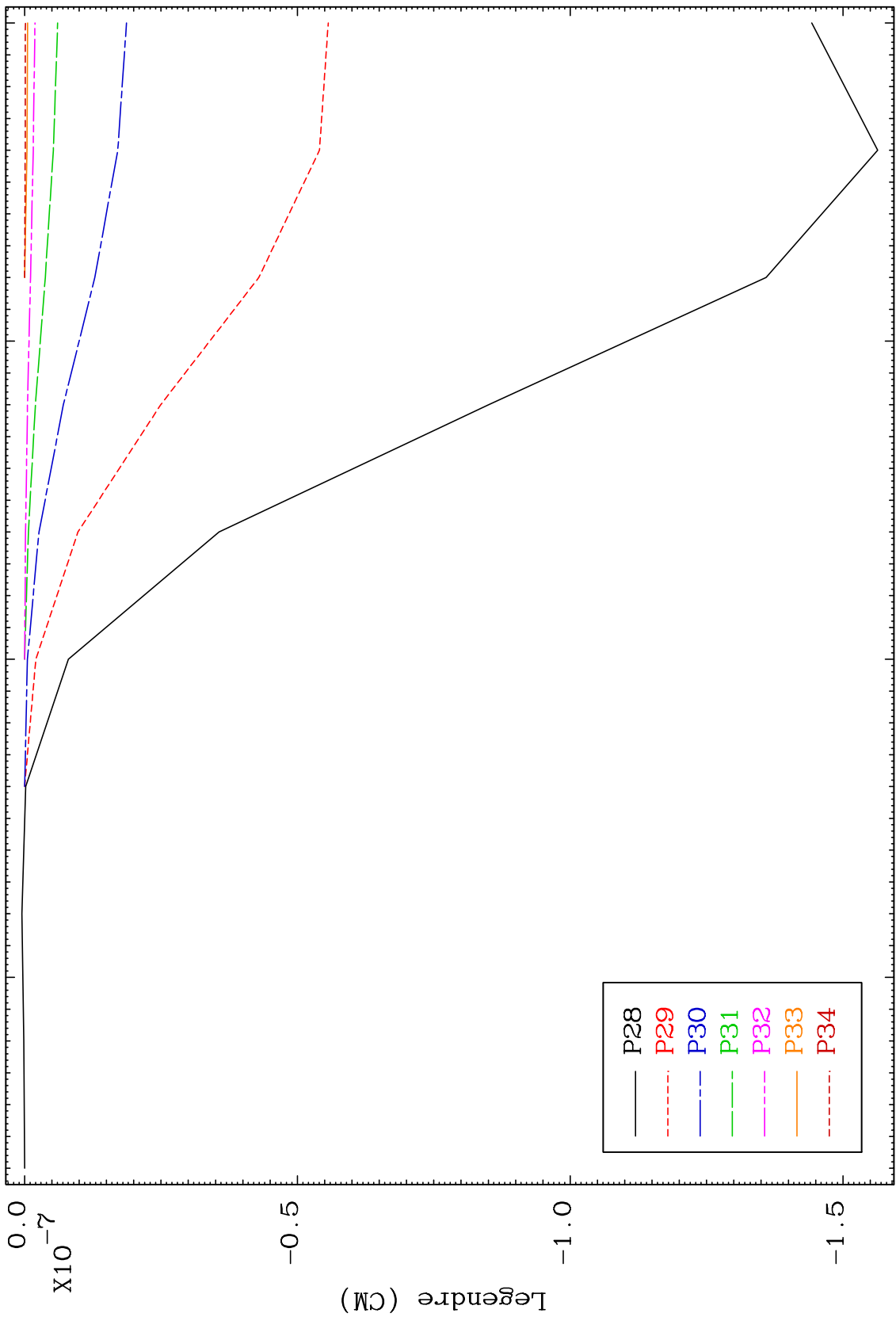




MAT 3052

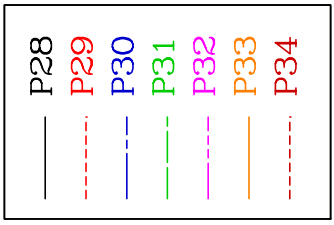
30-Zn-73

Elastic Legendre Coefficients



10^{-7}

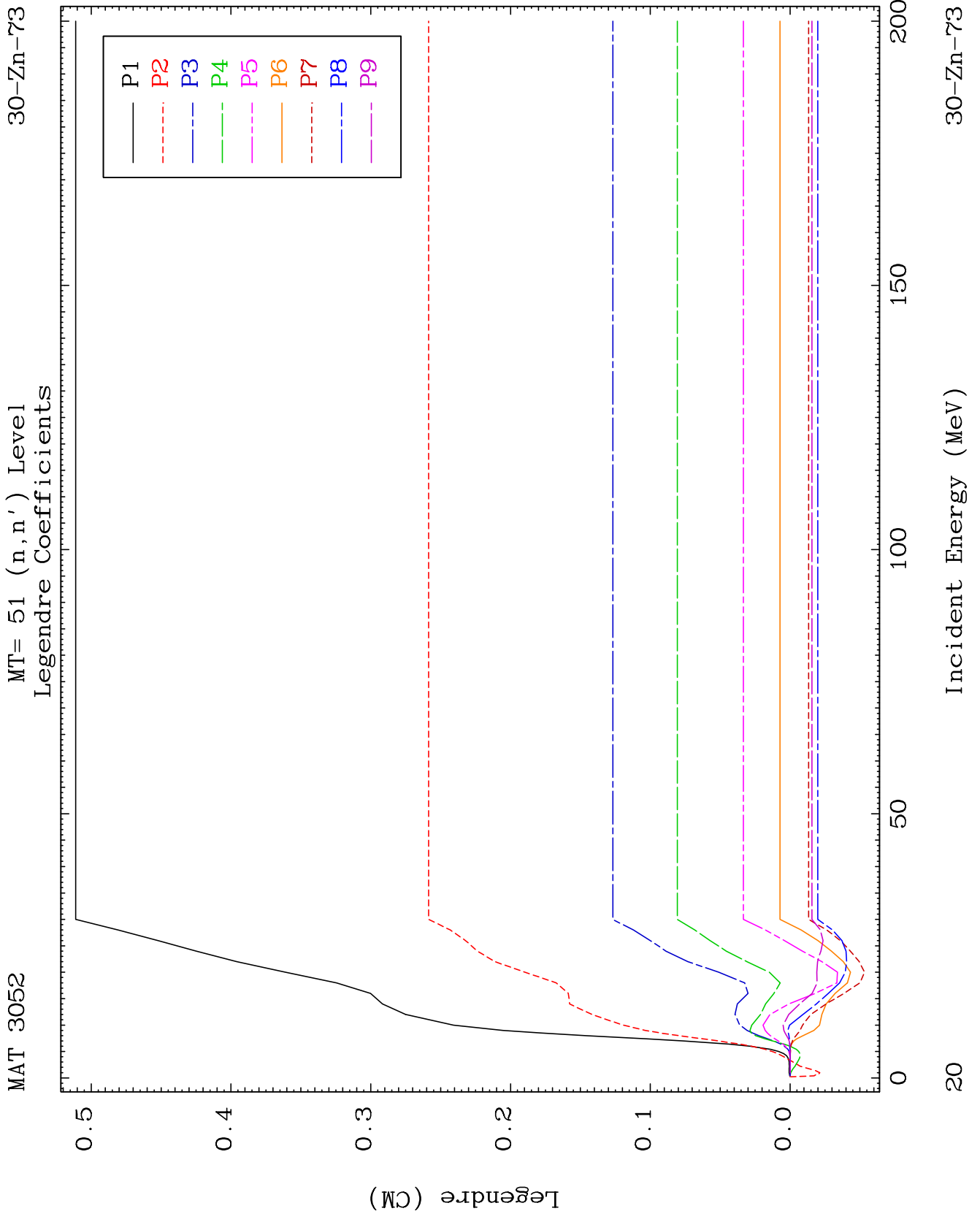
Legendre (CM)

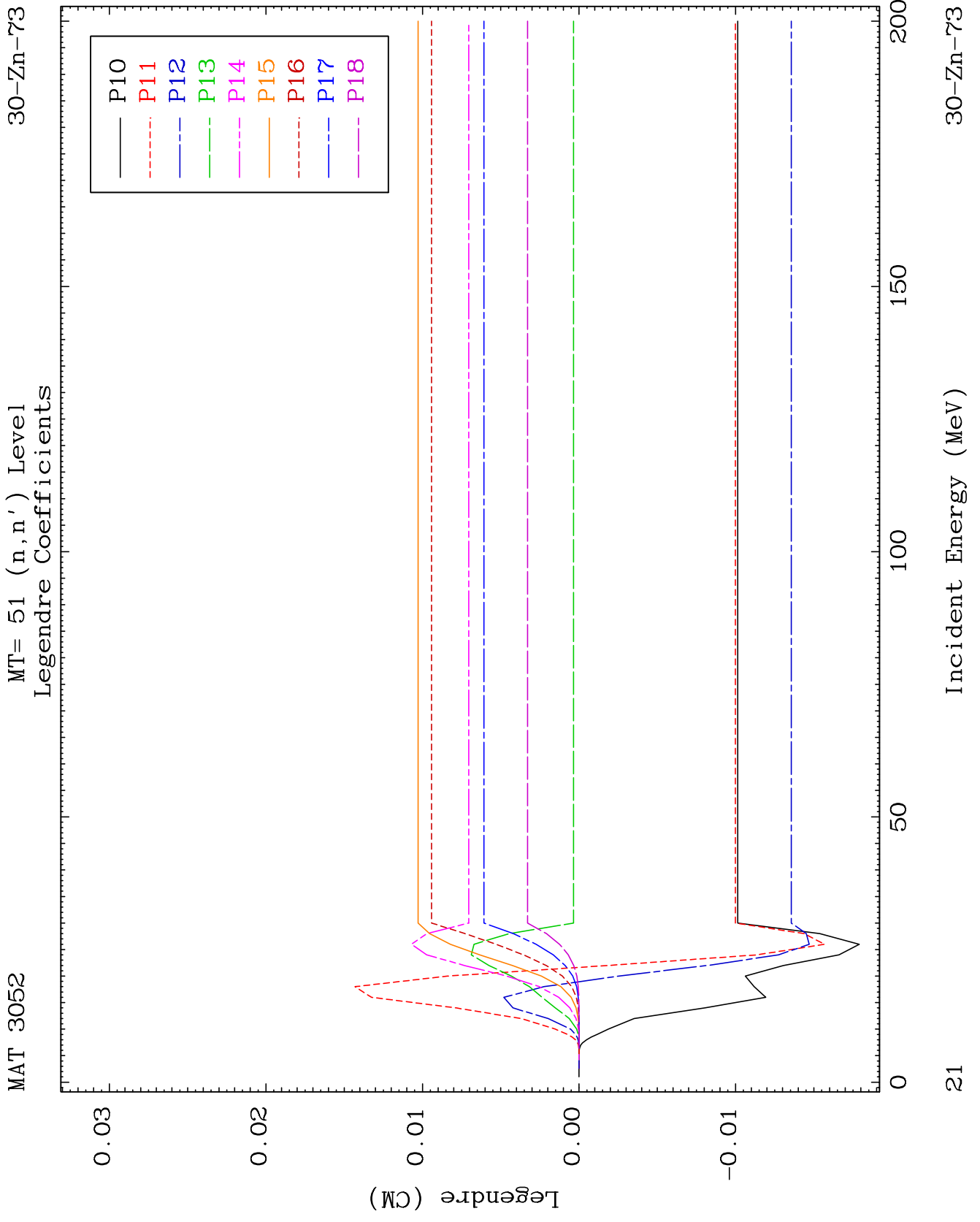


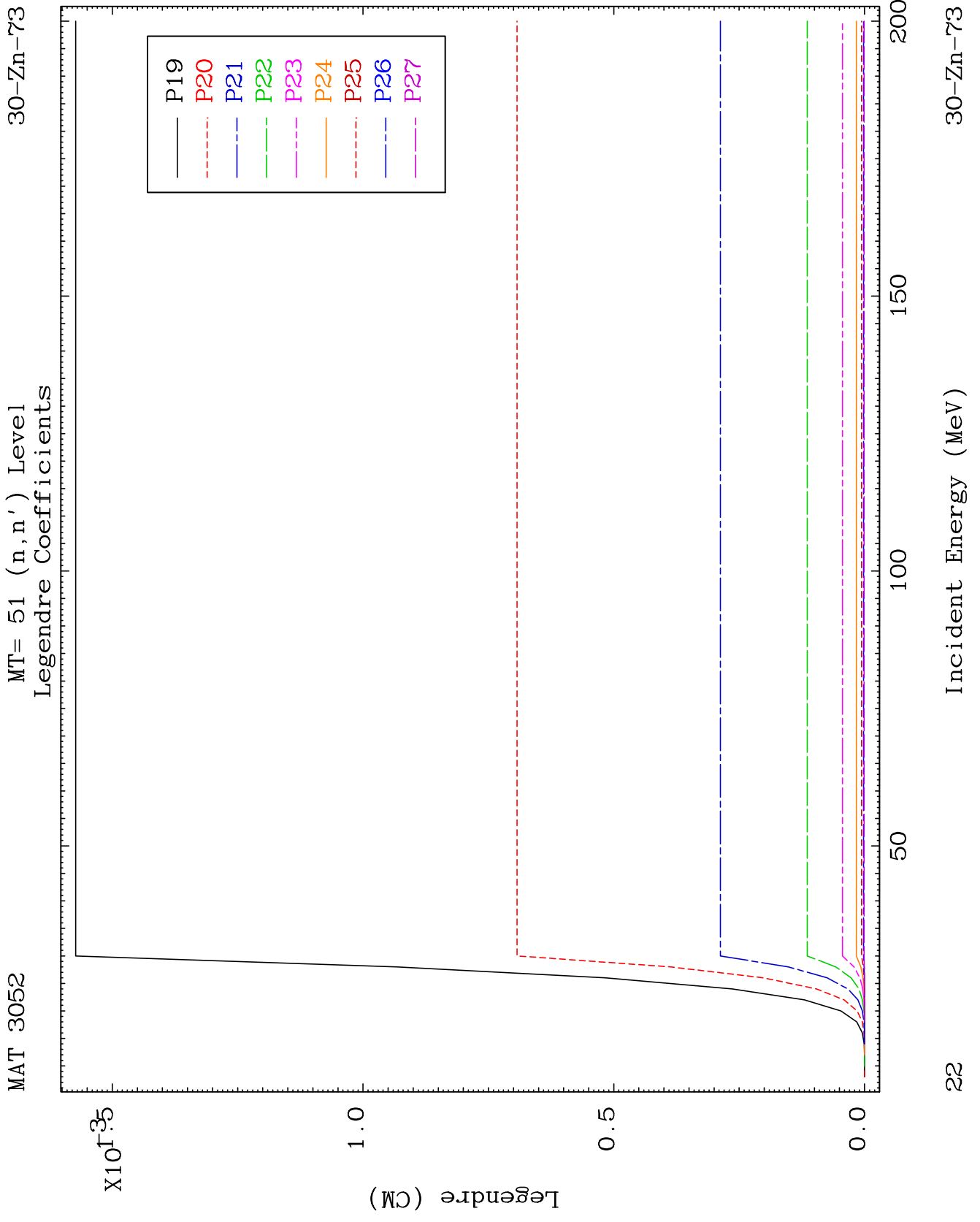
19

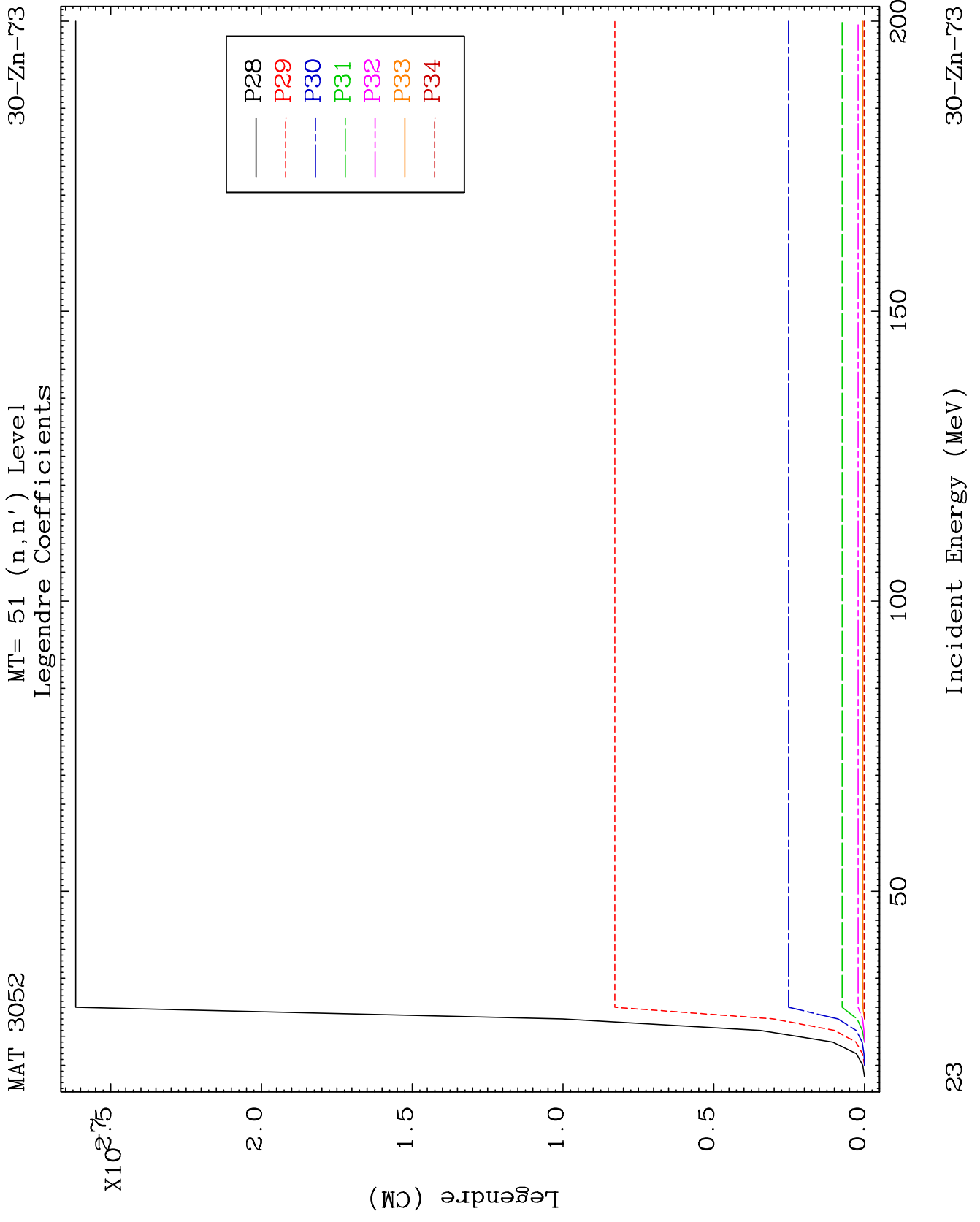
Incident Energy (MeV)

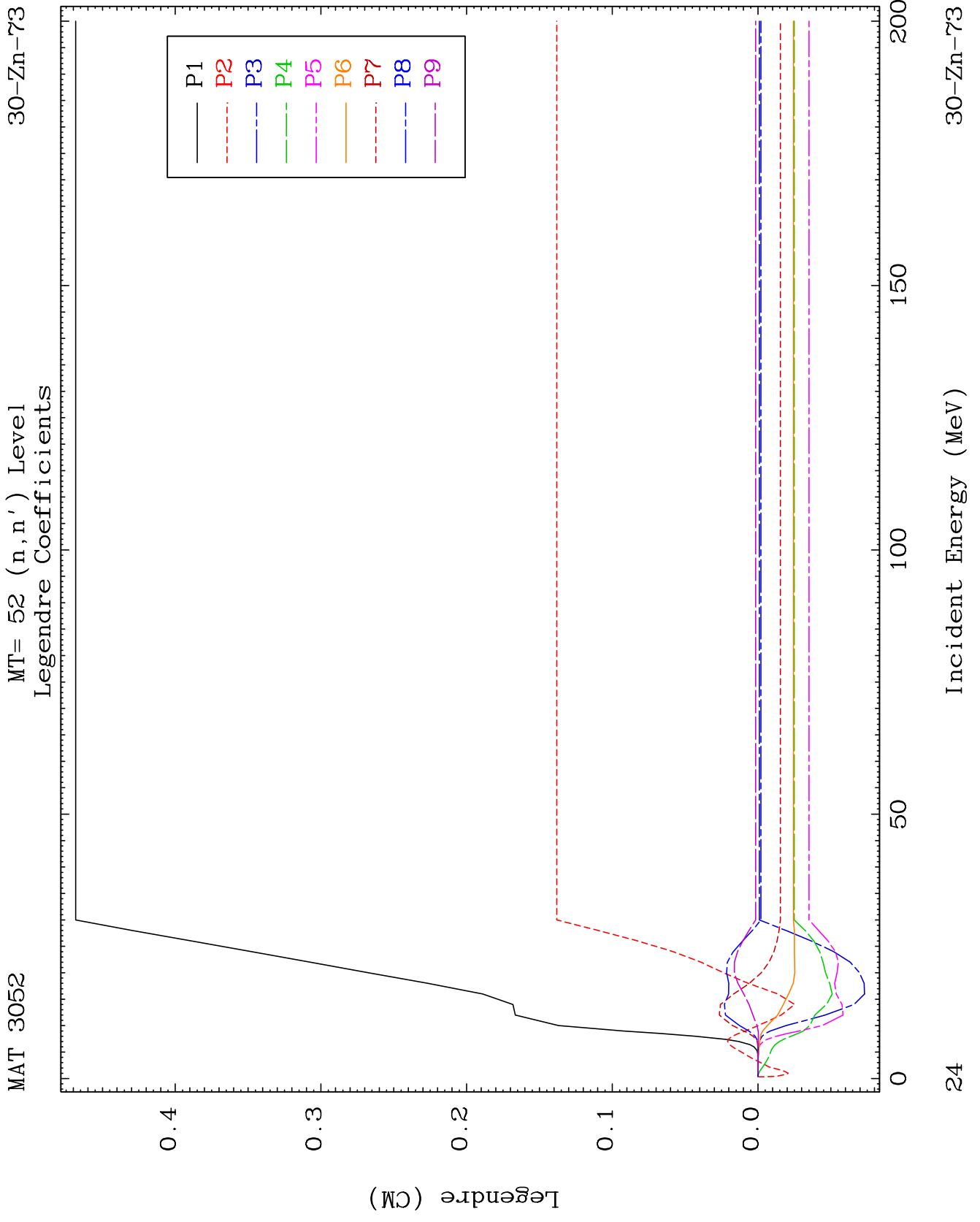
30-Zn-73

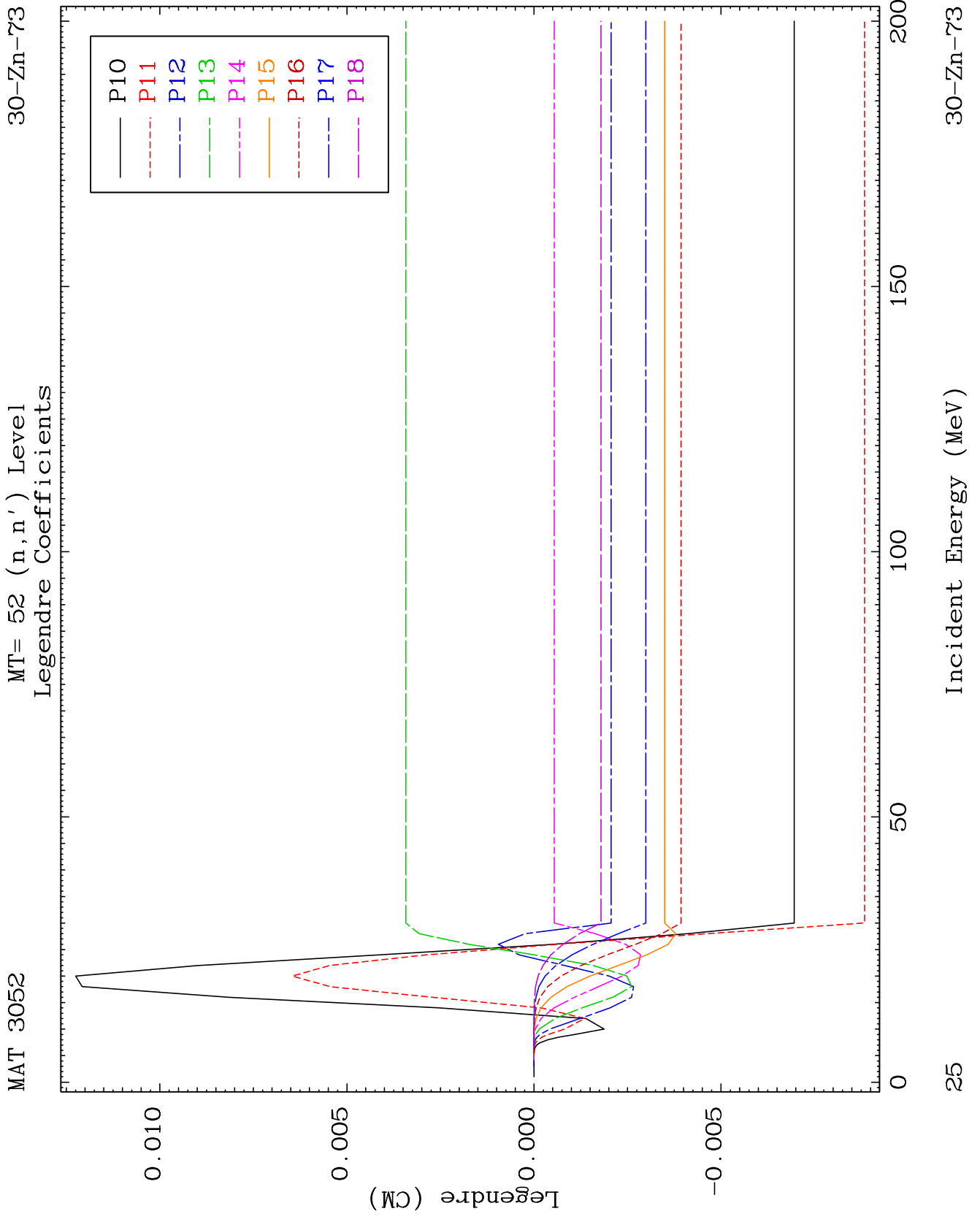


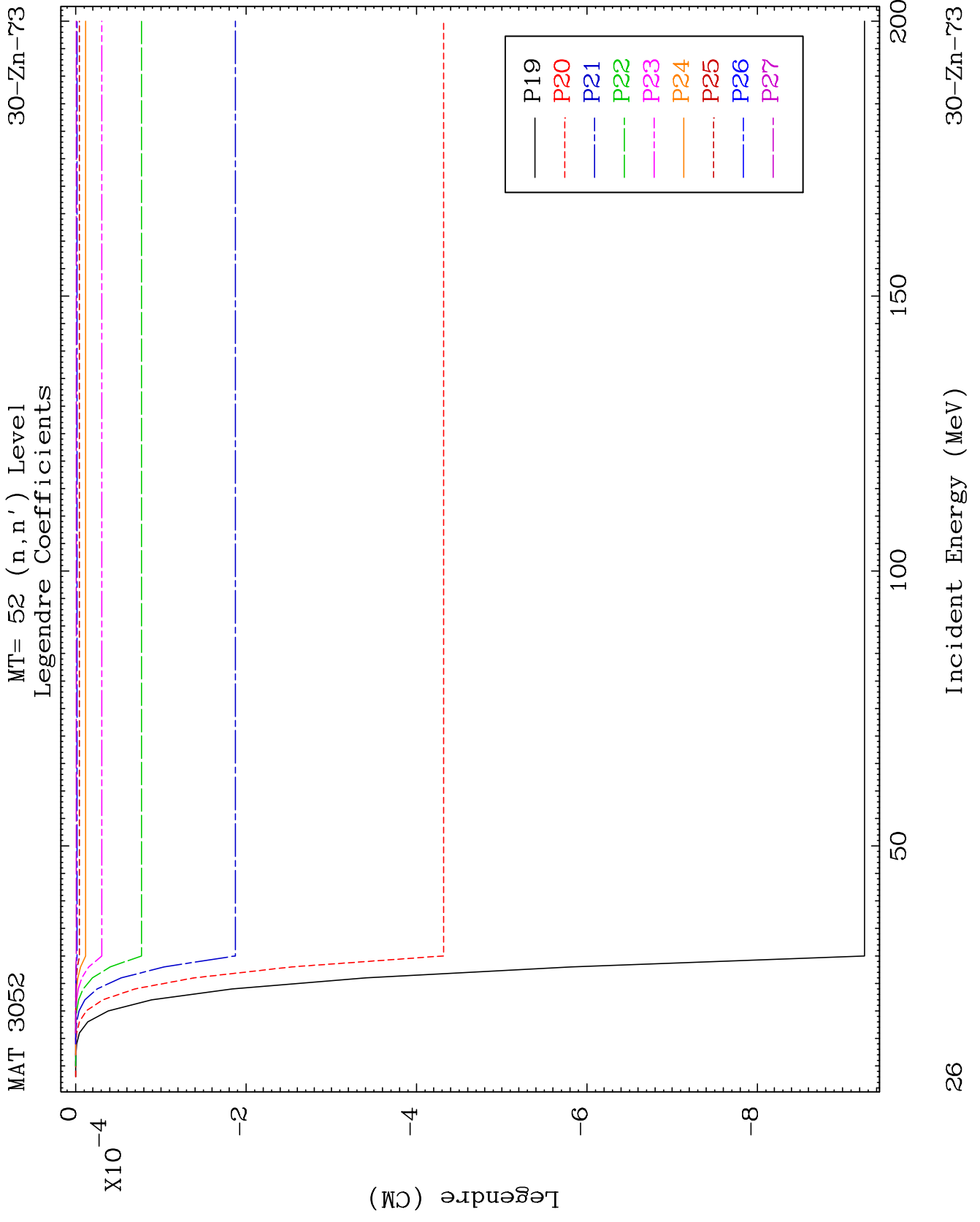








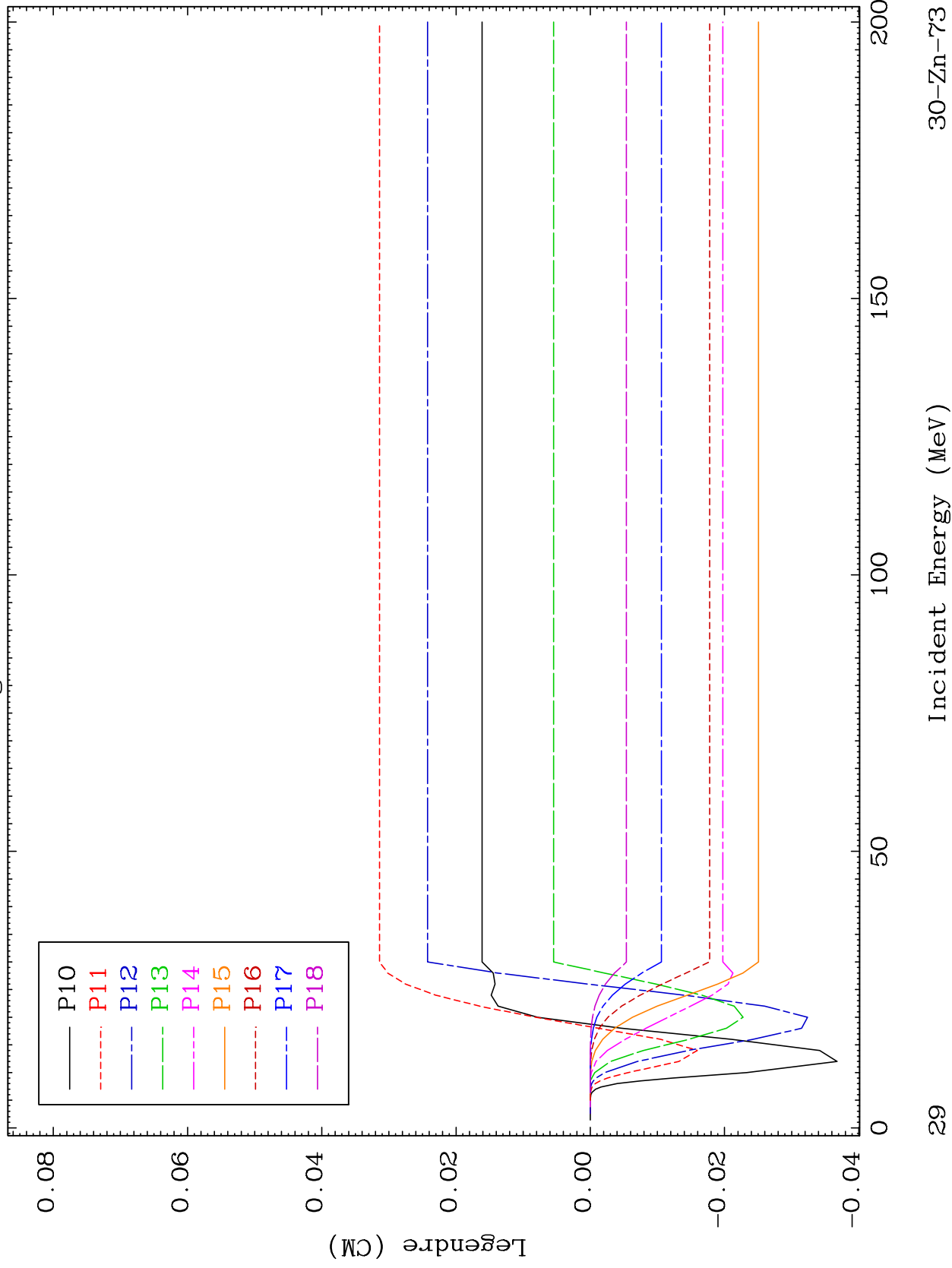


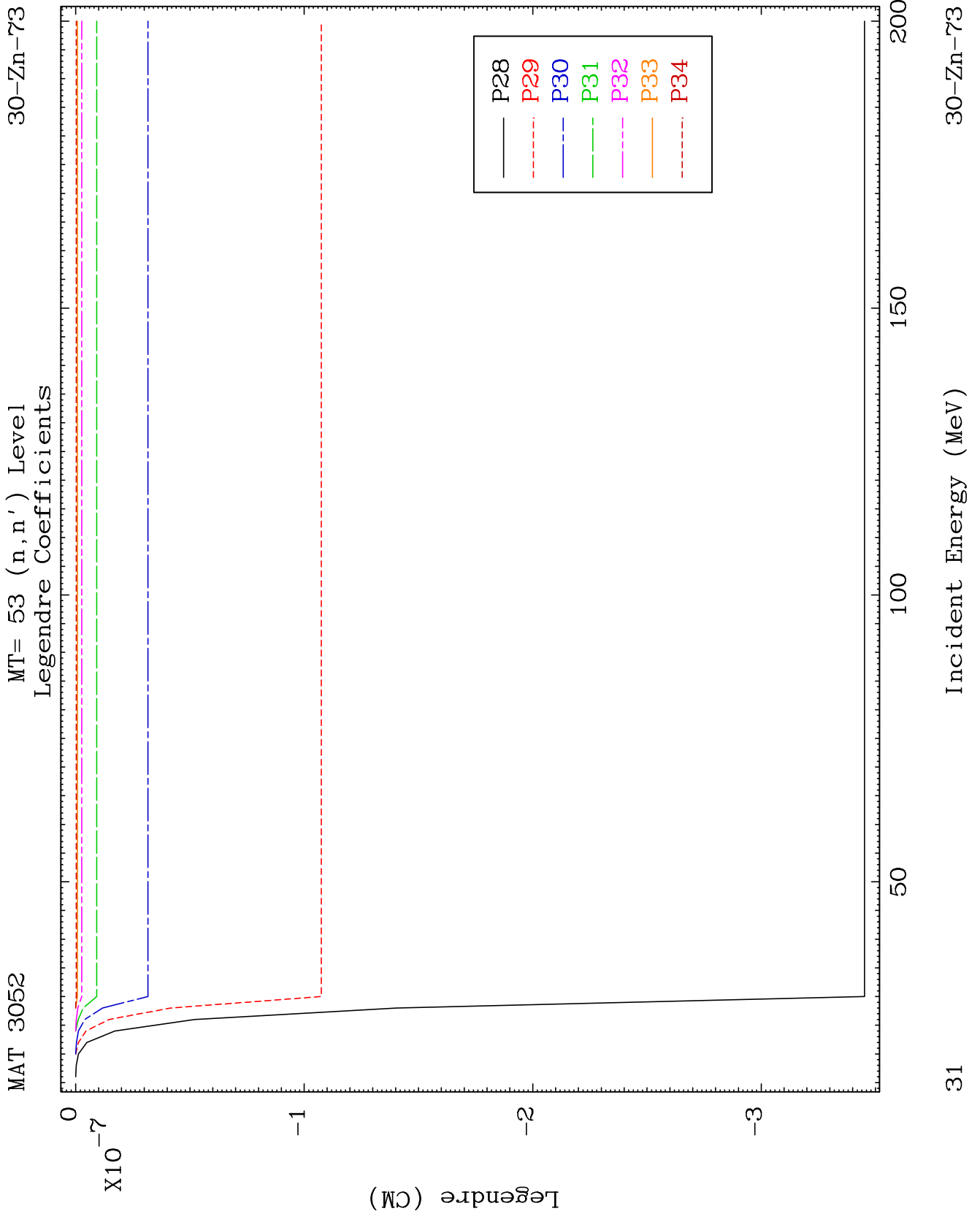


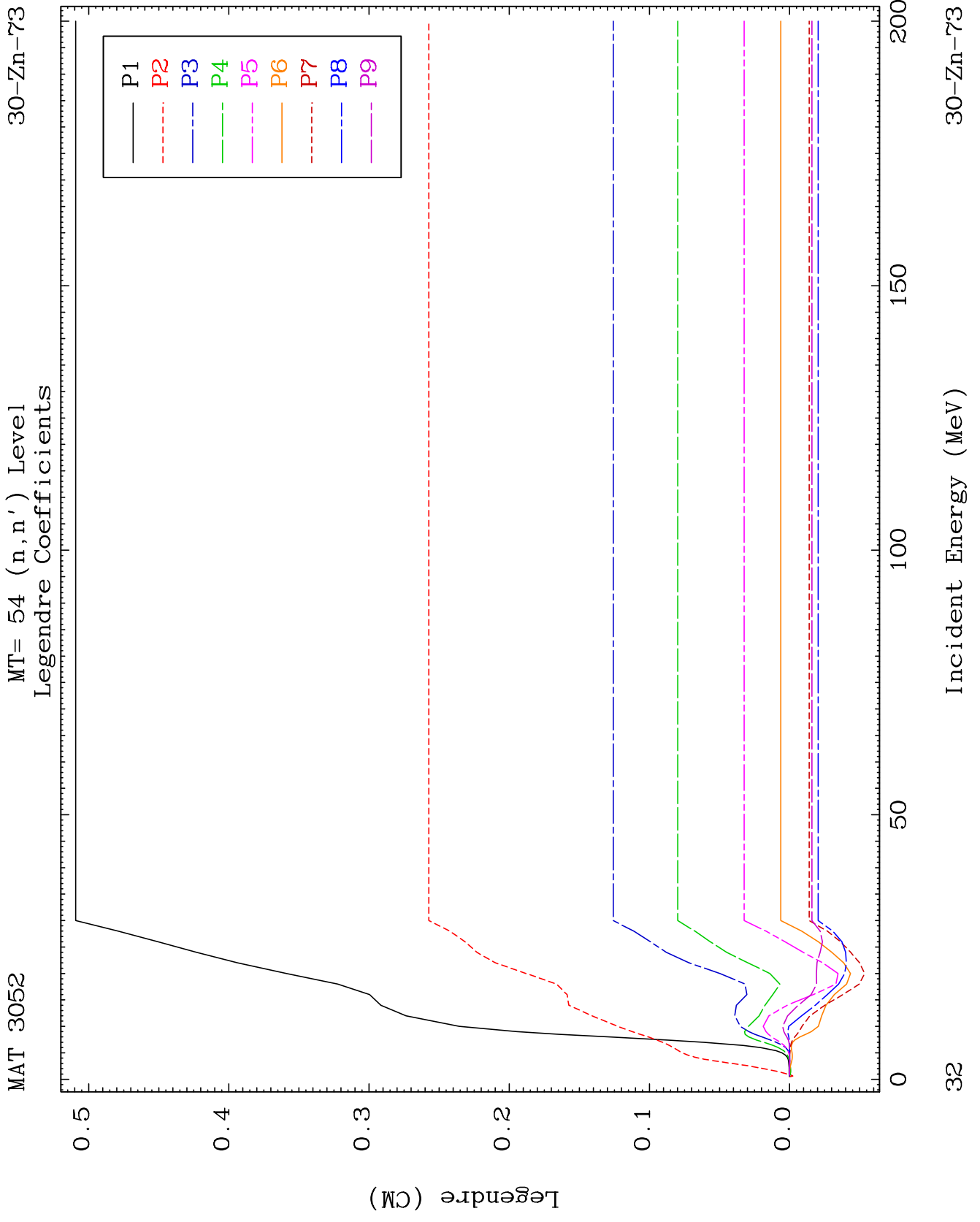
MAT 3052

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

30-Zn-73



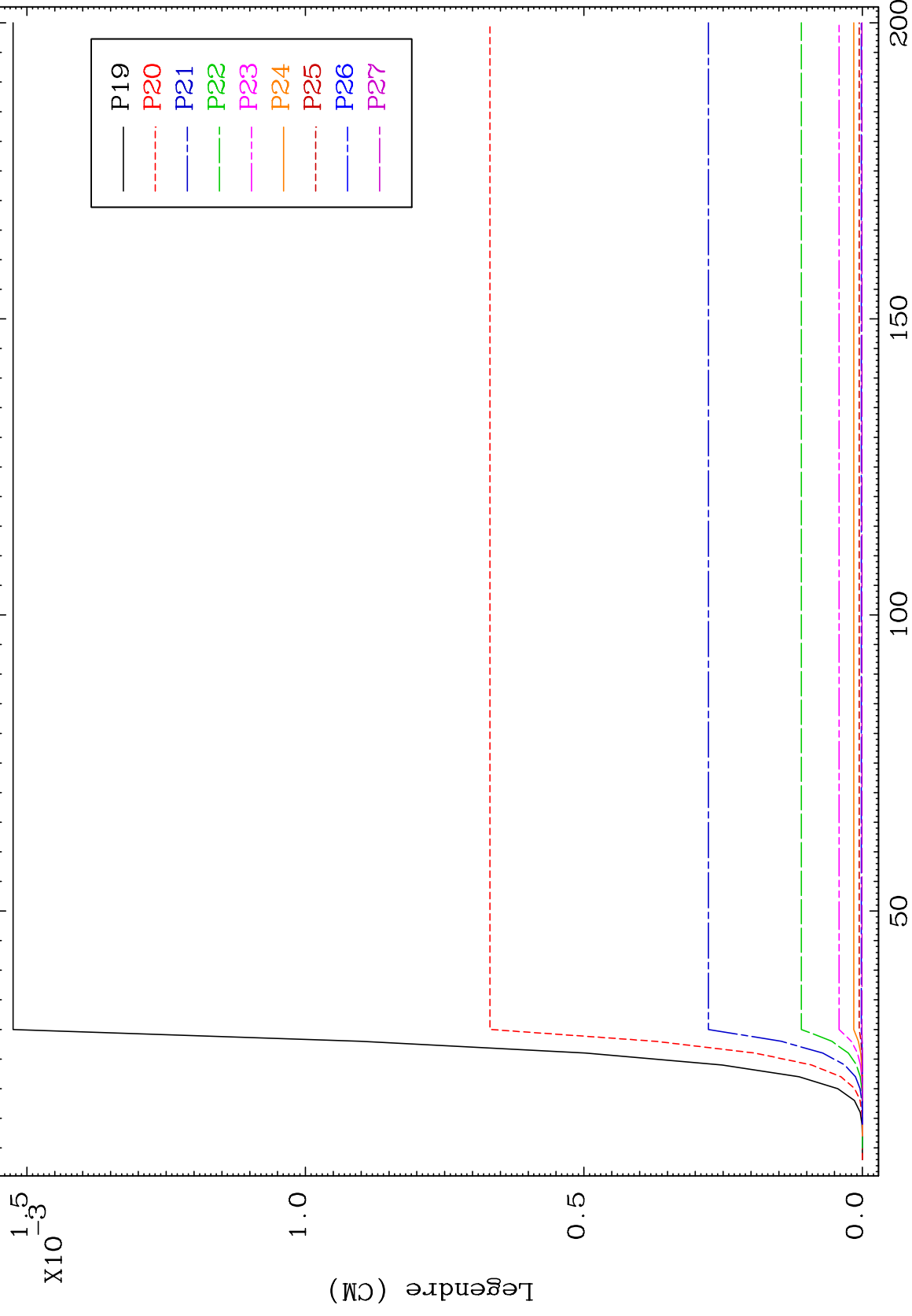




MAT 3052

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

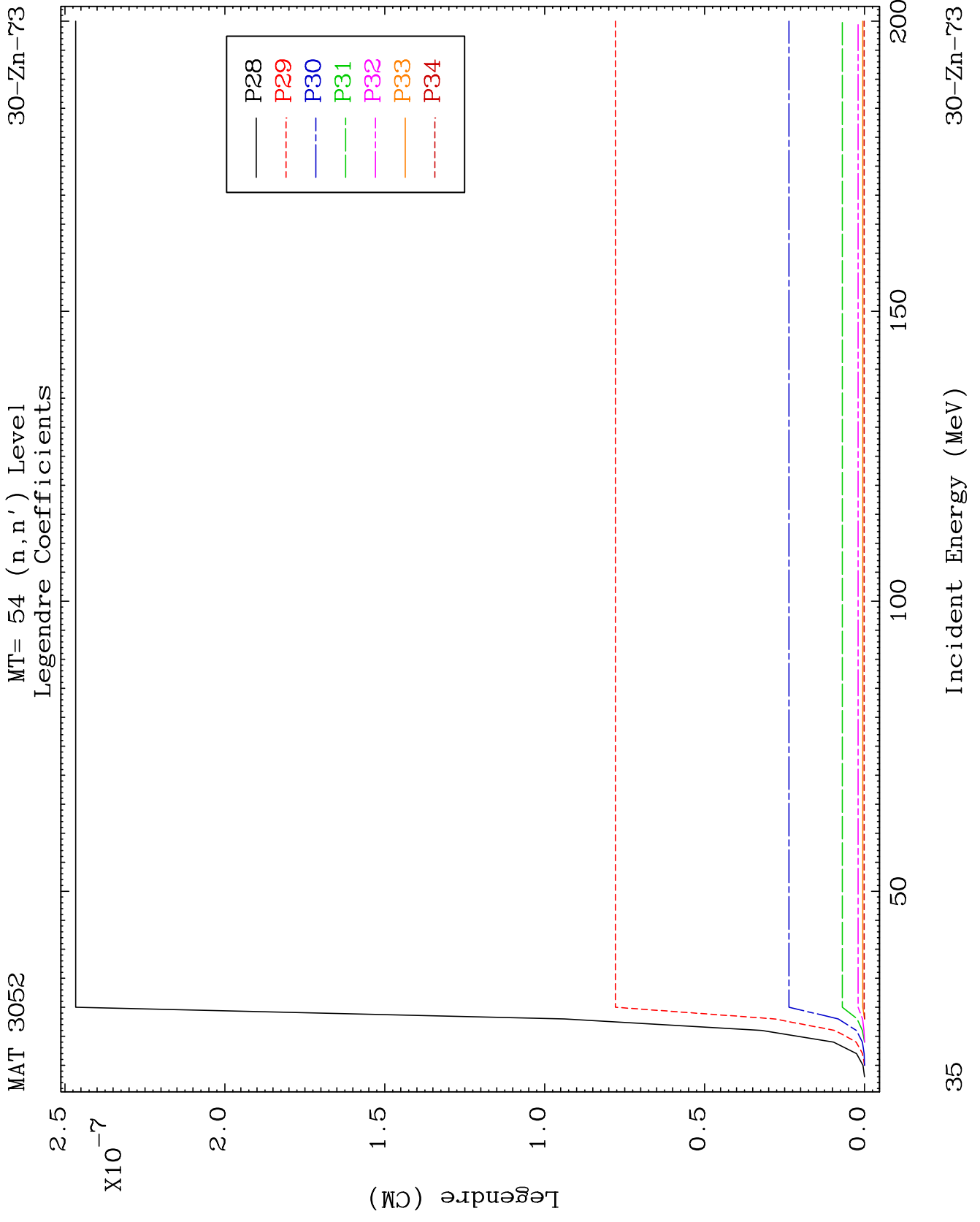
30-Zn-73

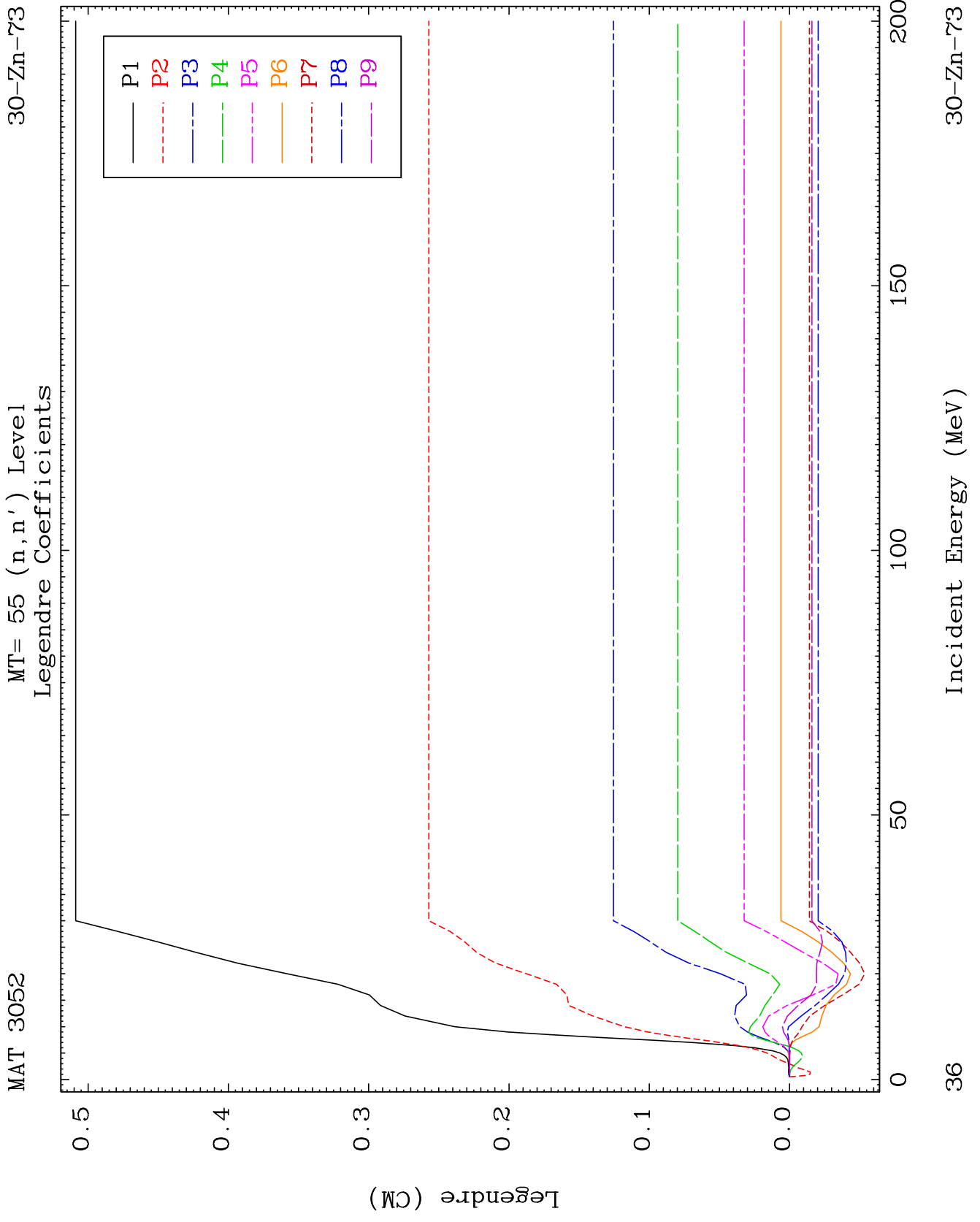


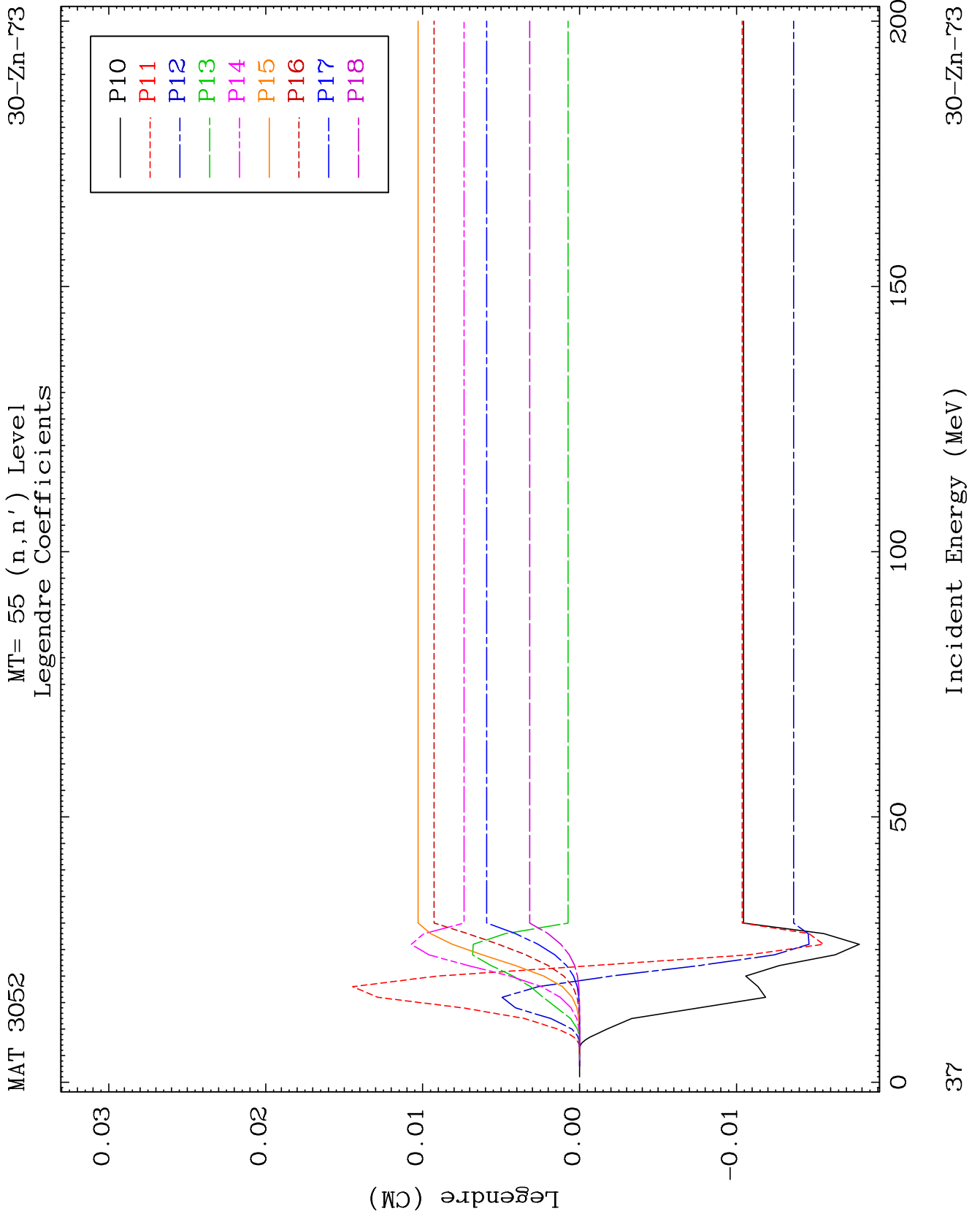
34

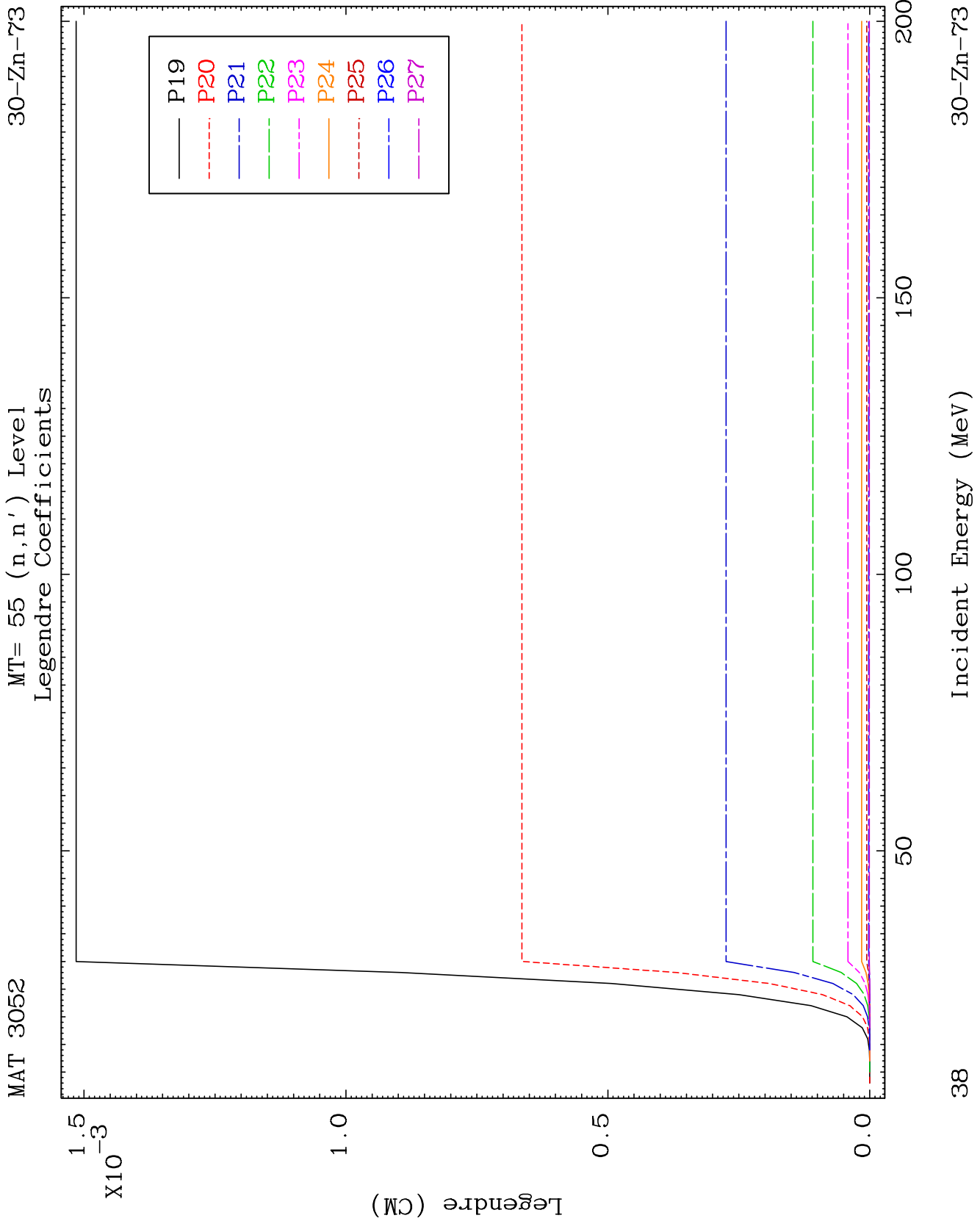
Incident Energy (MeV)

30-Zn-73





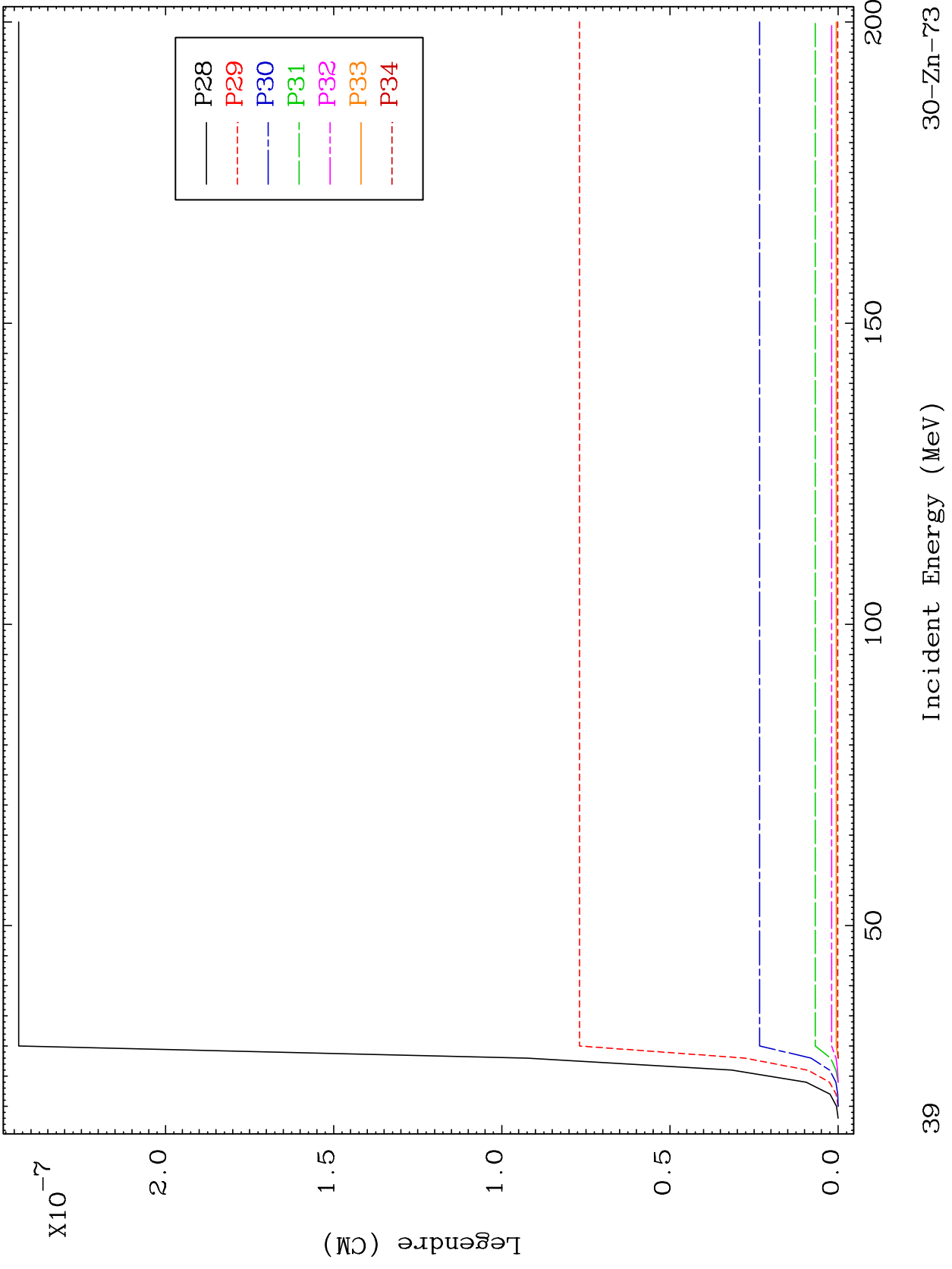


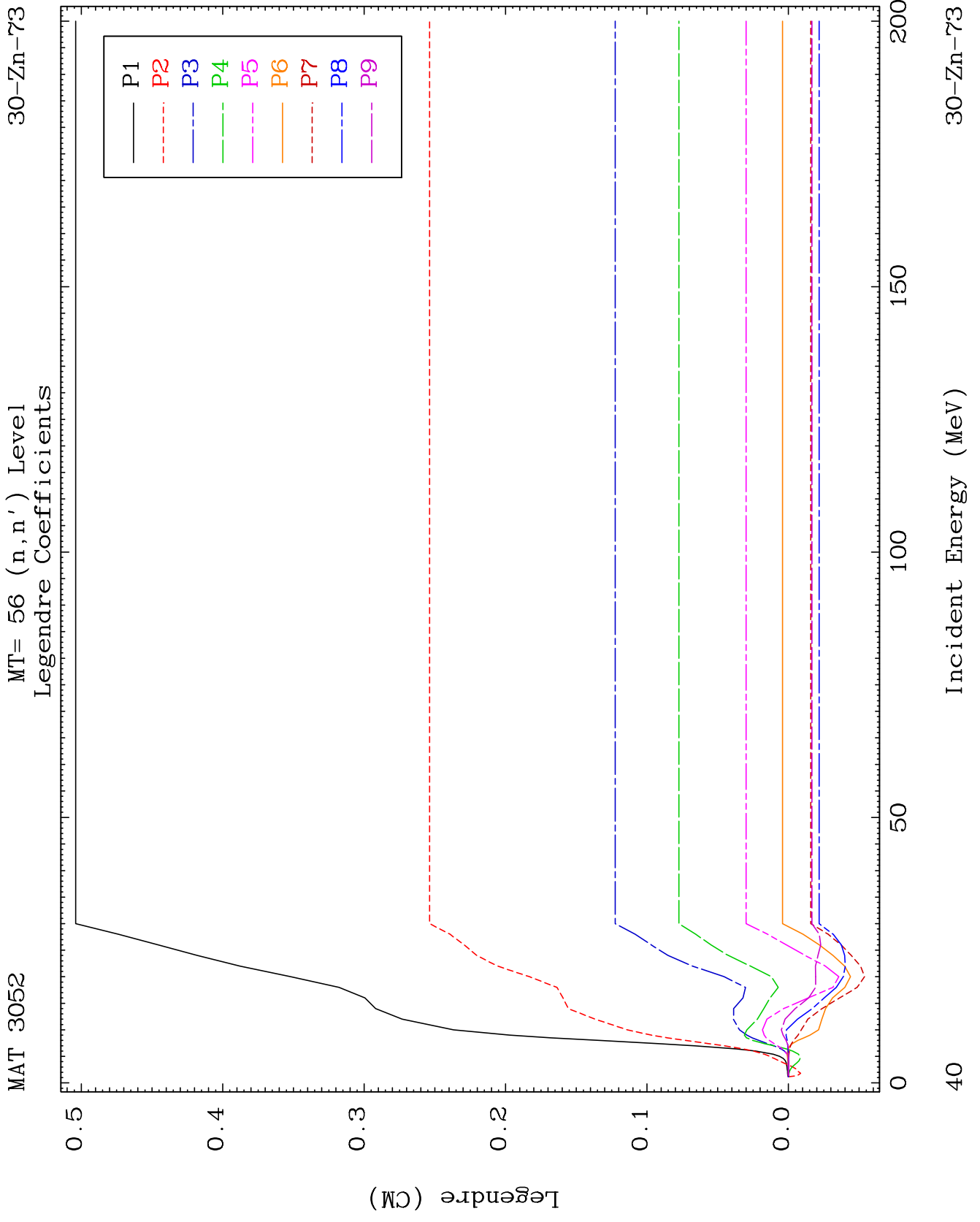


MAT 3052

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

30-Zn-73

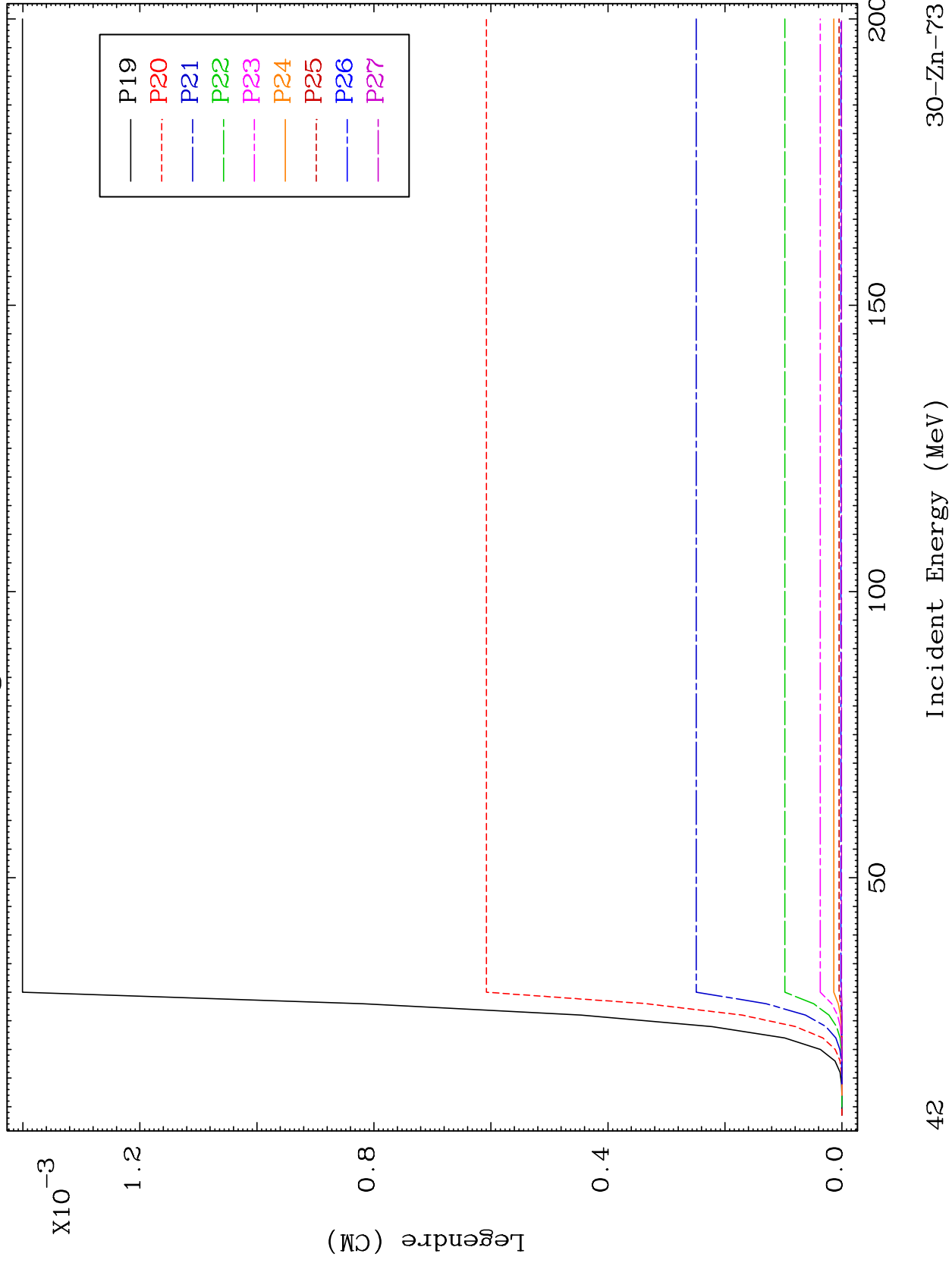




MAT 3052

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

30-Zn-73



42

Incident Energy (MeV)

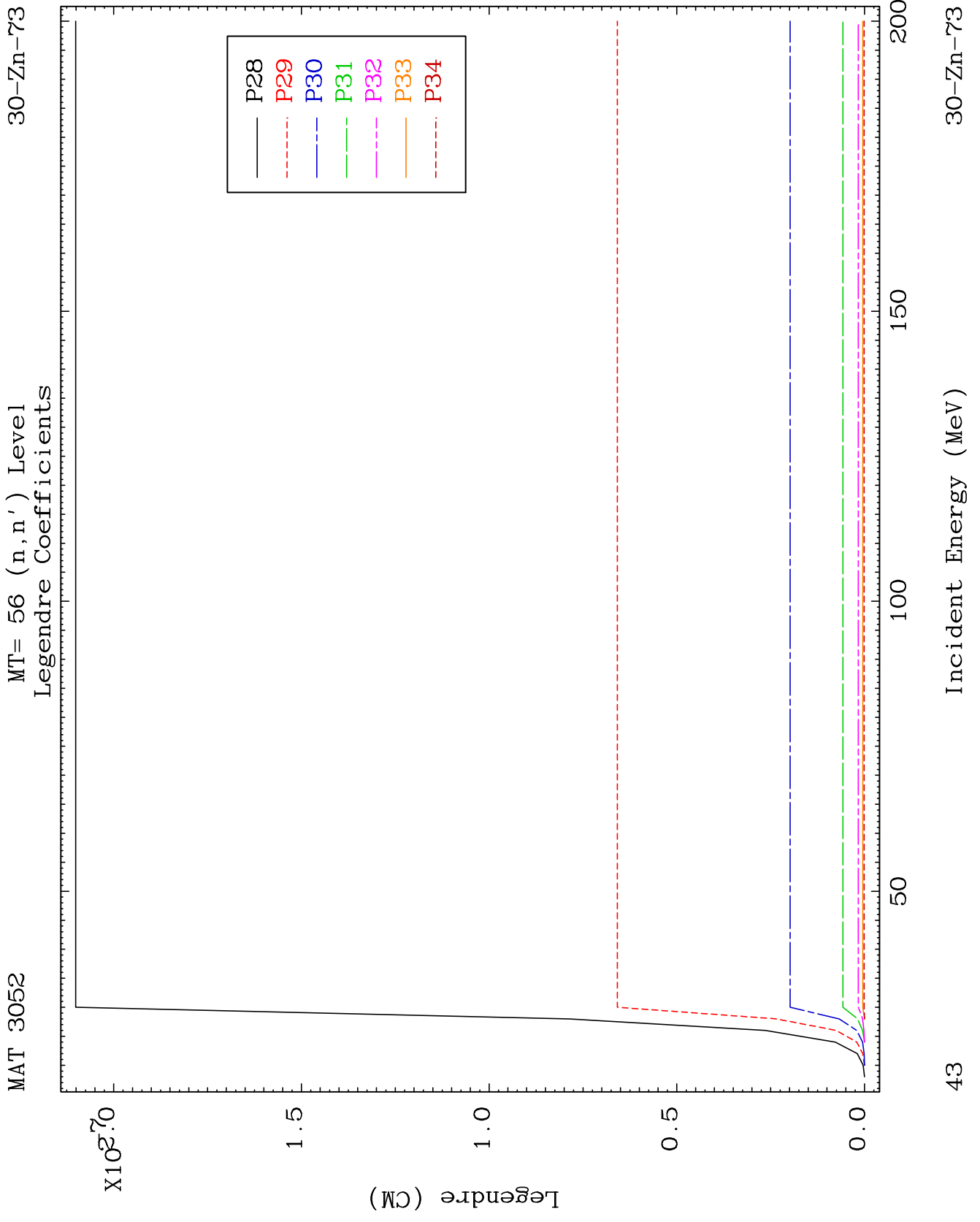
30-Zn-73

200

150

100

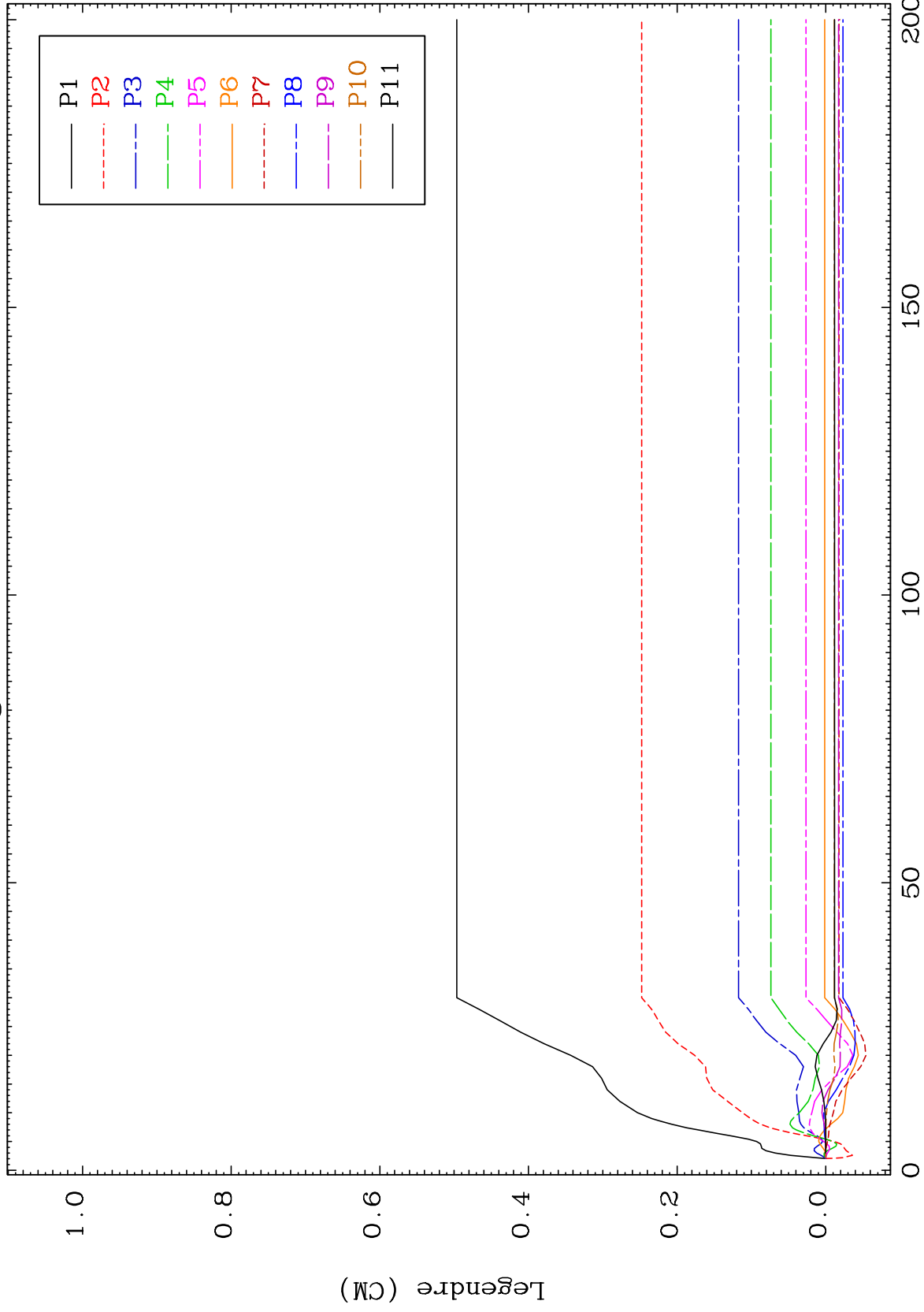
50



MAT 3052

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

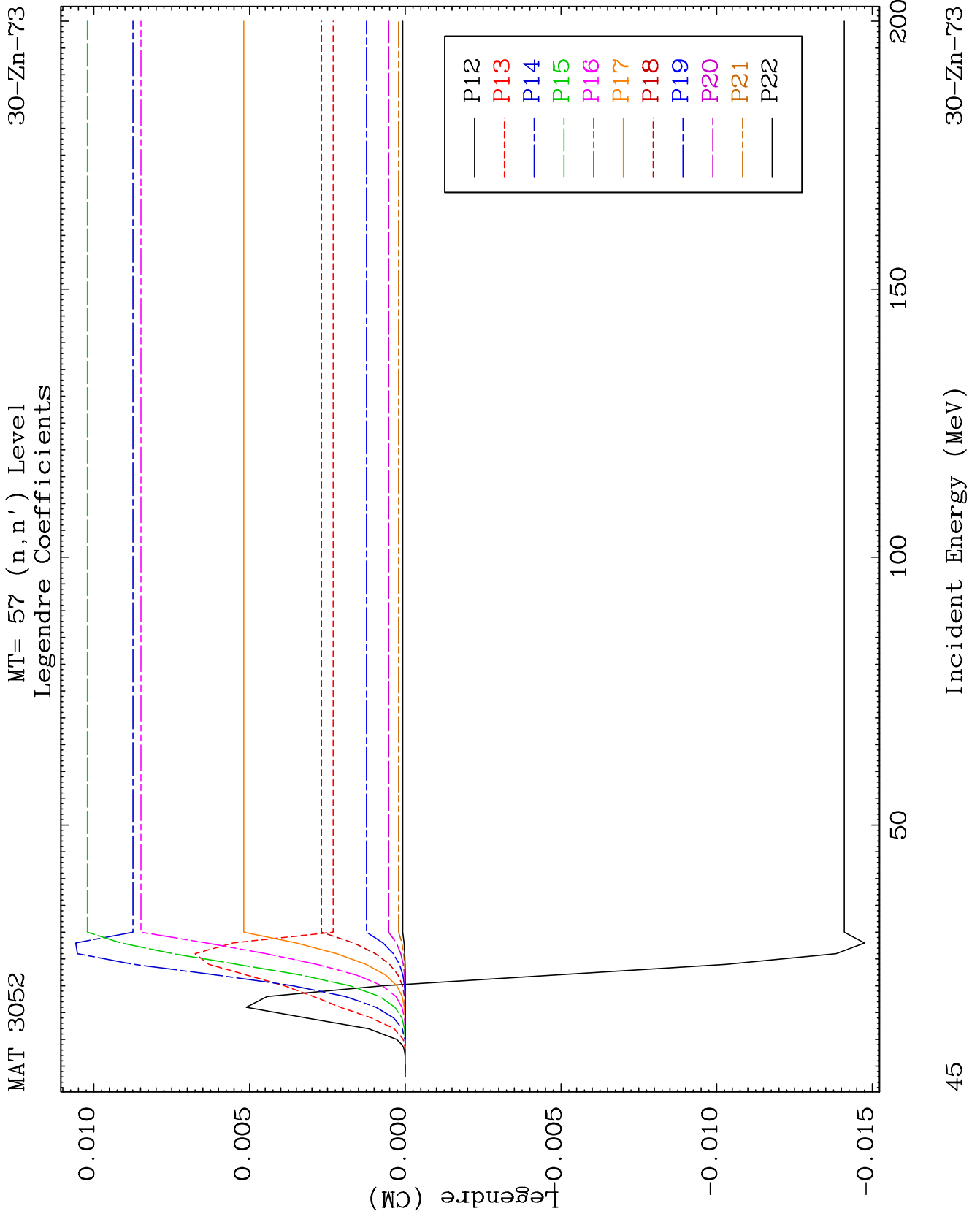
30-Zn-73



44

Incident Energy (MeV)

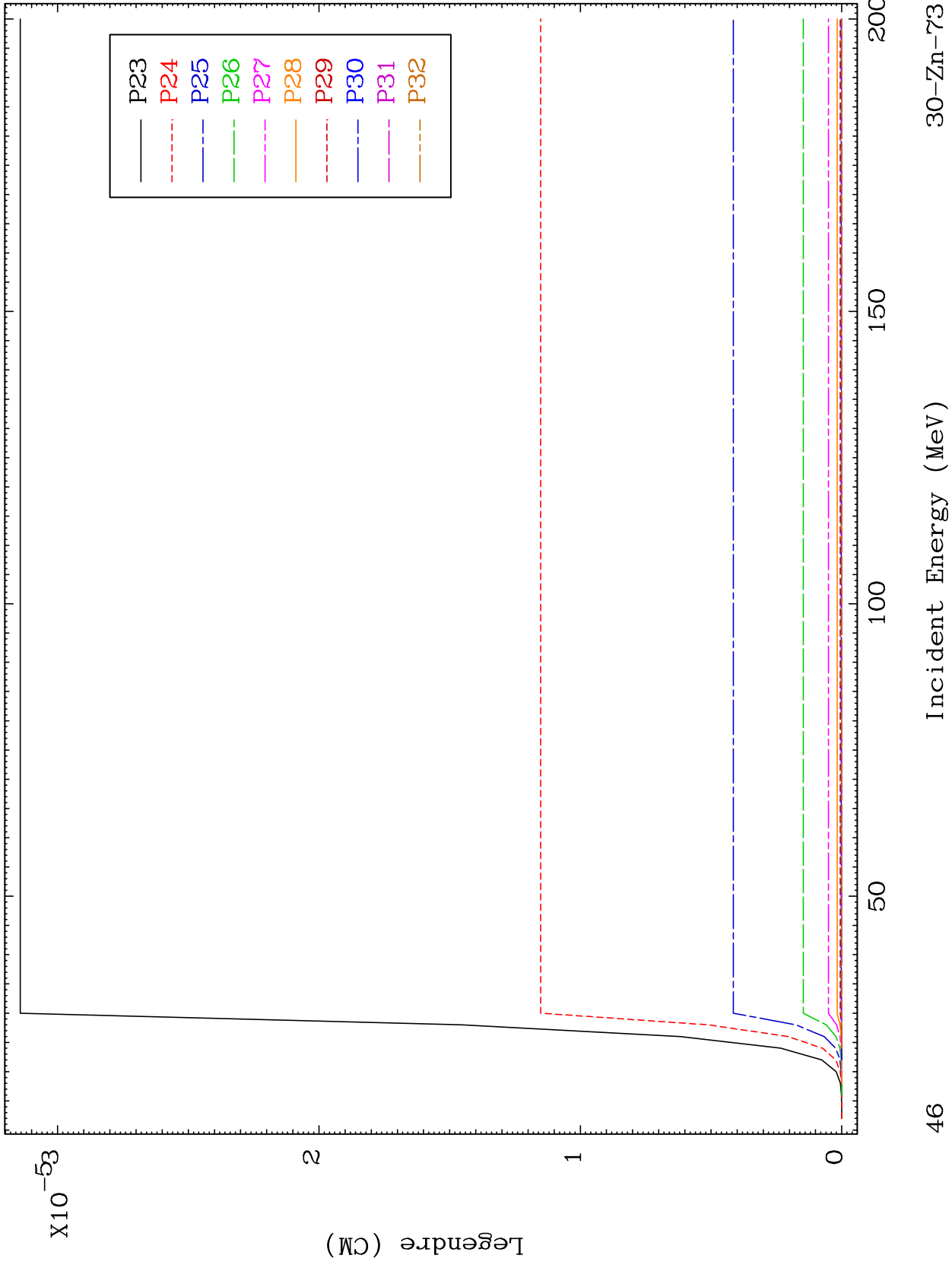
30-Zn-73



MAT 3052

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

30-Zn-73



46

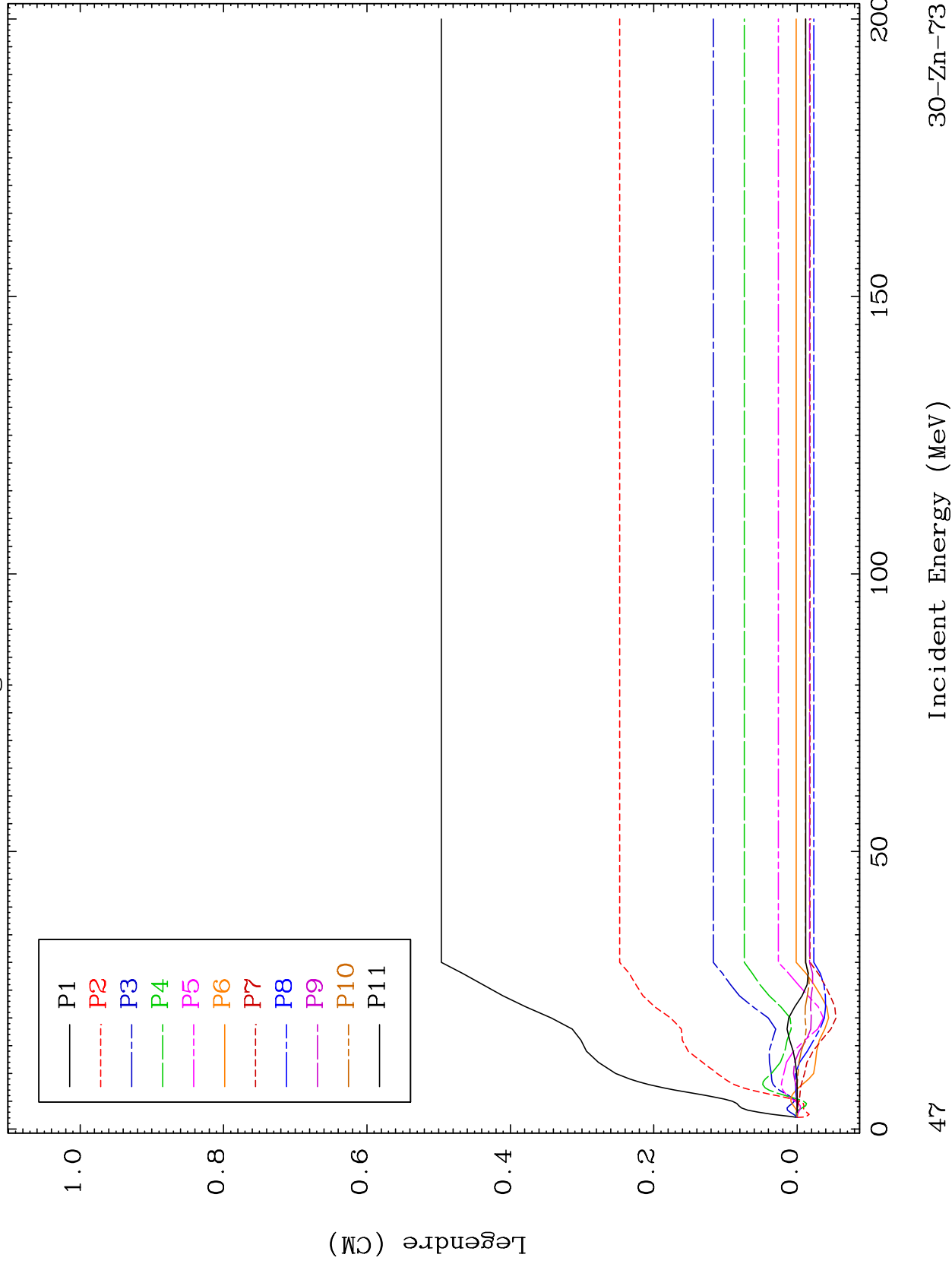
Incident Energy (MeV)

30-Zn-73

MAT 3052

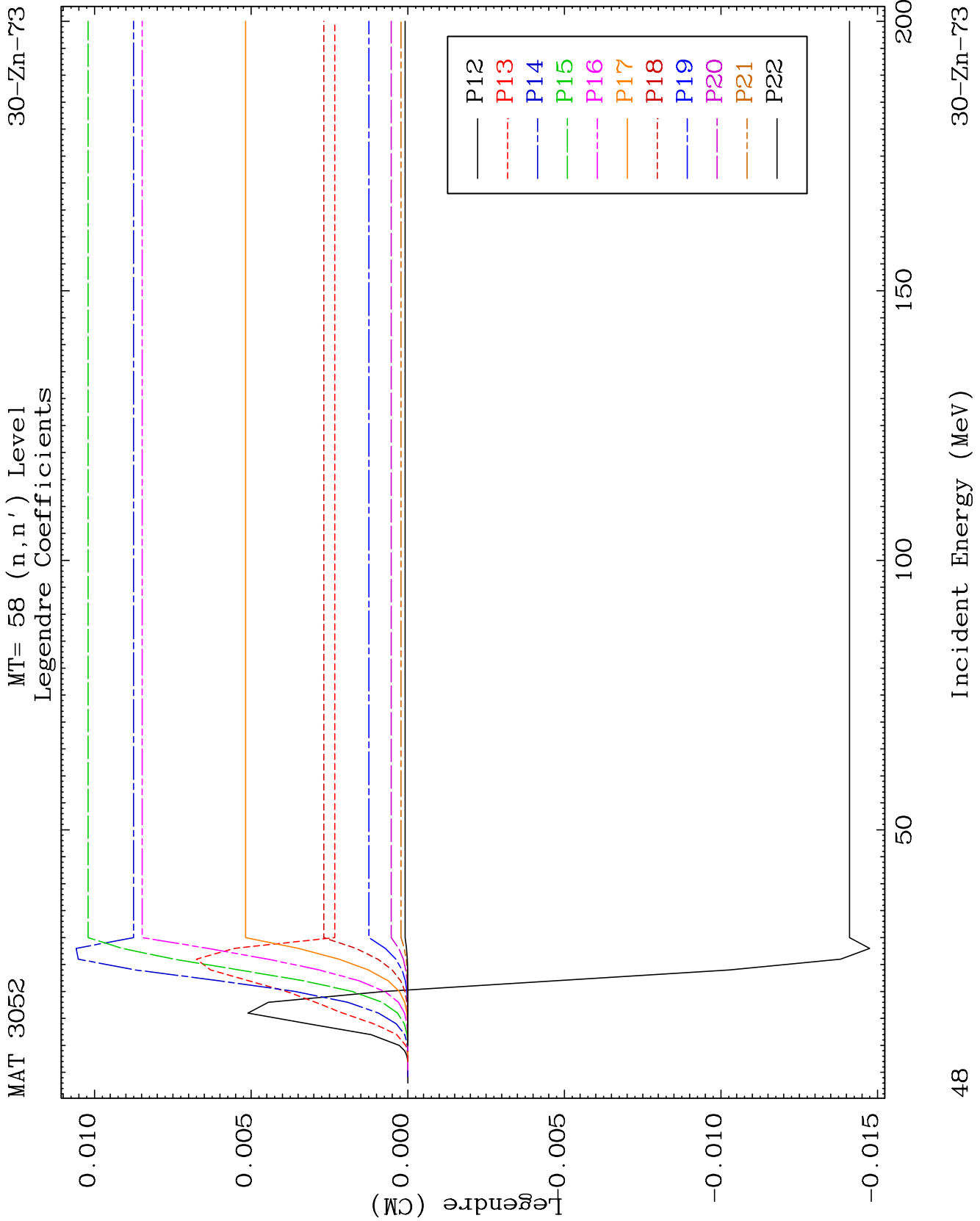
MT= 58 (n,n') Level
Legendre Coefficients

30-Zn-73



47

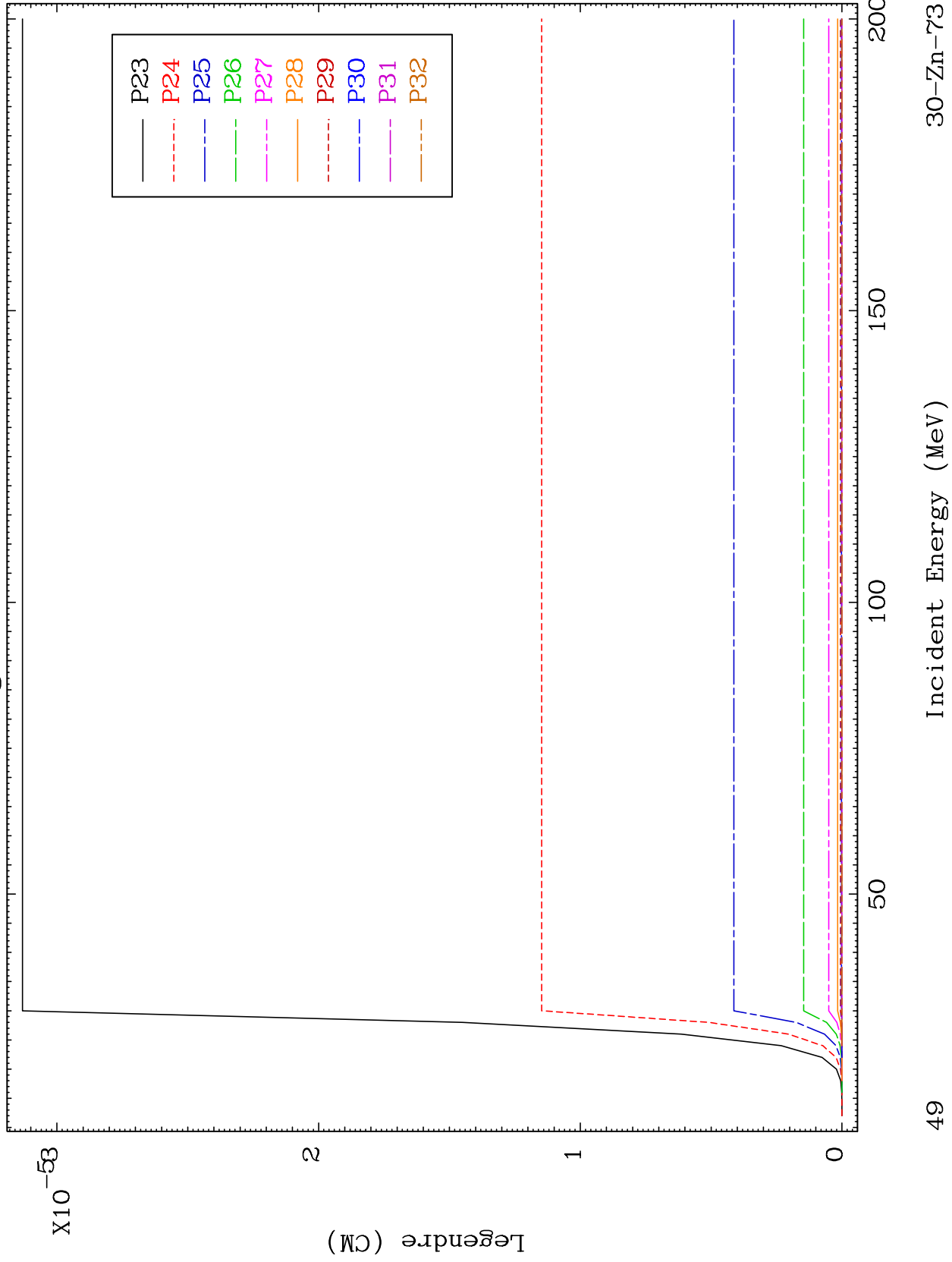
30-Zn-73

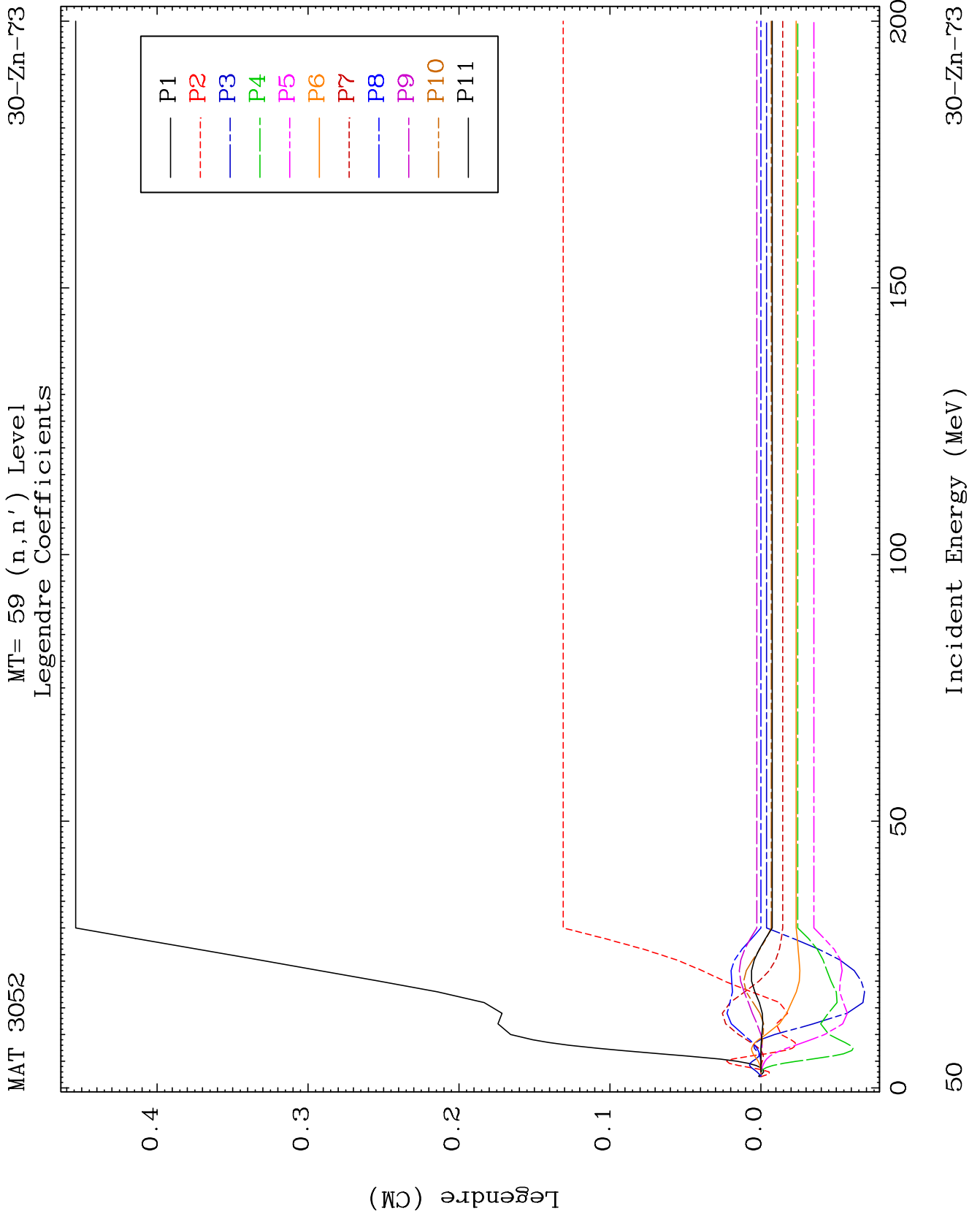


MAT 3052

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

30-Zn-73

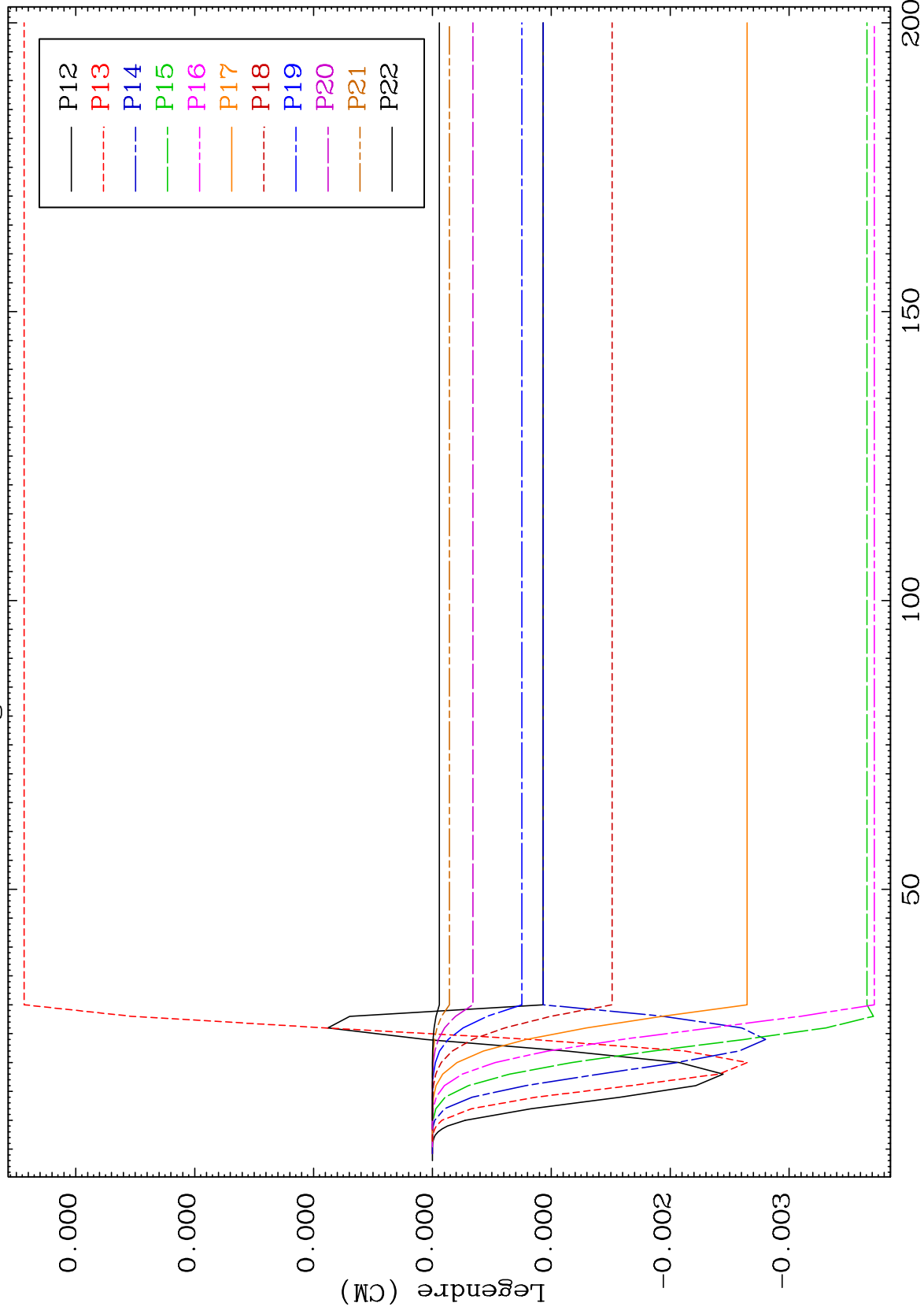




MAT 3052

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

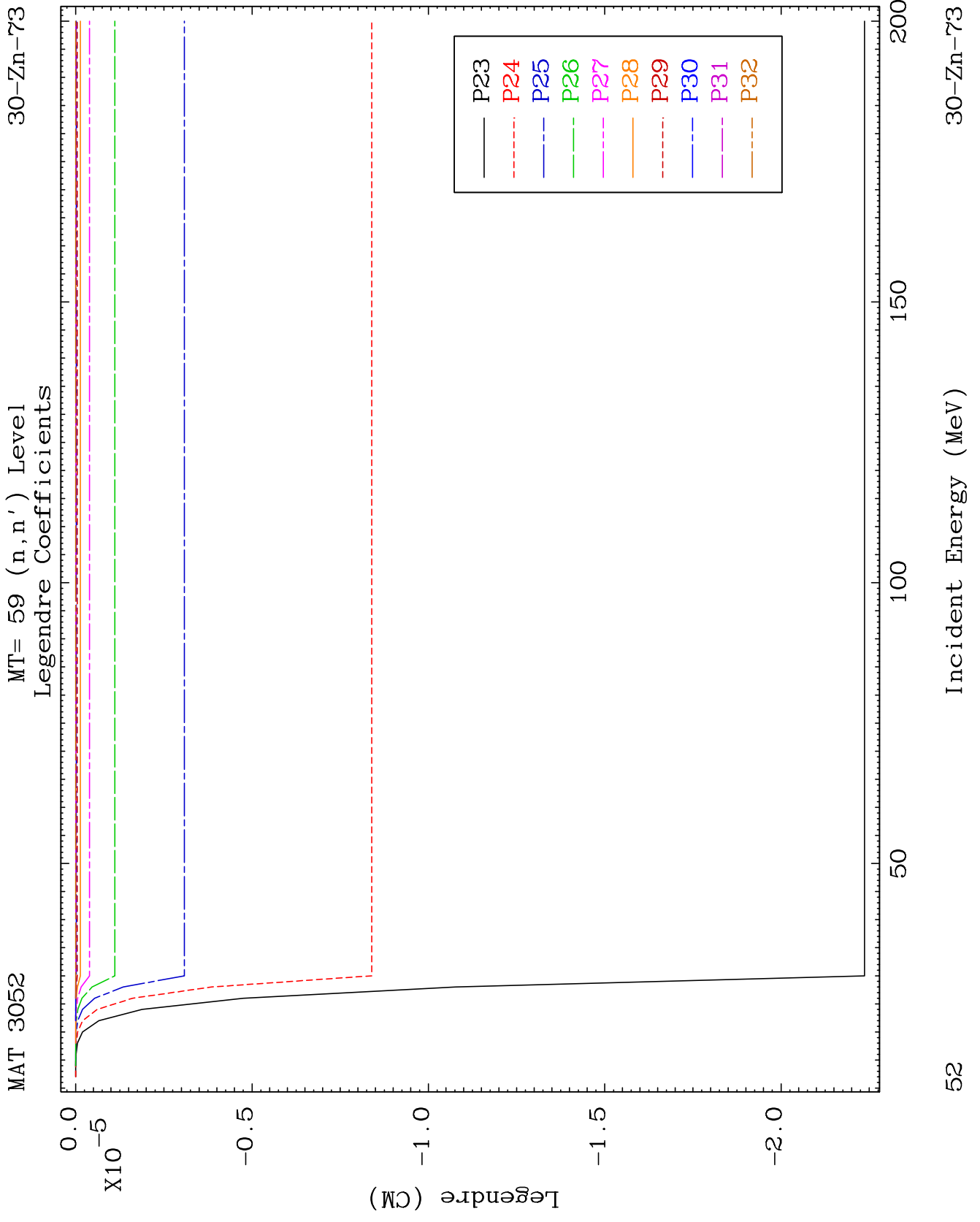
30-Zn-73

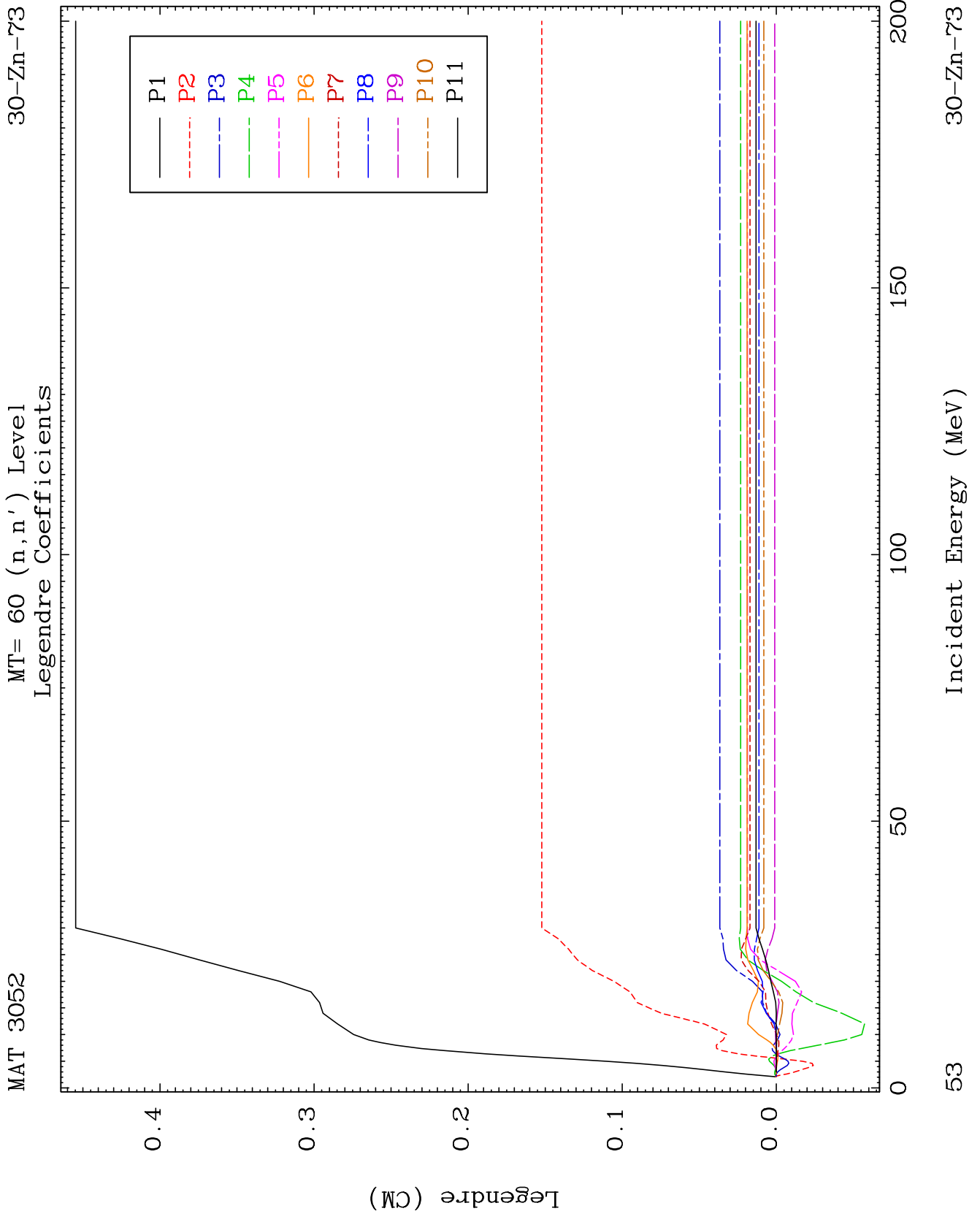


51

Incident Energy (MeV)

30-Zn-73

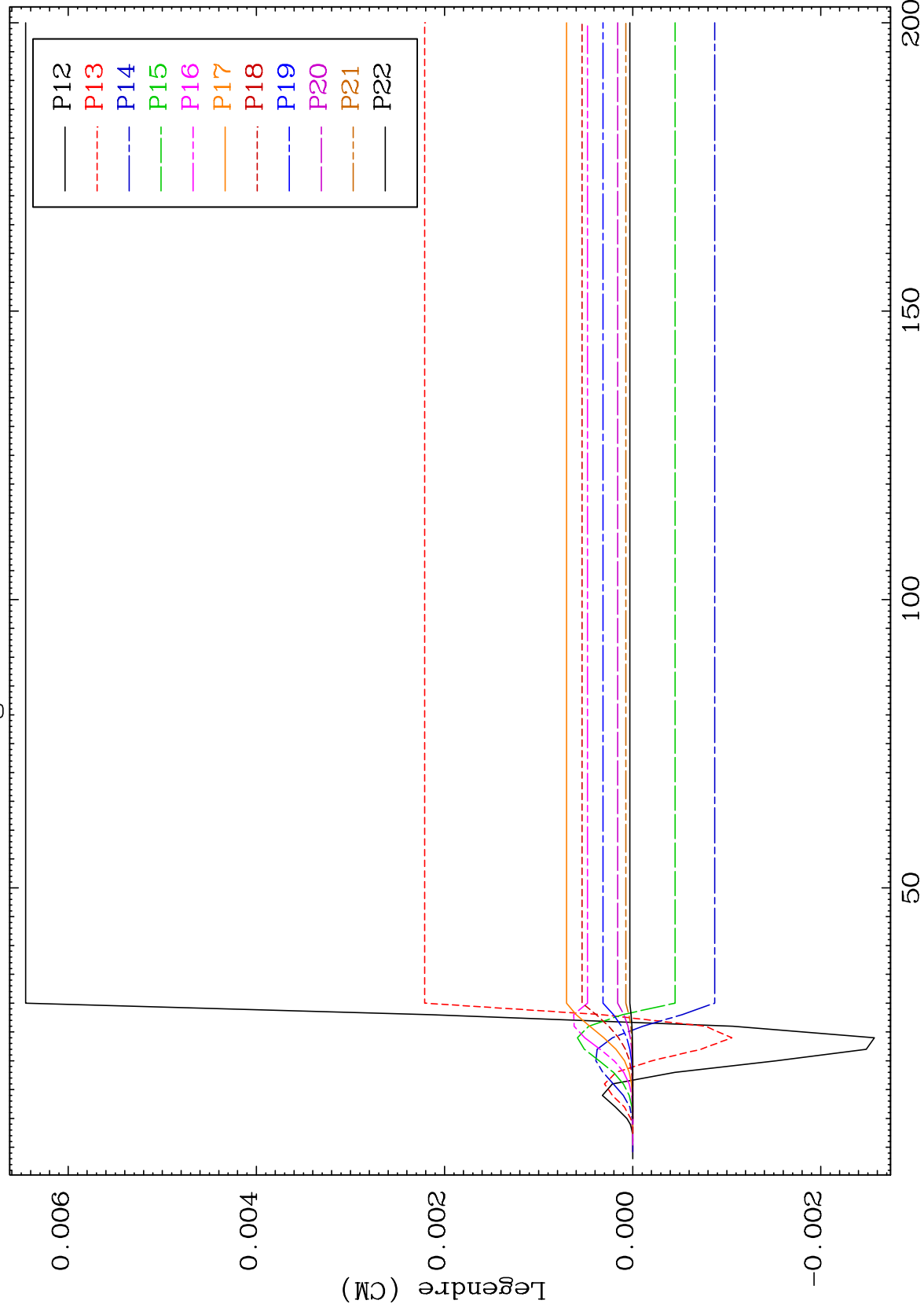


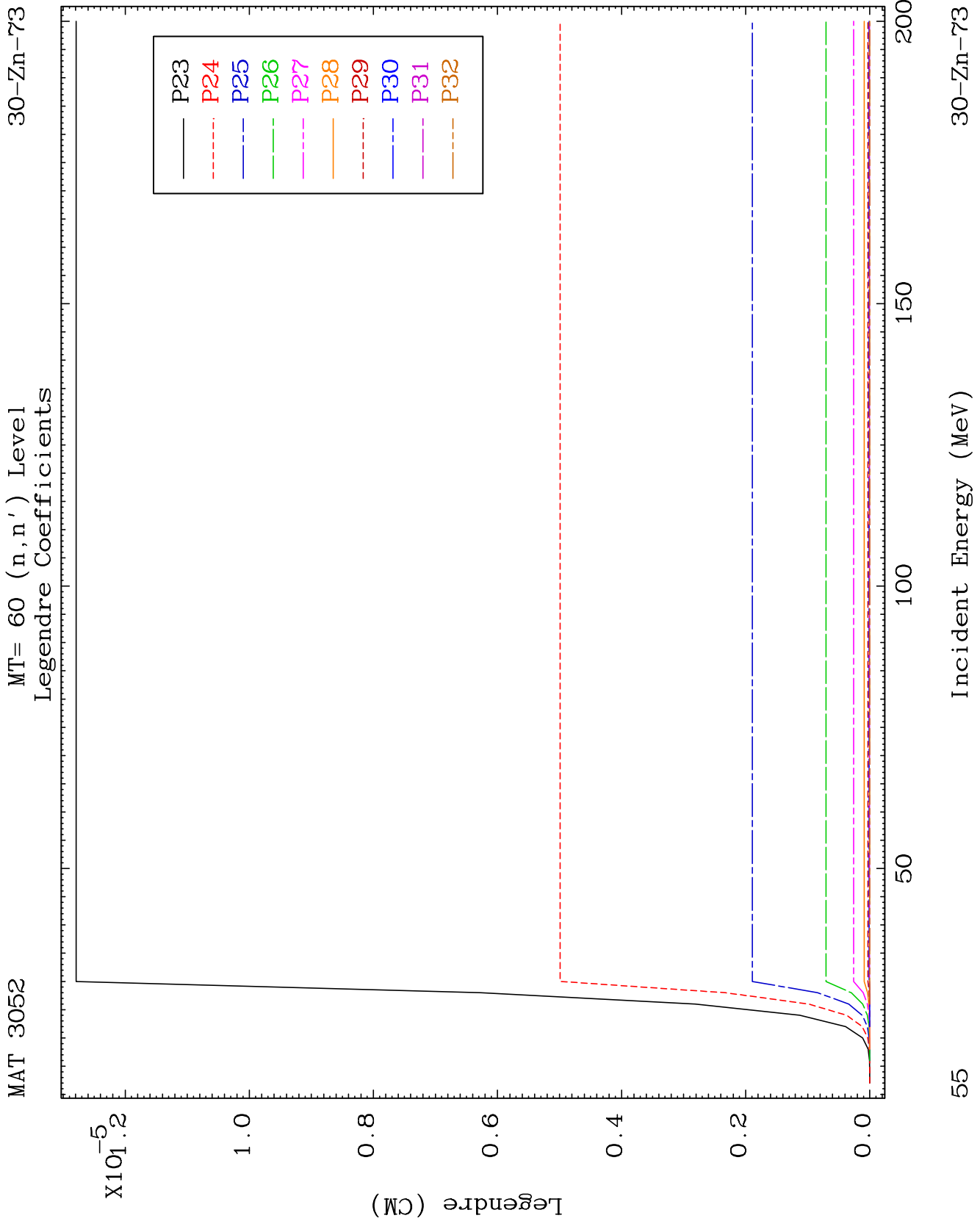


MAT 3052

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

30-Zn-73

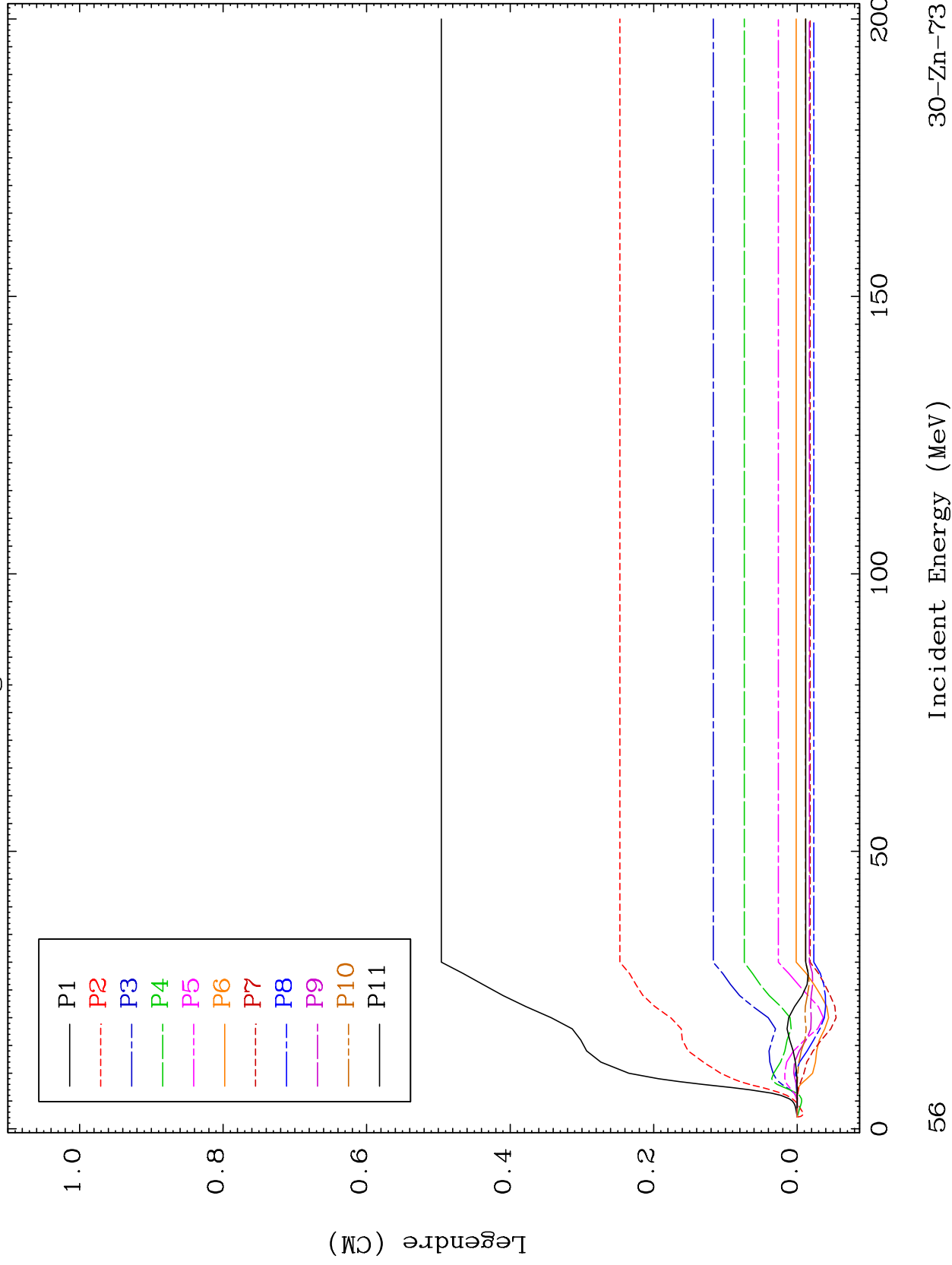


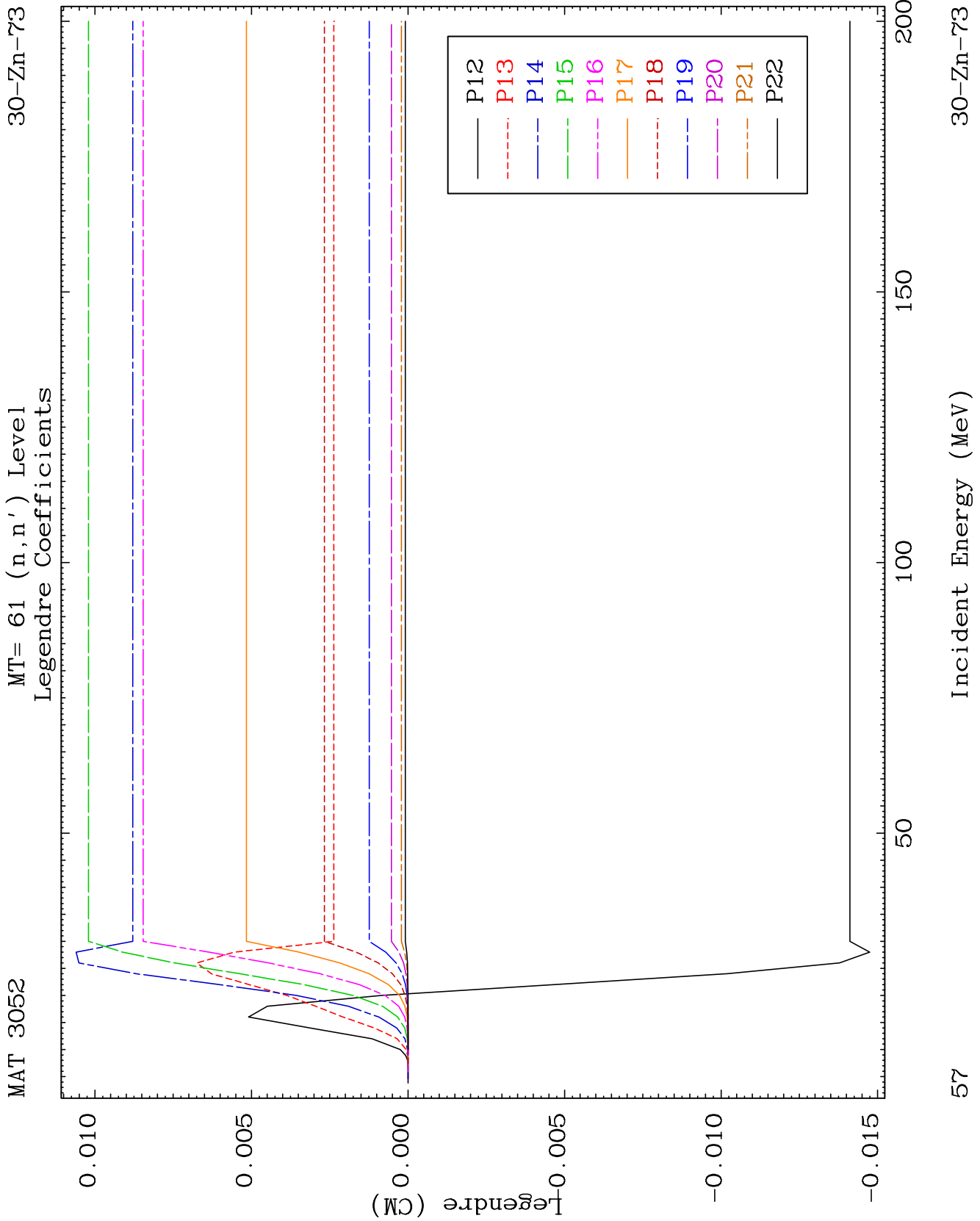


MAT 3052

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

30-Zn-73

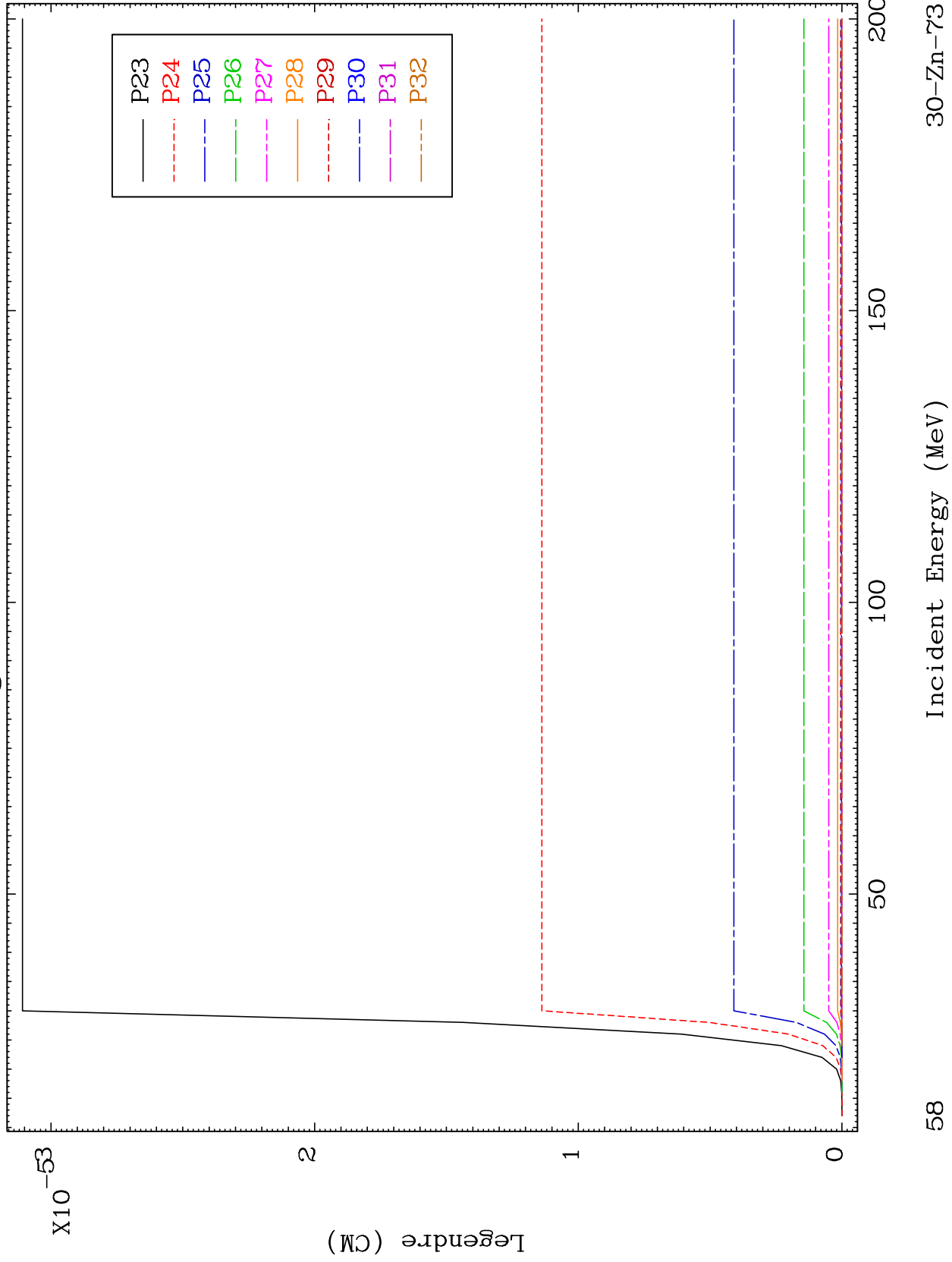




MAT 3052

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

30-Zn-73



58

Incident Energy (MeV)

30-Zn-73

200

150

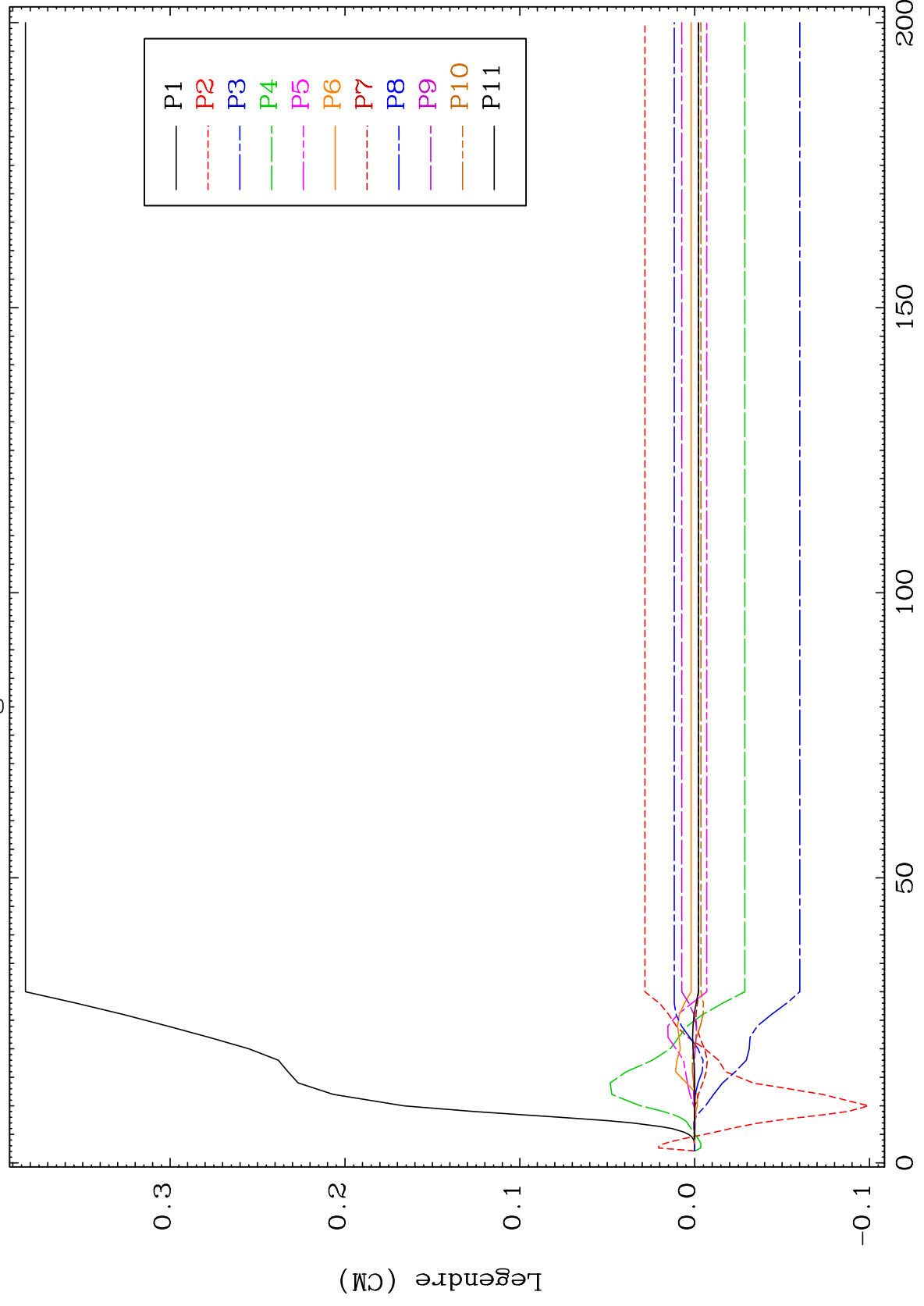
100

50

MAT 3052

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

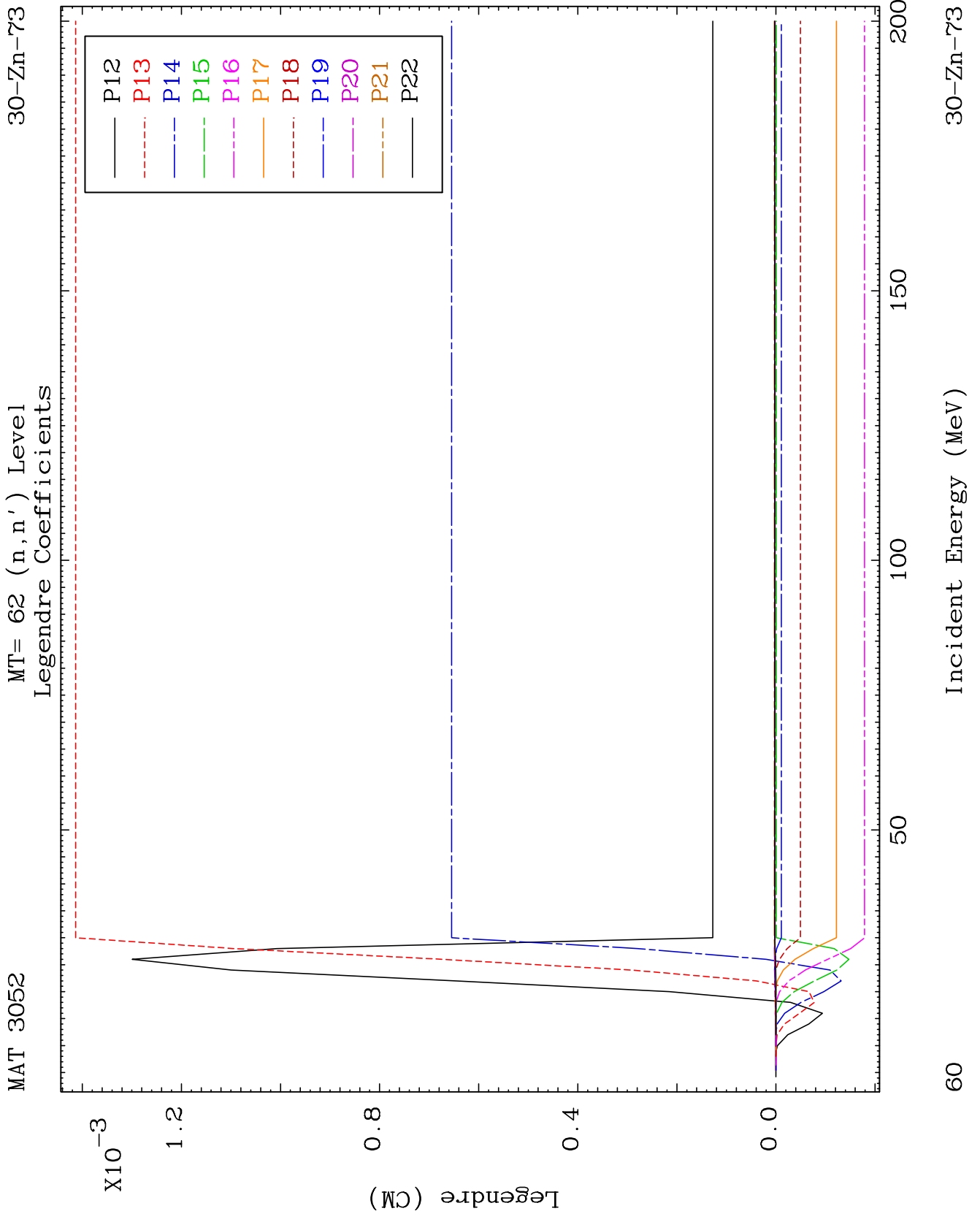
30-Zn-73

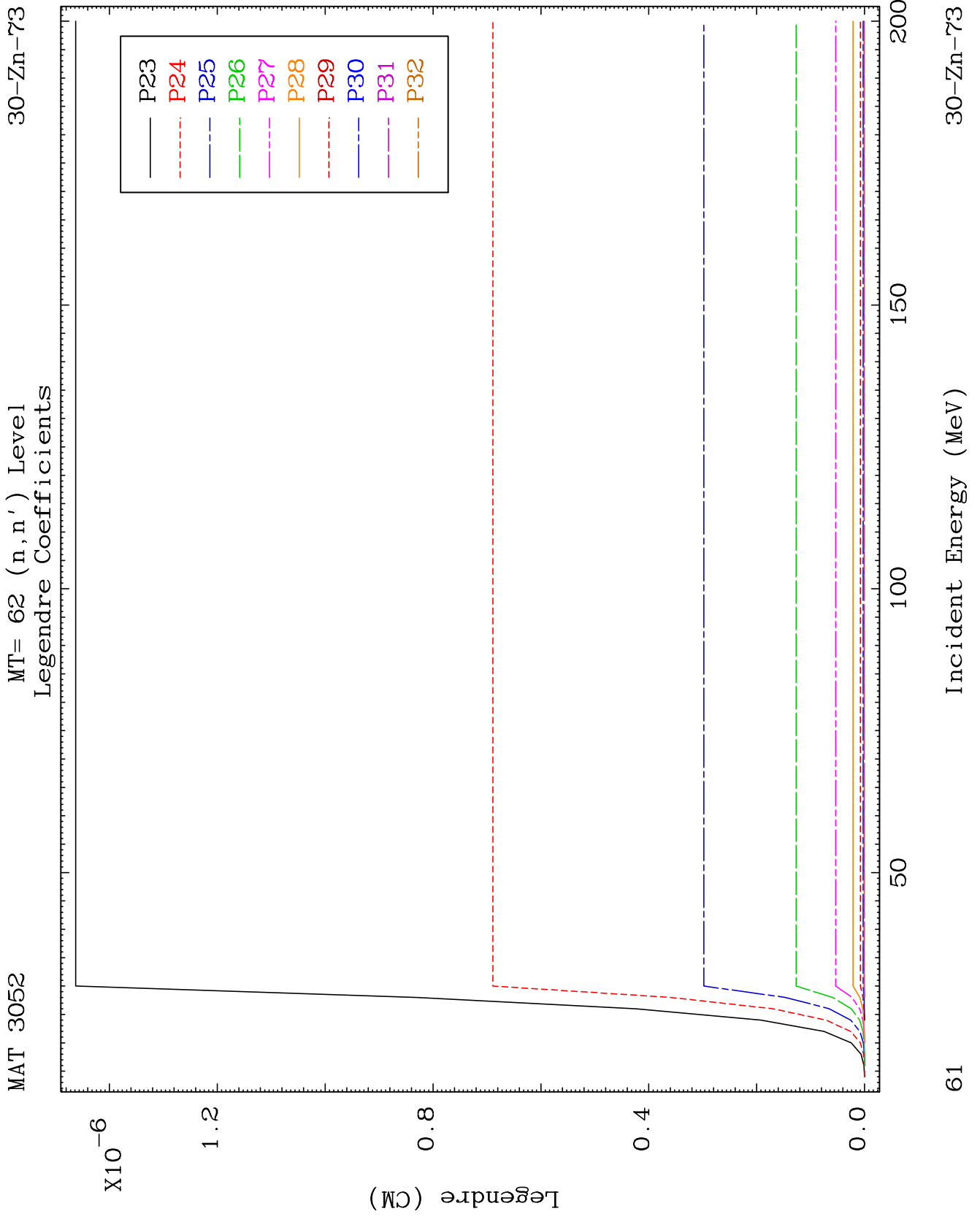


59

Incident Energy (MeV)

30-Zn-73

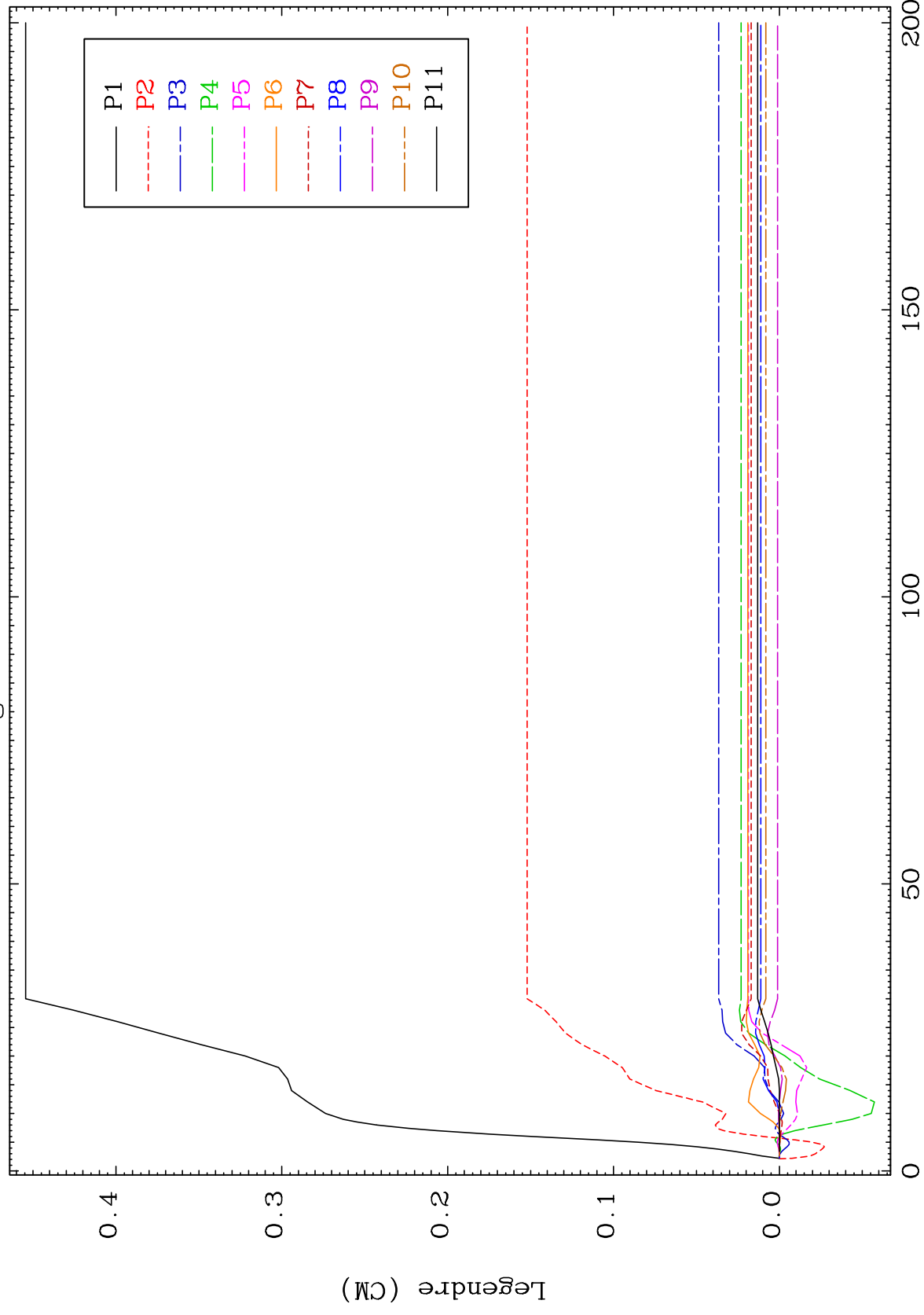




MAT 3052

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

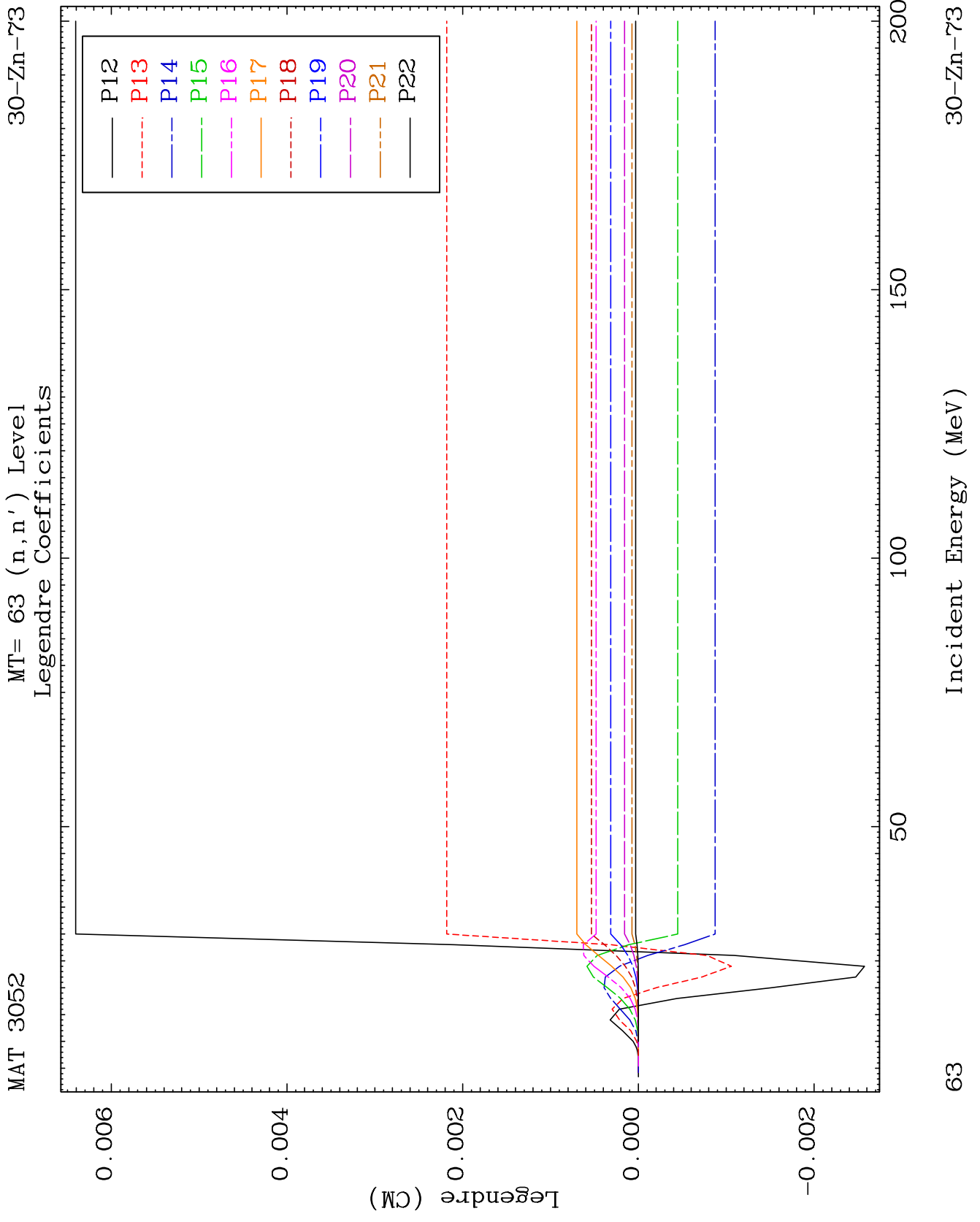
30-Zn-73



30-Zn-73

Incident Energy (MeV)

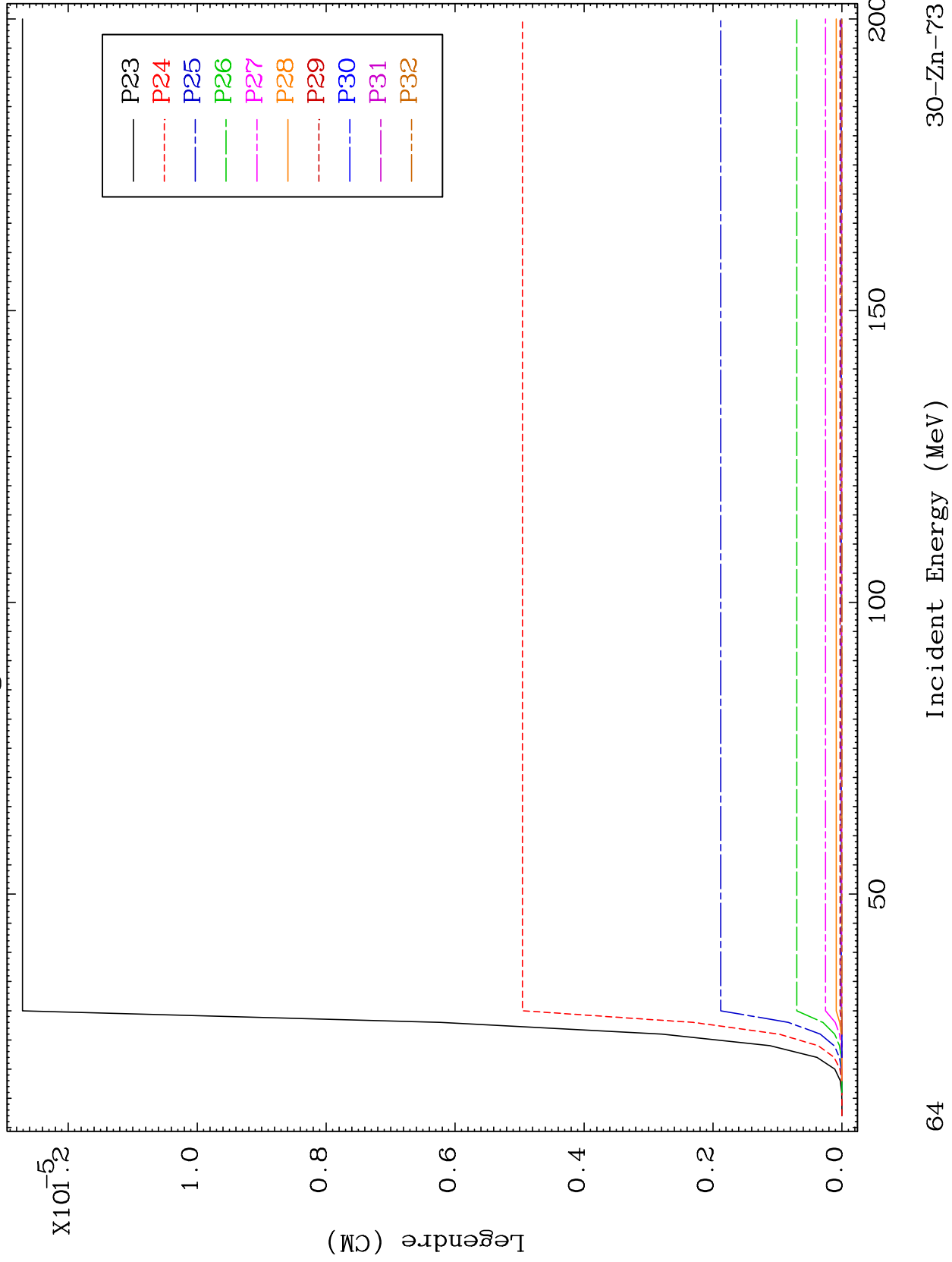
62



MAT 3052

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

30-Zn-73



64

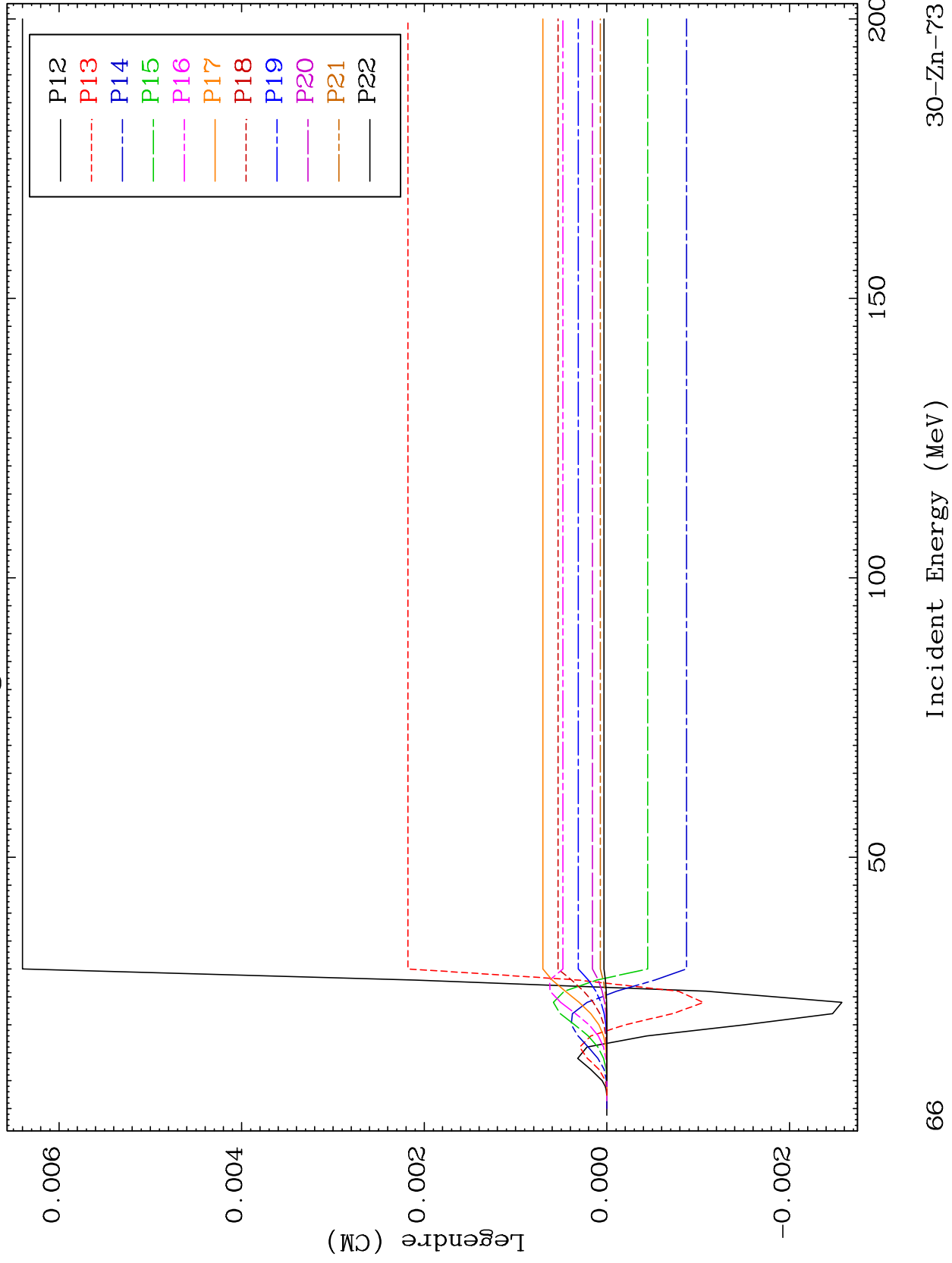
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

30-Zn-73



66

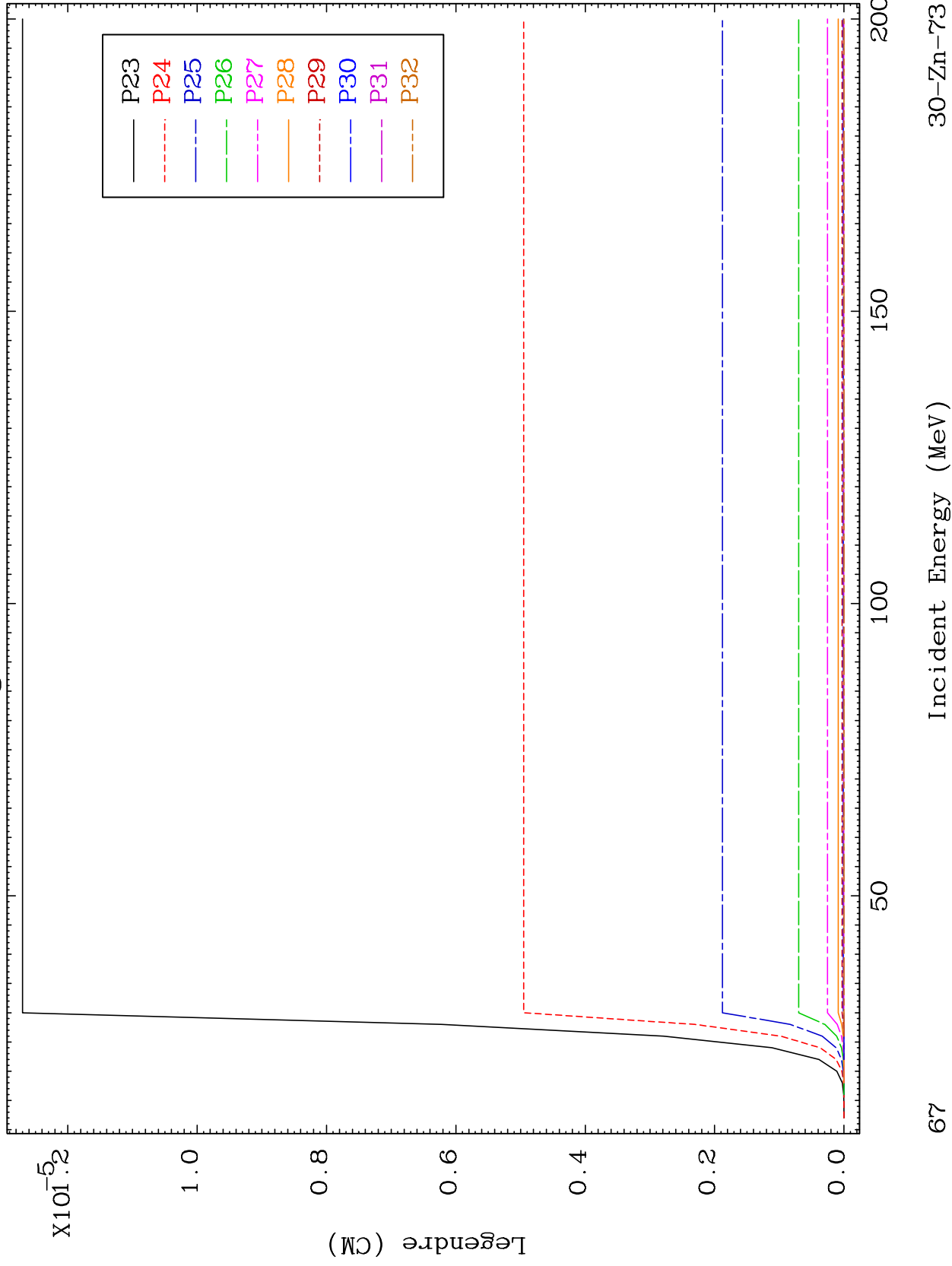
Incident Energy (MeV)

30-Zn-73

MAT 3052

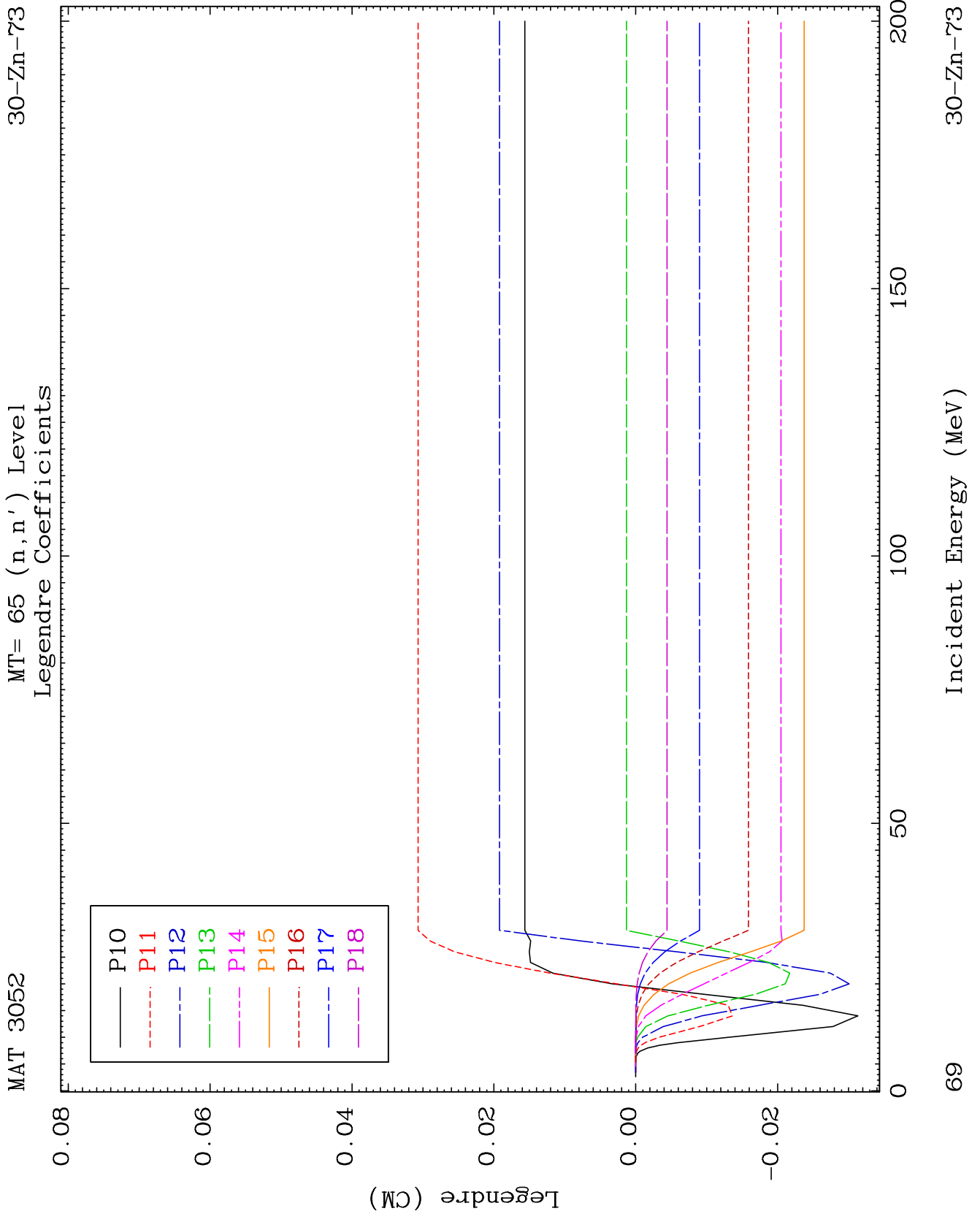
MT= 64 (n,n') Level
Legendre Coefficients

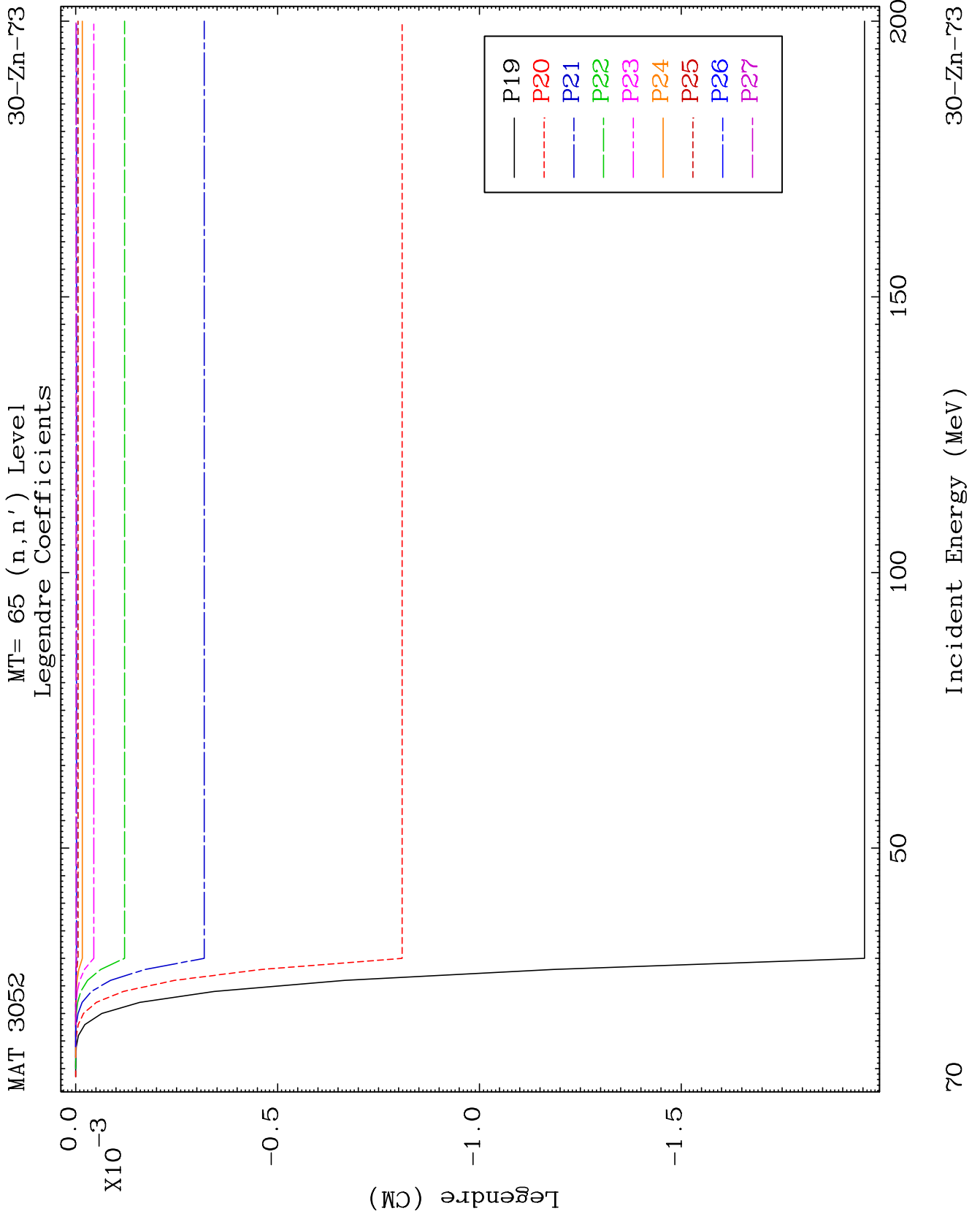
30-Zn-73

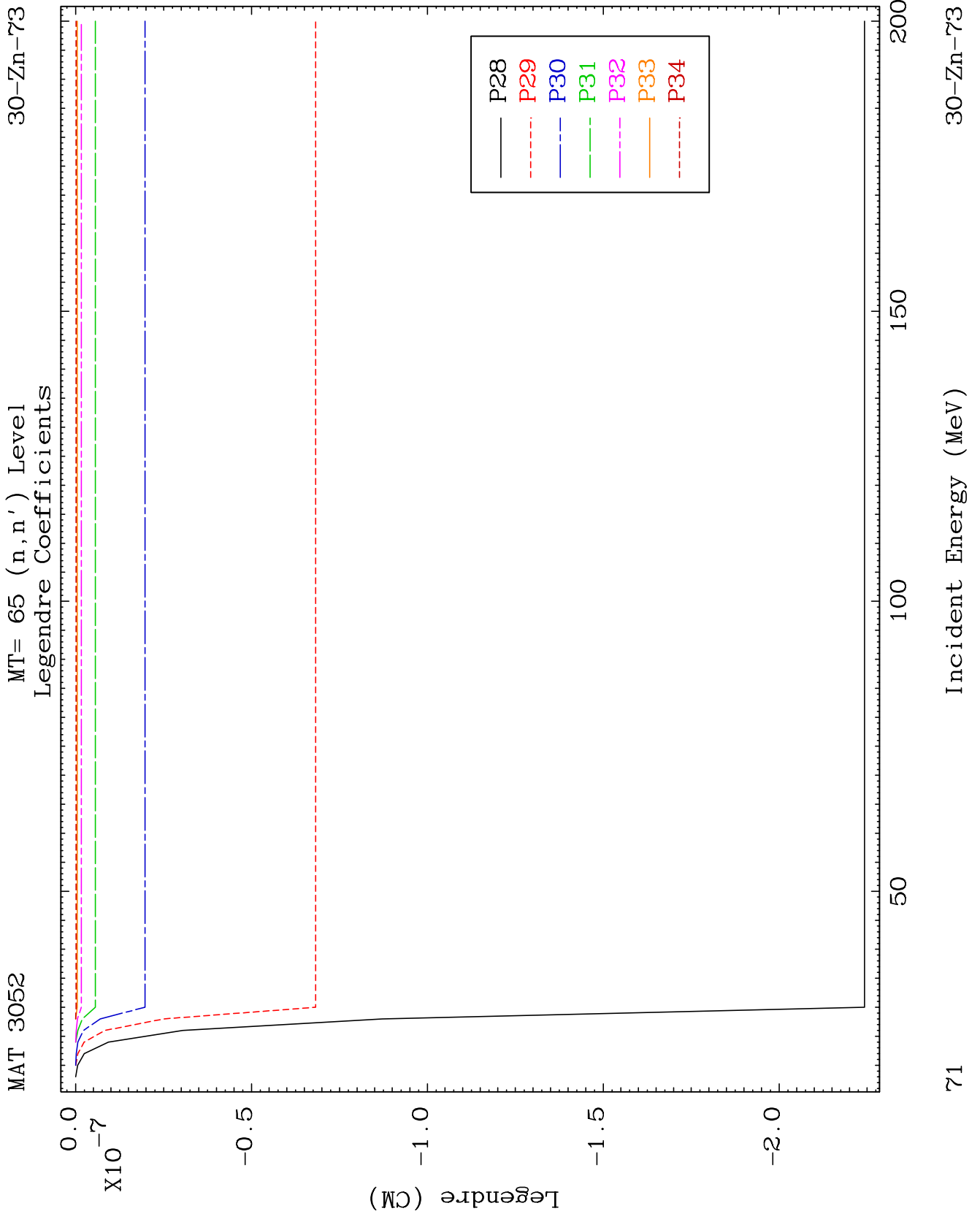


67

30-Zn-73



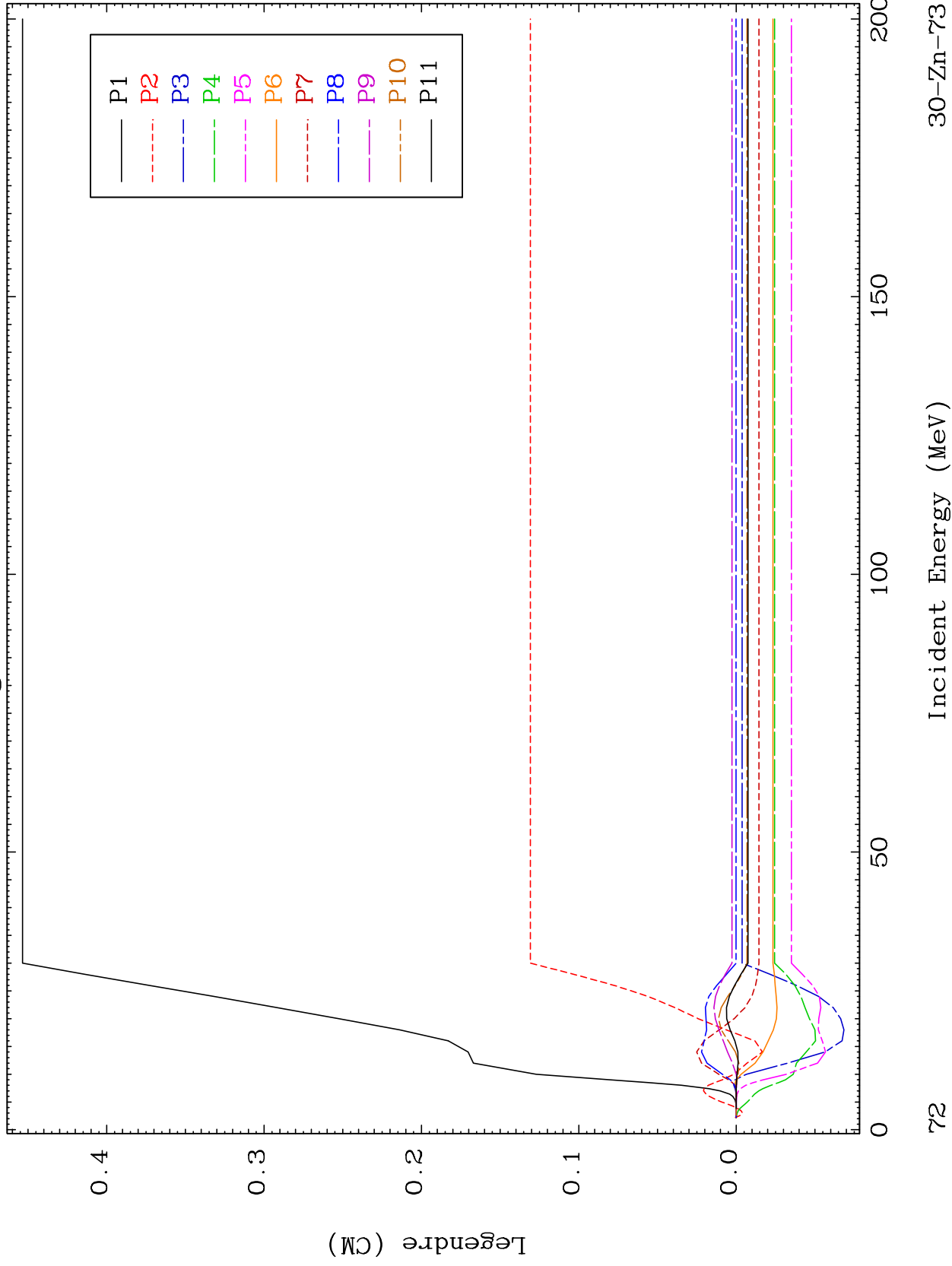




MAT 3052

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

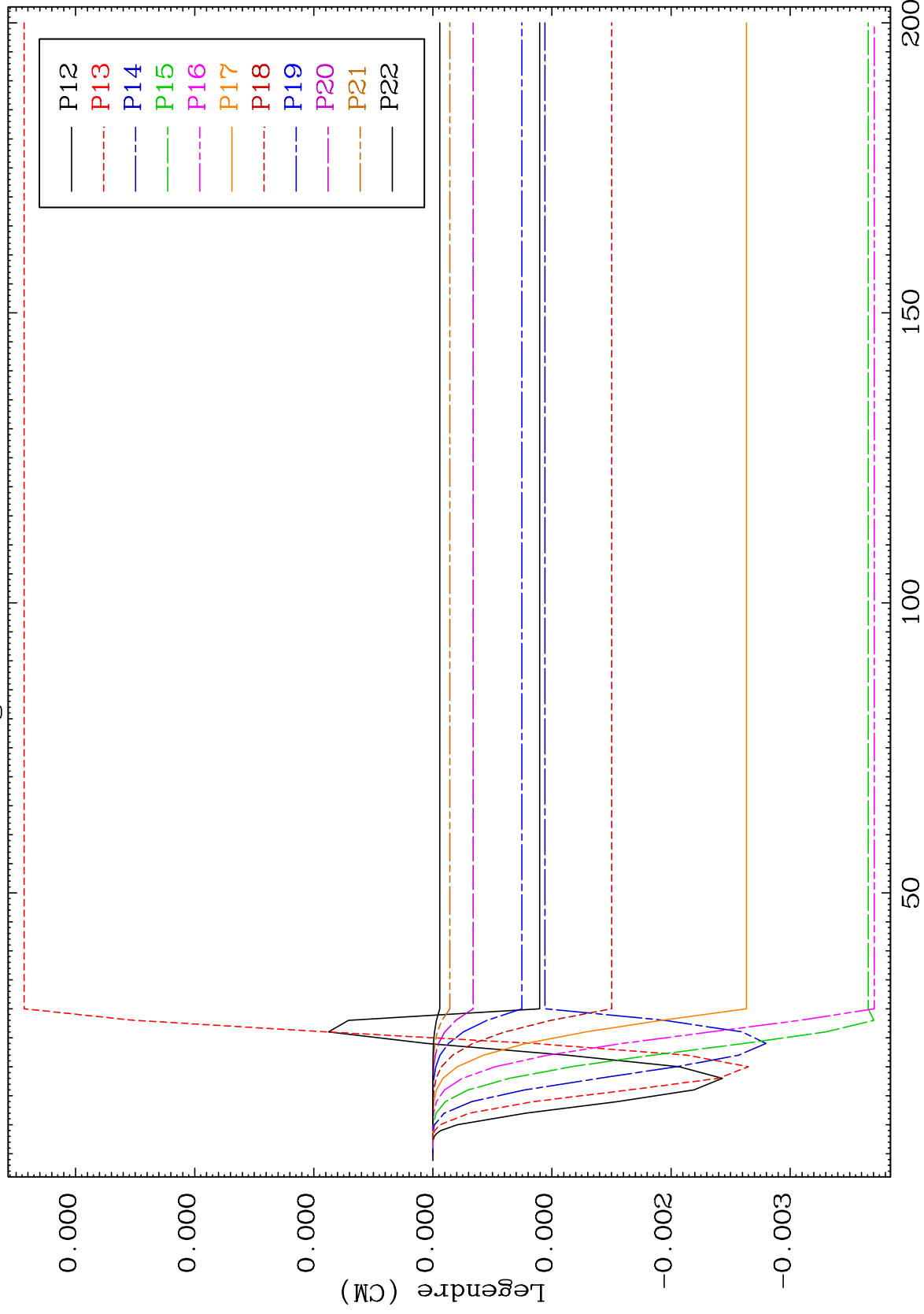
30-Zn-73



MAT 3052

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

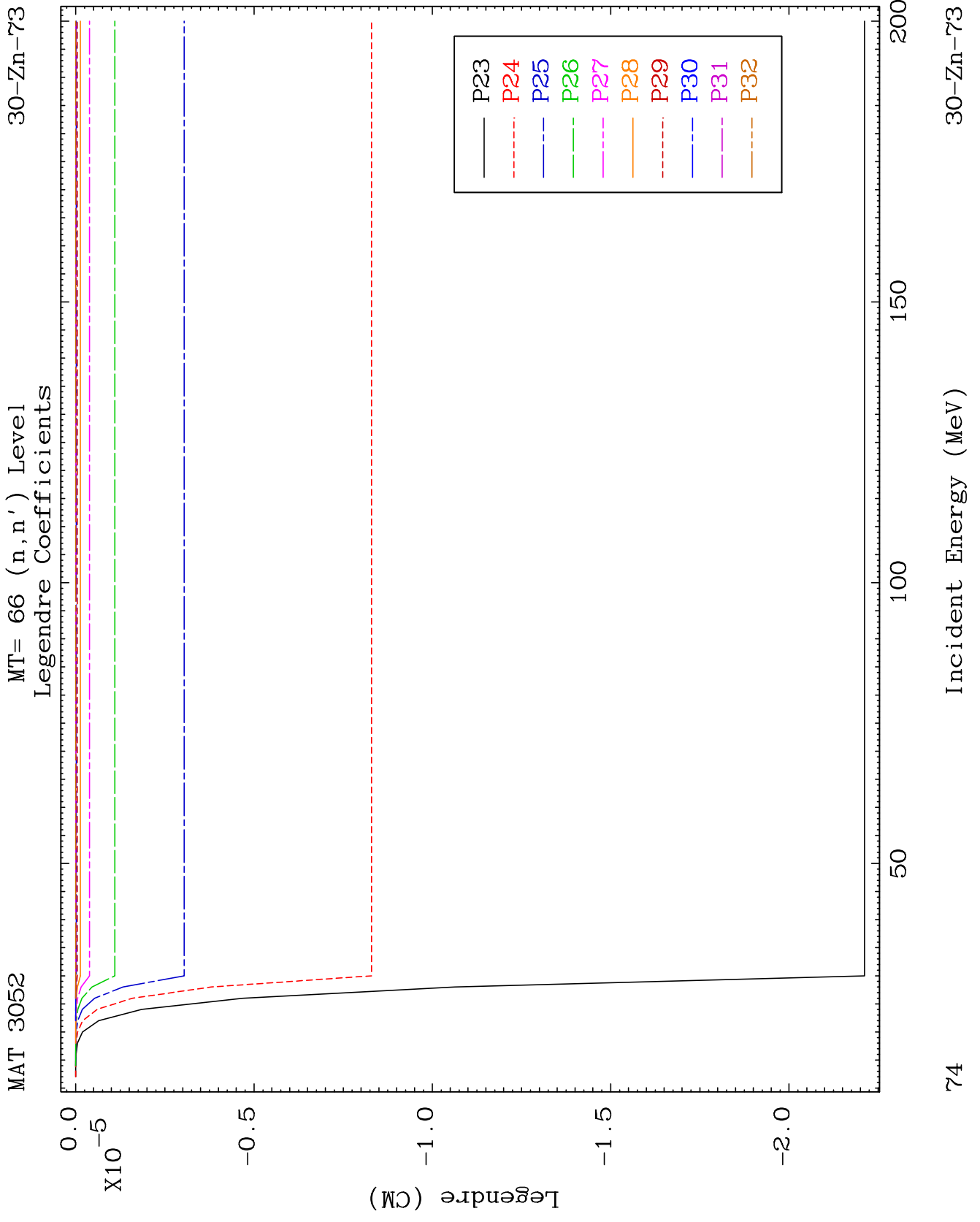
30-Zn-73



73

Incident Energy (MeV)

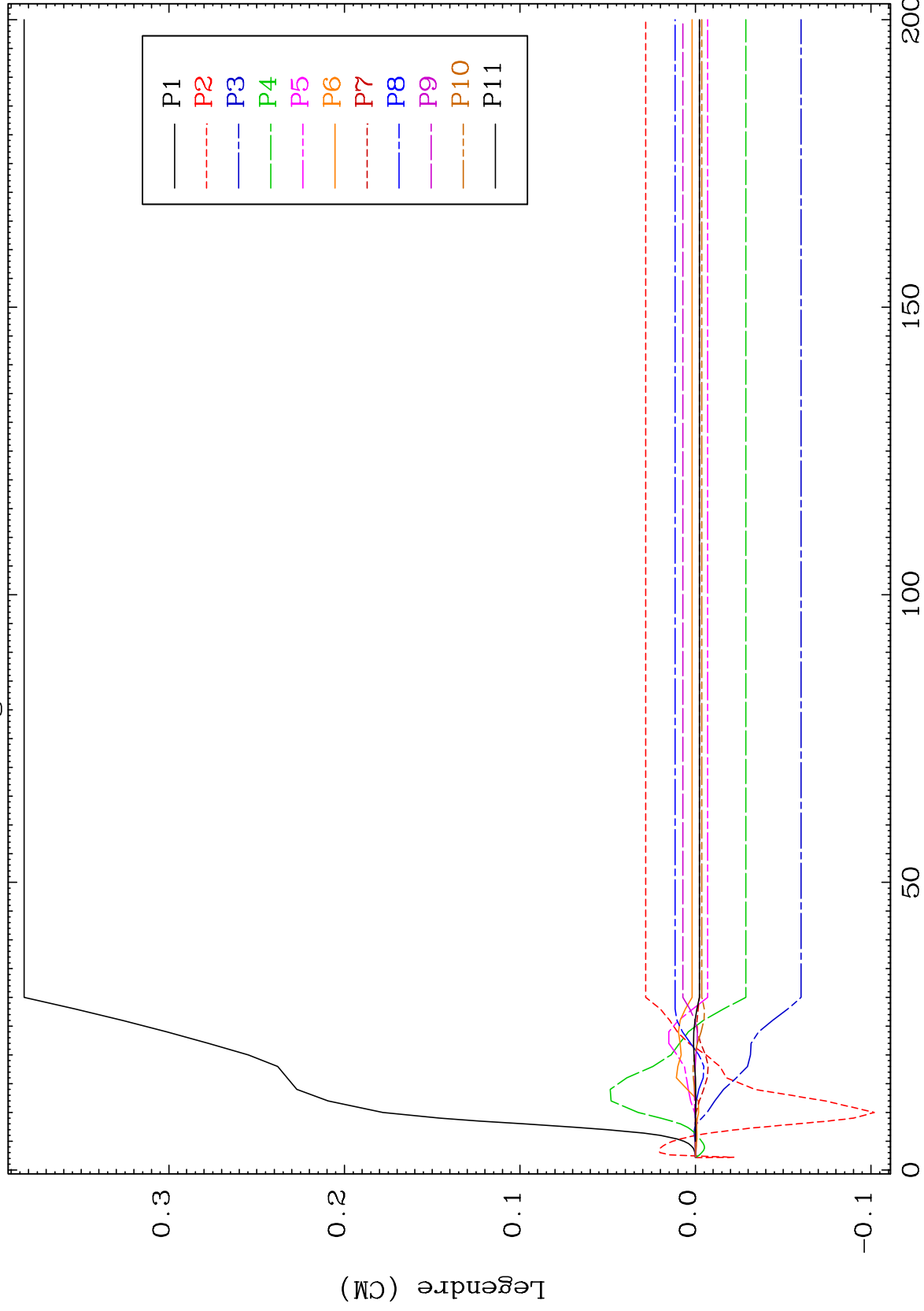
30-Zn-73



MAT 3052

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

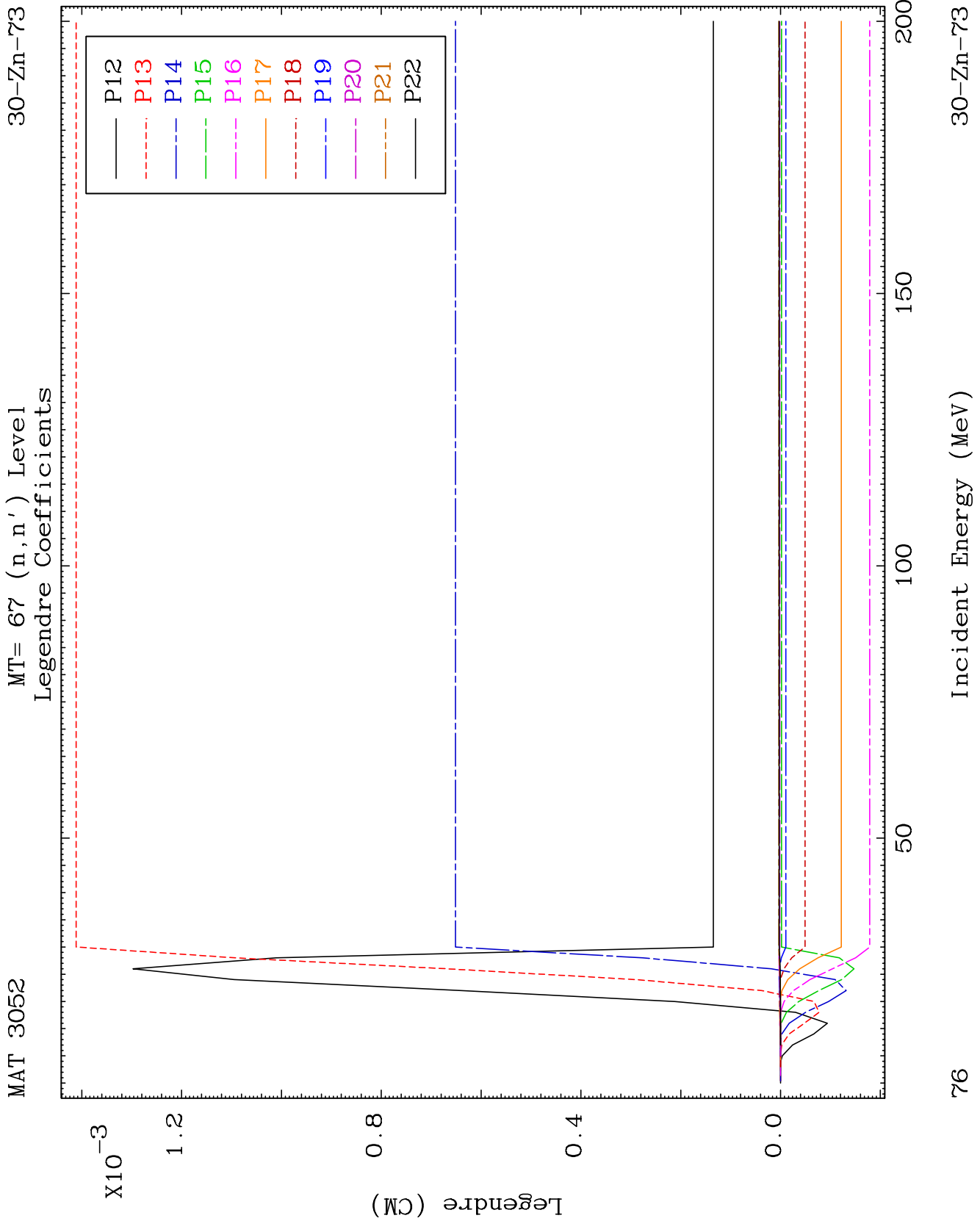
30-Zn-73

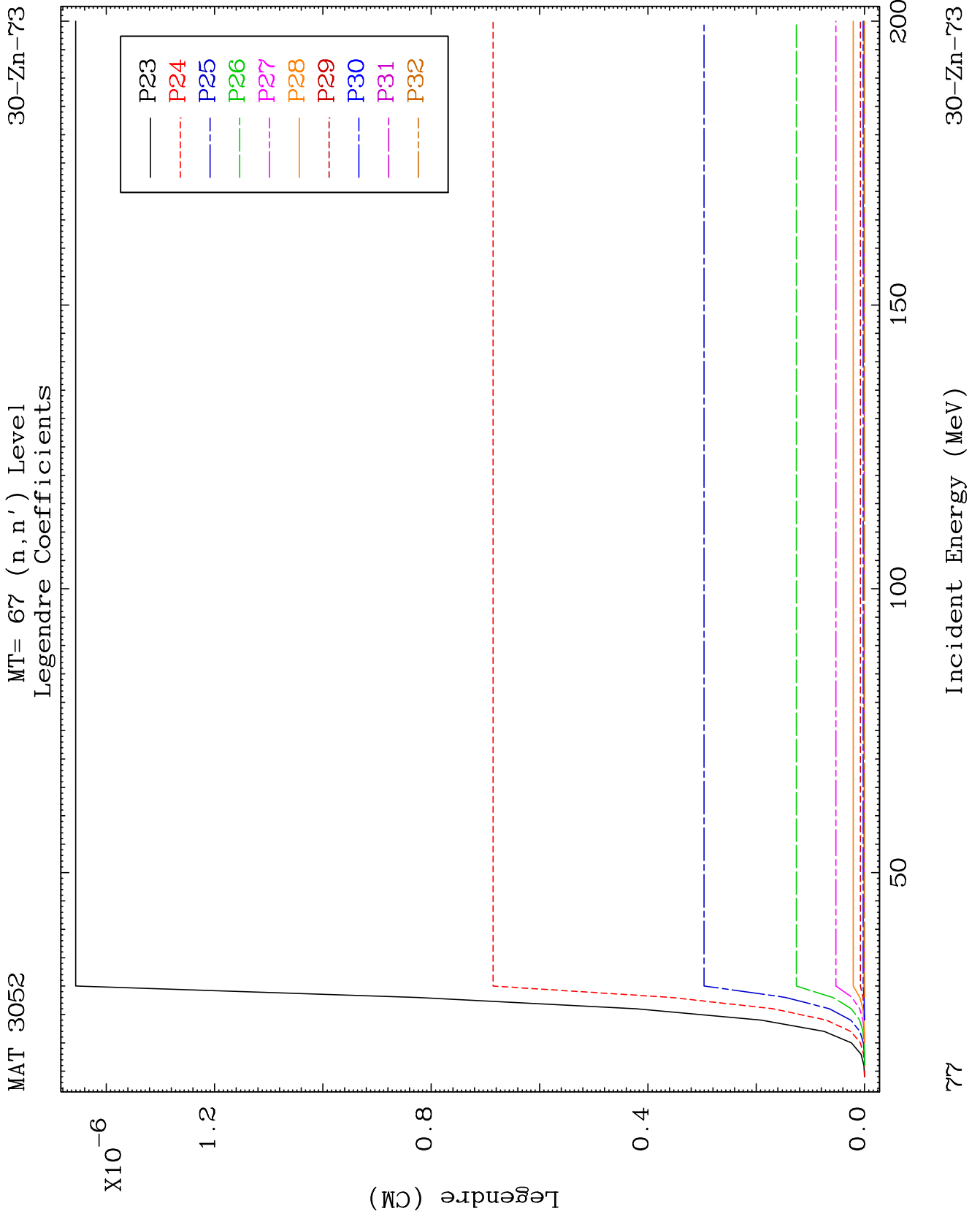


30-Zn-73

Incident Energy (MeV)

75

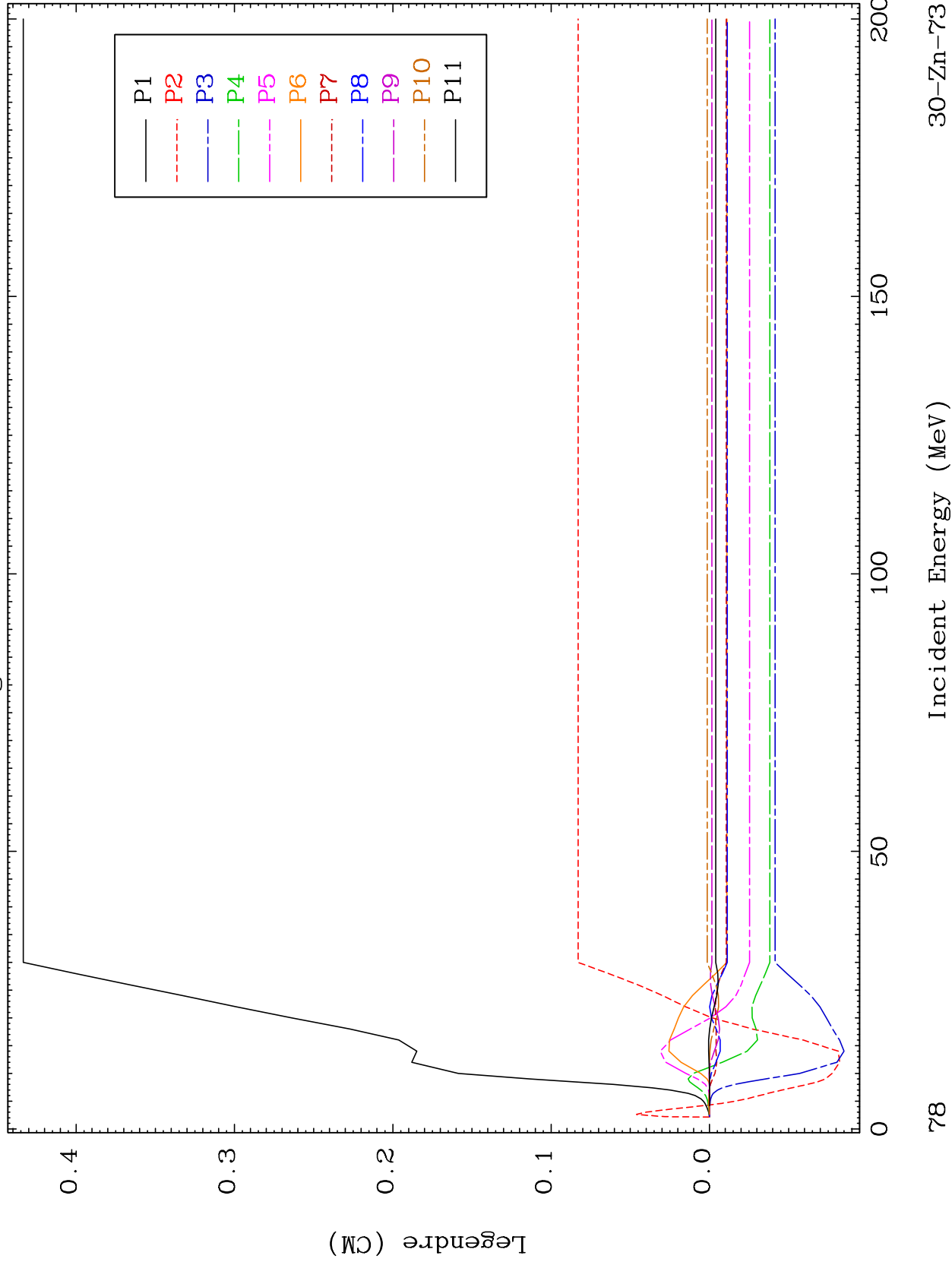




MAT 3052

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

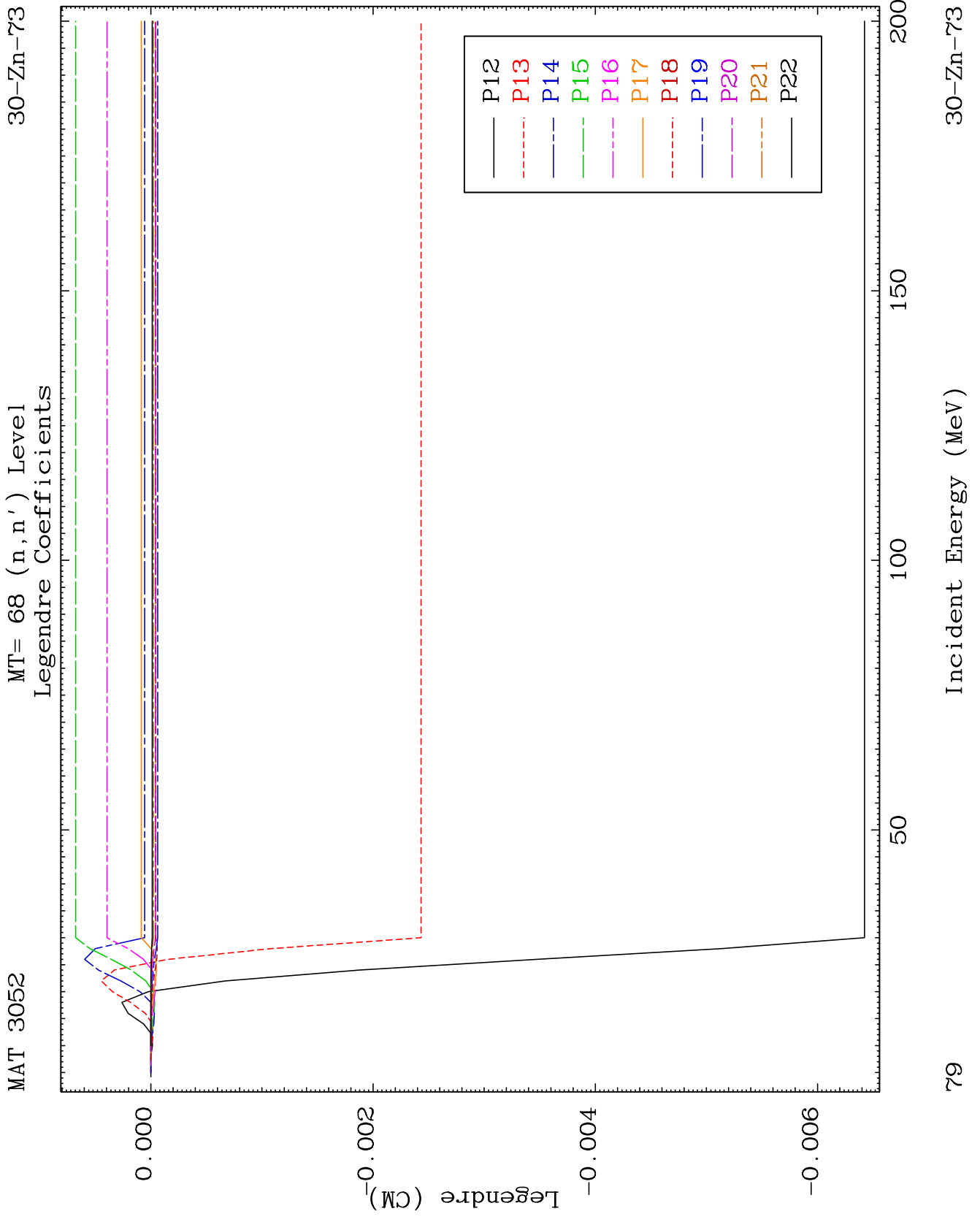
30-Zn-73

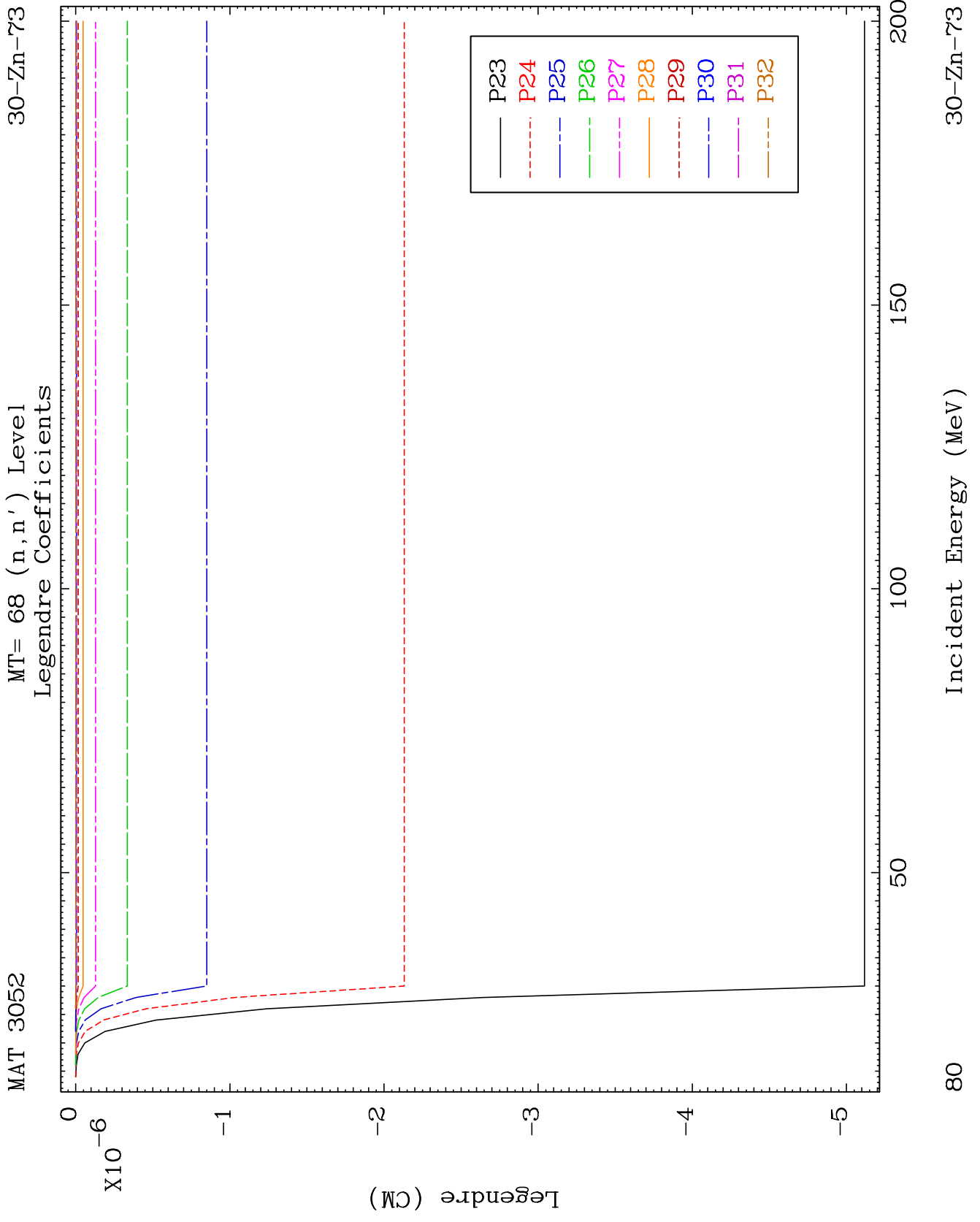


30-Zn-73

Incident Energy (MeV)

78

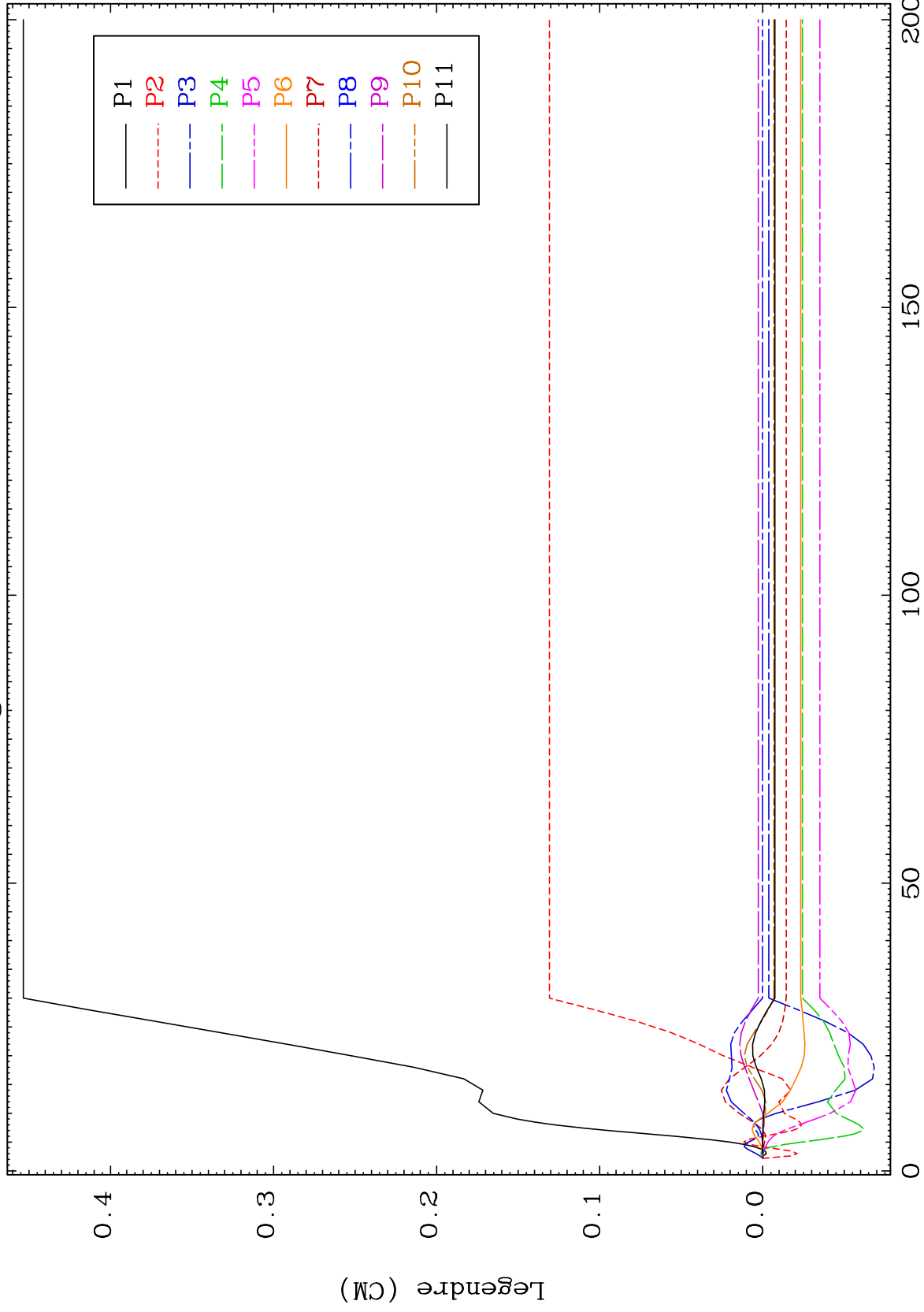




MAT 3052

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

30-Zn-73



81

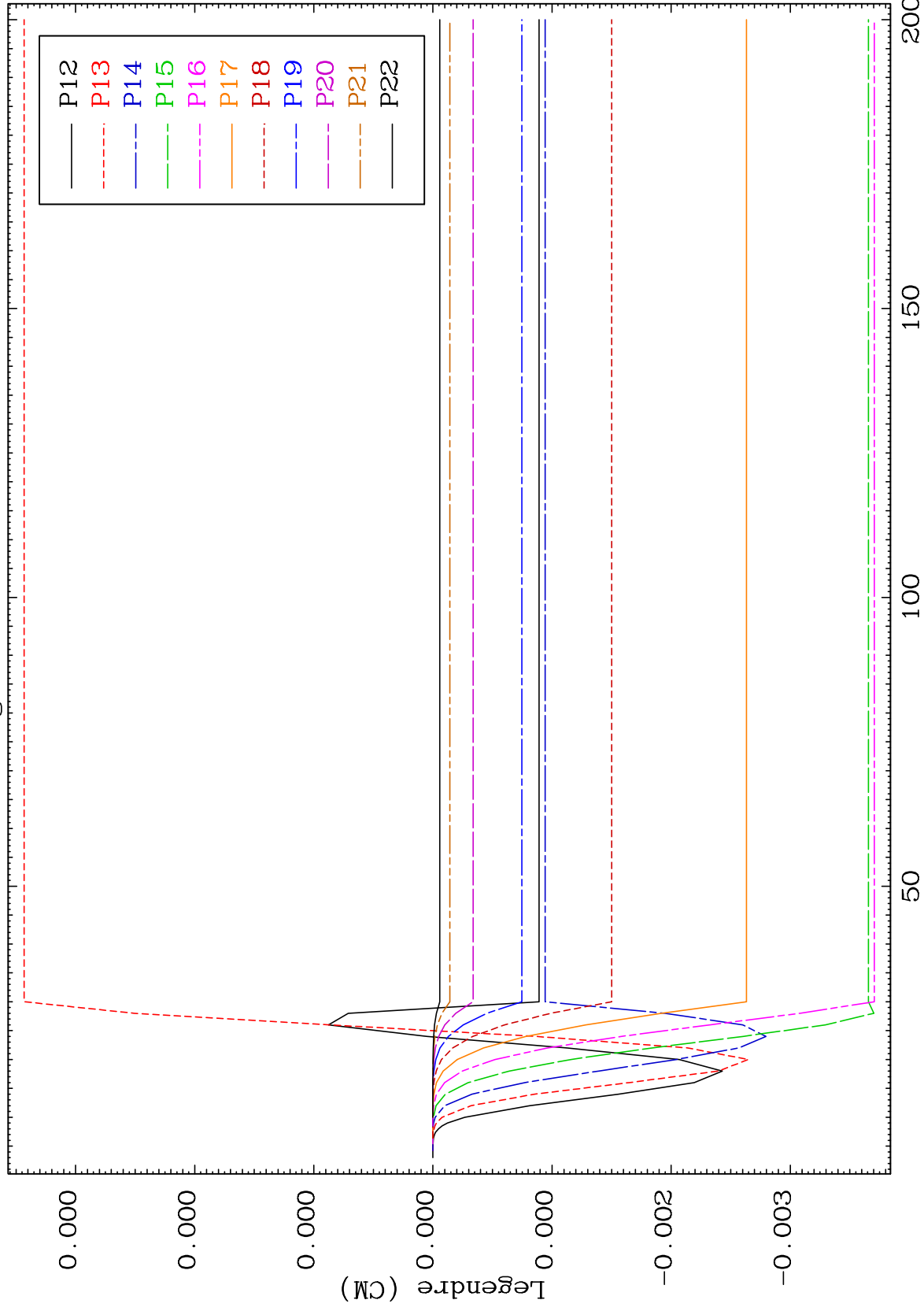
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

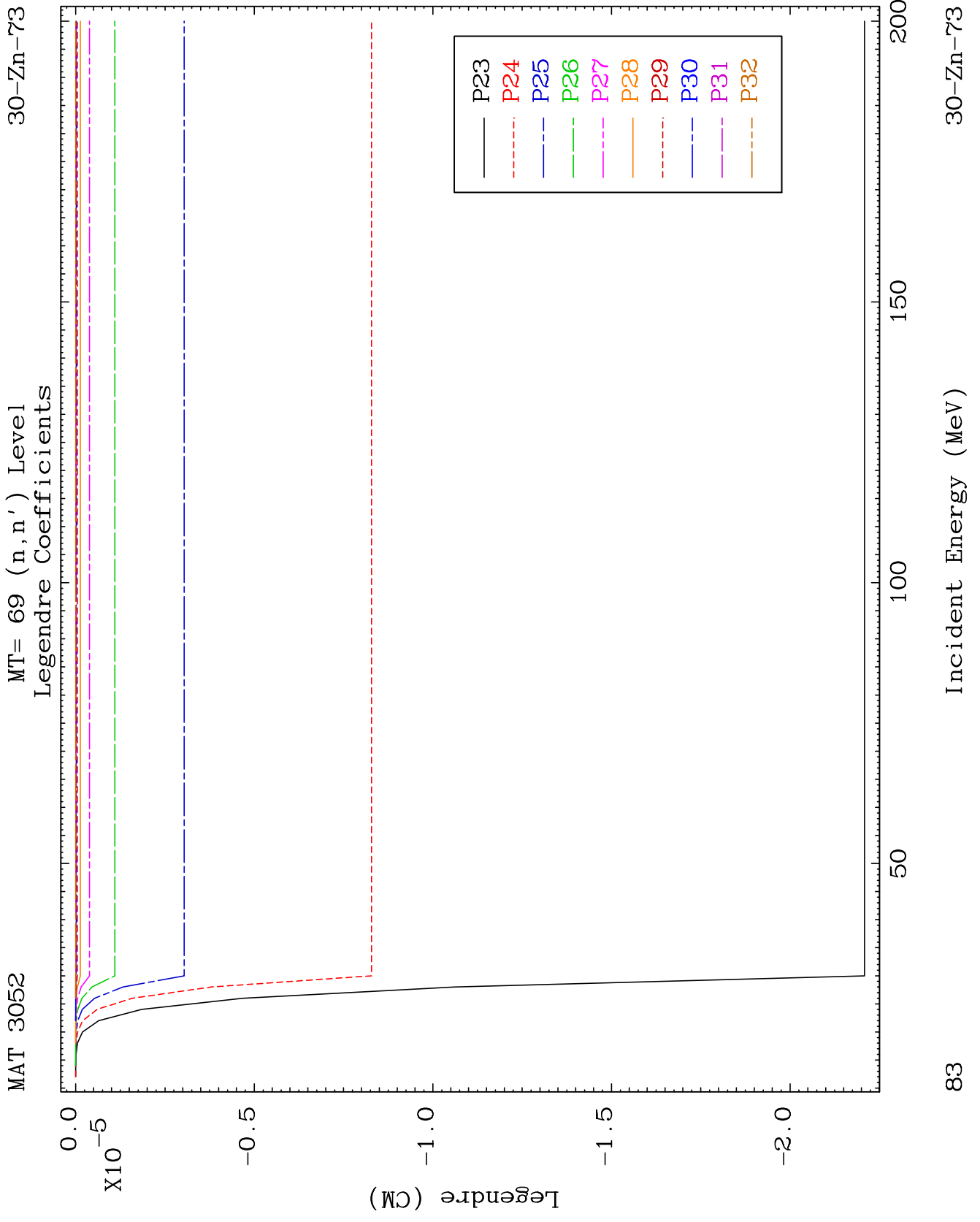
30-Zn-73

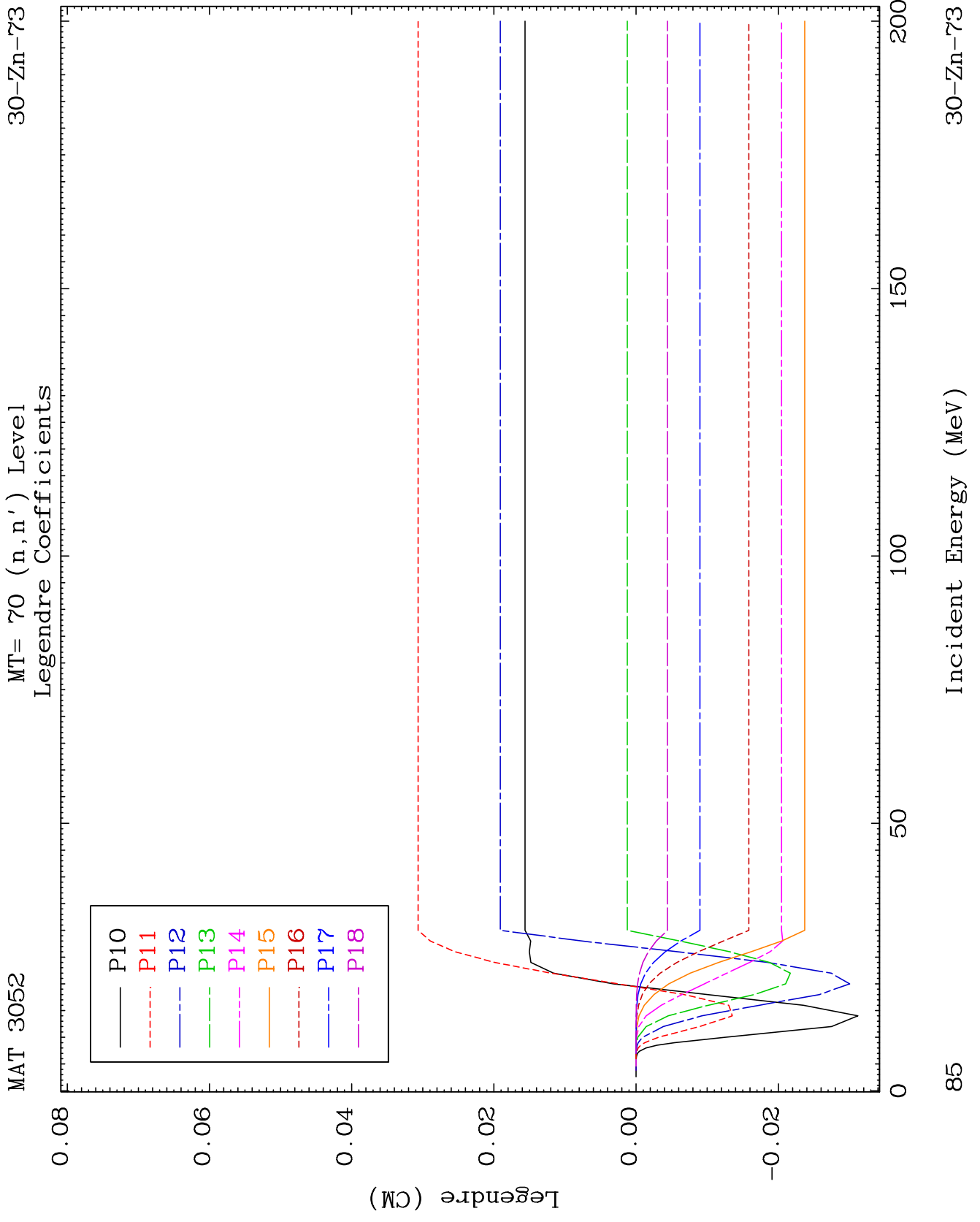


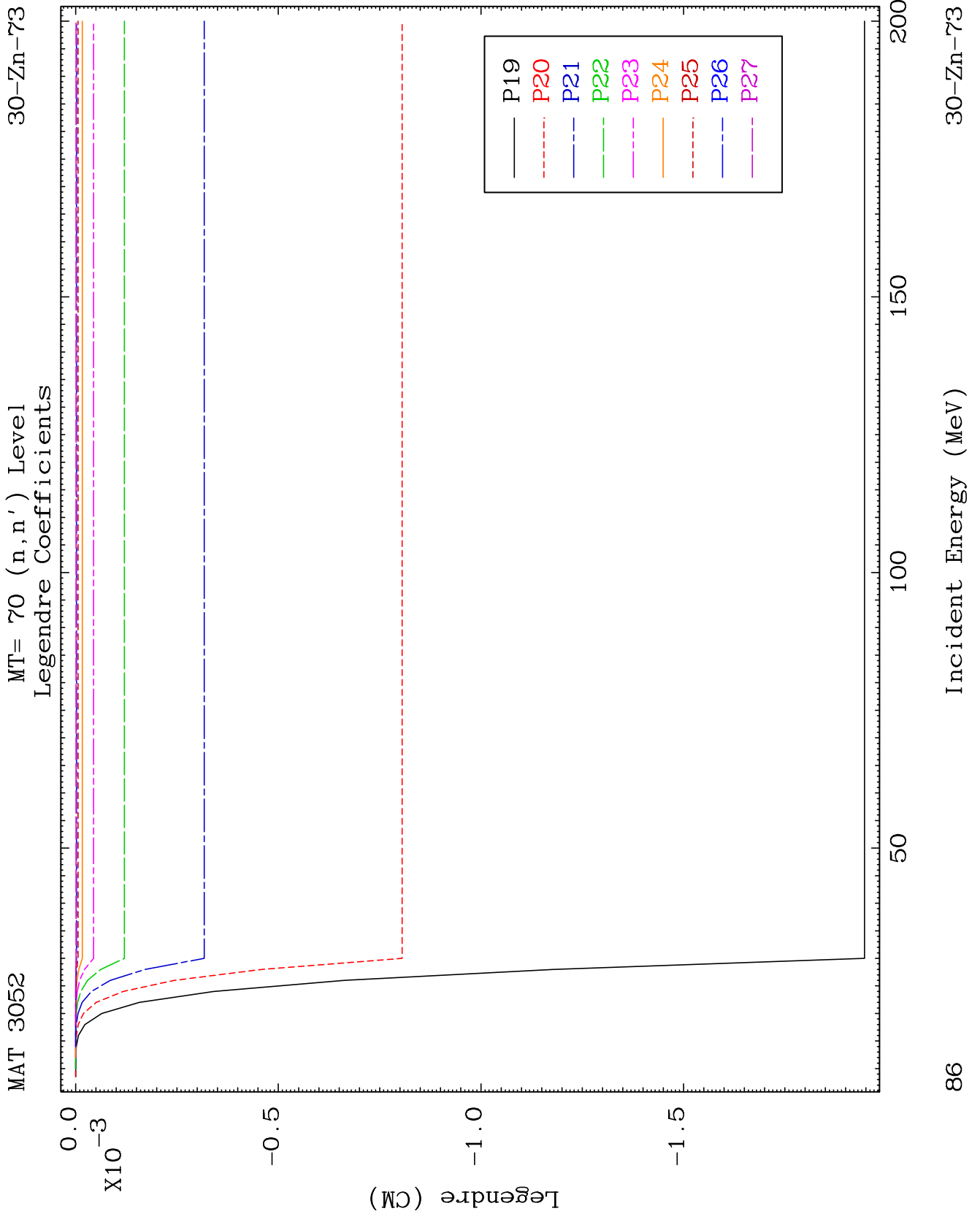
82

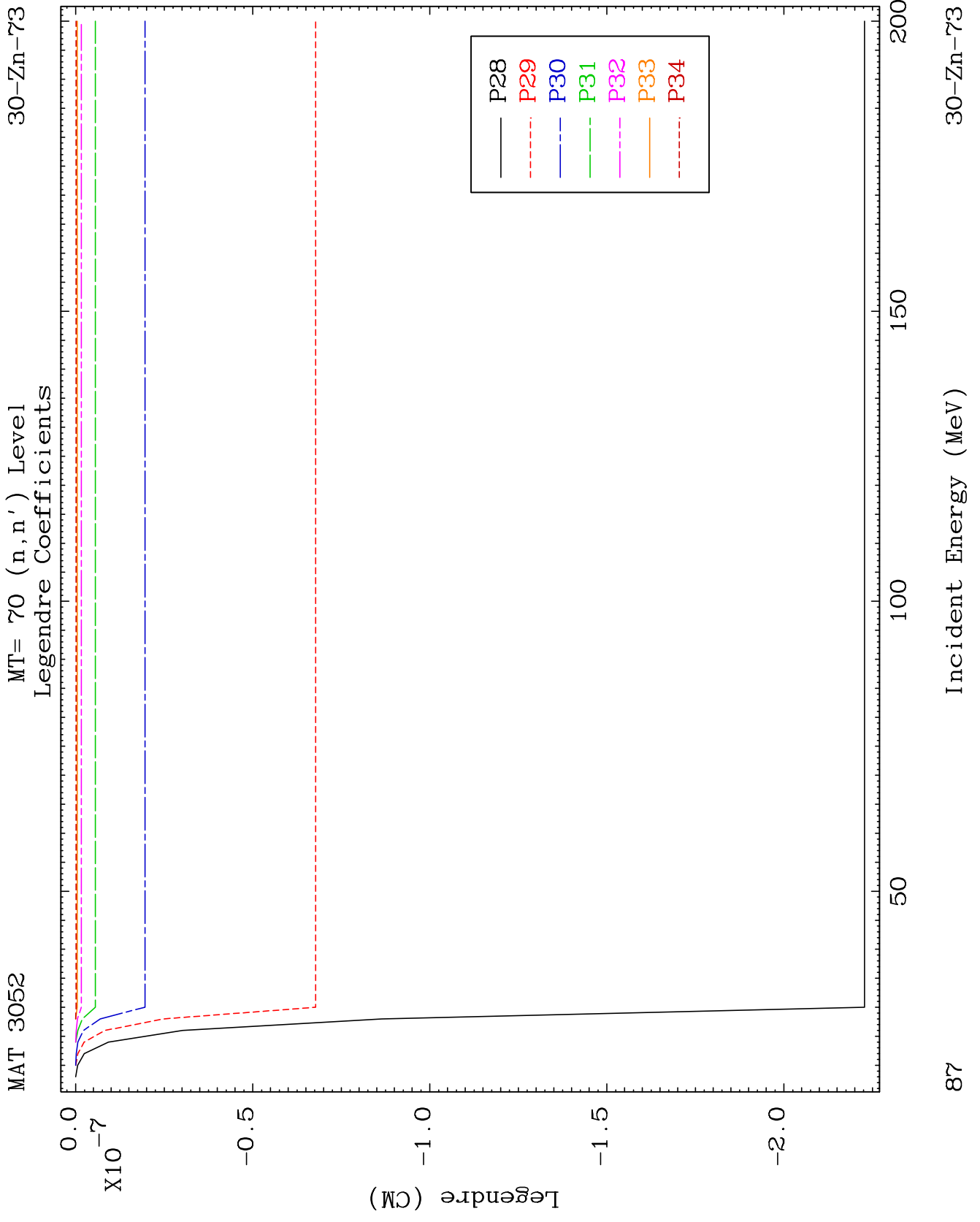
Incident Energy (MeV)

30-Zn-73





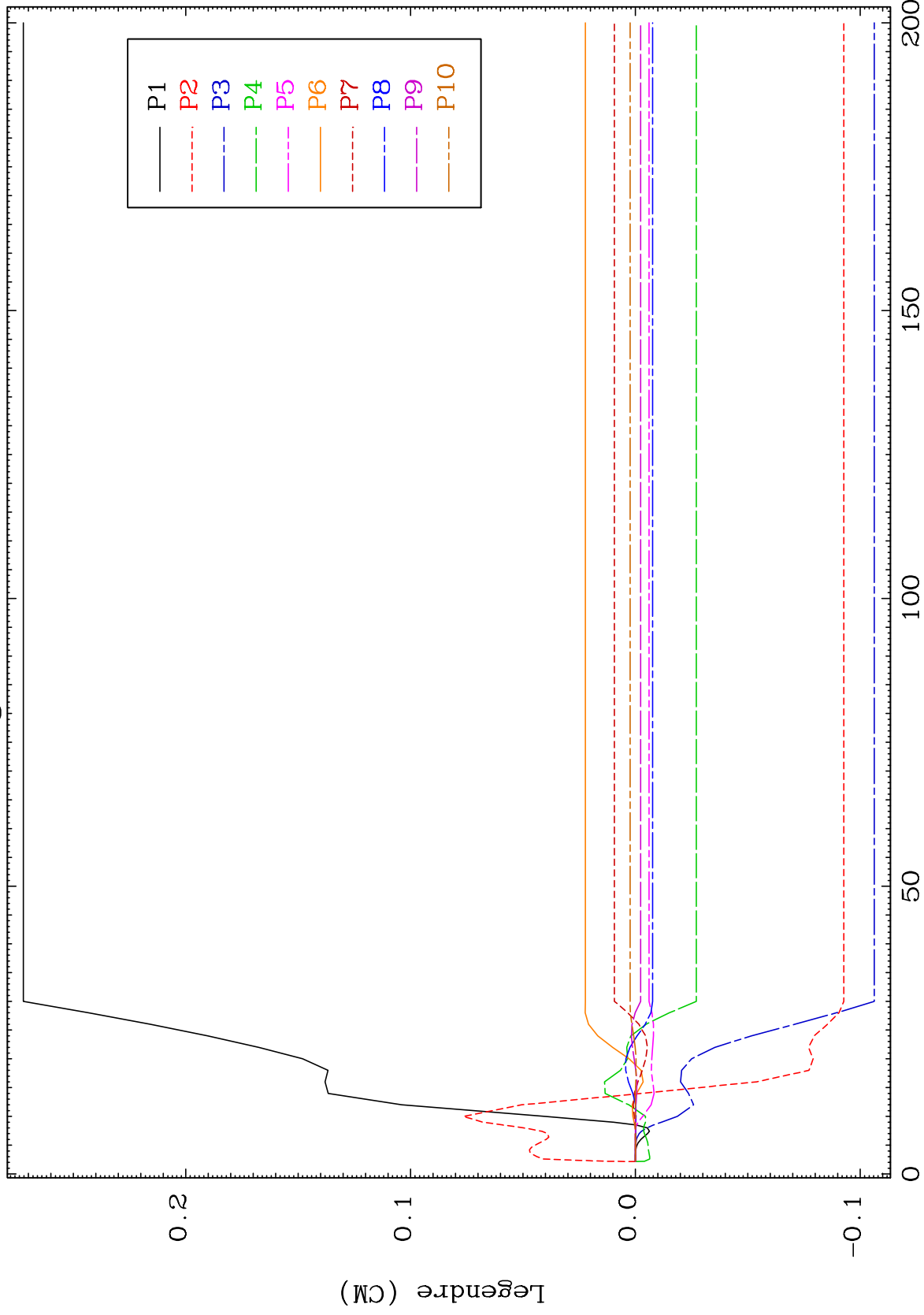




MAT 3052

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

30-Zn-73



88

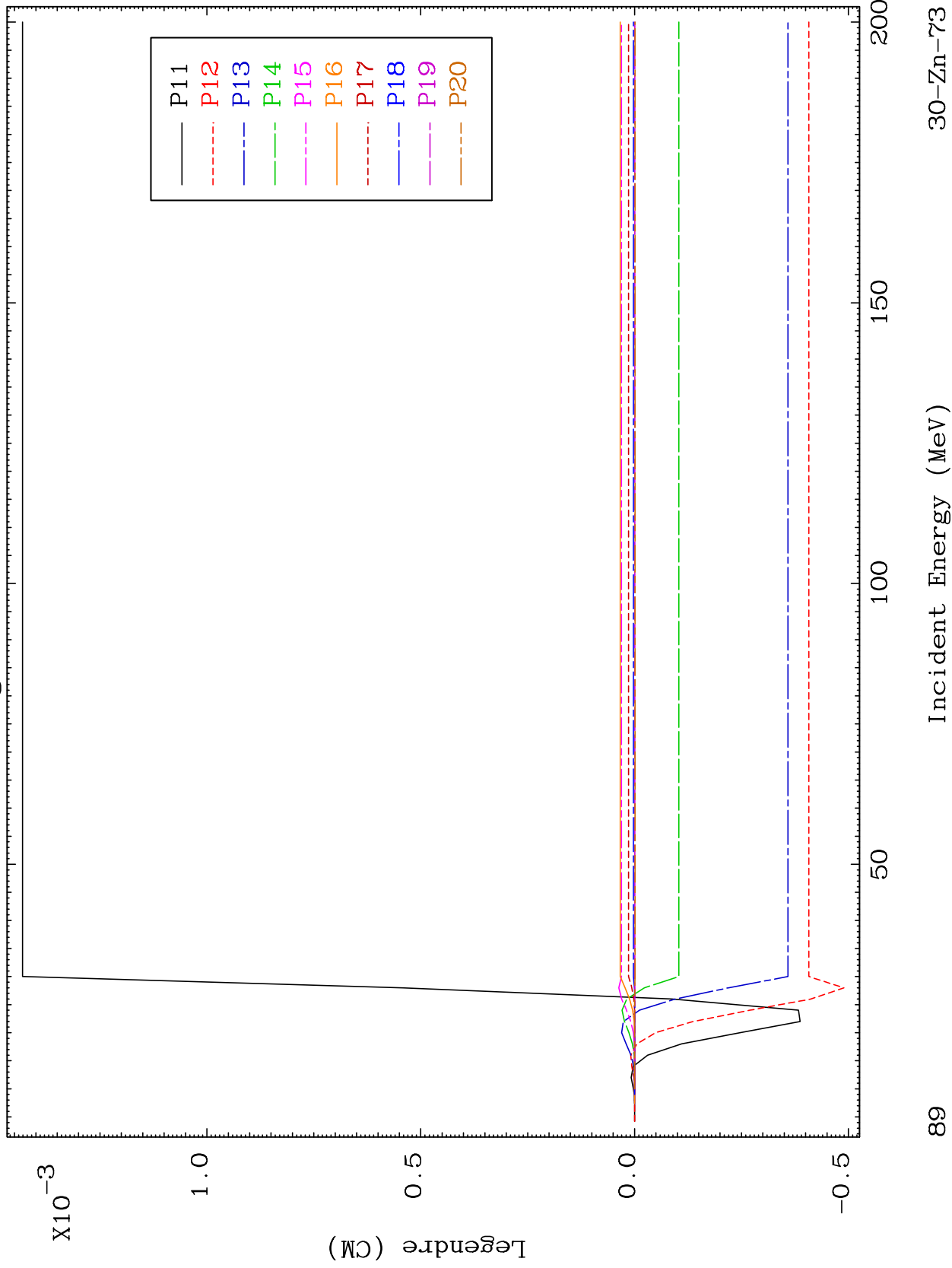
Incident Energy (MeV)

30-Zn-73

MAT 3052

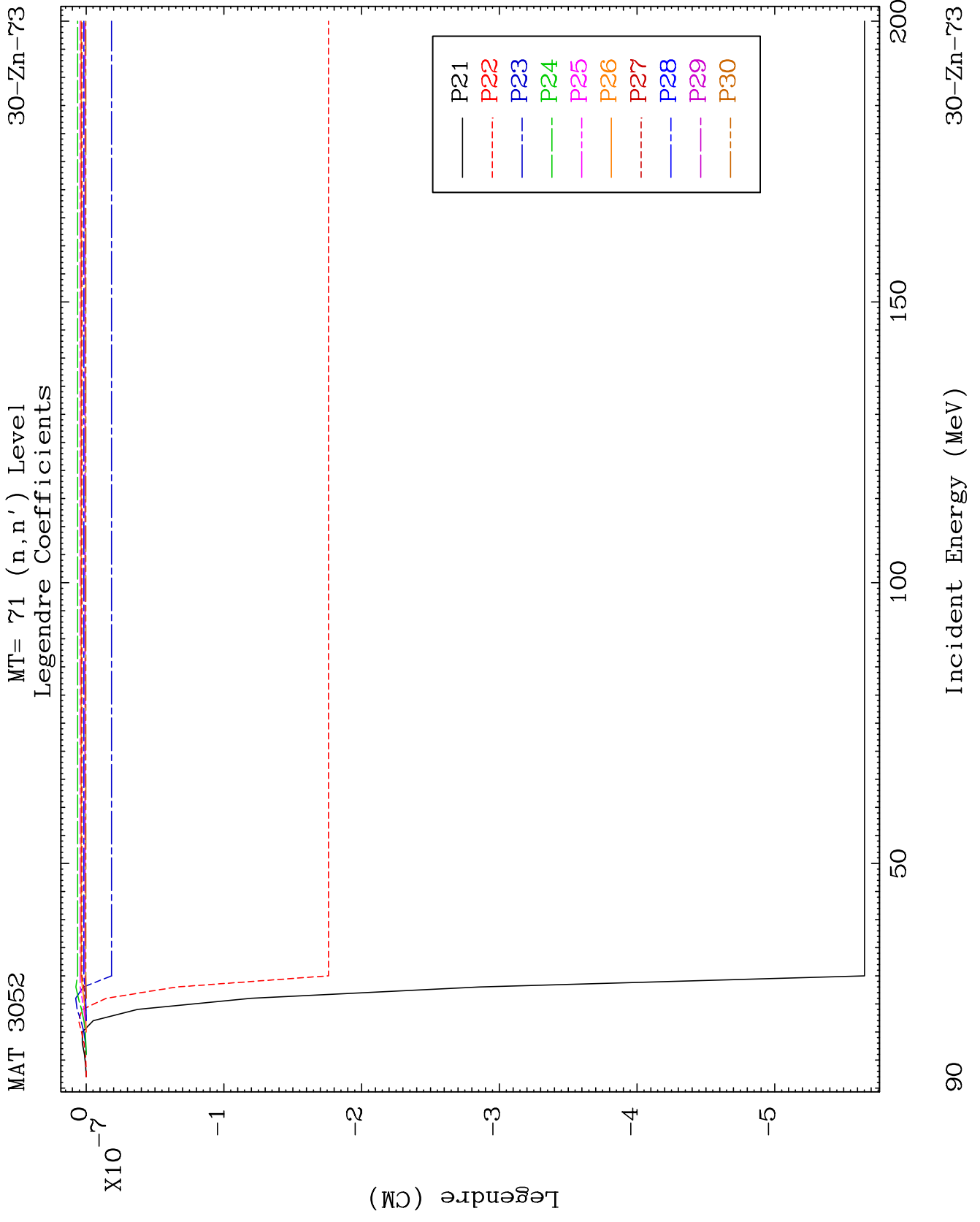
MT= 71 (n,n') Level
Legendre Coefficients

30-Zn-73



89

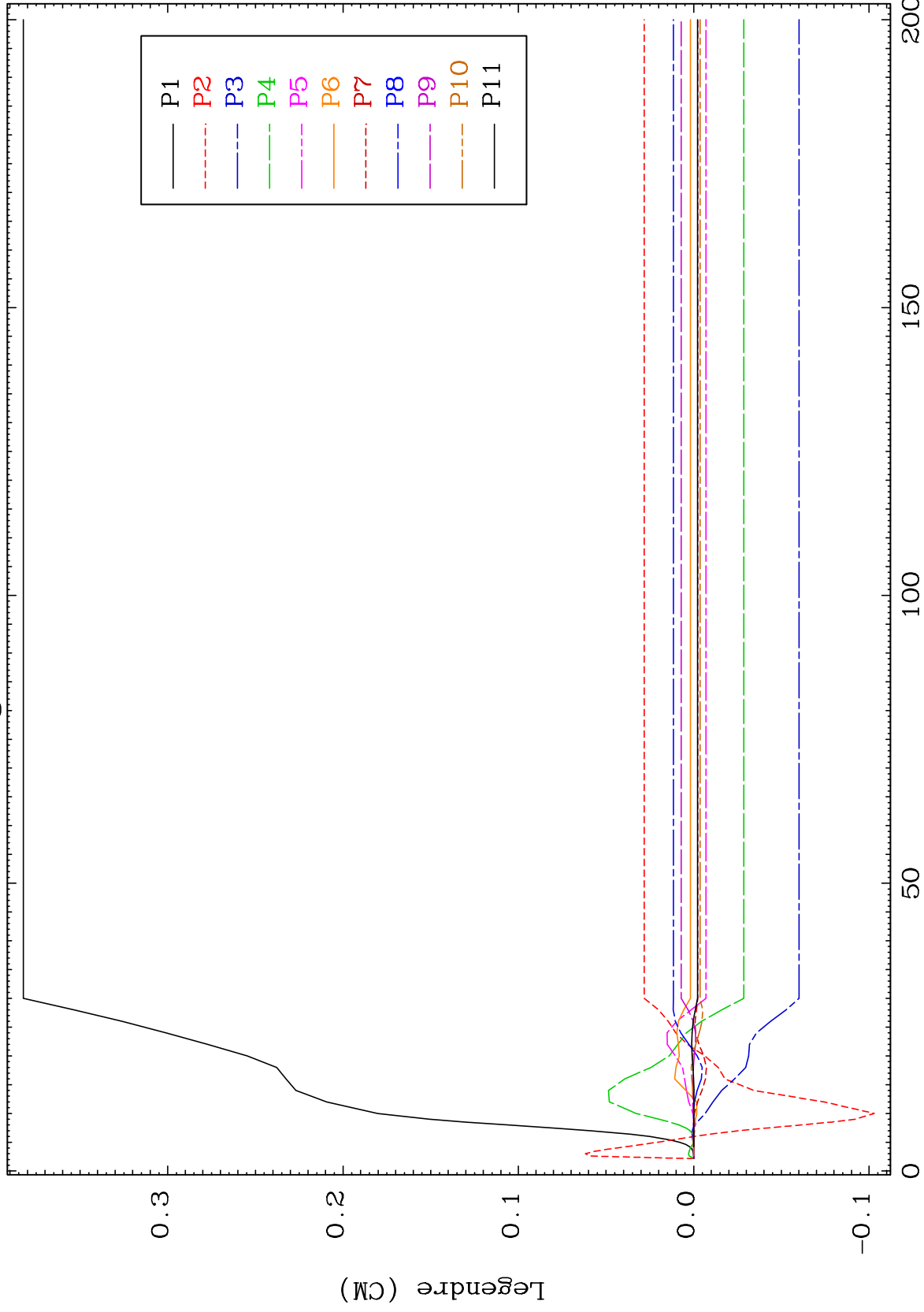
30-Zn-73



MAT 3052

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

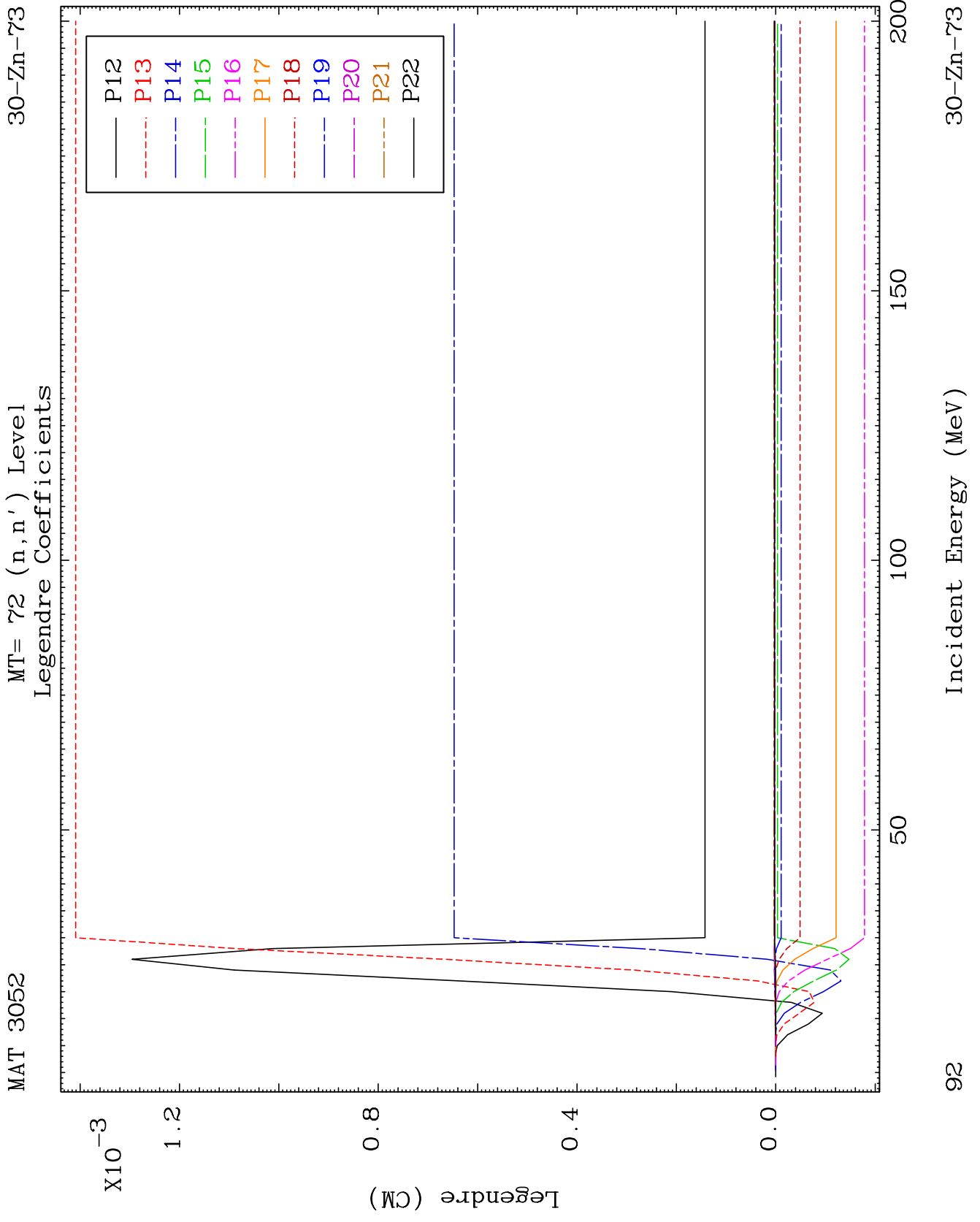
30-Zn-73

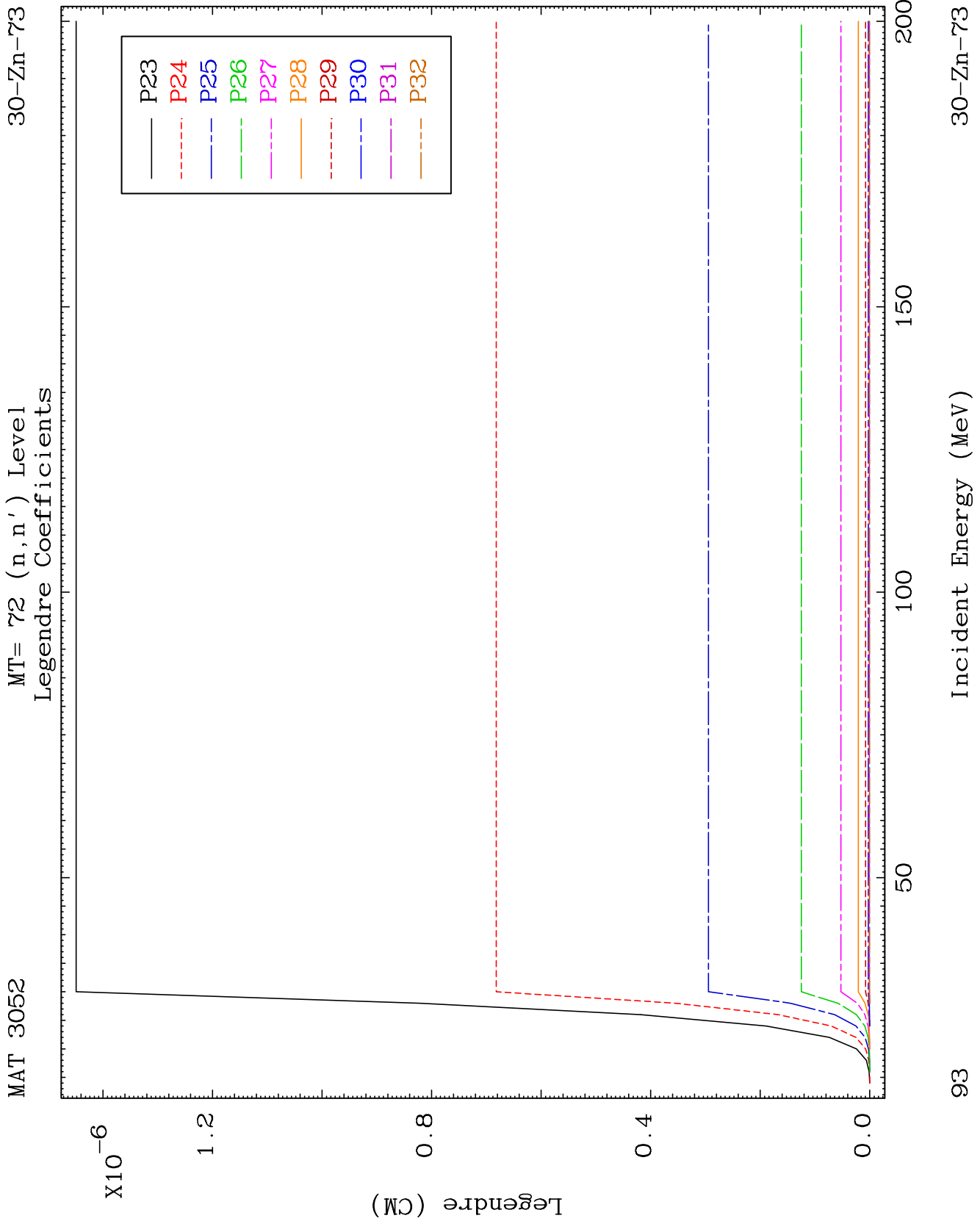


91

Incident Energy (MeV)

30-Zn-73

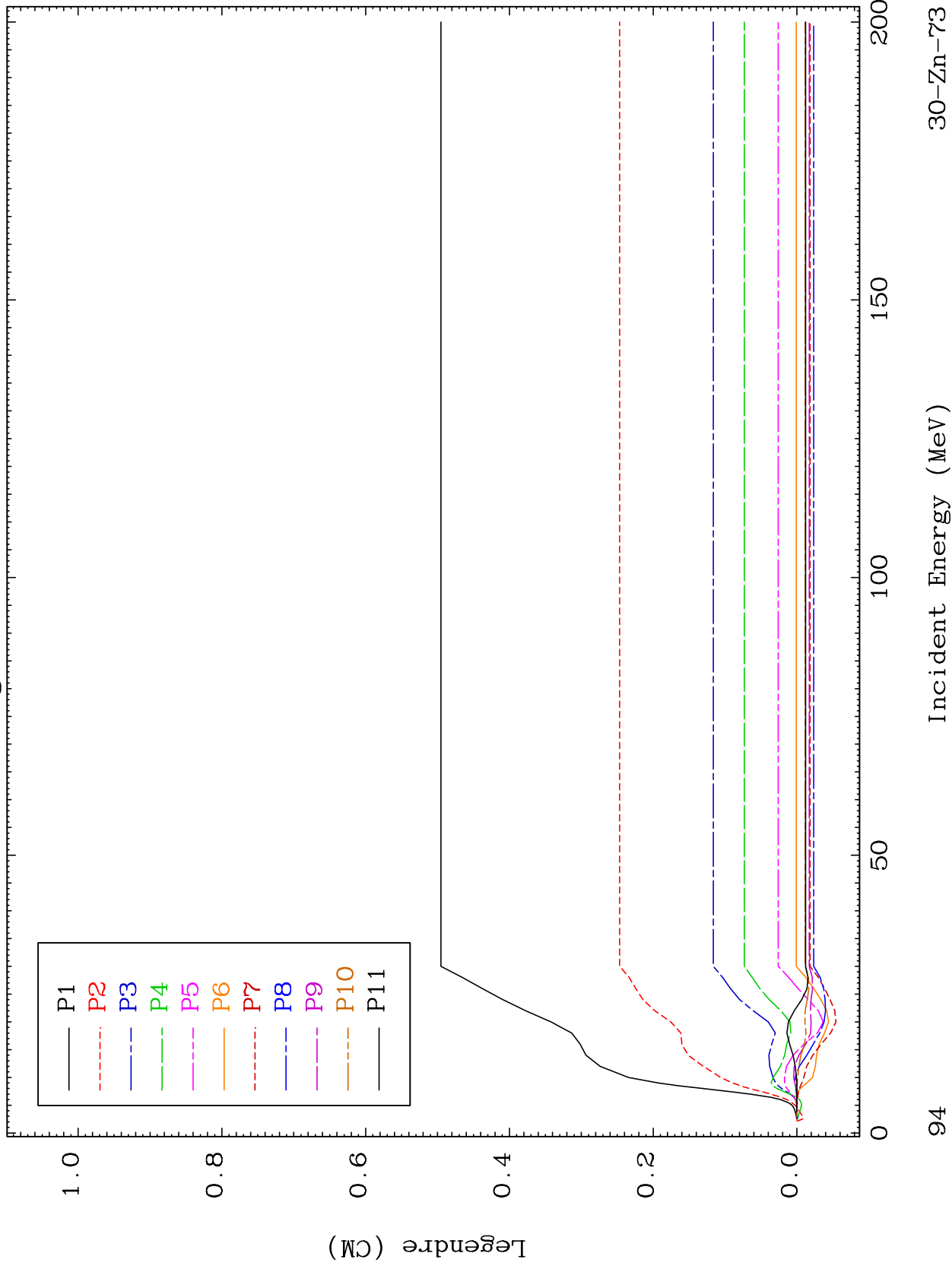




MAT 3052

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

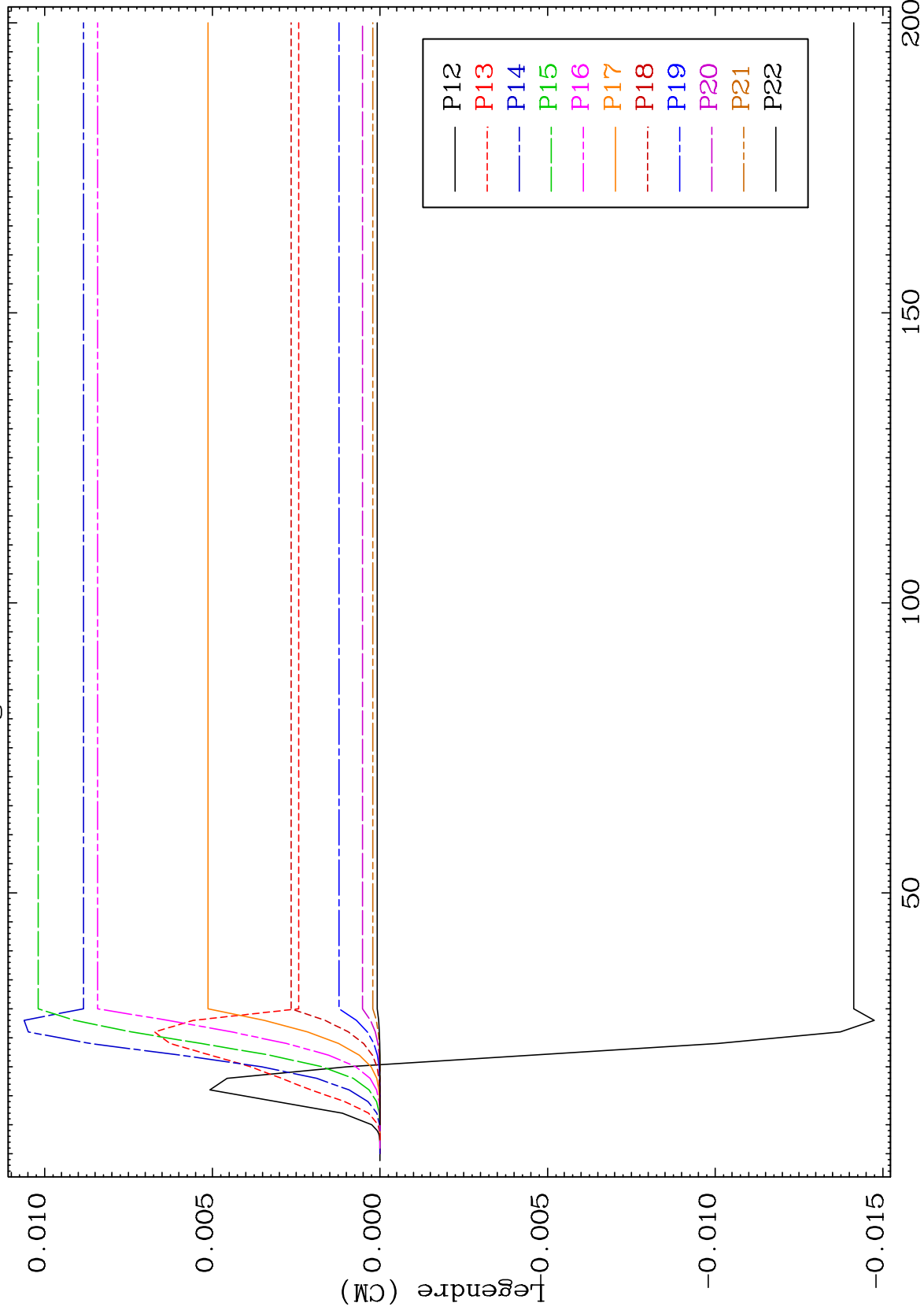
30-Zn-73



MAT 3052

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

30-Zn-73



95

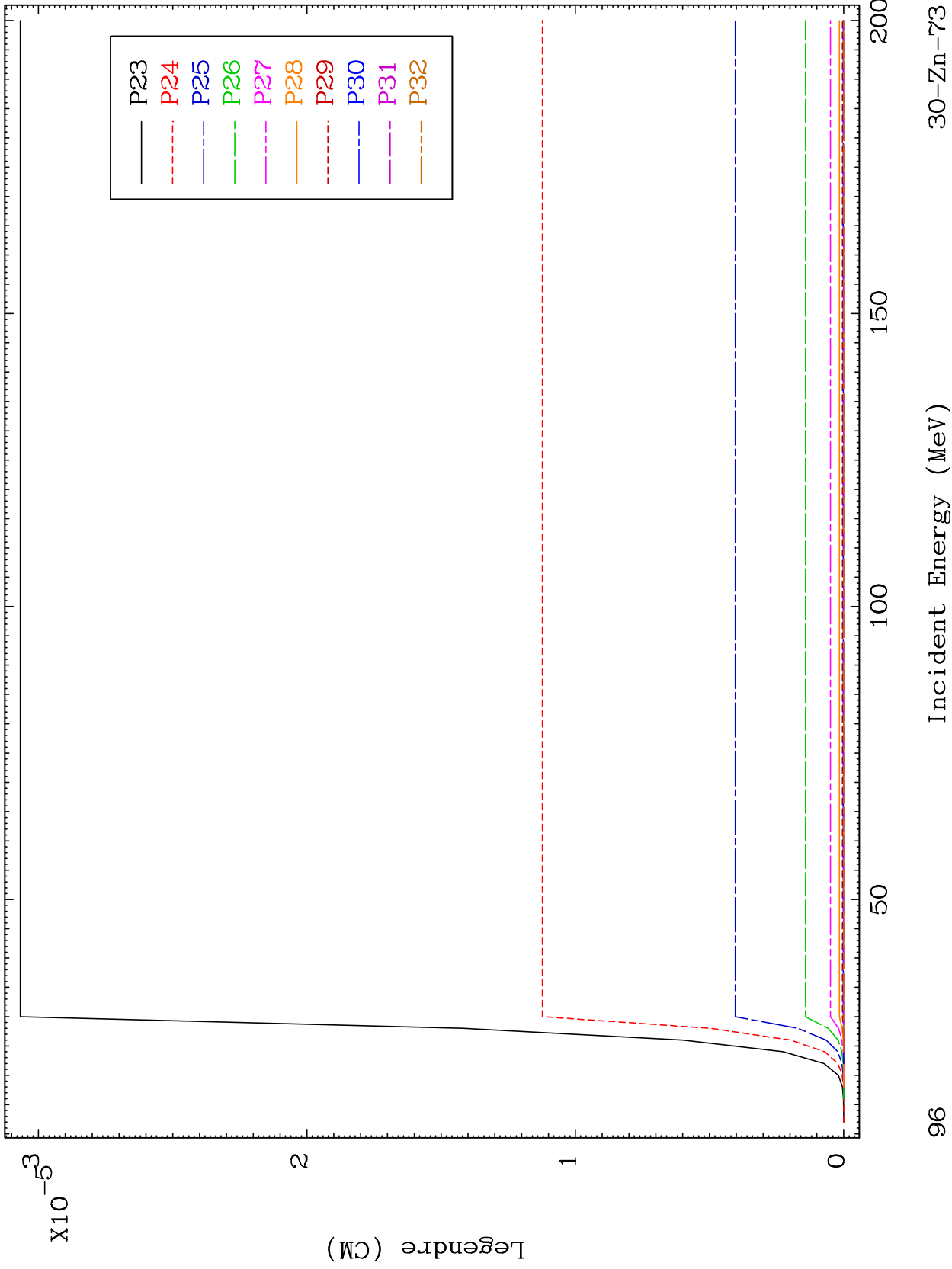
Incident Energy (MeV)

30-Zn-73

MAT 3052

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

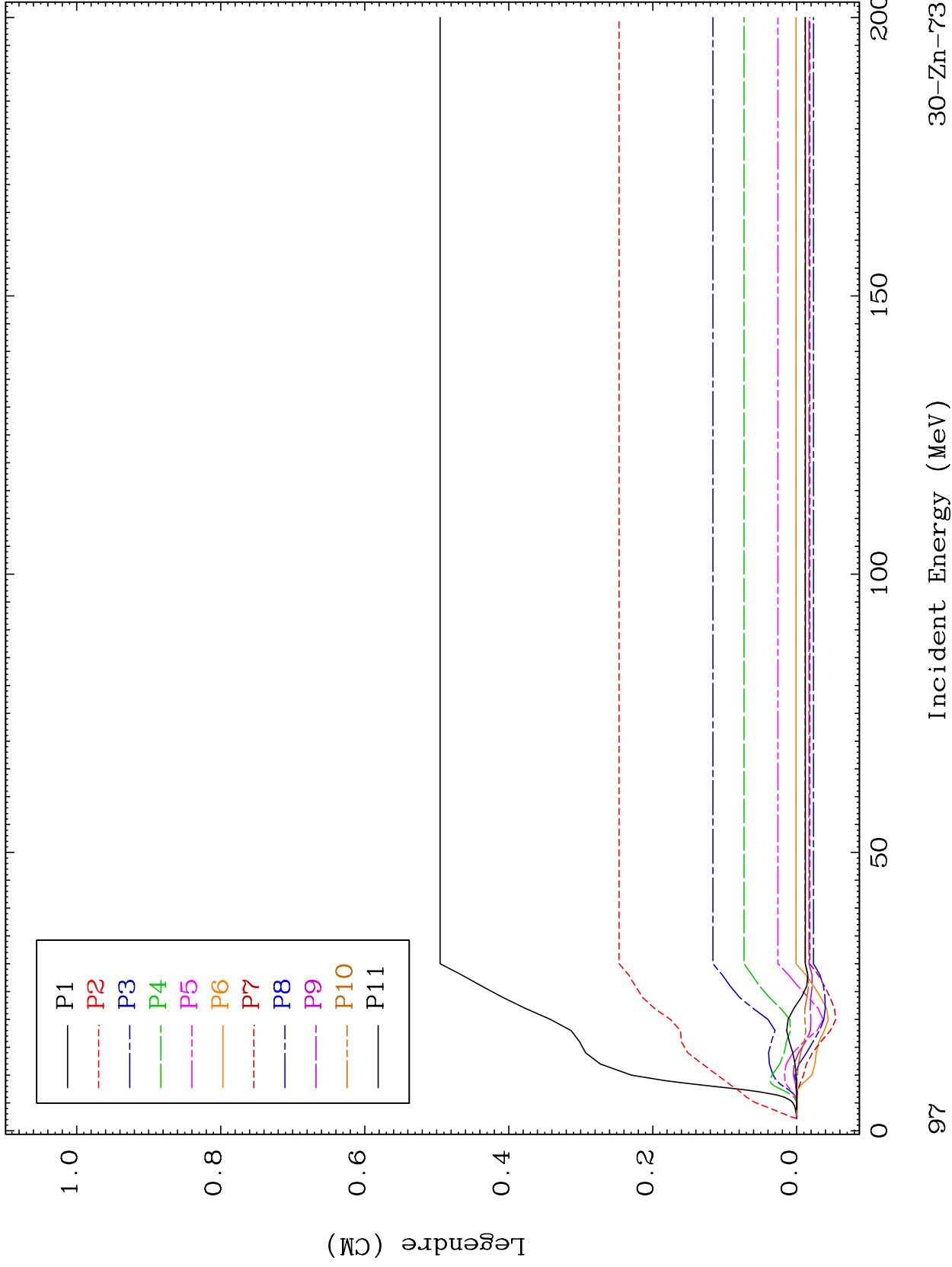
30-Zn-73



MAT 3052

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

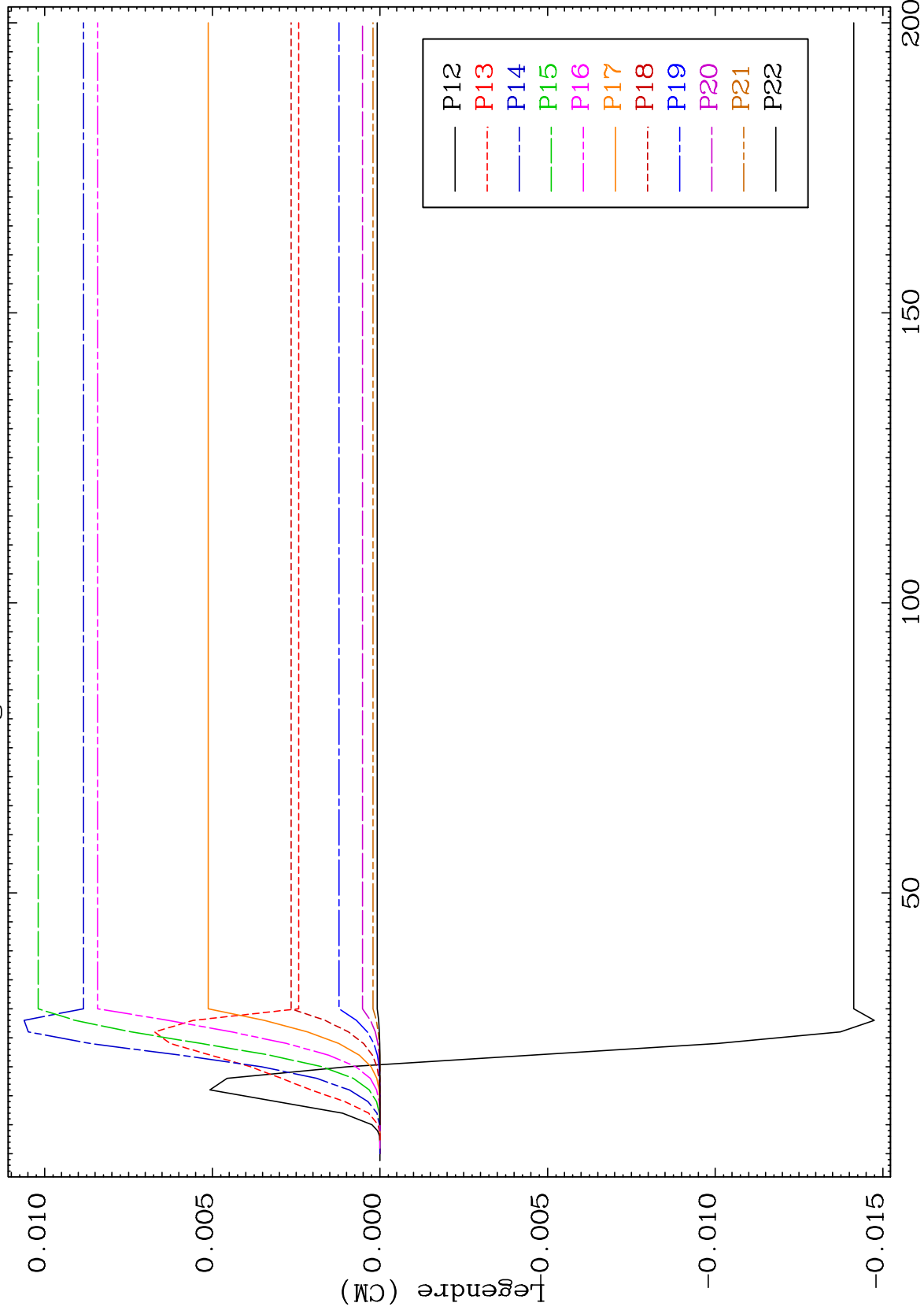
30-Zn-73



MAT 3052

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

30-Zn-73



98

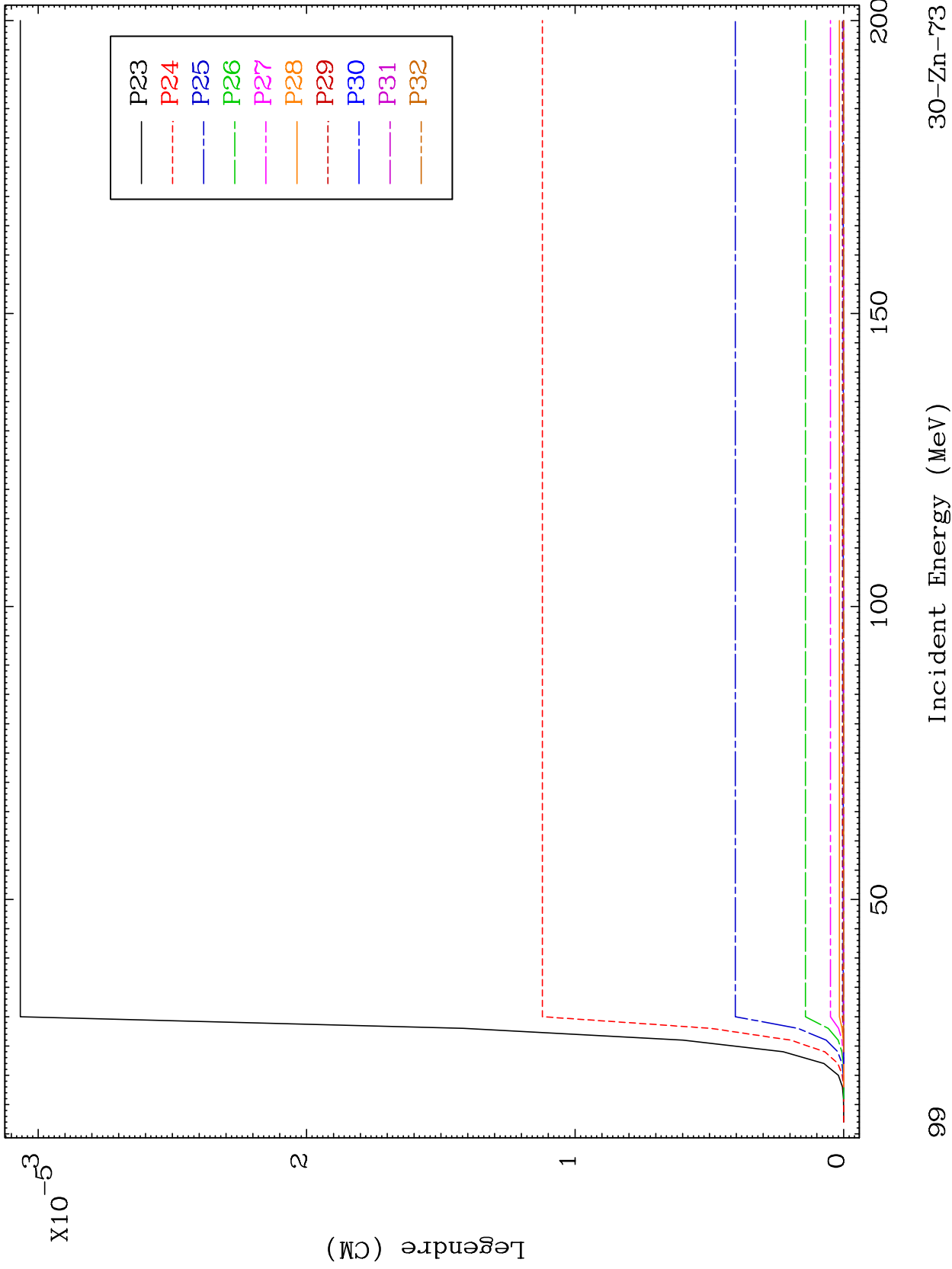
Incident Energy (MeV)

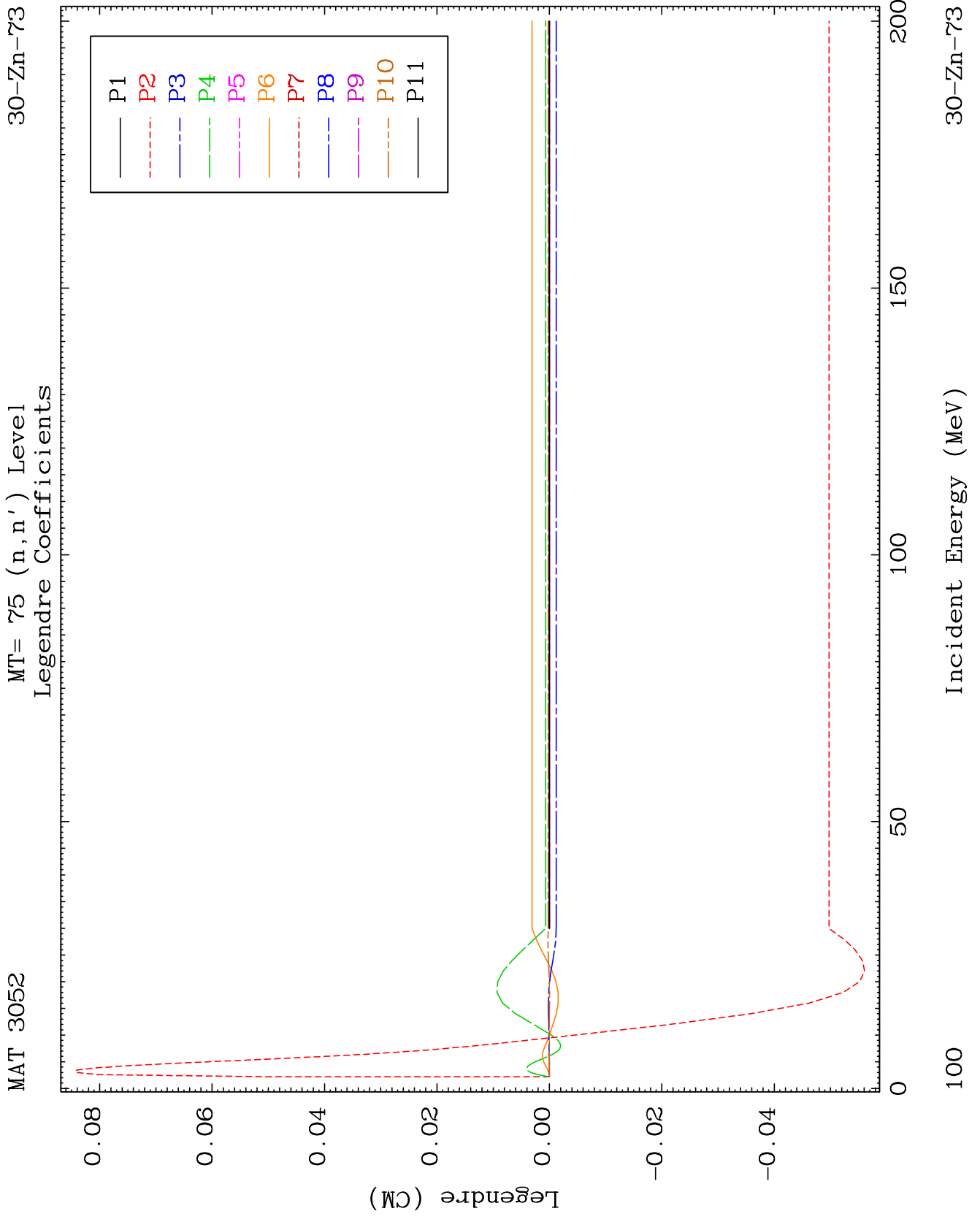
30-Zn-73

MAT 3052

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

30-Zn-73

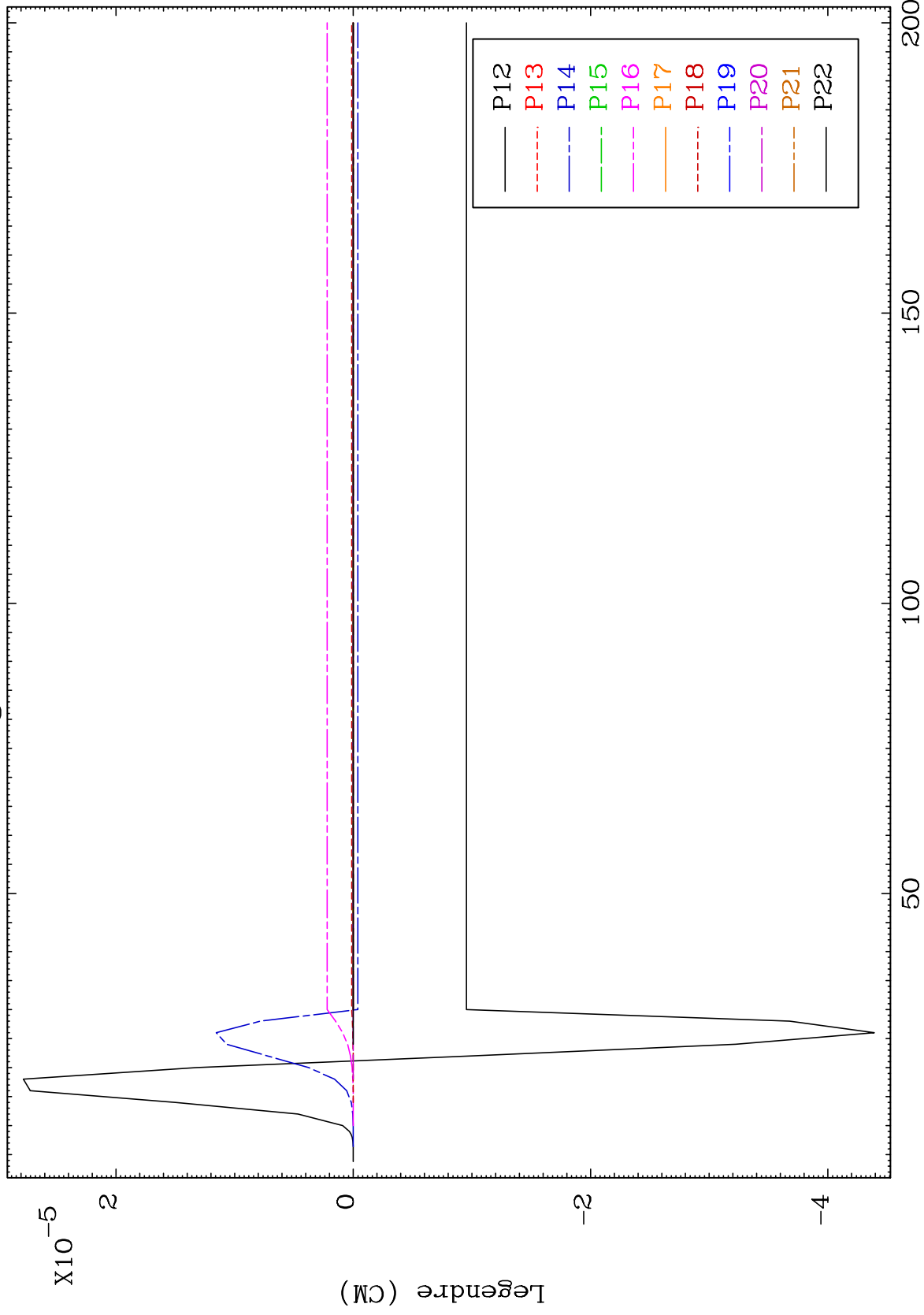


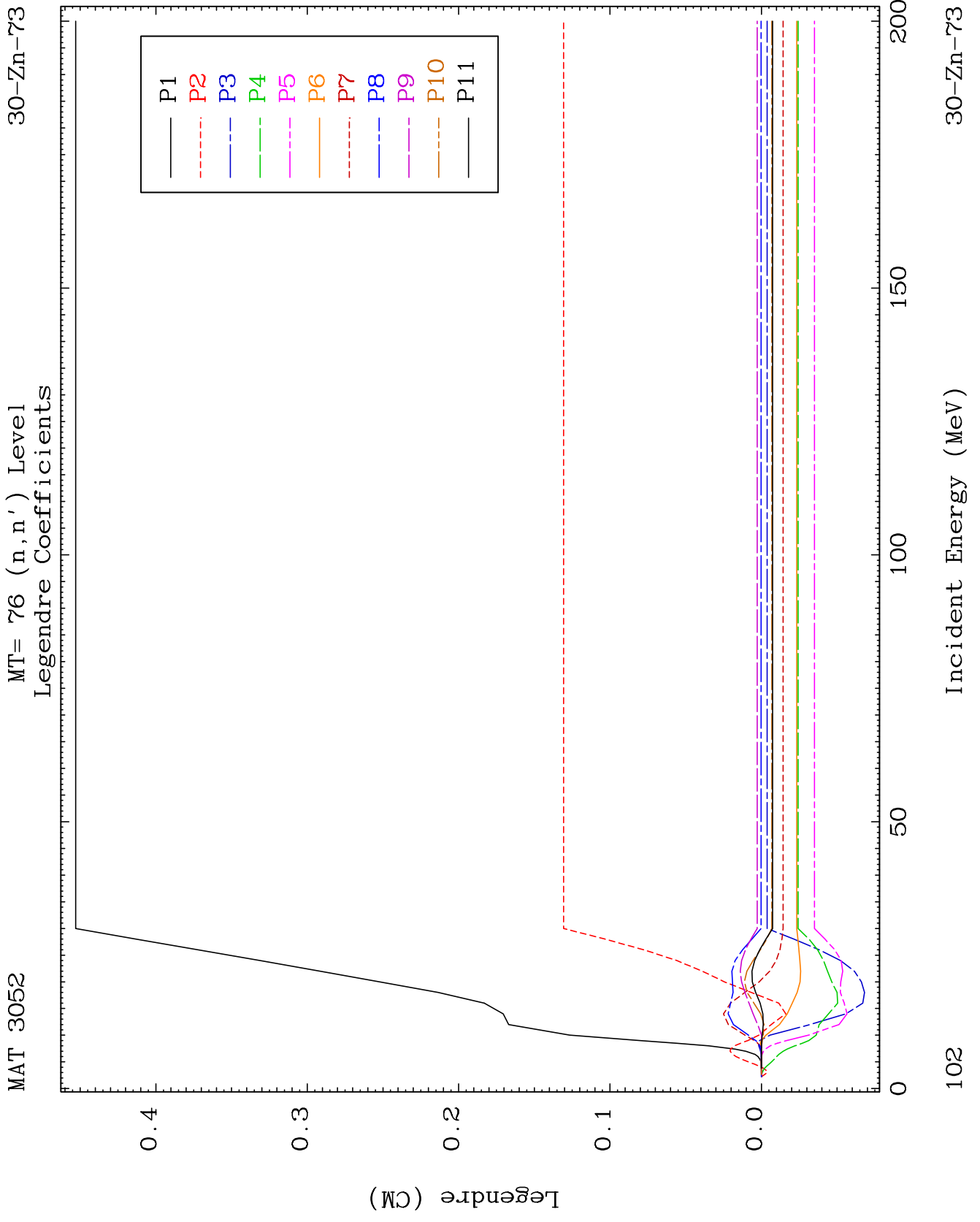


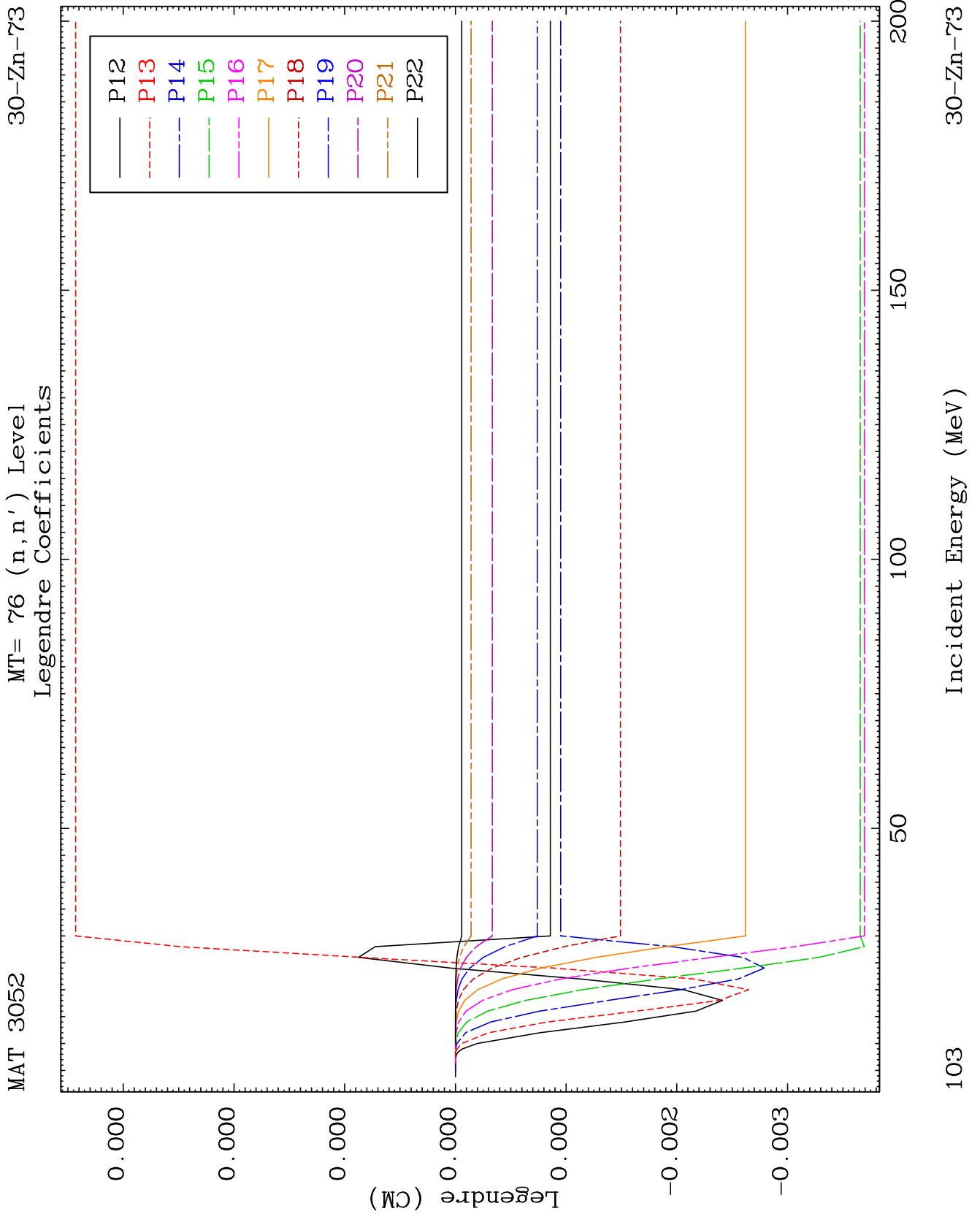
MAT 3052

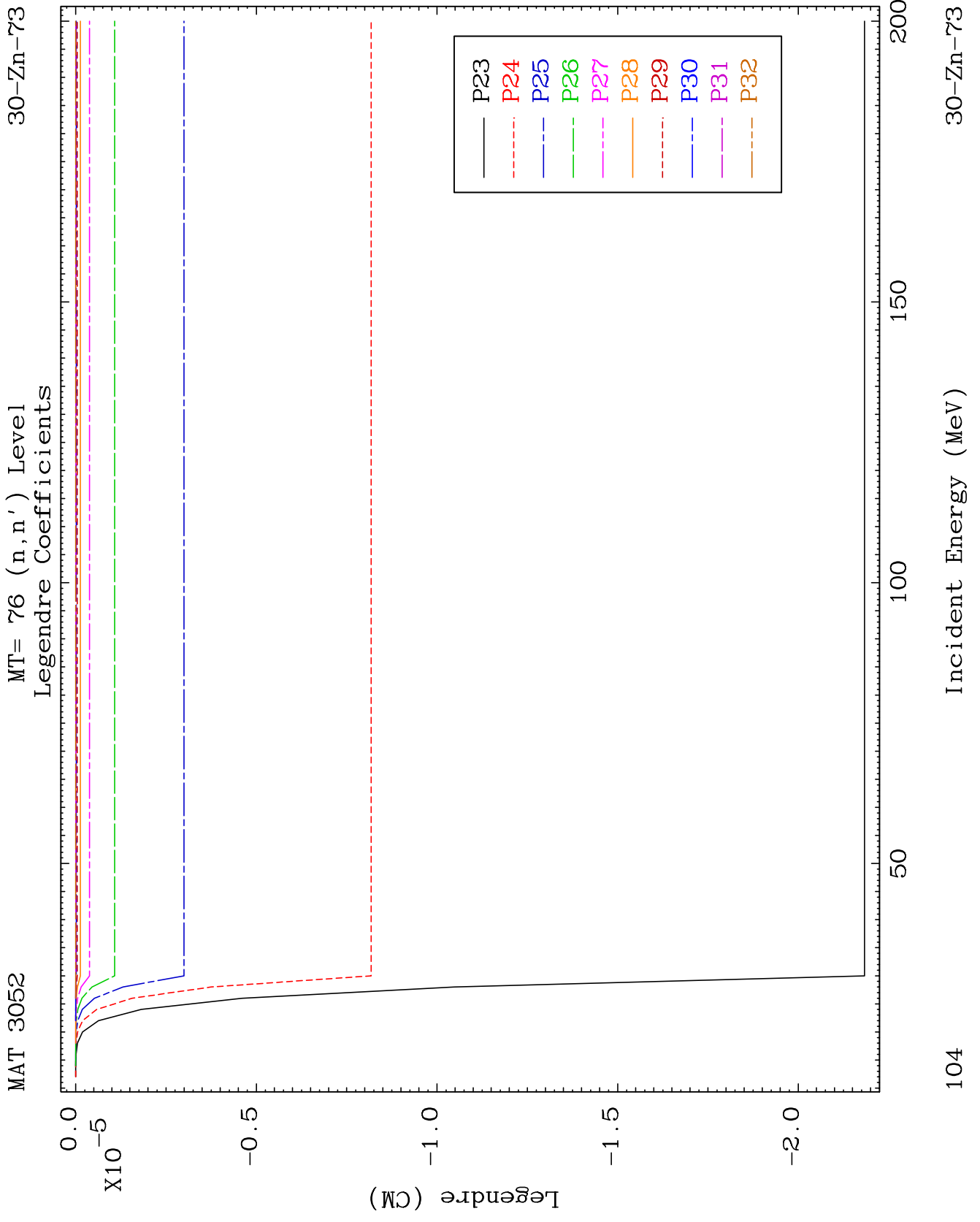
MT= 75 (n,n') Level
Legendre Coefficients

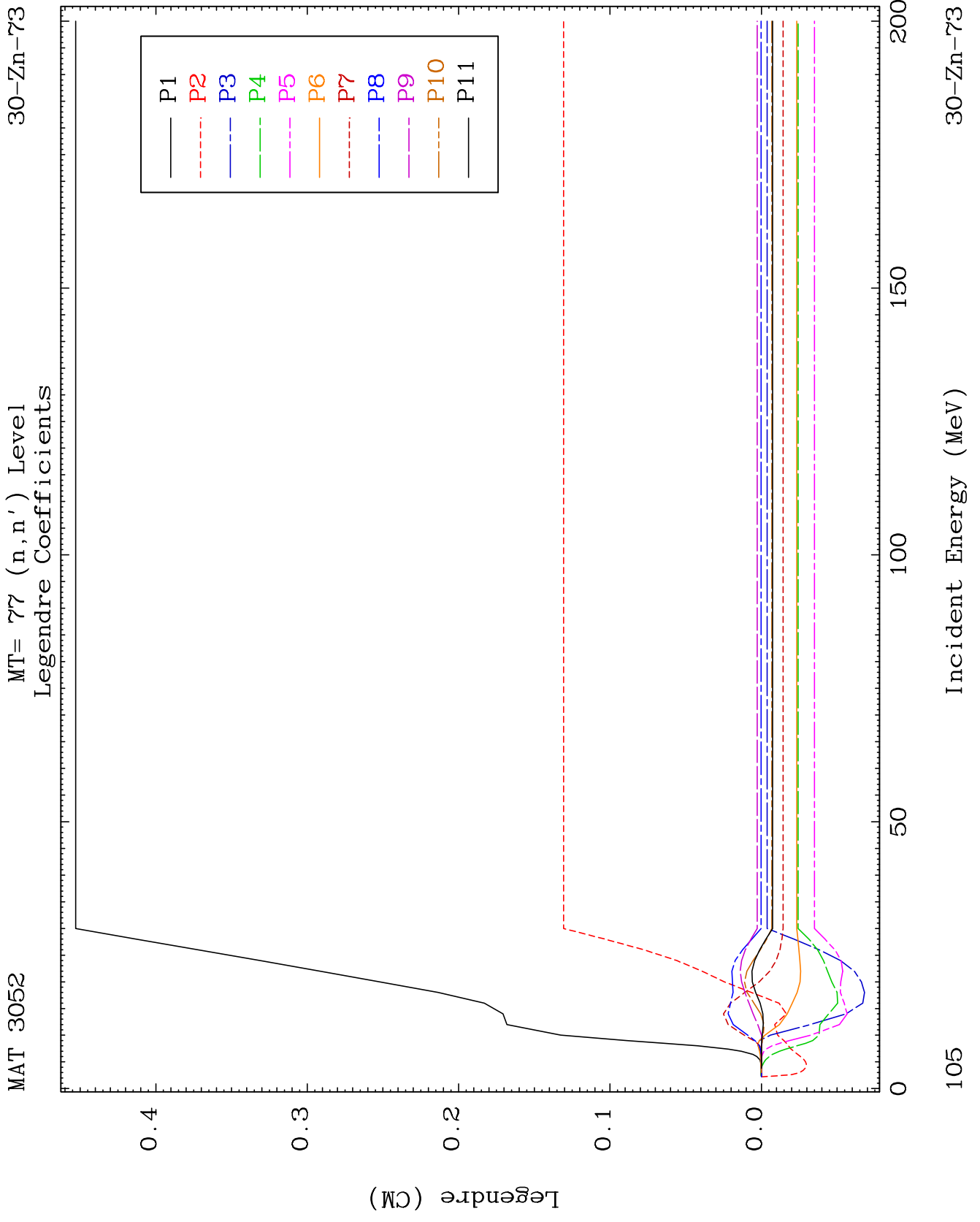
30-Zn-73







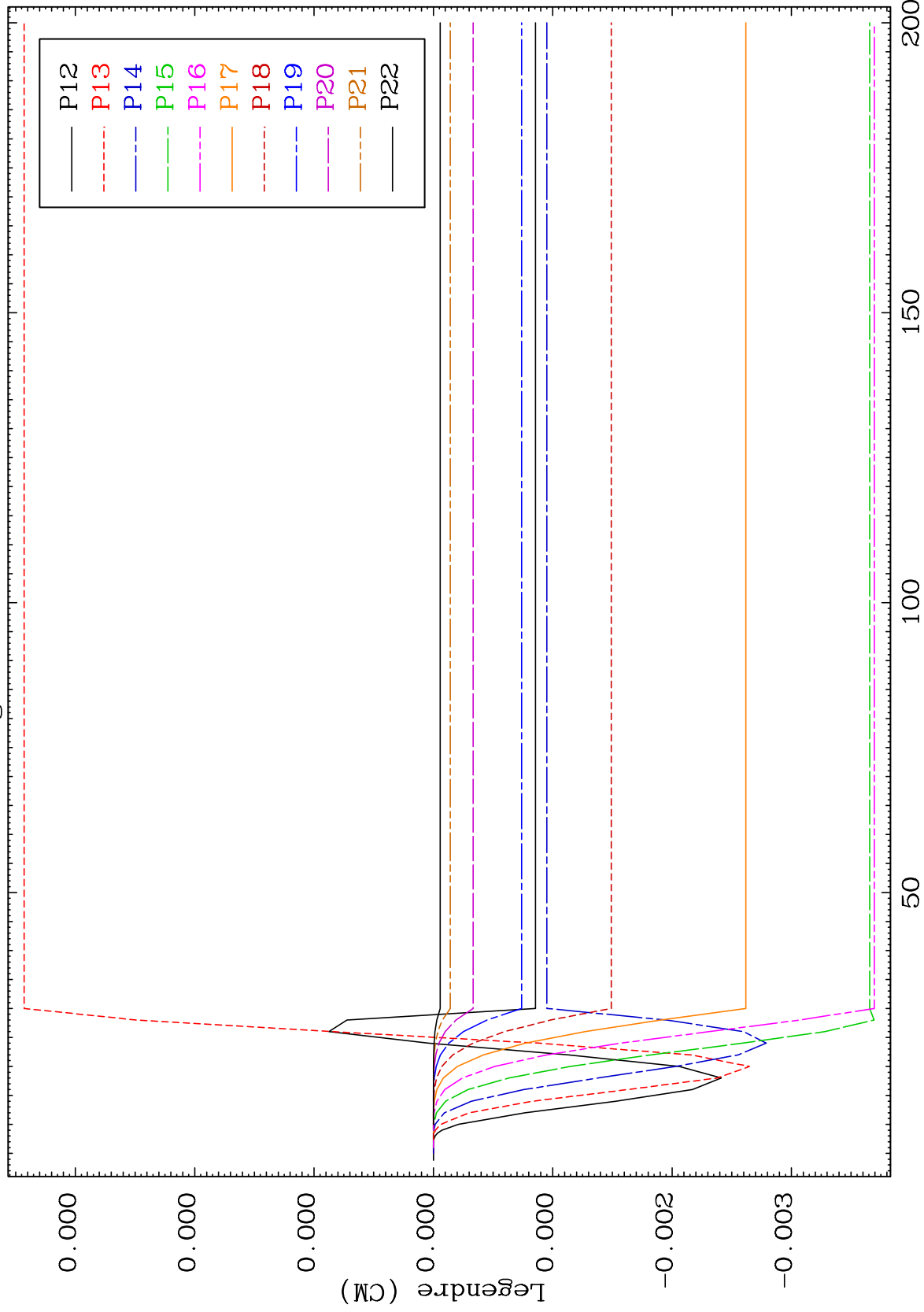




MAT 3052

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

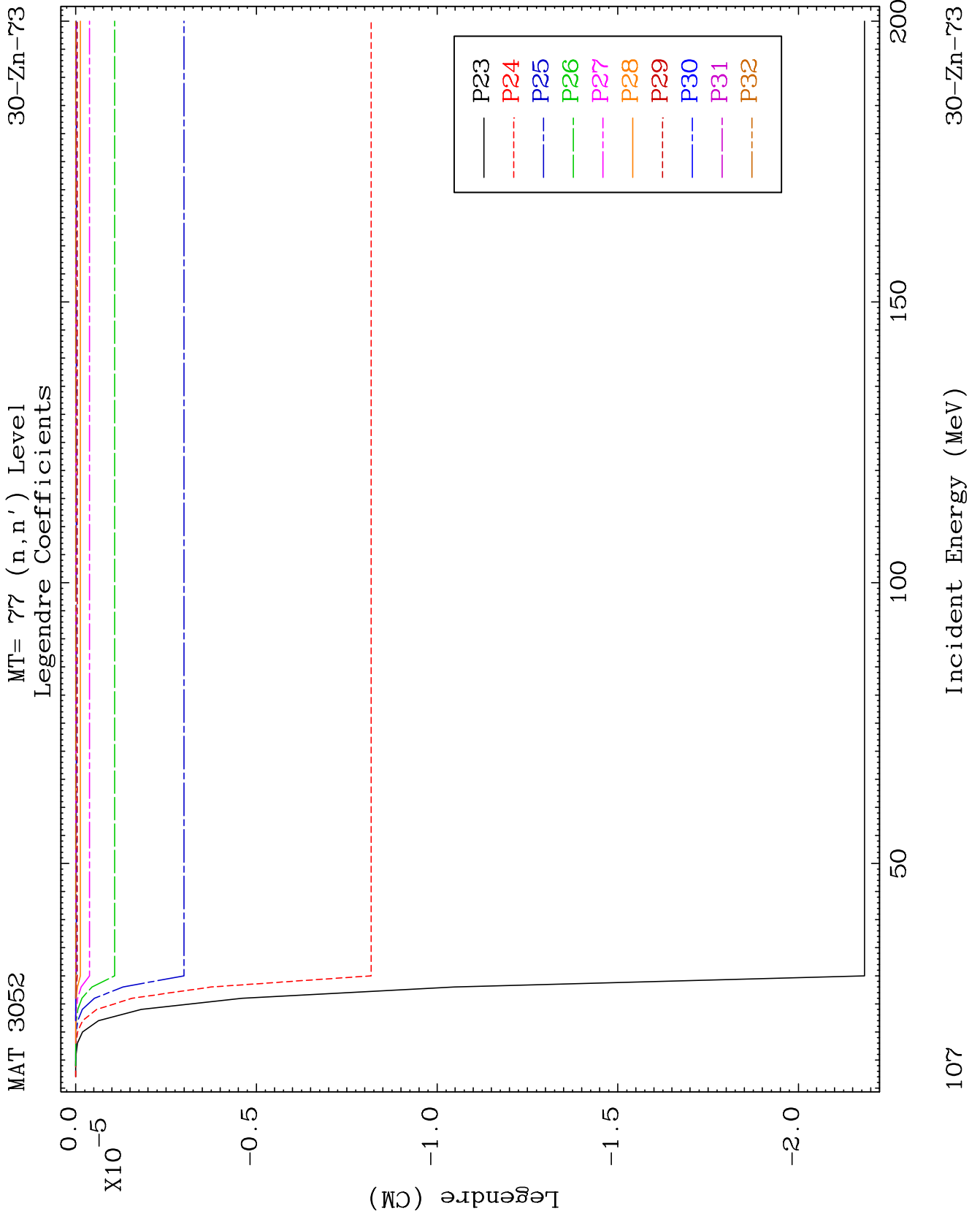
30-Zn-73

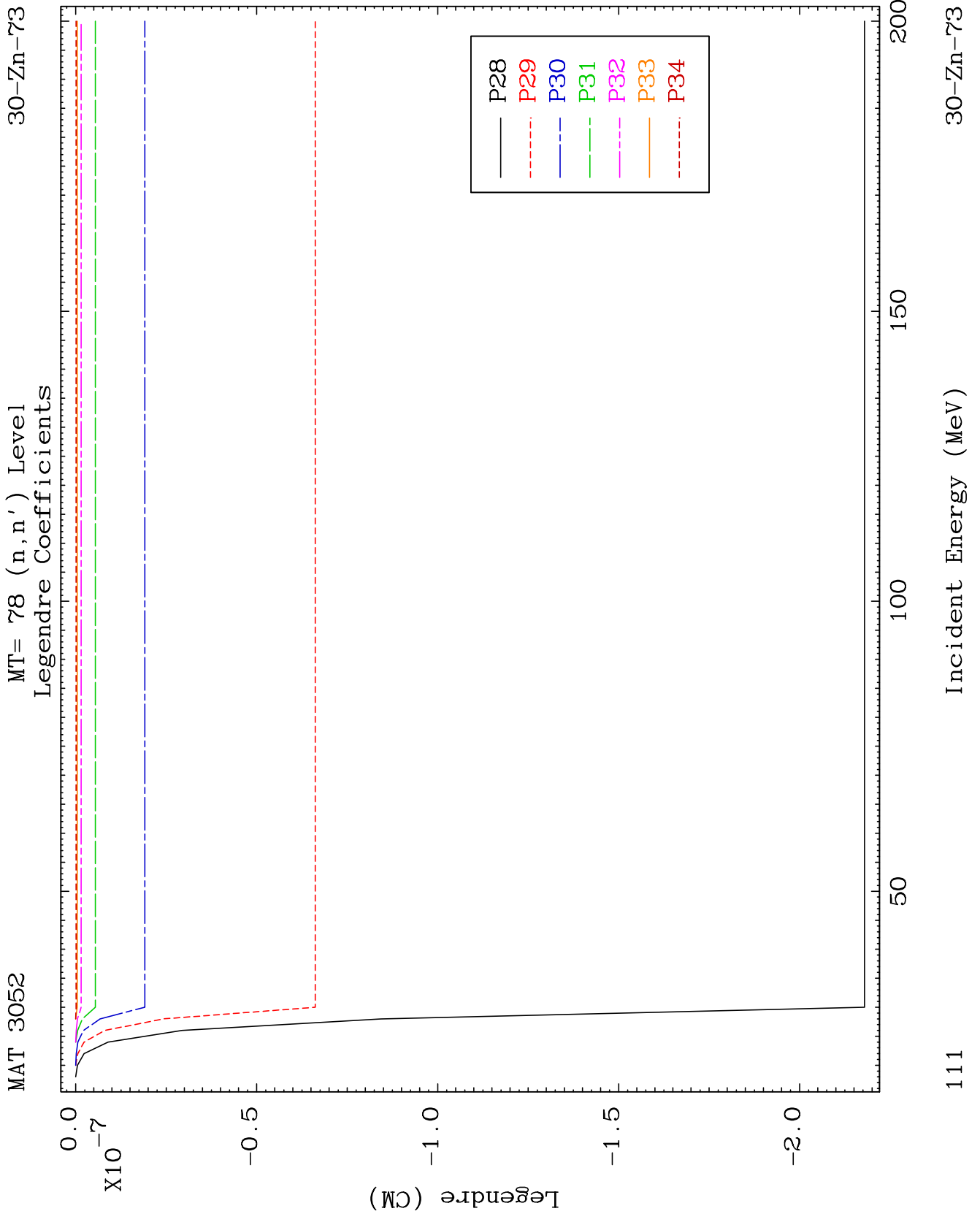


106

Incident Energy (MeV)

30-Zn-73

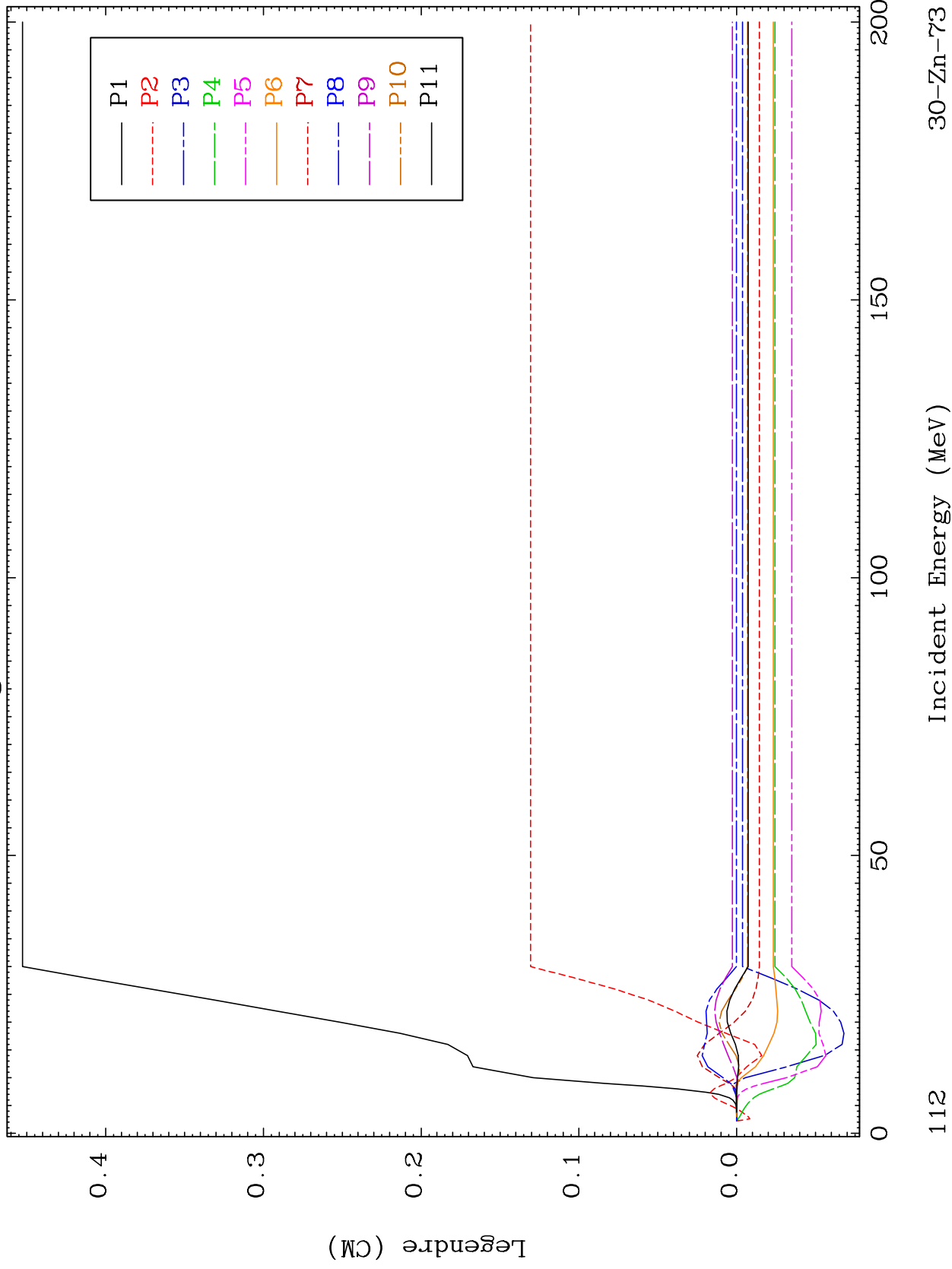




MAT 3052

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

30-Zn-73



30-Zn-73

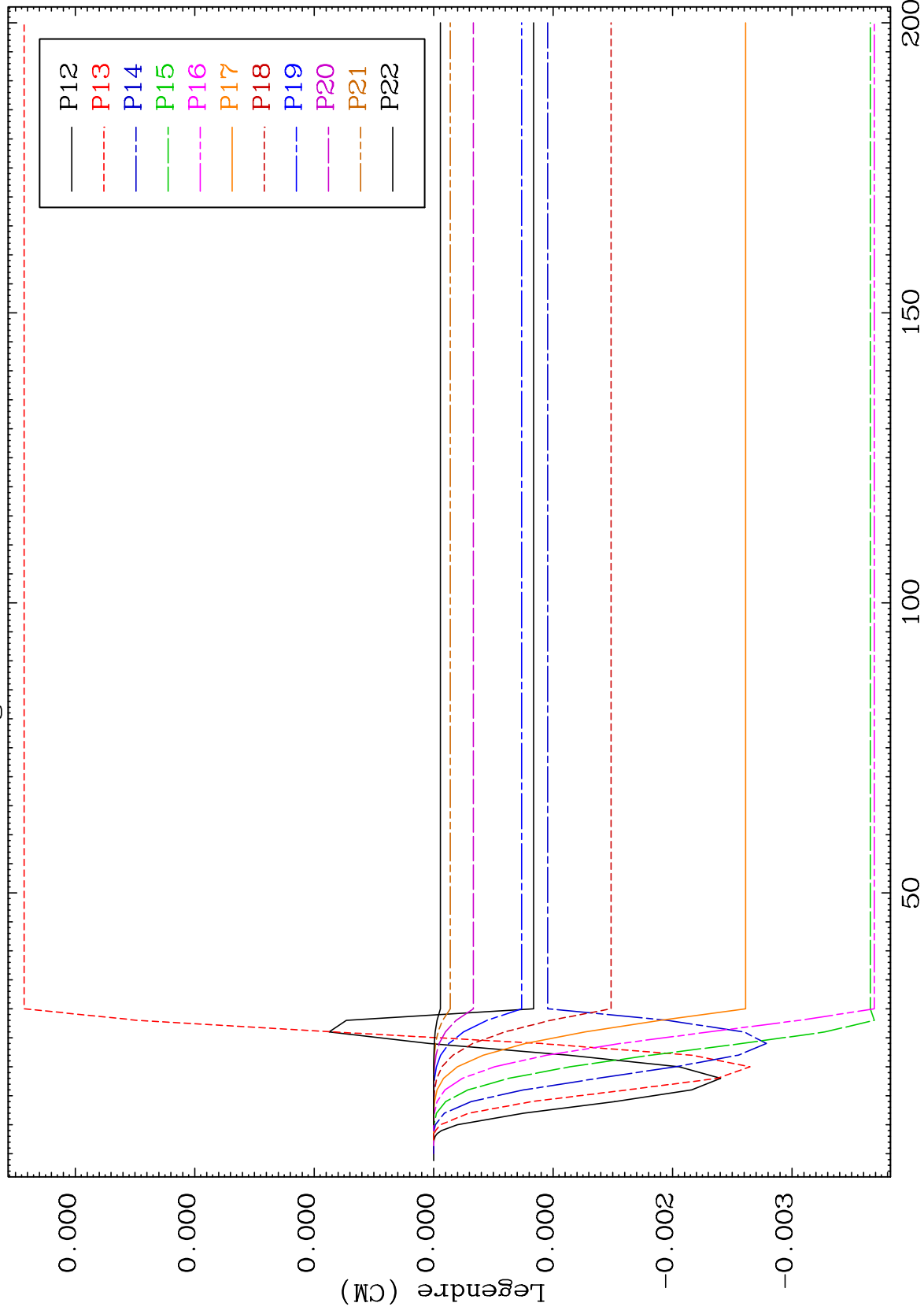
Incident Energy (MeV)

112

MAT 3052

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

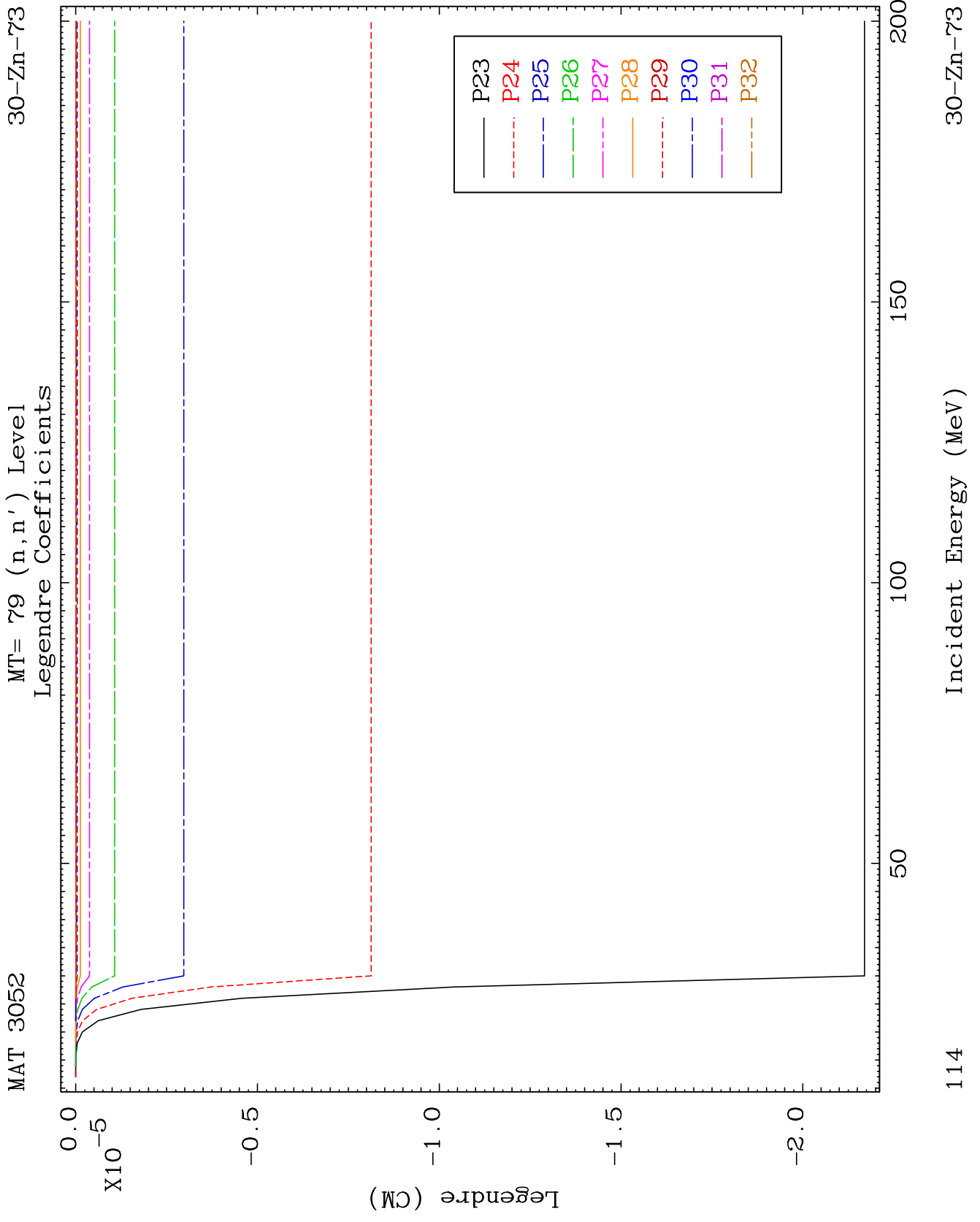
30-Zn-73

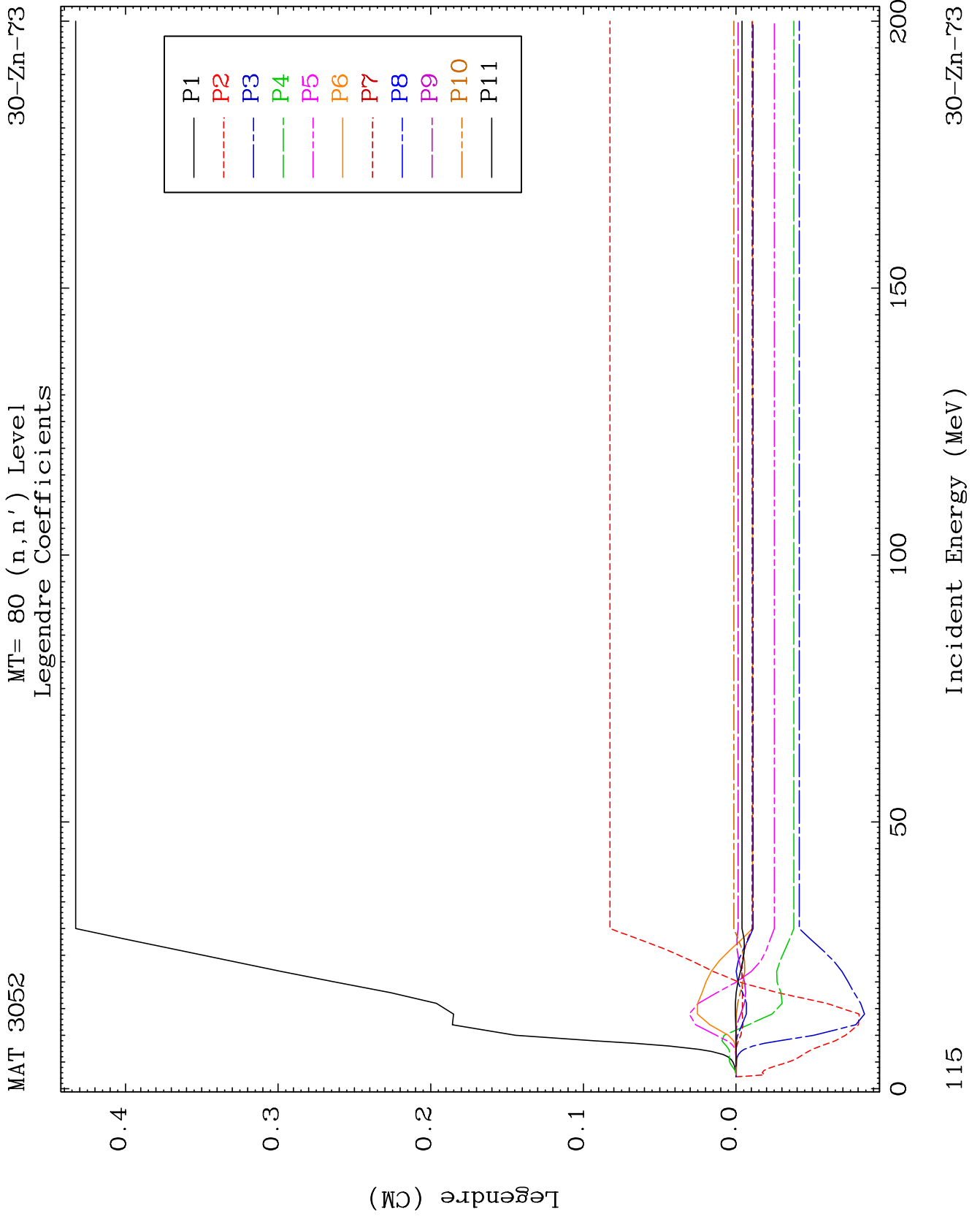


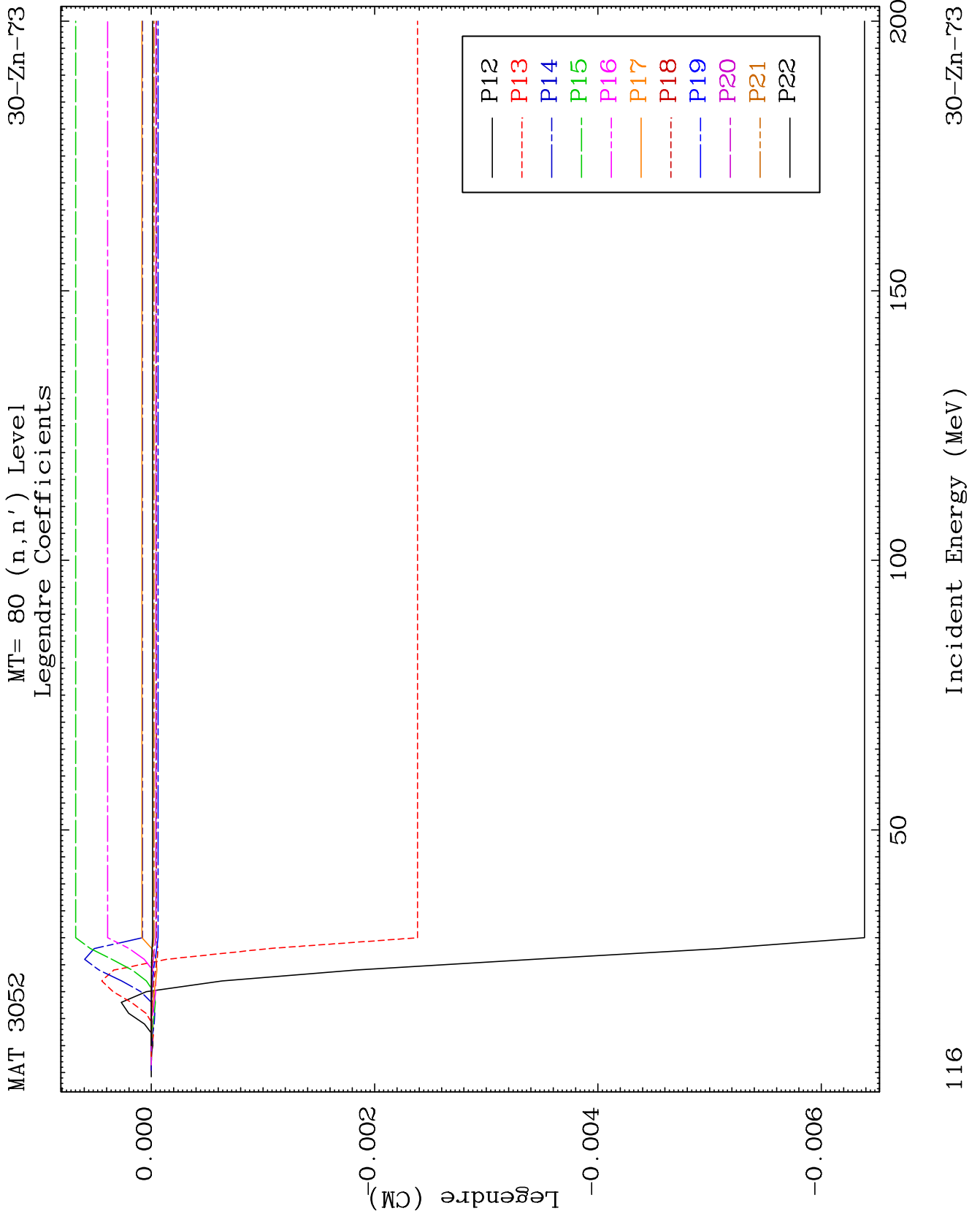
113

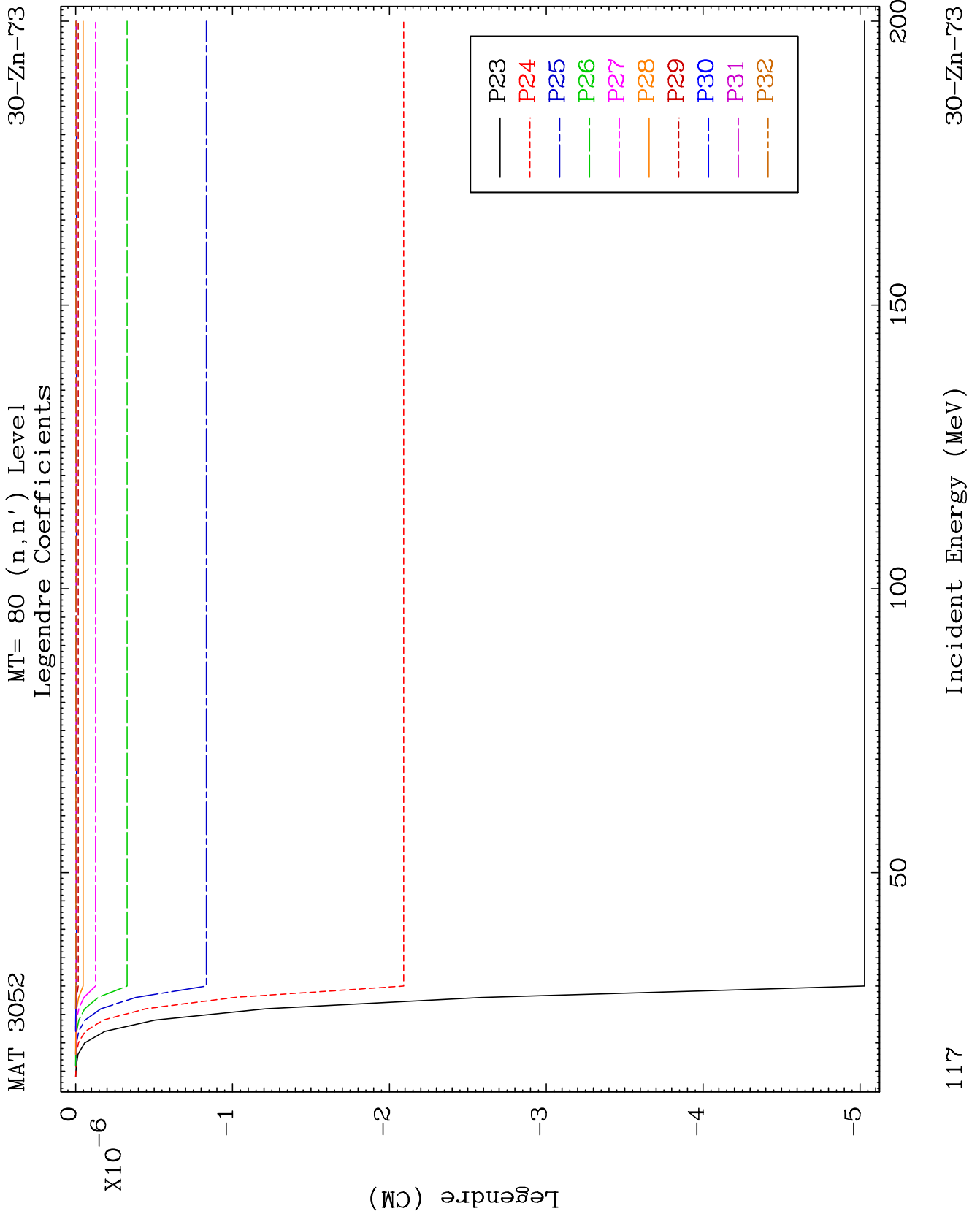
Incident Energy (MeV)

30-Zn-73





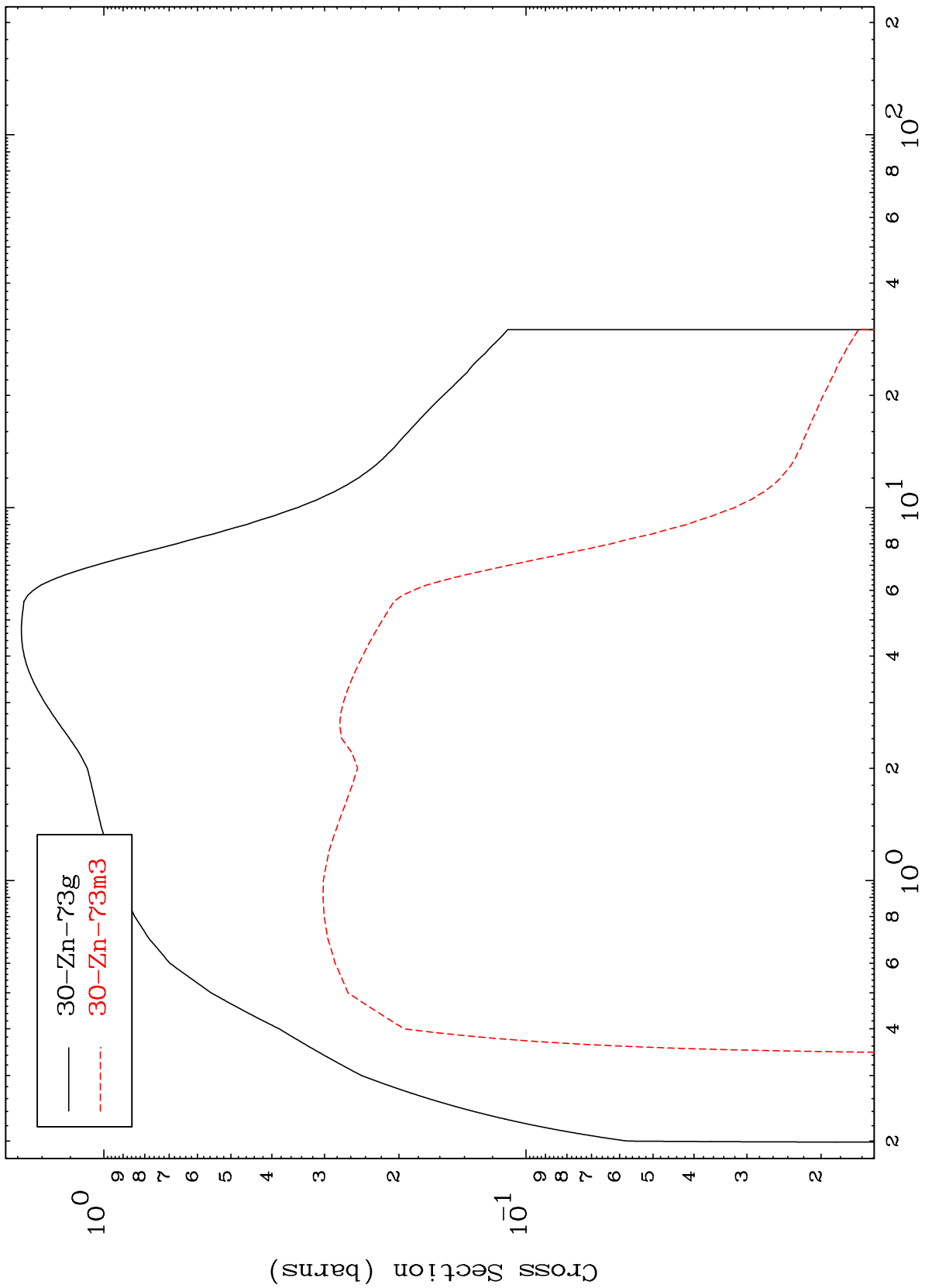




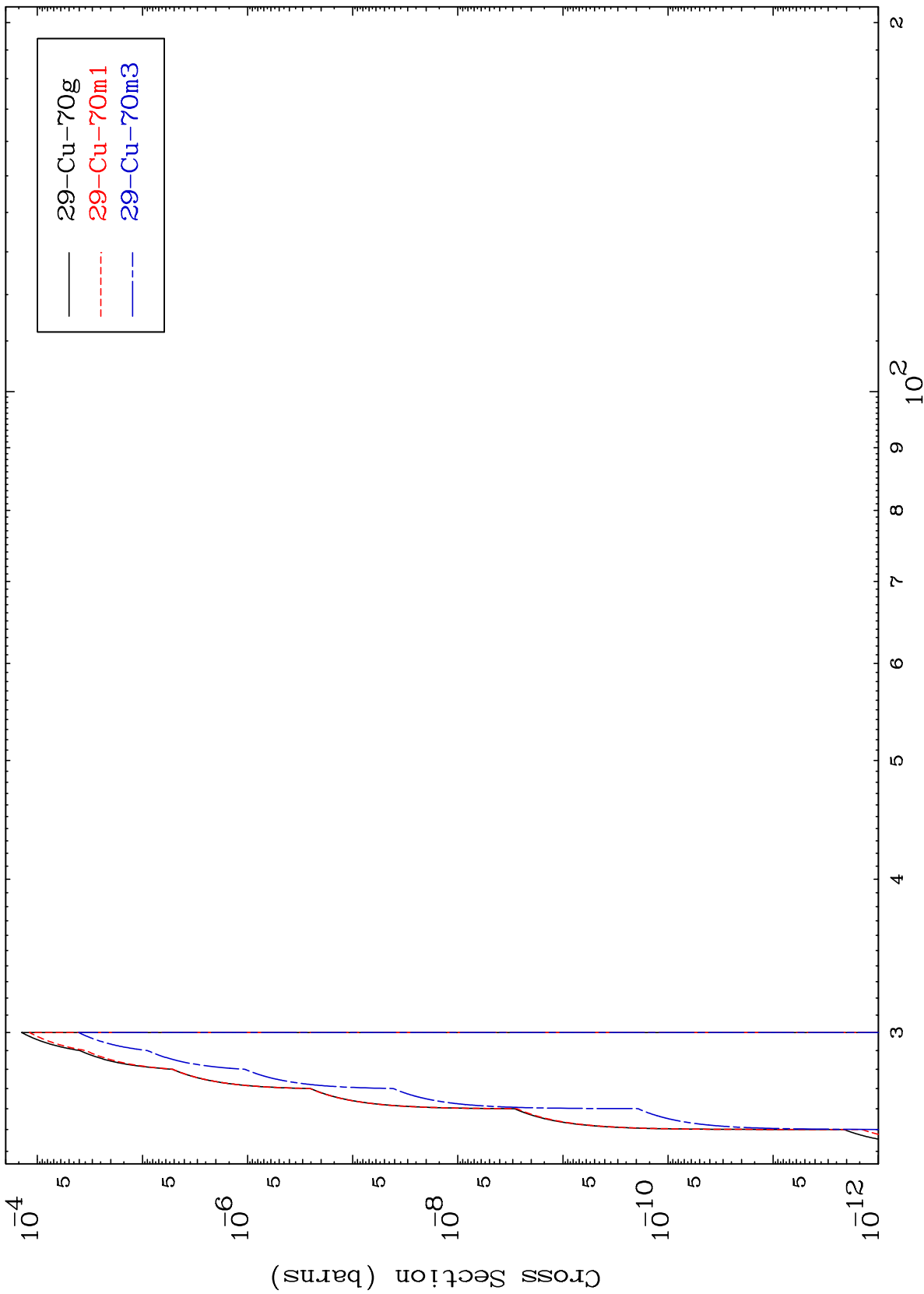
MAT 3052

30-Zn-73

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

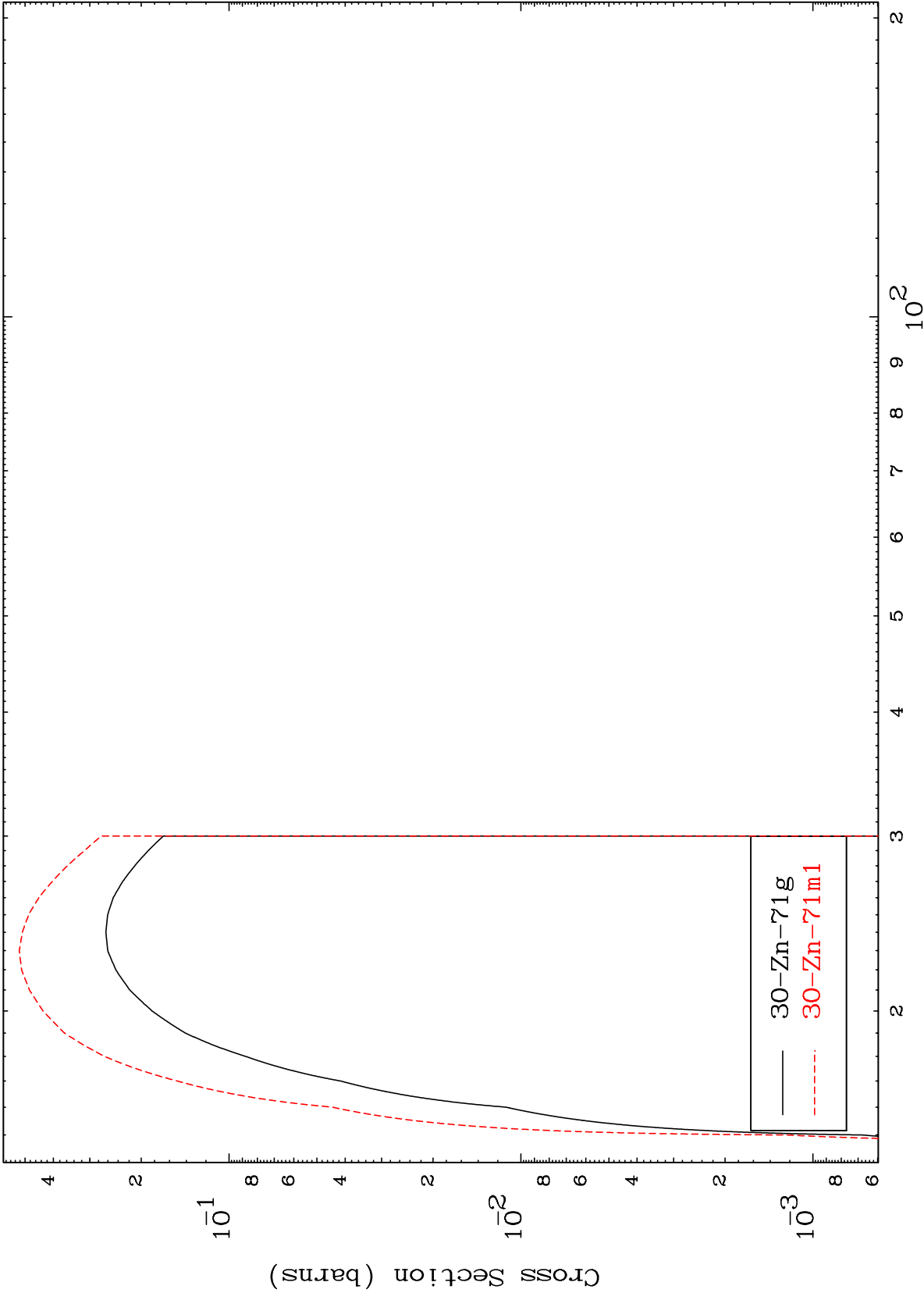


MAT 3052

(n,3n)

30-Zn-73

Radionuclide Production Cross Section

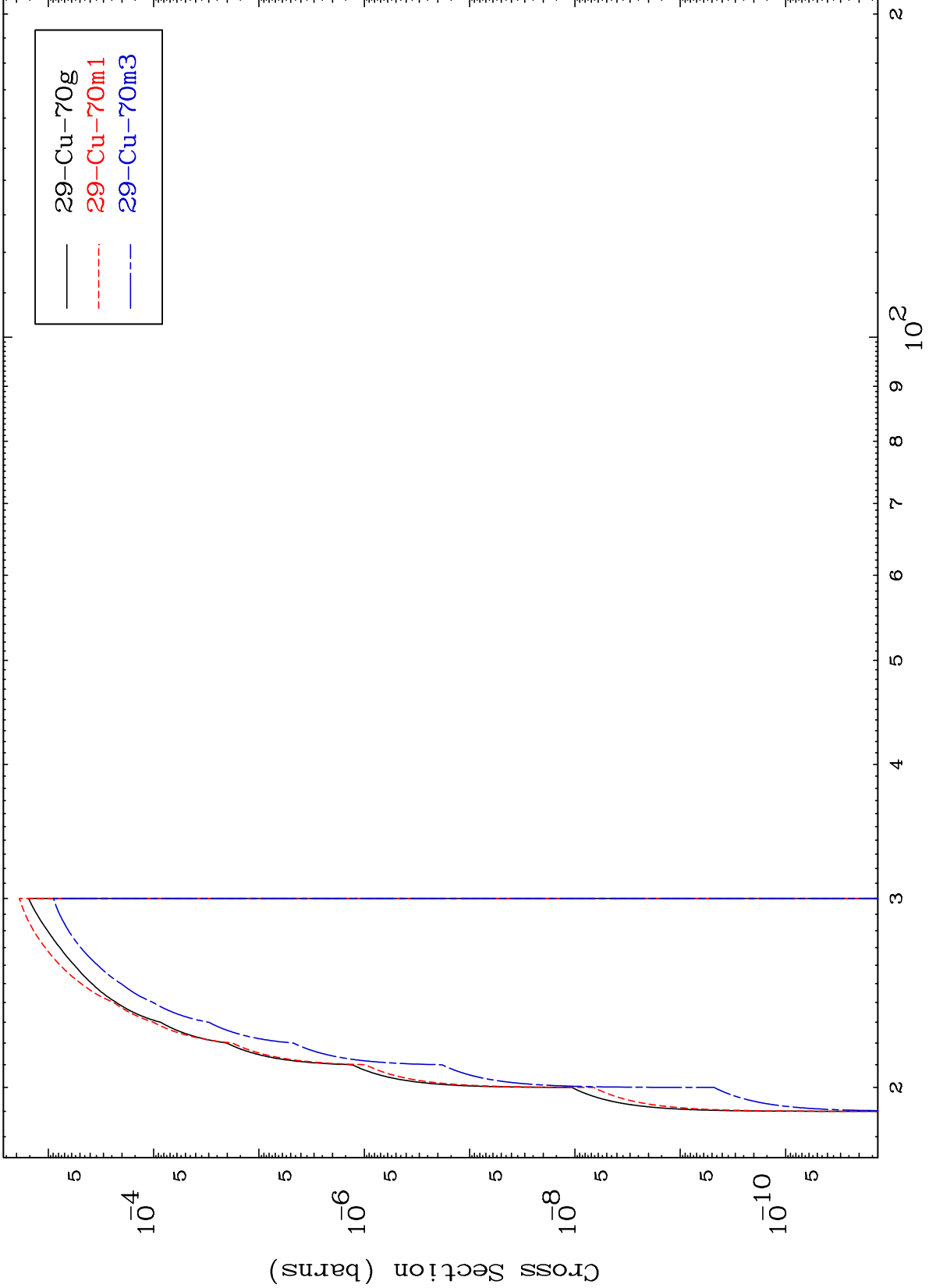


120

Incident Energy (MeV)

30-Zn-73

Radionuclide Production Cross Section

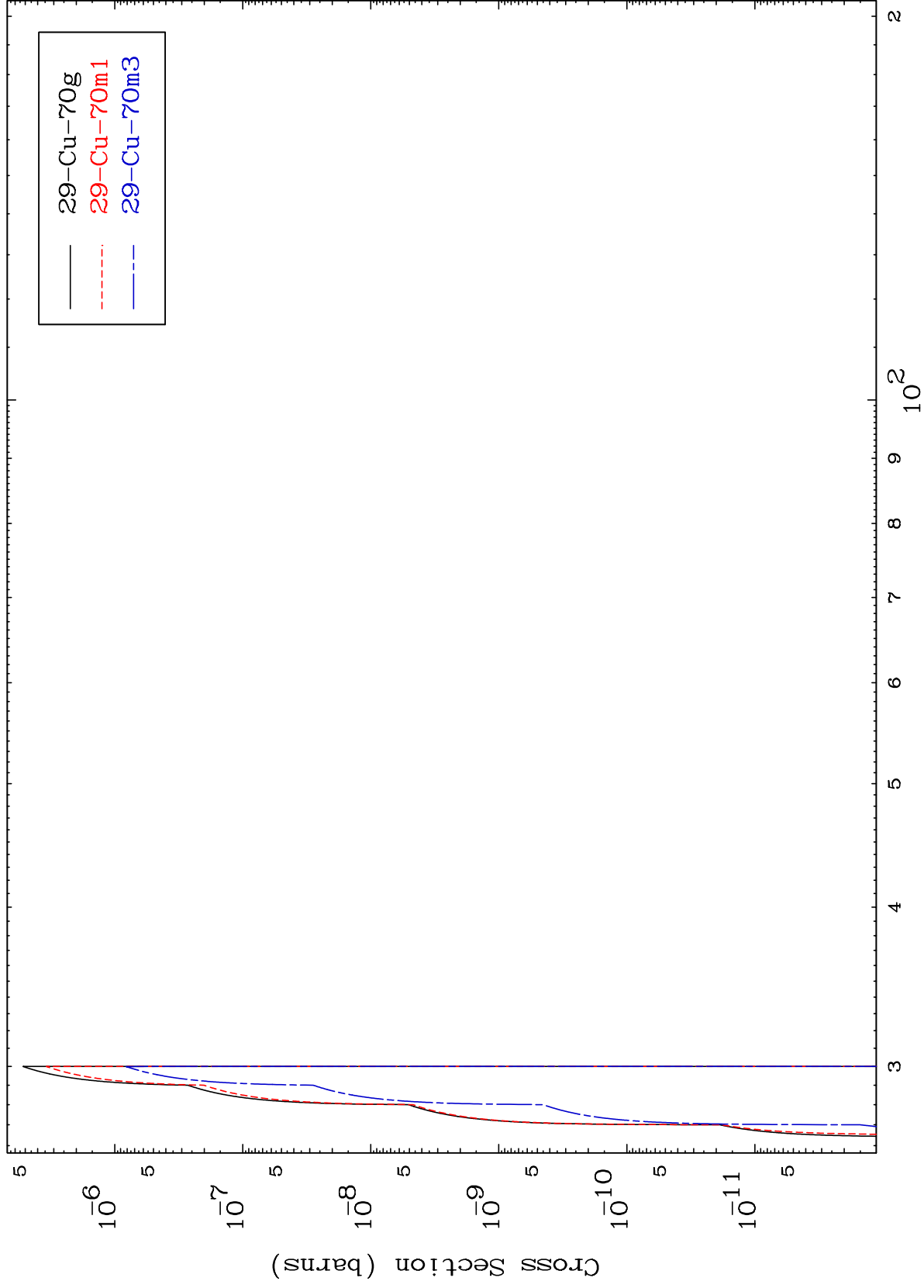


MAT 3052

(n,3n) p

30-Zn-73

Radionuclide Production Cross Section



122

Incident Energy (MeV)

30-Zn-73

Radionuclide Production Cross Section

