

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

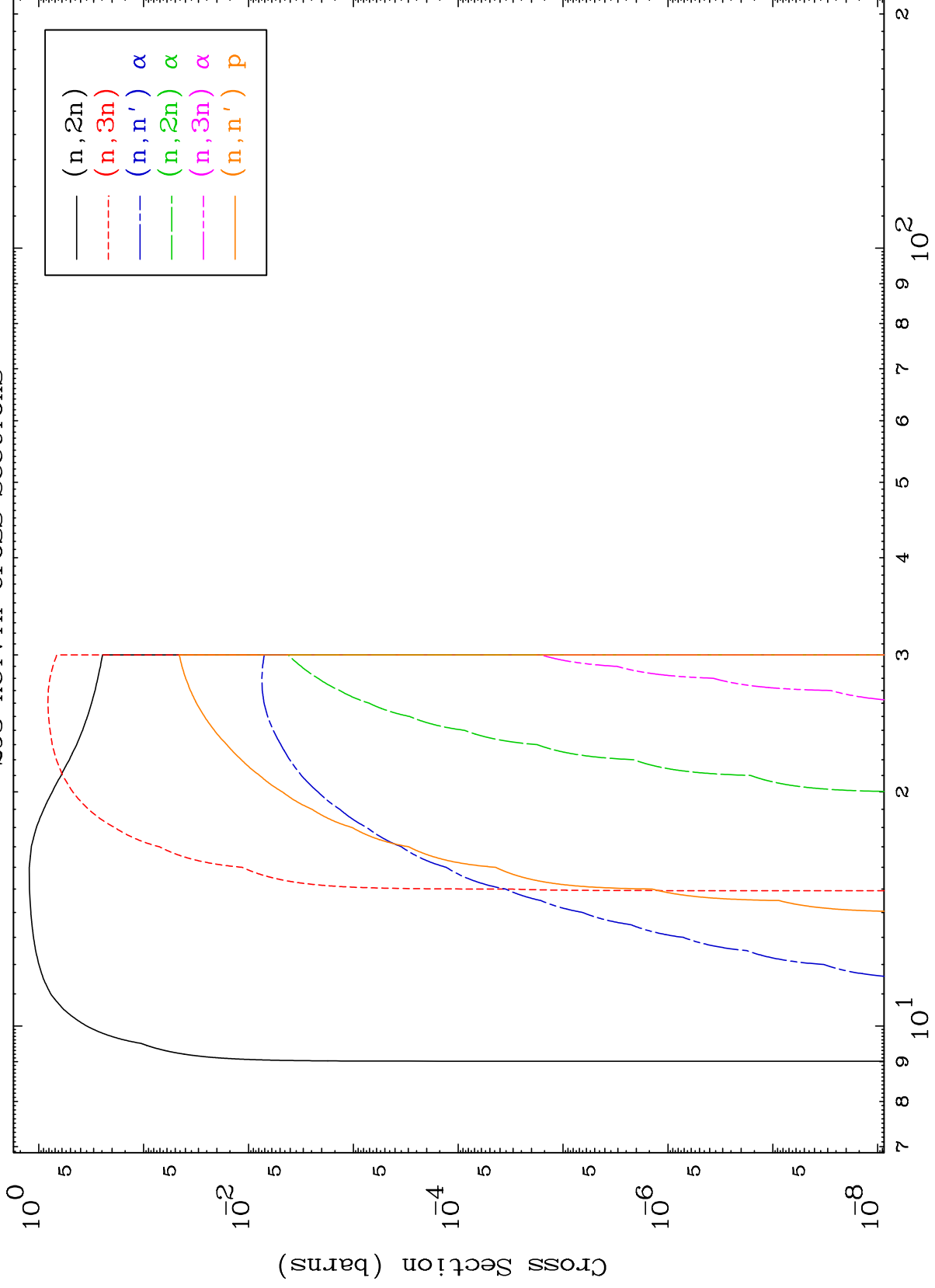
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3049

Neutron Production
293 Kelvin Cross Sections

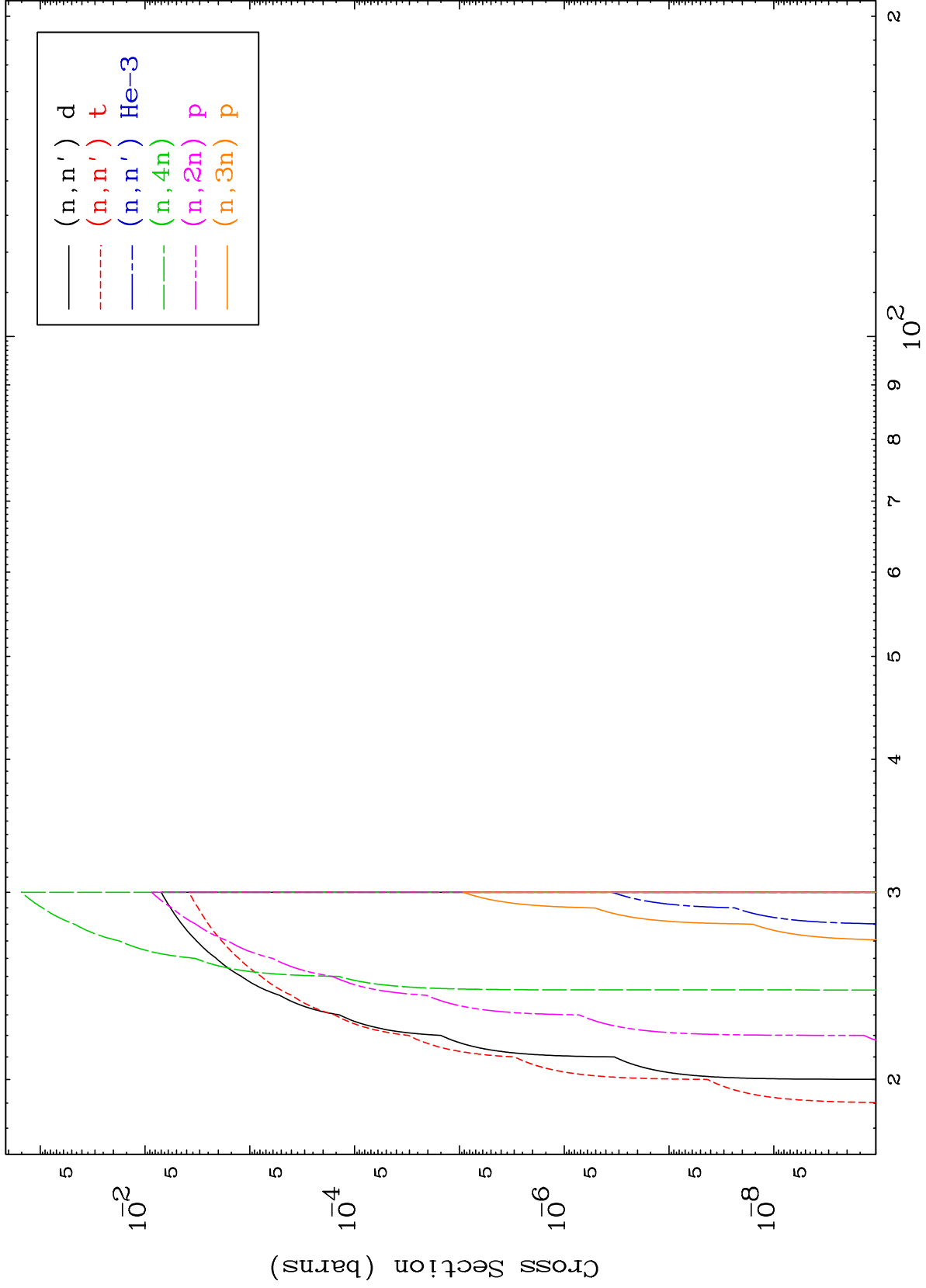
30-Zn-72



2

Incident Energy (MeV)

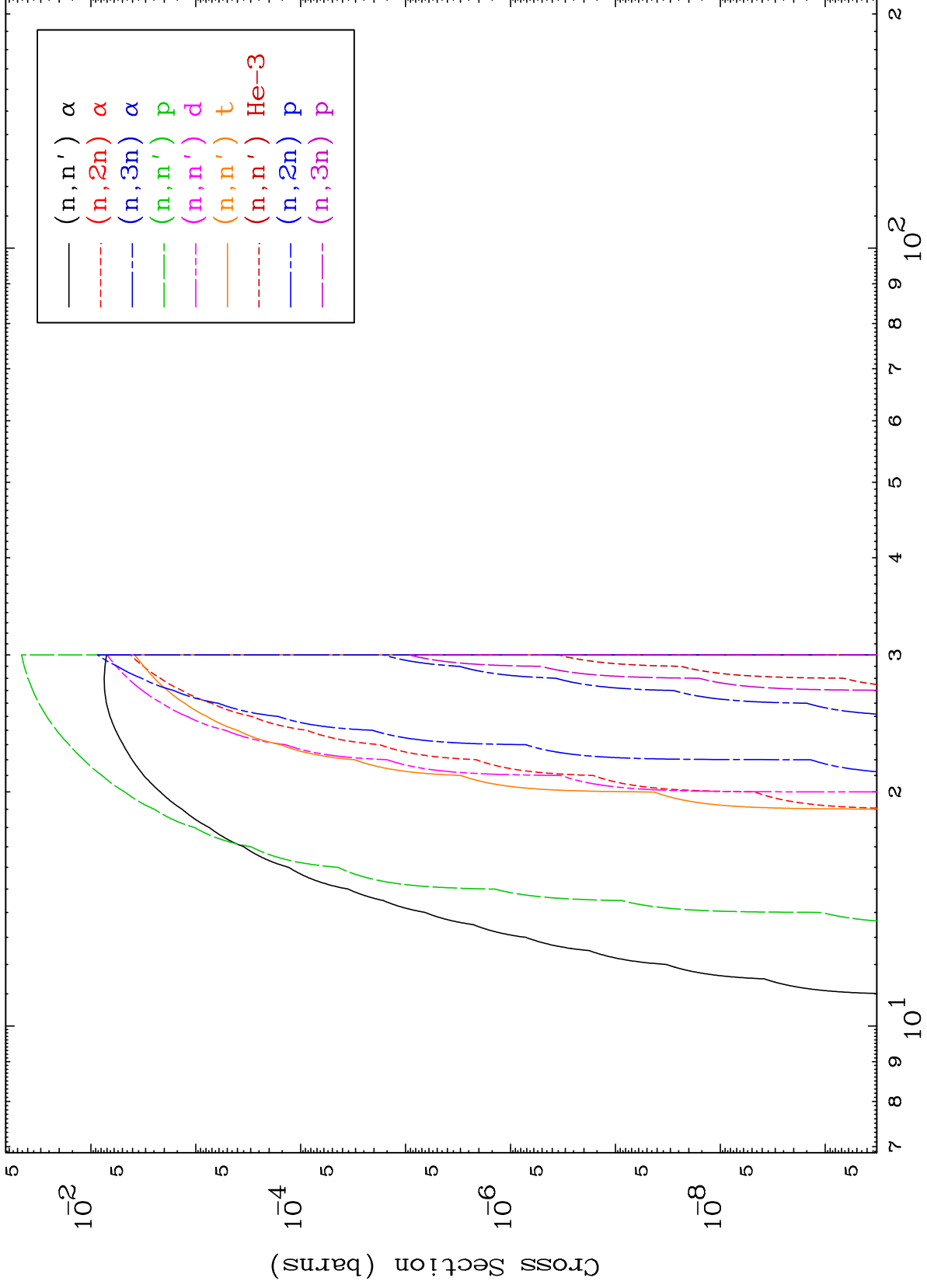
30-Zn-72

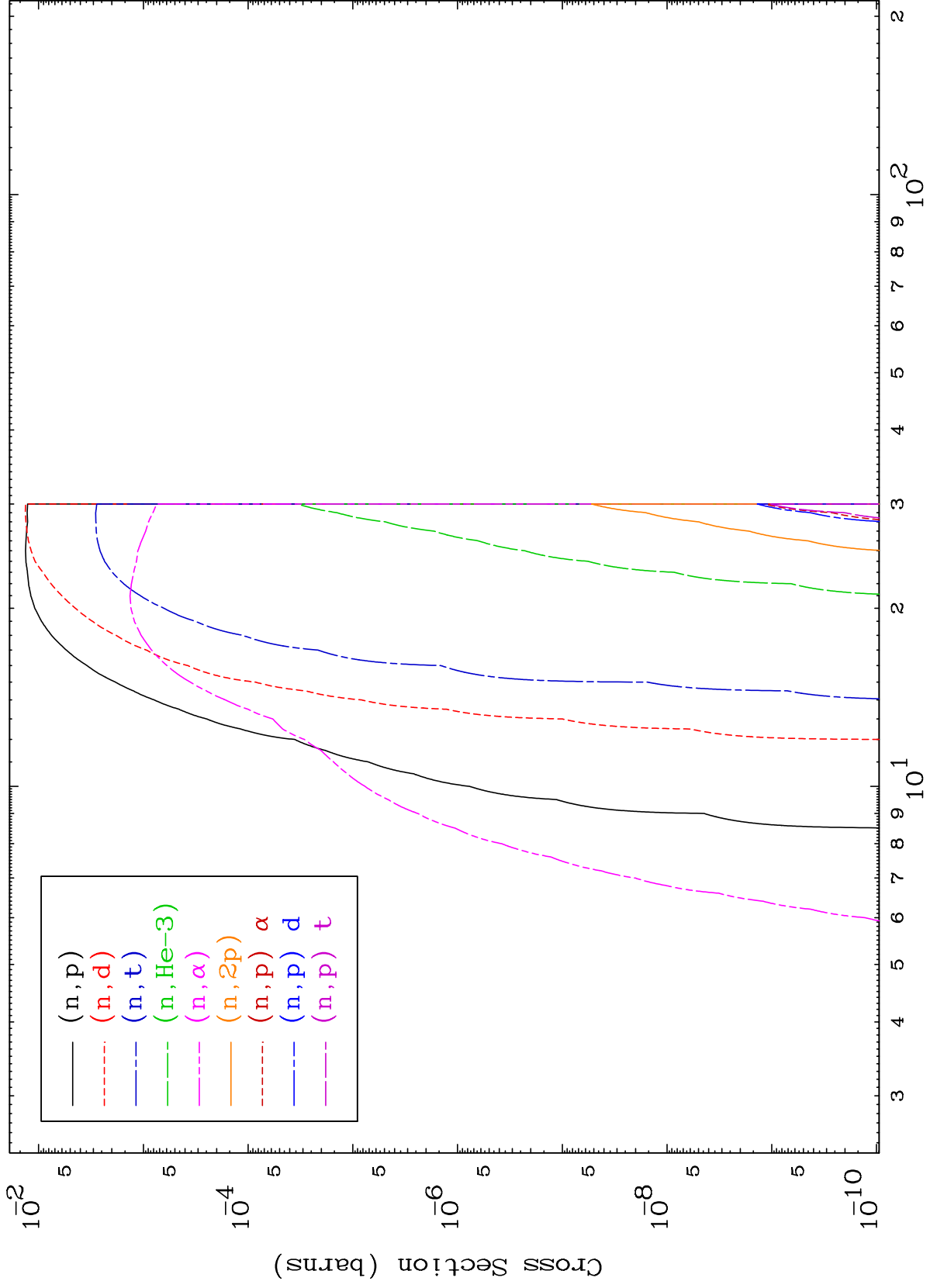


MAT 3049

Charged Particle
293 Kelvin Cross Sections

30-Zn-72

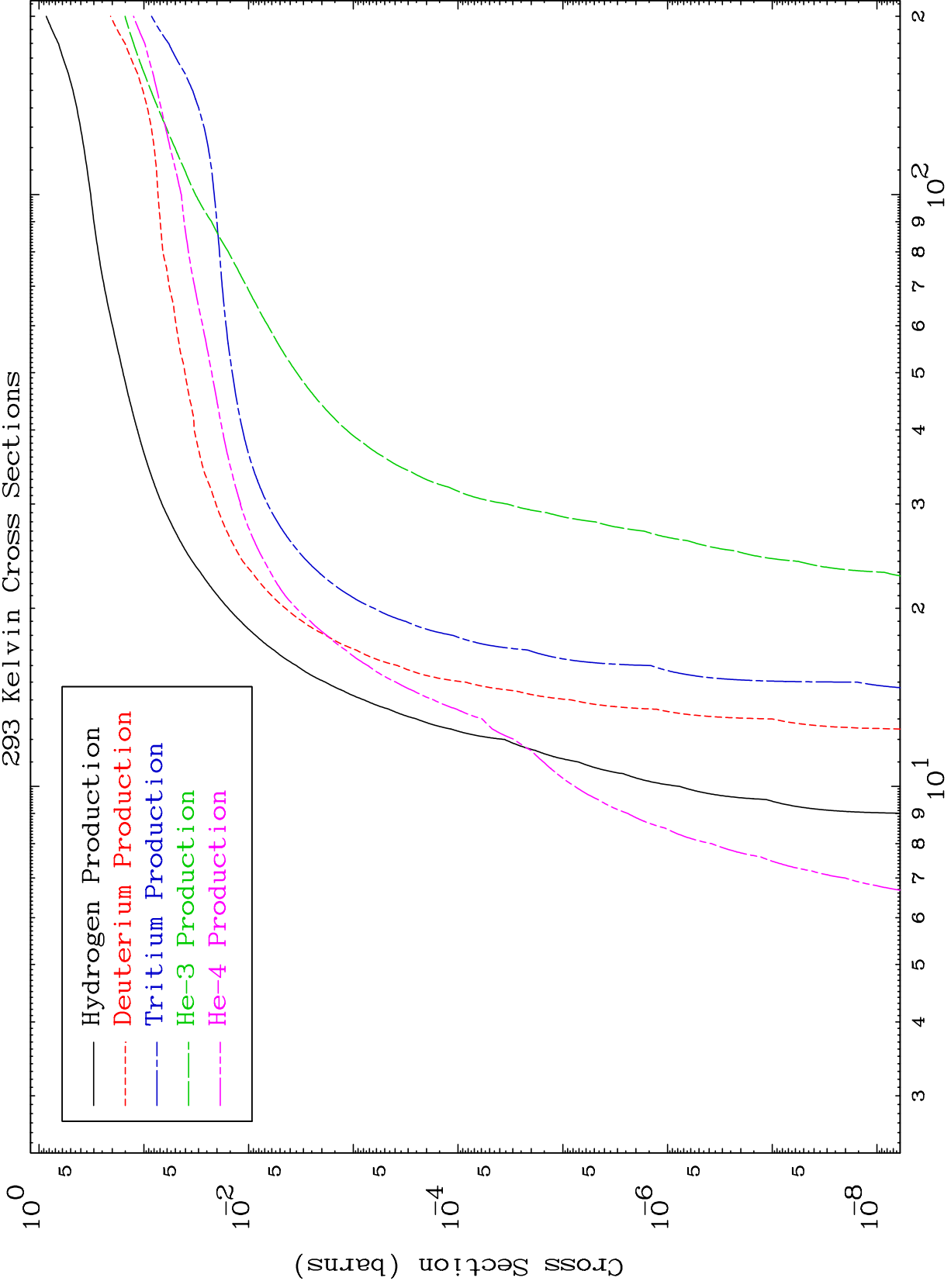




MAT 3049

Particle Production
293 Kelvin Cross Sections

30-Zn-72

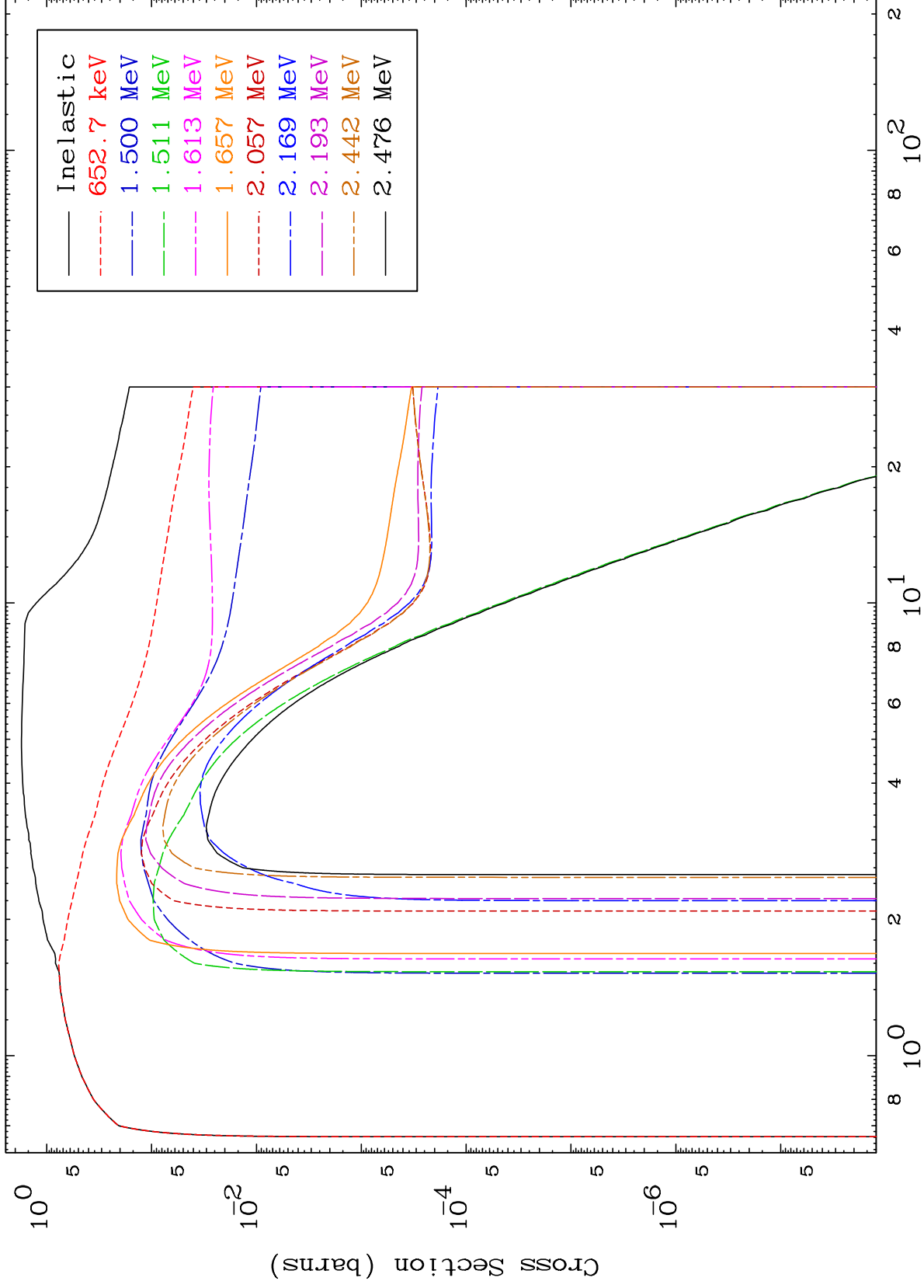


MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections



7

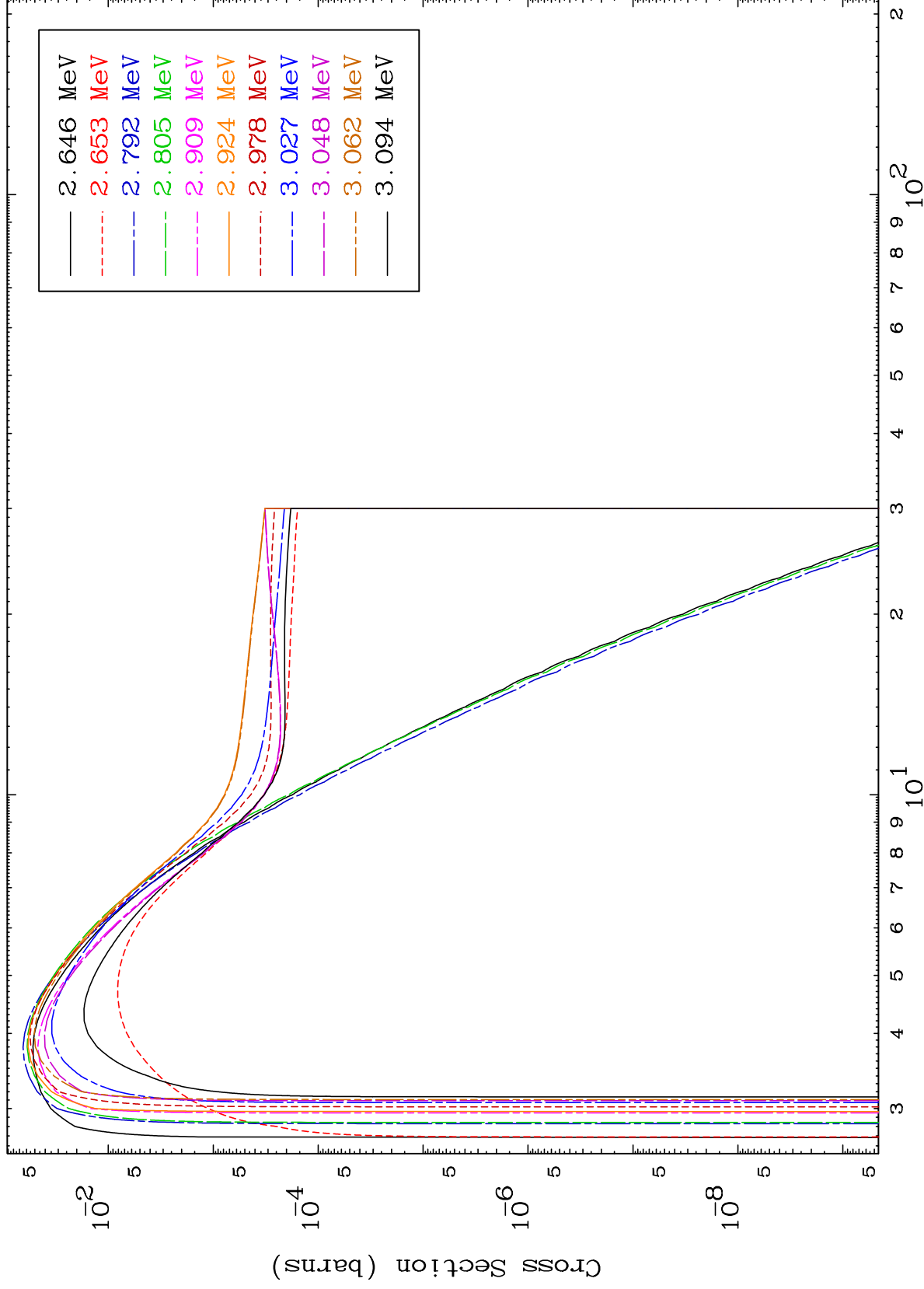
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,n') Level
293 Kelvin Cross Sections

30-Zn-72



8

Incident Energy (MeV)

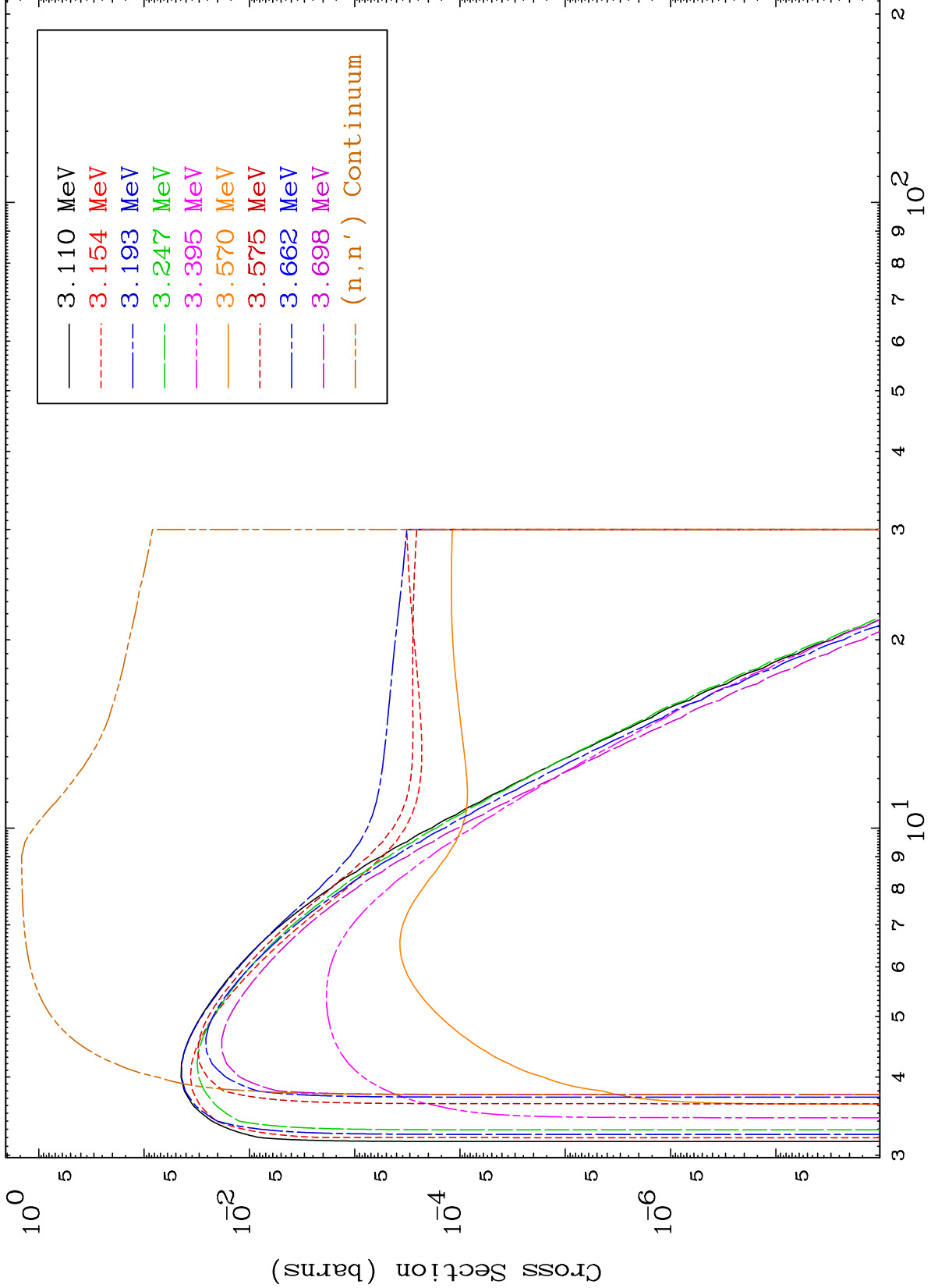
30-Zn-72

MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections



9

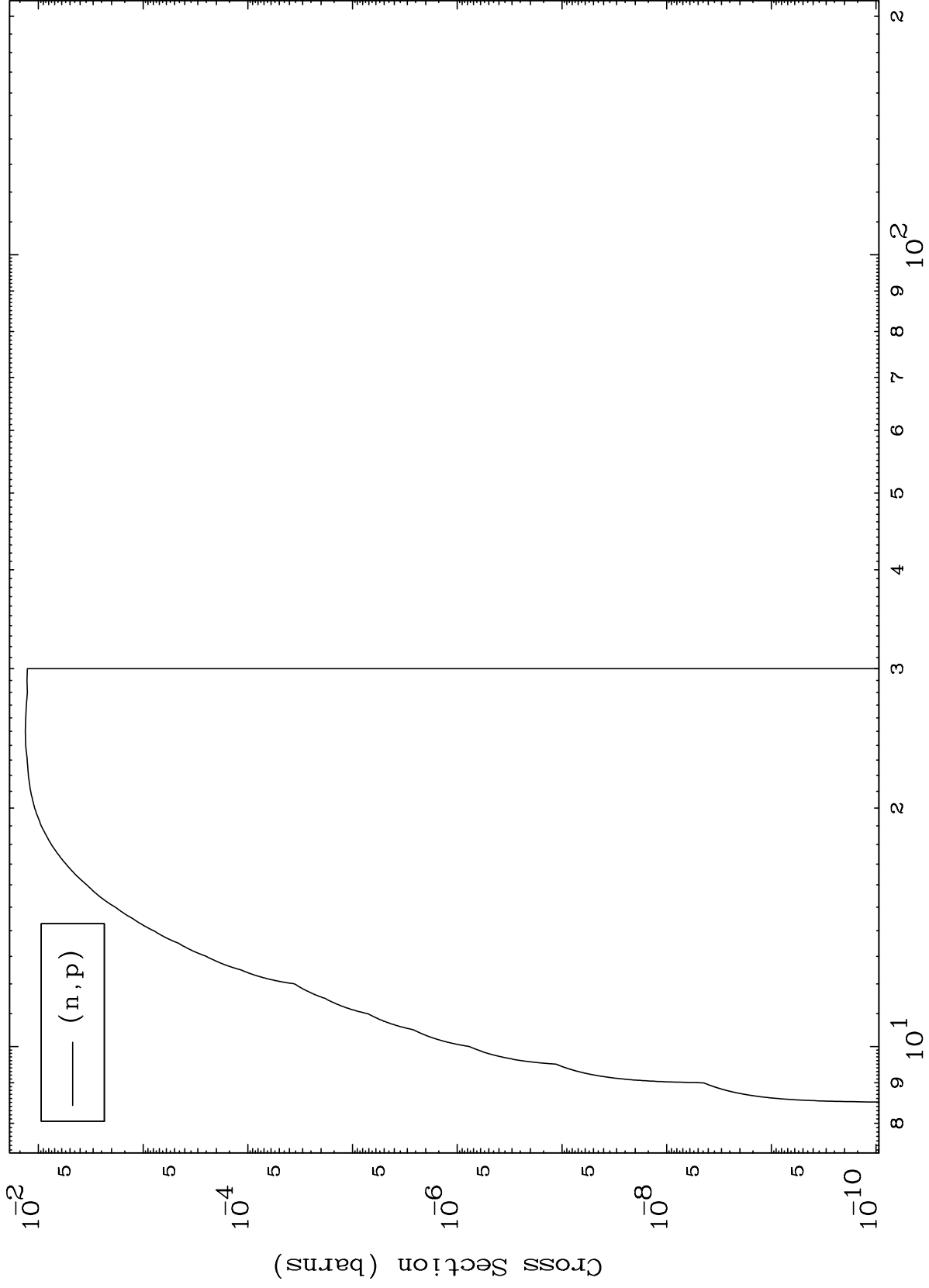
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-72



10

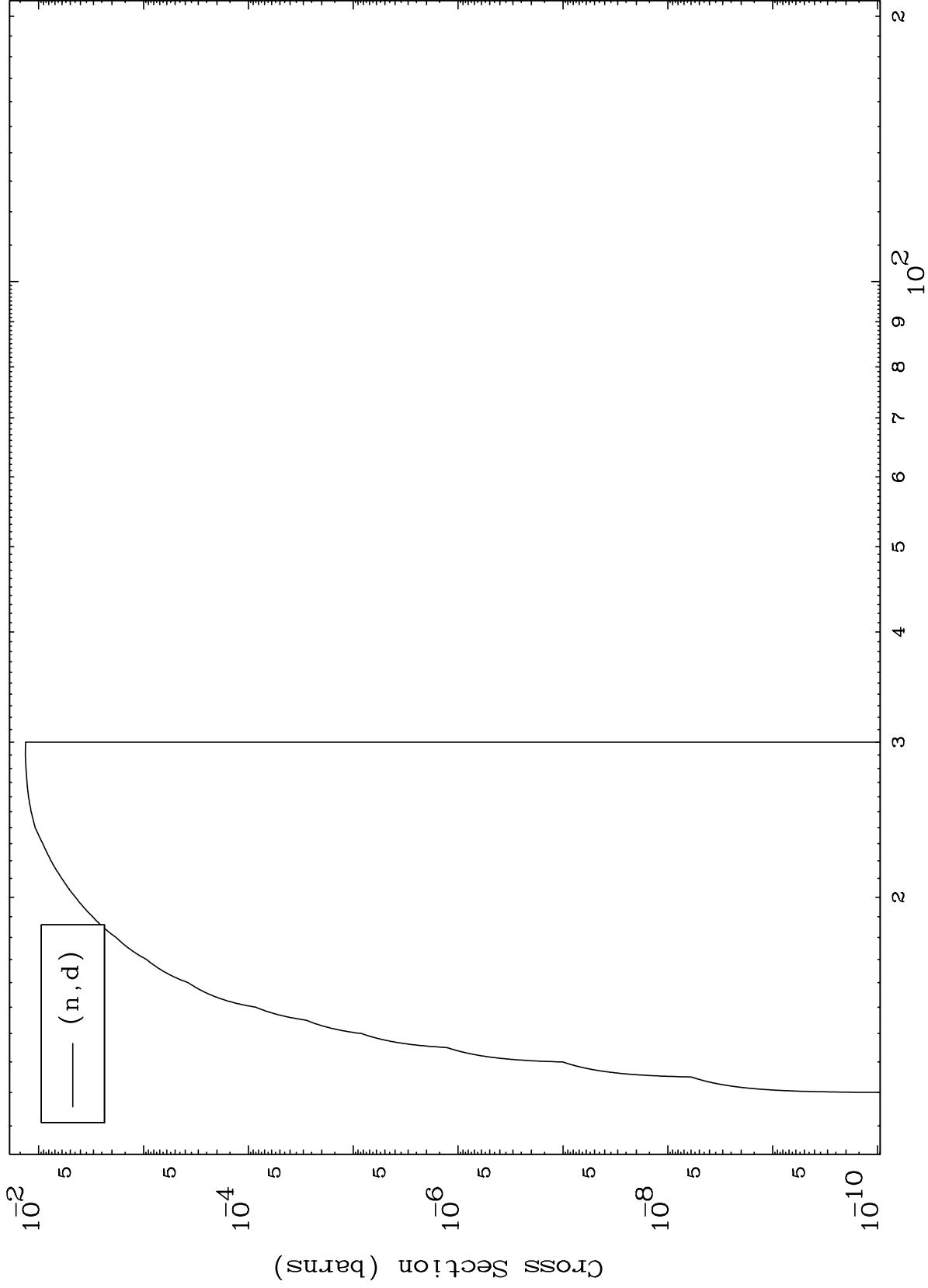
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-72



11

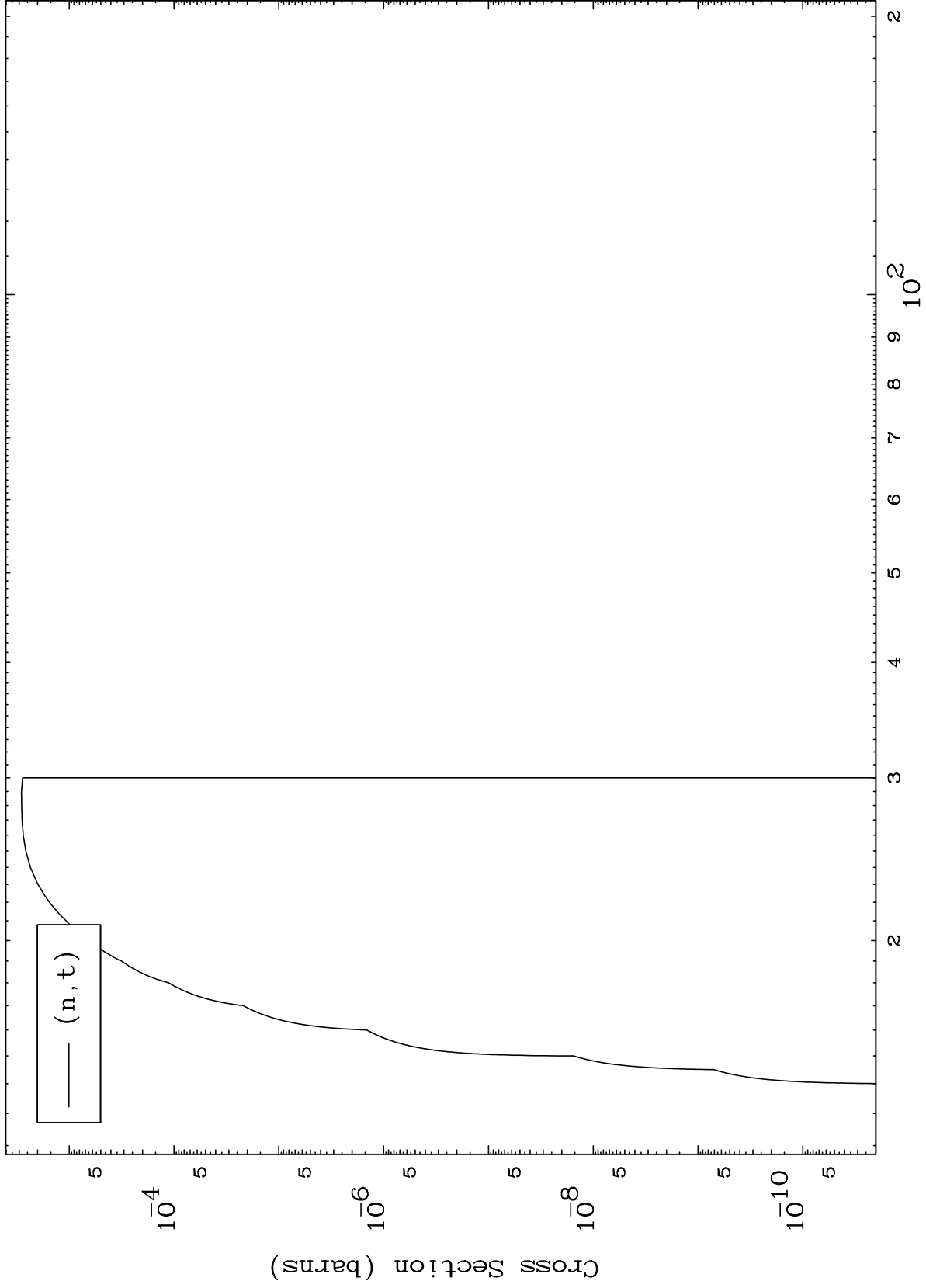
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-72



12

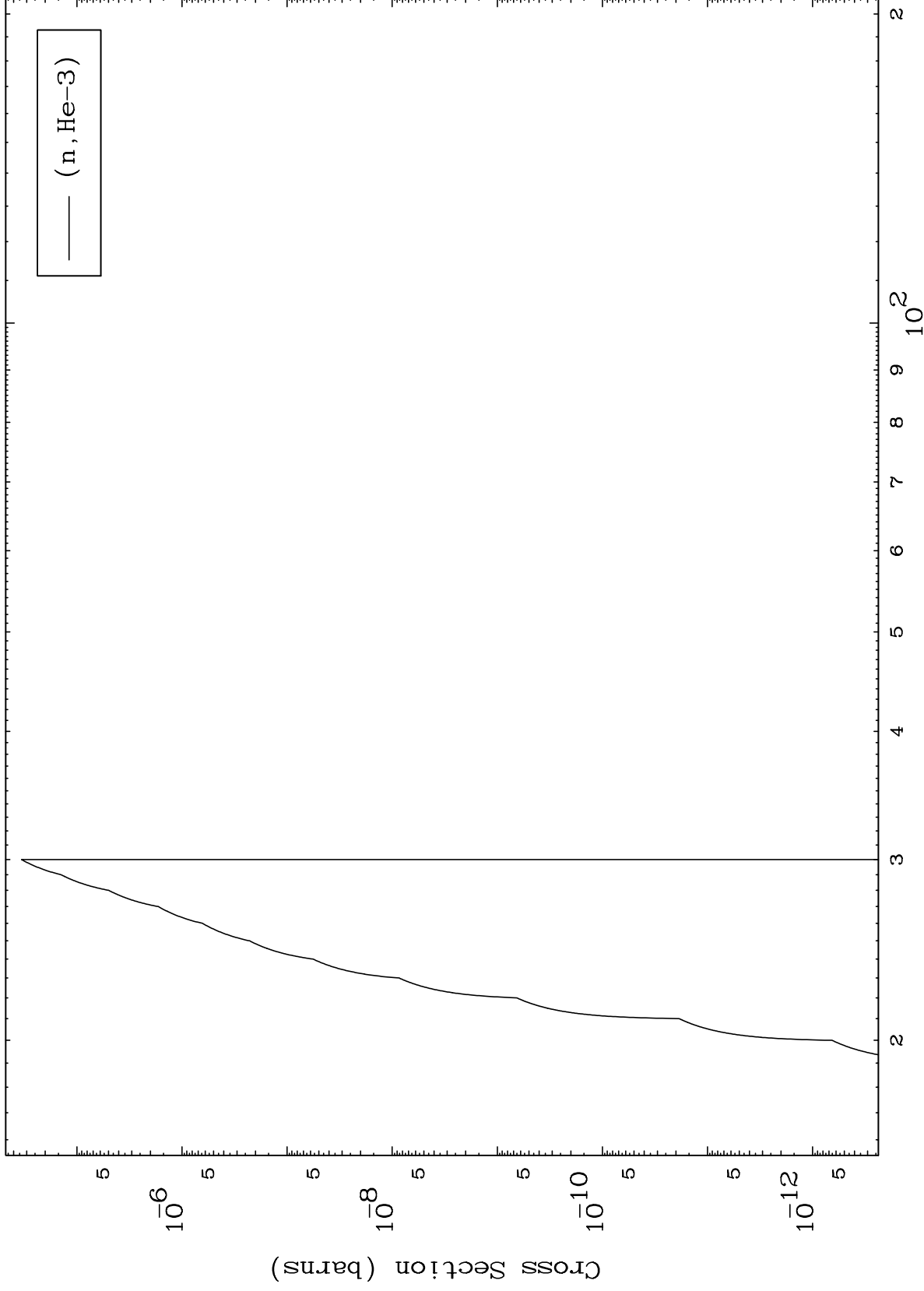
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-72



13

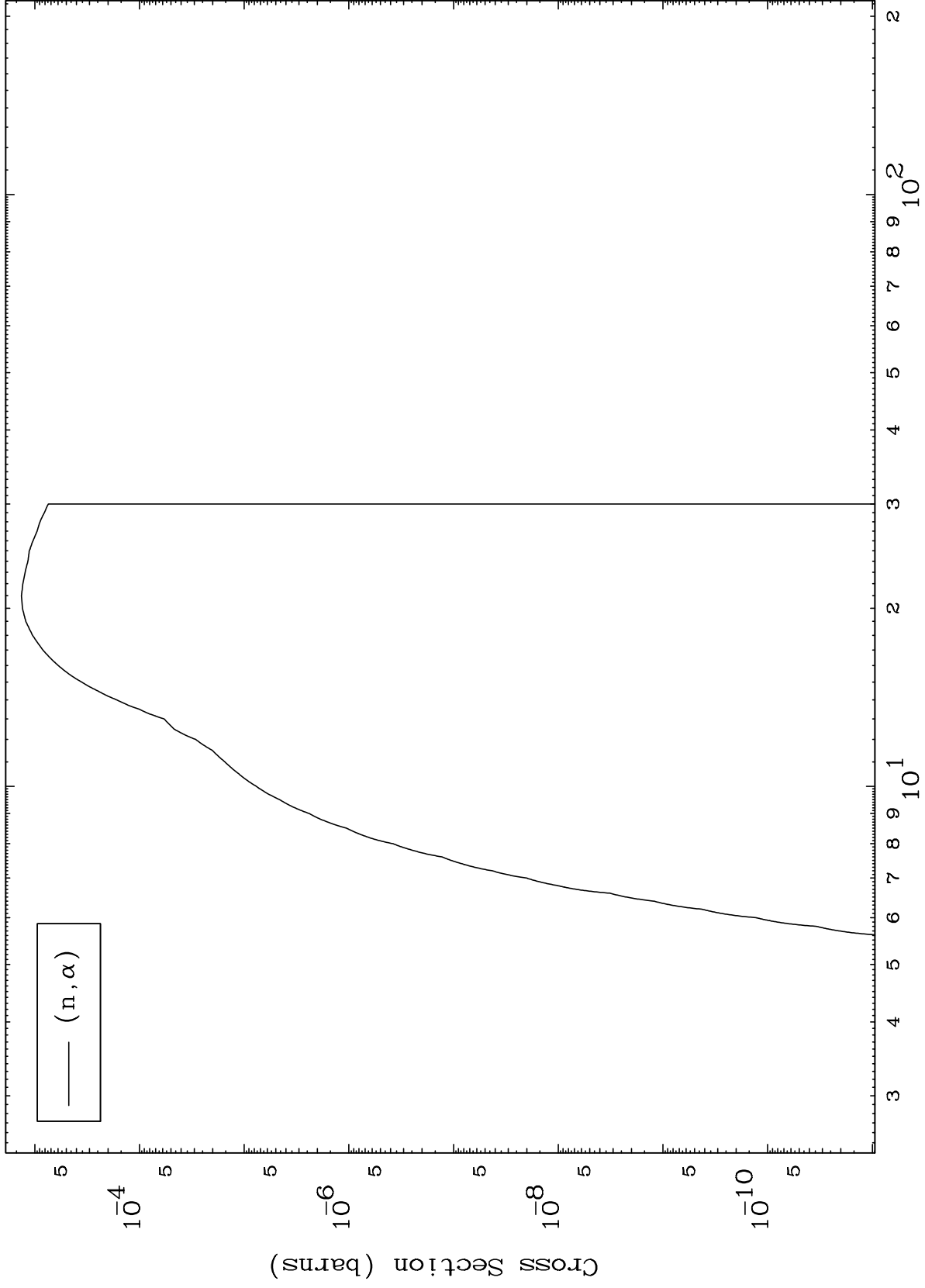
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n, α) Levels
293 Kelvin Cross Sections

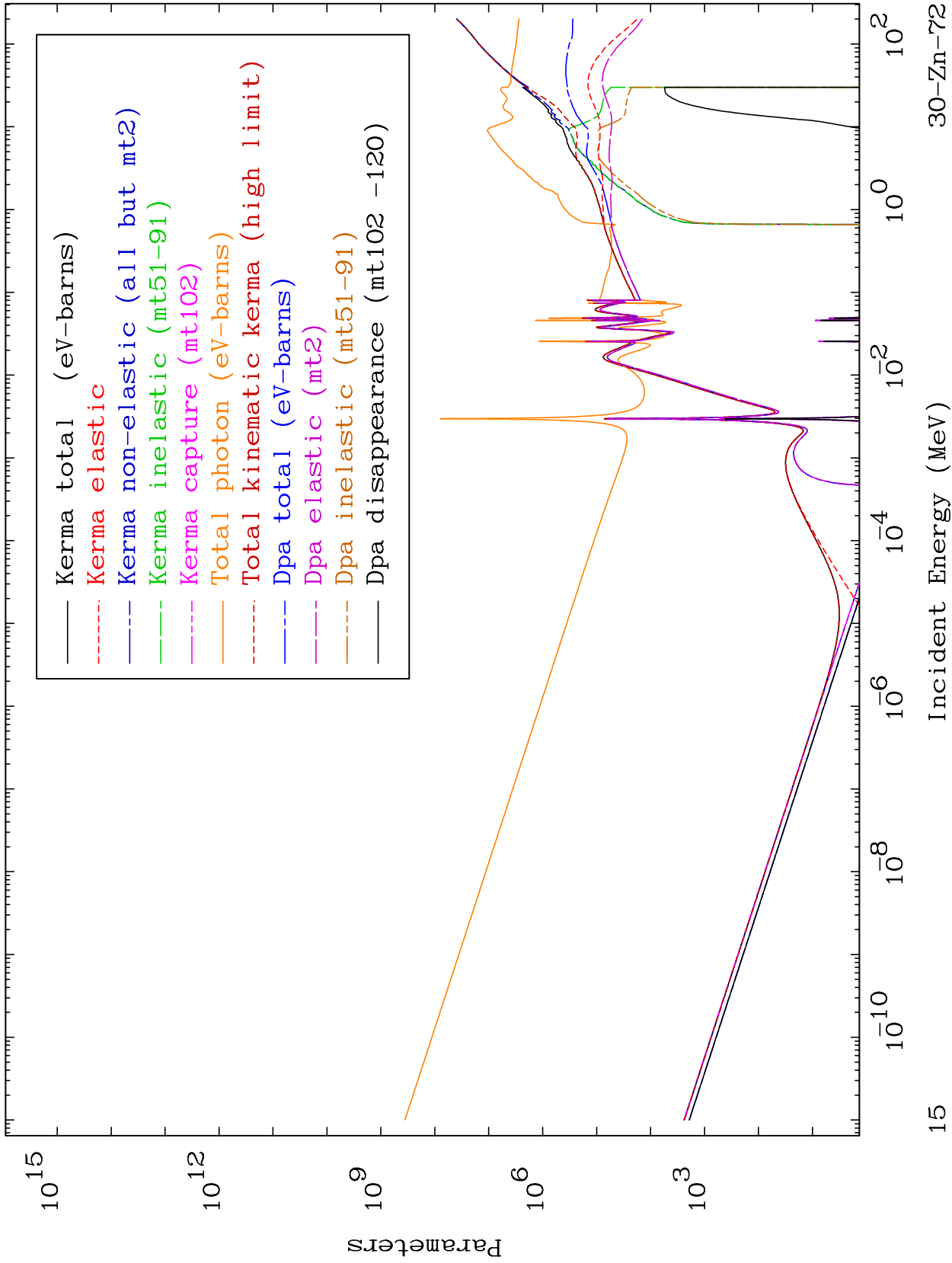
30-Zn-72



14

Incident Energy (MeV)

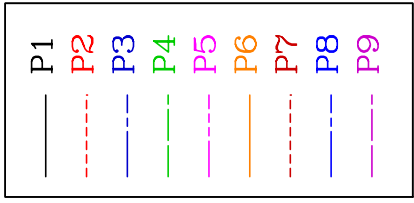
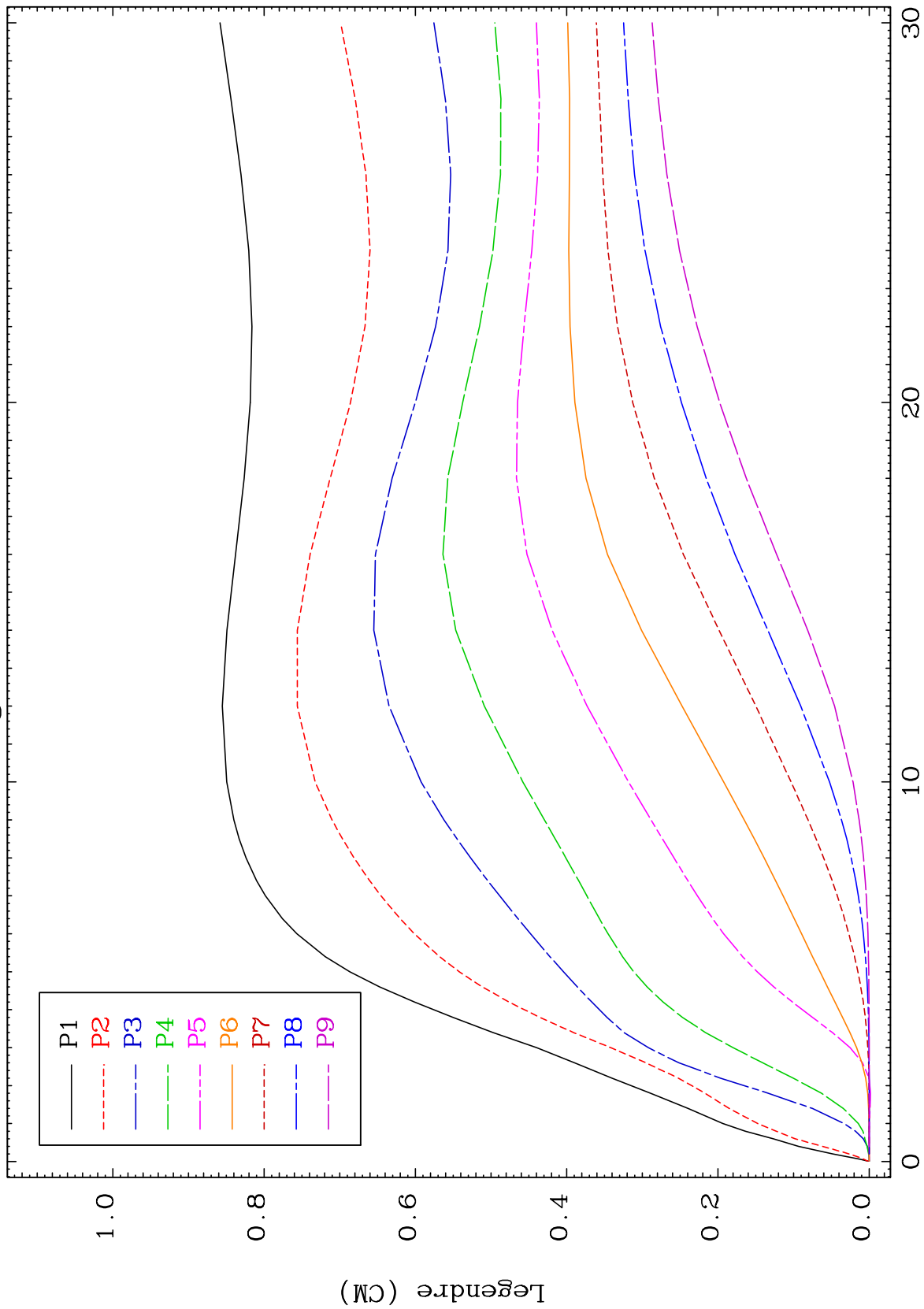
30-Zn-72



MAT 3049

Elastic Legendre Coefficients

30-Zn-72



16

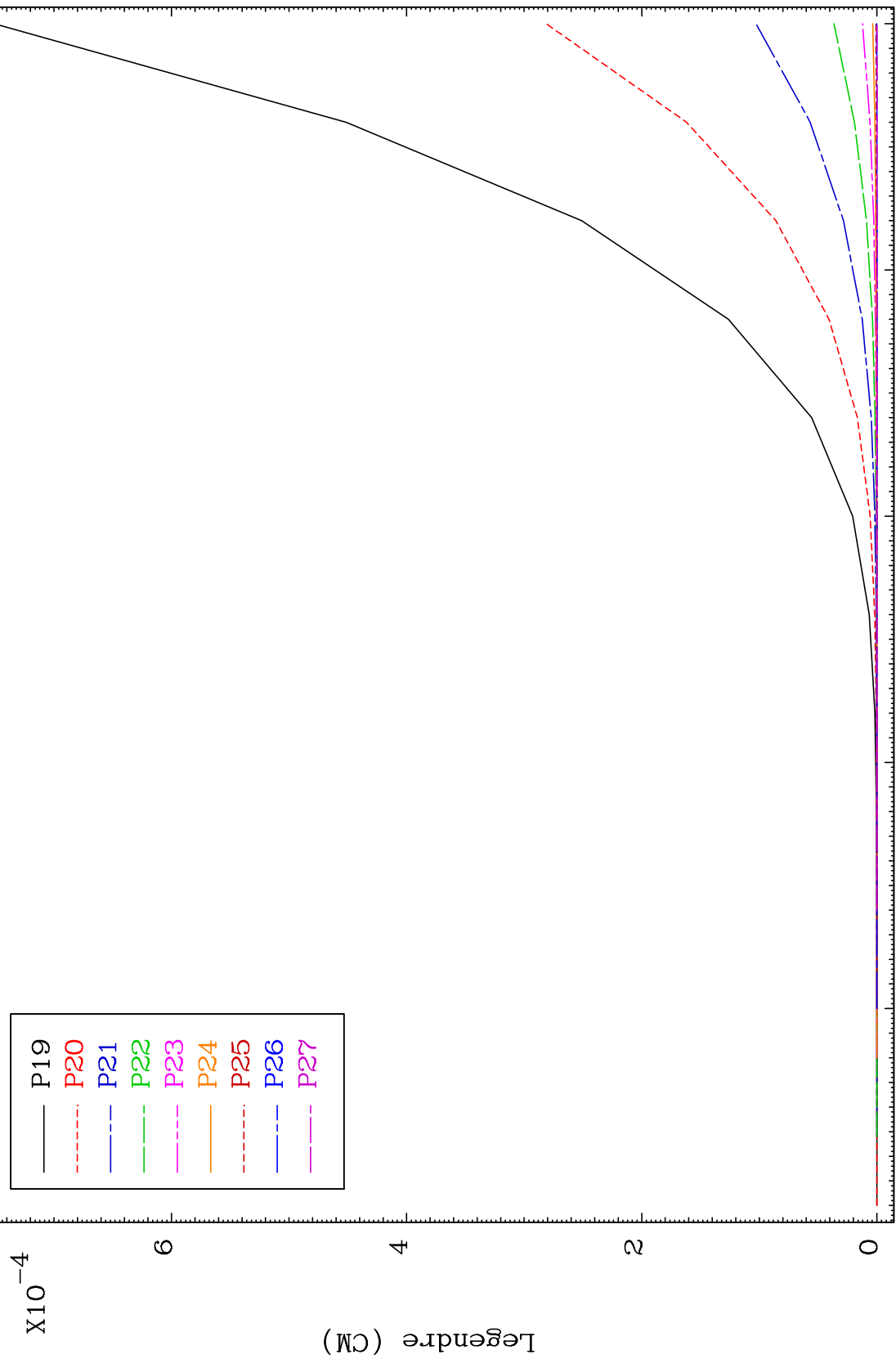
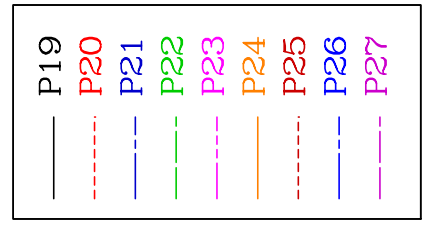
Incident Energy (MeV)

30-Zn-72

MAT 3049

Elastic Legendre Coefficients

30-Zn-72



18

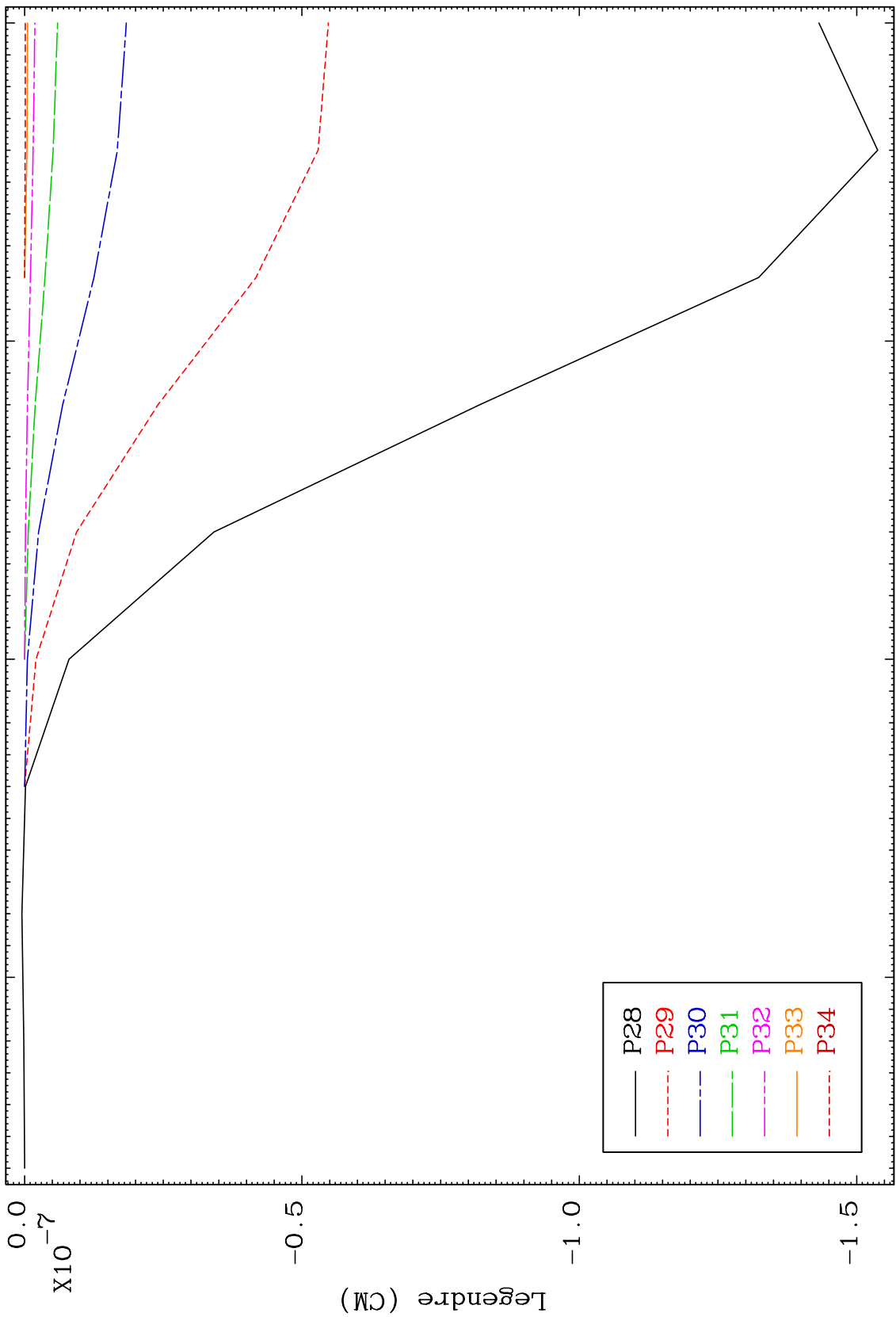
Incident Energy (MeV)

30-Zn-72

MAT 3049

30-Zn-72

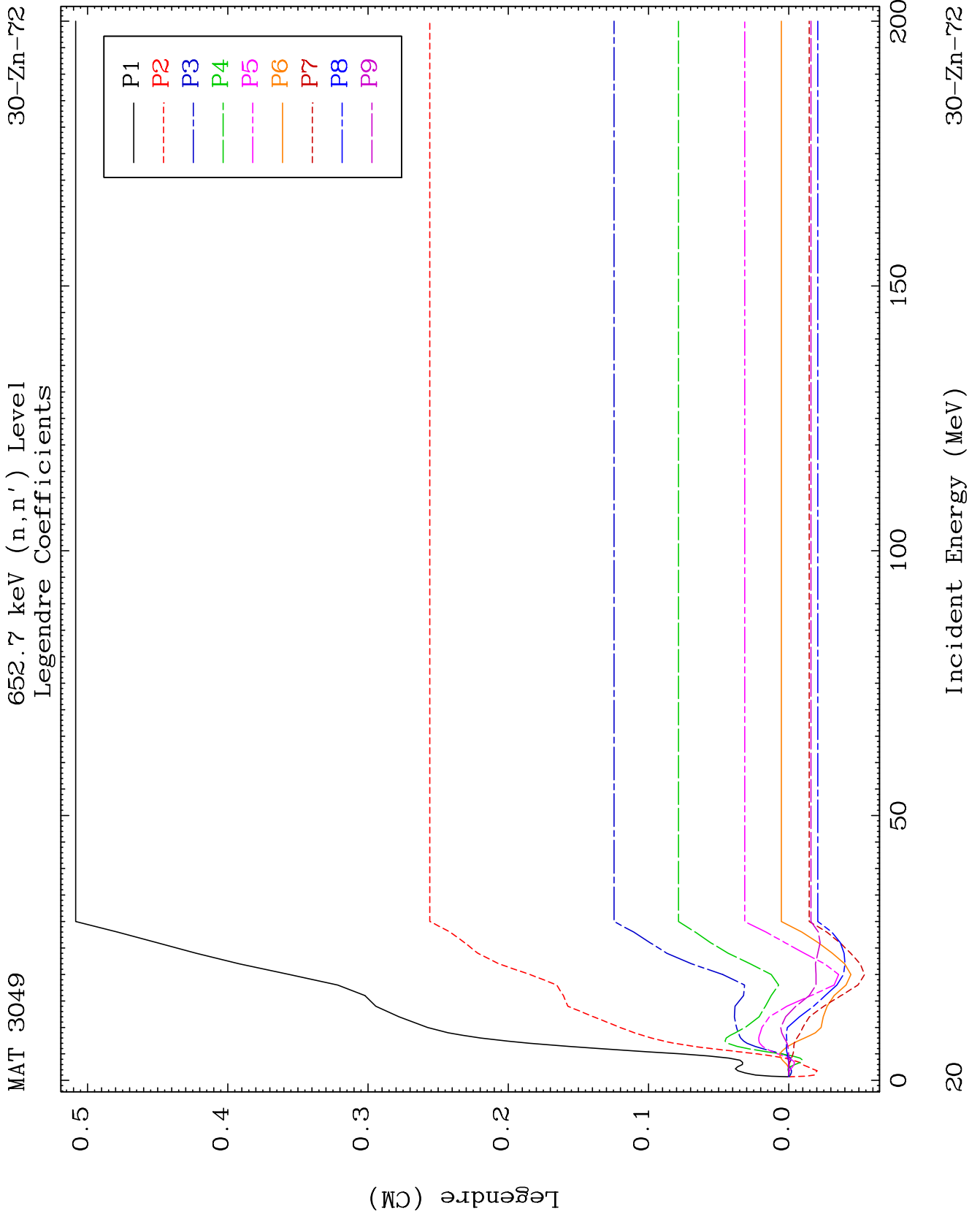
Elastic Legendre Coefficients



19

Incident Energy (MeV)

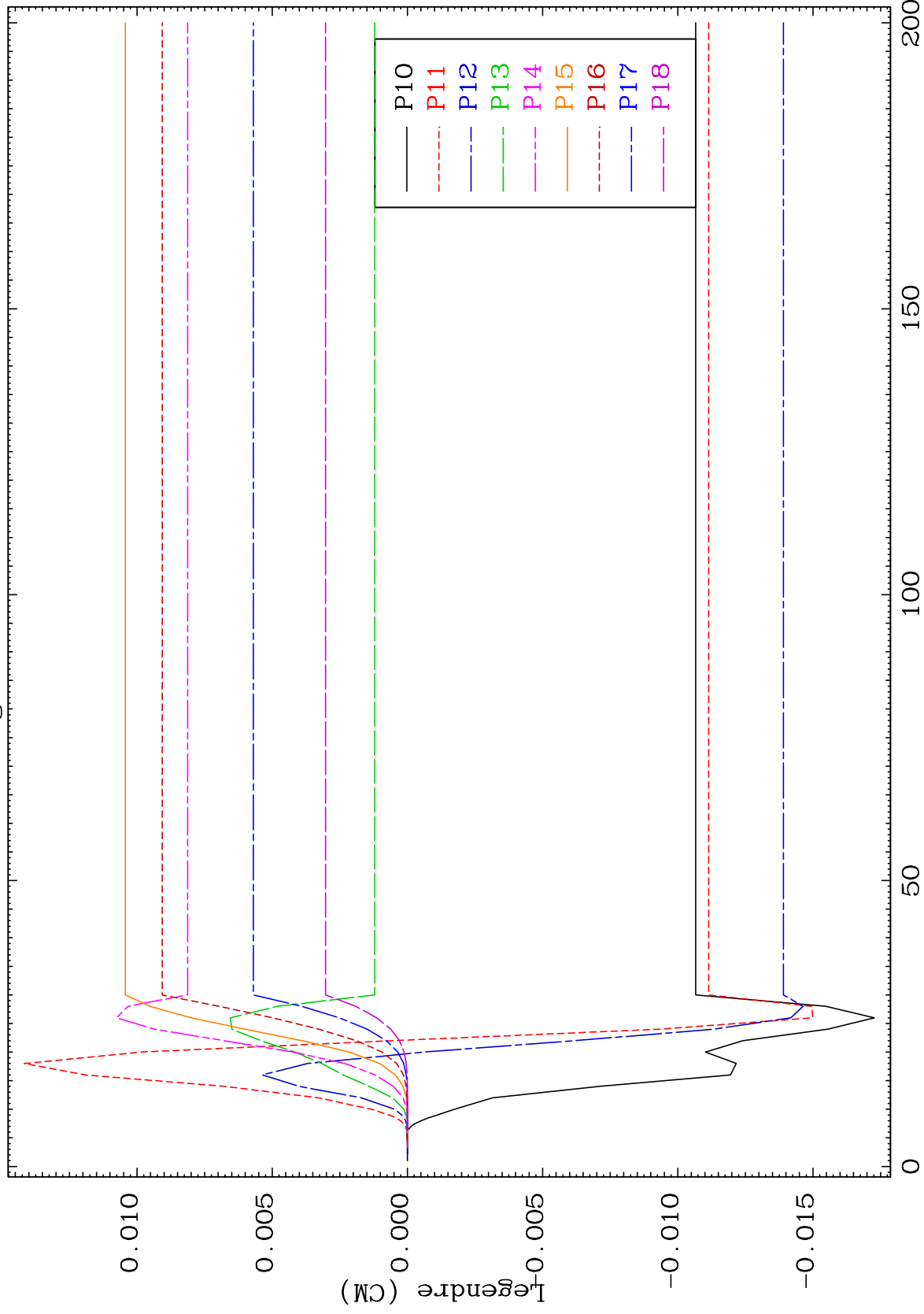
30-Zn-72



MAT 3049

652.7 keV (n,n') Level
Legendre Coefficients

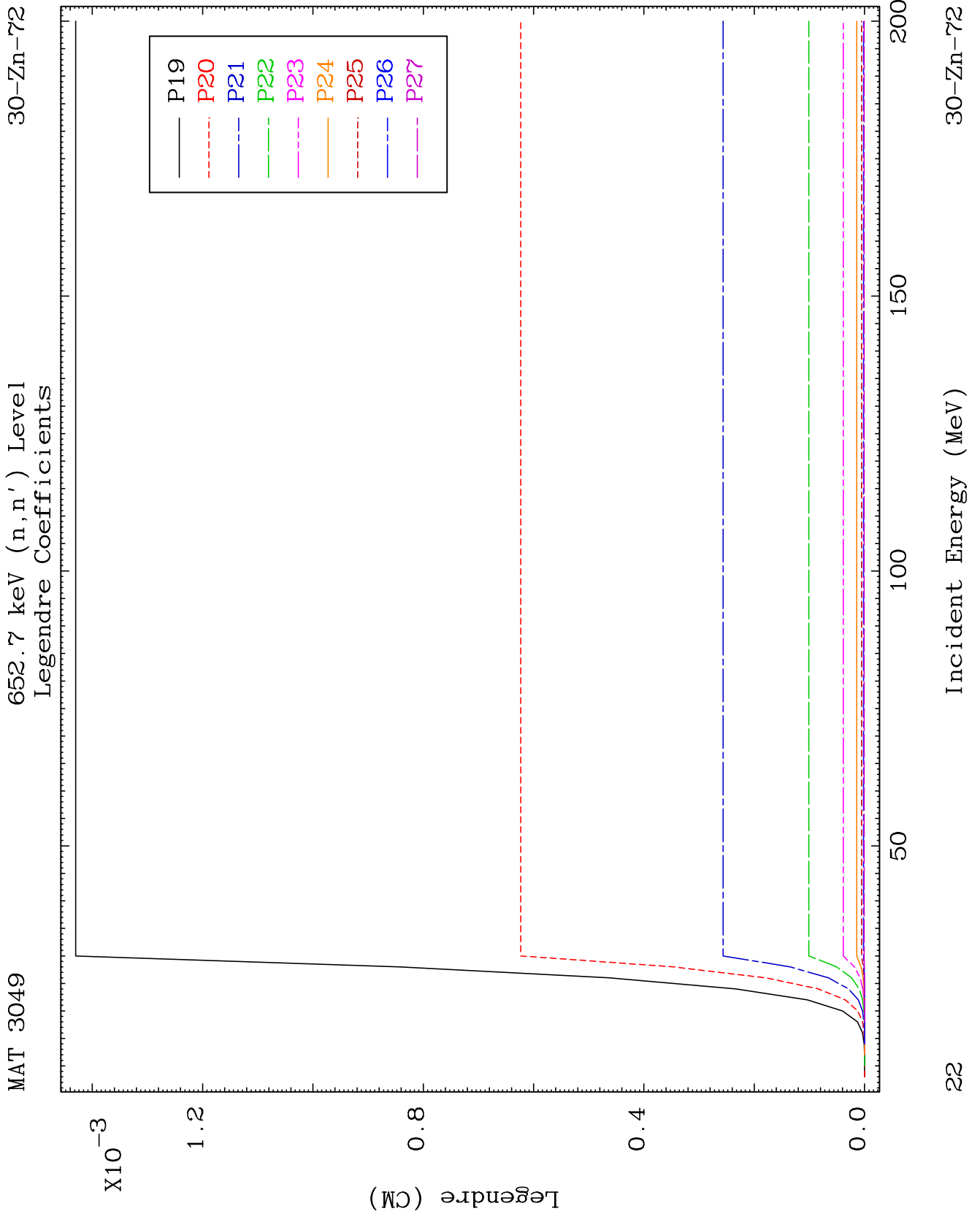
30-Zn-72

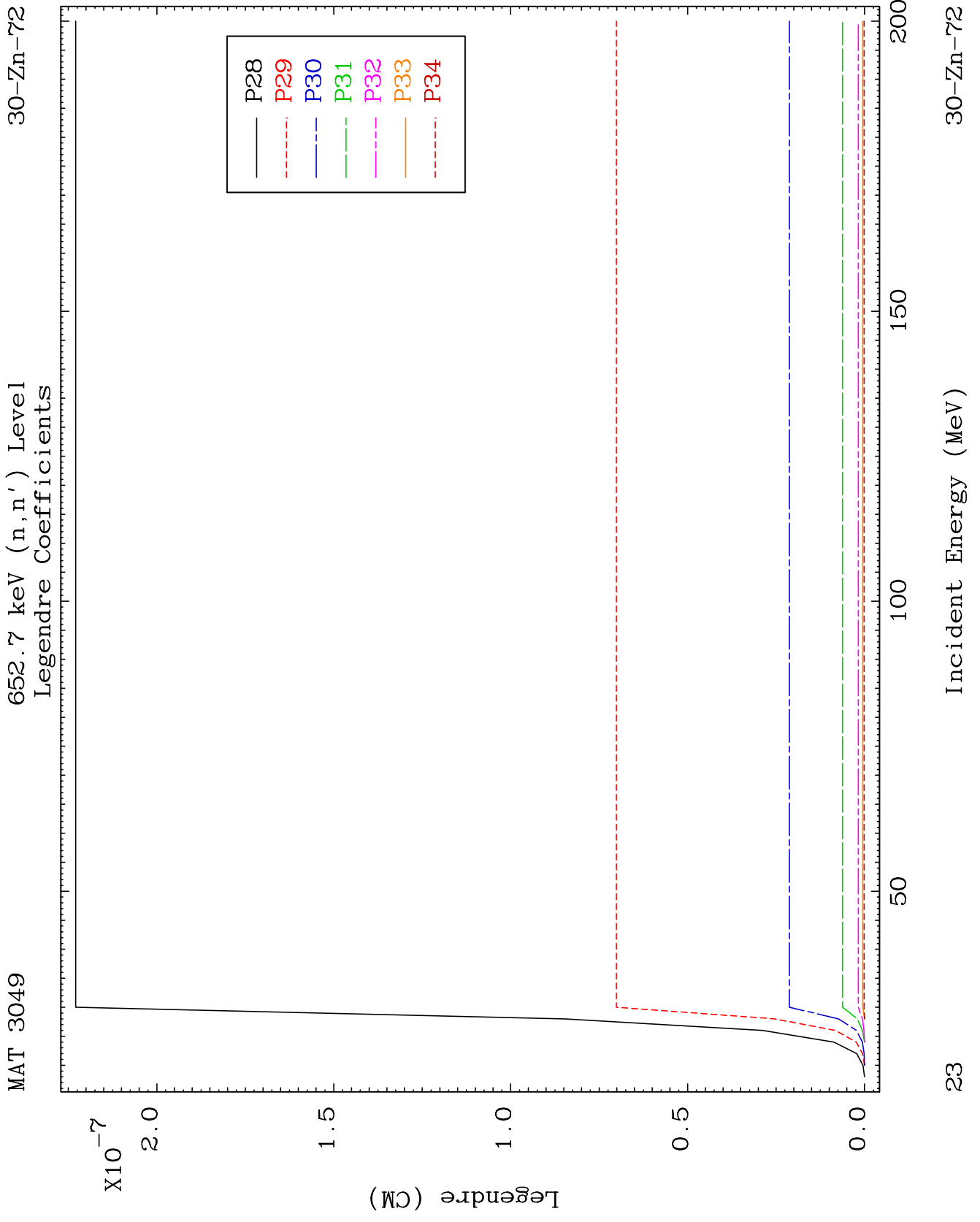


21

Incident Energy (MeV)

30-Zn-72

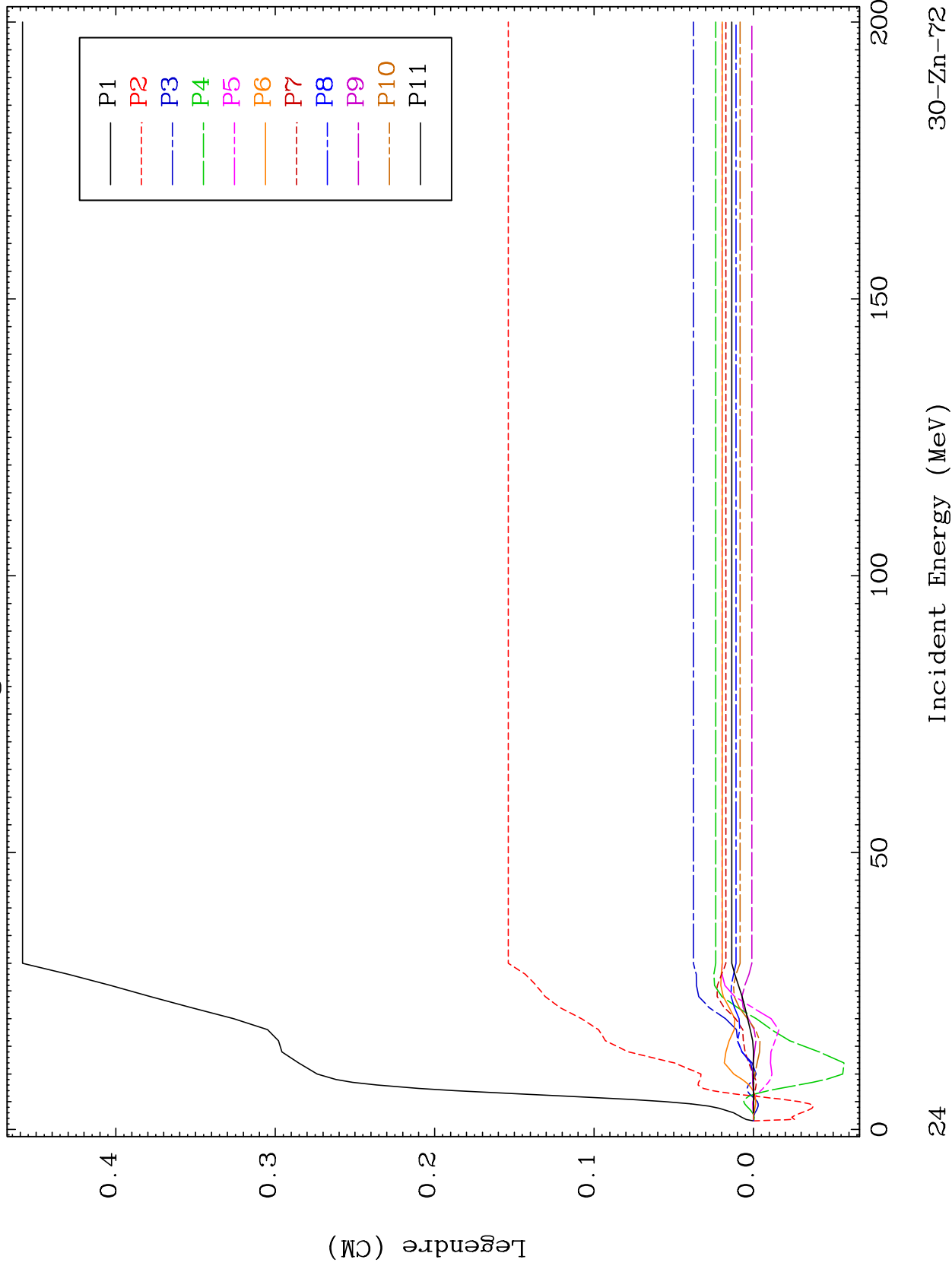




MAT 3049

1.500 MeV (n,n') Level
Legendre Coefficients

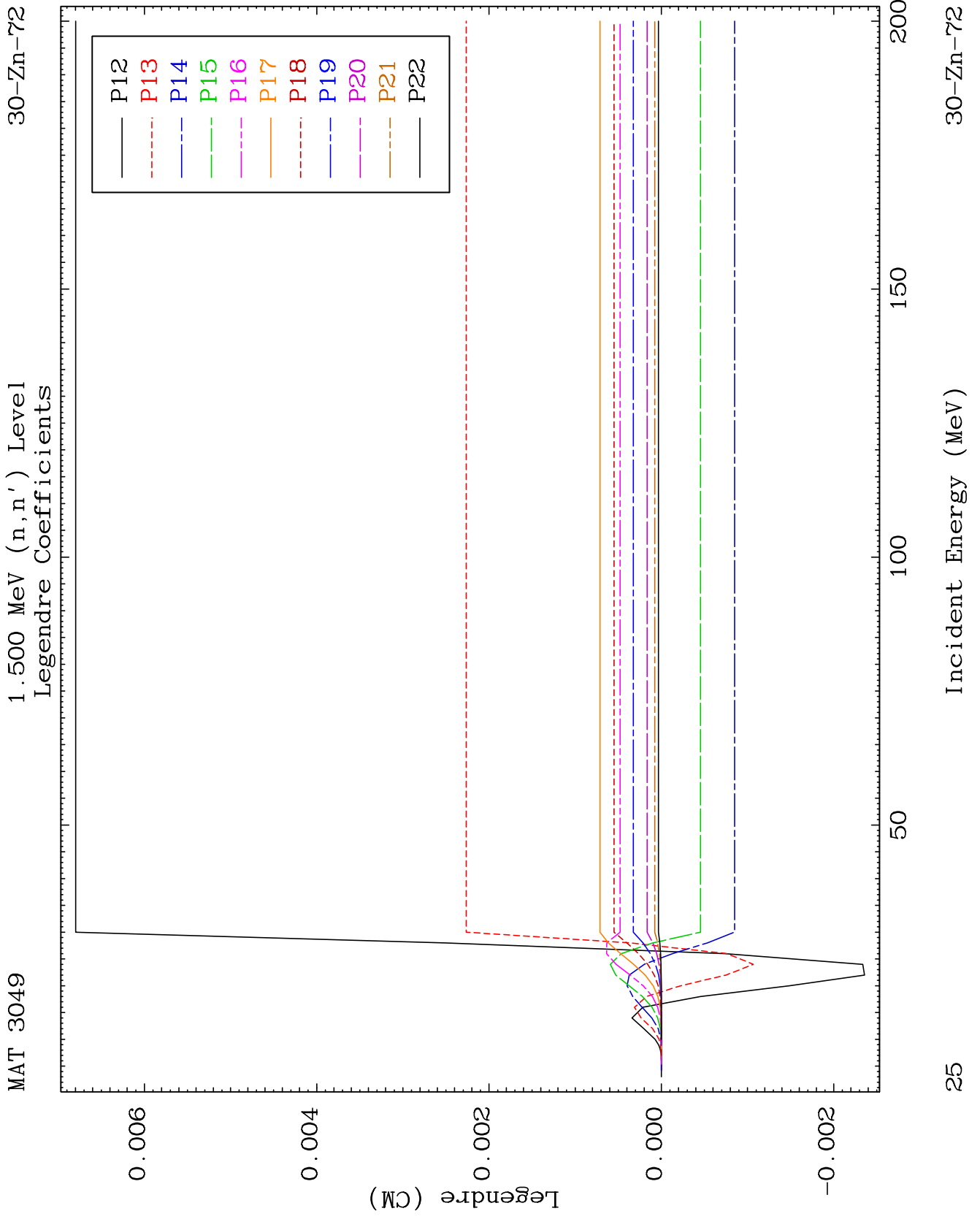
30-Zn-72

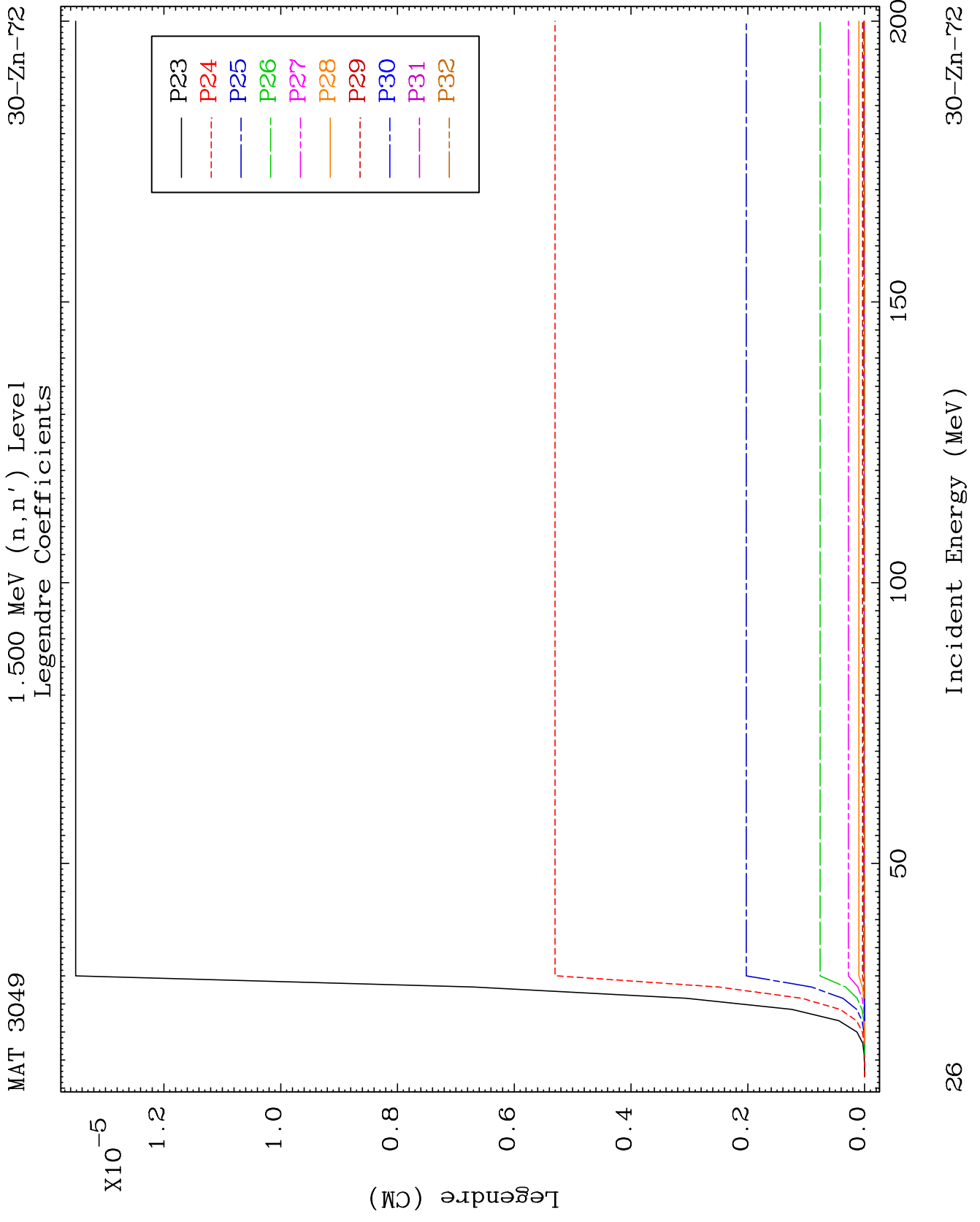


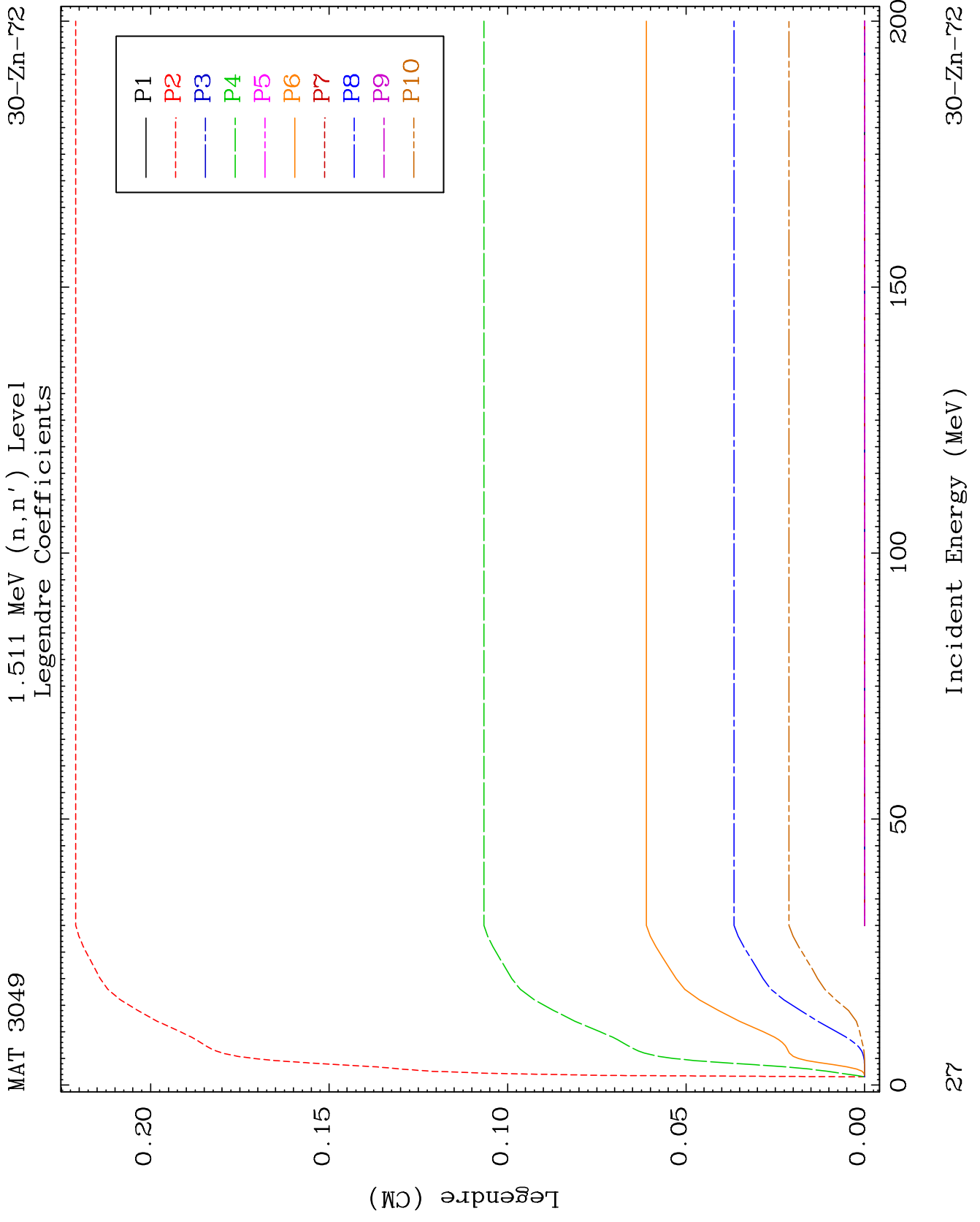
30-Zn-72

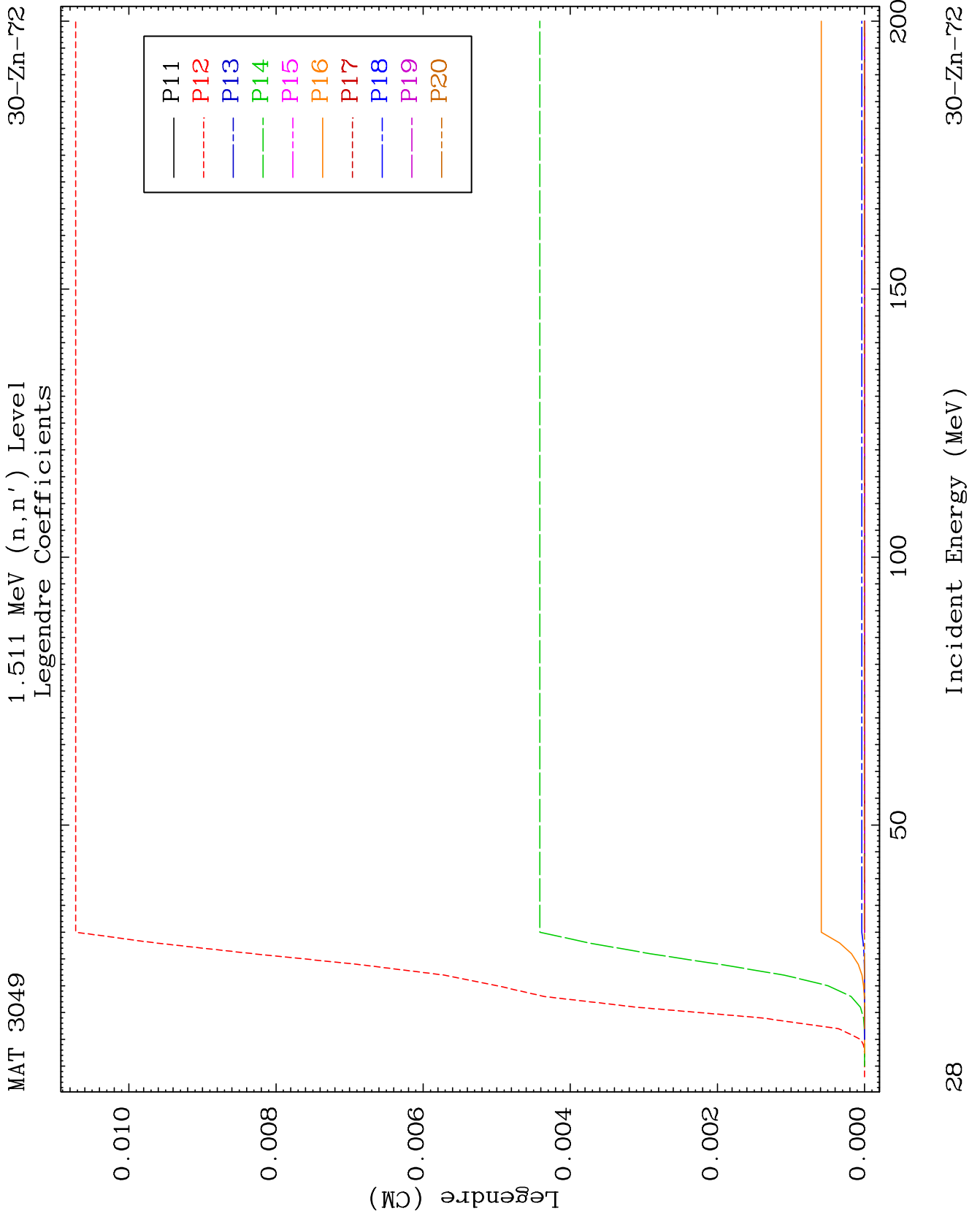
Incident Energy (MeV)

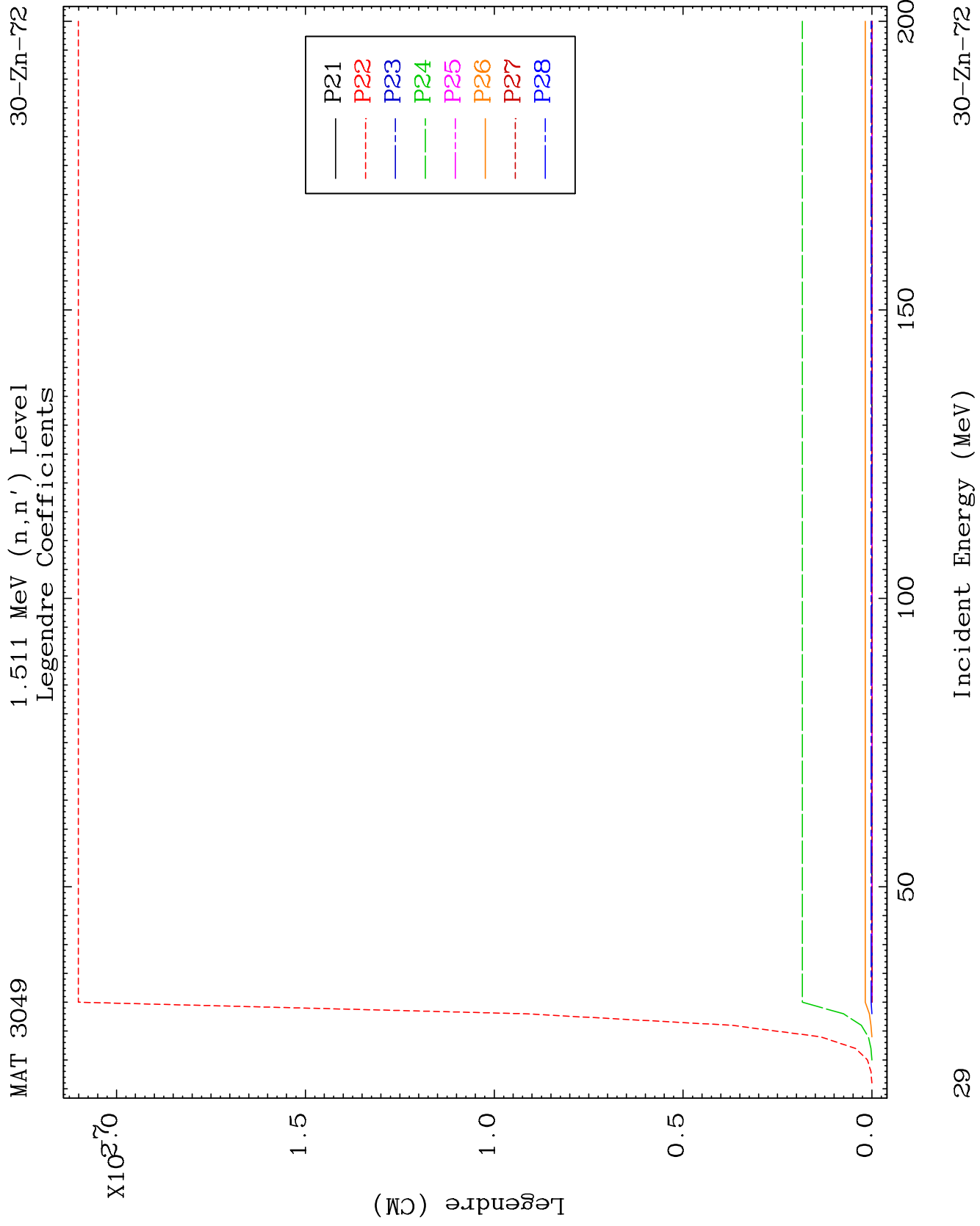
24







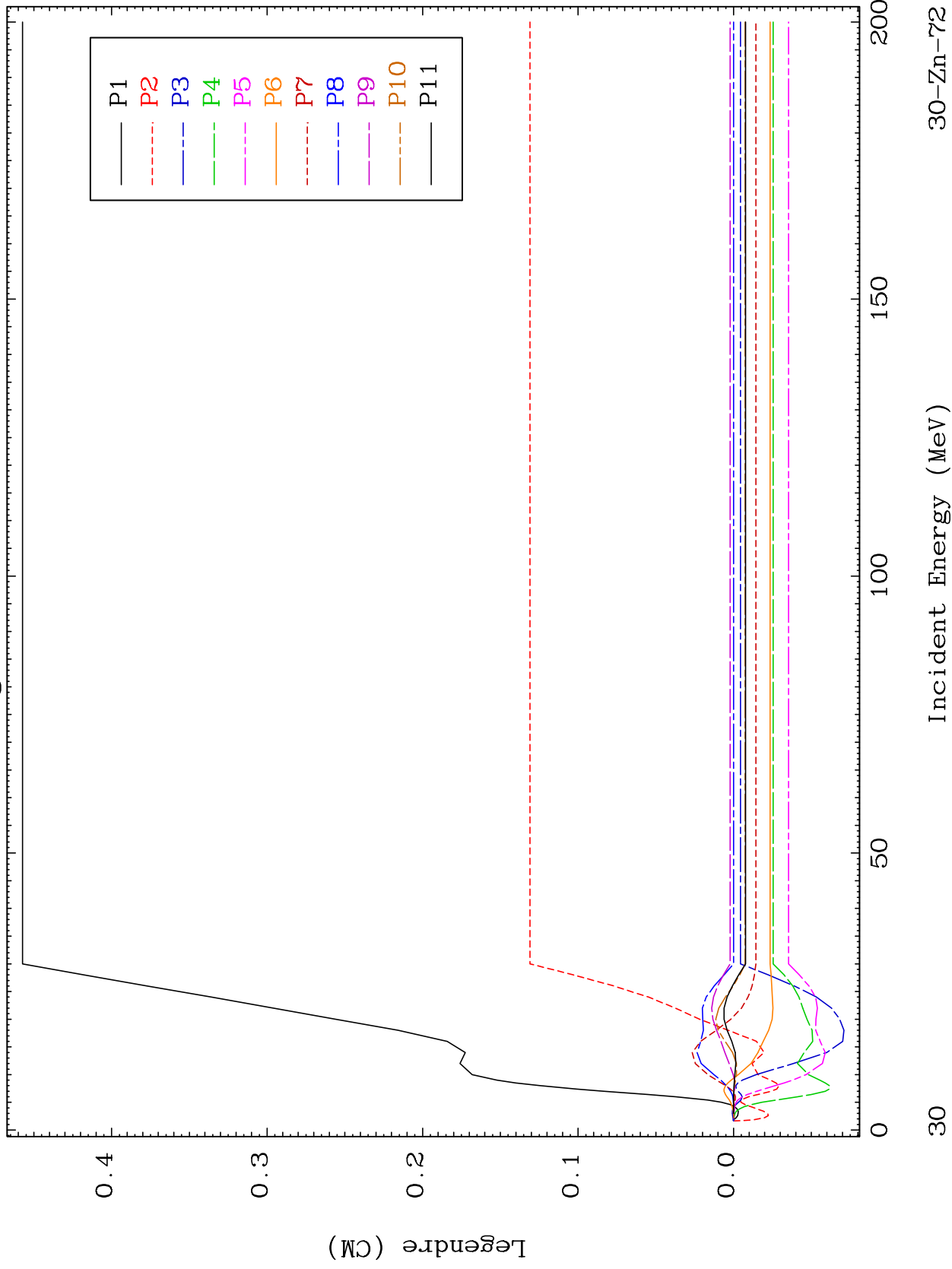




MAT 3049

1.613 MeV (n,n') Level
Legendre Coefficients

30-Zn-72



30-Zn-72

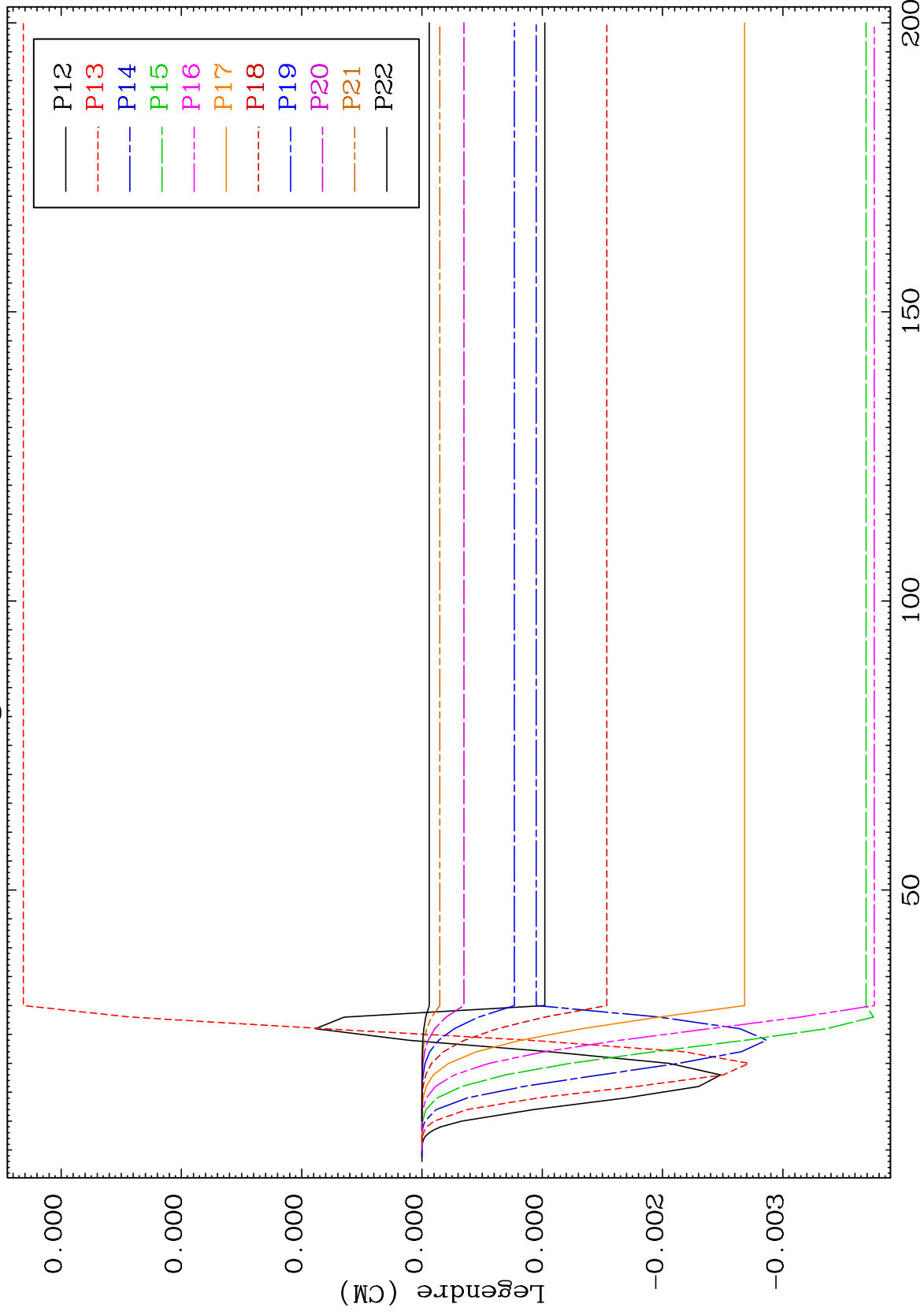
Incident Energy (MeV)

30

MAT 3049

1.613 MeV (n,n') Level
Legendre Coefficients

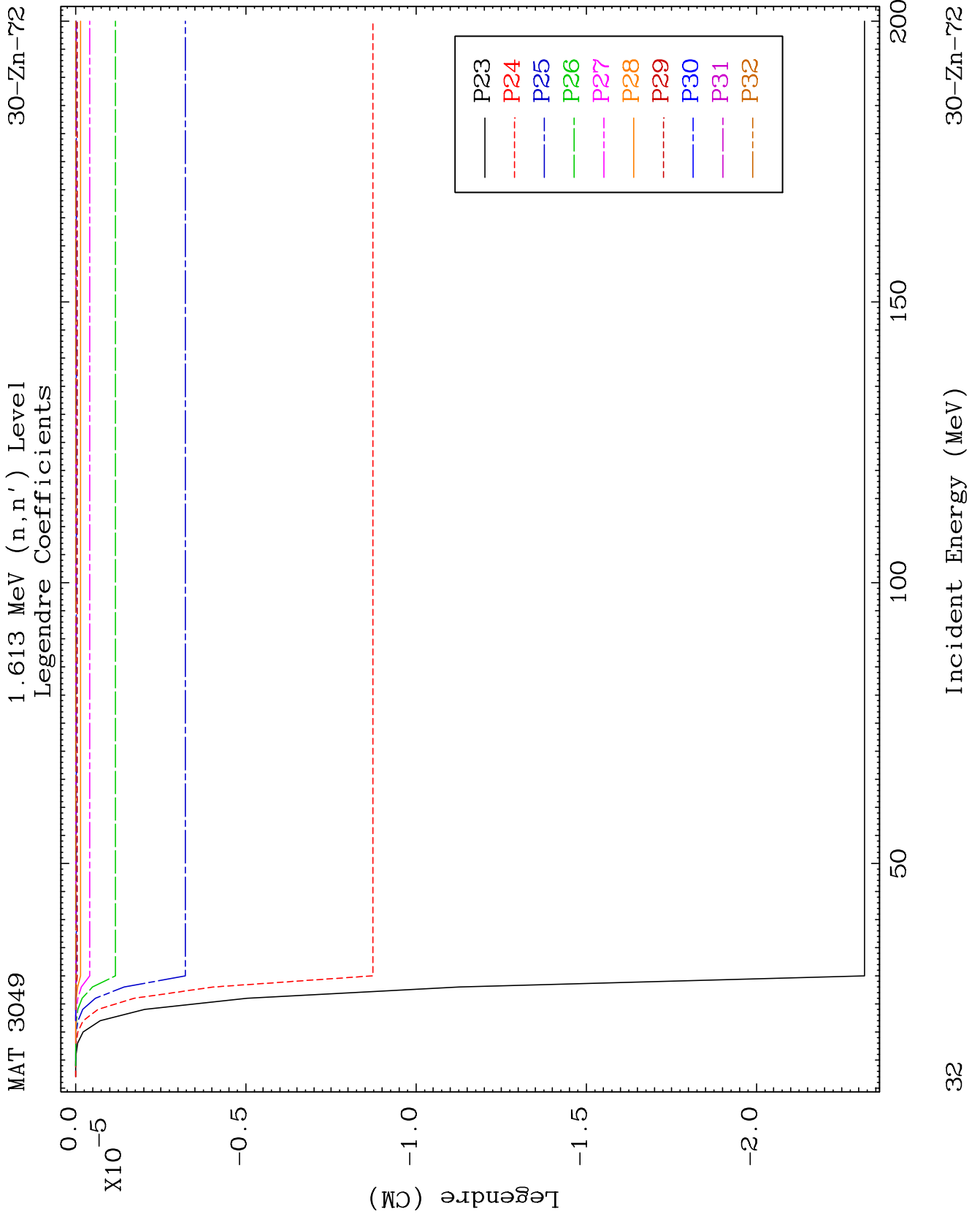
30-Zn-72

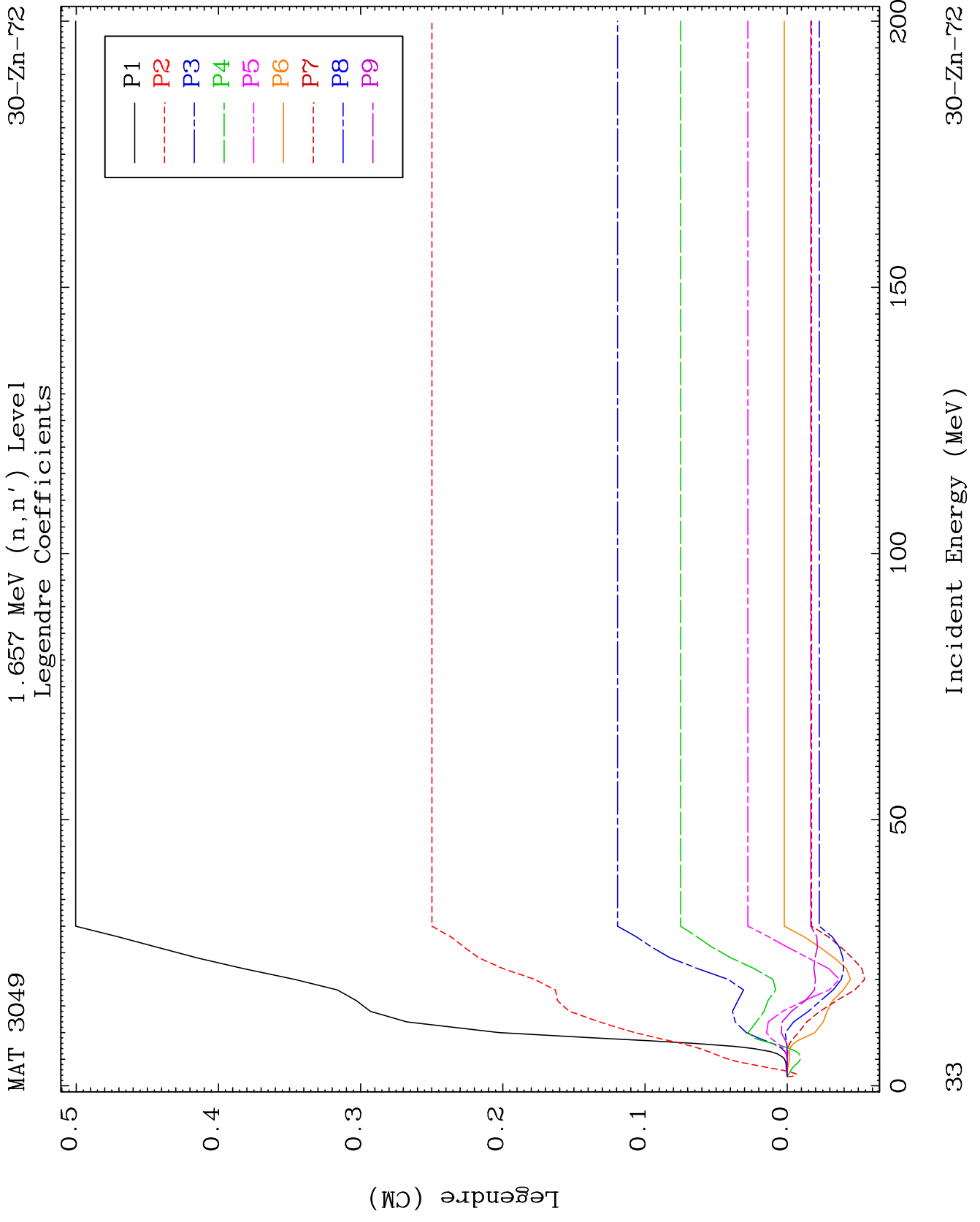


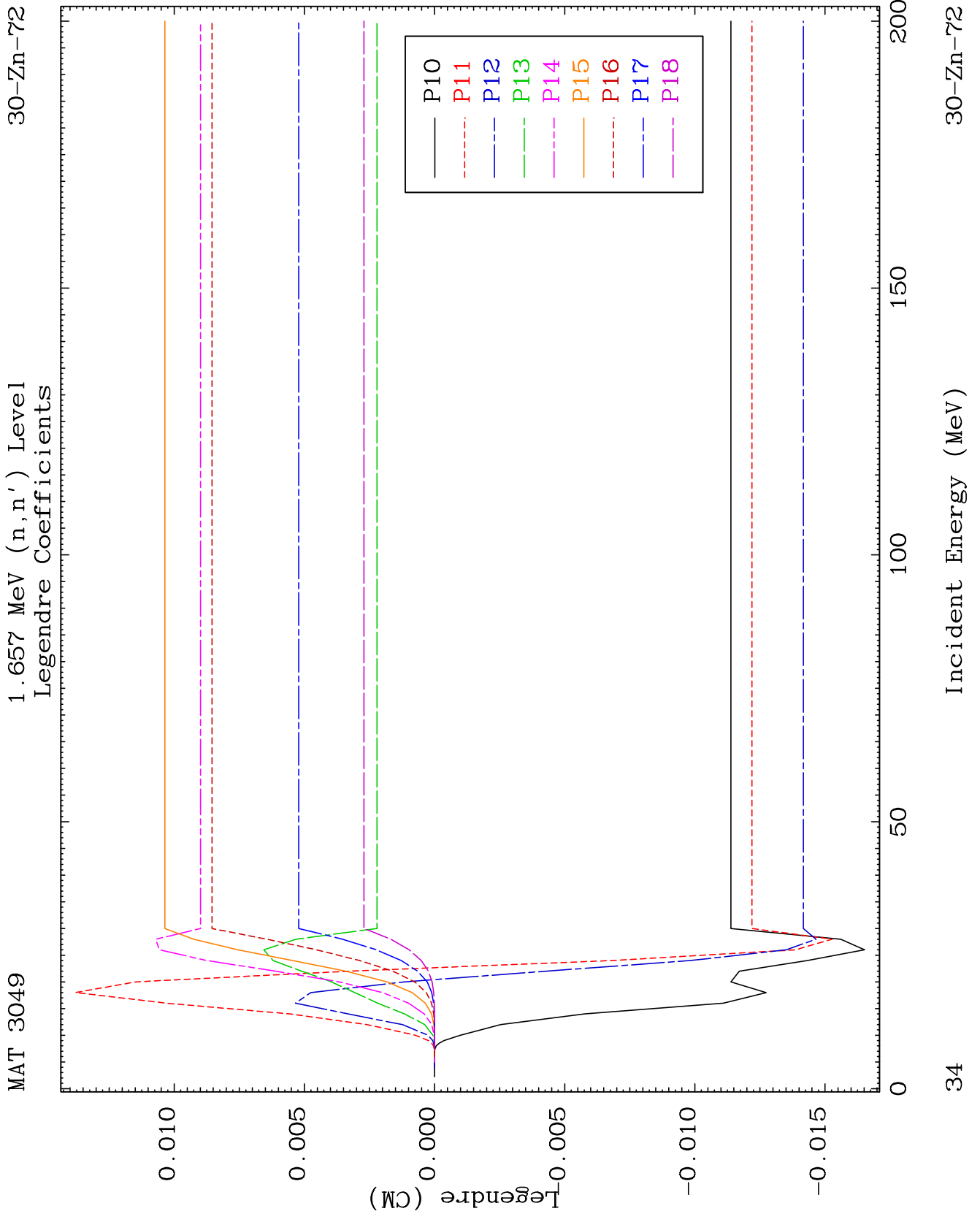
31

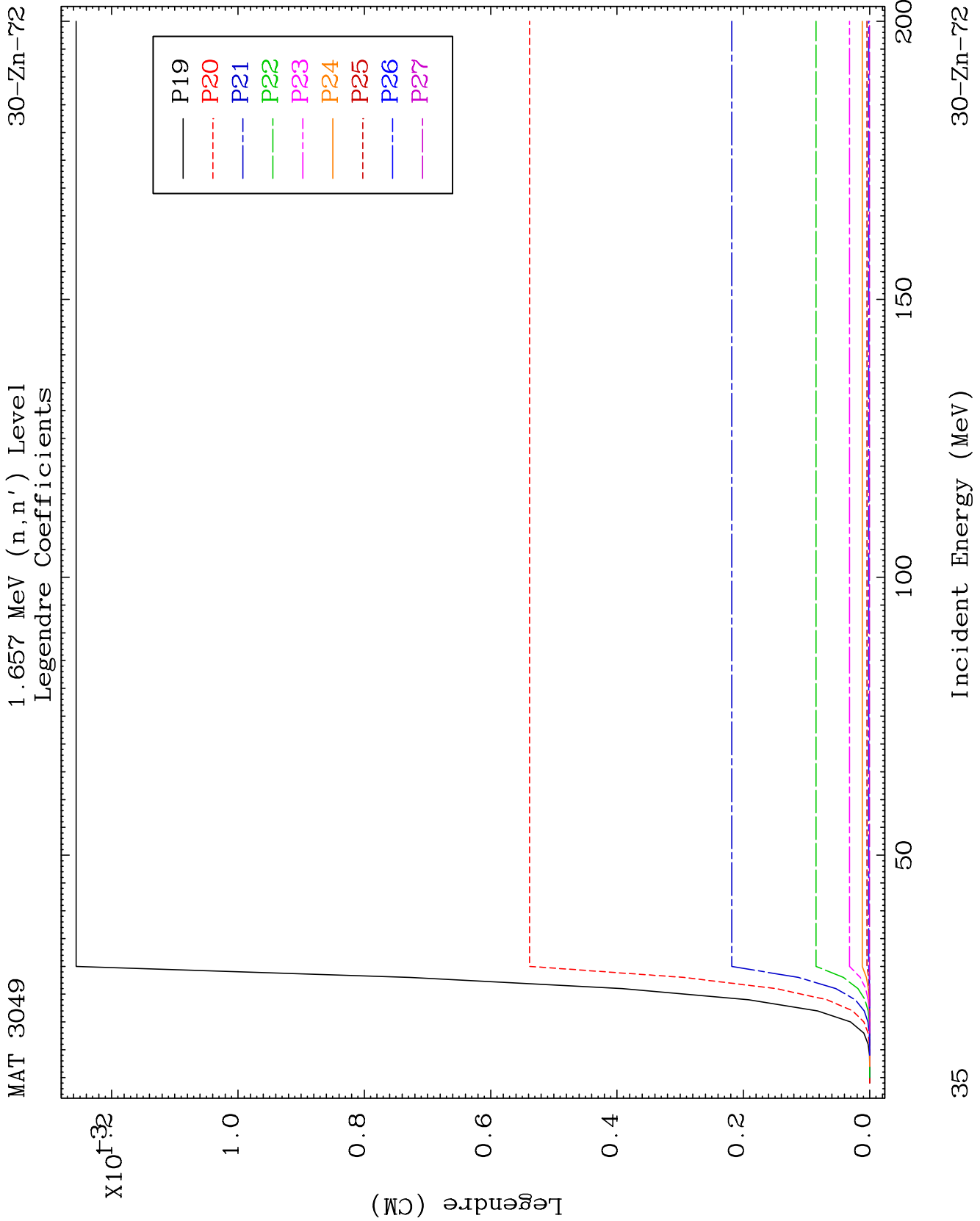
Incident Energy (MeV)

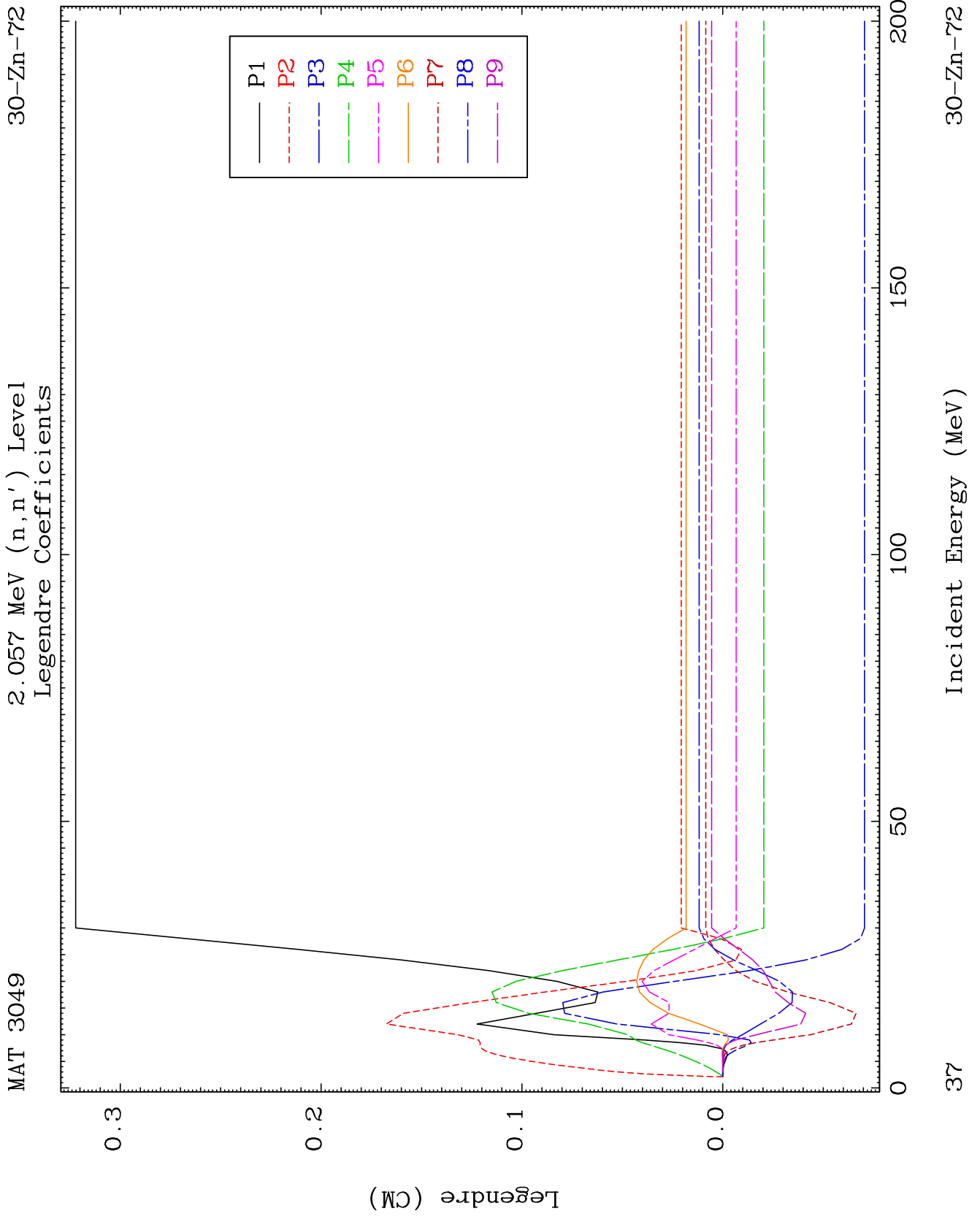
30-Zn-72







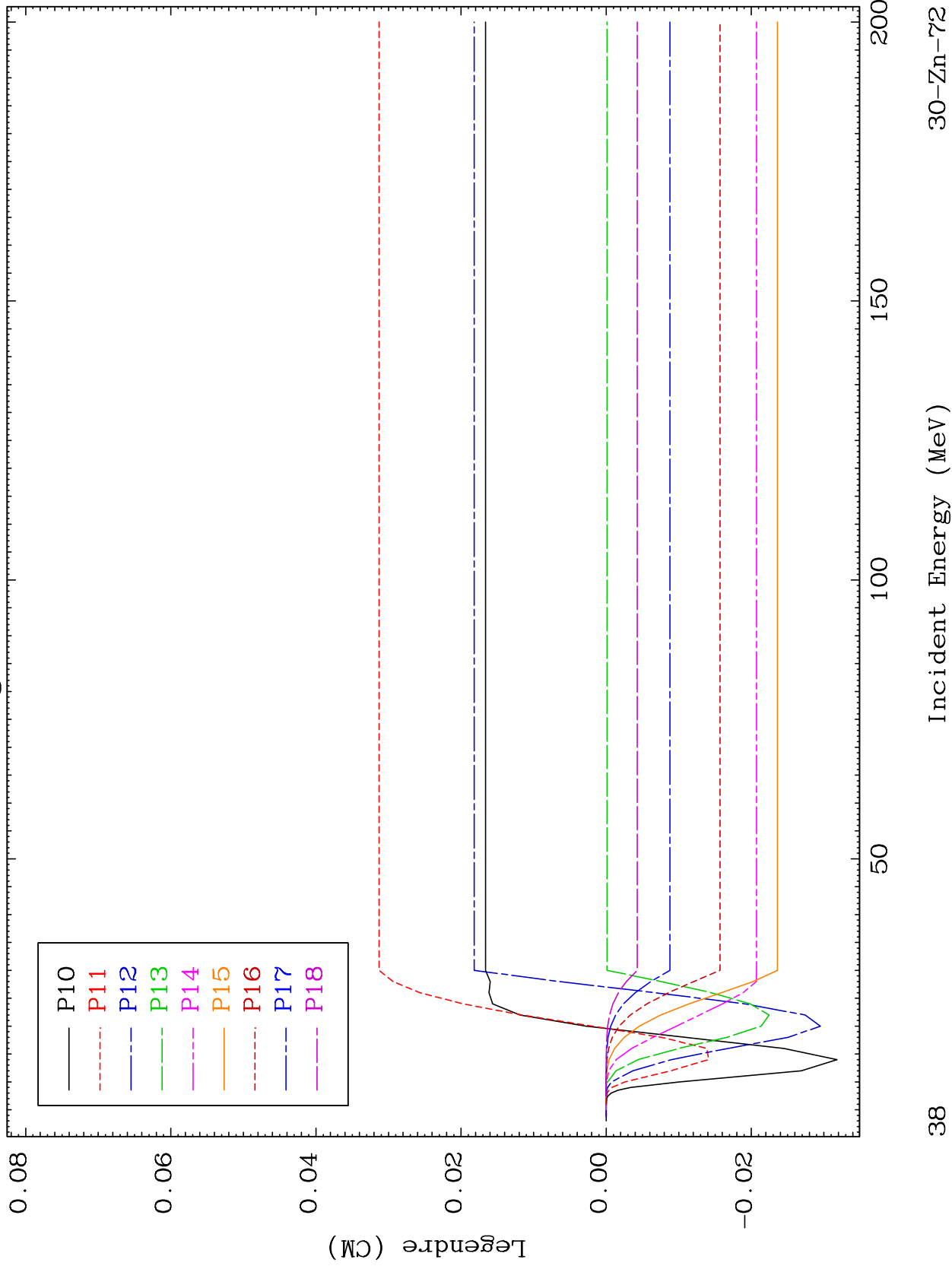




MAT 3049

2.057 MeV (n,n') Level
Legendre Coefficients

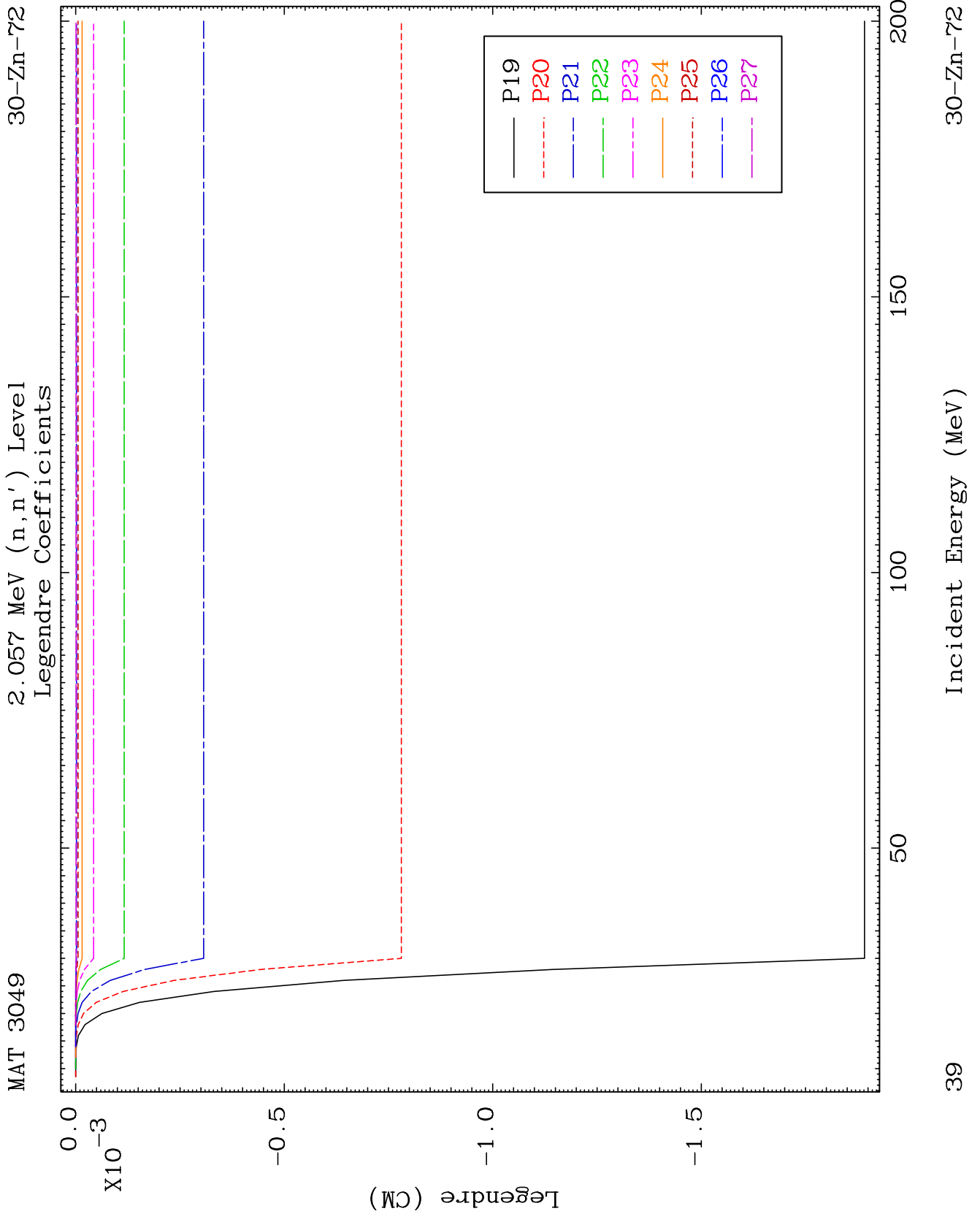
30-Zn-72

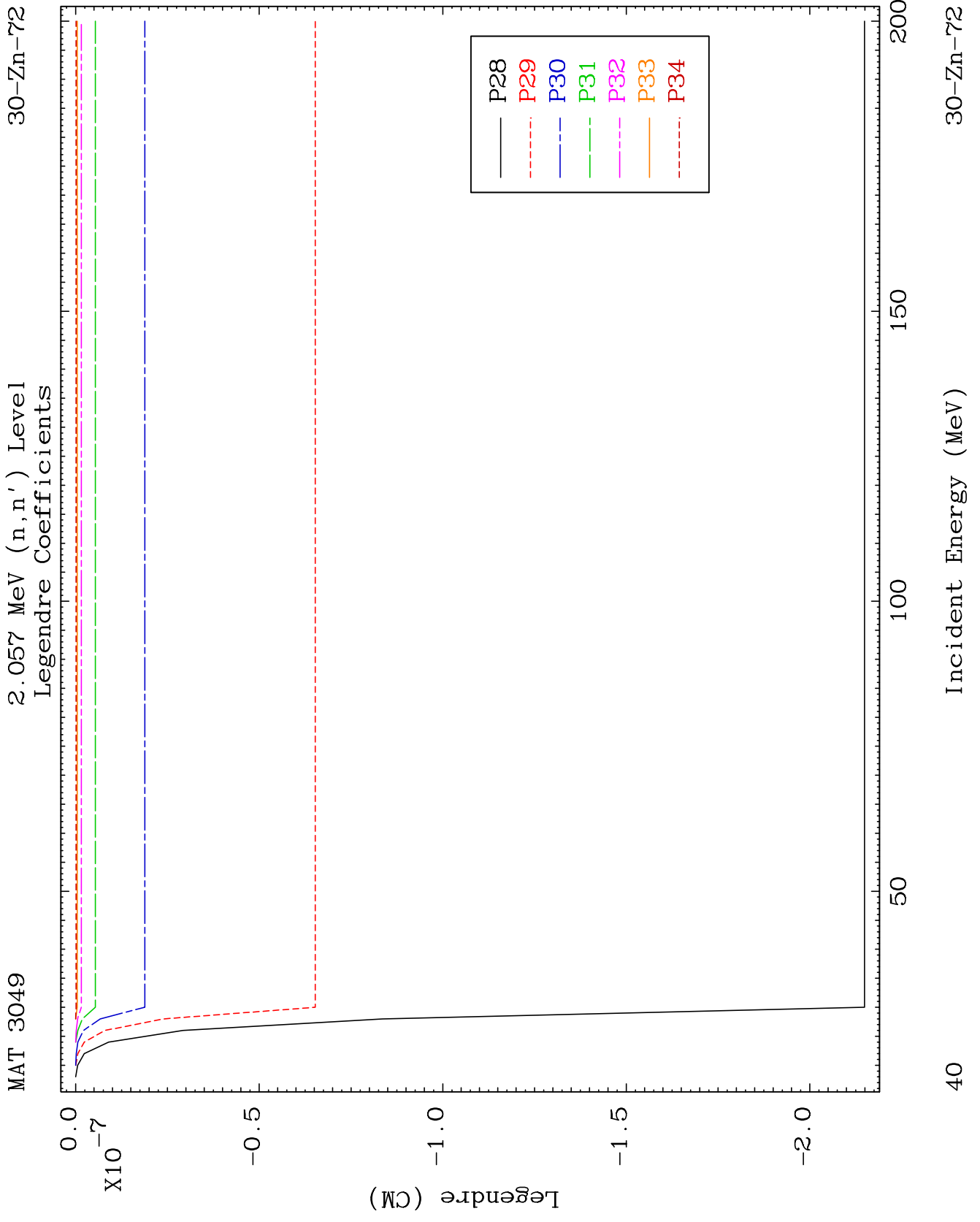


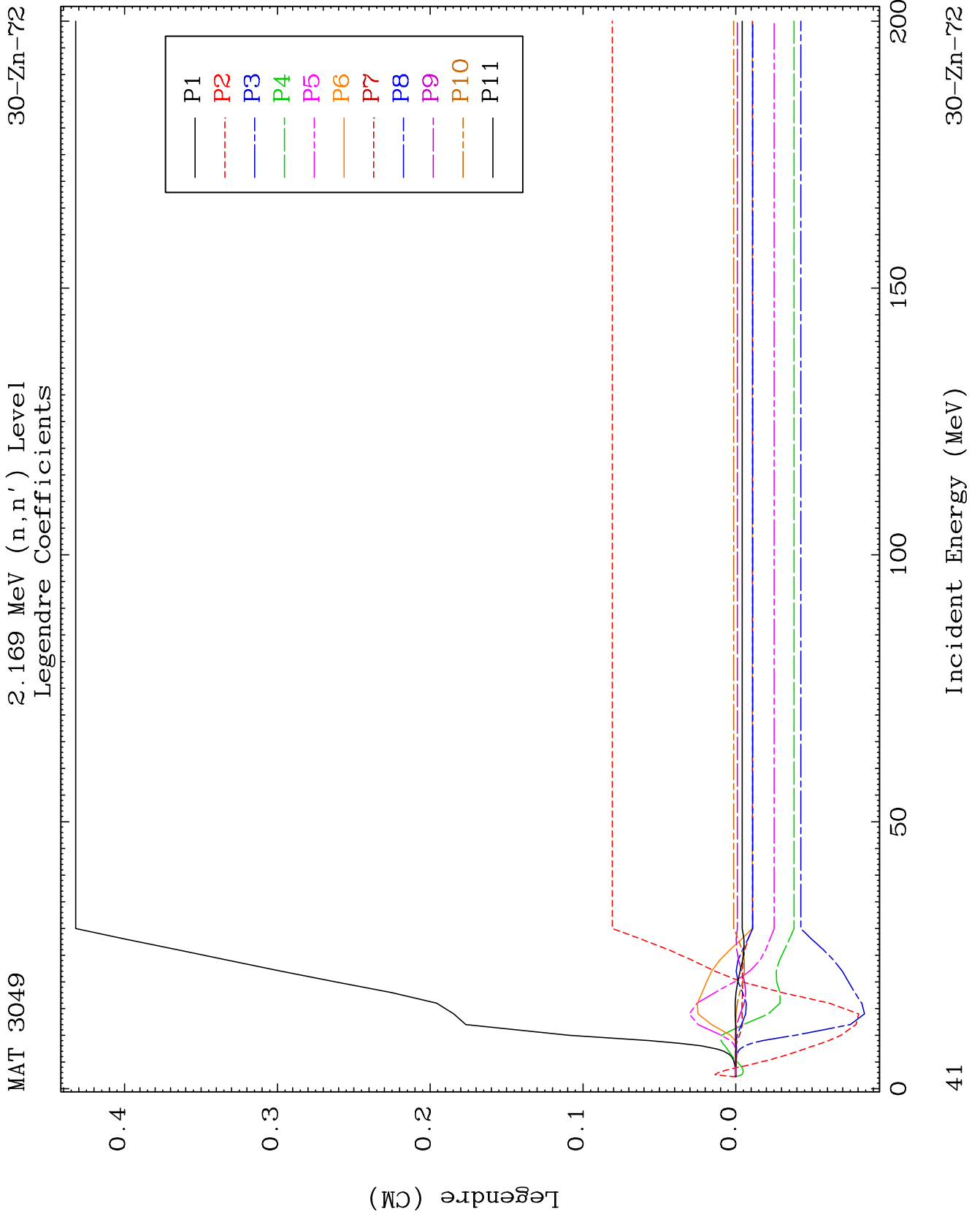
38

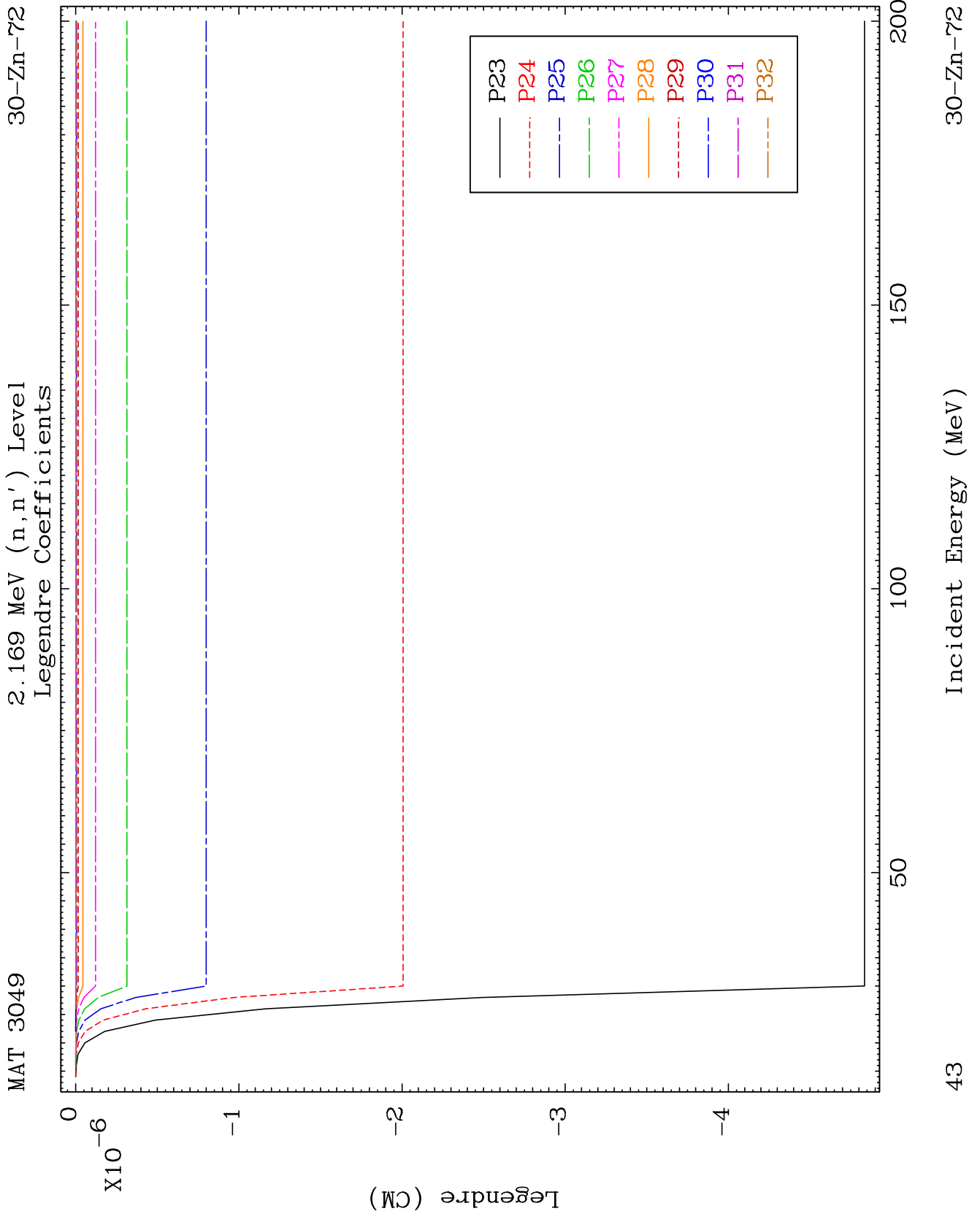
Incident Energy (MeV)

30-Zn-72





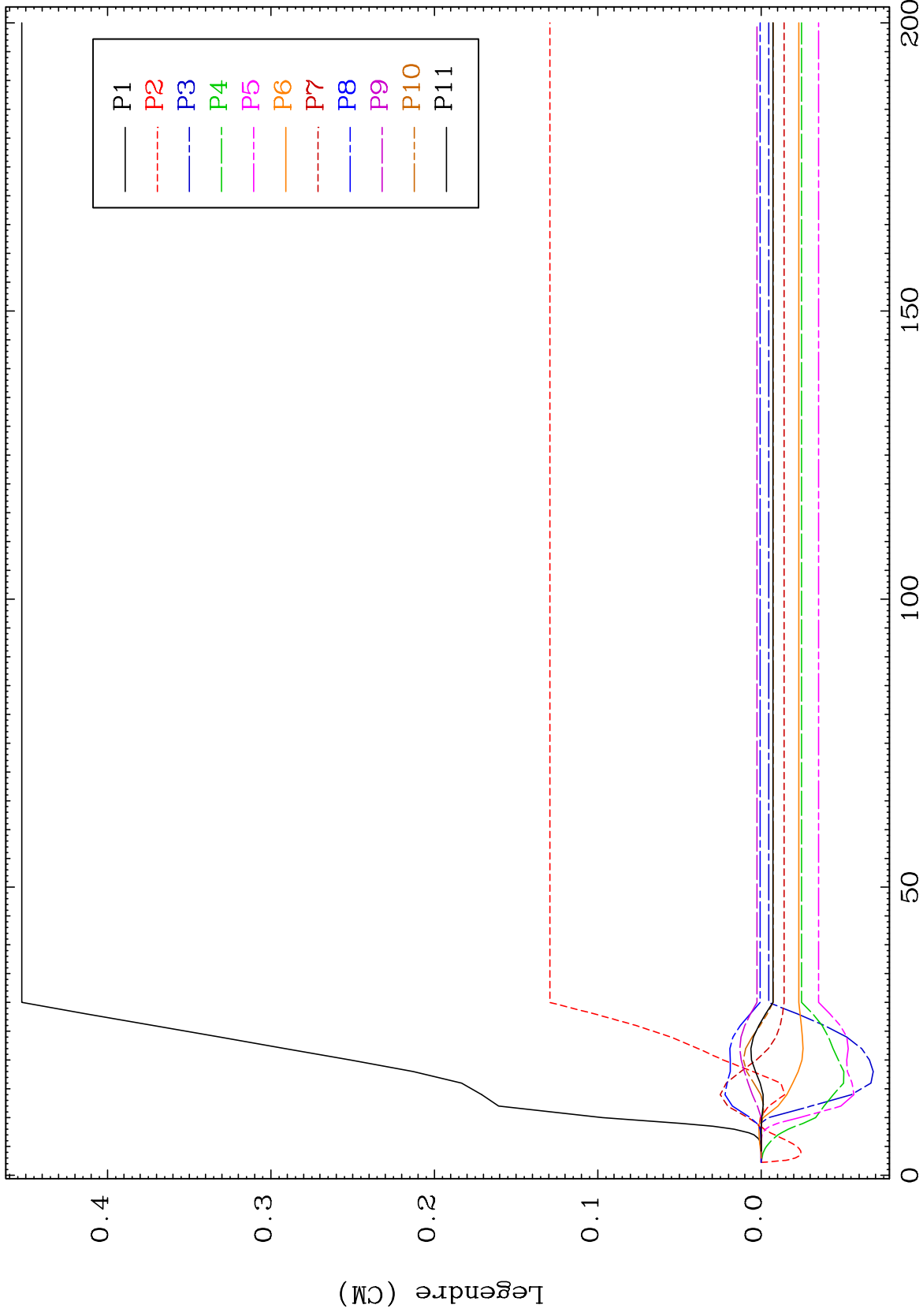




MAT 3049

2.193 MeV (n,n') Level
Legendre Coefficients

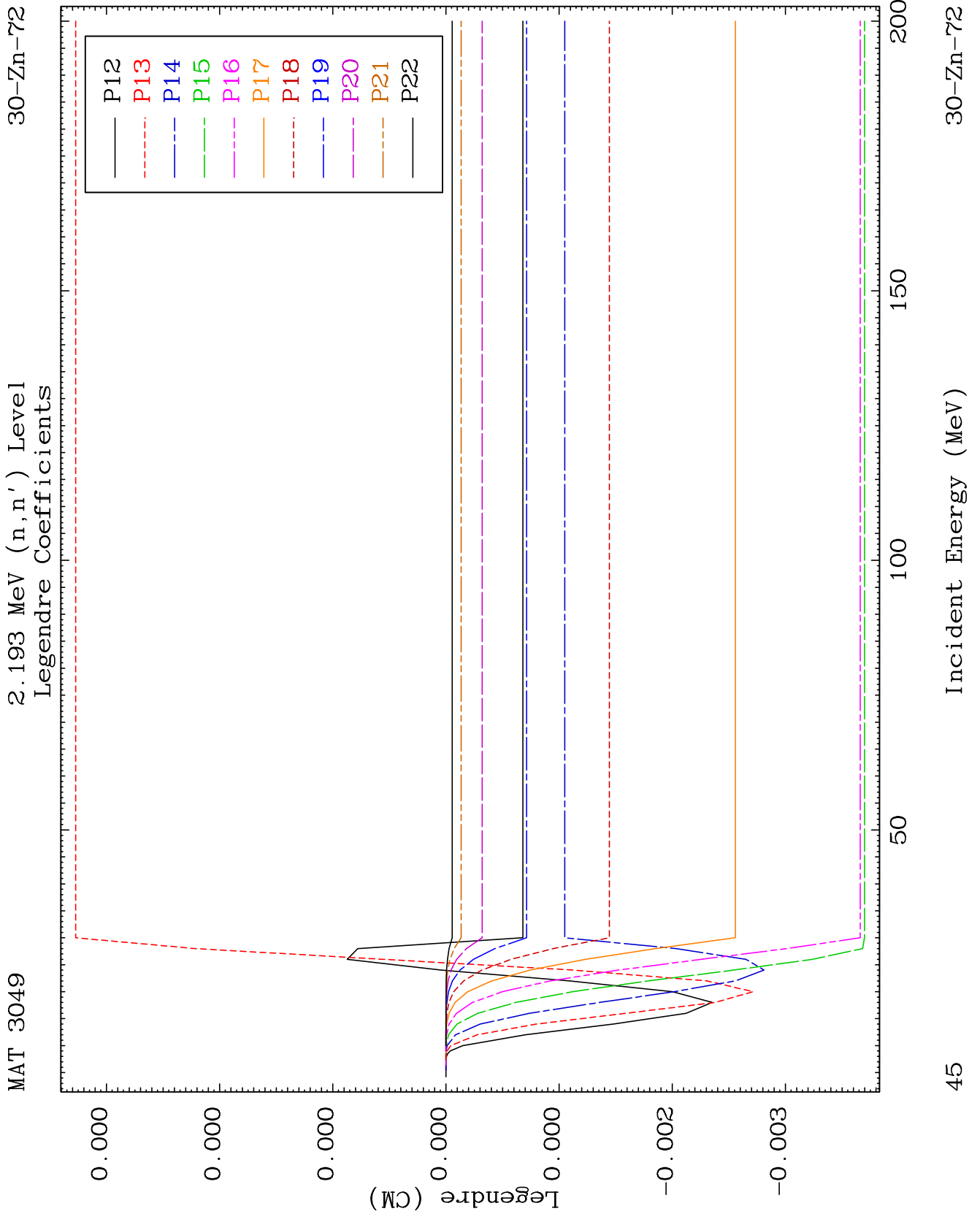
30-Zn-72

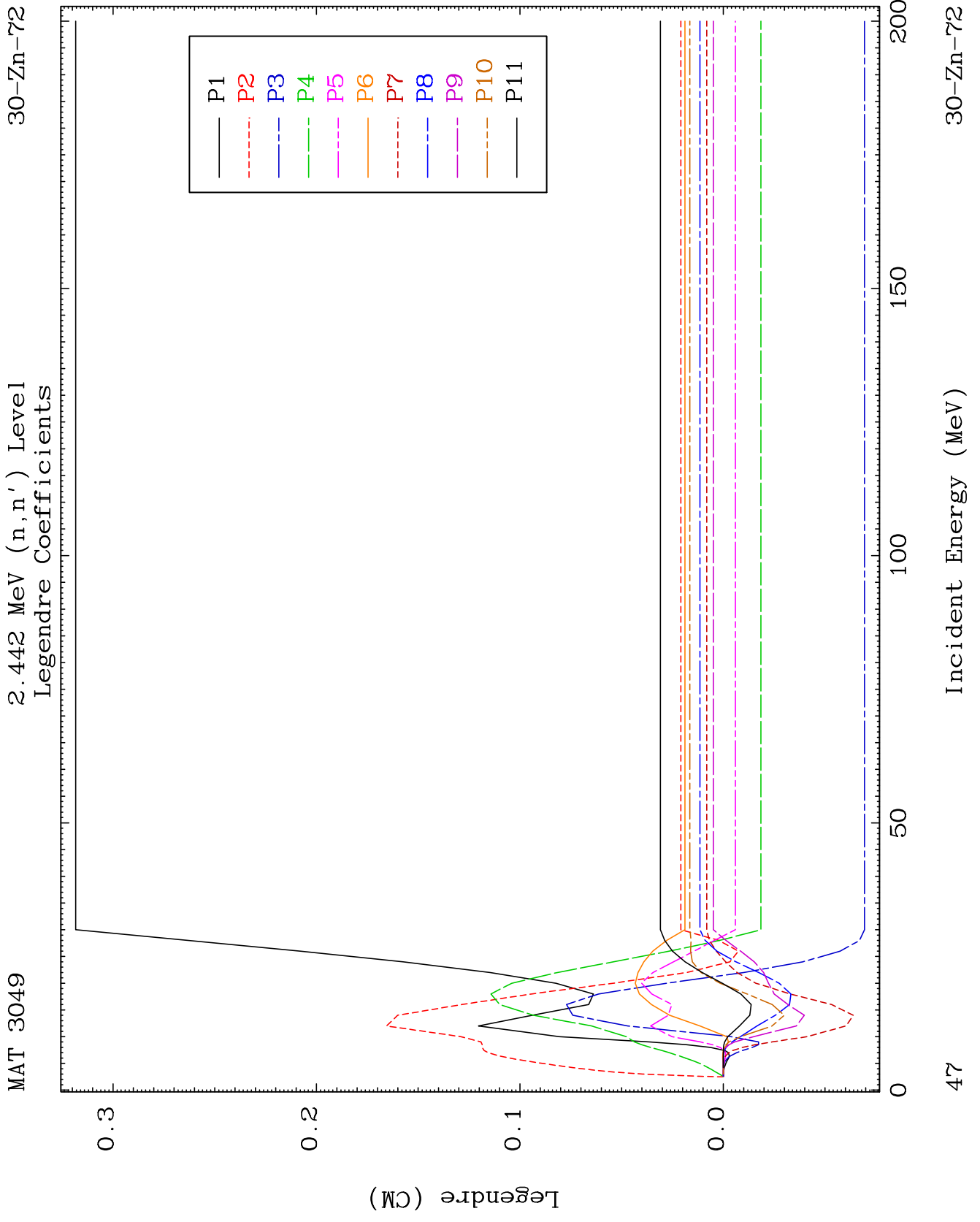


44

Incident Energy (MeV)

30-Zn-72

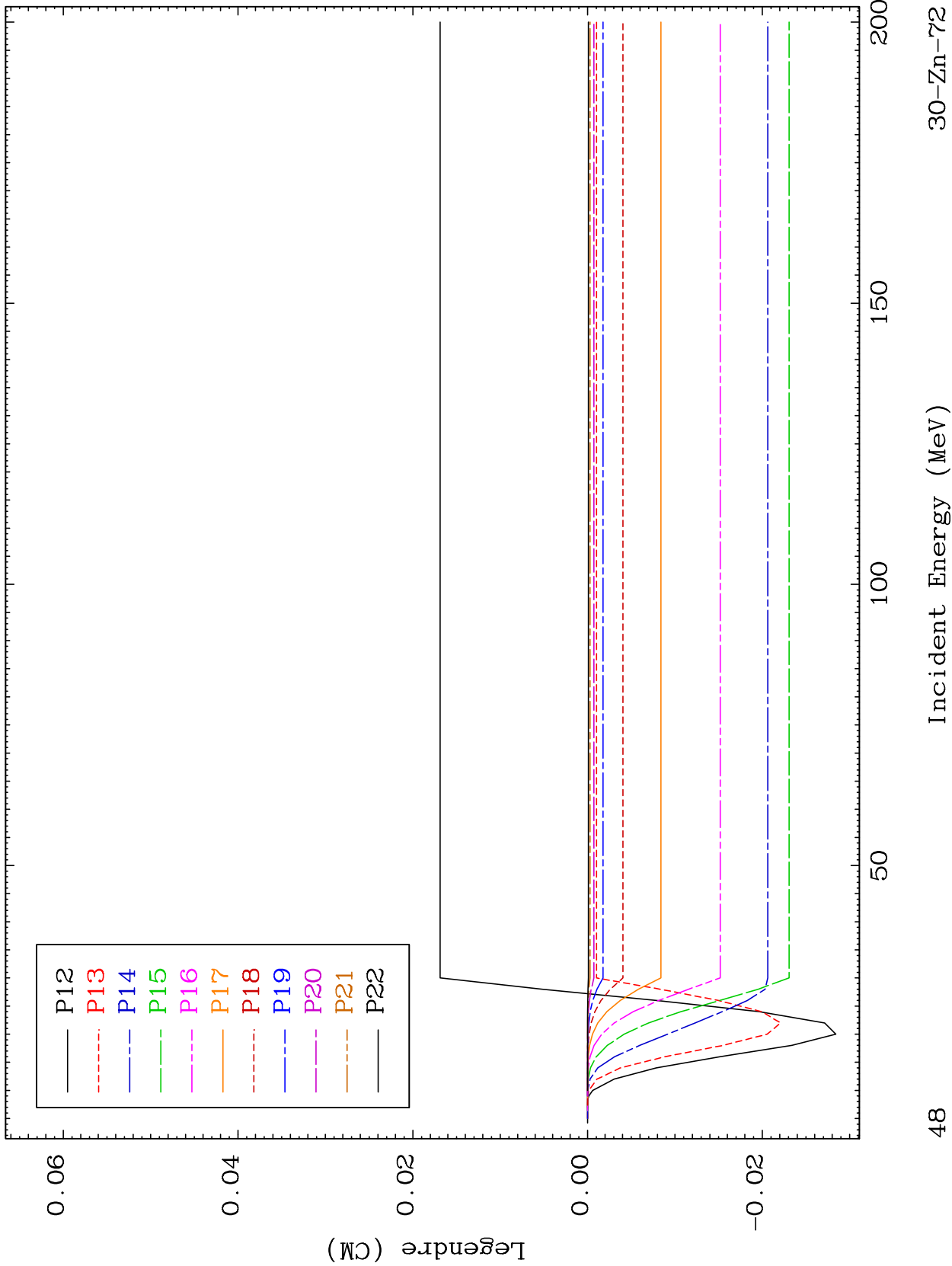




MAT 3049

2.442 MeV (n,n') Level
Legendre Coefficients

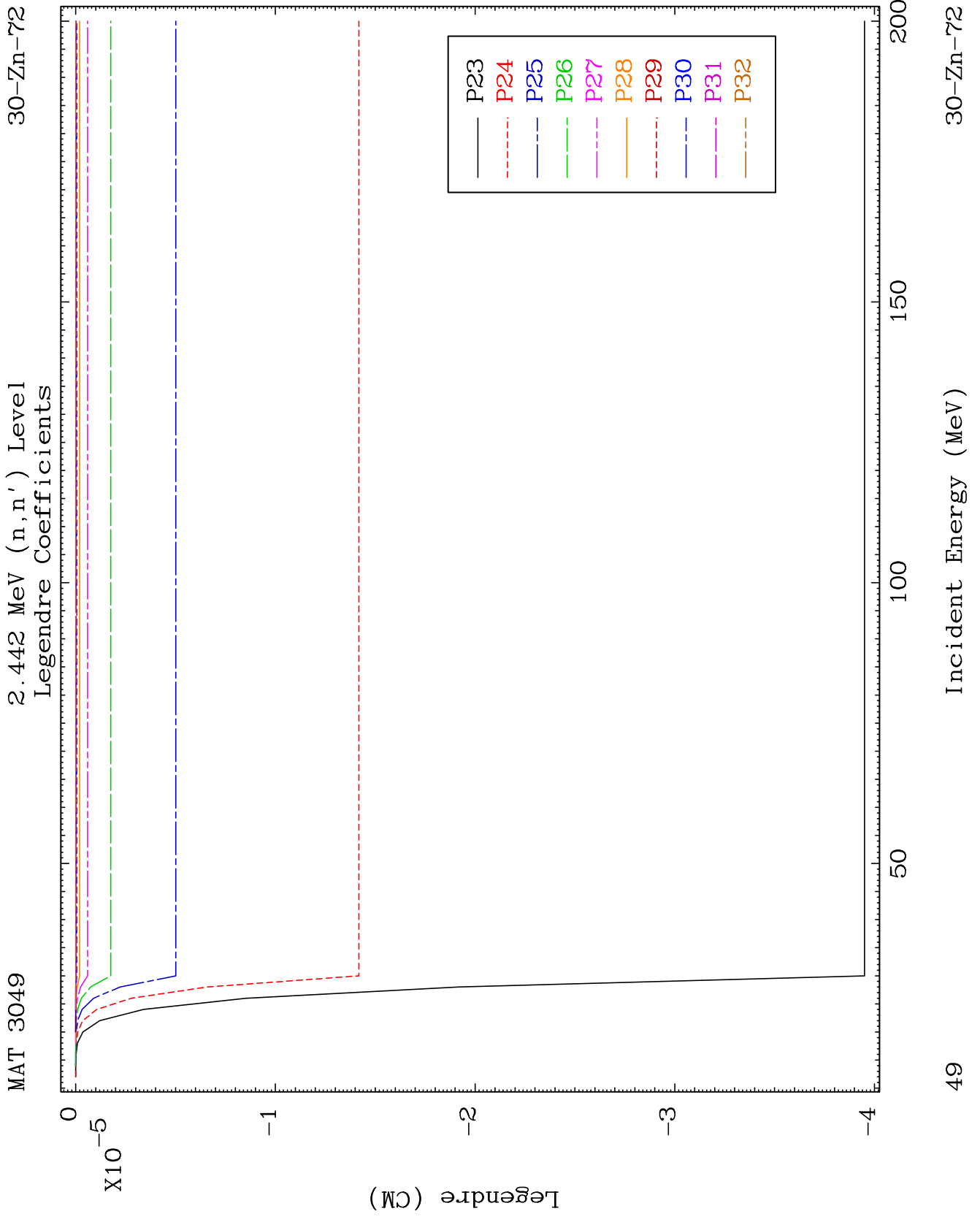
30-Zn-72

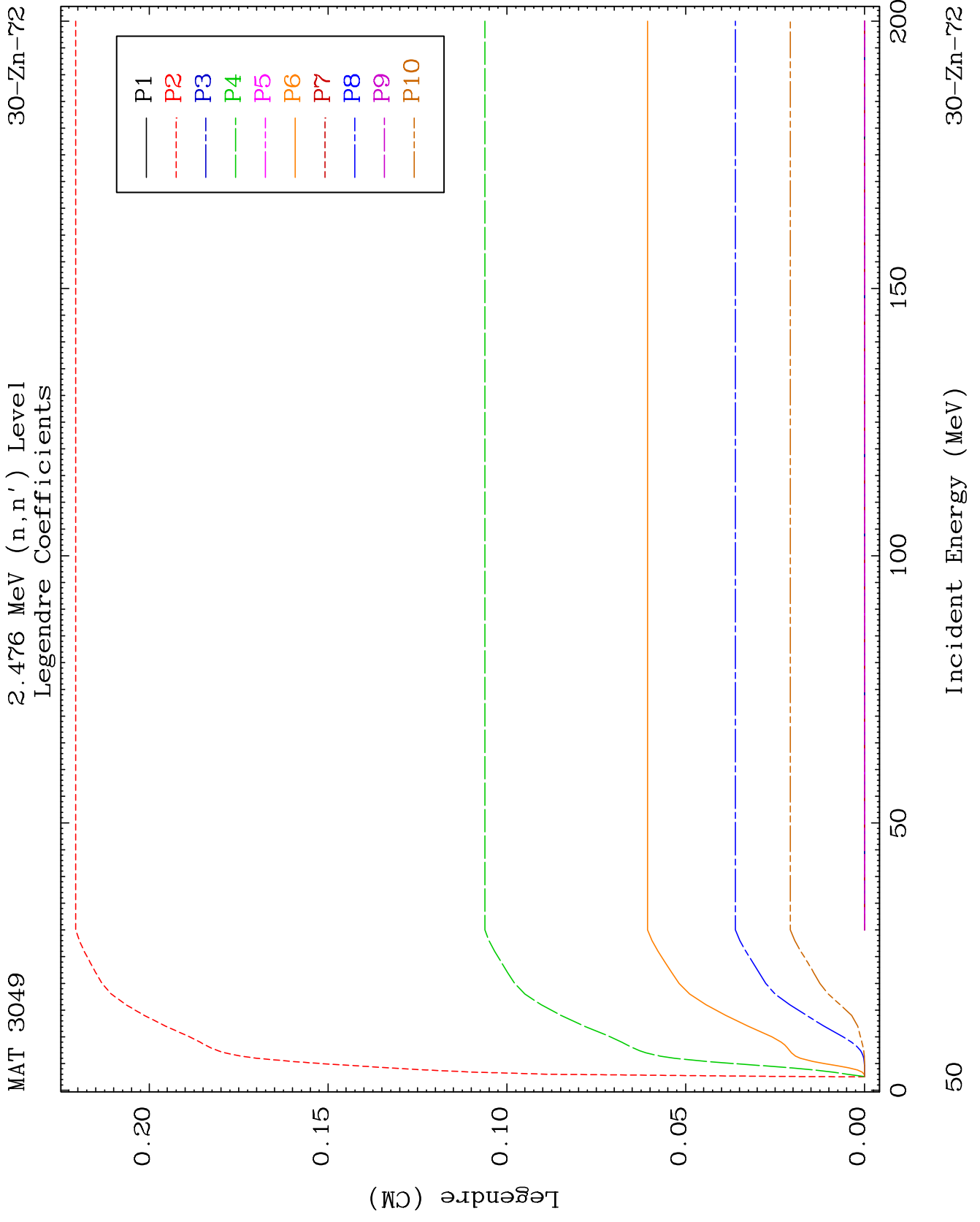


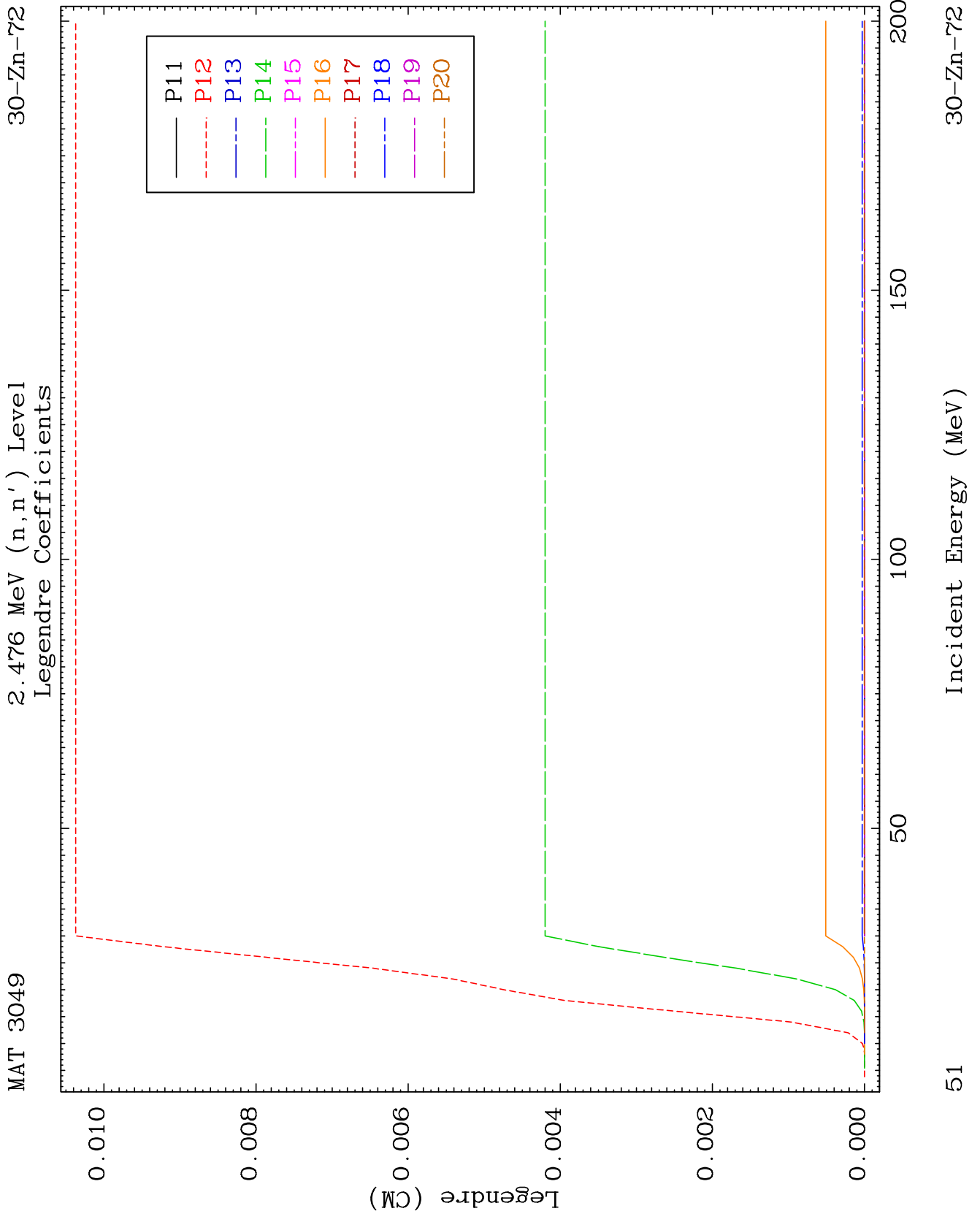
48

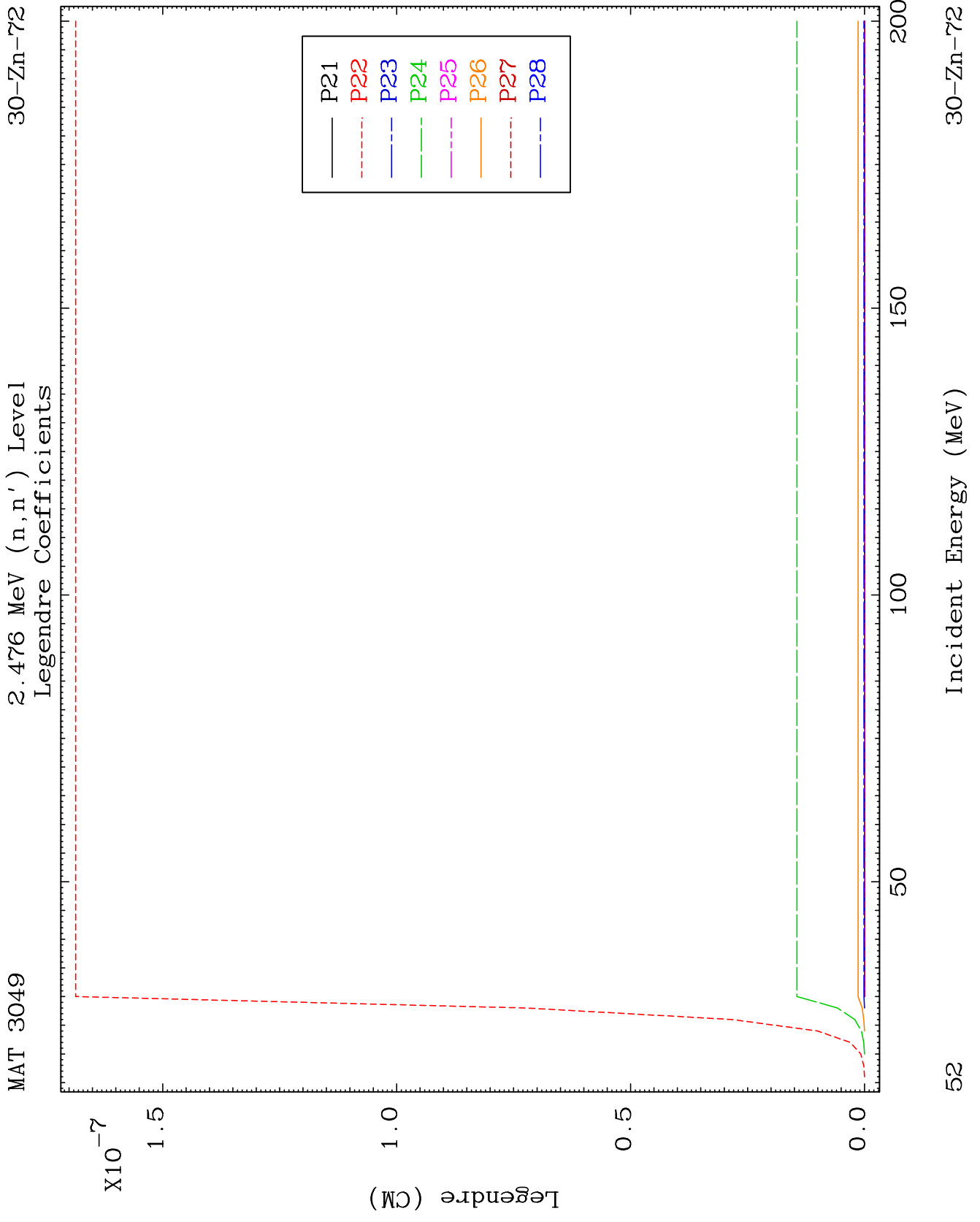
Incident Energy (MeV)

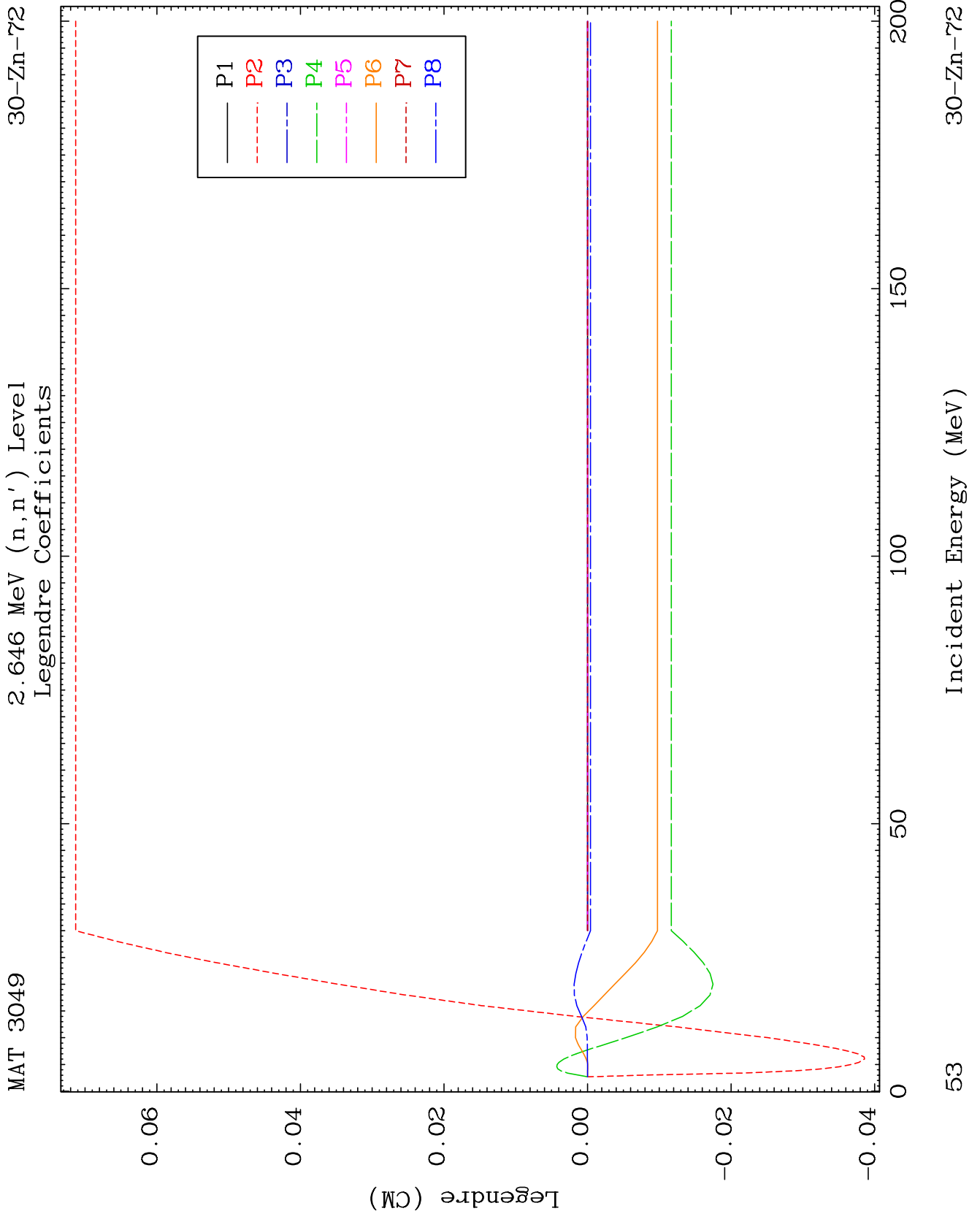
30-Zn-72

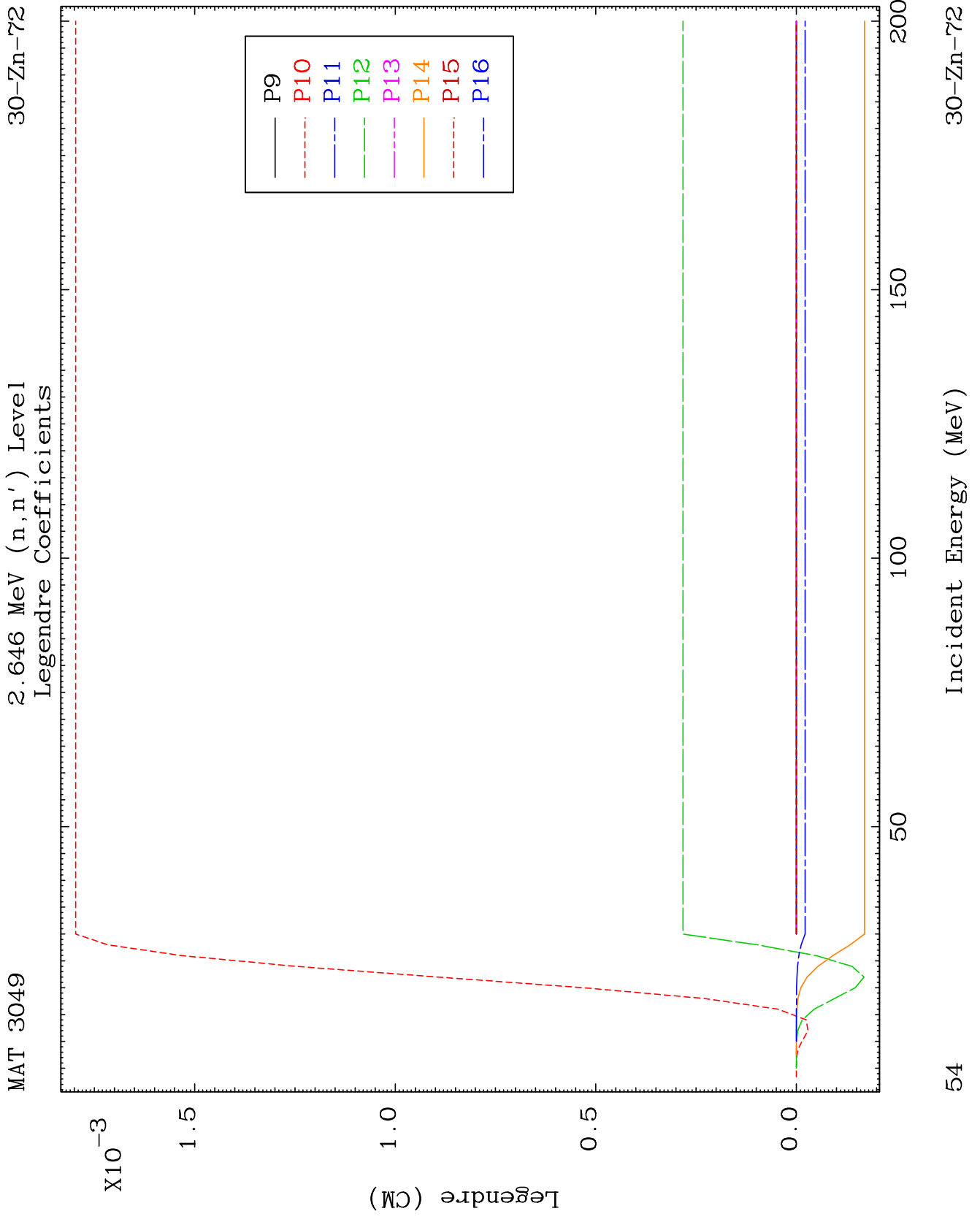


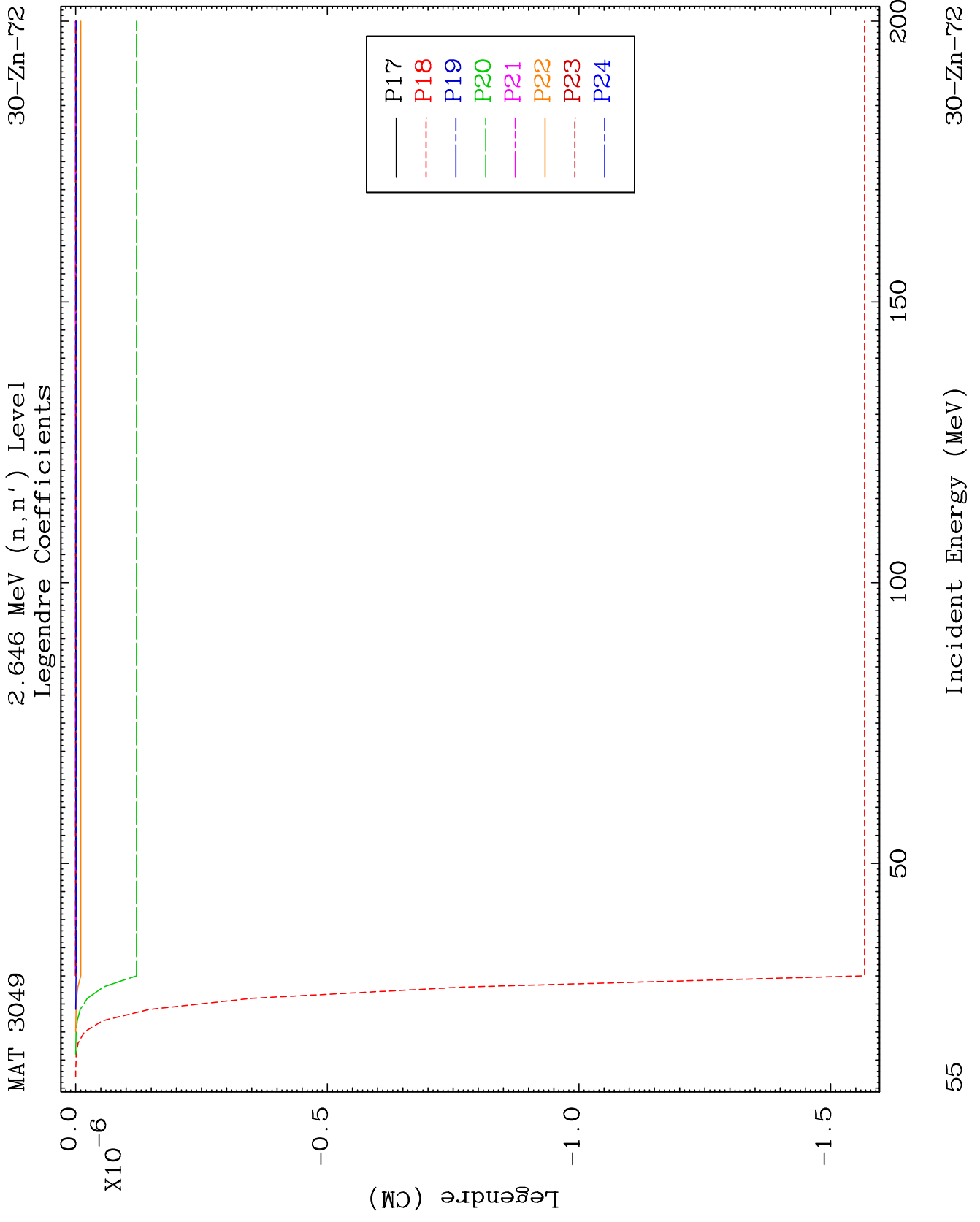








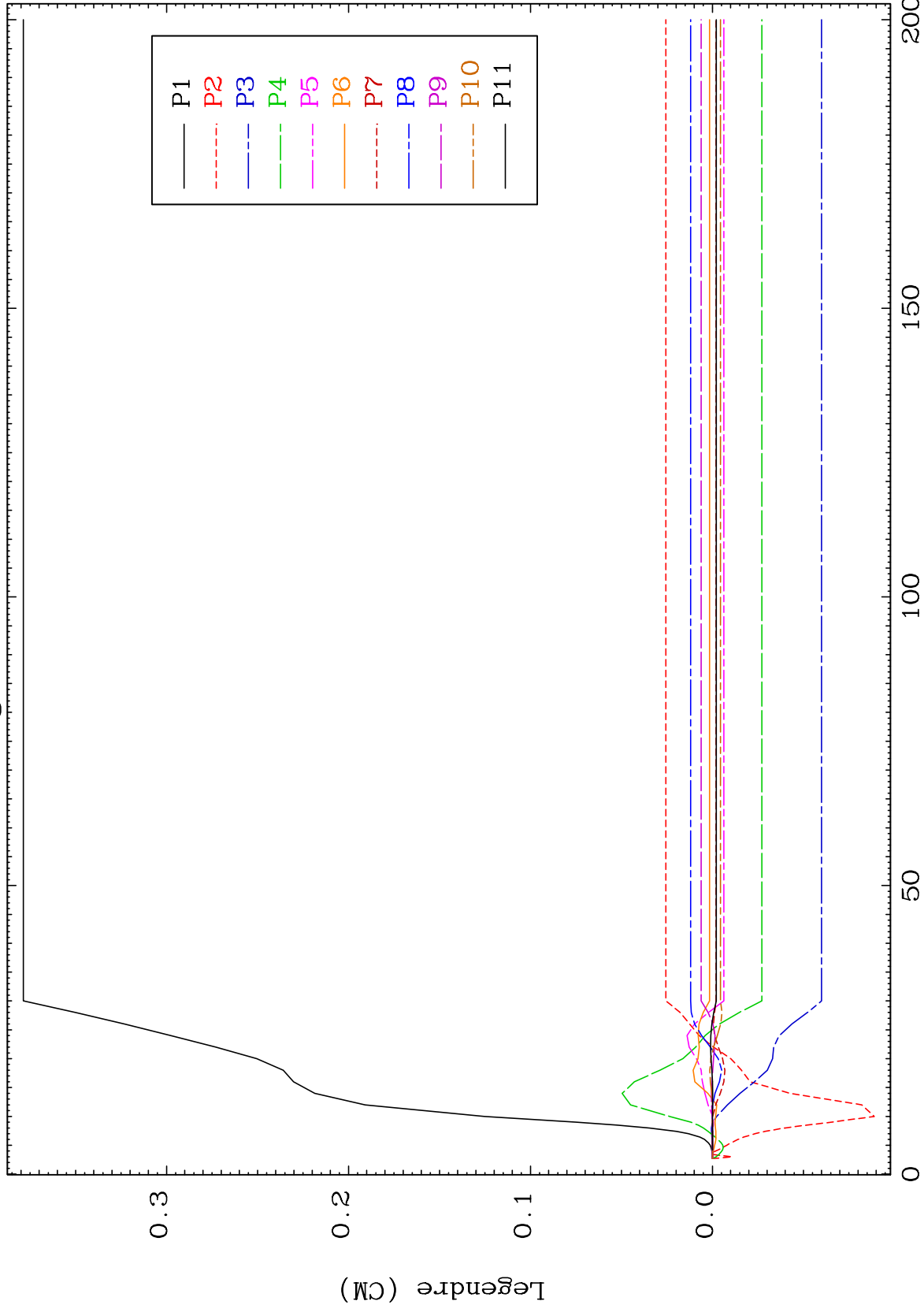




MAT 3049

2.653 MeV (n,n') Level
Legendre Coefficients

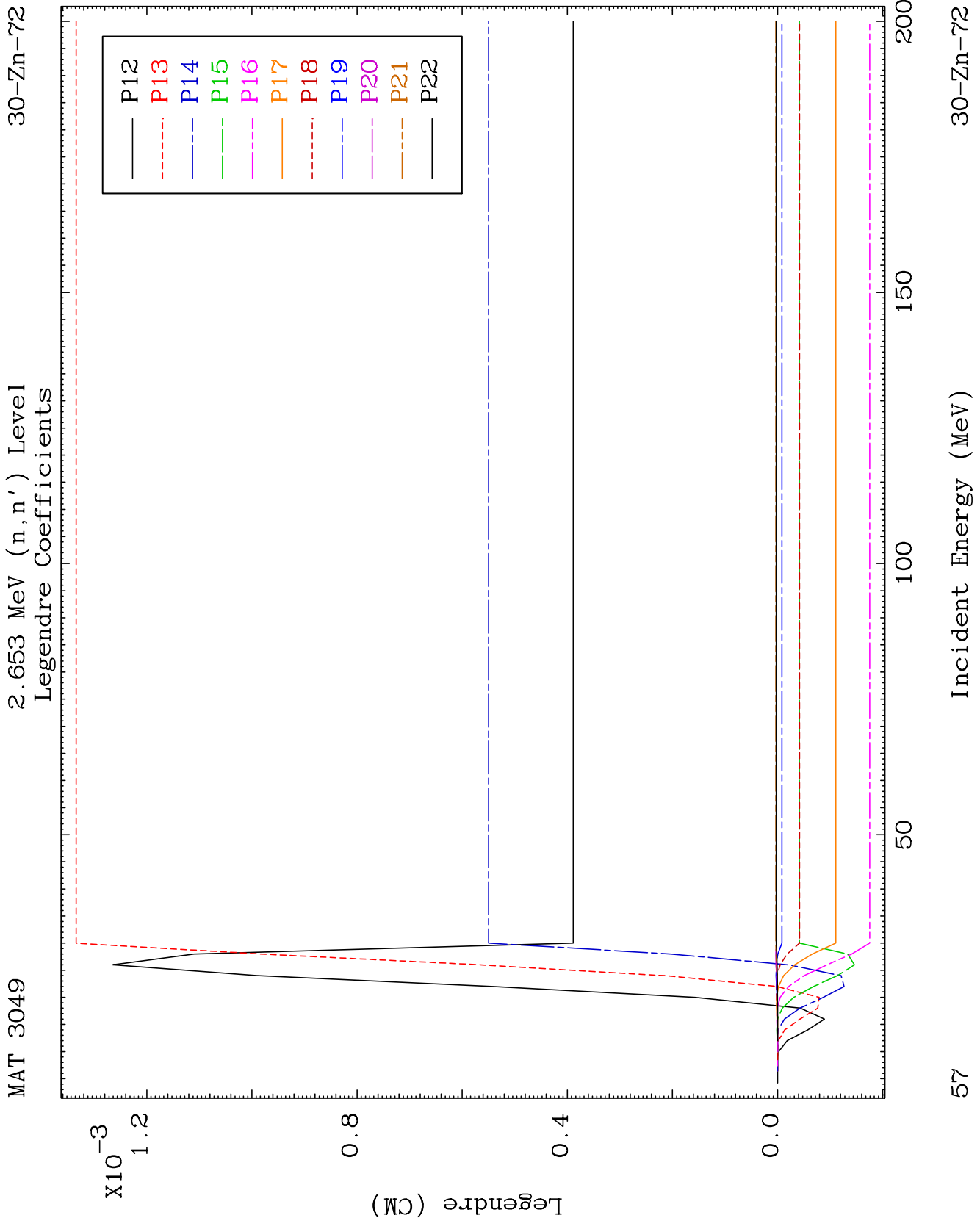
30-Zn-72

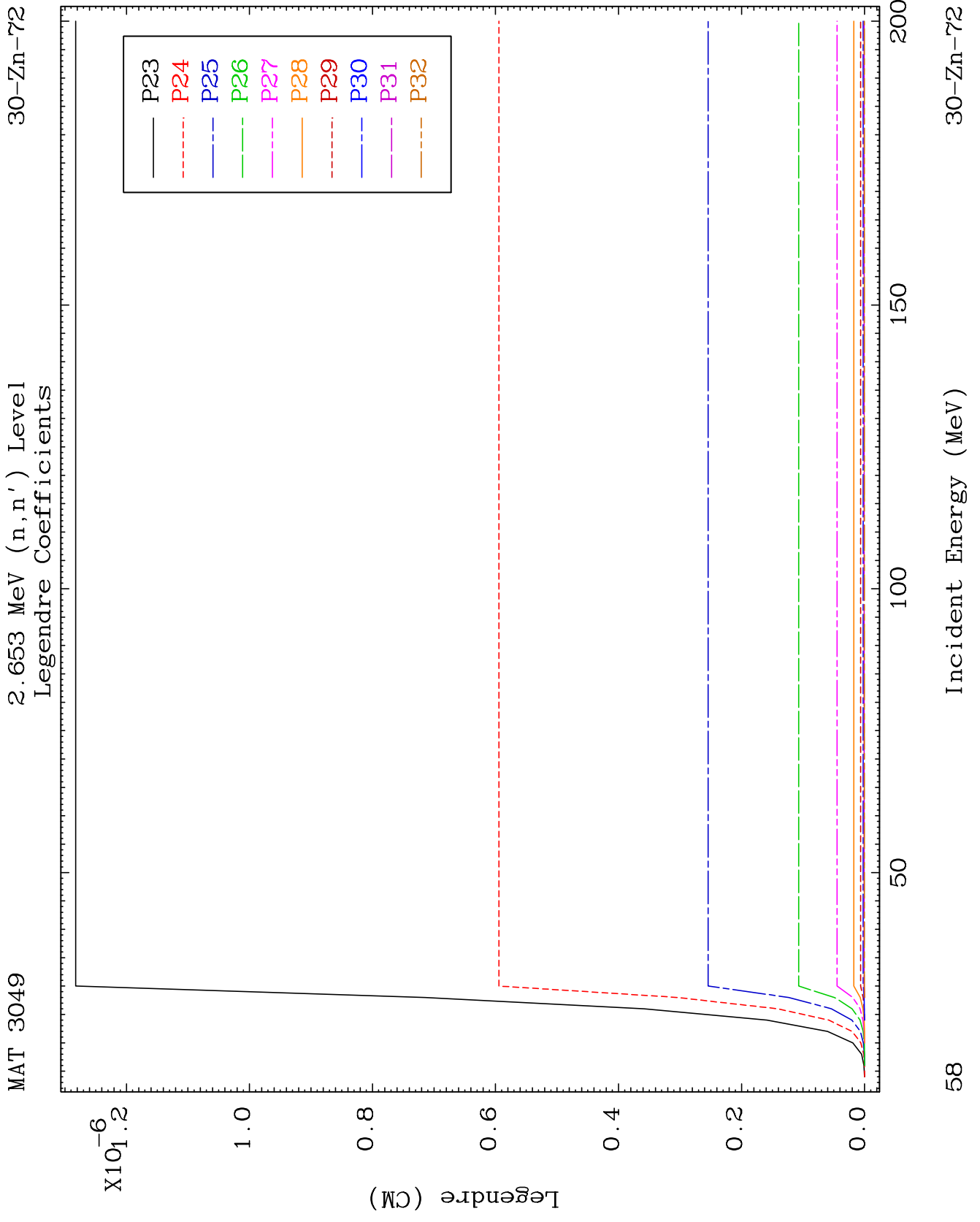


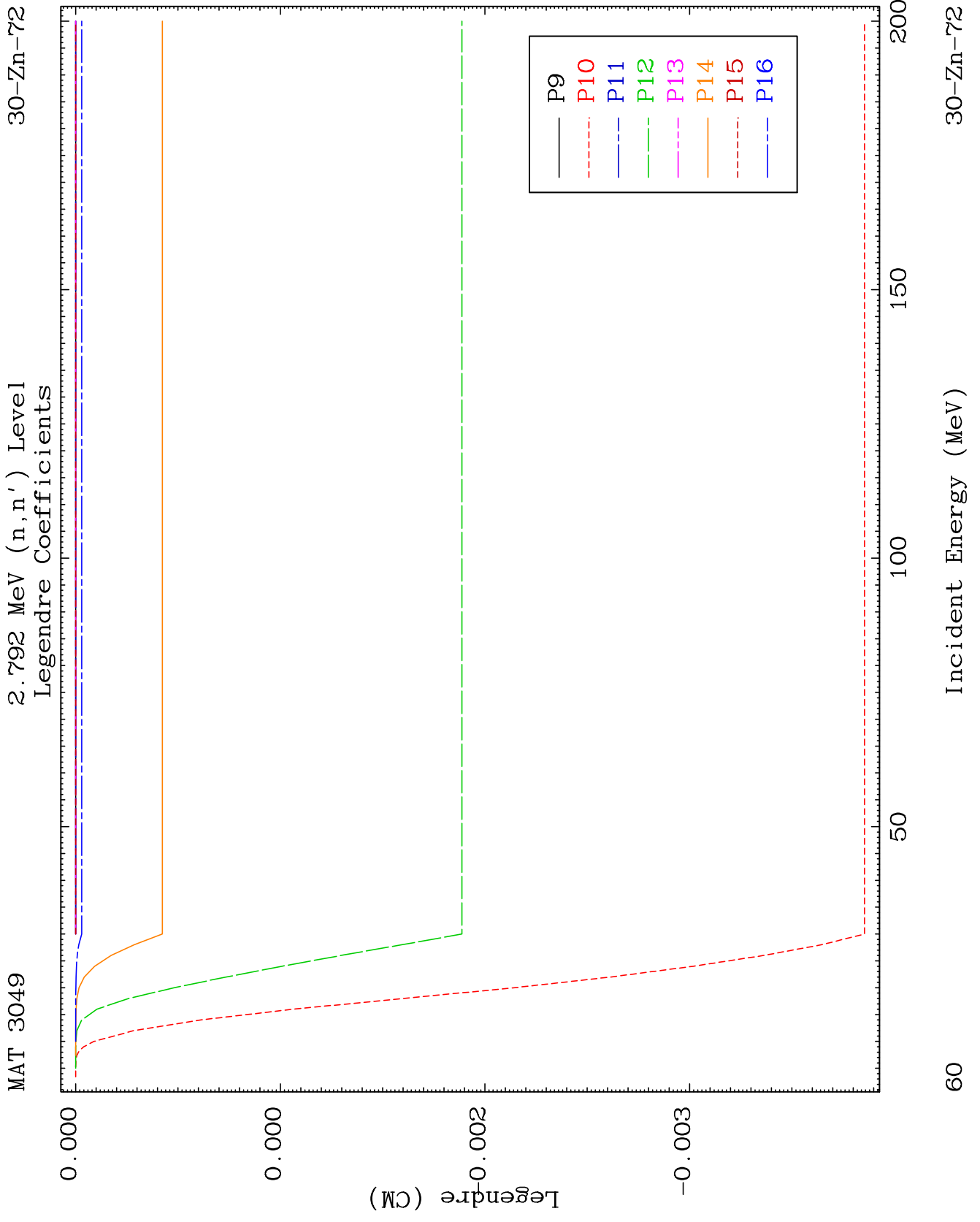
30-Zn-72

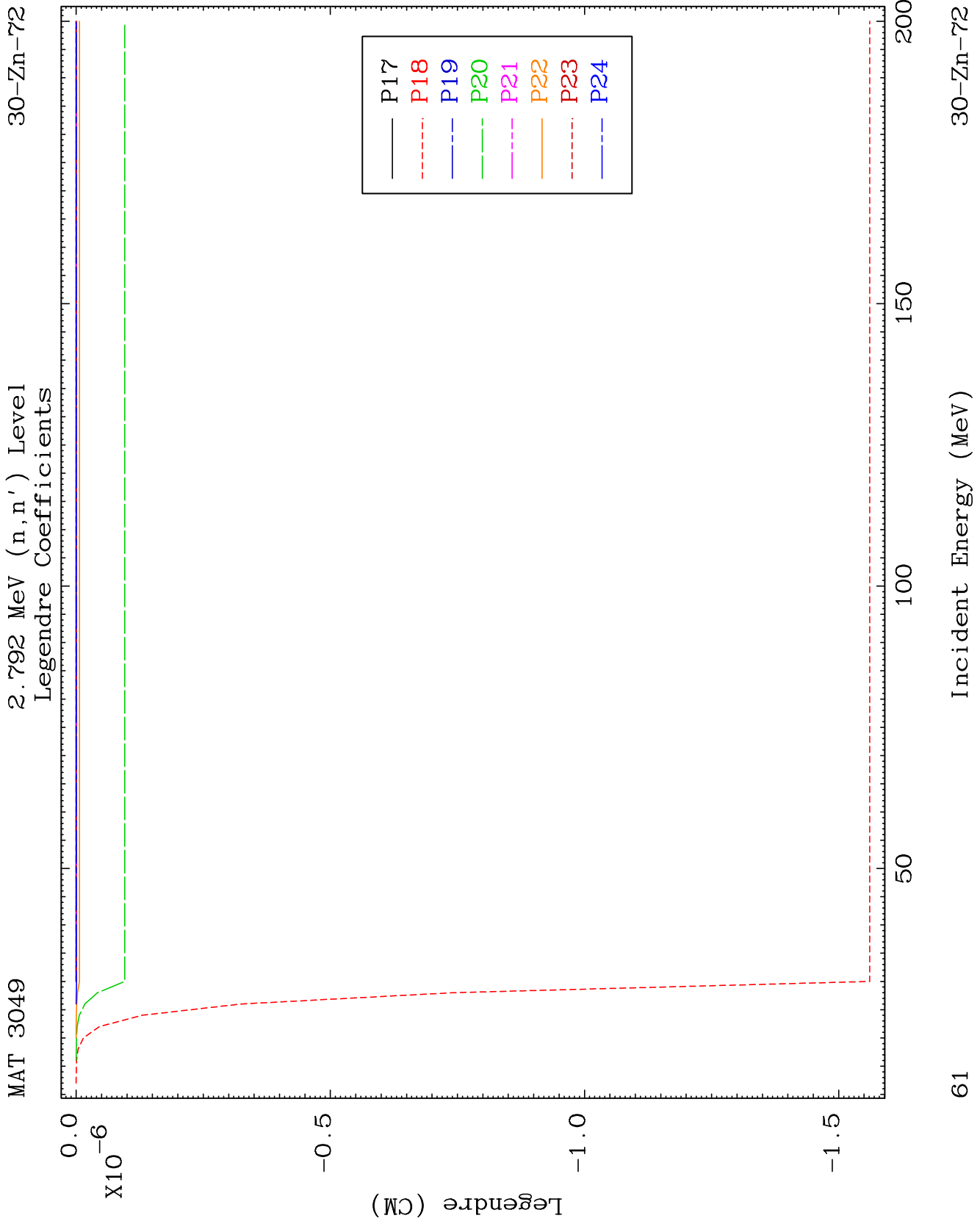
Incident Energy (MeV)

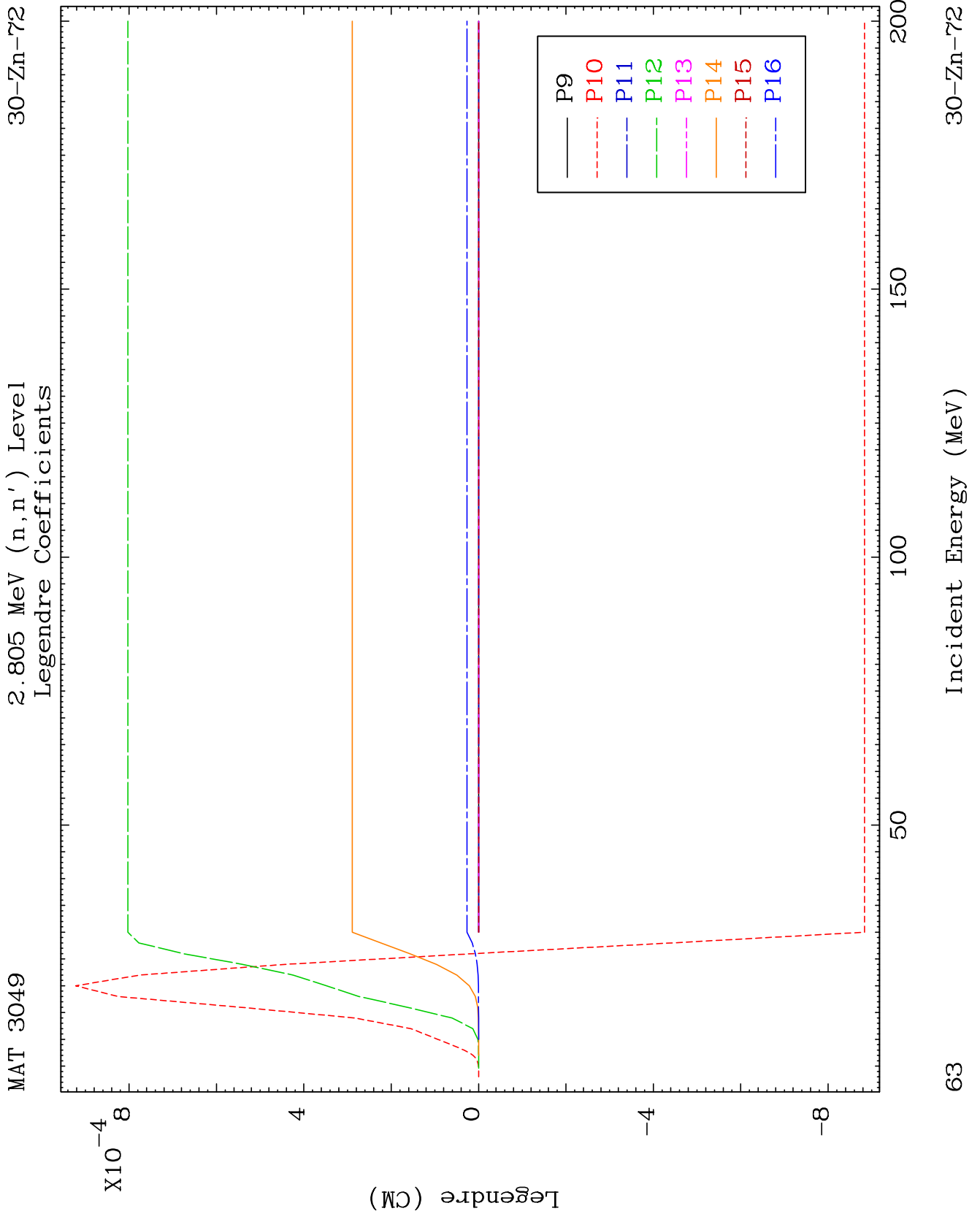
56

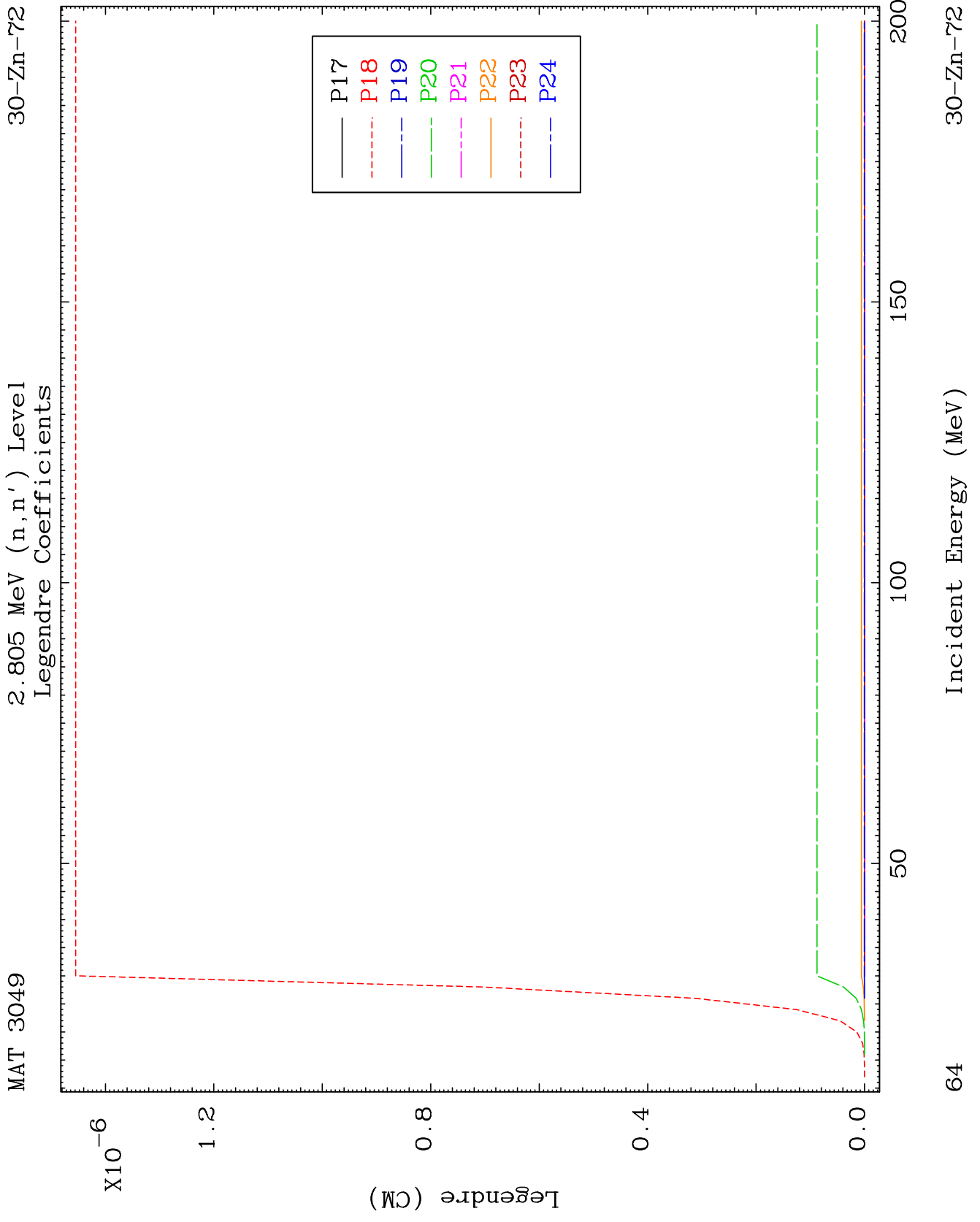


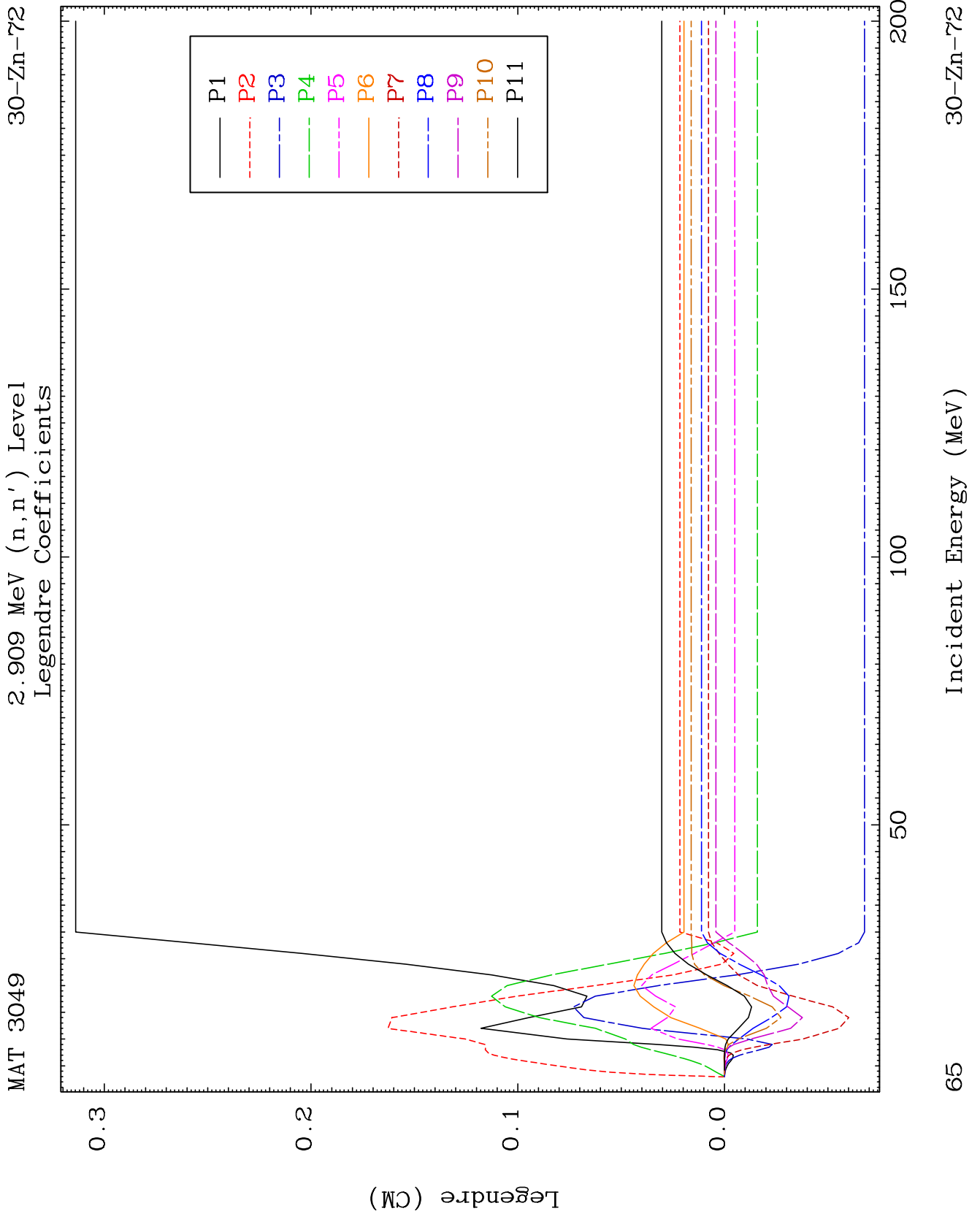


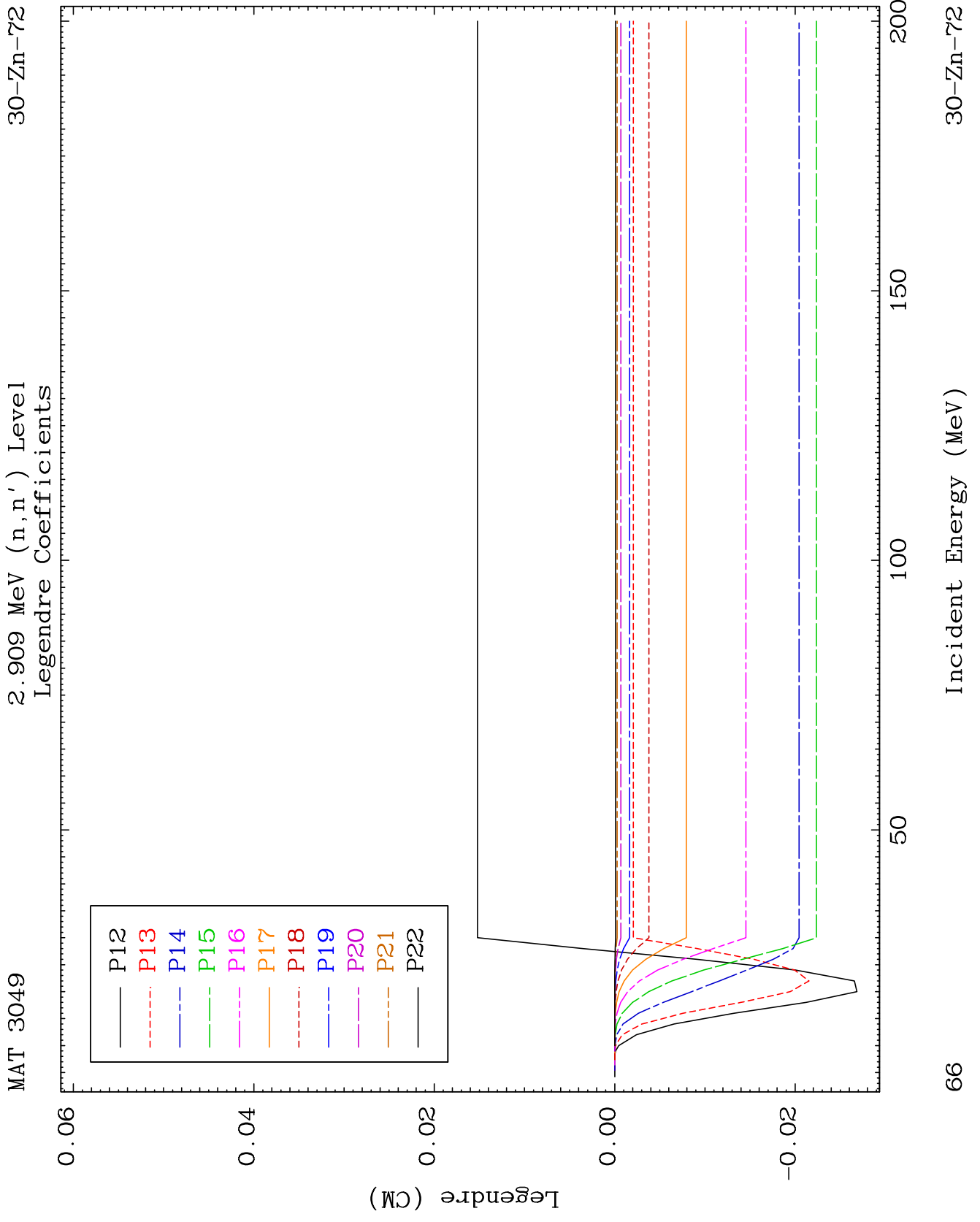


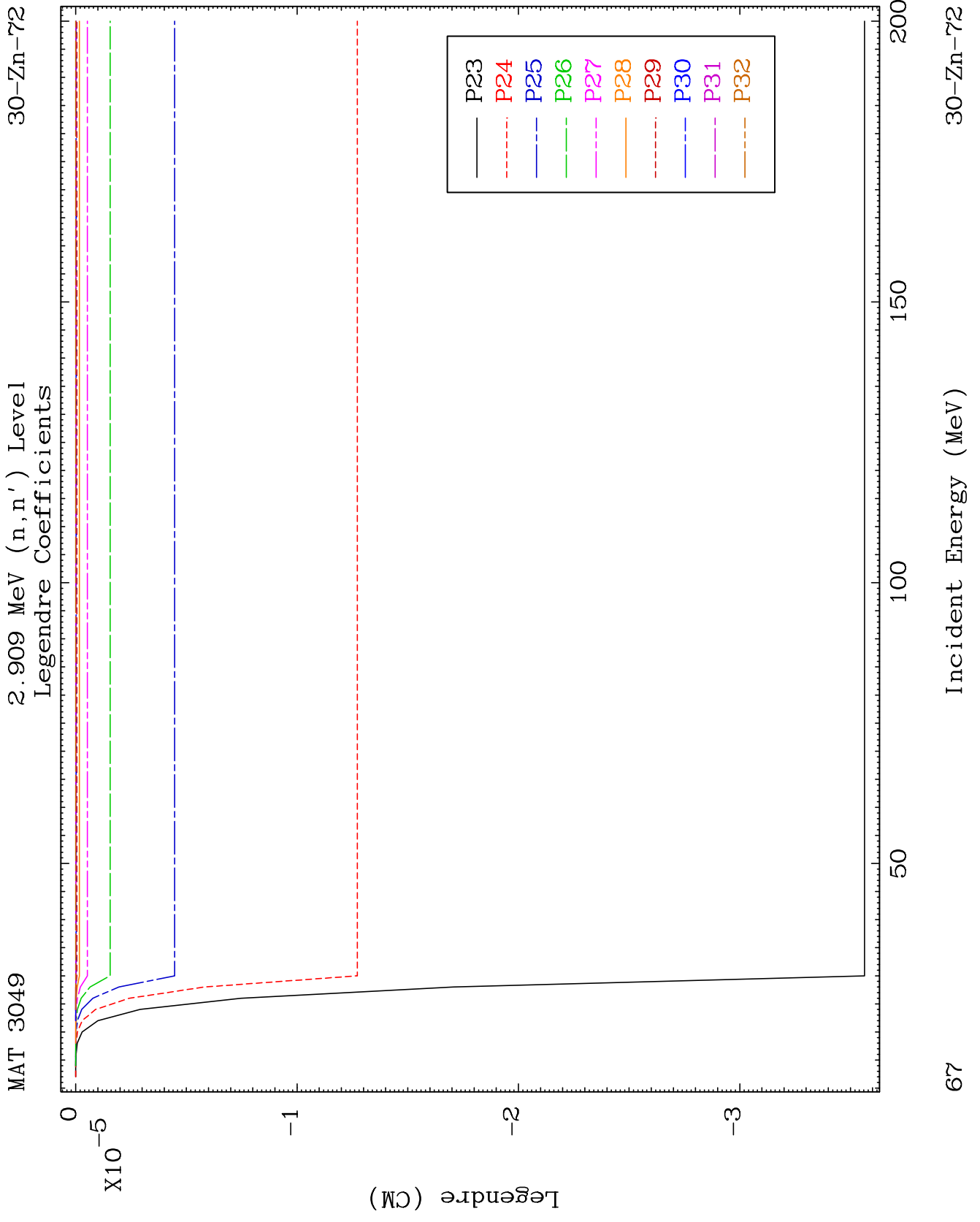


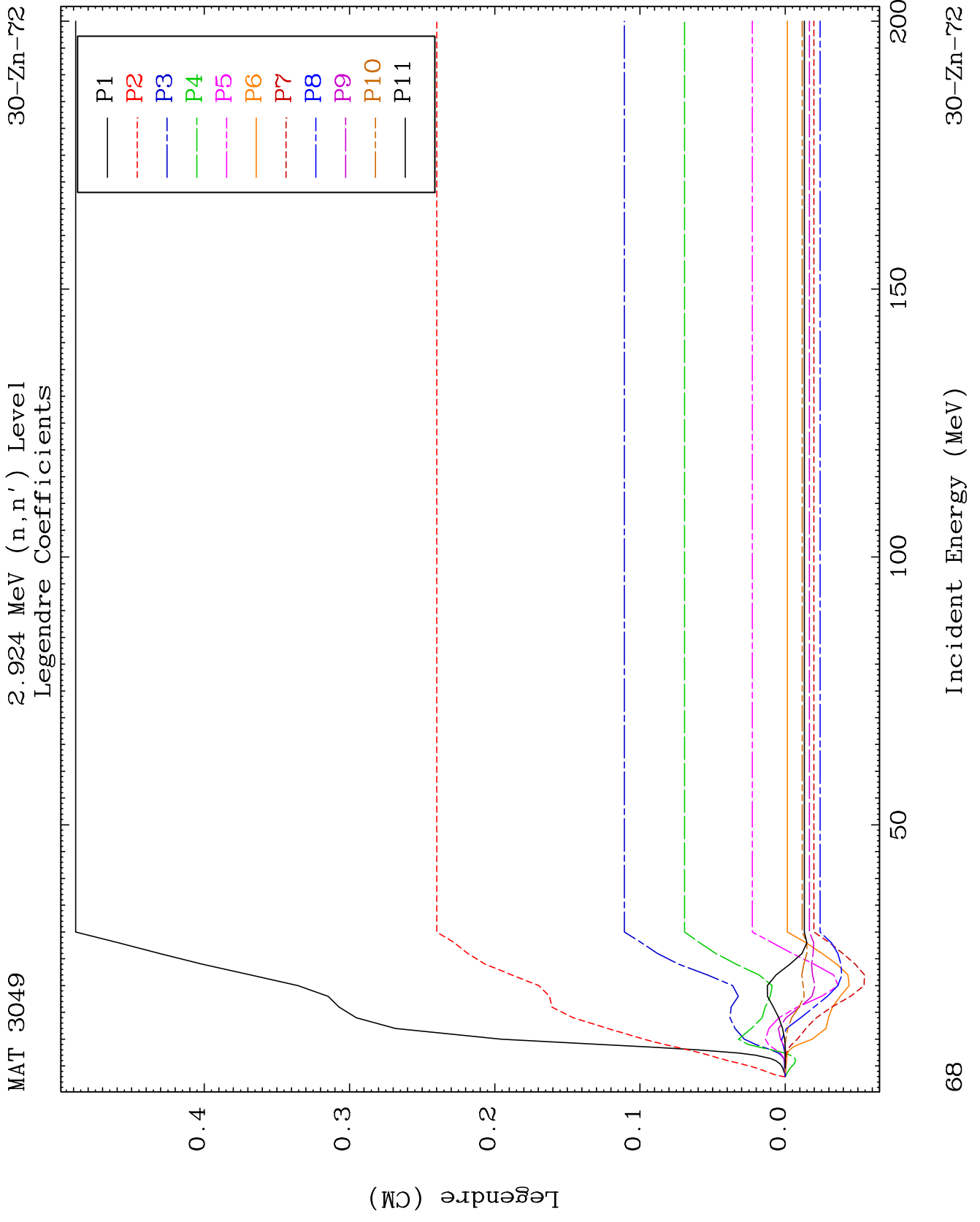


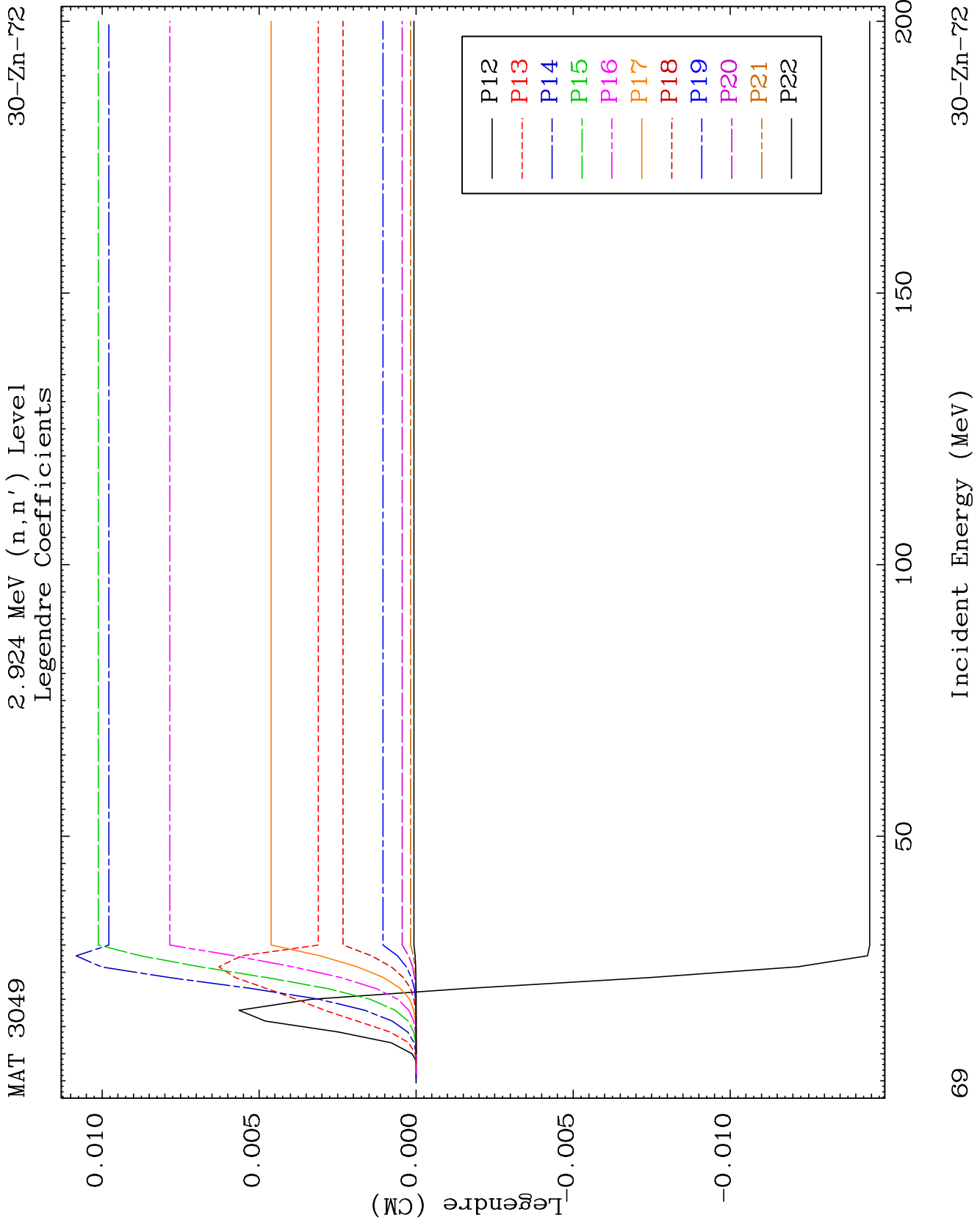


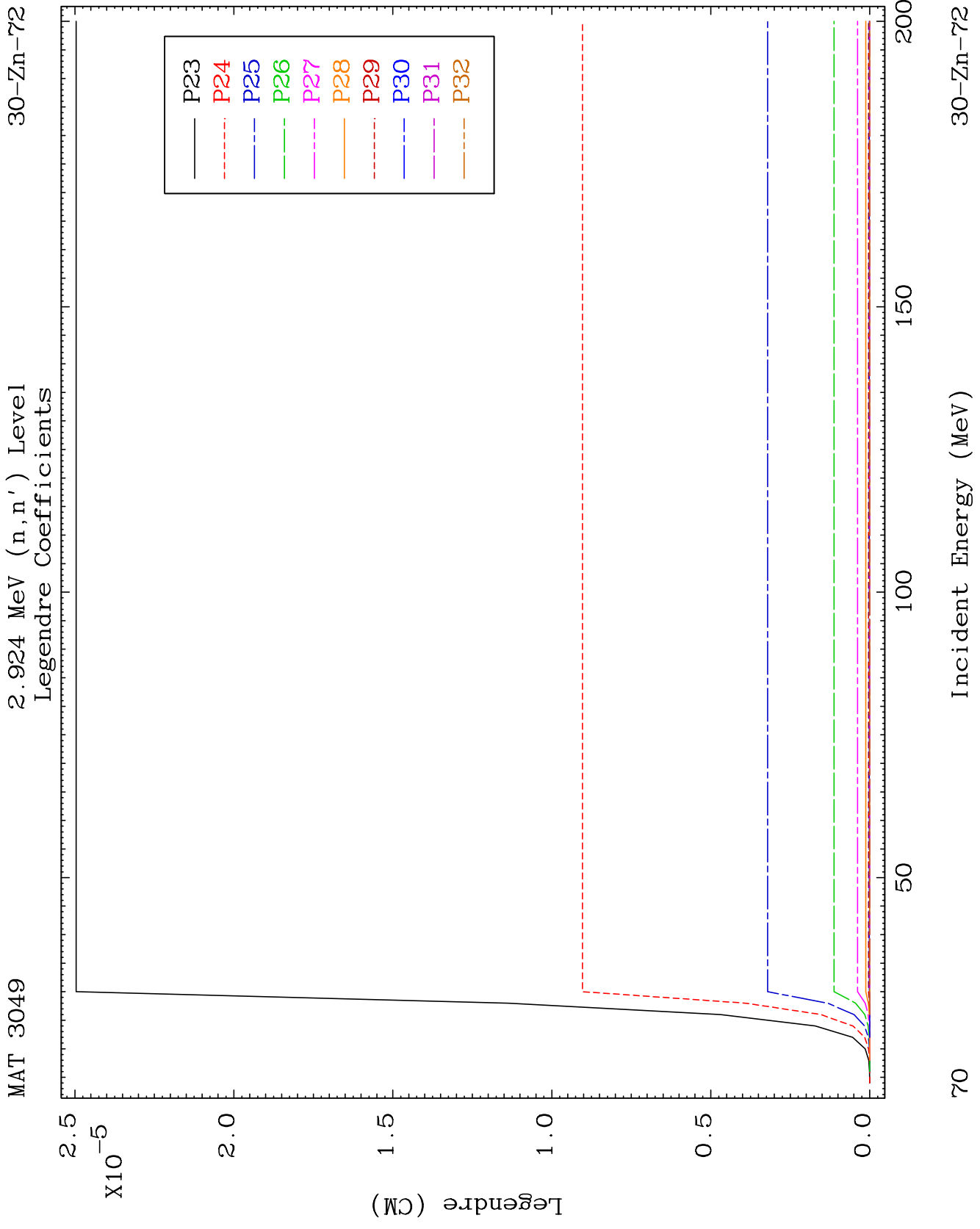








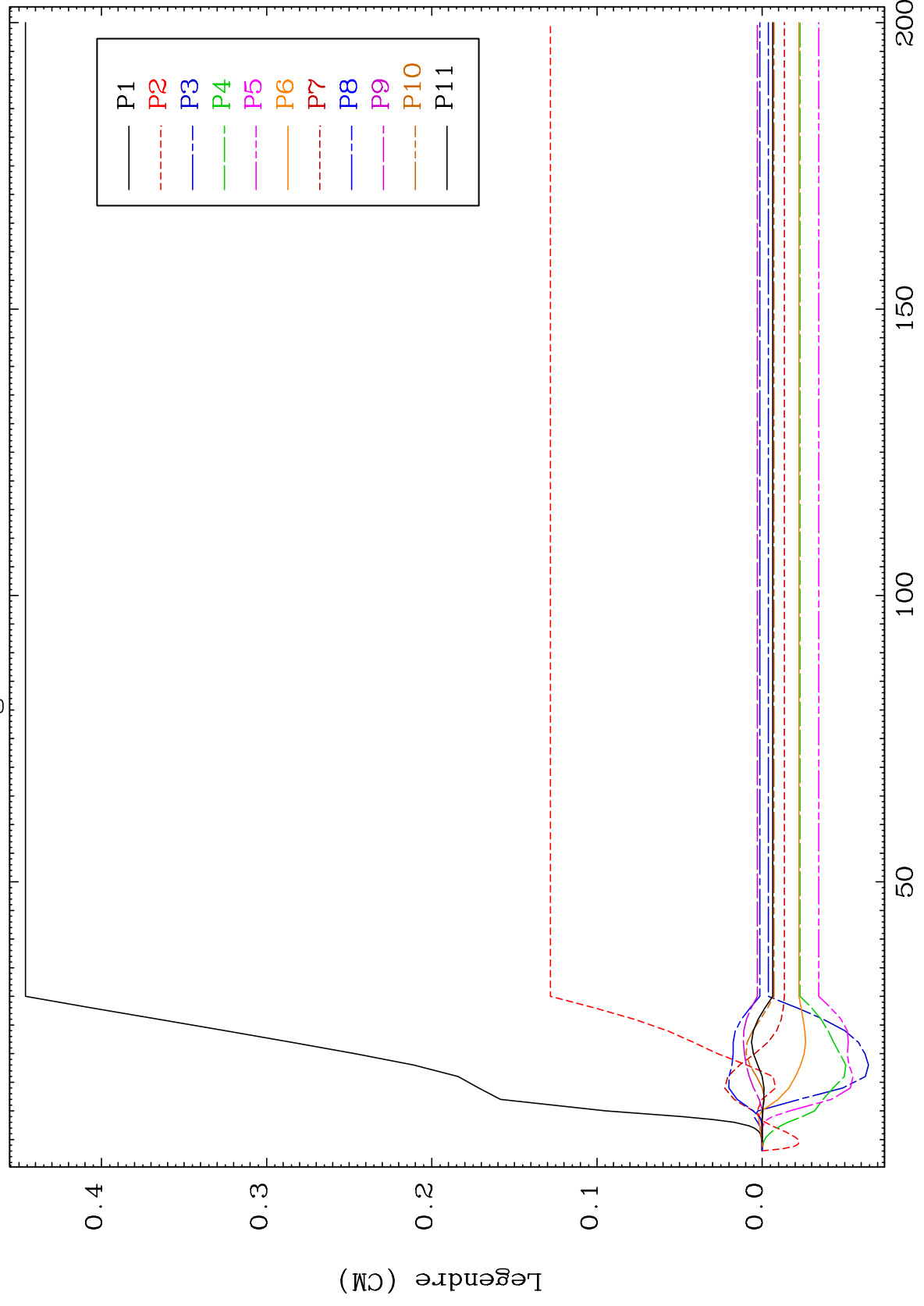




MAT 3049

2.978 MeV (n,n') Level
Legendre Coefficients

30-Zn-72



71

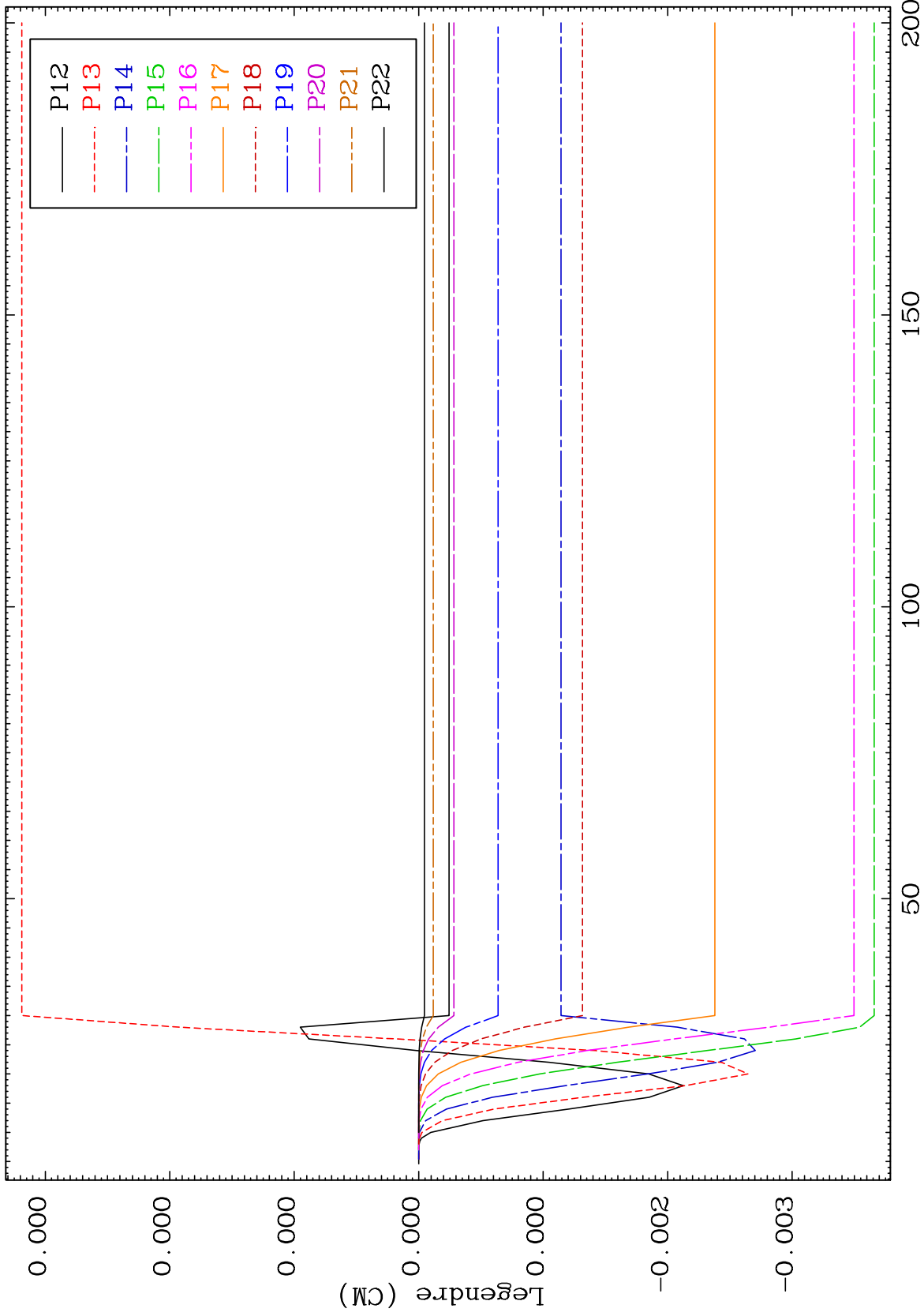
Incident Energy (MeV)

30-Zn-72

MAT 3049

2.978 MeV (n,n') Level
Legendre Coefficients

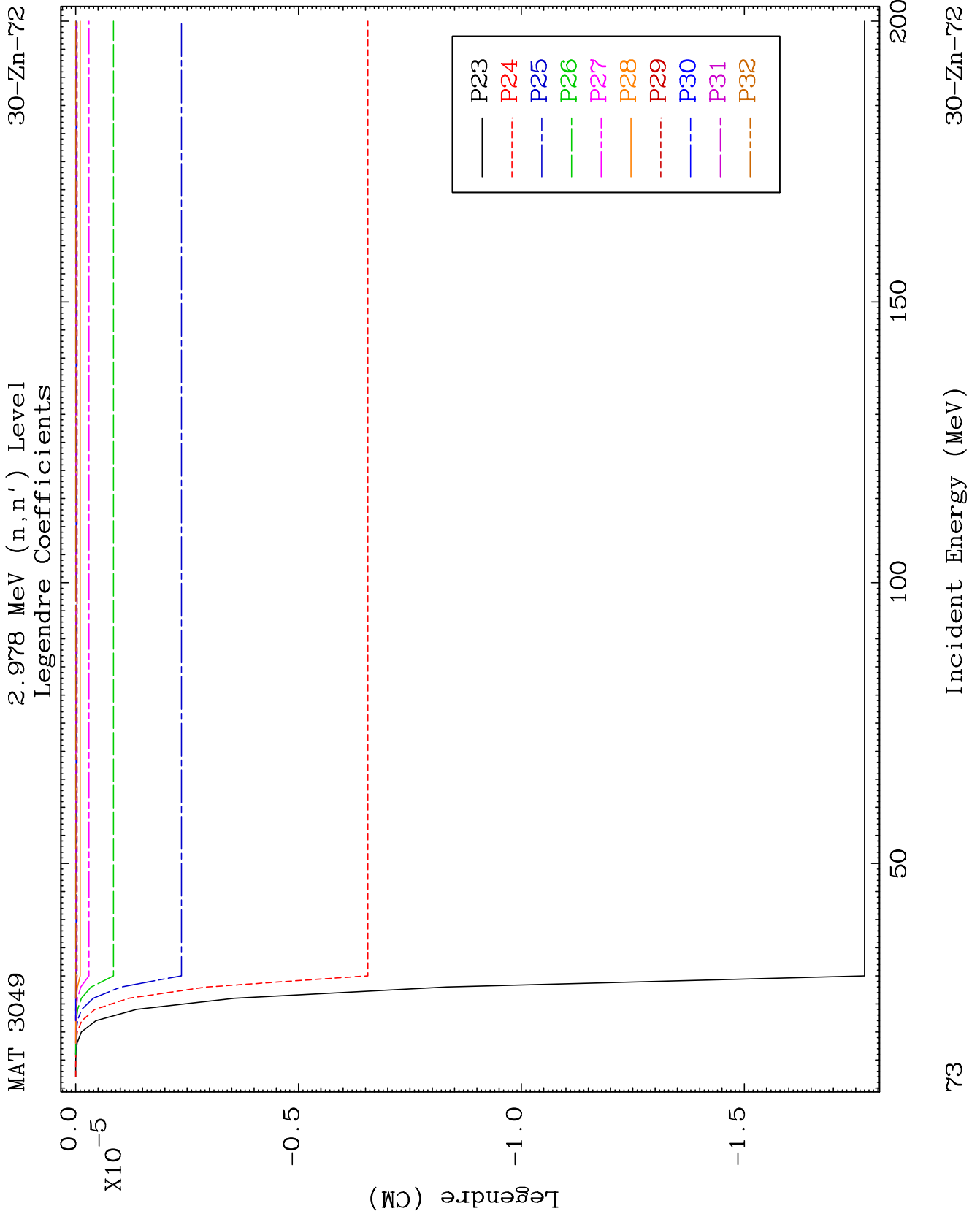
30-Zn-72



72

Incident Energy (MeV)

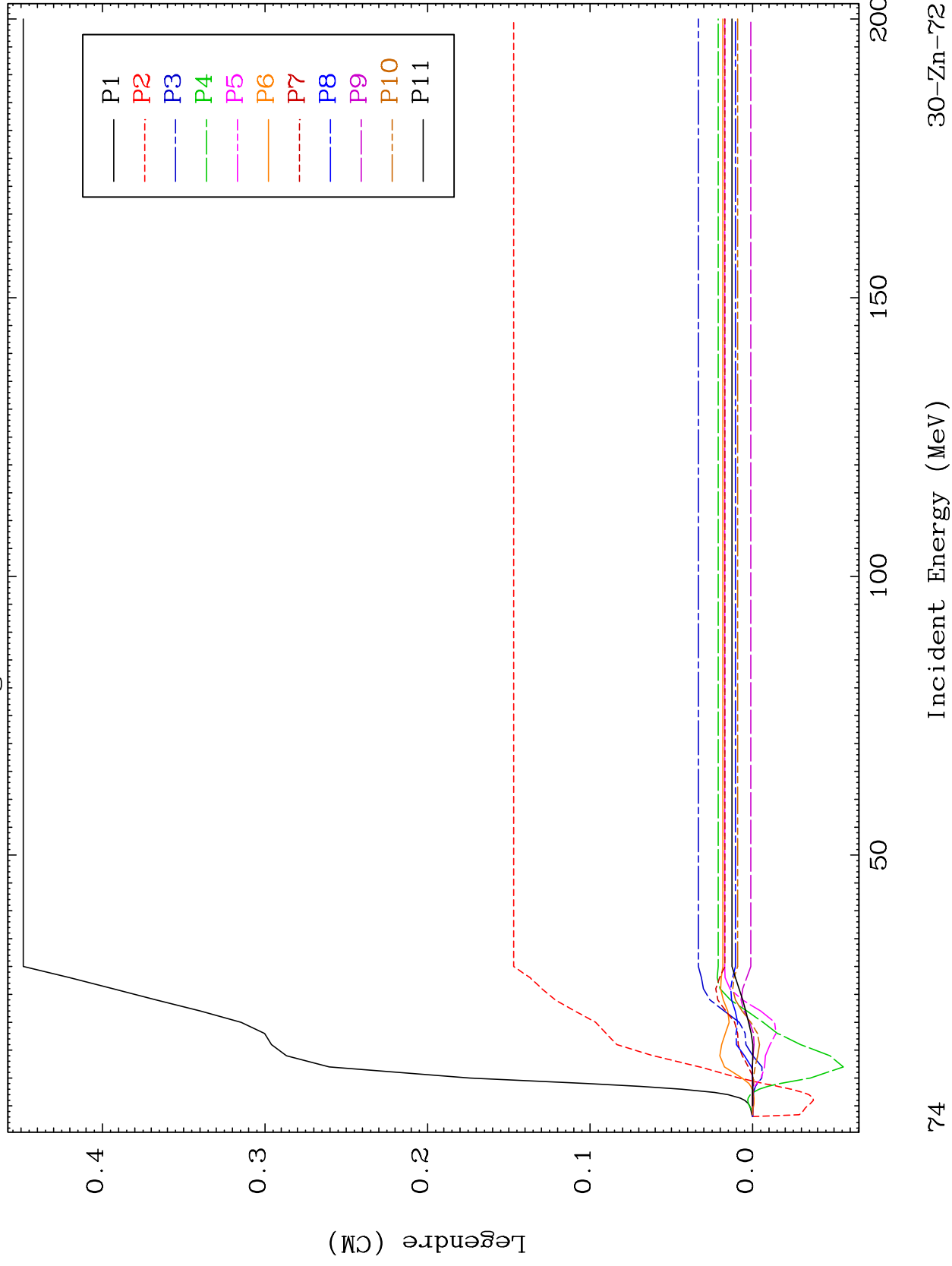
30-Zn-72



MAT 3049

3.027 MeV (n,n') Level
Legendre Coefficients

30-Zn-72



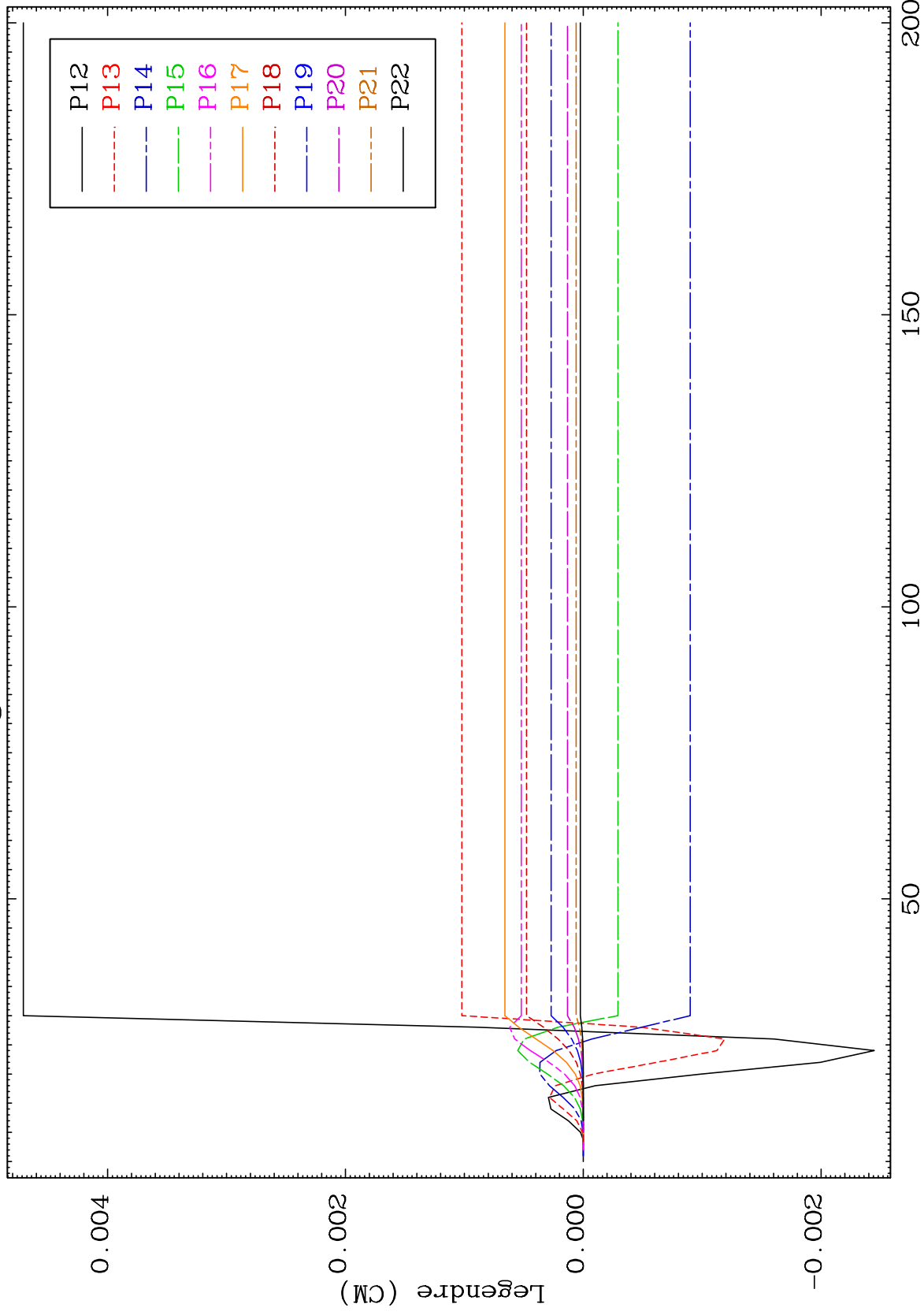
74

30-Zn-72

MAT 3049

3.027 MeV (n,n') Level
Legendre Coefficients

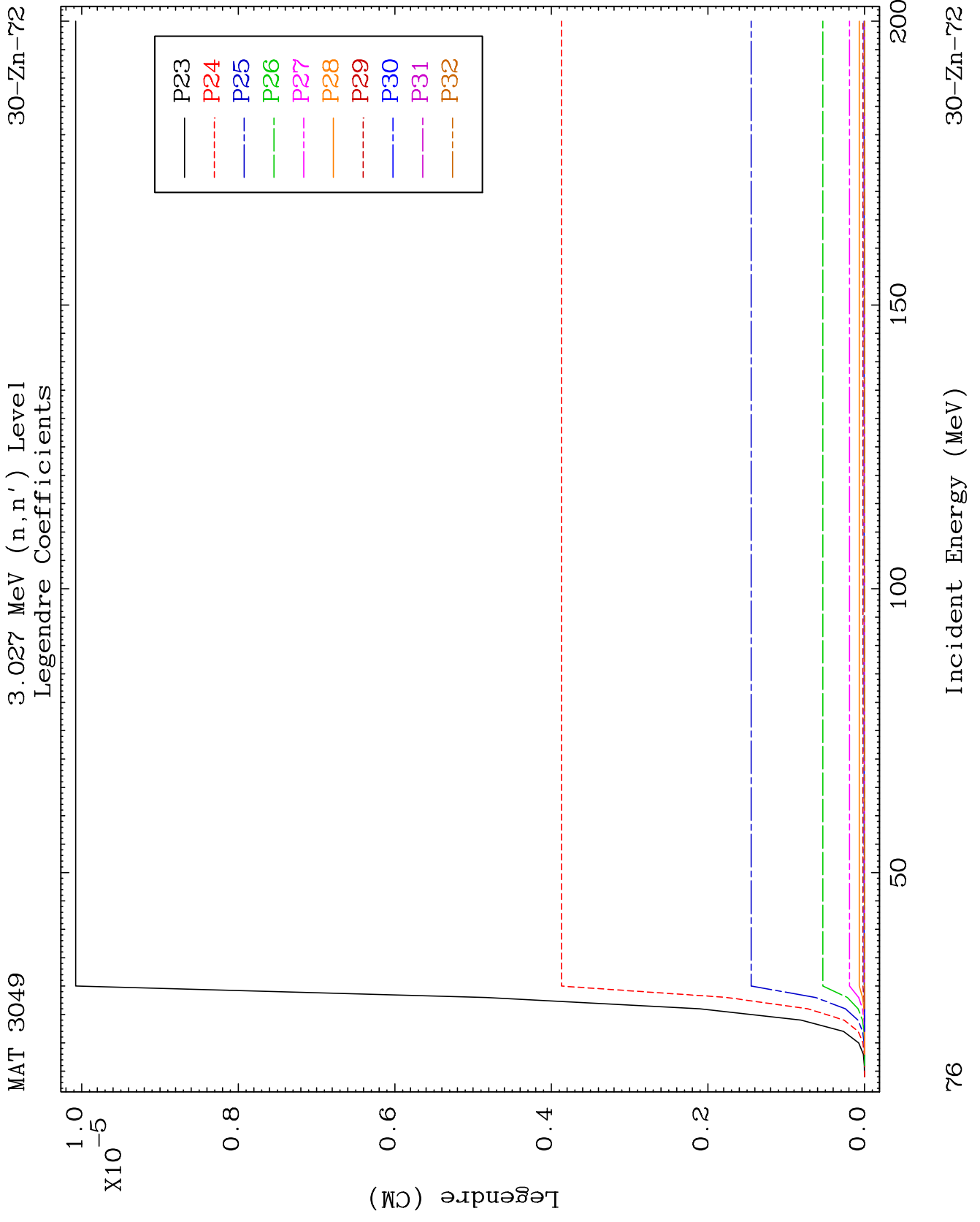
30-Zn-72

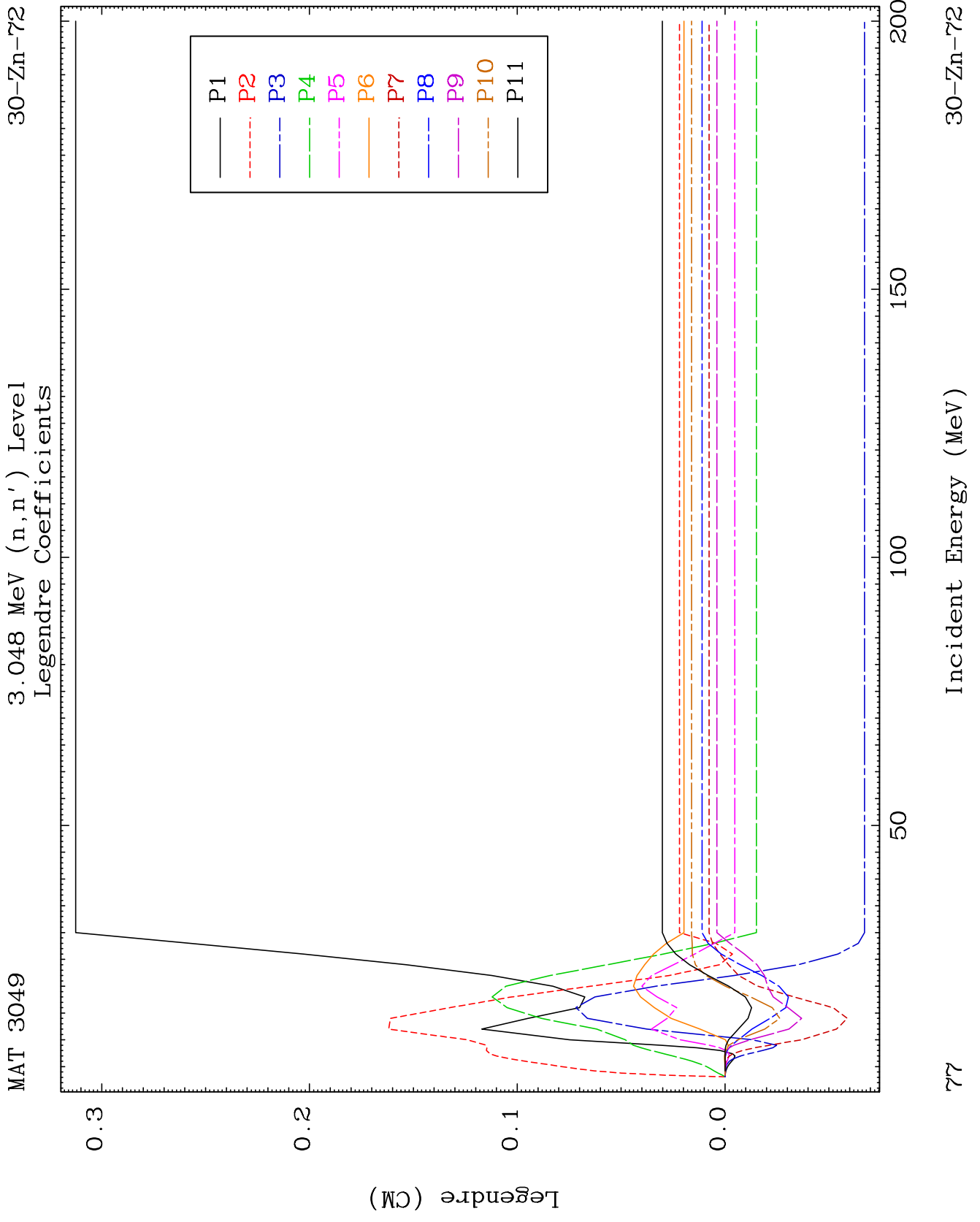


75

Incident Energy (MeV)

30-Zn-72

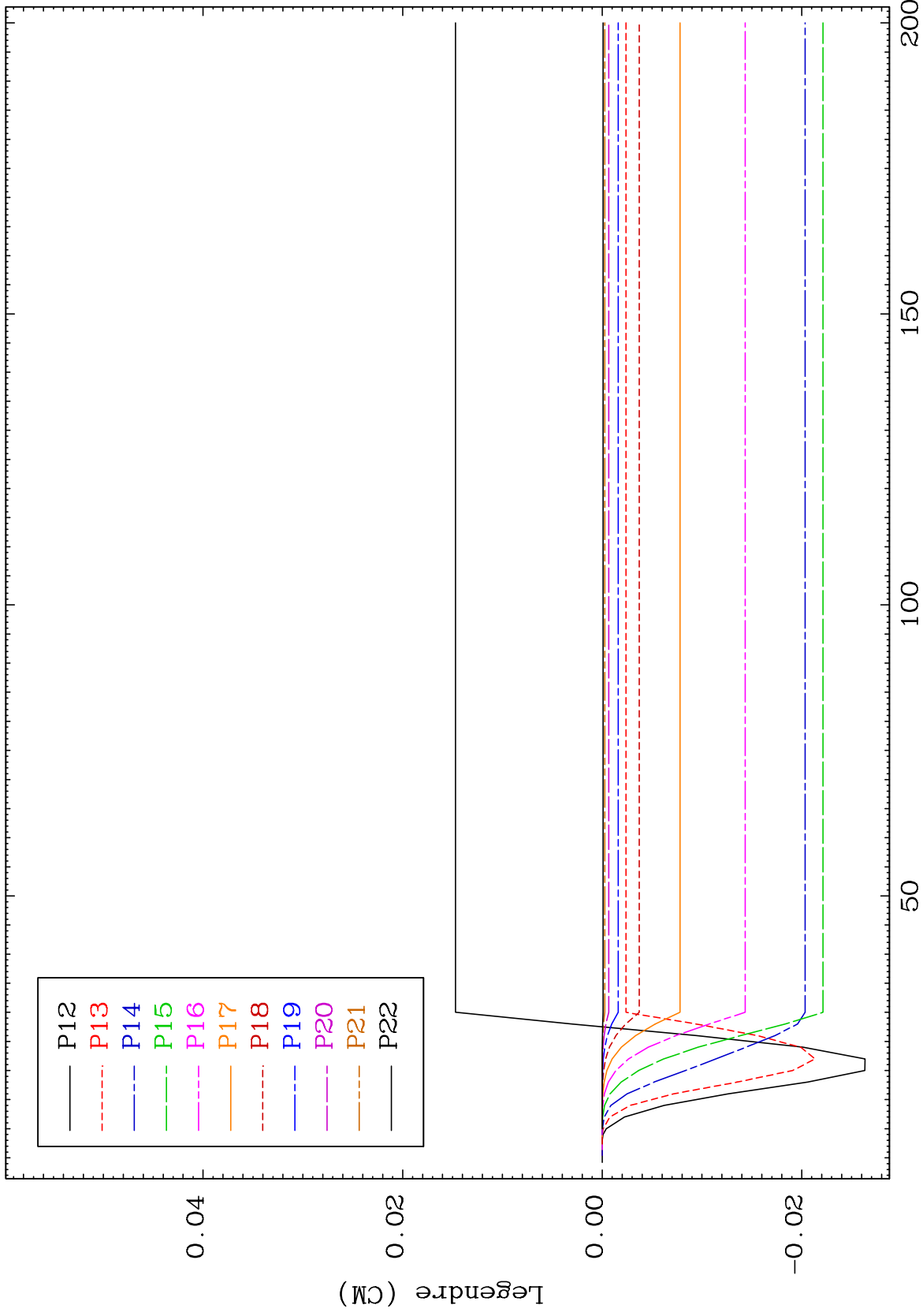




MAT 3049

3.048 MeV (n,n') Level
Legendre Coefficients

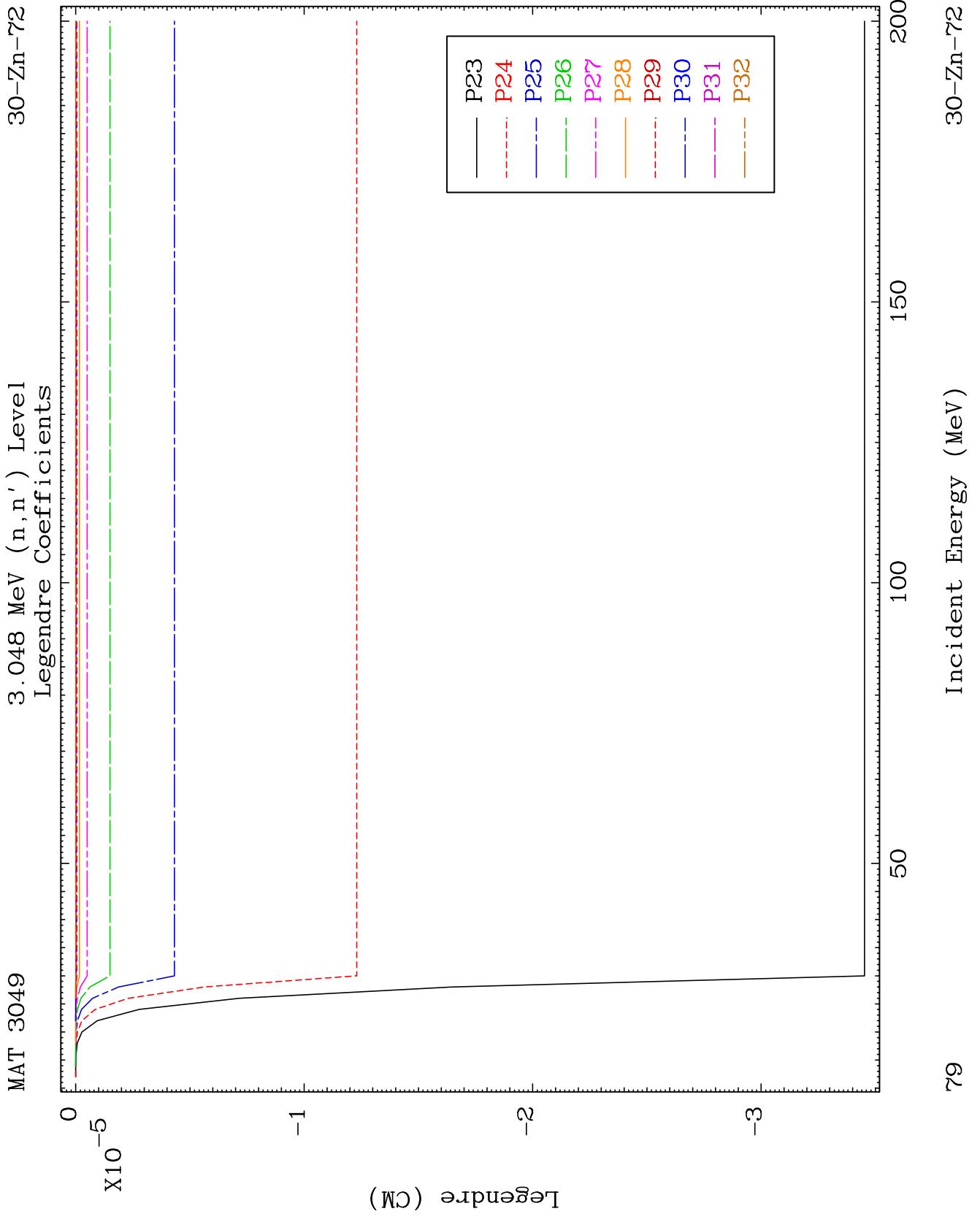
30-Zn-72

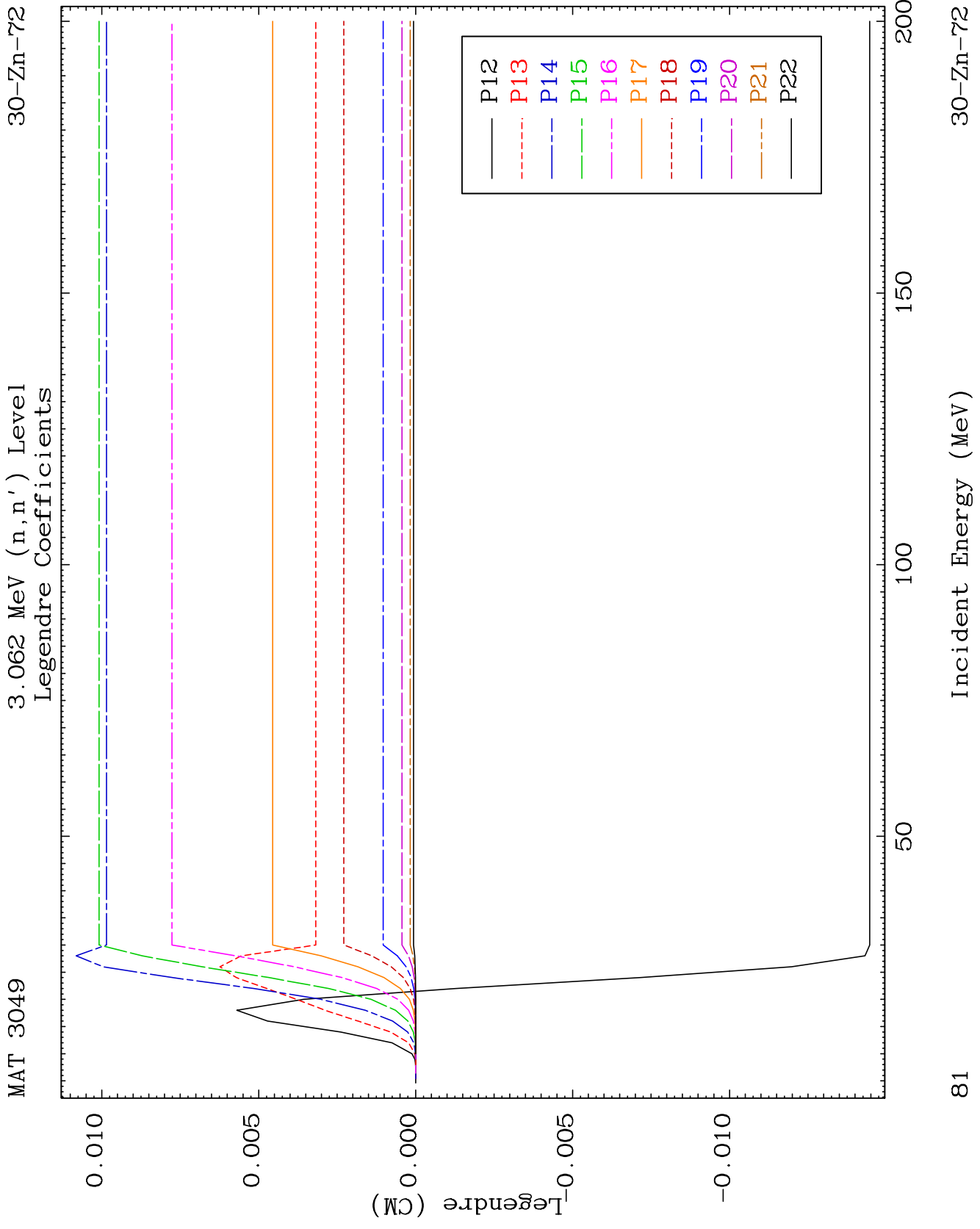


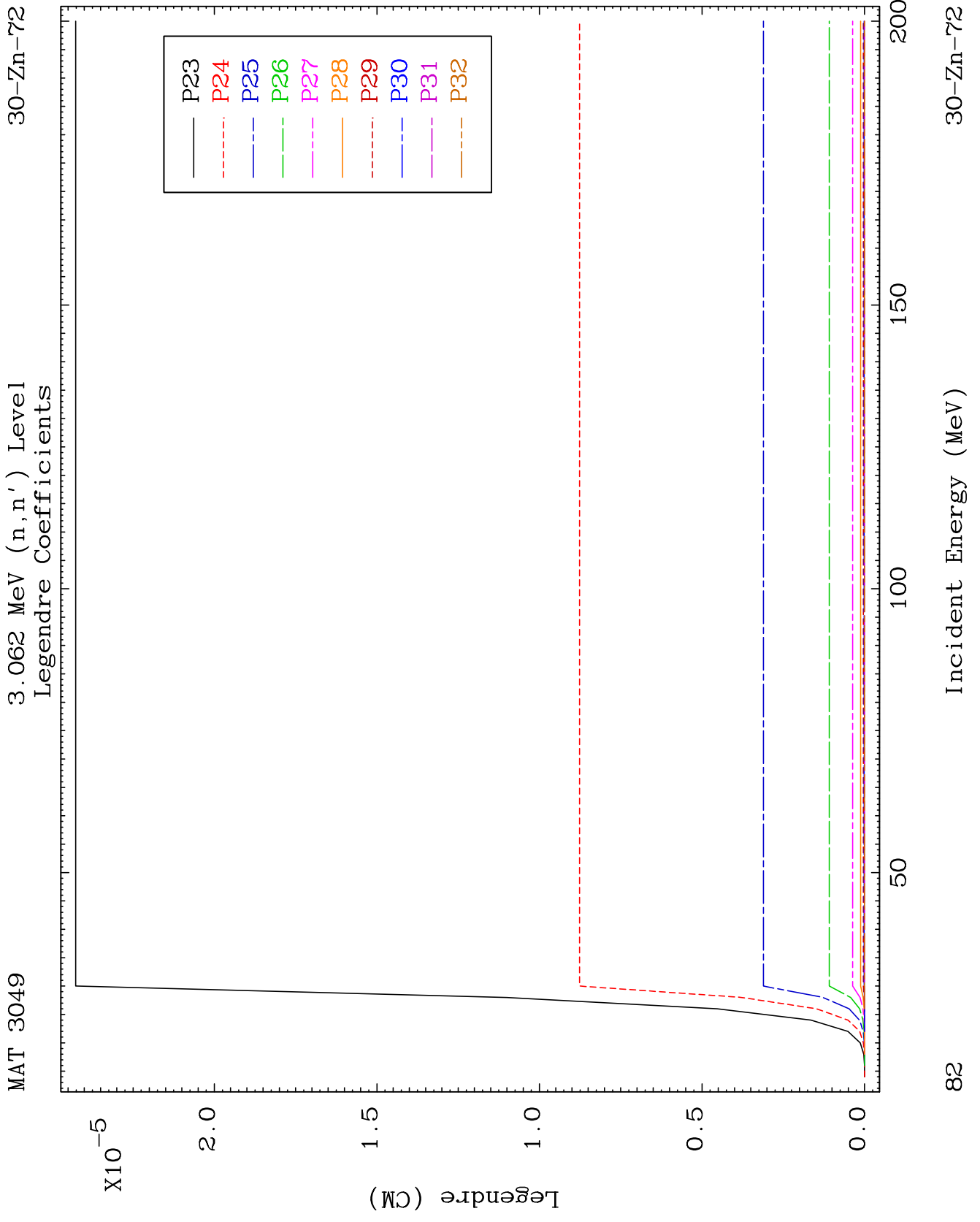
78

Incident Energy (MeV)

30-Zn-72



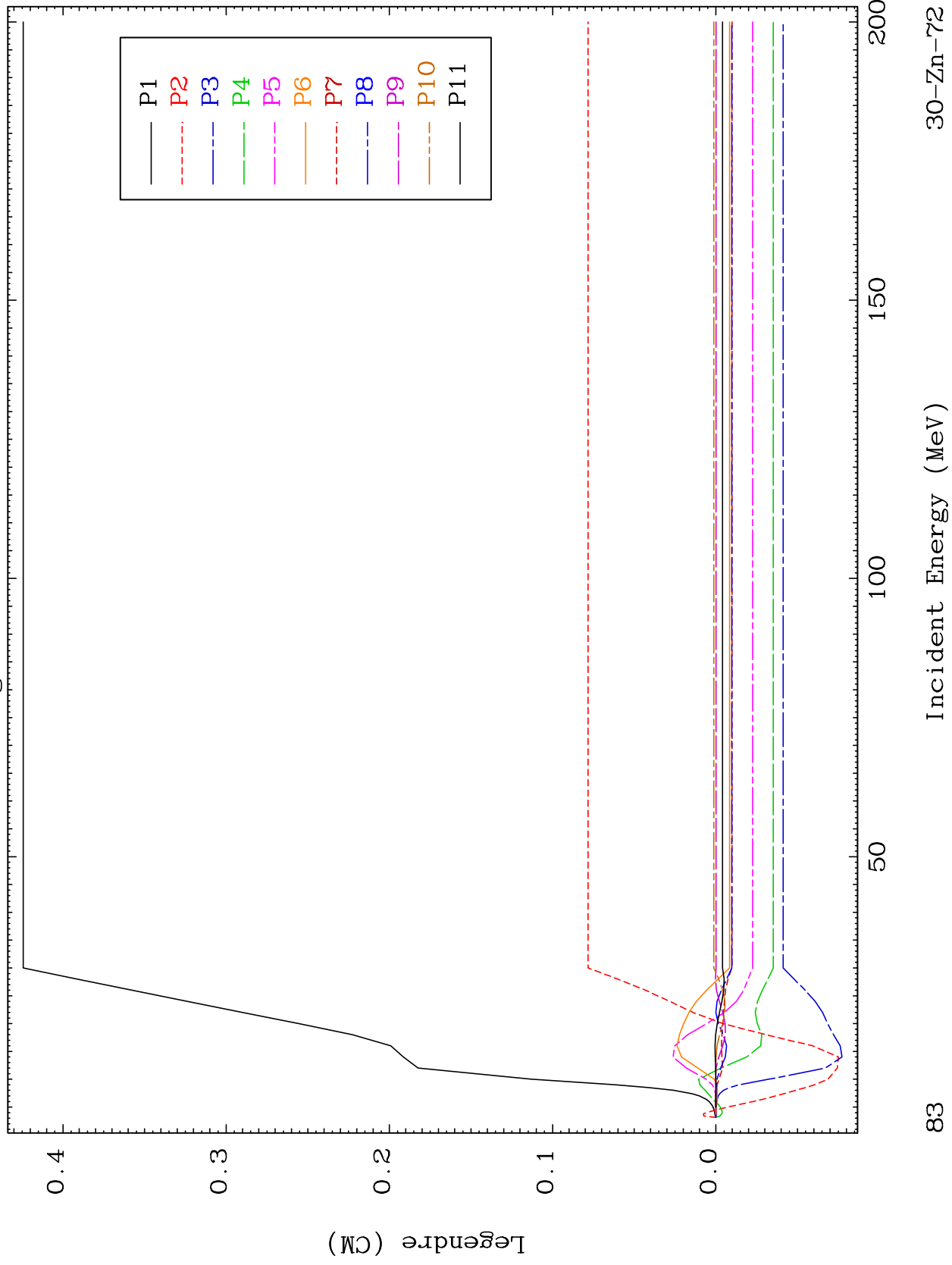




MAT 3049

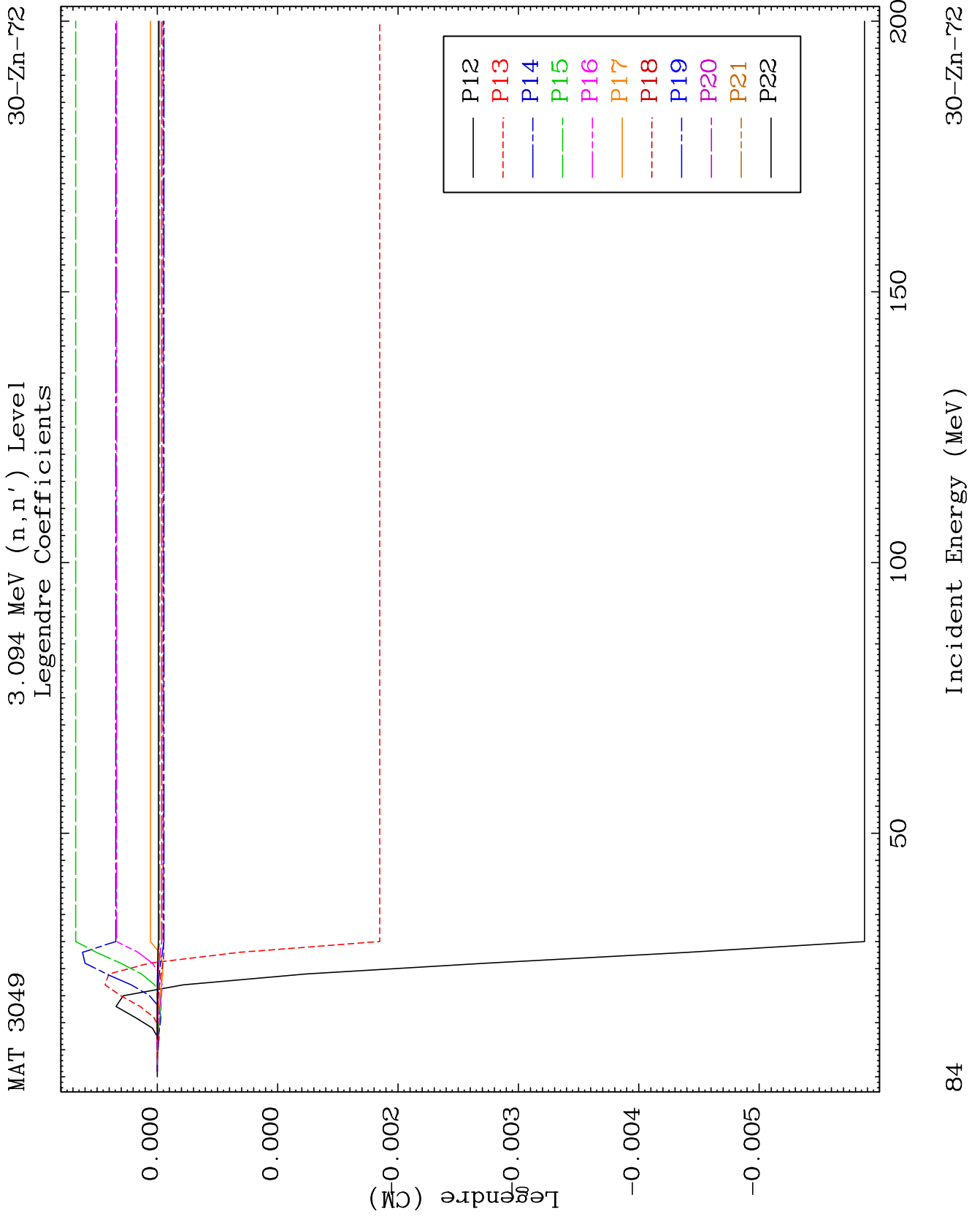
3.094 MeV (n,n') Level
Legendre Coefficients

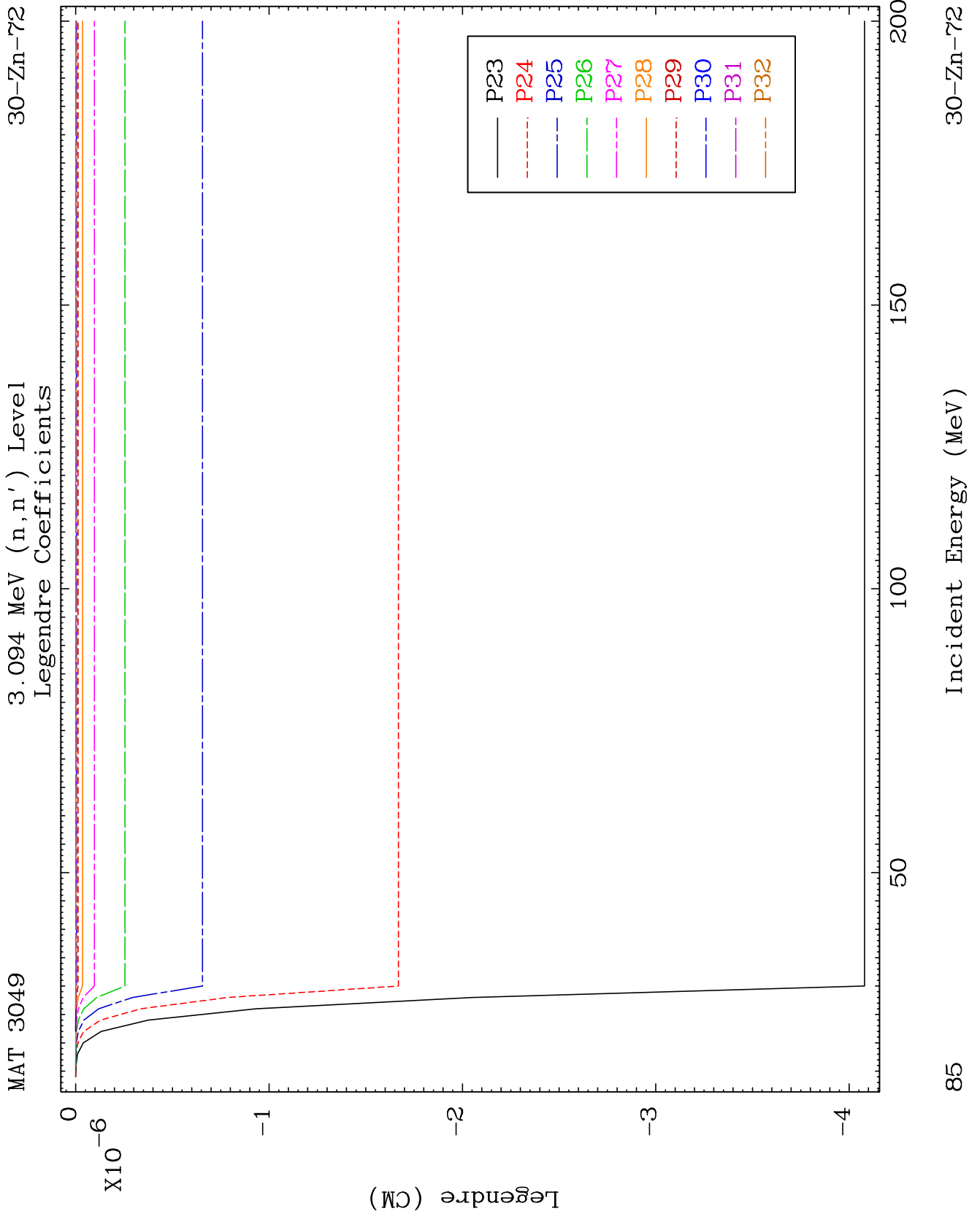
30-Zn-72

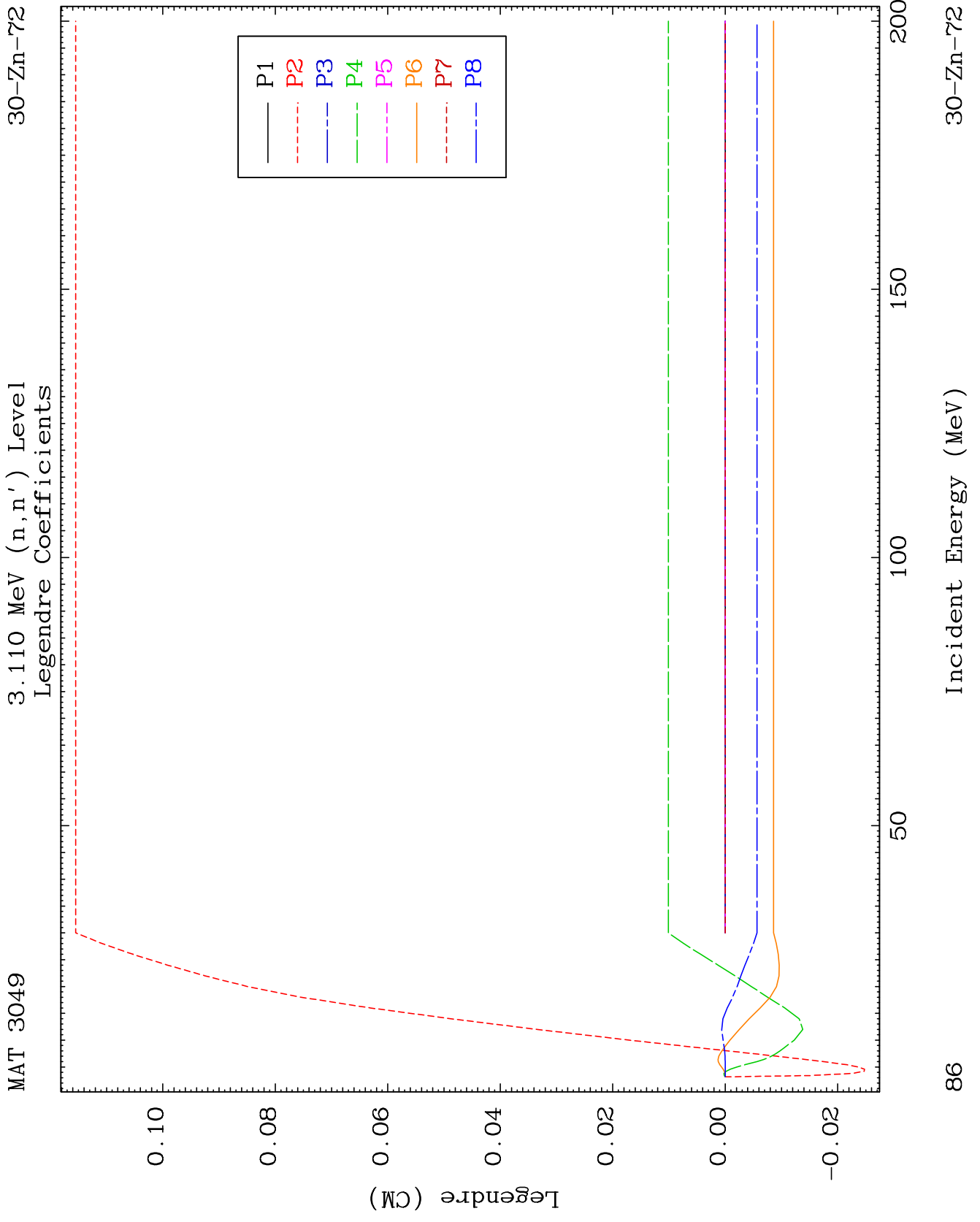


83

30-Zn-72



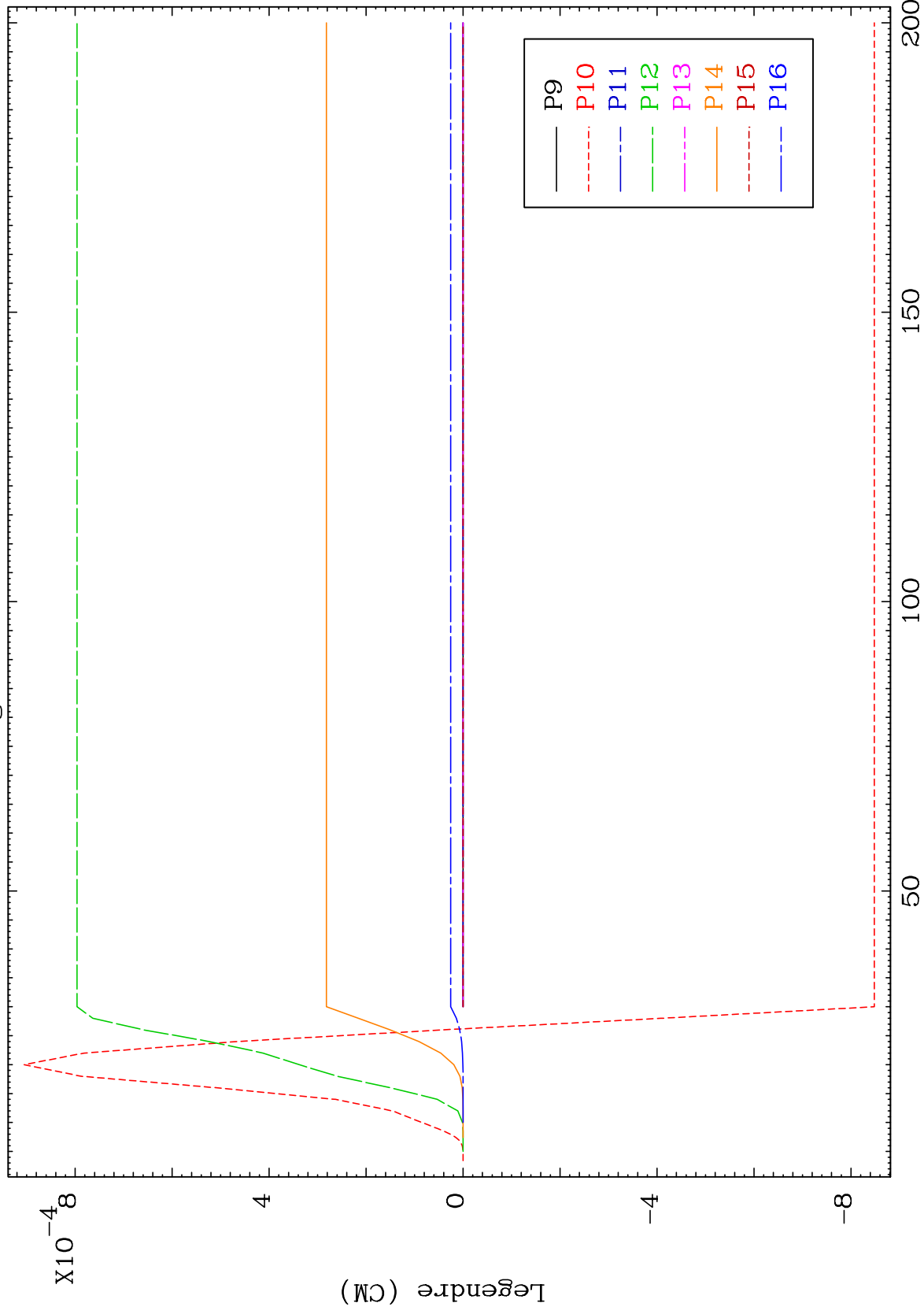




MAT 3049

3.110 MeV (n,n') Level
Legendre Coefficients

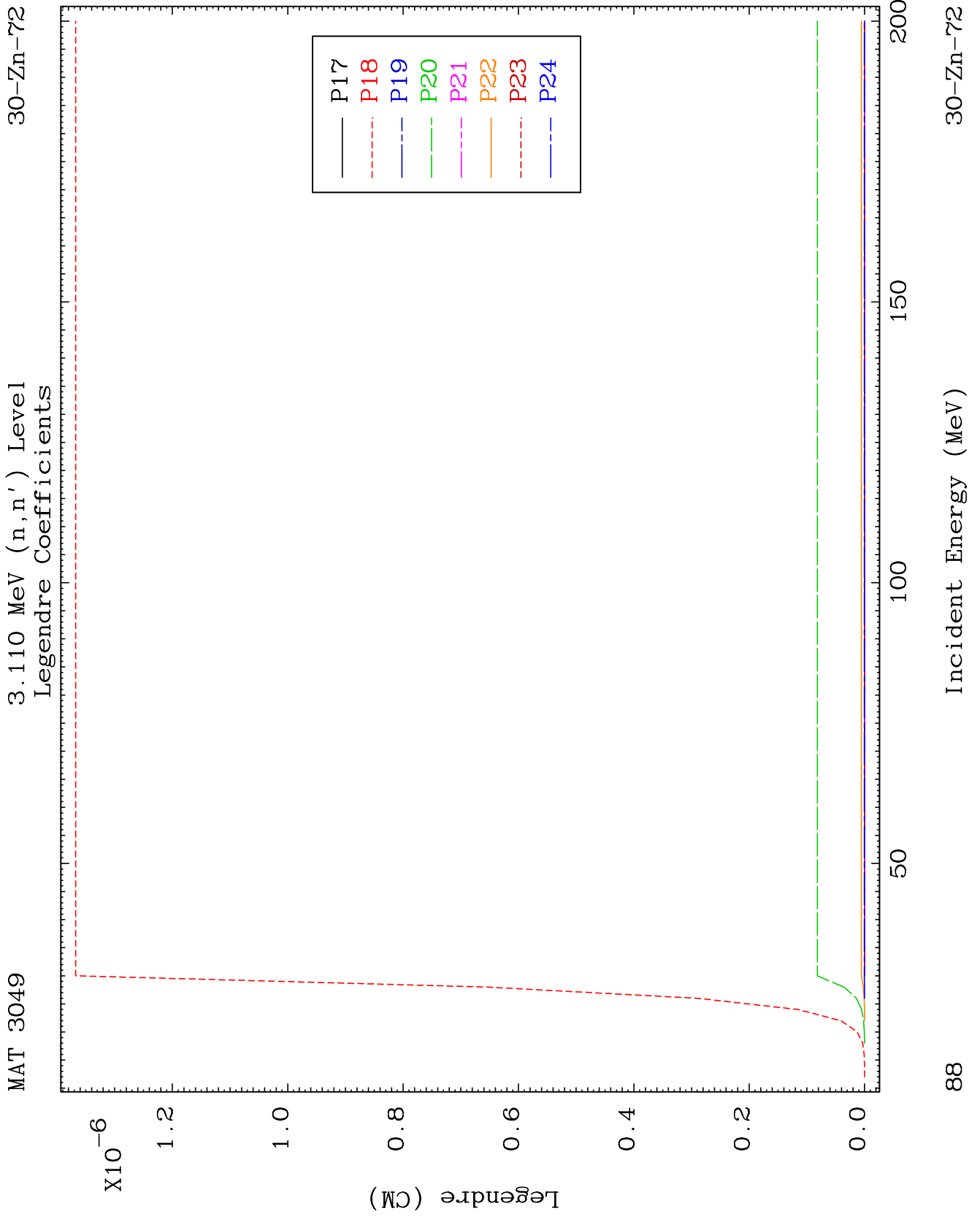
30-Zn-72

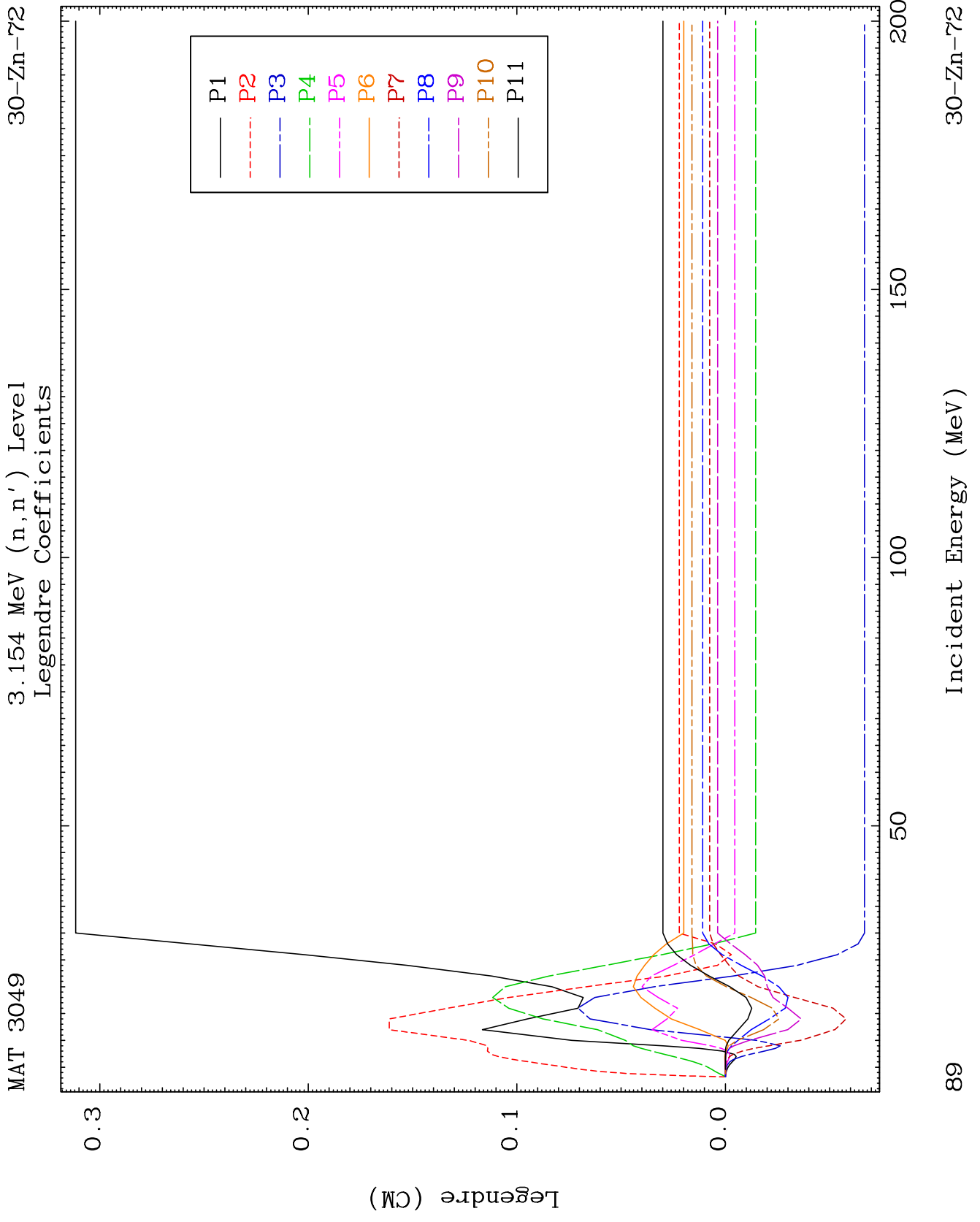


87

Incident Energy (MeV)

30-Zn-72

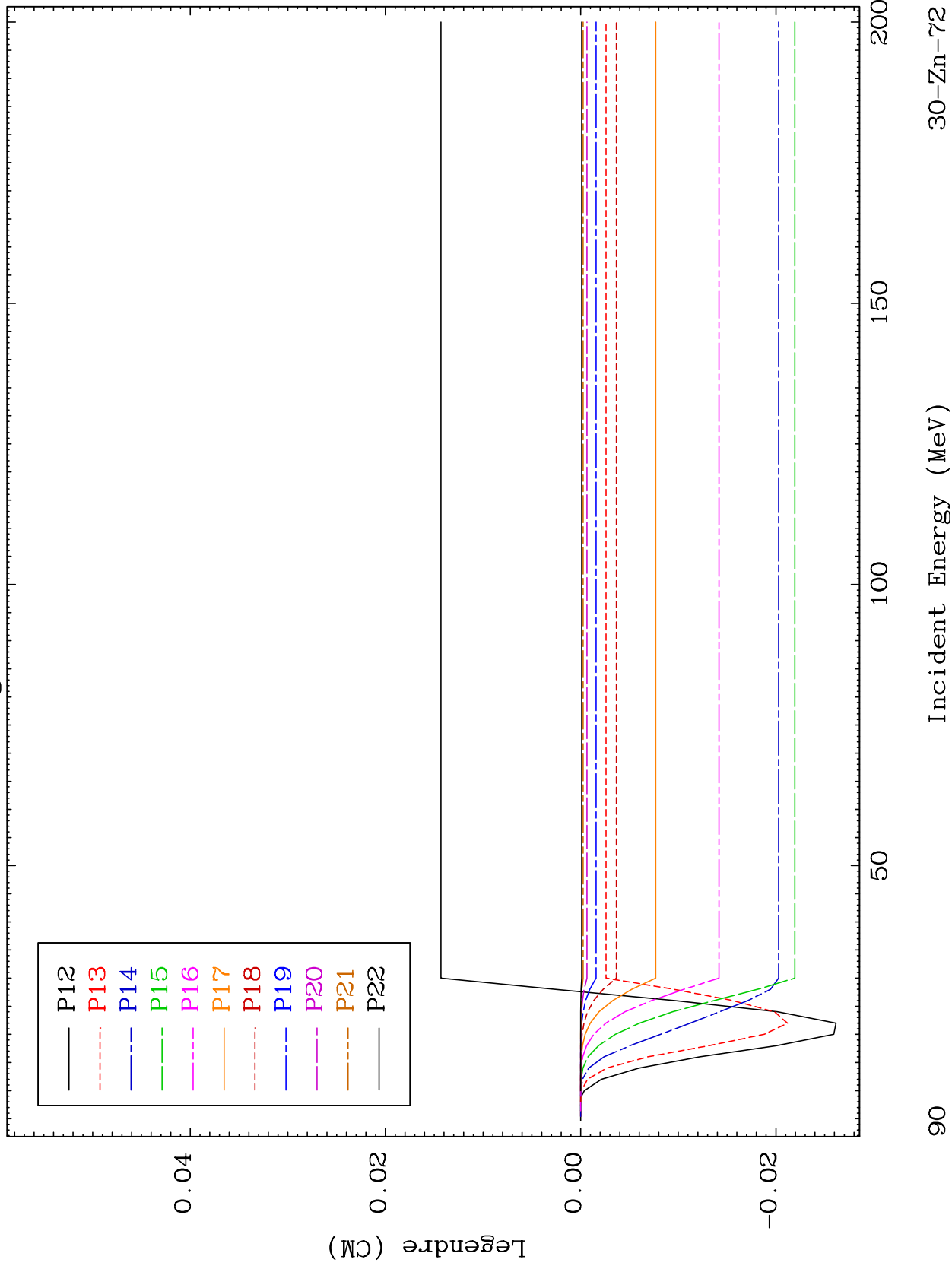




MAT 3049

3.154 MeV (n,n') Level
Legendre Coefficients

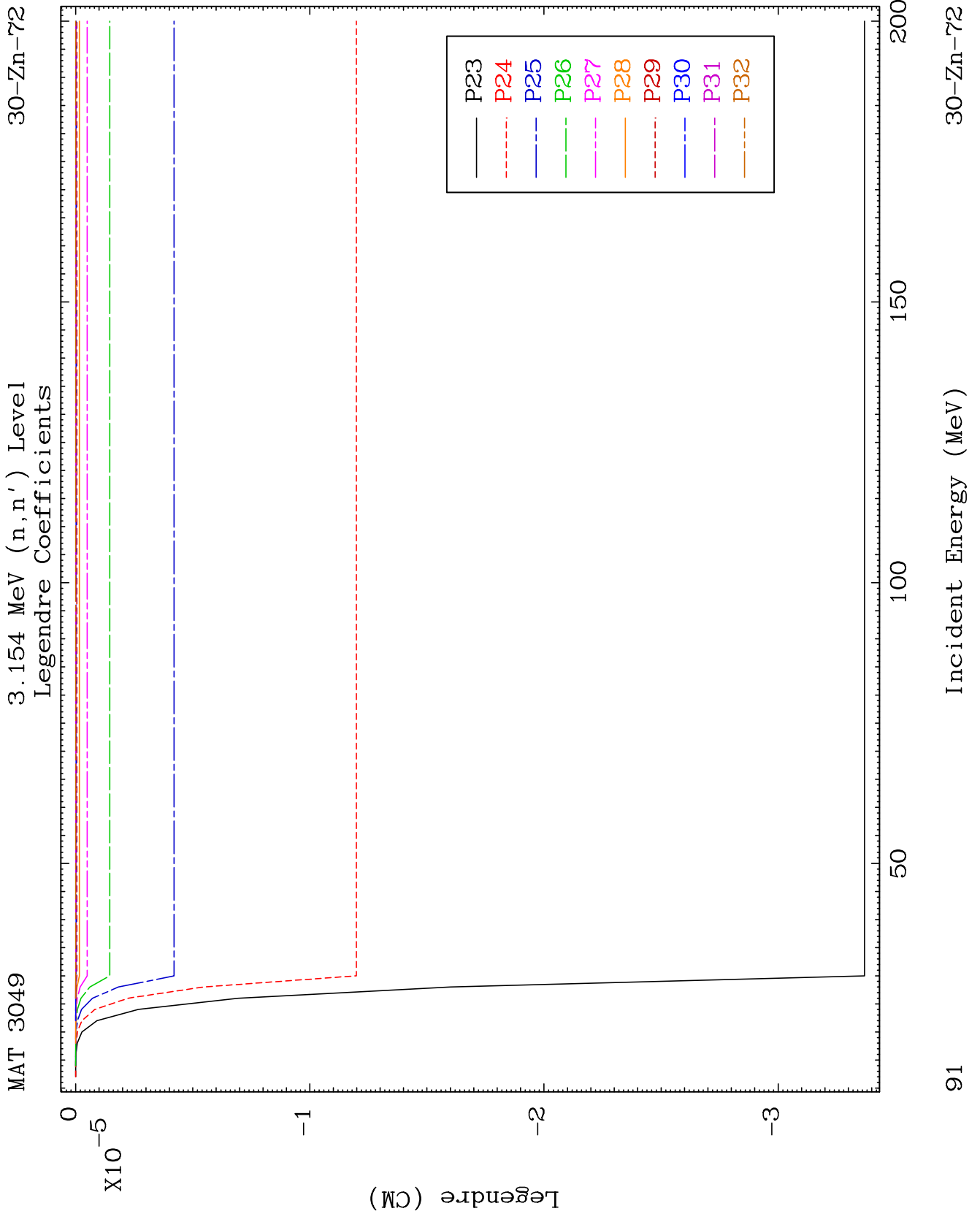
30-Zn-72

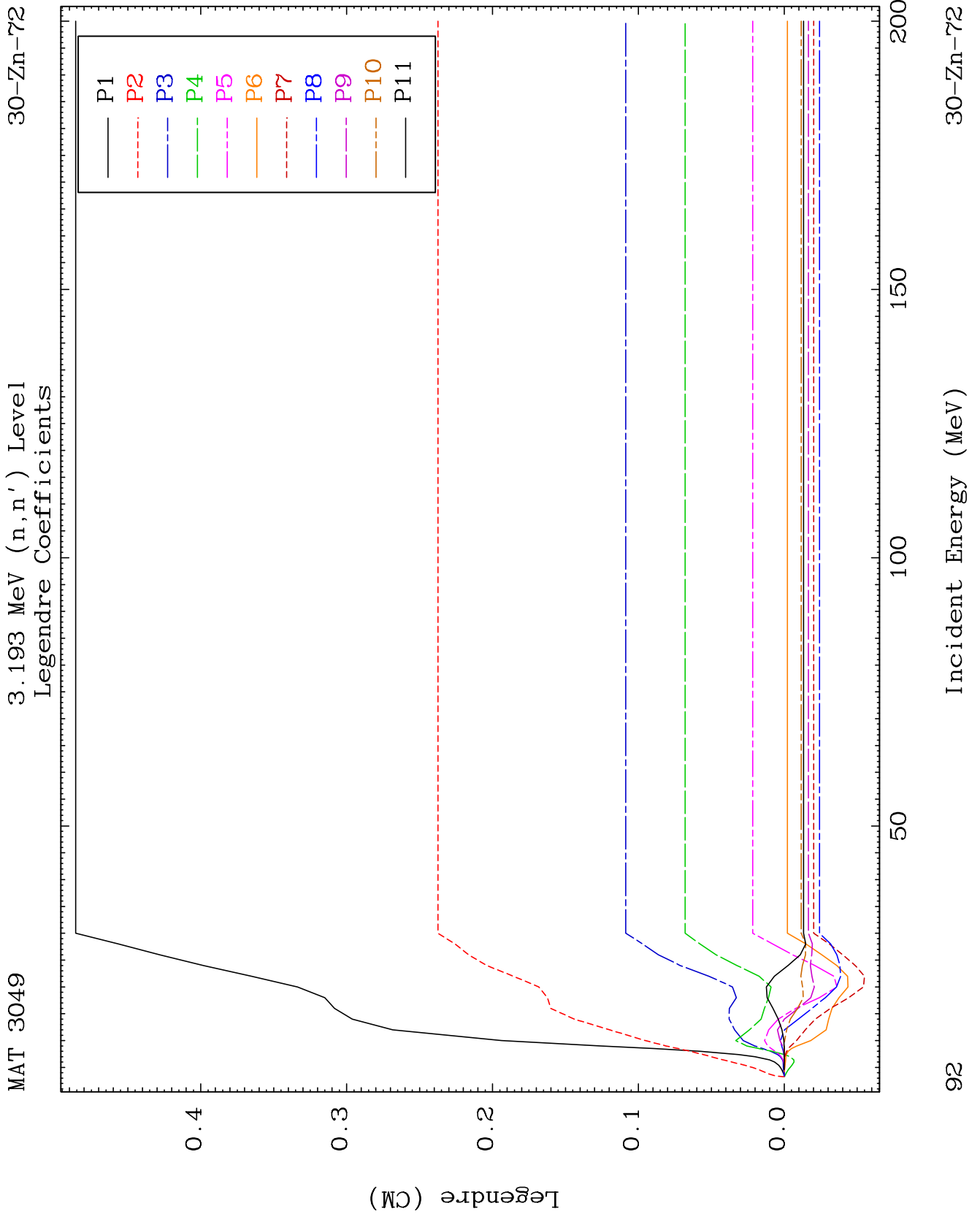


90

Incident Energy (MeV)

30-Zn-72

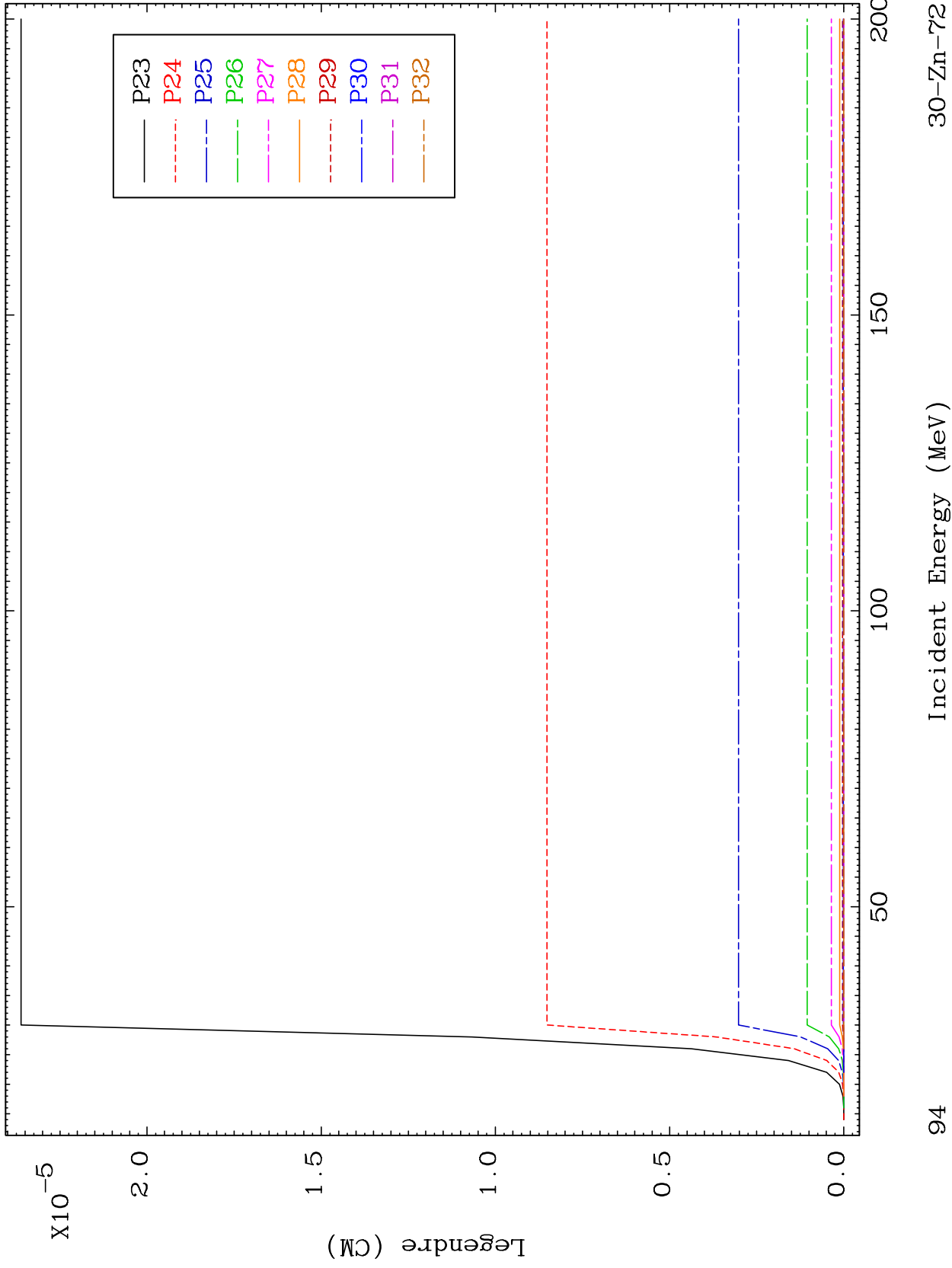




MAT 3049

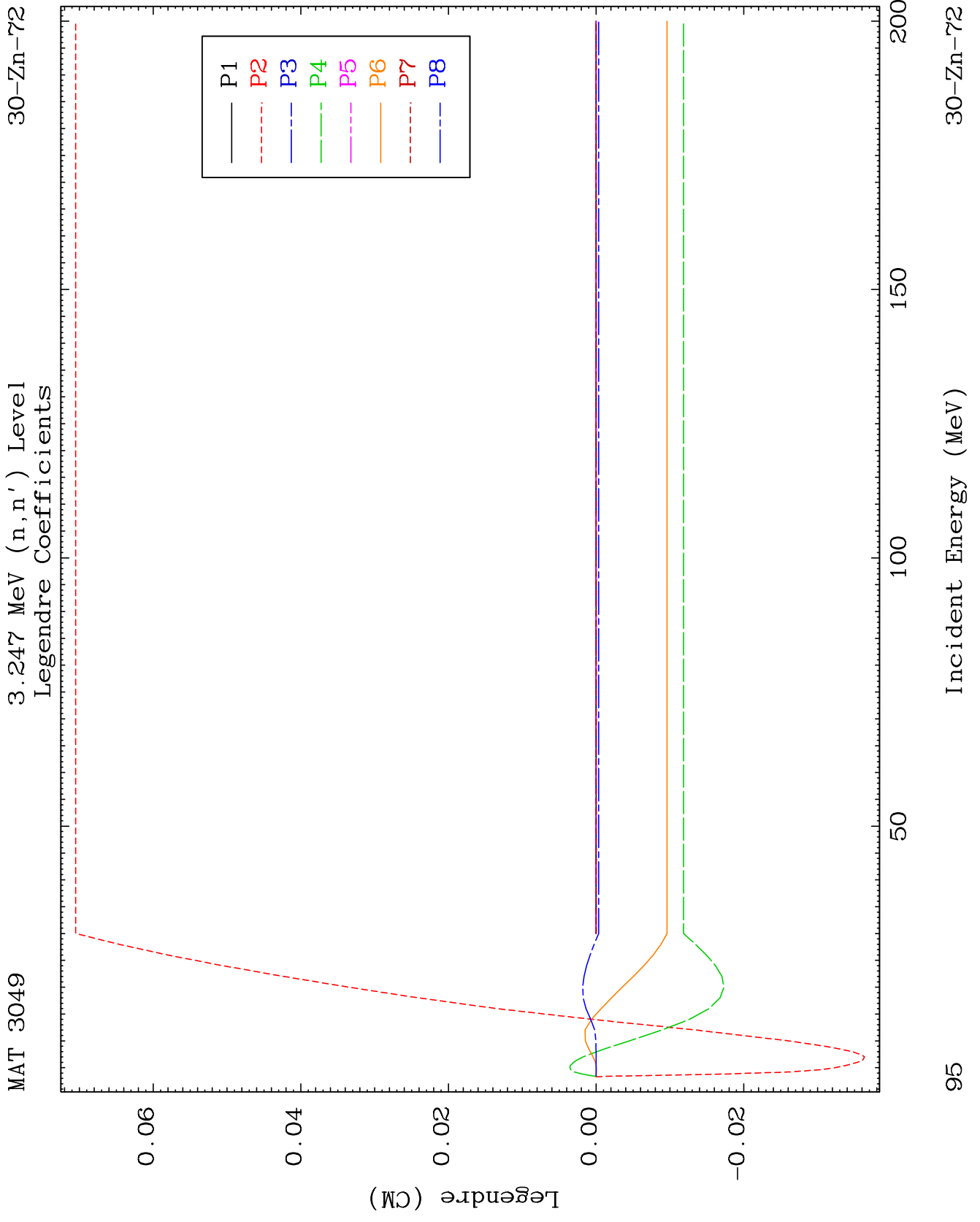
3.193 MeV (n,n') Level
Legendre Coefficients

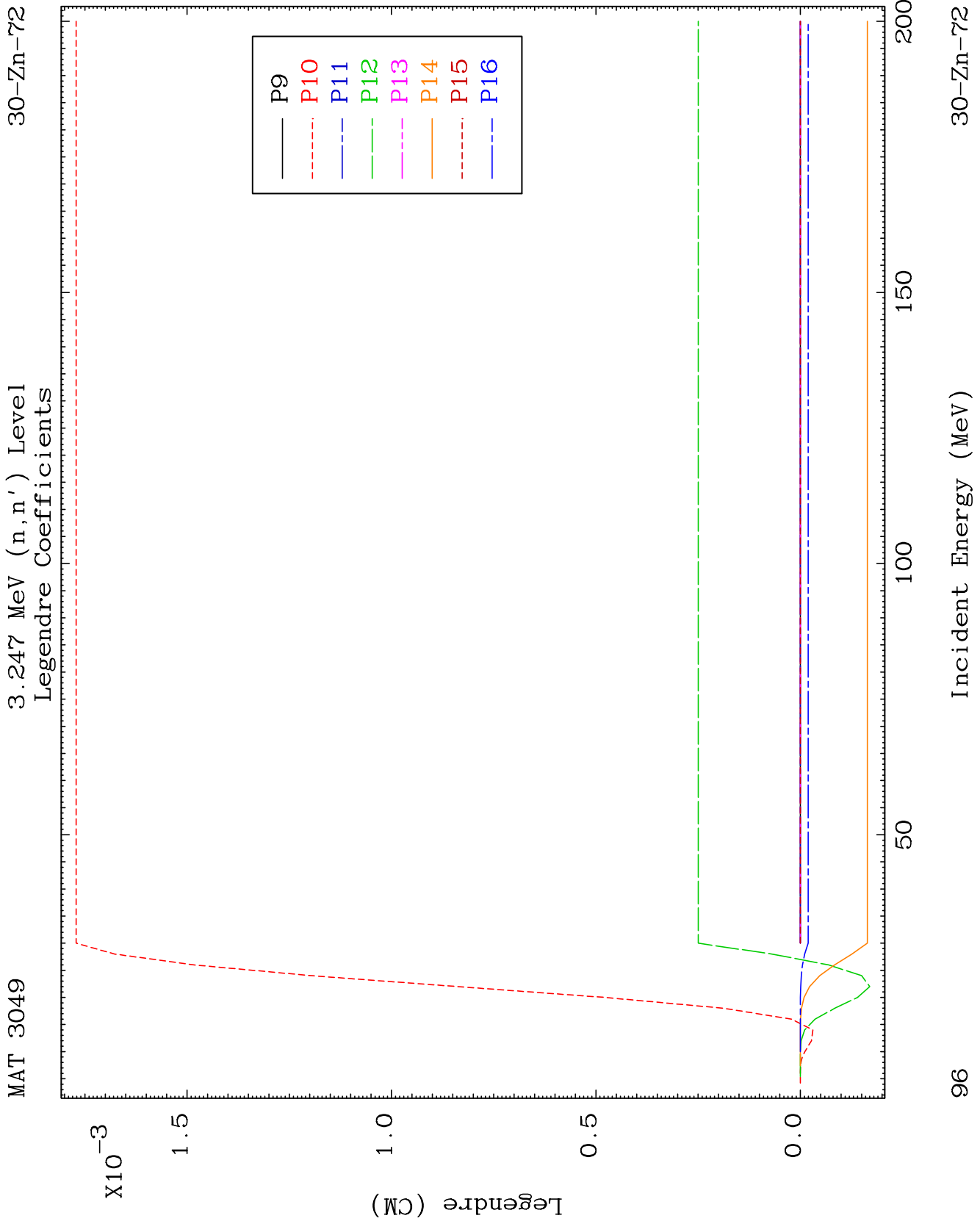
30-Zn-72

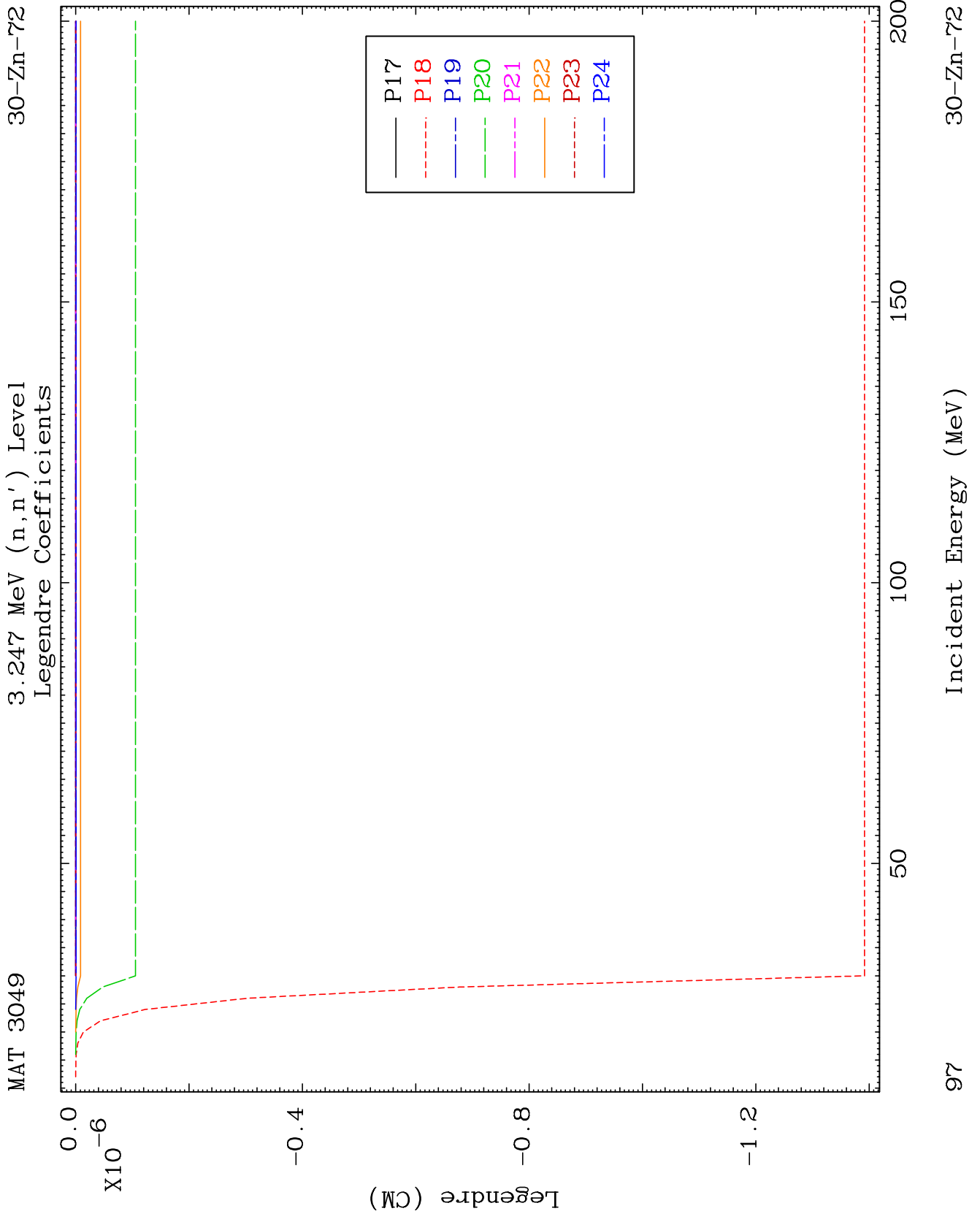


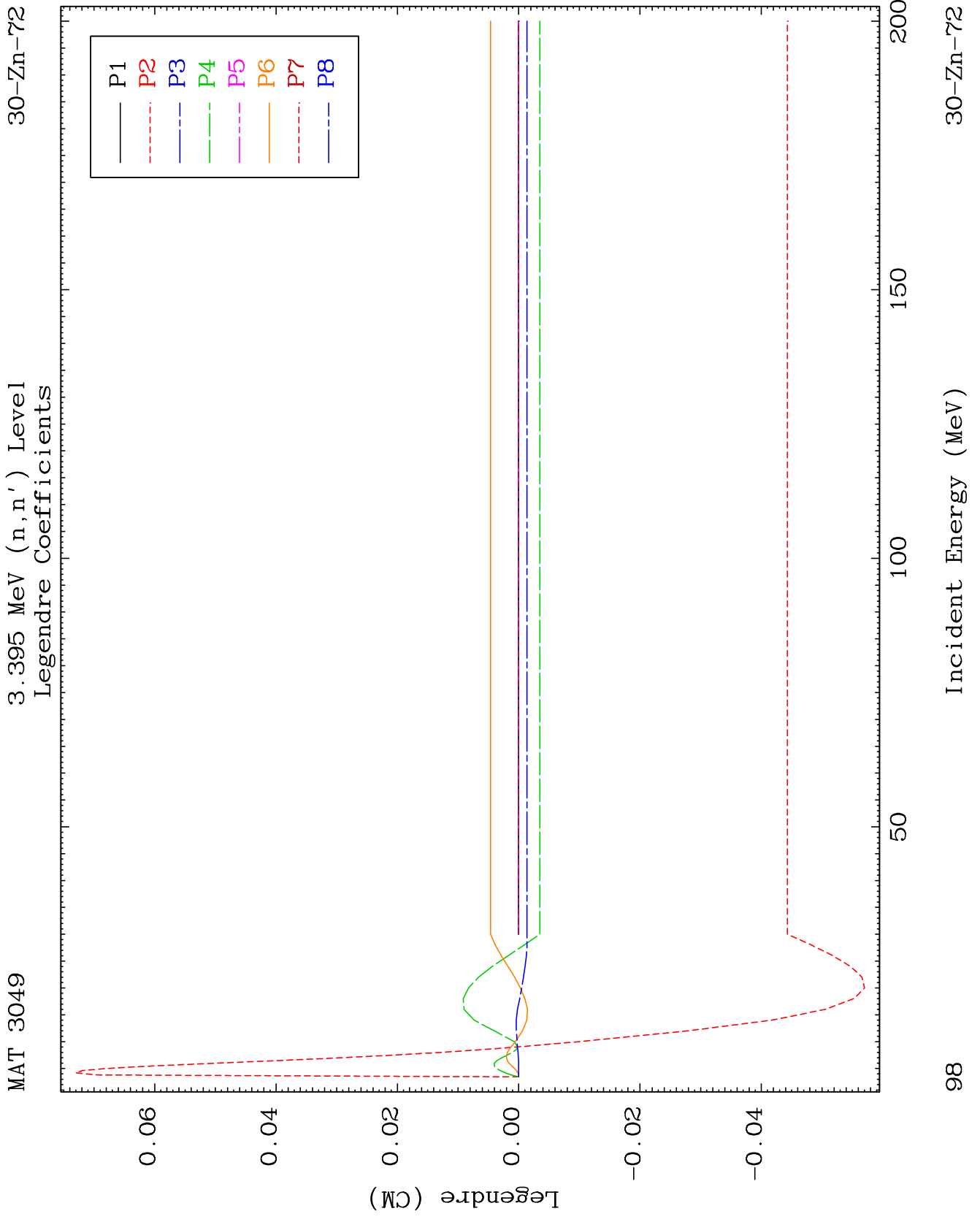
94

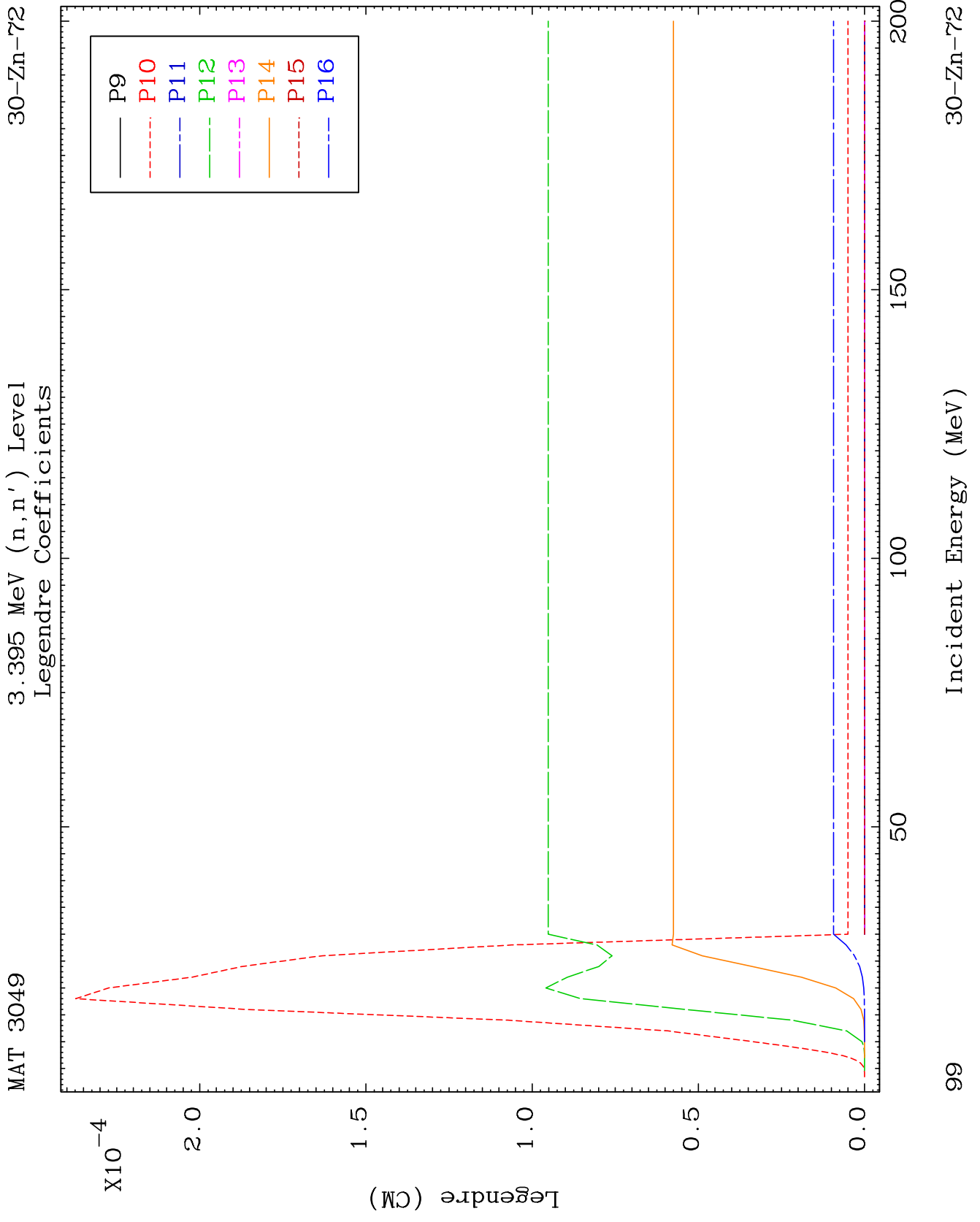
30-Zn-72

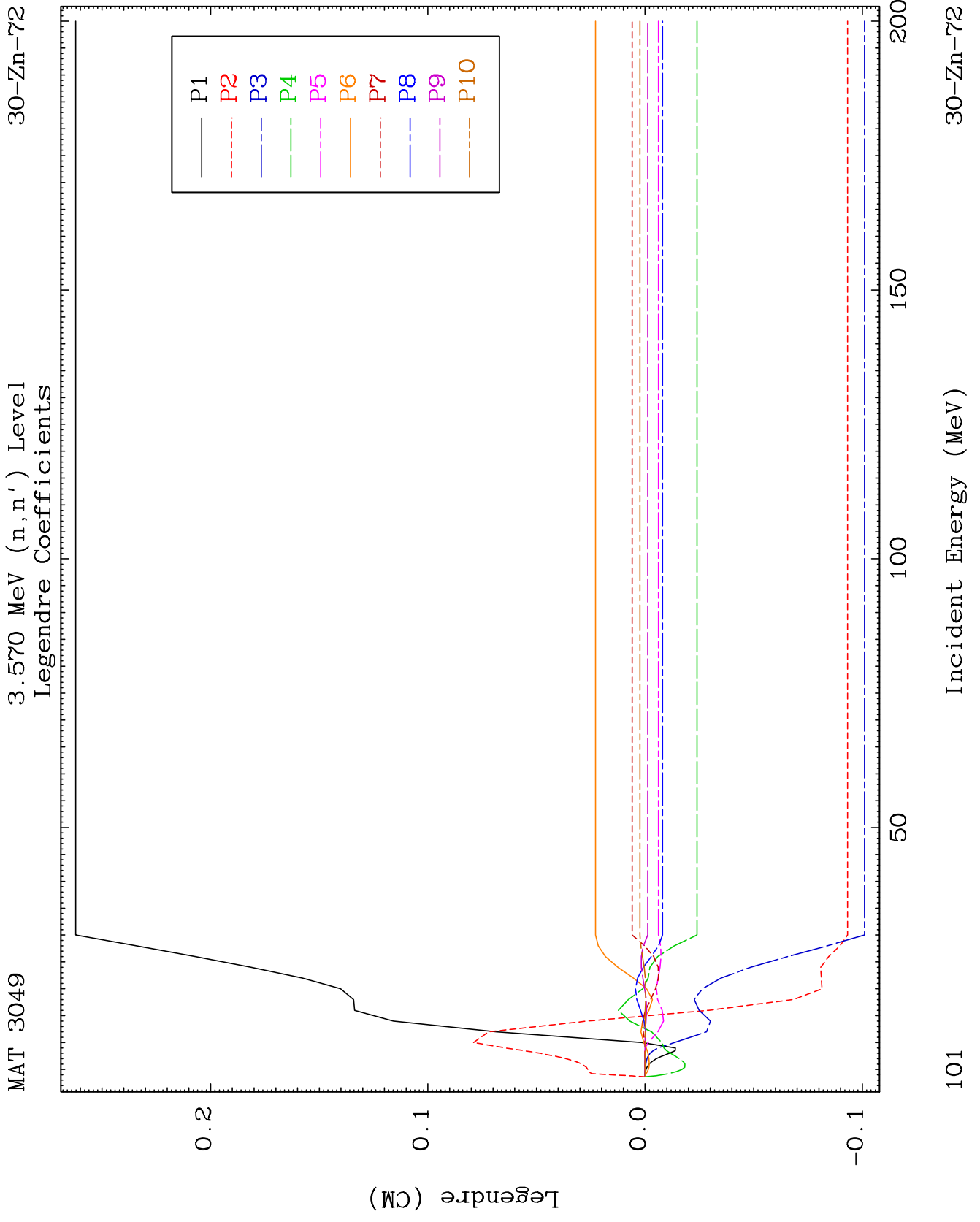


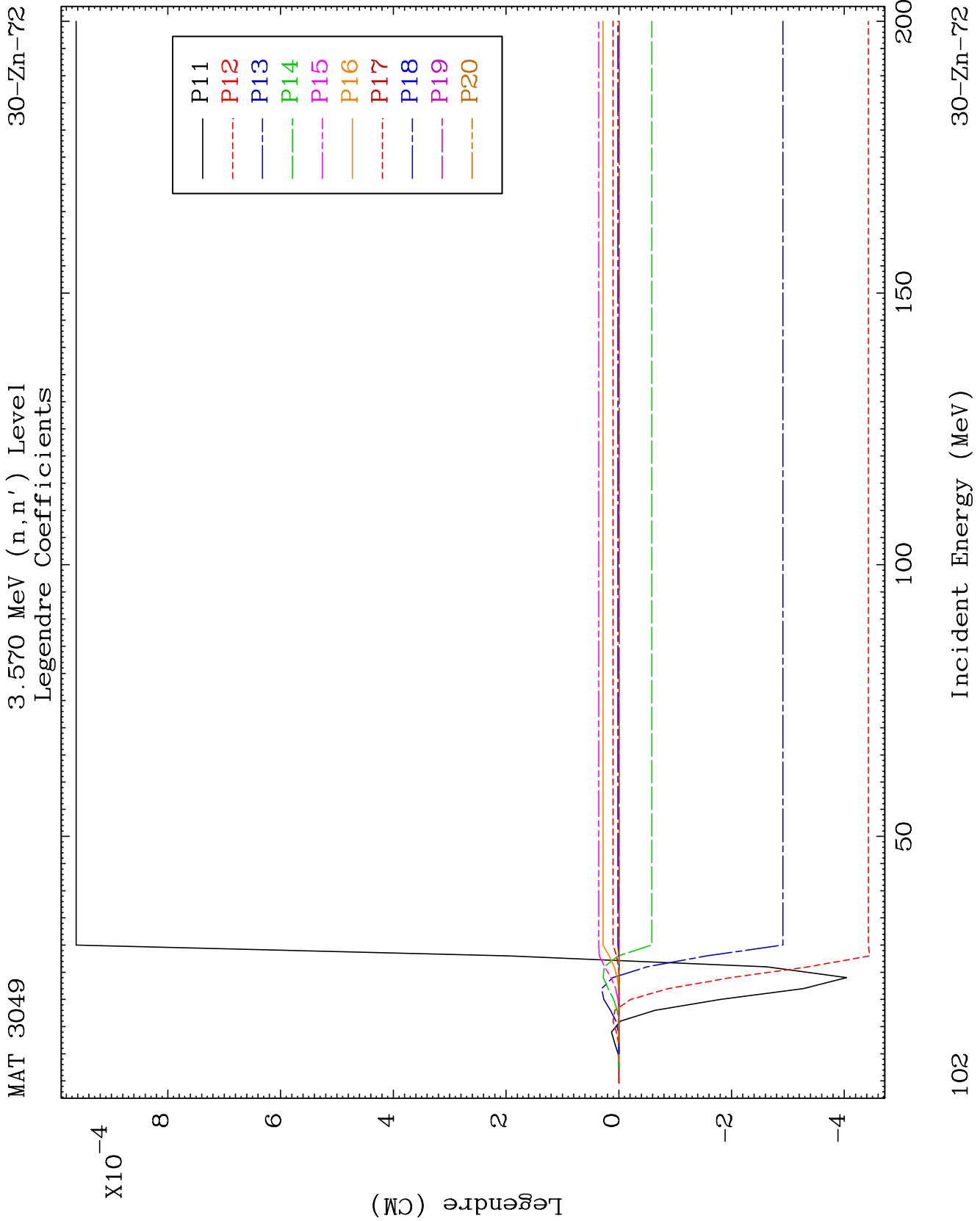


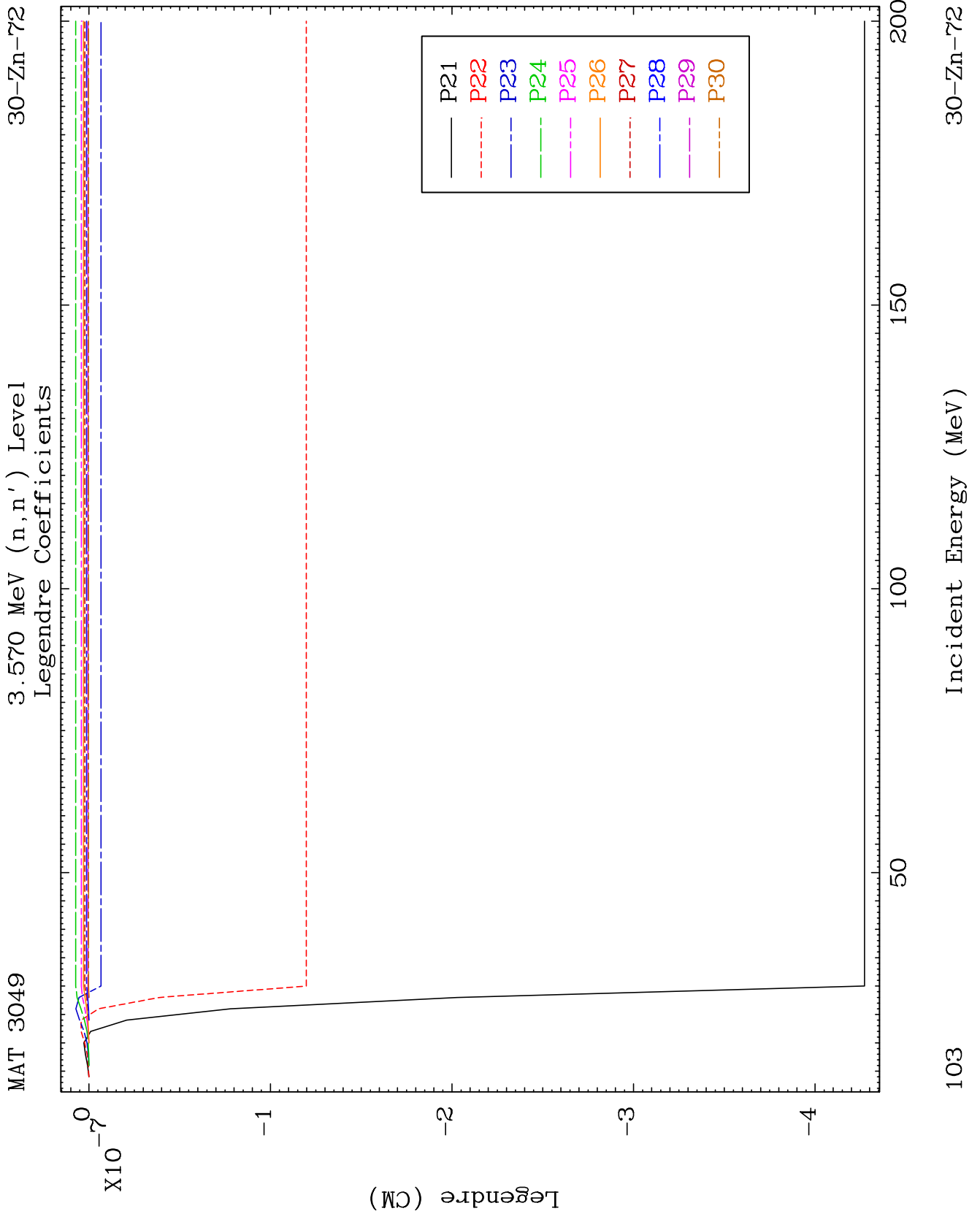


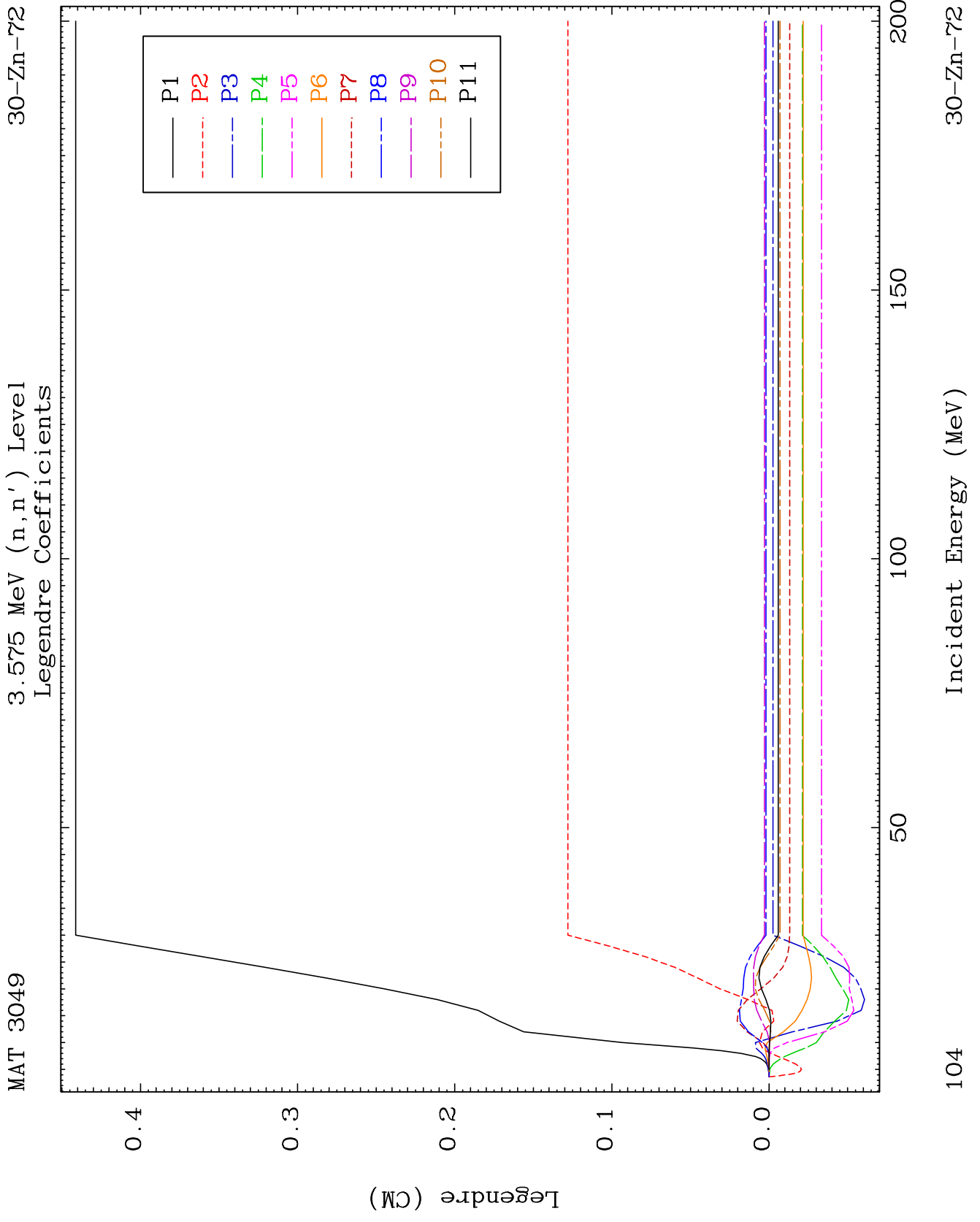


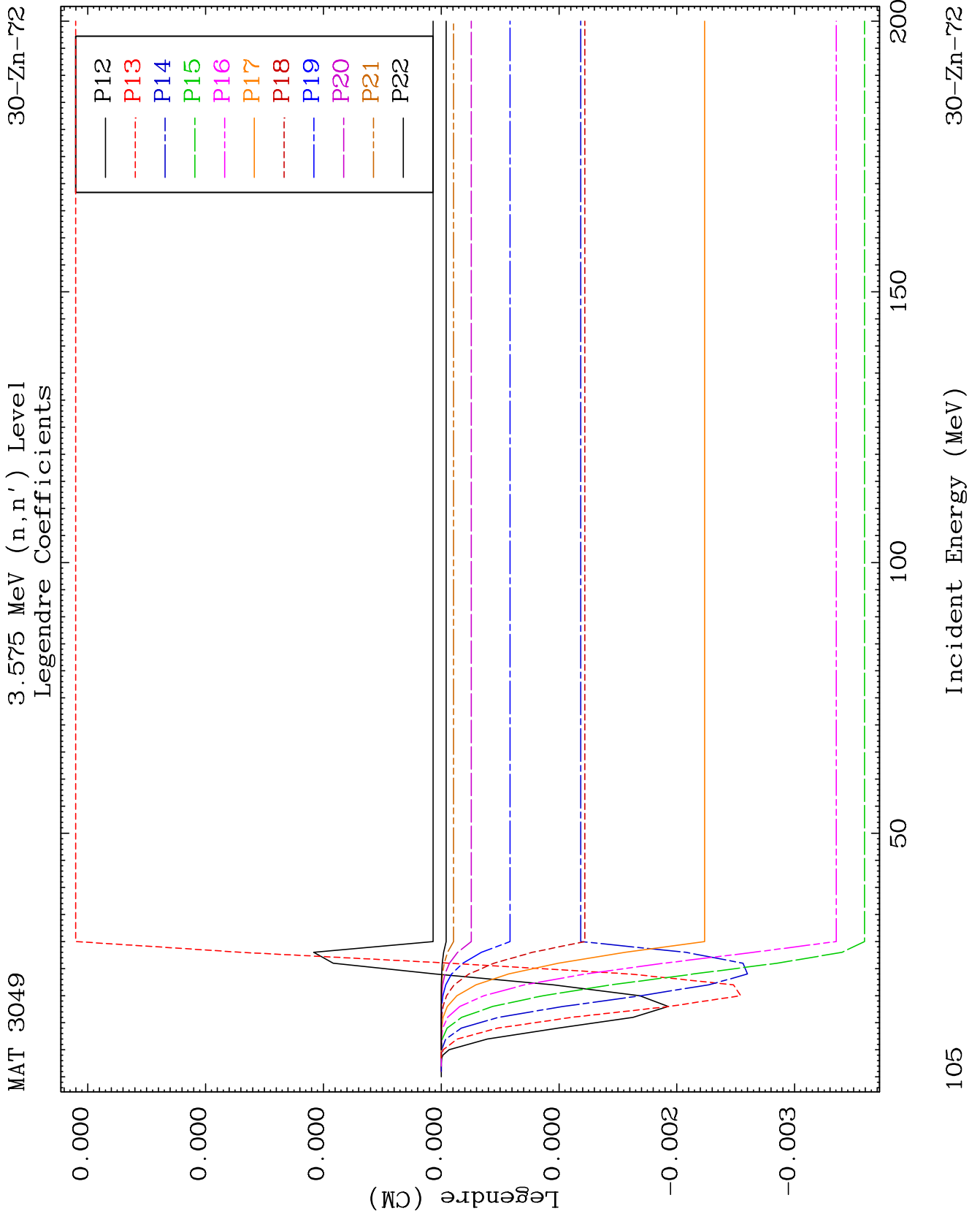


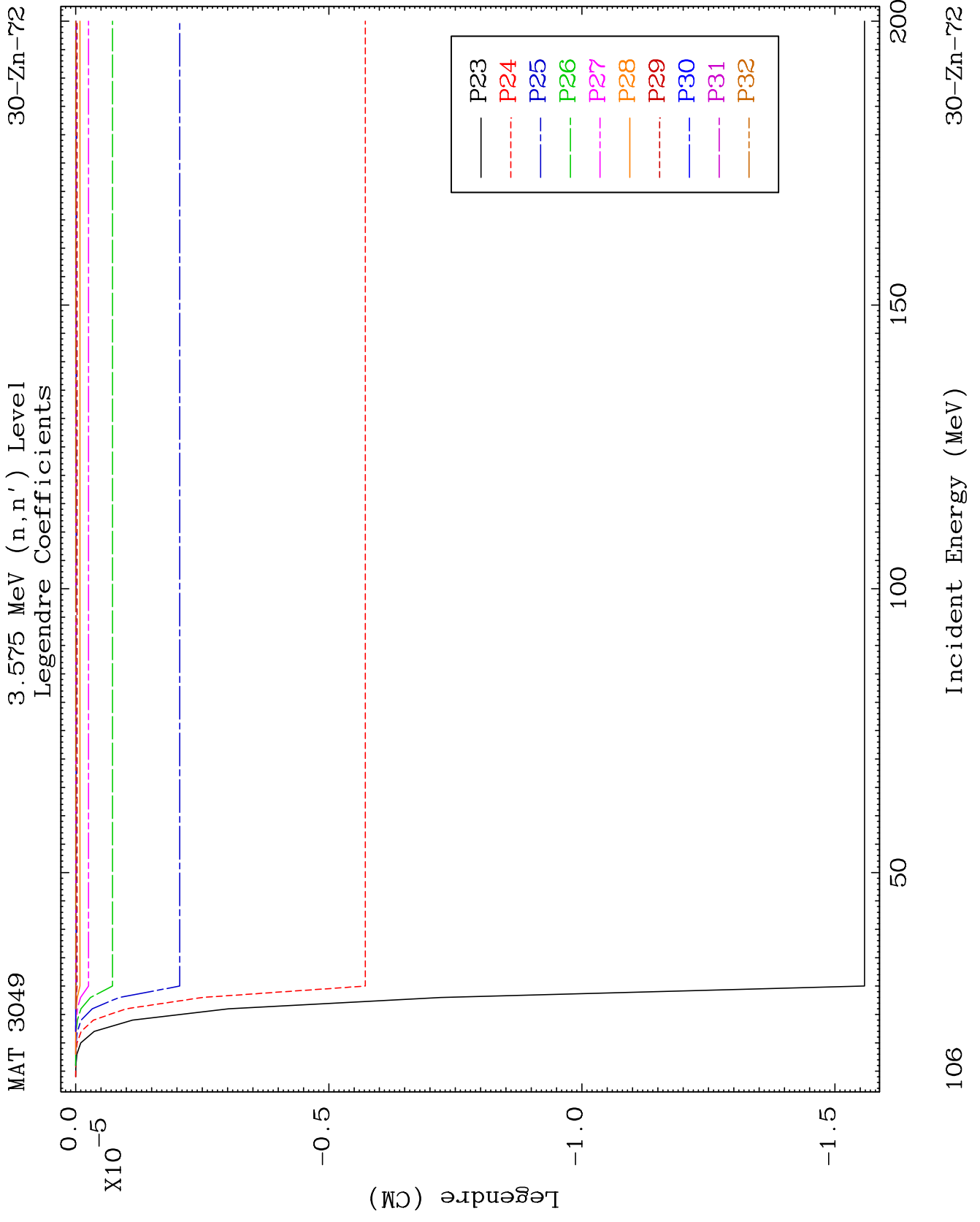


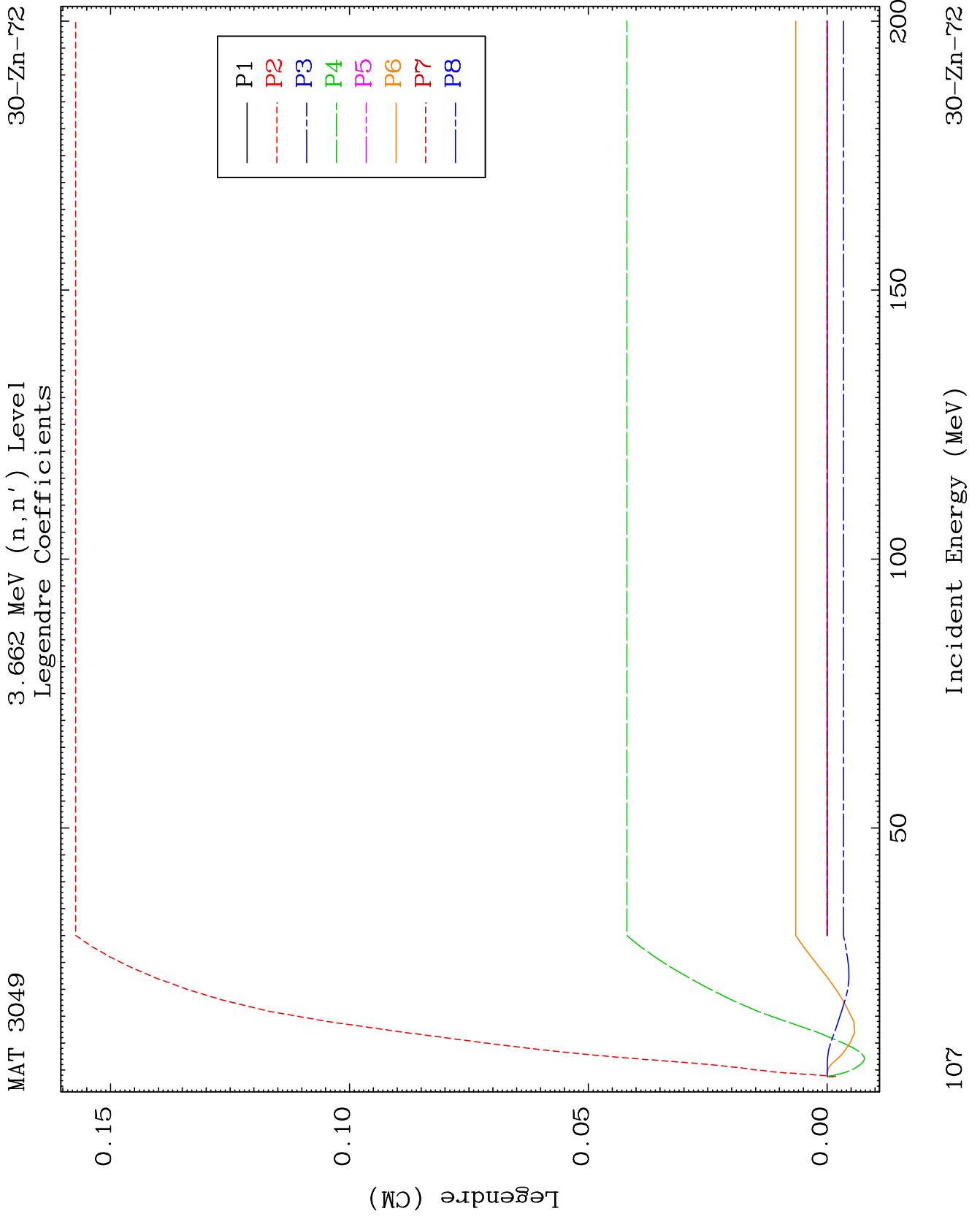


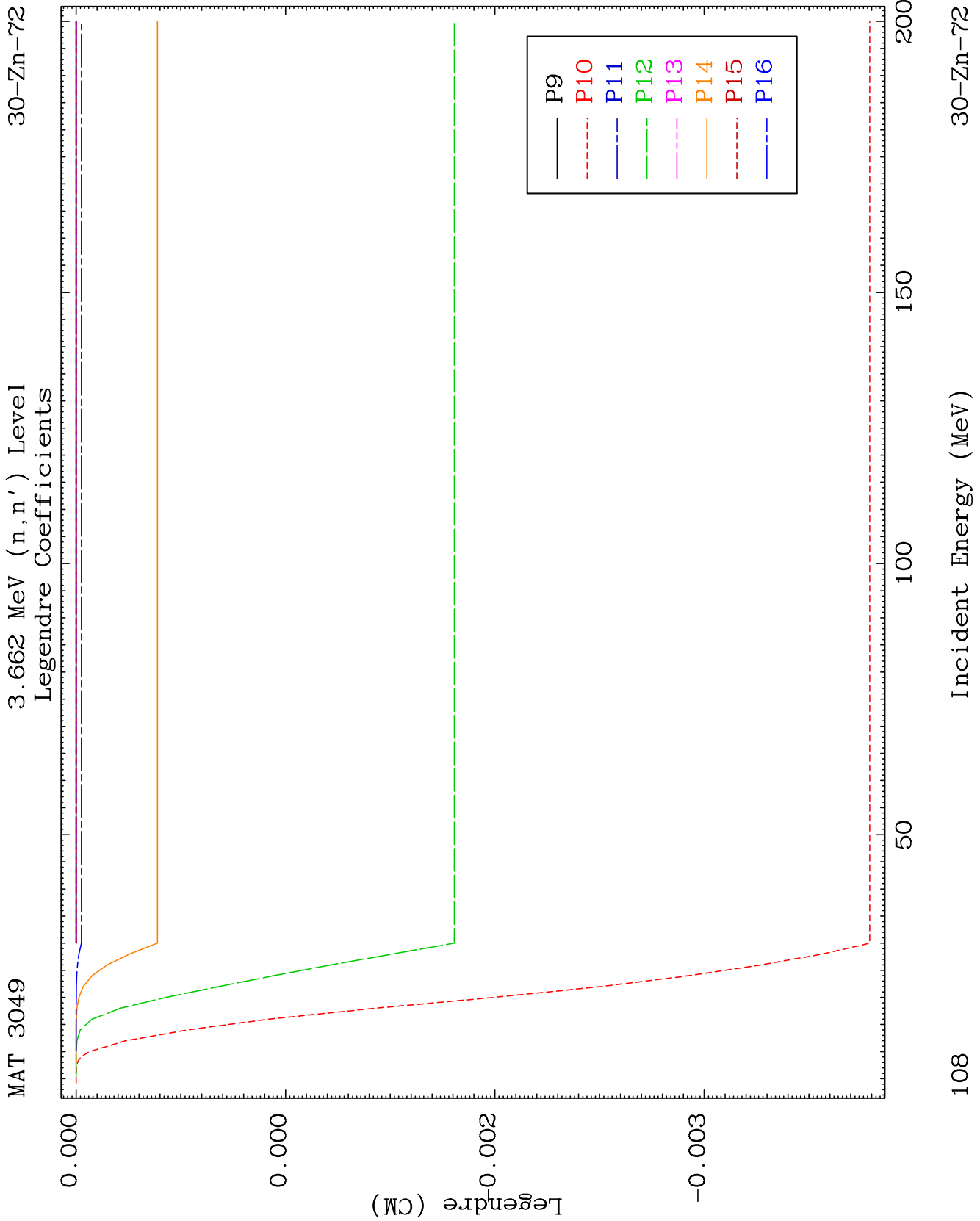


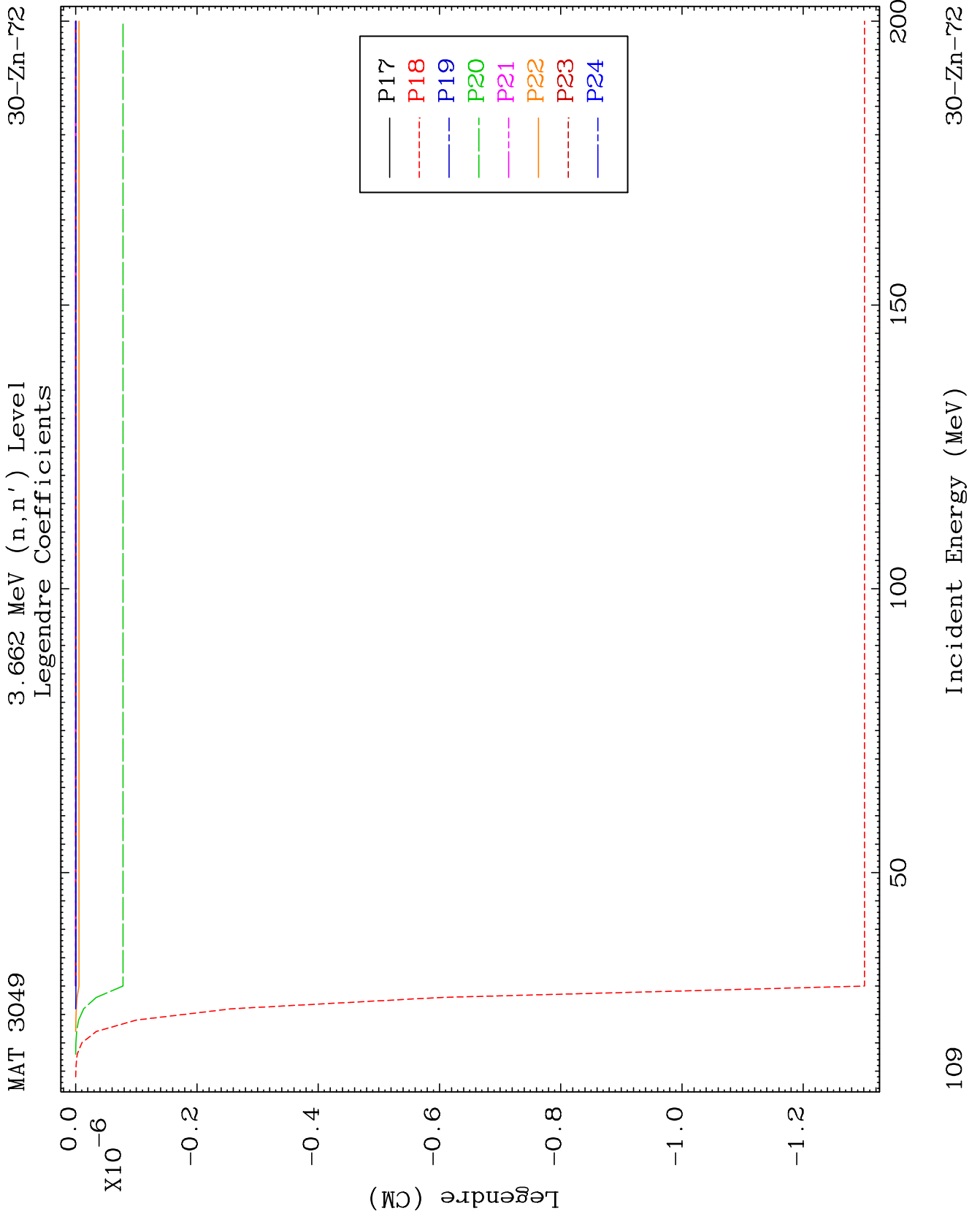


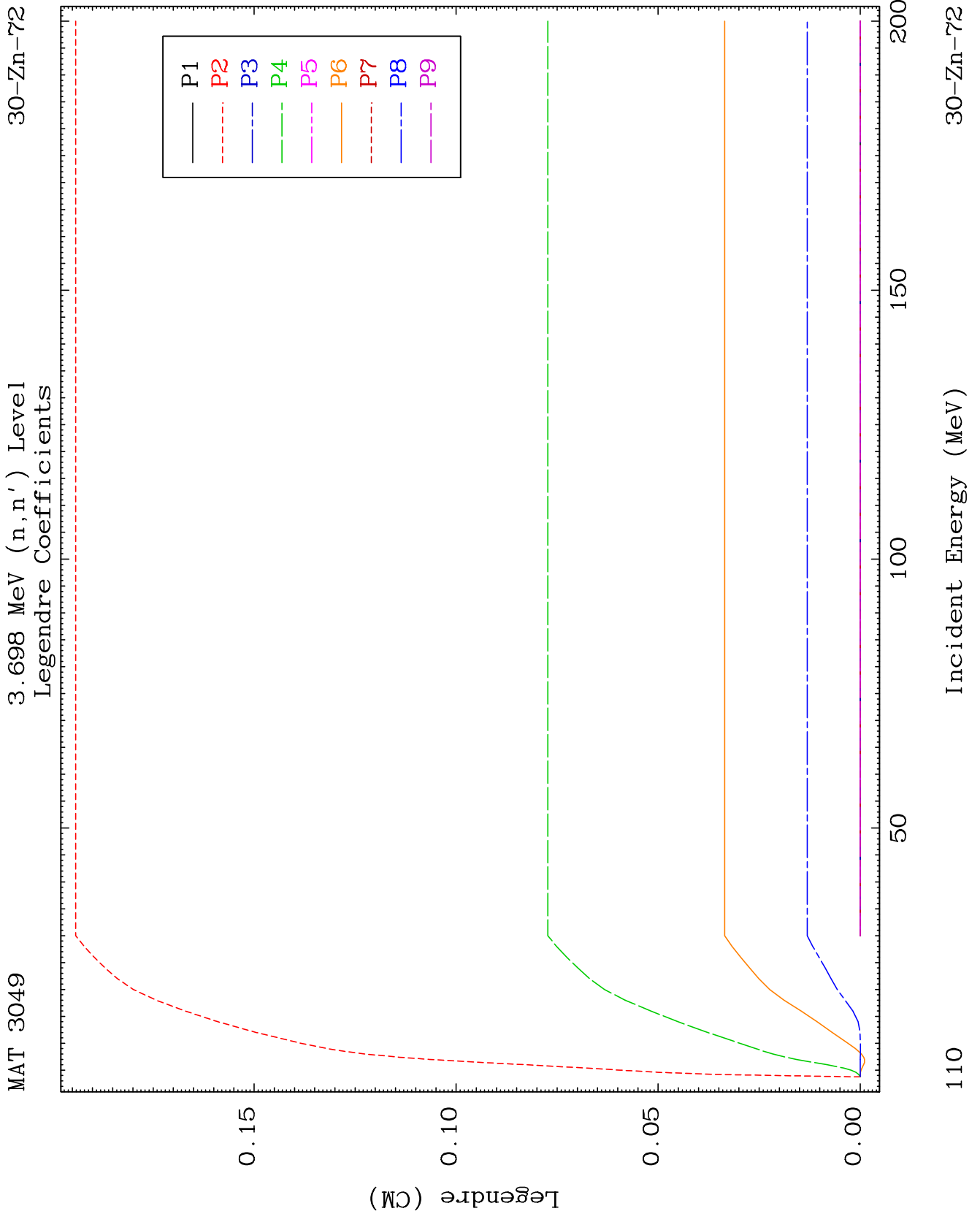








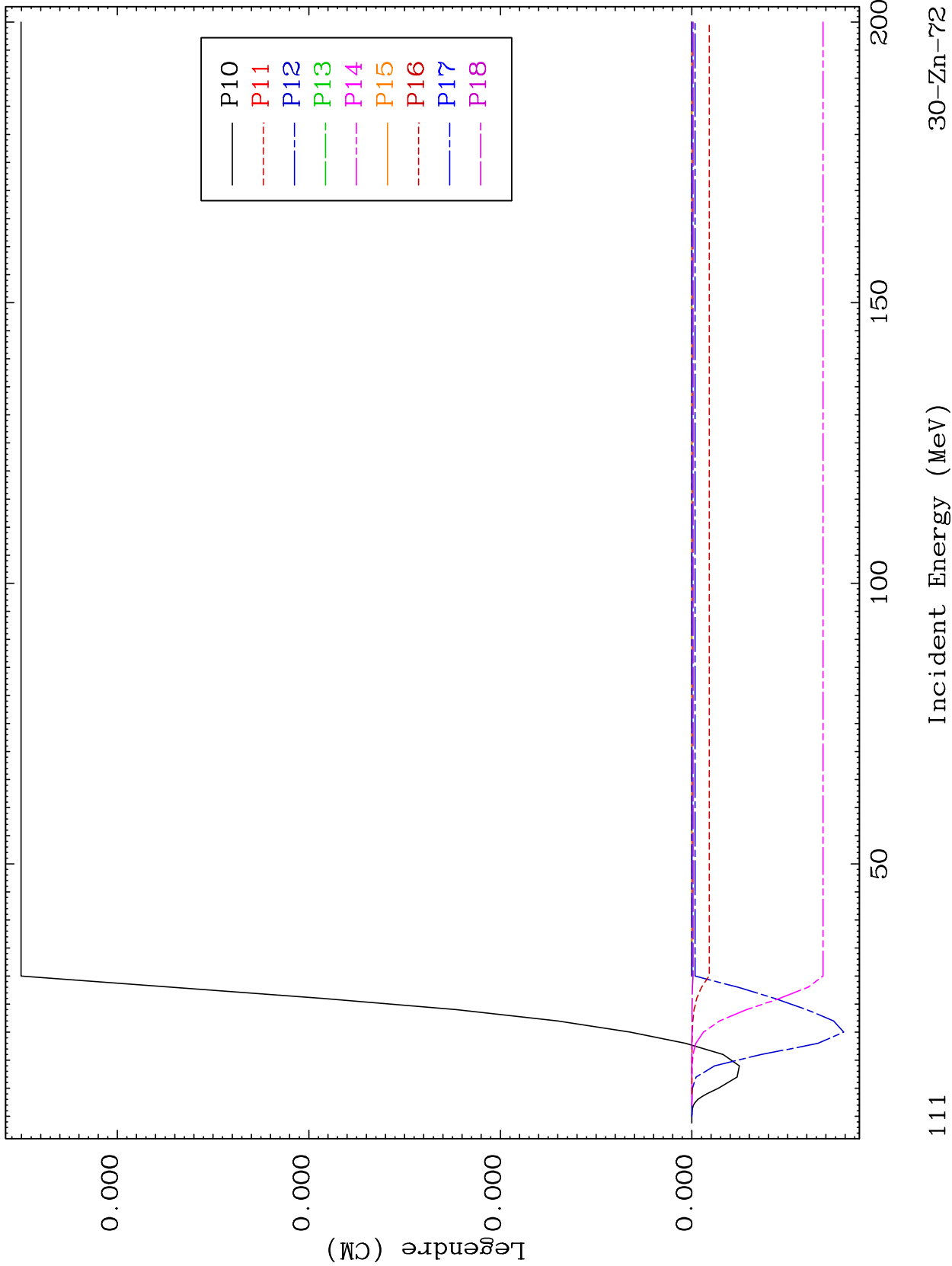


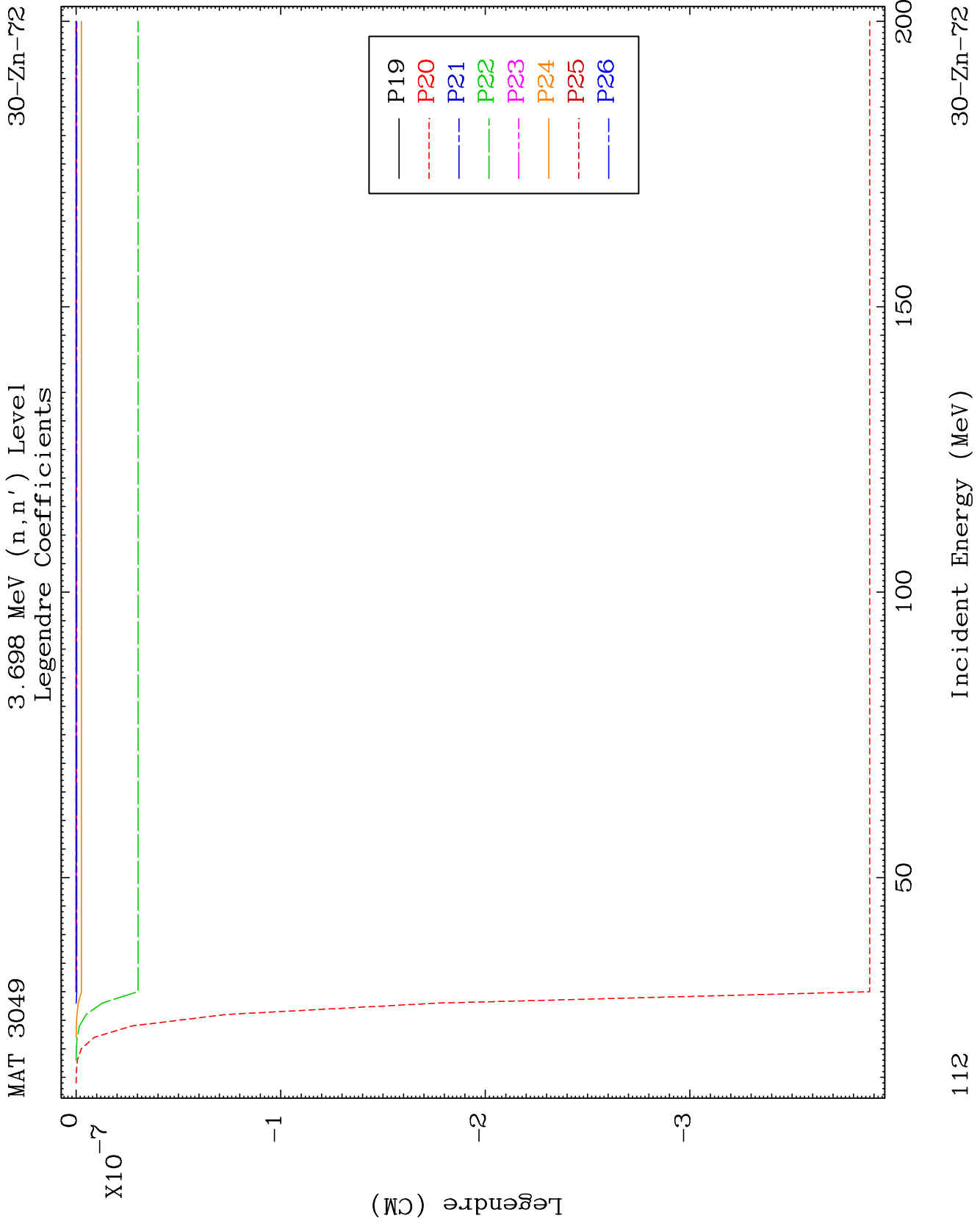


MAT 3049

3.698 MeV (n,n') Level
Legendre Coefficients

30-Zn-72

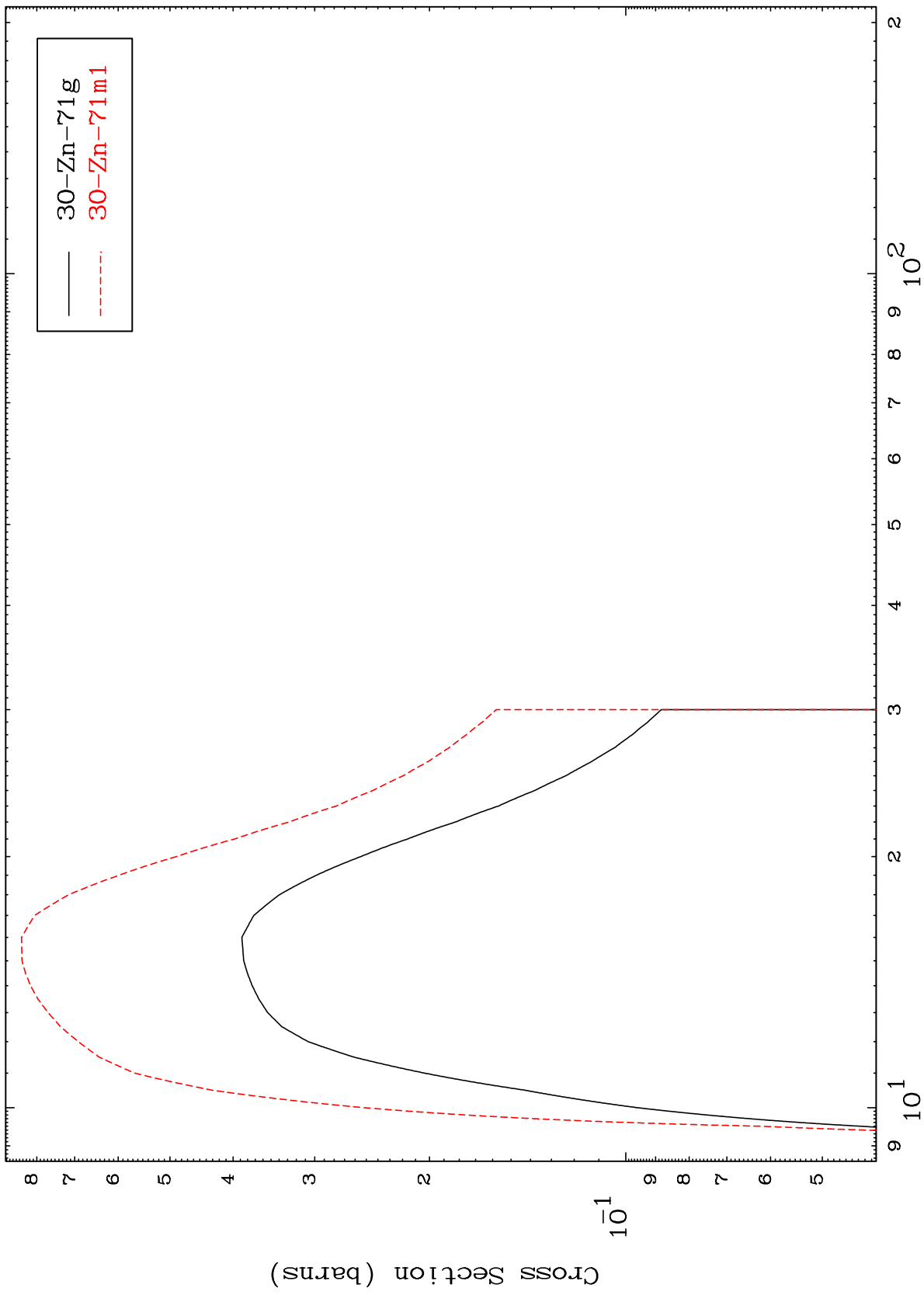




MAT 3049

30-Zn-72

(n,2n)
Radionuclide Production Cross Section

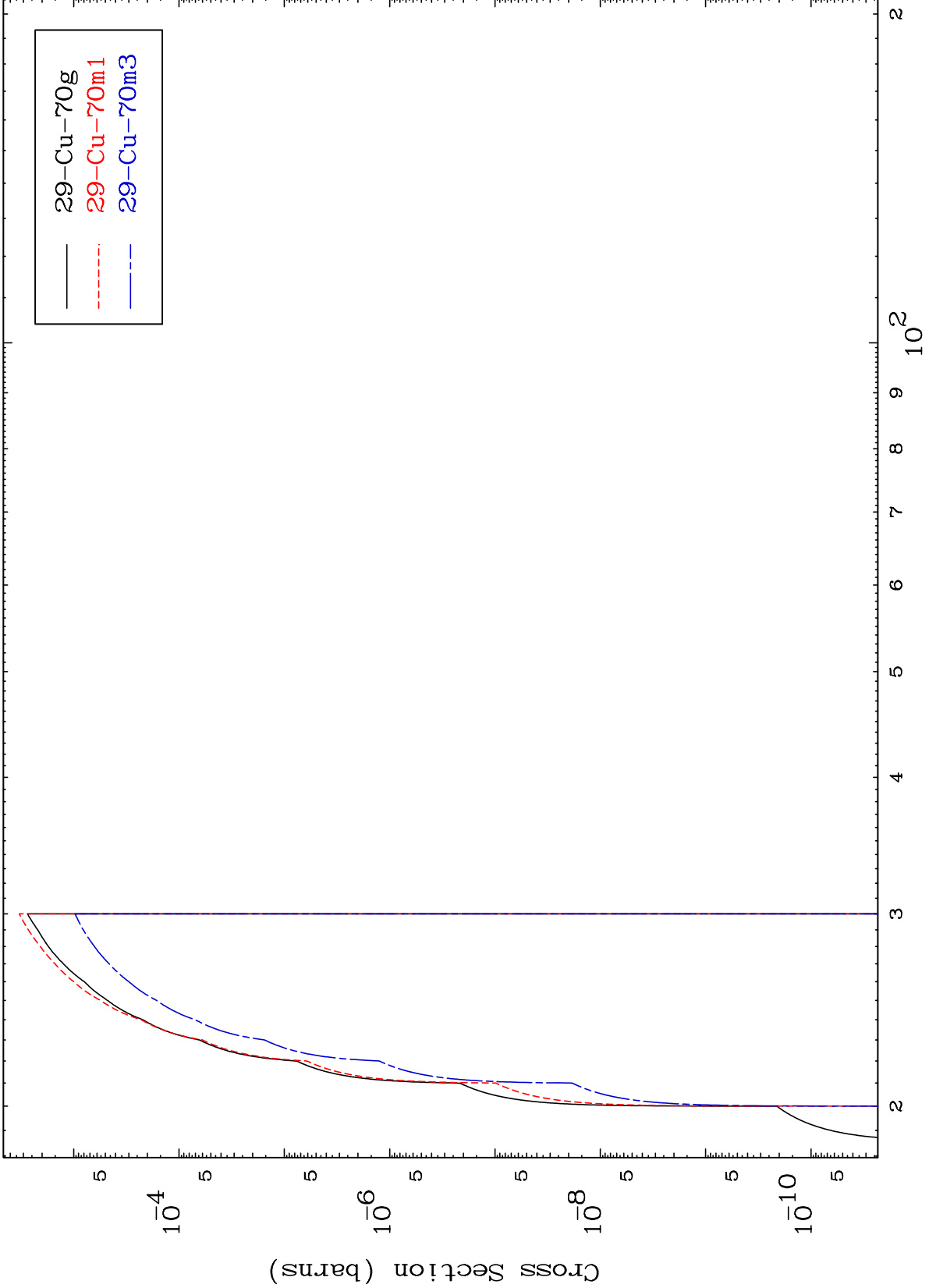


113

Incident Energy (MeV)

30-Zn-72

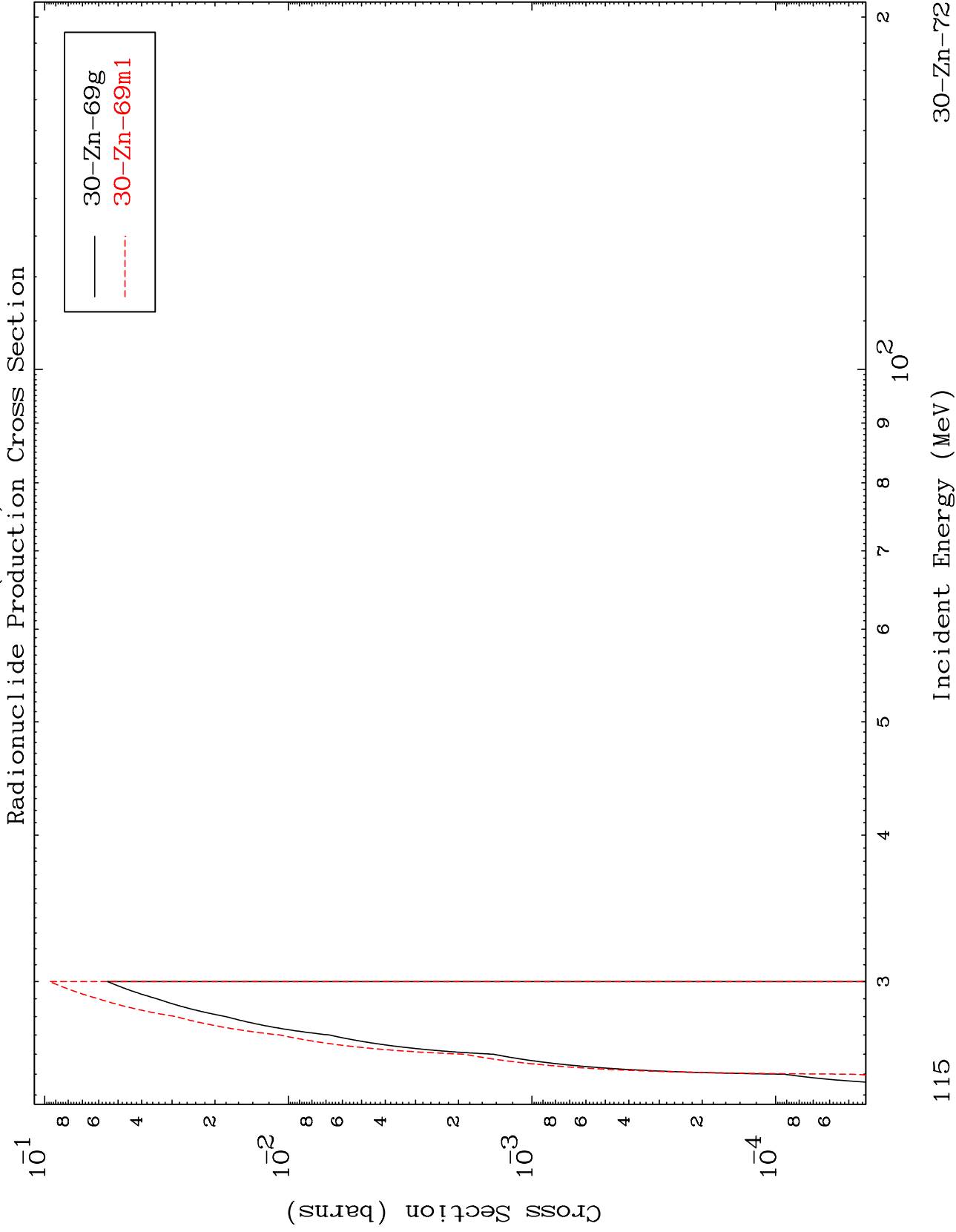
Radionuclide Production Cross Section



MAT 3049

(n,4n)

30-Zn-72

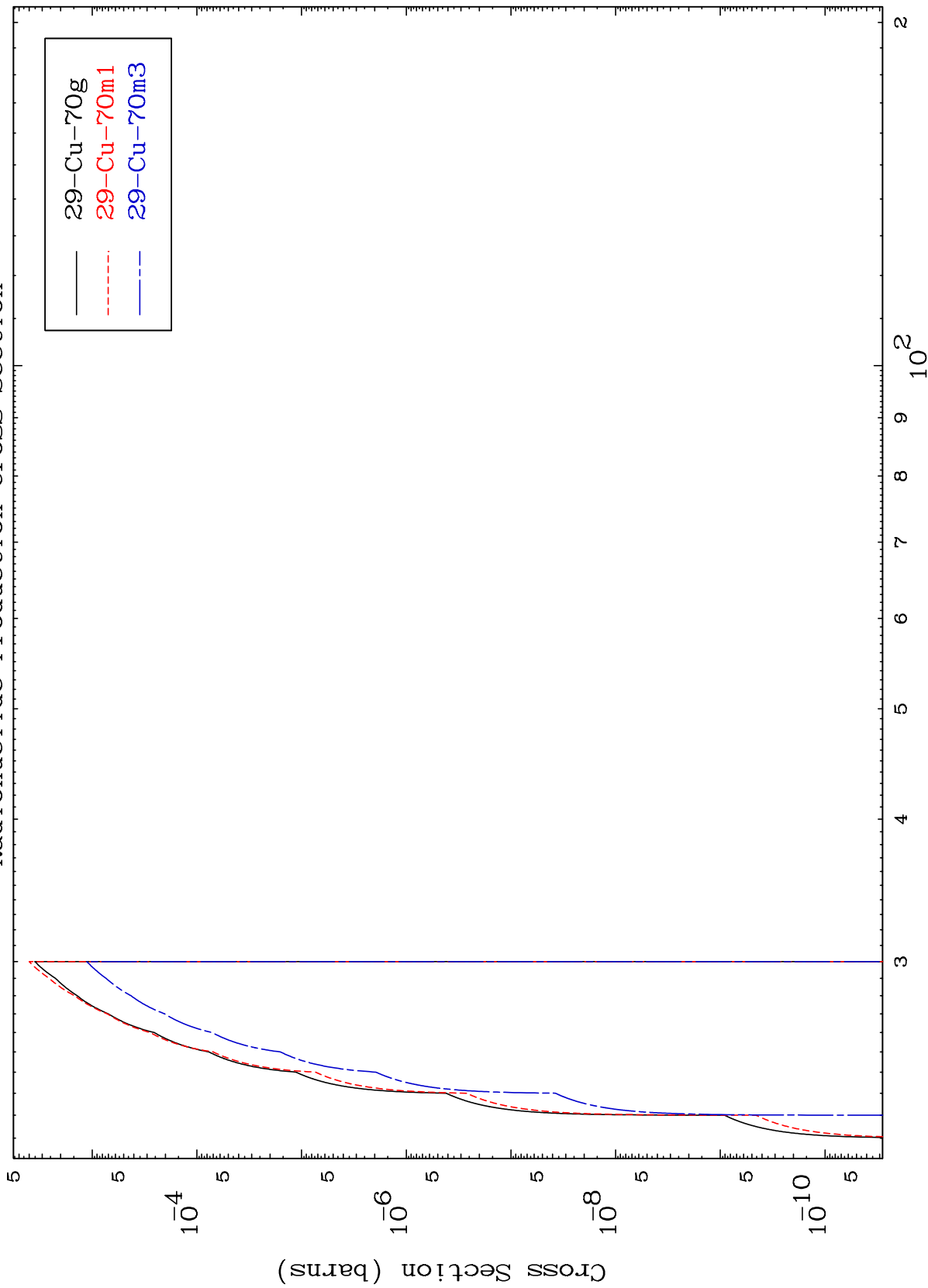


30-Zn-72

Incident Energy (MeV)

115

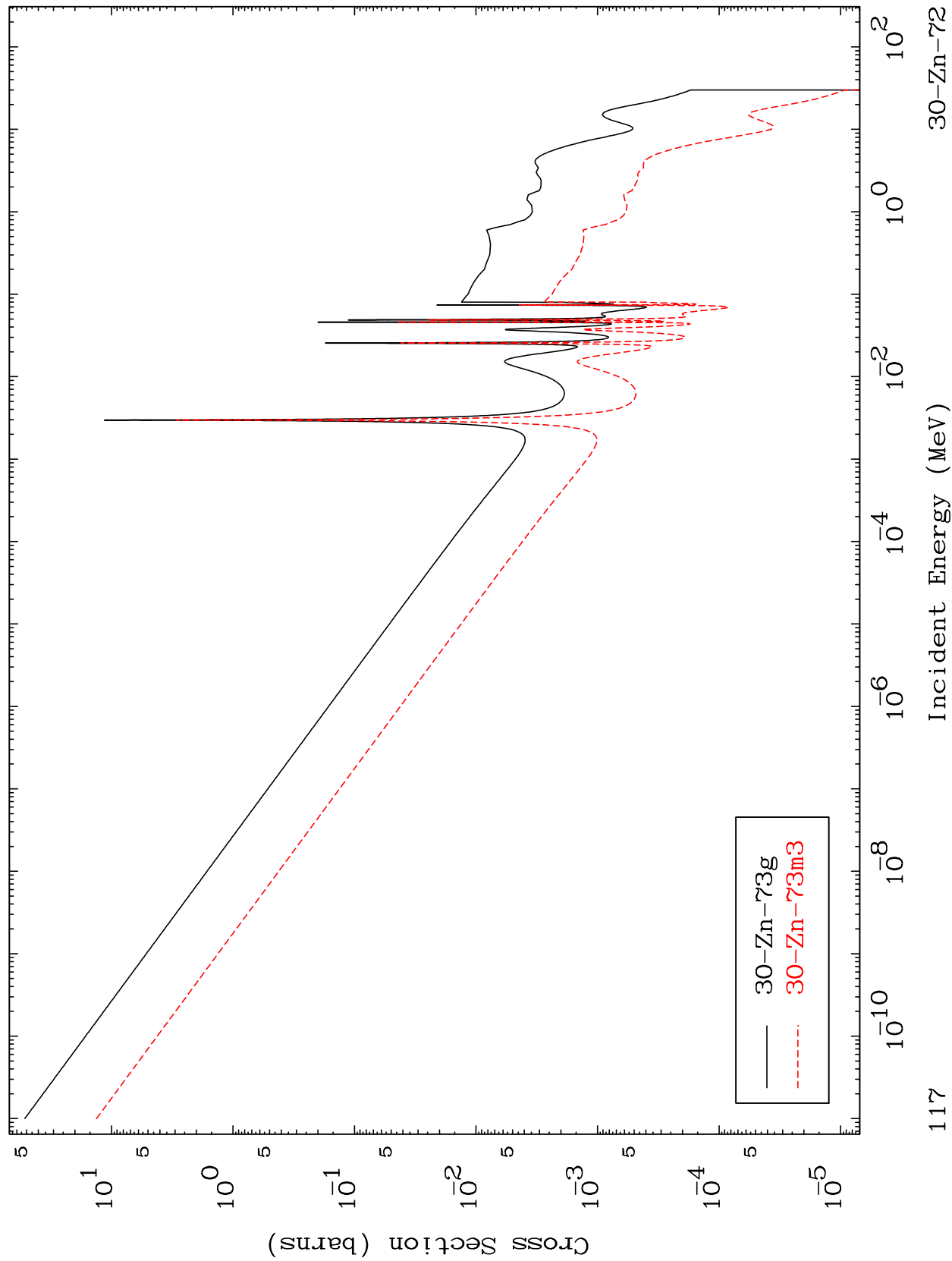
Radionuclide Production Cross Section



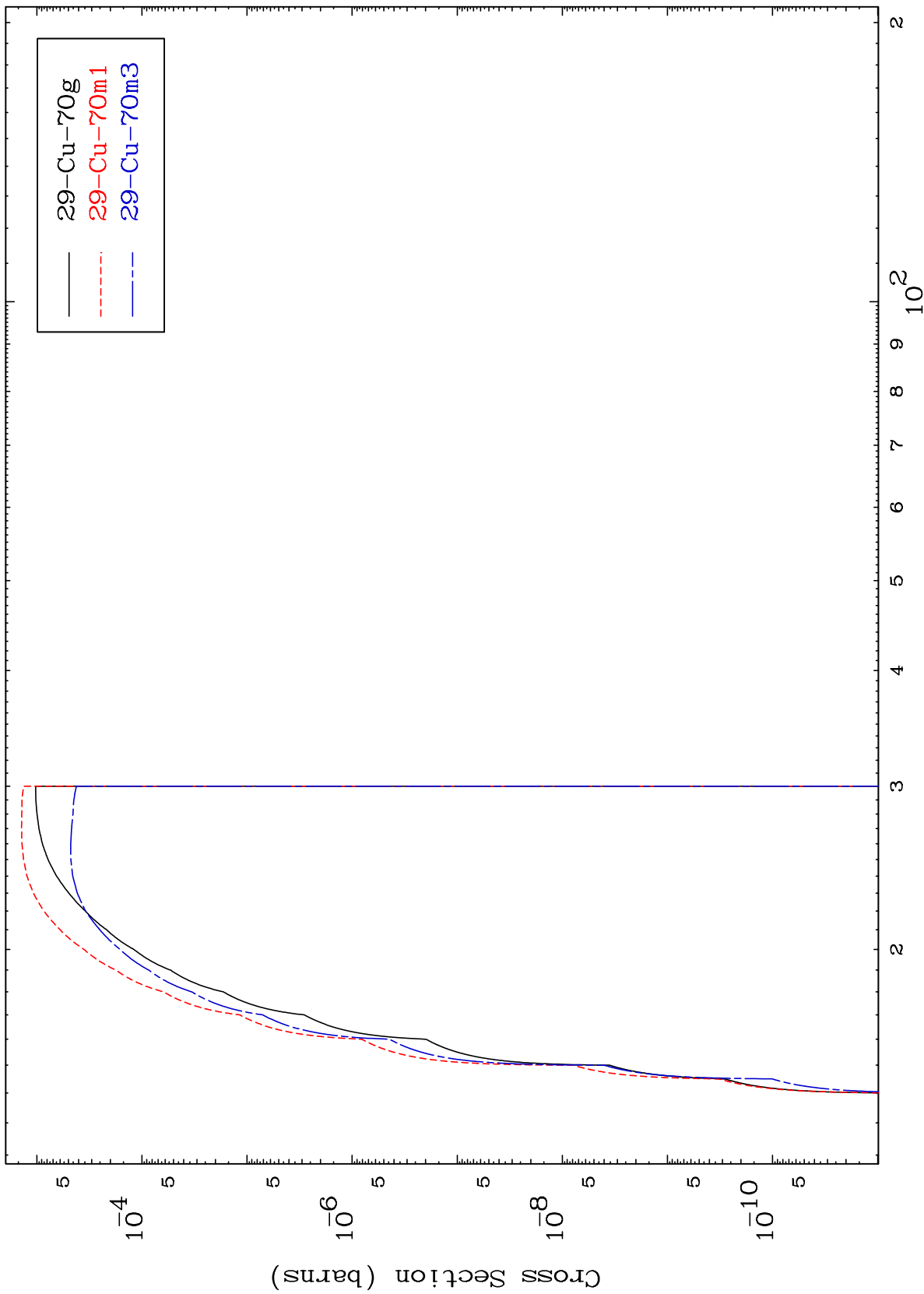
MAT 3049

30-Zn-72

(n, γ)
Radionuclide Production Cross Section



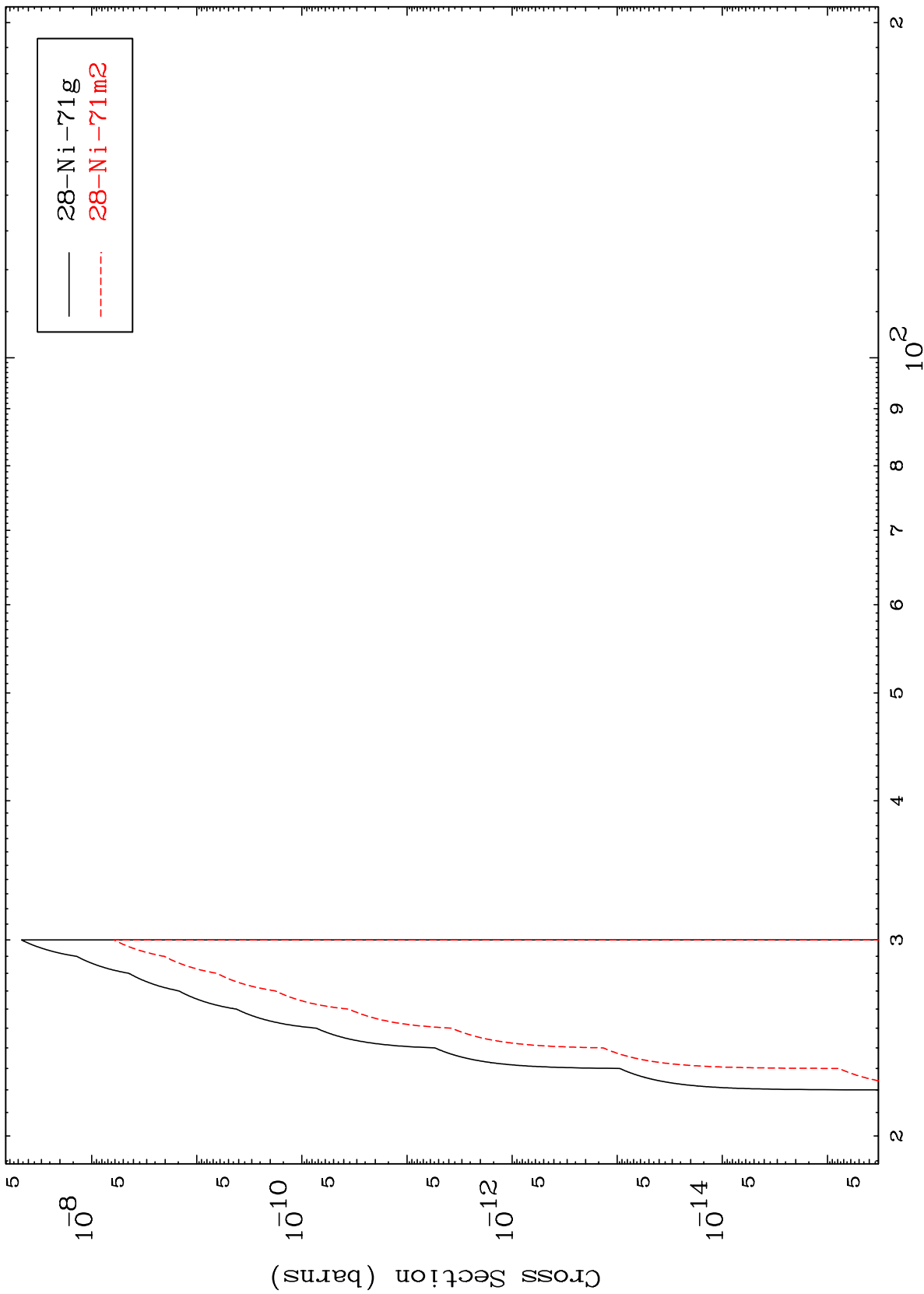
Radionuclide Production Cross Section



MAT 3049

30-Zn-72

(n,2p)
Radionuclide Production Cross Section



119

30-Zn-72

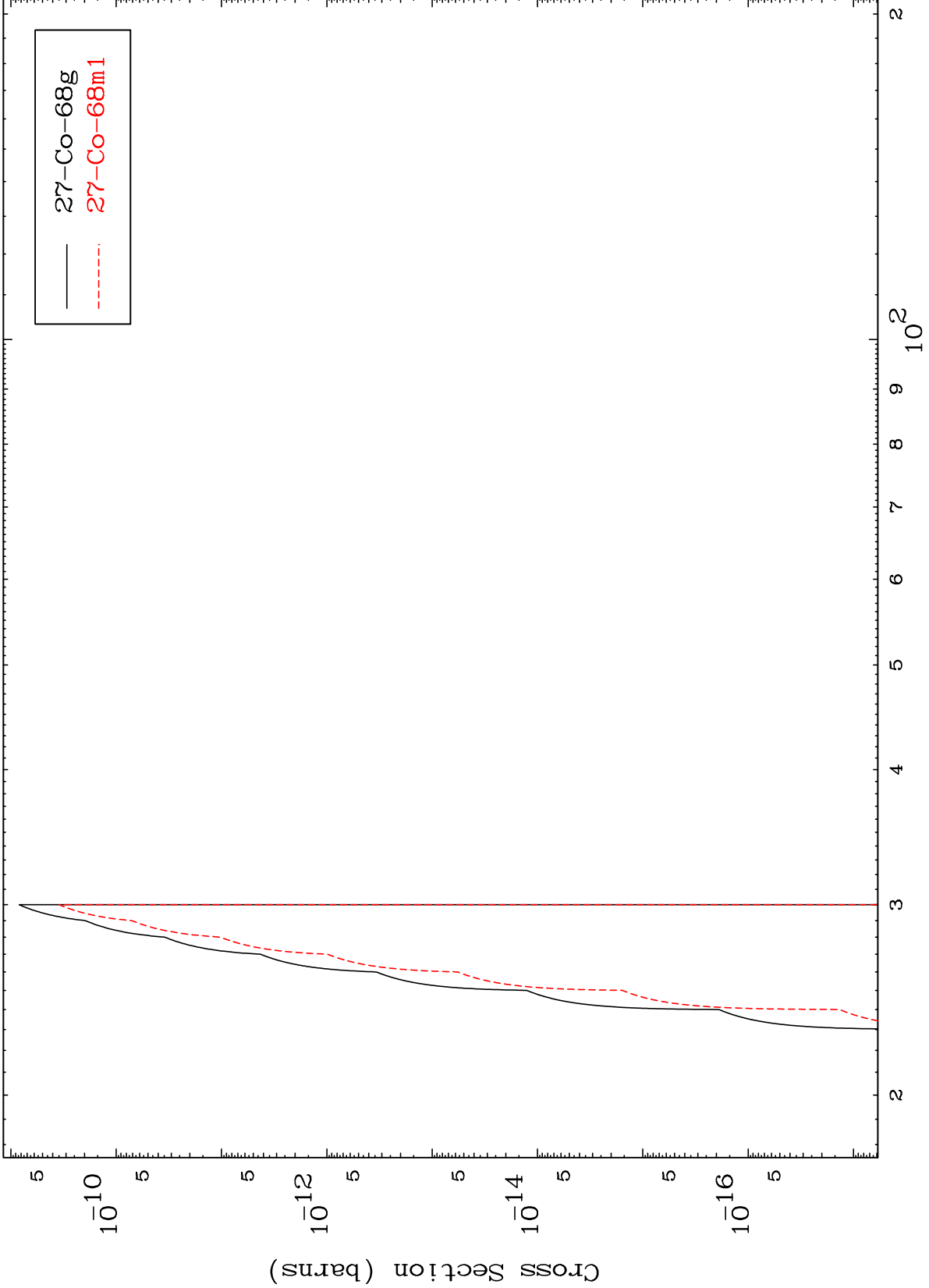
Incident Energy (MeV)

MAT 3049

(n,p) α

30-Zn-72

Radionuclide Production Cross Section



27-Co-68g
27-Co-68m1

120

Incident Energy (MeV)

30-Zn-72