

Program EVALPLOT
(Version 2021-1)

by

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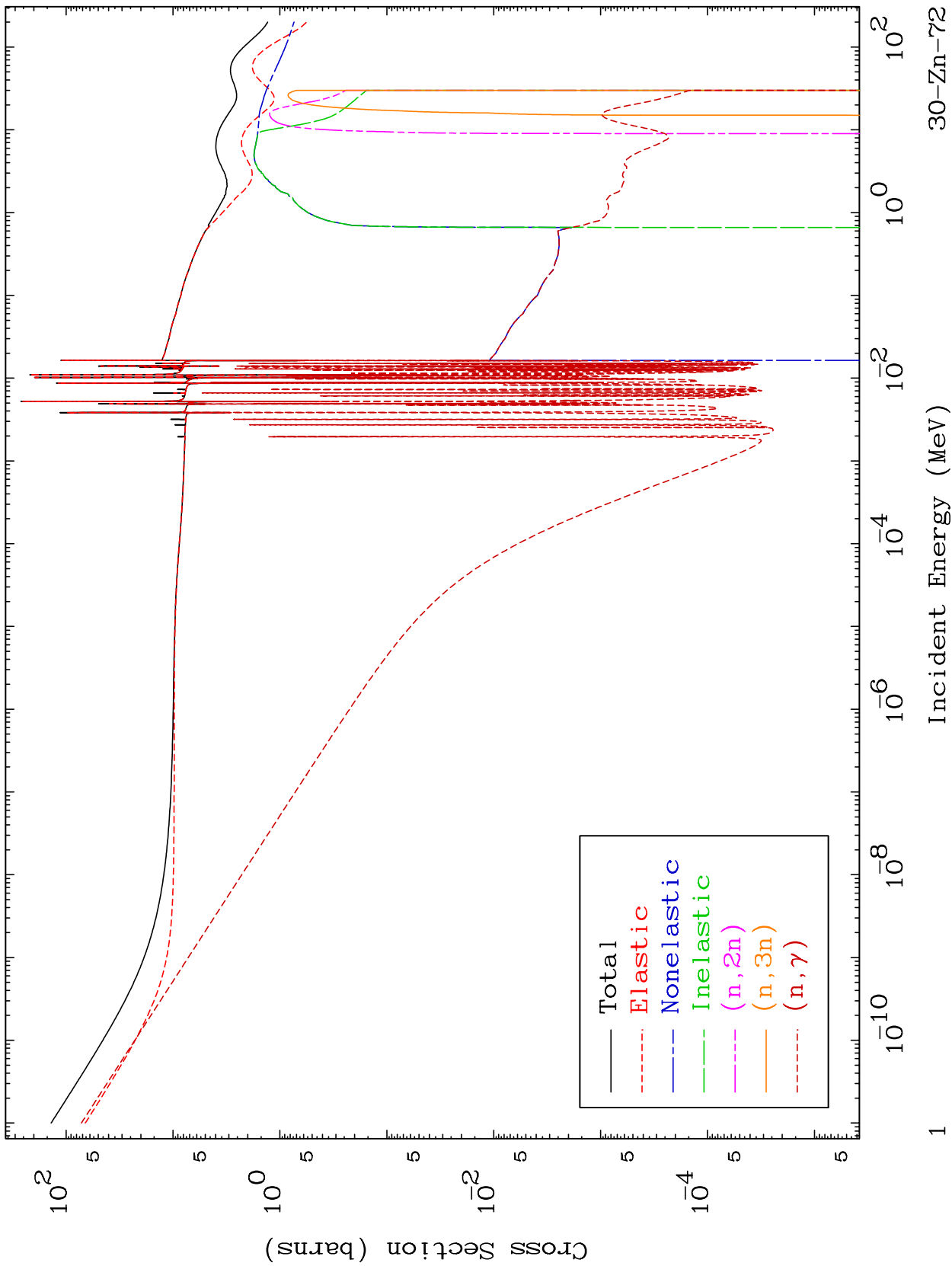
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3049

Neutron Major
293 Kelvin Cross Sections

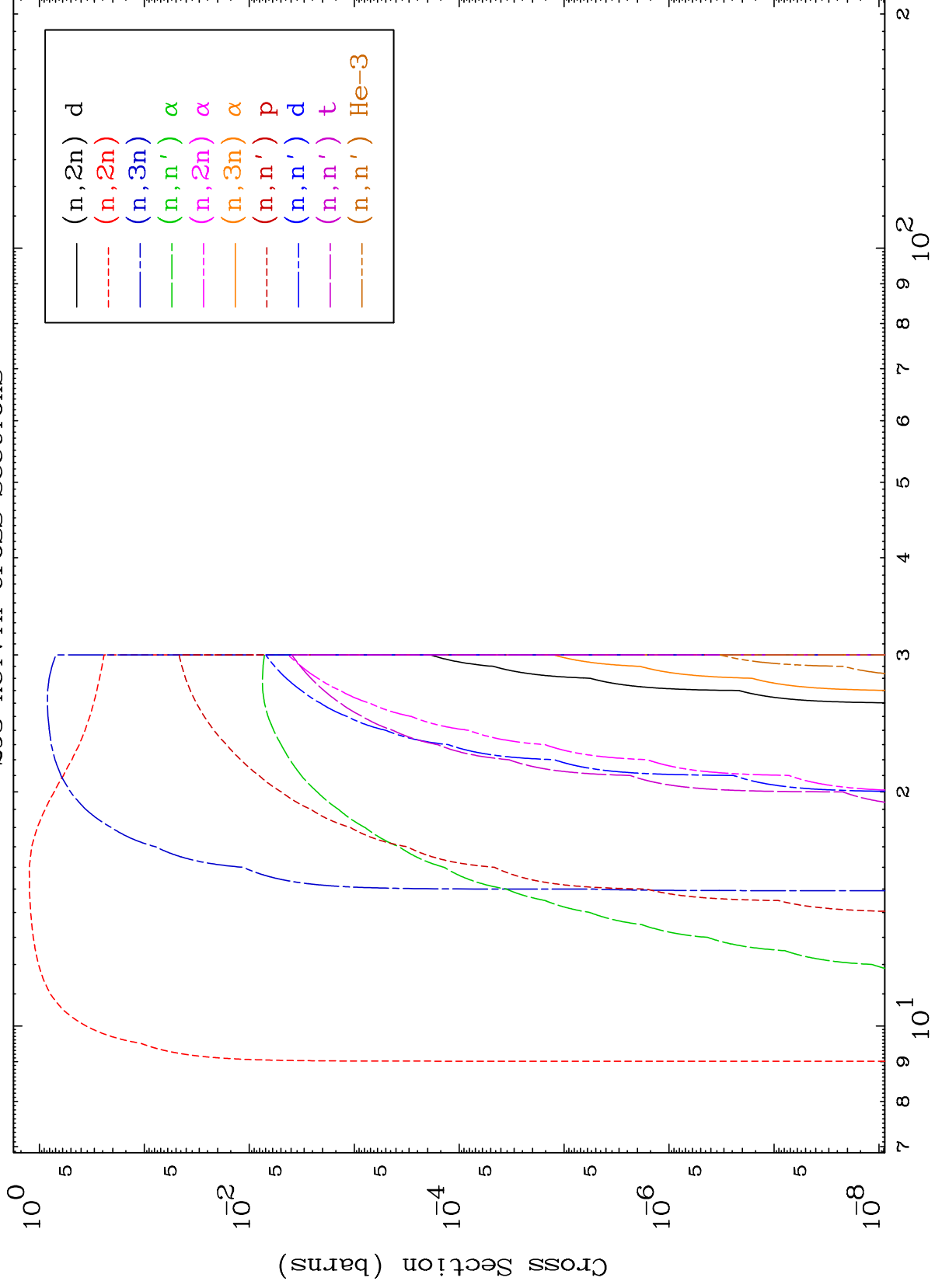
30-Zn-72



MAT 3049

Neutron Absorption
293 Kelvin Cross Sections

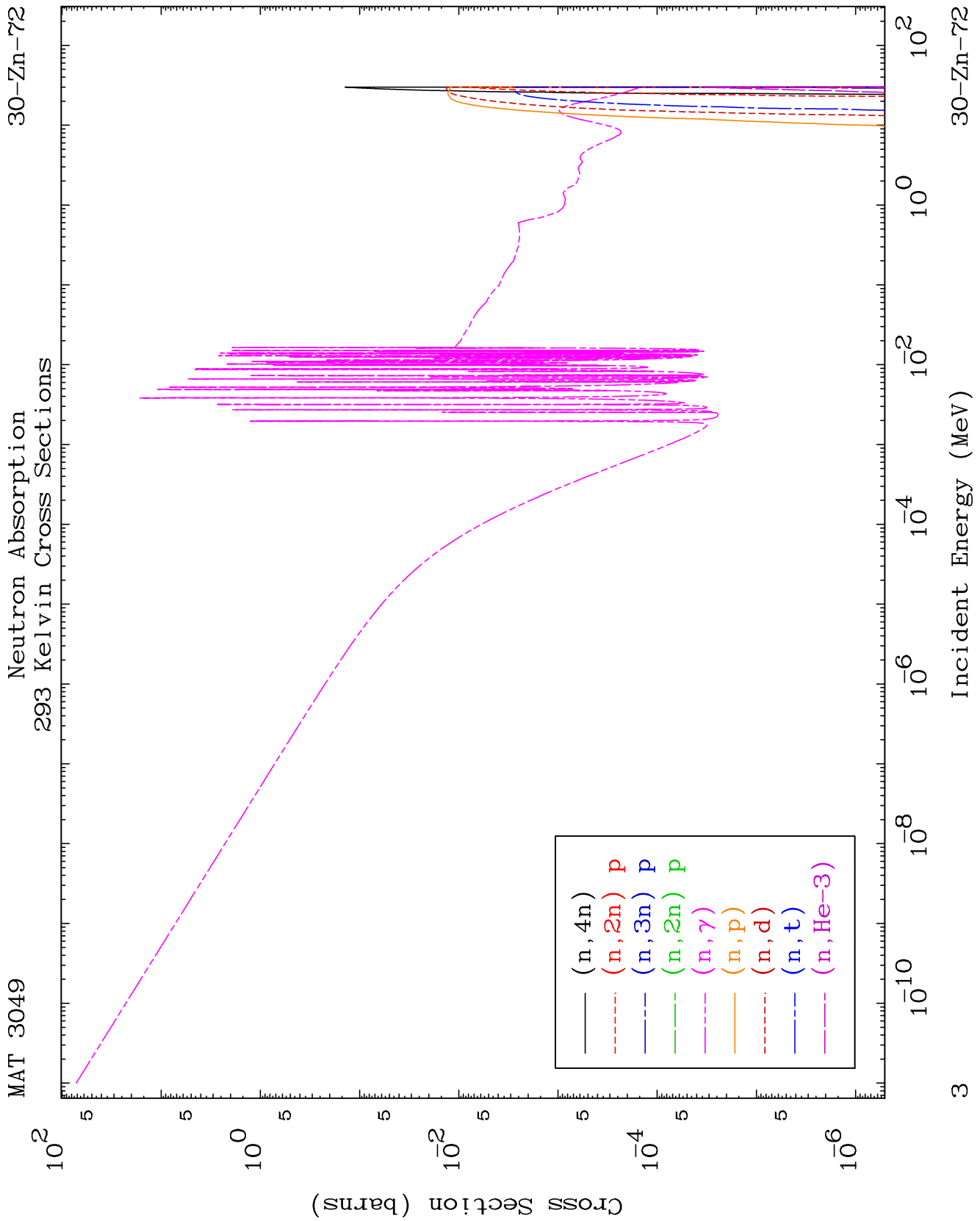
30-Zn-72

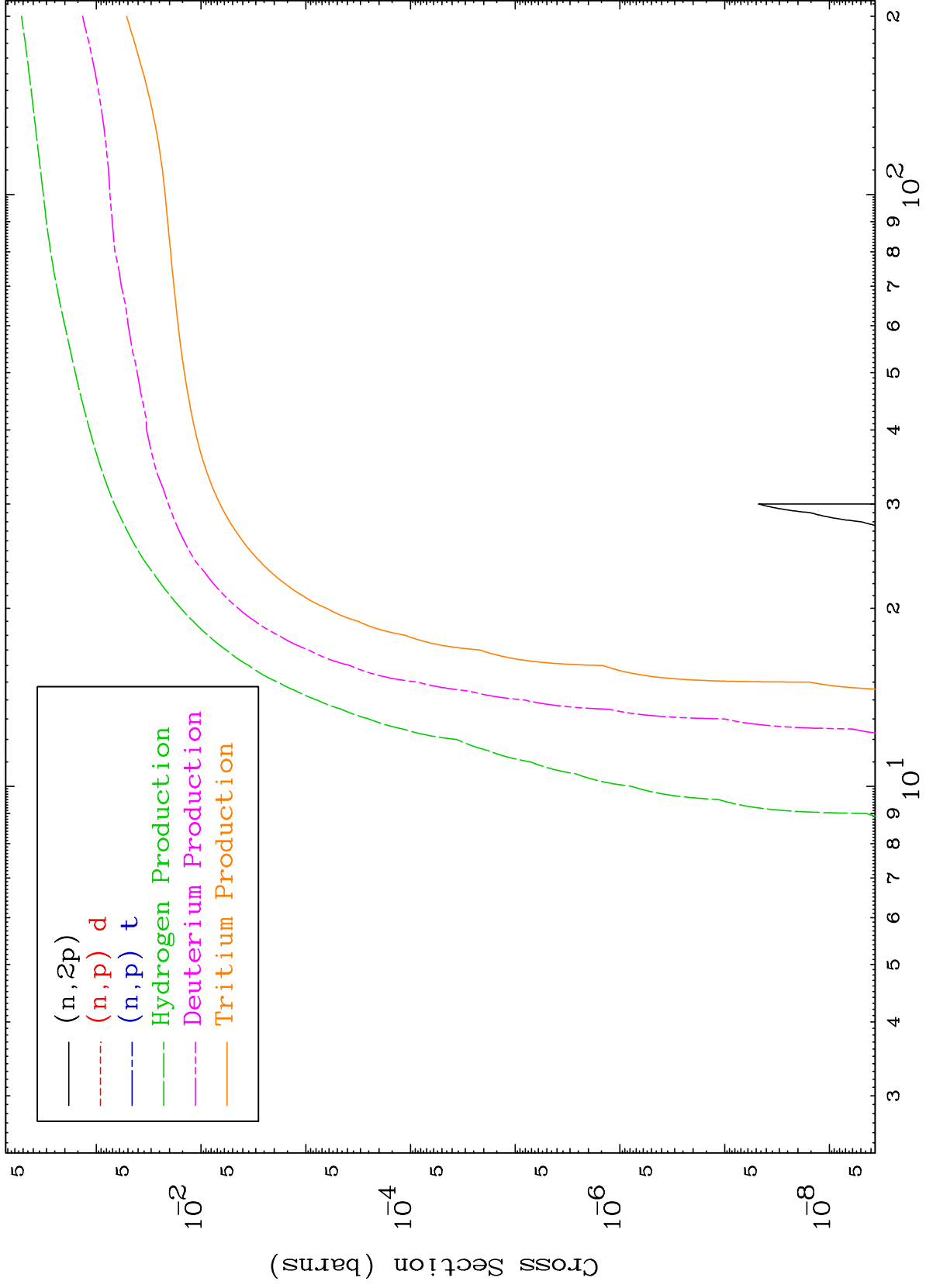


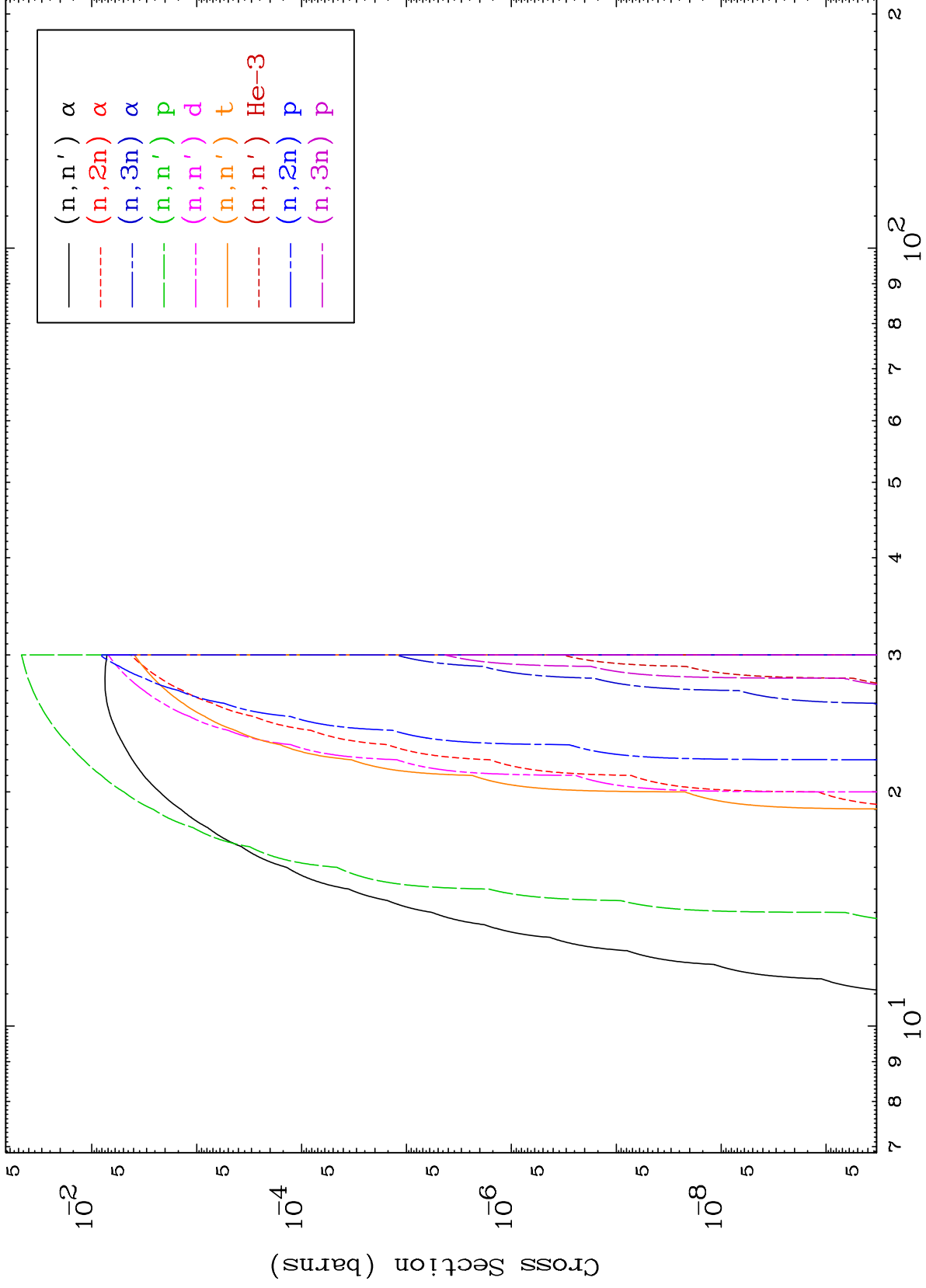
2

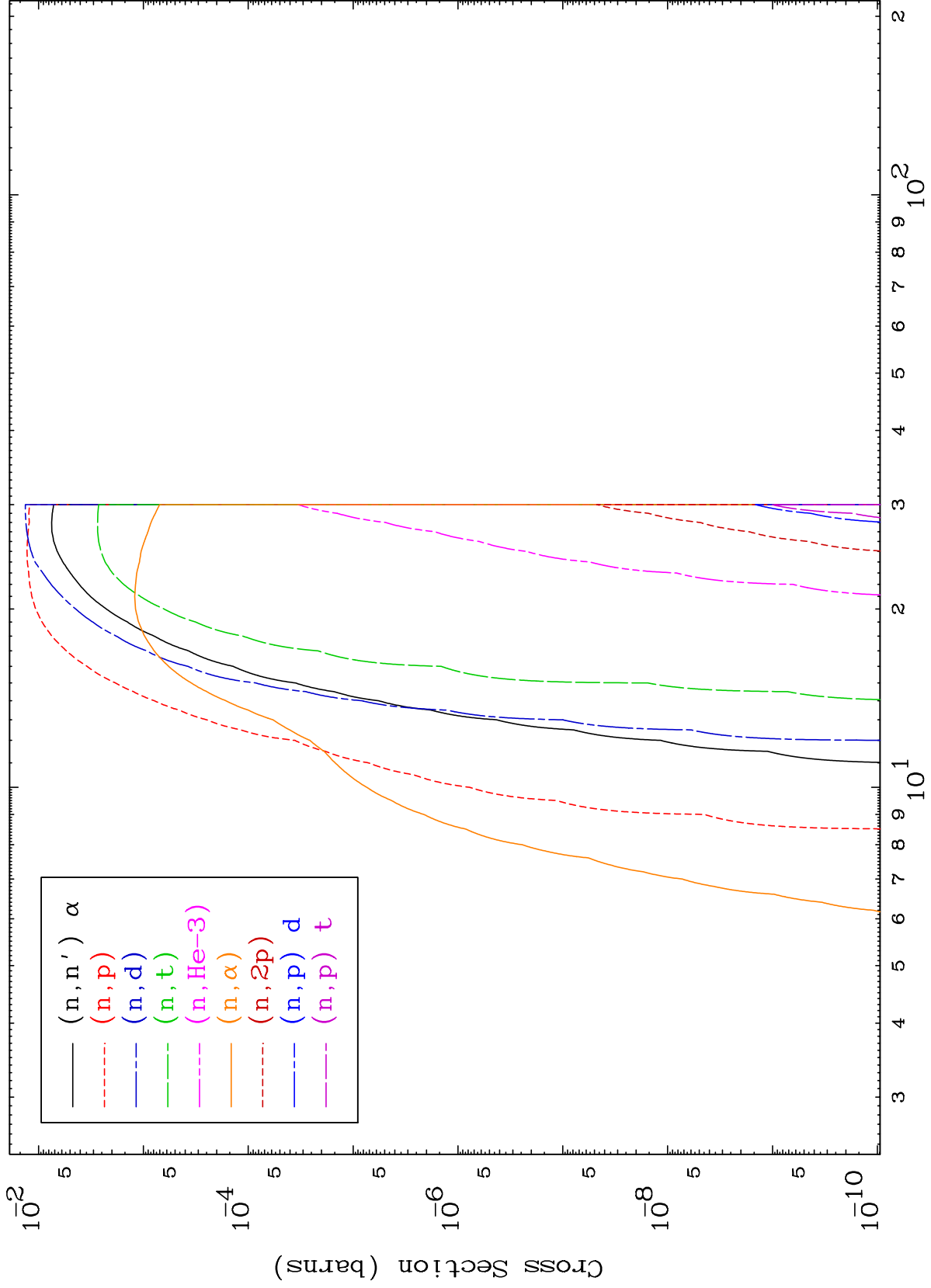
Incident Energy (MeV)

30-Zn-72





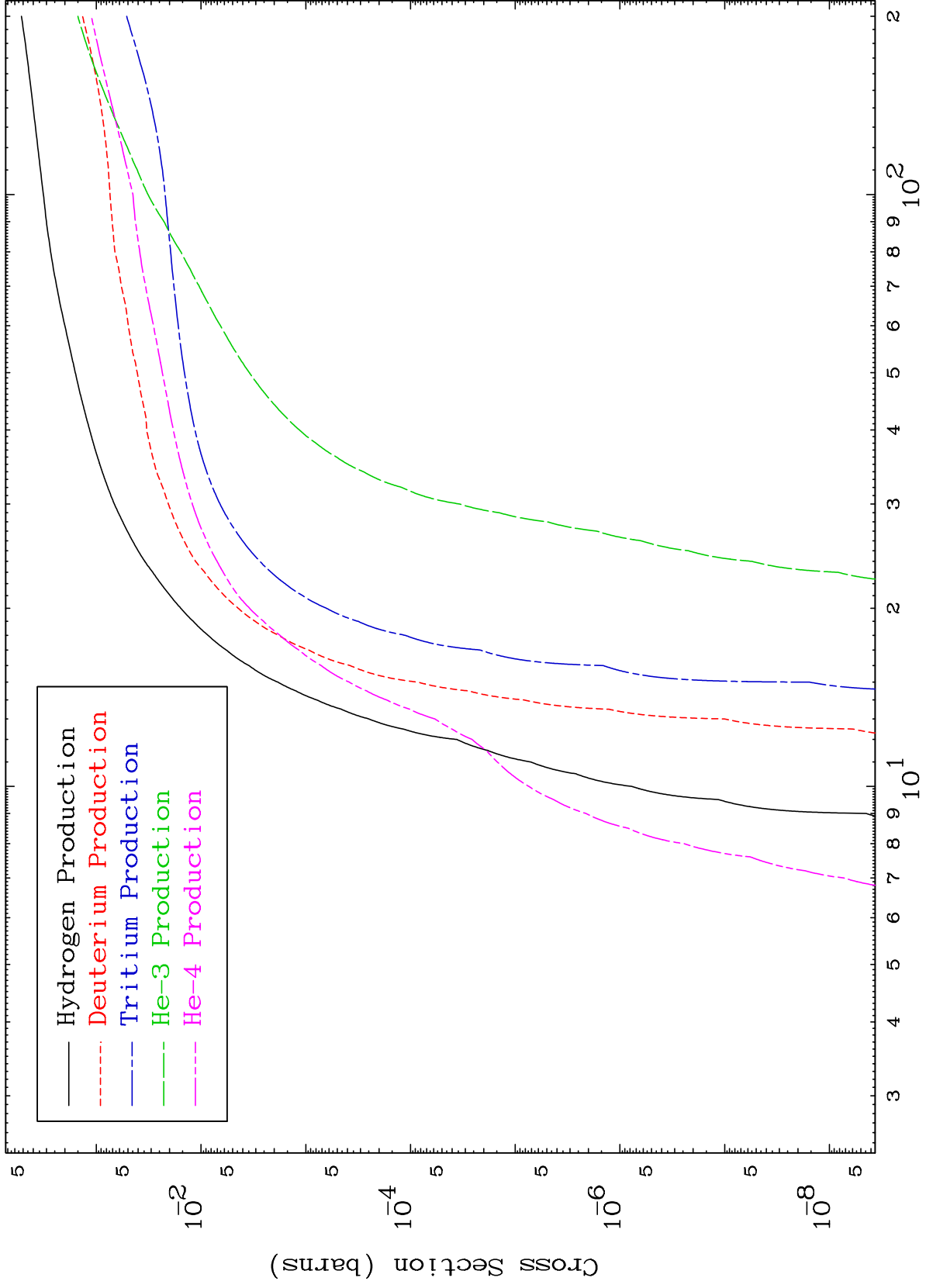




MAT 3049

Particle Production
293 Kelvin Cross Sections

30-Zn-72

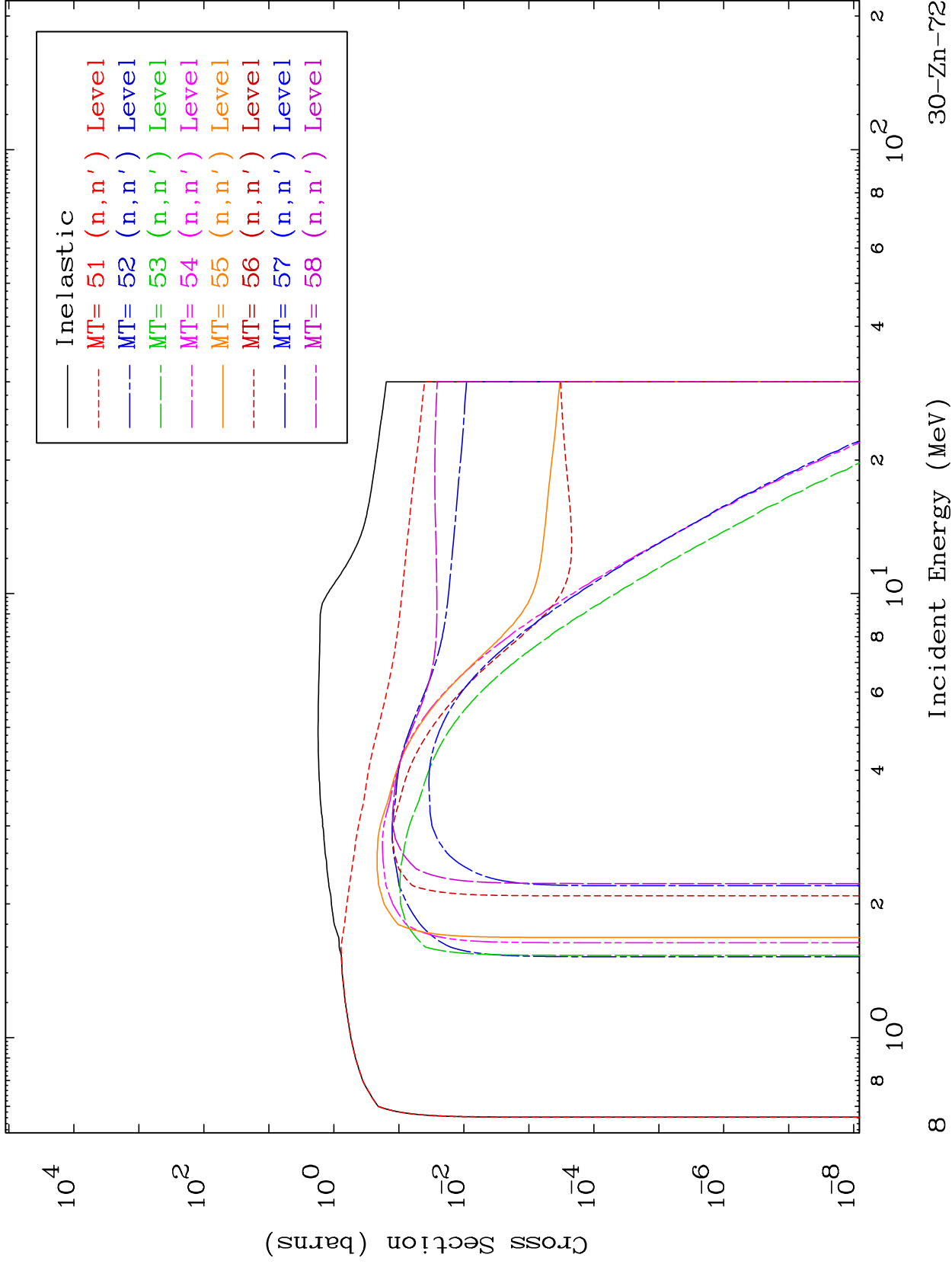


MAT 3049

(n,n') Levels

30-Zn-72

293 Kelvin Cross Sections



8

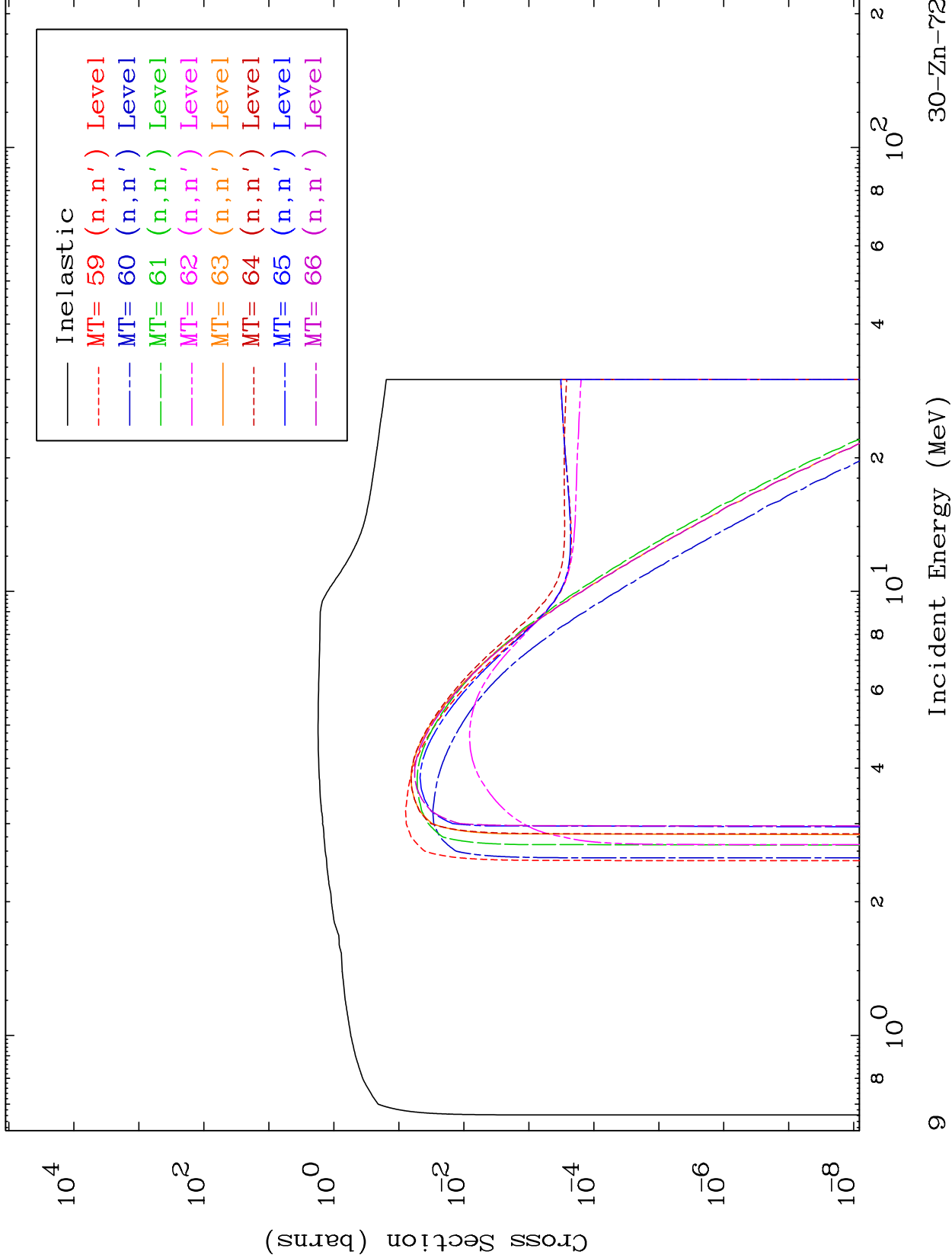
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,n') Levels
293 Kelvin Cross Sections

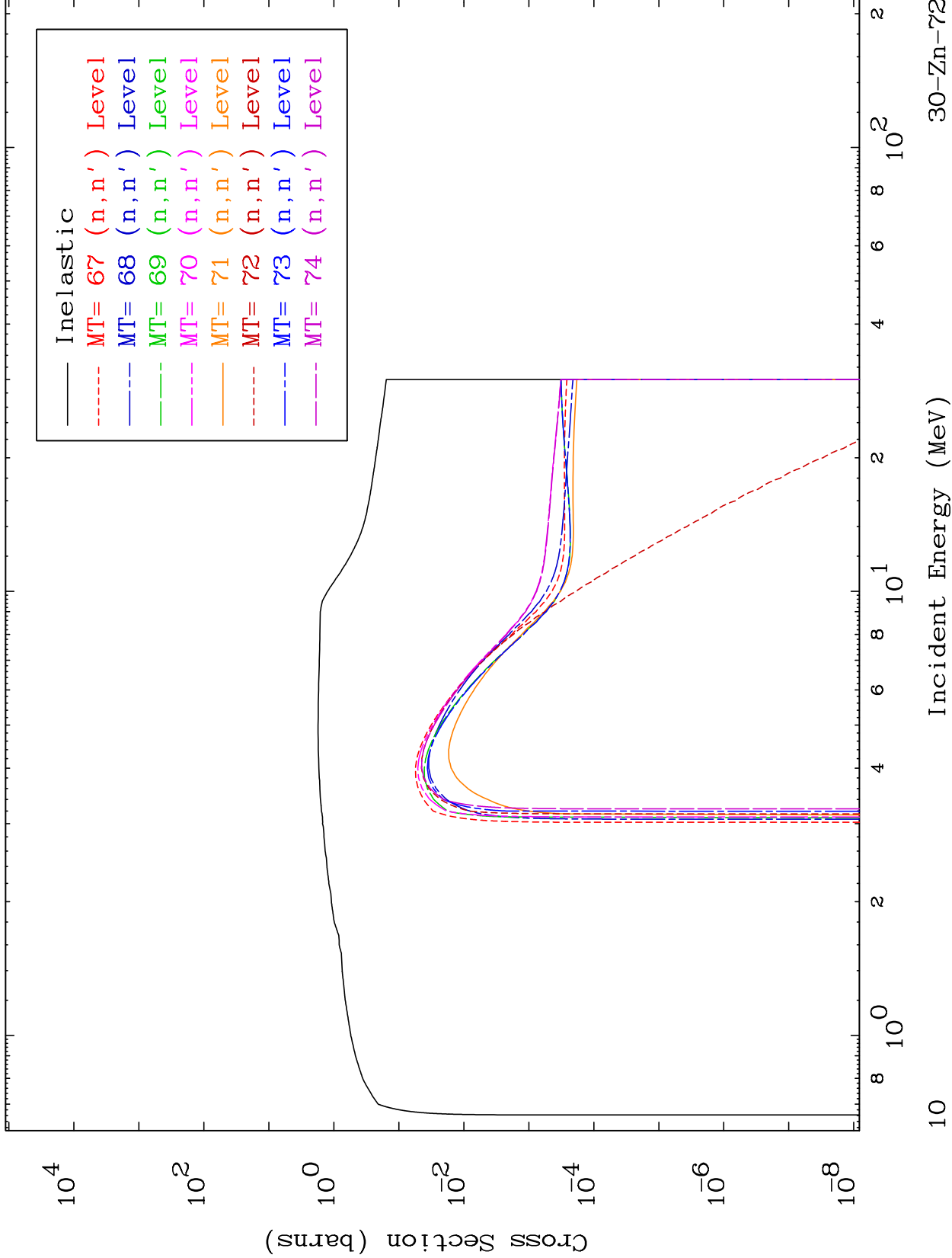
30-Zn-72



MAT 3049

(n,n') Levels
293 Kelvin Cross Sections

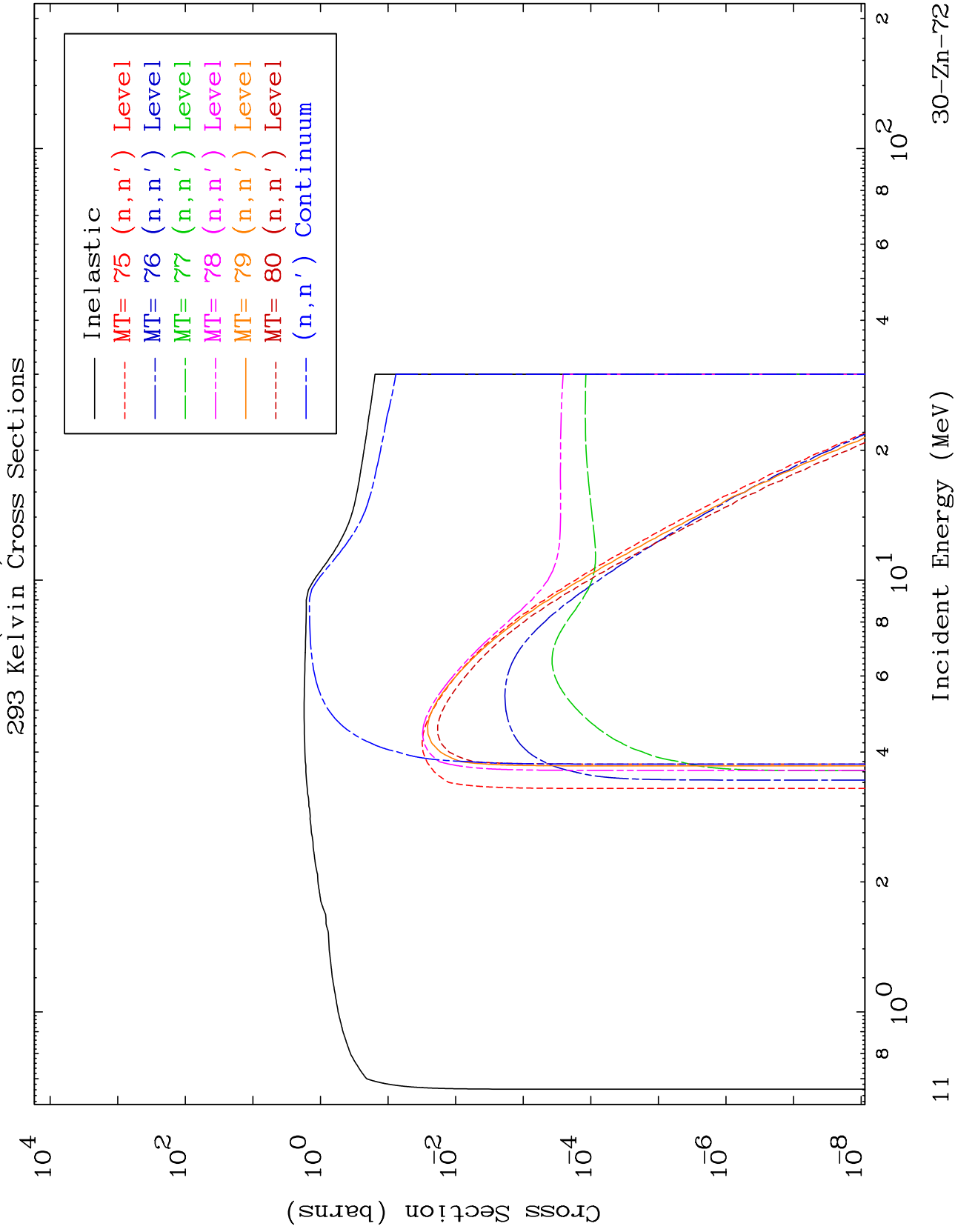
30-Zn-72



MAT 3049

(n,n') Levels

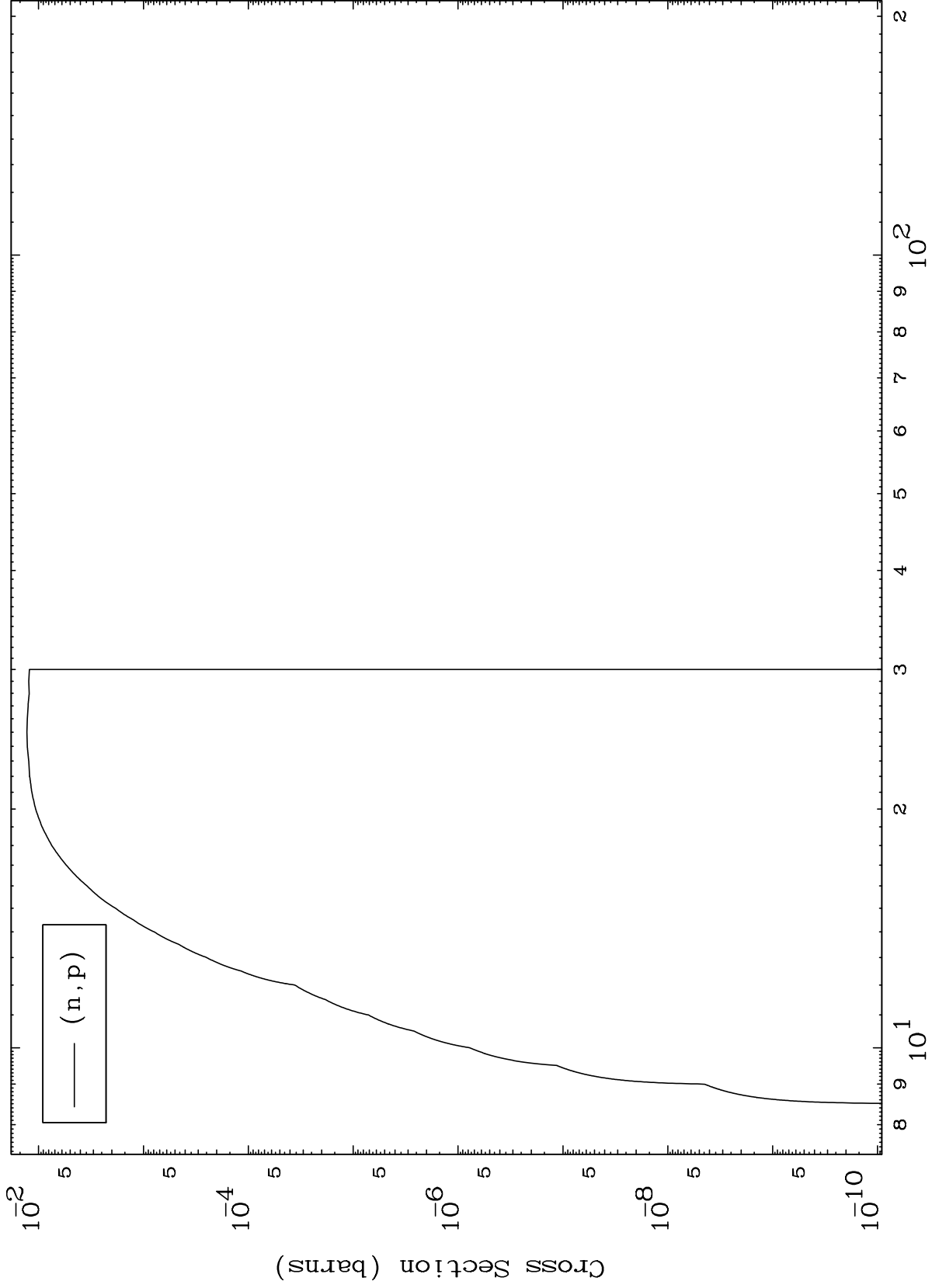
30-Zn-72



MAT 3049

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-72



12

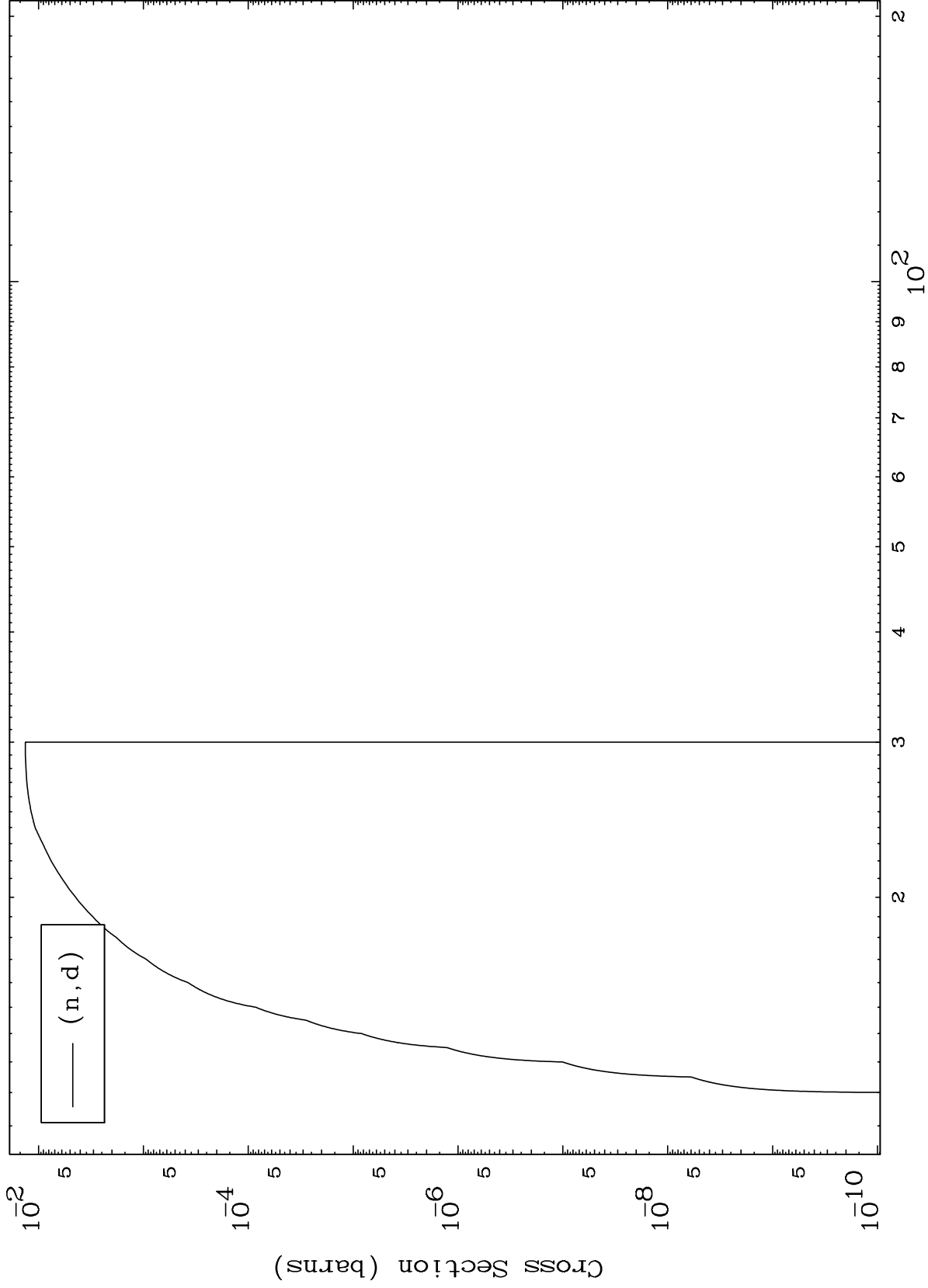
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-72



13

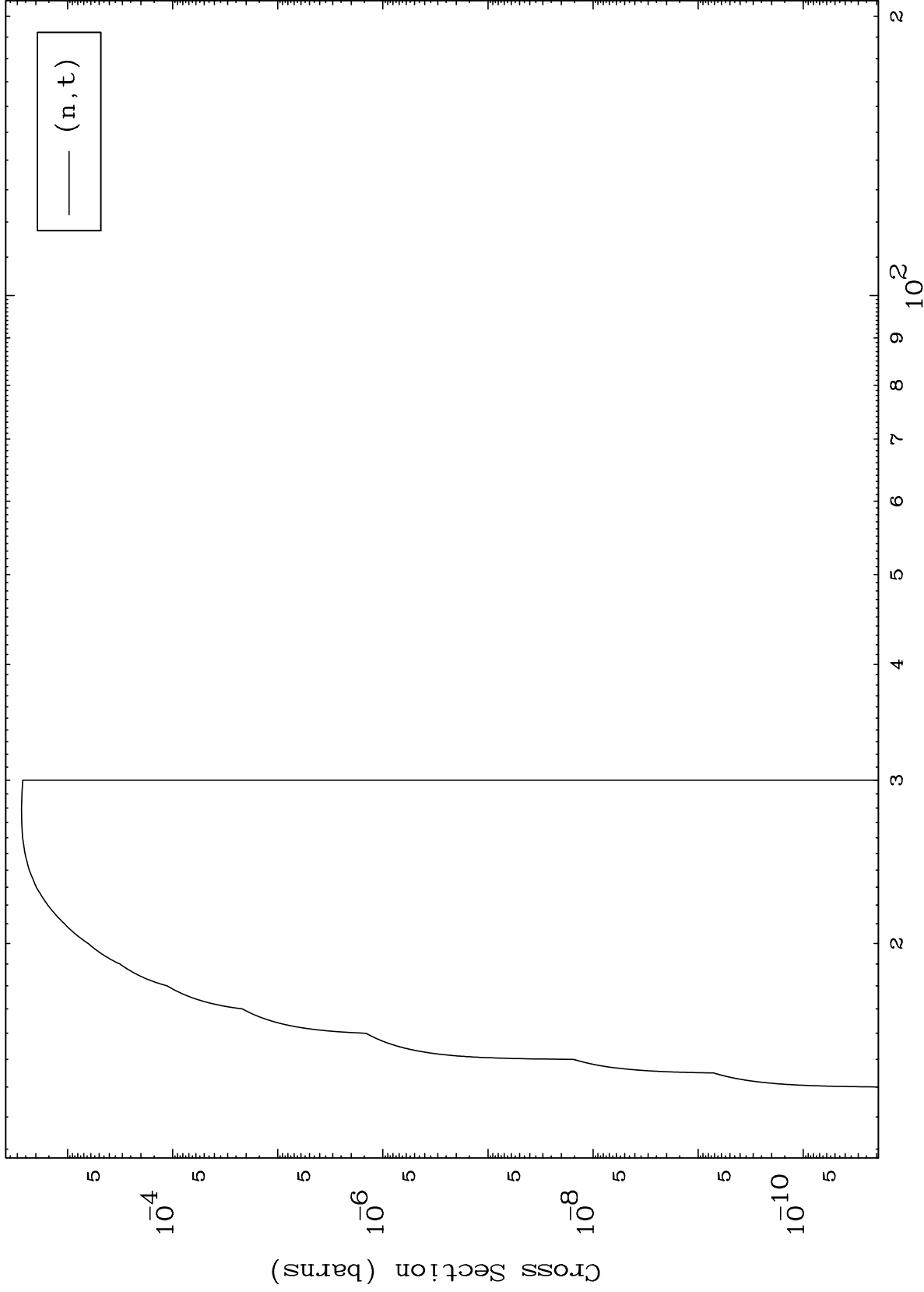
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-72



14

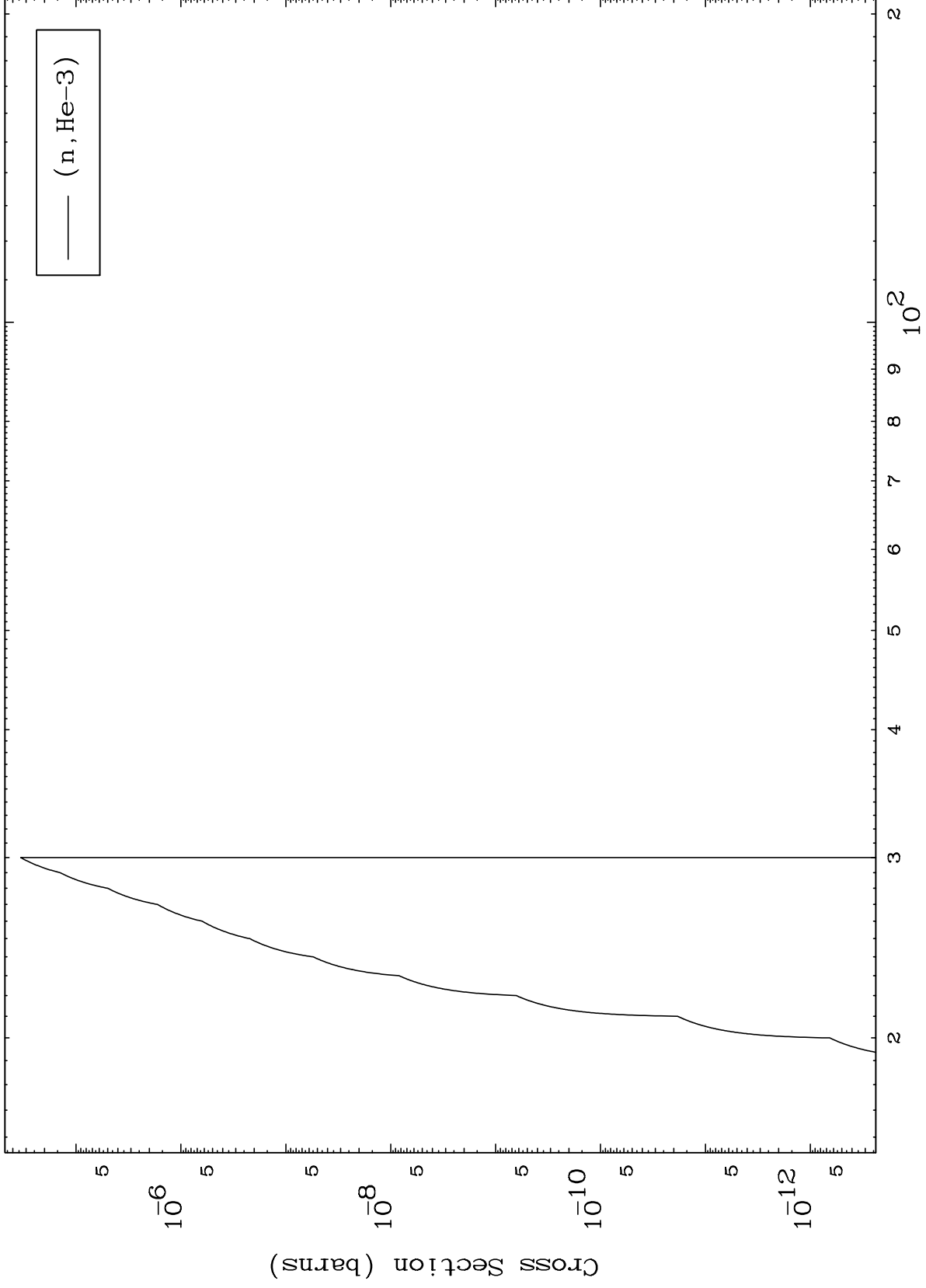
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-72



15

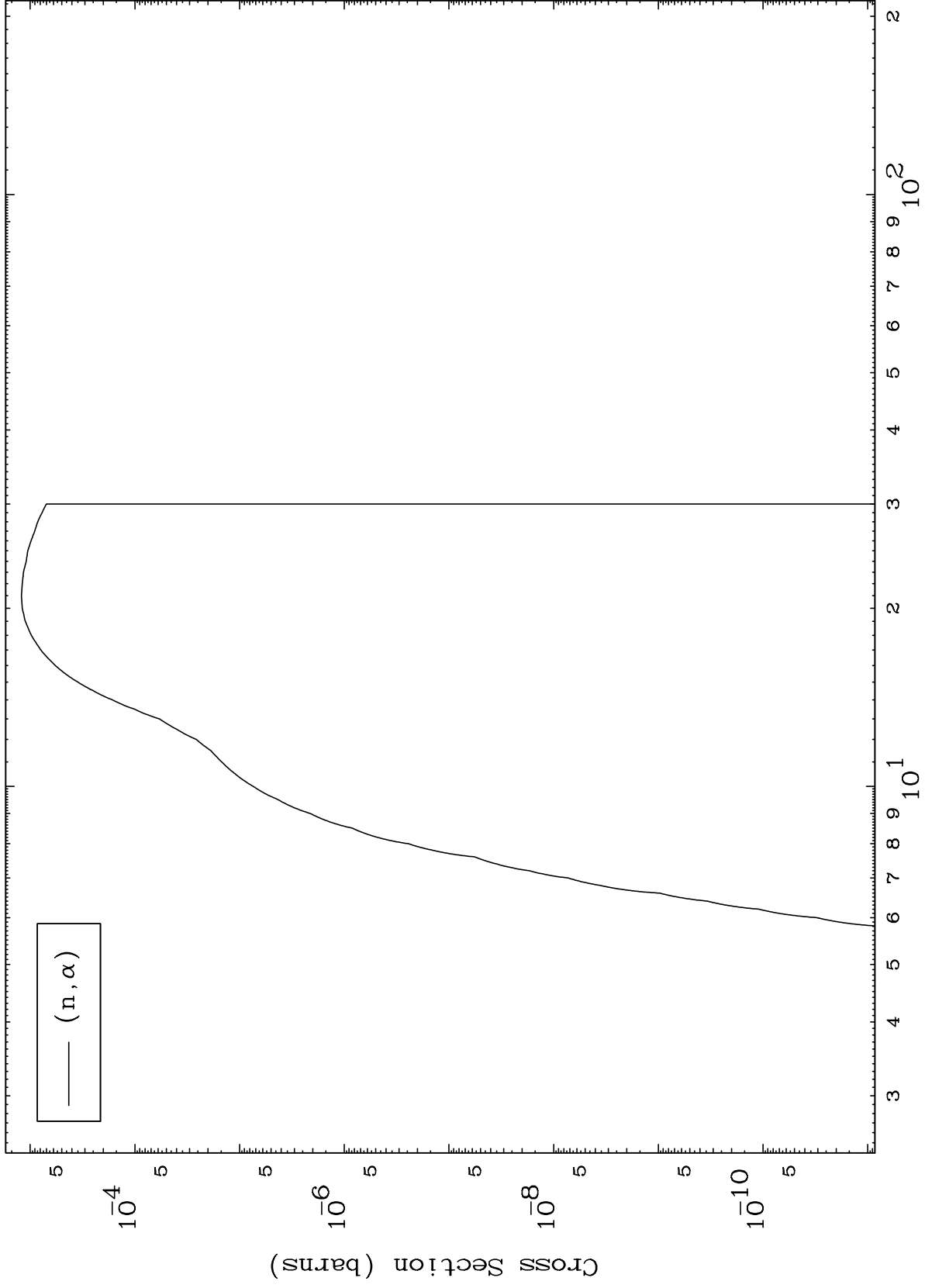
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-72



16

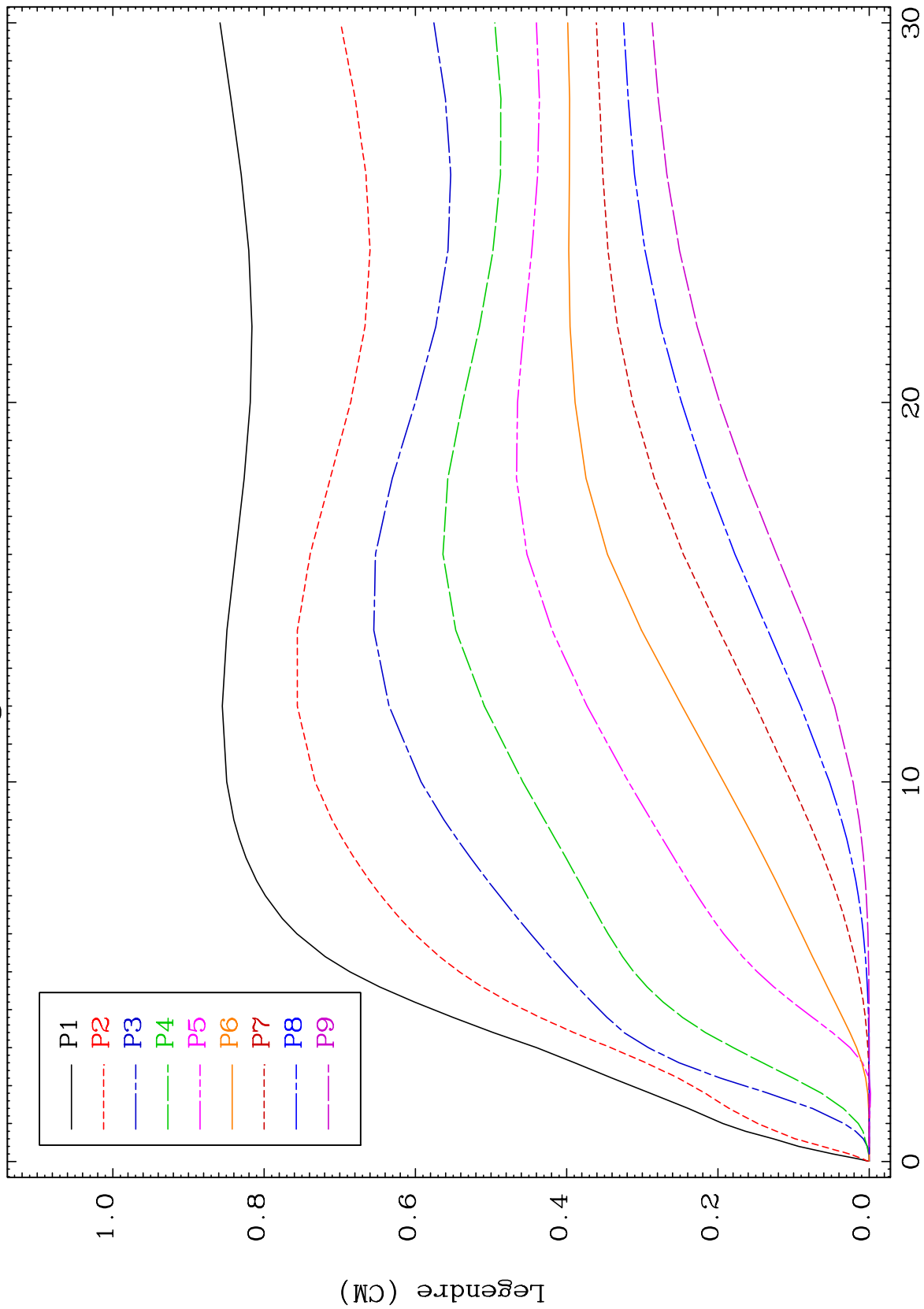
Incident Energy (MeV)

30-Zn-72

MAT 3049

Elastic Legendre Coefficients

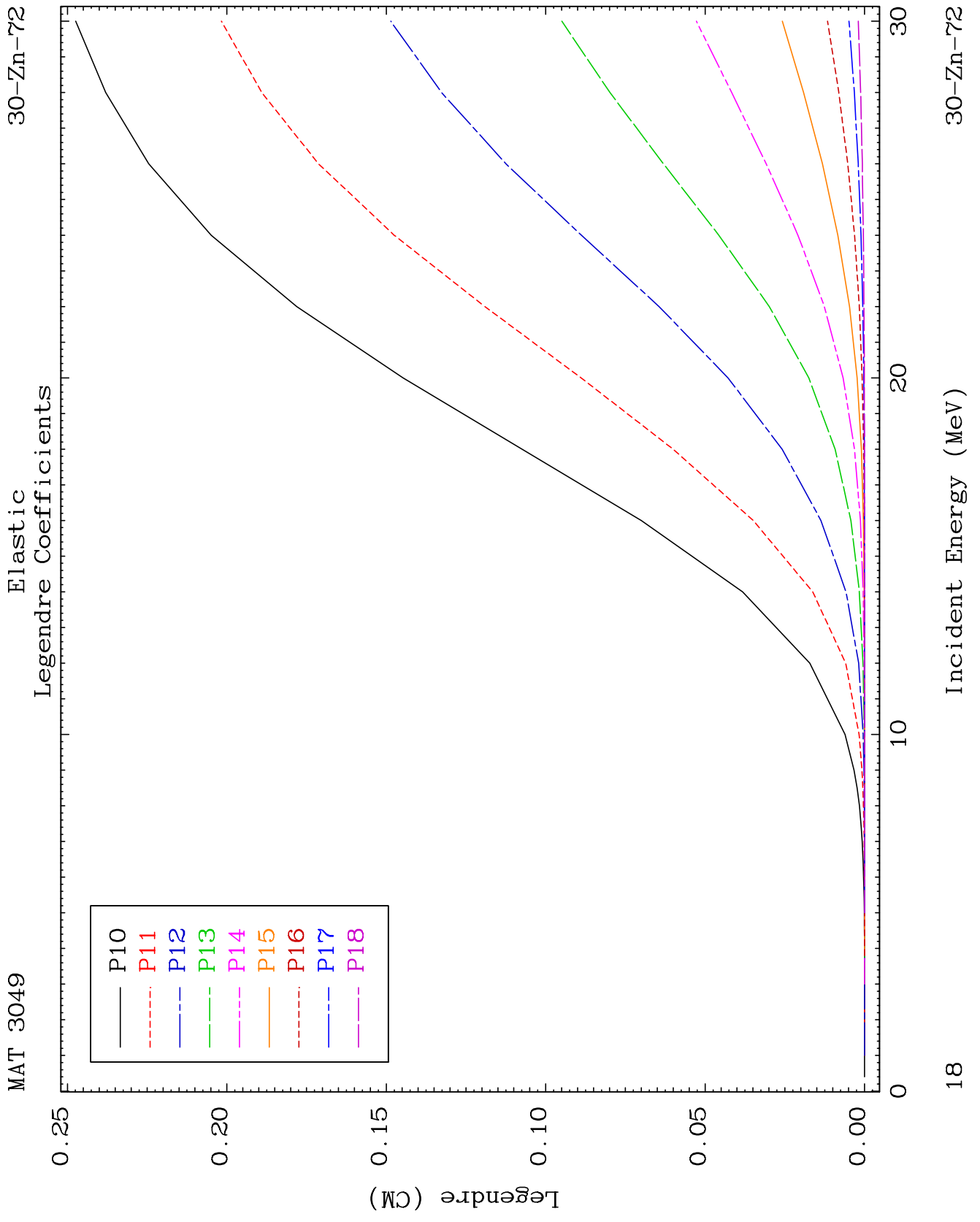
30-Zn-72



17

Incident Energy (MeV)

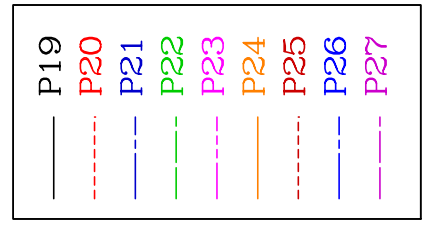
30-Zn-72



MAT 3049

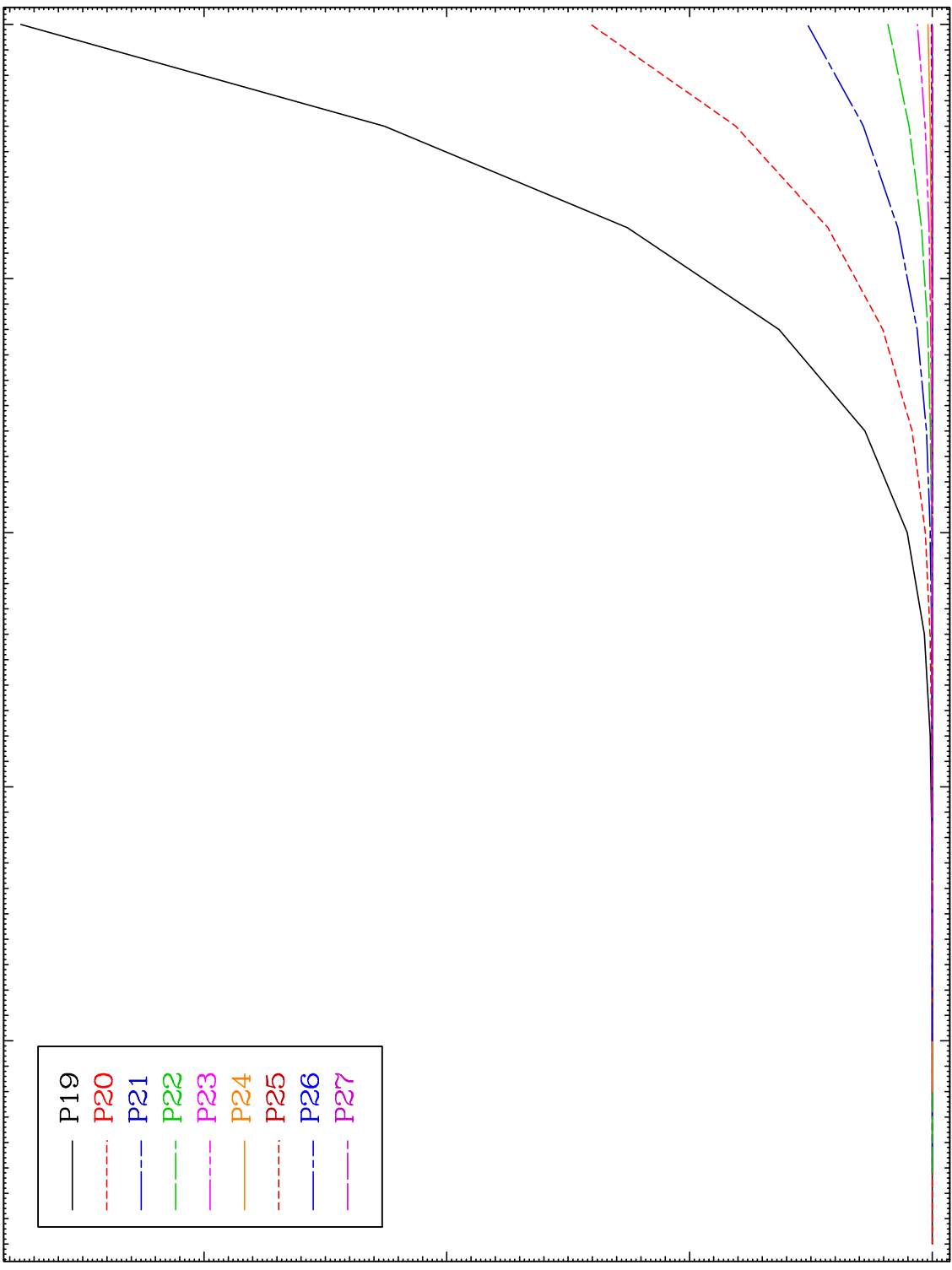
Elastic Legendre Coefficients

30-Zn-72



$\times 10^{-4}$

Legendre (CM)



19

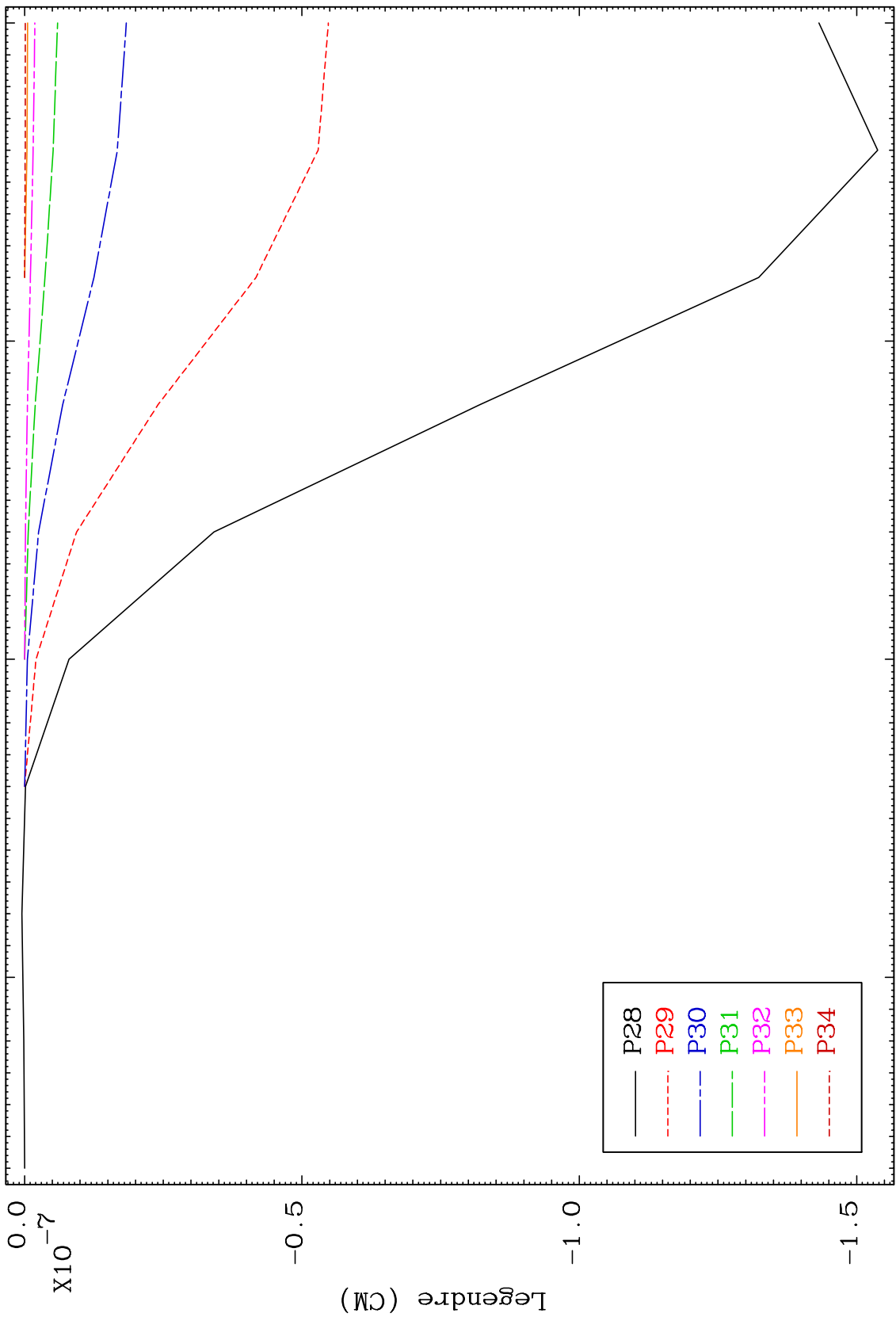
Incident Energy (MeV)

30-Zn-72

MAT 3049

30-Zn-72

Elastic Legendre Coefficients



Legendre Coefficients
 $\times 10^{-7}$

30

25

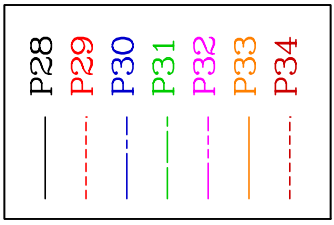
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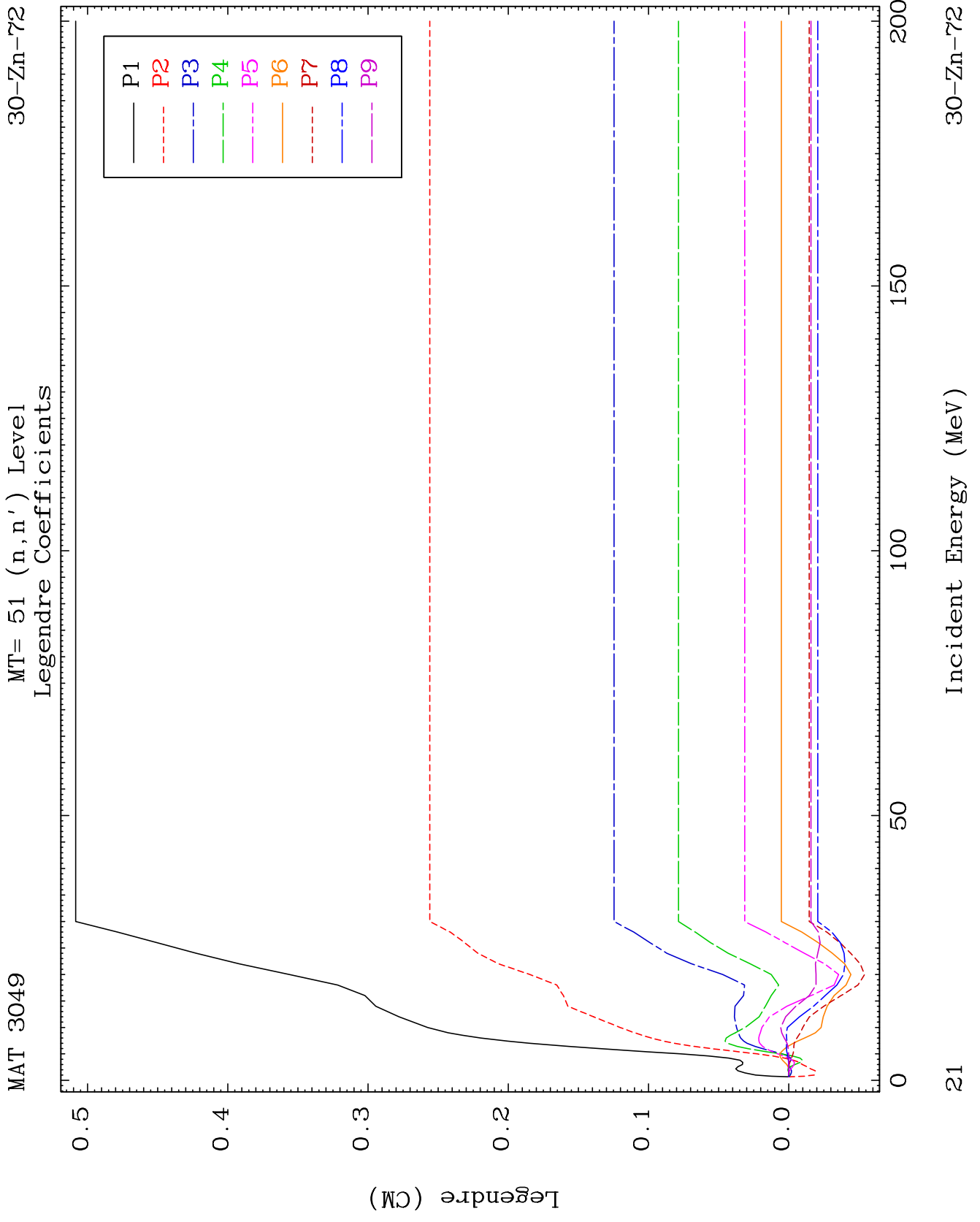
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30-Zn-72

Incident Energy (MeV)

20

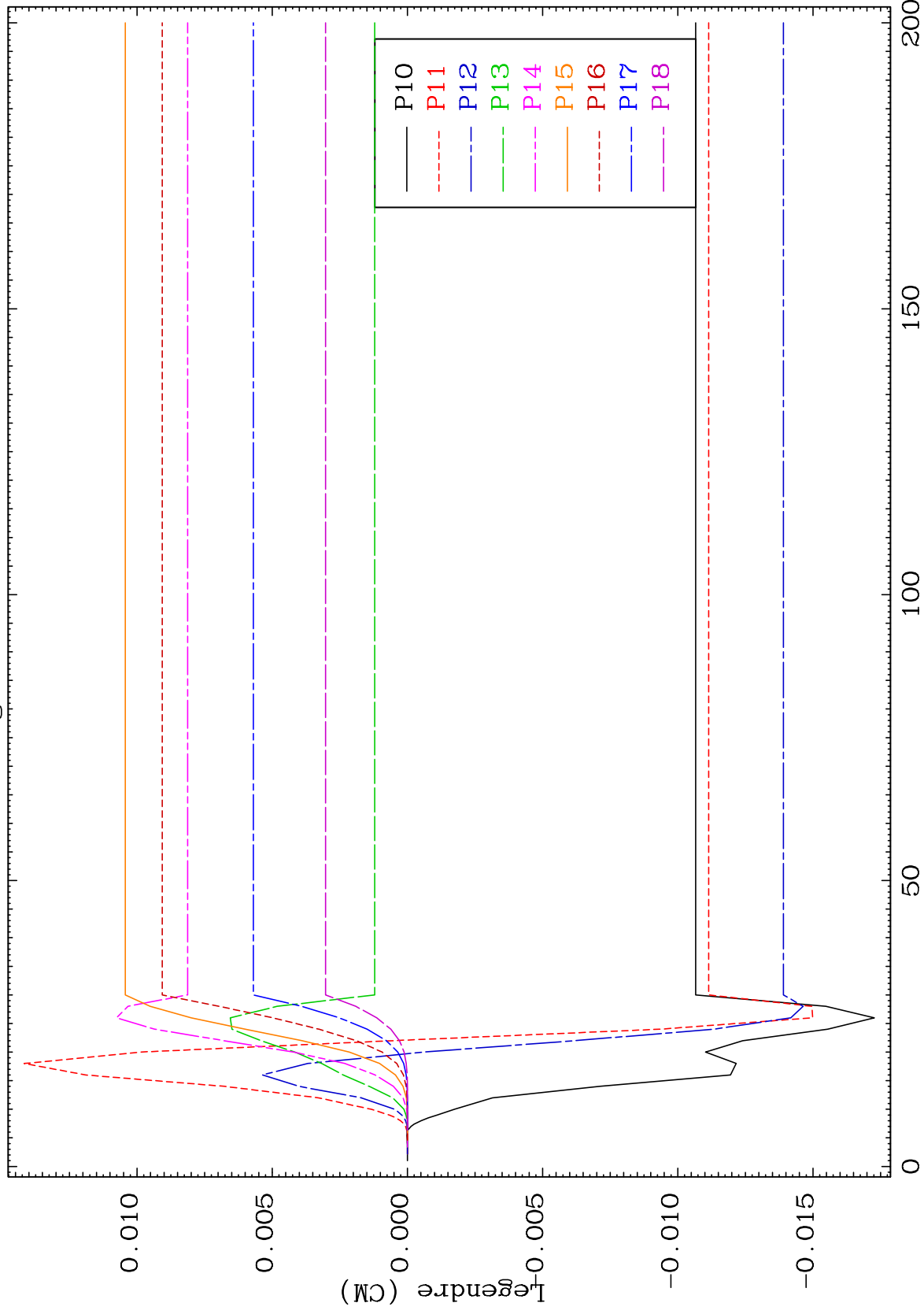




MAT 3049

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

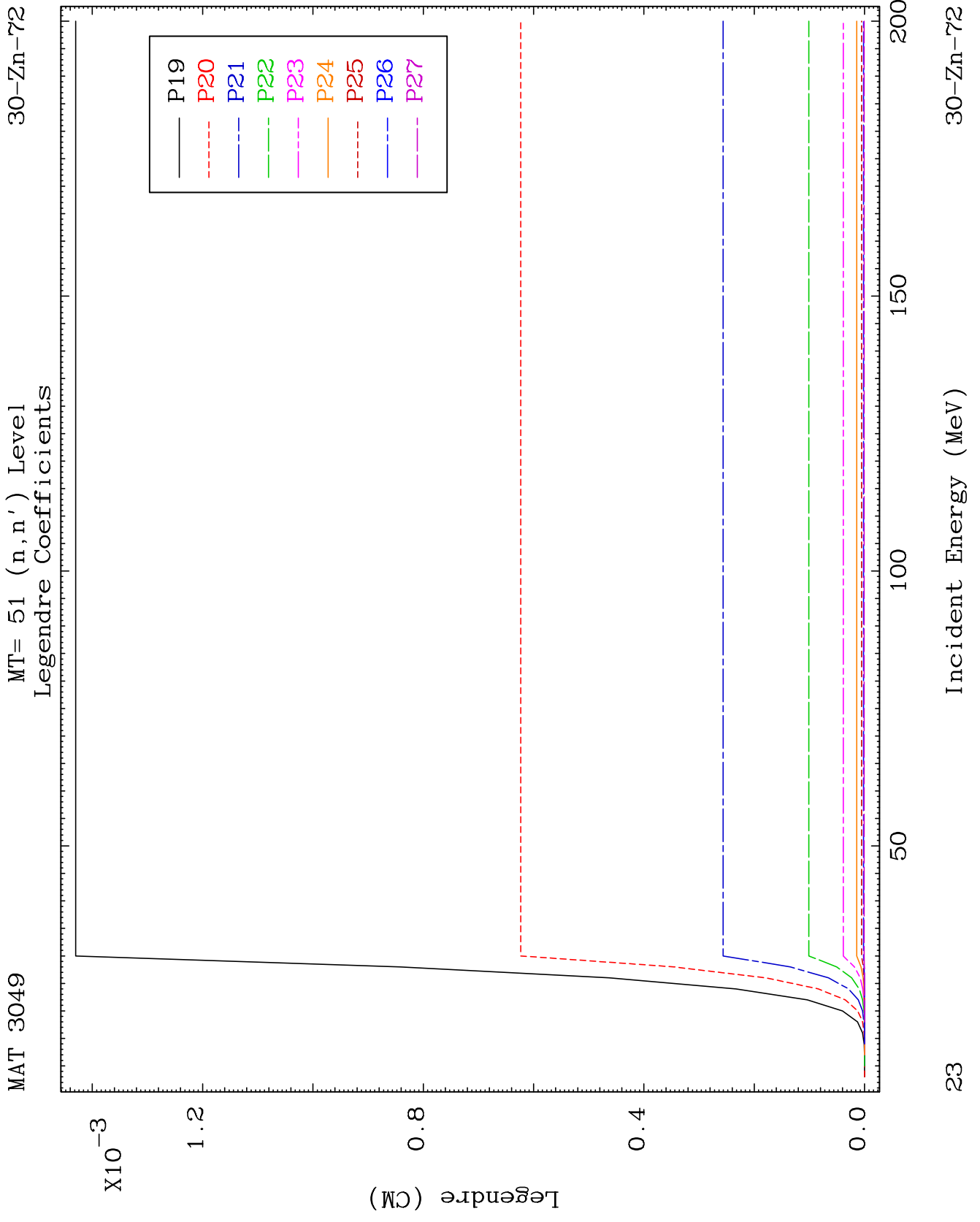
30-Zn-72



22

Incident Energy (MeV)

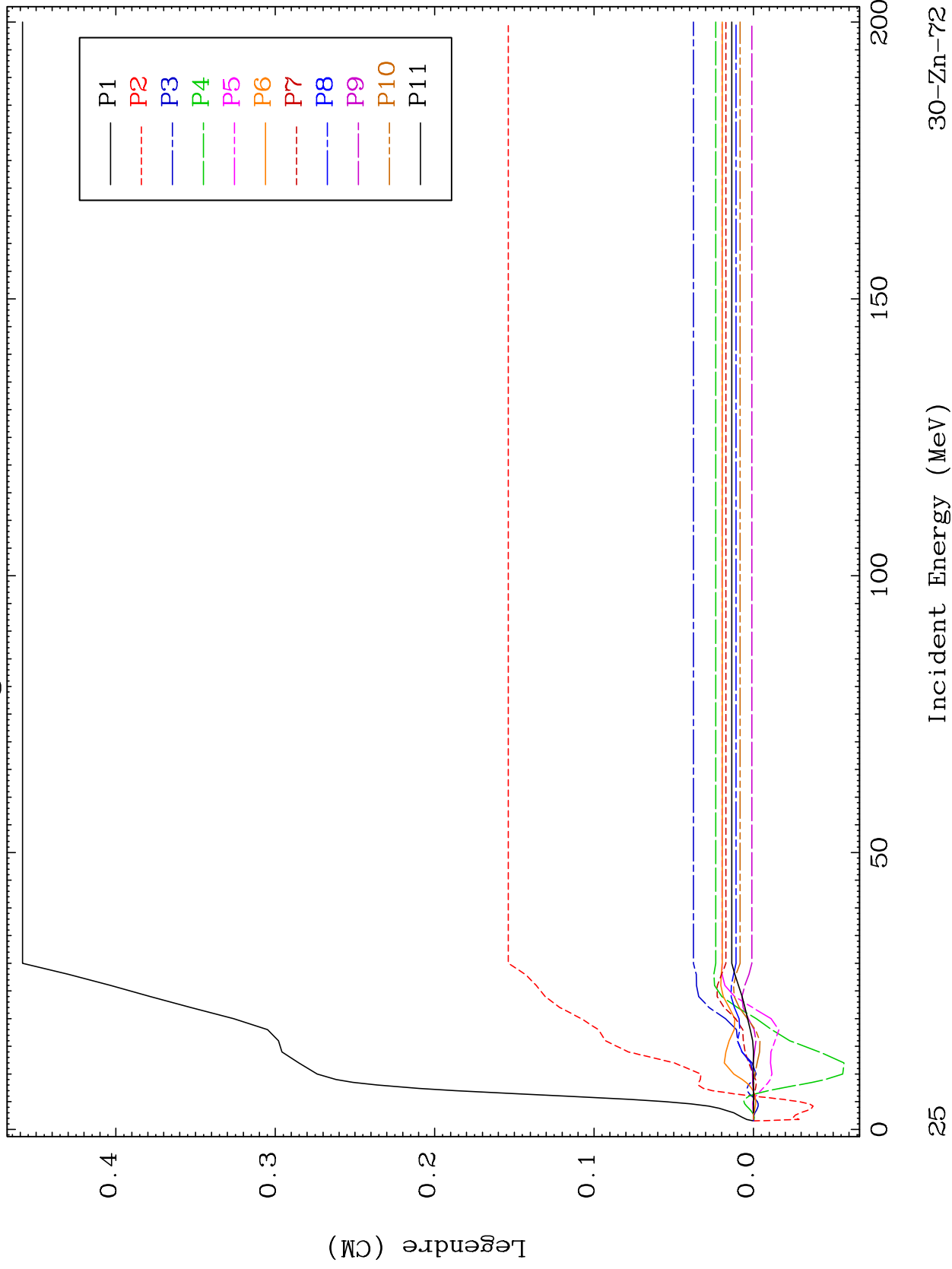
30-Zn-72



MAT 3049

MT= 52 (n,n') Level
Legendre Coefficients

30-Zn-72



30-Zn-72

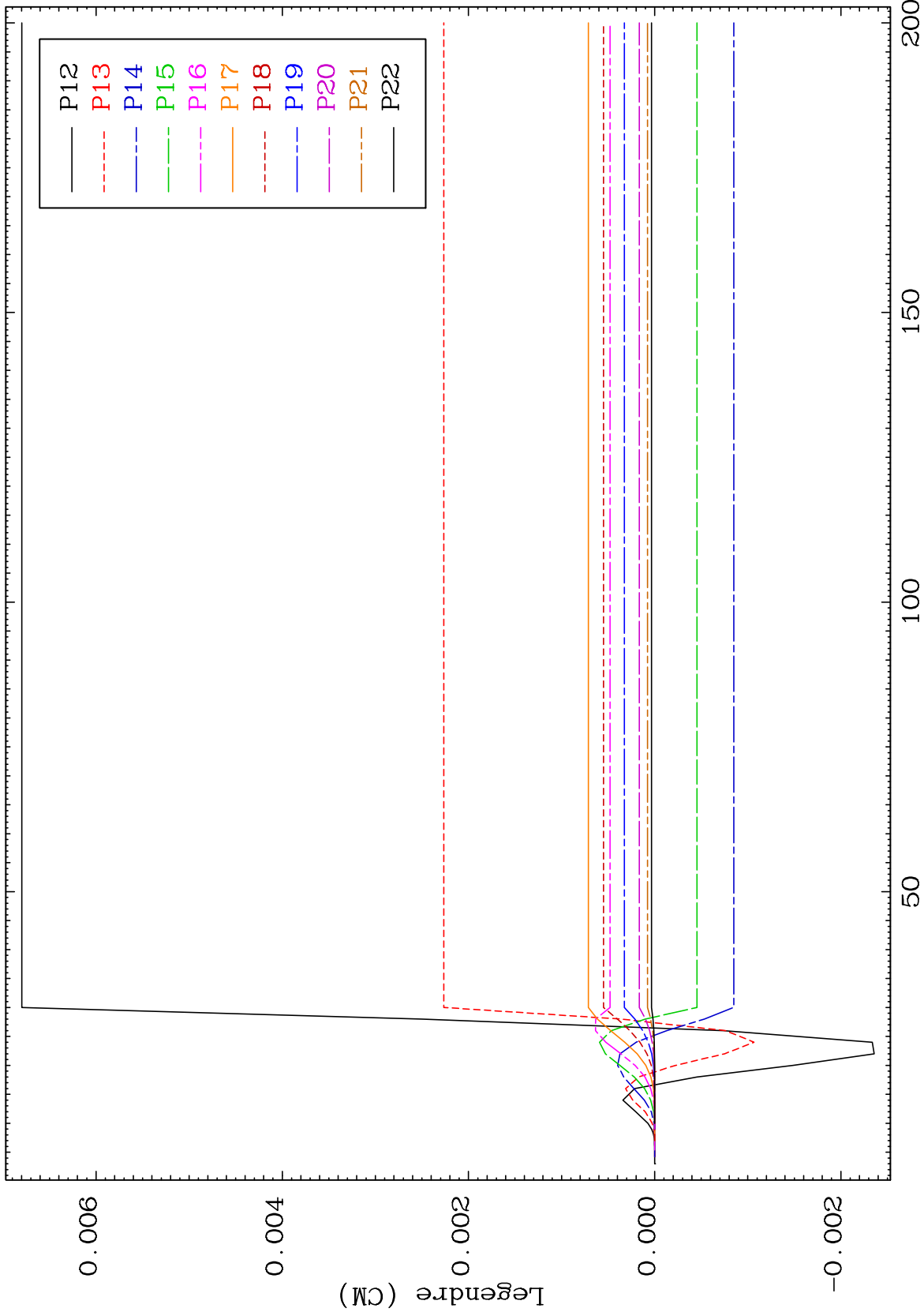
Incident Energy (MeV)

25

MAT 3049

MT= 52 (n,n') Level
Legendre Coefficients

30-Zn-72



26

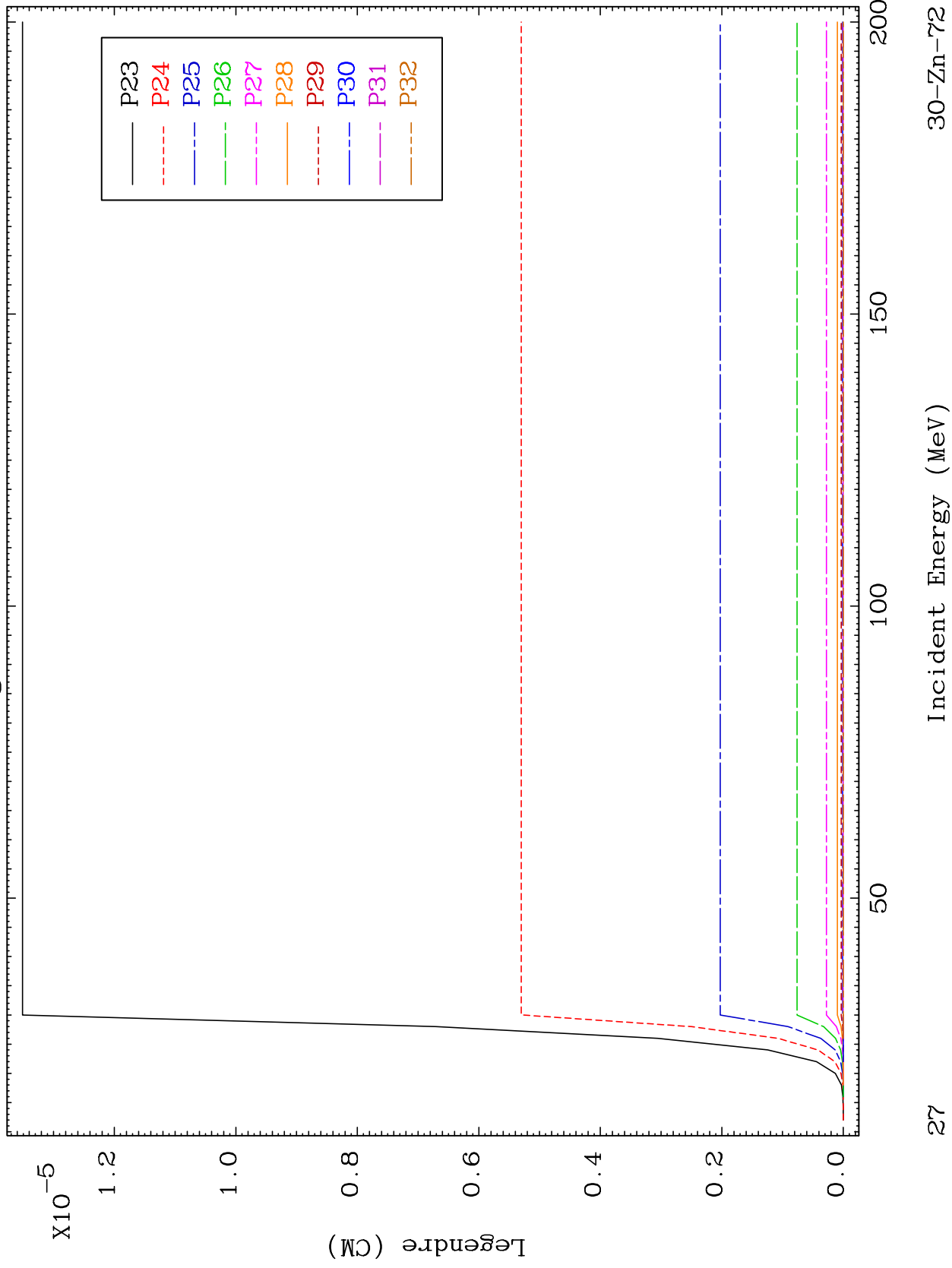
Incident Energy (MeV)

30-Zn-72

MAT 3049

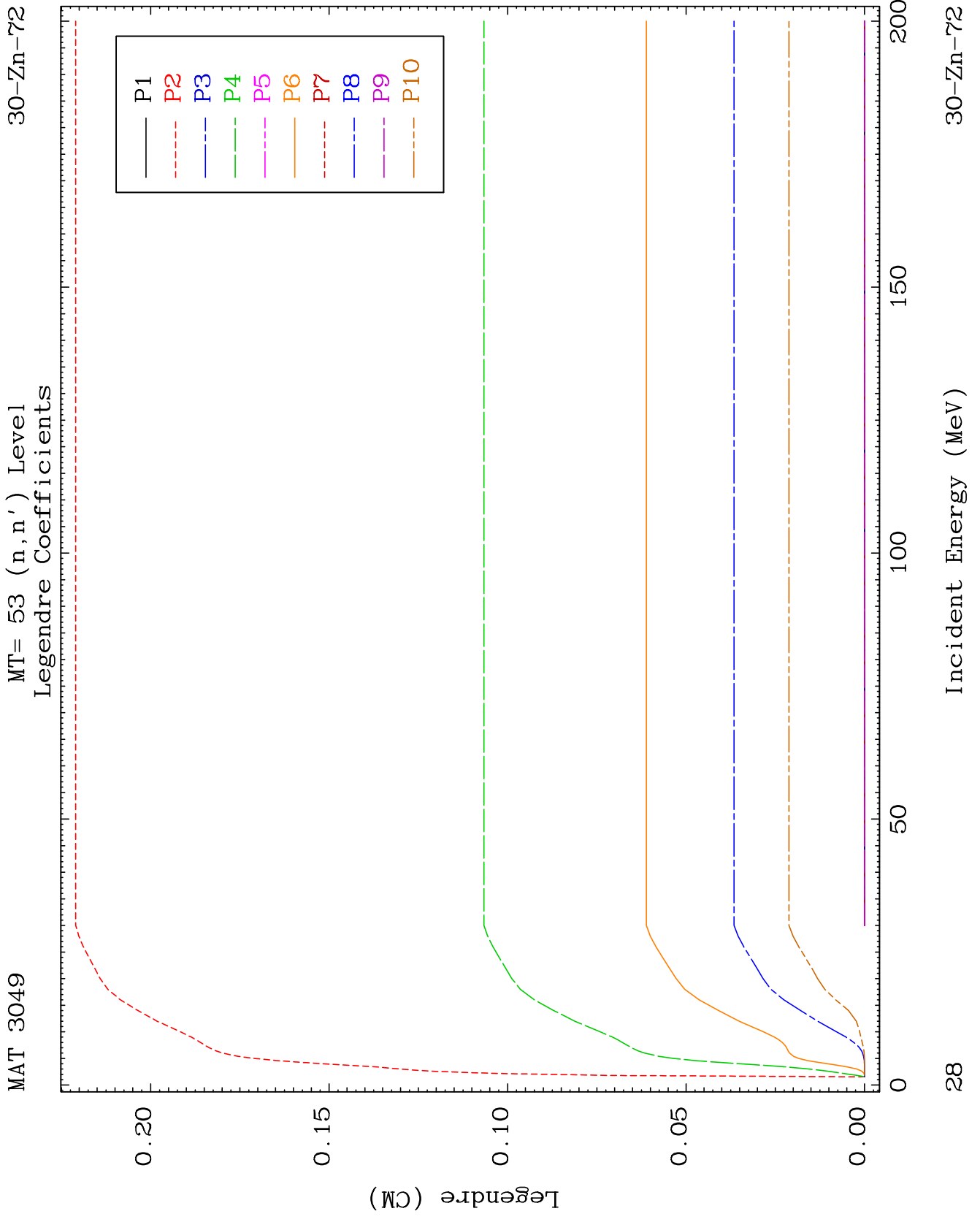
MT= 52 (n,n') Level
Legendre Coefficients

30-Zn-72



27

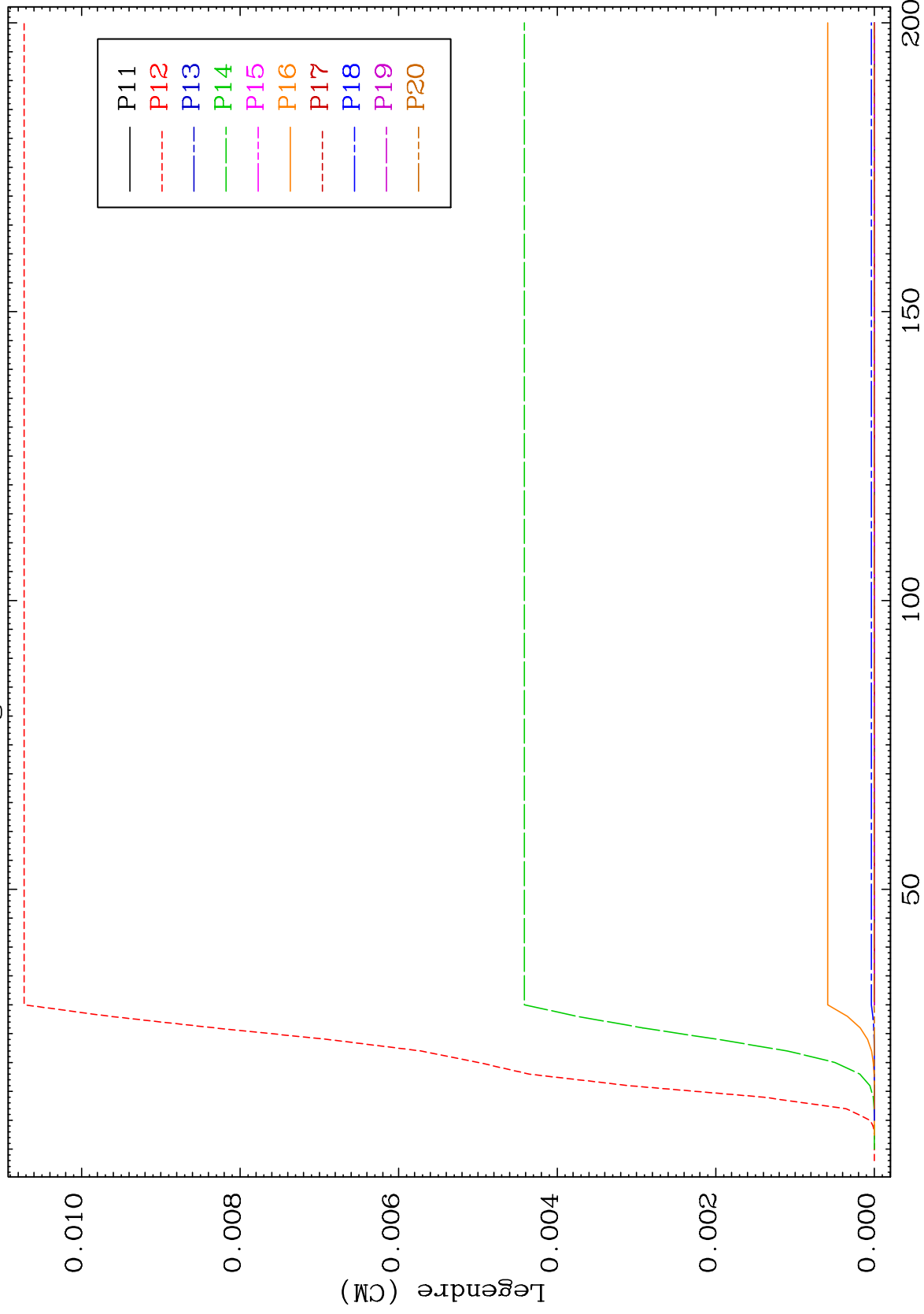
30-Zn-72



MAT 3049

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

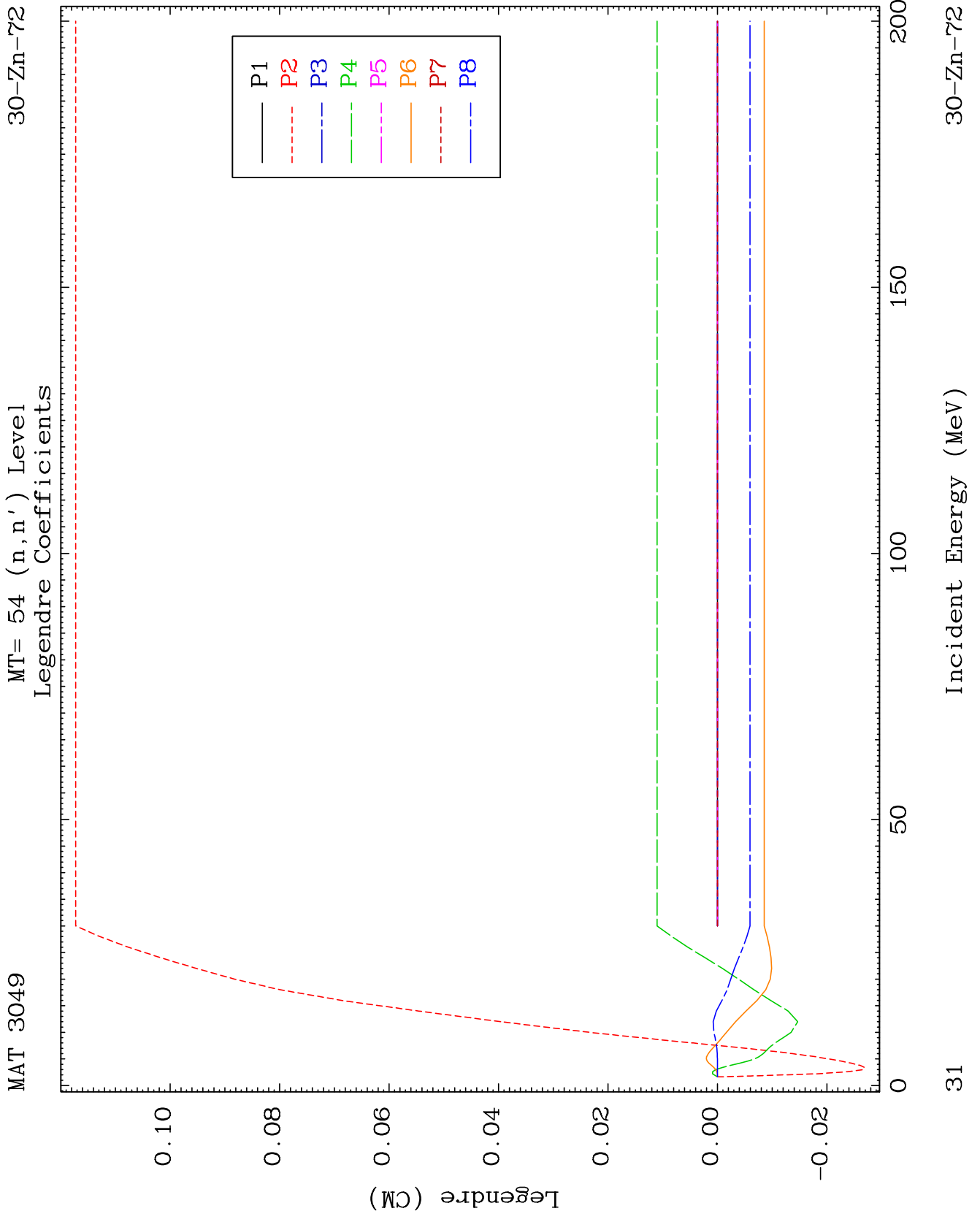
30-Zn-72



29

Incident Energy (MeV)

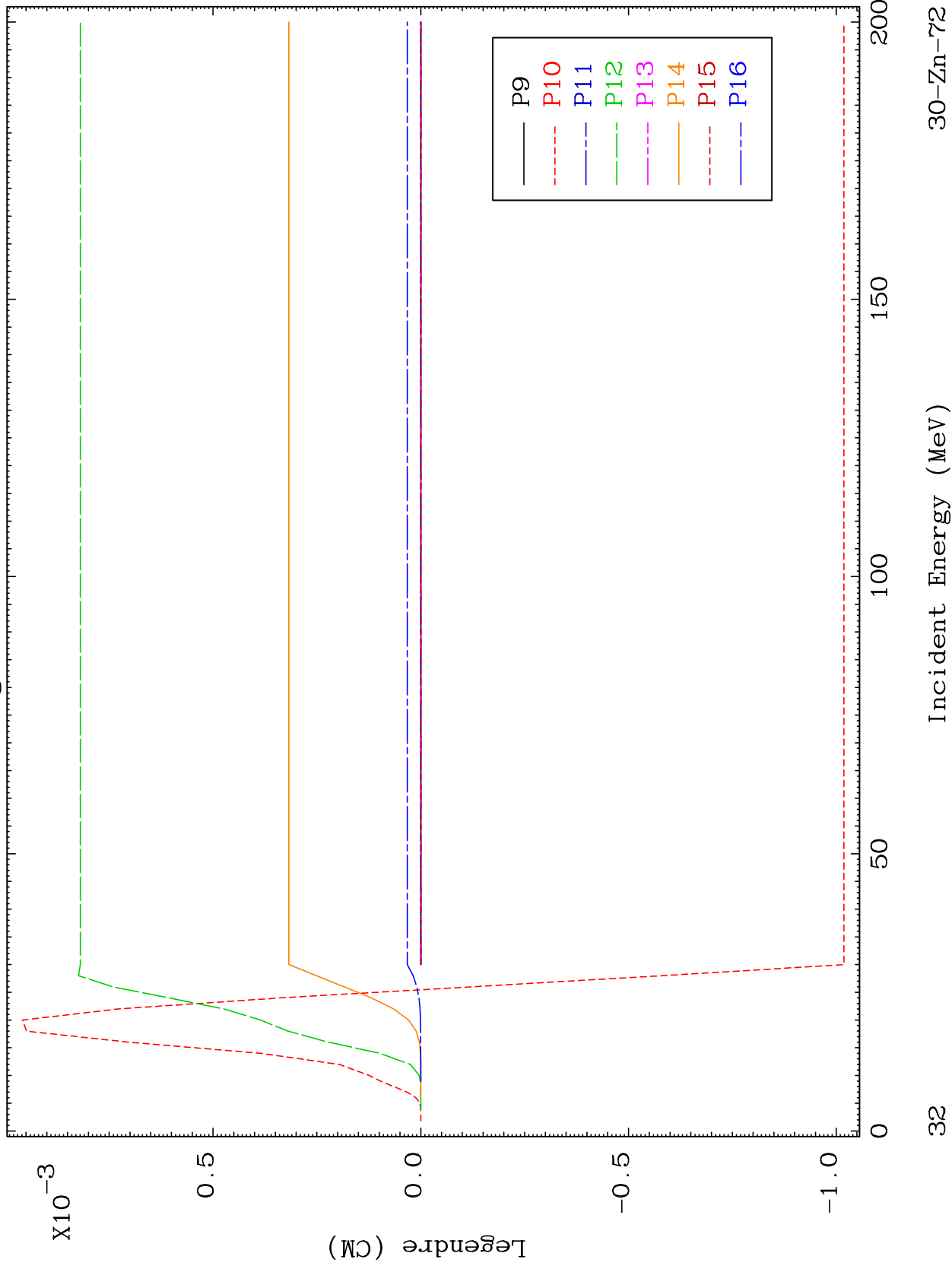
30-Zn-72



MAT 3049

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

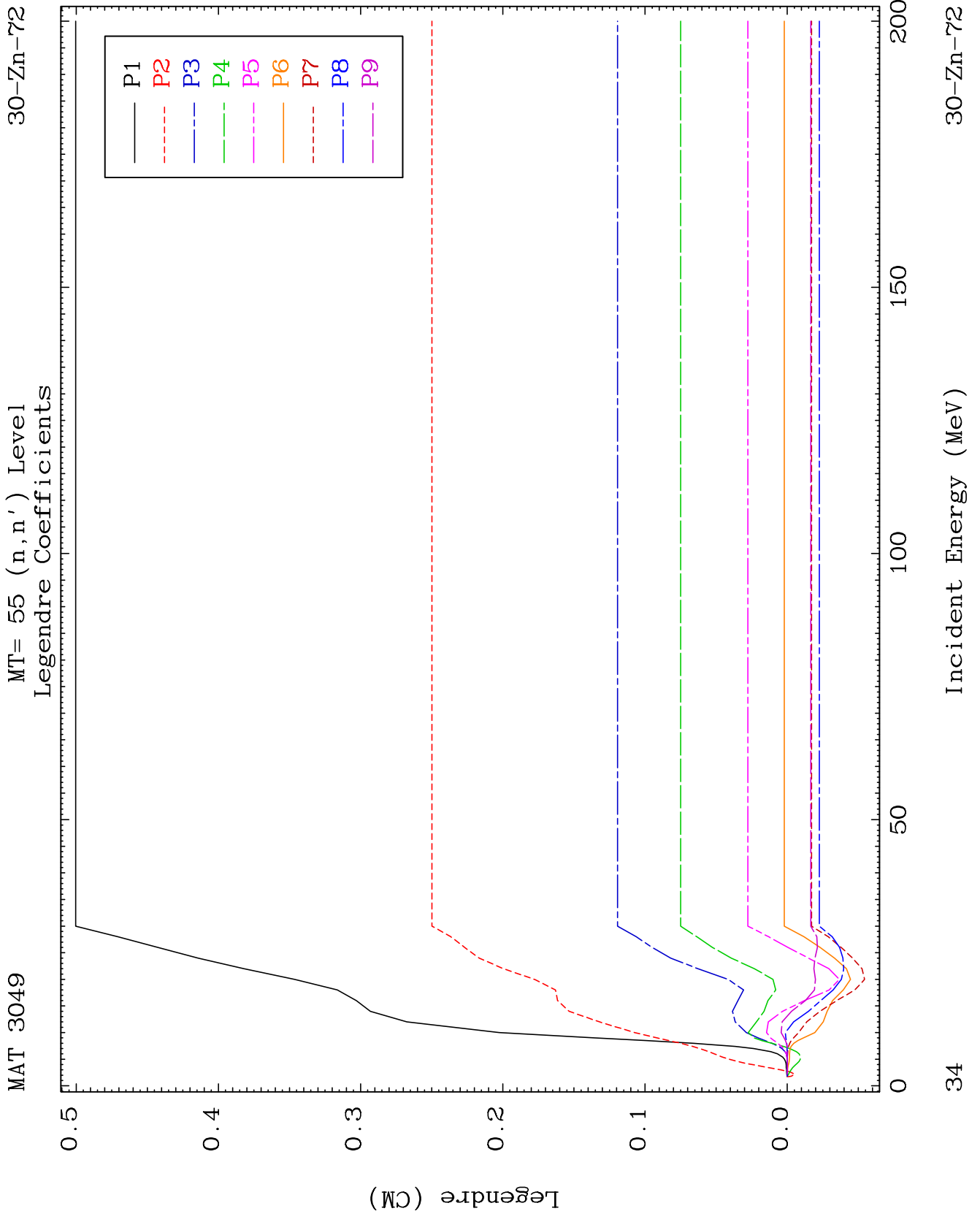
30-Zn-72

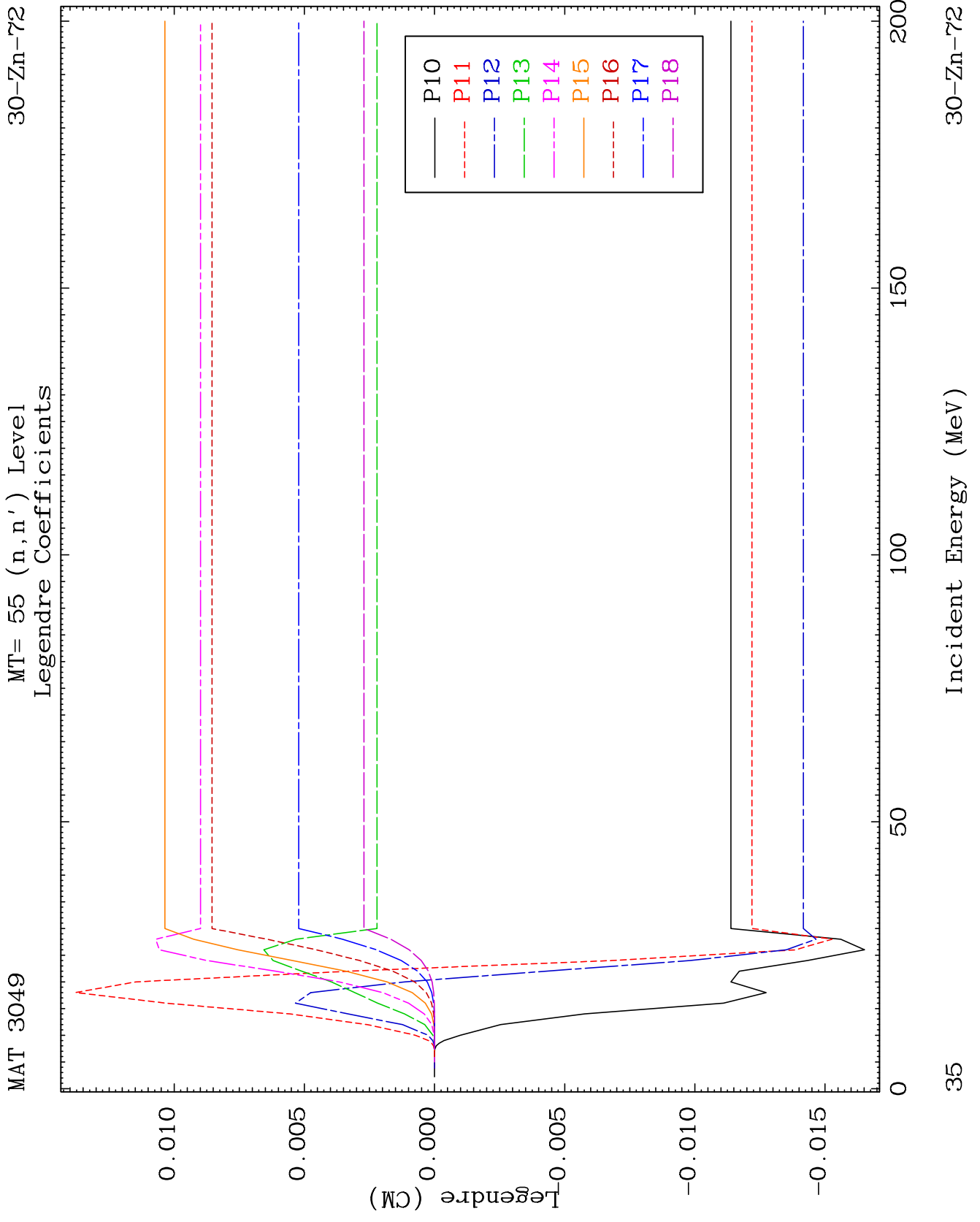


32

Incident Energy (MeV)

30-Zn-72

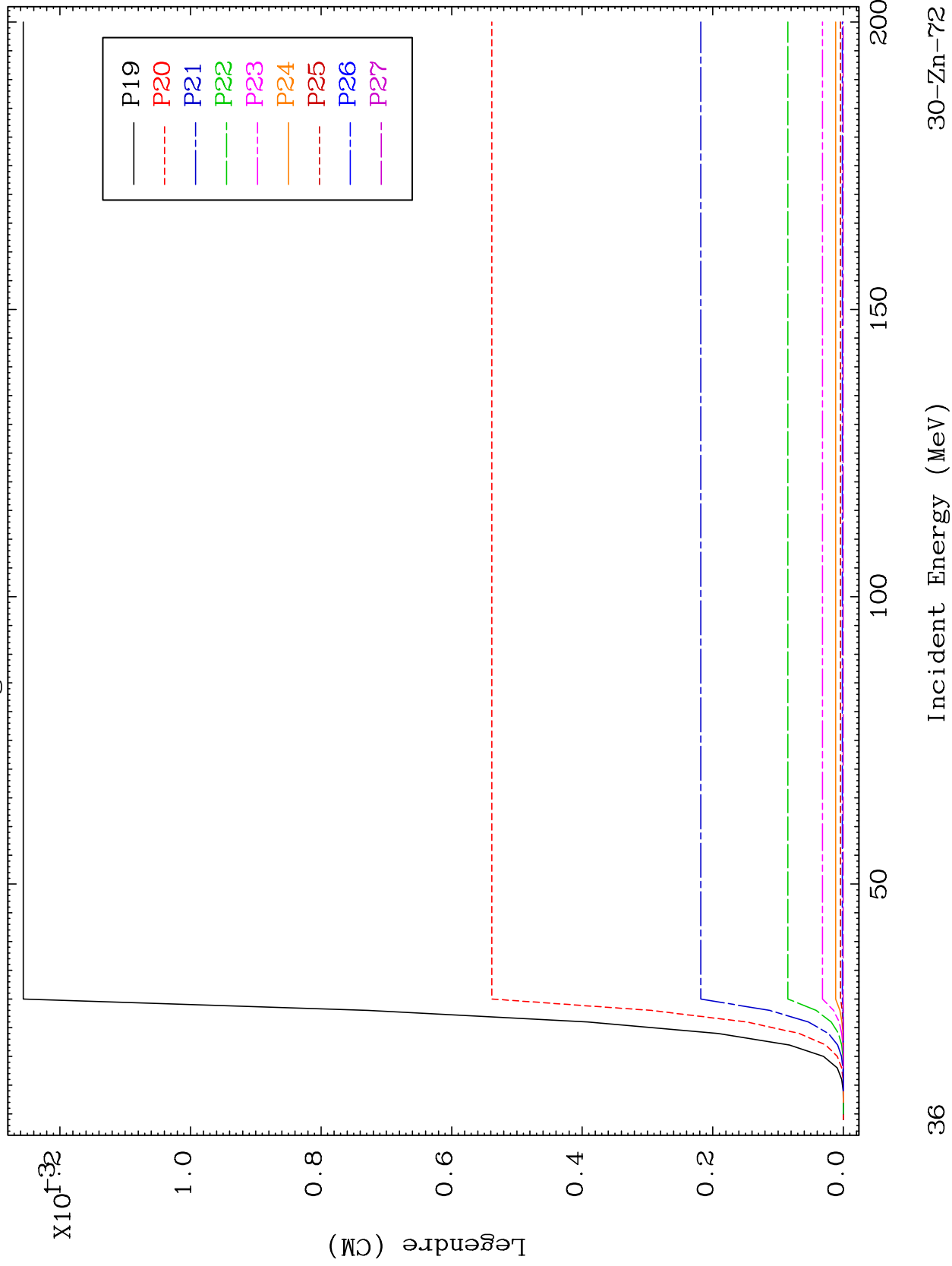




MAT 3049

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

30-Zn-72



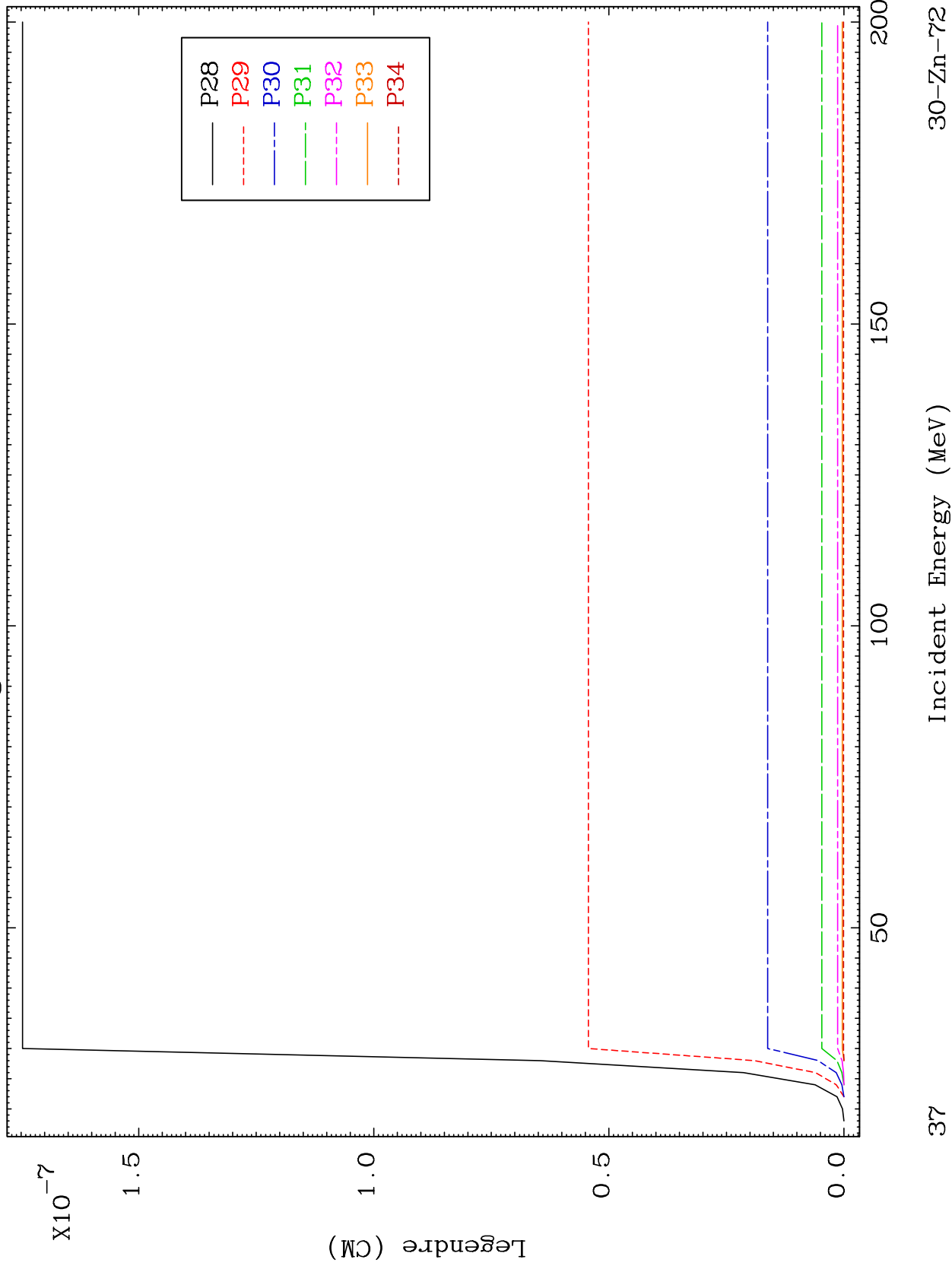
36

30-Zn-72

MAT 3049

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

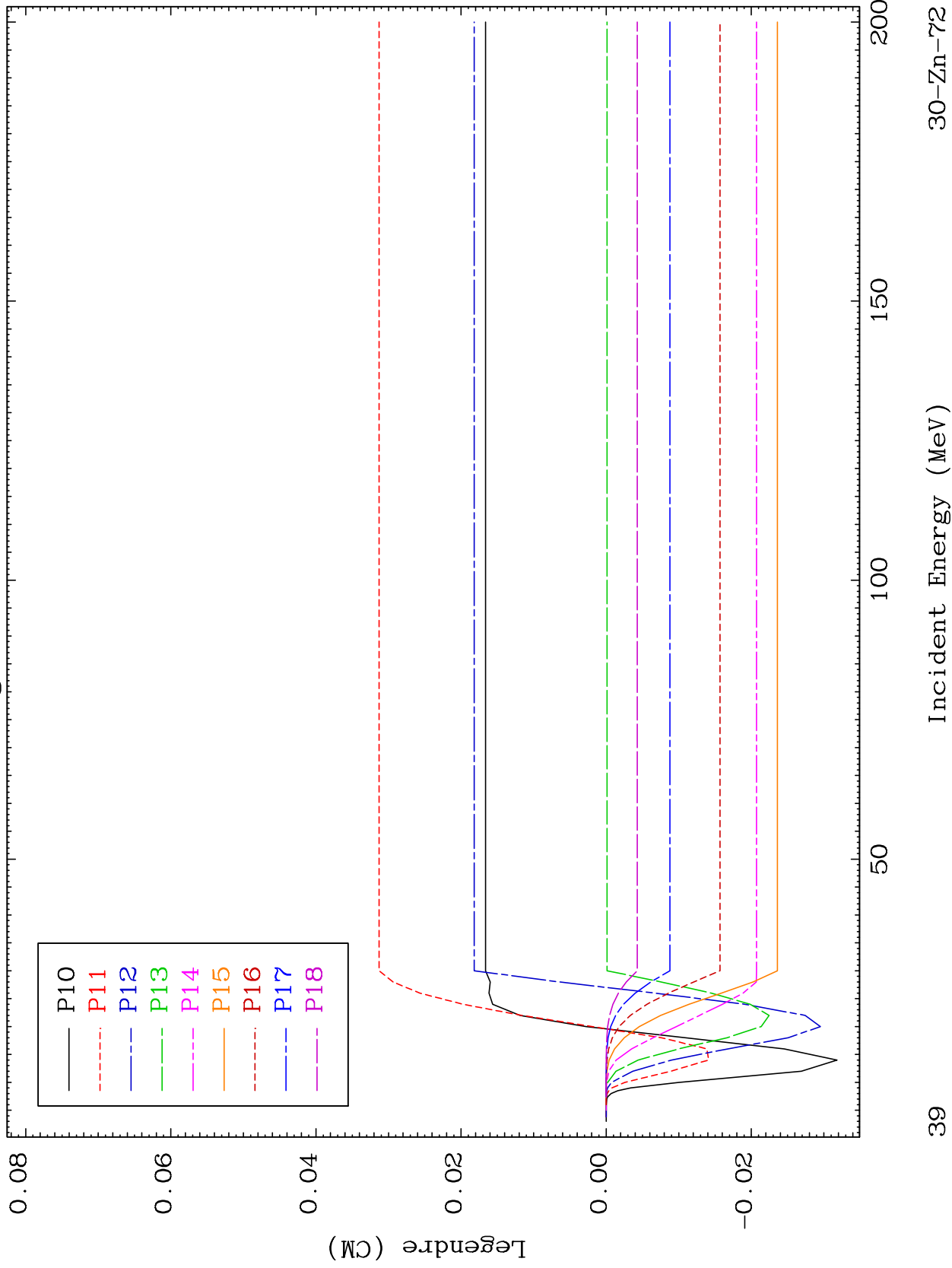
30-Zn-72



MAT 3049

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

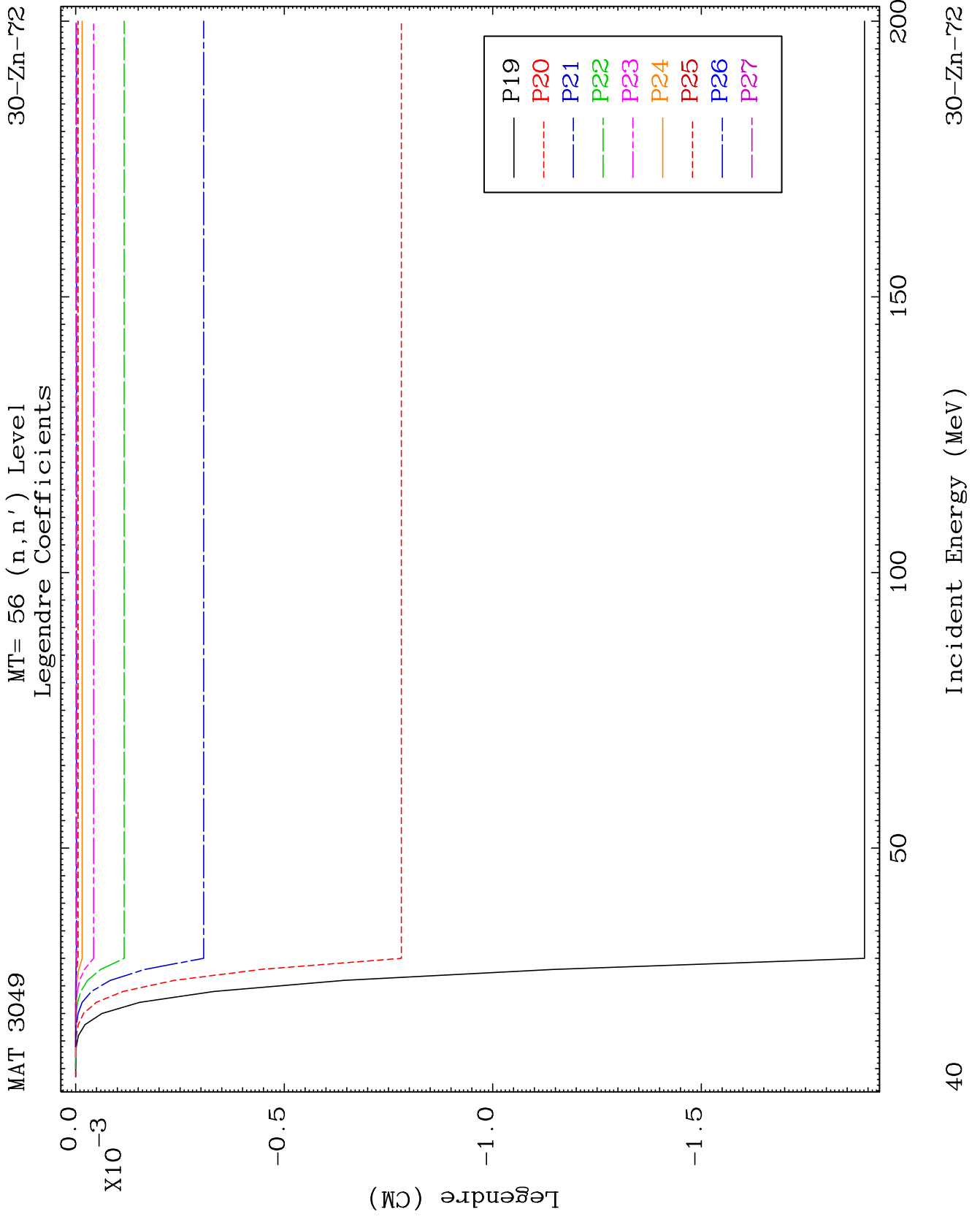
30-Zn-72

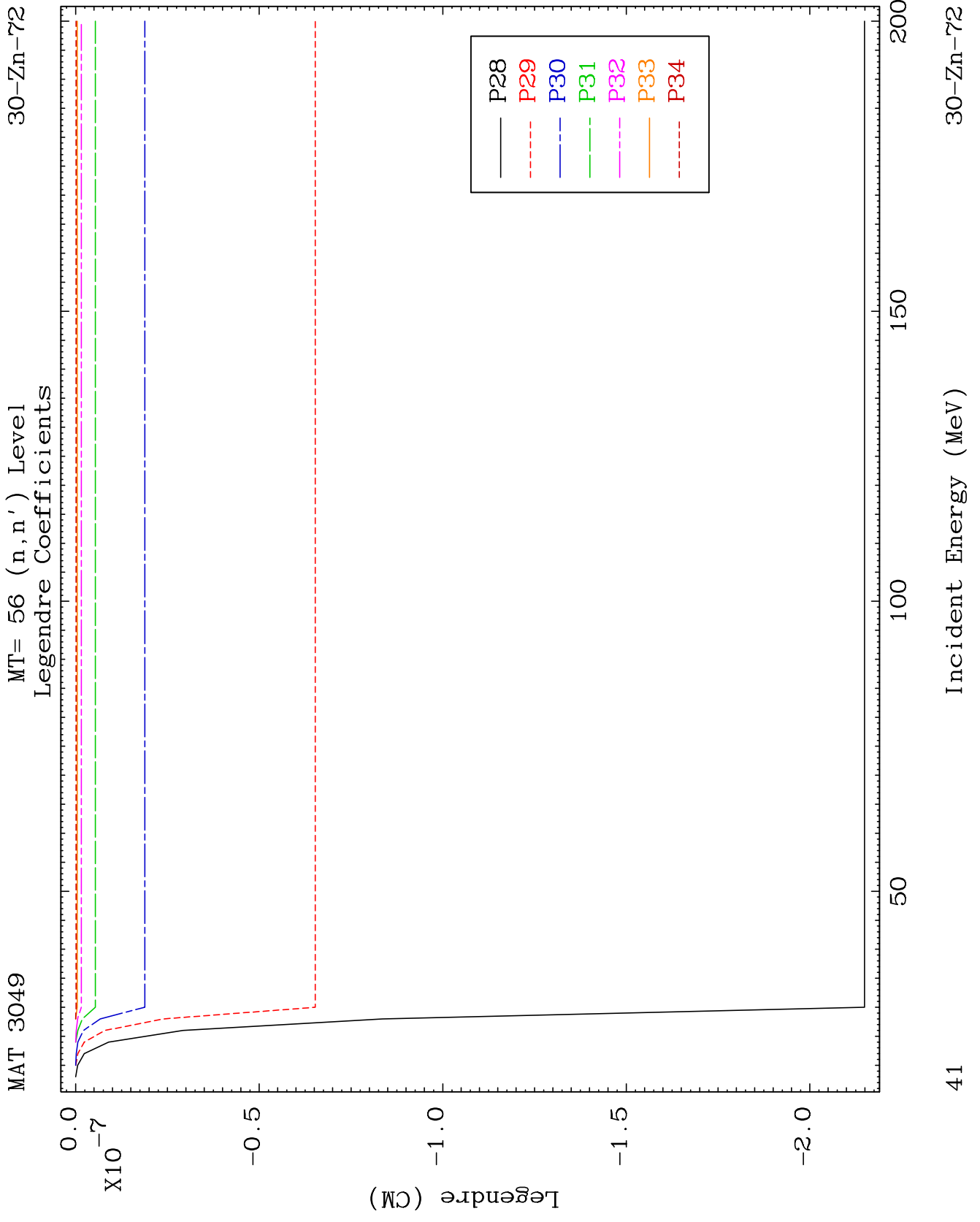


39

Incident Energy (MeV)

30-Zn-72

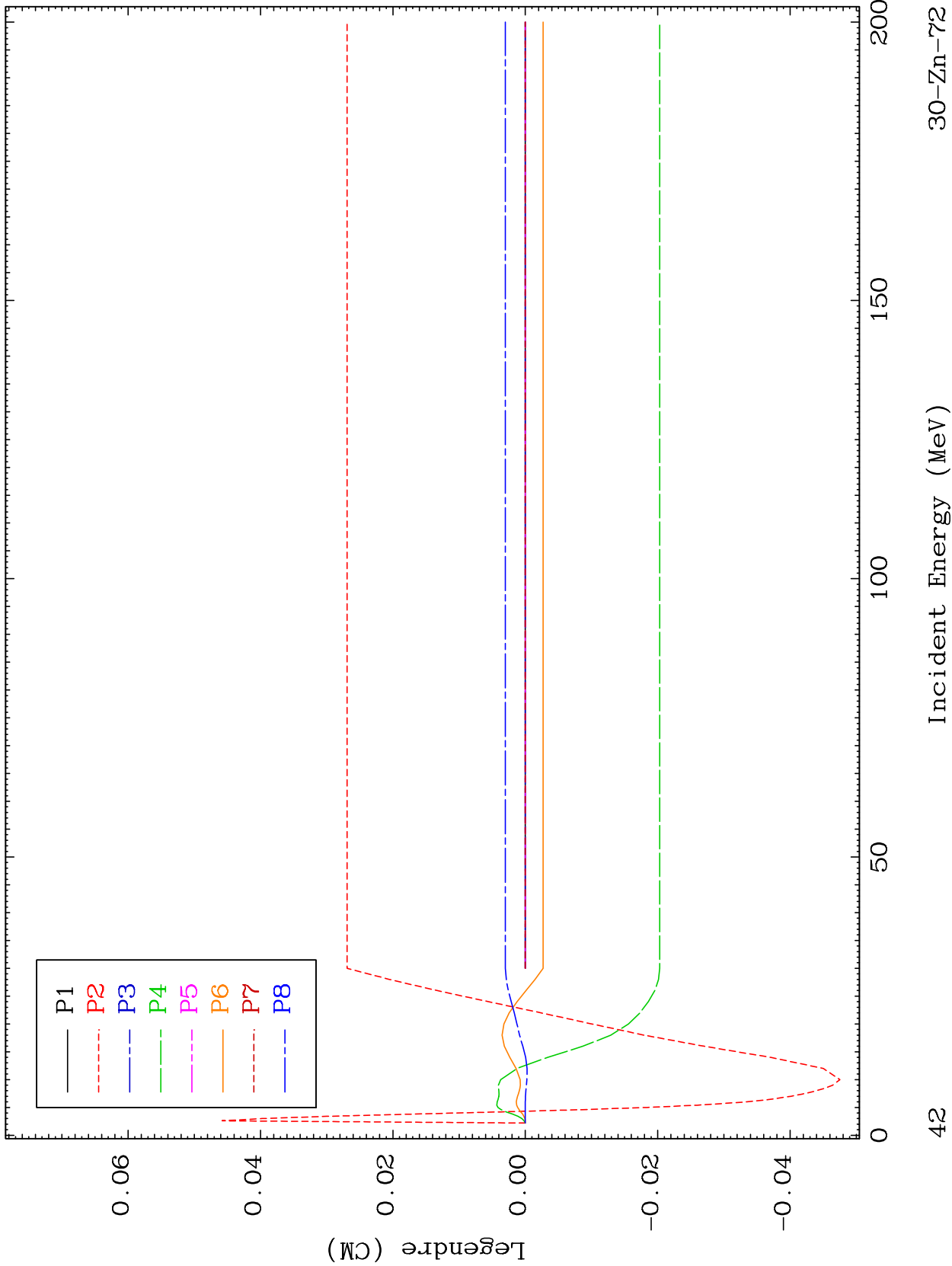




MAT 3049

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

30-Zn-72



42

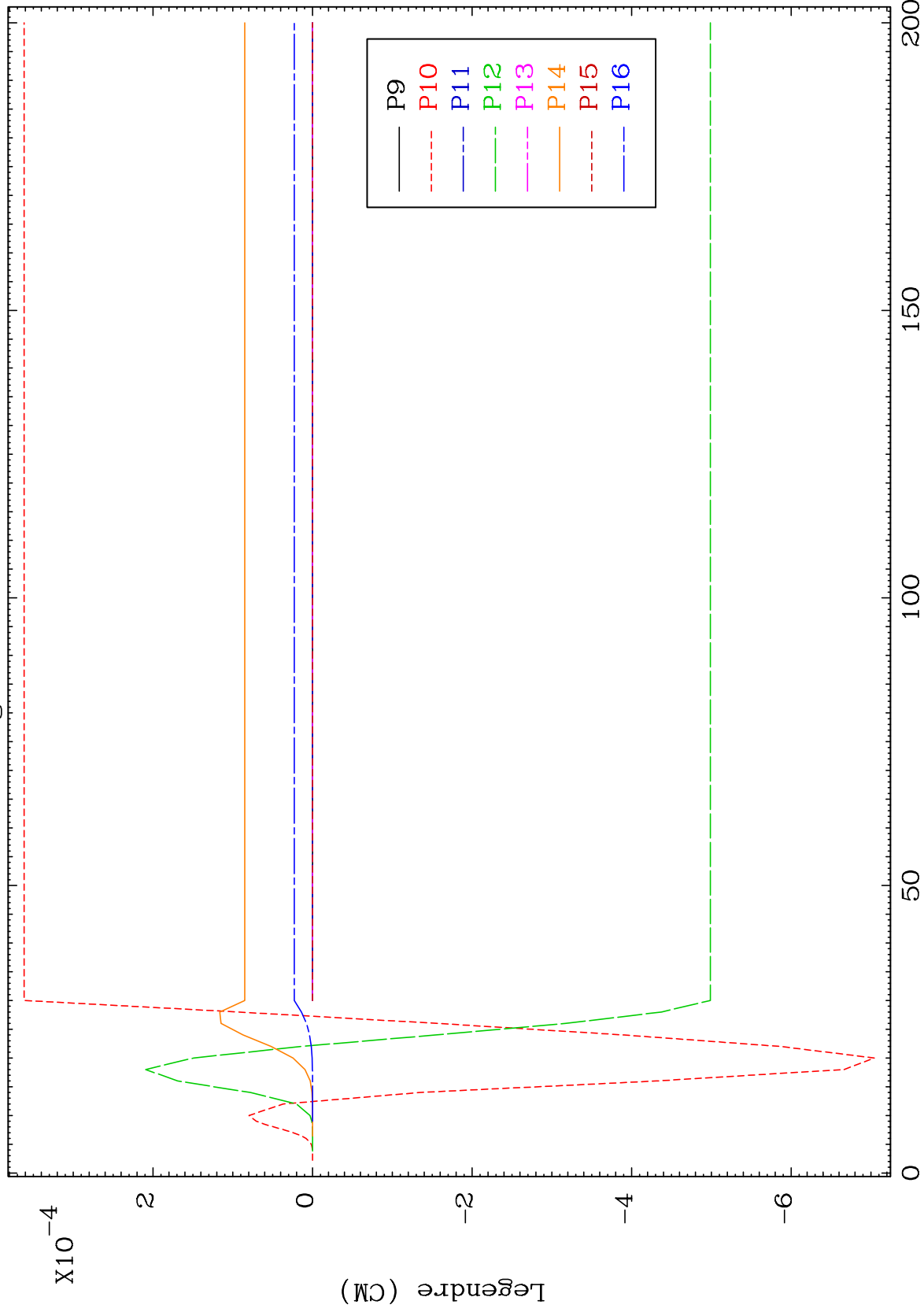
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

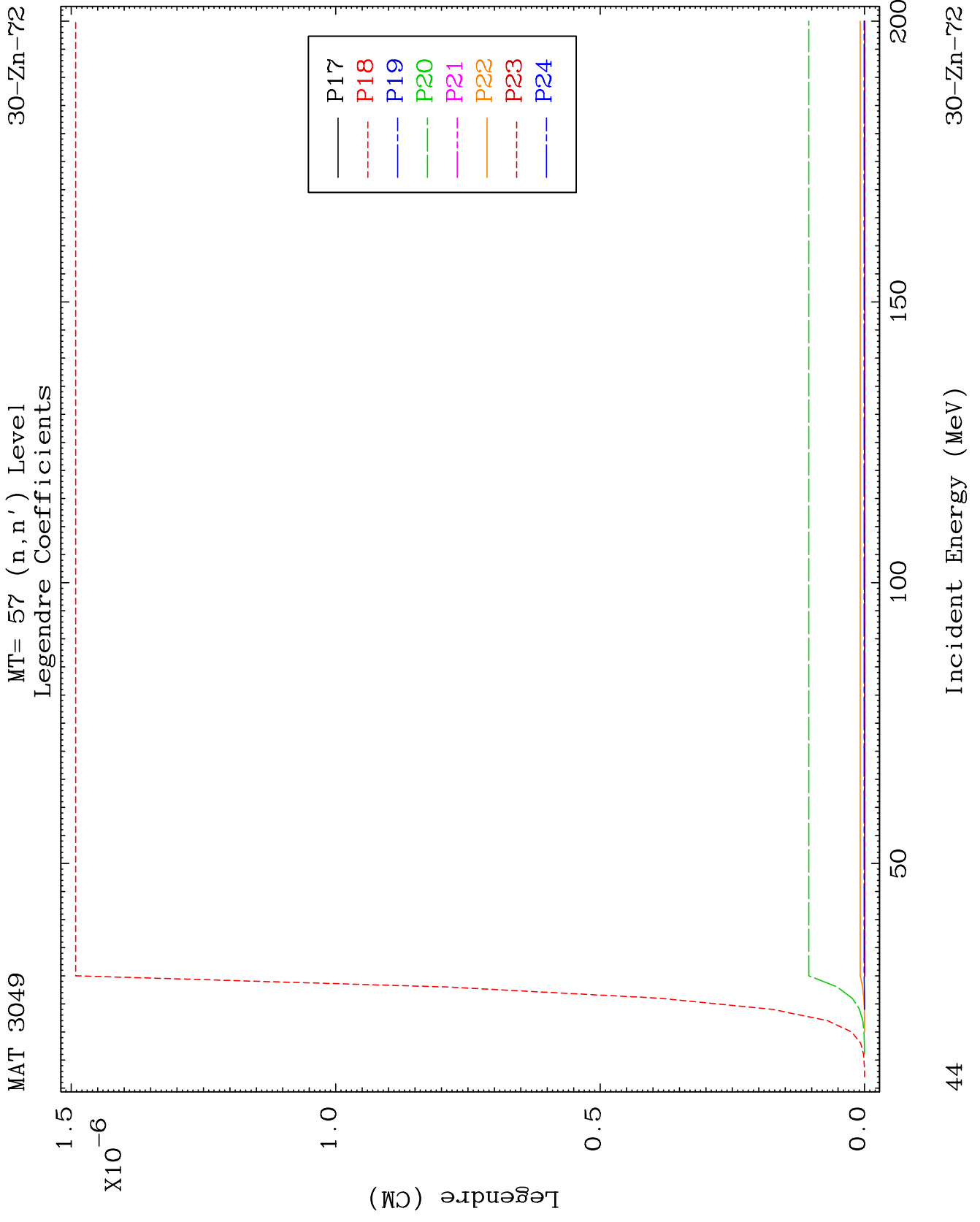
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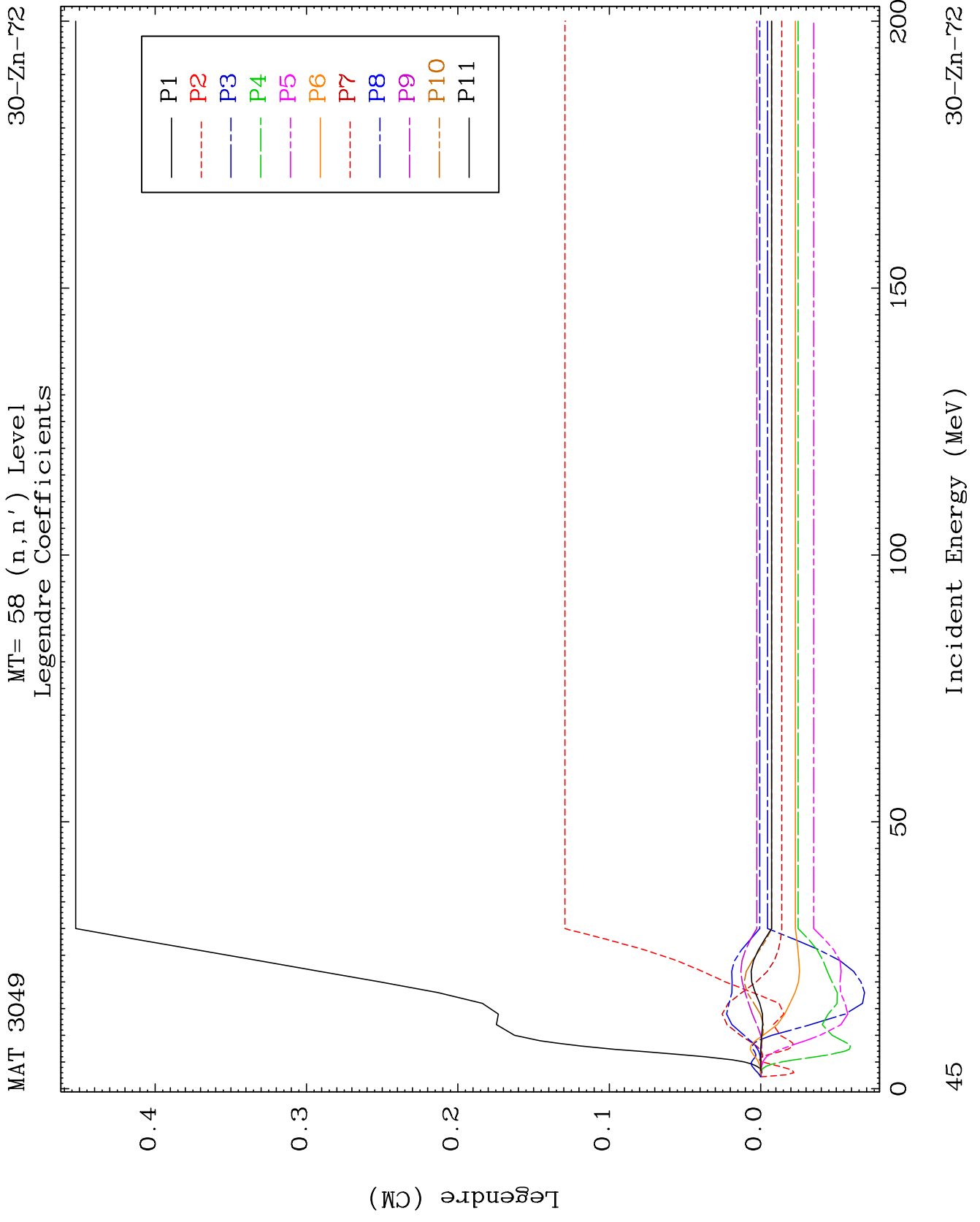


43

Incident Energy (MeV)

30-Zn-72

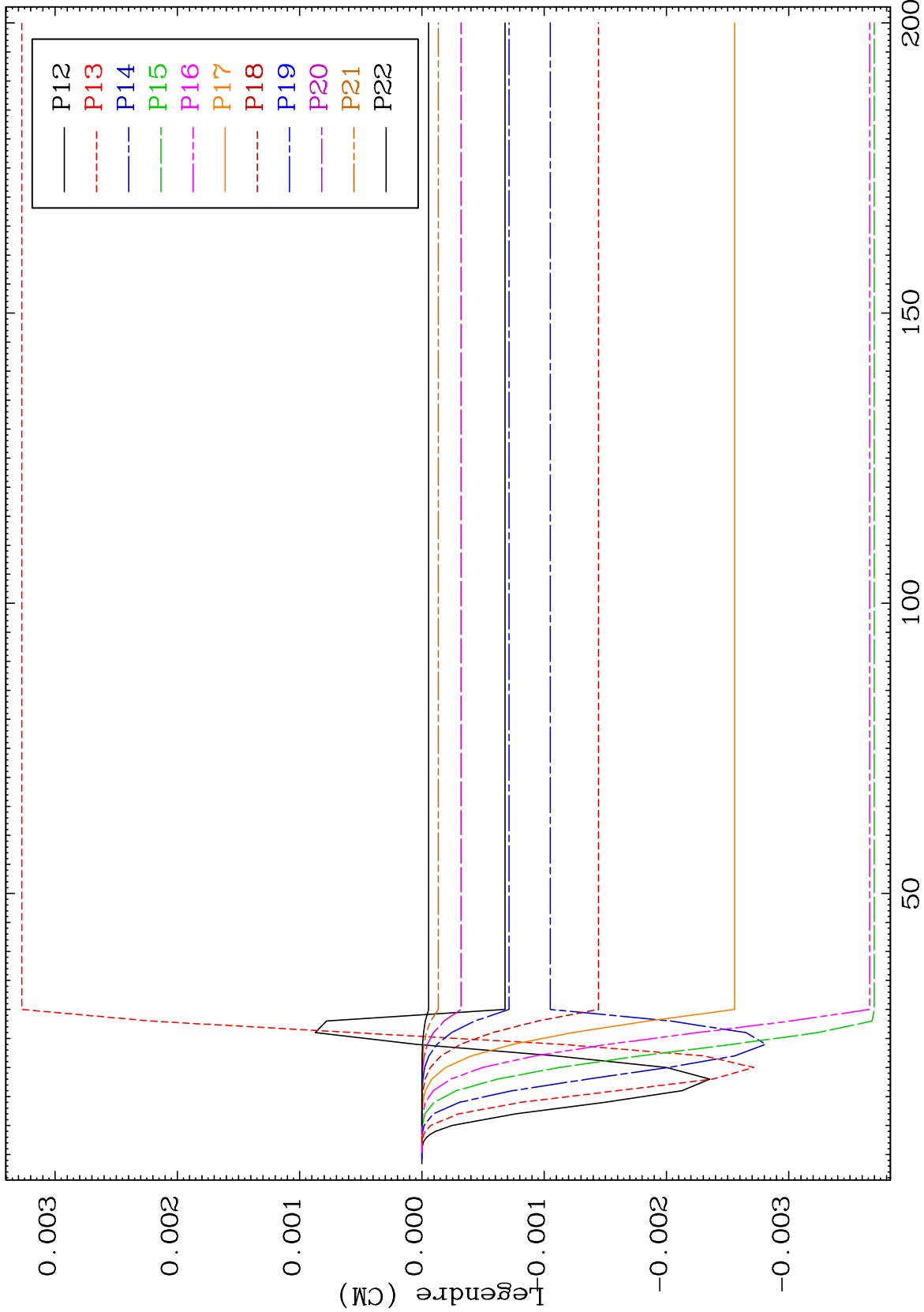




MAT 3049

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

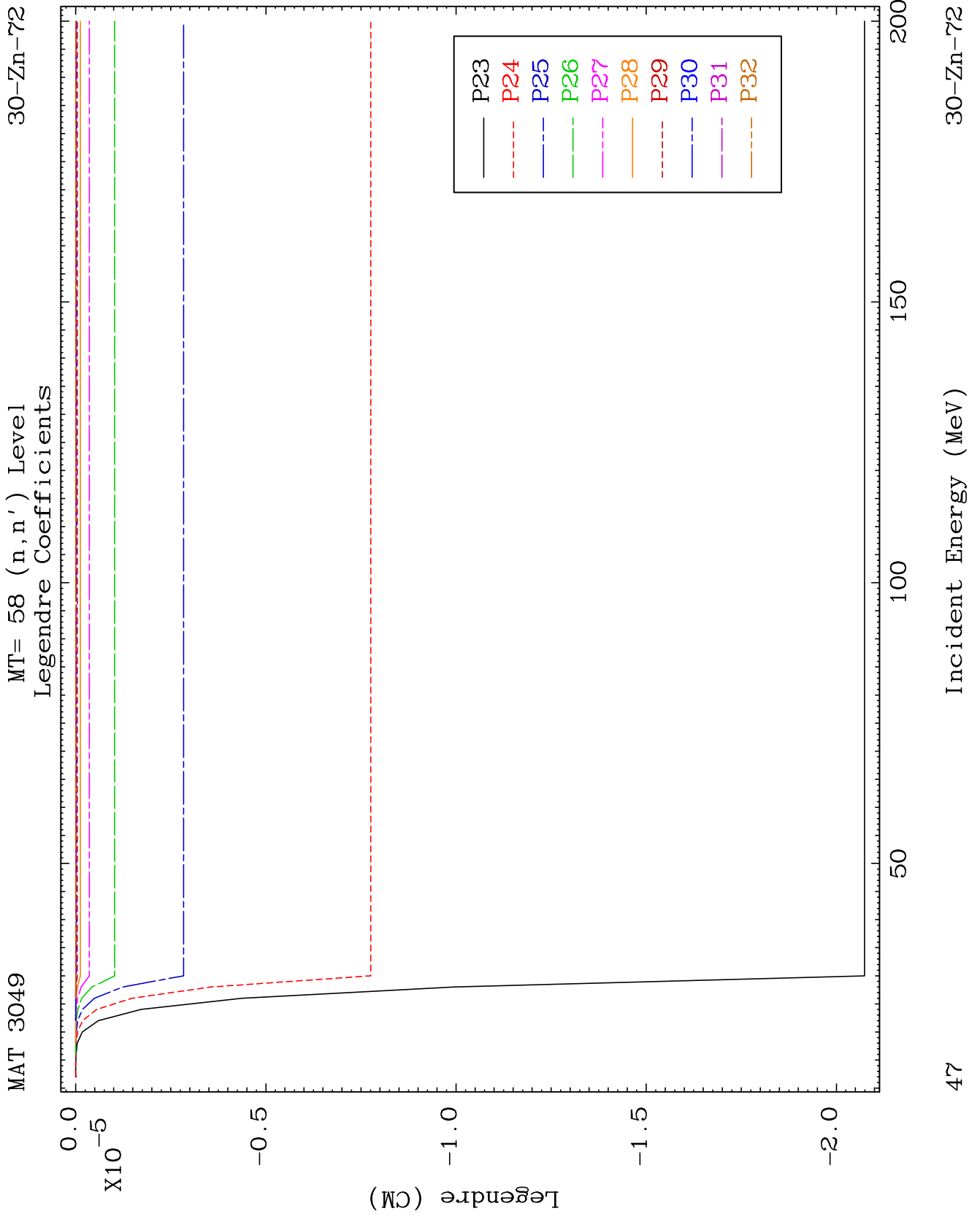
30-Zn-72



46

Incident Energy (MeV)

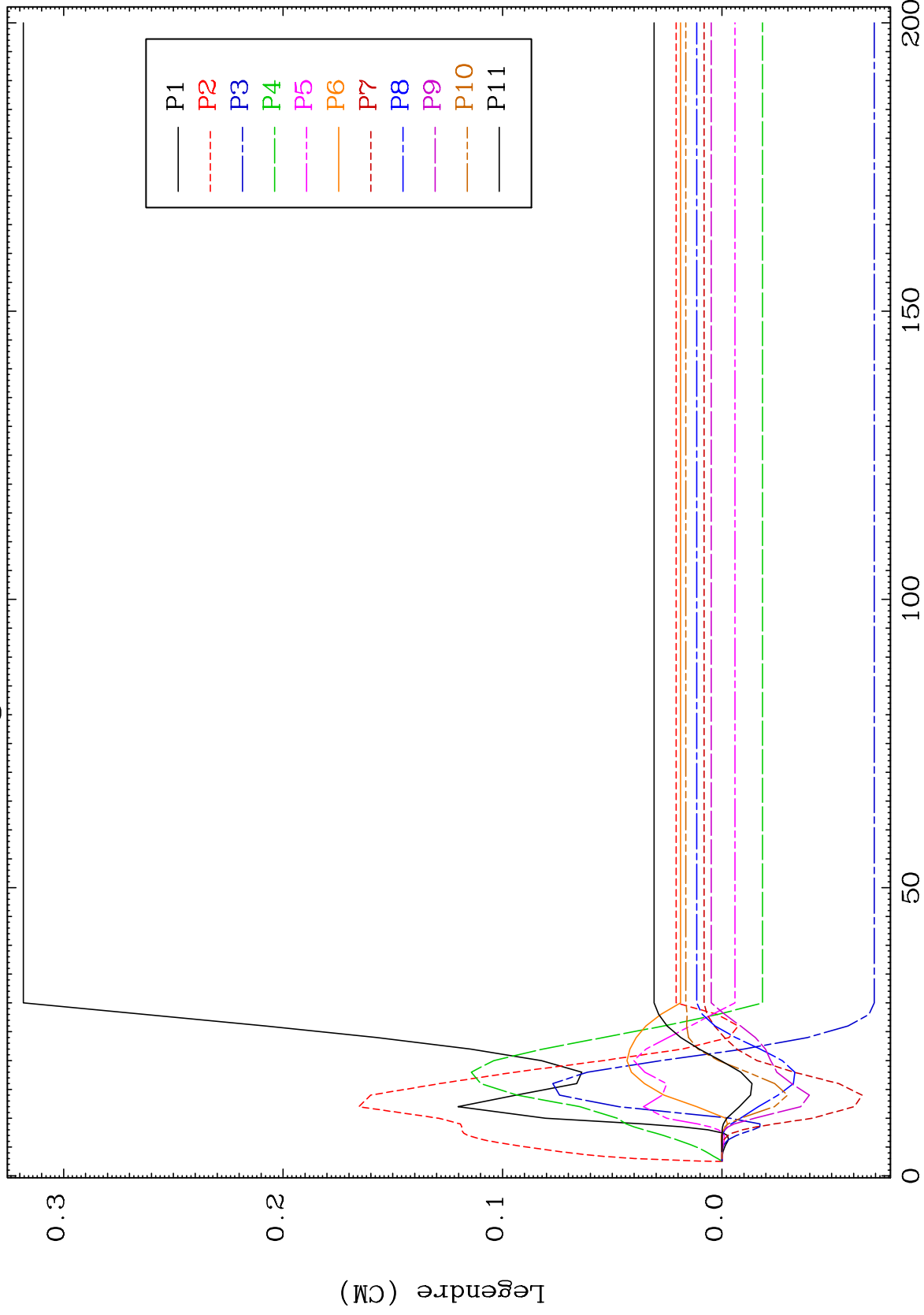
30-Zn-72



MAT 3049

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

30-Zn-72



48

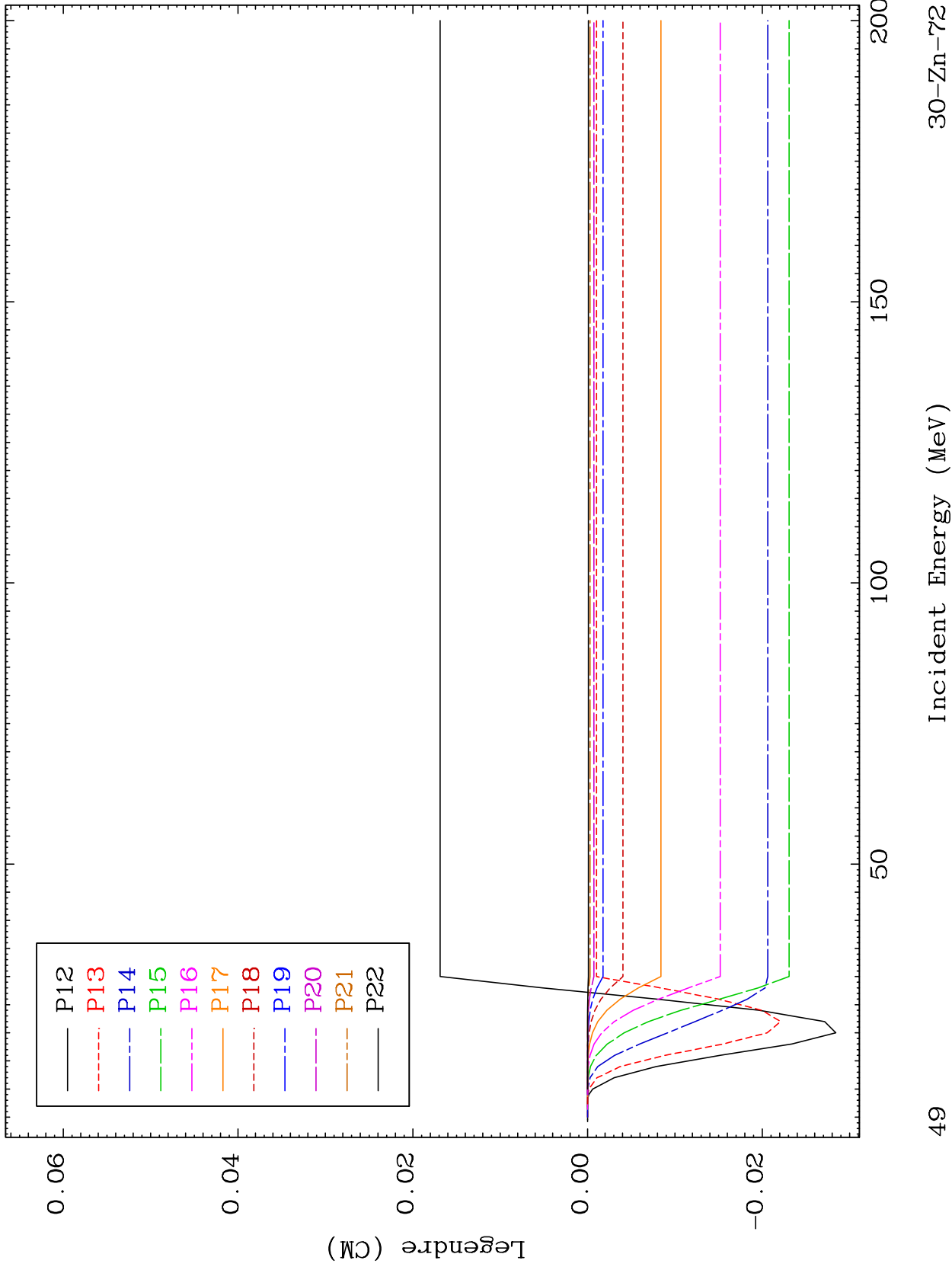
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

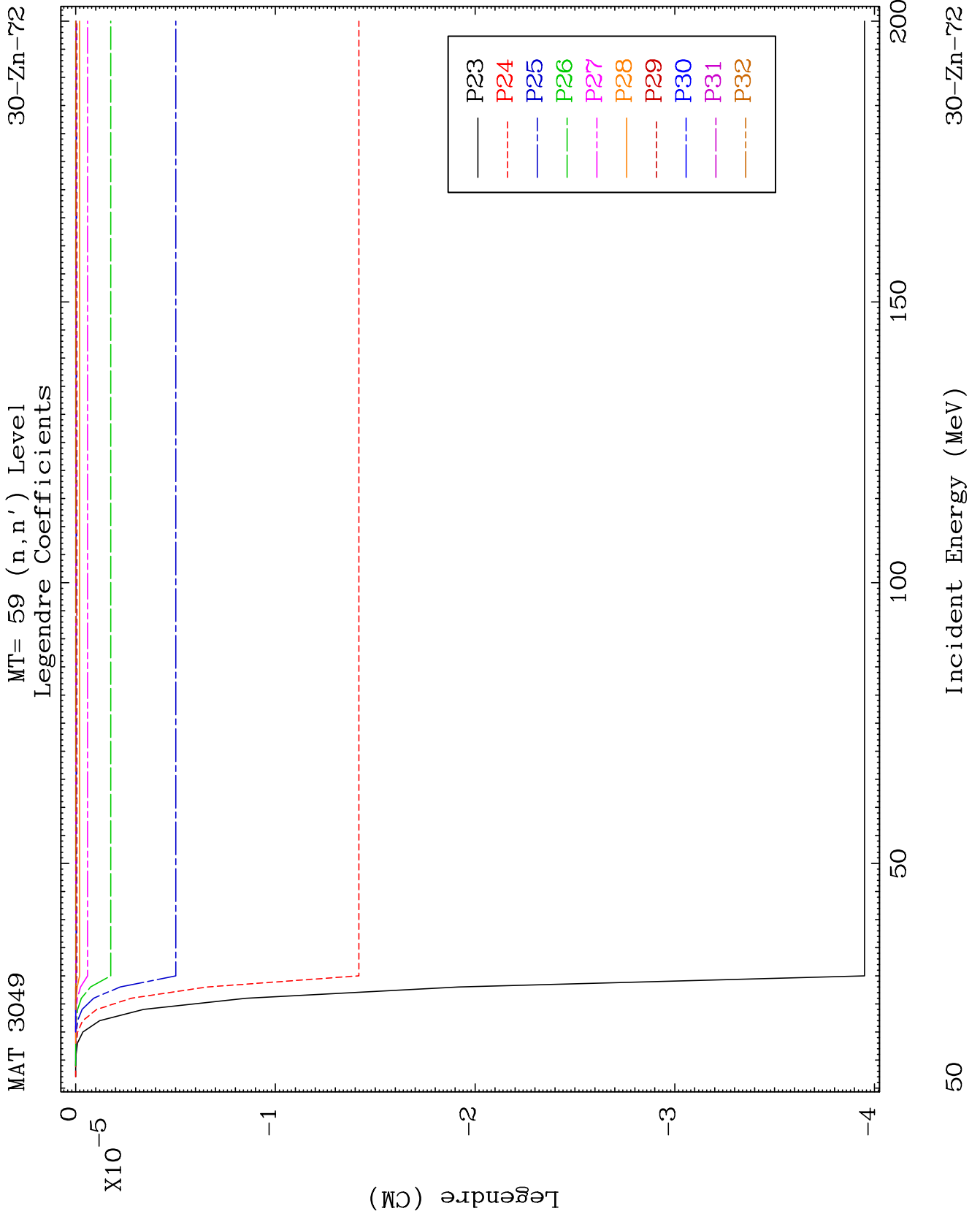
30-Zn-72

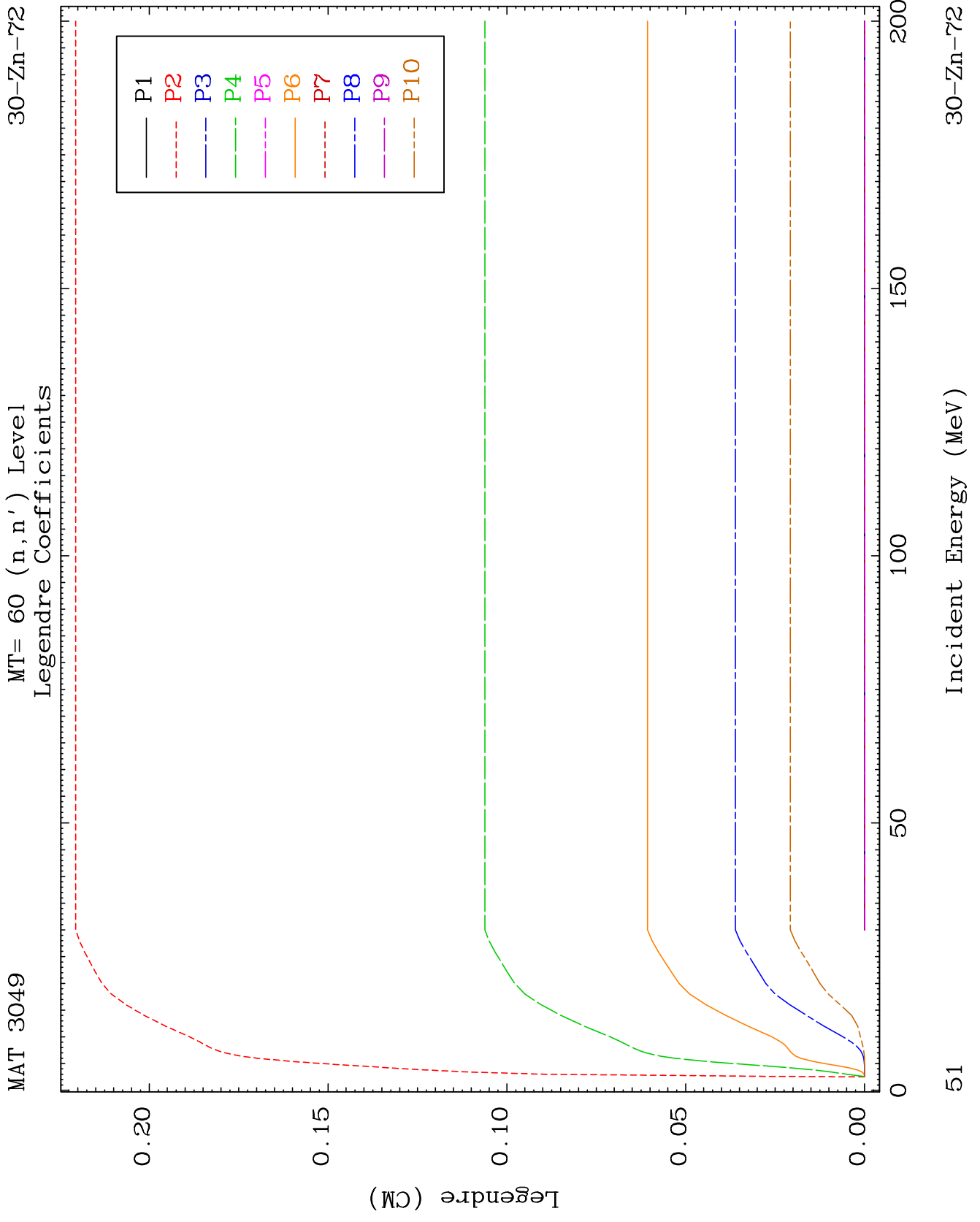


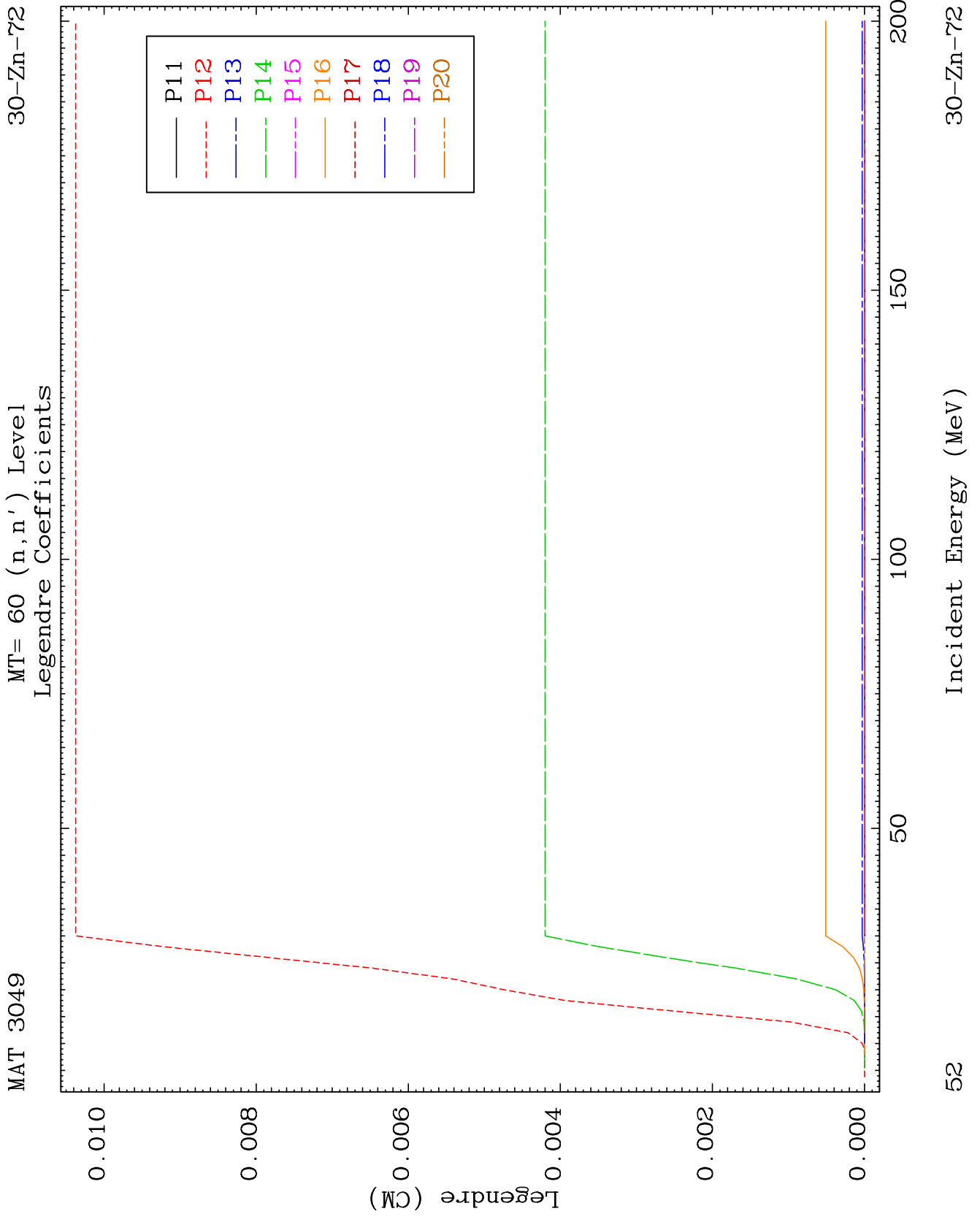
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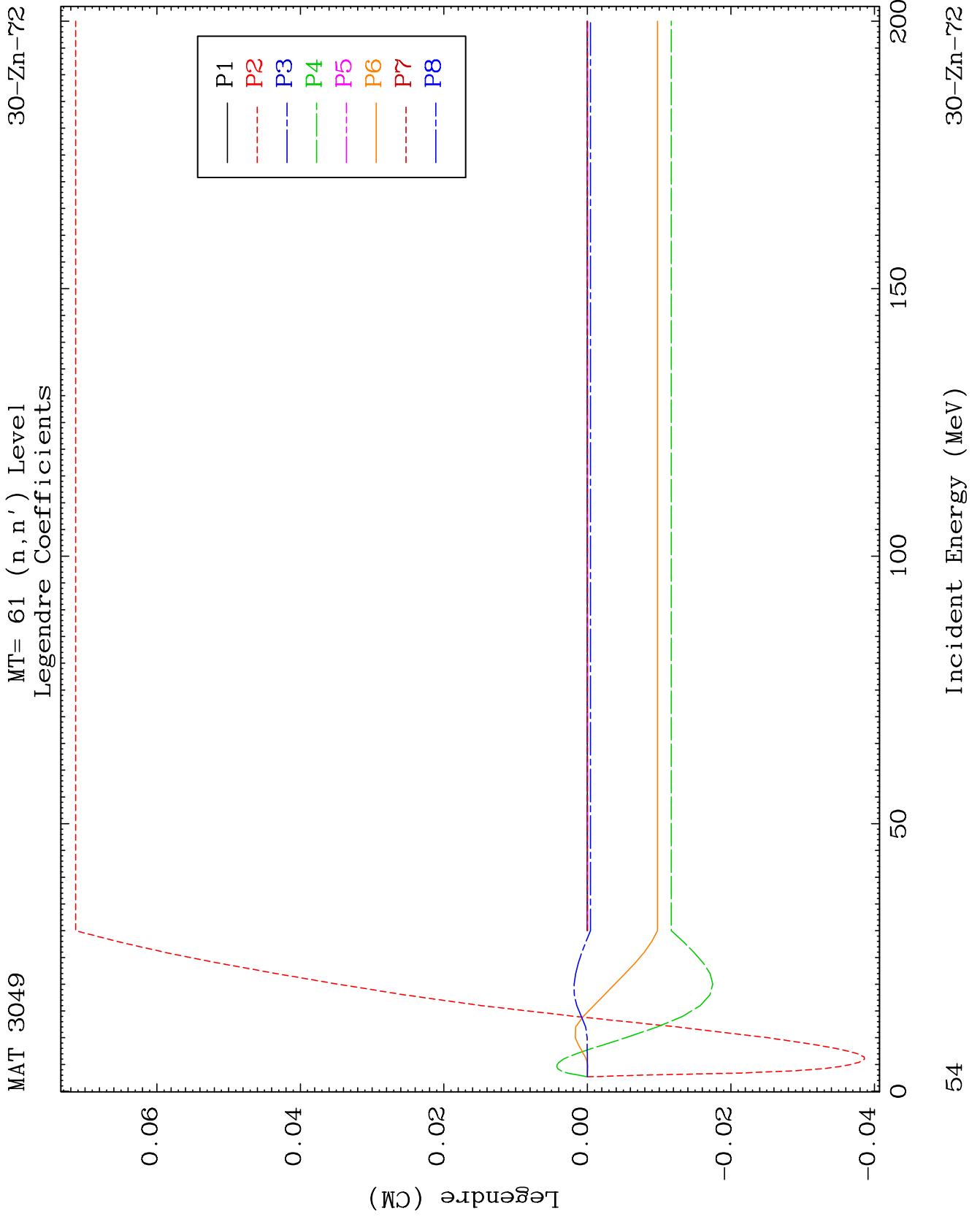
Incident Energy (MeV)

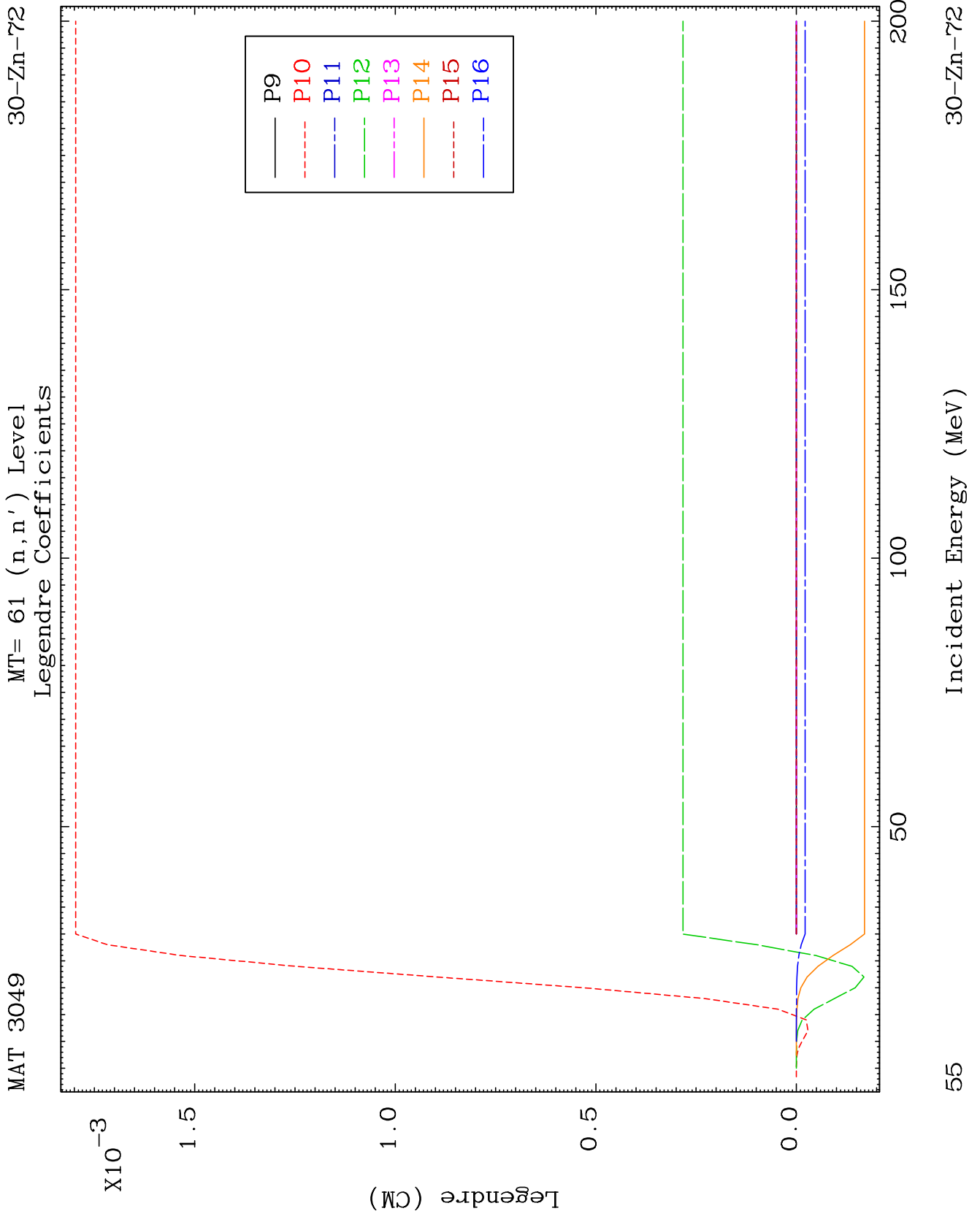
30-Zn-72

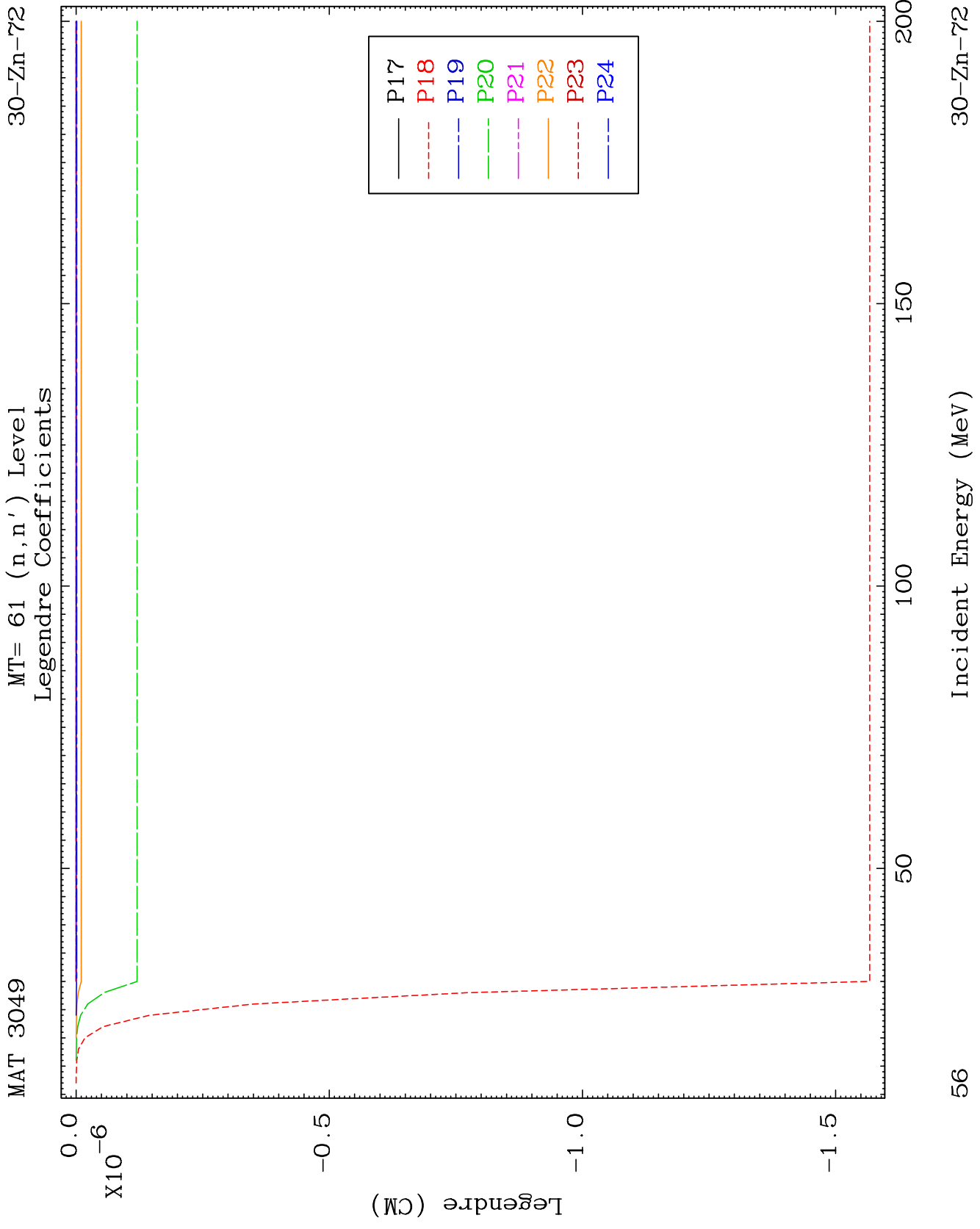








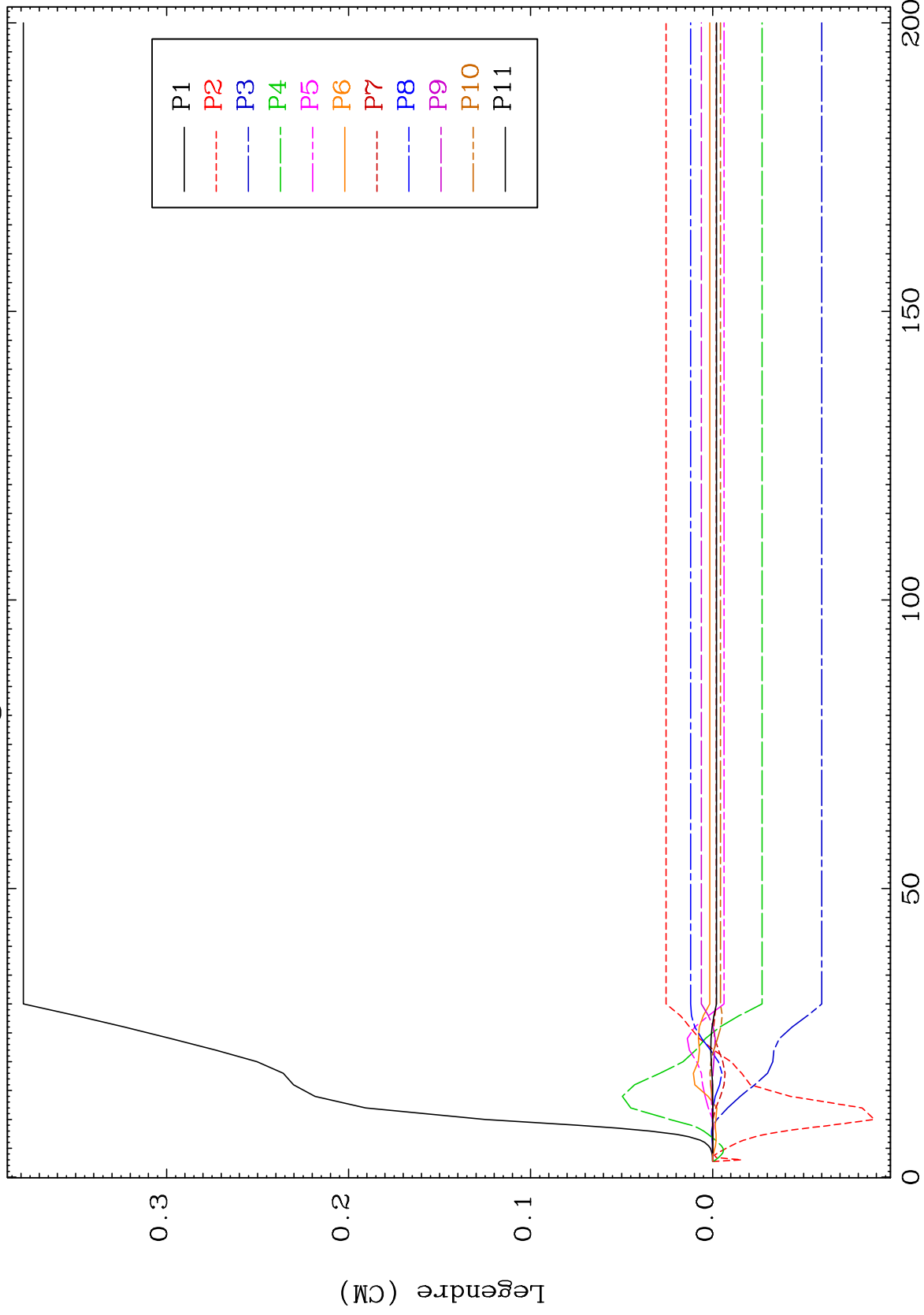




MAT 3049

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

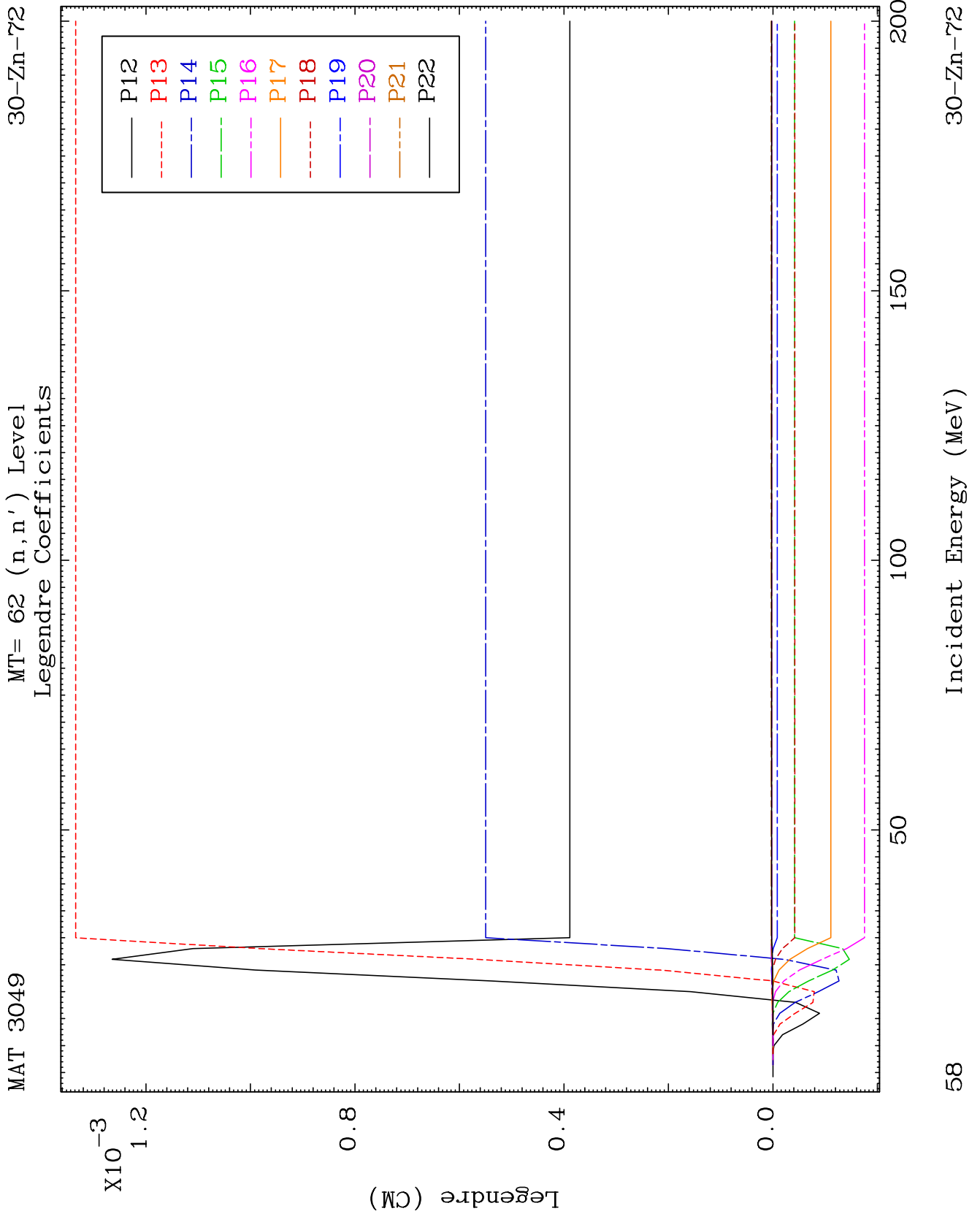
30-Zn-72



57

Incident Energy (MeV)

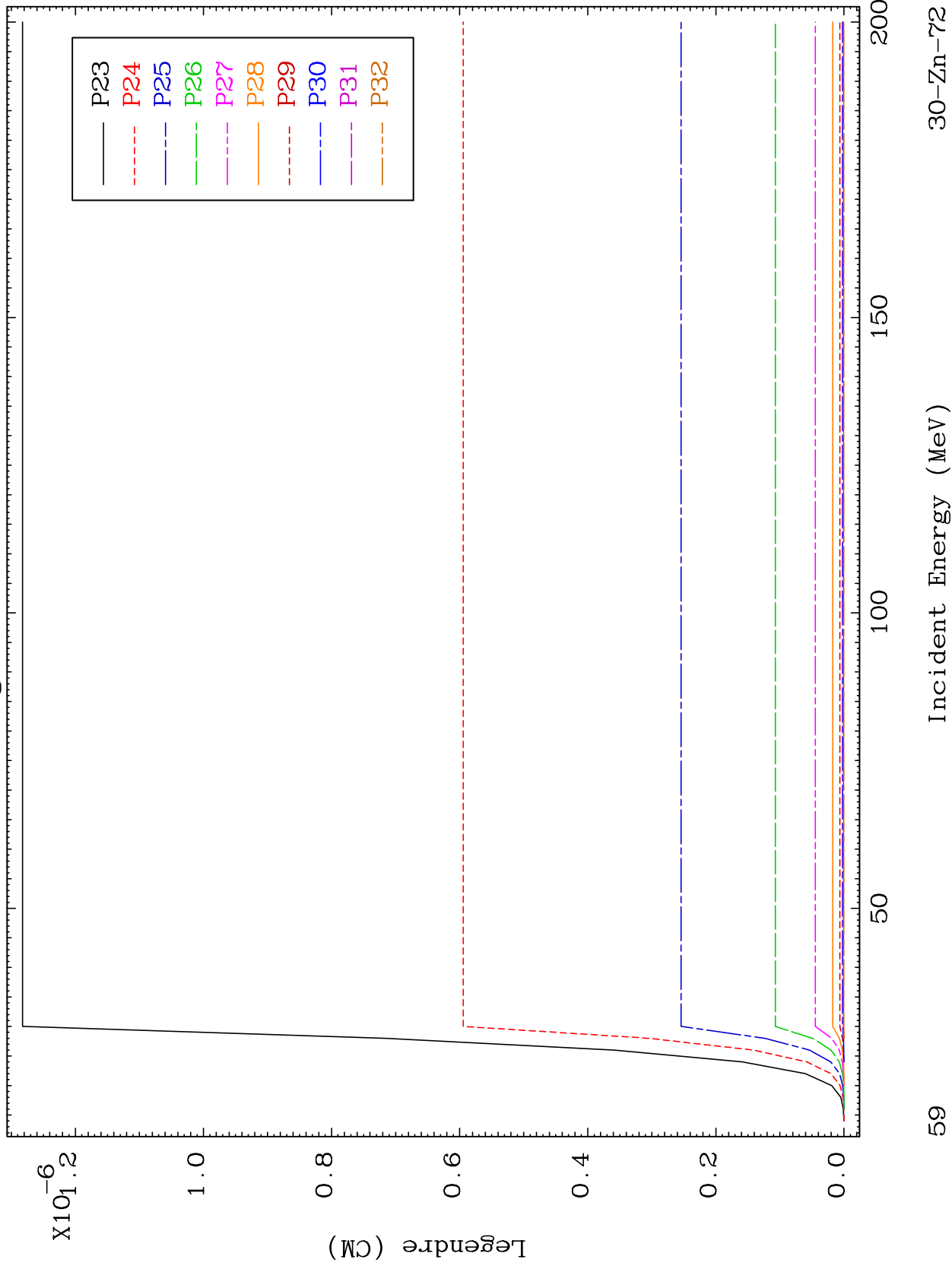
30-Zn-72



MAT 3049

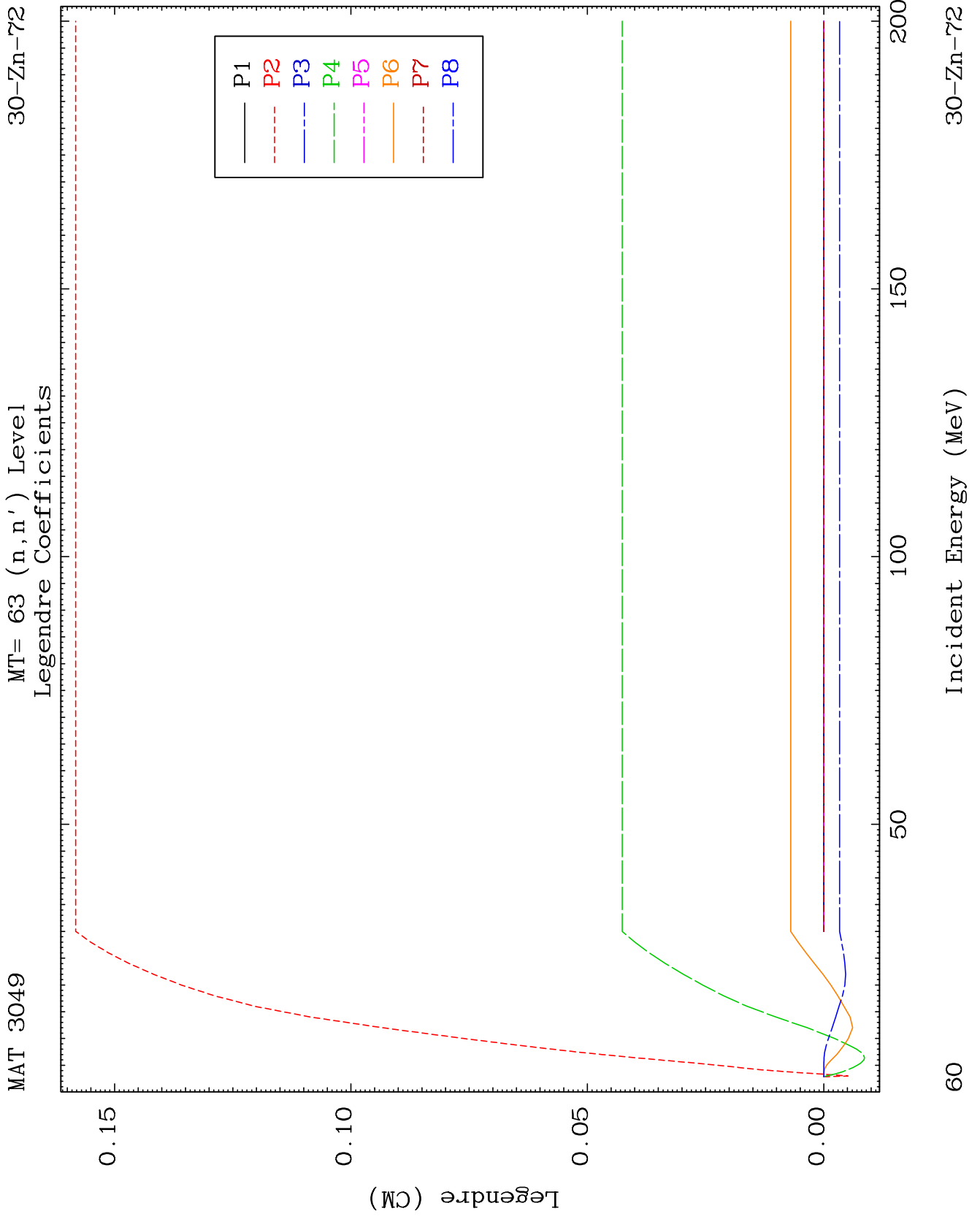
MT= 62 (n,n') Level
Legendre Coefficients

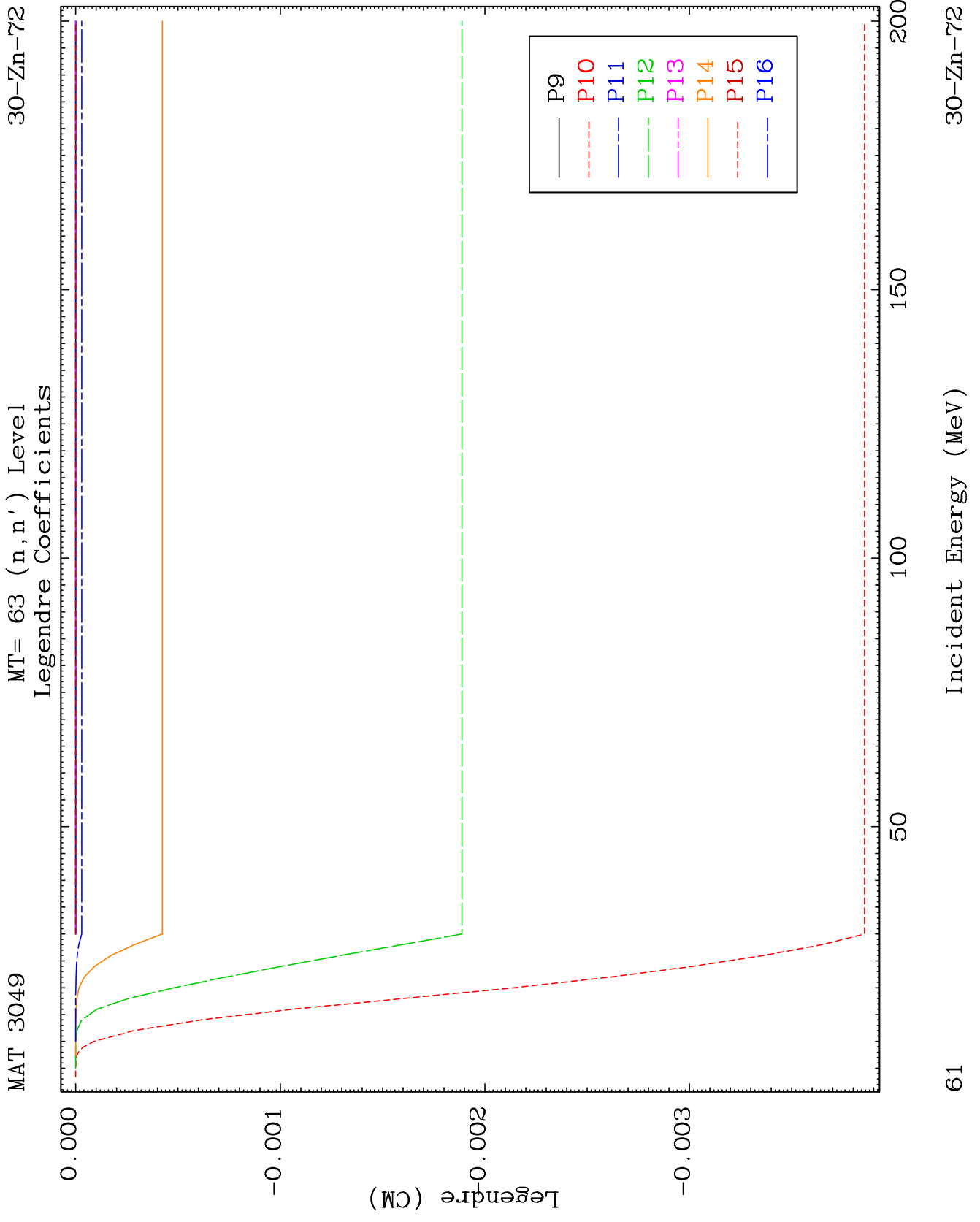
30-Zn-72

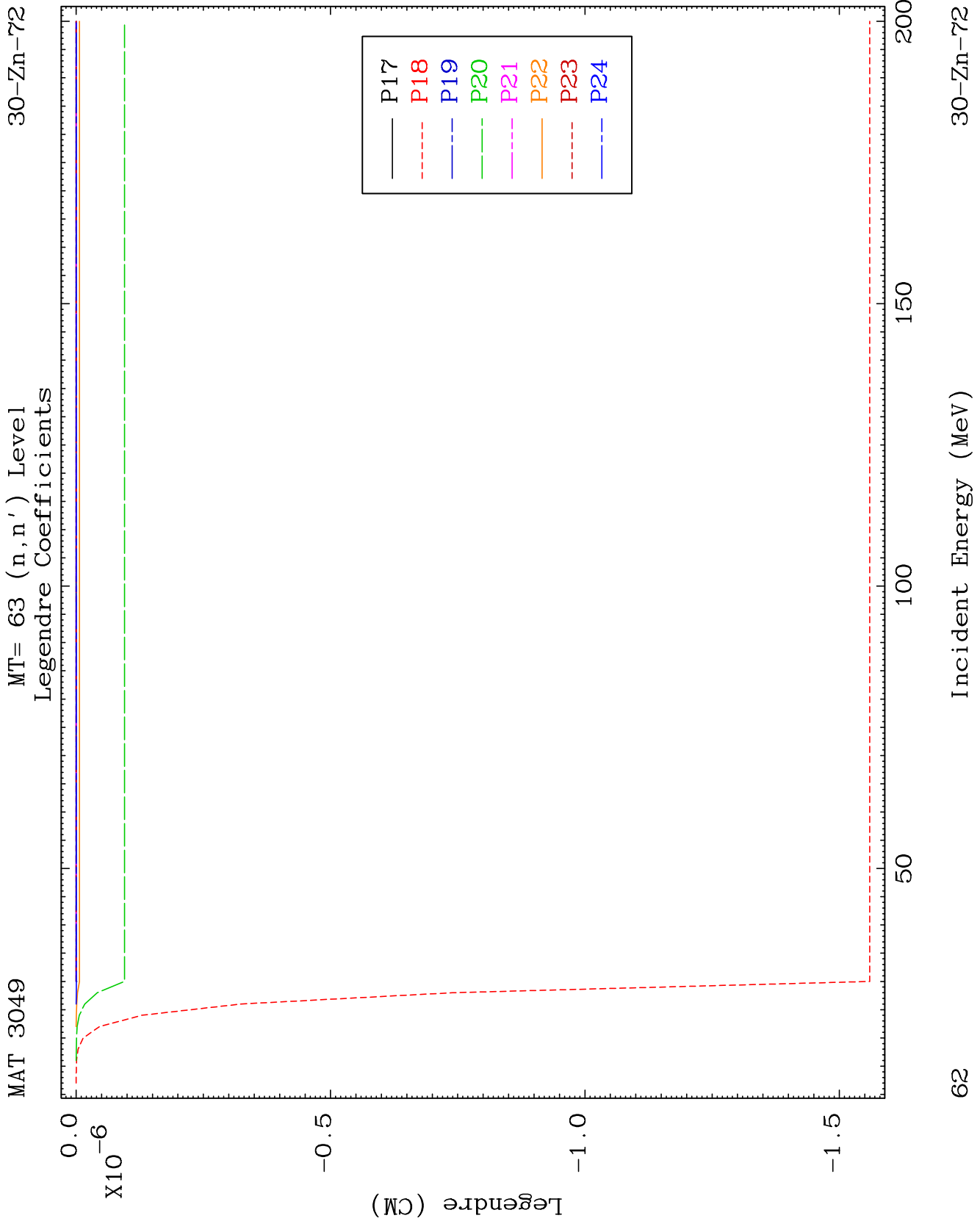


59

30-Zn-72



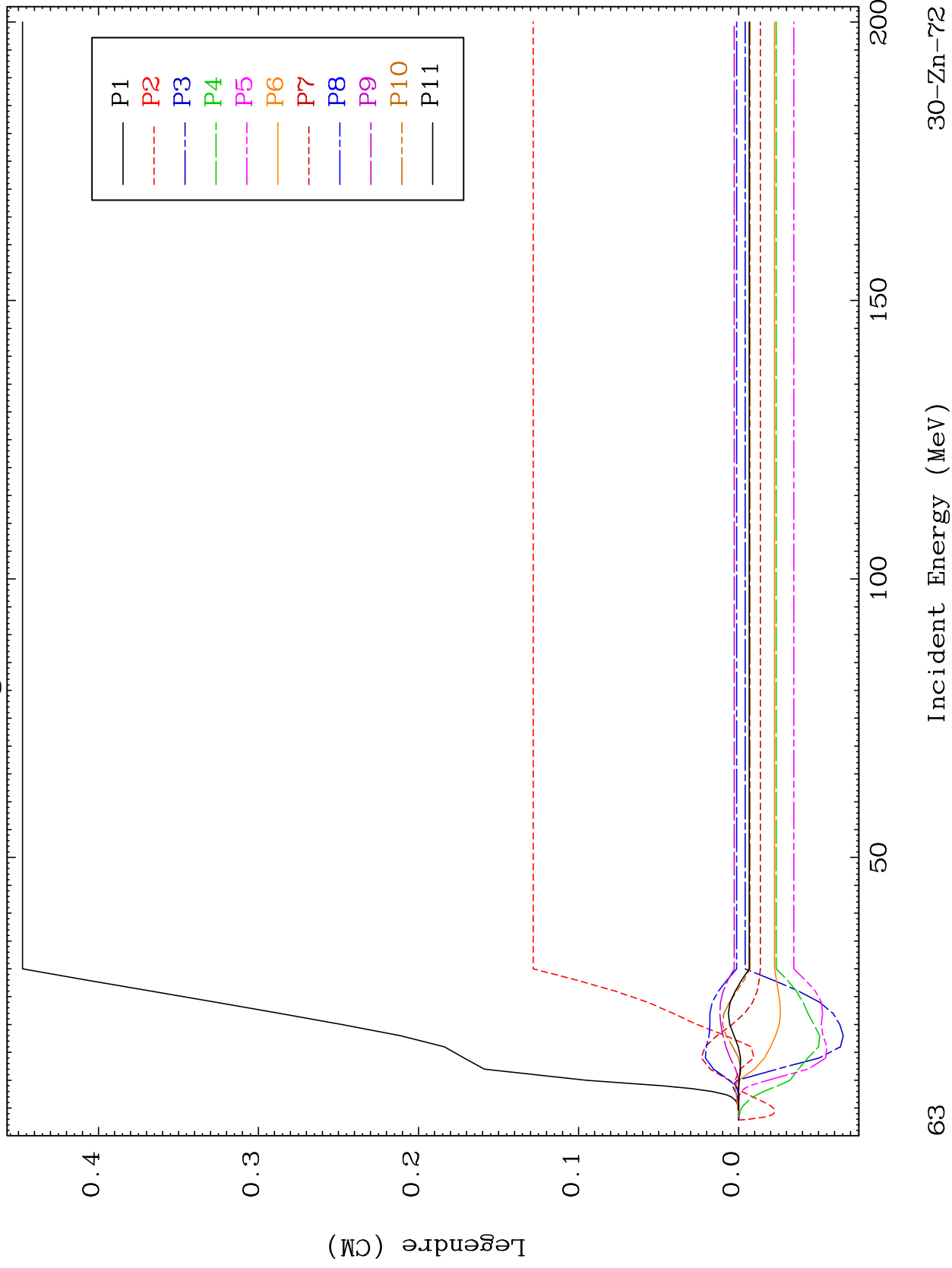




MAT 3049

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

30-Zn-72



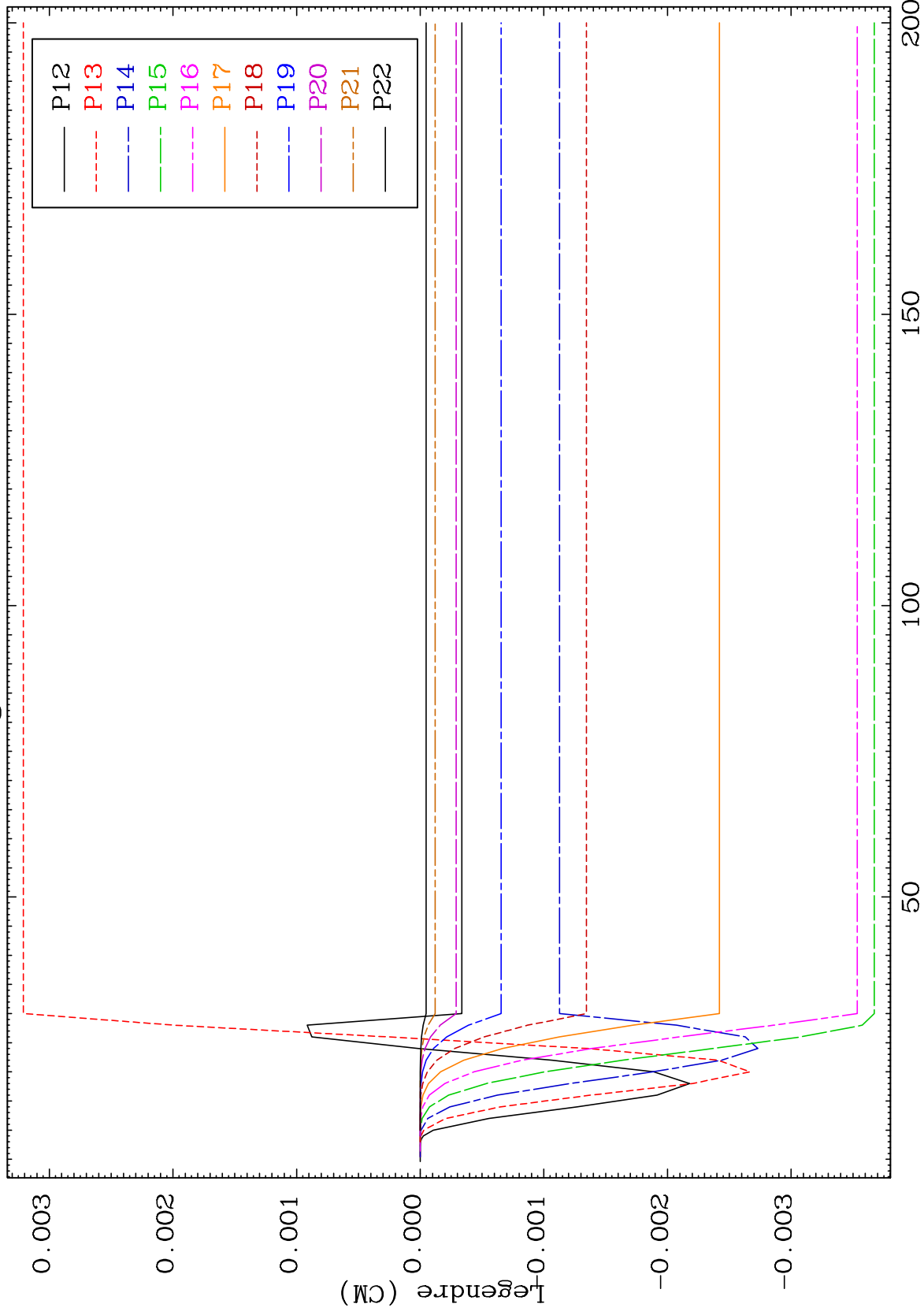
63

30-Zn-72

MAT 3049

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

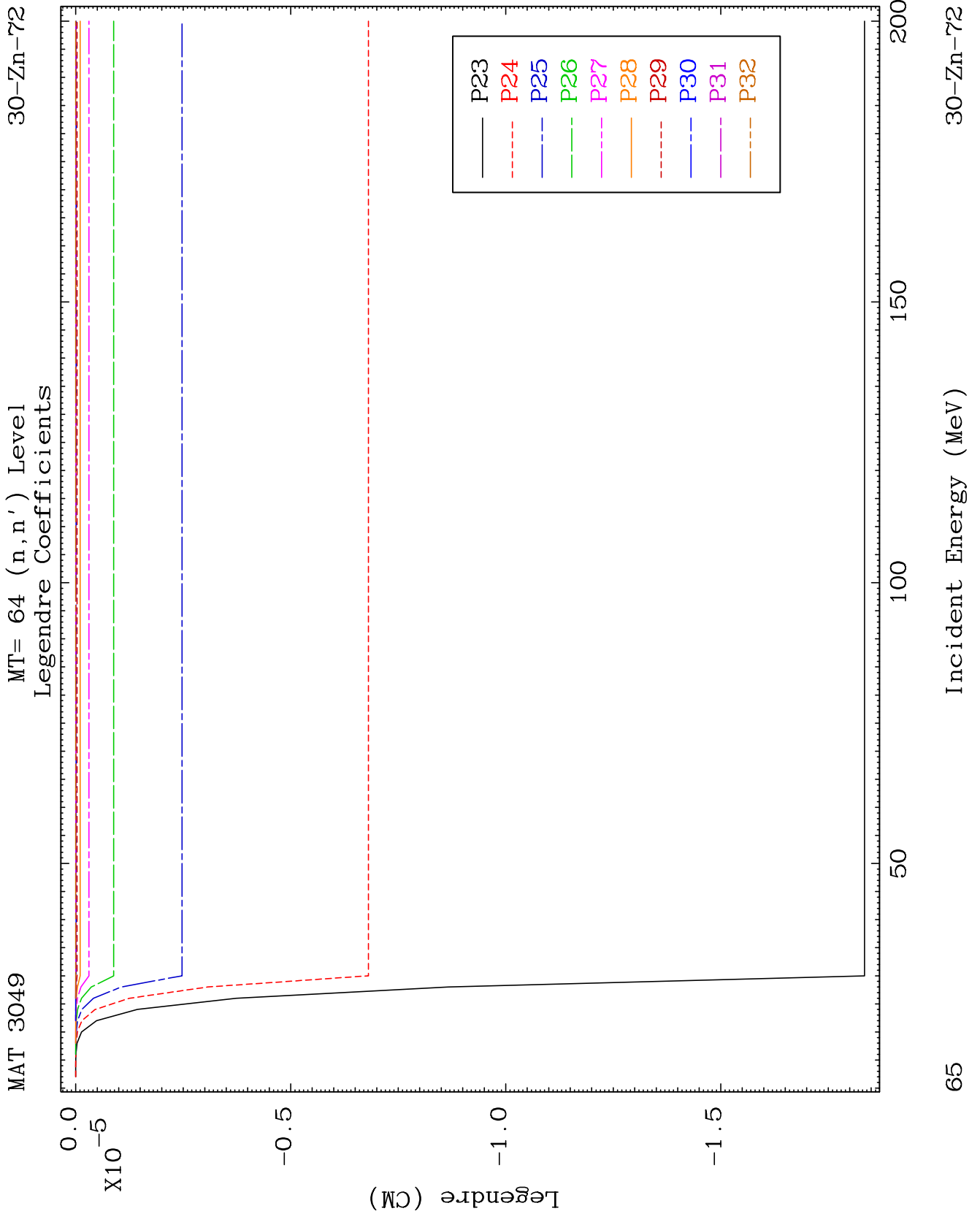
30-Zn-72



64

Incident Energy (MeV)

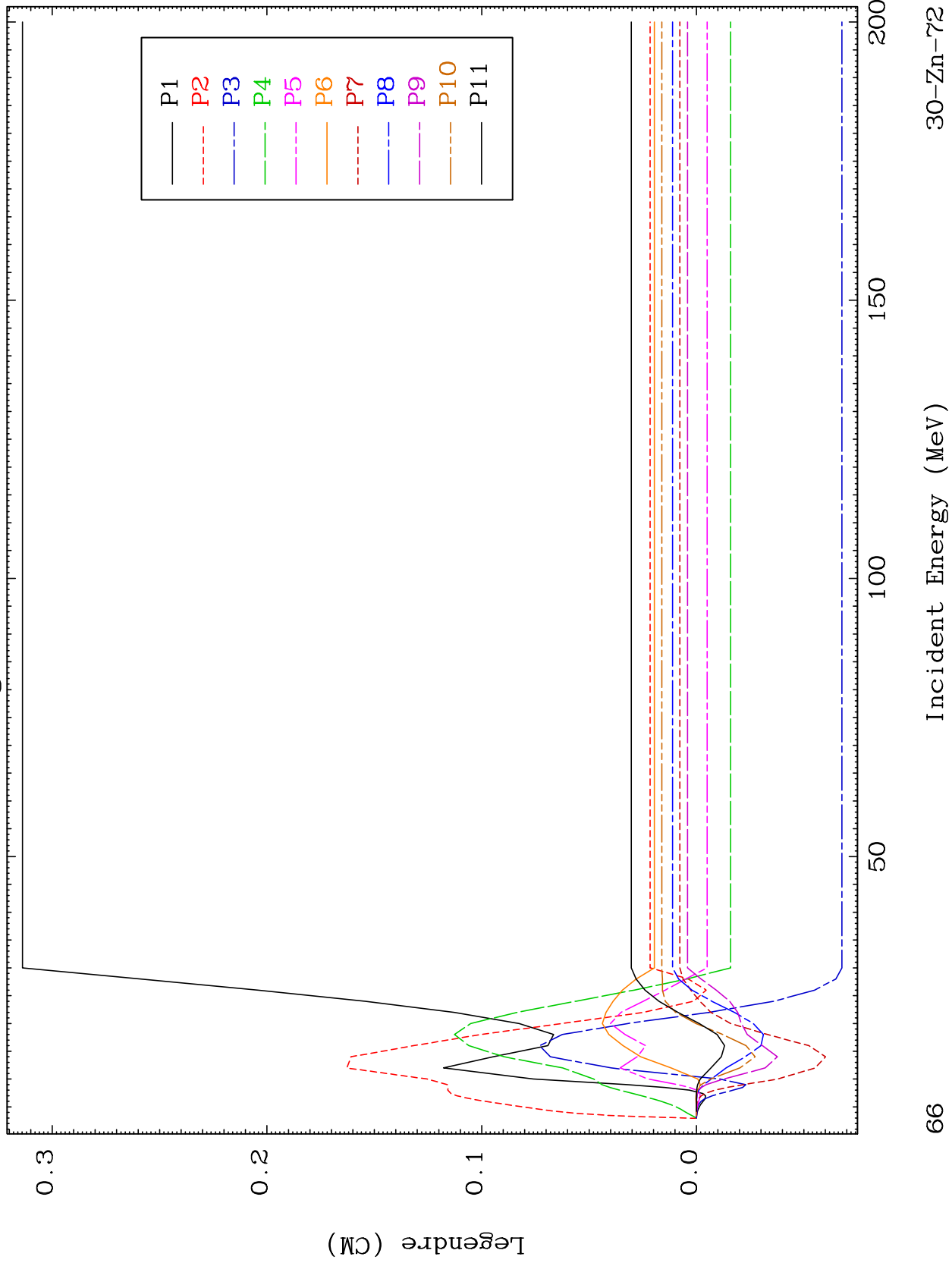
30-Zn-72



MAT 3049

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

30-Zn-72



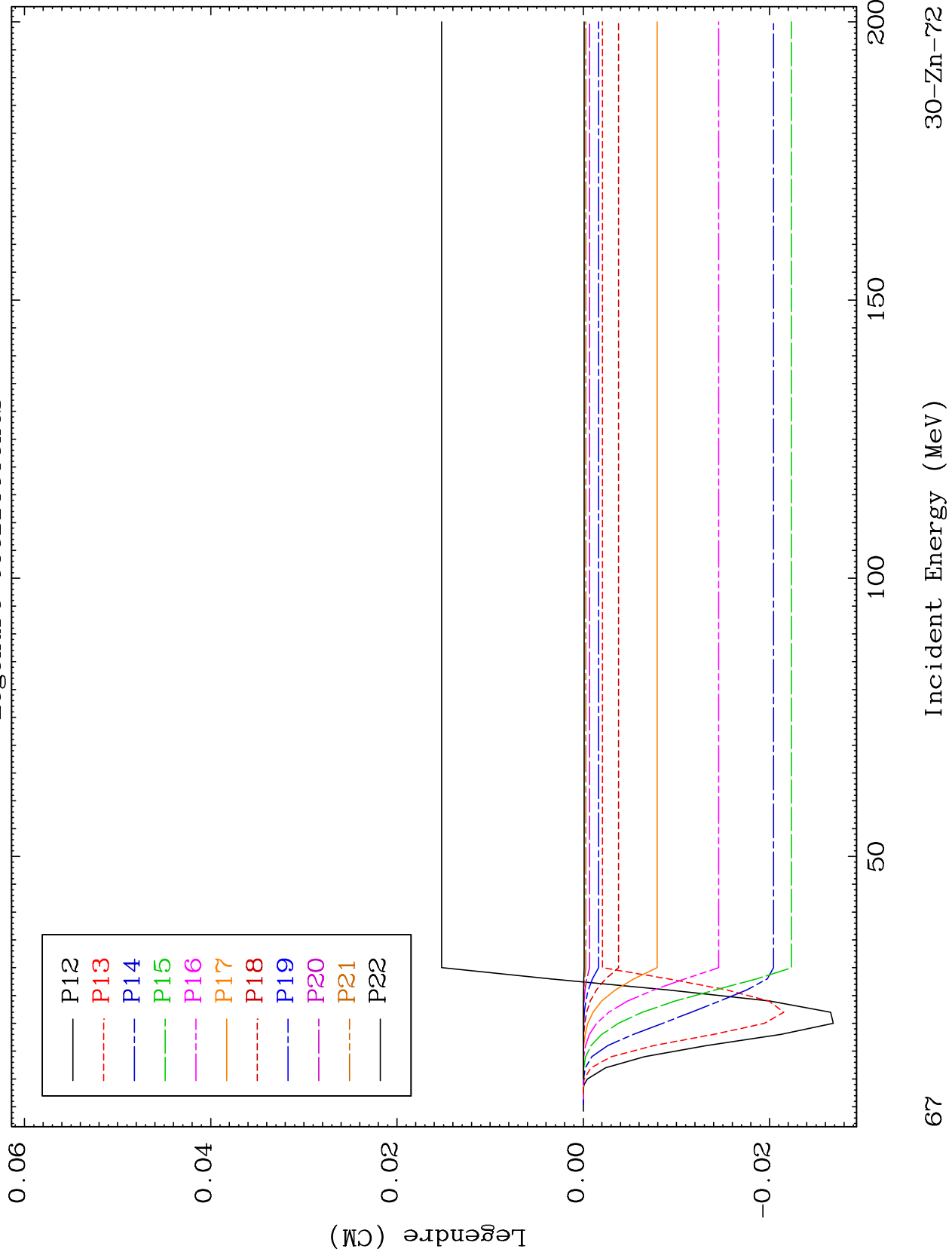
66

30-Zn-72

MAT 3049

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

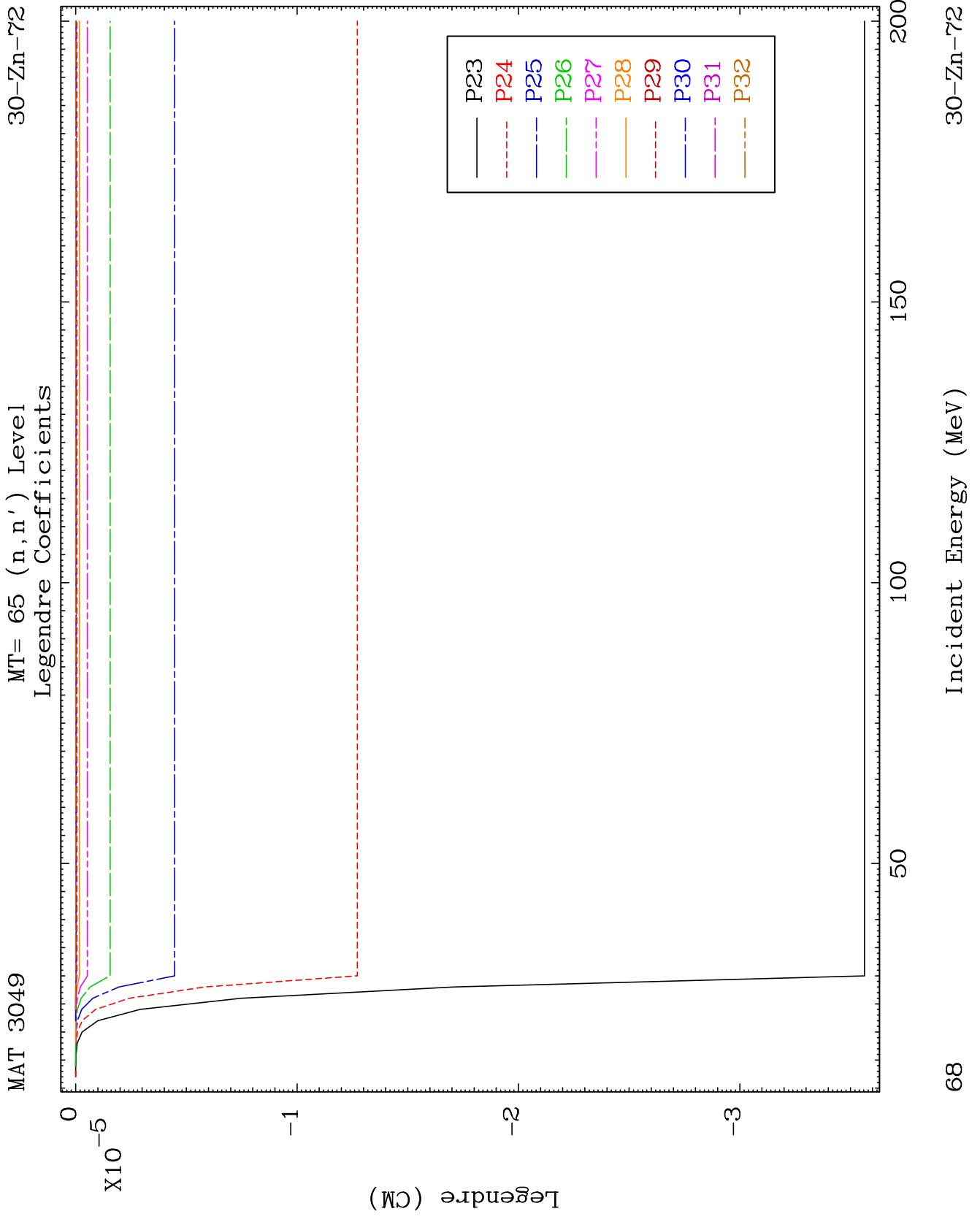
30-Zn-72

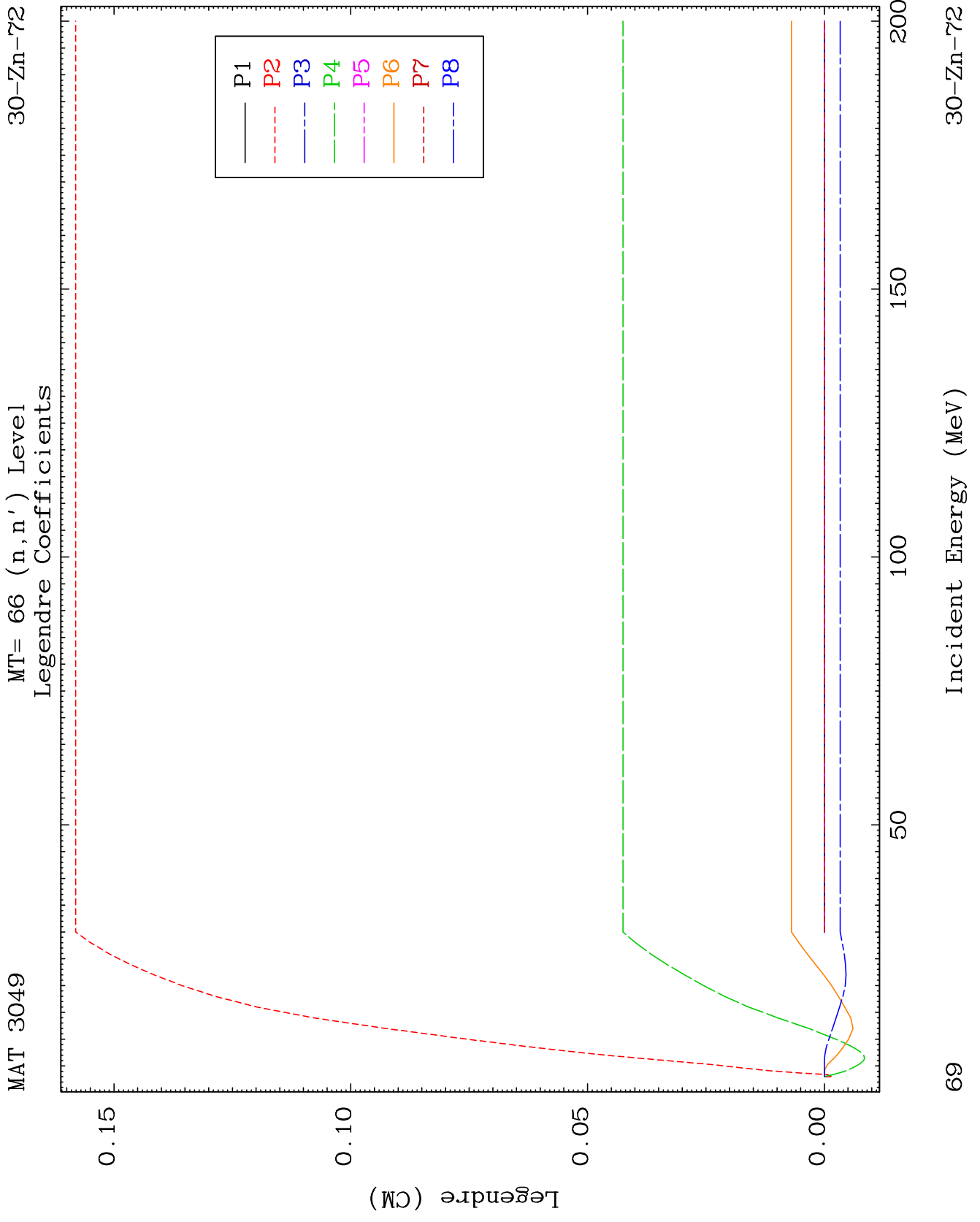


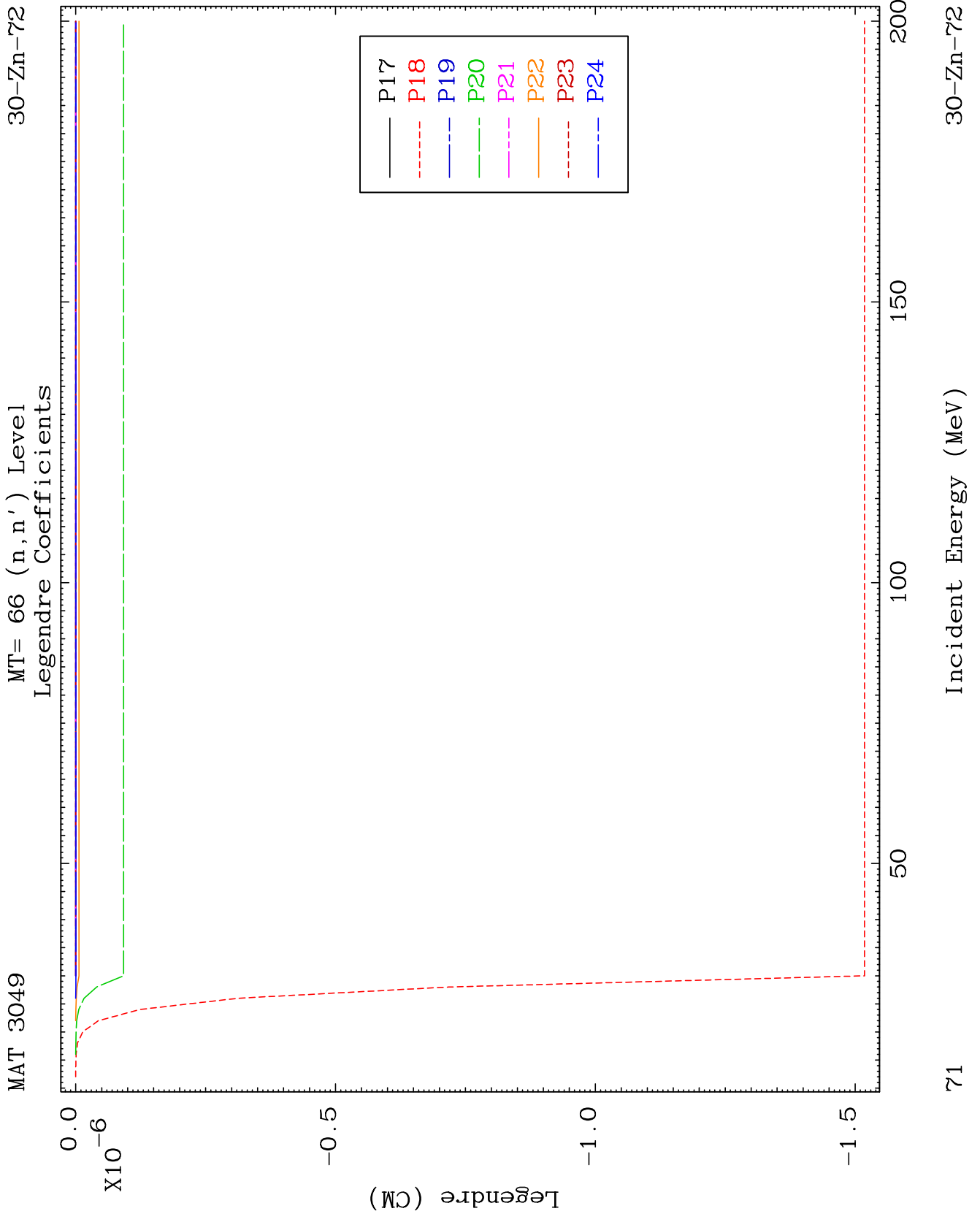
67

Incident Energy (MeV)

30-Zn-72



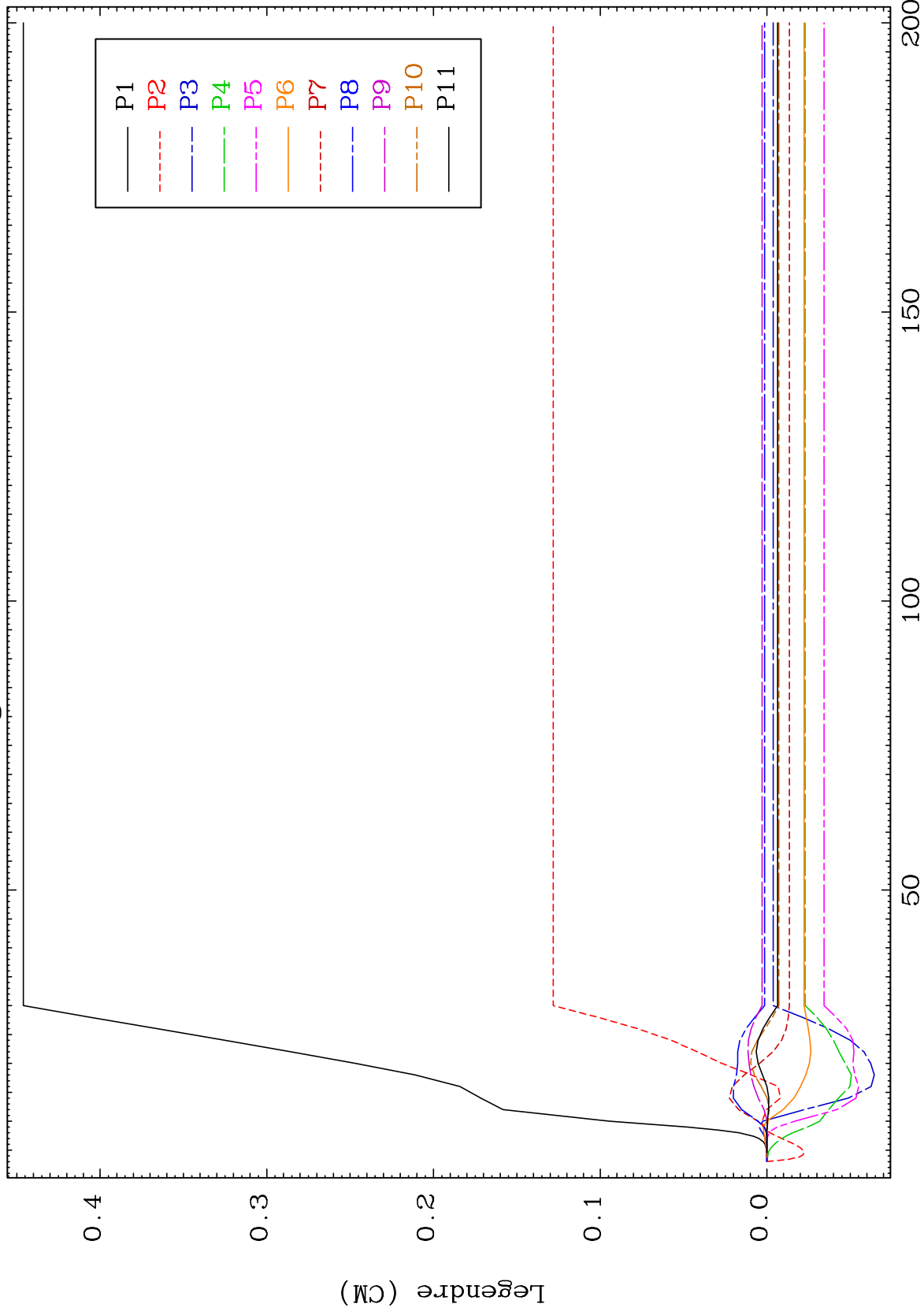




MAT 3049

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

30-Zn-72



72

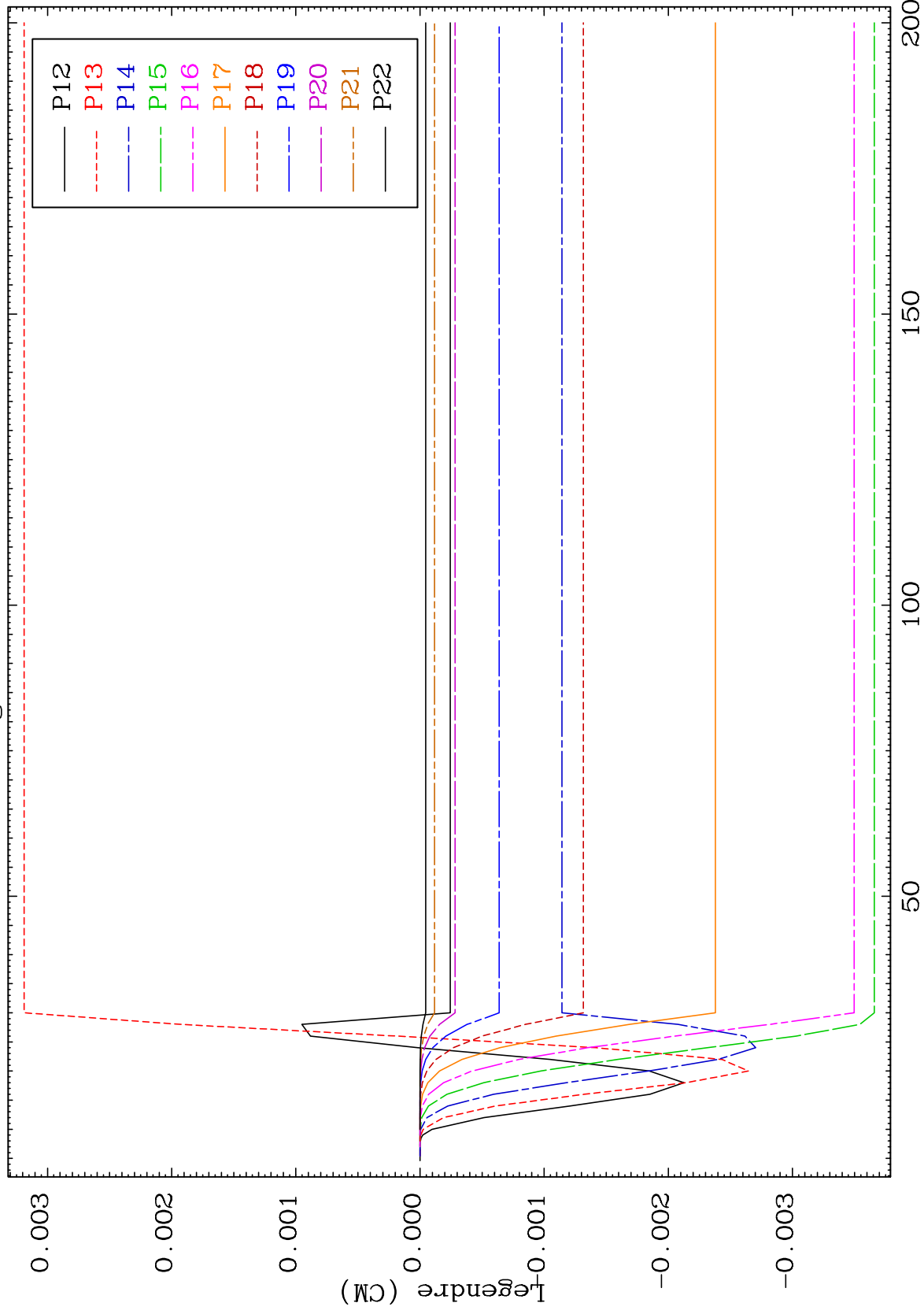
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

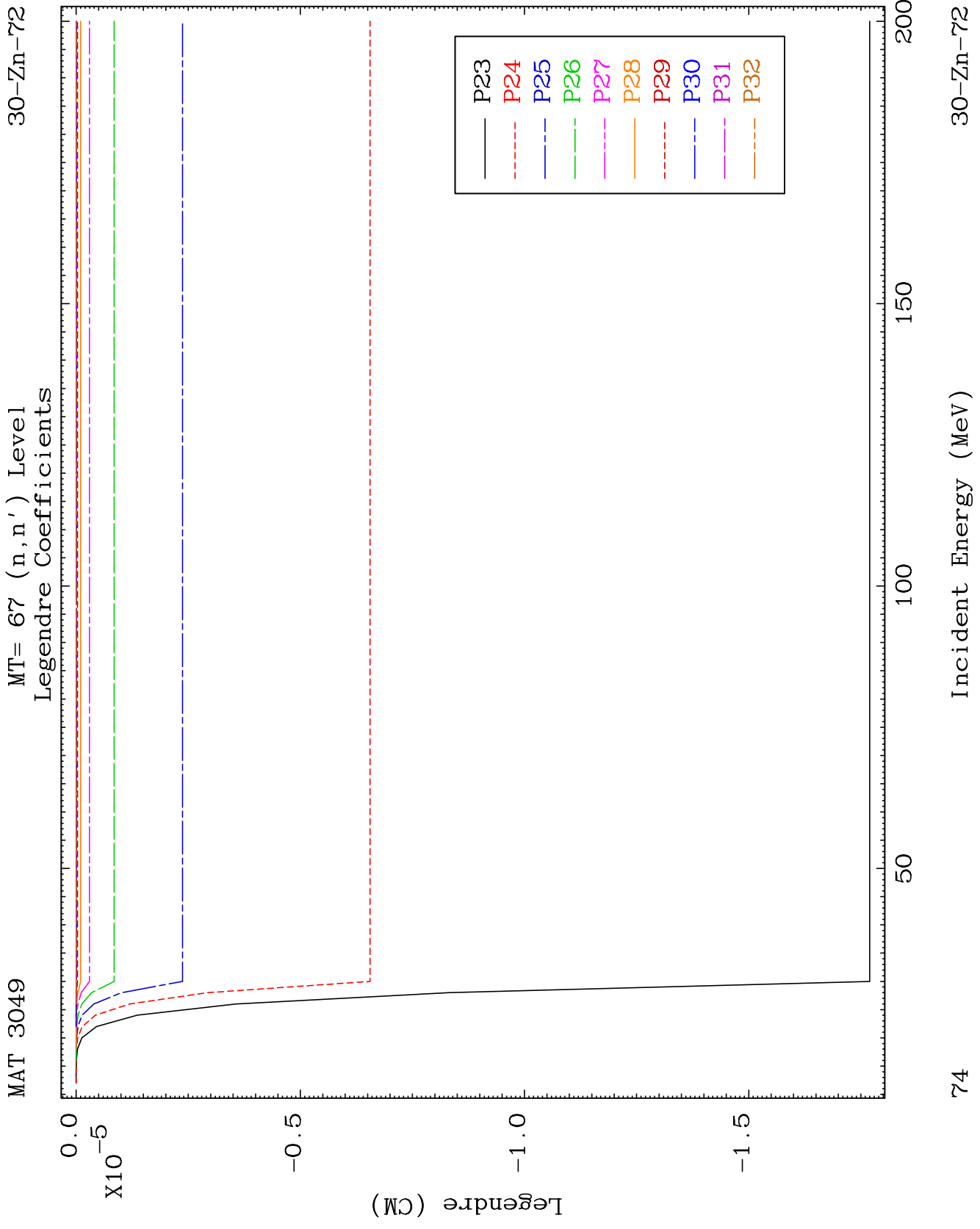
30-Zn-72



73

Incident Energy (MeV)

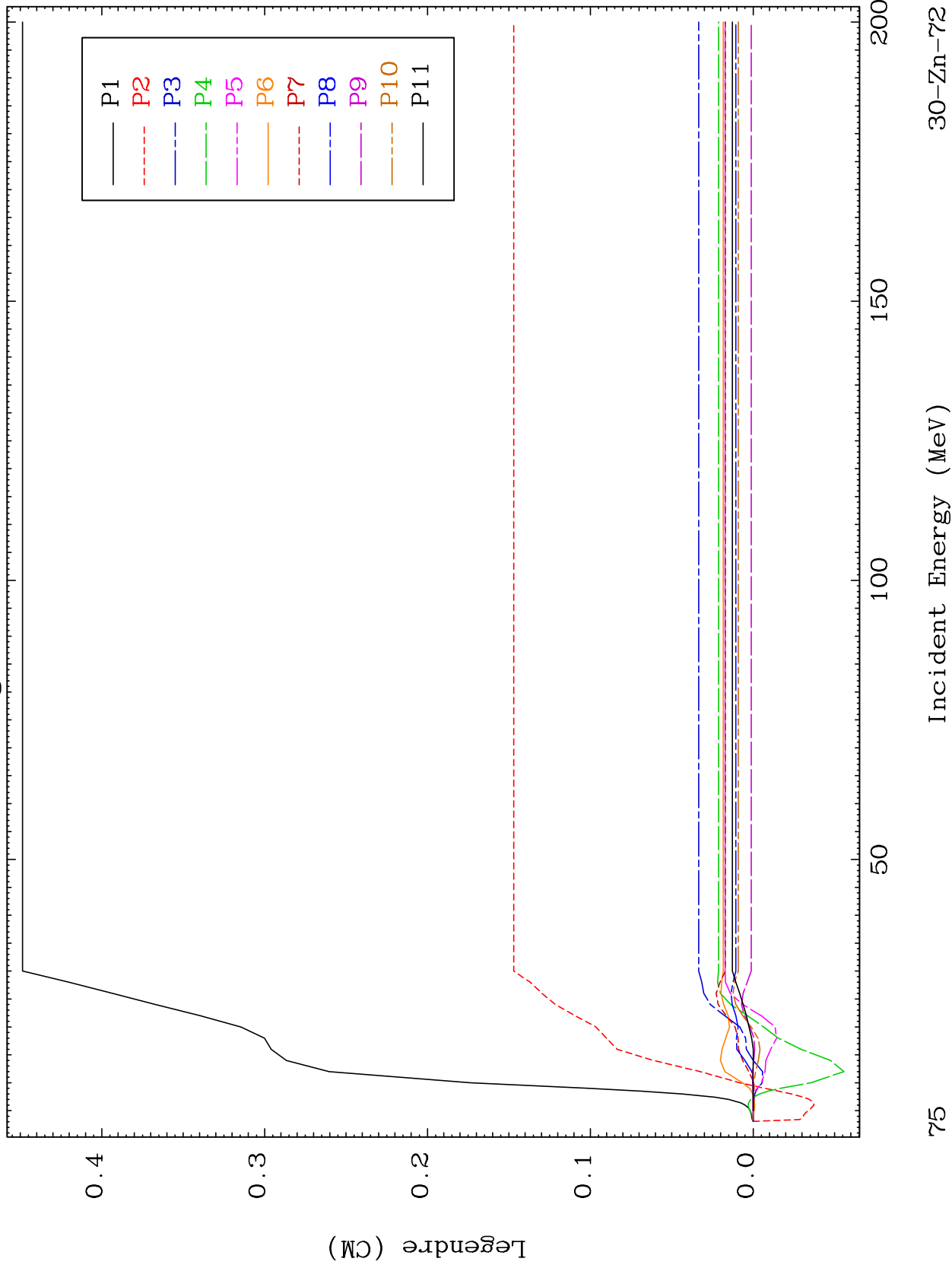
30-Zn-72



MAT 3049

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

30-Zn-72



75

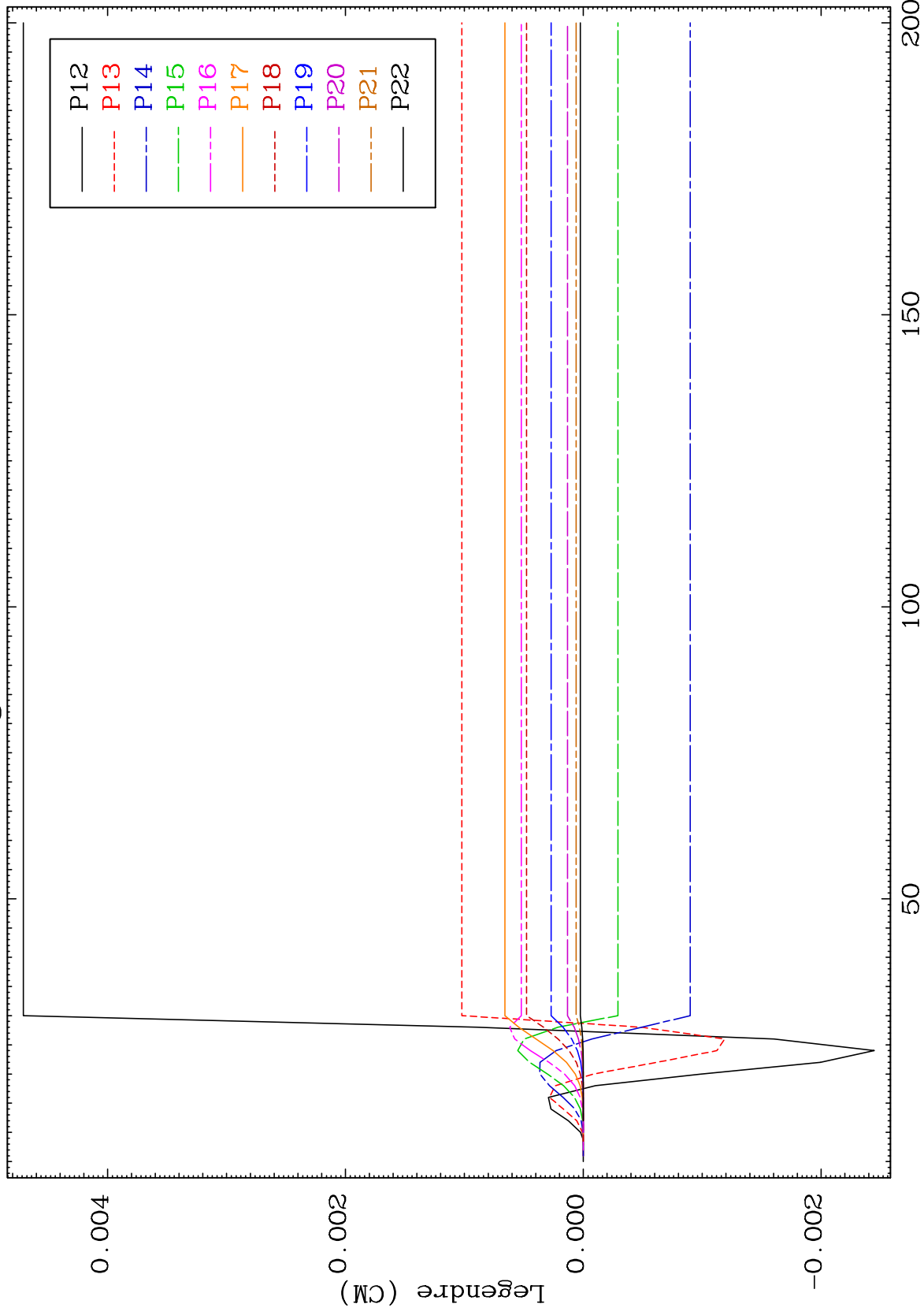
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



76

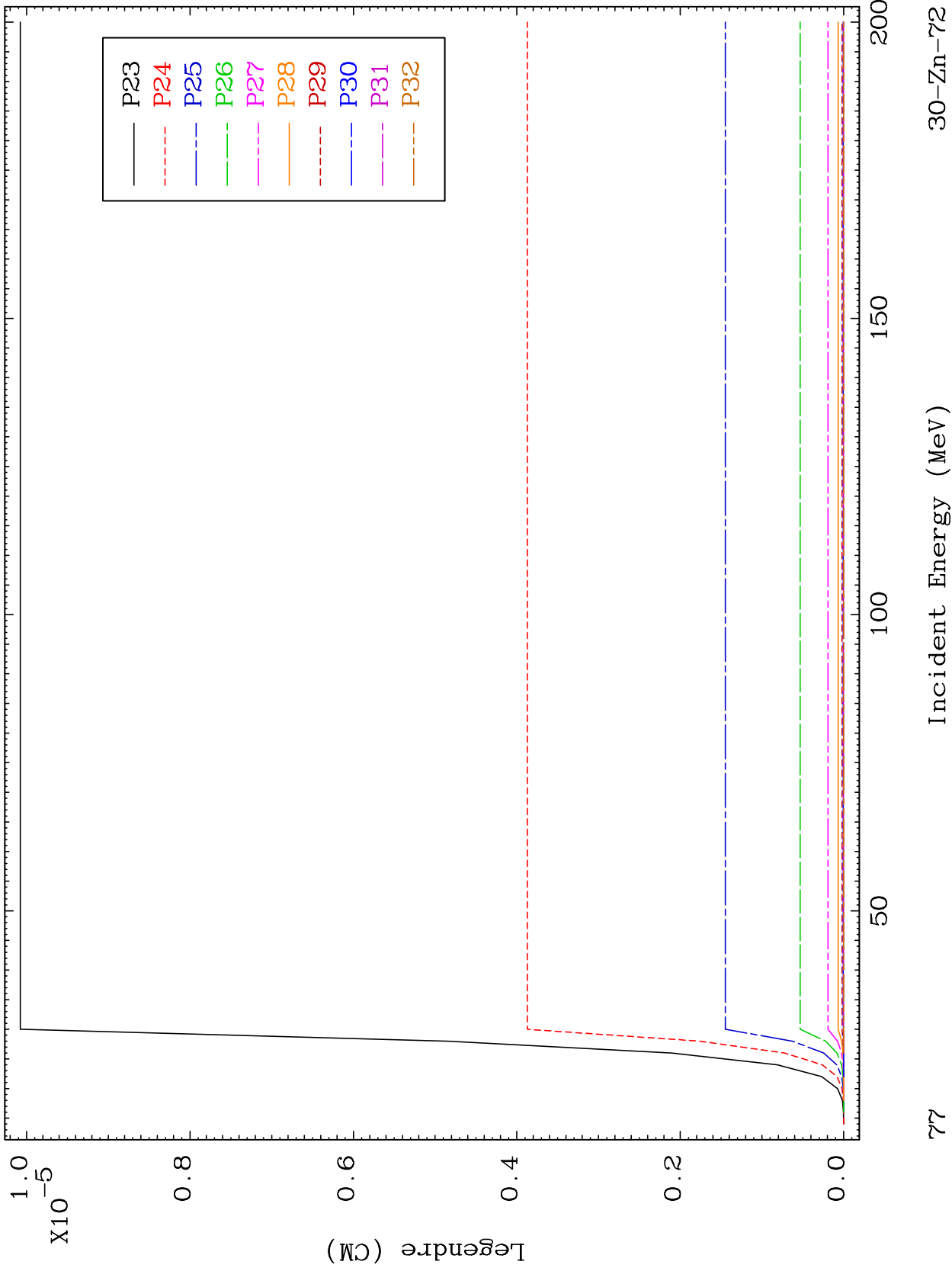
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

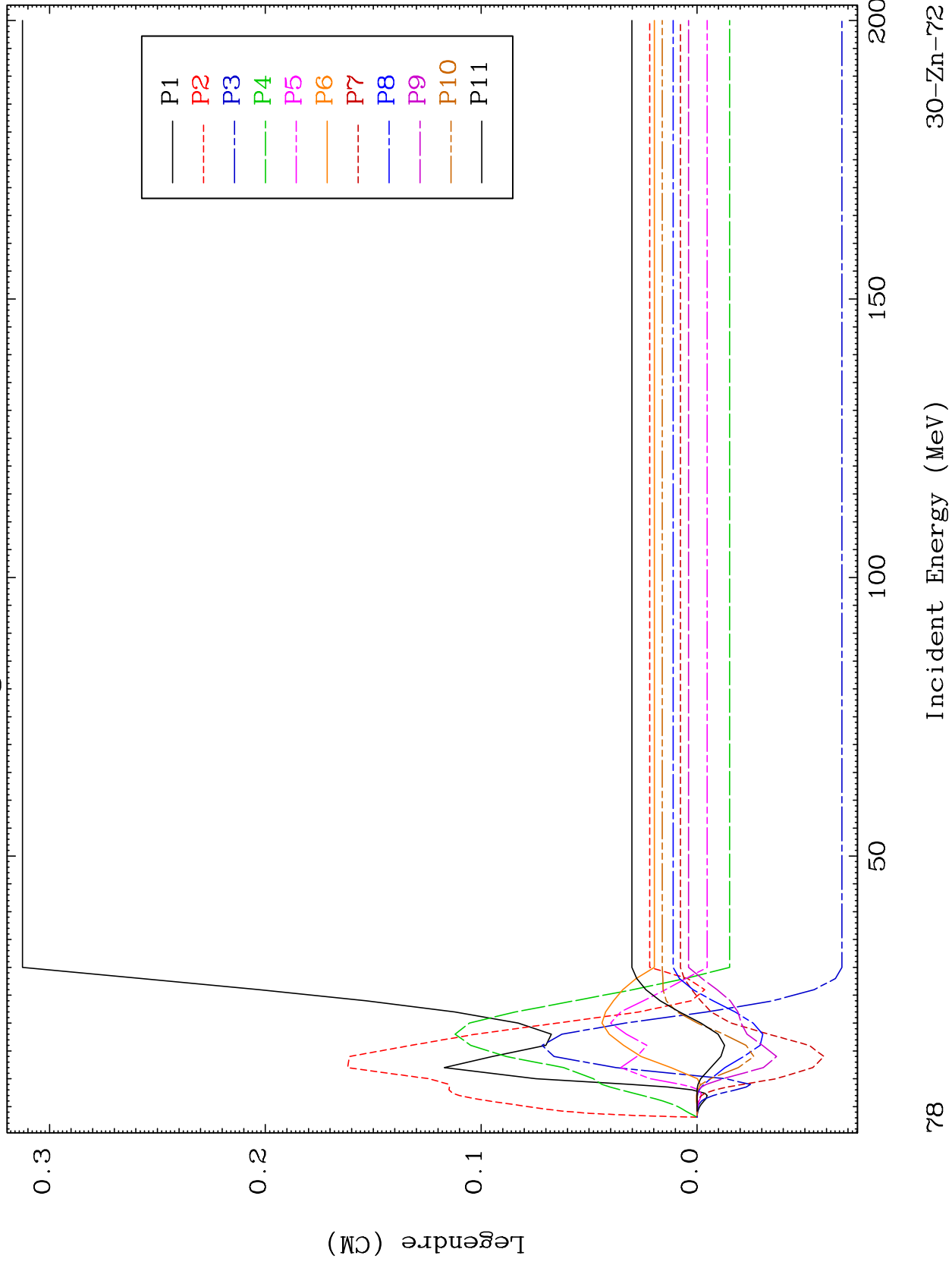
30-Zn-72



MAT 3049

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

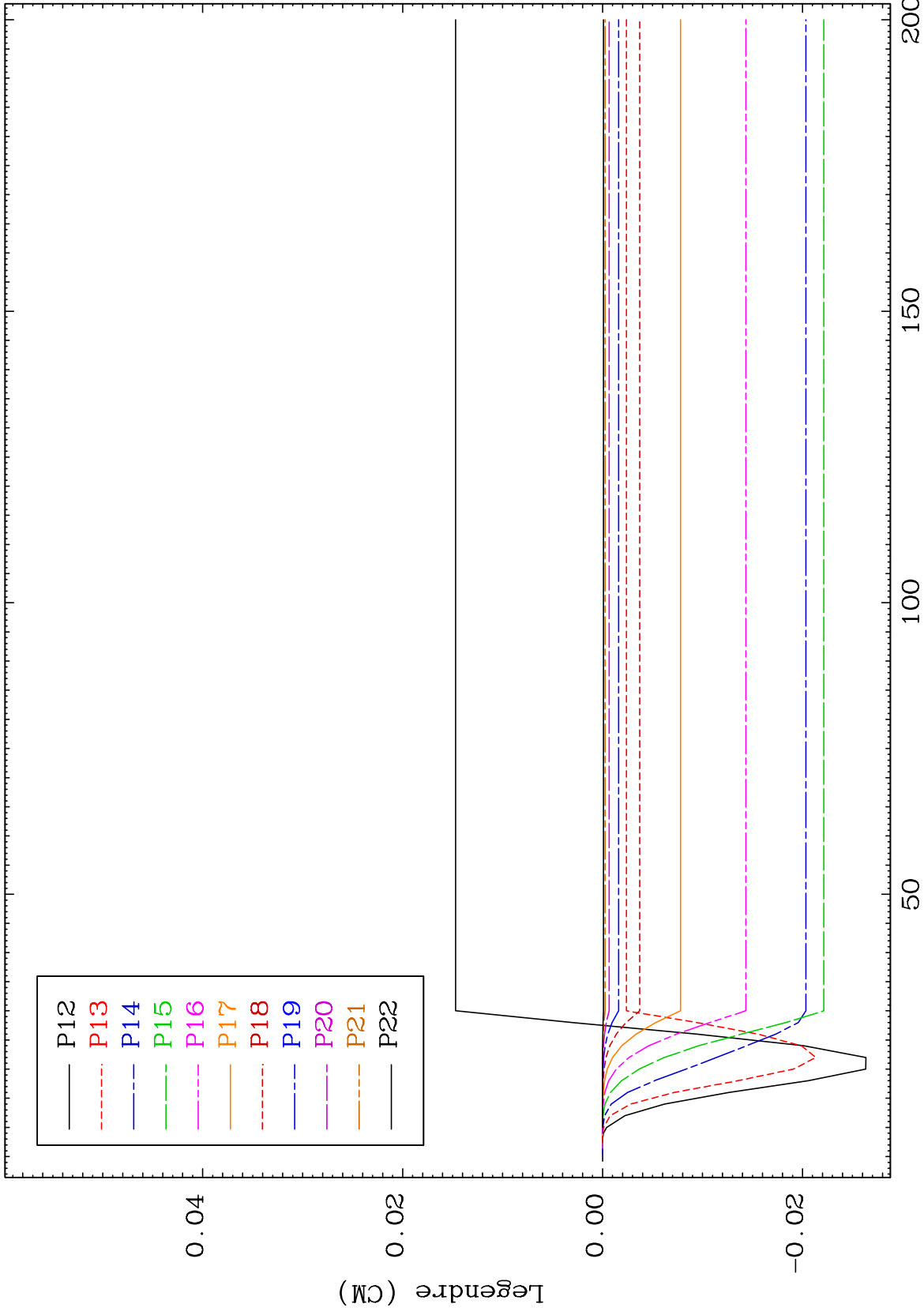
30-Zn-72



MAT 3049

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

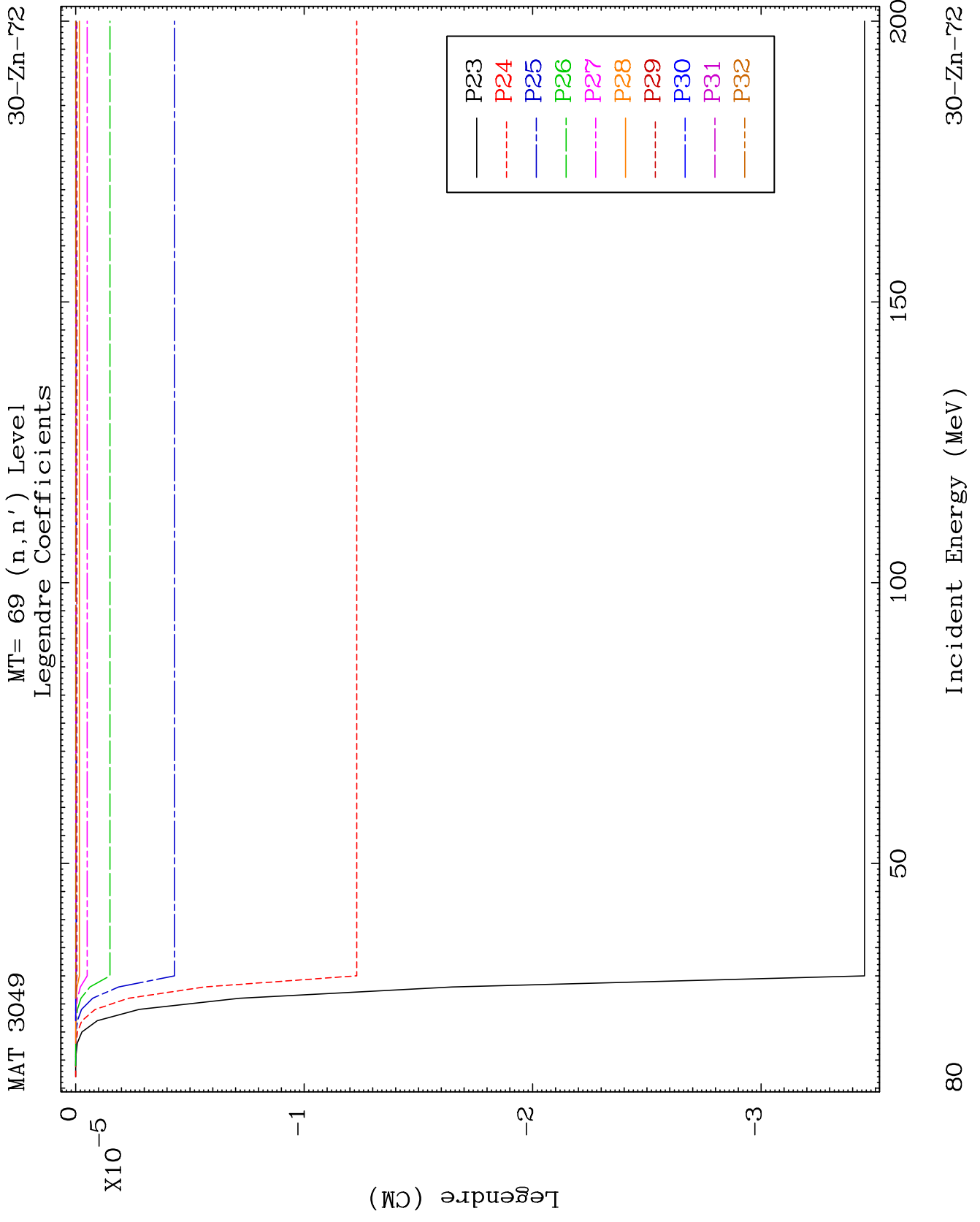
30-Zn-72



79

Incident Energy (MeV)

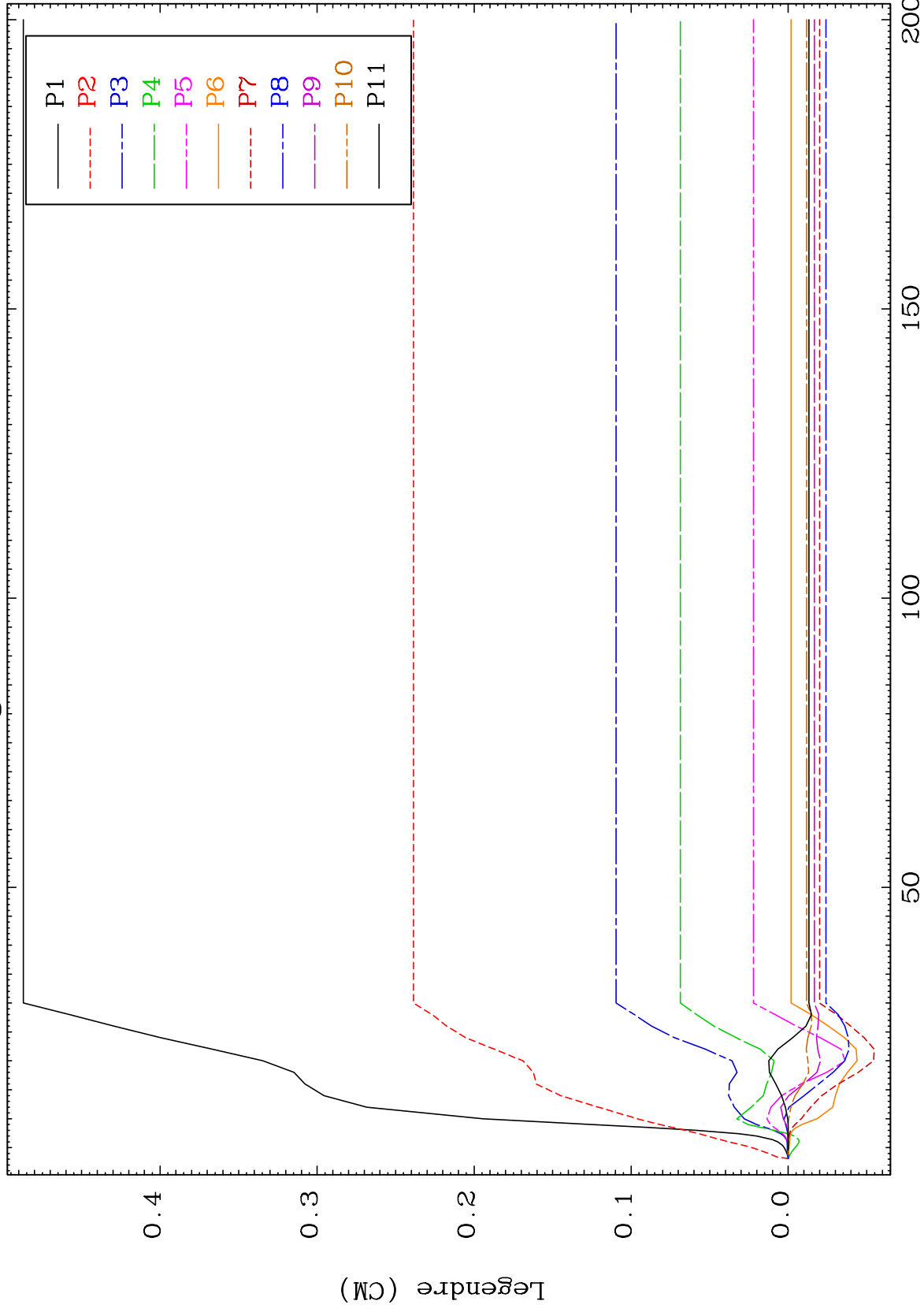
30-Zn-72



MAT 3049

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

30-Zn-72



81

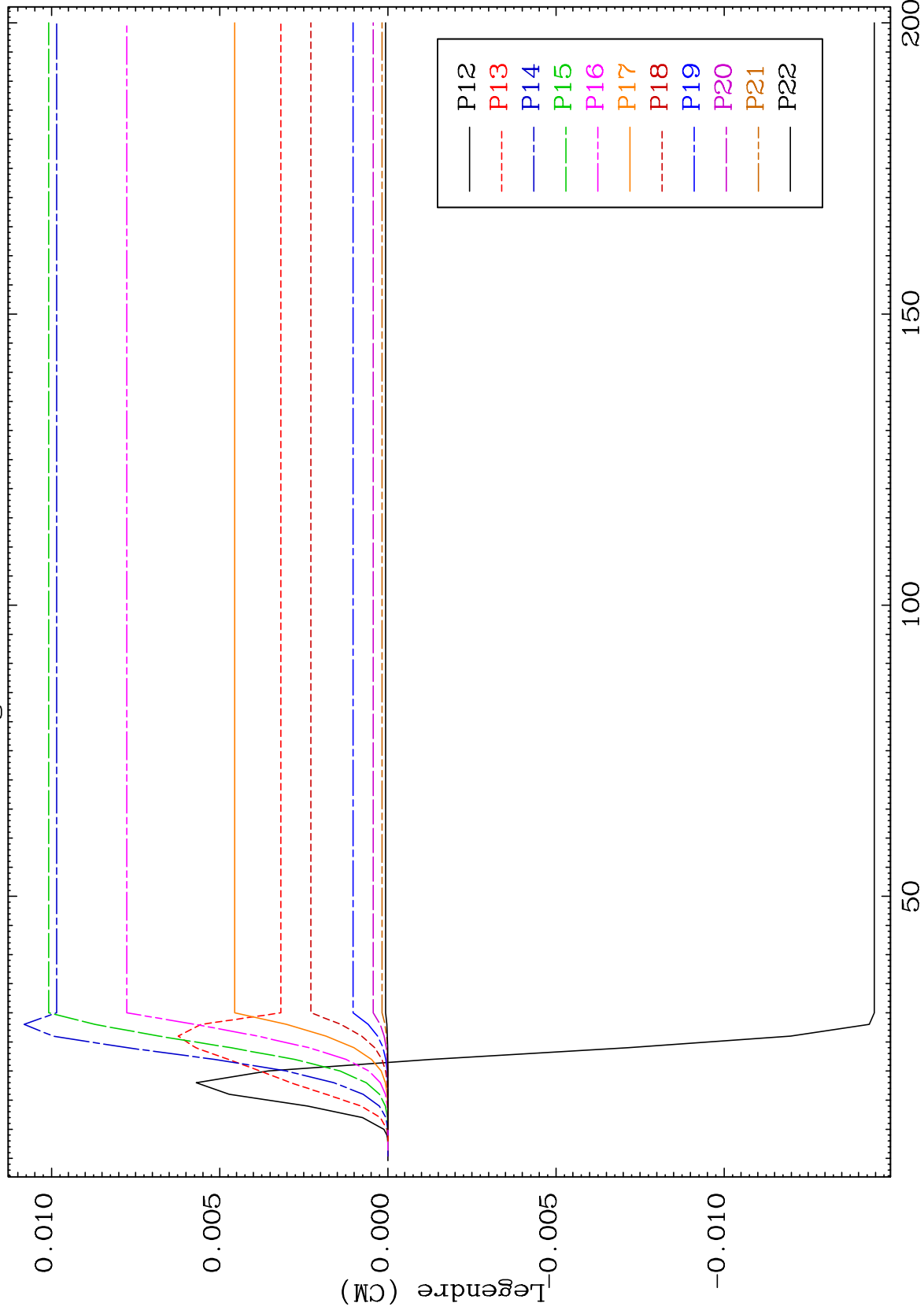
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



82

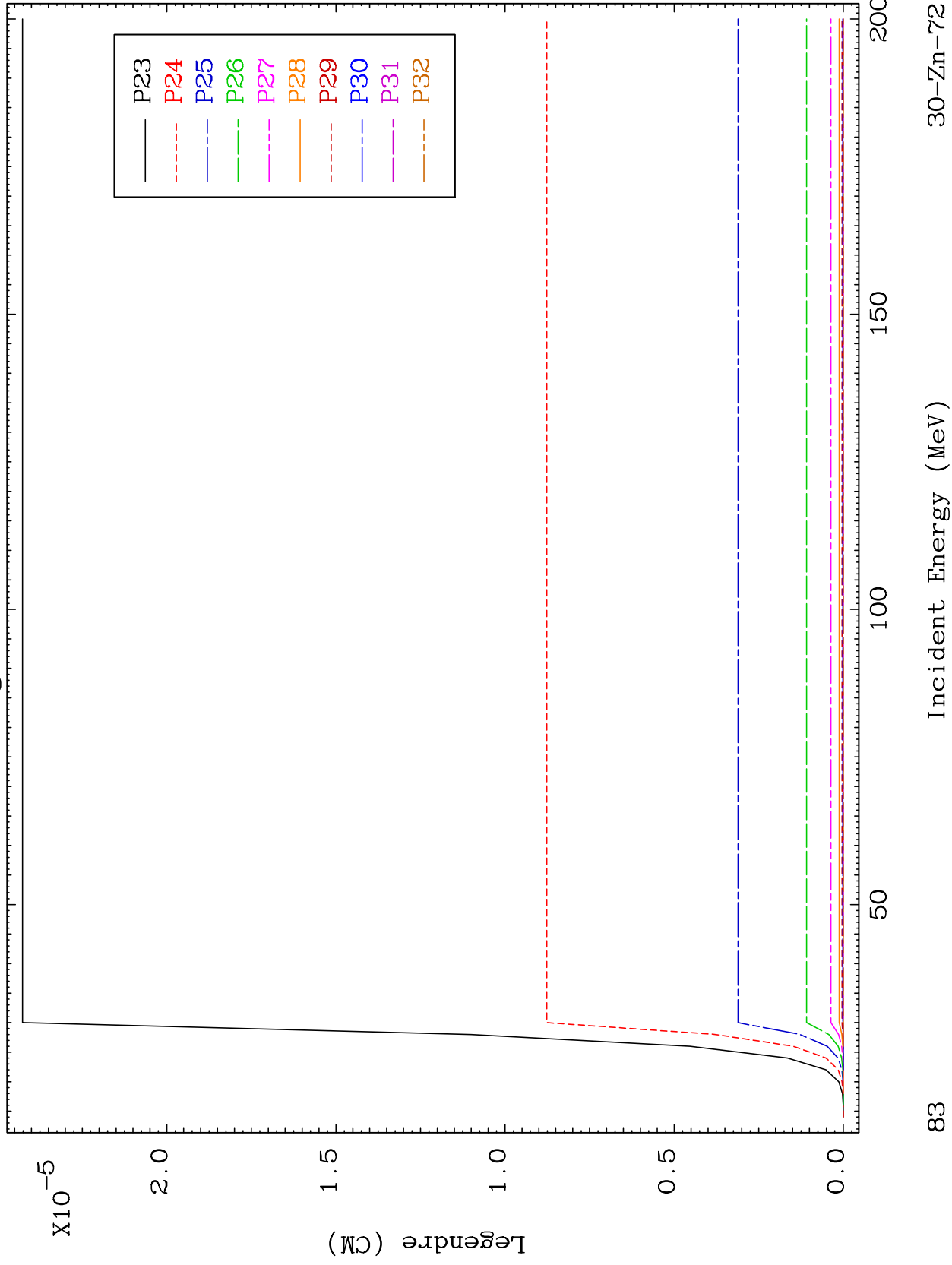
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

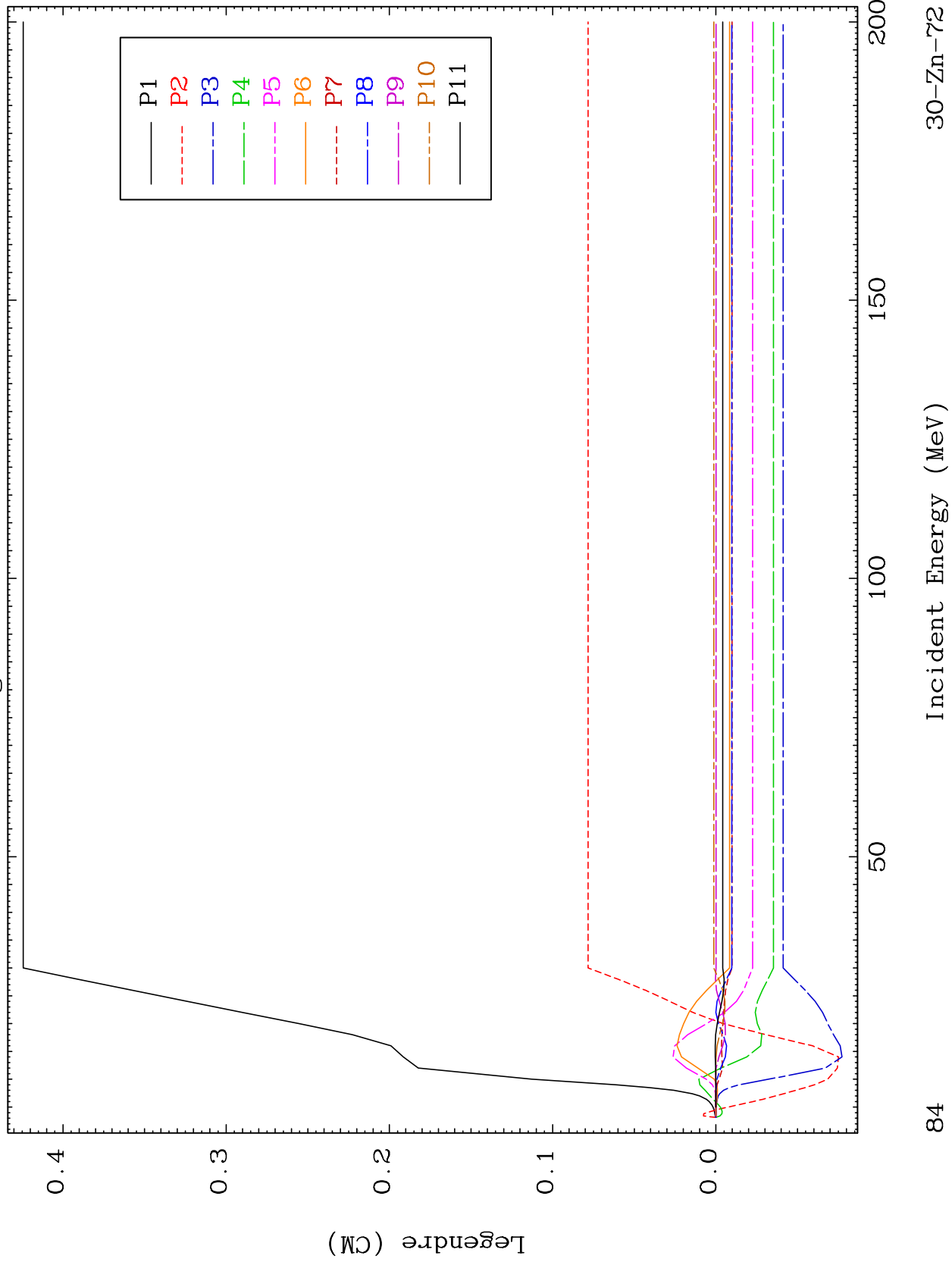
30-Zn-72



MAT 3049

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

30-Zn-72



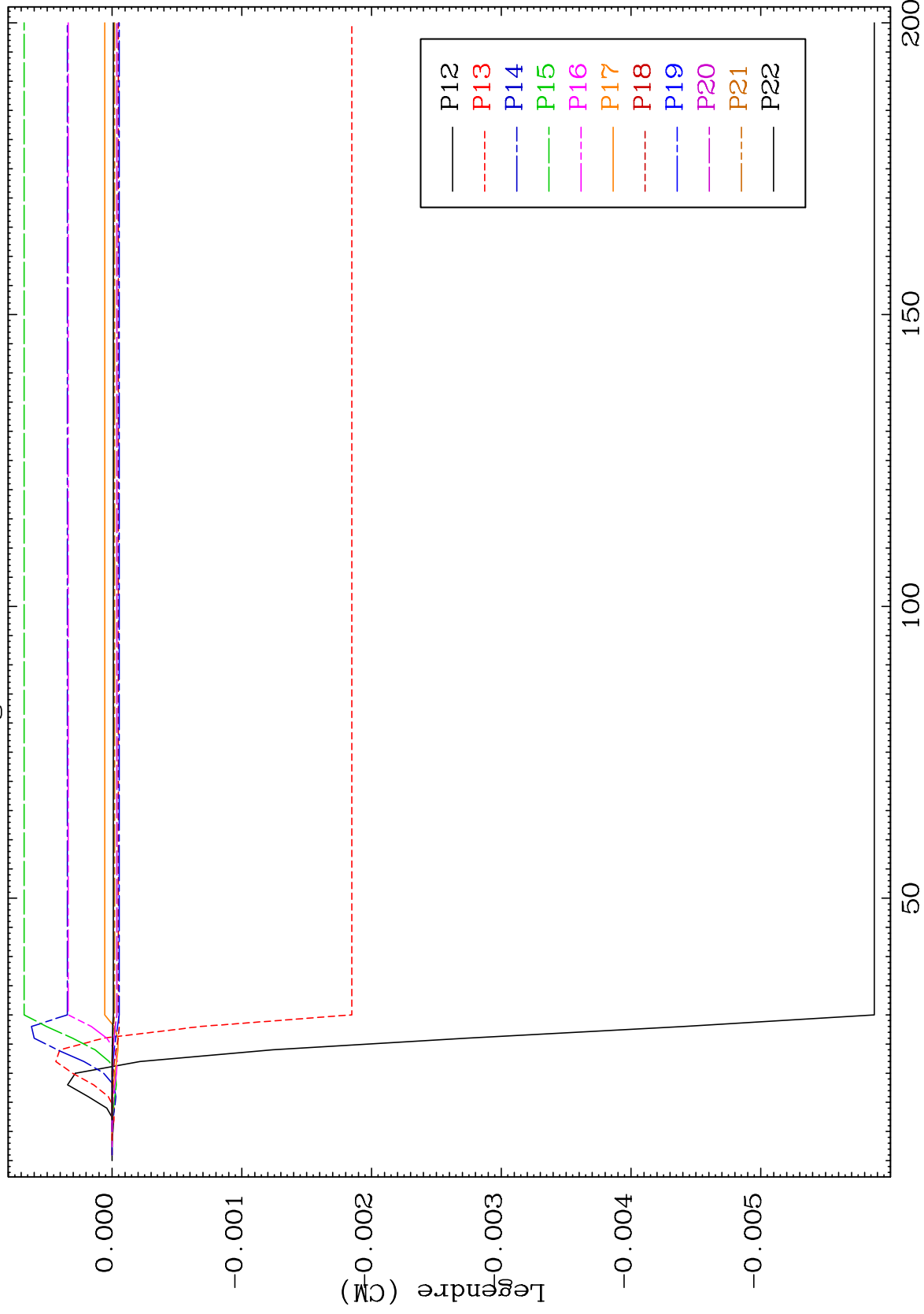
84

30-Zn-72

MAT 3049

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

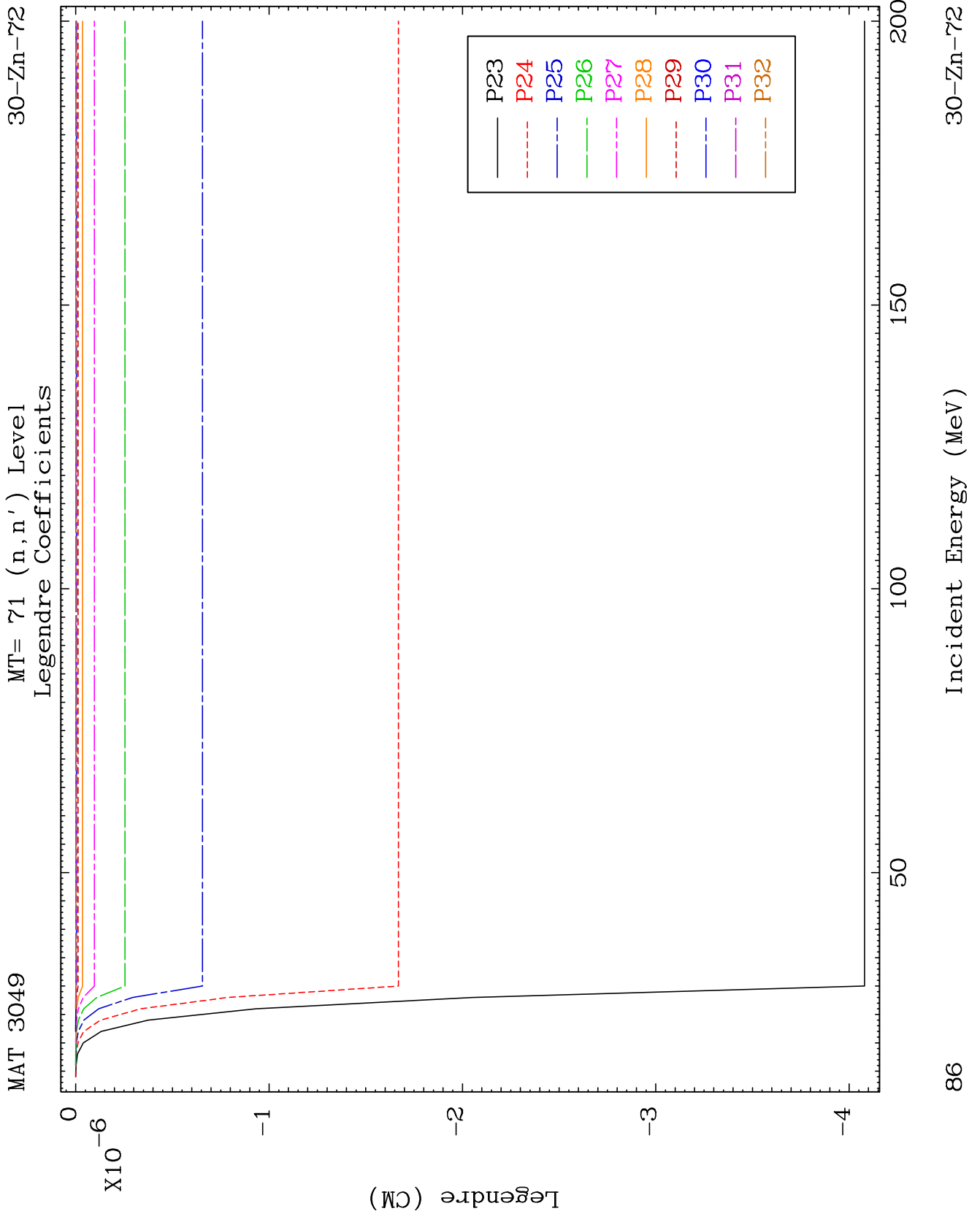
30-Zn-72



85

Incident Energy (MeV)

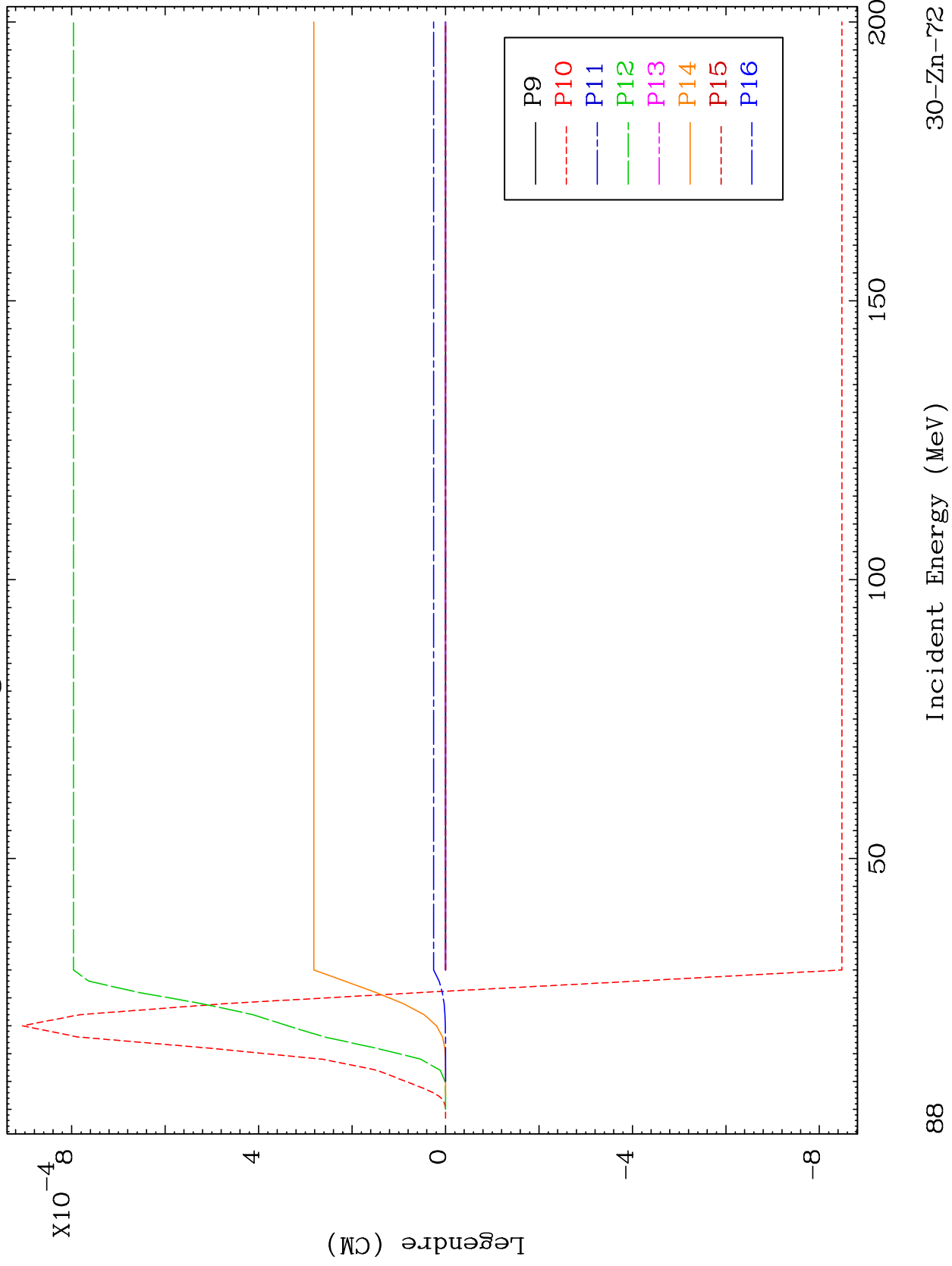
30-Zn-72

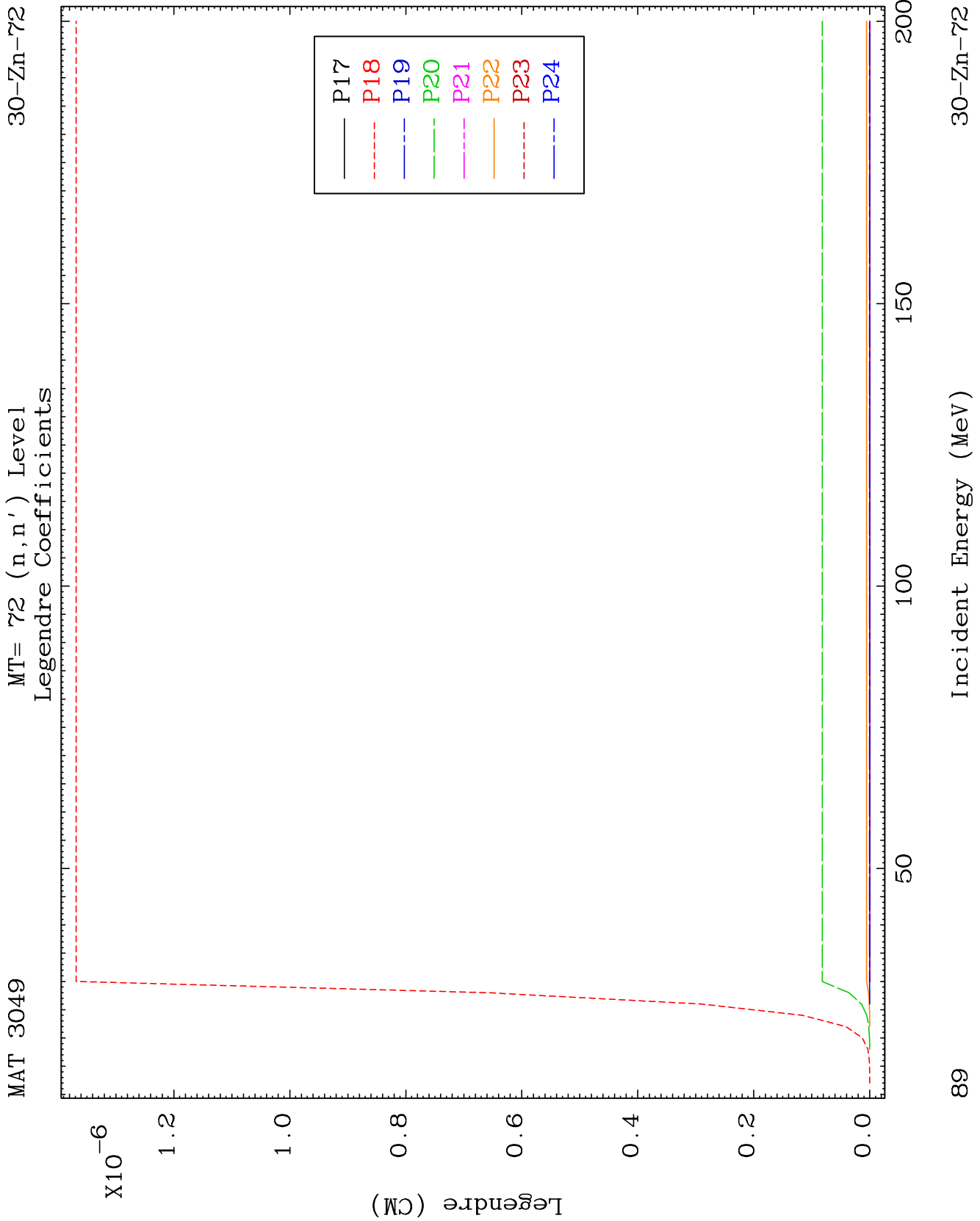


MAT 3049

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

30-Zn-72

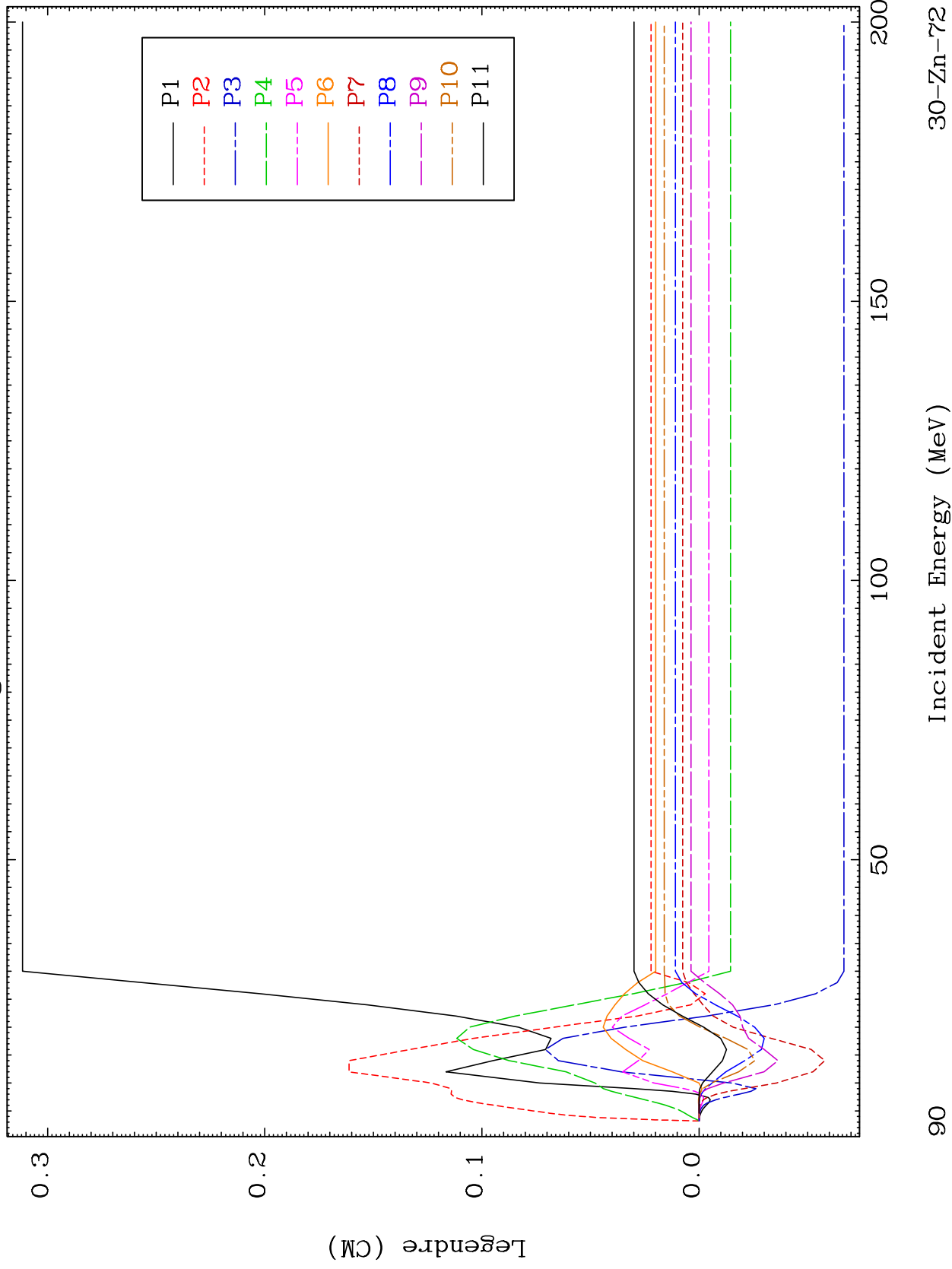




MAT 3049

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

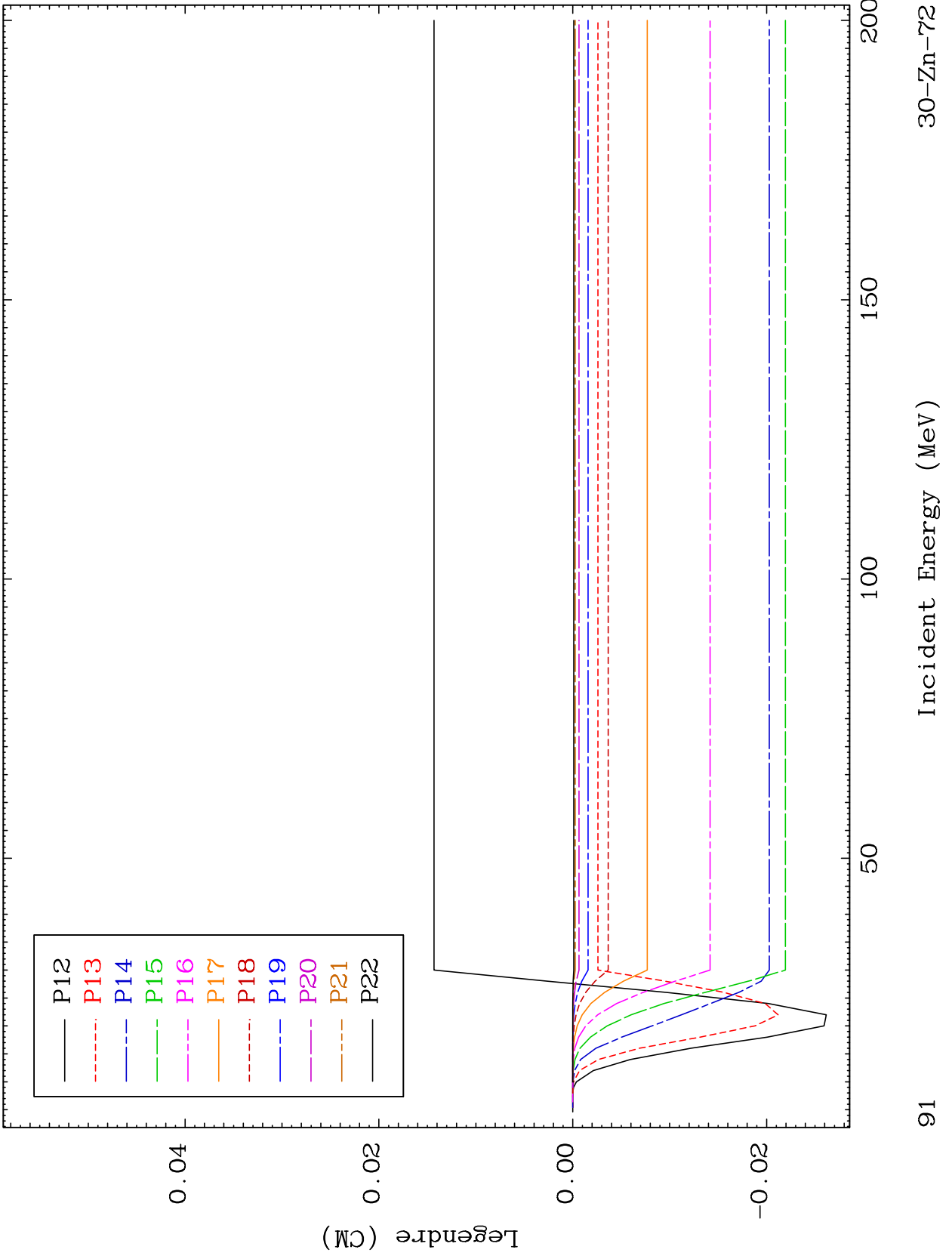
30-Zn-72

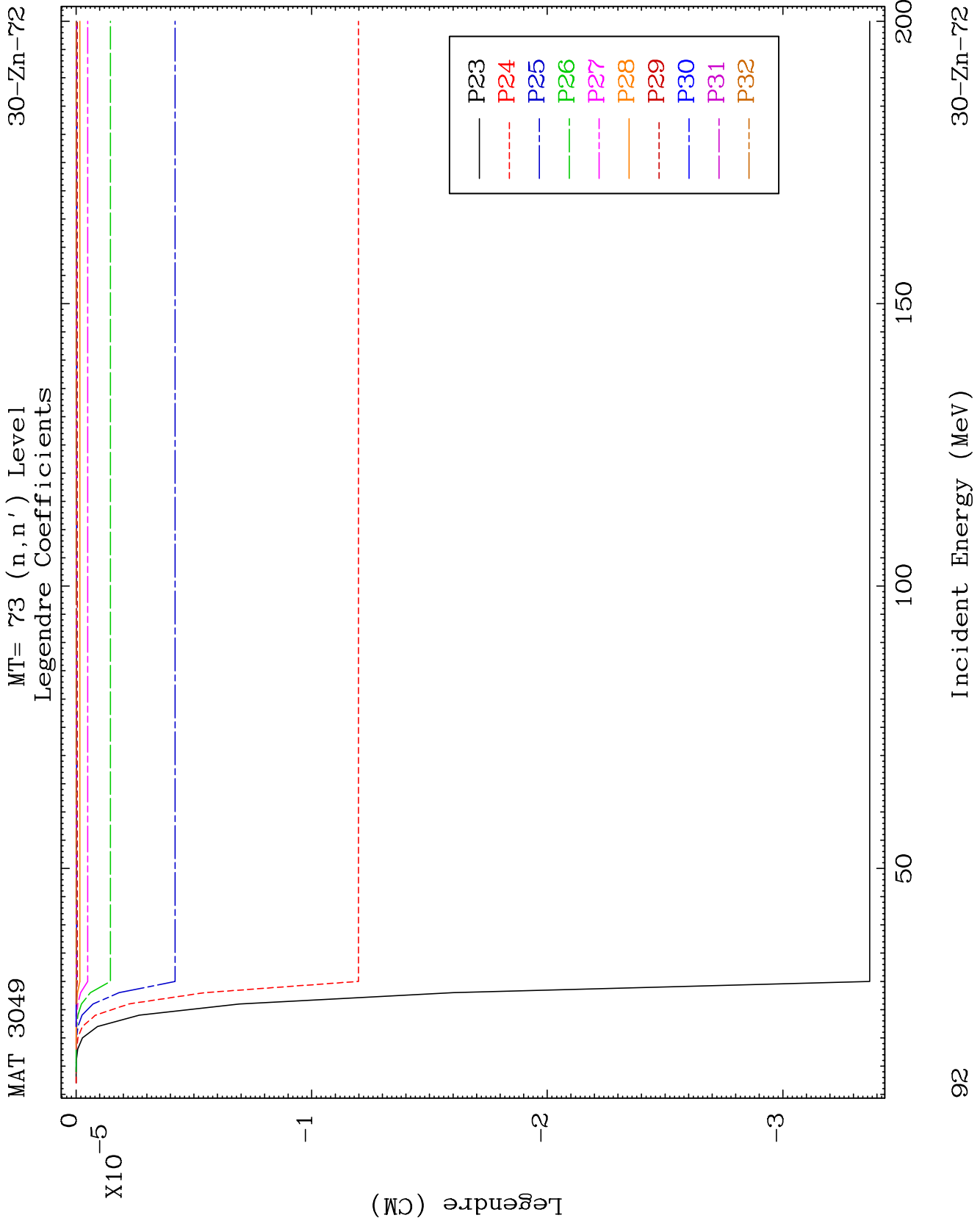


MAT 3049

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

30-Zn-72

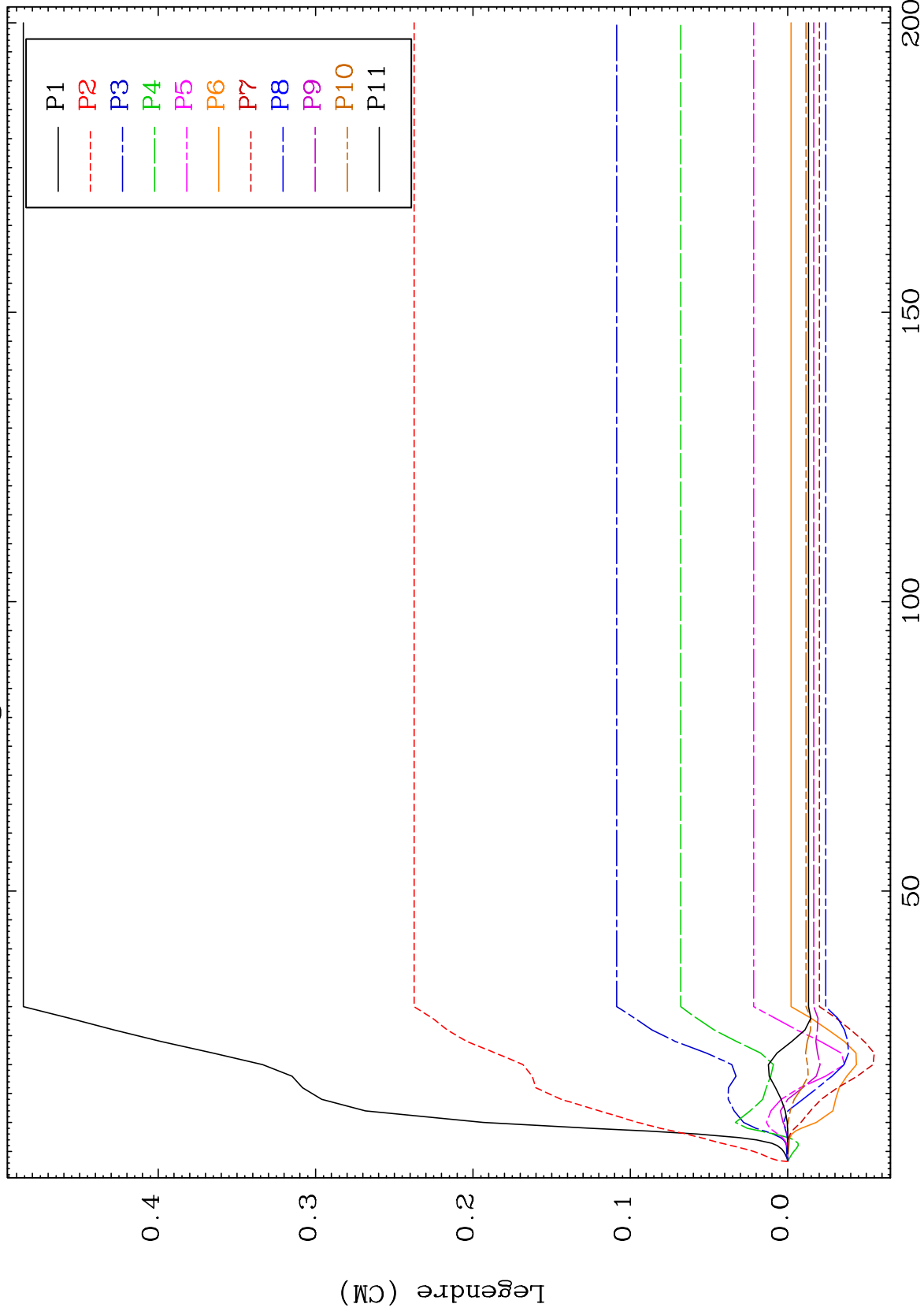




MAT 3049

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

30-Zn-72



93

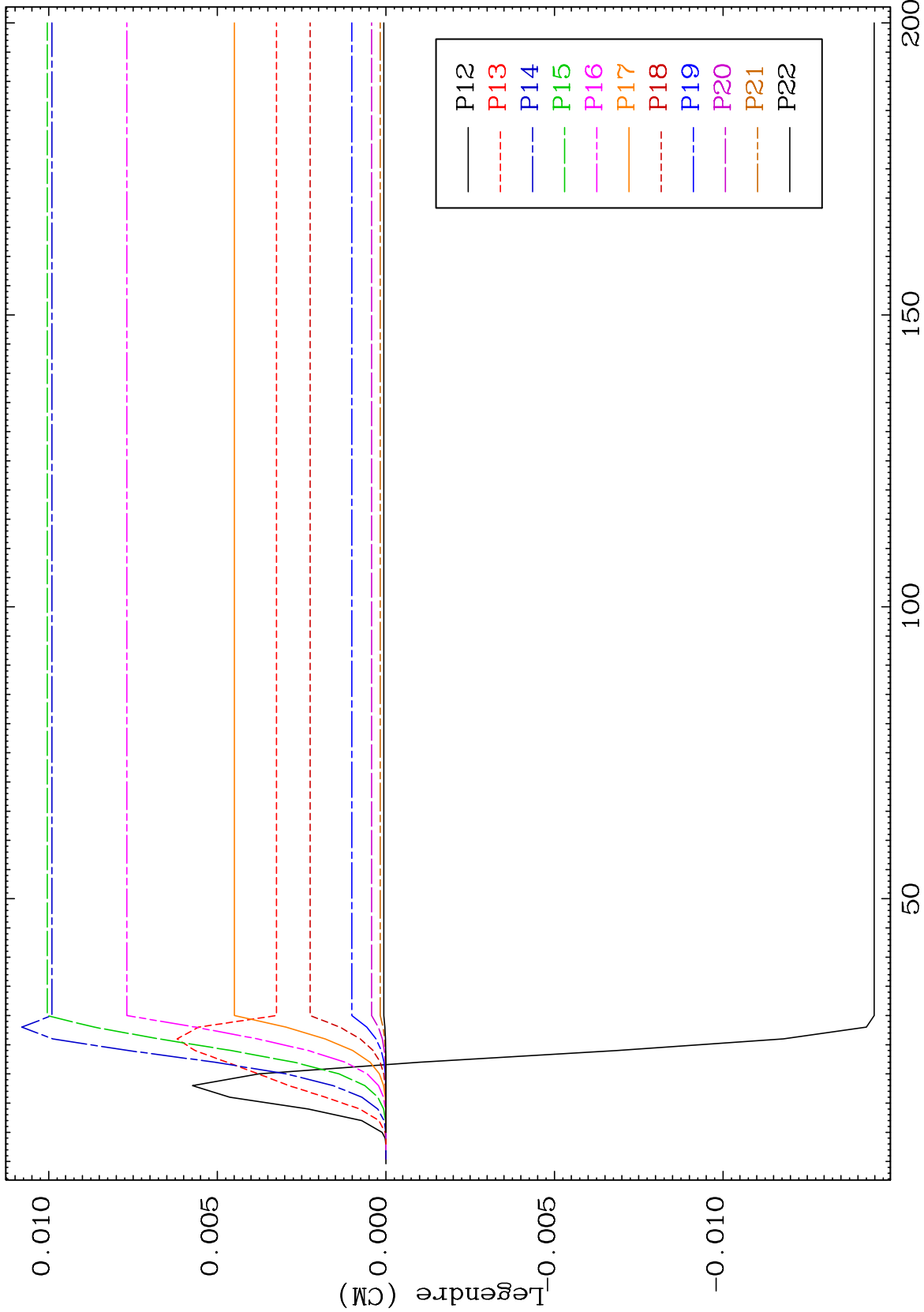
Incident Energy (MeV)

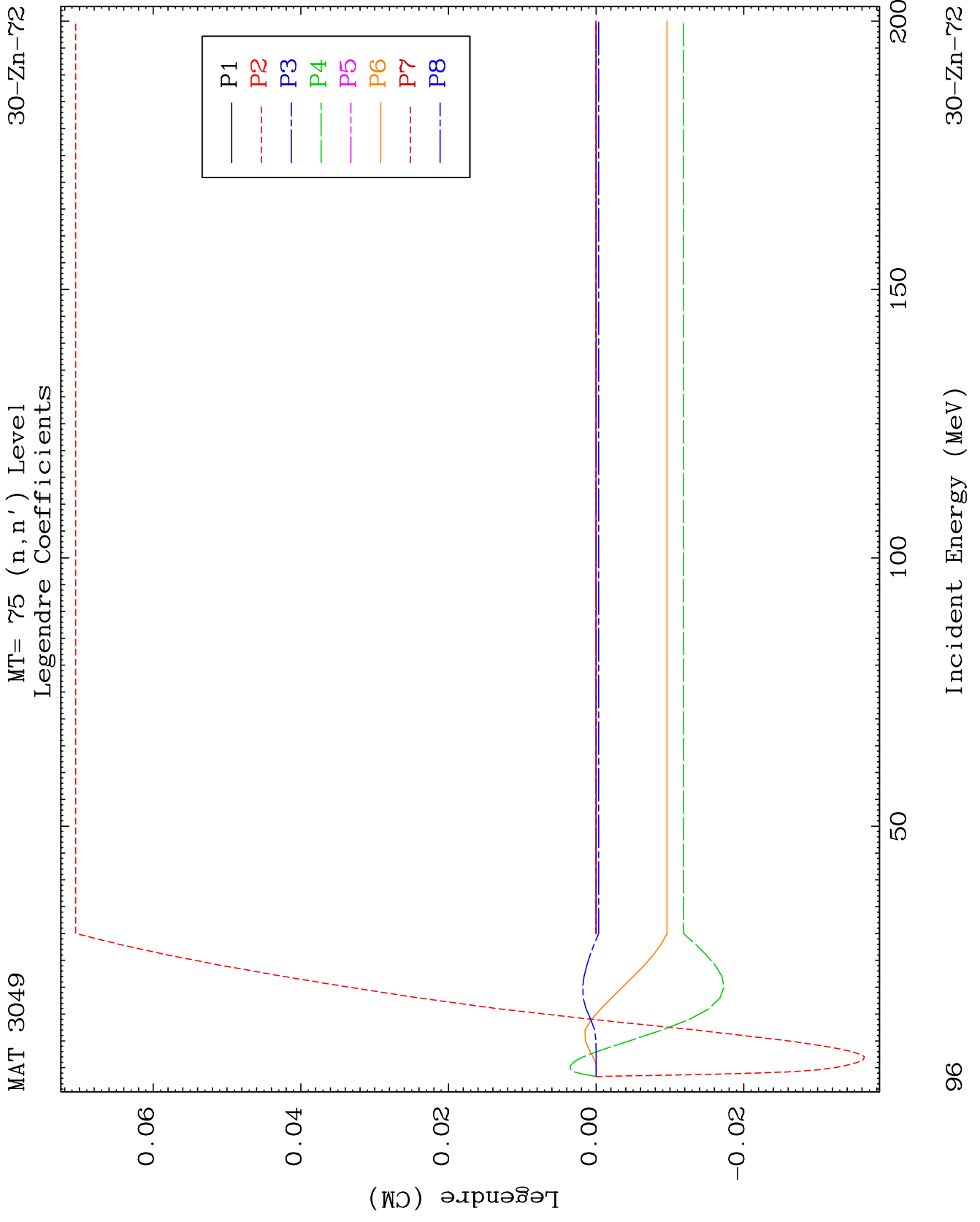
30-Zn-72

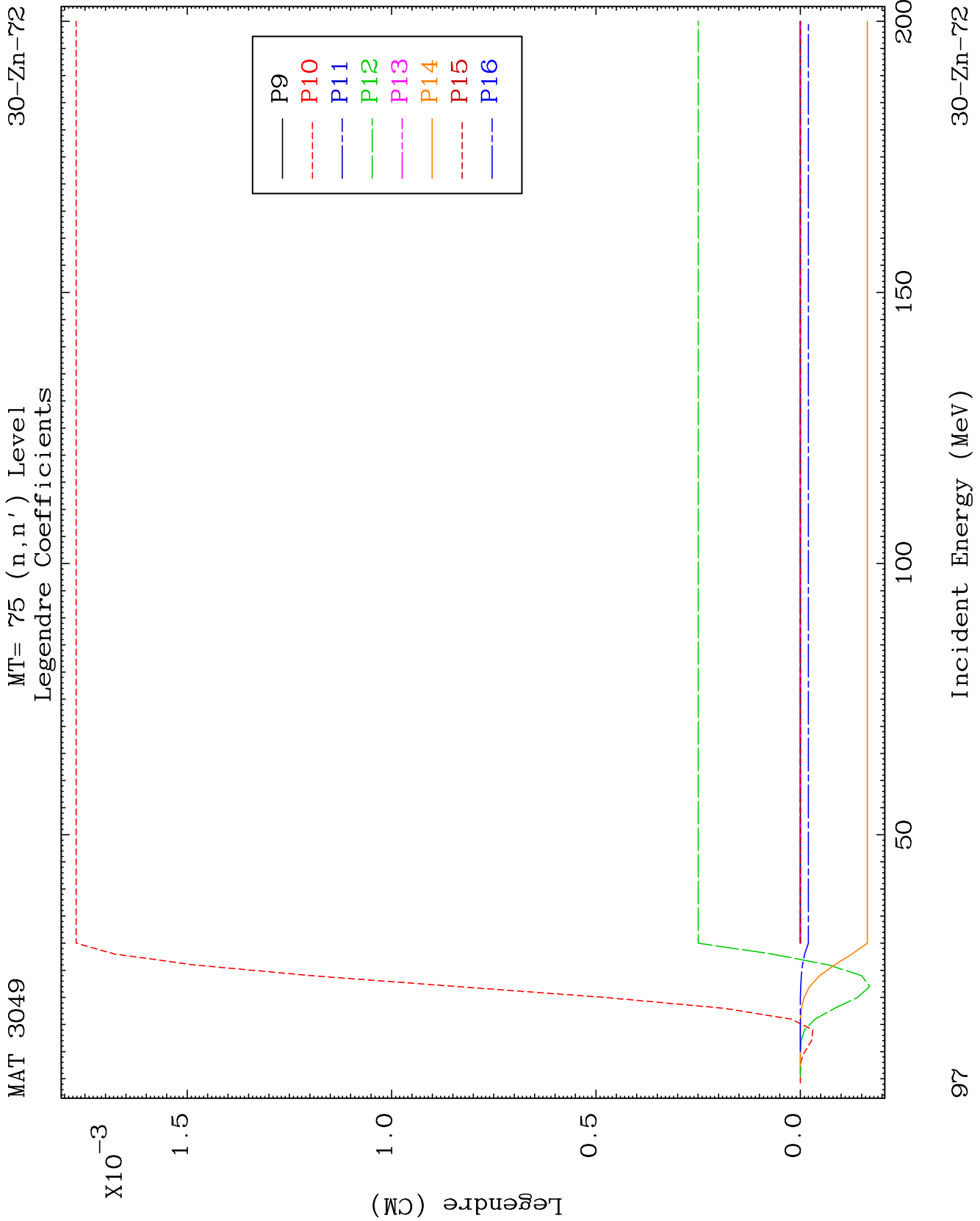
MAT 3049

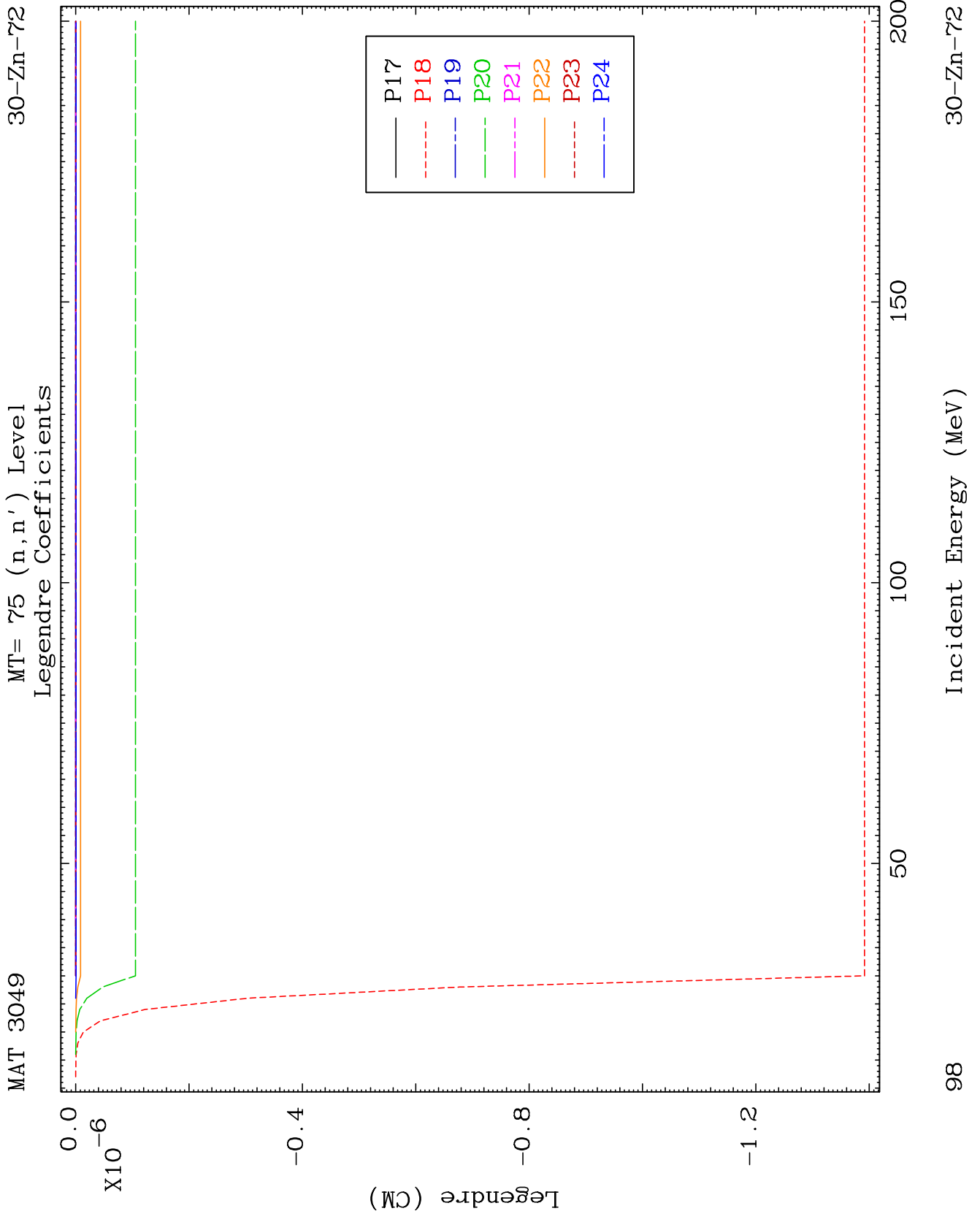
MT= 74 (n,n') Level
Legendre Coefficients

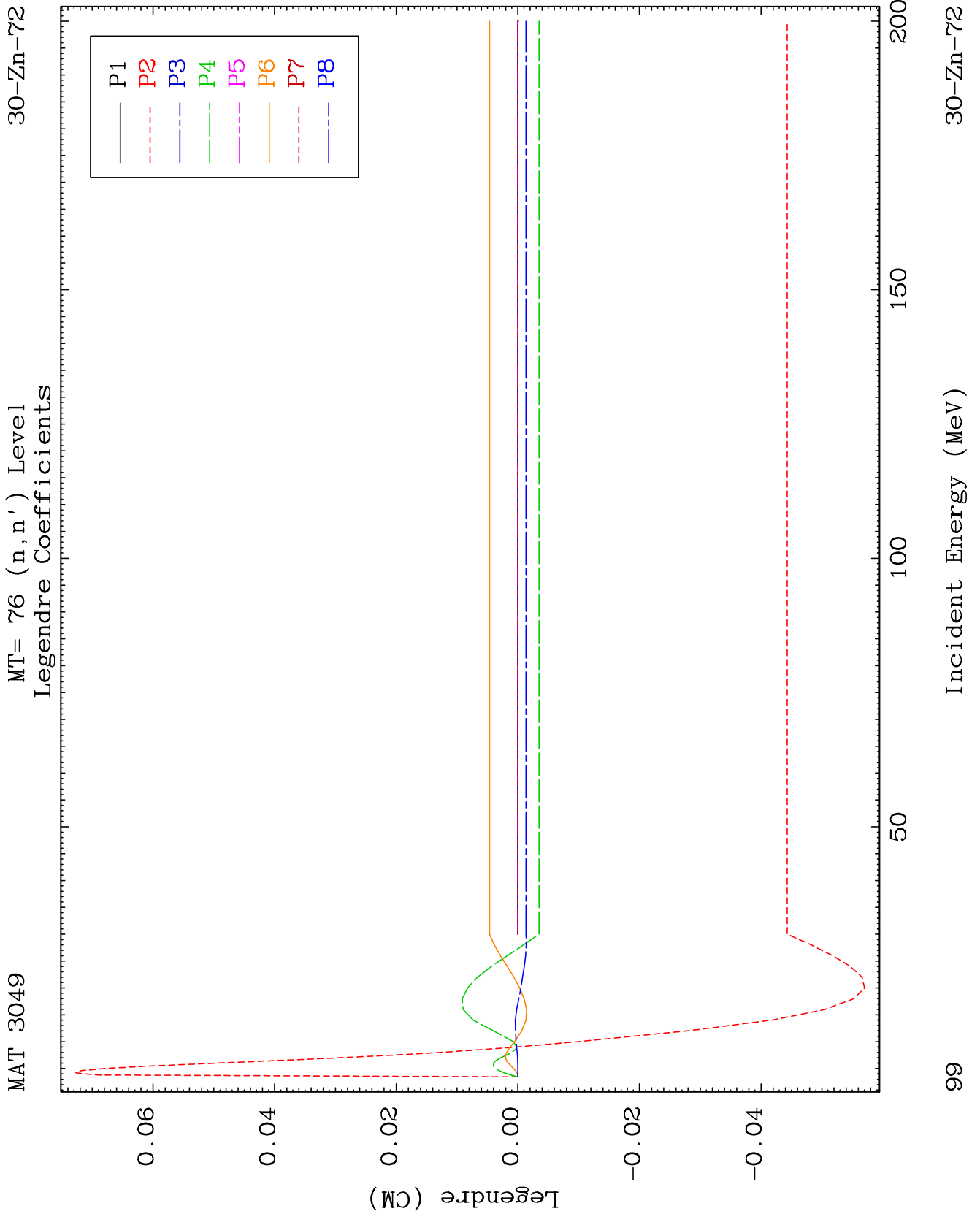
30-Zn-72

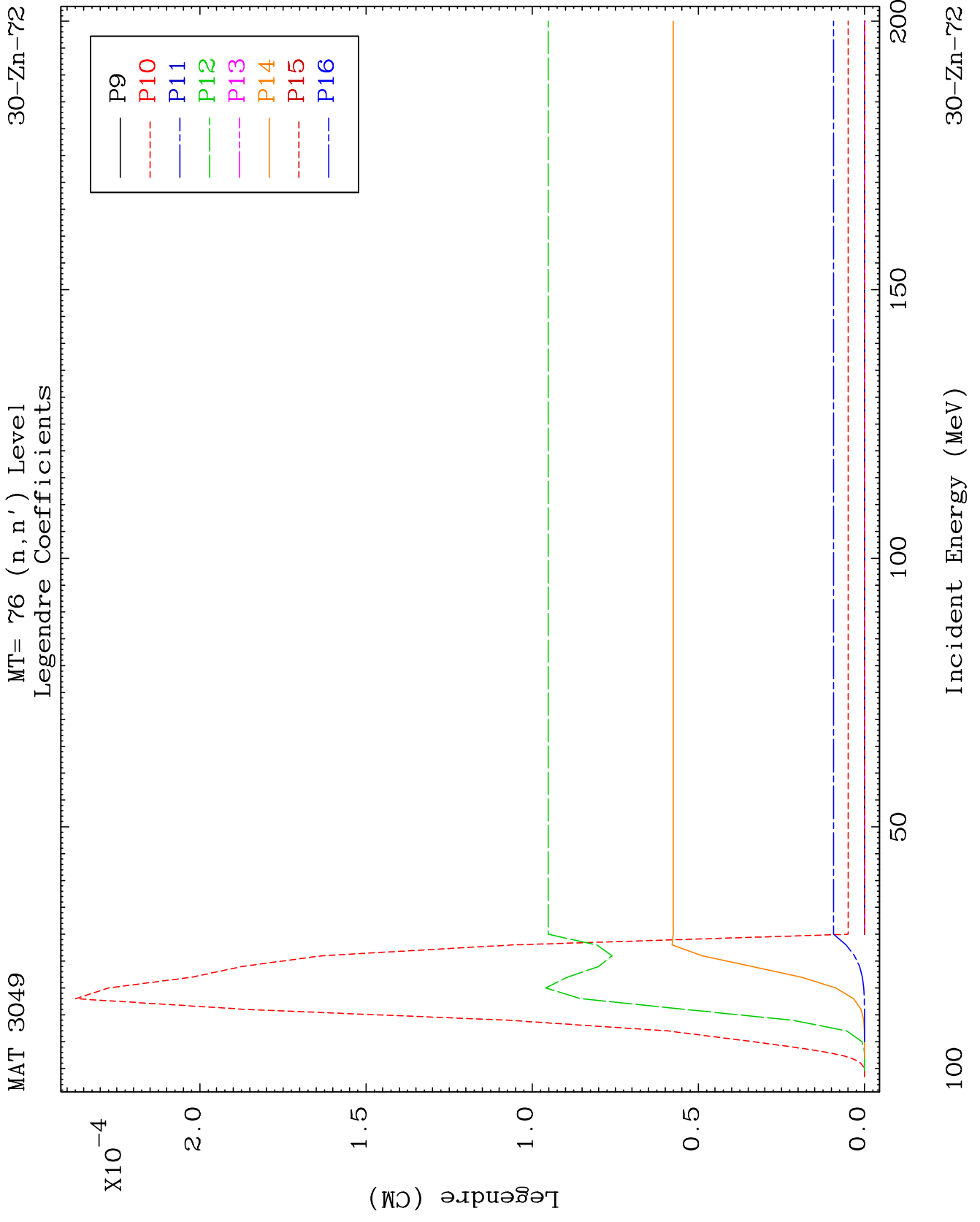








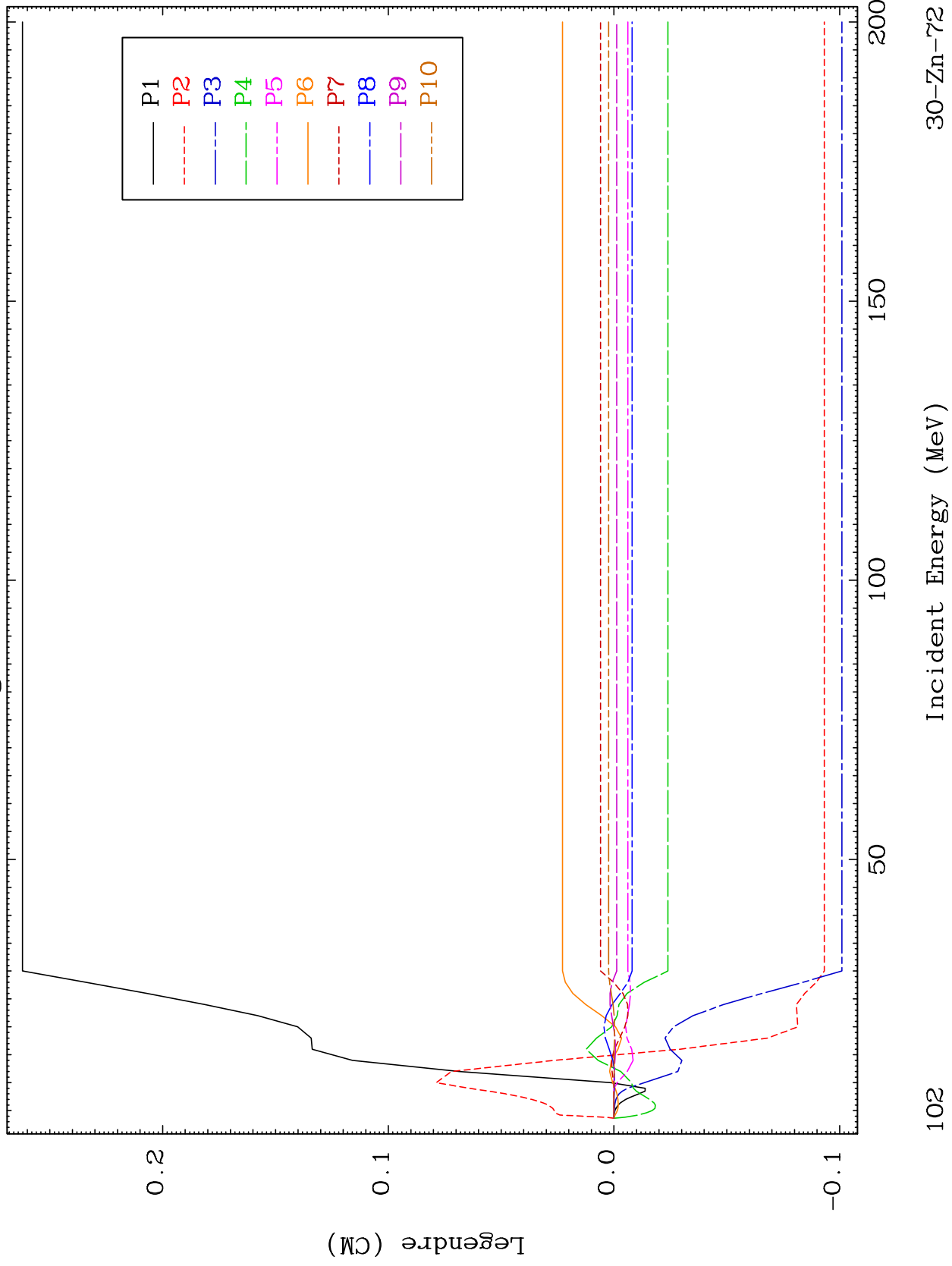




MAT 3049

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

30-Zn-72



102

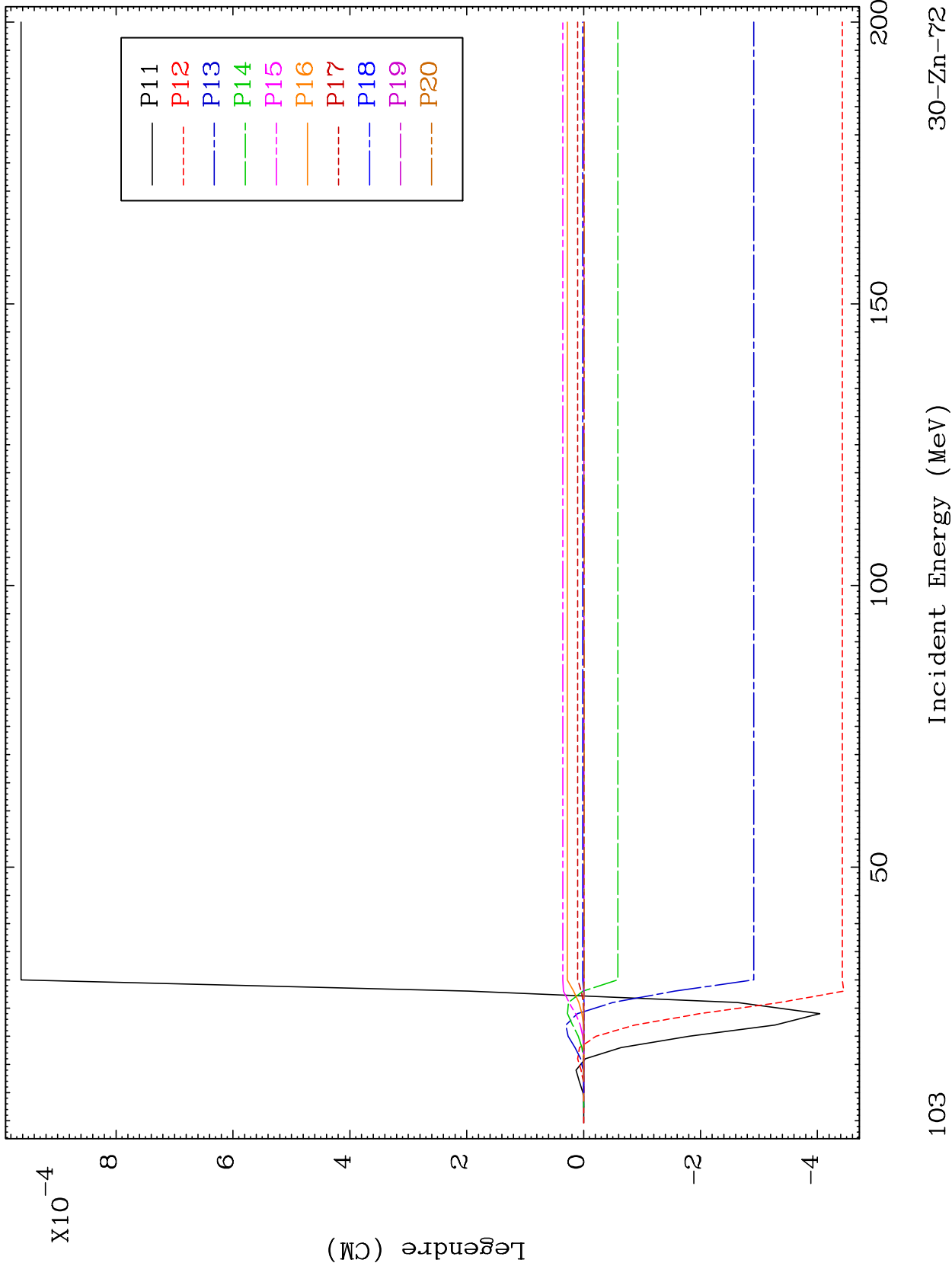
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

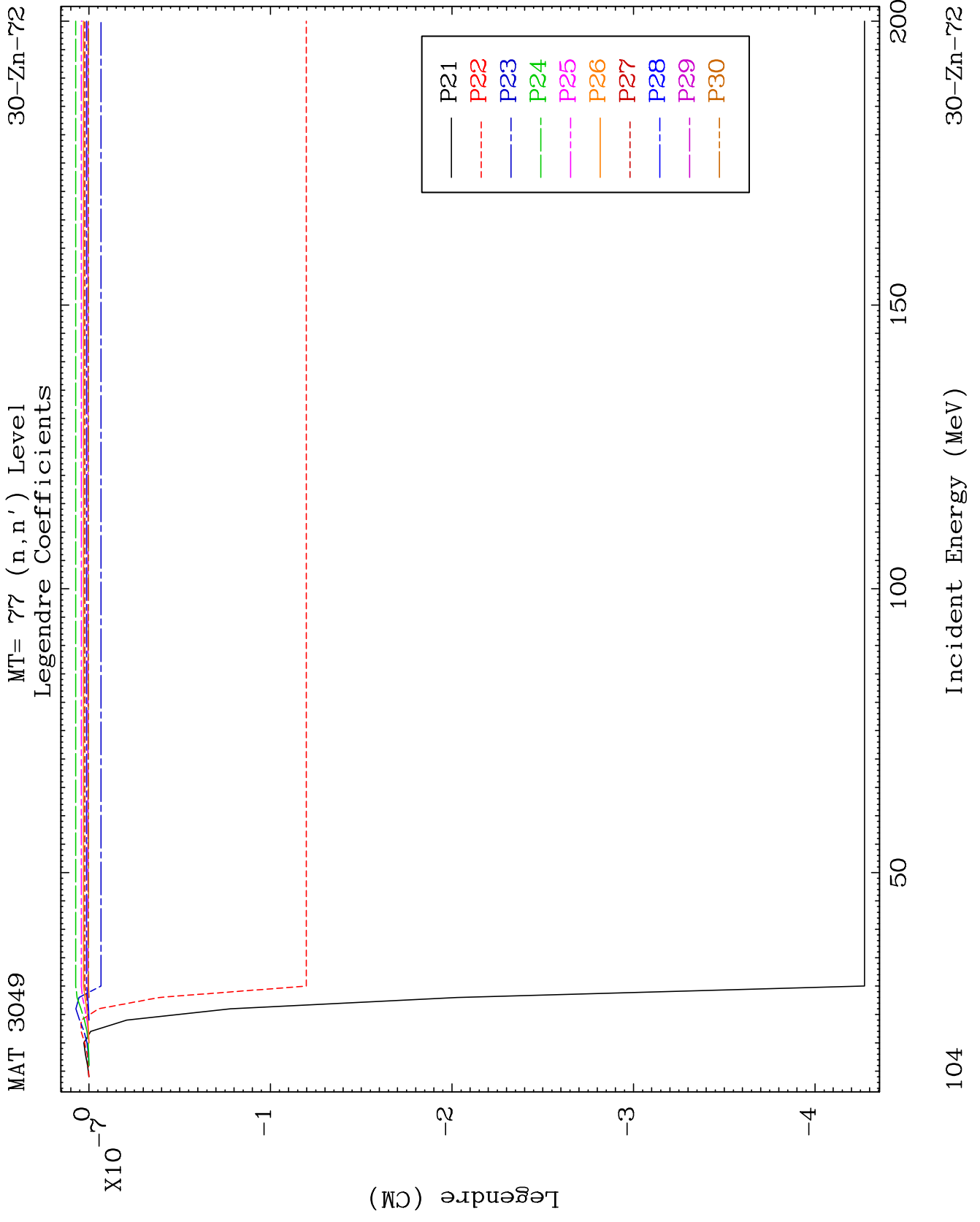
30-Zn-72



103

Incident Energy (MeV)

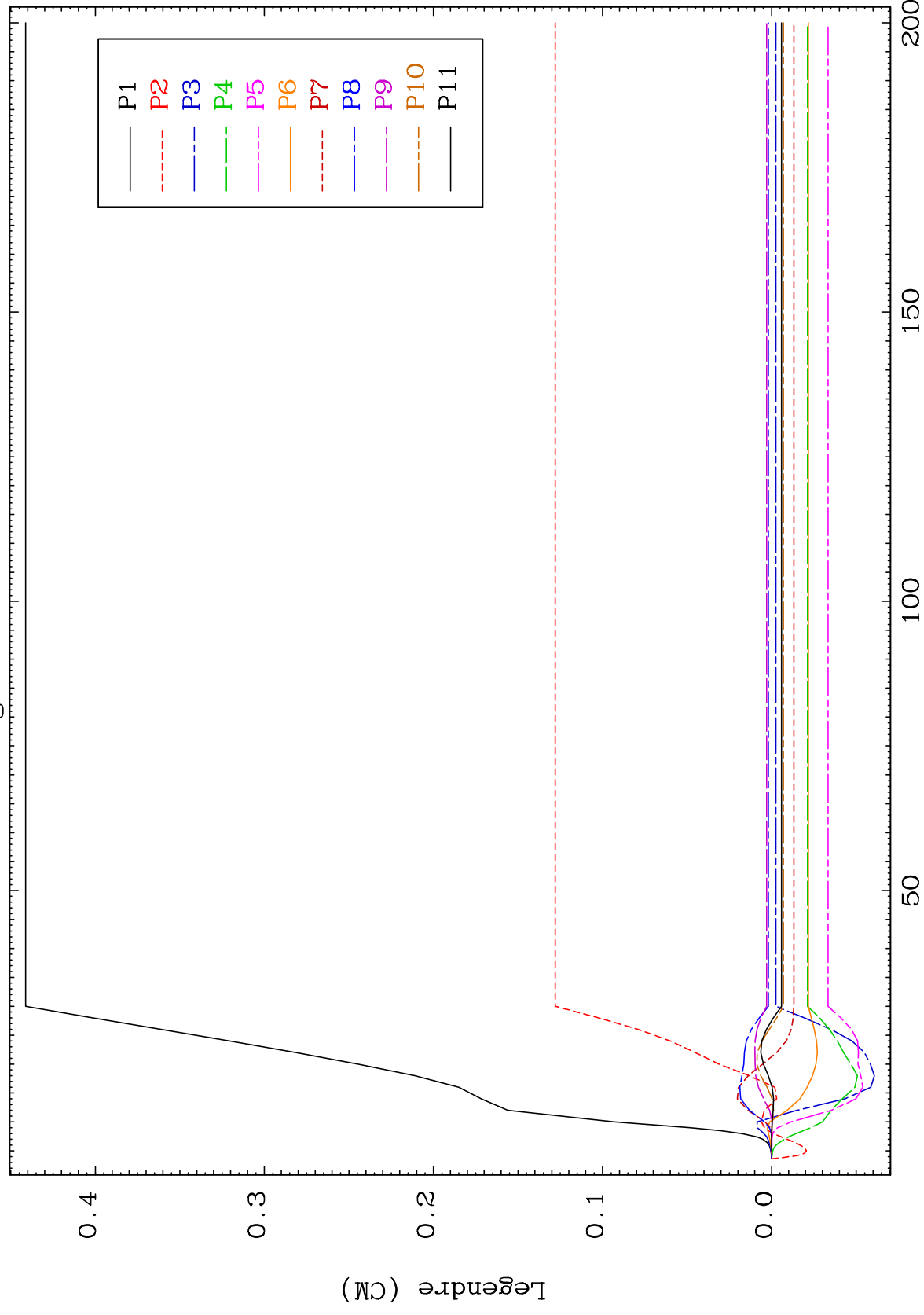
30-Zn-72



MAT 3049

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

30-Zn-72



105

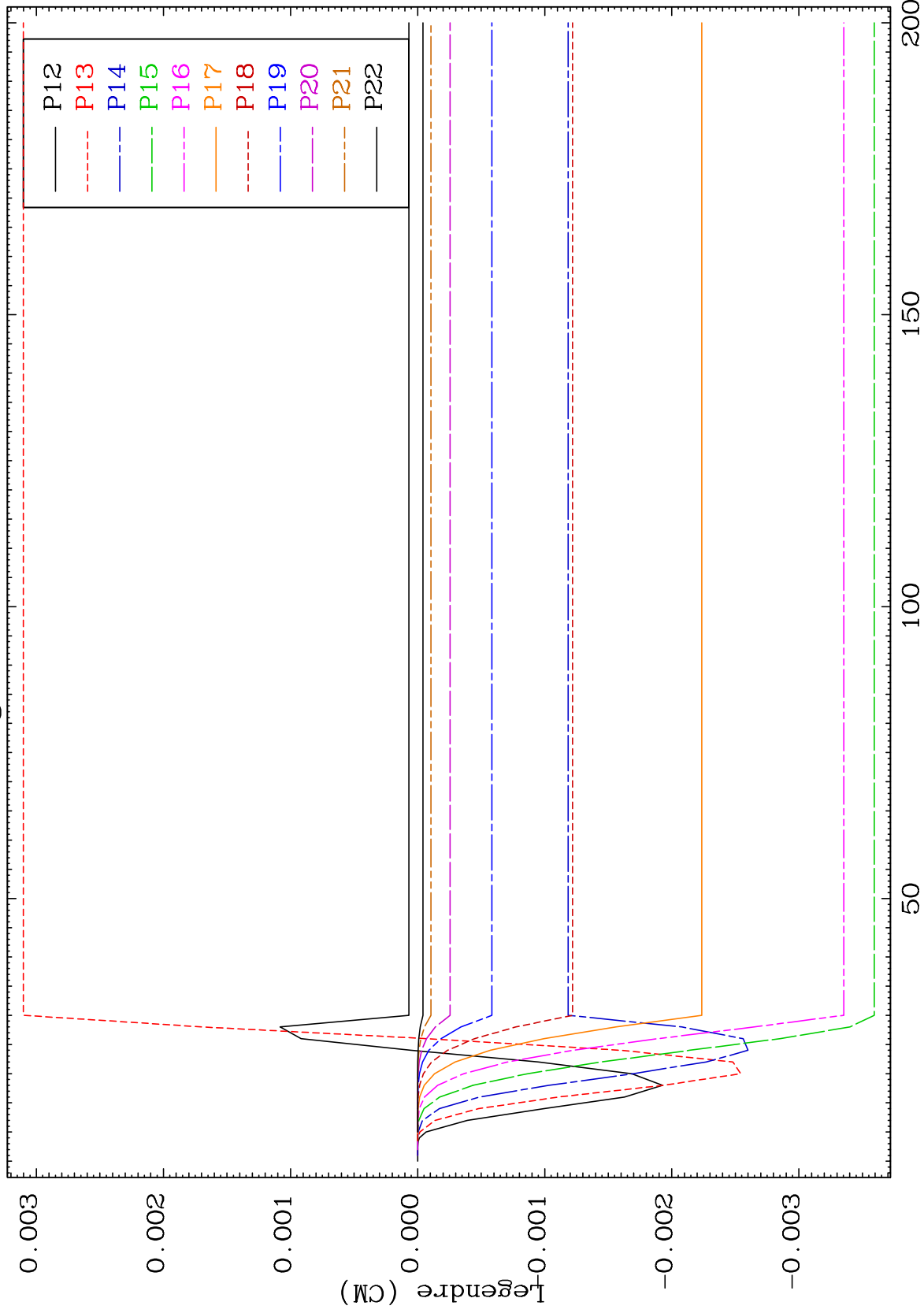
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

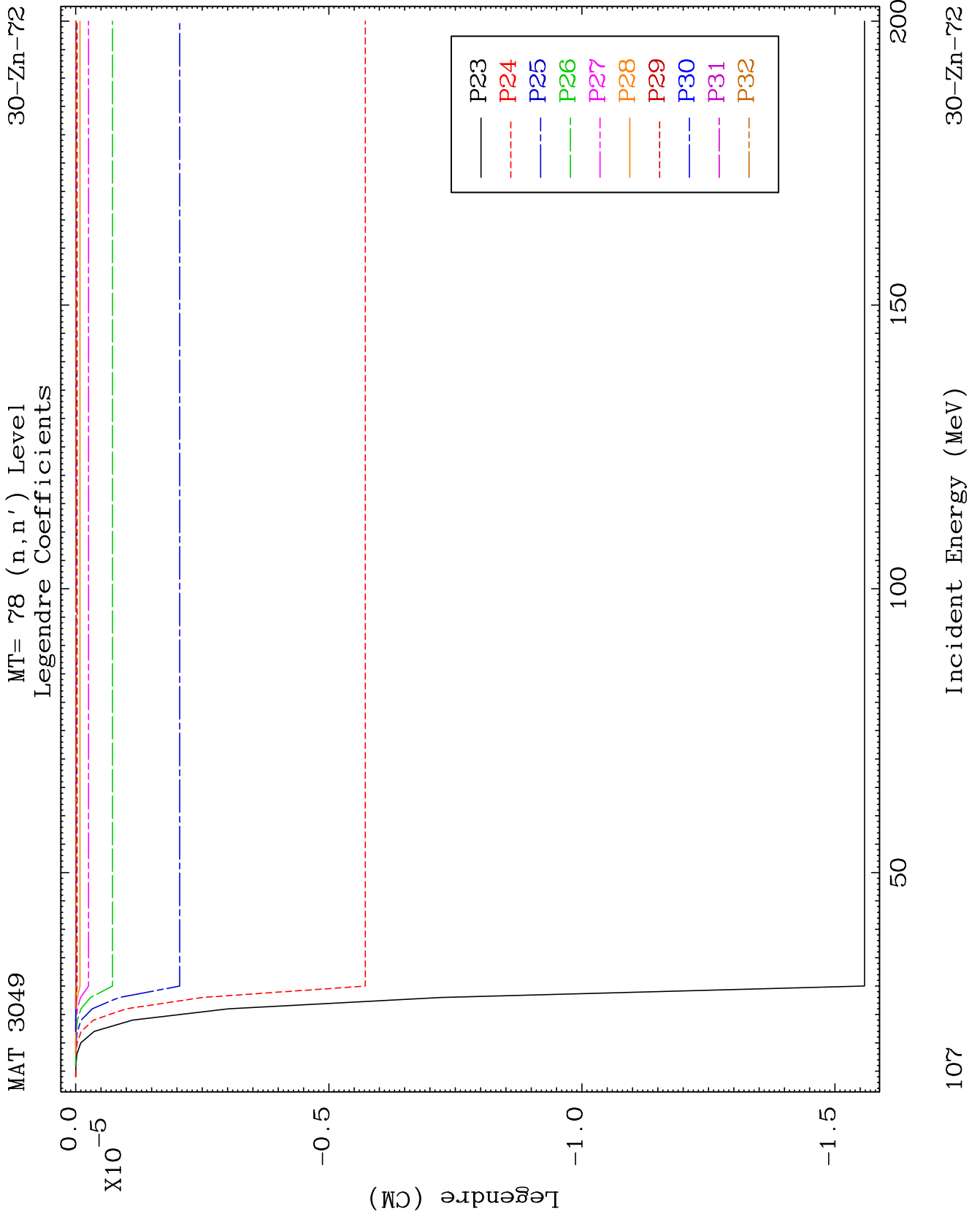
30-Zn-72

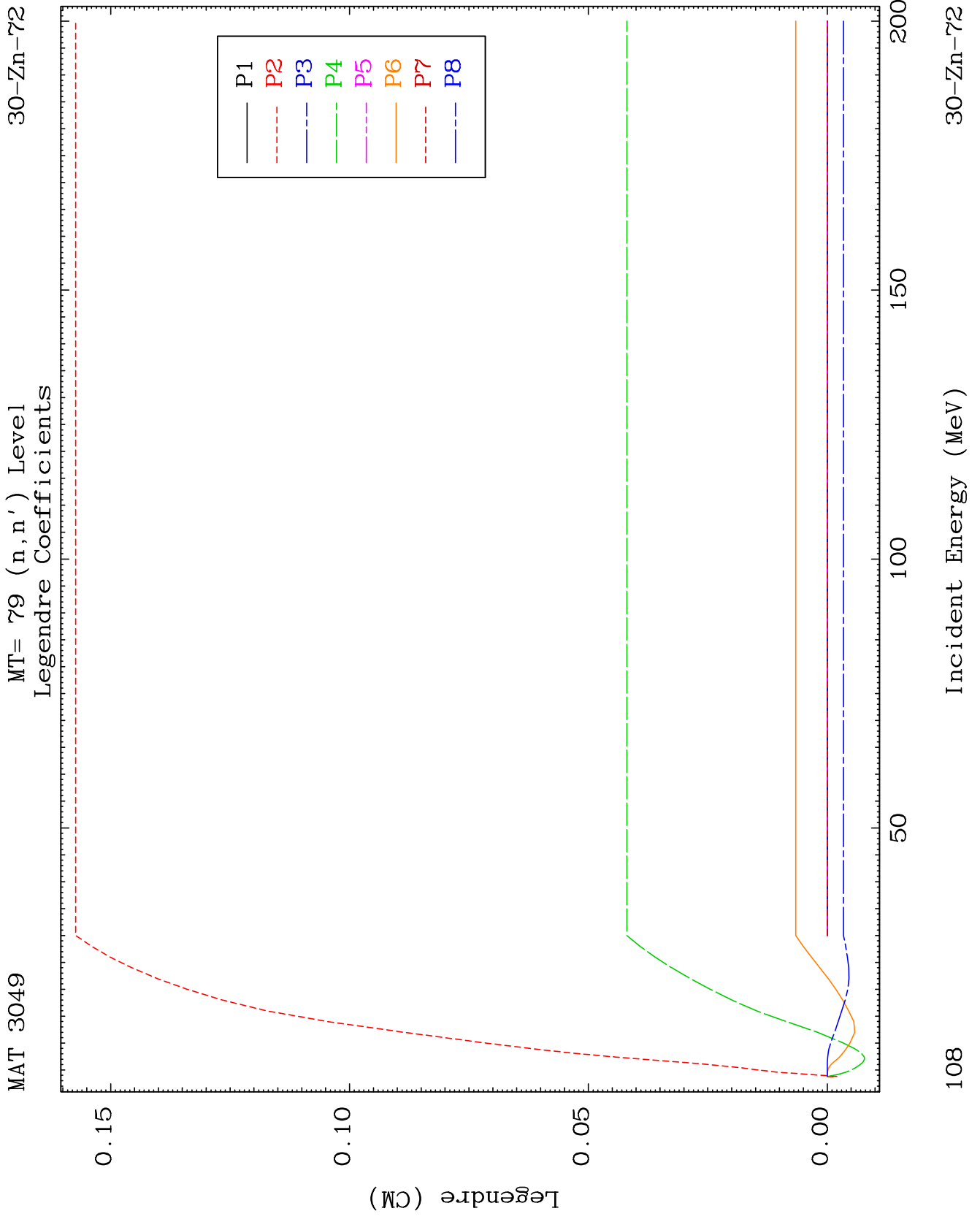


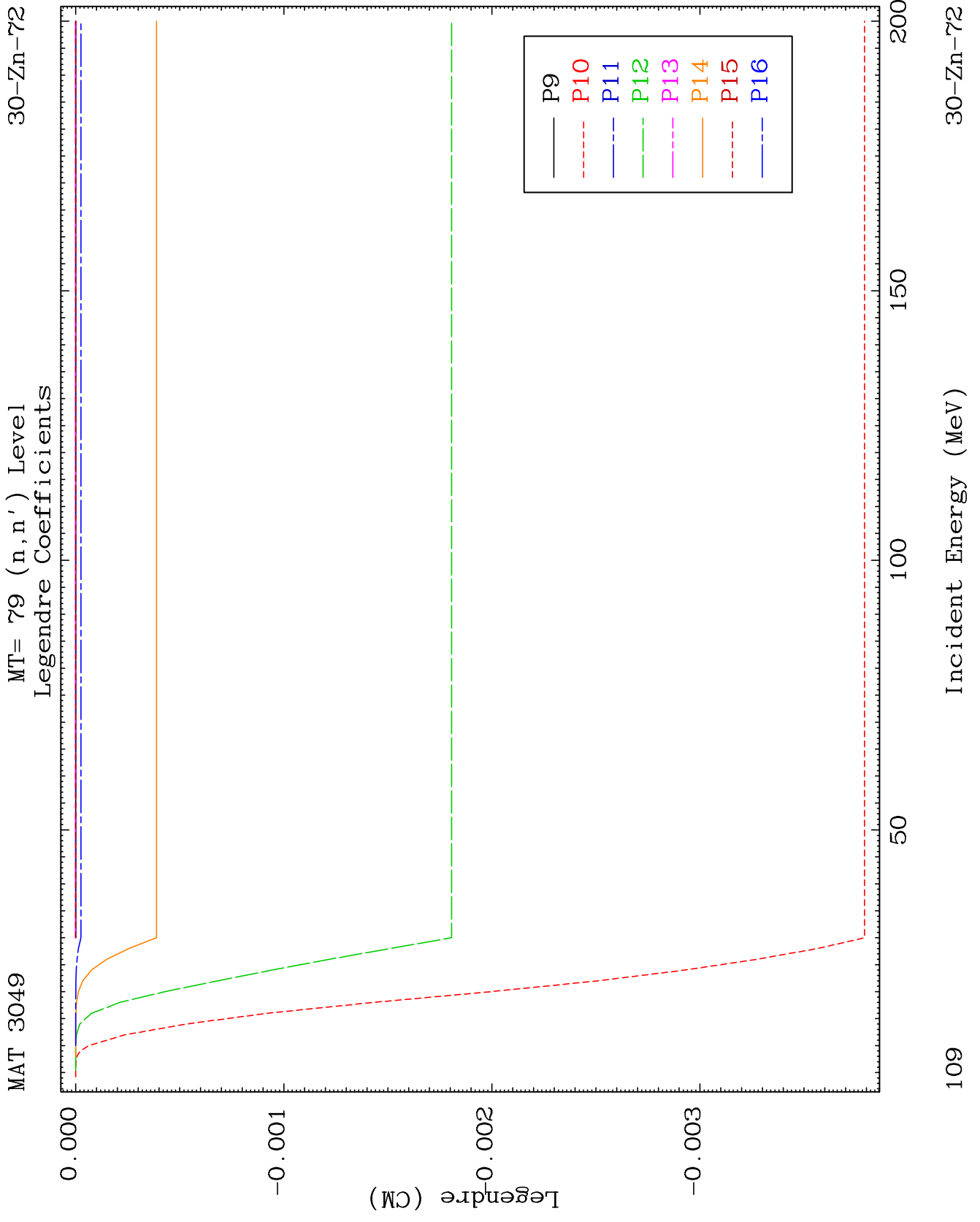
106

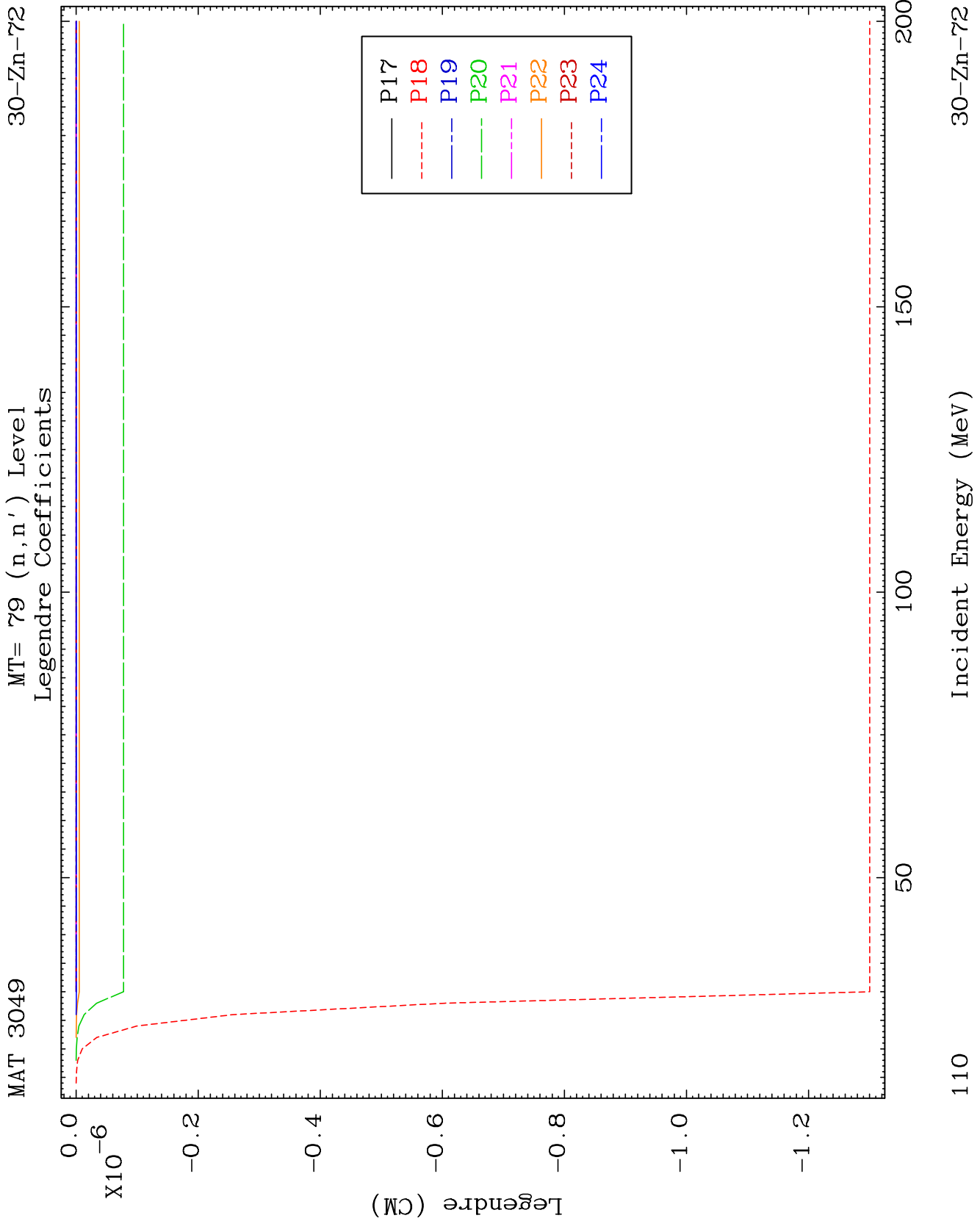
Incident Energy (MeV)

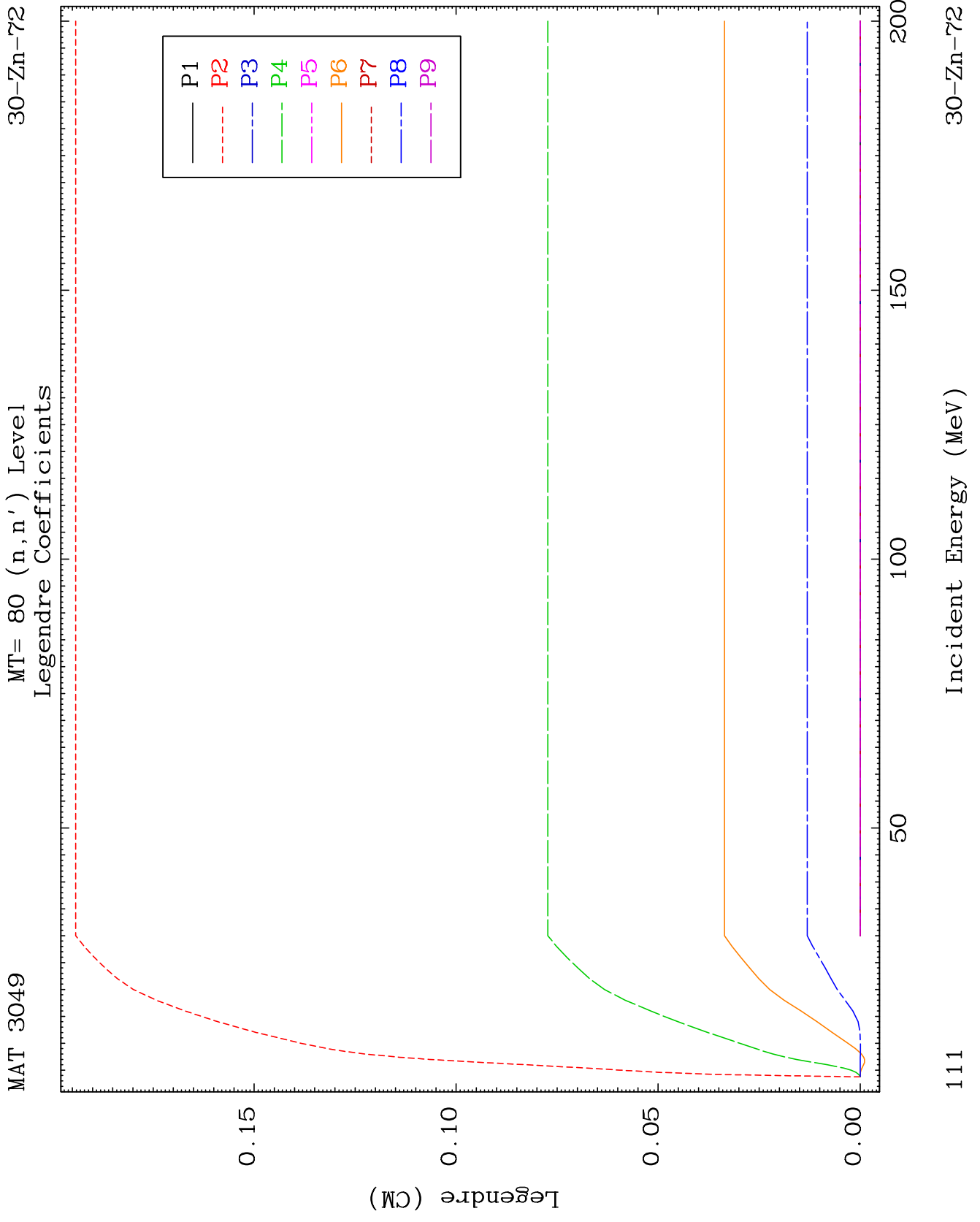
30-Zn-72







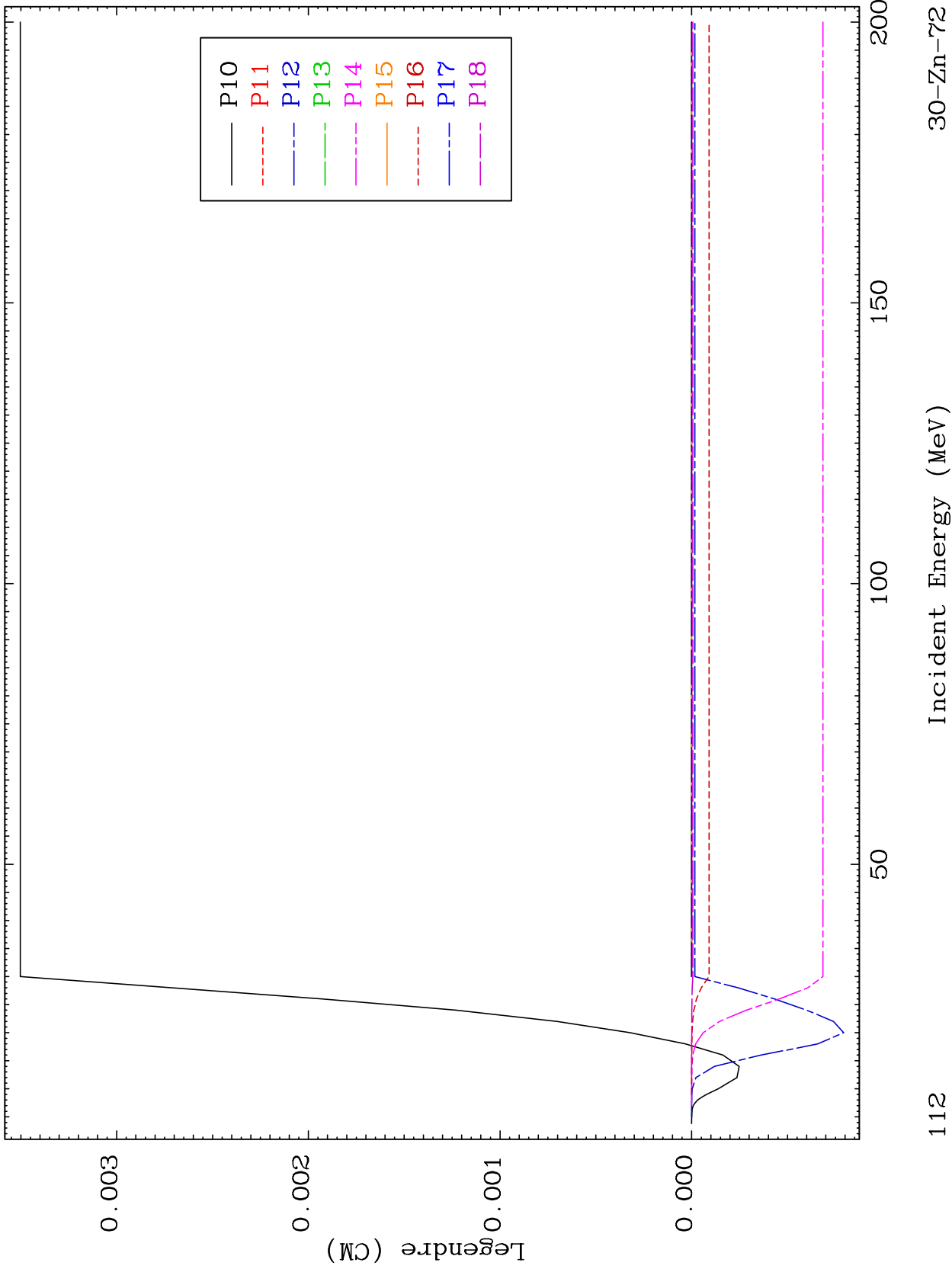




MAT 3049

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

30-Zn-72



112

Incident Energy (MeV)

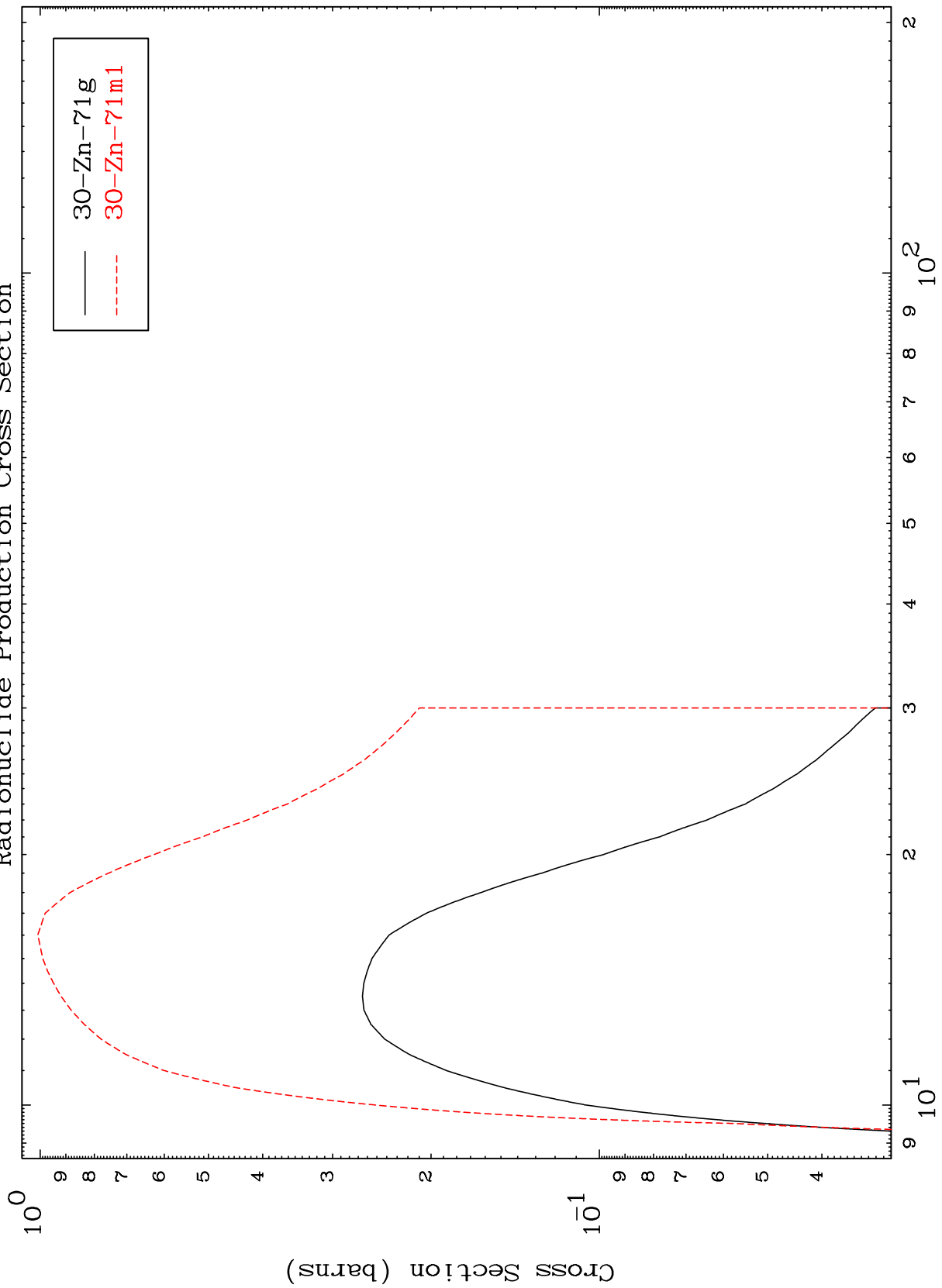
30-Zn-72

MAT 3049

(n,2n)

30-Zn-72

Radionuclide Production Cross Section



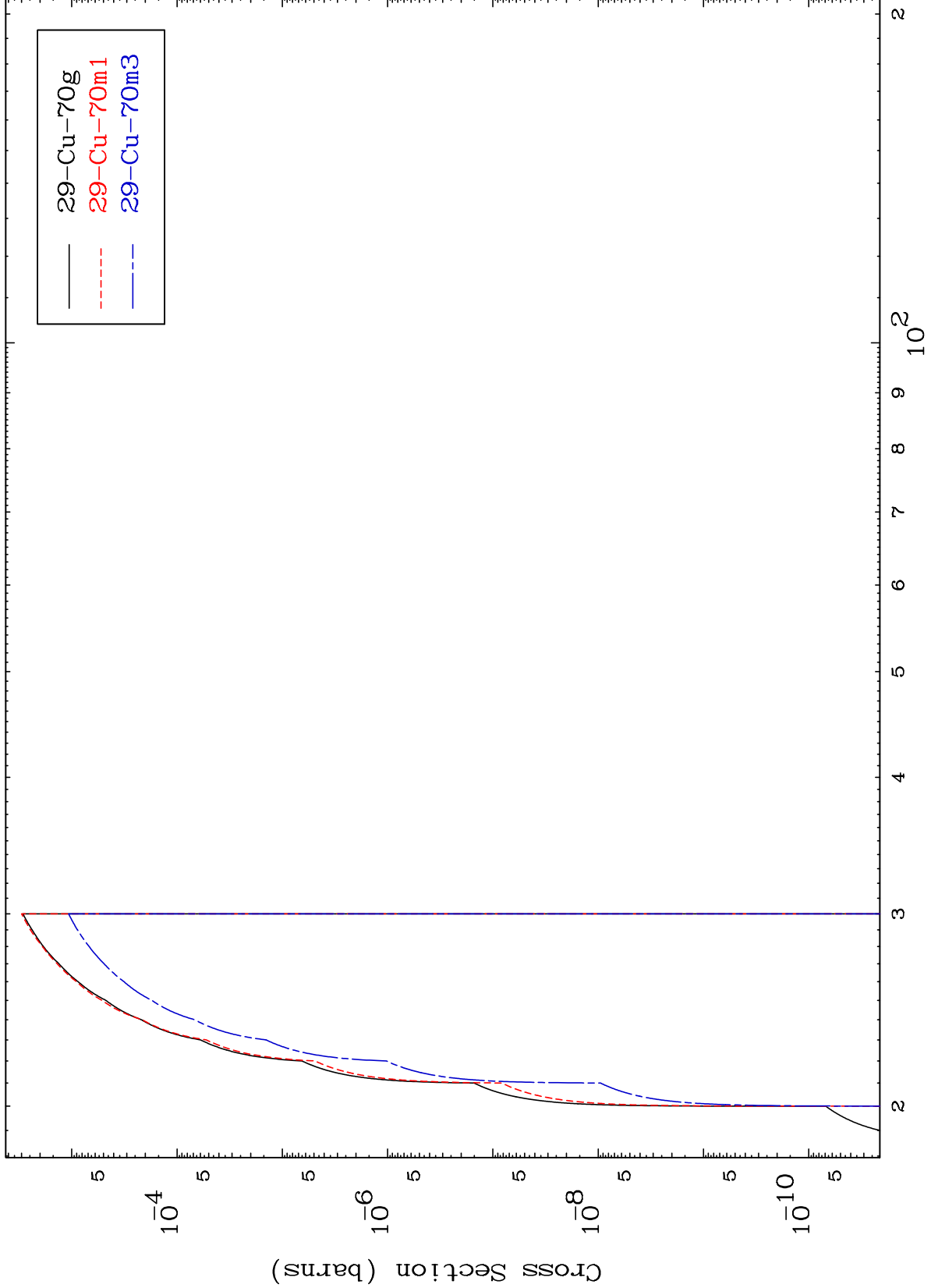
30-Zn-71g
30-Zn-71m1

114

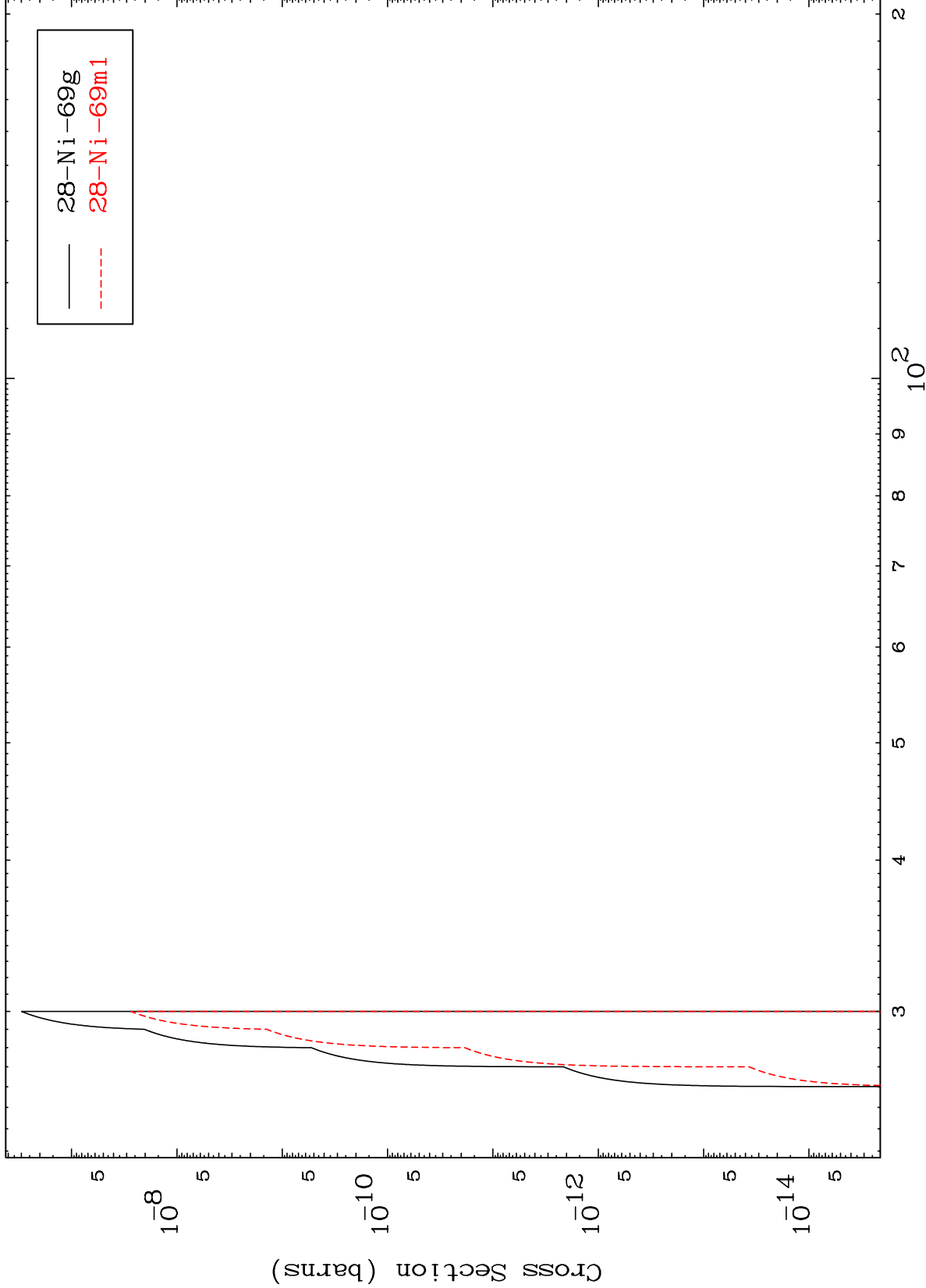
Incident Energy (MeV)

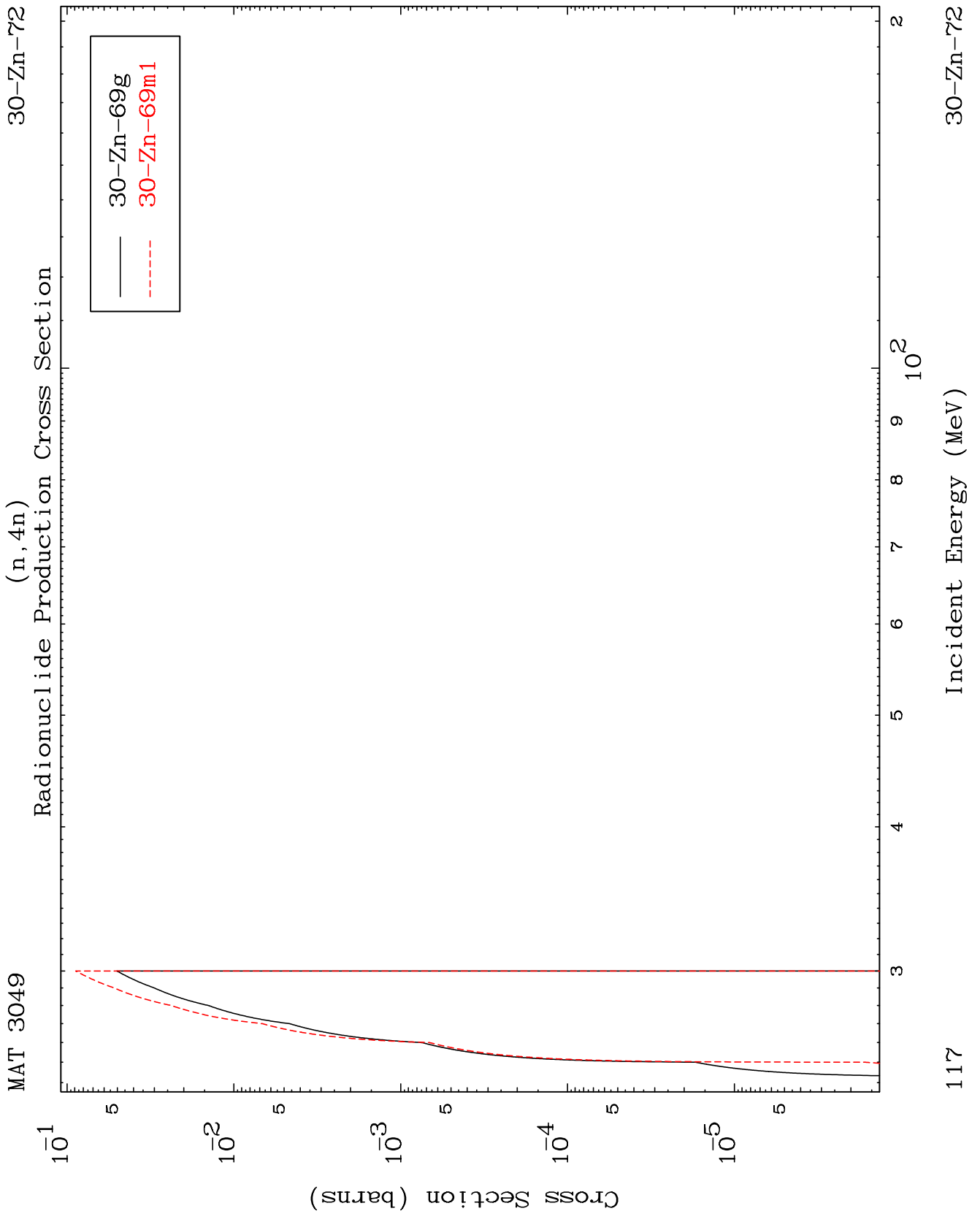
30-Zn-72

Radionuclide Production Cross Section

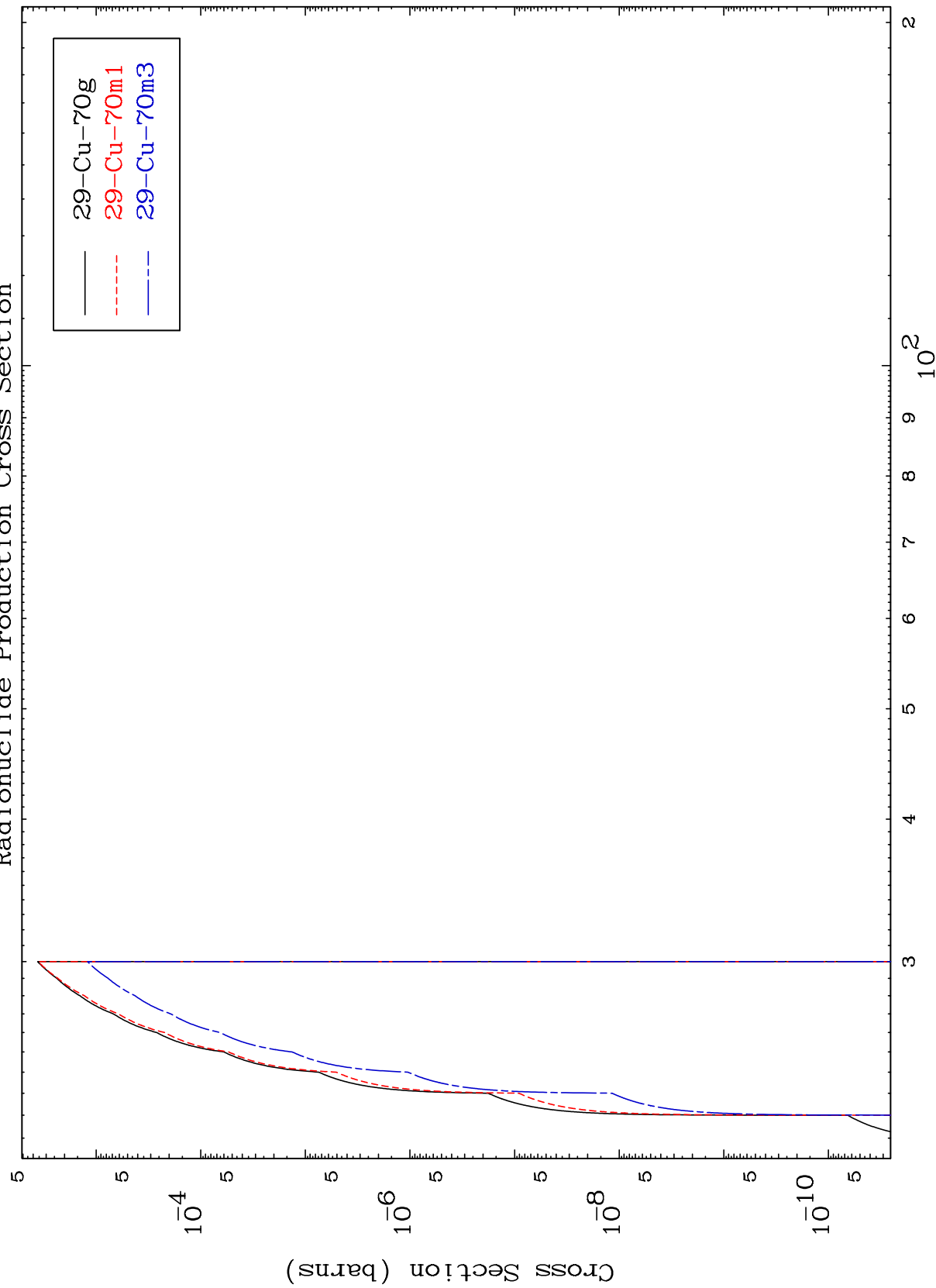


Radionuclide Production Cross Section

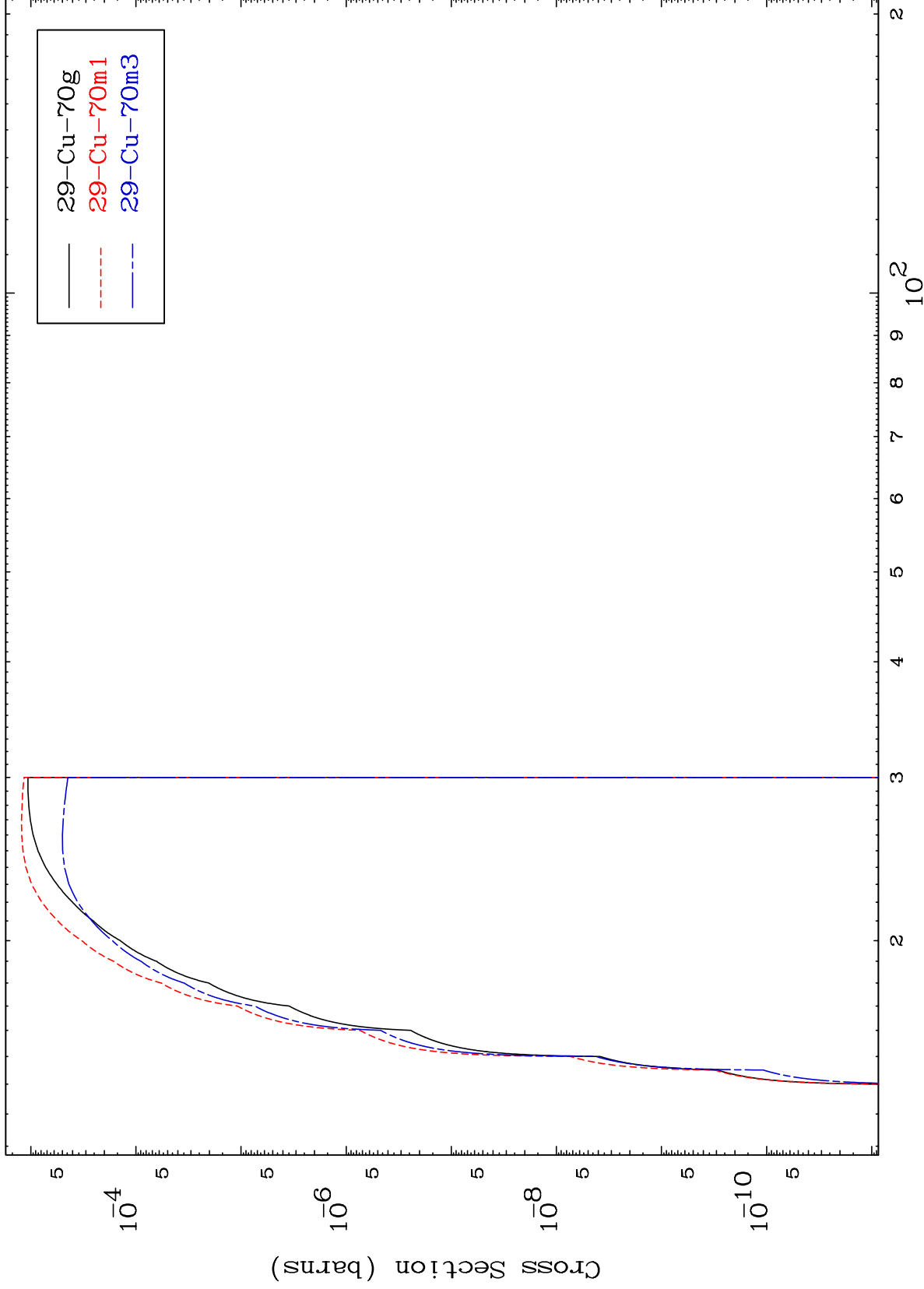




Radionuclide Production Cross Section



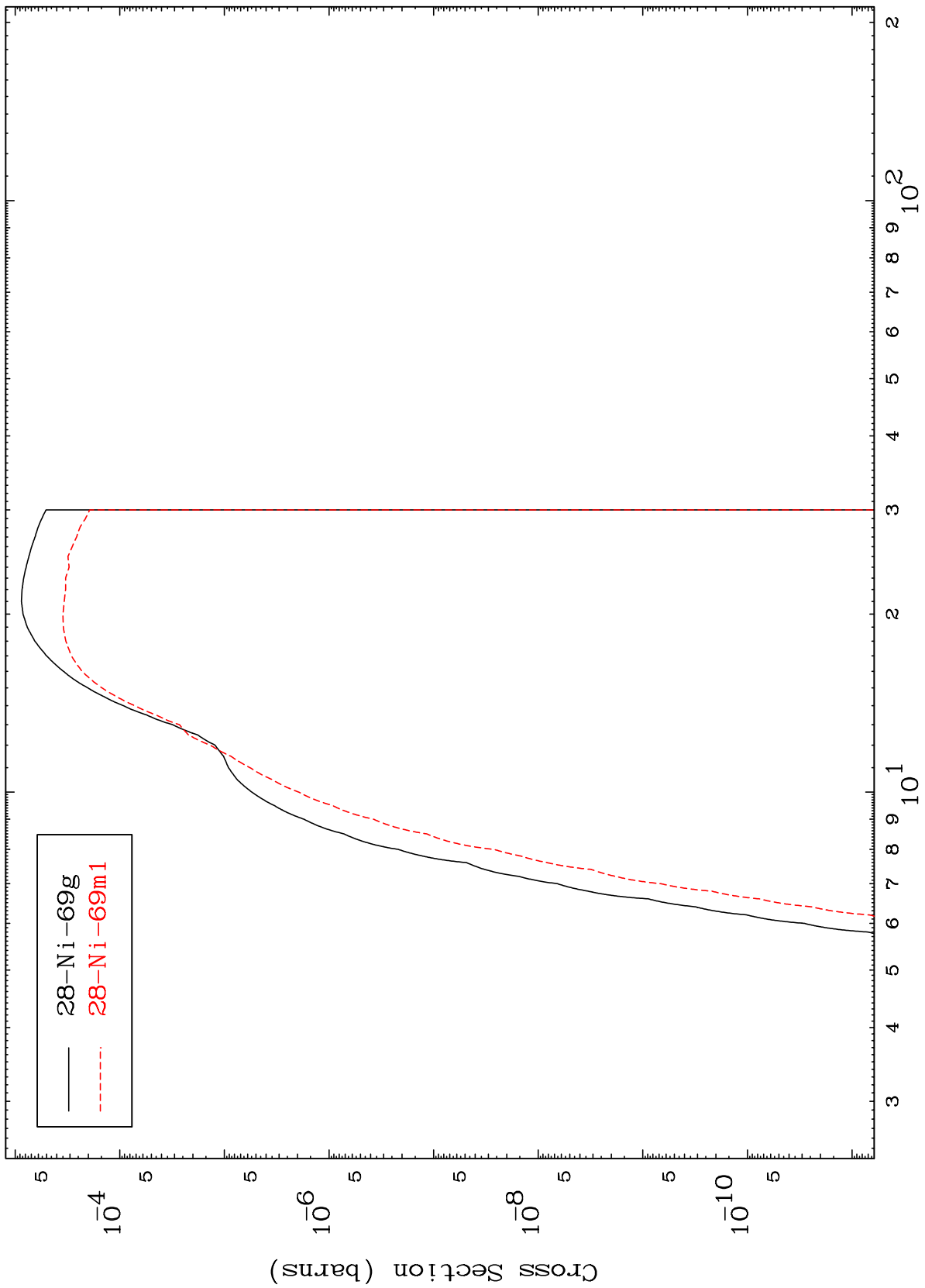
Radionuclide Production Cross Section



MAT 3049

30-Zn-72

Radionuclide Production Cross Section
(n, α)



120

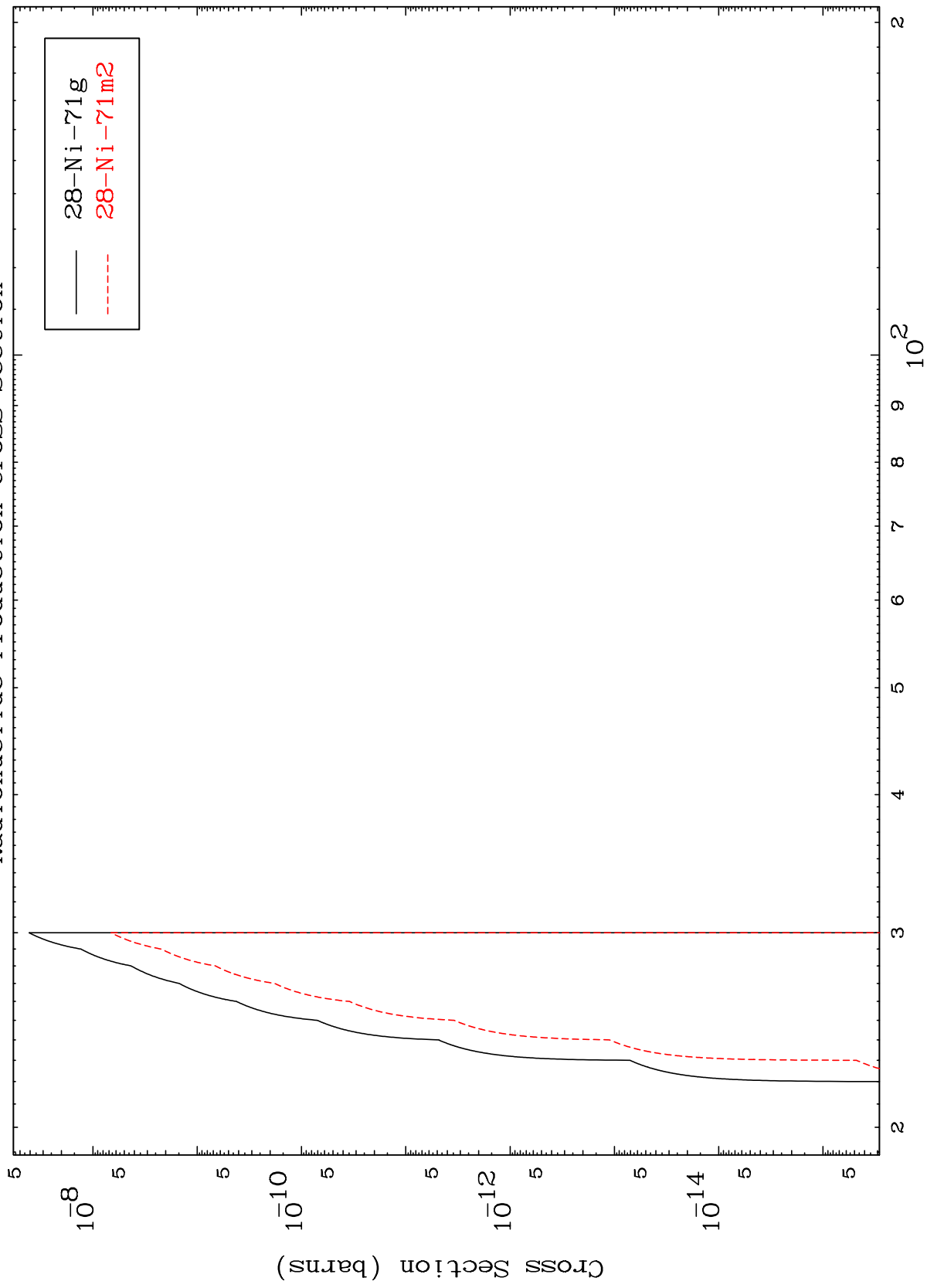
Incident Energy (MeV)

30-Zn-72

MAT 3049

30-Zn-72

(n,2p)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

30-Zn-72

Radionuclide Production Cross Section

