

Program EVALPLOT
(Version 2017-1)

by

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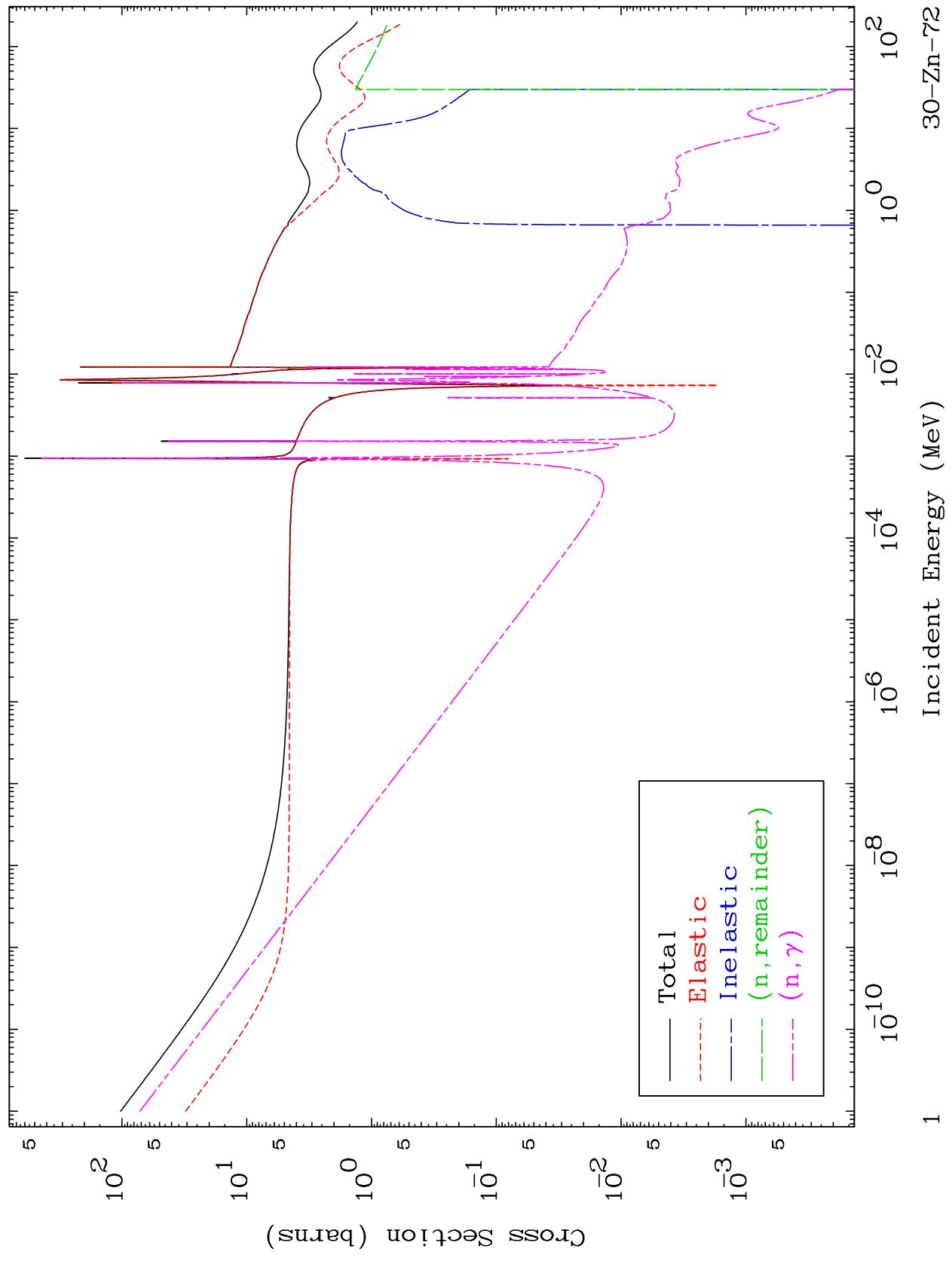
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3049

Major
293 Kelvin Cross Sections

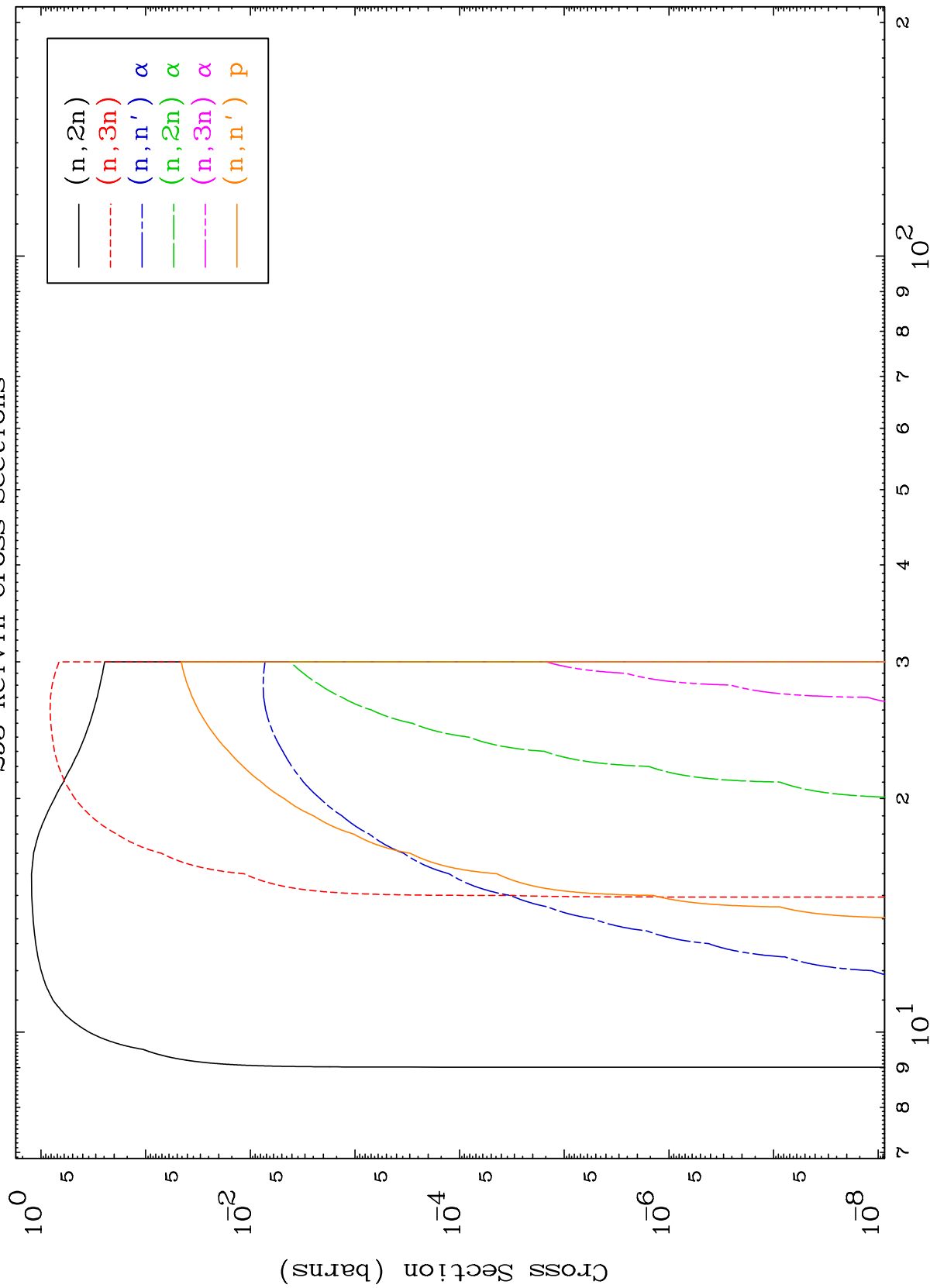
30-Zn-72



MAT 3049

Neutron Production
293 Kelvin Cross Sections

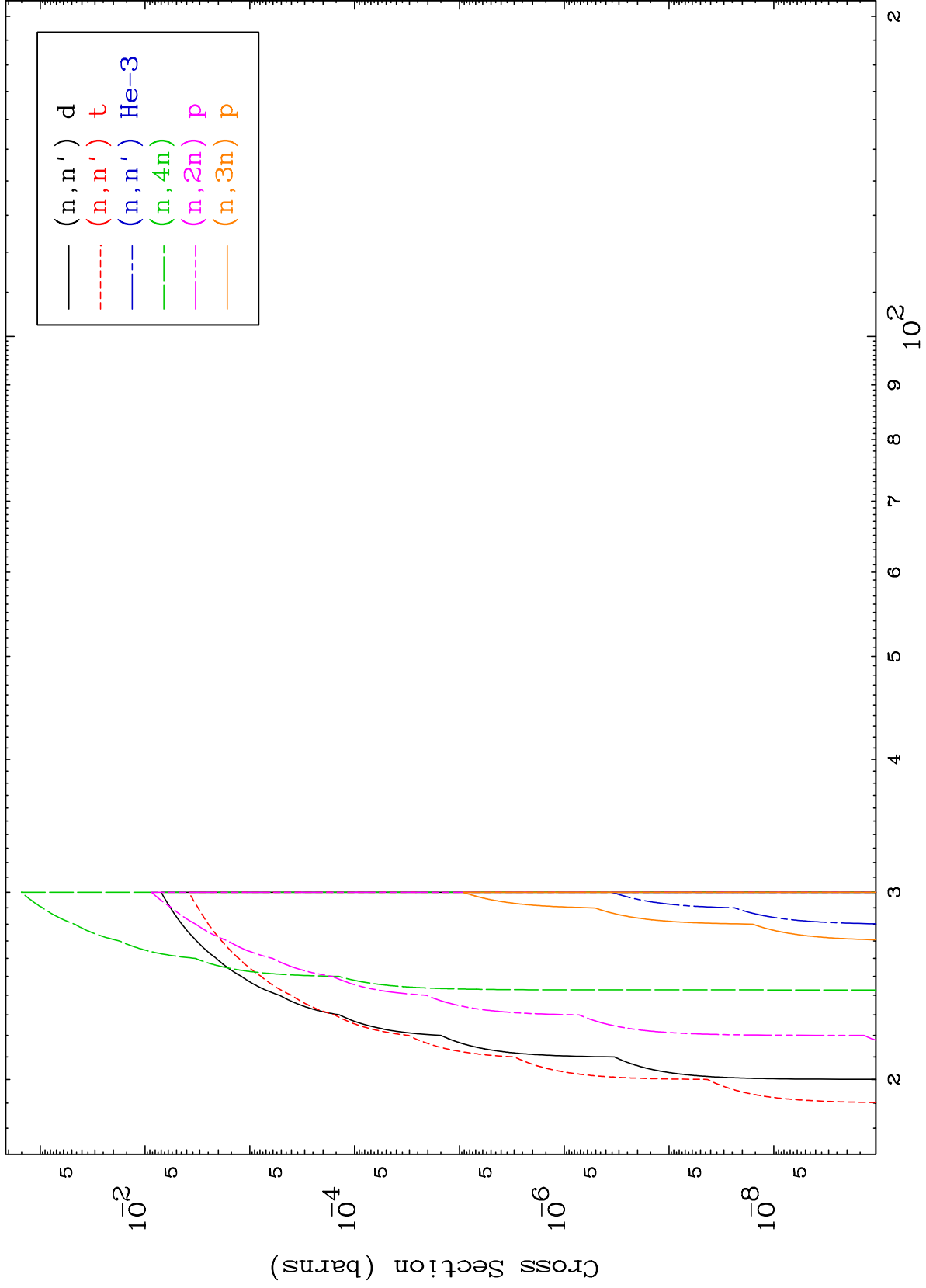
30-Zn-72



Incident Energy (MeV)

30-Zn-72

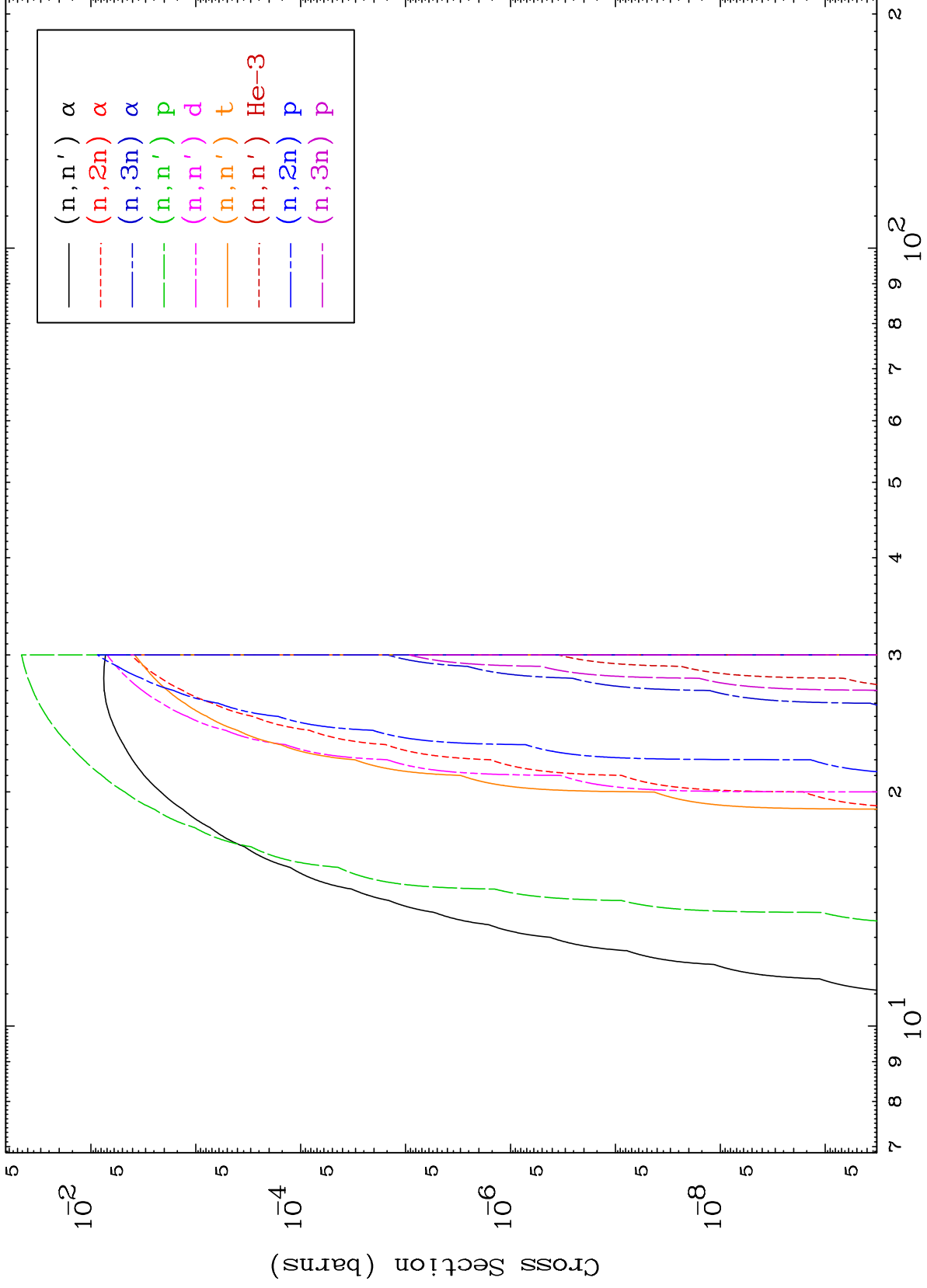
2

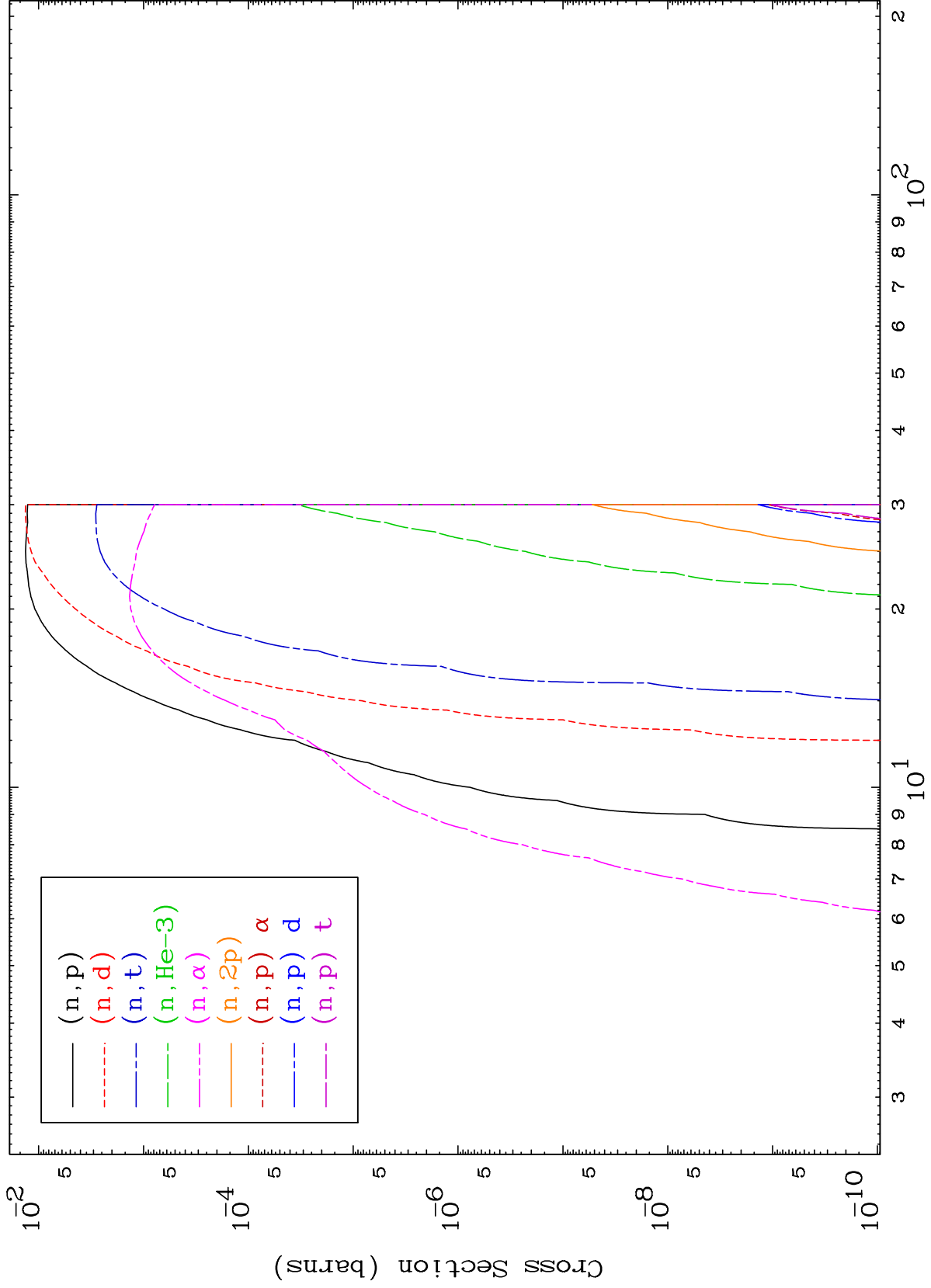


MAT 3049

Charged Particle
293 Kelvin Cross Sections

30-Zn-72

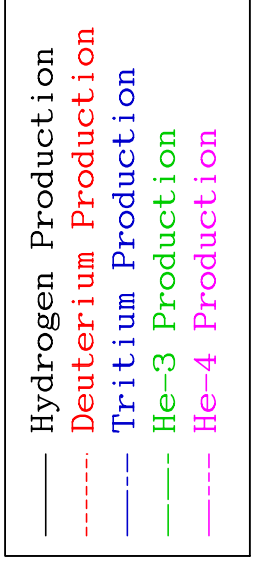
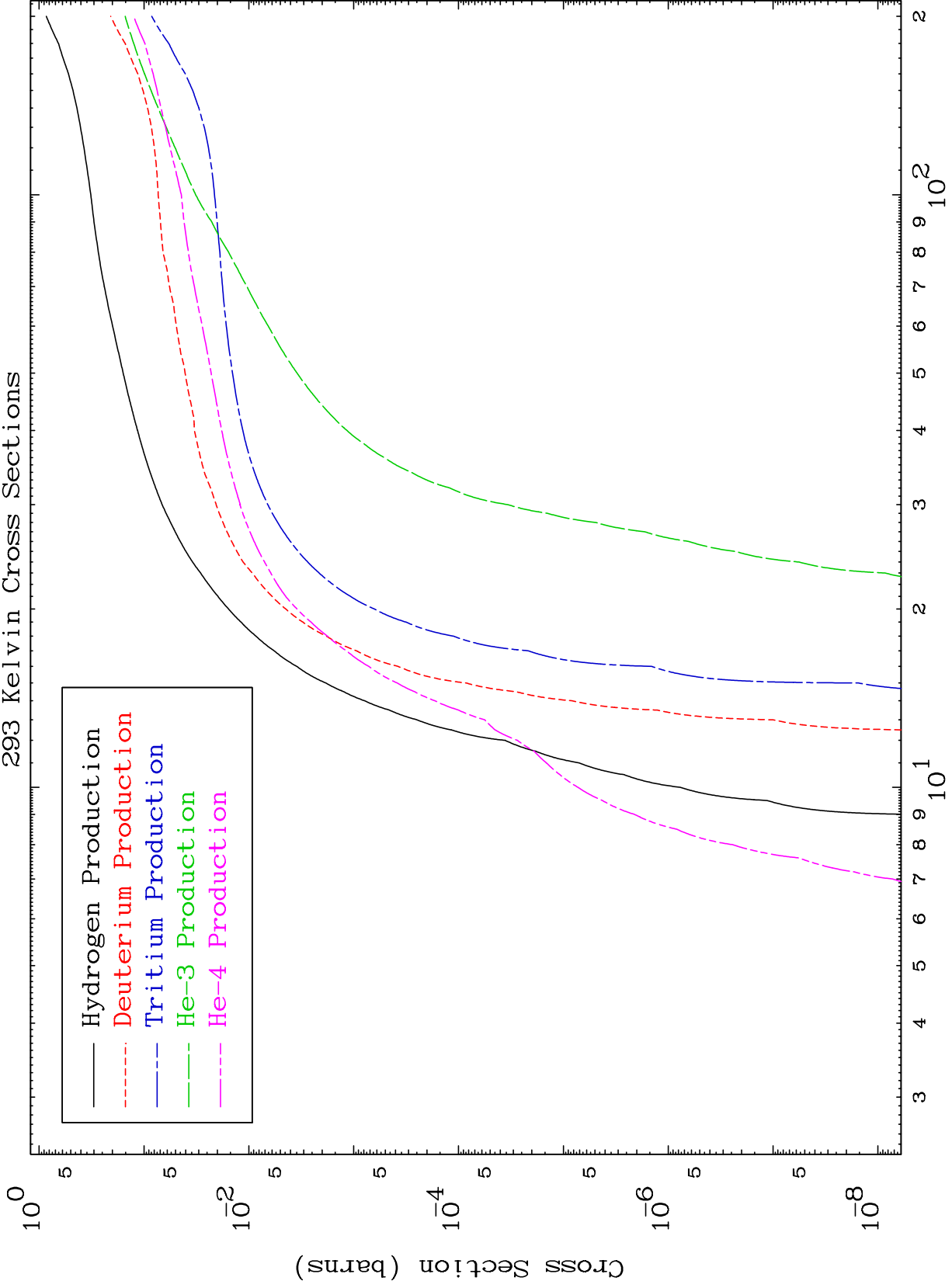




MAT 3049

Particle Production
293 Kelvin Cross Sections

30-Zn-72

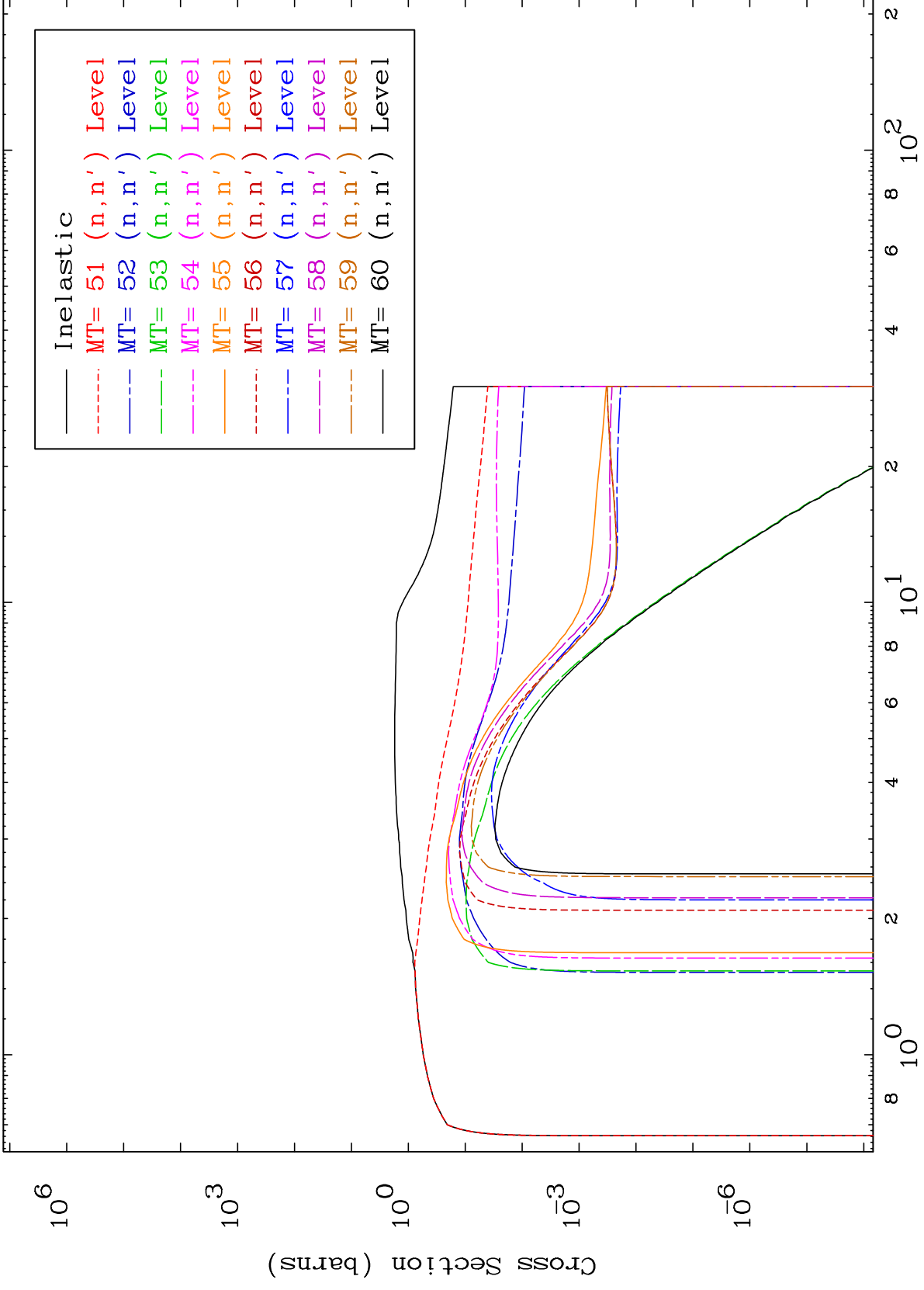


MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections

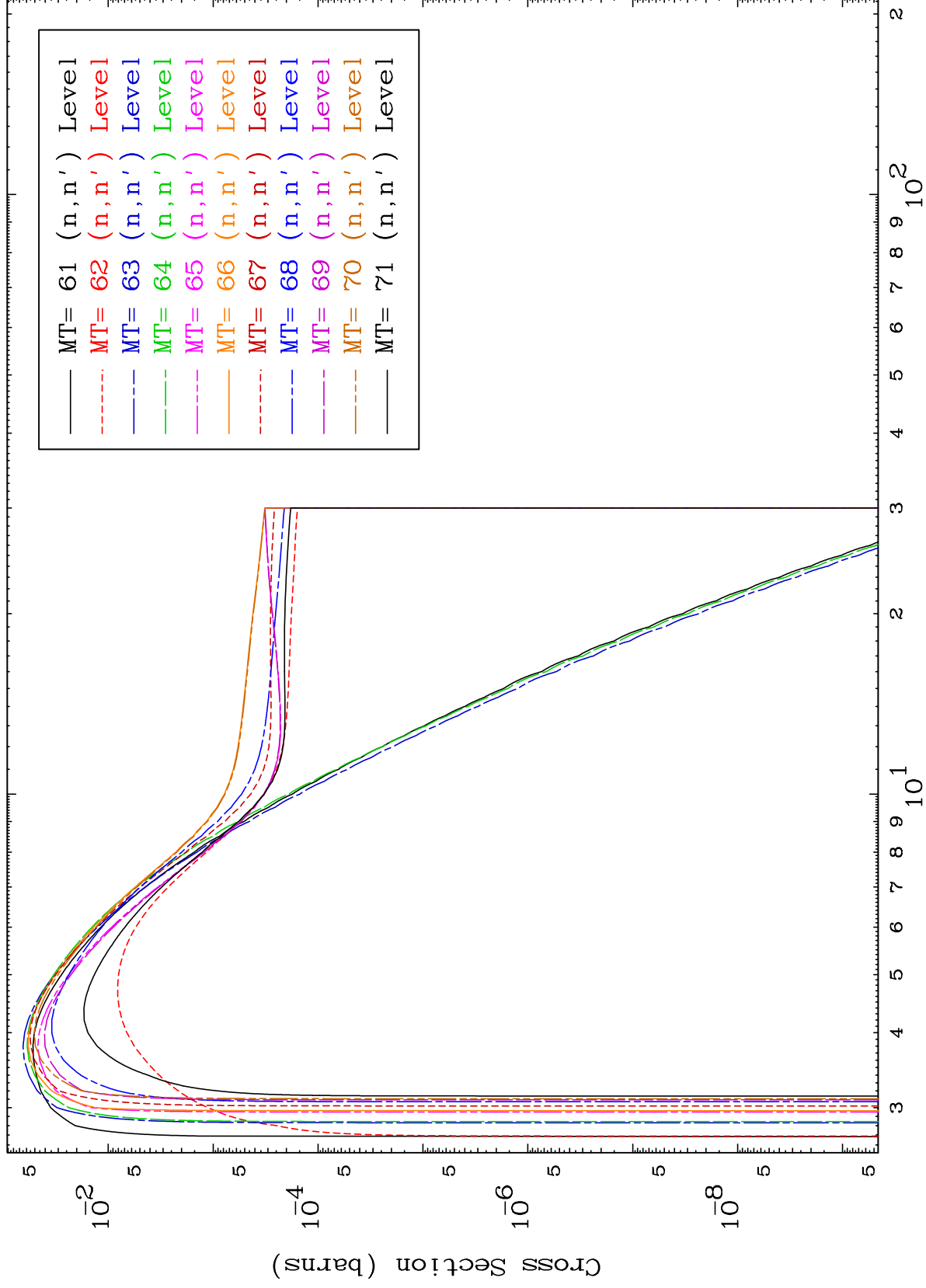


MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections



8

Incident Energy (MeV)

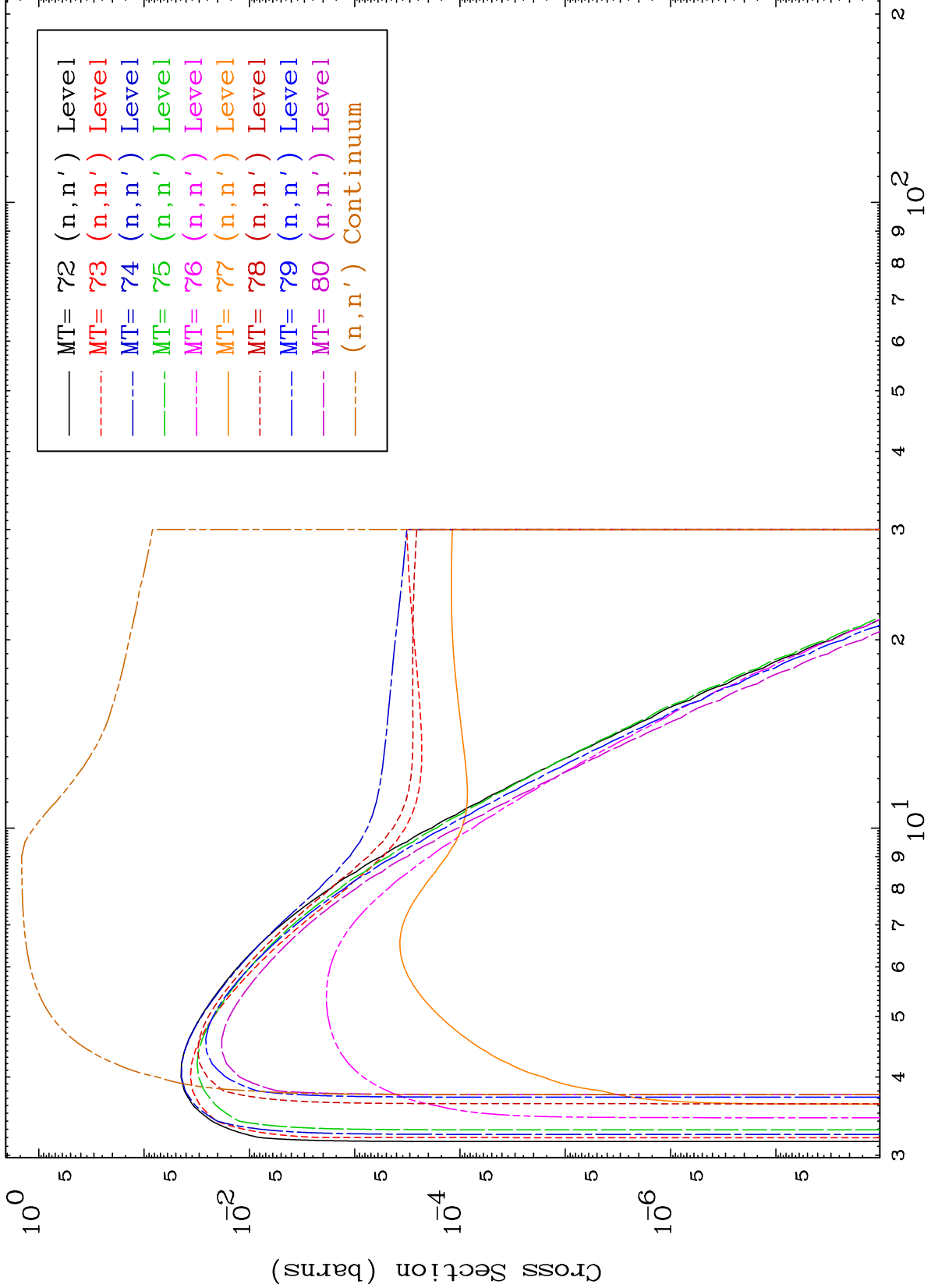
30-Zn-72

MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections



9

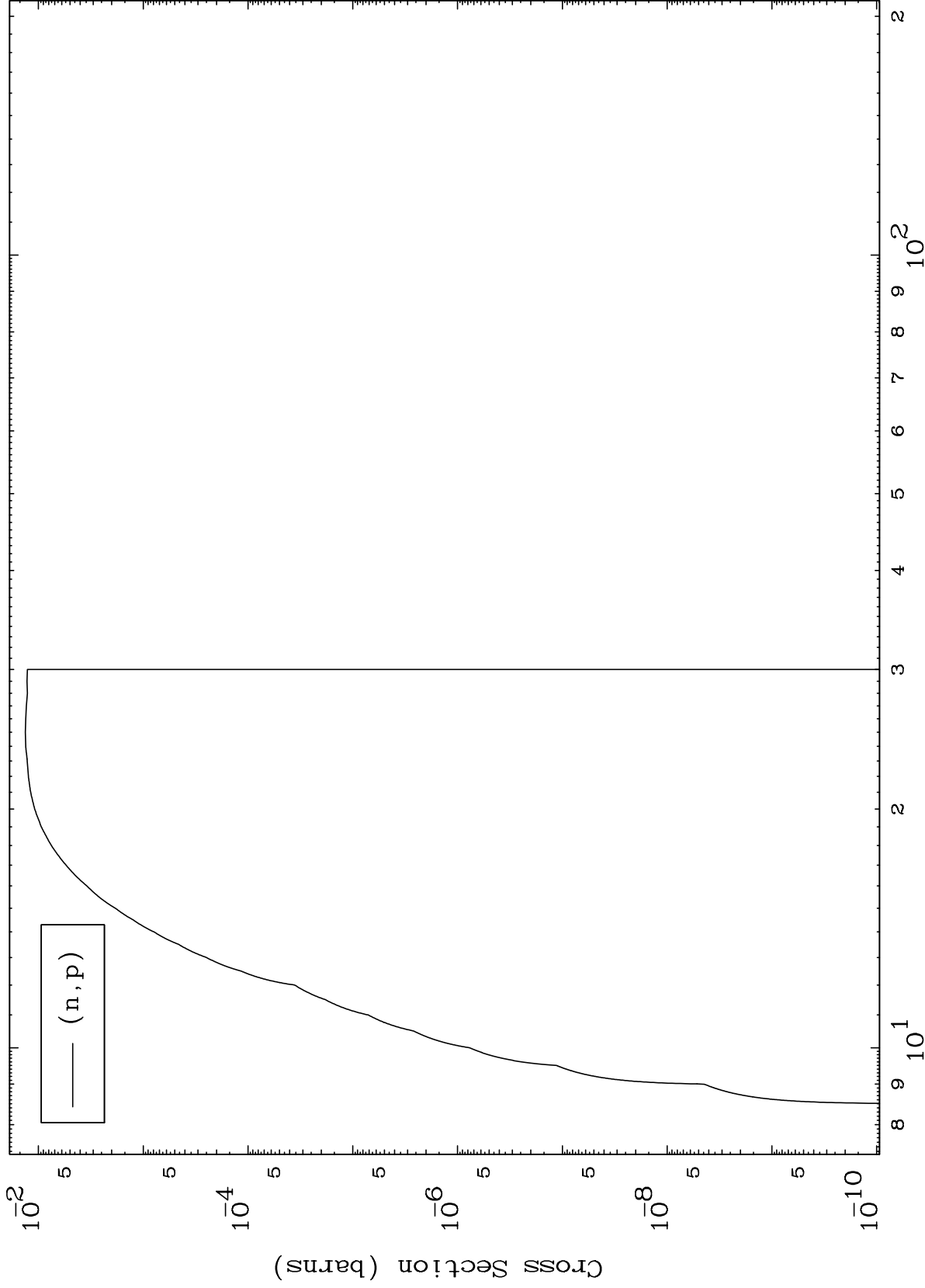
Incident Energy (MeV)

30-Zn-72

MAT 3049

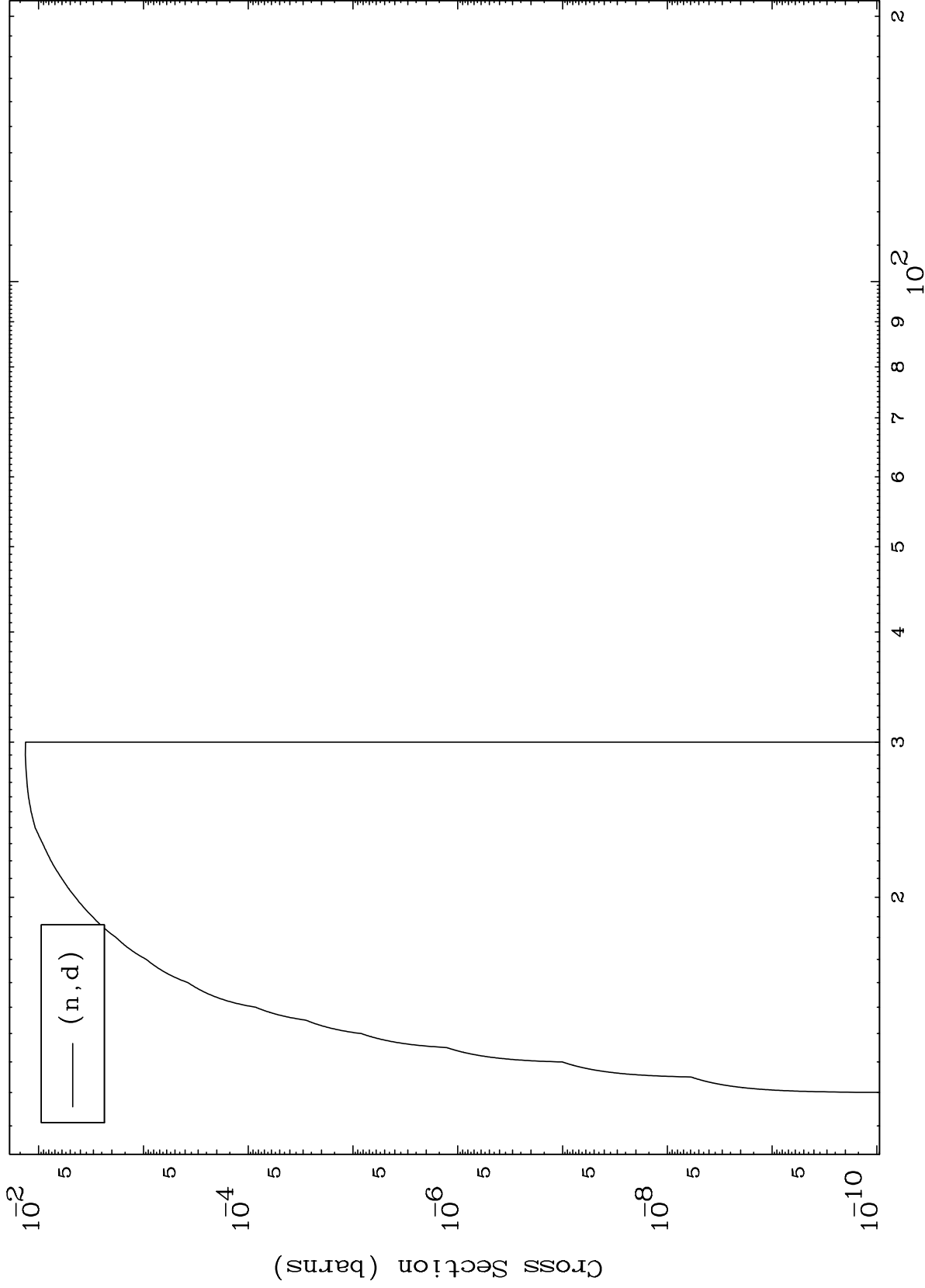
(n,p) Levels
293 Kelvin Cross Sections

30-Zn-72



Incident Energy (MeV)

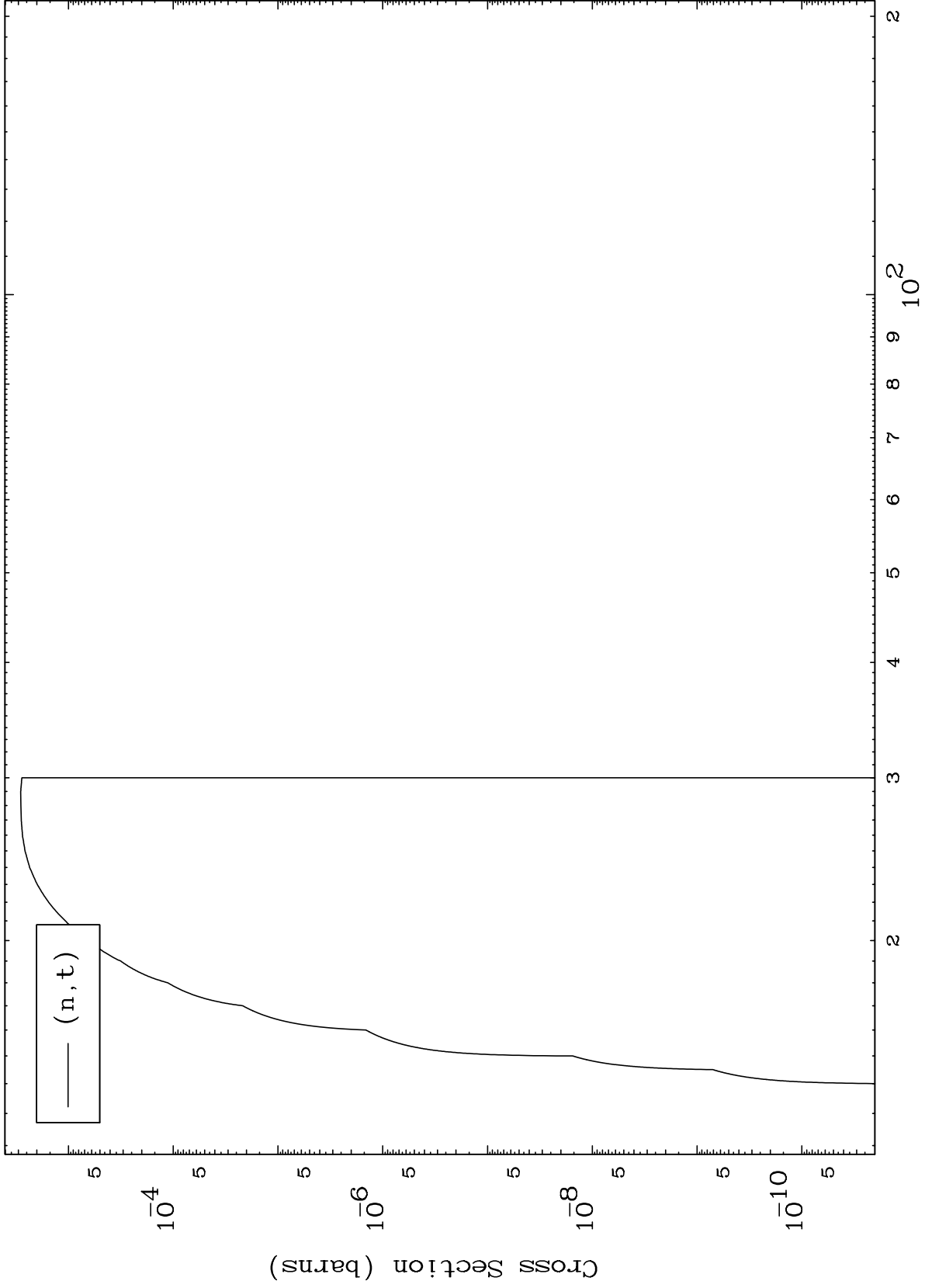
30-Zn-72



MAT 3049

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-72



12

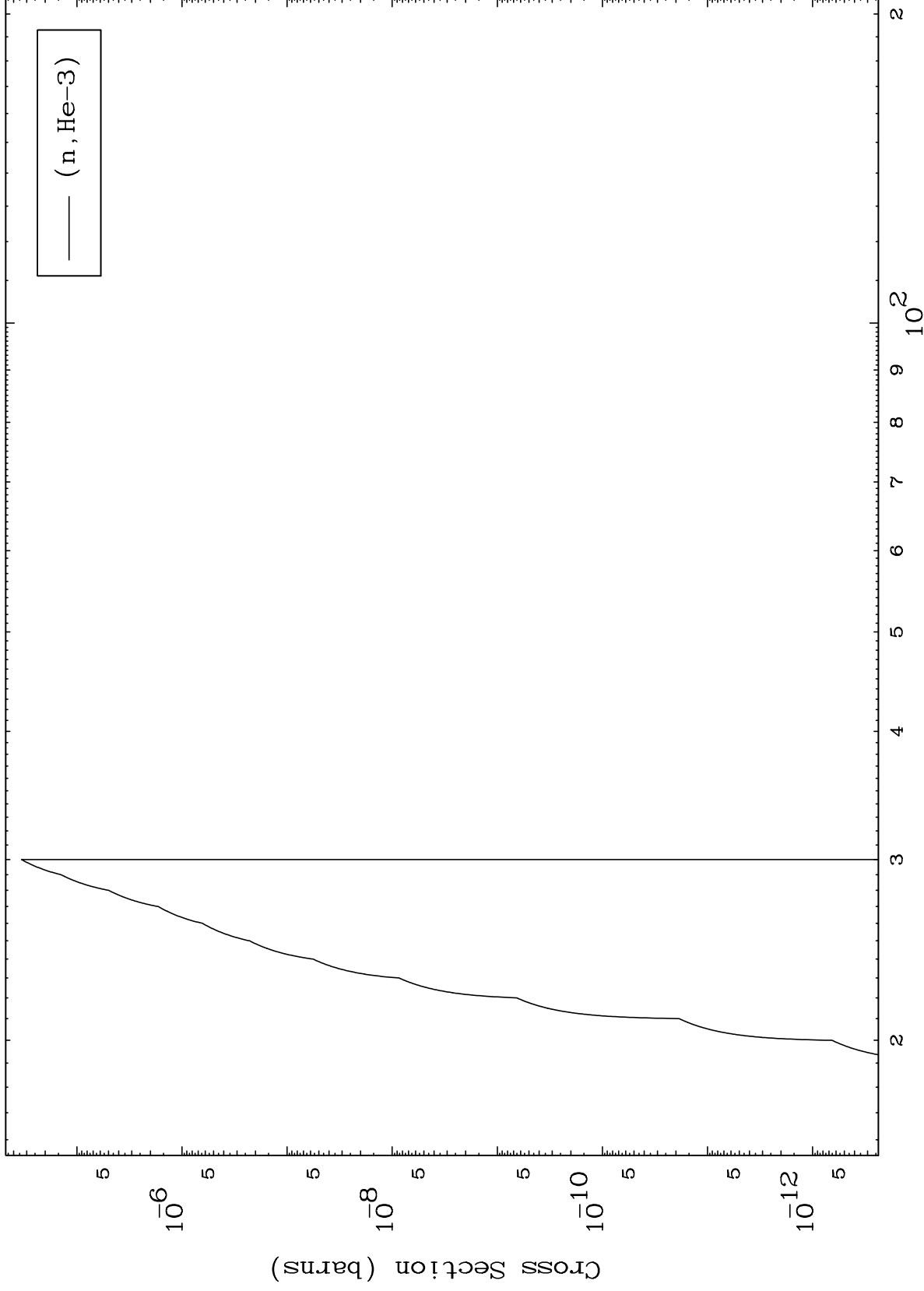
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-72



13

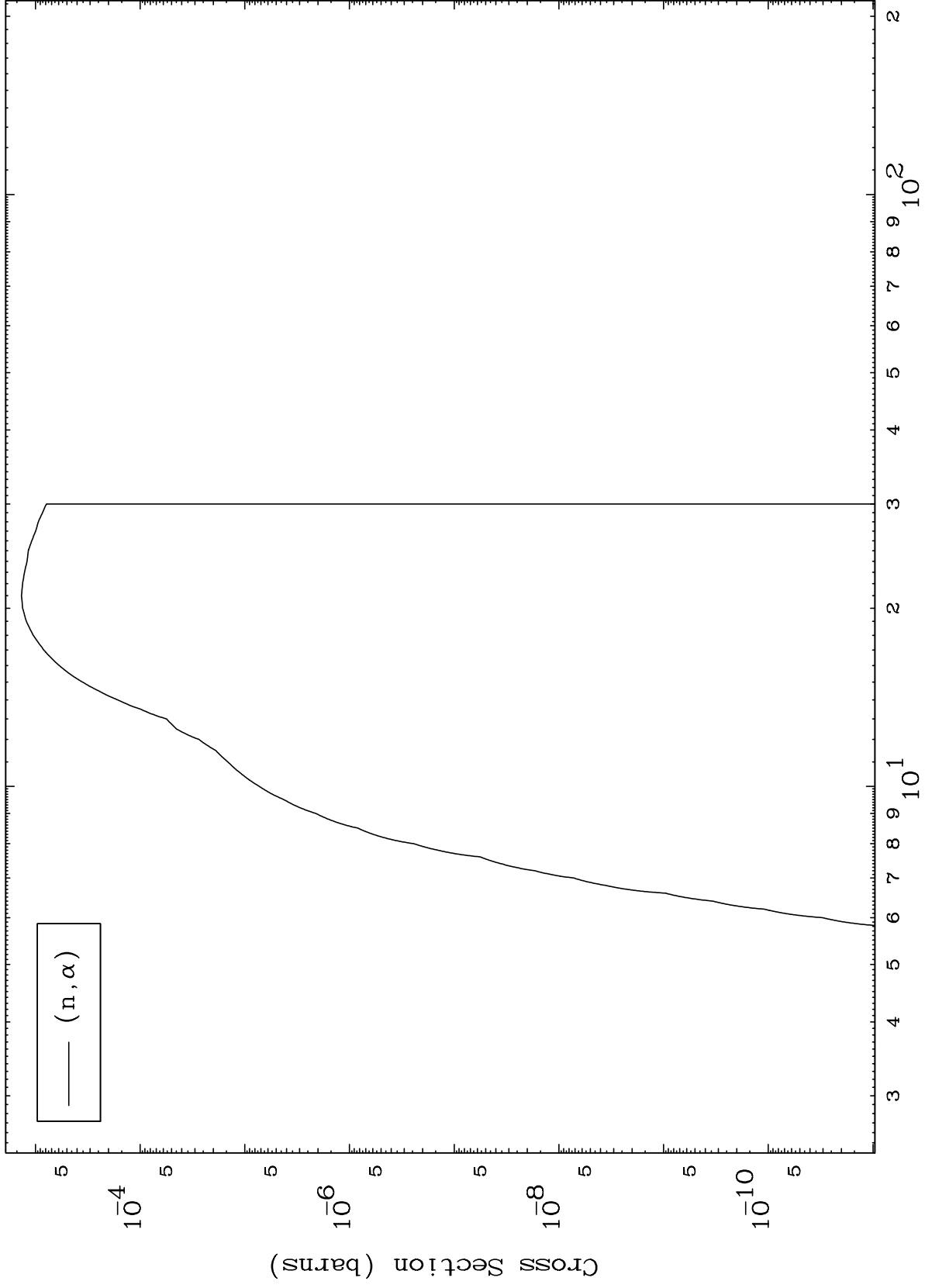
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-72



14

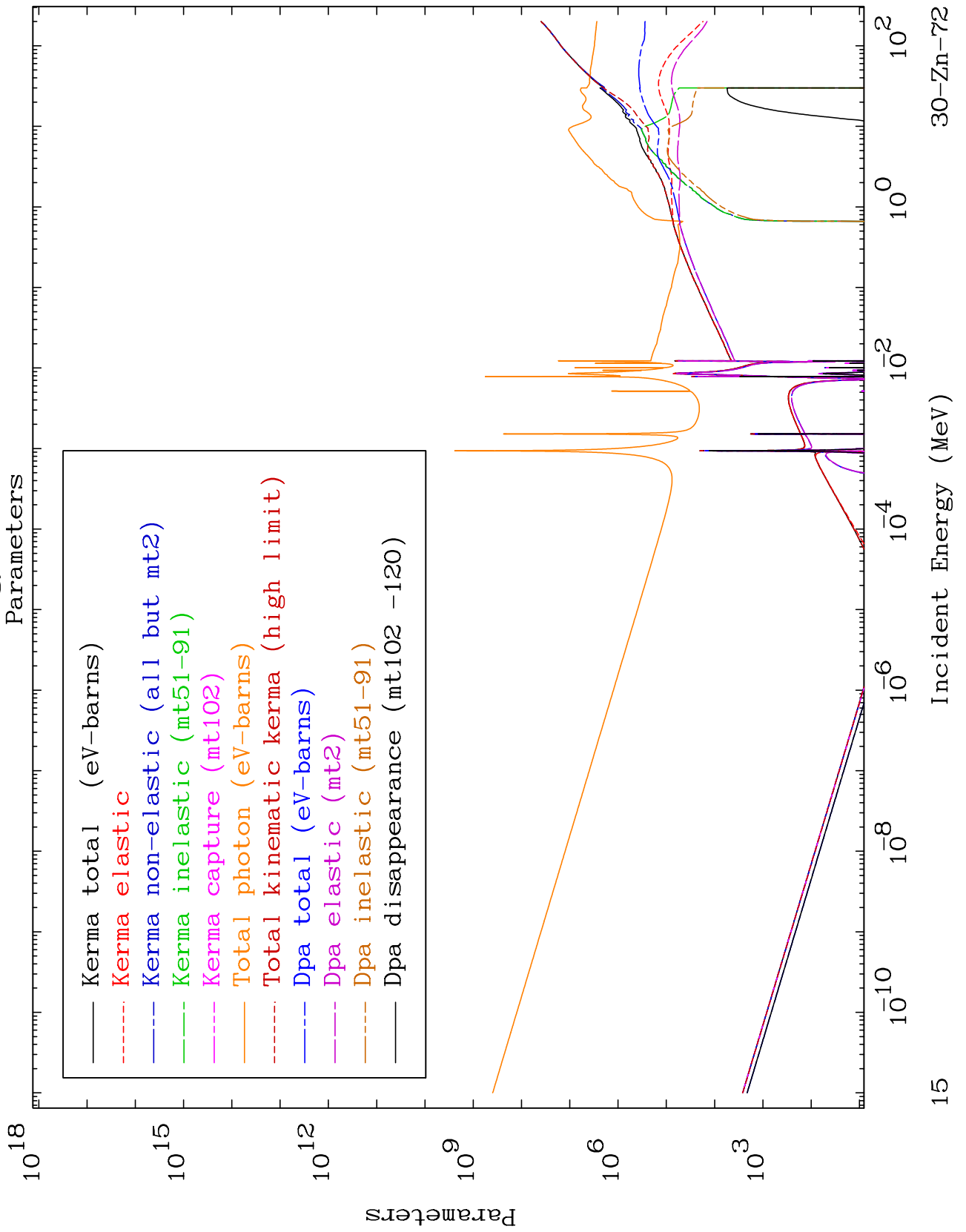
Incident Energy (MeV)

30-Zn-72

MAT 3049

Energy Release
Parameters

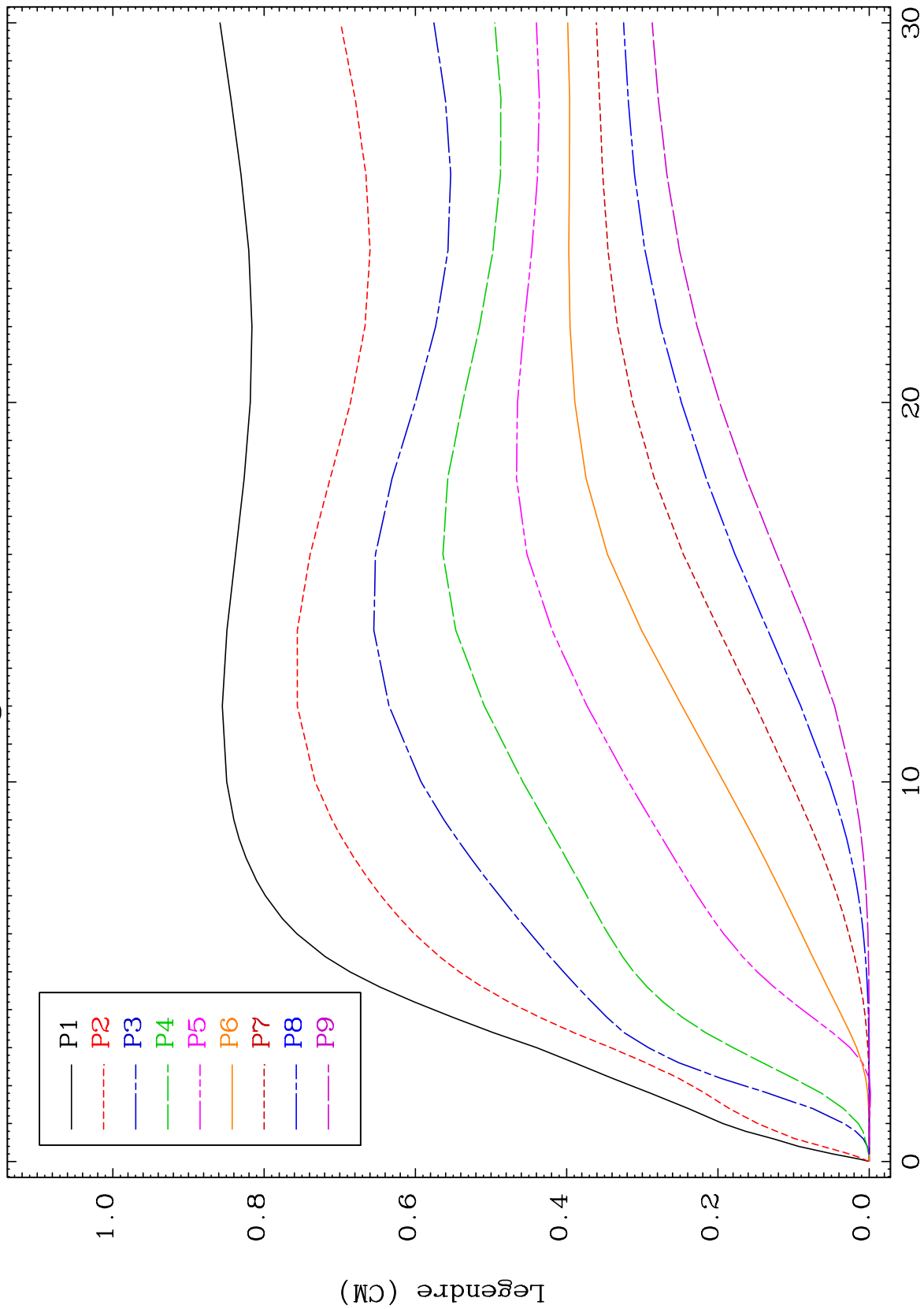
30-Zn-72



MAT 3049

Elastic Legendre Coefficients

30-Zn-72



16

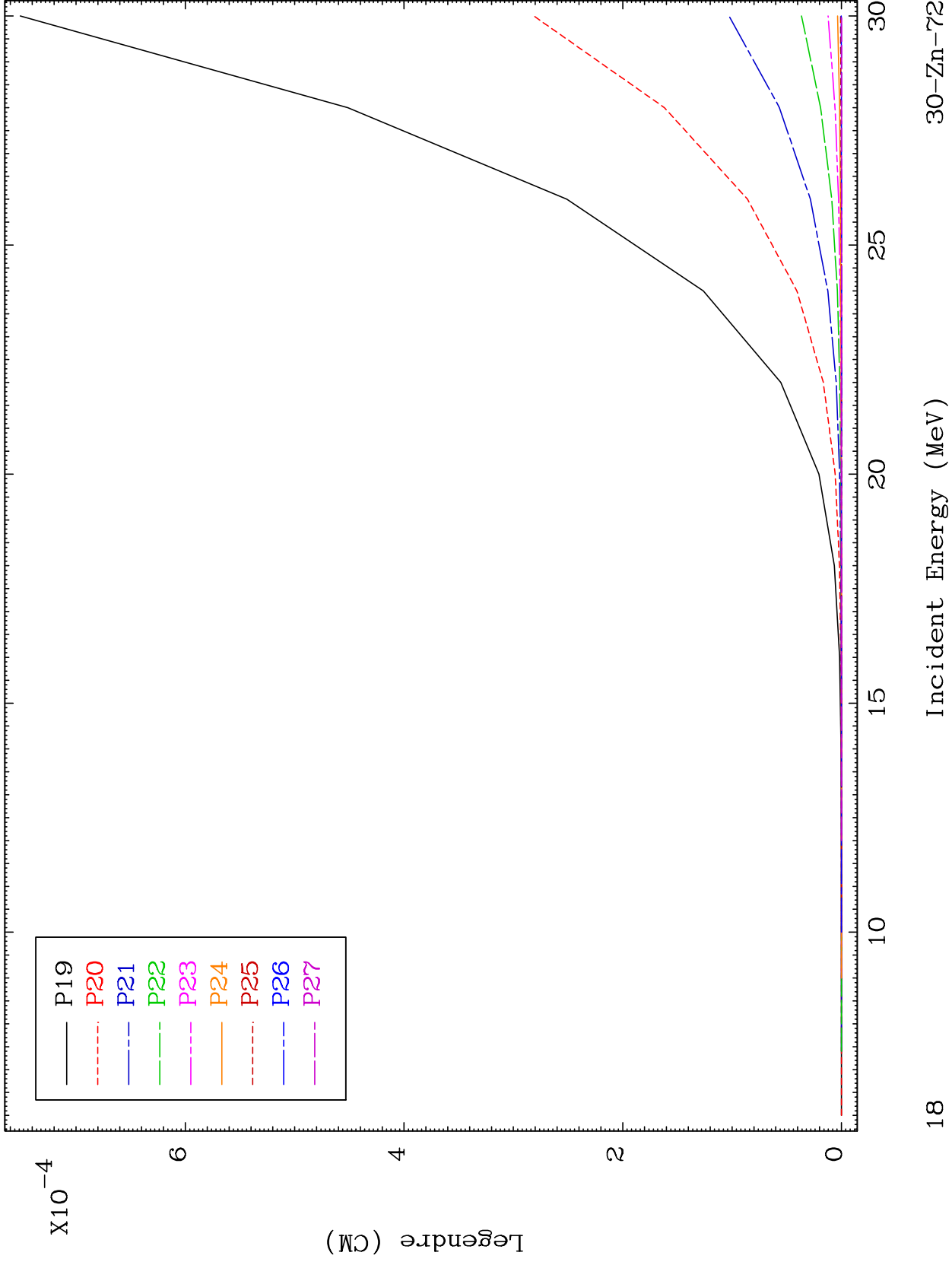
Incident Energy (MeV)

30-Zn-72

MAT 3049

Elastic
Legendre Coefficients

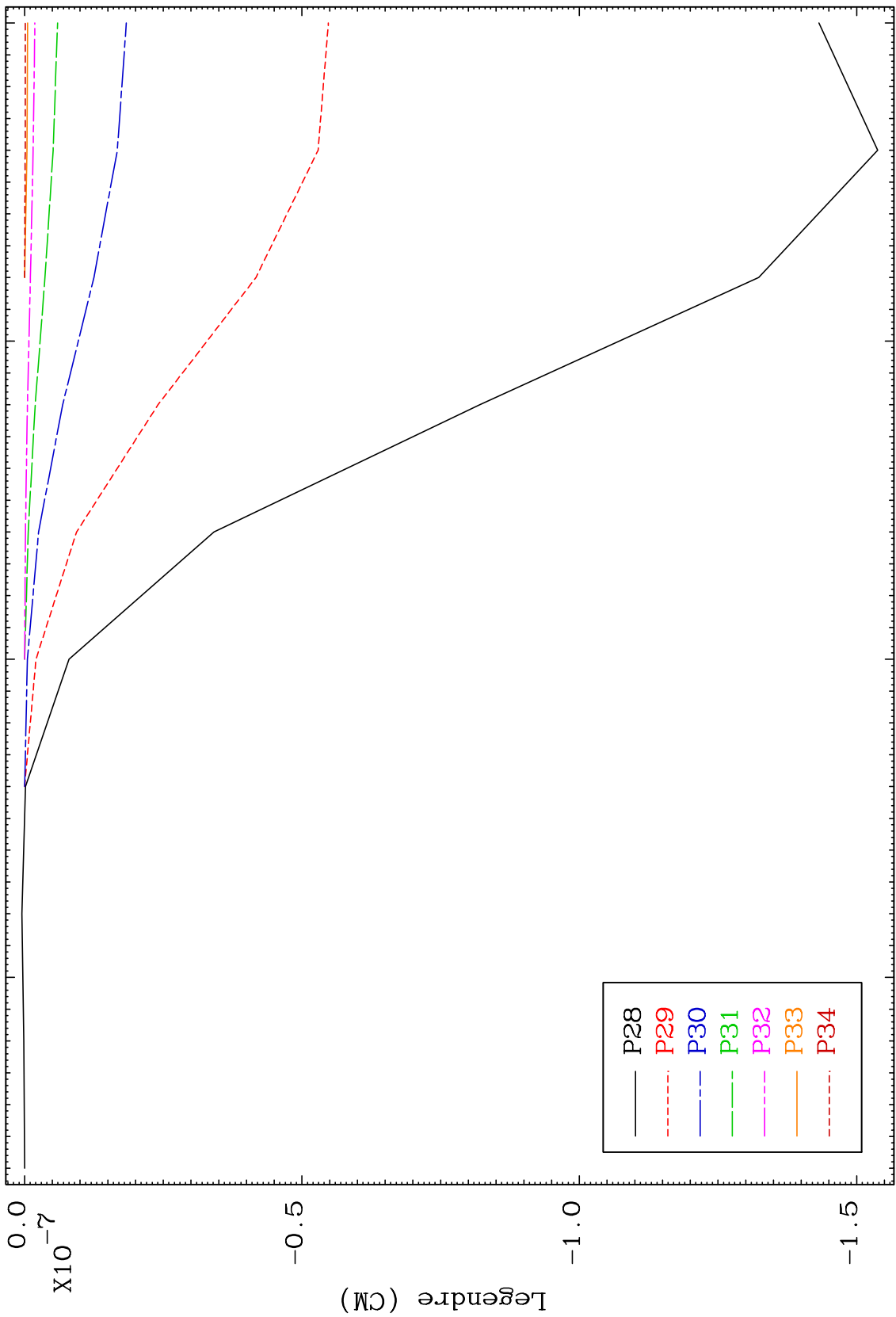
30-Zn-72



MAT 3049

30-Zn-72

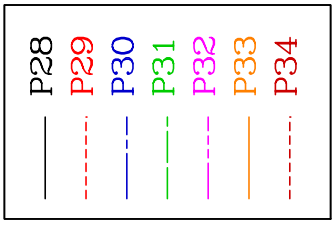
Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷

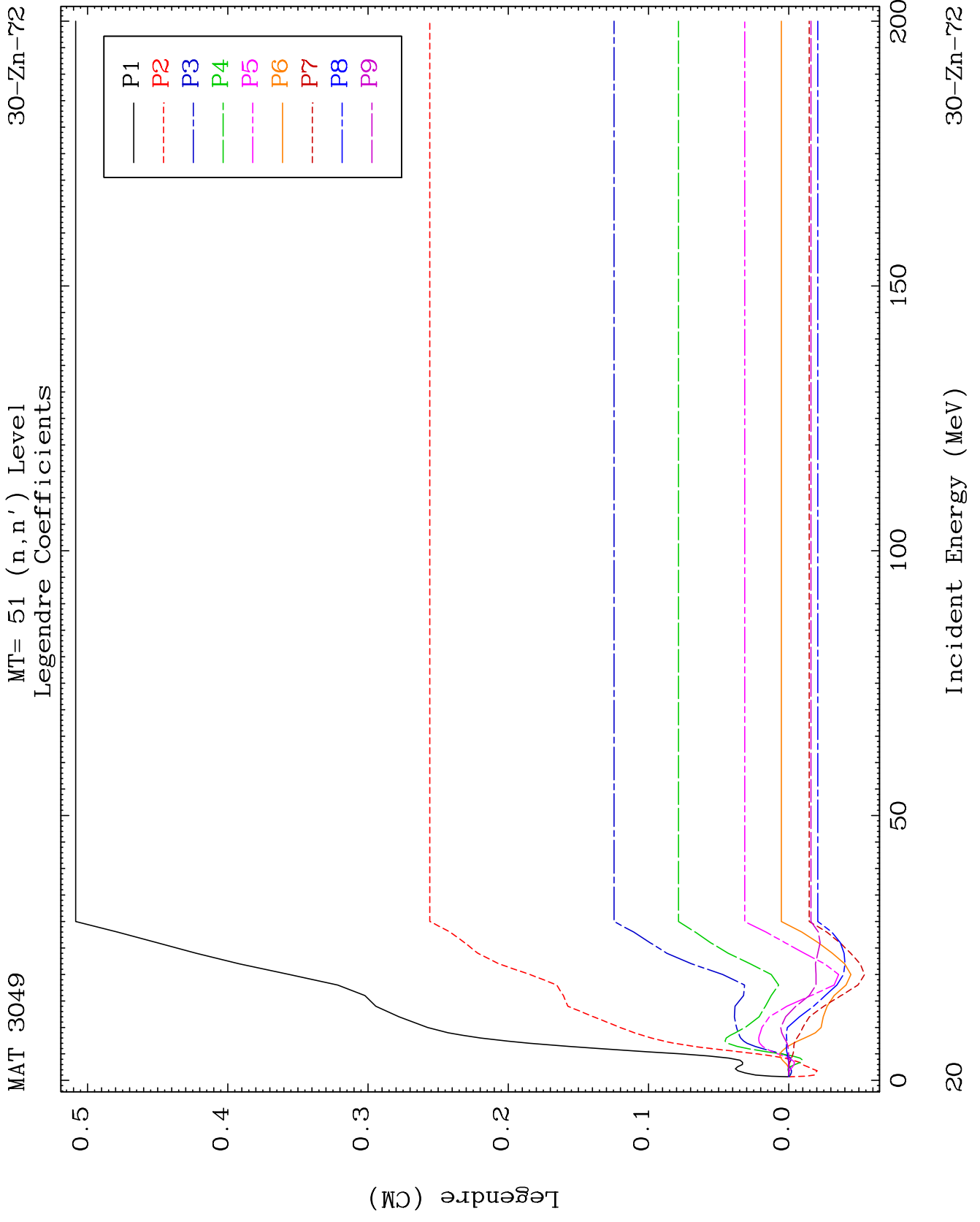
30-Zn-72

Incident Energy (MeV)



19

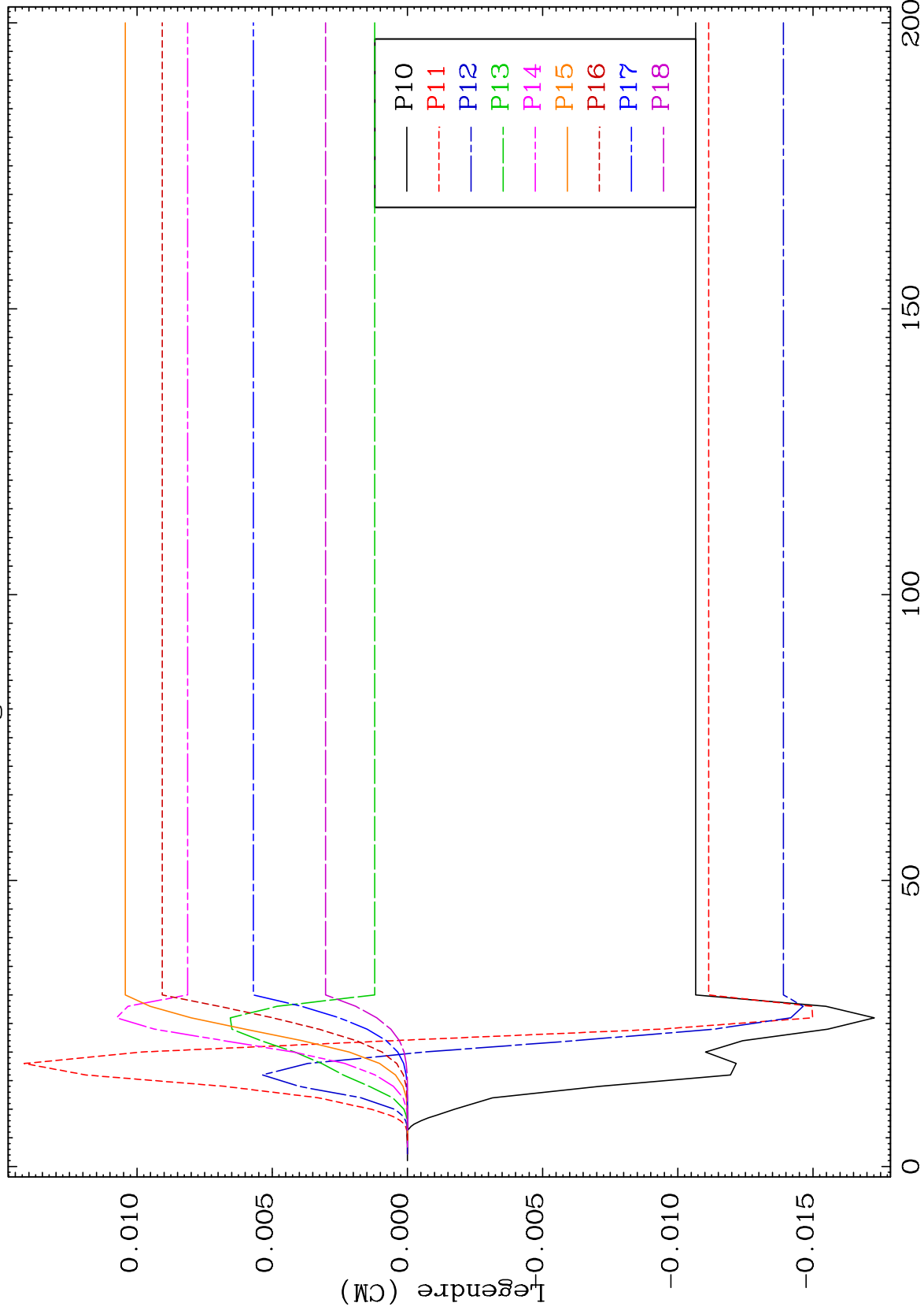
30-Zn-72



MAT 3049

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

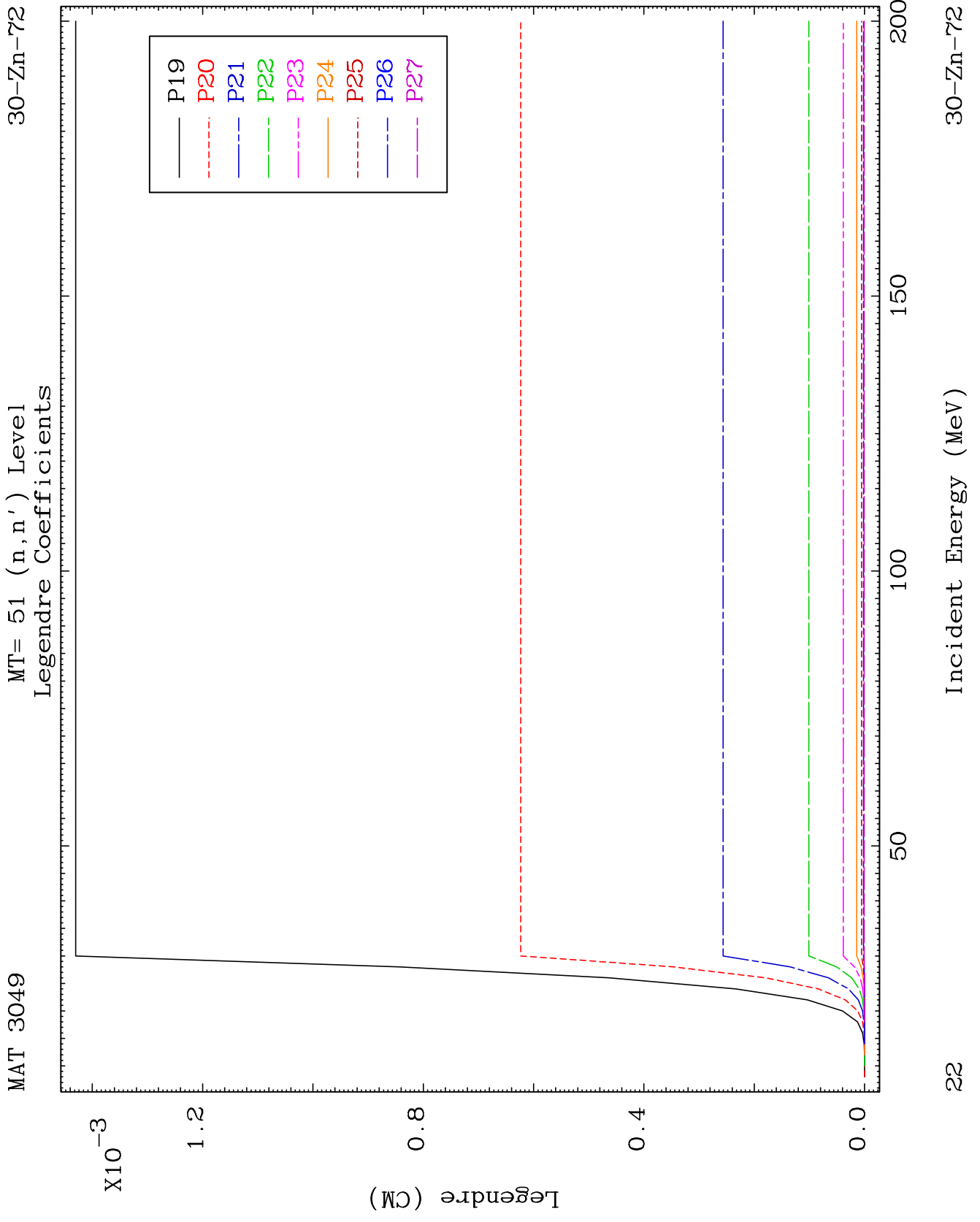
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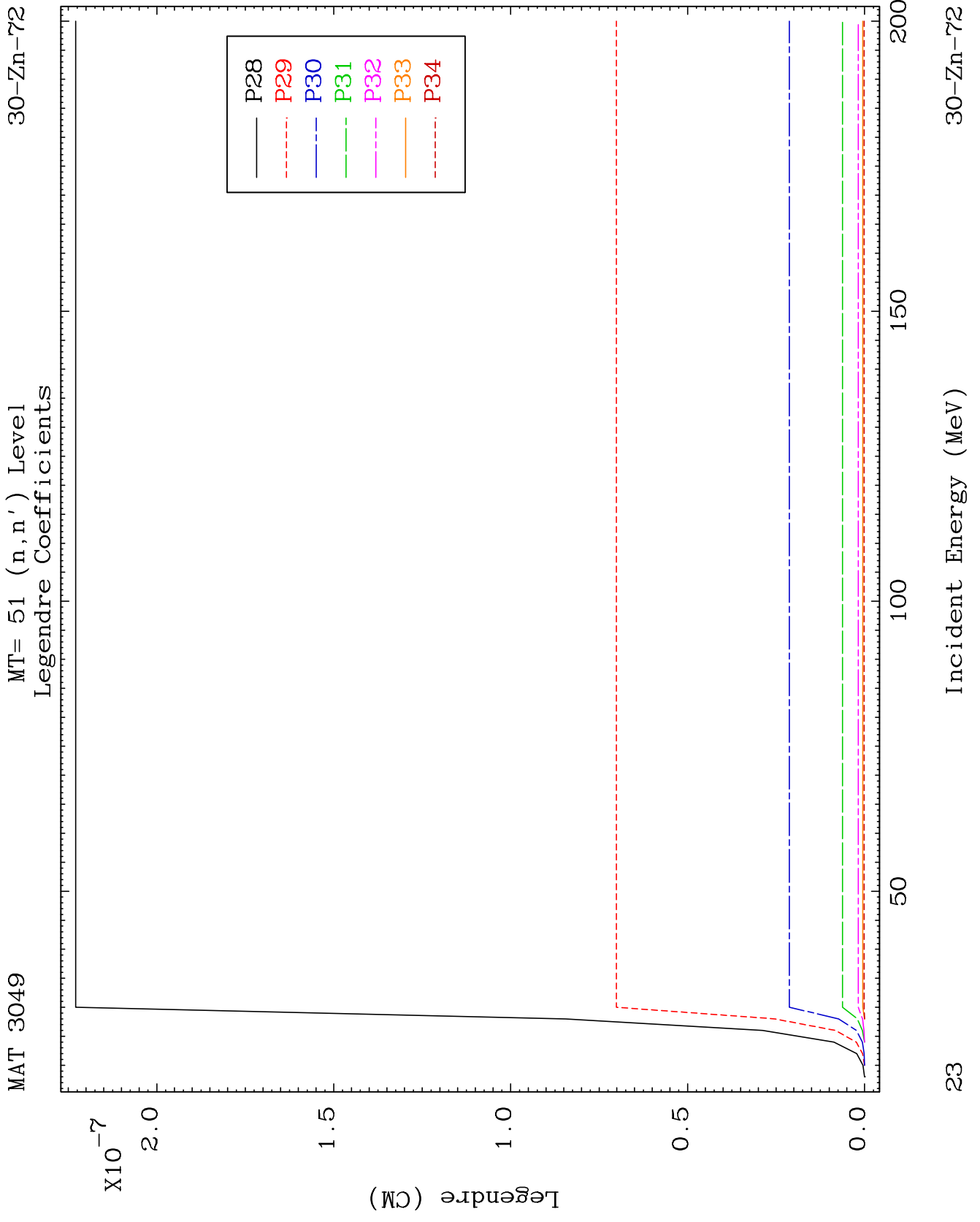


21

Incident Energy (MeV)

30-Zn-72

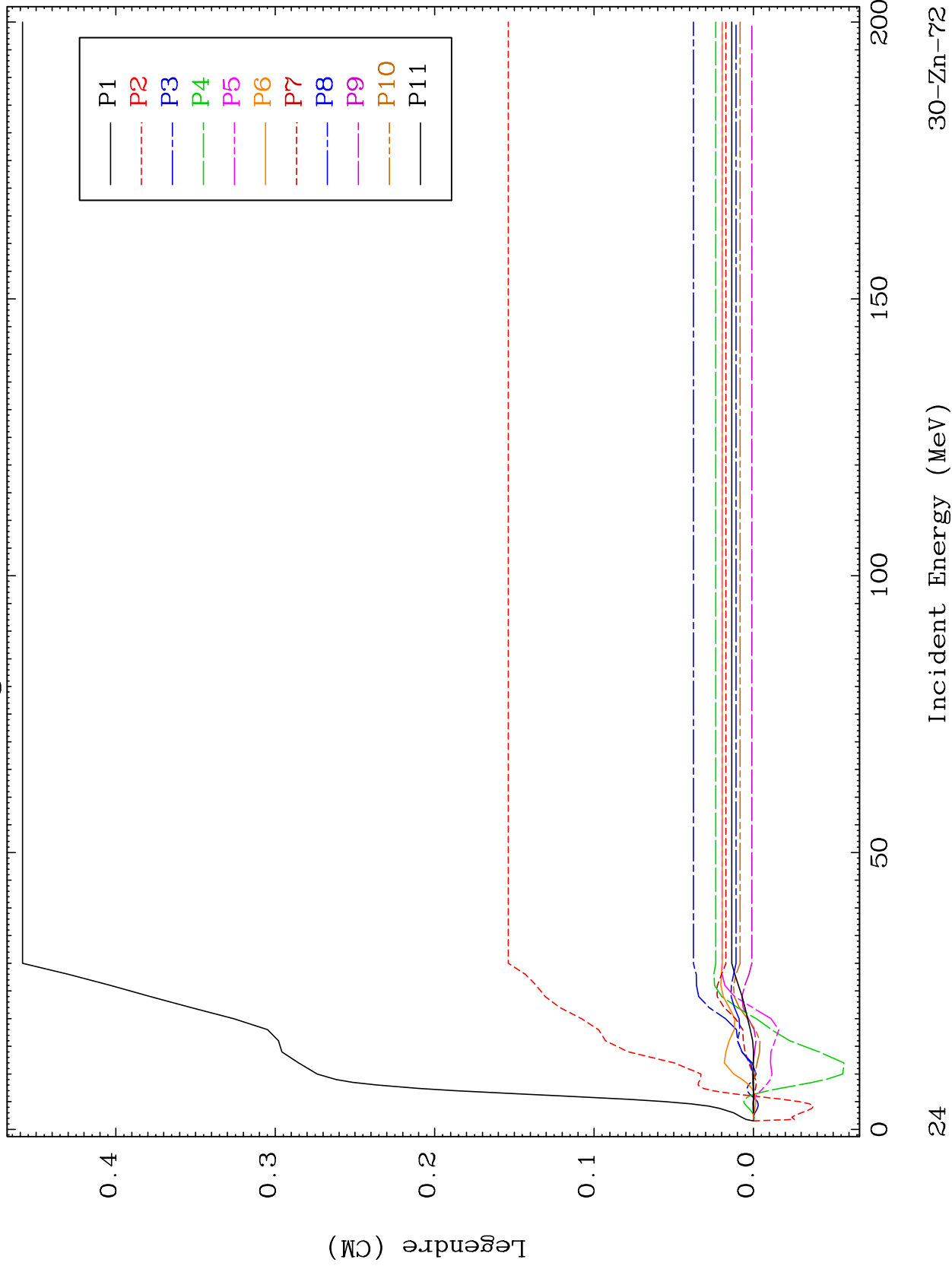




MAT 3049

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

30-Zn-72



24

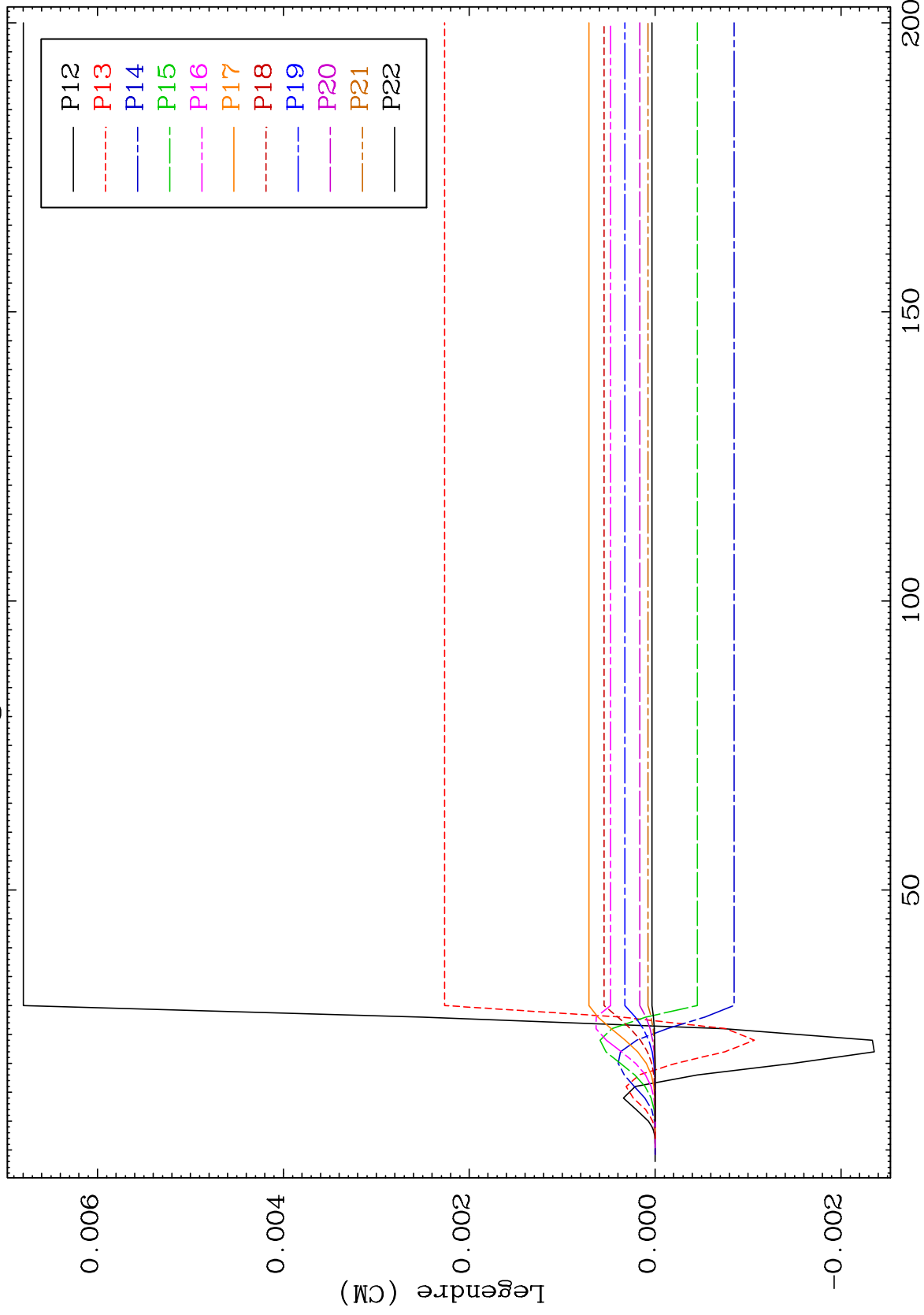
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



25

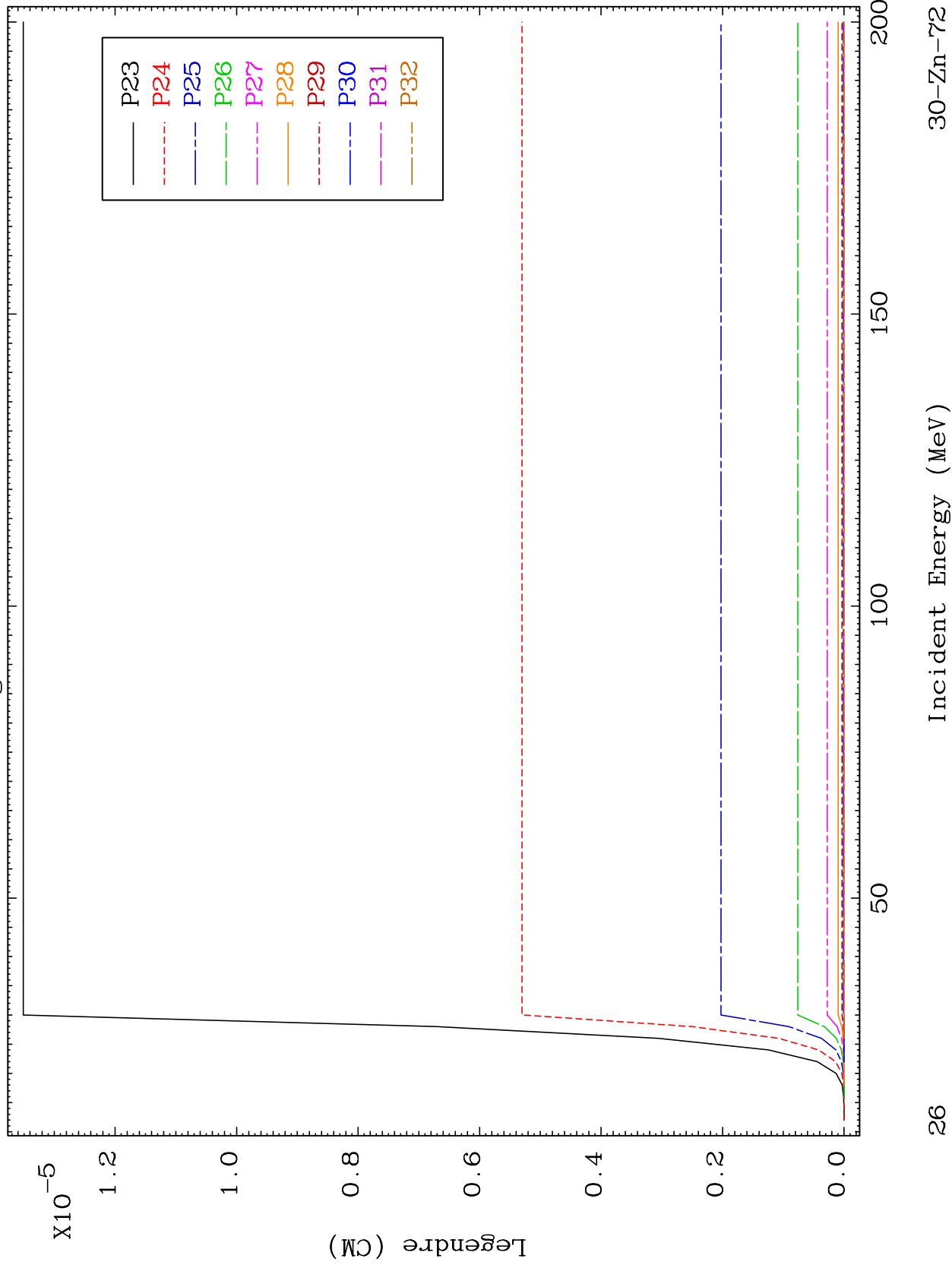
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

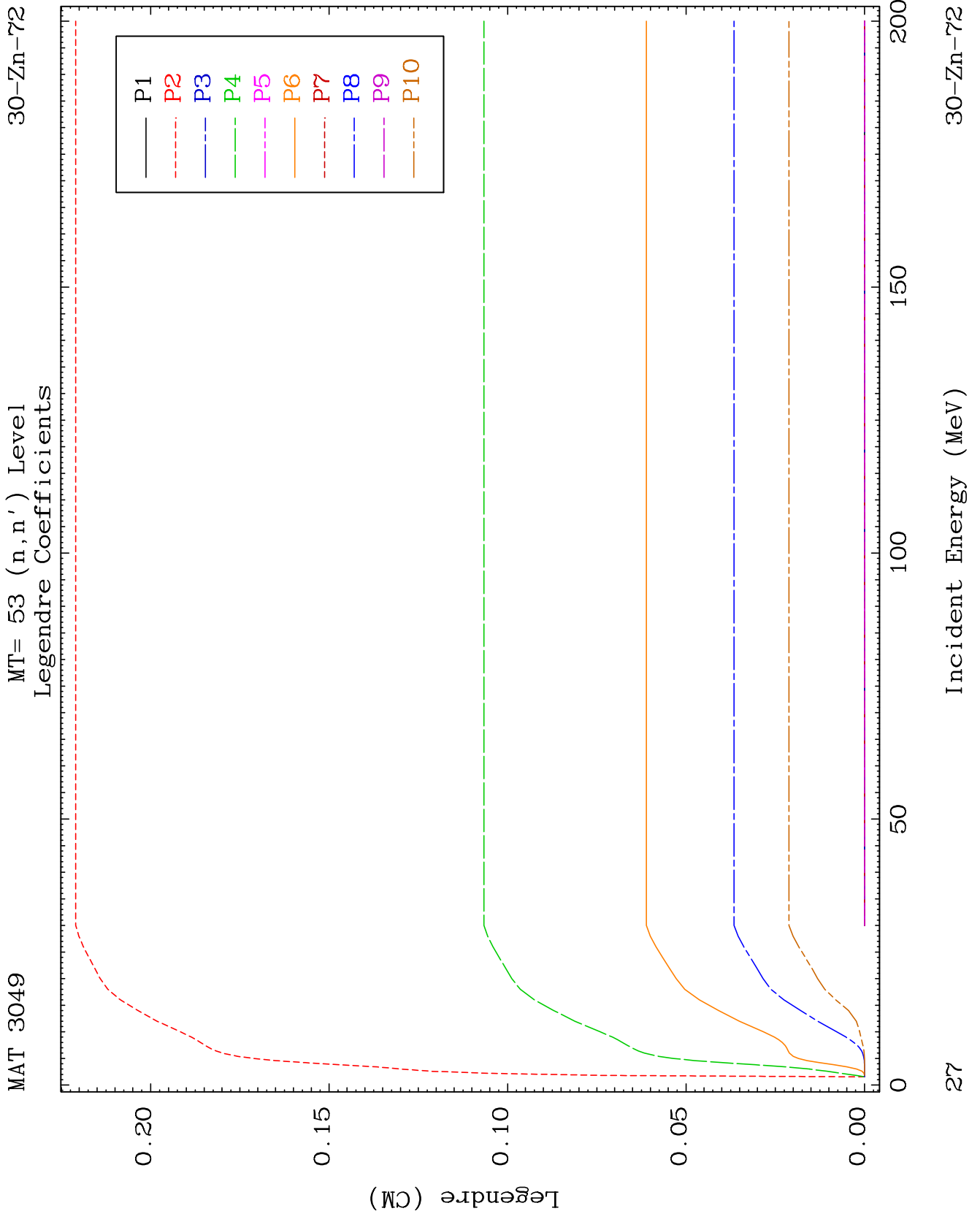
30-Zn-72



26

Incident Energy (MeV)

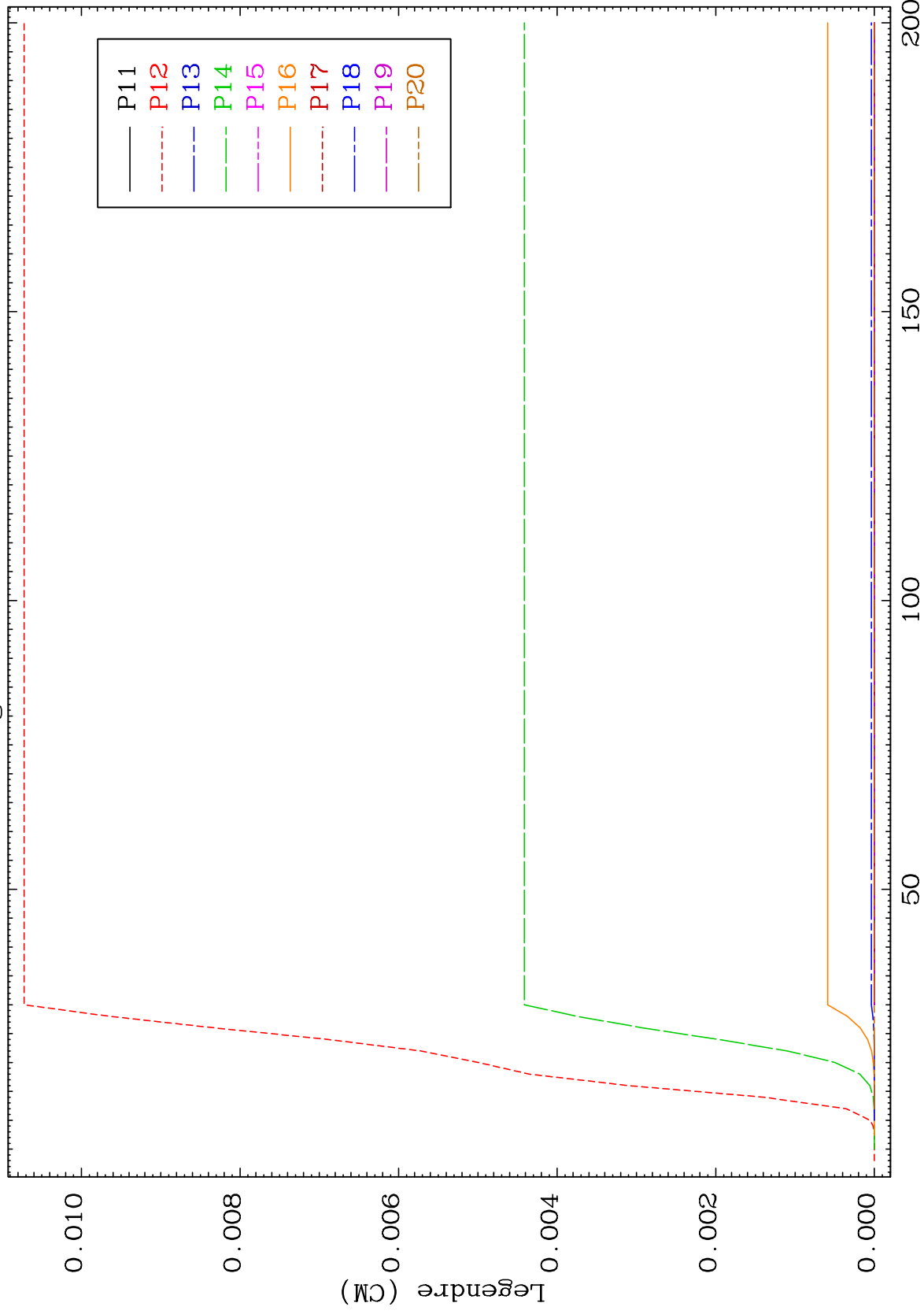
30-Zn-72



MAT 3049

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

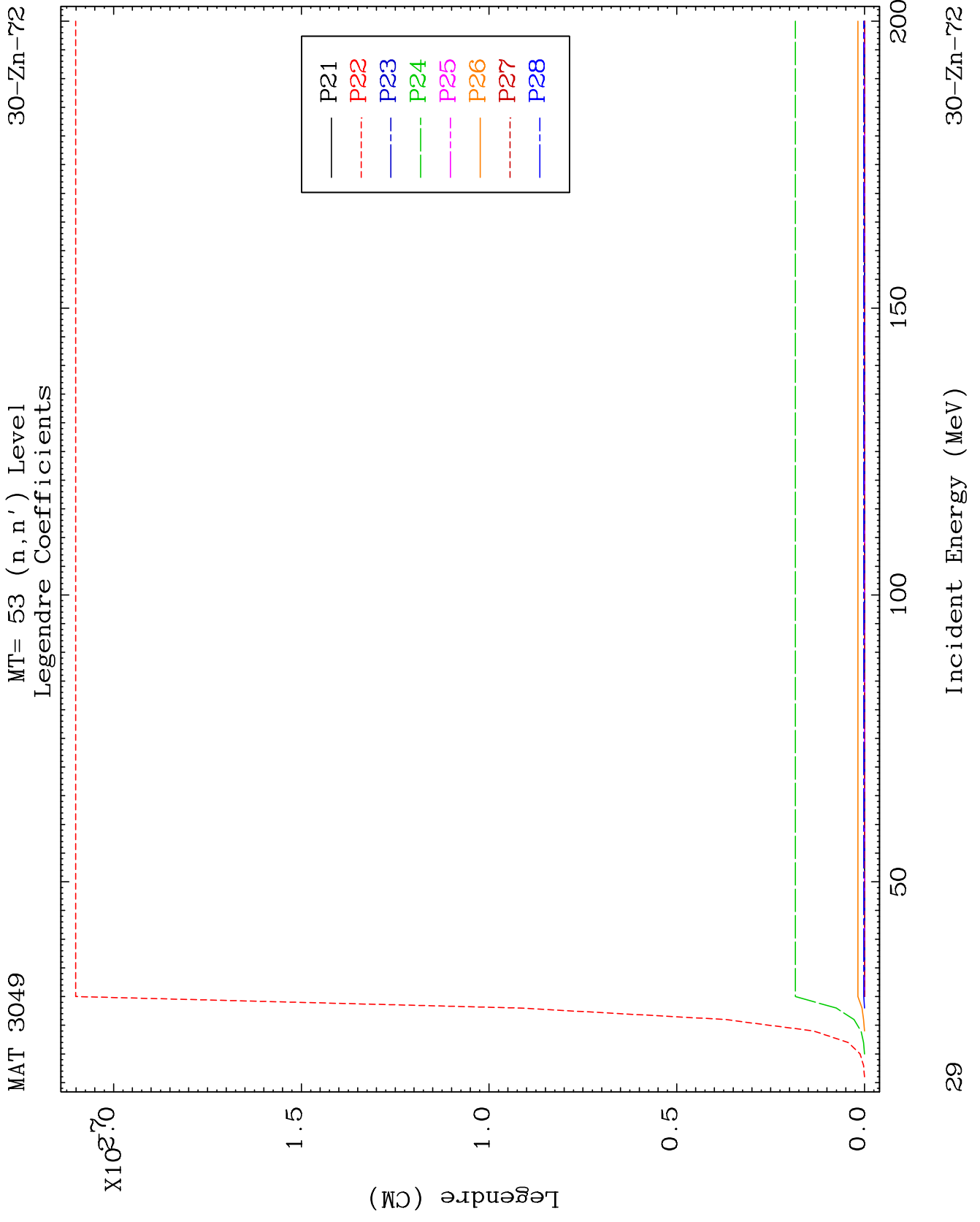
30-Zn-72



28

Incident Energy (MeV)

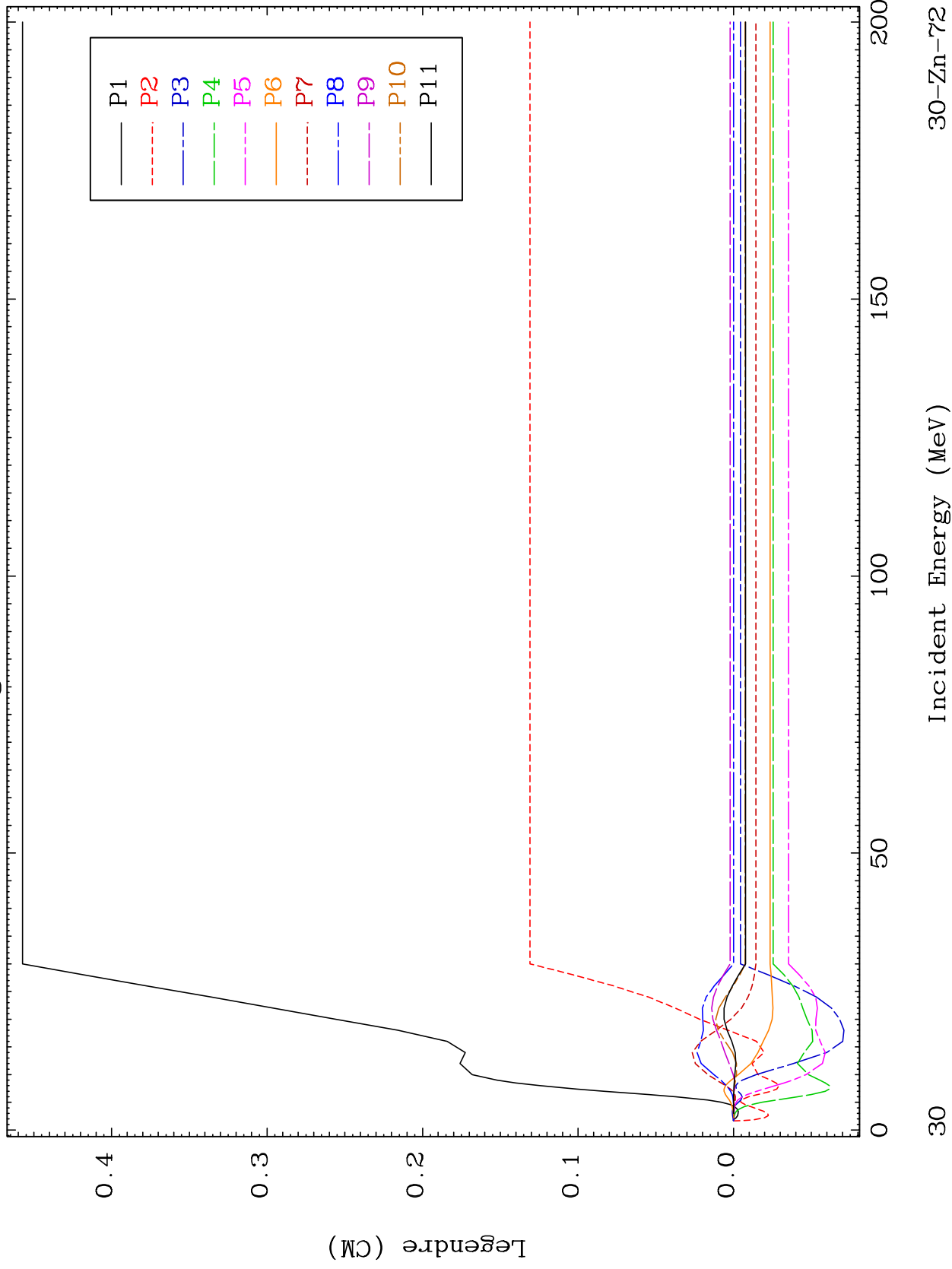
30-Zn-72



MAT 3049

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

30-Zn-72



30-Zn-72

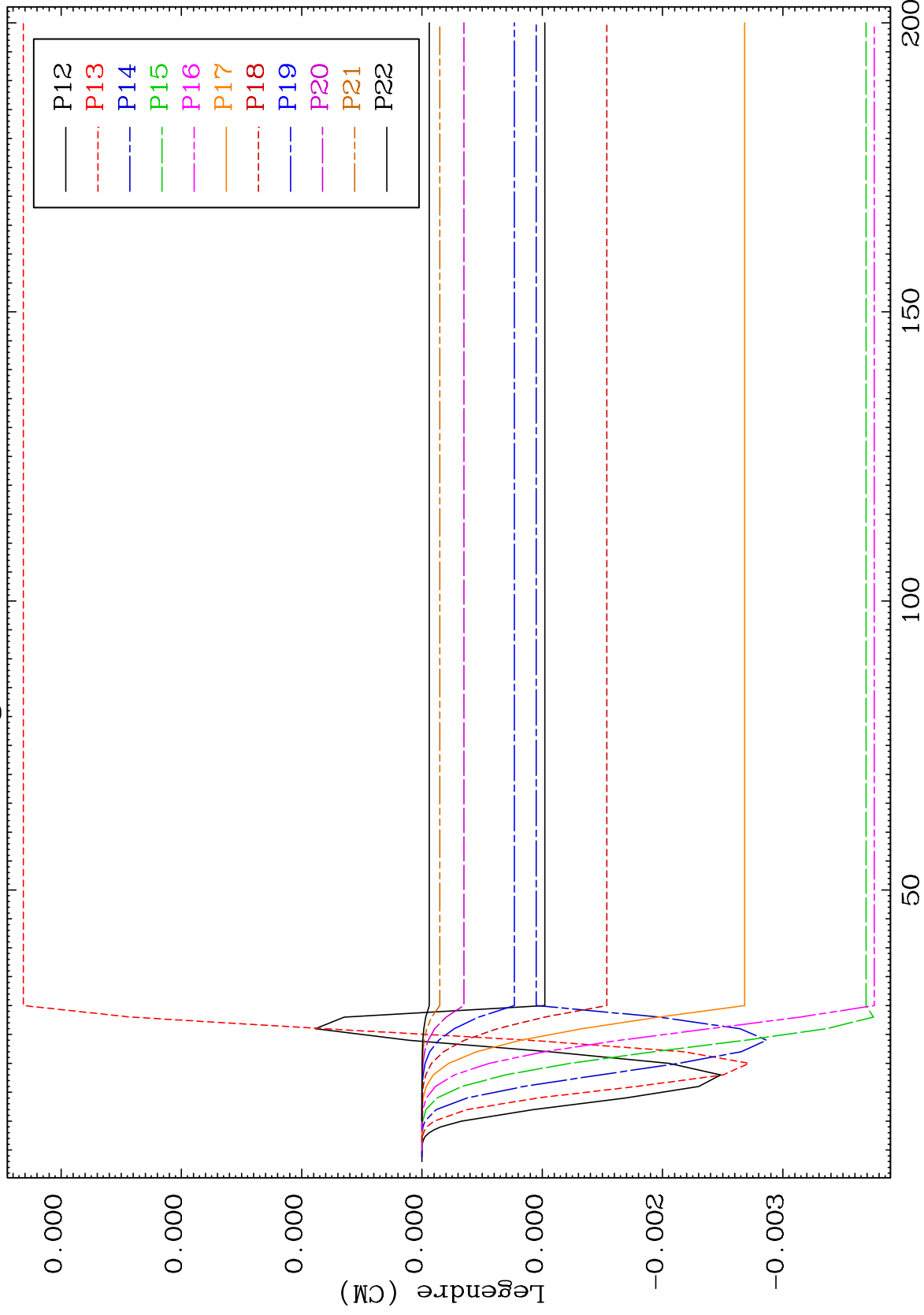
Incident Energy (MeV)

30

MAT 3049

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

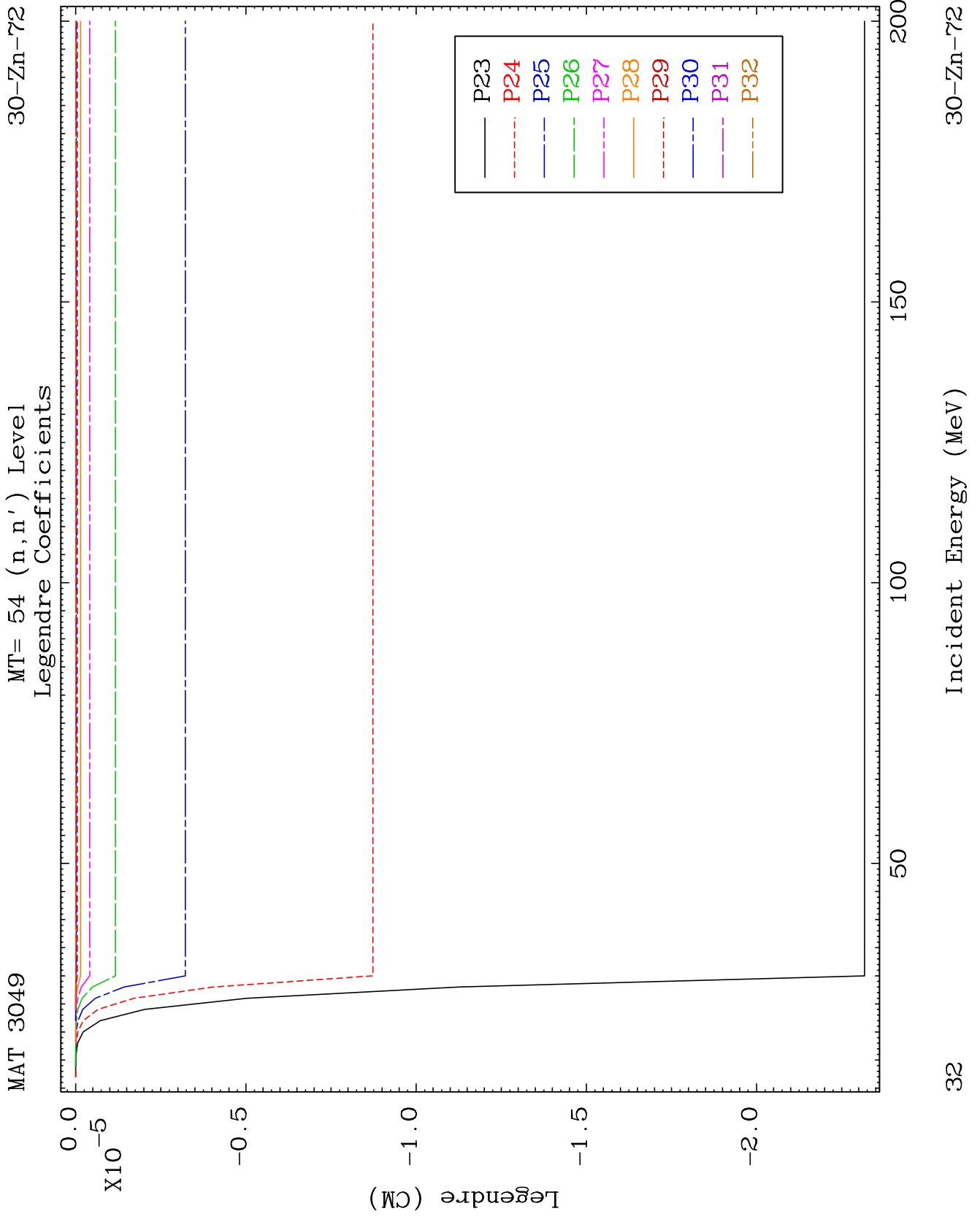
30-Zn-72

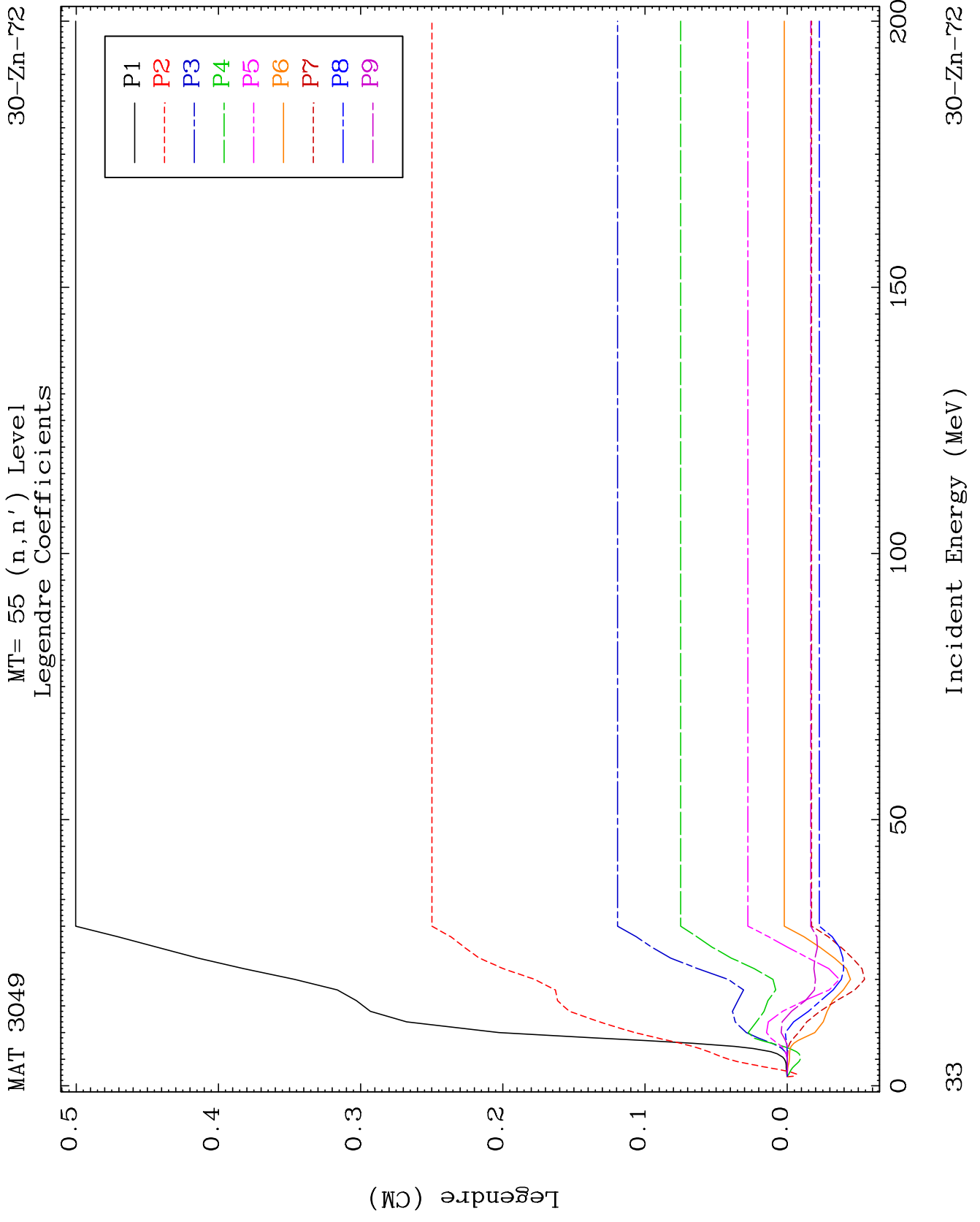


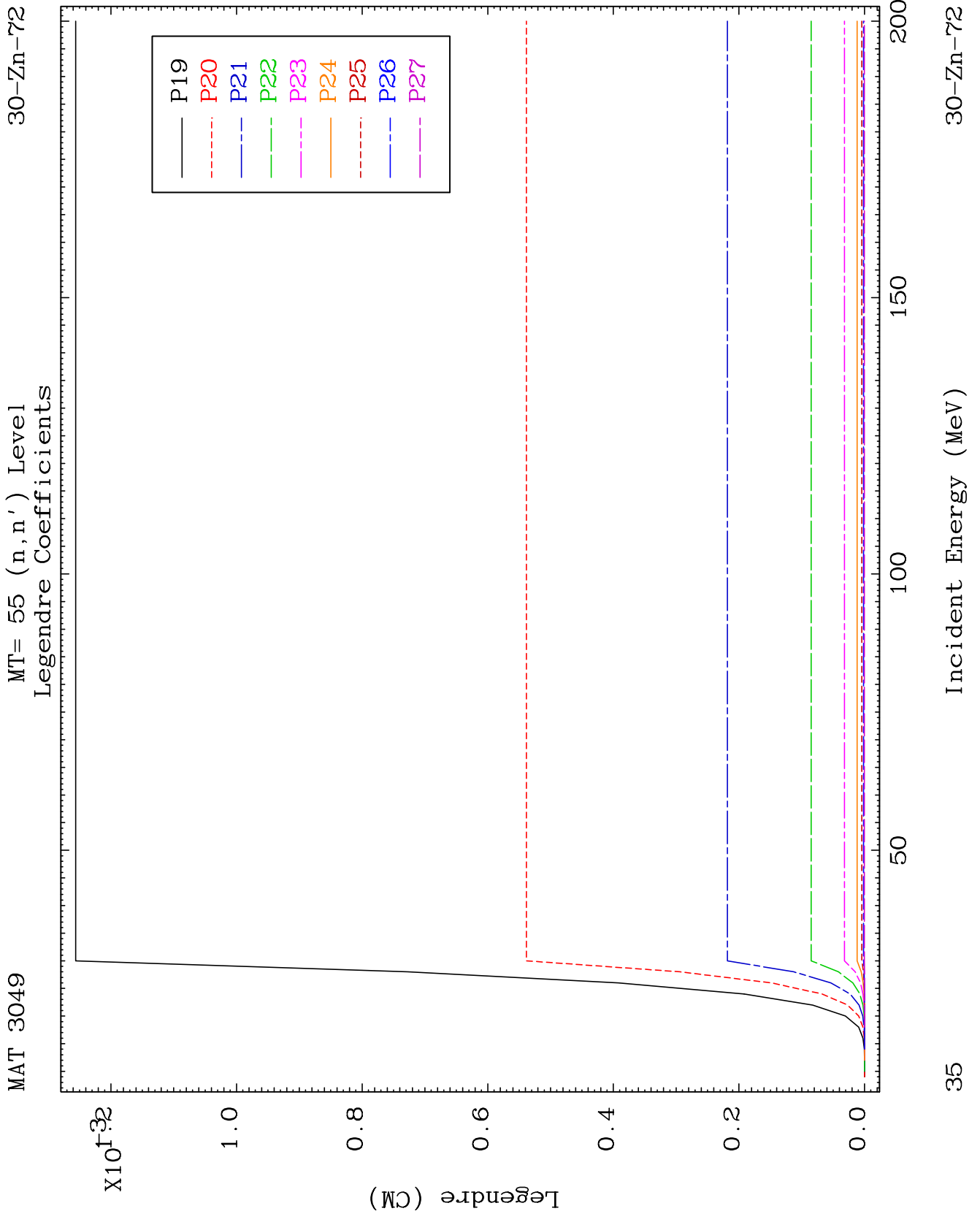
31

Incident Energy (MeV)

30-Zn-72



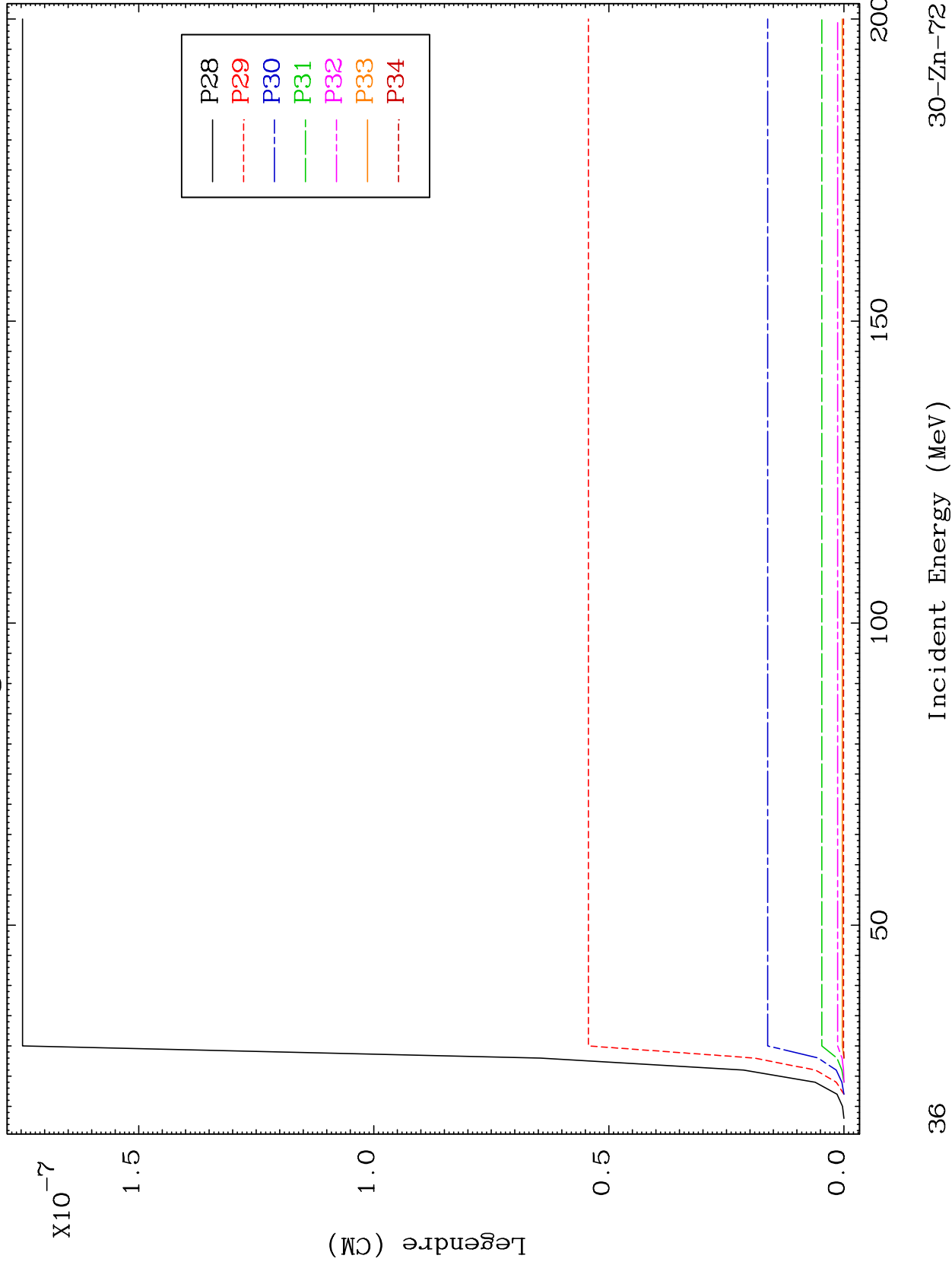




MAT 3049

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

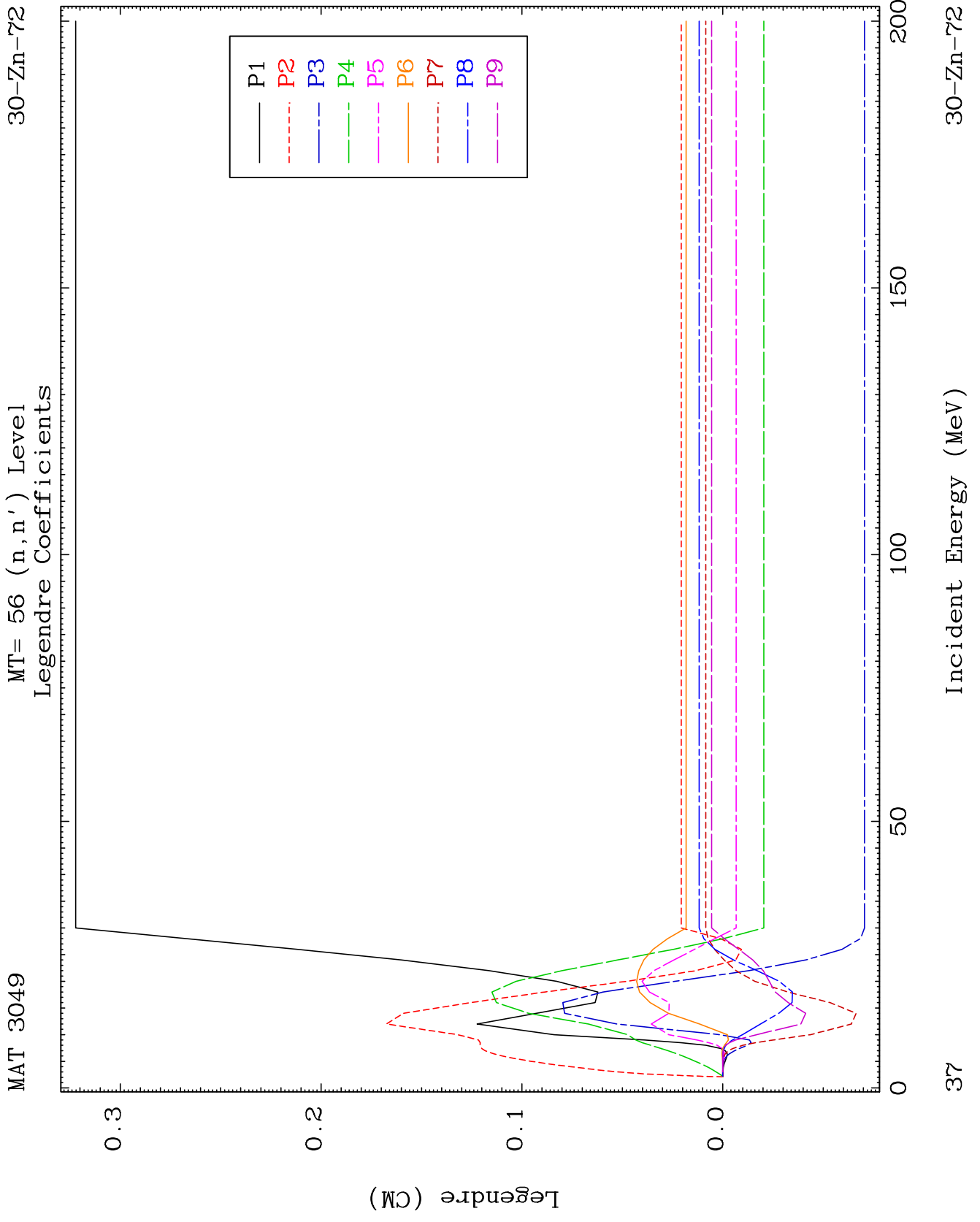
30-Zn-72



36

Incident Energy (MeV)

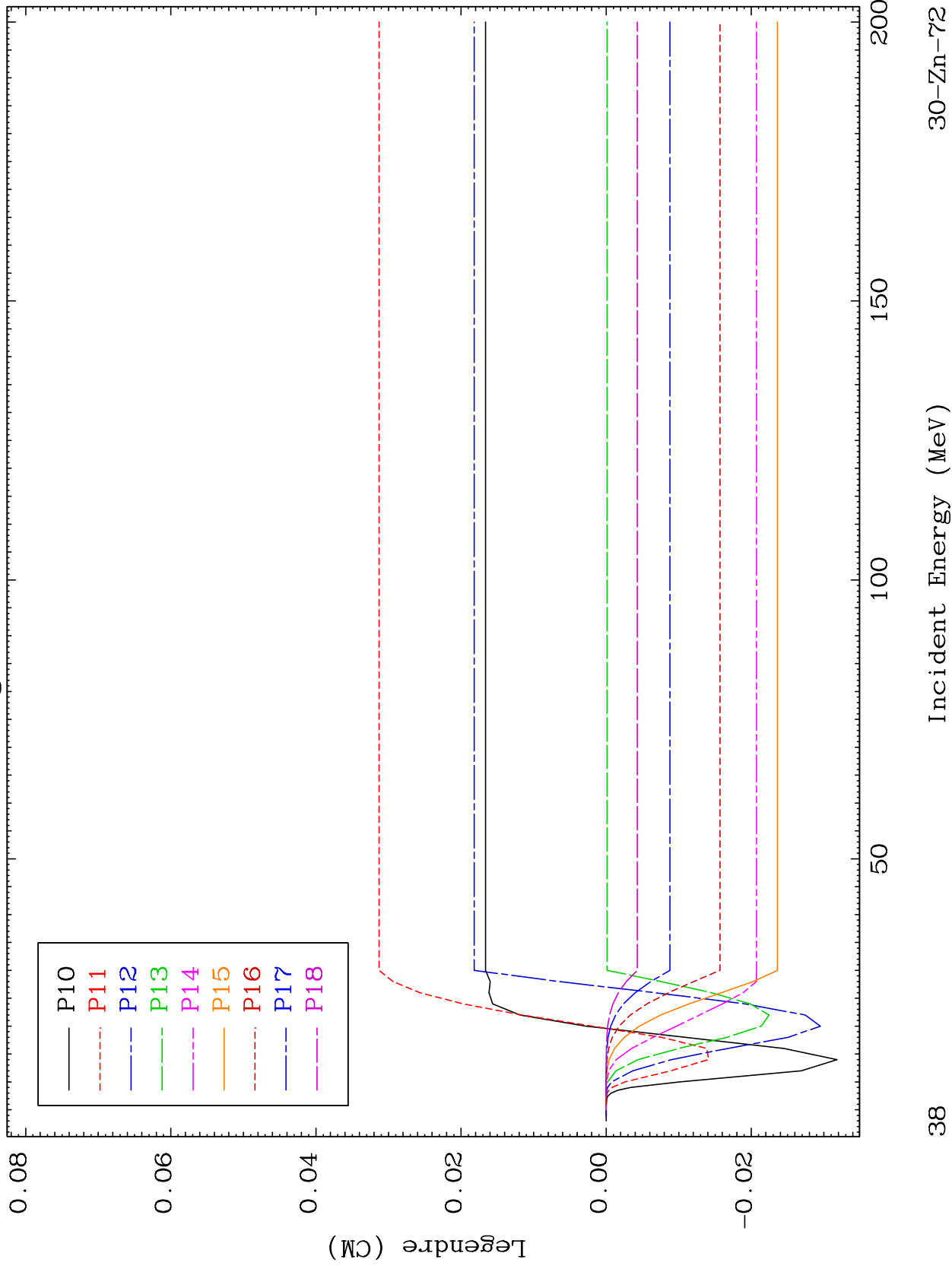
30-Zn-72



MAT 3049

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

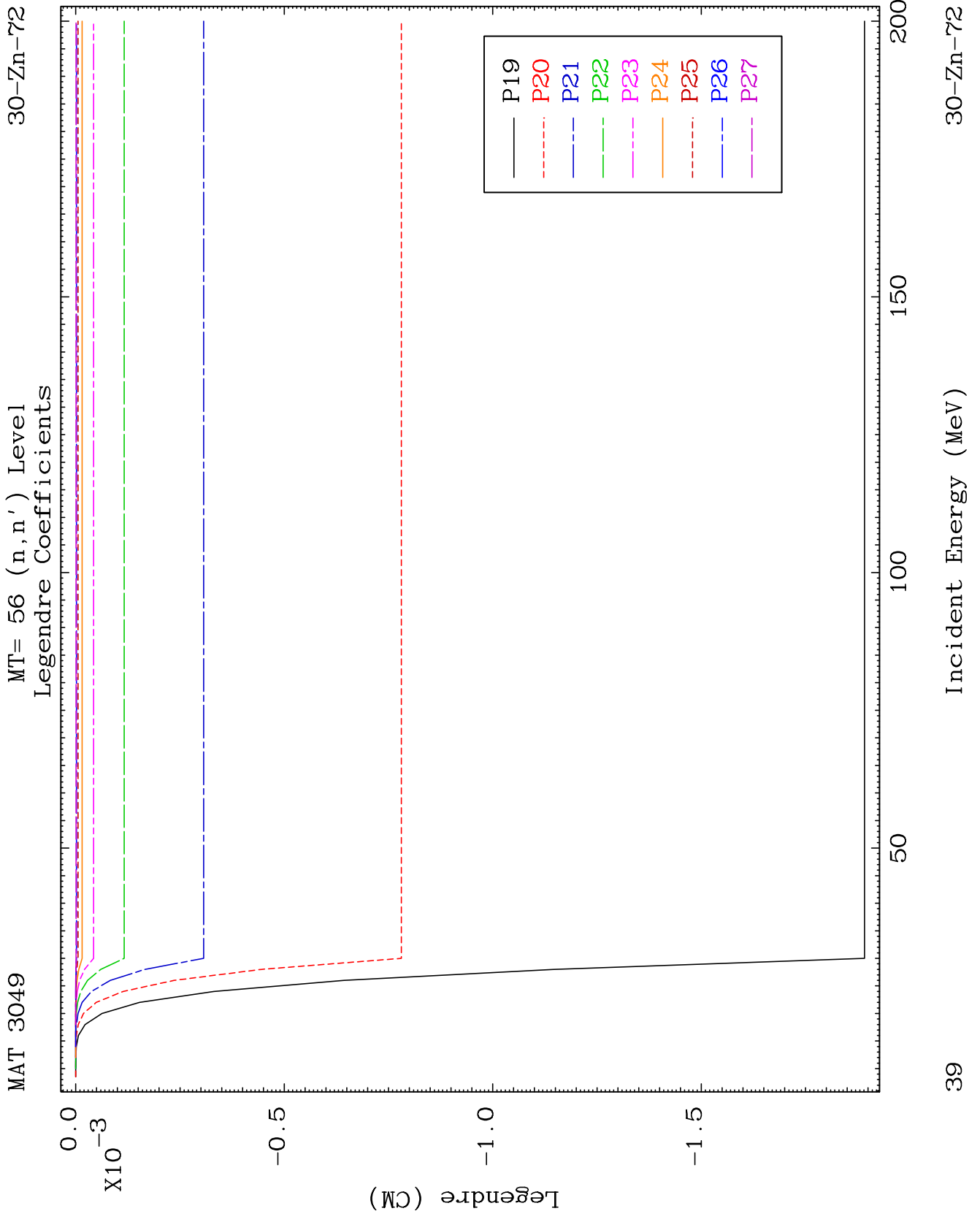
30-Zn-72

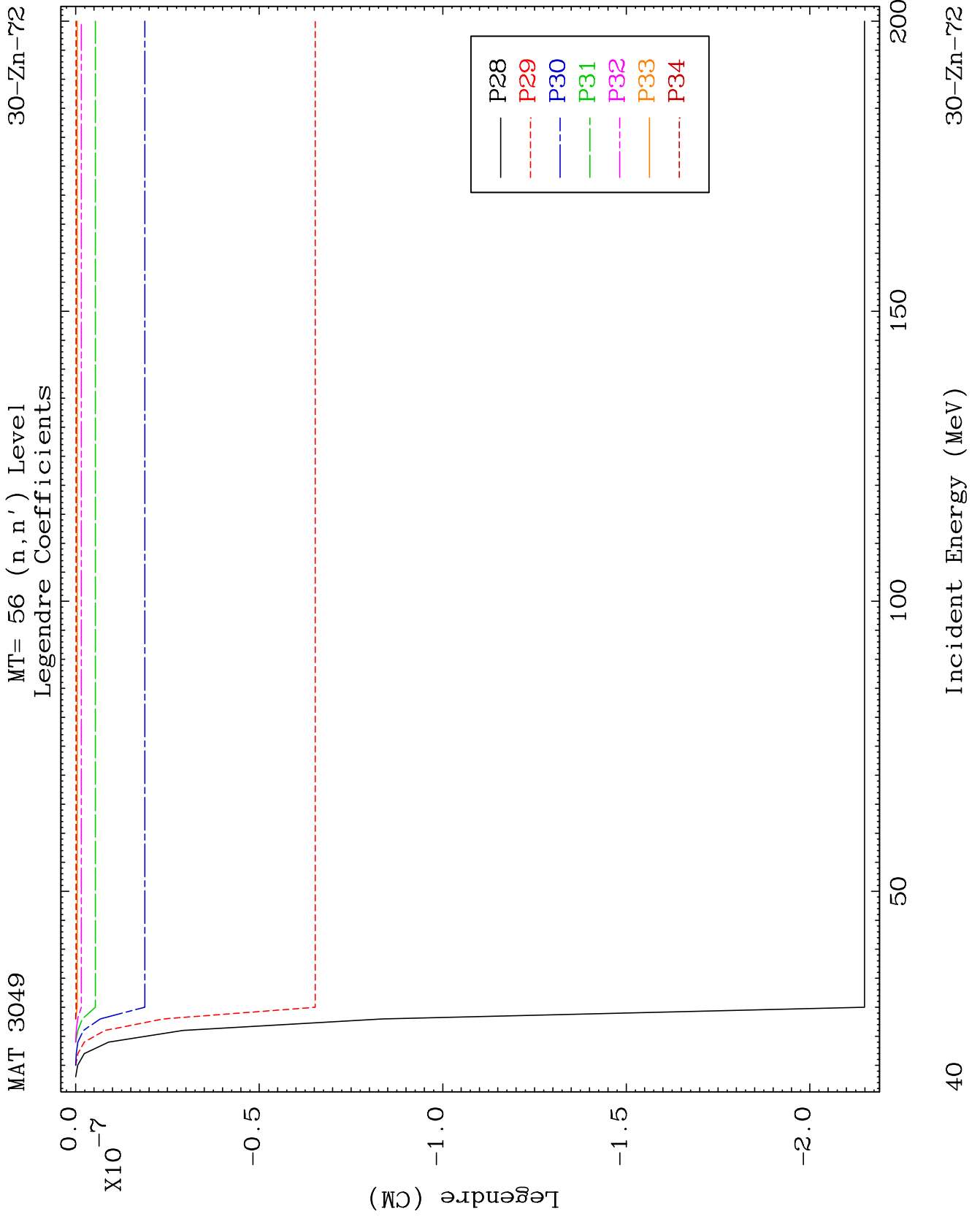


38

Incident Energy (MeV)

30-Zn-72

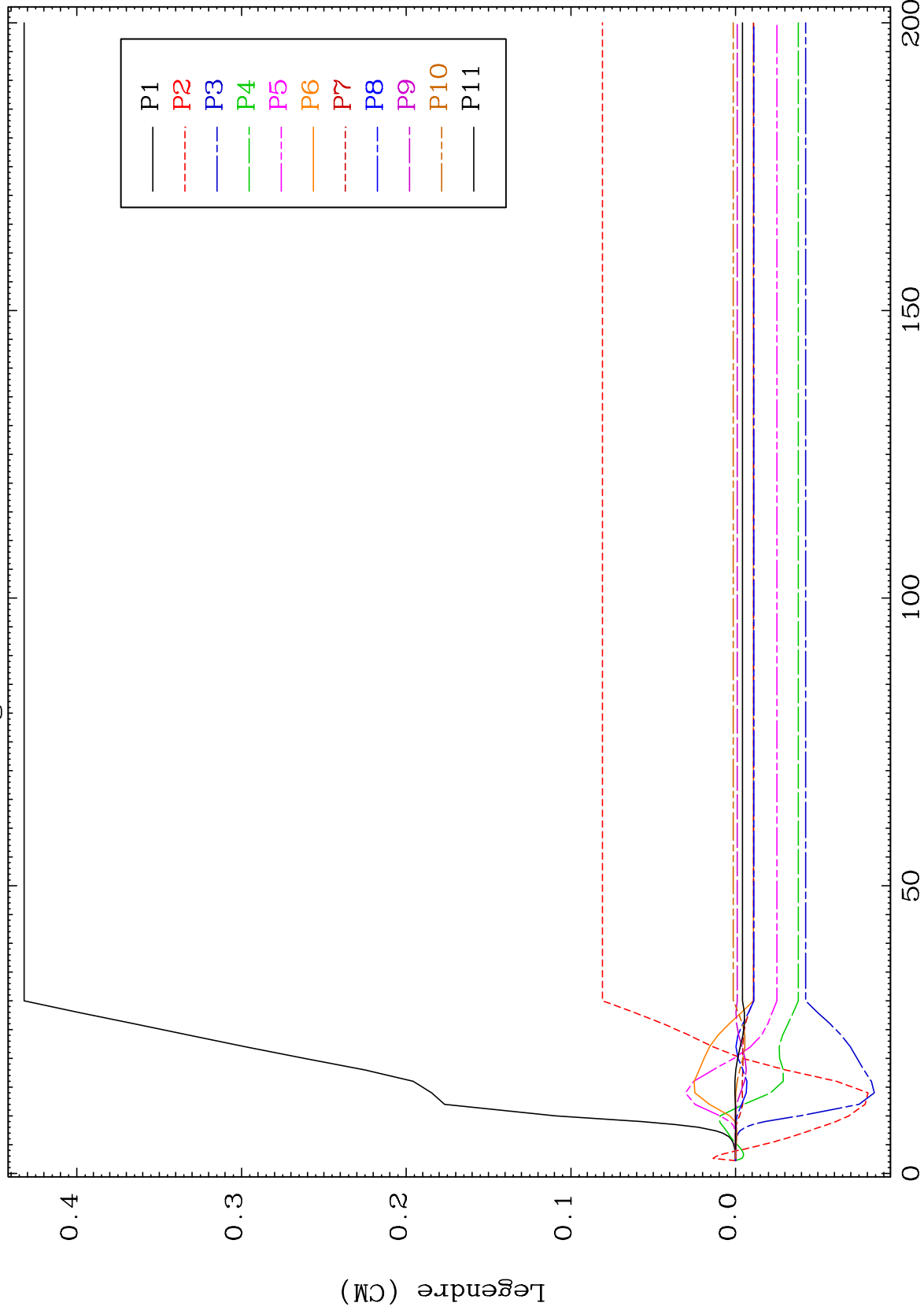




MAT 3049

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

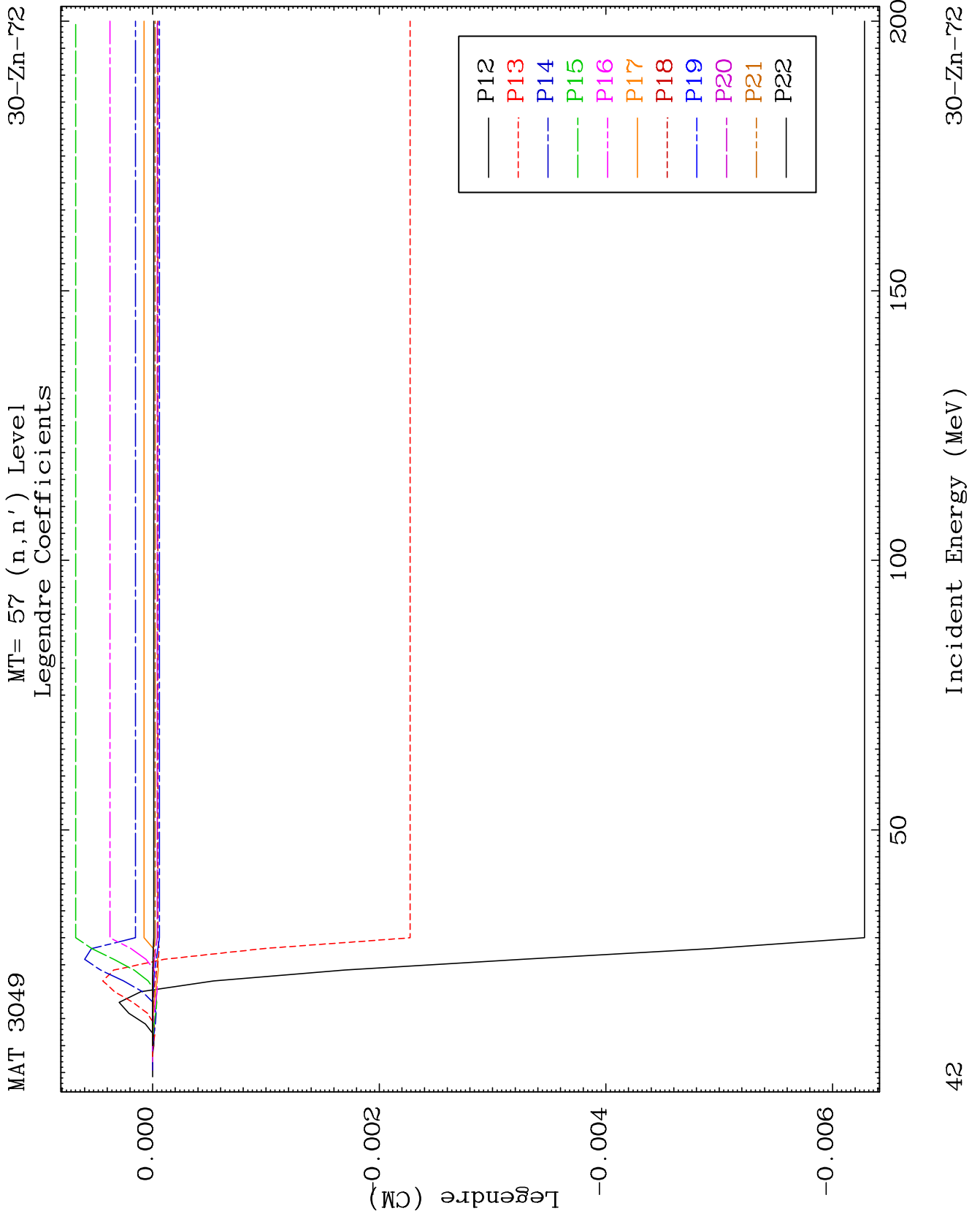
30-Zn-72

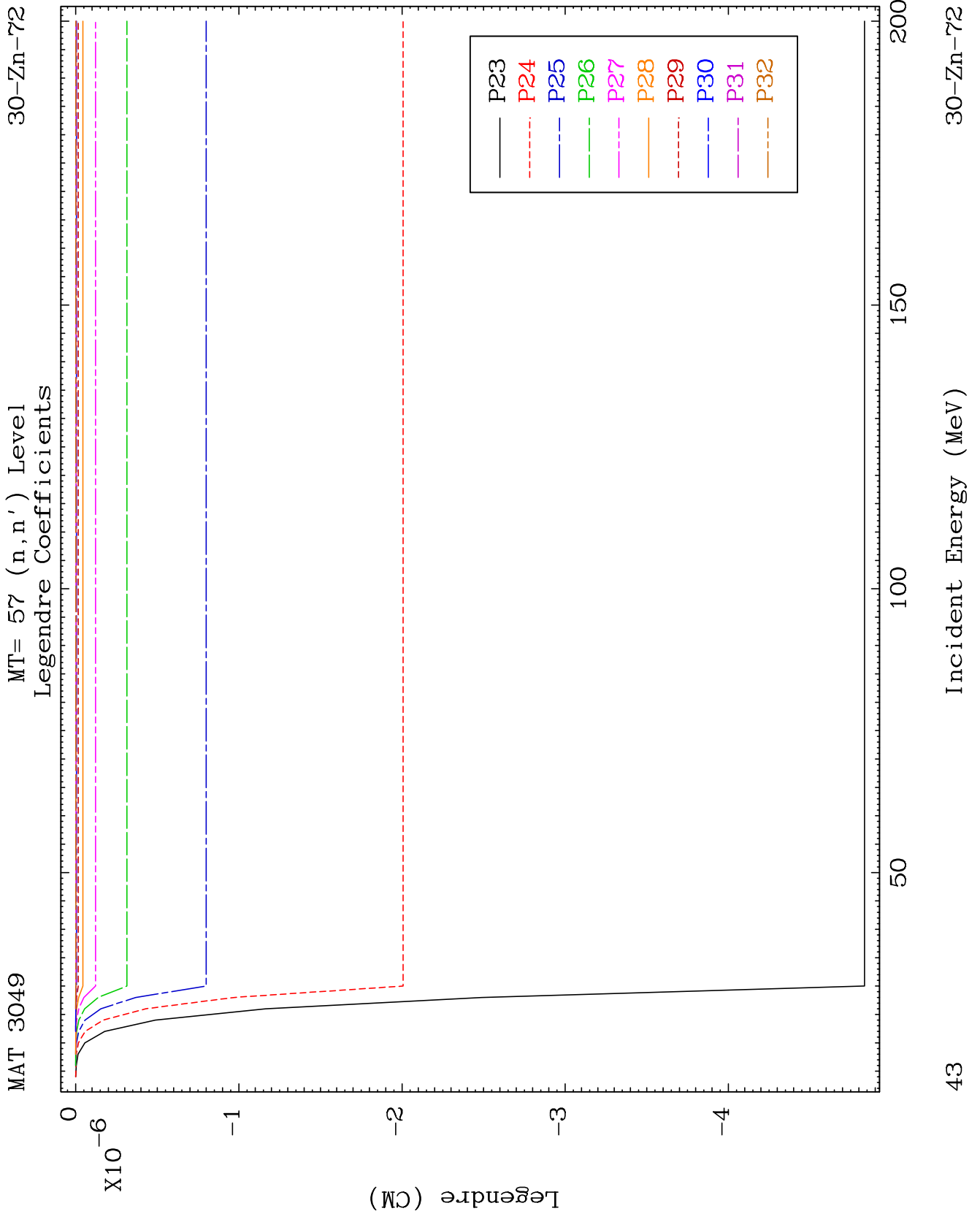


41

Incident Energy (MeV)

30-Zn-72

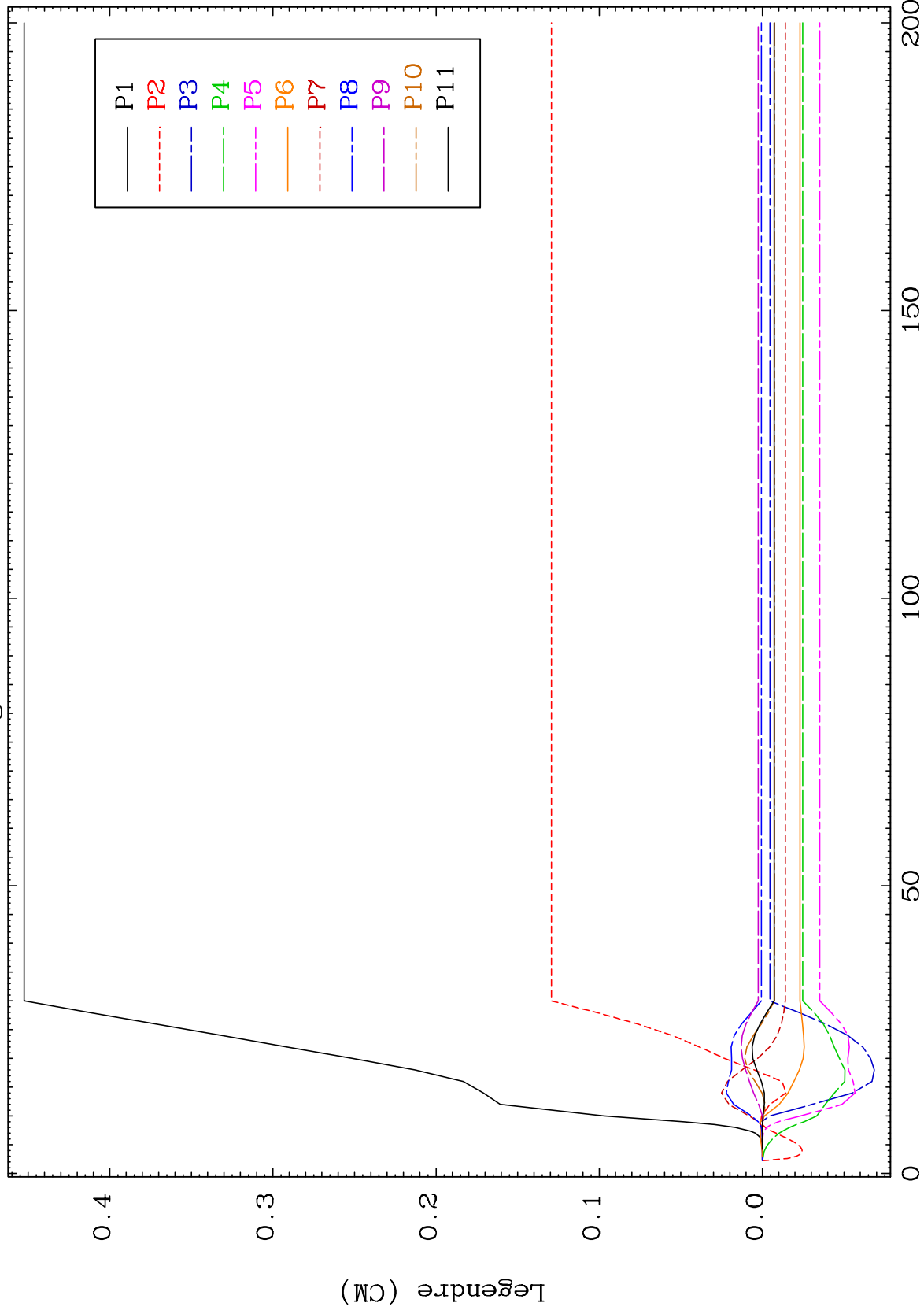




MAT 3049

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

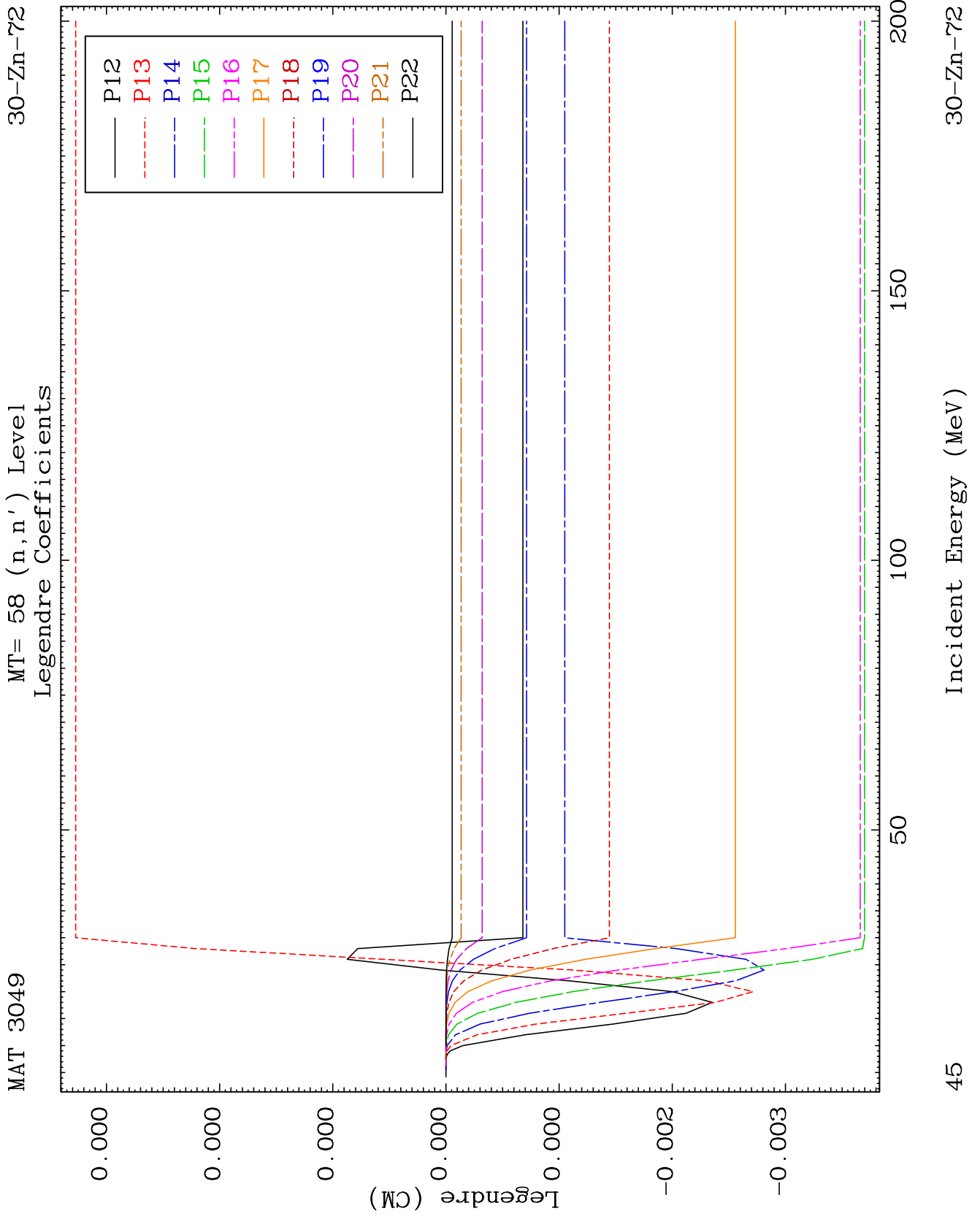
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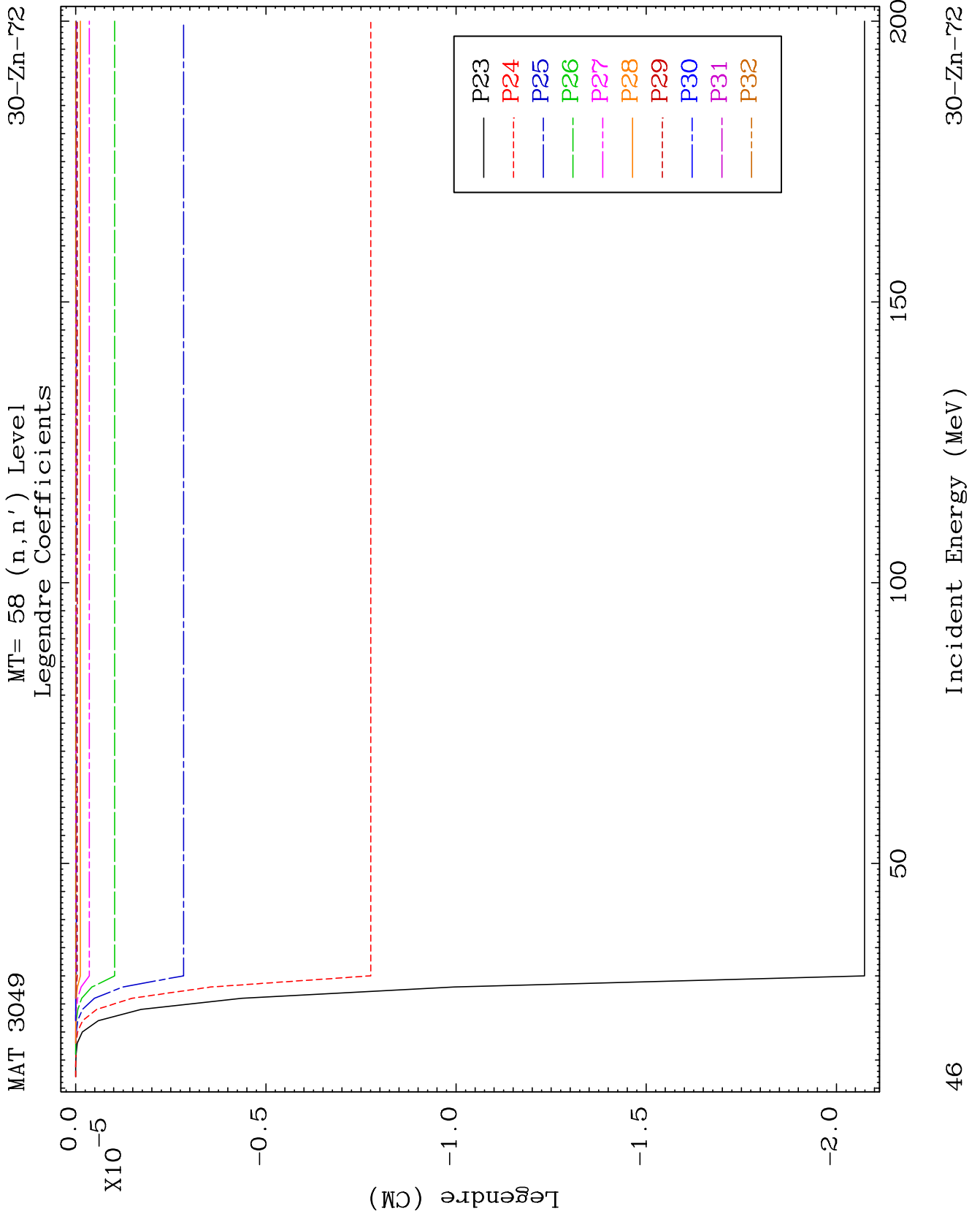


44

Incident Energy (MeV)

30-Zn-72

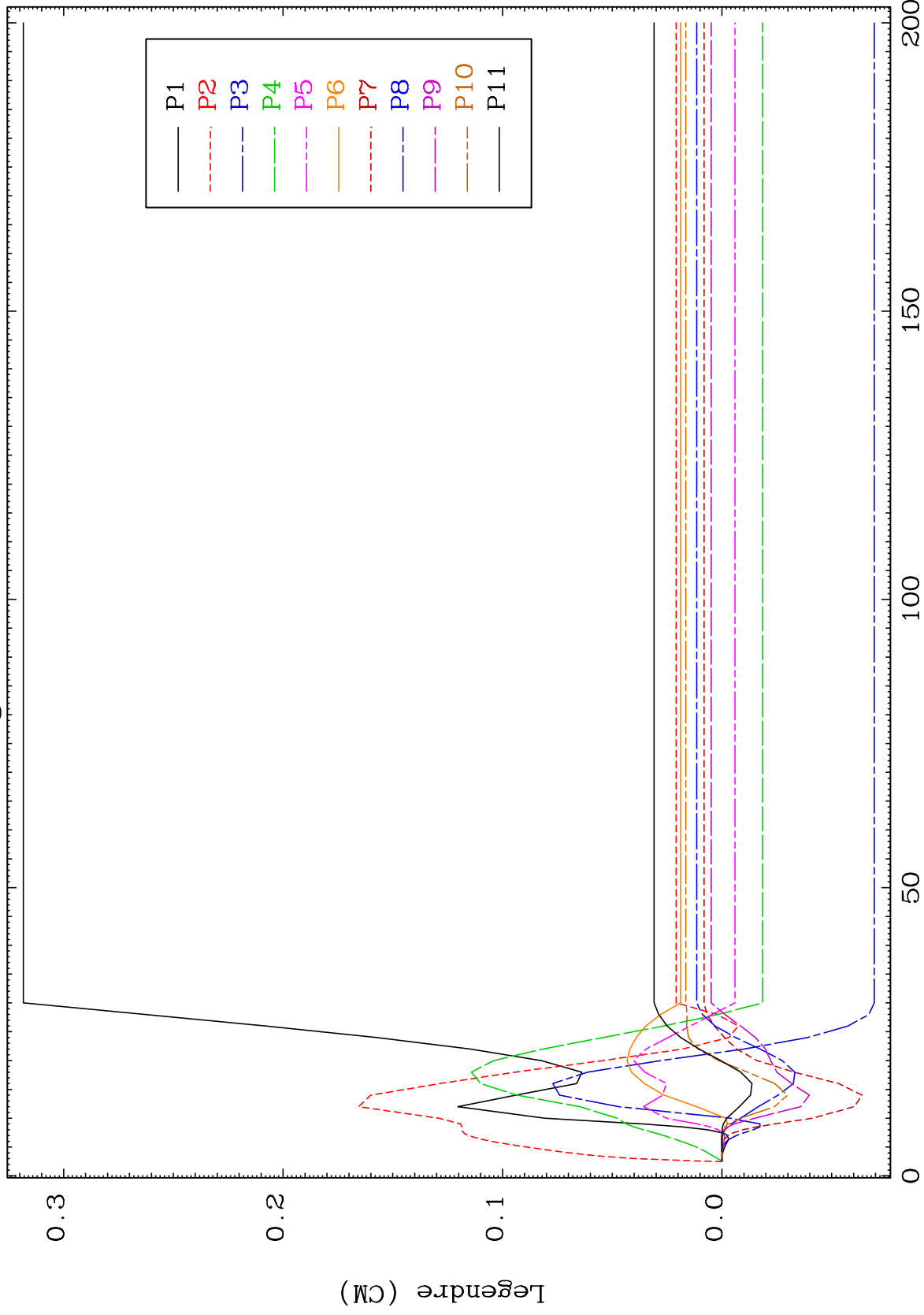




MAT 3049

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

30-Zn-72



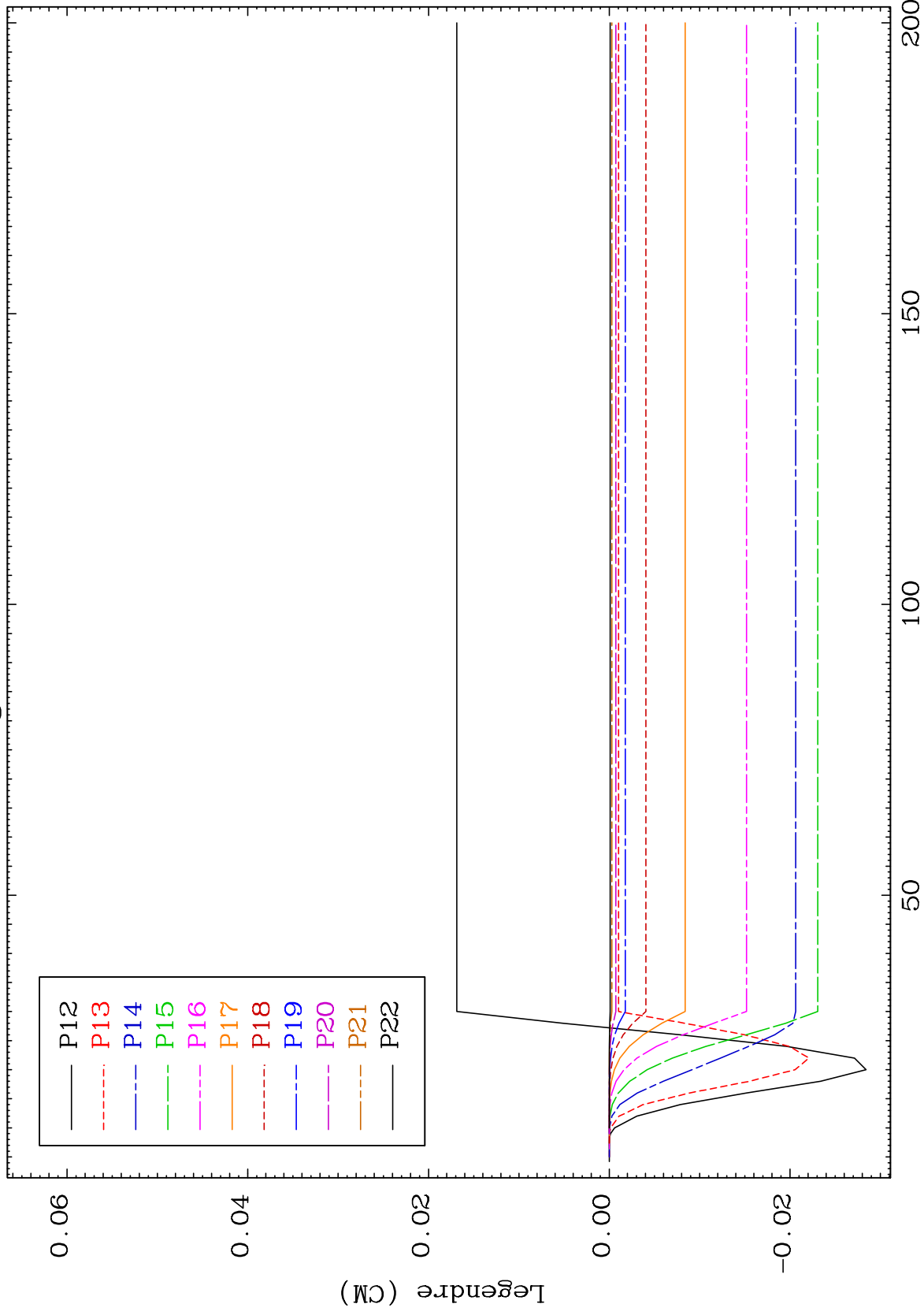
47

30-Zn-72

MAT 3049

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

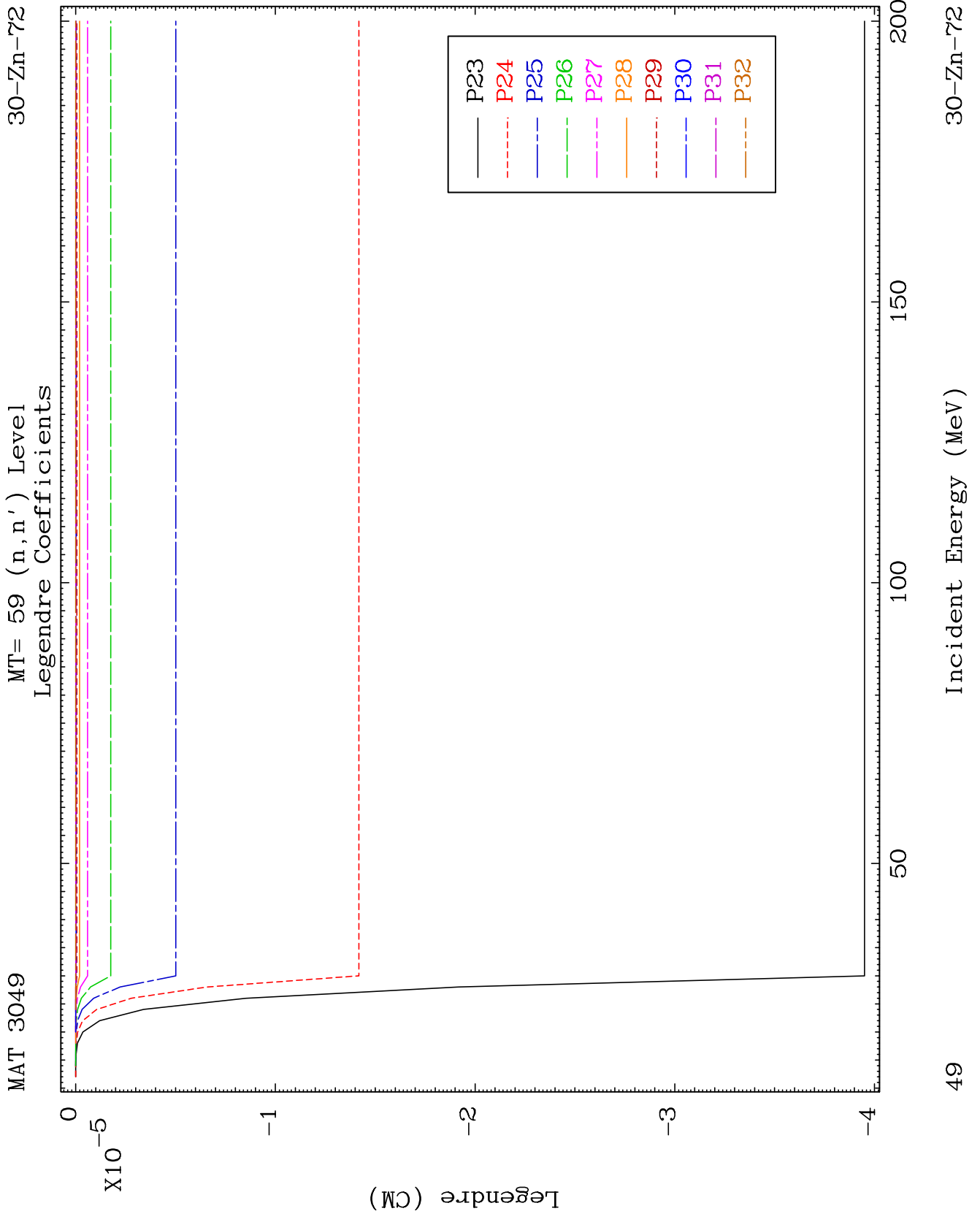
30-Zn-72

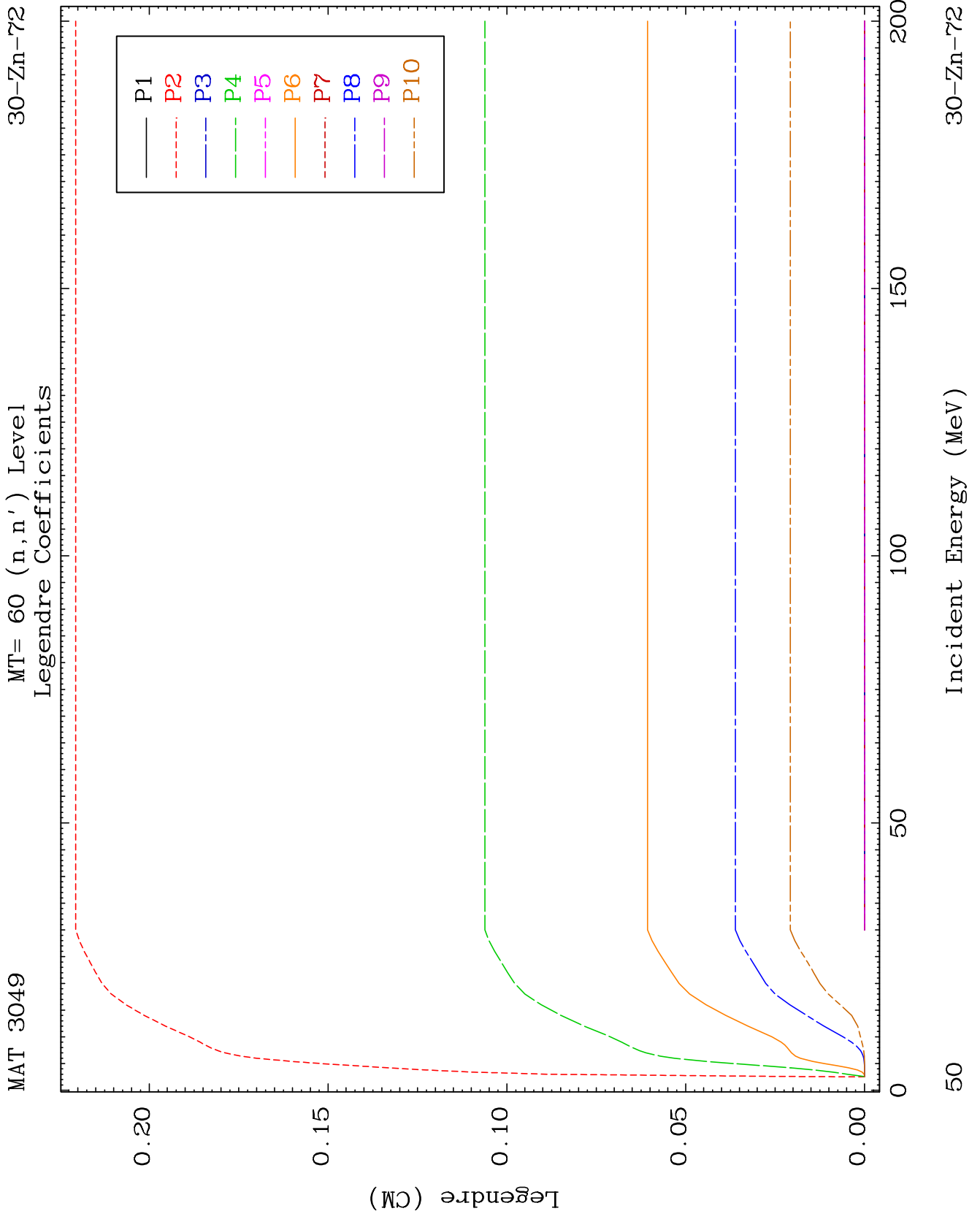


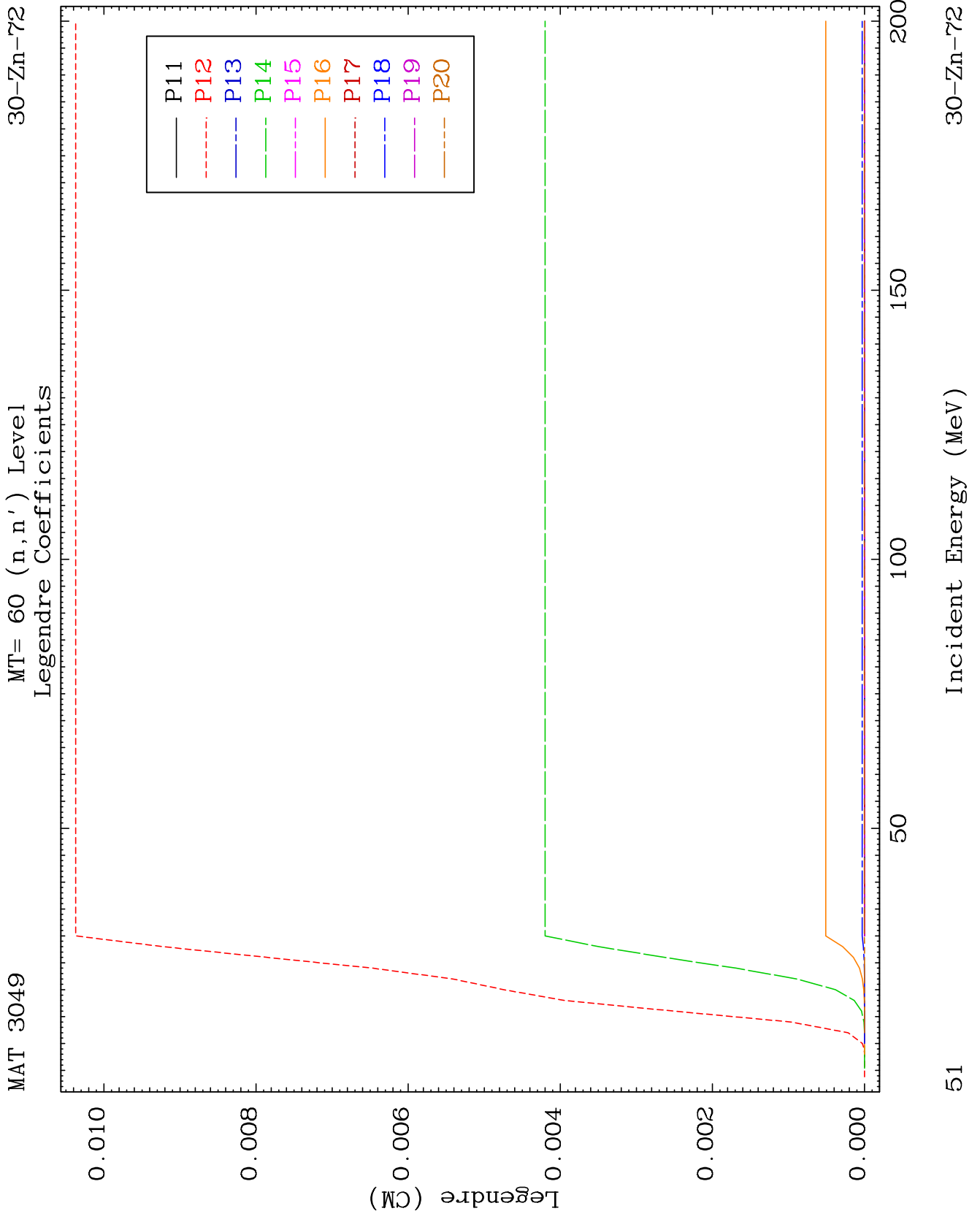
48

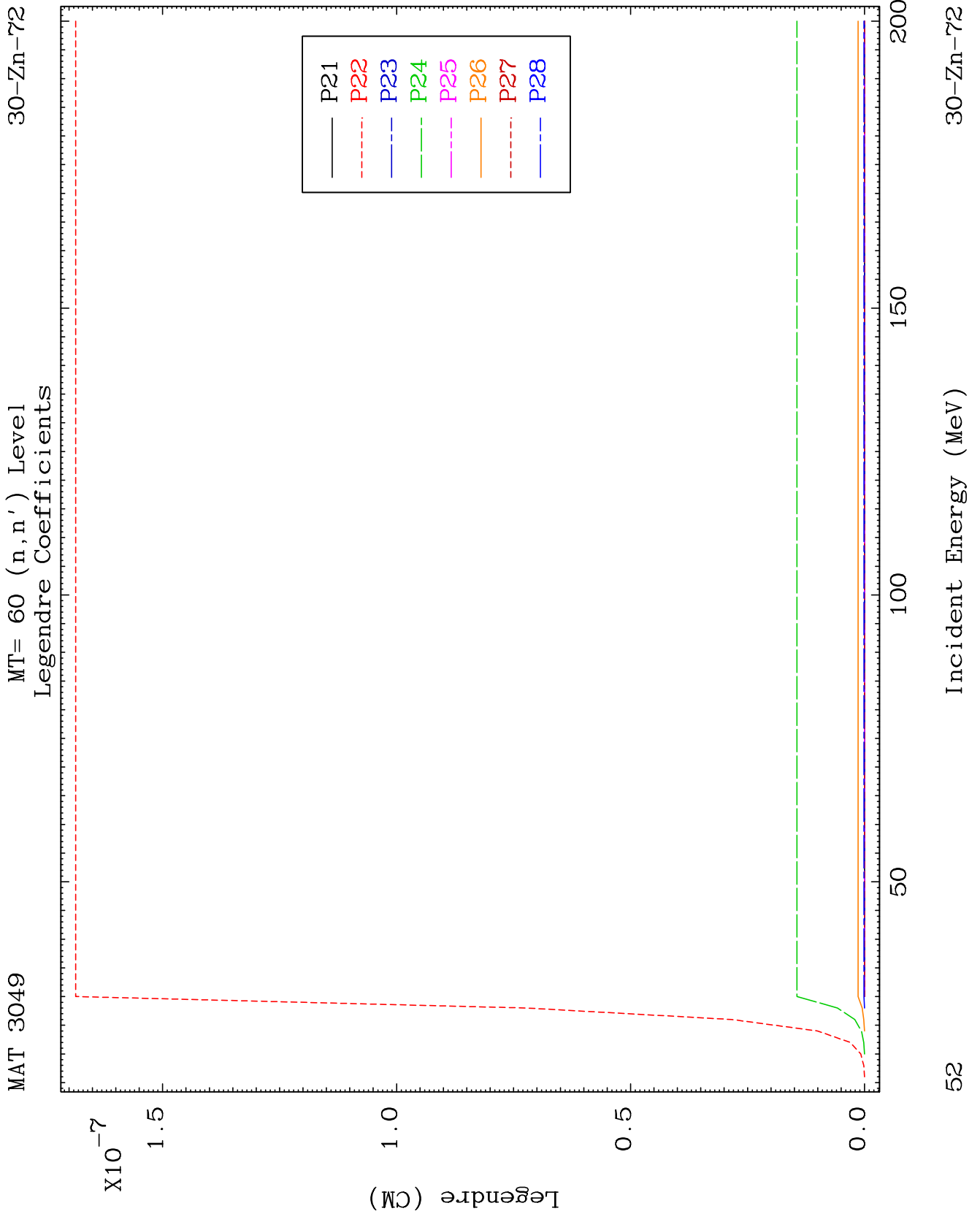
Incident Energy (MeV)

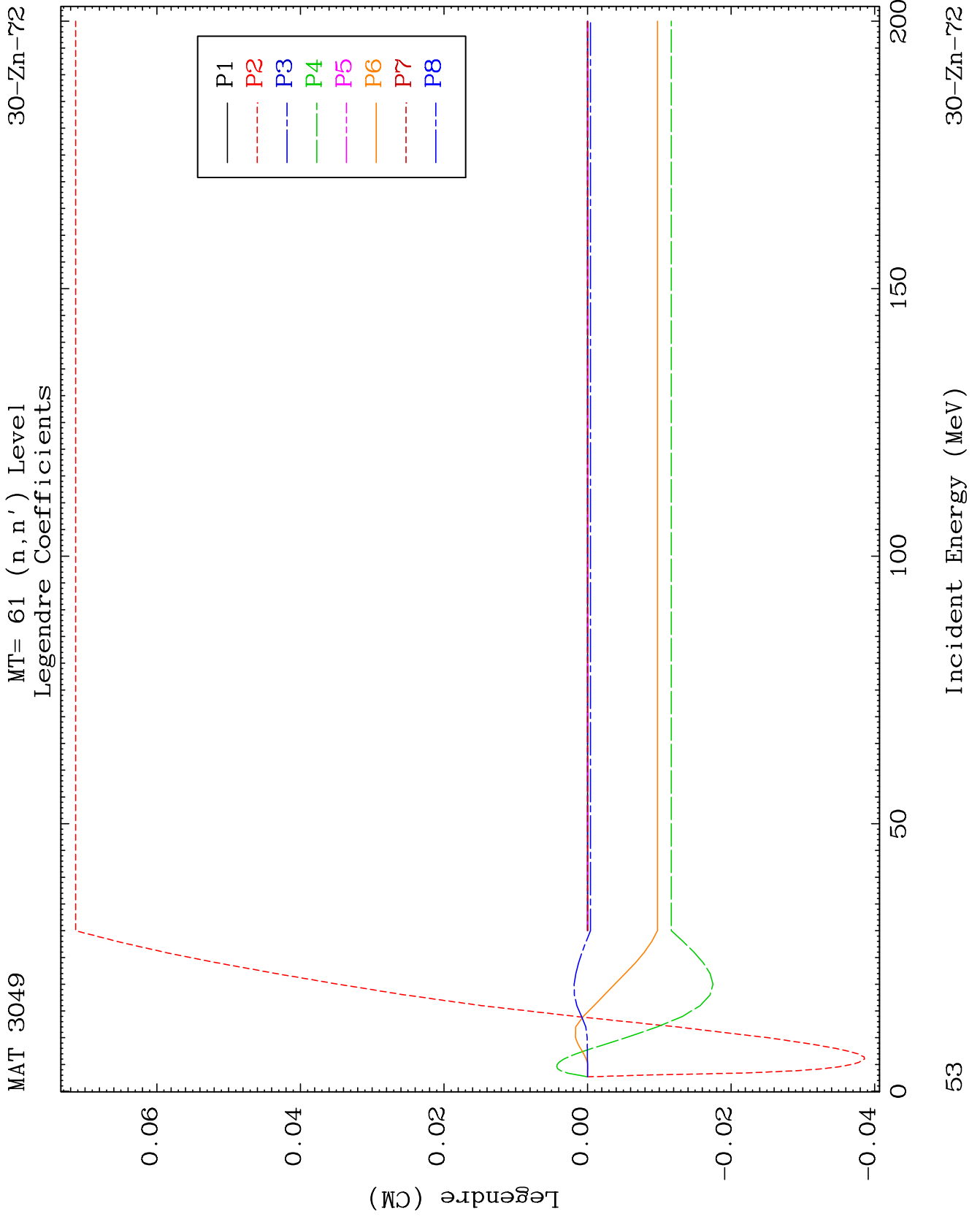
30-Zn-72







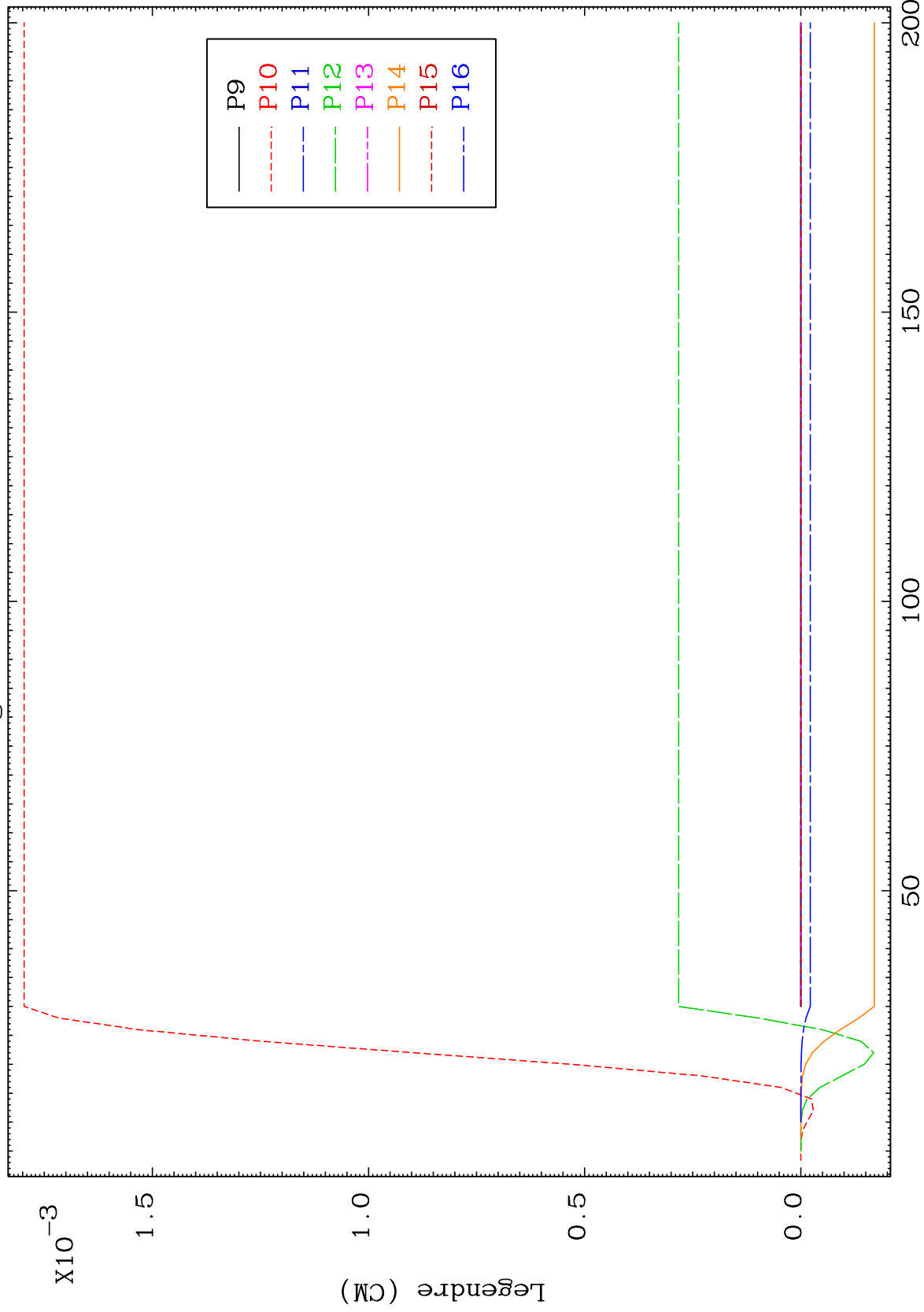




MAT 3049

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

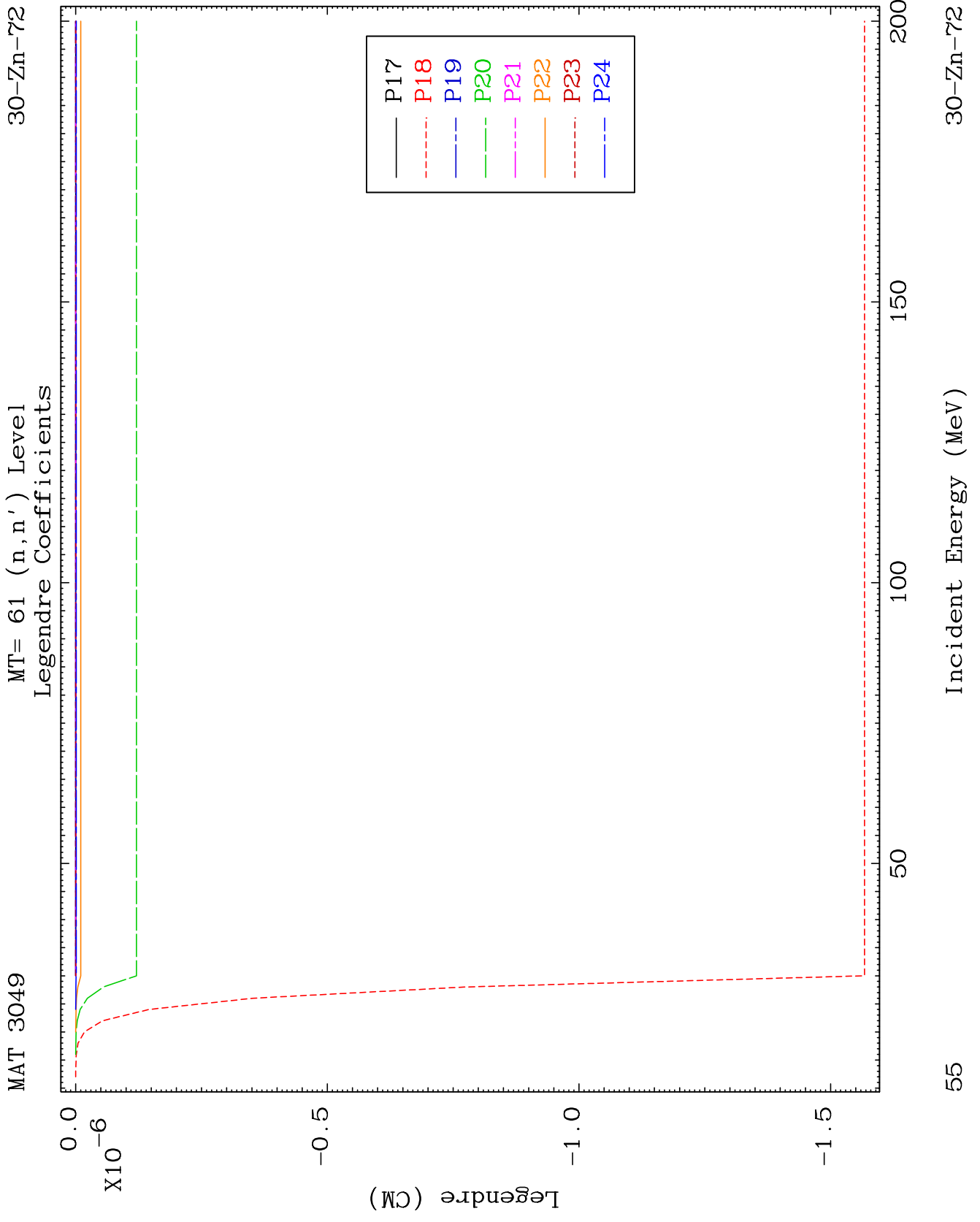
30-Zn-72



54

Incident Energy (MeV)

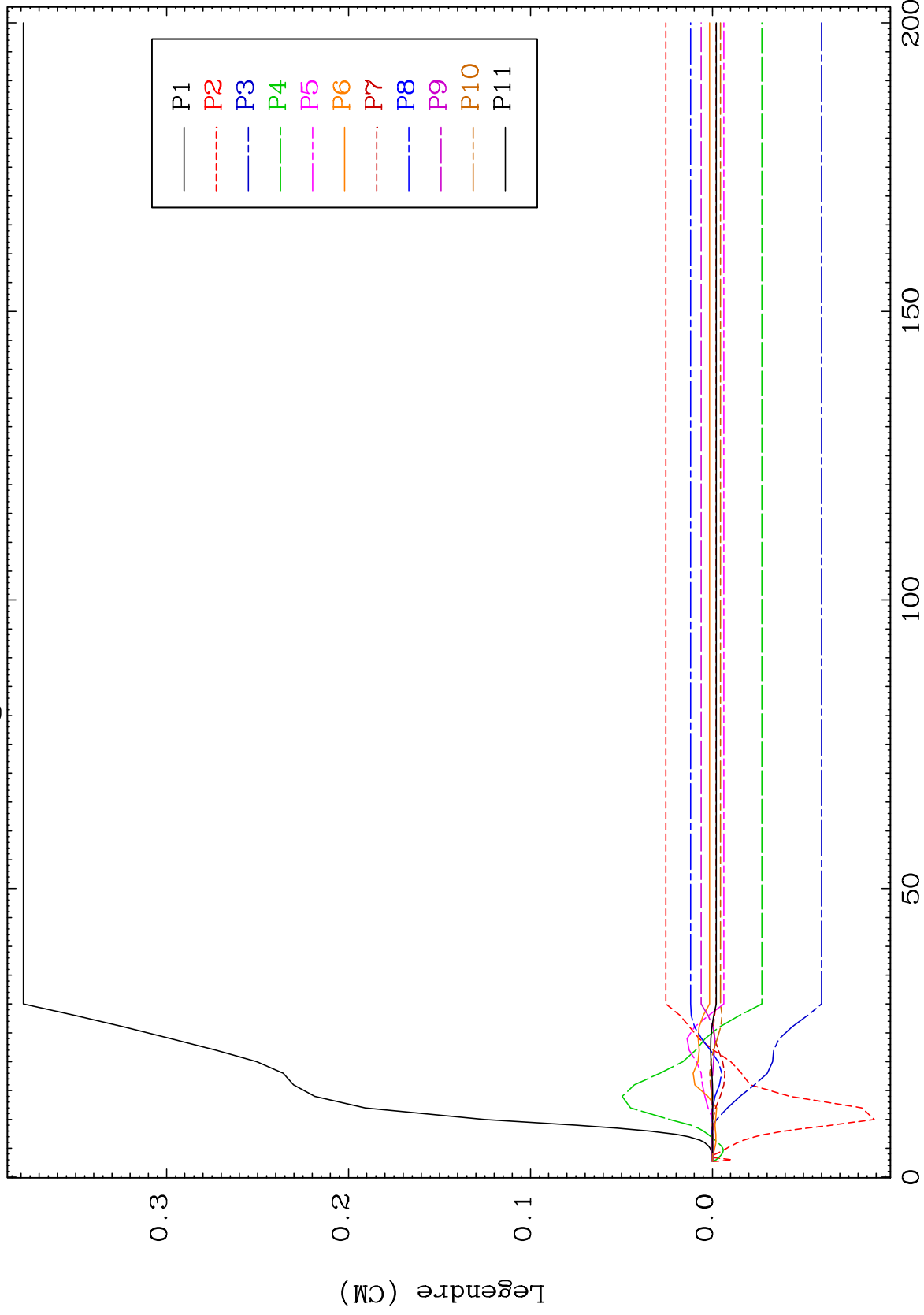
30-Zn-72



MAT 3049

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

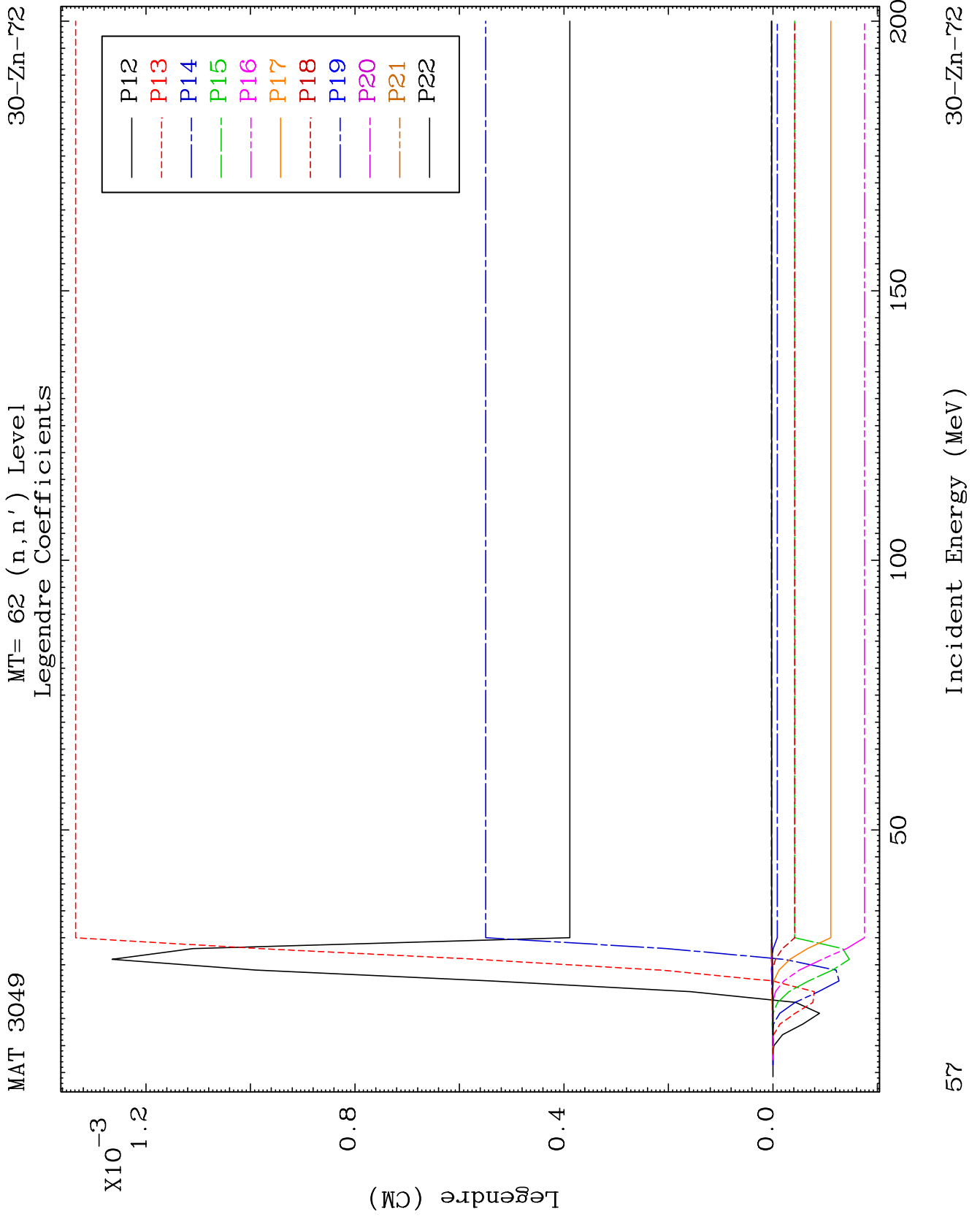
30-Zn-72



56

Incident Energy (MeV)

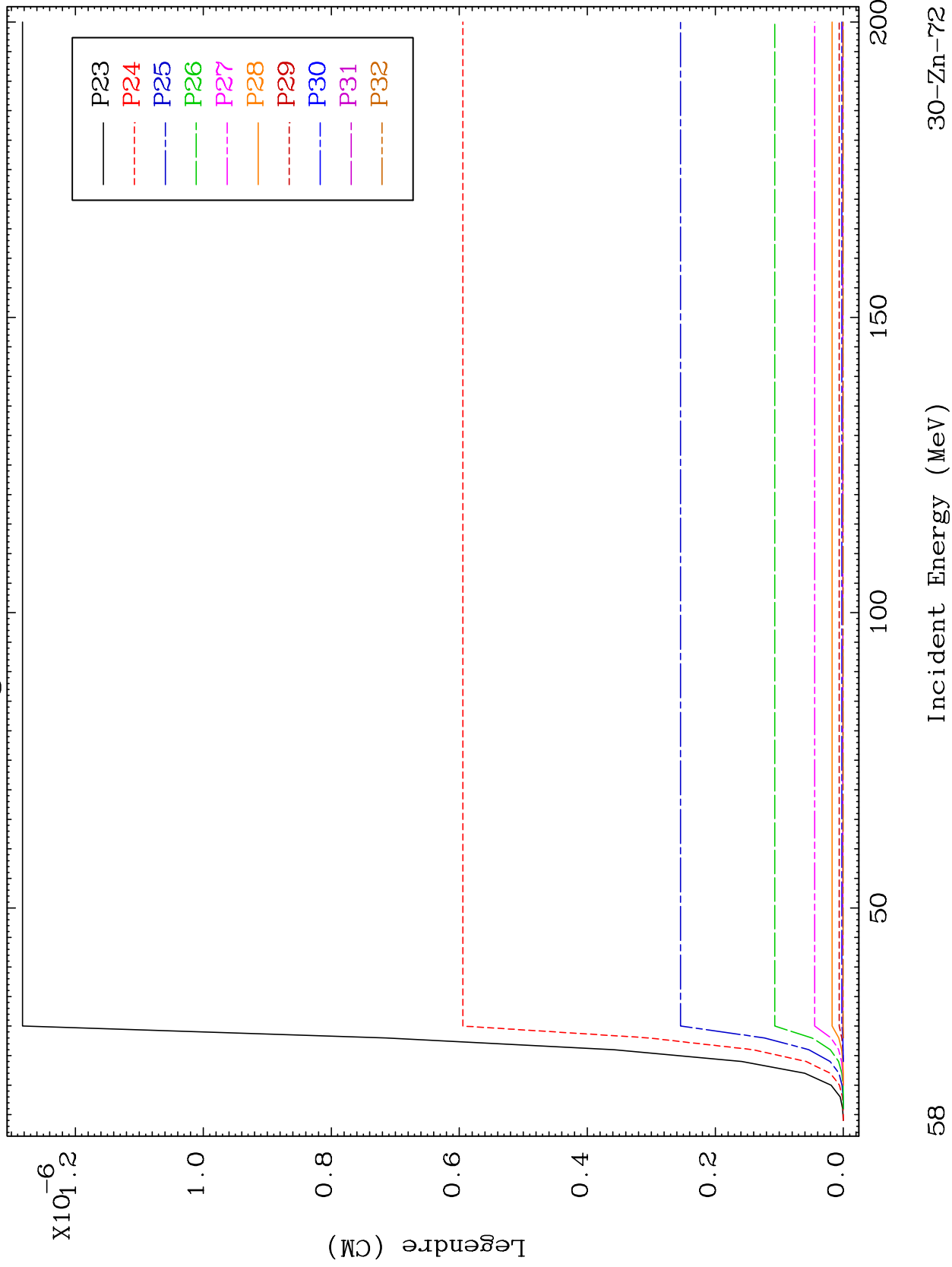
30-Zn-72



MAT 3049

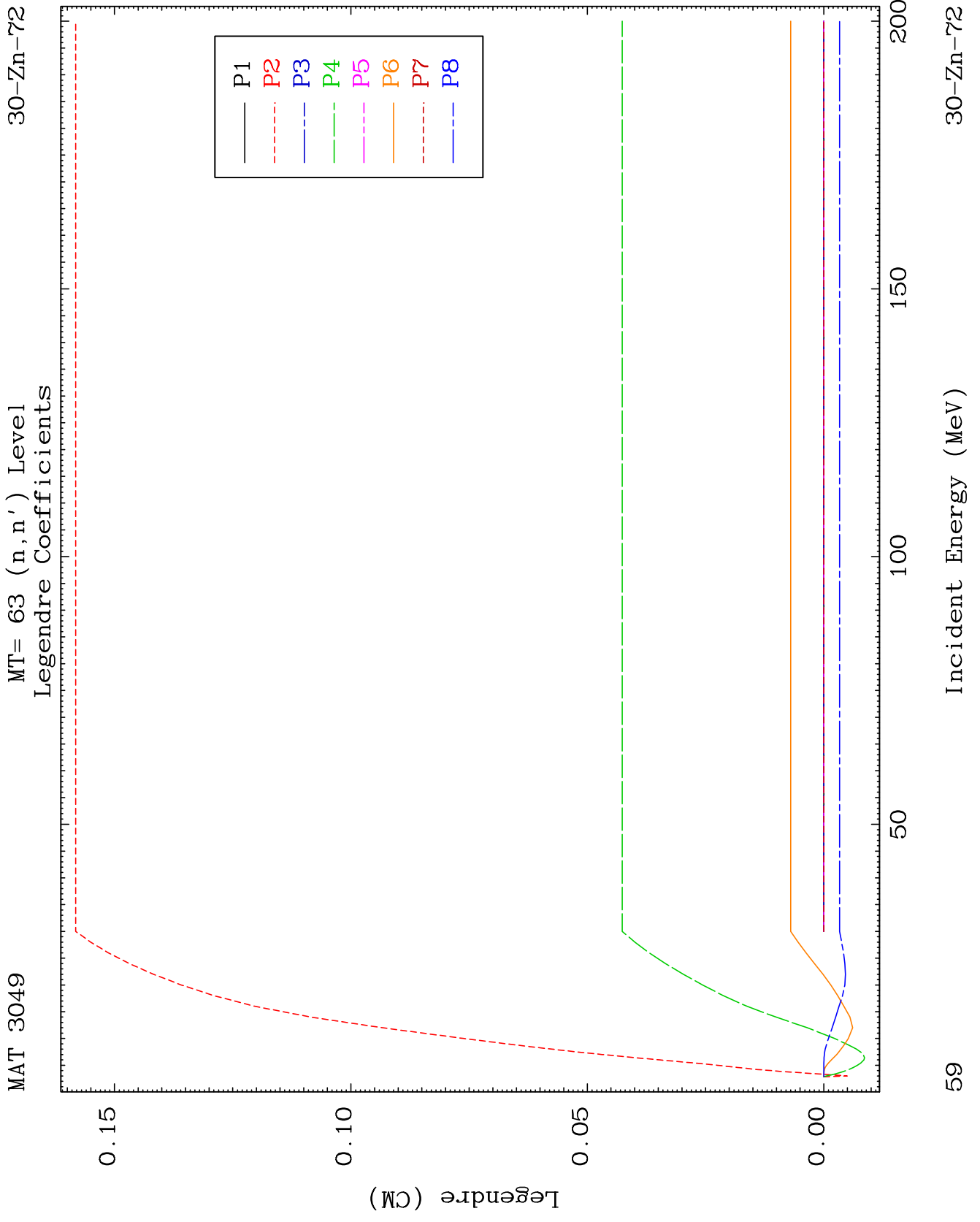
MT= 62 (n,n') Level
Legendre Coefficients

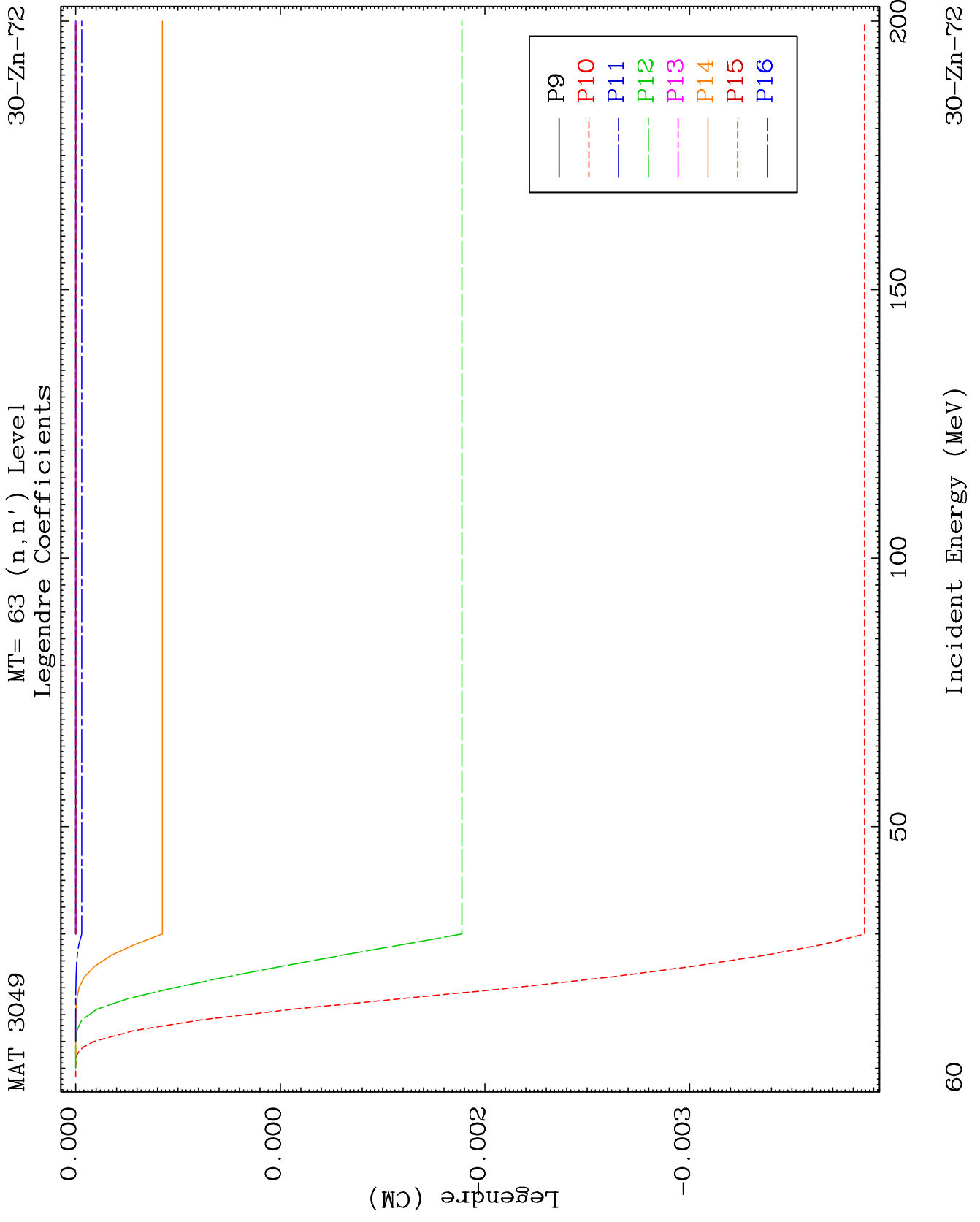
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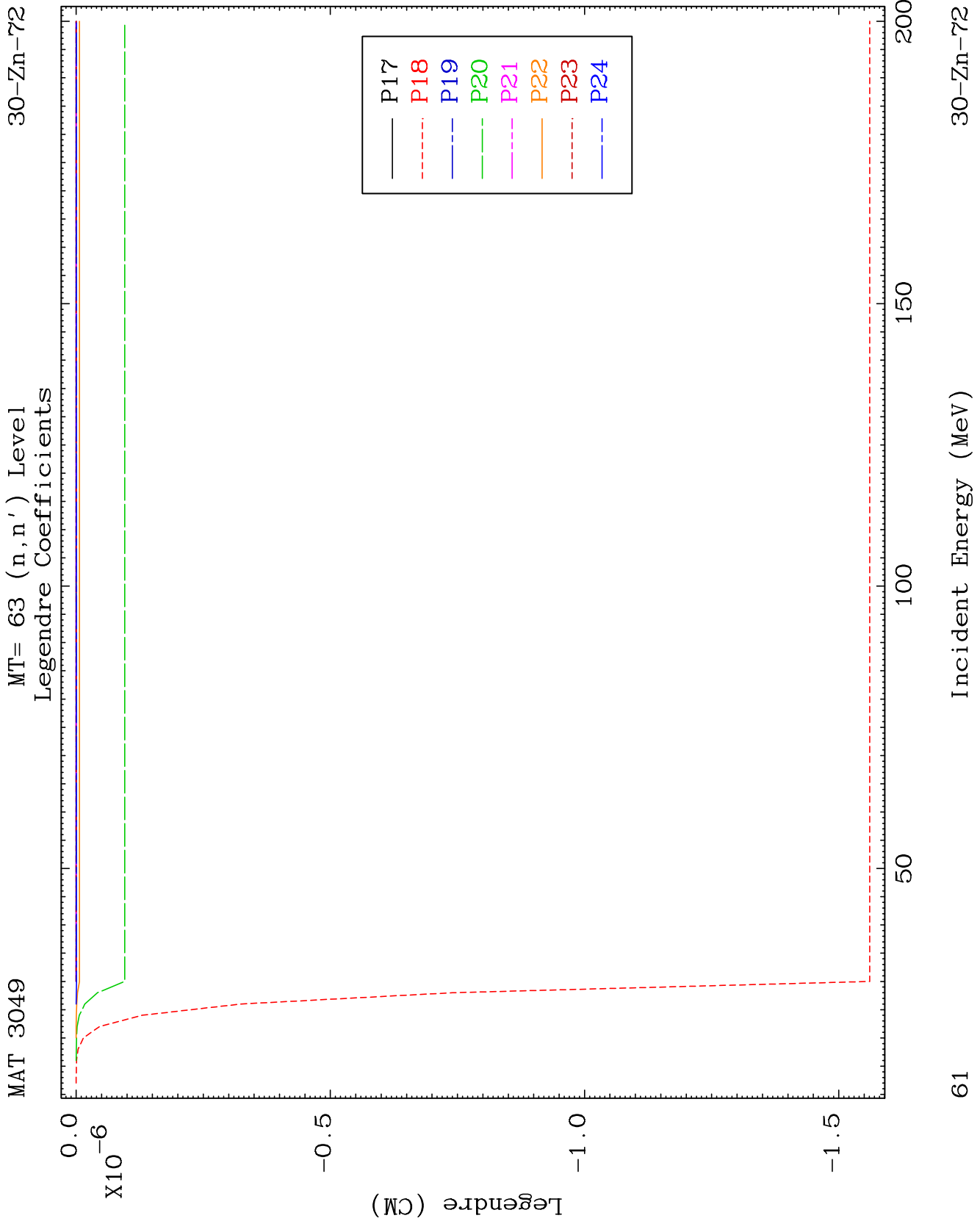


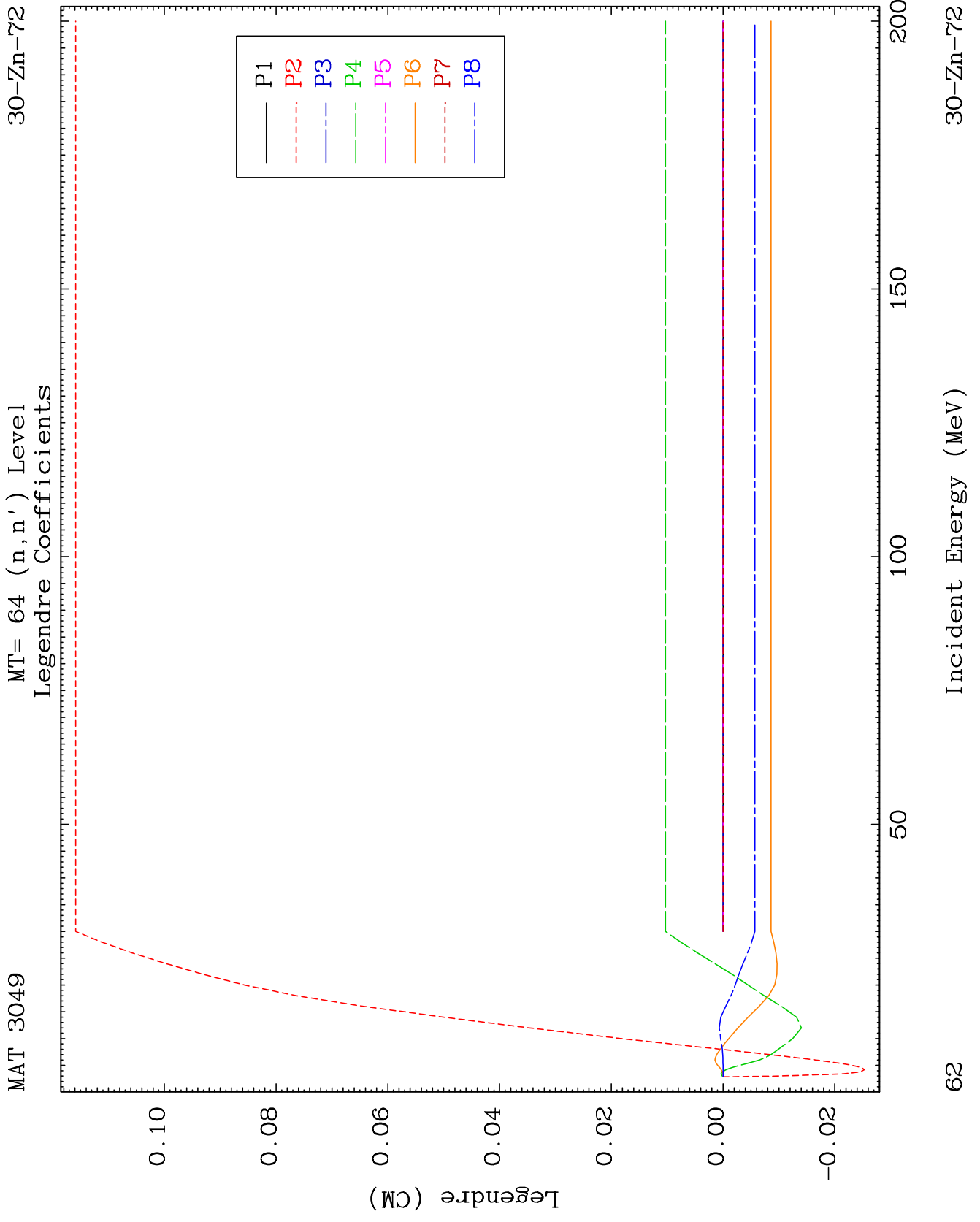
58

30-Zn-72





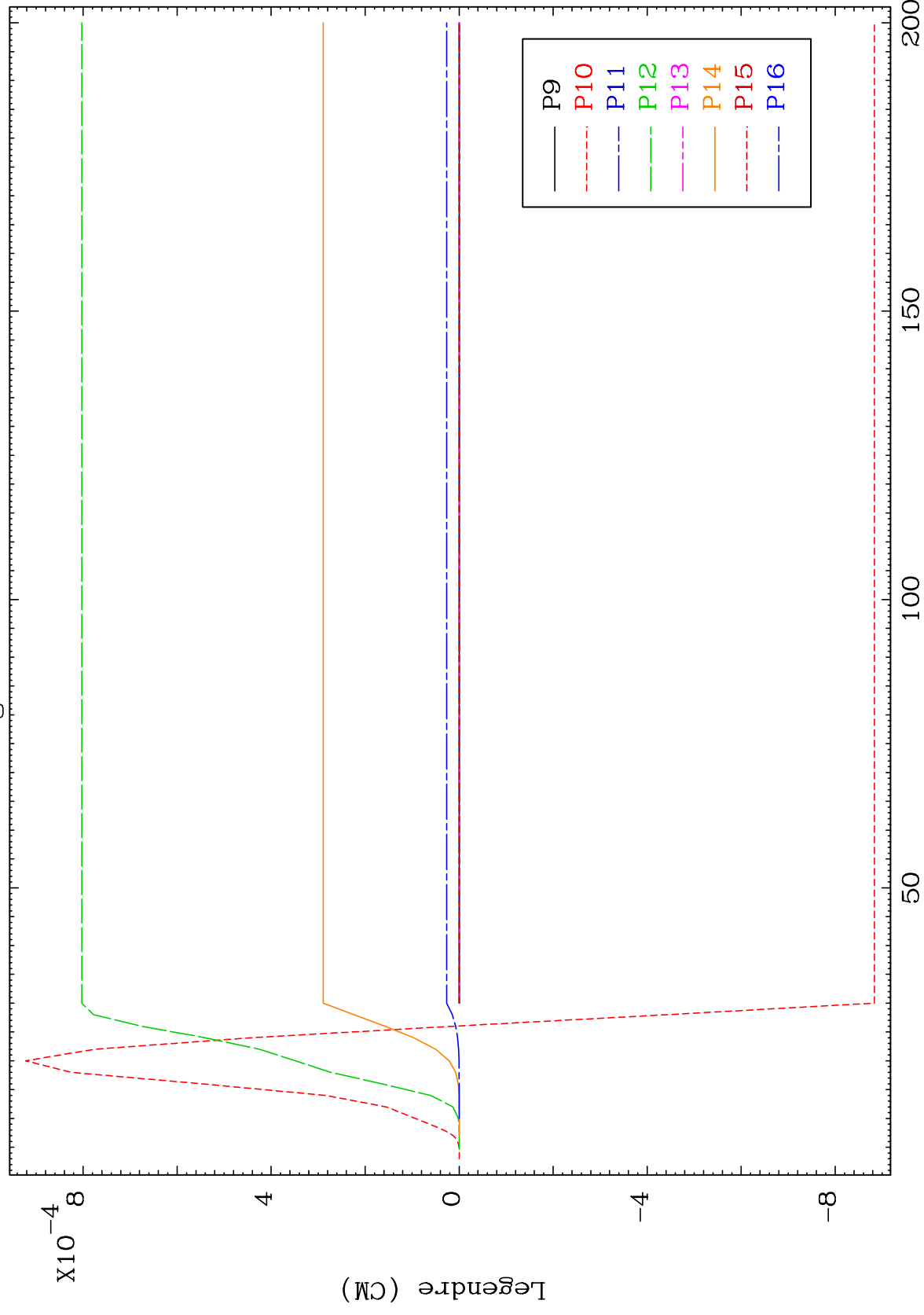




MAT 3049

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

30-Zn-72



63

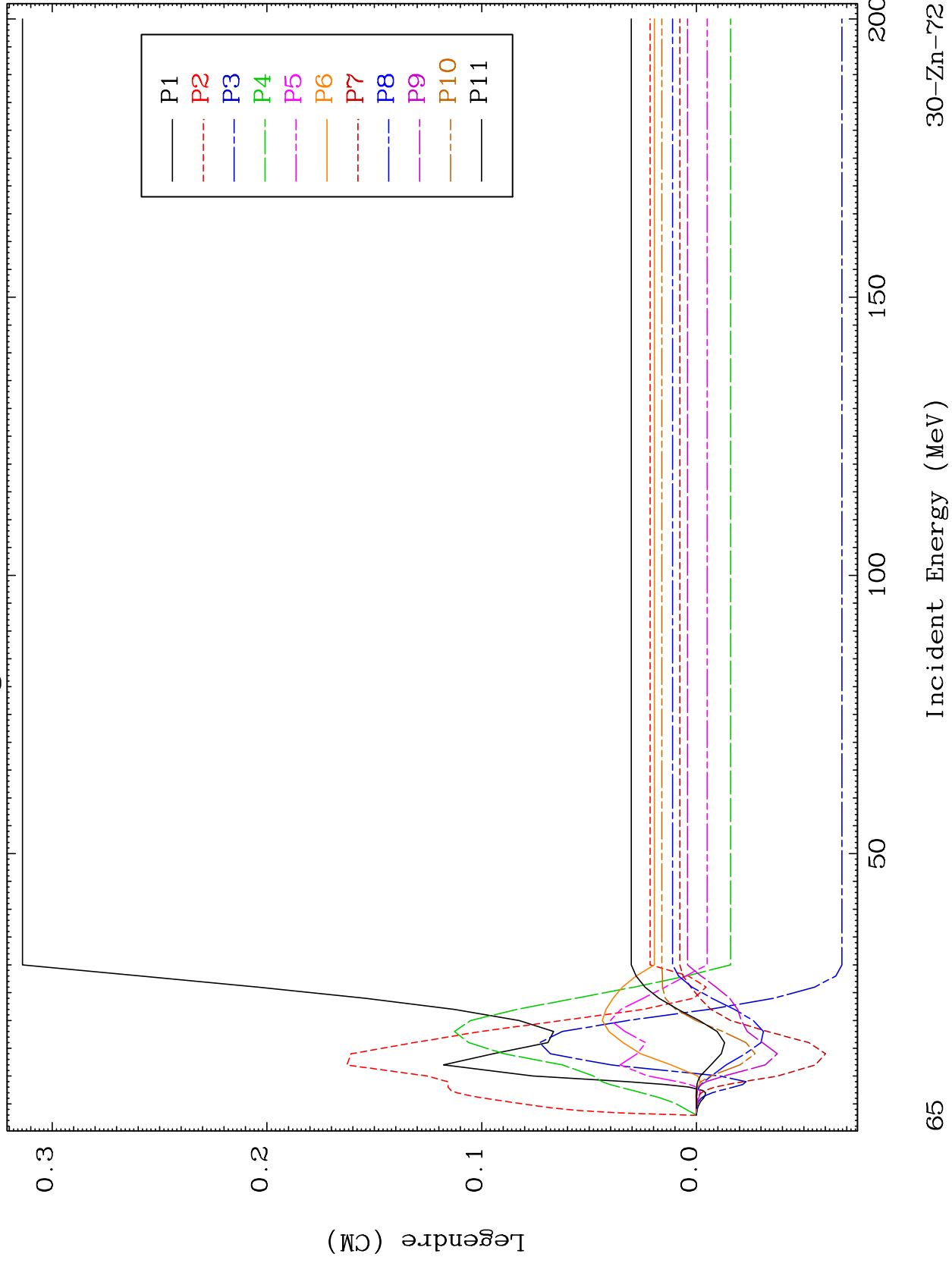
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



65

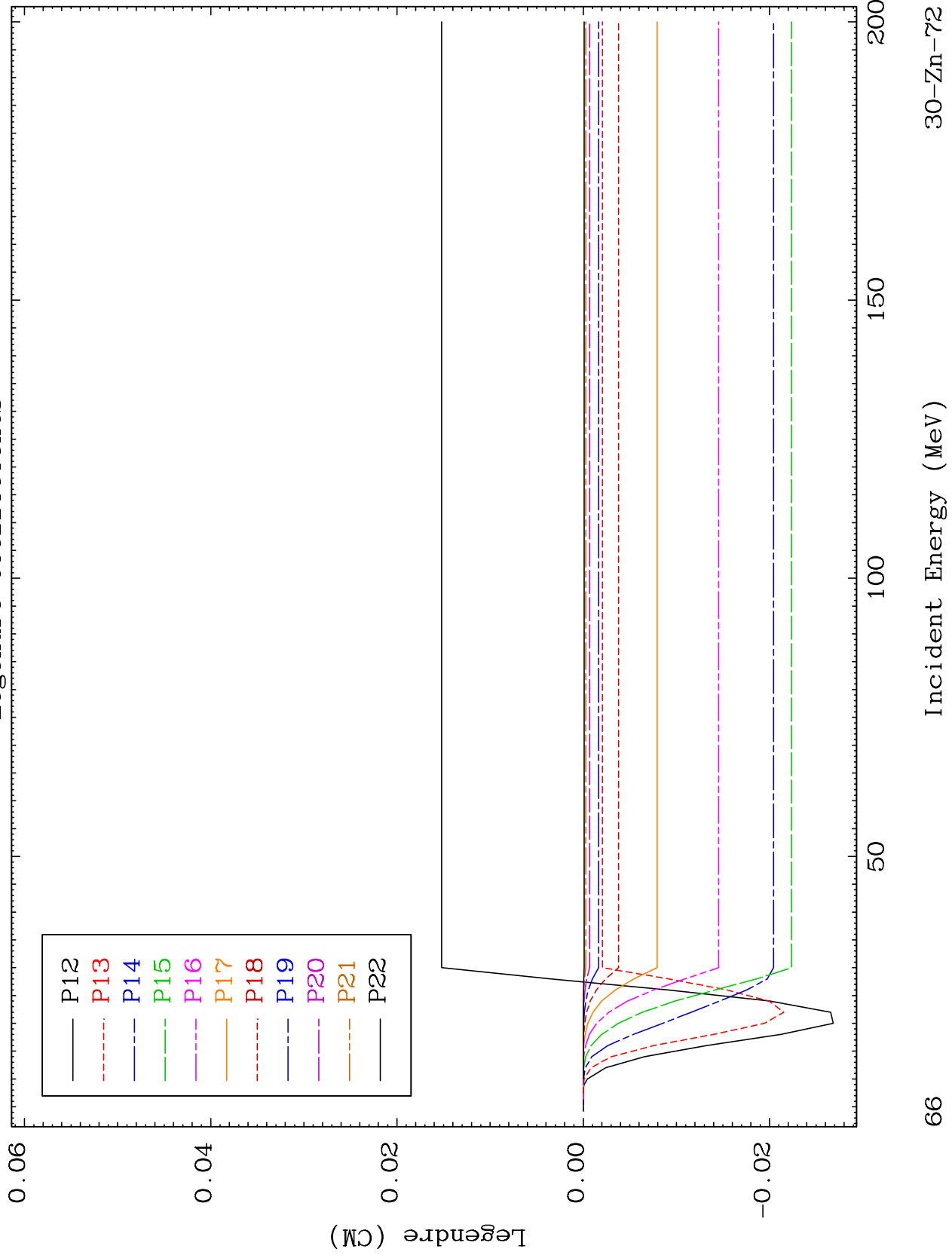
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

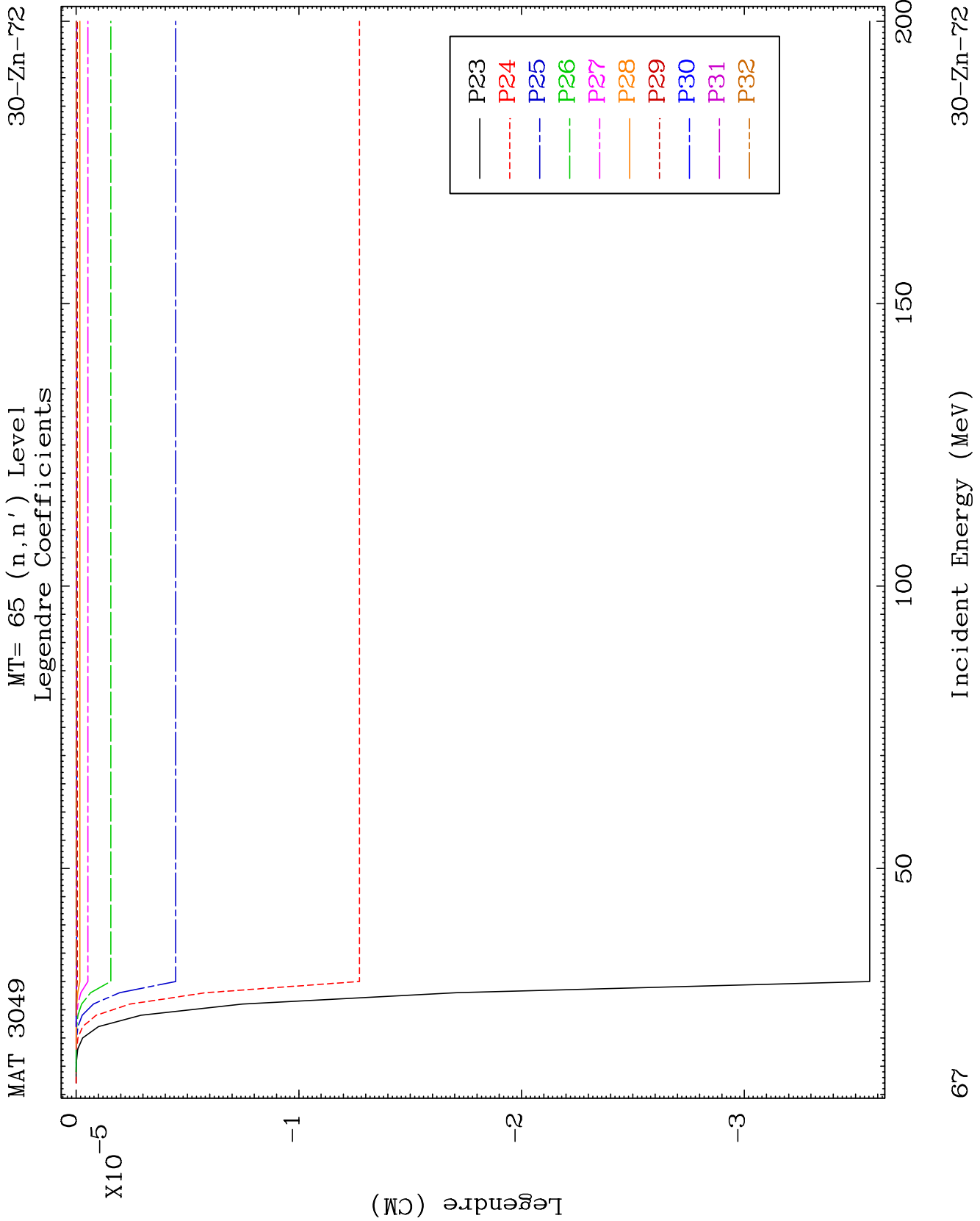
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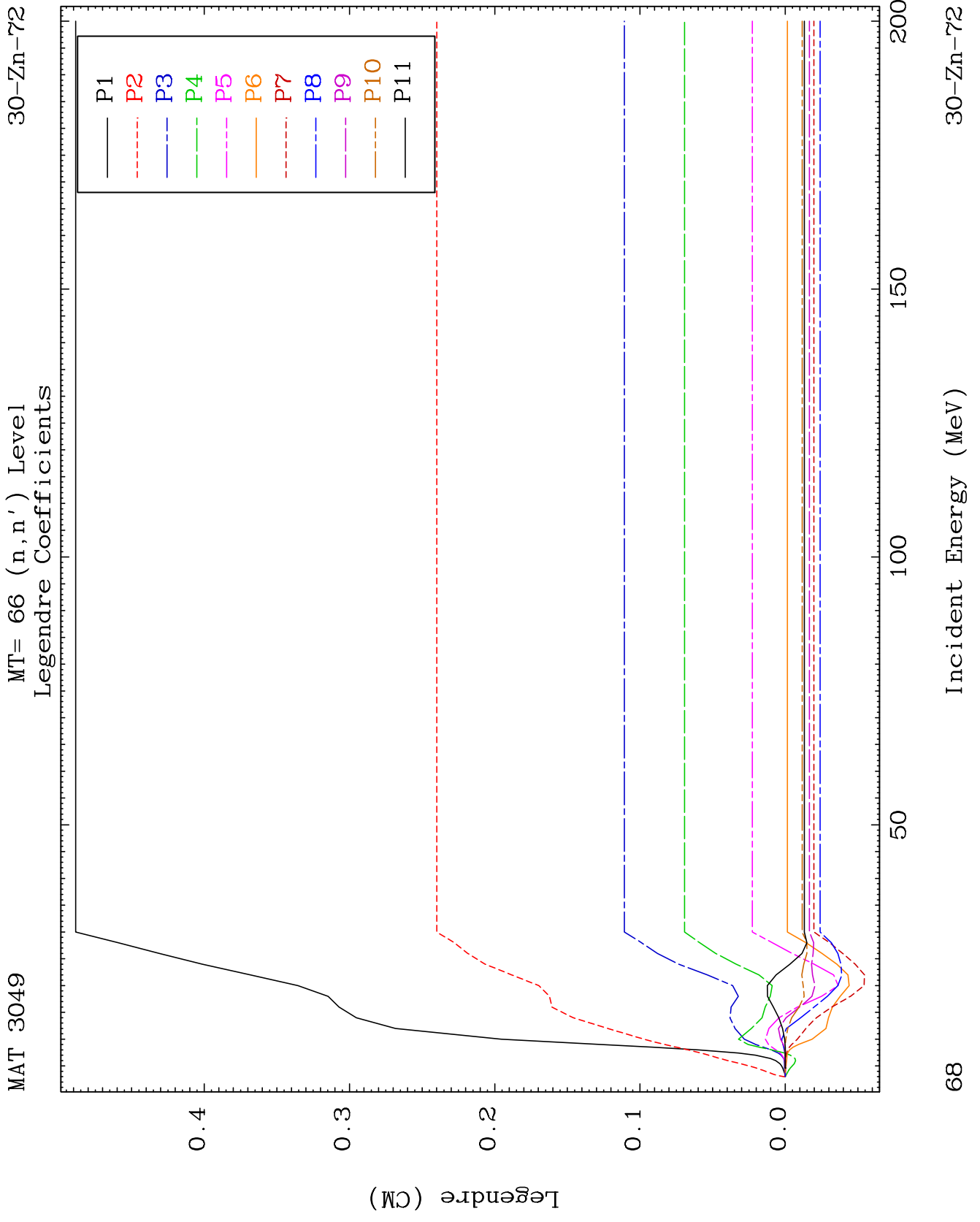


66

Incident Energy (MeV)

30-Zn-72

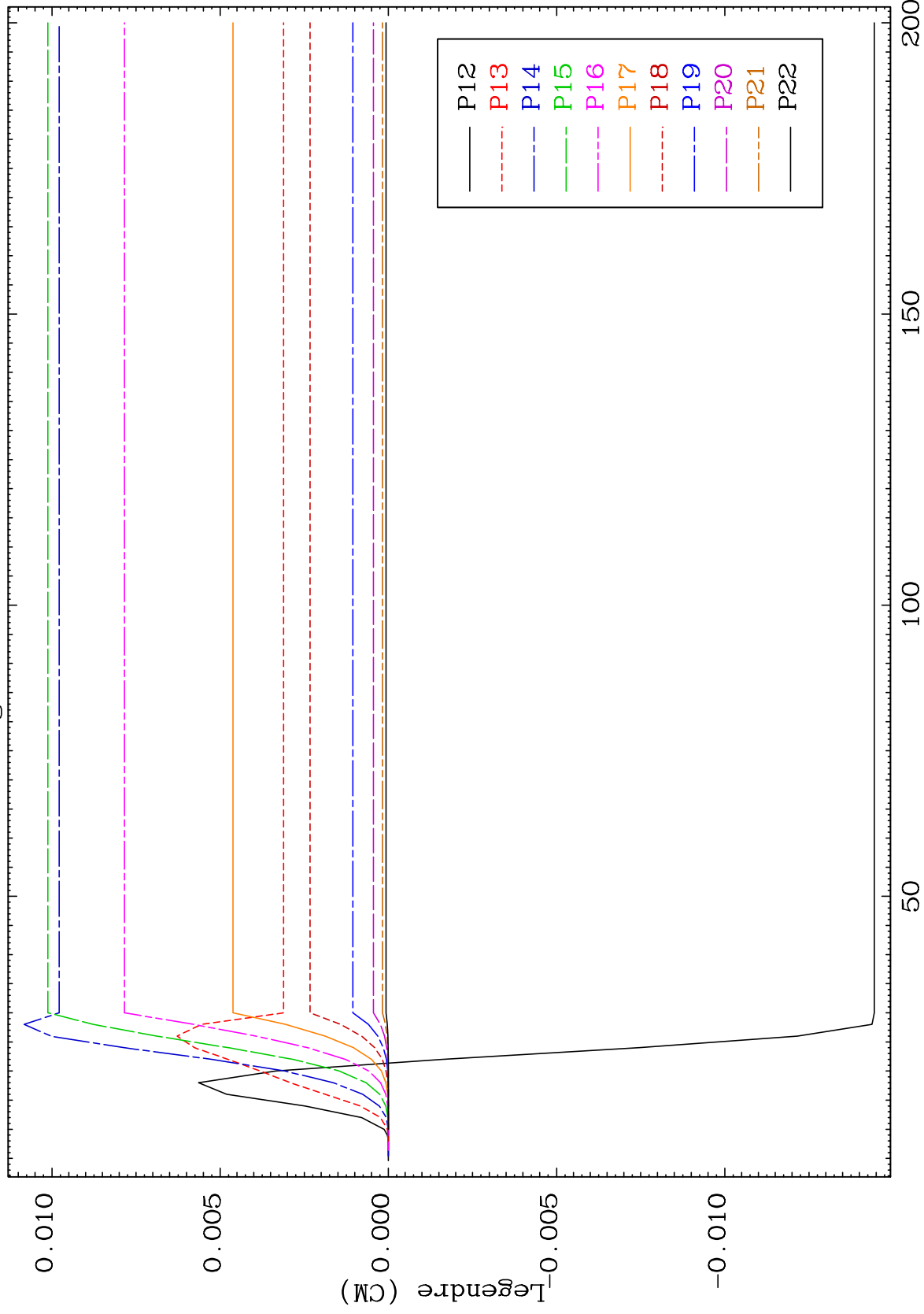




MAT 3049

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

30-Zn-72



69

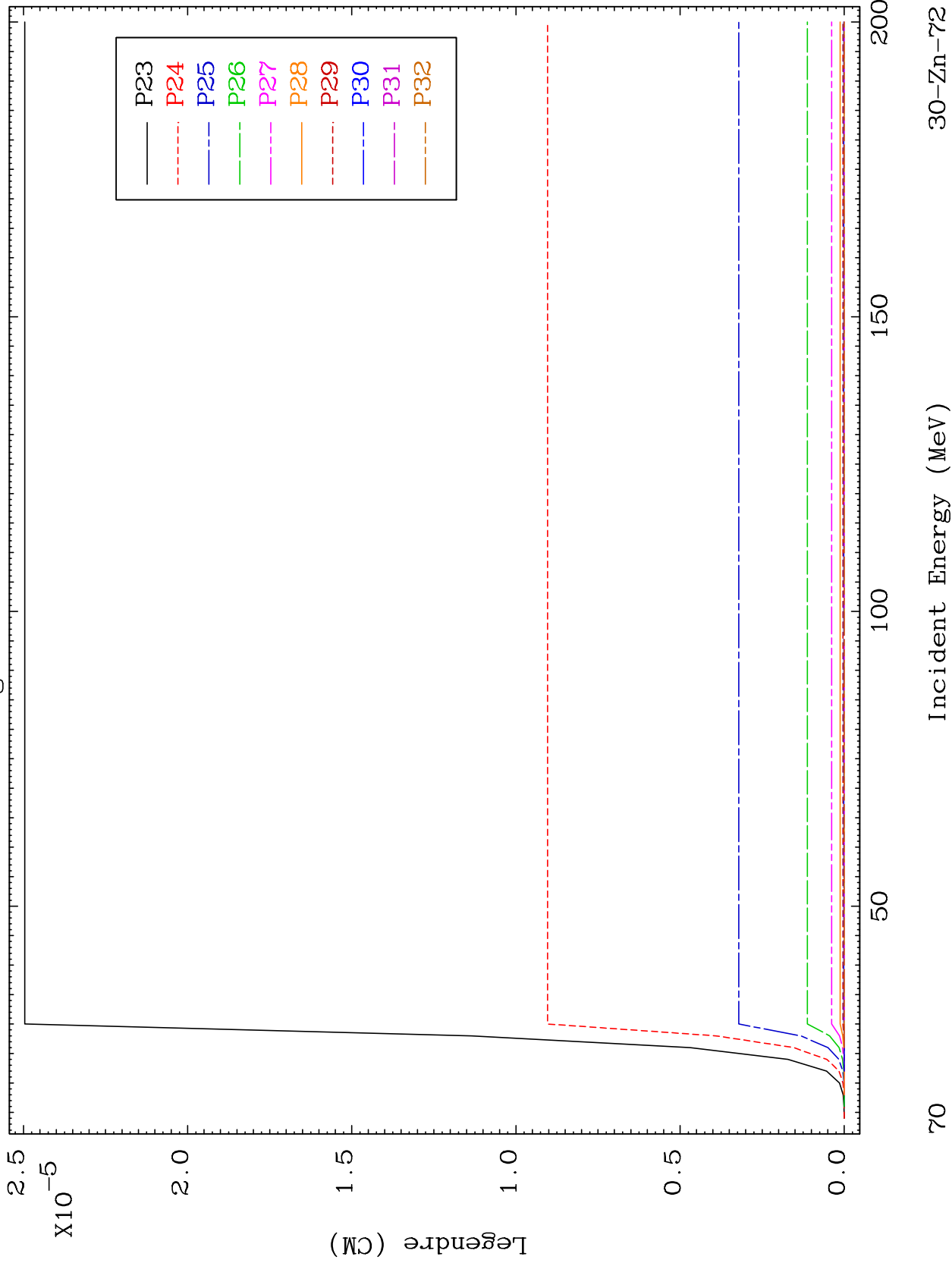
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

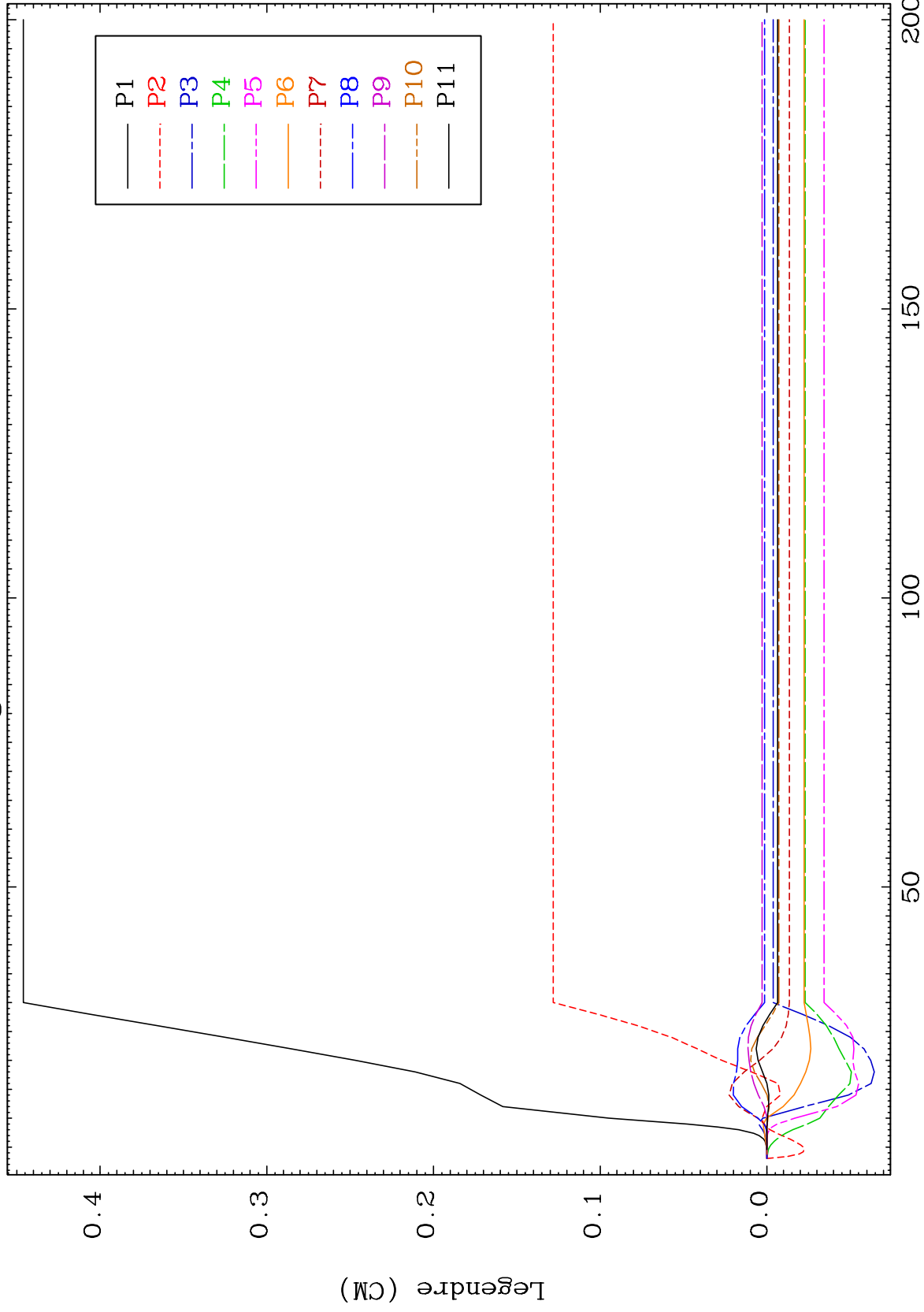
30-Zn-72



MAT 3049

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

30-Zn-72



71

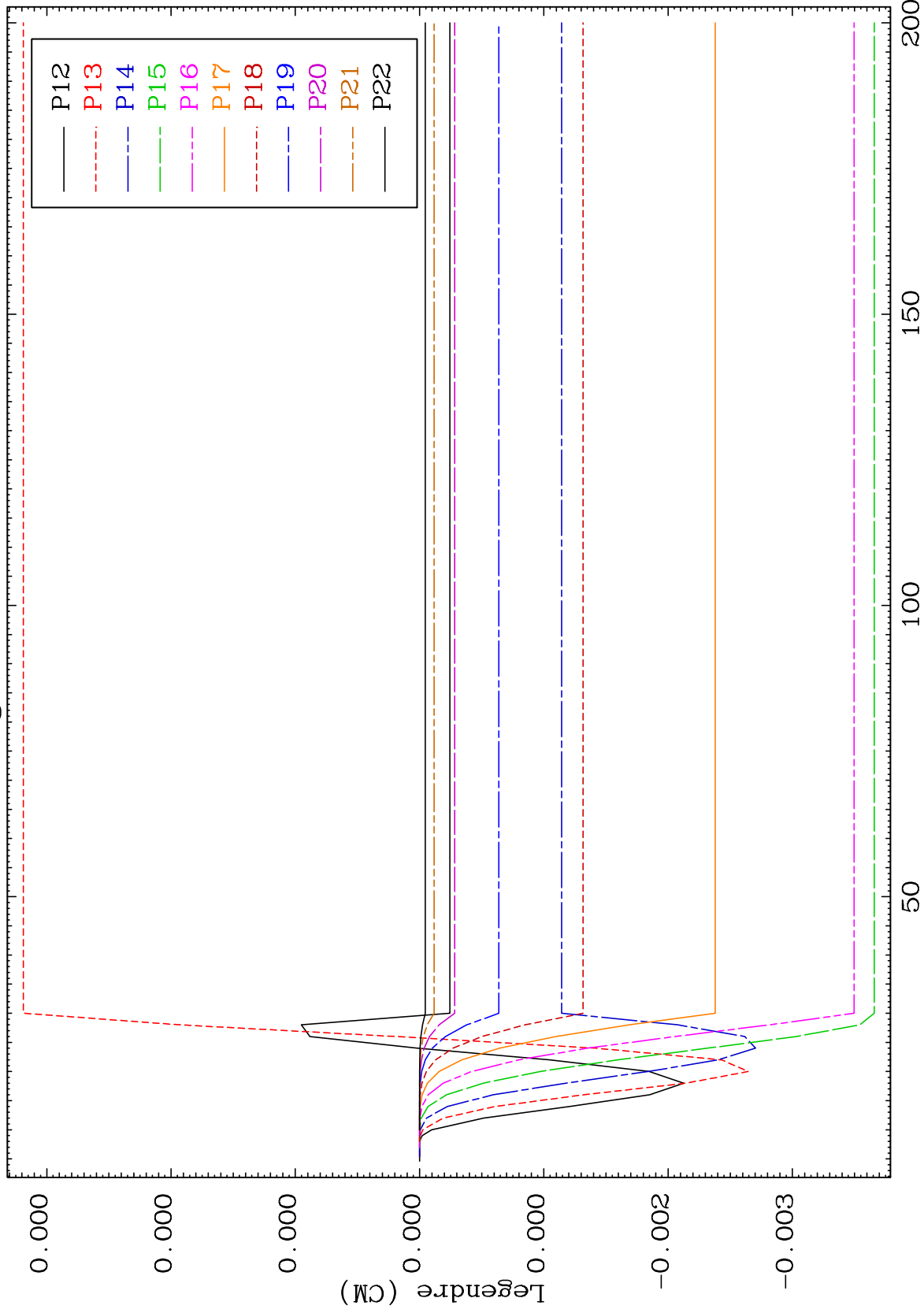
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

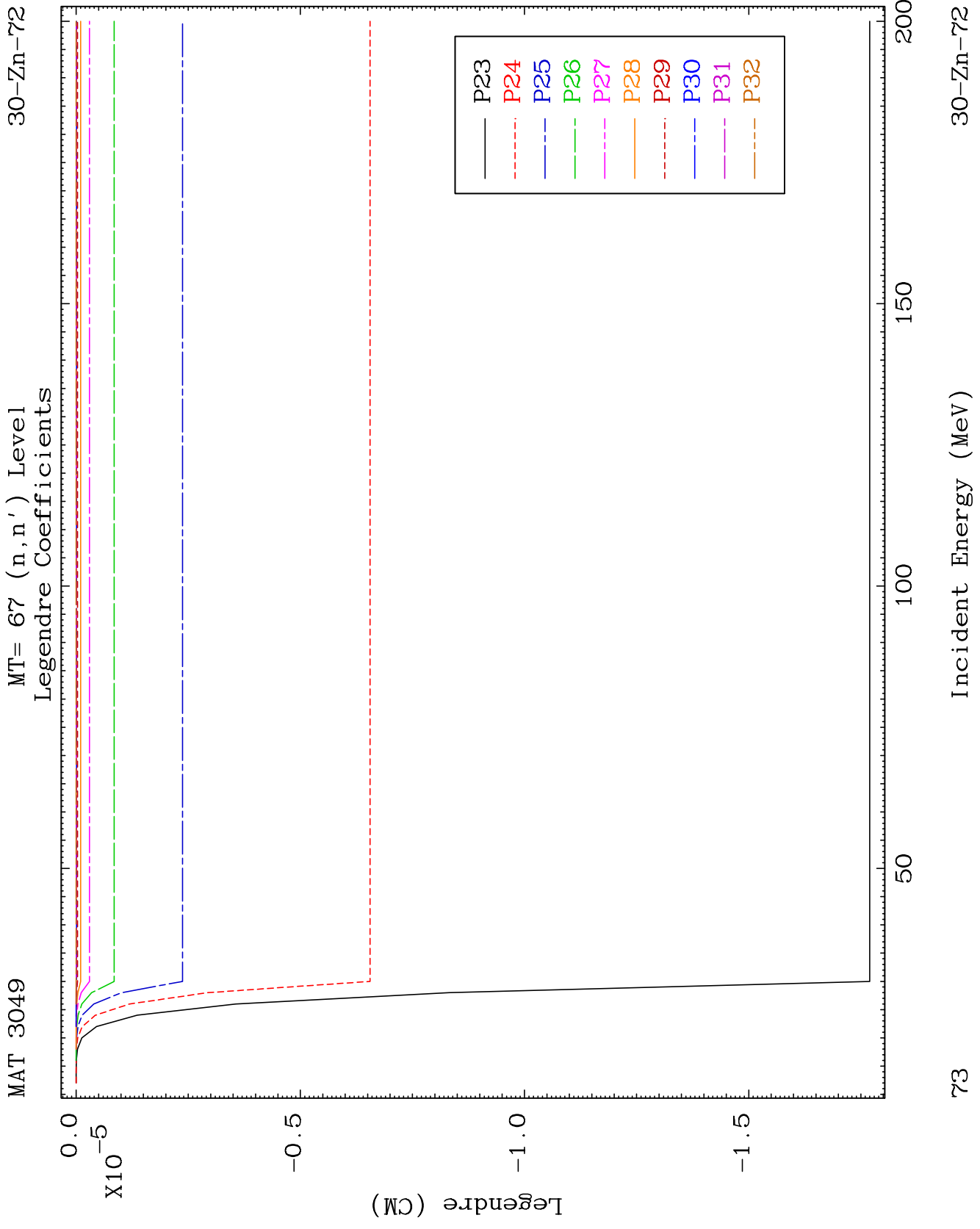
30-Zn-72



72

Incident Energy (MeV)

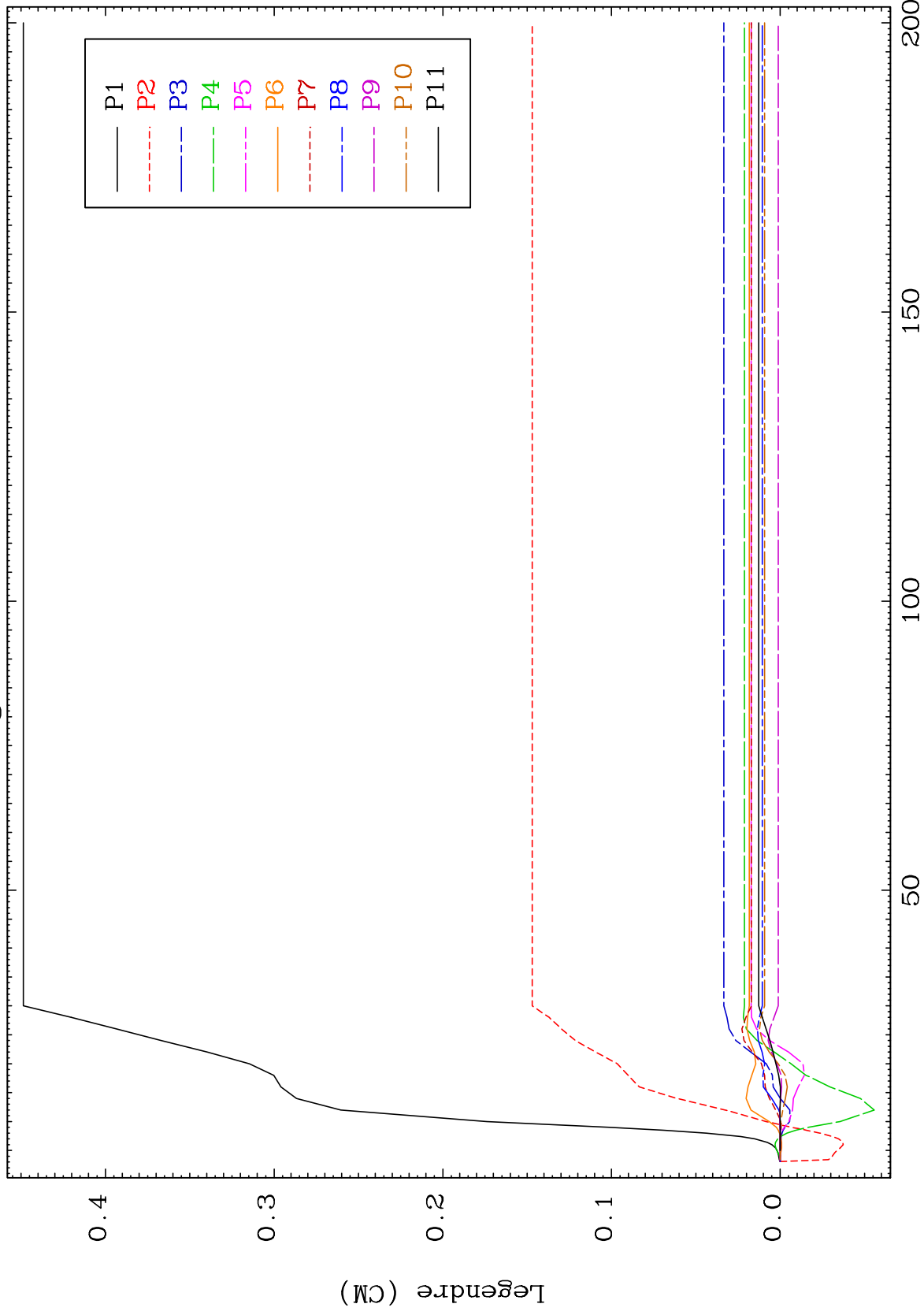
30-Zn-72



MAT 3049

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

30-Zn-72



74

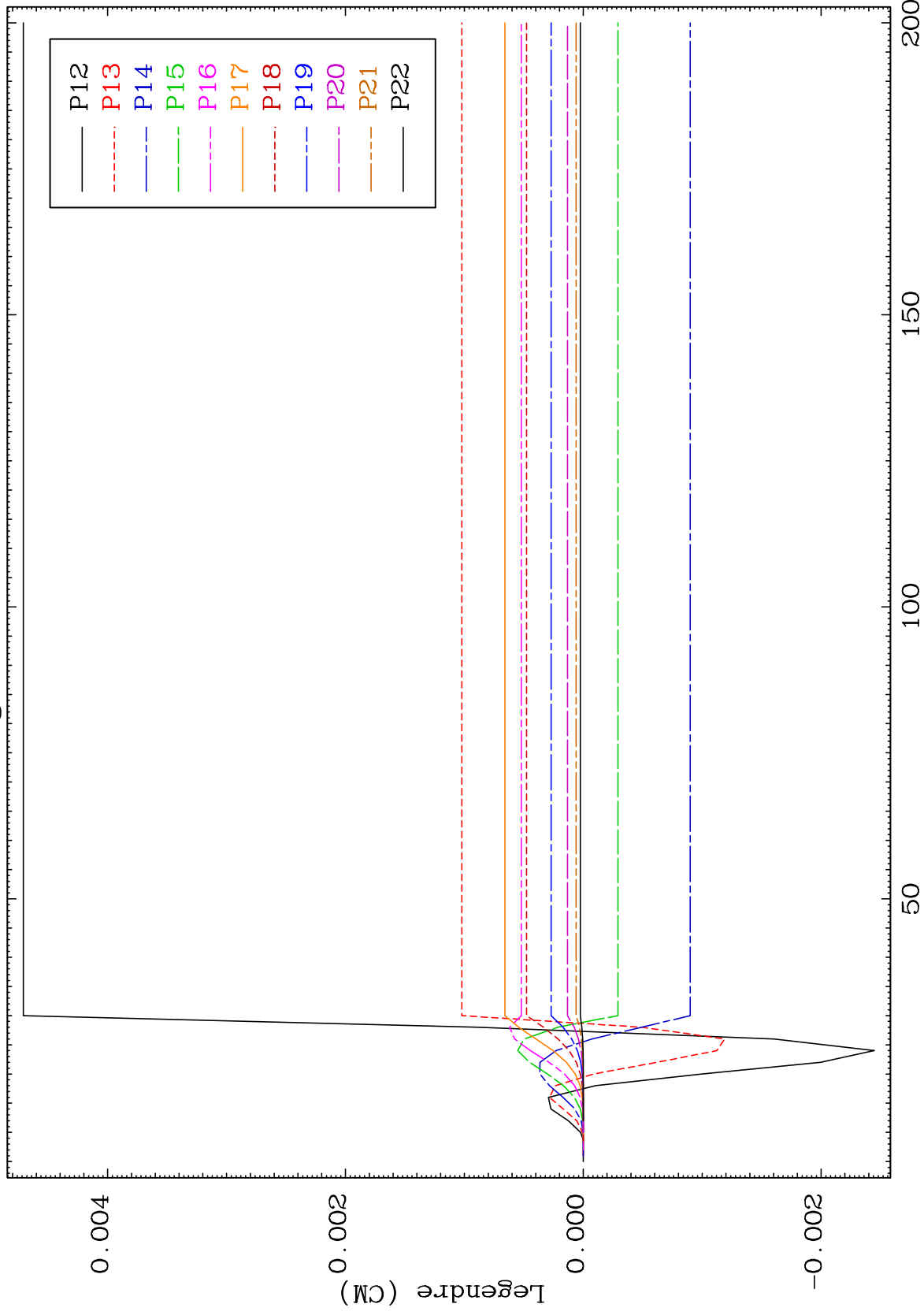
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



75

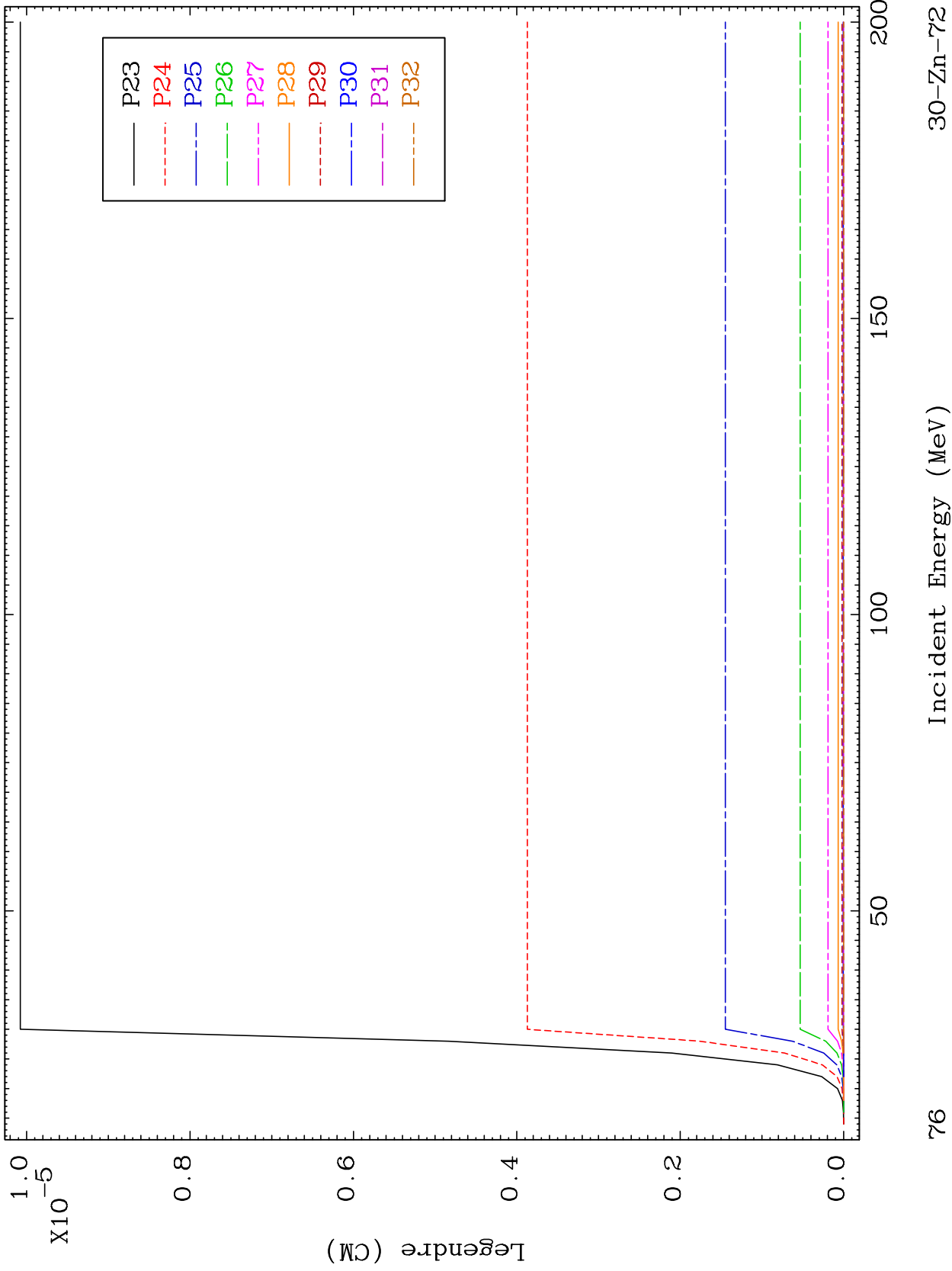
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

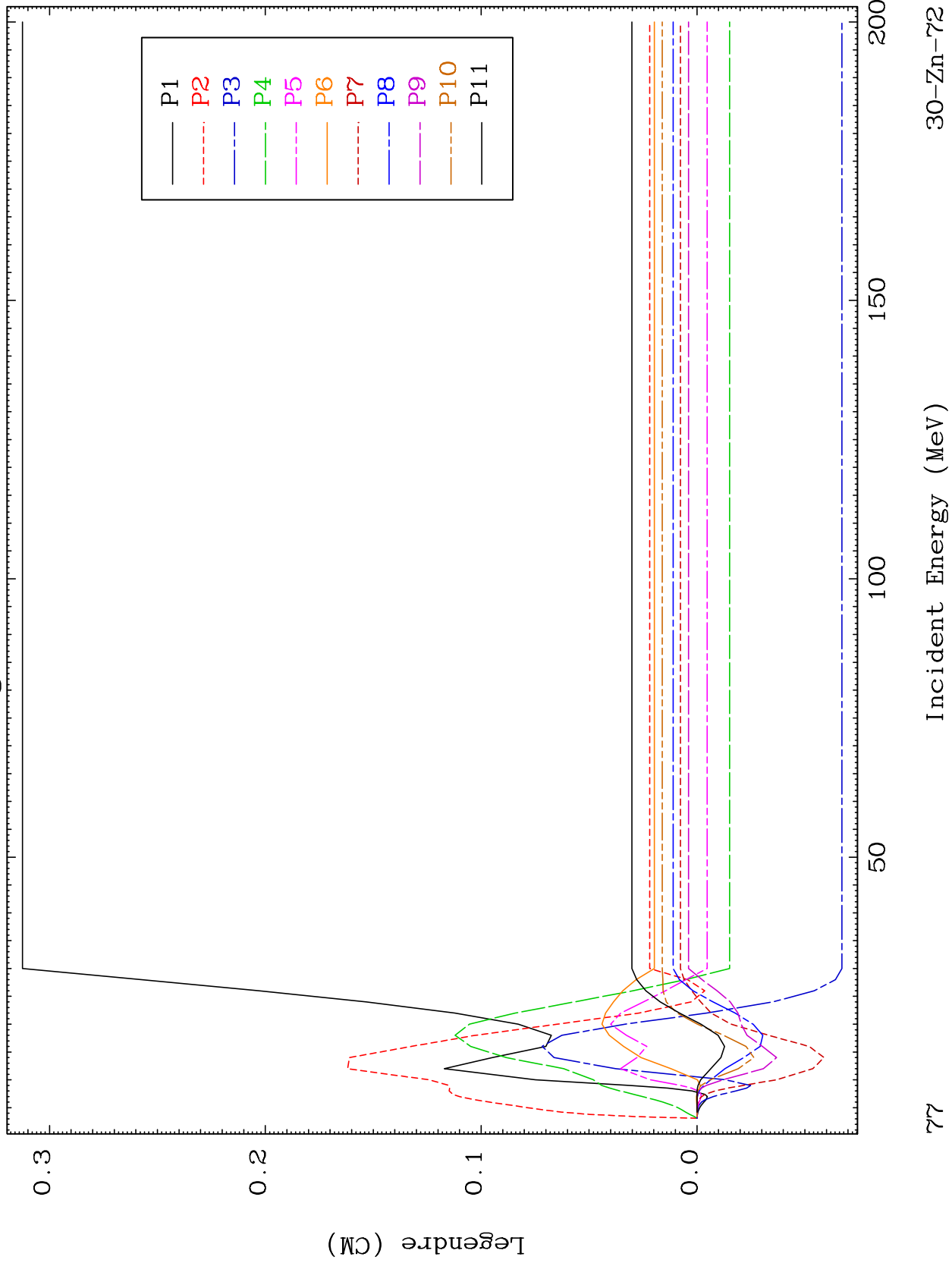
30-Zn-72



MAT 3049

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

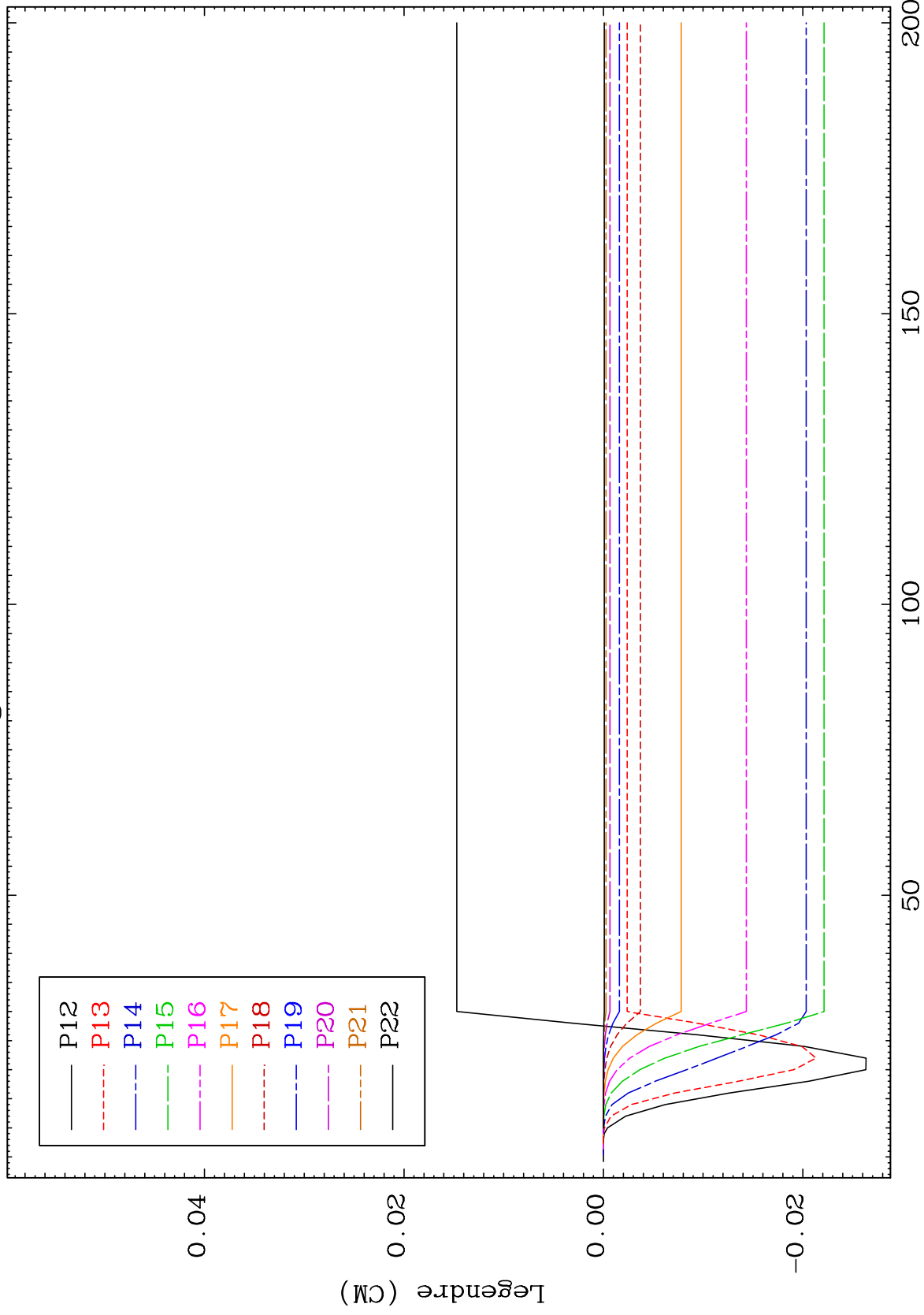
30-Zn-72



MAT 3049

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

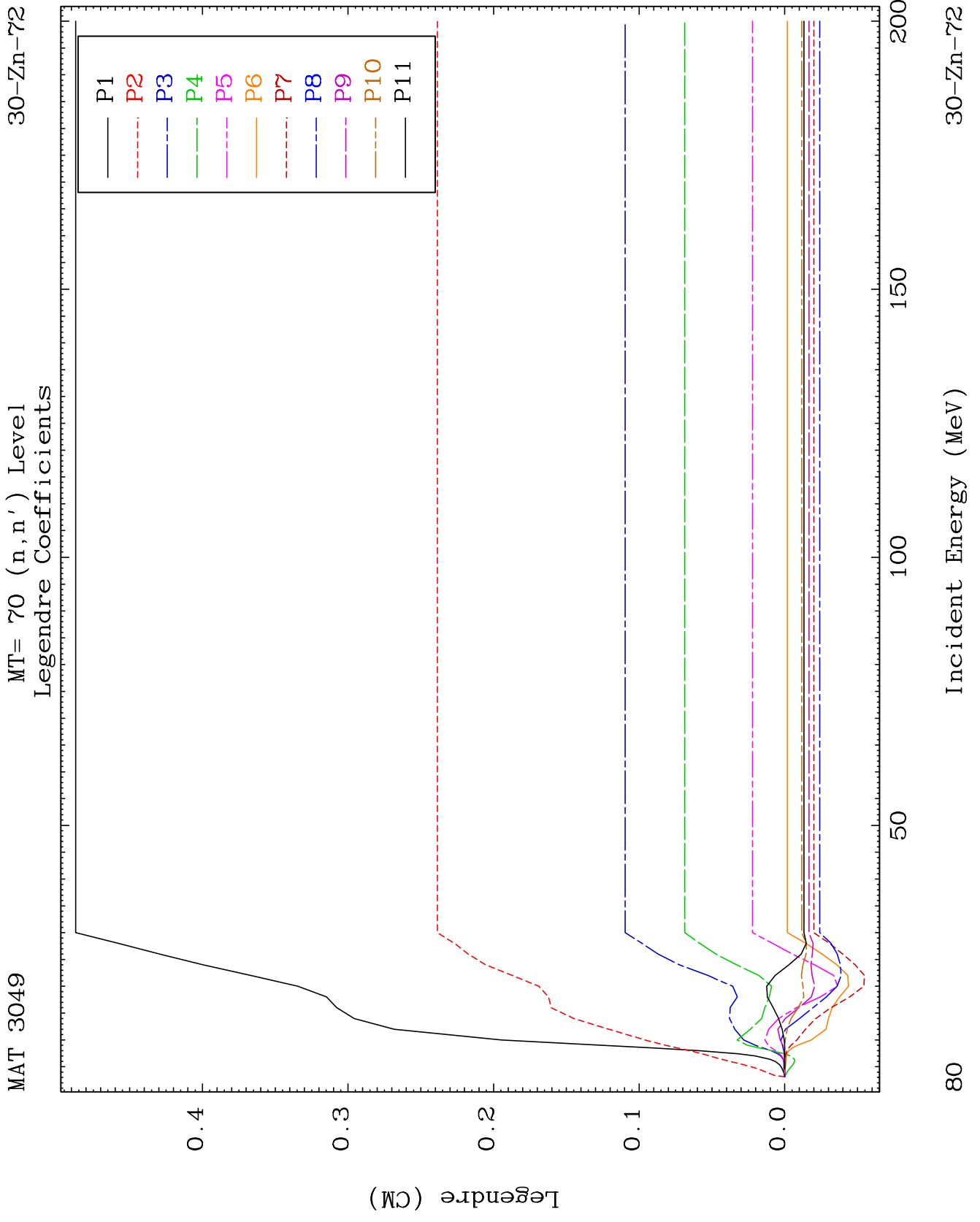
30-Zn-72



78

Incident Energy (MeV)

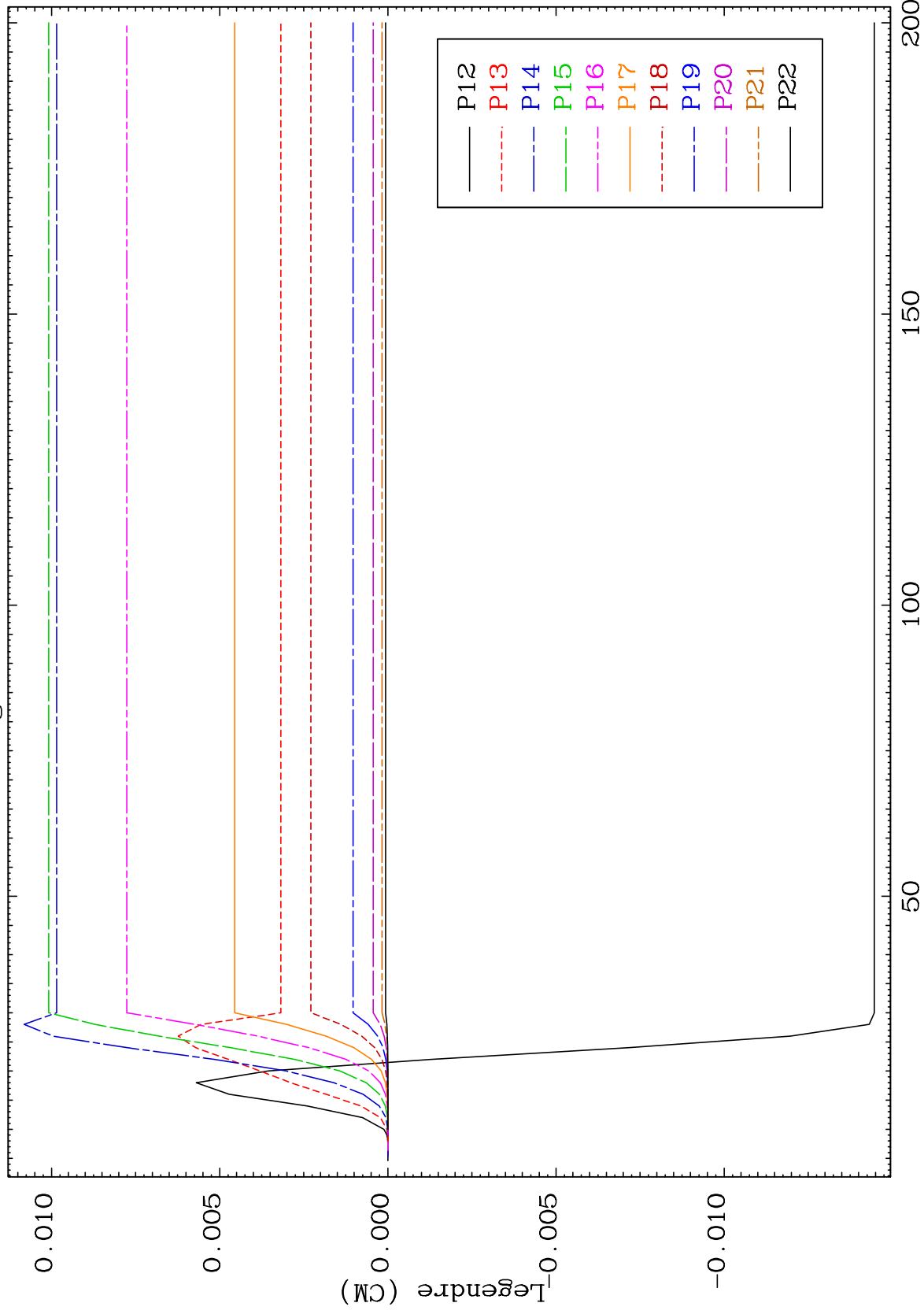
30-Zn-72



MAT 3049

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

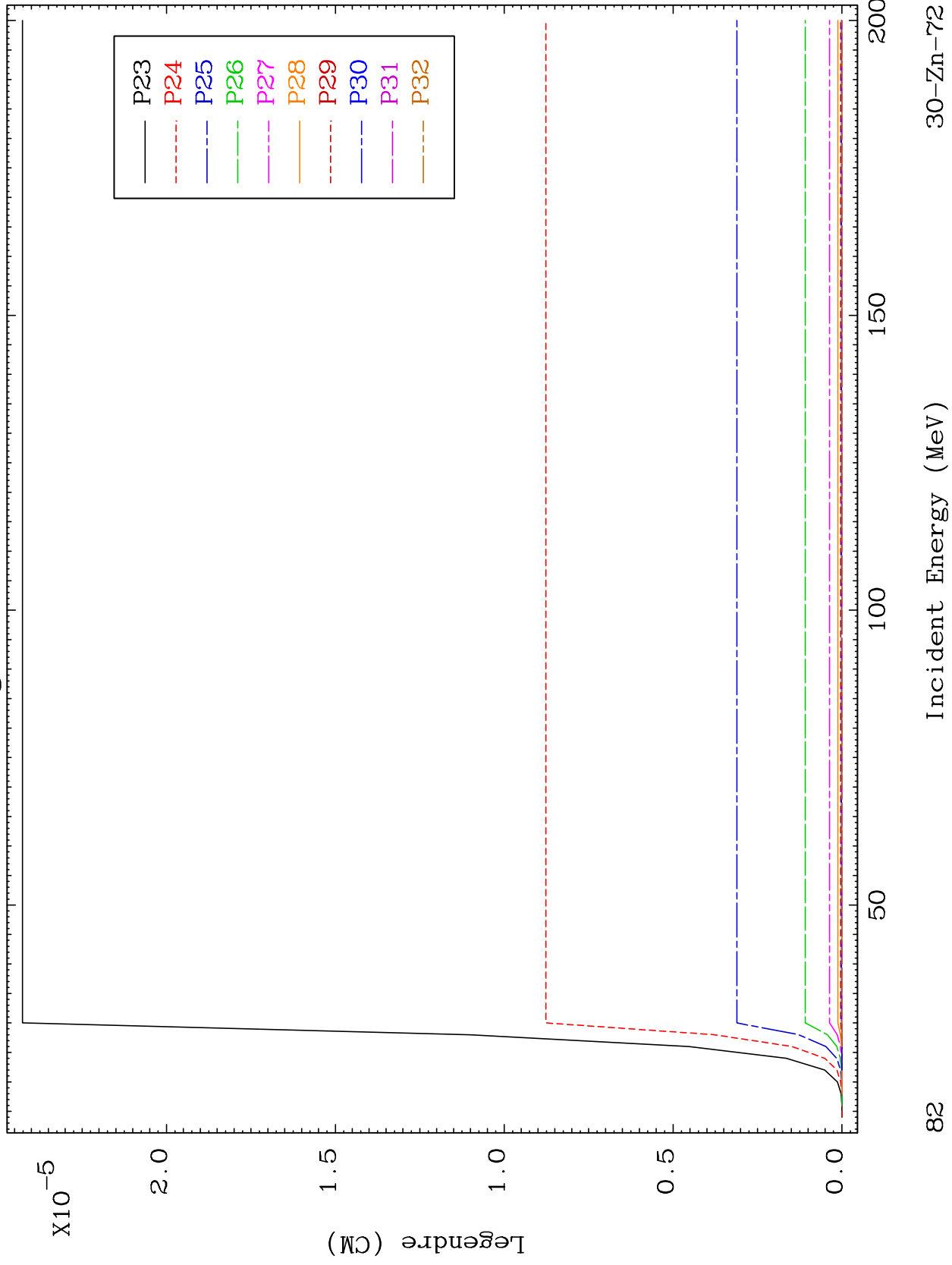
30-Zn-72



MAT 3049

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

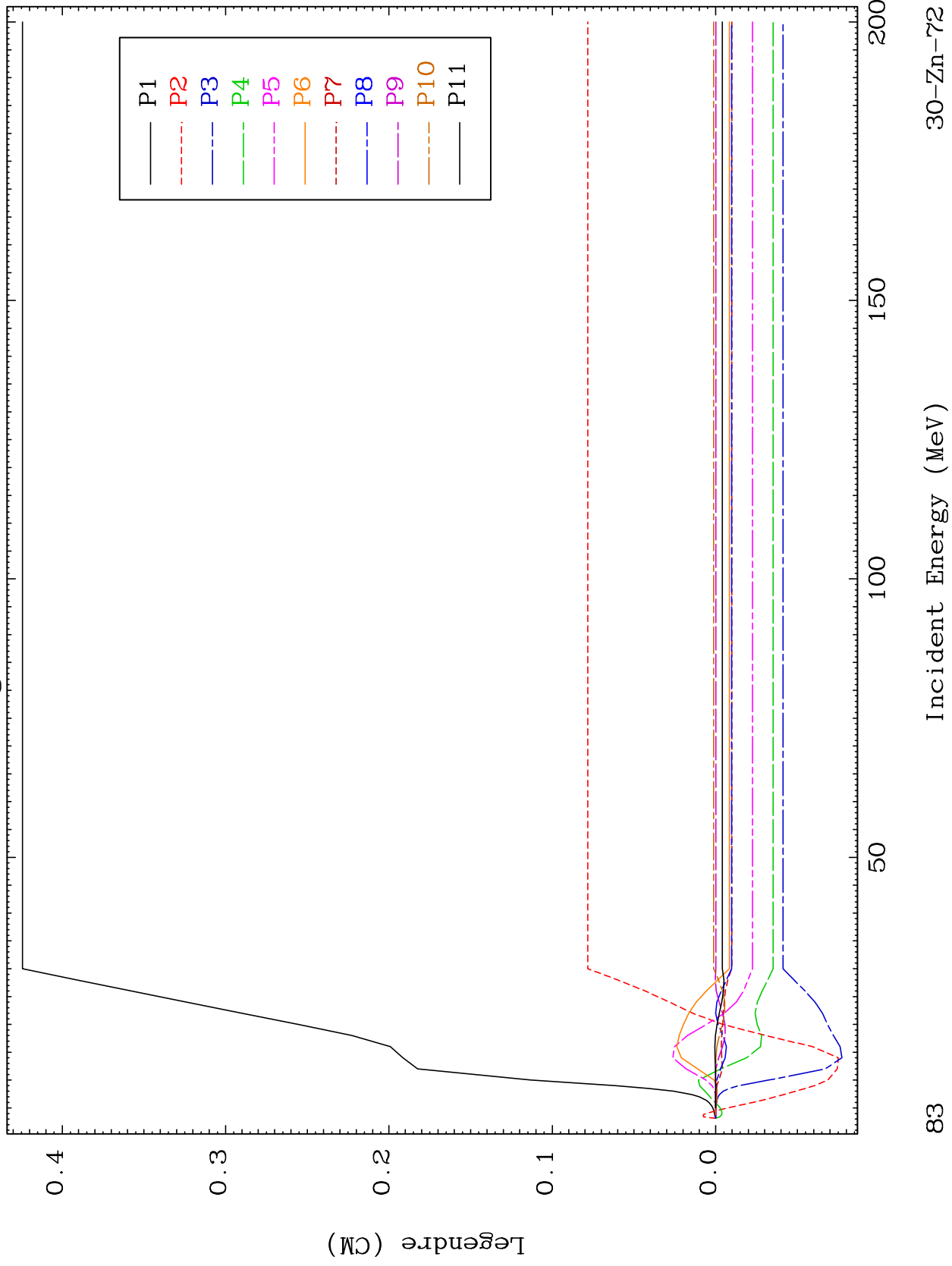
30-Zn-72



MAT 3049

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

30-Zn-72



83

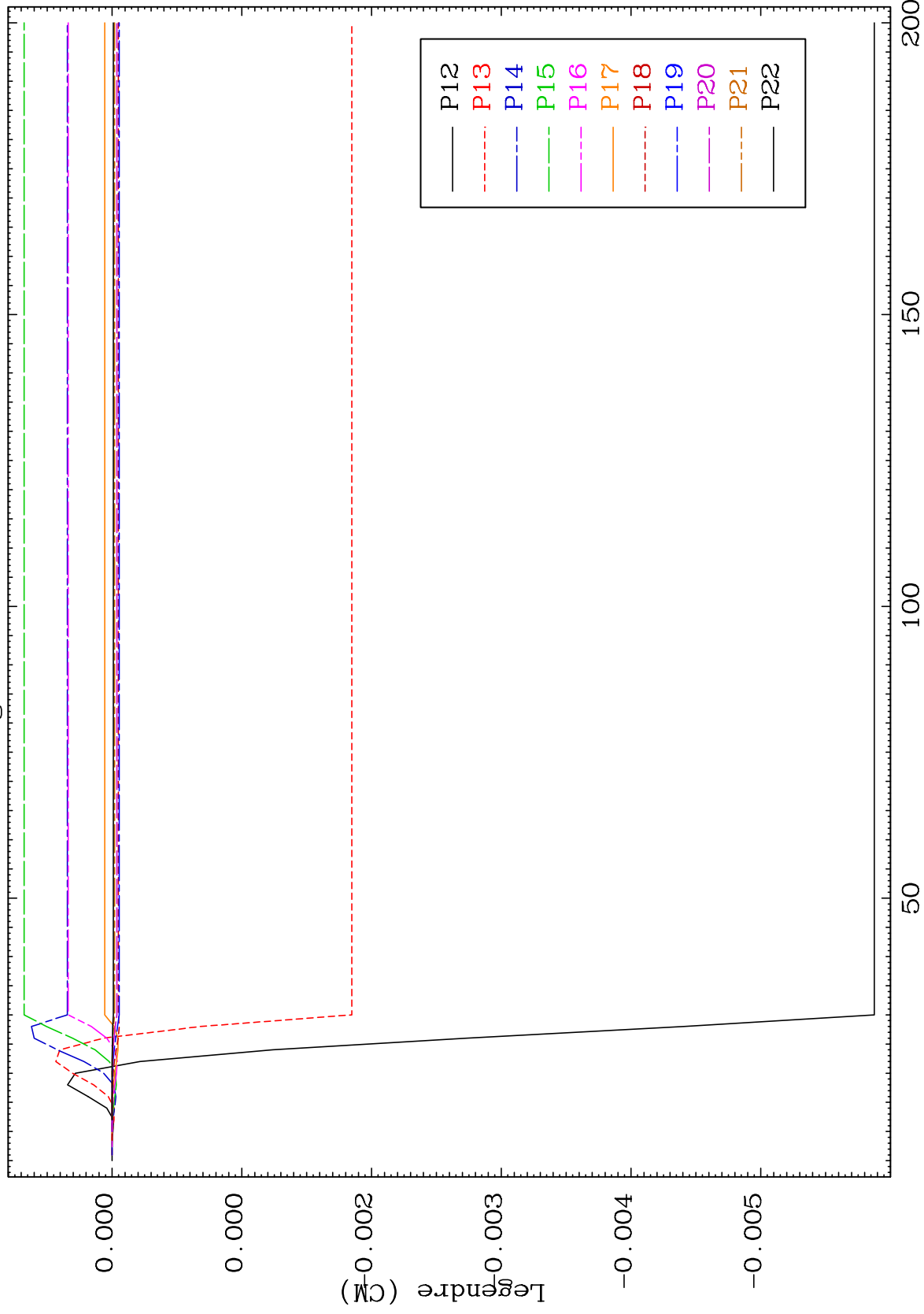
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

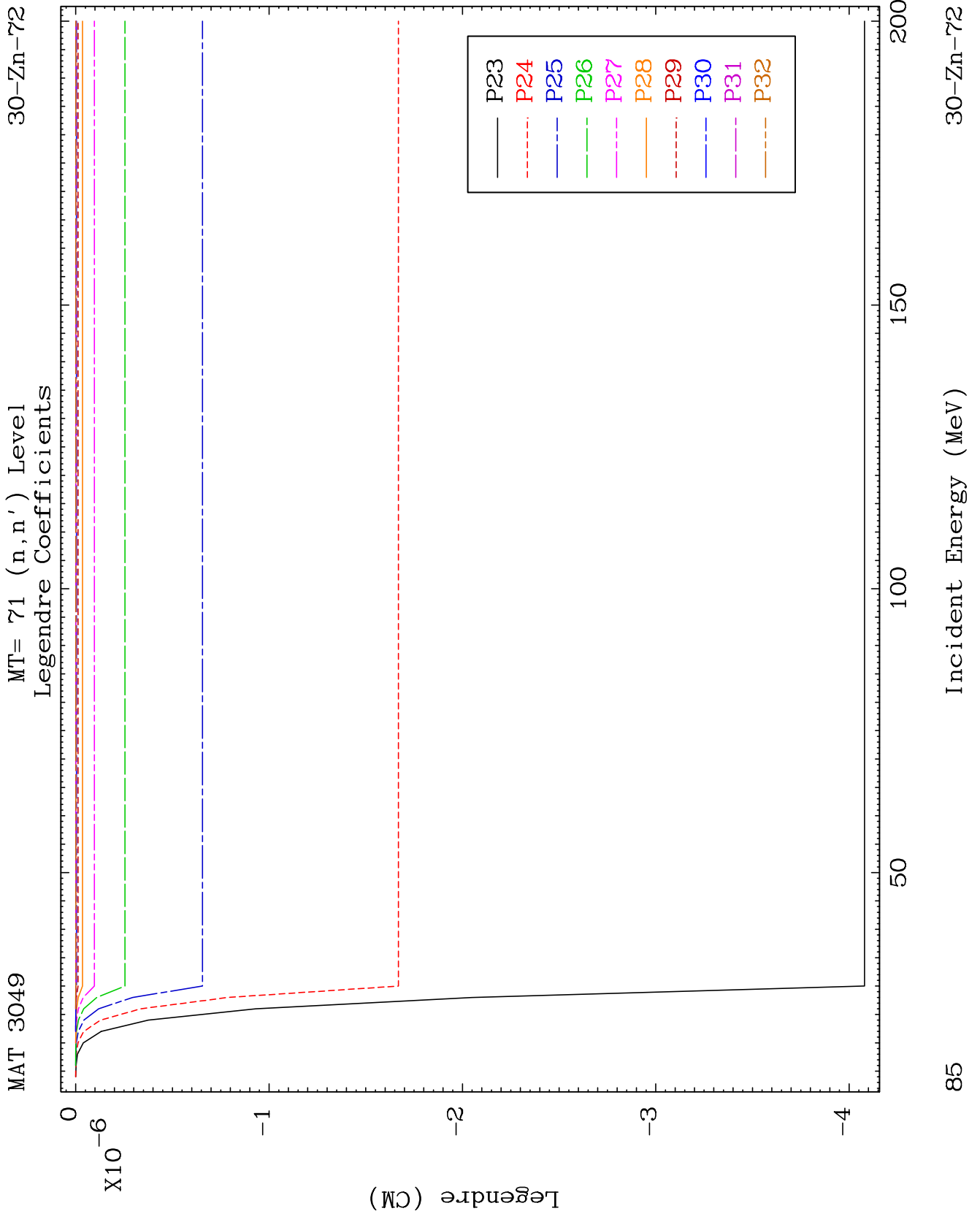
30-Zn-72



84

Incident Energy (MeV)

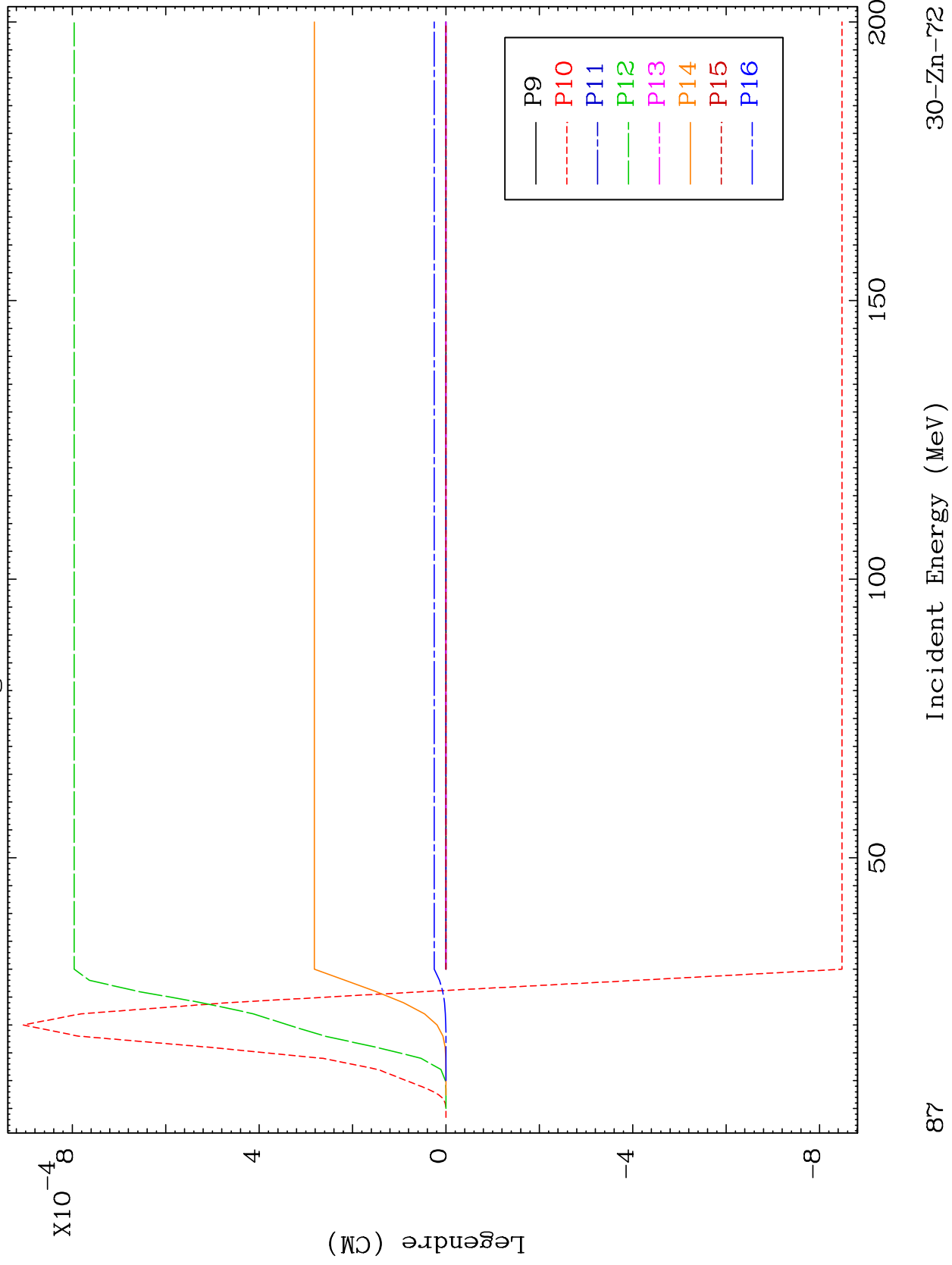
30-Zn-72



MAT 3049

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

30-Zn-72



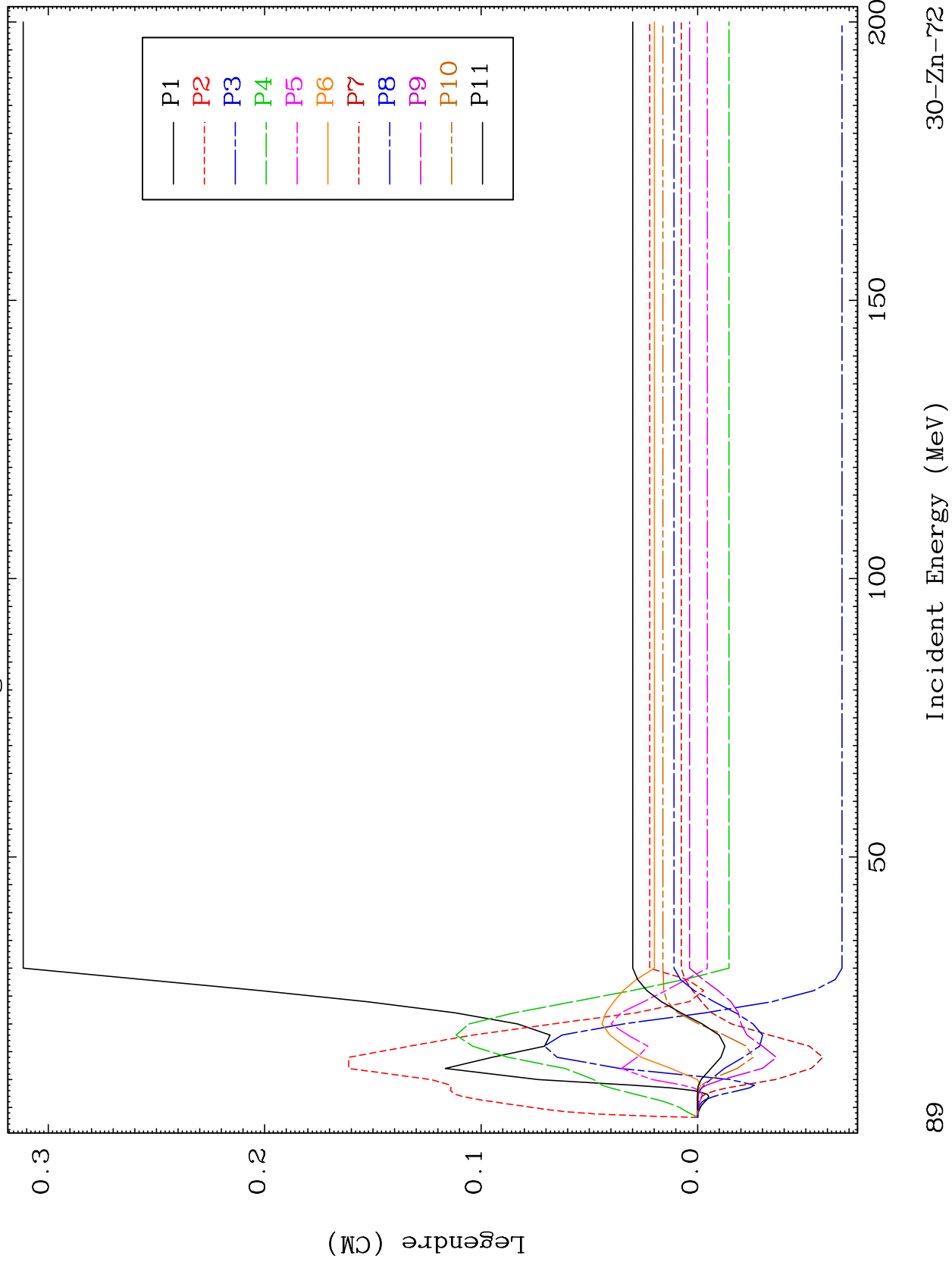
87

30-Zn-72

MAT 3049

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

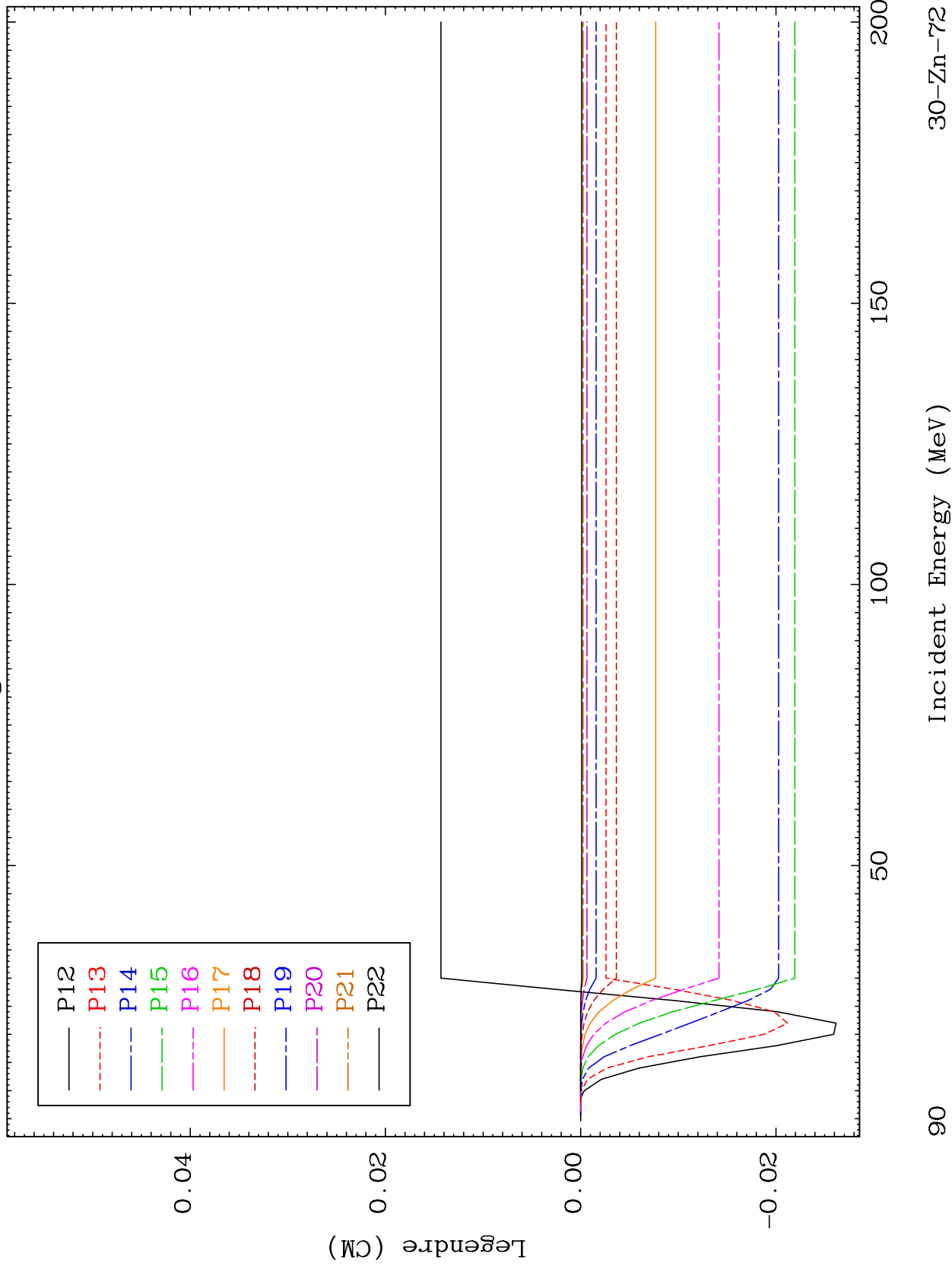
30-Zn-72



MAT 3049

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

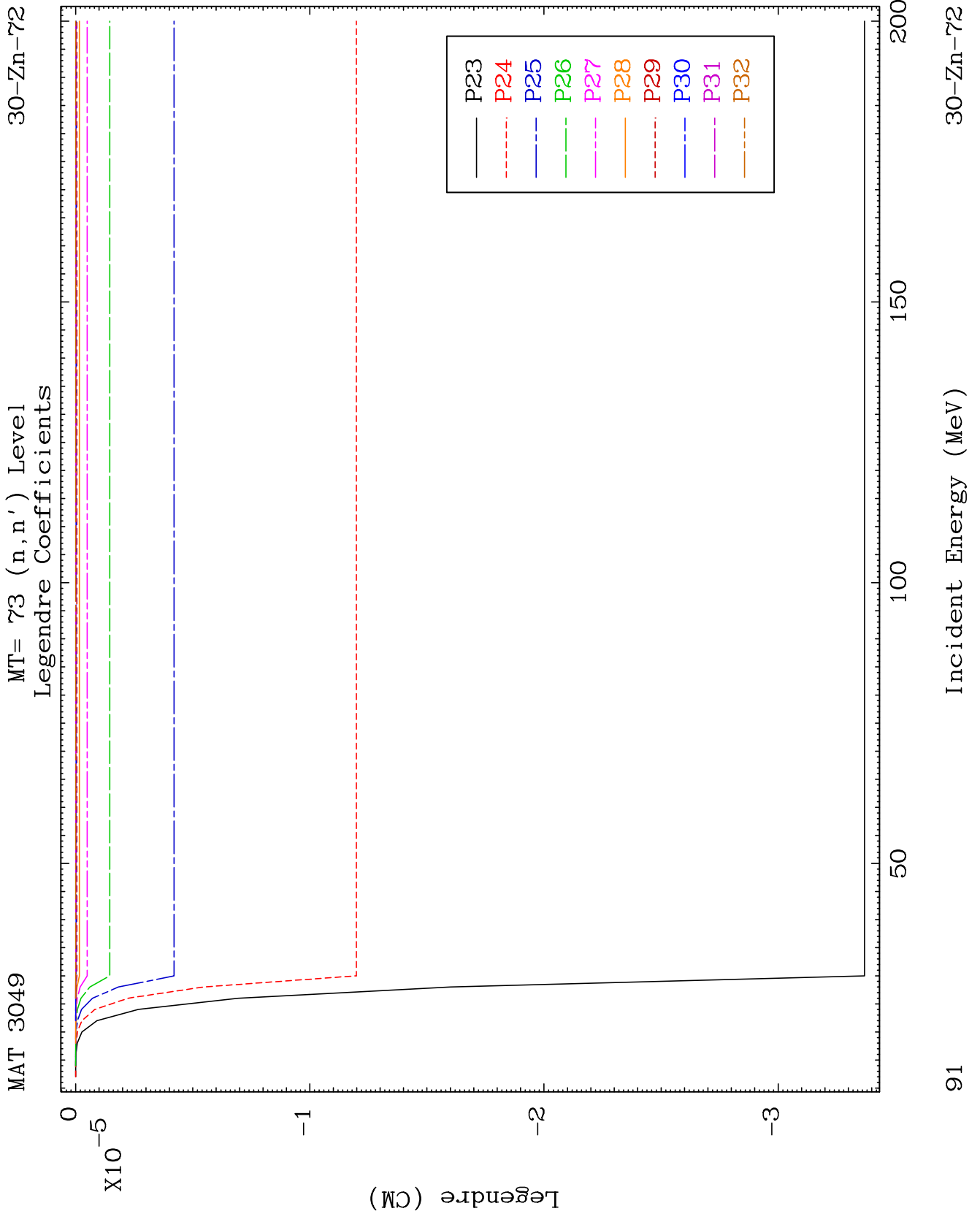
30-Zn-72

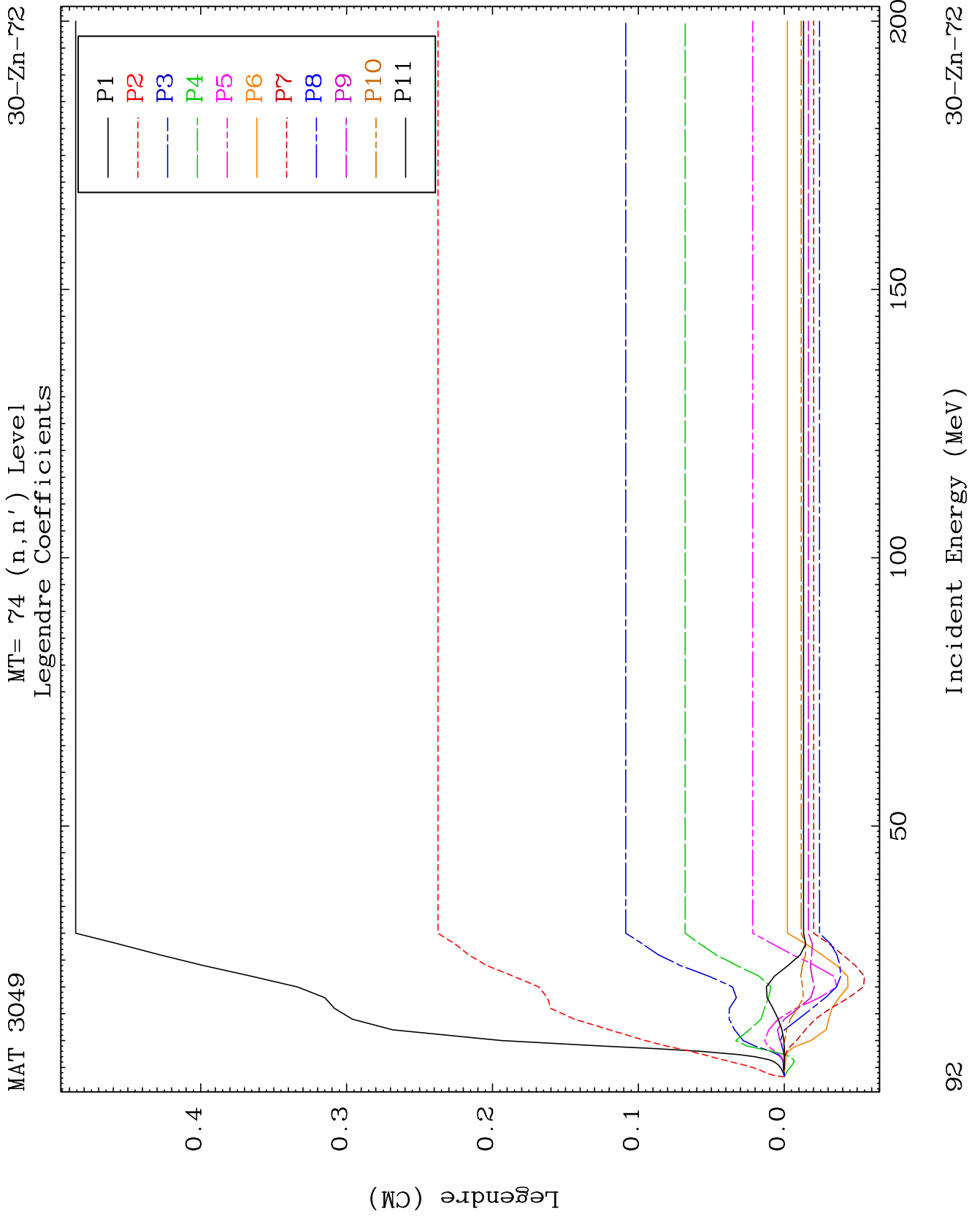


90

Incident Energy (MeV)

30-Zn-72

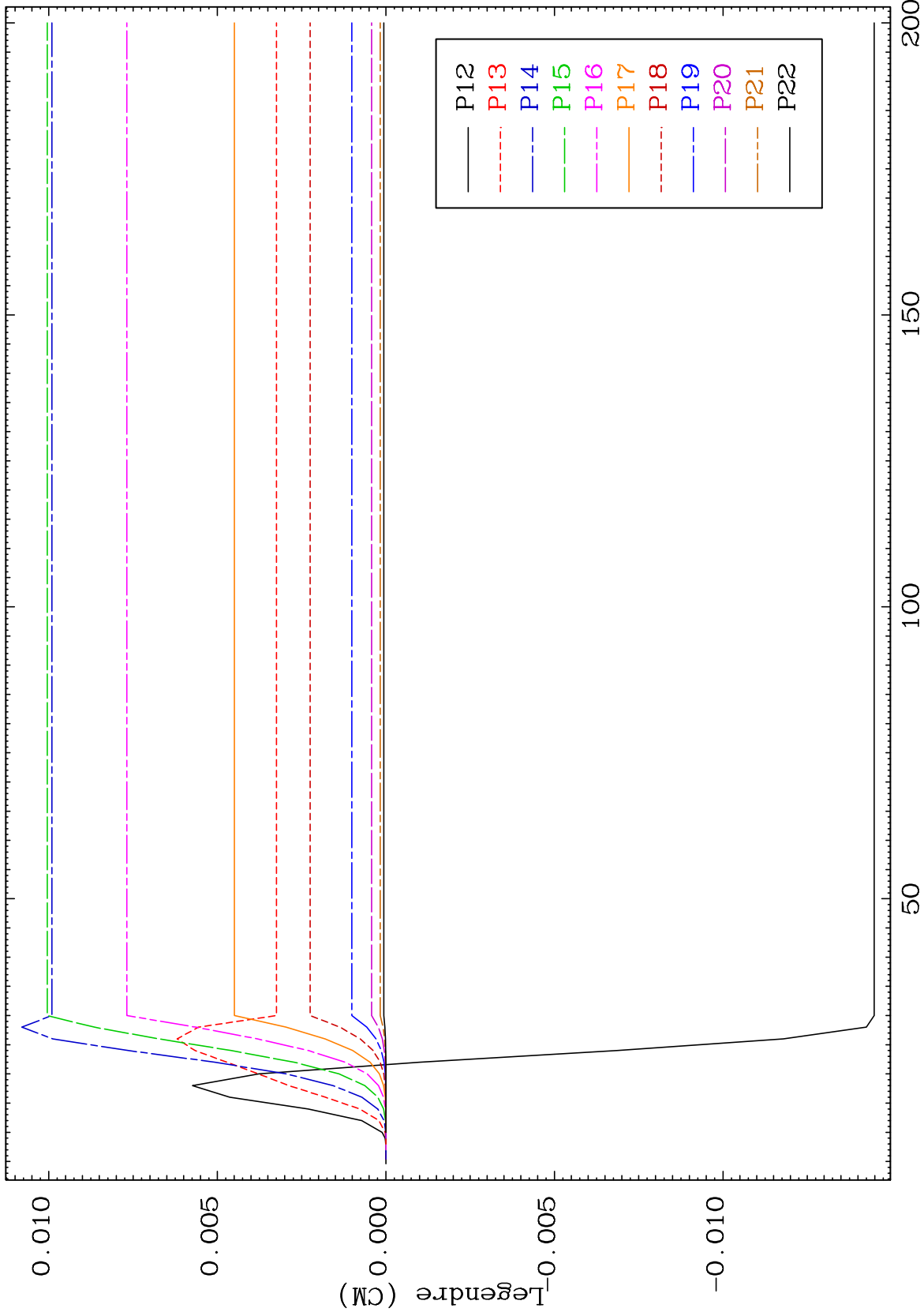




MAT 3049

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

30-Zn-72



93

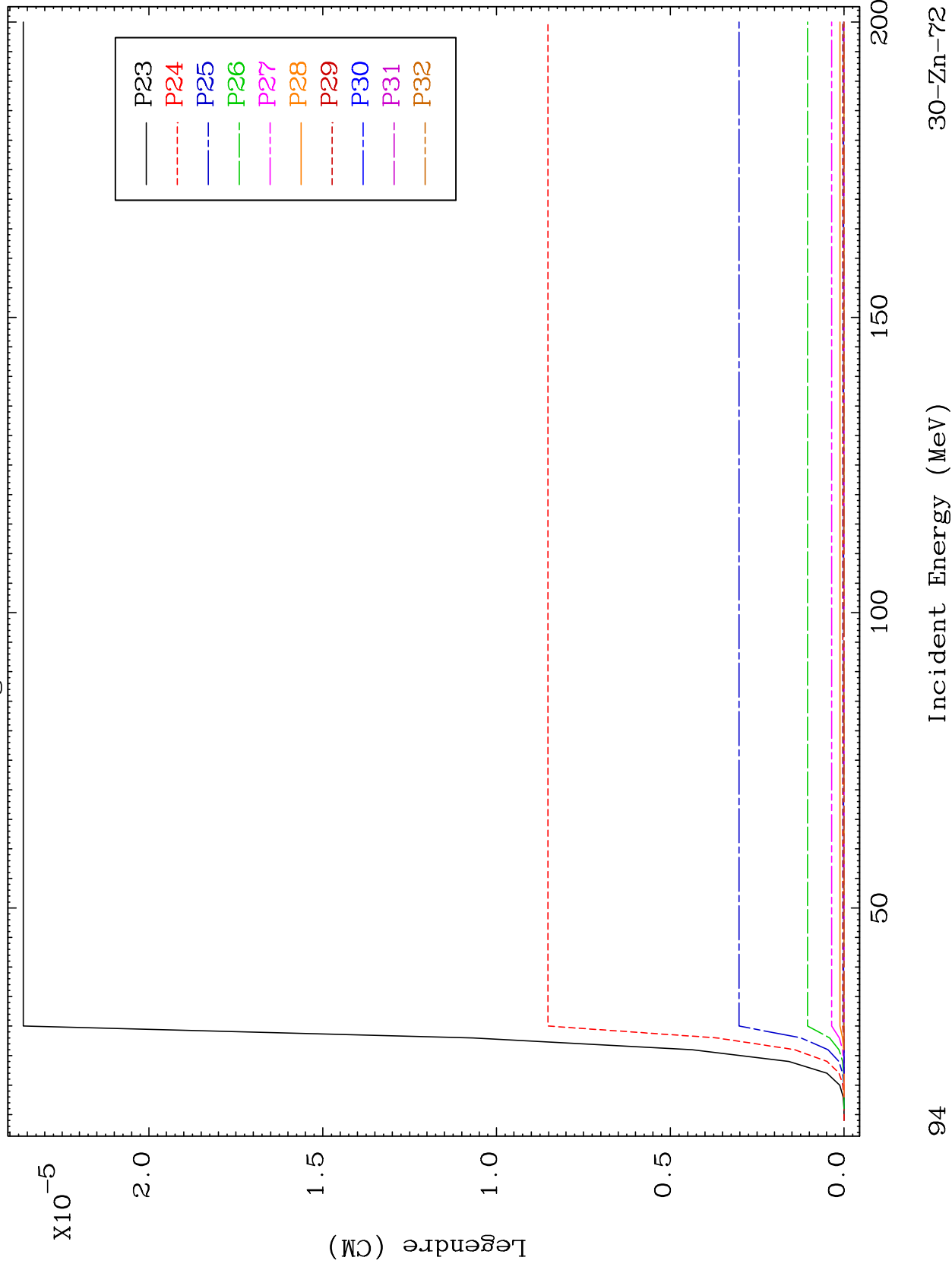
Incident Energy (MeV)

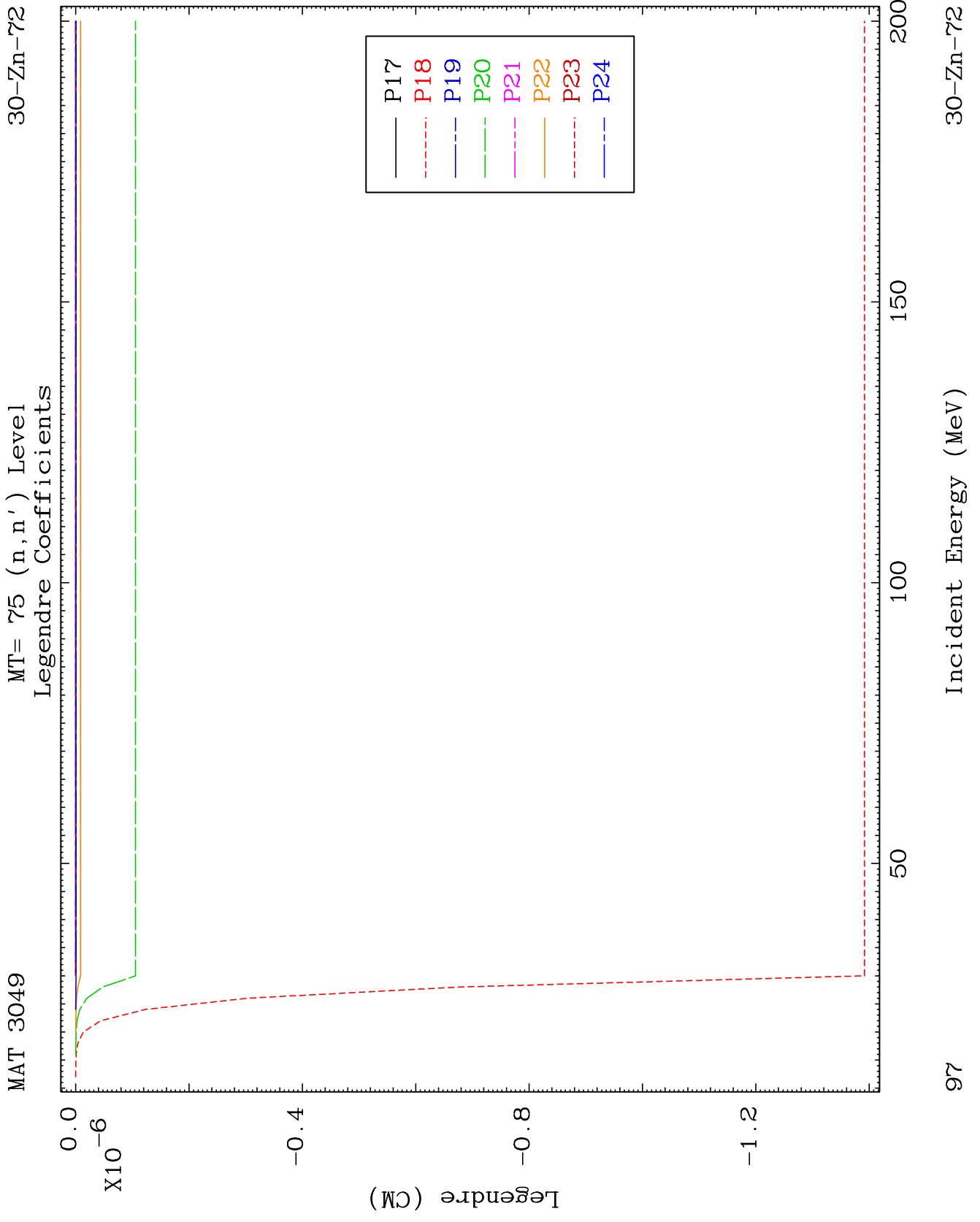
30-Zn-72

MAT 3049

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

30-Zn-72

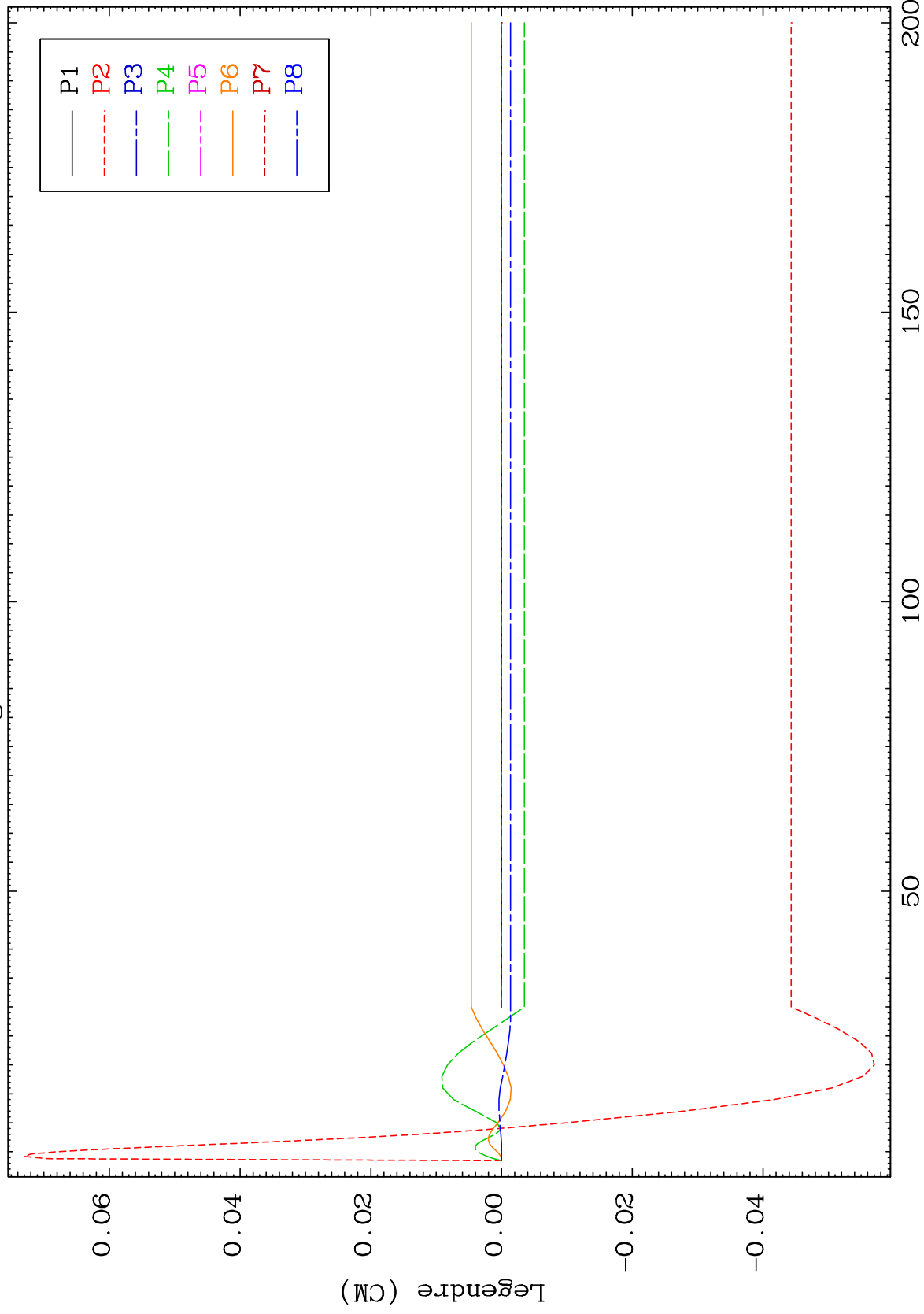




MAT 3049

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

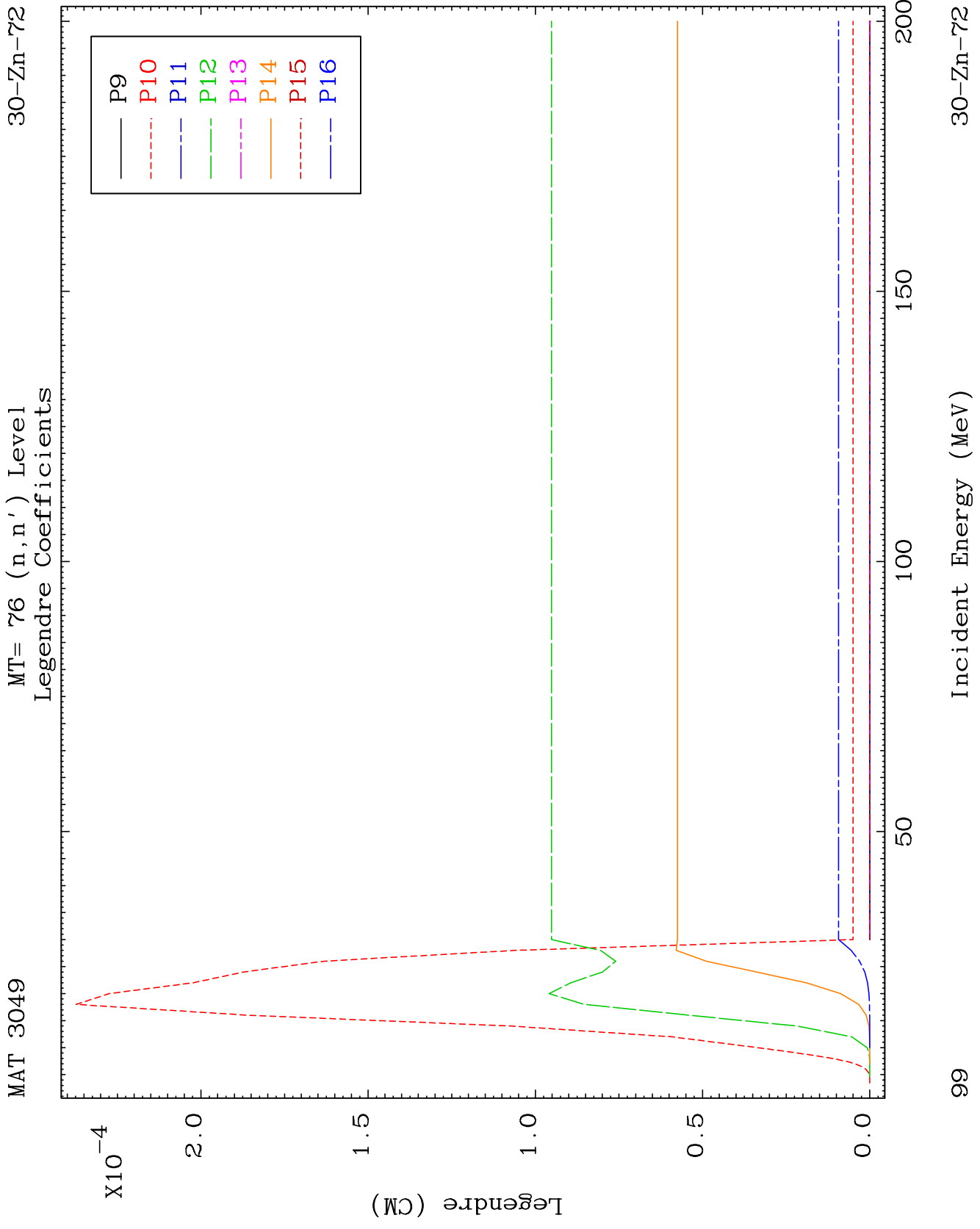
30-Zn-72

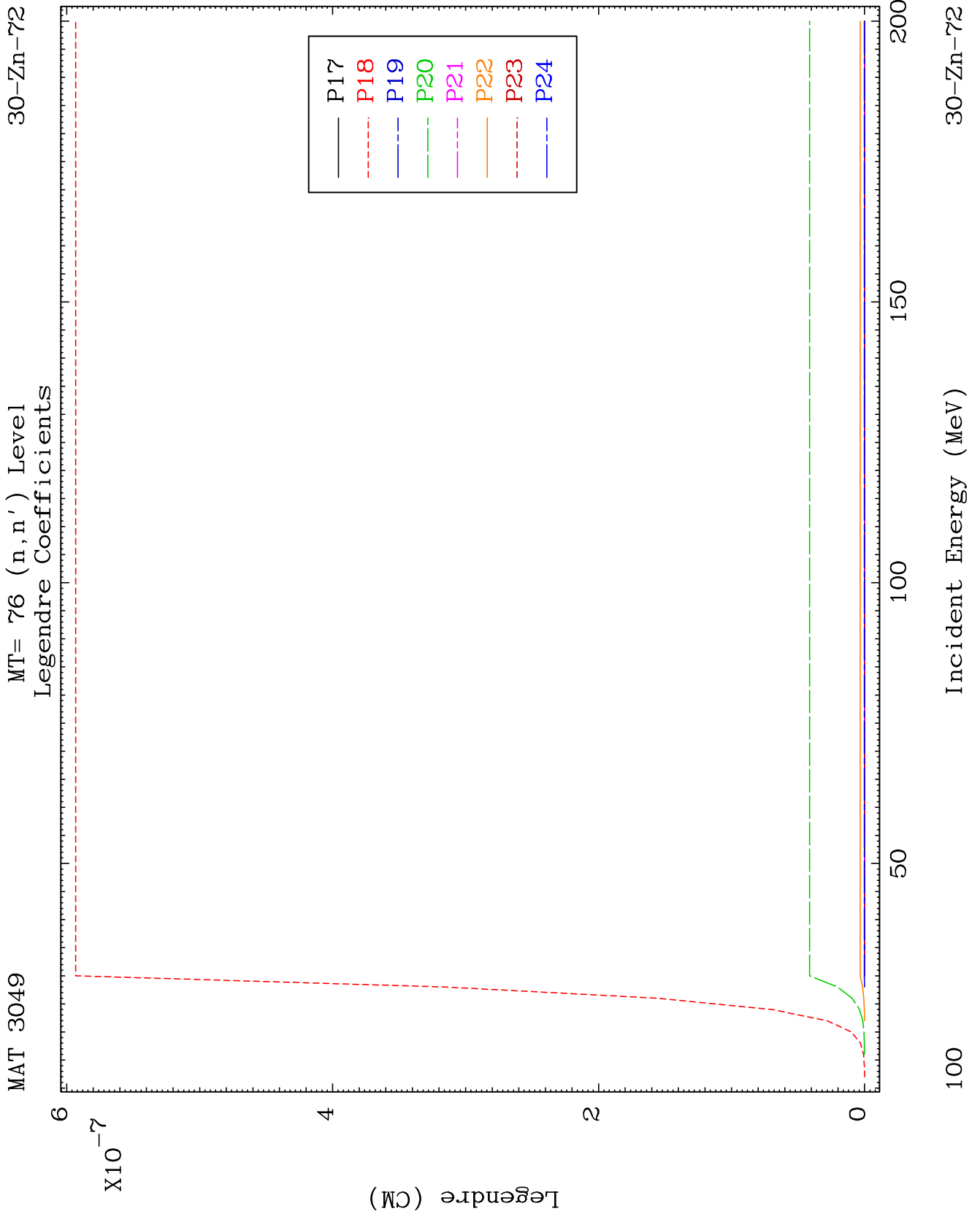


98

Incident Energy (MeV)

30-Zn-72

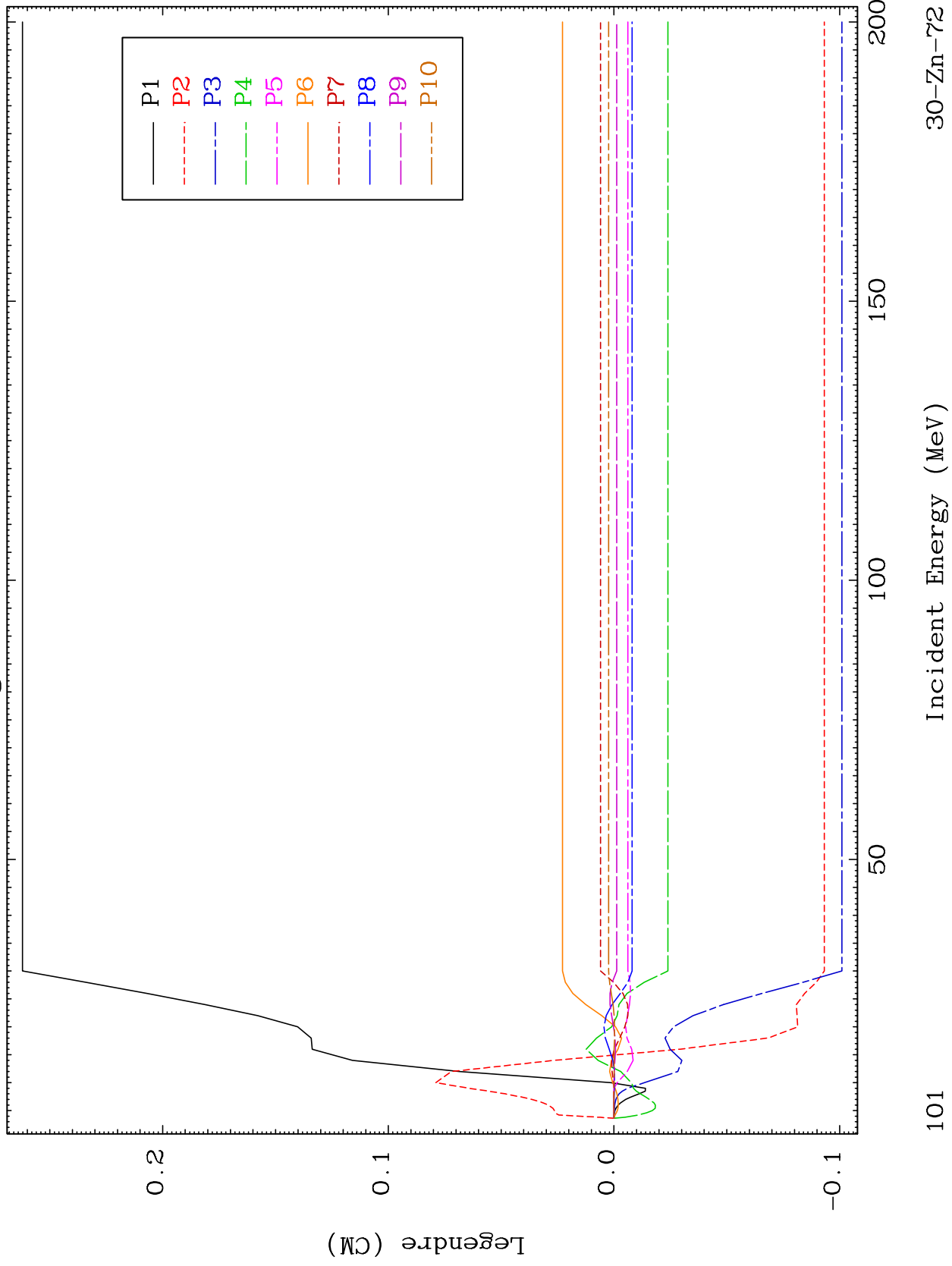




MAT 3049

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

30-Zn-72



101

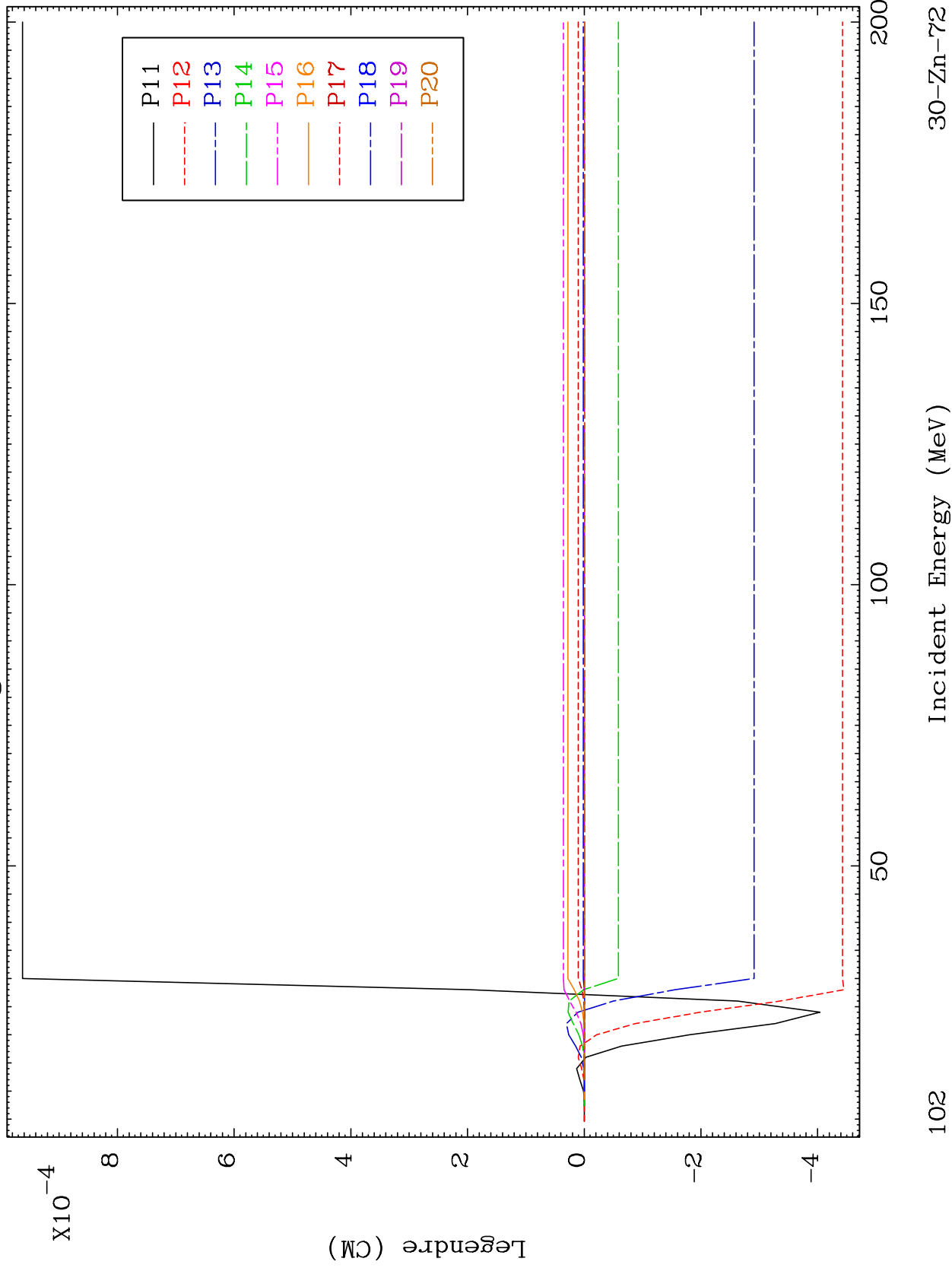
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

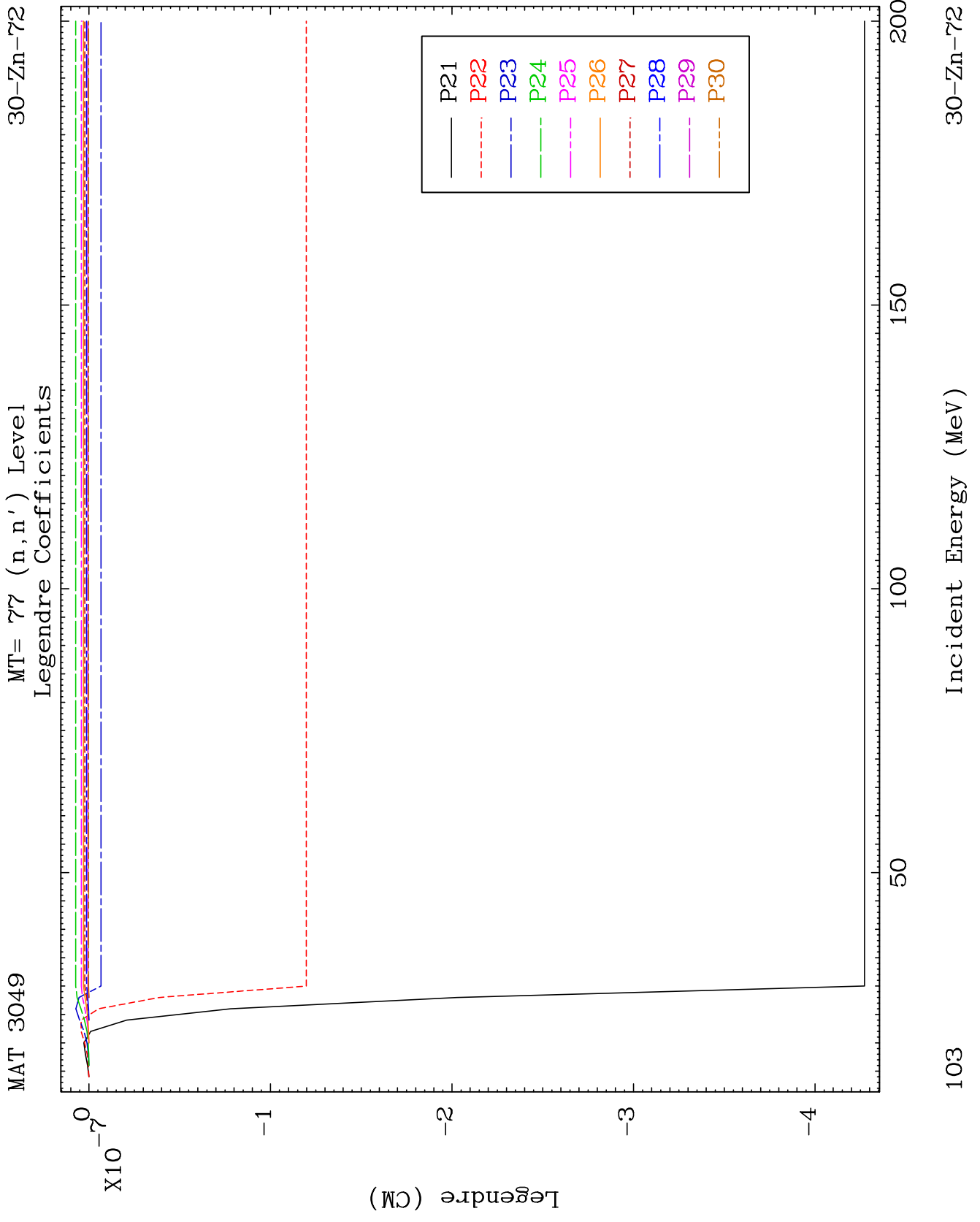
30-Zn-72



102

Incident Energy (MeV)

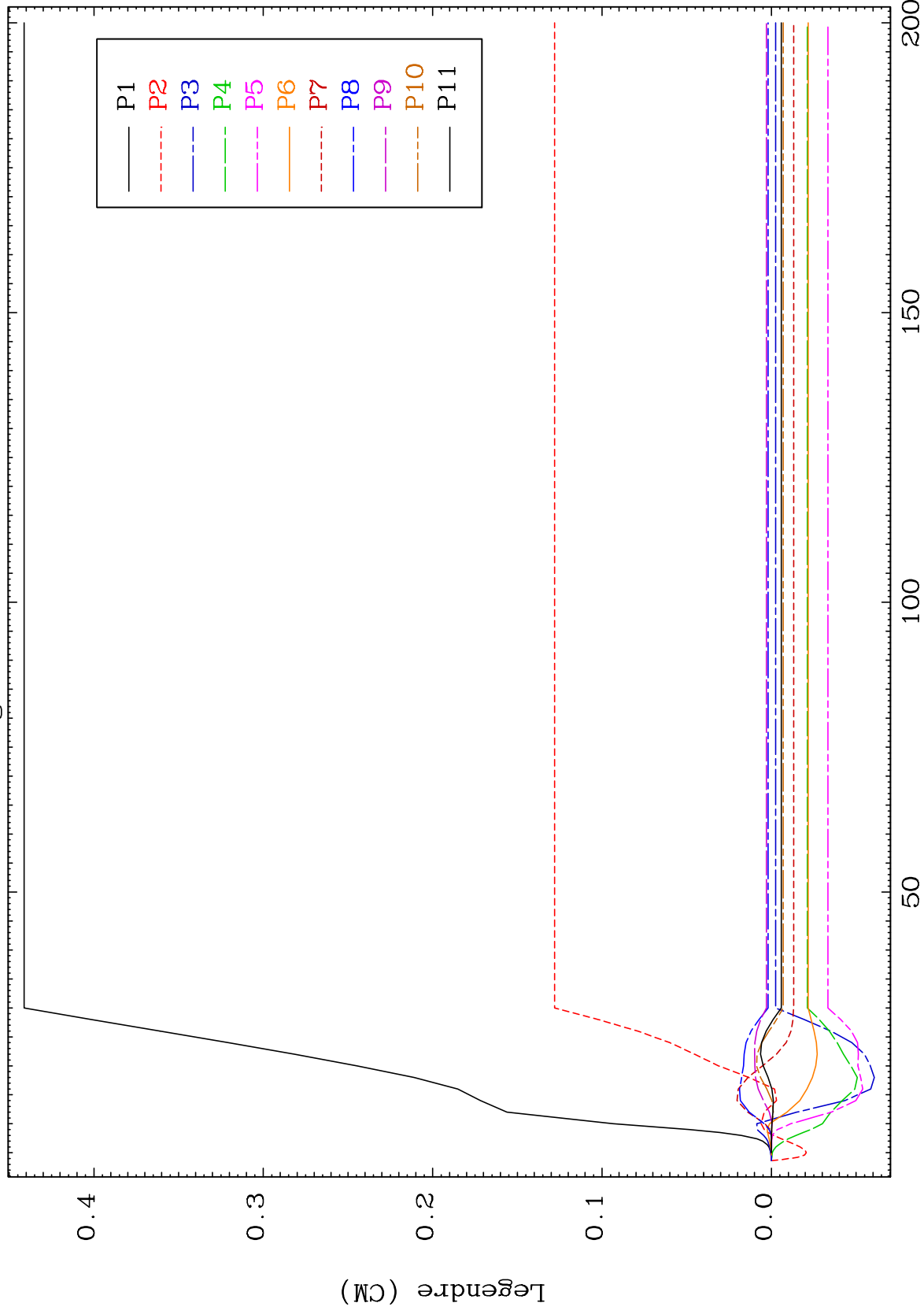
30-Zn-72



MAT 3049

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

30-Zn-72



104

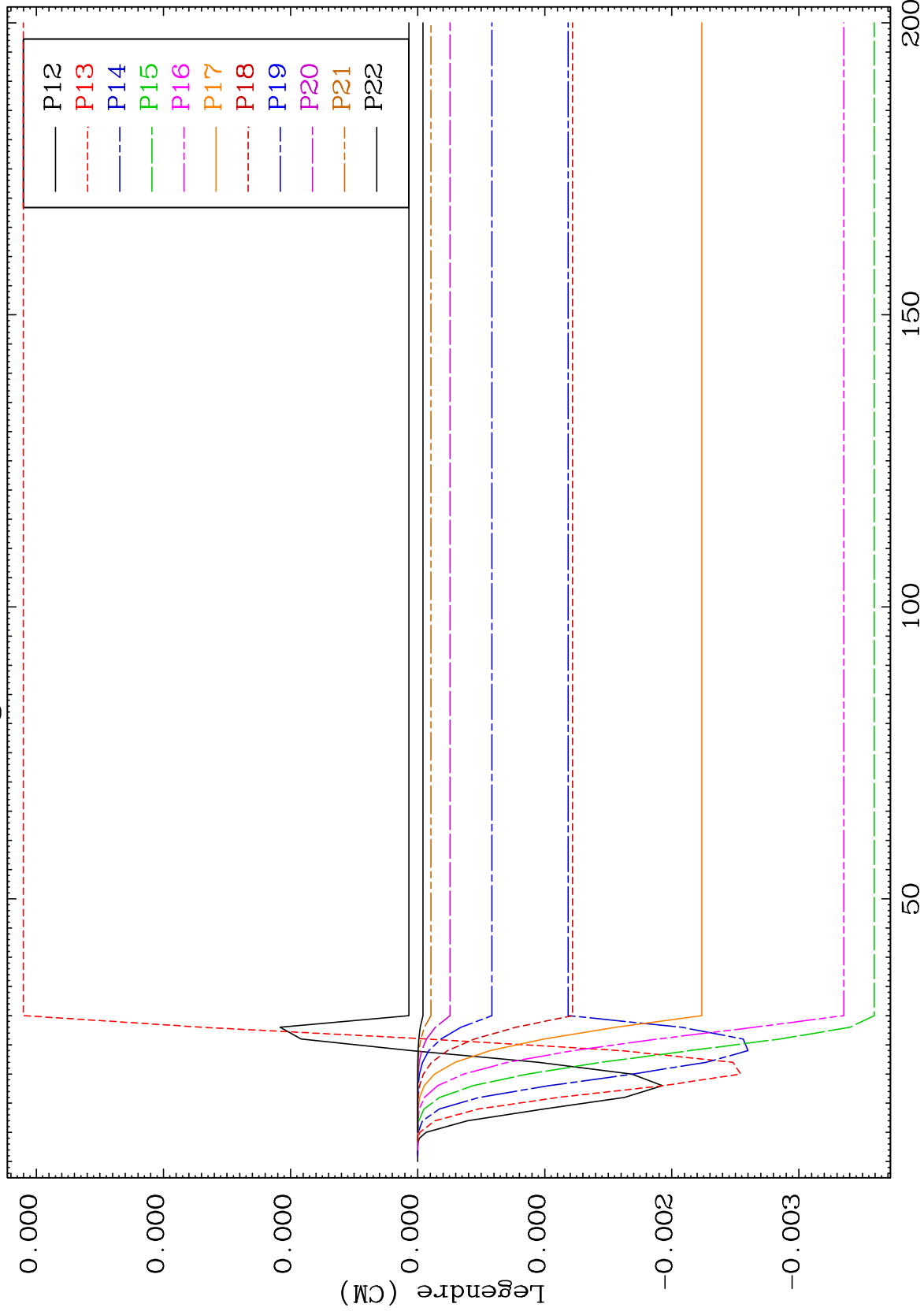
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

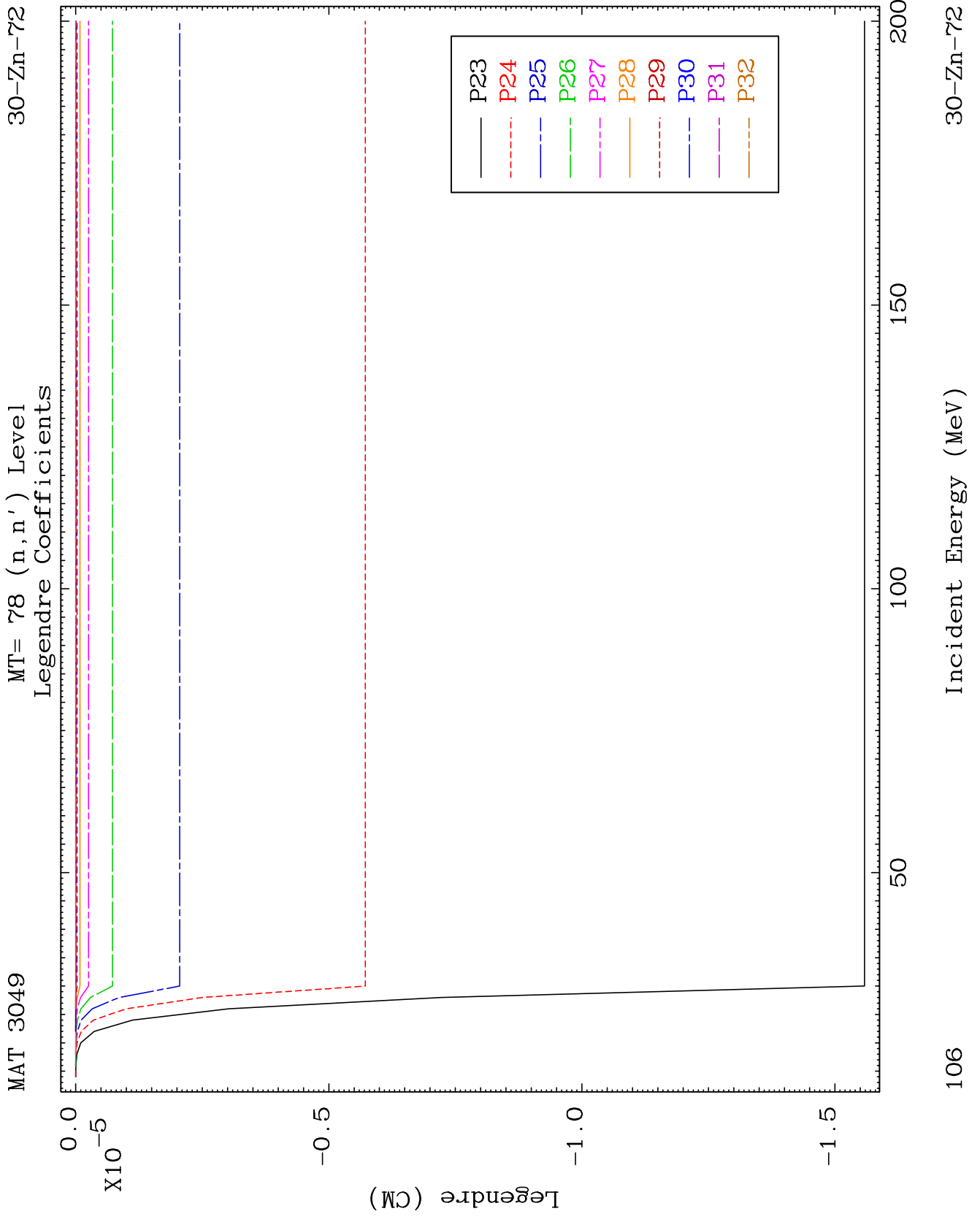
30-Zn-72

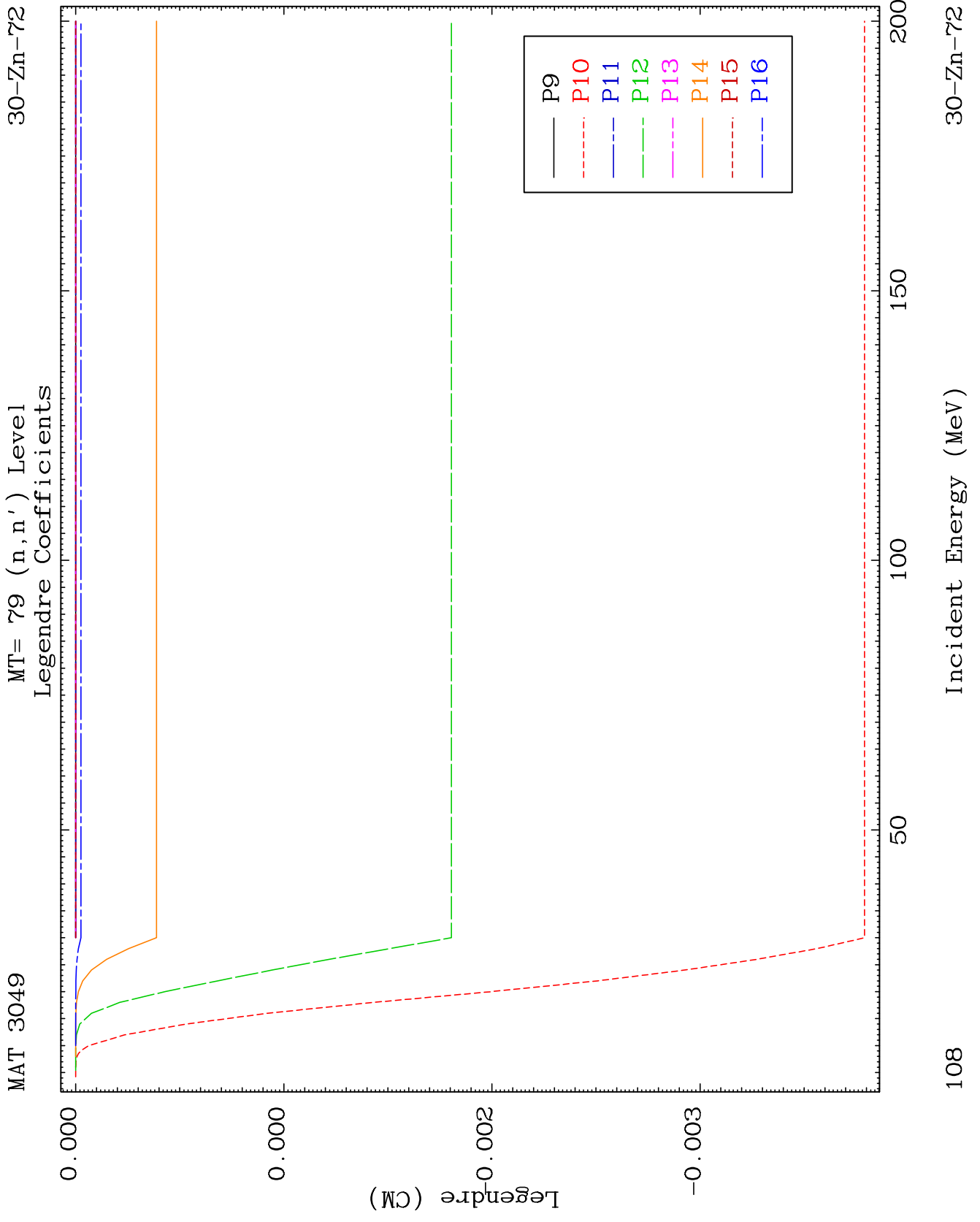


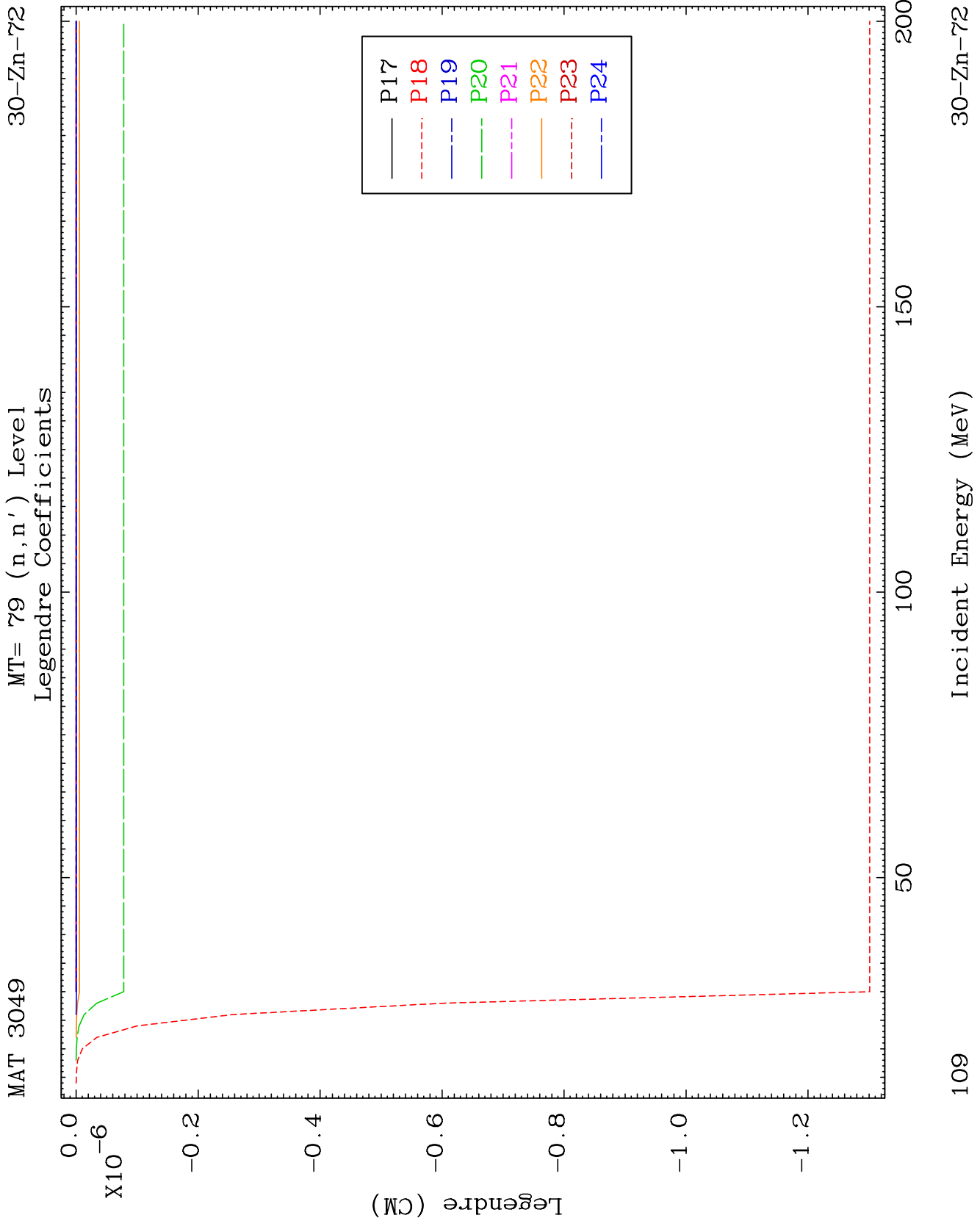
105

Incident Energy (MeV)

30-Zn-72



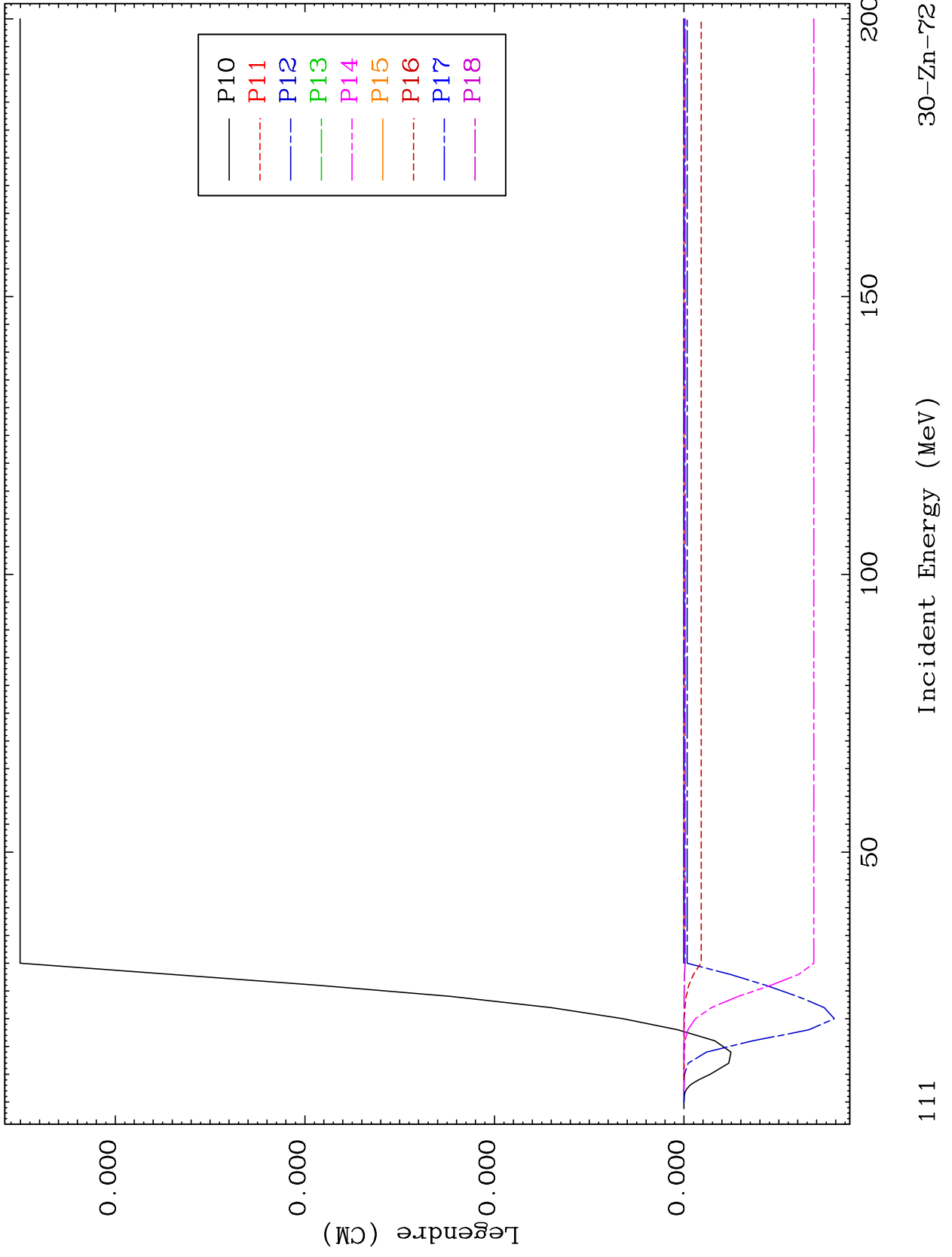


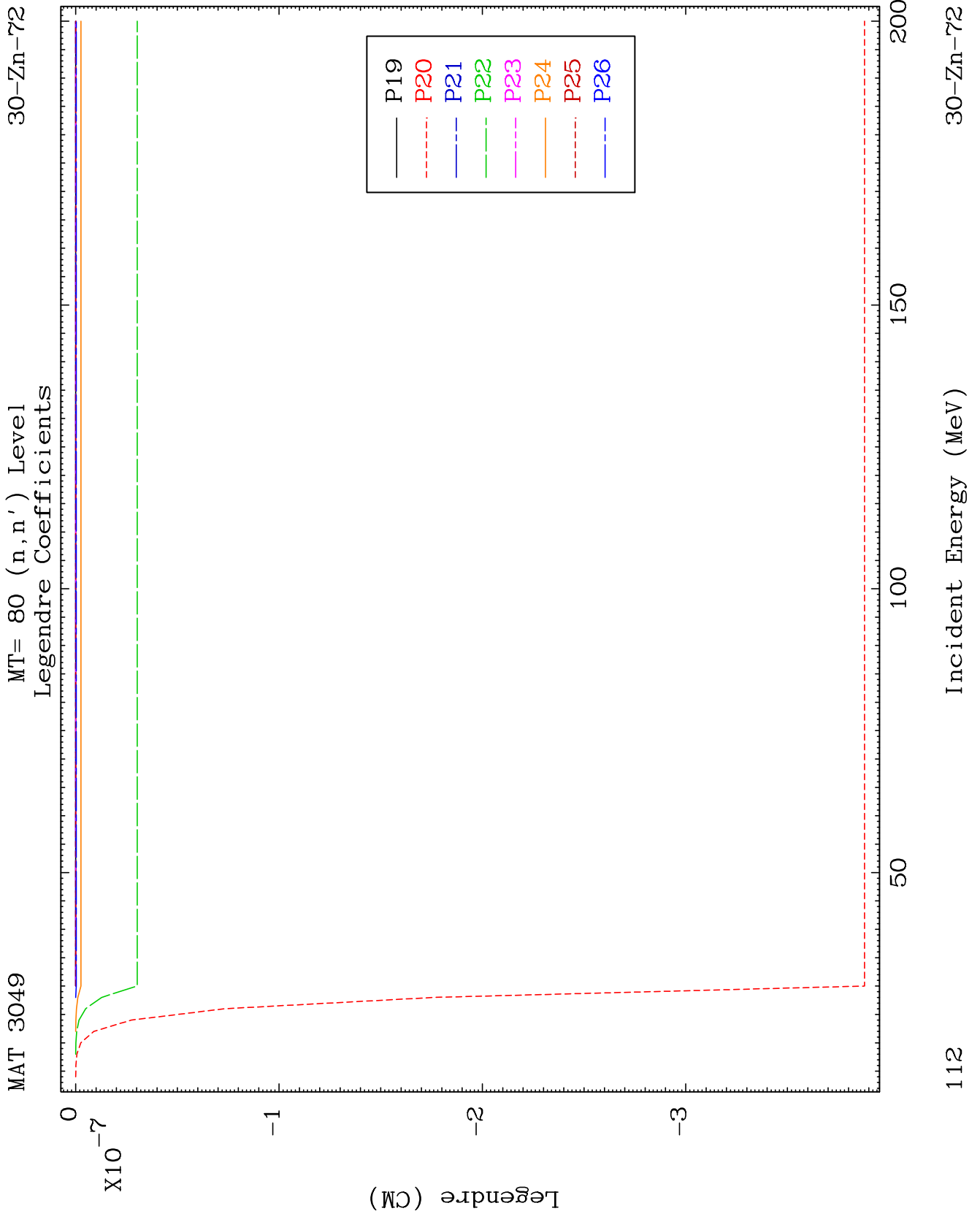


MAT 3049

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

30-Zn-72



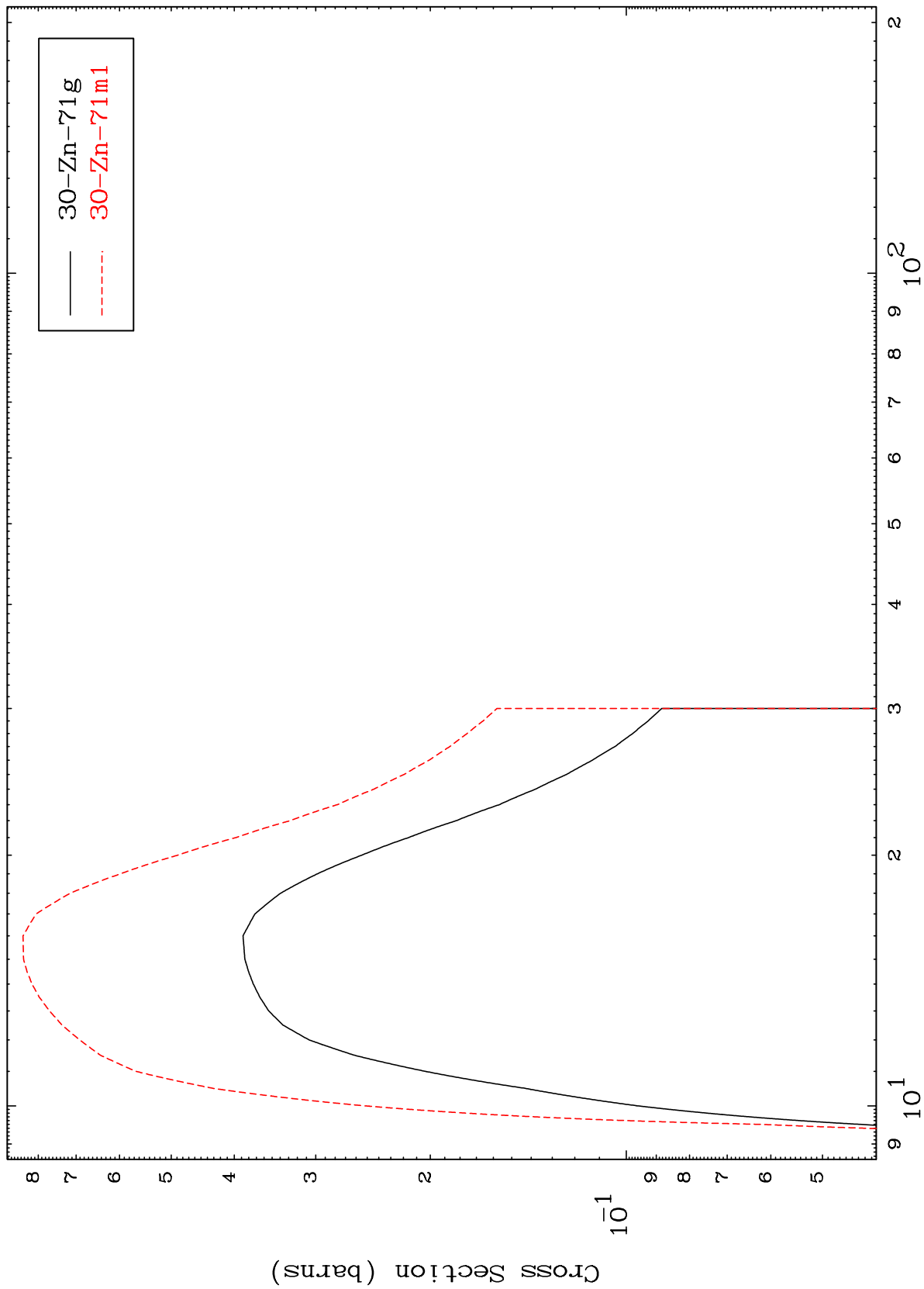


MAT 3049

30-Zn-72

(n,2n)

Radionuclide Production Cross Section

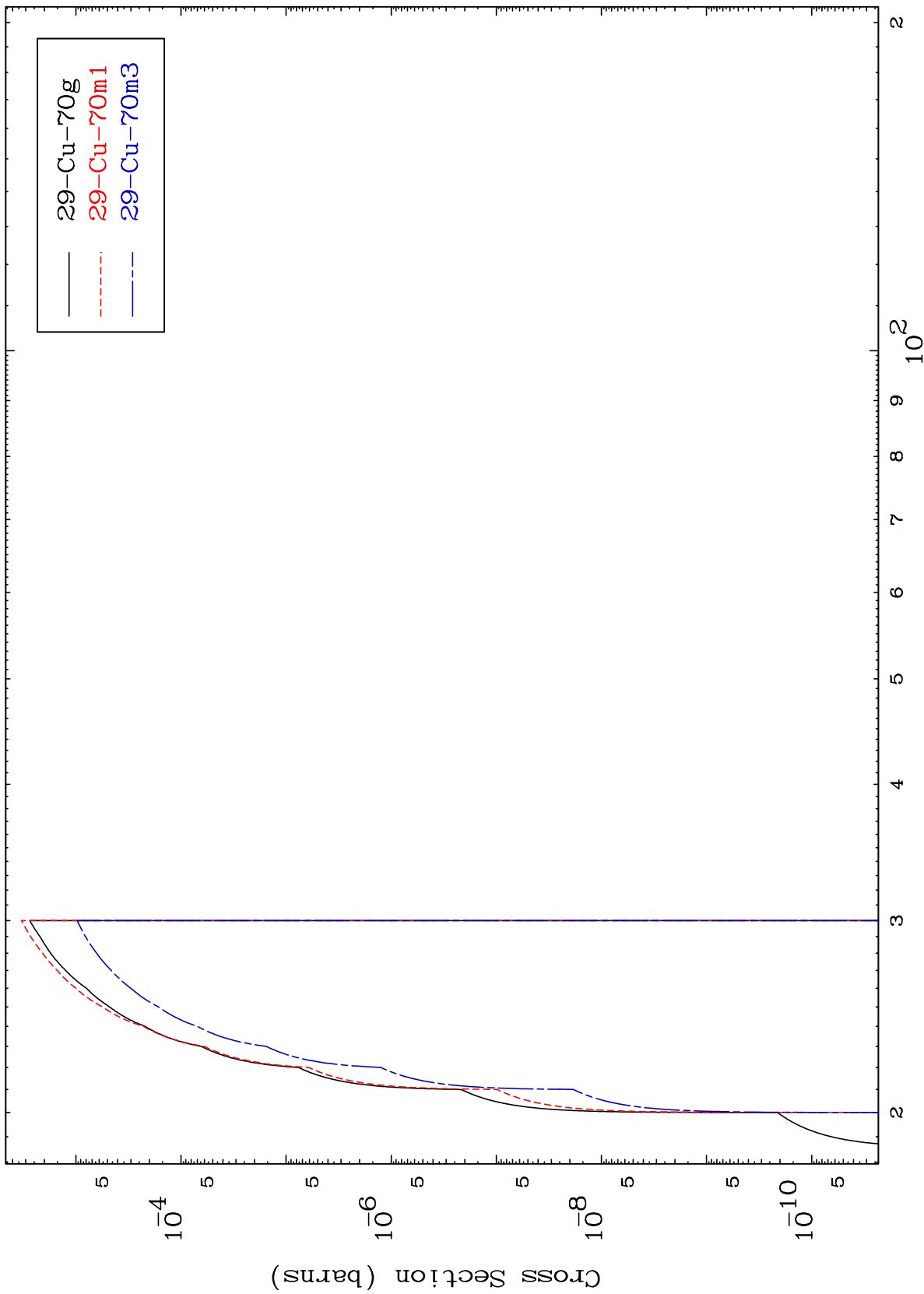


113

Incident Energy (MeV)

30-Zn-72

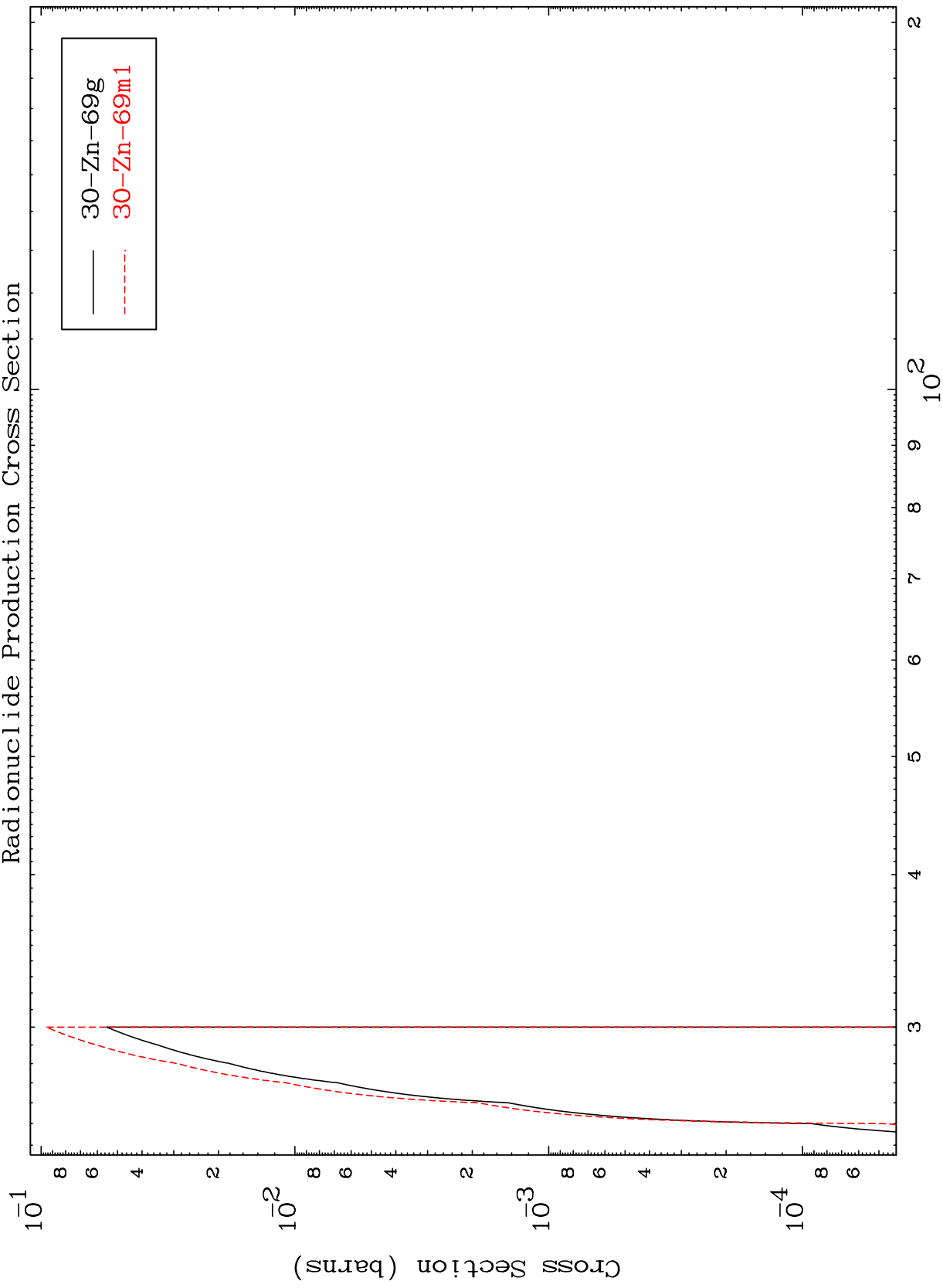
Radionuclide Production Cross Section



MAT 3049

30-Zn-72

(n,4n)
Radionuclide Production Cross Section

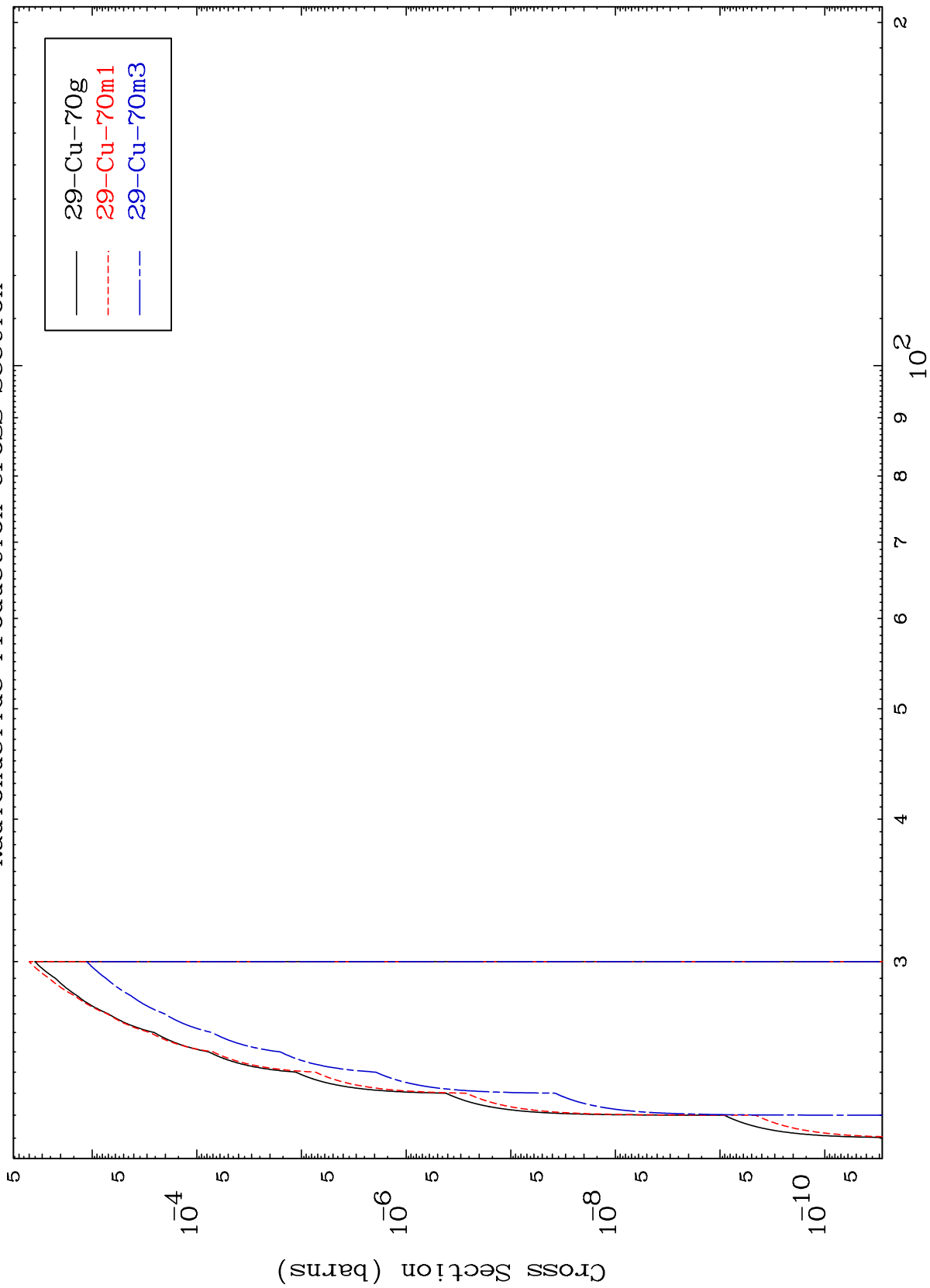


30-Zn-72

Incident Energy (MeV)

115

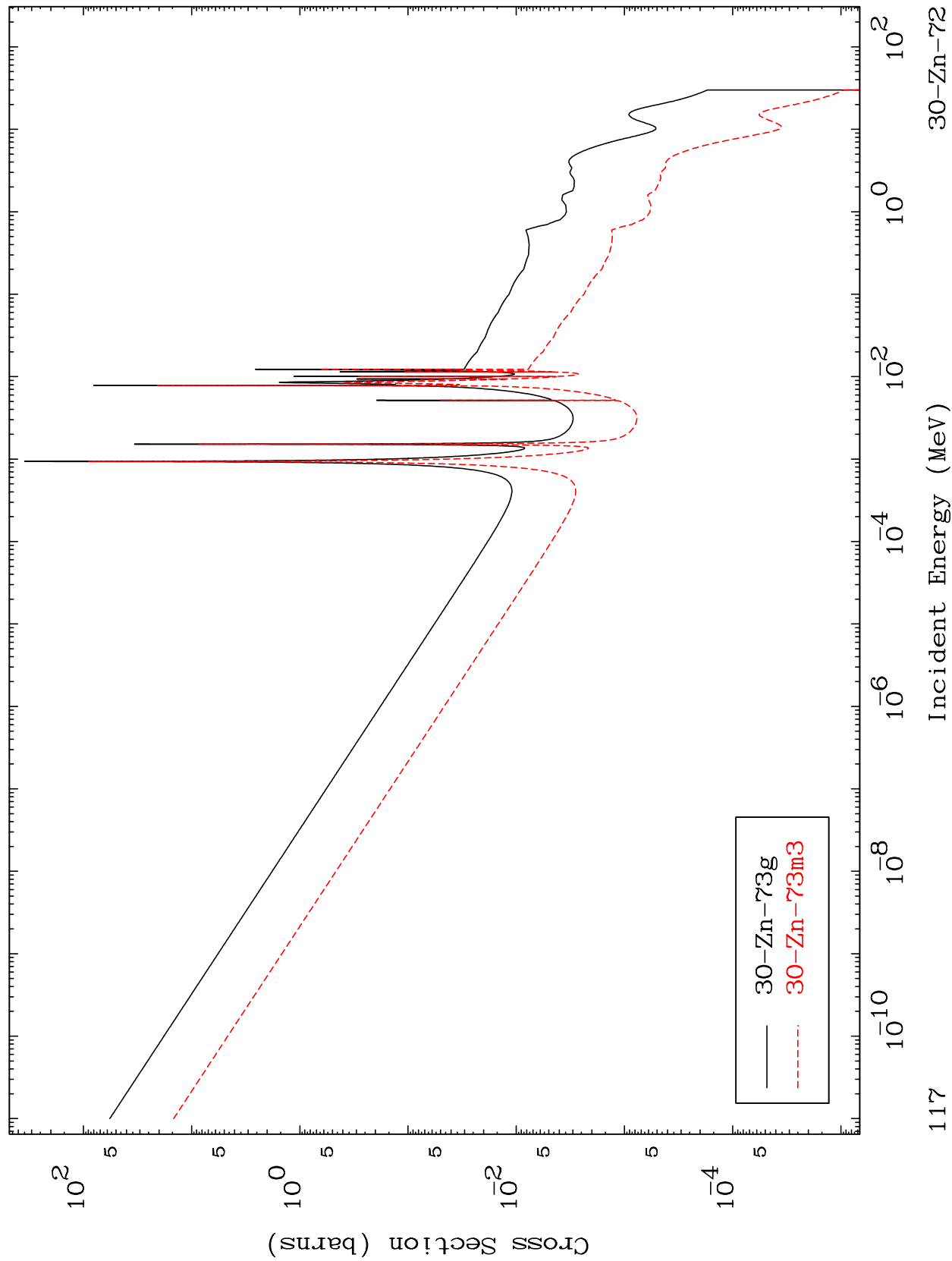
Radionuclide Production Cross Section



MAT 3049

30-Zn-72

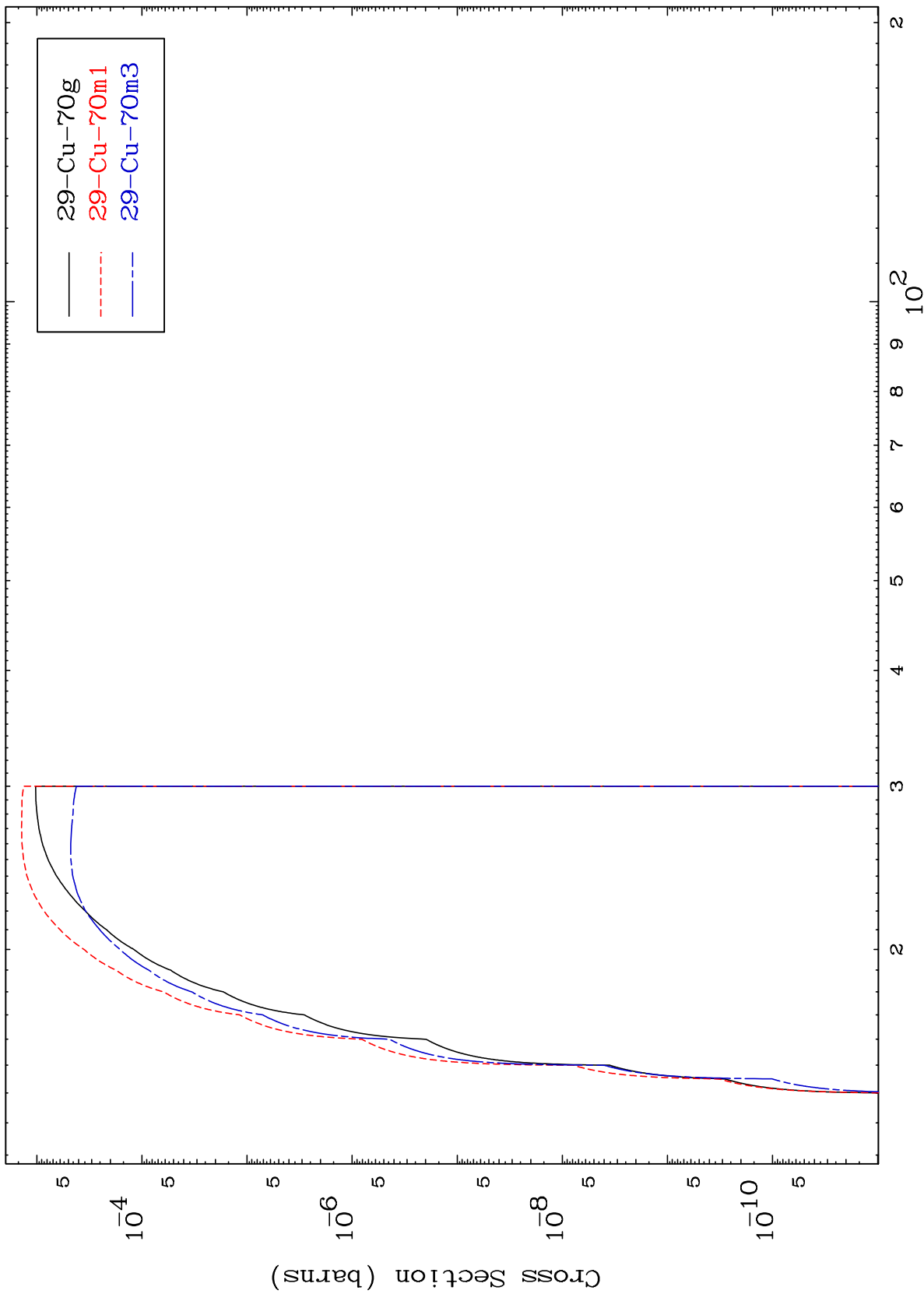
(n, γ)
Radionuclide Production Cross Section



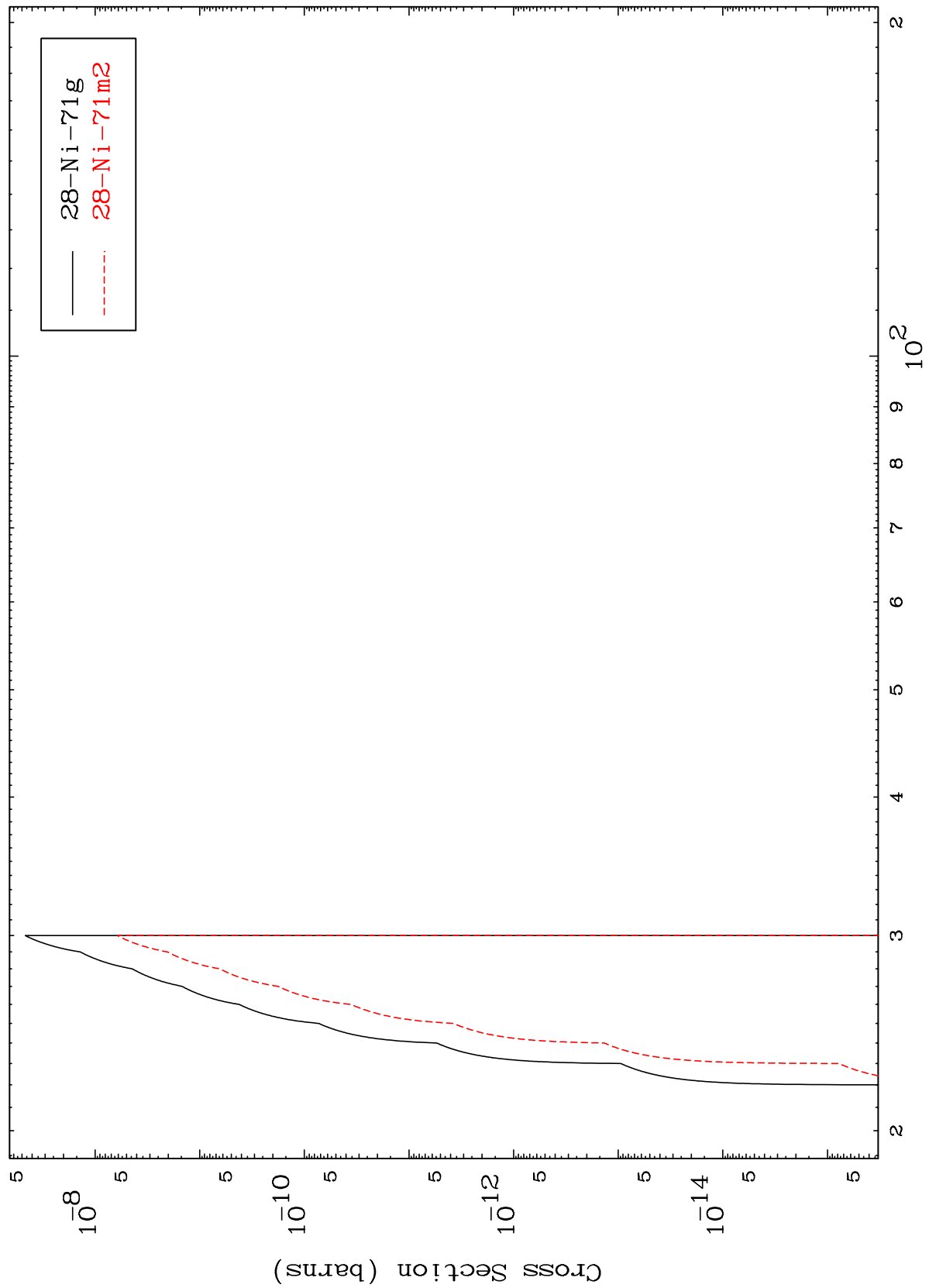
117

30-Zn-72

(n,t)
Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section

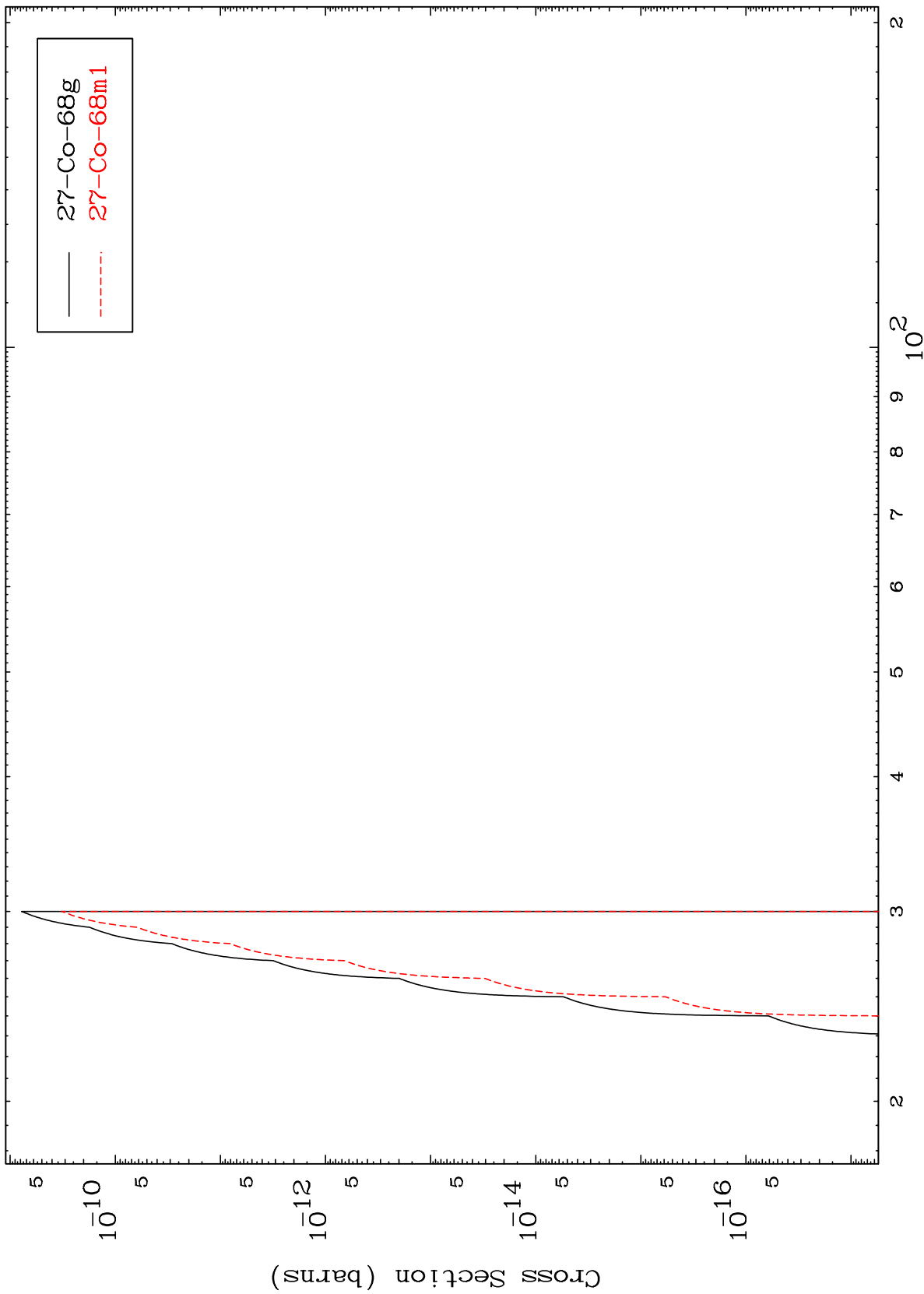


MAT 3049

(n,p) α

30-Zn-72

Radionuclide Production Cross Section



120

Incident Energy (MeV)

30-Zn-72