

Program EVALPLOT  
(Version 2018-1)

by

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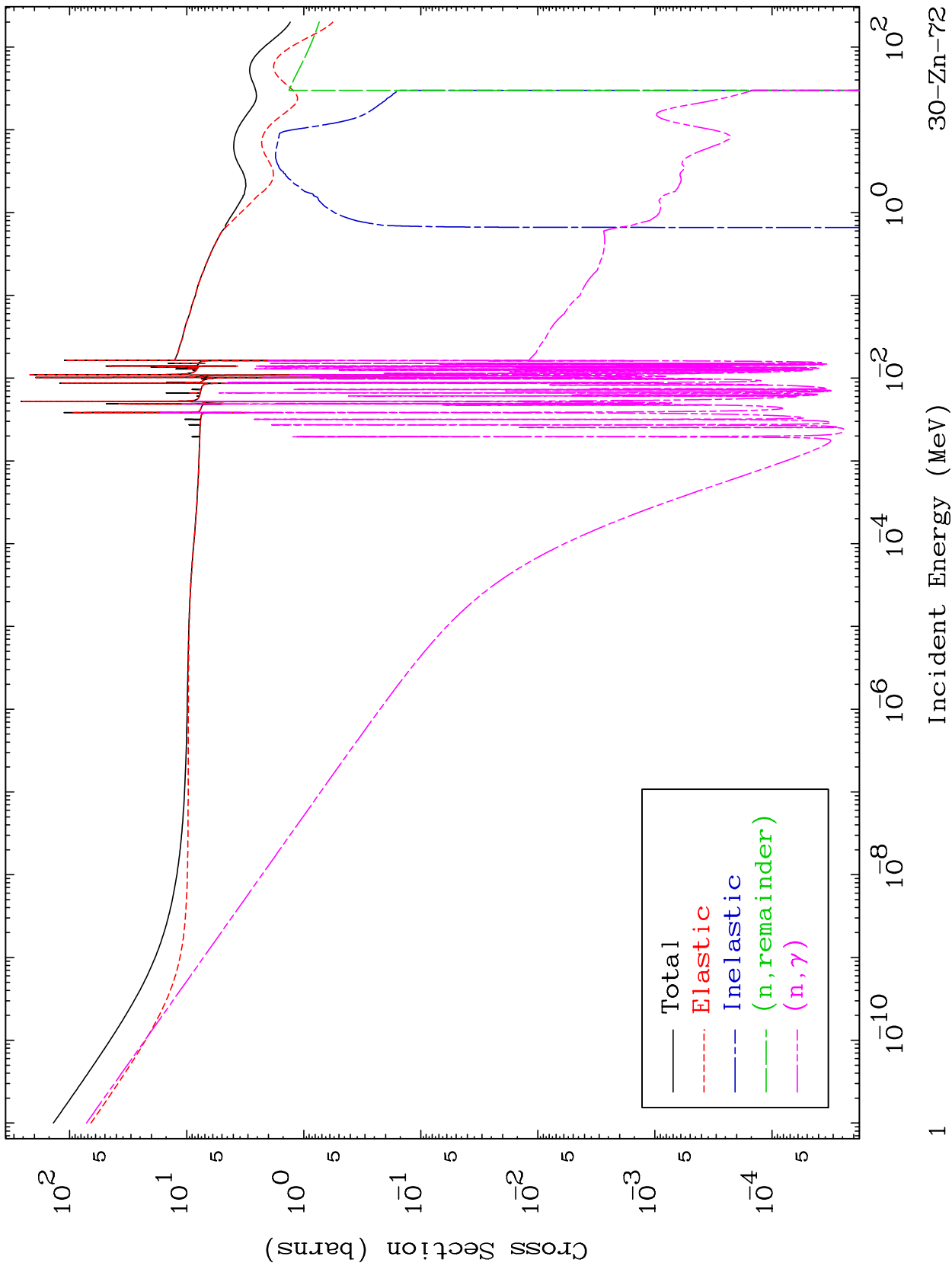
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3049

Major  
293 Kelvin Cross Sections

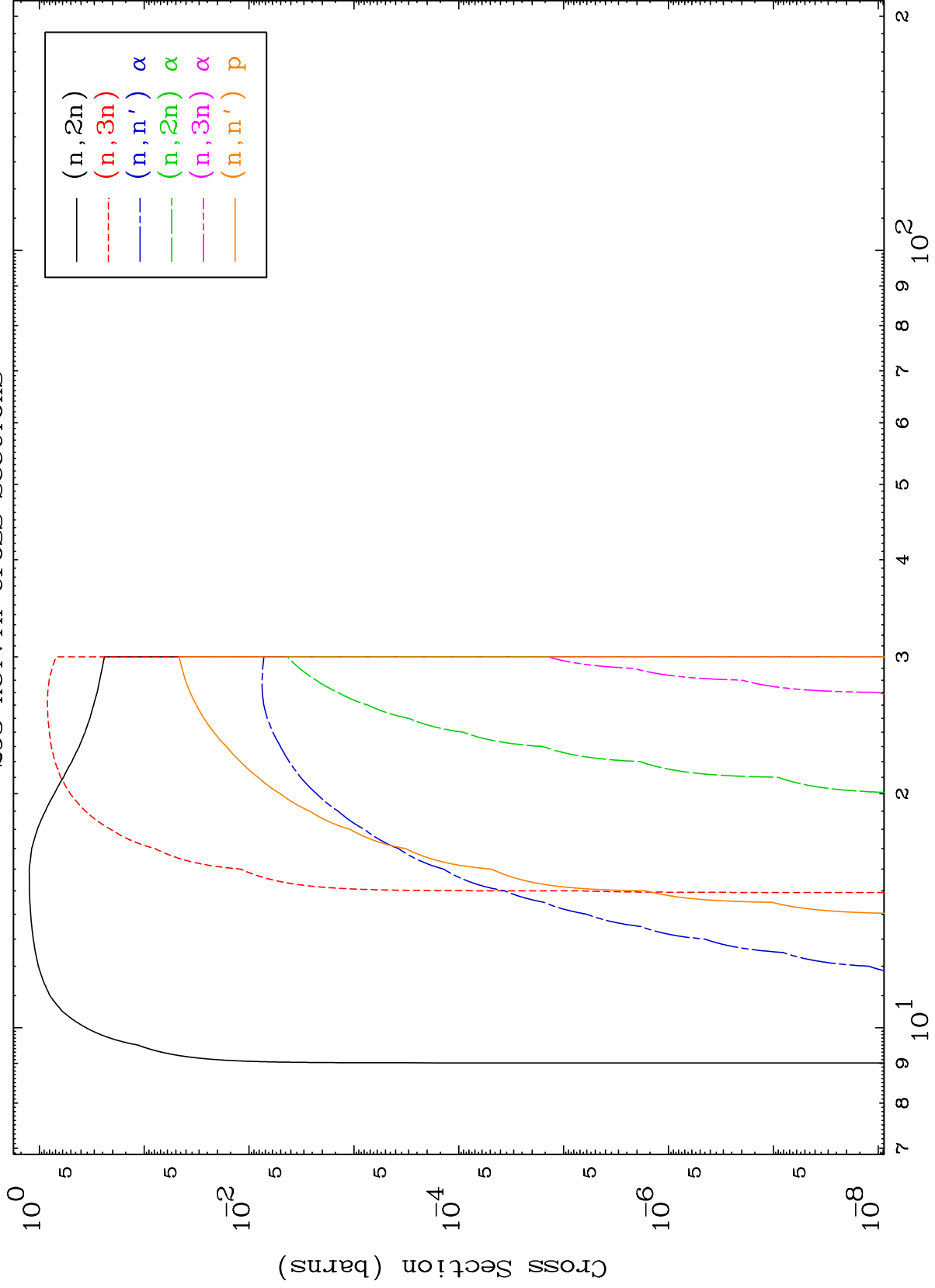
30-Zn-72



MAT 3049

Neutron Production  
293 Kelvin Cross Sections

30-Zn-72



2

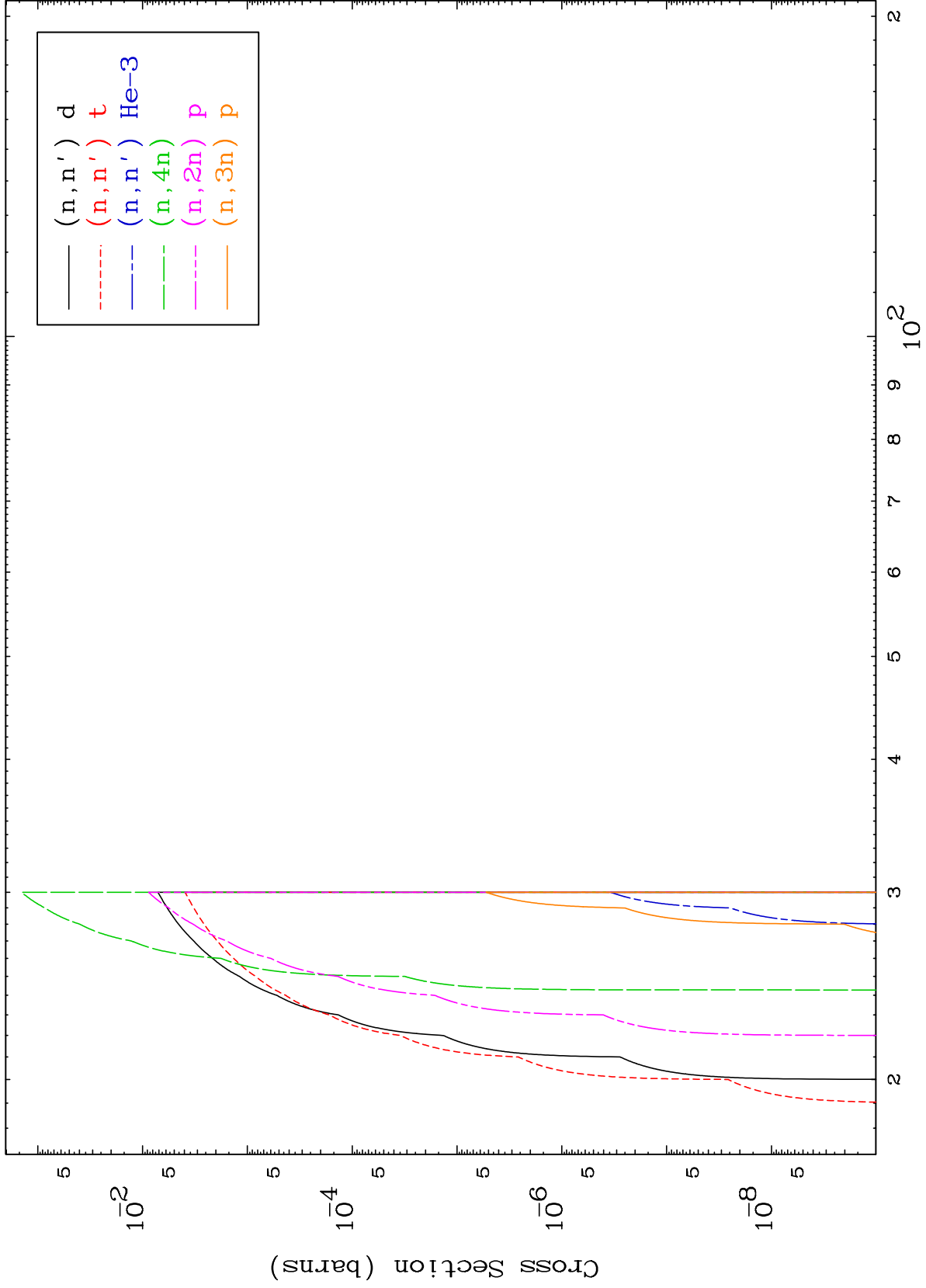
Incident Energy (MeV)

30-Zn-72

MAT 3049

Neutron Production  
293 Kelvin Cross Sections

30-Zn-72



3

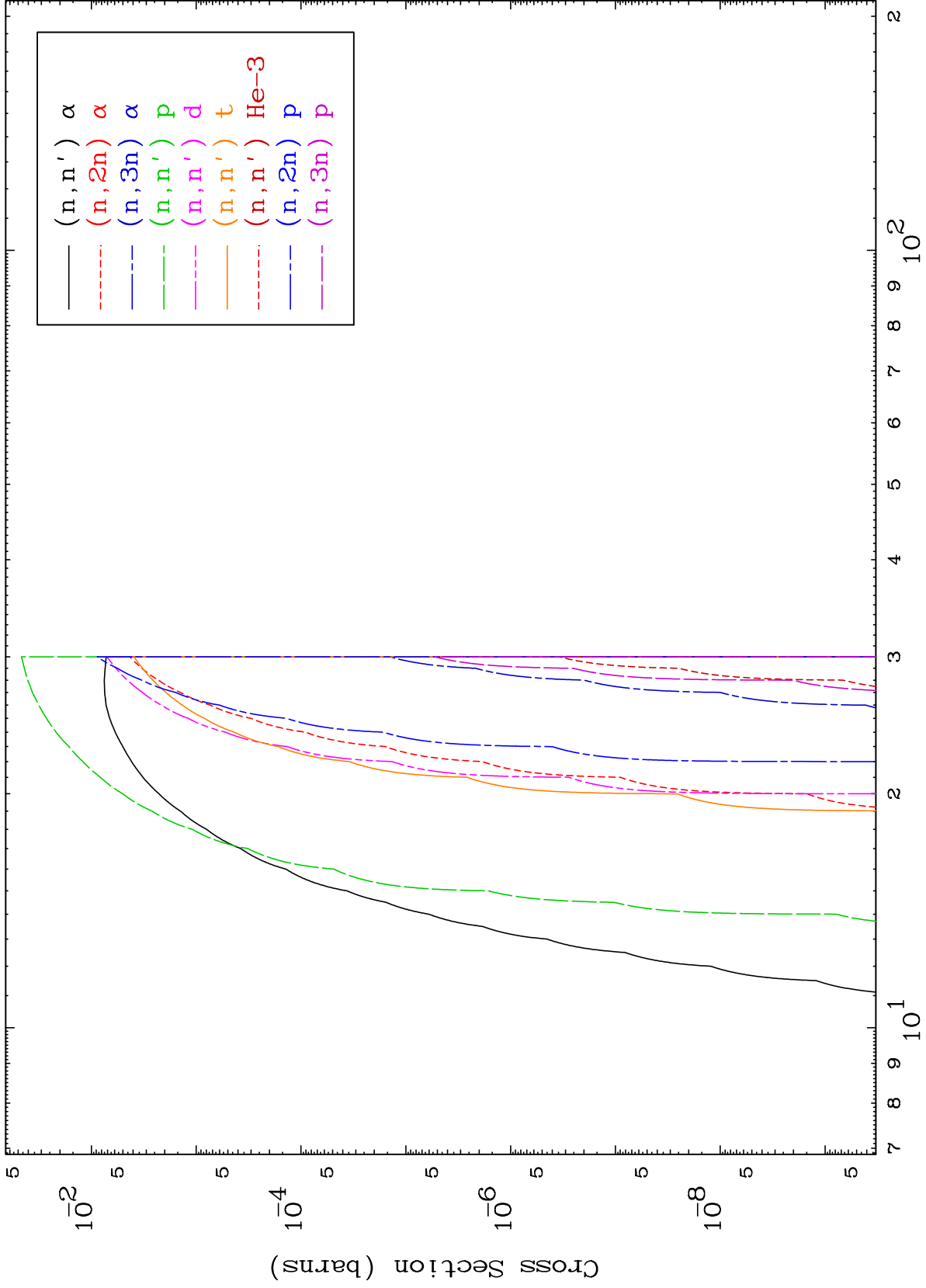
Incident Energy (MeV)

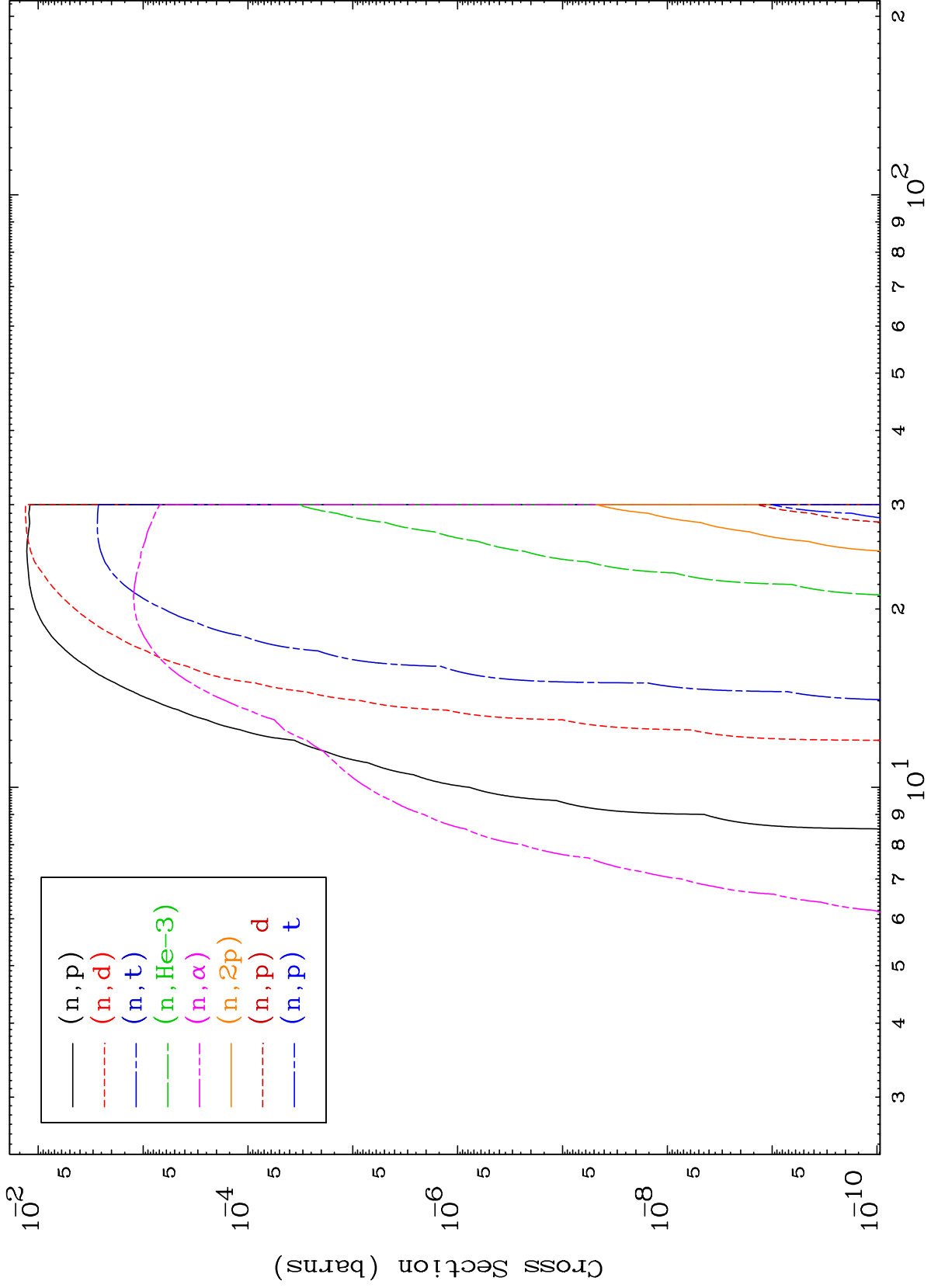
30-Zn-72

MAT 3049

Charged Particle  
293 Kelvin Cross Sections

30-Zn-72

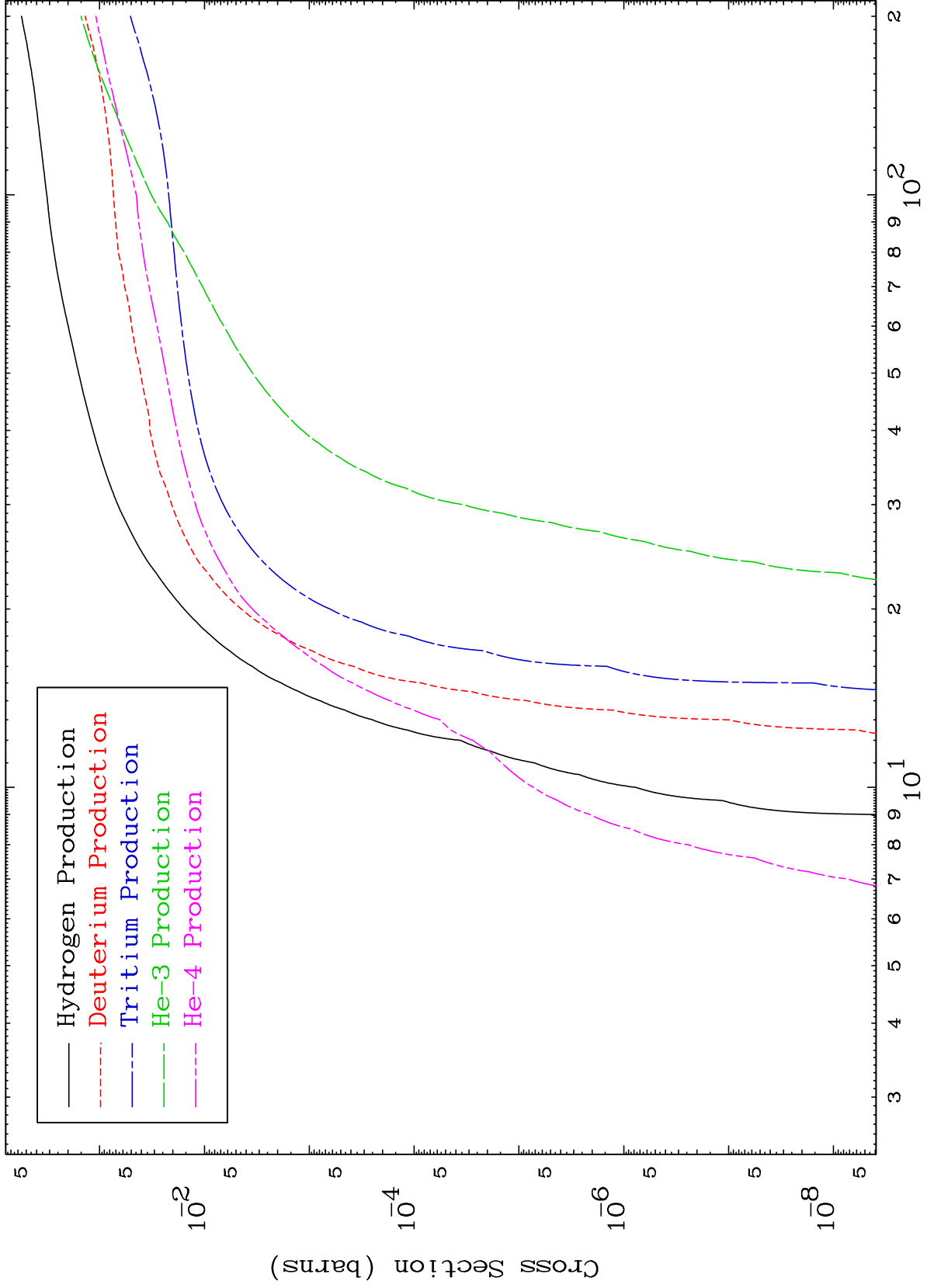




MAT 3049

Particle Production  
293 Kelvin Cross Sections

30-Zn-72

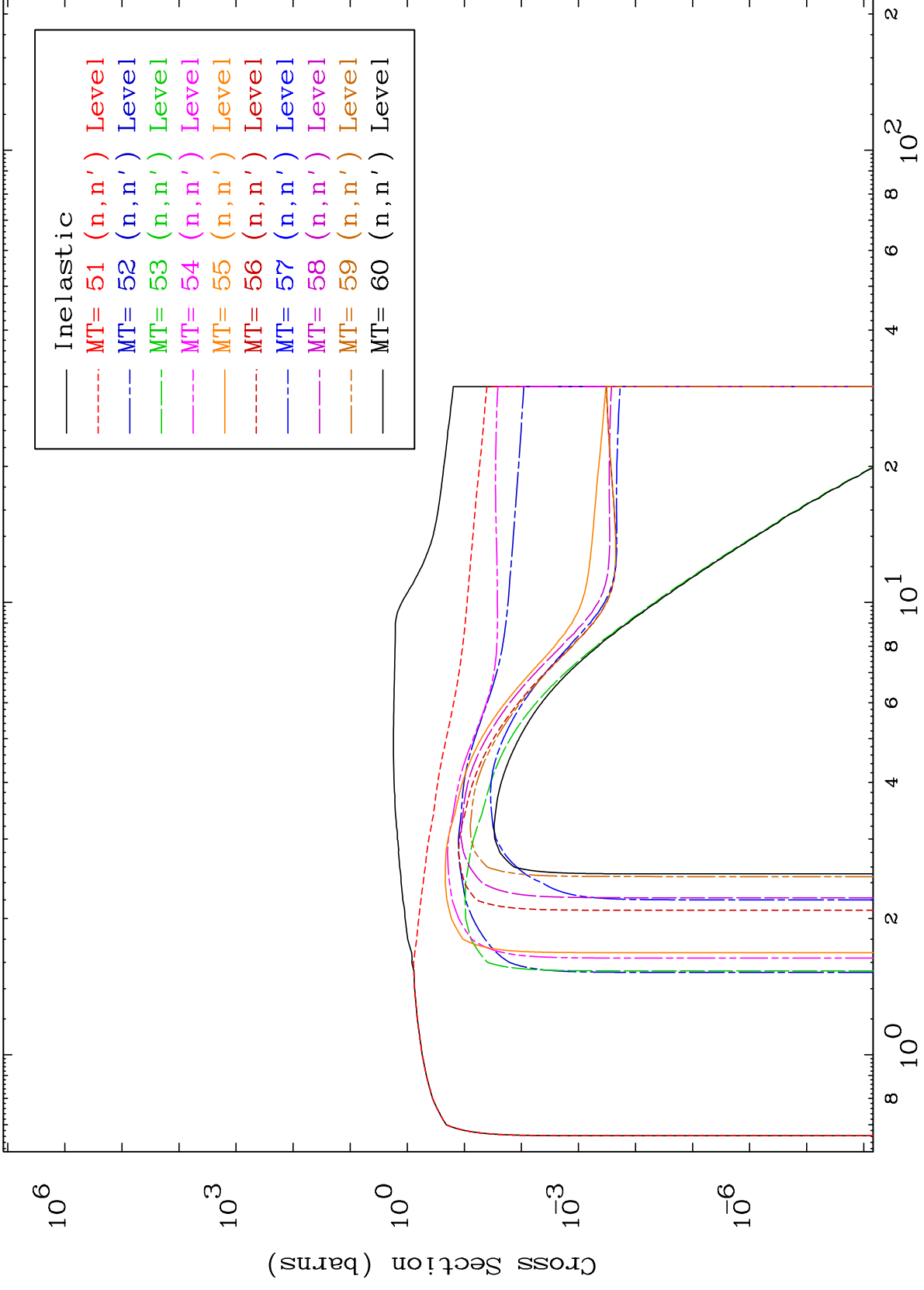


MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections

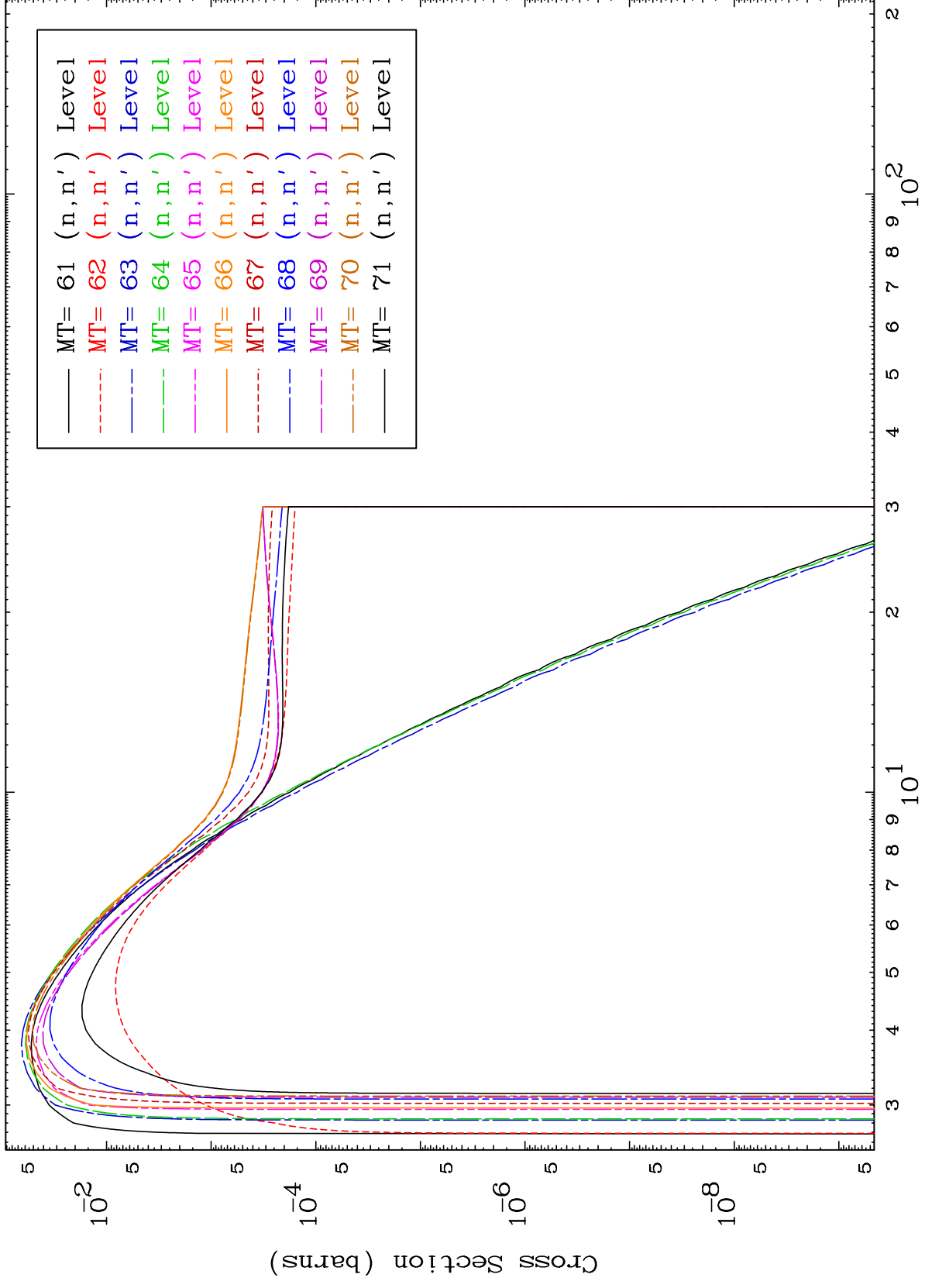


MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections



8

Incident Energy (MeV)

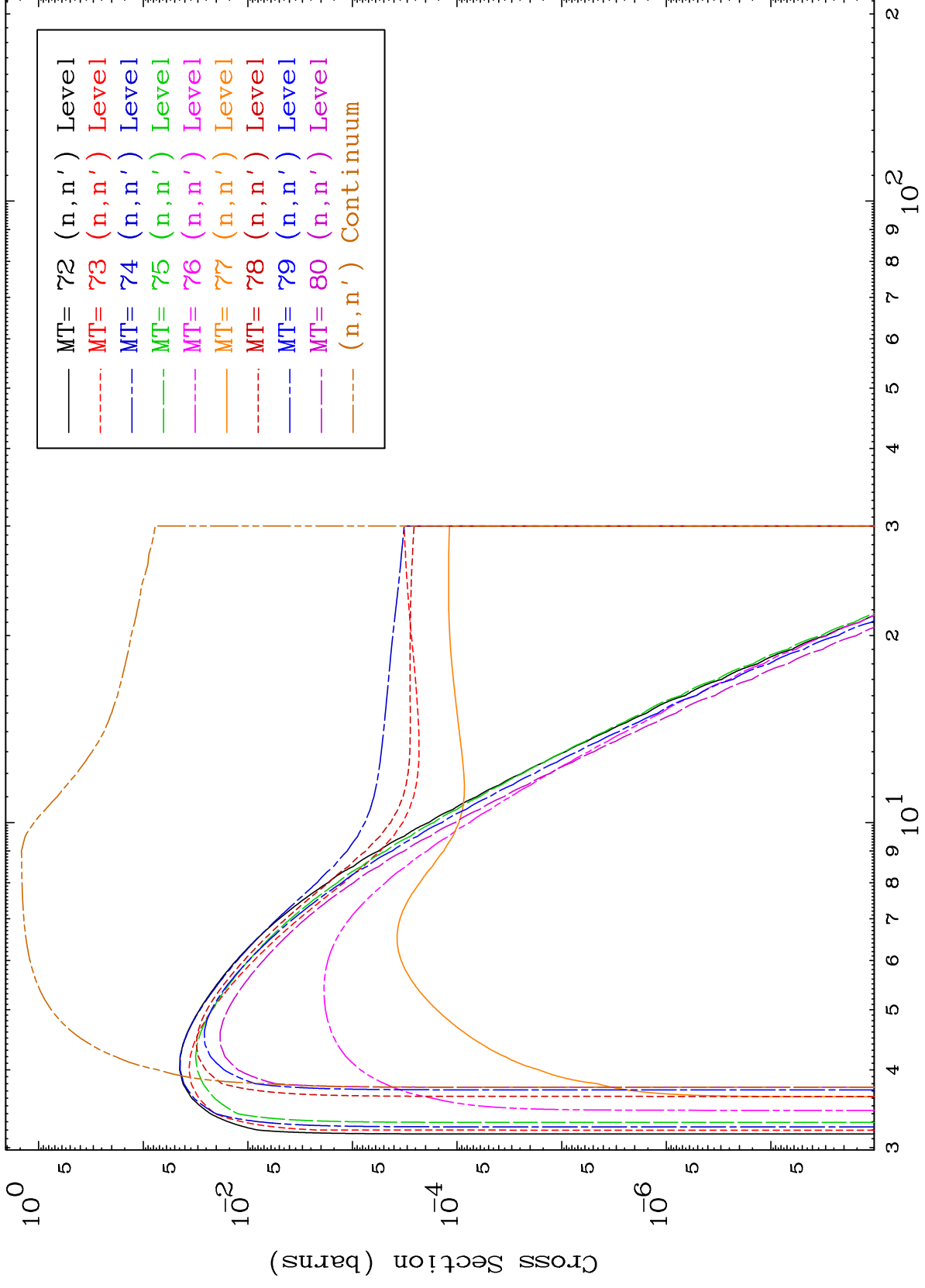
30-Zn-72

MAT 3049

(n,n') Level

30-Zn-72

293 Kelvin Cross Sections



9

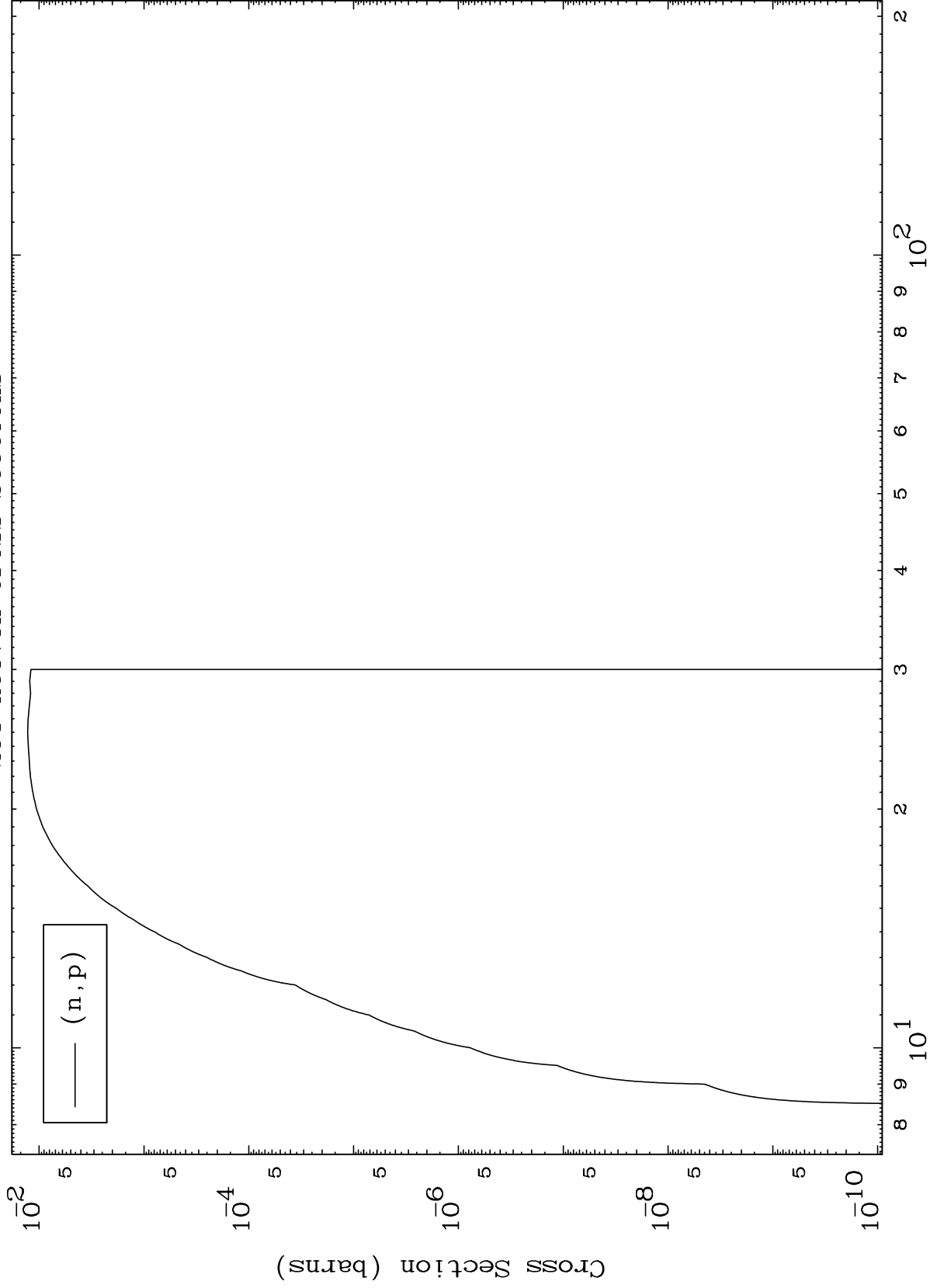
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-72



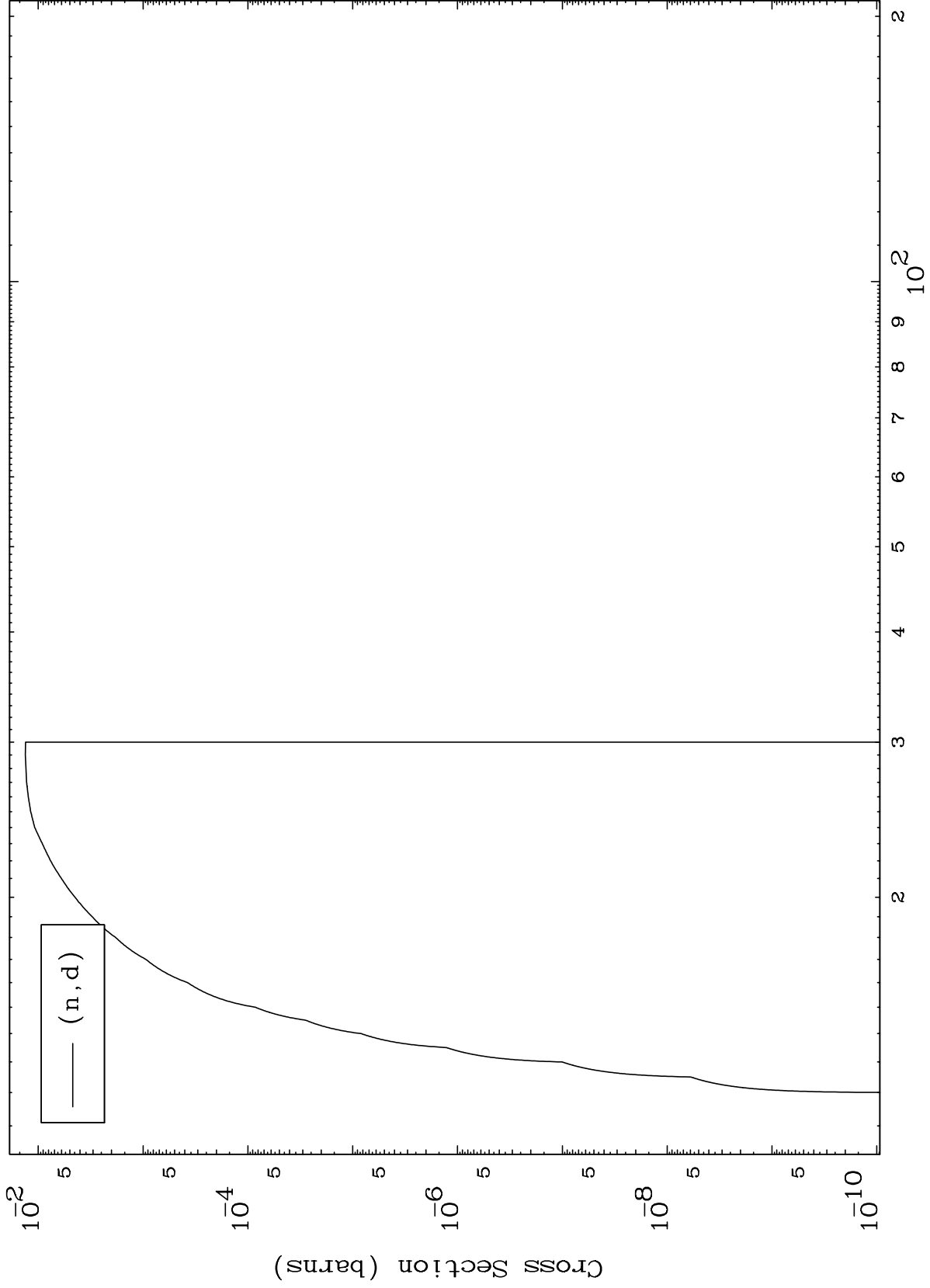
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,d) Levels  
293 Kelvin Cross Sections

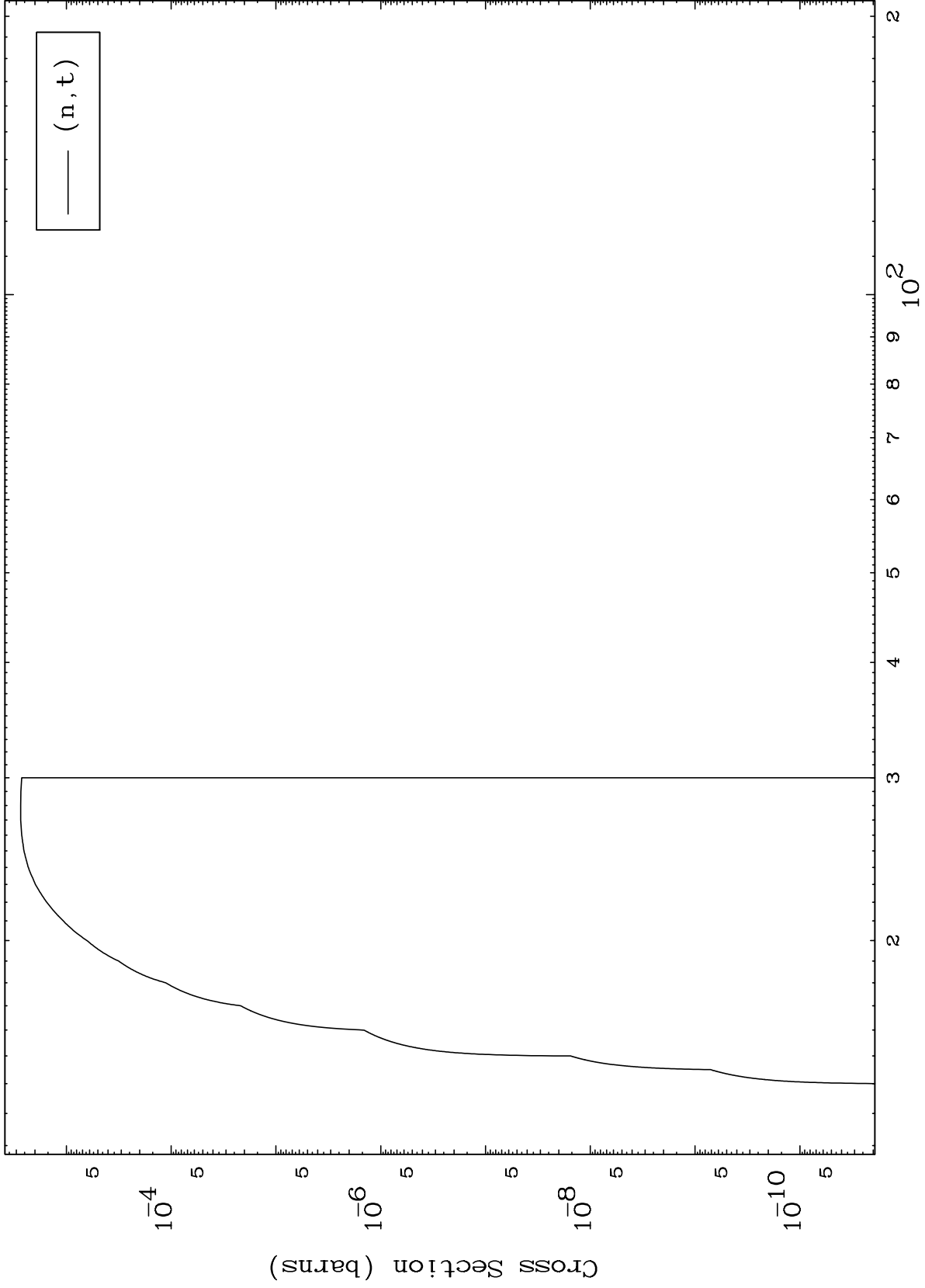
30-Zn-72



MAT 3049

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-72



12

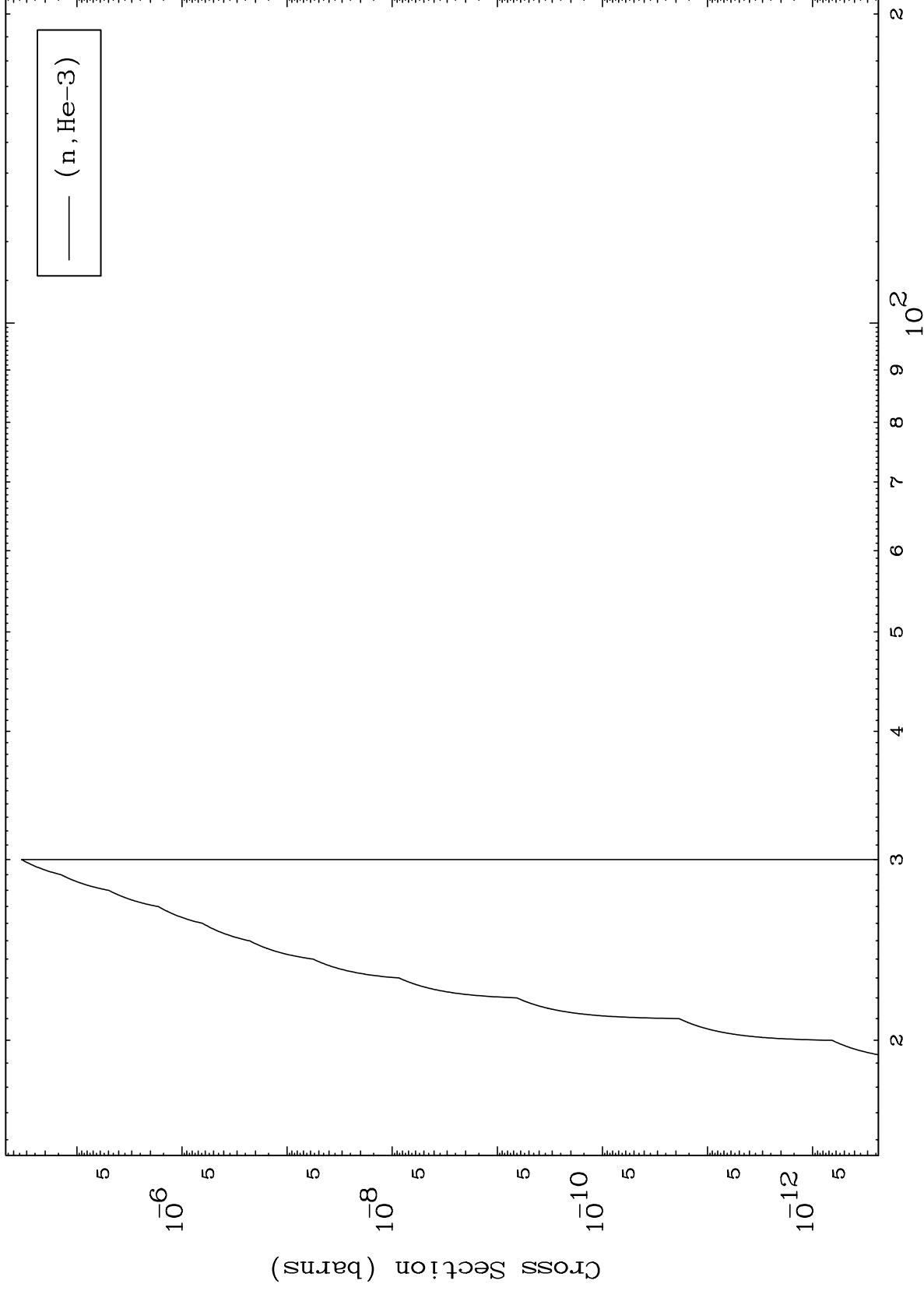
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-72



13

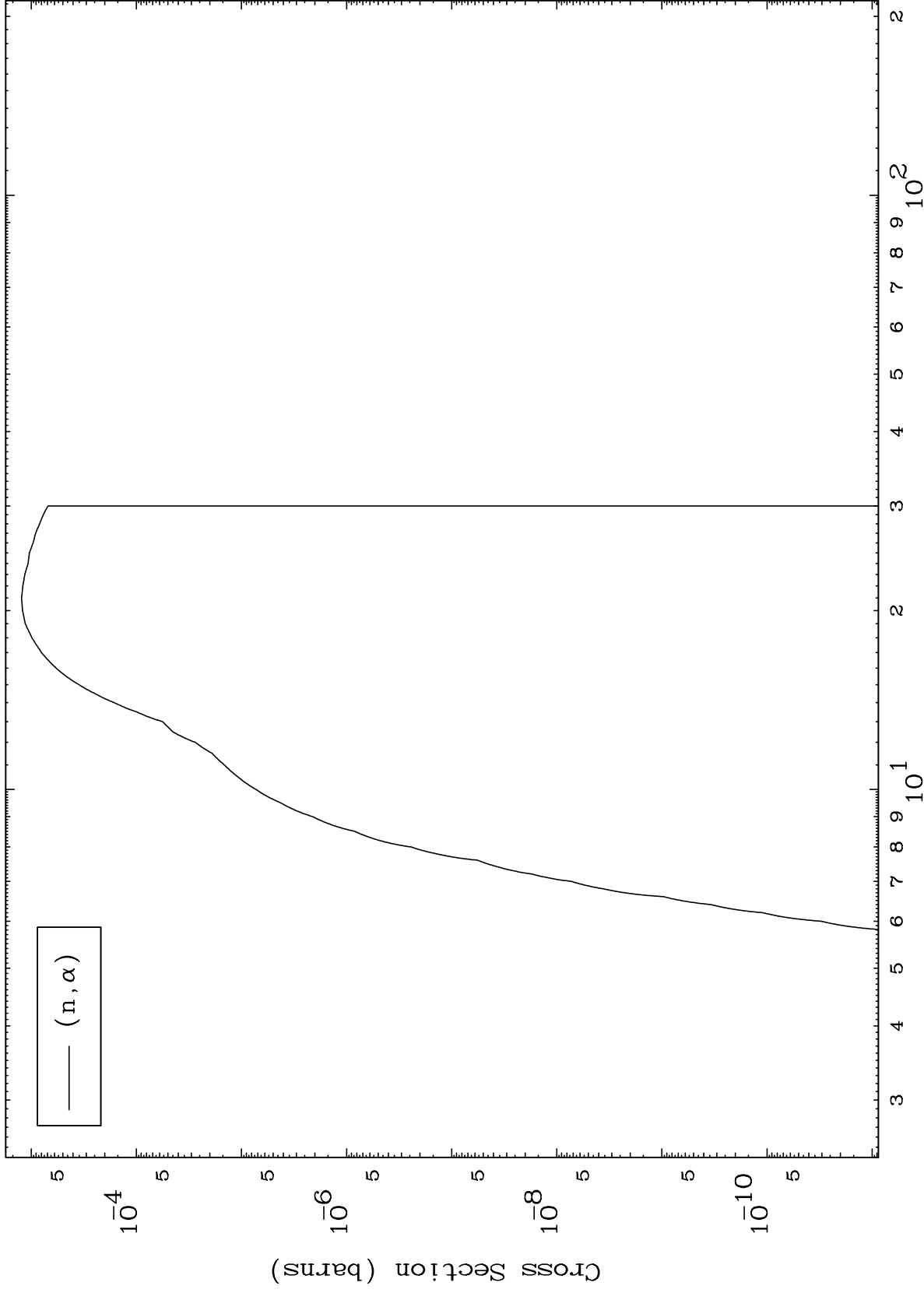
Incident Energy (MeV)

30-Zn-72

MAT 3049

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

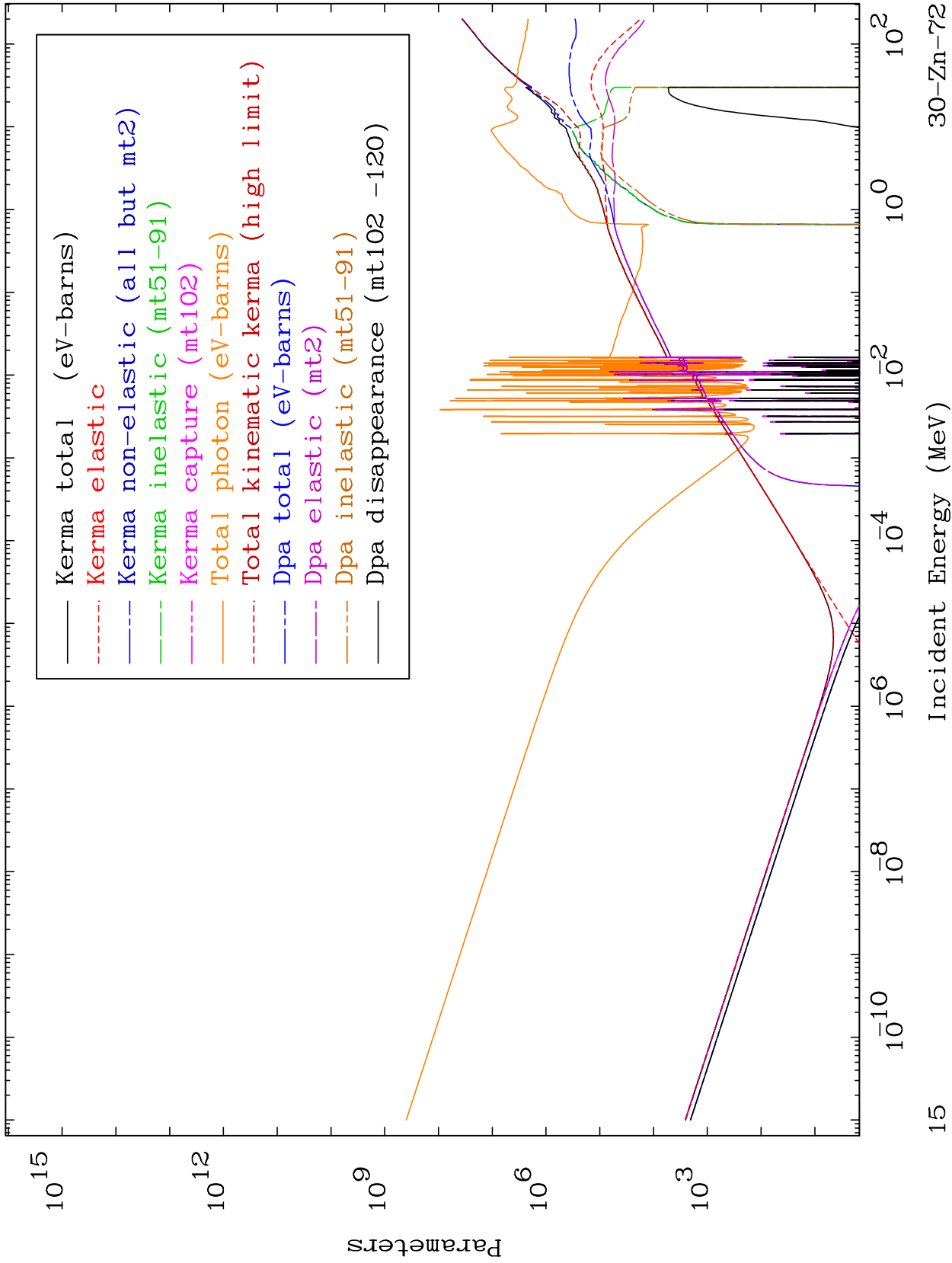
30-Zn-72



14

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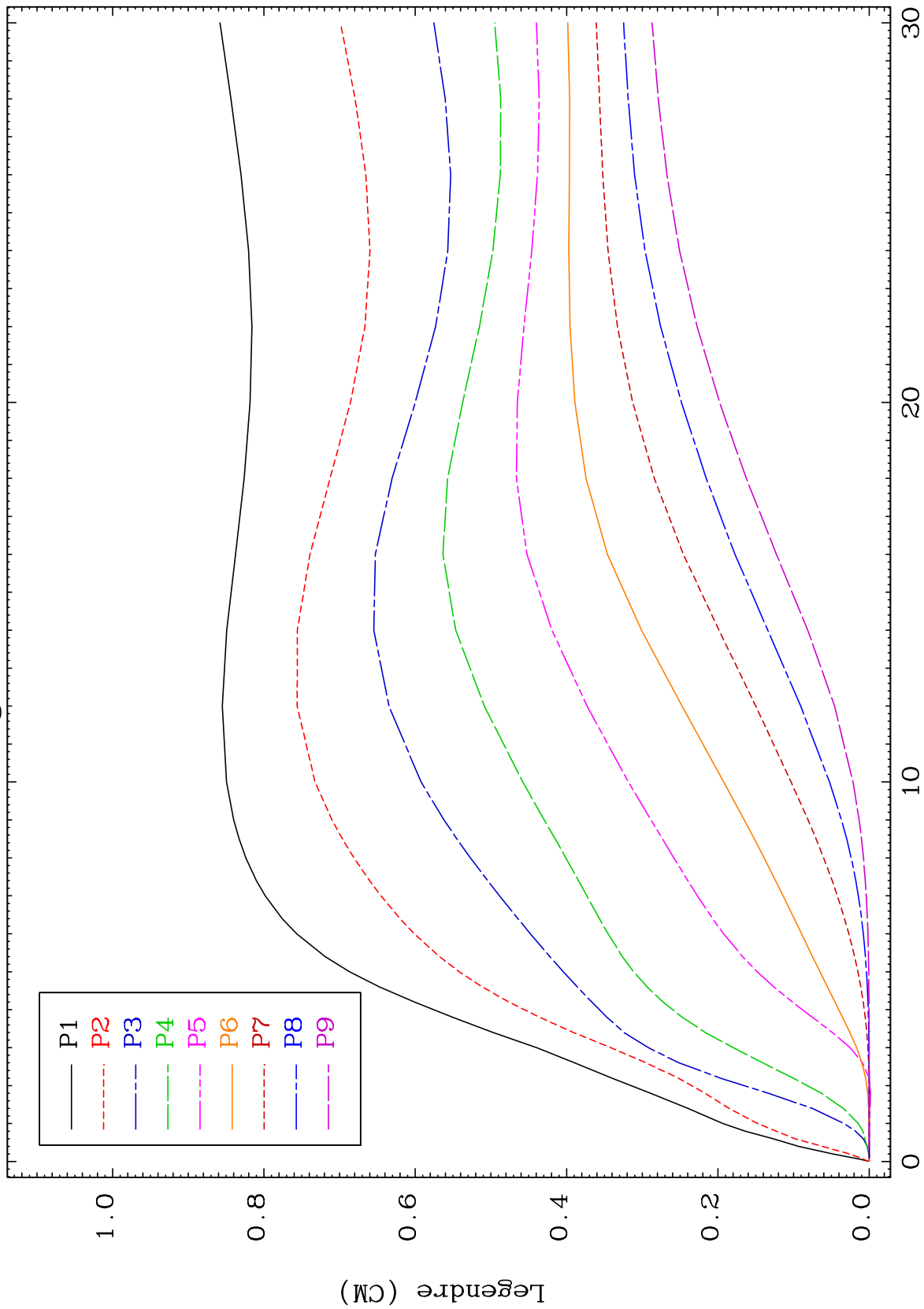
30-Zn-72



MAT 3049

Elastic Legendre Coefficients

30-Zn-72



16

Incident Energy (MeV)

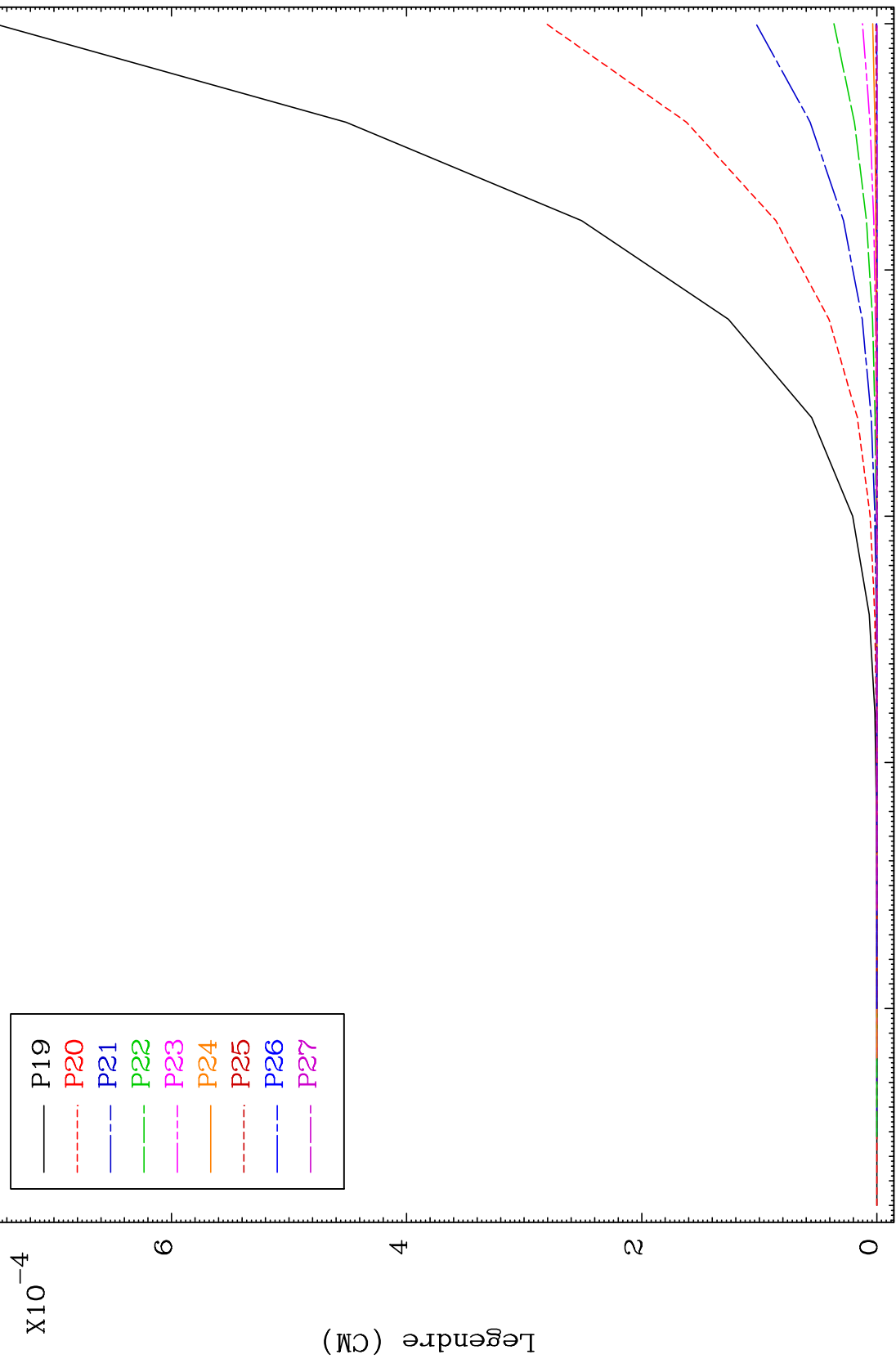
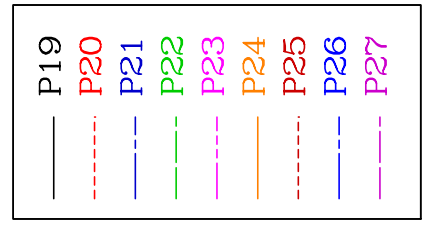
30-Zn-72



MAT 3049

Elastic Legendre Coefficients

30-Zn-72



18

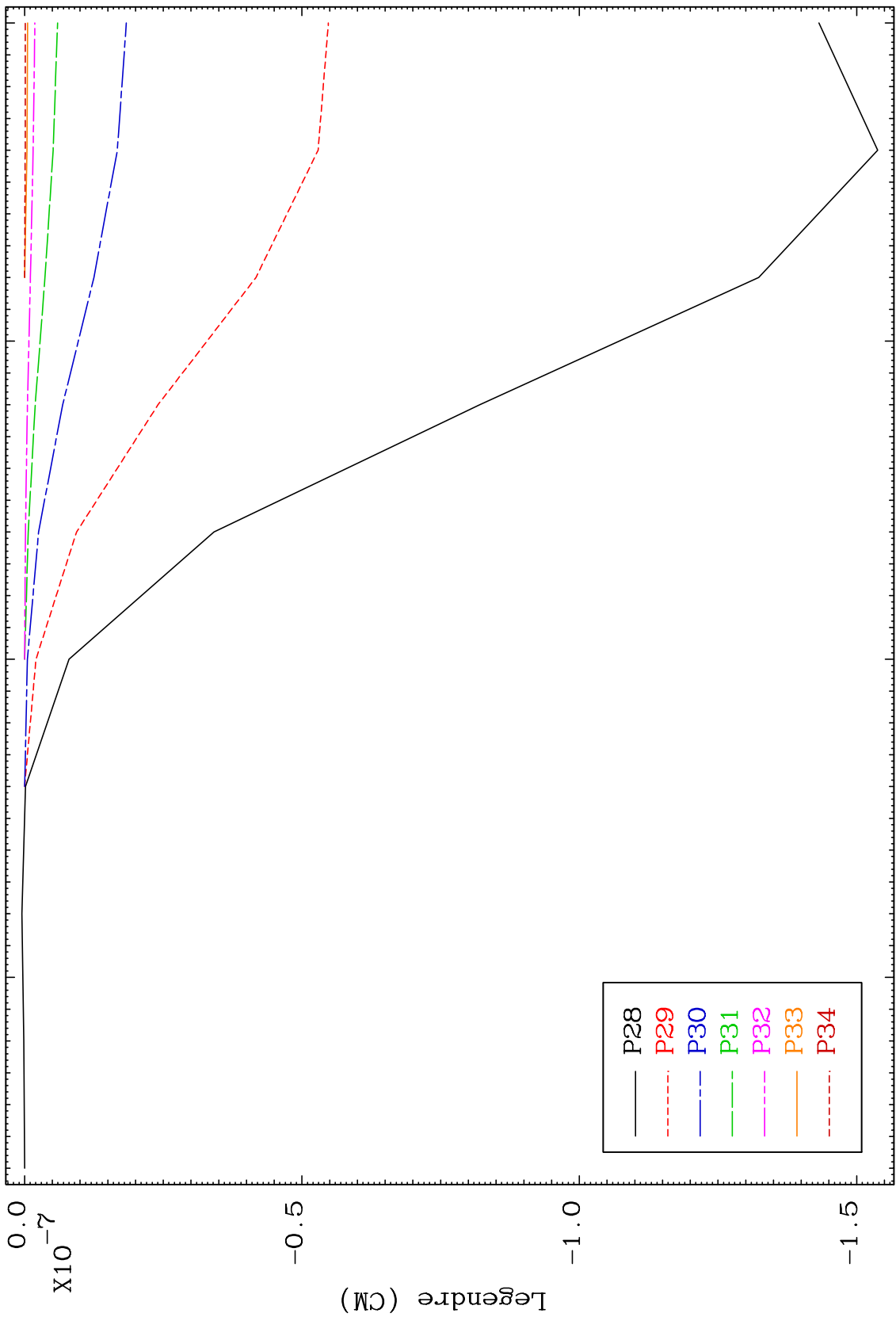
Incident Energy (MeV)

30-Zn-72

MAT 3049

30-Zn-72

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>

30

25

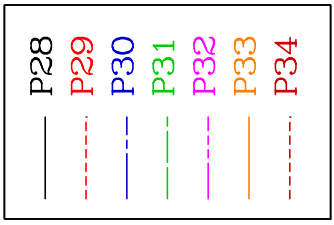
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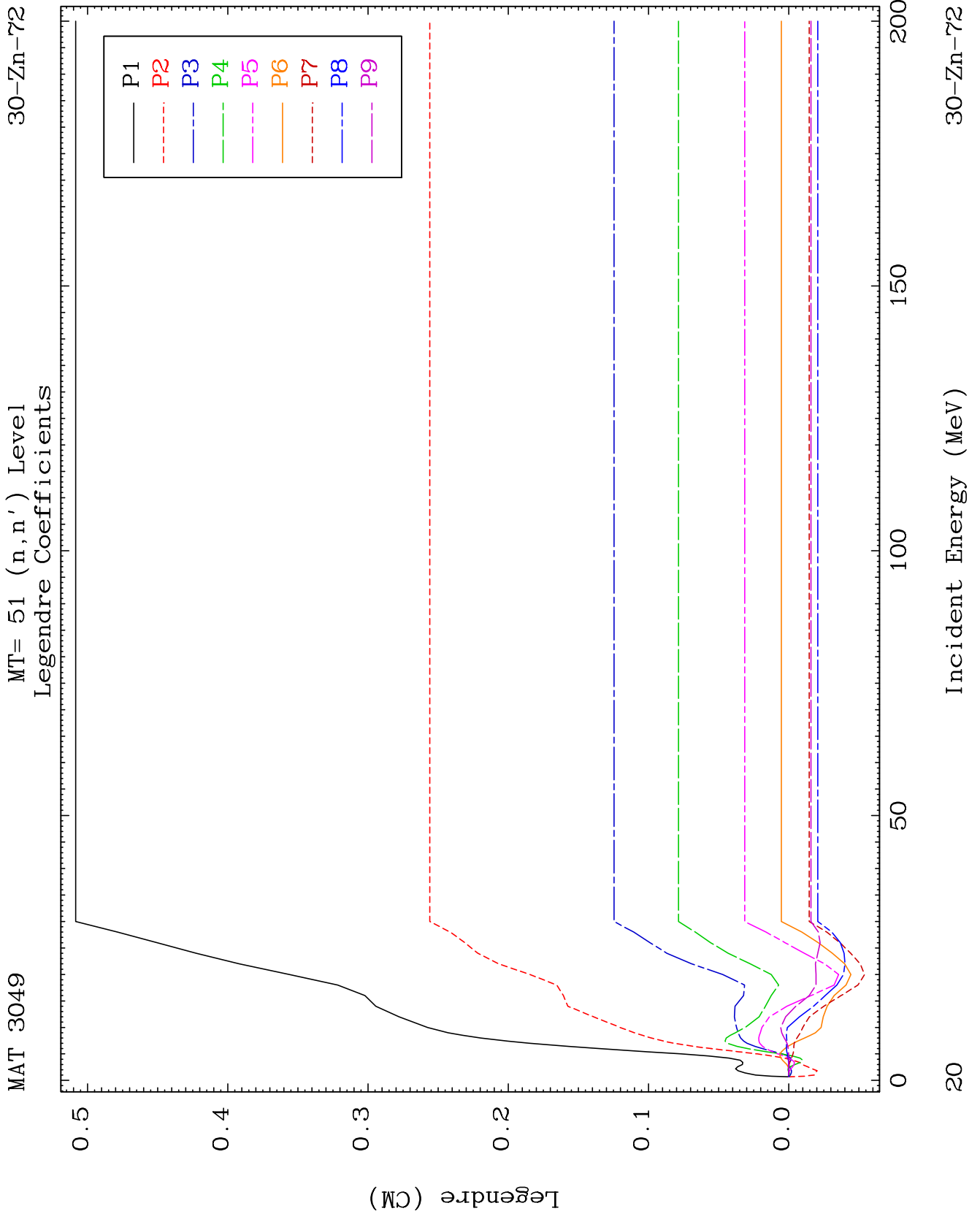
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19

Incident Energy (MeV)

30-Zn-72

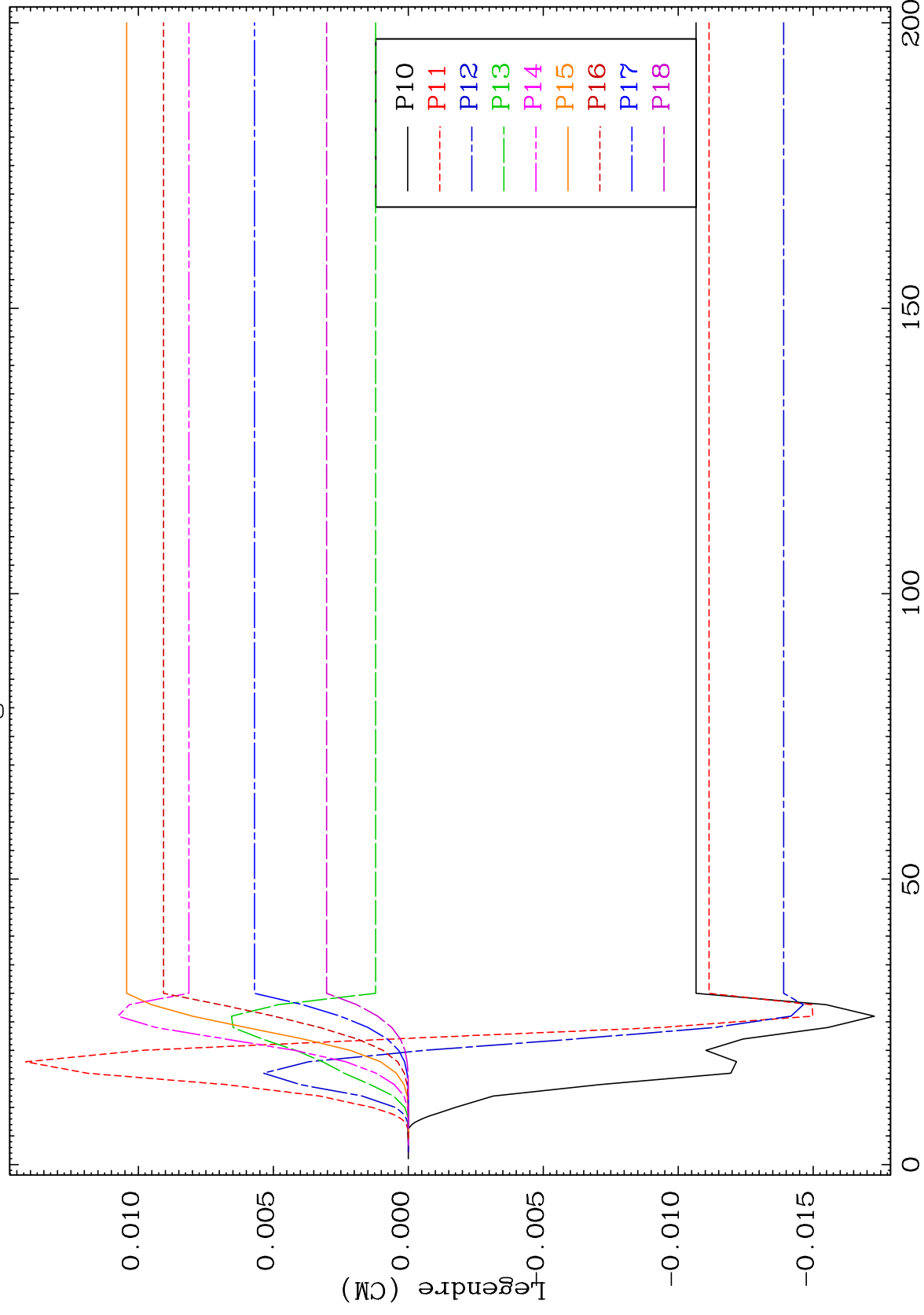




MAT 3049

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

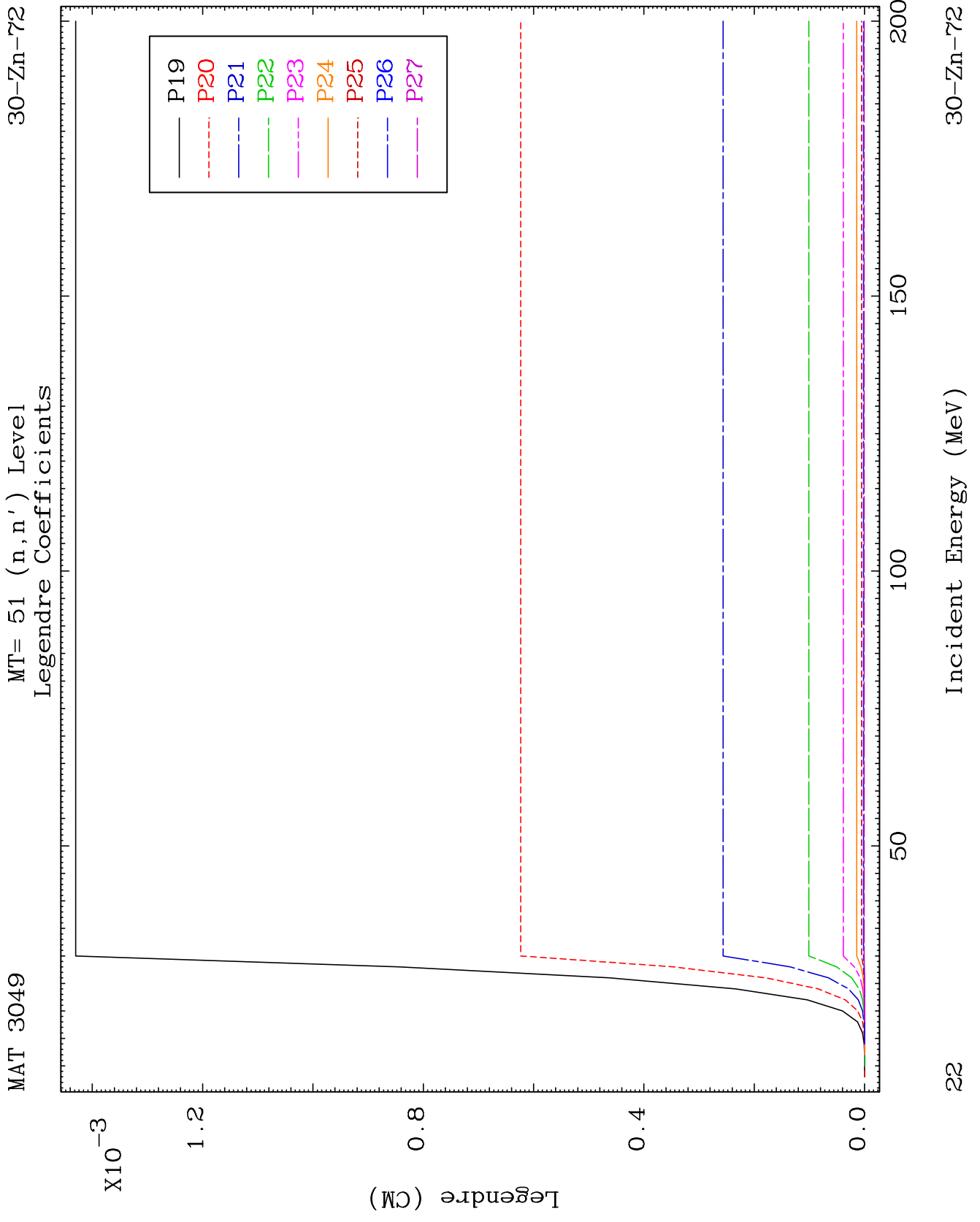
30-Zn-72

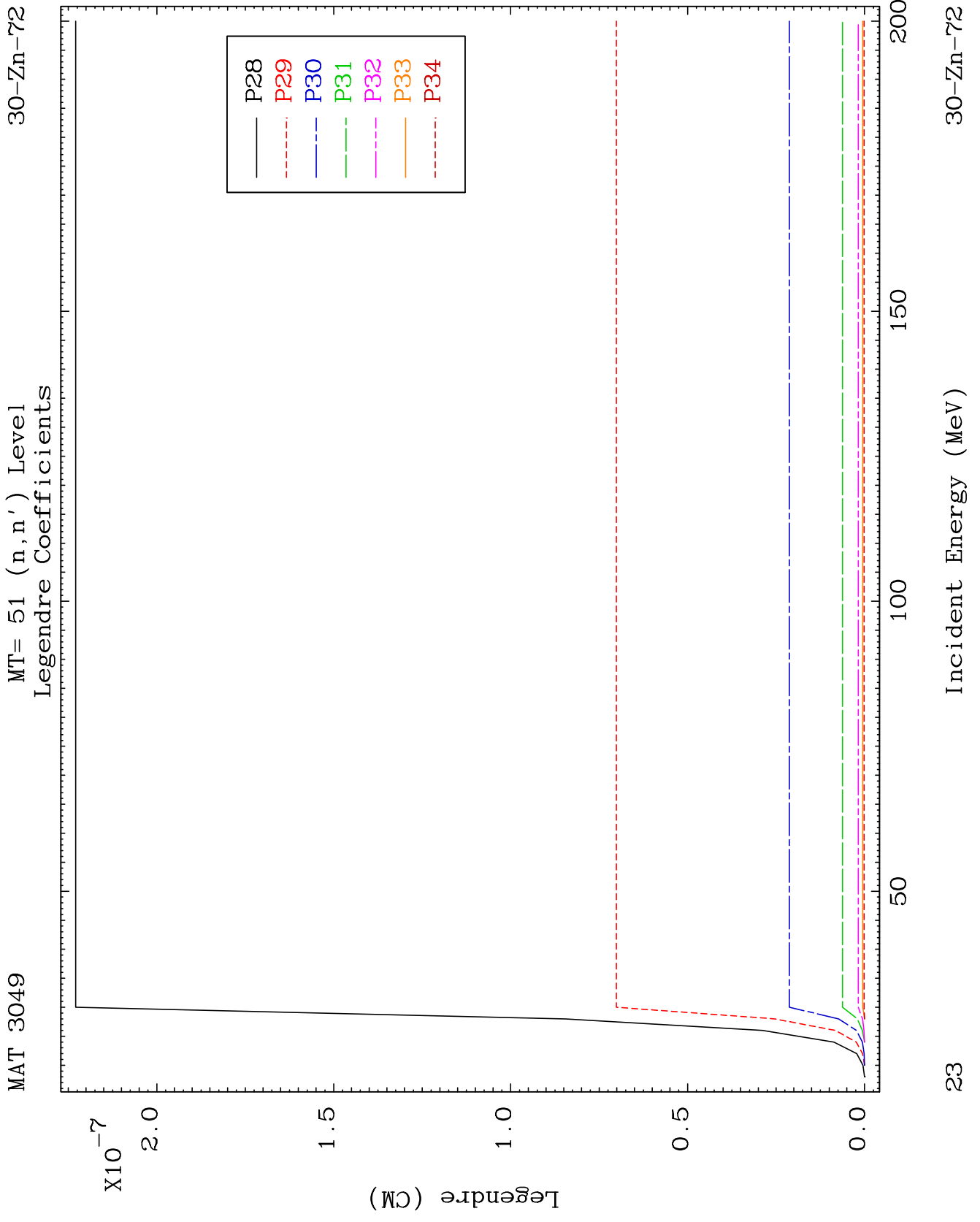


21

Incident Energy (MeV)

30-Zn-72

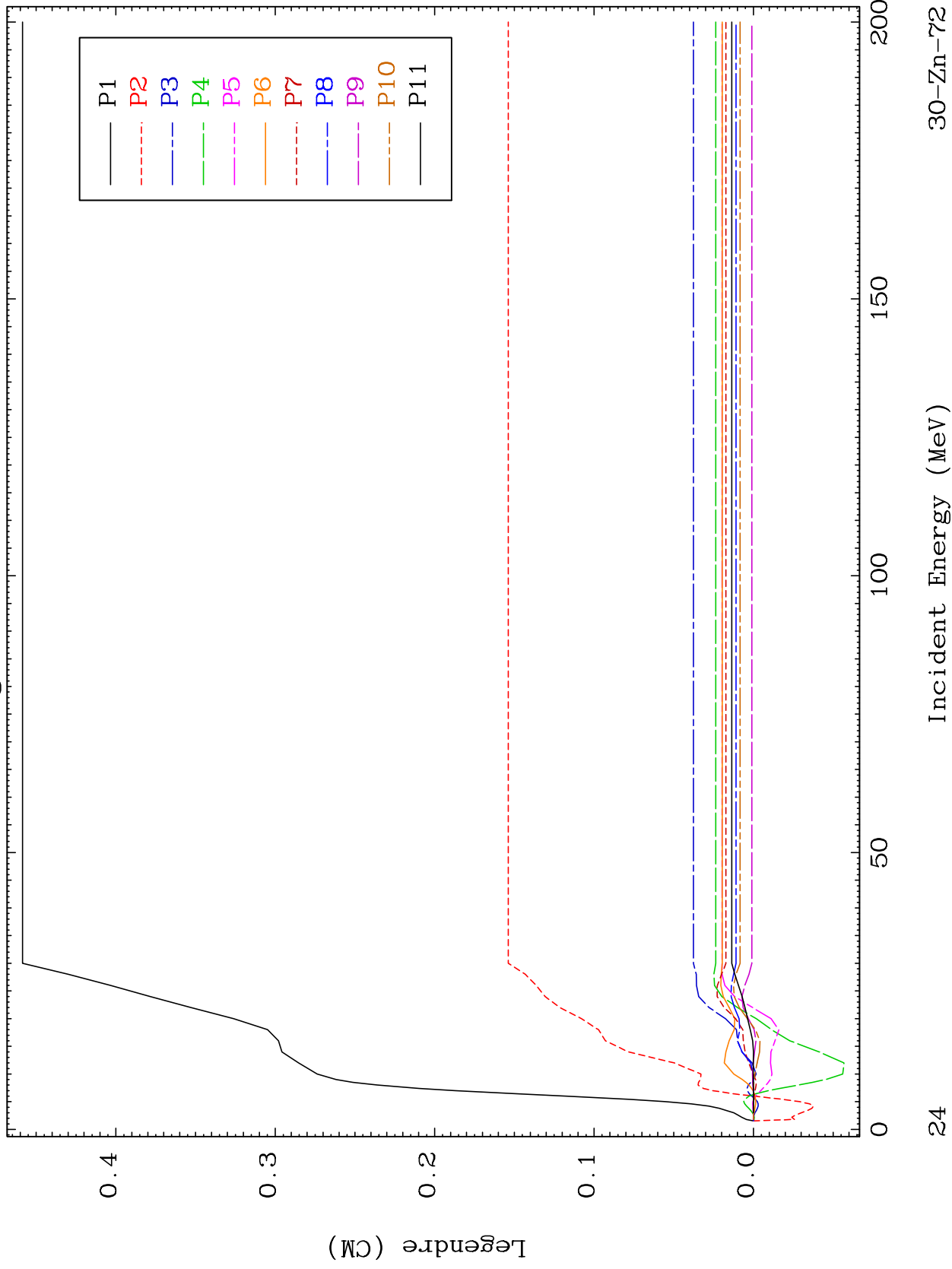




MAT 3049

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

30-Zn-72



24

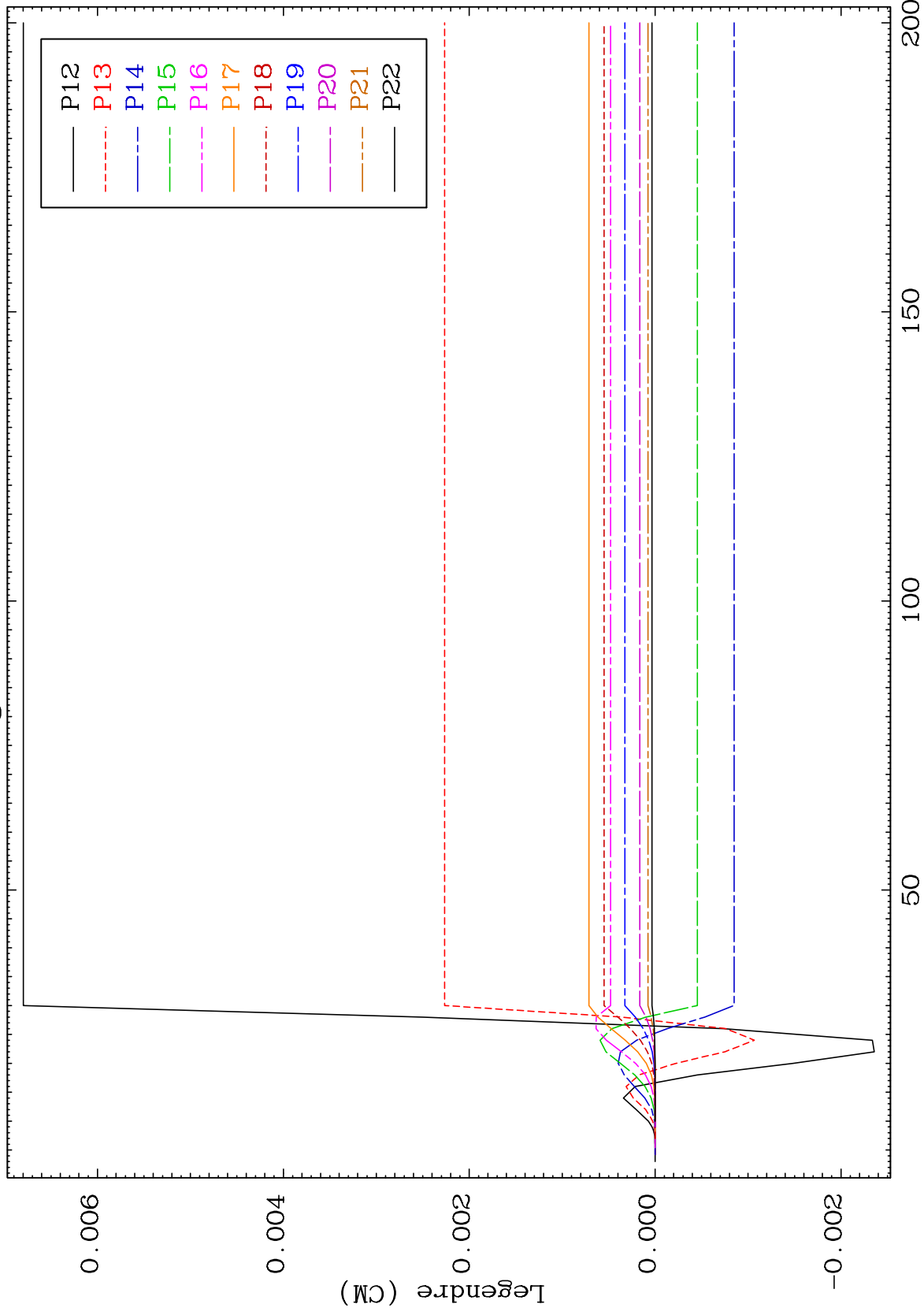
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



25

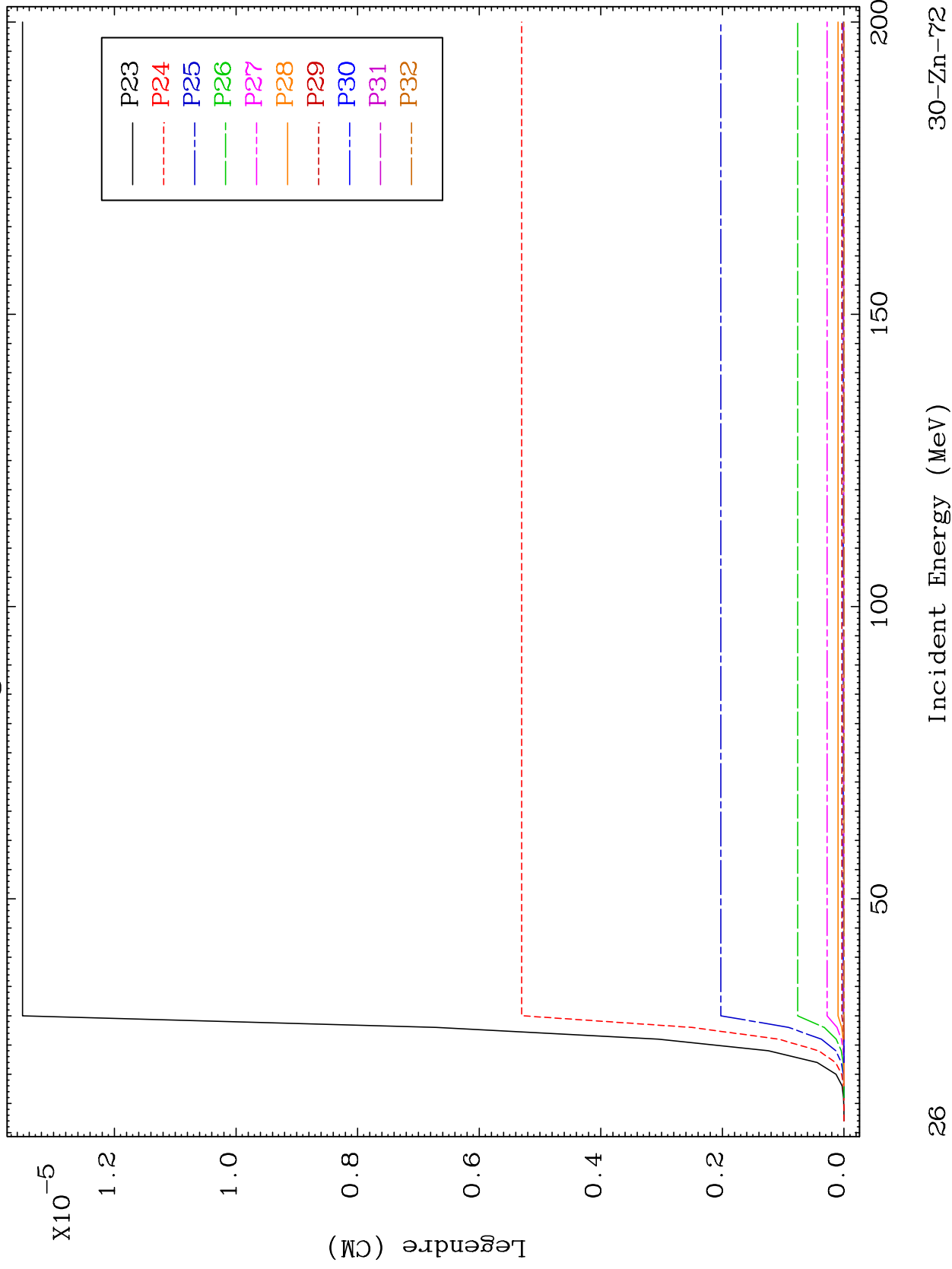
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



26

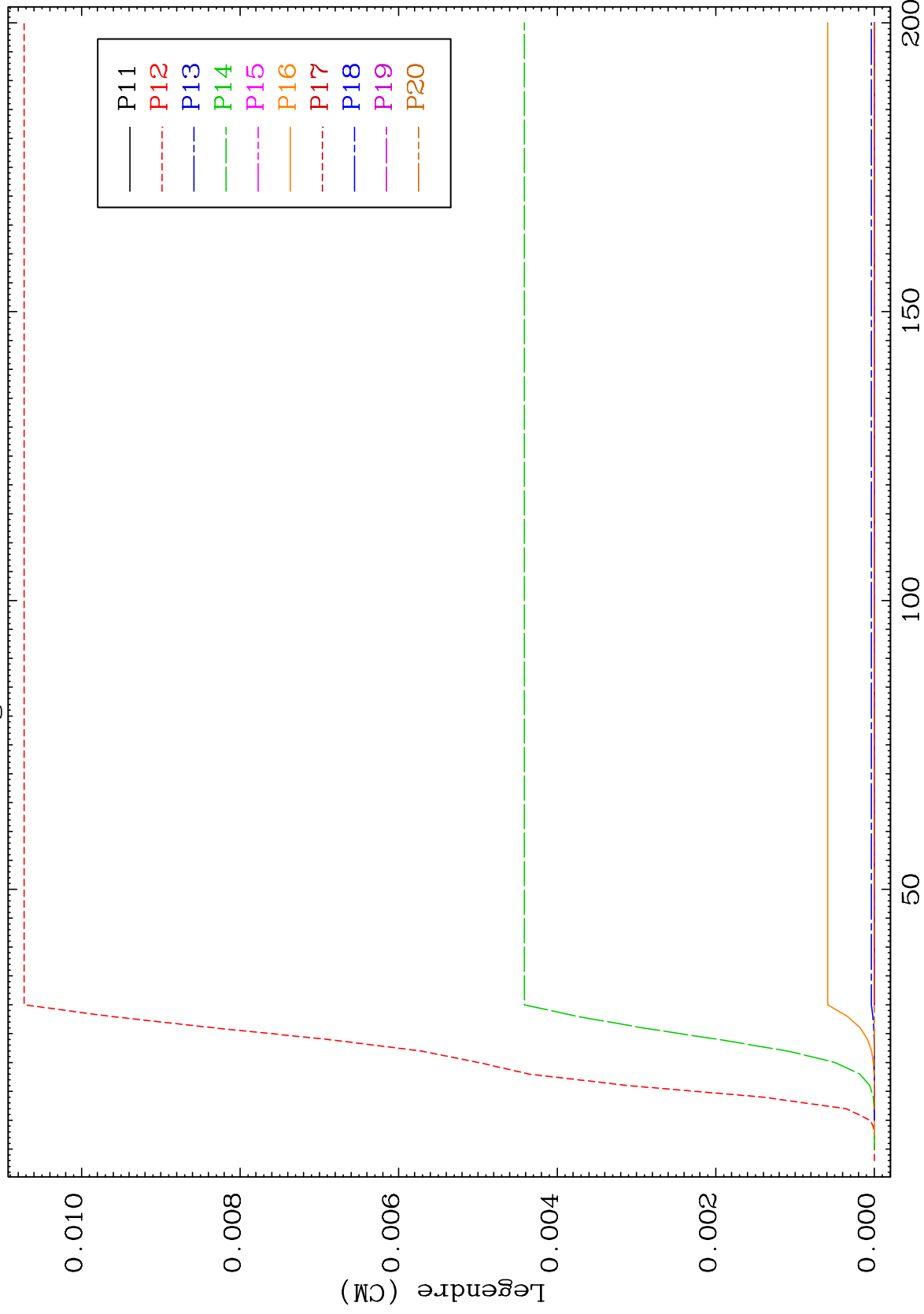
30-Zn-72



MAT 3049

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

30-Zn-72



28

Incident Energy (MeV)

30-Zn-72

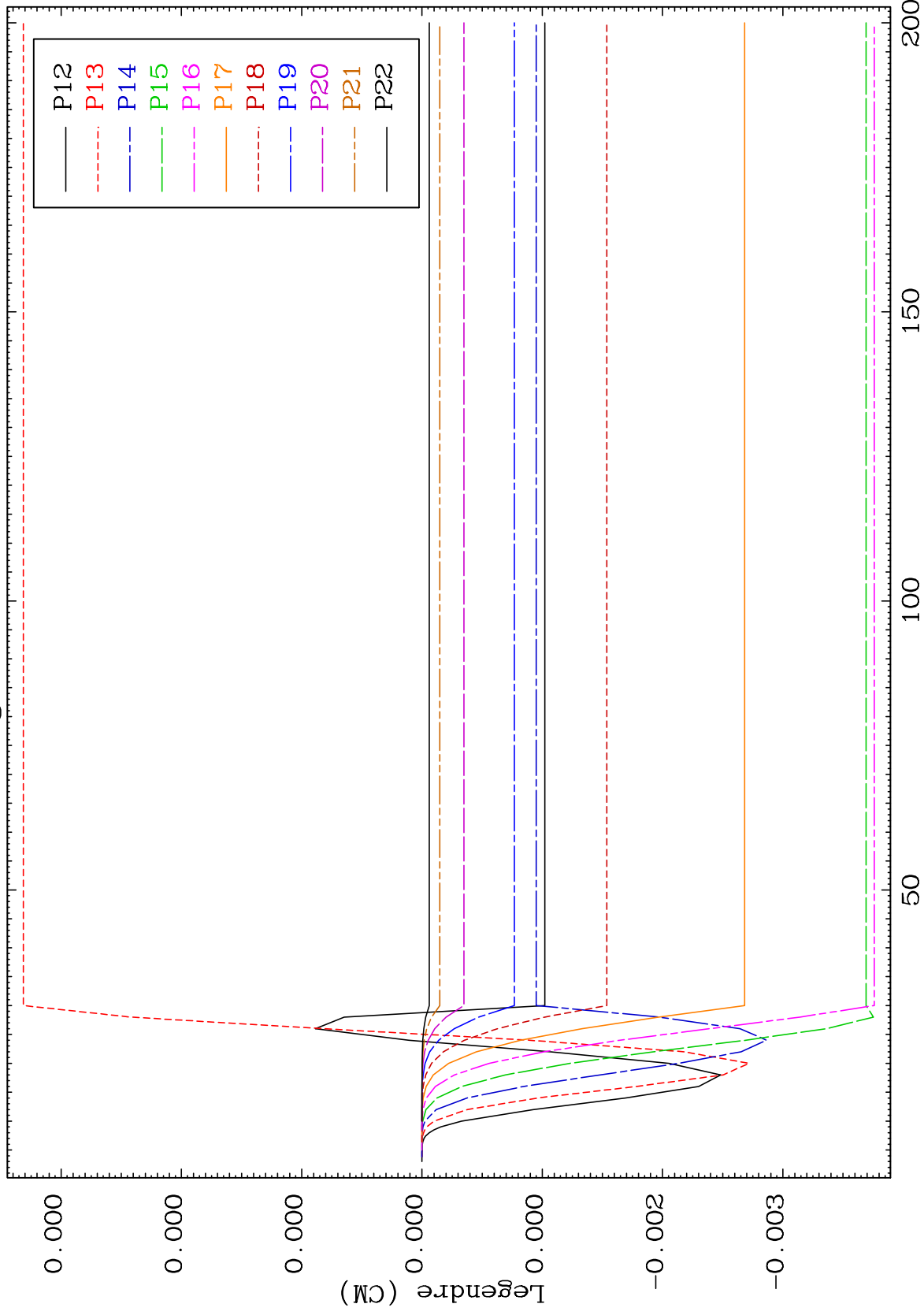




MAT 3049

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

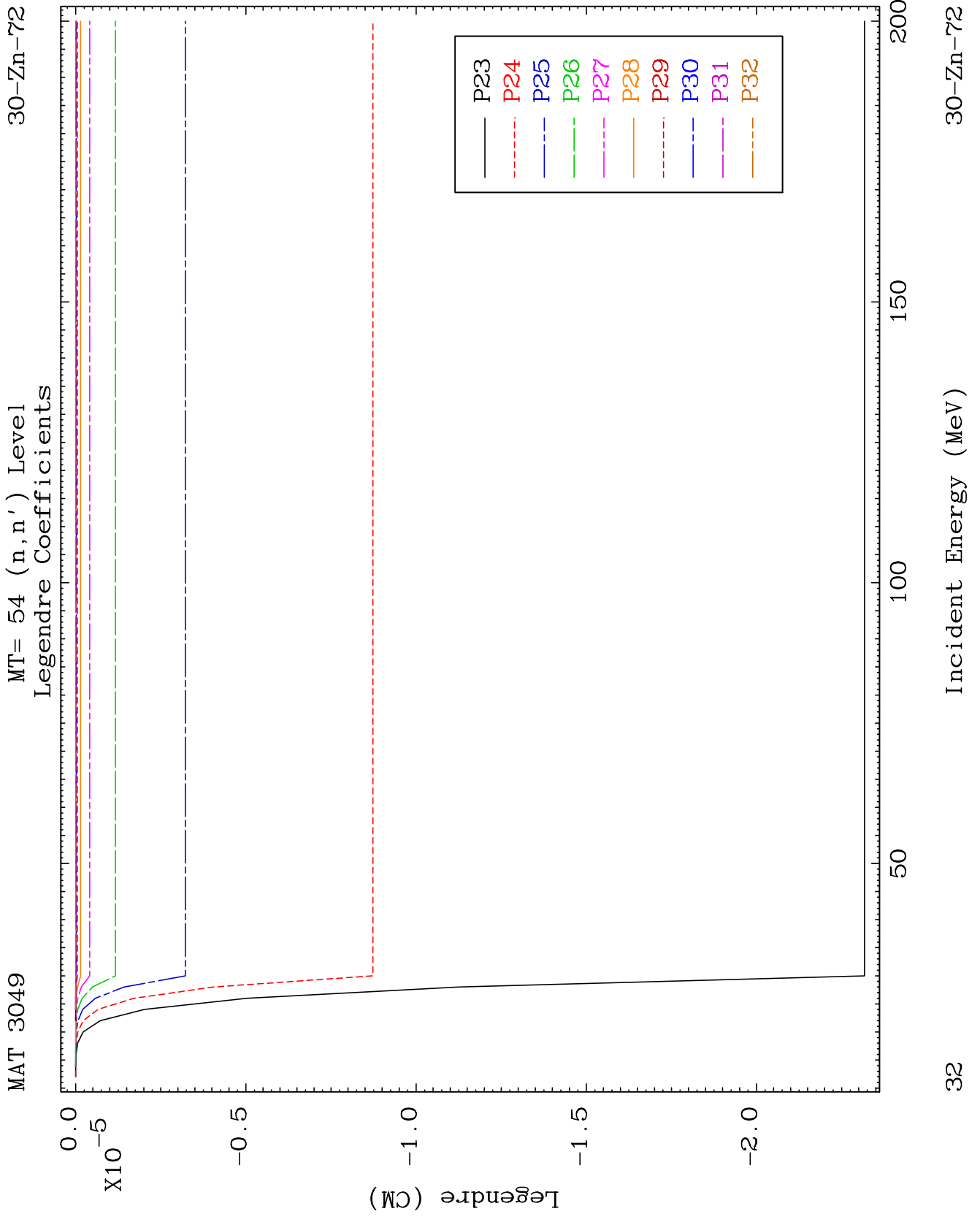
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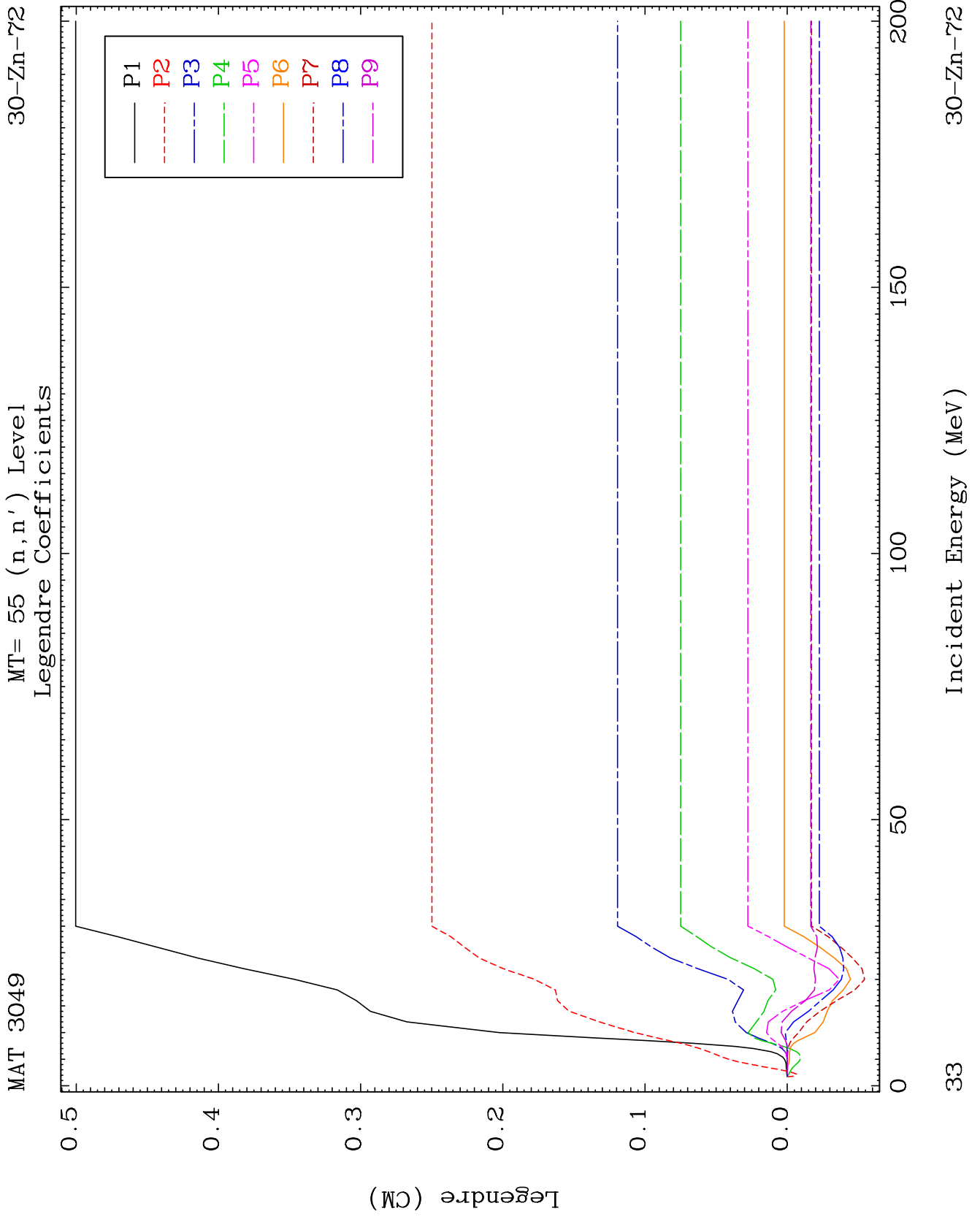


31

Incident Energy (MeV)

30-Zn-72

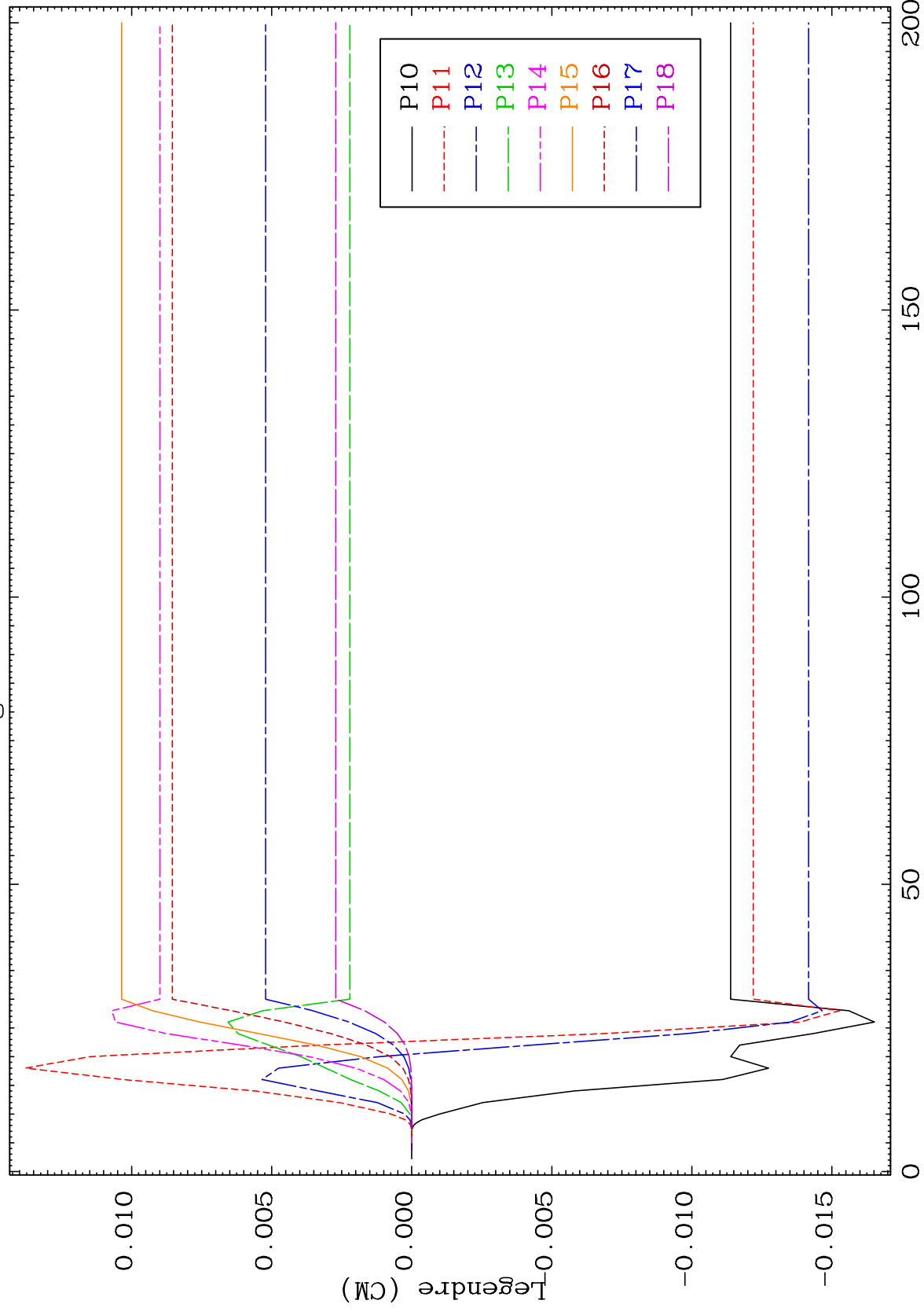




MAT 3049

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

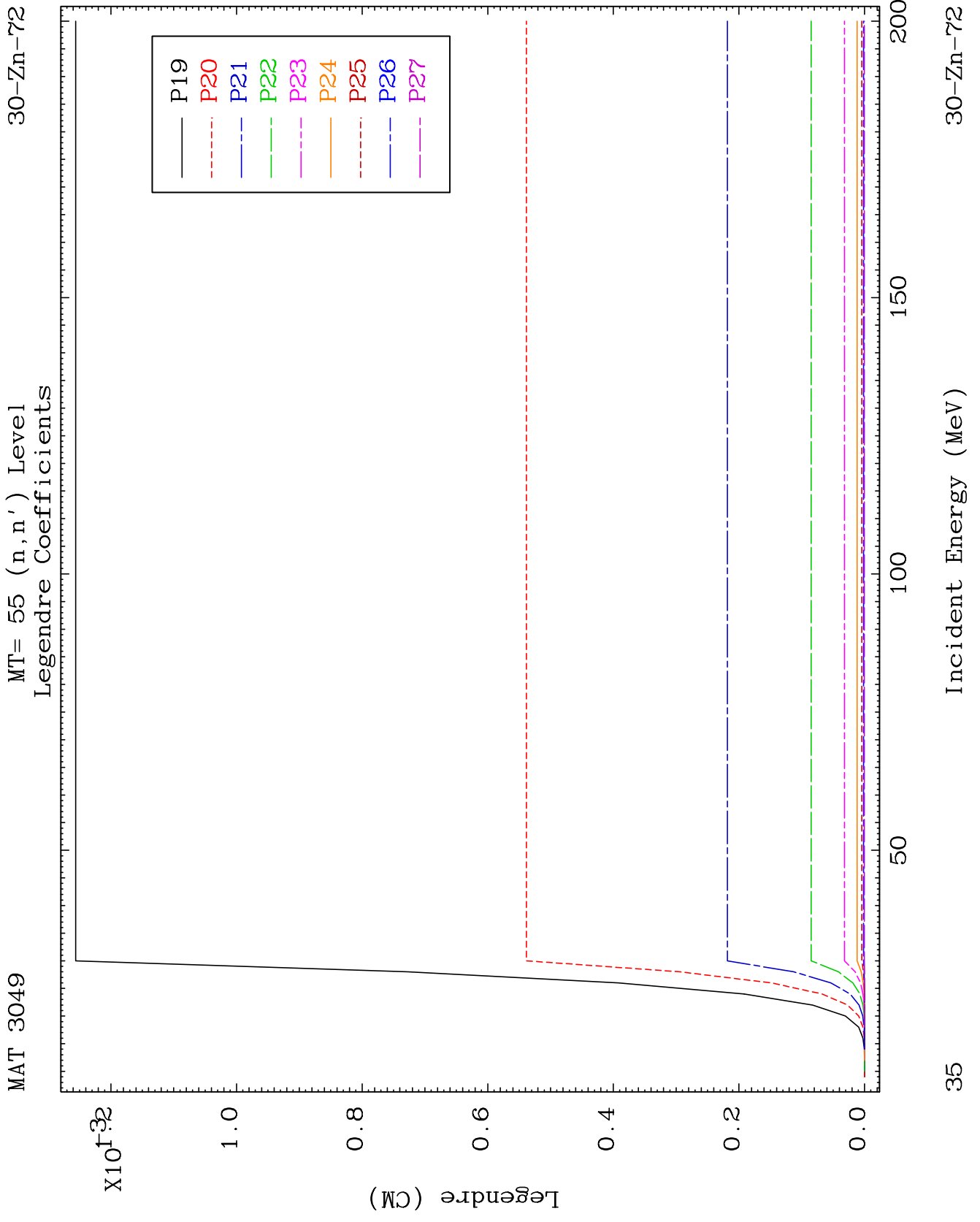
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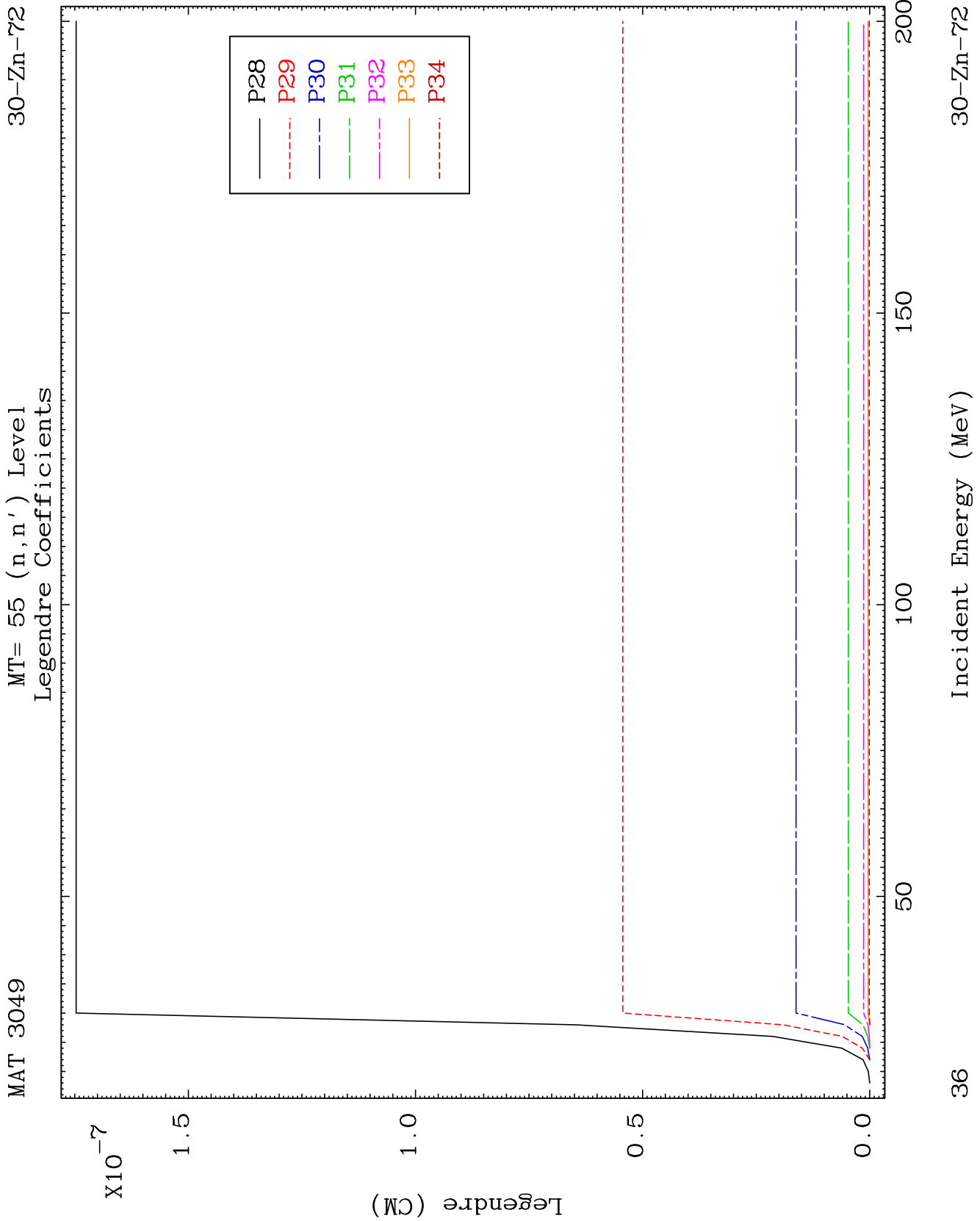


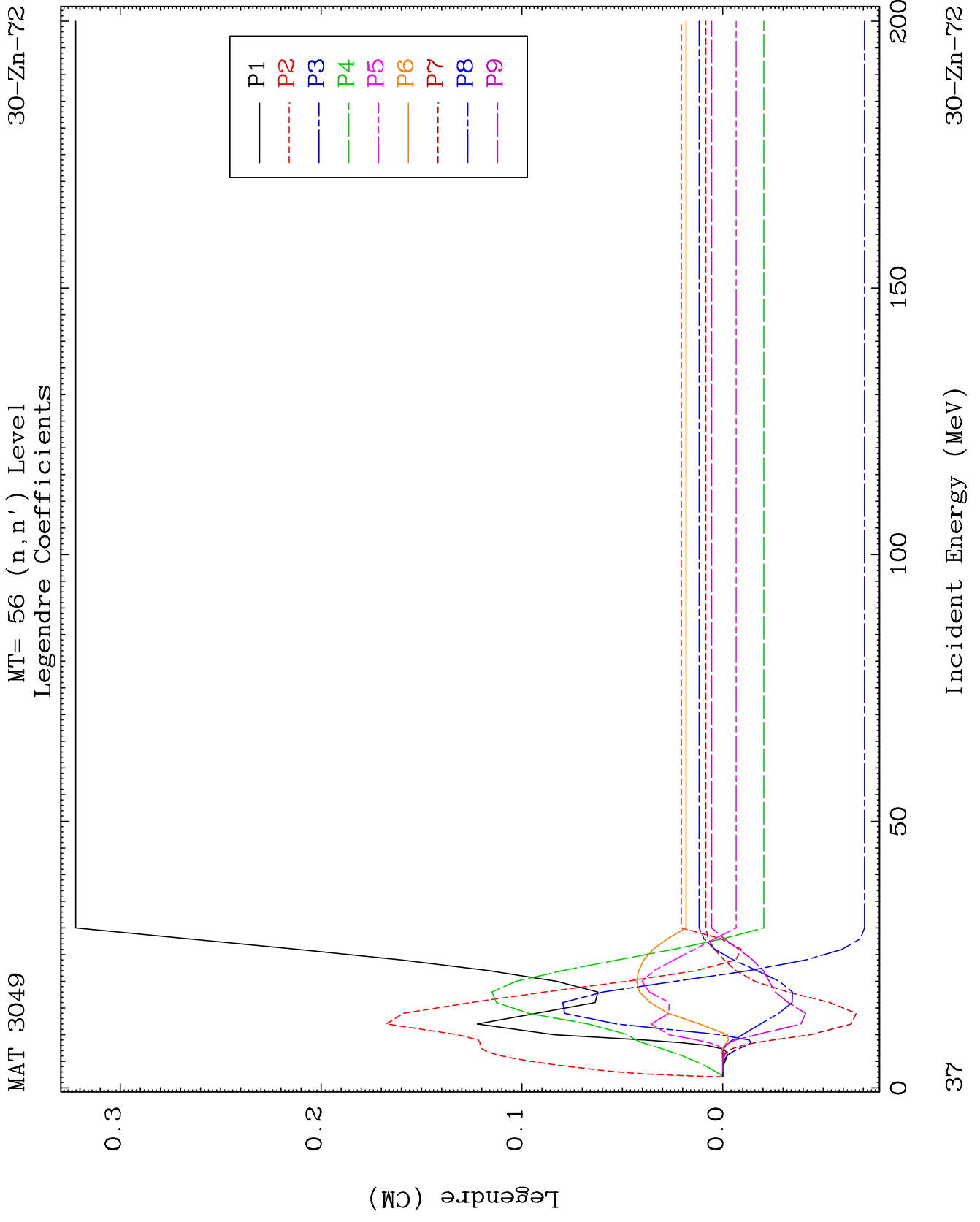
34

Incident Energy (MeV)

30-Zn-72



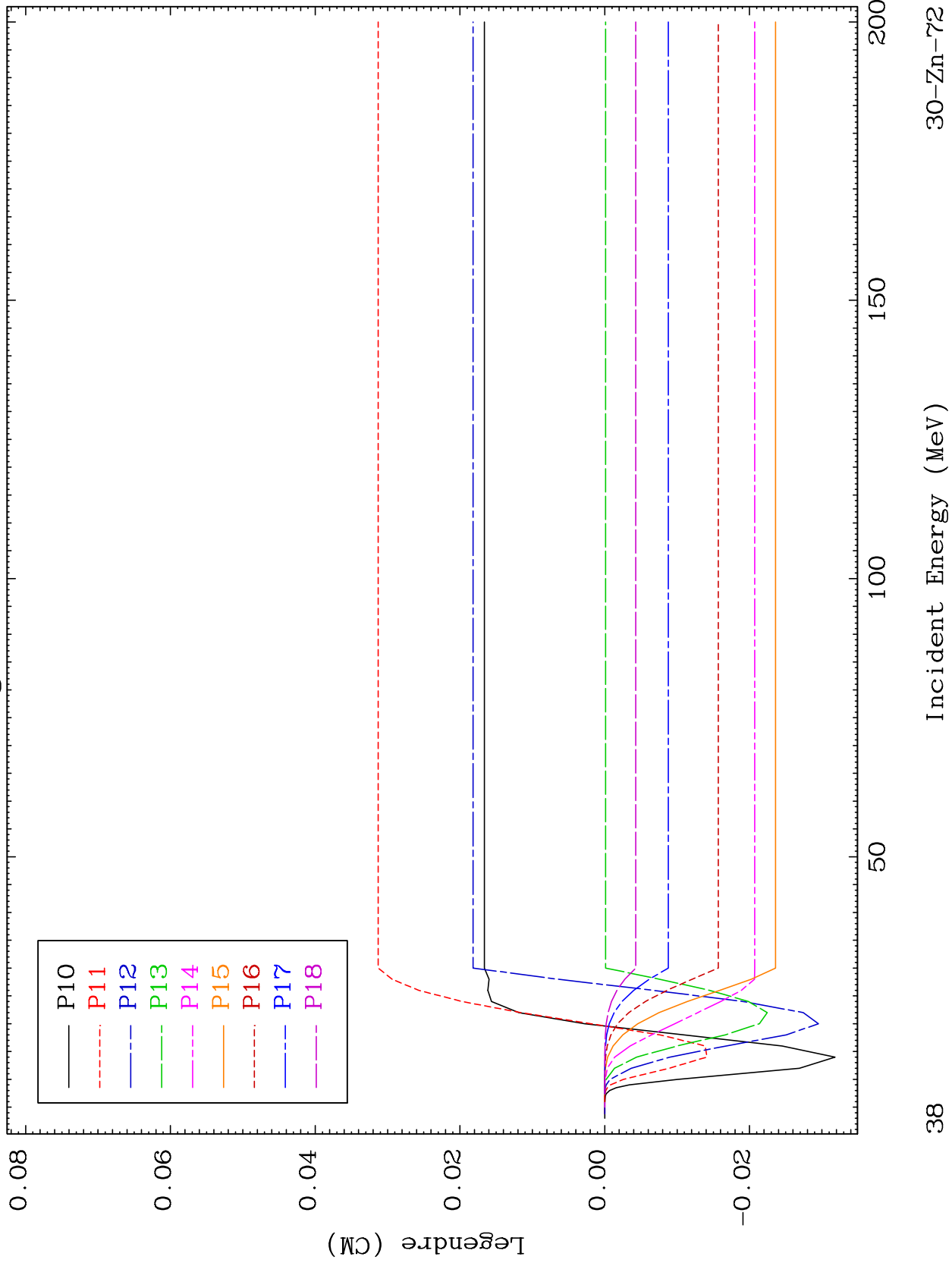




MAT 3049

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

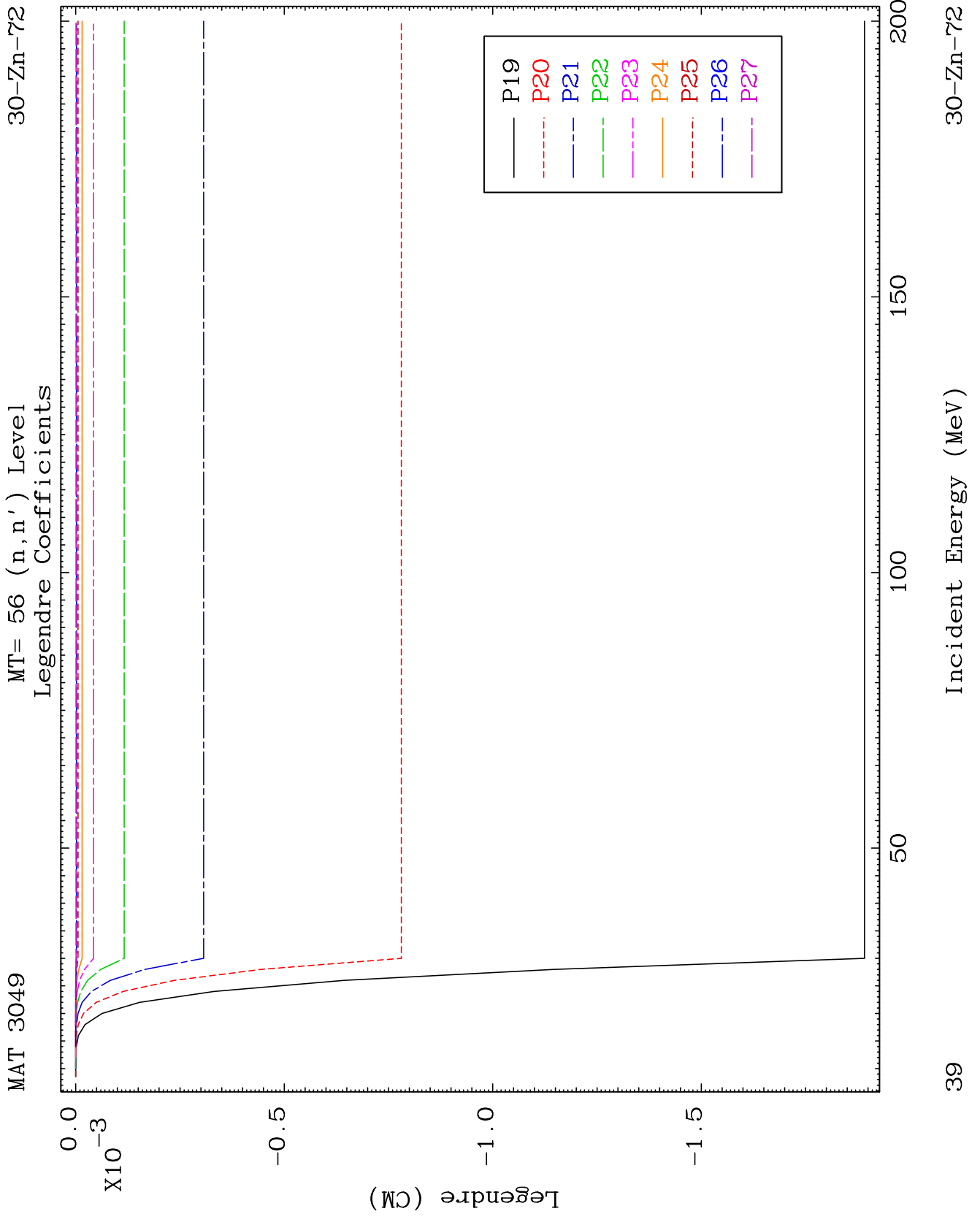
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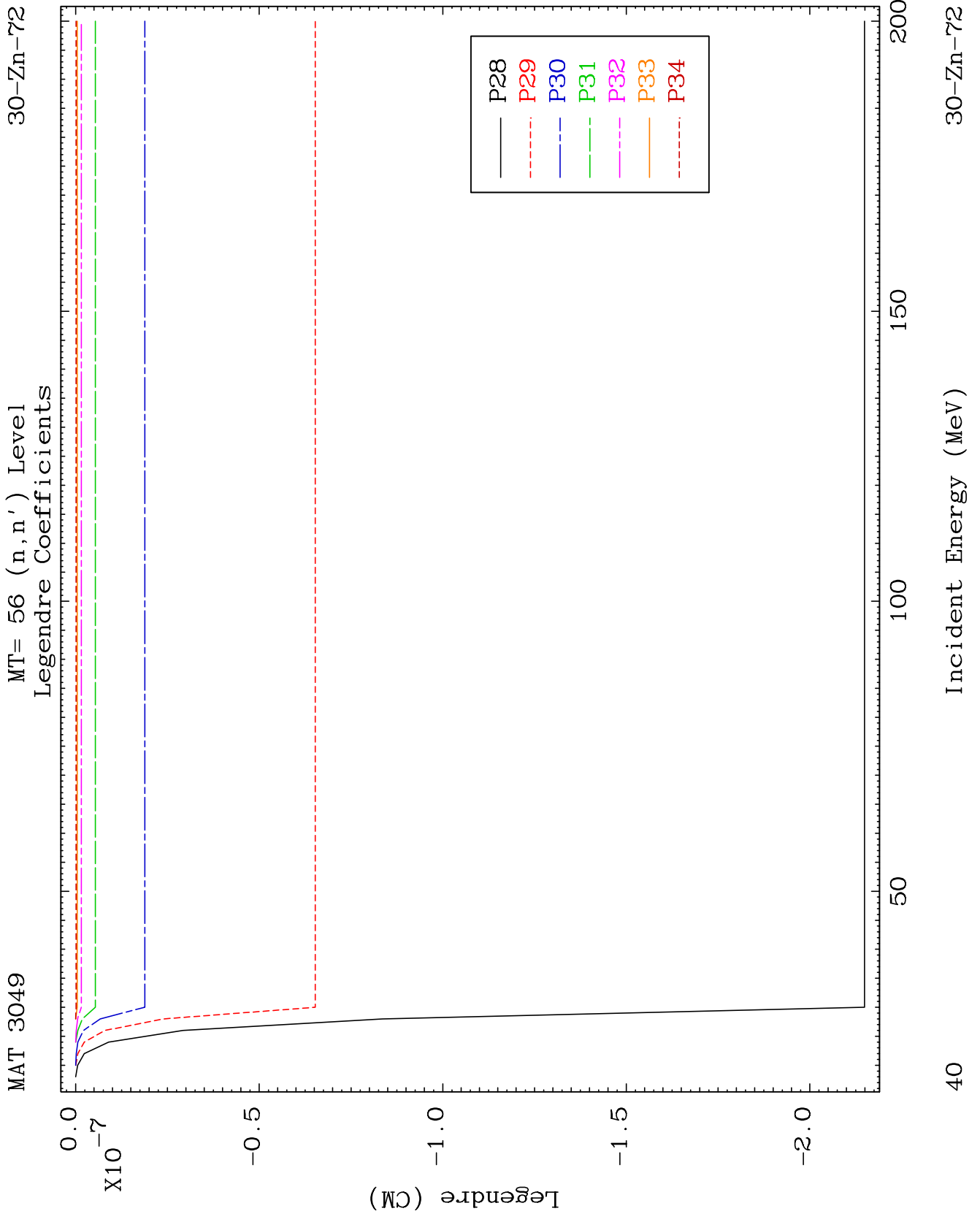


38

Incident Energy (MeV)

30-Zn-72

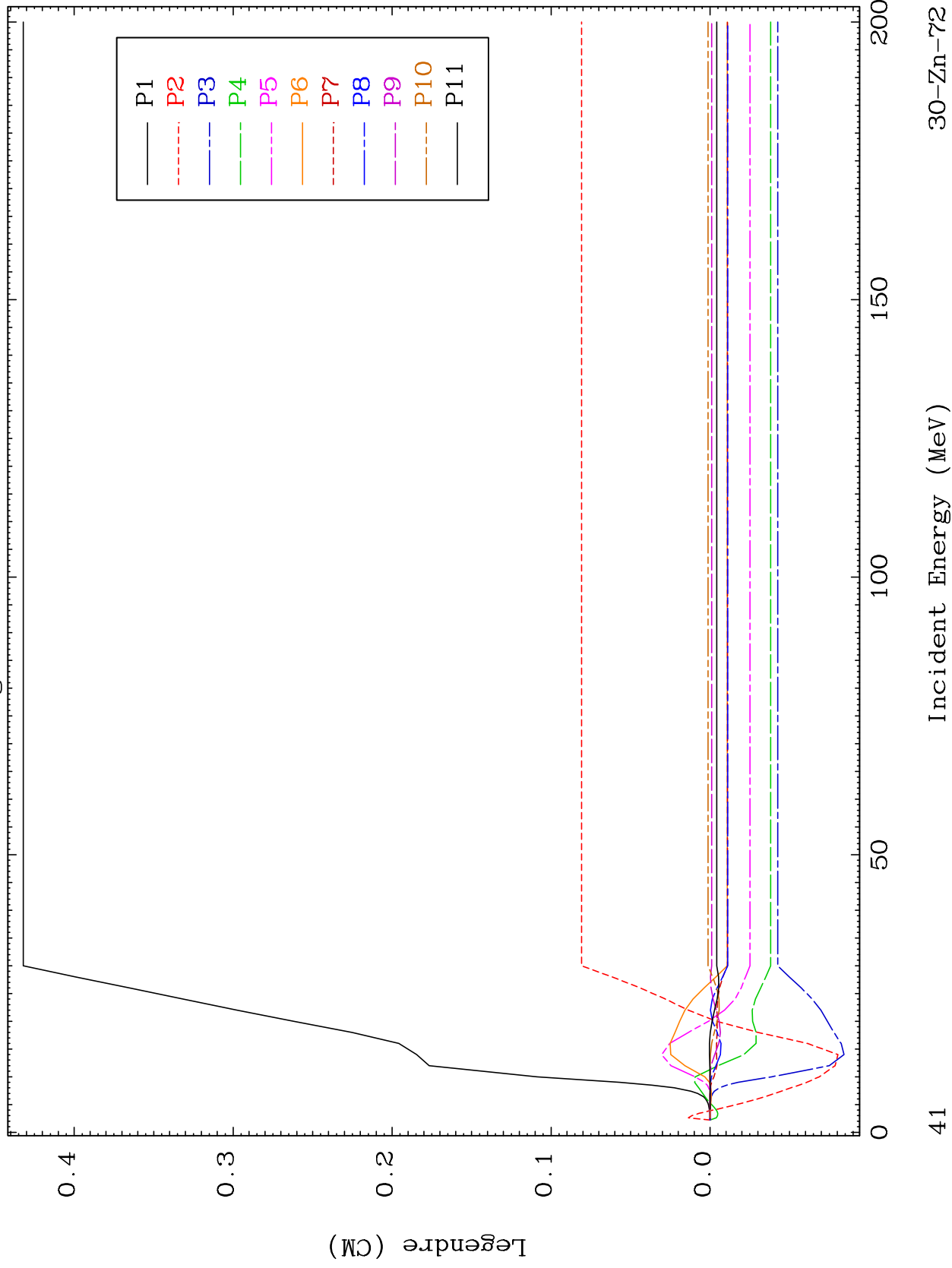




MAT 3049

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

30-Zn-72

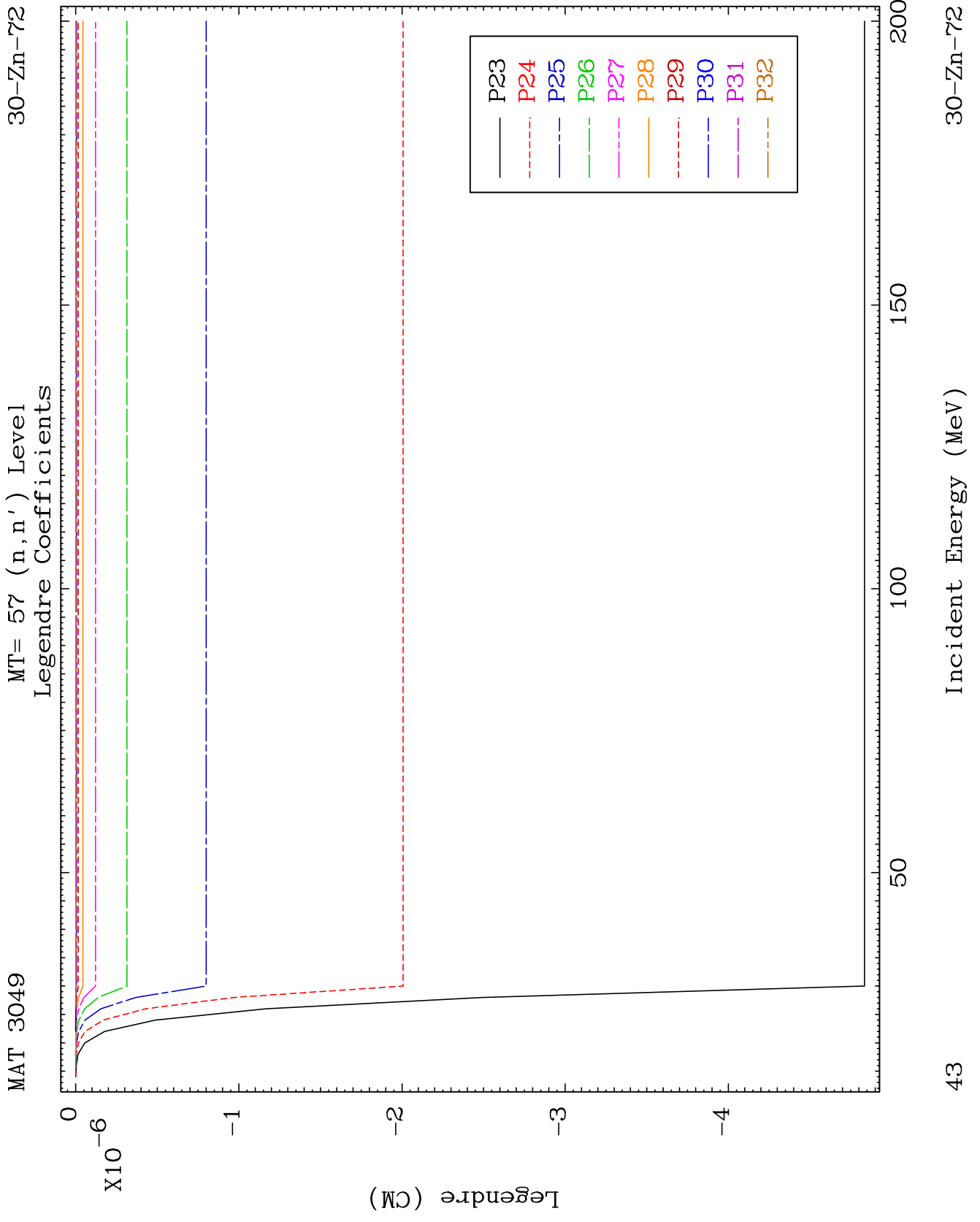


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Incident Energy (MeV)

30-Zn-72

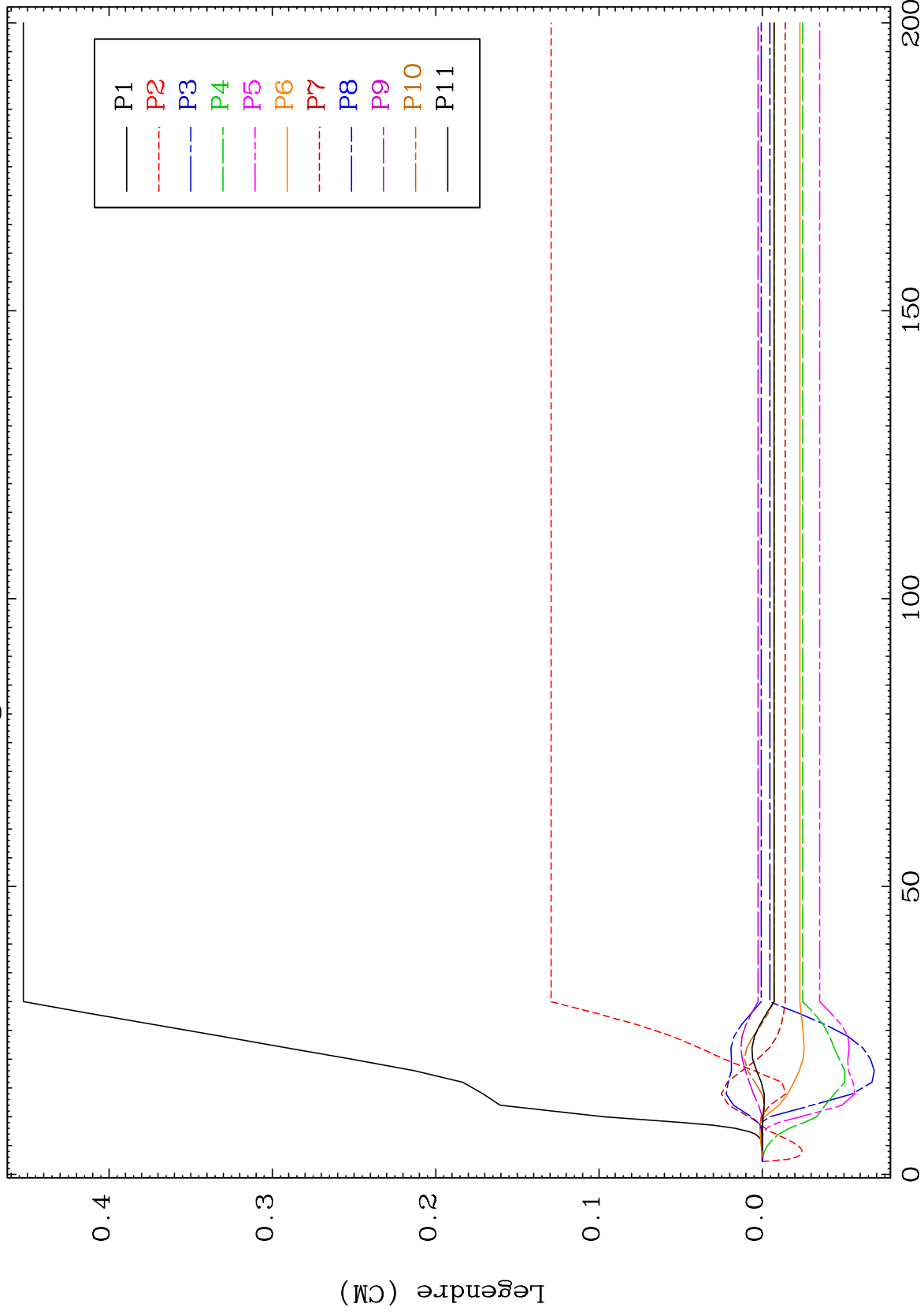




MAT 3049

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

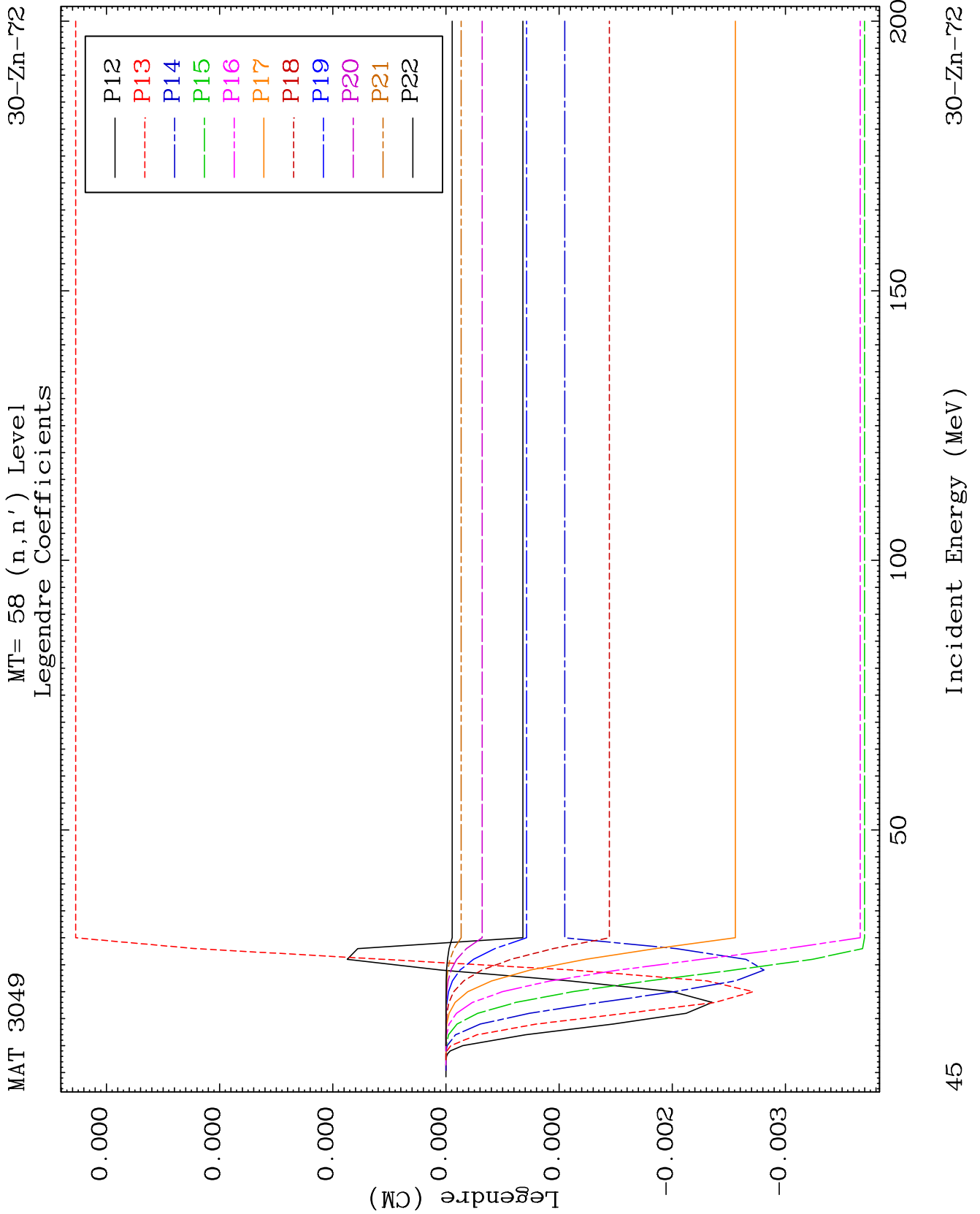
30-Zn-72

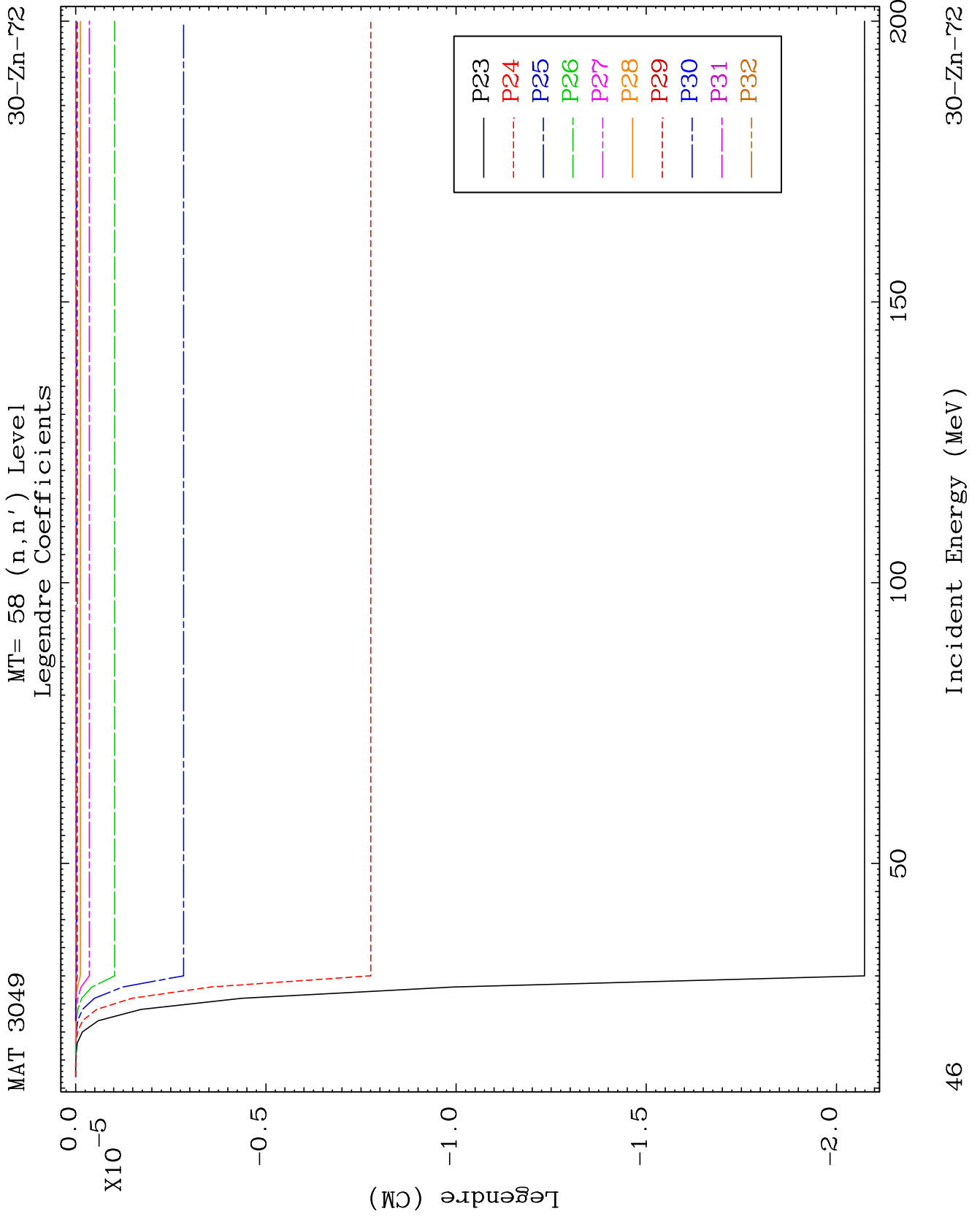


44

Incident Energy (MeV)

30-Zn-72

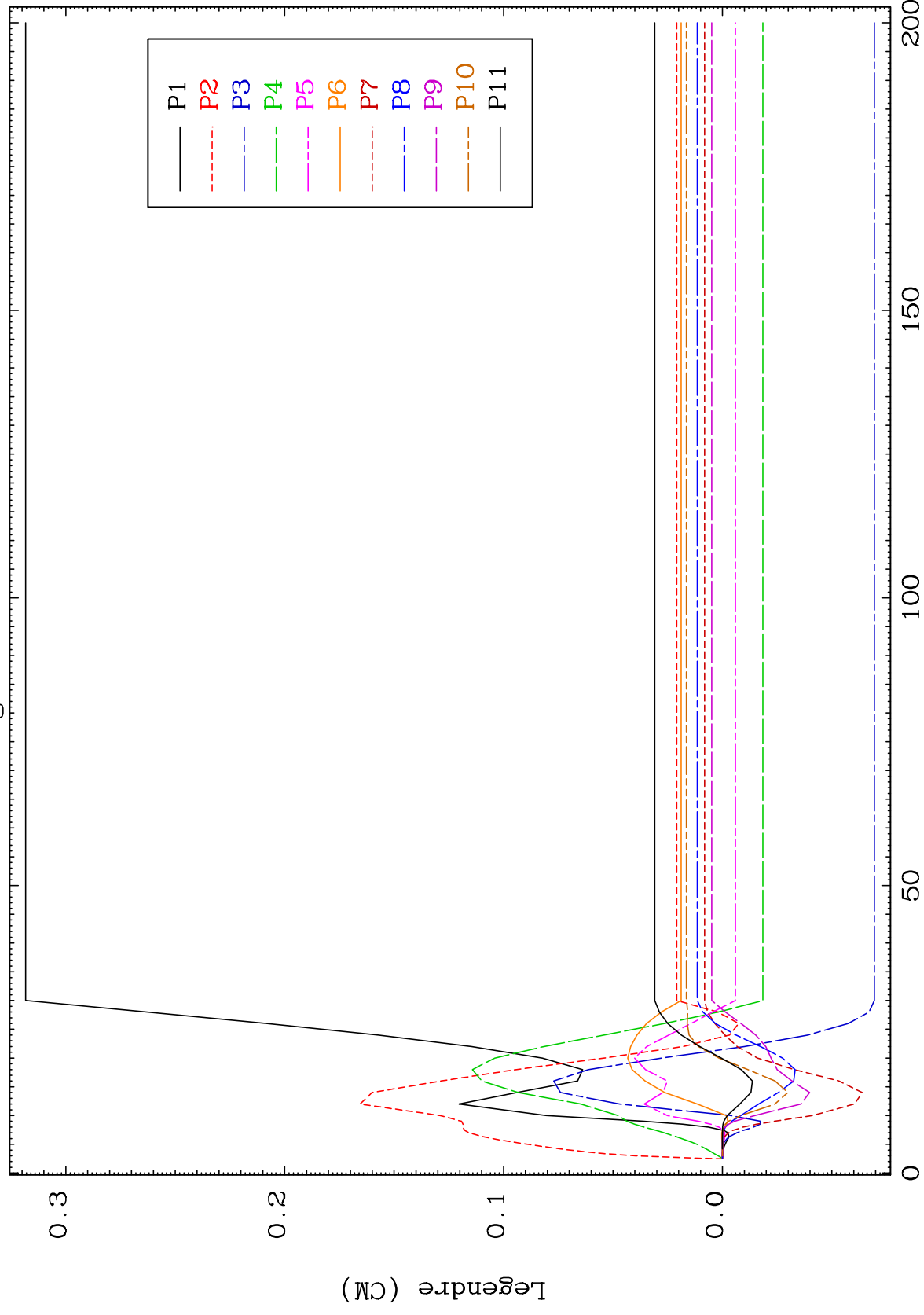




MAT 3049

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

30-Zn-72



47

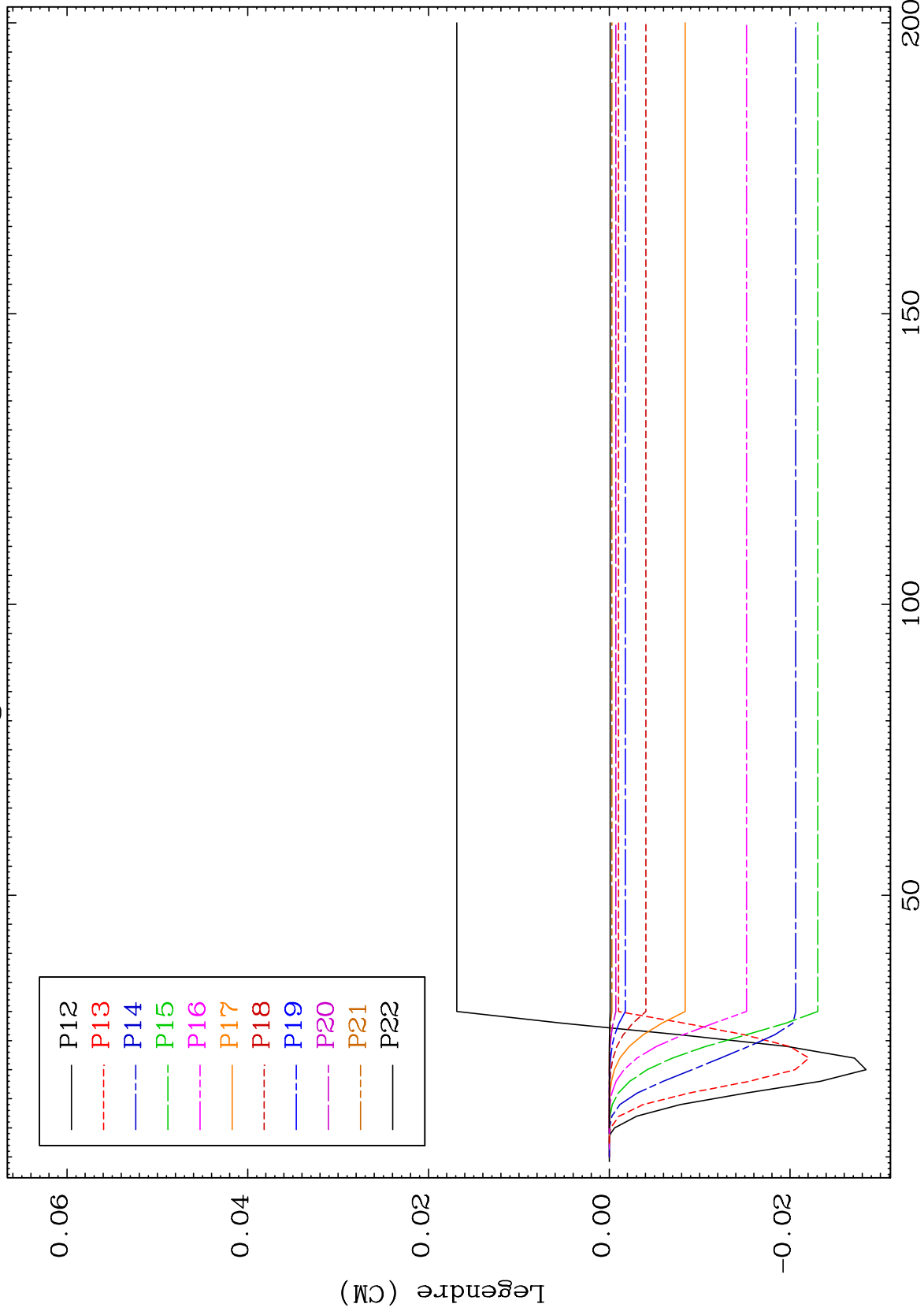
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

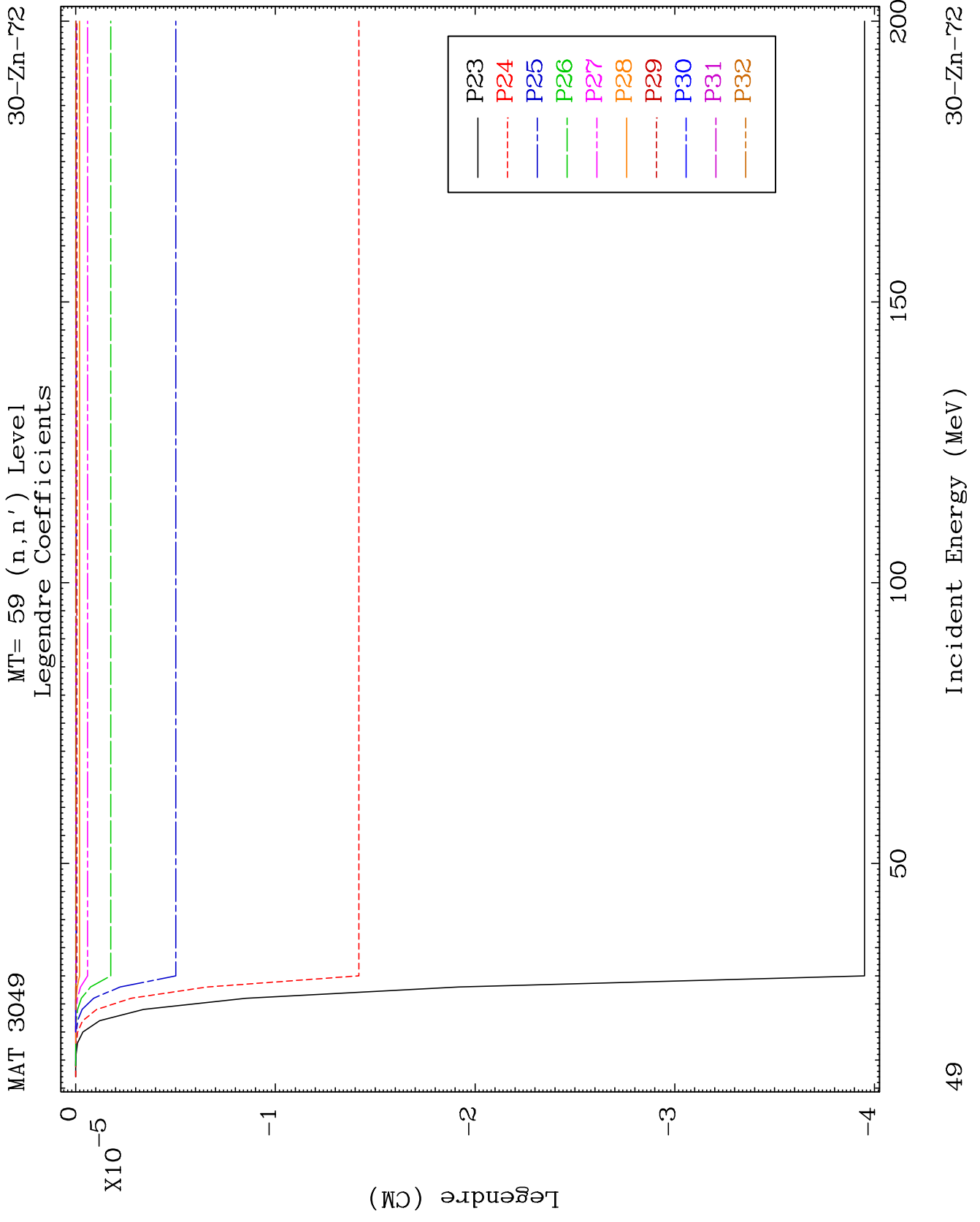
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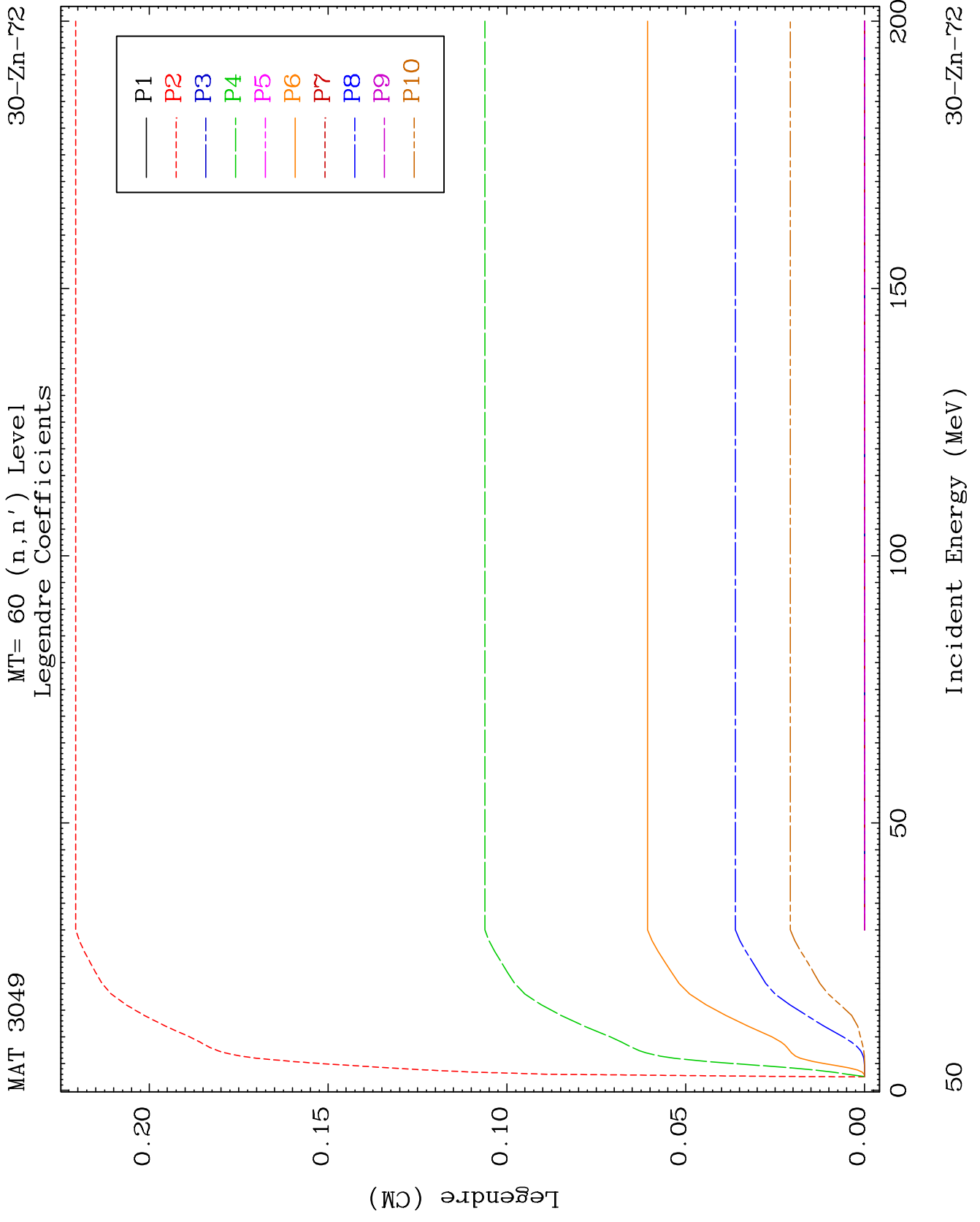


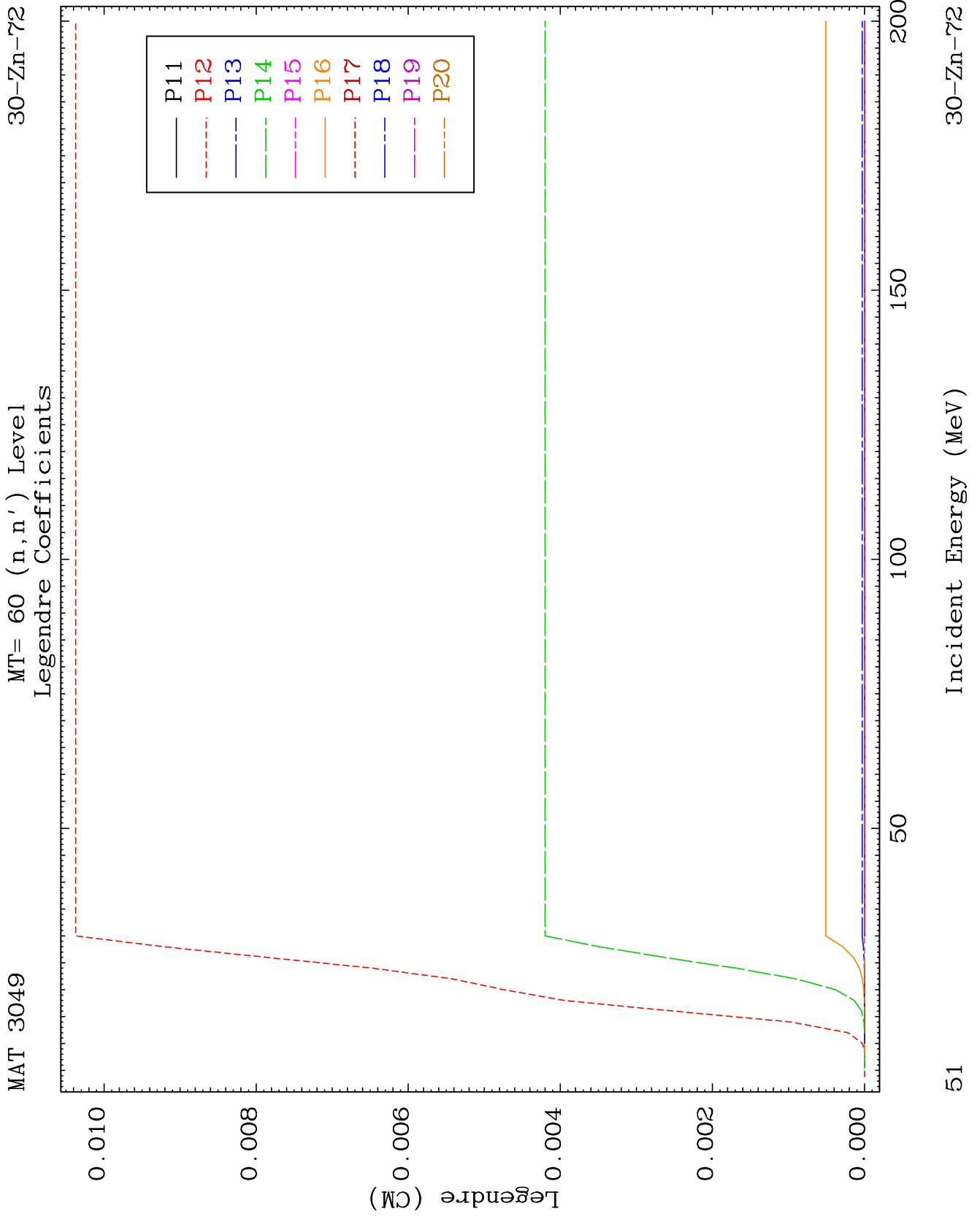
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Incident Energy (MeV)

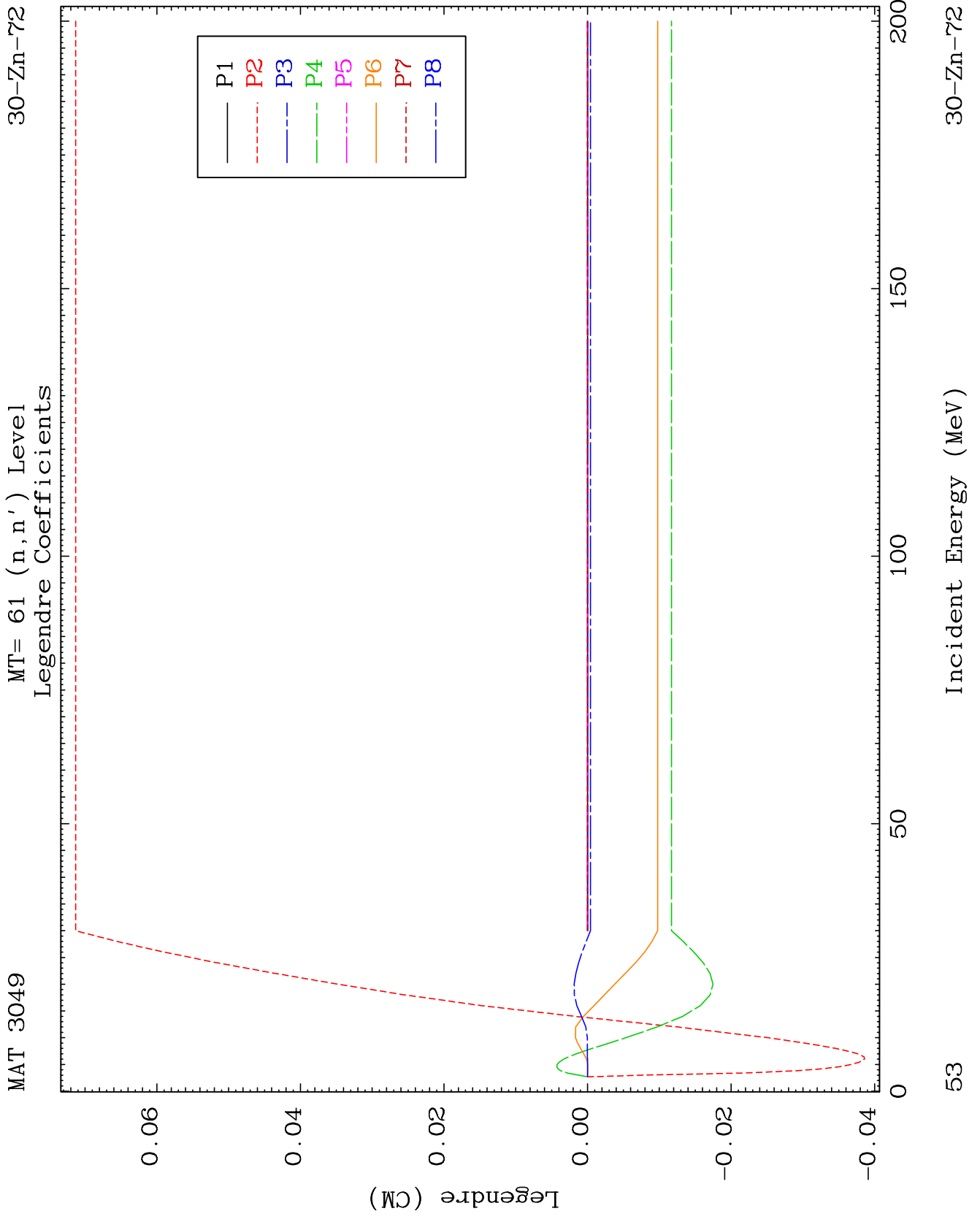
30-Zn-72

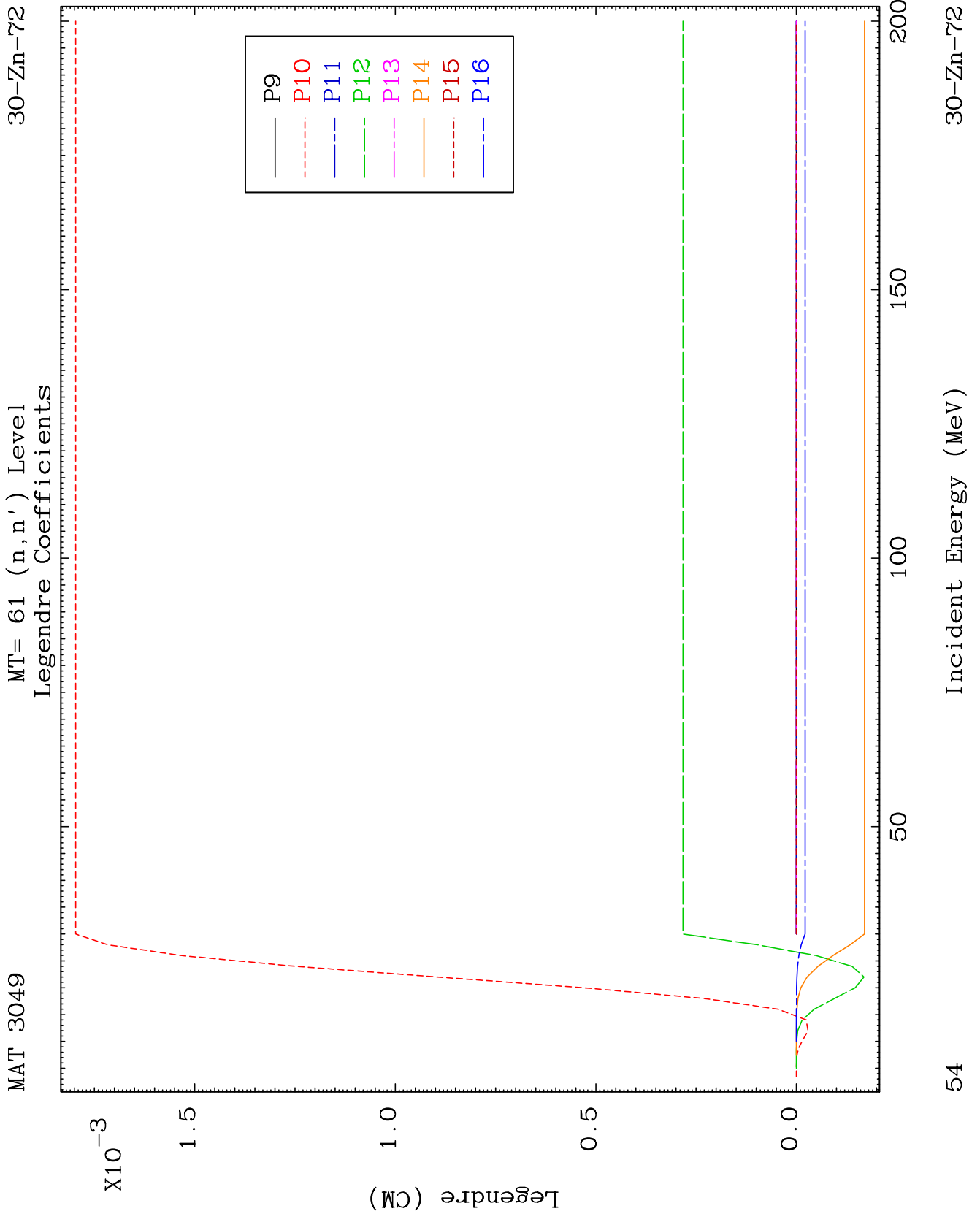


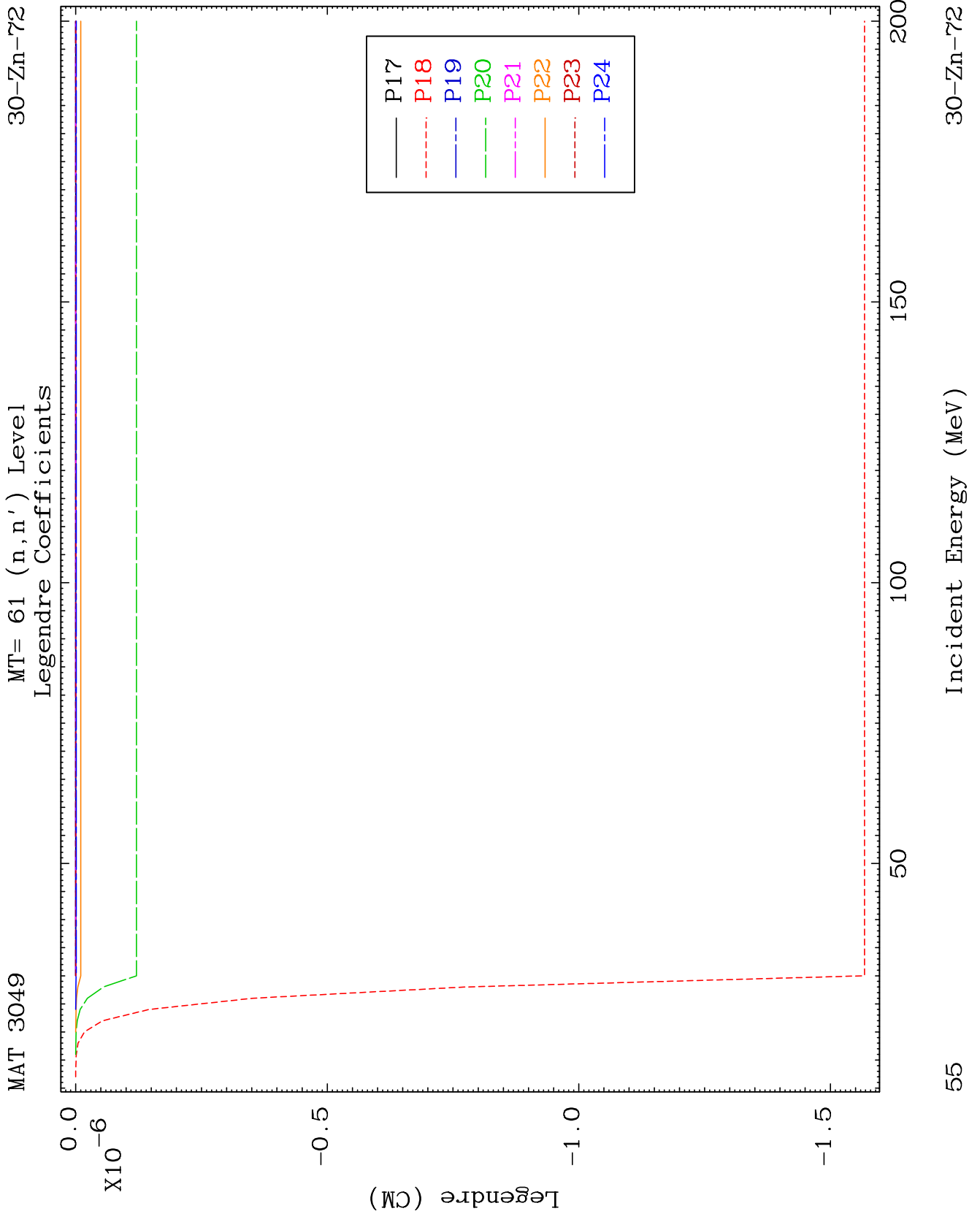








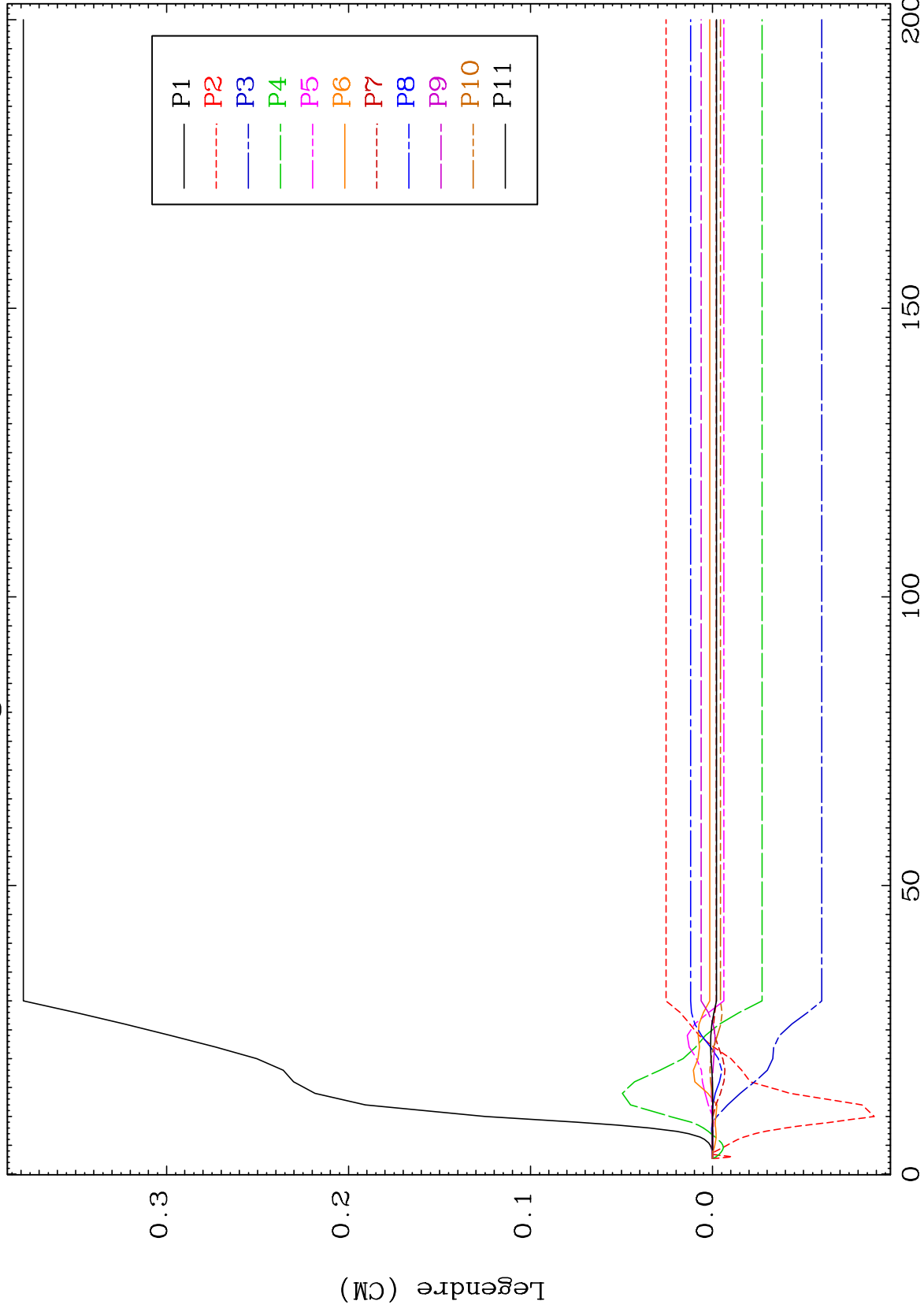




MAT 3049

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

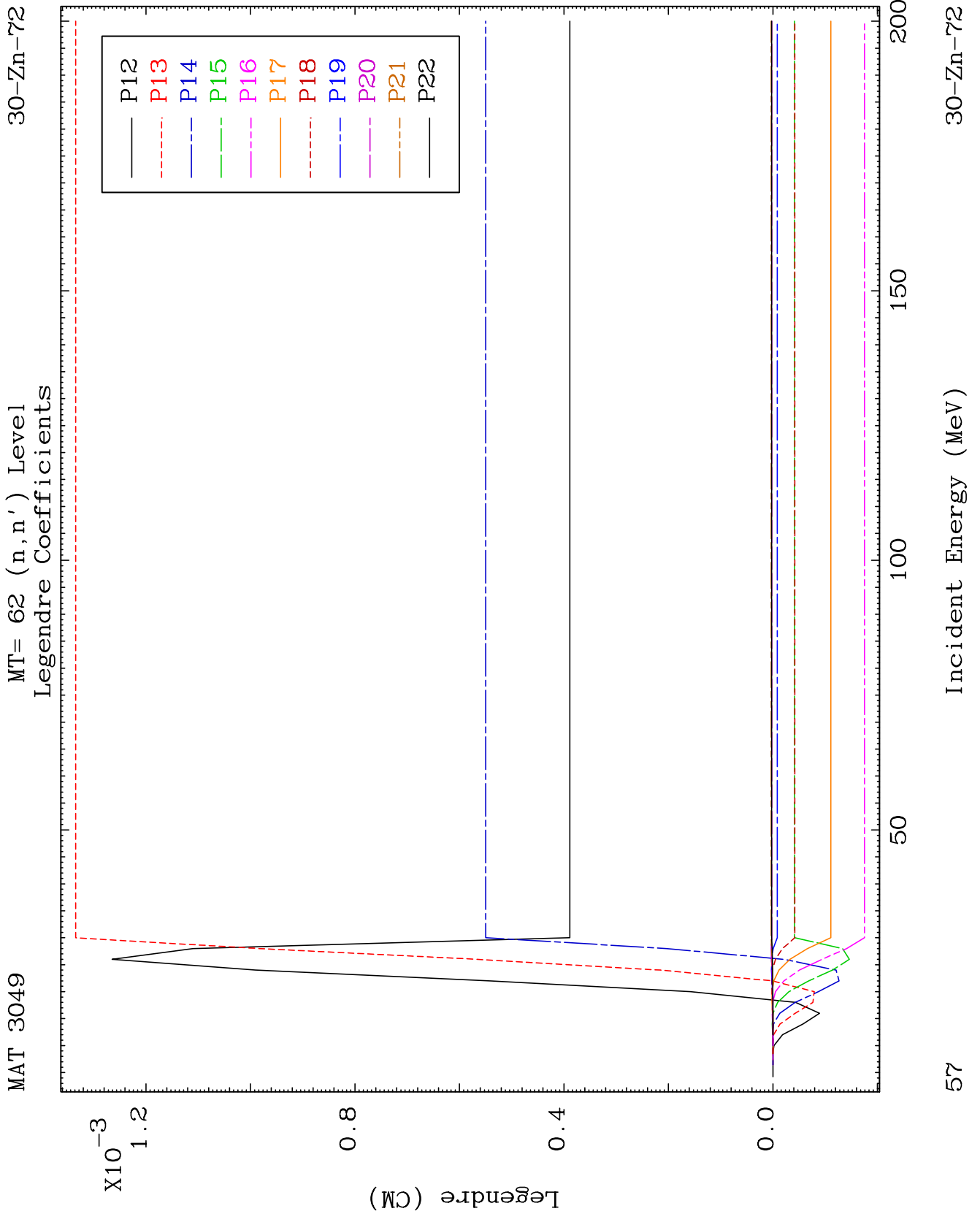
30-Zn-72



56

Incident Energy (MeV)

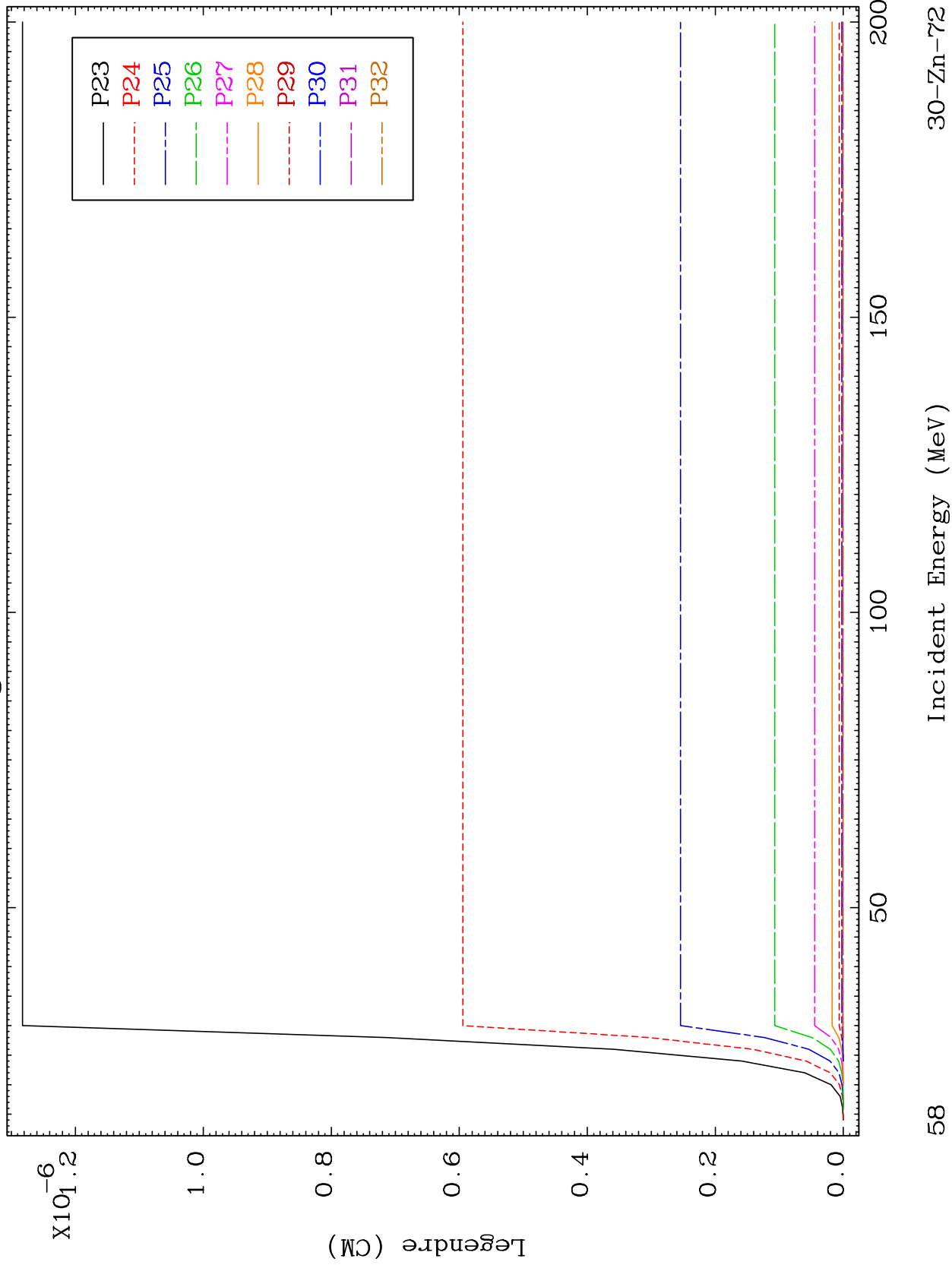
30-Zn-72



MAT 3049

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

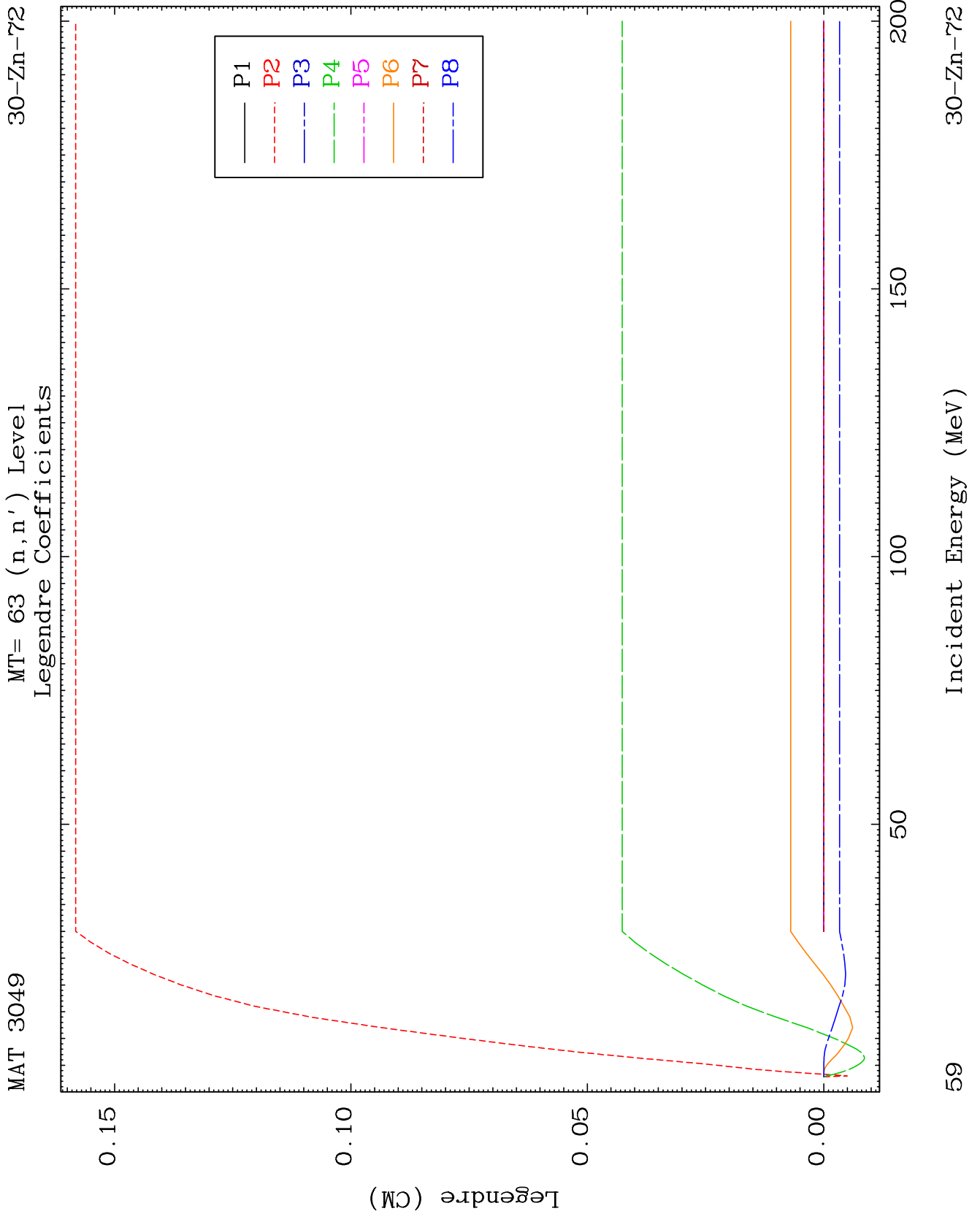
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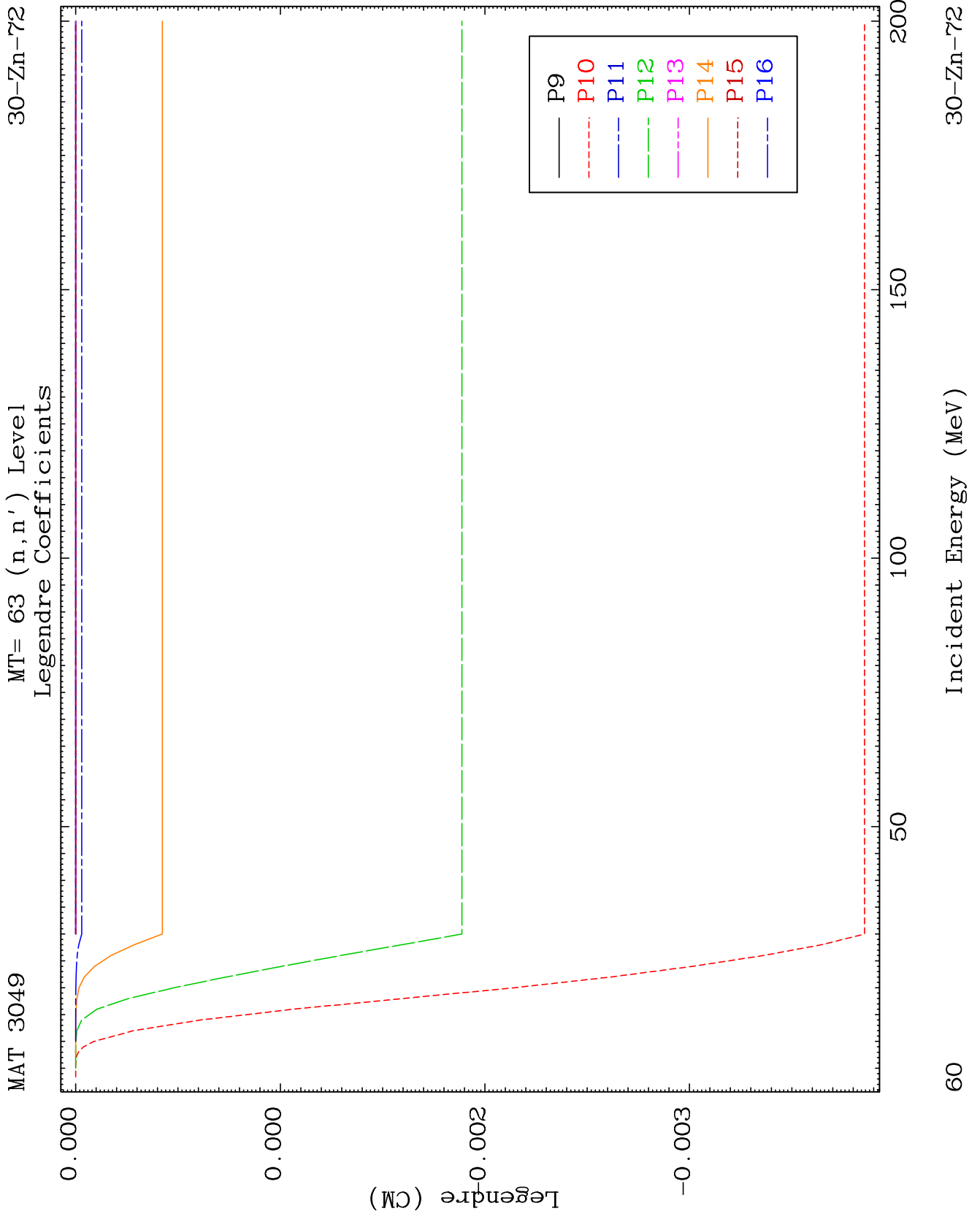


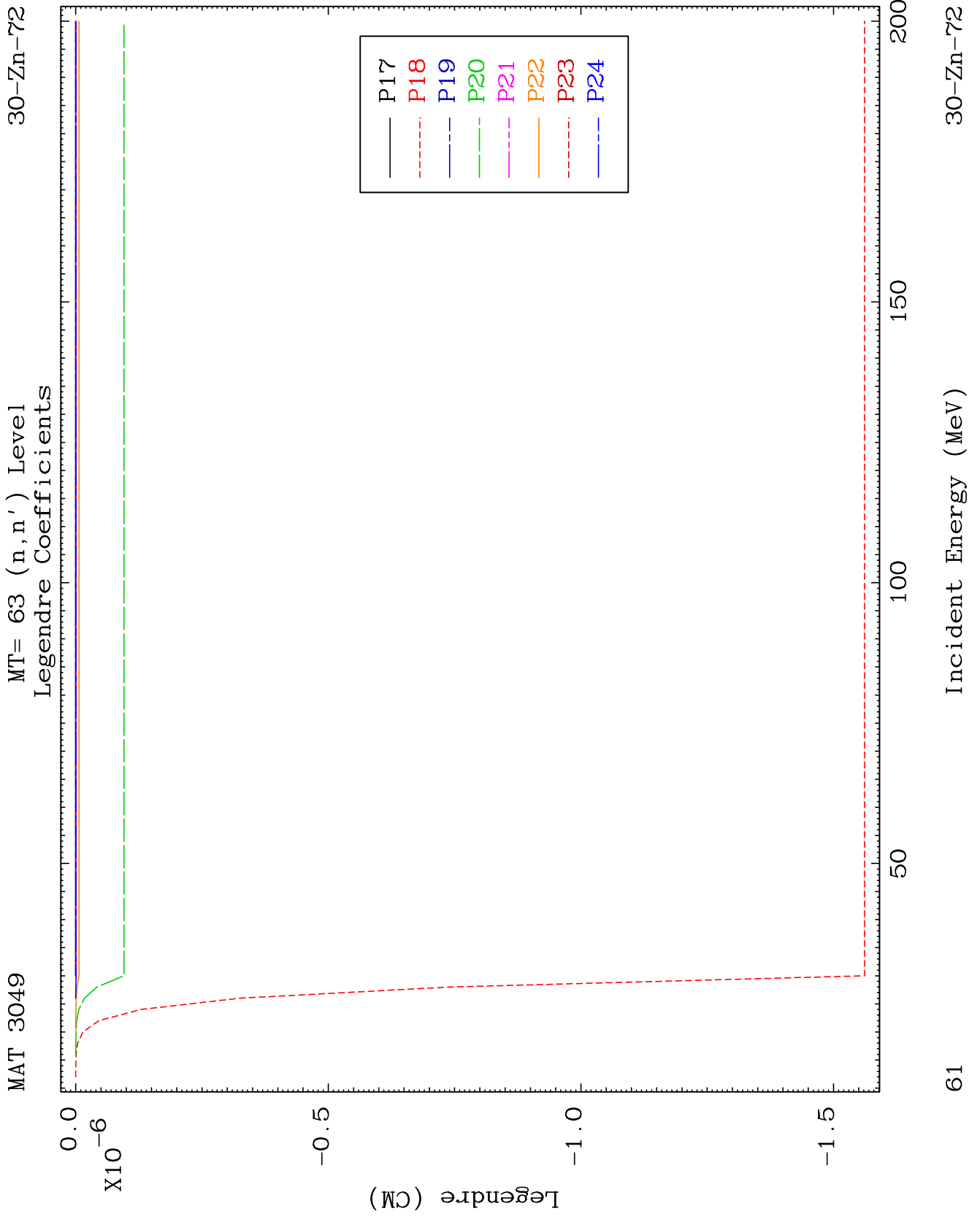
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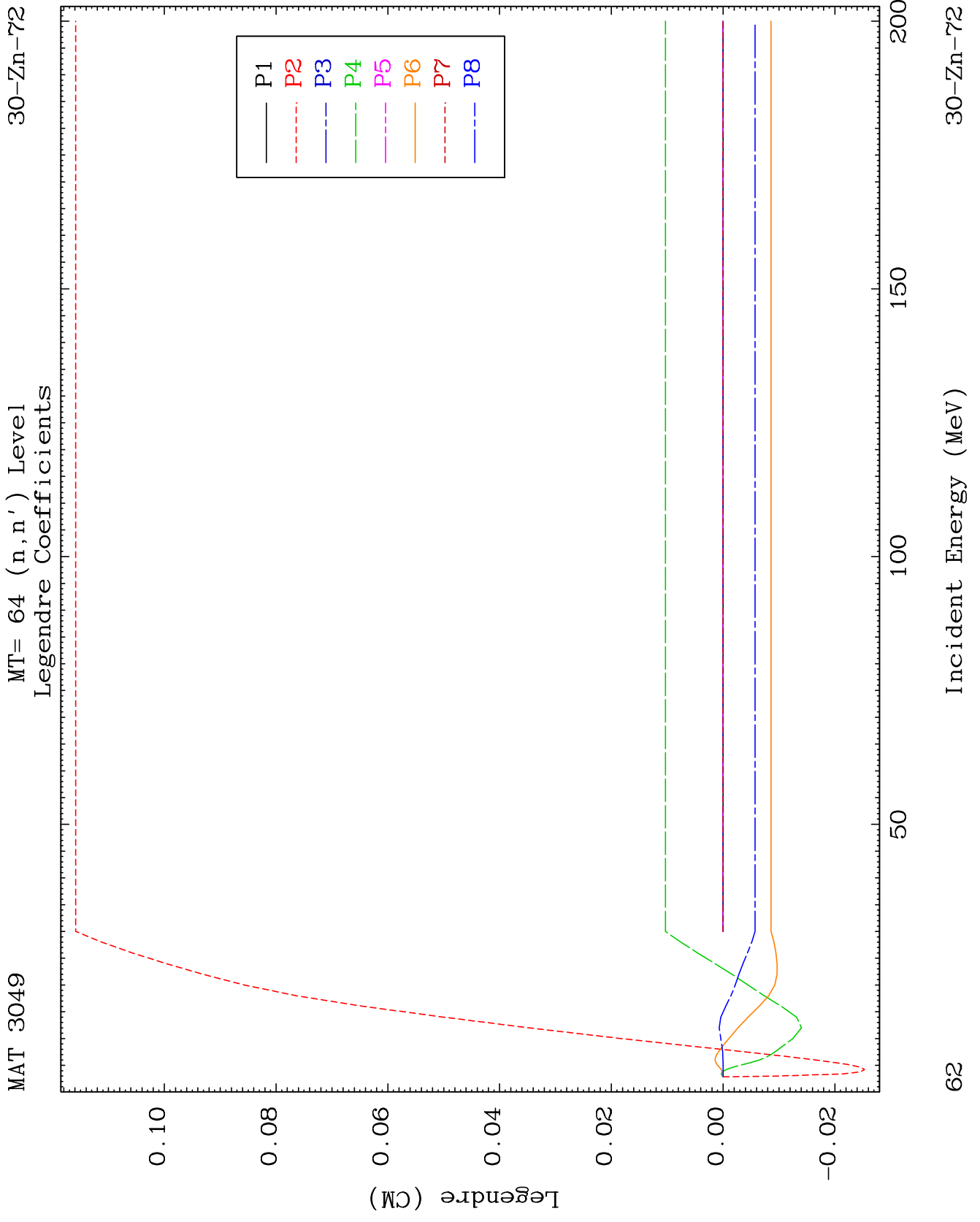
Incident Energy (MeV)

30-Zn-72





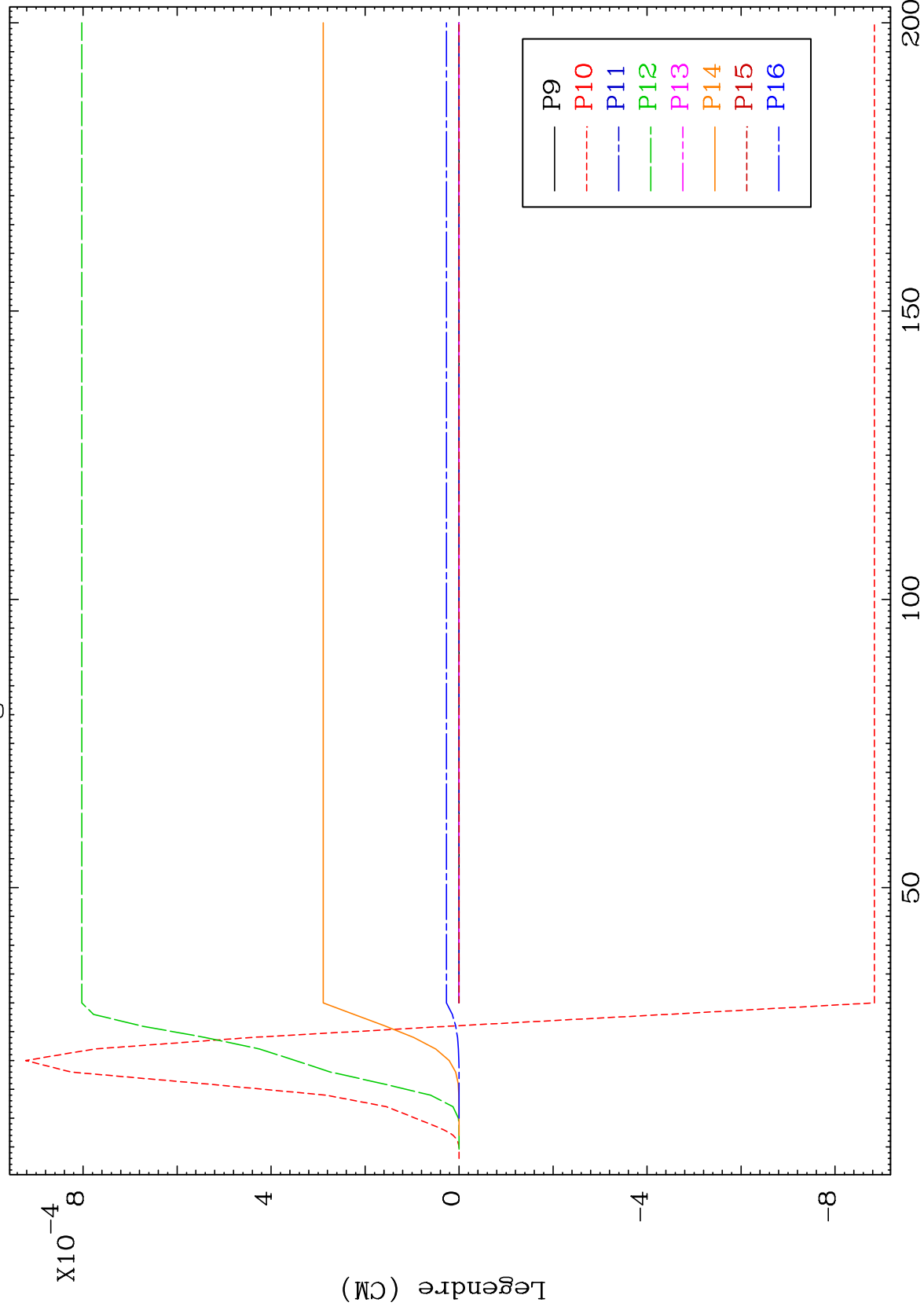




MAT 3049

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

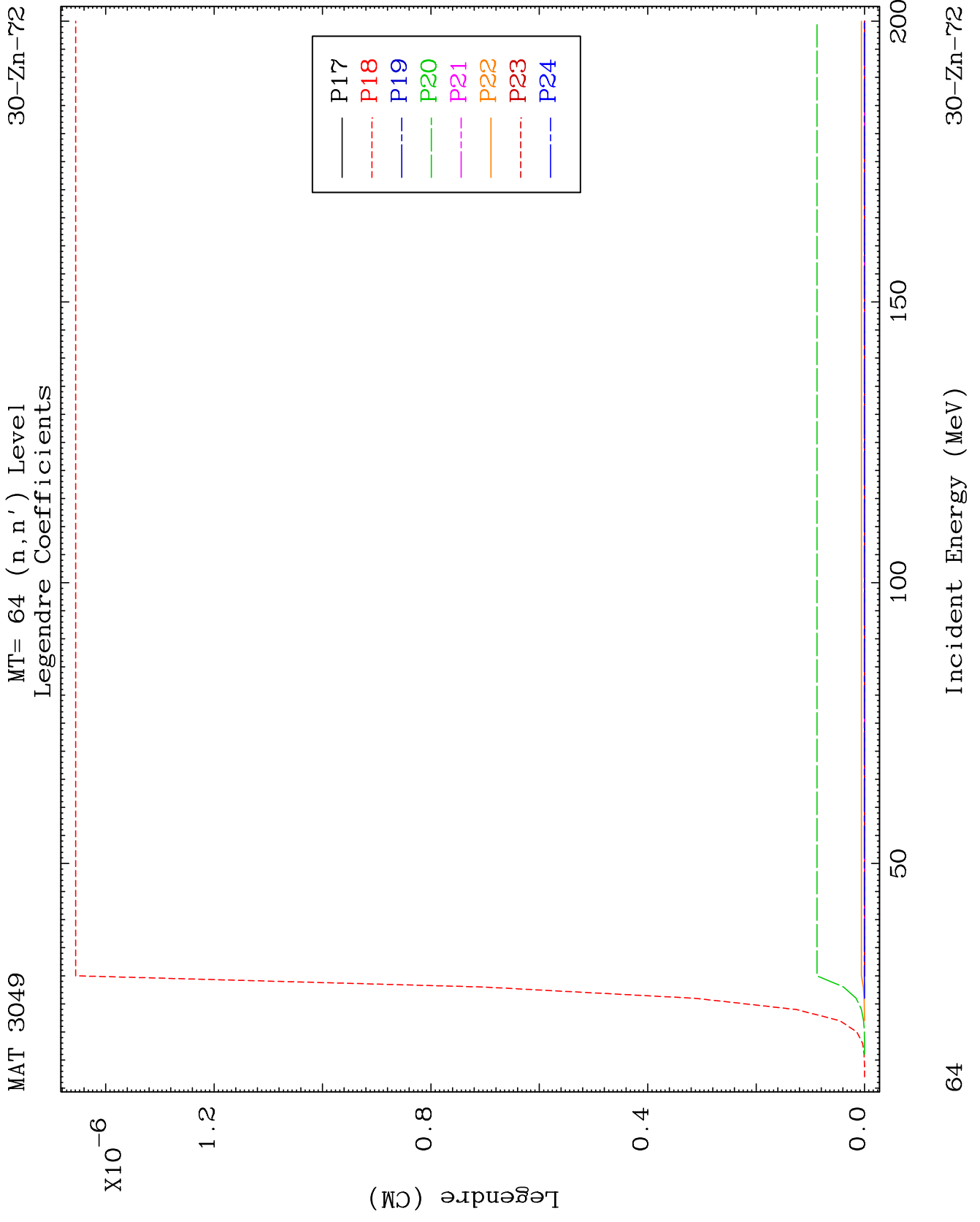
30-Zn-72



63

Incident Energy (MeV)

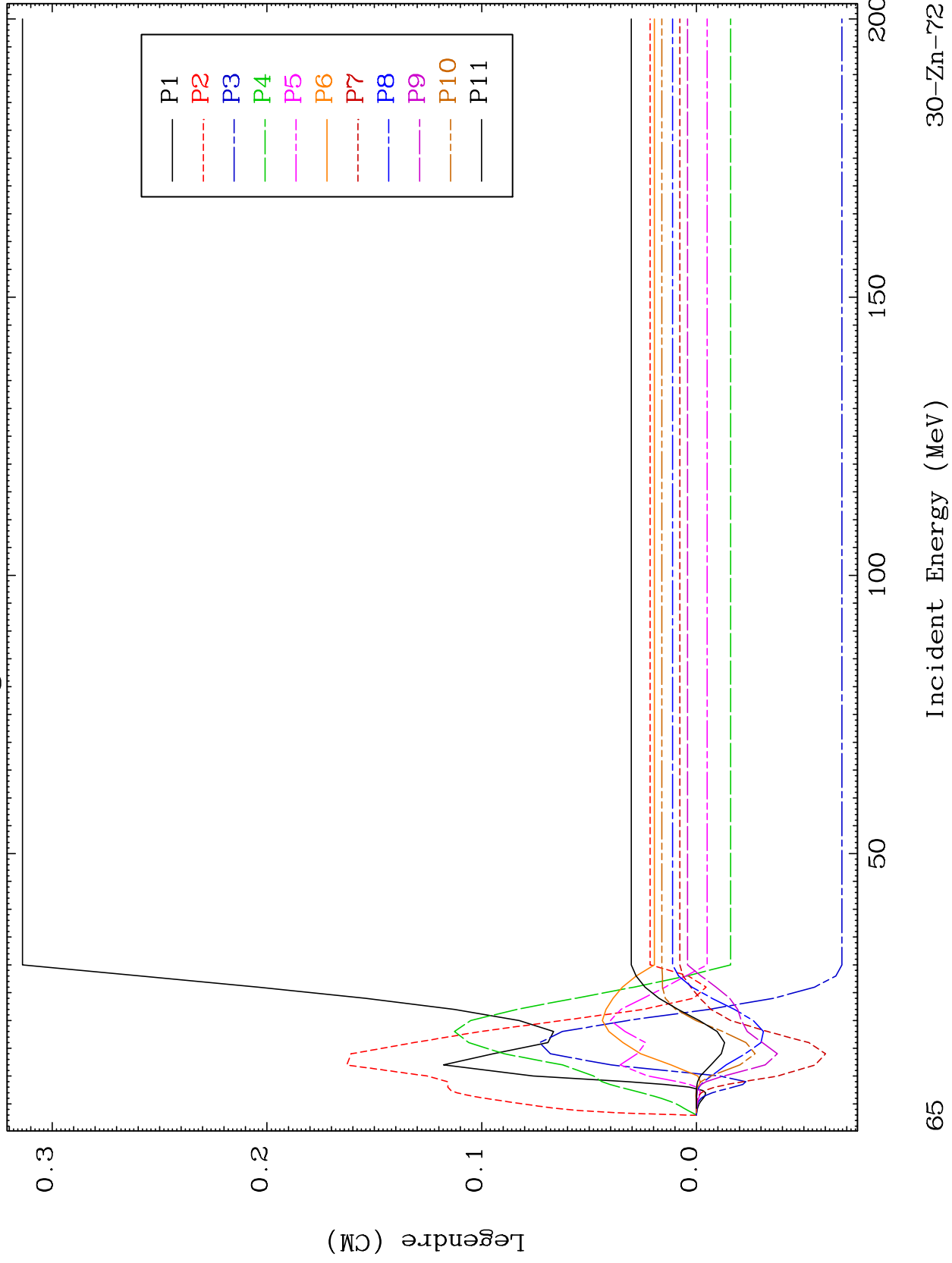
30-Zn-72



MAT 3049

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

30-Zn-72



65

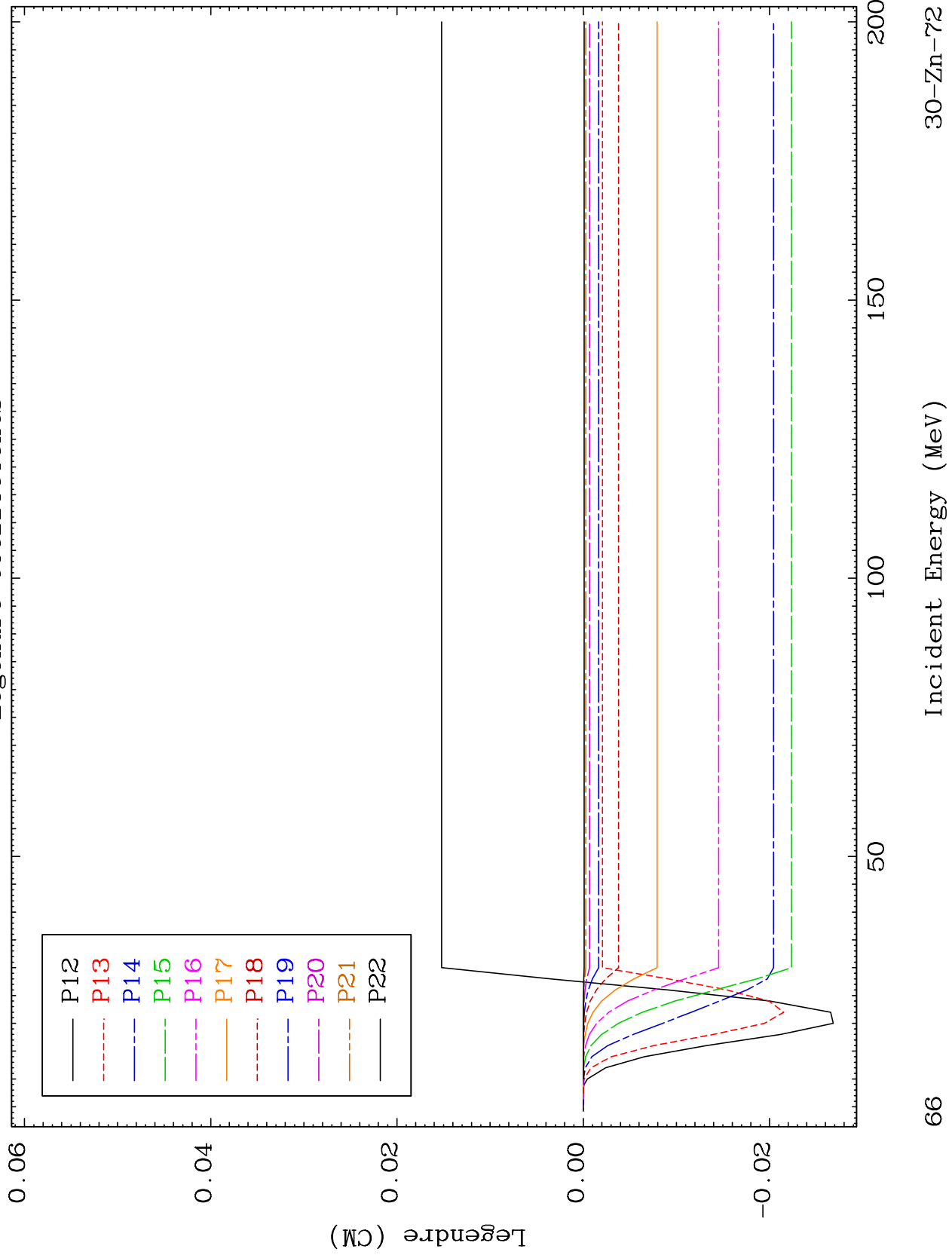
Incident Energy (MeV)

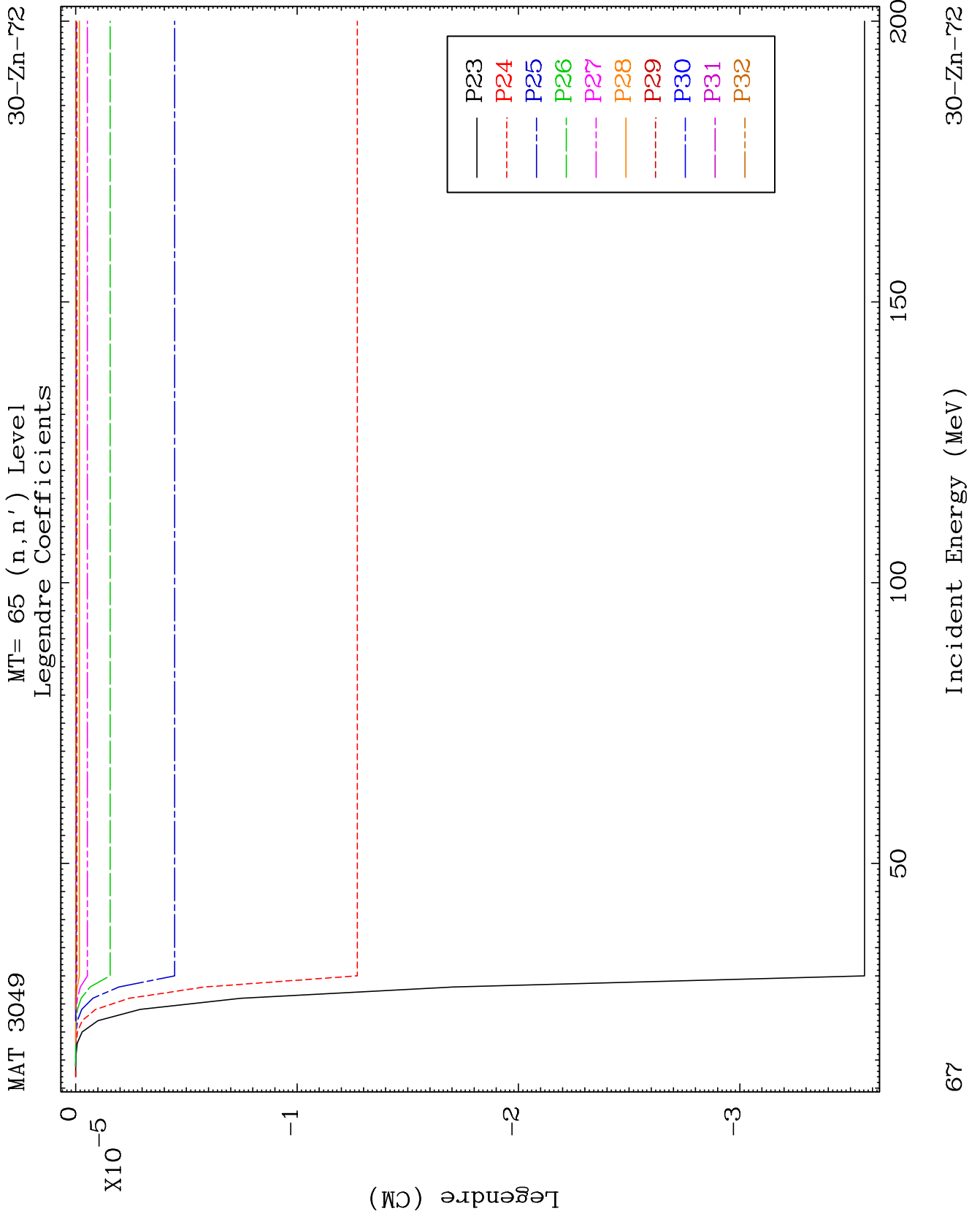
30-Zn-72

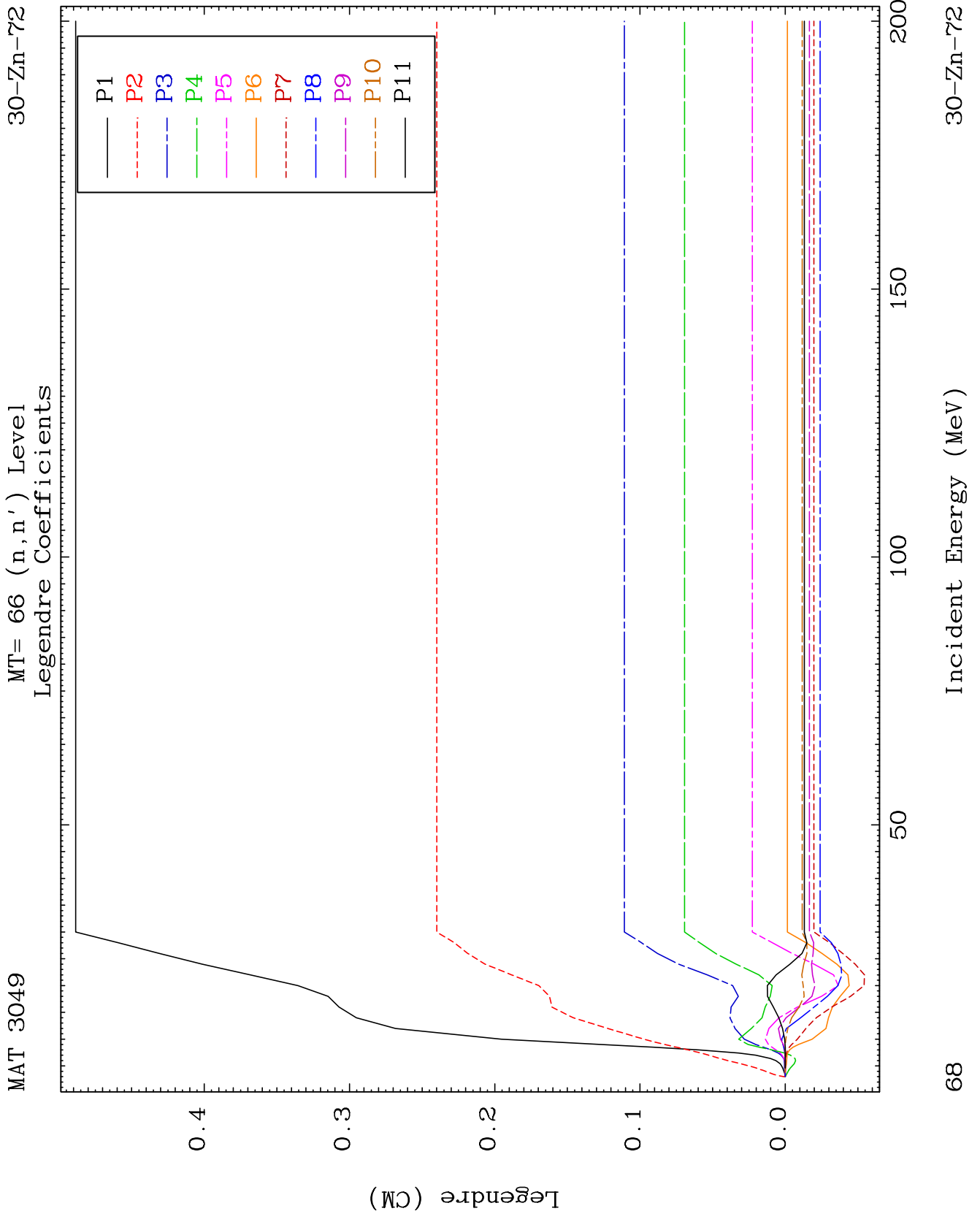
MAT 3049

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

30-Zn-72



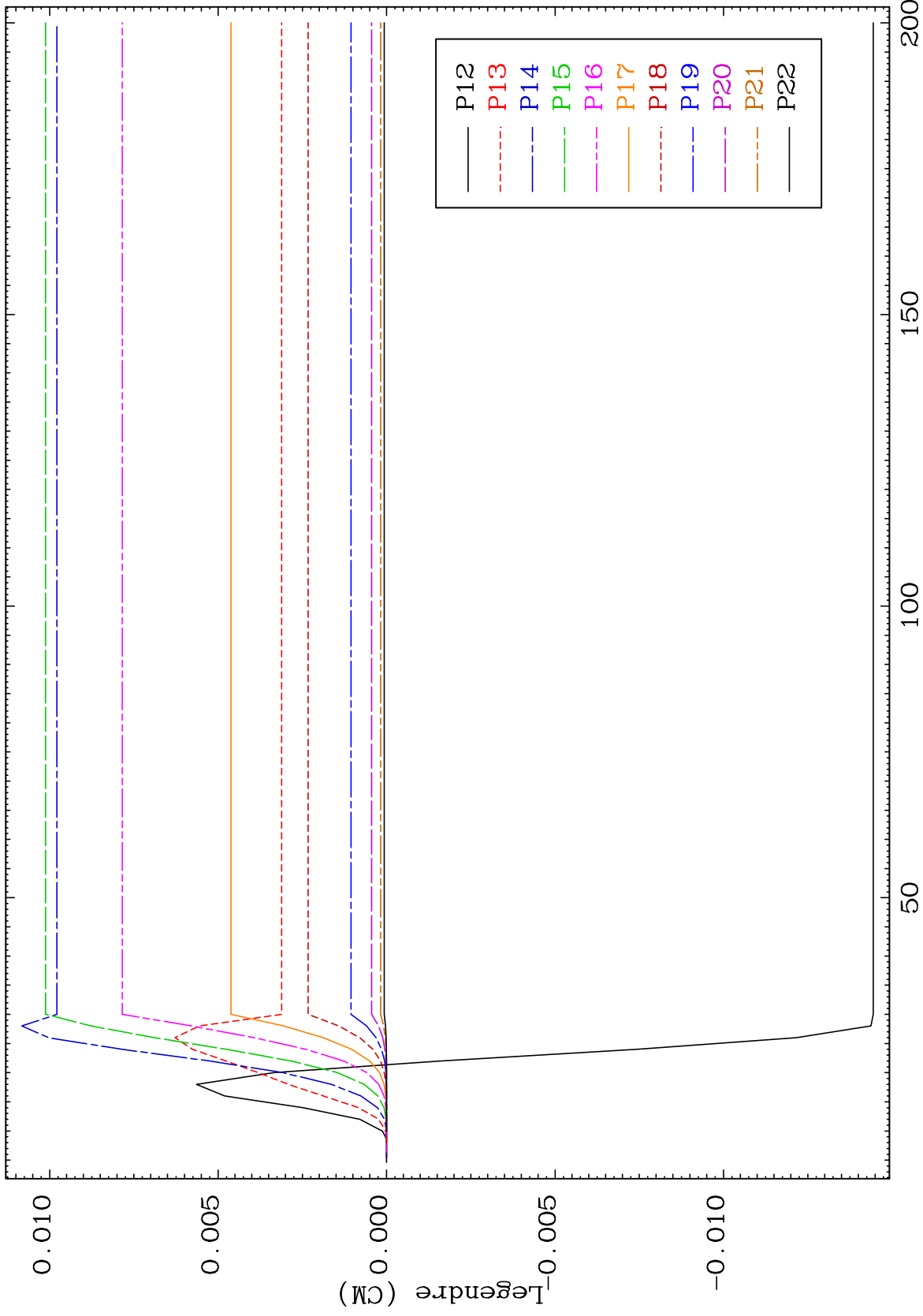




MAT 3049

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

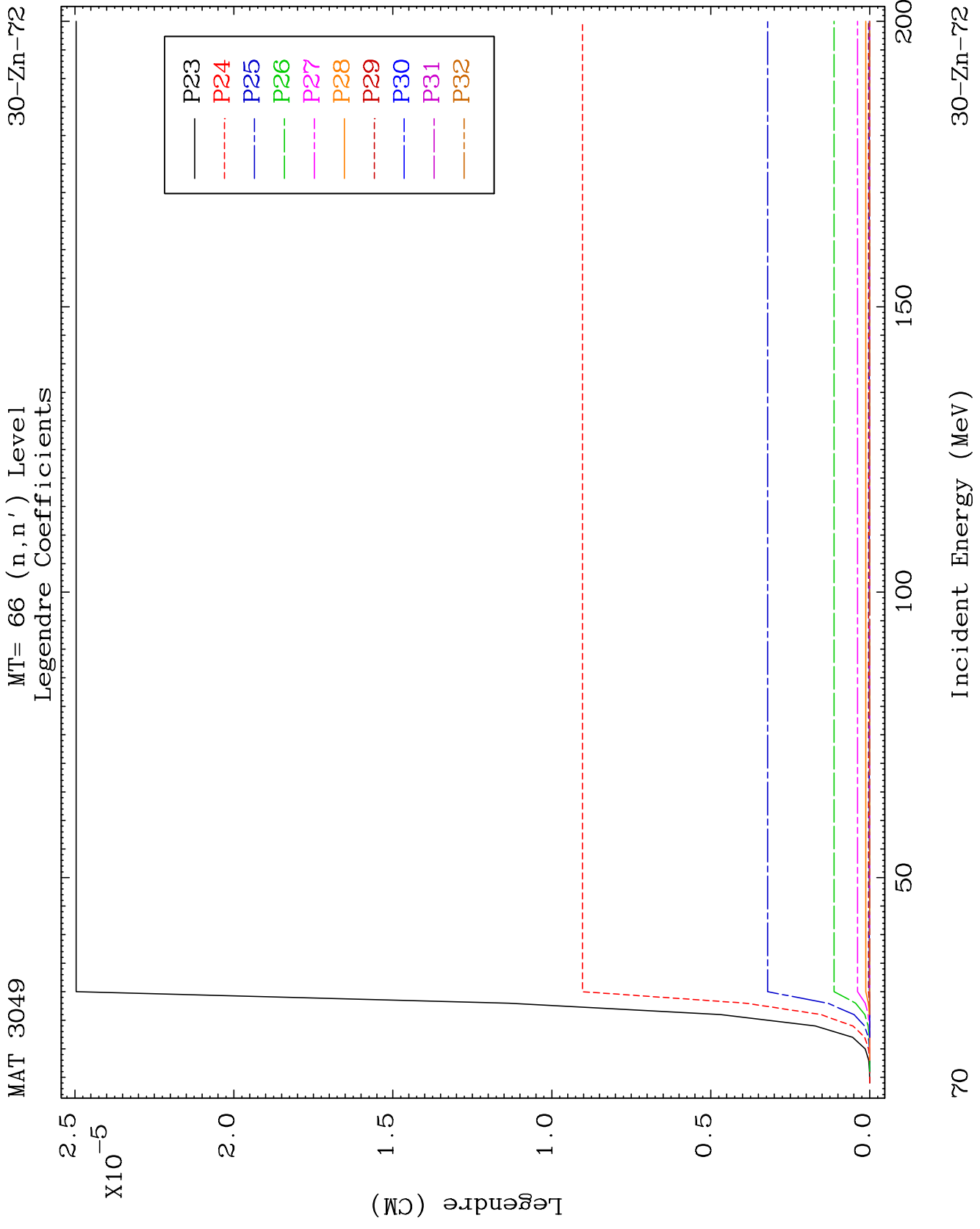
30-Zn-72



69

Incident Energy (MeV)

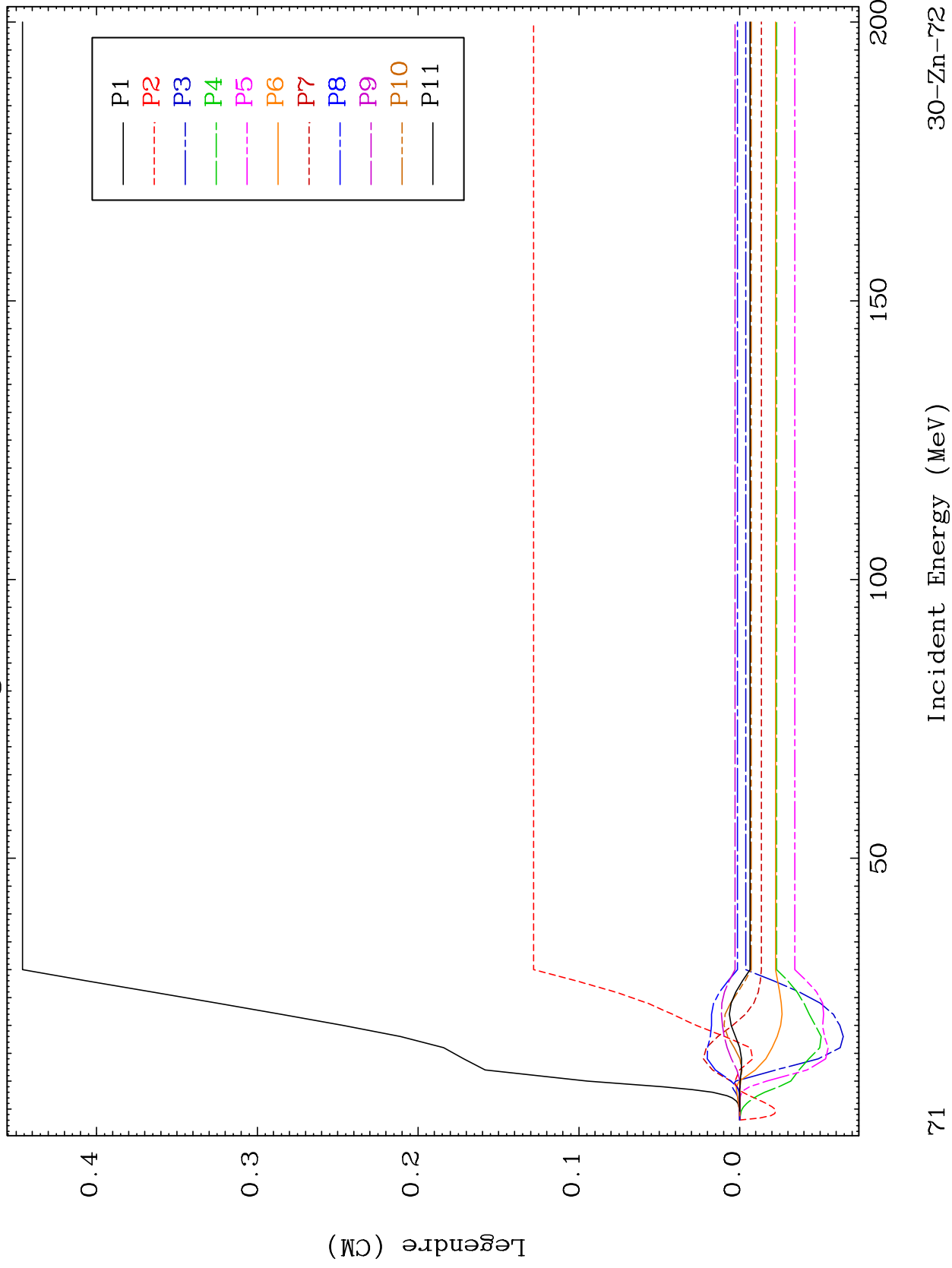
30-Zn-72



MAT 3049

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

30-Zn-72



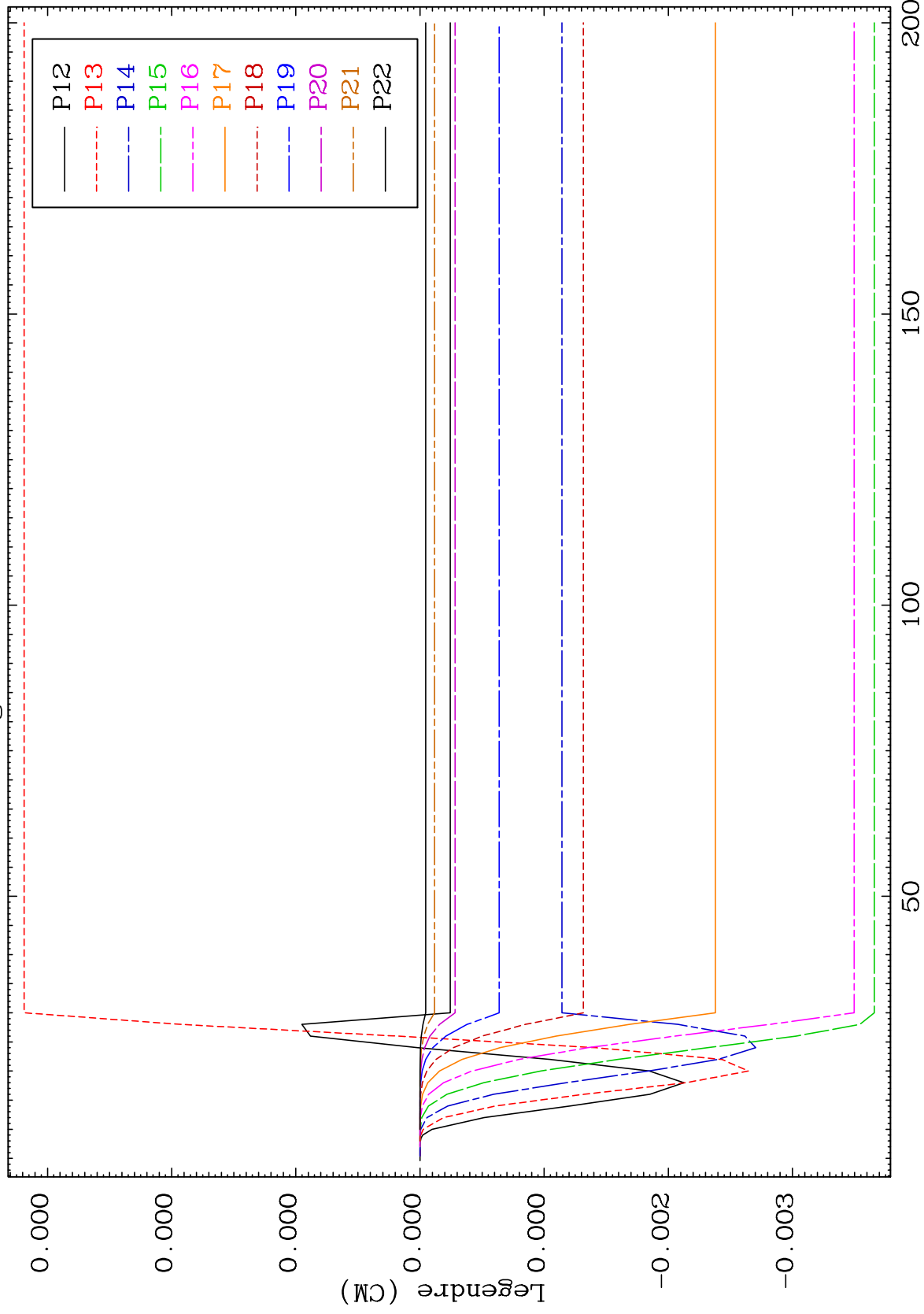
71

30-Zn-72

MAT 3049

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

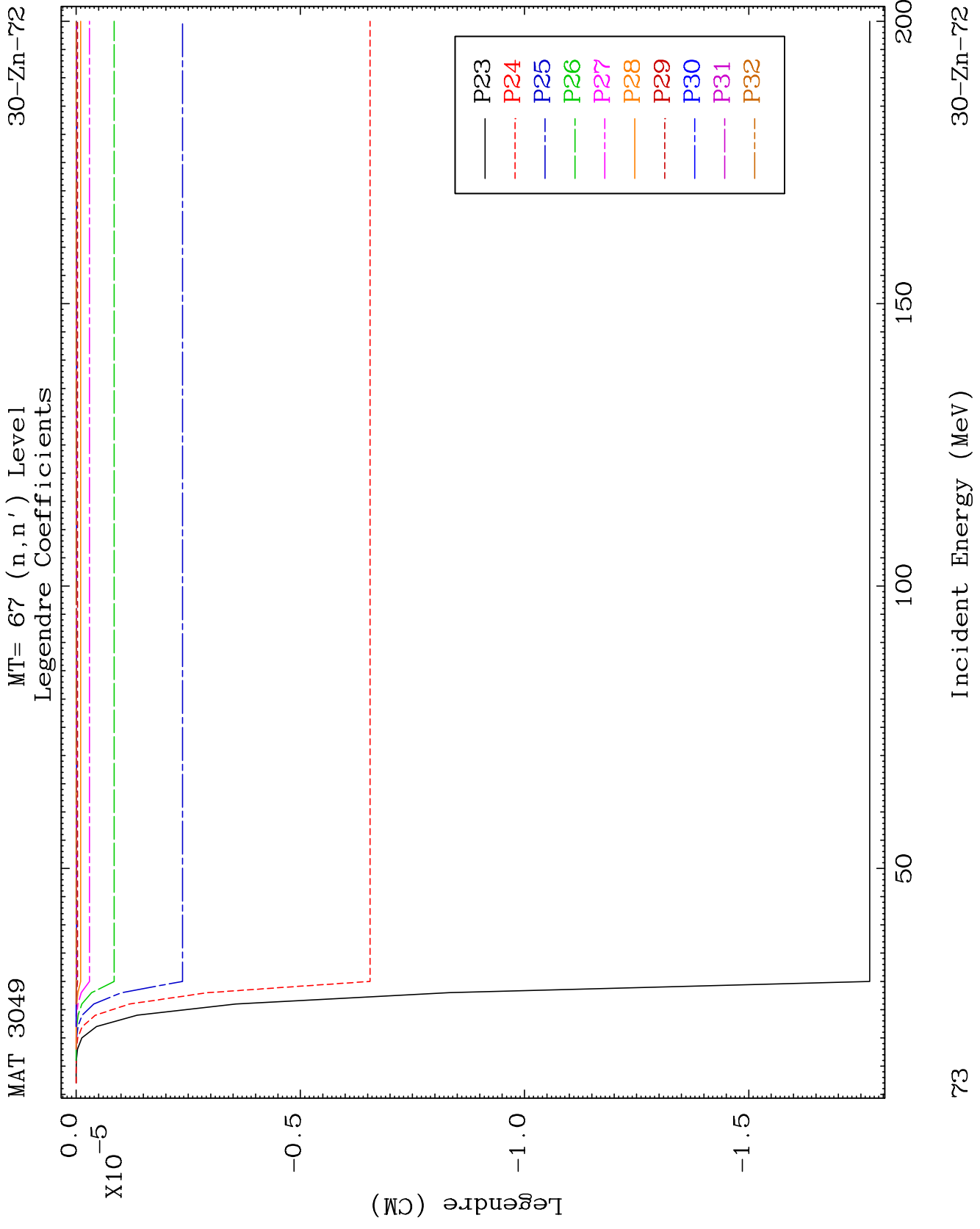
30-Zn-72



72

Incident Energy (MeV)

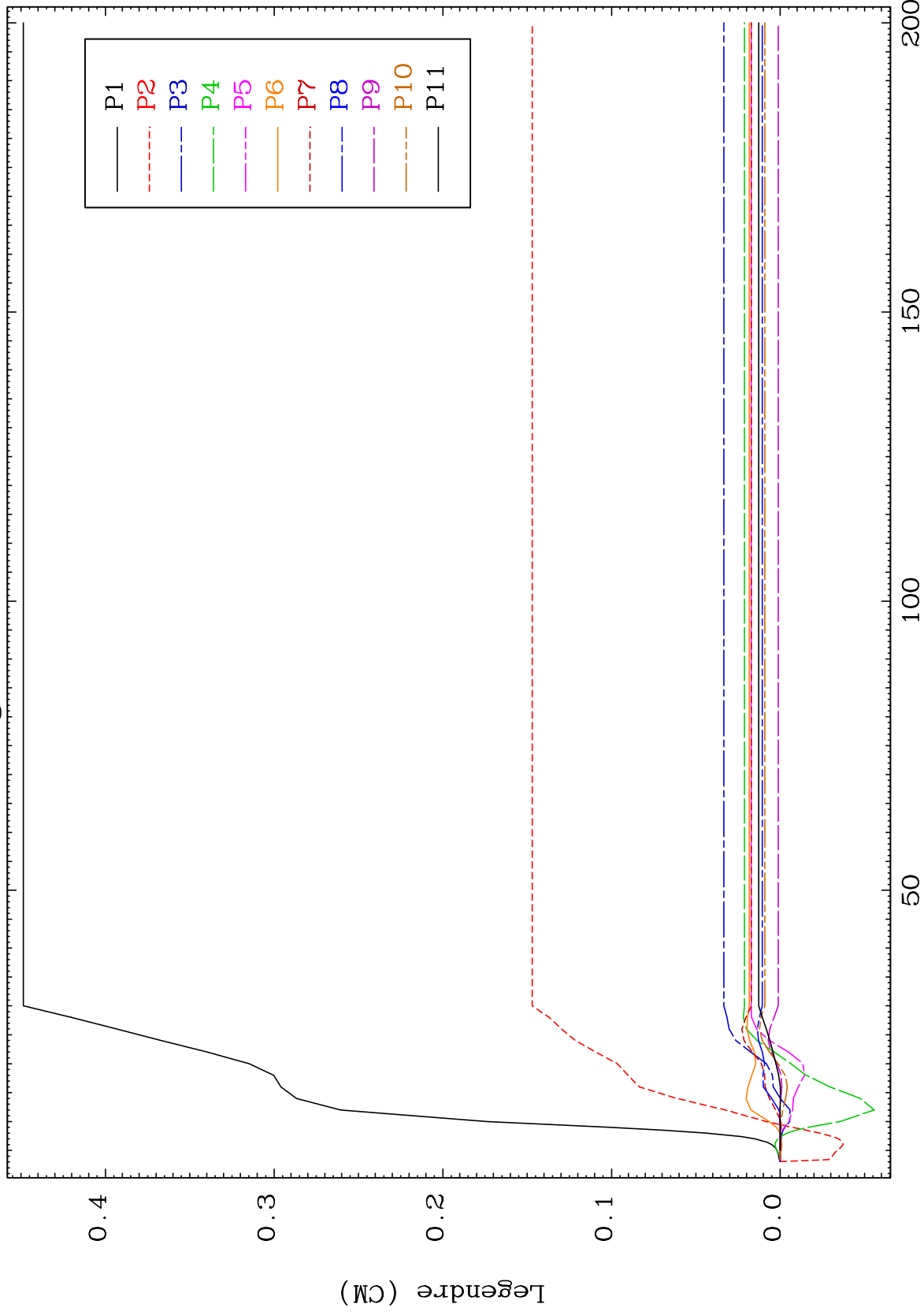
30-Zn-72



MAT 3049

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

30-Zn-72



74

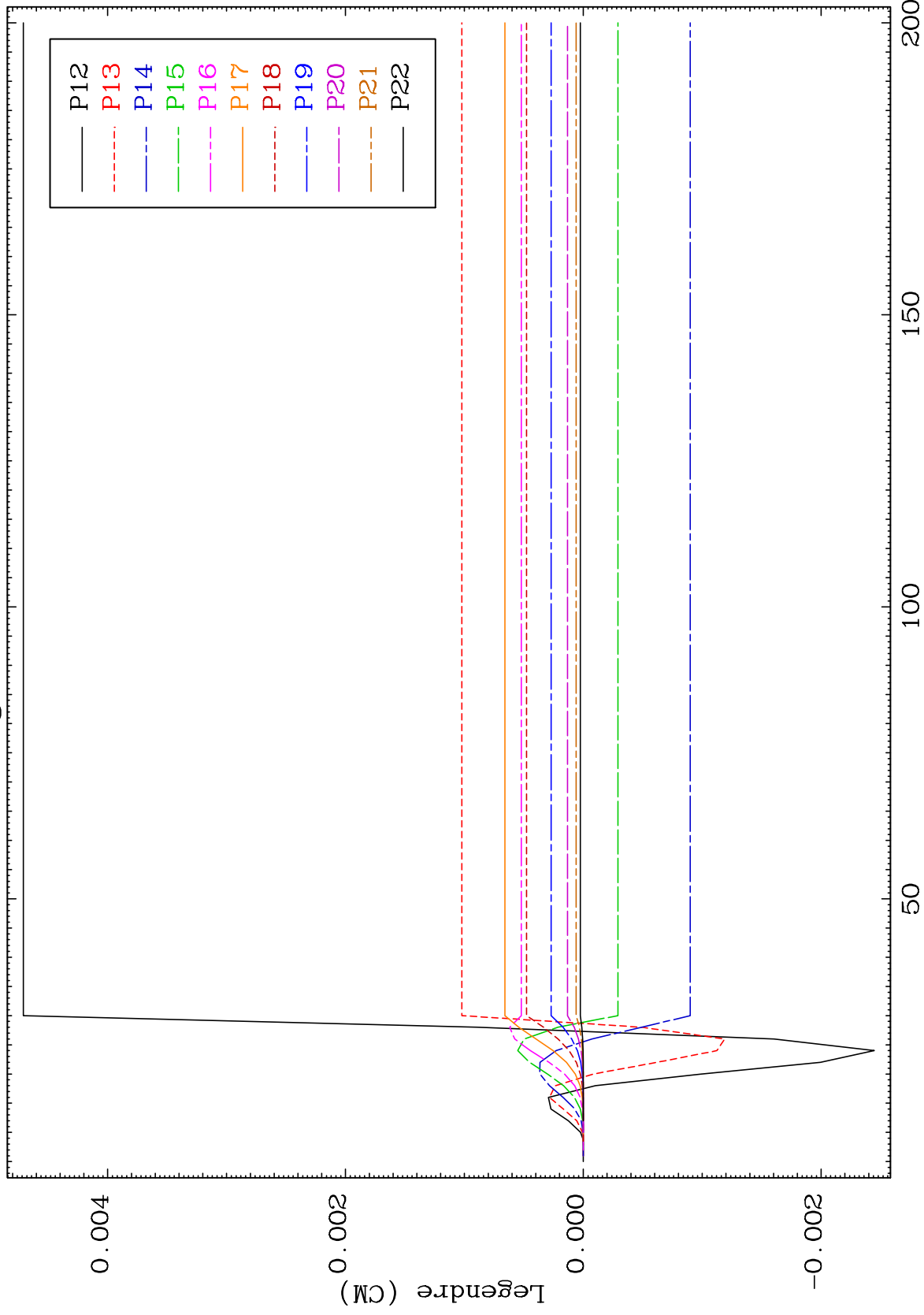
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



75

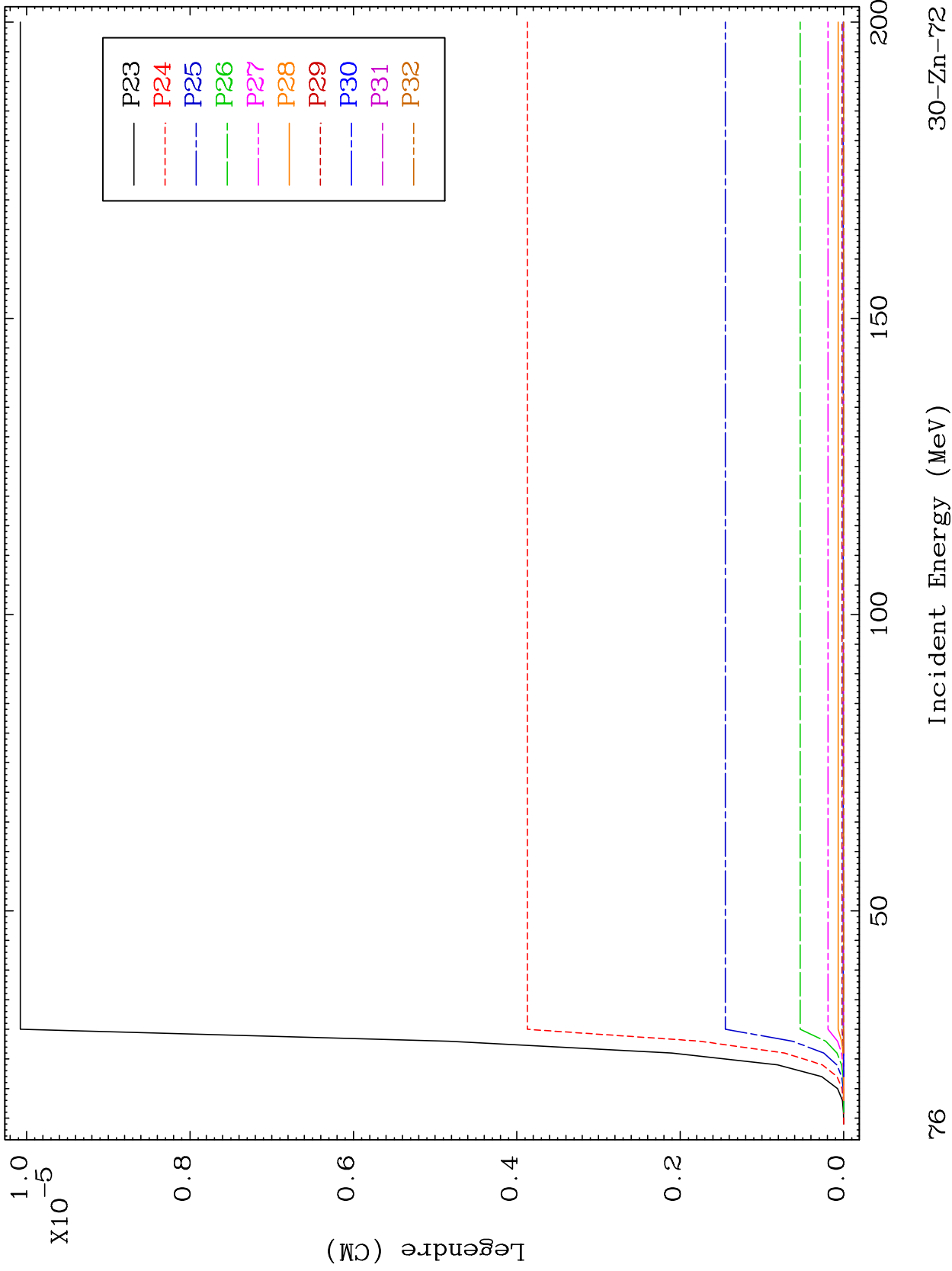
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

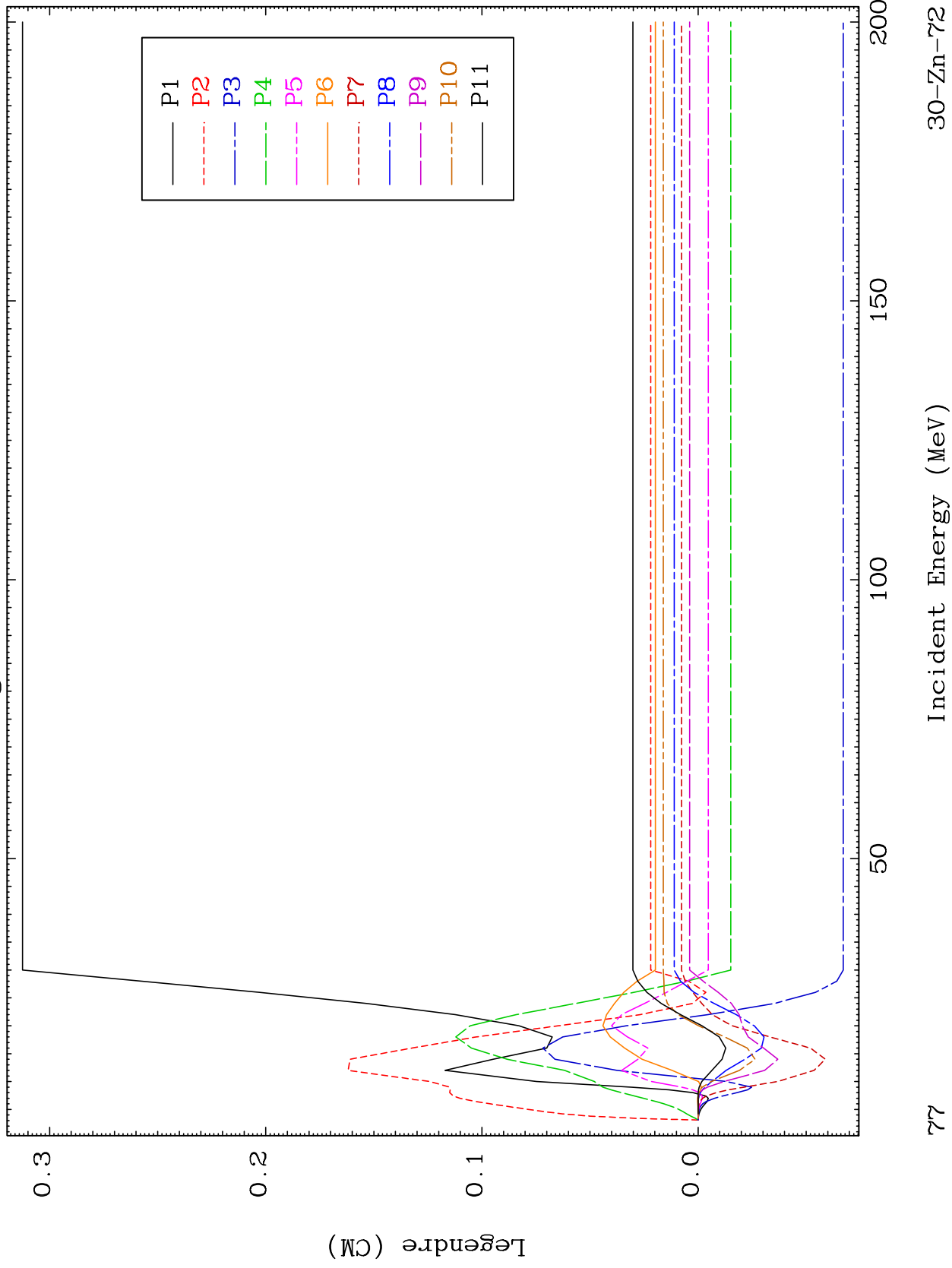
30-Zn-72



MAT 3049

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

30-Zn-72



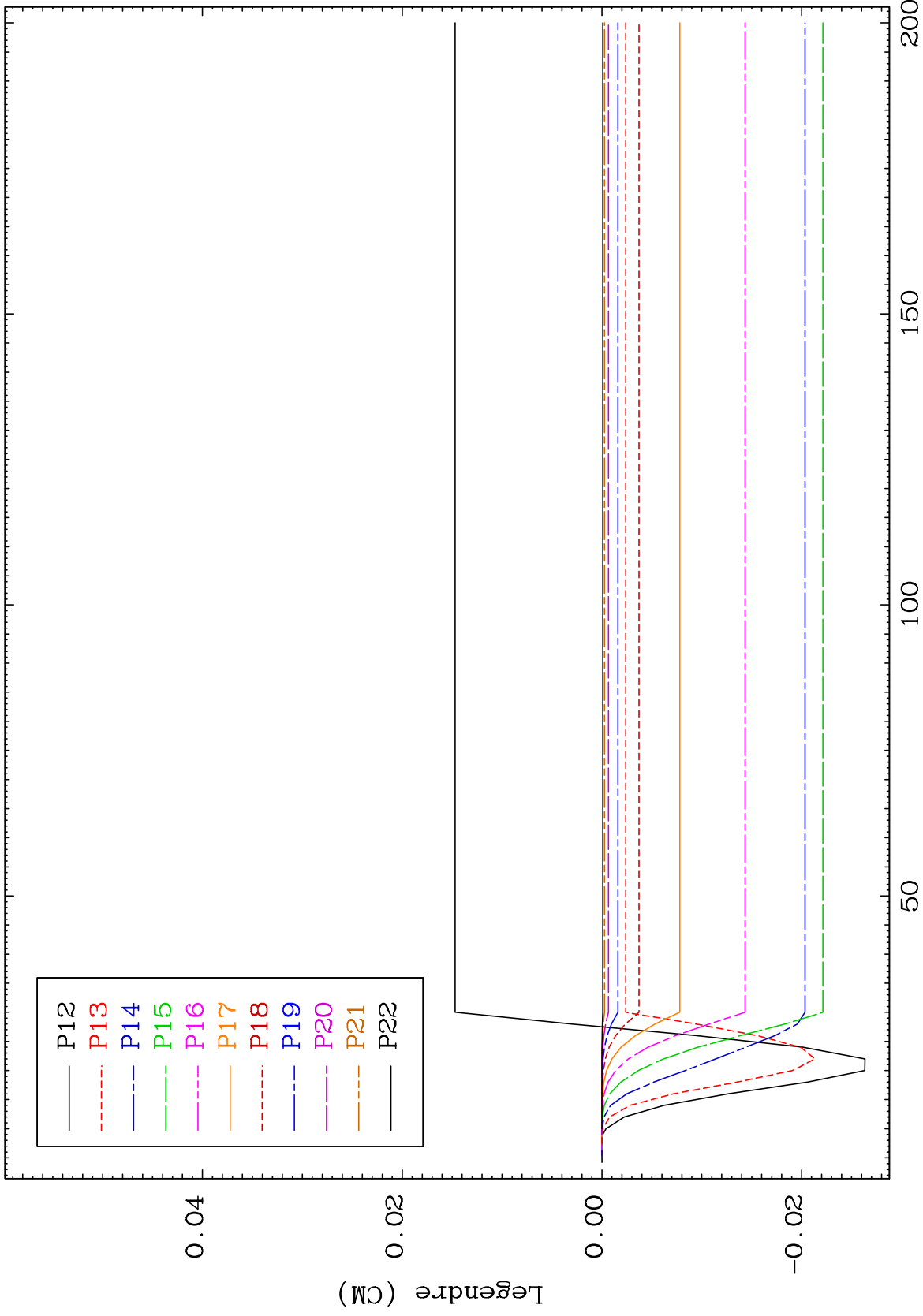
77

30-Zn-72

MAT 3049

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

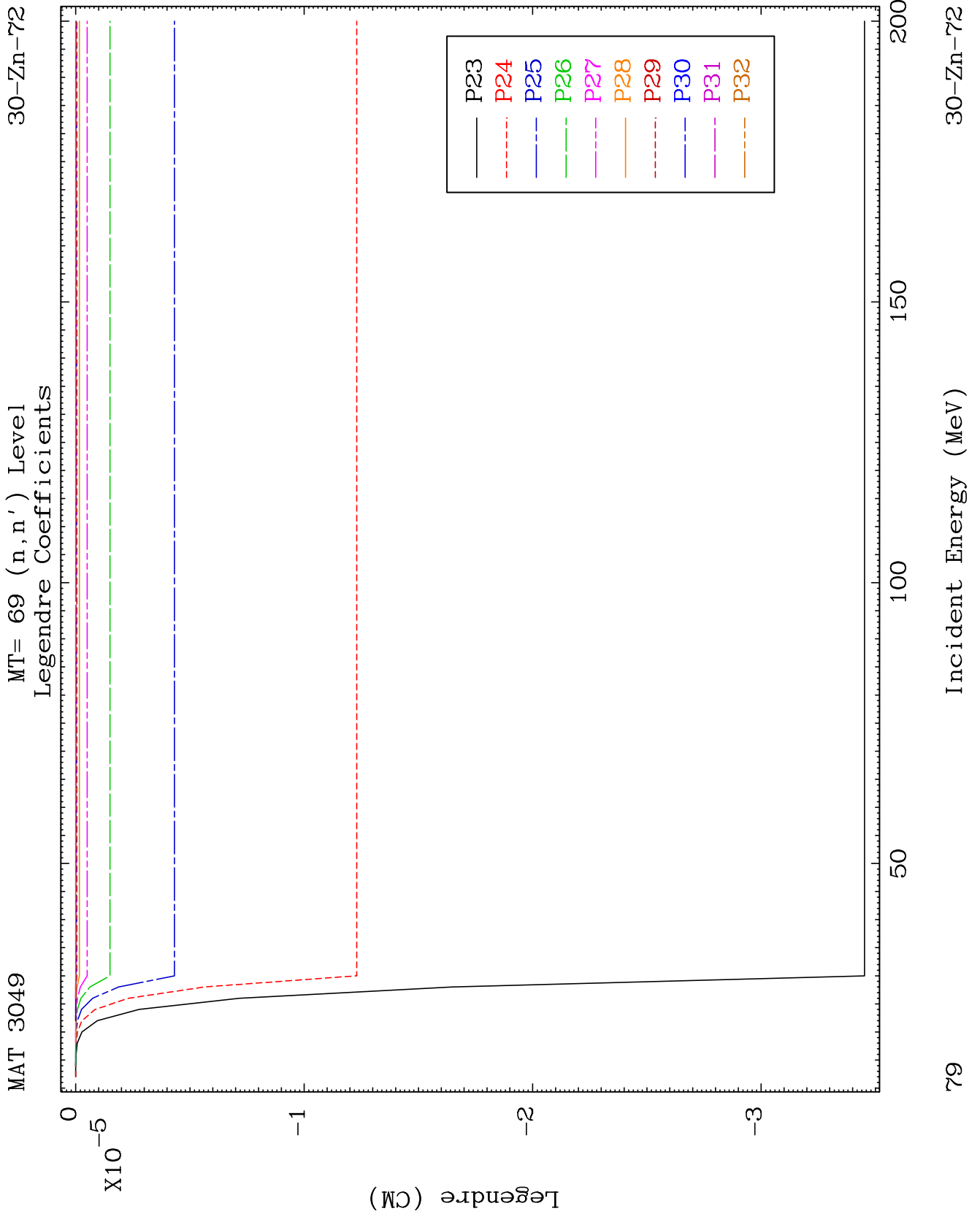
30-Zn-72

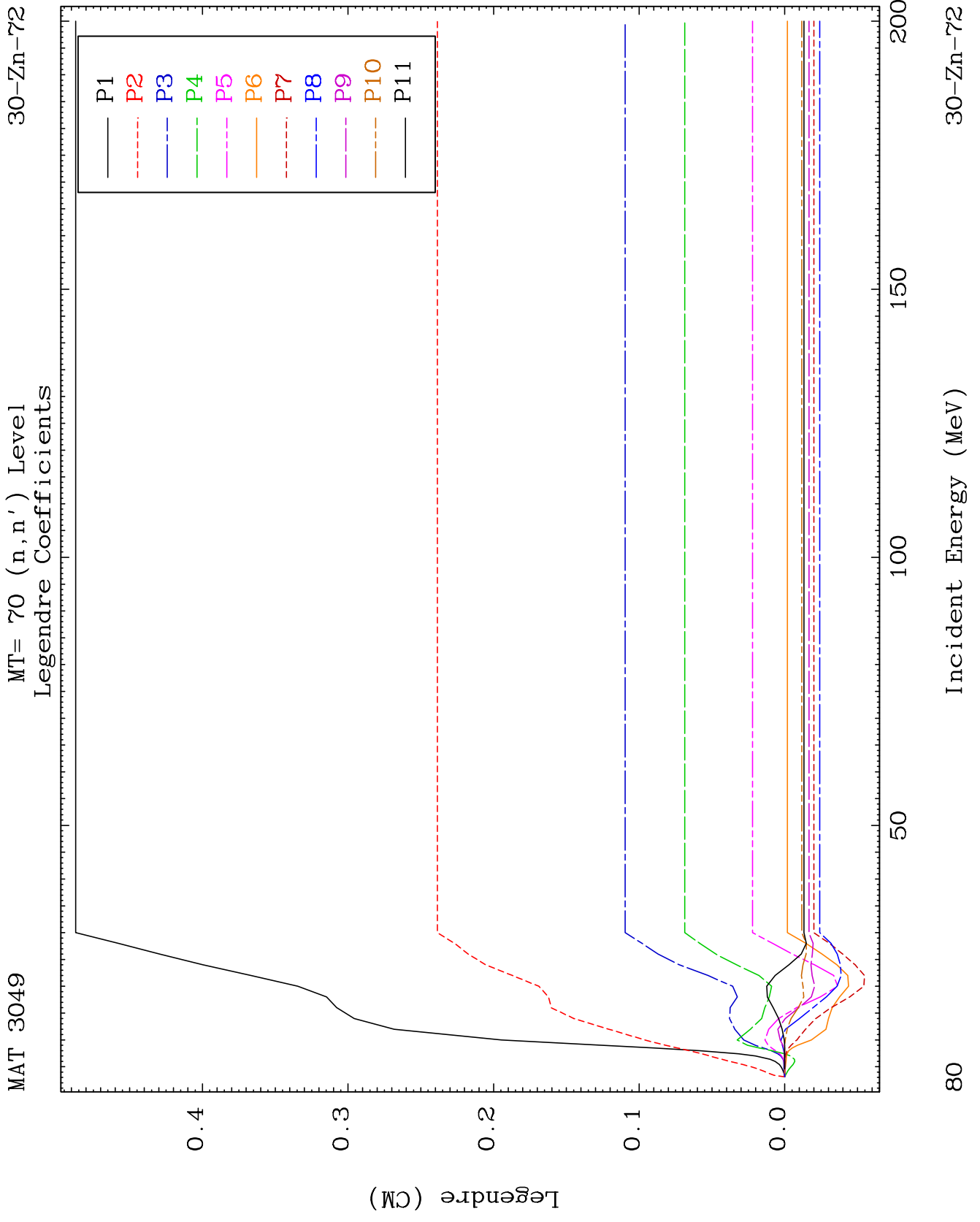


78

Incident Energy (MeV)

30-Zn-72

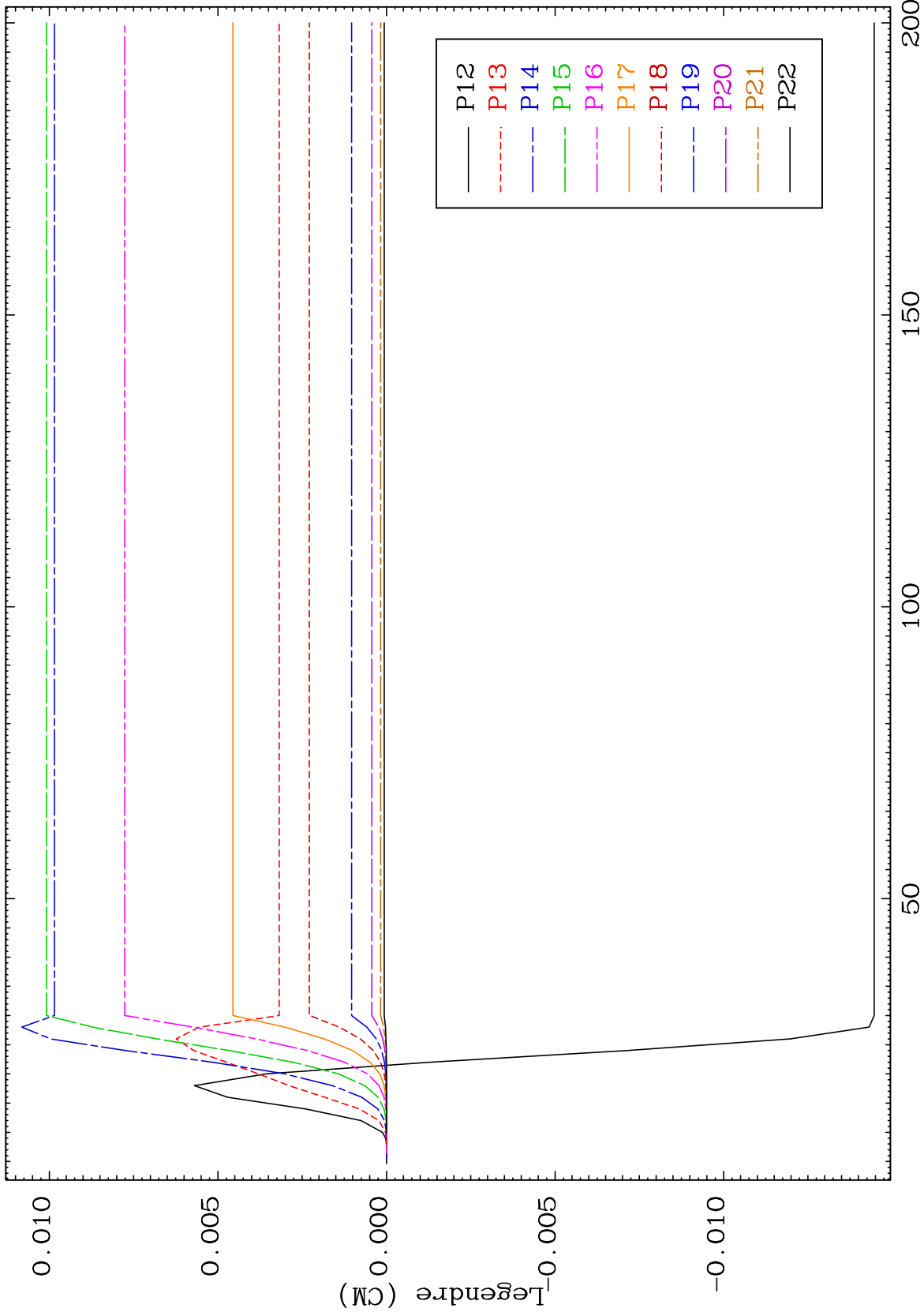




MAT 3049

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

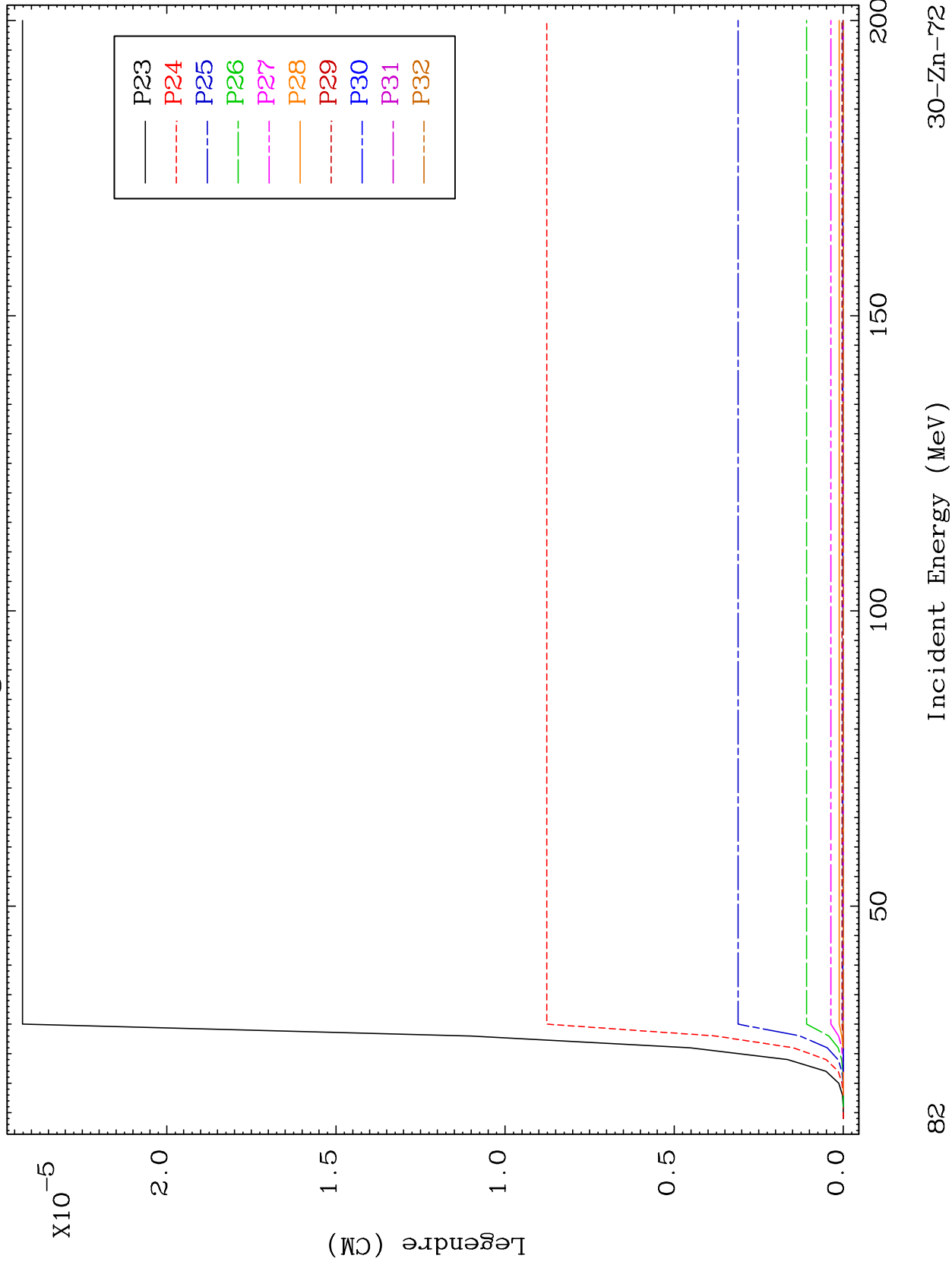
30-Zn-72



MAT 3049

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

30-Zn-72



82

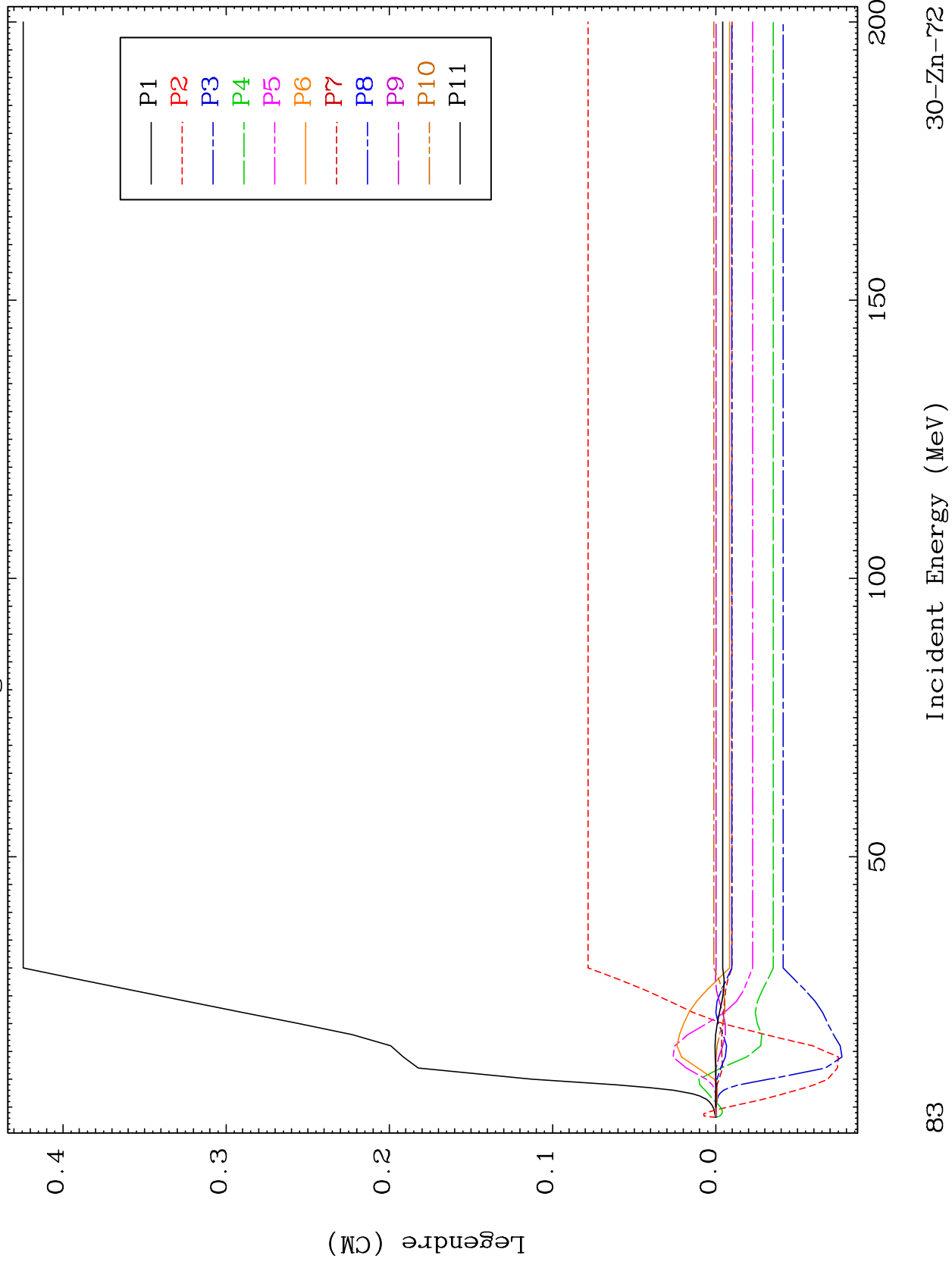
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



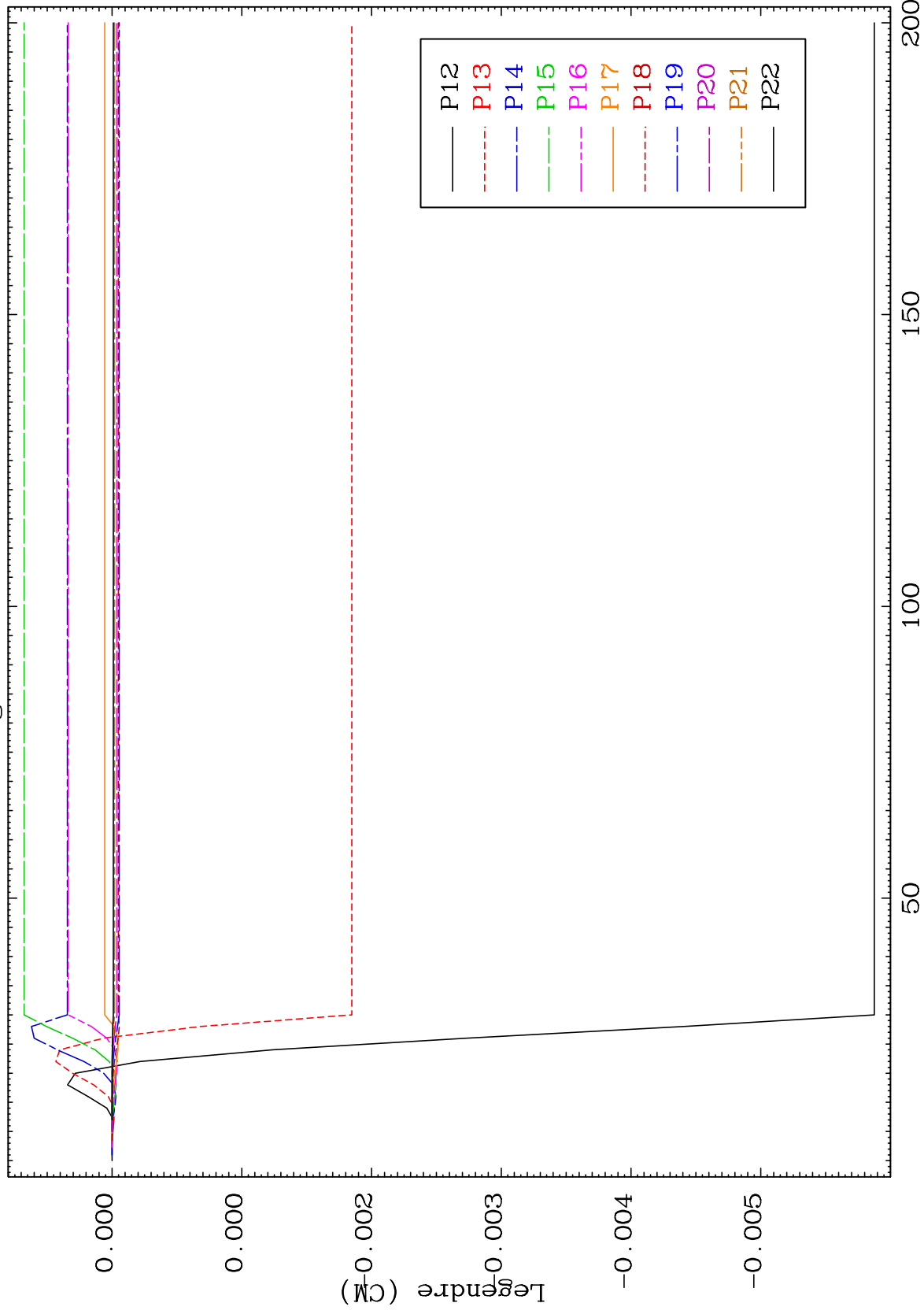
83

30-Zn-72

MAT 3049

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

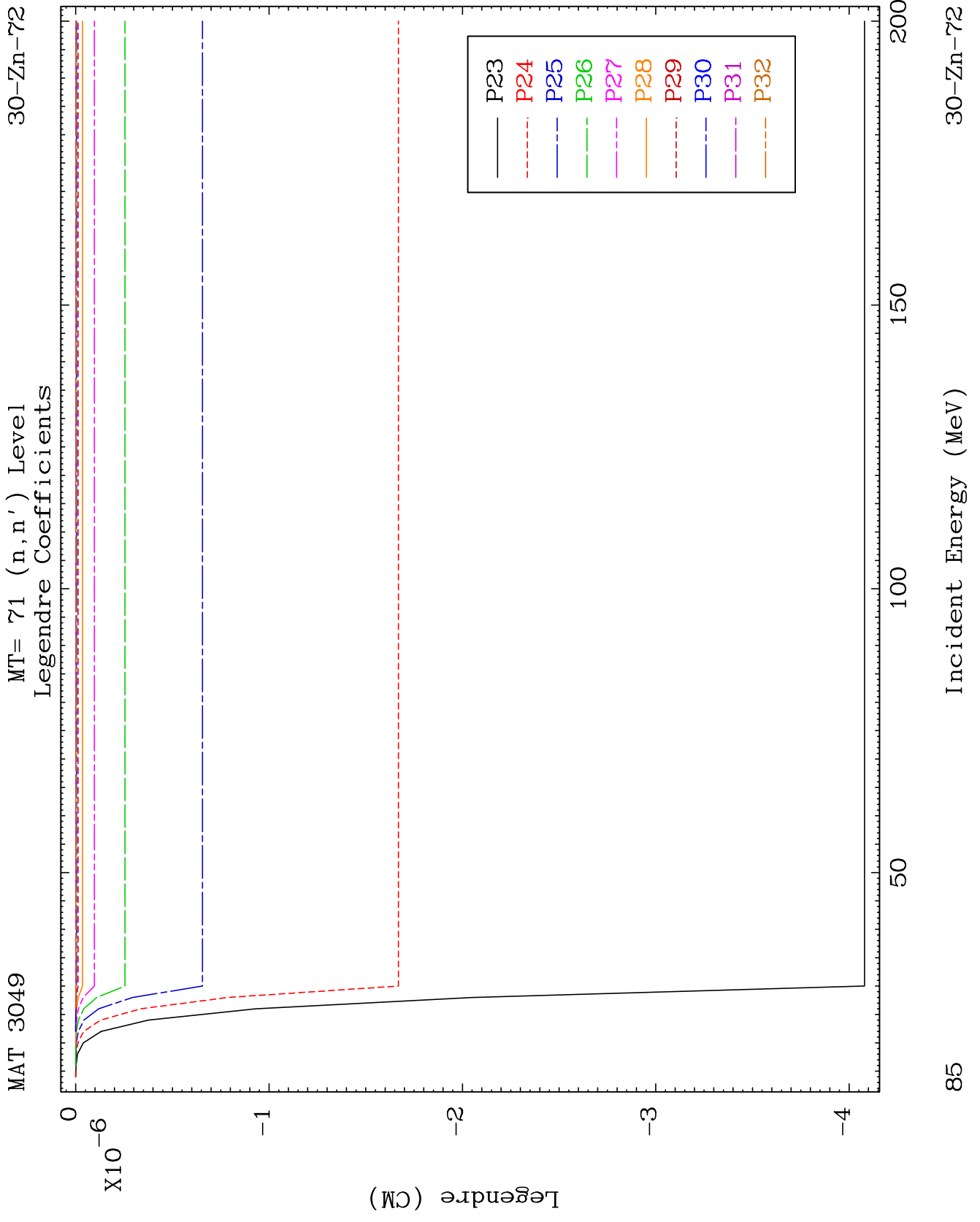
30-Zn-72

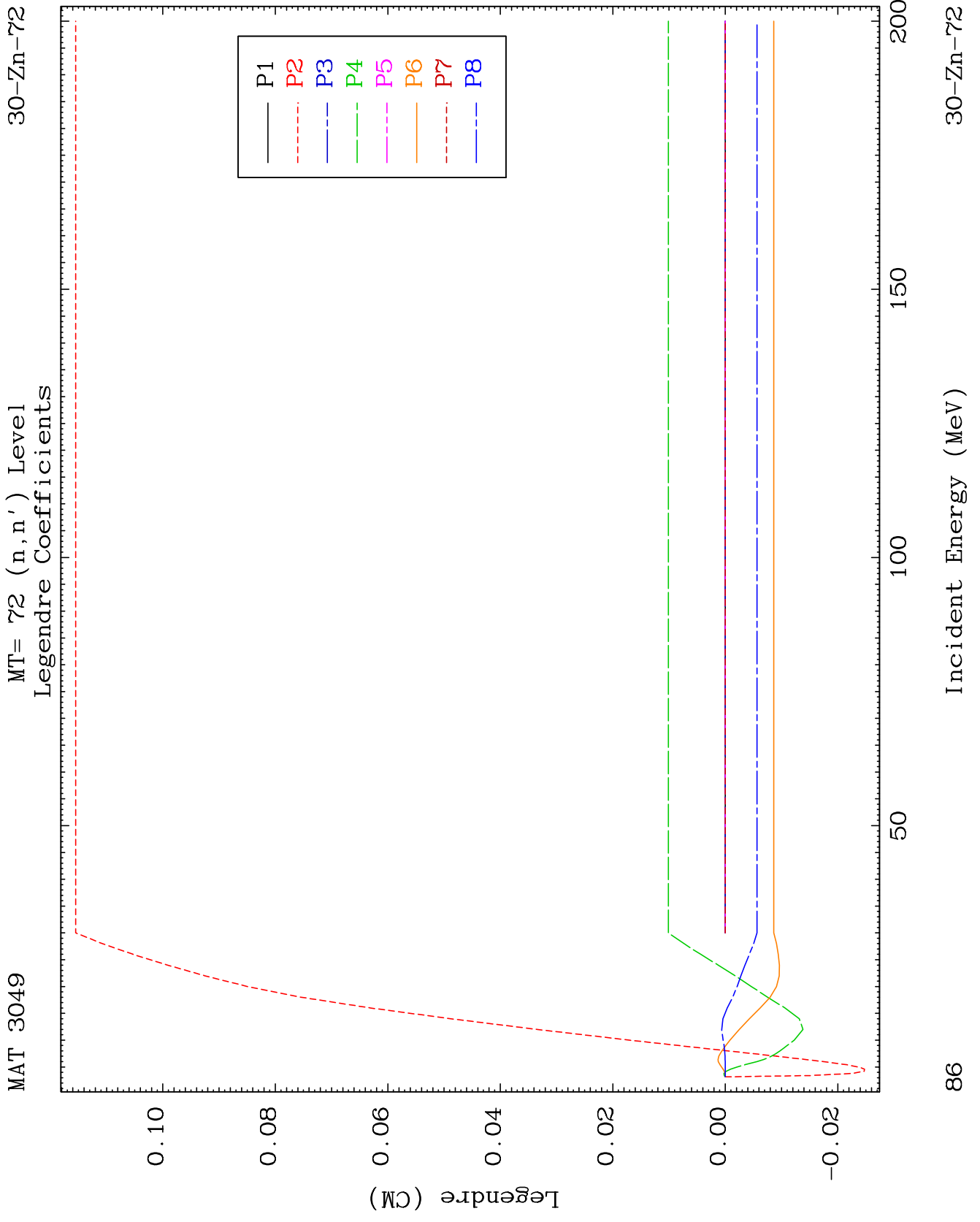


84

Incident Energy (MeV)

30-Zn-72

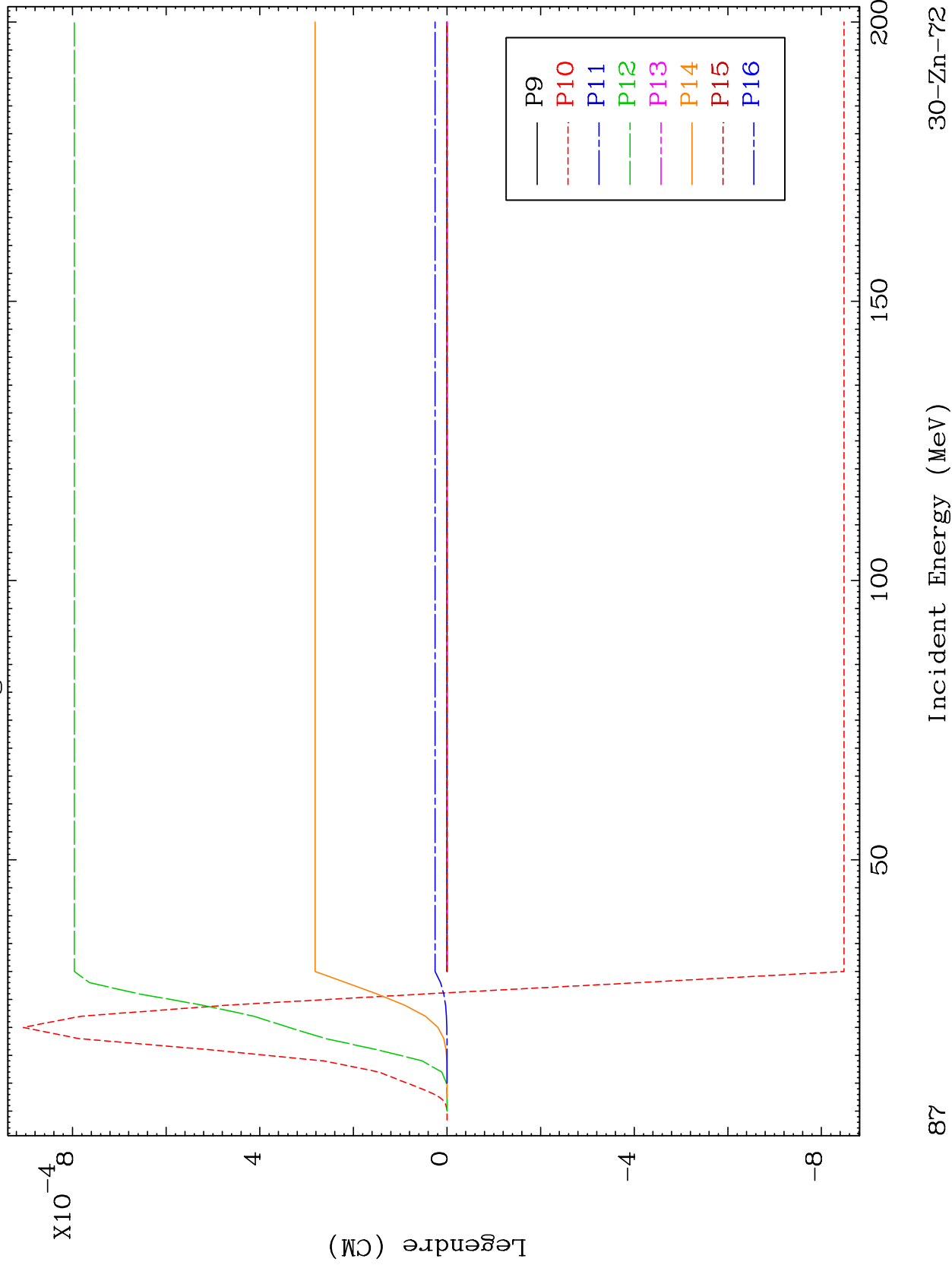




MAT 3049

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

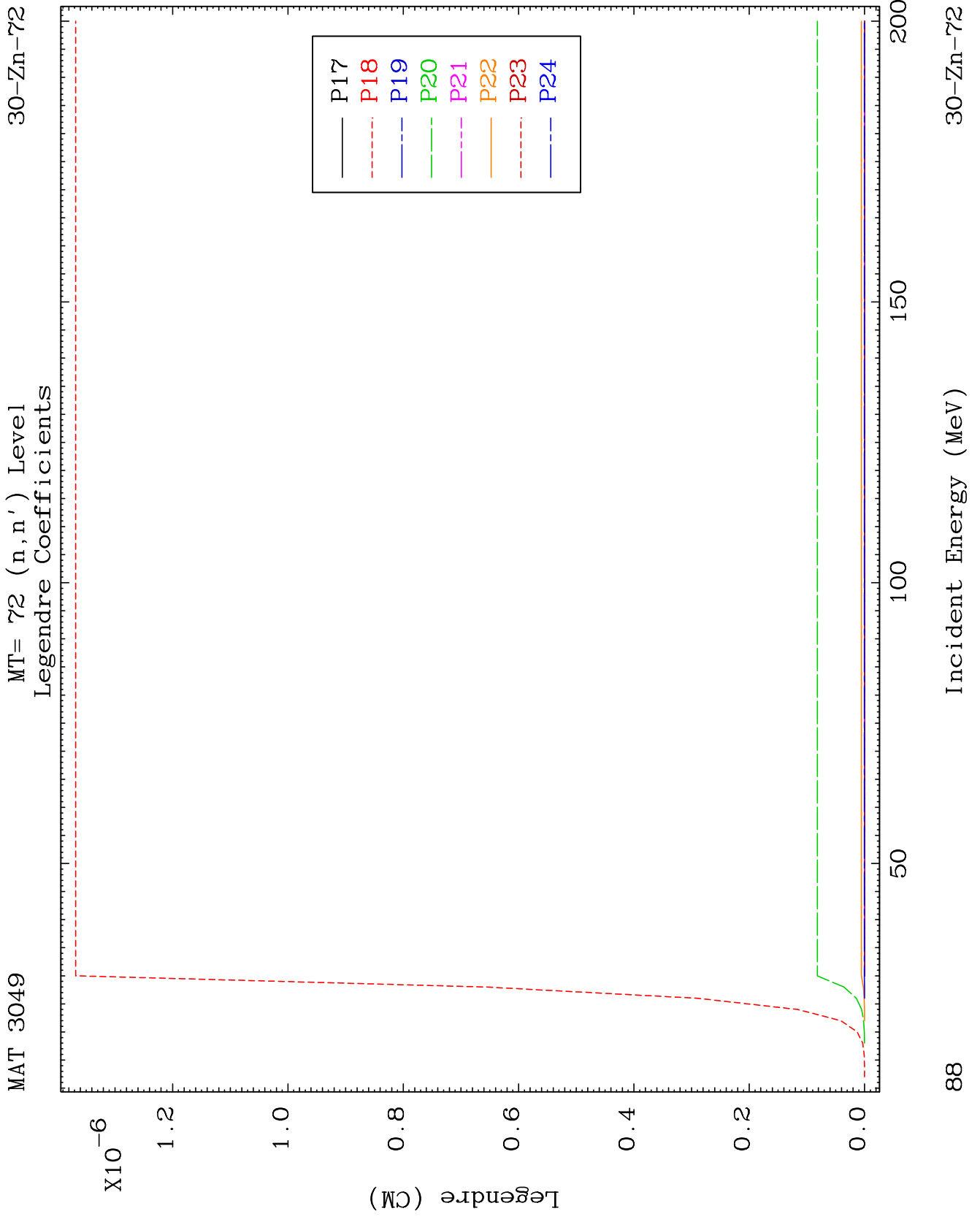
30-Zn-72



87

Incident Energy (MeV)

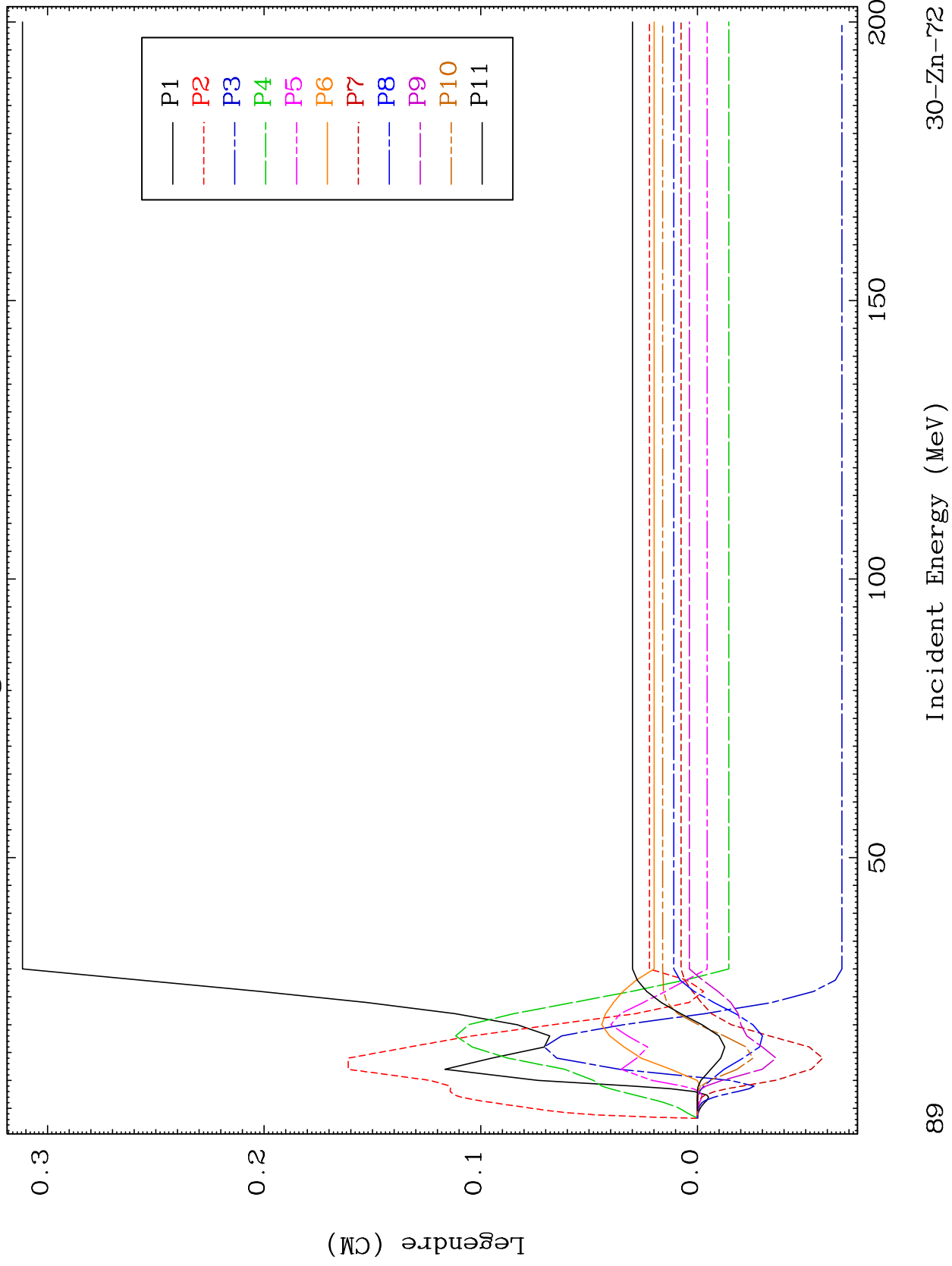
30-Zn-72



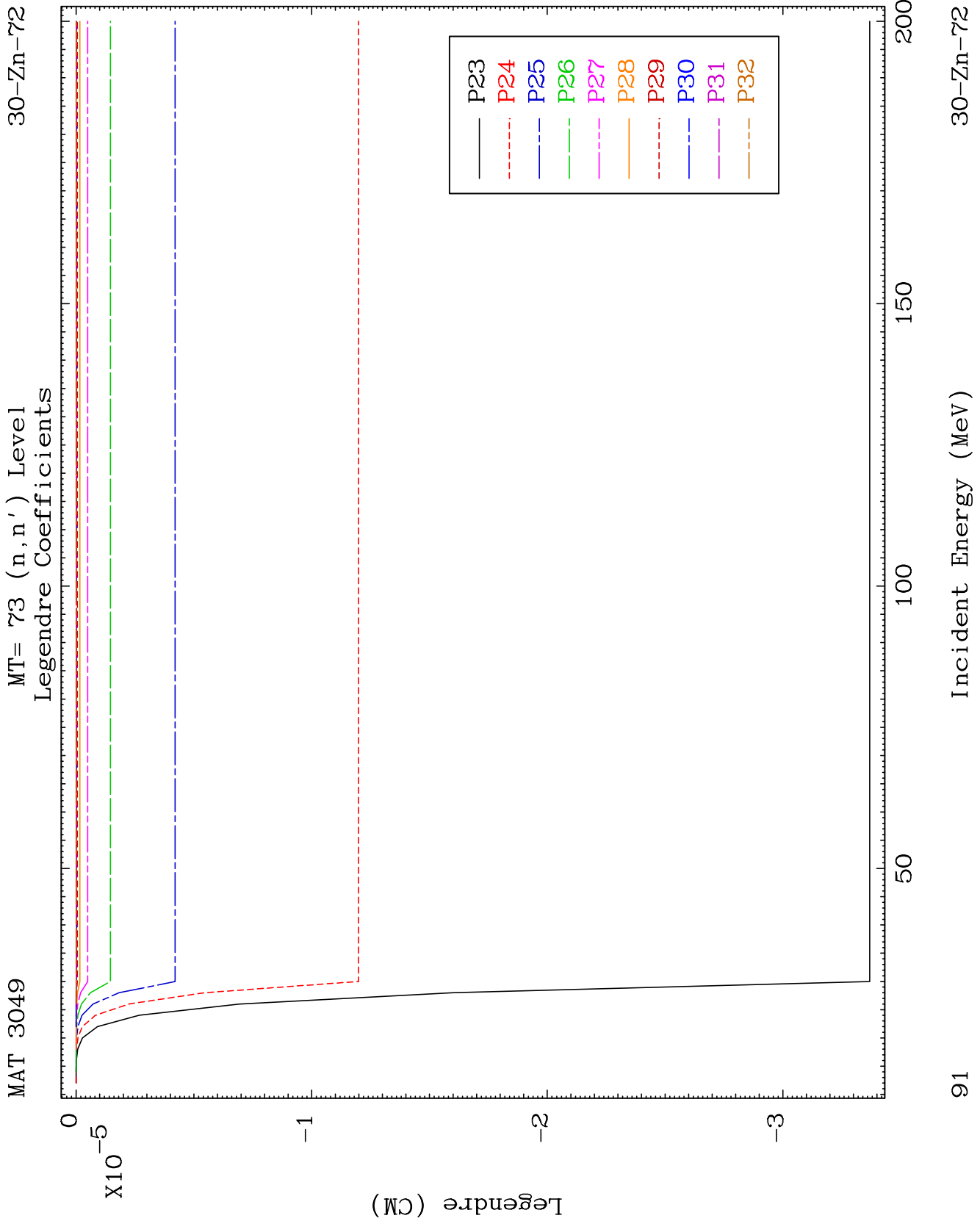
MAT 3049

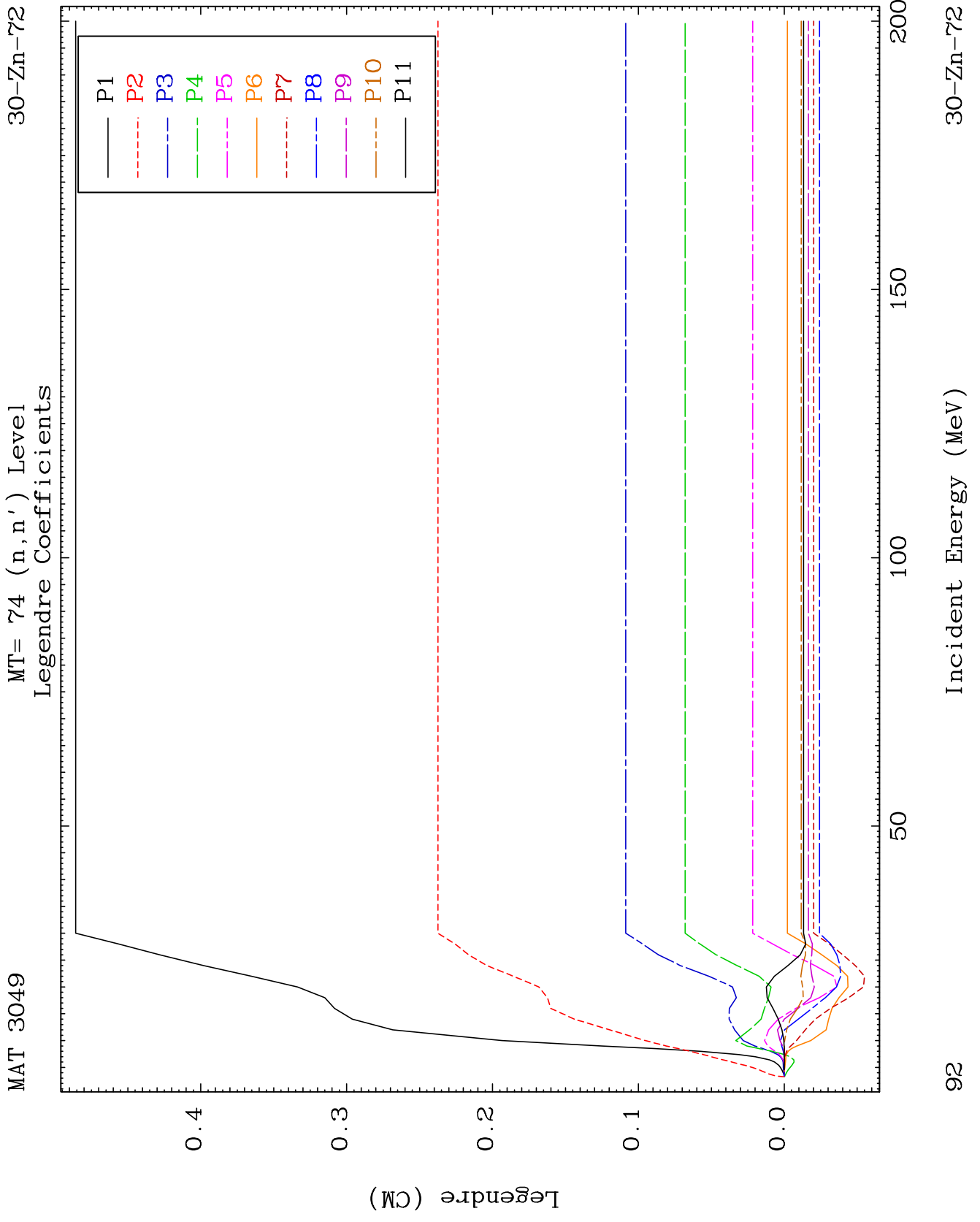
MT= 73 (n,n') Level  
Legendre Coefficients

30-Zn-72





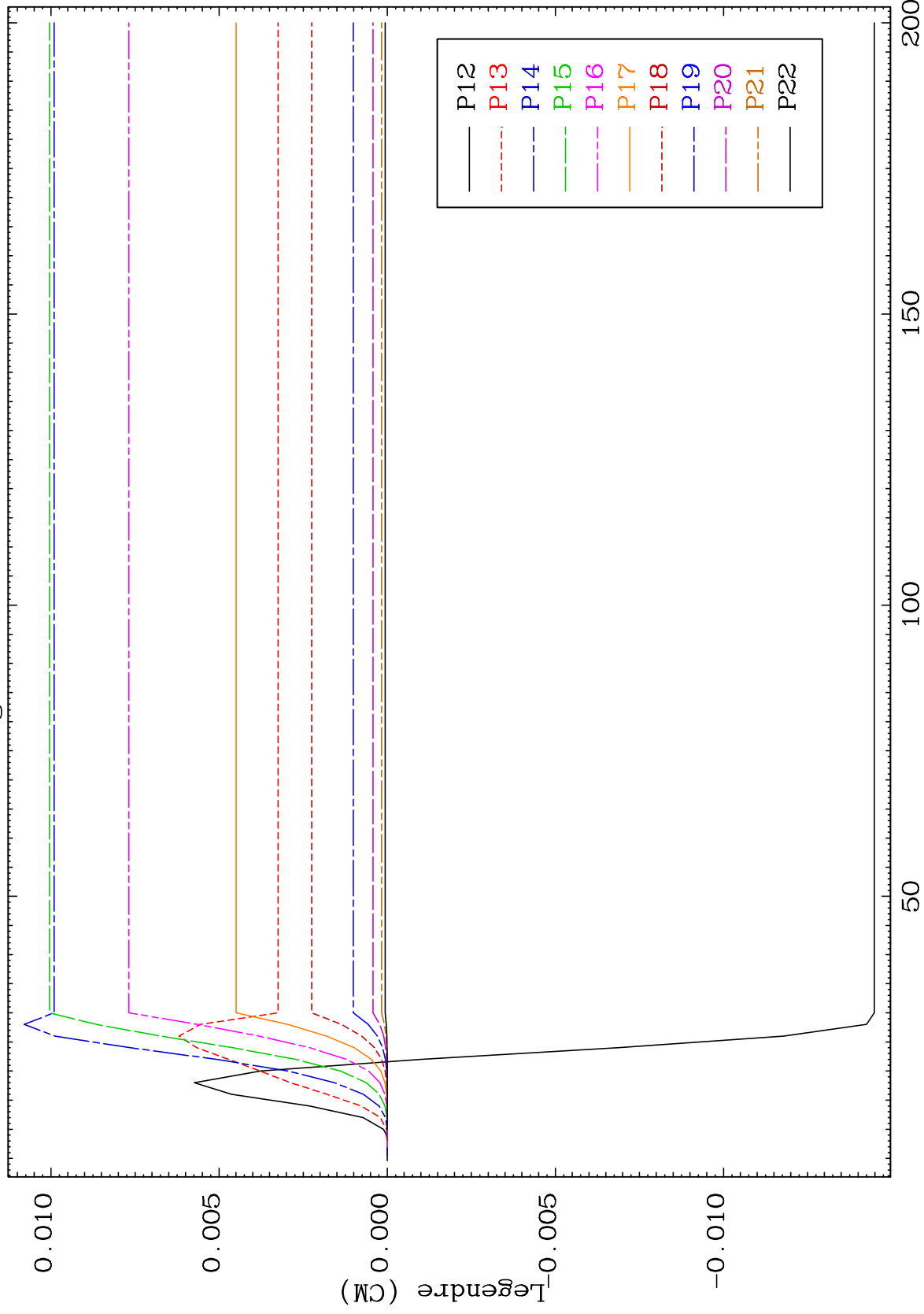




MAT 3049

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

30-Zn-72



93

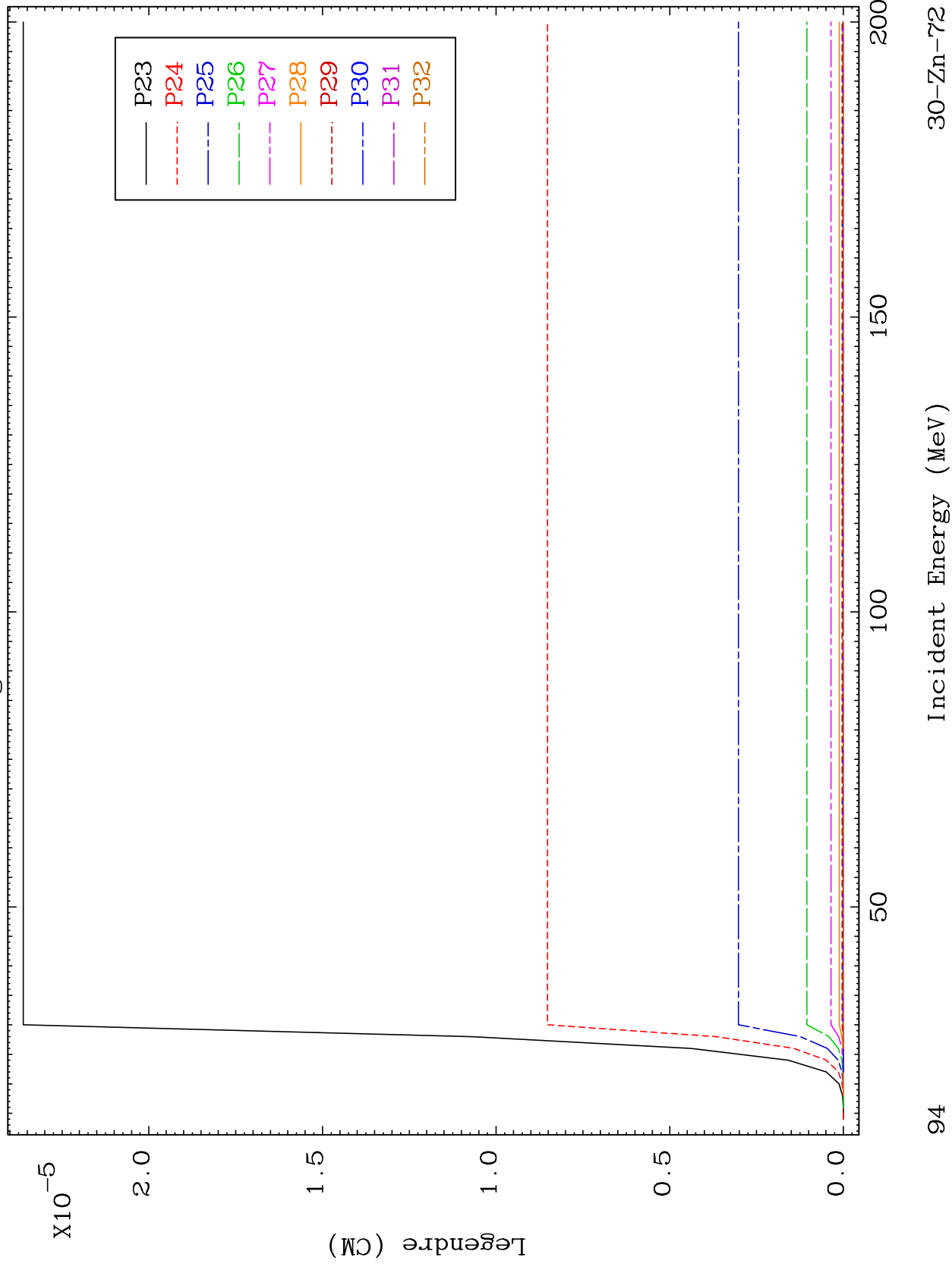
Incident Energy (MeV)

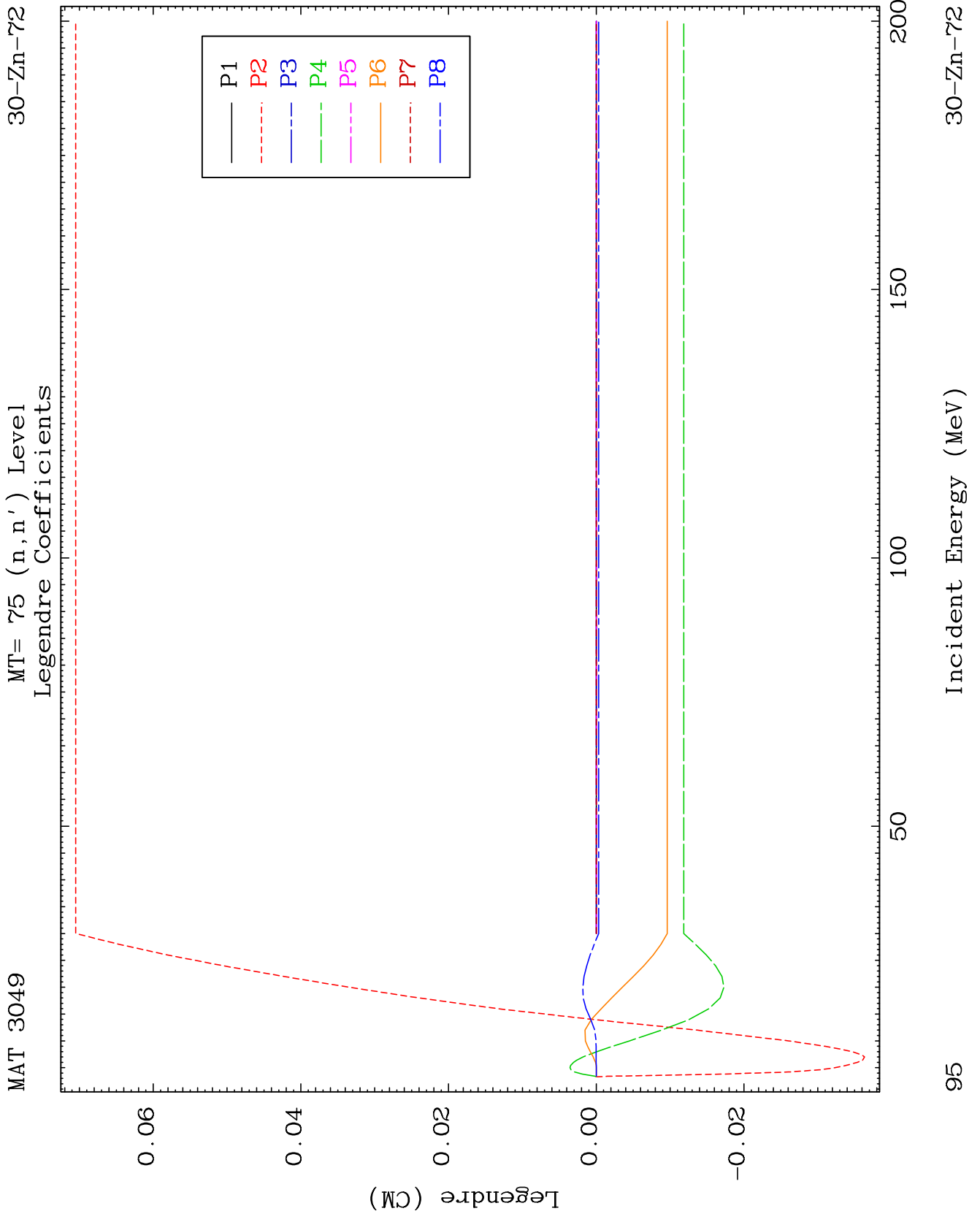
30-Zn-72

MAT 3049

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

30-Zn-72

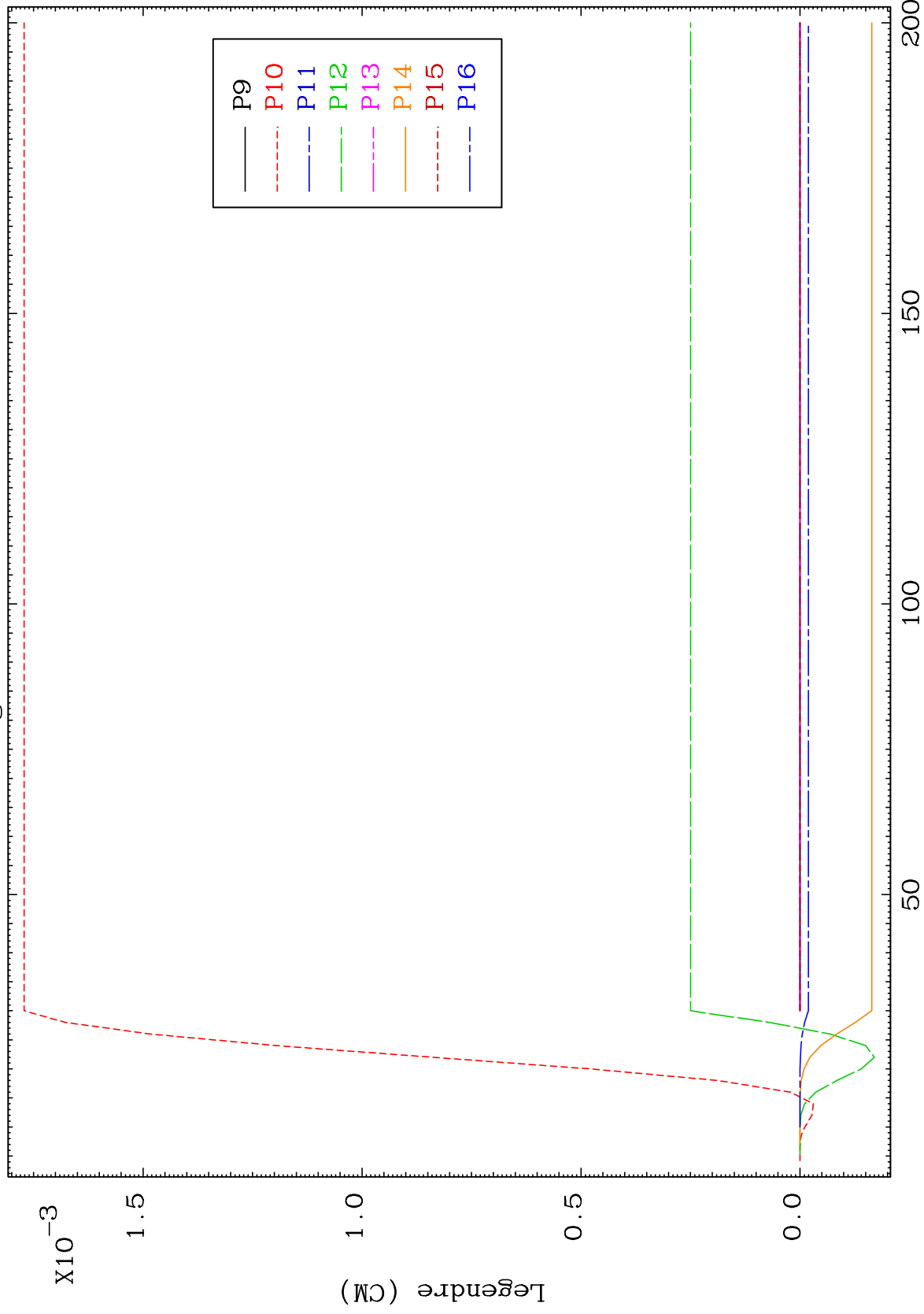




MAT 3049

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

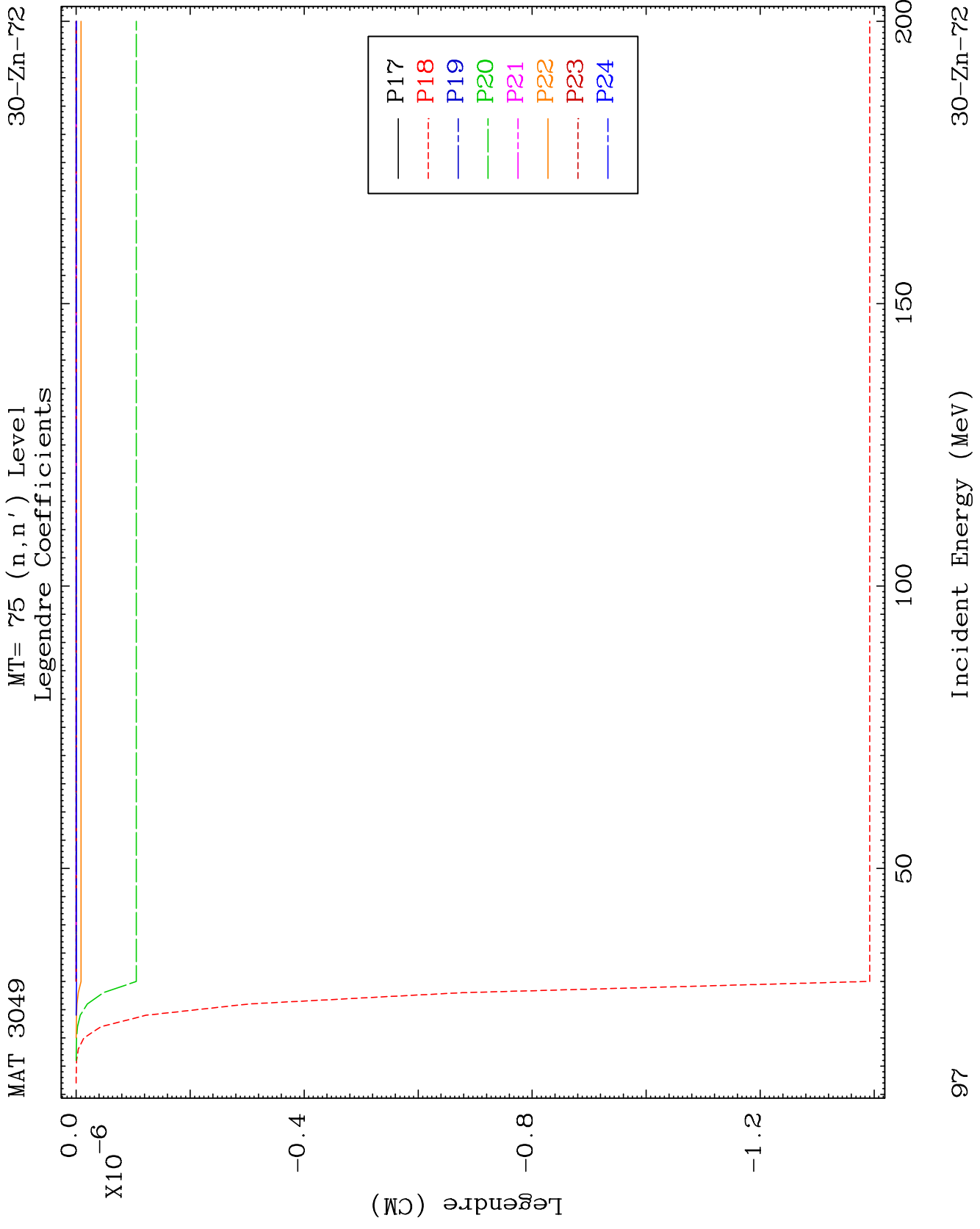
30-Zn-72



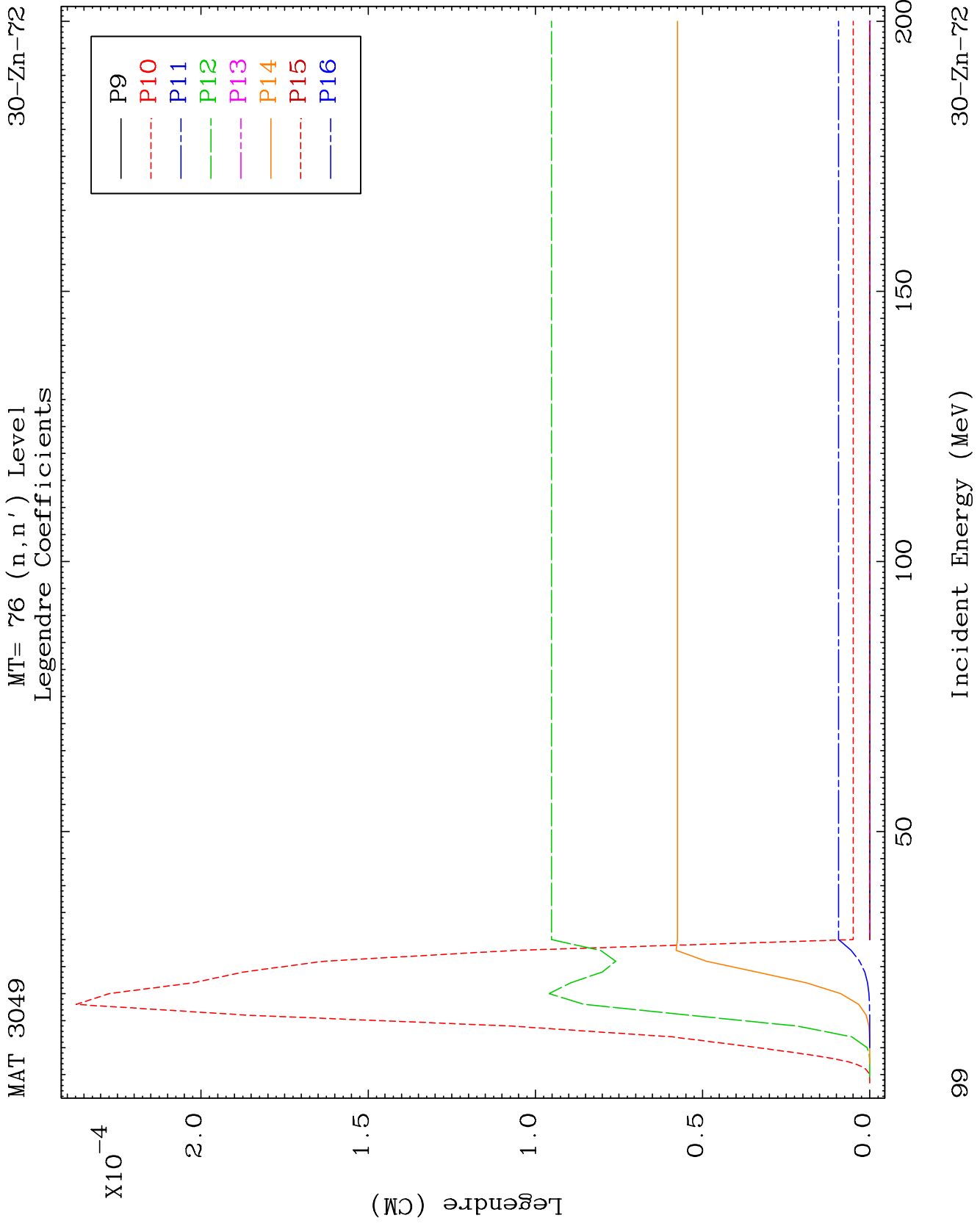
96

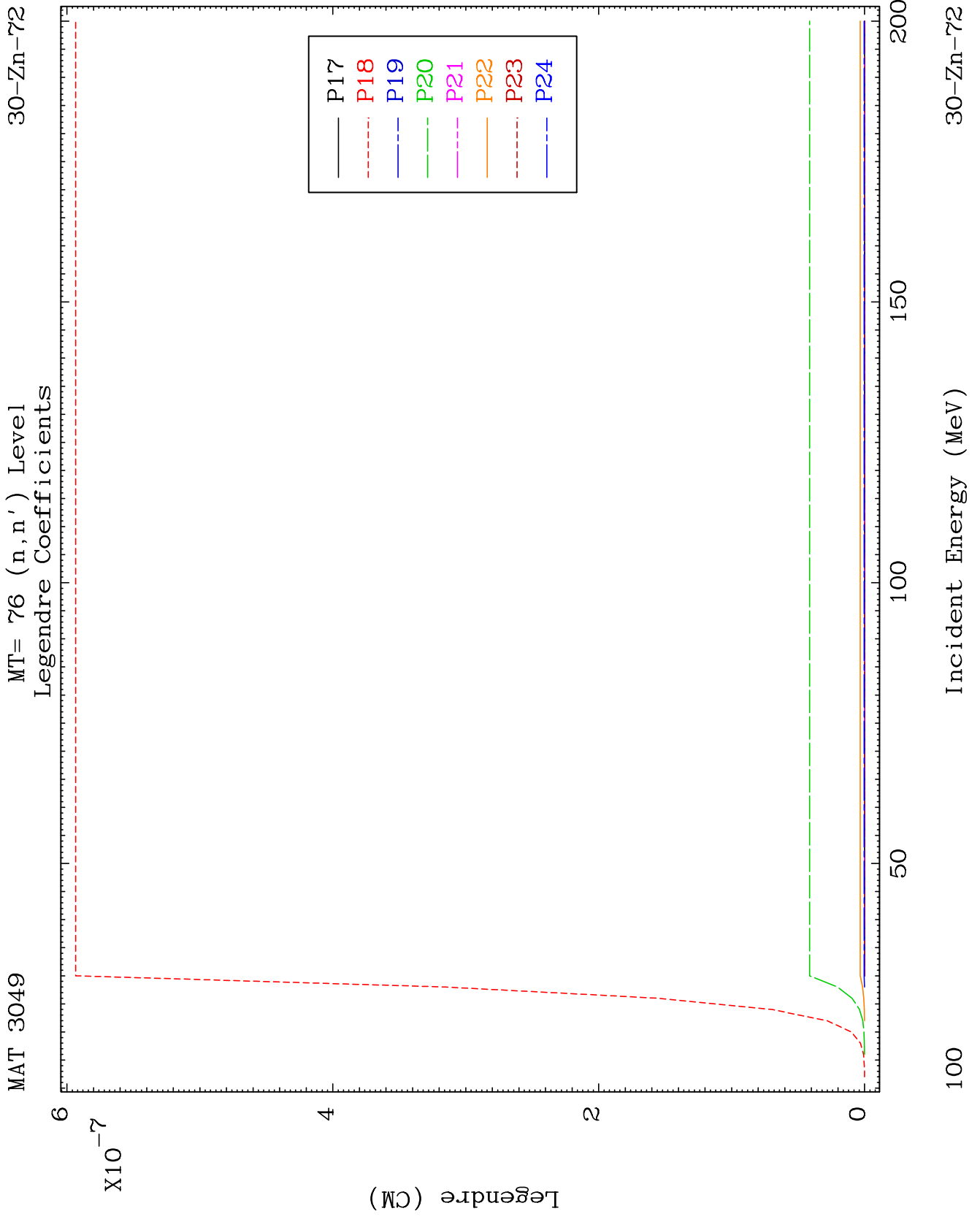
Incident Energy (MeV)

30-Zn-72





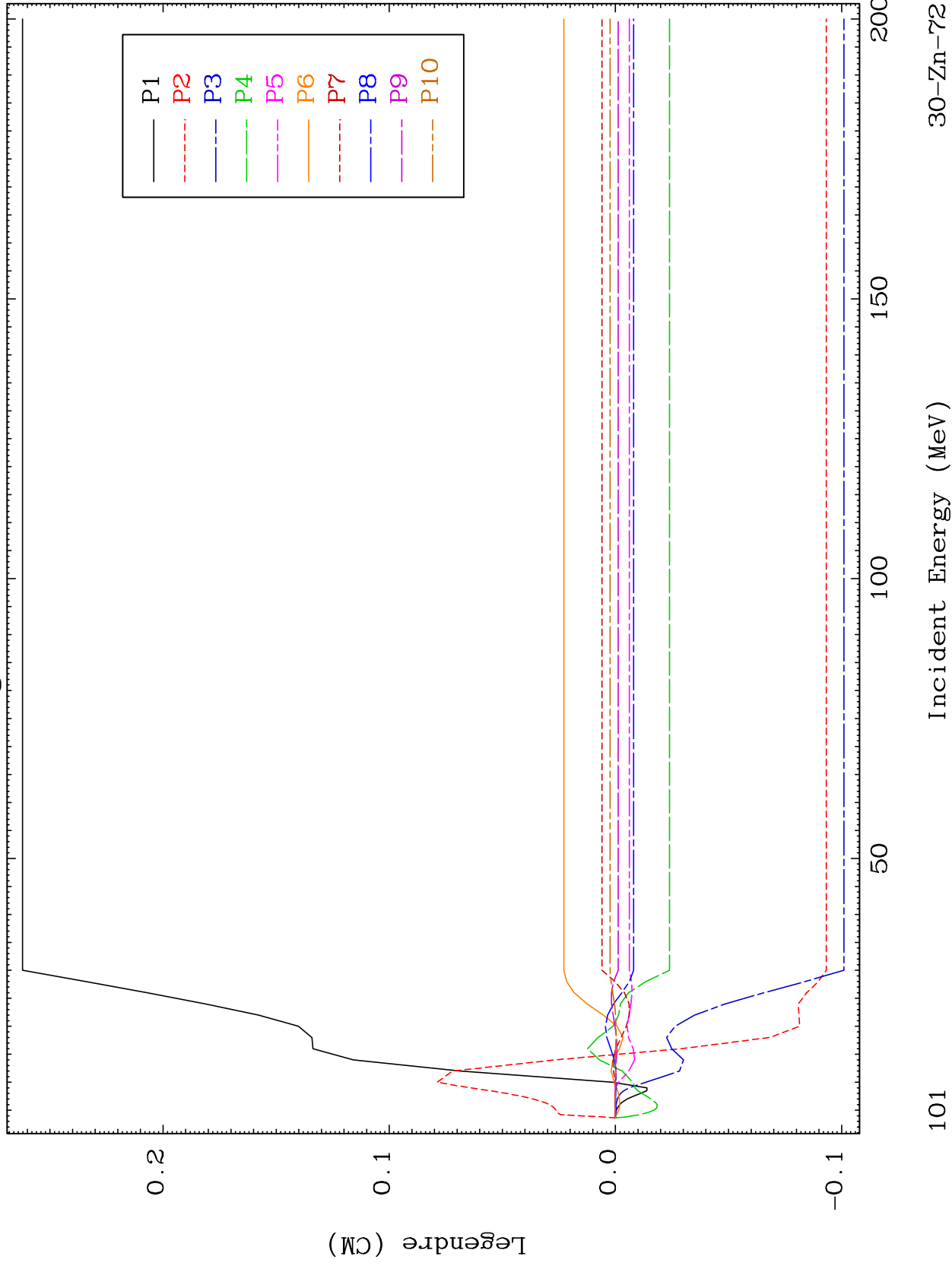




MAT 3049

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

30-Zn-72



101

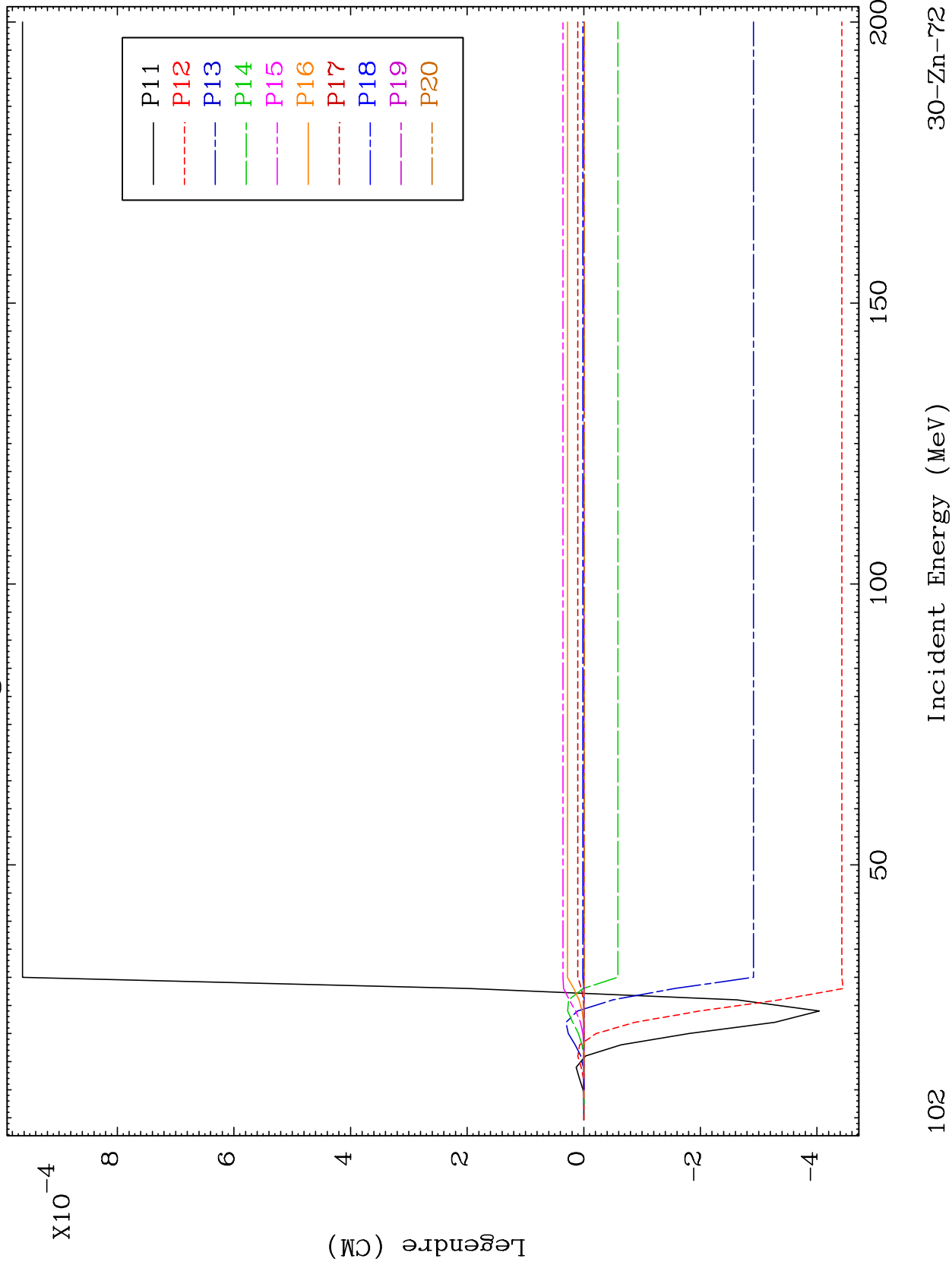
Incident Energy (MeV)

30-Zn-72

MAT 3049

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

30-Zn-72



102

Incident Energy (MeV)

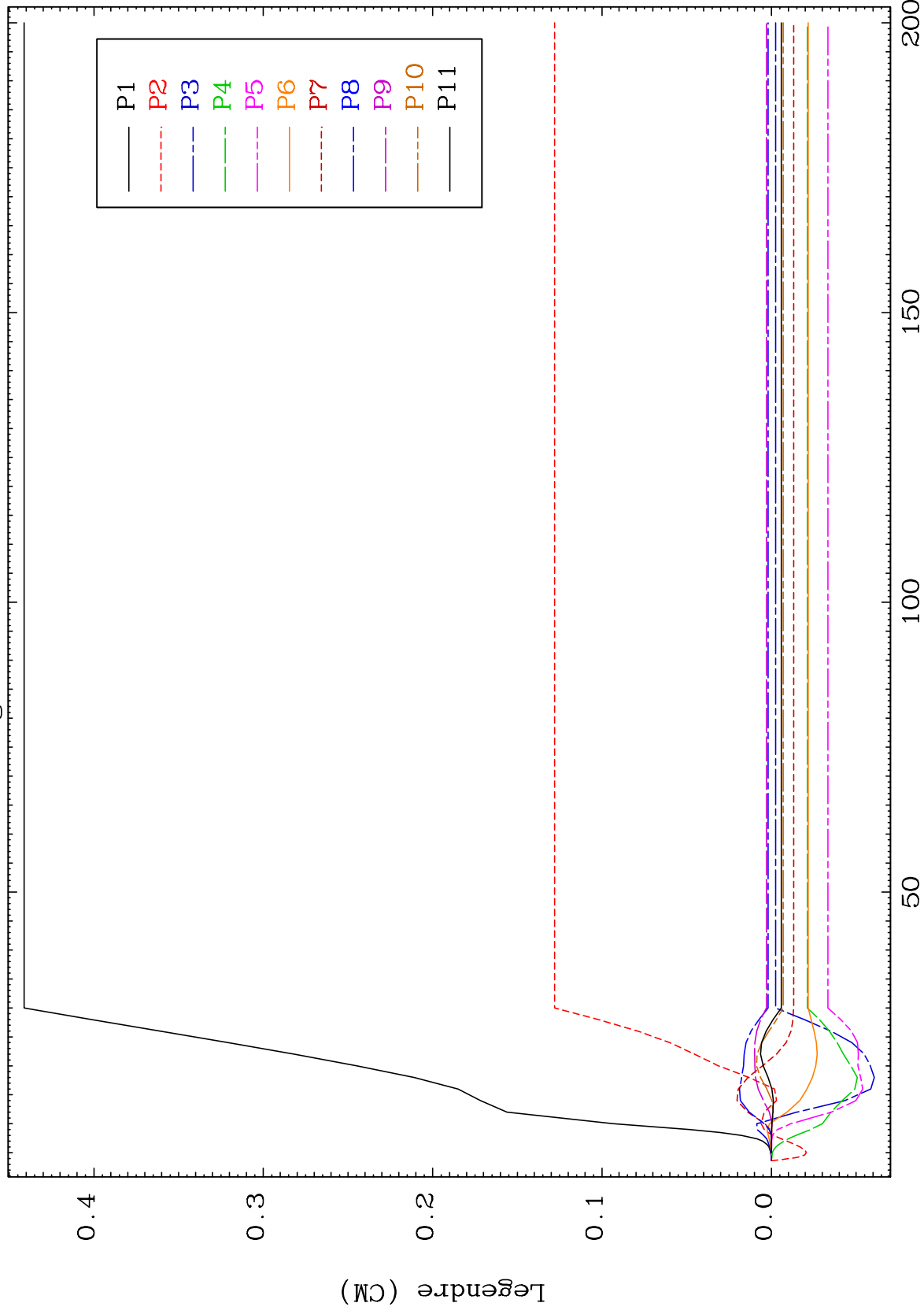
30-Zn-72



MAT 3049

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

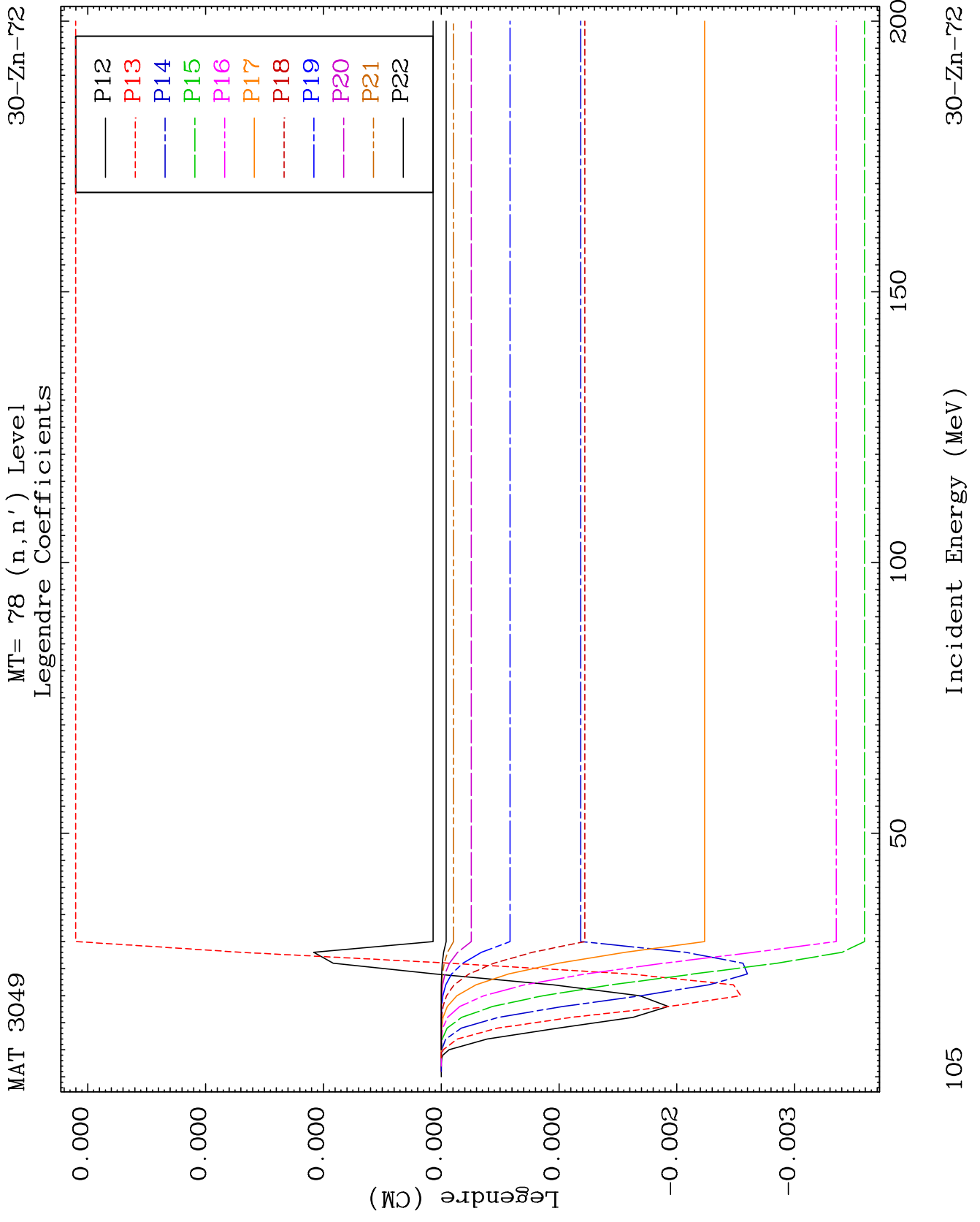
30-Zn-72

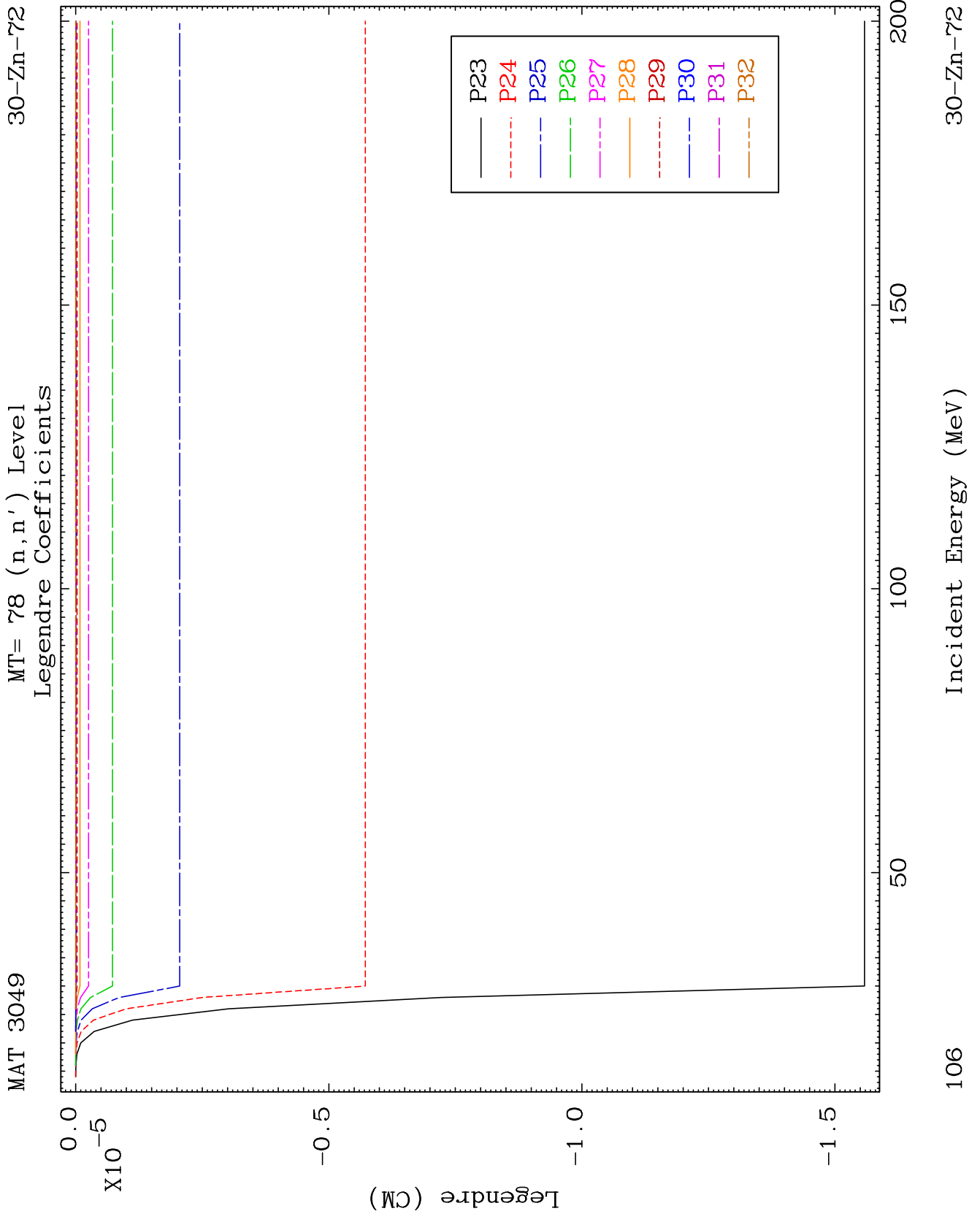


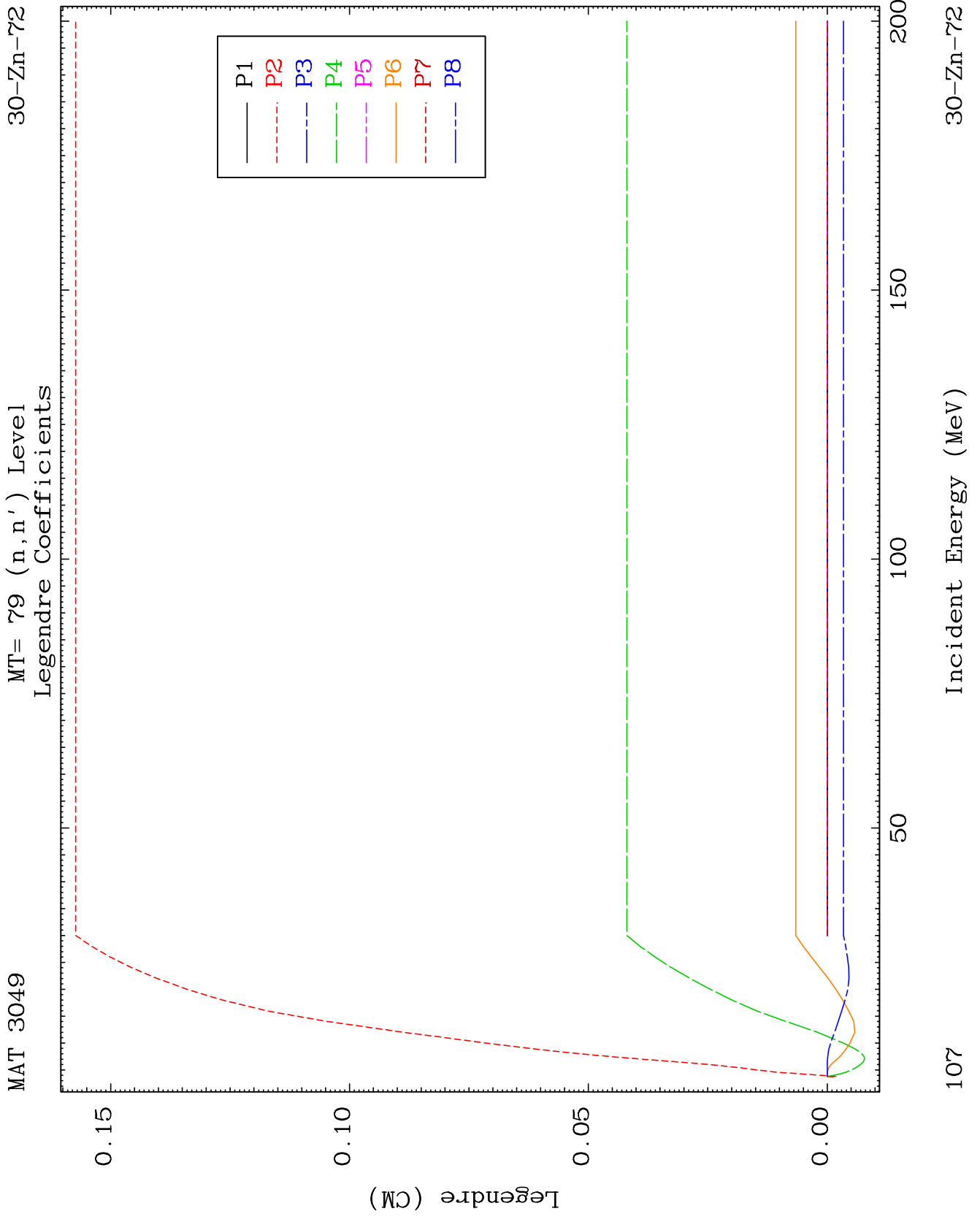
104

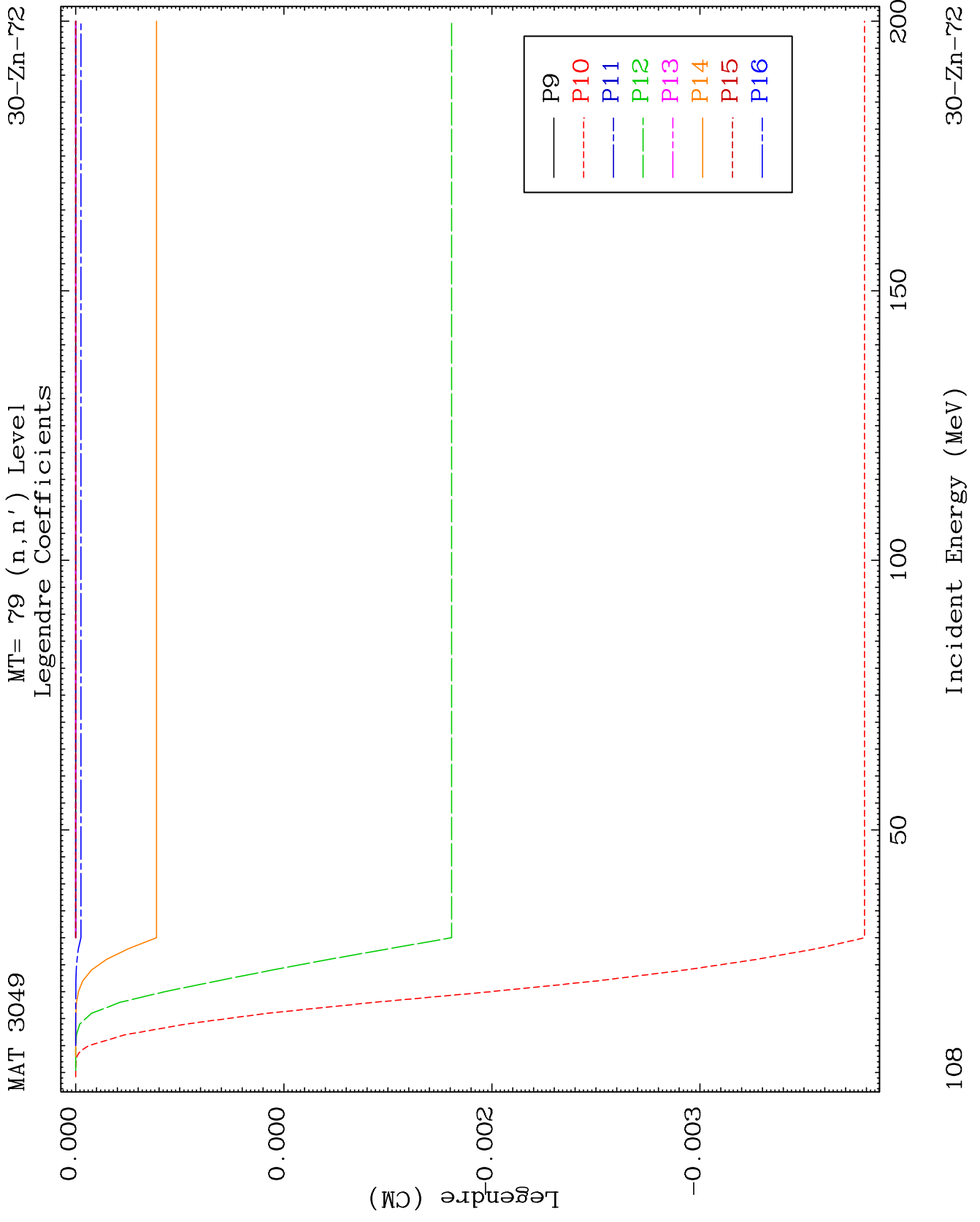
Incident Energy (MeV)

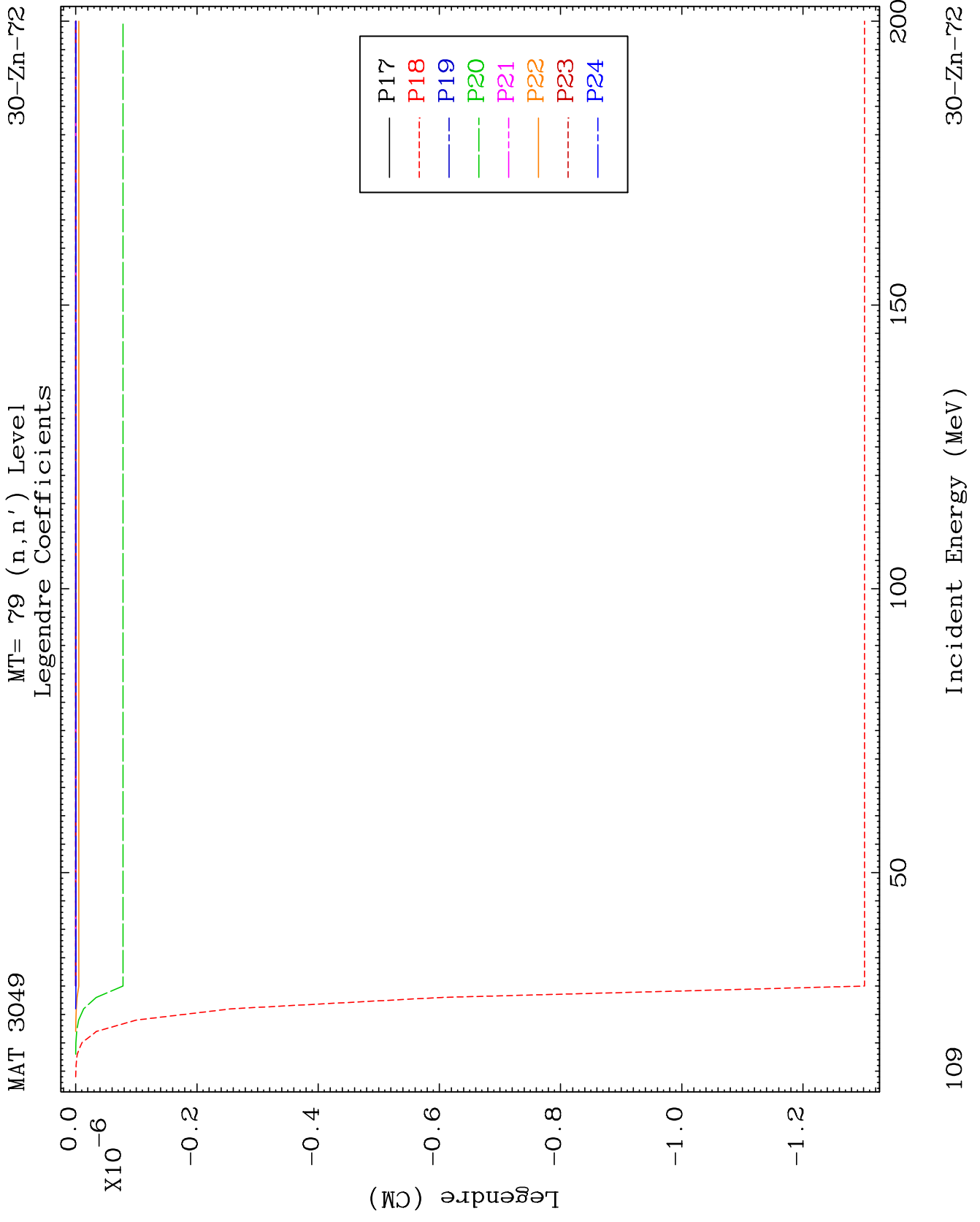
30-Zn-72

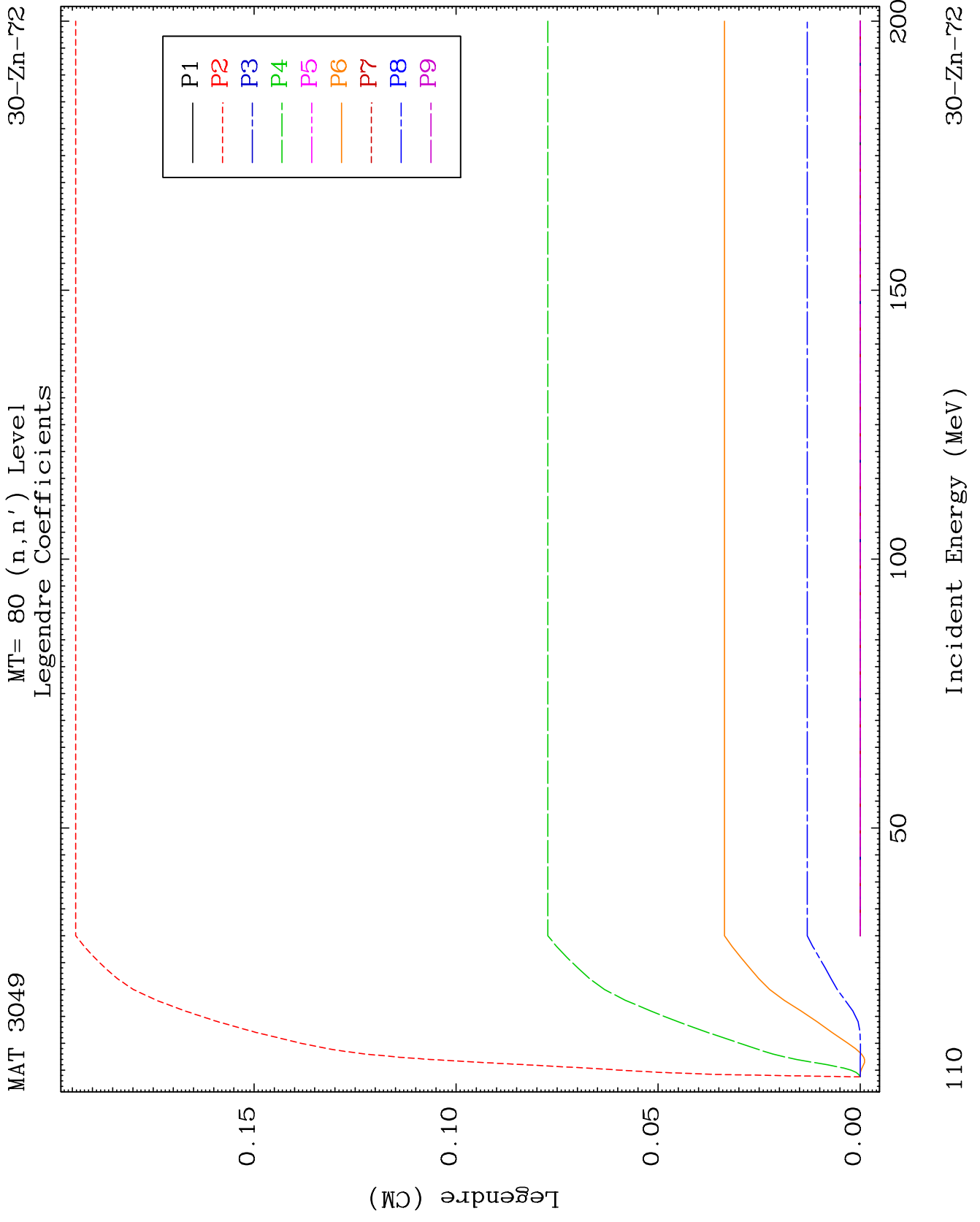








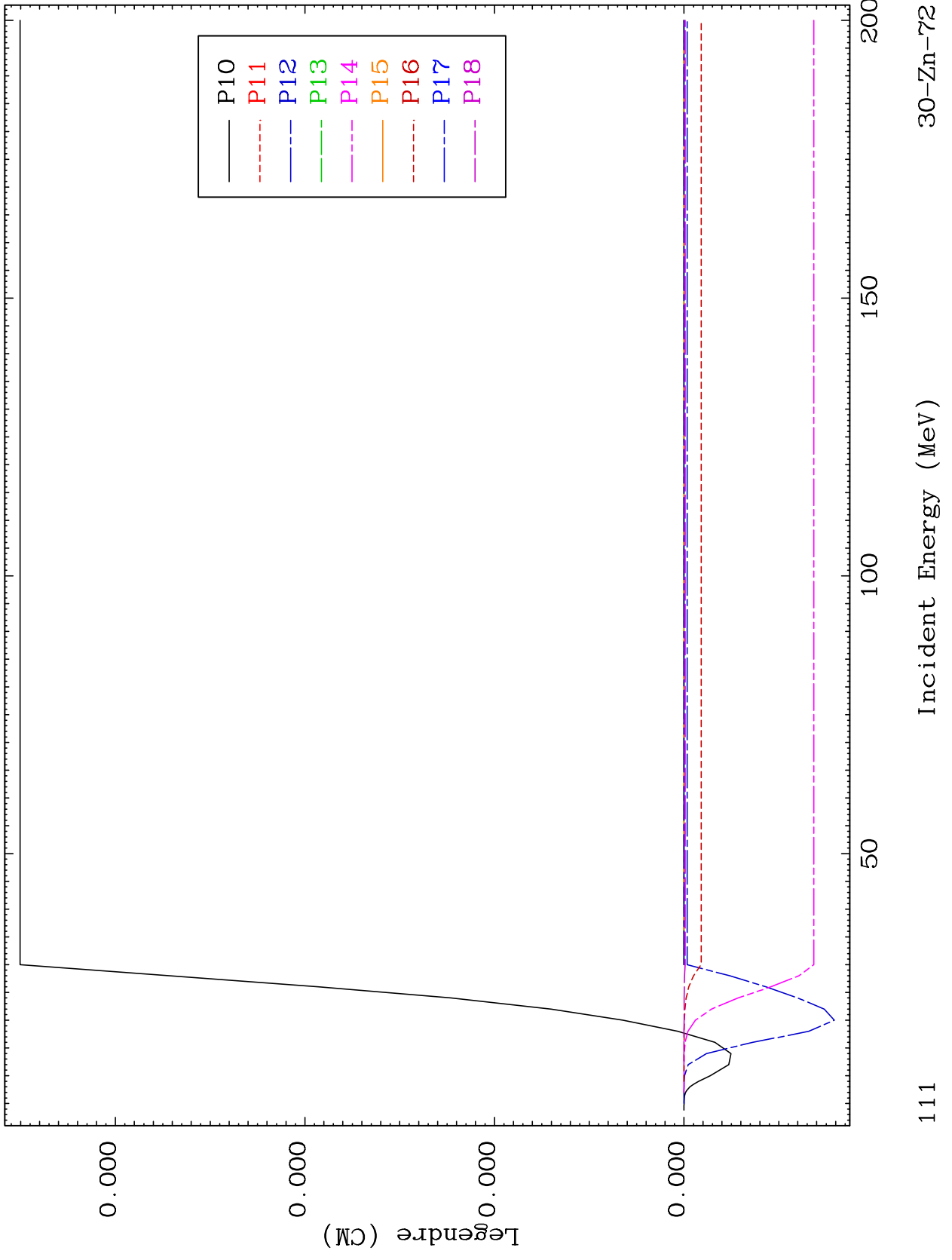


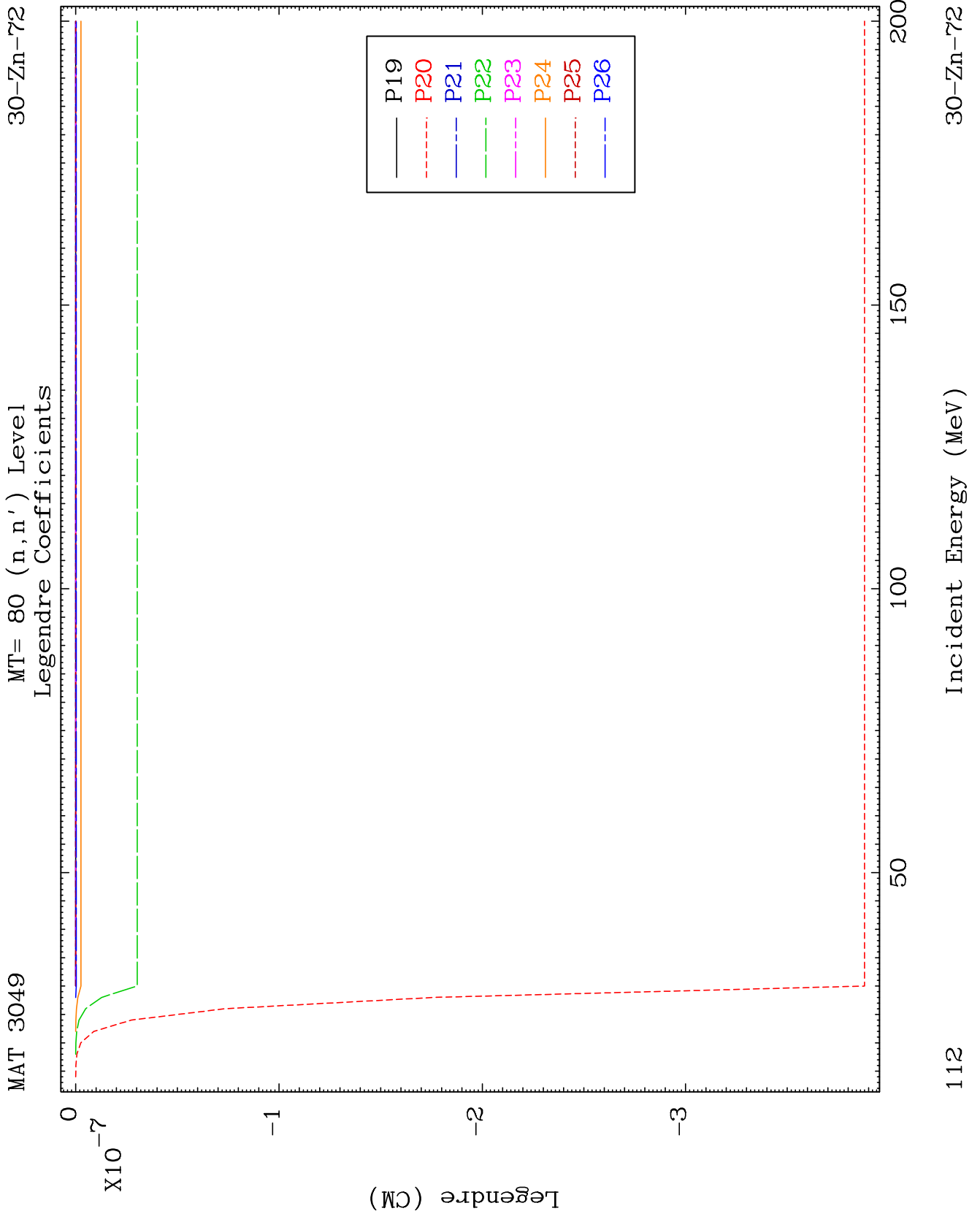


MAT 3049

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

30-Zn-72

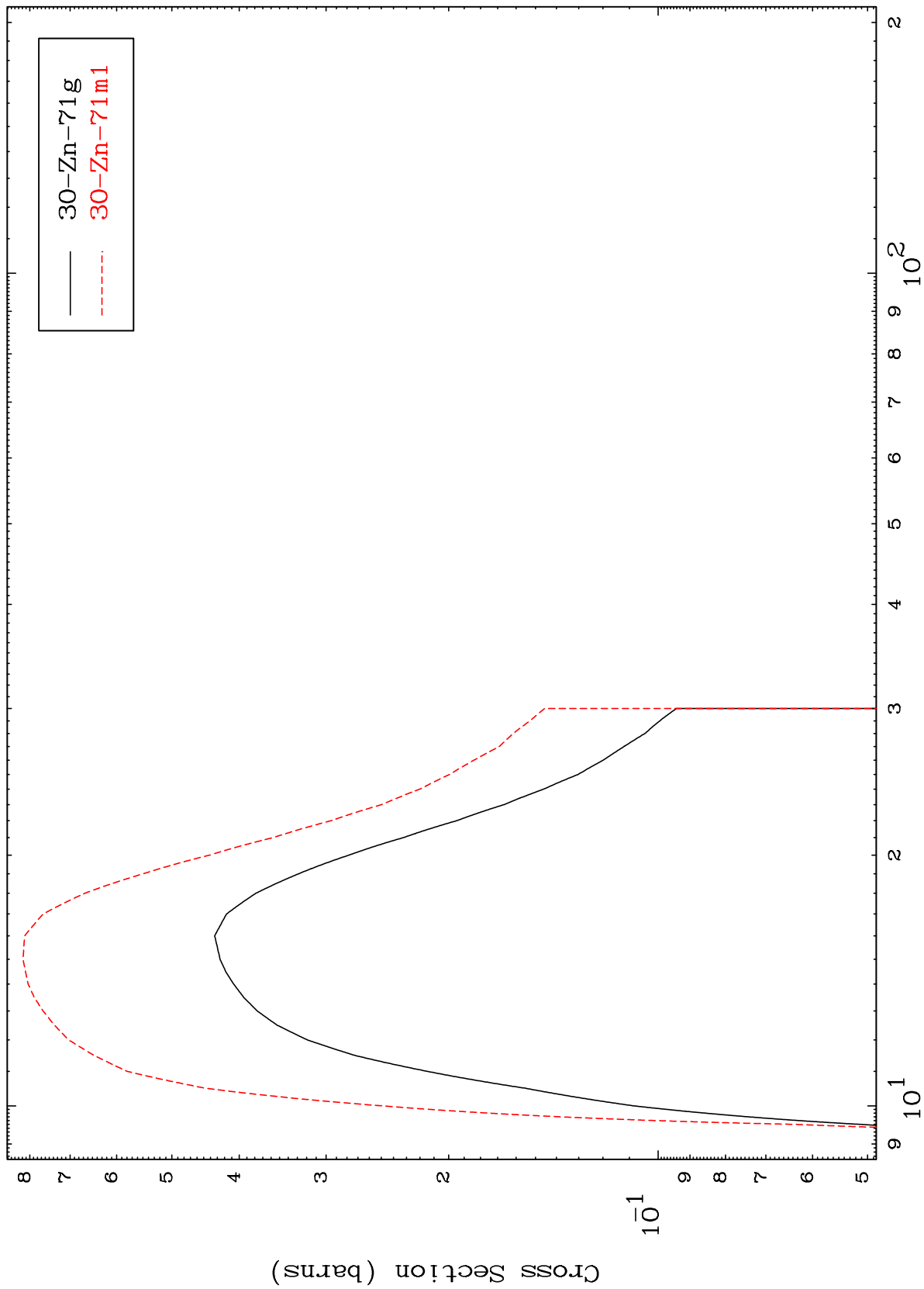




MAT 3049

30-Zn-72

(n,2n)  
Radionuclide Production Cross Section



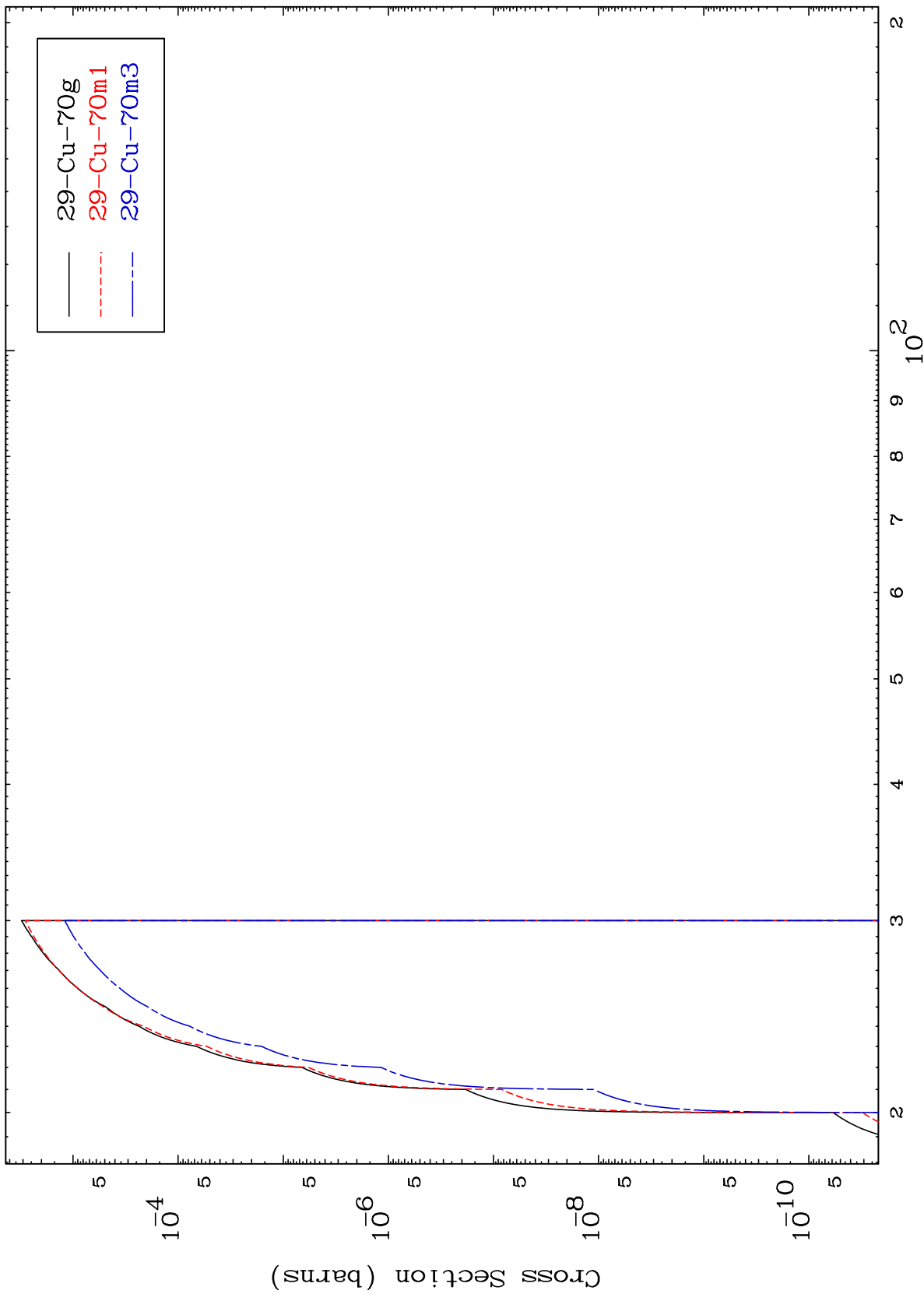
30-Zn-71g  
30-Zn-71m1

113

Incident Energy (MeV)

30-Zn-72

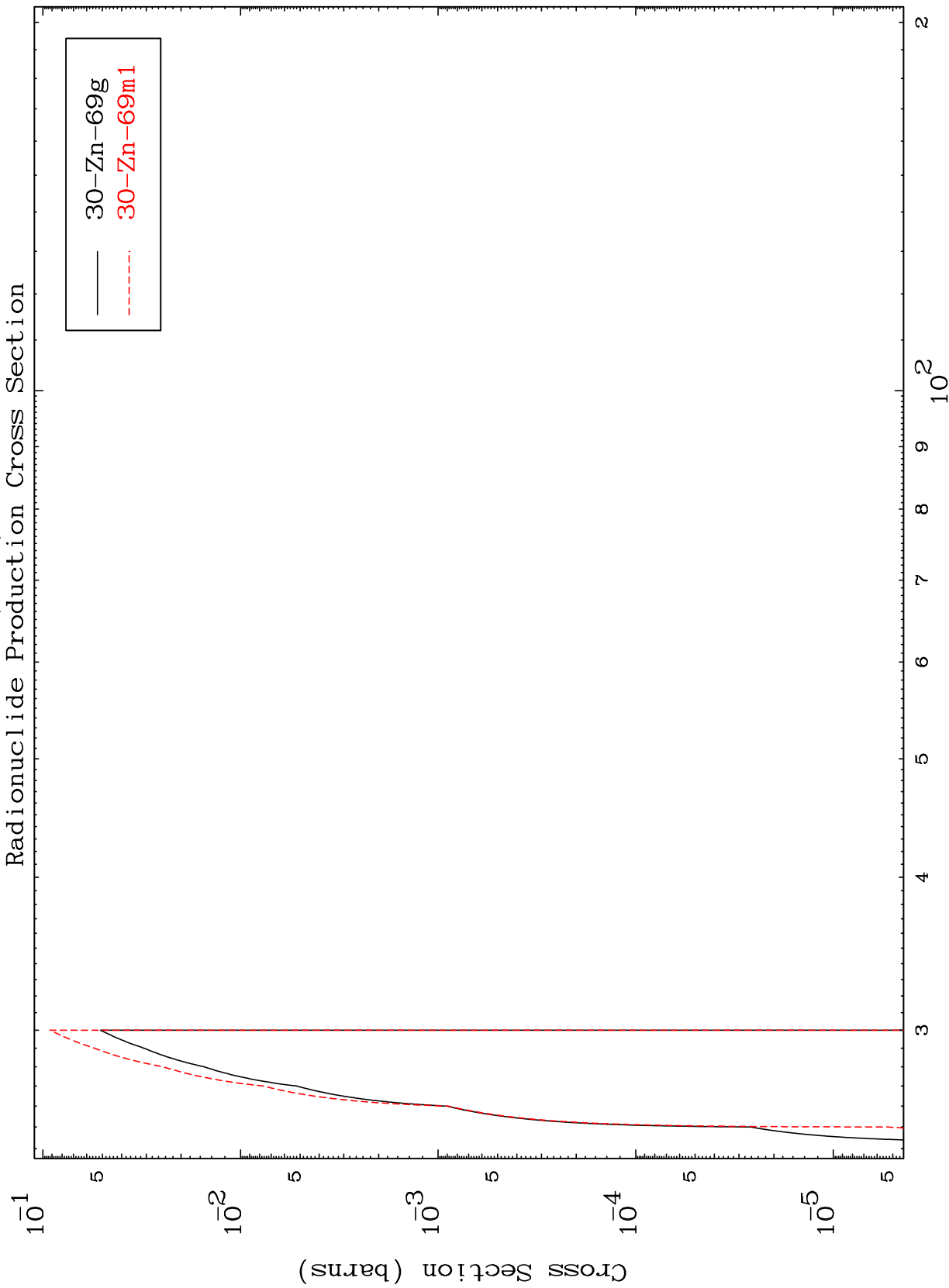
Radionuclide Production Cross Section



MAT 3049

30-Zn-72

(n,4n)  
Radionuclide Production Cross Section

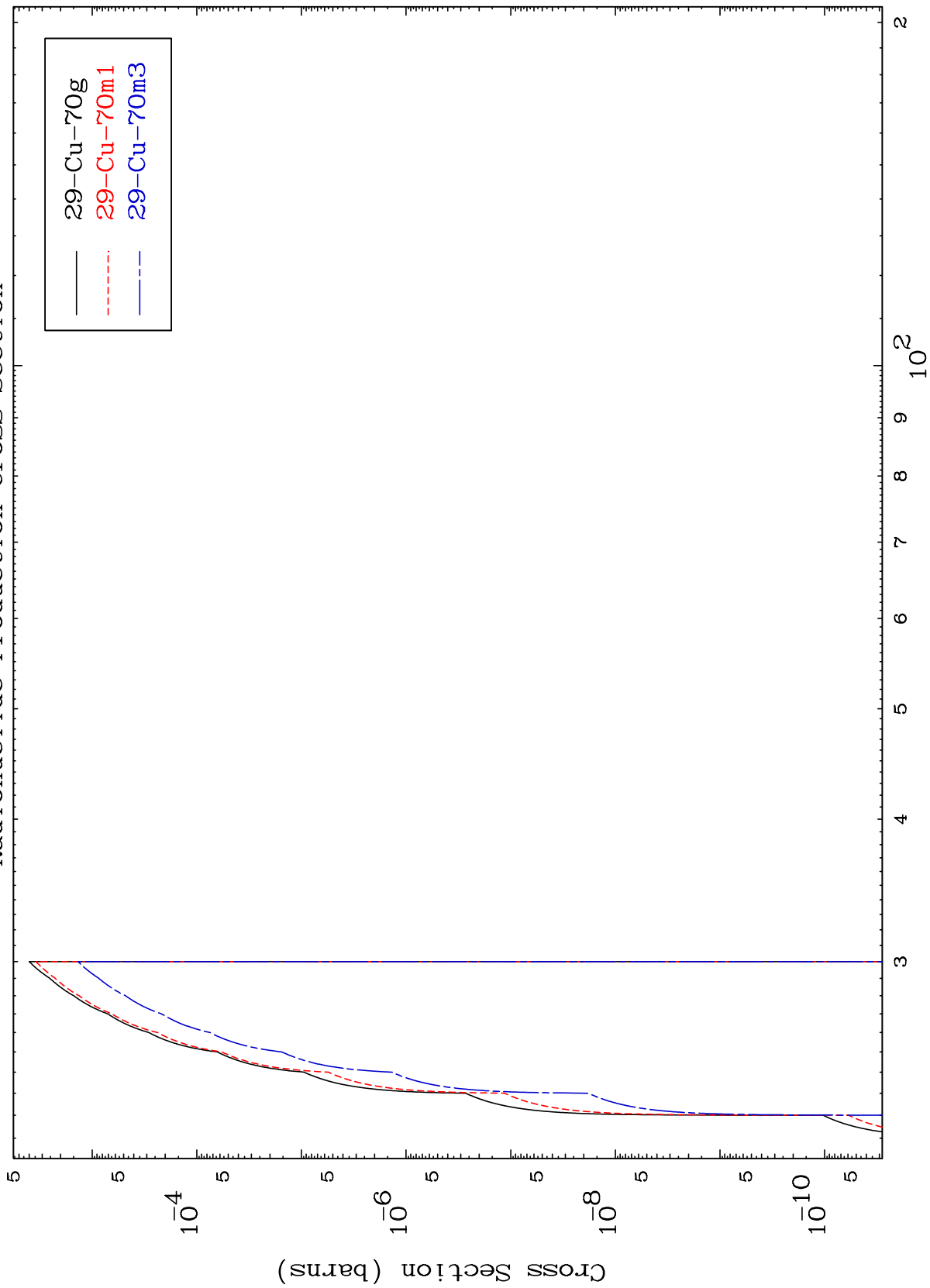


115

30-Zn-72

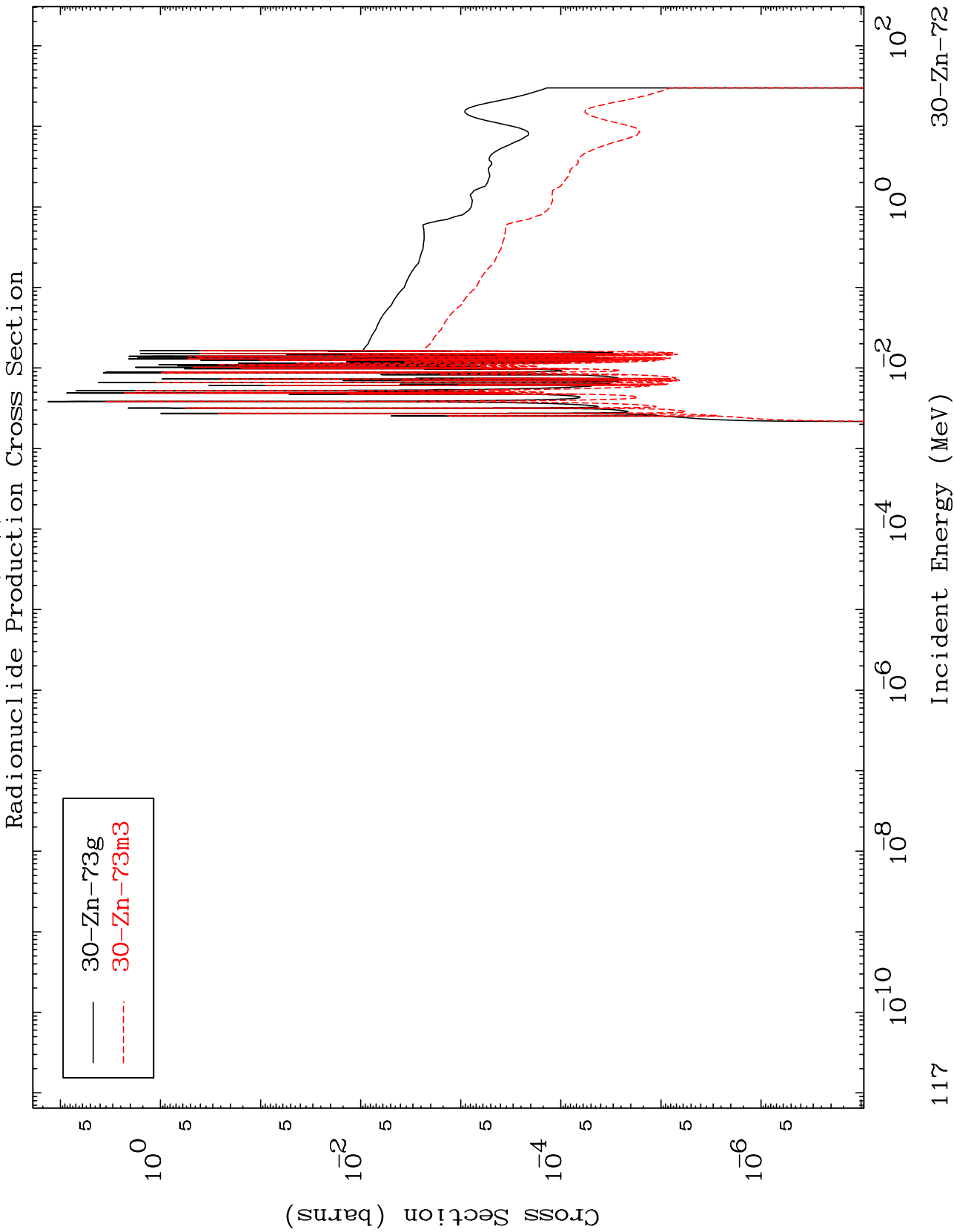
Incident Energy (MeV)

Radionuclide Production Cross Section

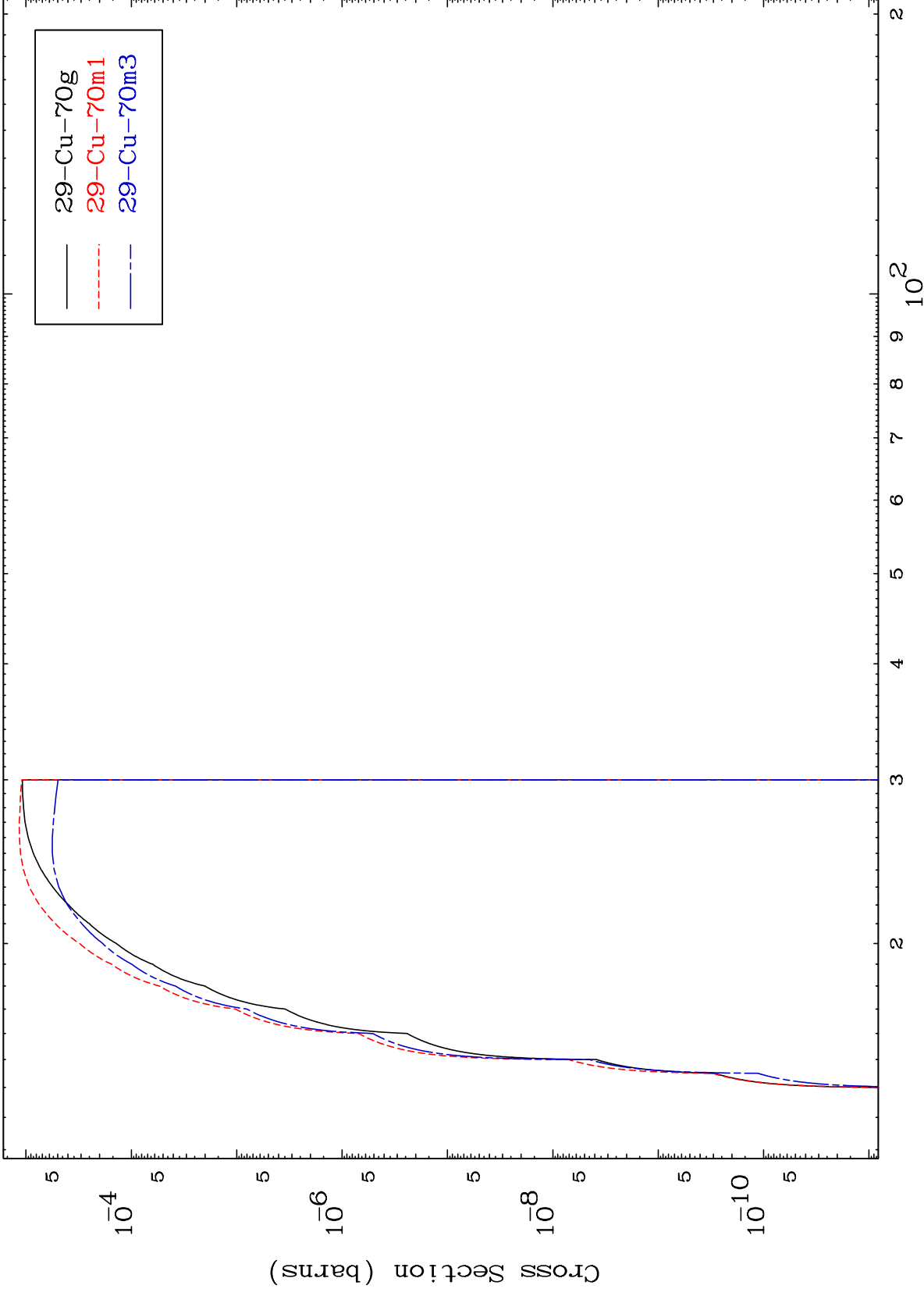


MAT 3049

30-Zn-72



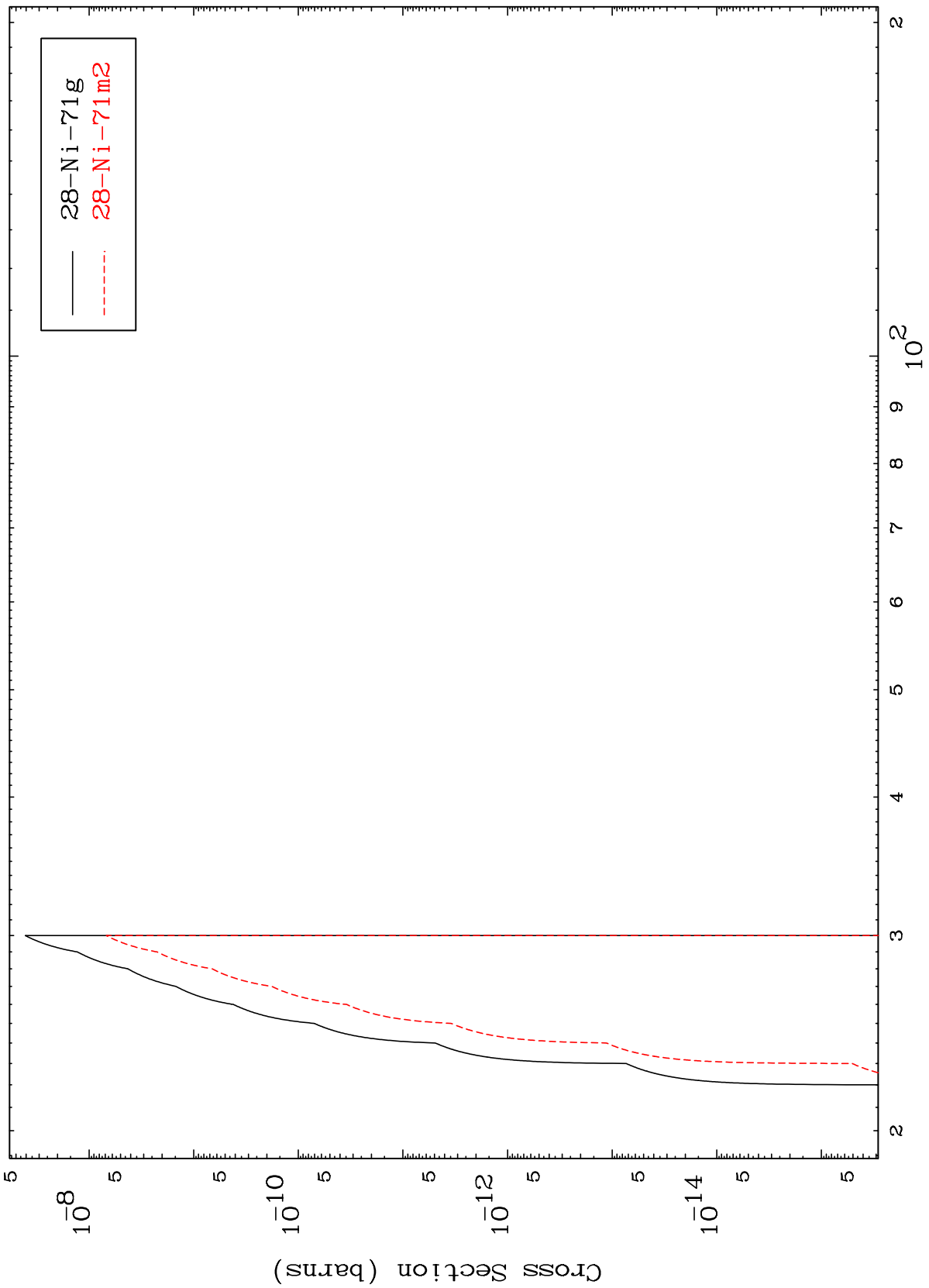
Radionuclide Production Cross Section



MAT 3049

30-Zn-72

(n,2p)  
Radionuclide Production Cross Section



28-Ni-71g  
28-Ni-71m2

119

Incident Energy (MeV)

30-Zn-72