

Program EVALPLOT
(Version 2021-1)

by

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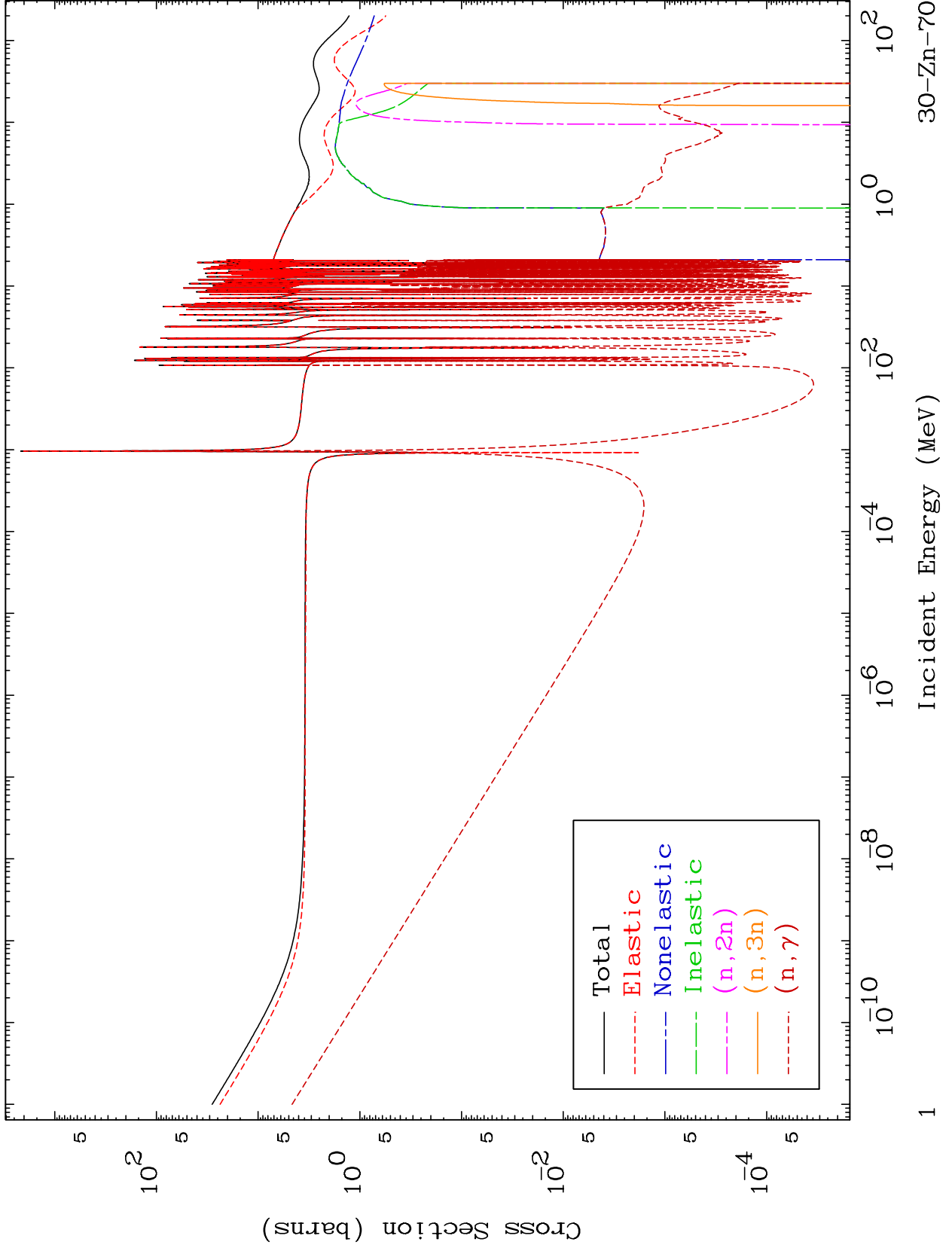
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3043

Neutron Major
293 Kelvin Cross Sections

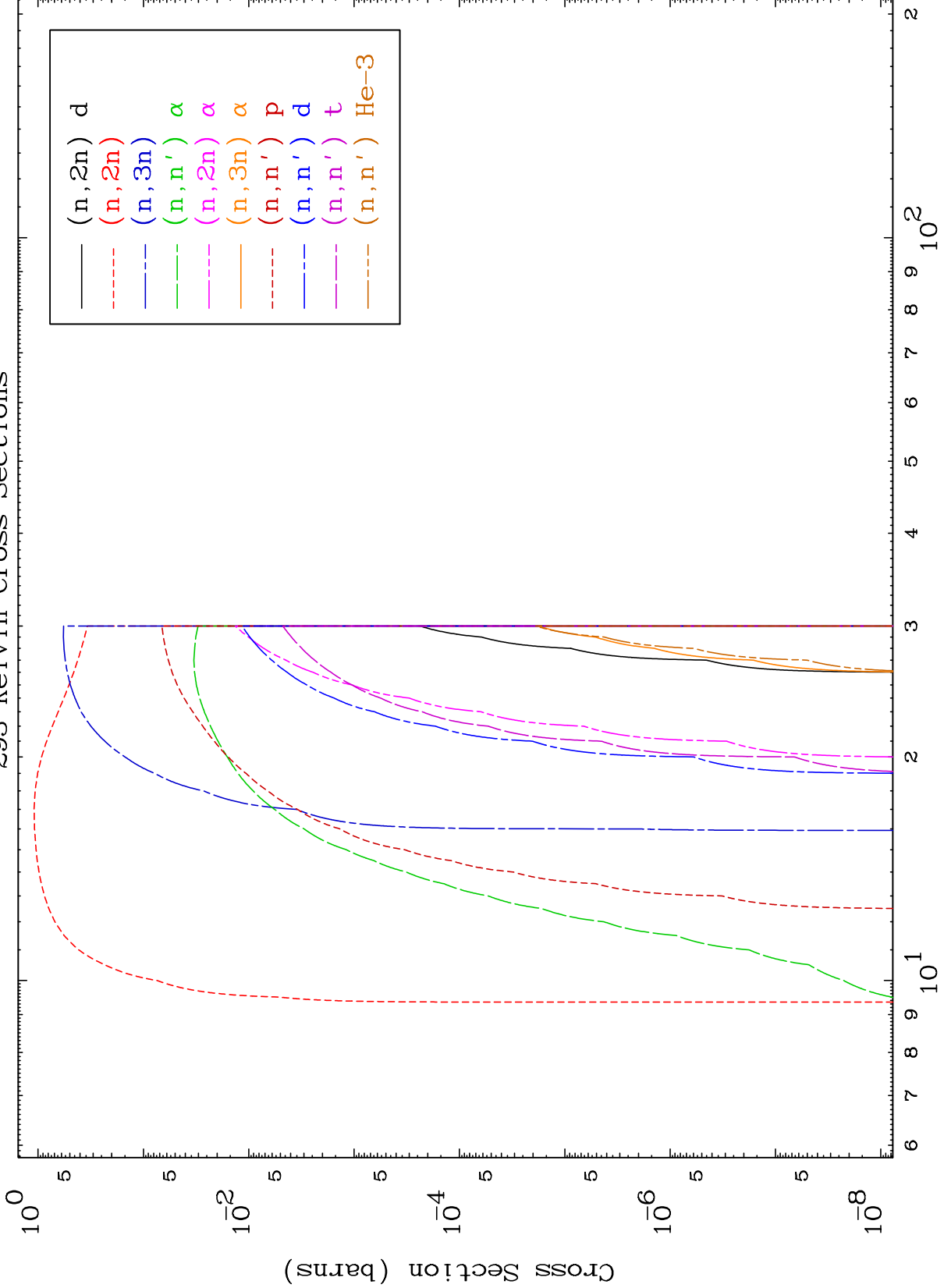
30-Zn-70



MAT 3043

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-70



2

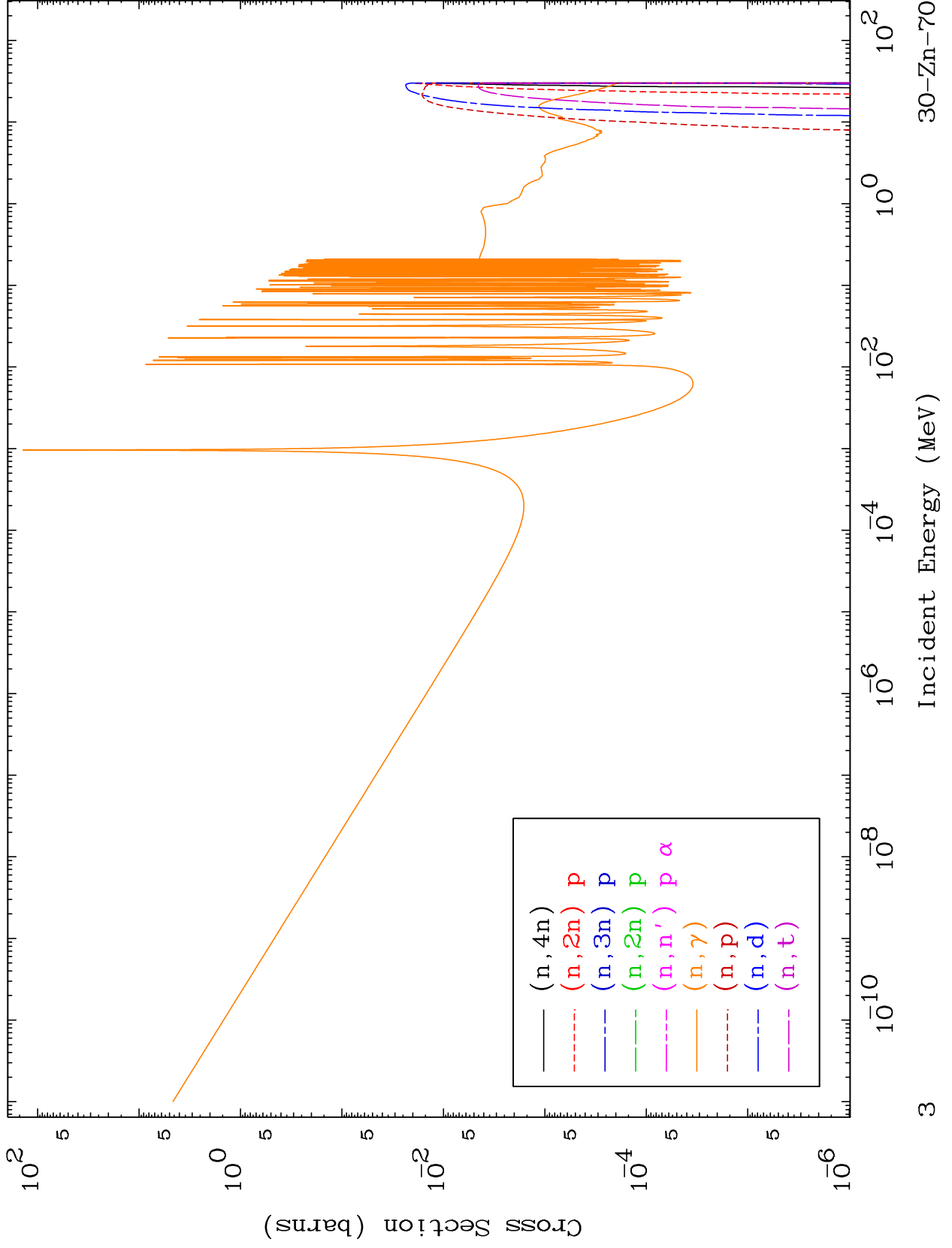
Incident Energy (MeV)

30-Zn-70

MAT 3043

Neutron Absorption
293 Kelvin Cross Sections

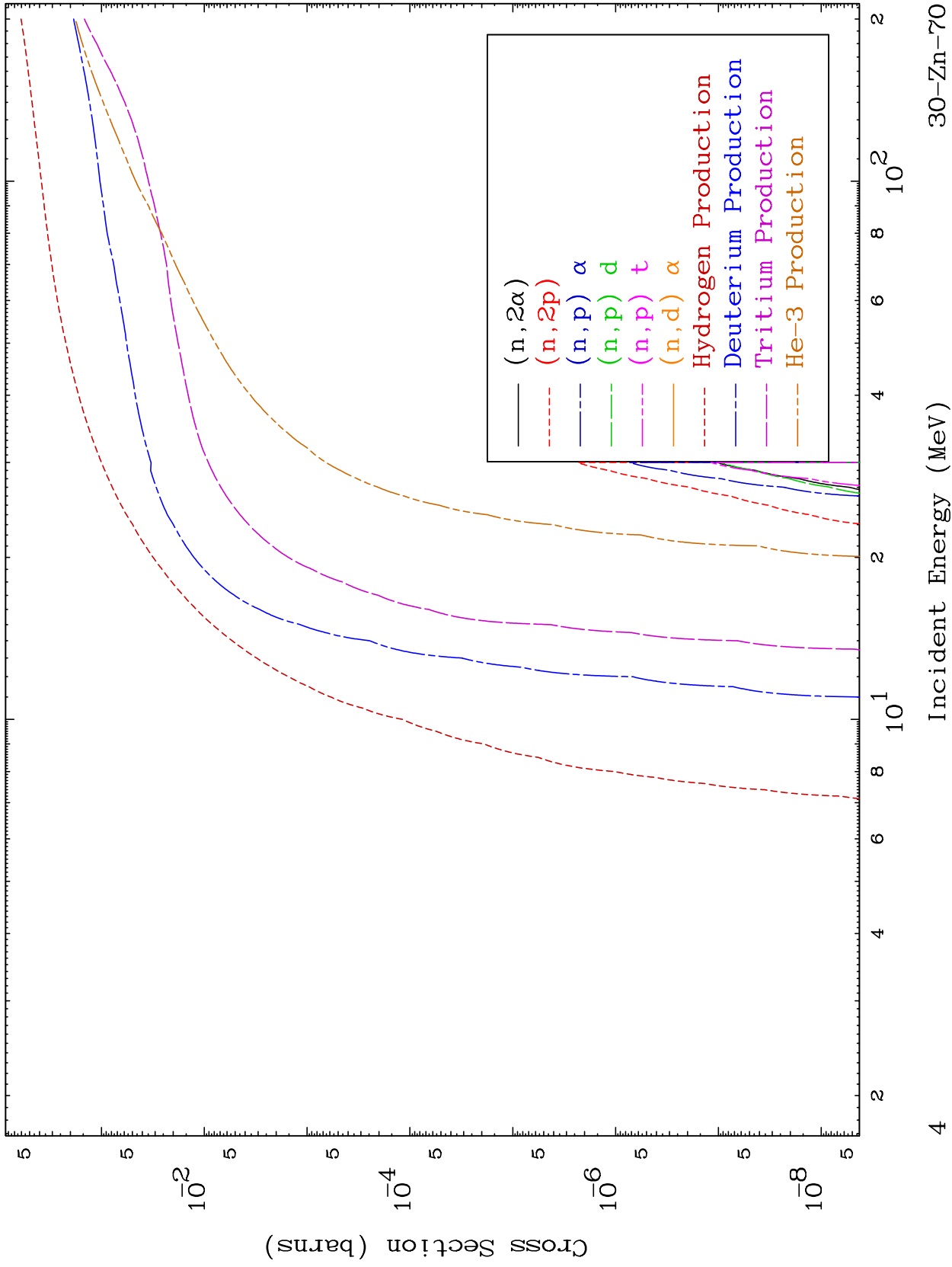
30-Zn-70



MAT 3043

Neutron Absorption
293 Kelvin Cross Sections

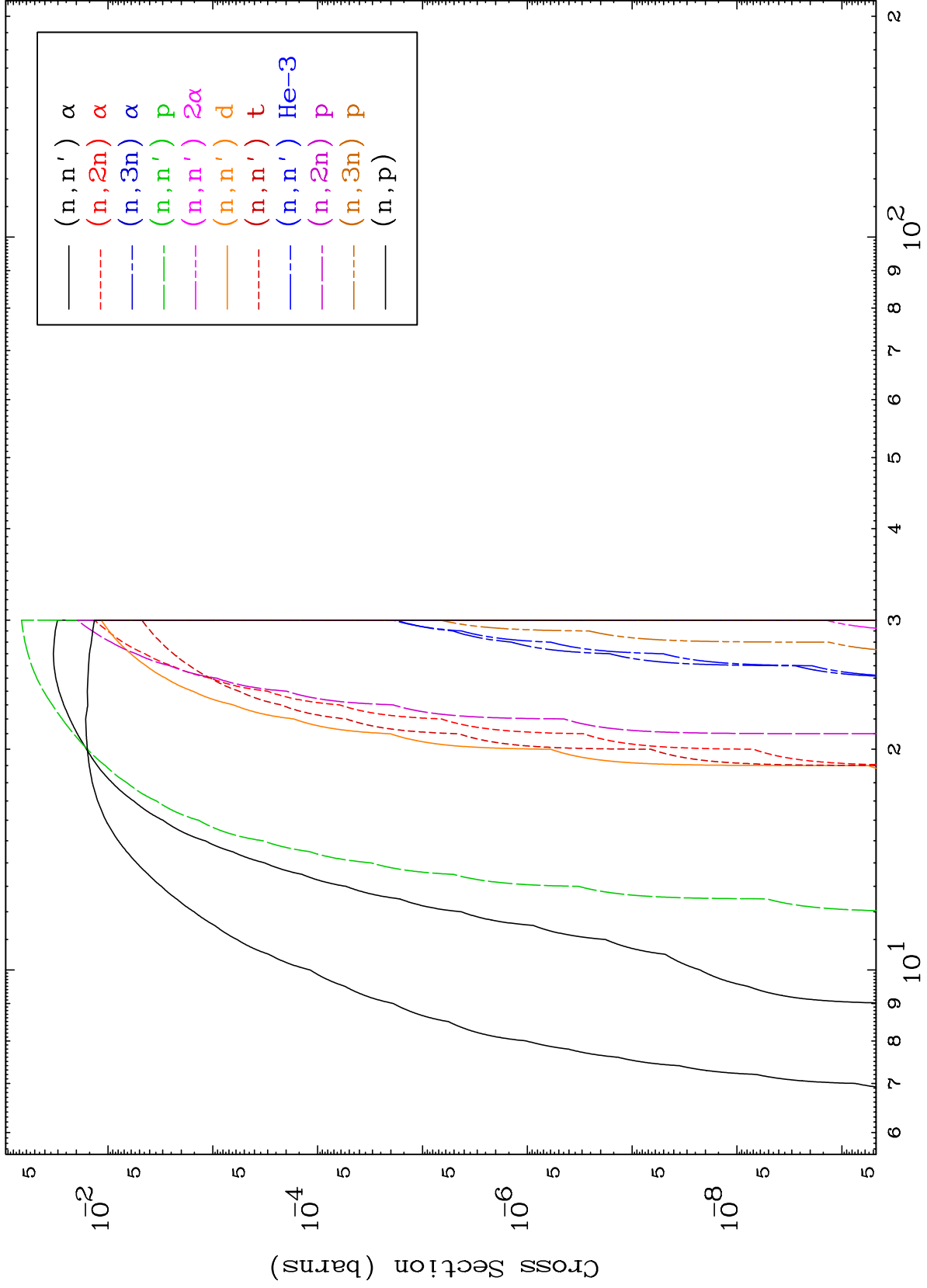
30-Zn-70



MAT 3043

Charged Particle
293 Kelvin Cross Sections

30-Zn-70



5

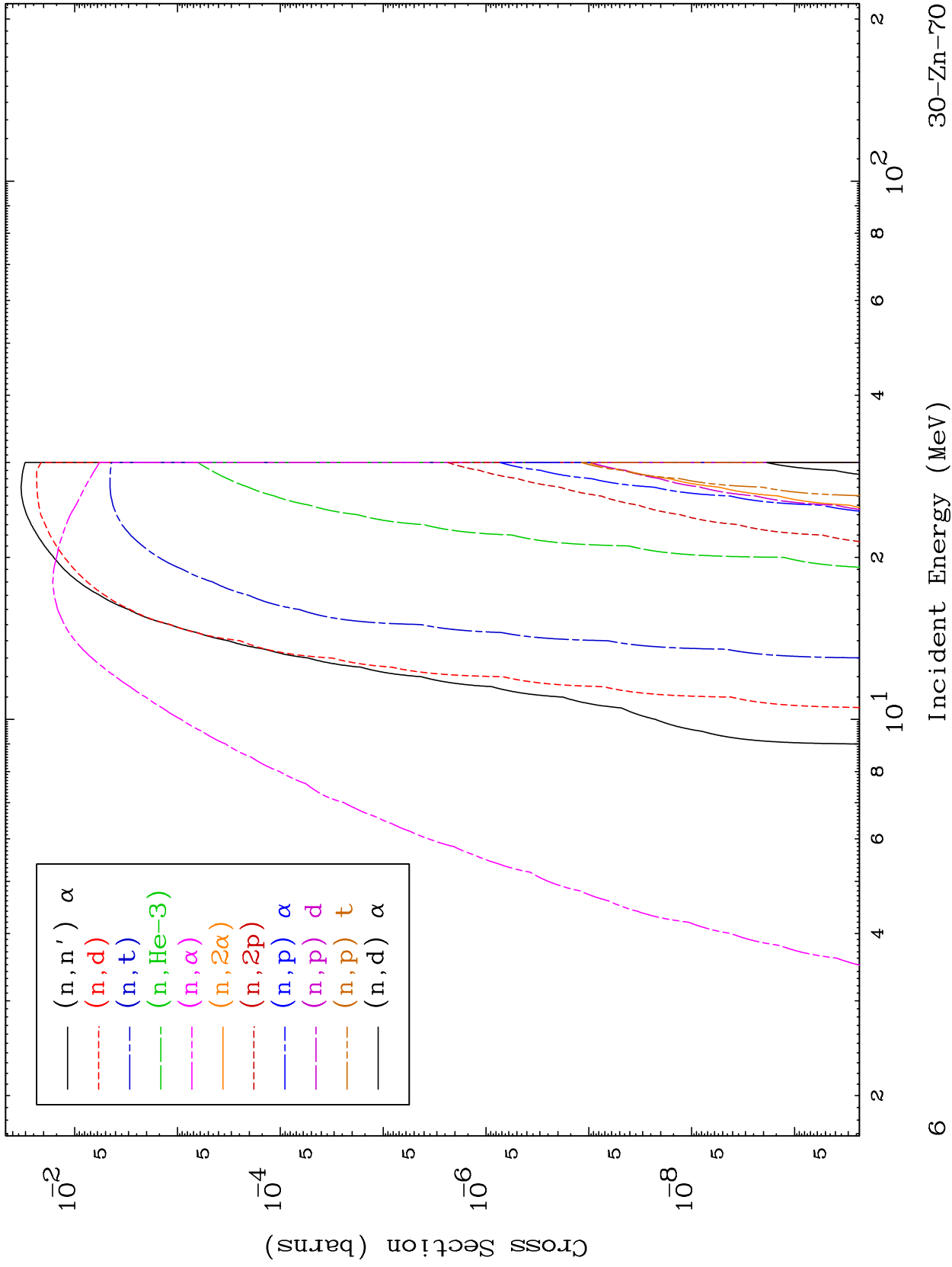
Incident Energy (MeV)

30-Zn-70

MAT 3043

Charged Particle
293 Kelvin Cross Sections

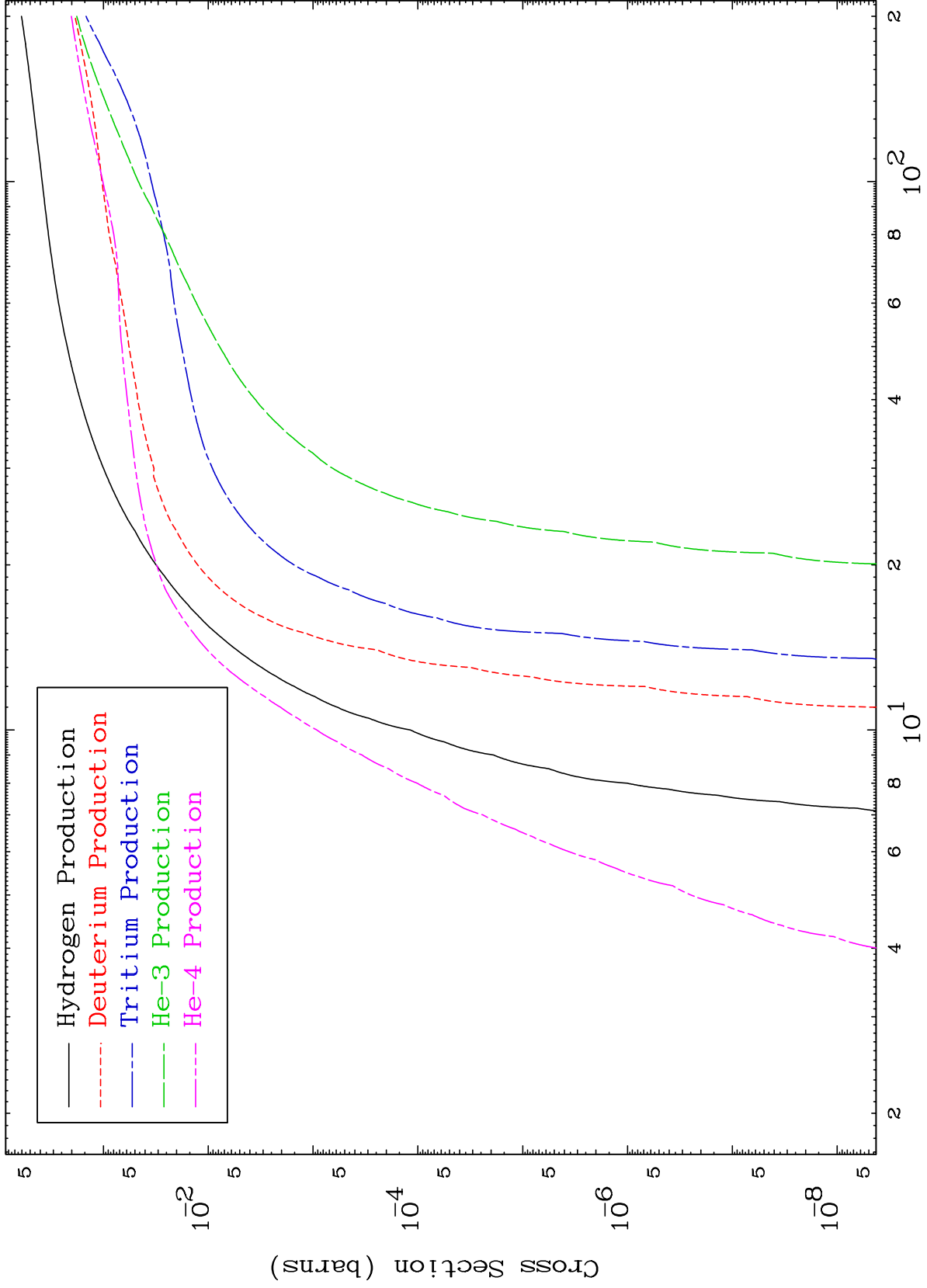
30-Zn-70



MAT 3043

Particle Production
293 Kelvin Cross Sections

30-Zn-70

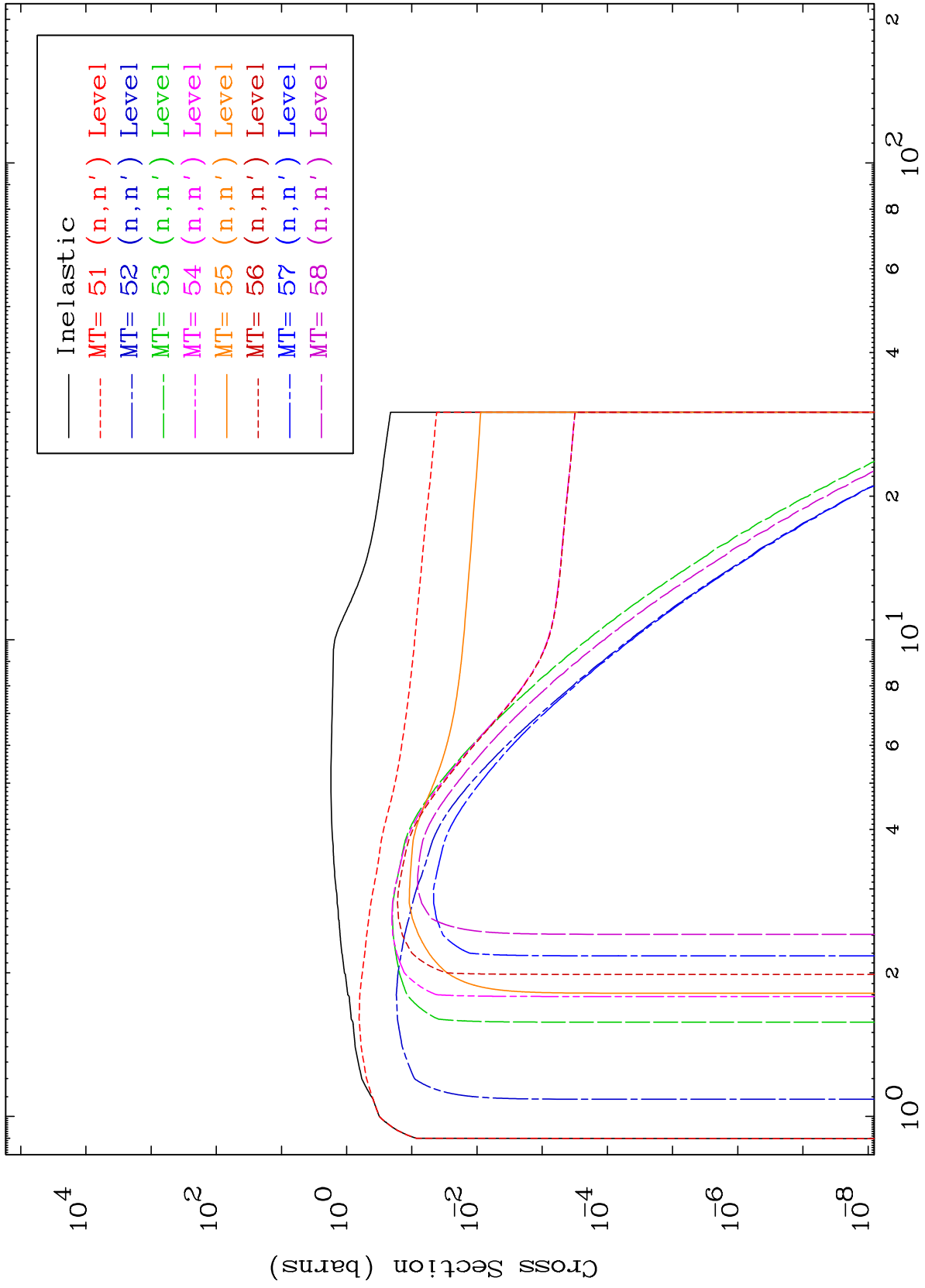


MAT 3043

(n,n') Levels

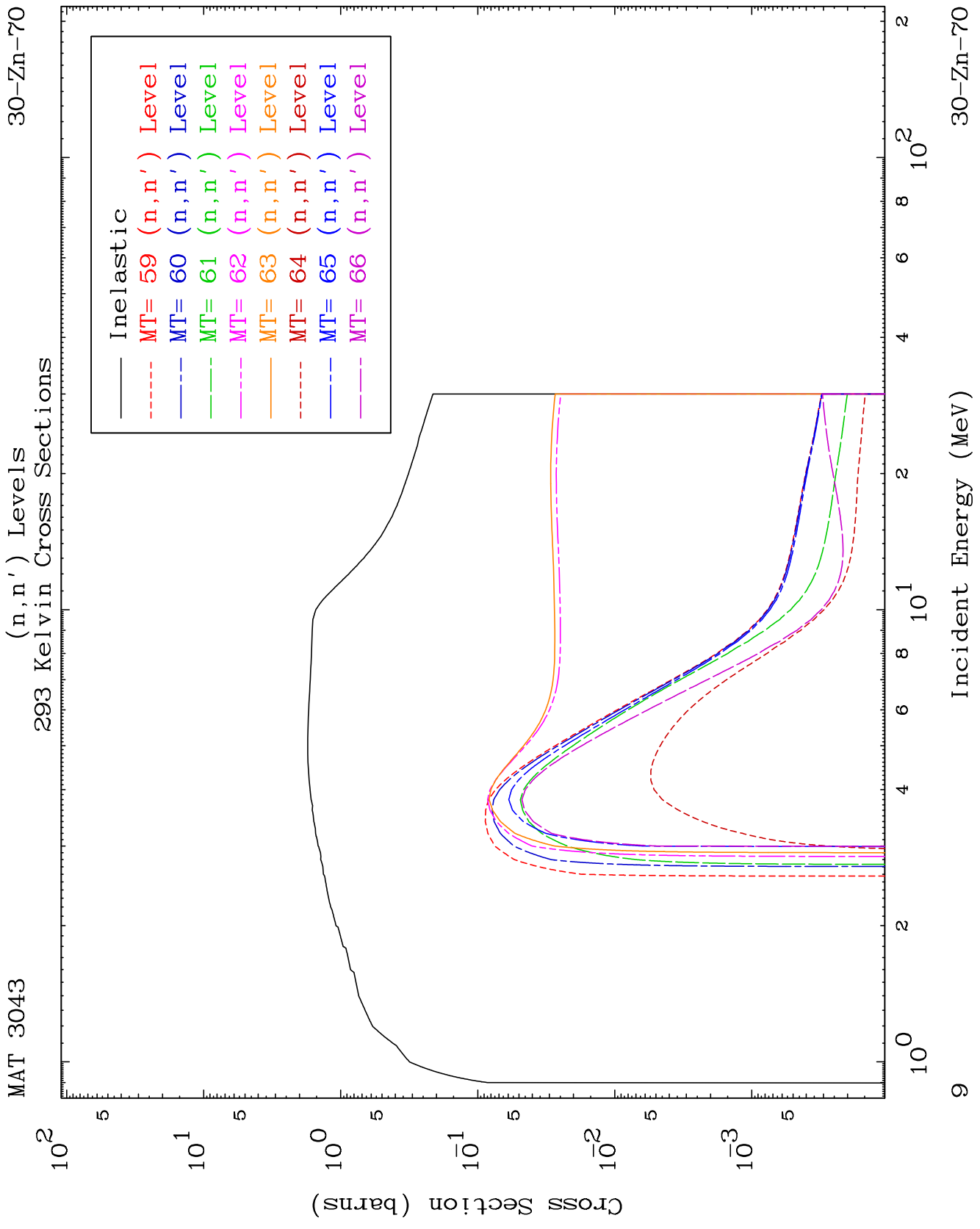
293 Kelvin Cross Sections

30-Zn-70



Incident Energy (MeV)

30-Zn-70

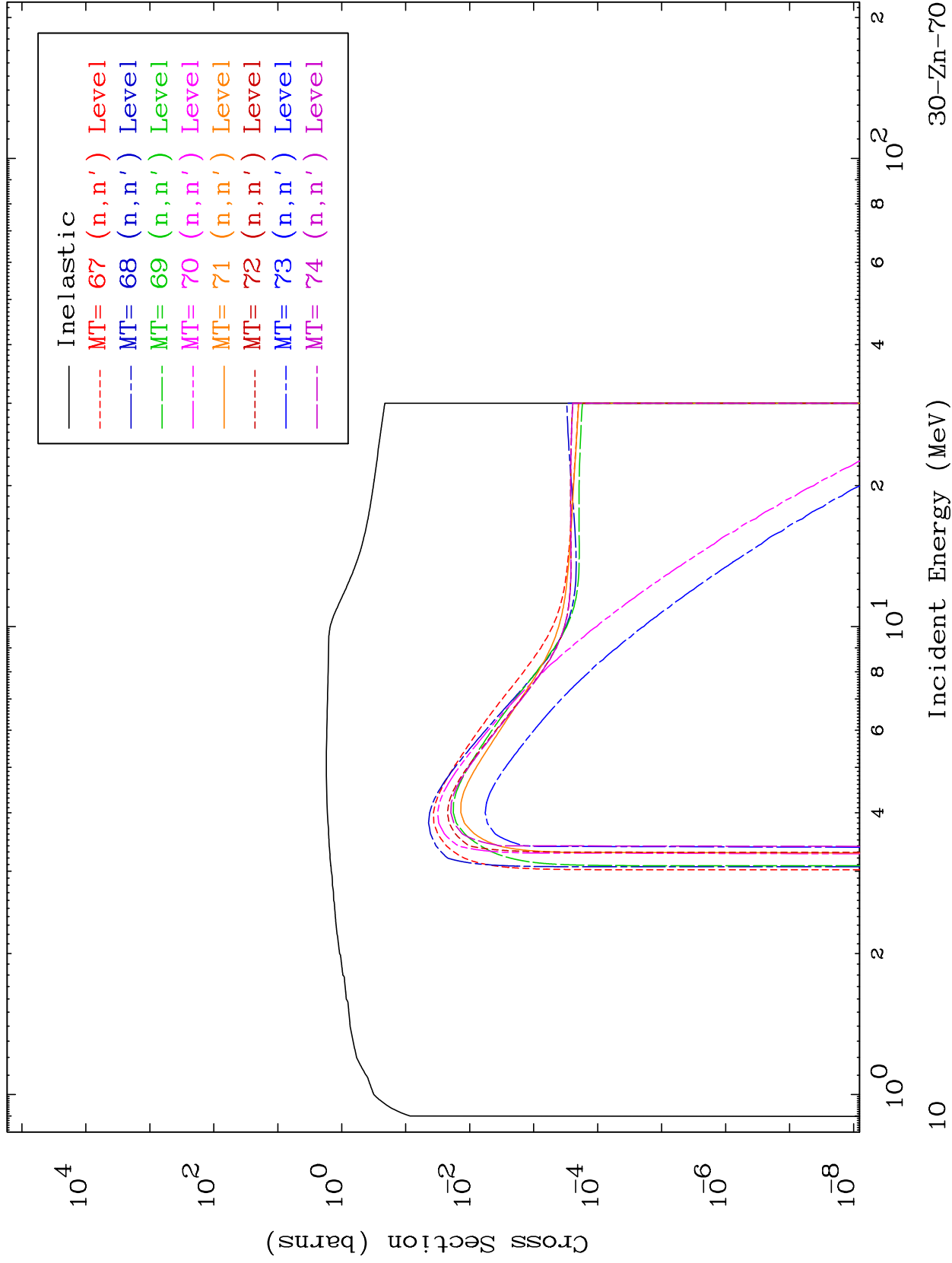


MAT 3043

(n,n') Levels

293 Kelvin Cross Sections

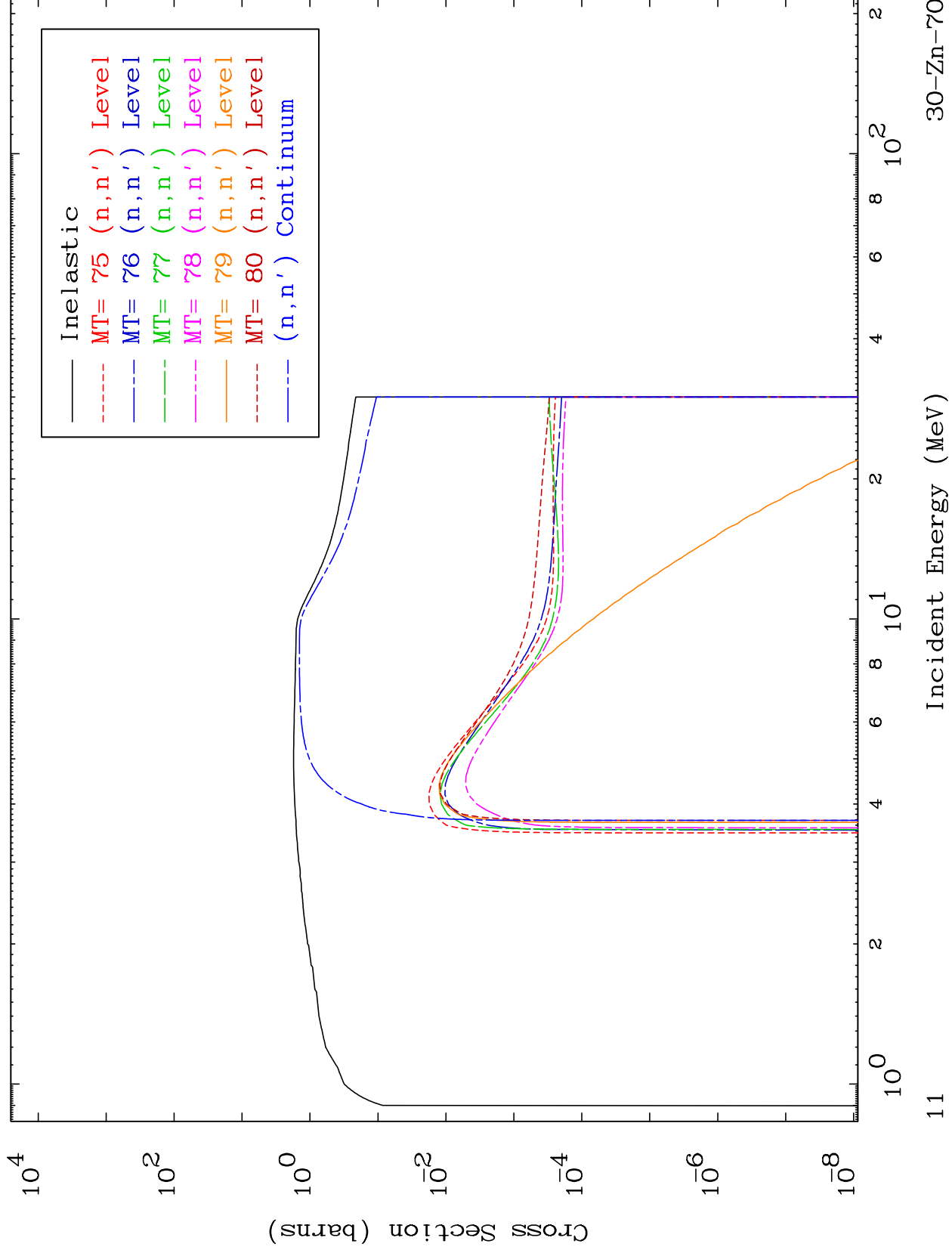
30-Zn-70



MAT 3043

(n,n') Levels
293 Kelvin Cross Sections

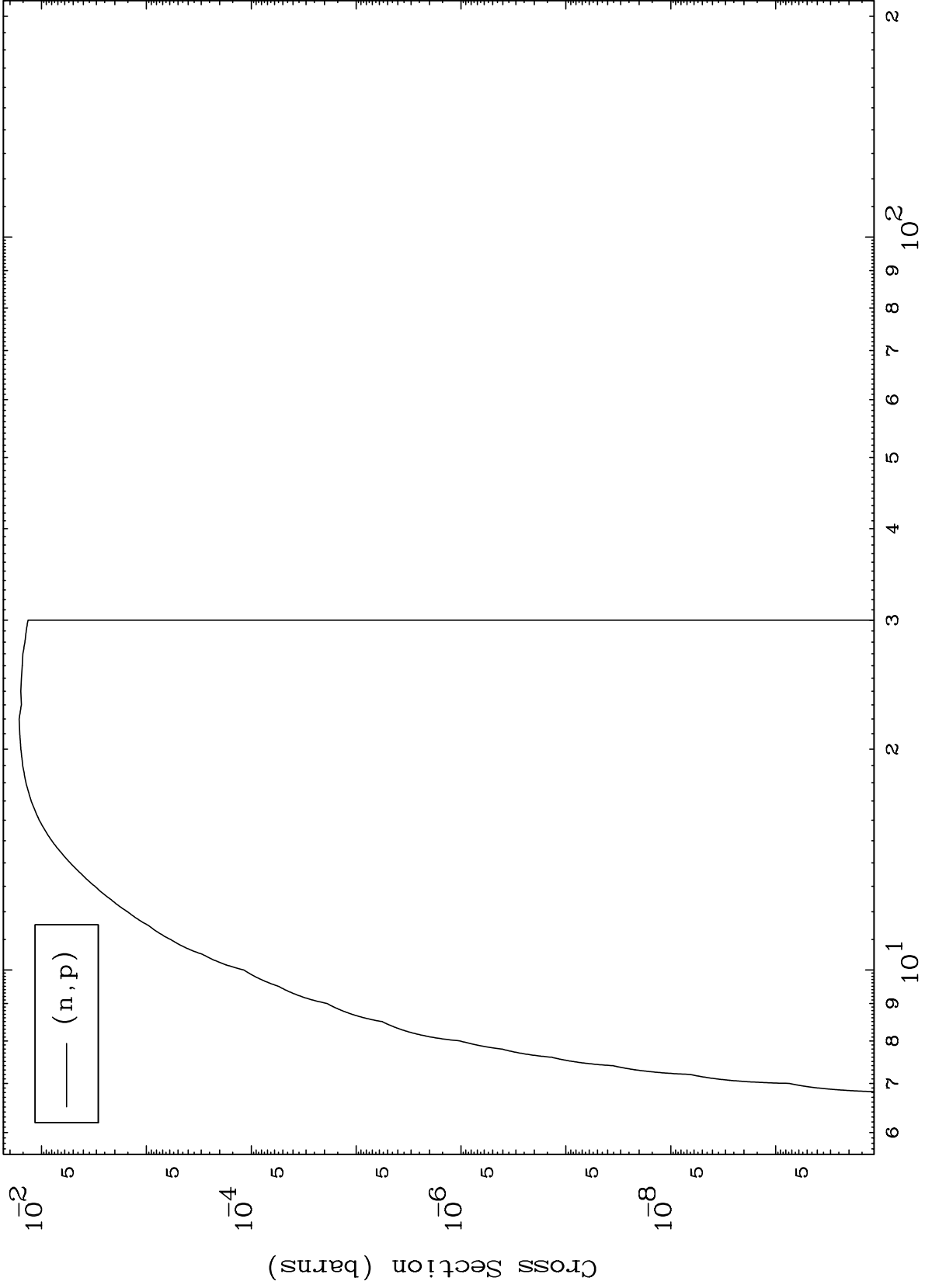
30-Zn-70



MAT 3043

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-70



12

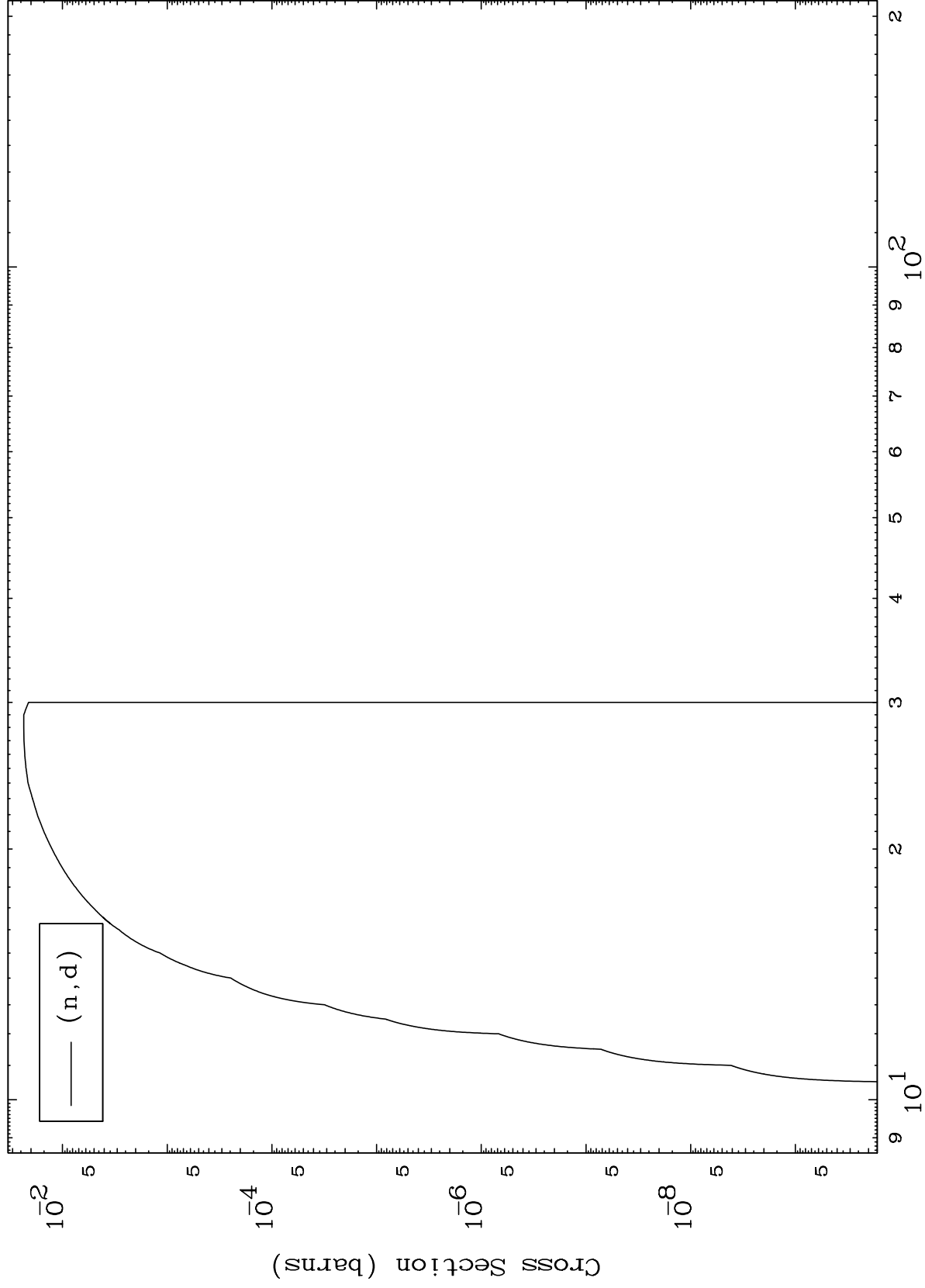
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-70



13

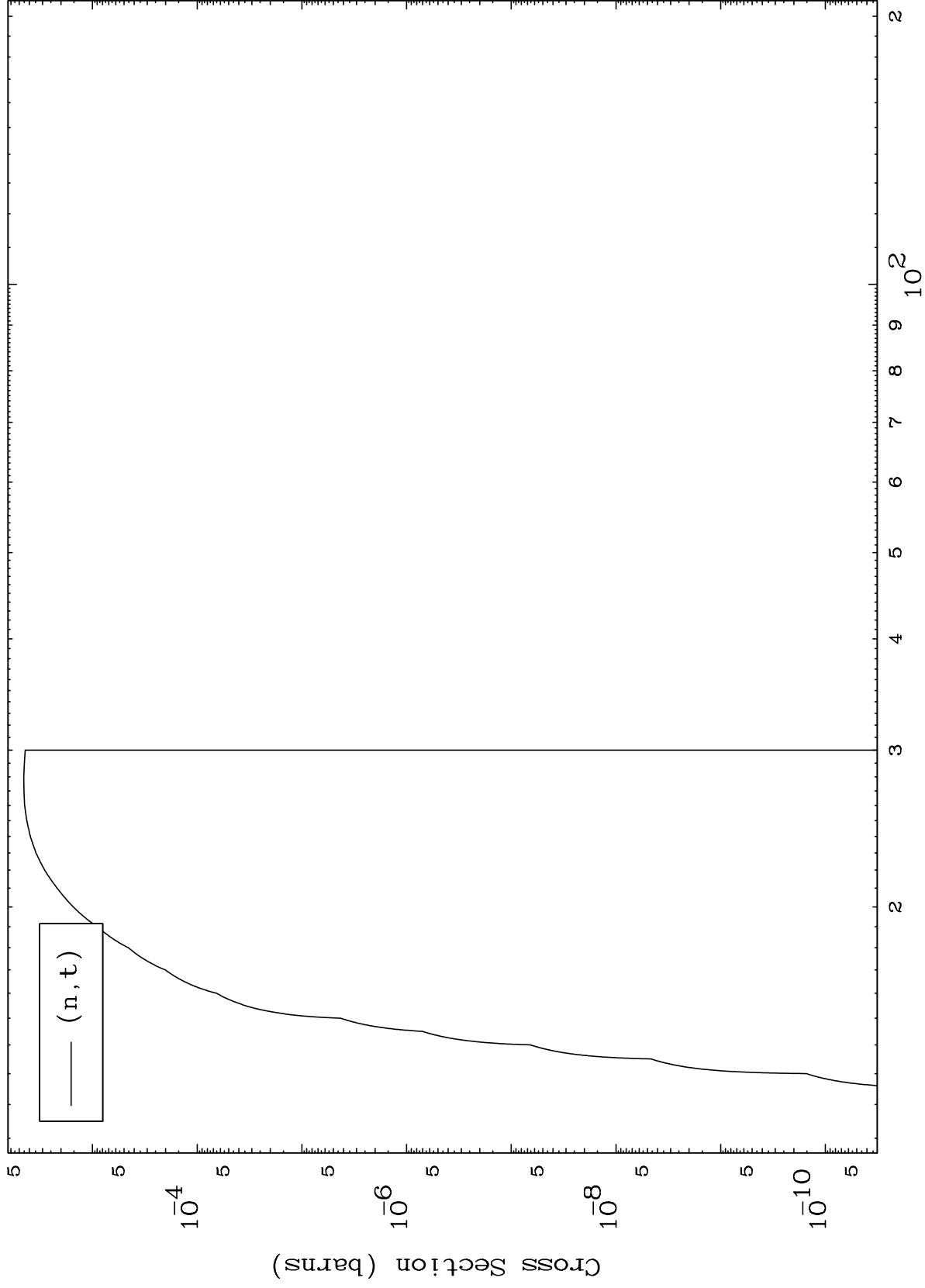
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-70



14

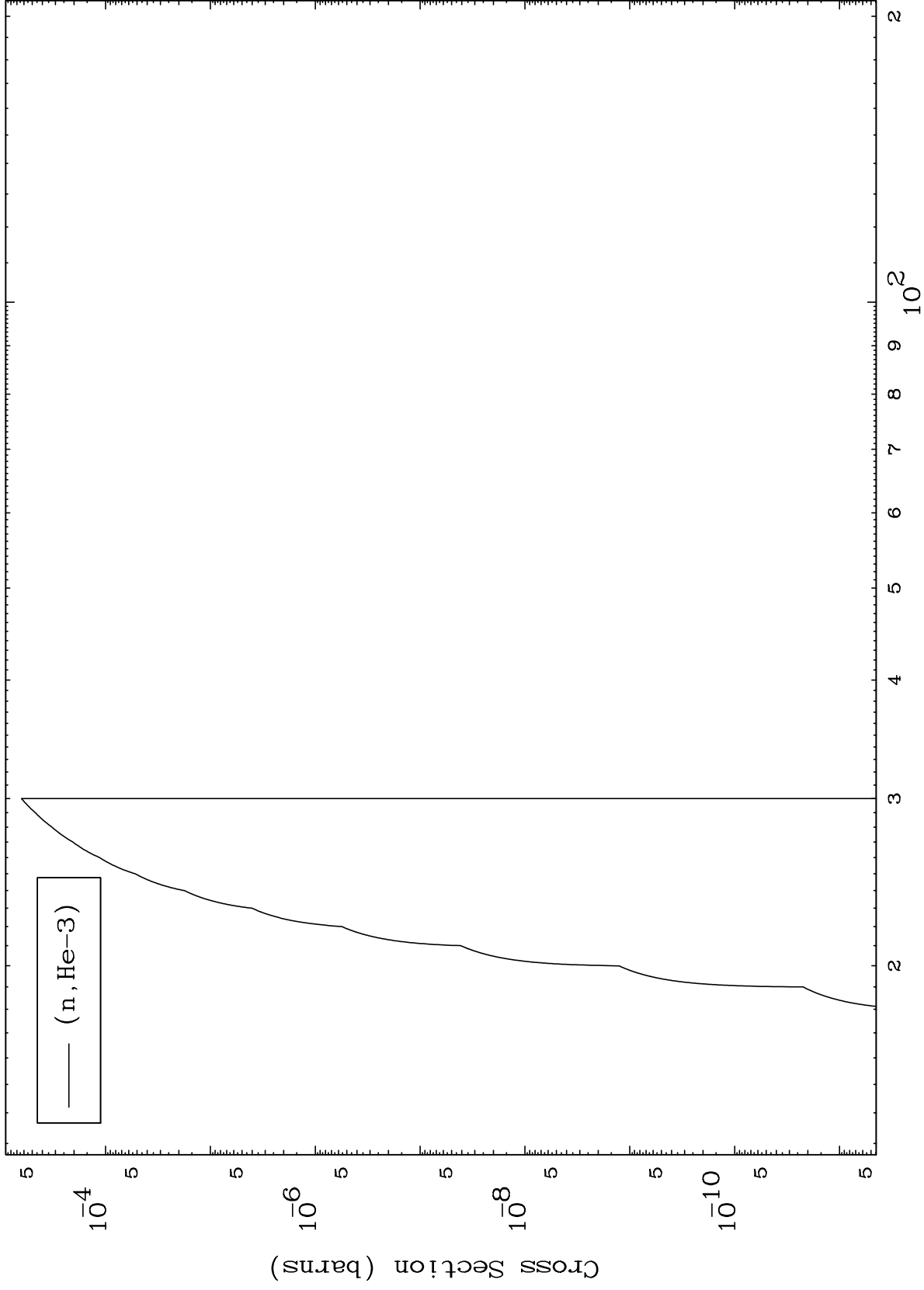
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-70



15

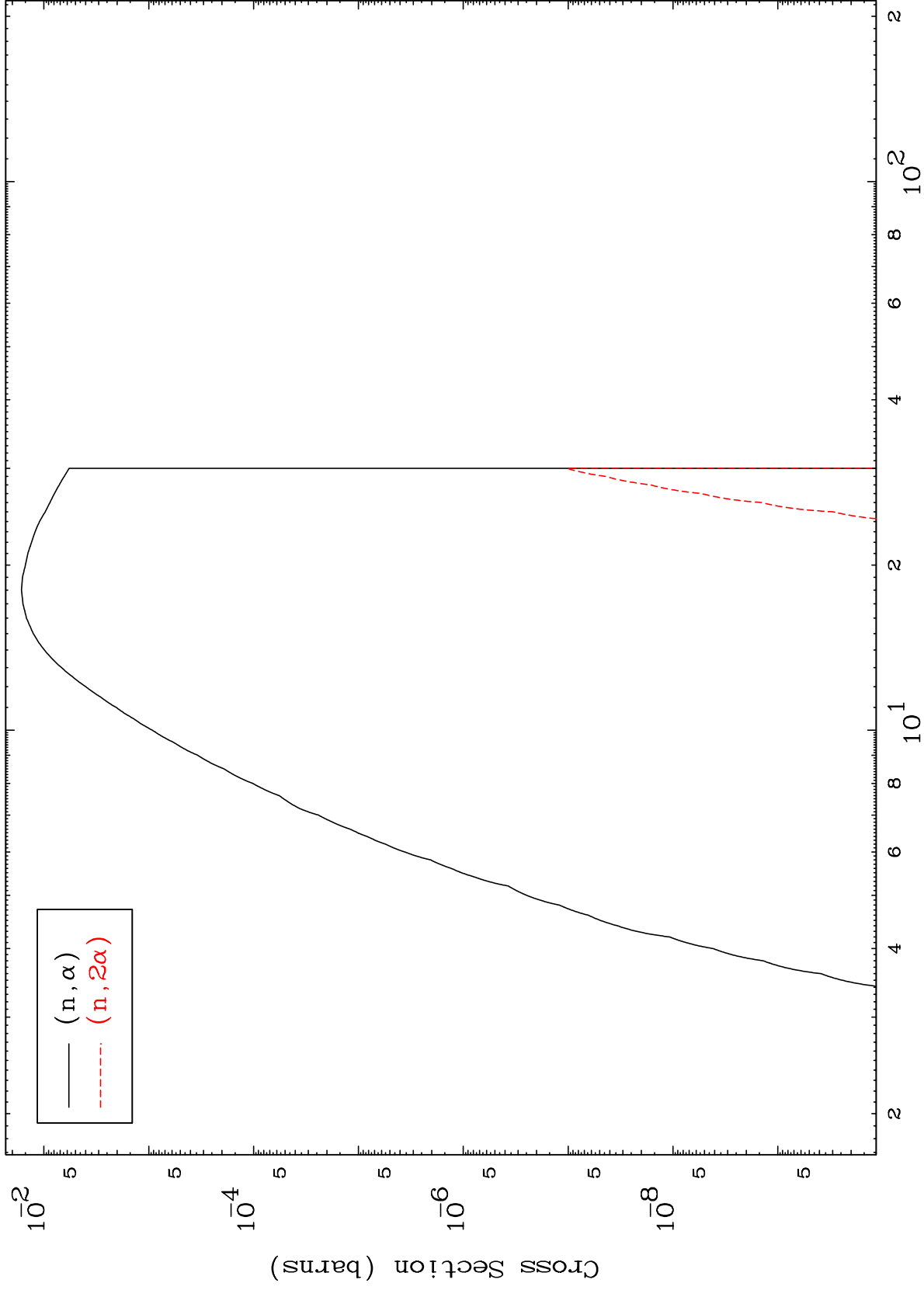
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-70



16

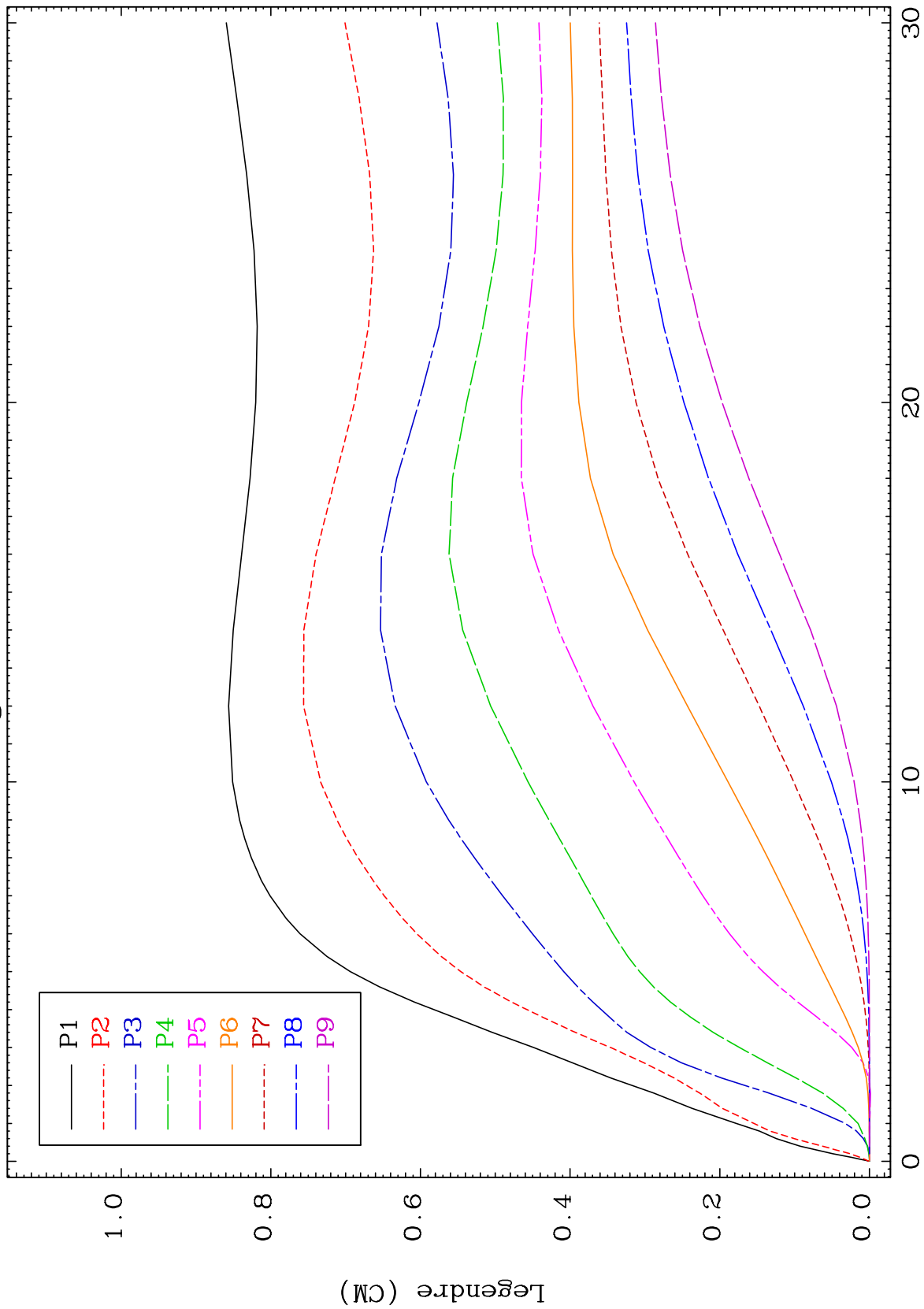
Incident Energy (MeV)

30-Zn-70

MAT 3043

Elastic Legendre Coefficients

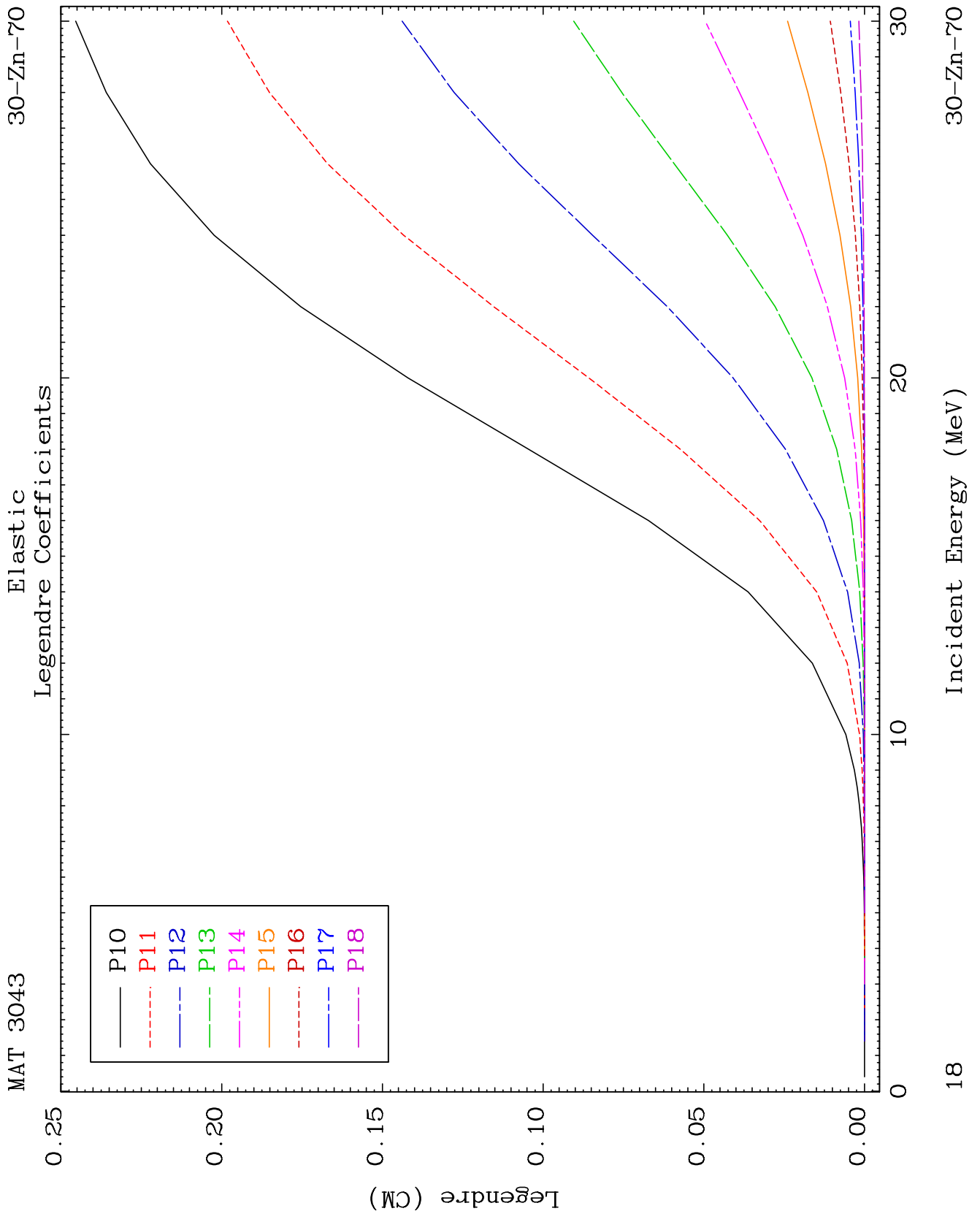
30-Zn-70



17

Incident Energy (MeV)

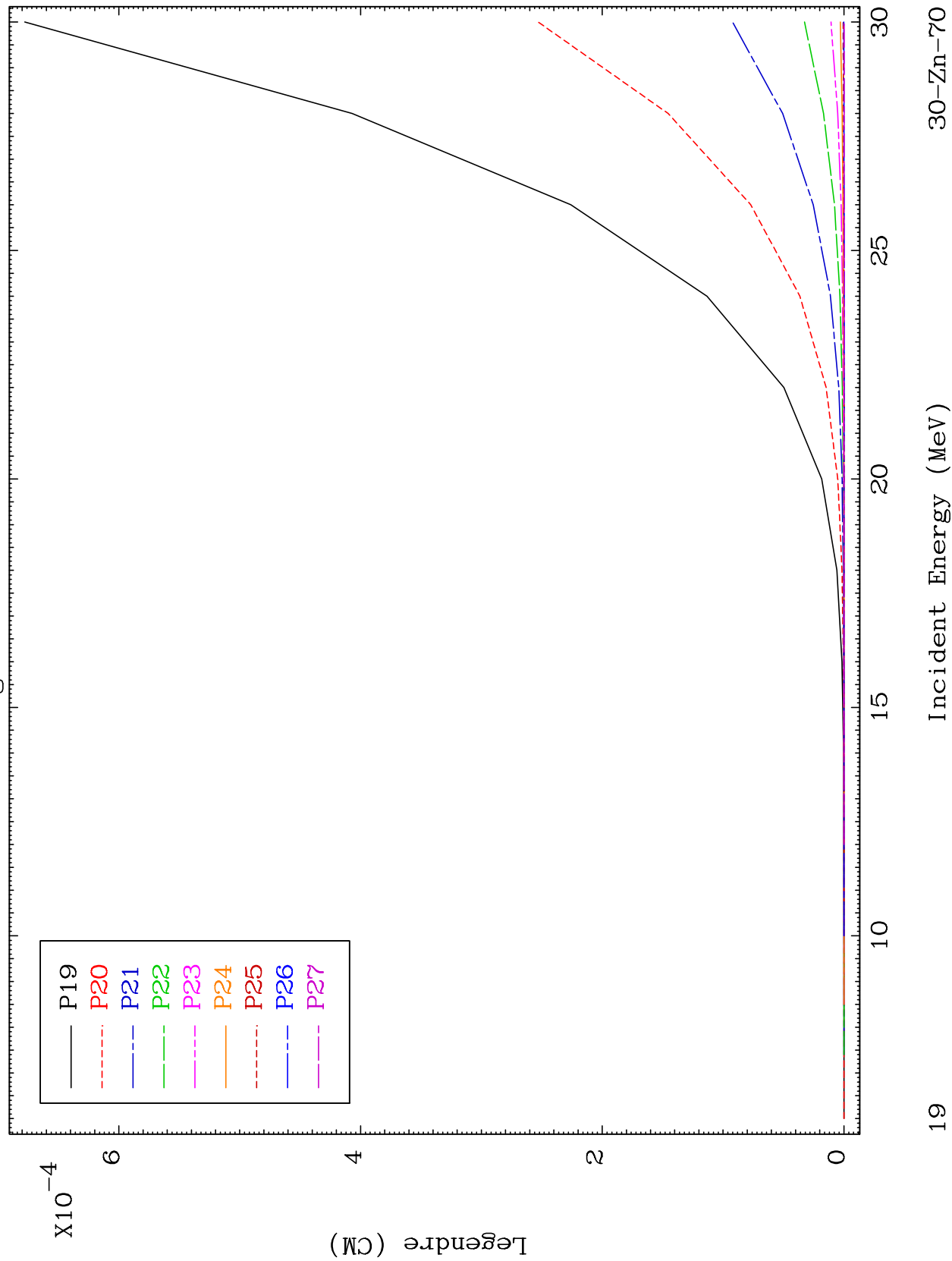
30-Zn-70



MAT 3043

Elastic Legendre Coefficients

30-Zn-70



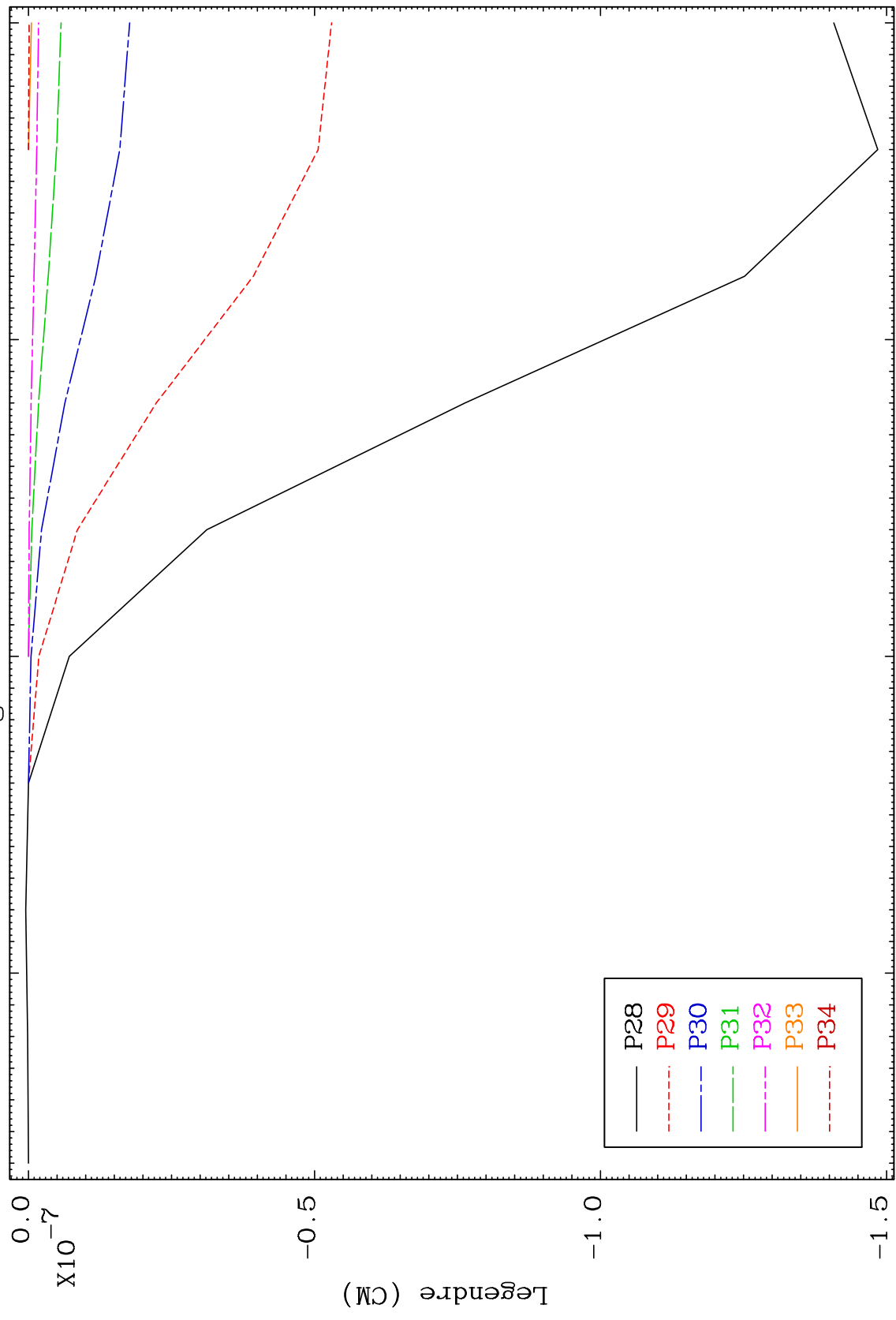
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30-Zn-70

MAT 3043

Elastic Legendre Coefficients

30-Zn-70

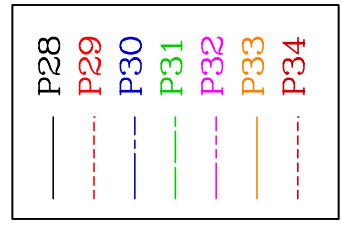


$\times 10^{-7}$

Legendre (CM)

Incident Energy (MeV)

30-Zn-70



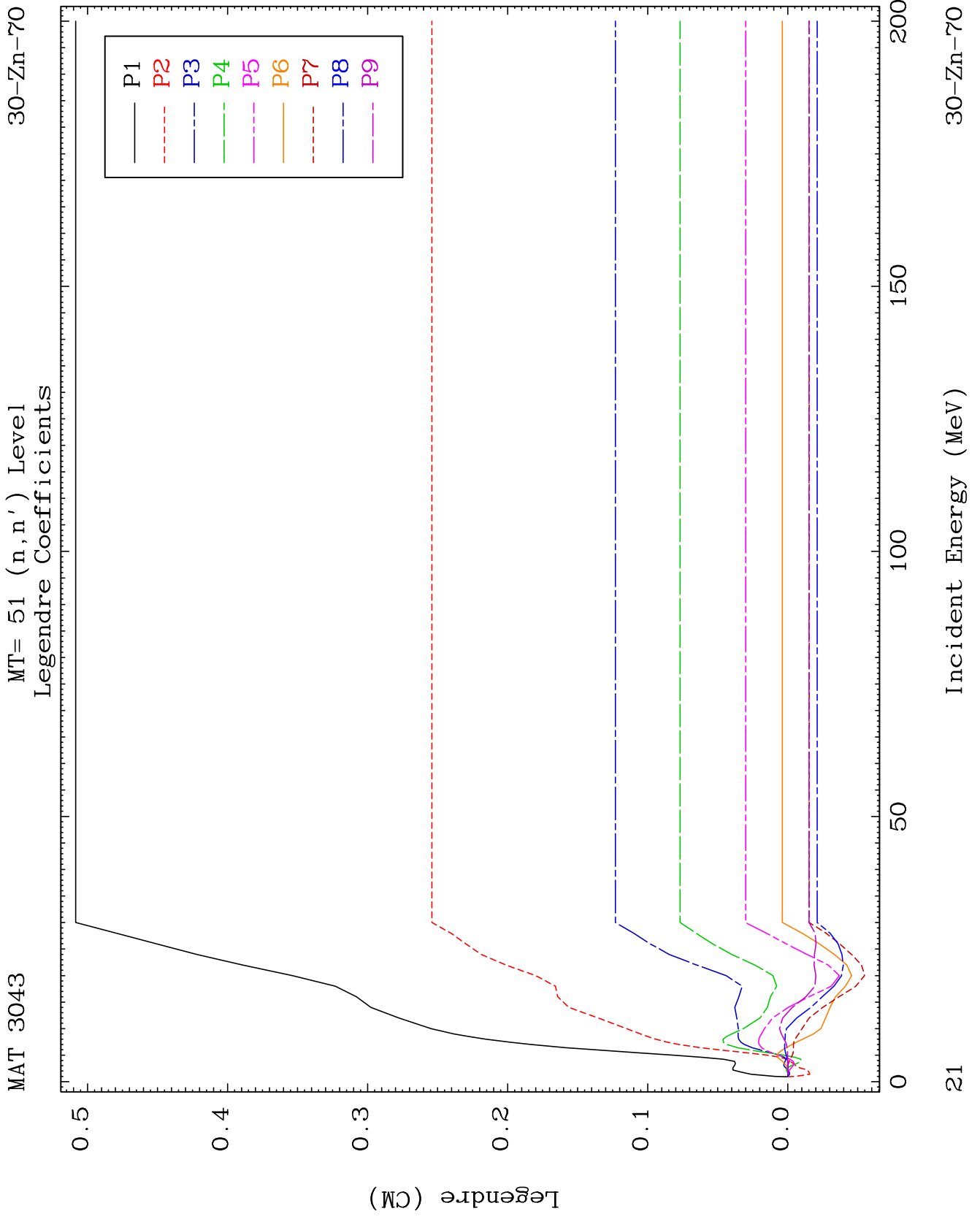
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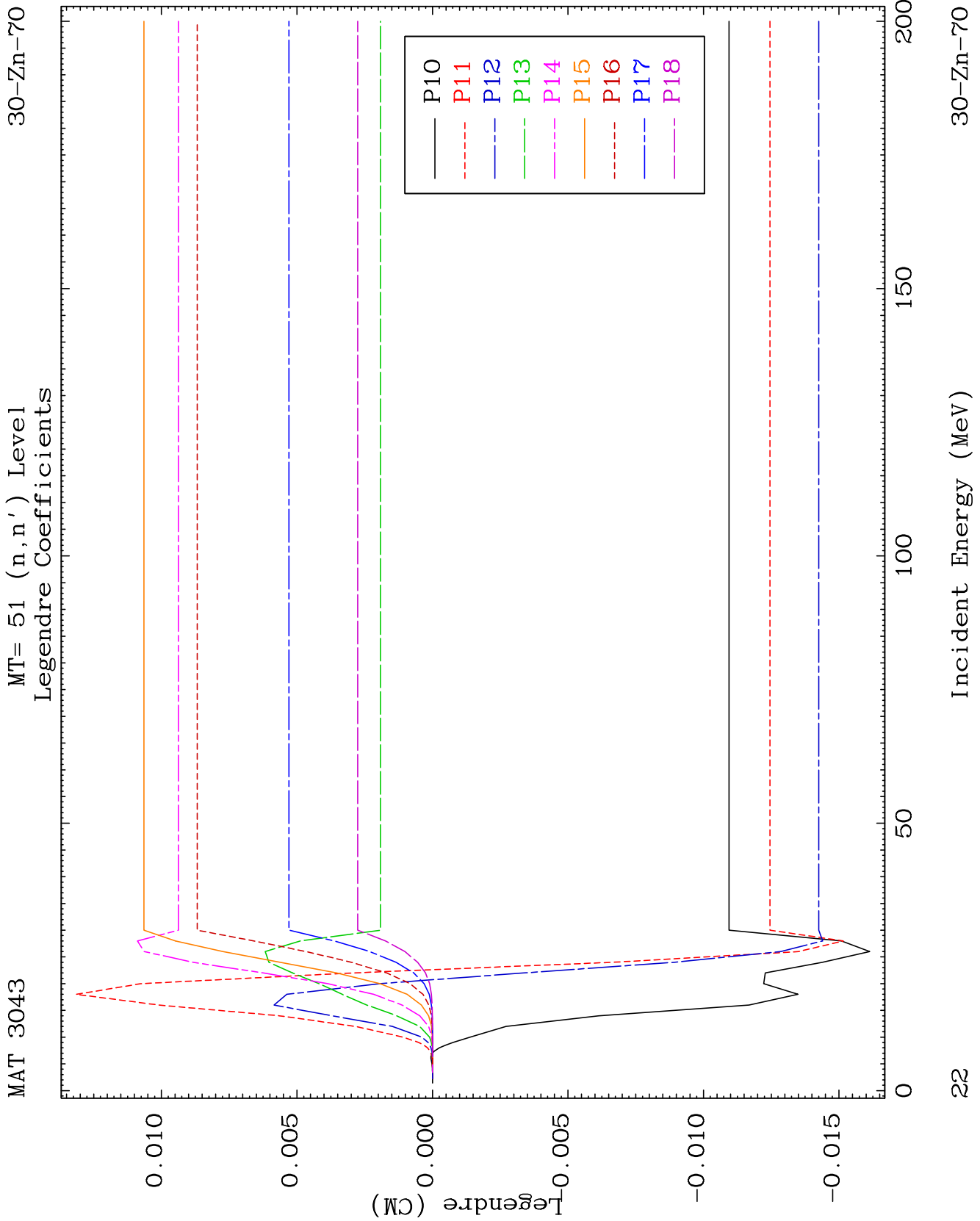
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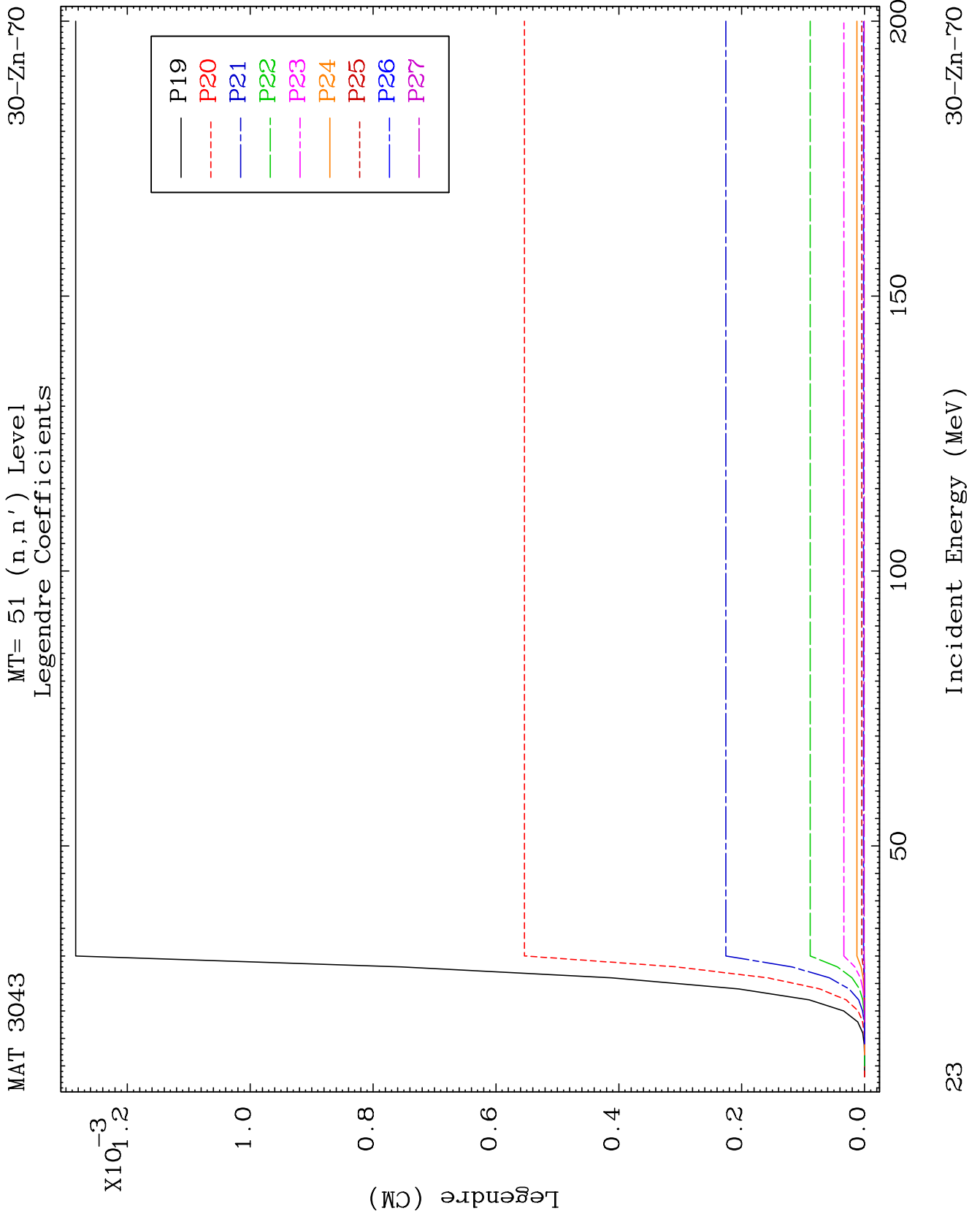
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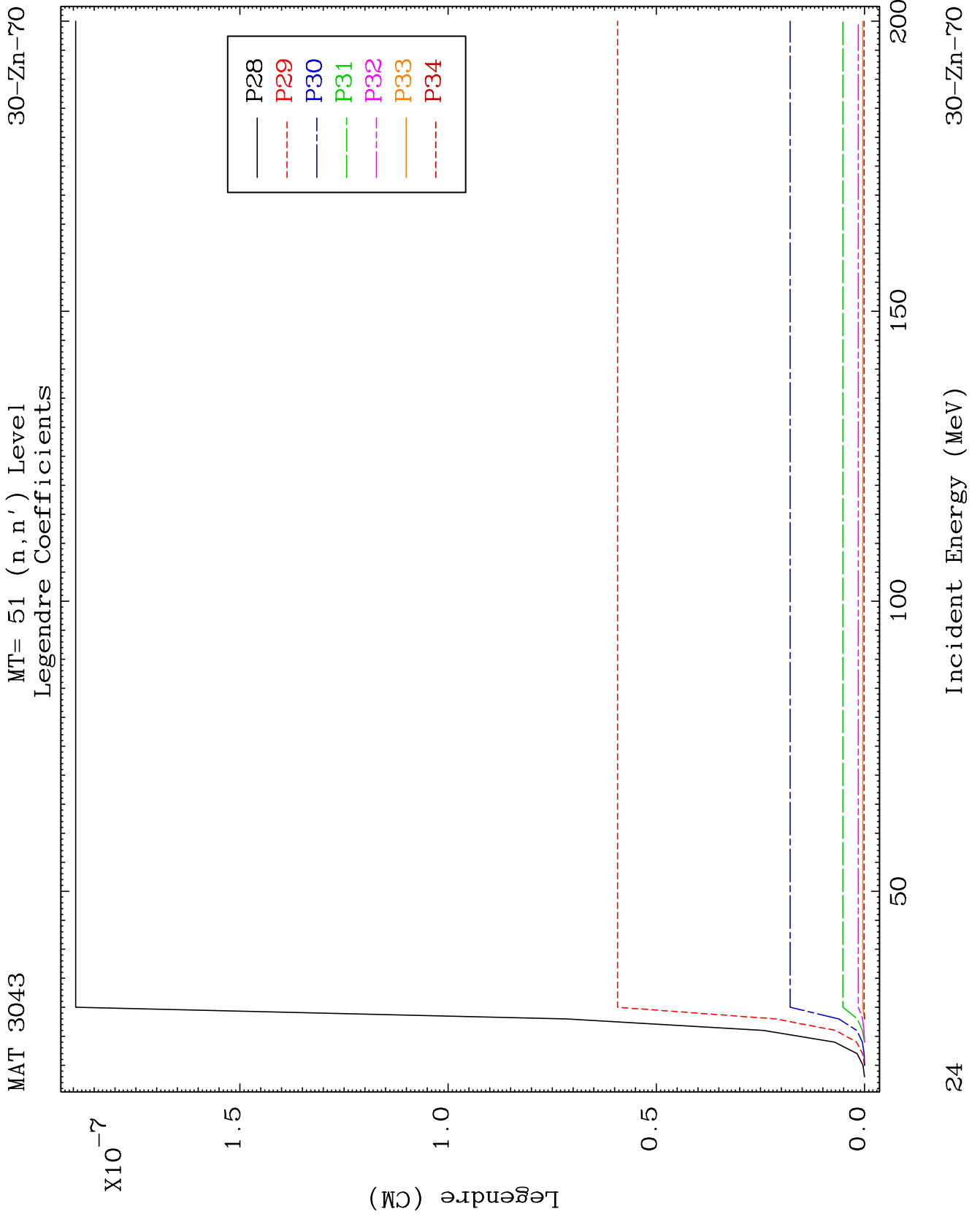
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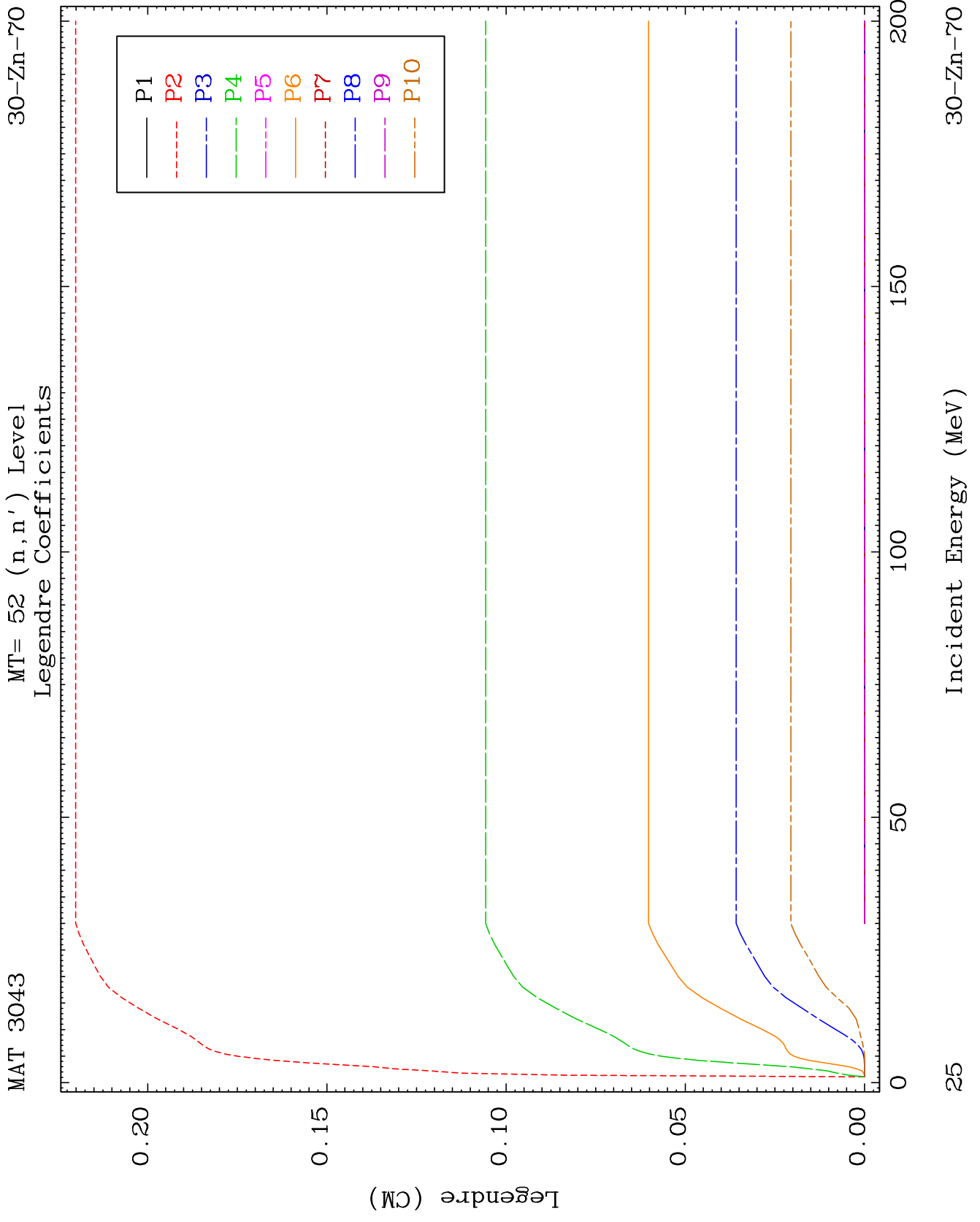
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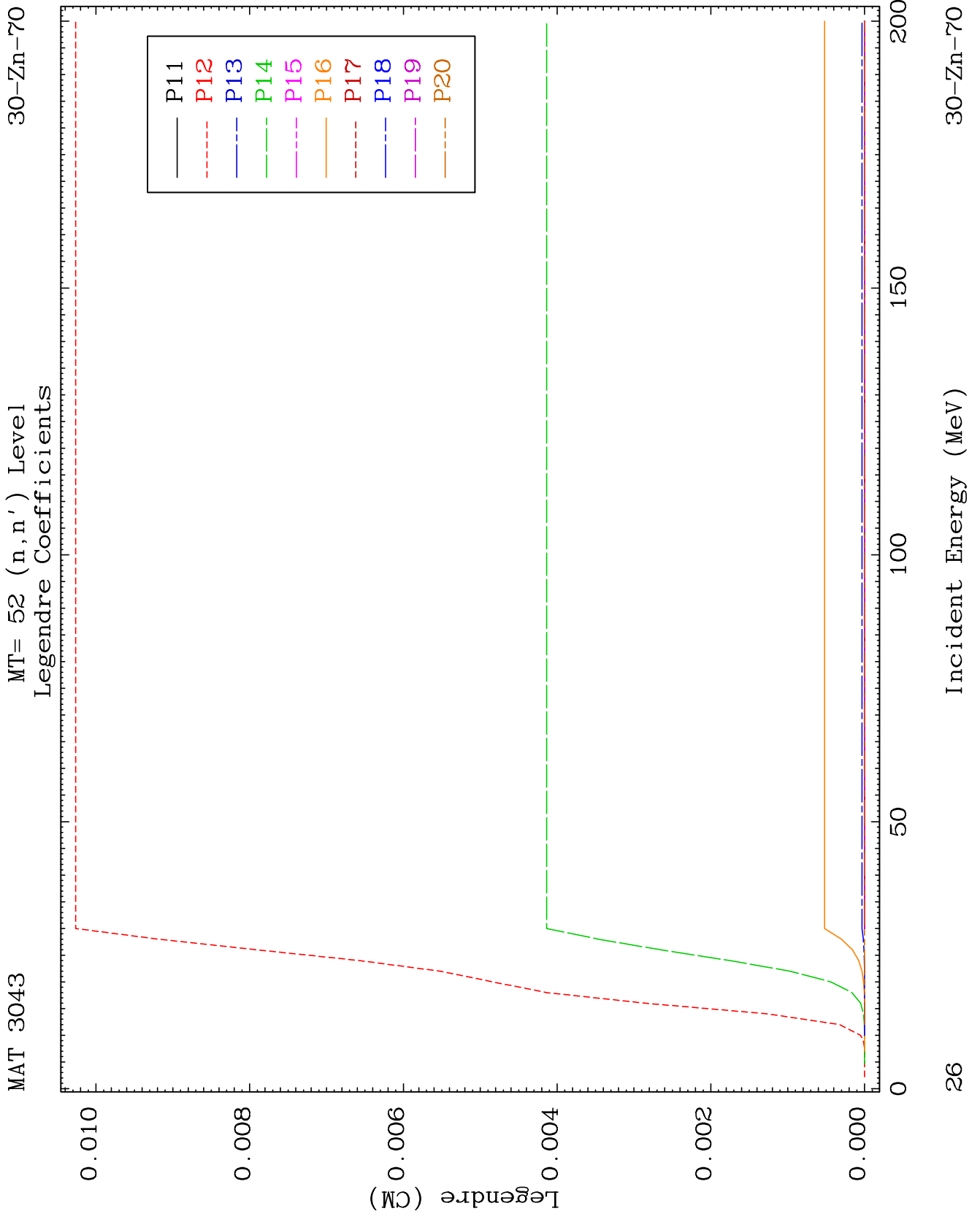


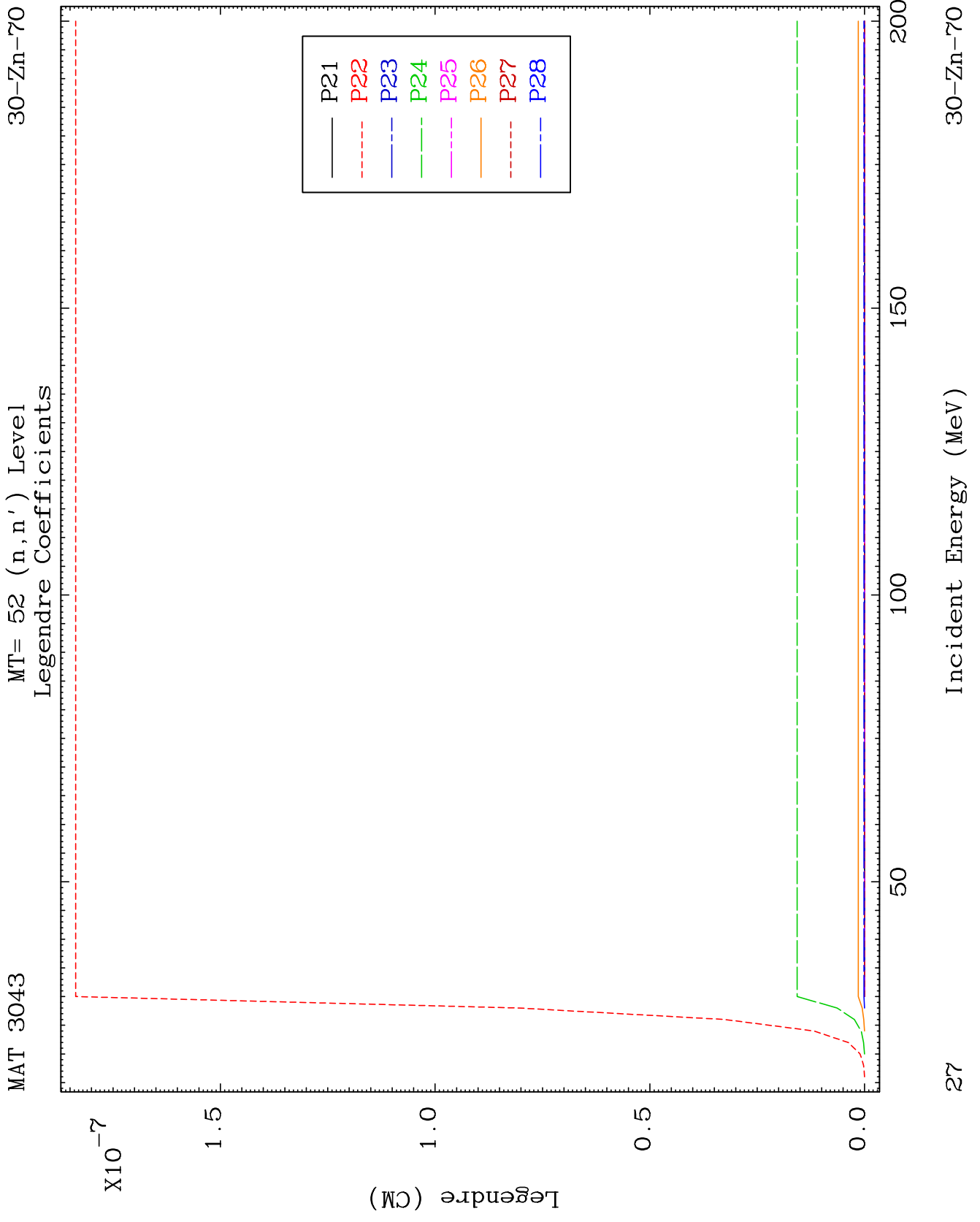


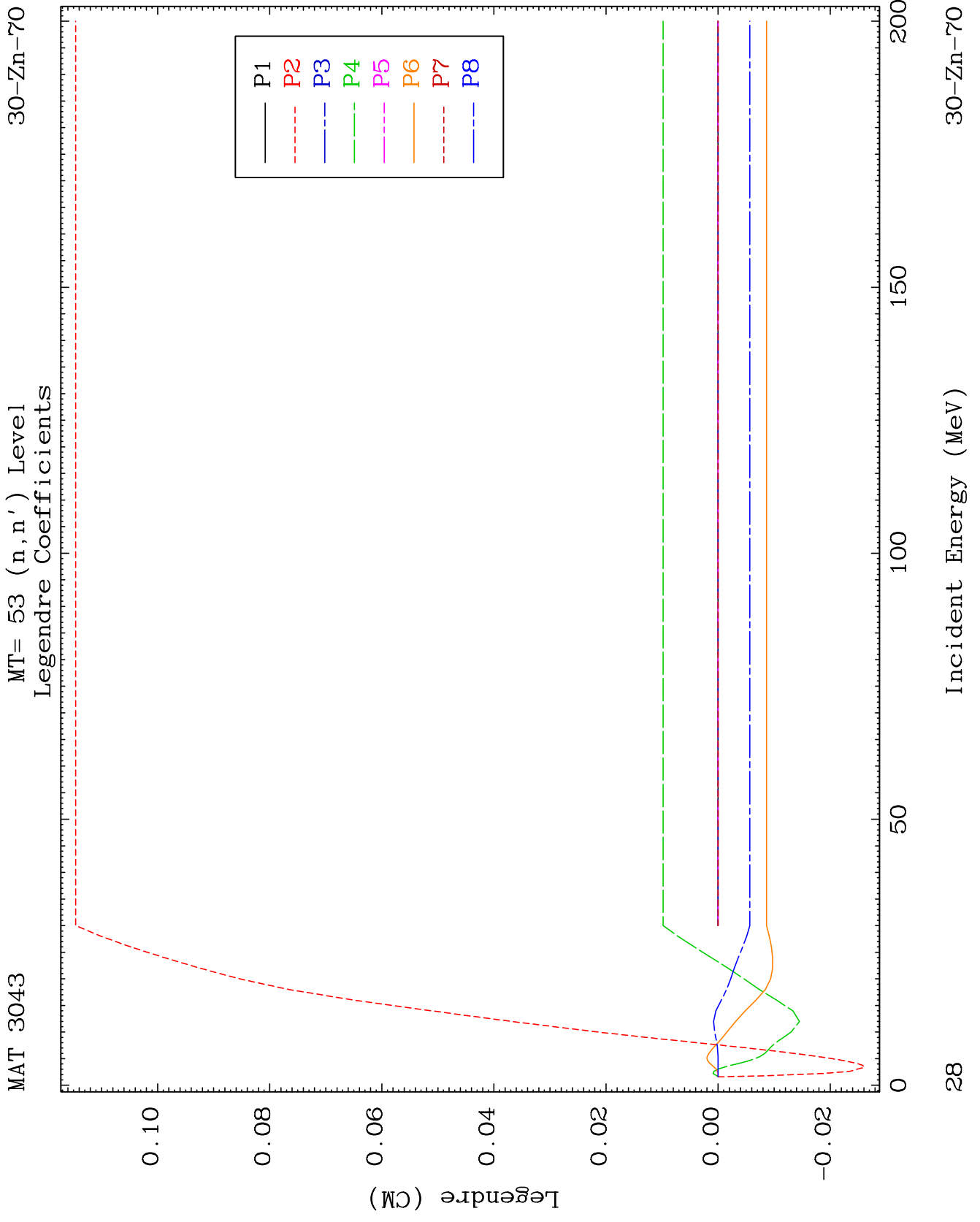








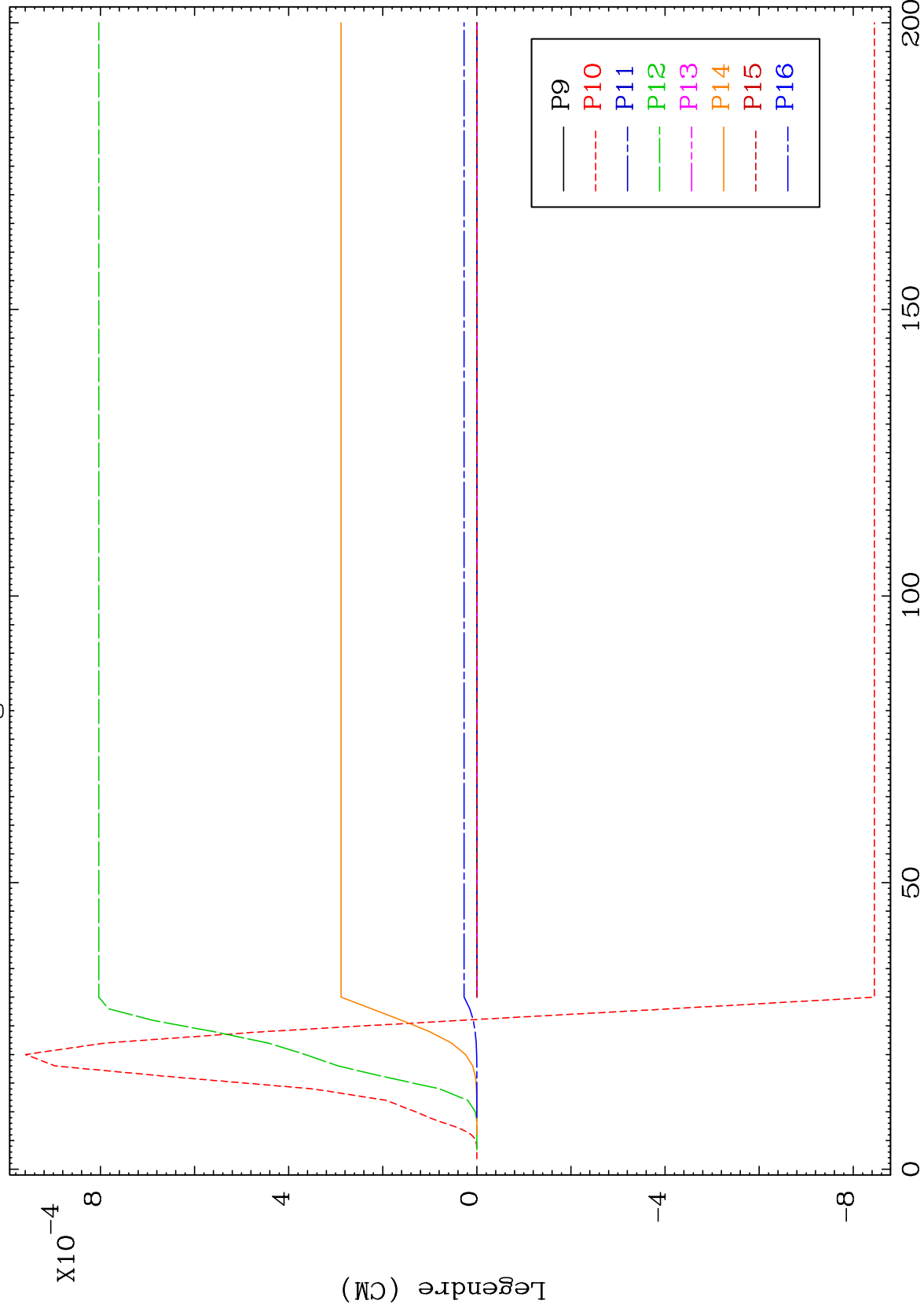




MAT 3043

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

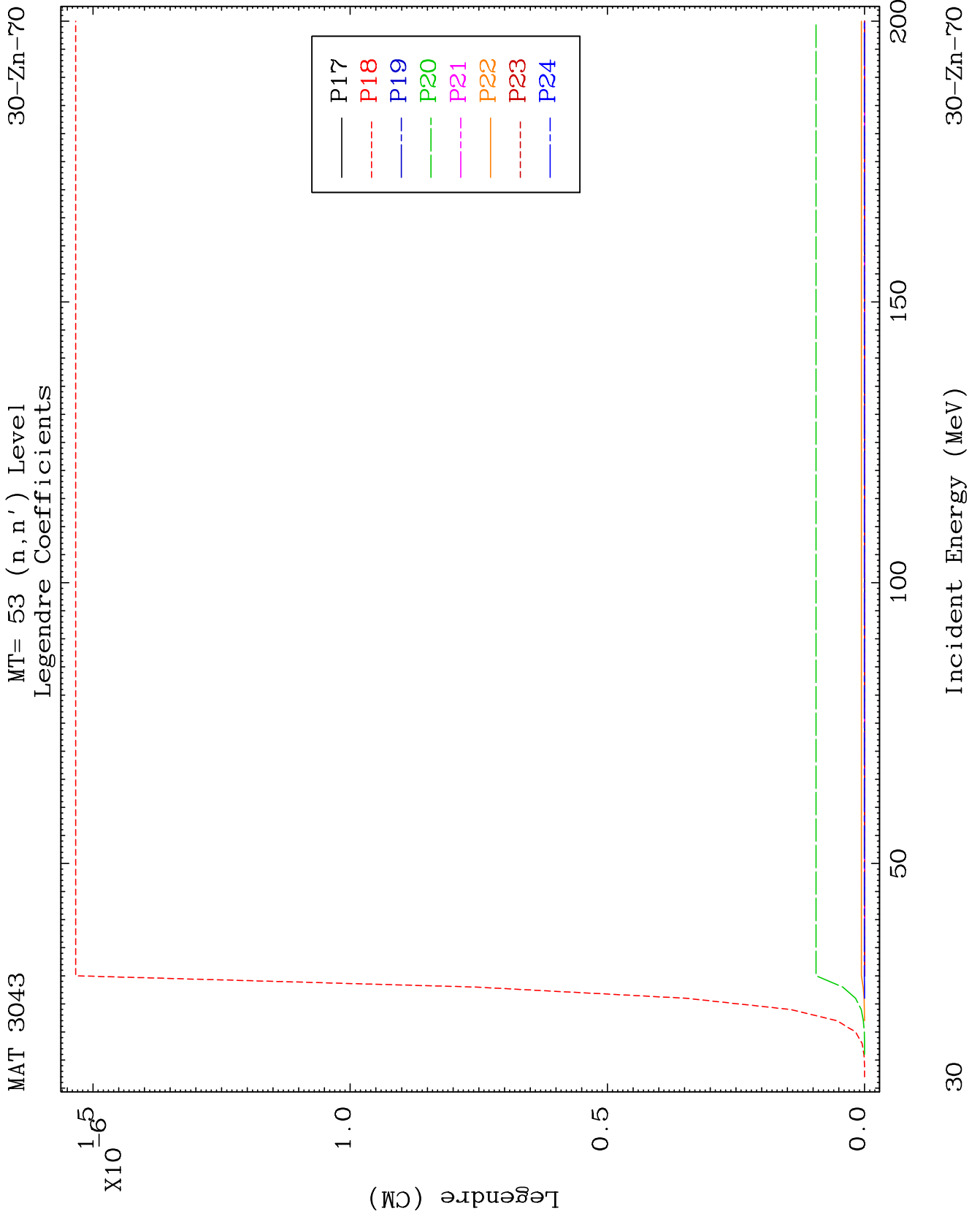
30-Zn-70

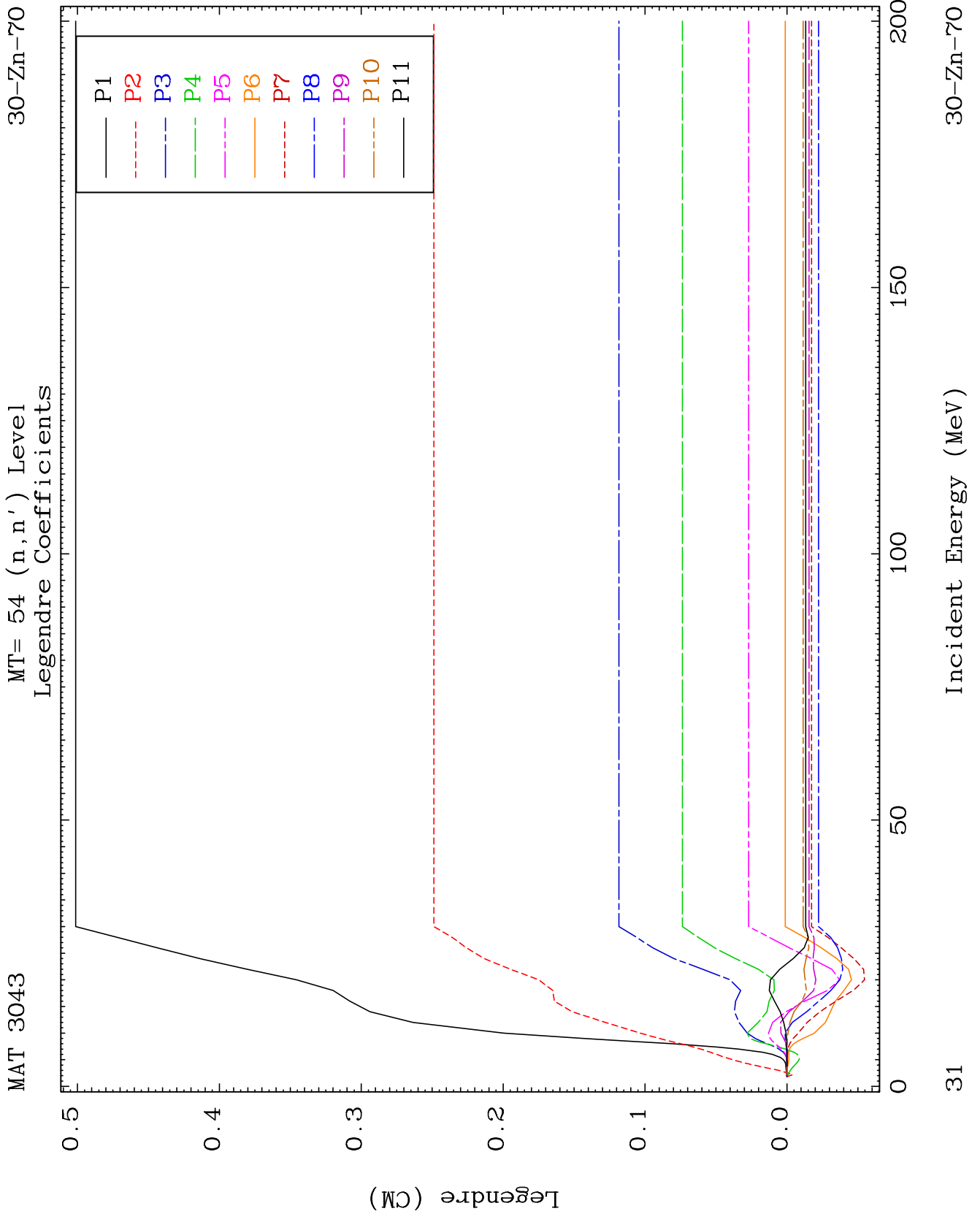


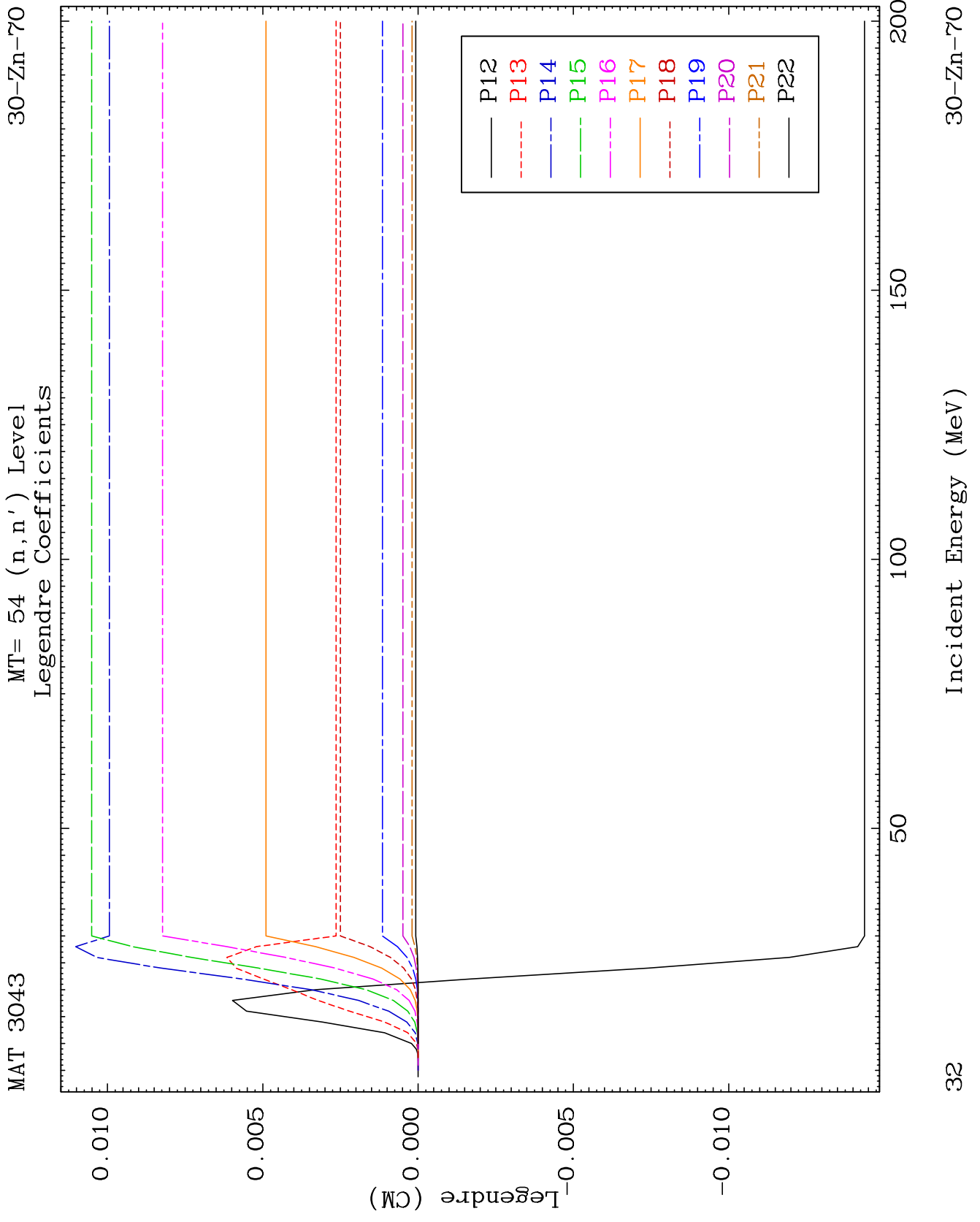
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Incident Energy (MeV)

30-Zn-70



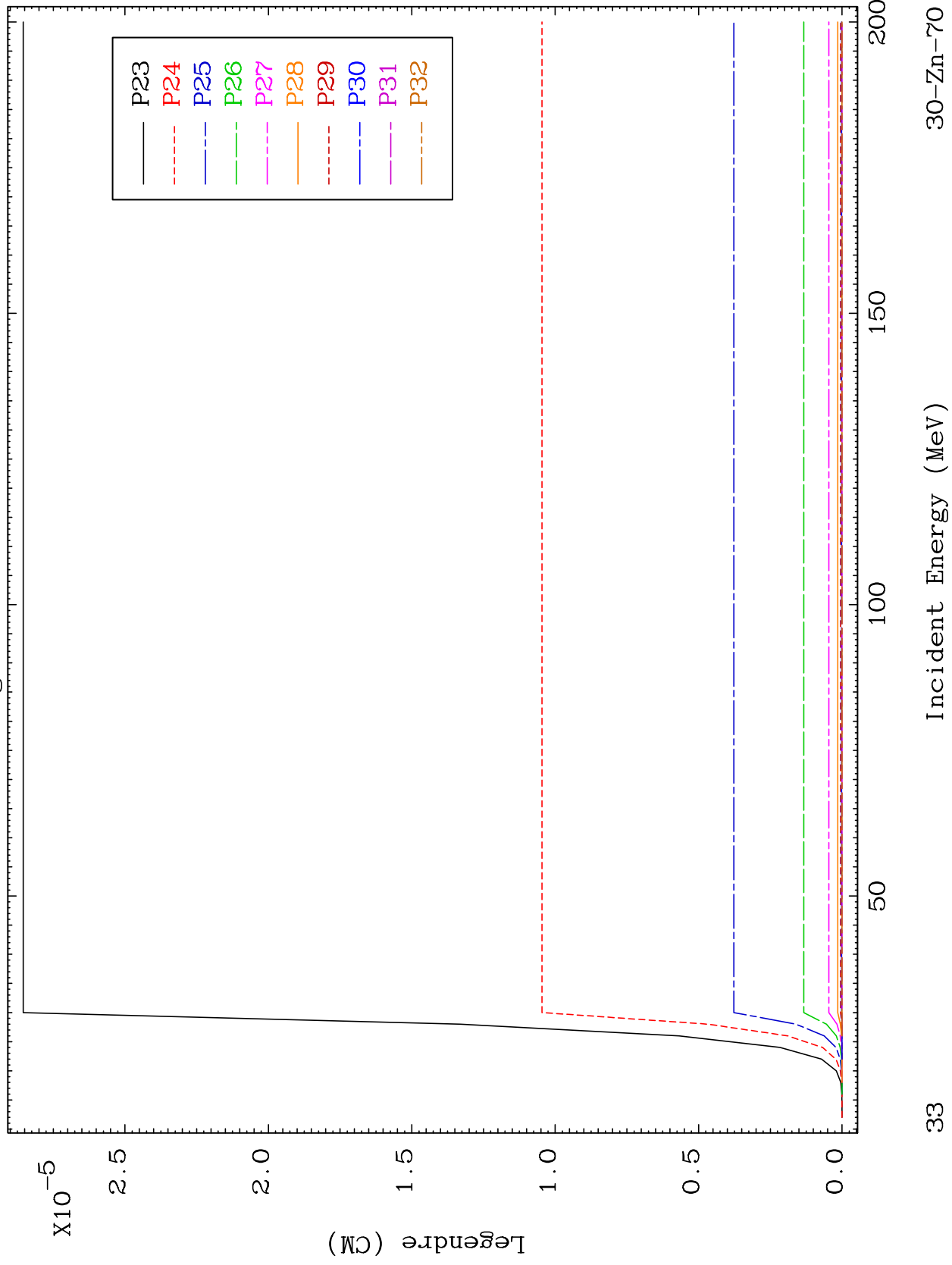




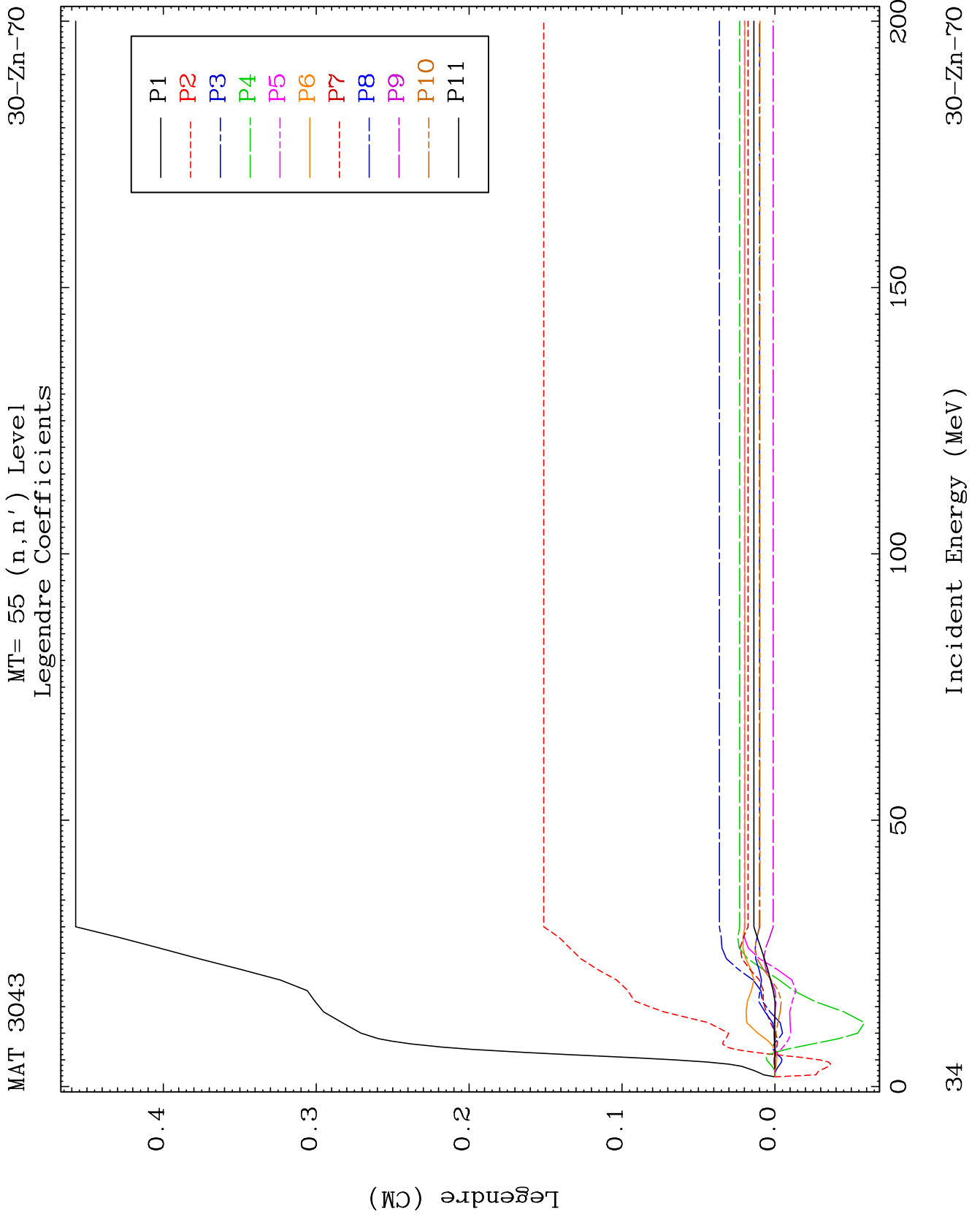
MAT 3043

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

30-Zn-70



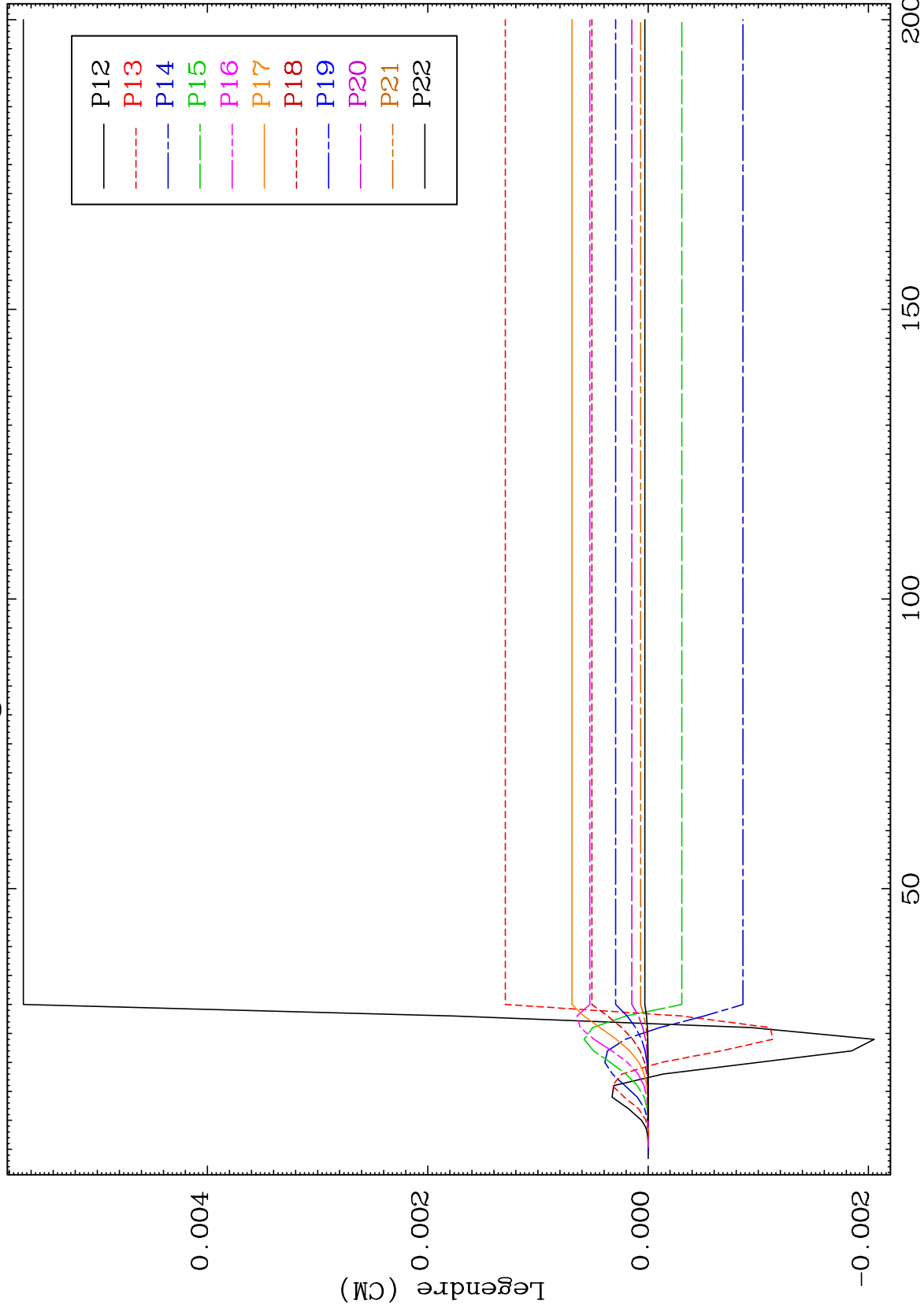
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MAT 3043

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

30-Zn-70



35

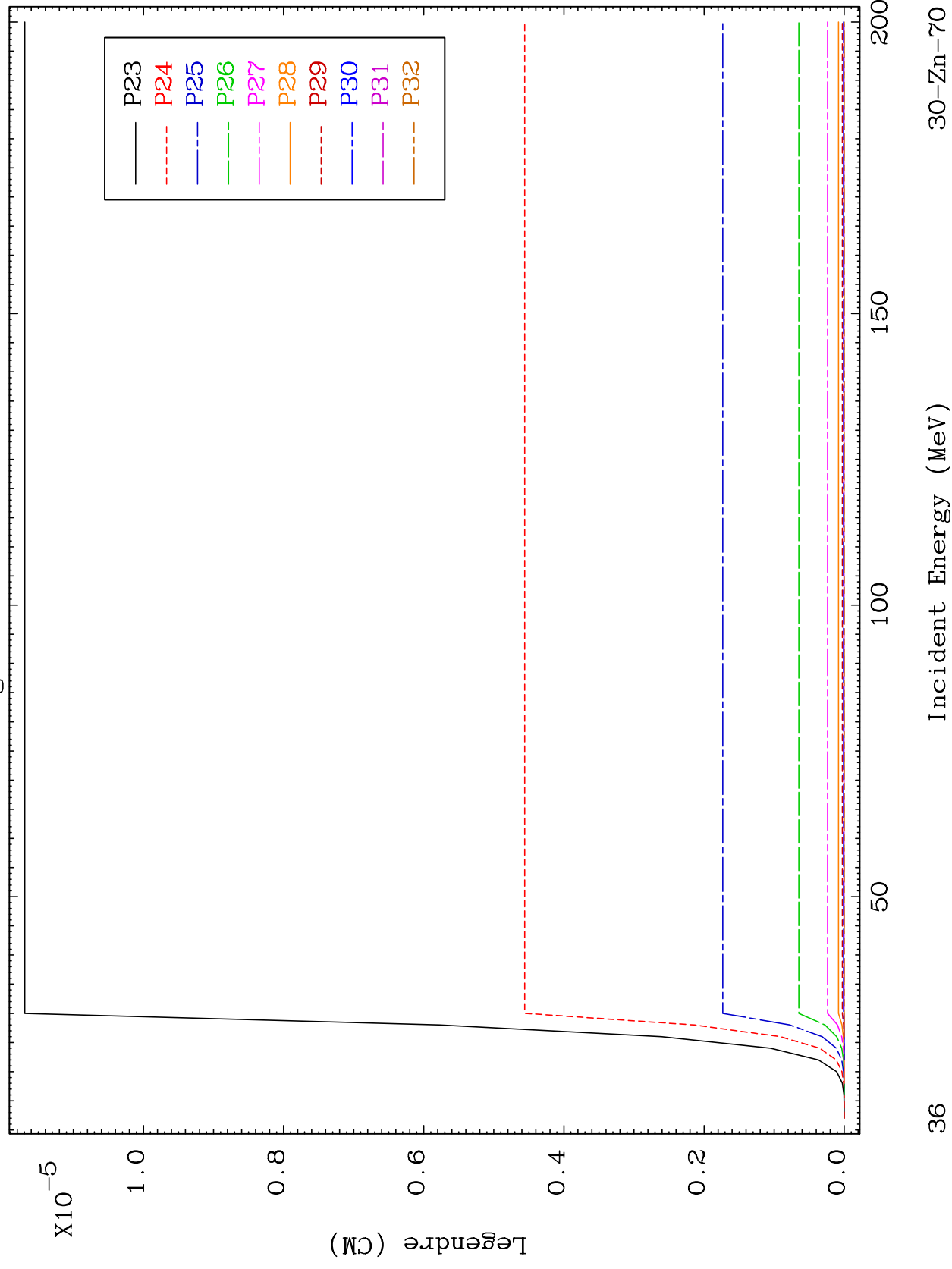
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

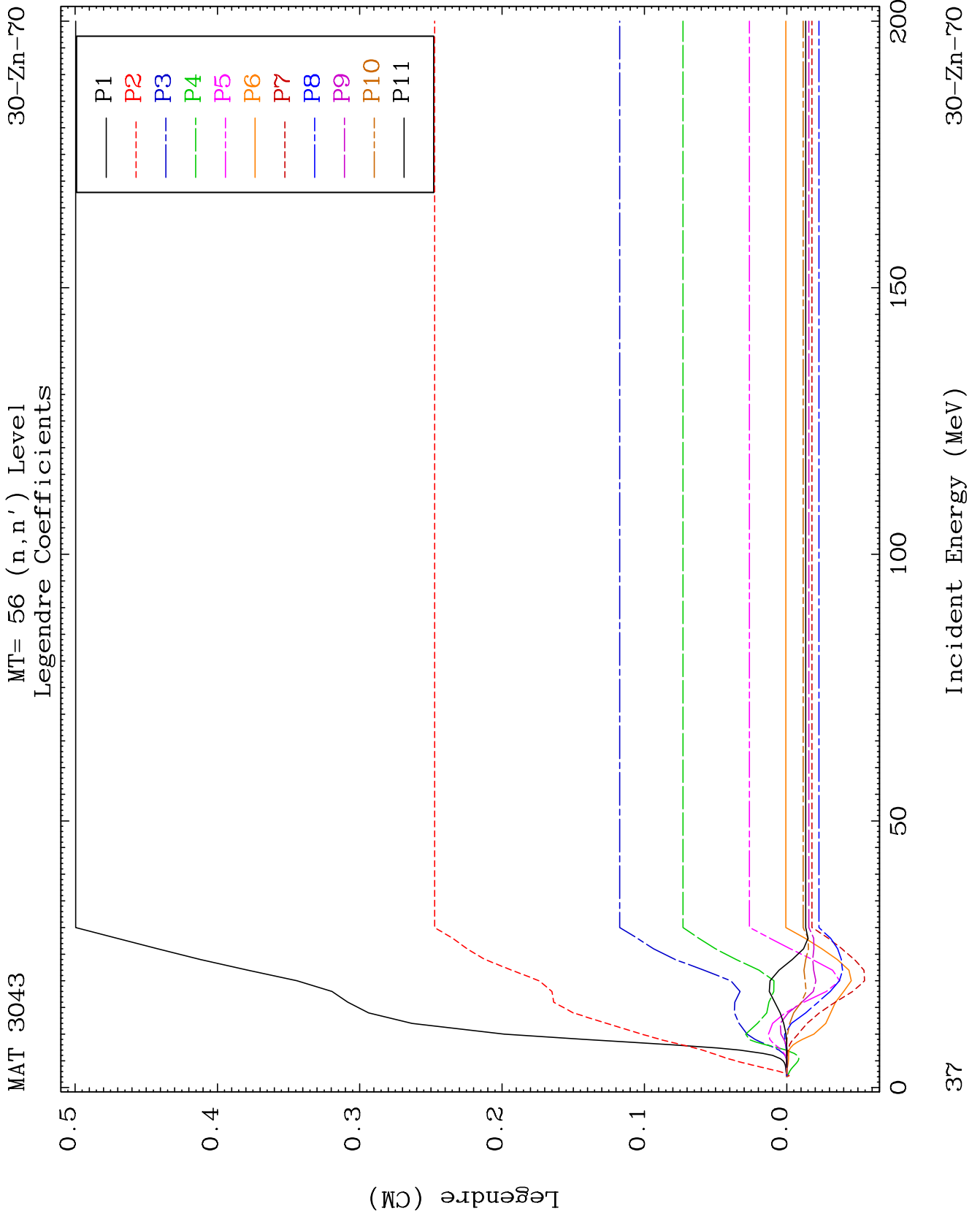
30-Zn-70



36

Incident Energy (MeV)

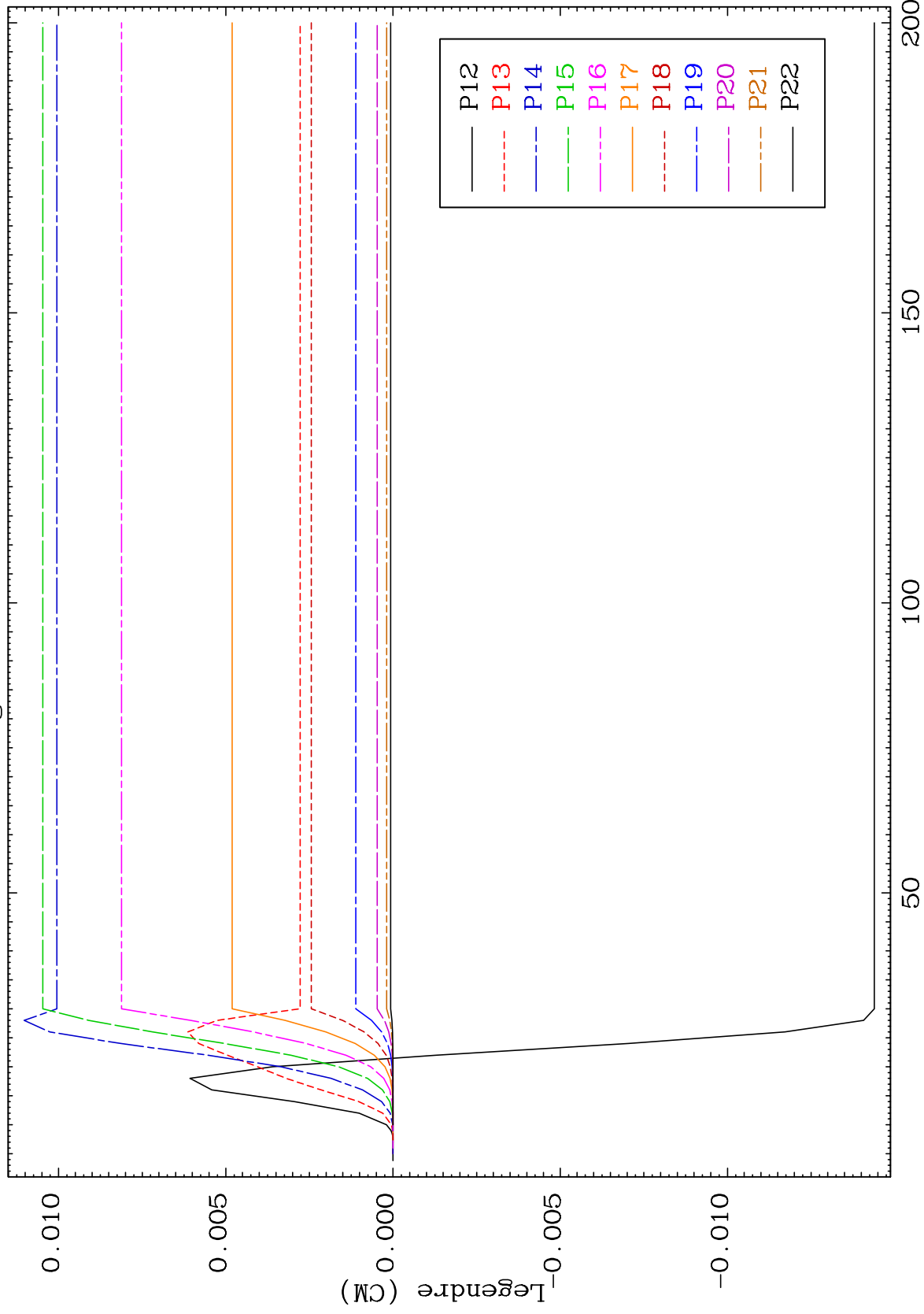
30-Zn-70



MAT 3043

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

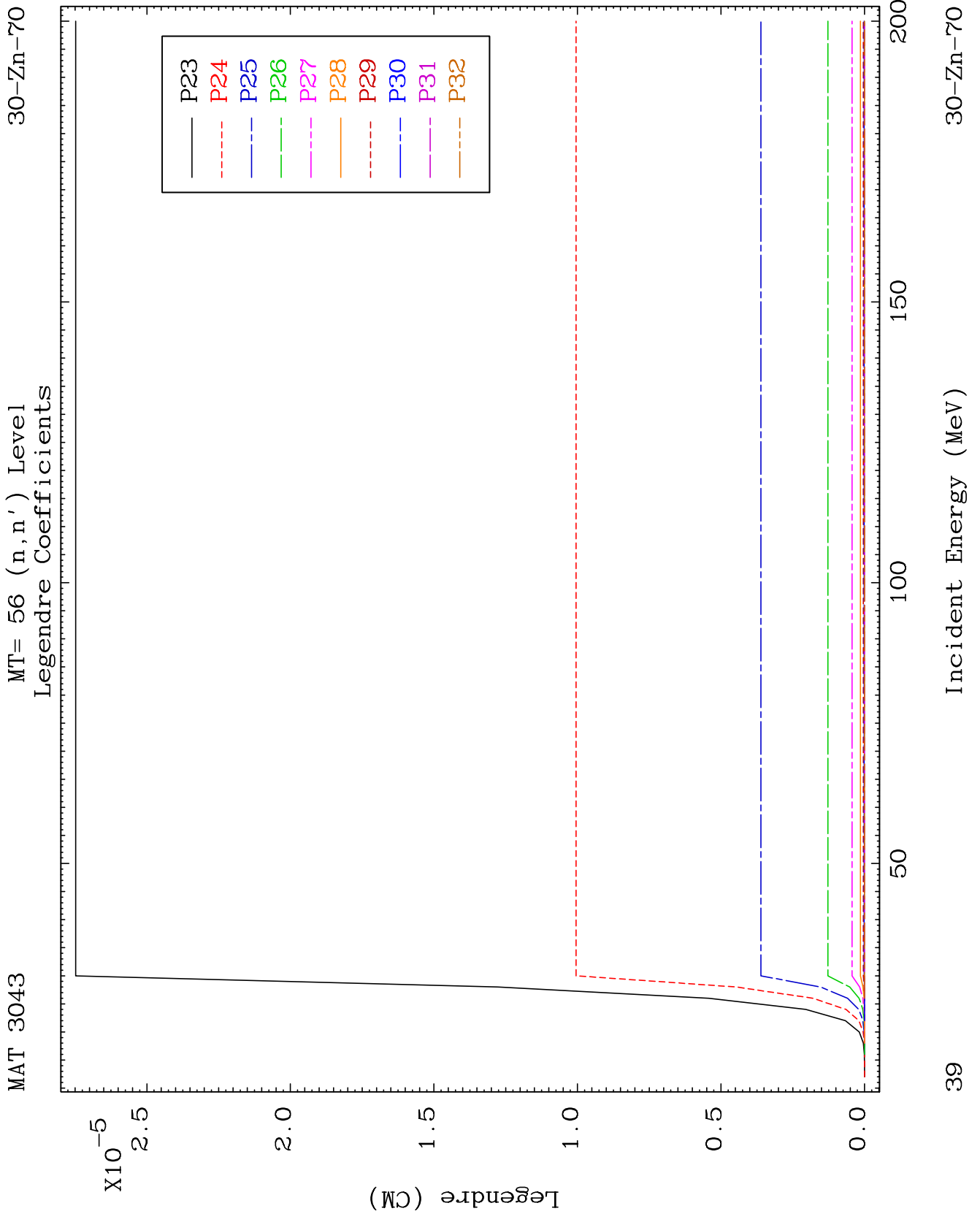
30-Zn-70

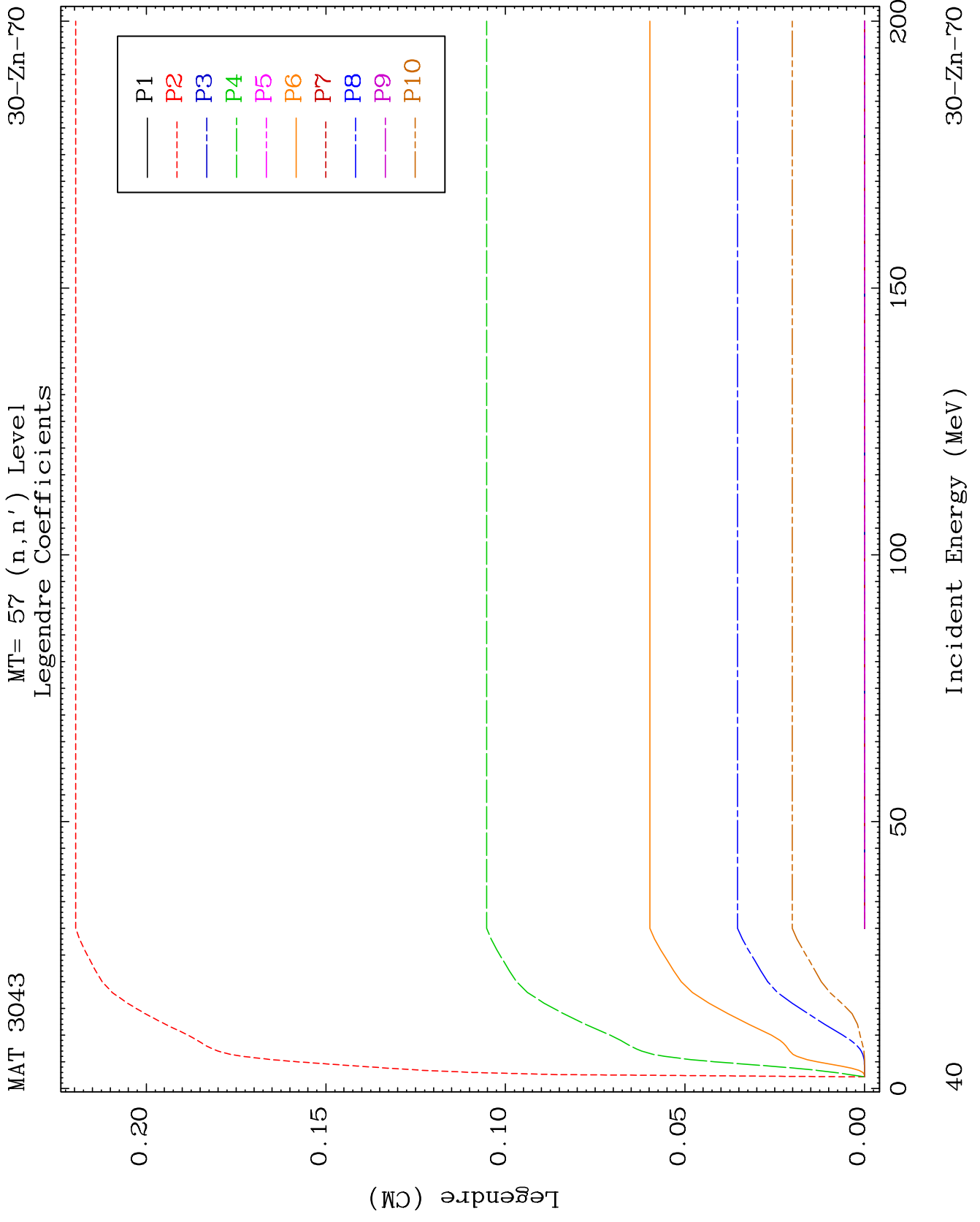


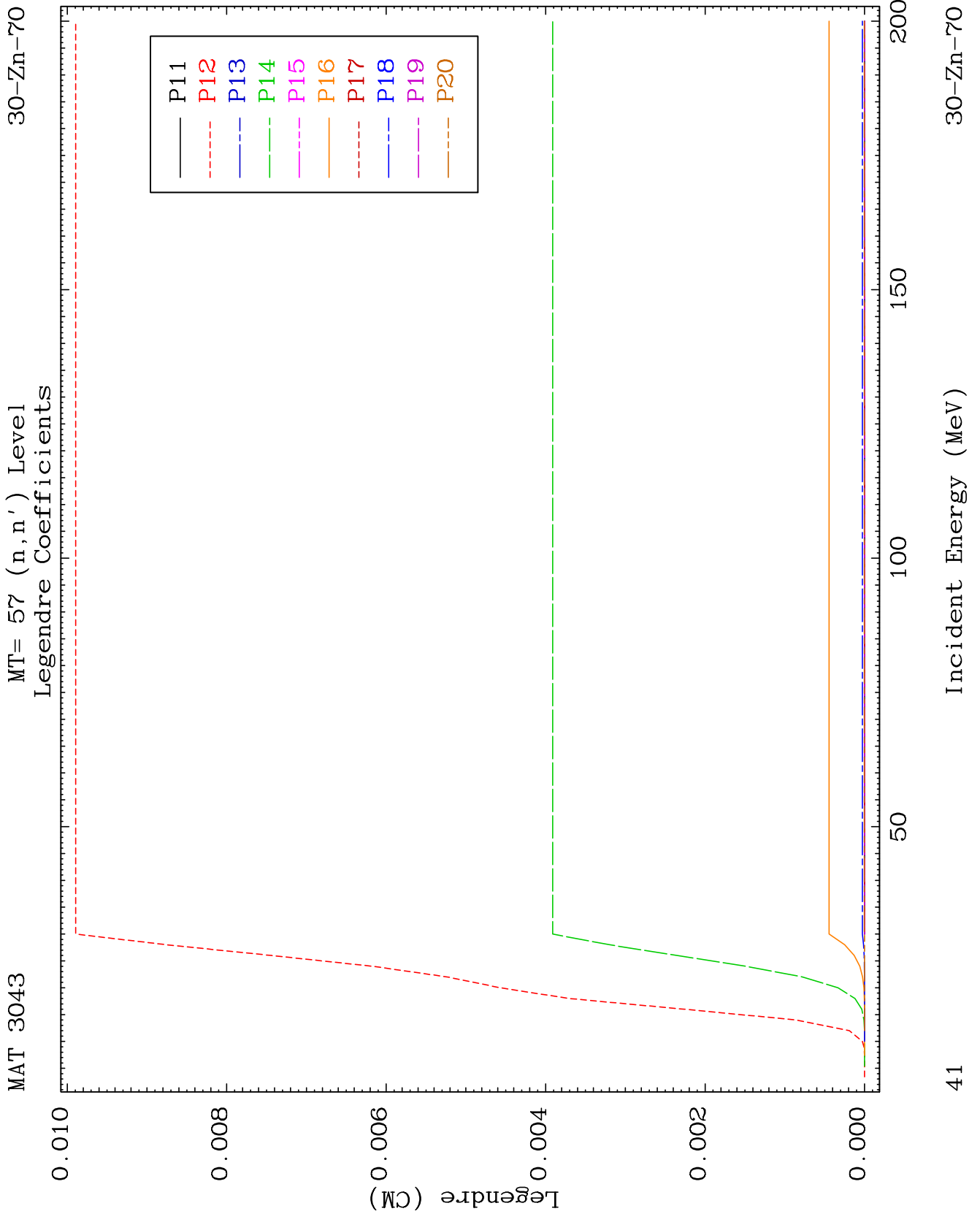
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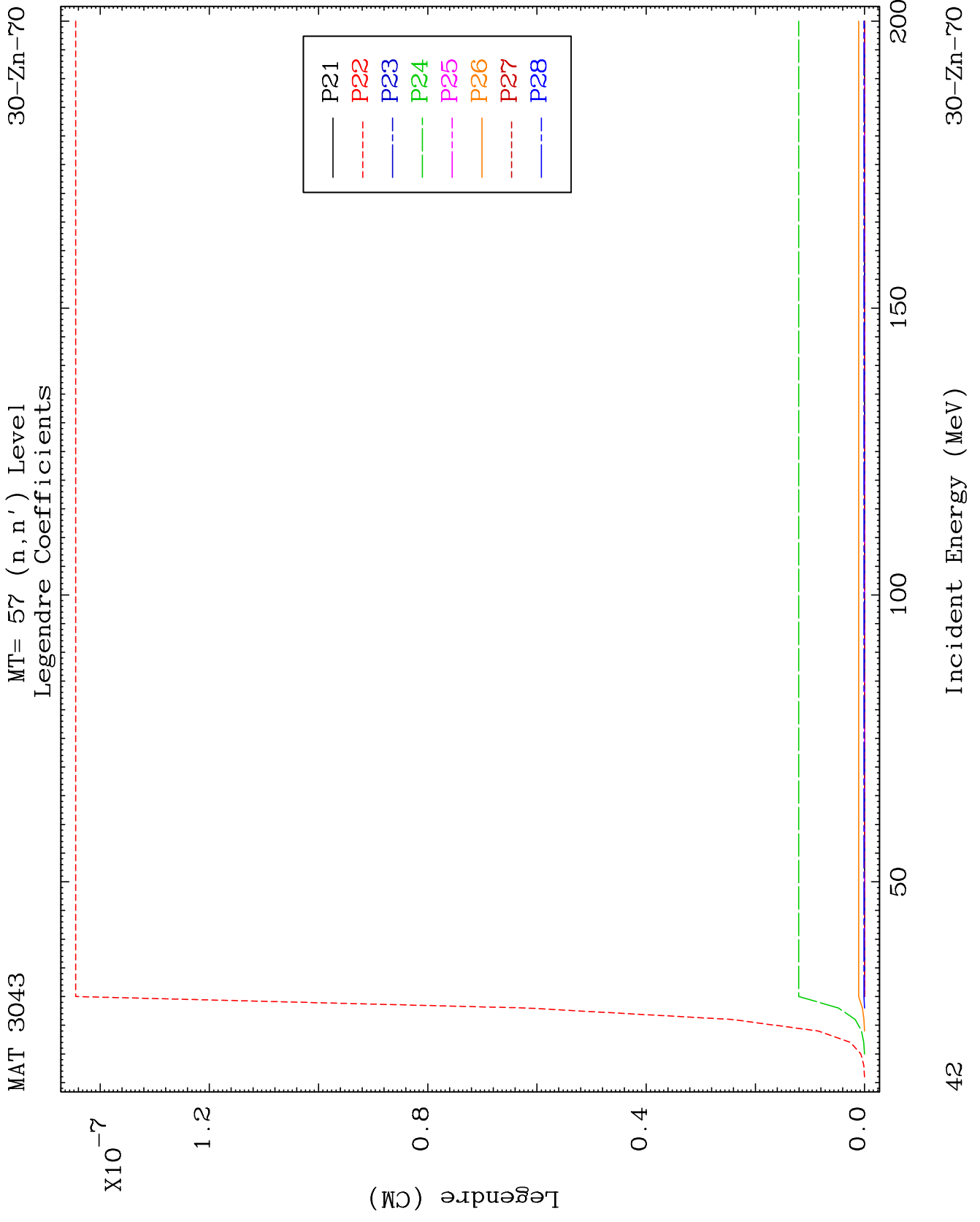
Incident Energy (MeV)

30-Zn-70





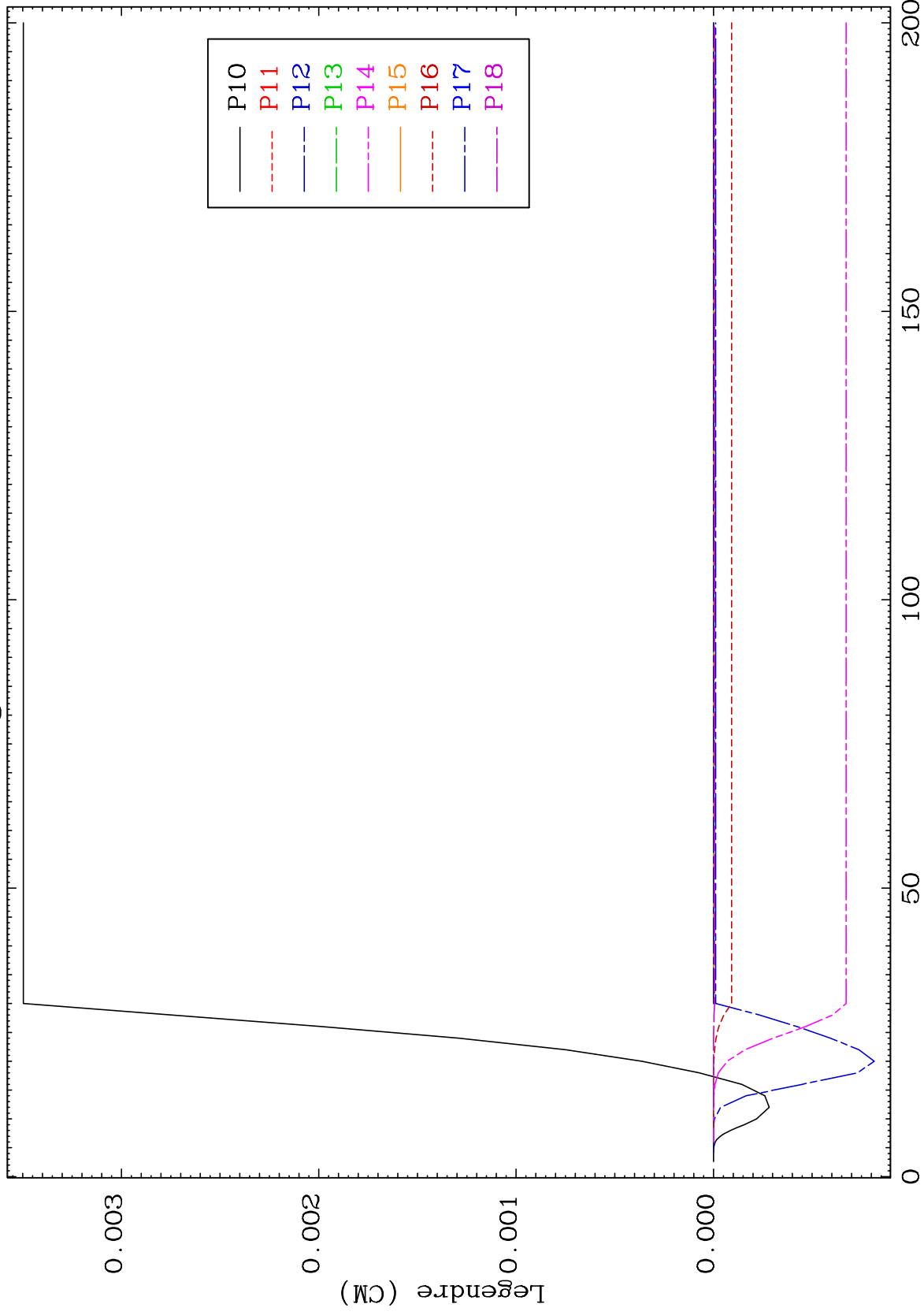




MAT 3043

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

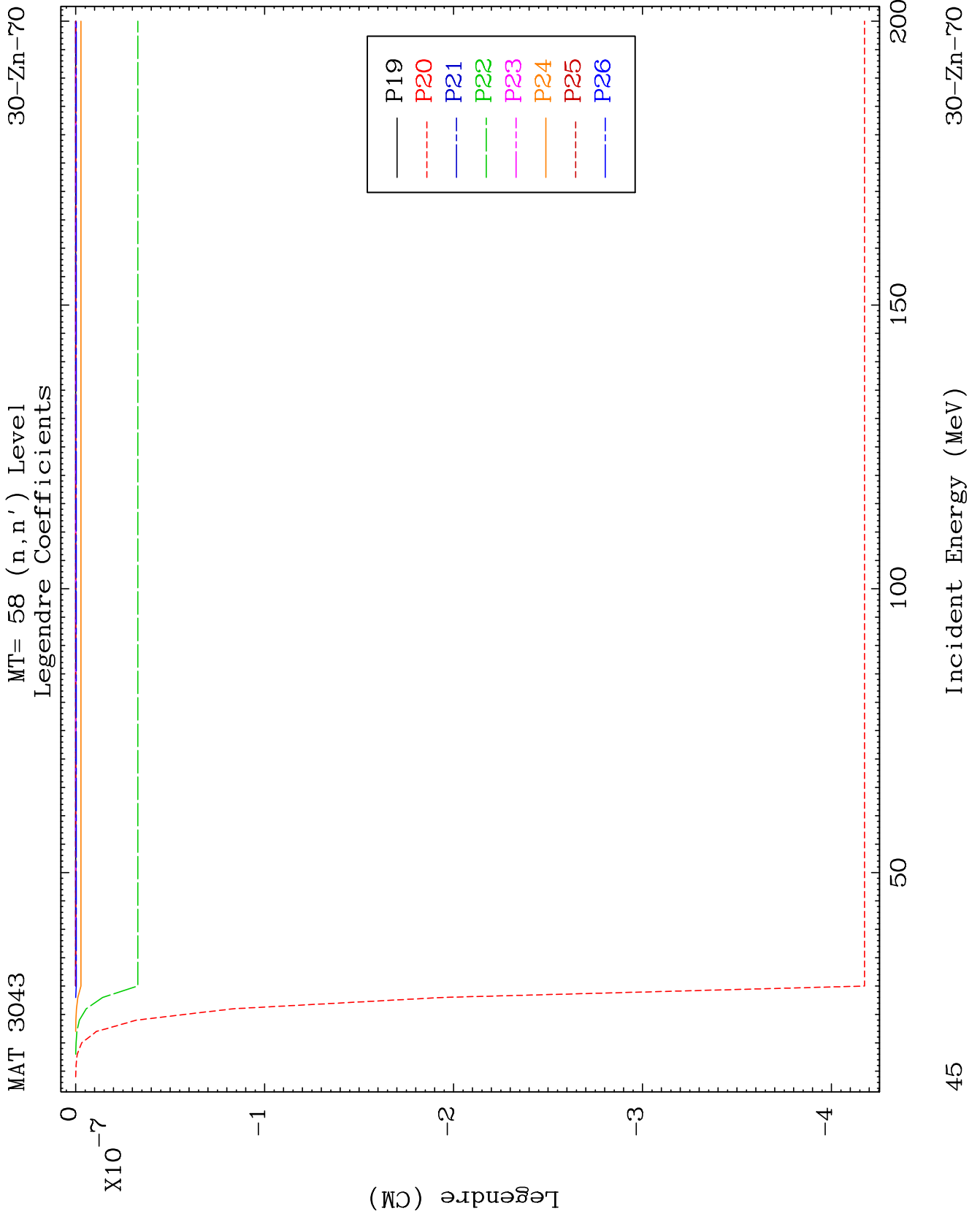
30-Zn-70

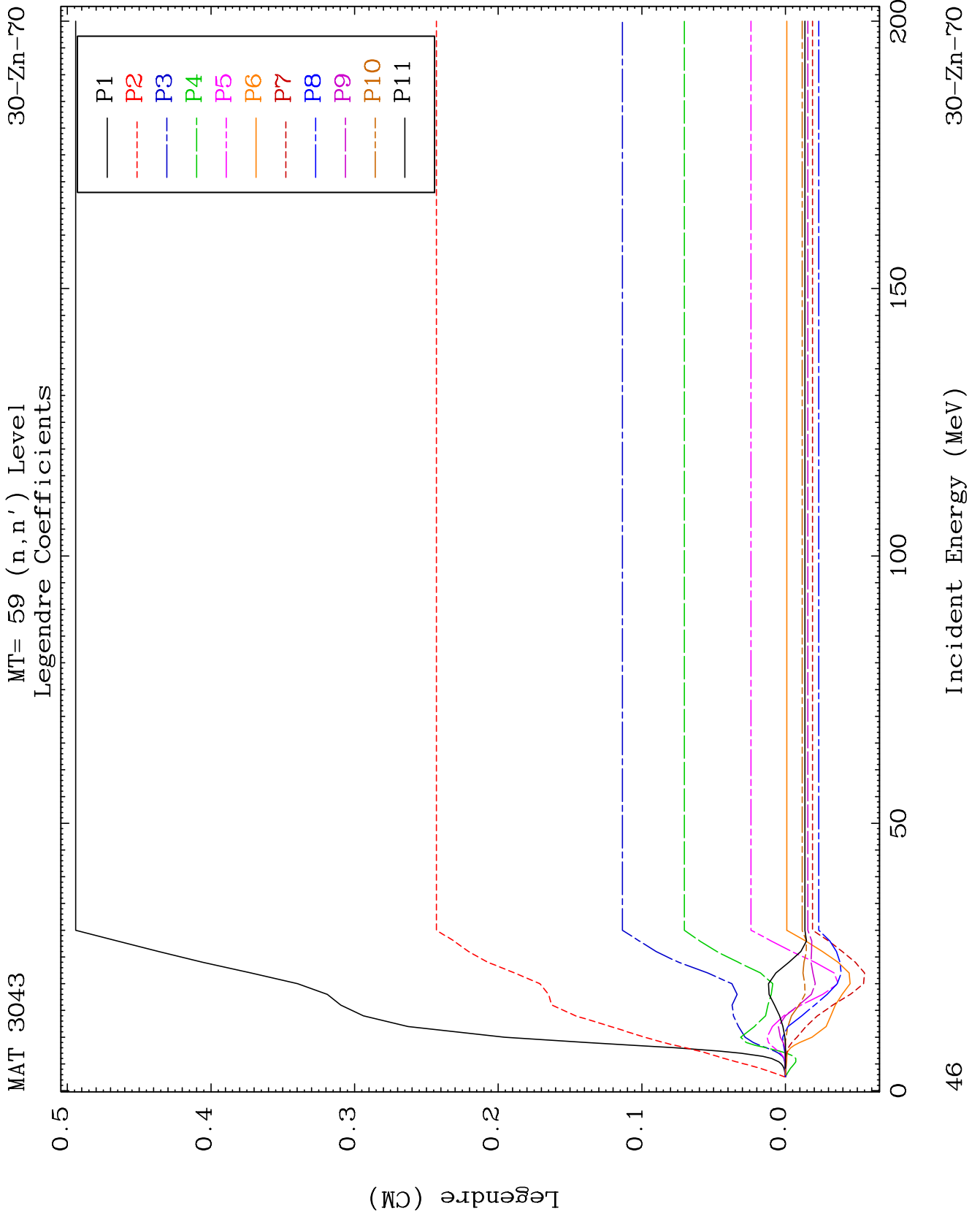


44

Incident Energy (MeV)

30-Zn-70

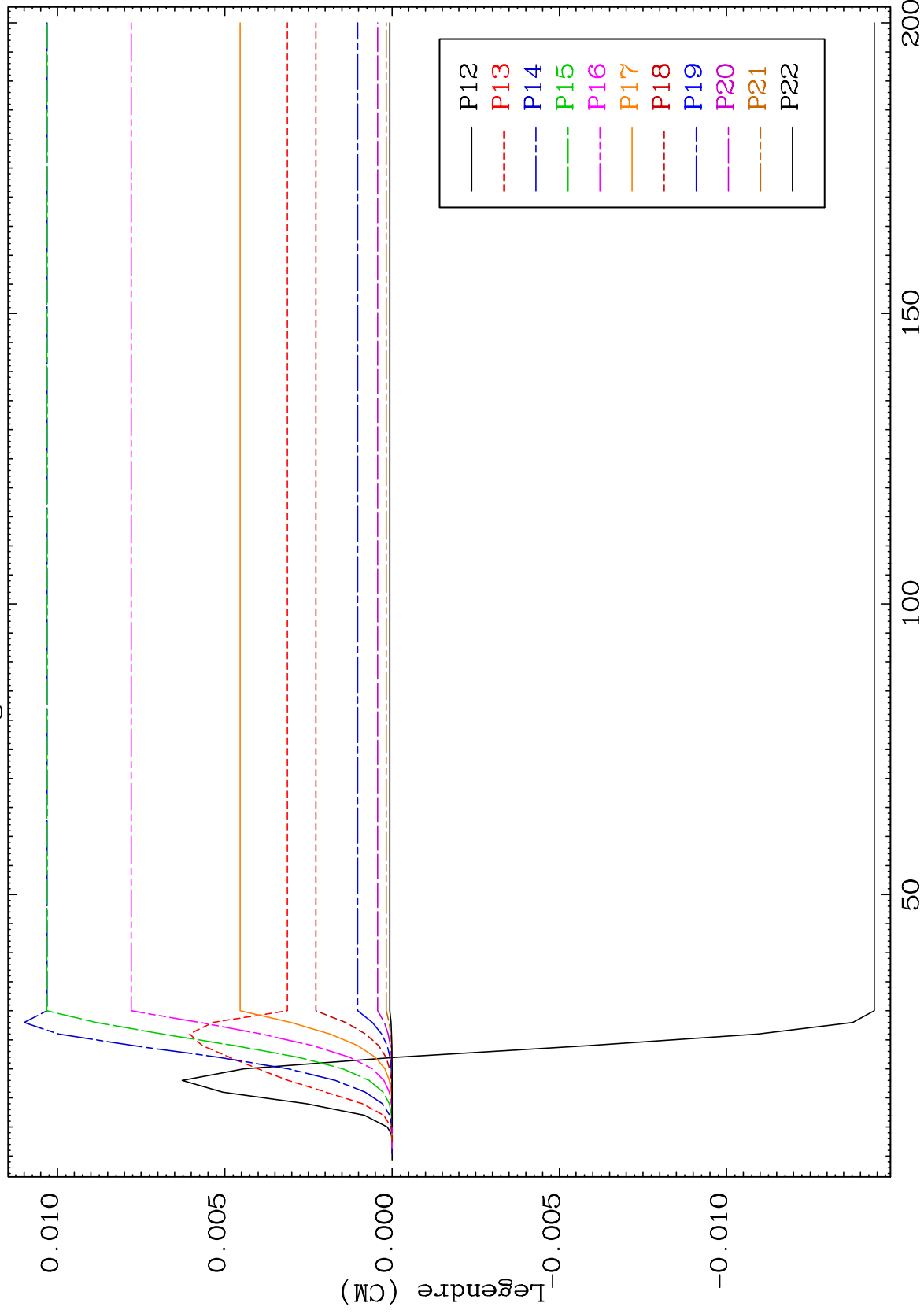




MAT 3043

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

30-Zn-70



47

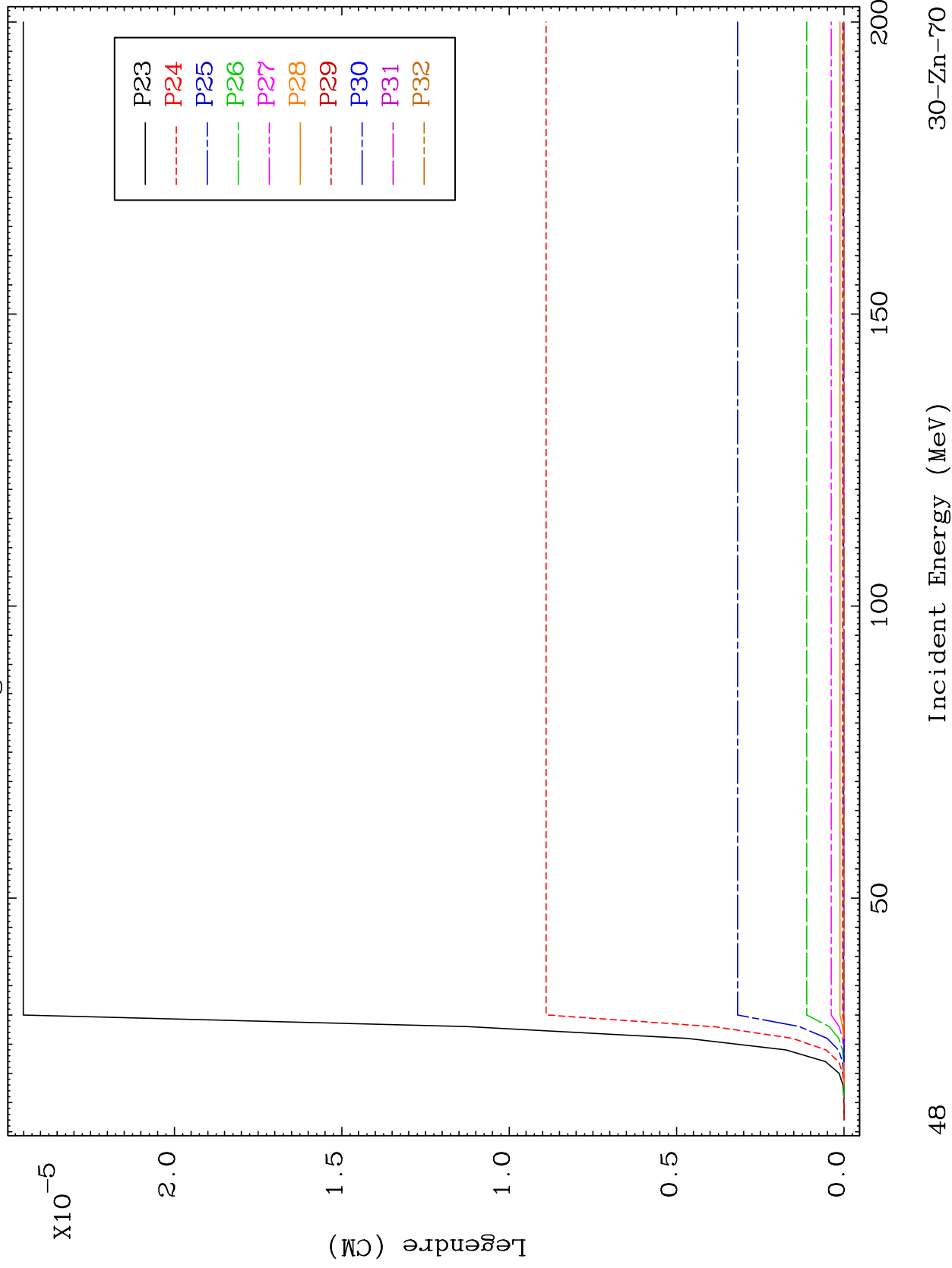
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

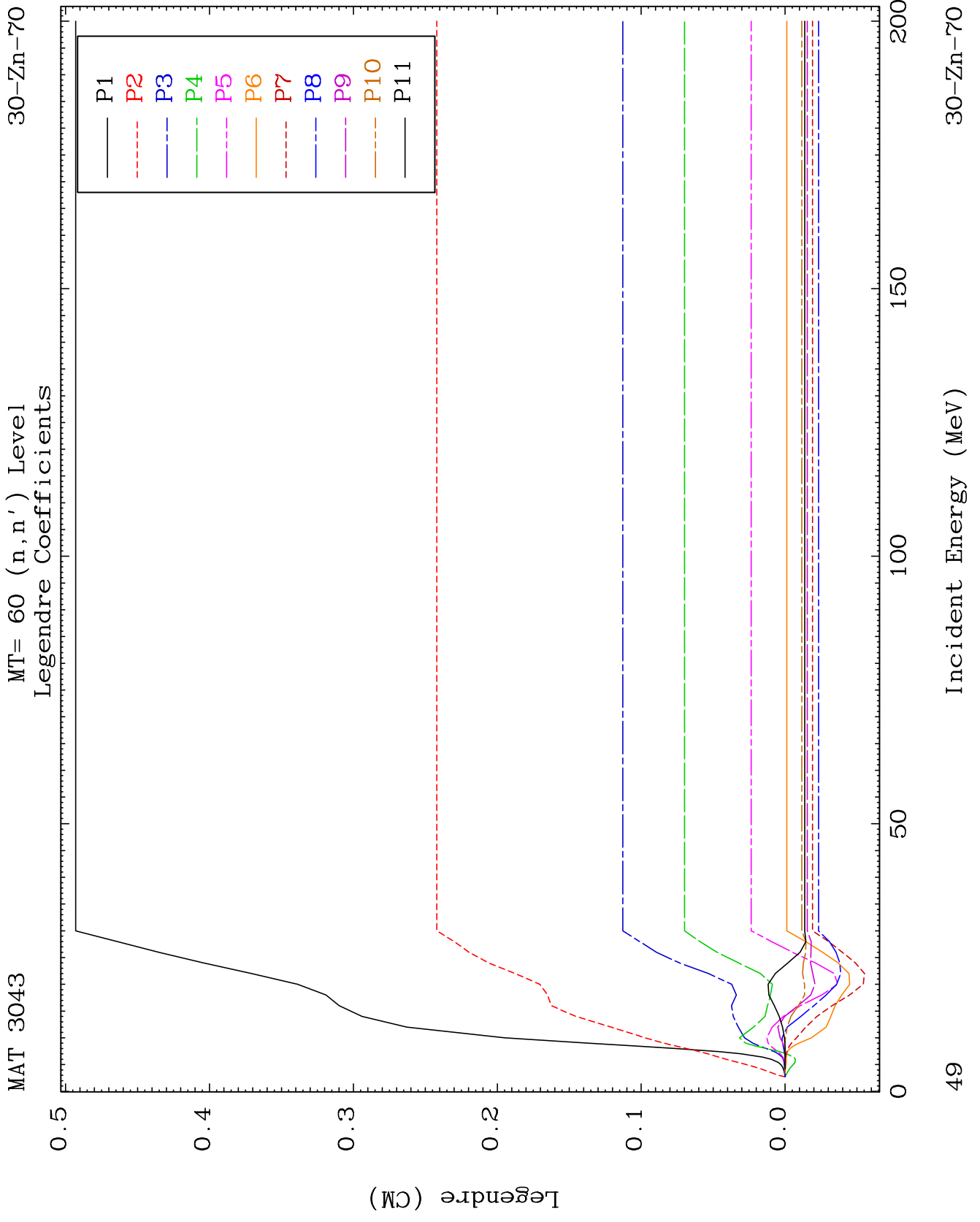
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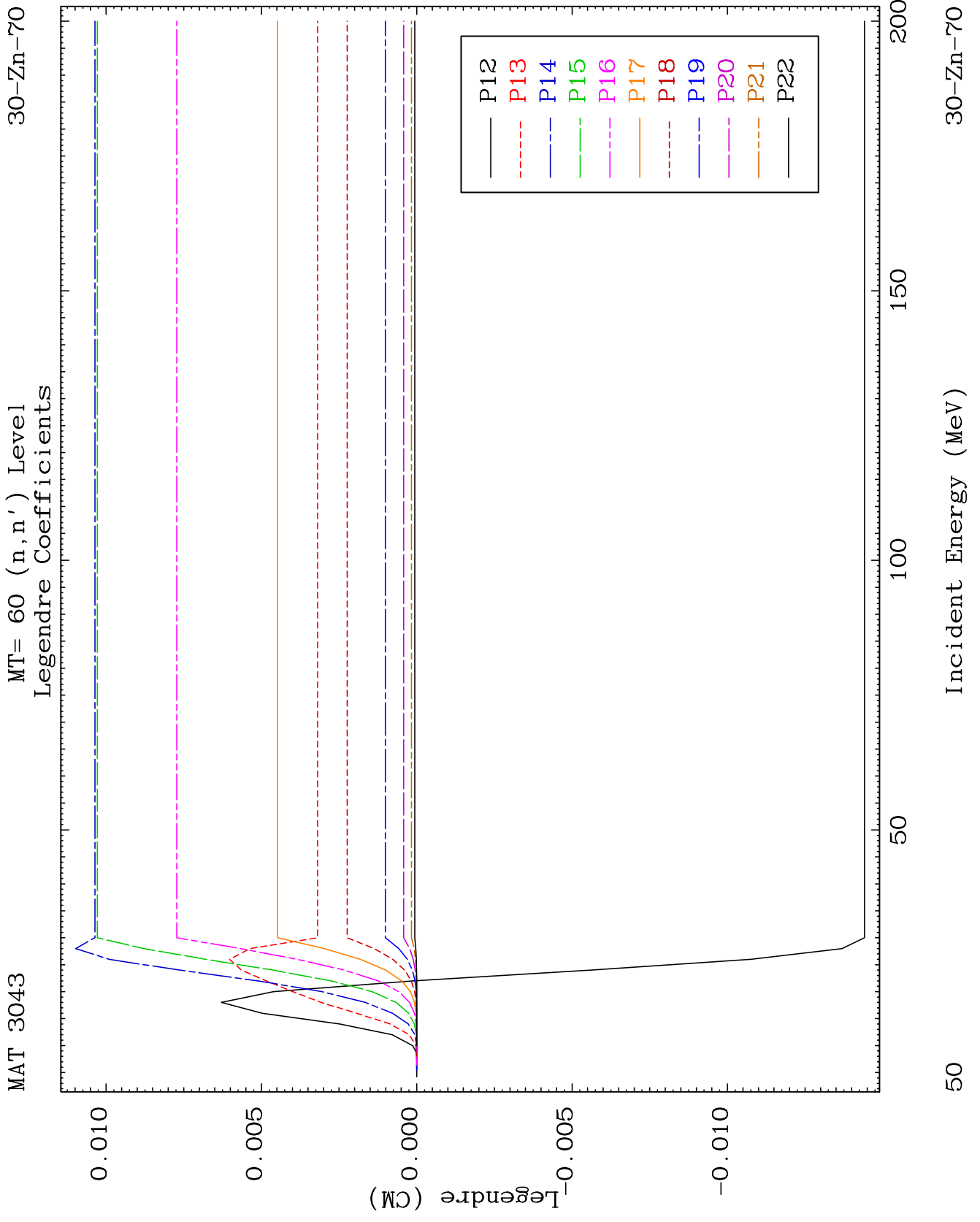


48

Incident Energy (MeV)

30-Zn-70

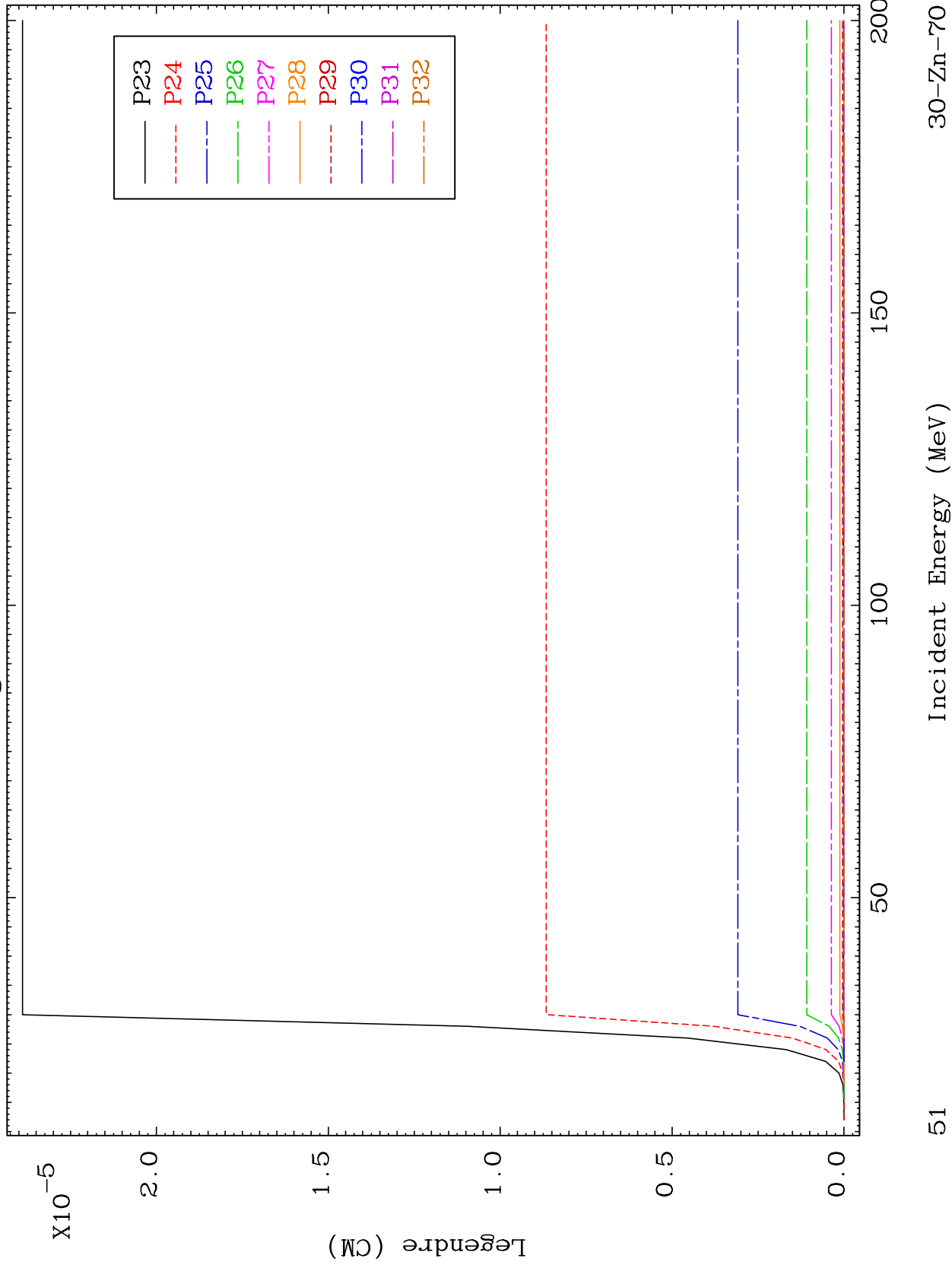




MAT 3043

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

30-Zn-70



51

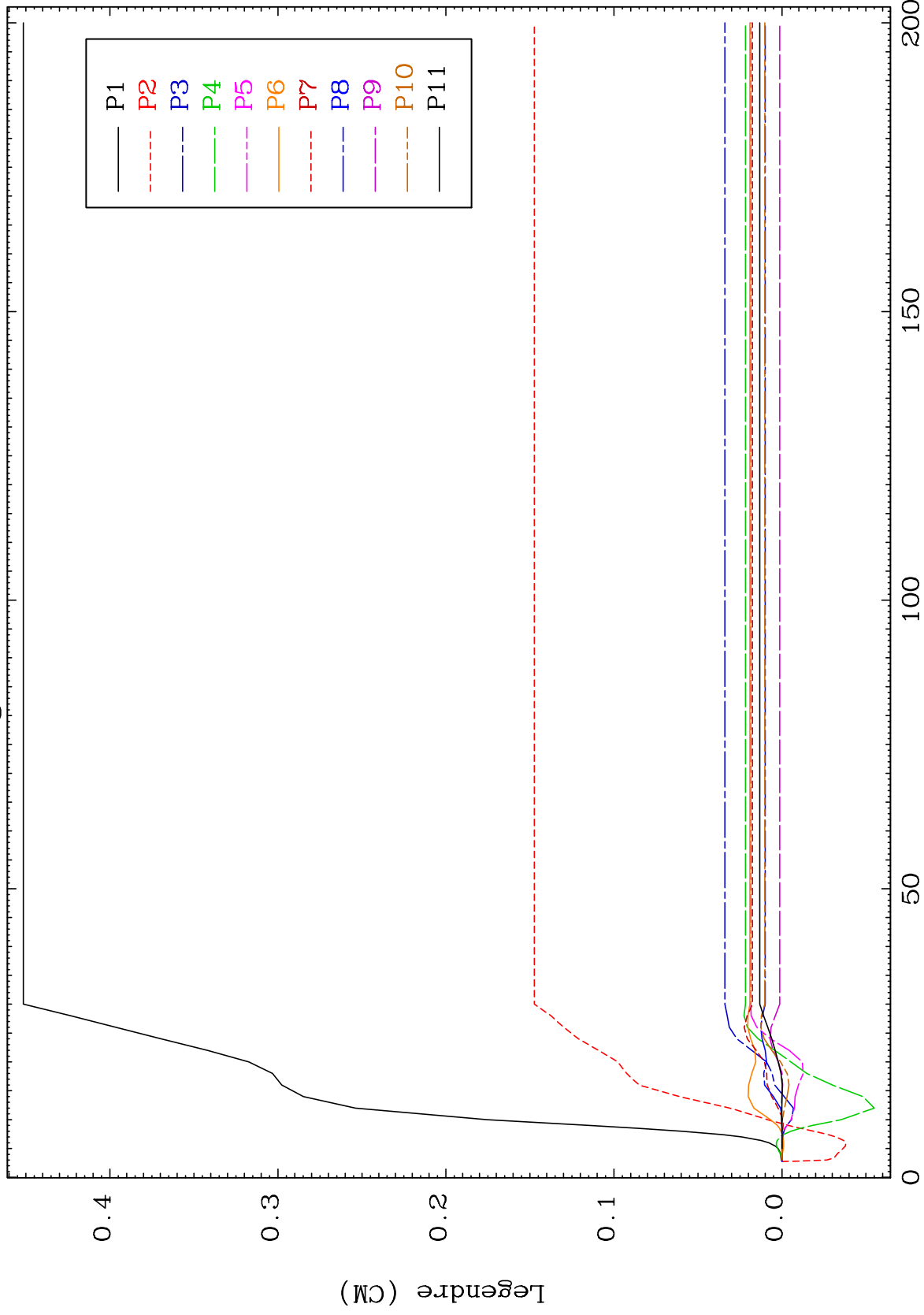
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

30-Zn-70



52

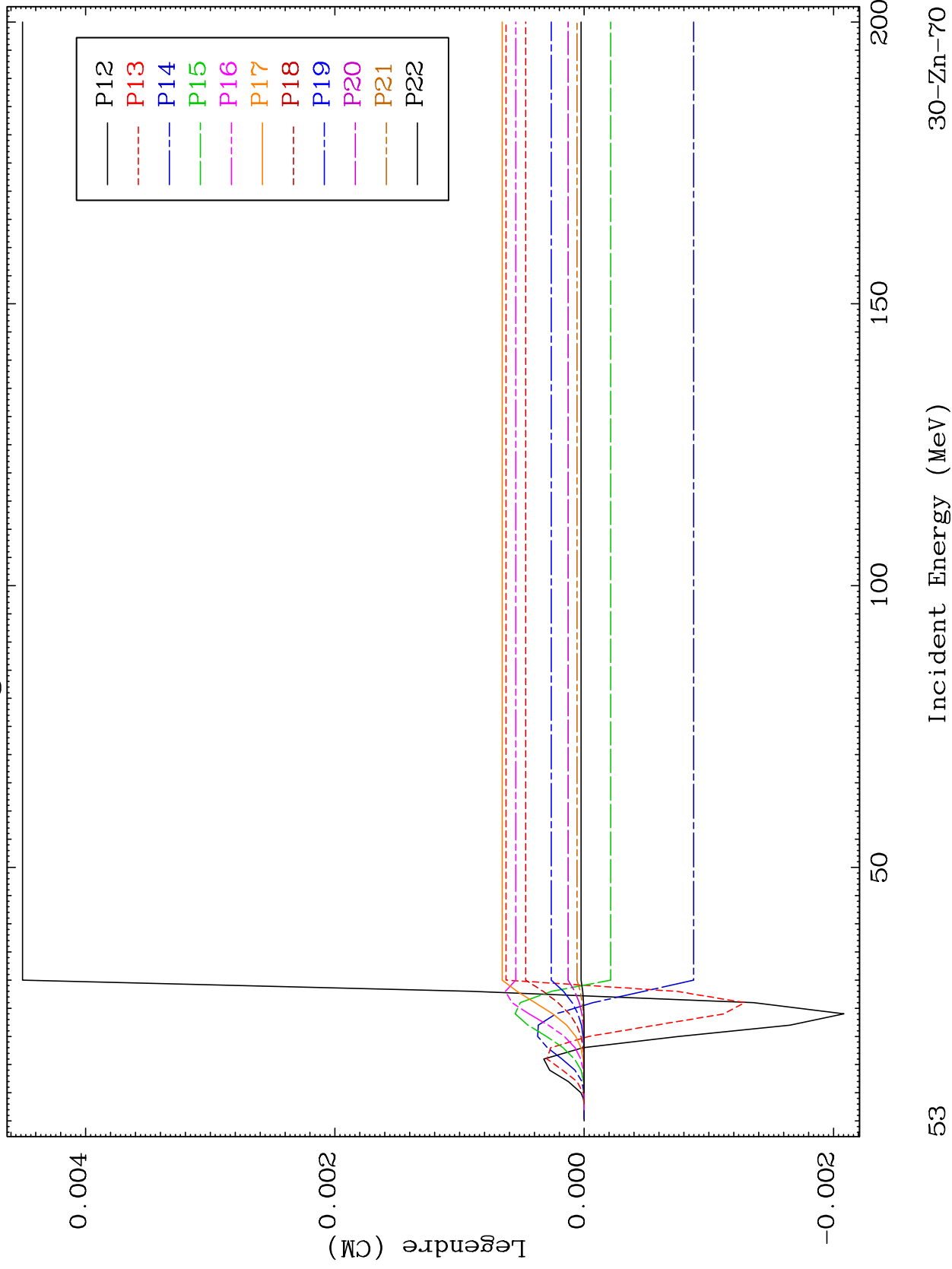
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

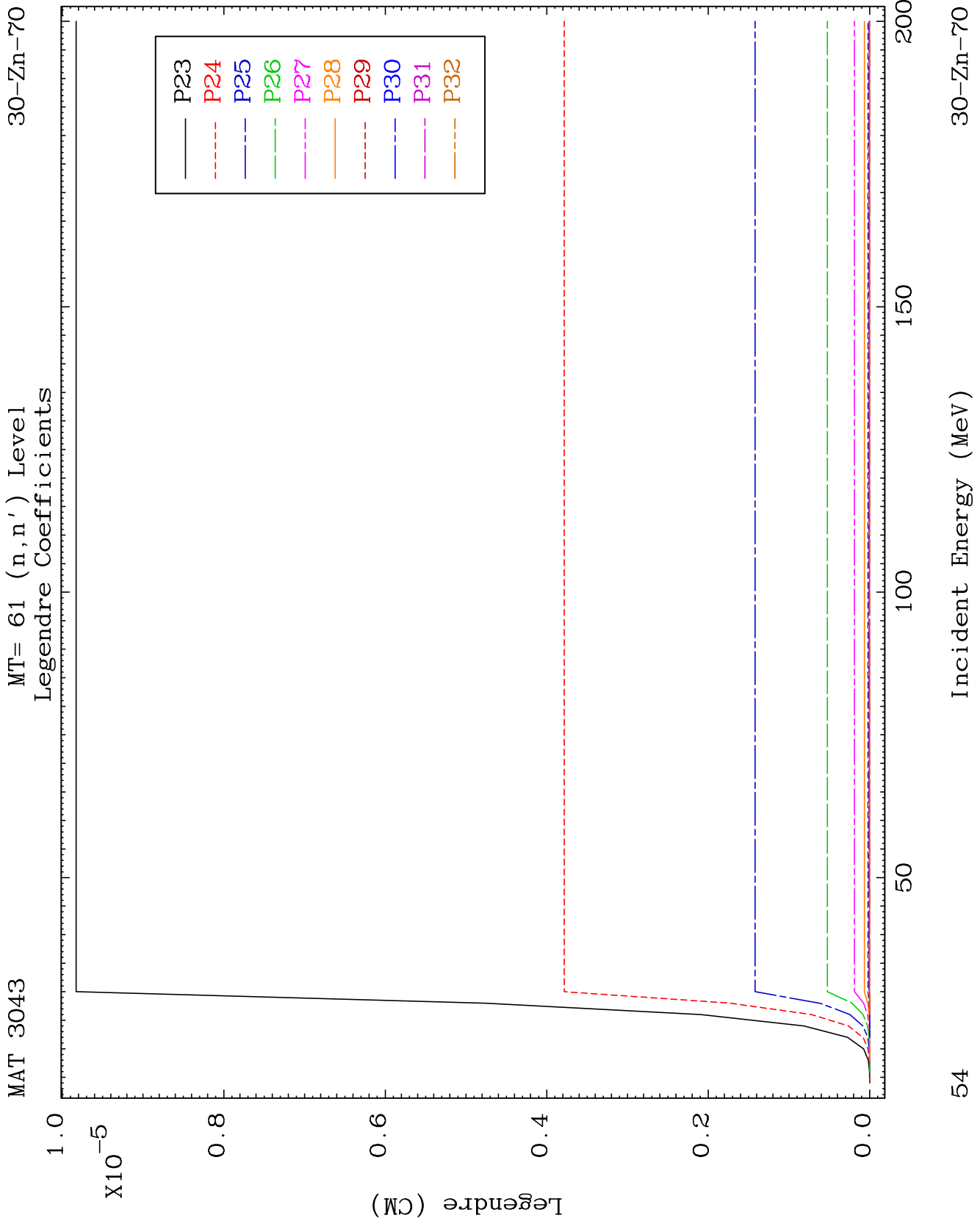
30-Zn-70



53

Incident Energy (MeV)

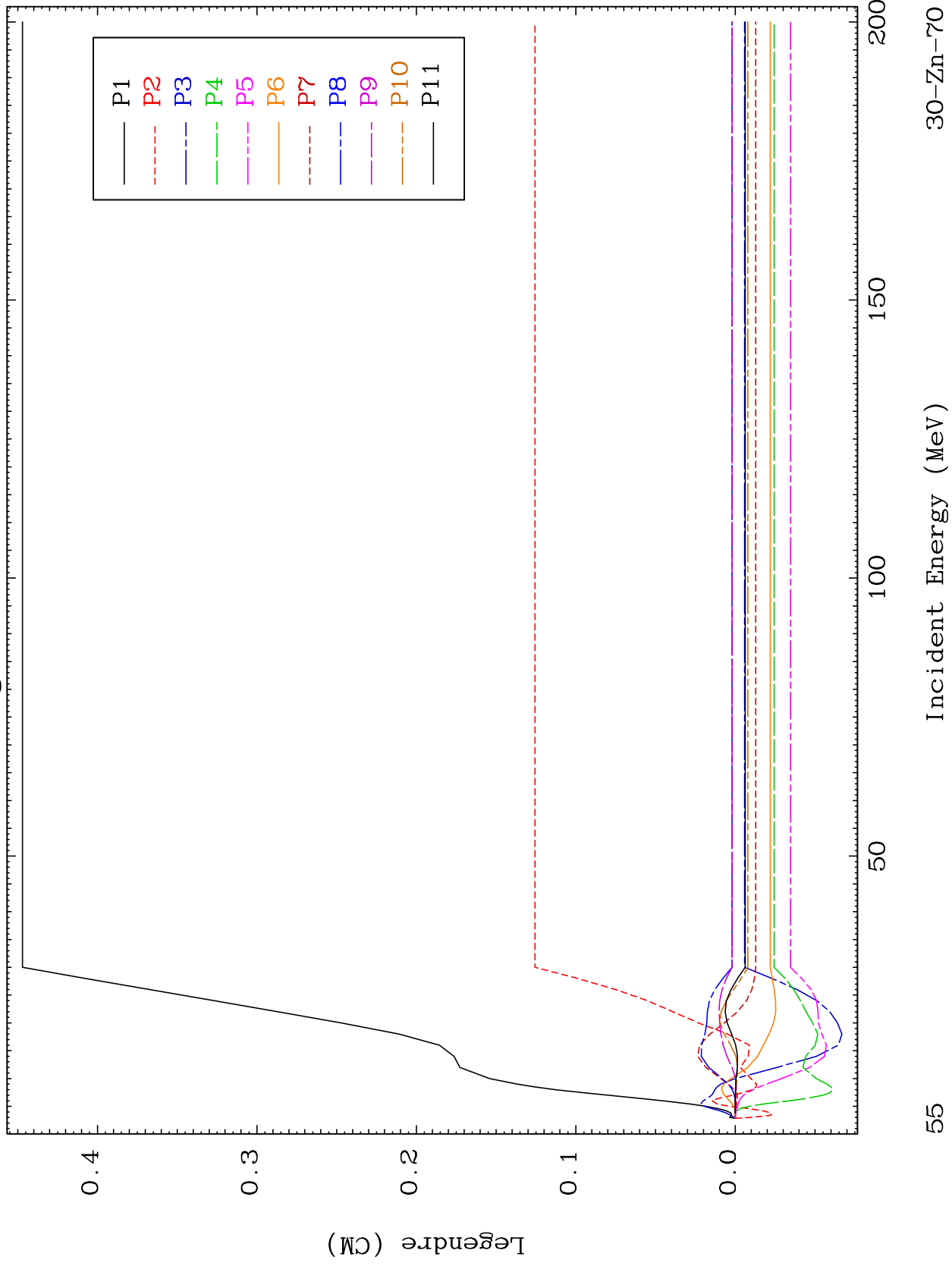
30-Zn-70



MAT 3043

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

30-Zn-70



55

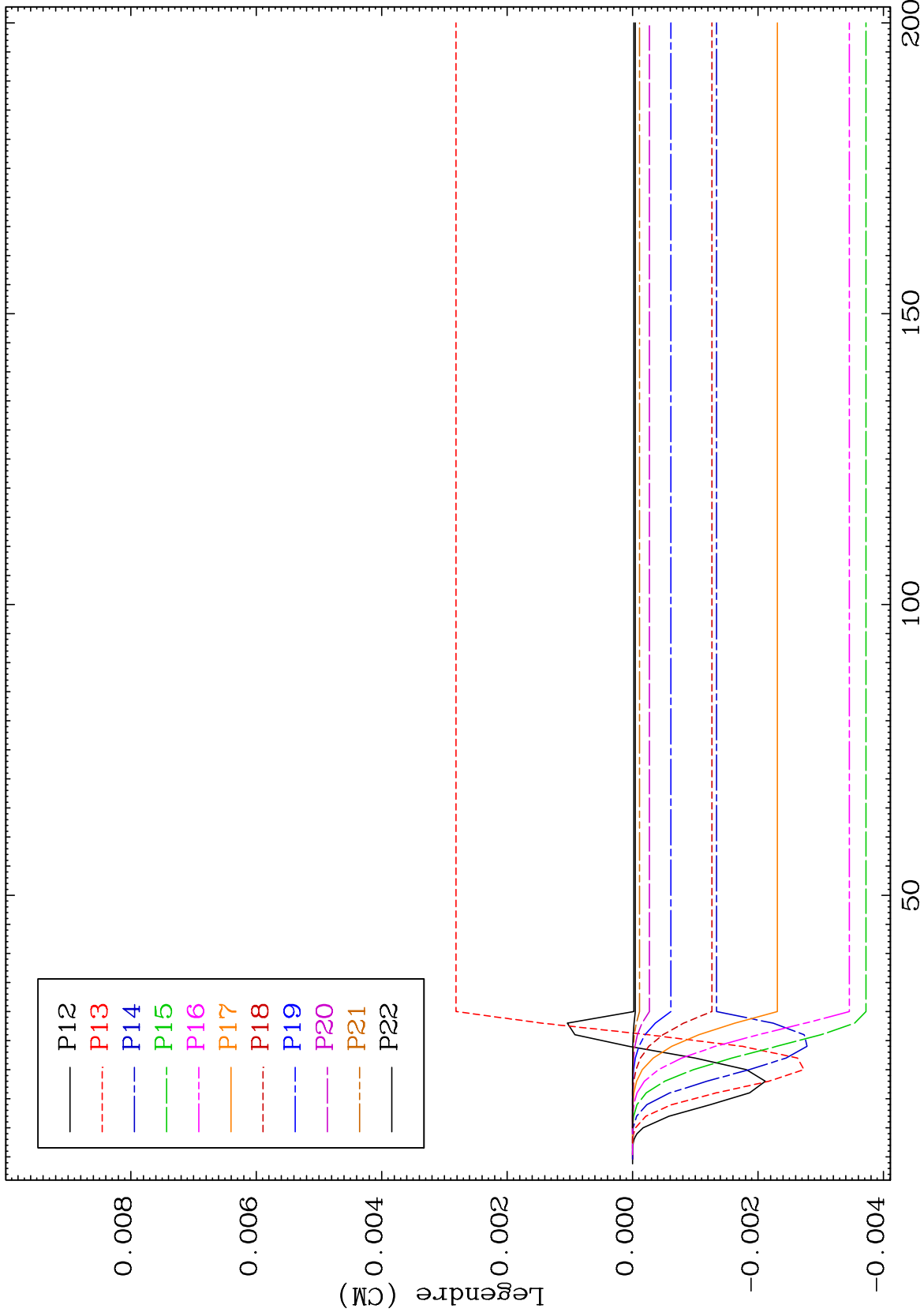
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

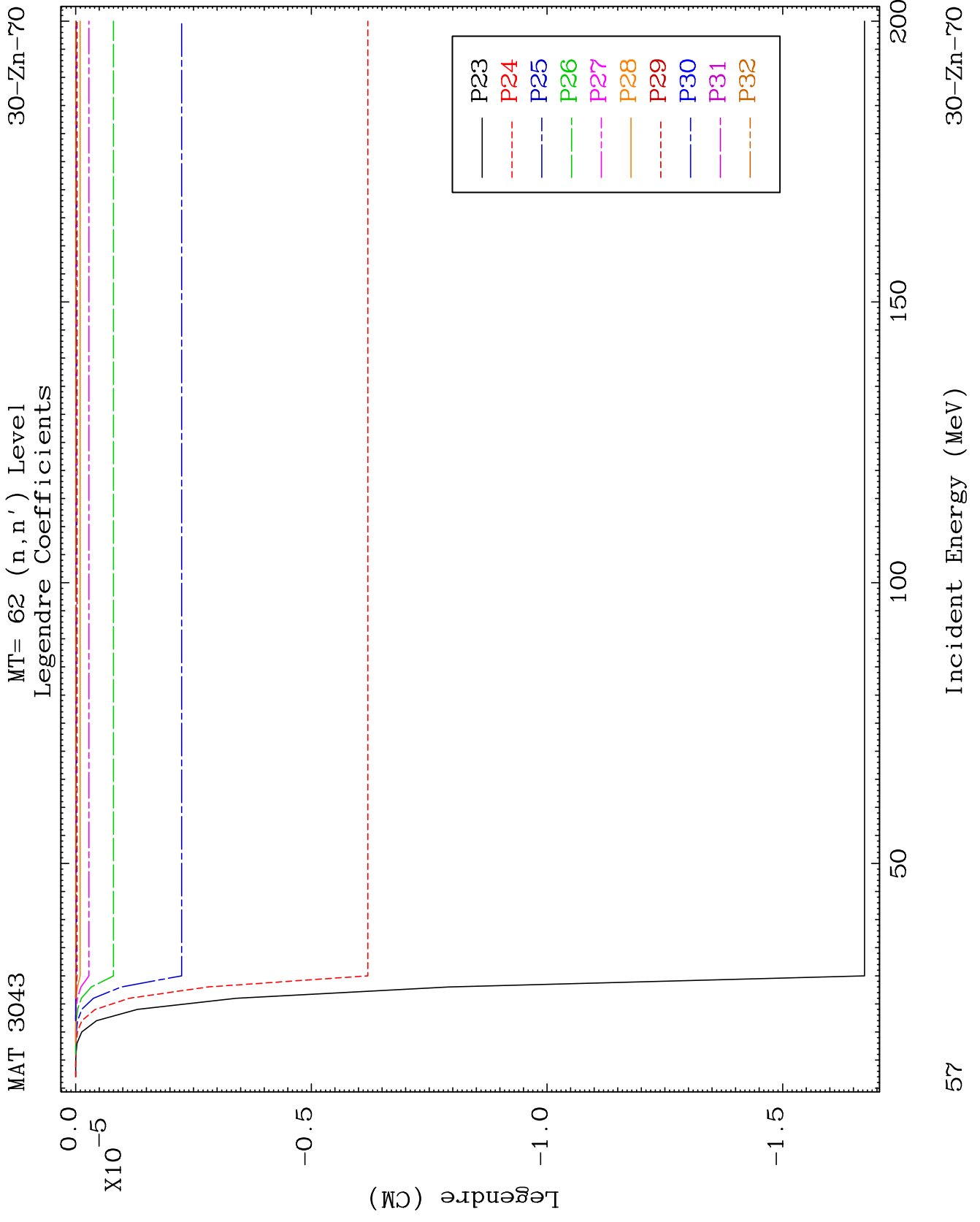
30-Zn-70



56

Incident Energy (MeV)

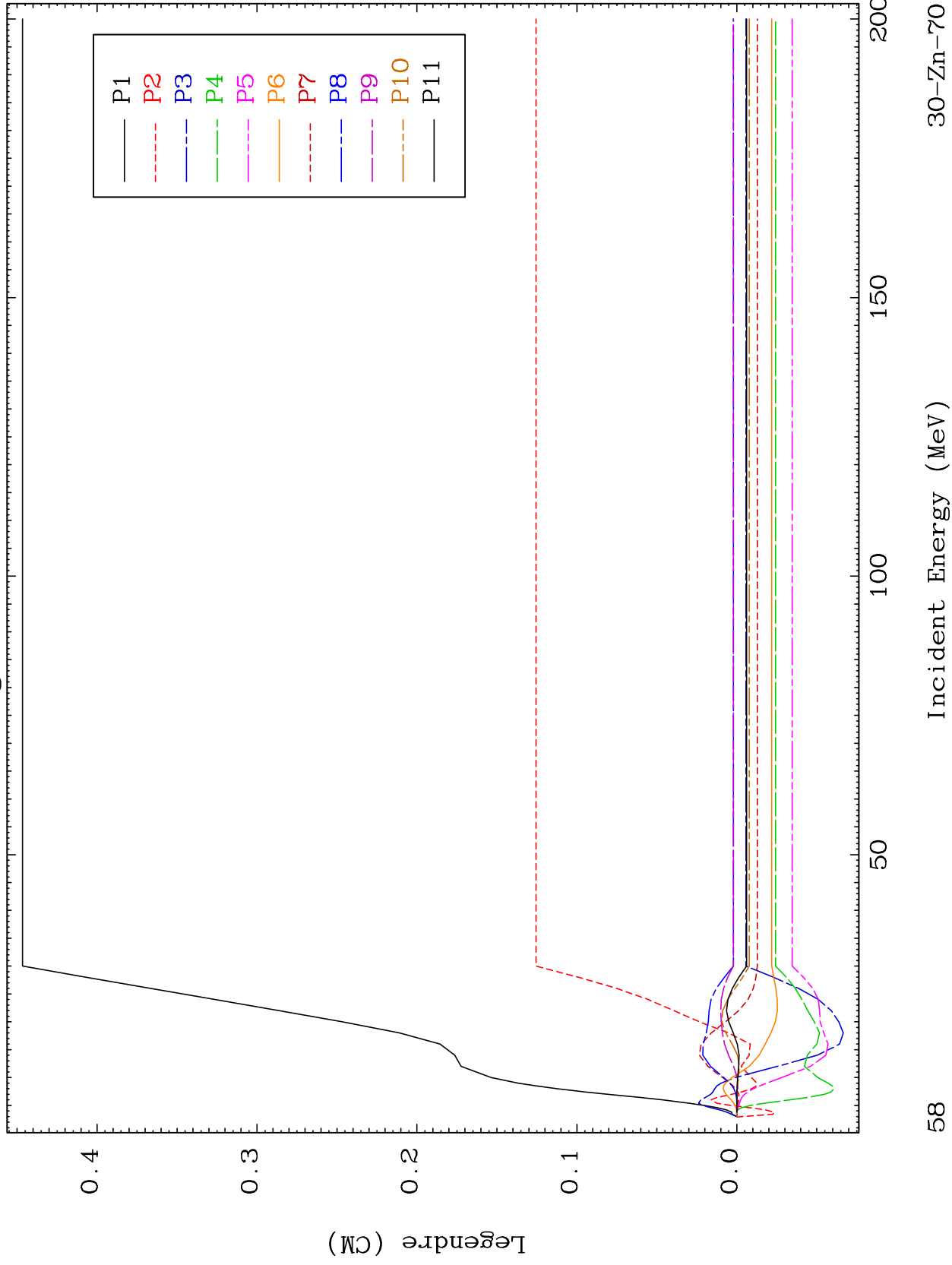
30-Zn-70



MAT 3043

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

30-Zn-70



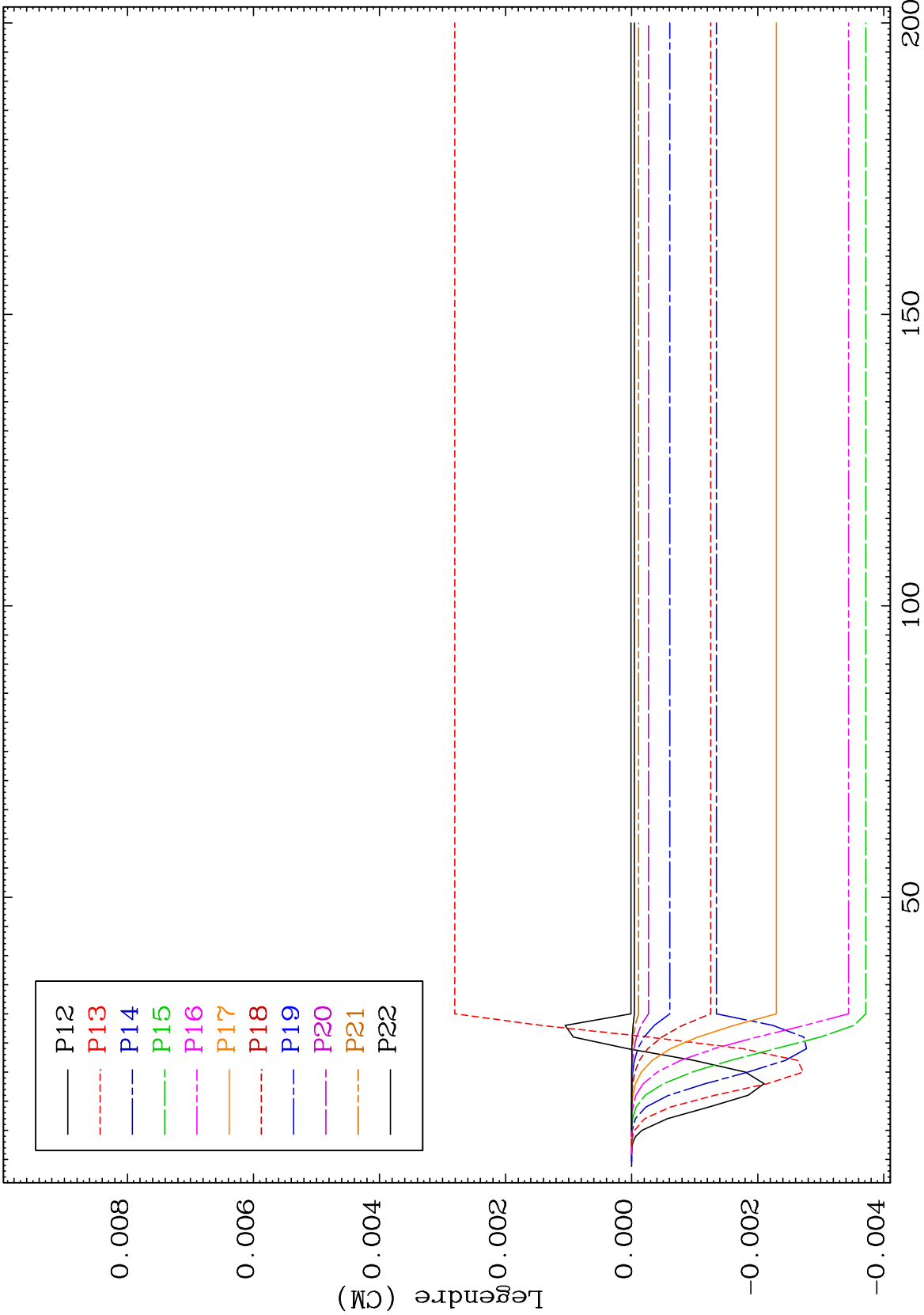
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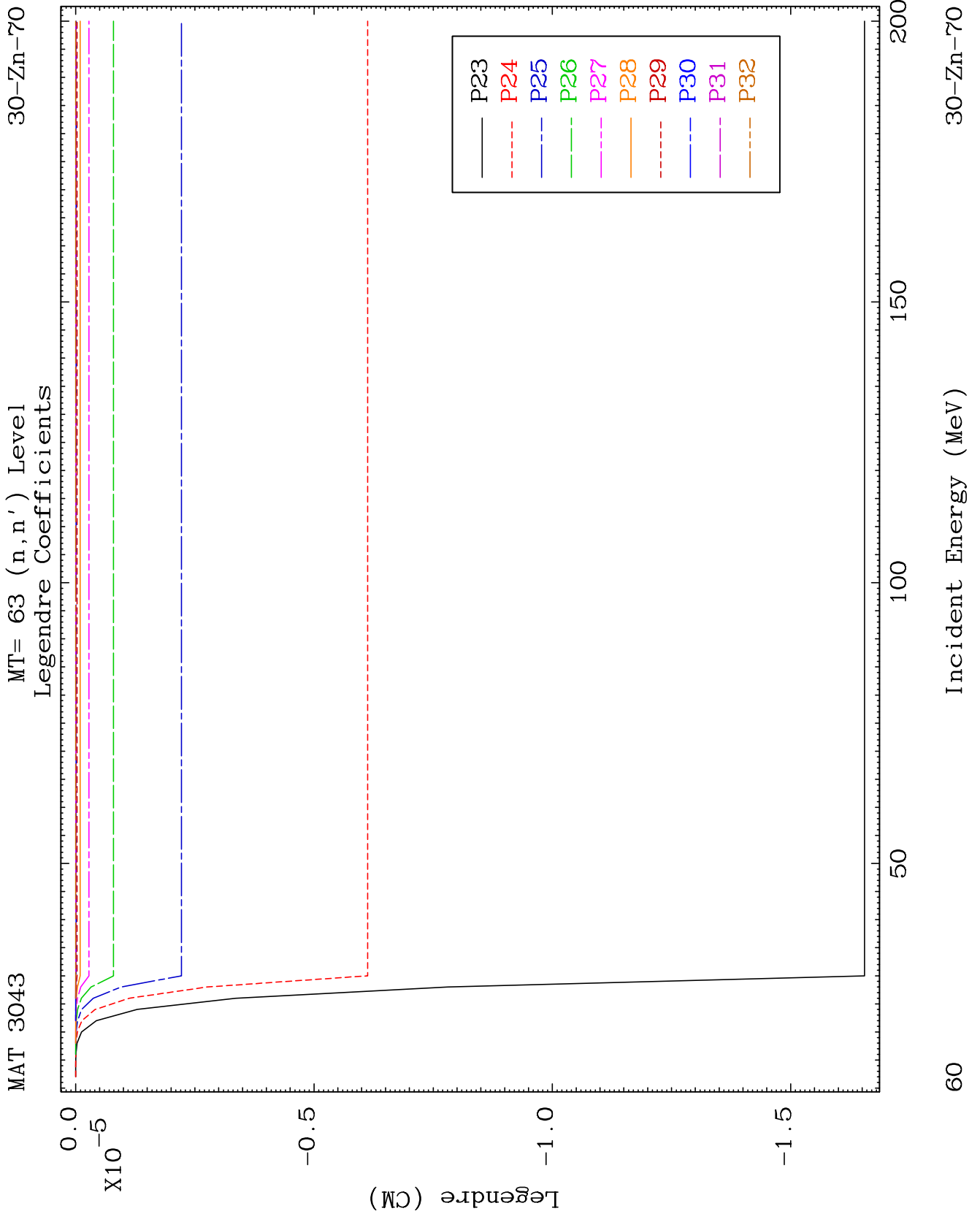
30-Zn-70

MAT 3043

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

30-Zn-70

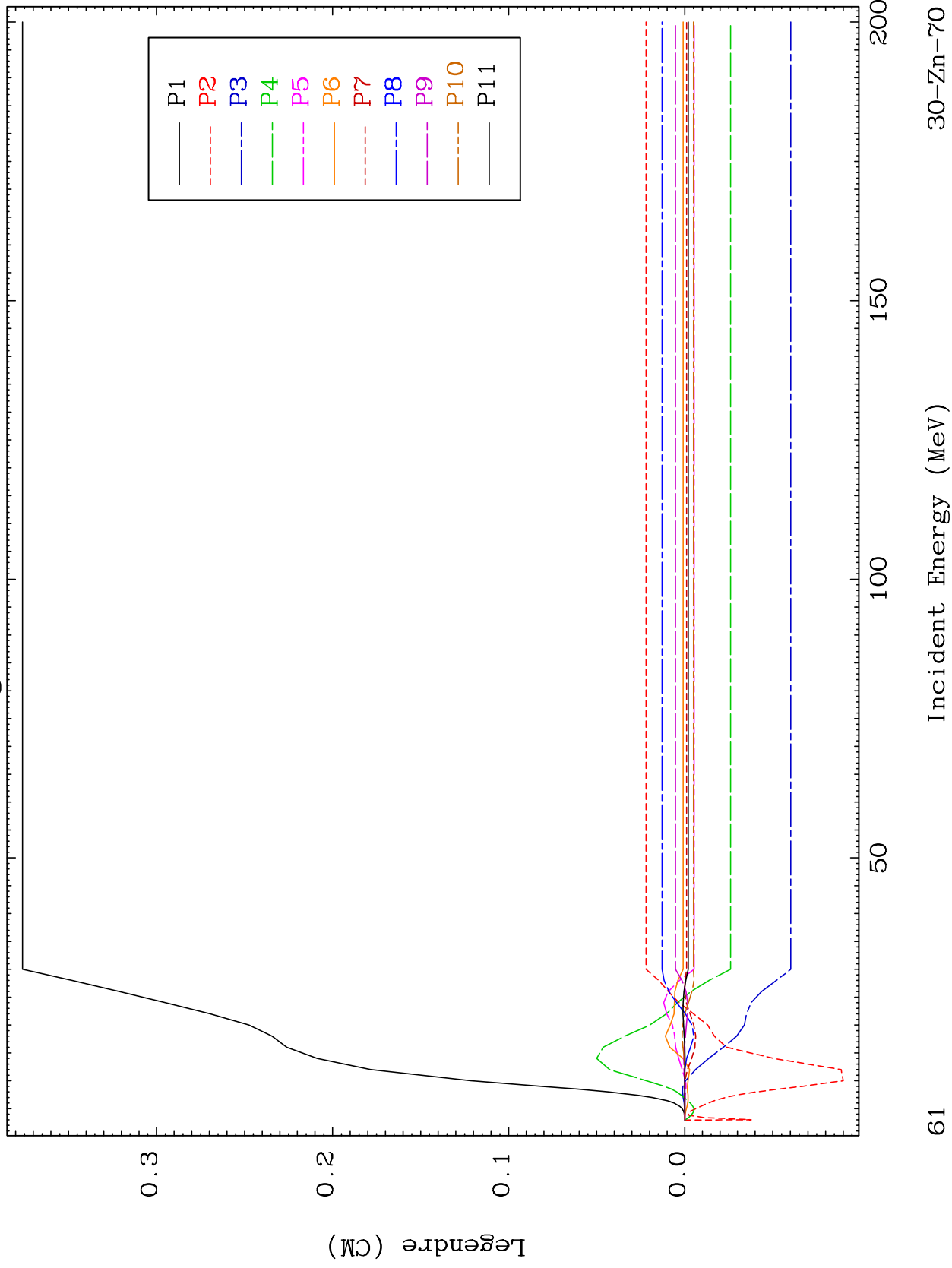




MAT 3043

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

30-Zn-70



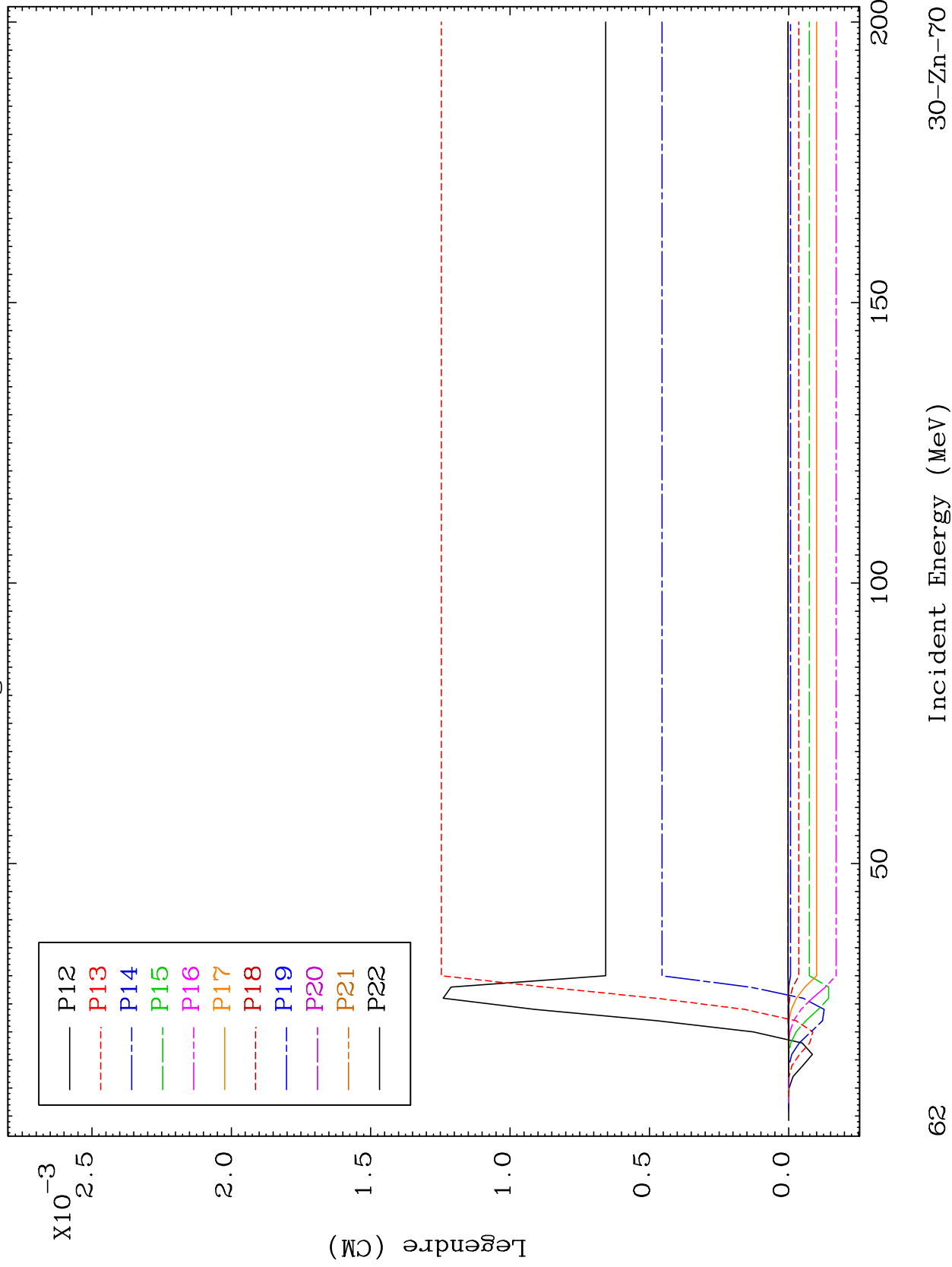
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30-Zn-70

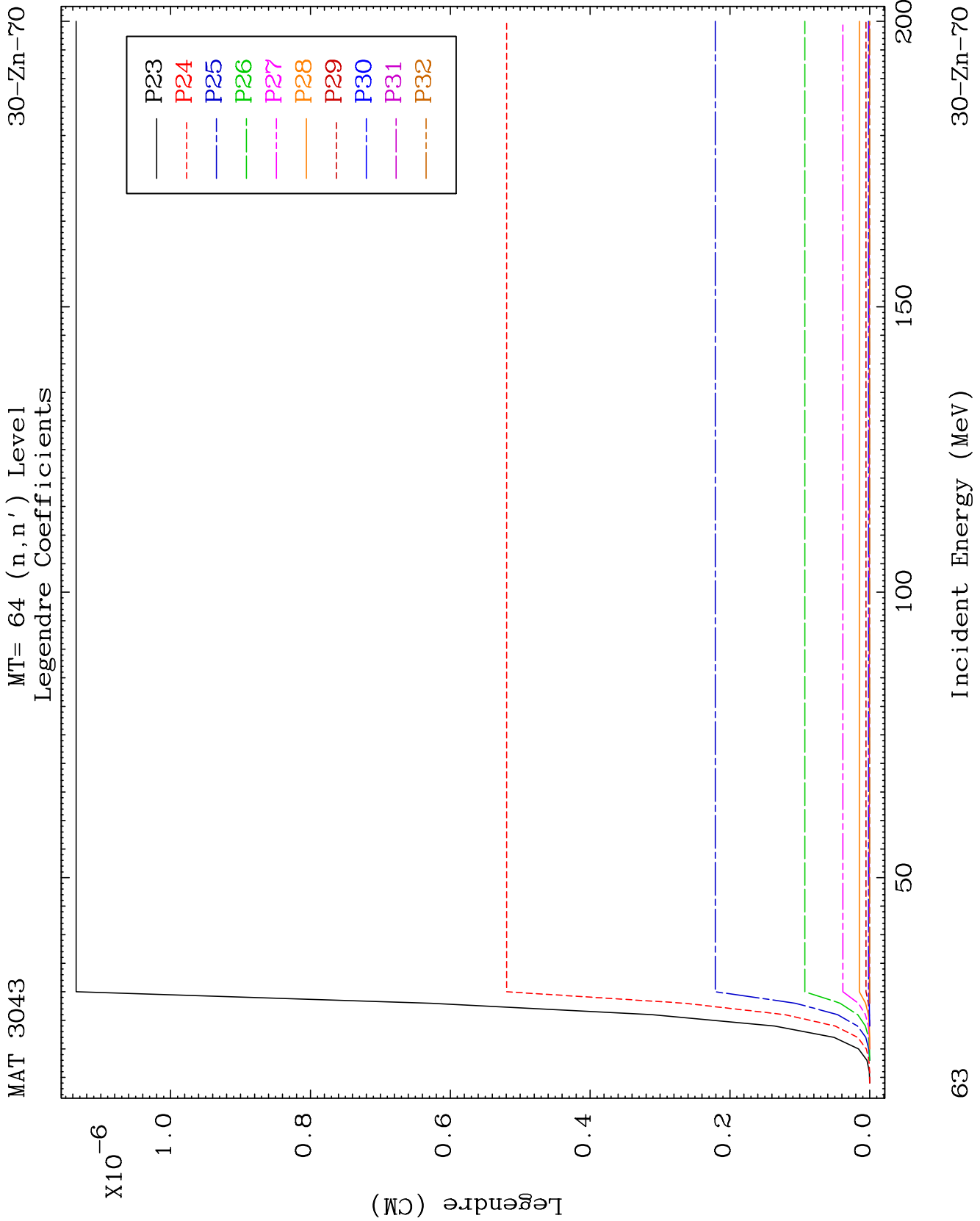
MAT 3043

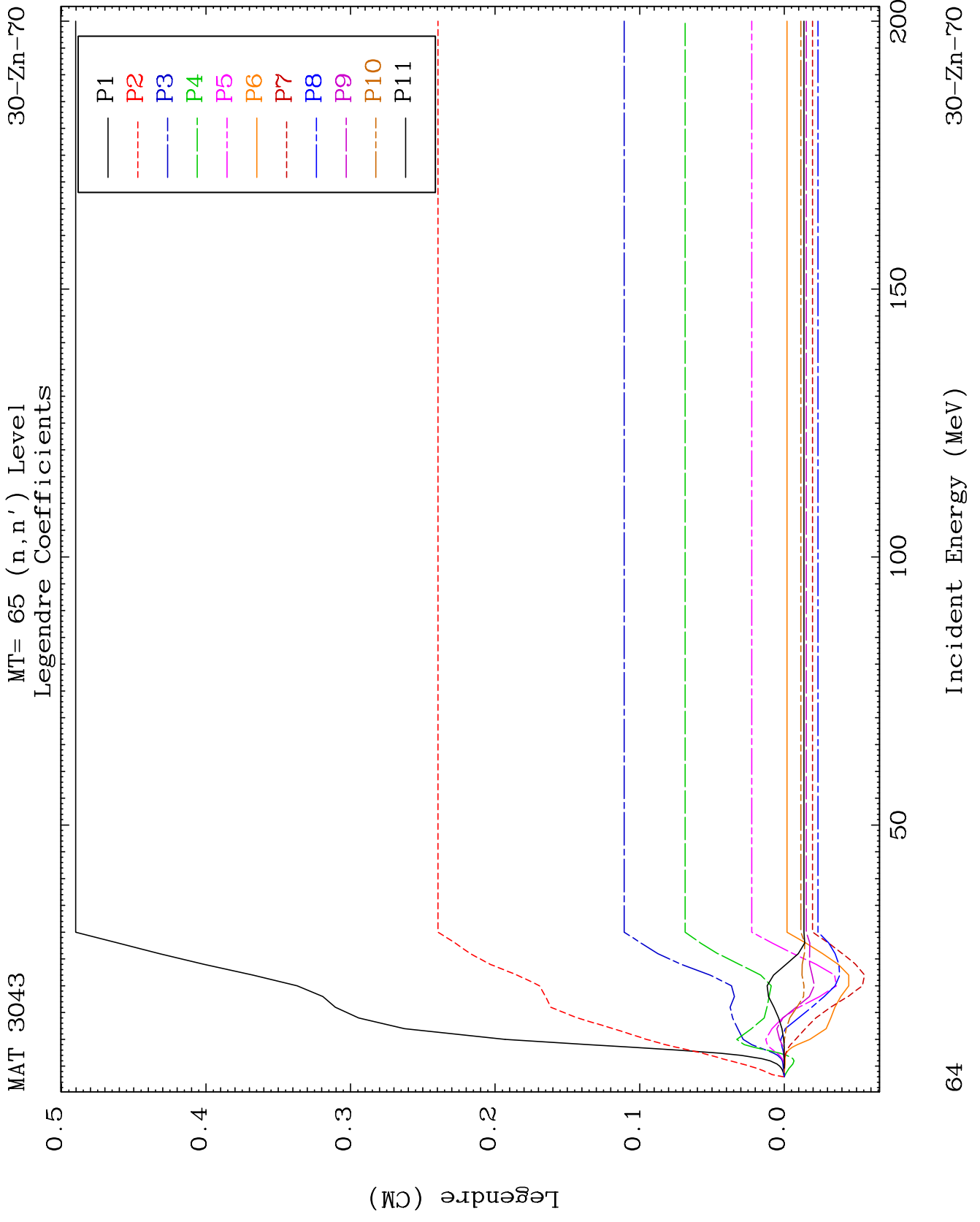
MT= 64 (n,n') Level
Legendre Coefficients

30-Zn-70



62

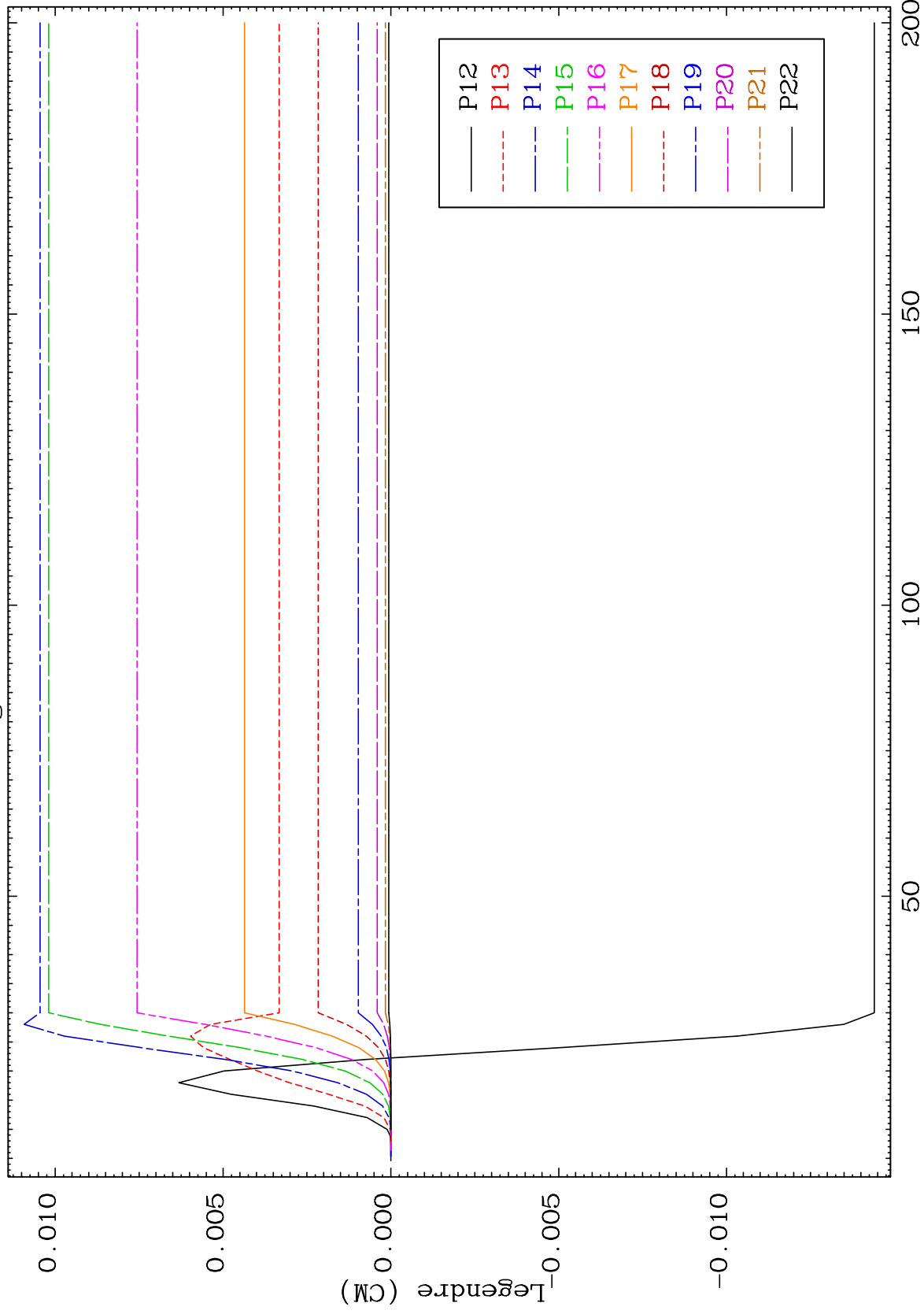




MAT 3043

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

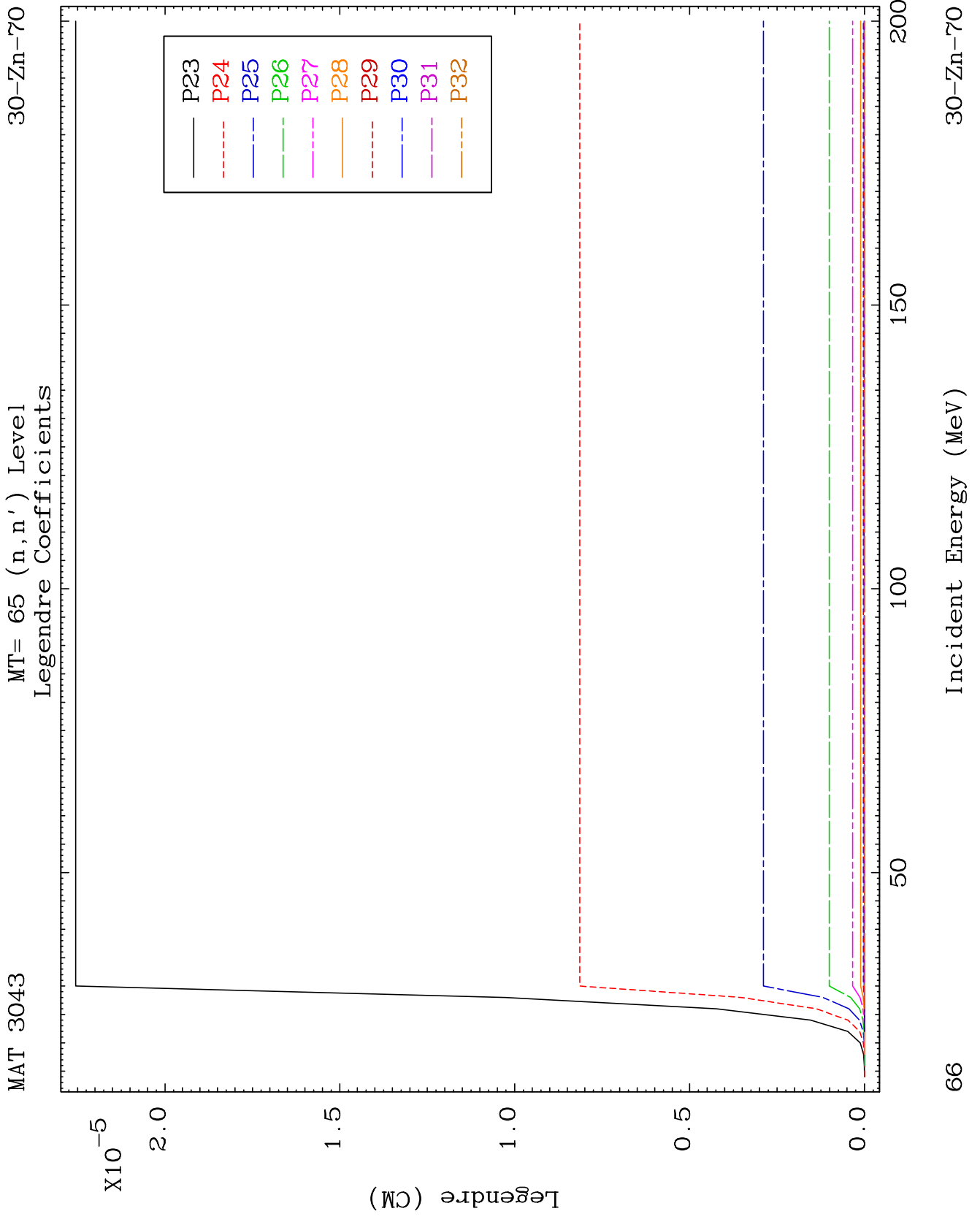
30-Zn-70

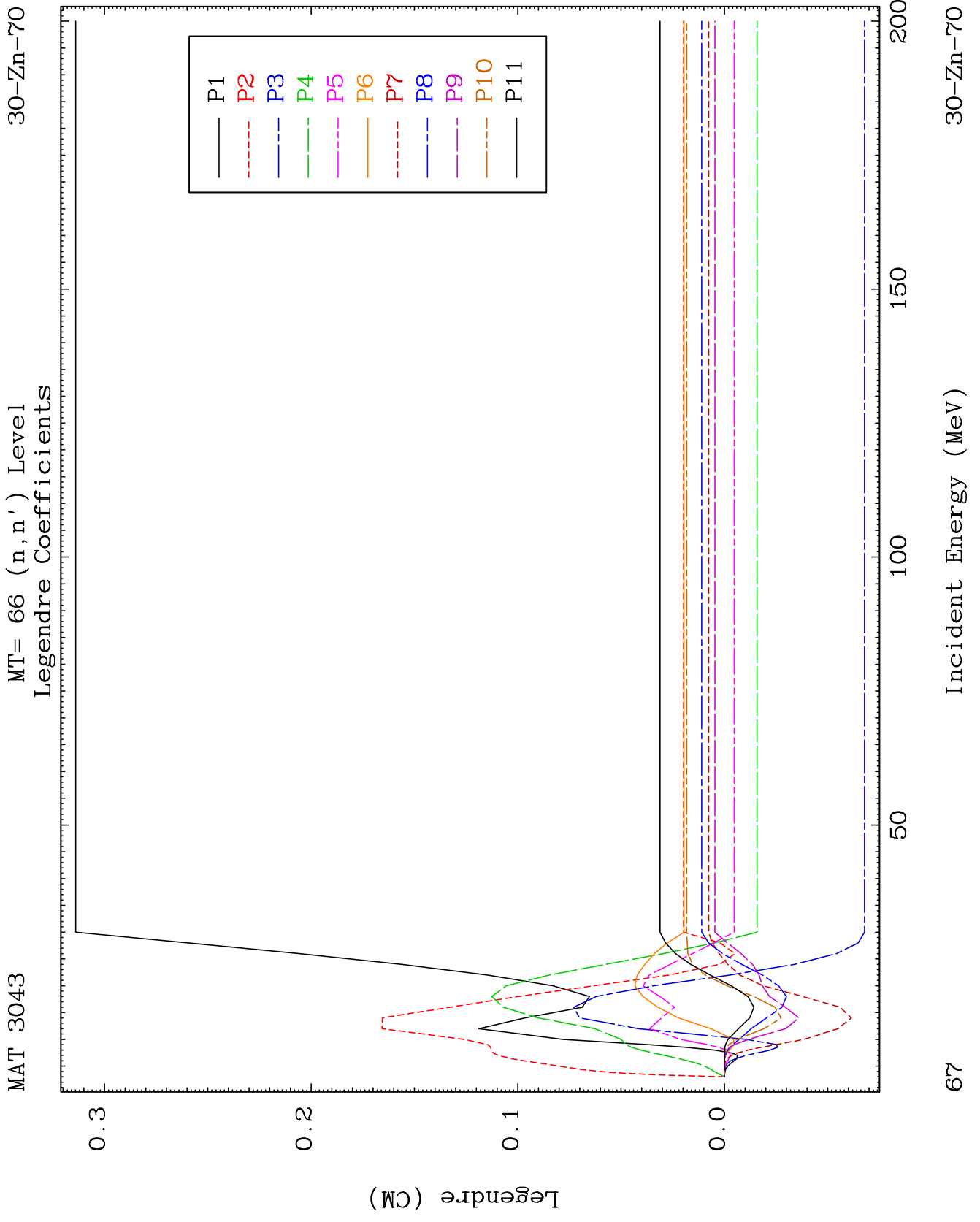


65

Incident Energy (MeV)

30-Zn-70

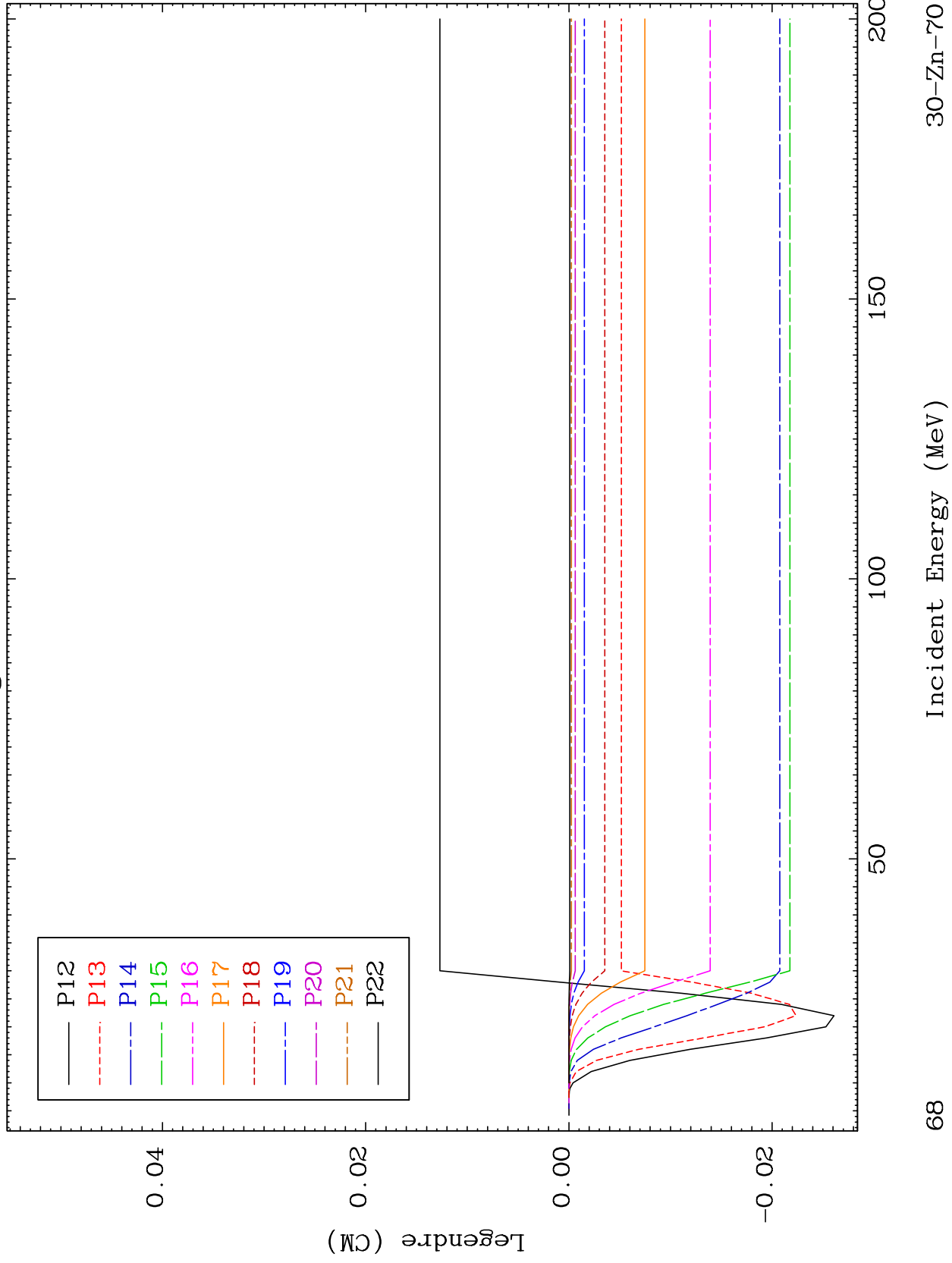




MAT 3043

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

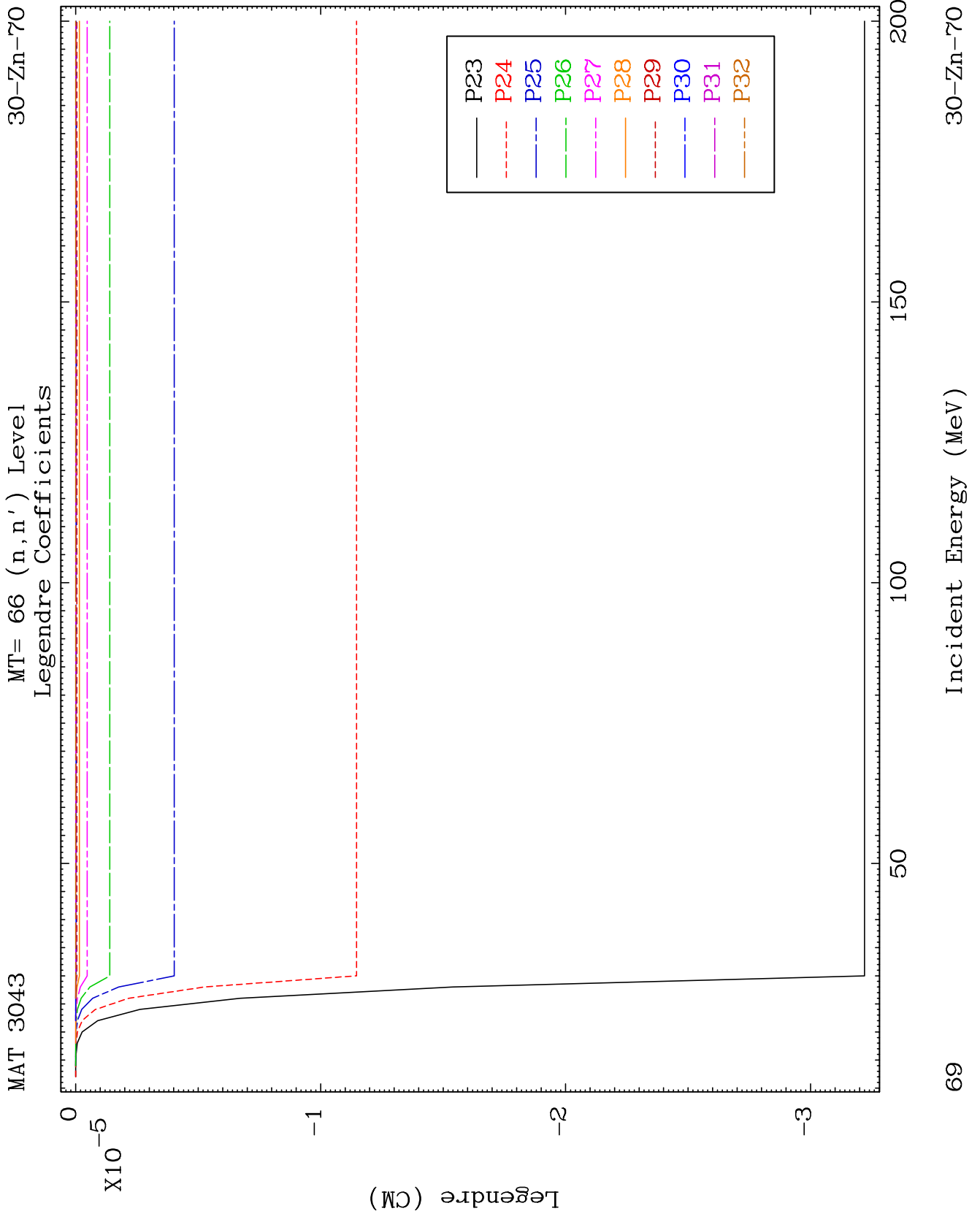
30-Zn-70



68

Incident Energy (MeV)

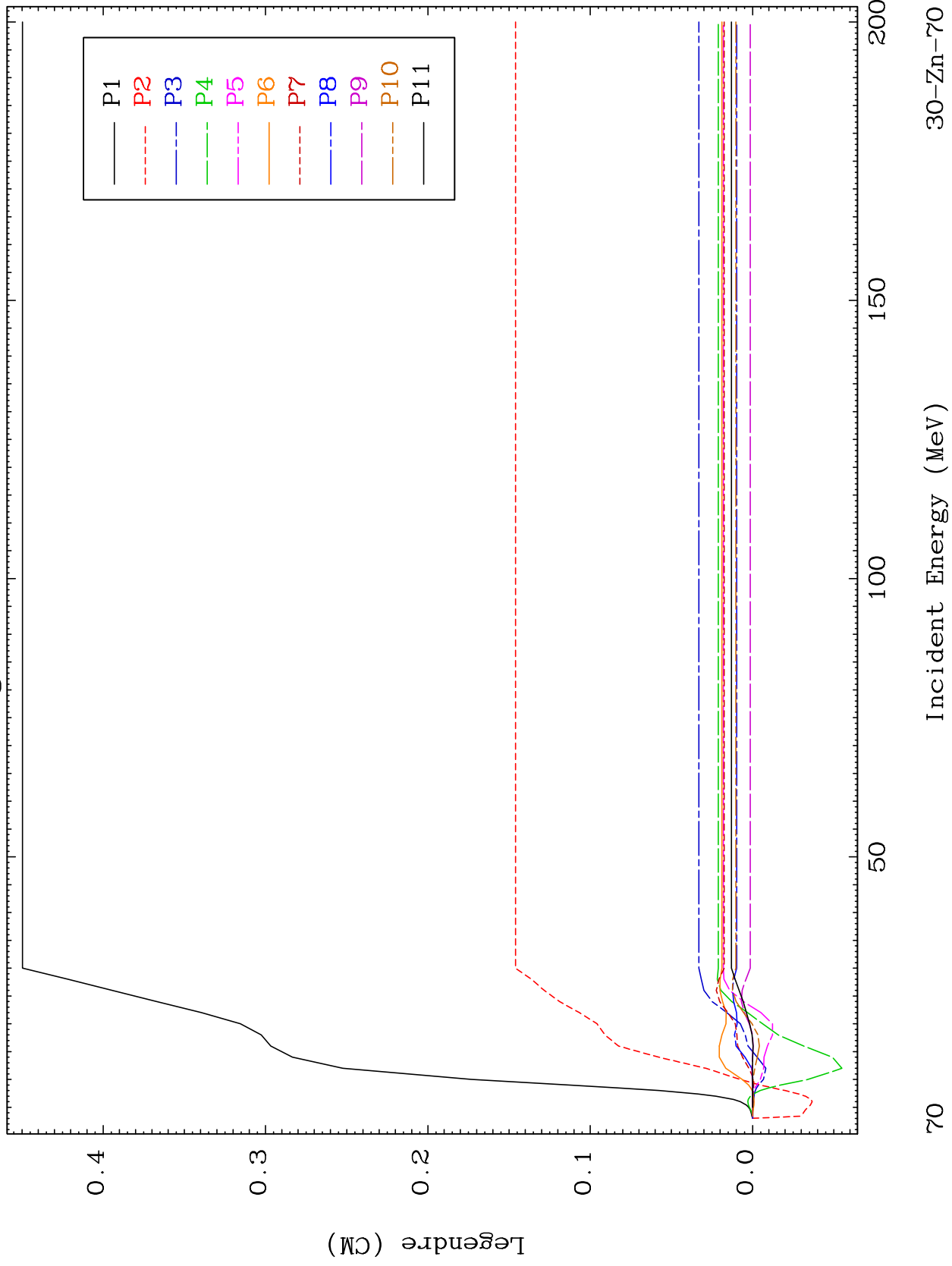
30-Zn-70



MAT 3043

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

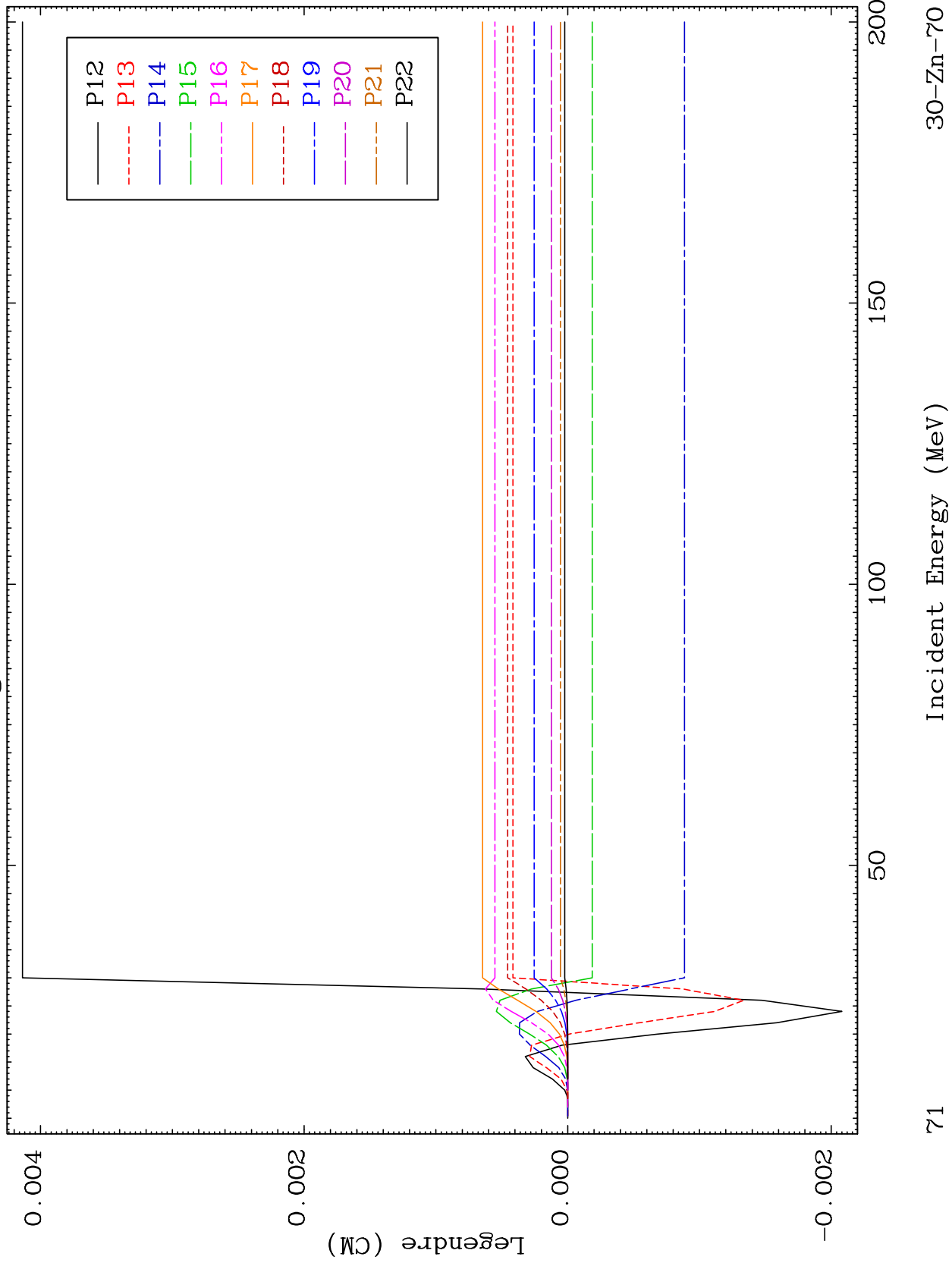
30-Zn-70



MAT 3043

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

30-Zn-70



71

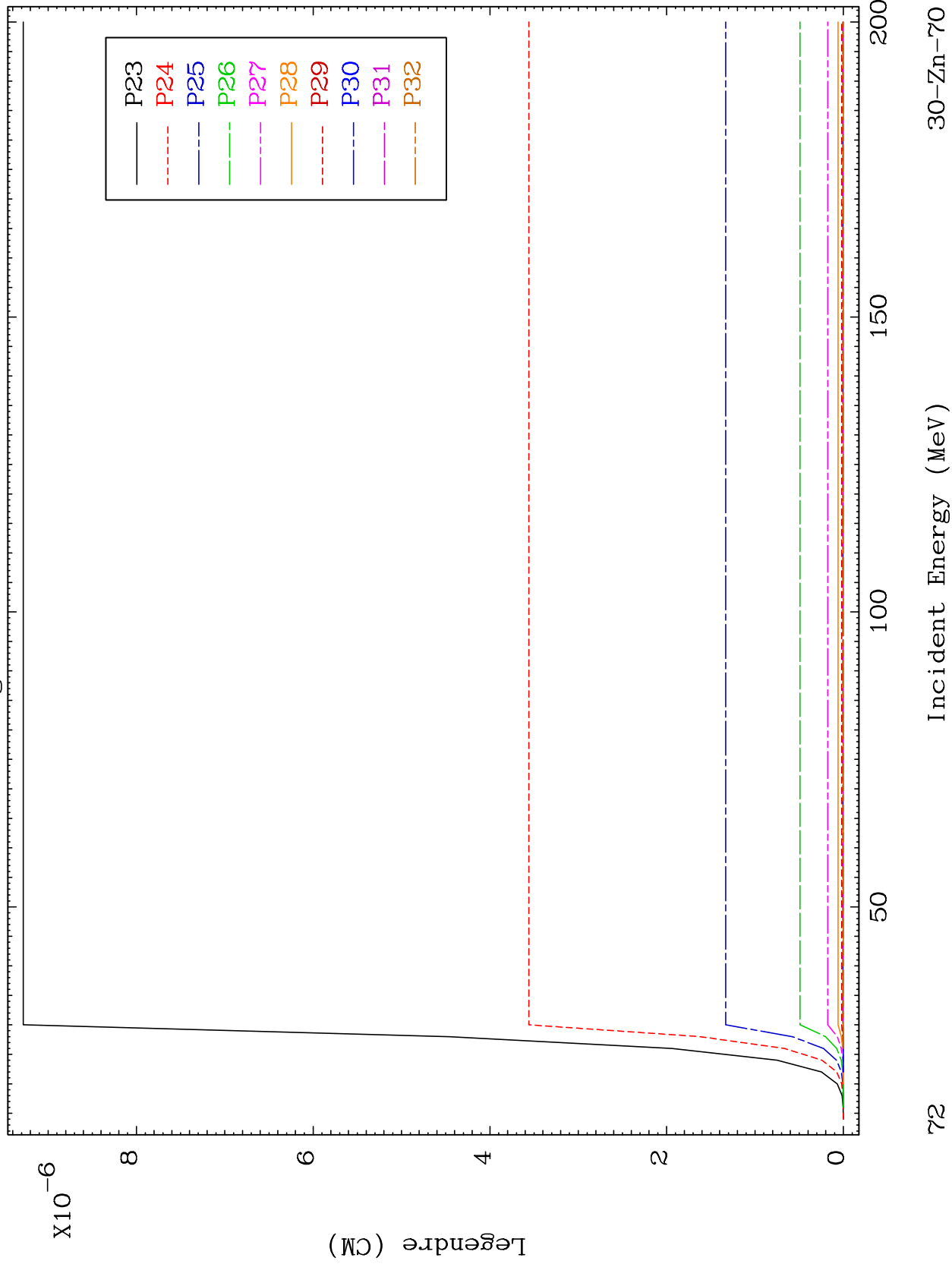
Incident Energy (MeV)

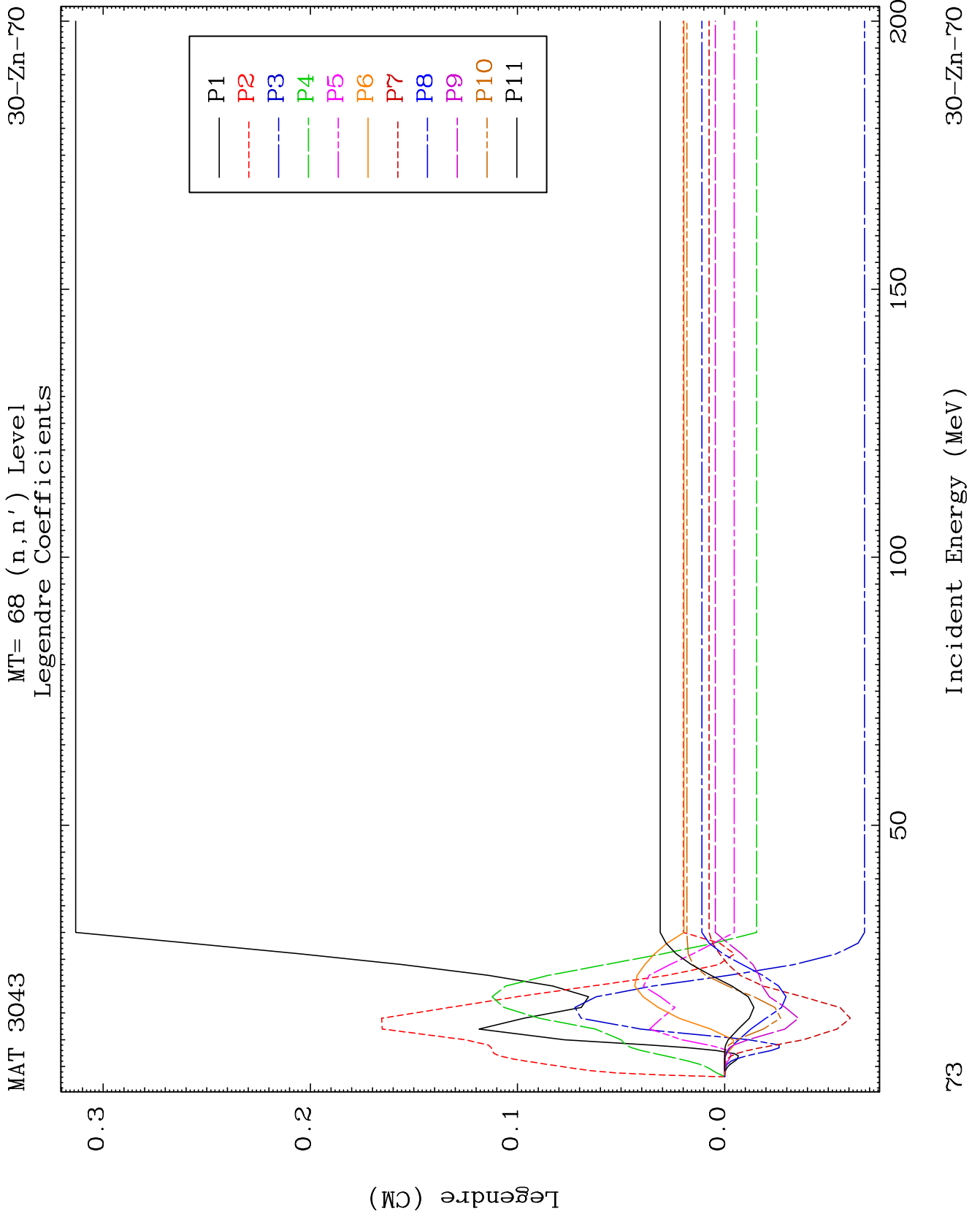
30-Zn-70

MAT 3043

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

30-Zn-70

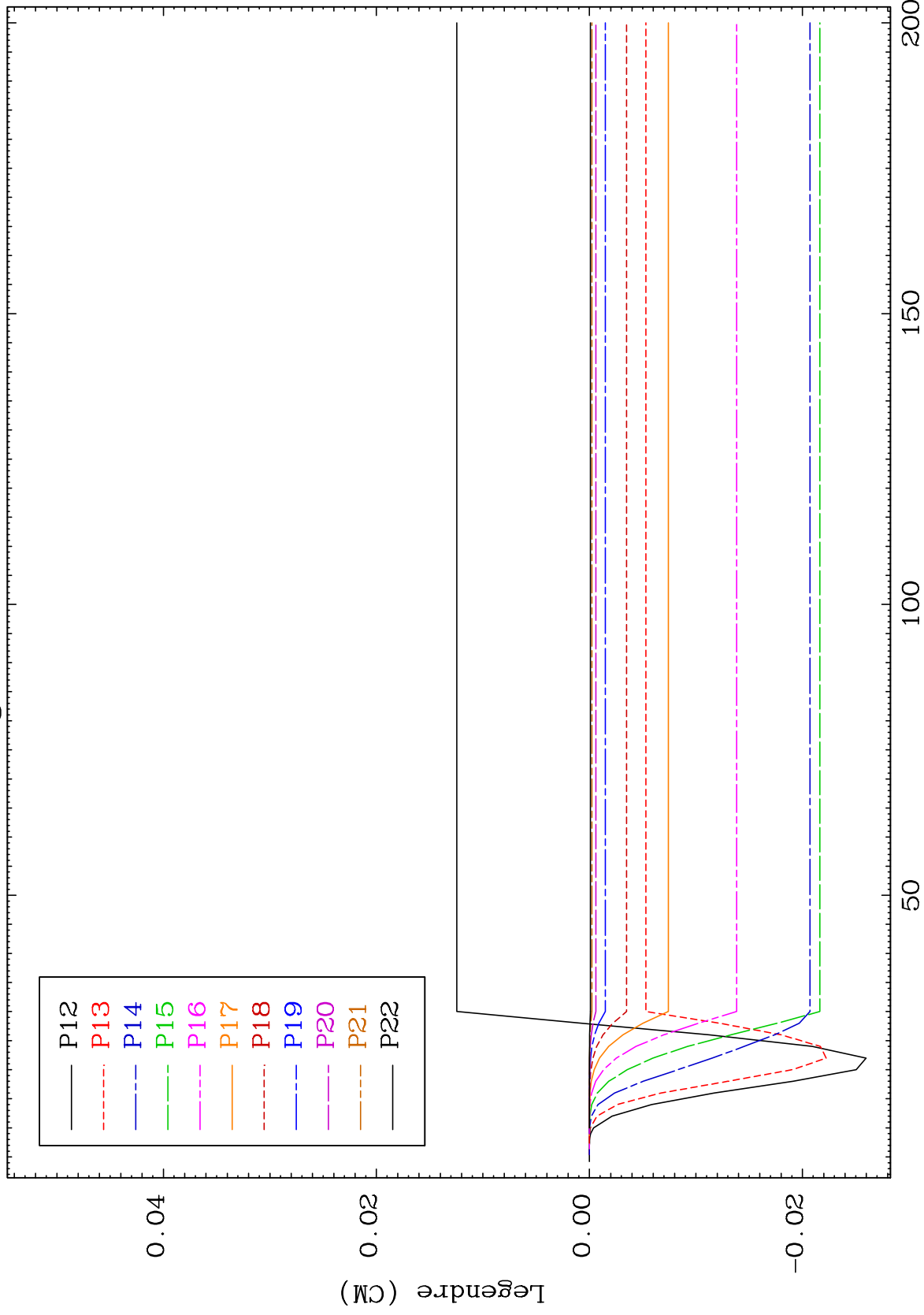




MAT 3043

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

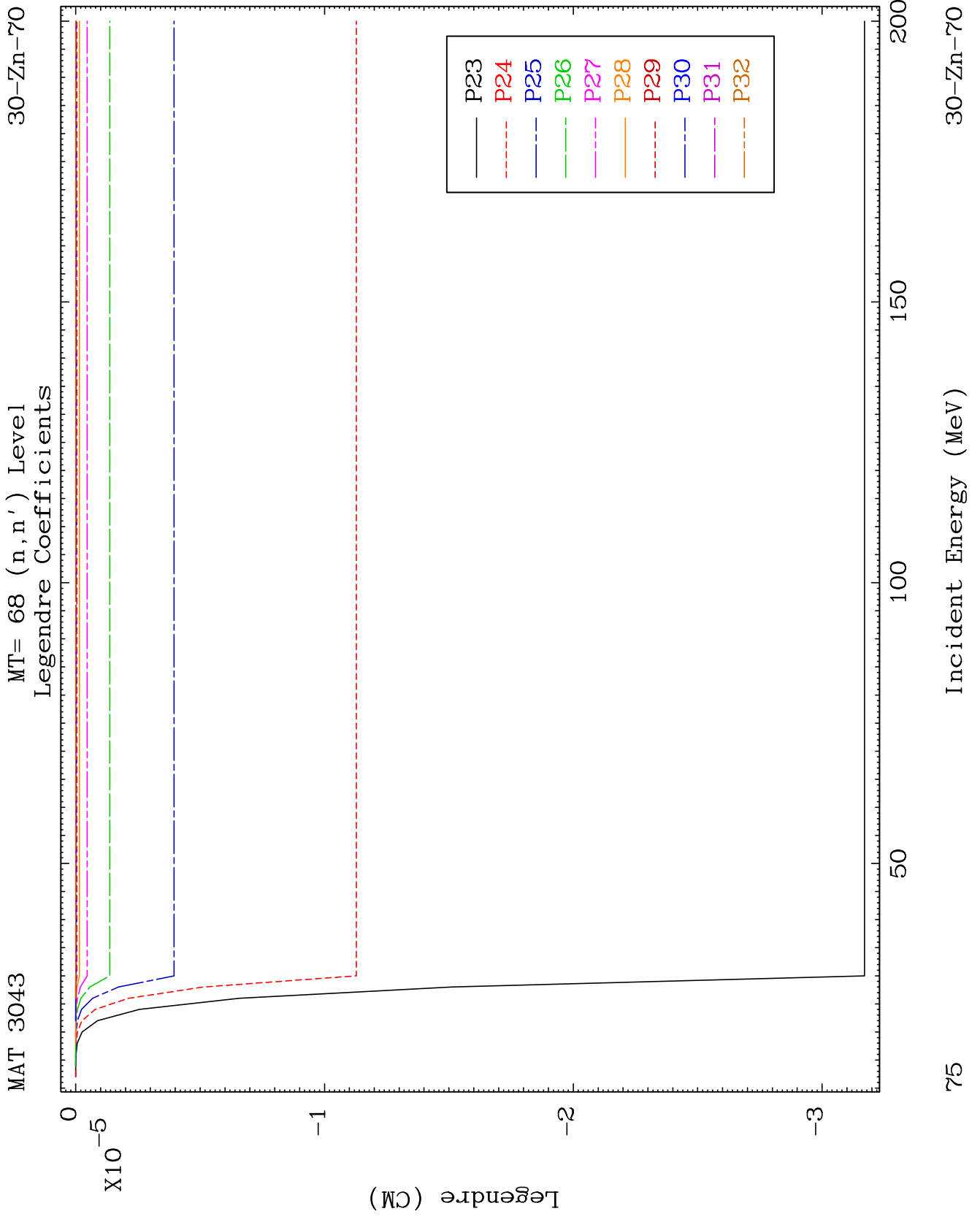
30-Zn-70



74

Incident Energy (MeV)

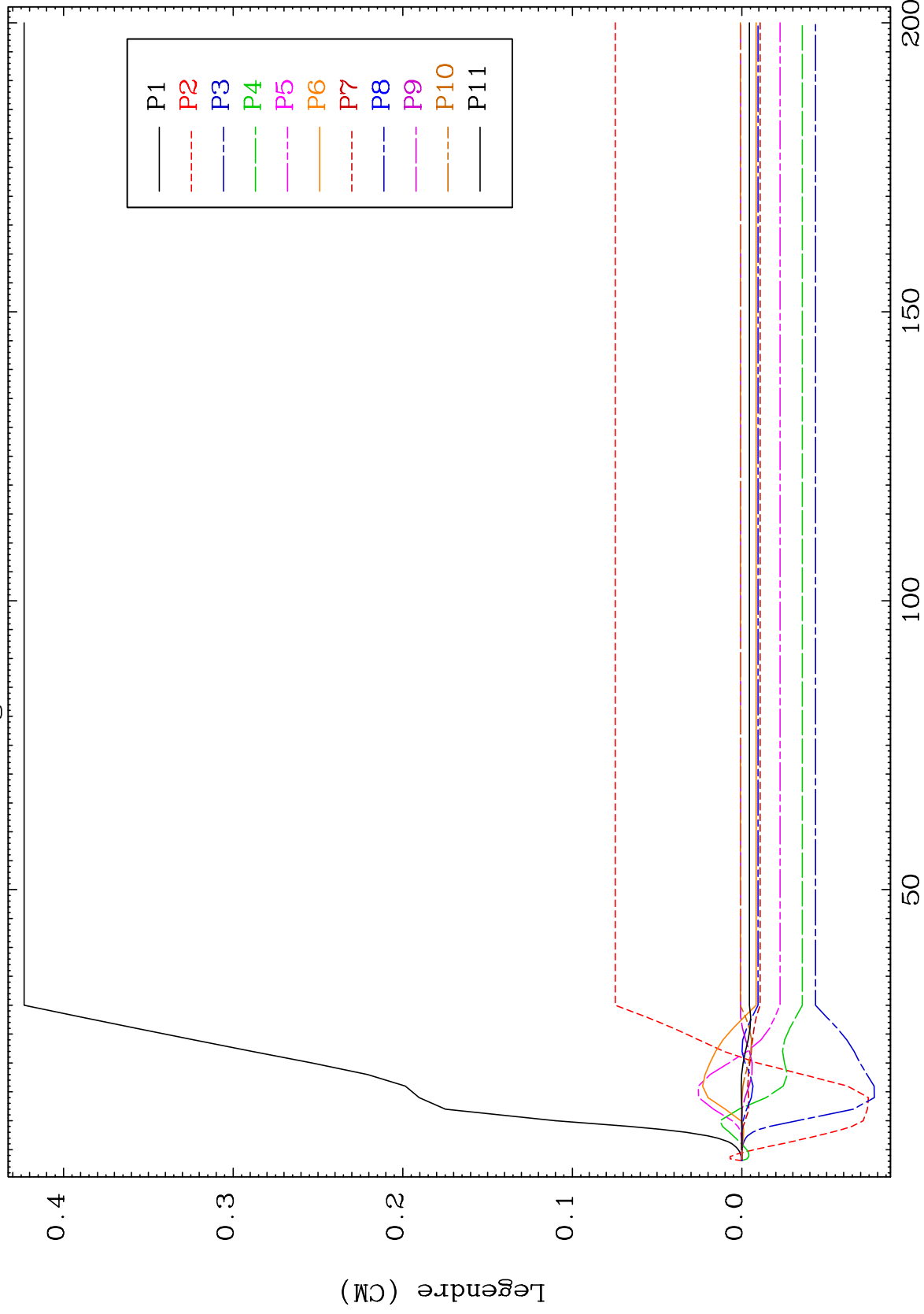
30-Zn-70



MAT 3043

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

30-Zn-70



76

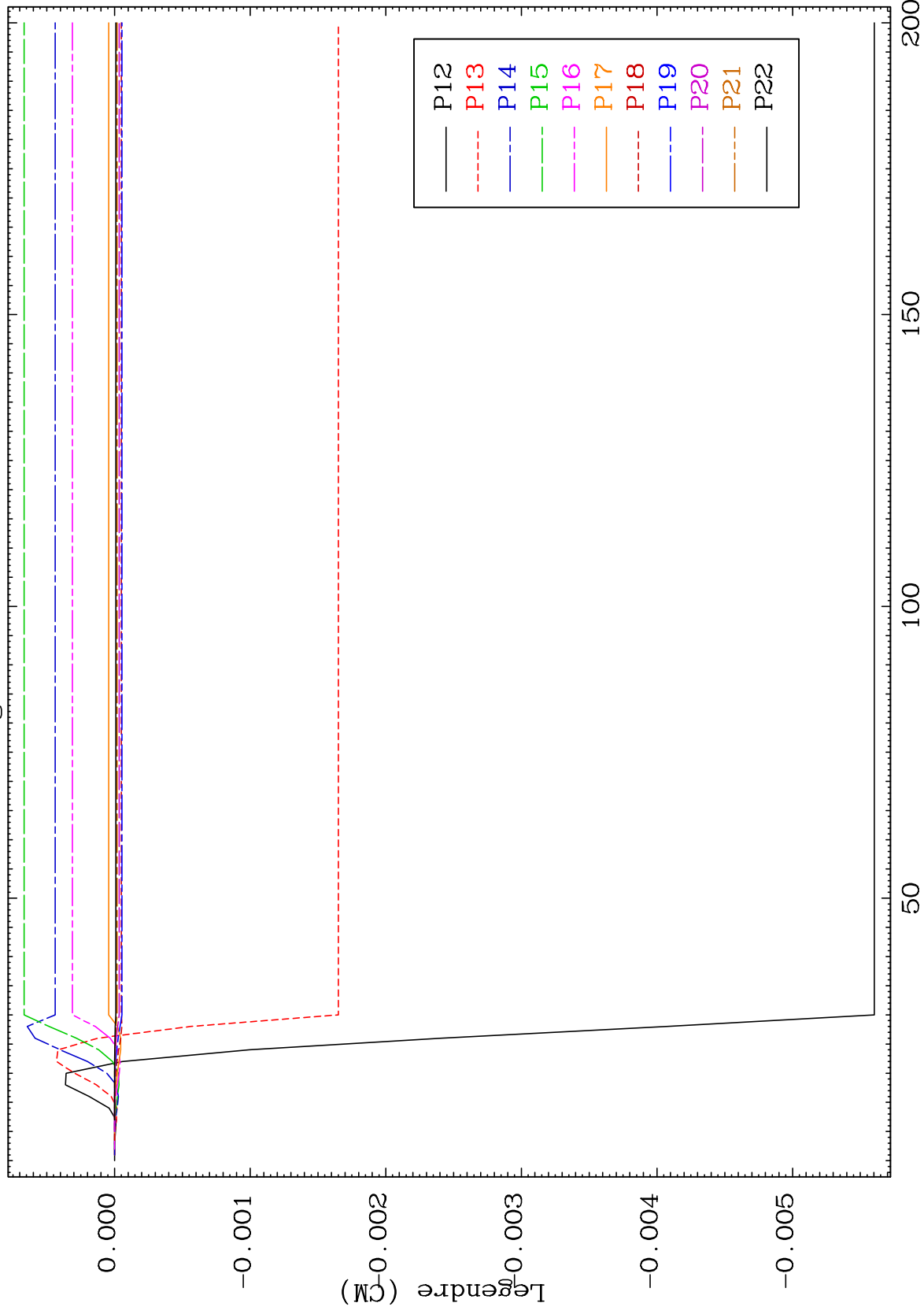
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

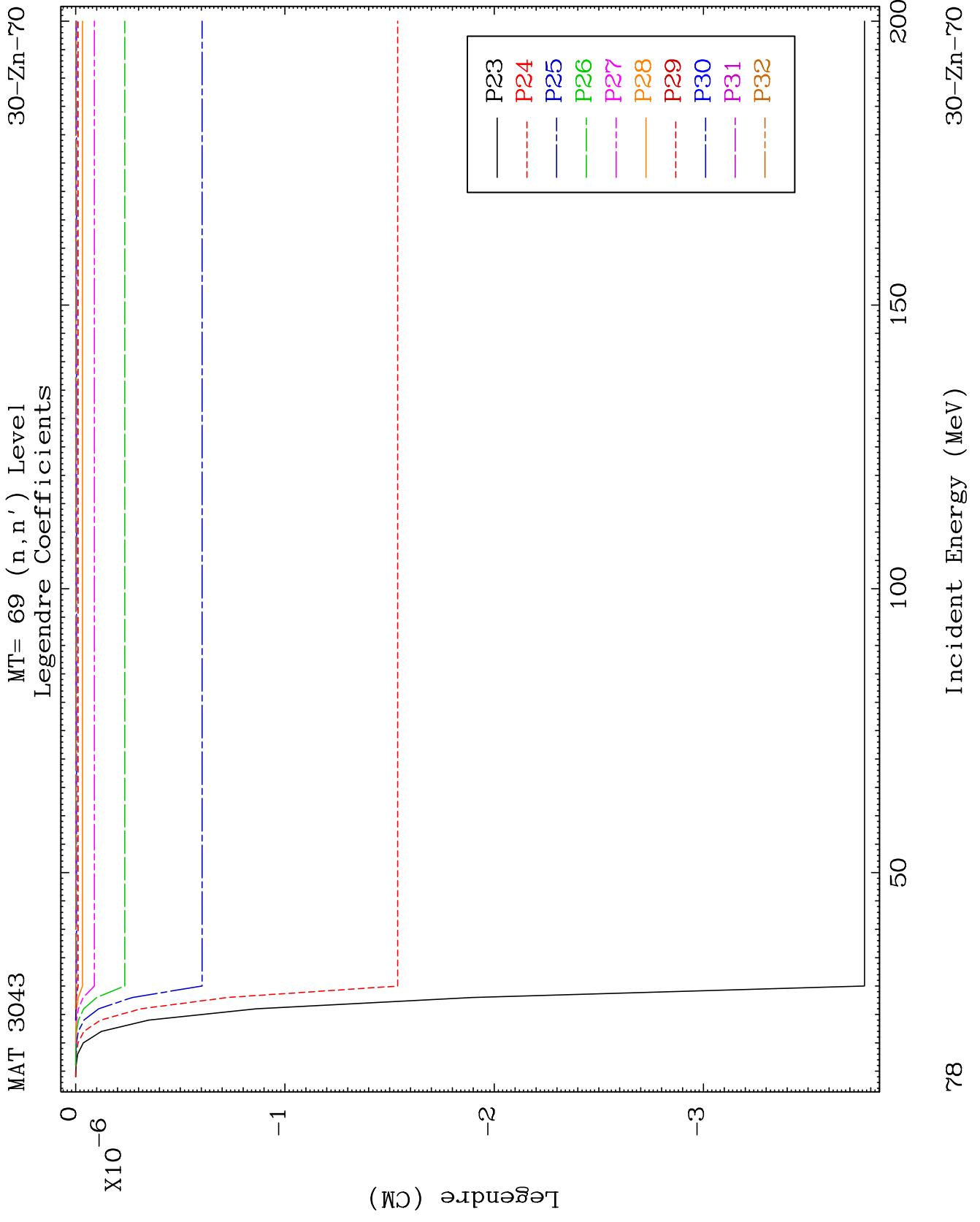
30-Zn-70

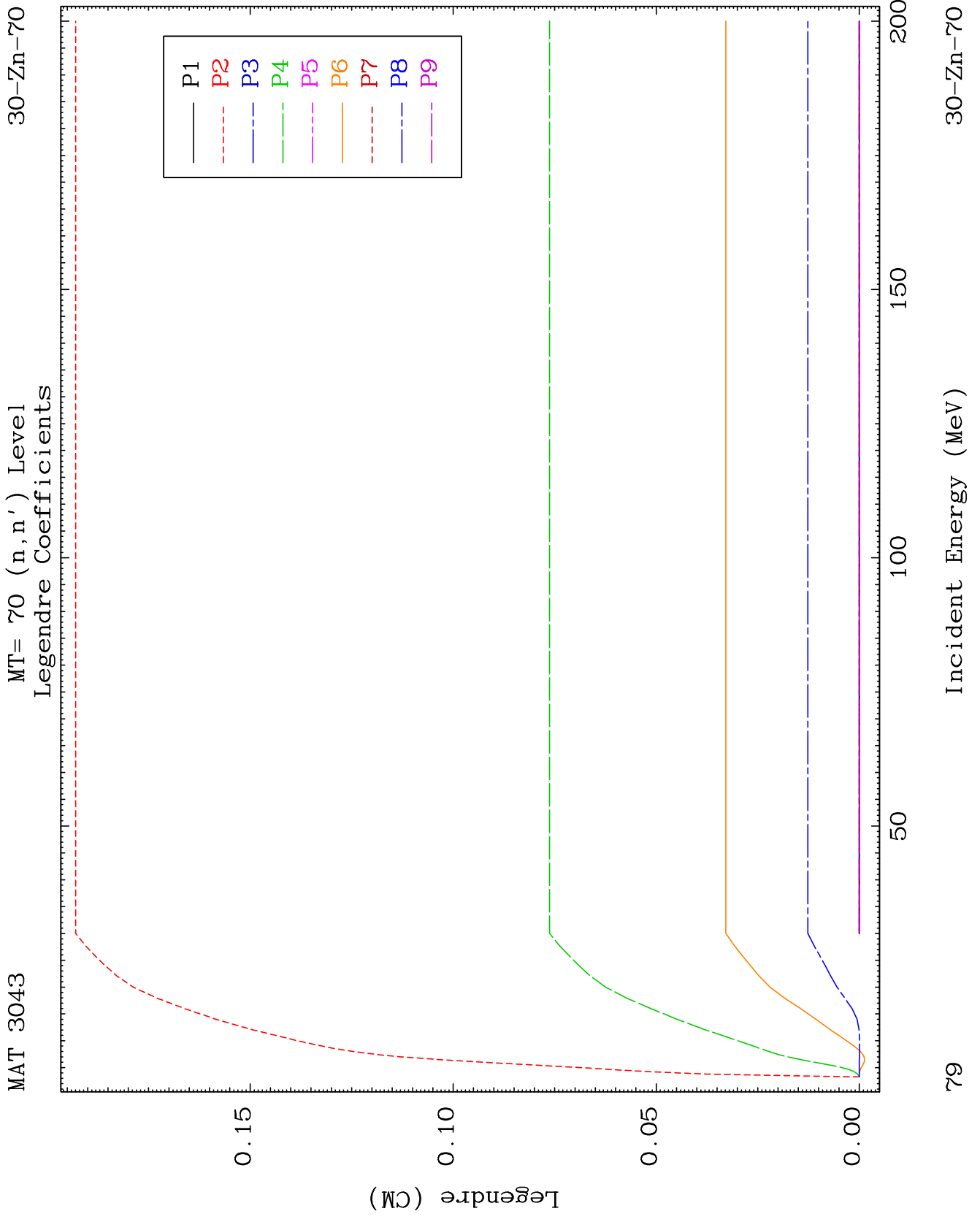


77

Incident Energy (MeV)

30-Zn-70

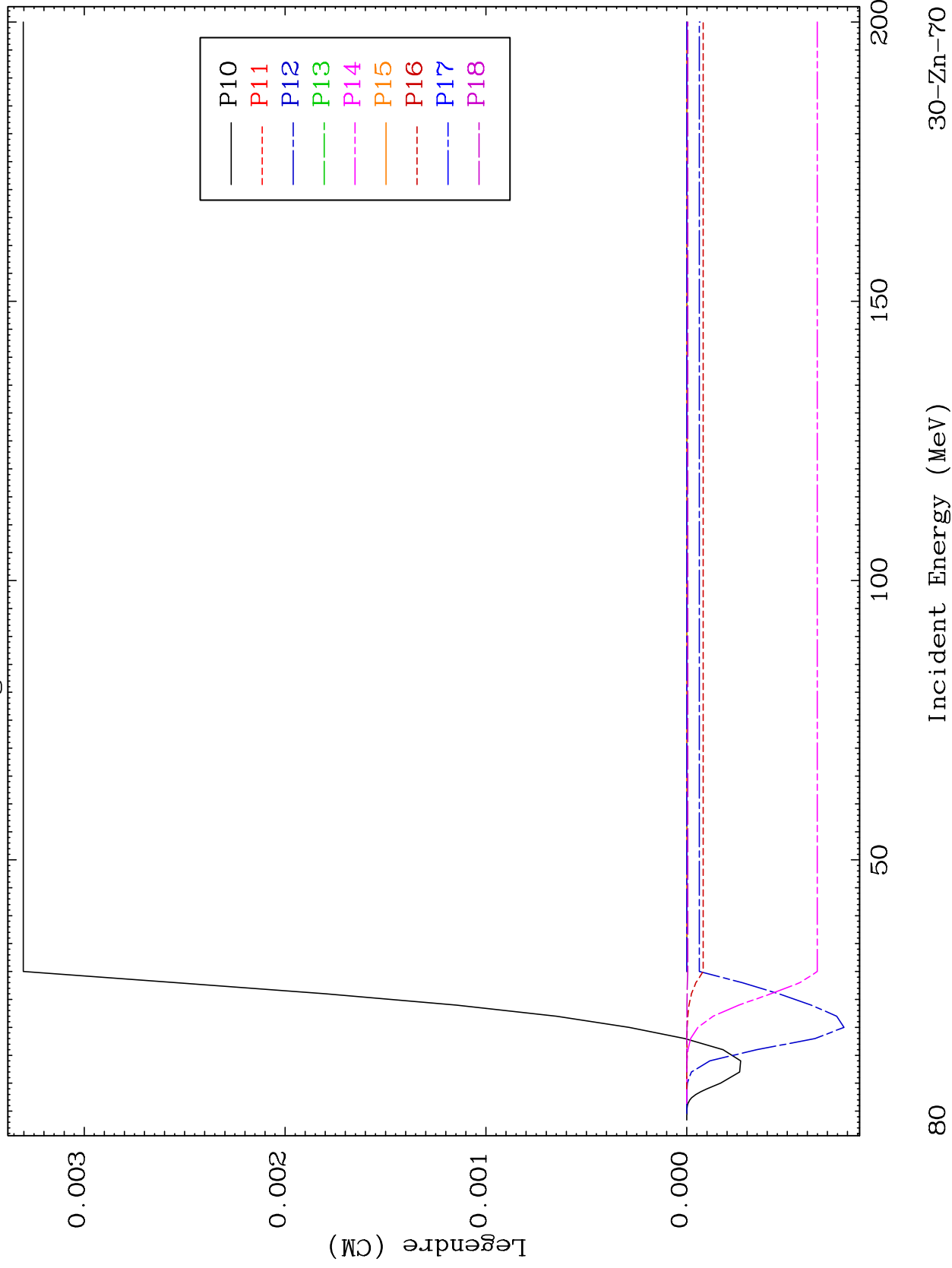


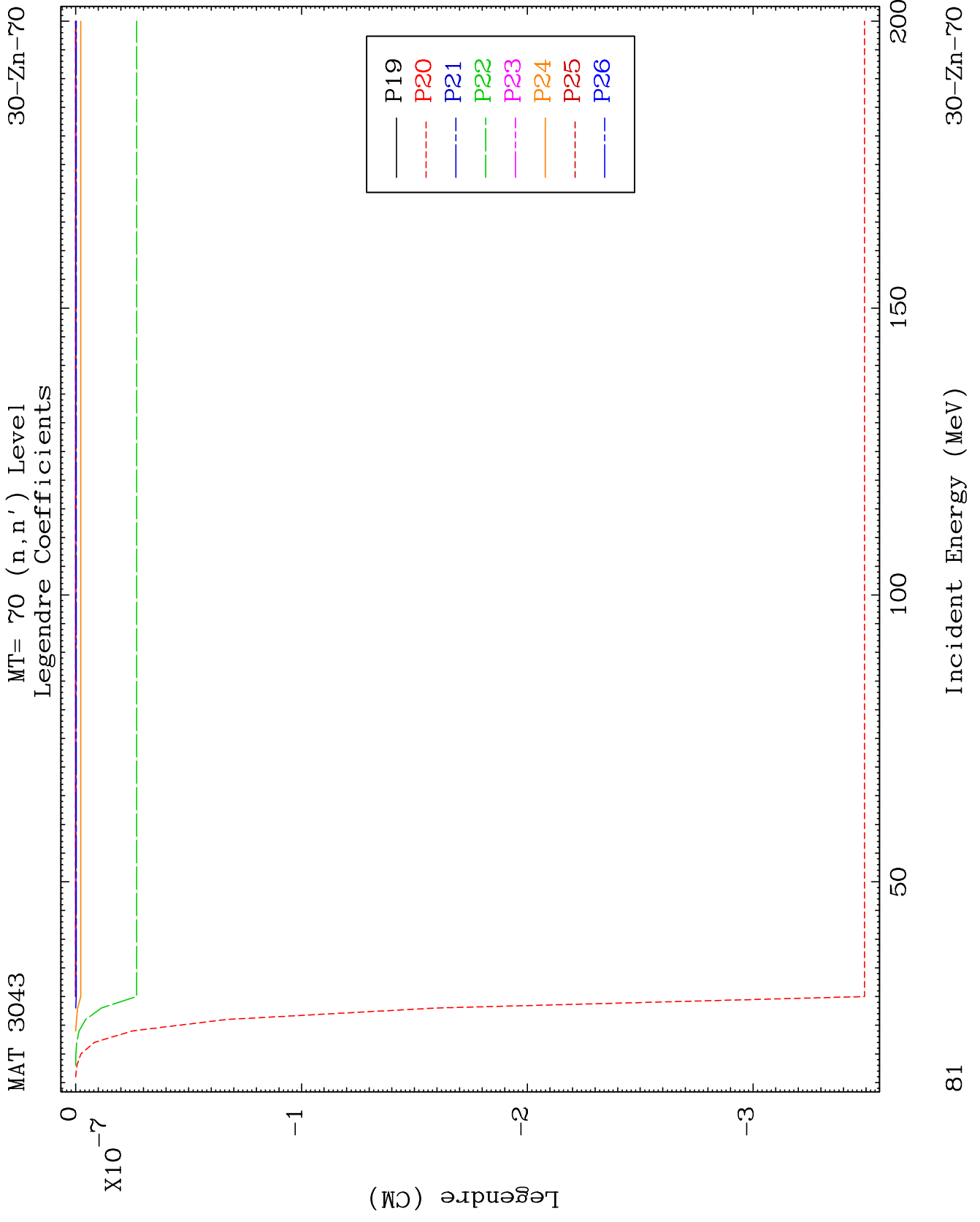


MAT 3043

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

30-Zn-70

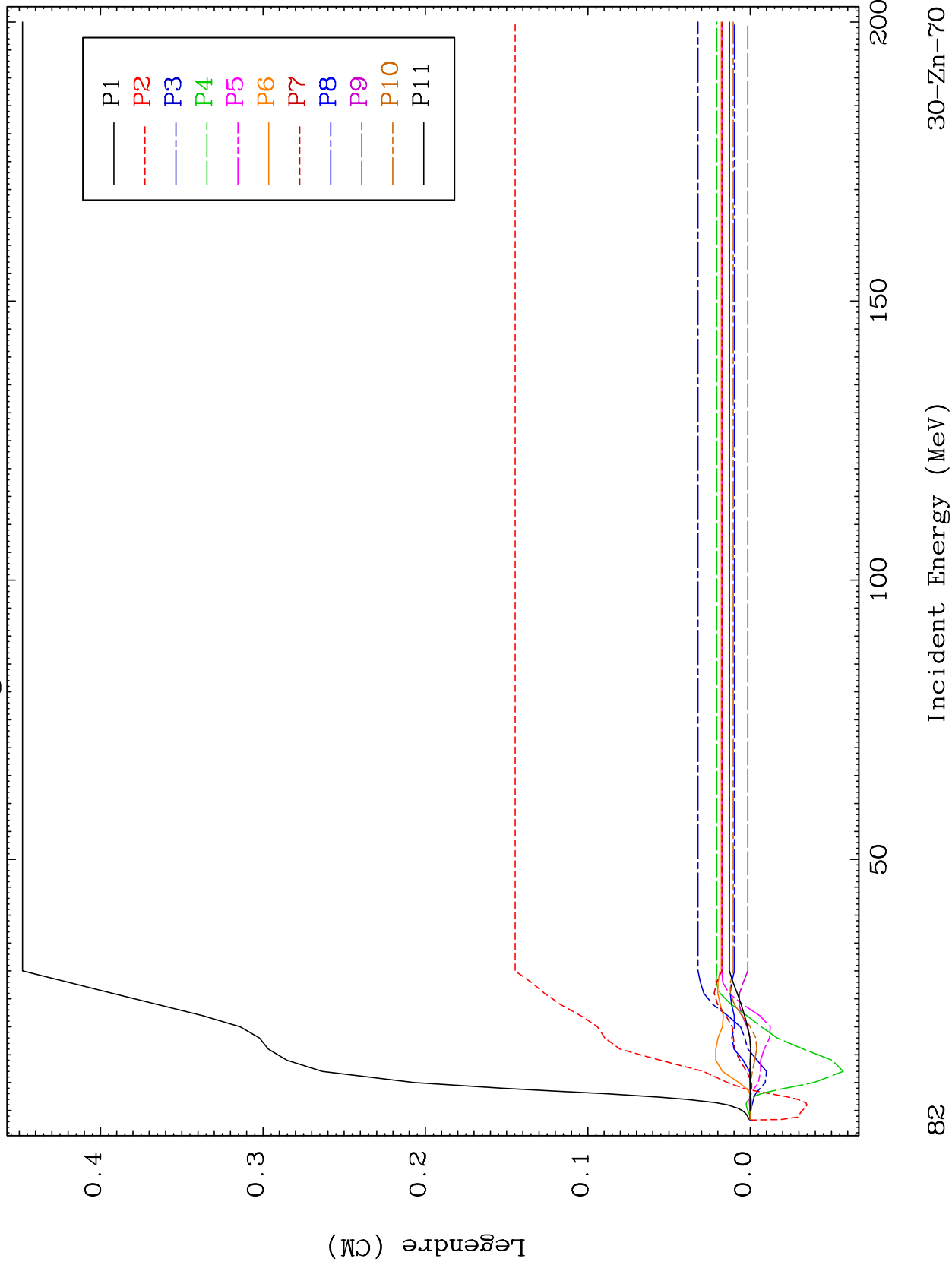




MAT 3043

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

30-Zn-70



82

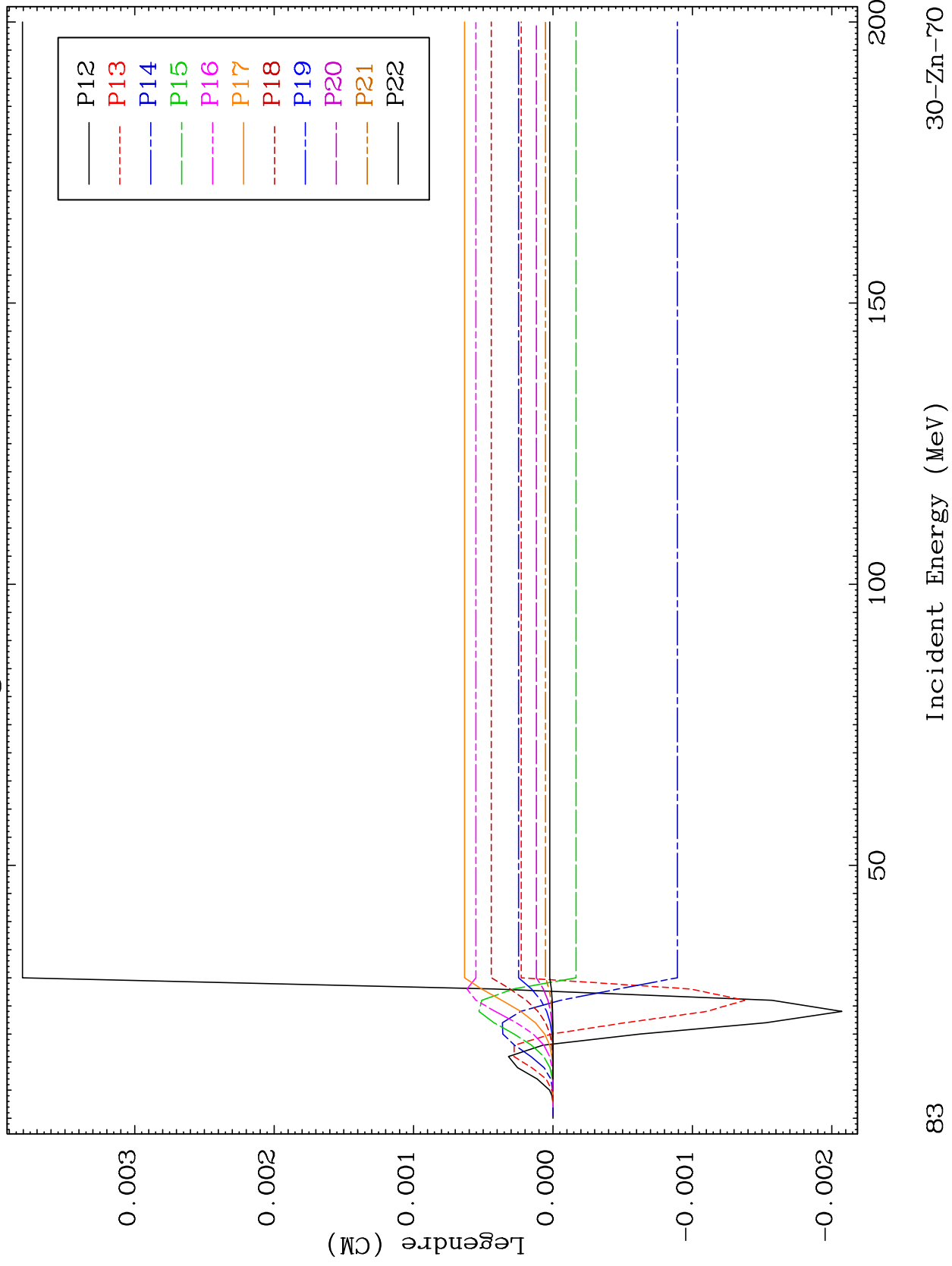
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

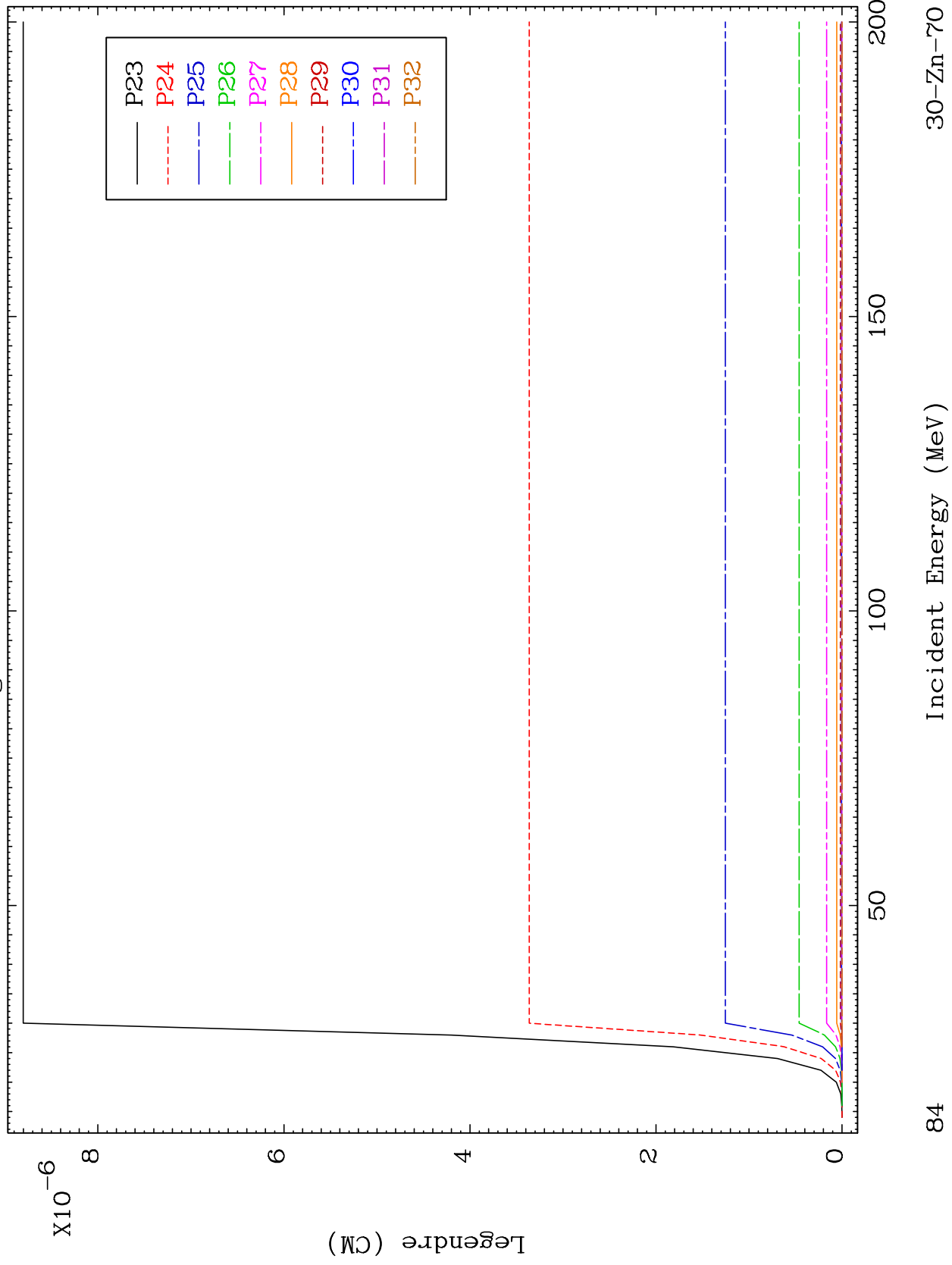
30-Zn-70



MAT 3043

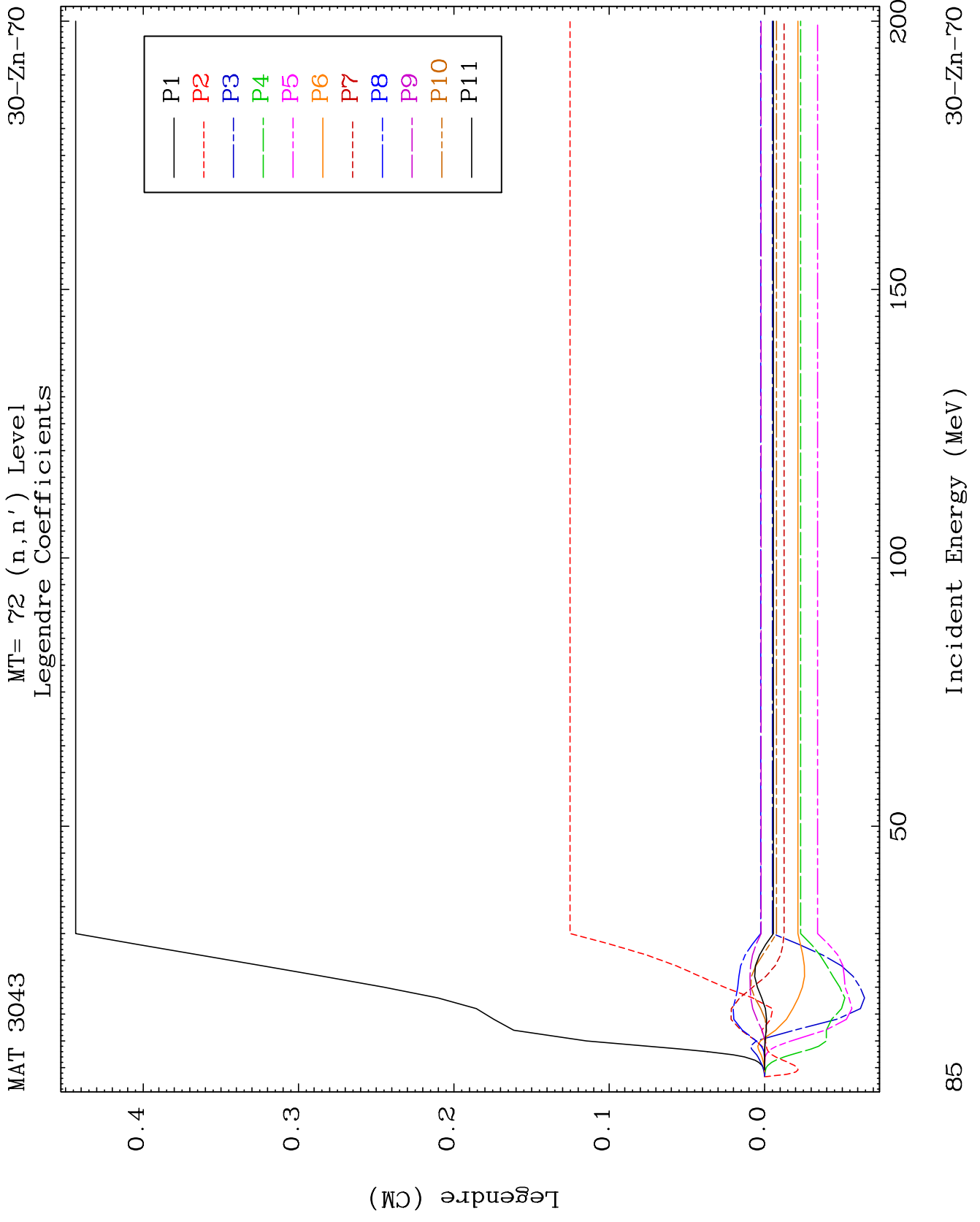
MT= 71 (n,n') Level
Legendre Coefficients

30-Zn-70



84

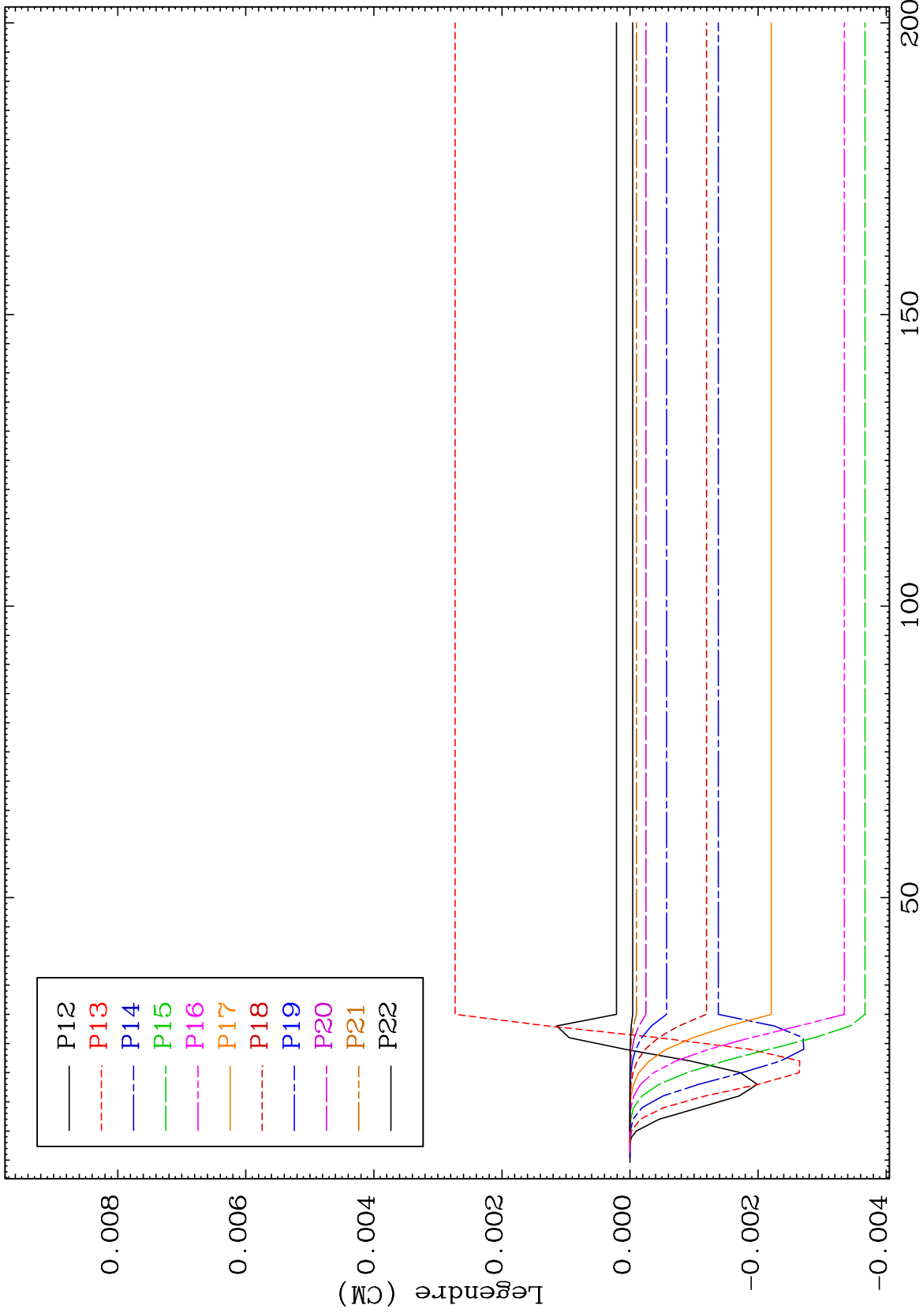
30-Zn-70

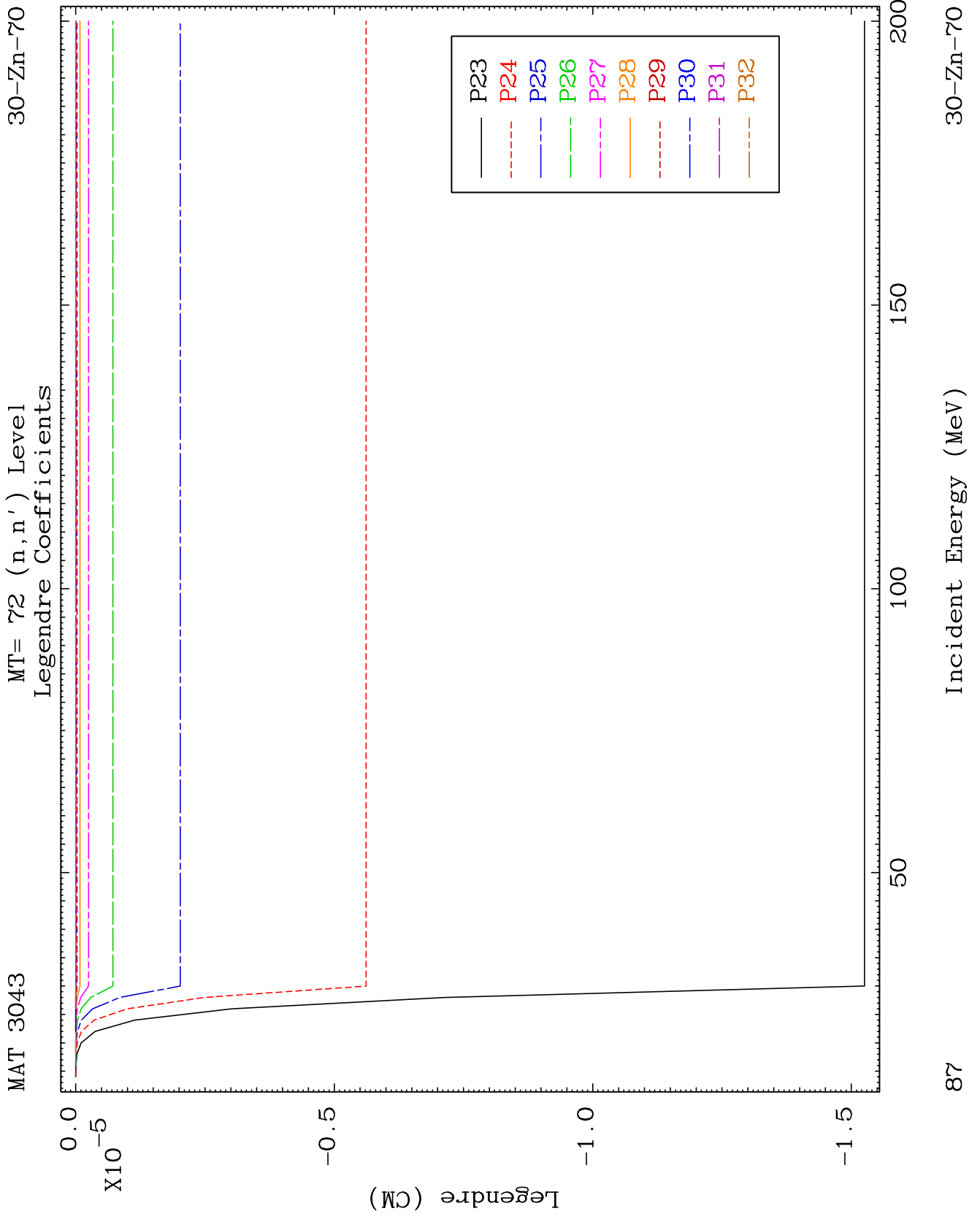


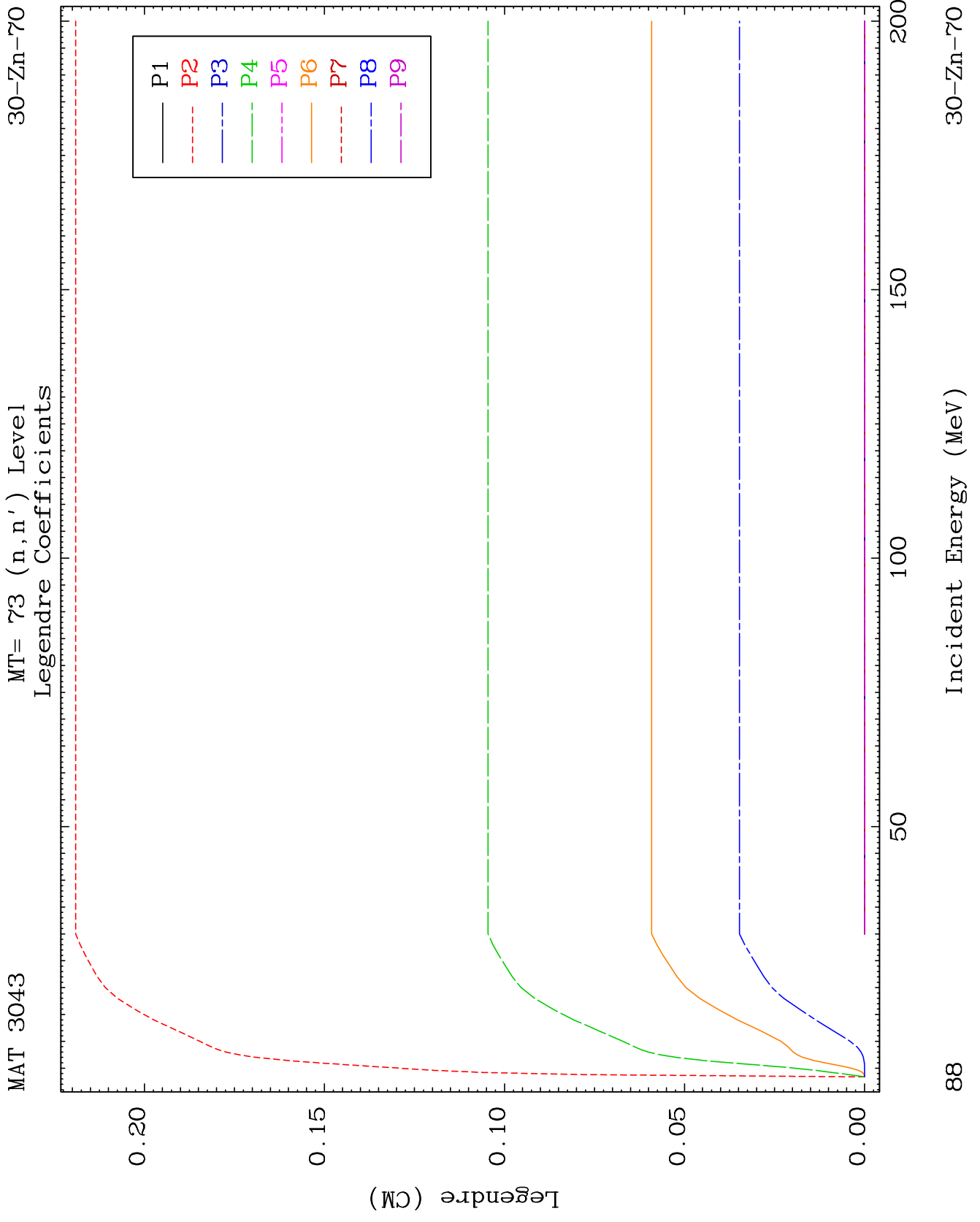
MAT 3043

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

30-Zn-70



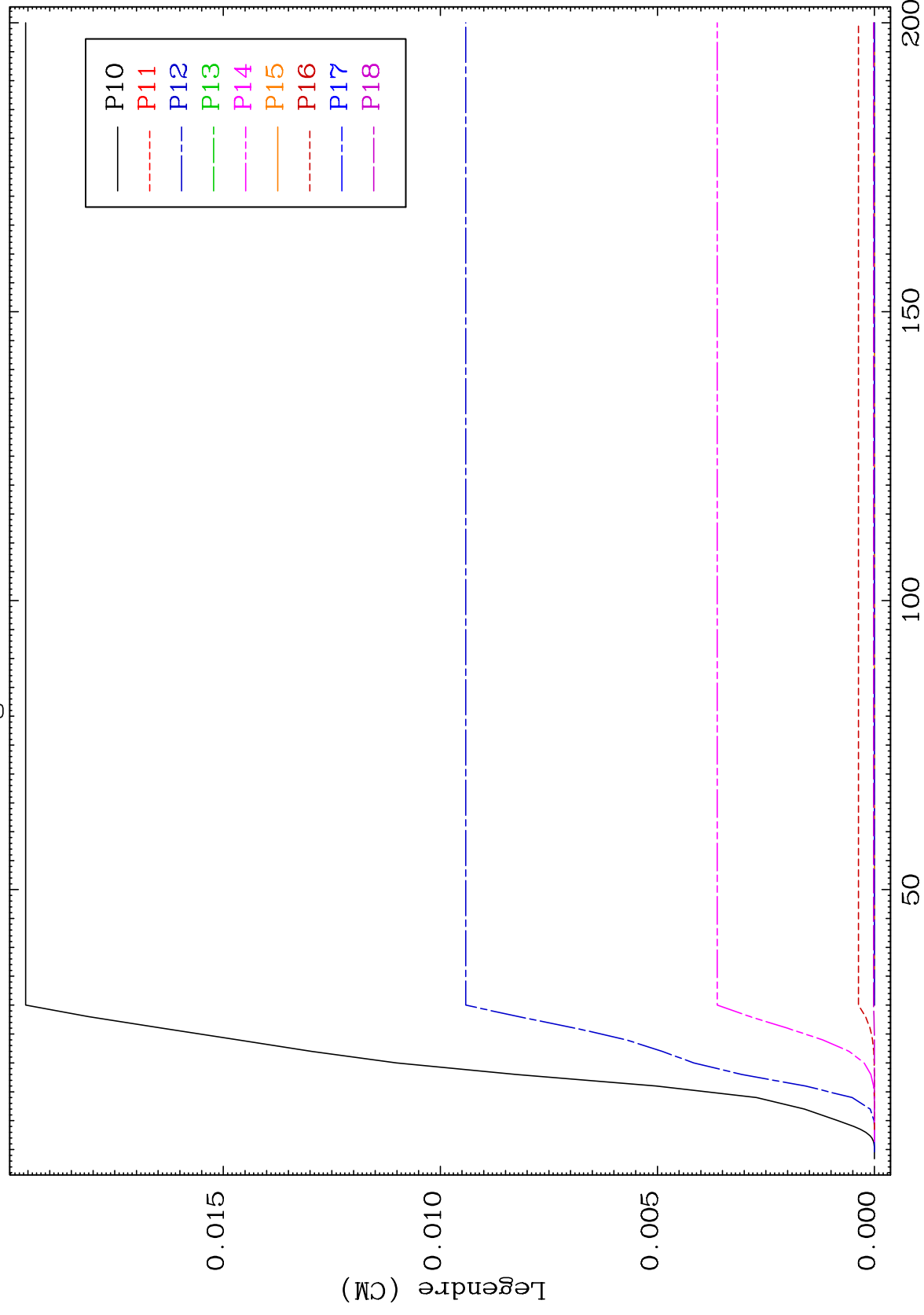




MAT 3043

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

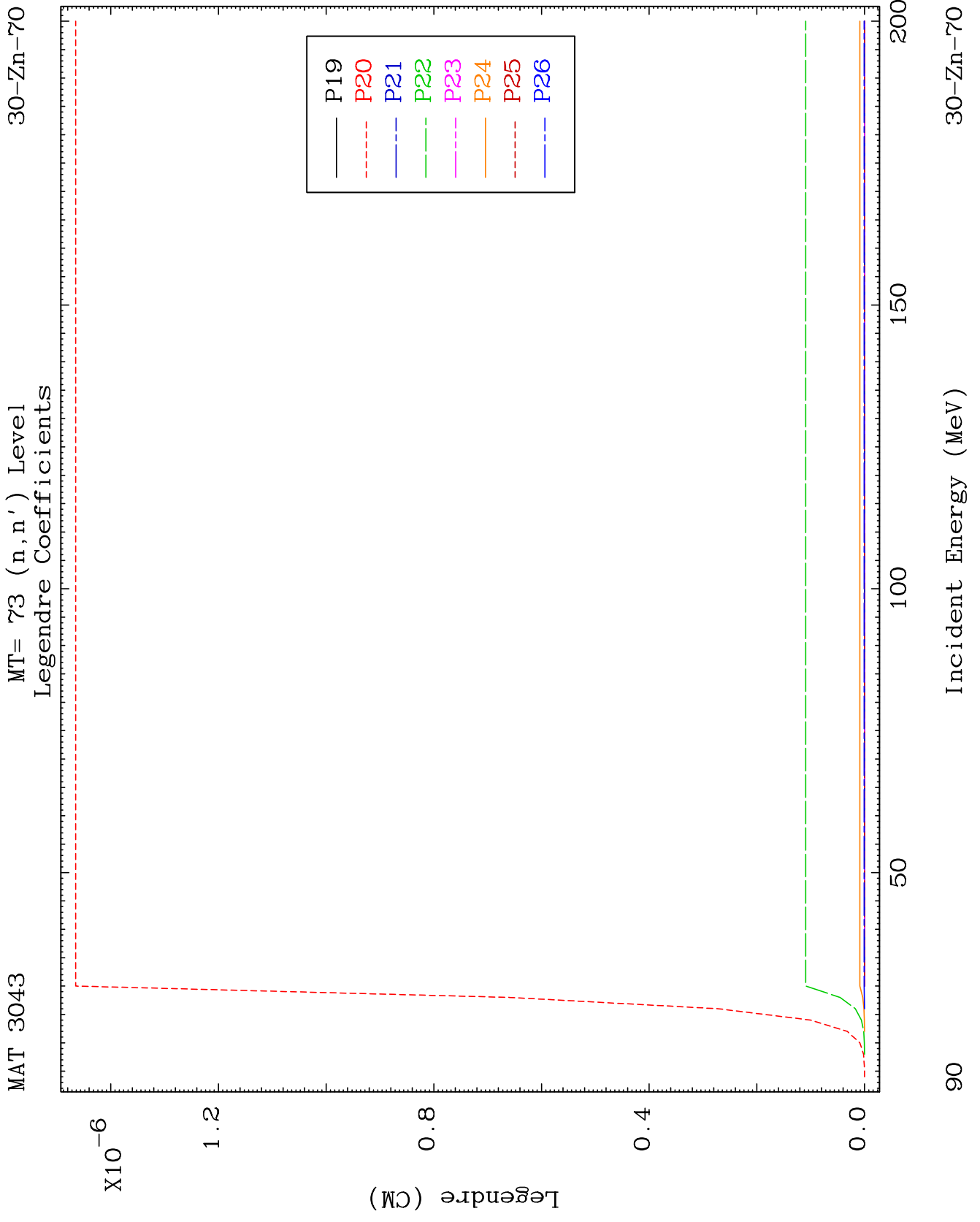
30-Zn-70



89

Incident Energy (MeV)

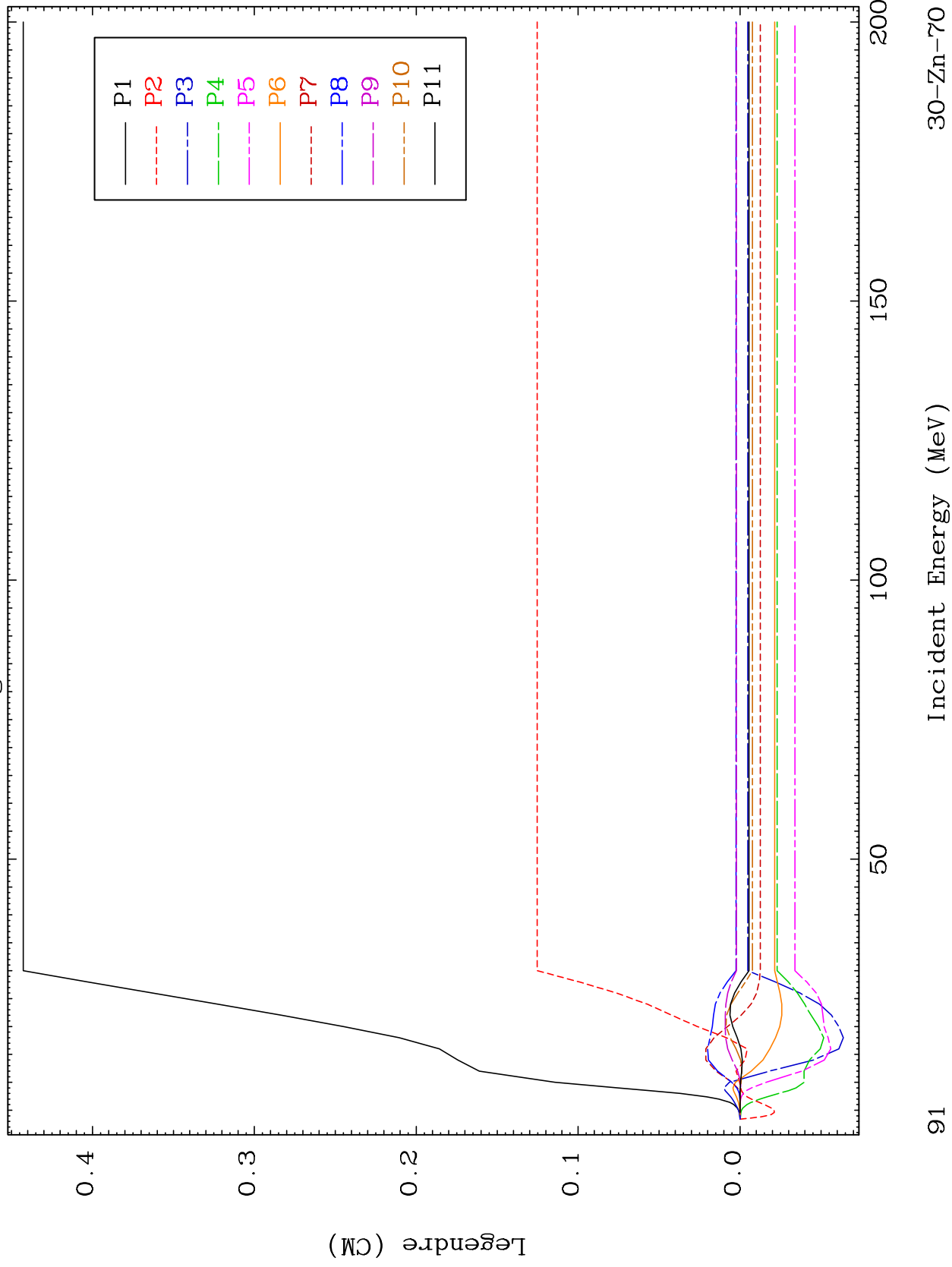
30-Zn-70



MAT 3043

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

30-Zn-70



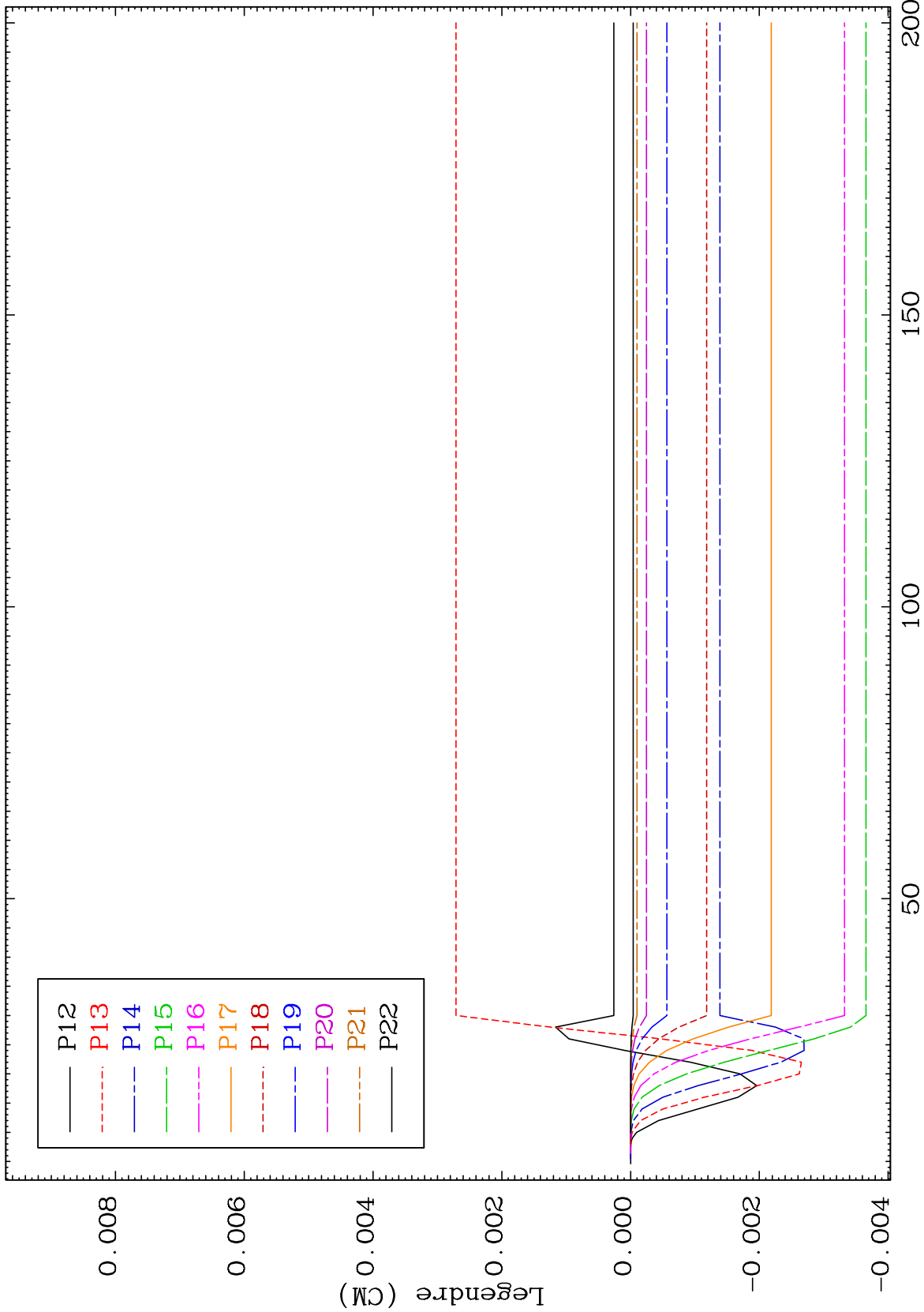
91

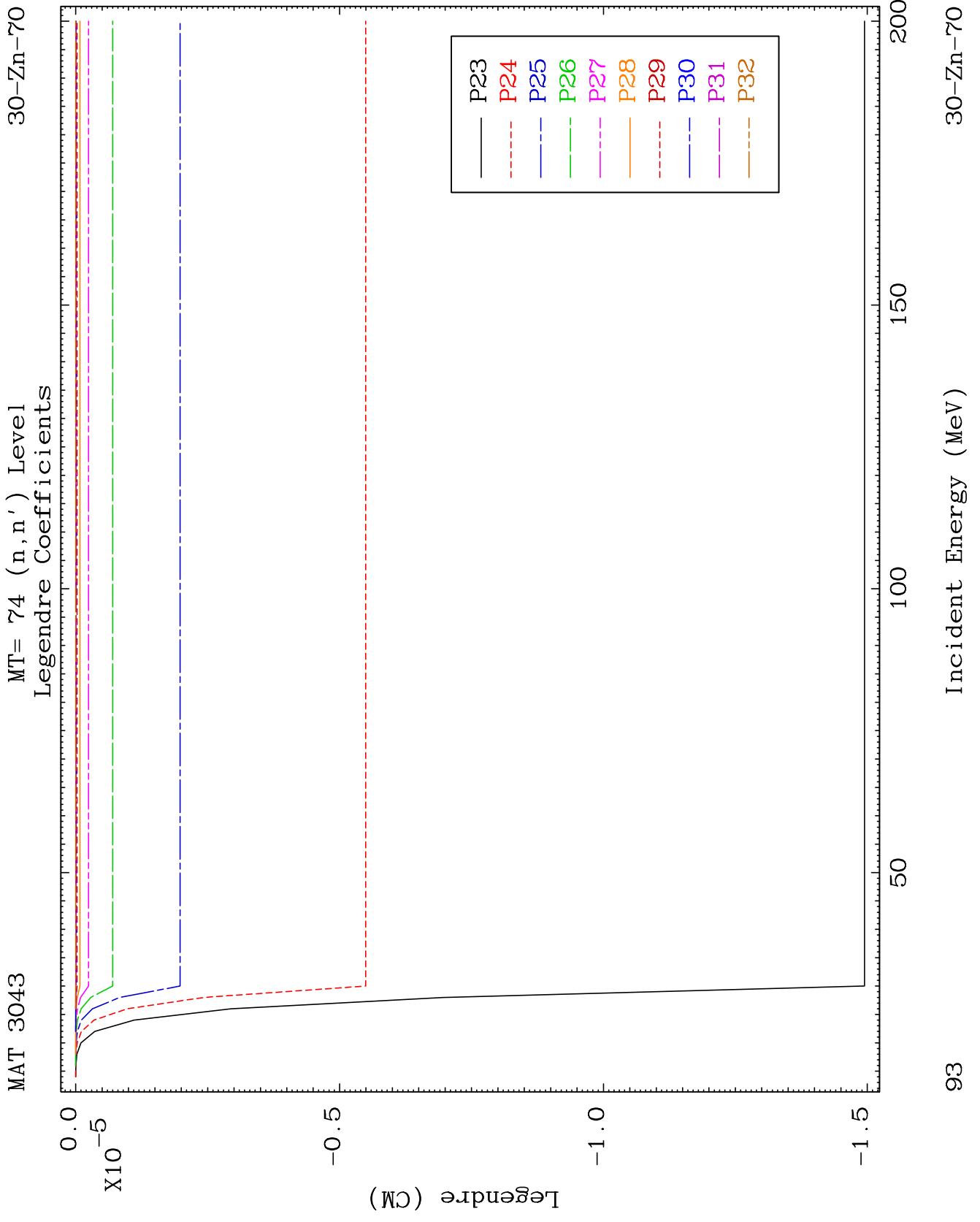
30-Zn-70

MAT 3043

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

30-Zn-70

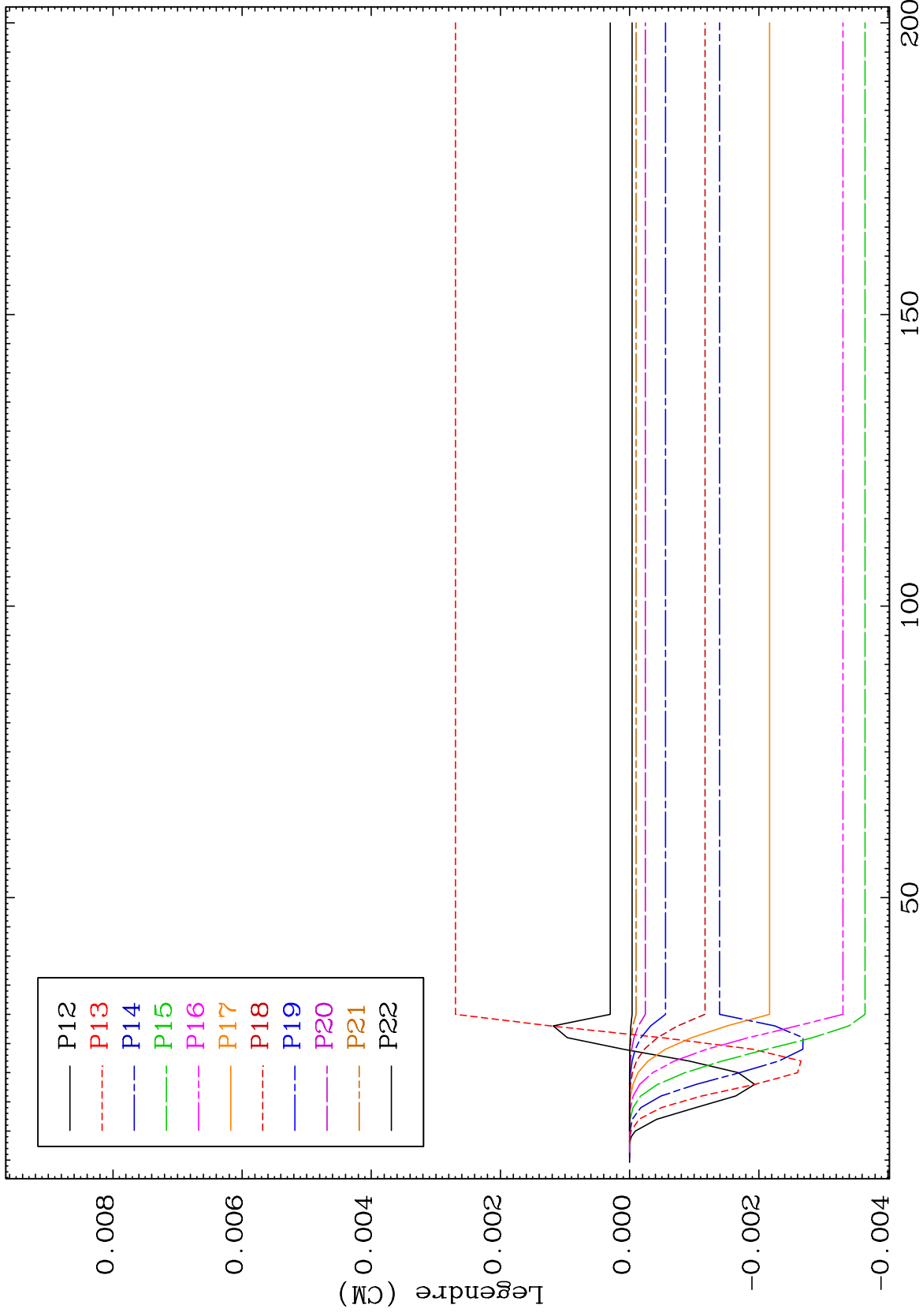




MAT 3043

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

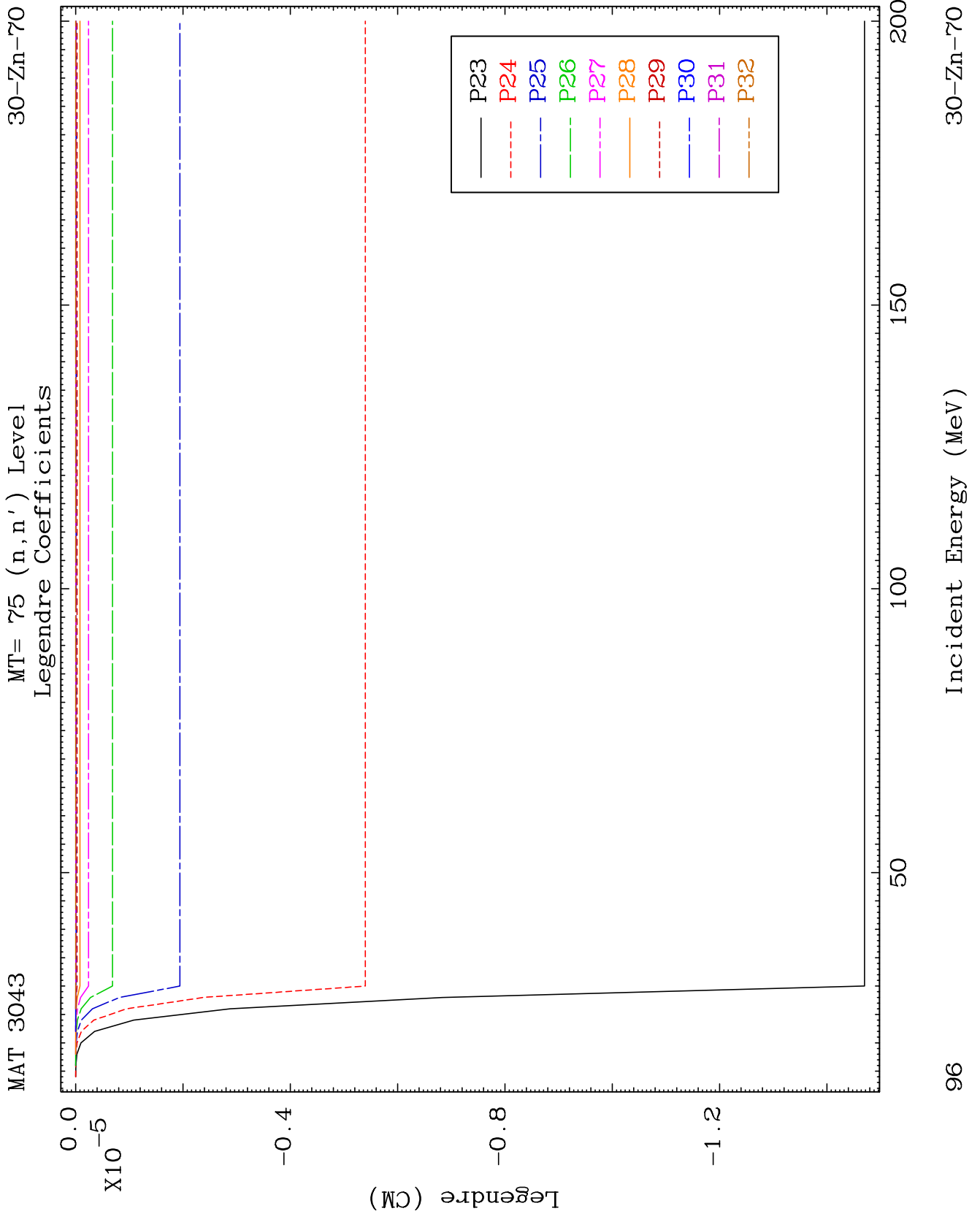
30-Zn-70



95

Incident Energy (MeV)

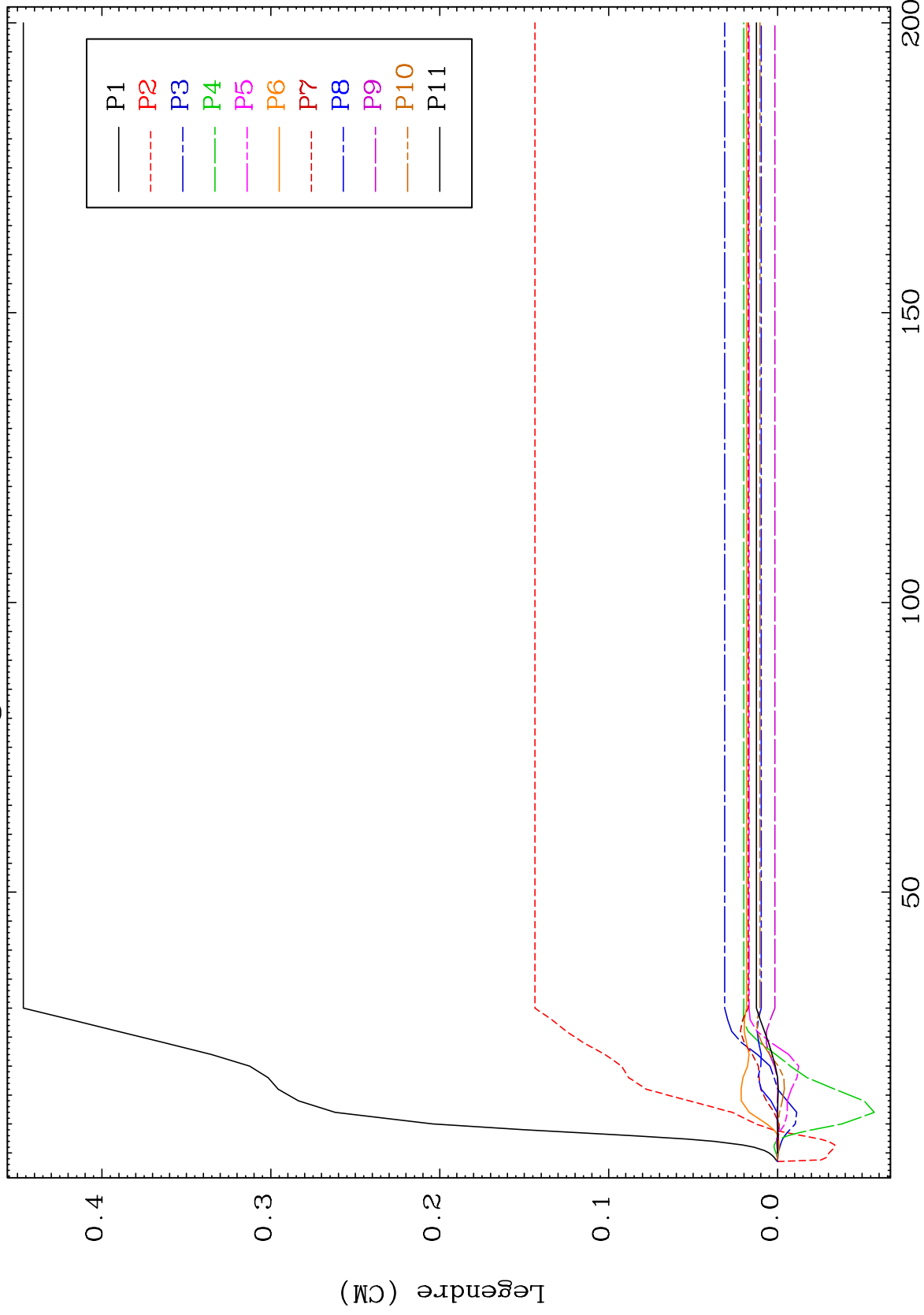
30-Zn-70



MAT 3043

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

30-Zn-70



97

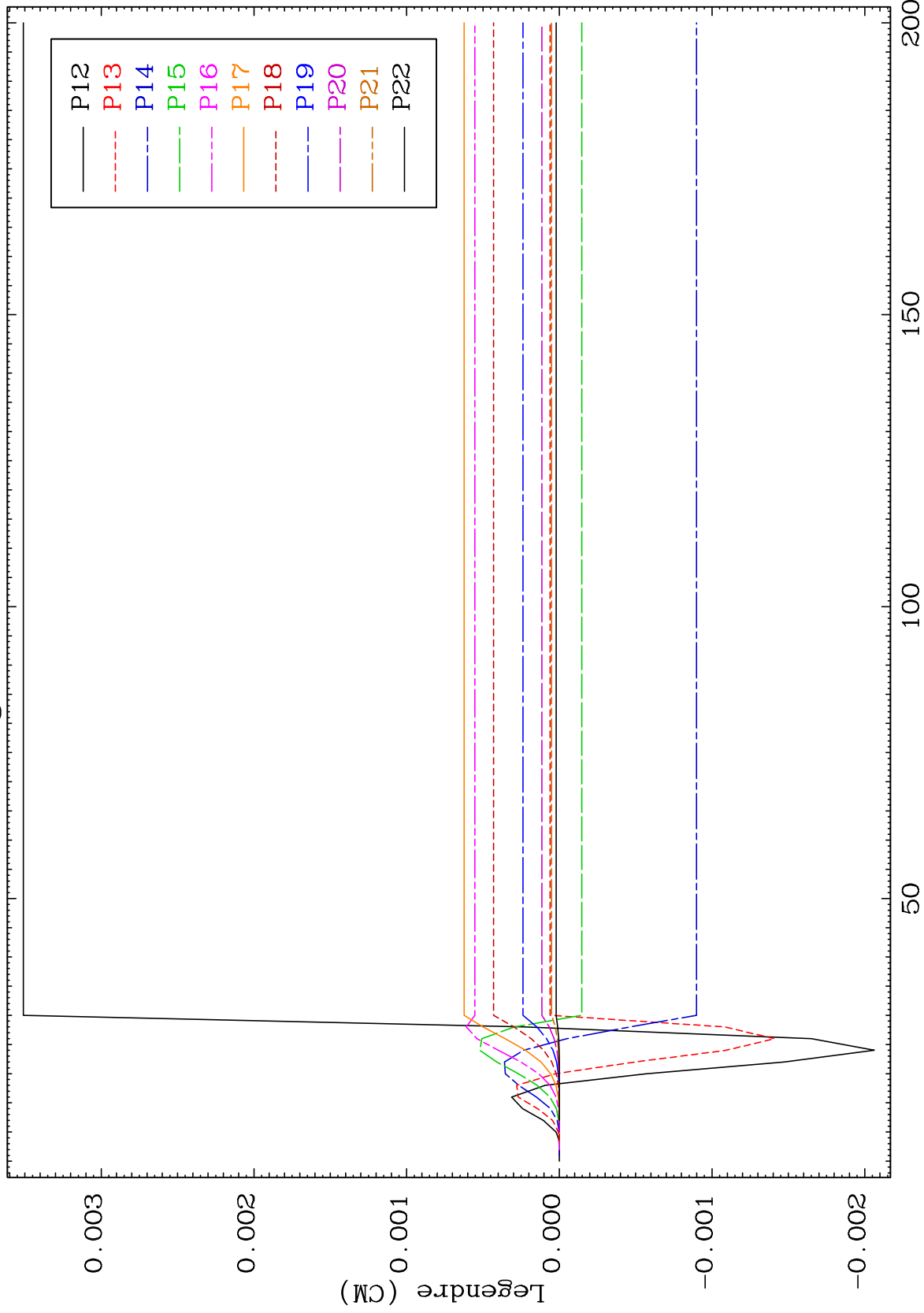
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

30-Zn-70



98

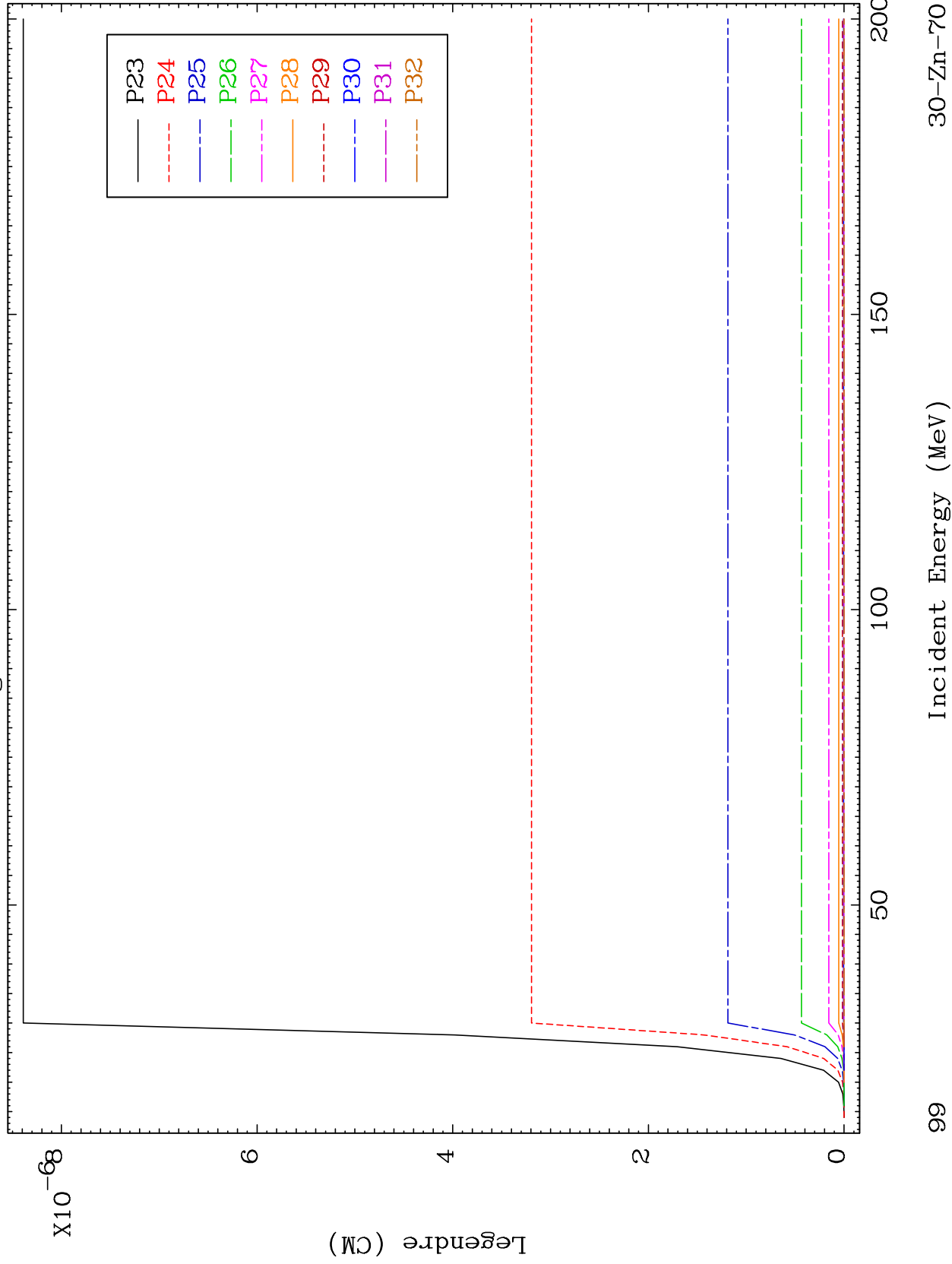
Incident Energy (MeV)

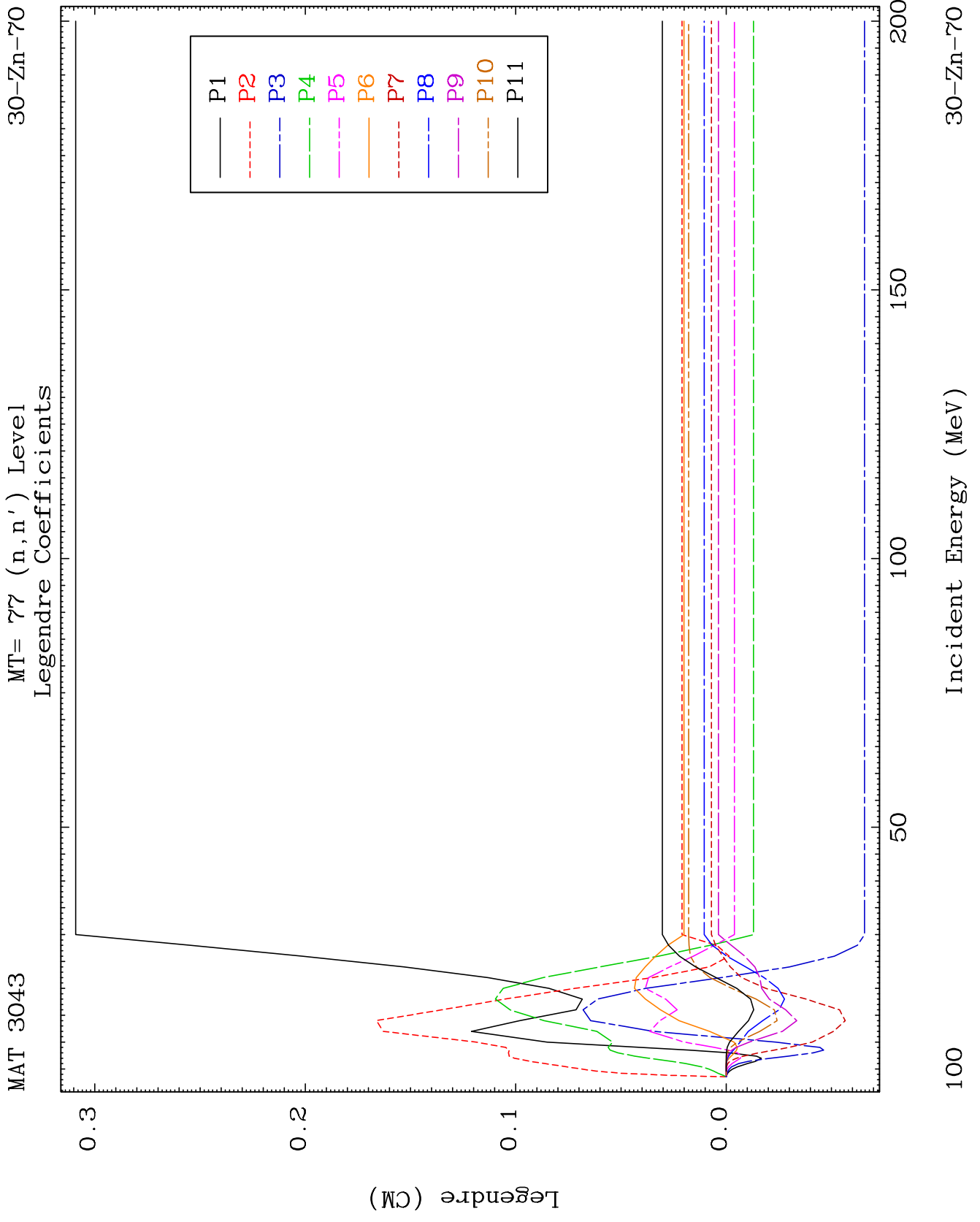
30-Zn-70

MAT 3043

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

30-Zn-70

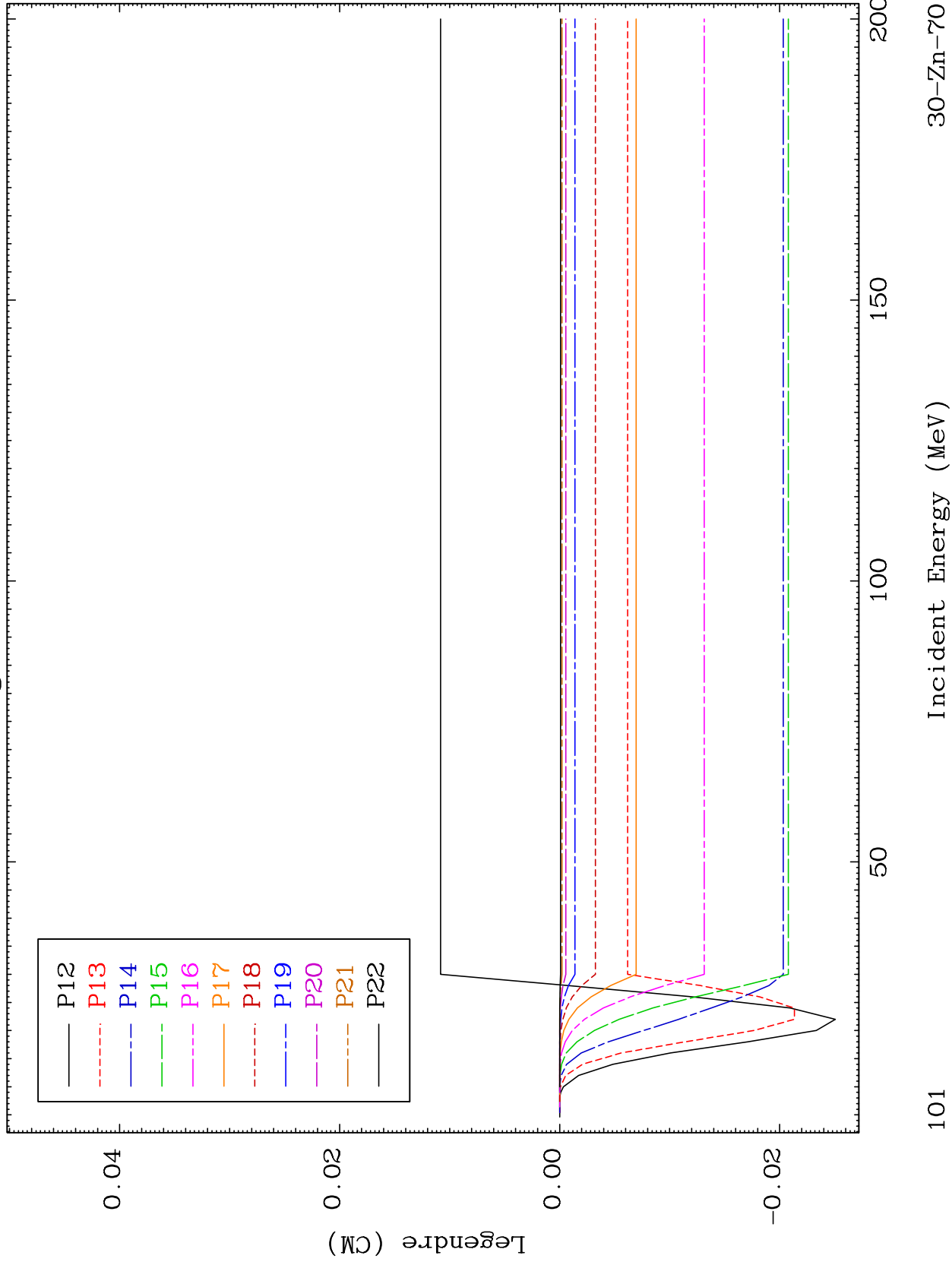




MAT 3043

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

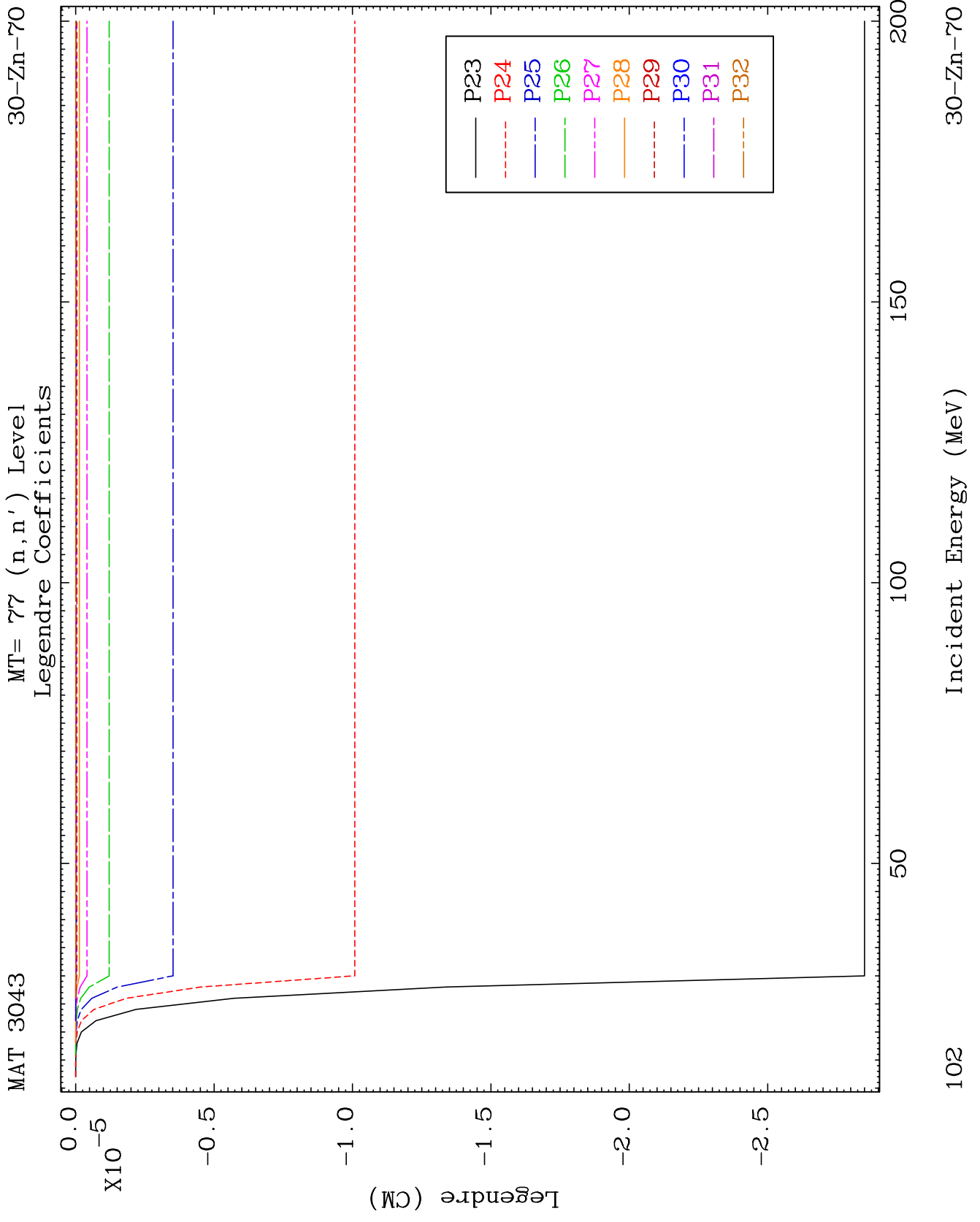
30-Zn-70



101

Incident Energy (MeV)

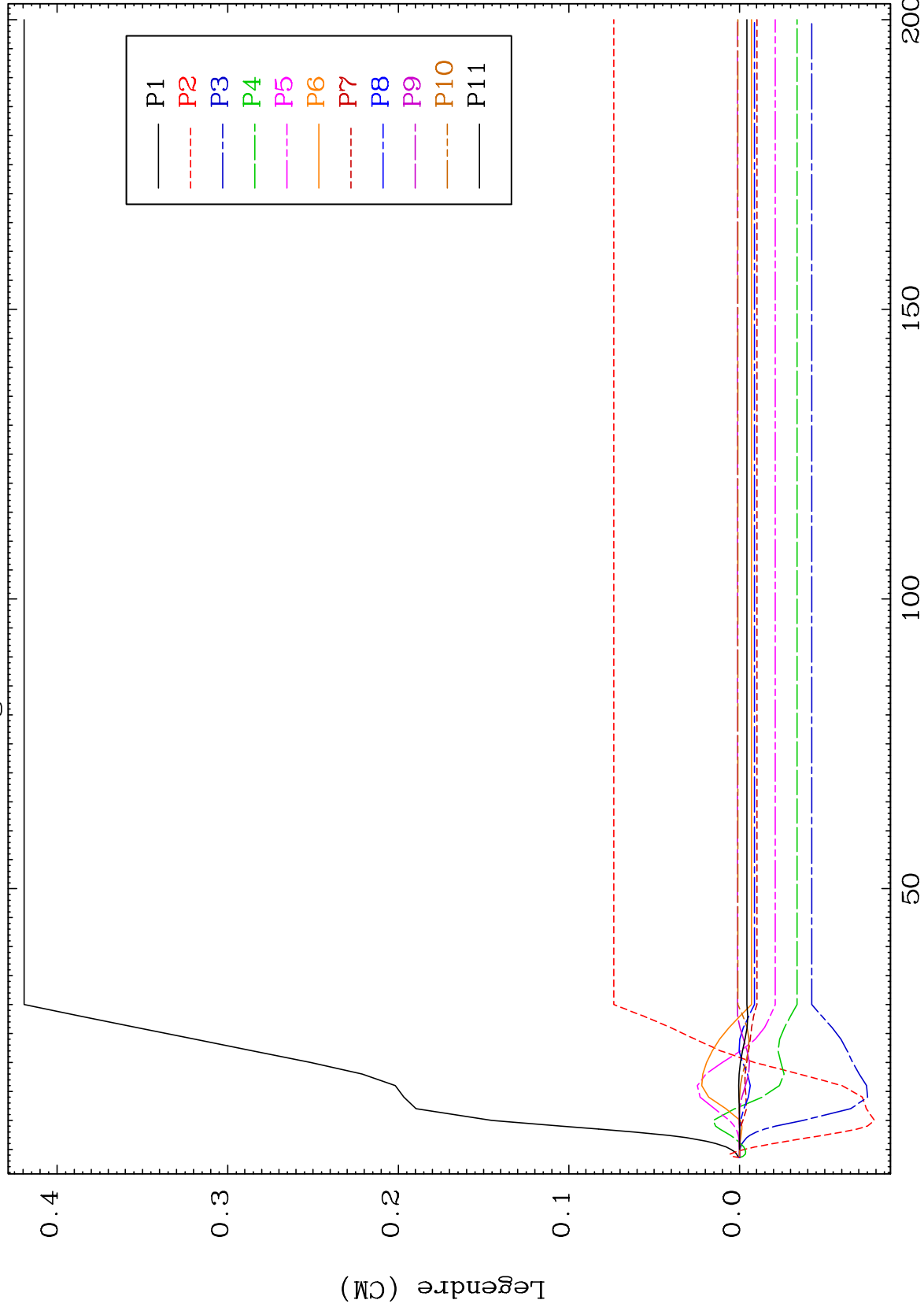
30-Zn-70



MAT 3043

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

30-Zn-70



103

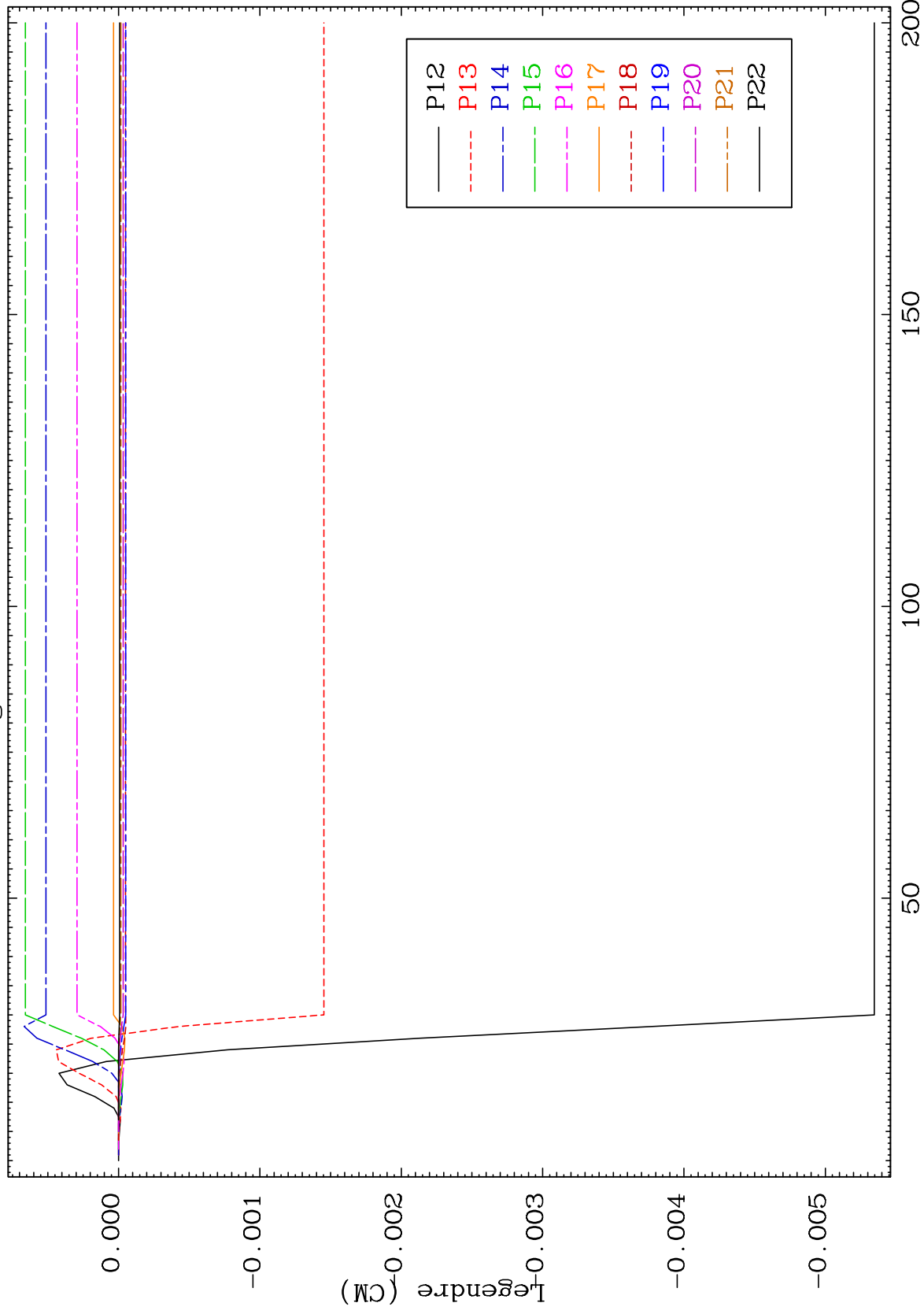
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

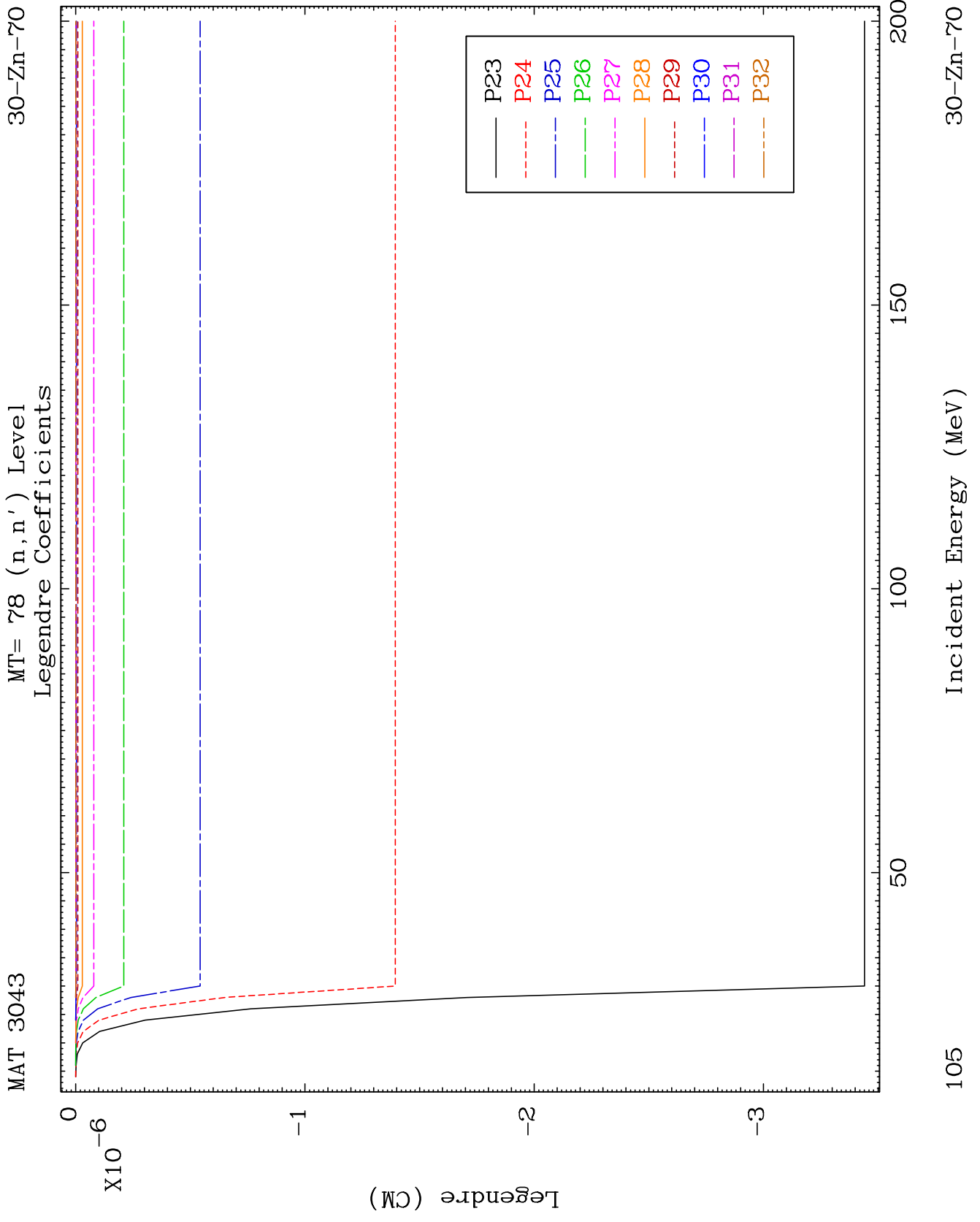
30-Zn-70

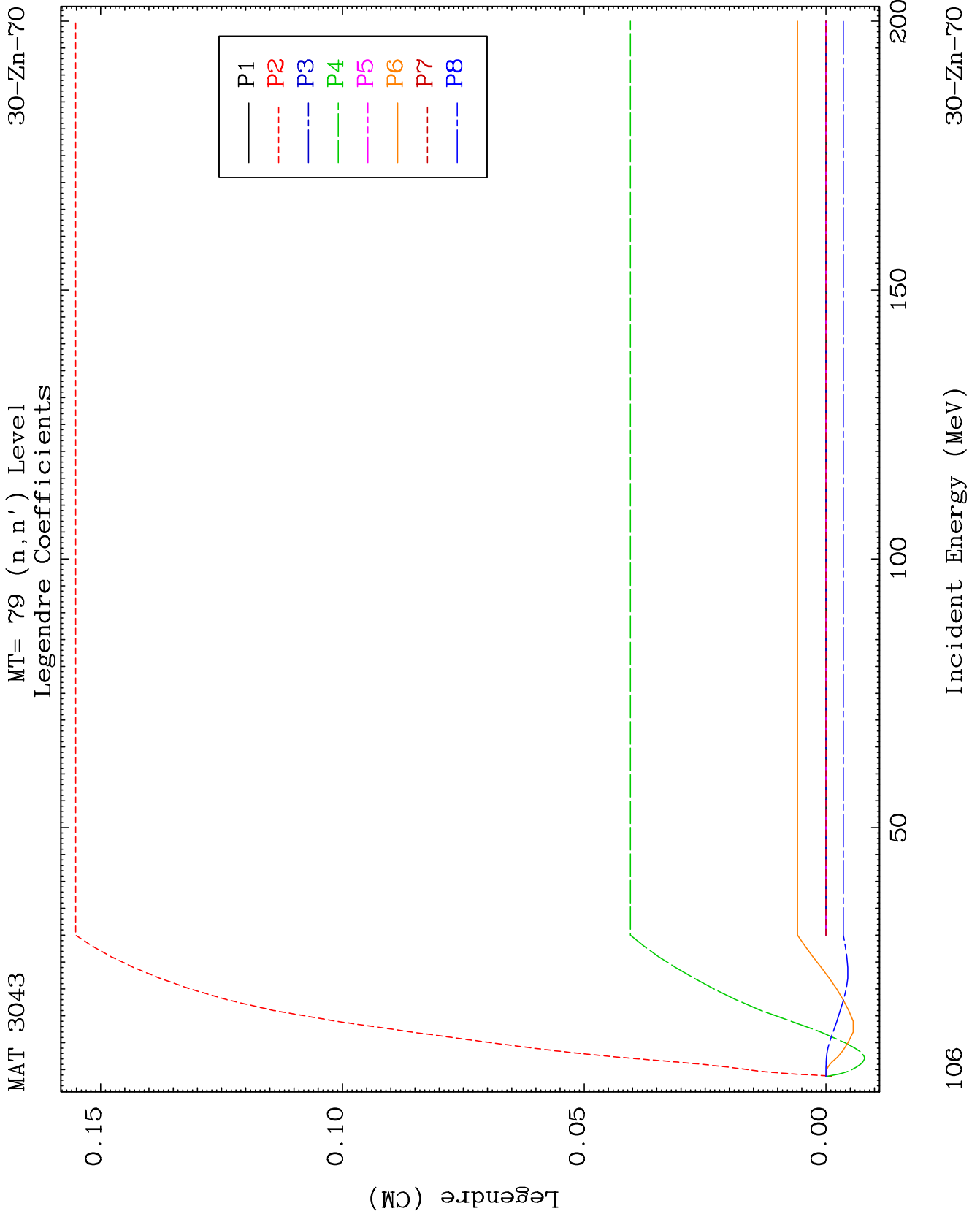


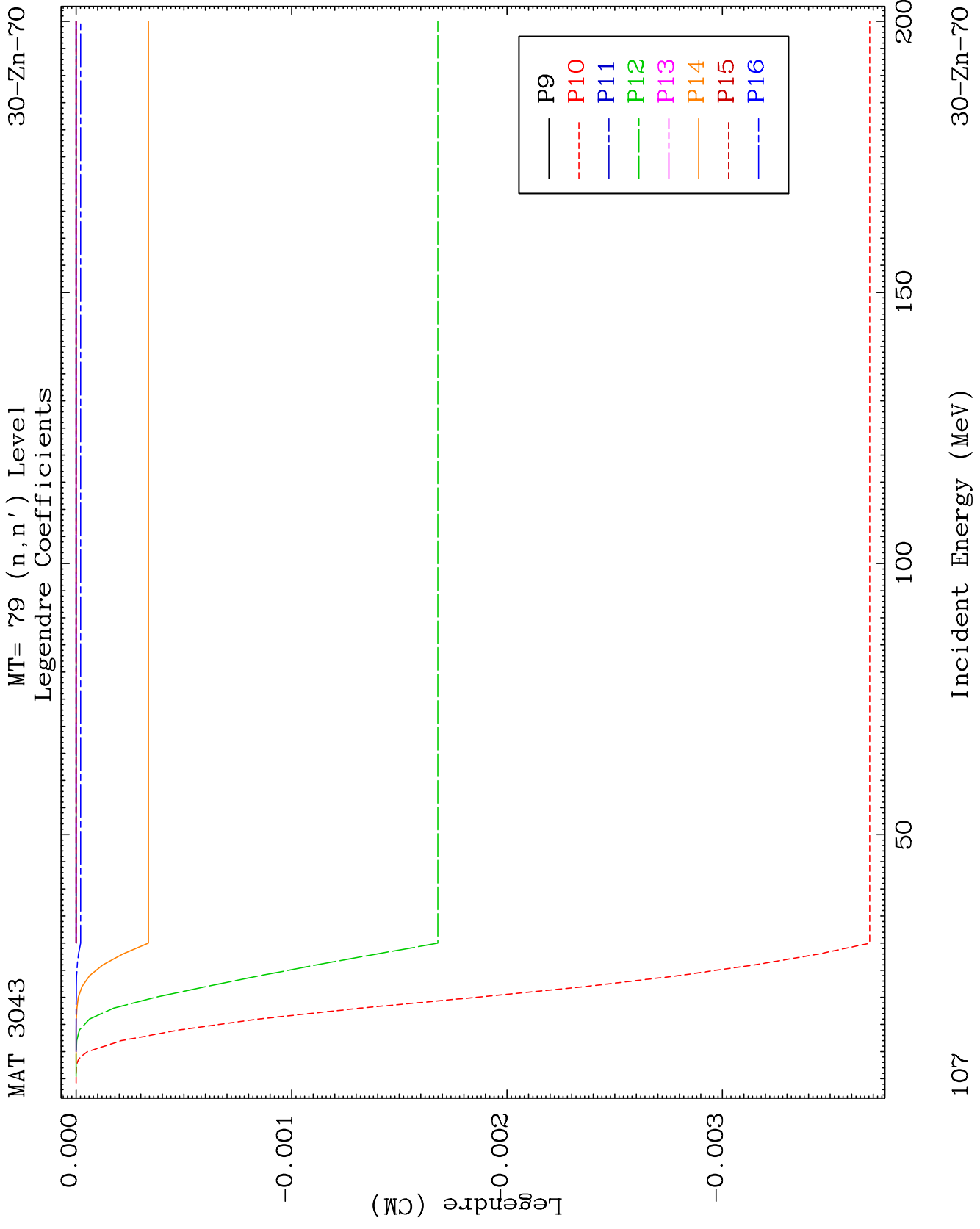
104

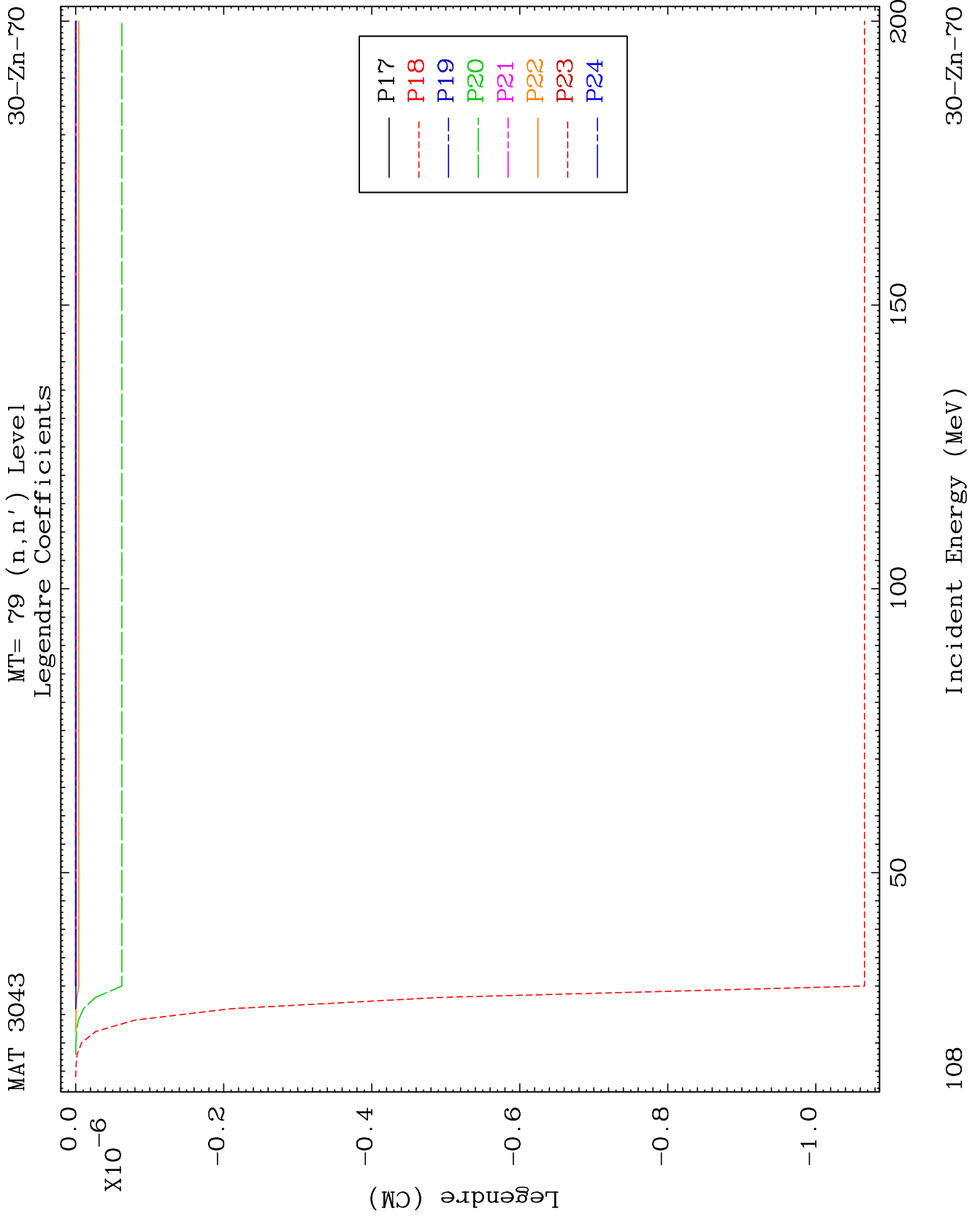
Incident Energy (MeV)

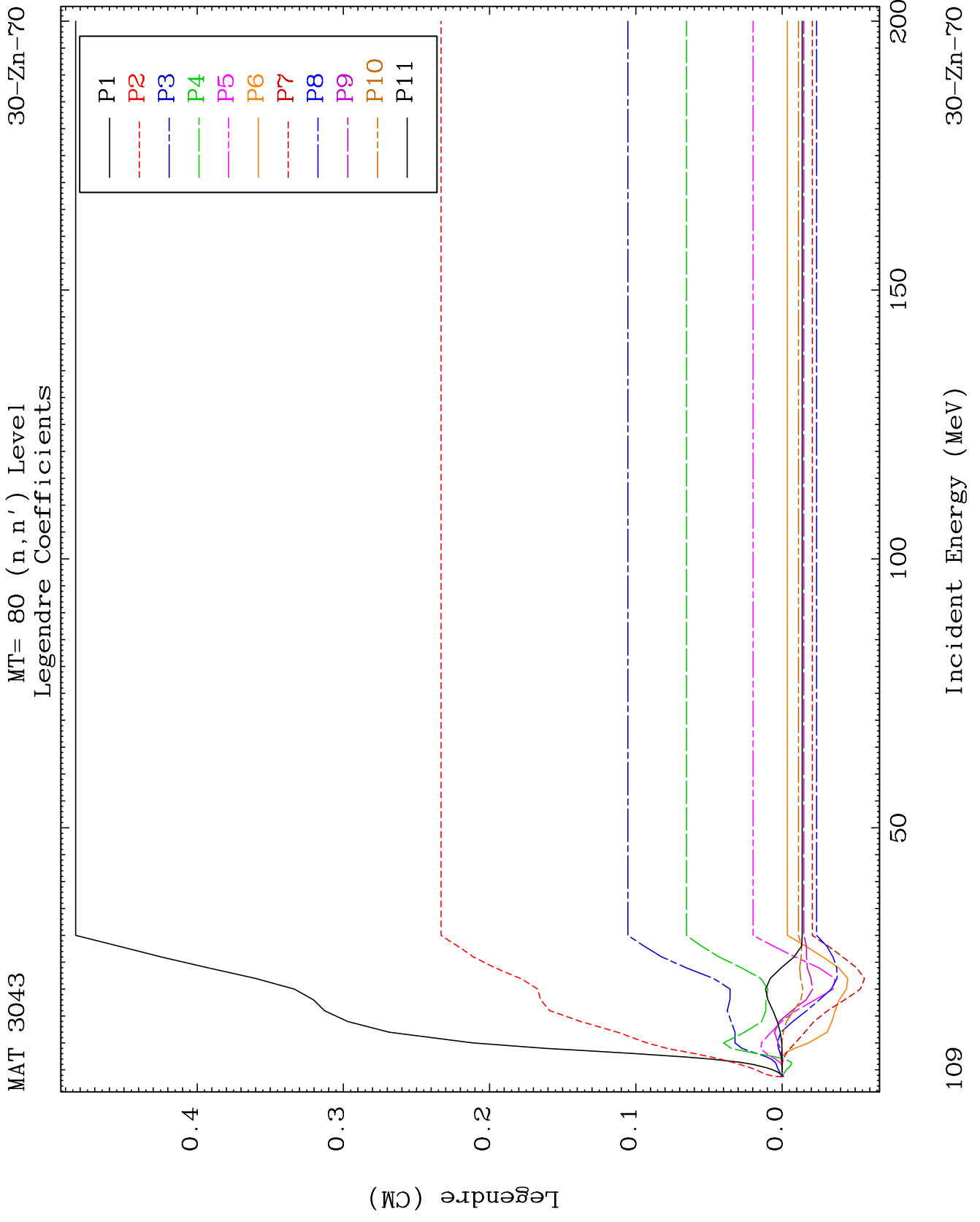
30-Zn-70

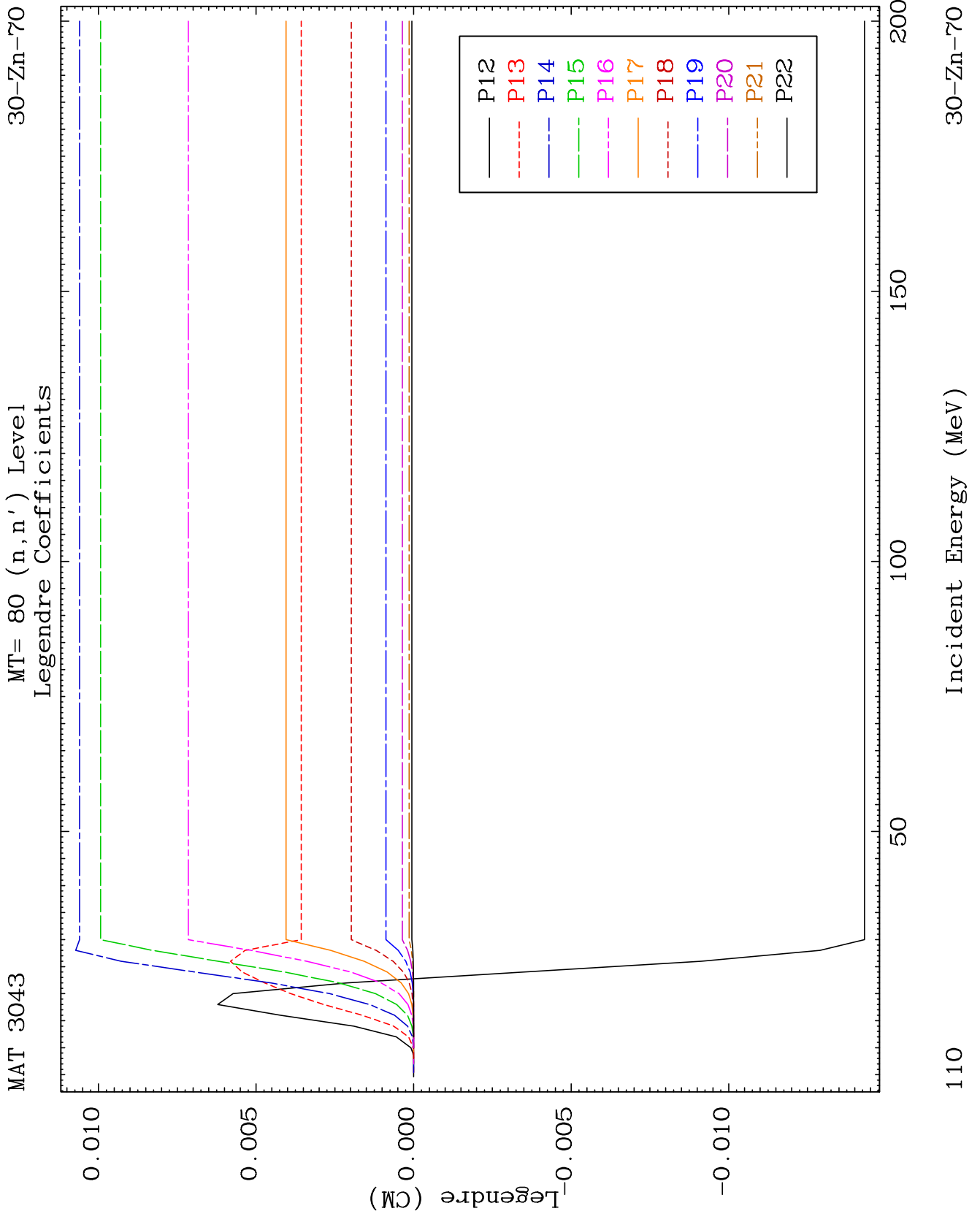








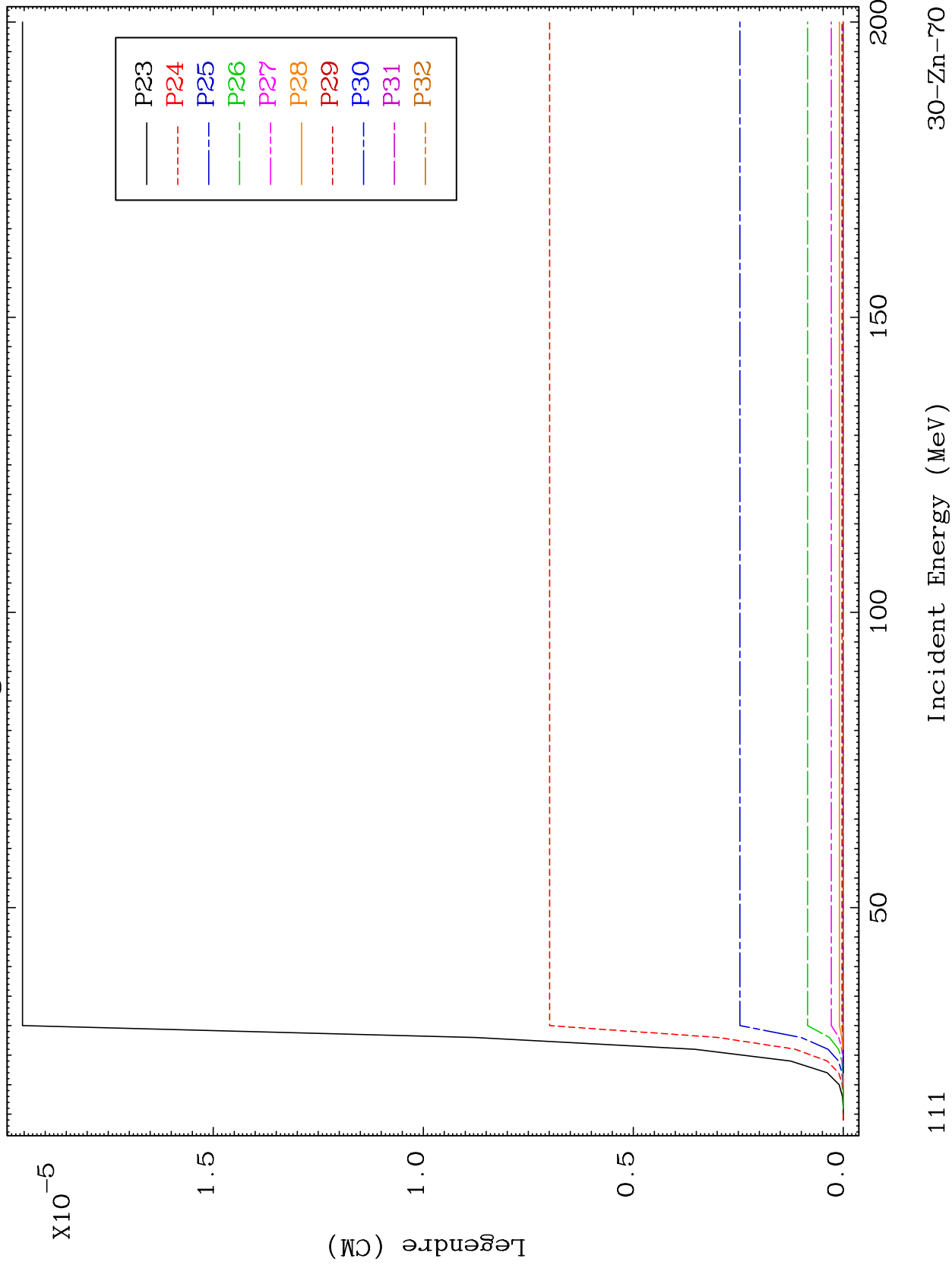




MAT 3043

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

30-Zn-70



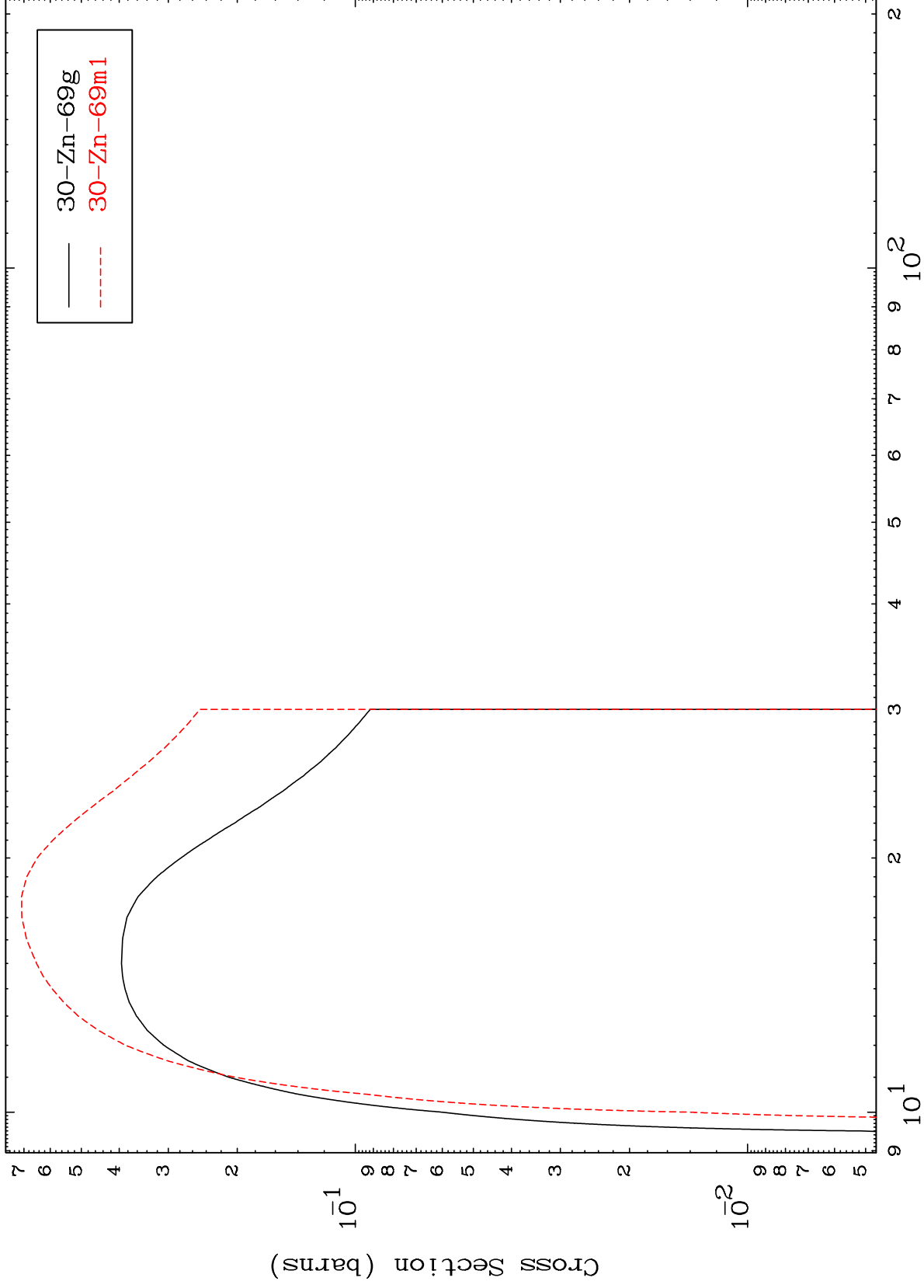
111

MAT 3043

(n,2n)

30-Zn-70

Radionuclide Production Cross Section



112

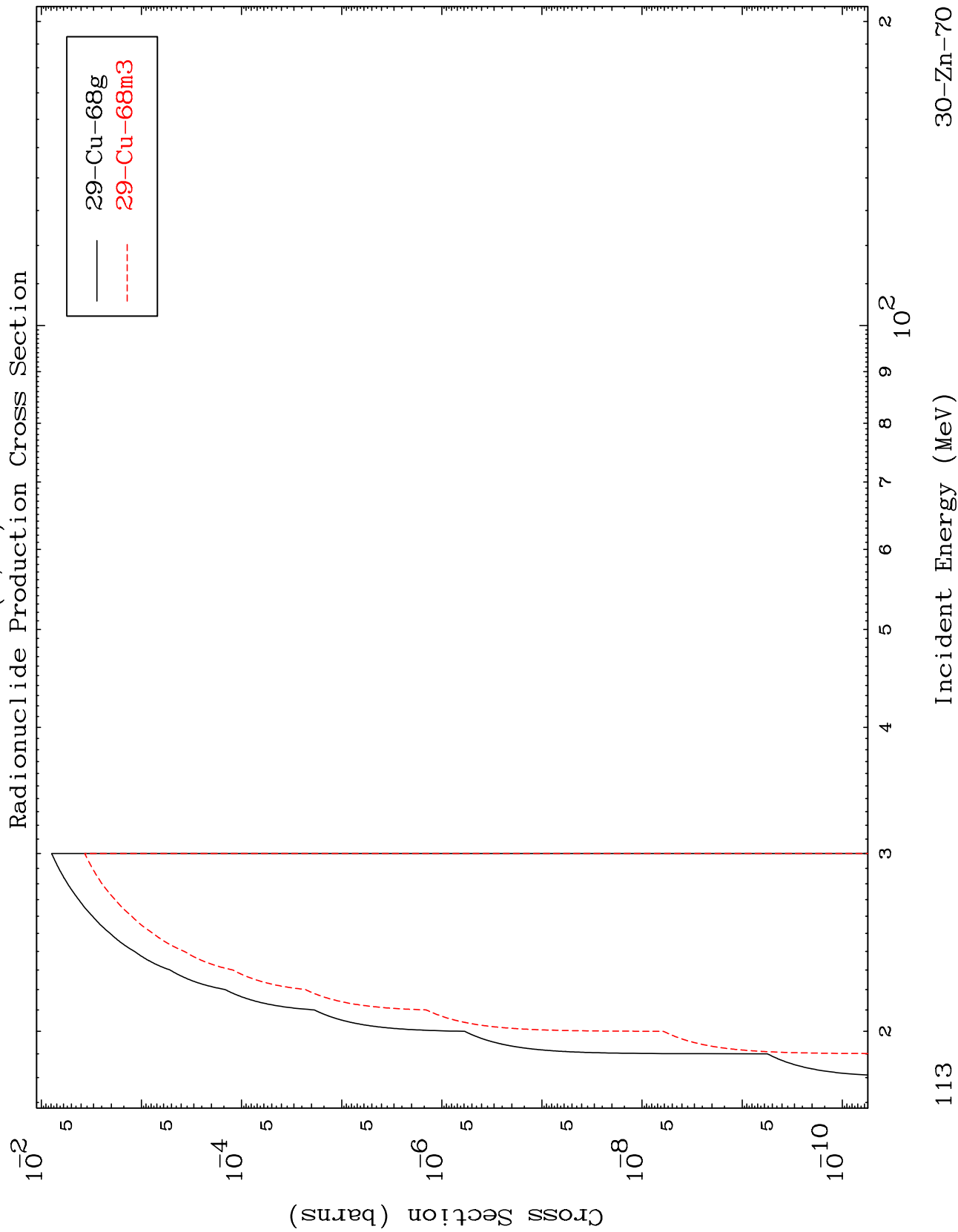
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,n') d

30-Zn-70



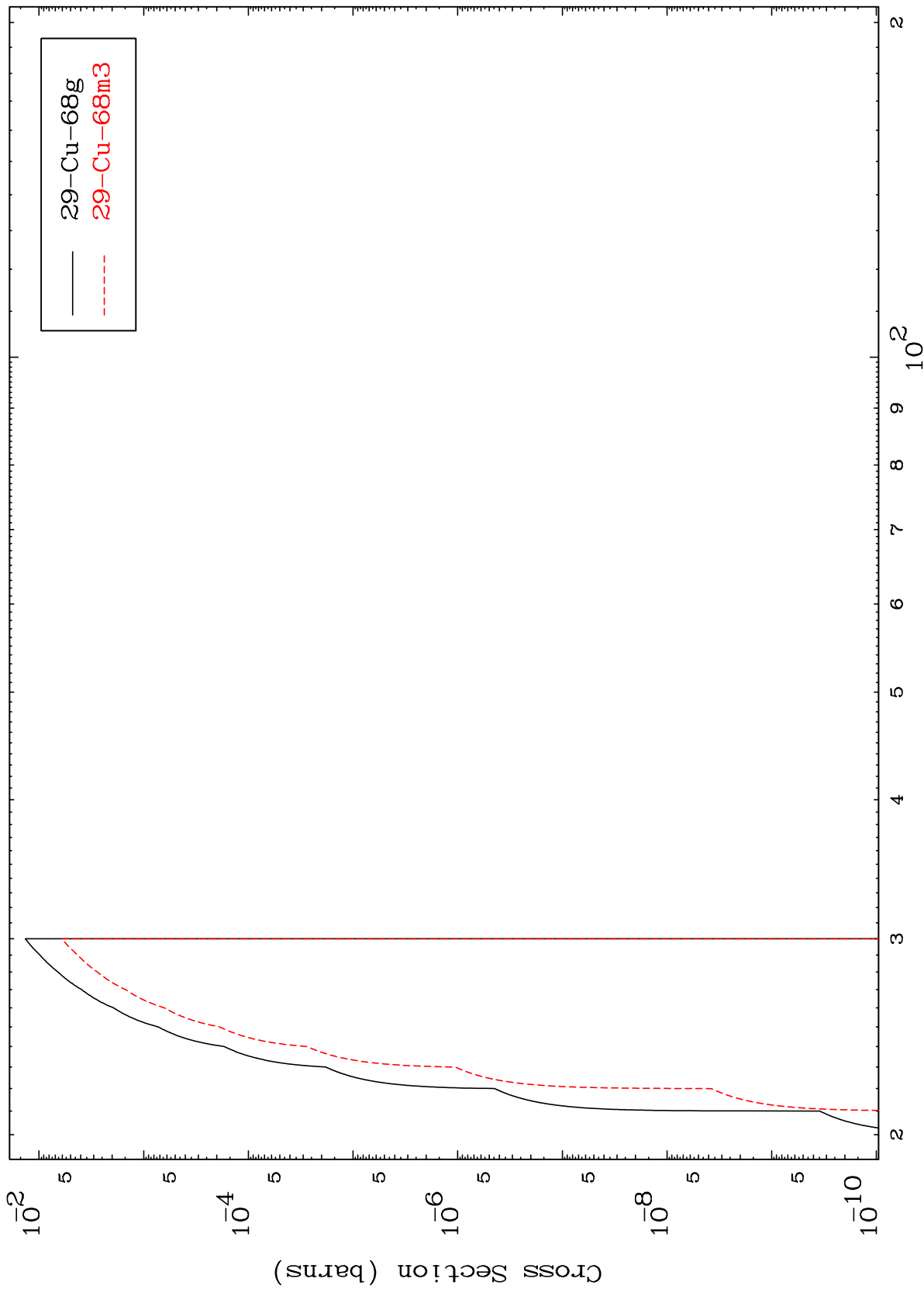
113

MAT 3043

(n,2n) p

30-Zn-70

Radionuclide Production Cross Section



114

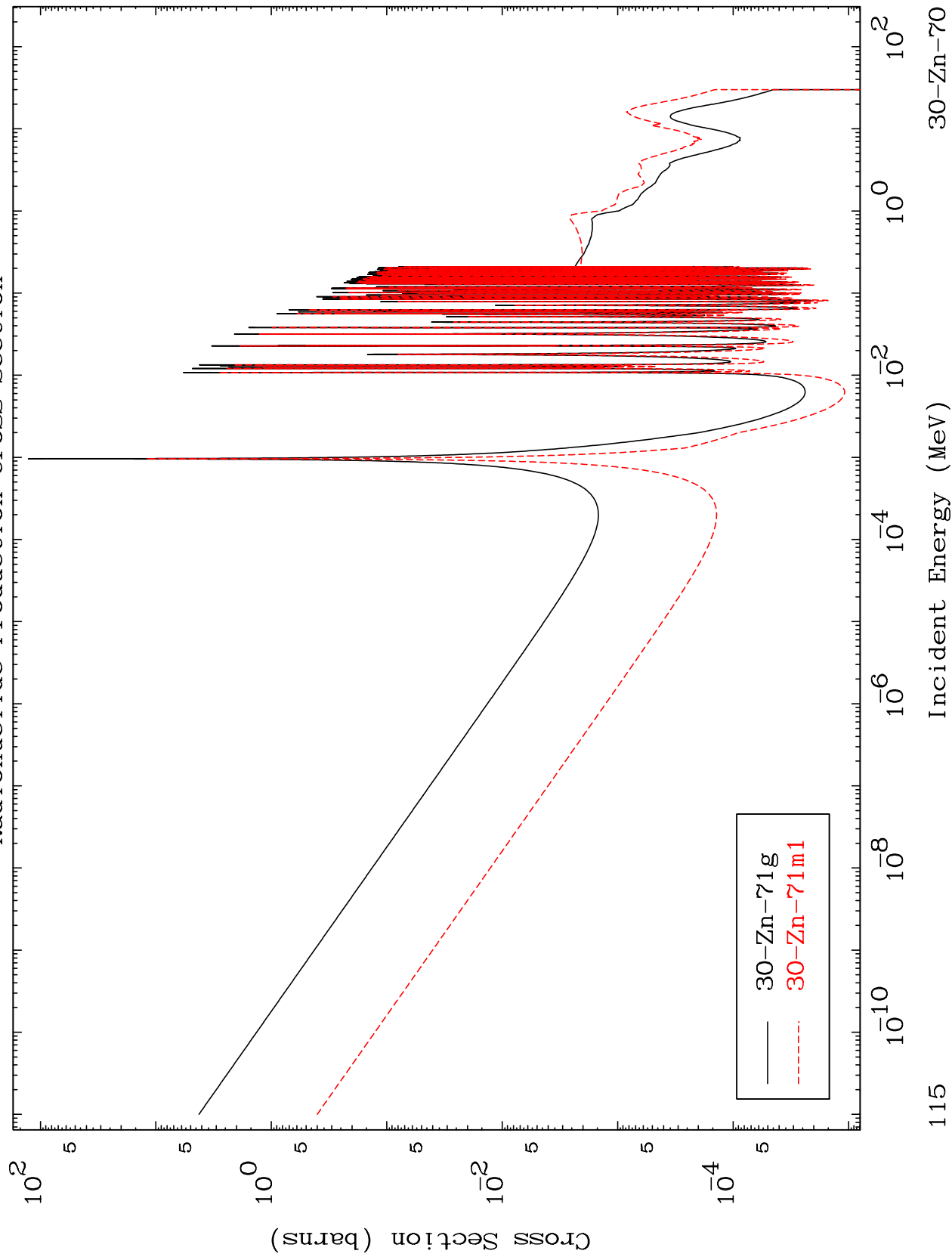
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

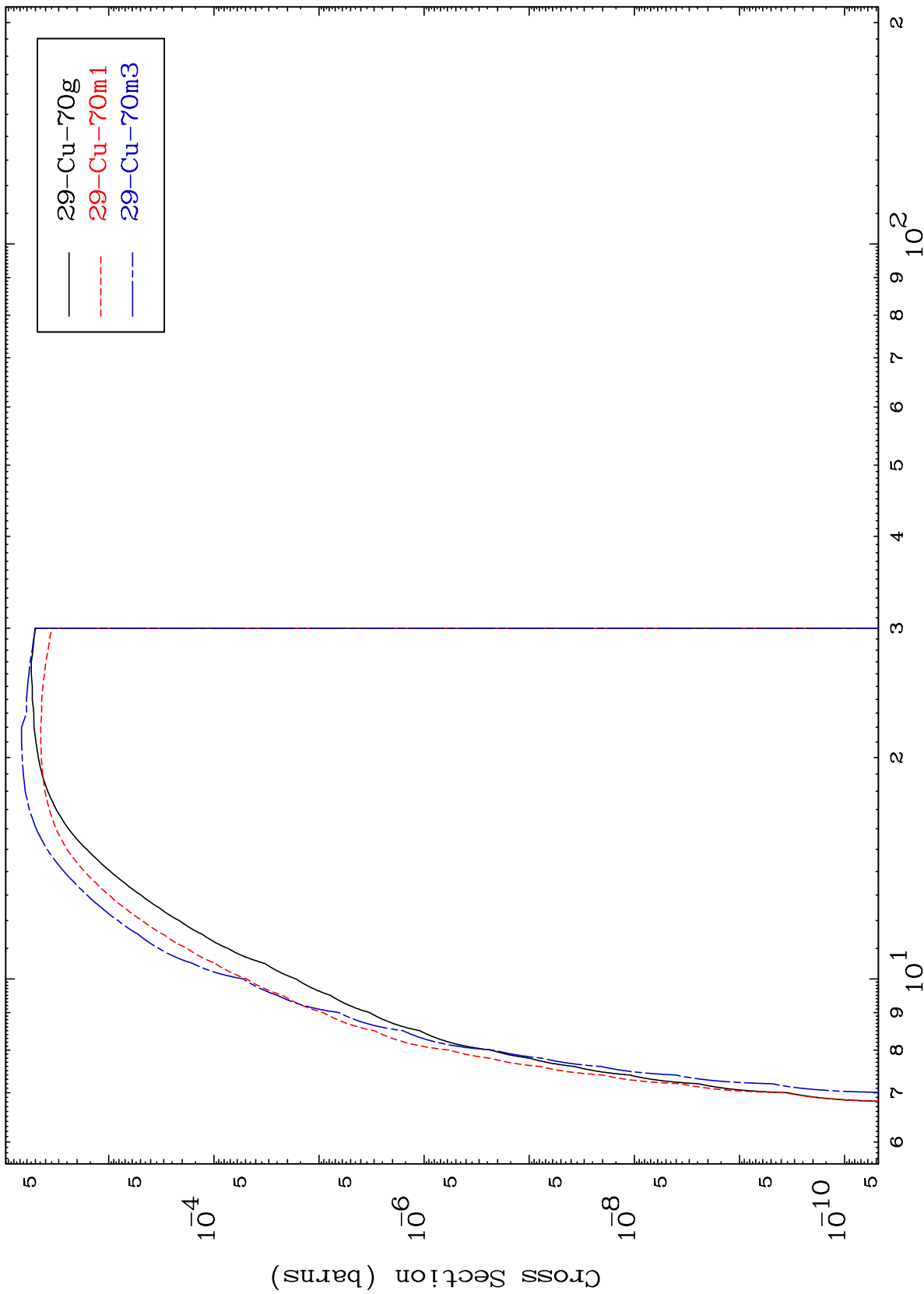
(n, γ)
Radionuclide Production Cross Section



MAT 3043

30-Zn-70

(n,p)
Radionuclide Production Cross Section

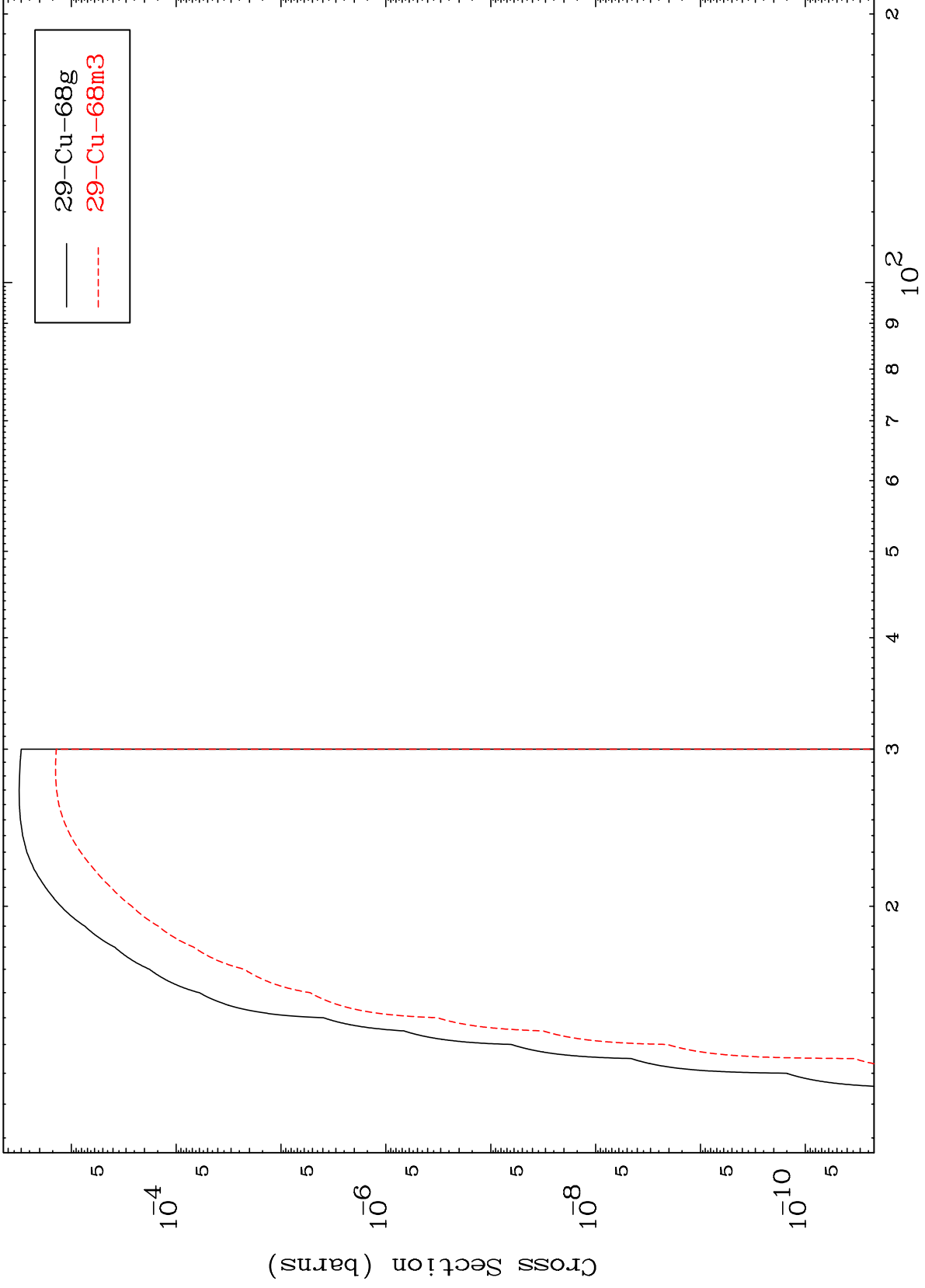


116

Incident Energy (MeV)

30-Zn-70

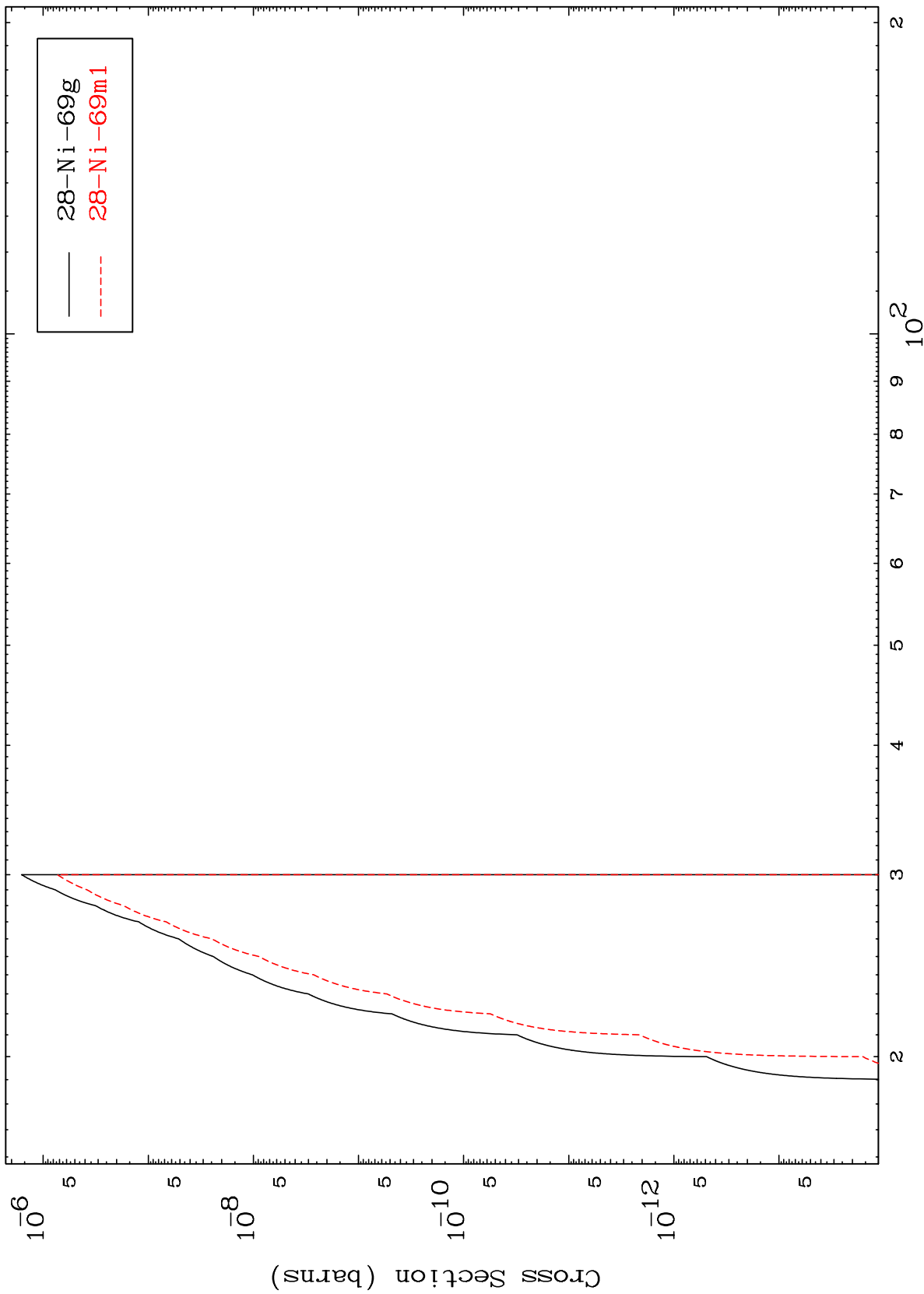
(n,t)
Radionuclide Production Cross Section



MAT 3043

30-Zn-70

(n,2p)
Radionuclide Production Cross Section



118

Incident Energy (MeV)

30-Zn-70