

Program EVALPLOT
(Version 2018-1)

by

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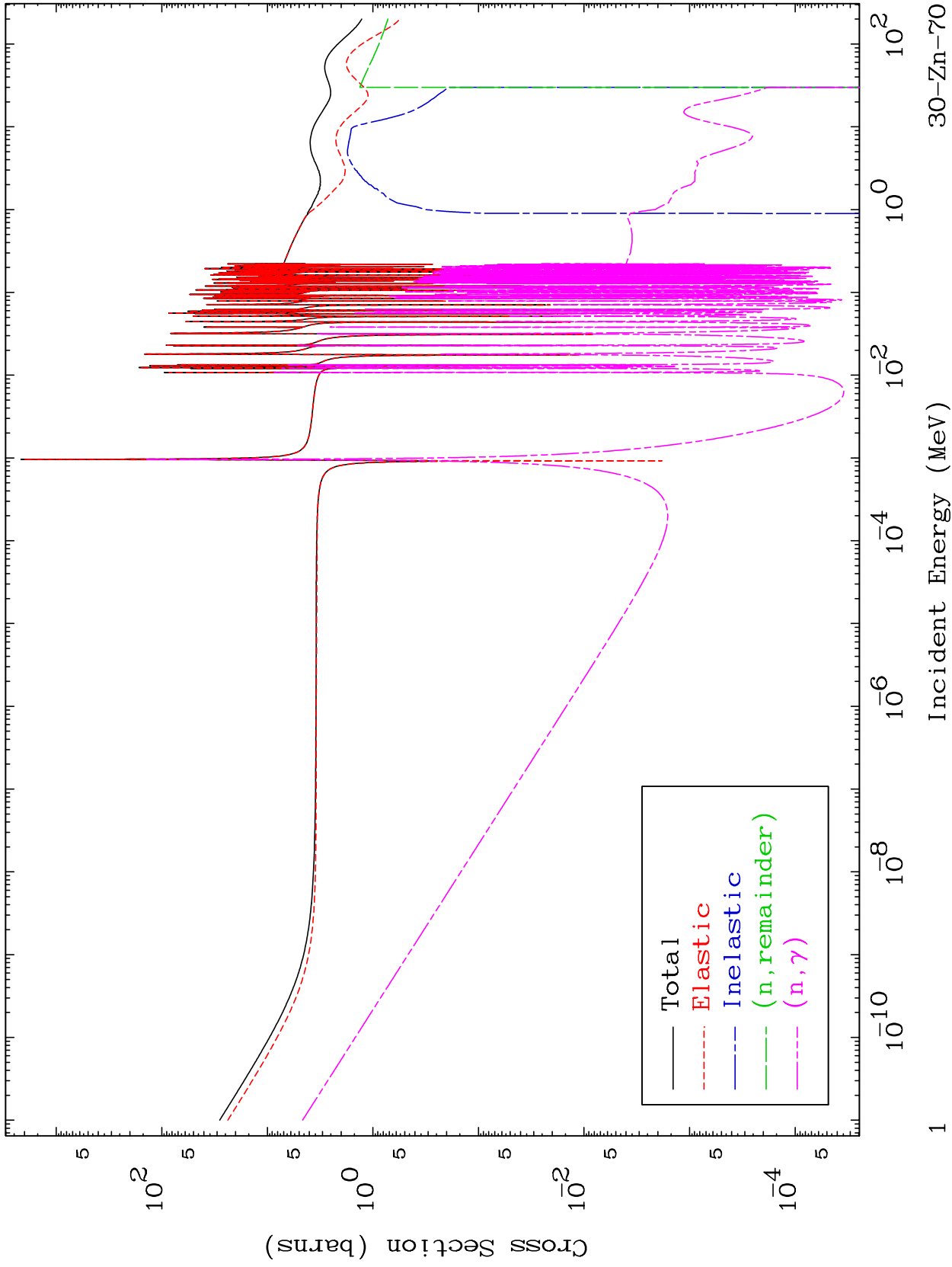
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Press Mouse Button to Start

MAT 3043

Major
293 Kelvin Cross Sections

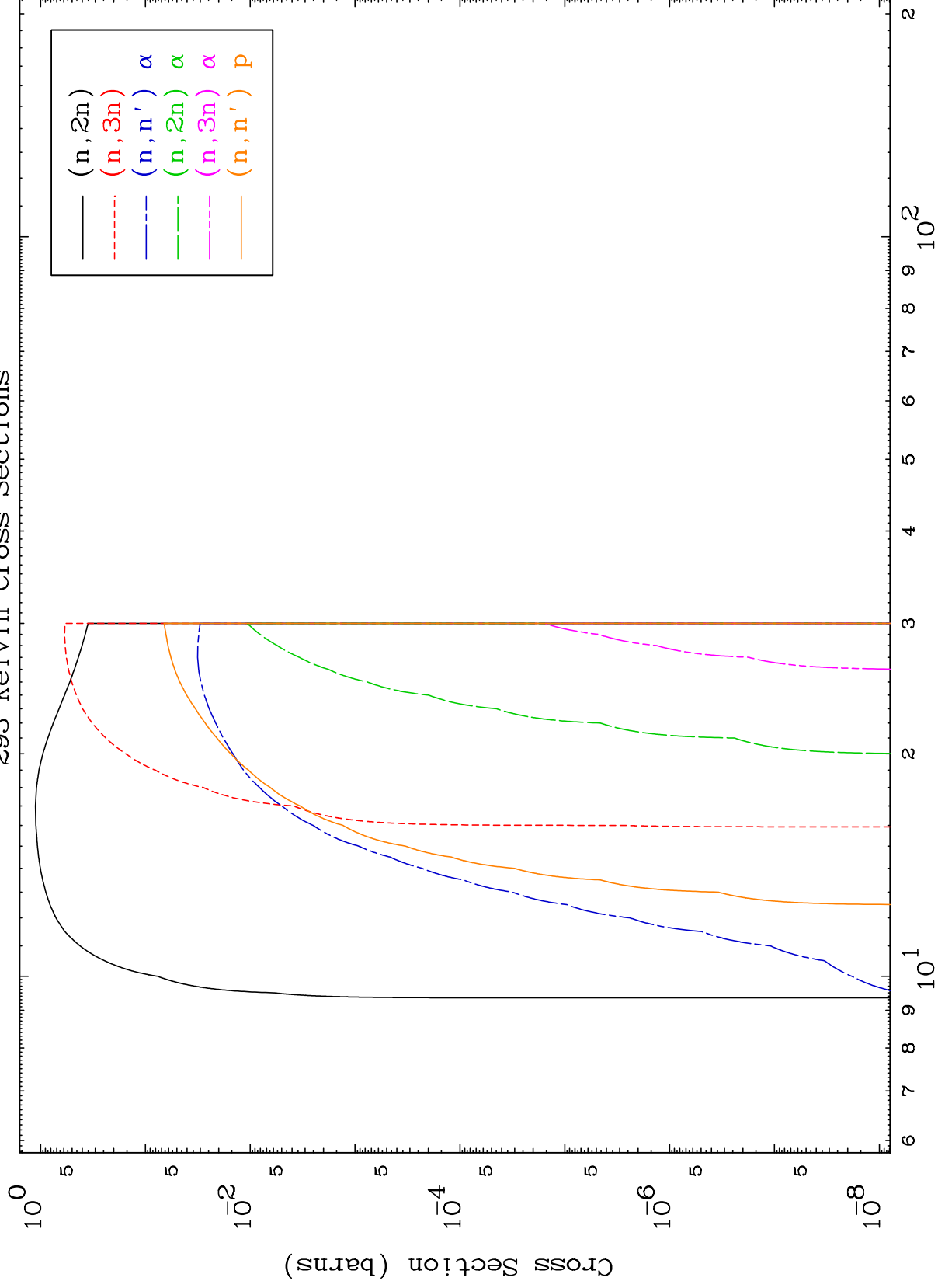
30-Zn-70



MAT 3043

Neutron Production
293 Kelvin Cross Sections

30-Zn-70



2

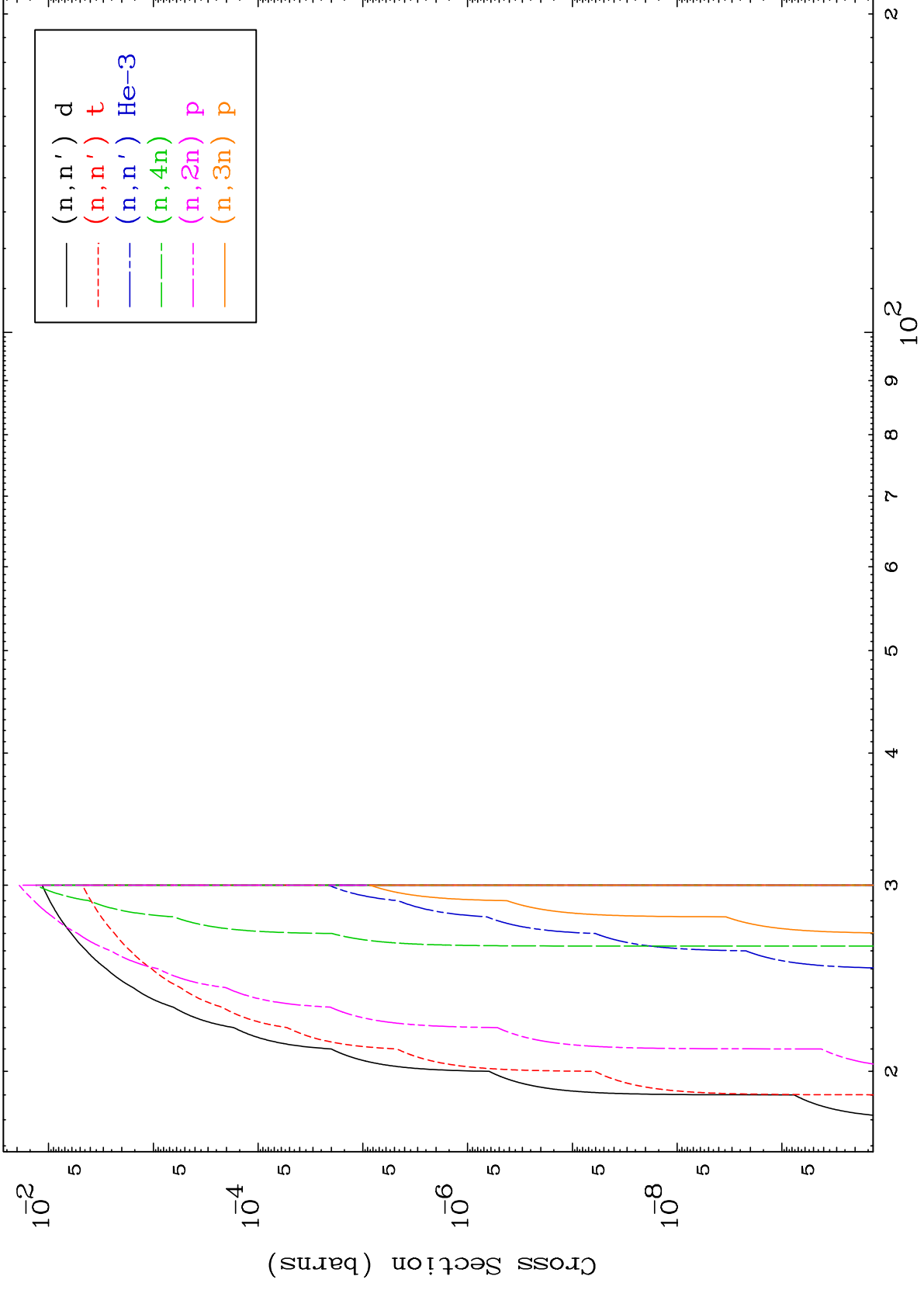
Incident Energy (MeV)

30-Zn-70

MAT 3043

Neutron Production
293 Kelvin Cross Sections

30-Zn-70



3

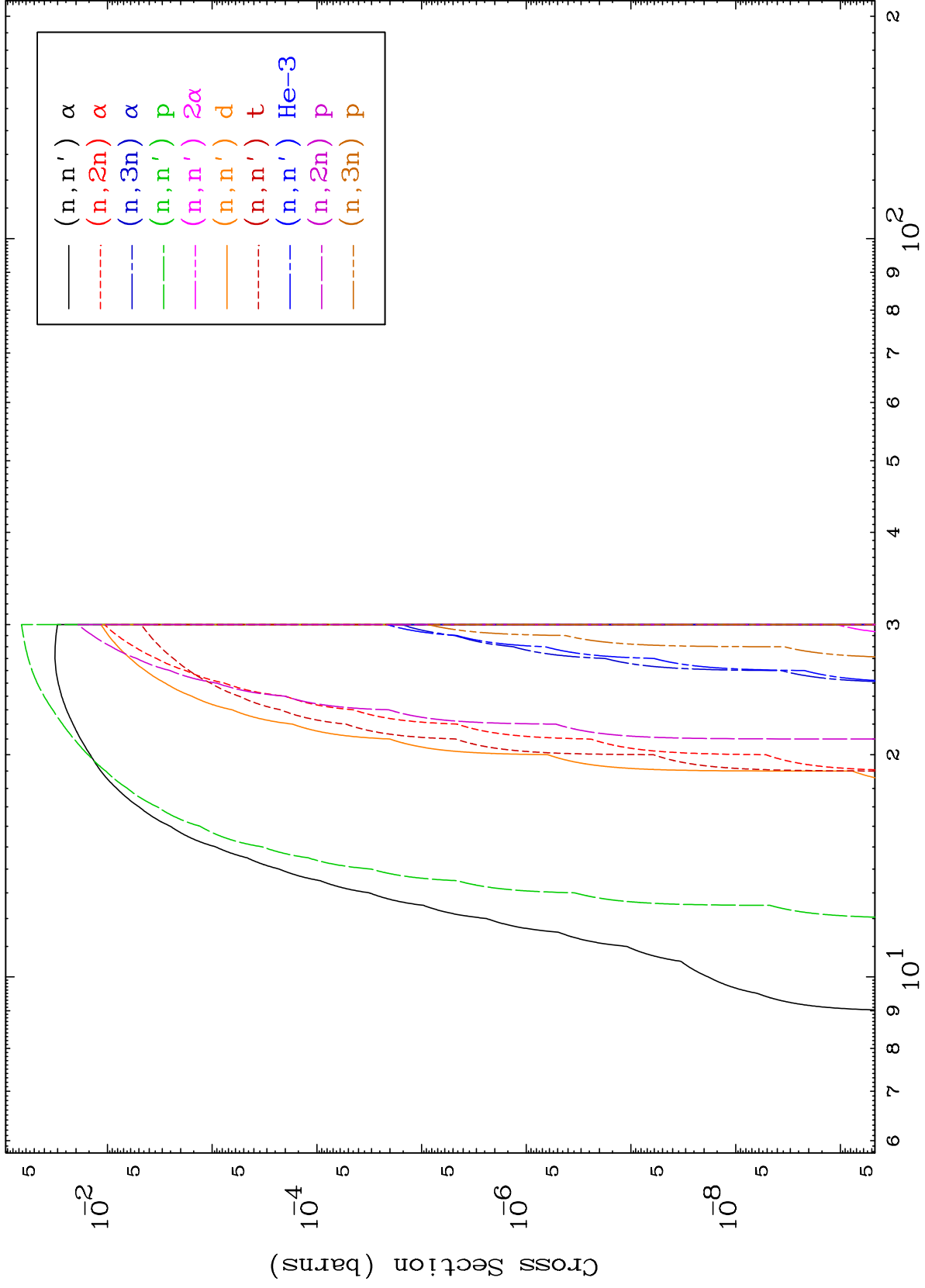
Incident Energy (MeV)

30-Zn-70

MAT 3043

Charged Particle
293 Kelvin Cross Sections

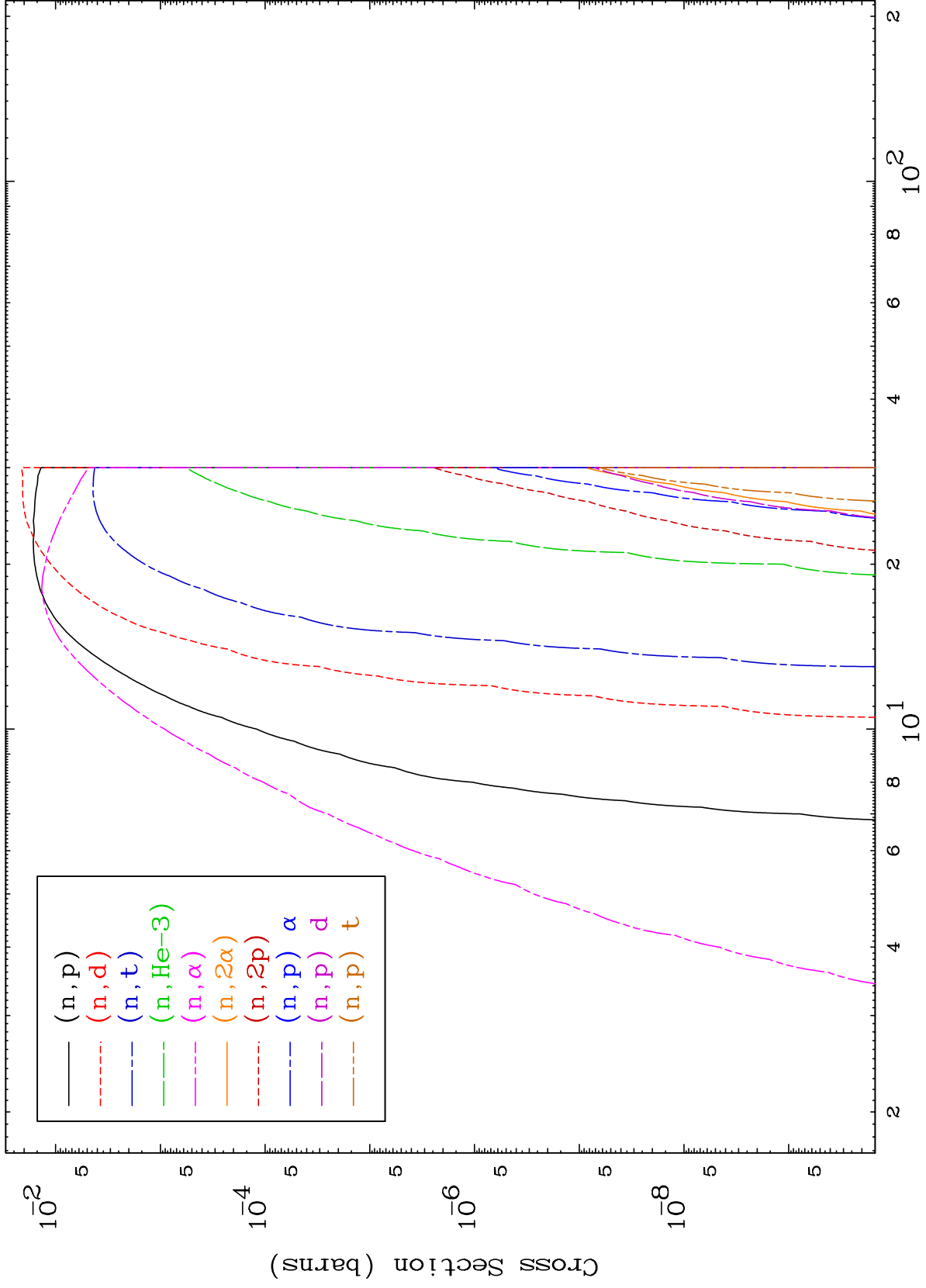
30-Zn-70



MAT 3043

Charged Particle
293 Kelvin Cross Sections

30-Zn-70



5

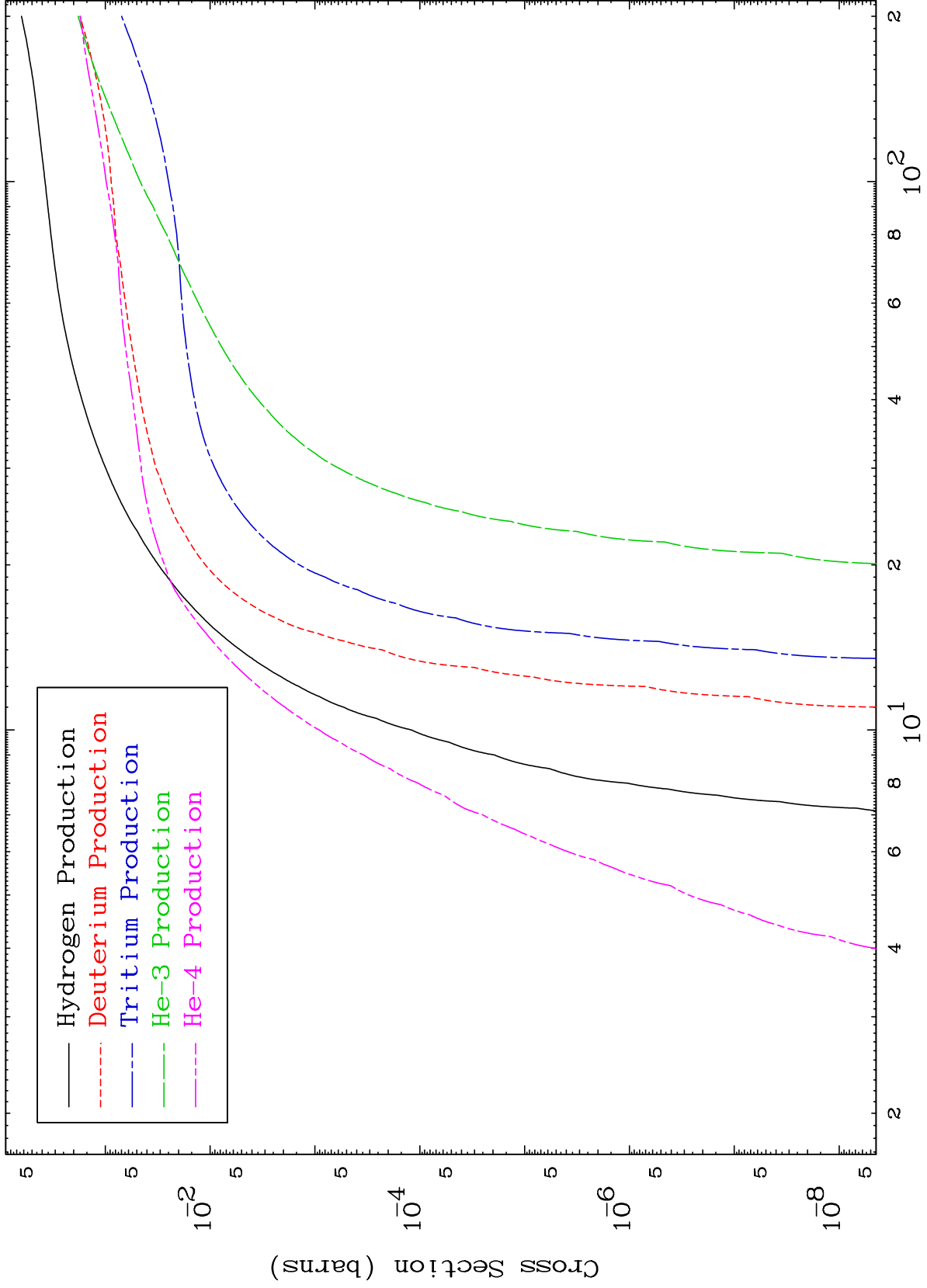
Incident Energy (MeV)

30-Zn-70

MAT 3043

Particle Production
293 Kelvin Cross Sections

30-Zn-70



6

Incident Energy (MeV)

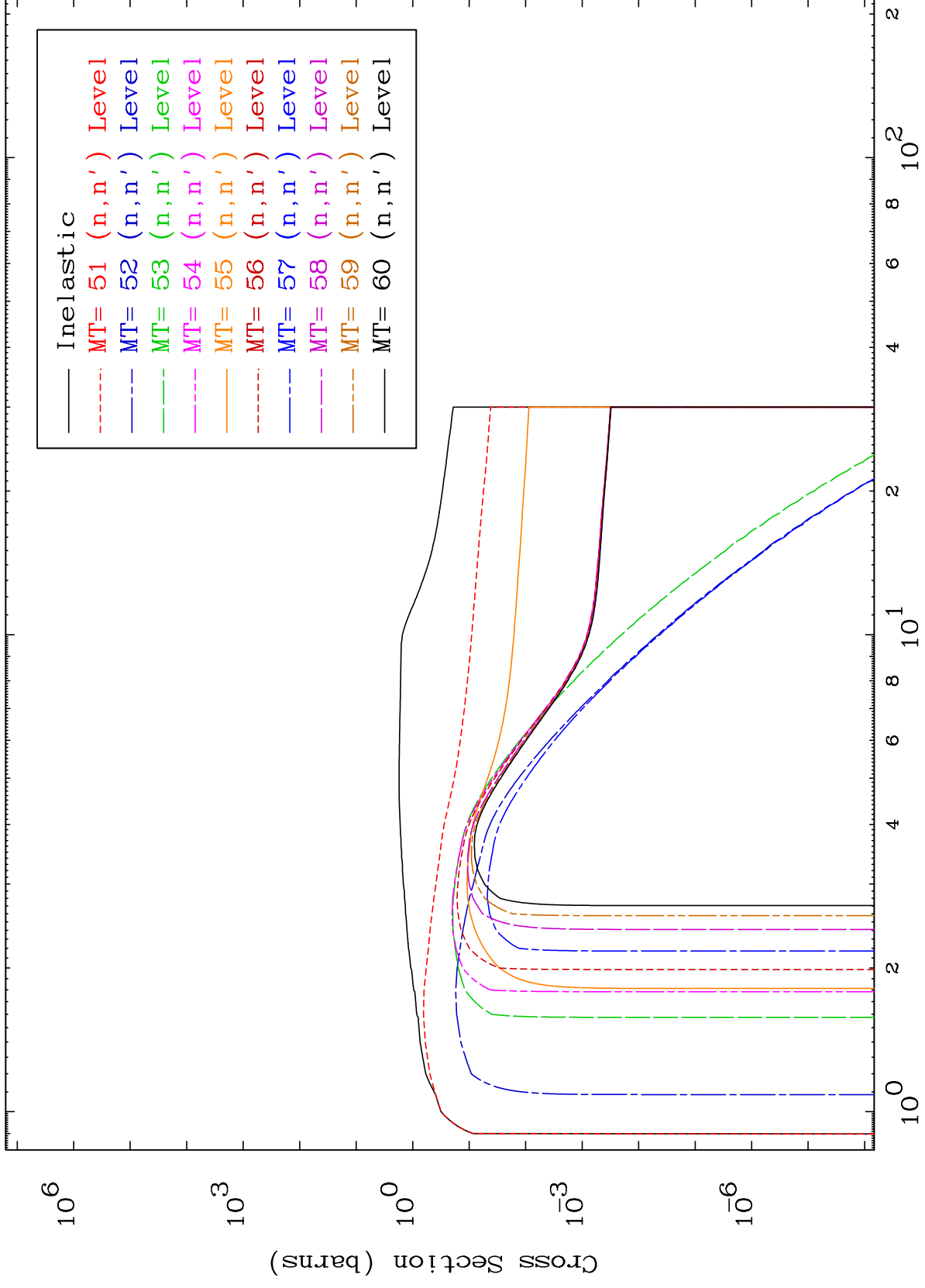
30-Zn-70

MAT 3043

(n,n') Level

30-Zn-70

293 Kelvin Cross Sections



Incident Energy (MeV)

30-Zn-70

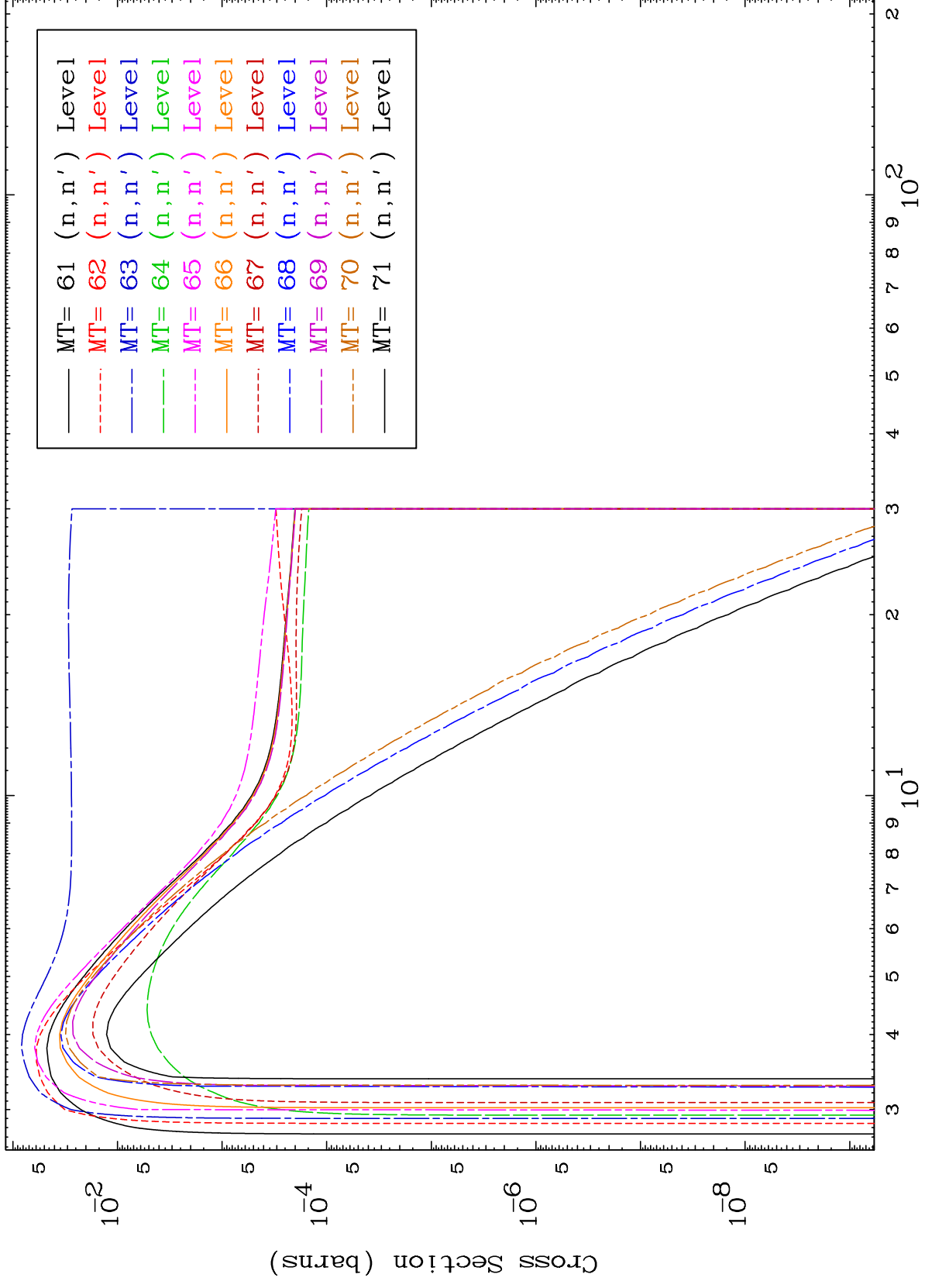
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MAT 3043

(n,n') Level

30-Zn-70

293 Kelvin Cross Sections



Incident Energy (MeV)

30-Zn-70

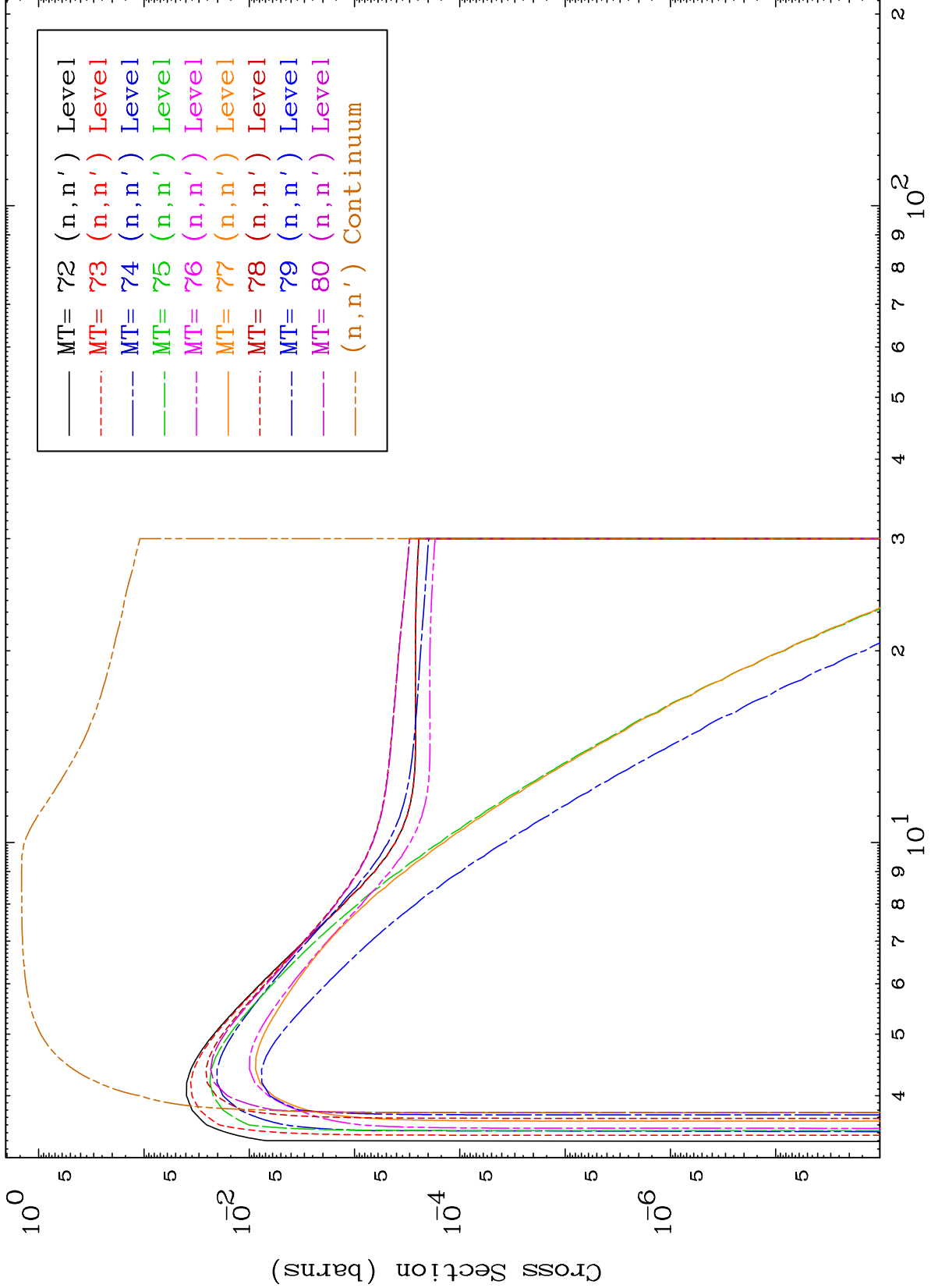
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MAT 3043

(n,n') Level

30-Zn-70

293 Kelvin Cross Sections



9

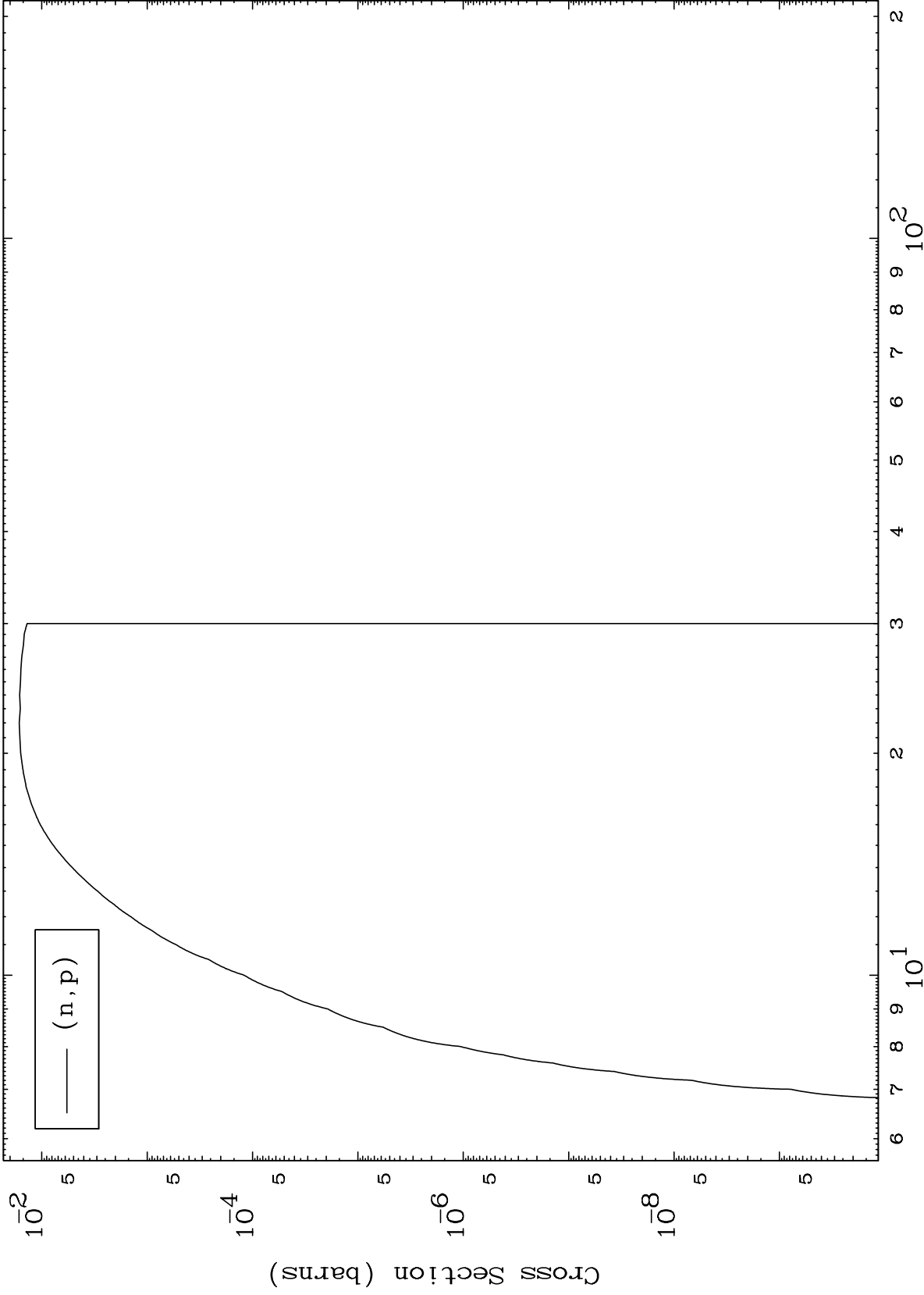
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-70



10

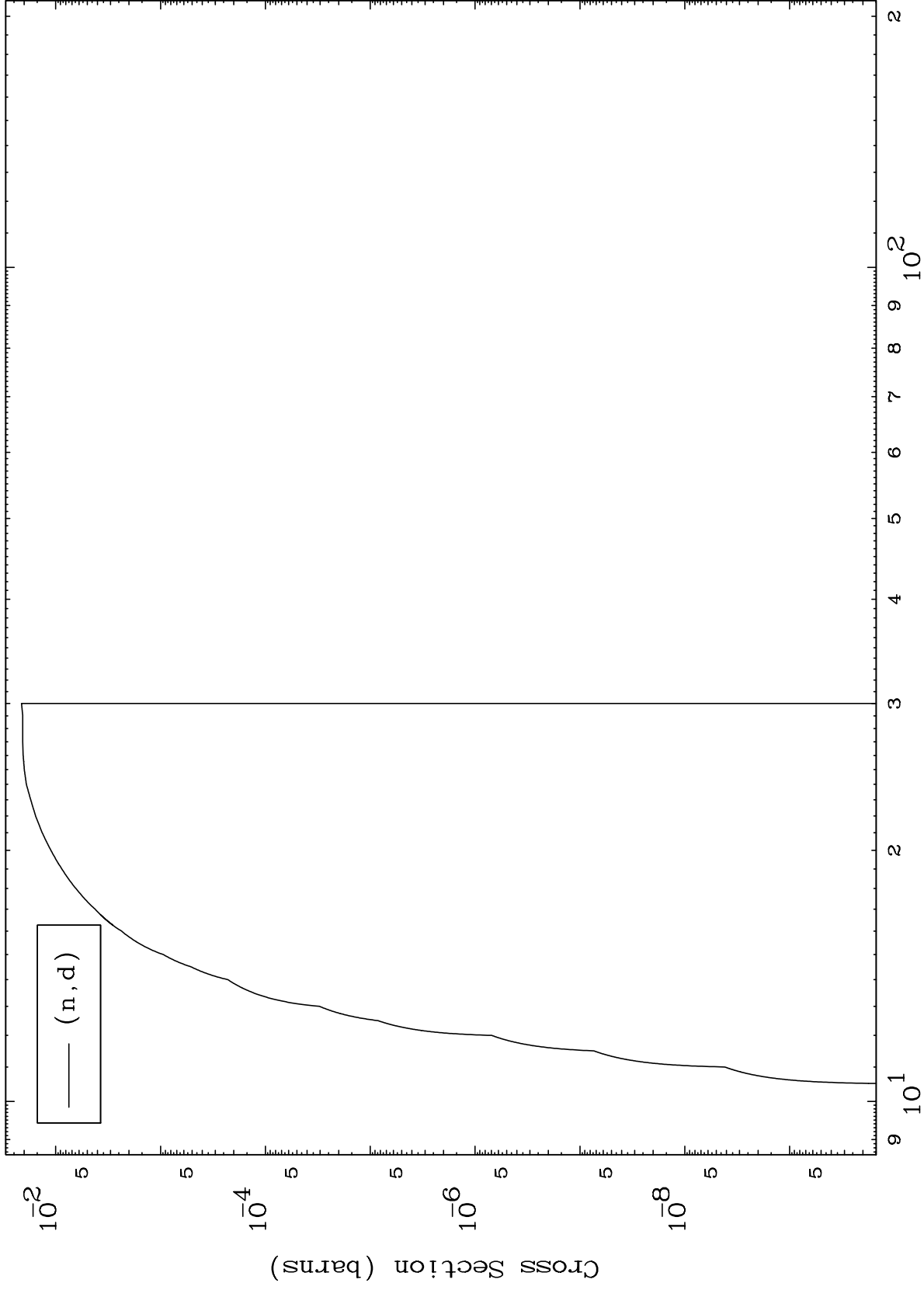
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-70



11

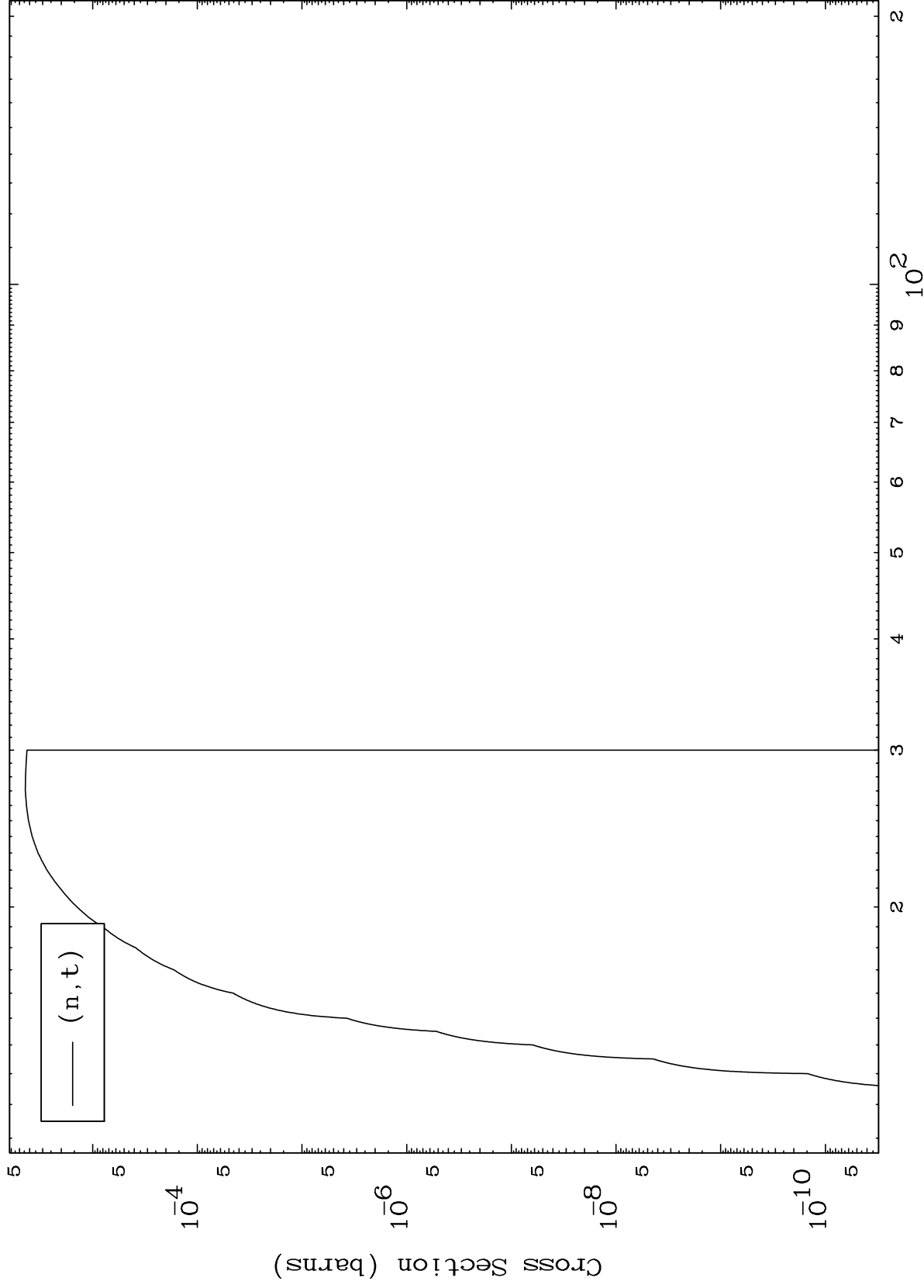
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-70



12

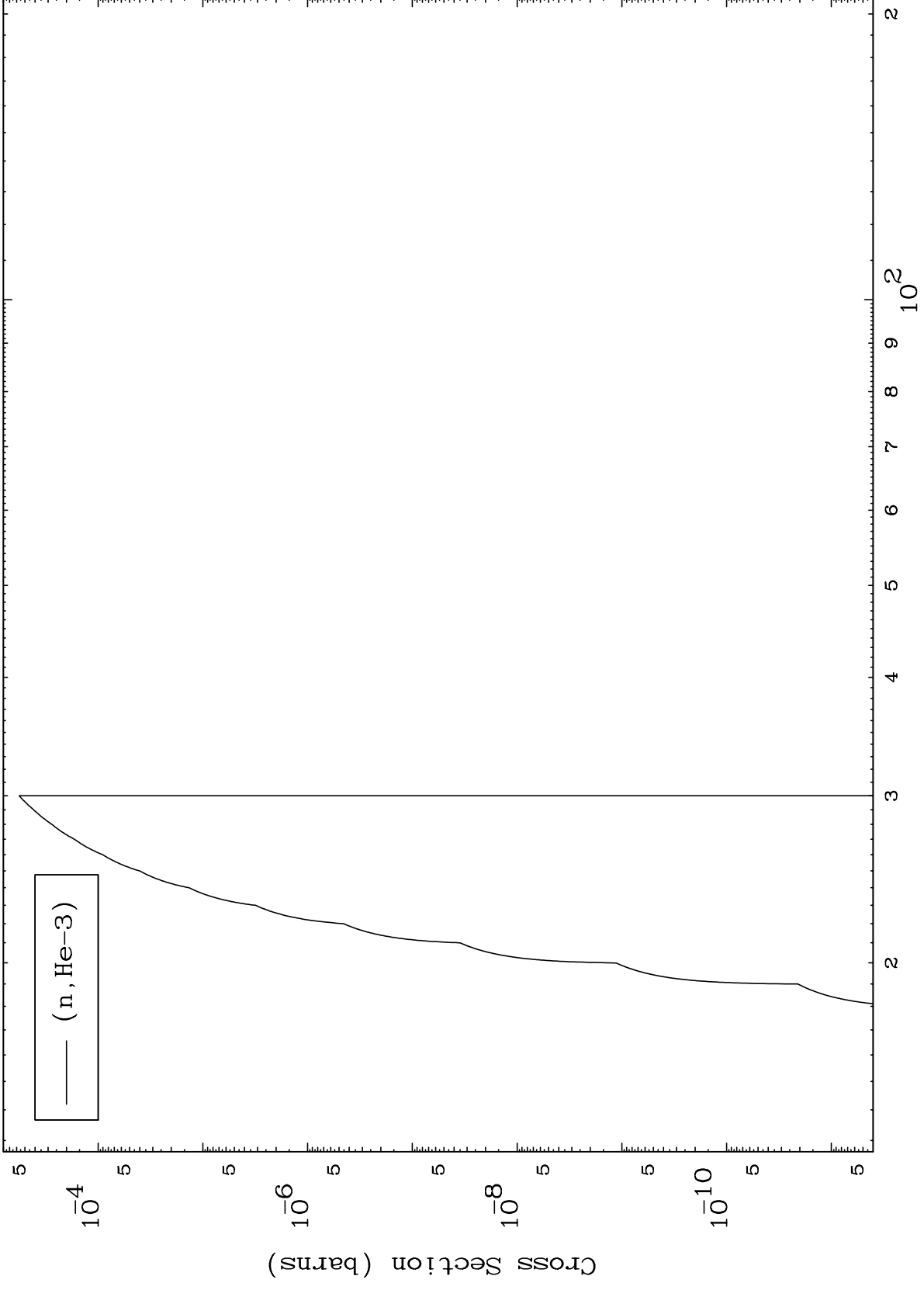
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,He3) Levels
293 Kelvin Cross Sections

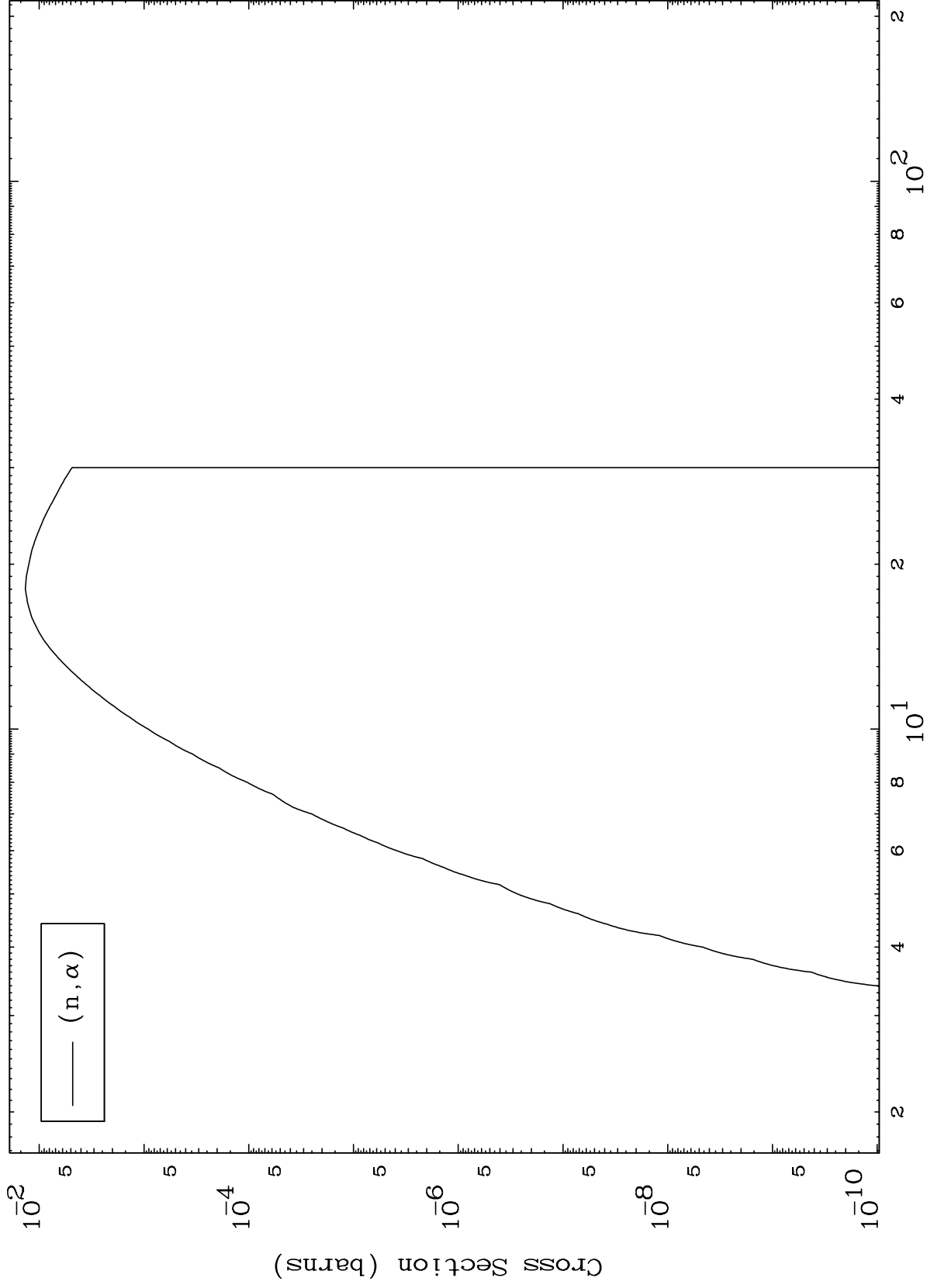
30-Zn-70



MAT 3043

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-70



14

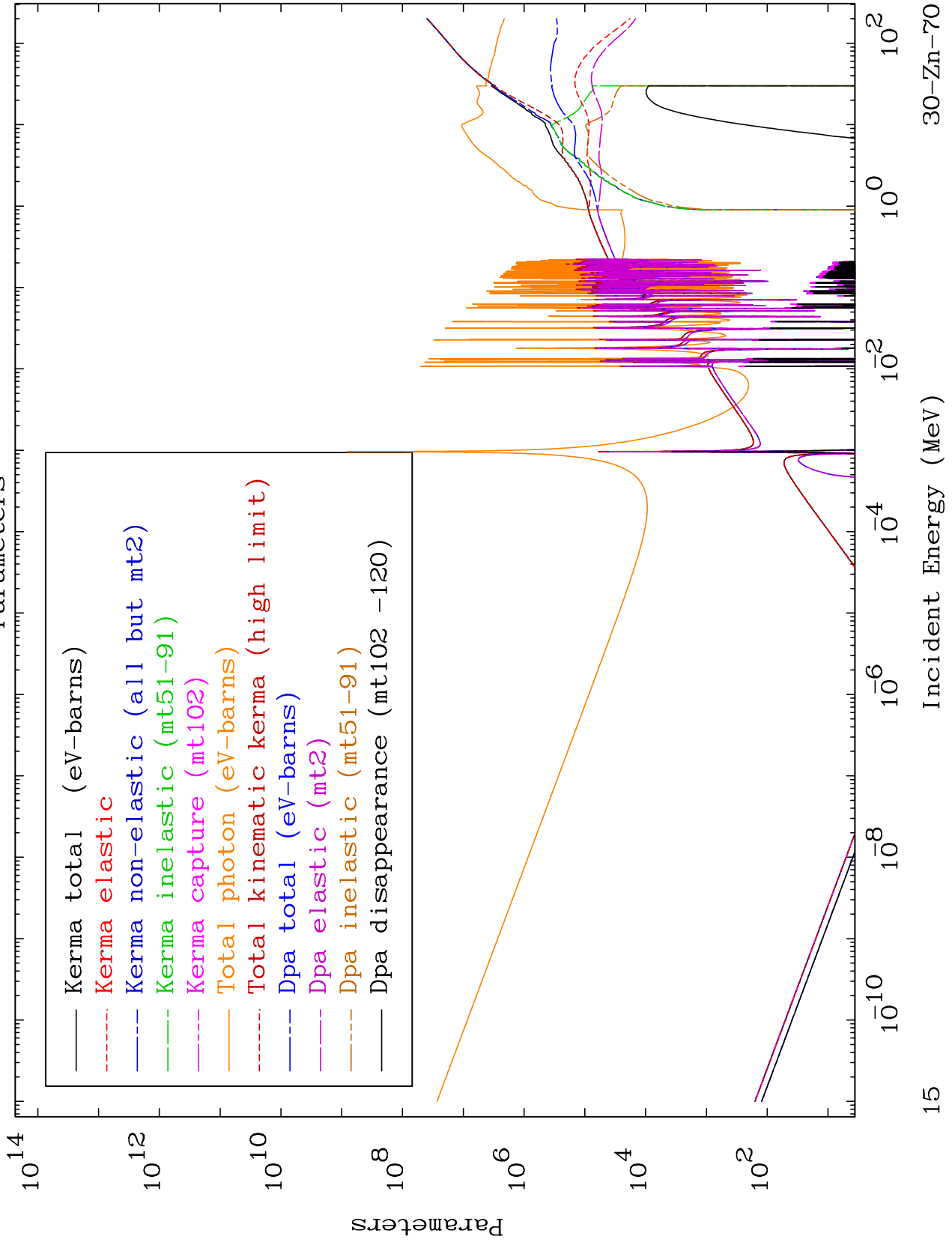
Incident Energy (MeV)

30-Zn-70

MAT 3043

Energy Release
Parameters

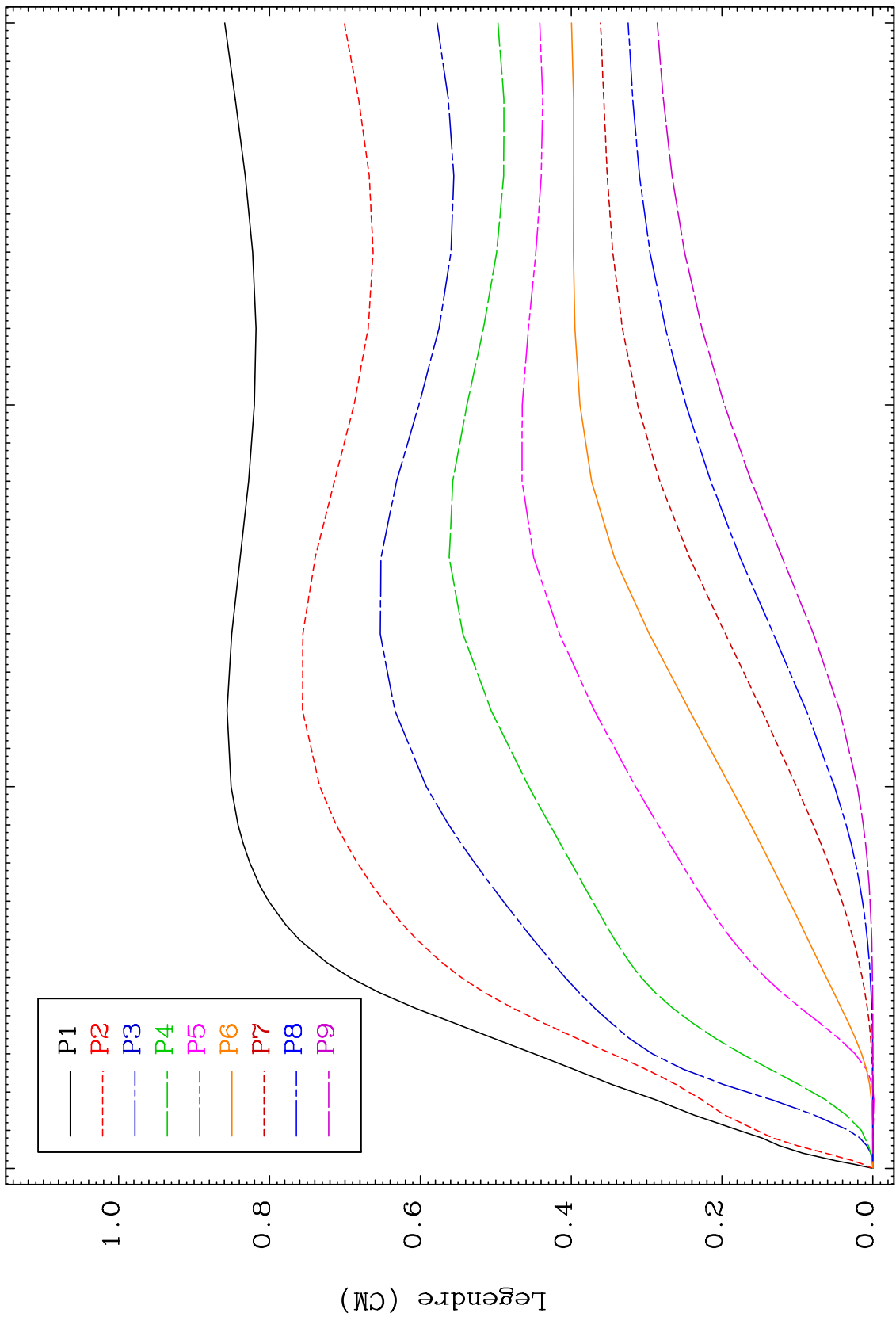
30-Zn-70



MAT 3043

Elastic Legendre Coefficients

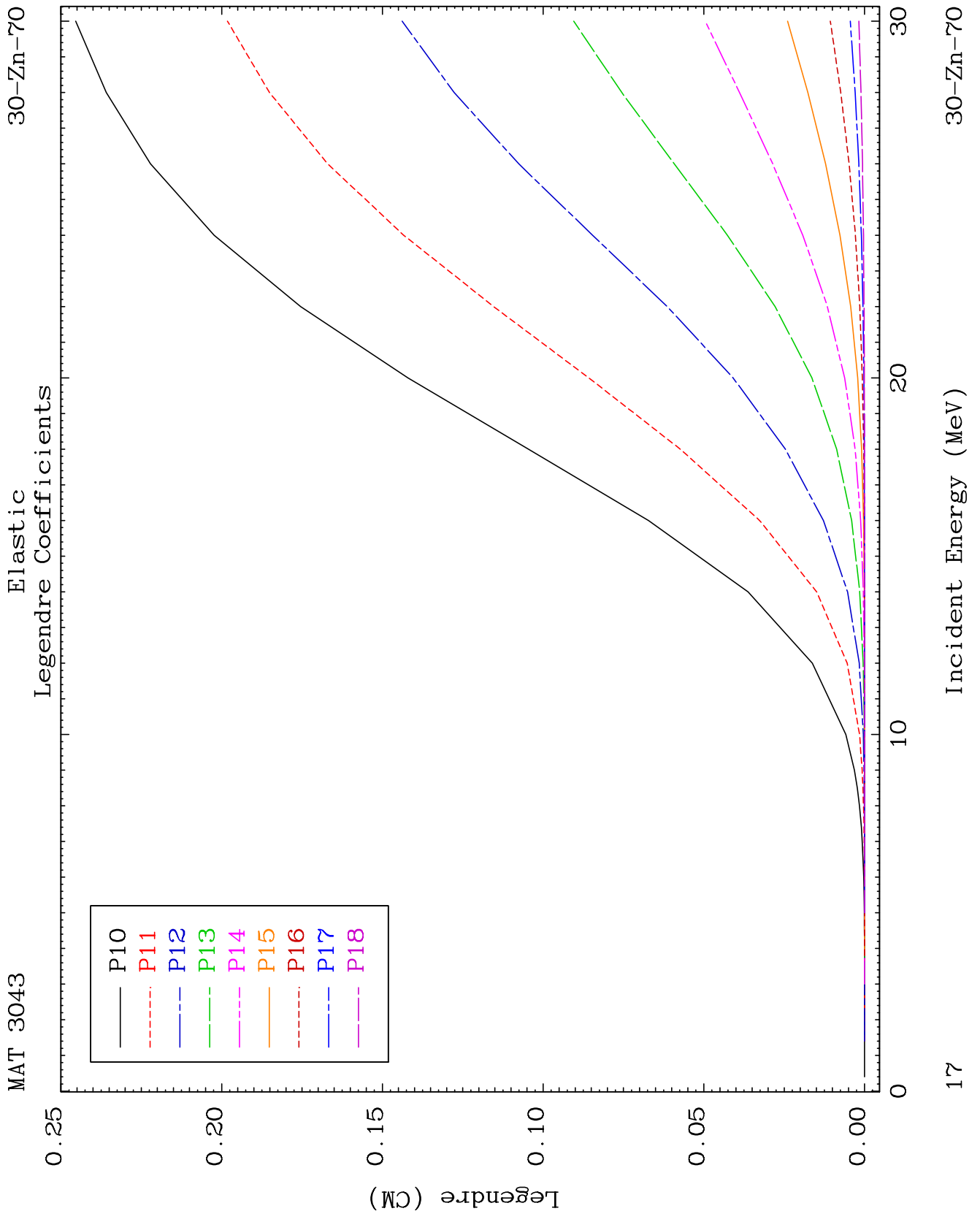
30-Zn-70



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Incident Energy (MeV)

30-Zn-70



MAT 3043

30-Zn-70

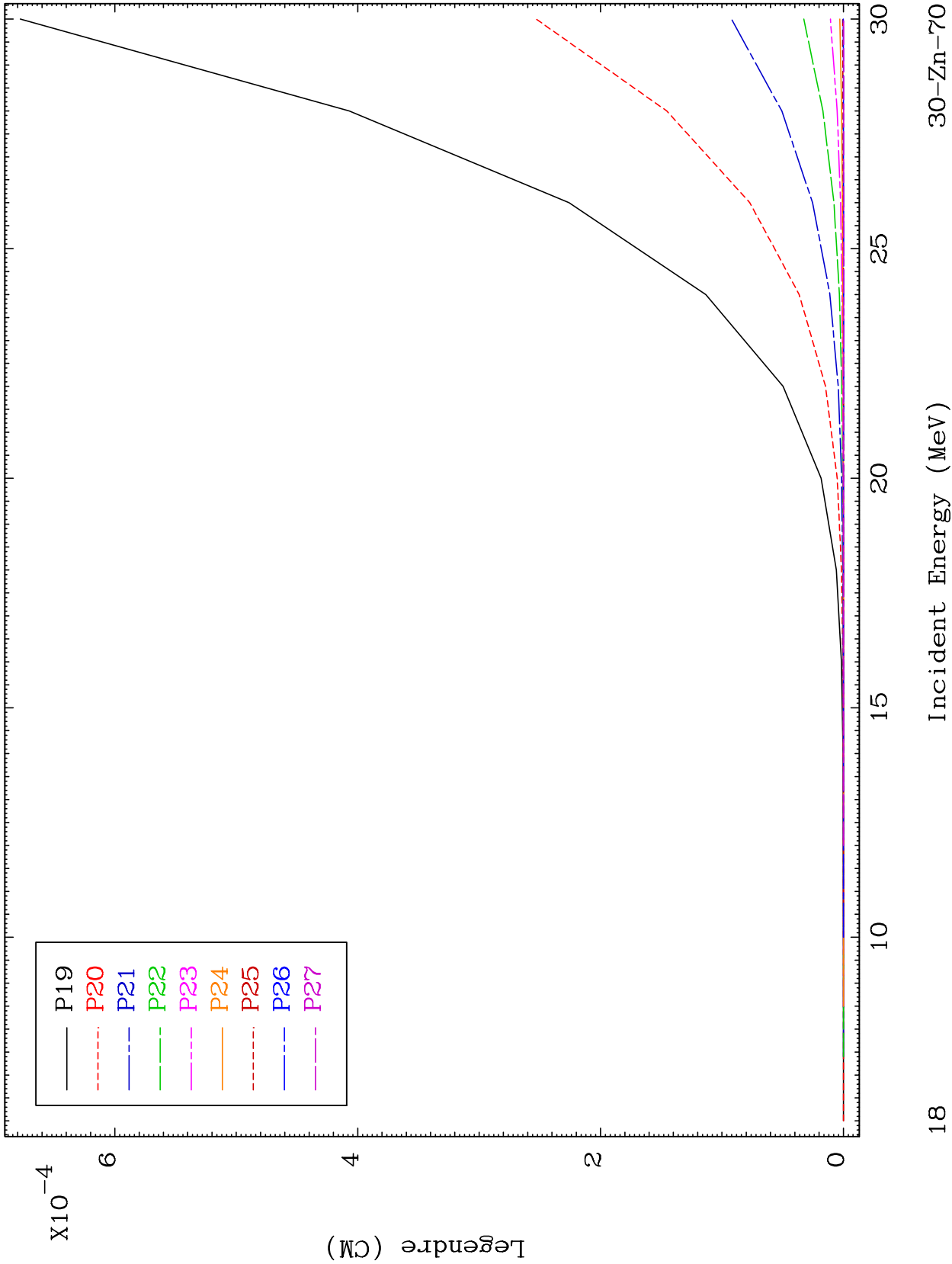
17

30-Zn-70

MAT 3043

Elastic Legendre Coefficients

30-Zn-70



18

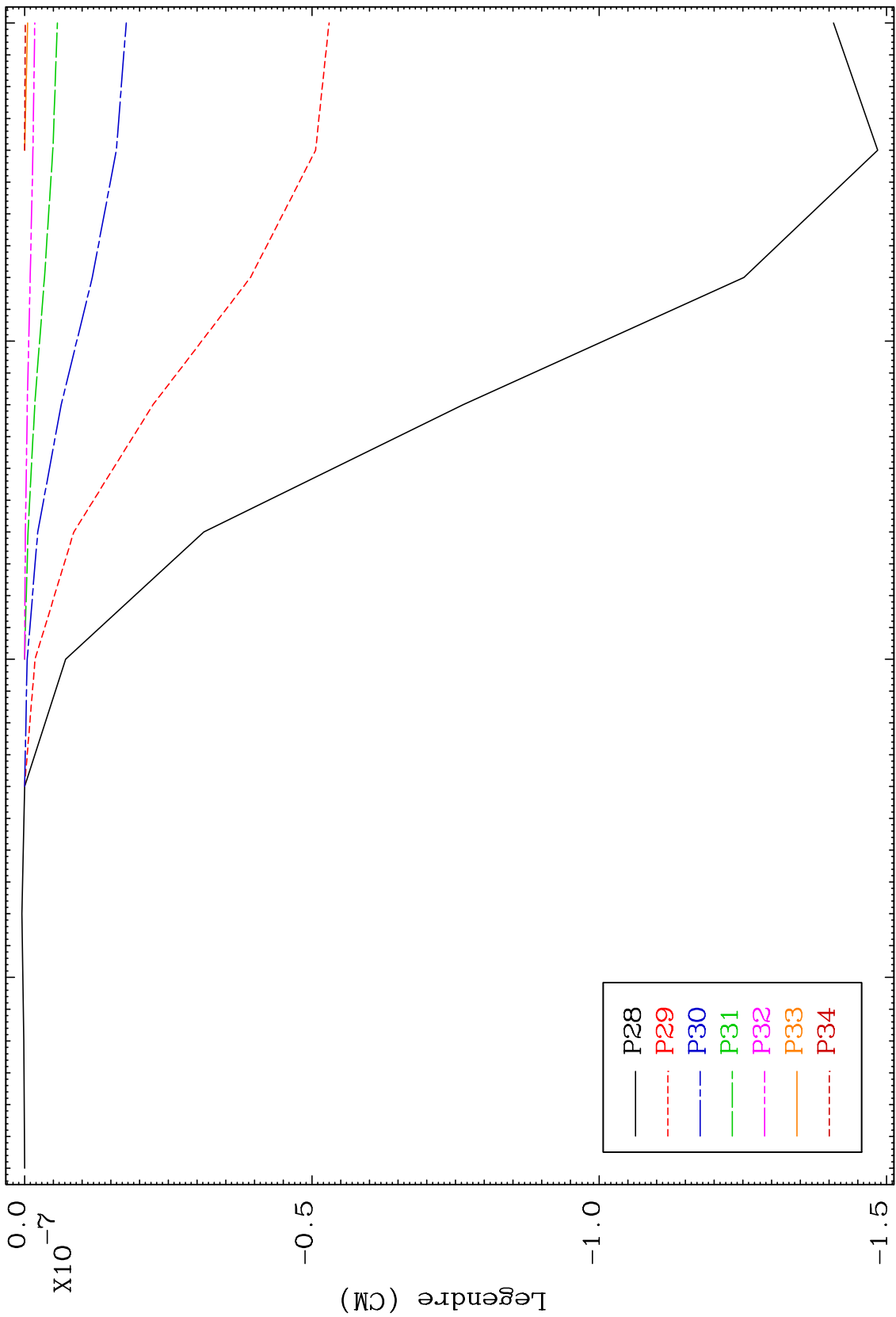
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

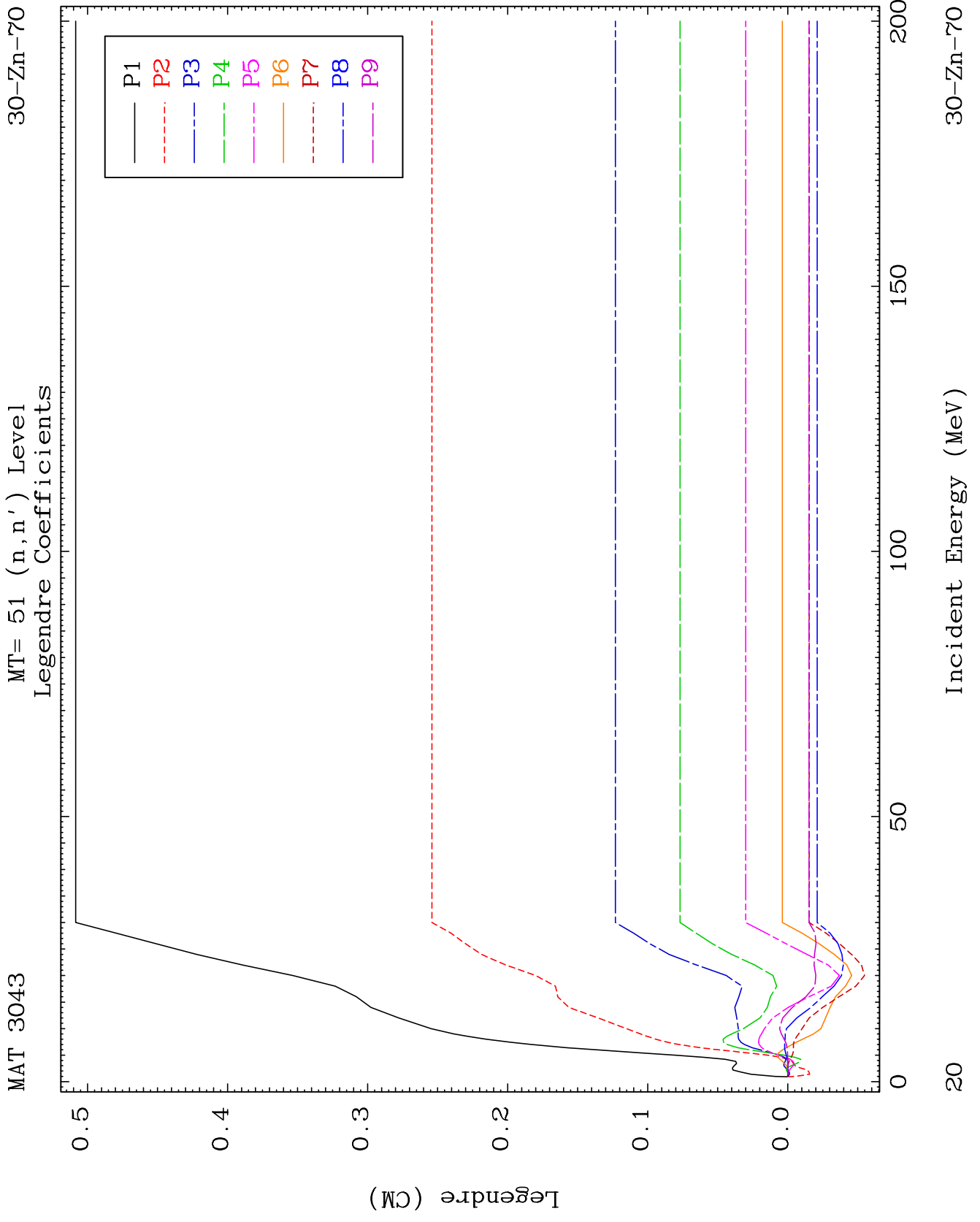
Elastic Legendre Coefficients

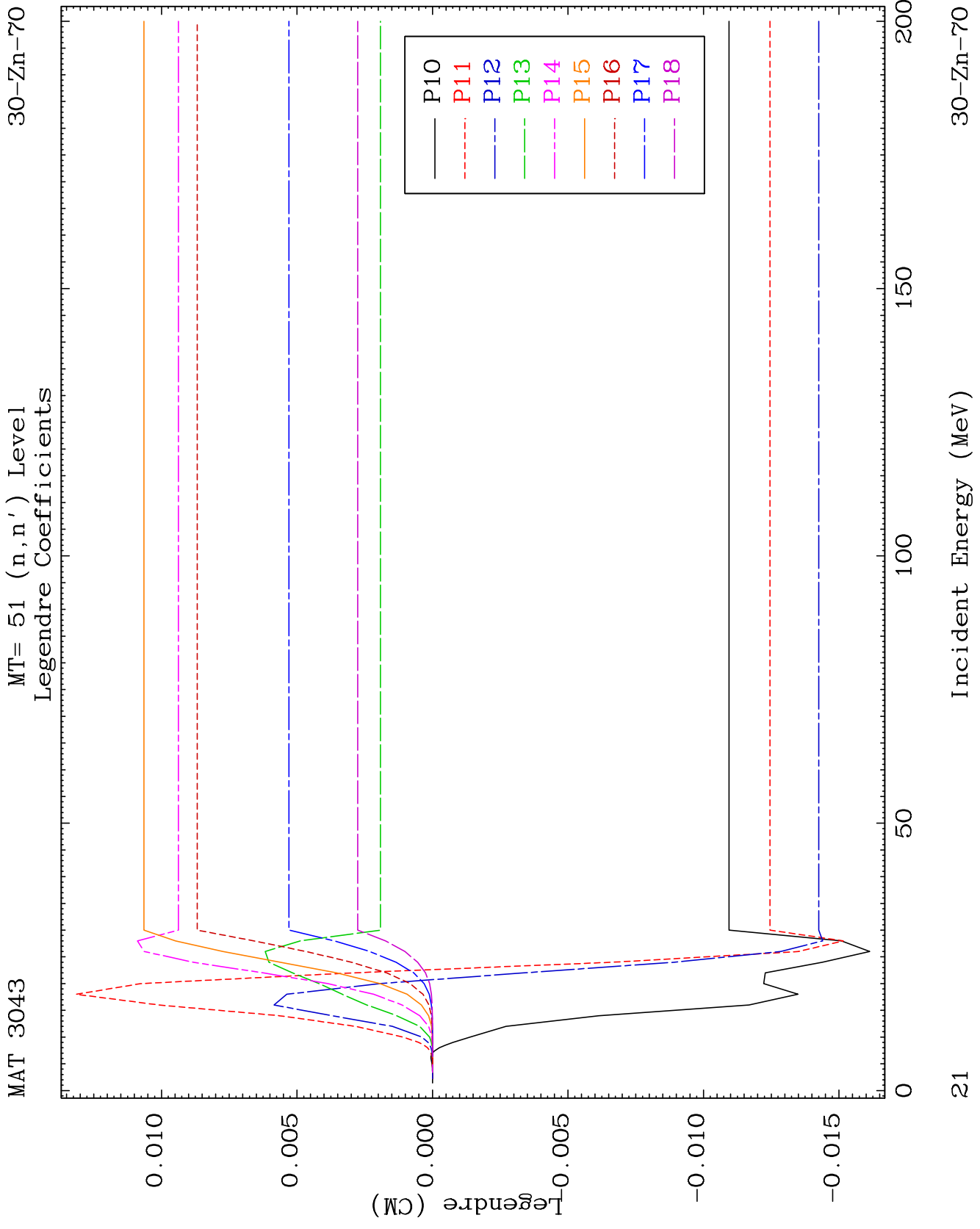


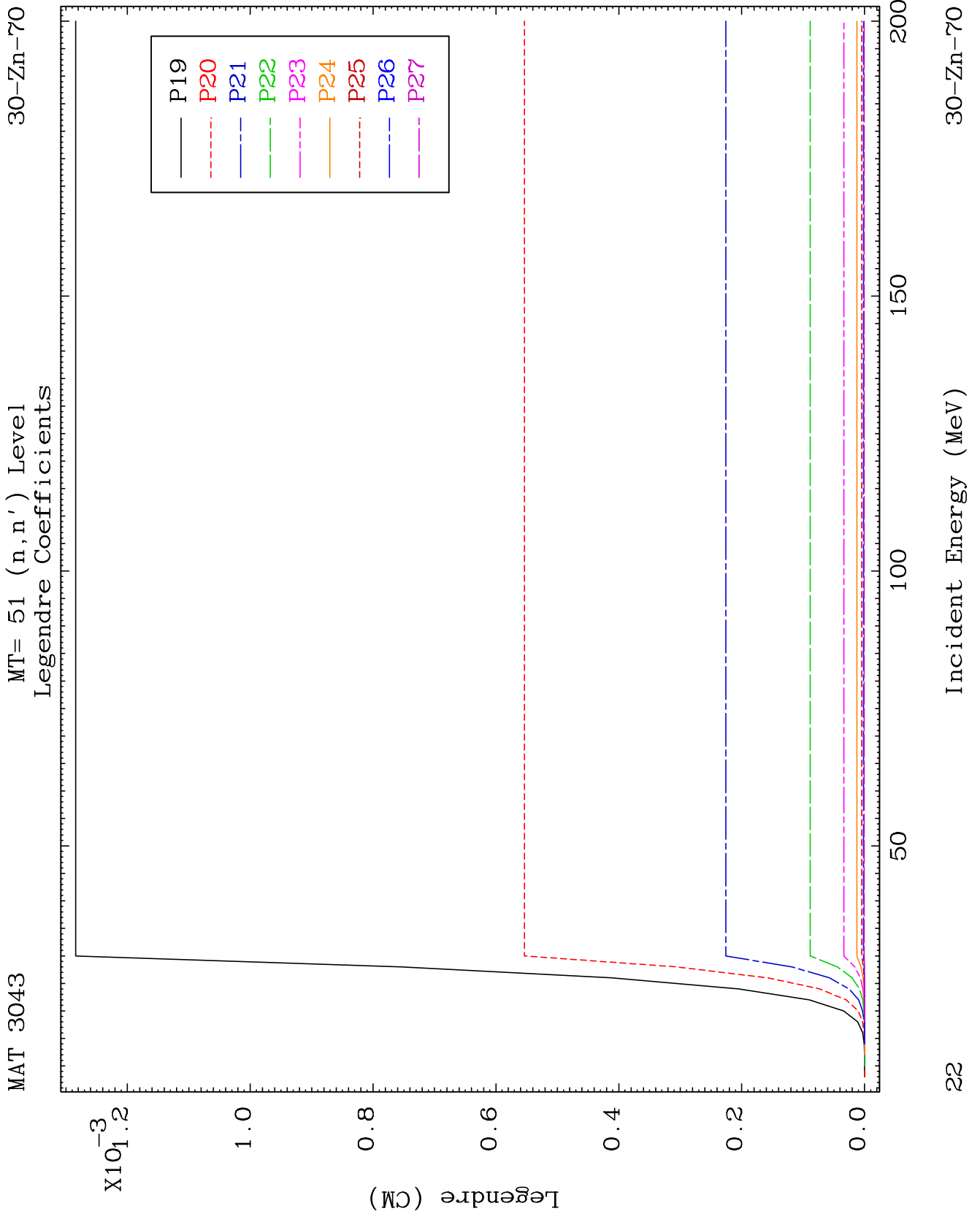
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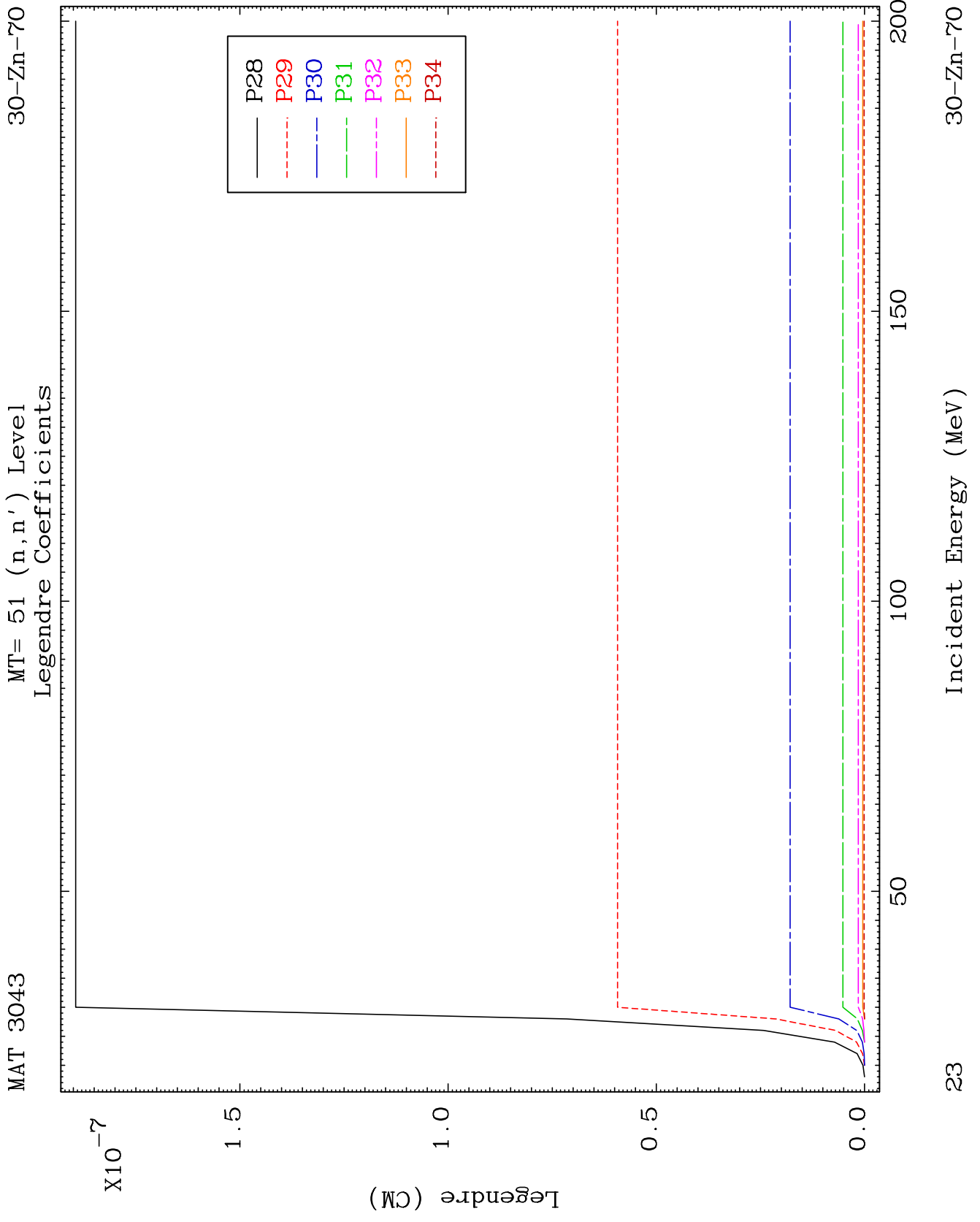
Incident Energy (MeV)

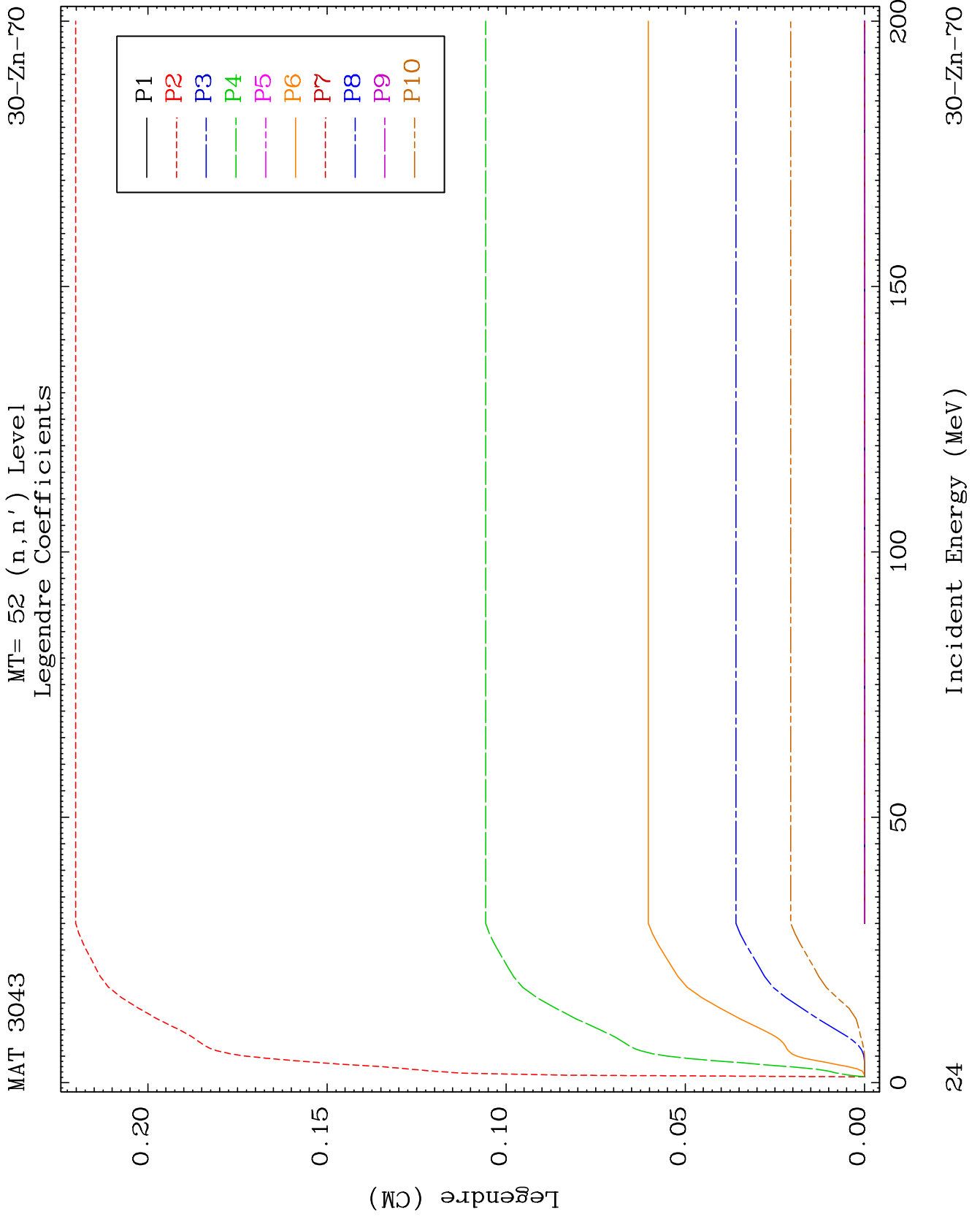
30-Zn-70

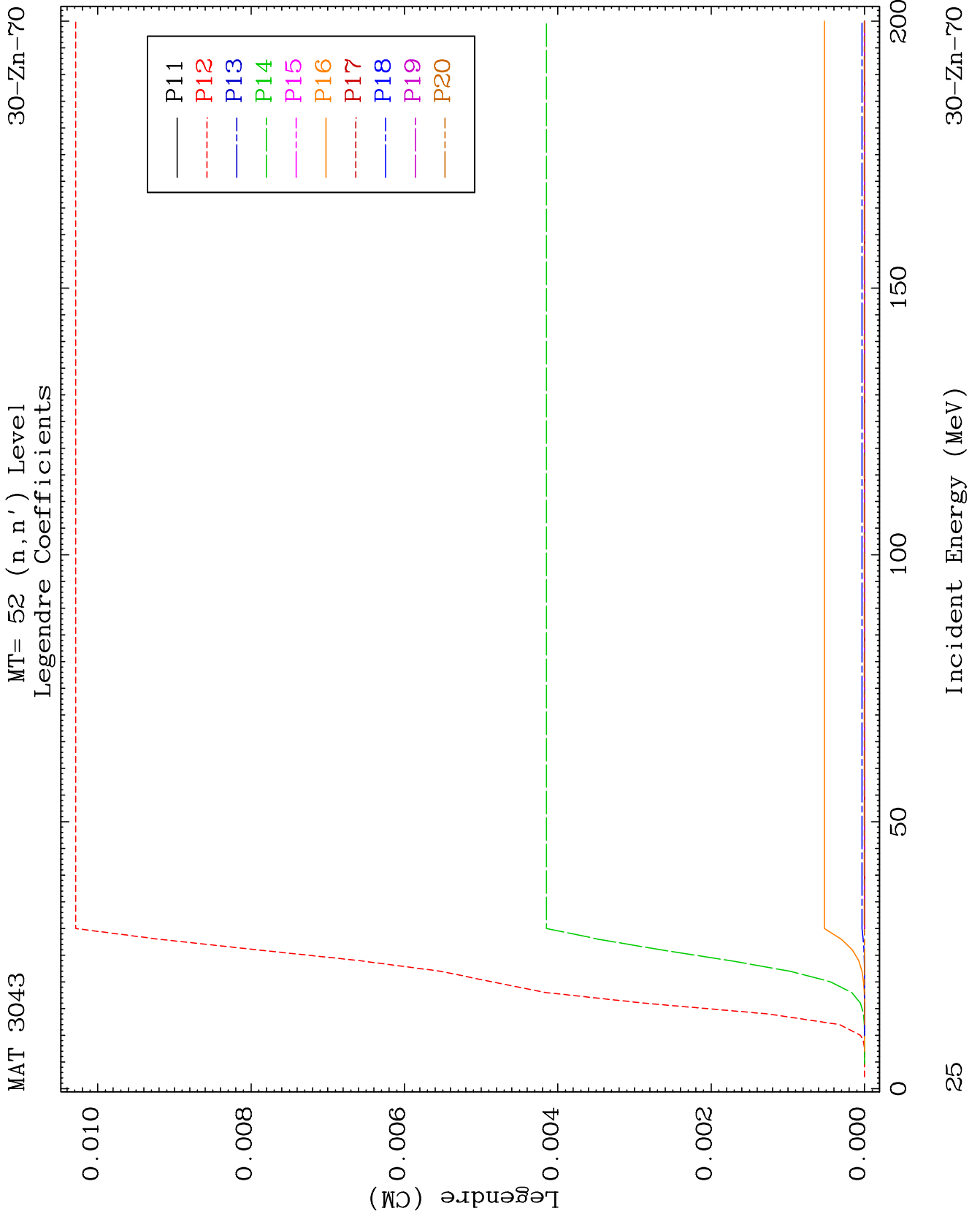


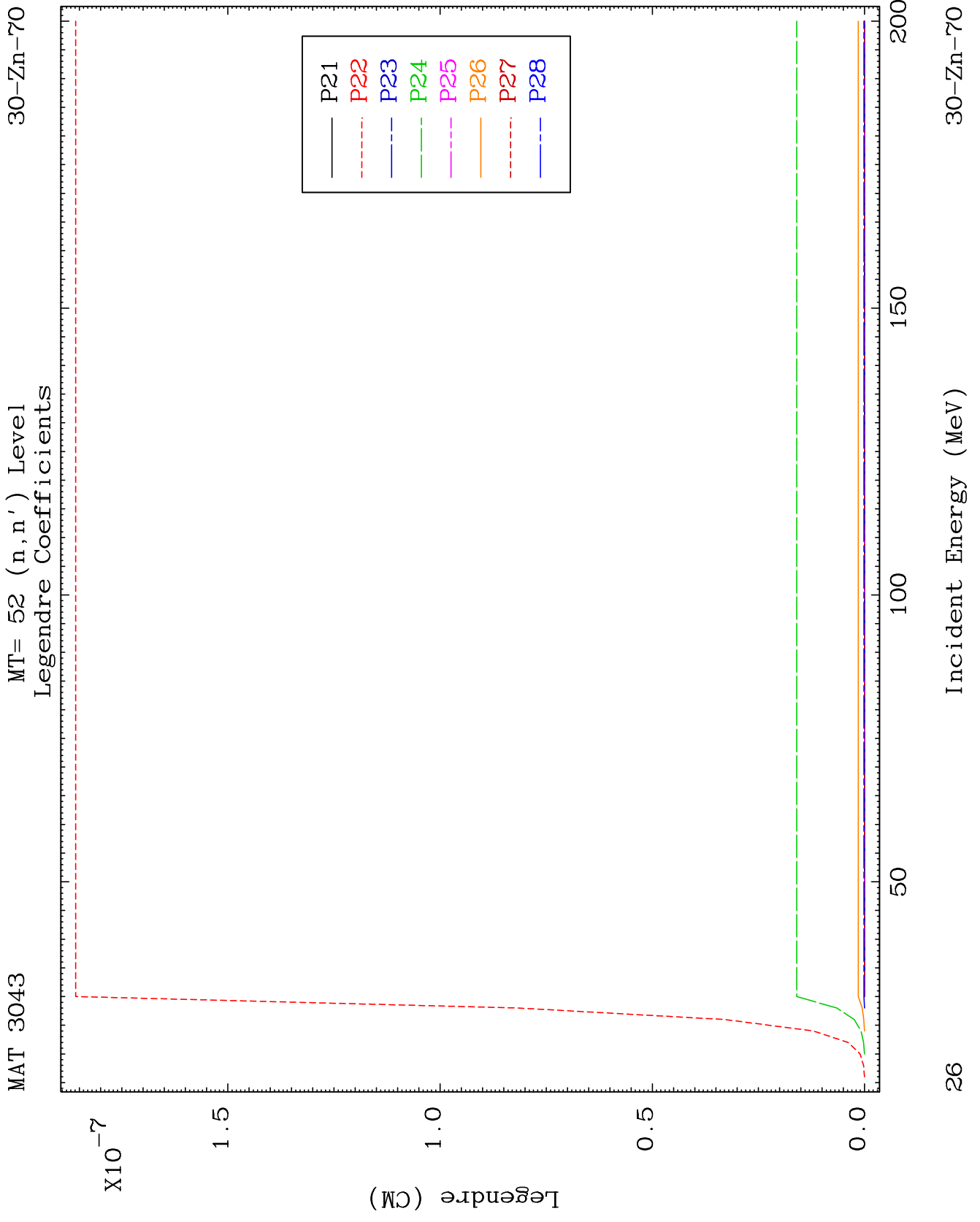


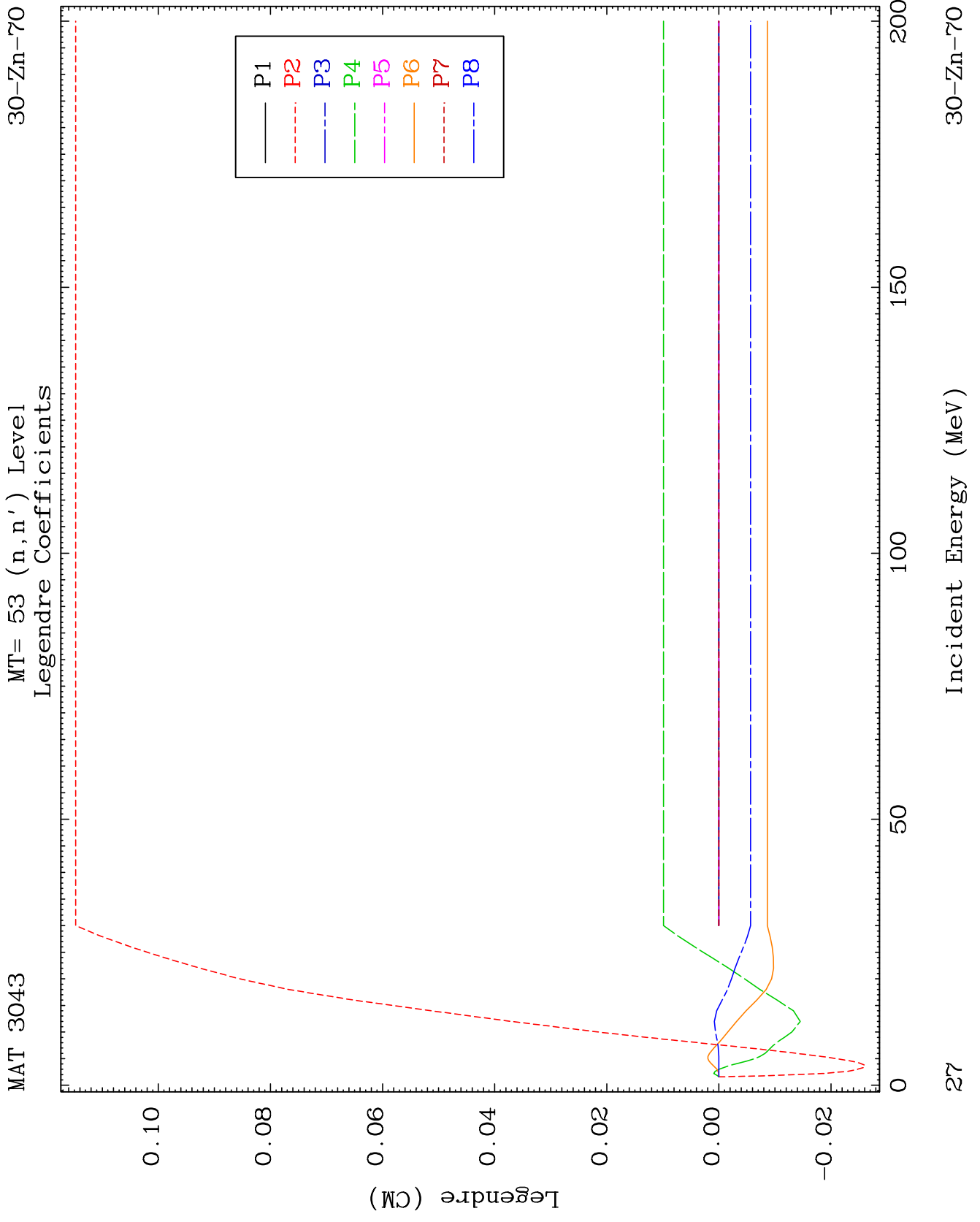


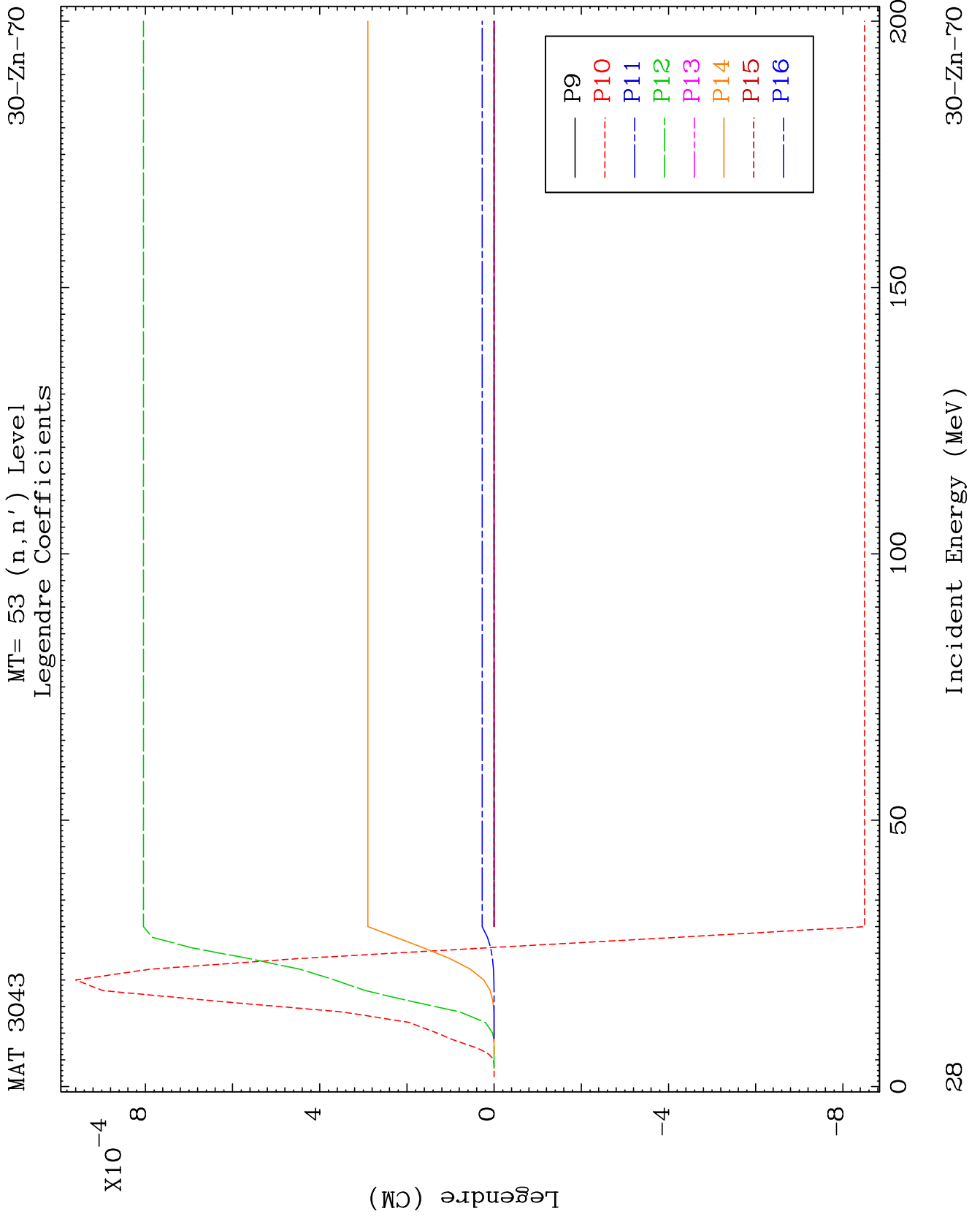


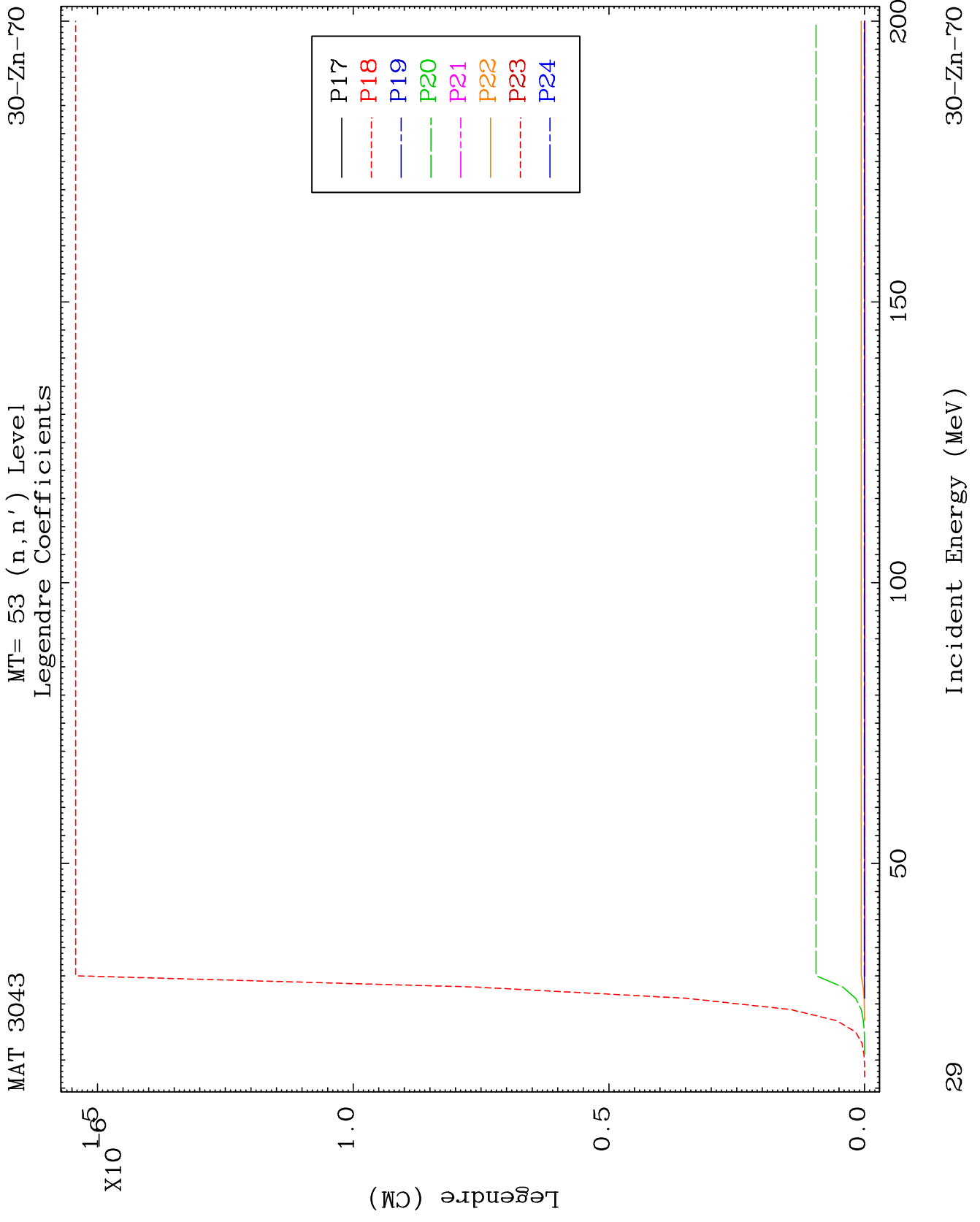


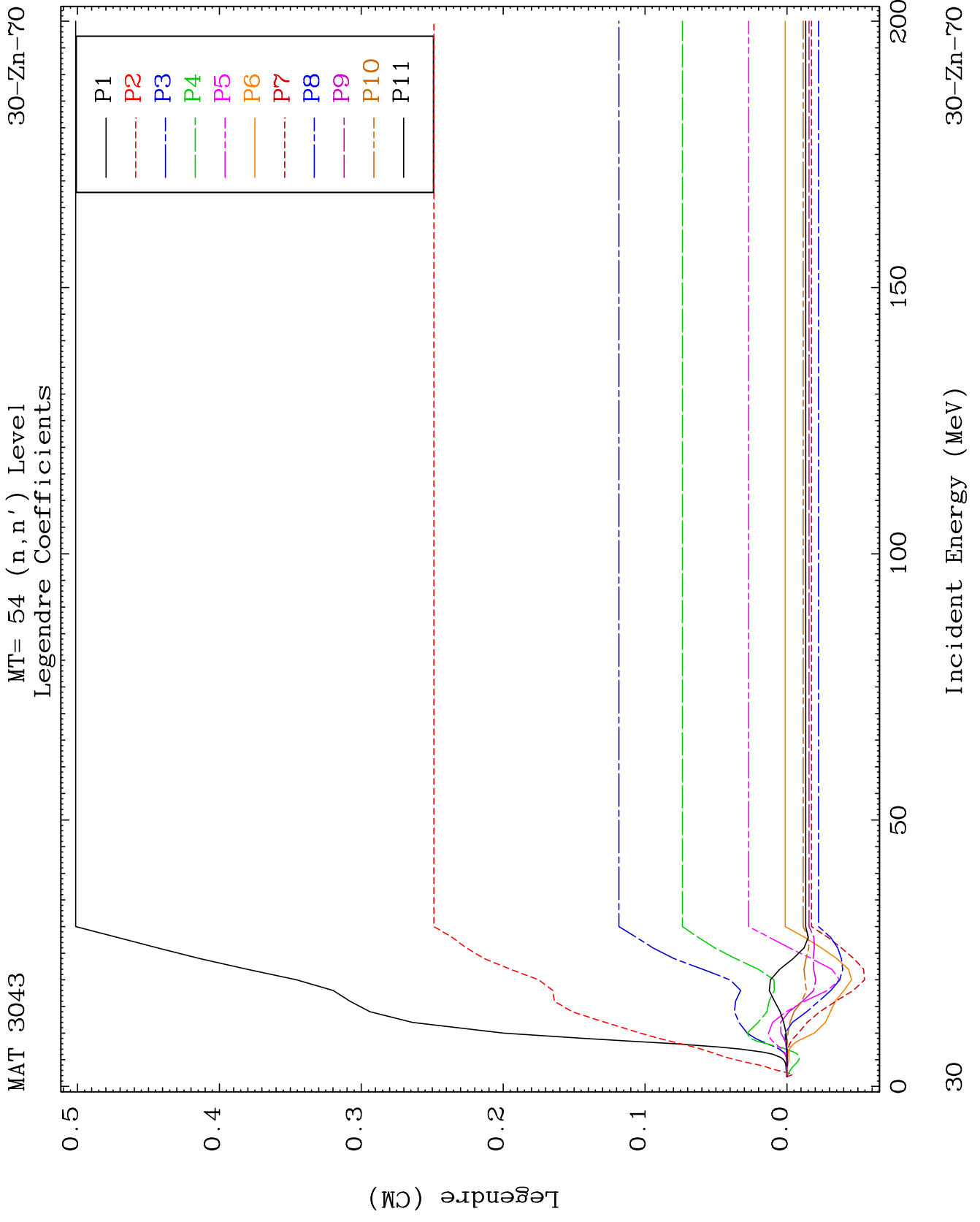


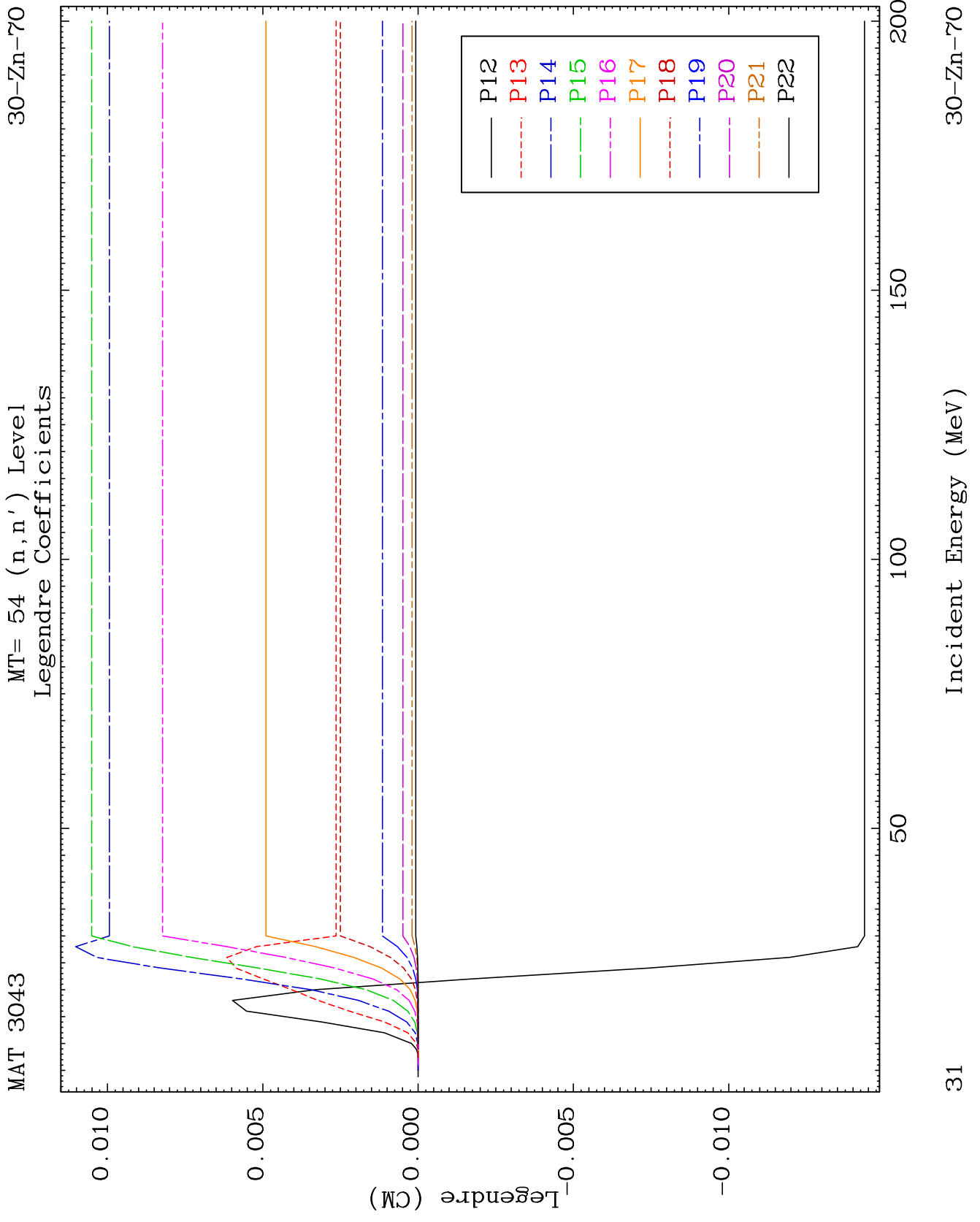








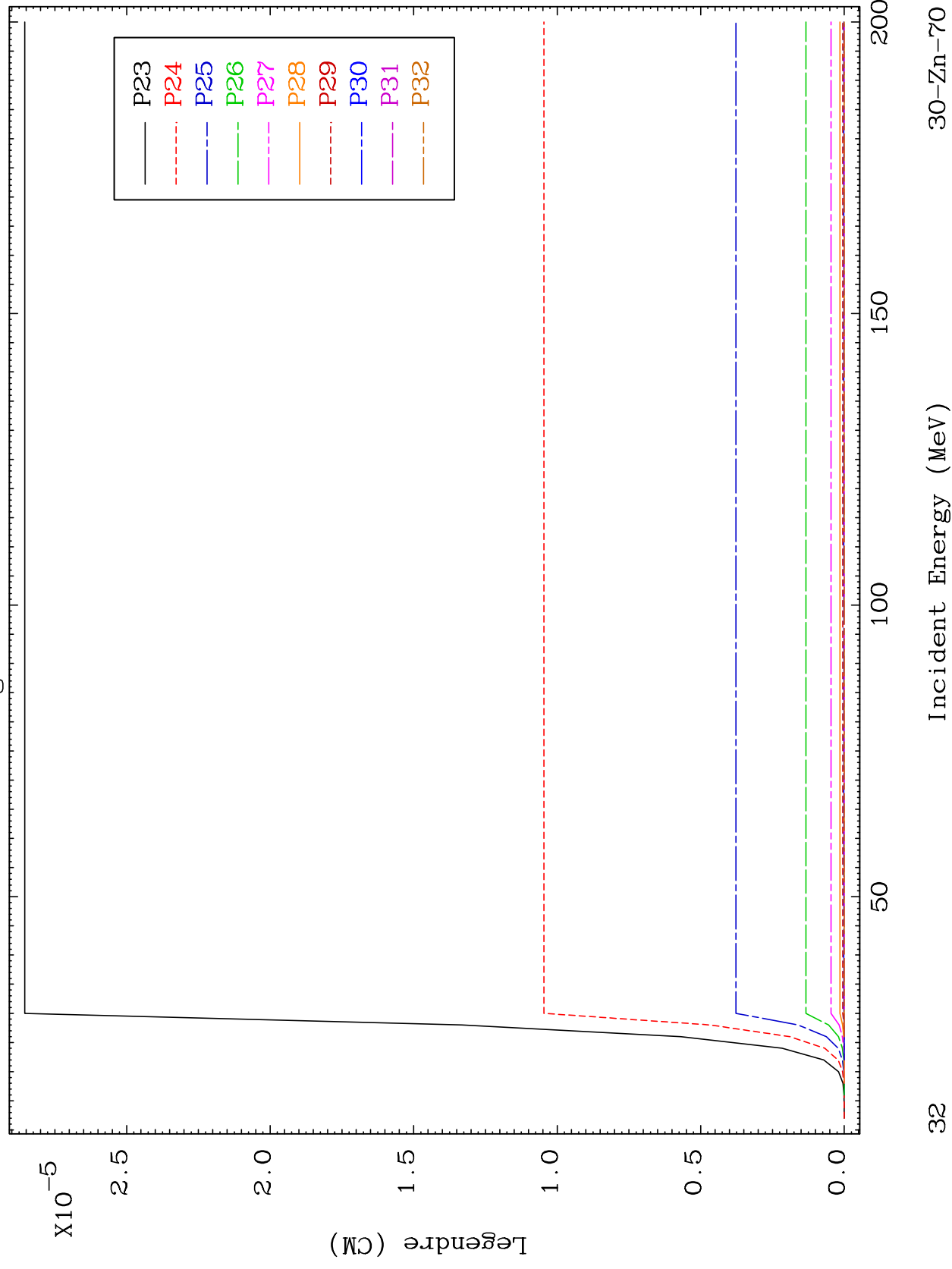




MAT 3043

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

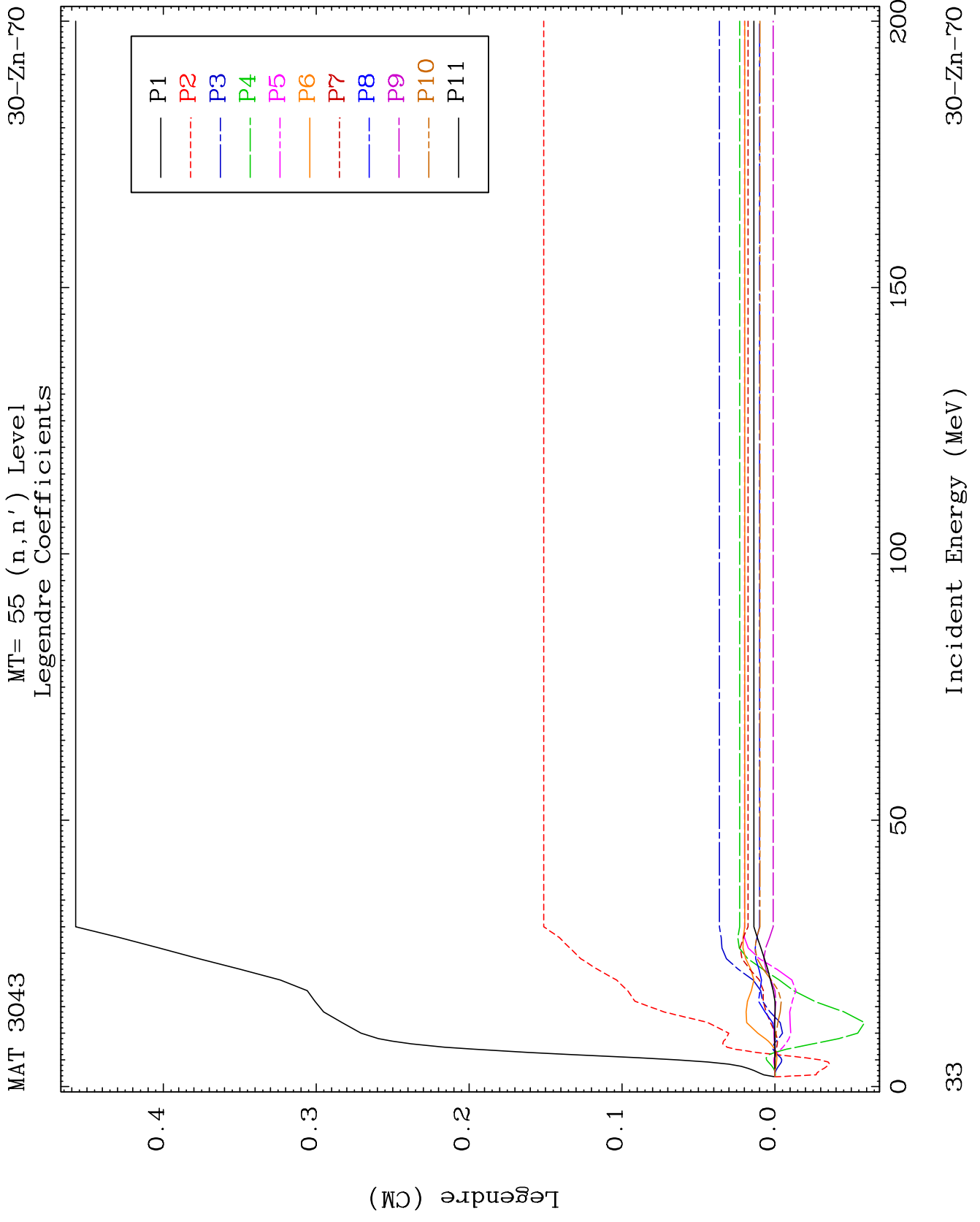
30-Zn-70



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Incident Energy (MeV)

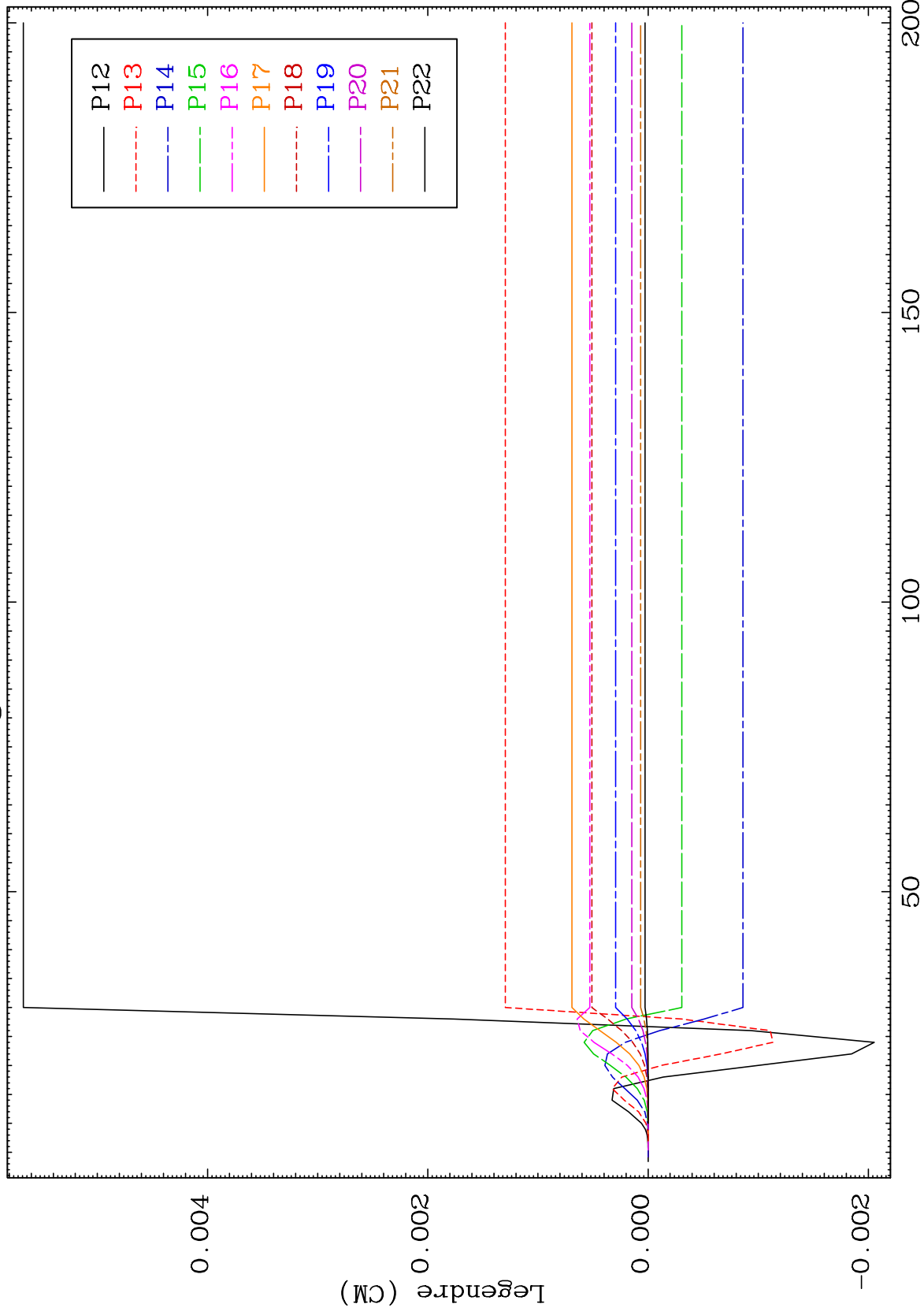
30-Zn-70



MAT 3043

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

30-Zn-70



34

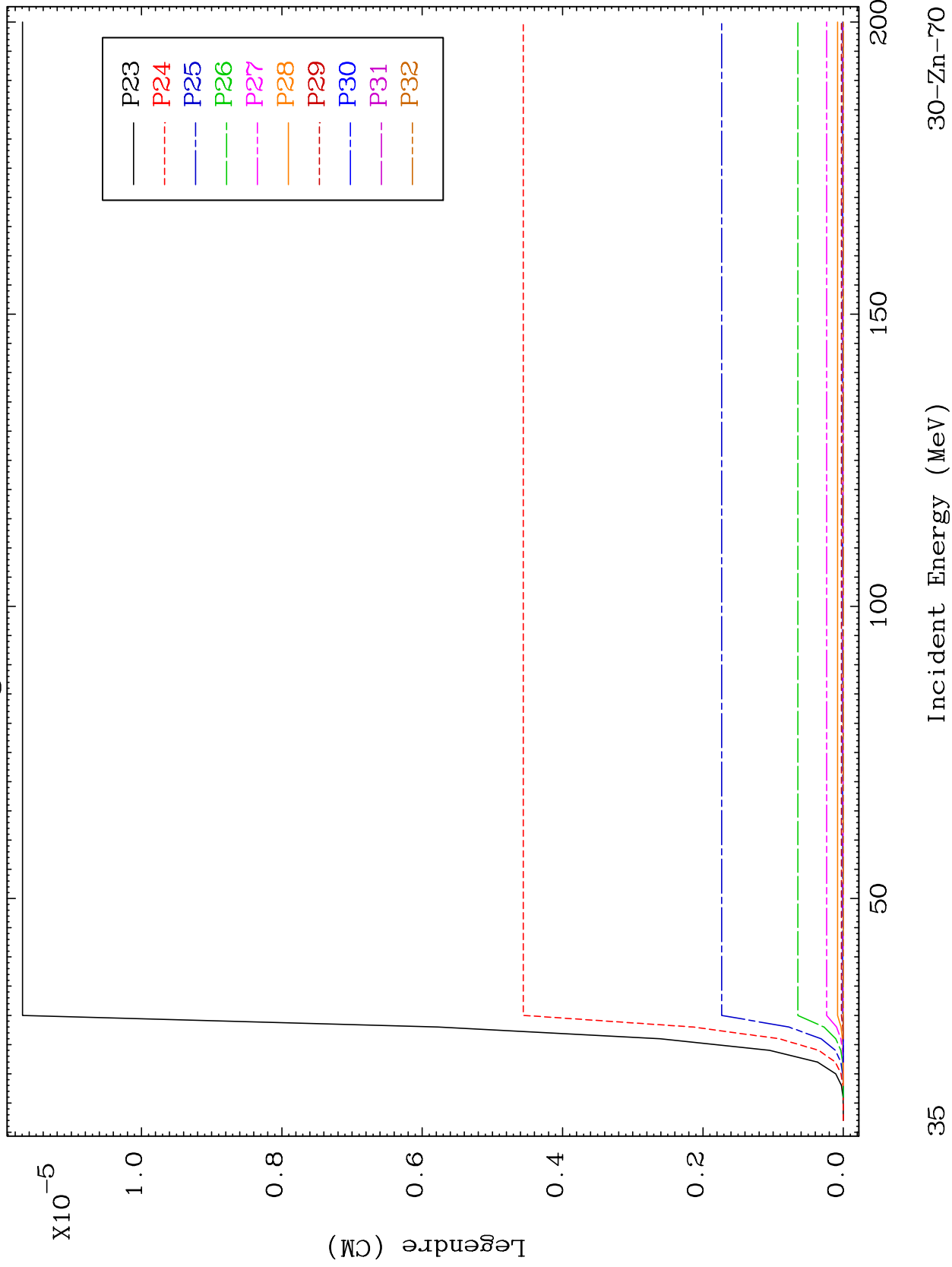
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

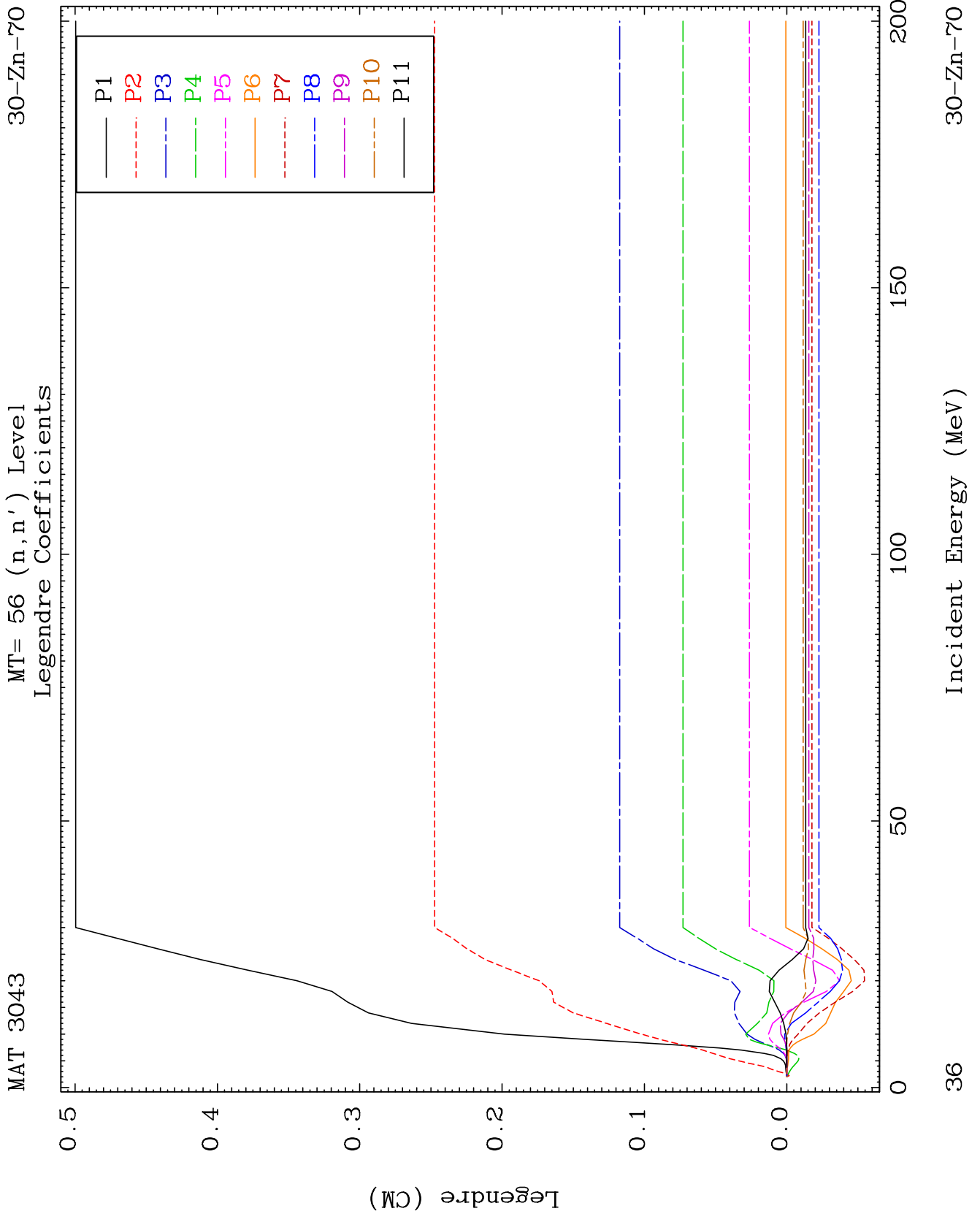
30-Zn-70



35

Incident Energy (MeV)

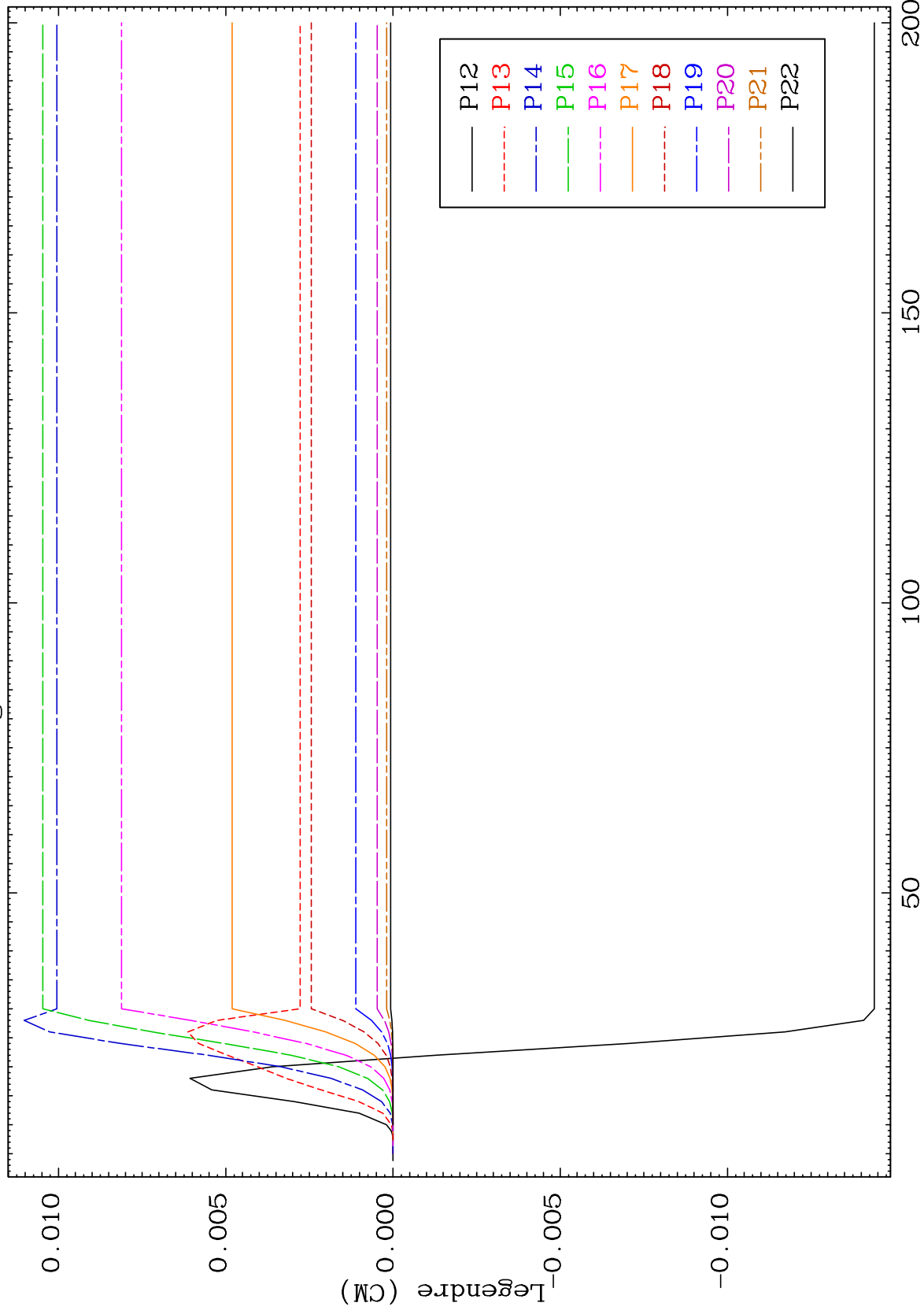
30-Zn-70



MAT 3043

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

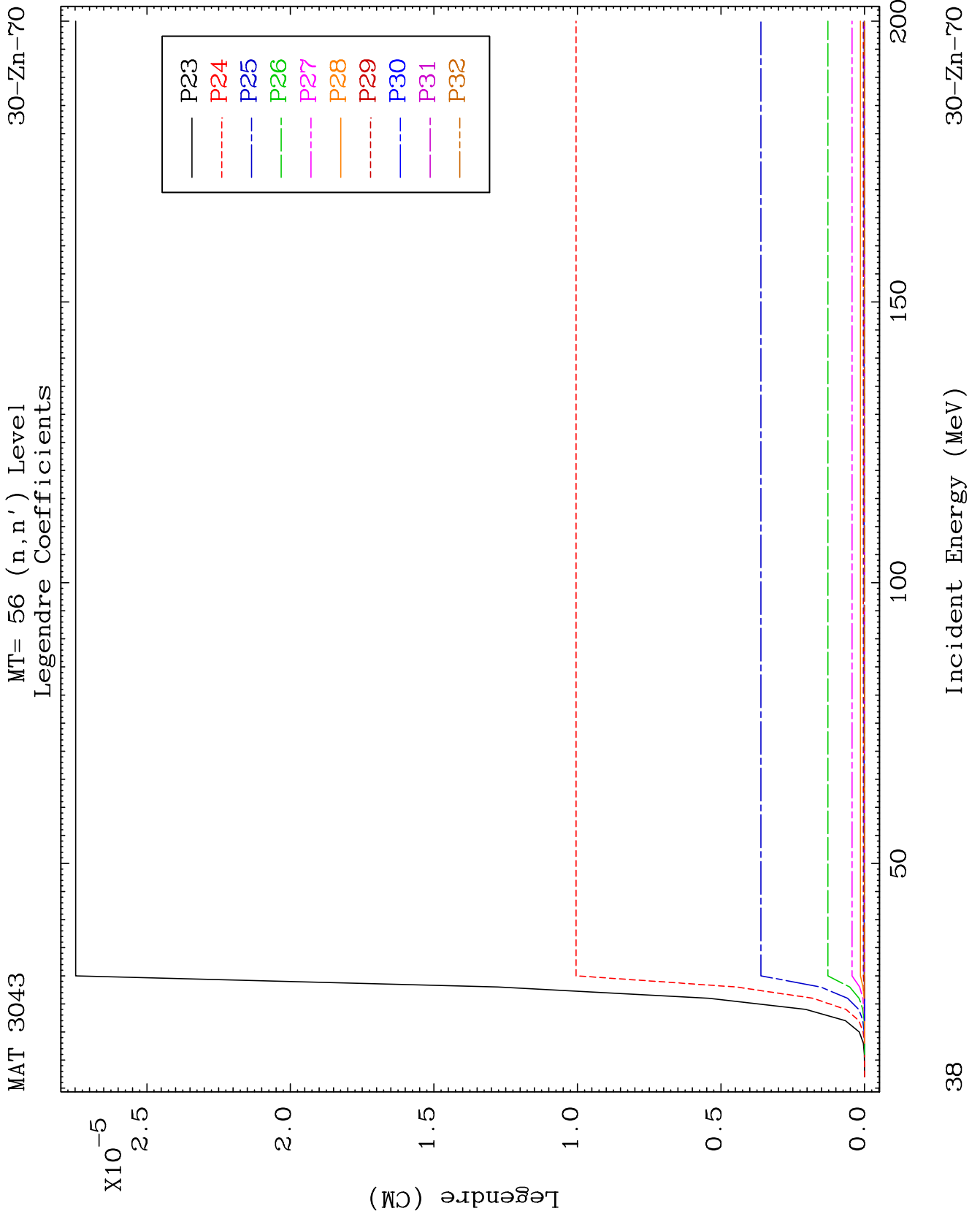
30-Zn-70

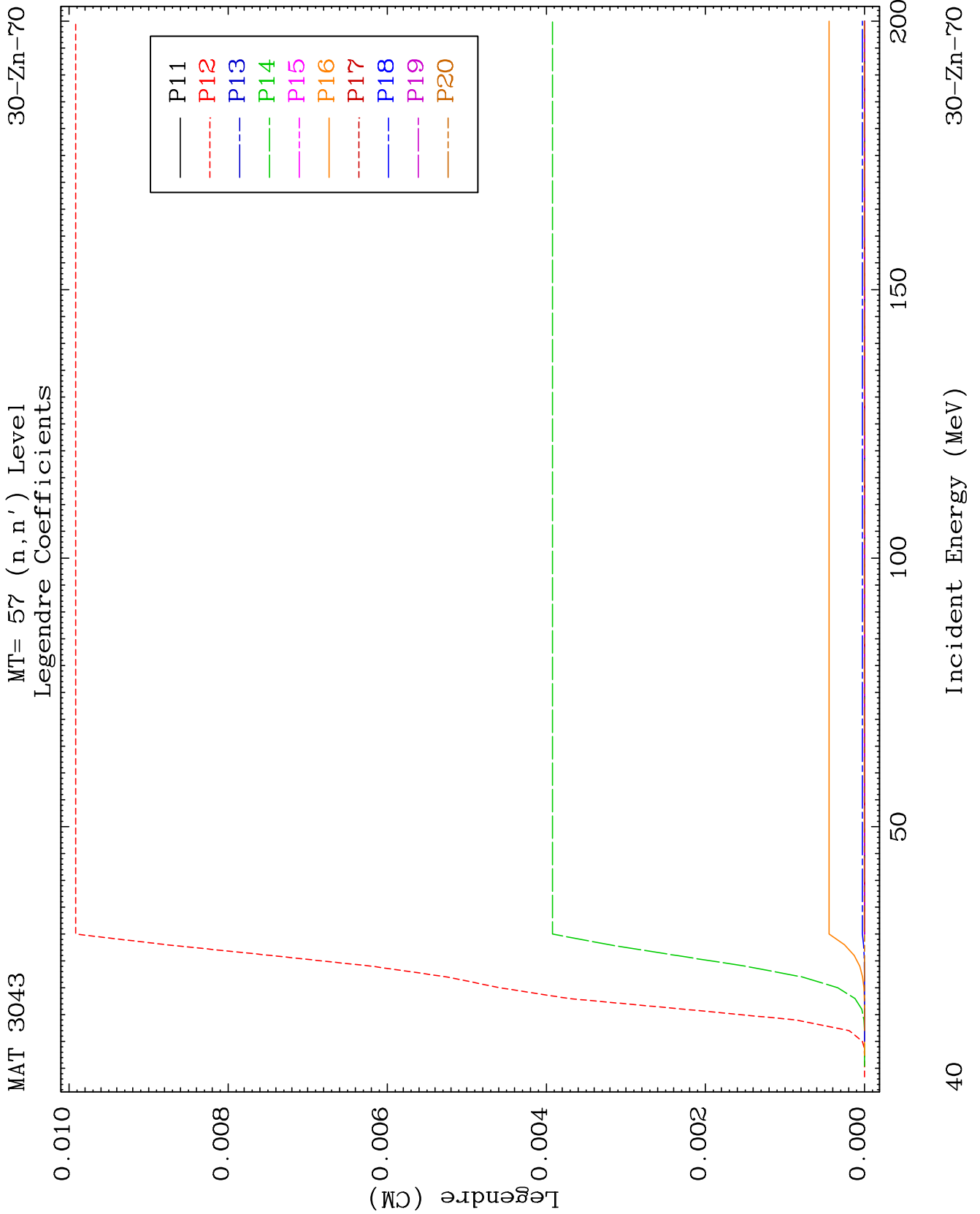


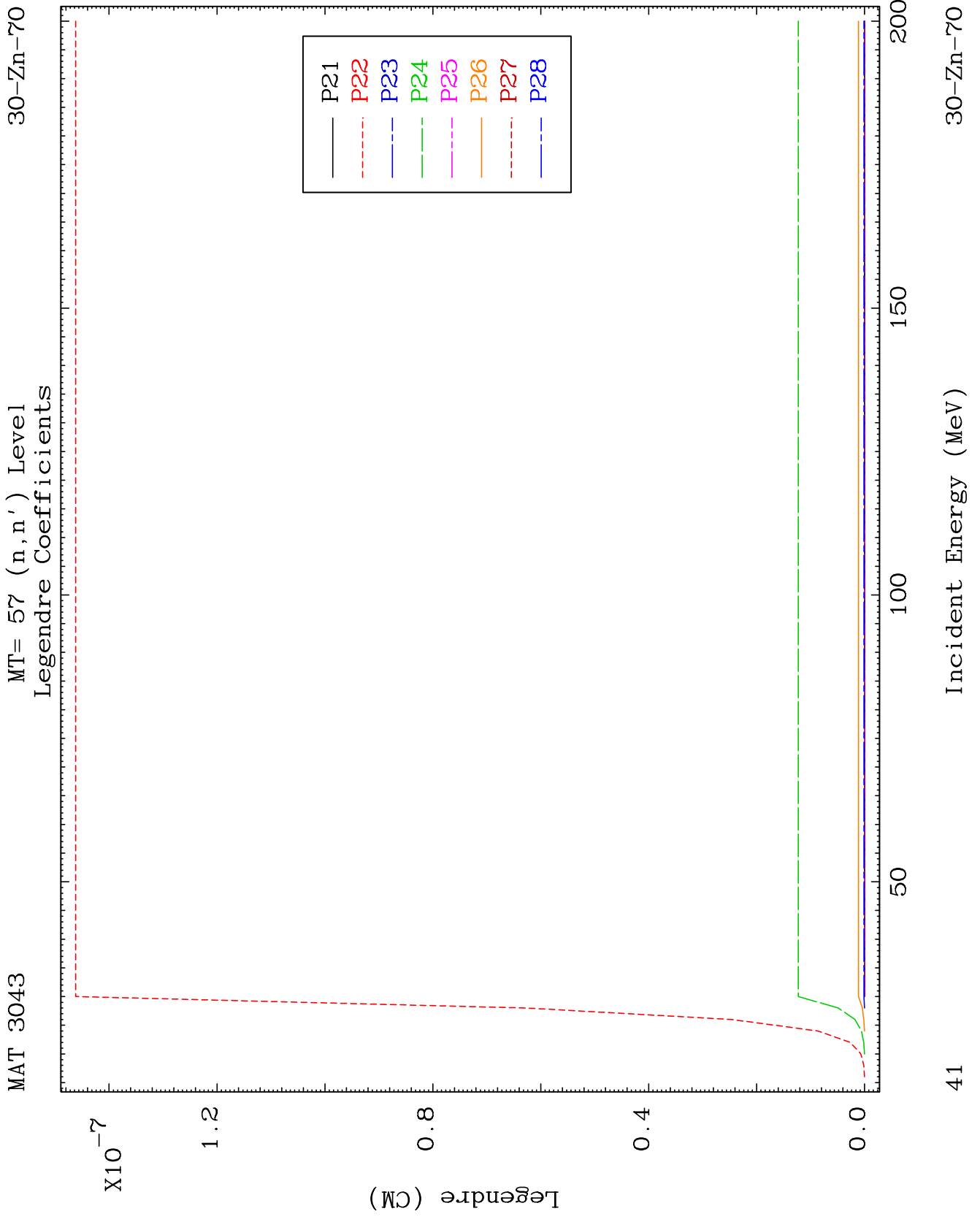
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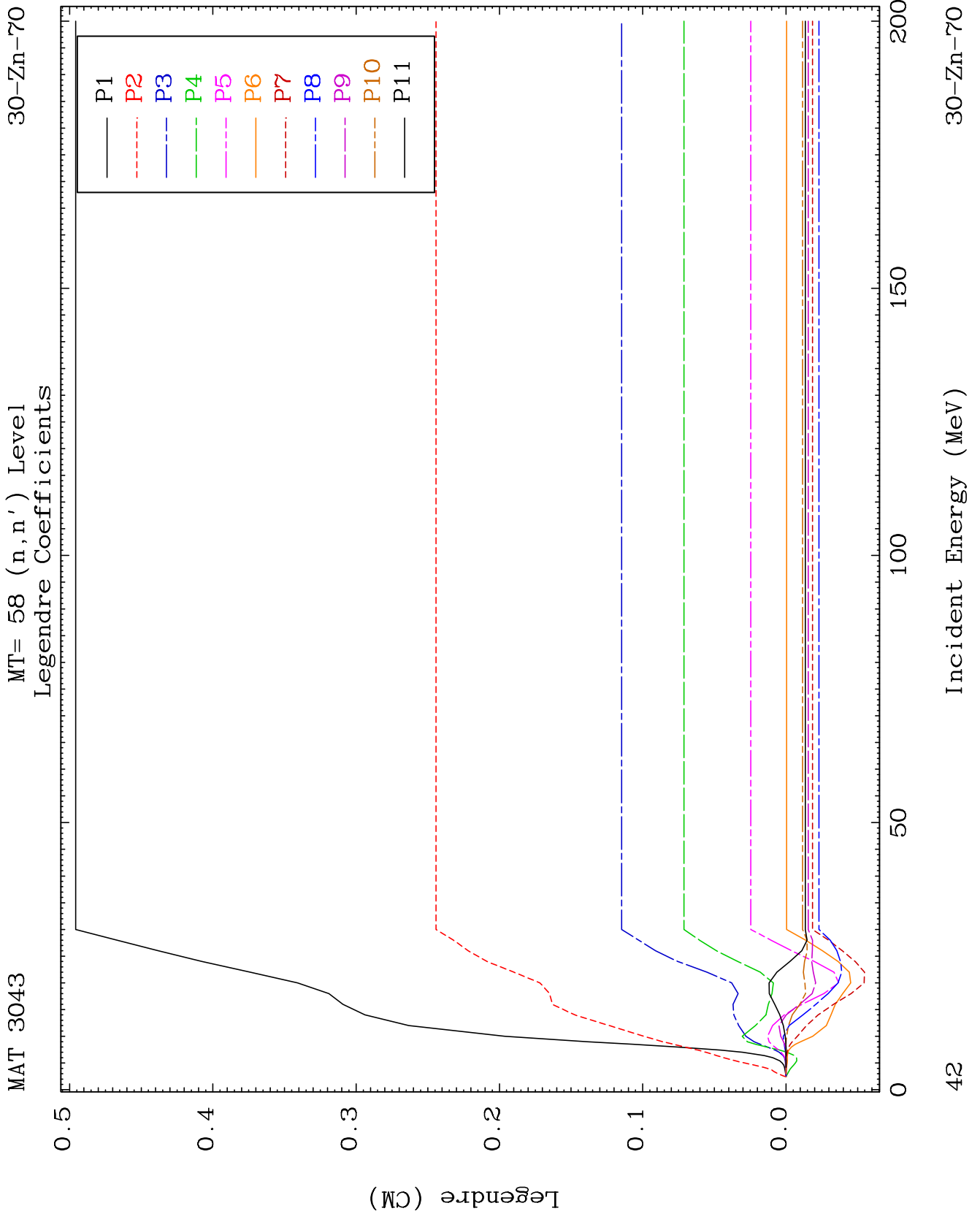
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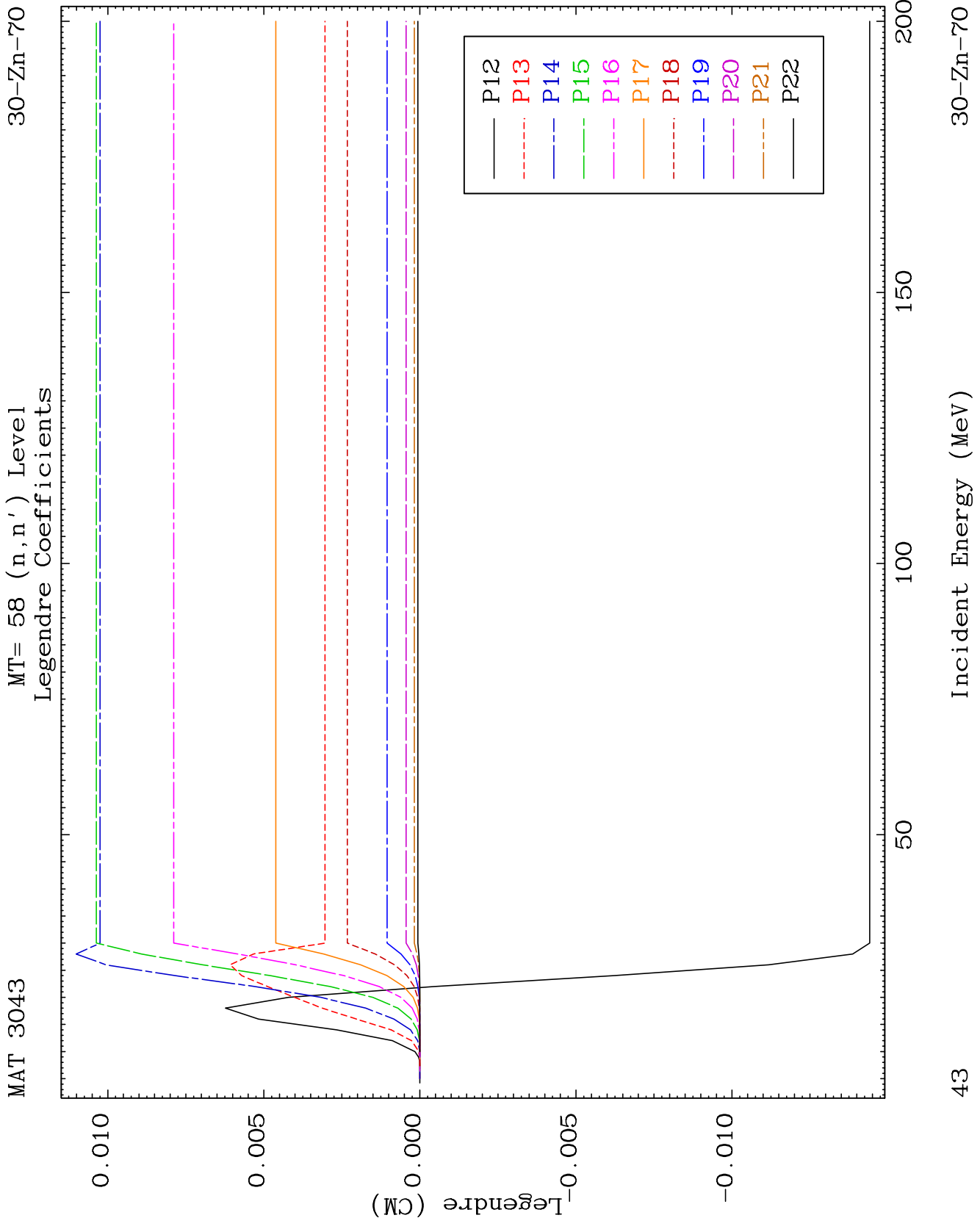
30-Zn-70







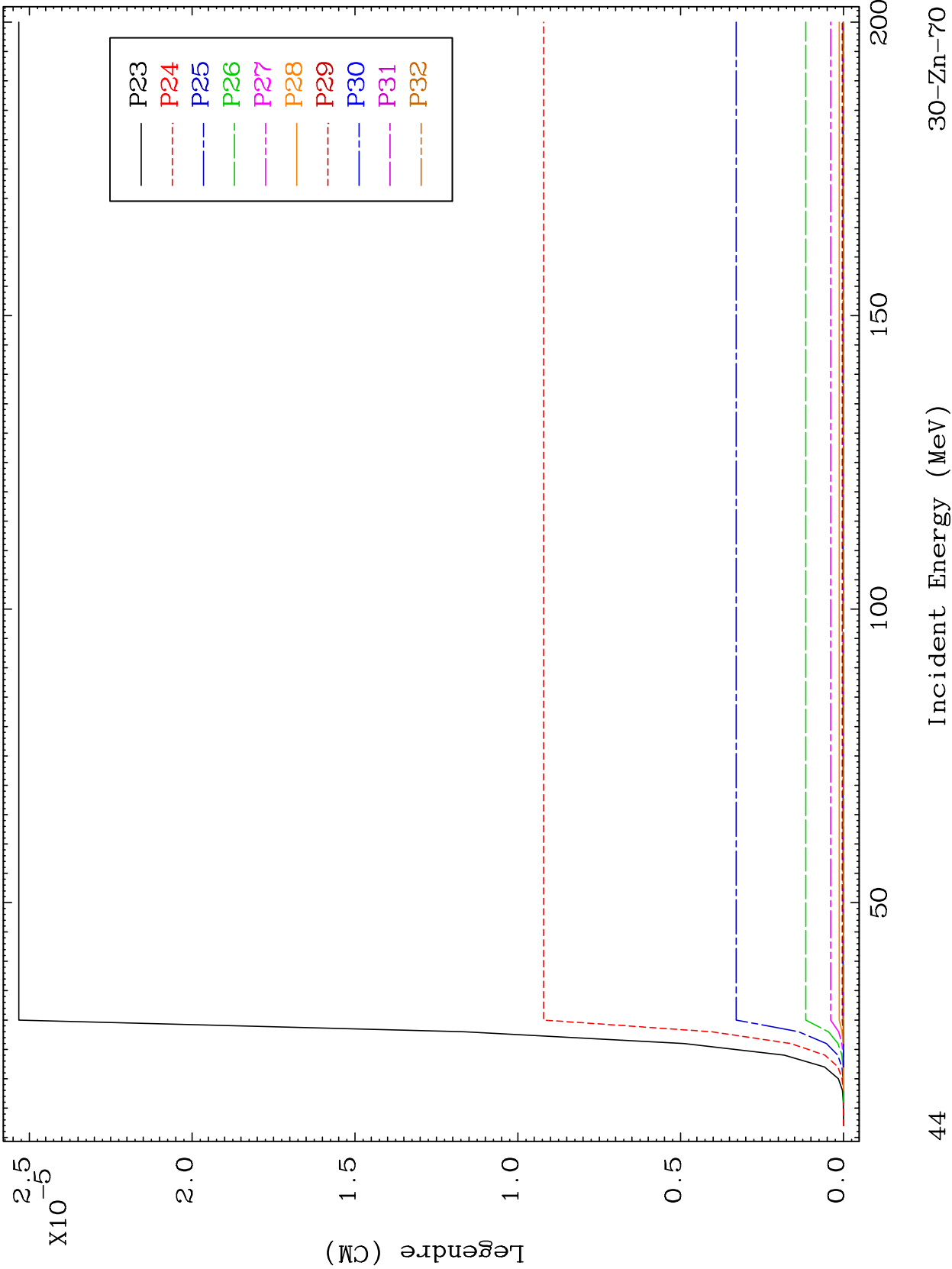




MAT 3043

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

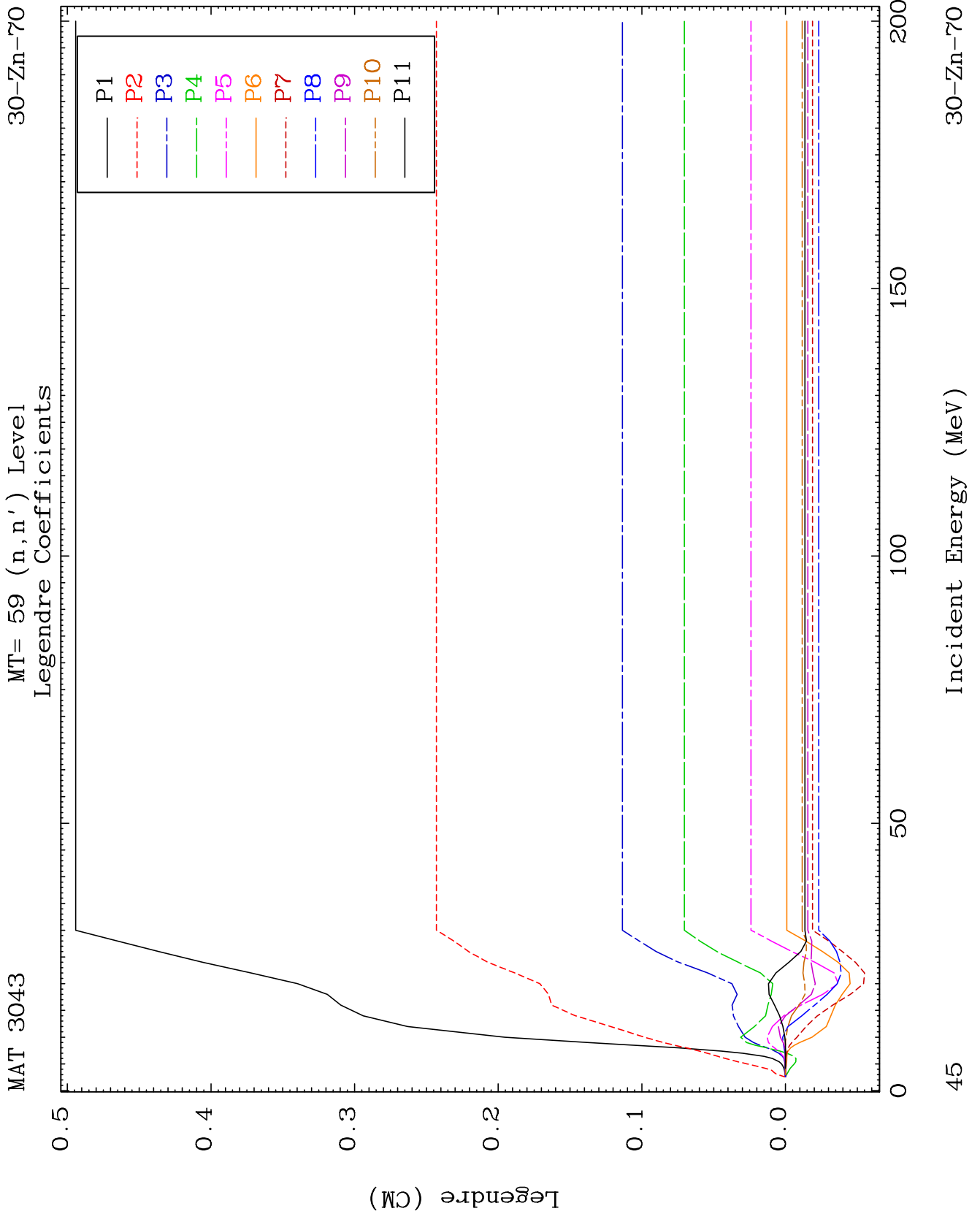
30-Zn-70



44

Incident Energy (MeV)

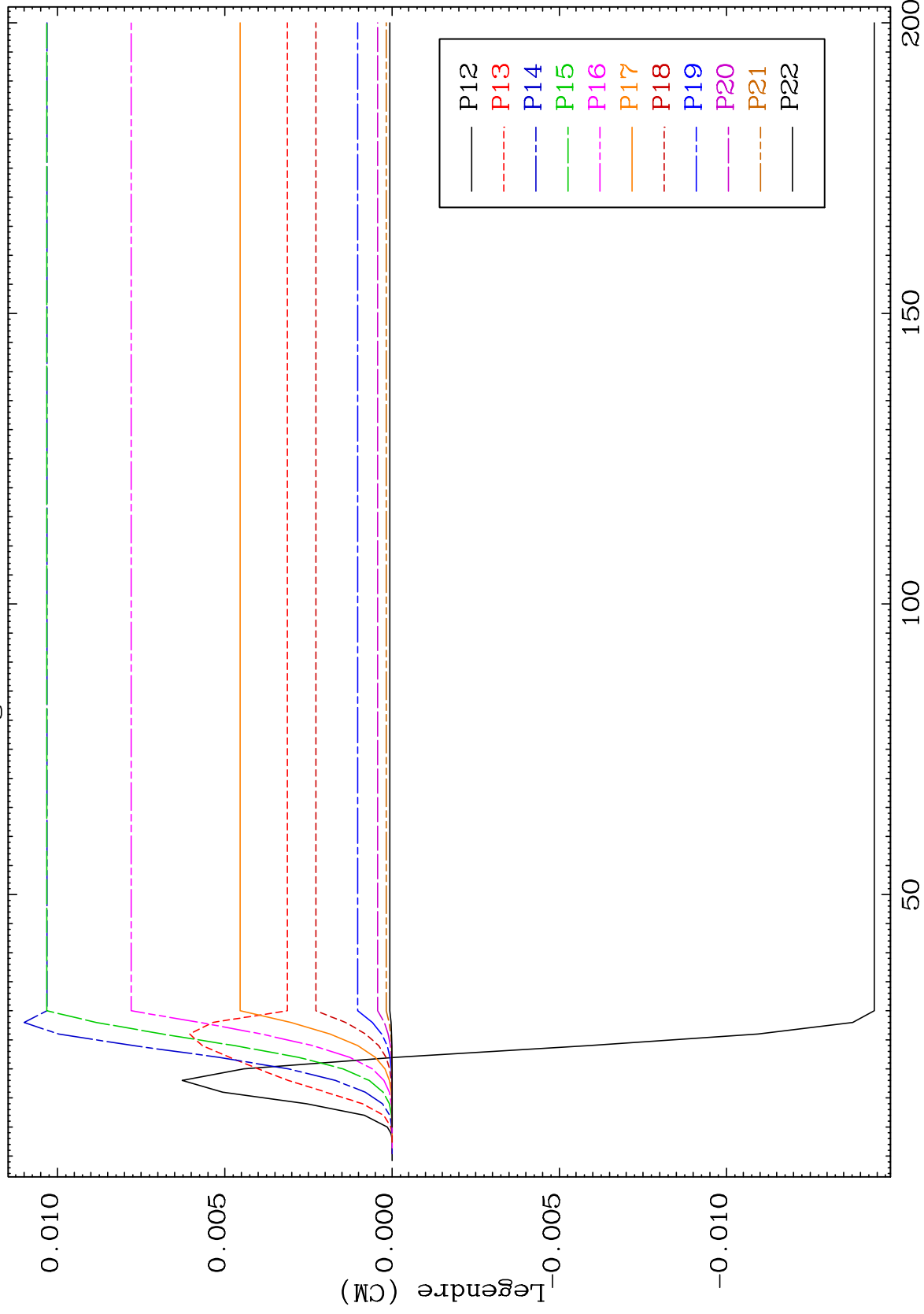
30-Zn-70



MAT 3043

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

30-Zn-70



46

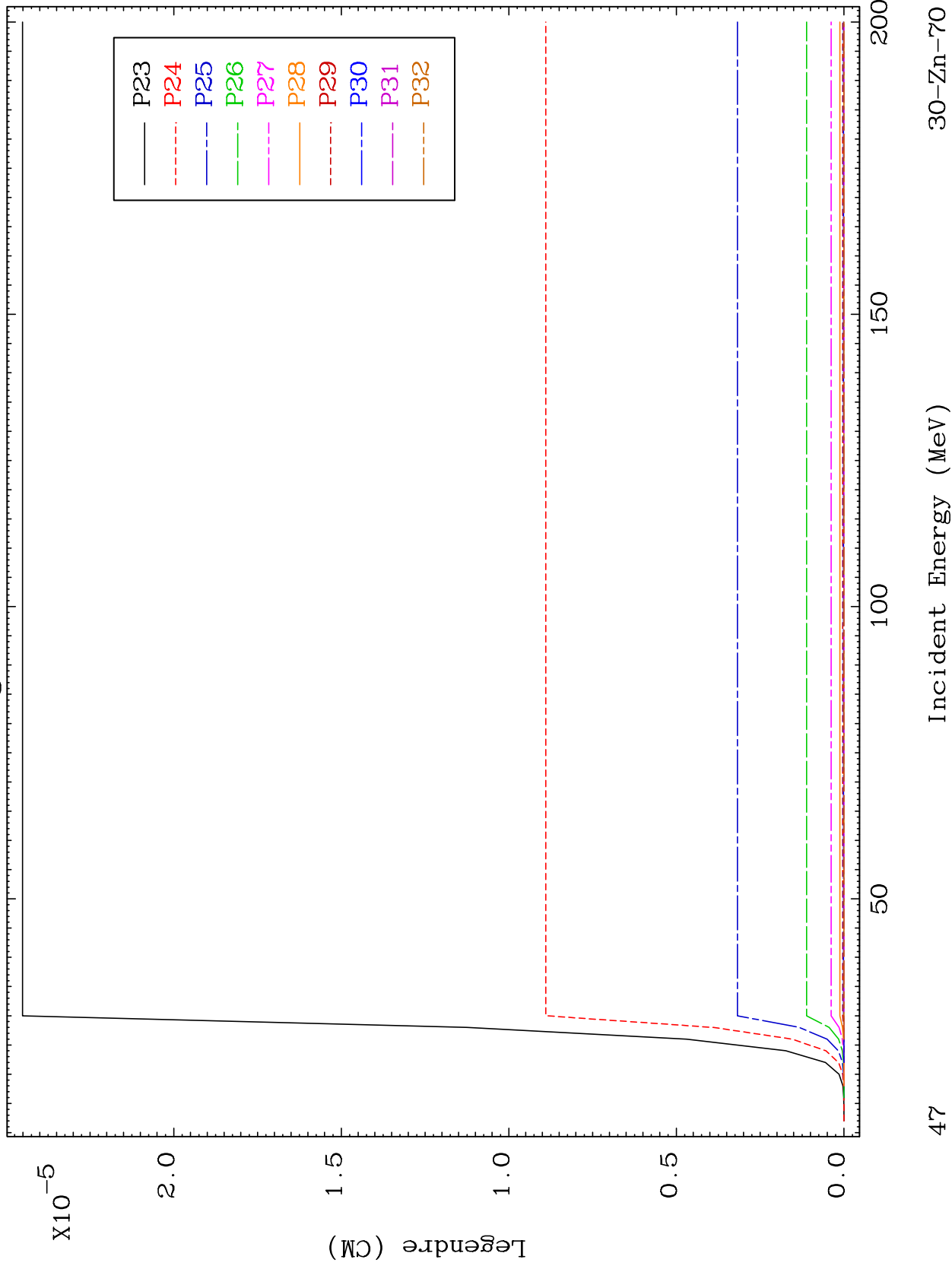
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

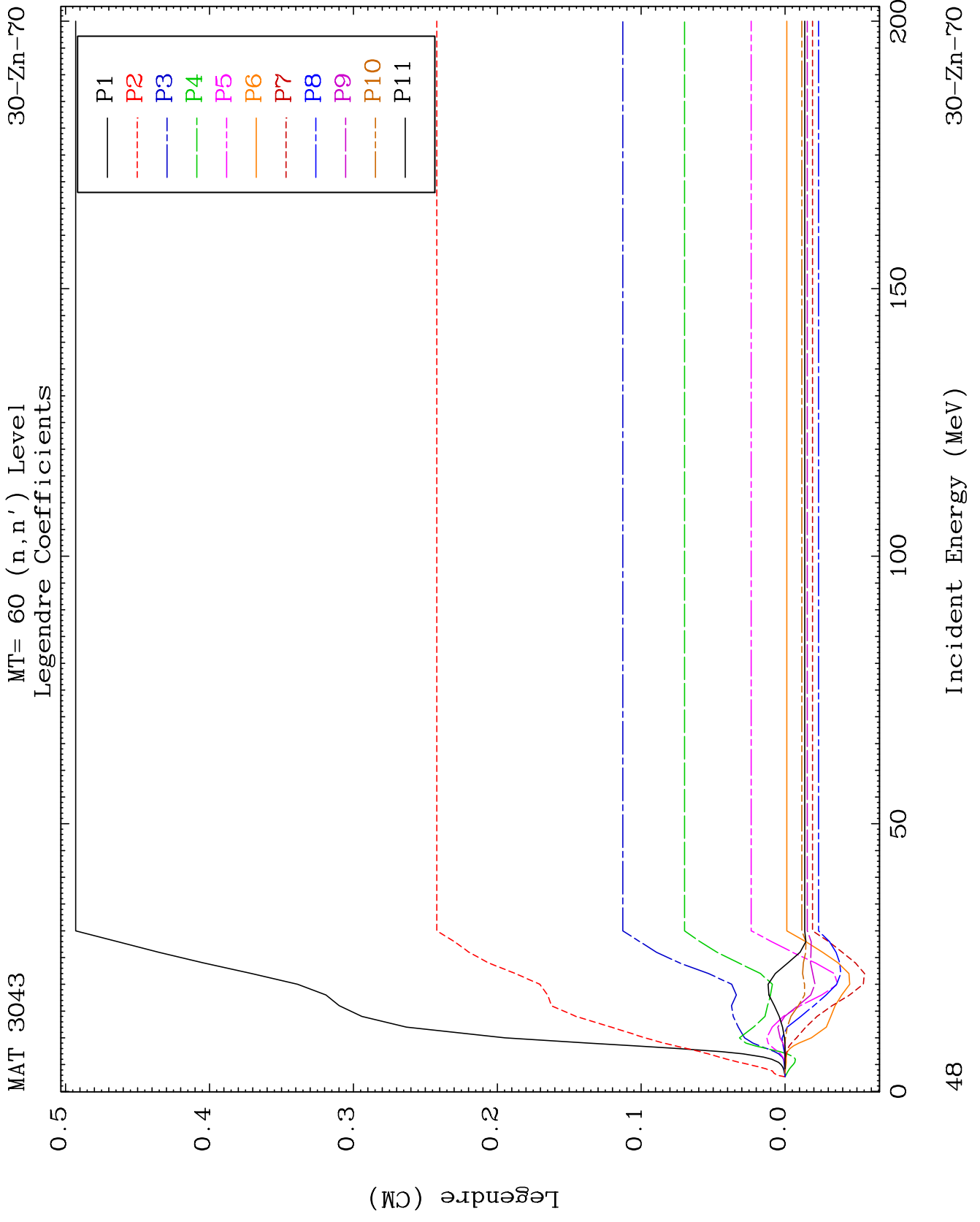
30-Zn-70



47

Incident Energy (MeV)

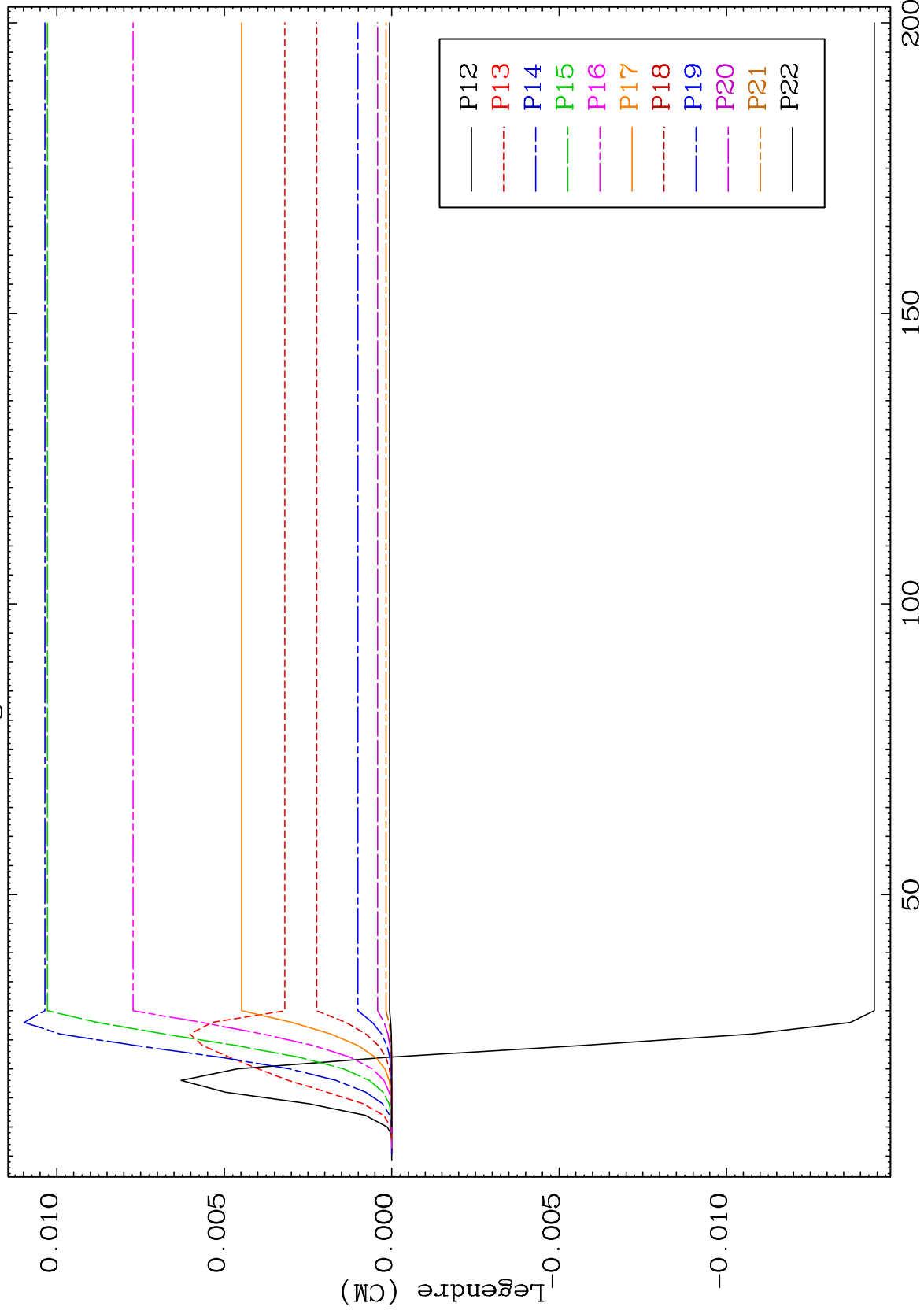
30-Zn-70



MAT 3043

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

30-Zn-70



49

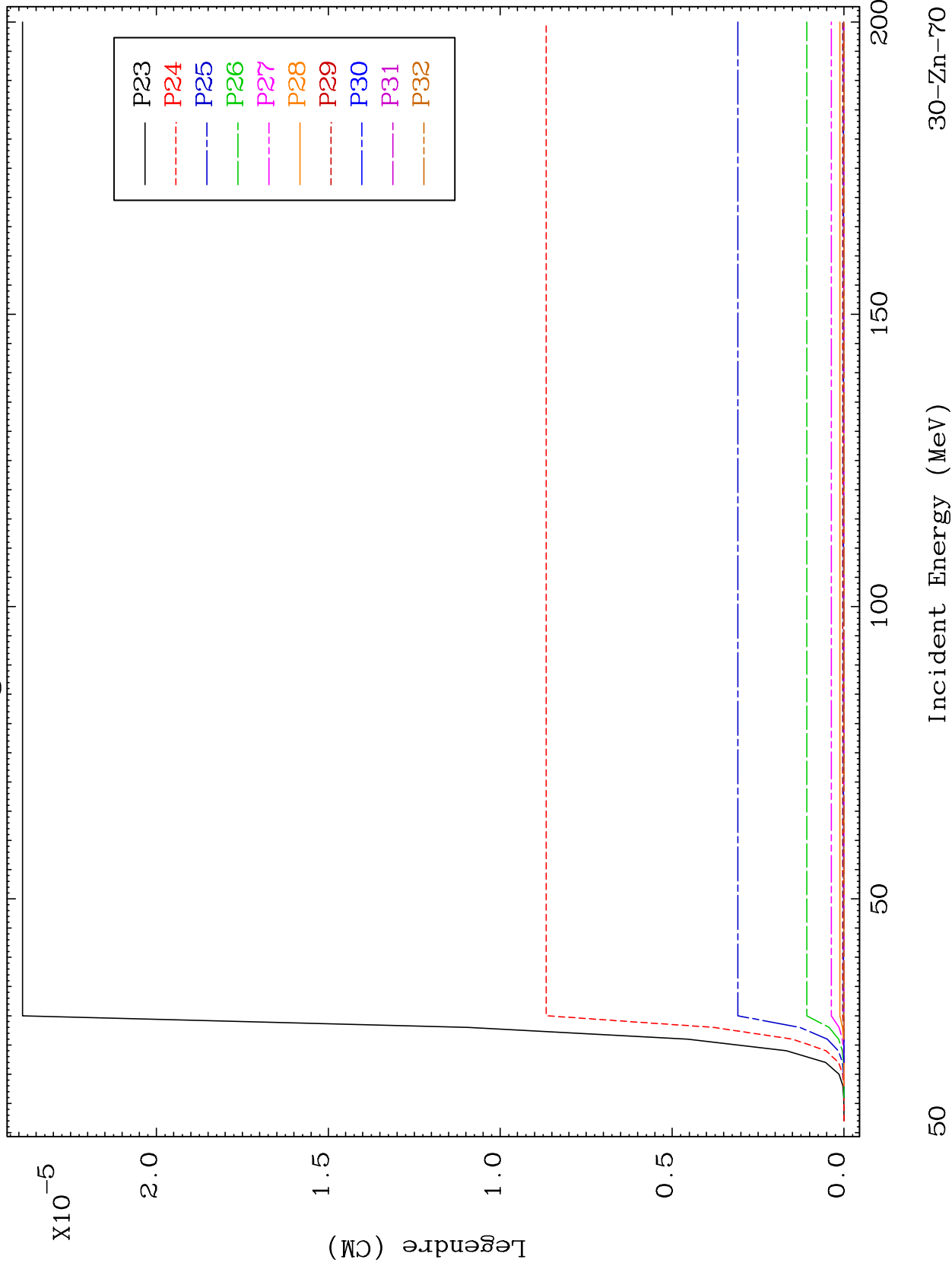
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

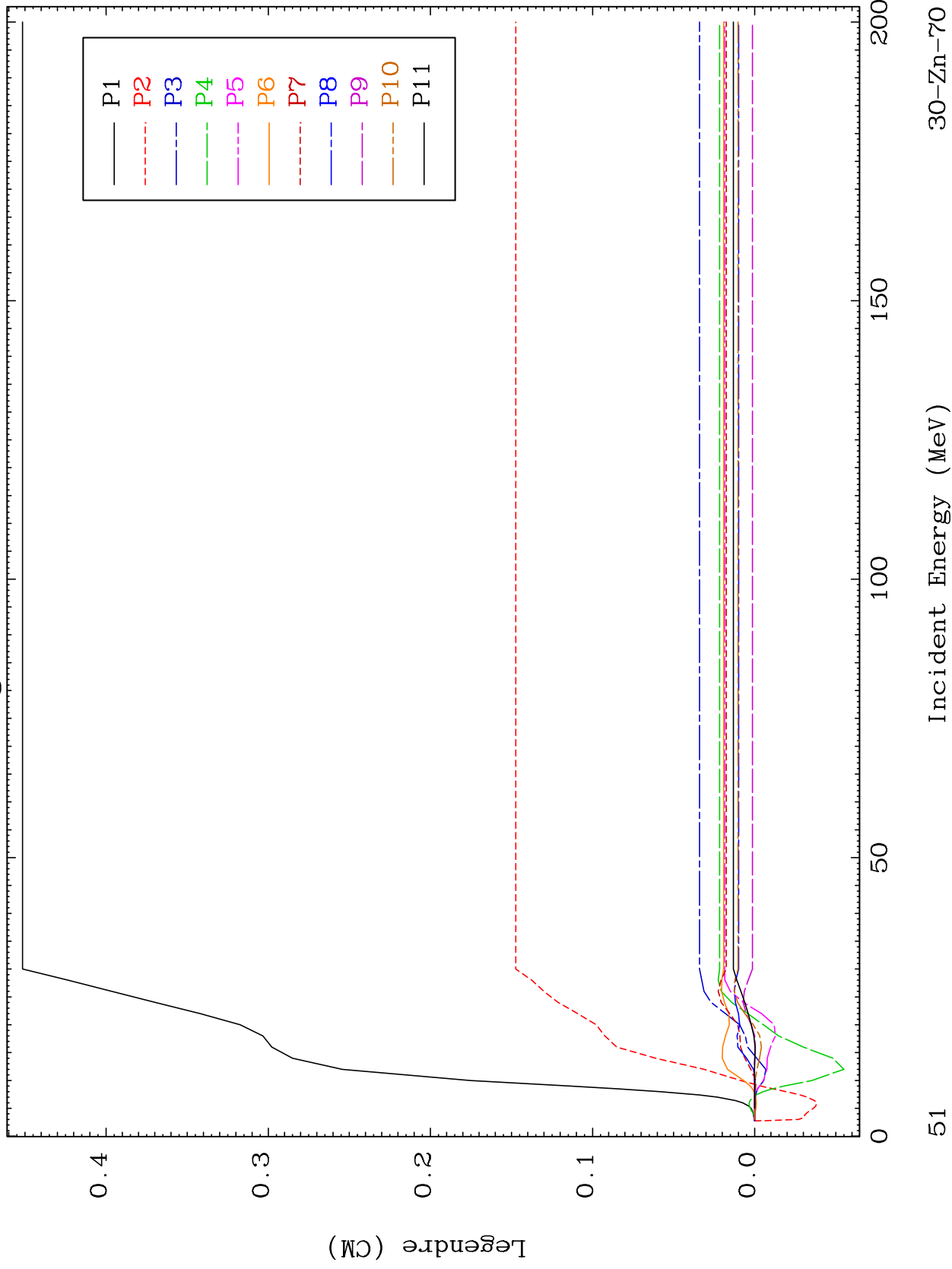
30-Zn-70



MAT 3043

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

30-Zn-70



51

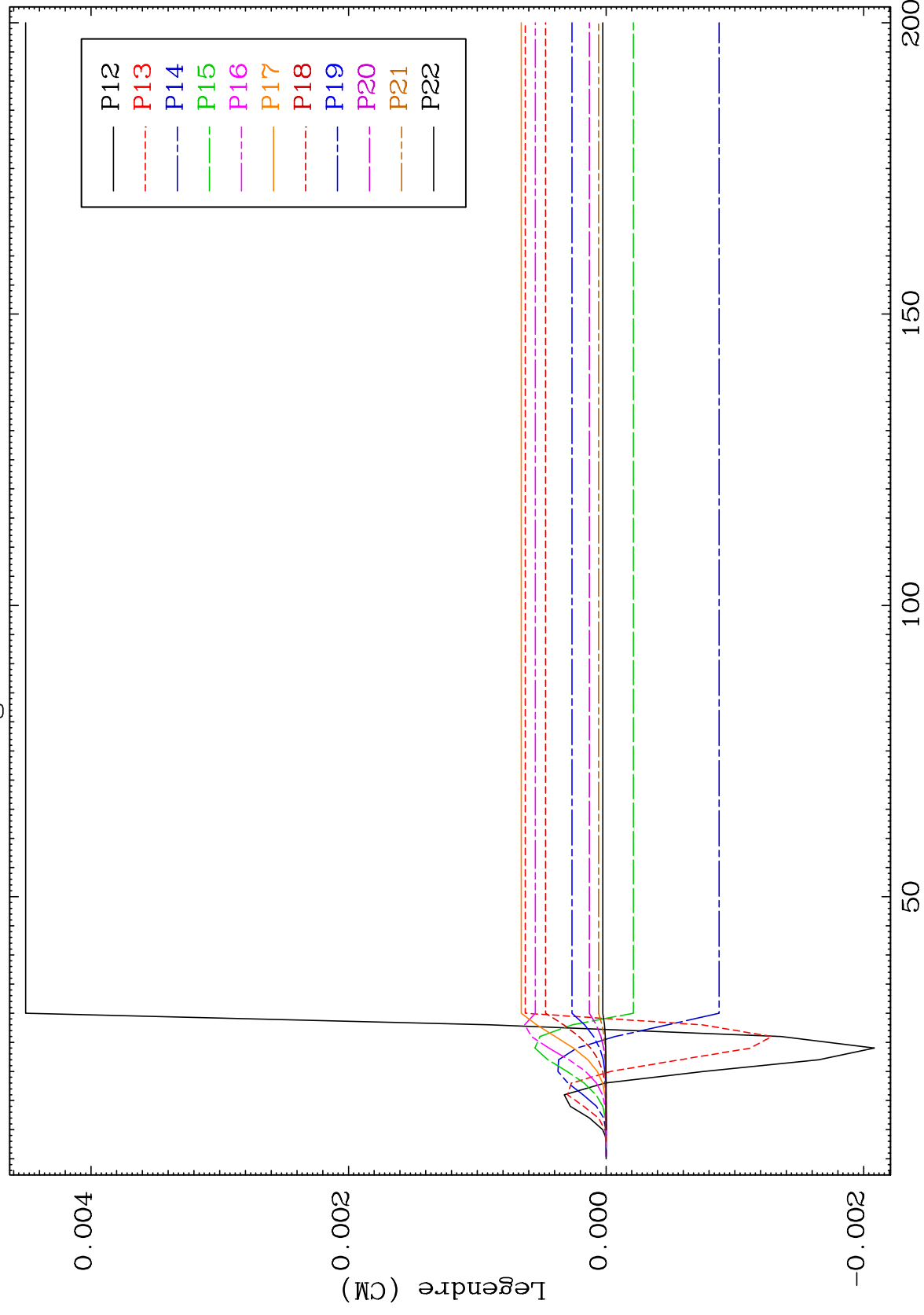
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

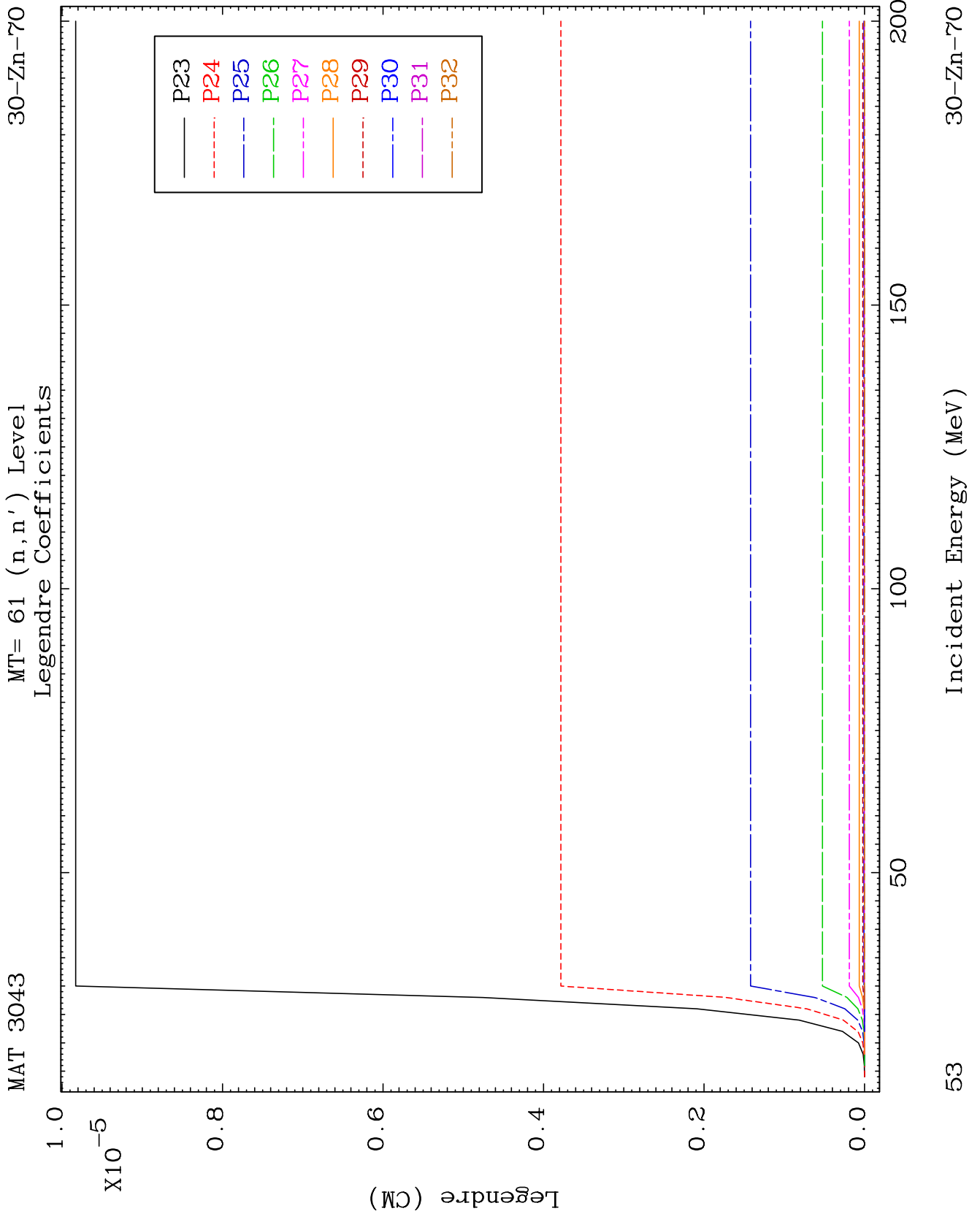
30-Zn-70



52

Incident Energy (MeV)

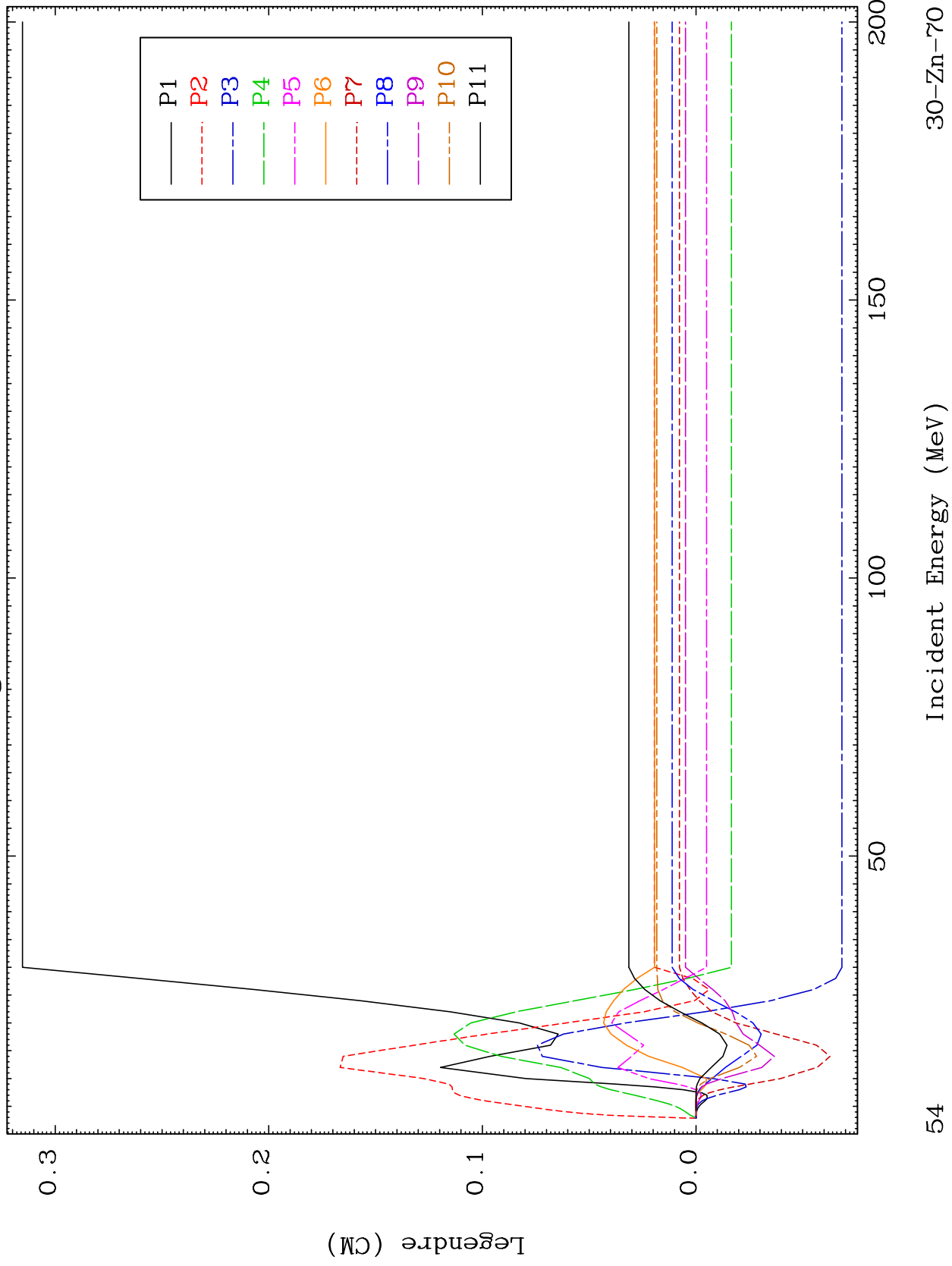
30-Zn-70



MAT 3043

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

30-Zn-70



54

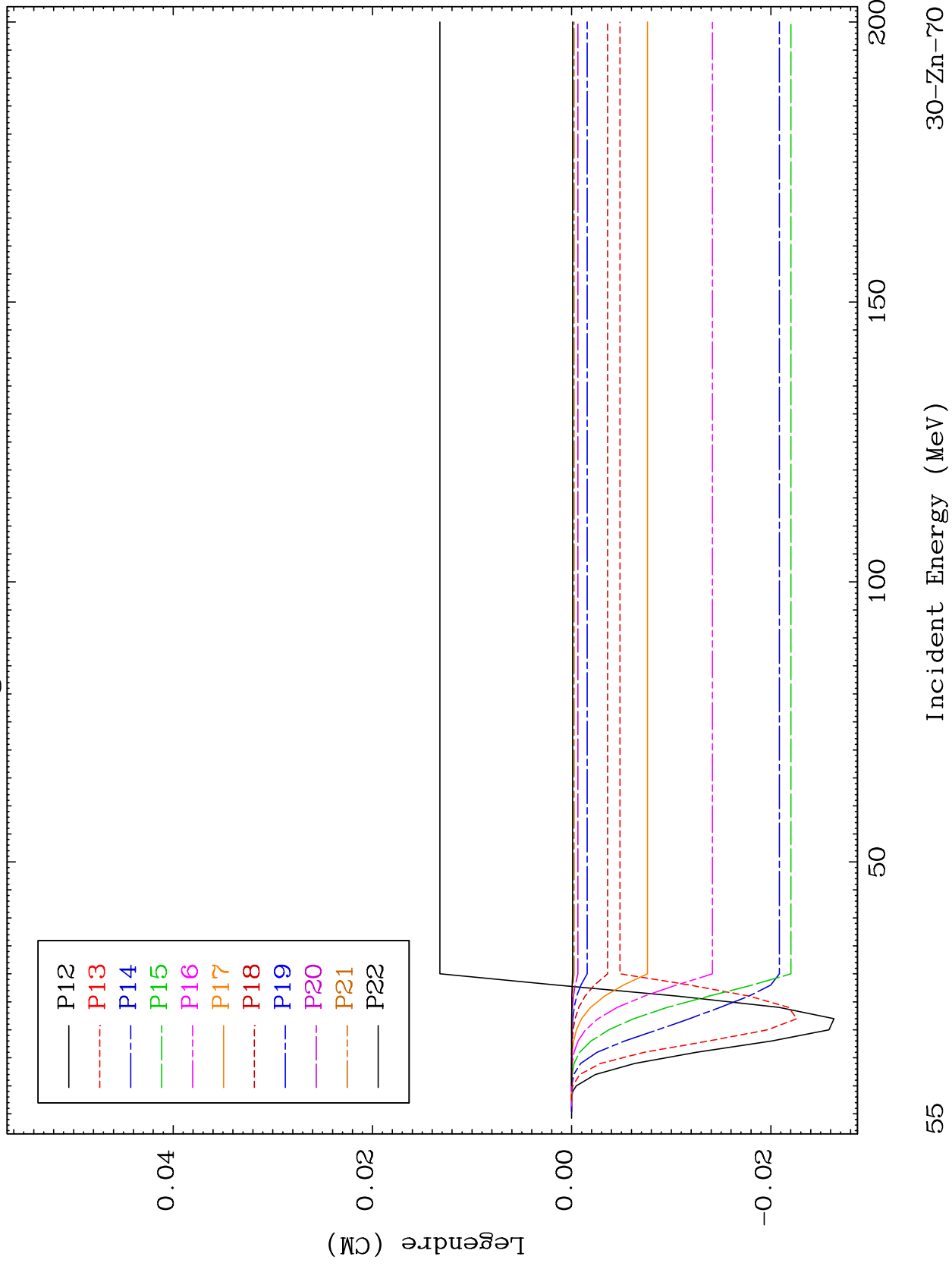
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

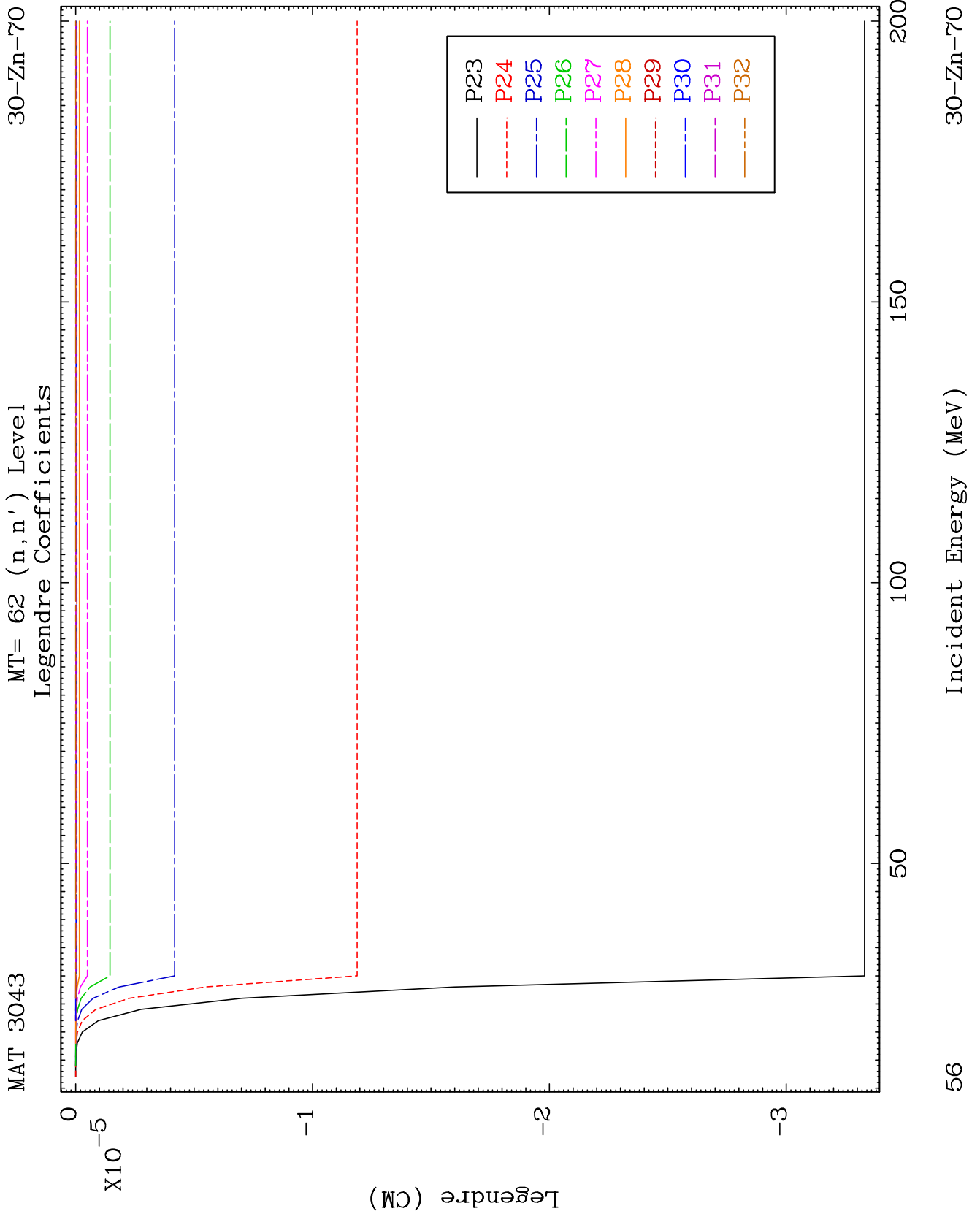
30-Zn-70



55

Incident Energy (MeV)

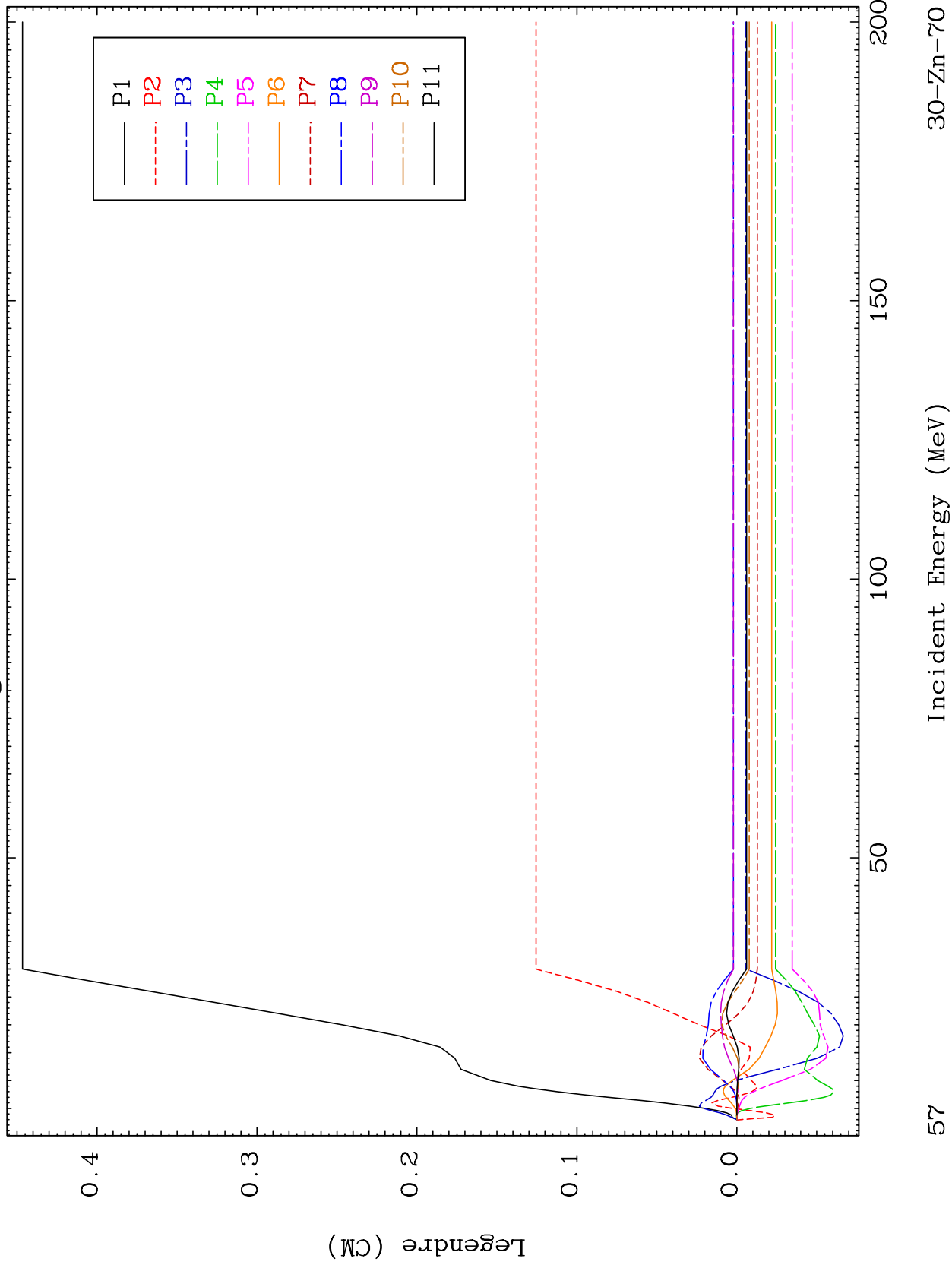
30-Zn-70



MAT 3043

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

30-Zn-70



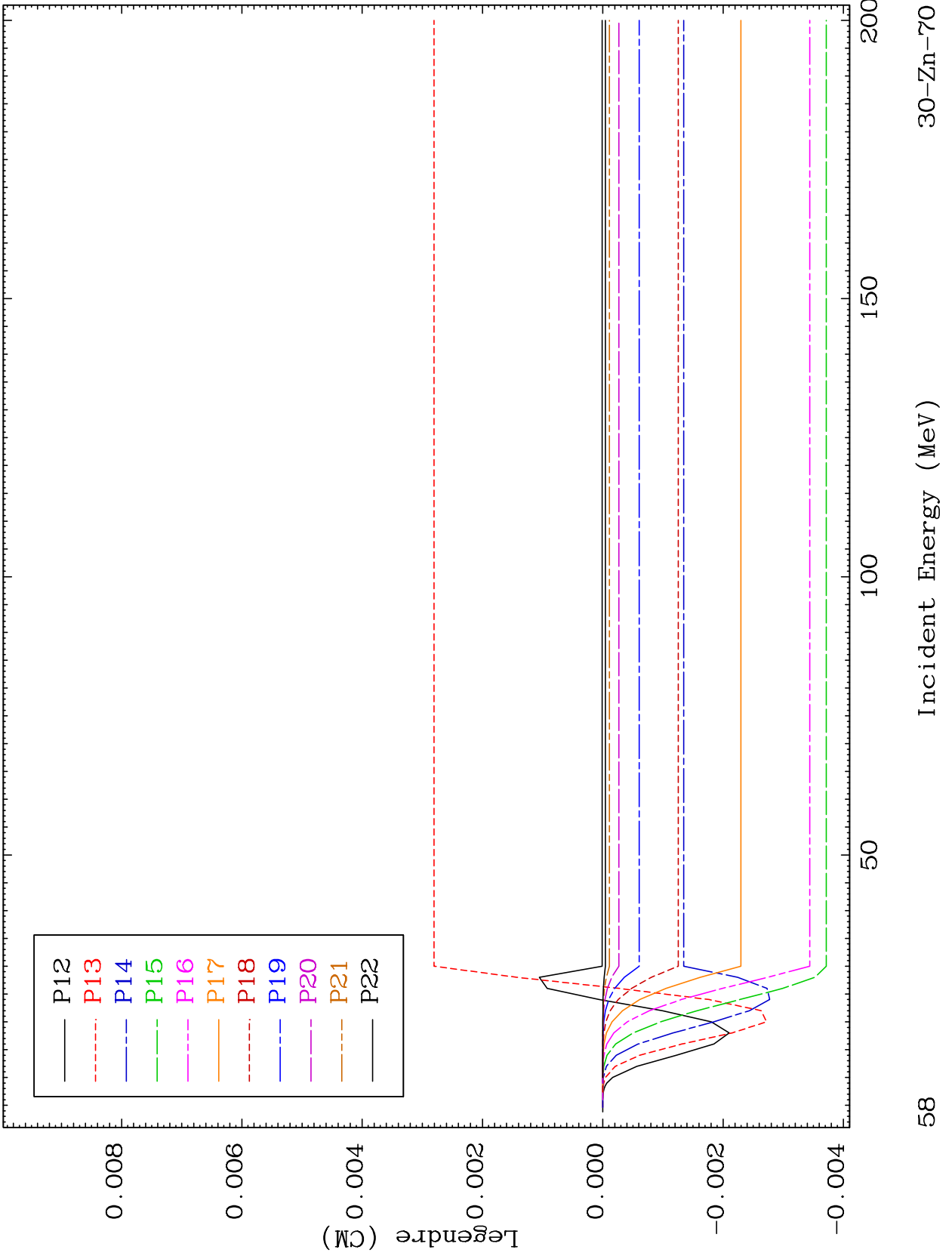
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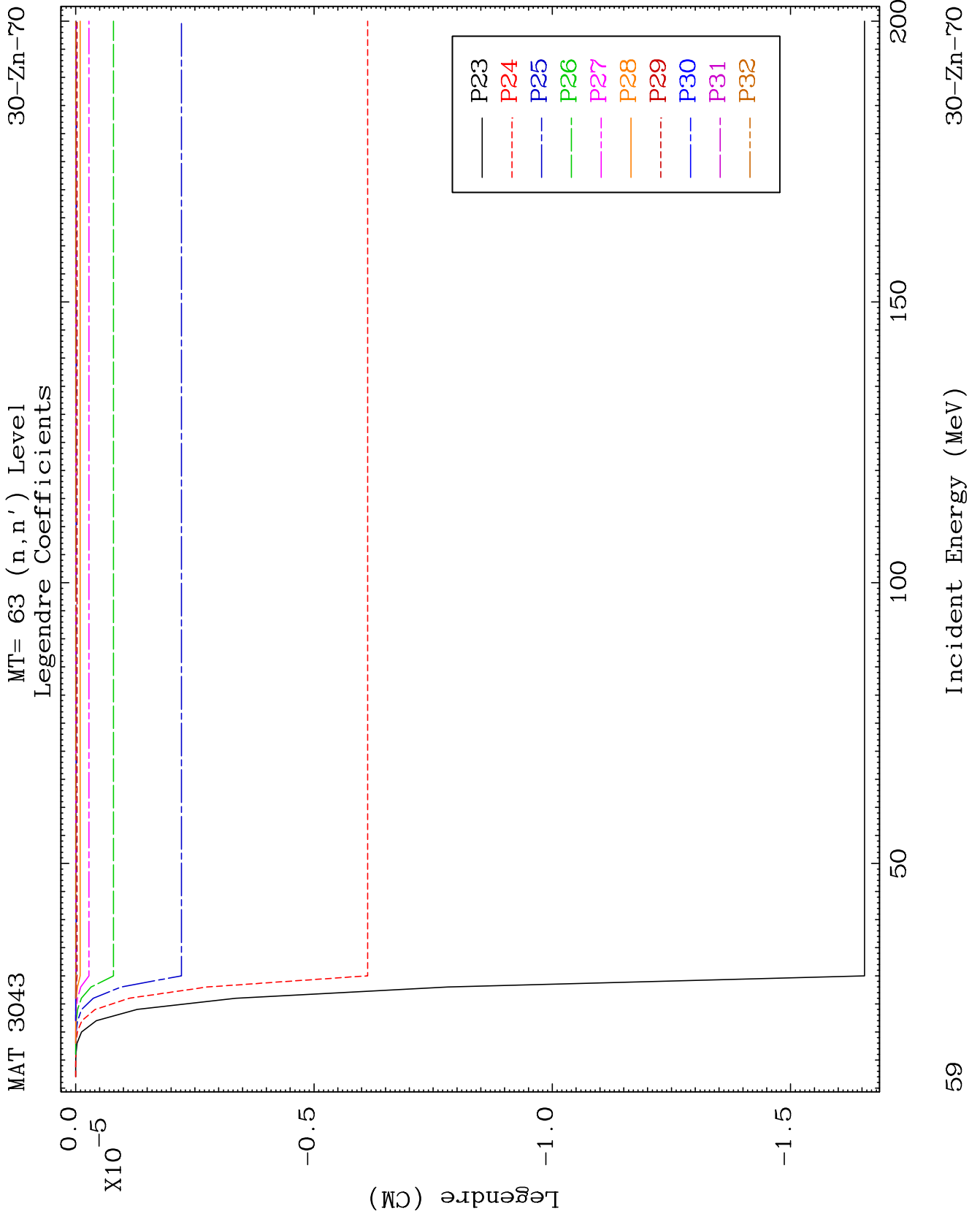
30-Zn-70

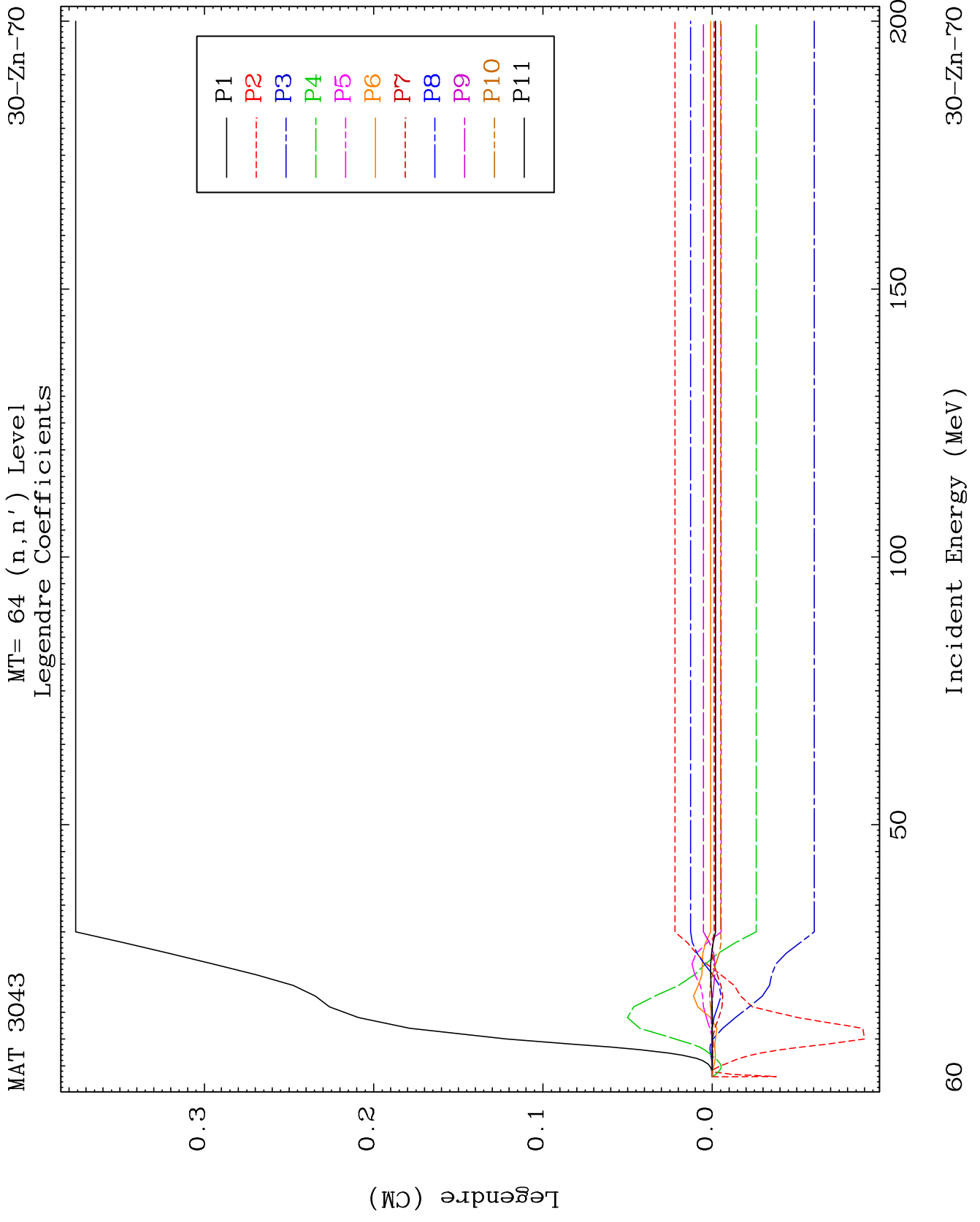
MAT 3043

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

30-Zn-70



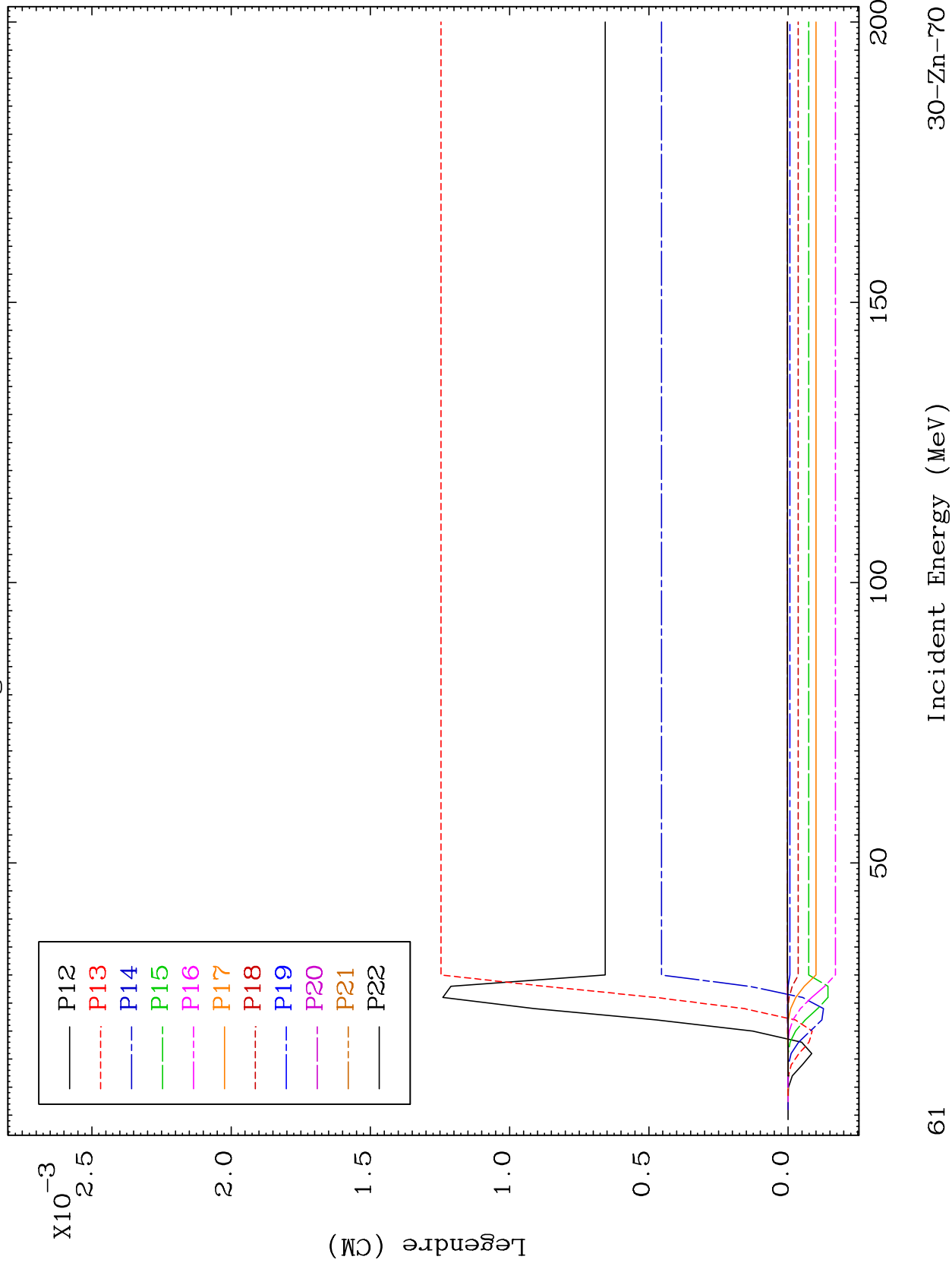


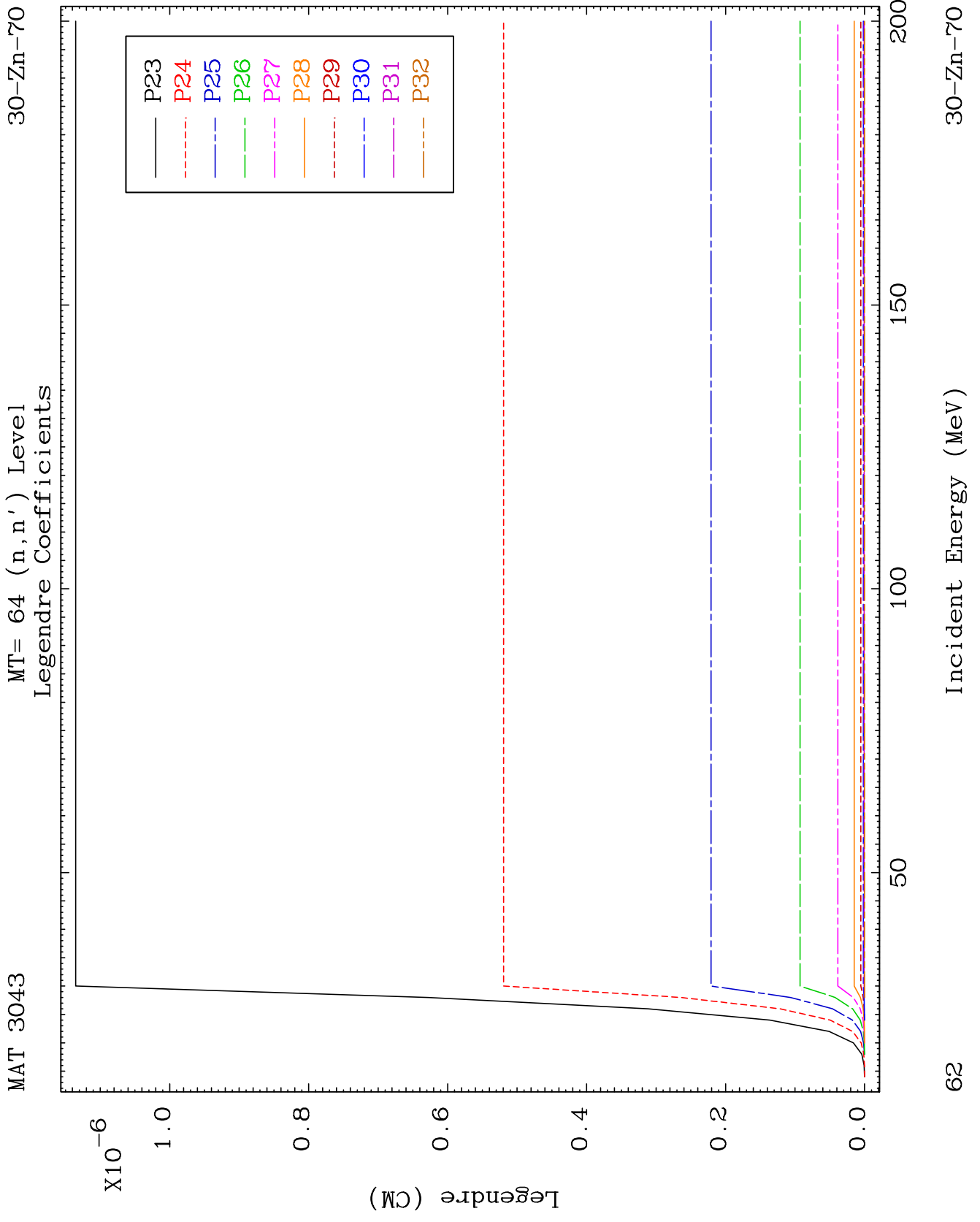


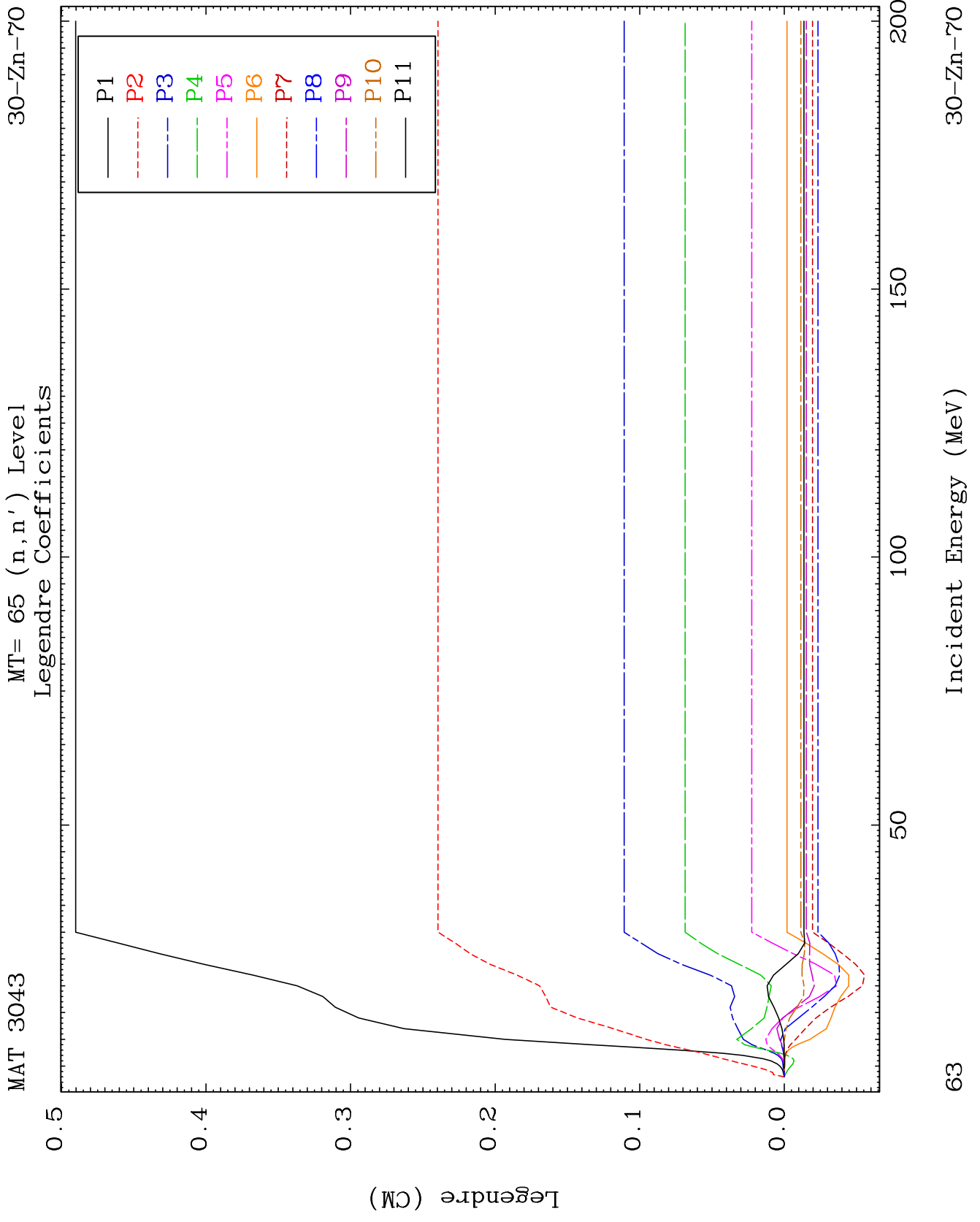
MAT 3043

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

30-Zn-70



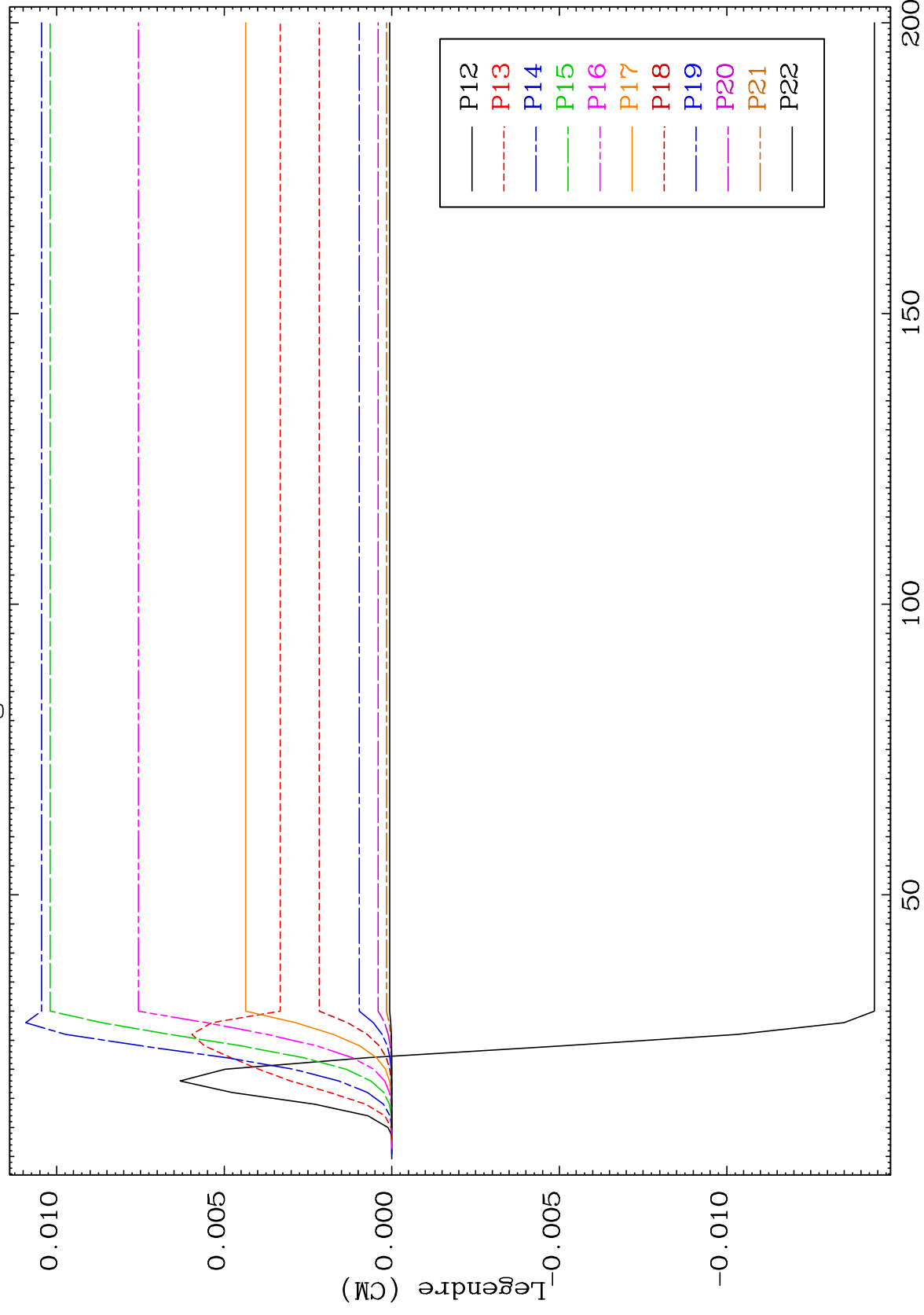




MAT 3043

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

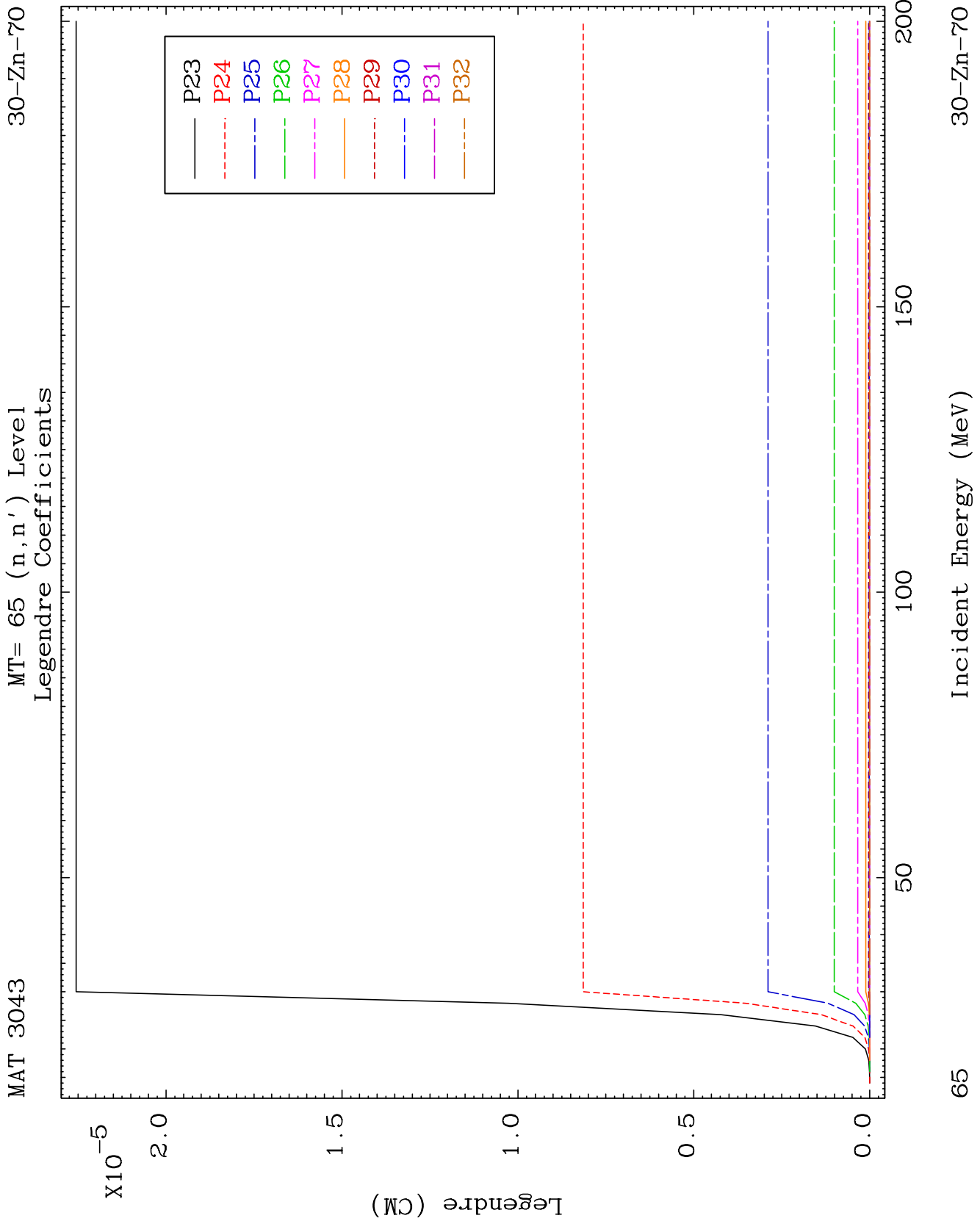
30-Zn-70



64

Incident Energy (MeV)

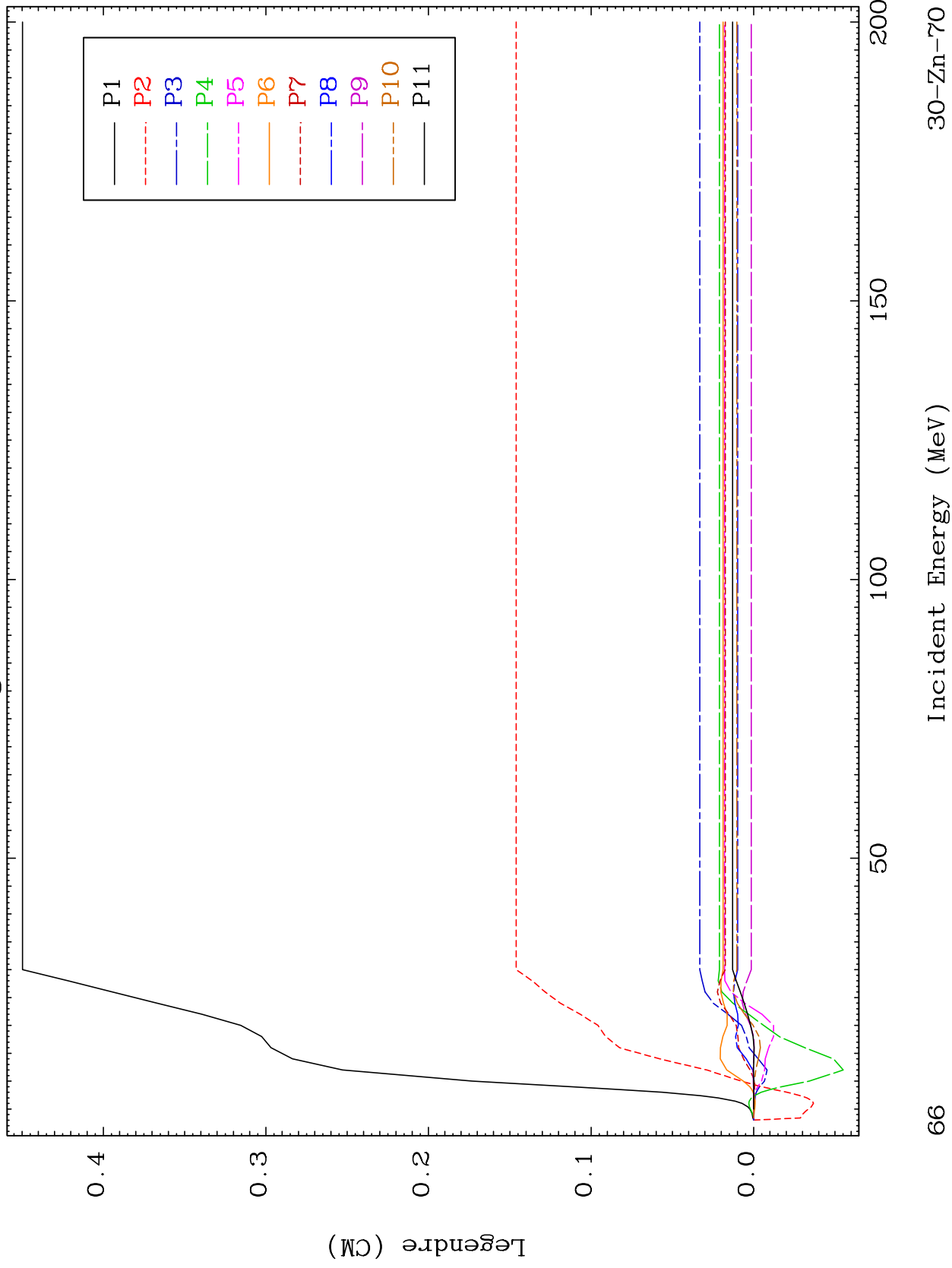
30-Zn-70



MAT 3043

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

30-Zn-70



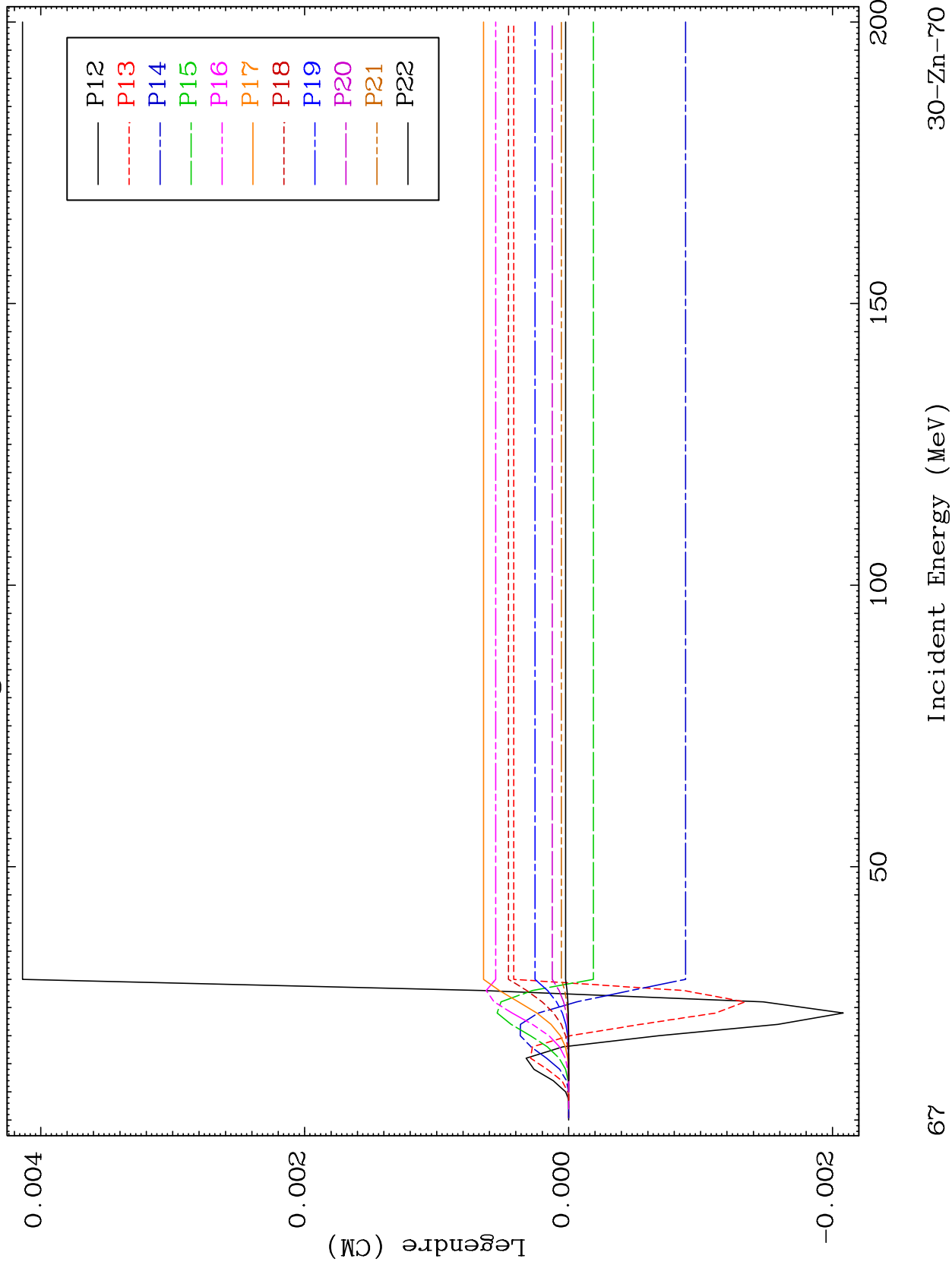
66

30-Zn-70

MAT 3043

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

30-Zn-70



67

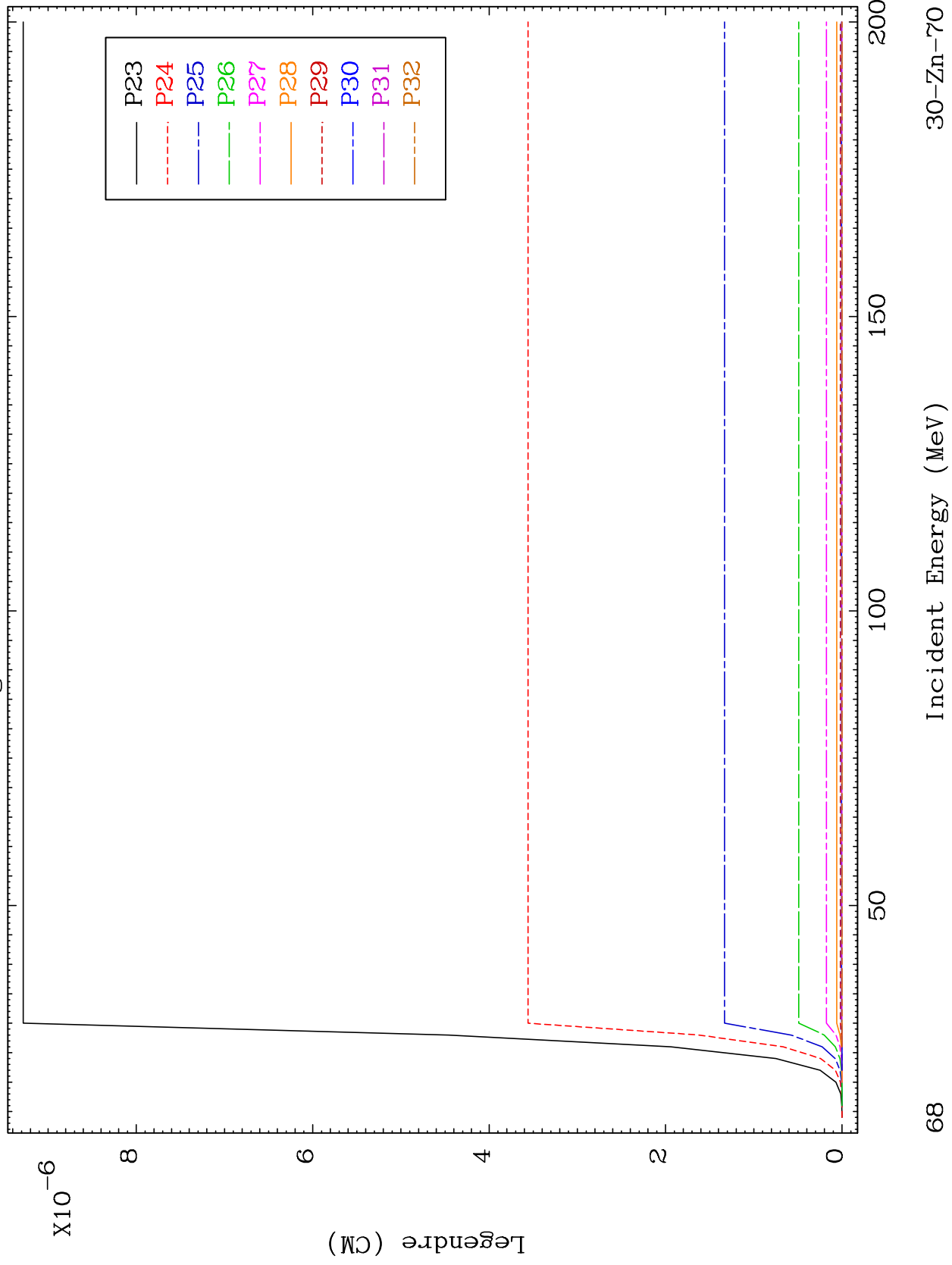
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

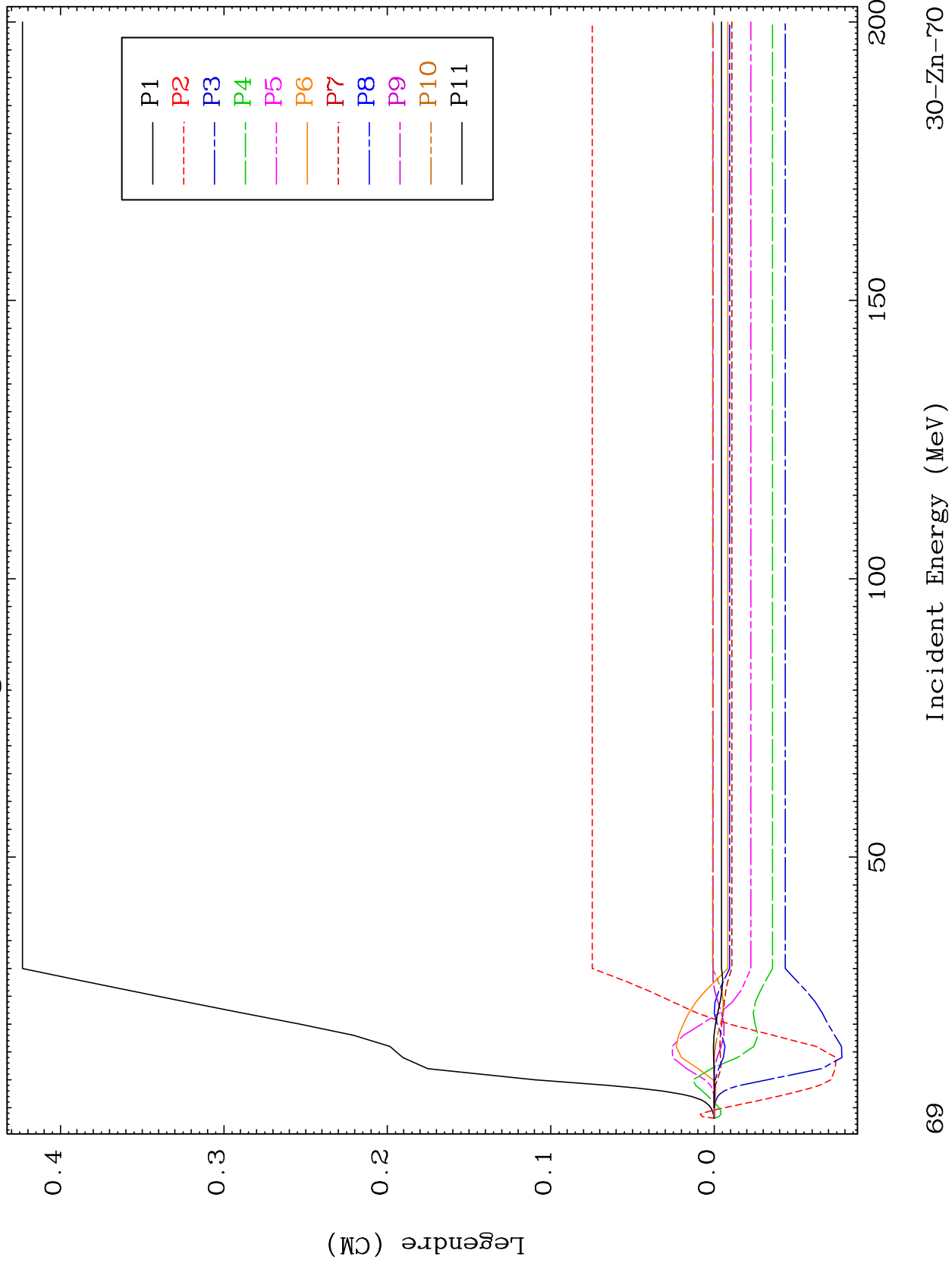
30-Zn-70

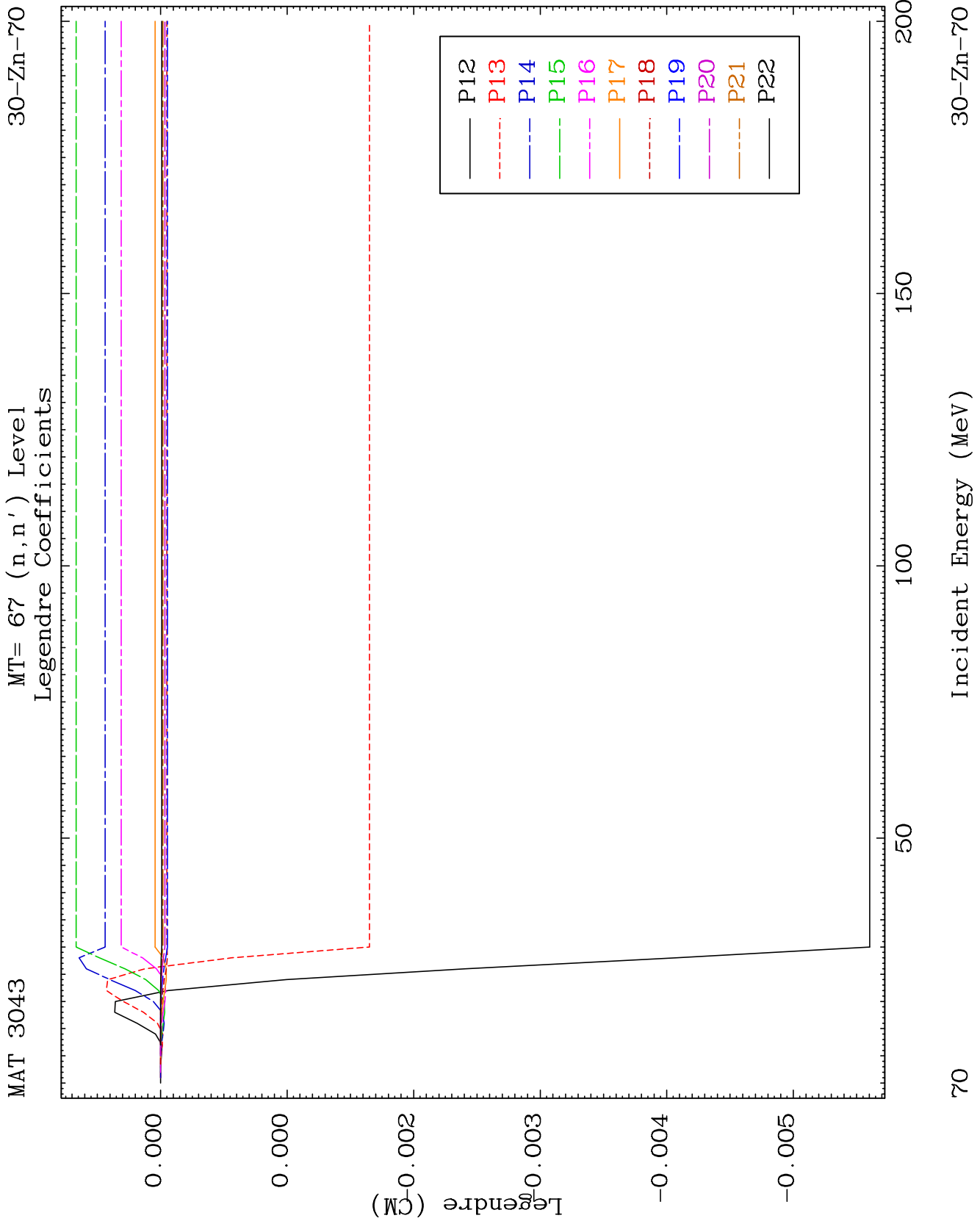


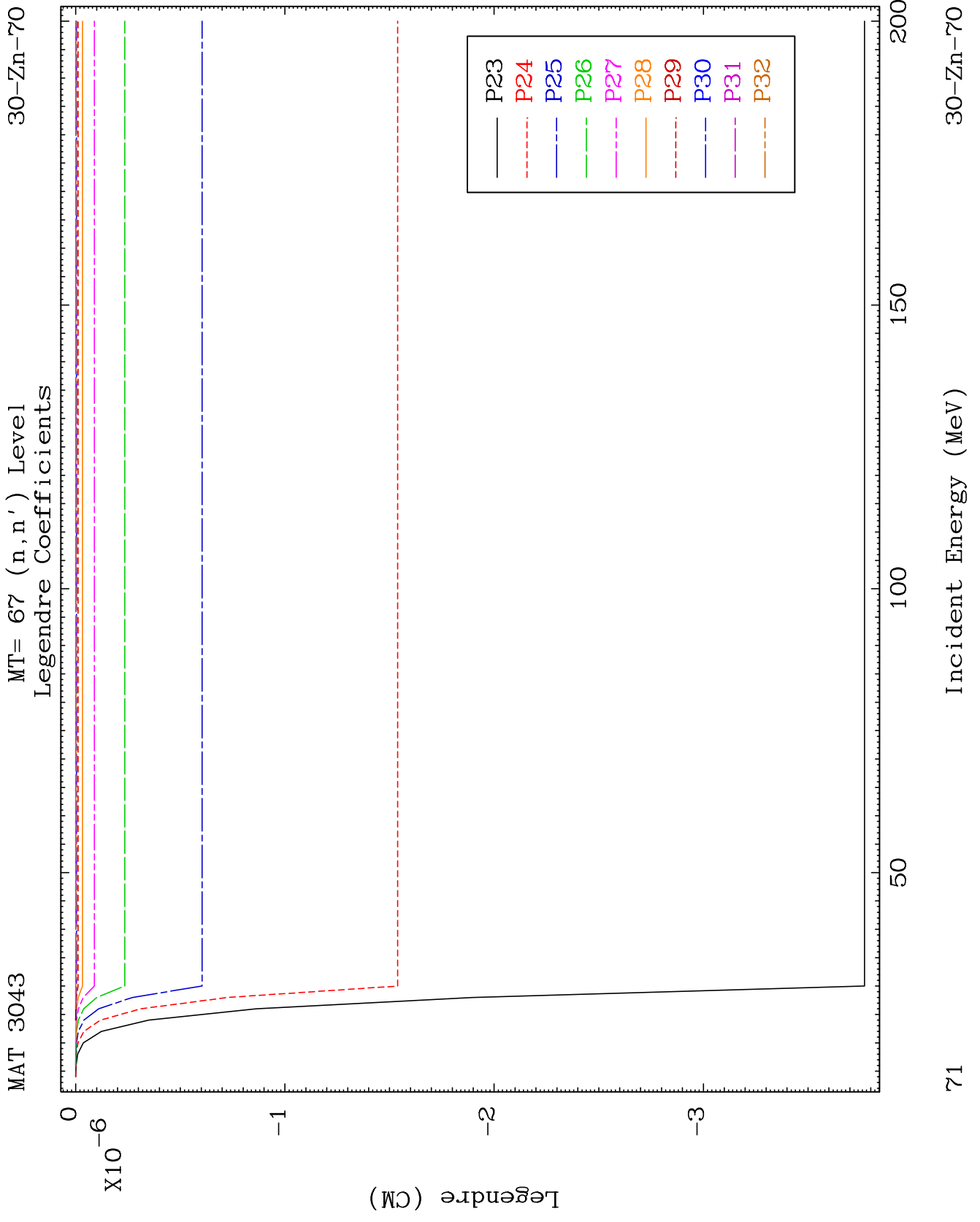
MAT 3043

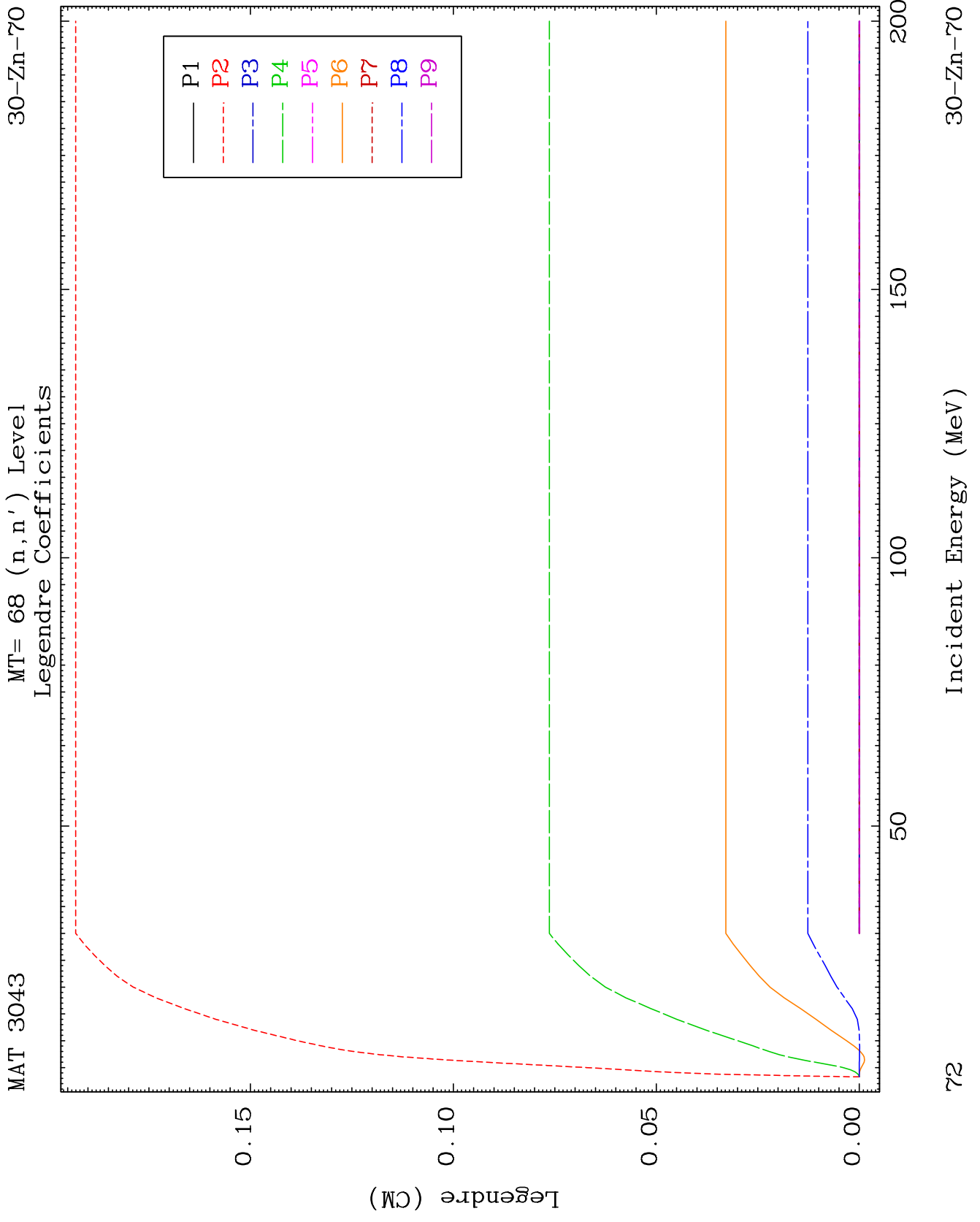
MT= 67 (n,n') Level
Legendre Coefficients

30-Zn-70





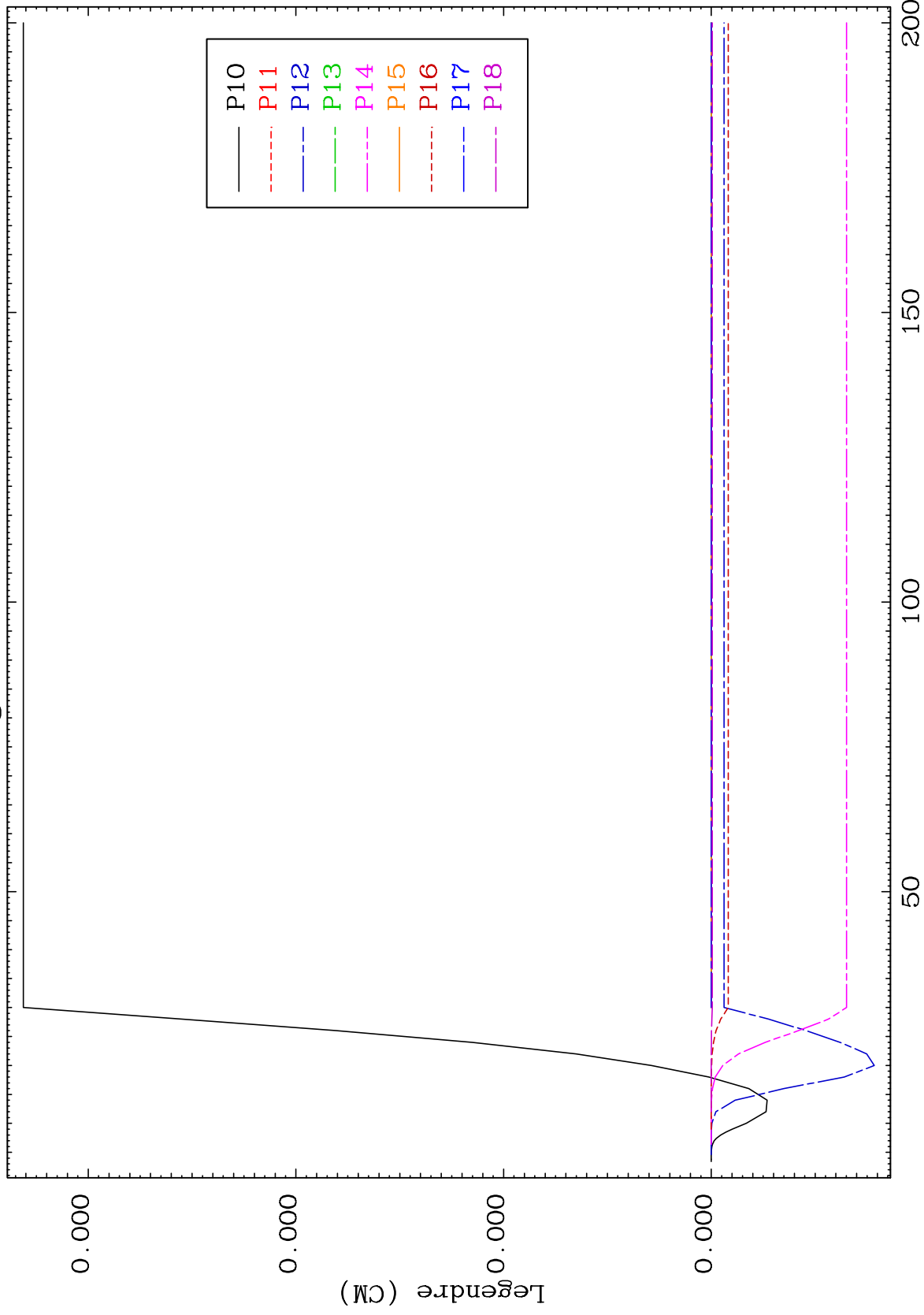




MAT 3043

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

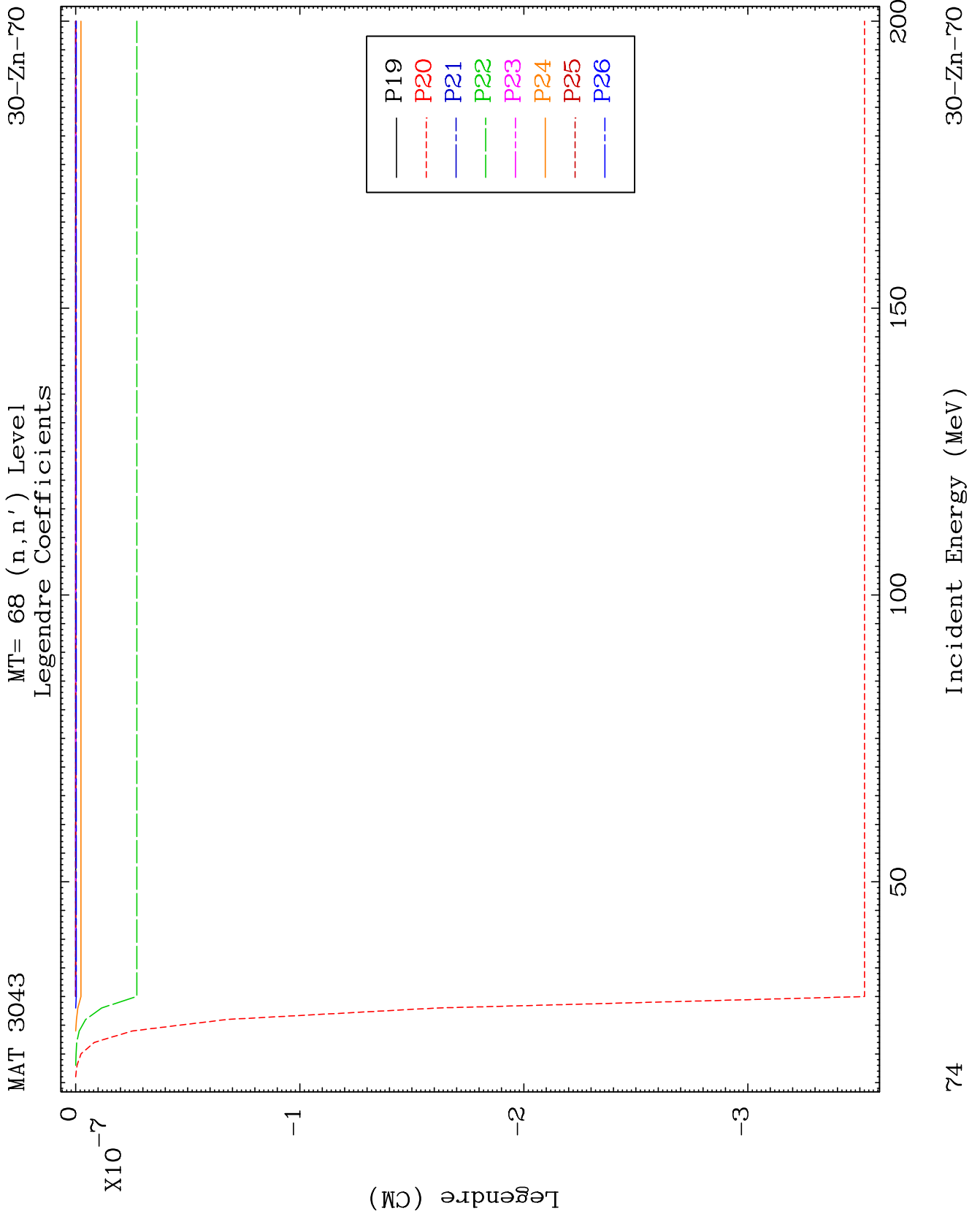
30-Zn-70



73

Incident Energy (MeV)

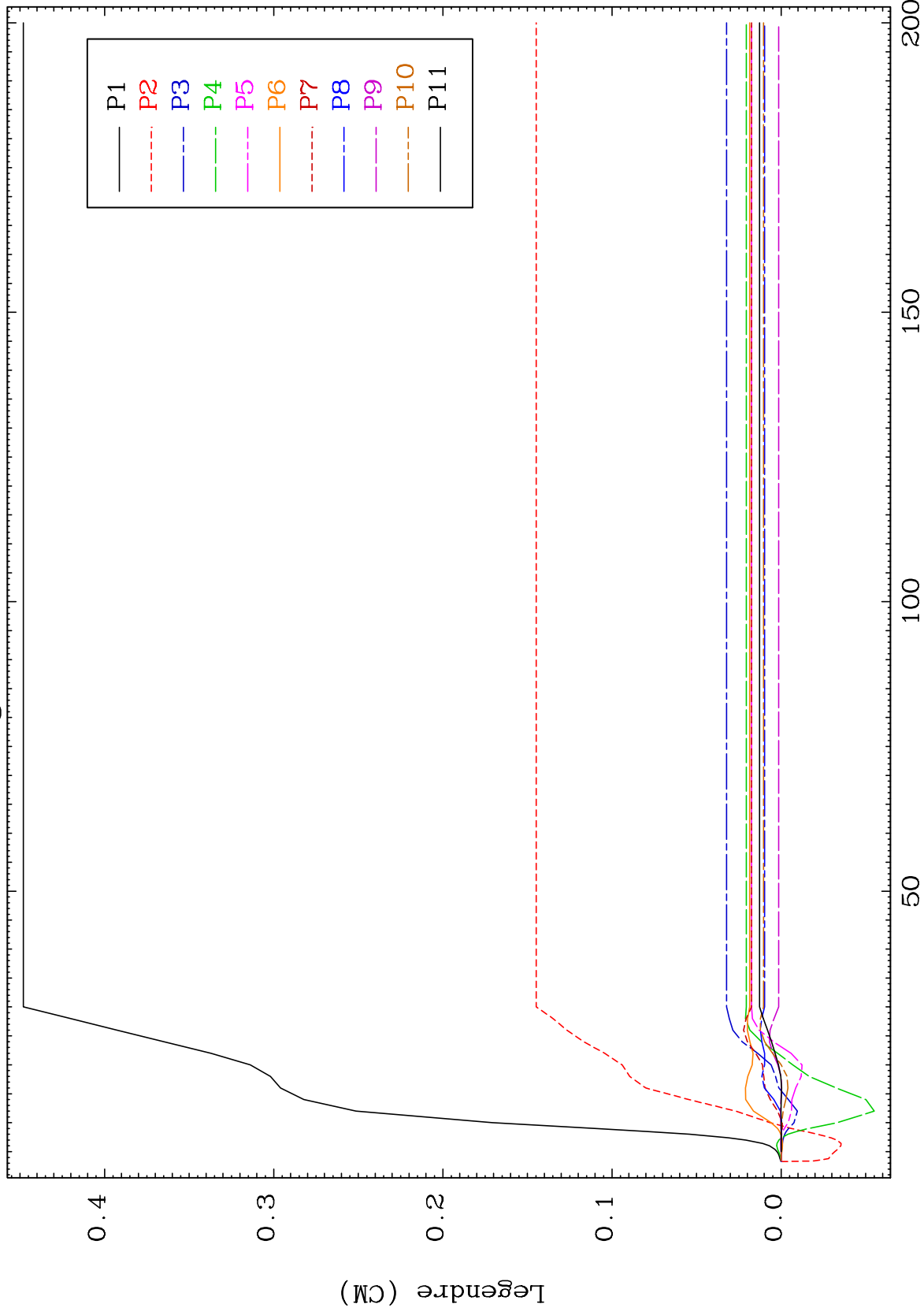
30-Zn-70



MAT 3043

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

30-Zn-70



75

Incident Energy (MeV)

30-Zn-70

200

150

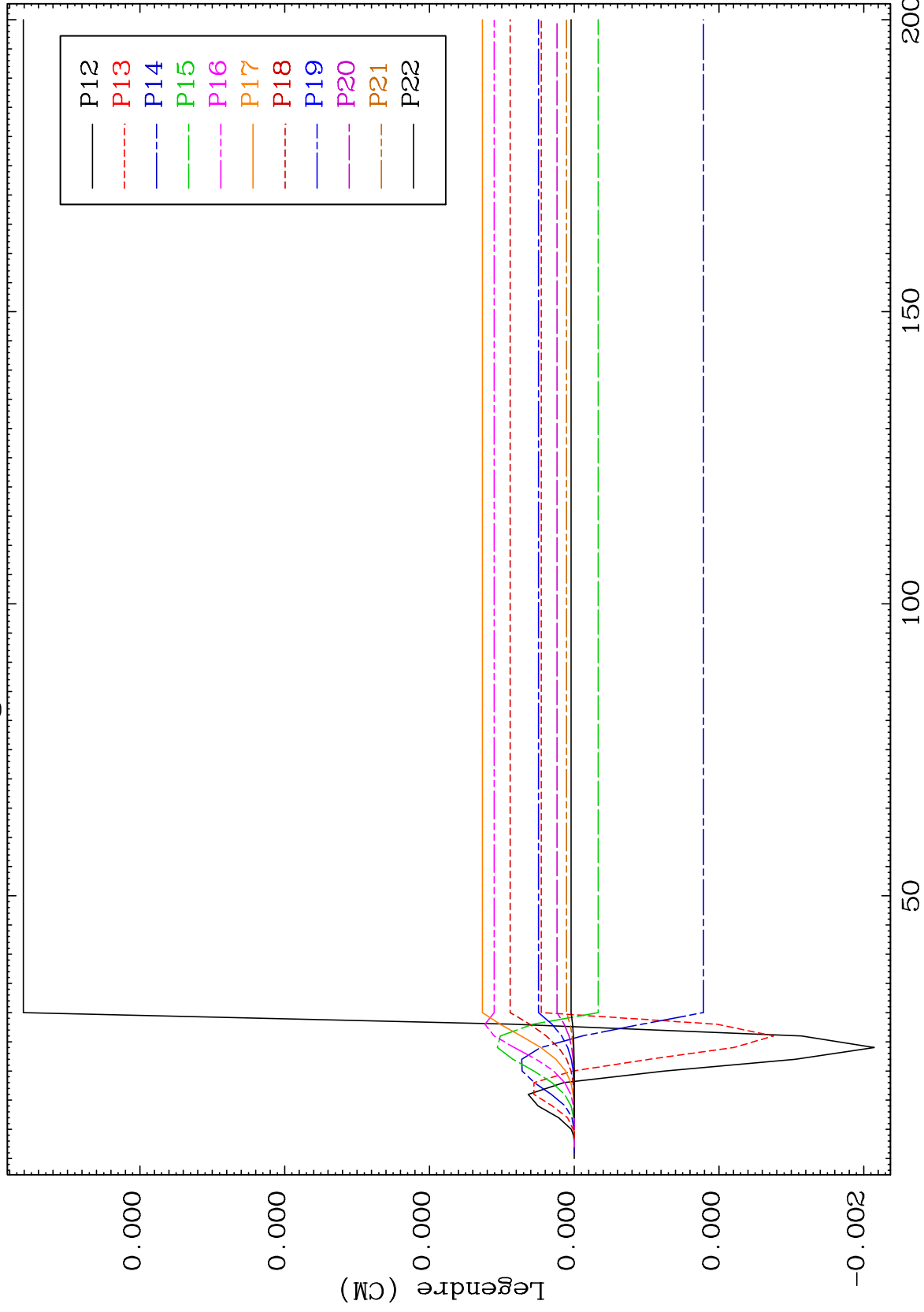
100

50

MAT 3043

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

30-Zn-70



76

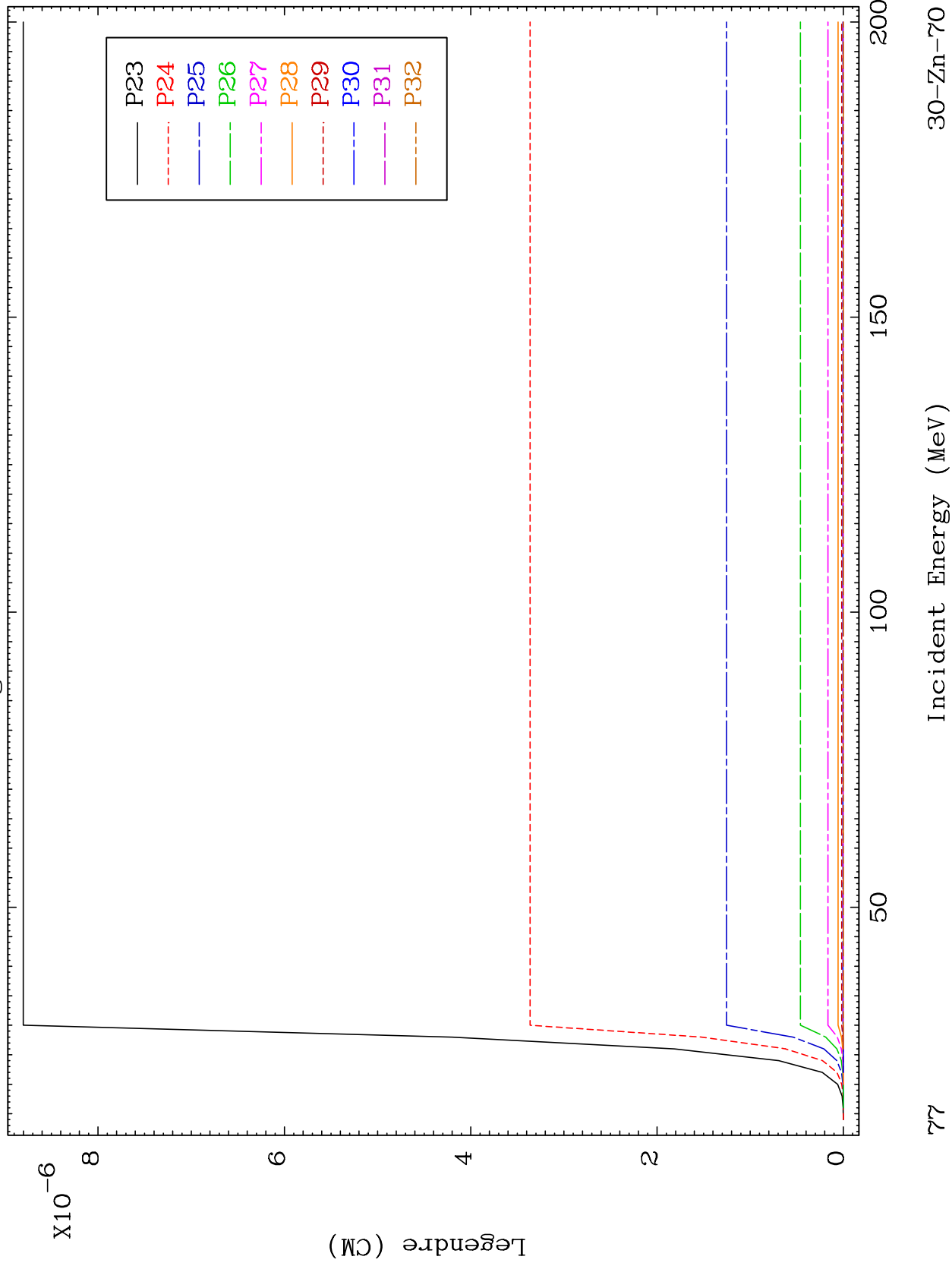
Incident Energy (MeV)

30-Zn-70

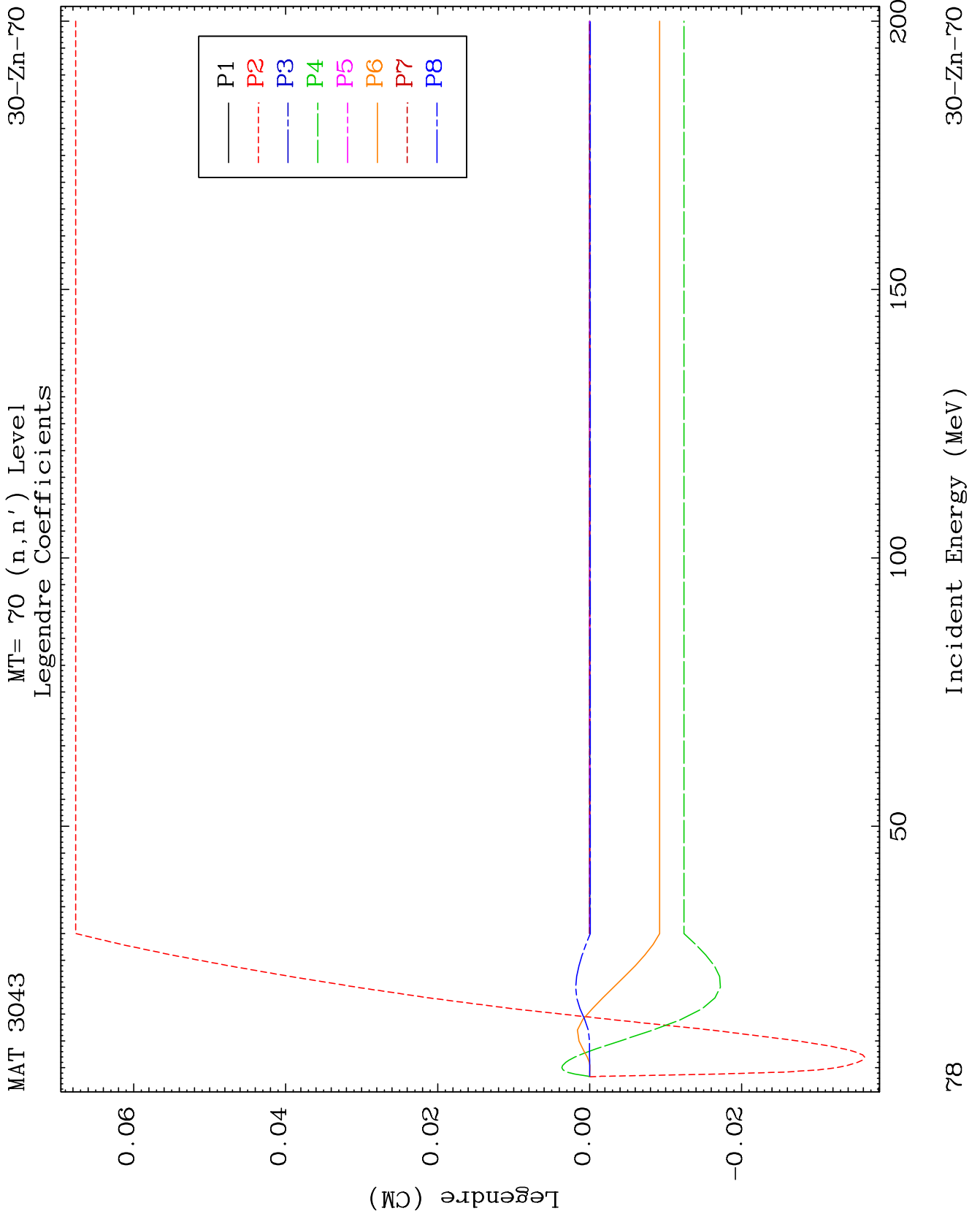
MAT 3043

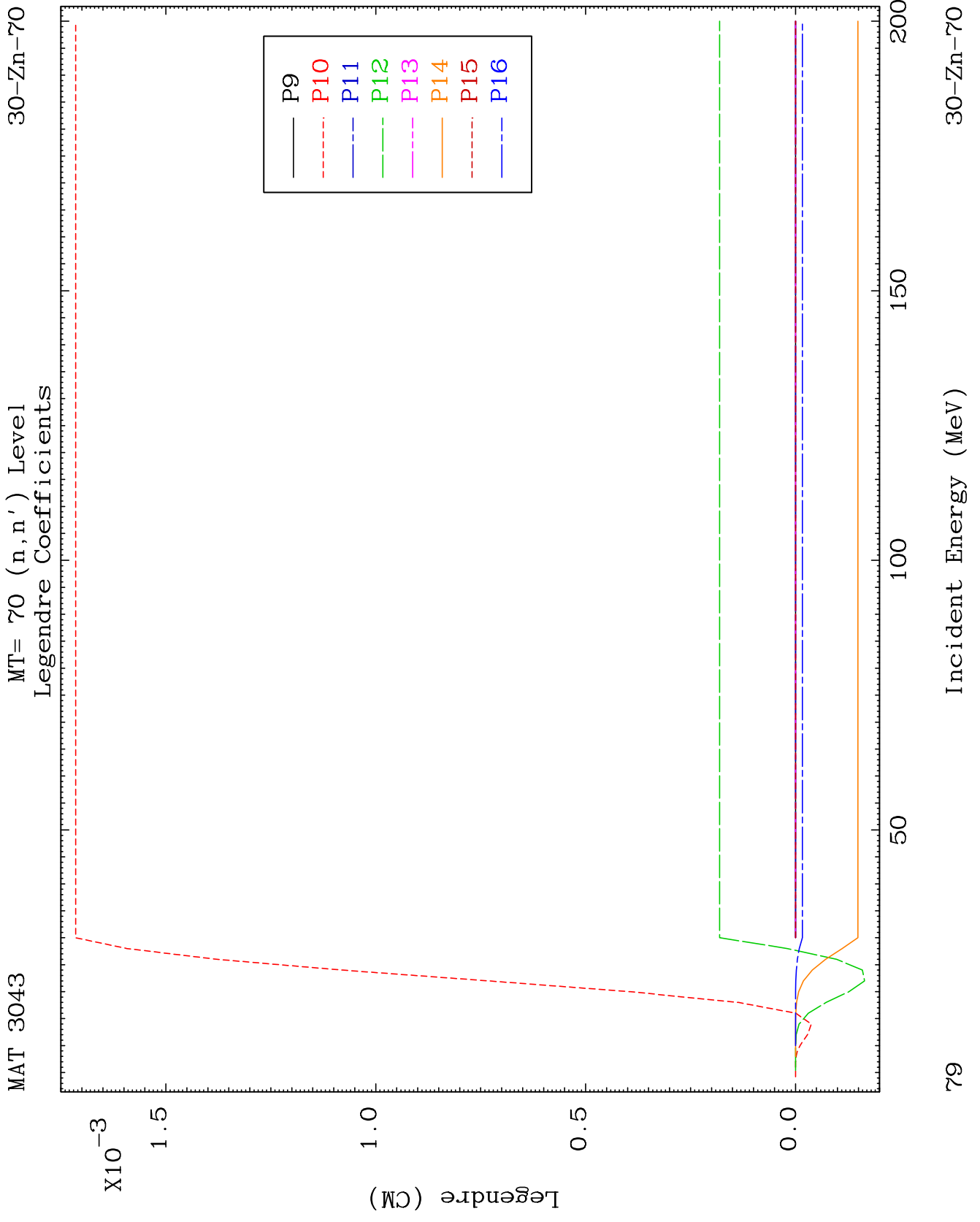
MT= 69 (n,n') Level
Legendre Coefficients

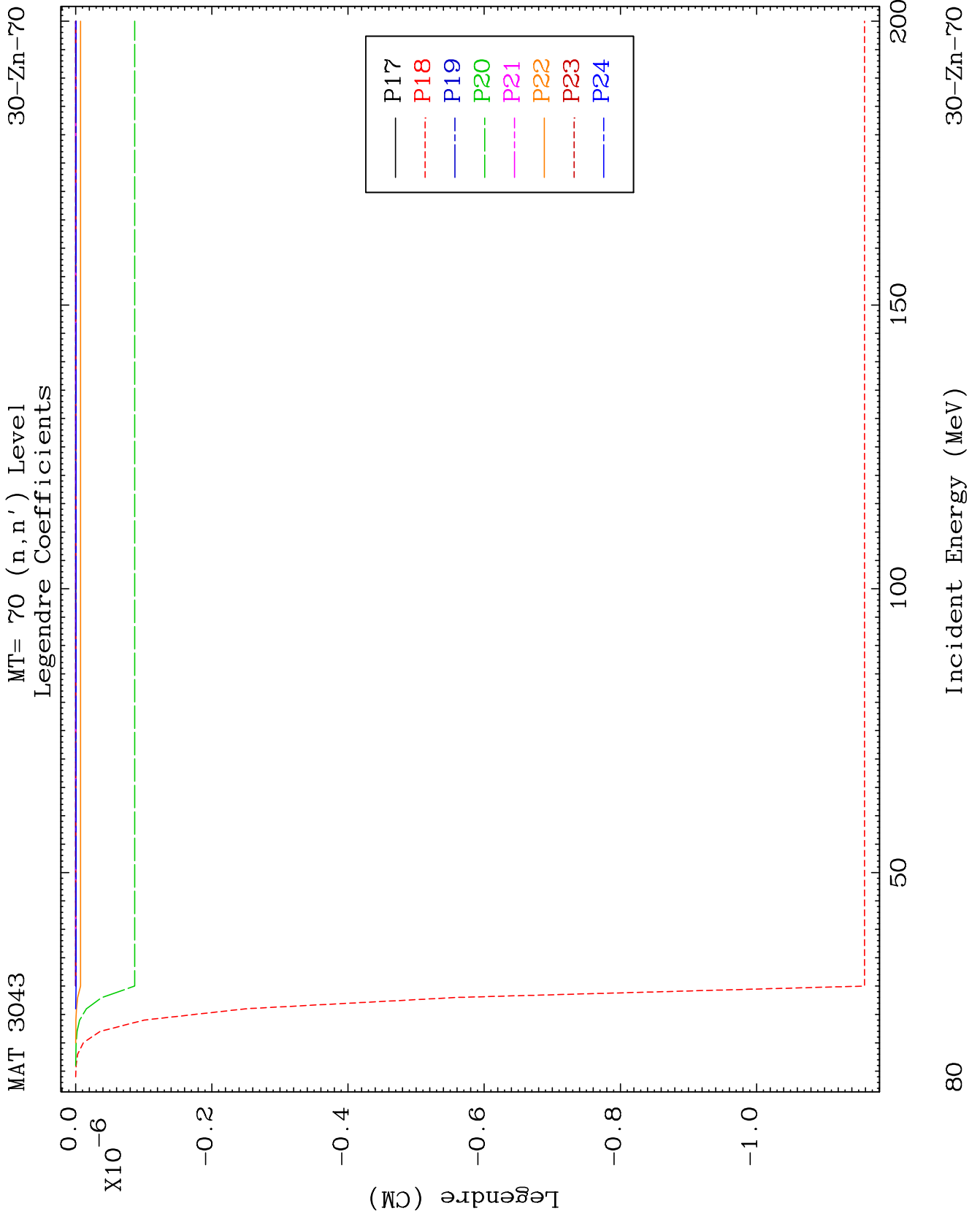
30-Zn-70

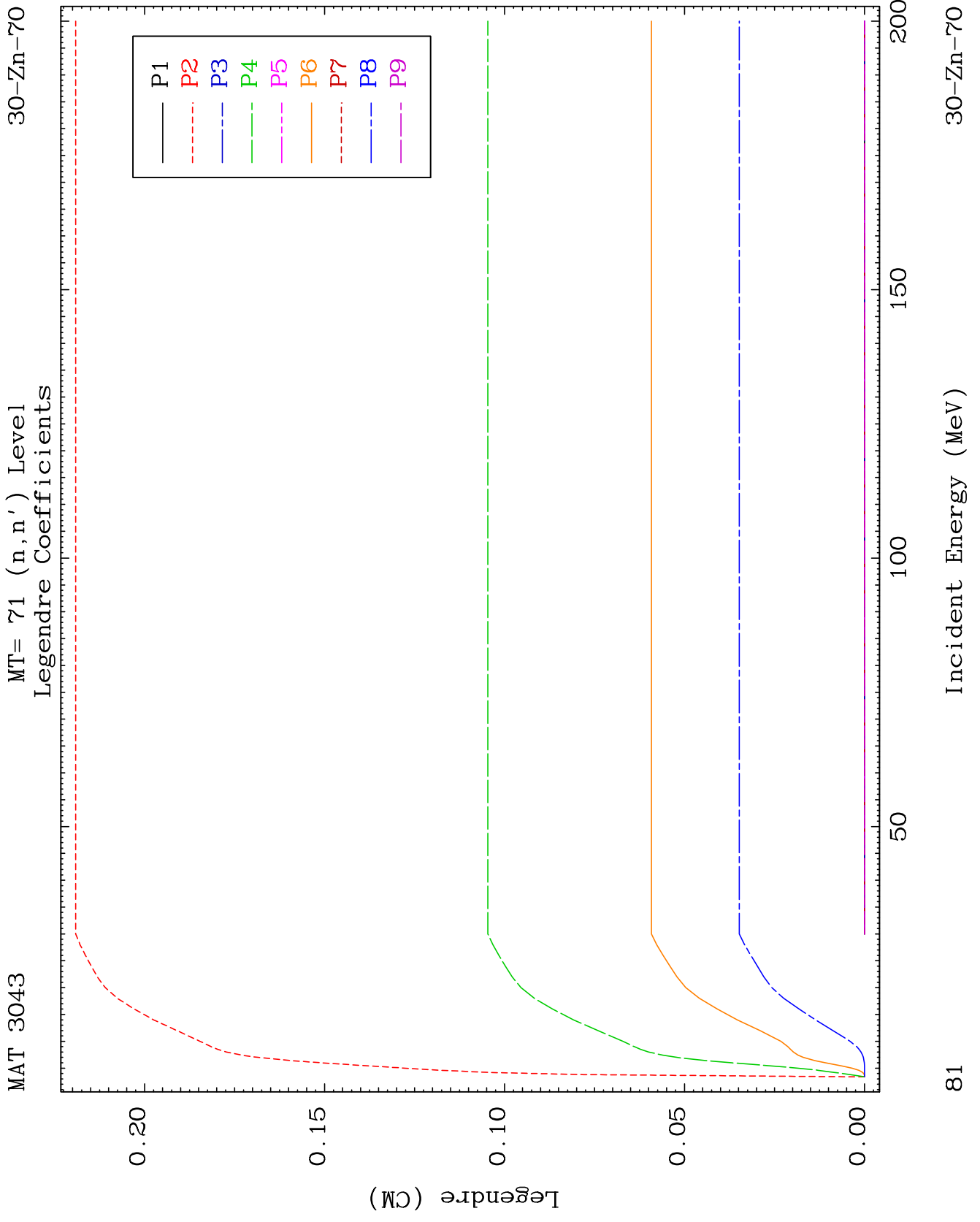


77





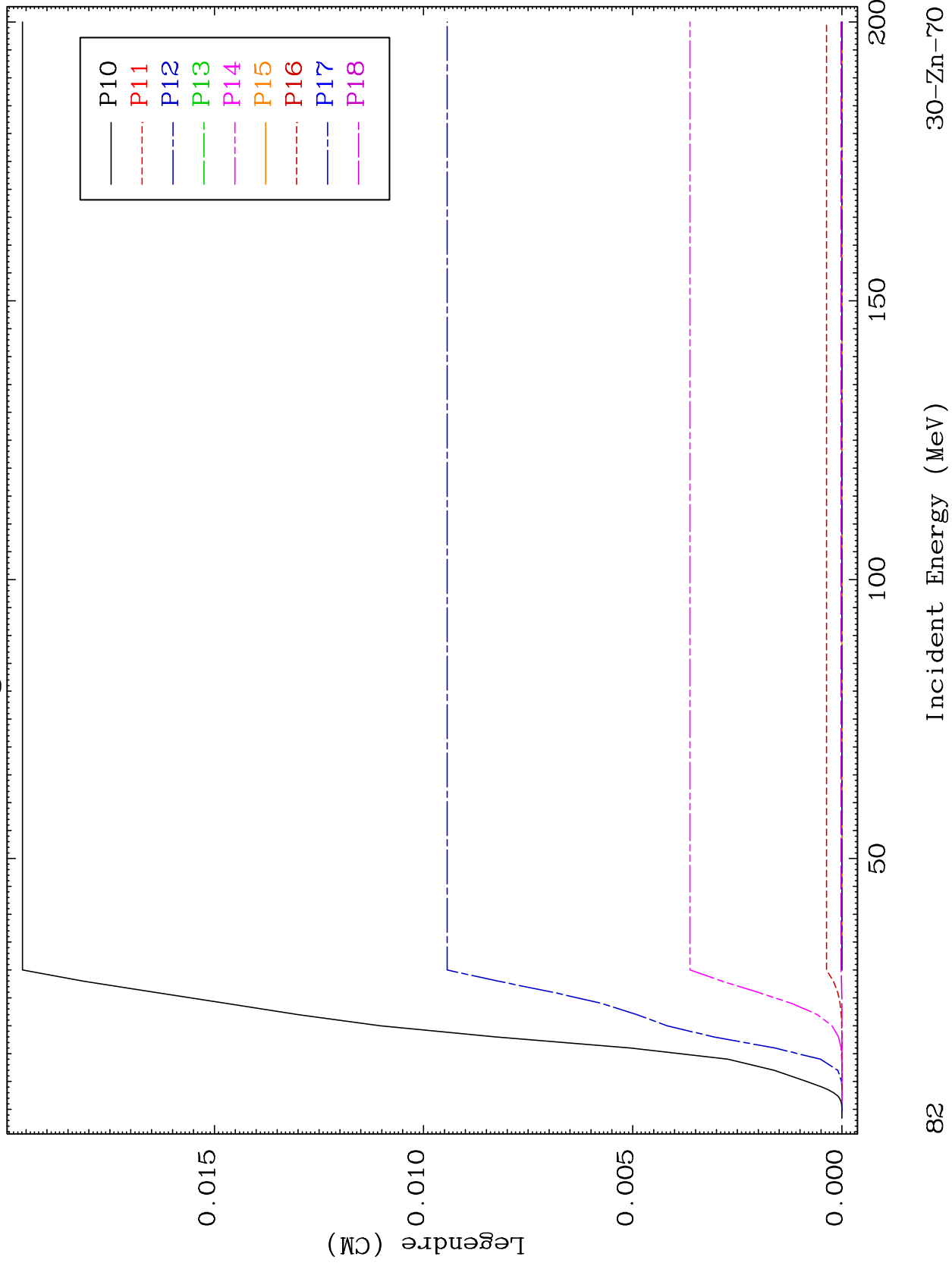




MAT 3043

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

30-Zn-70



82

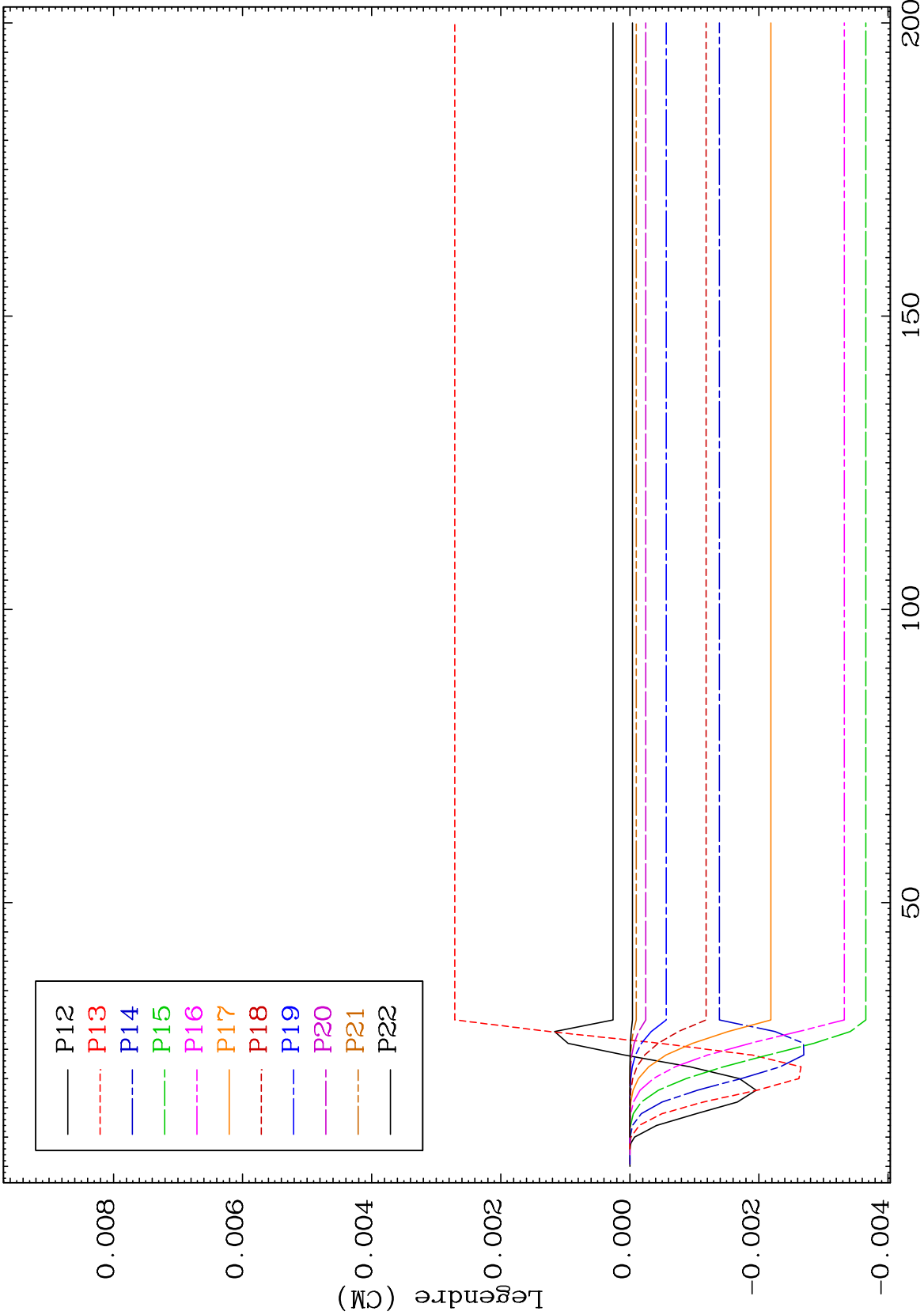
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

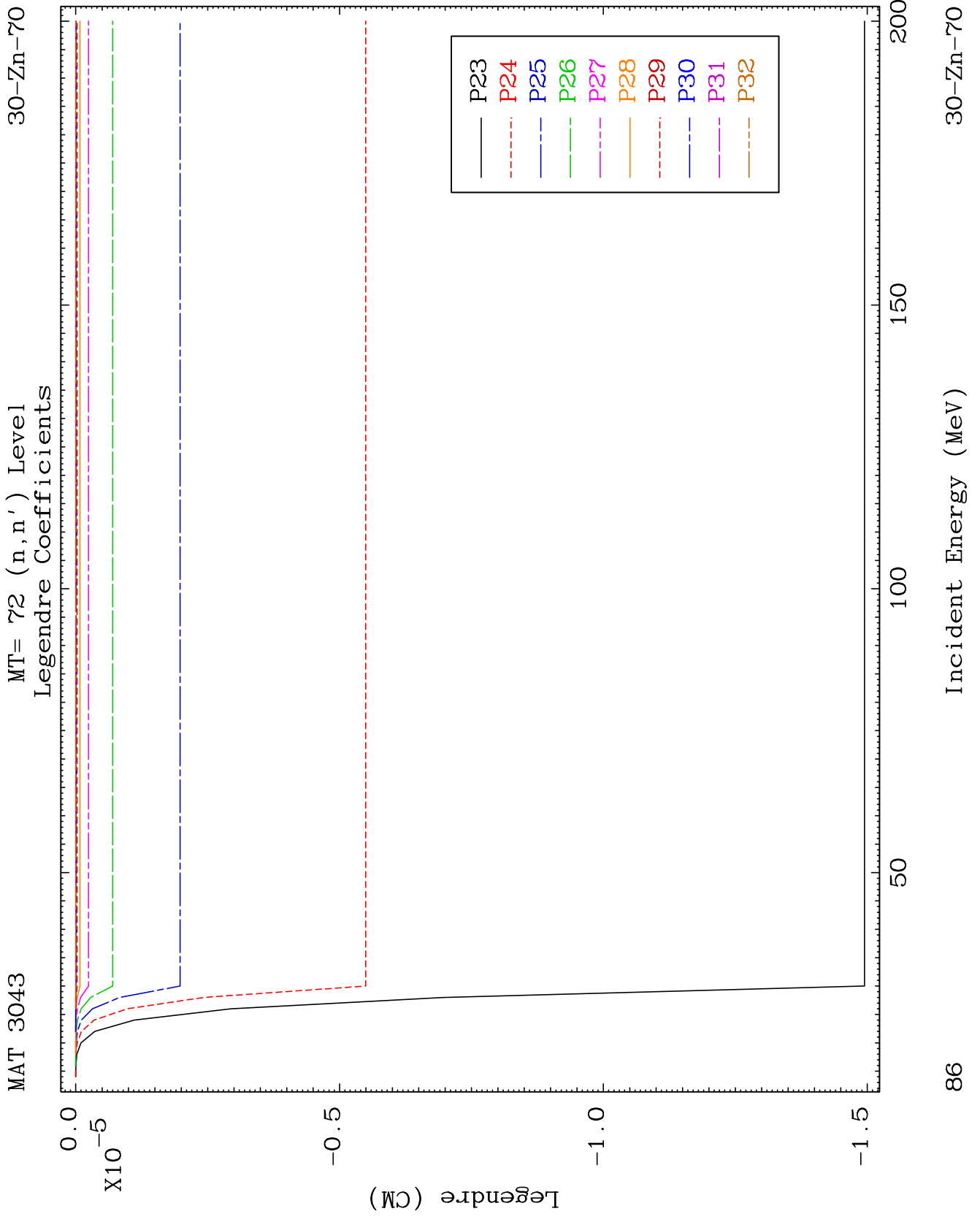
30-Zn-70



85

Incident Energy (MeV)

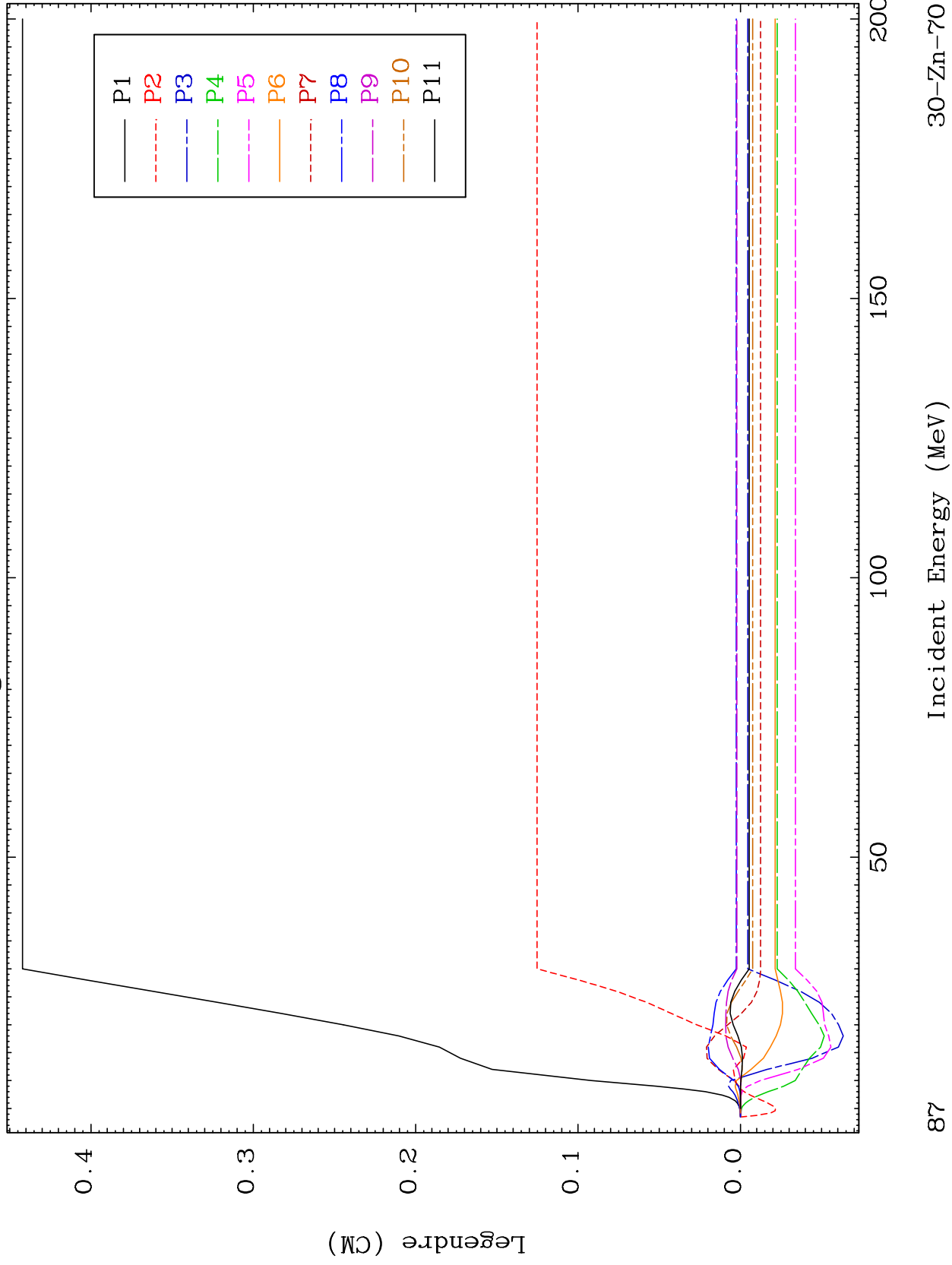
30-Zn-70



MAT 3043

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

30-Zn-70



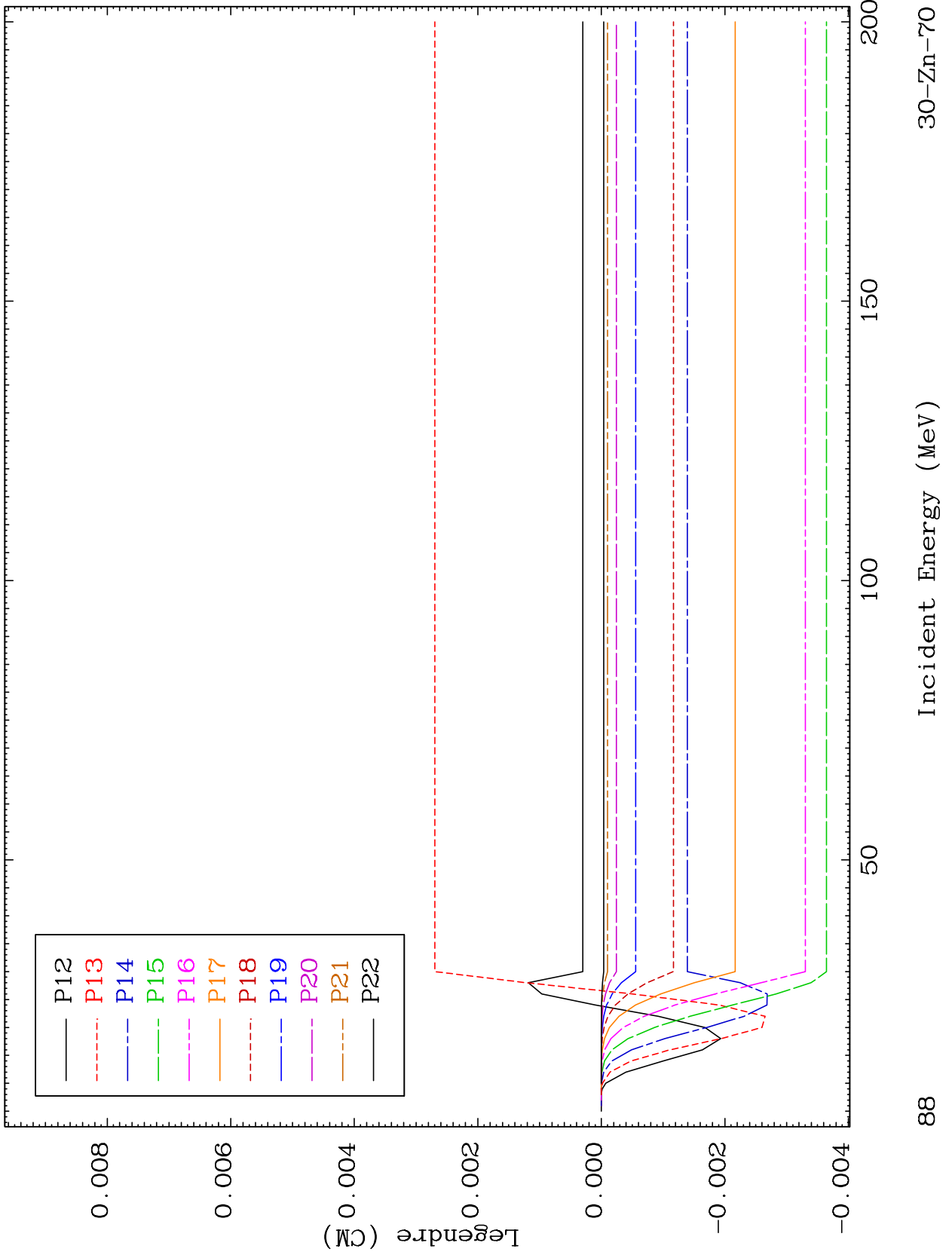
87

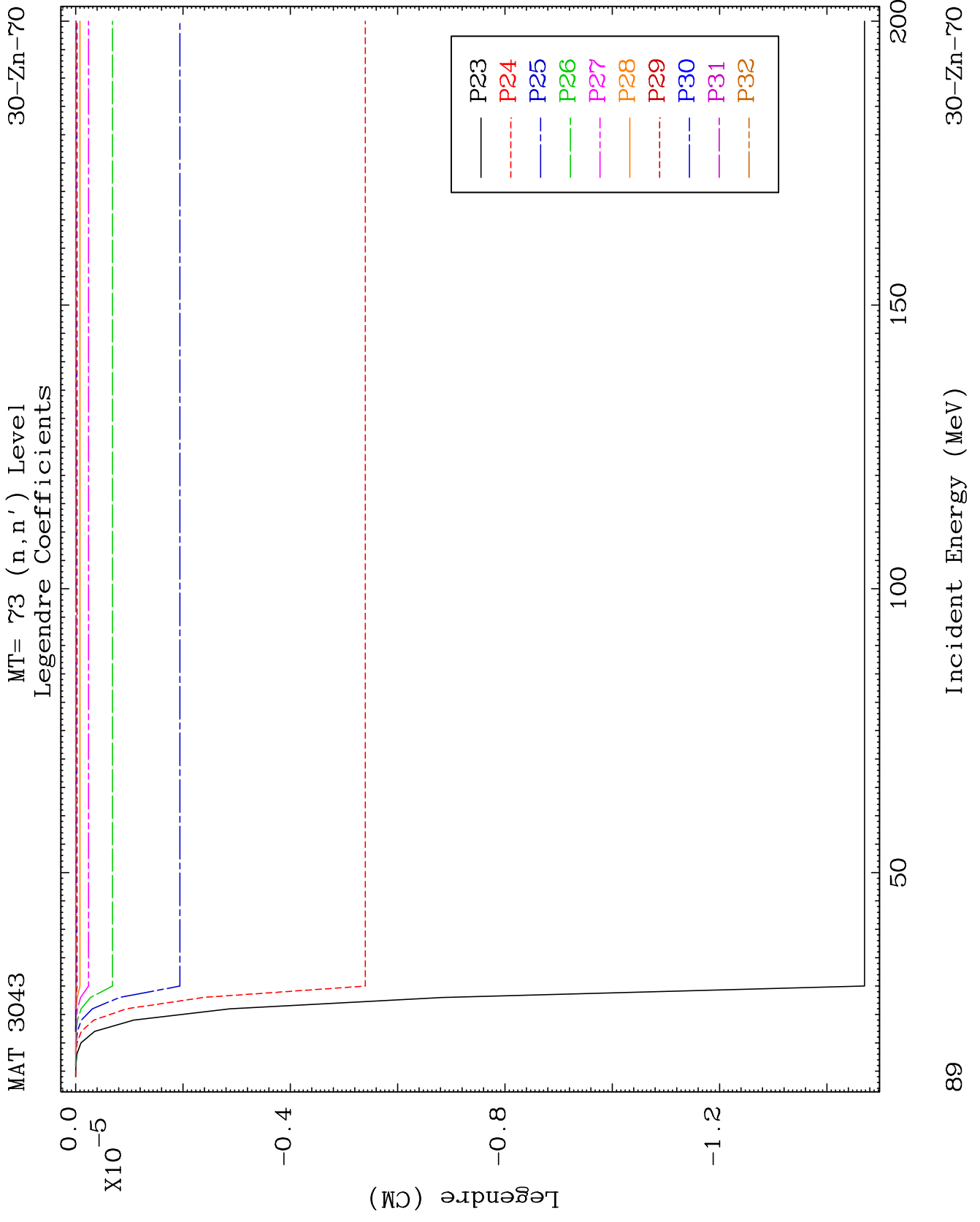
30-Zn-70

MAT 3043

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

30-Zn-70

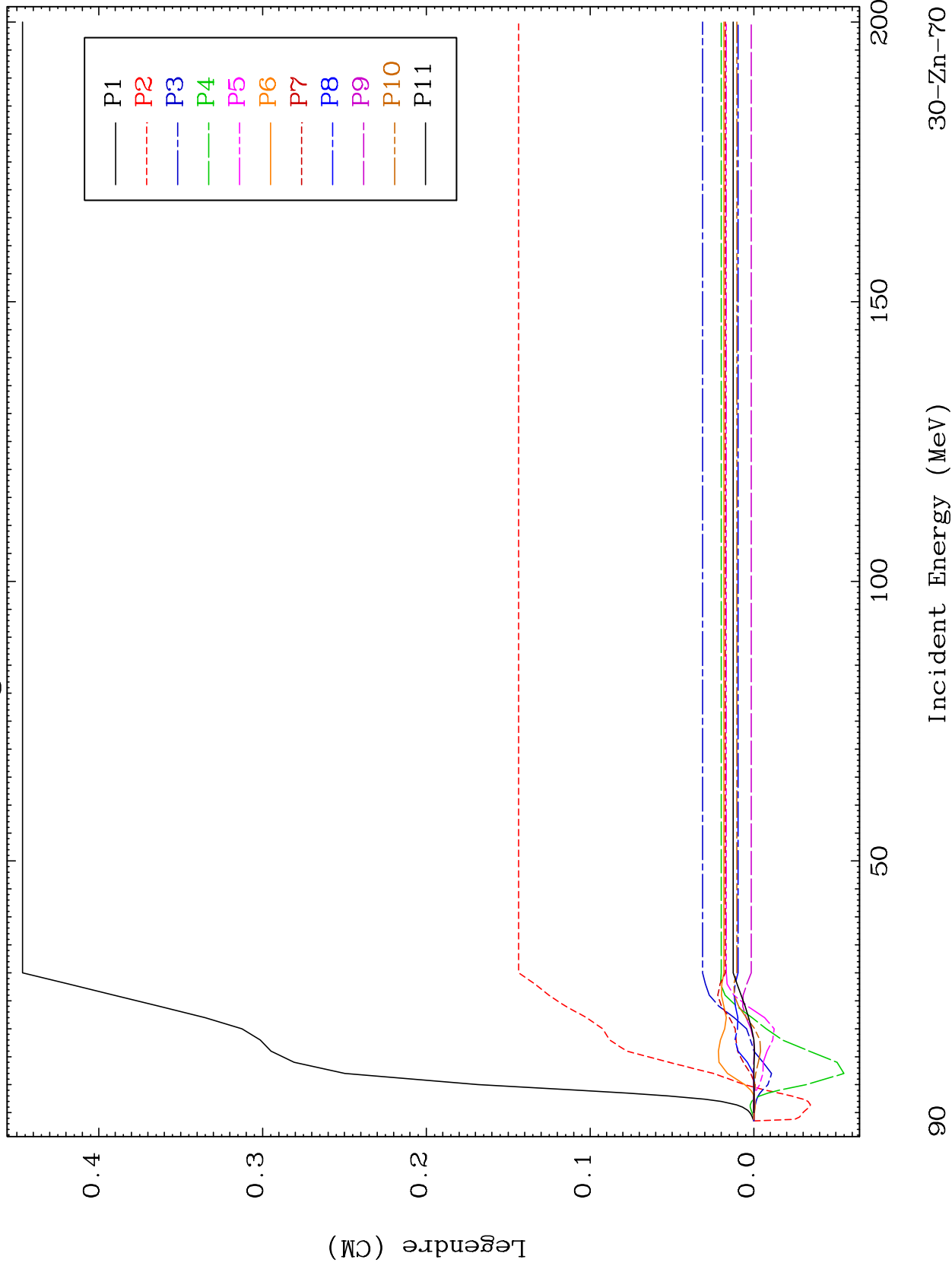




MAT 3043

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

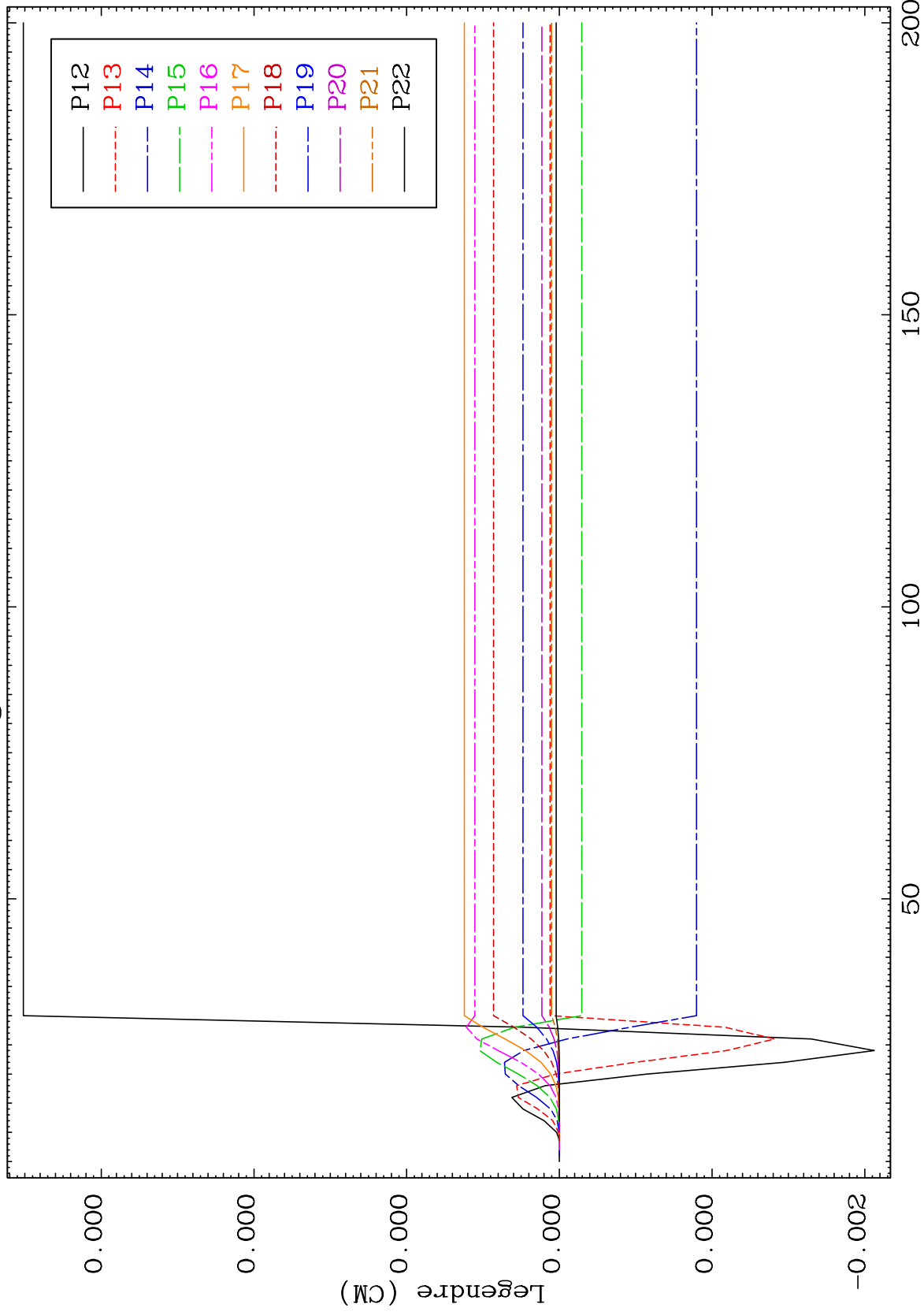
30-Zn-70



MAT 3043

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

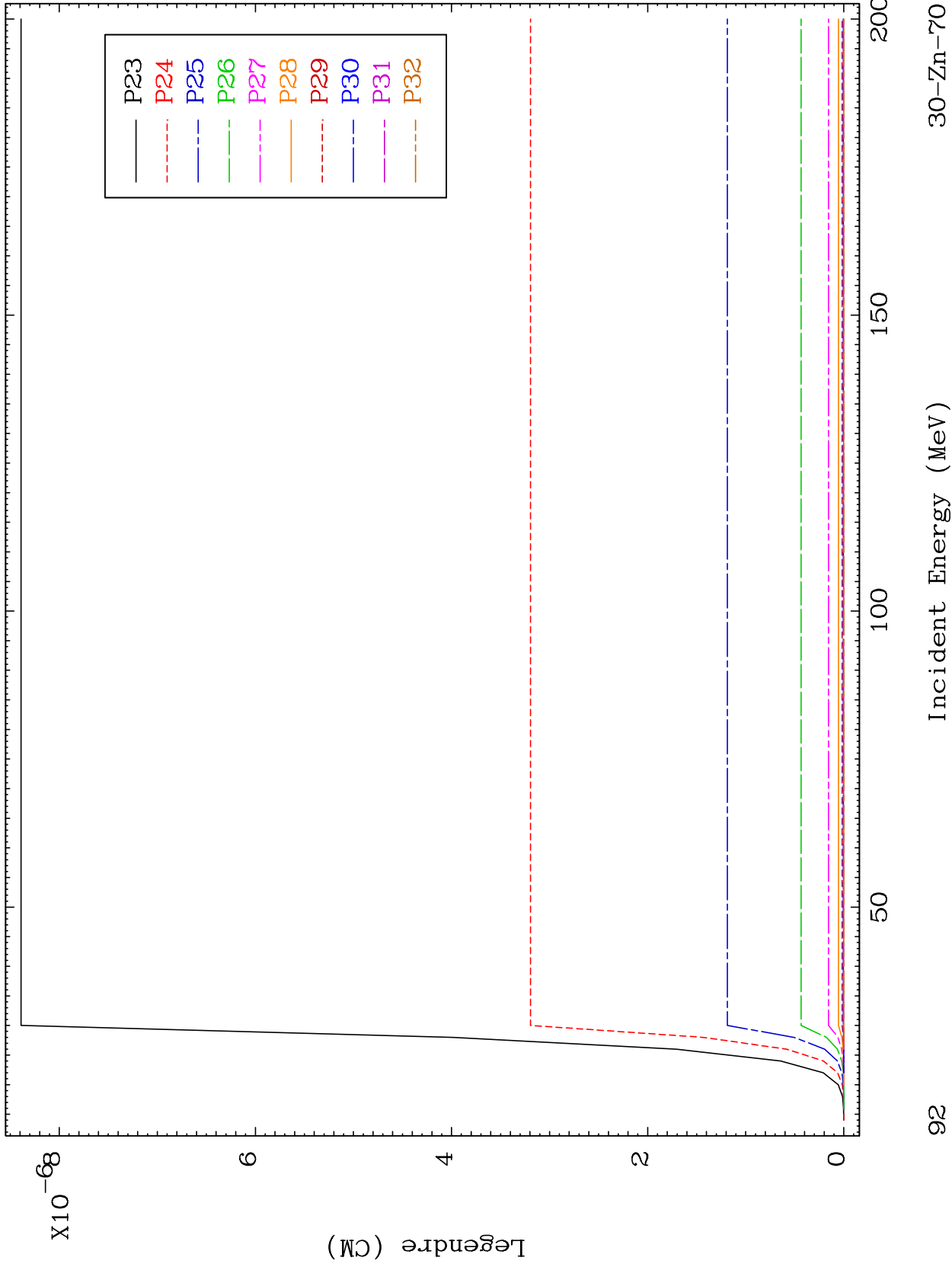
30-Zn-70

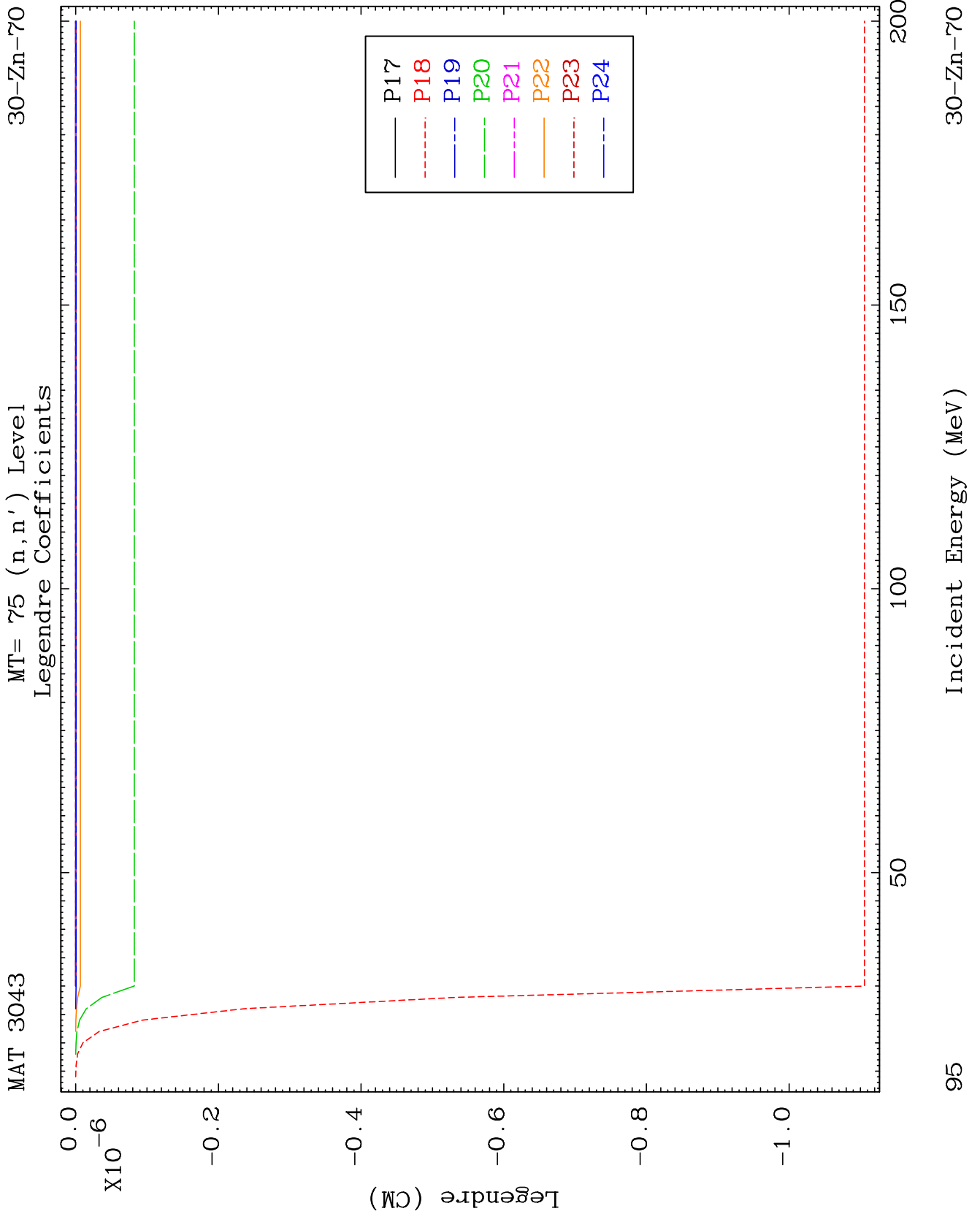


MAT 3043

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

30-Zn-70

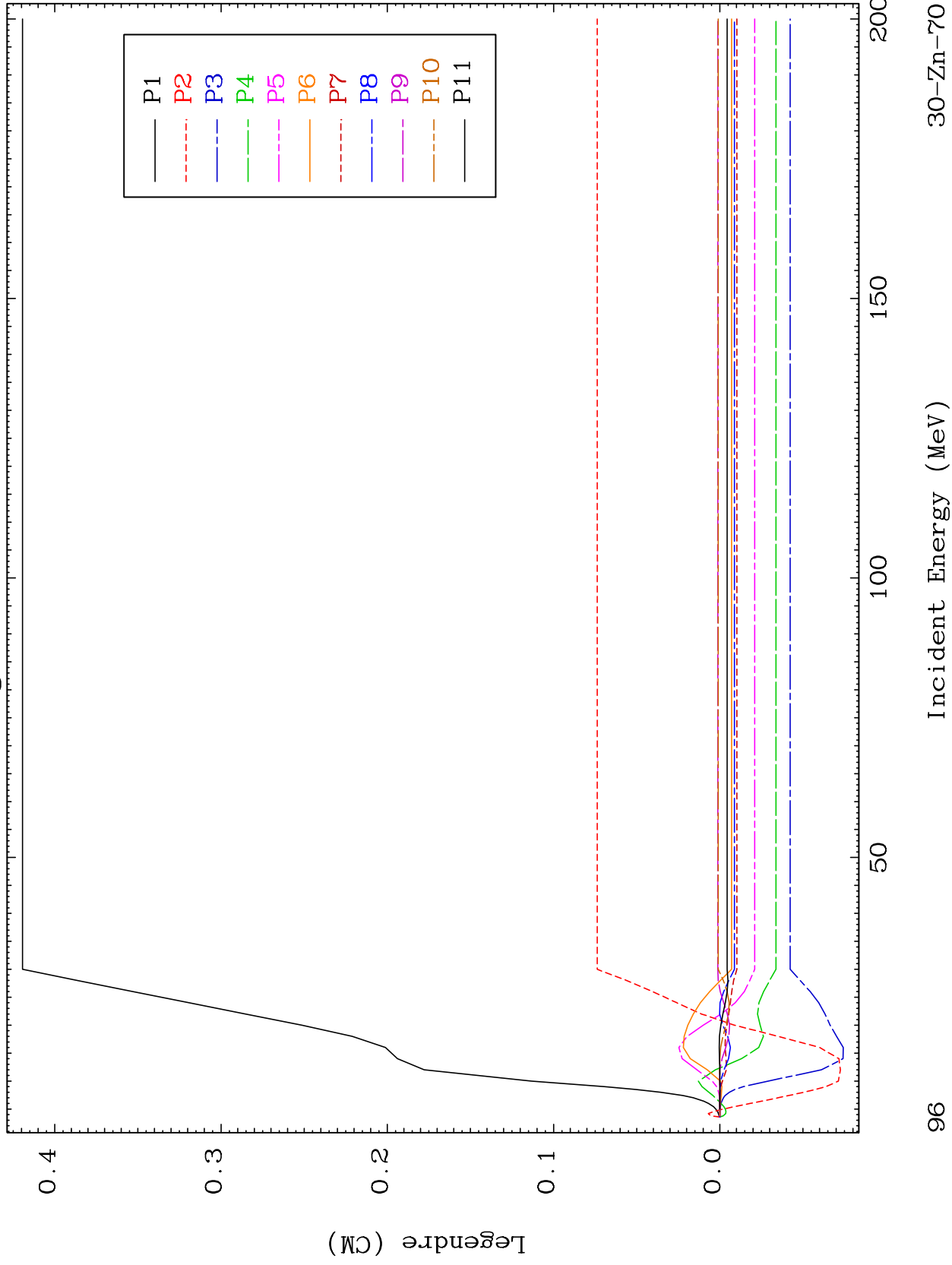




MAT 3043

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

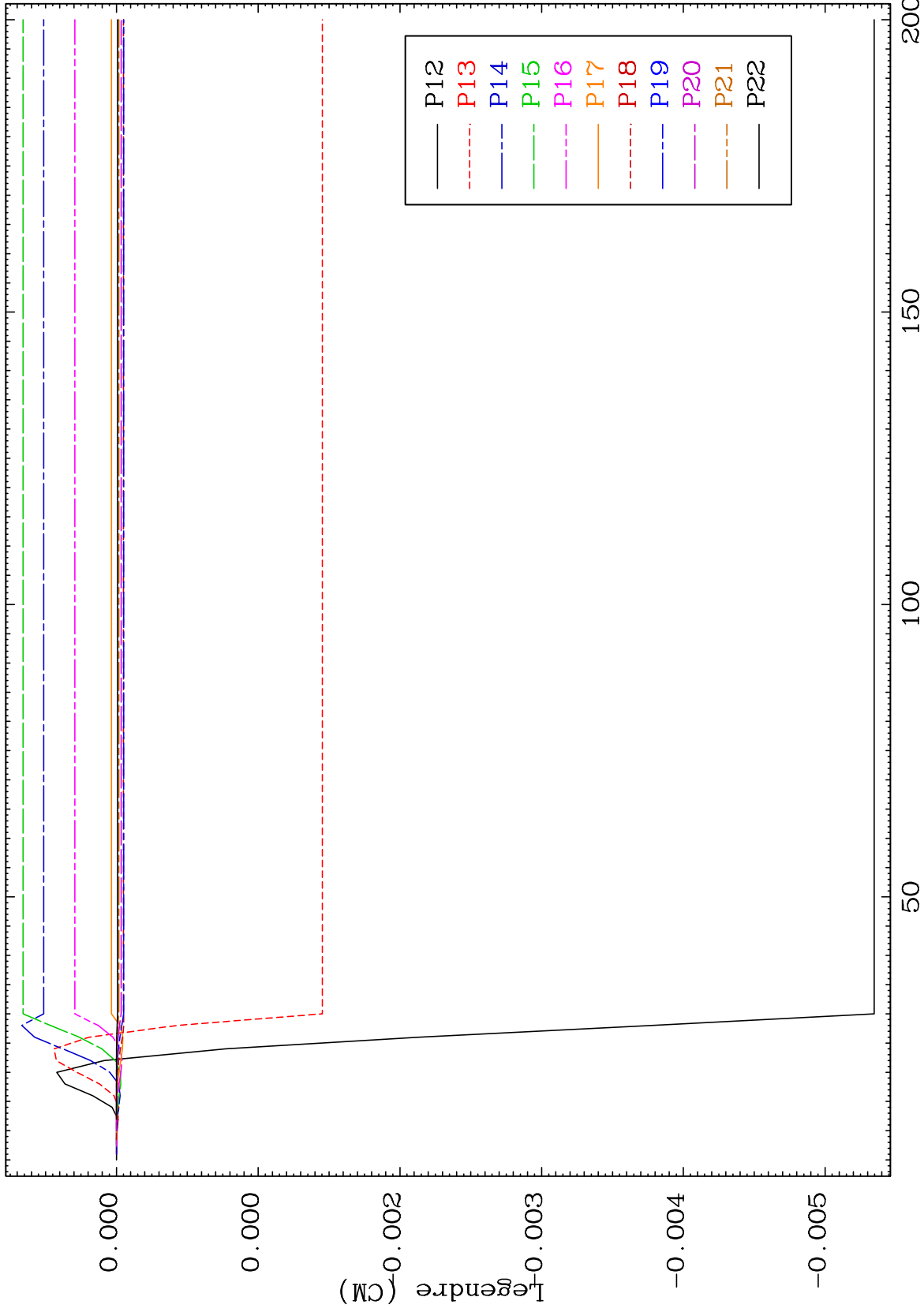
30-Zn-70

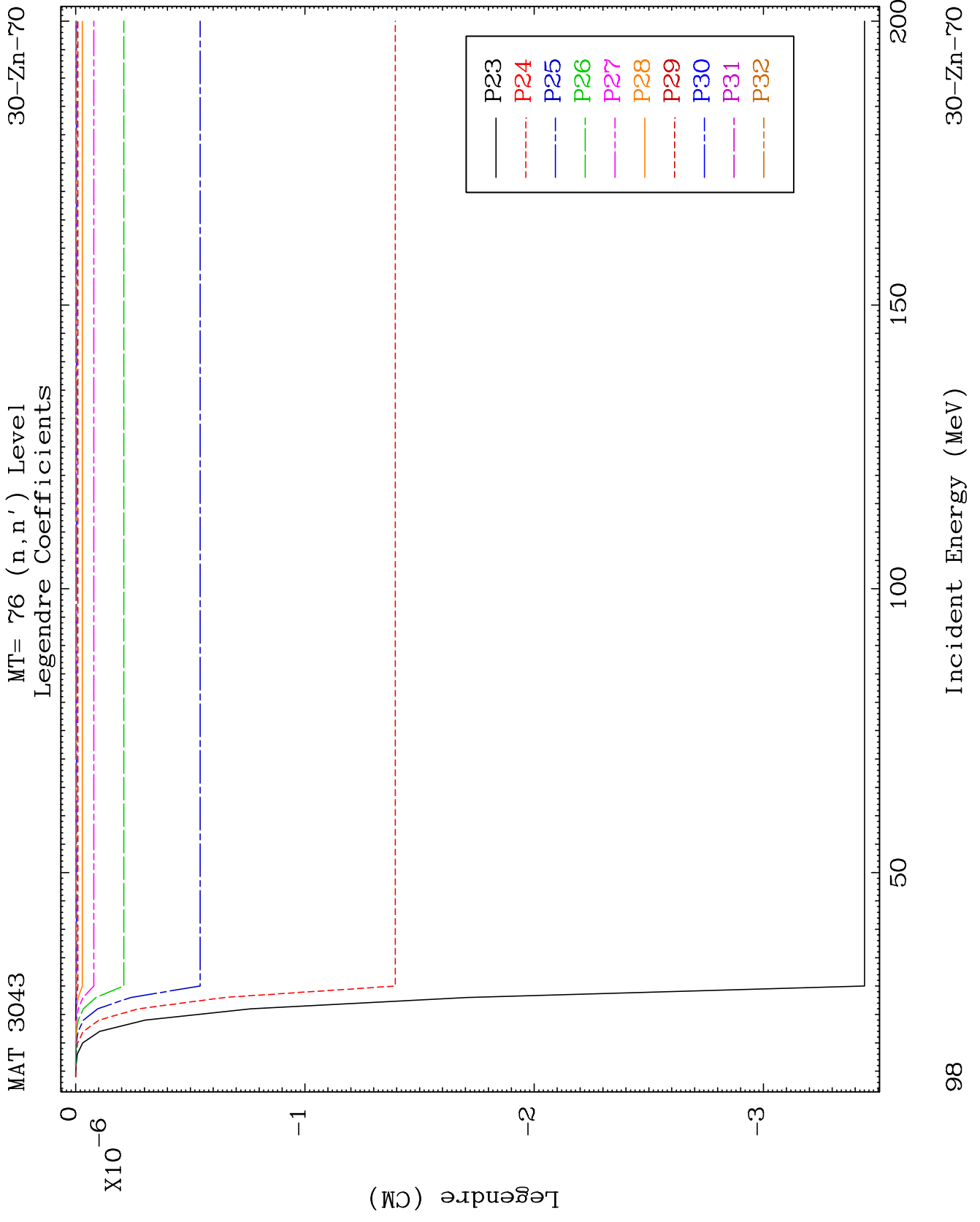


MAT 3043

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

30-Zn-70

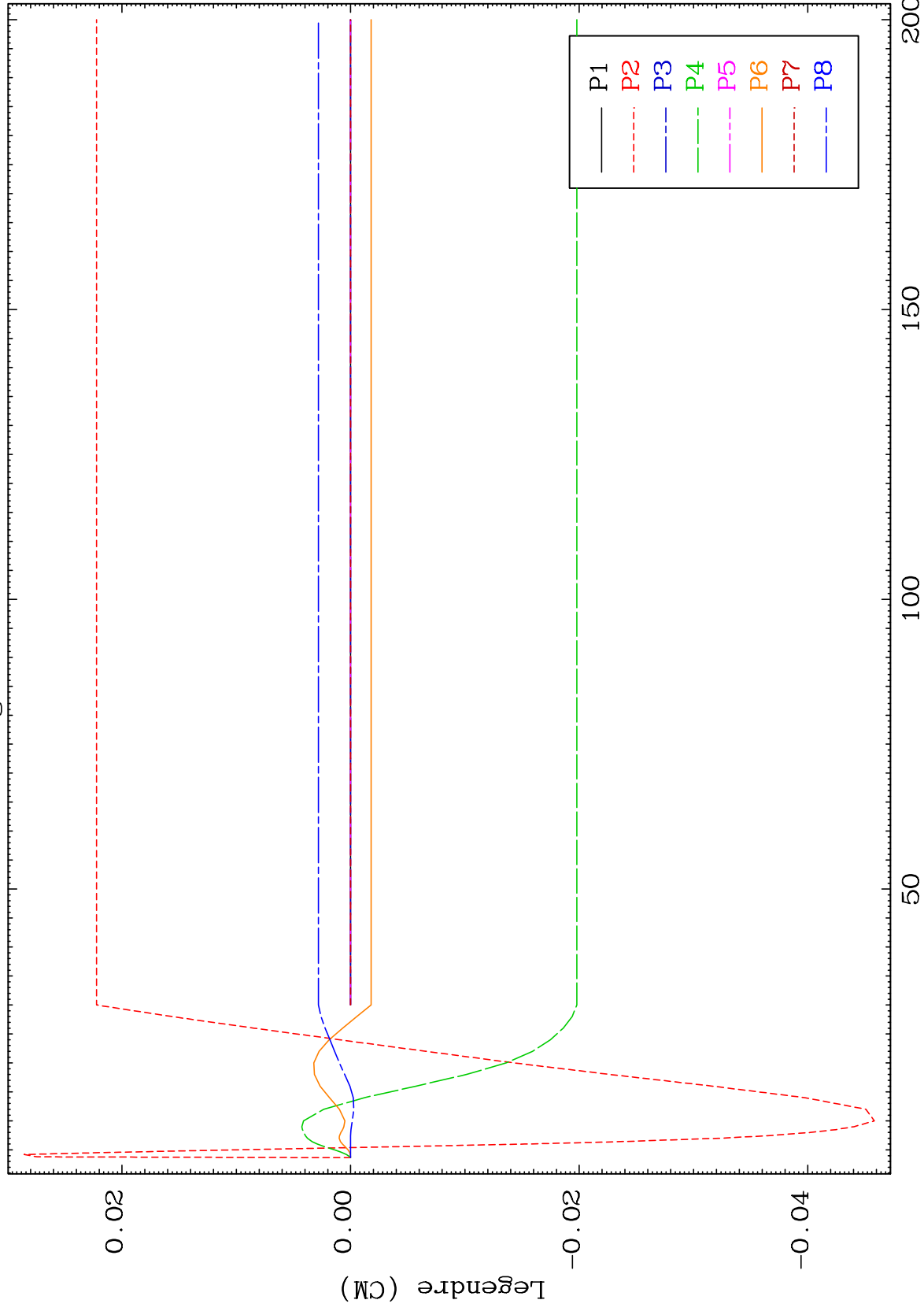




MAT 3043

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

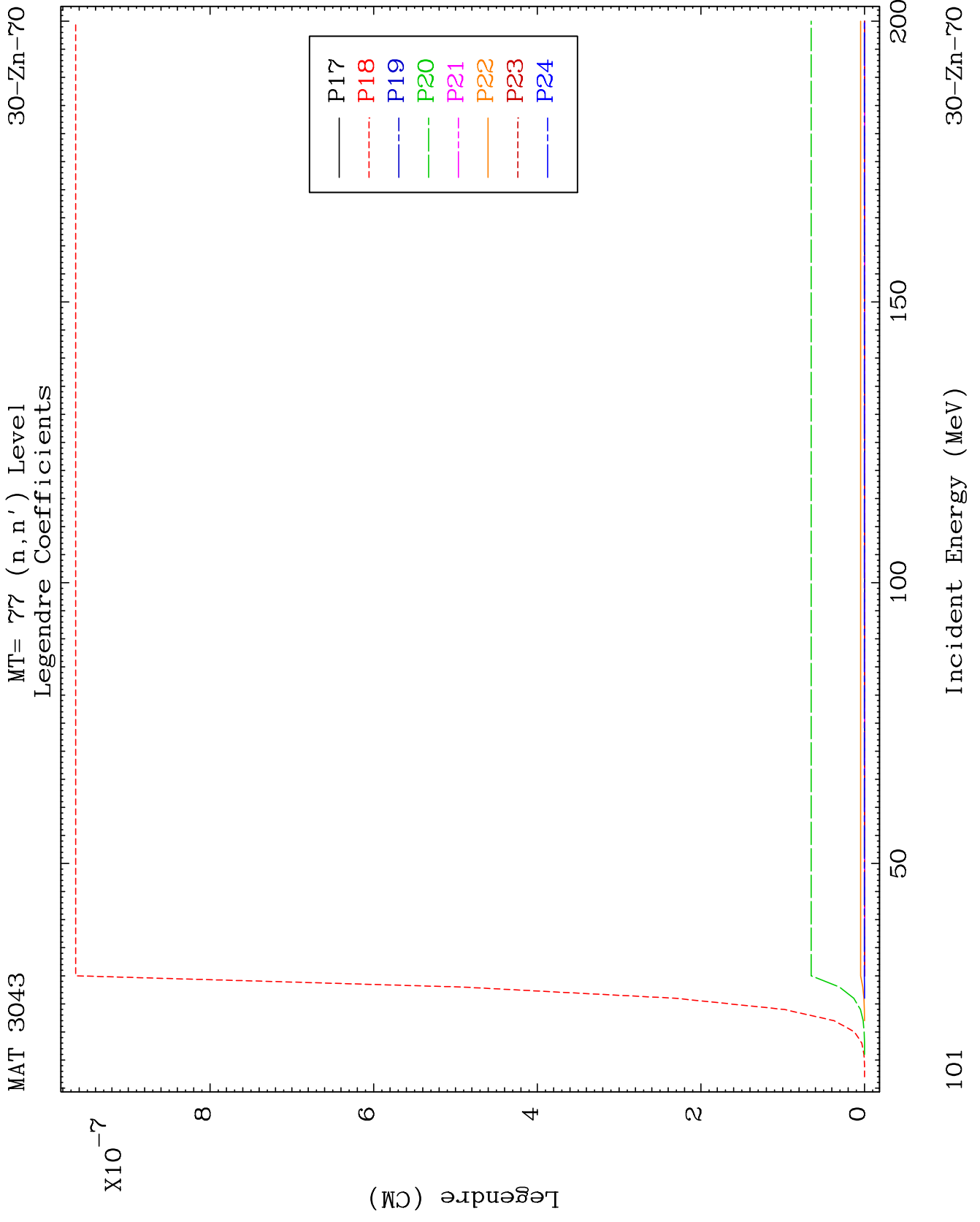
30-Zn-70



99

Incident Energy (MeV)

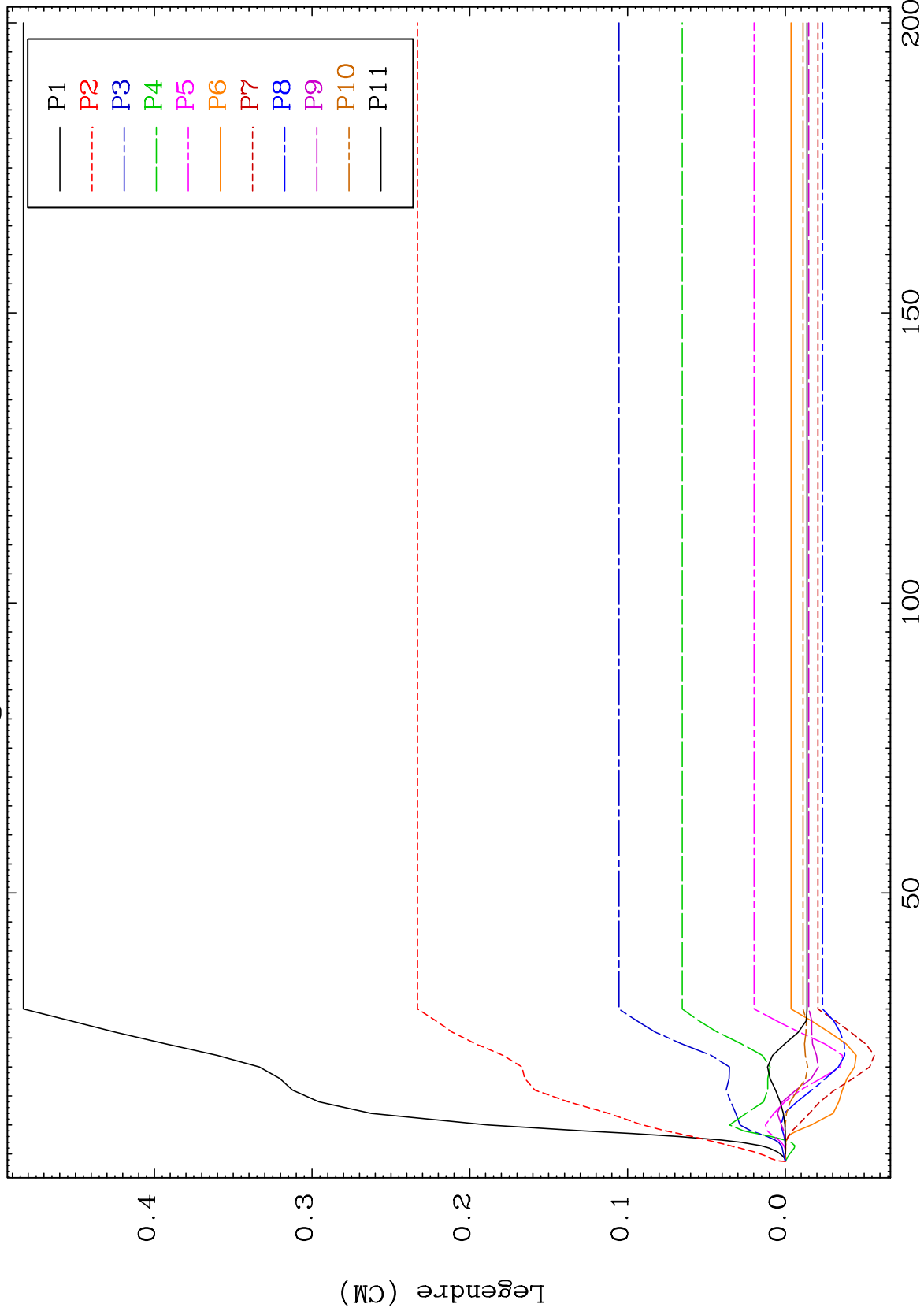
30-Zn-70



MAT 3043

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

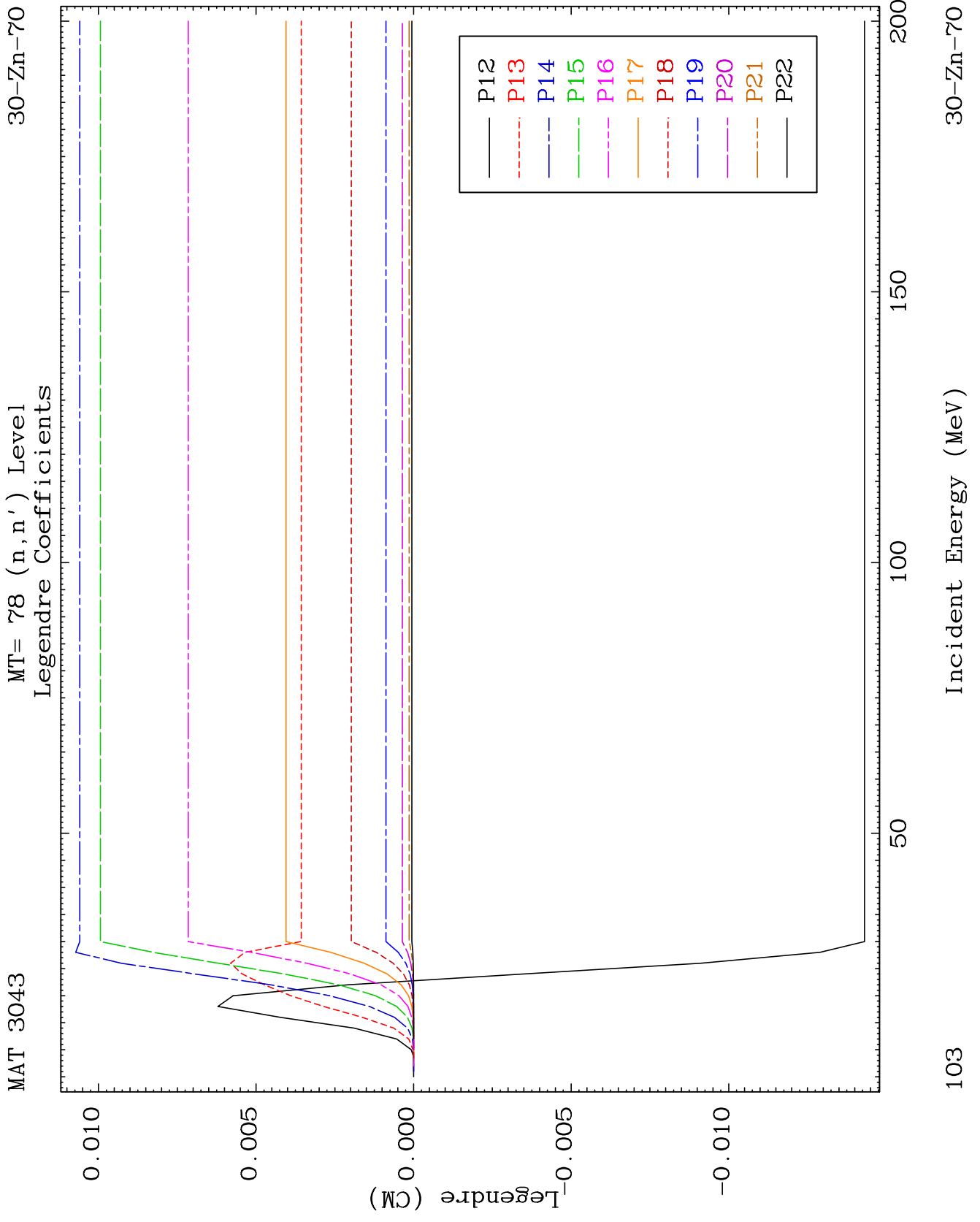
30-Zn-70

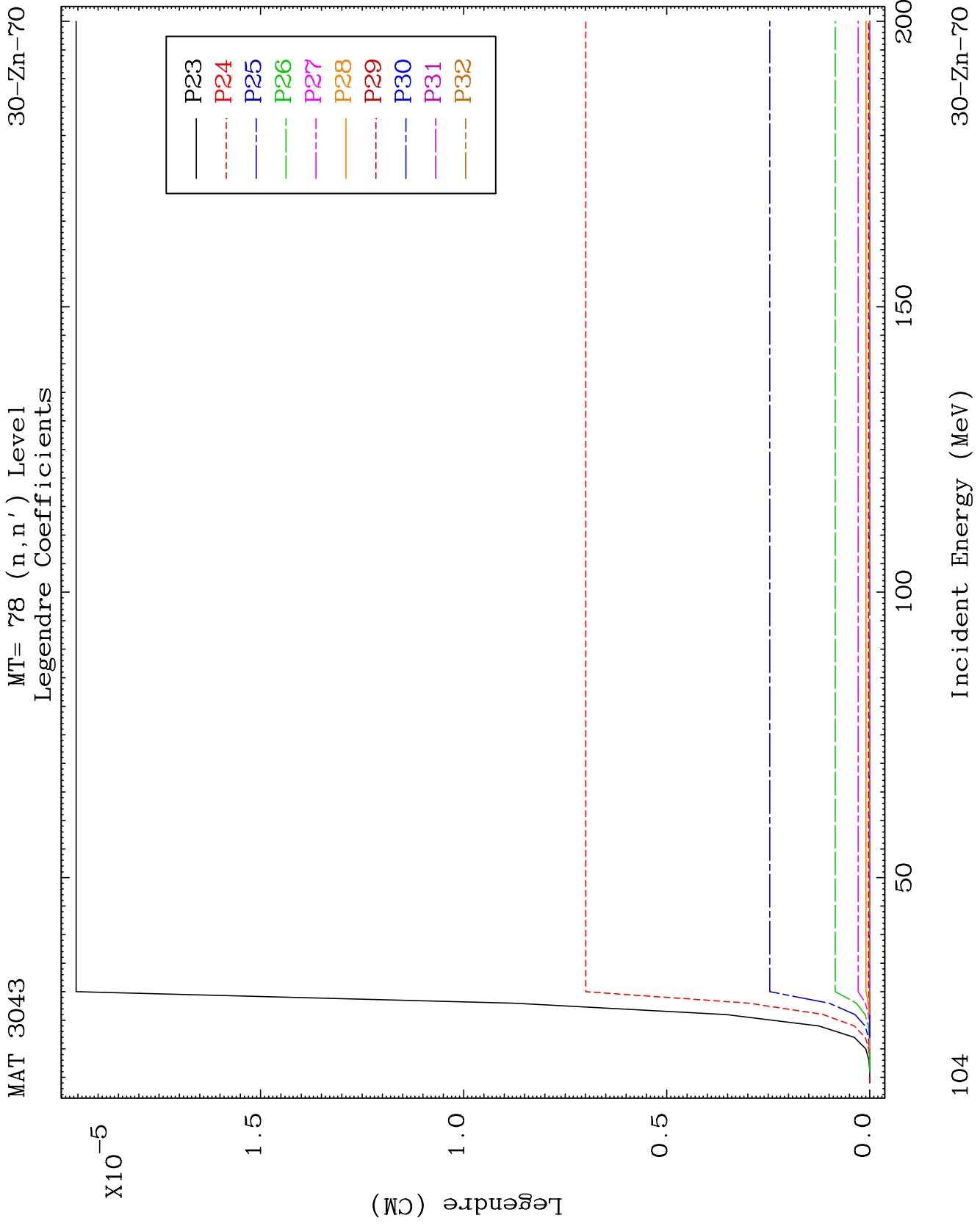


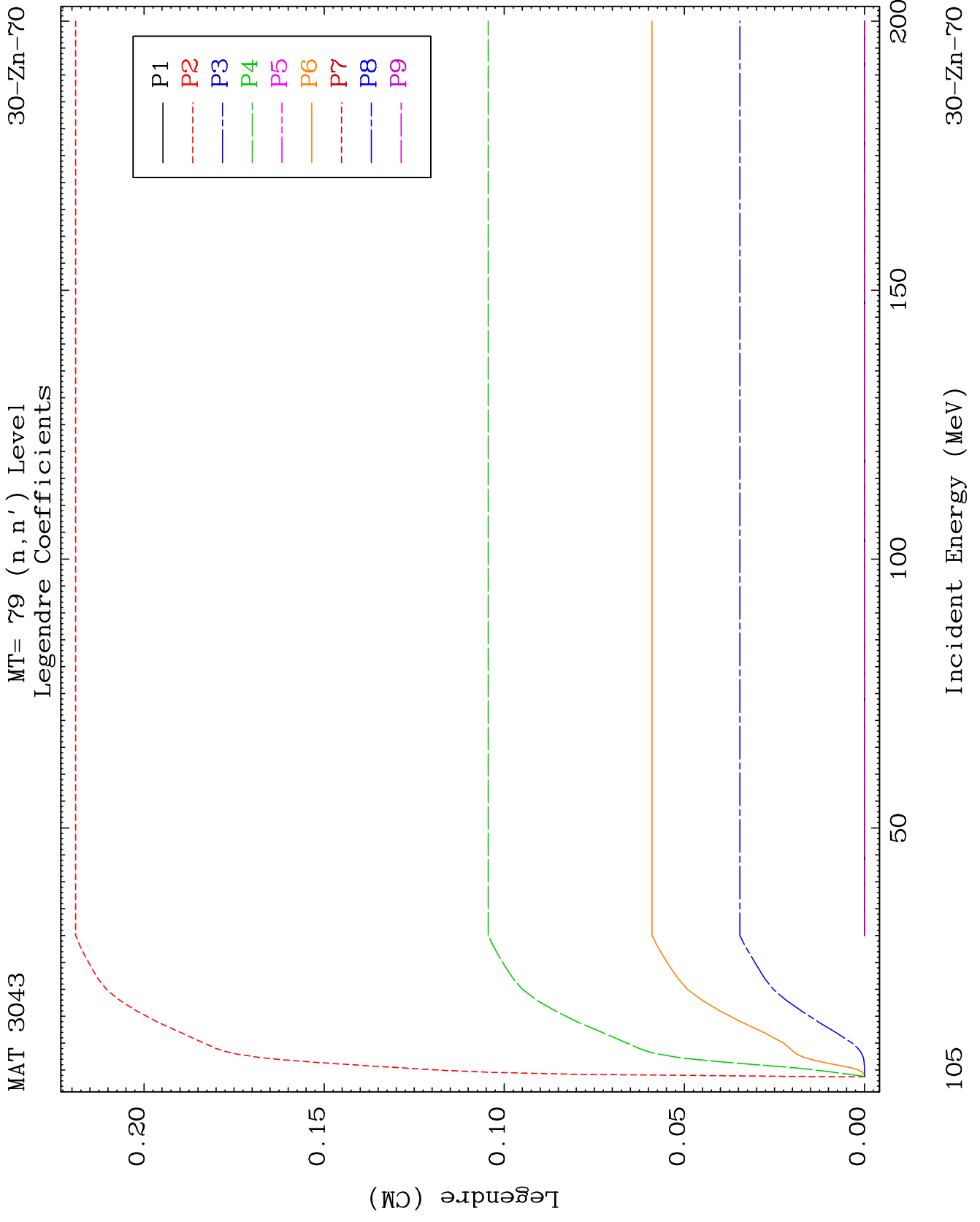
102

Incident Energy (MeV)

30-Zn-70



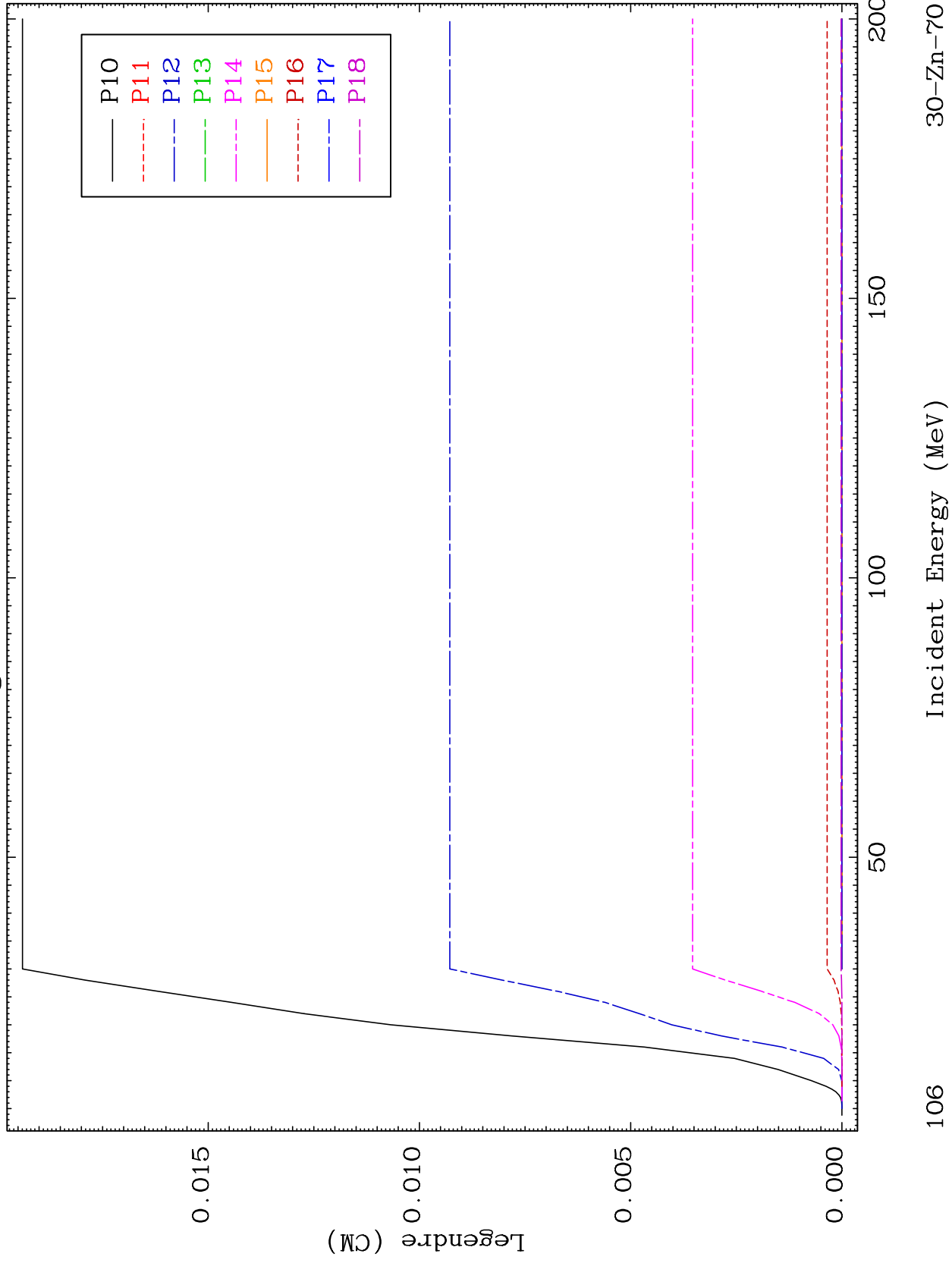




MAT 3043

MT= 79 (n,n') Level
Legendre Coefficients

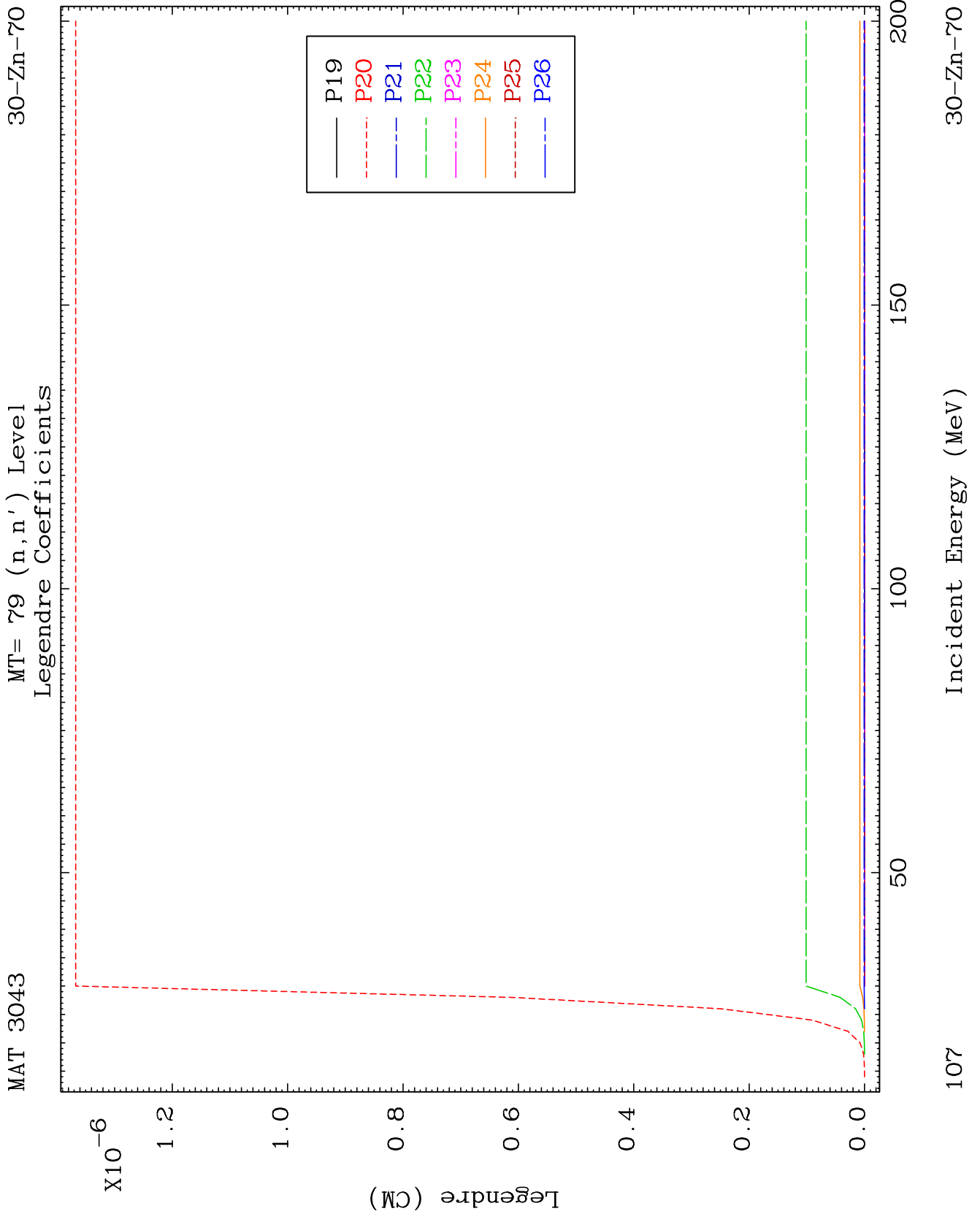
30-Zn-70

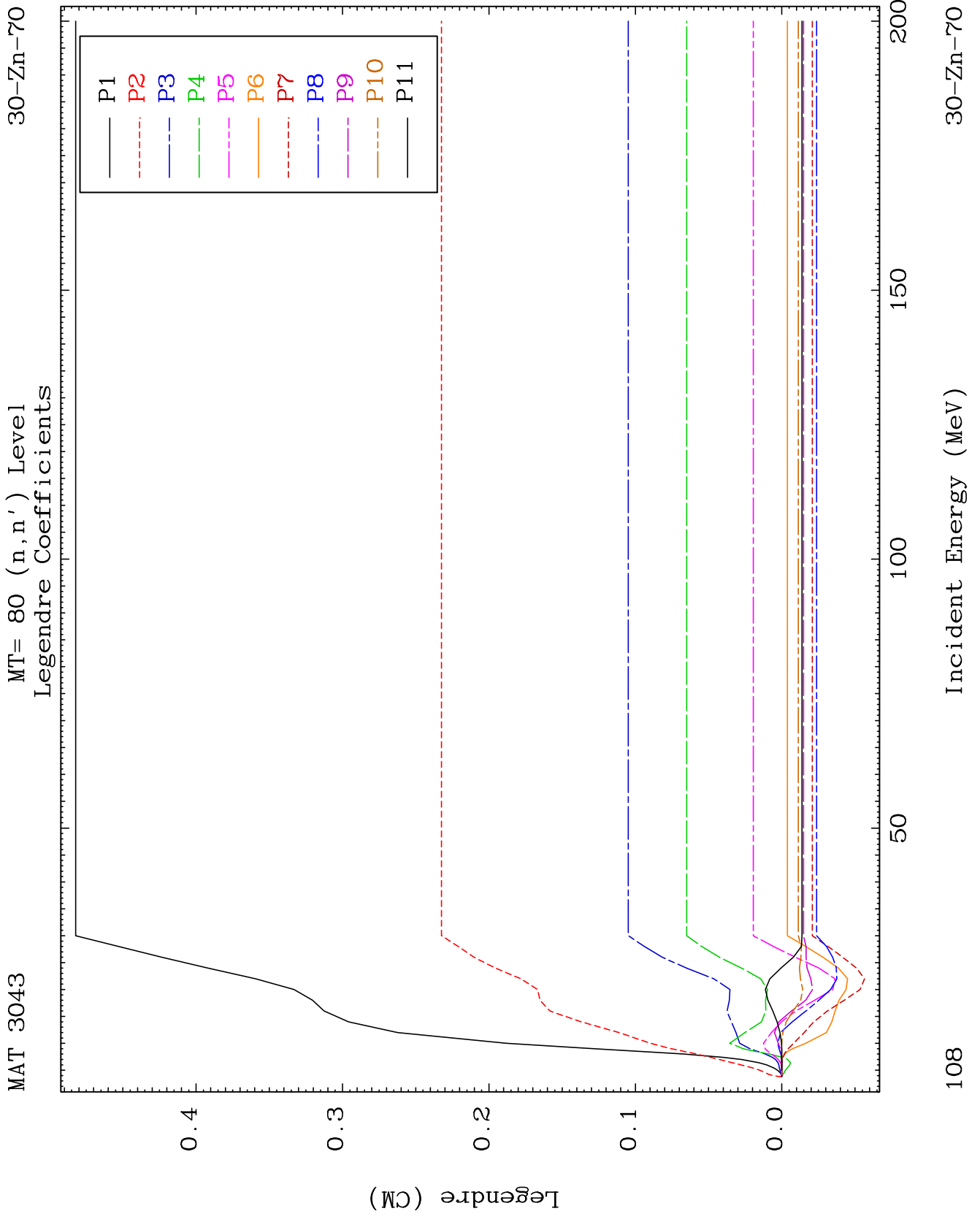


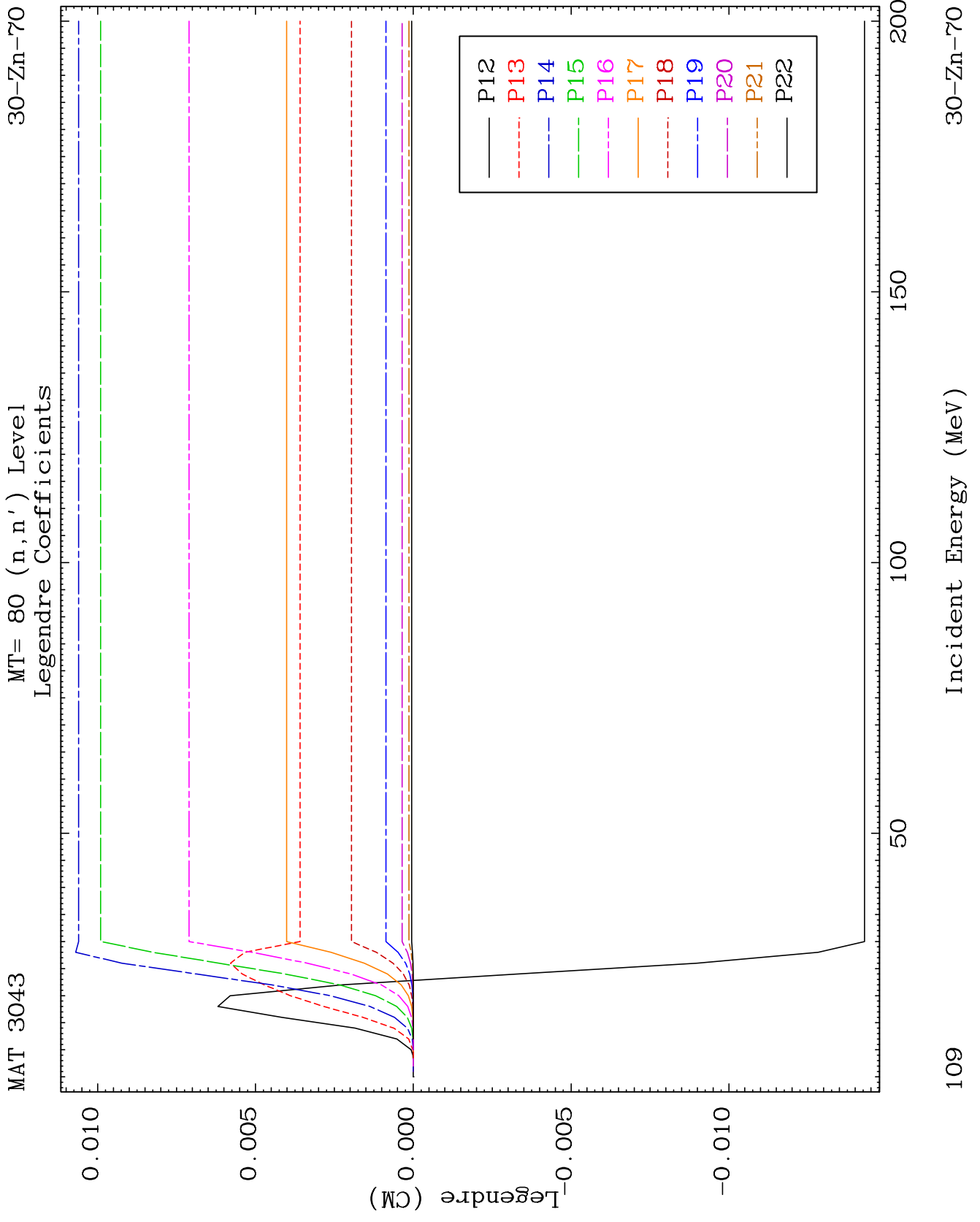
106

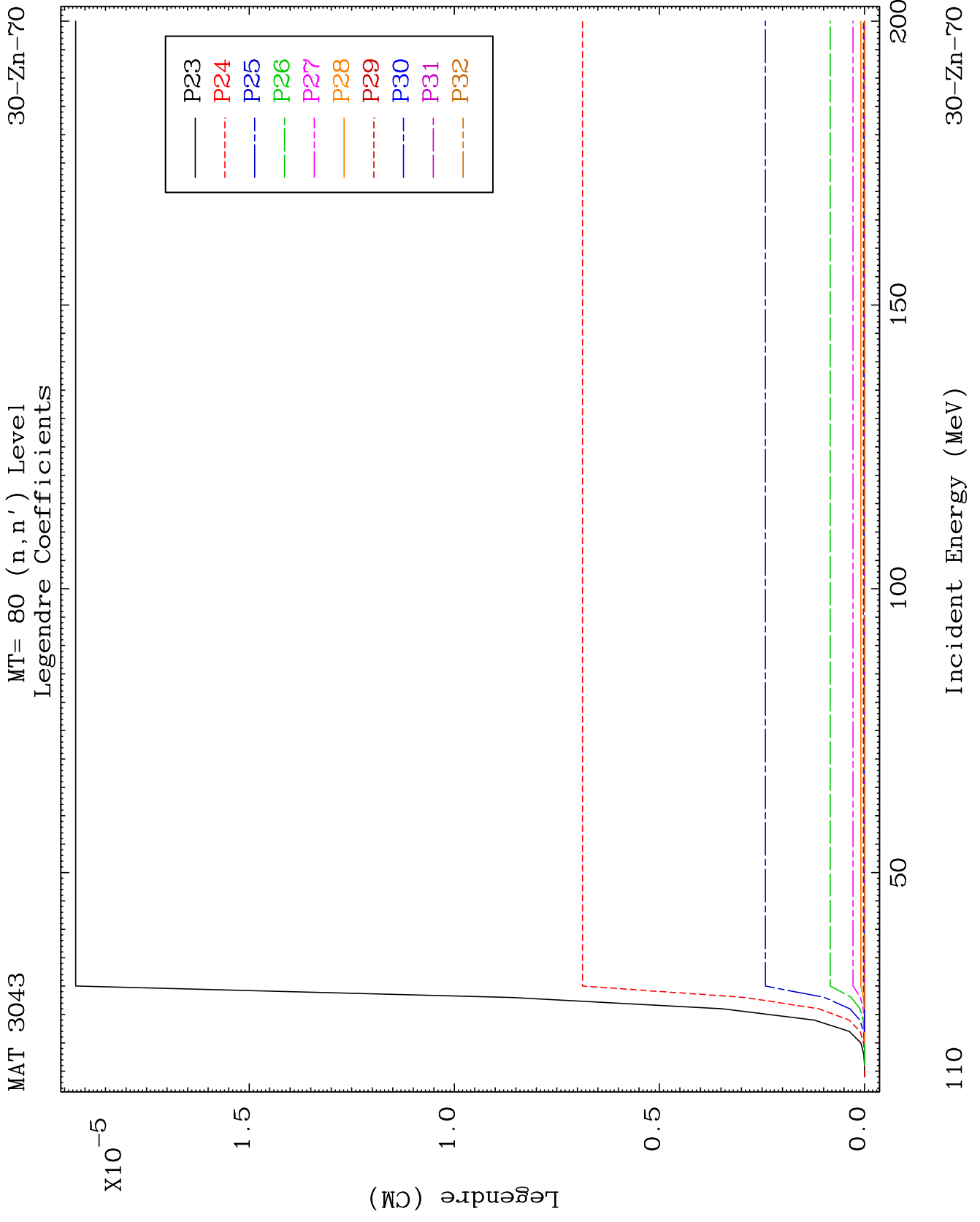
Incident Energy (MeV)

30-Zn-70





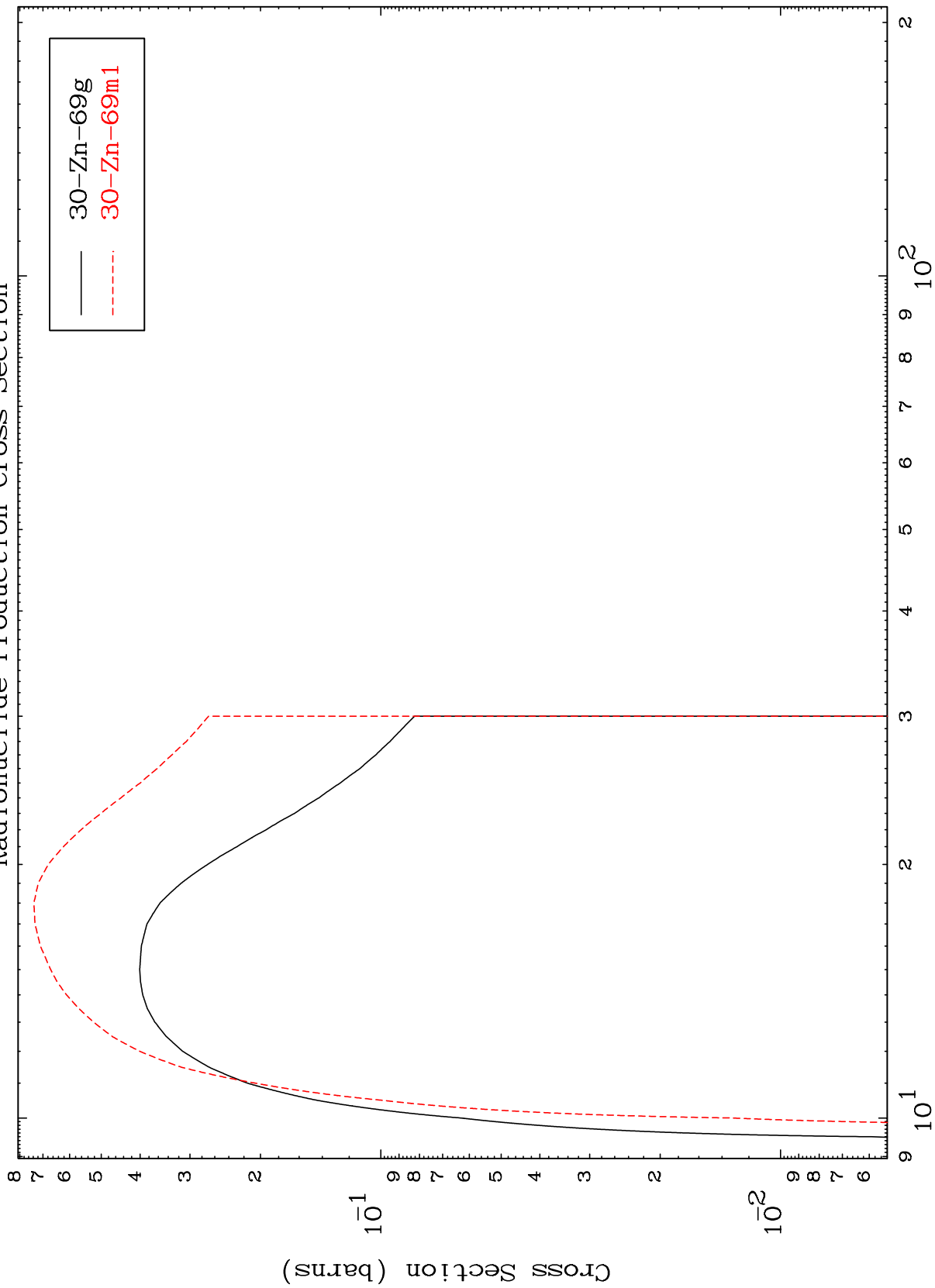




MAT 3043

30-Zn-70

(n,2n)
Radionuclide Production Cross Section



30-Zn-69g
30-Zn-69m1

111

Incident Energy (MeV)

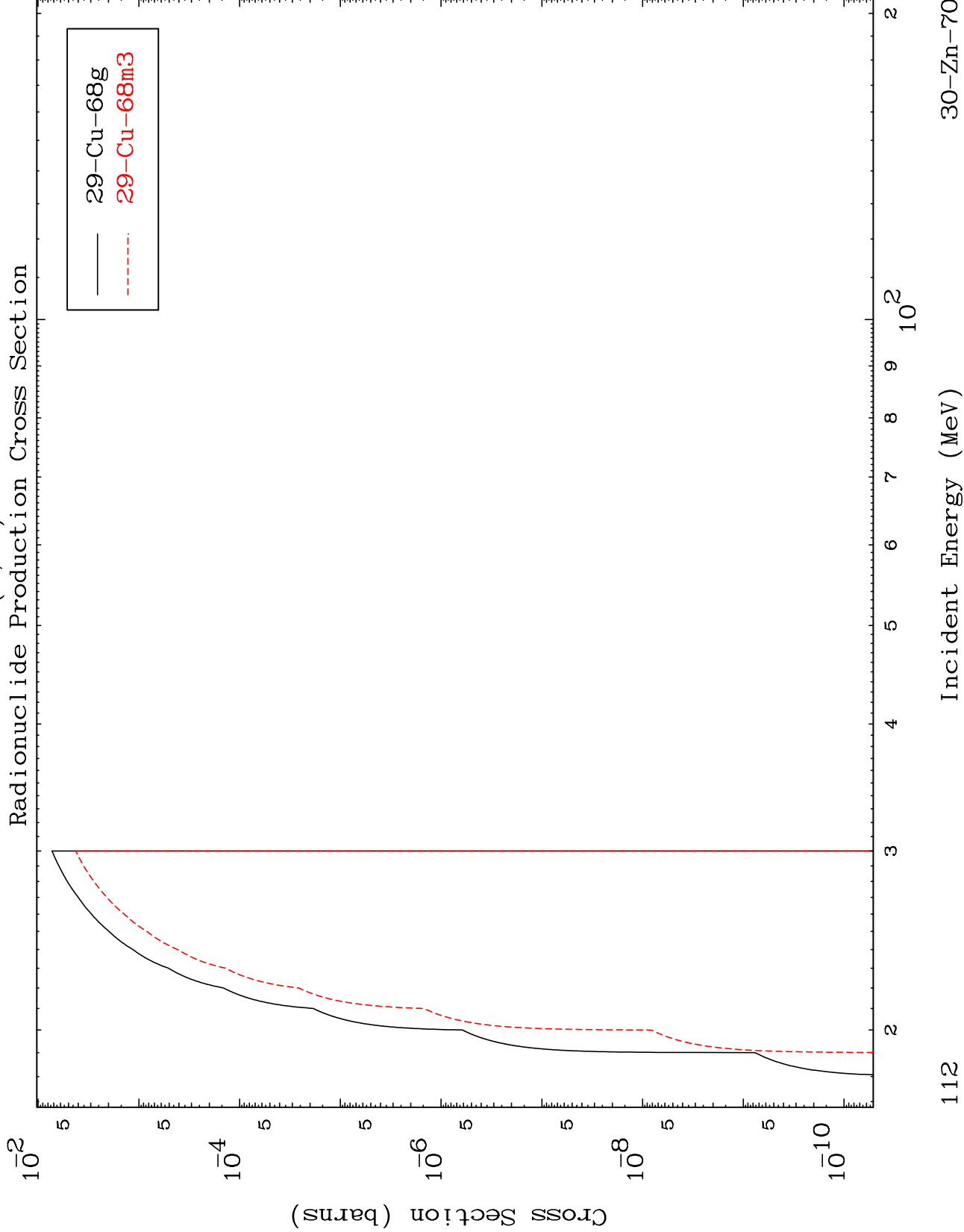
30-Zn-70

MAT 3043

(n,n') d

30-Zn-70

Radionuclide Production Cross Section



112

Incident Energy (MeV)

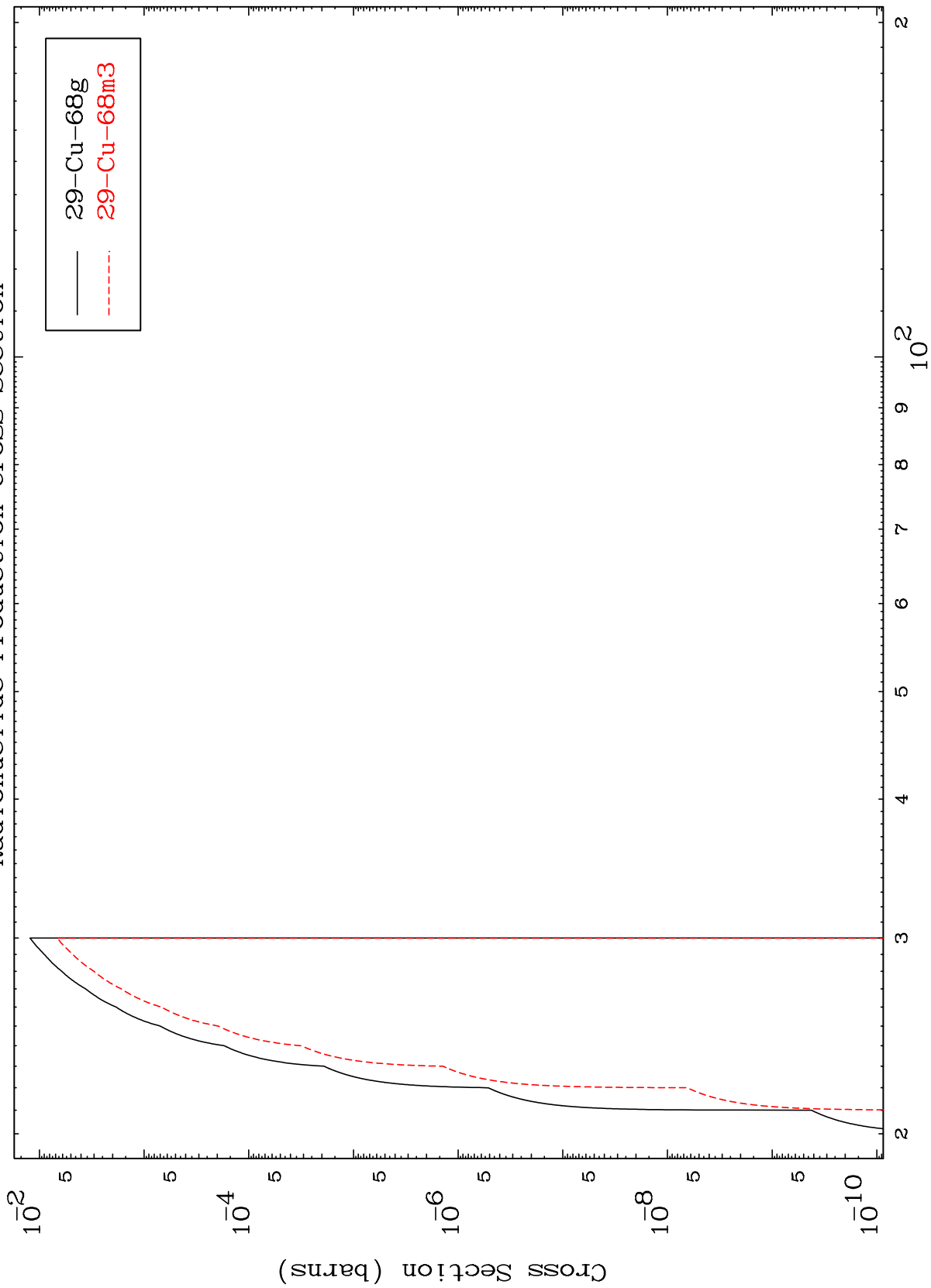
30-Zn-70

MAT 3043

(n,2n) p

30-Zn-70

Radionuclide Production Cross Section



113

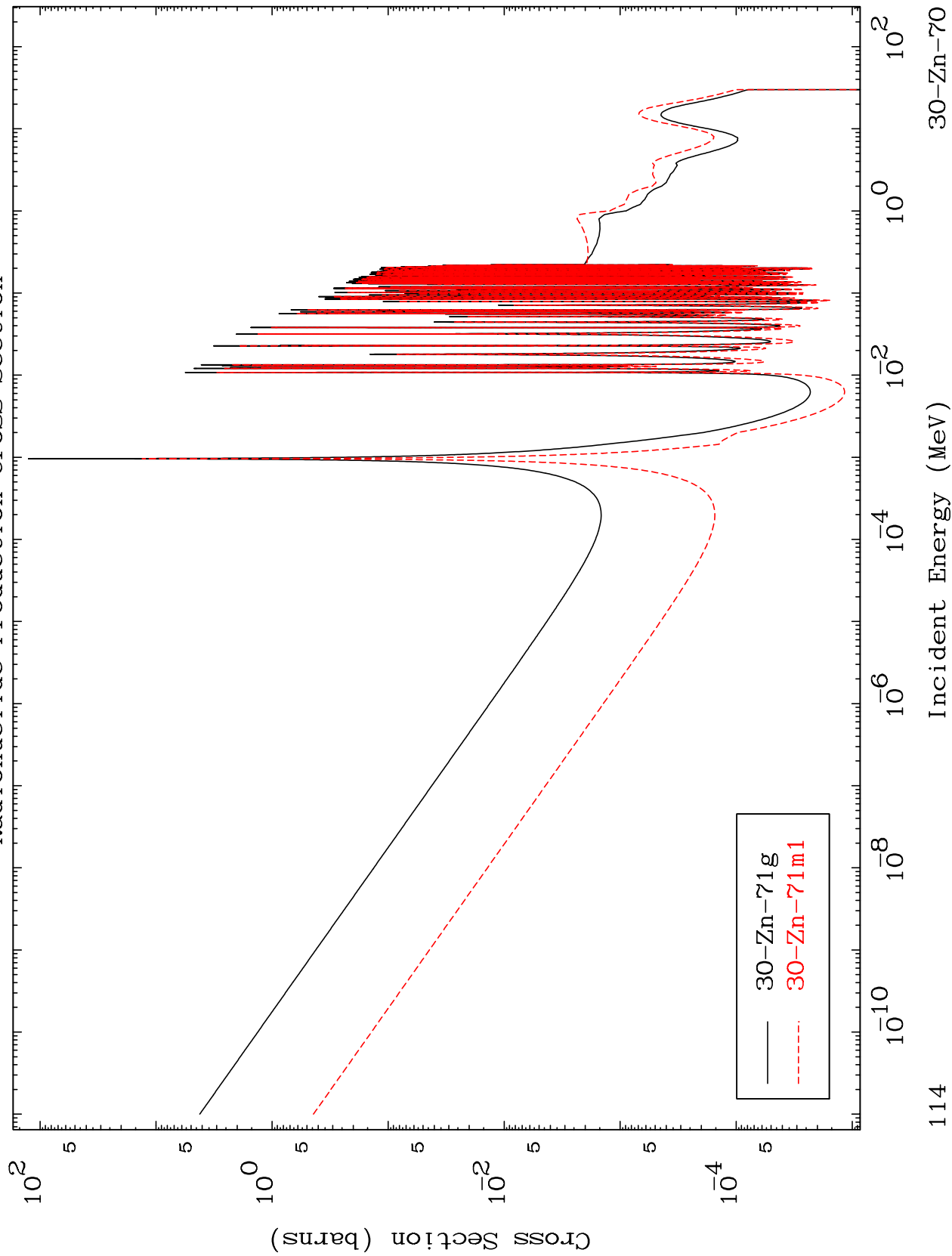
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

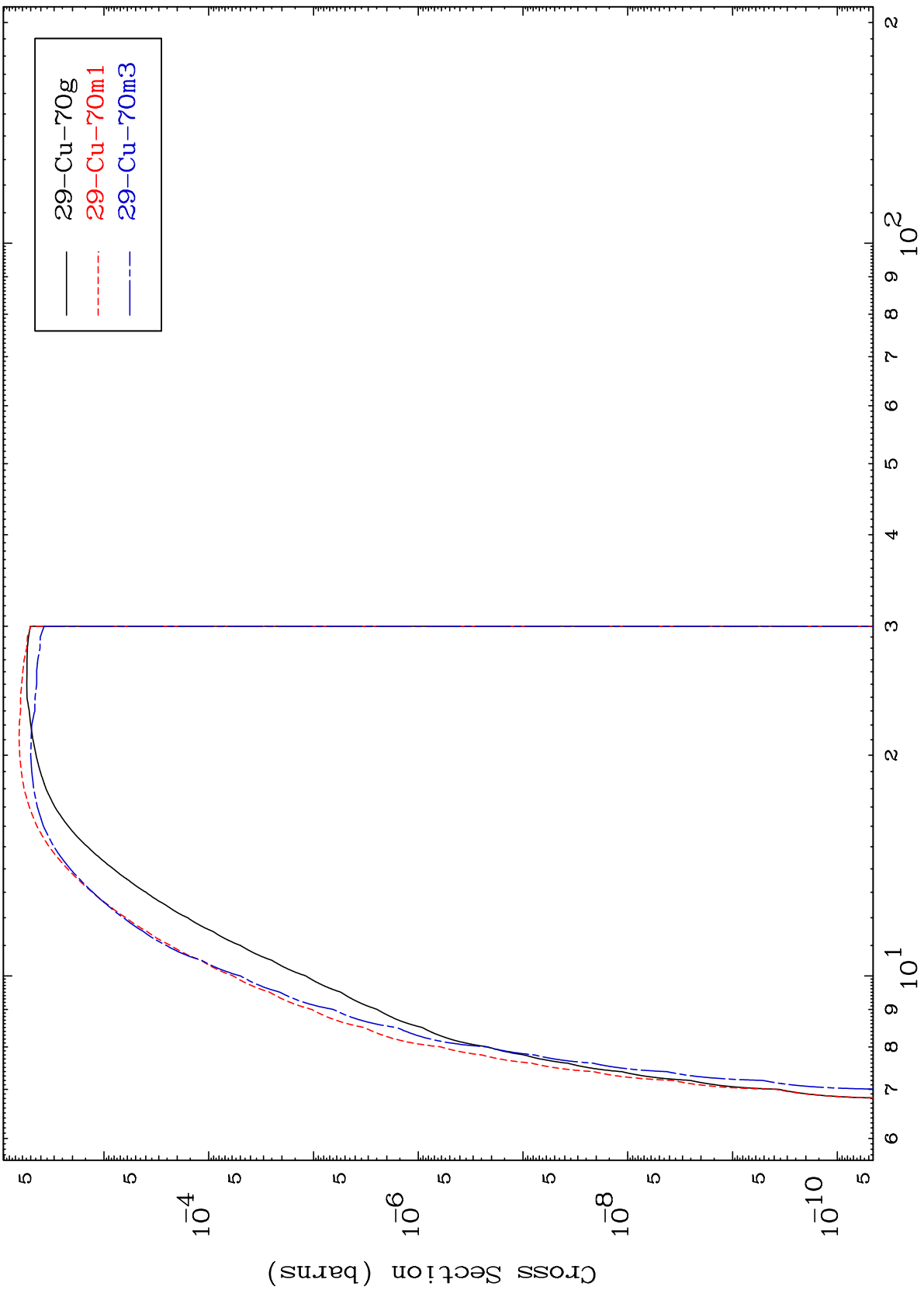
(n, γ)
Radionuclide Production Cross Section



MAT 3043

30-Zn-70

(n,p)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

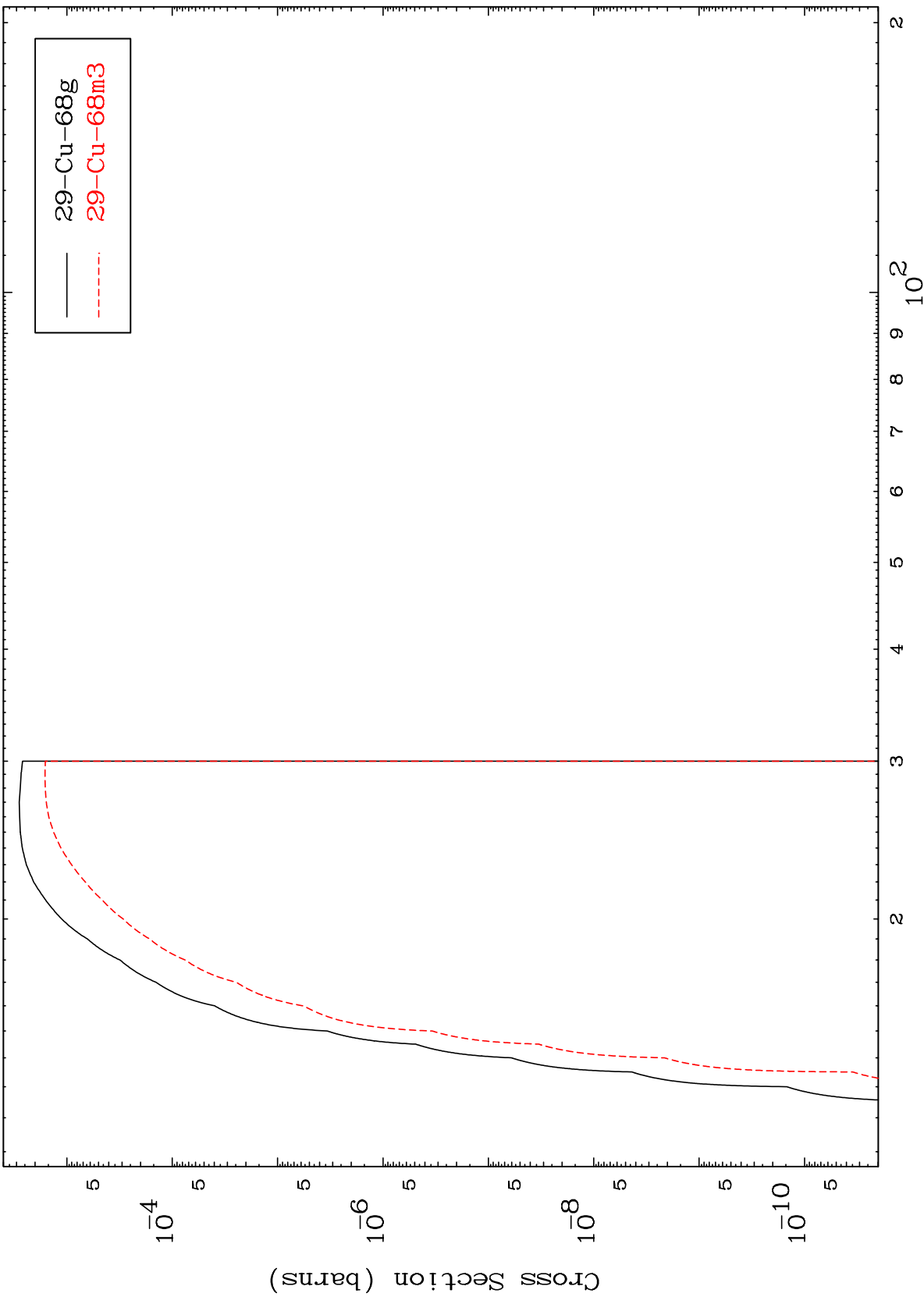
30-Zn-70

MAT 3043

(n, t)

30-Zn-70

Radionuclide Production Cross Section



116

Incident Energy (MeV)

30-Zn-70