

Program EVALPLOT
(Version 2021-1)

by

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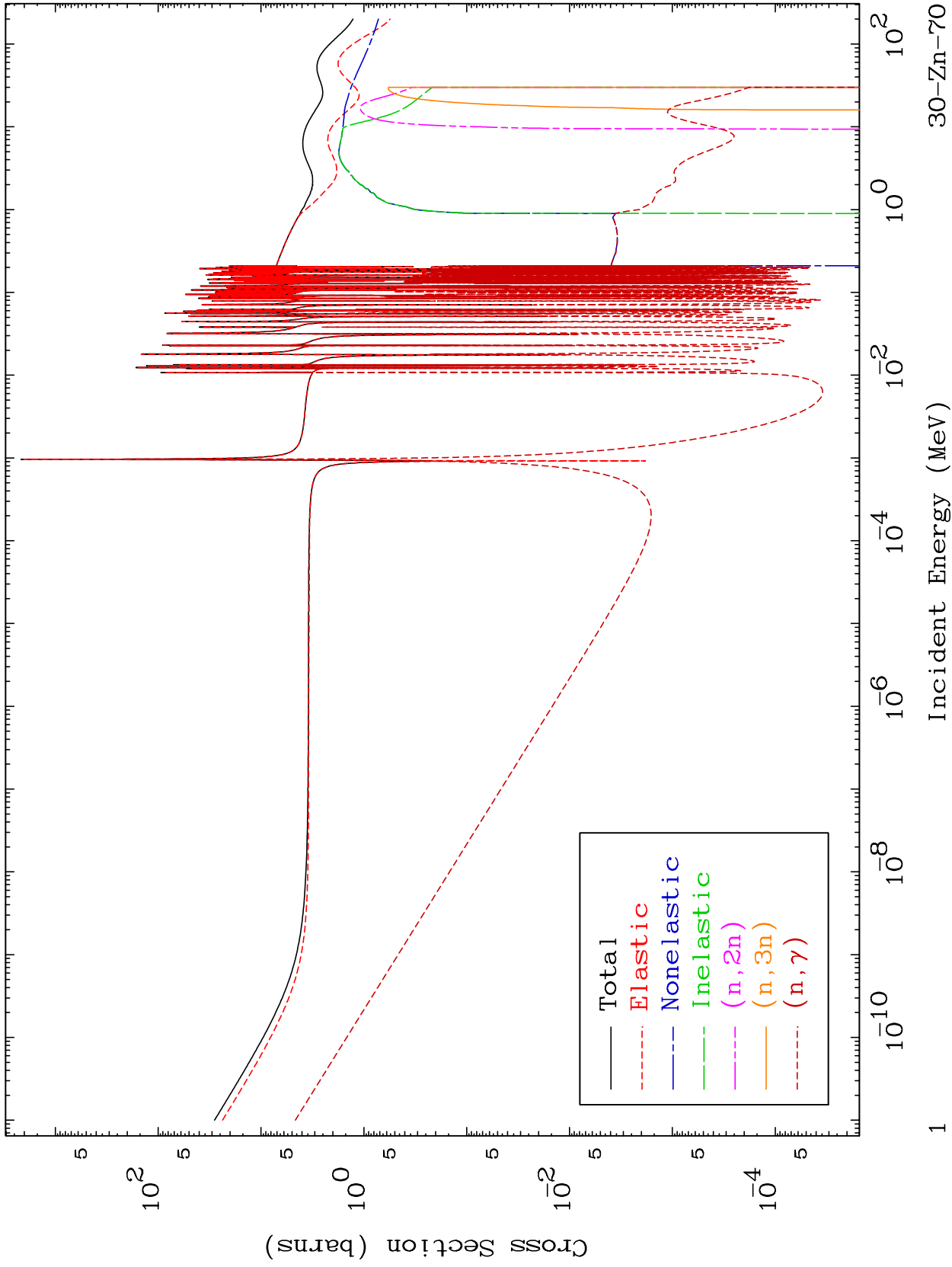
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3043

Neutron Major
293 Kelvin Cross Sections

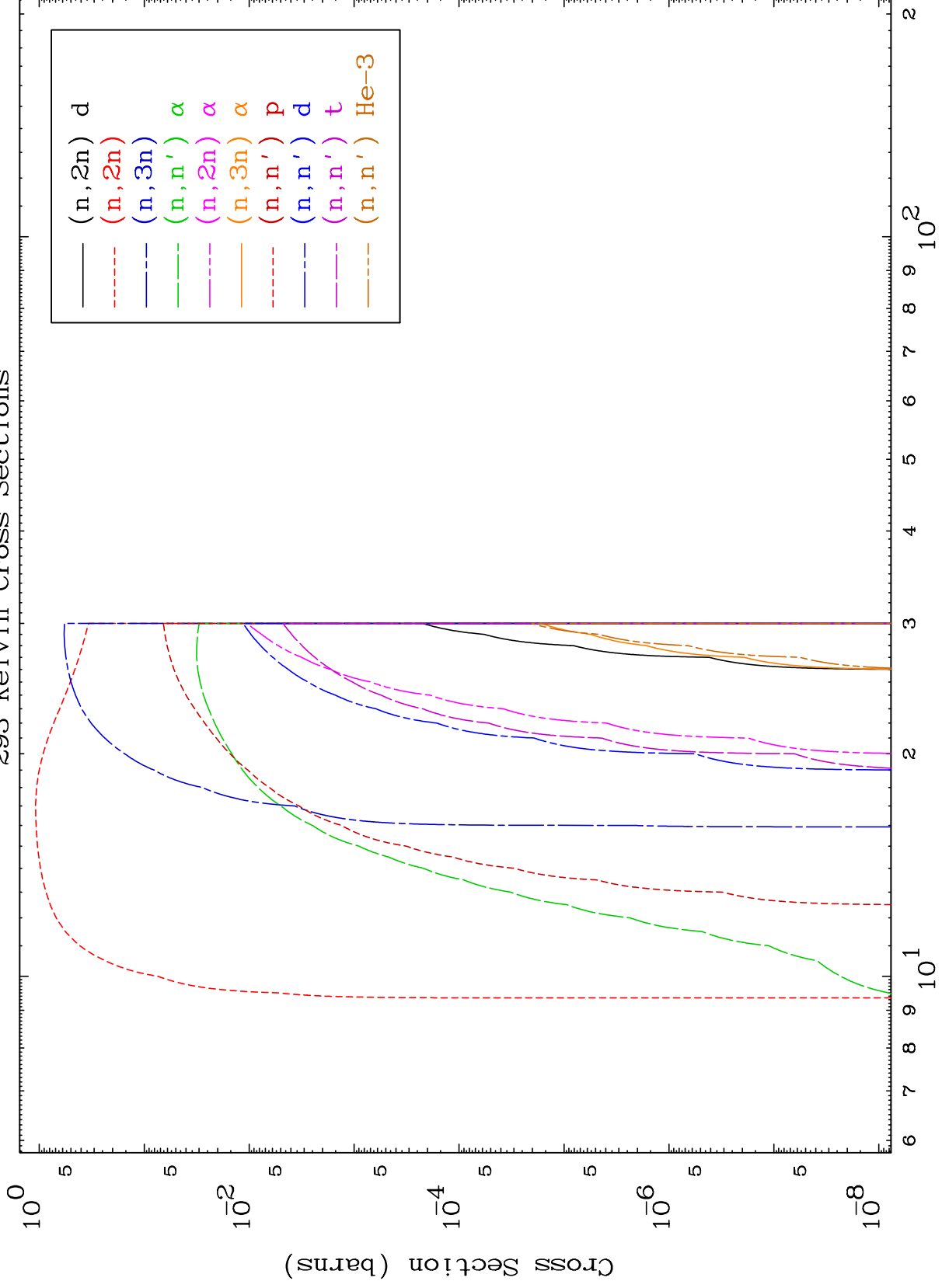
30-Zn-70



MAT 3043

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-70



2

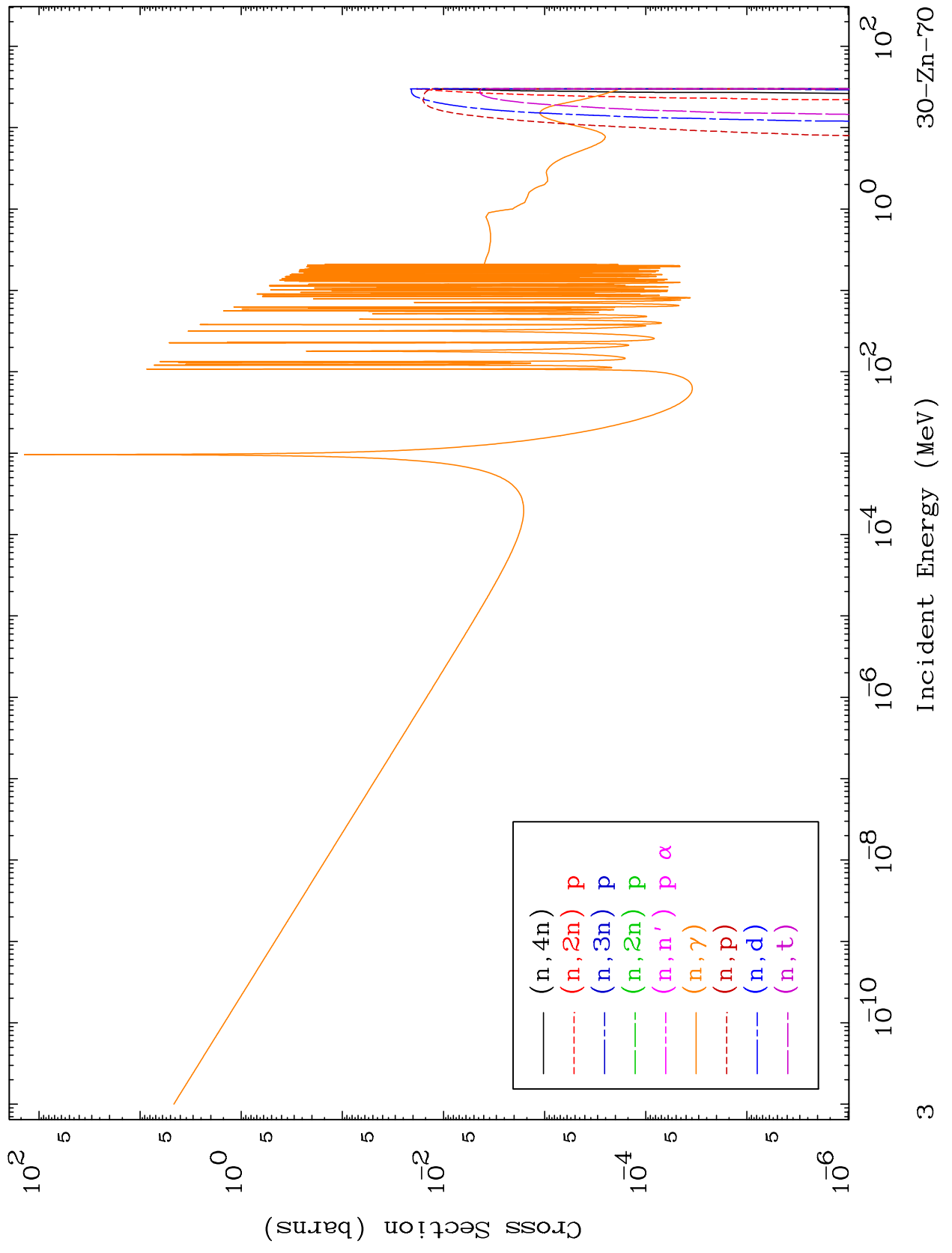
Incident Energy (MeV)

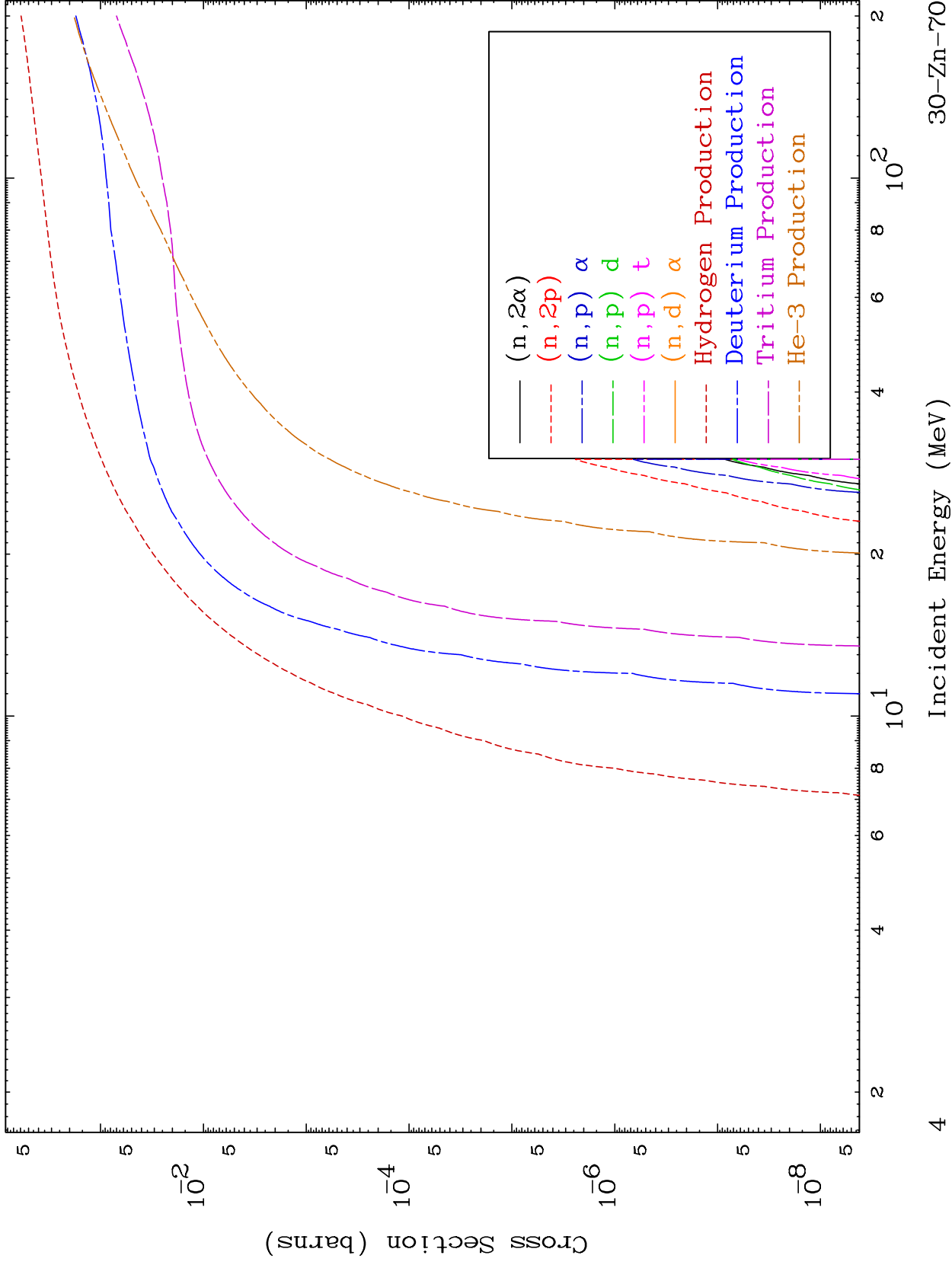
30-Zn-70

MAT 3043

Neutron Absorption
293 Kelvin Cross Sections

30-Zn-70

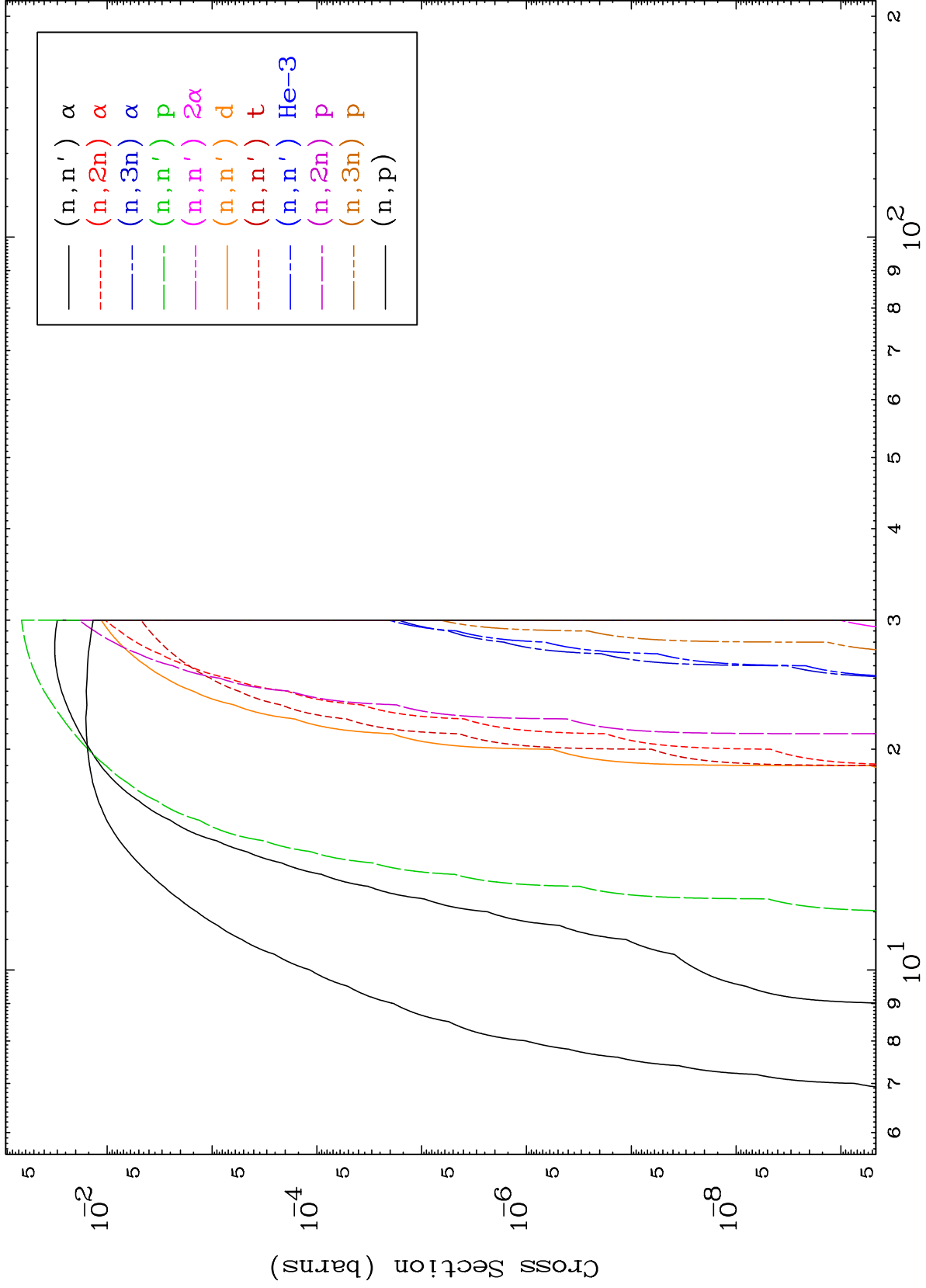




MAT 3043

Charged Particle
293 Kelvin Cross Sections

30-Zn-70



5

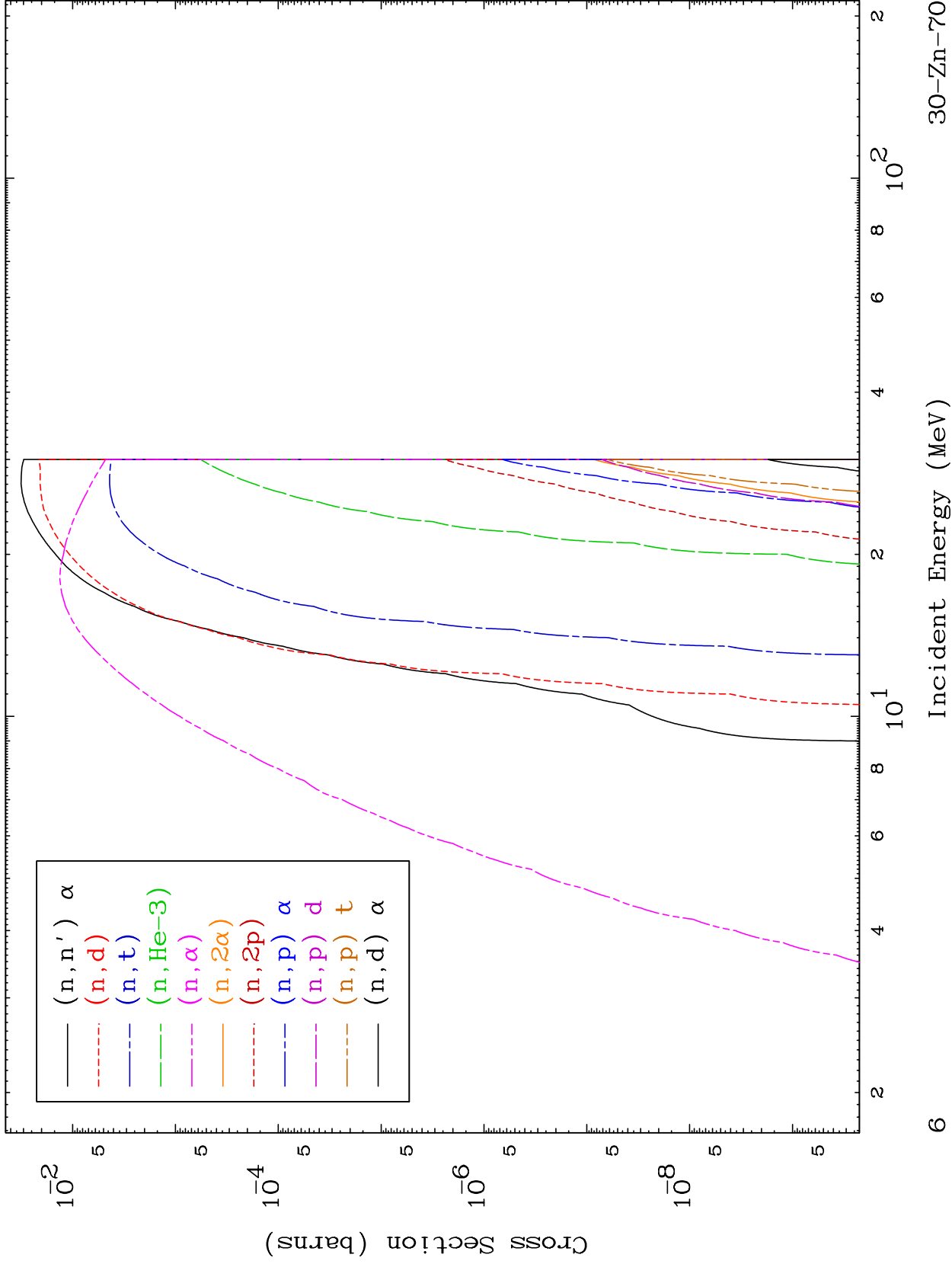
Incident Energy (MeV)

30-Zn-70

MAT 3043

Charged Particle
293 Kelvin Cross Sections

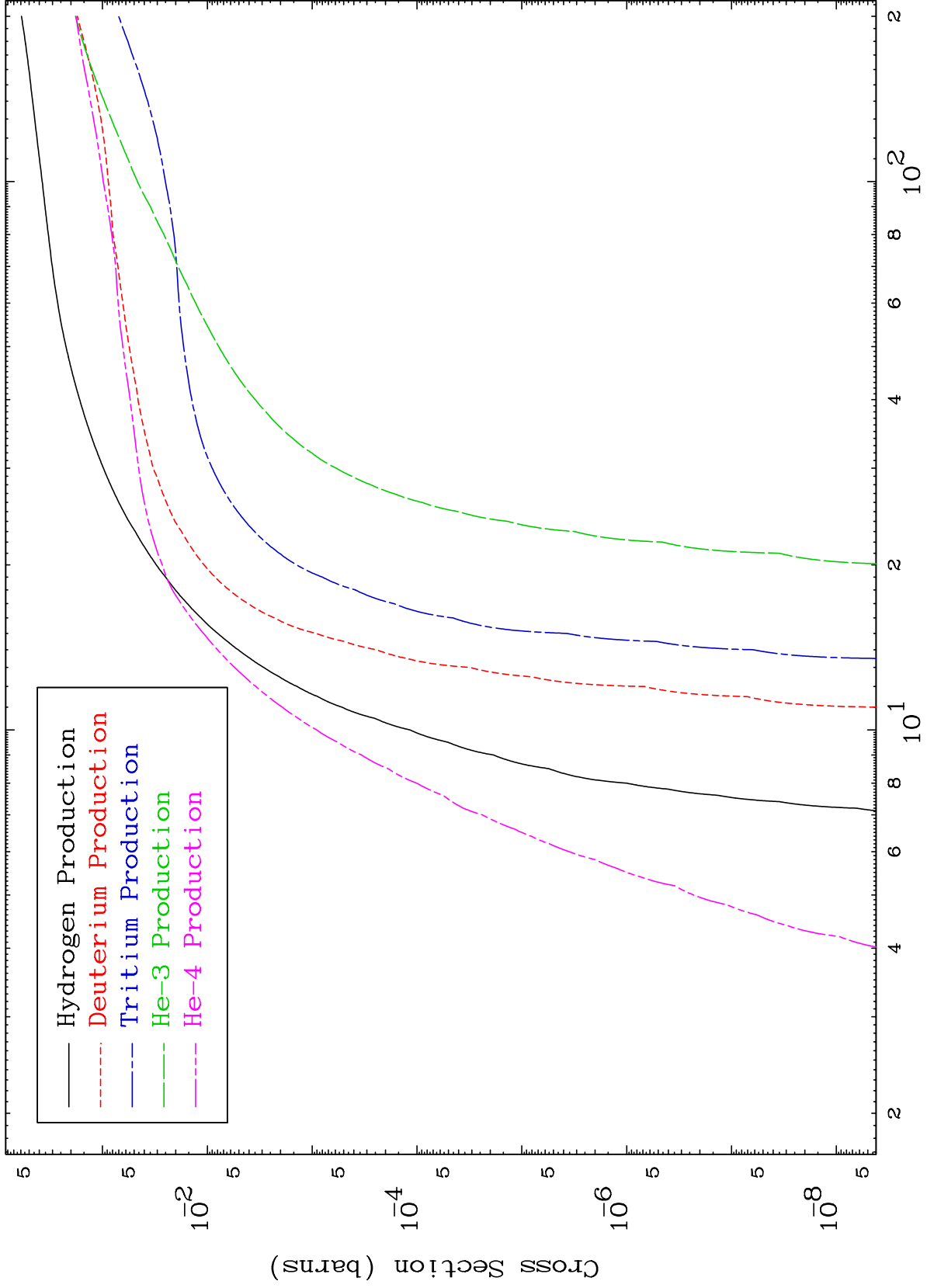
30-Zn-70



MAT 3043

Particle Production
293 Kelvin Cross Sections

30-Zn-70

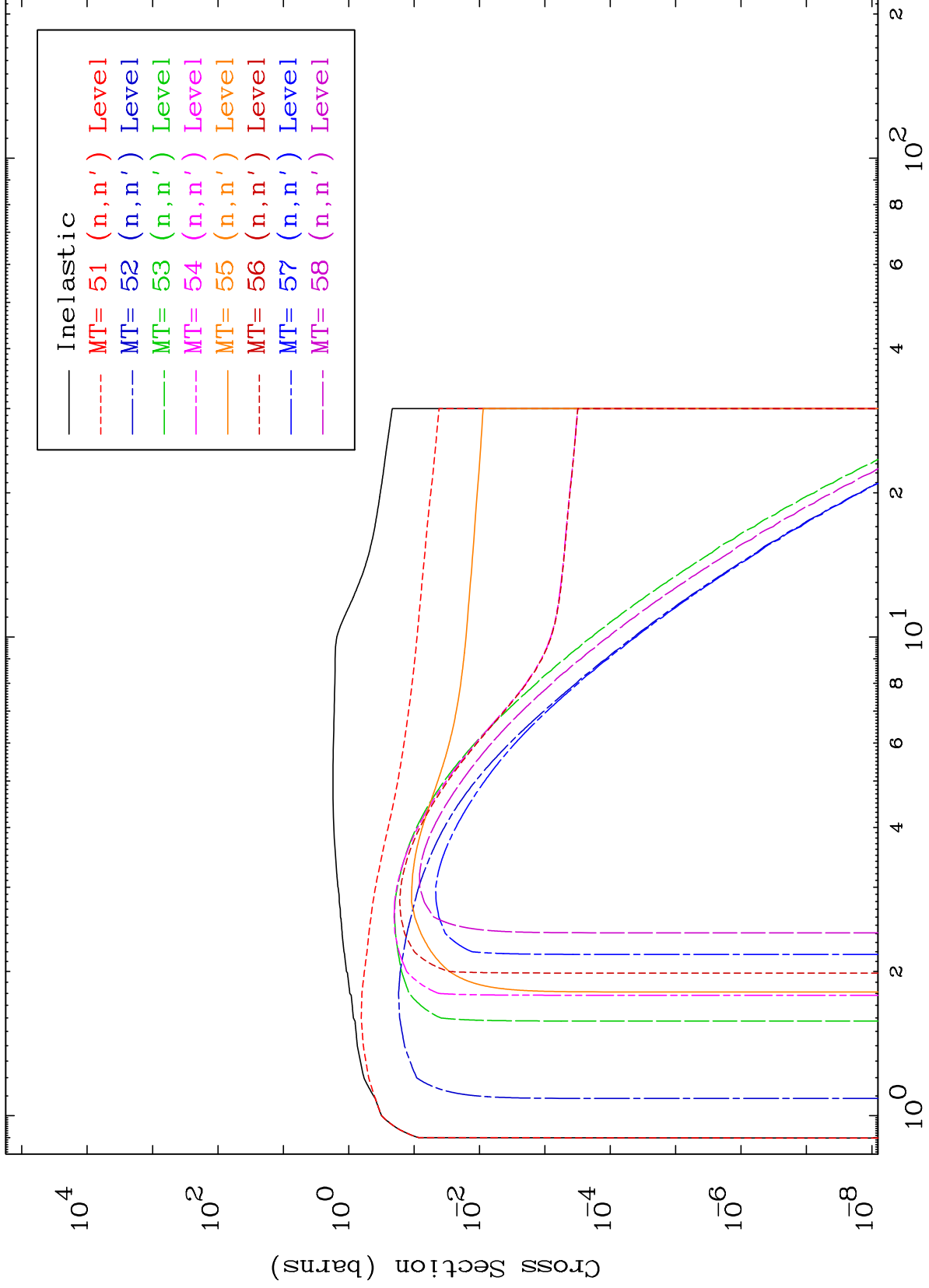


MAT 3043

(n,n') Levels

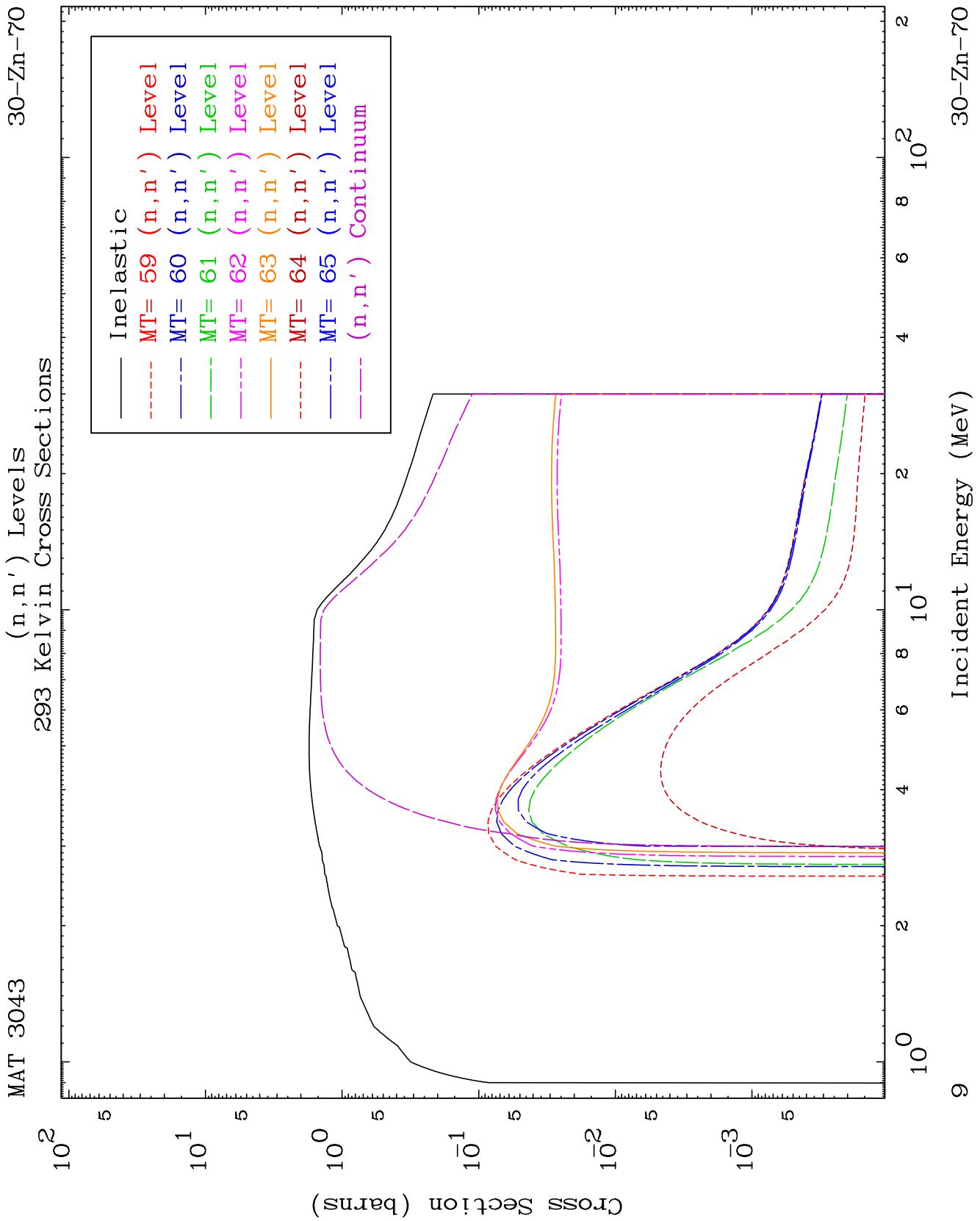
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293 Kelvin Cross Sections



Incident Energy (MeV)

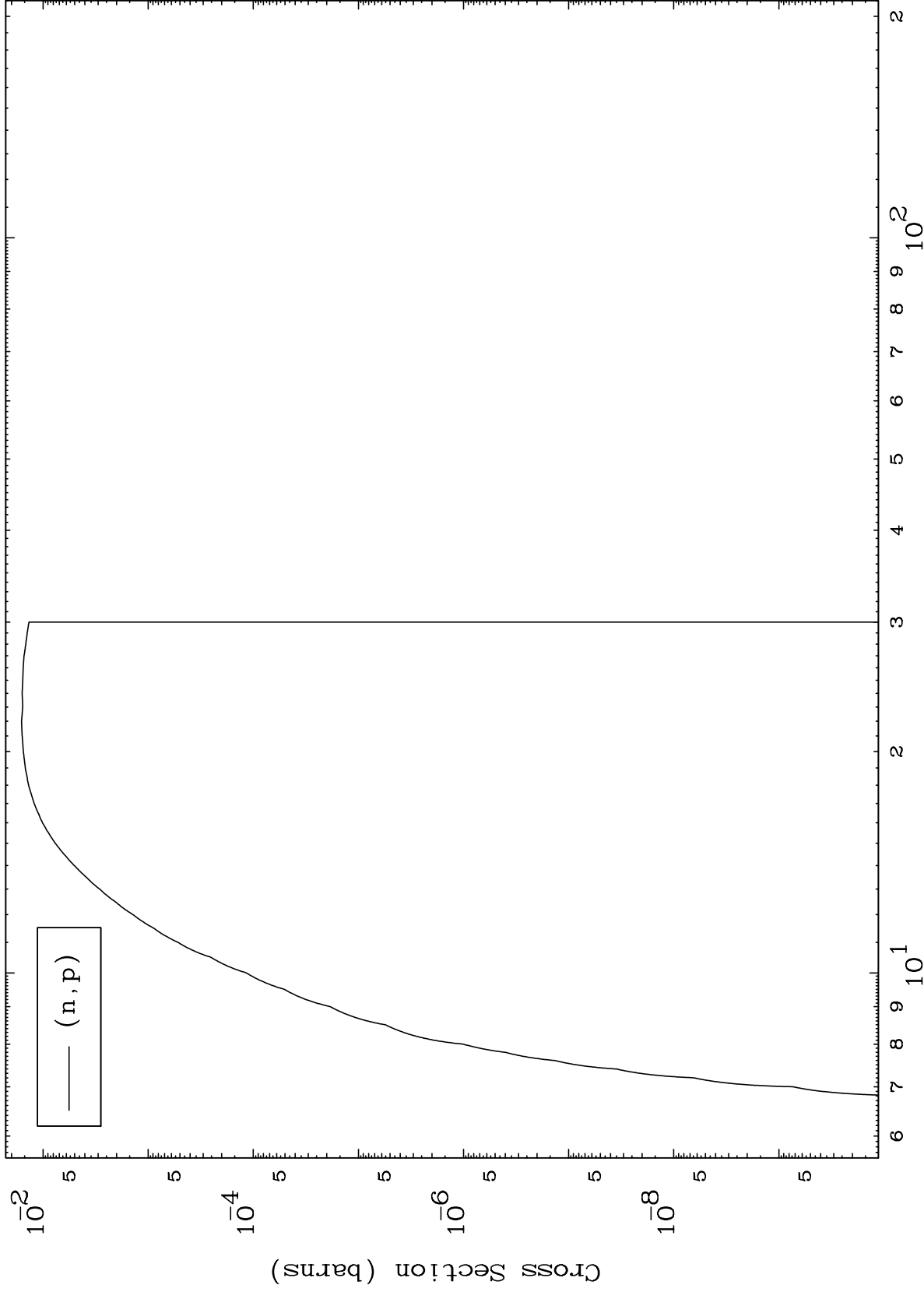
30-Zn-70



MAT 3043

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-70



10

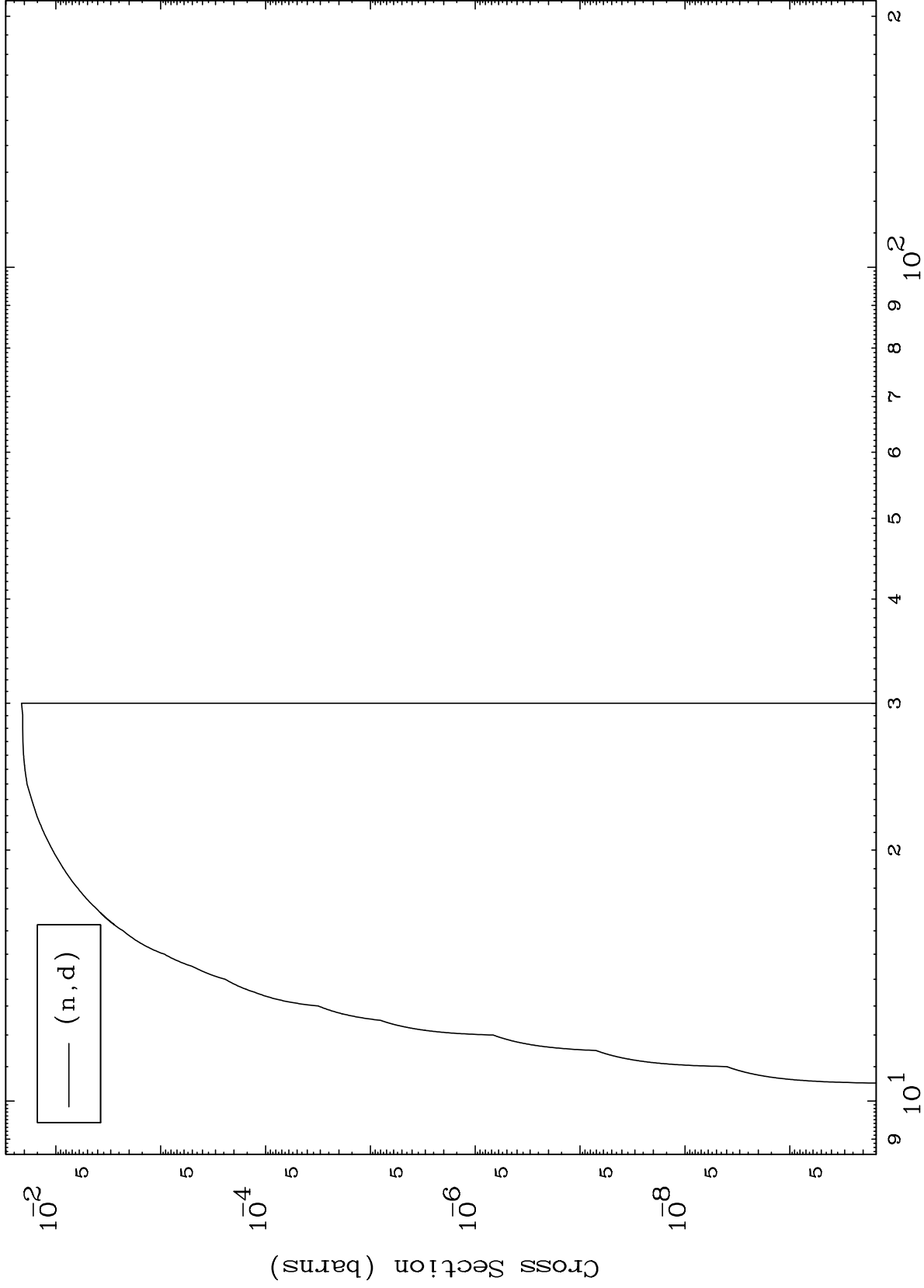
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-70



11

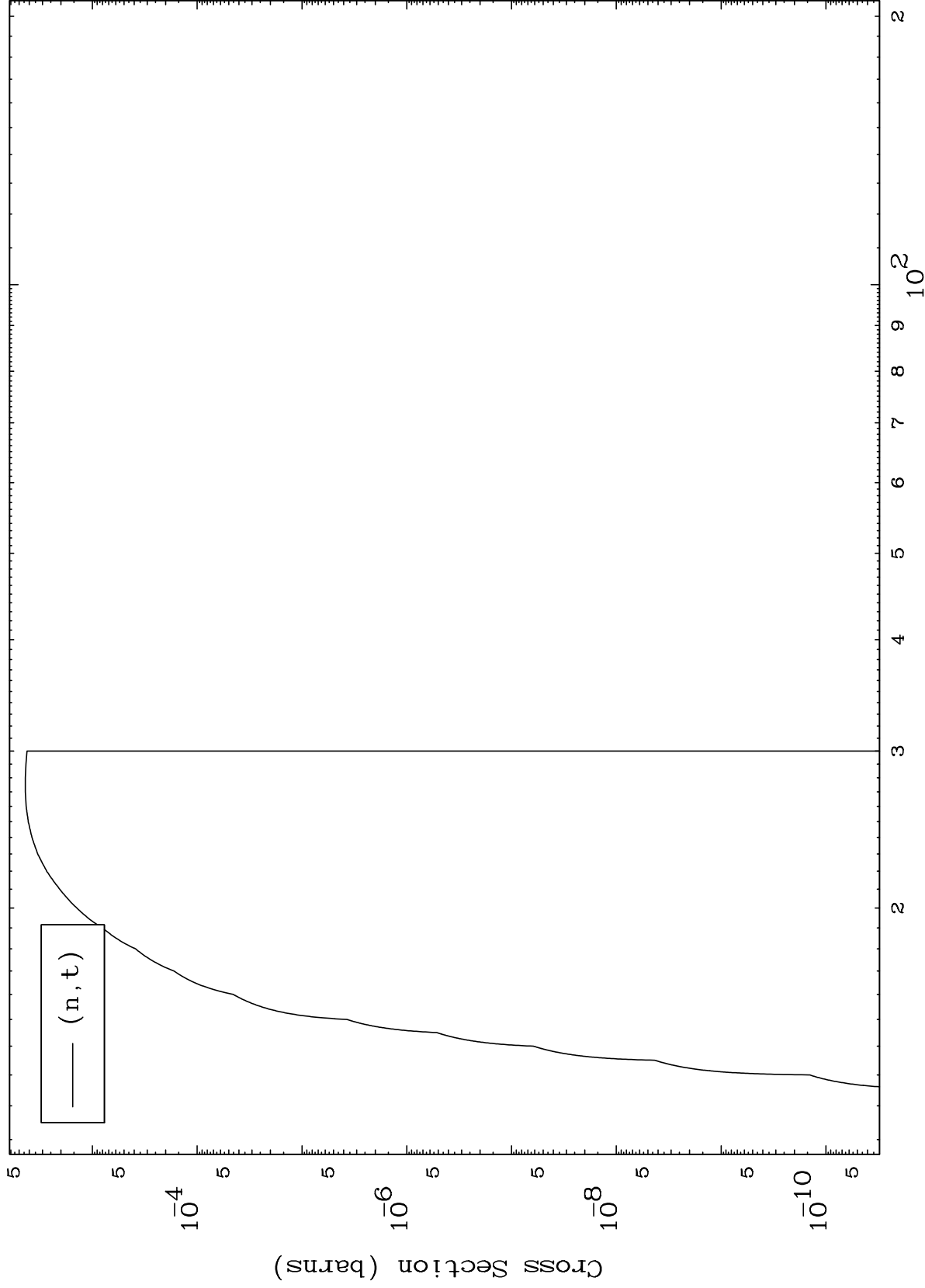
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-70



12

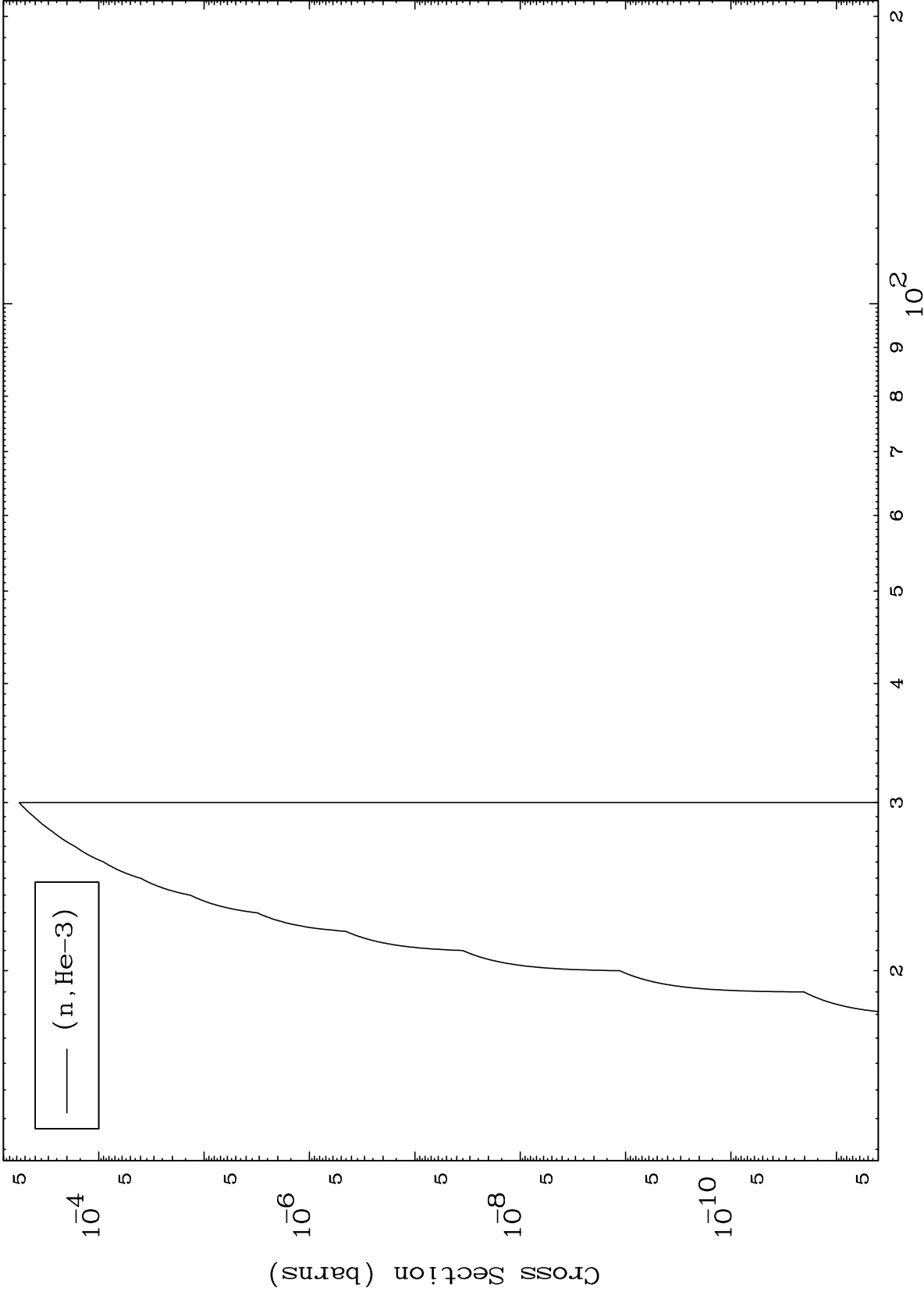
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-70



13

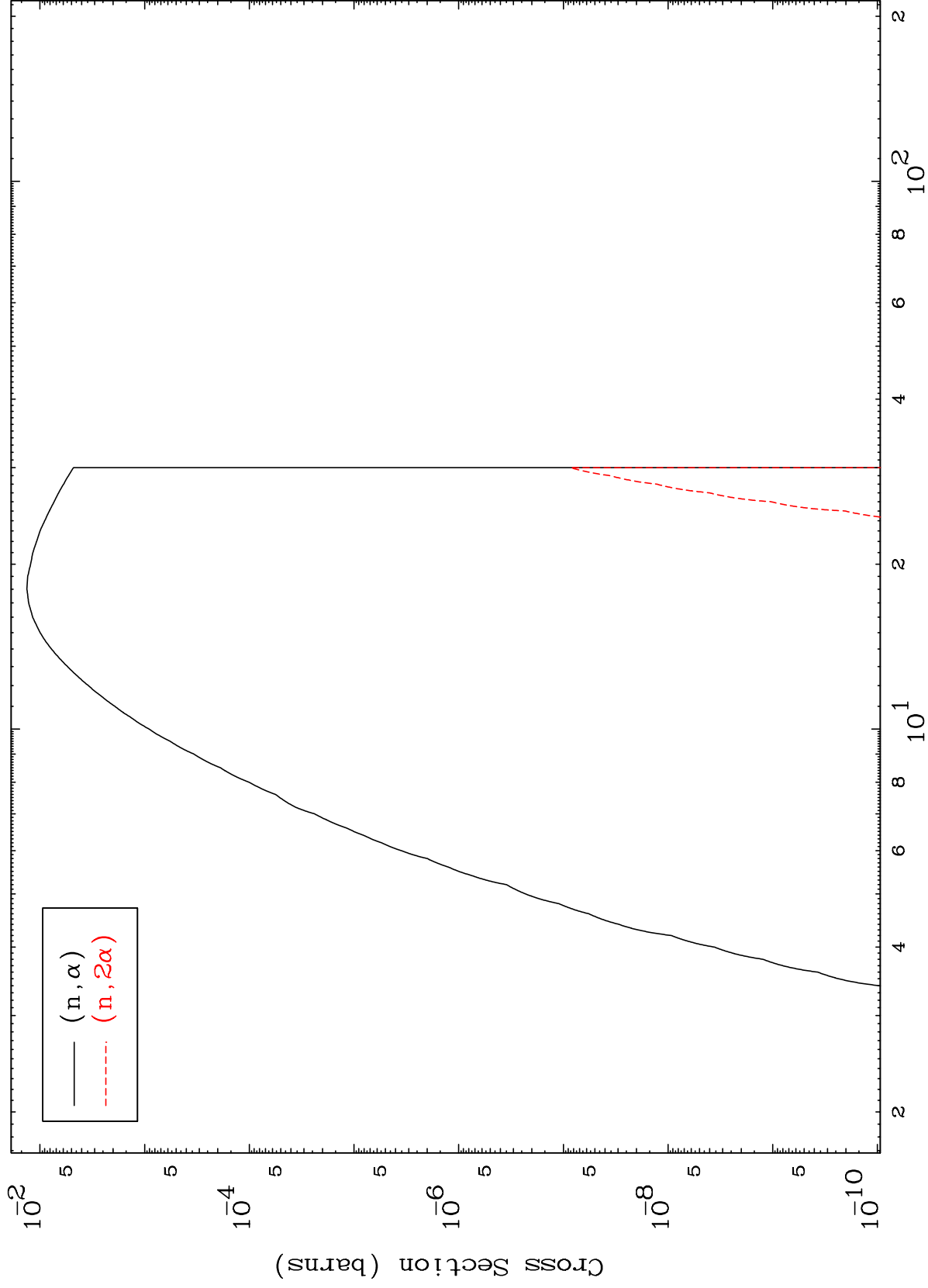
Incident Energy (MeV)

30-Zn-70

MAT 3043

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-70



14

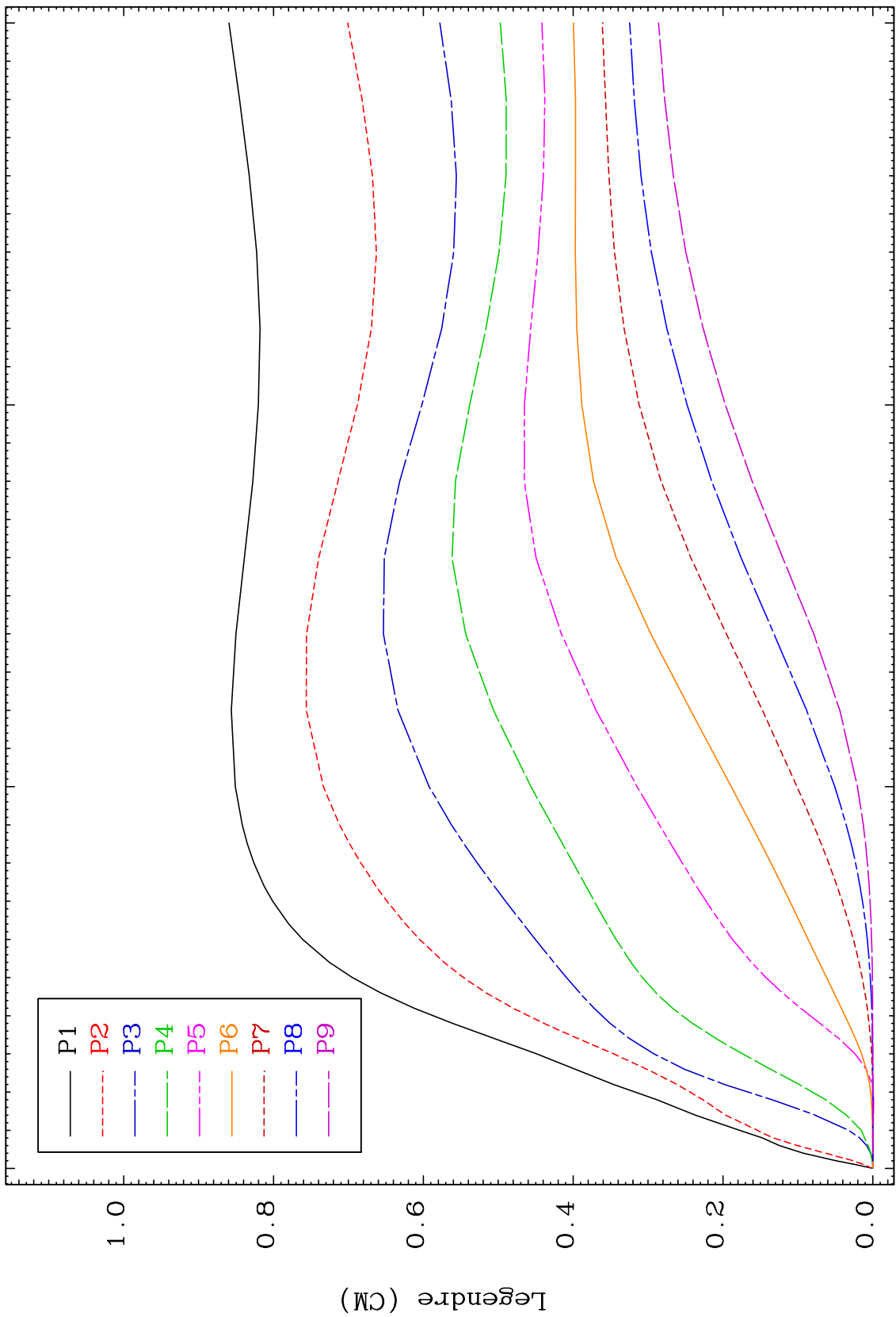
Incident Energy (MeV)

30-Zn-70

MAT 3043

Elastic Legendre Coefficients

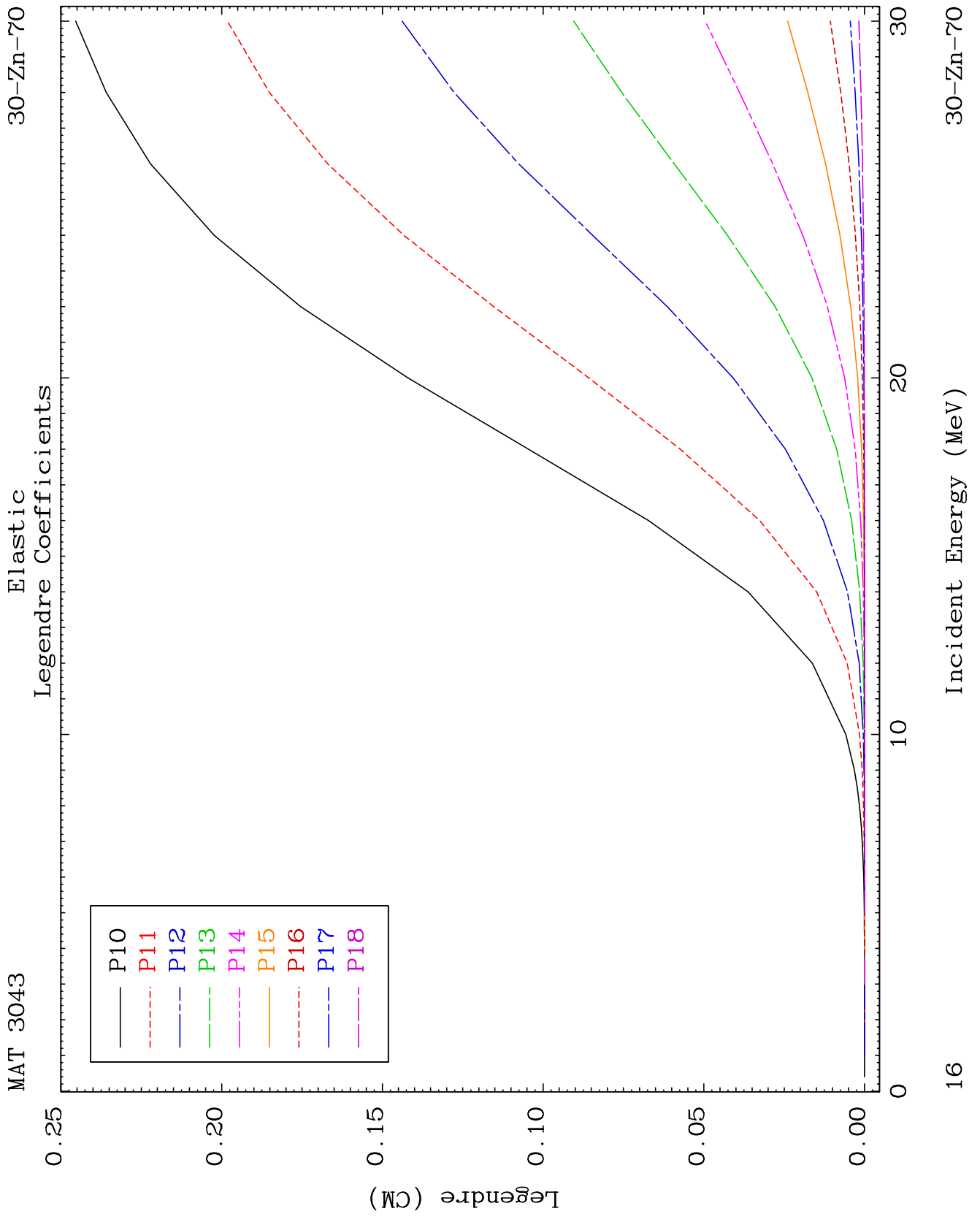
30-Zn-70



Incident Energy (MeV)

30-Zn-70

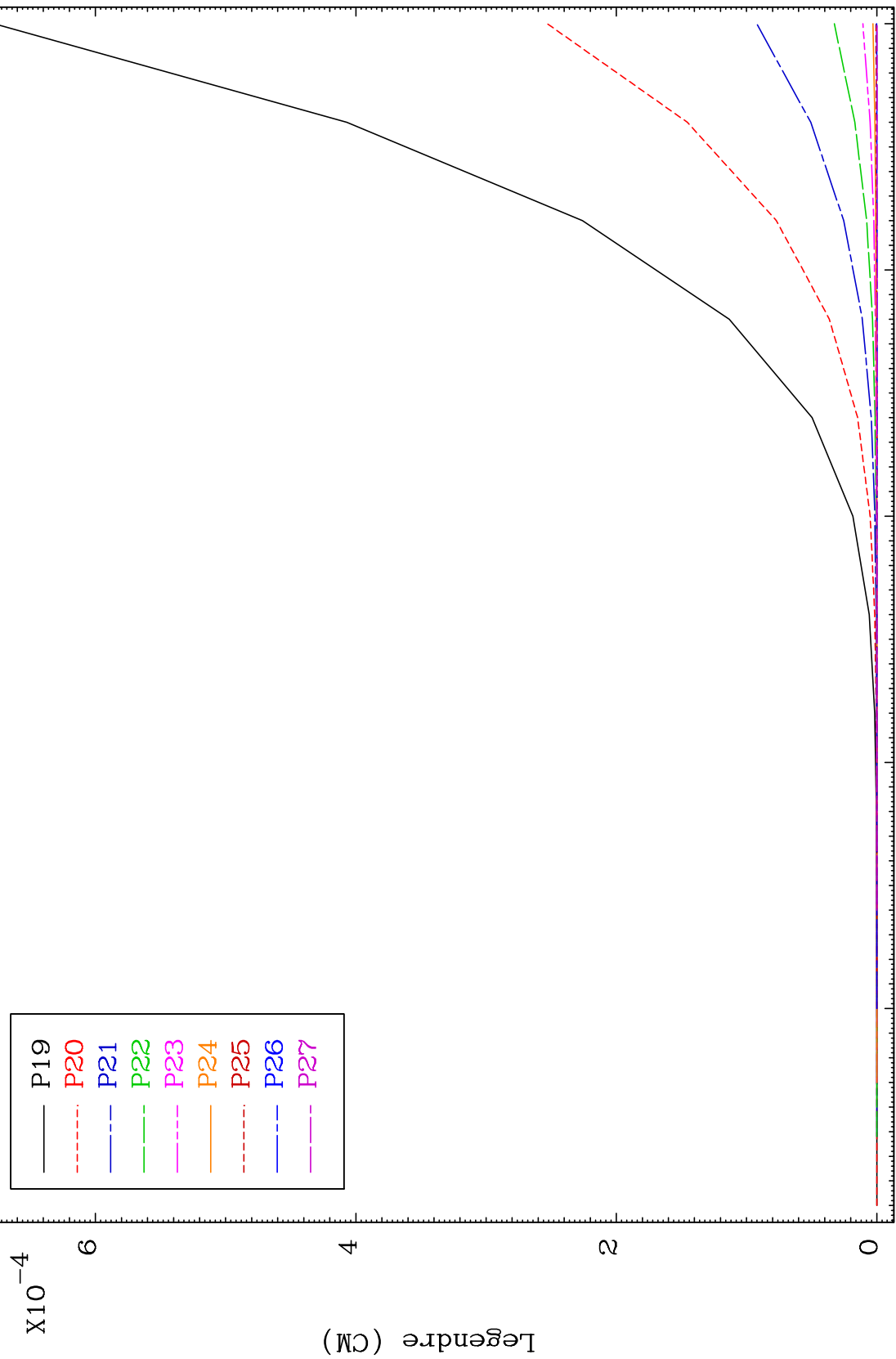
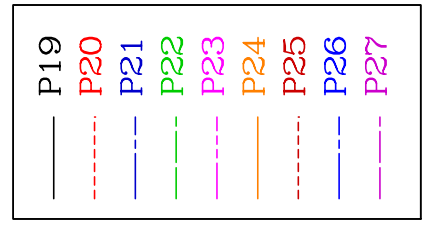
15



MAT 3043

Elastic Legendre Coefficients

30-Zn-70



17

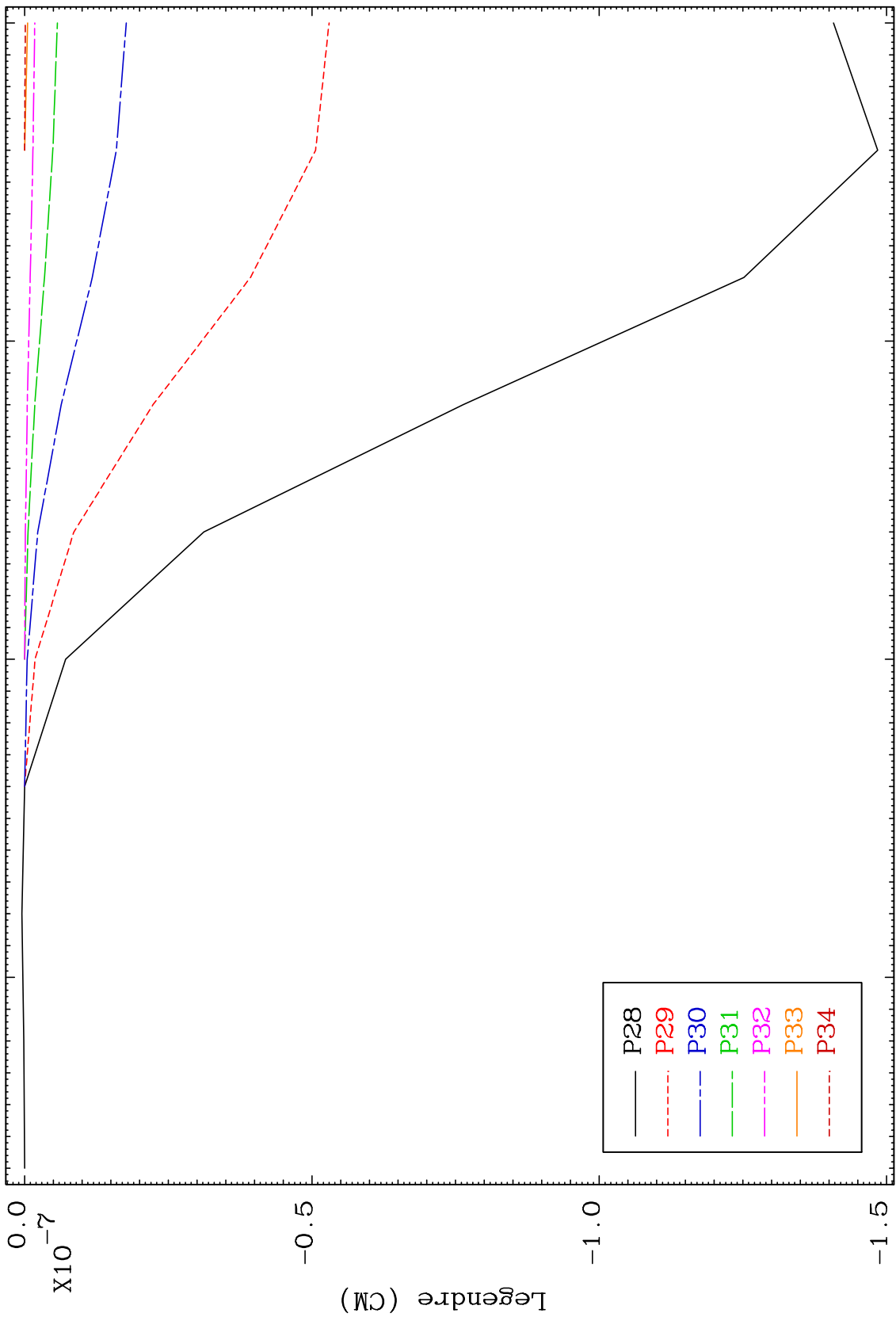
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

30

25

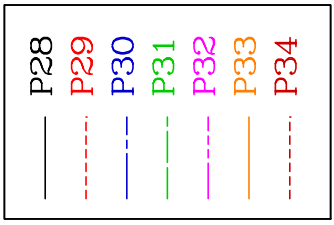
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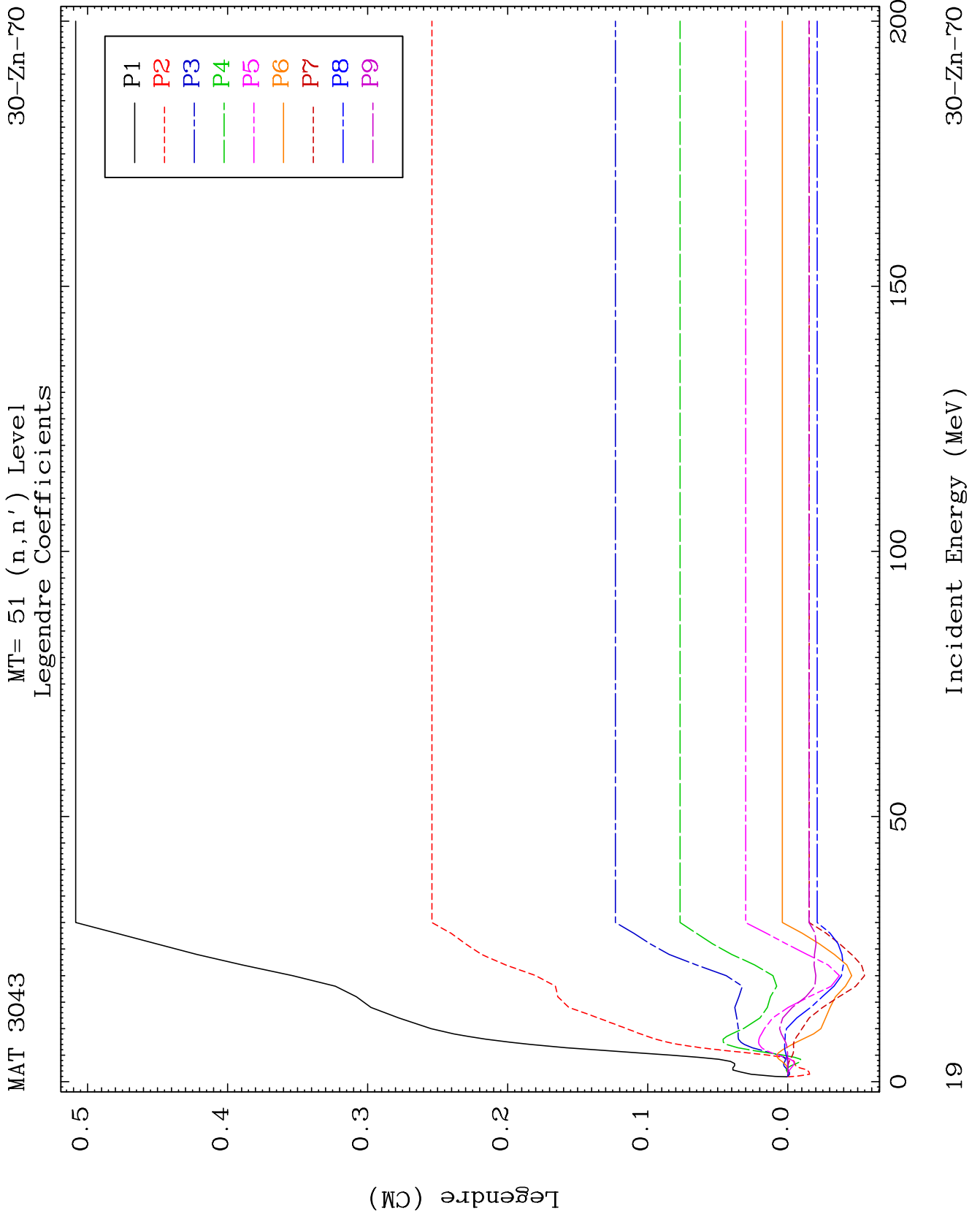
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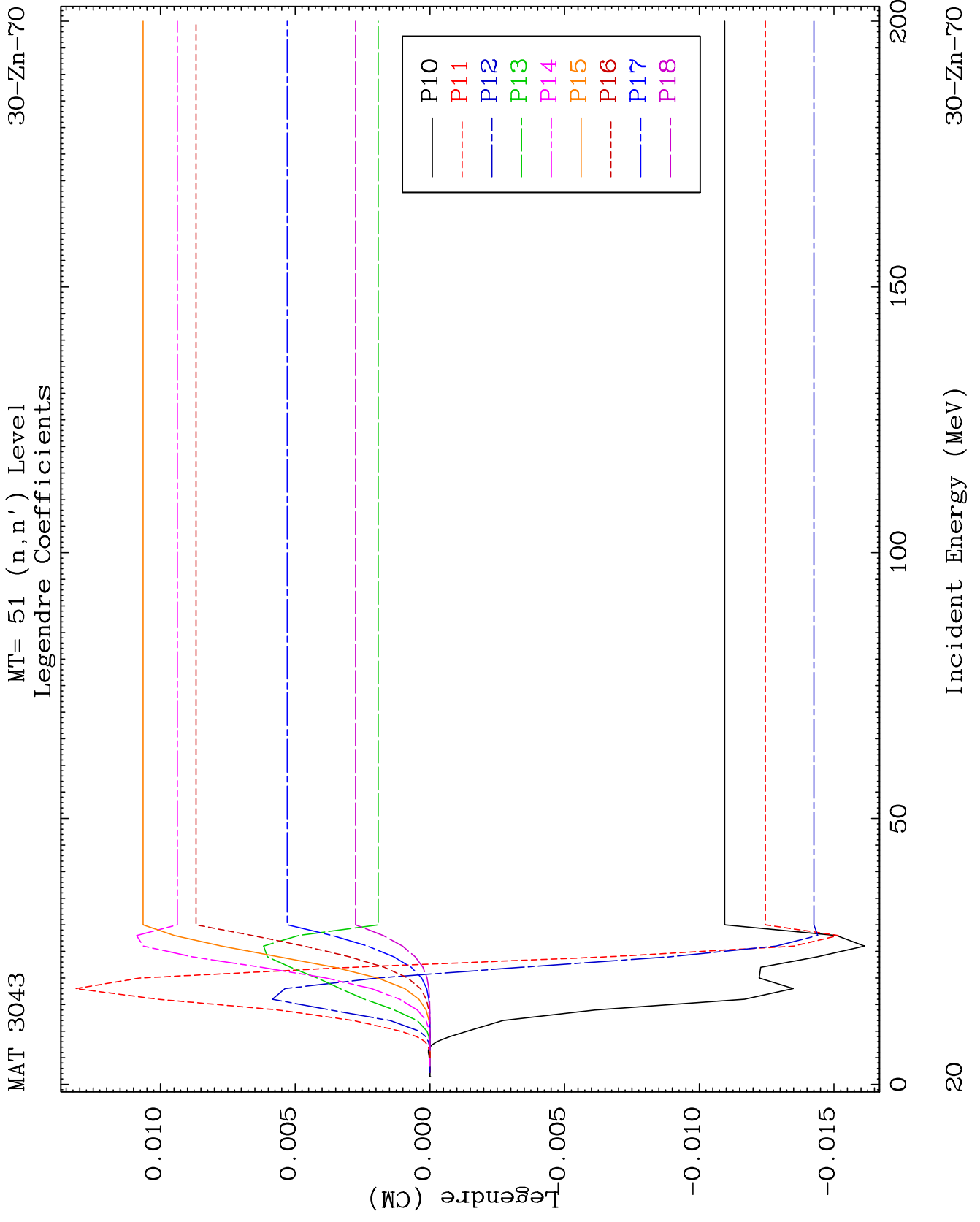
30-Zn-70

Incident Energy (MeV)

18



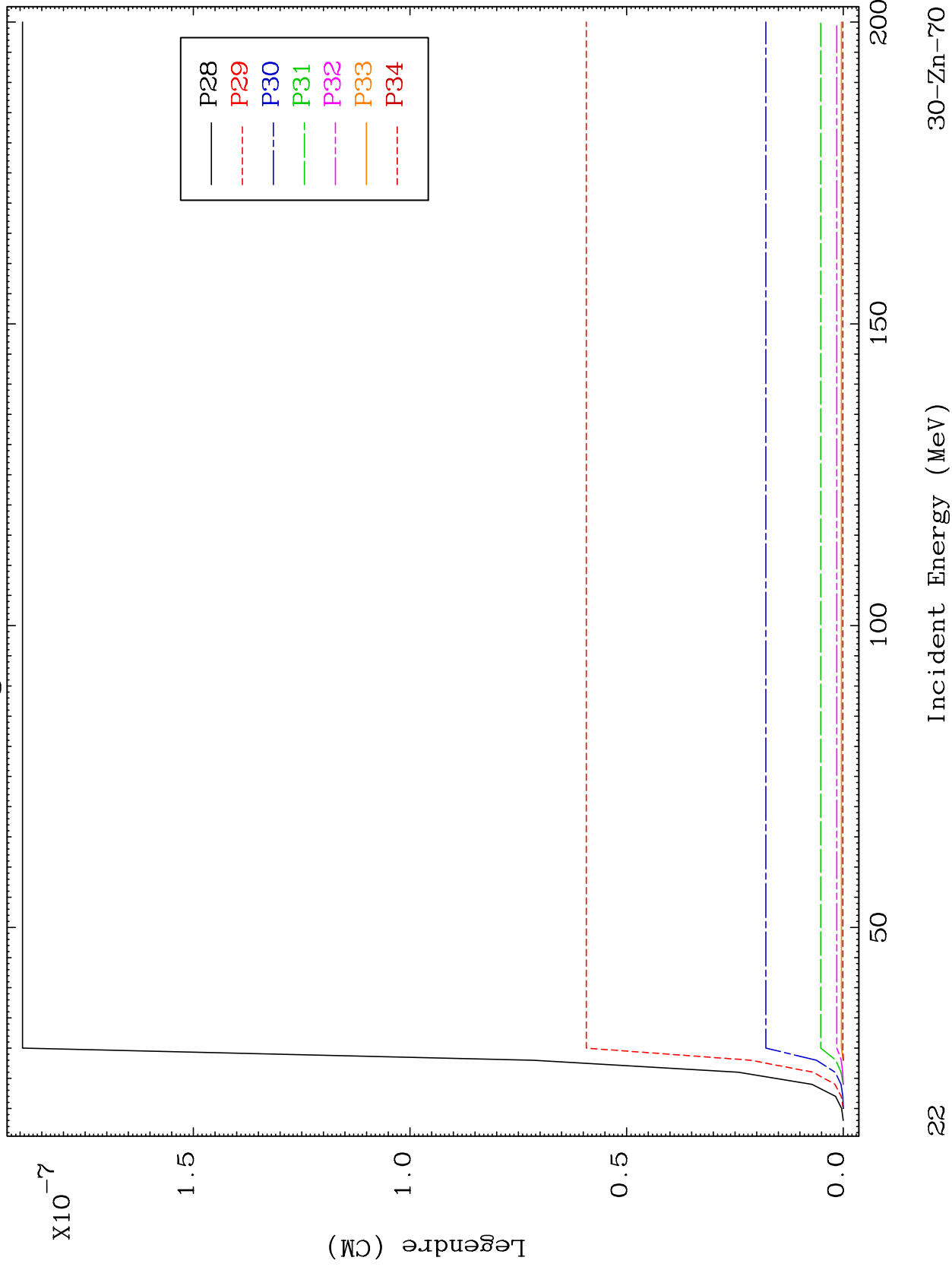




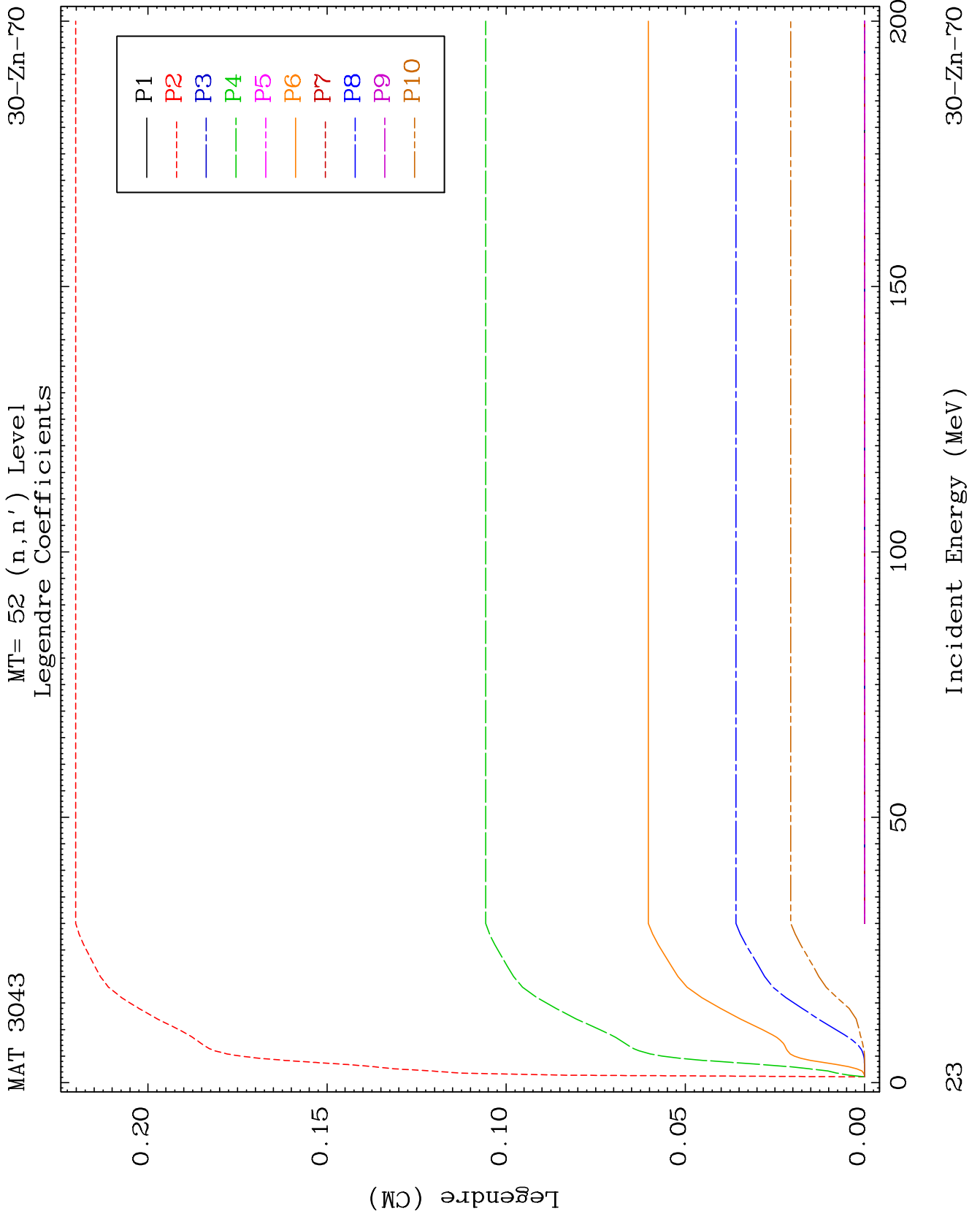
MAT 3043

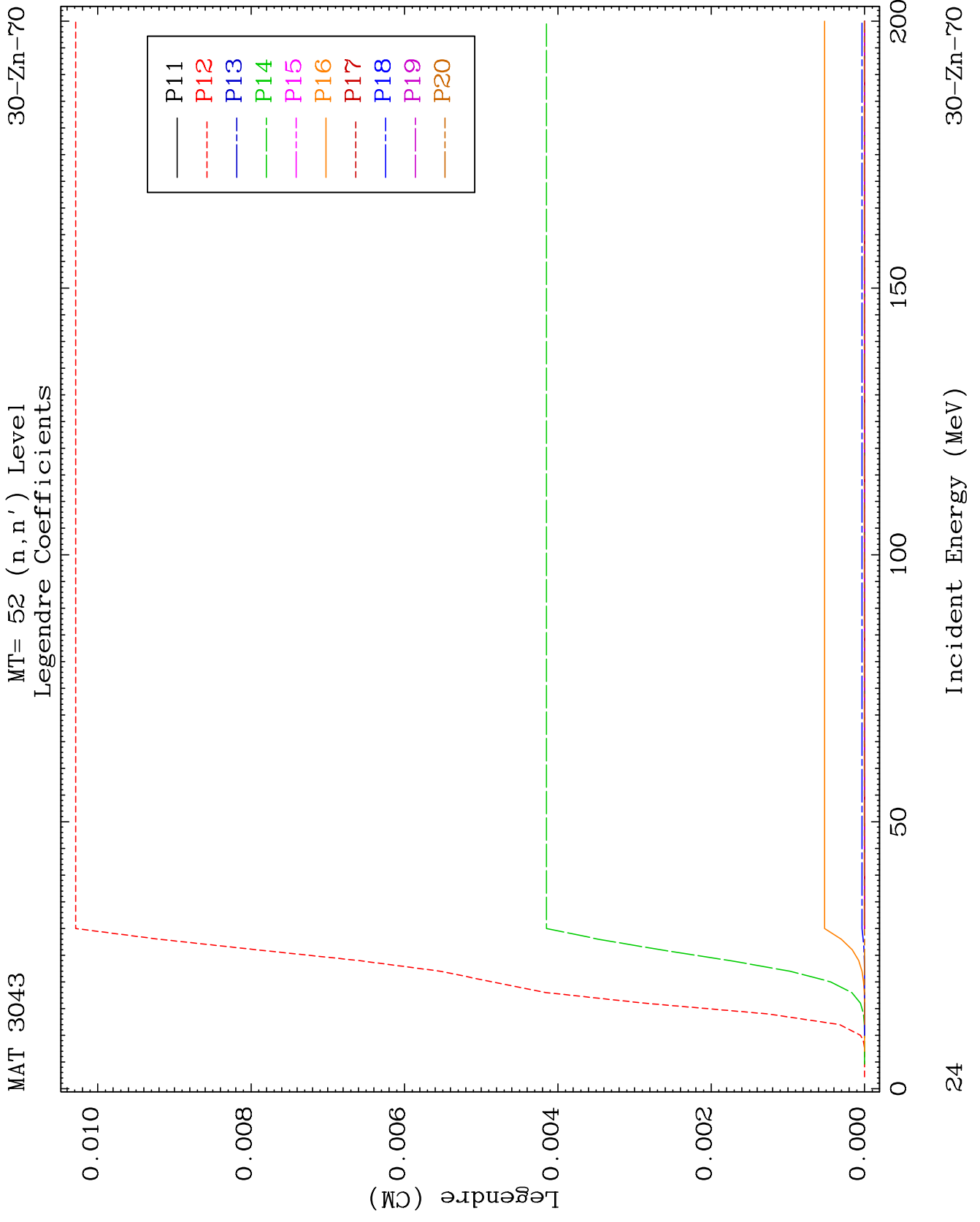
MT= 51 (n,n') Level
Legendre Coefficients

30-Zn-70



22

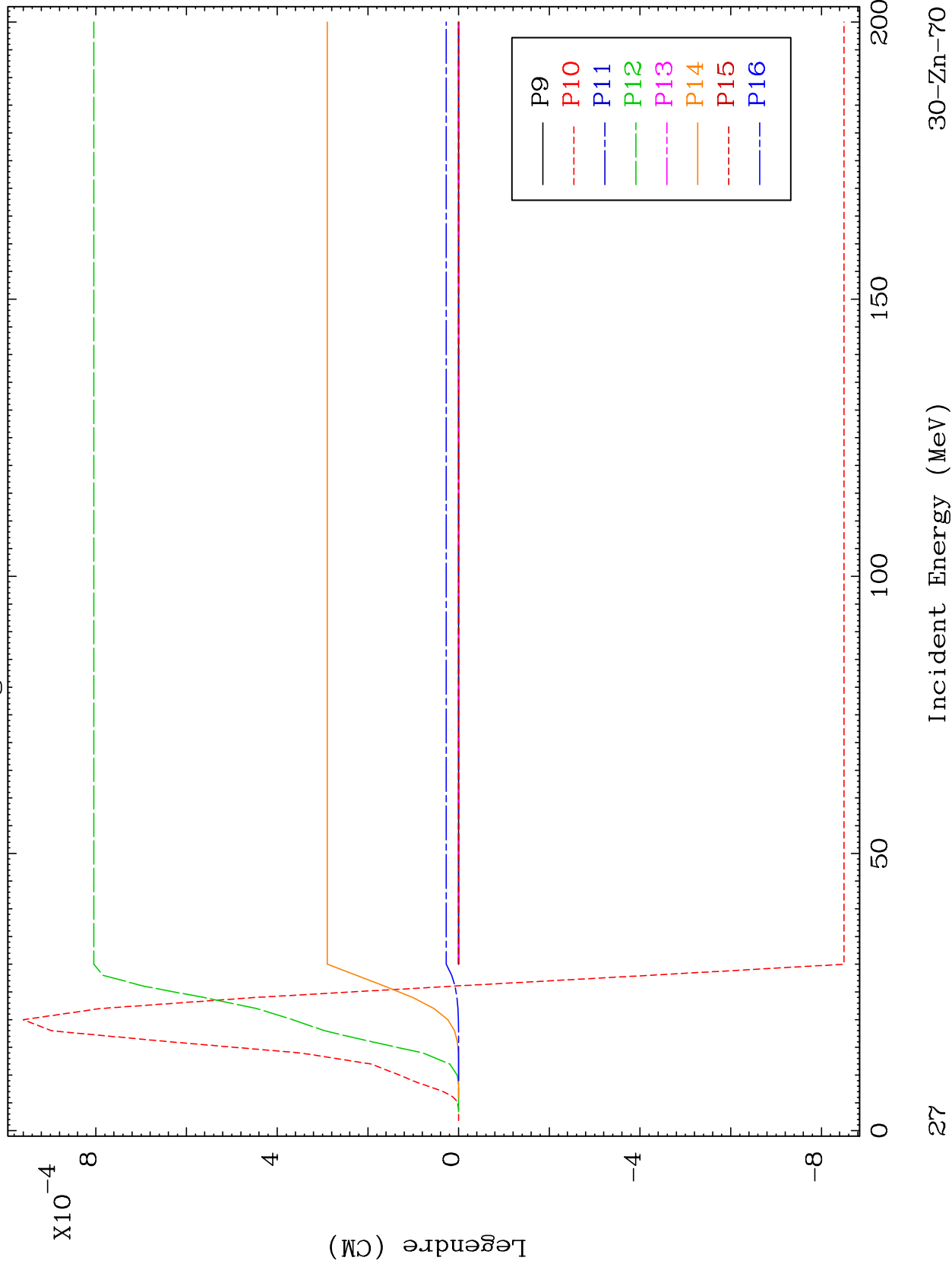




MAT 3043

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

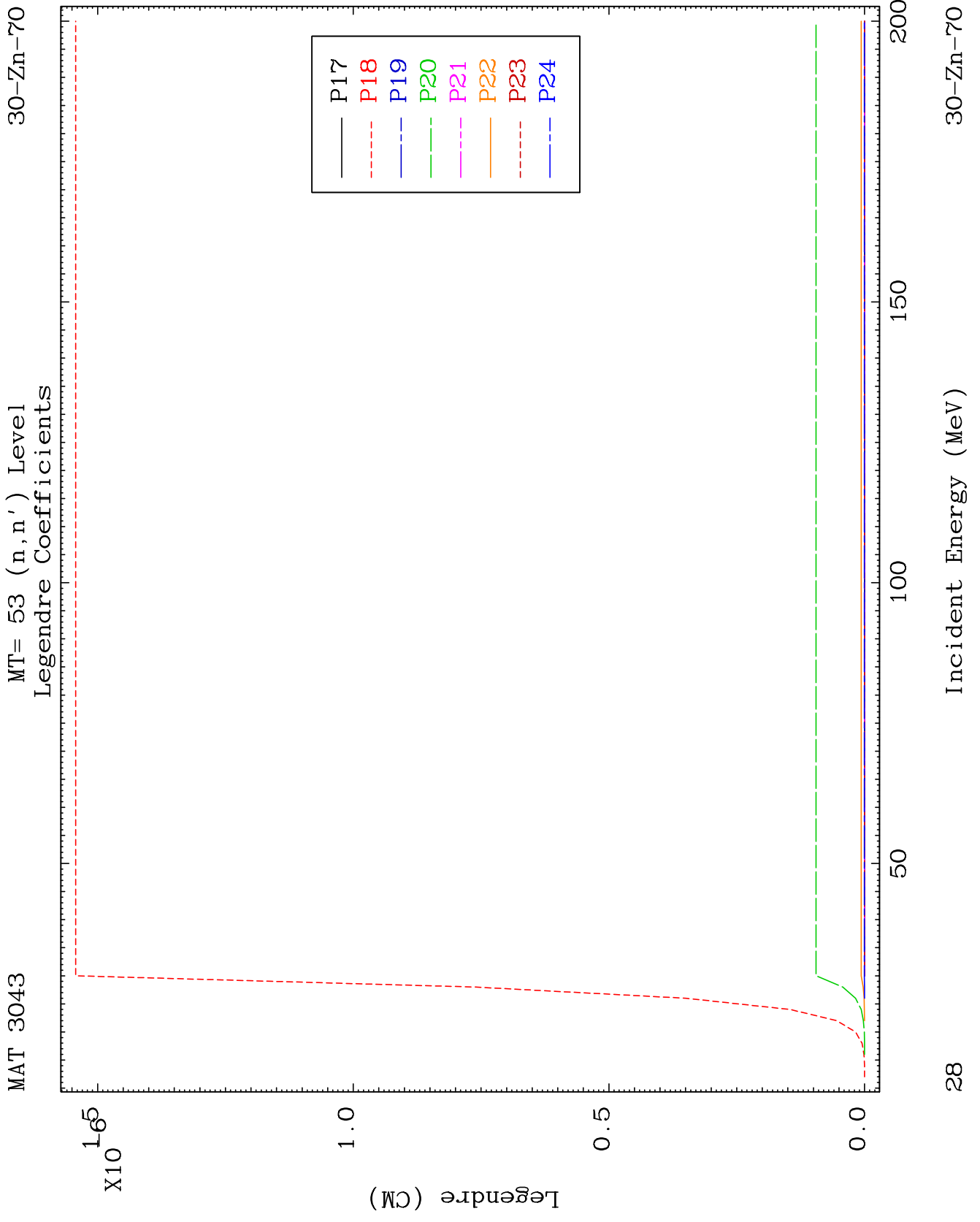
30-Zn-70

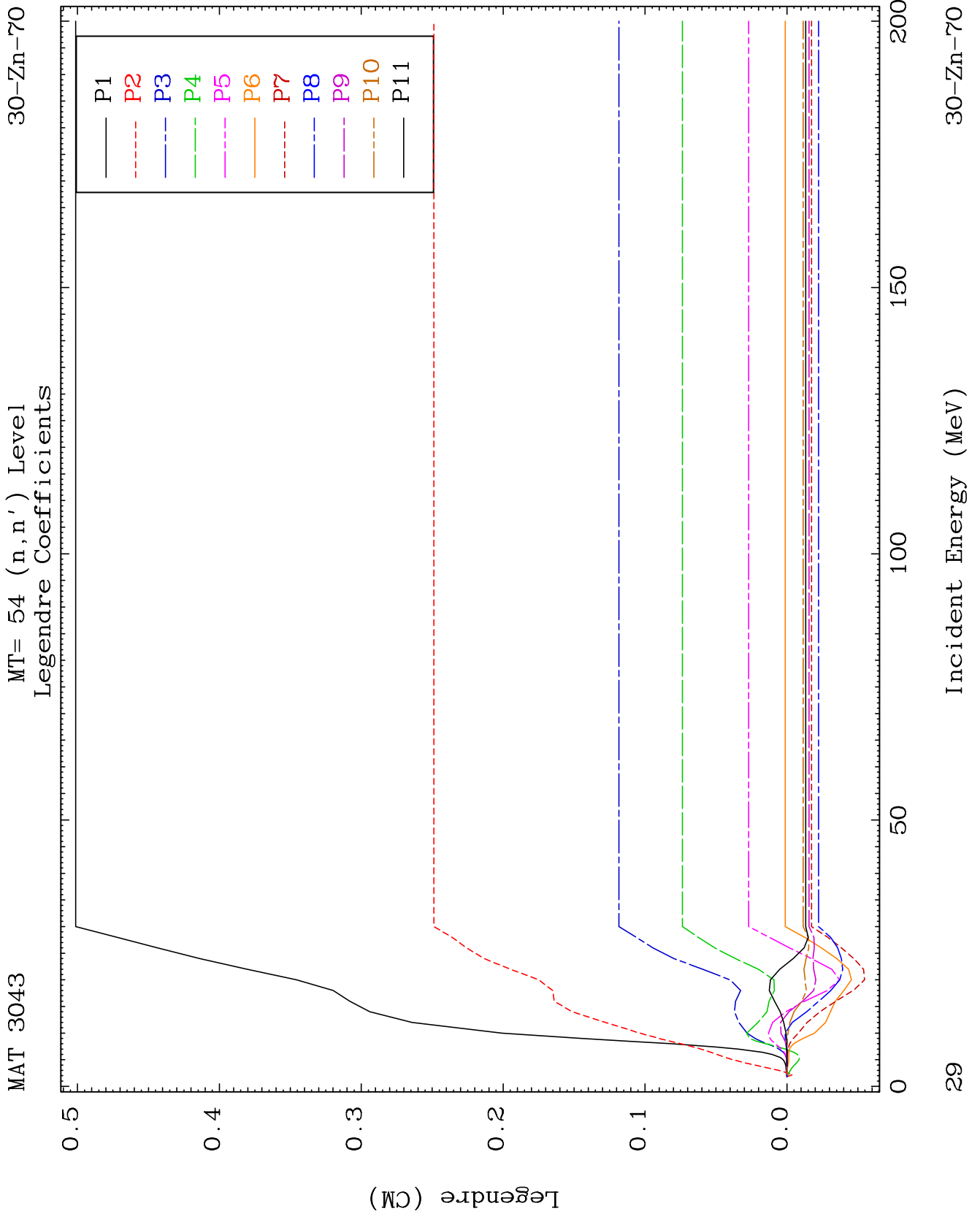


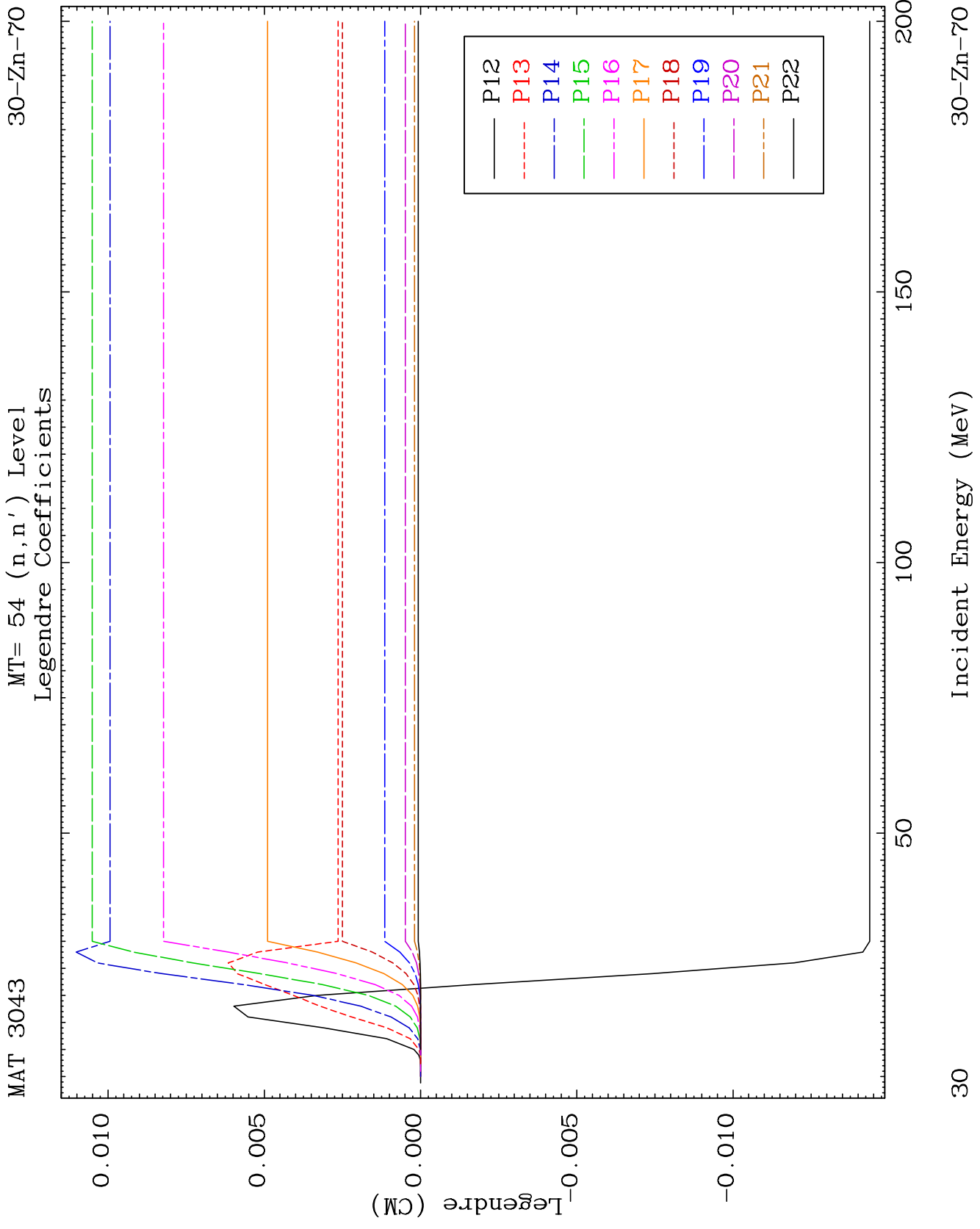
27

Incident Energy (MeV)

30-Zn-70



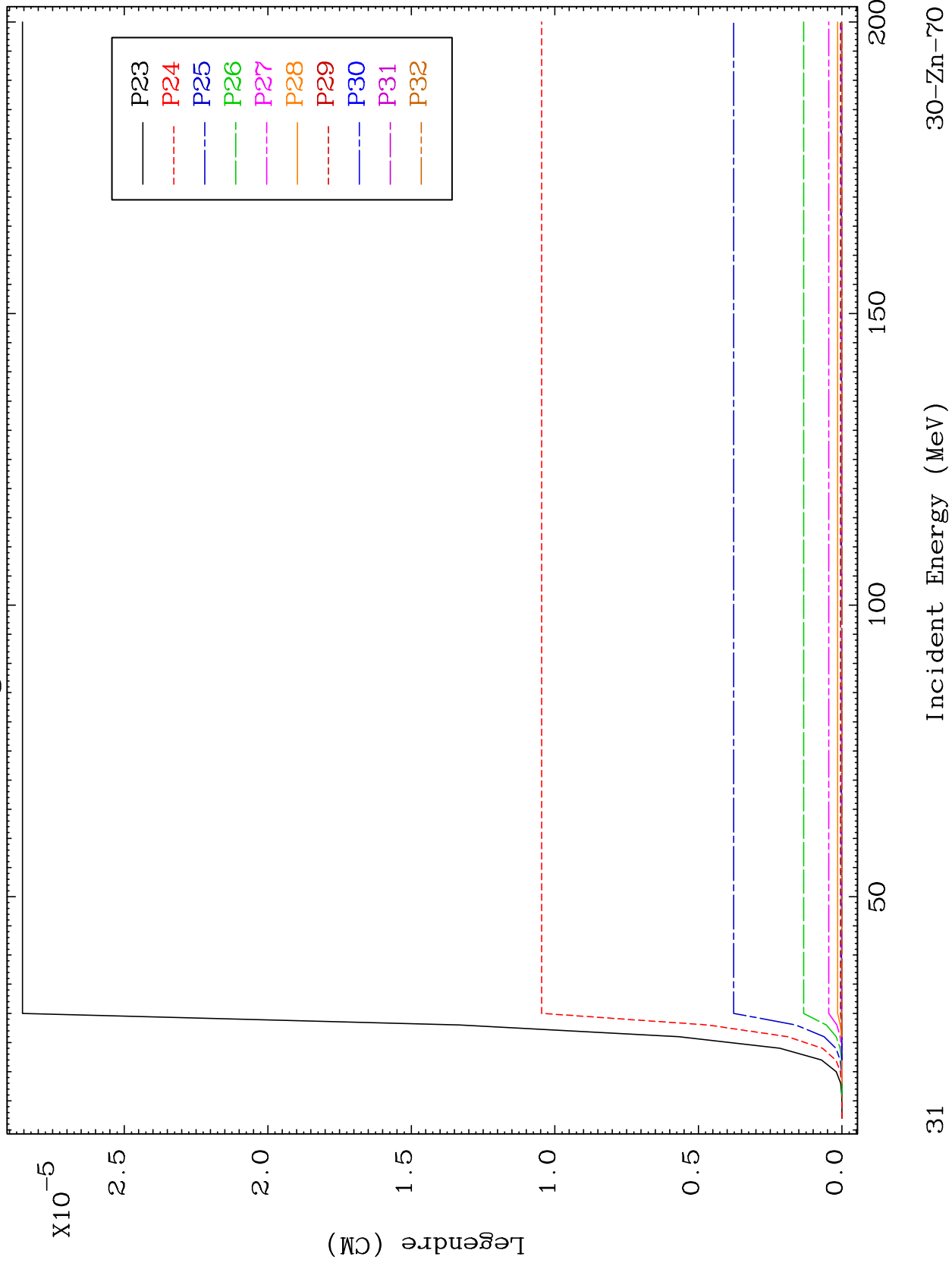




MAT 3043

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

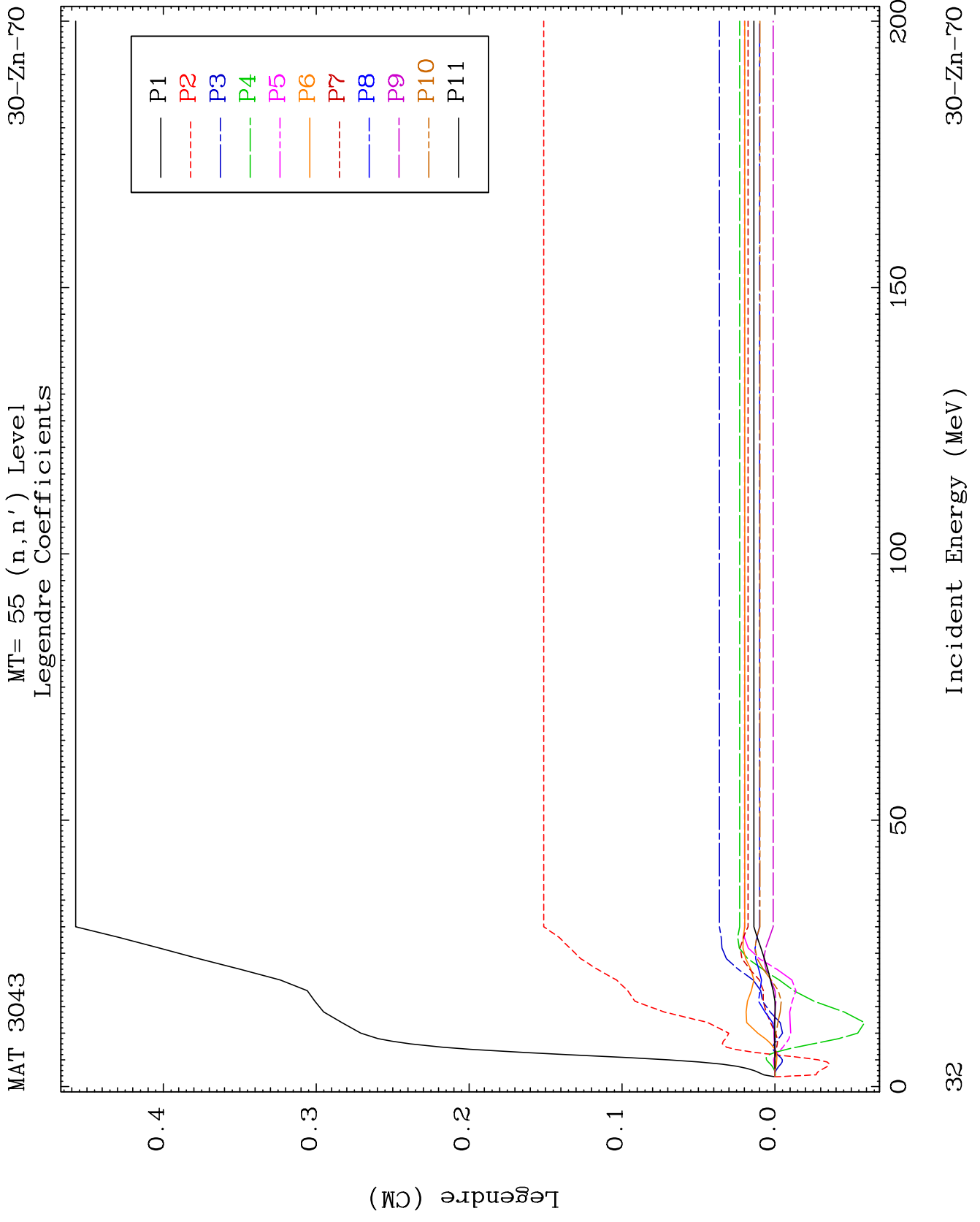
30-Zn-70



31

Incident Energy (MeV)

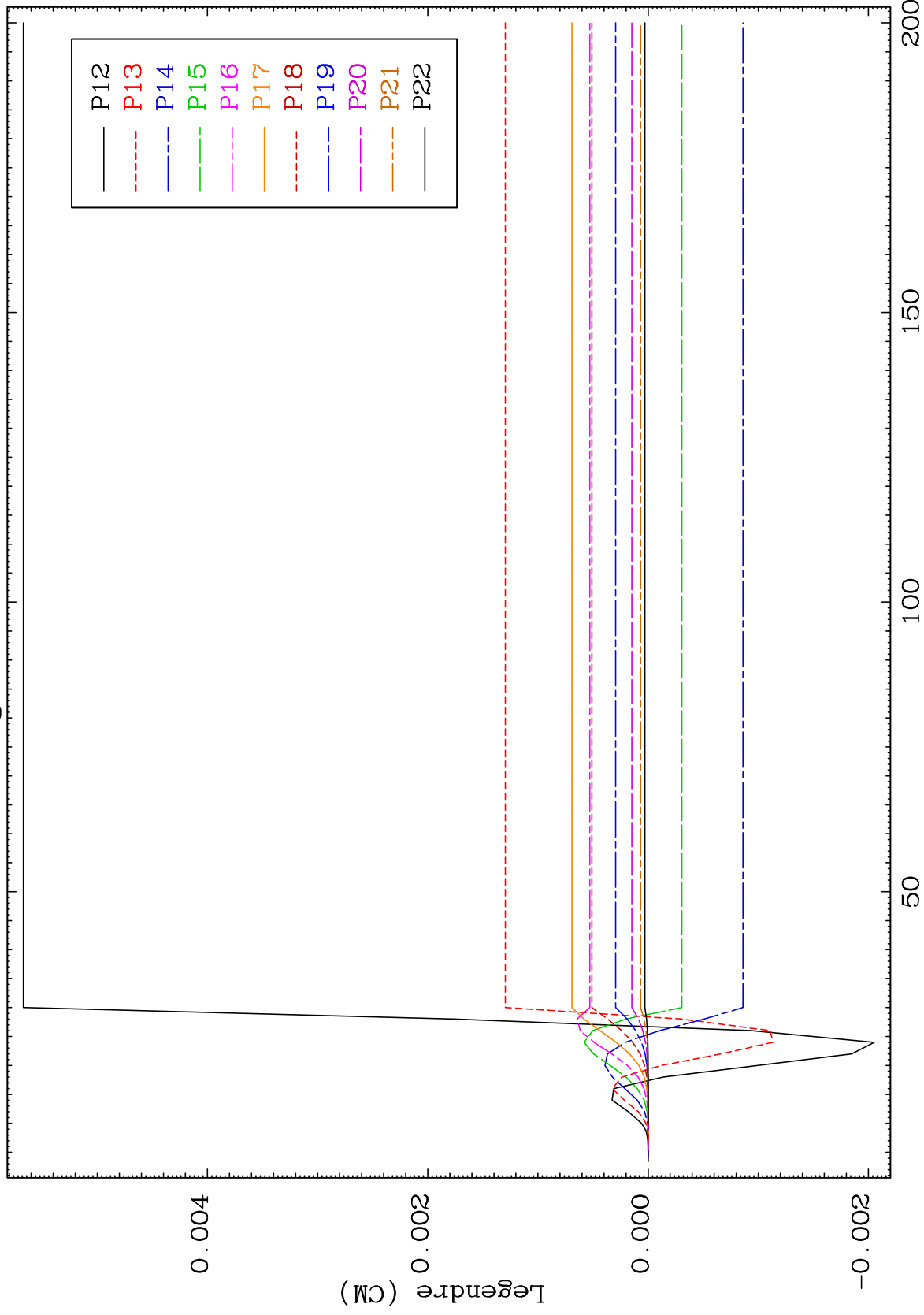
30-Zn-70



MAT 3043

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

30-Zn-70



33

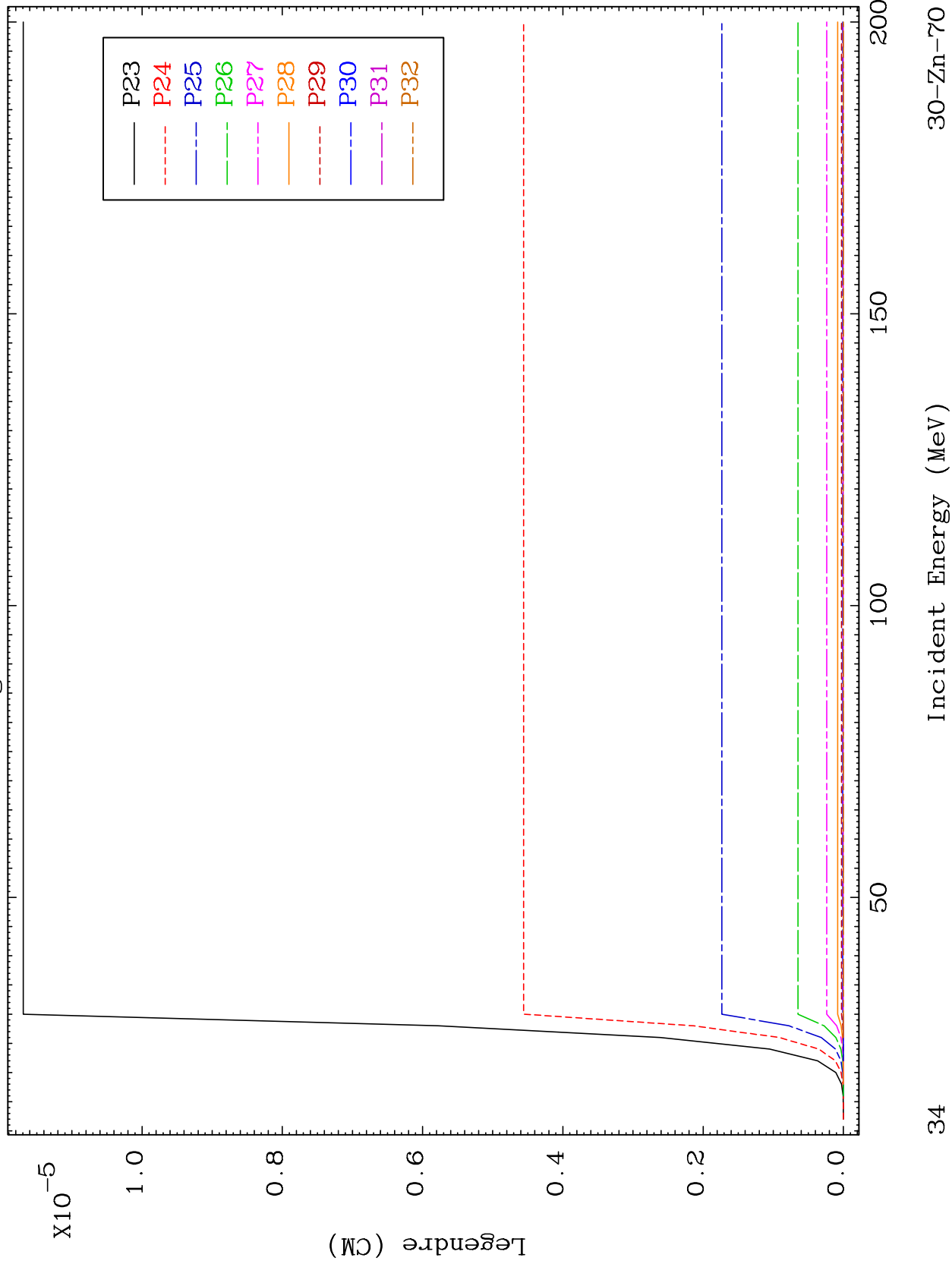
Incident Energy (MeV)

30-Zn-70

MAT 3043

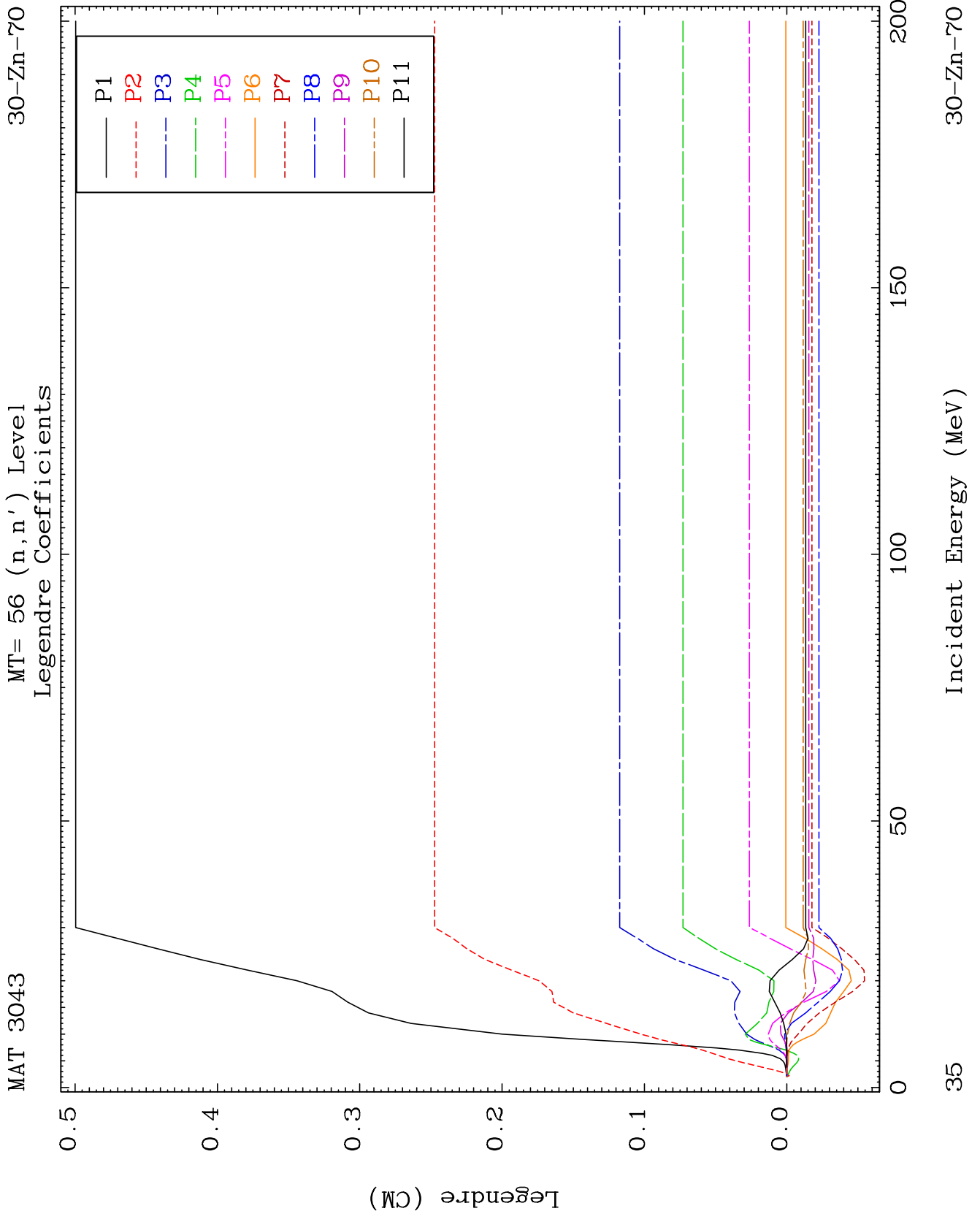
MT= 55 (n,n') Level
Legendre Coefficients

30-Zn-70



34

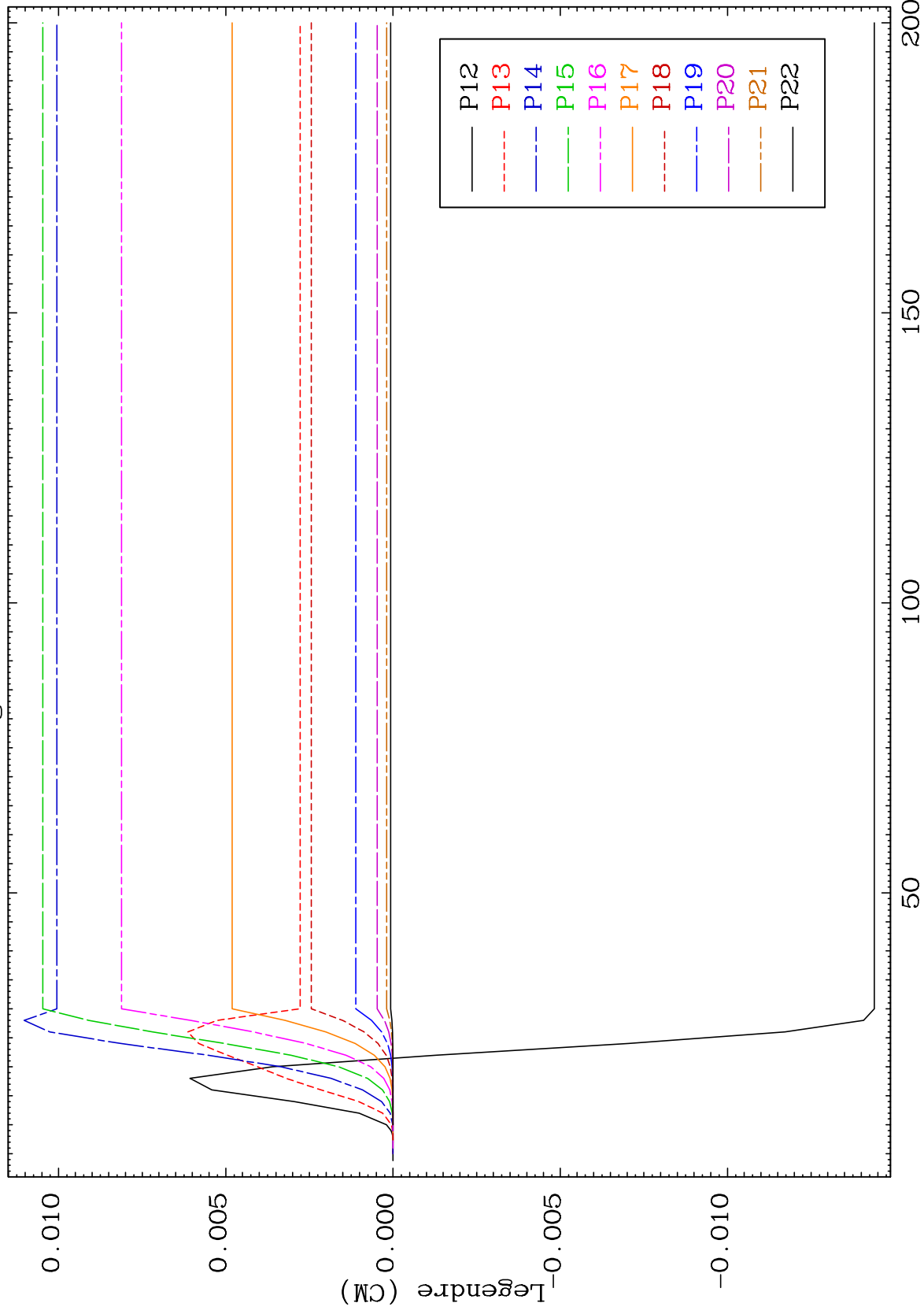
30-Zn-70



MAT 3043

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

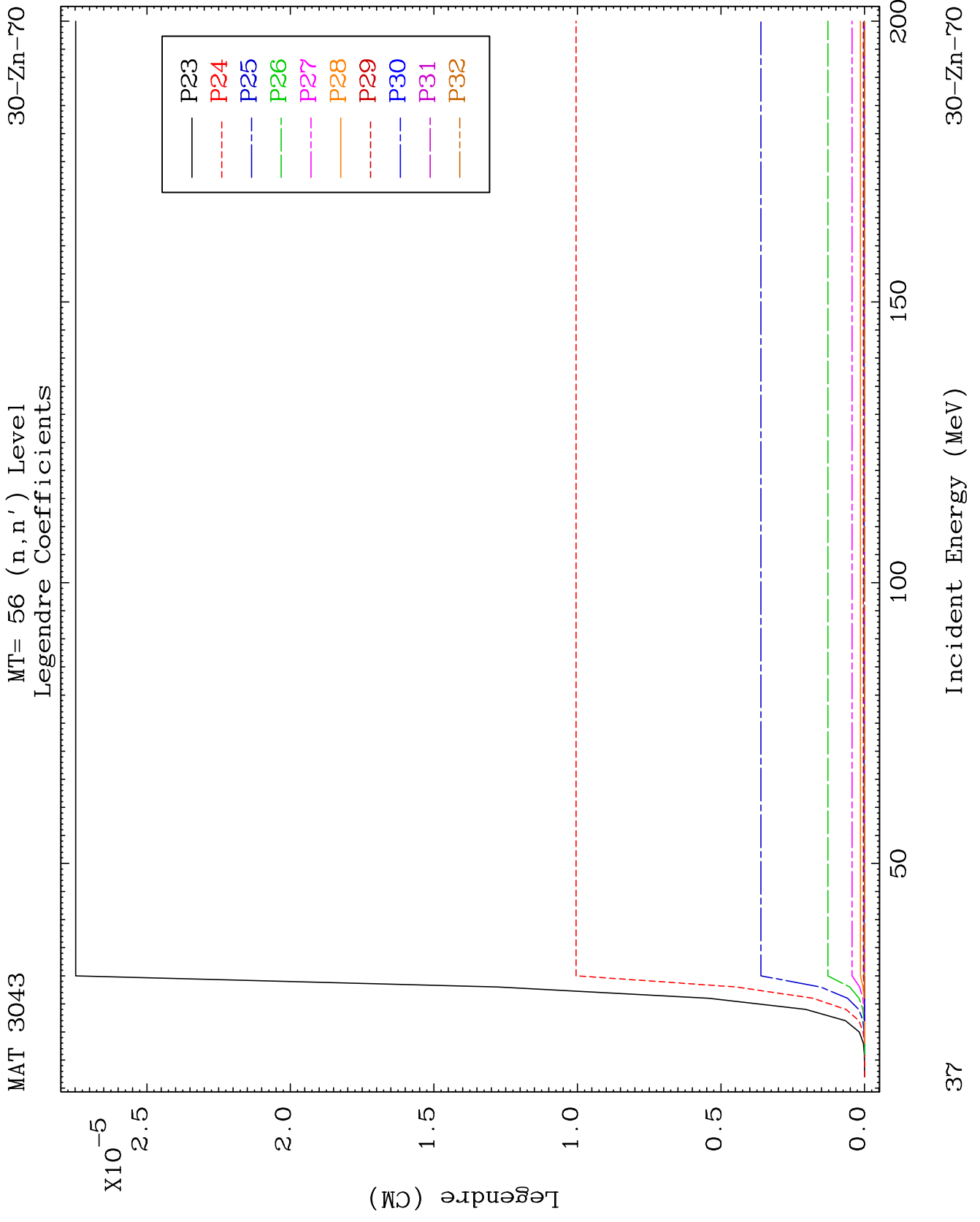
30-Zn-70

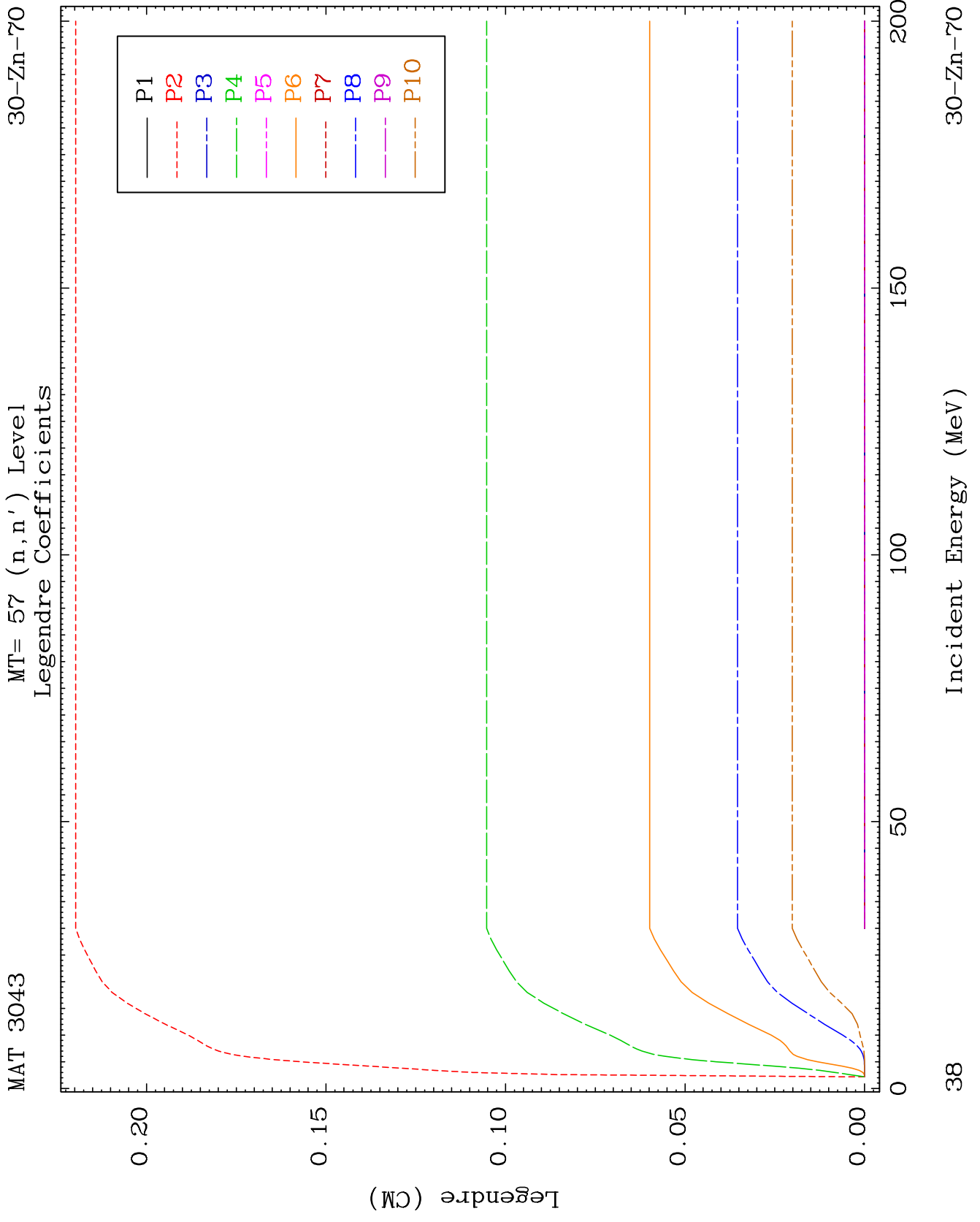


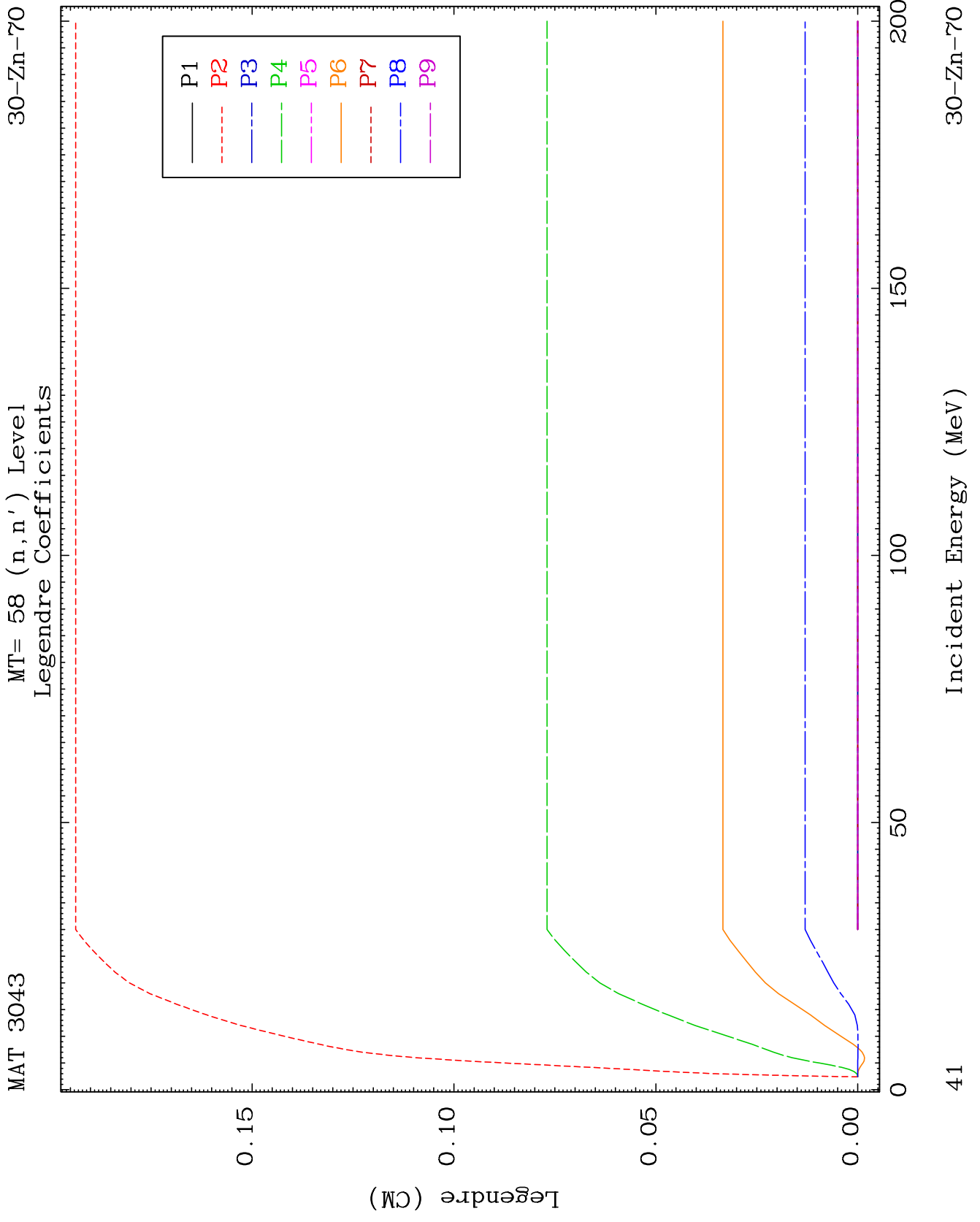
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Incident Energy (MeV)

30-Zn-70



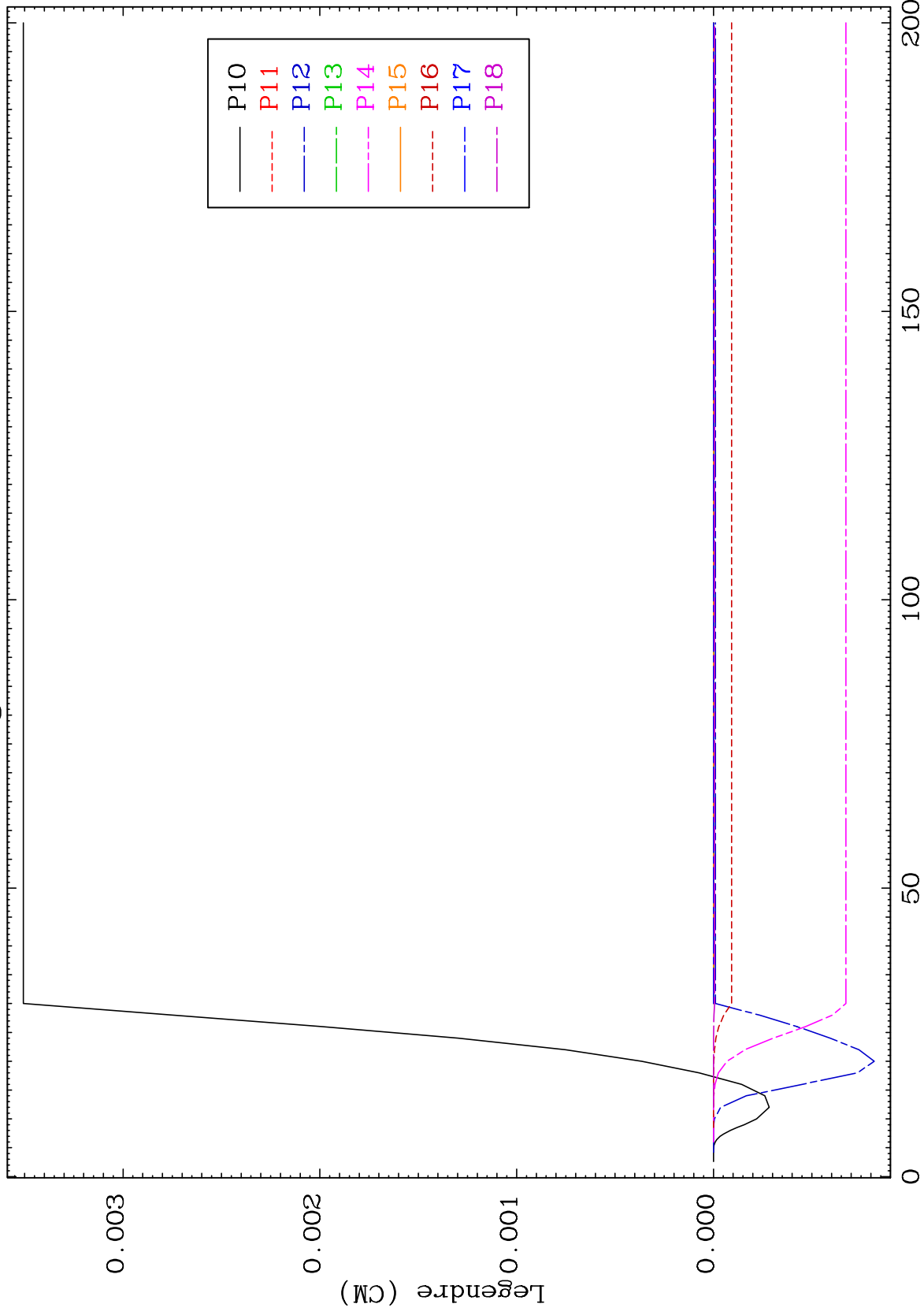




MAT 3043

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

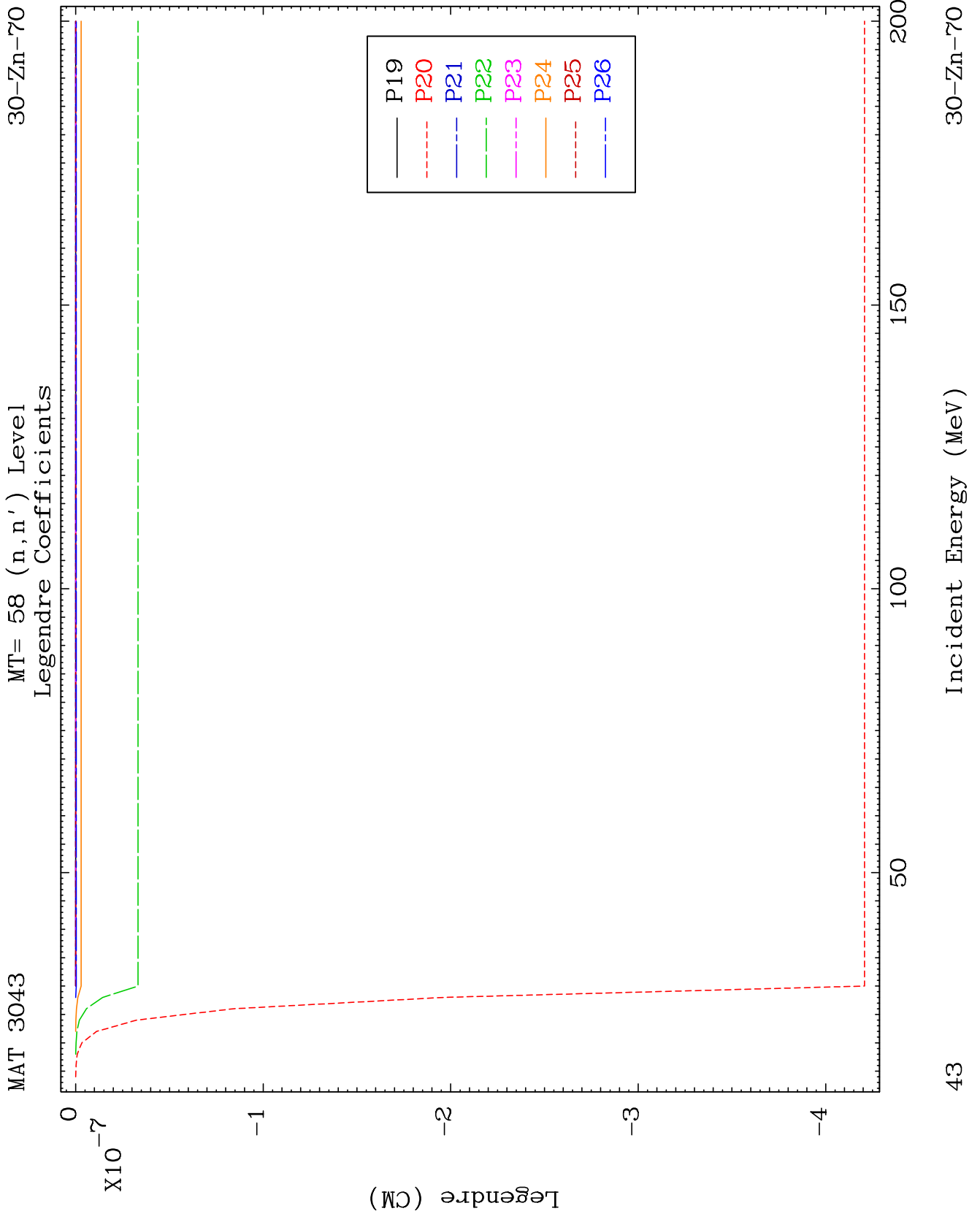
30-Zn-70

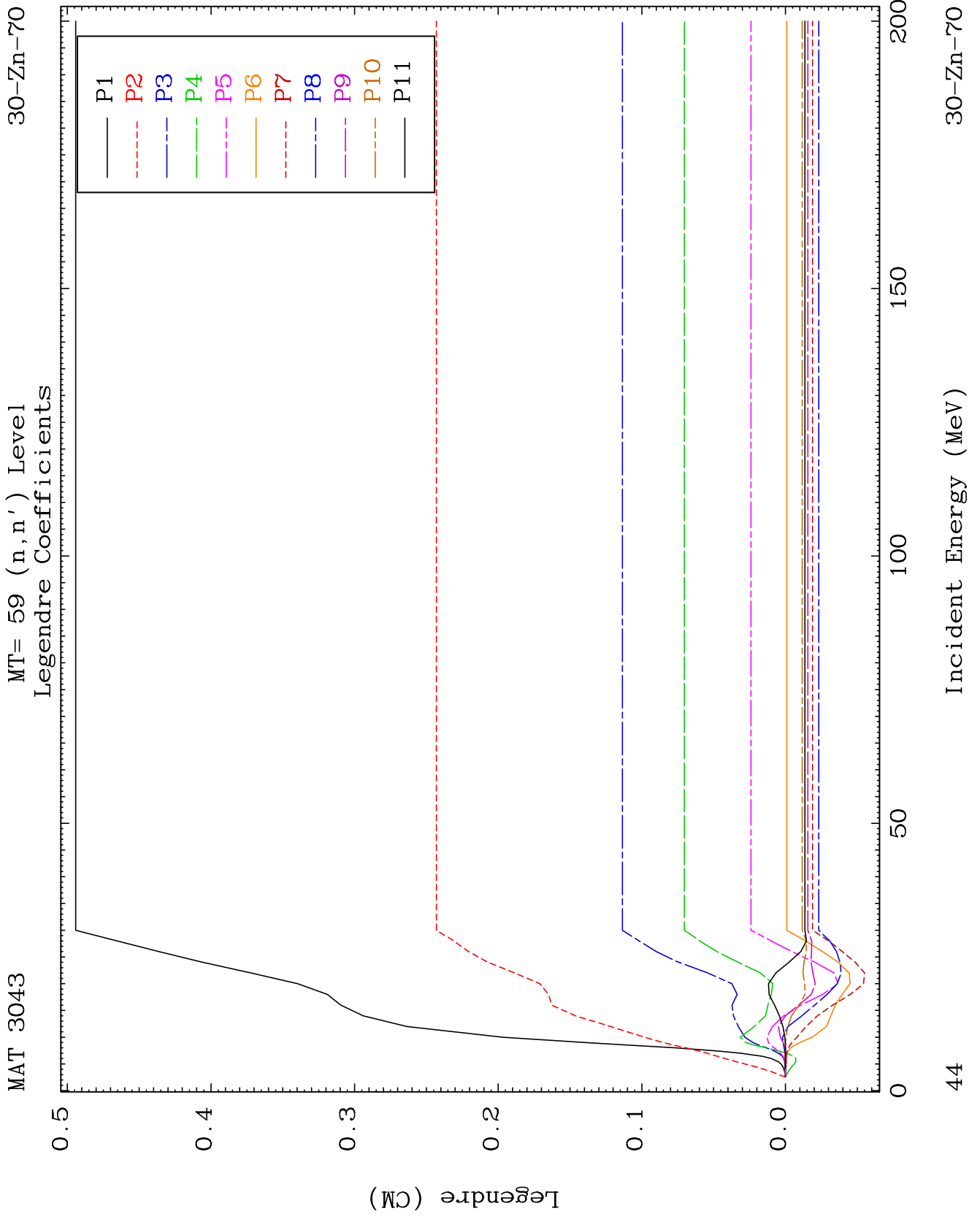


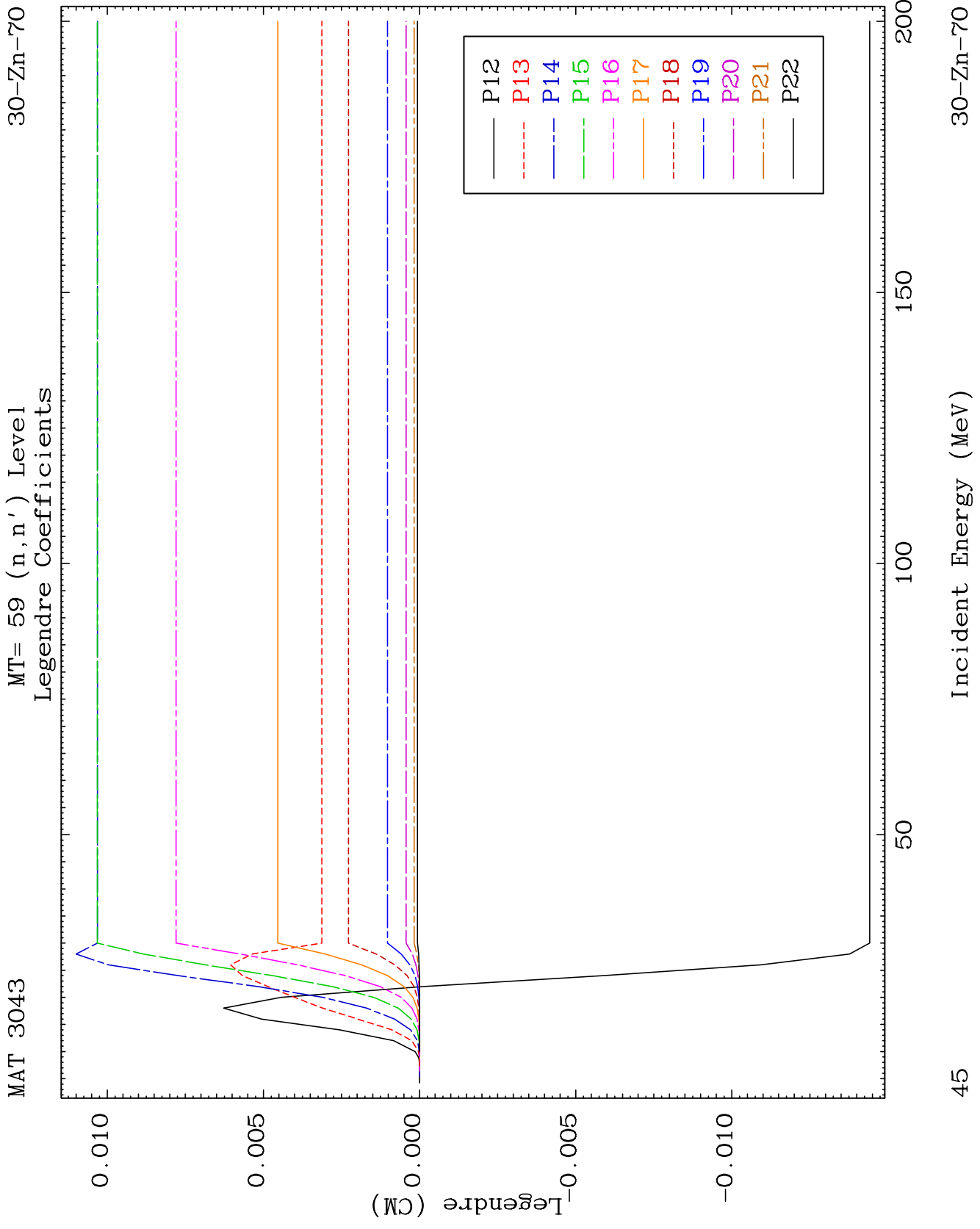
42

Incident Energy (MeV)

30-Zn-70



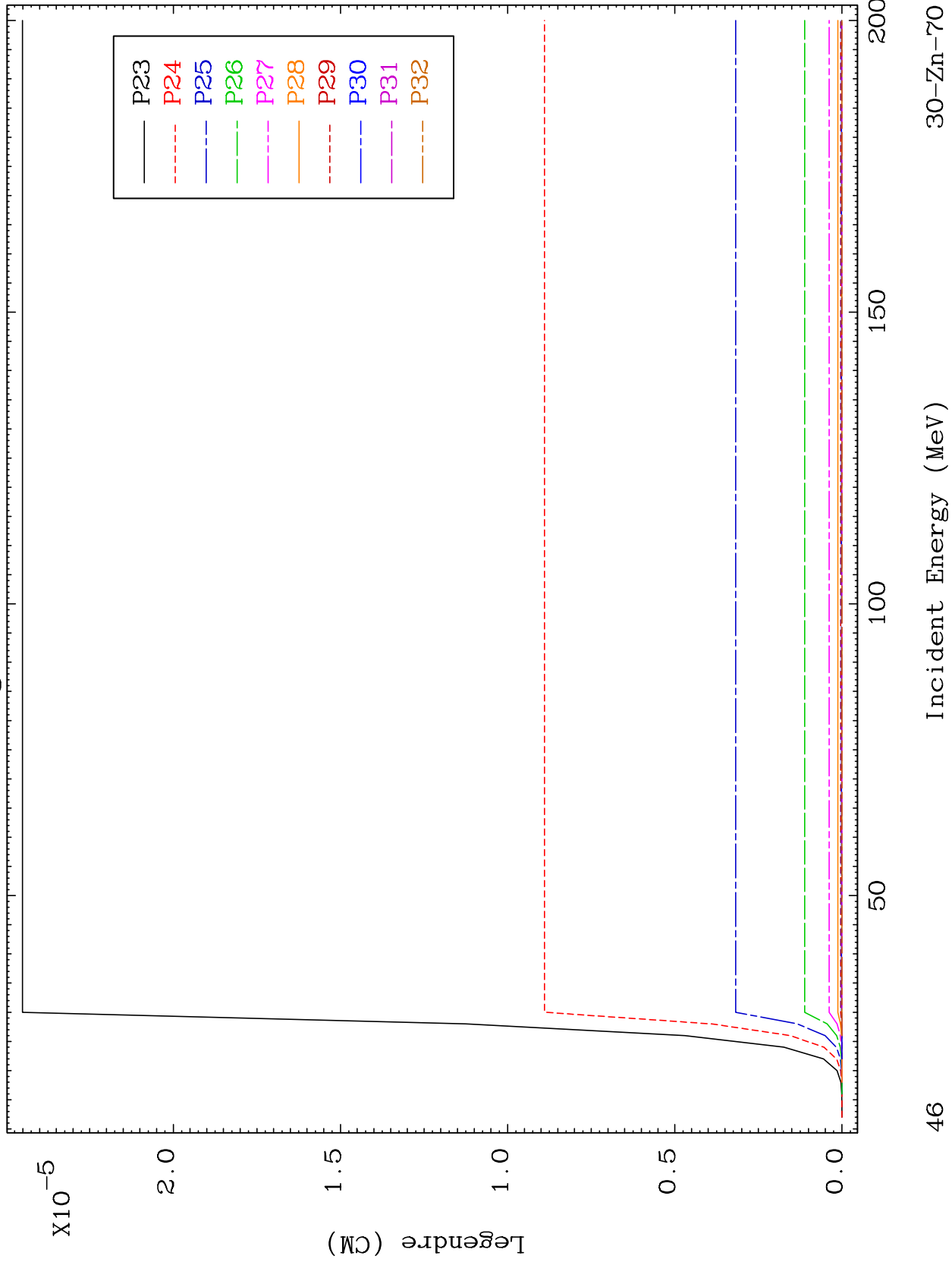




MAT 3043

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

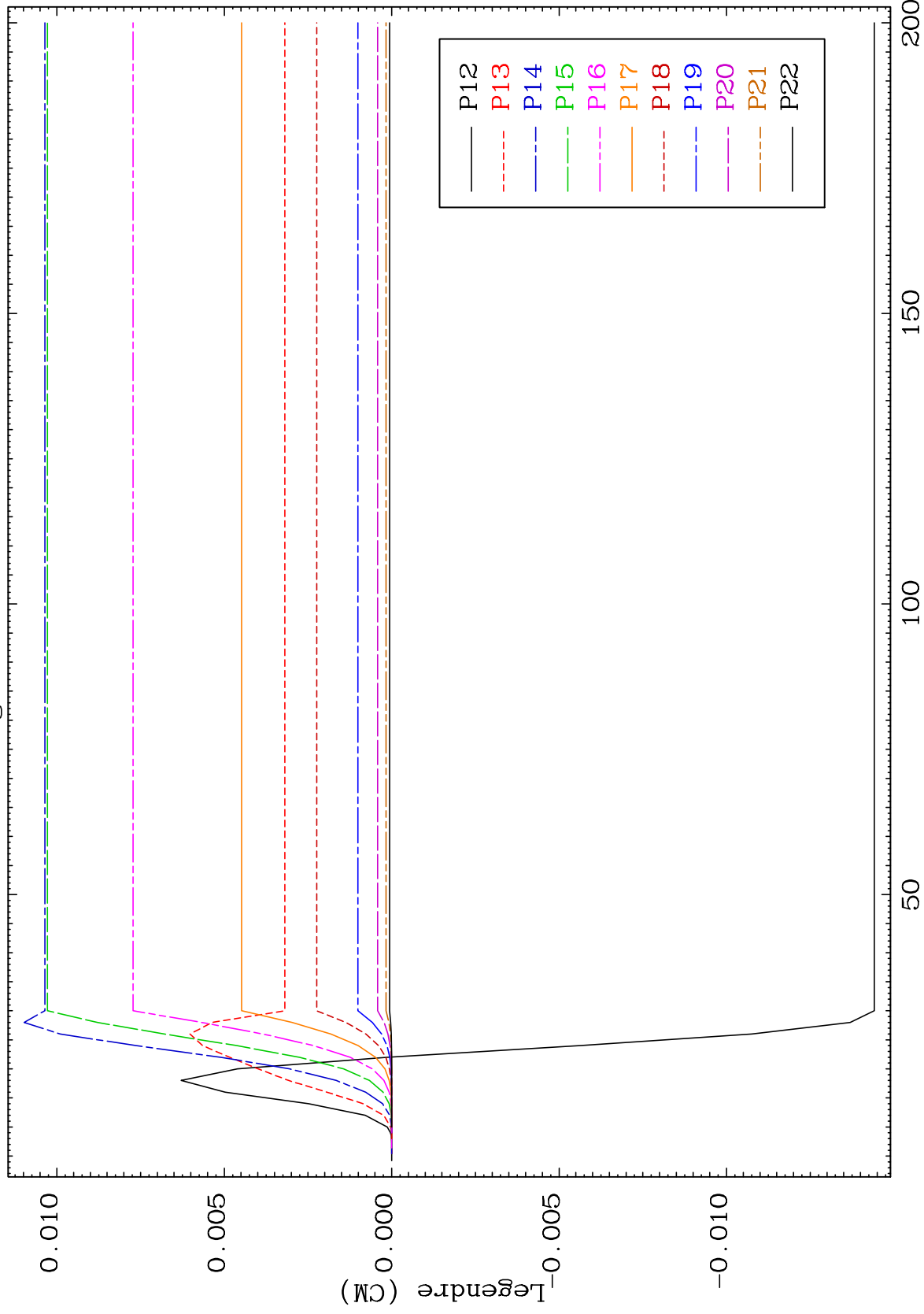
30-Zn-70



MAT 3043

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

30-Zn-70



48

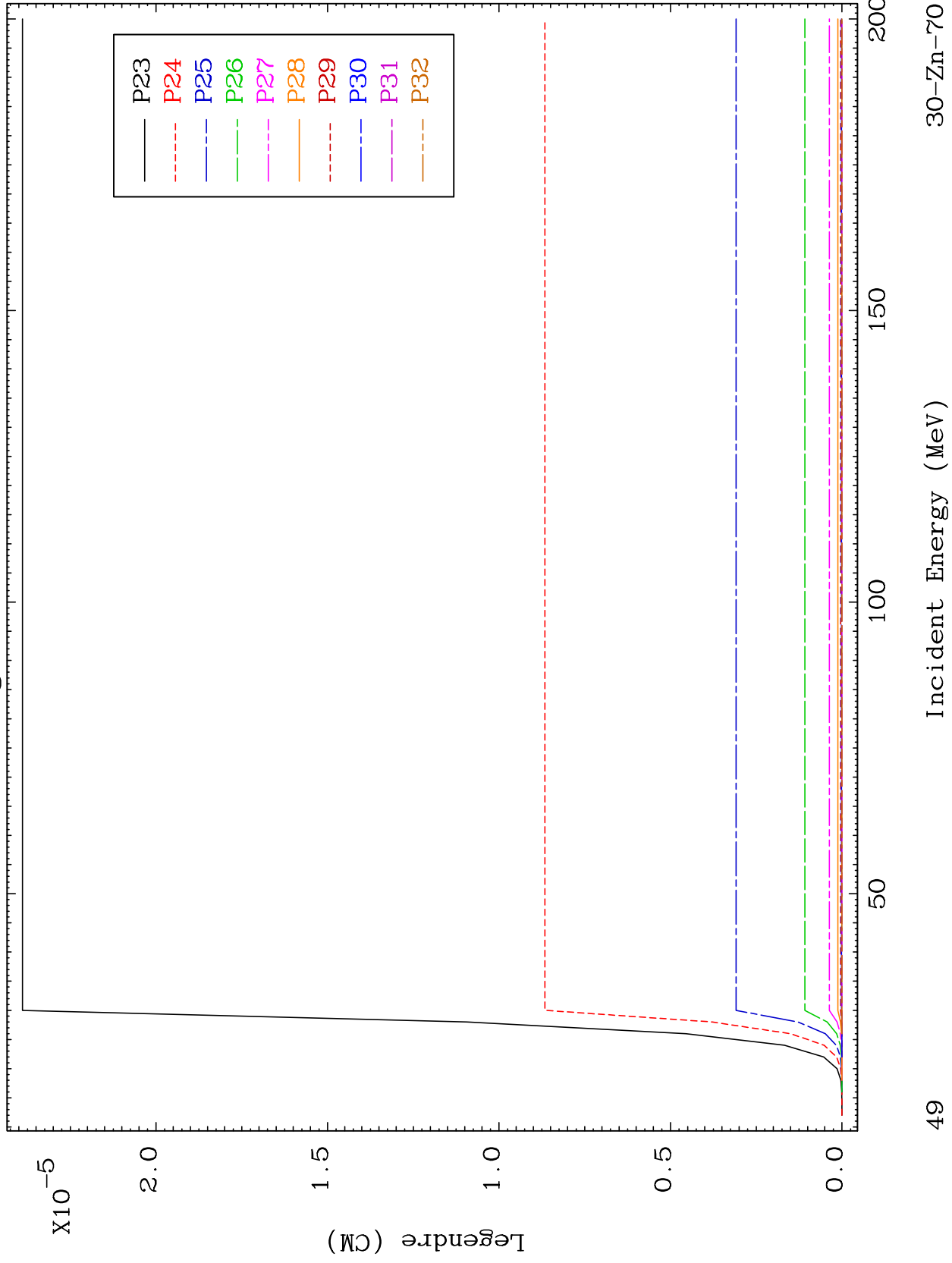
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

30-Zn-70



49

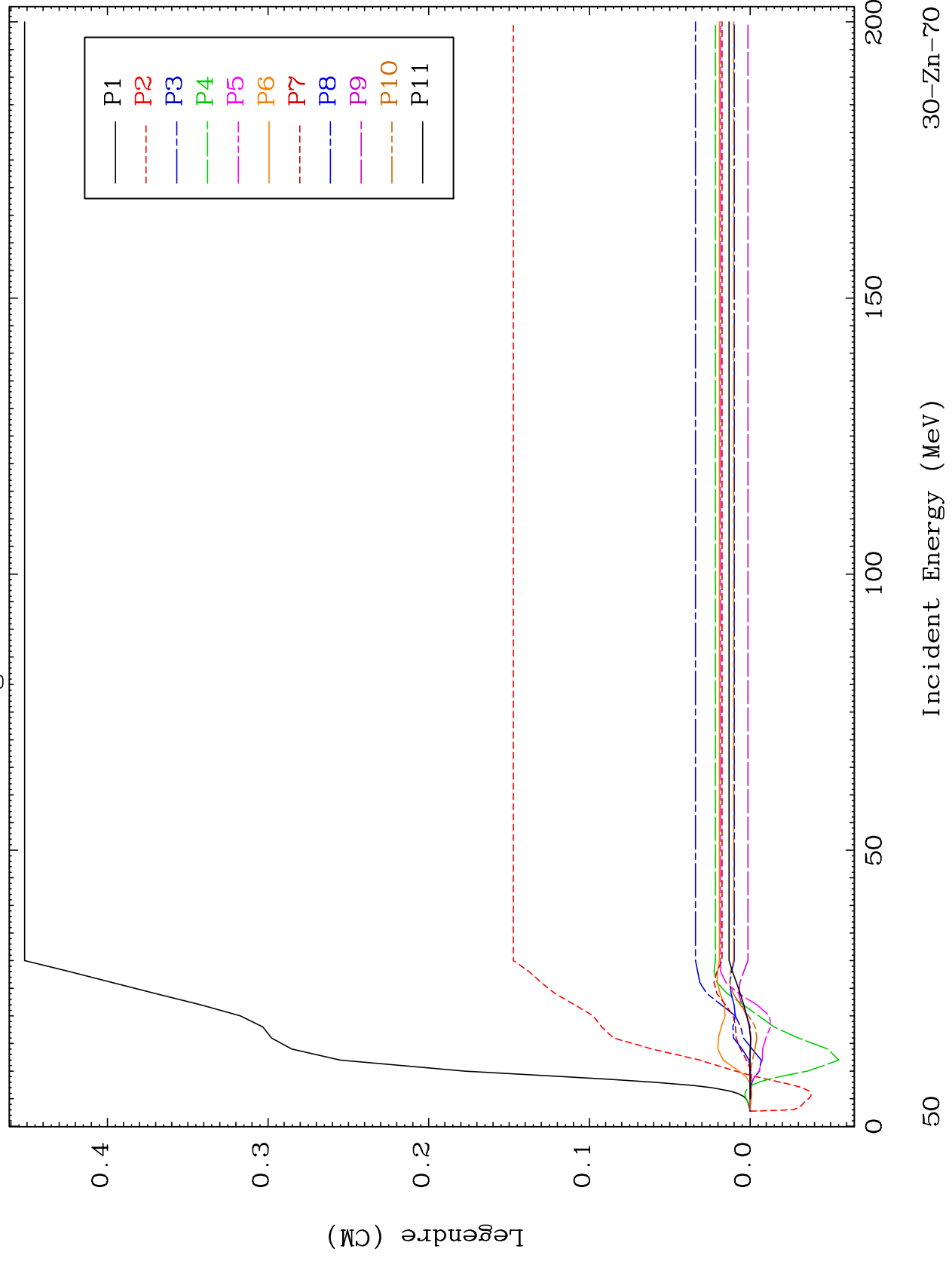
Incident Energy (MeV)

30-Zn-70

MAT 3043

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

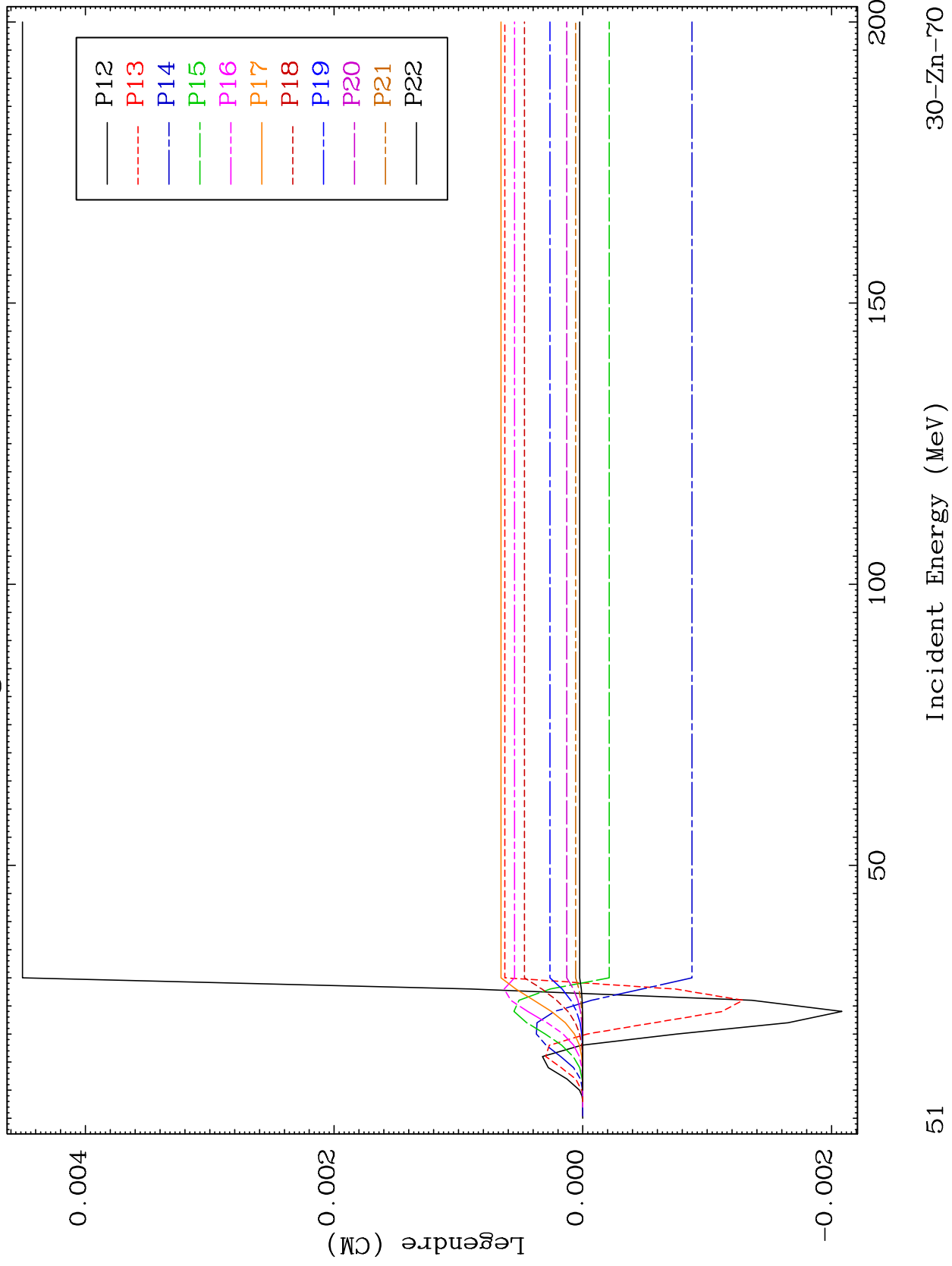
30-Zn-70



MAT 3043

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

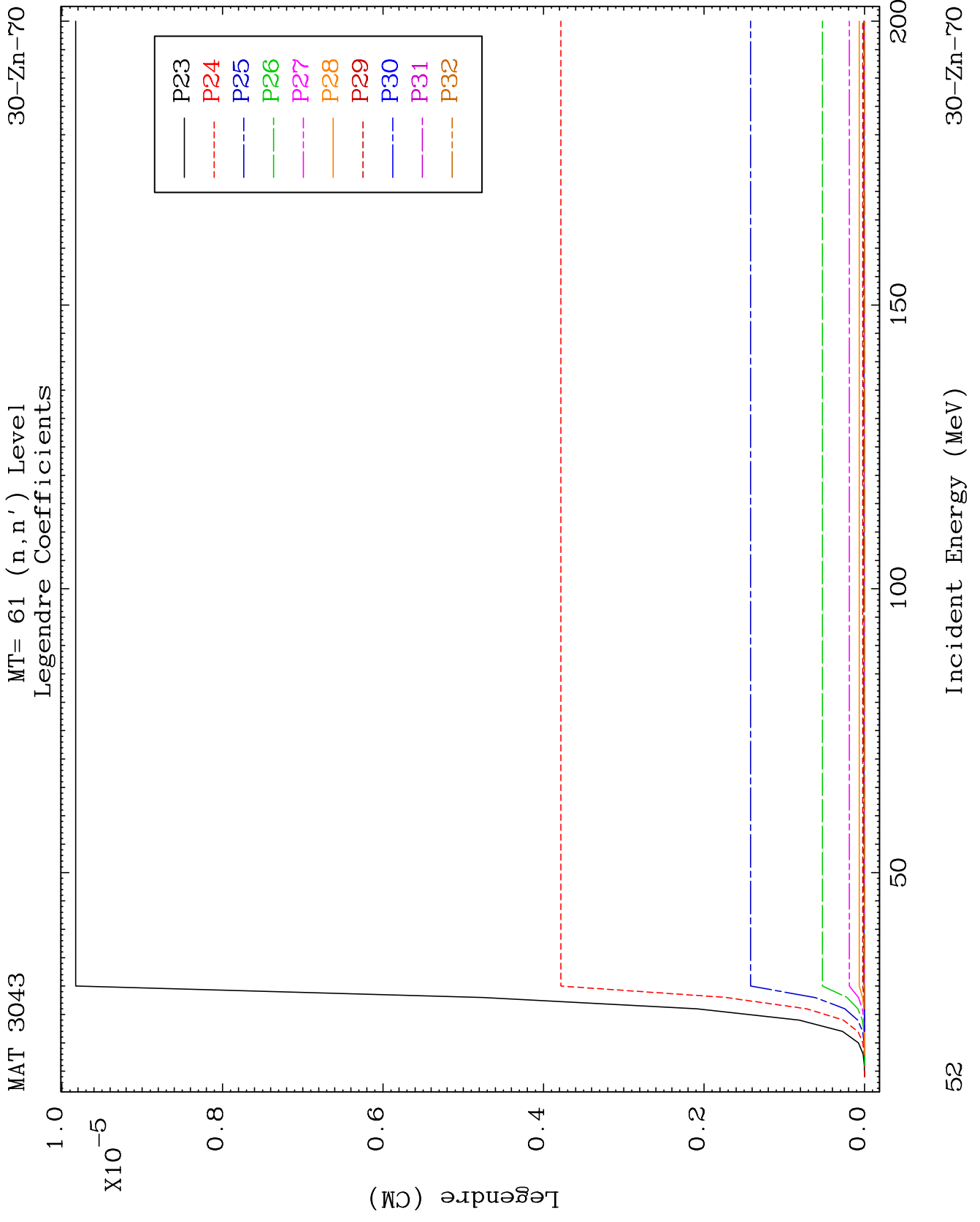
30-Zn-70



51

Incident Energy (MeV)

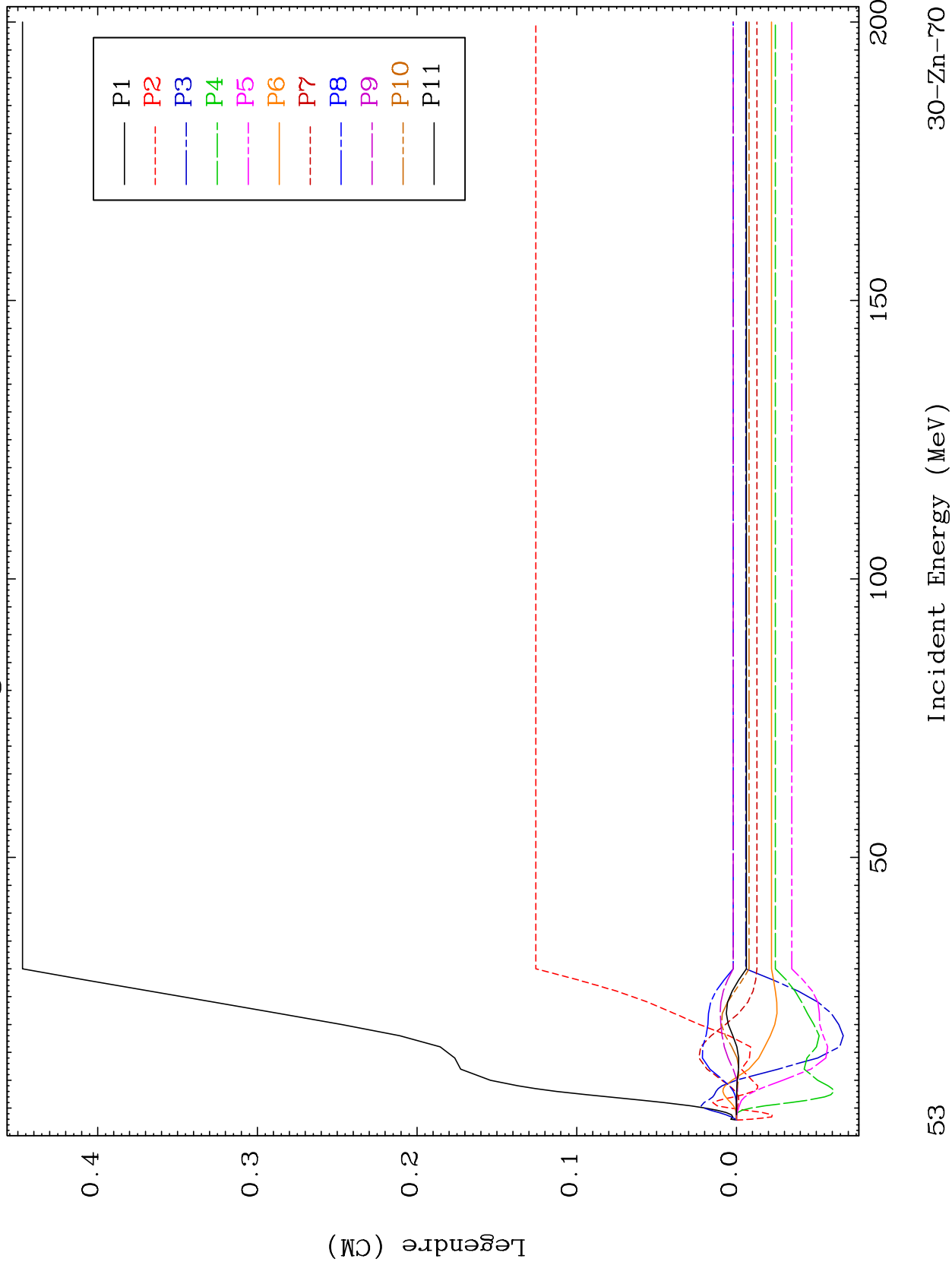
30-Zn-70



MAT 3043

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

30-Zn-70



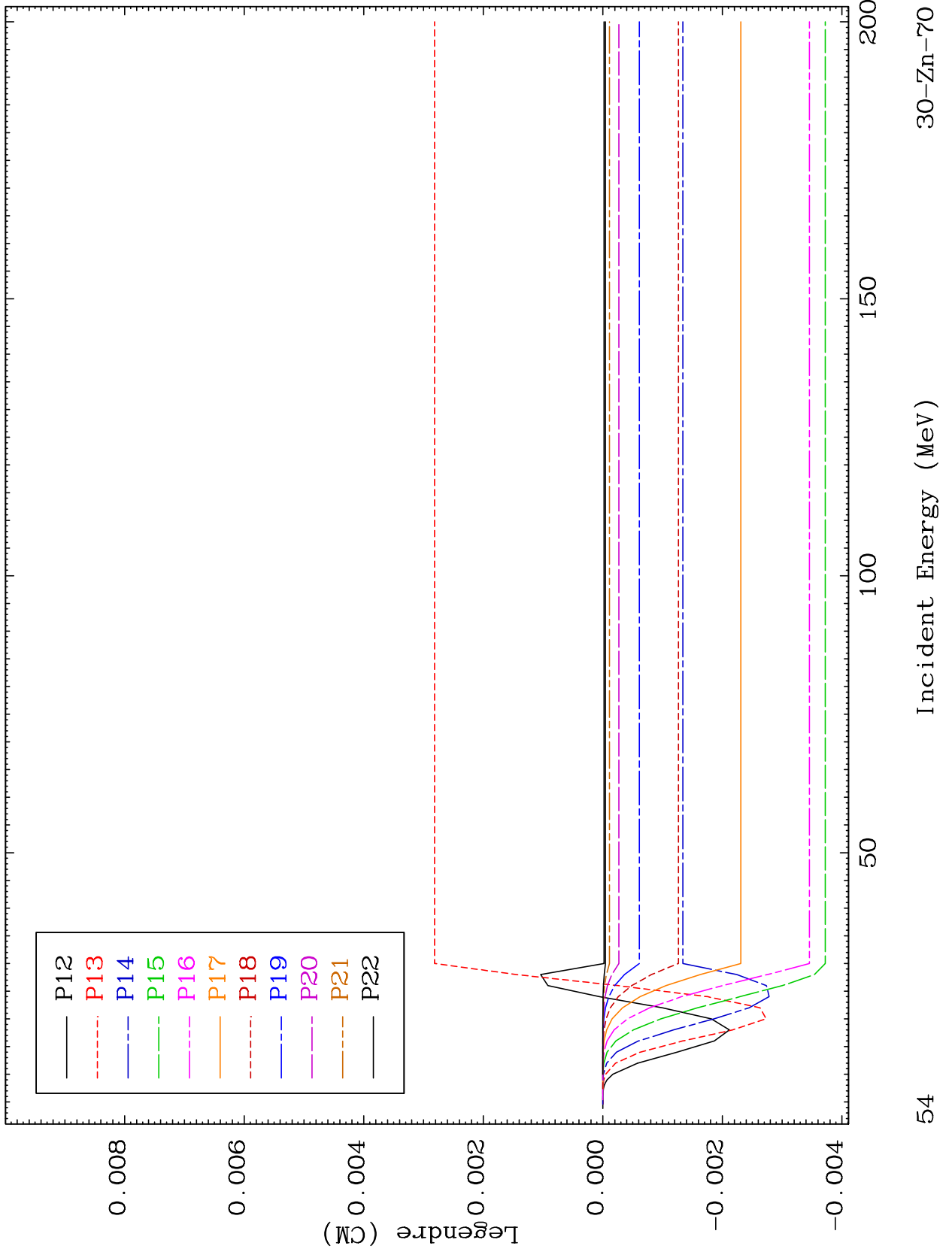
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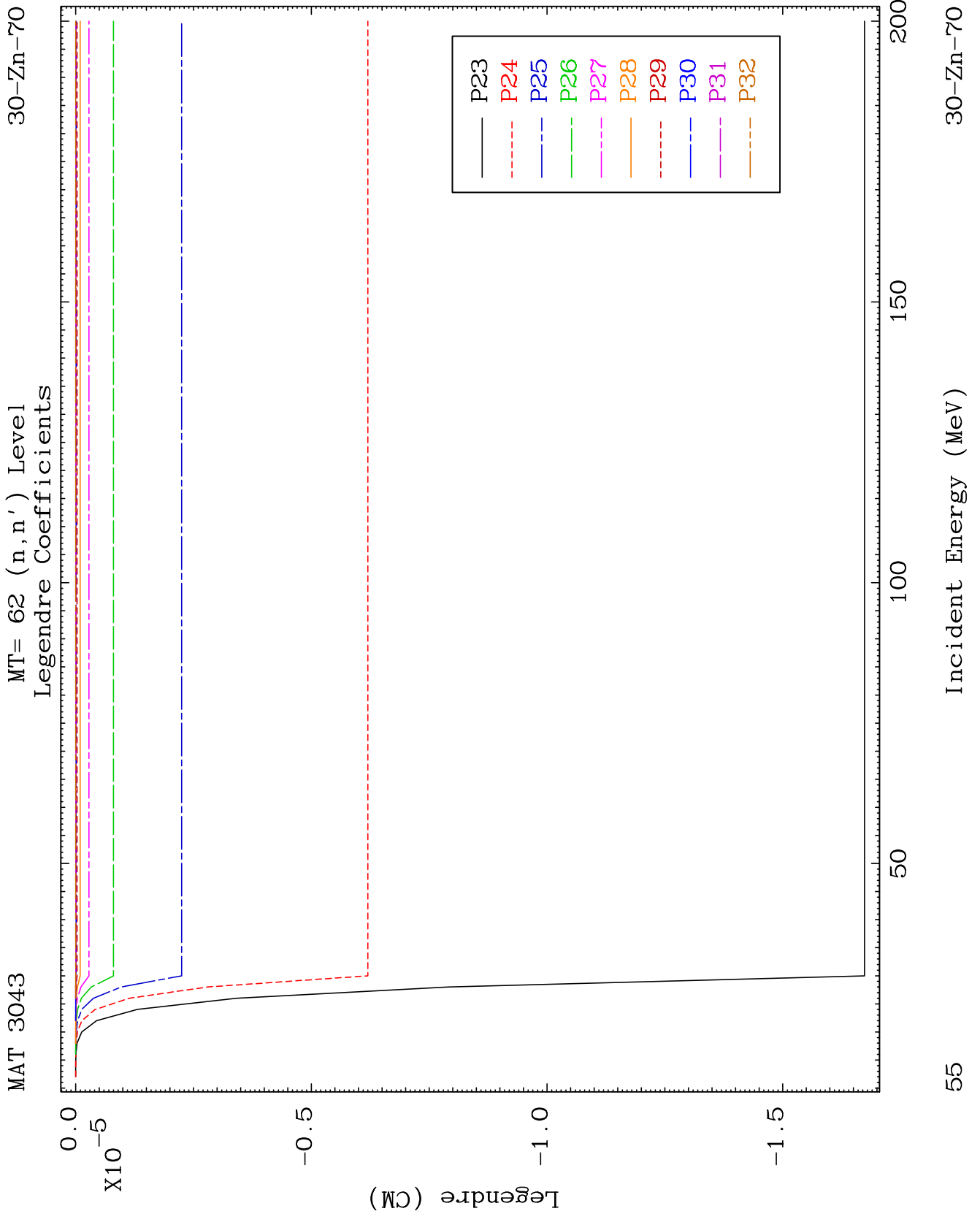
30-Zn-70

MAT 3043

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

30-Zn-70

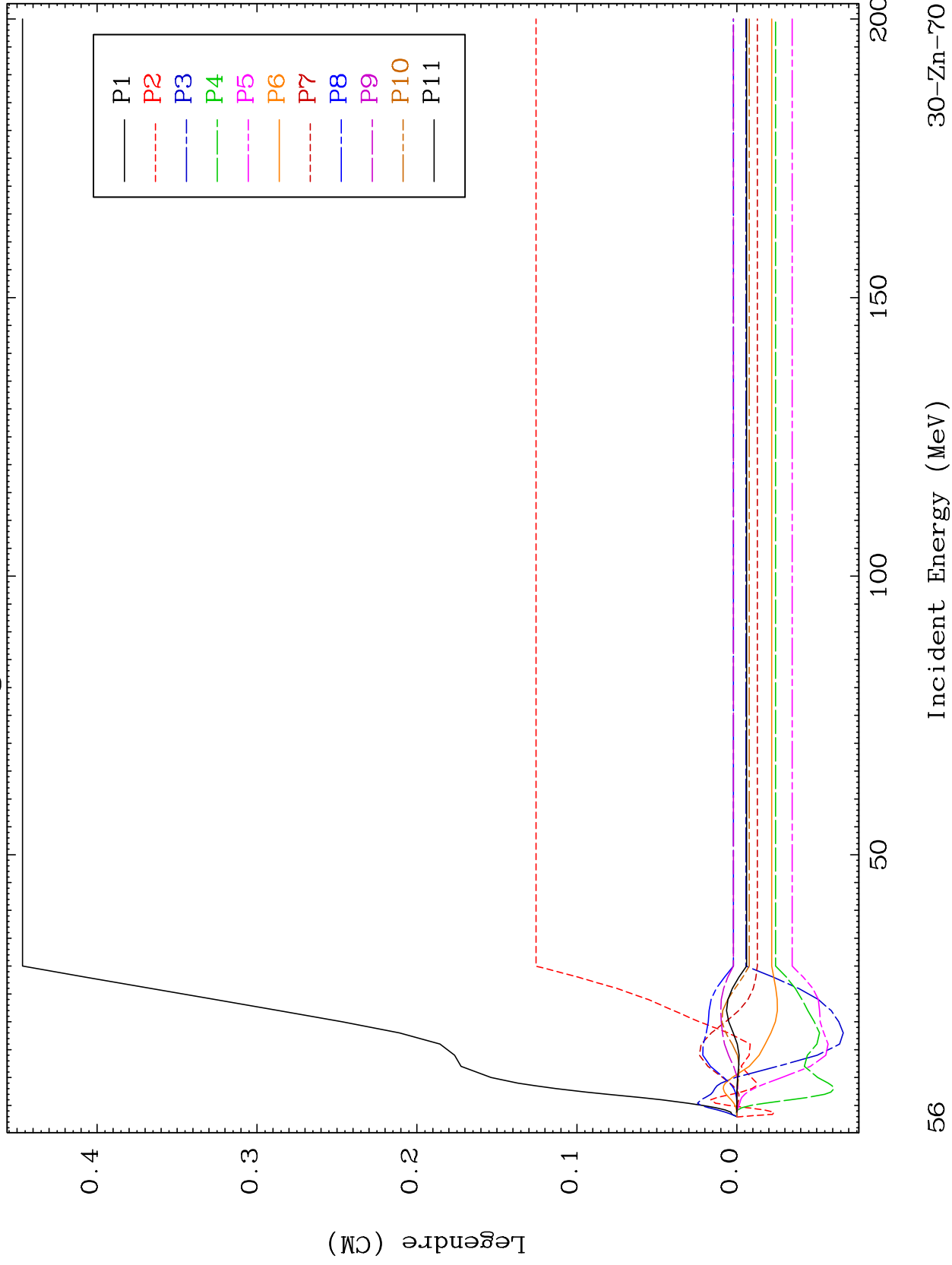




MAT 3043

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

30-Zn-70



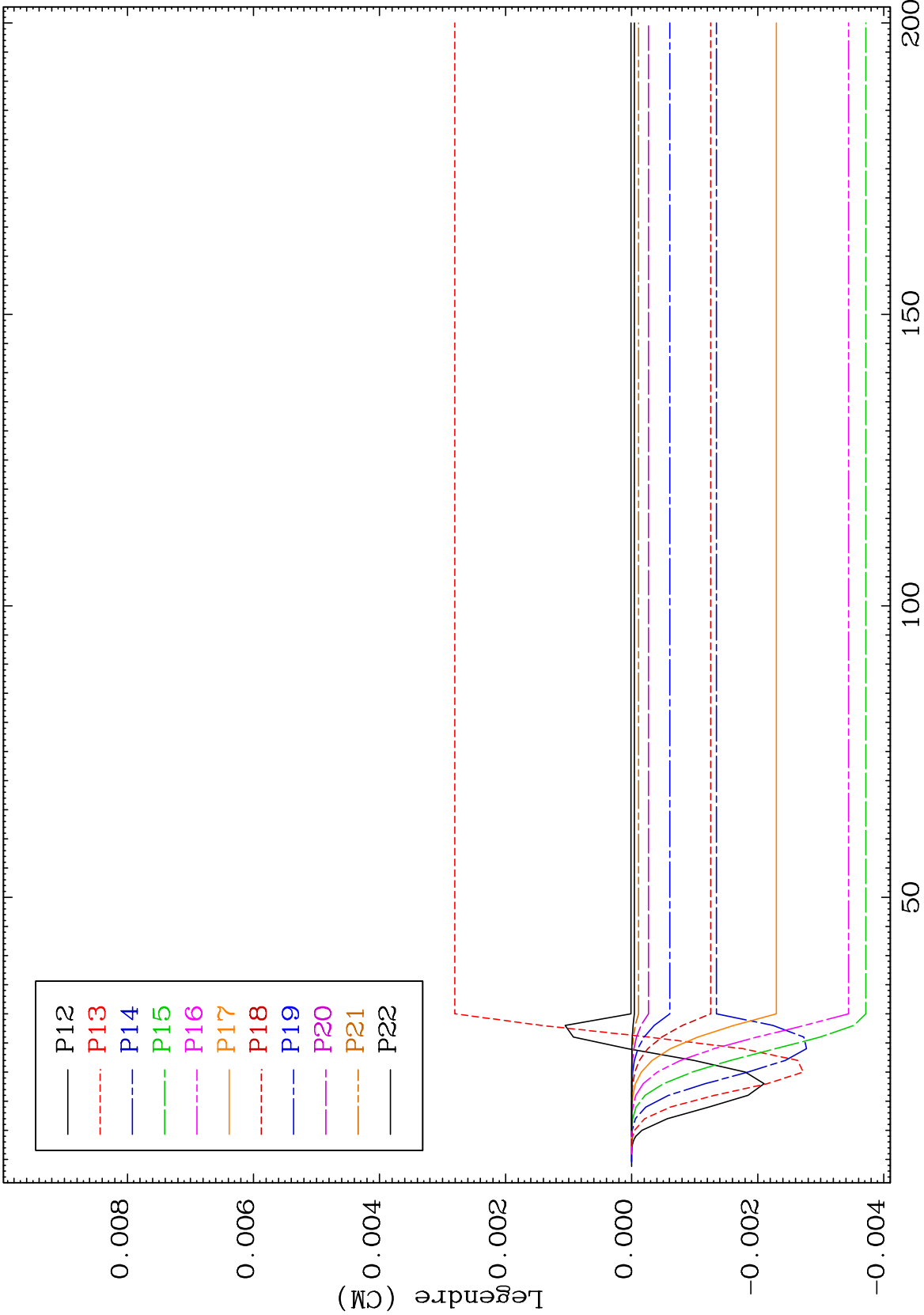
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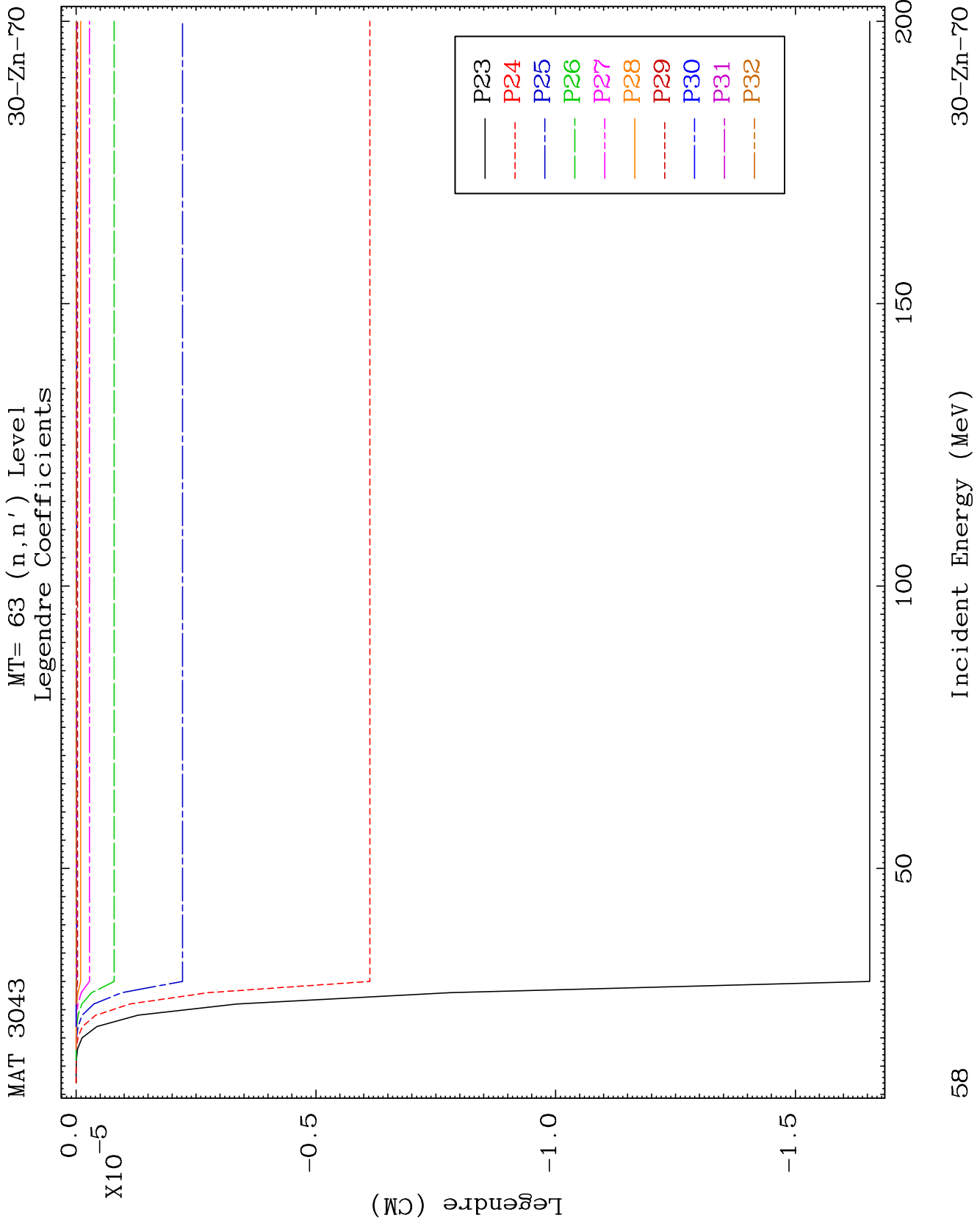
30-Zn-70

MAT 3043

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

30-Zn-70

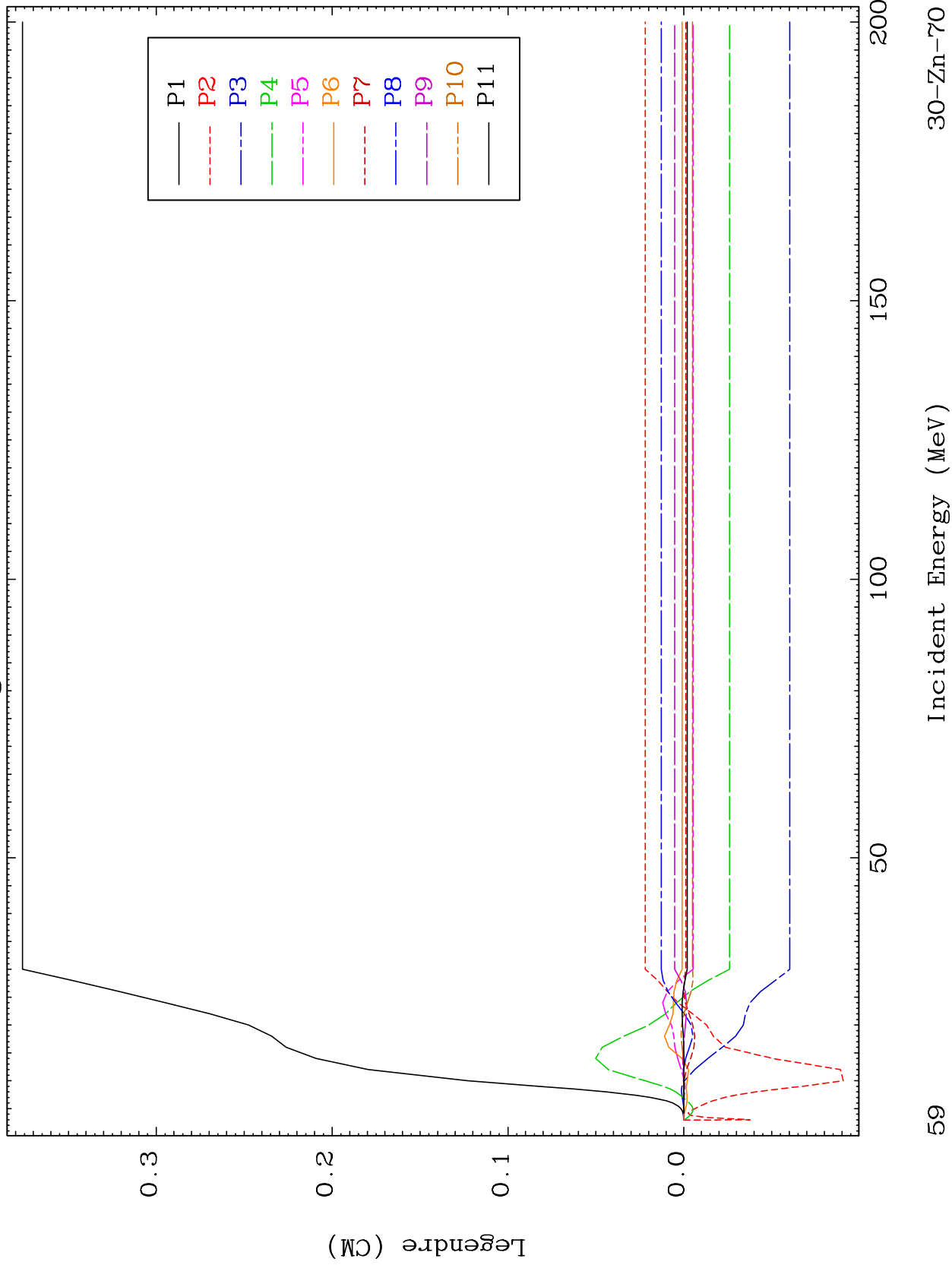




MAT 3043

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

30-Zn-70



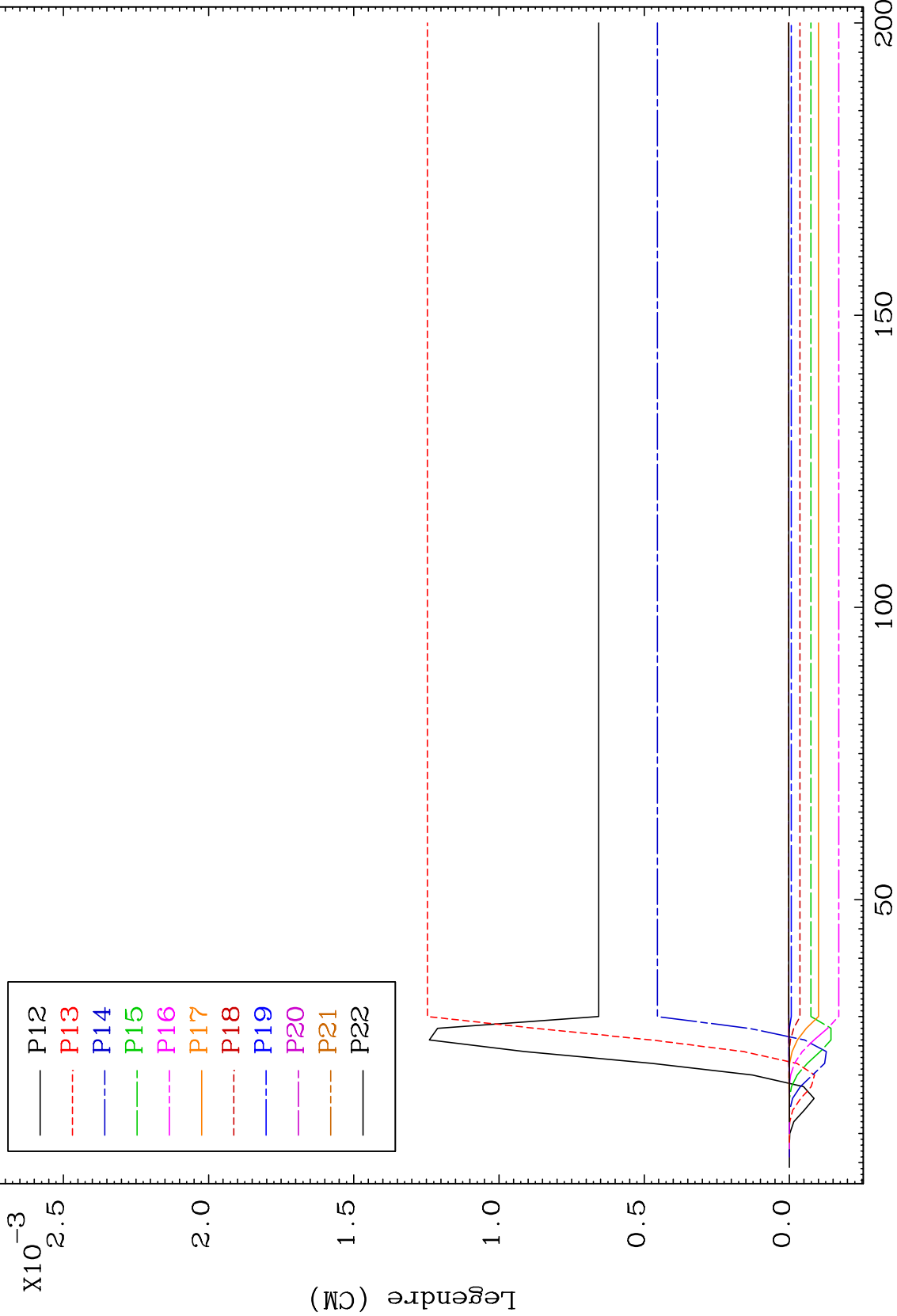
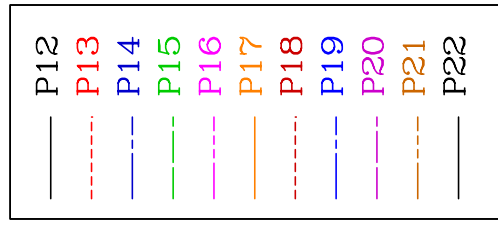
59

30-Zn-70

MAT 3043

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

30-Zn-70



60

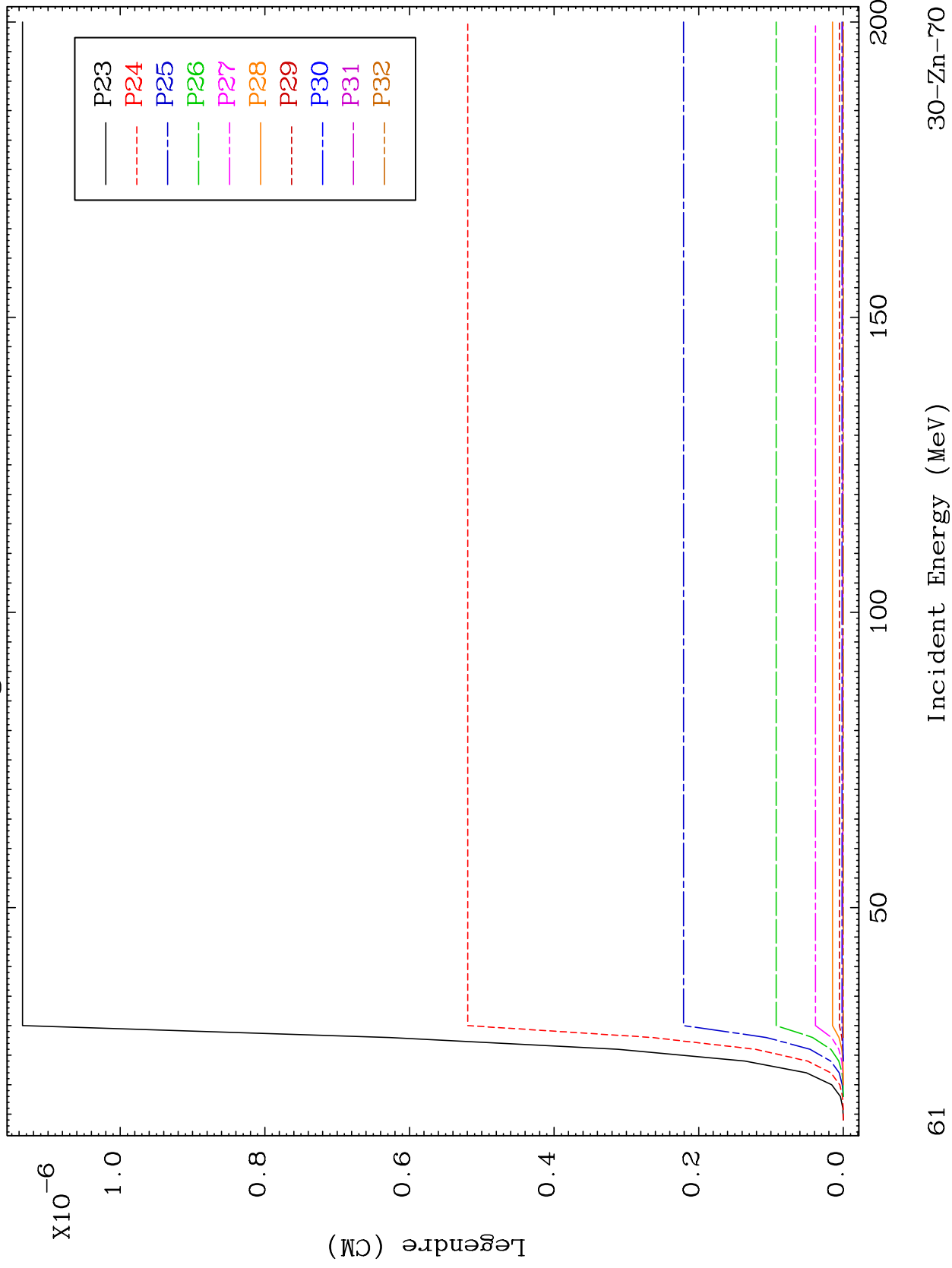
Incident Energy (MeV)

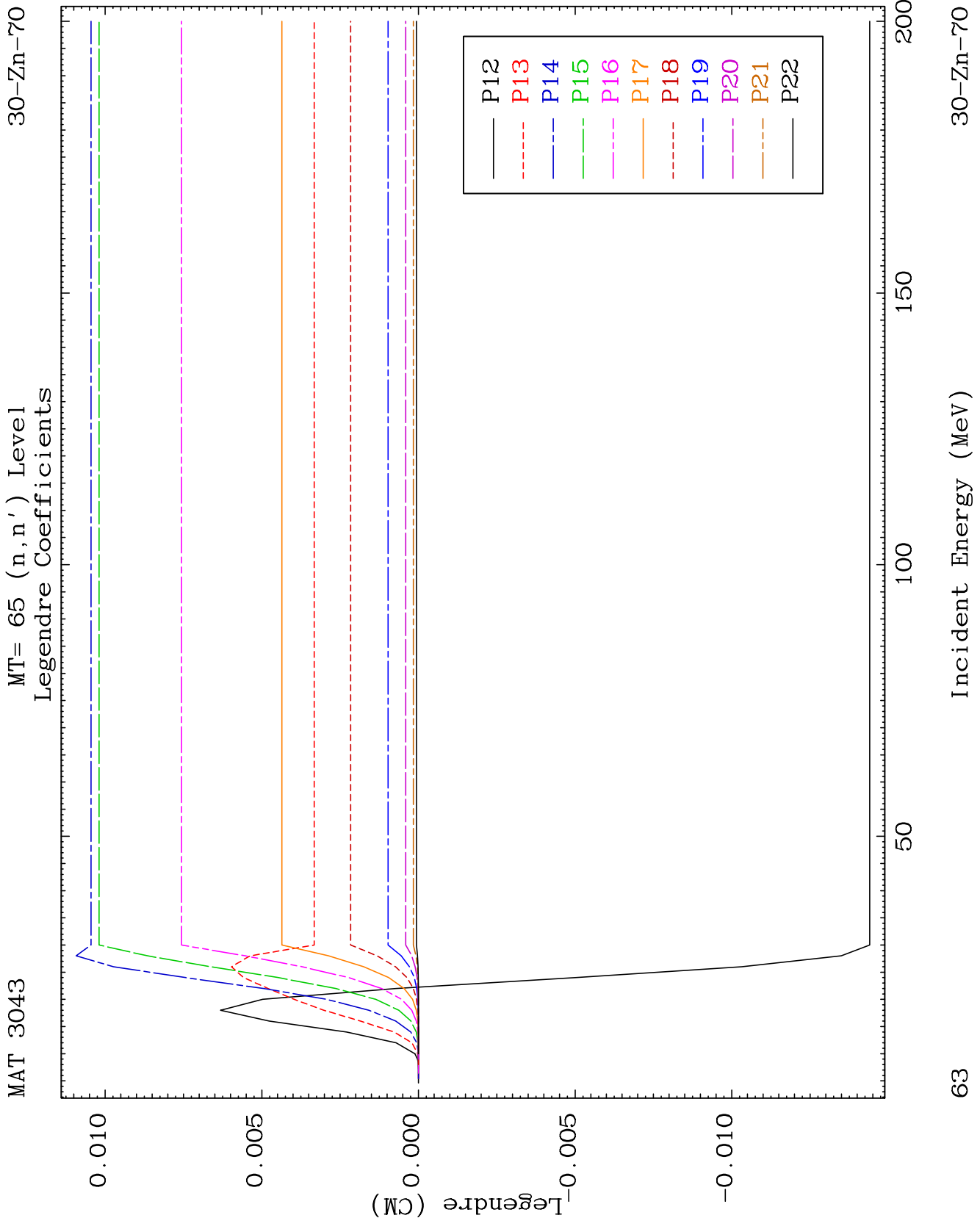
30-Zn-70

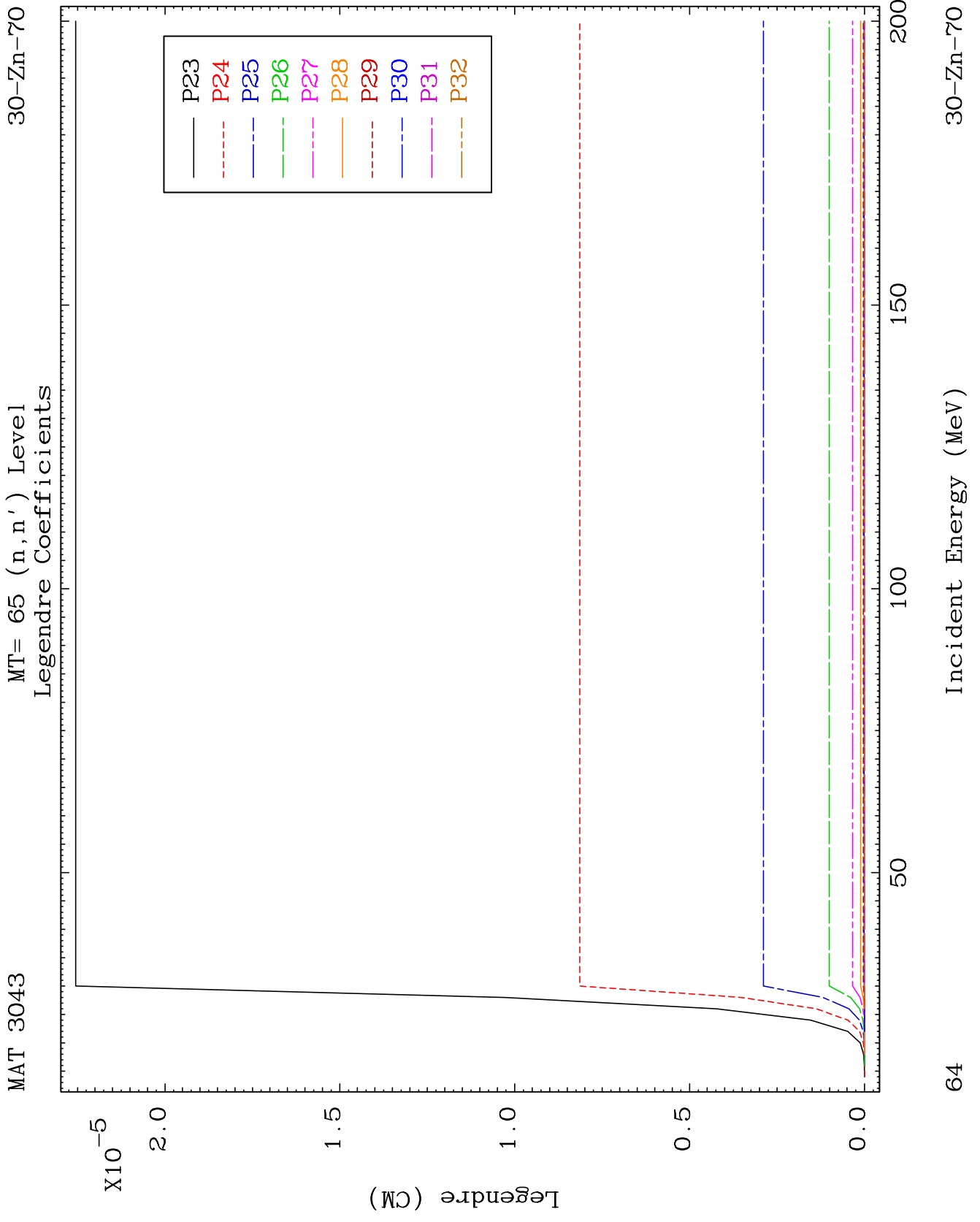
MAT 3043

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

30-Zn-70





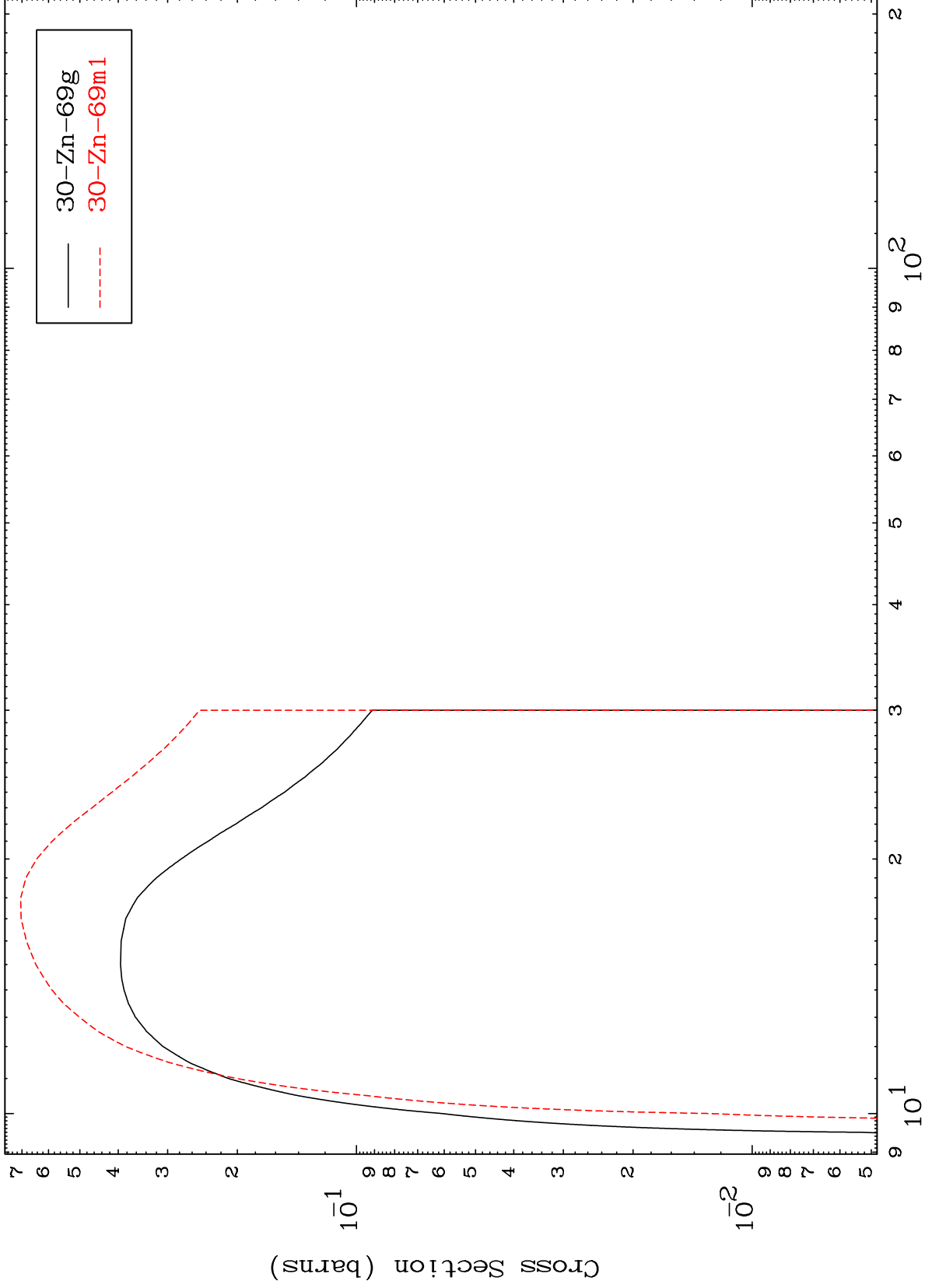


MAT 3043

(n,2n)

30-Zn-70

Radionuclide Production Cross Section



Incident Energy (MeV)

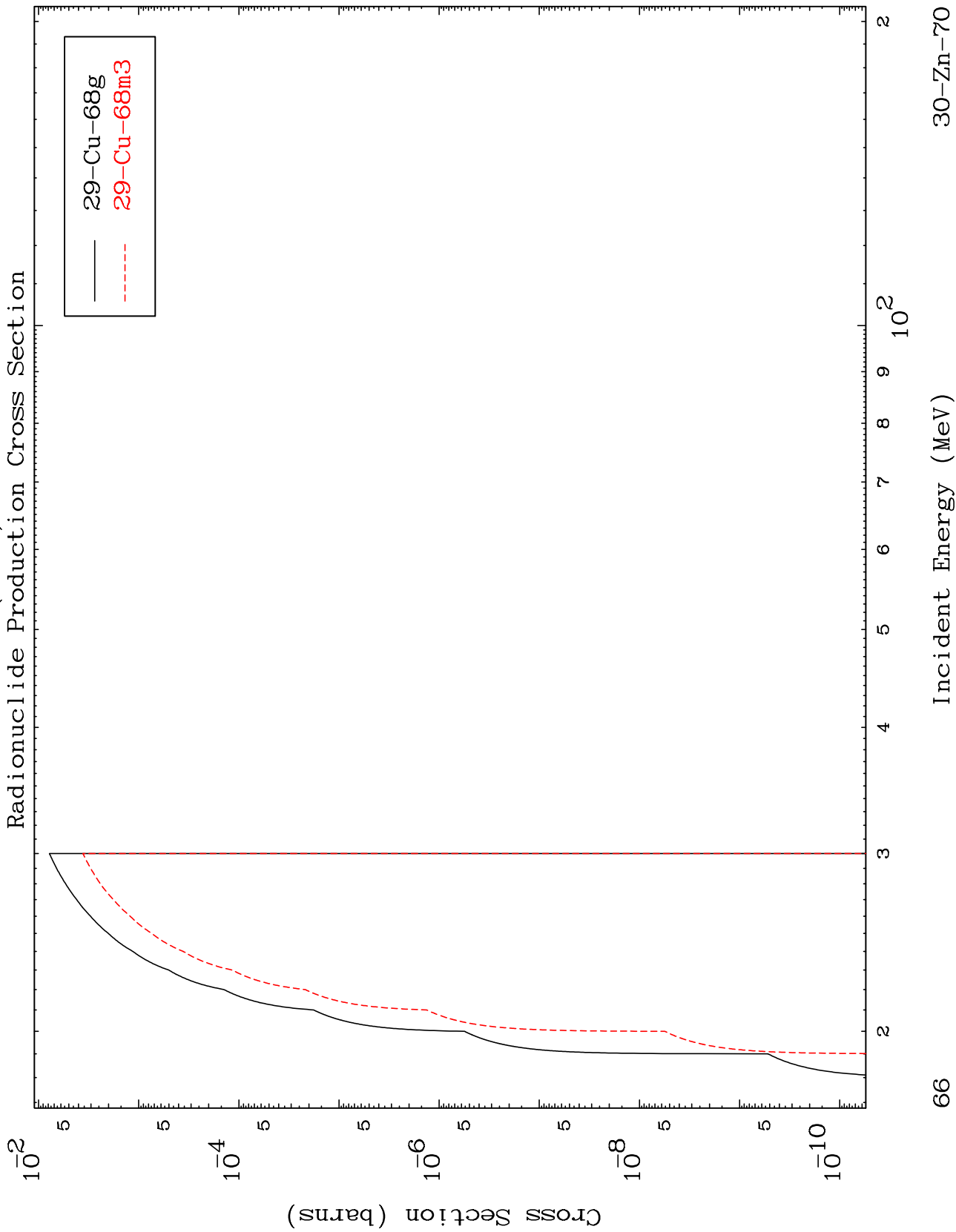
30-Zn-70

65

MAT 3043

(n,n') d

30-Zn-70



66

Incident Energy (MeV)

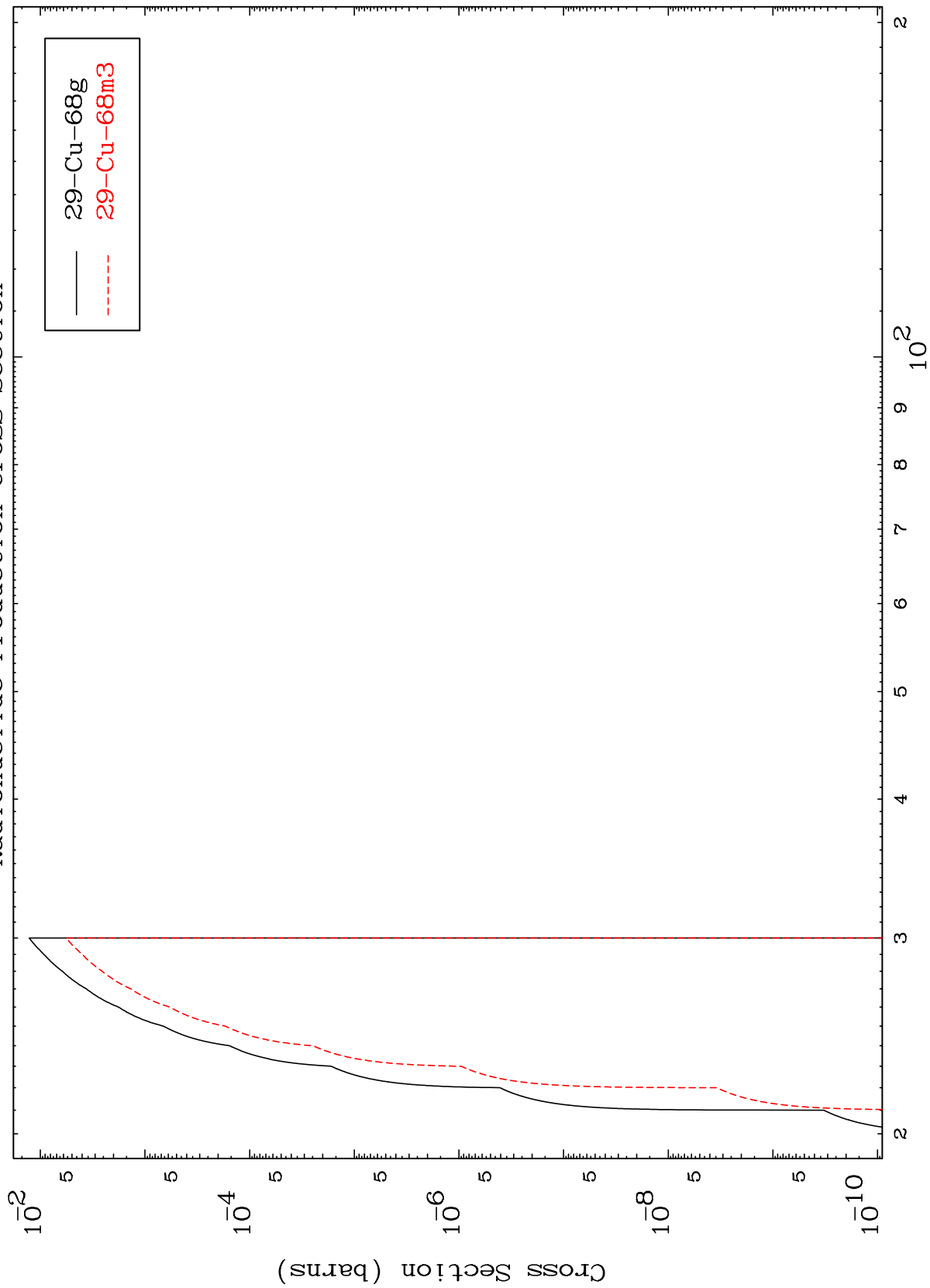
30-Zn-70

MAT 3043

(n,2n) p

30-Zn-70

Radionuclide Production Cross Section



67

Incident Energy (MeV)

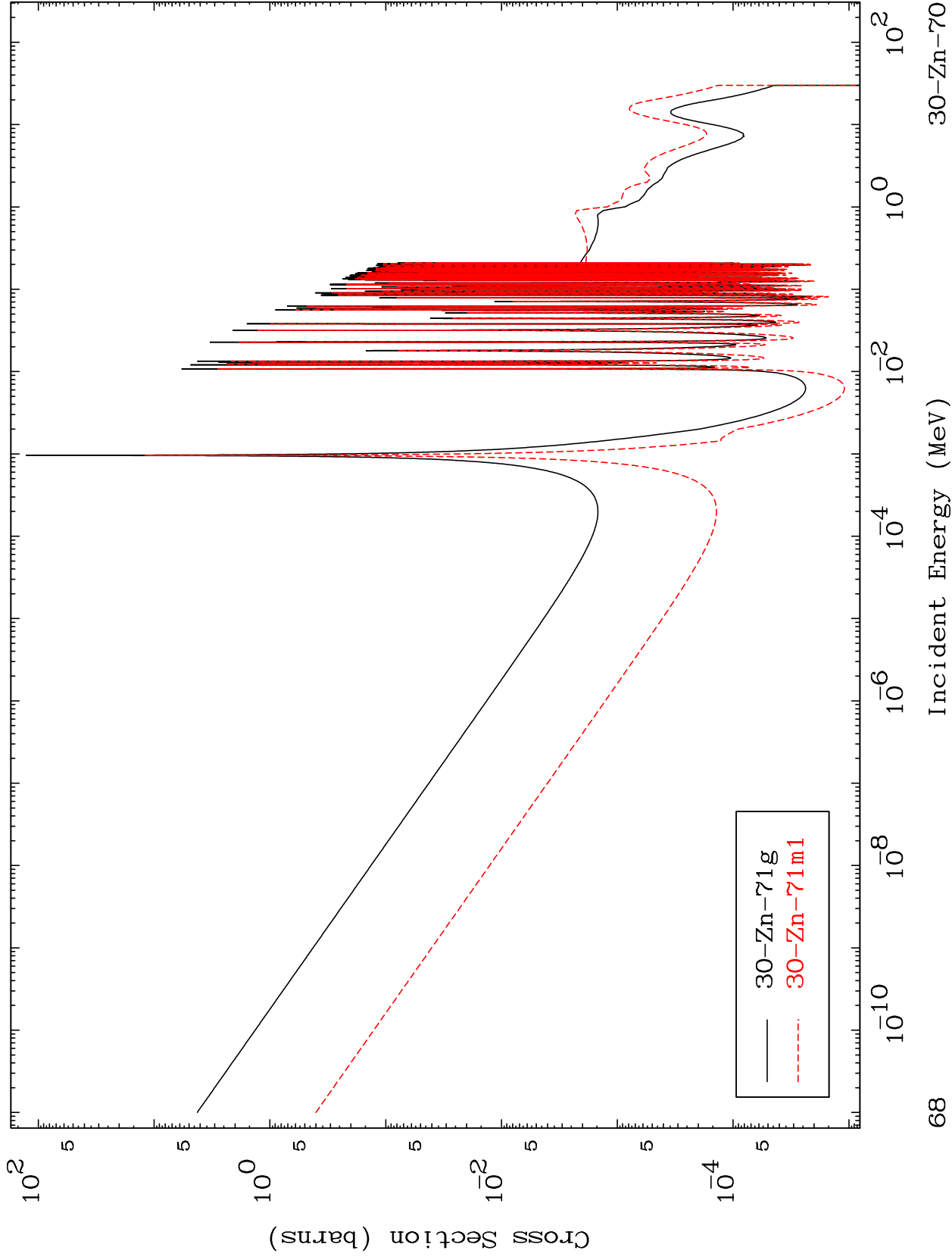
30-Zn-70

MAT 3043

(n, γ)

30-Zn-70

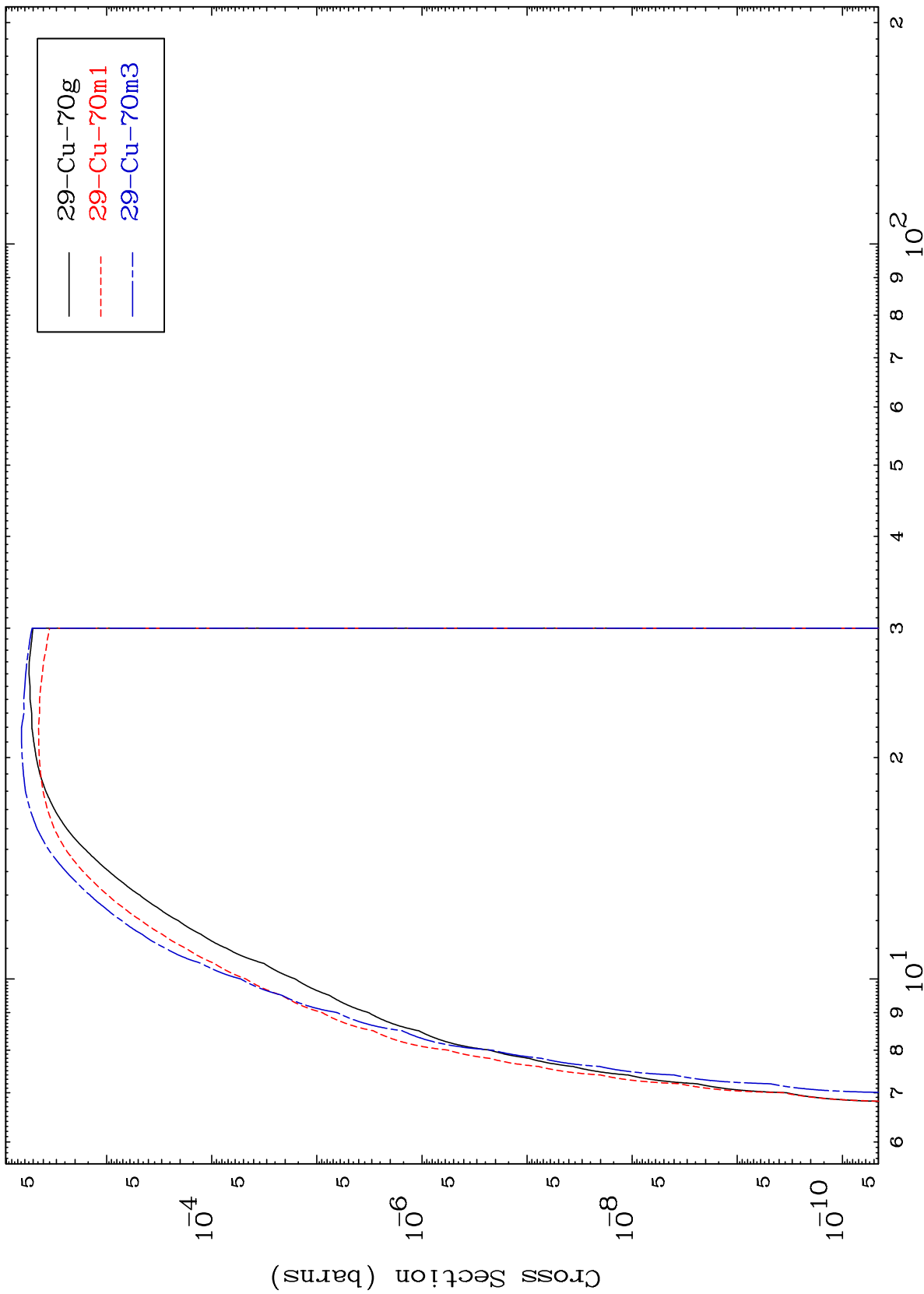
Radionuclide Production Cross Section



MAT 3043

30-Zn-70

(n,p)
Radionuclide Production Cross Section



69

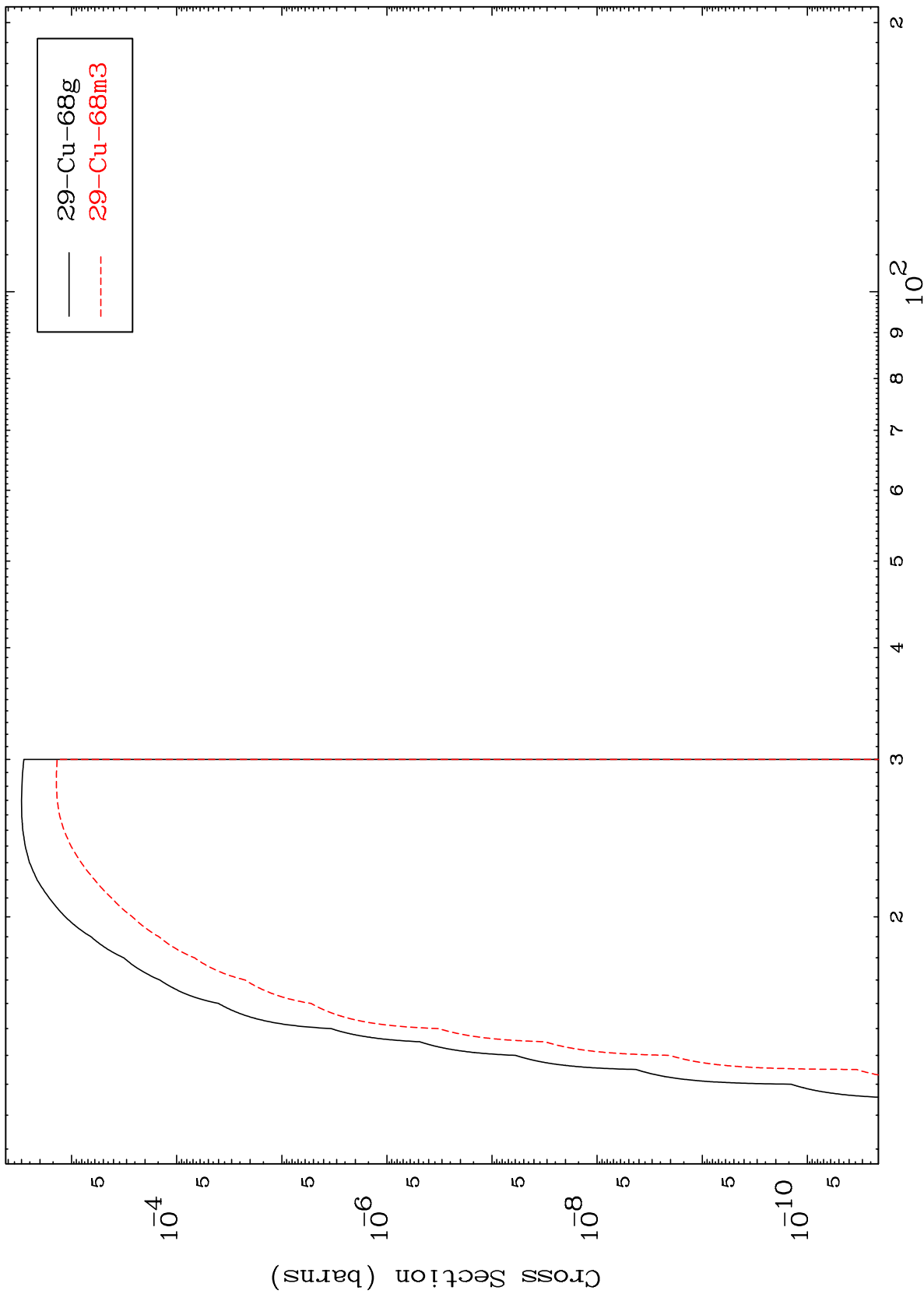
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

(n,t)
Radionuclide Production Cross Section



70

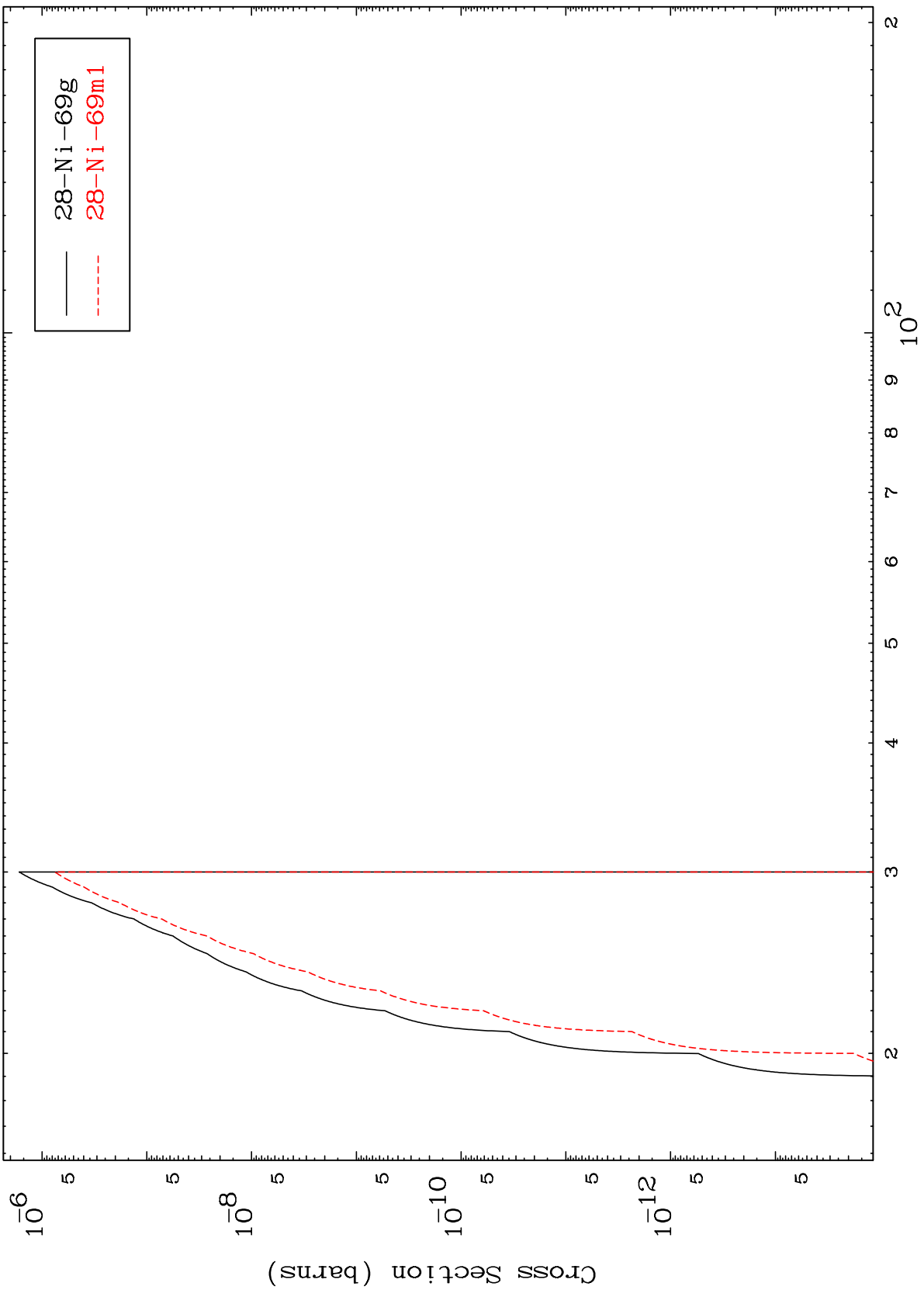
Incident Energy (MeV)

30-Zn-70

MAT 3043

30-Zn-70

(n,2p)
Radionuclide Production Cross Section



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Incident Energy (MeV)

30-Zn-70