

Program EVALPLOT
(Version 2021-1)

by

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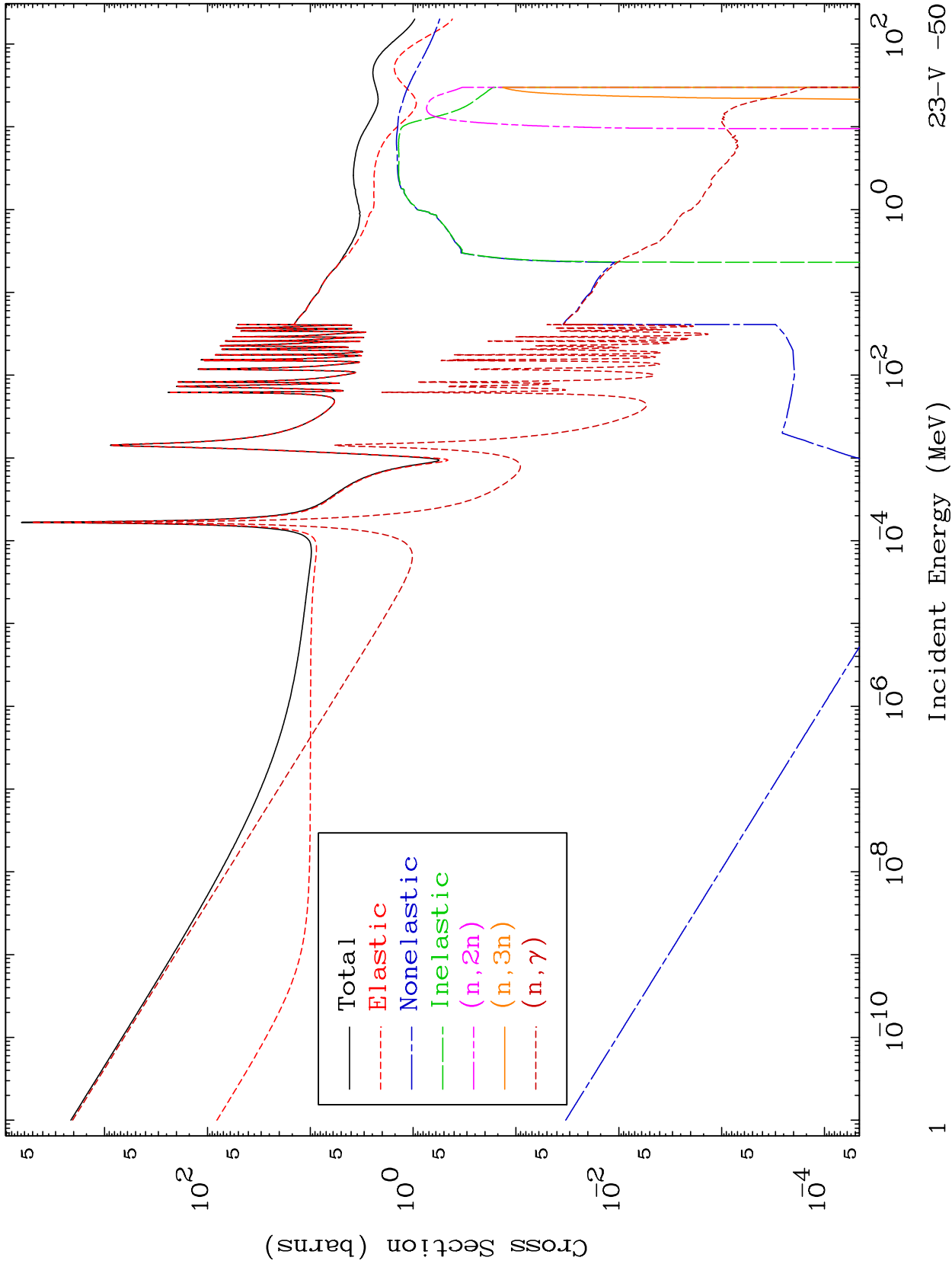
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2325

Neutron Major
293 Kelvin Cross Sections

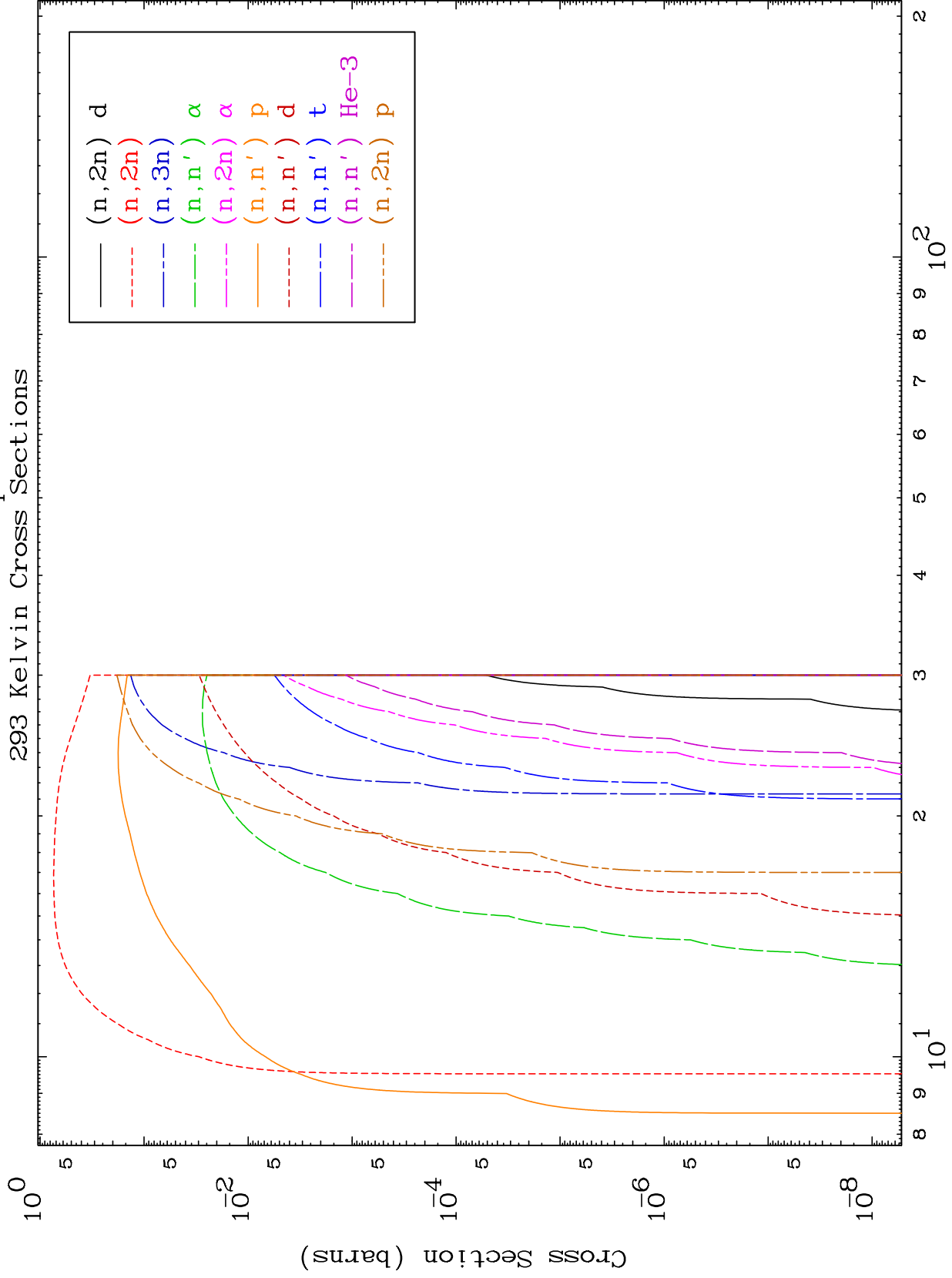
23-V -50



MAT 2325

Neutron Absorption
293 Kelvin Cross Sections

23-V -50



Incident Energy (MeV)

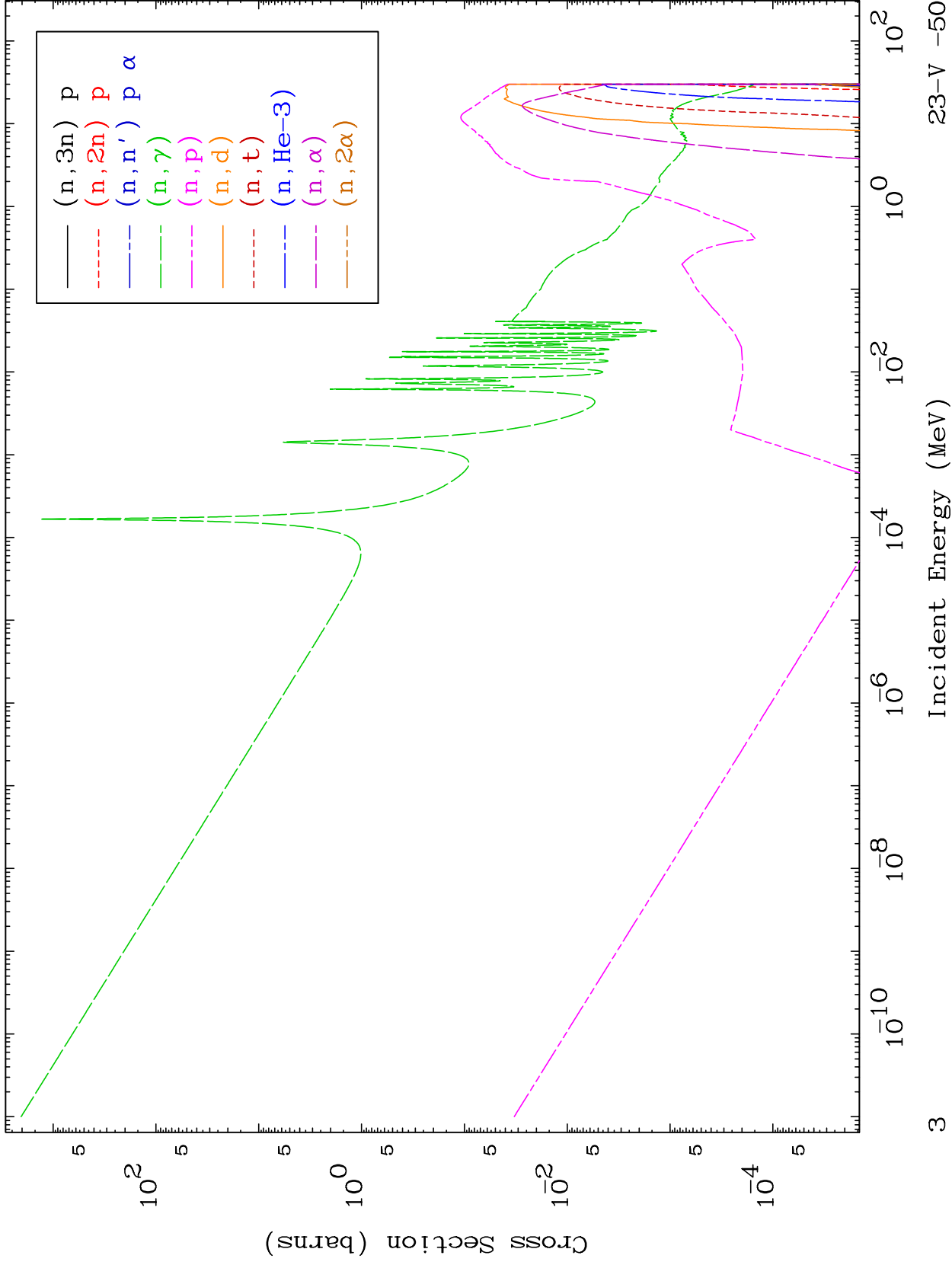
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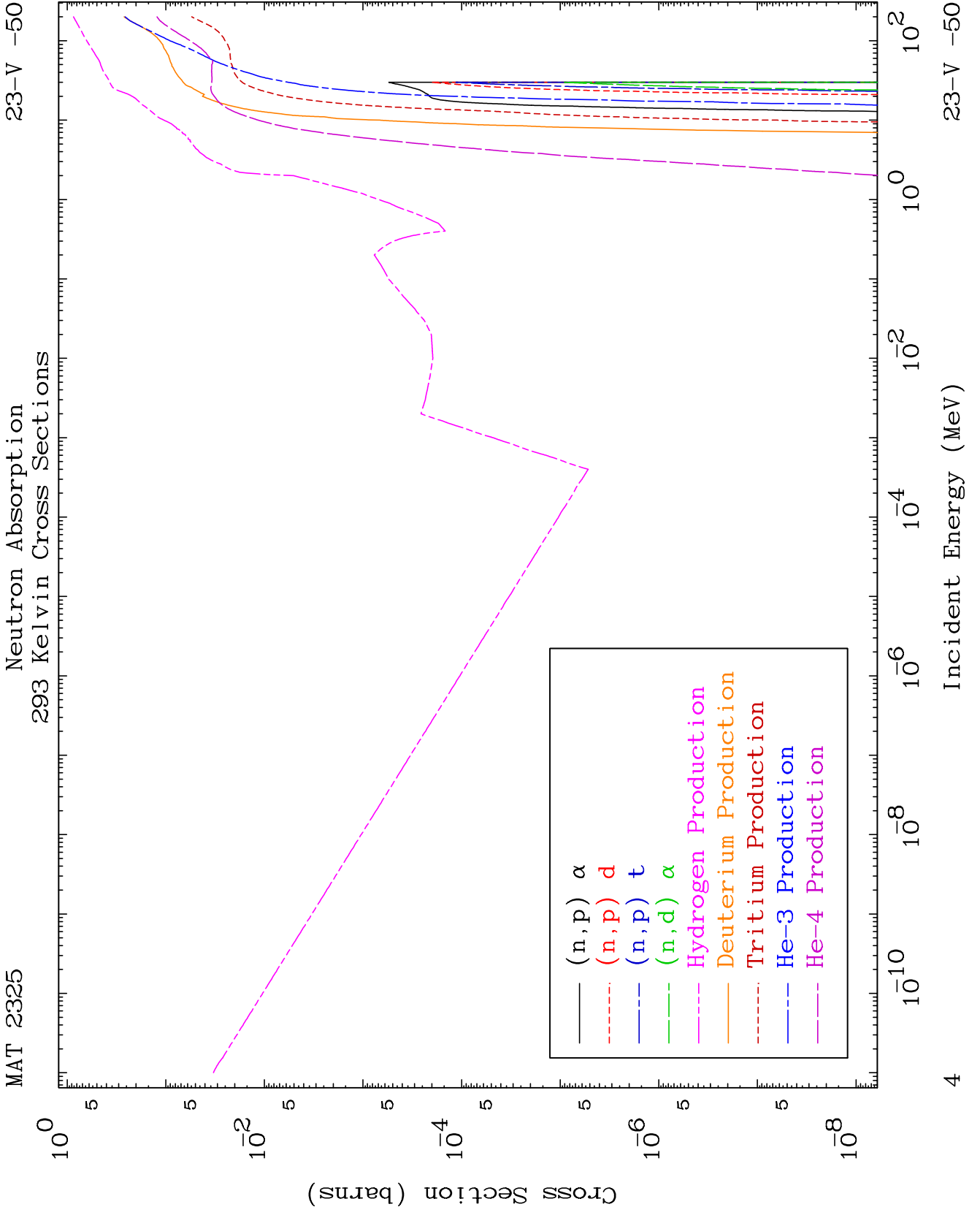
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MAT 2325

Neutron Absorption
293 Kelvin Cross Sections

23-V -50

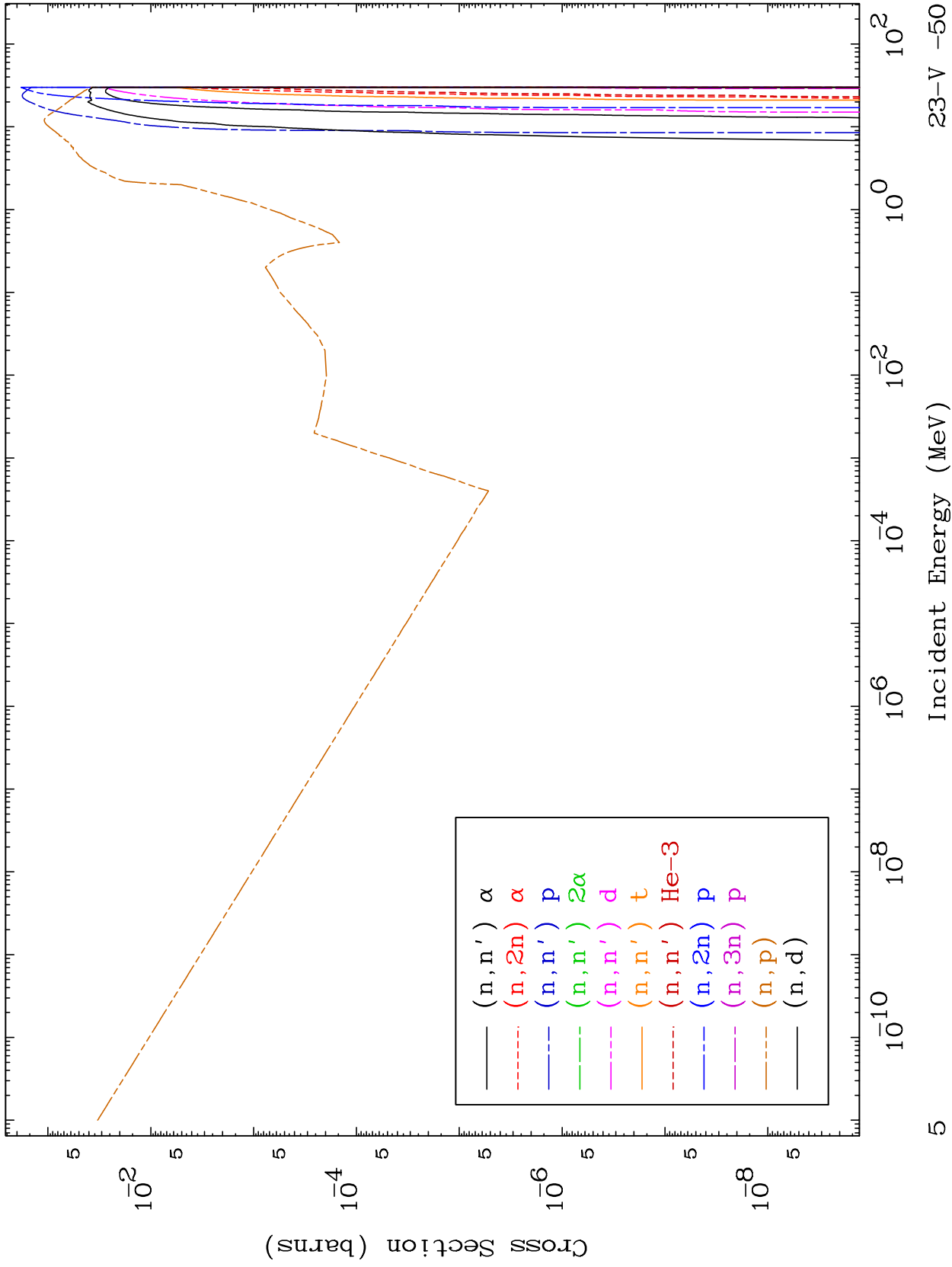




MAT 2325

Charged Particle
293 Kelvin Cross Sections

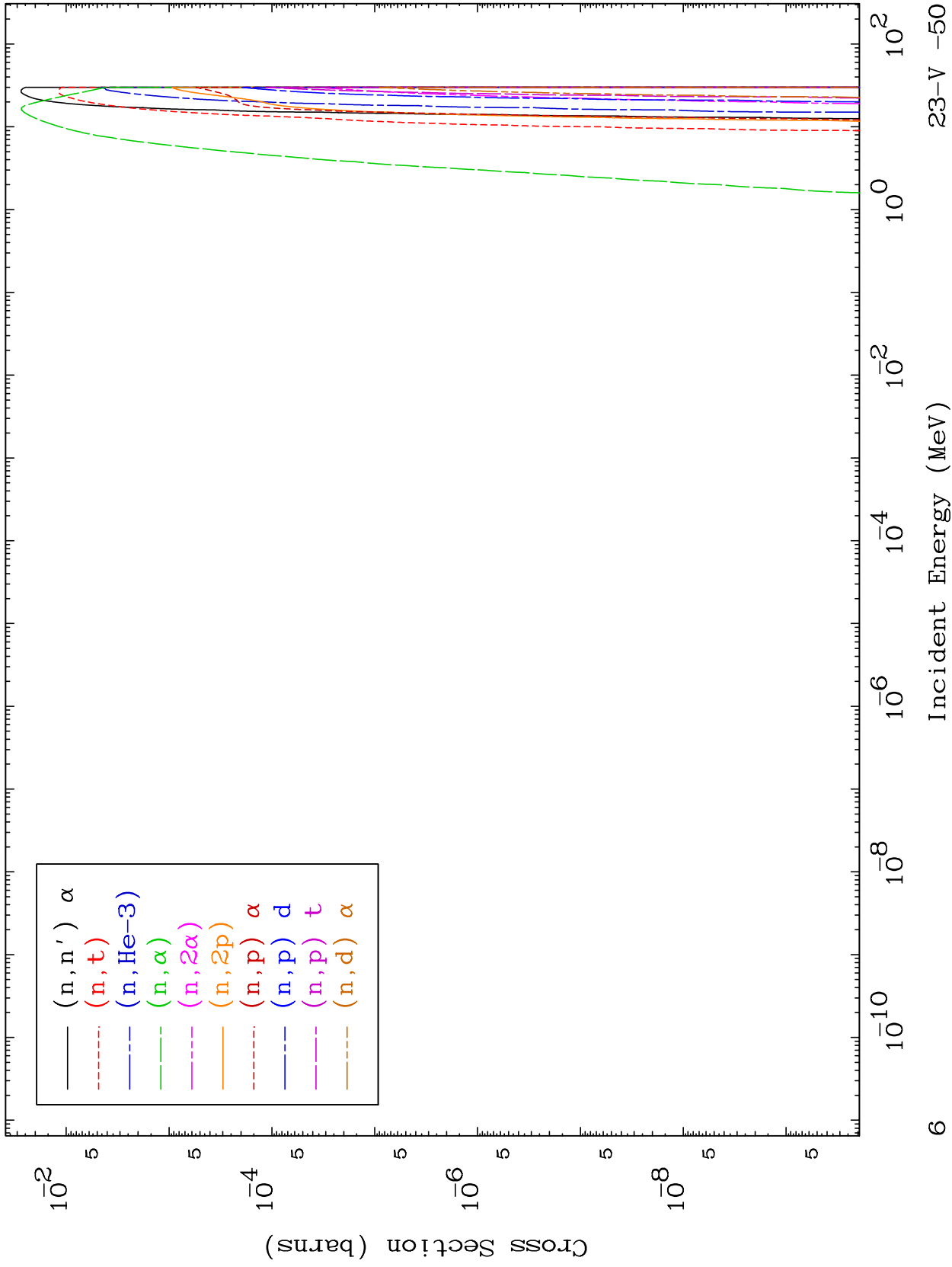
23-V -50



MAT 2325

Charged Particle
293 Kelvin Cross Sections

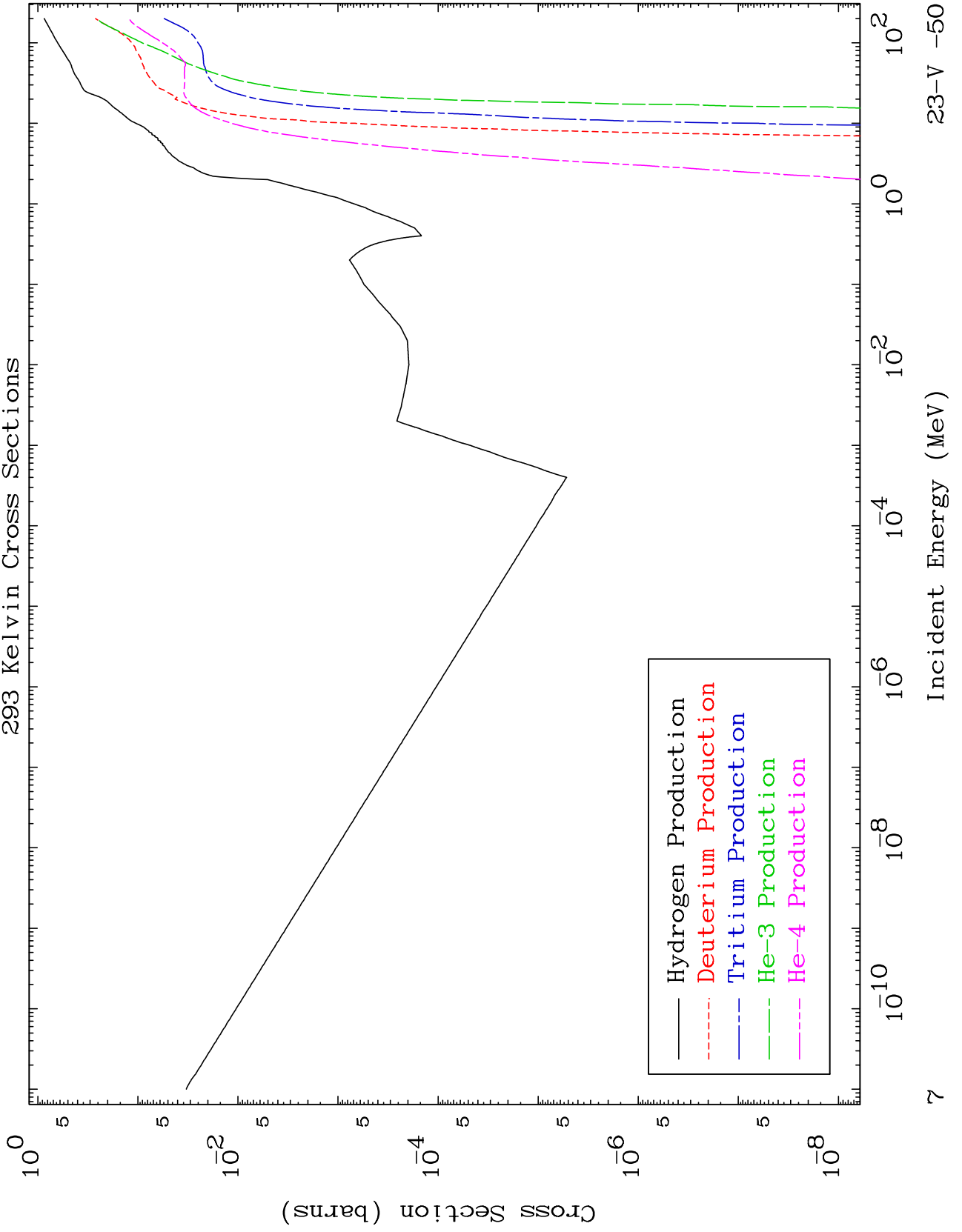
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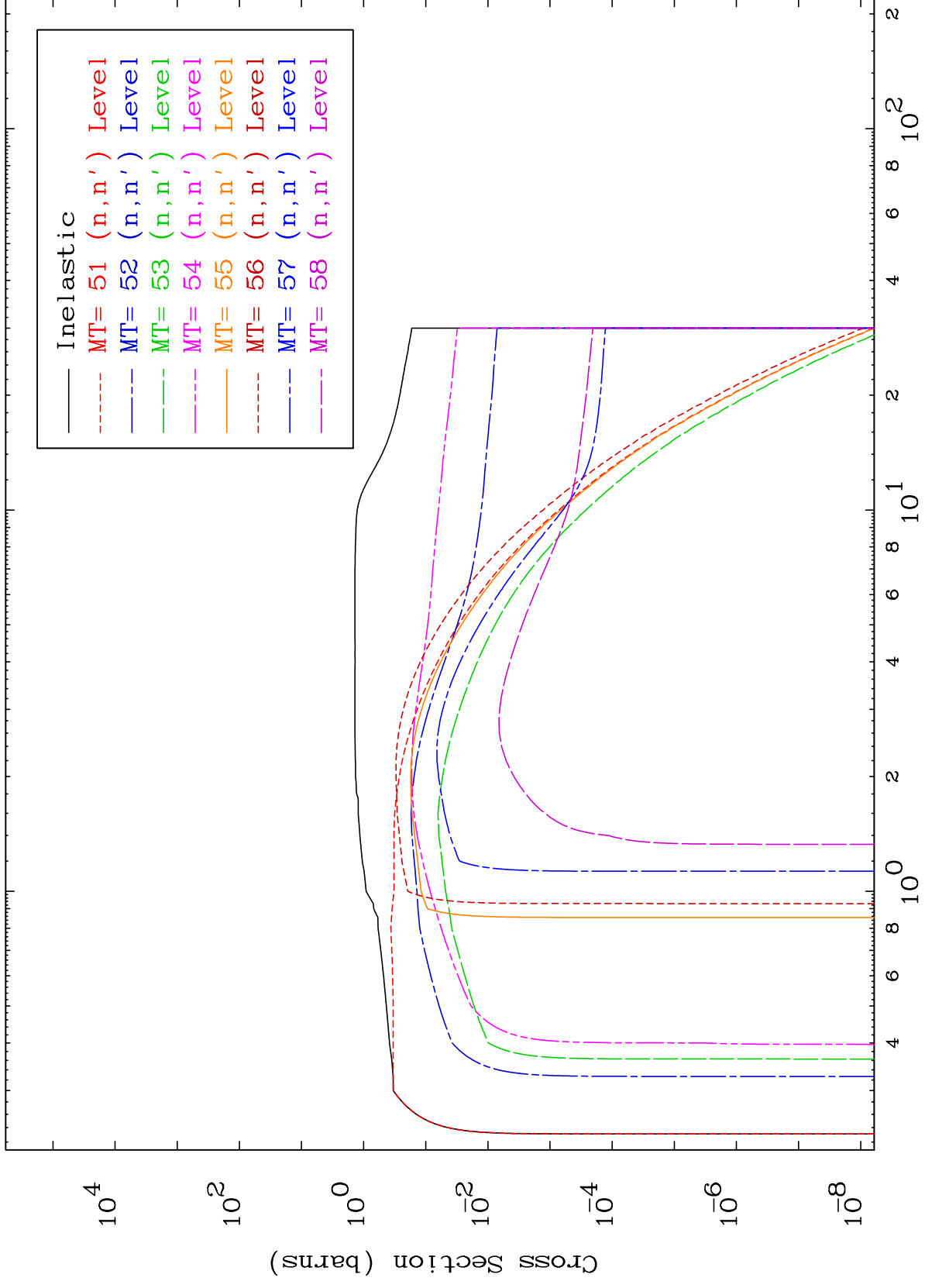


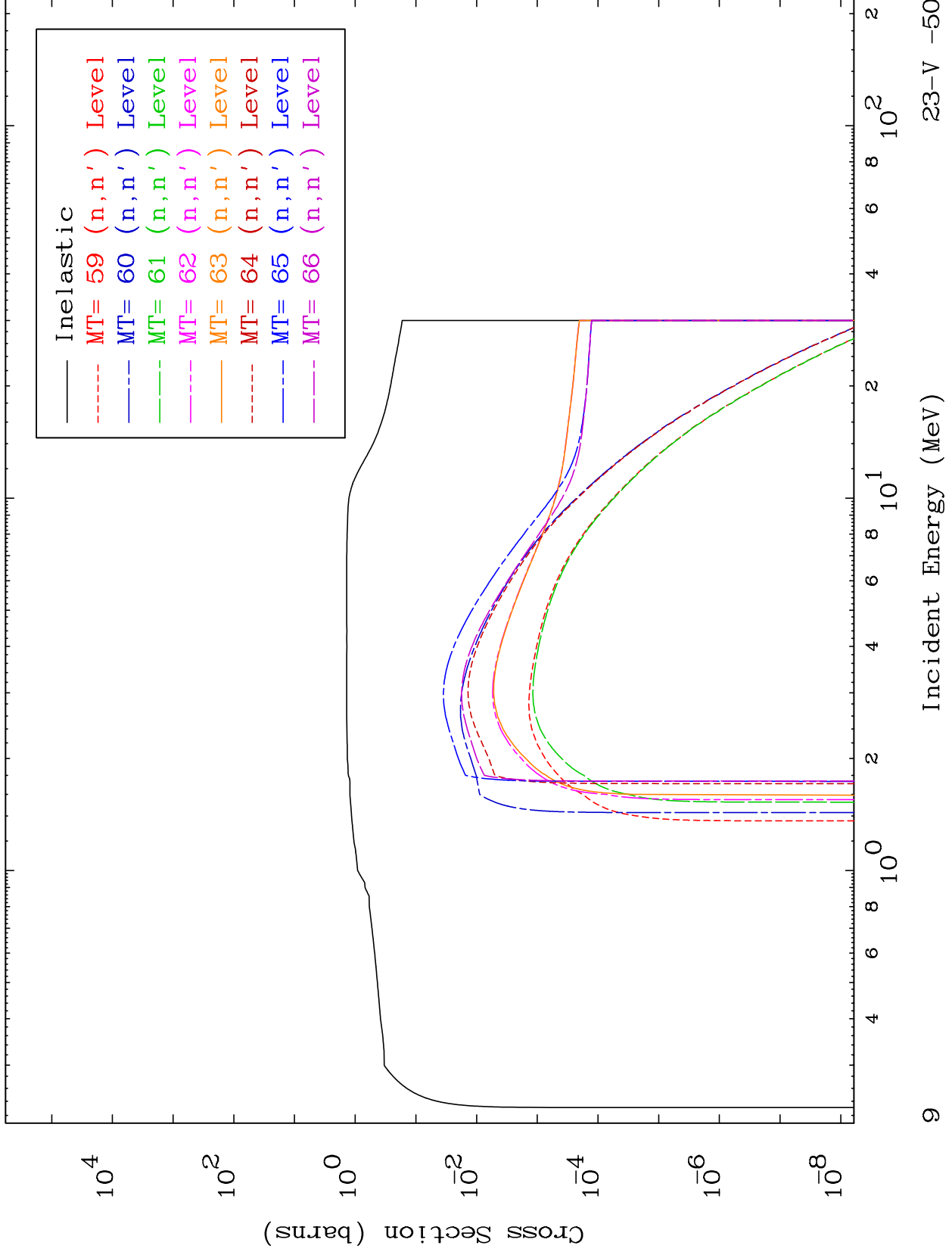
MAT 2325

Particle Production
293 Kelvin Cross Sections

23-V -50



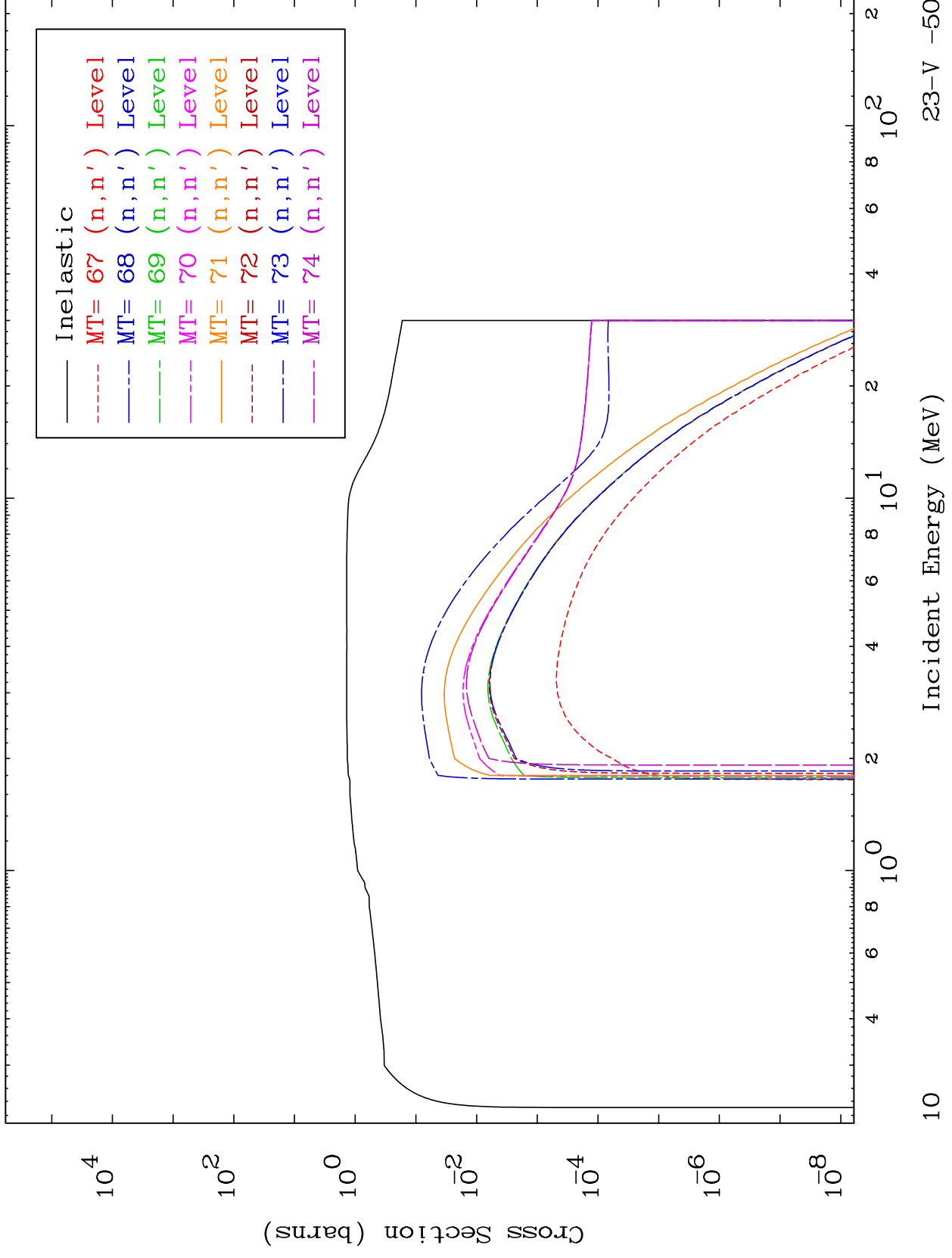




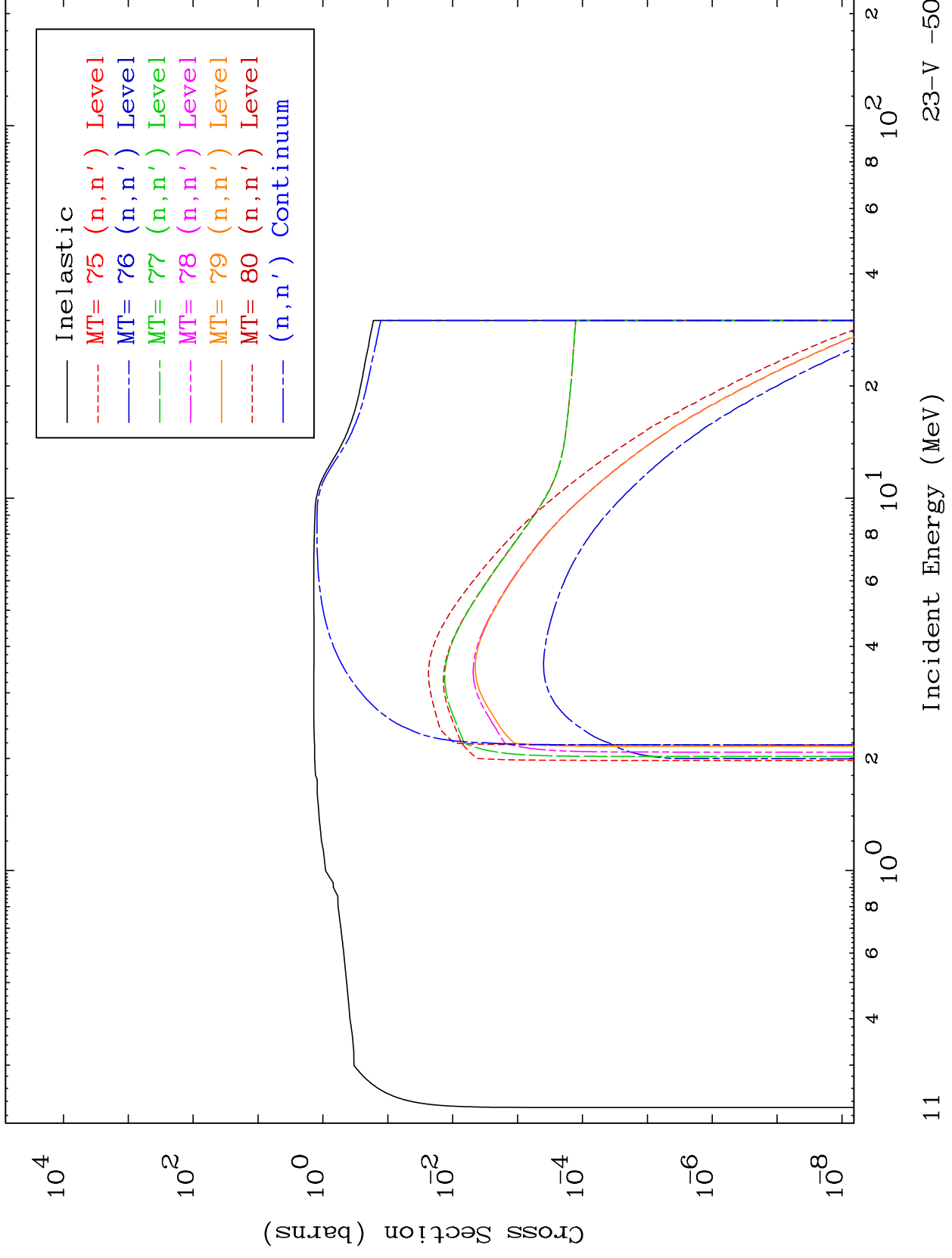
MAT 2325

(n,n') Levels
293 Kelvin Cross Sections

23-V -50



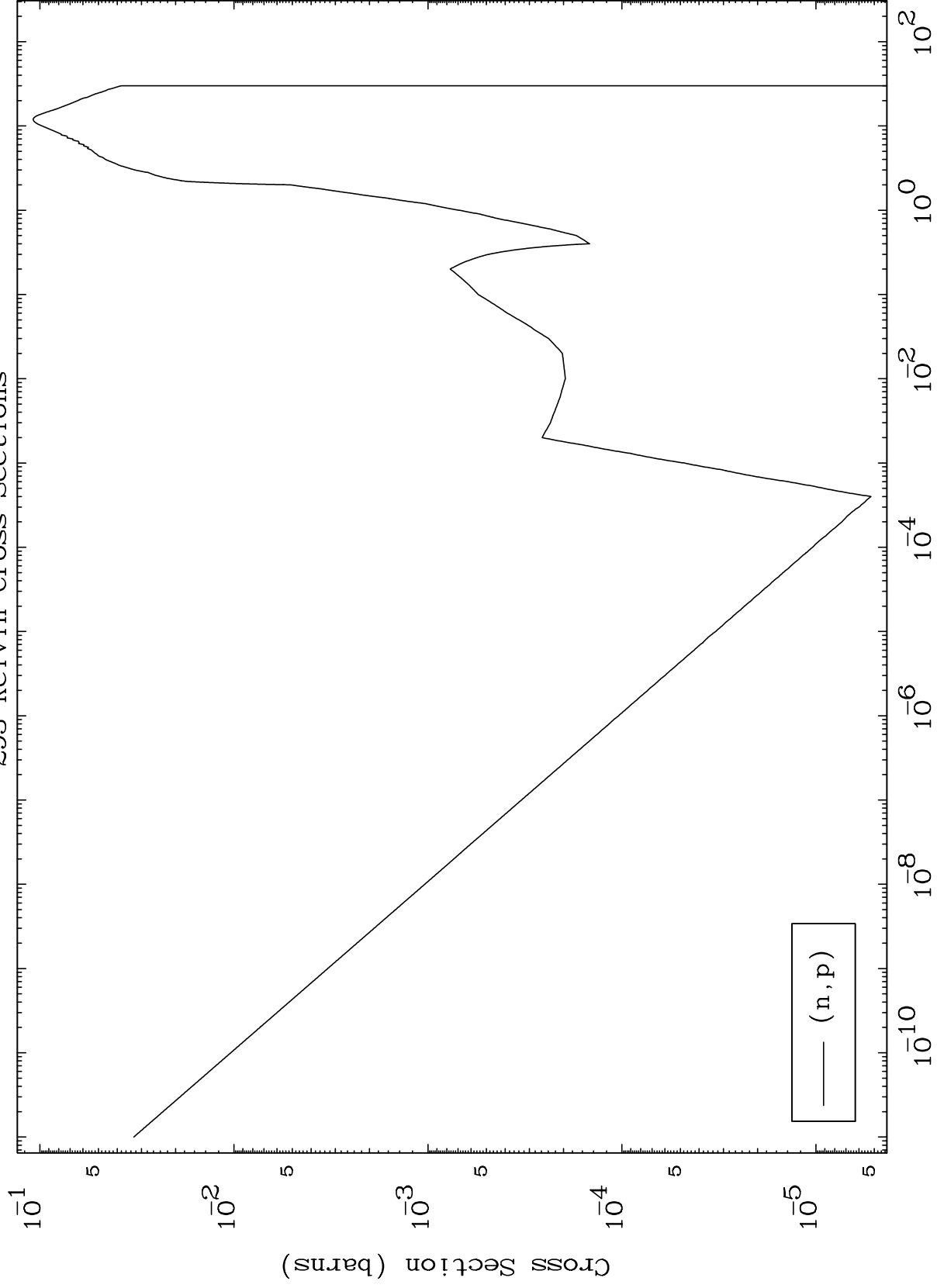
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MAT 2325

(n,p) Levels
293 Kelvin Cross Sections

23-V -50



12

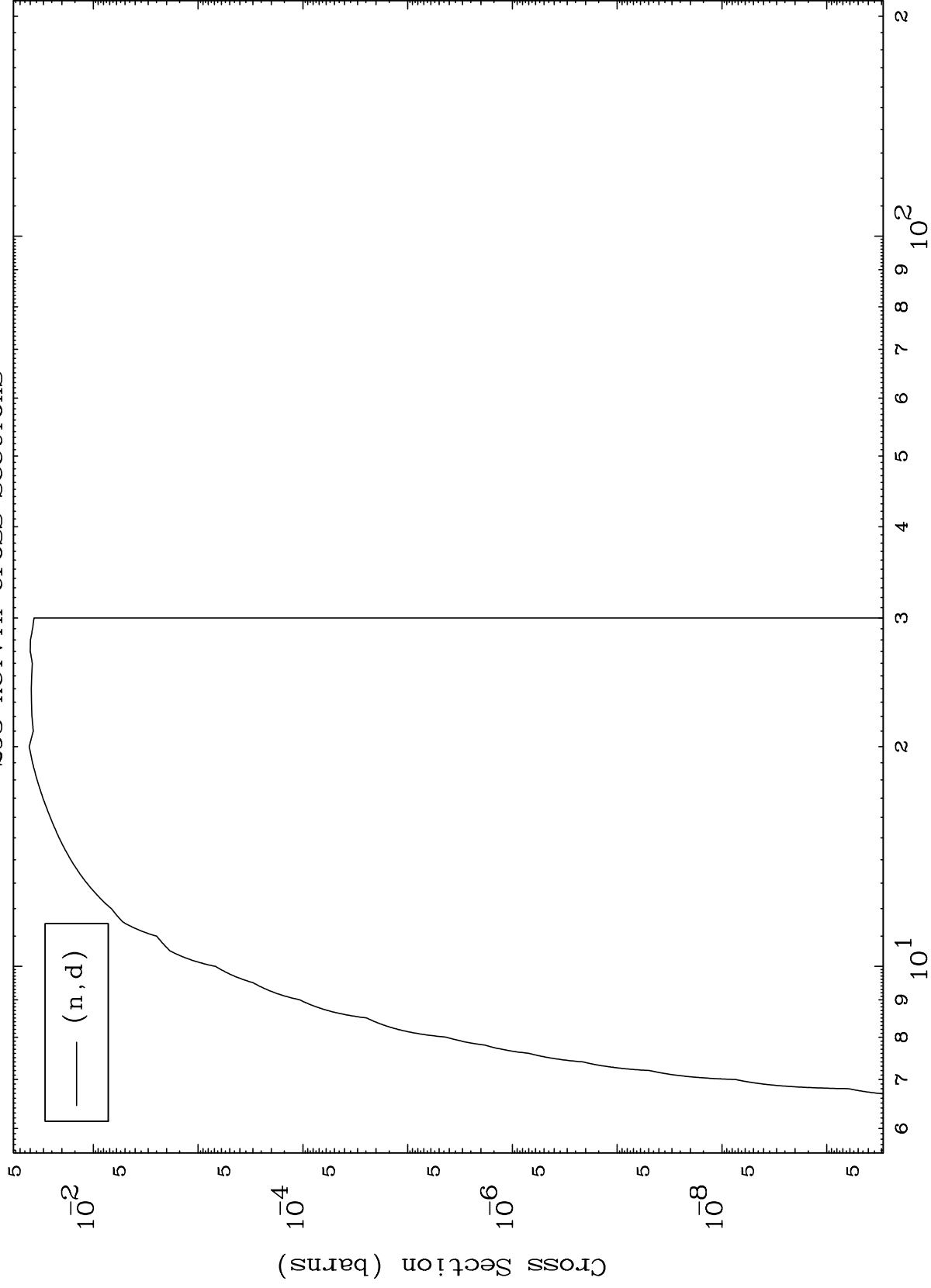
Incident Energy (MeV)

23-V -50

MAT 2325

(n,d) Levels
293 Kelvin Cross Sections

23-V -50



13

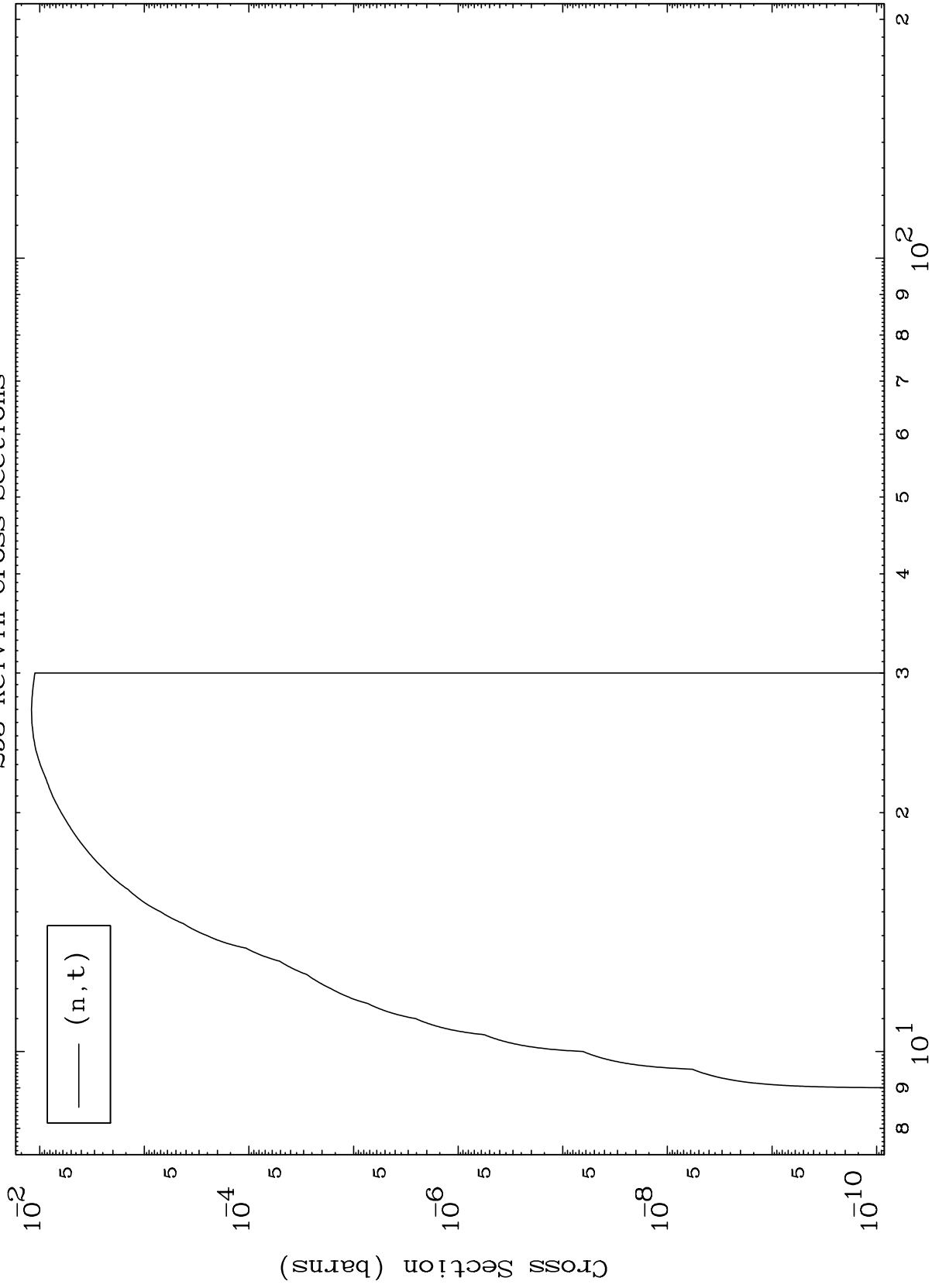
Incident Energy (MeV)

23-V -50

MAT 2325

(n,t) Levels
293 Kelvin Cross Sections

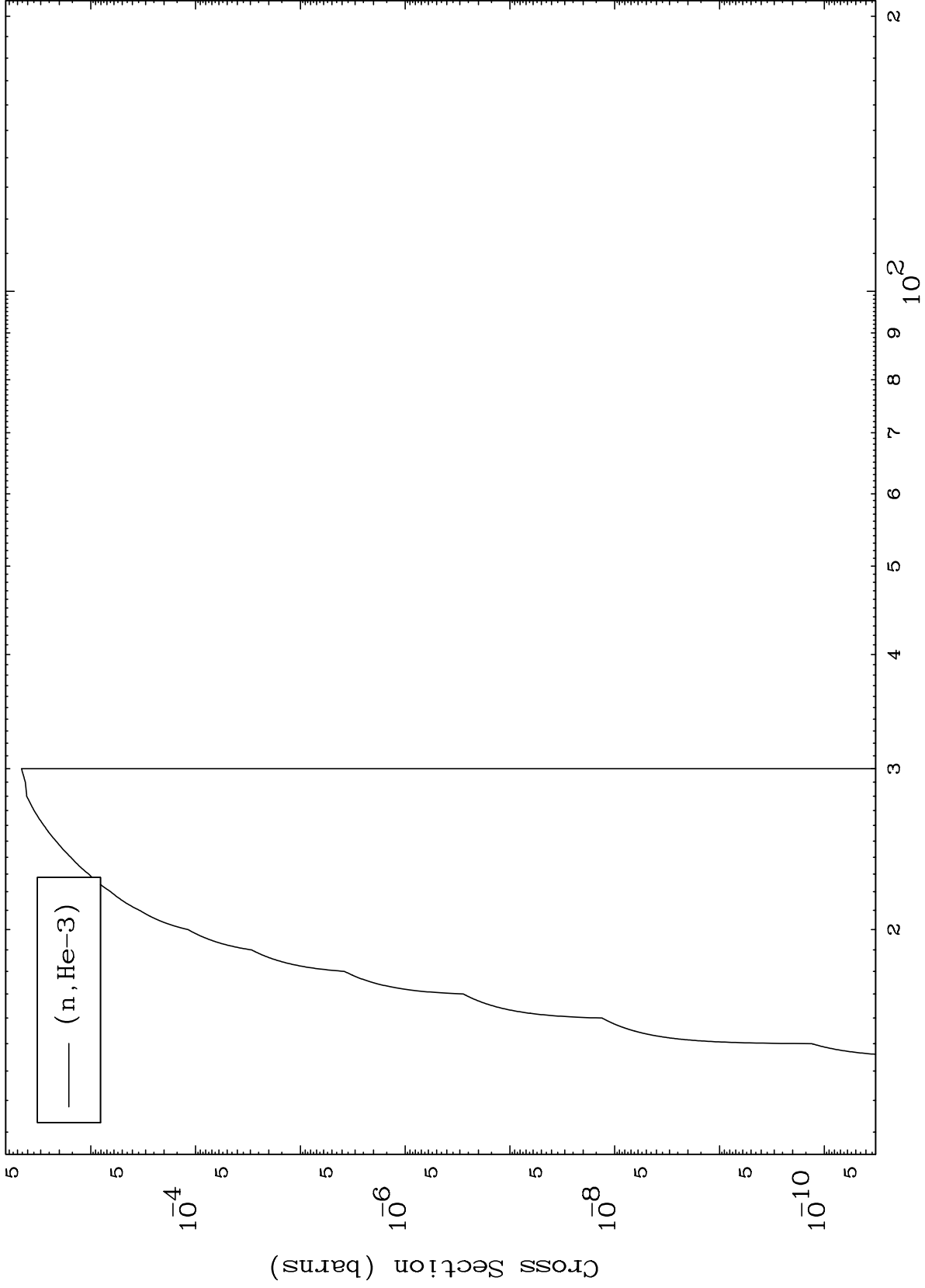
23-V -50



14

Incident Energy (MeV)

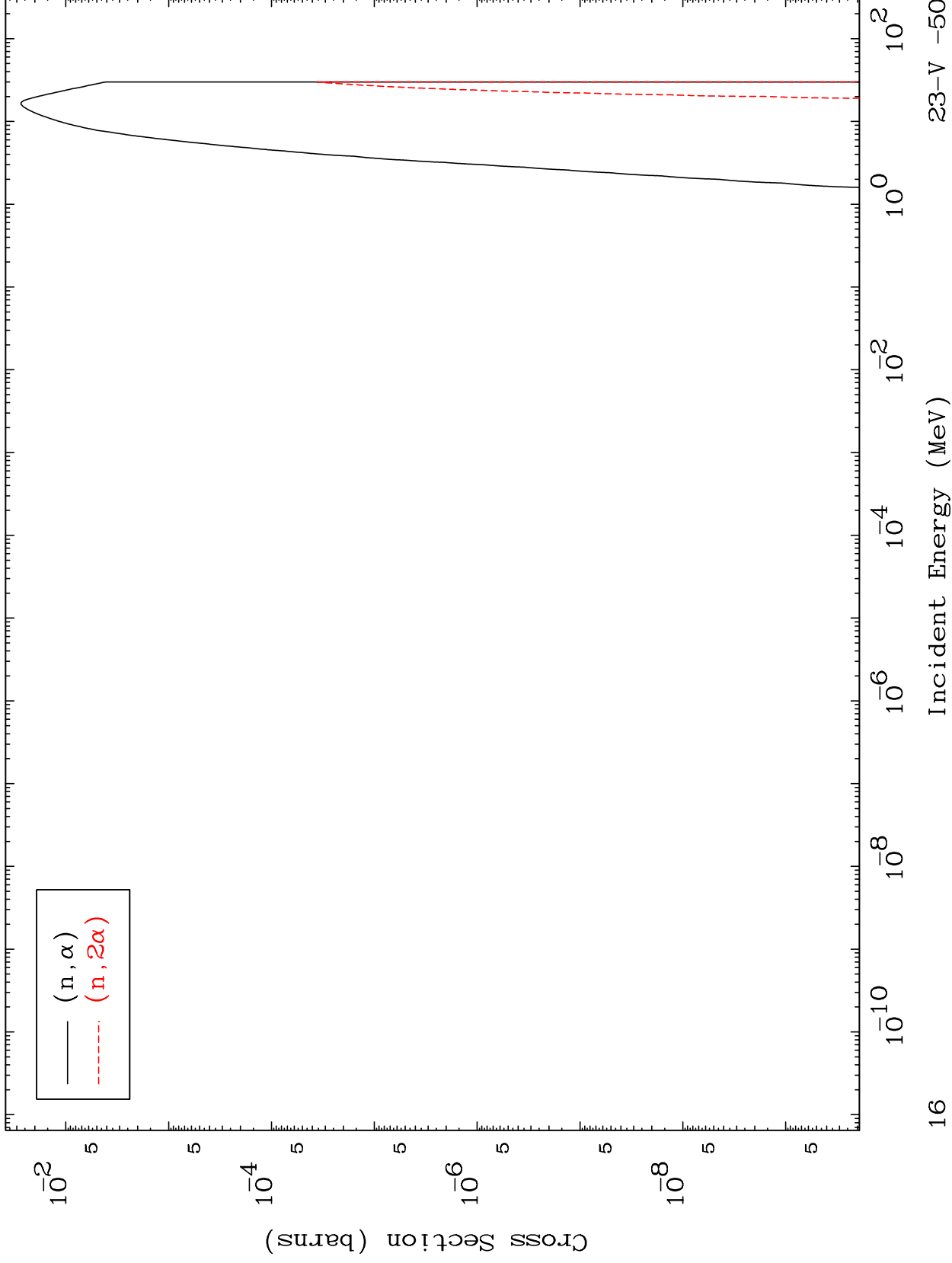
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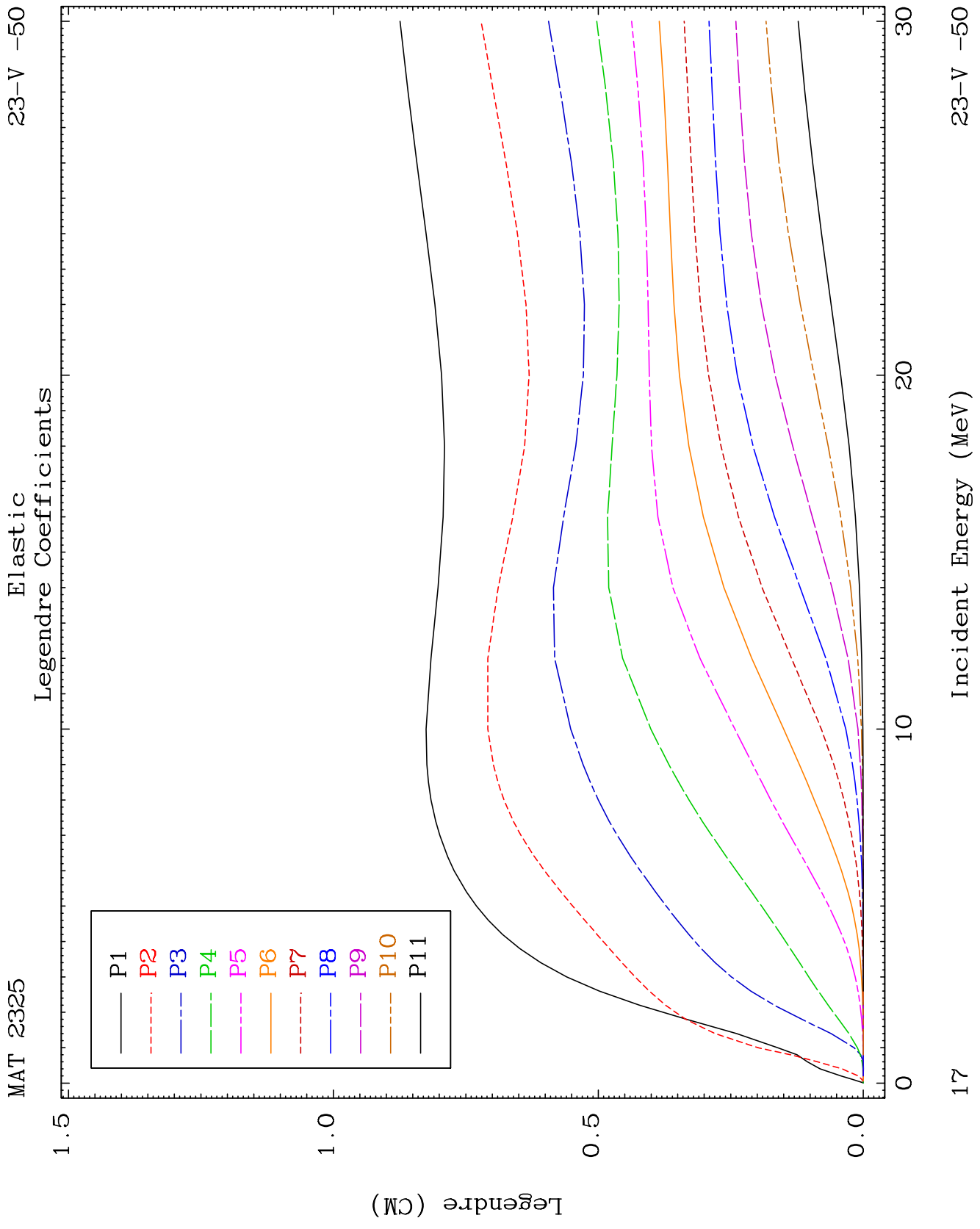


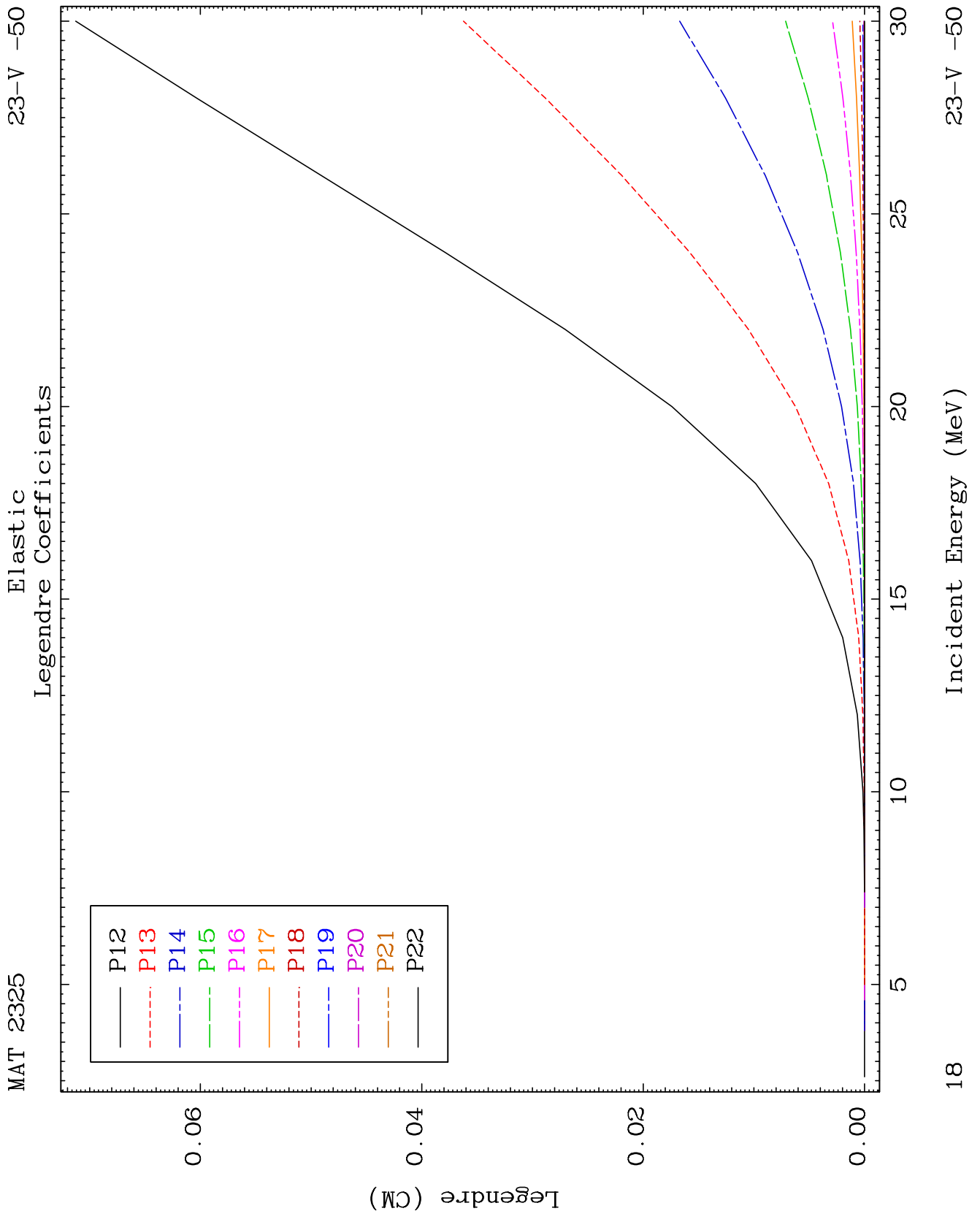
MAT 2325

(n, α) Levels
293 Kelvin Cross Sections

23-V -50



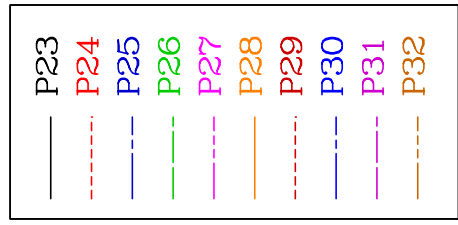




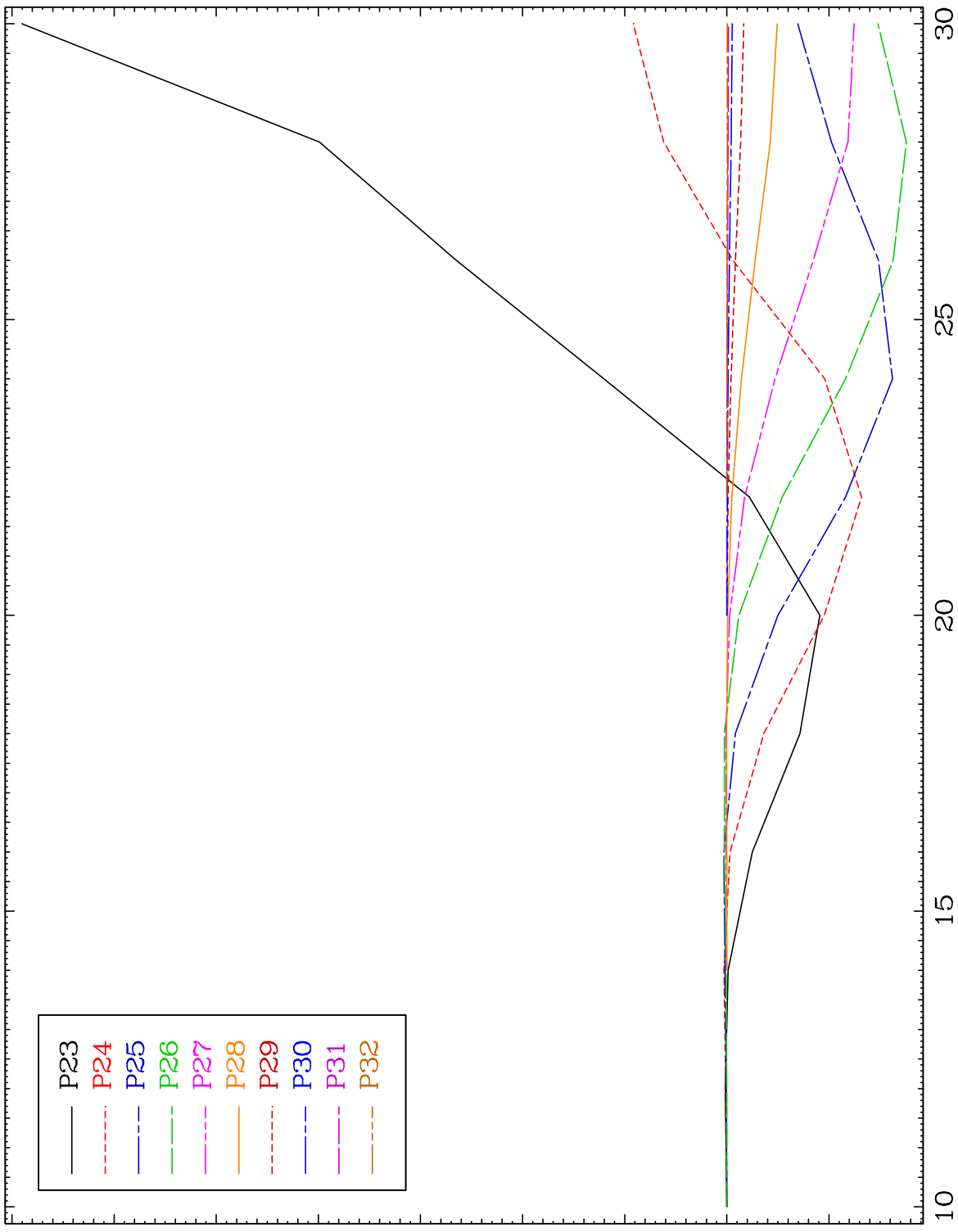
MAT 2325

Elastic Legendre Coefficients

23-V -50



$\times 10^{-6}$
Legendre (CM)

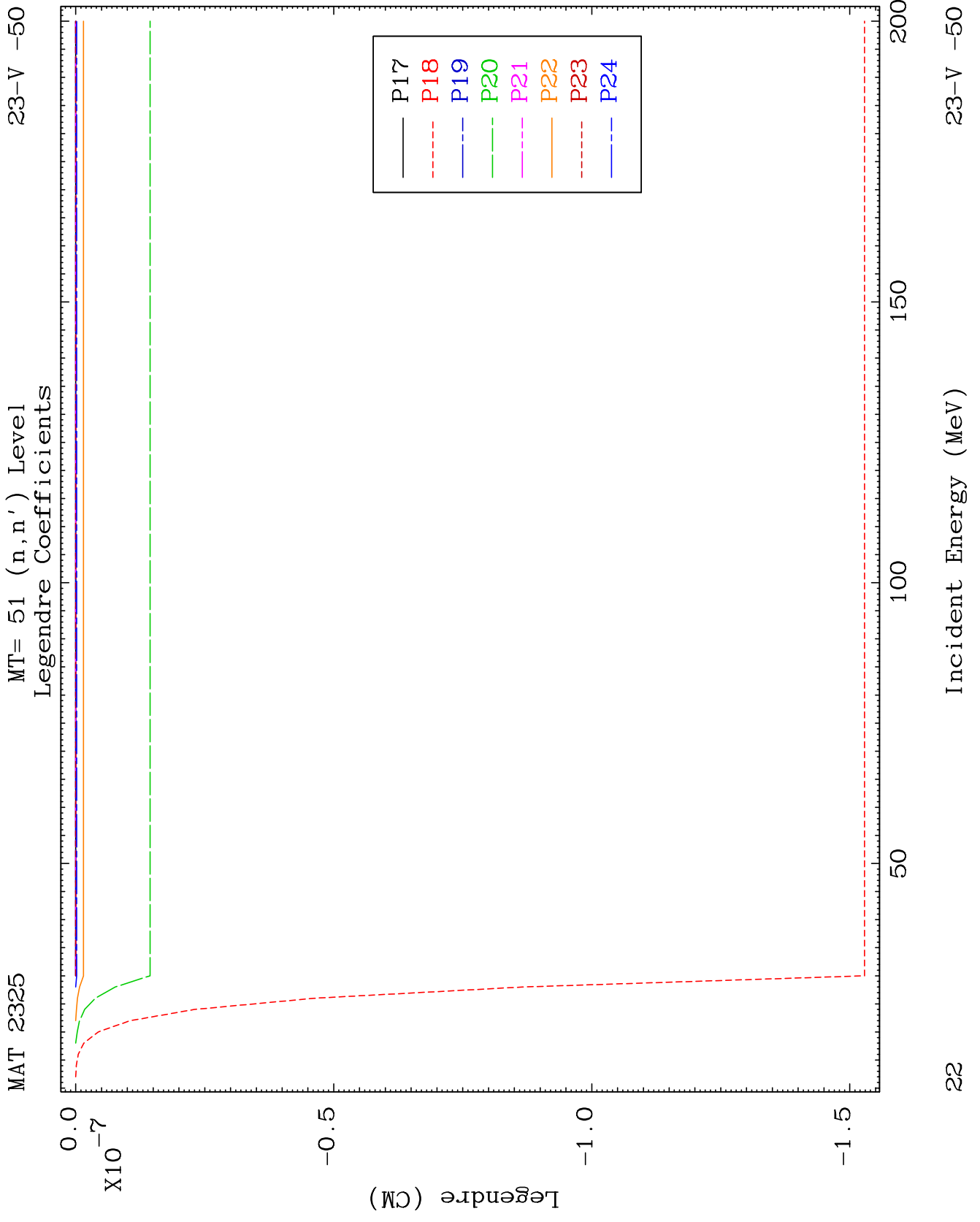


10

Incident Energy (MeV)

23-V -50

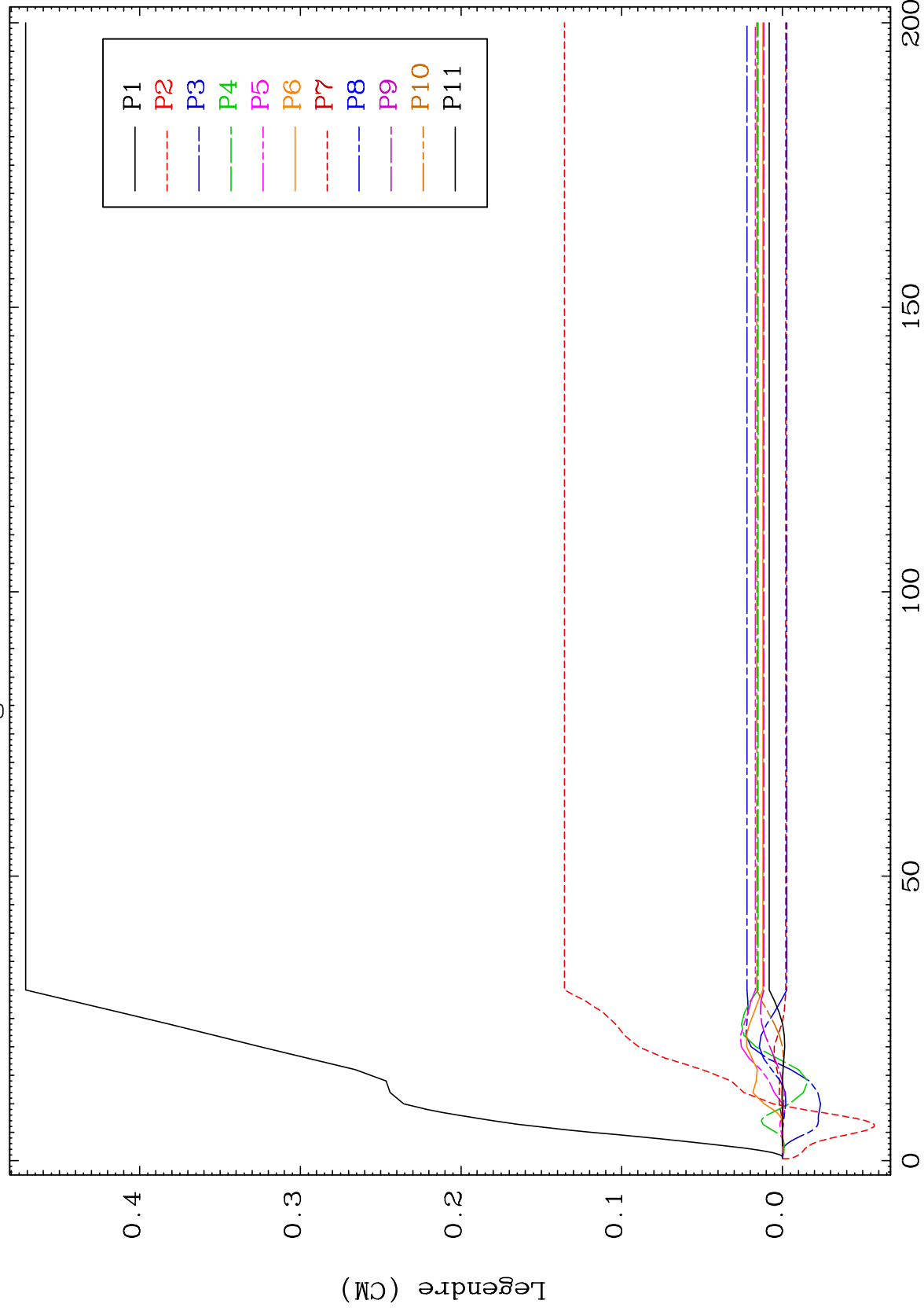
30



MAT 2325

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

23-V -50



23

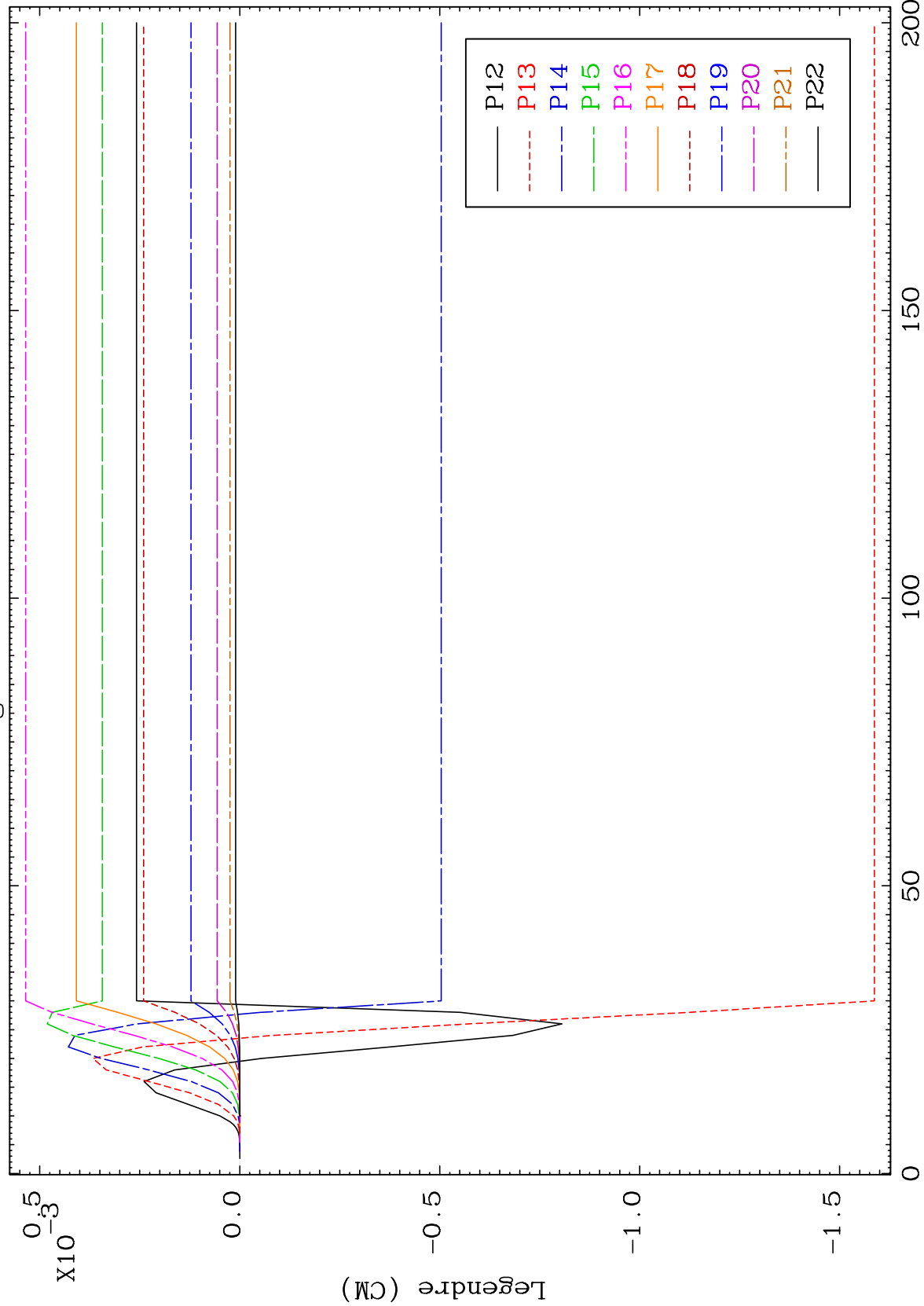
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



24

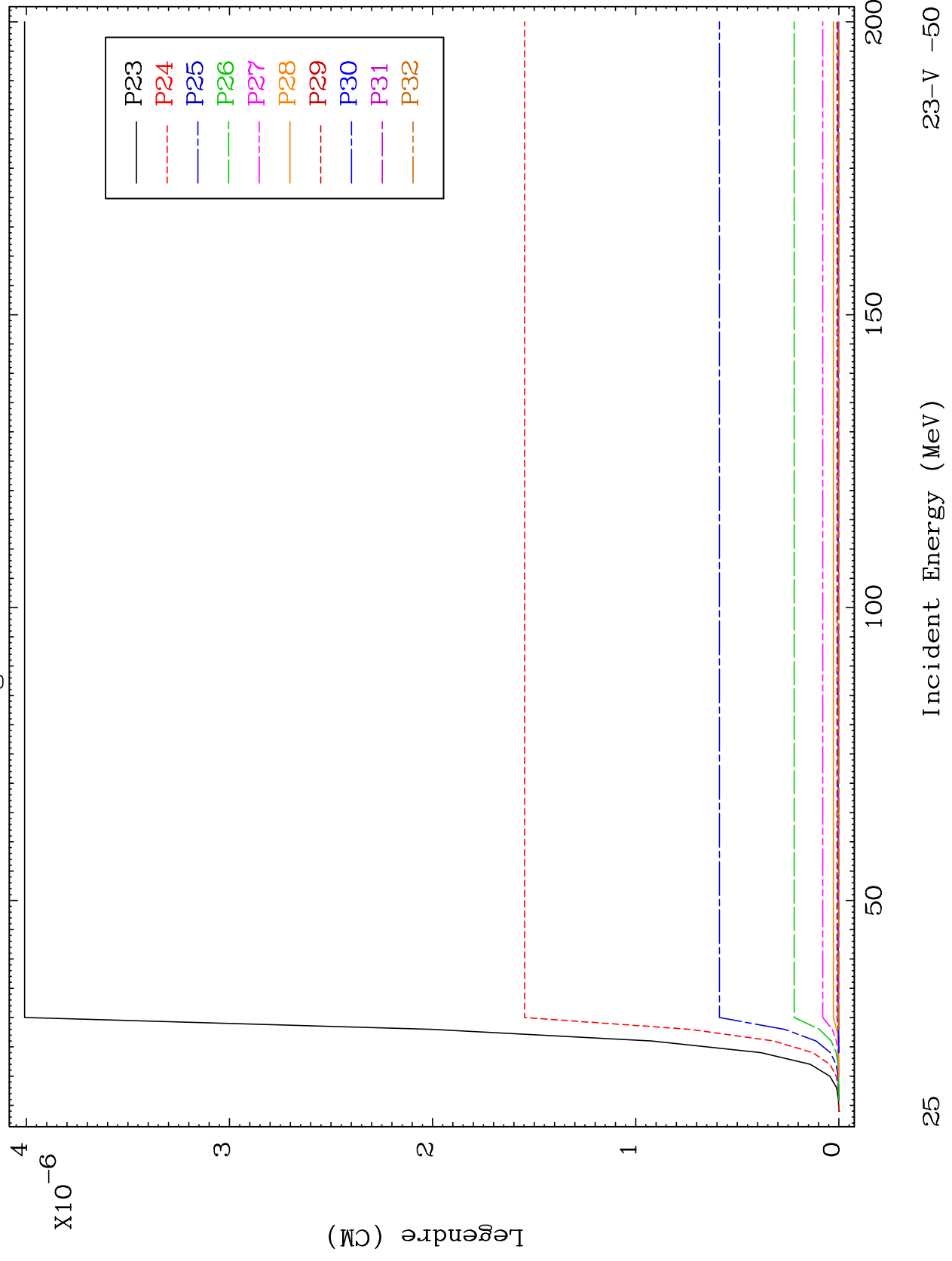
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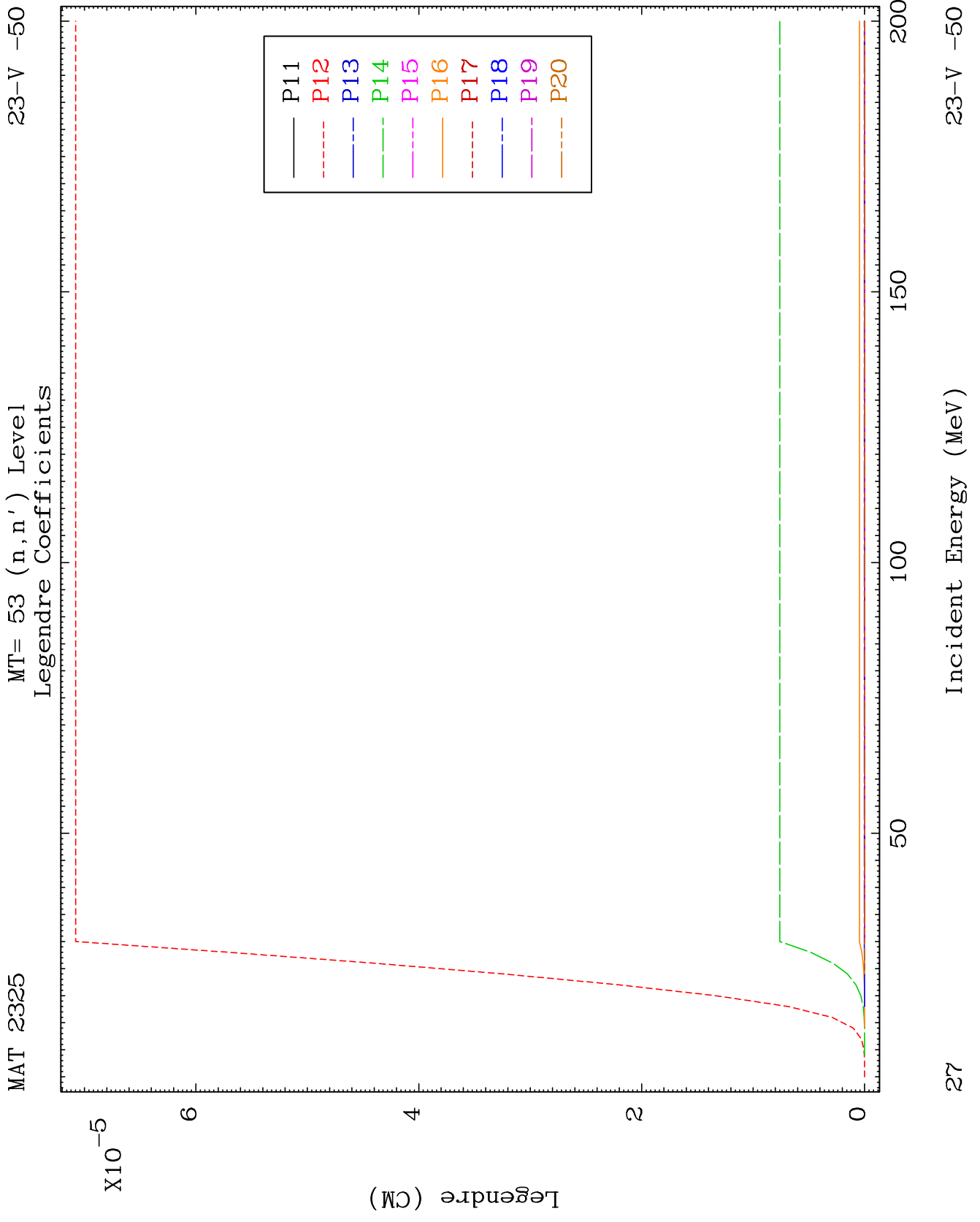
23-V -50

MAT 2325

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

23-V -50

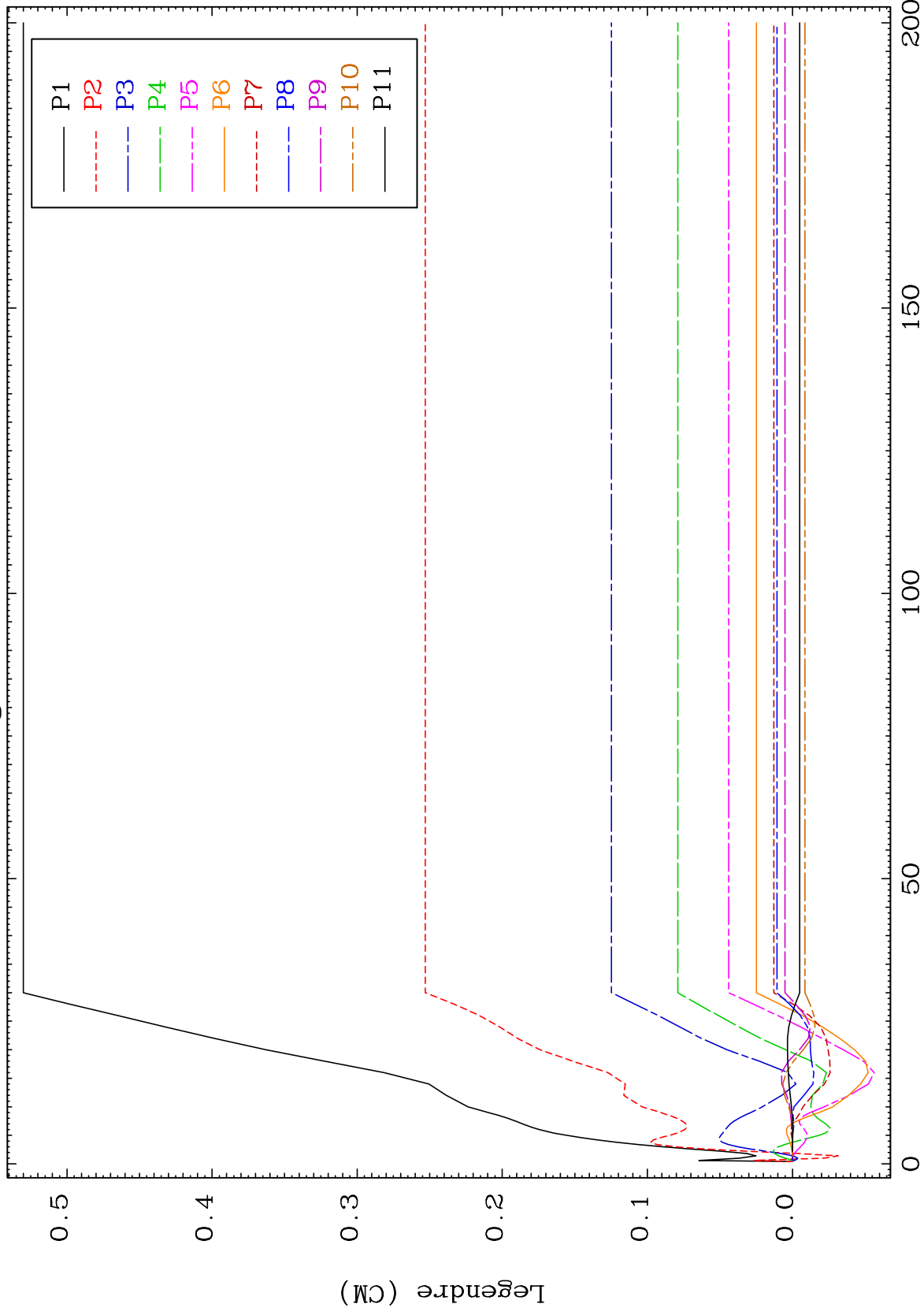




MAT 2325

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

23-V -50



28

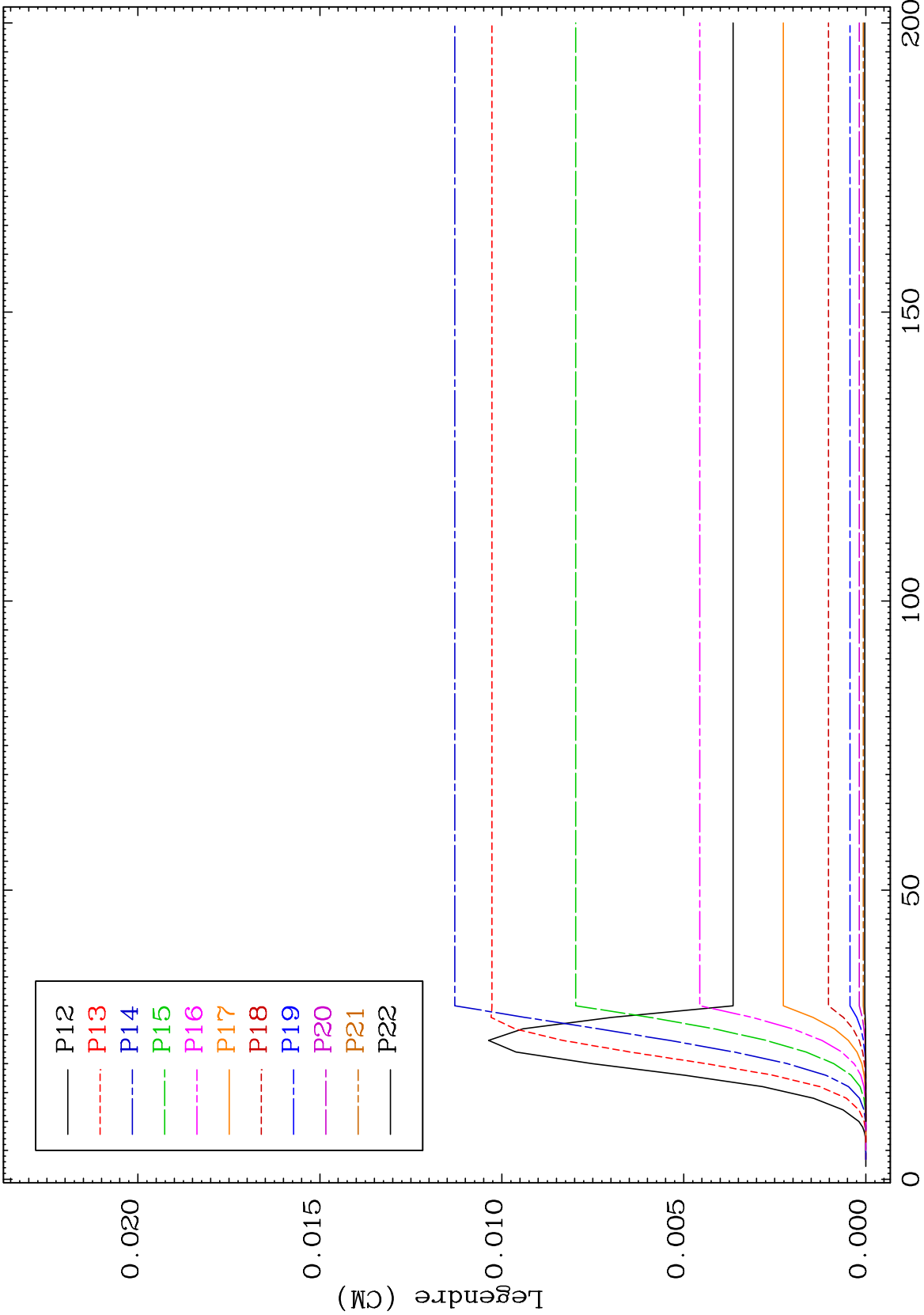
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



29

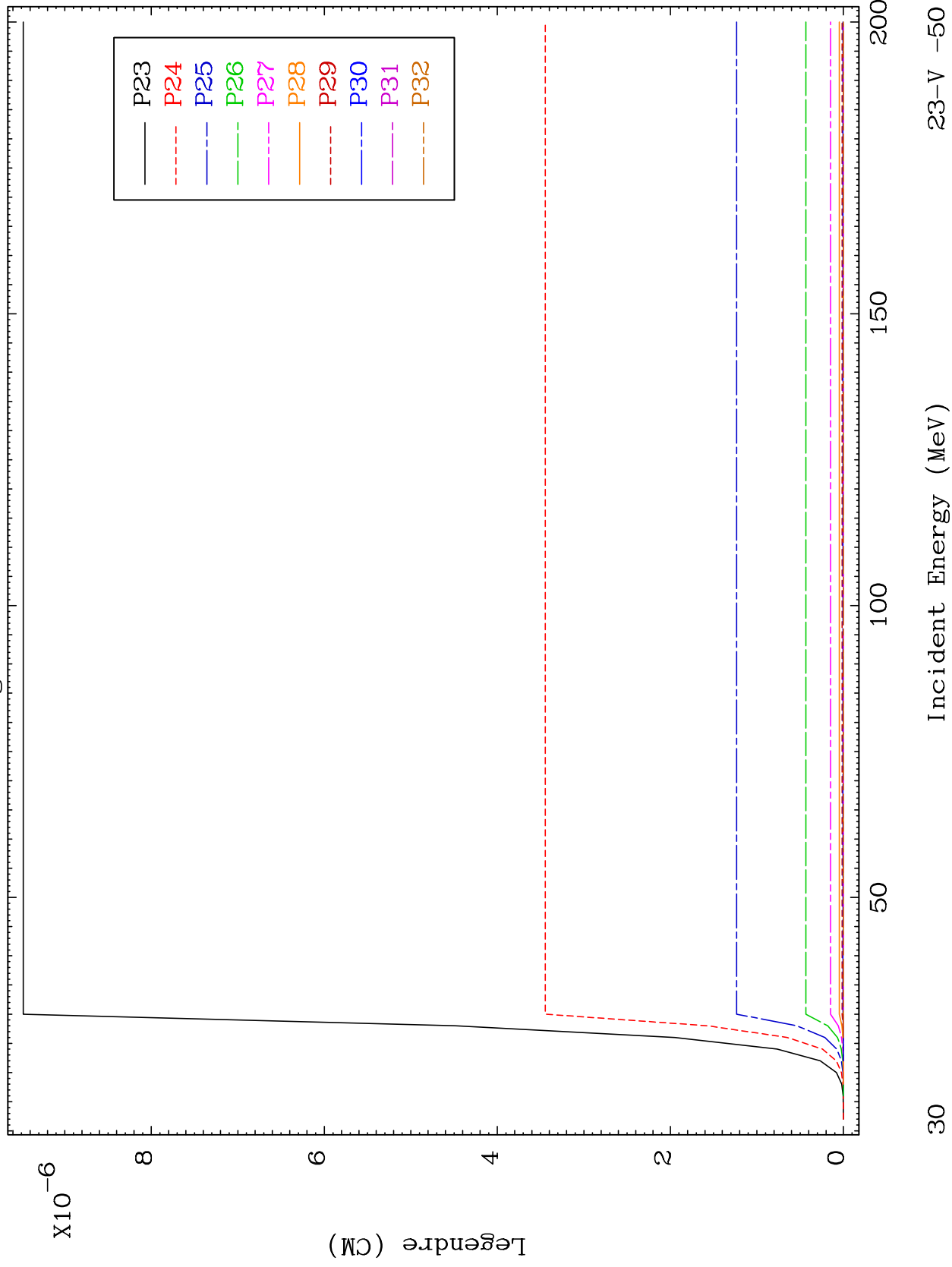
Incident Energy (MeV)

23-V -50

MAT 2325

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

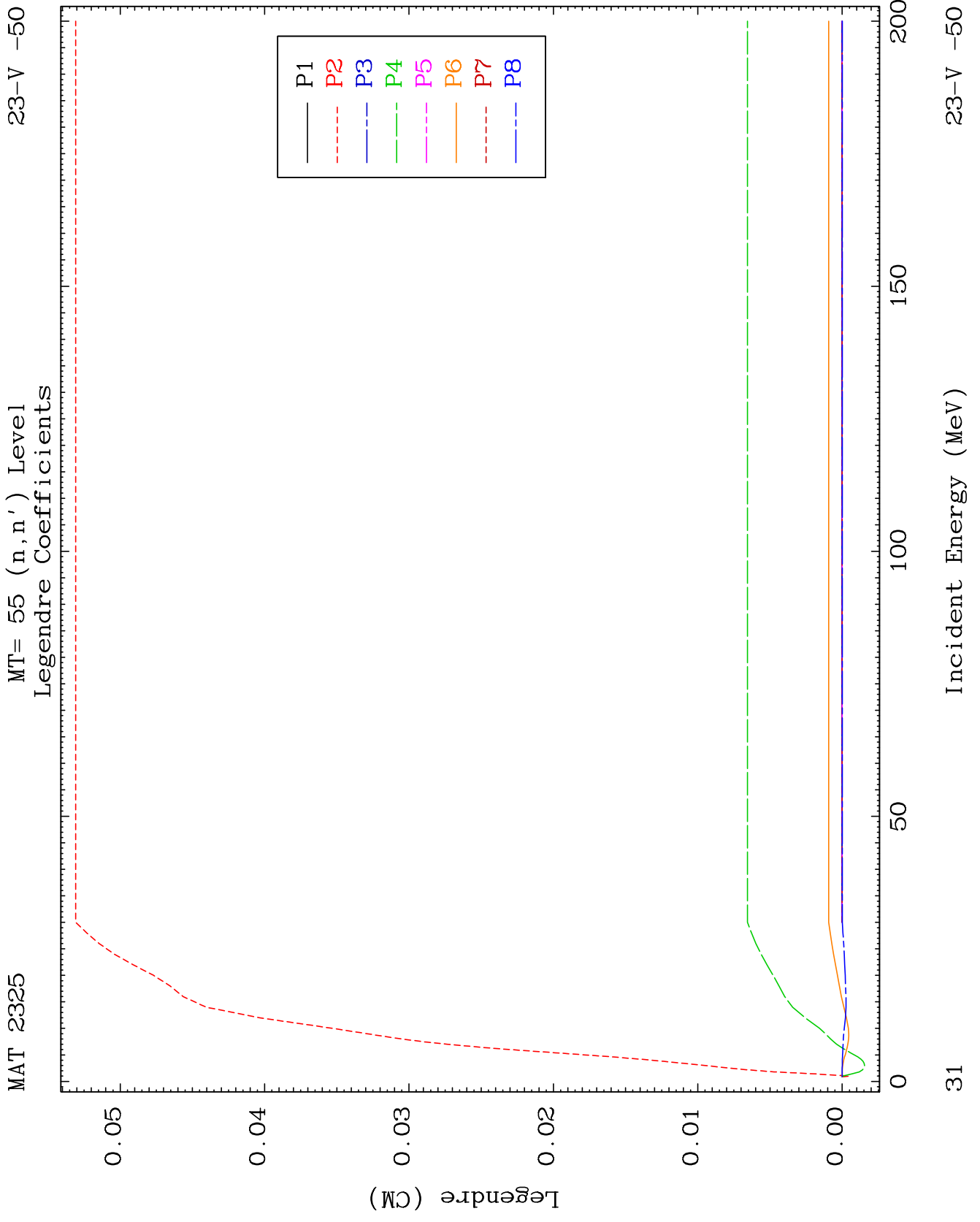
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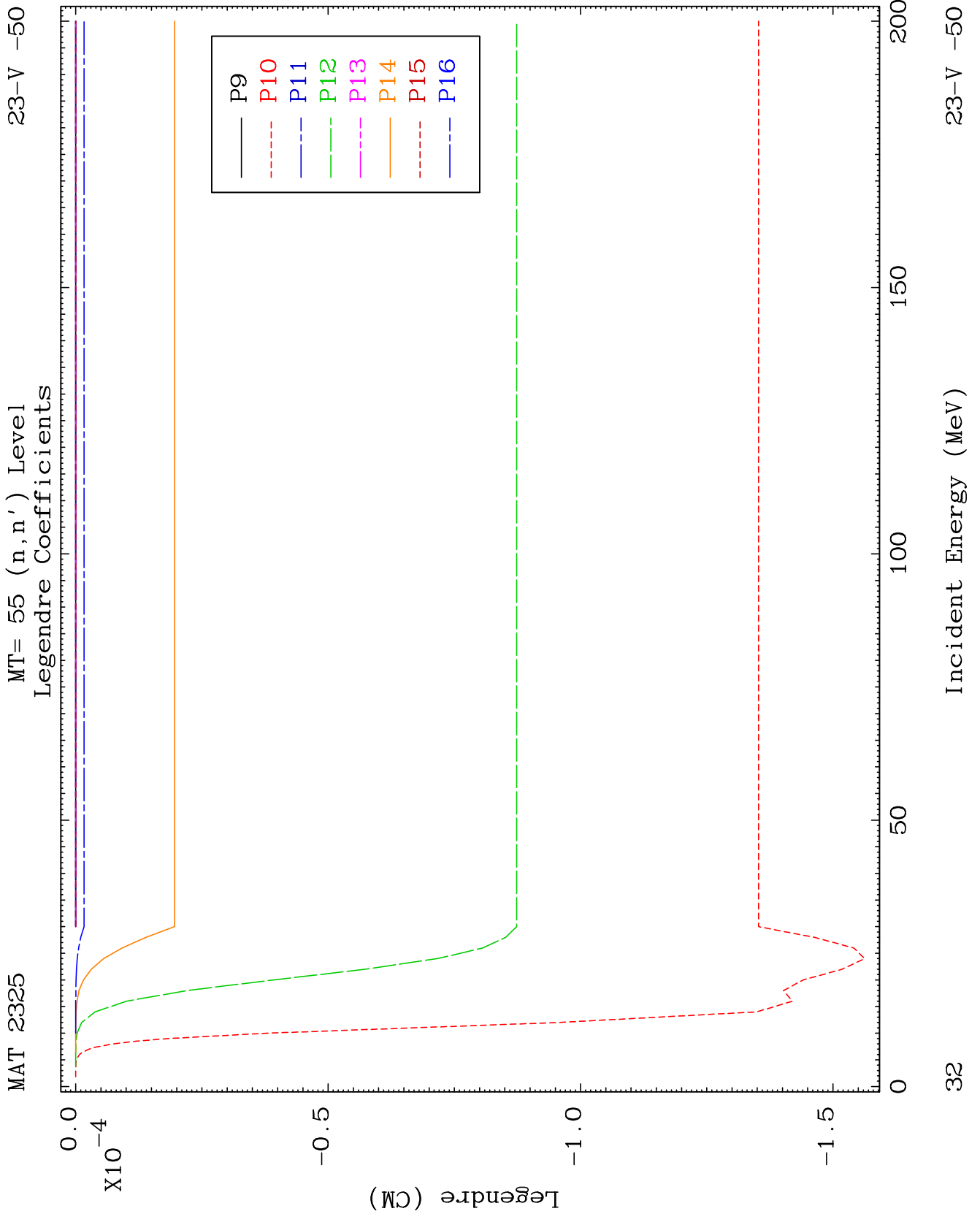


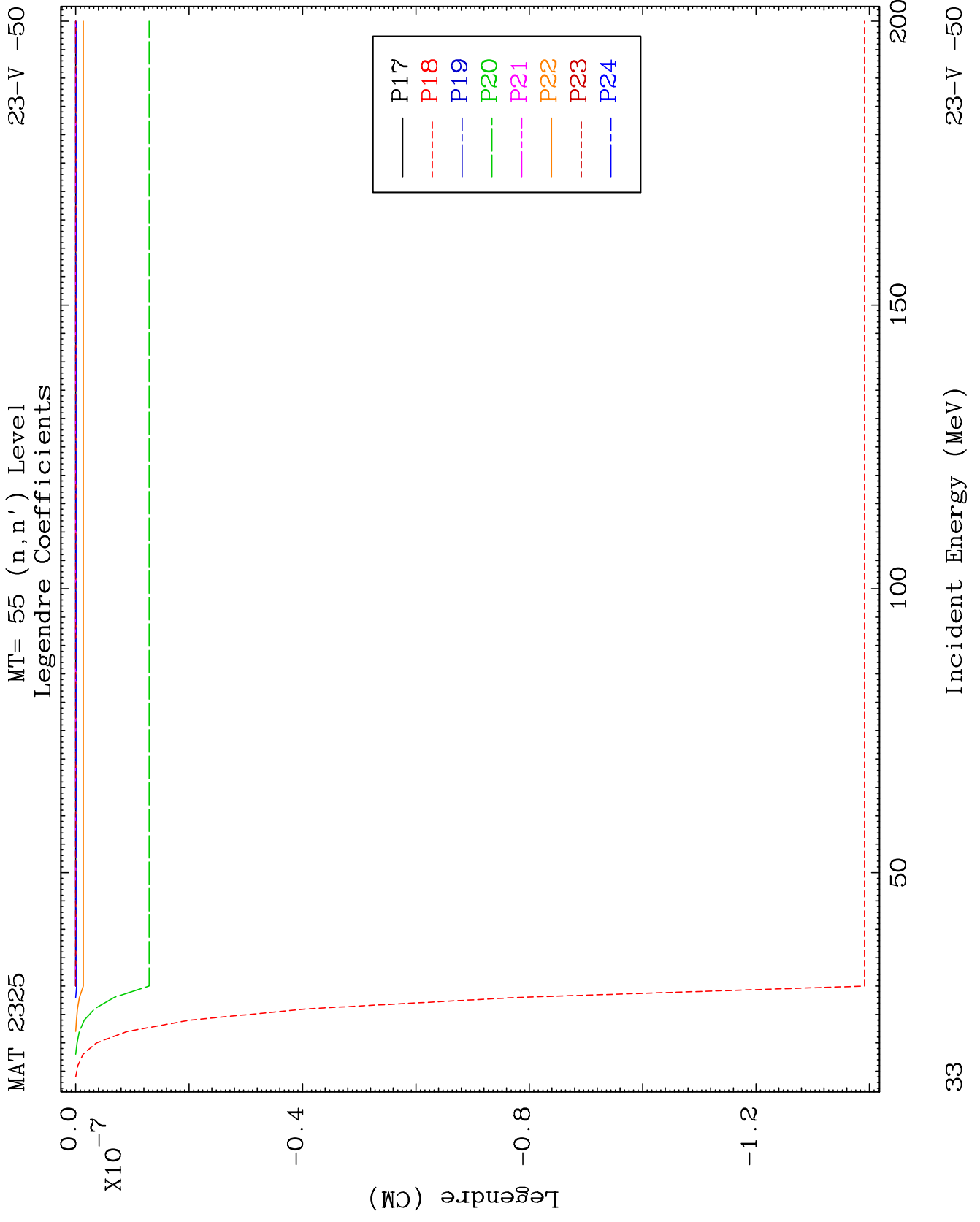
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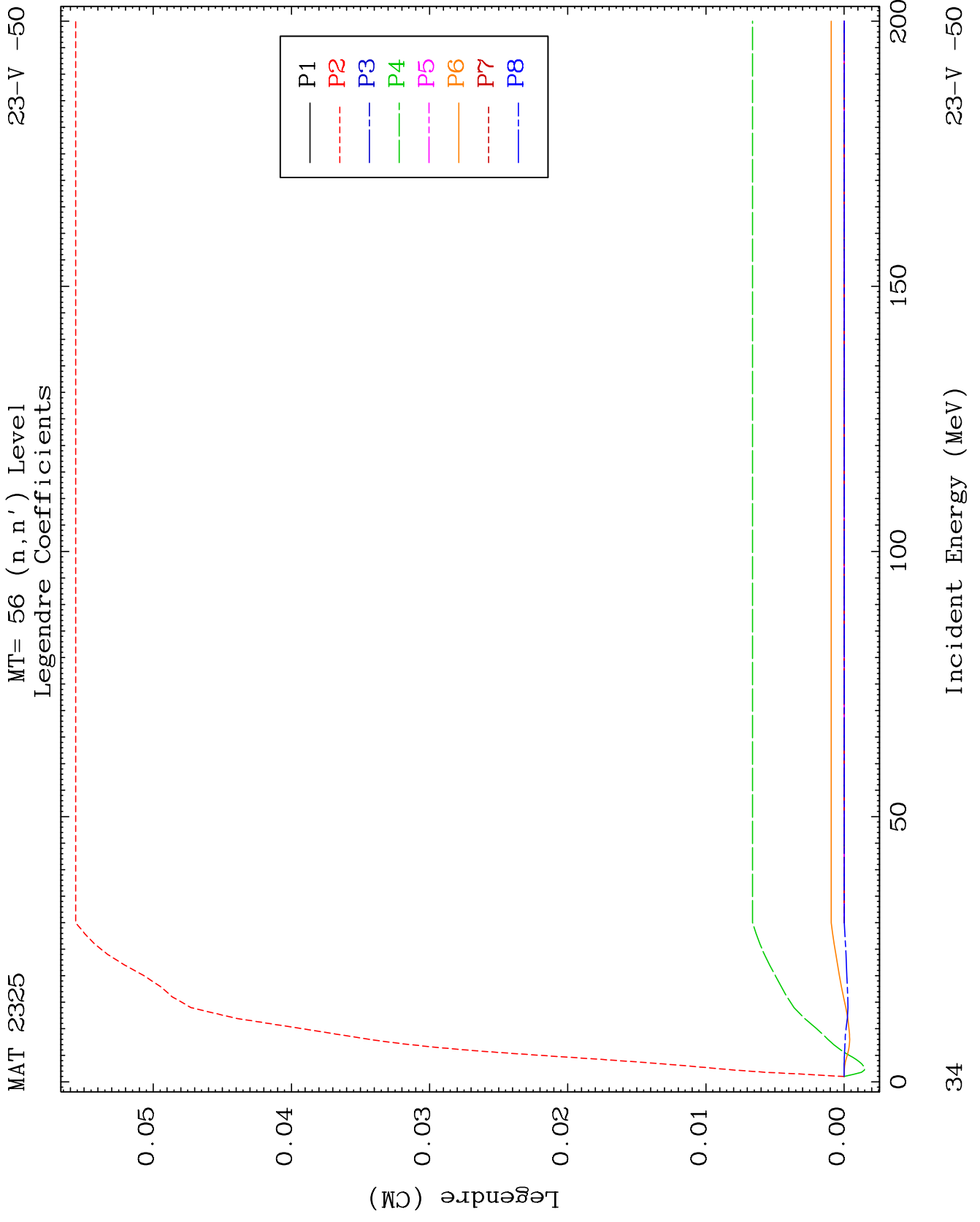
Incident Energy (MeV)

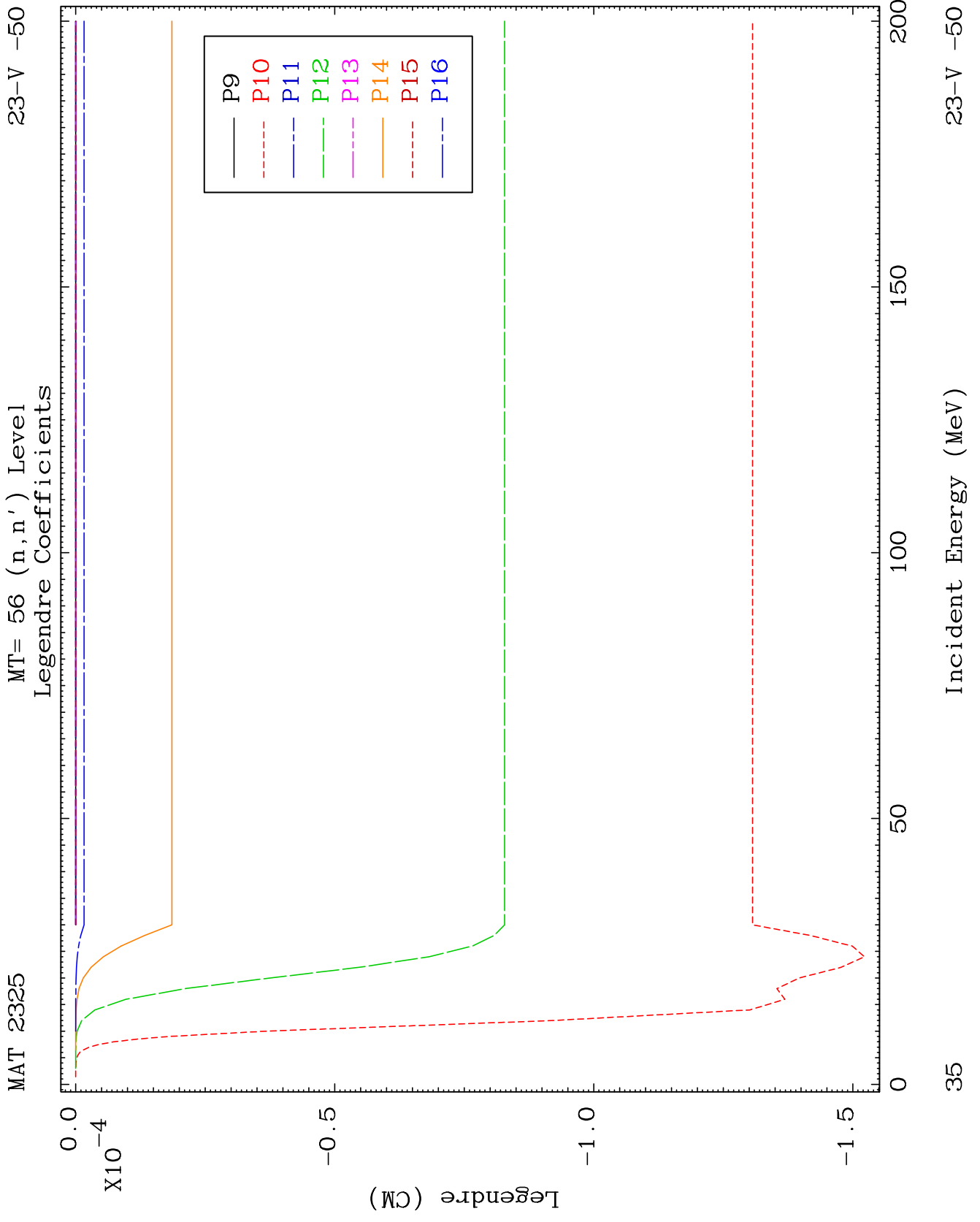
23-V -50

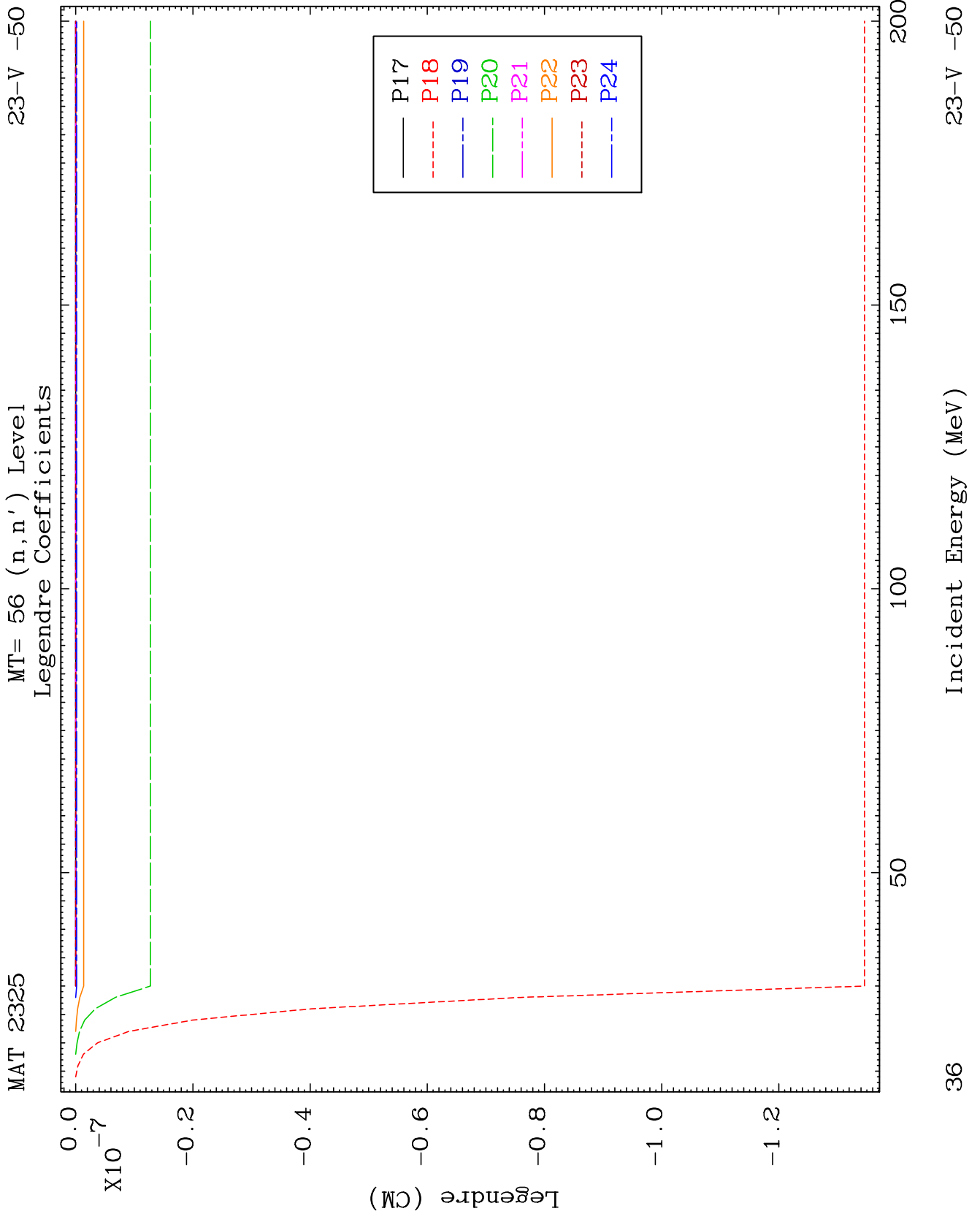








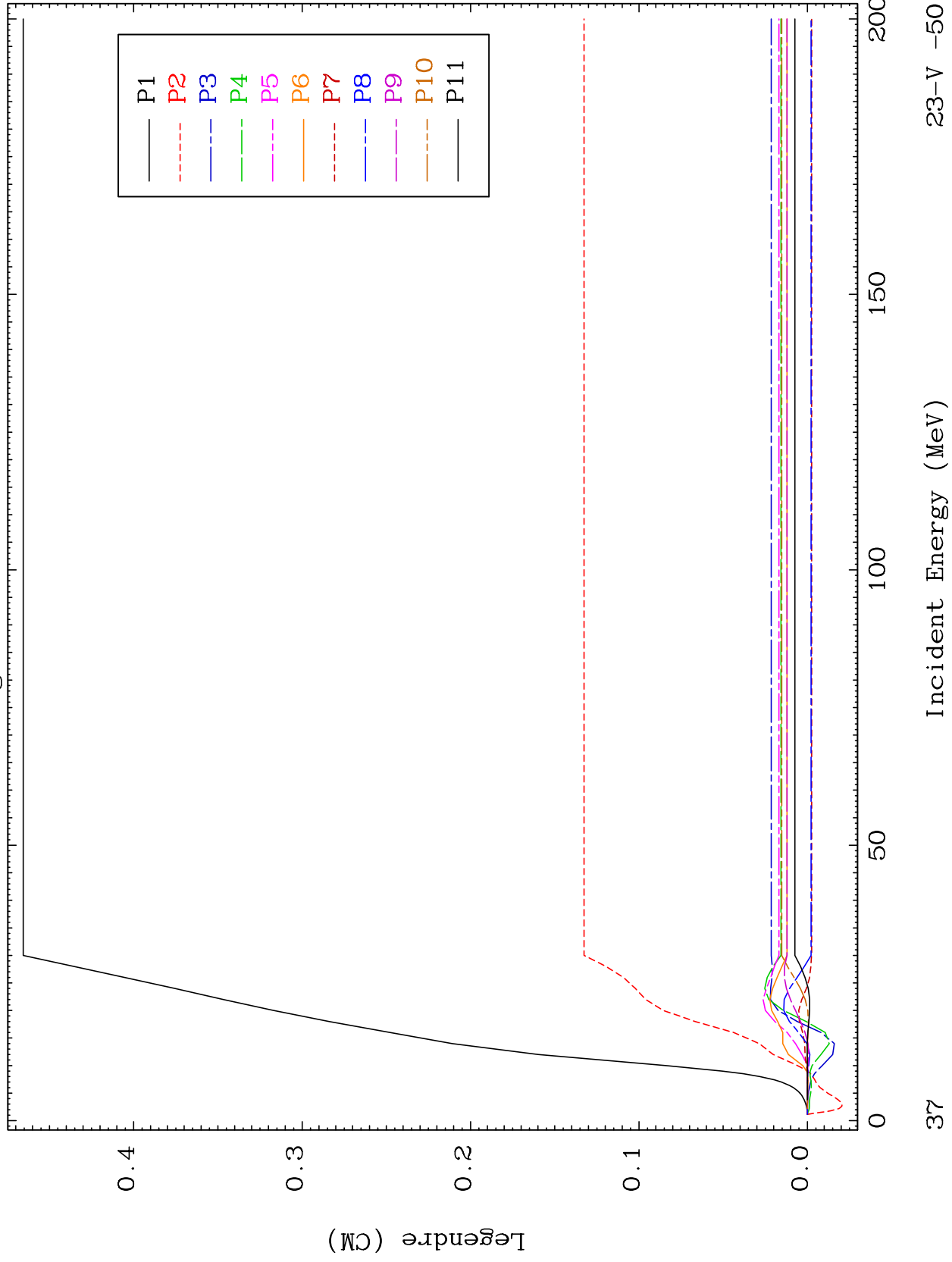




MAT 2325

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

23-V -50



37

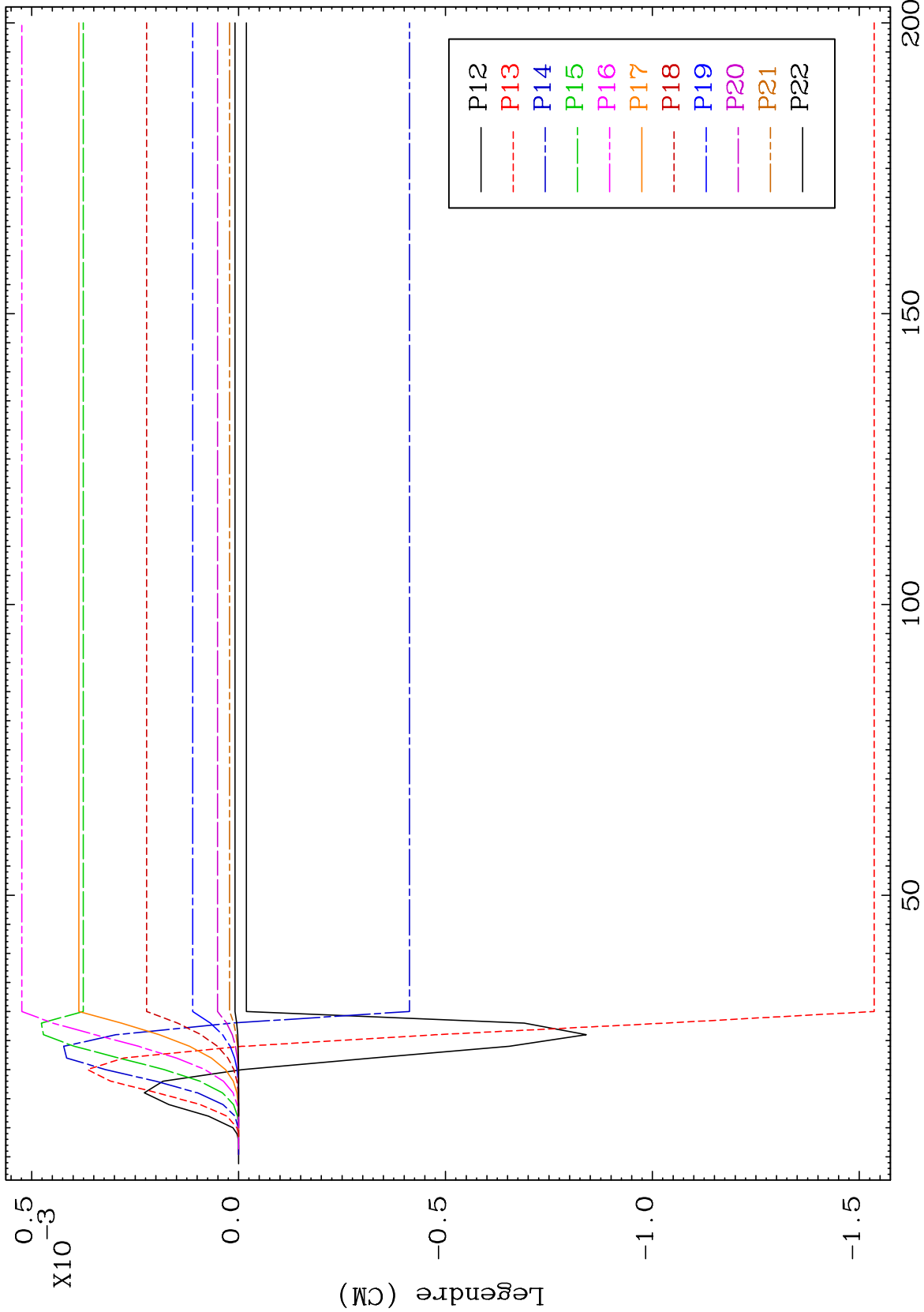
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



38

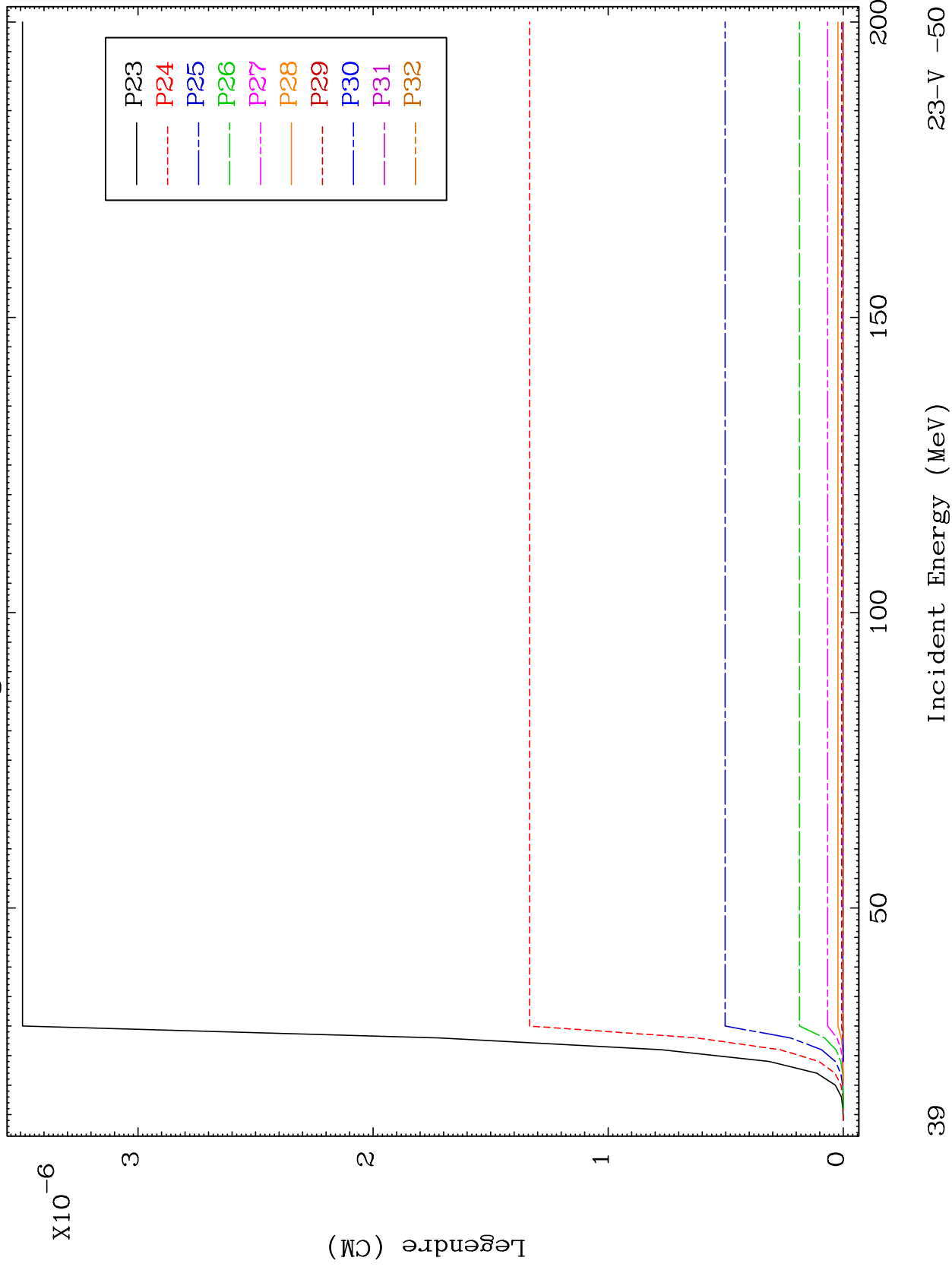
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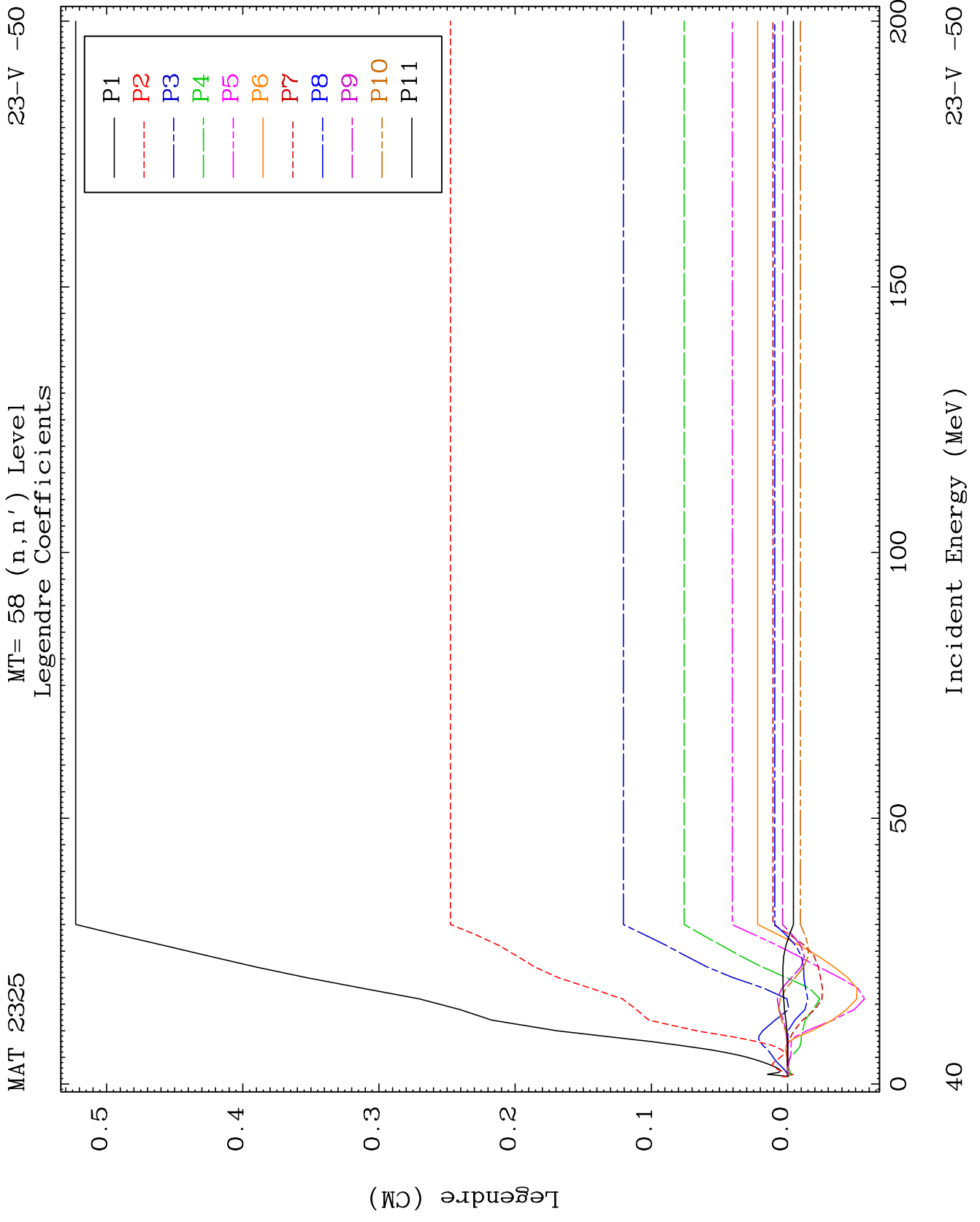
23-V -50

MAT 2325

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

23-V -50

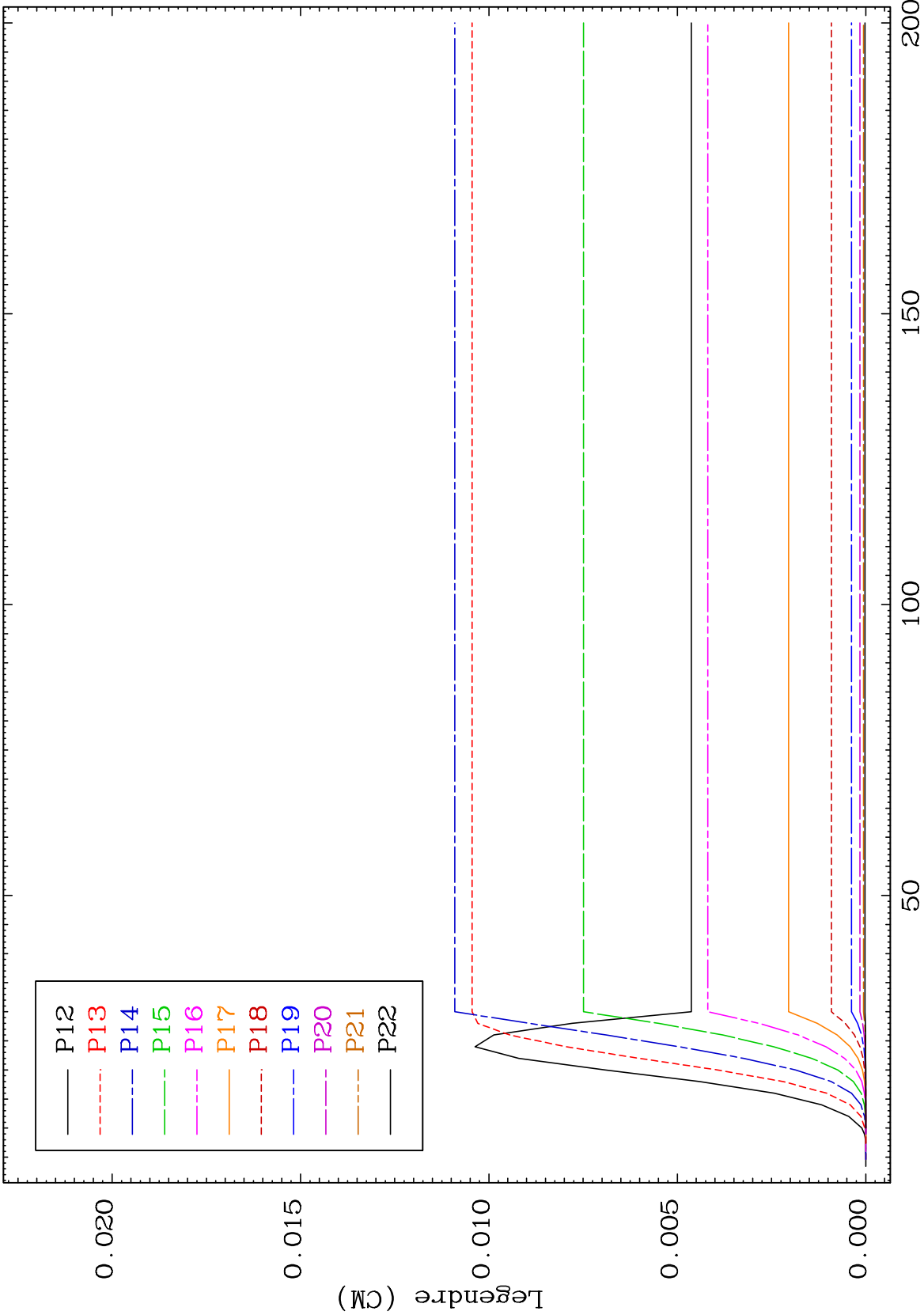




MAT 2325

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

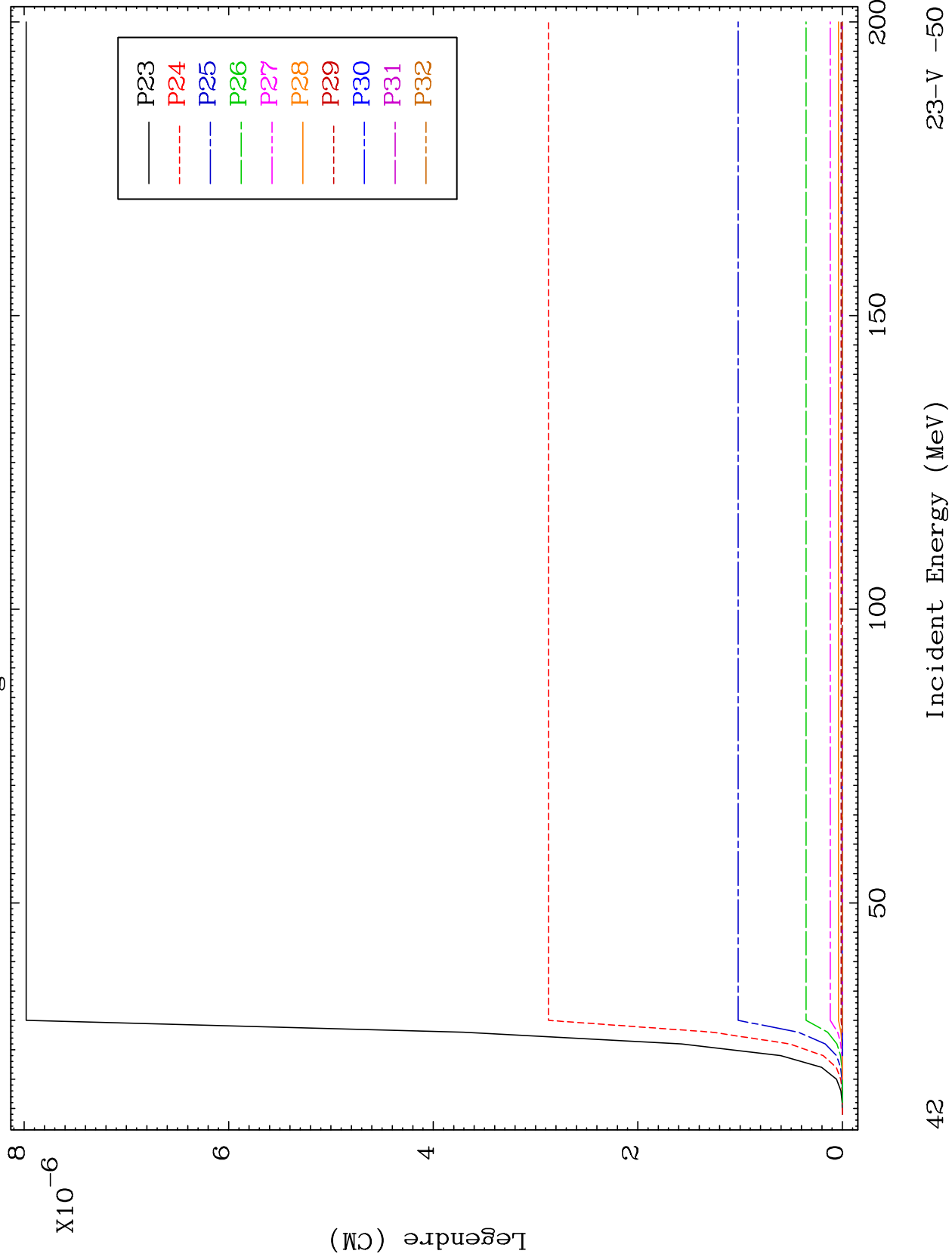
23-V -50



MAT 2325

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

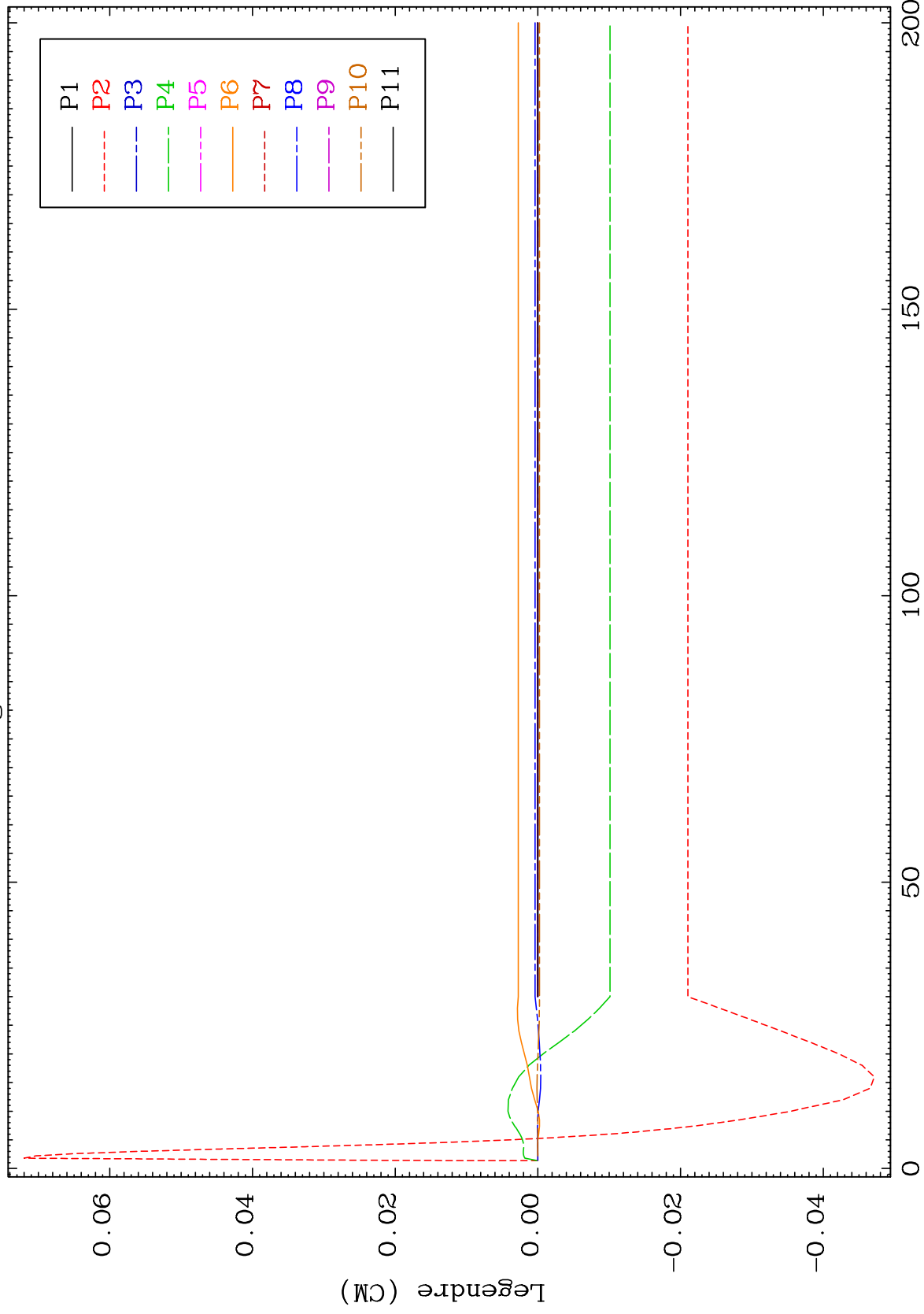
23-V -50



MAT 2325

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

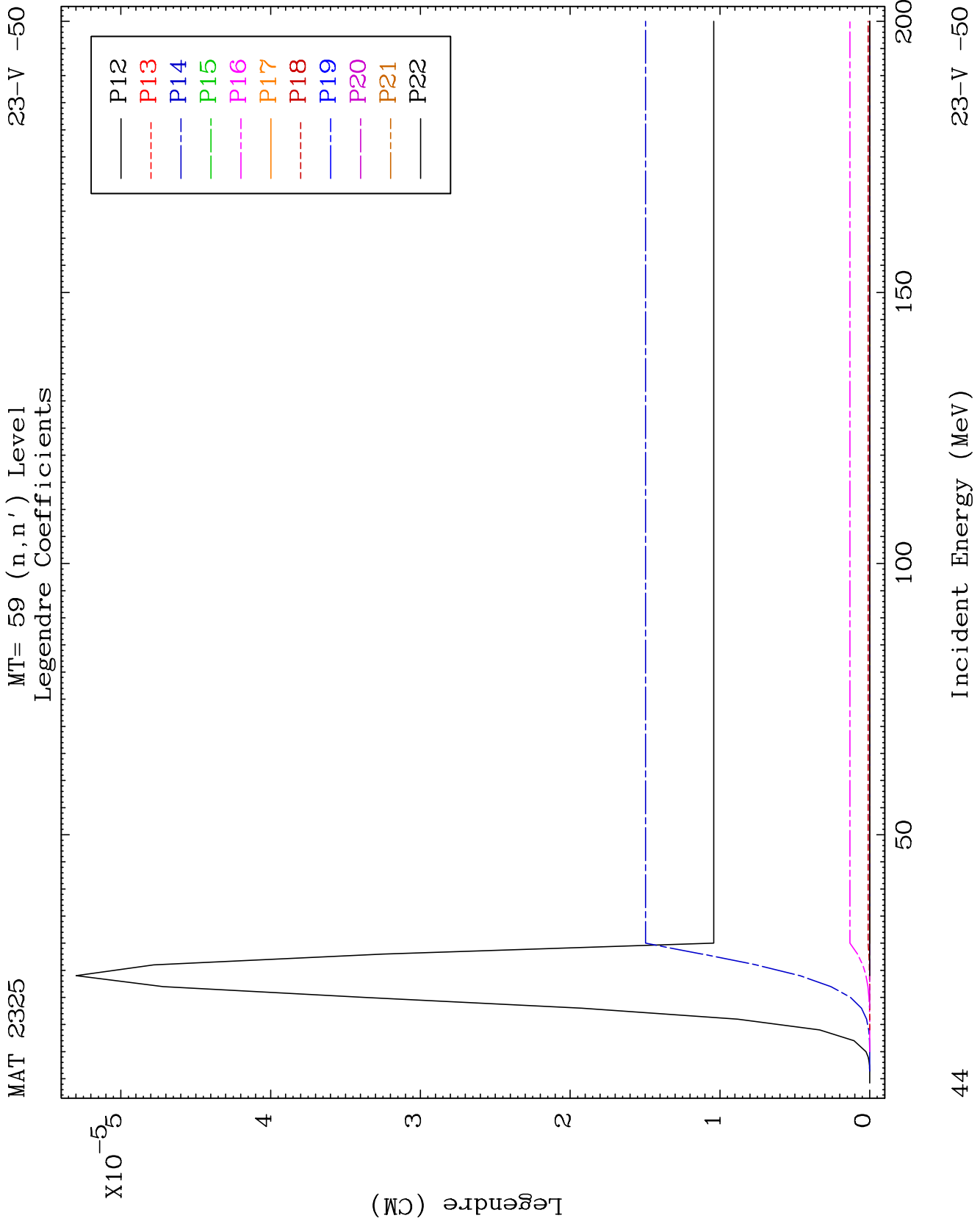
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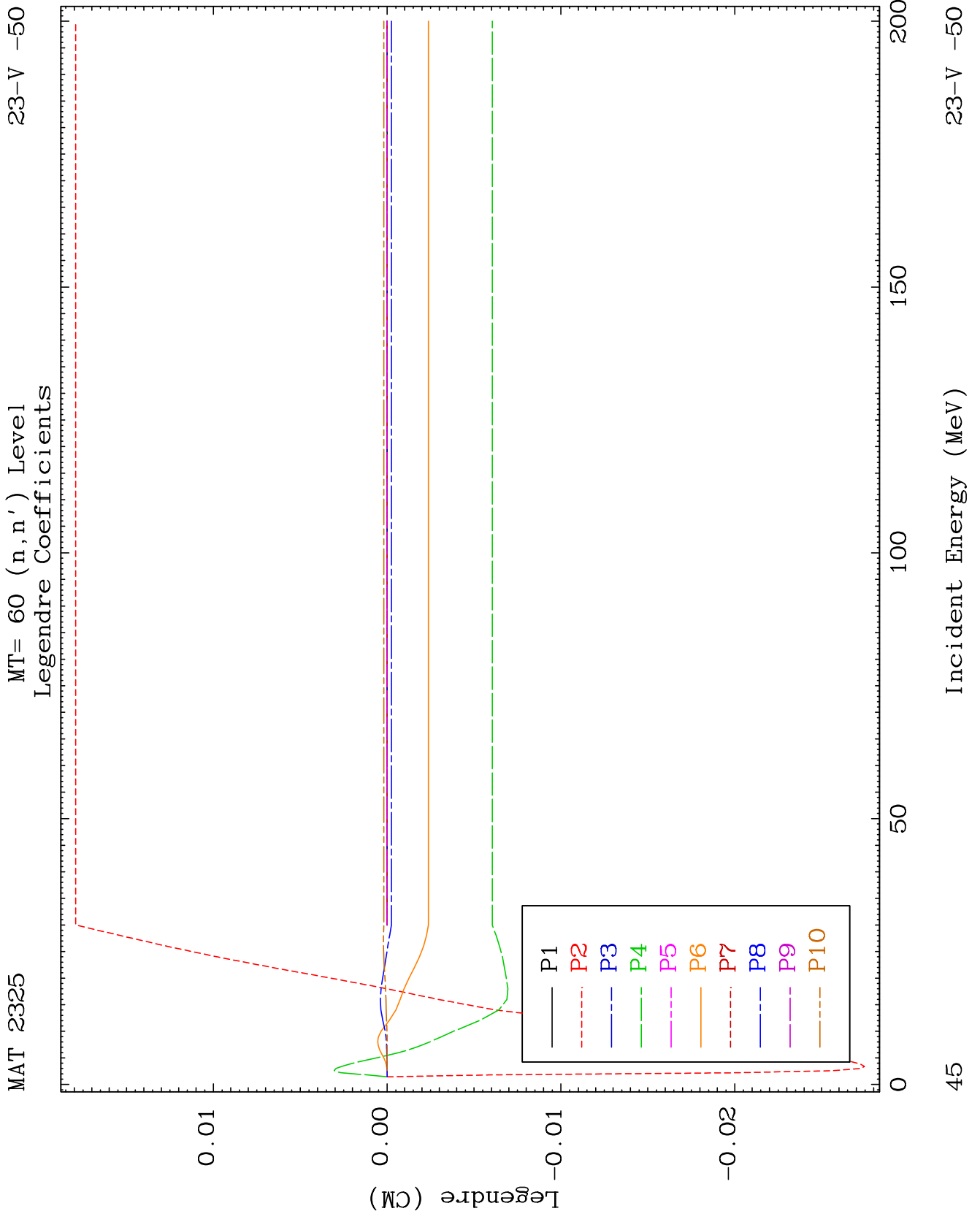


43

Incident Energy (MeV)

23-V -50

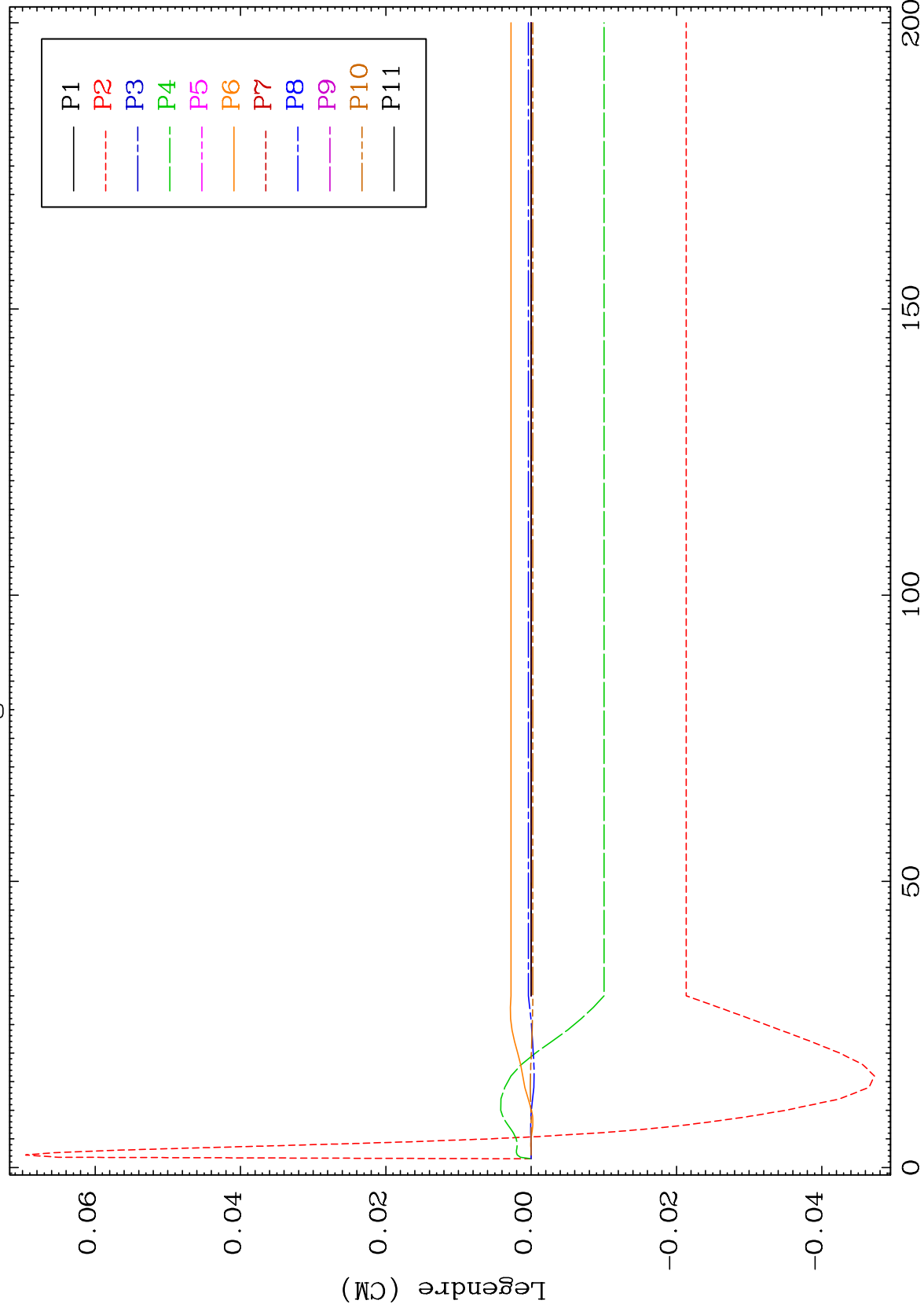




MAT 2325

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

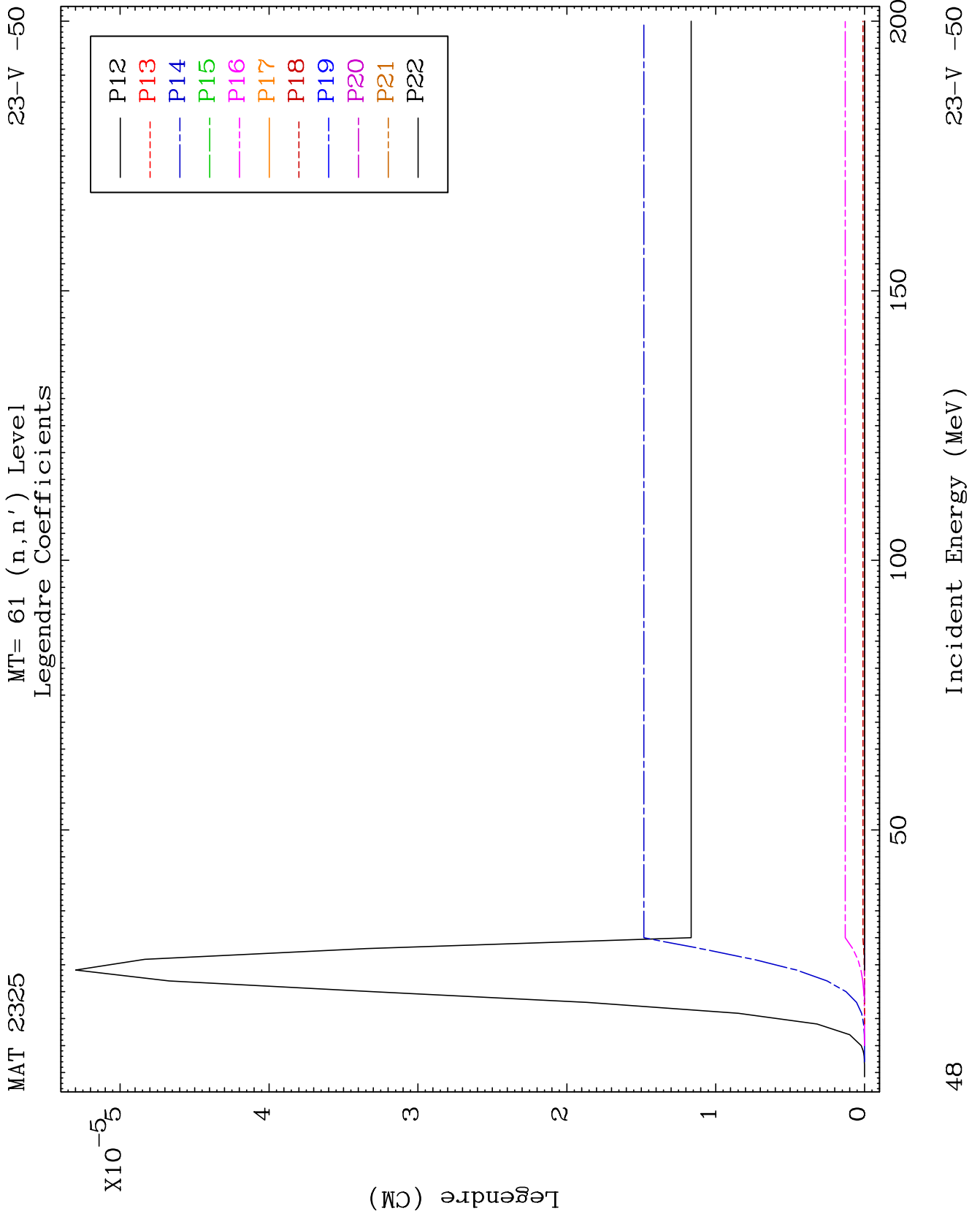
23-V -50



47

Incident Energy (MeV)

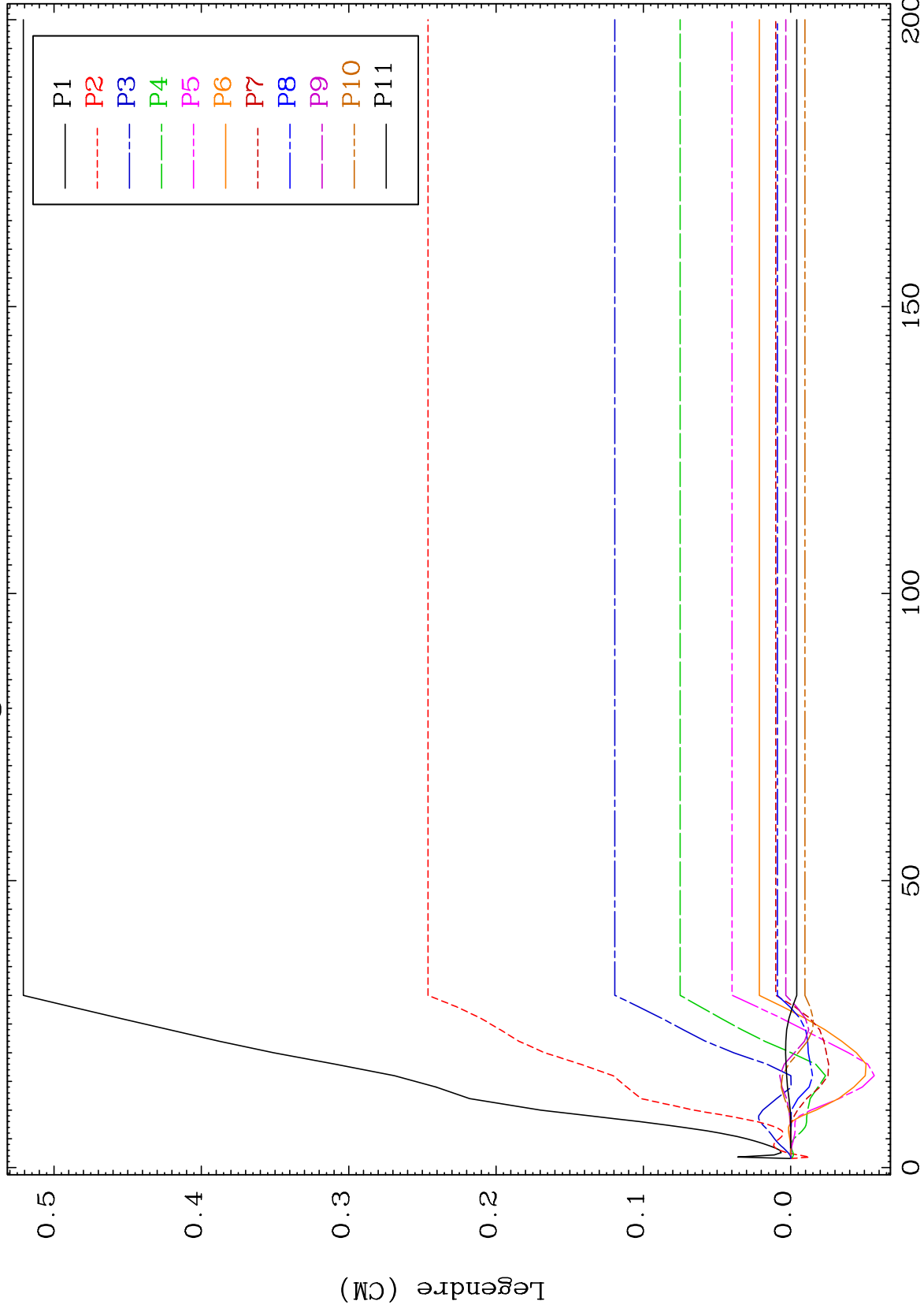
23-V -50



MAT 2325

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

23-V -50



49

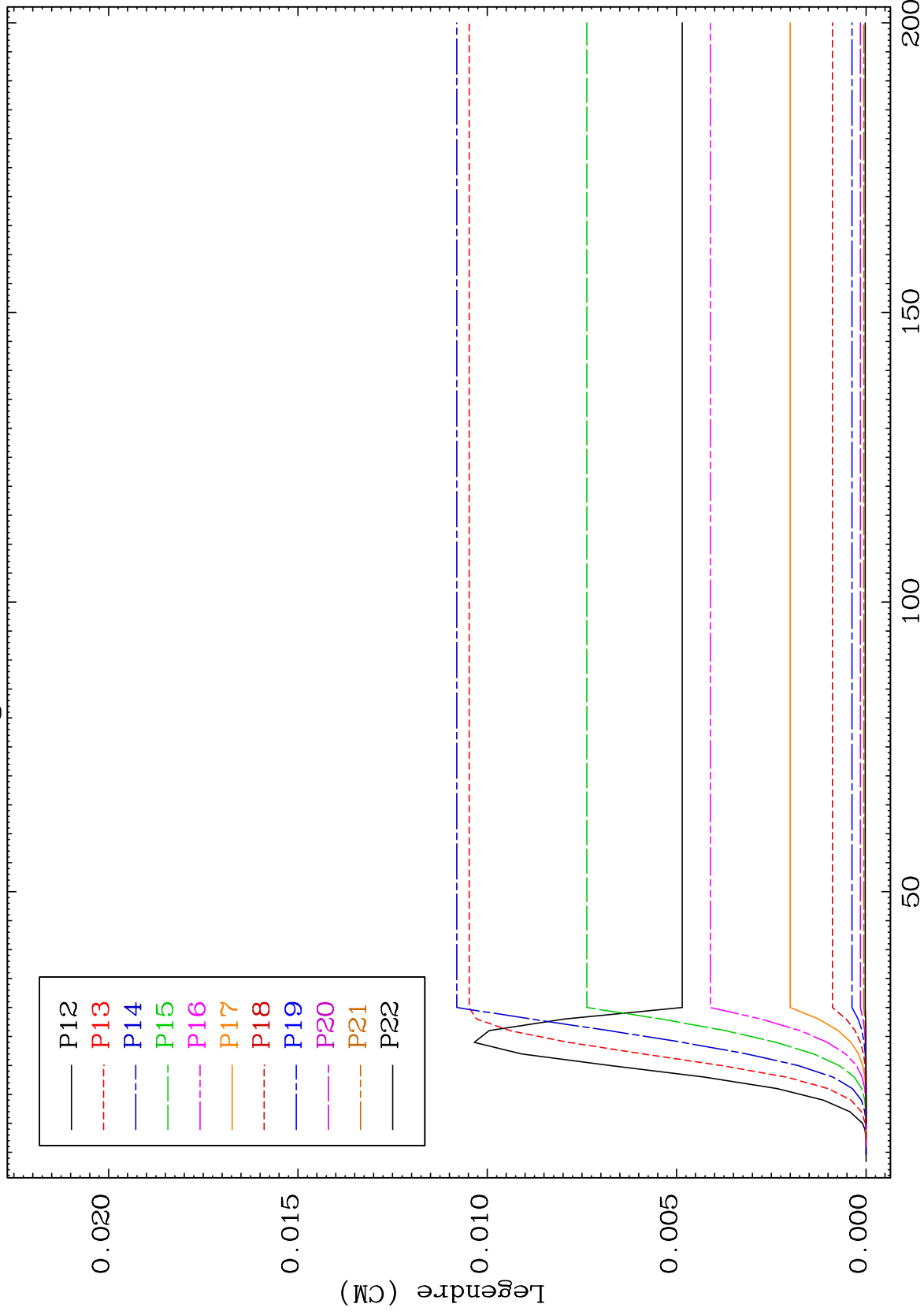
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



50

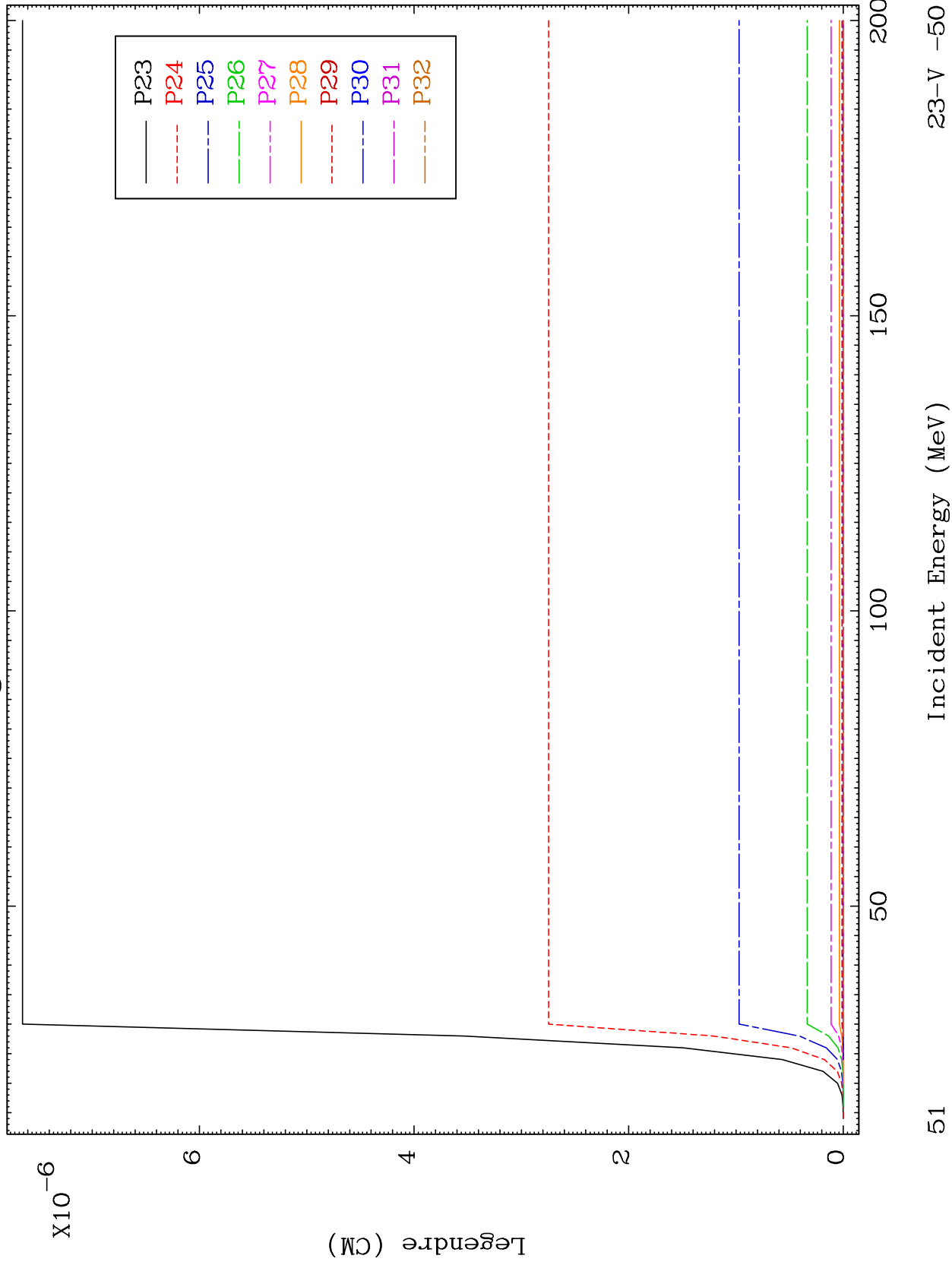
Incident Energy (MeV)

23-V -50

MAT 2325

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

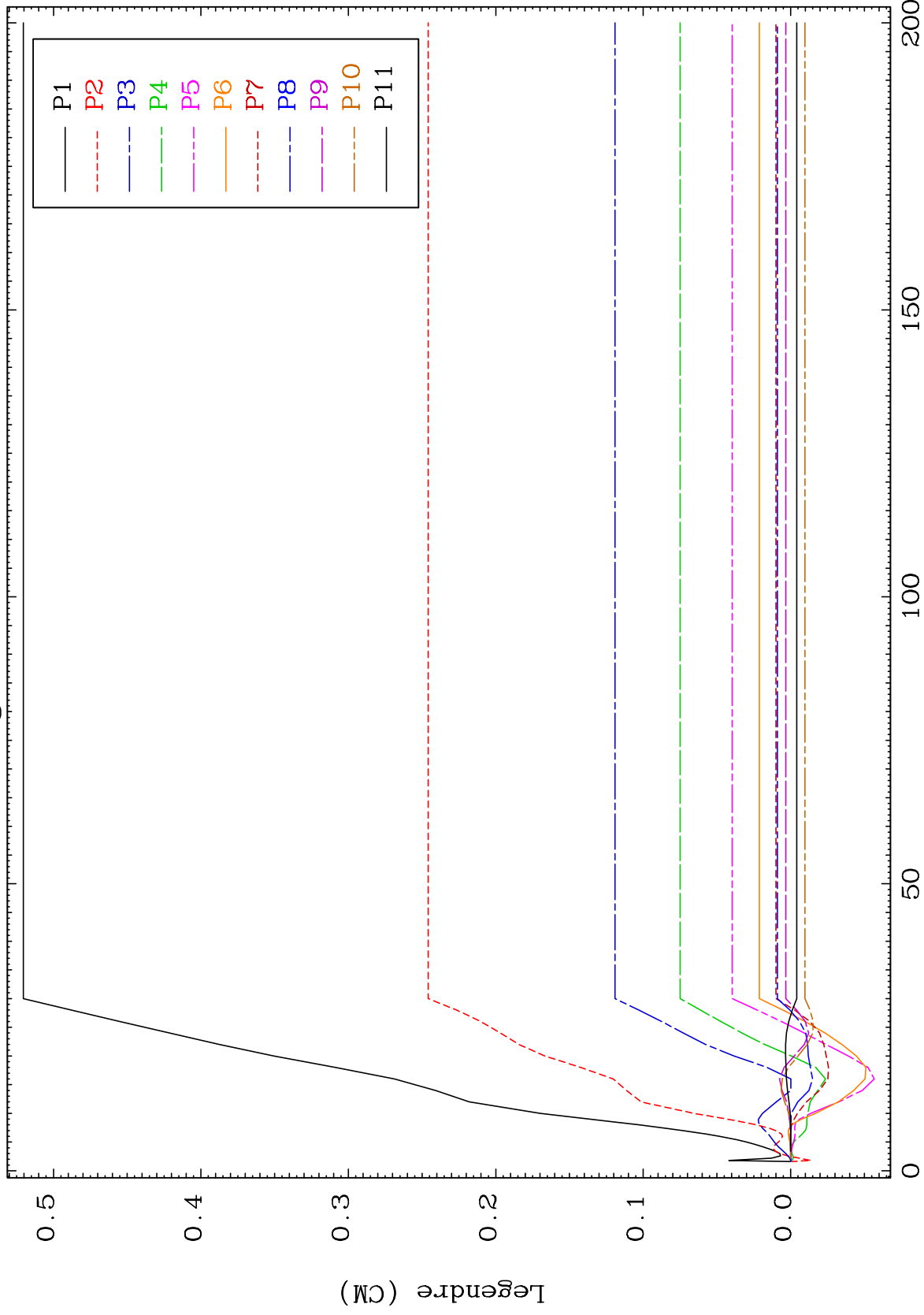
23-V -50



MAT 2325

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

23-V -50



52

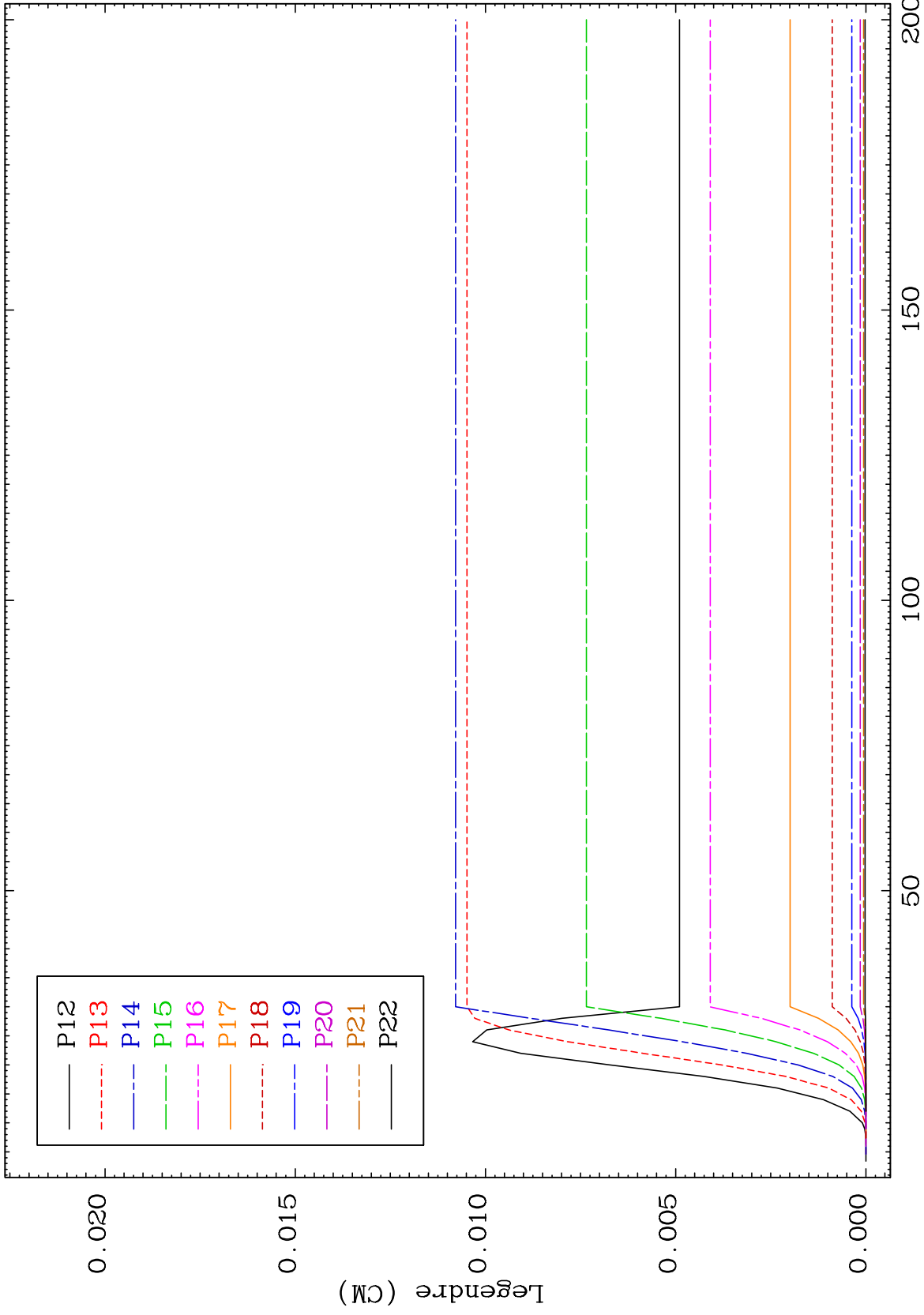
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



53

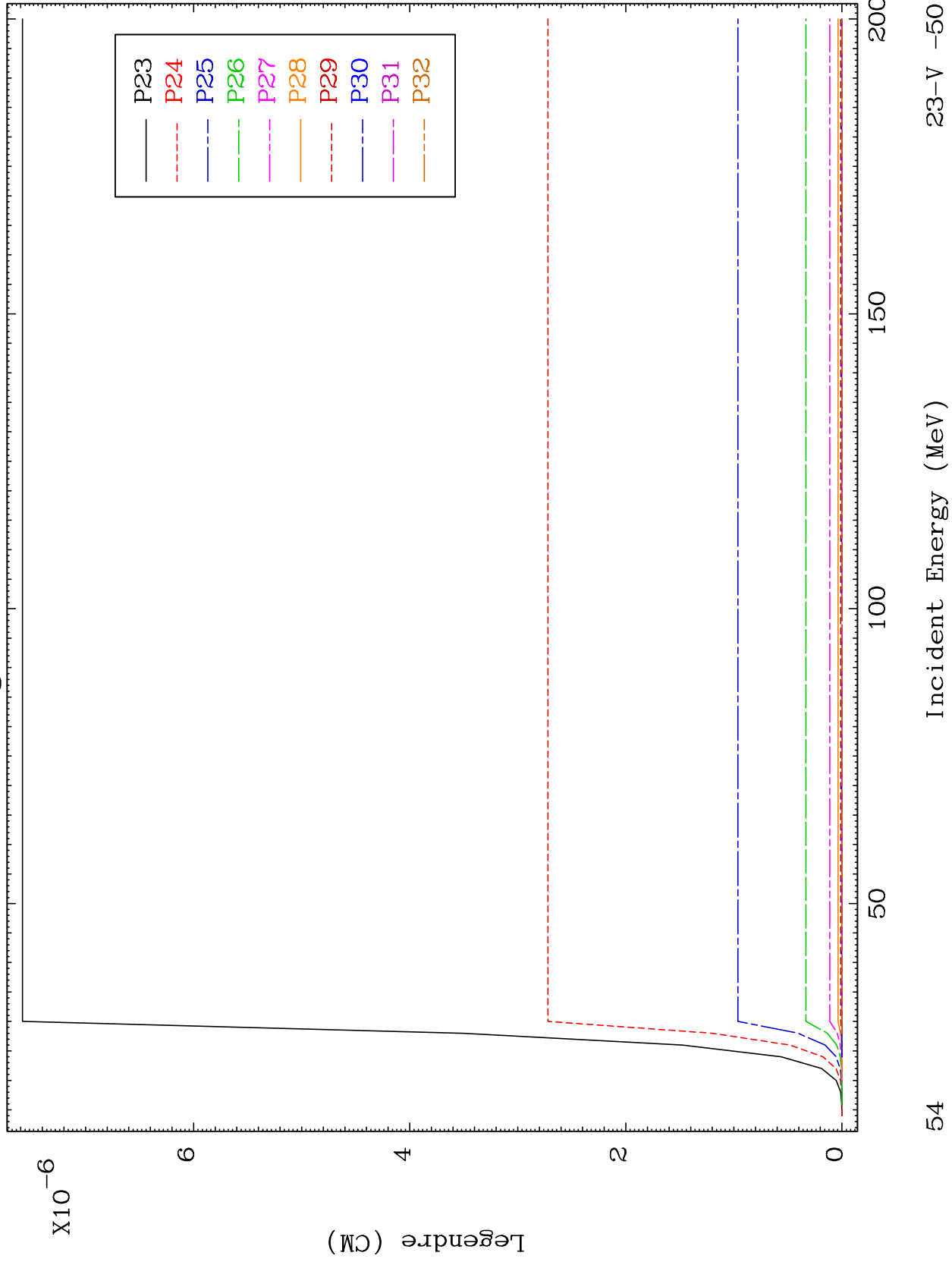
Incident Energy (MeV)

23-V -50

MAT 2325

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

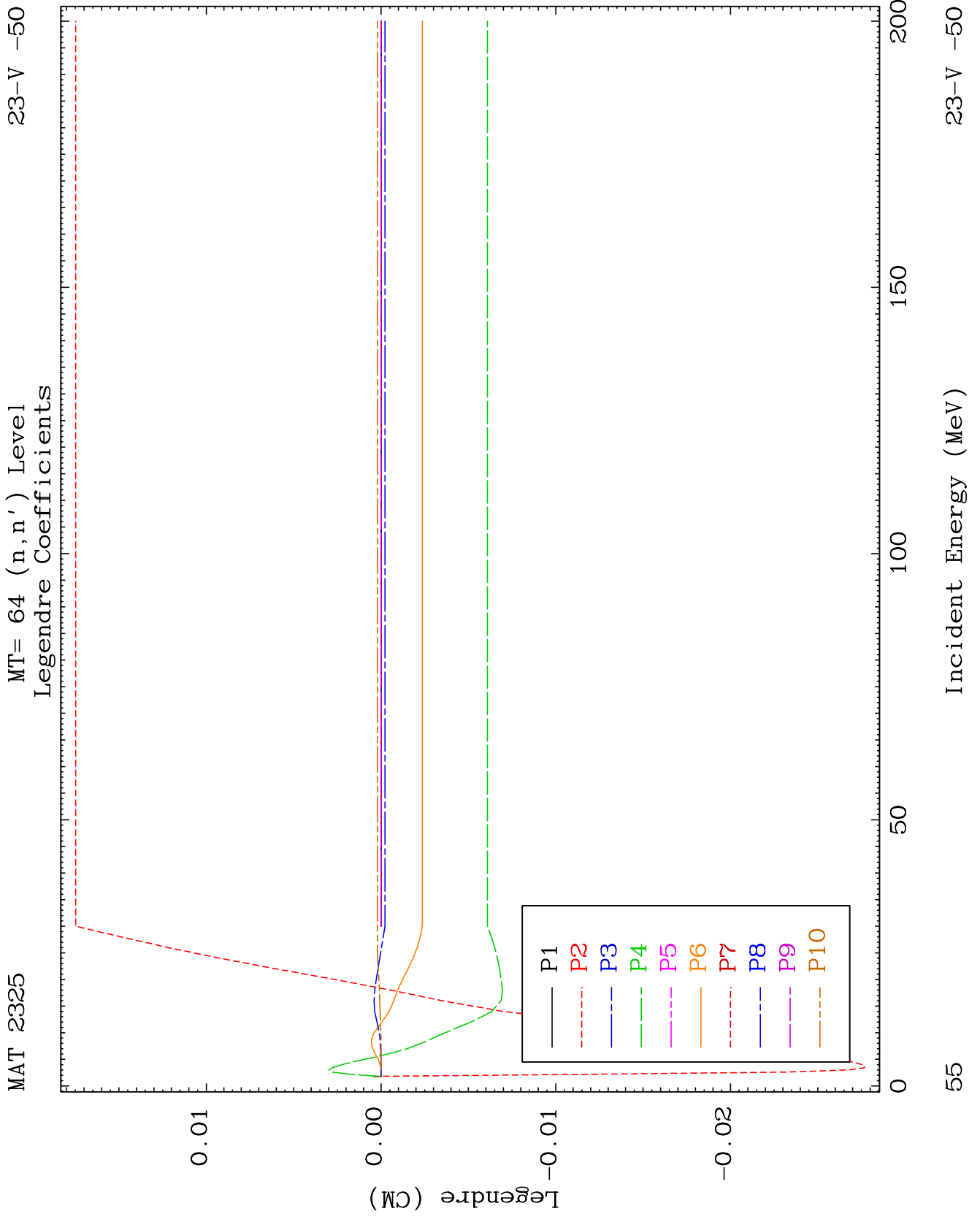
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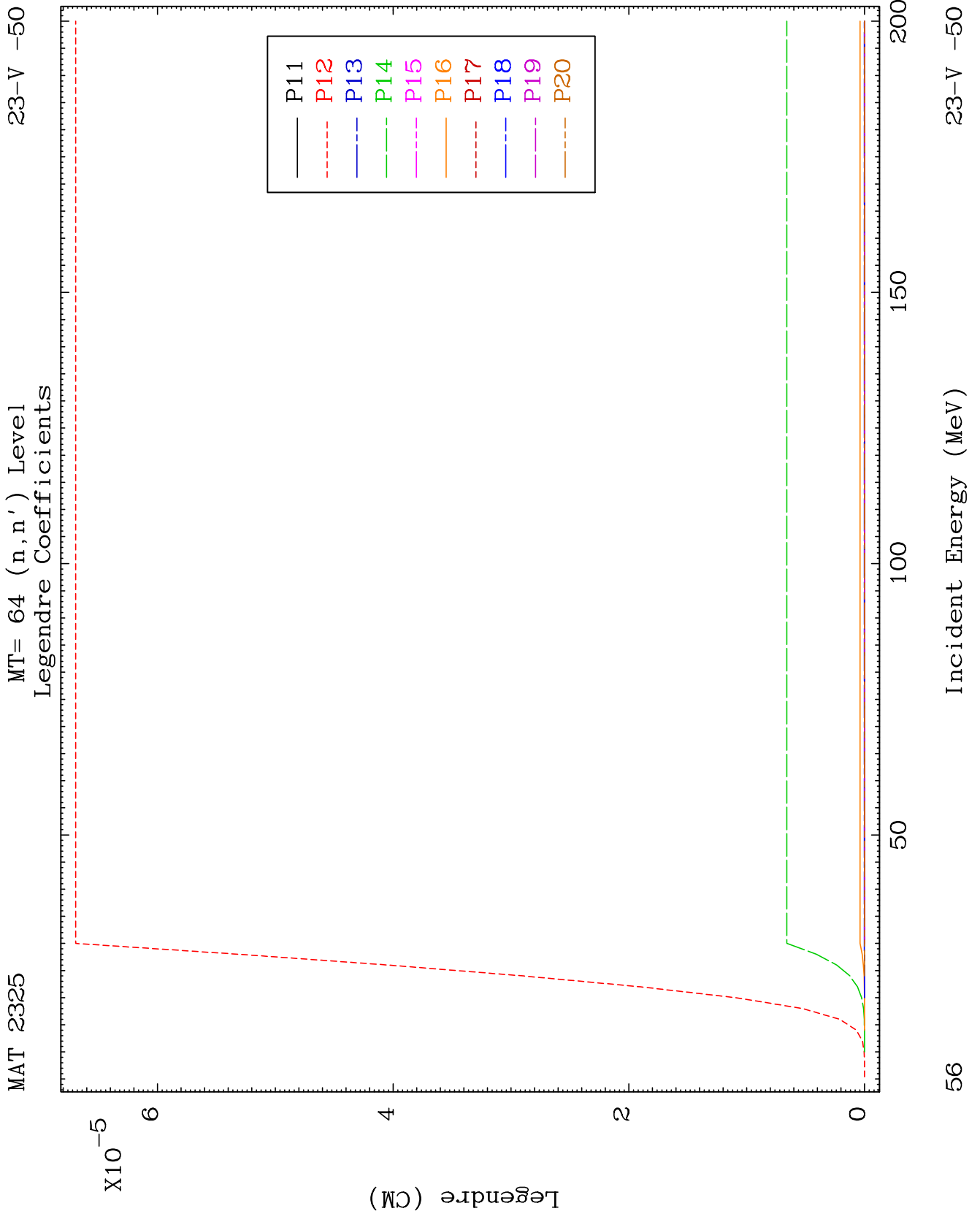


54

Incident Energy (MeV)

23-V -50

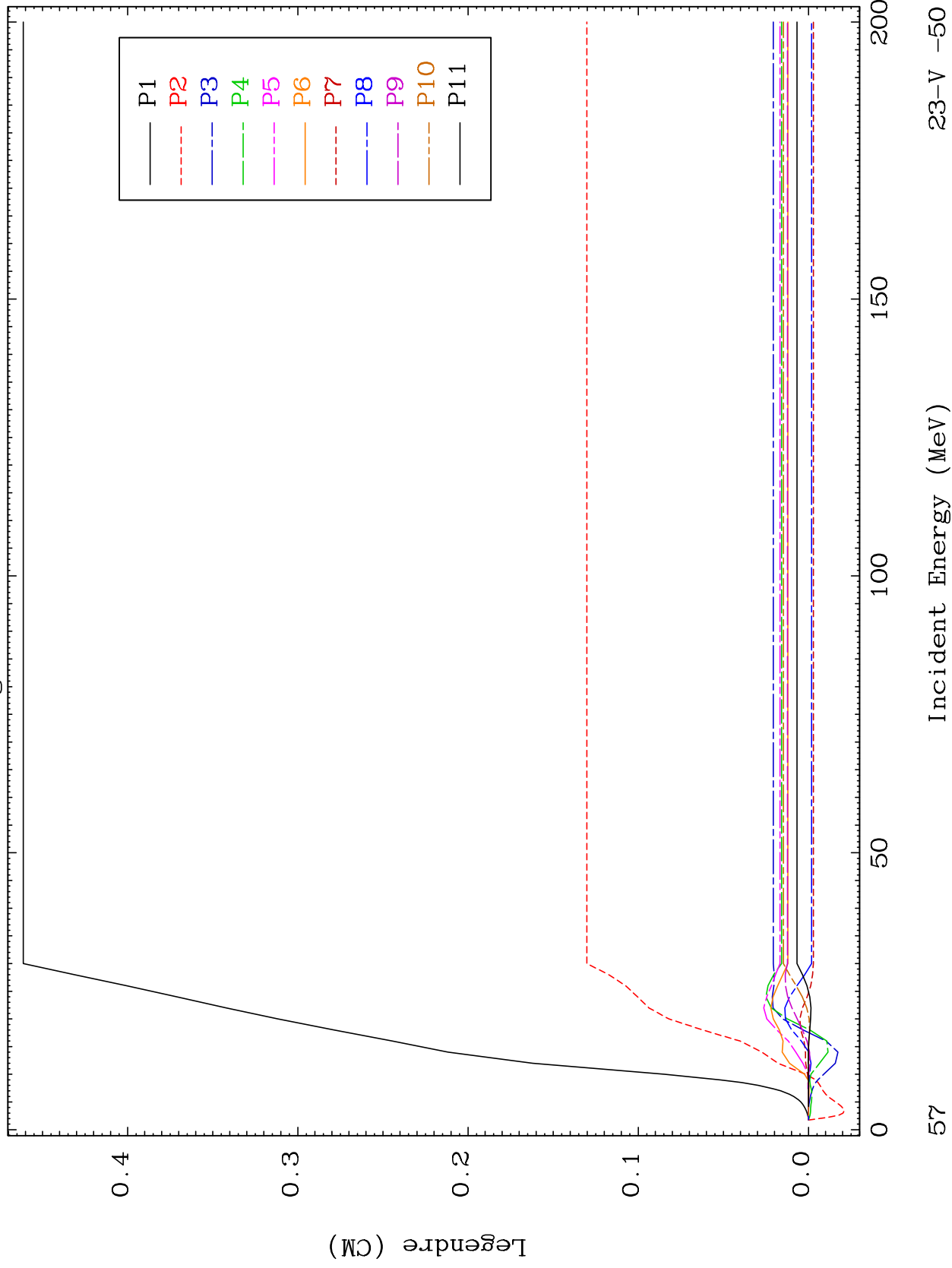




MAT 2325

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

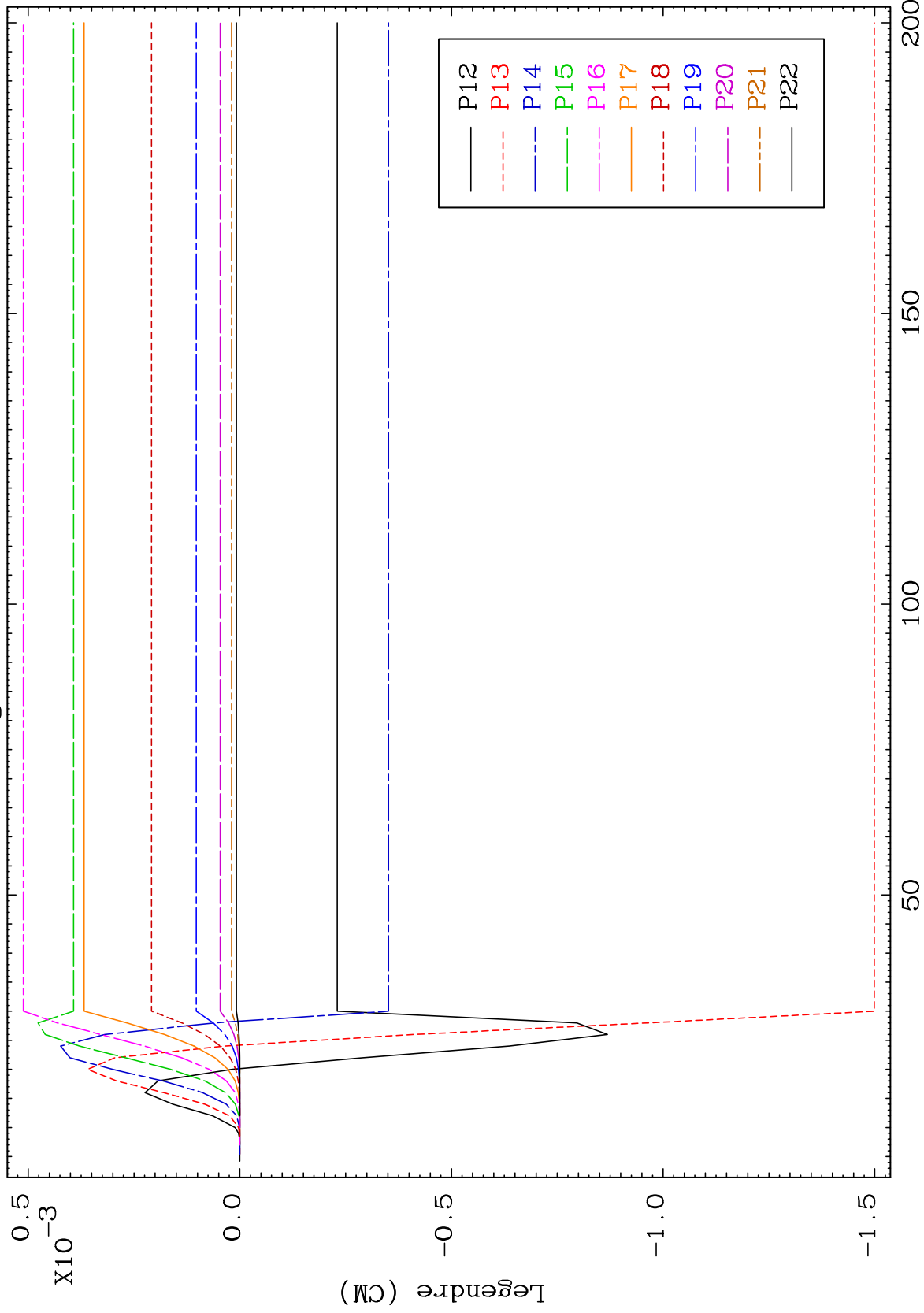
23-V -50



MAT 2325

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

23-V -50



58

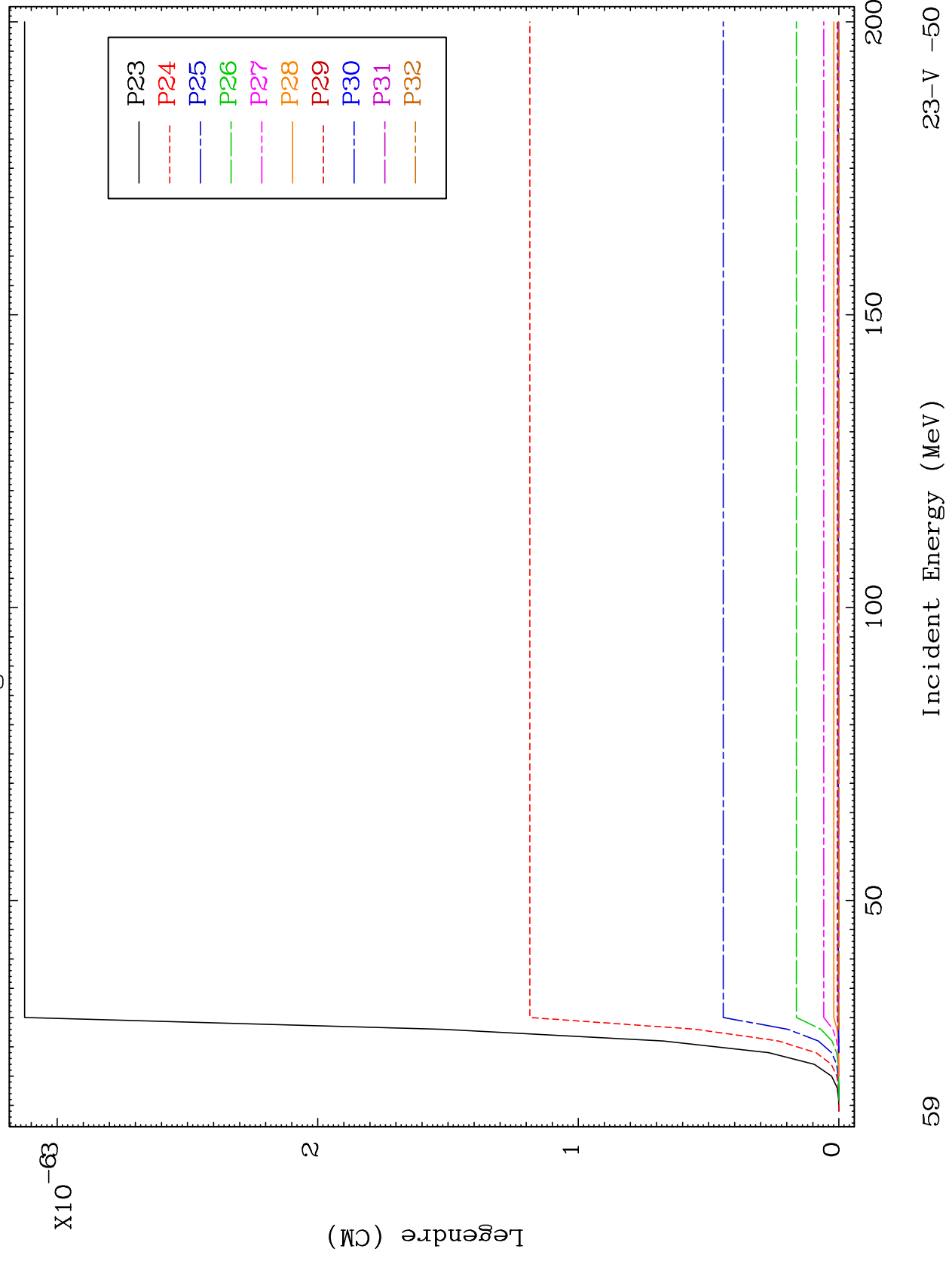
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



59

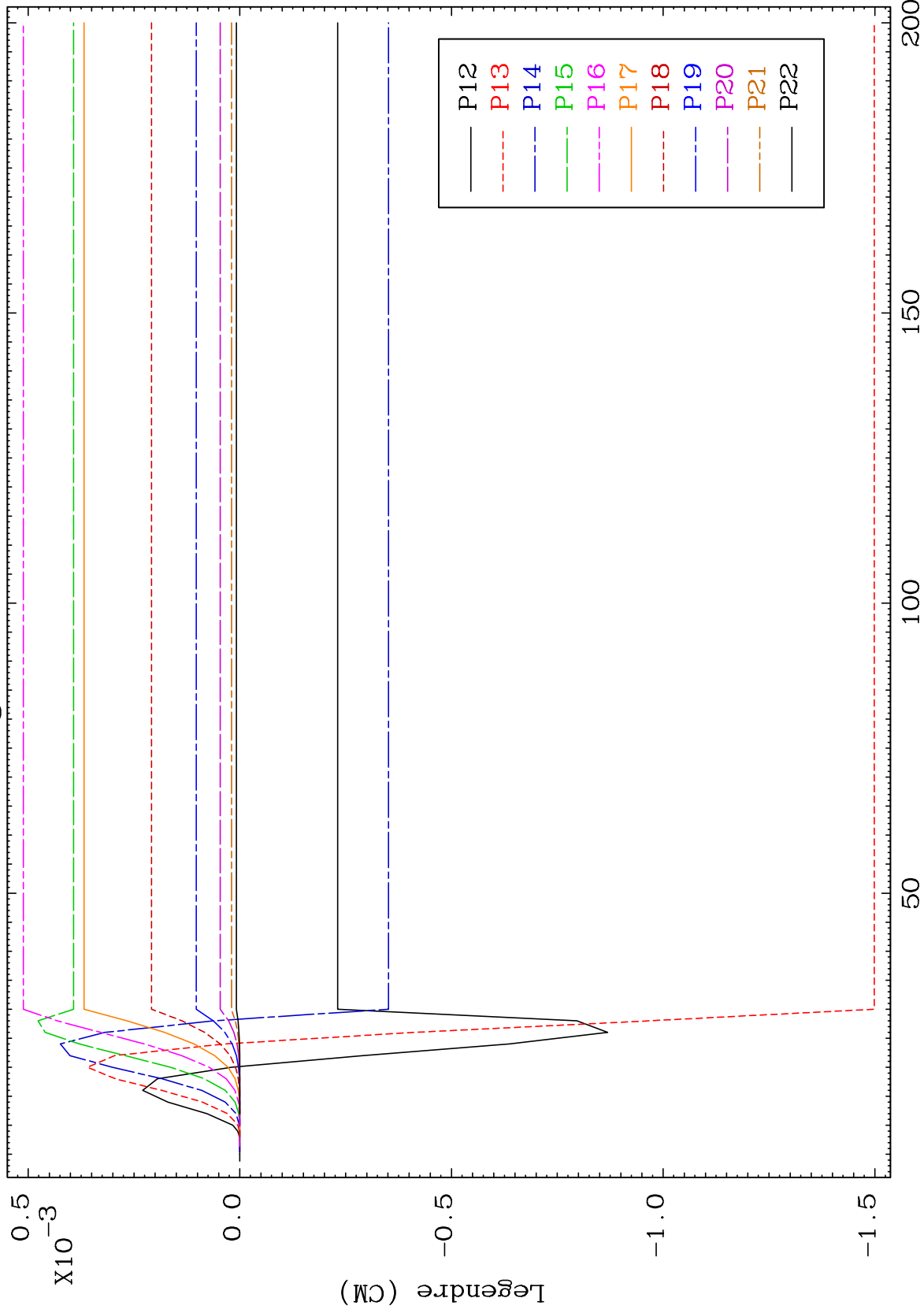
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



61

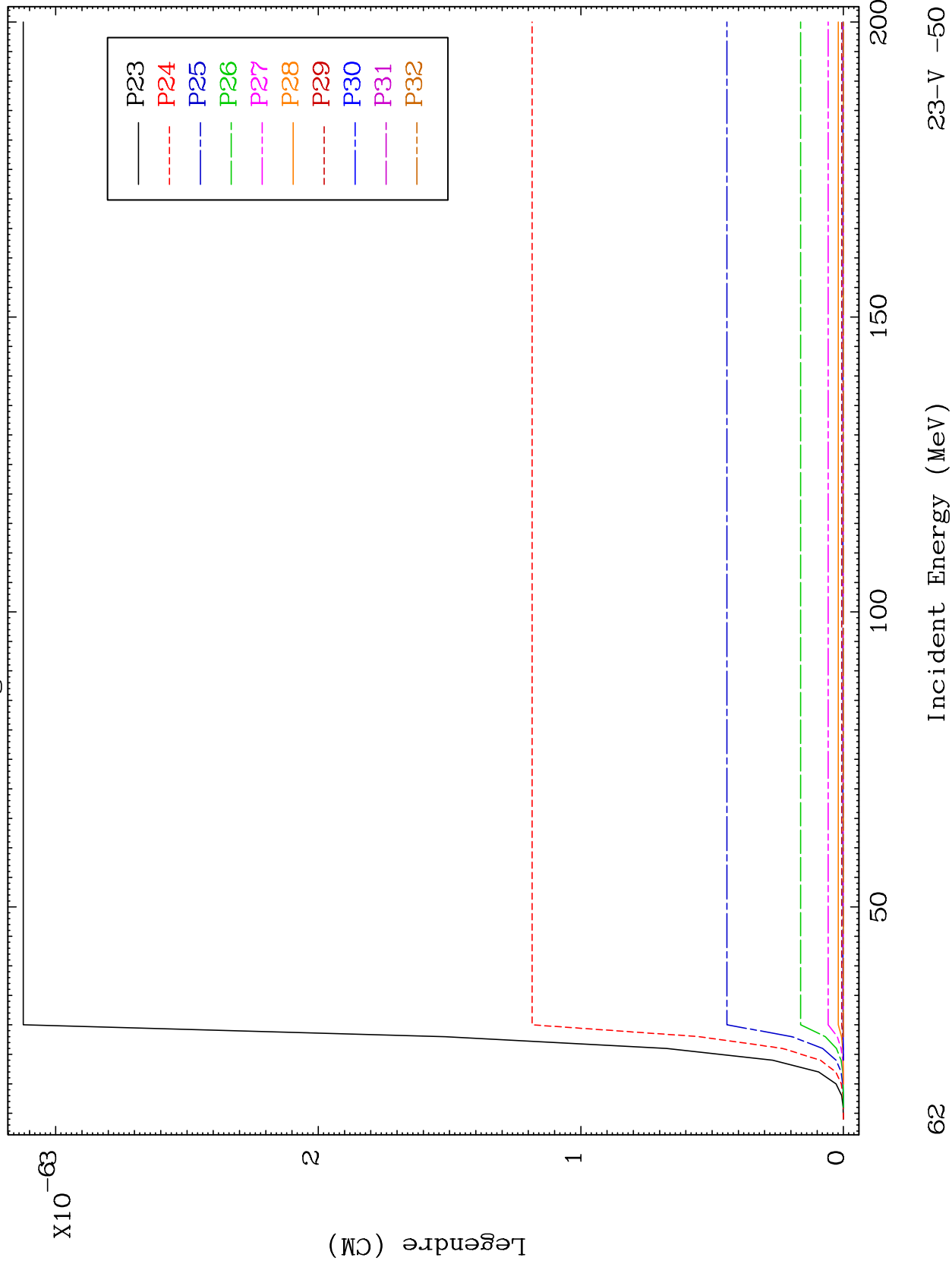
Incident Energy (MeV)

23-V -50

MAT 2325

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

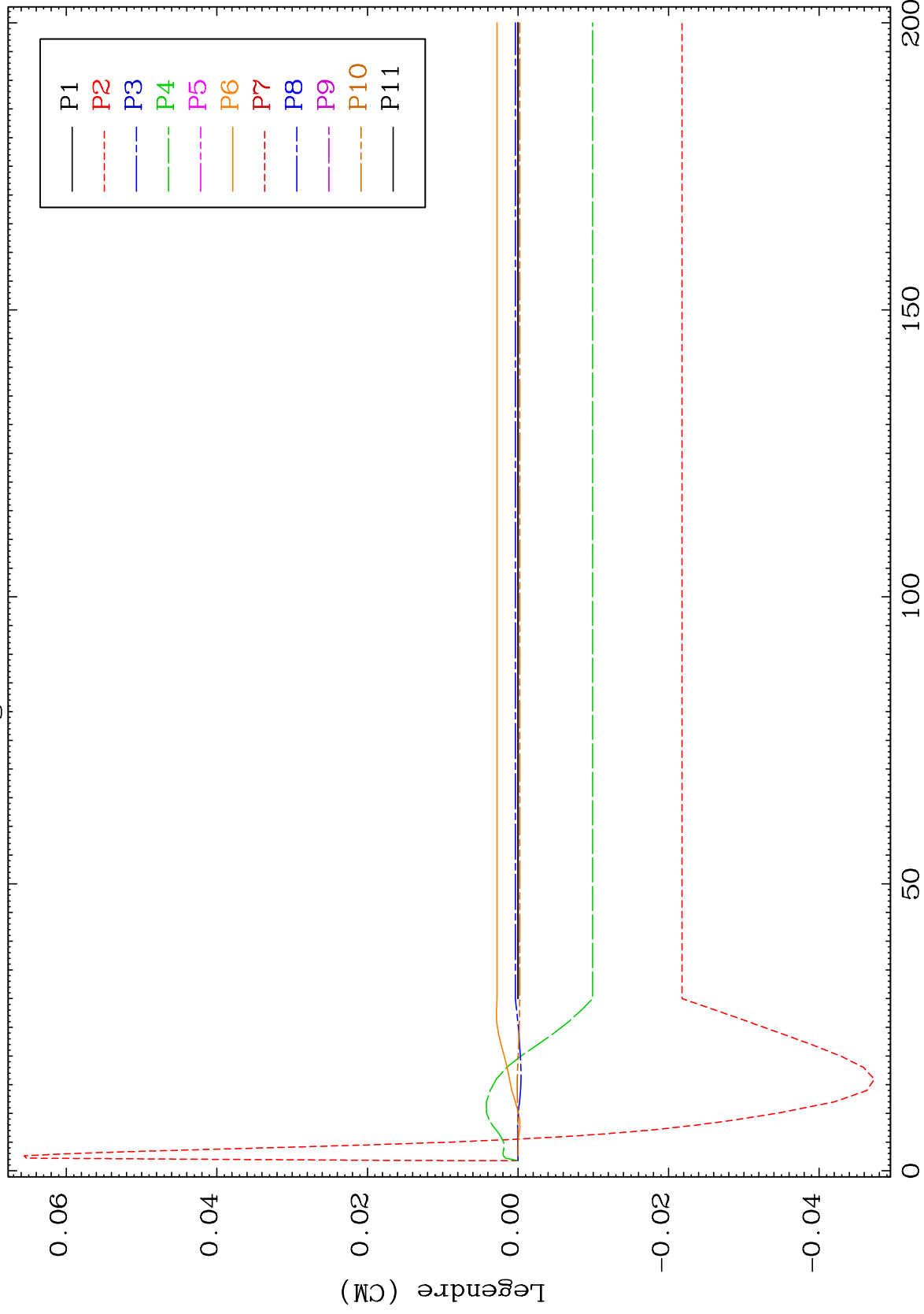
23-V -50



MAT 2325

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

23-V -50



63

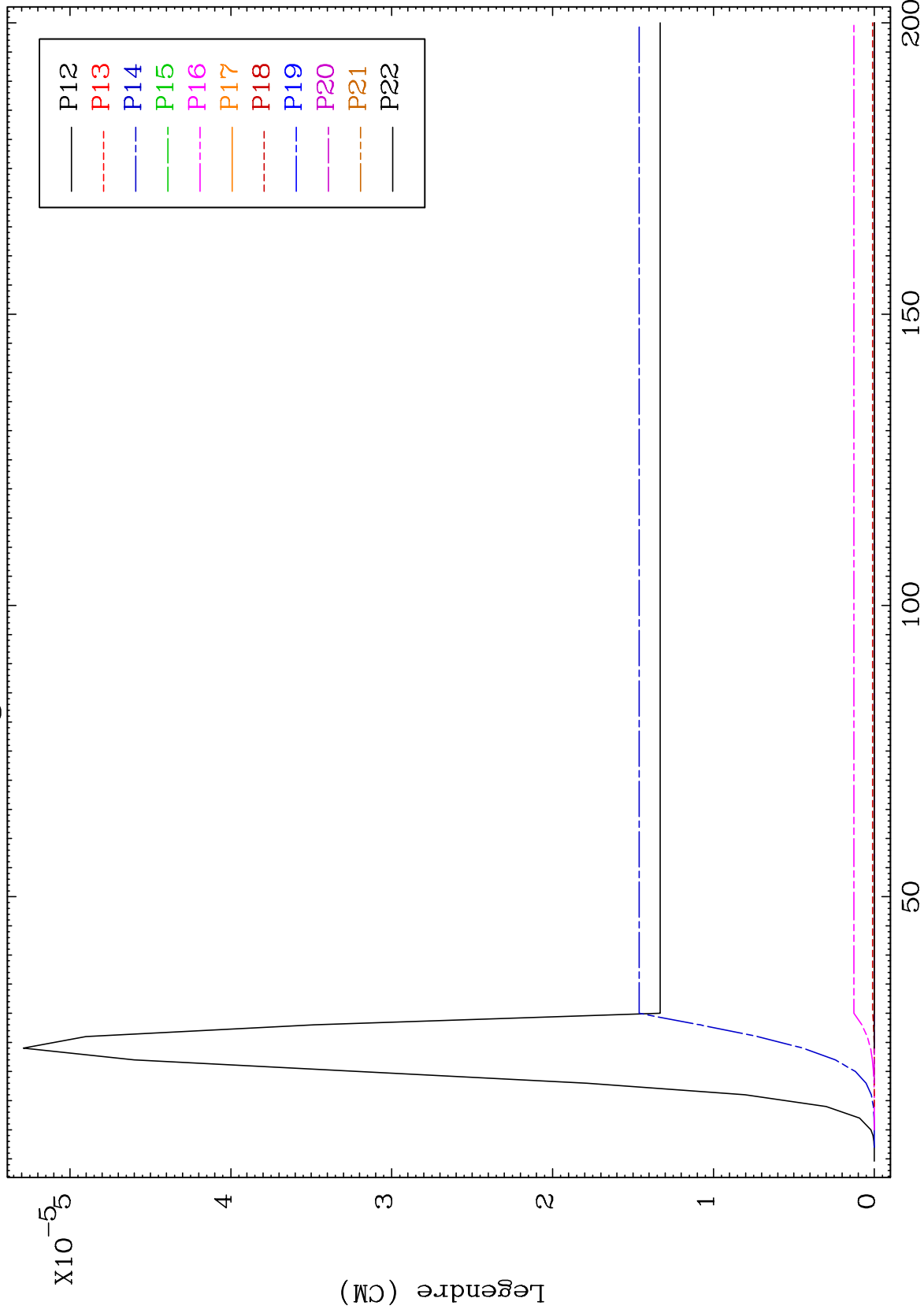
Incident Energy (MeV)

23-V -50

MAT 2325

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

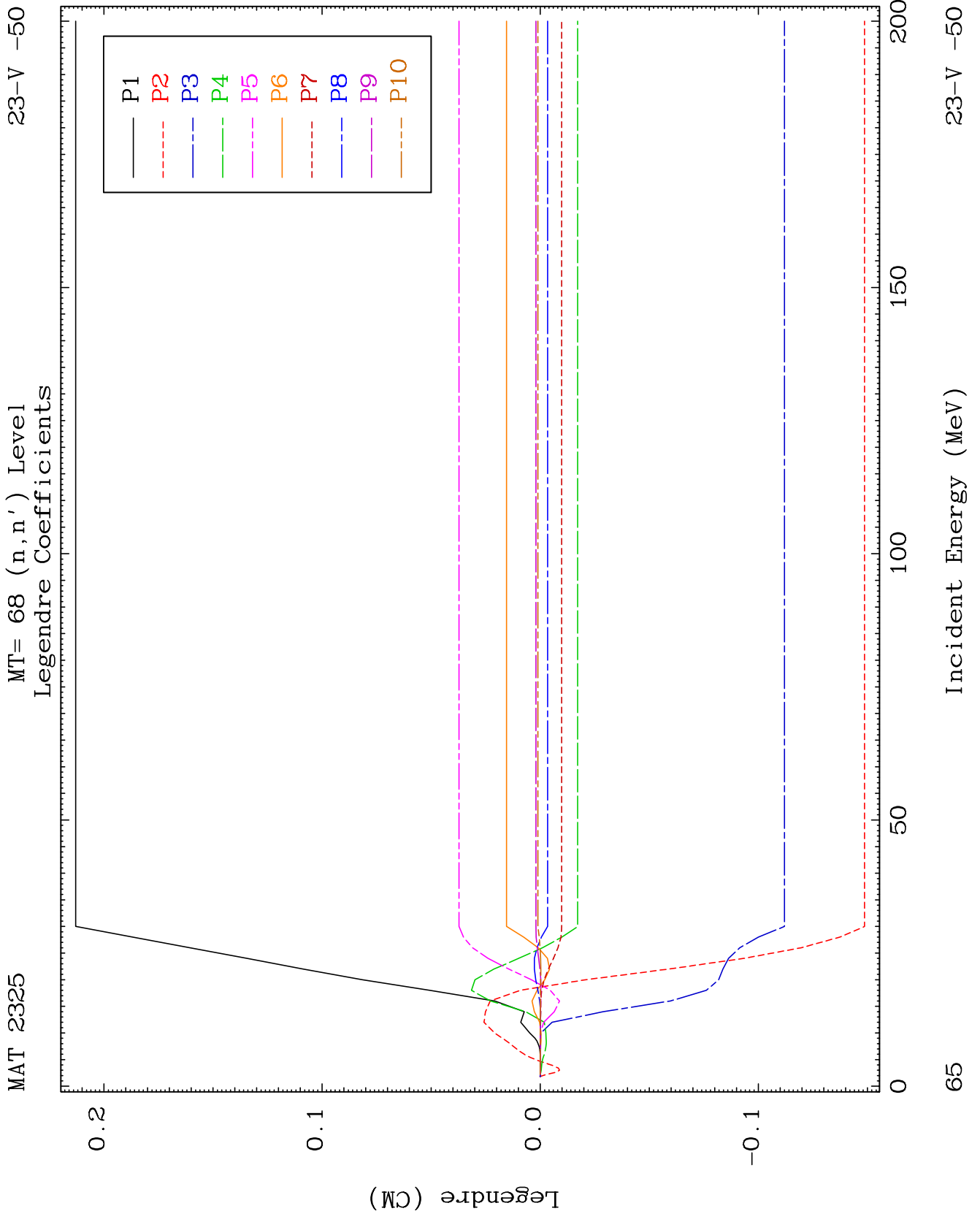
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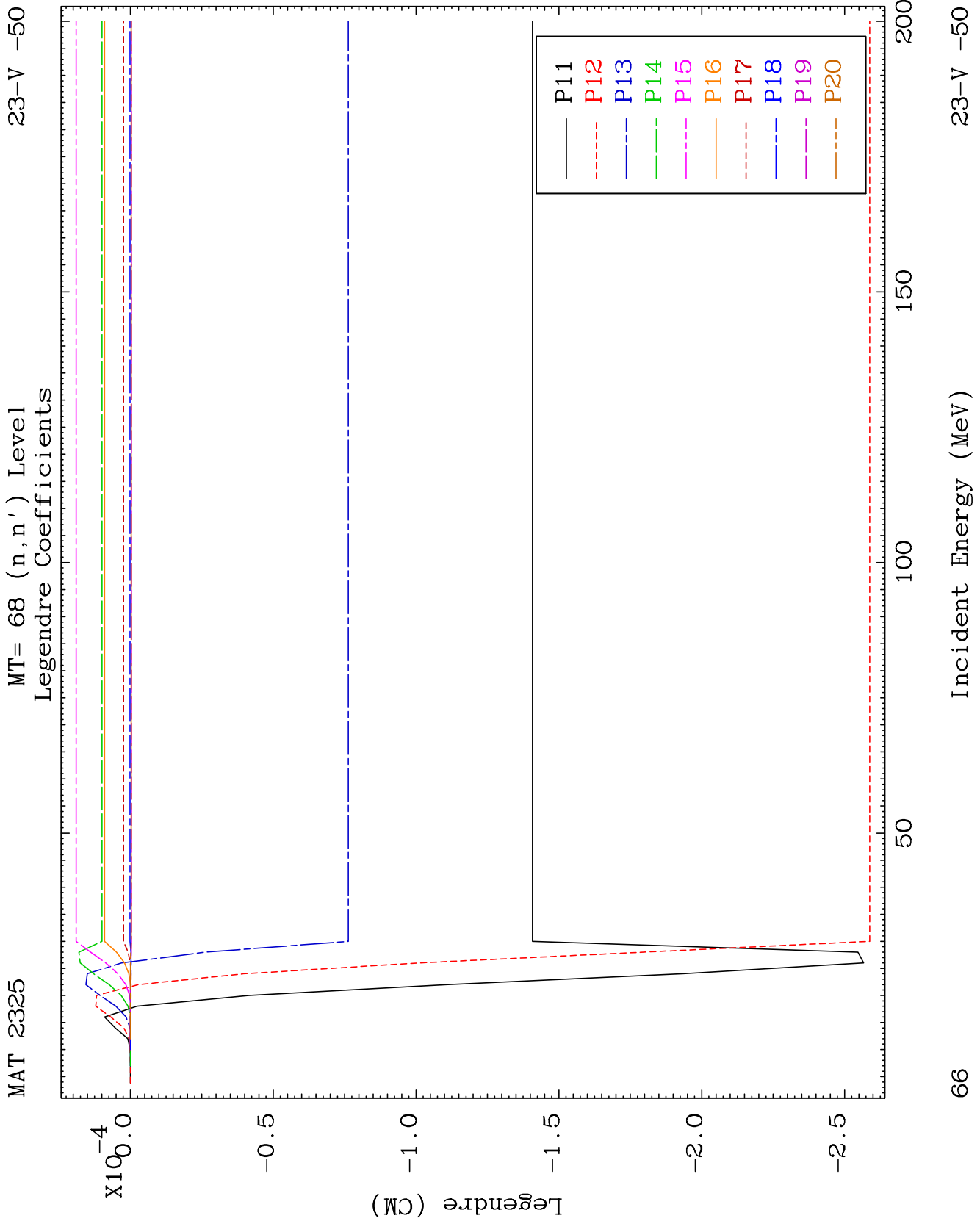


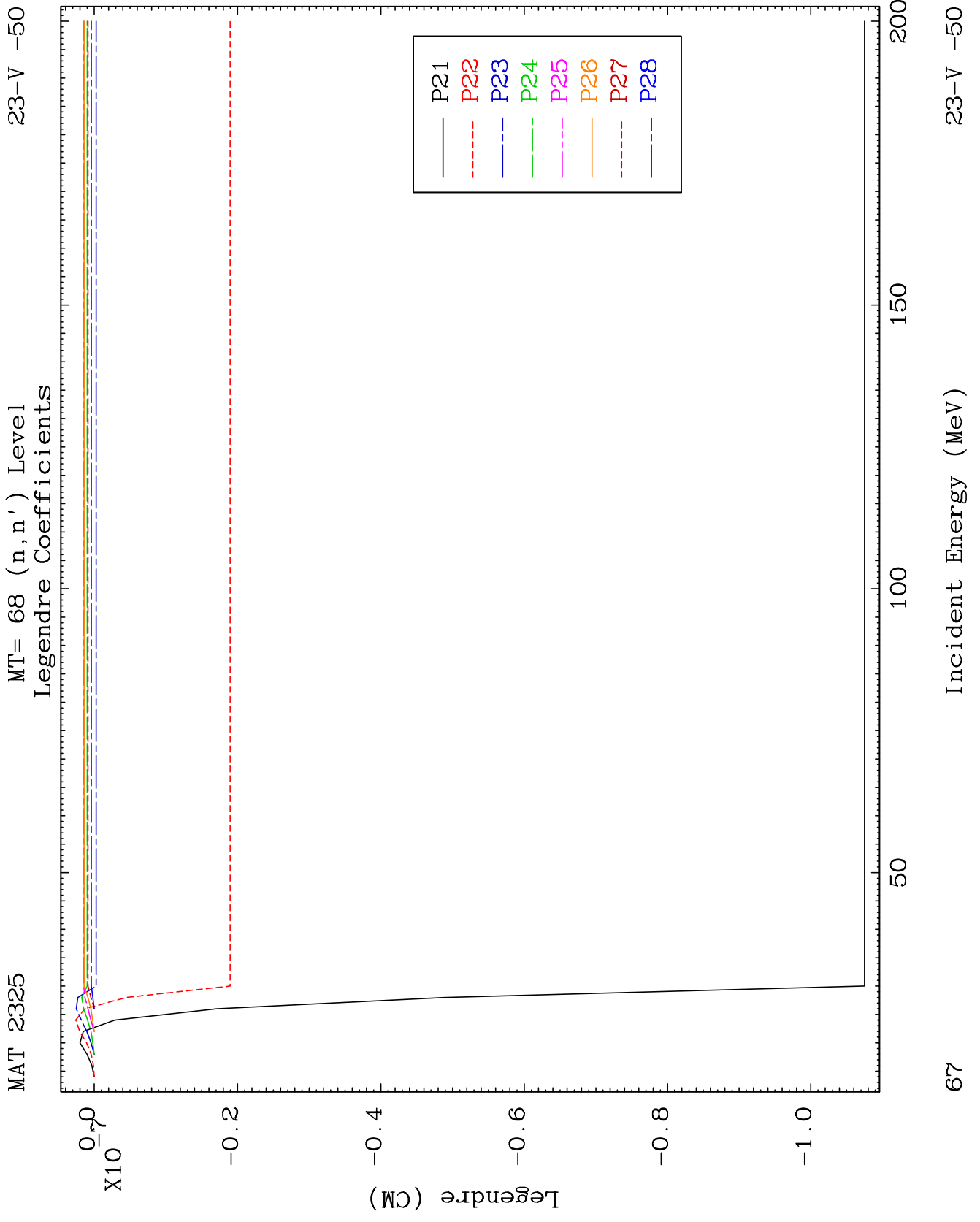
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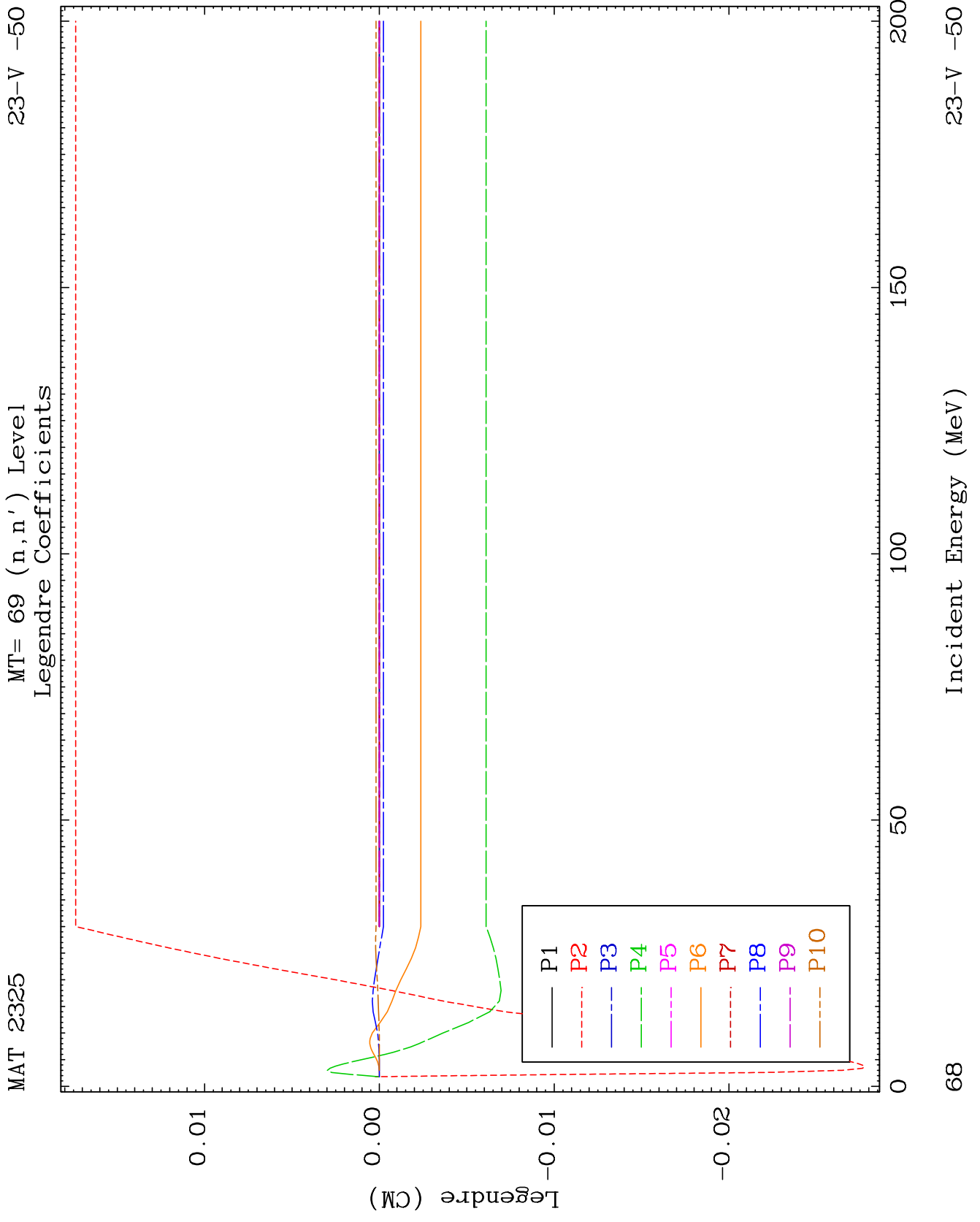
Incident Energy (MeV)

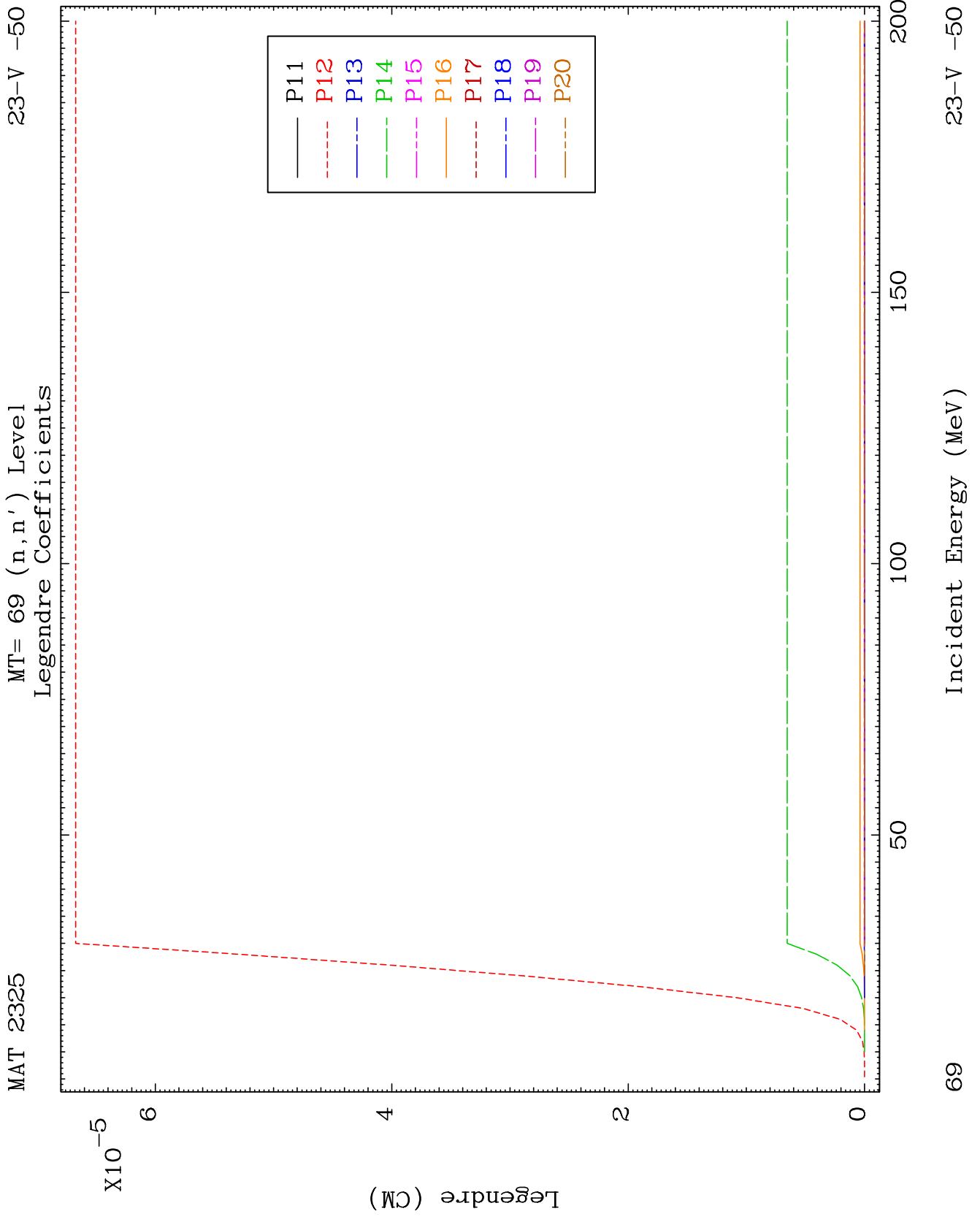
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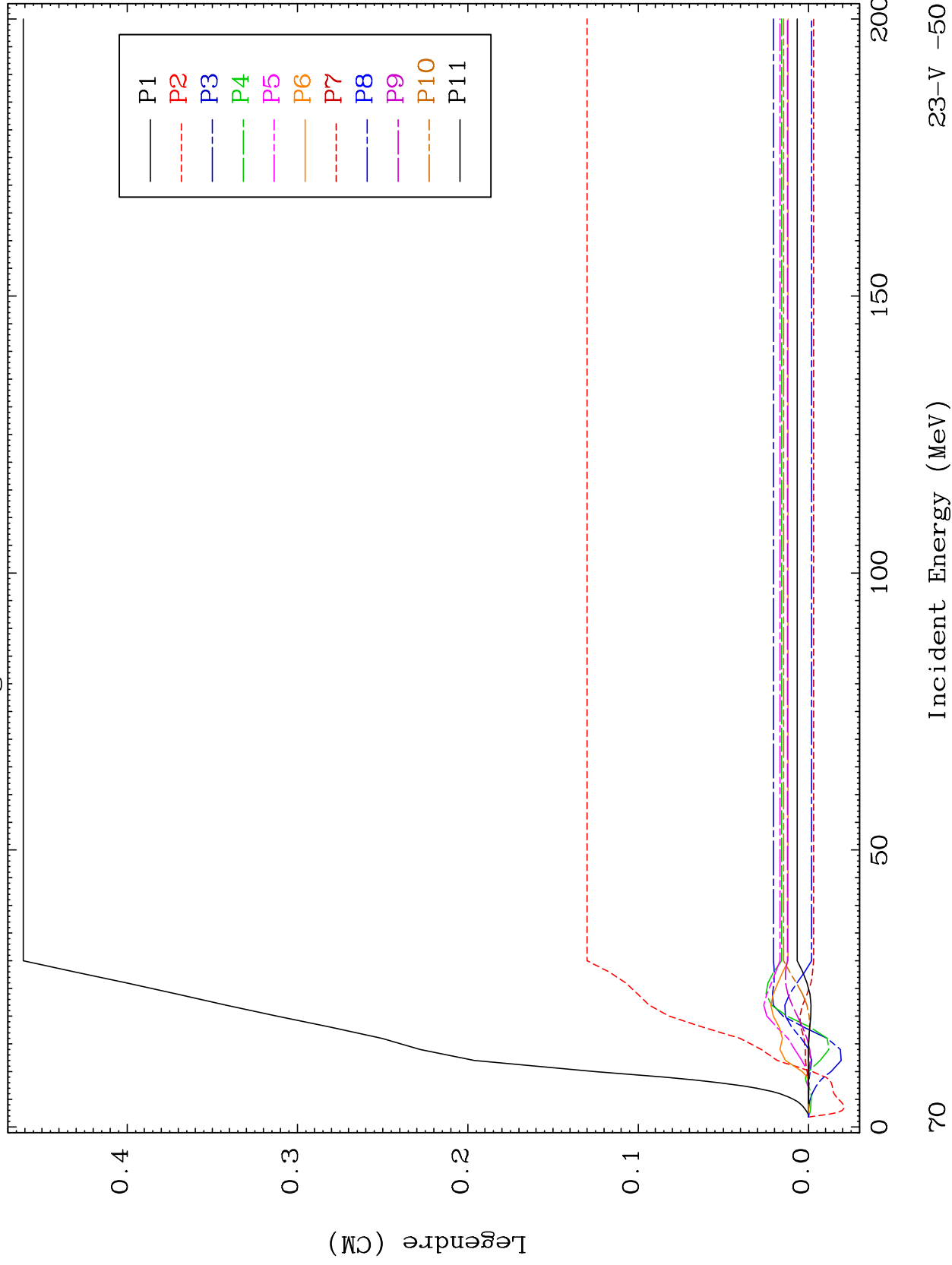




MAT 2325

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

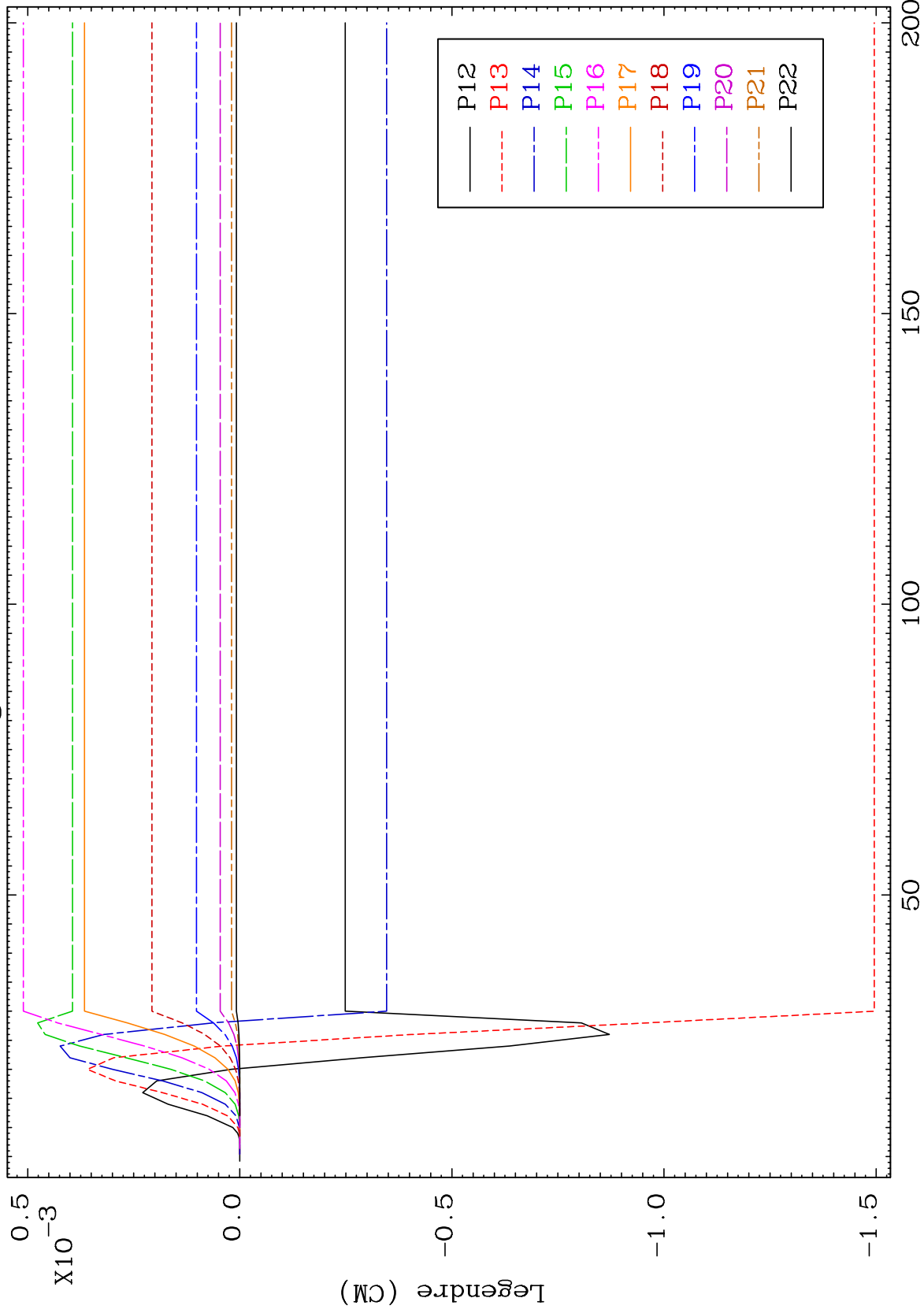
23-V -50



MAT 2325

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

23-V -50



71

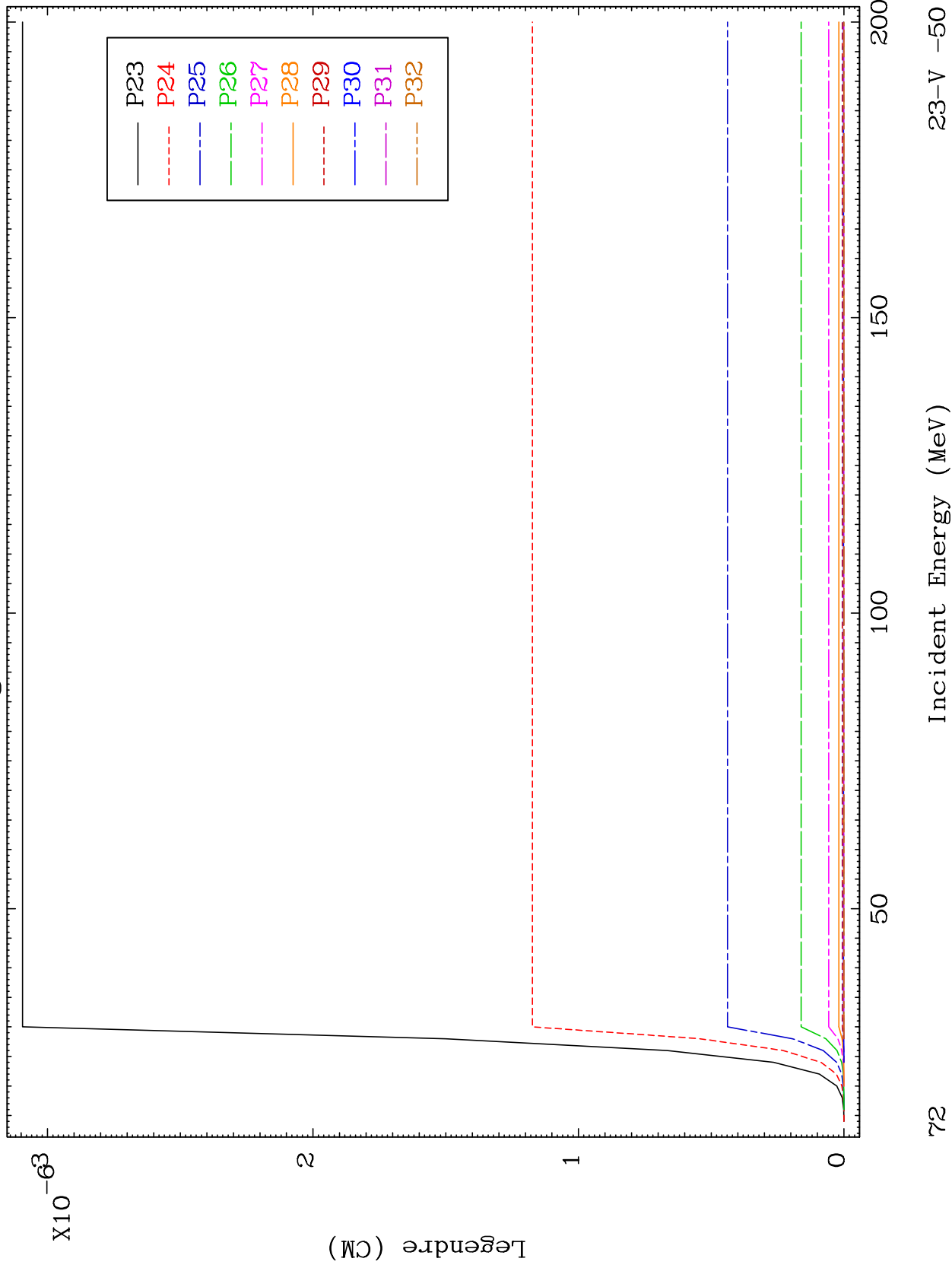
Incident Energy (MeV)

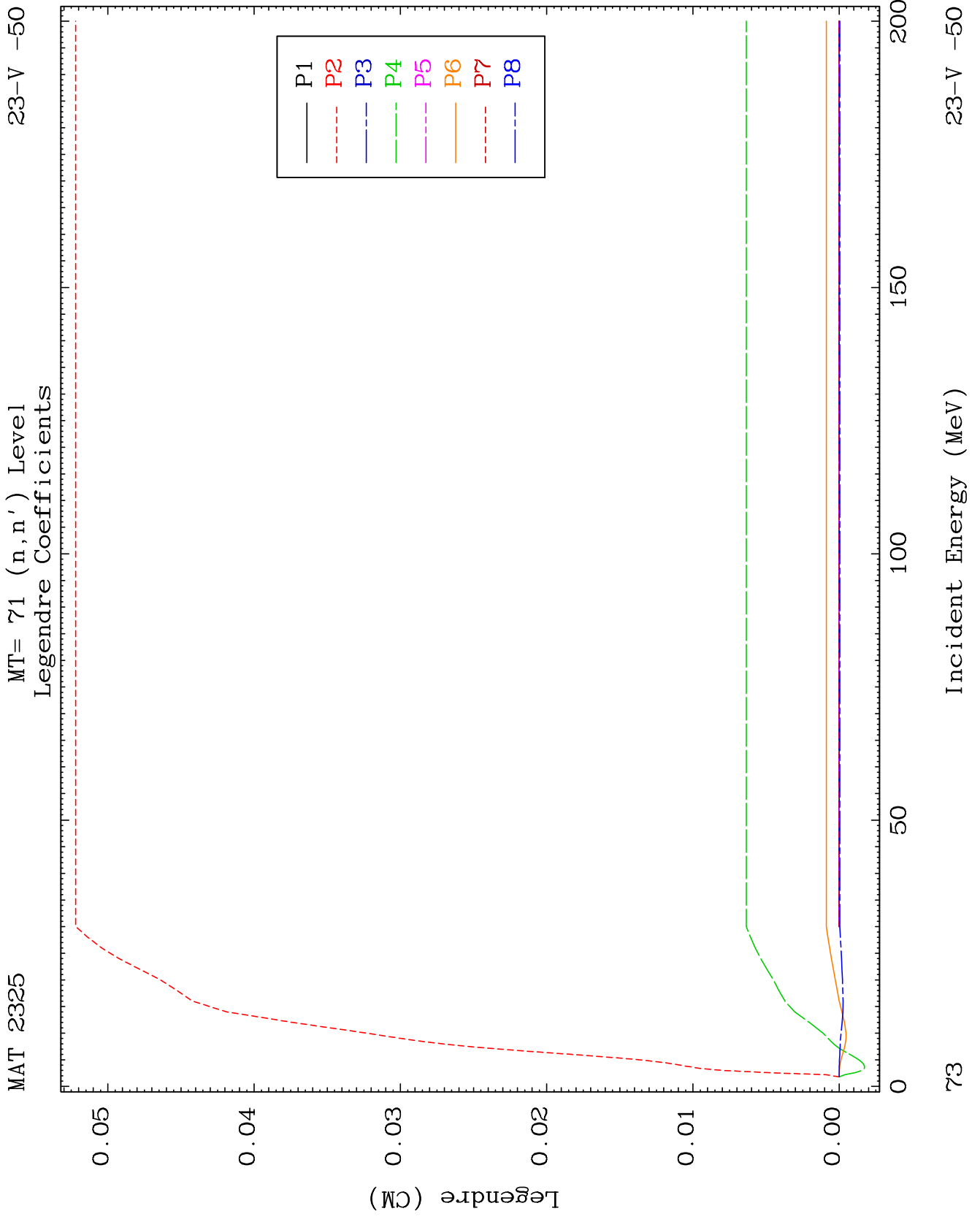
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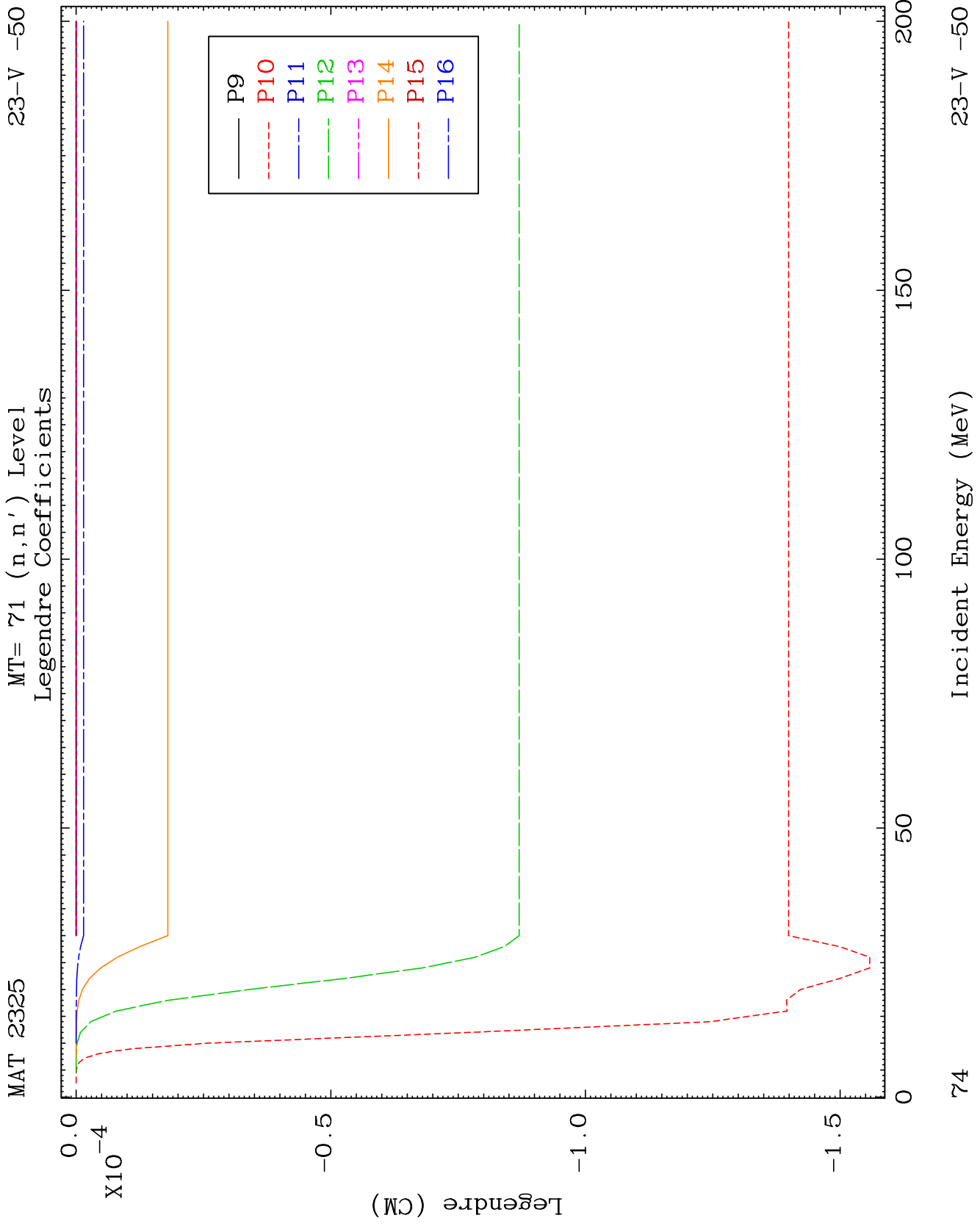
MAT 2325

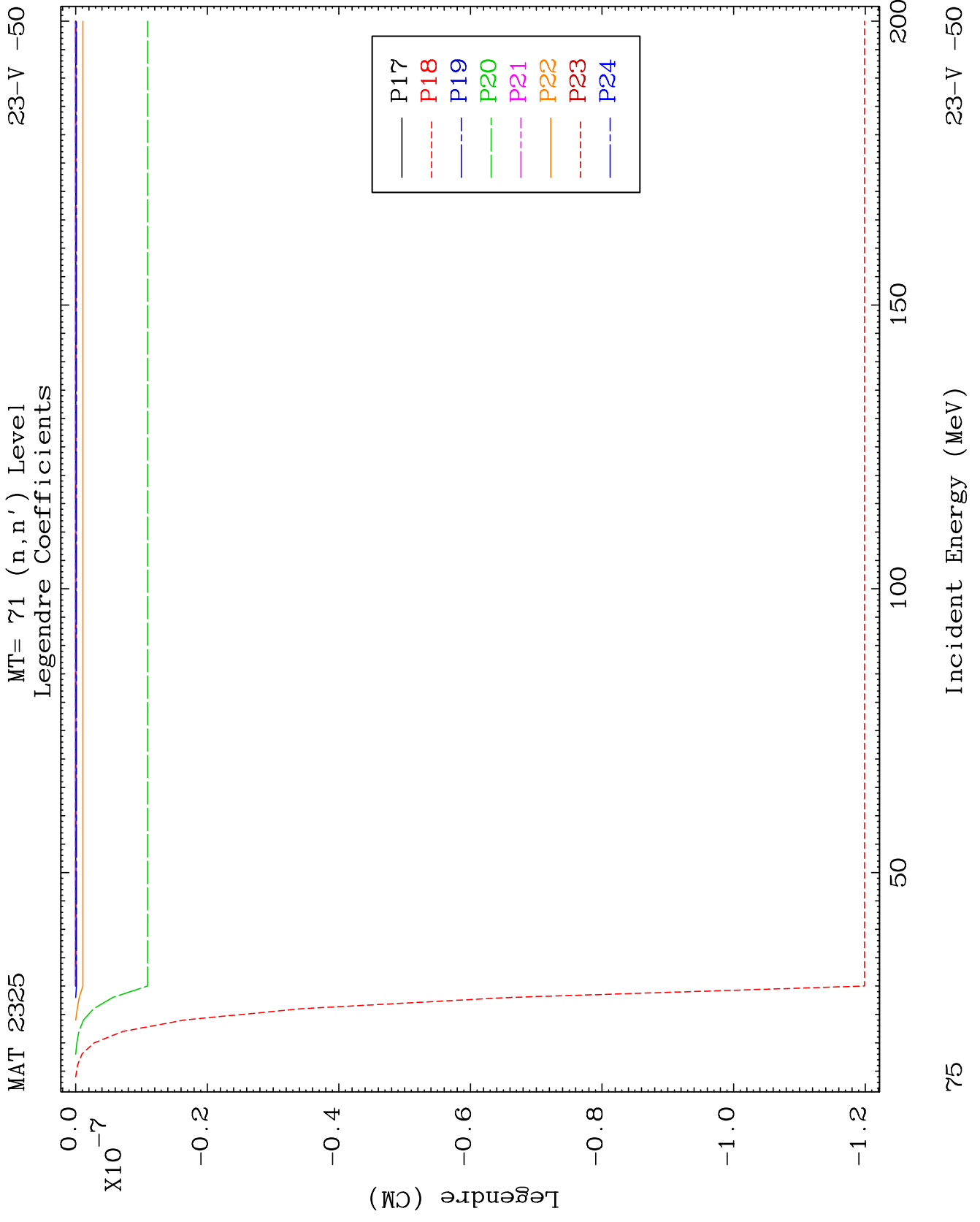
MT= 70 (n,n') Level
Legendre Coefficients

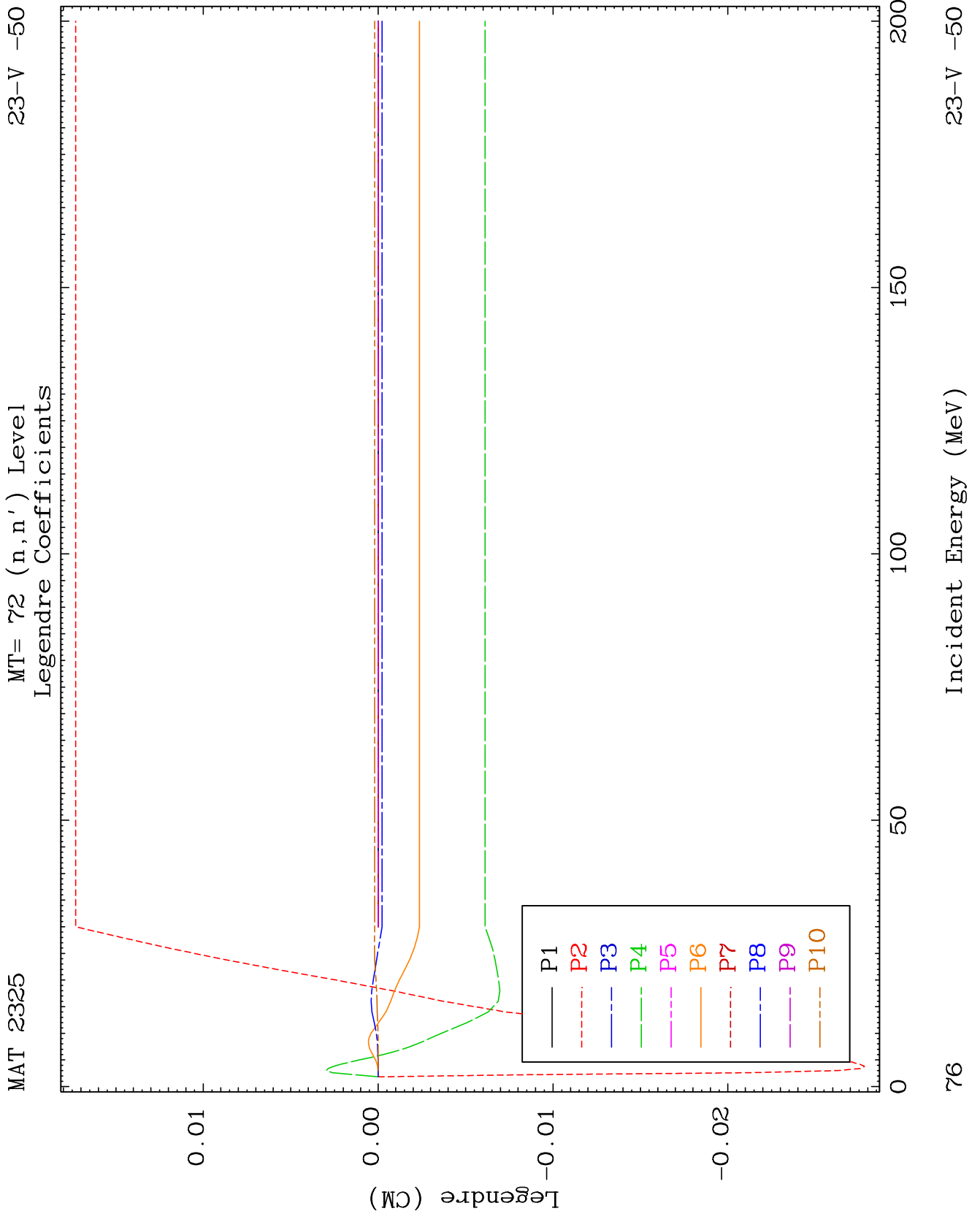
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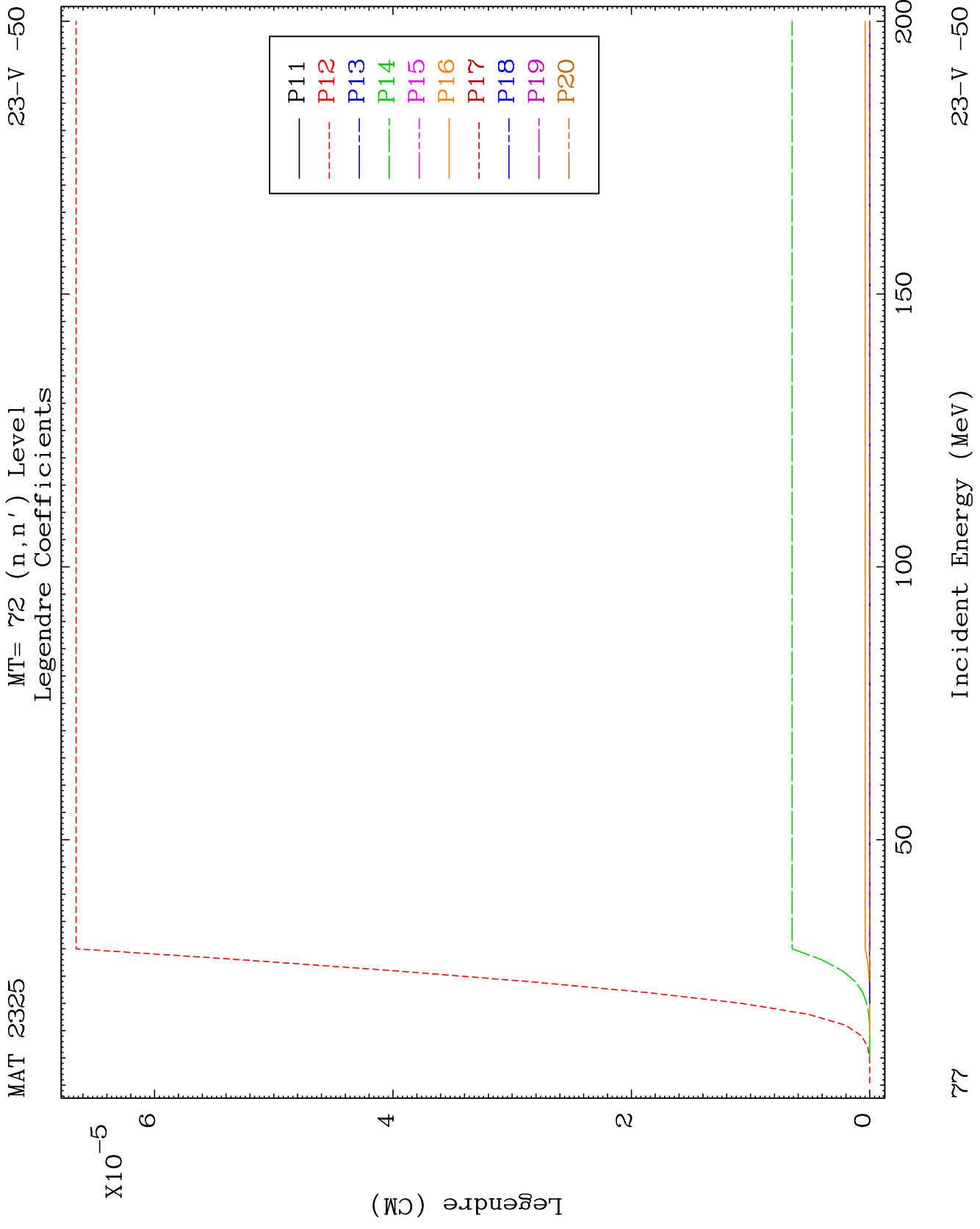


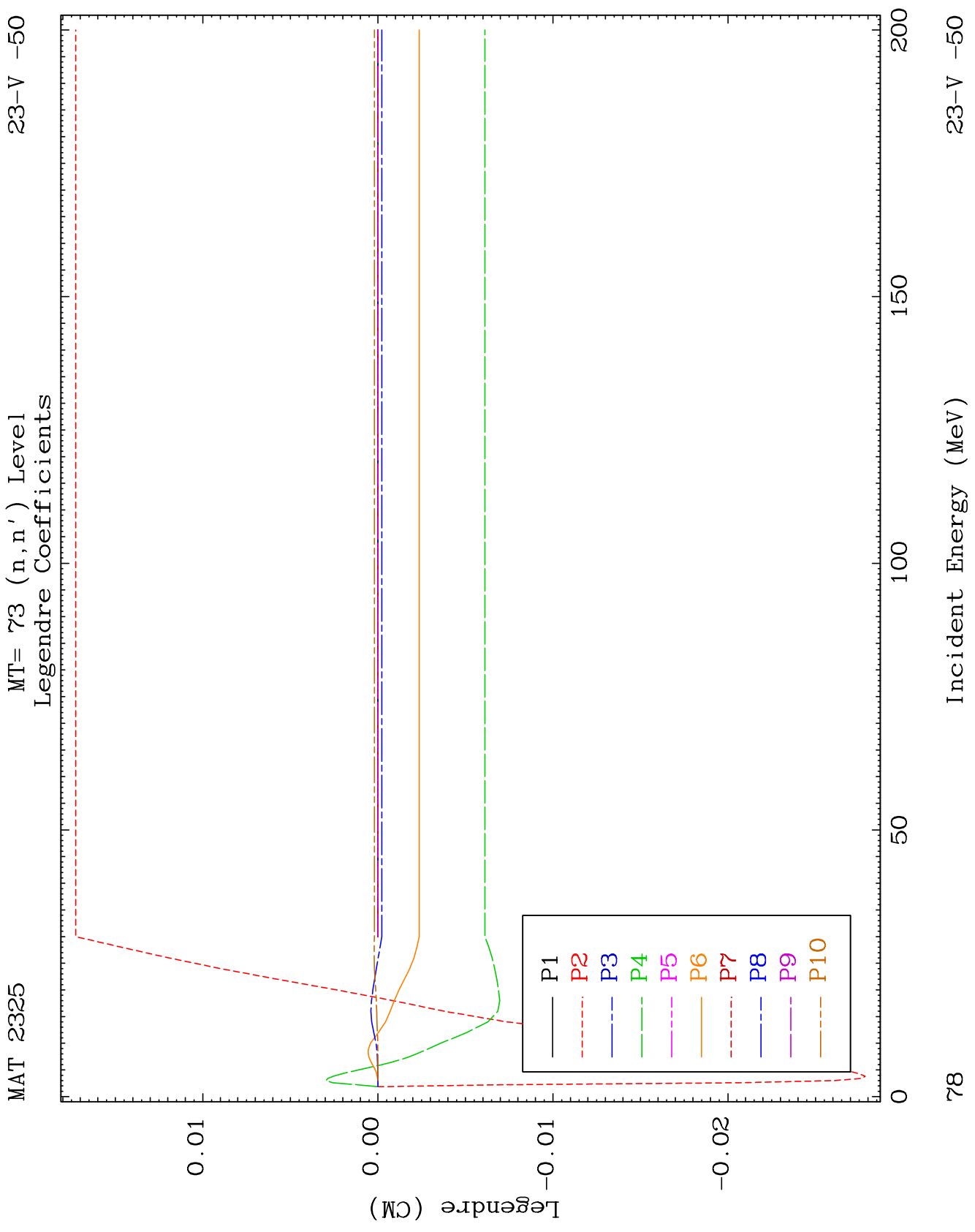


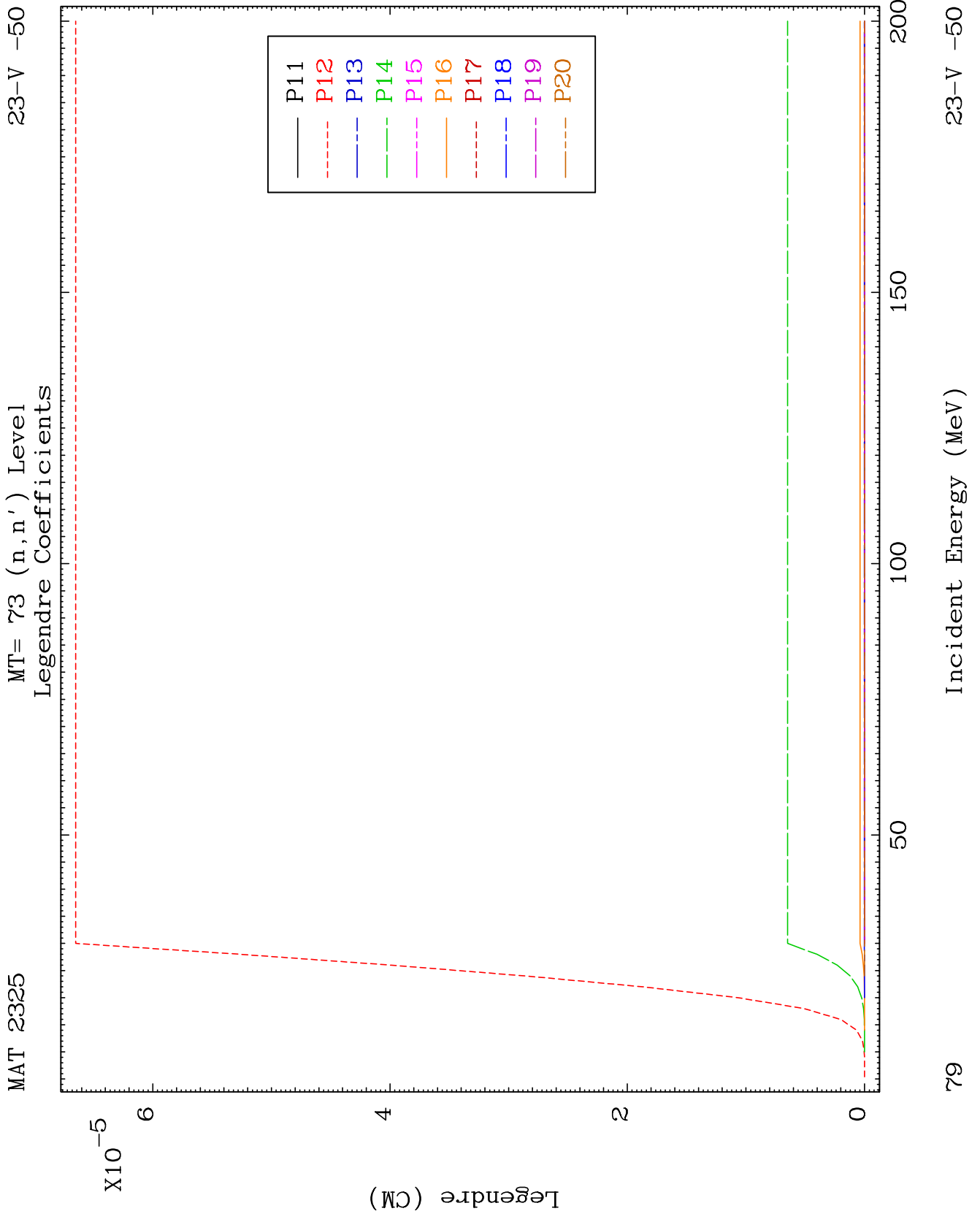


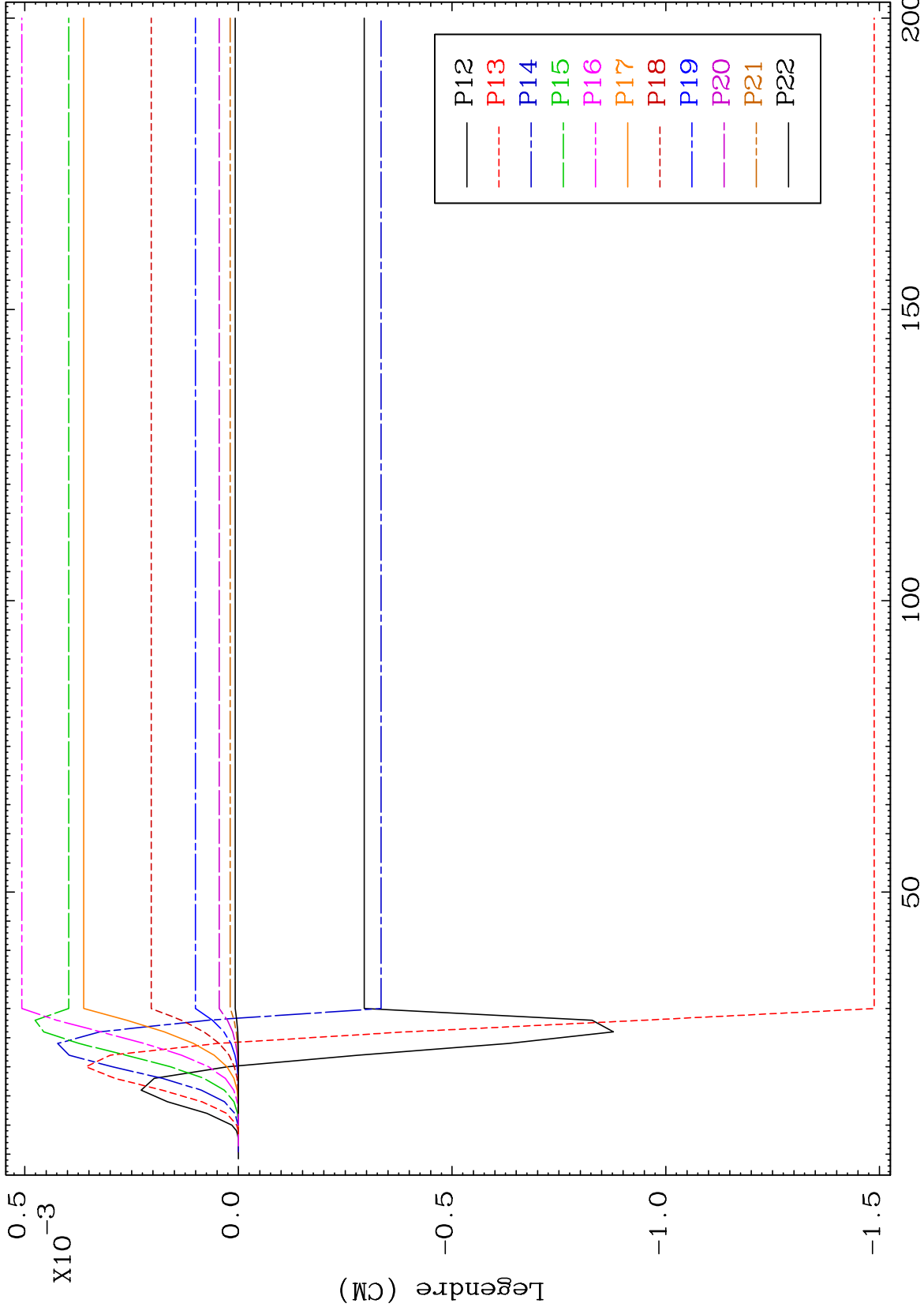








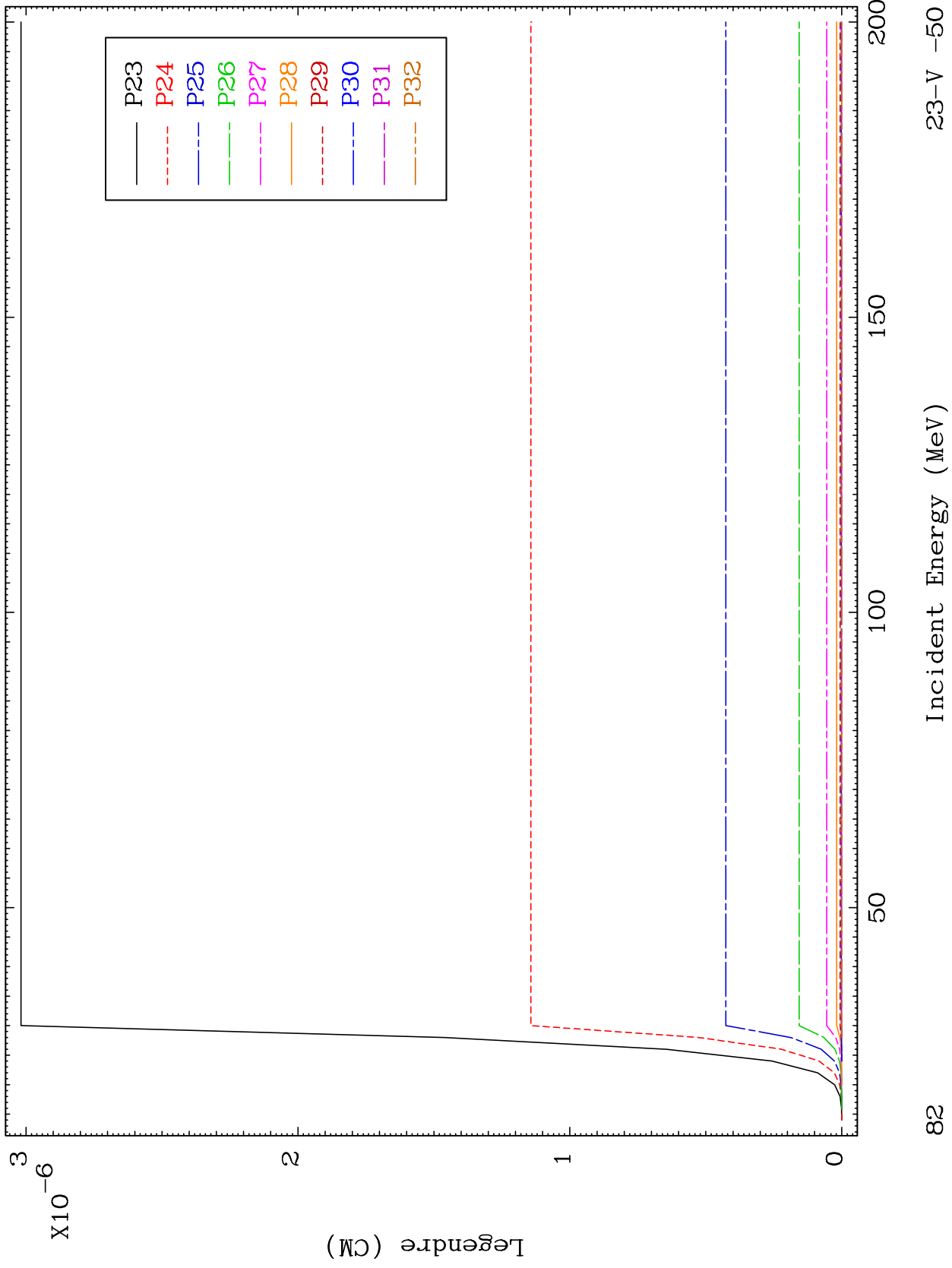




MAT 2325

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

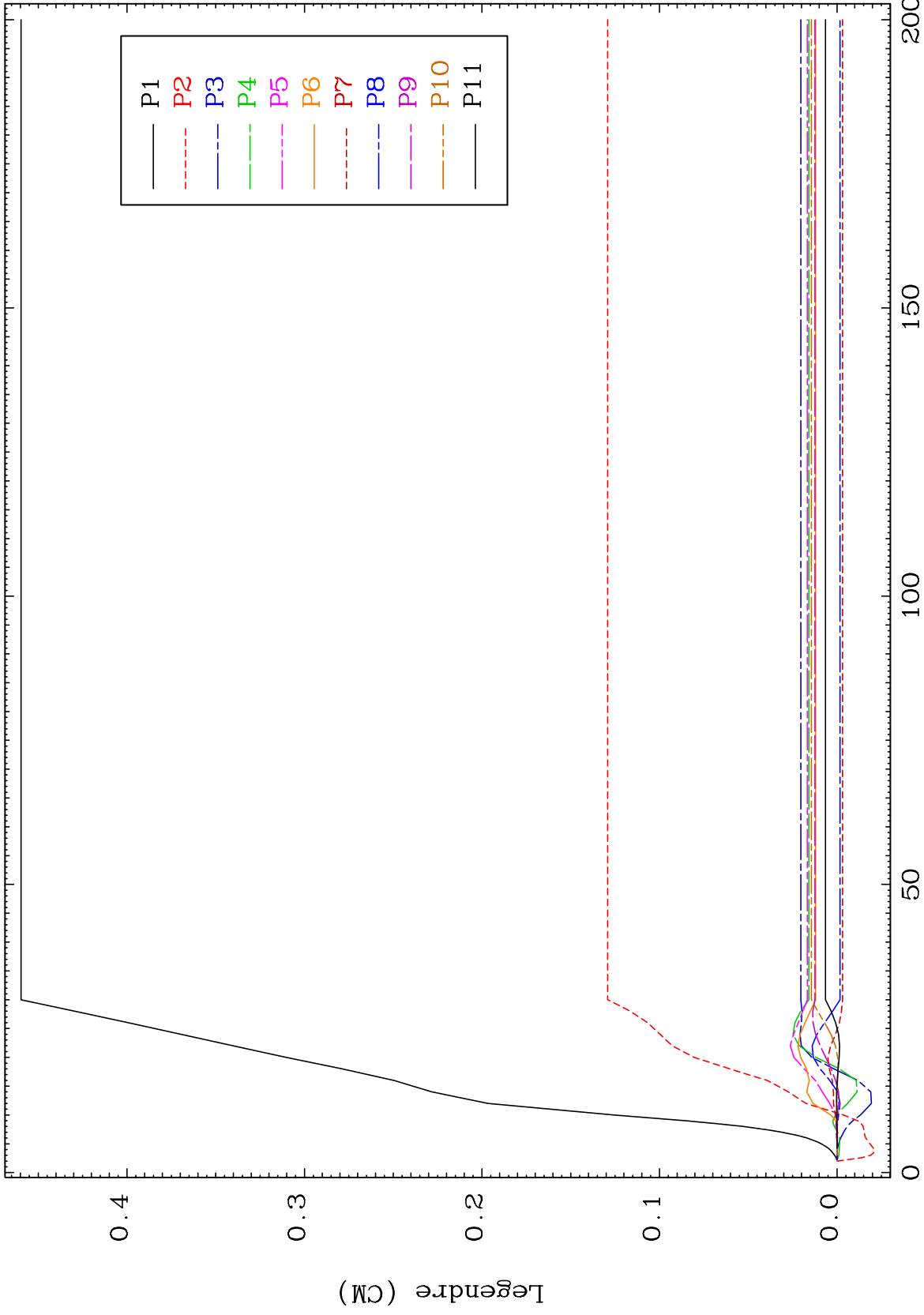
23-V -50



MAT 2325

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

23-V -50



83

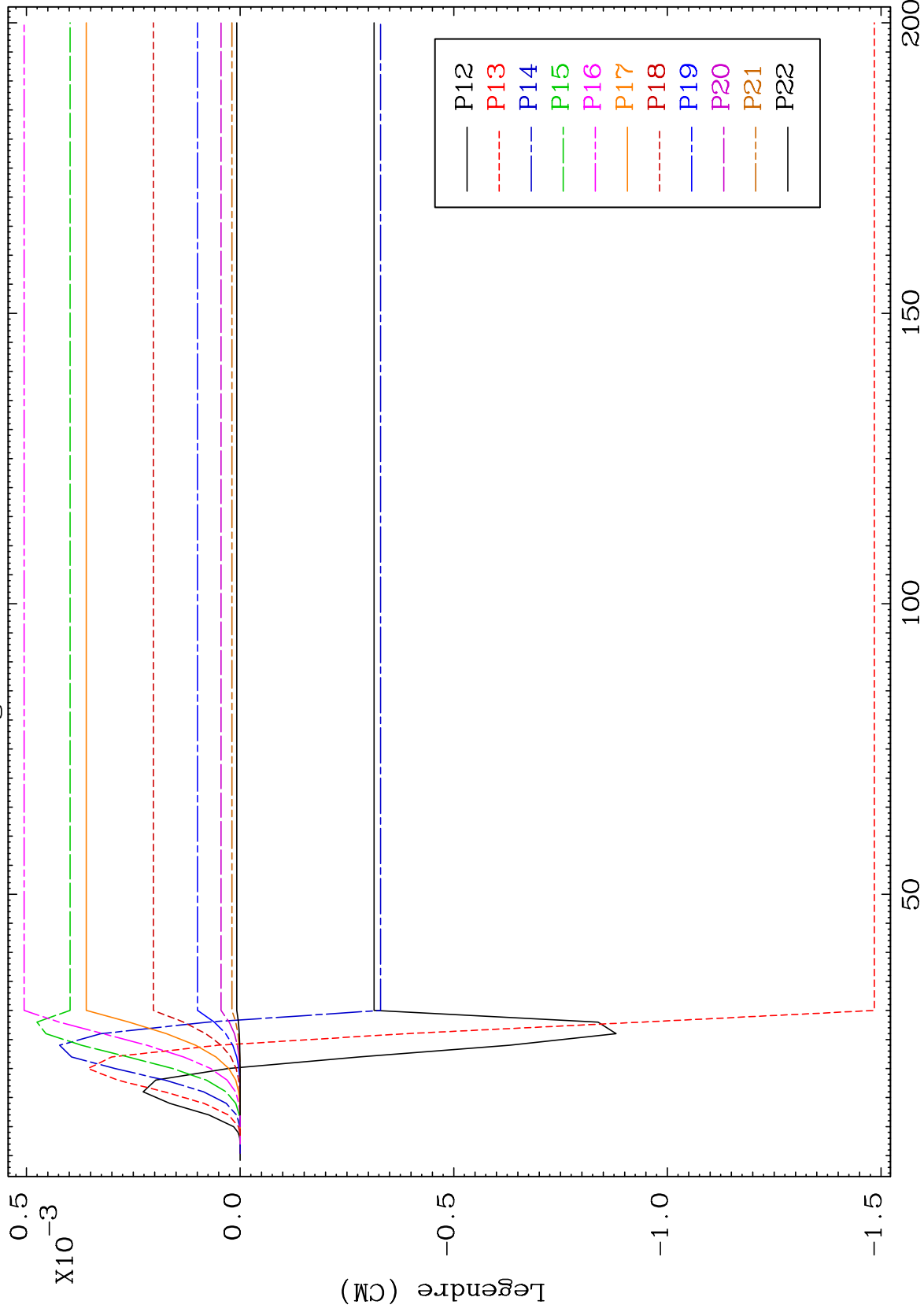
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



84

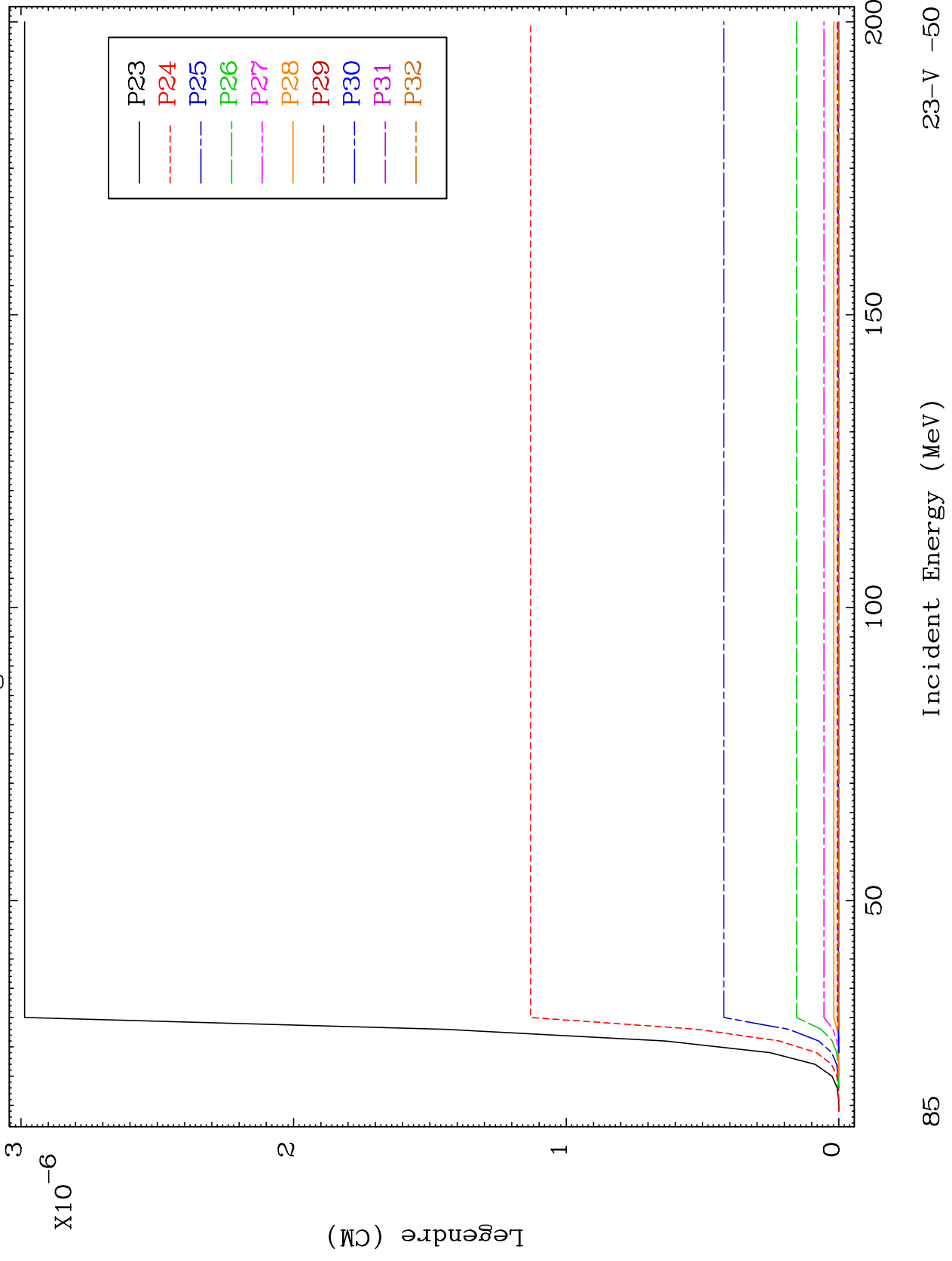
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



85

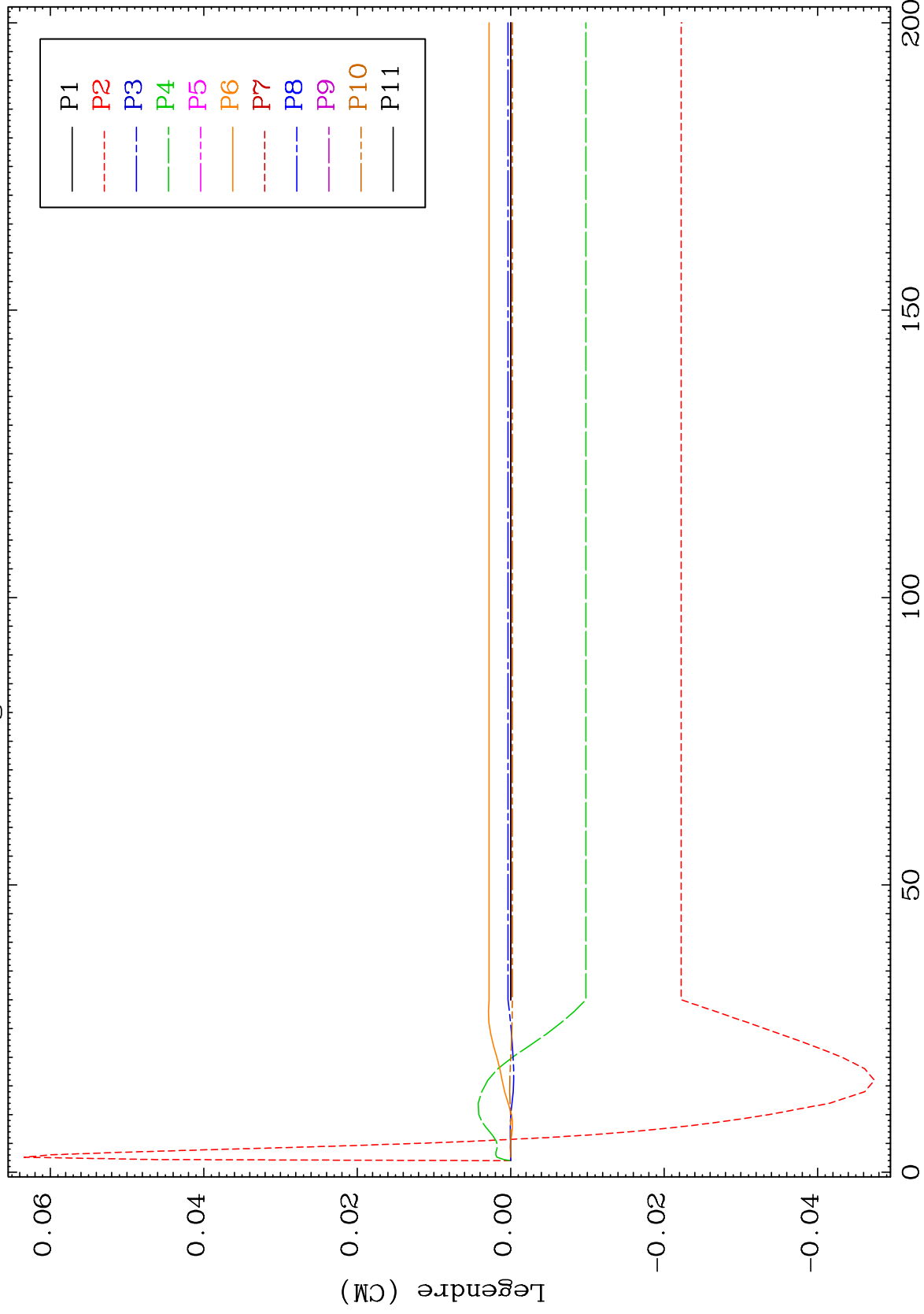
Incident Energy (MeV)

23-V -50

MAT 2325

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

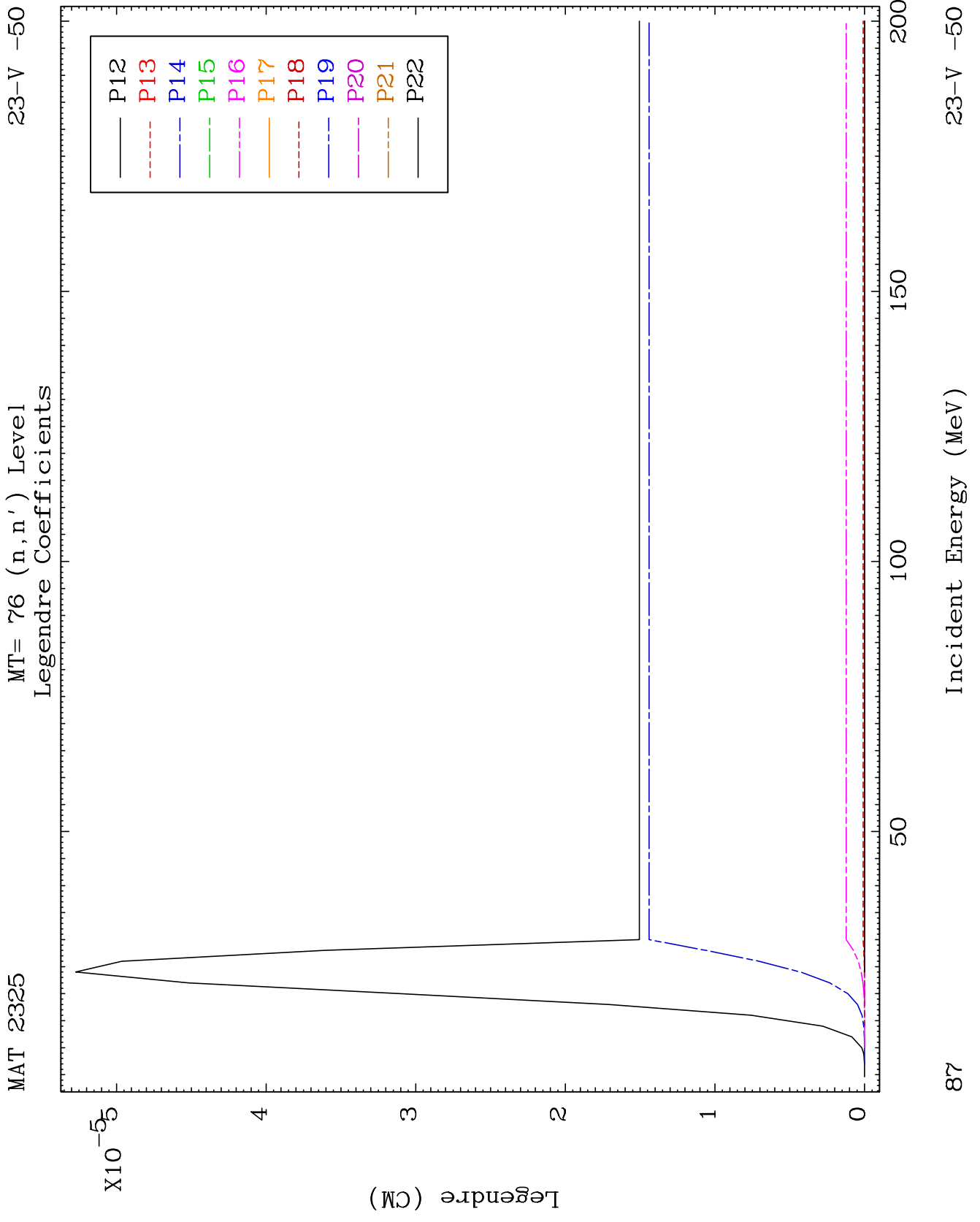
23-V -50



86

Incident Energy (MeV)

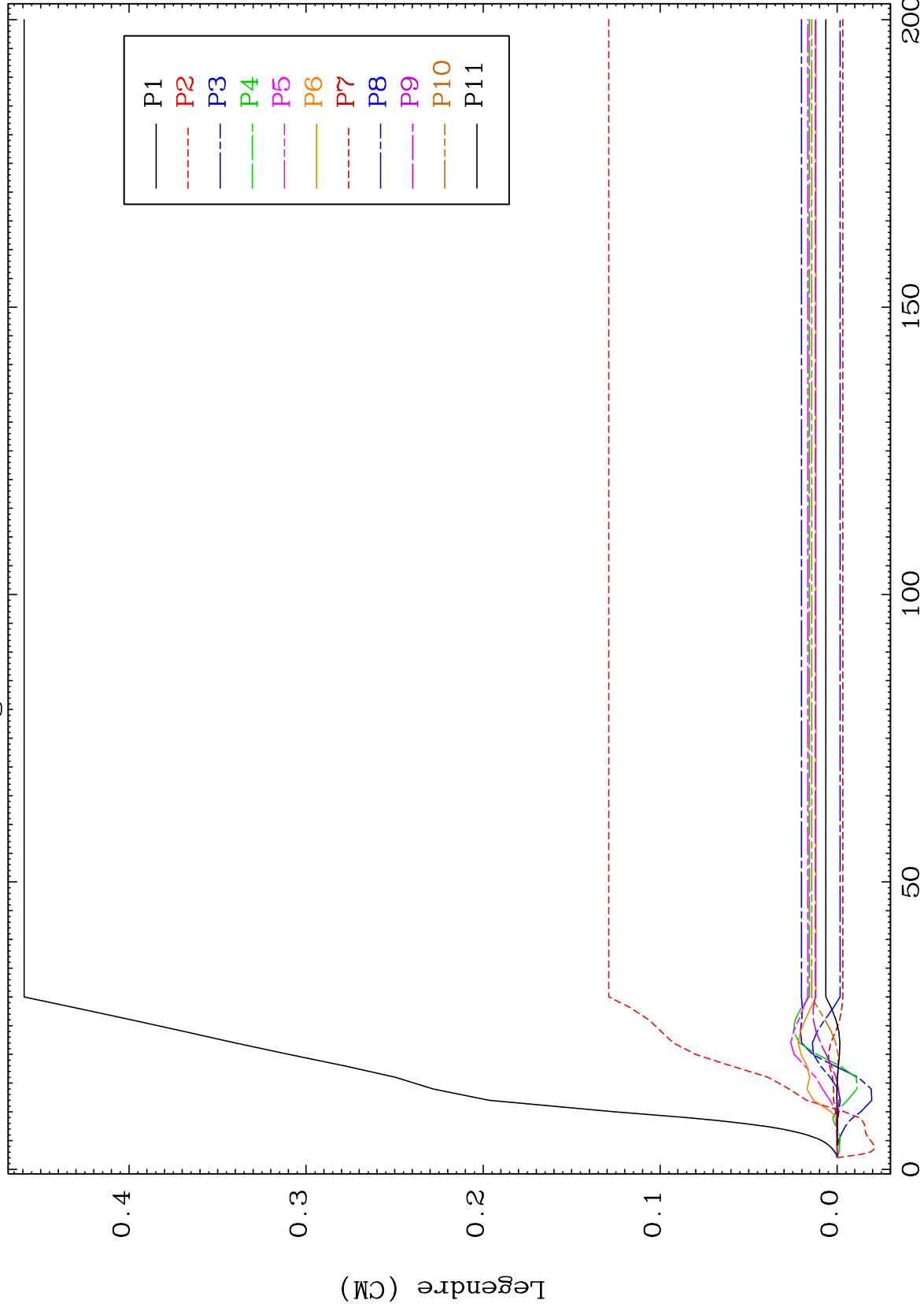
23-V -50



MAT 2325

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

23-V -50



88

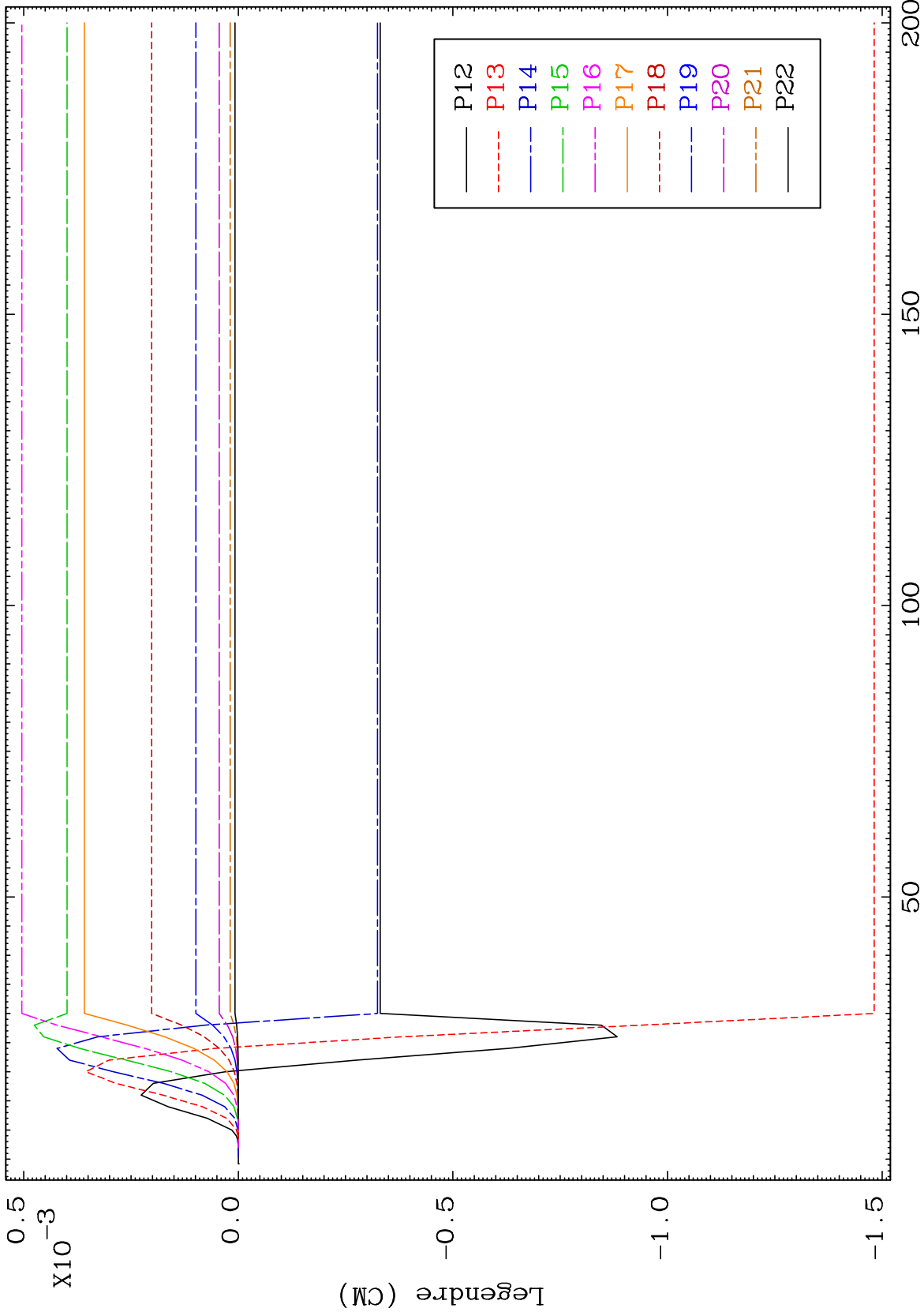
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



89

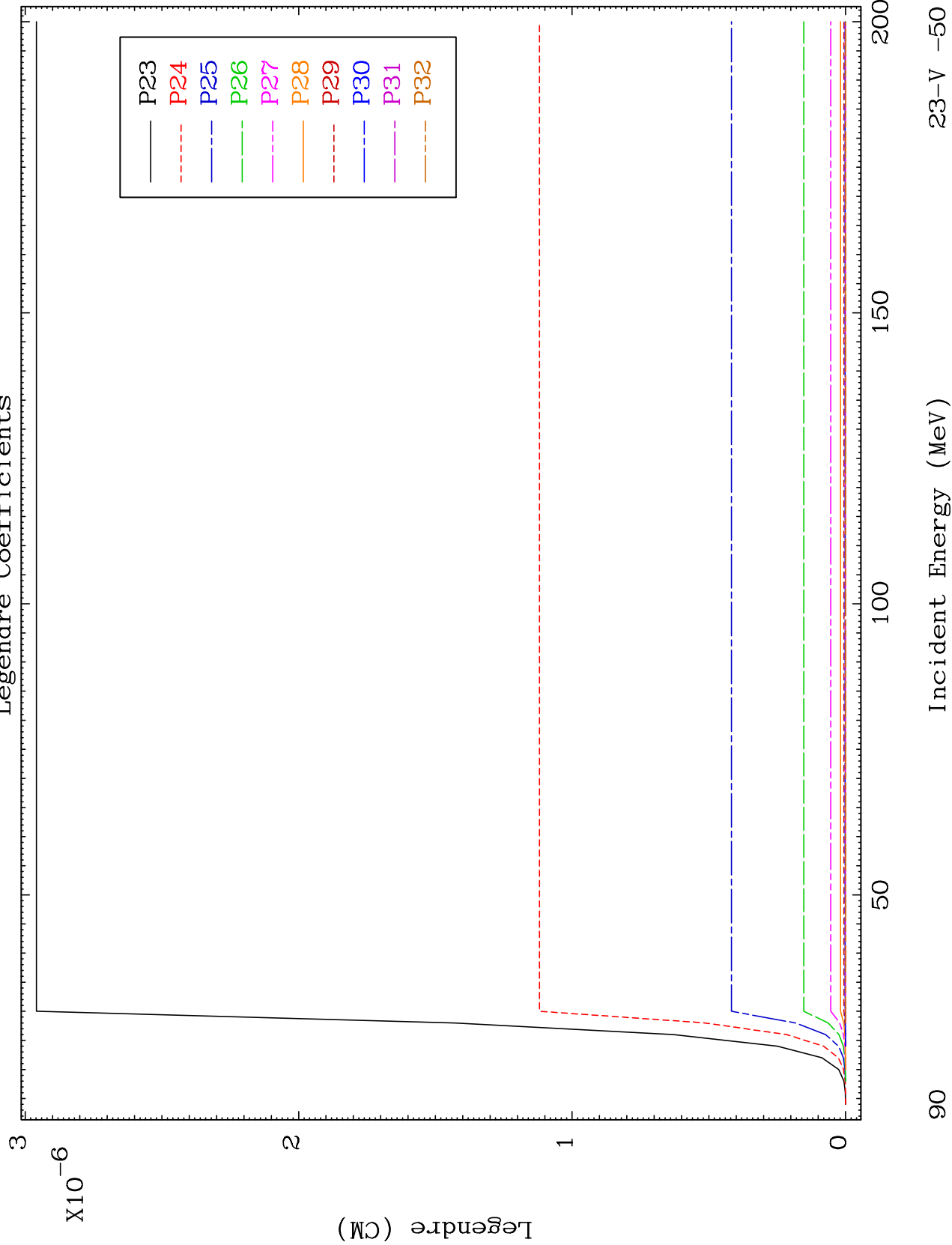
Incident Energy (MeV)

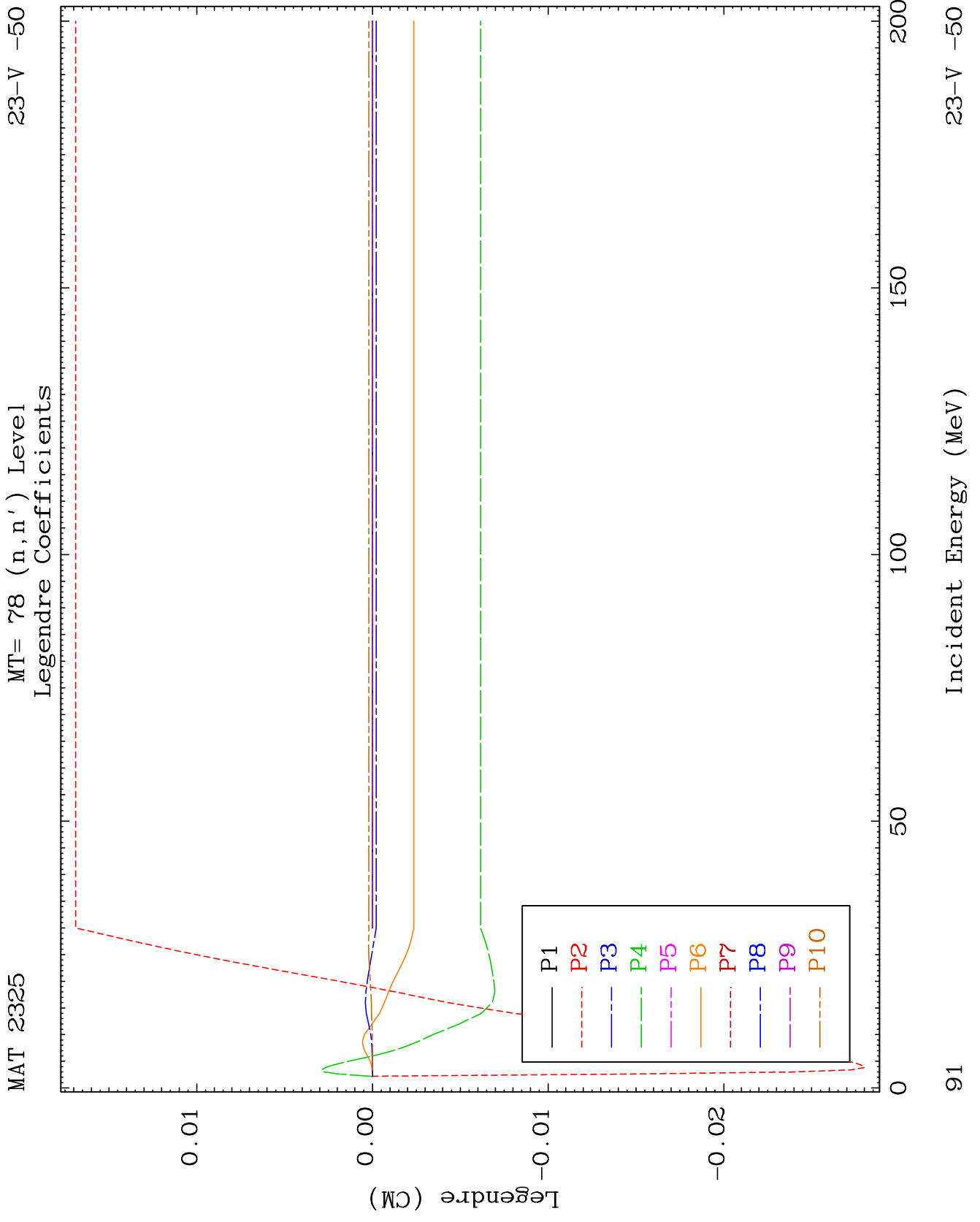
23-V -50

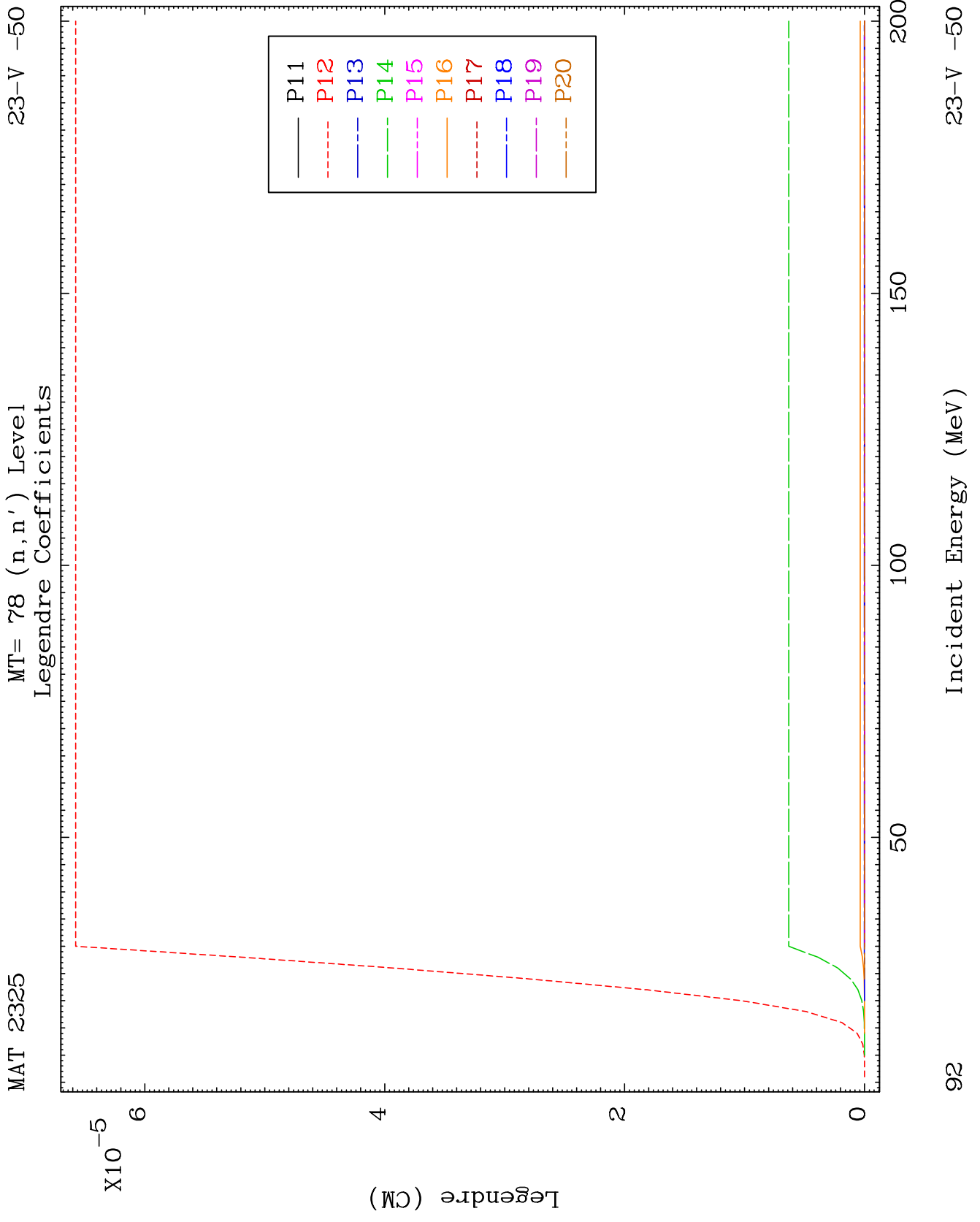
MAT 2325

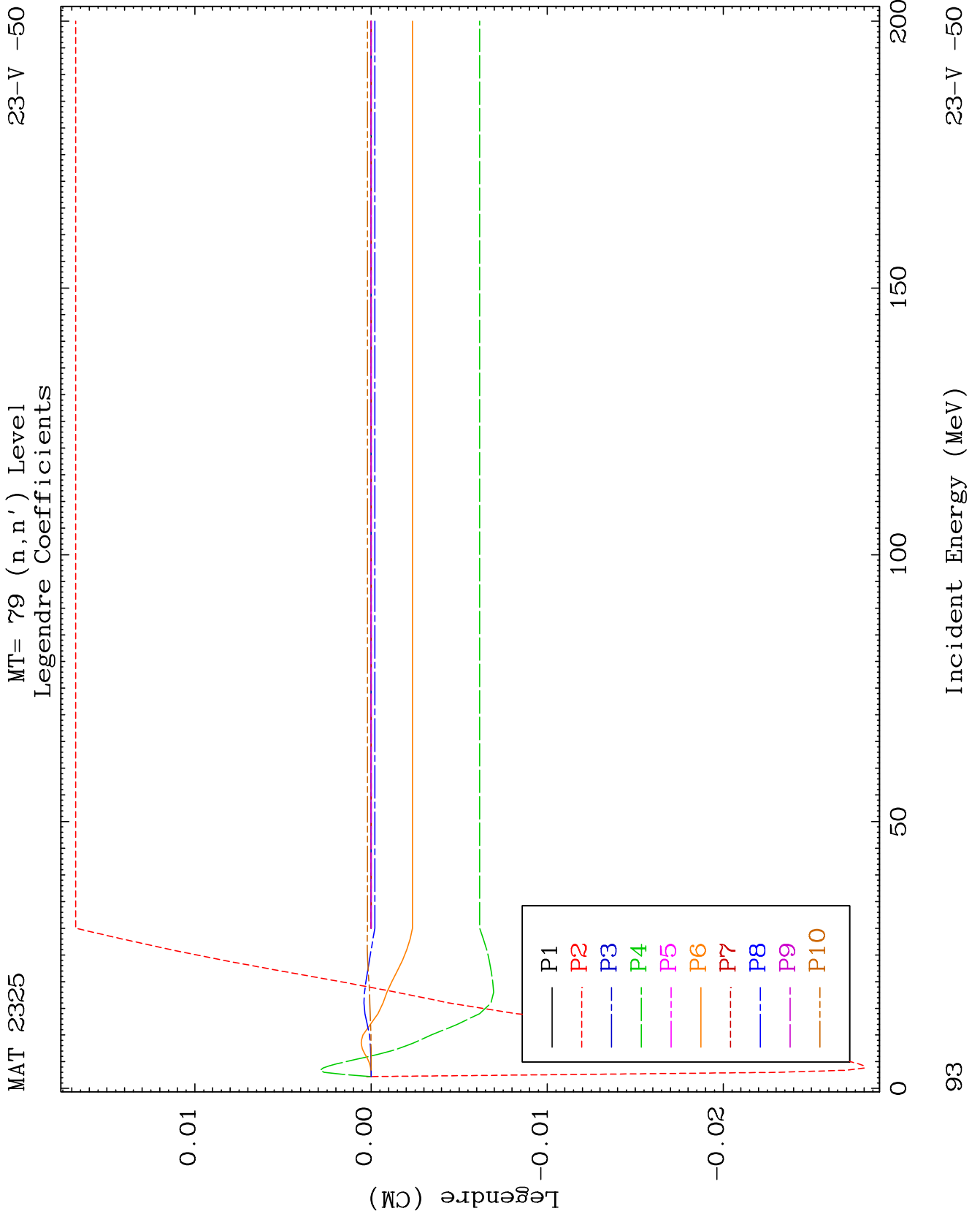
MT= 77 (n,n') Level
Legendre Coefficients

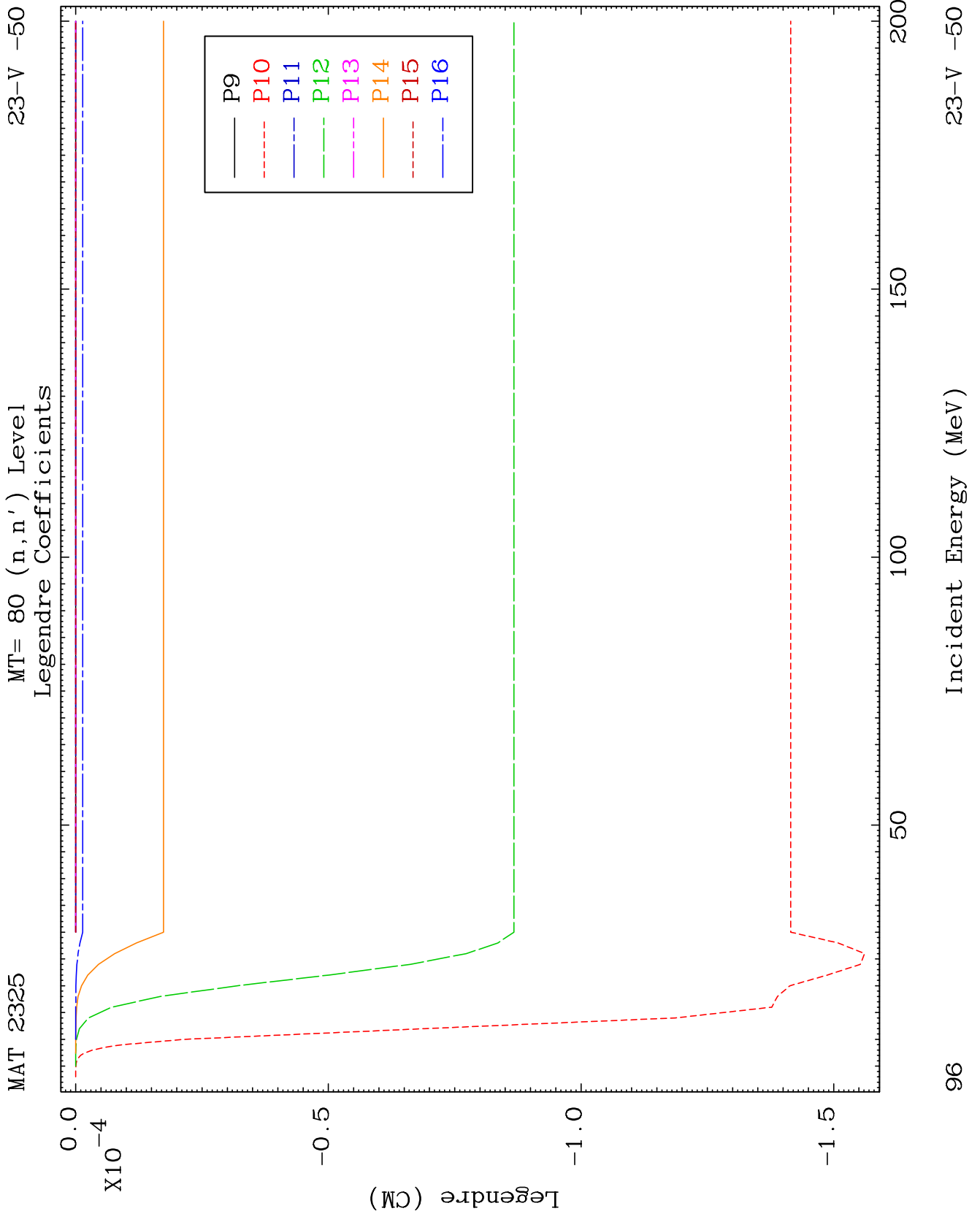
23-V -50

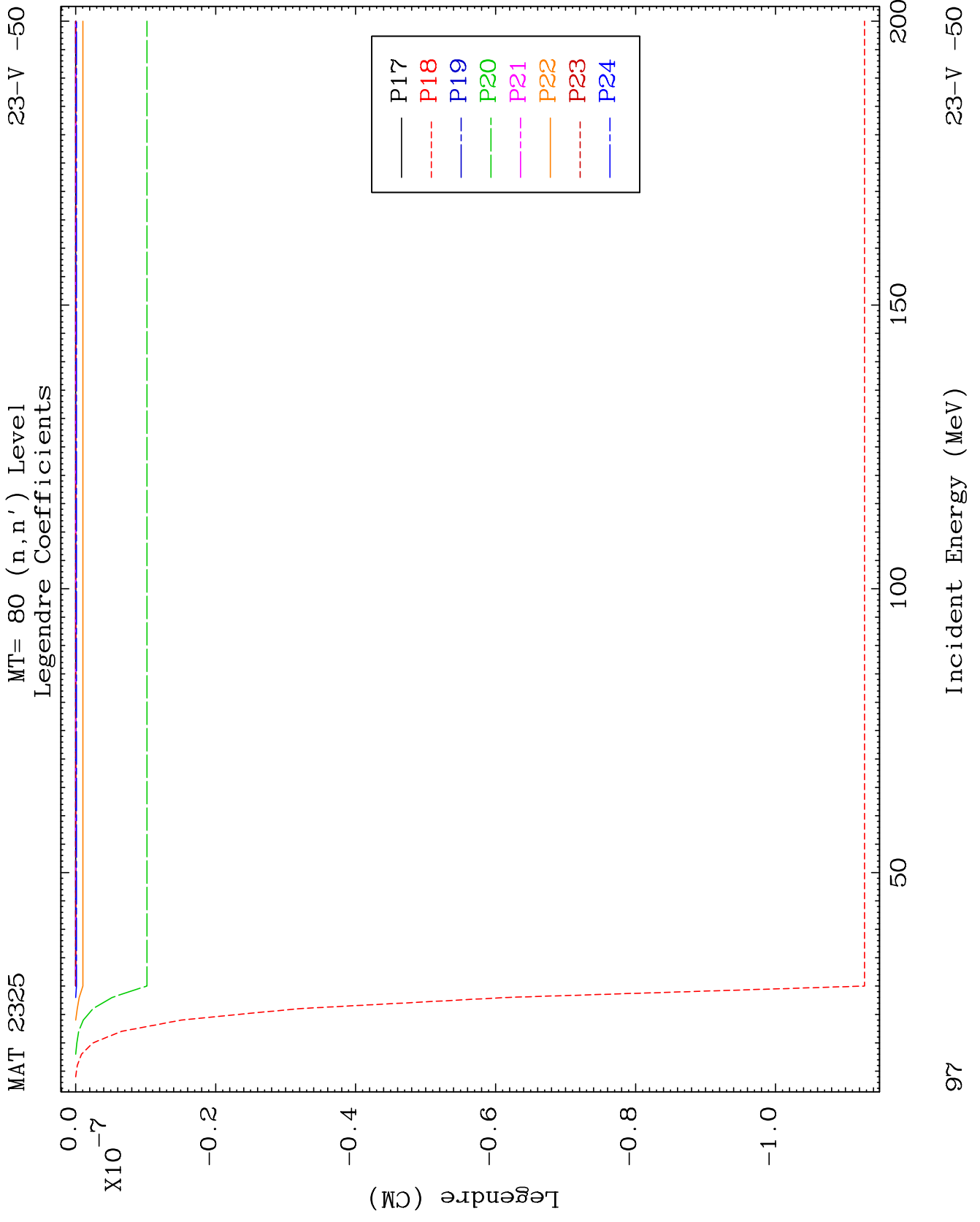










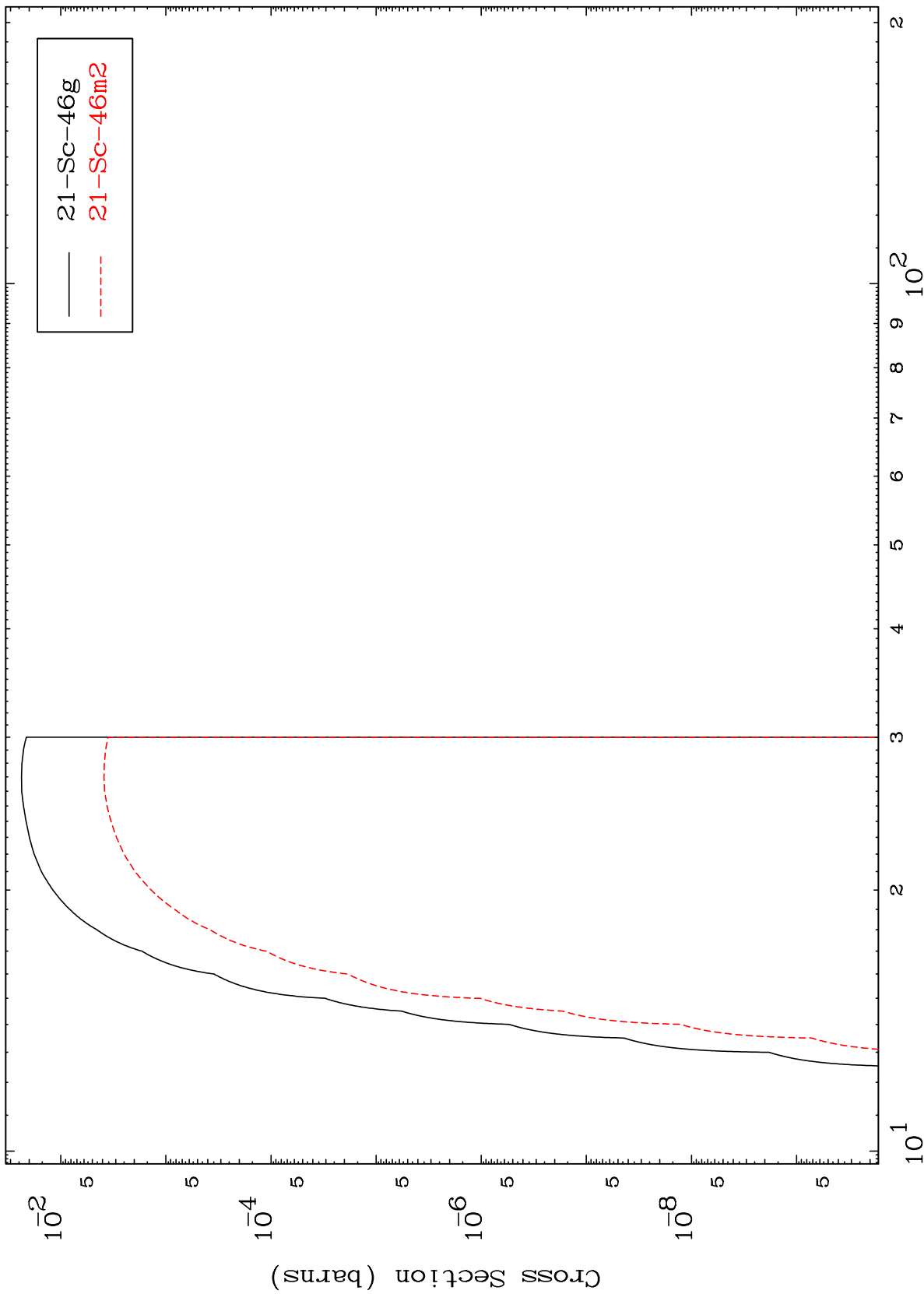


MAT 2325

(n,n') α

23-V -50

Radionuclide Production Cross Section



— 21-Sc-46g
- - - 21-Sc-46m2

98

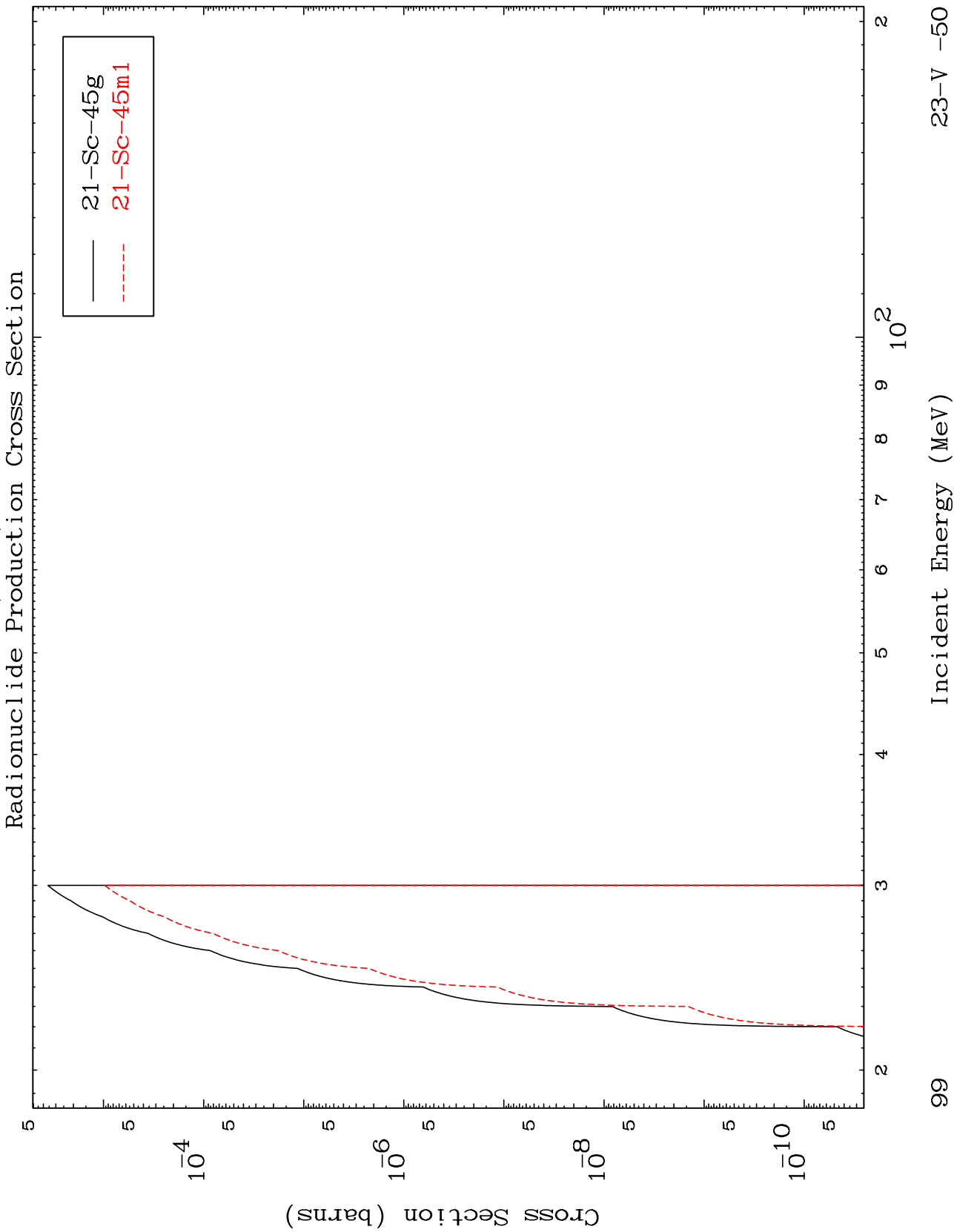
Incident Energy (MeV)

23-V -50

MAT 2325

(n,2n) α

23-V -50



99

Incident Energy (MeV)

23-V -50