

Program EVALPLOT
(Version 2021-1)

by

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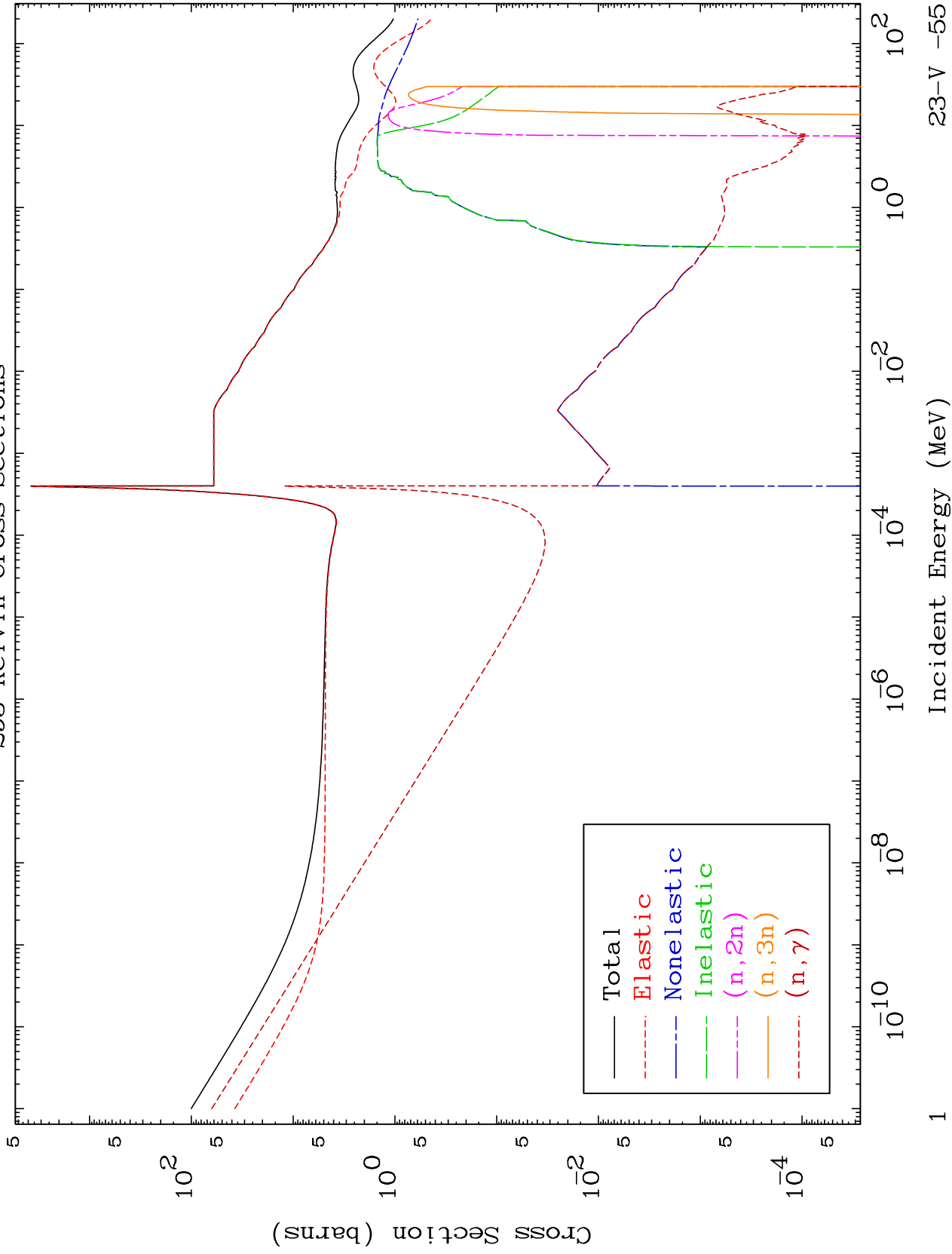
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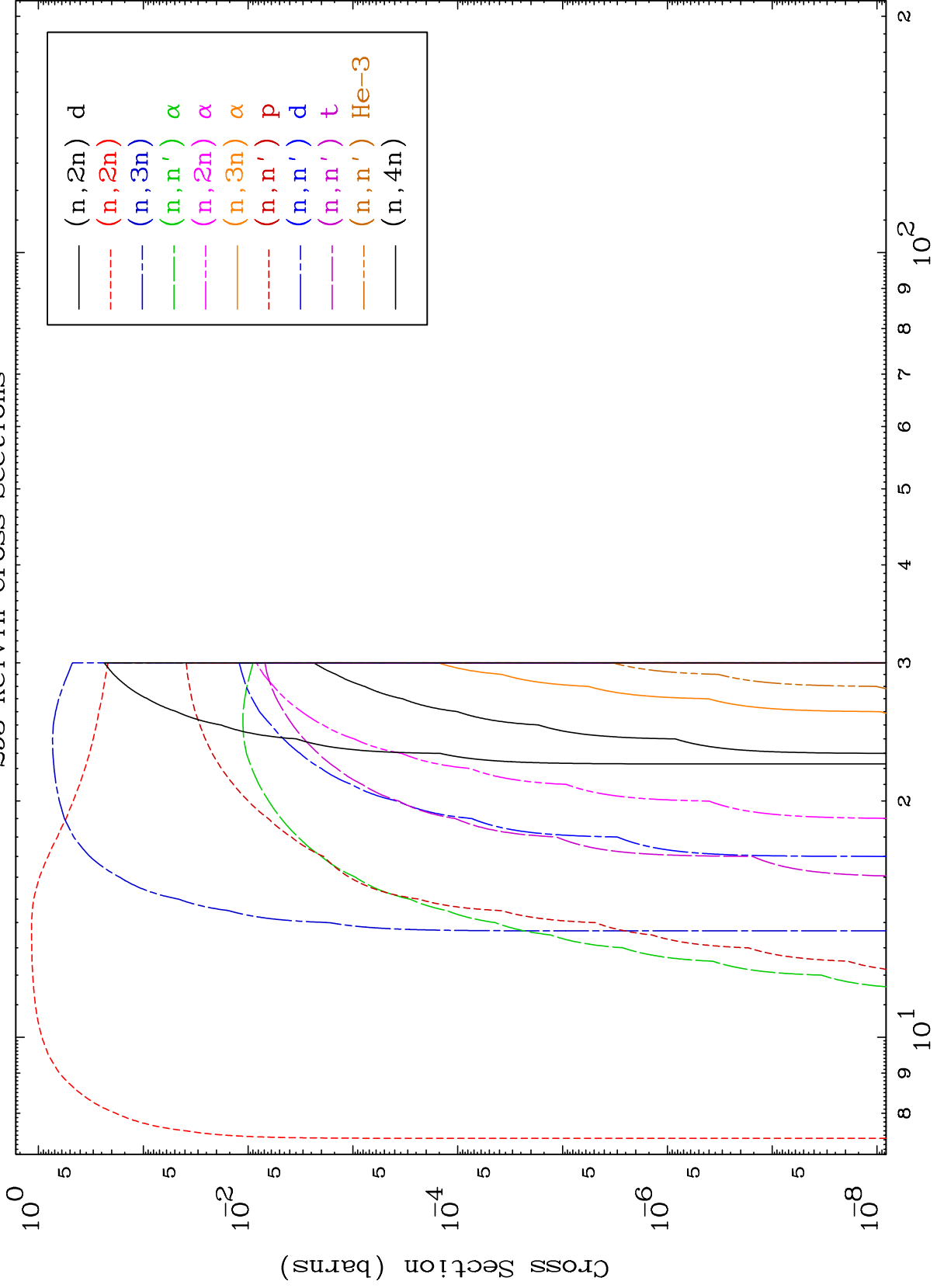
Press Mouse Button to Start

MAT 2340

Neutron Major
293 Kelvin Cross Sections

23-V -55

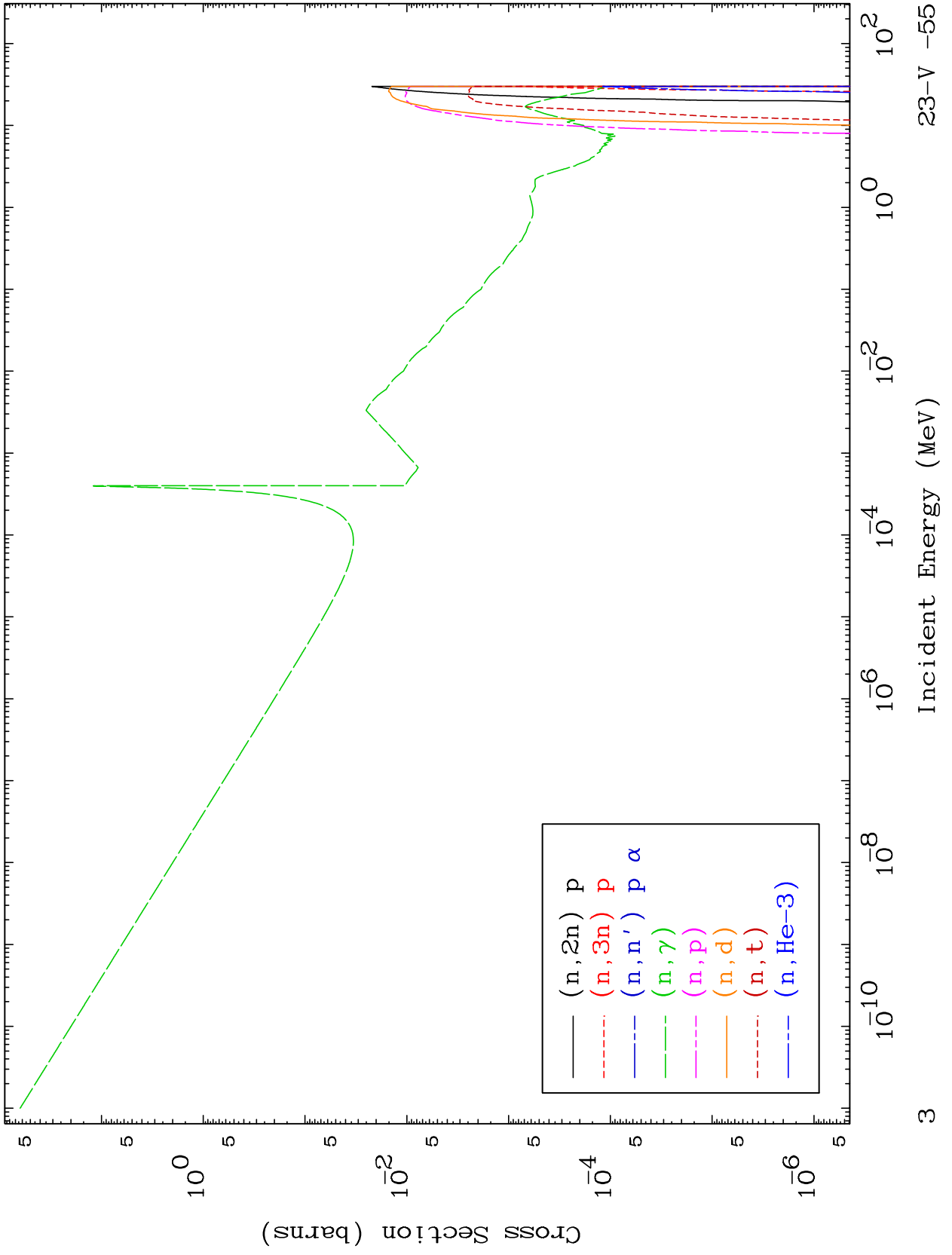


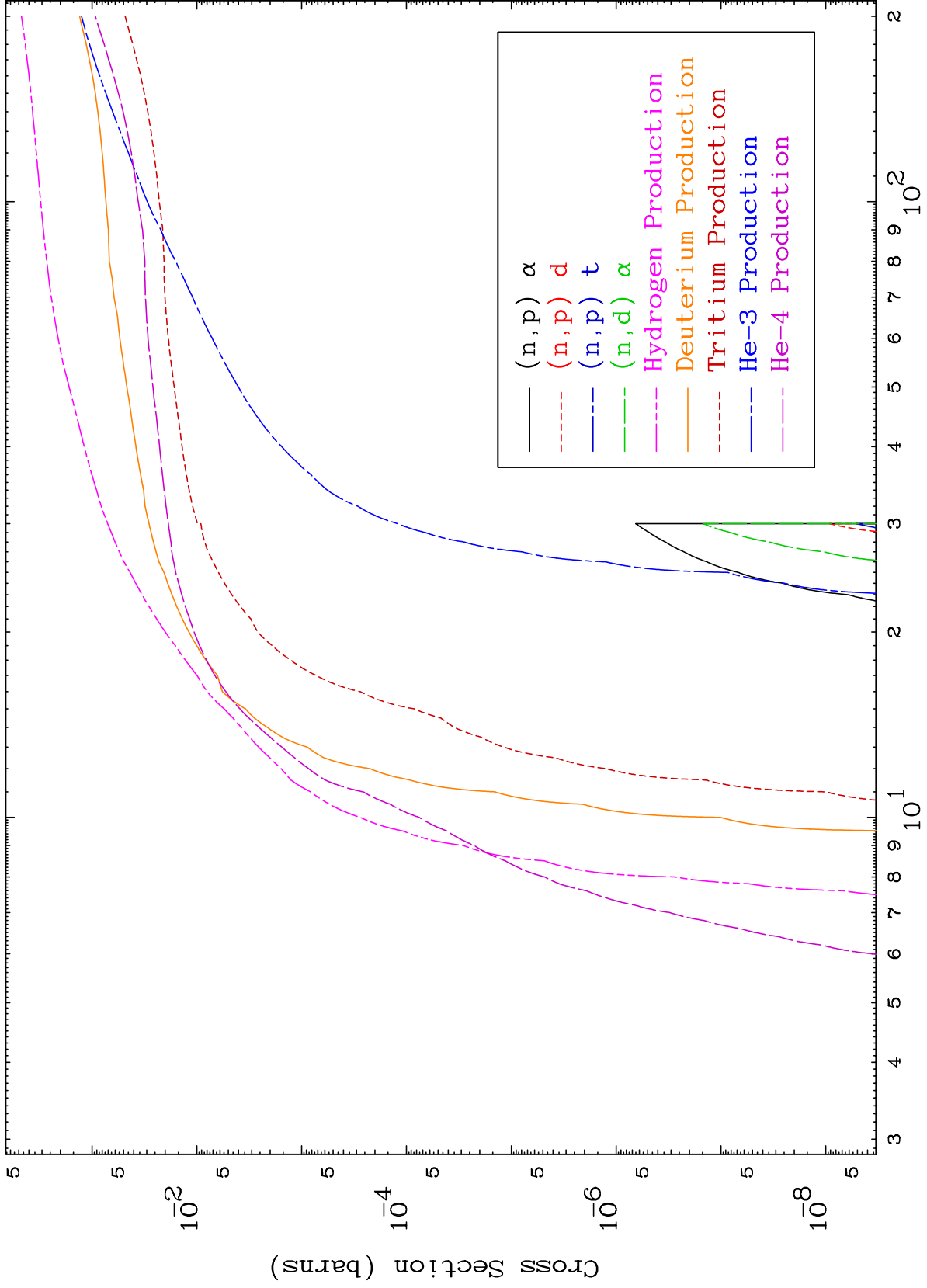


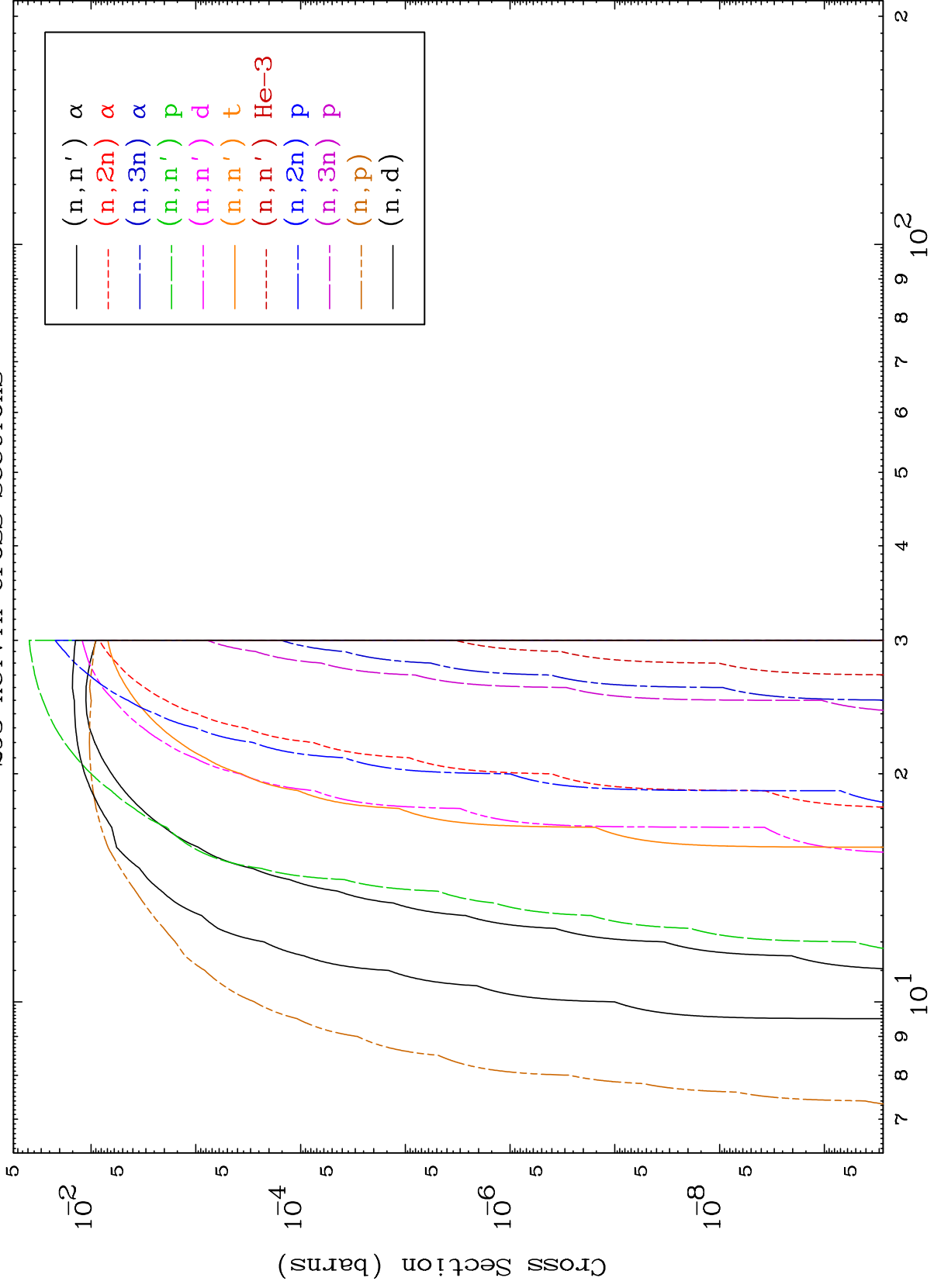
MAT 2340

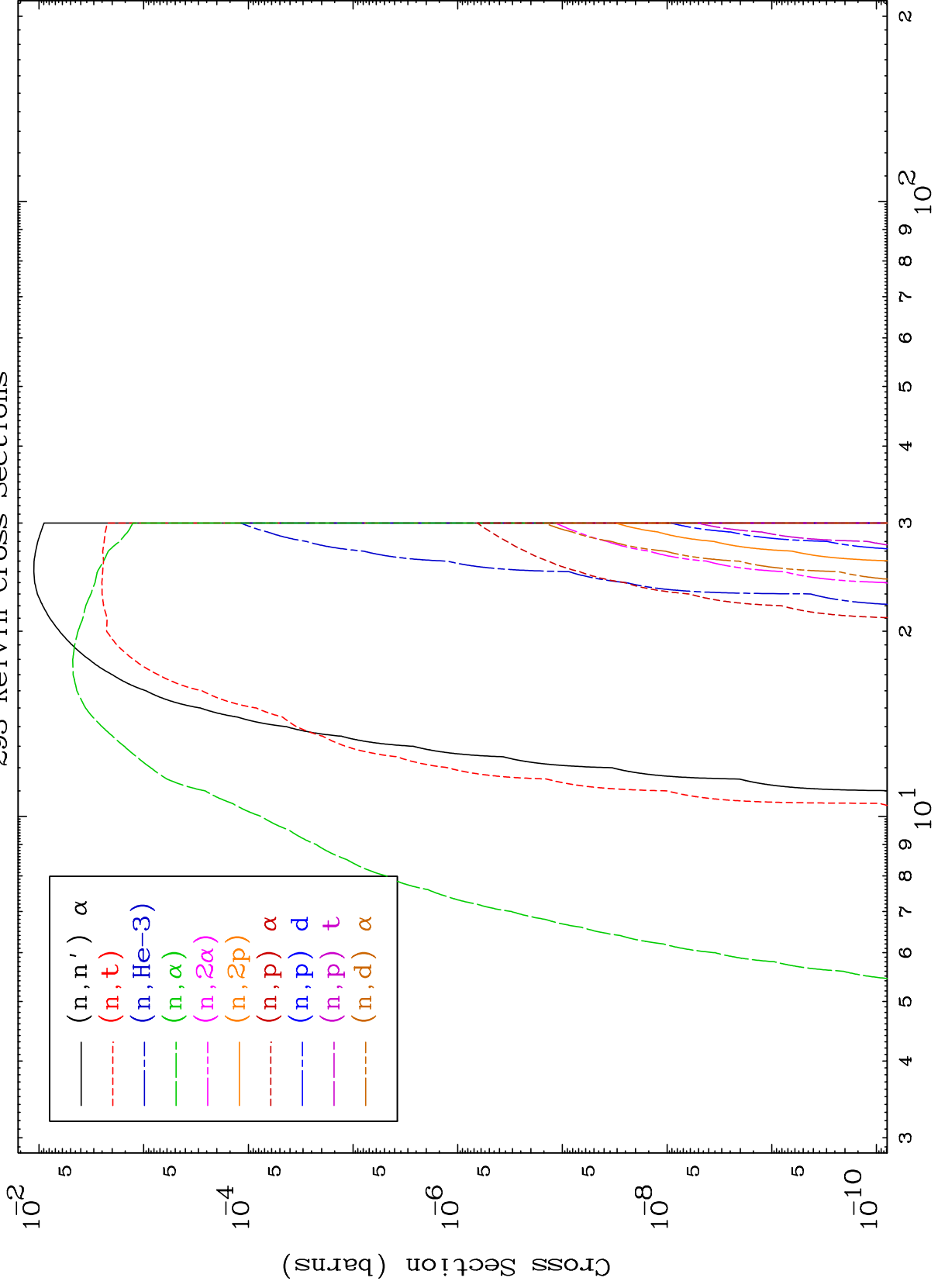
Neutron Absorption
293 Kelvin Cross Sections

23-V -55





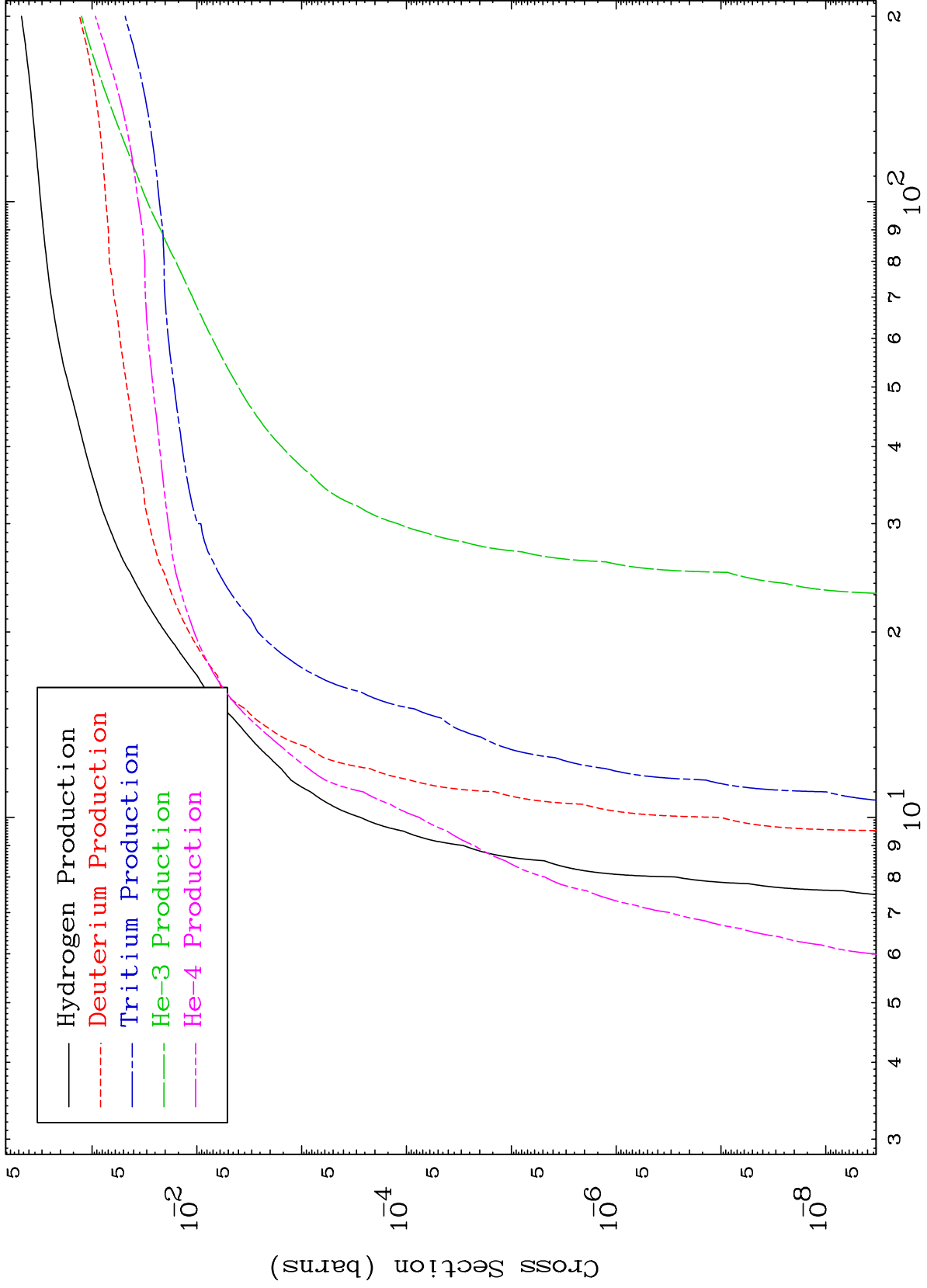




MAT 2340

Particle Production
293 Kelvin Cross Sections

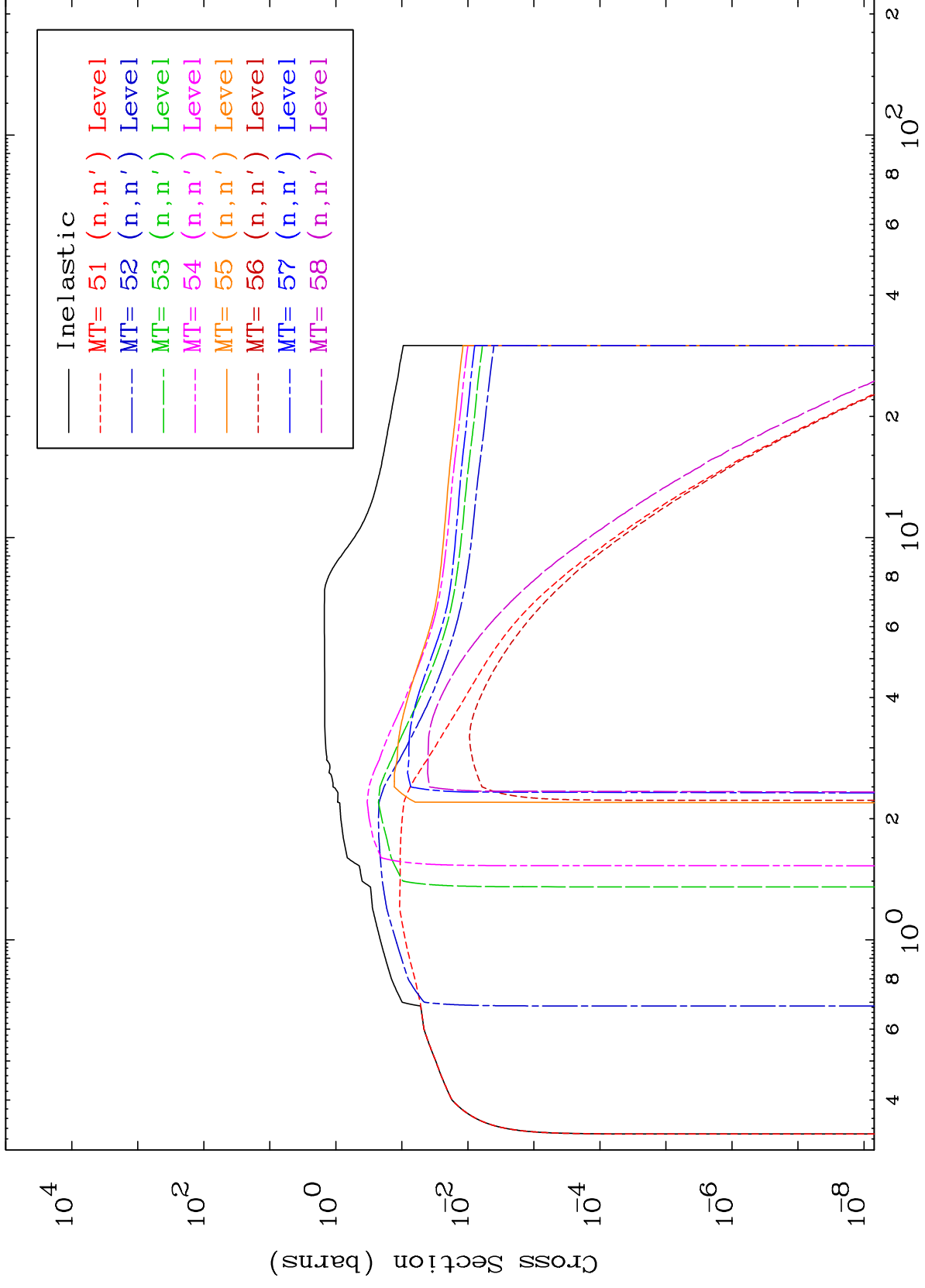
23-V -55

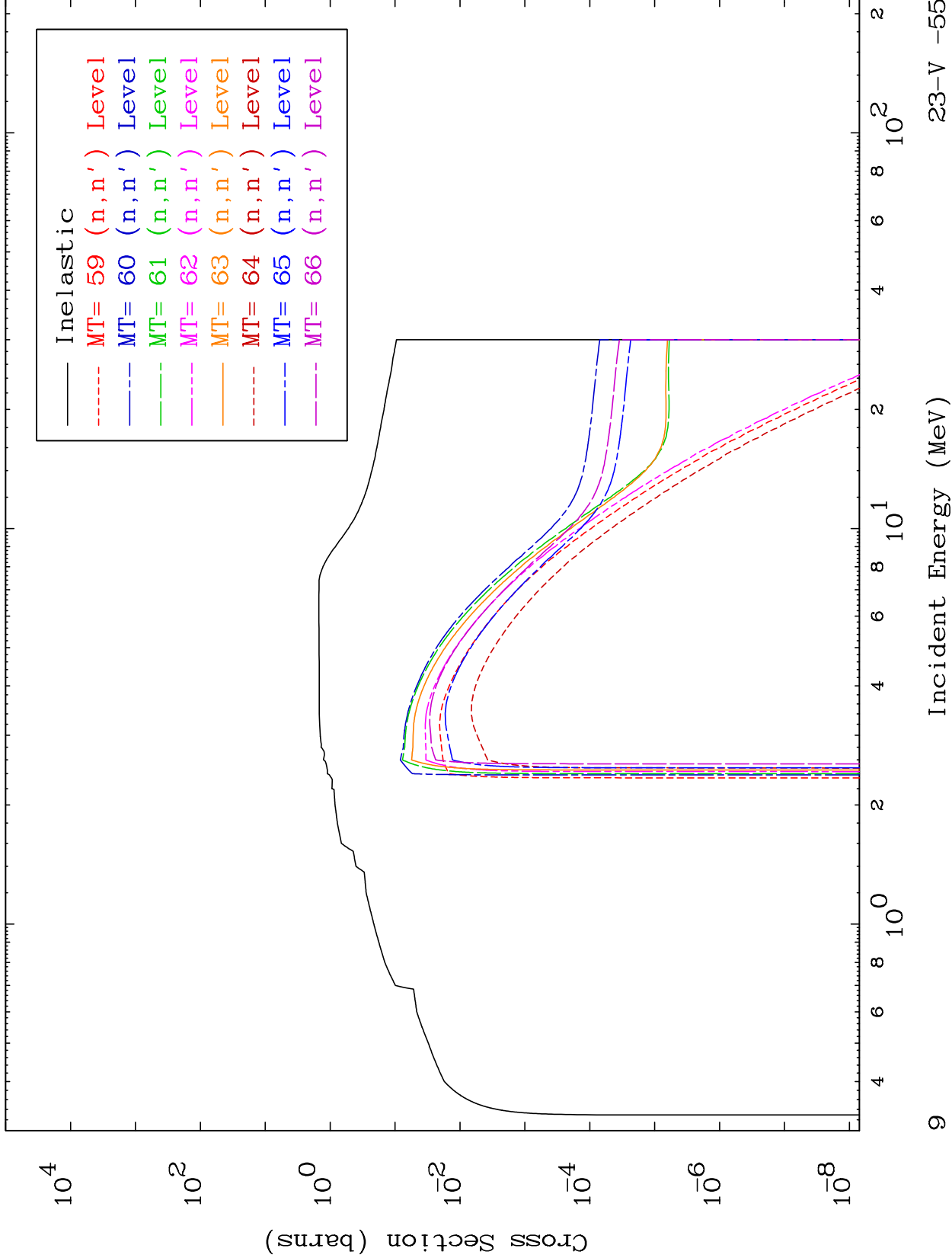


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Incident Energy (MeV)

23-V -55

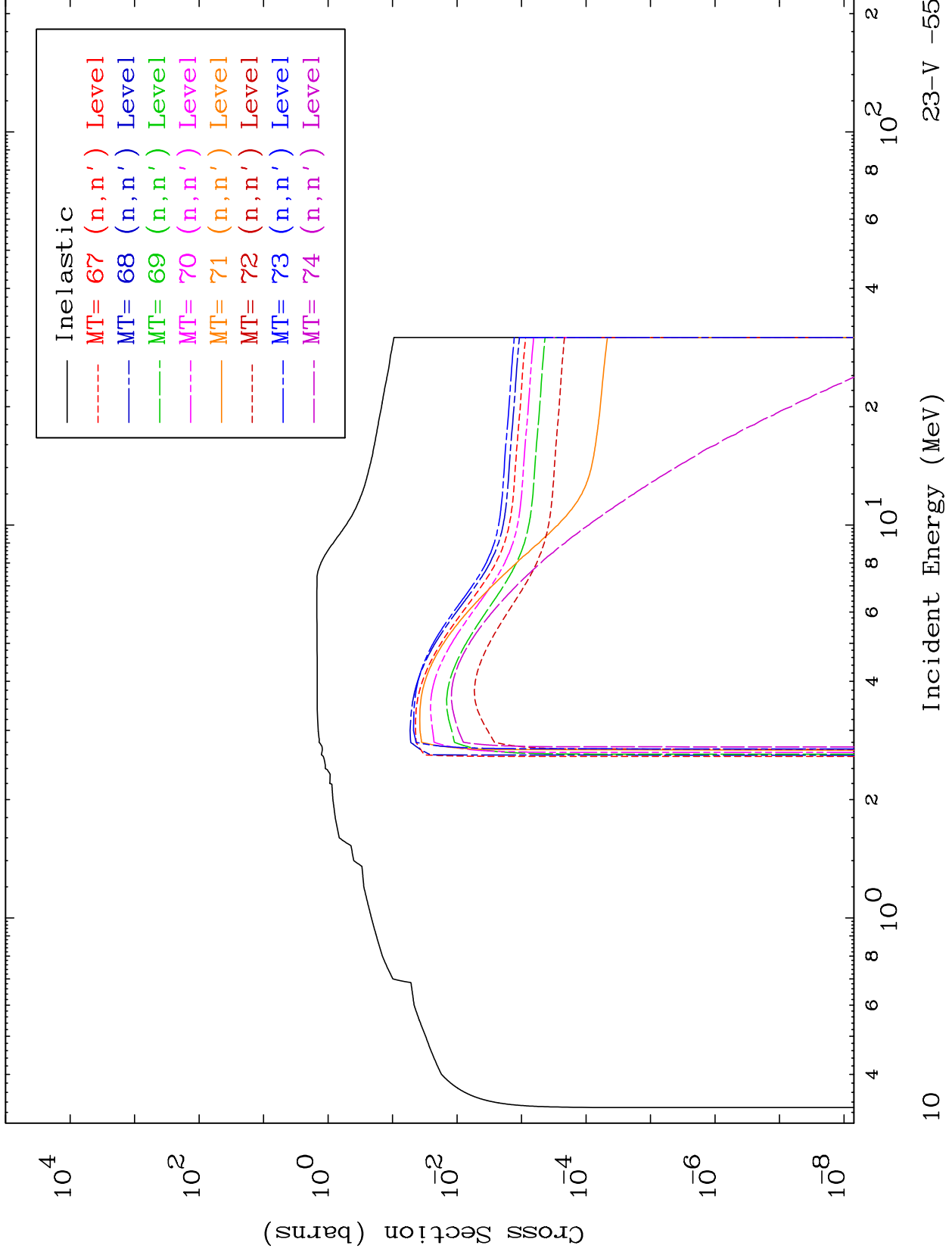




MAT 2340

(n,n') Levels
293 Kelvin Cross Sections

23-V -55



10

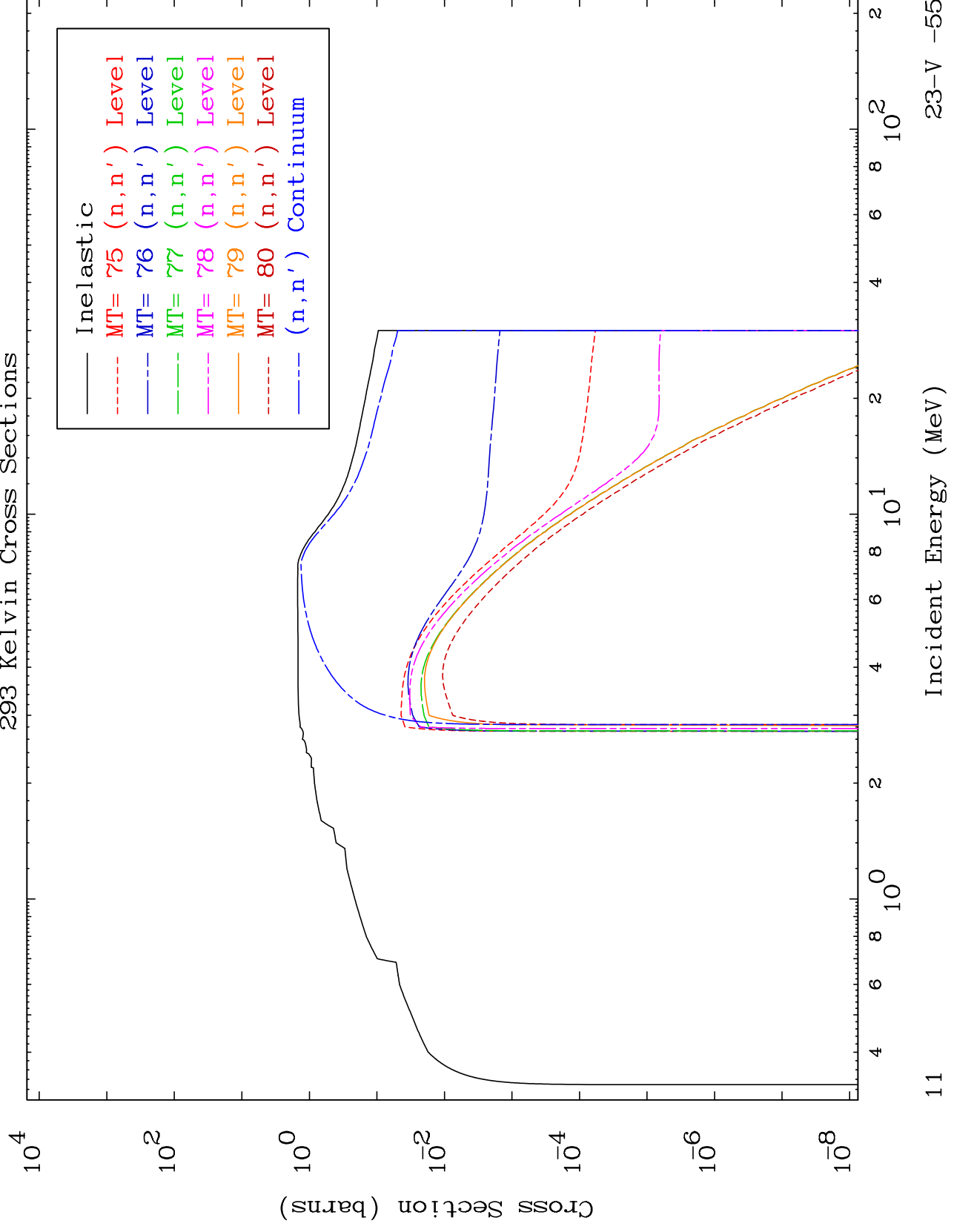
Incident Energy (MeV)

23-V -55

MAT 2340

(n,n') Levels
293 Kelvin Cross Sections

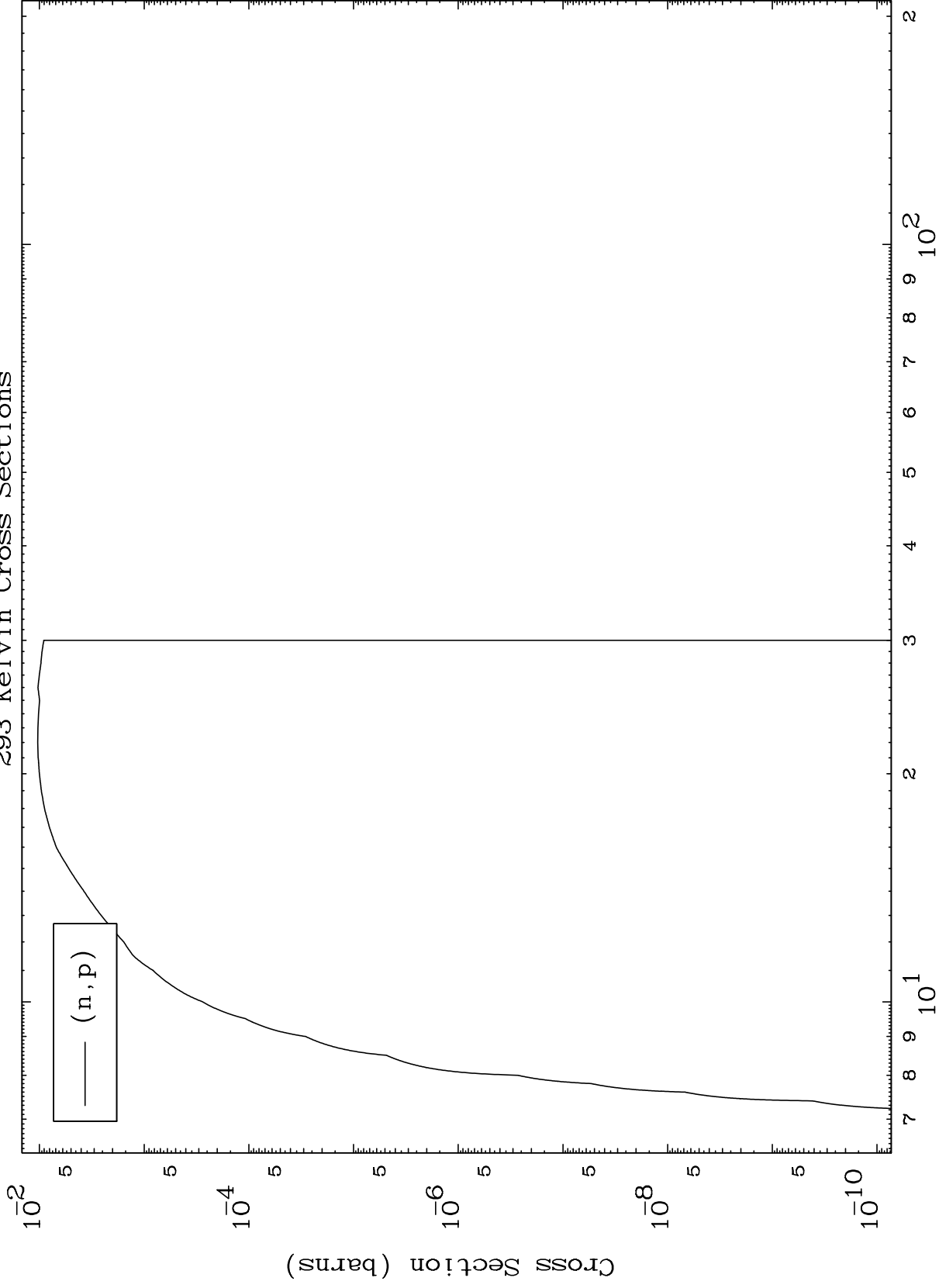
23-V -55



MAT 2340

(n,p) Levels
293 Kelvin Cross Sections

23-V -55



12

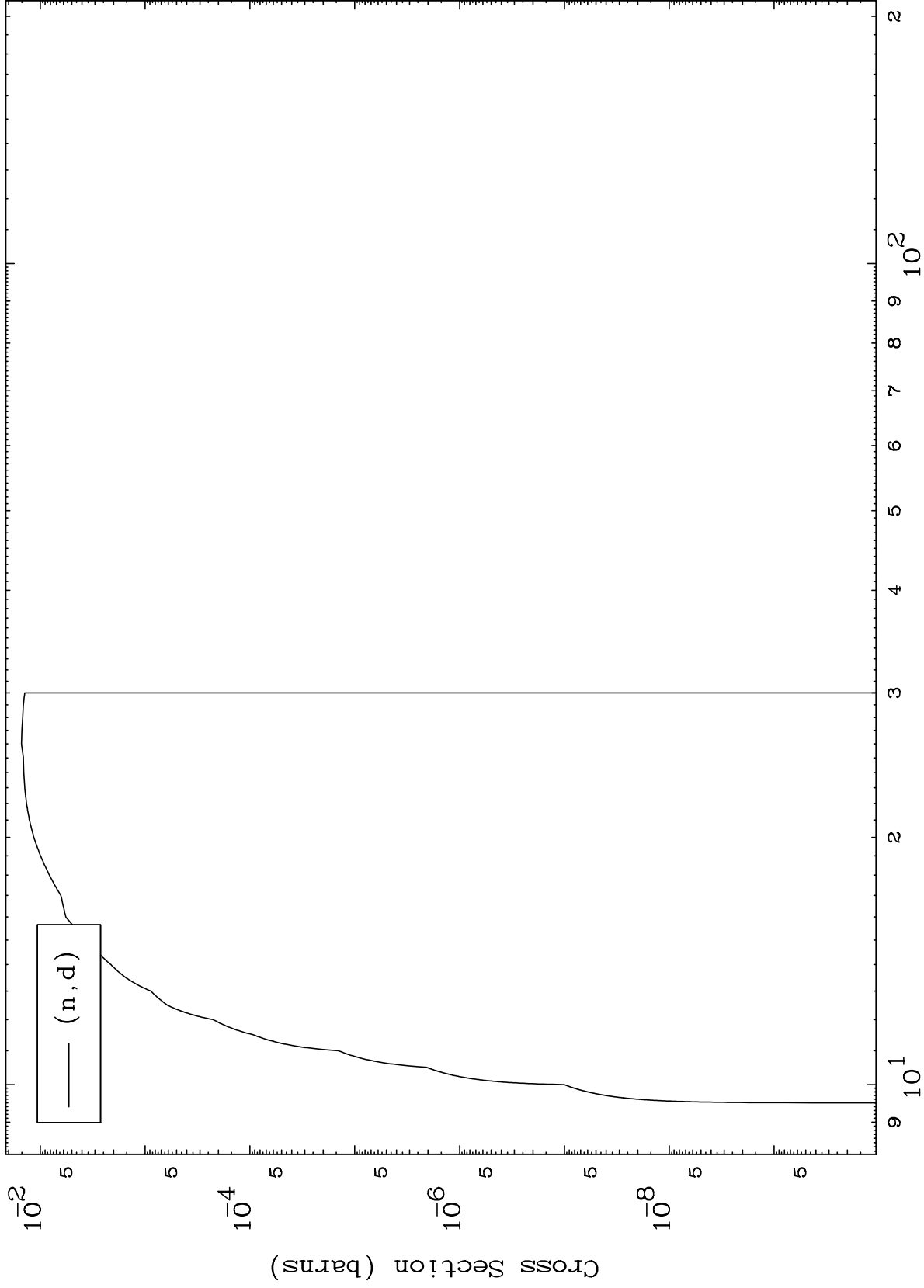
Incident Energy (MeV)

23-V -55

MAT 2340

(n,d) Levels
293 Kelvin Cross Sections

23-V -55



13

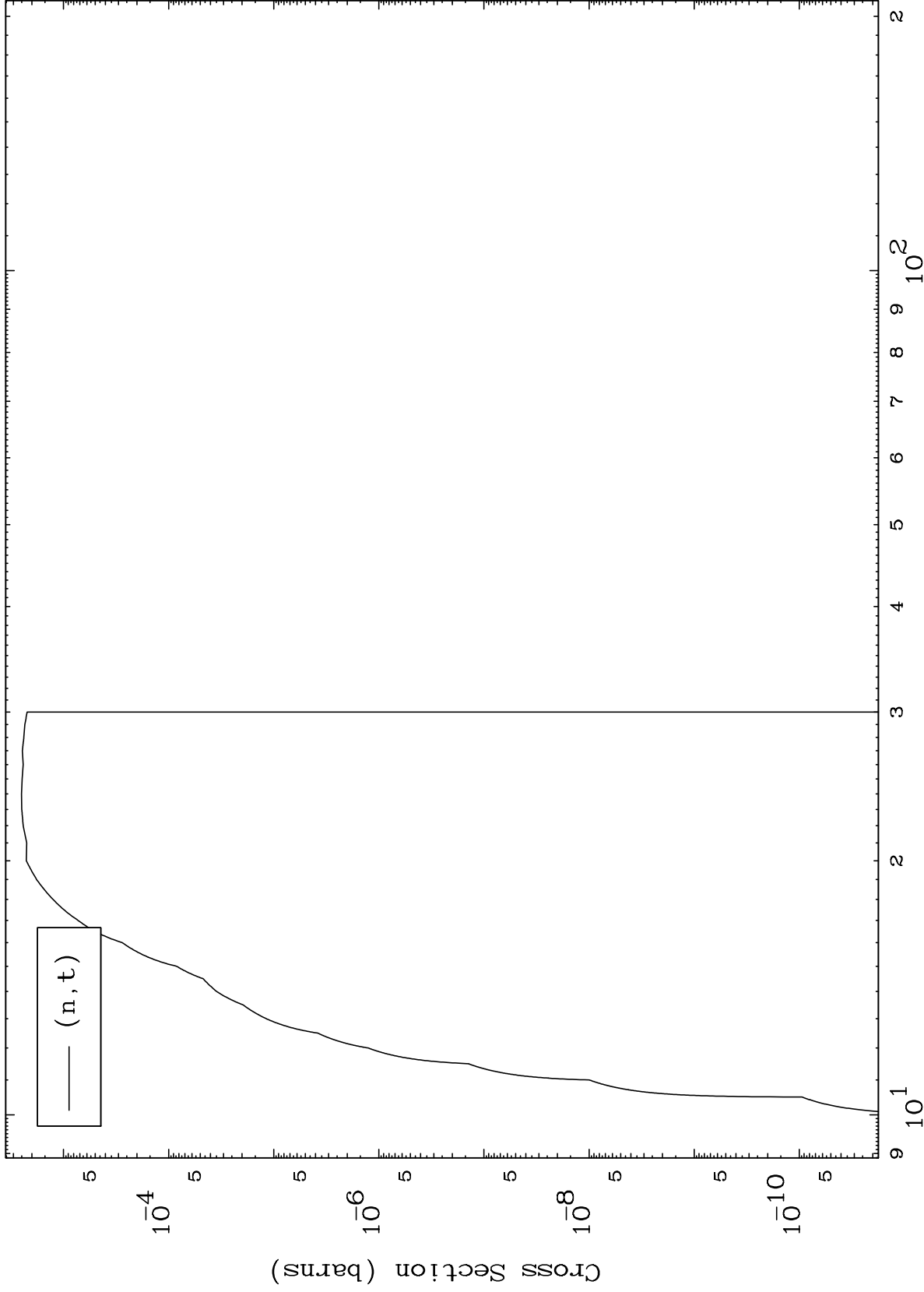
Incident Energy (MeV)

23-V -55

MAT 2340

(n,t) Levels
293 Kelvin Cross Sections

23-V -55



14

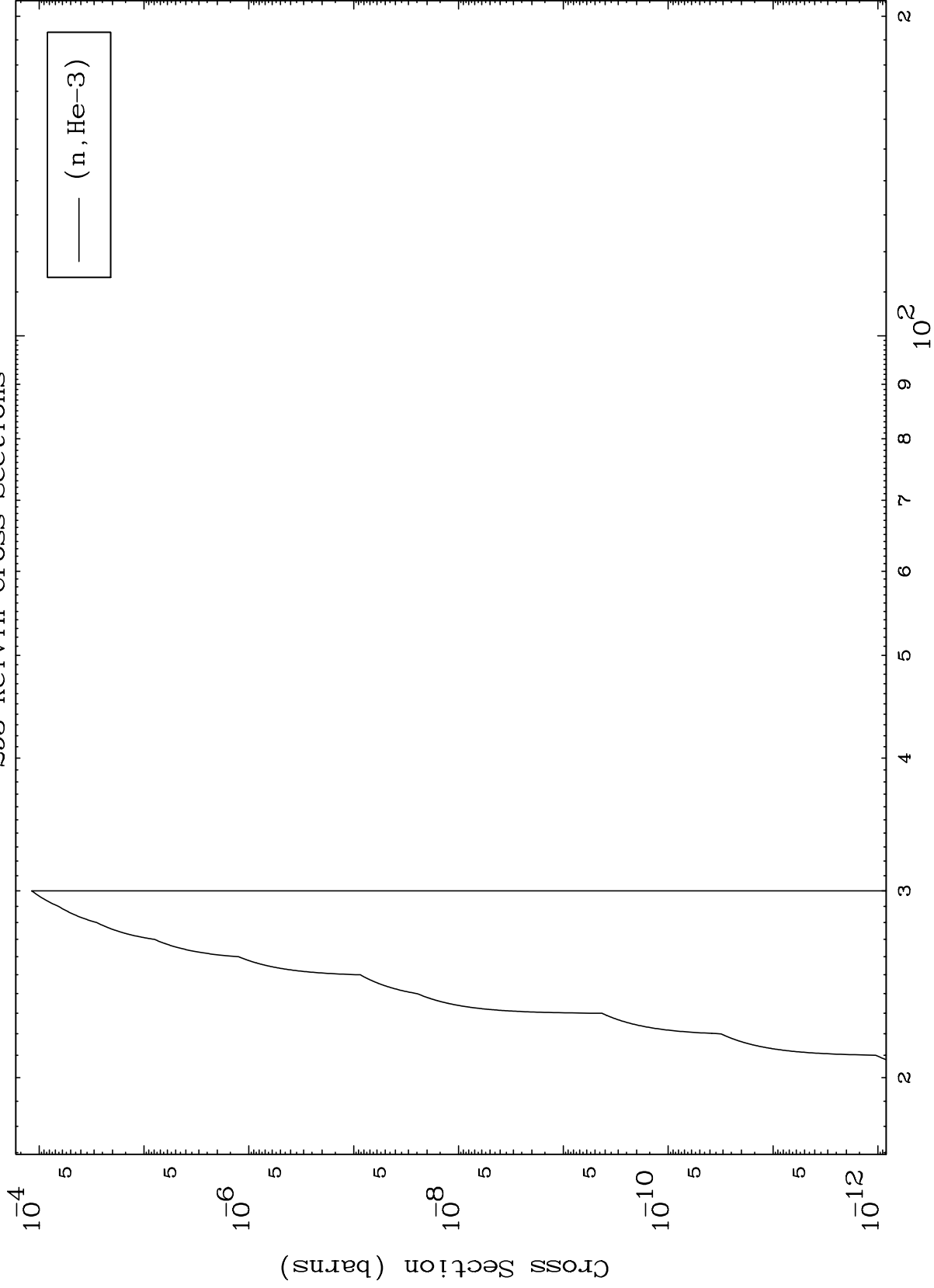
Incident Energy (MeV)

23-V -55

MAT 2340

(n,He3) Levels
293 Kelvin Cross Sections

23-V -55



15

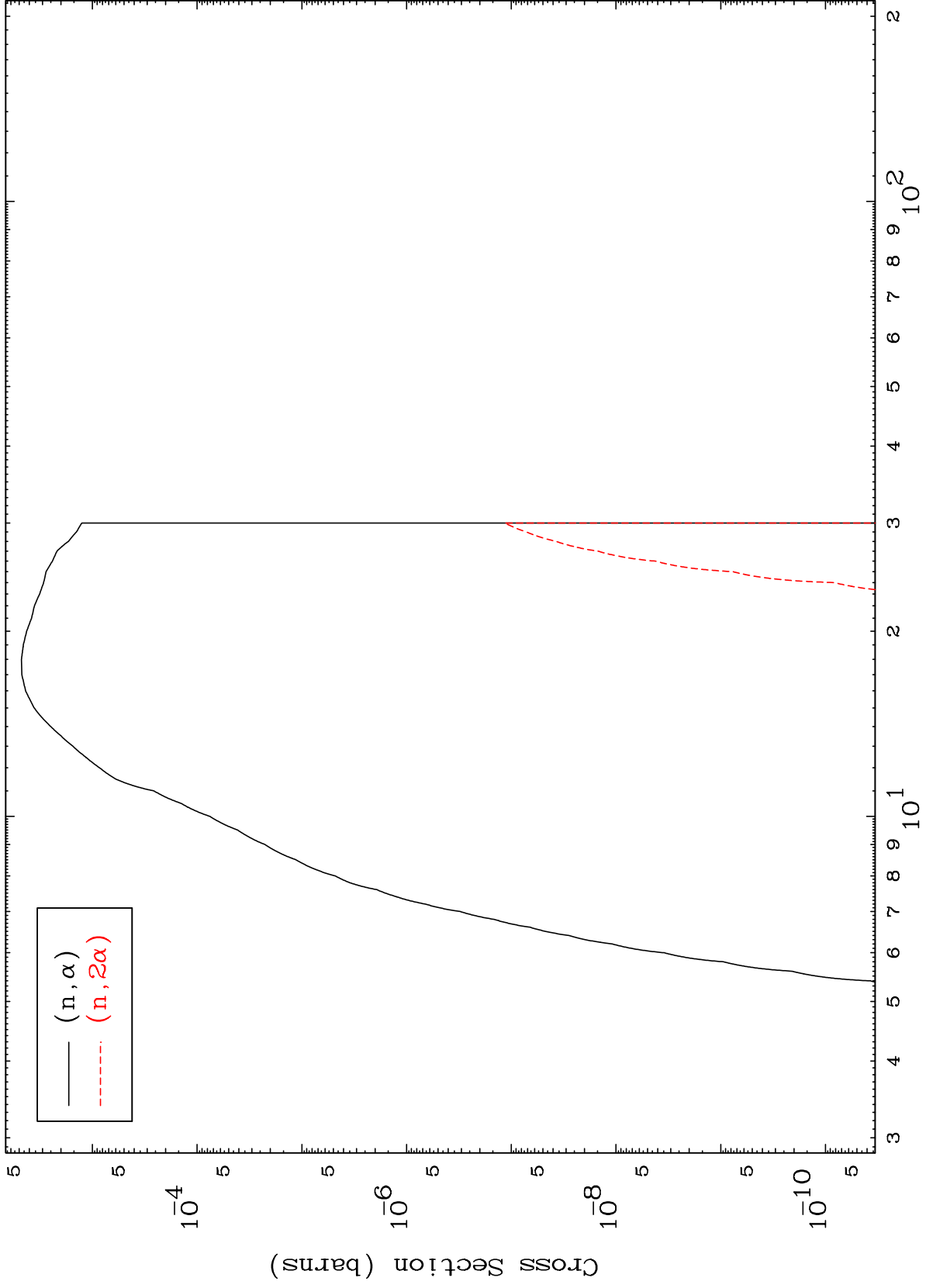
Incident Energy (MeV)

23-V -55

MAT 2340

(n, α) Levels
293 Kelvin Cross Sections

23-V -55

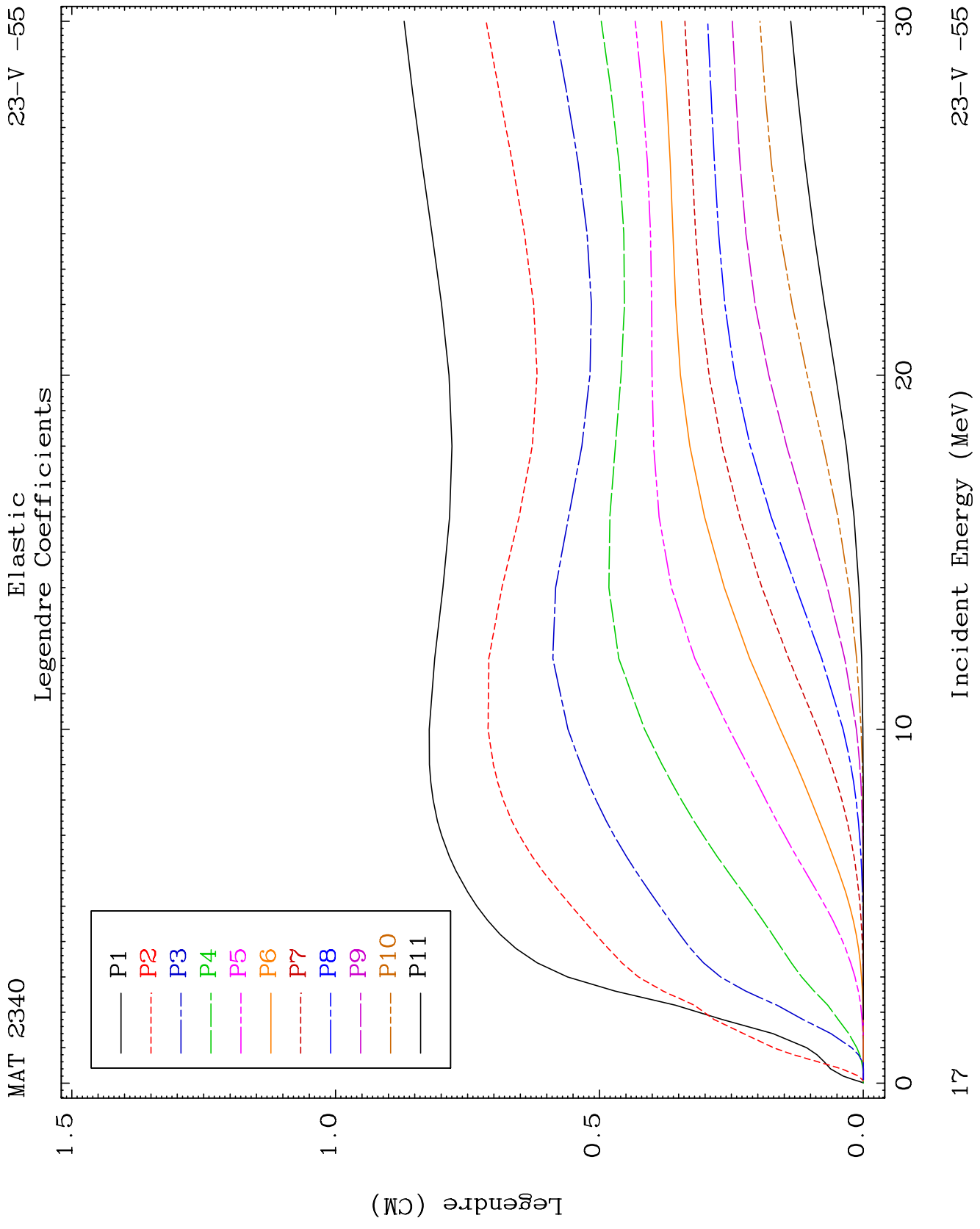


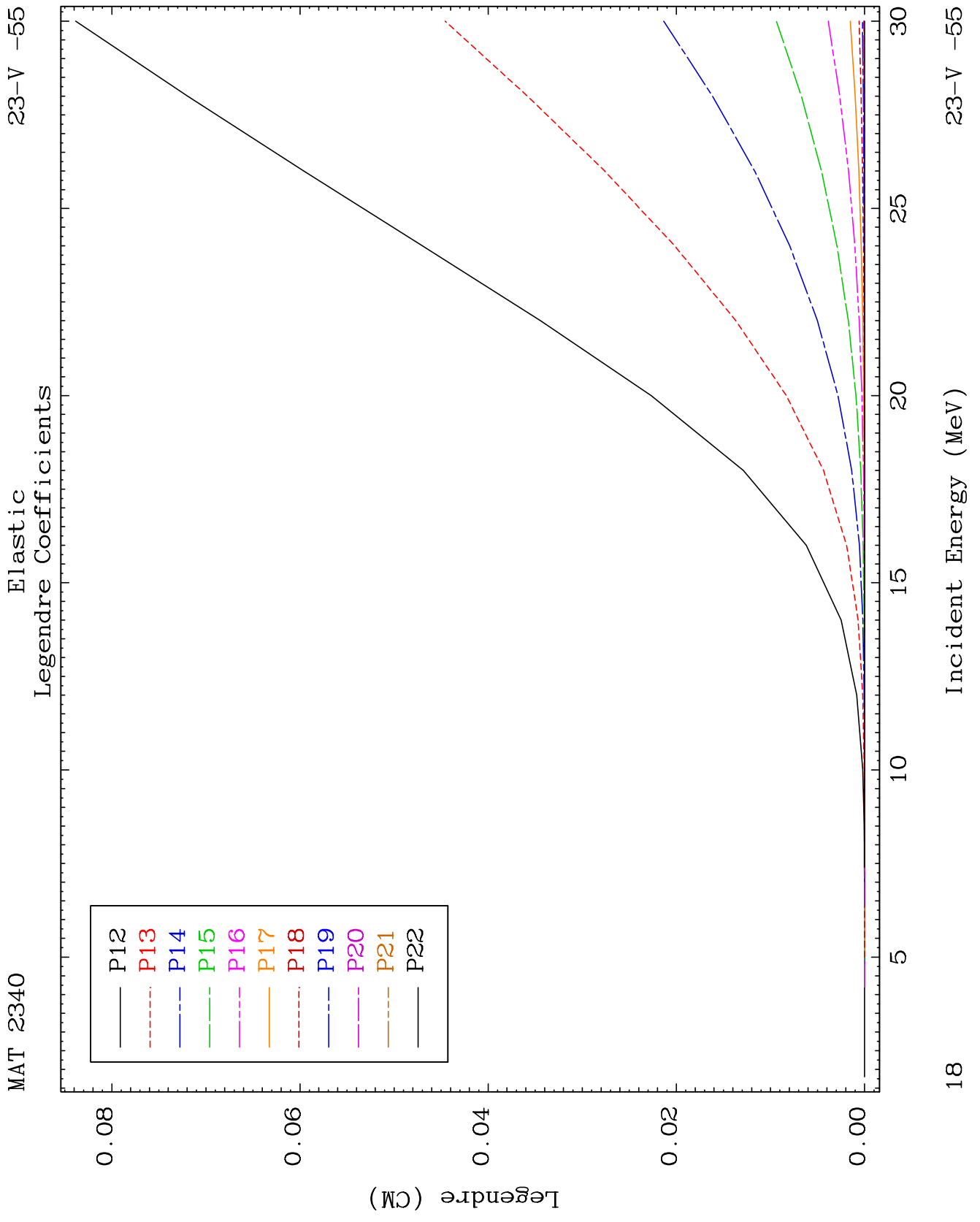
— (n, α)
- - - (n, 2α)

16

Incident Energy (MeV)

23-V -55

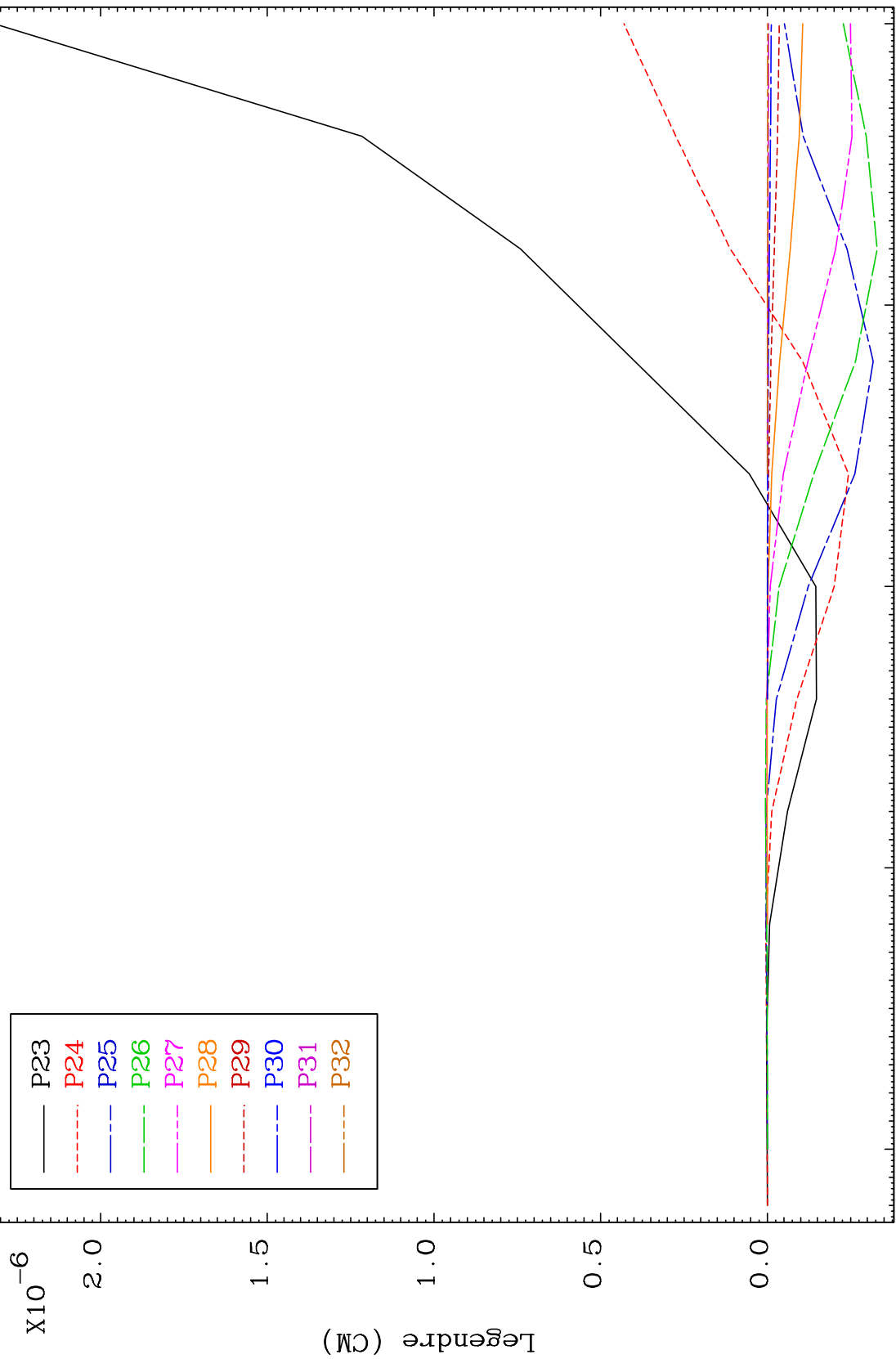
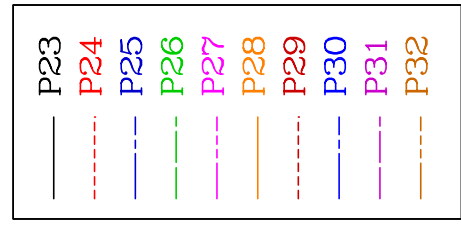




MAT 2340

Elastic Legendre Coefficients

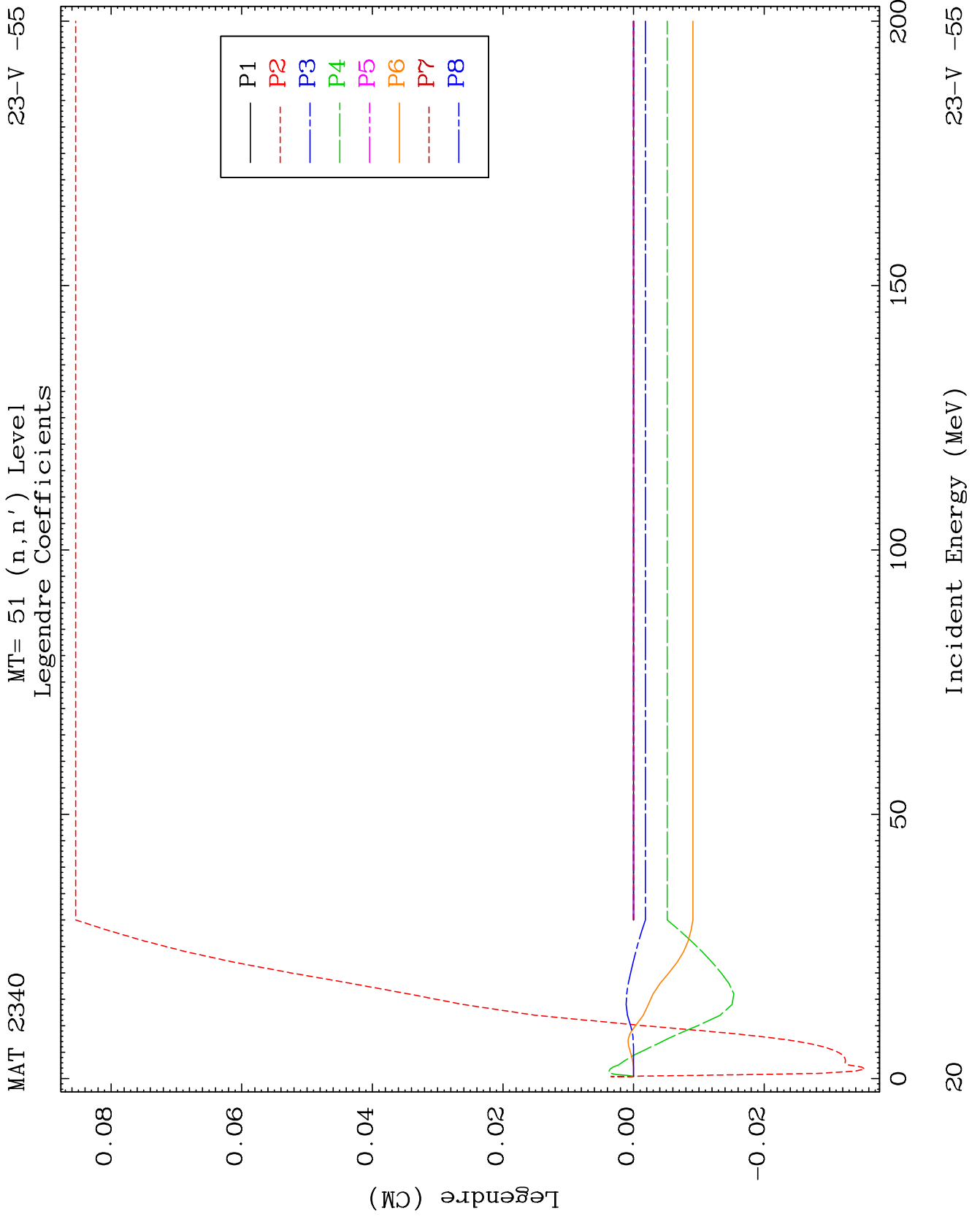
23-V -55



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Incident Energy (MeV)

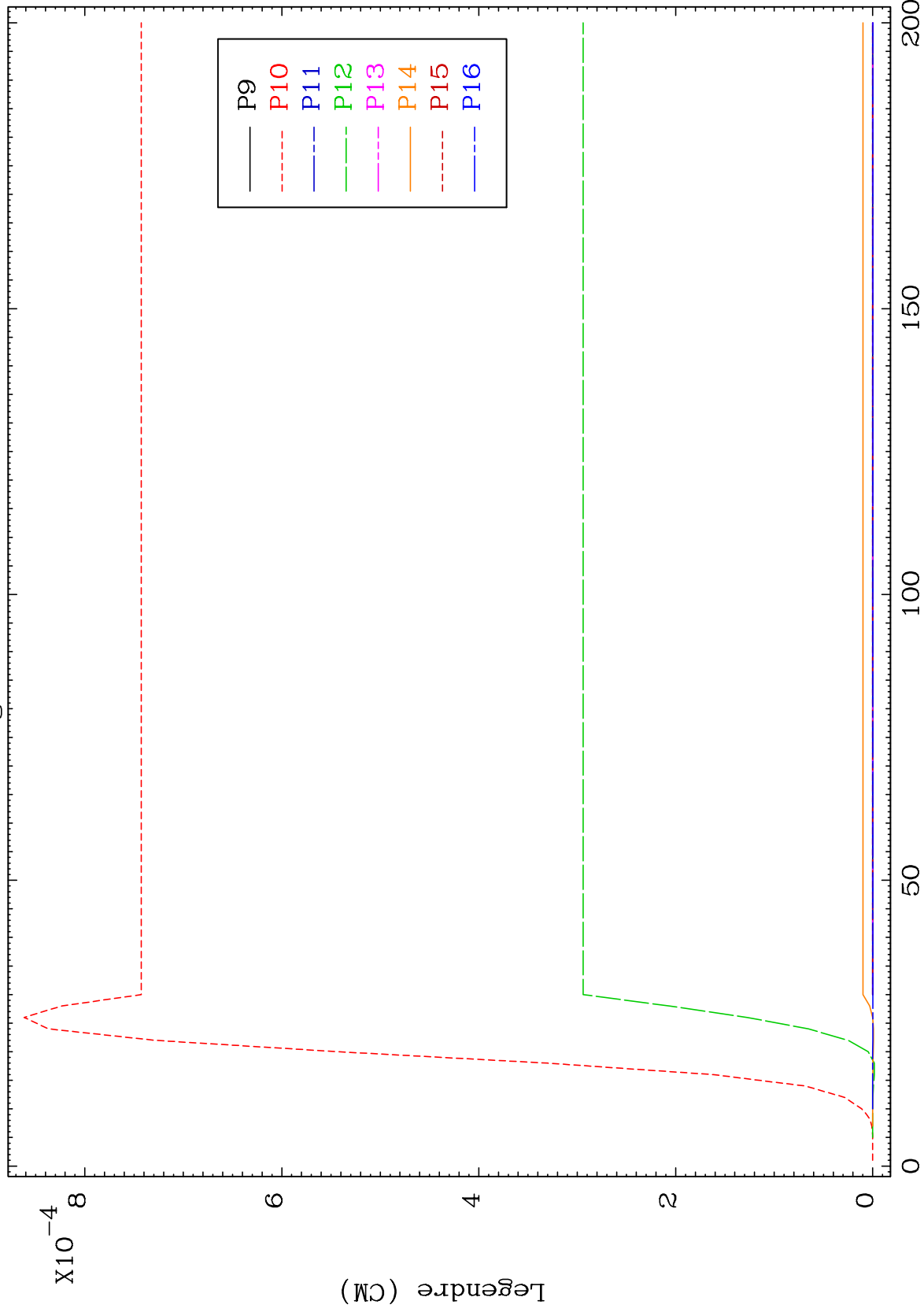
23-V -55



MAT 2340

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

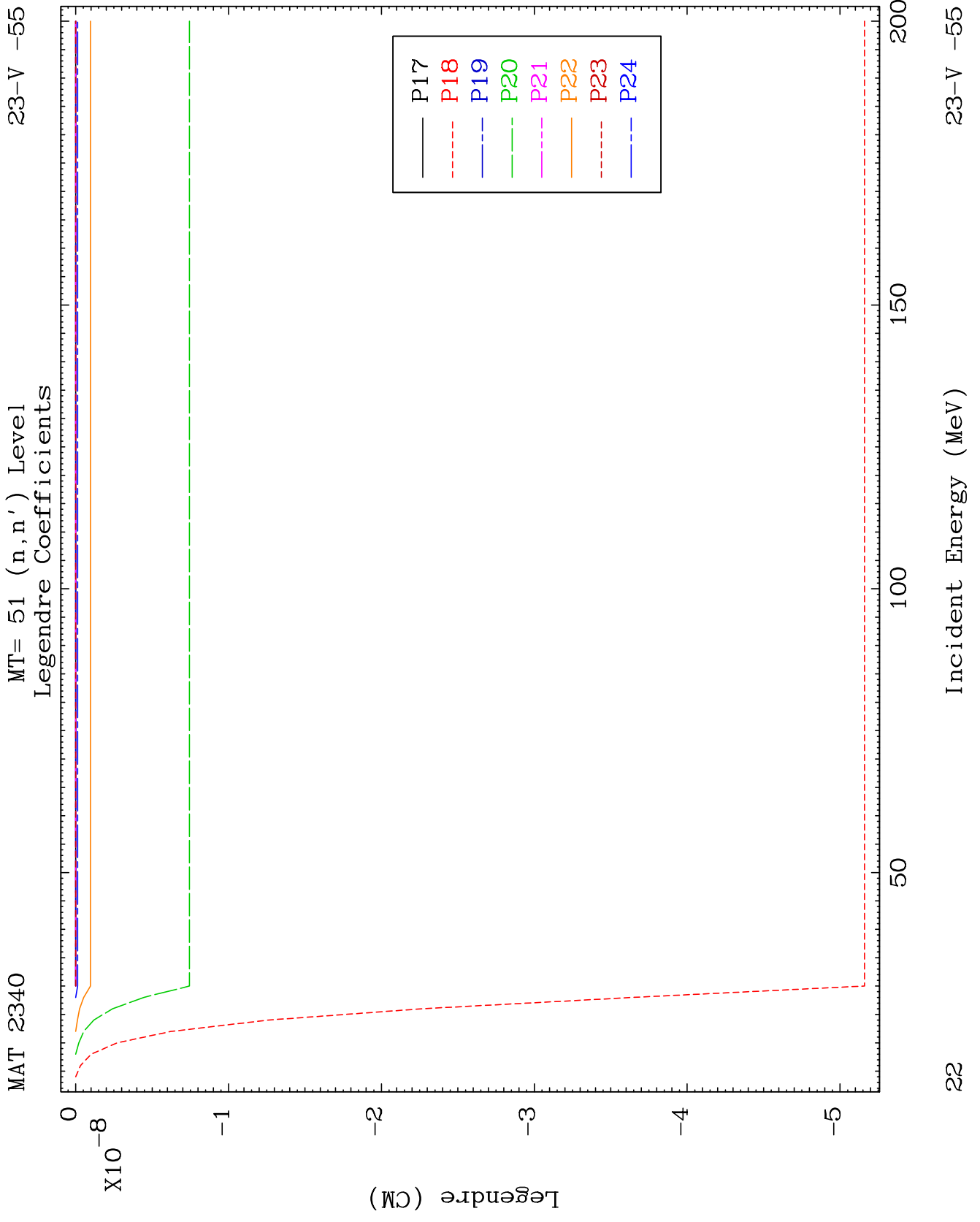
23-V -55

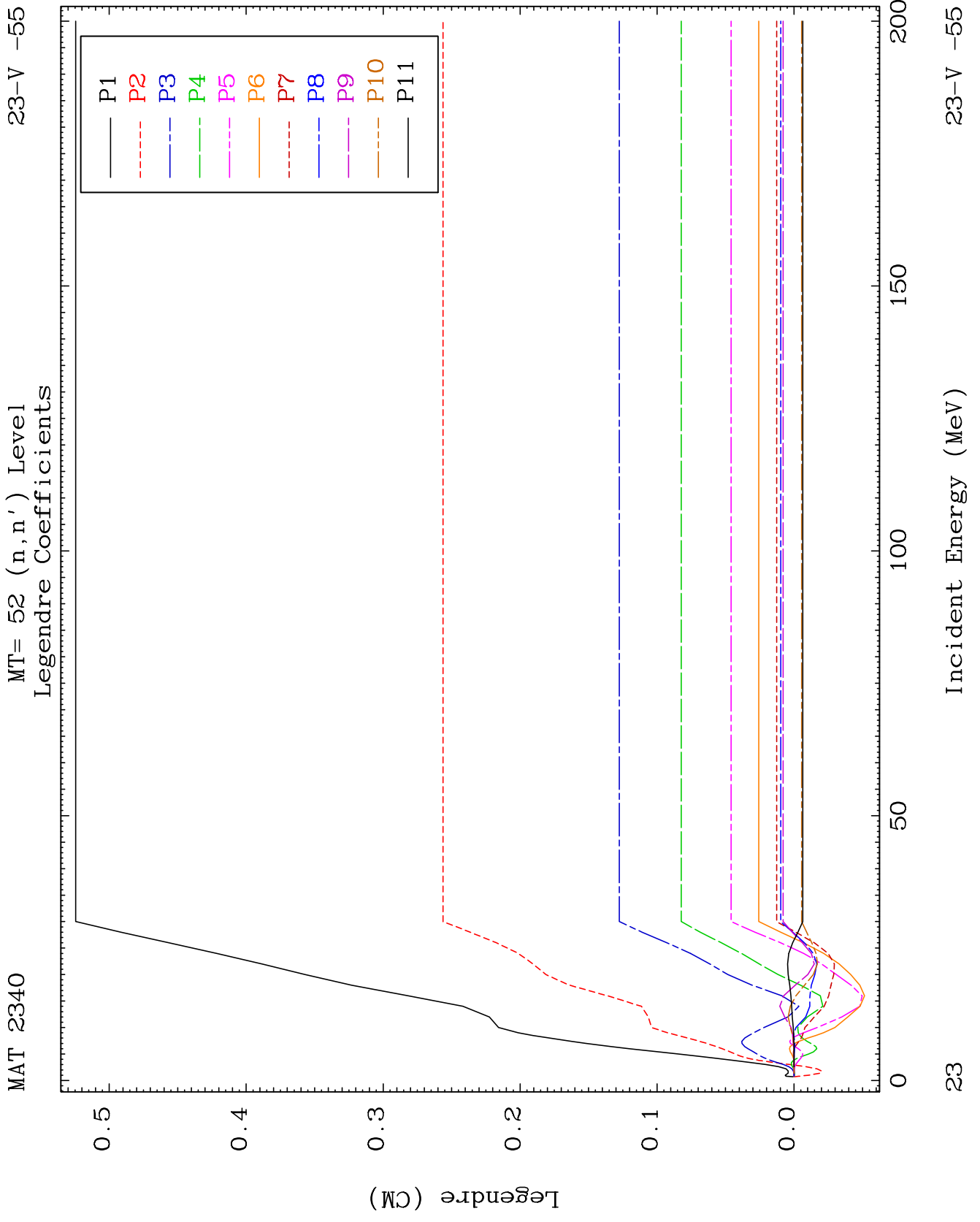


21

Incident Energy (MeV)

23-V -55

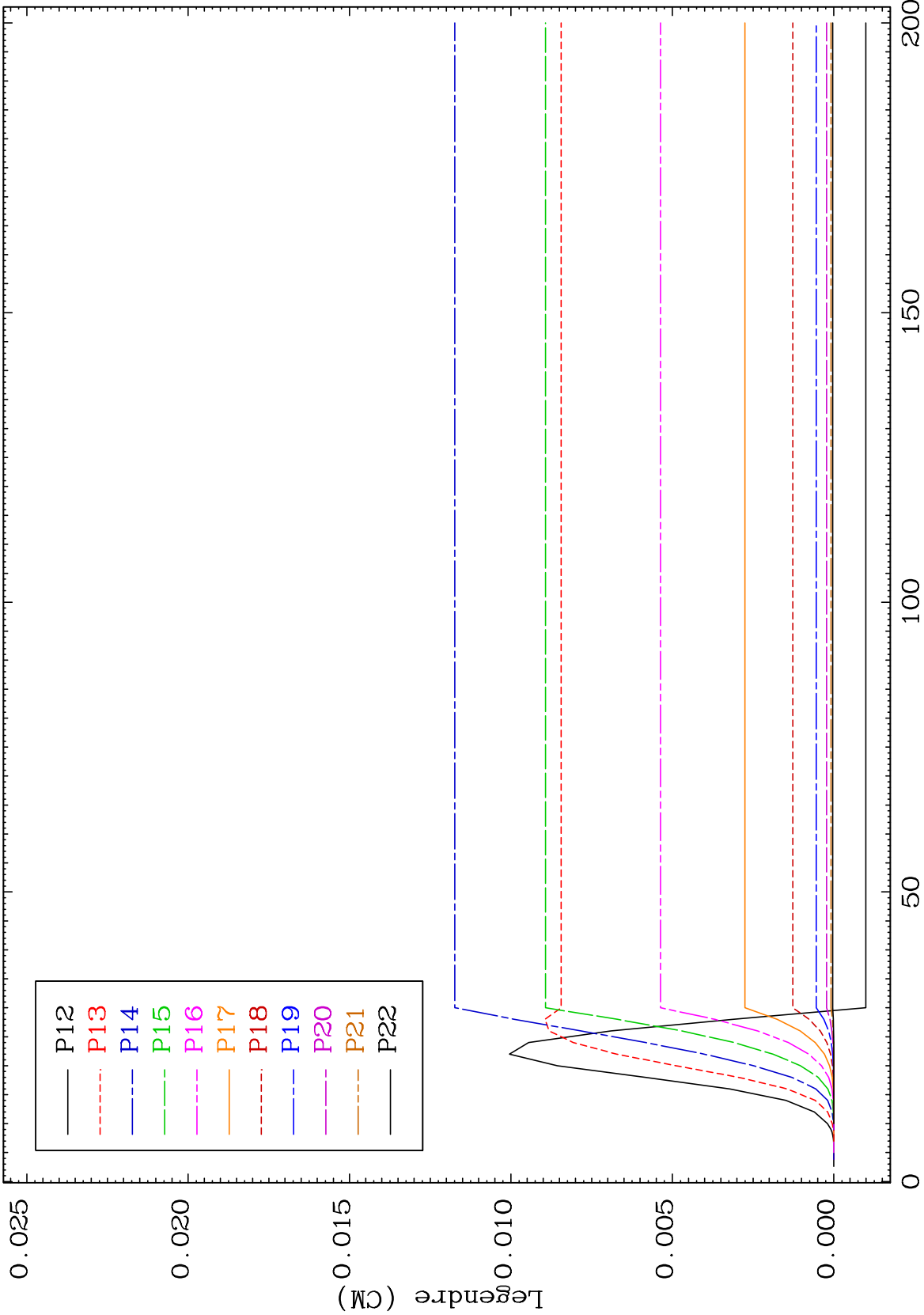




MAT 2340

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

23-V -55



24

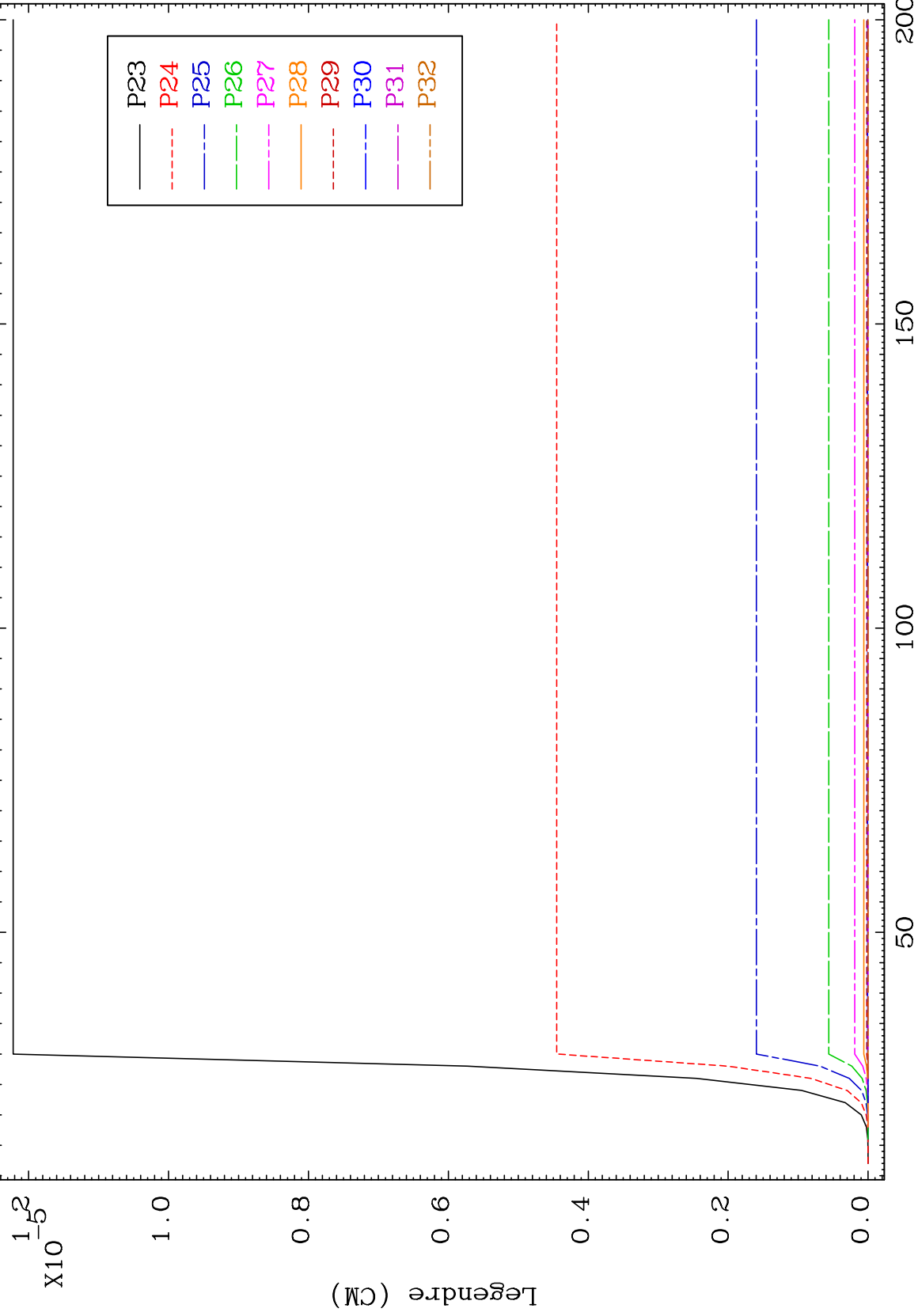
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



25

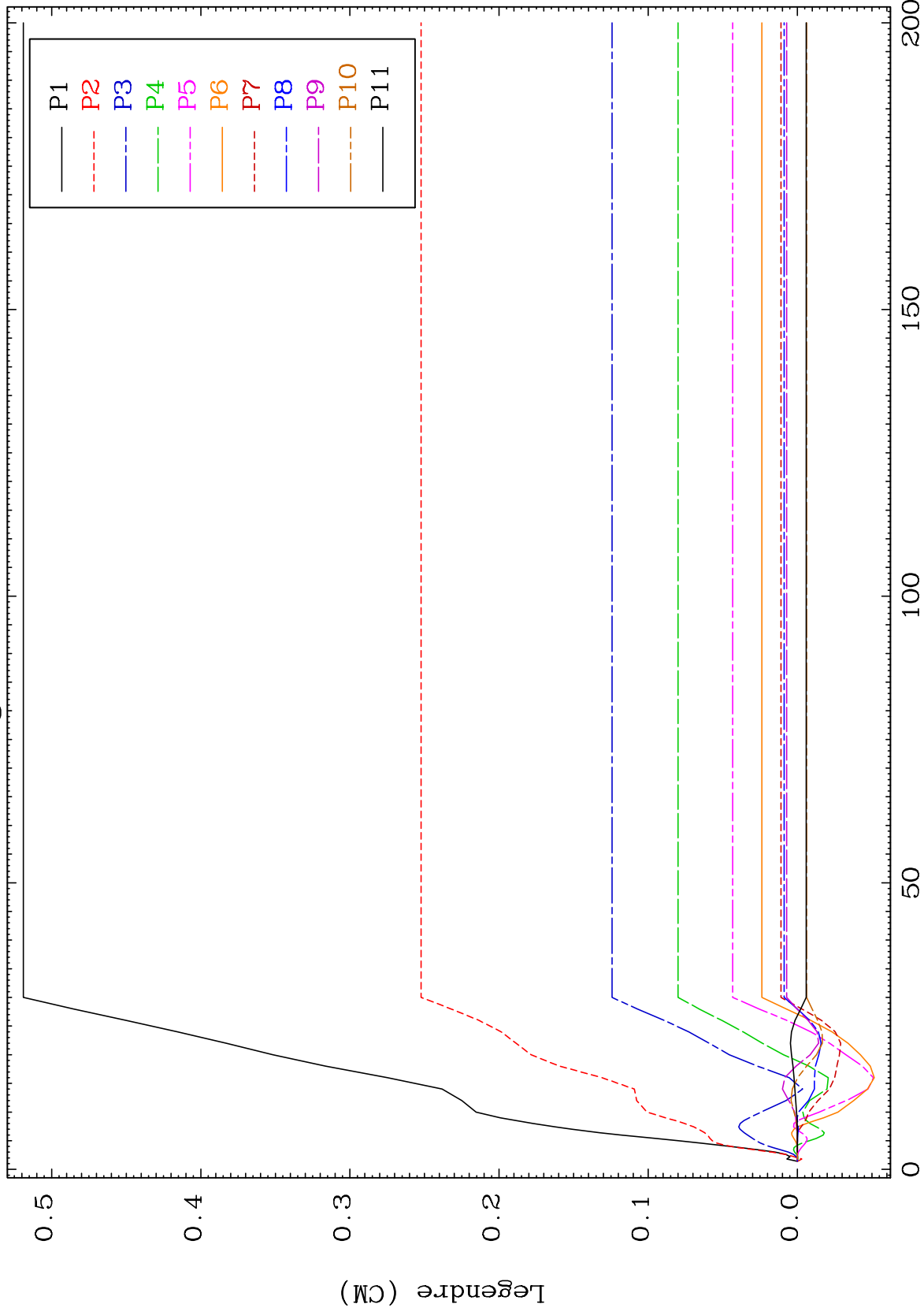
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



26

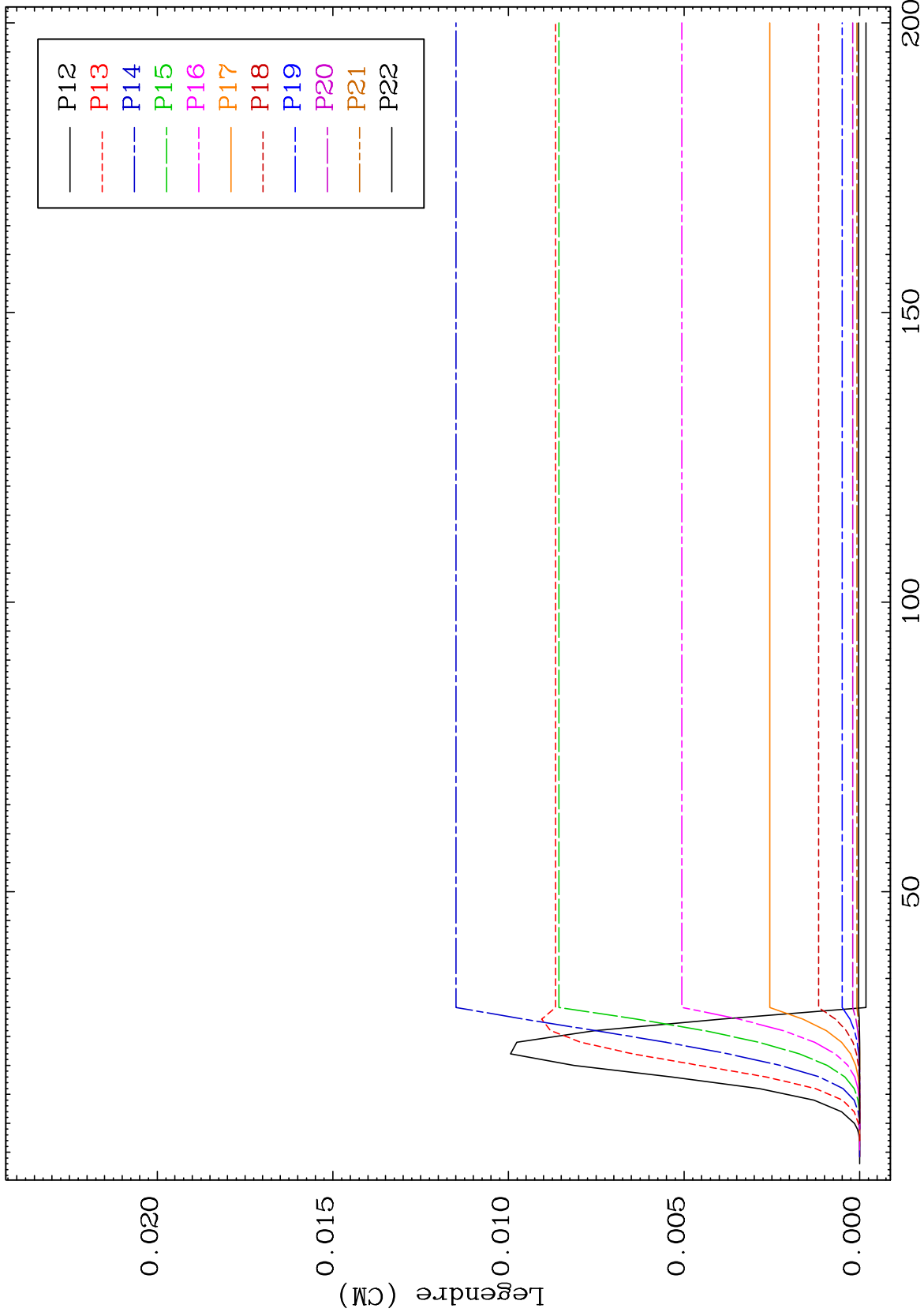
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



27

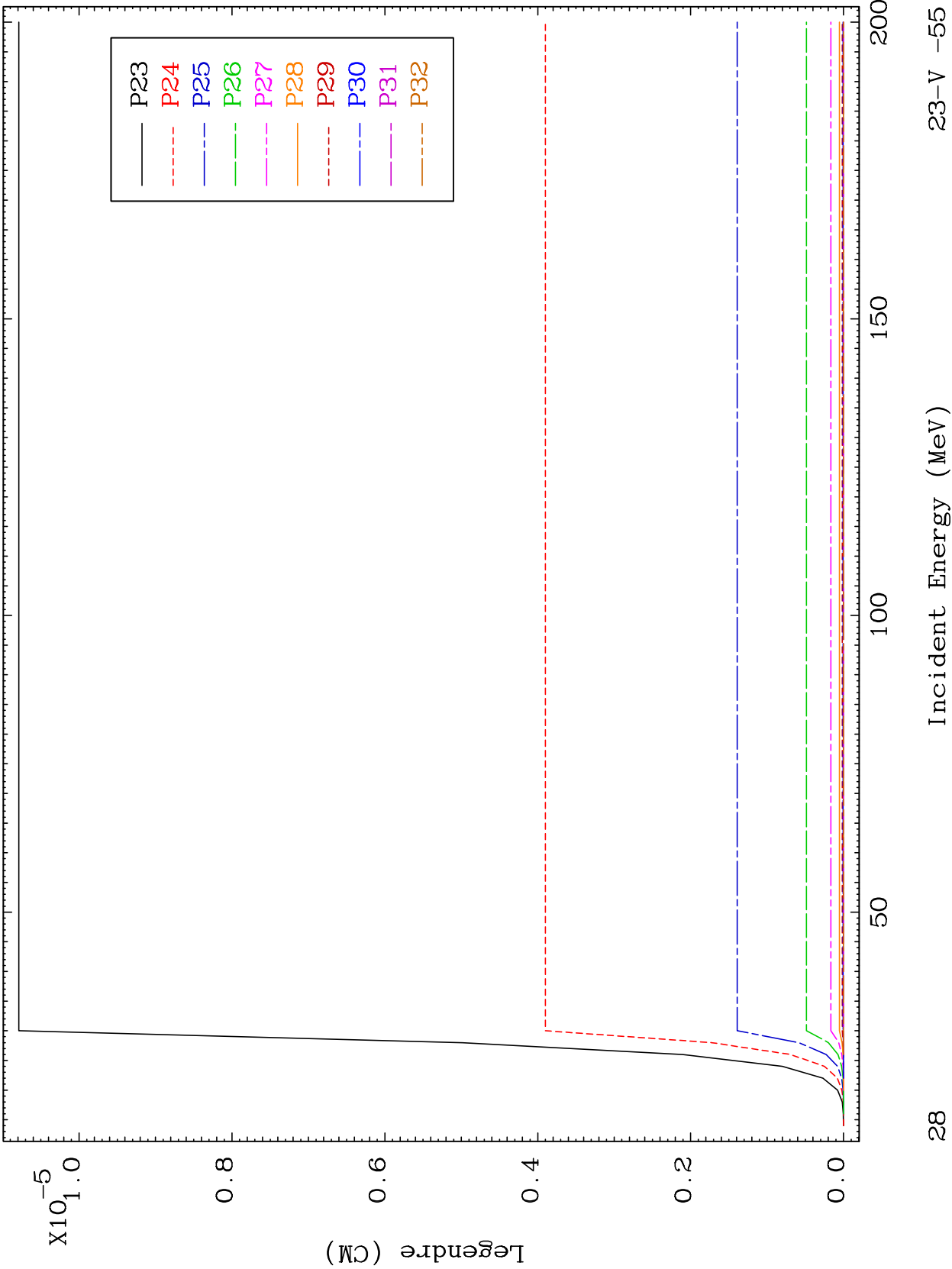
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



28

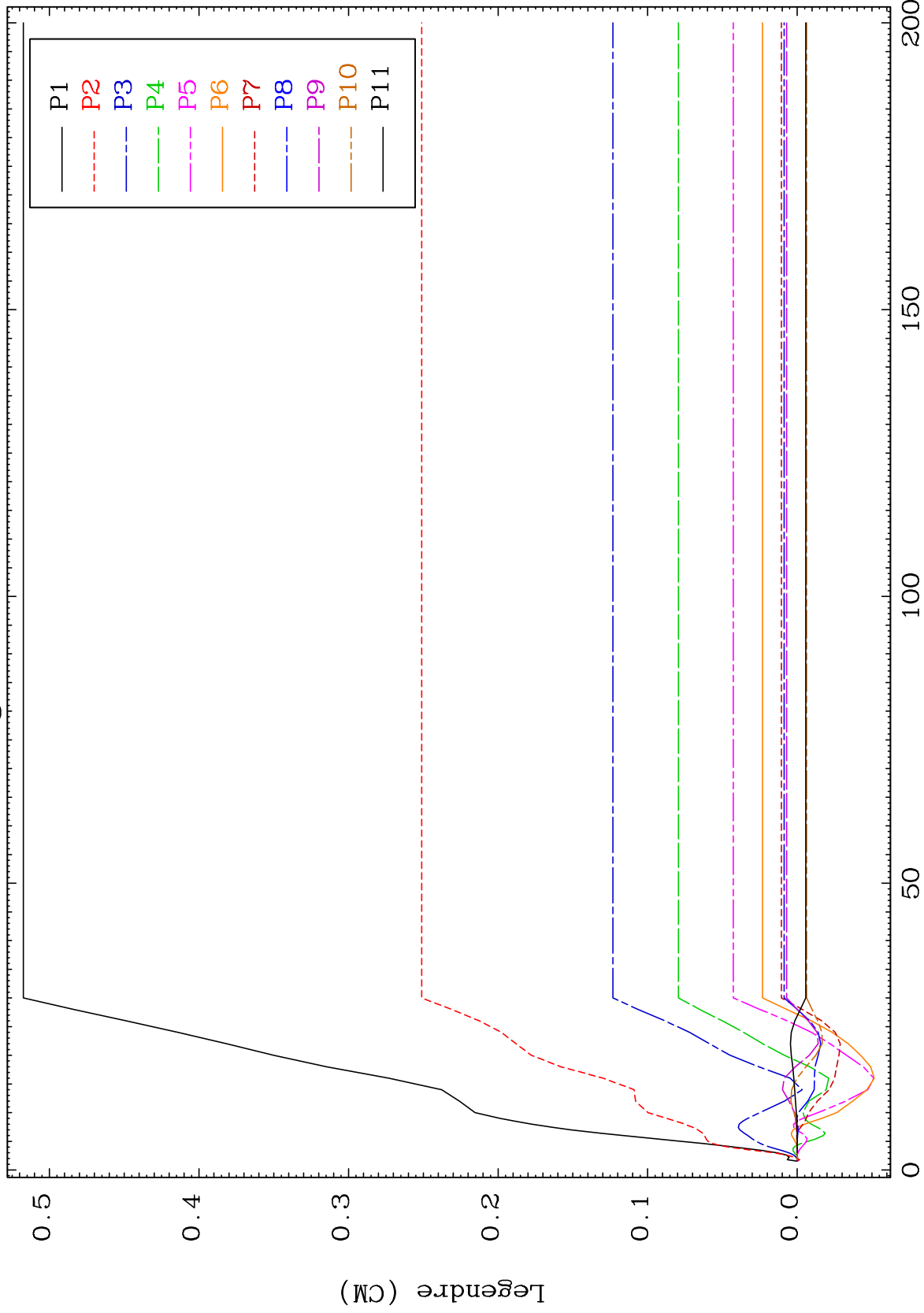
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



29

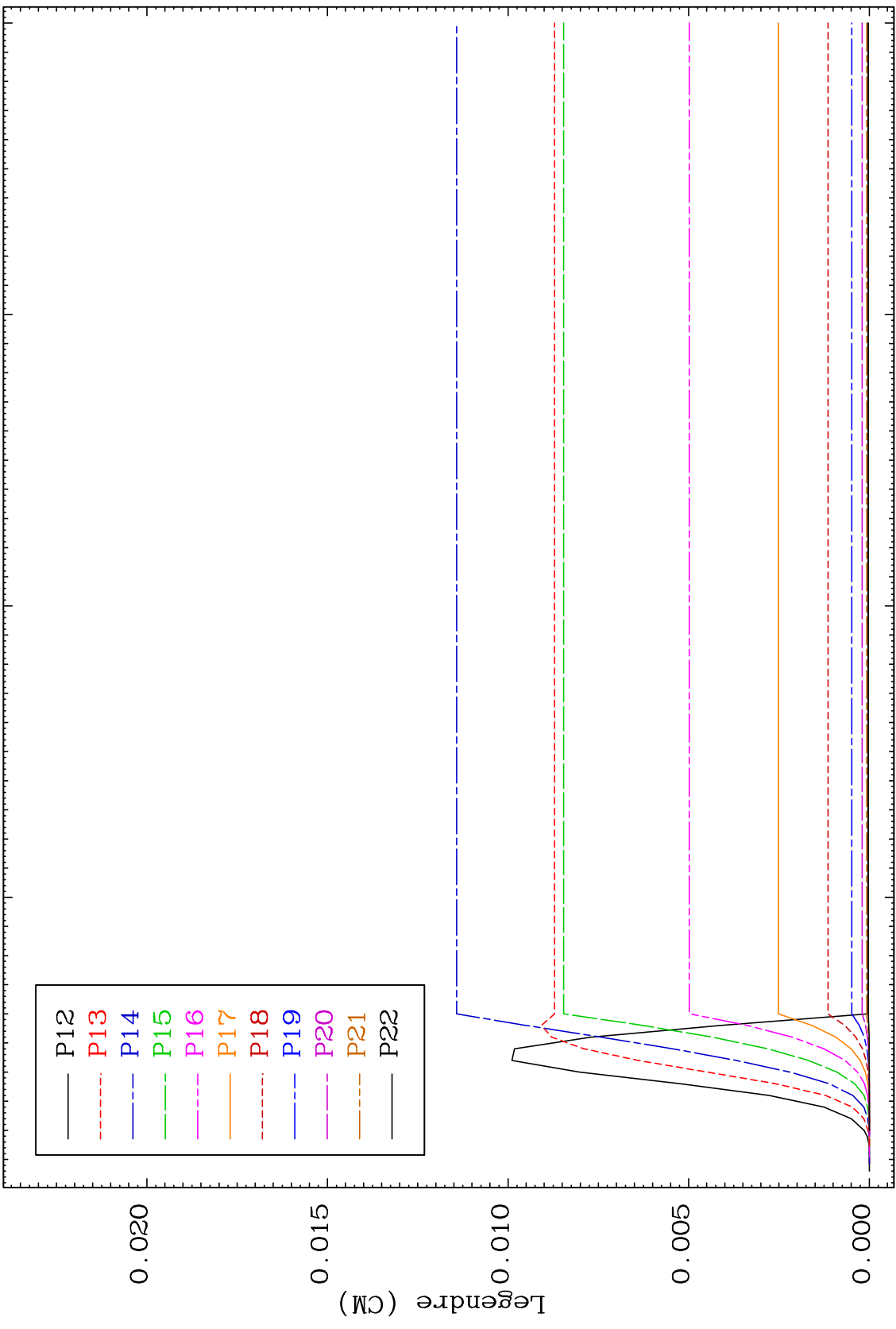
Incident Energy (MeV)

23-V -55

MAT 2340

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

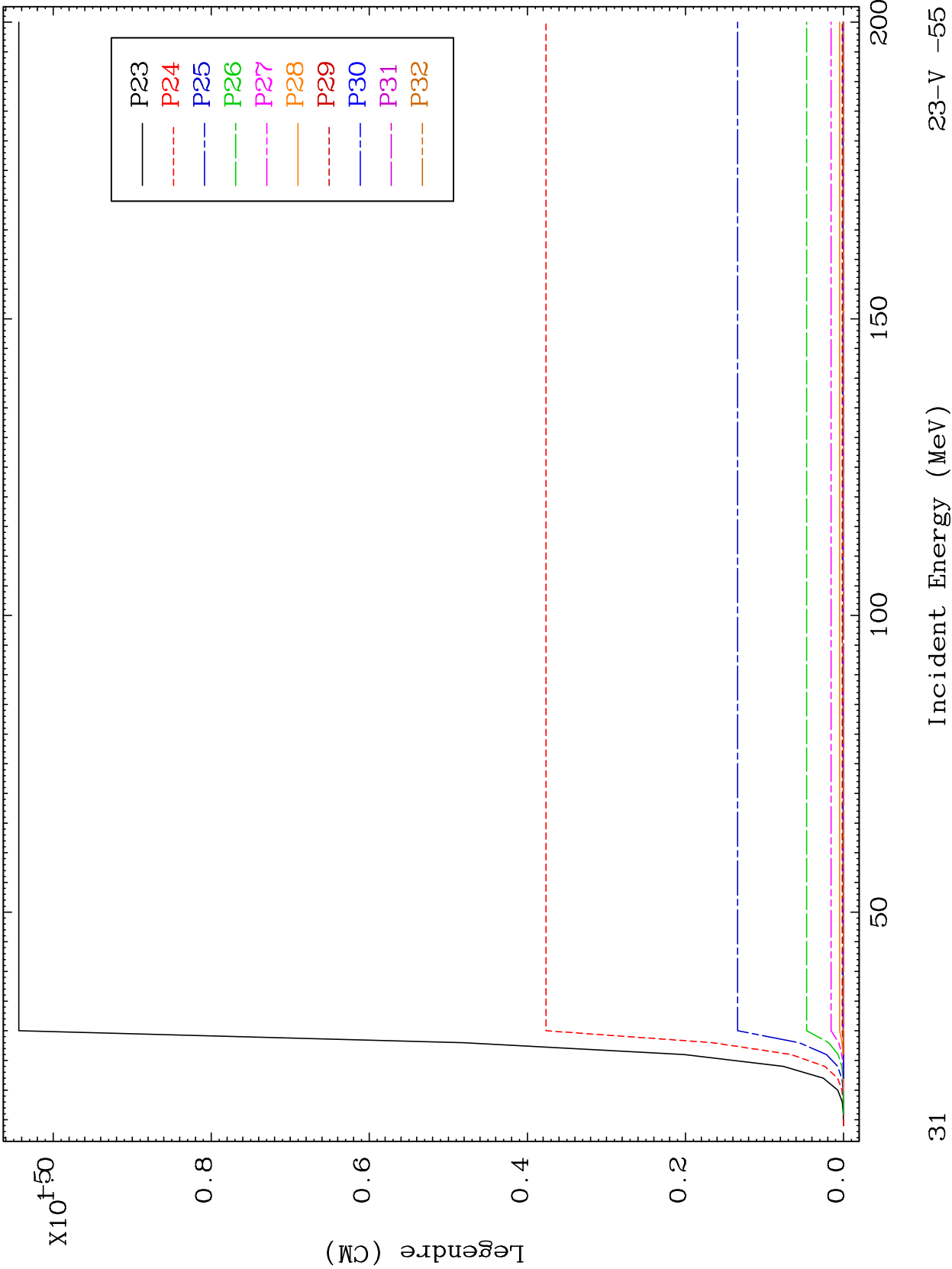
23-V -55

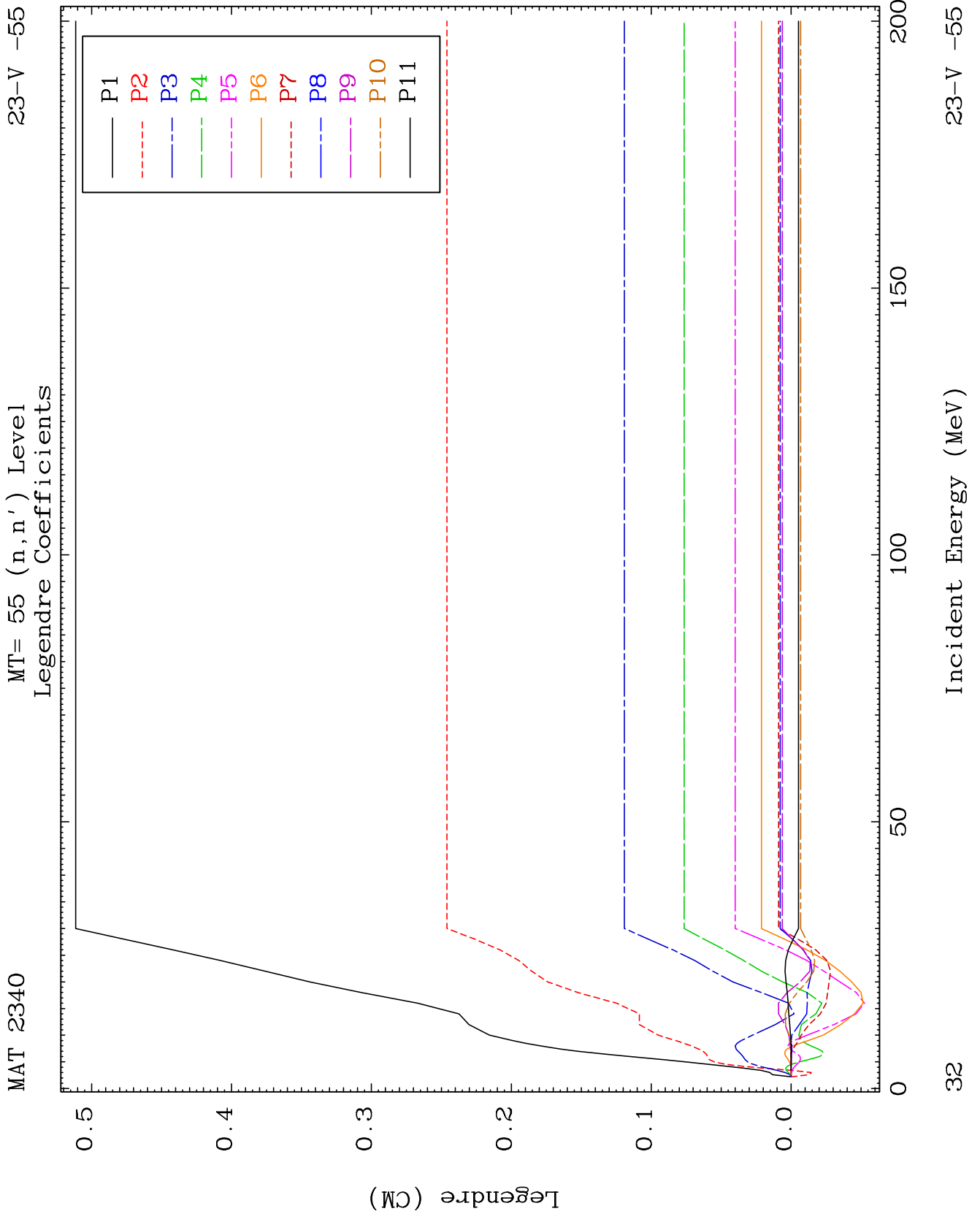


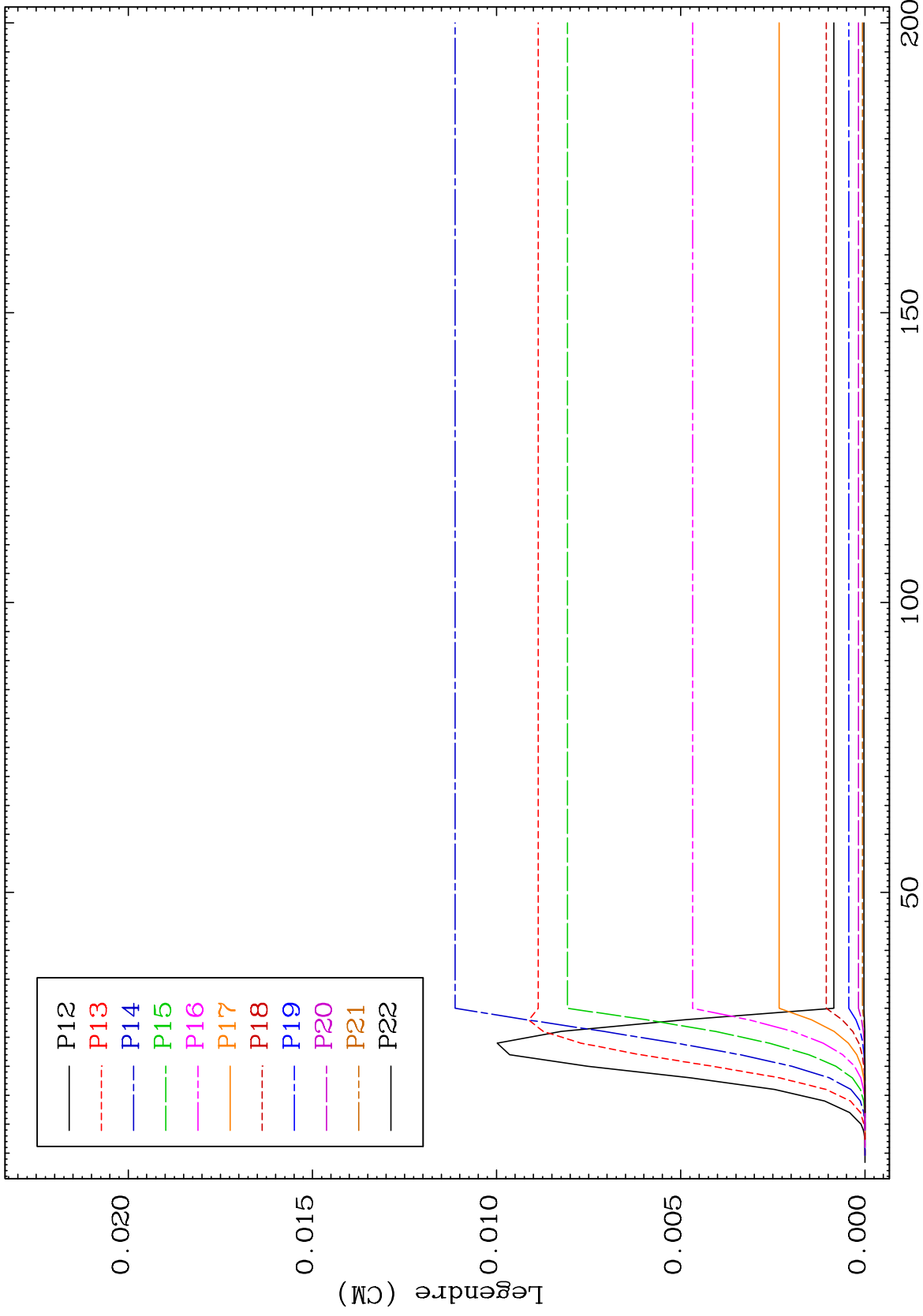
30

Incident Energy (MeV)

23-V -55



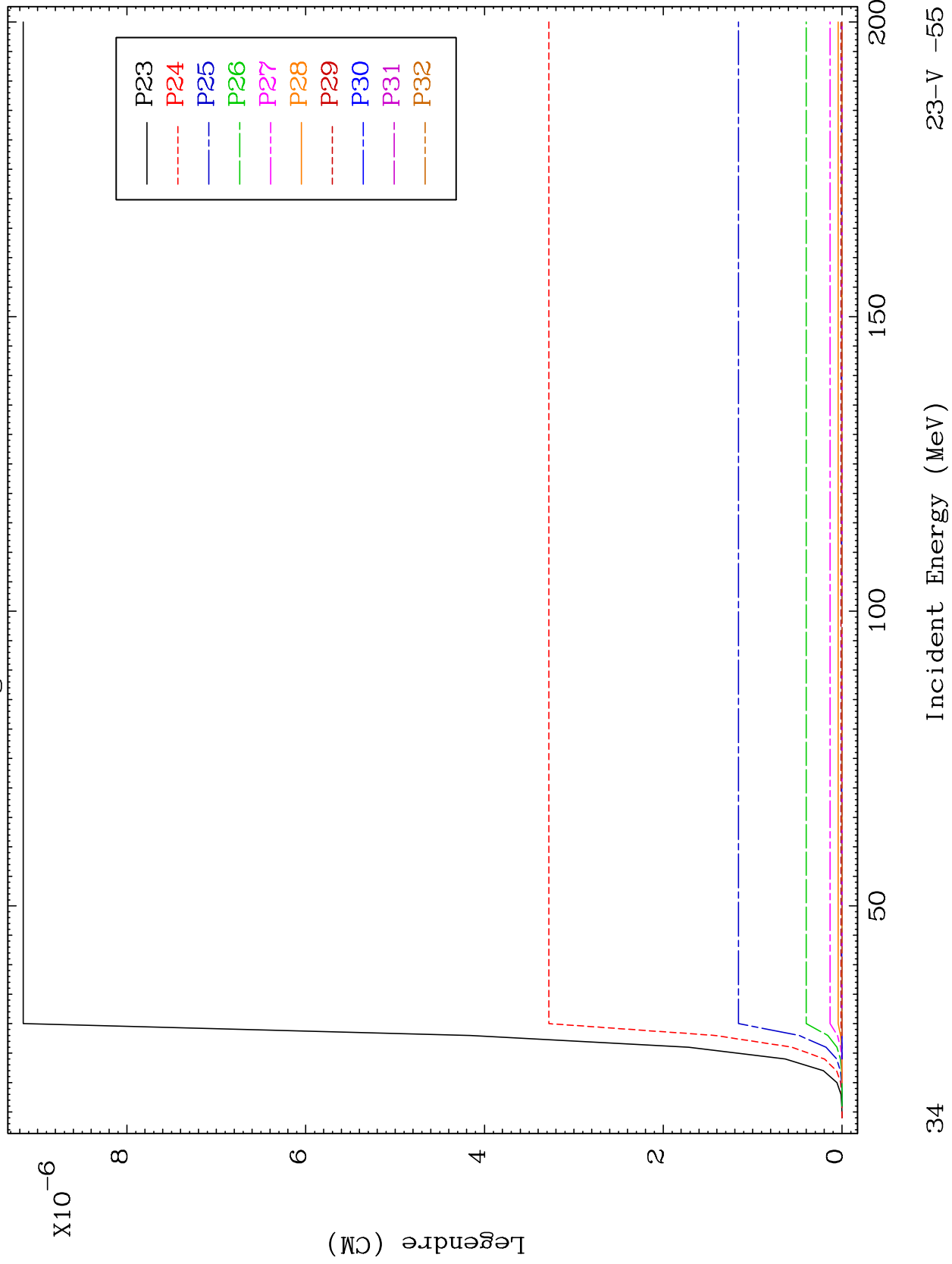


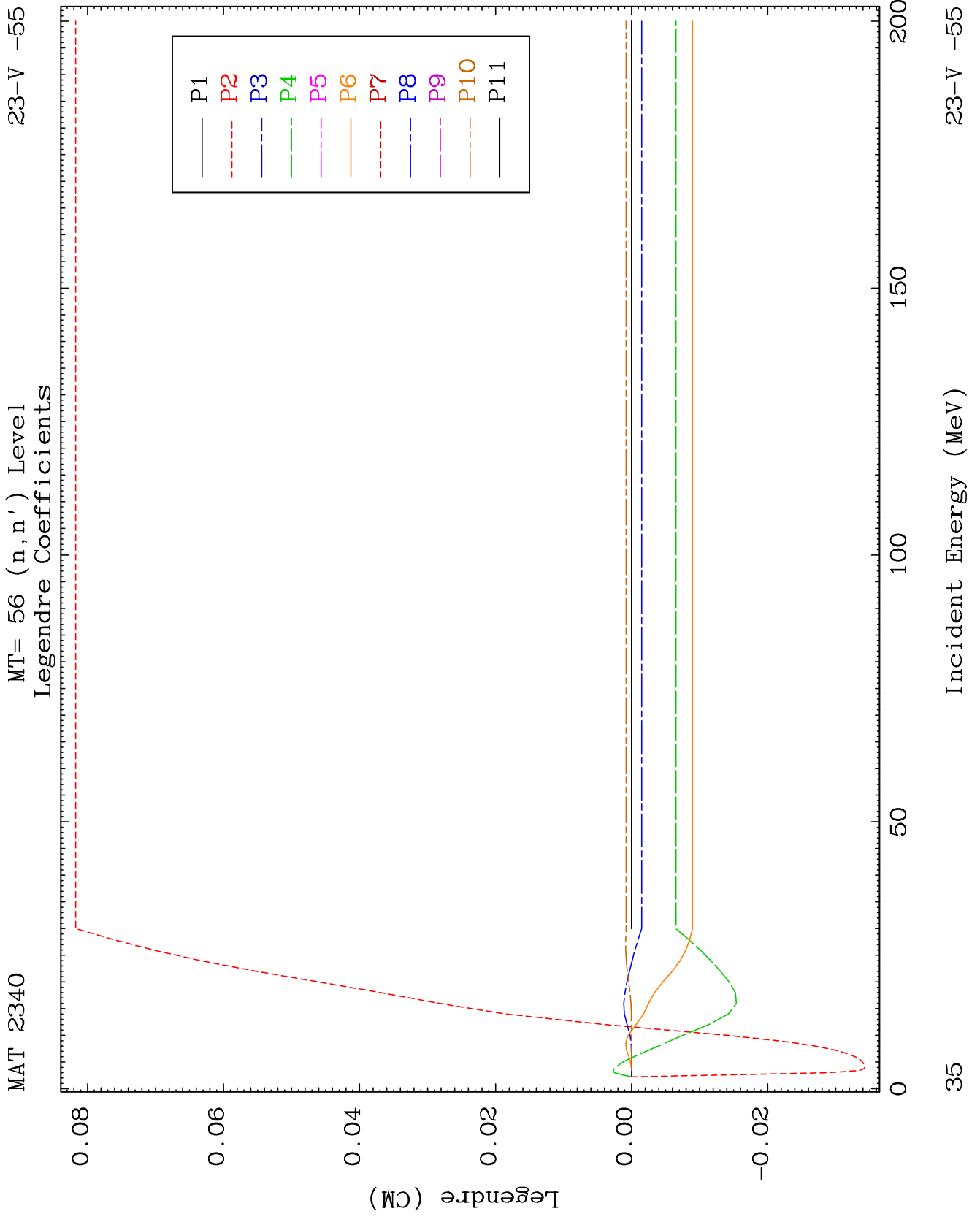


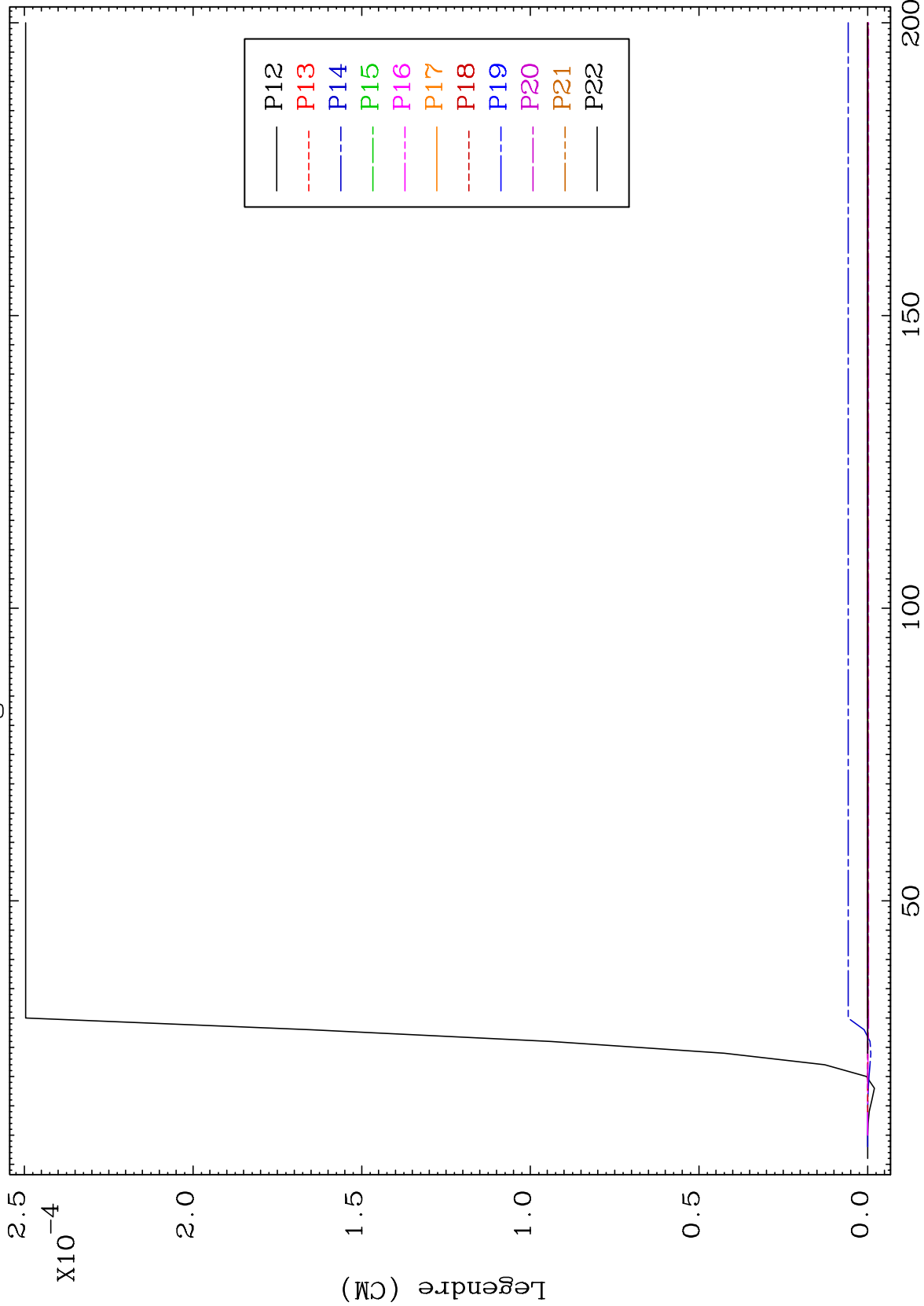
MAT 2340

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

23-V -55



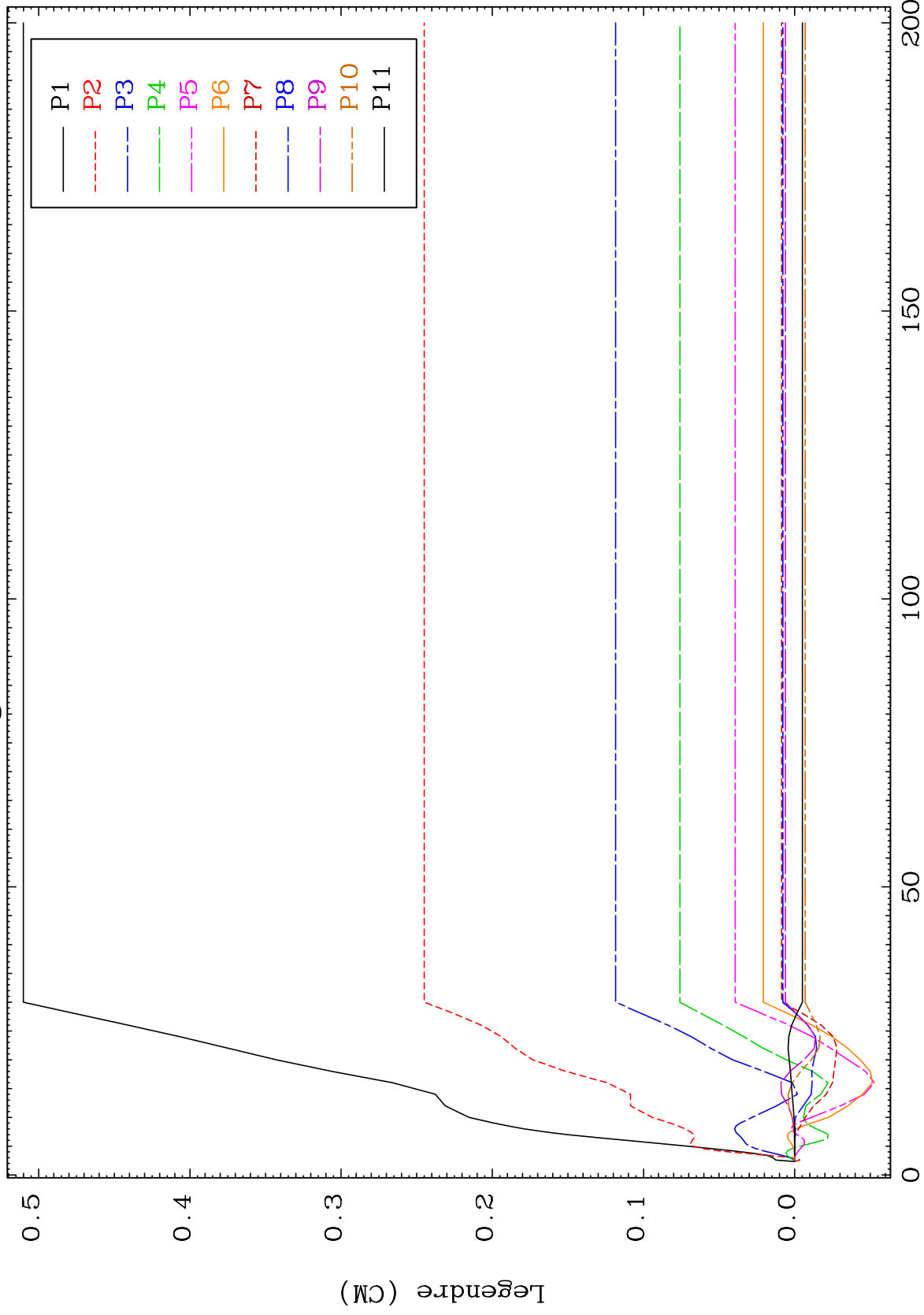




MAT 2340

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

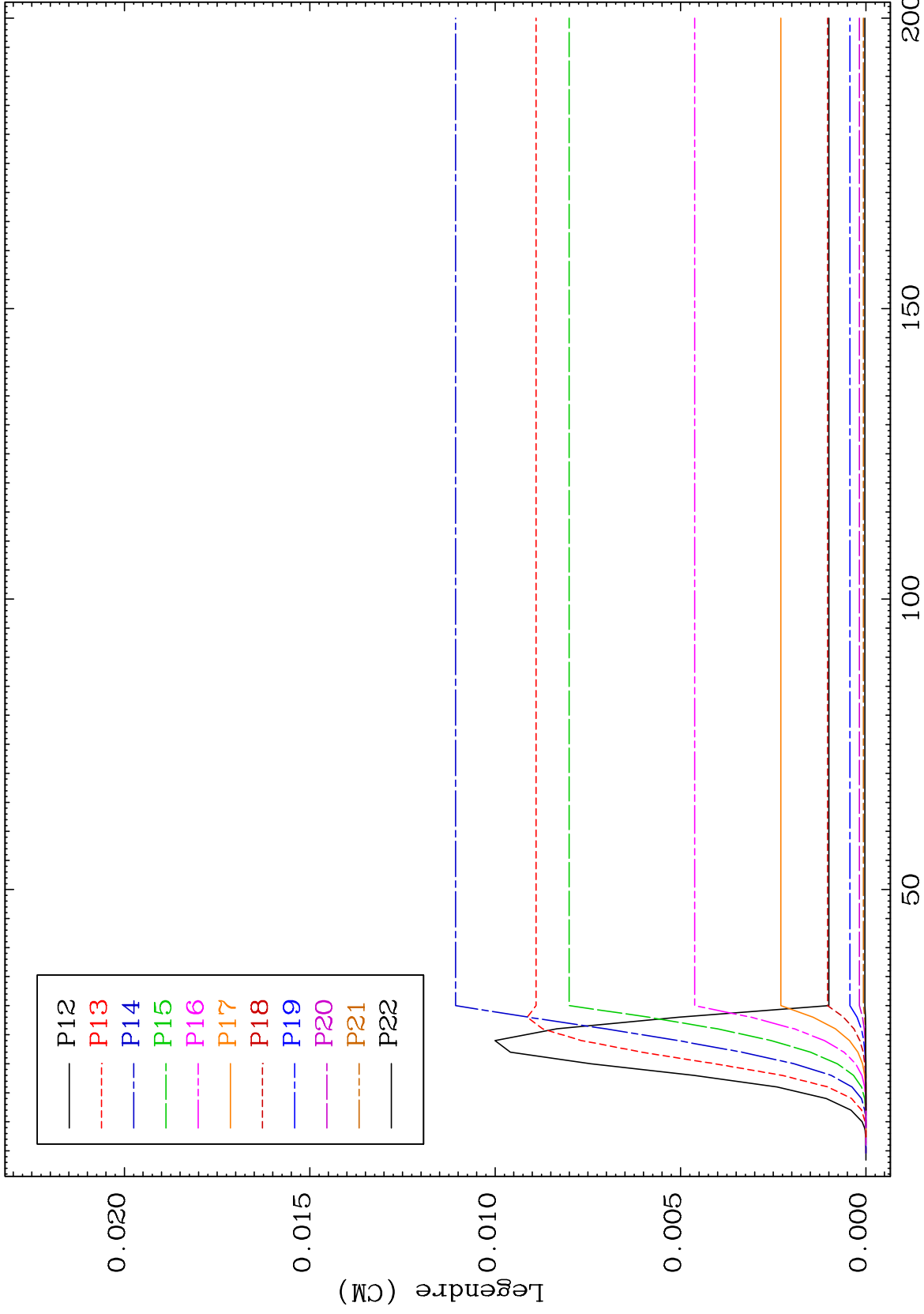
23-V -55



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Incident Energy (MeV)

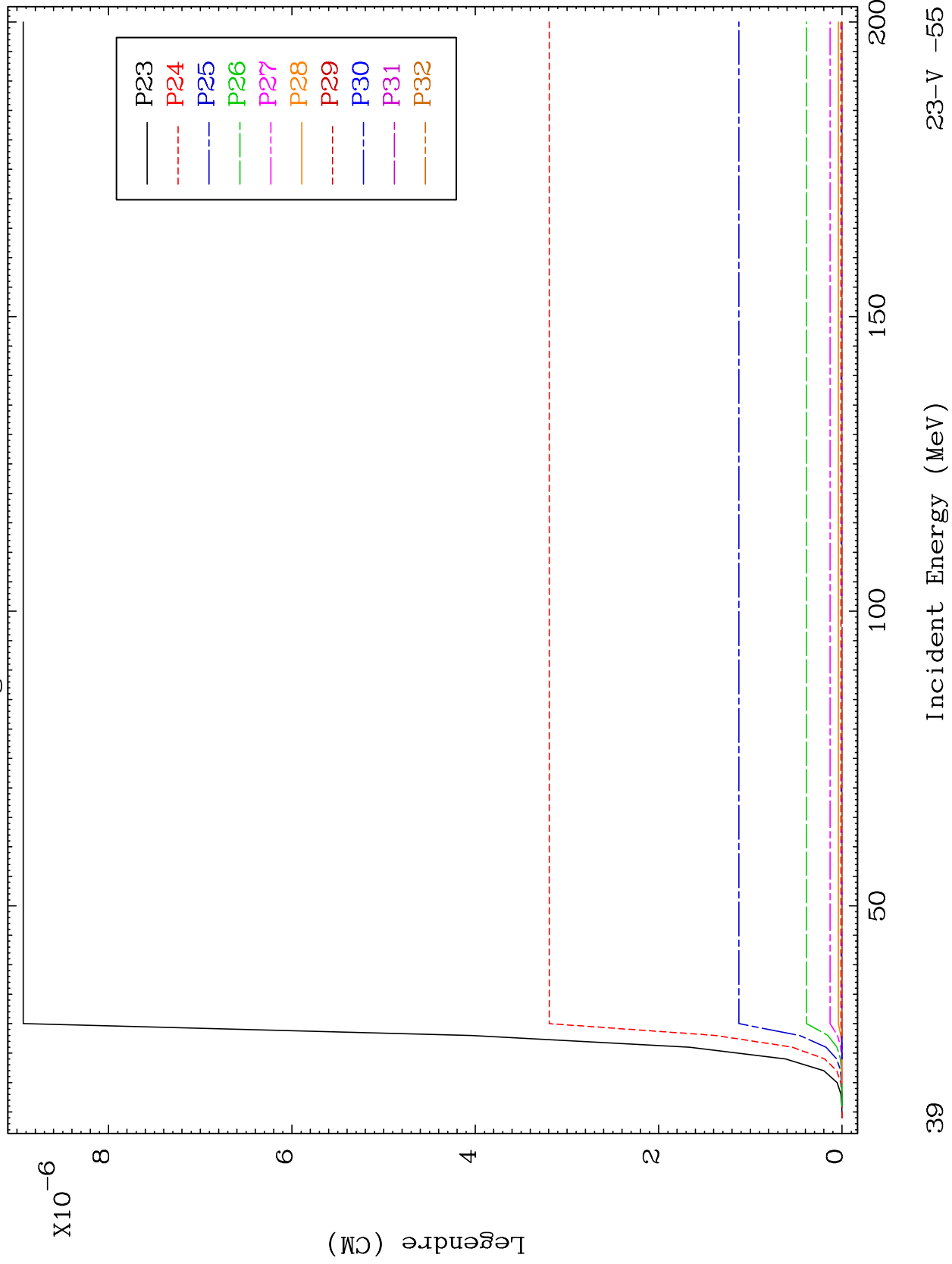
23-V -55

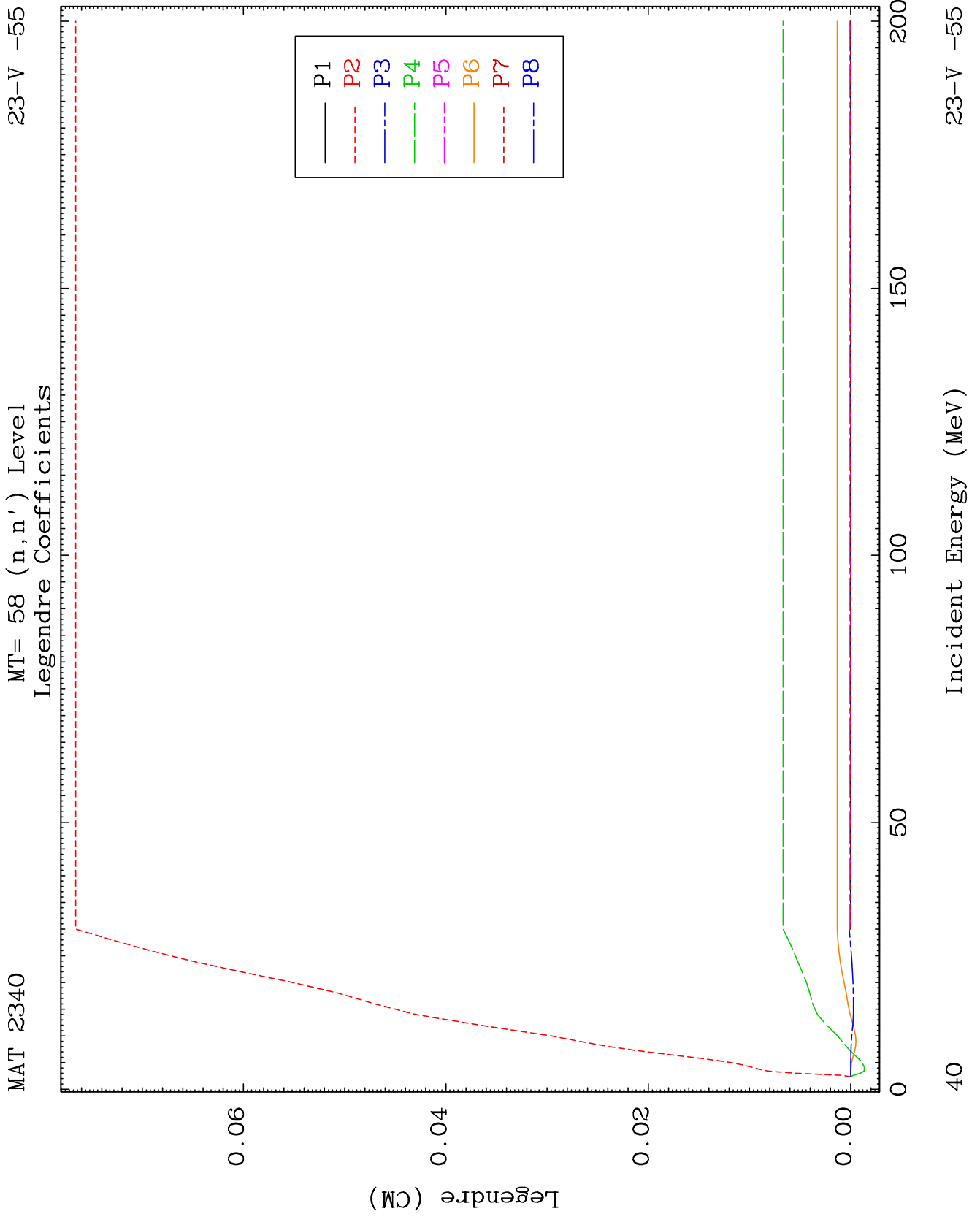


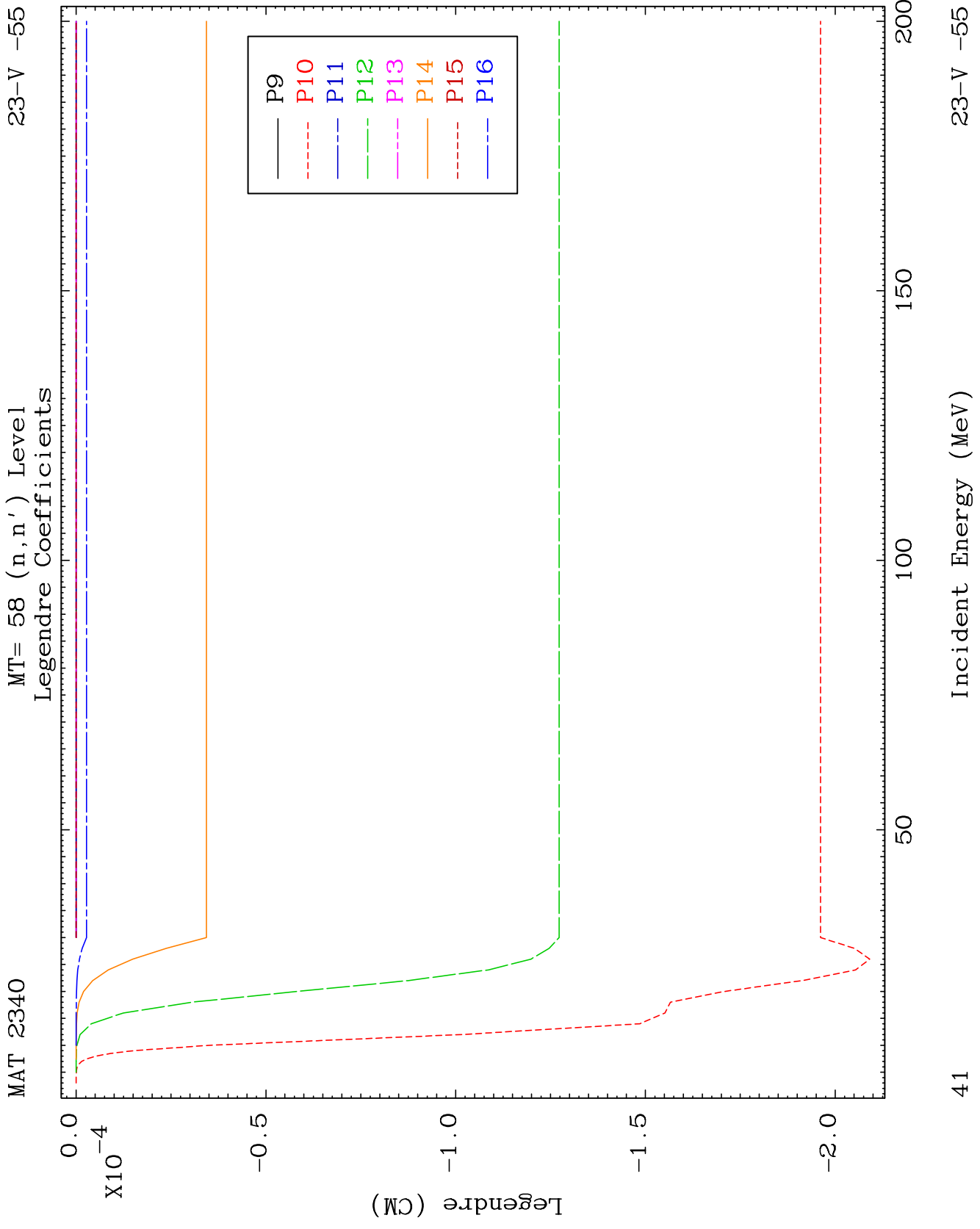
MAT 2340

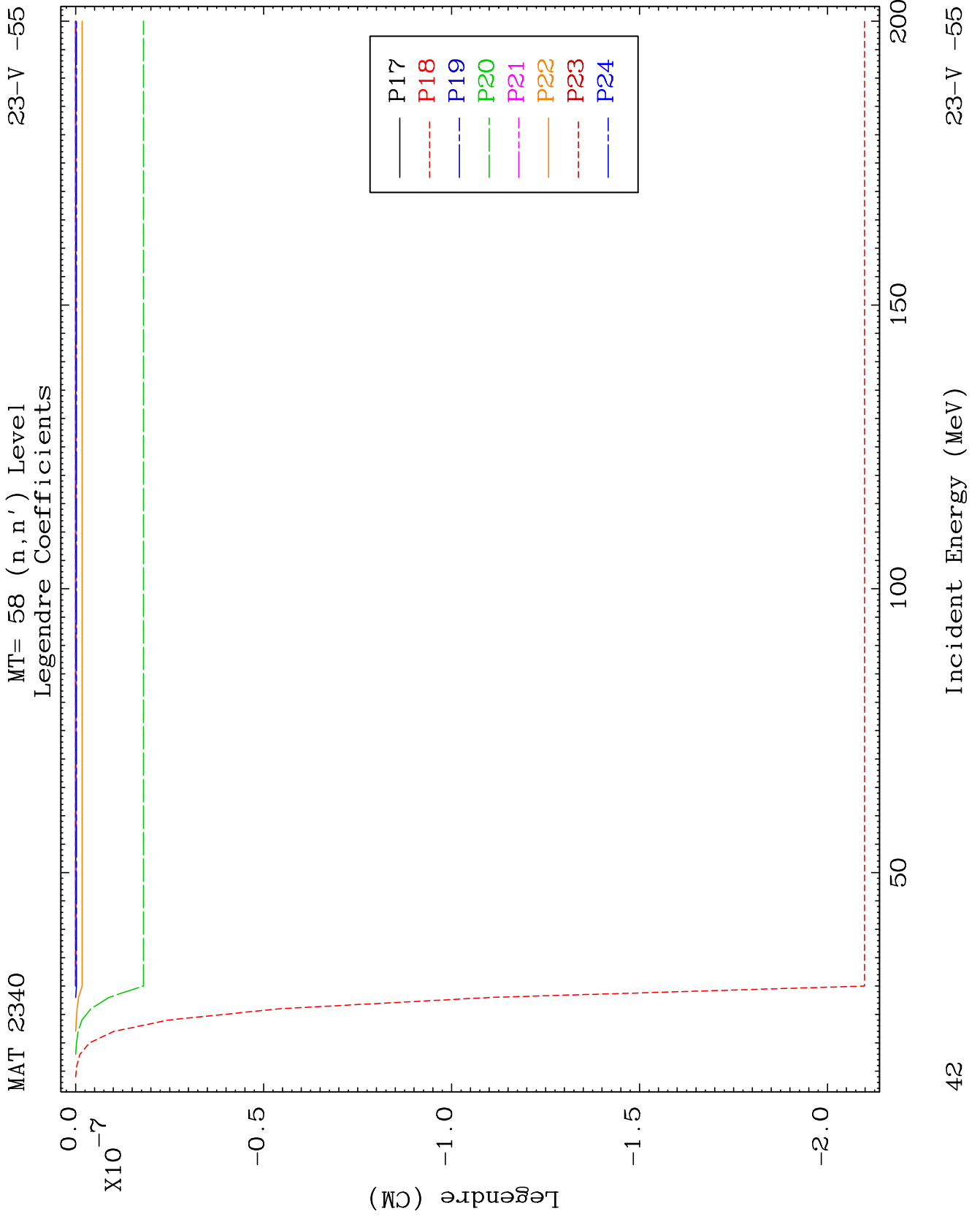
MT= 57 (n,n') Level
Legendre Coefficients

23-V -55





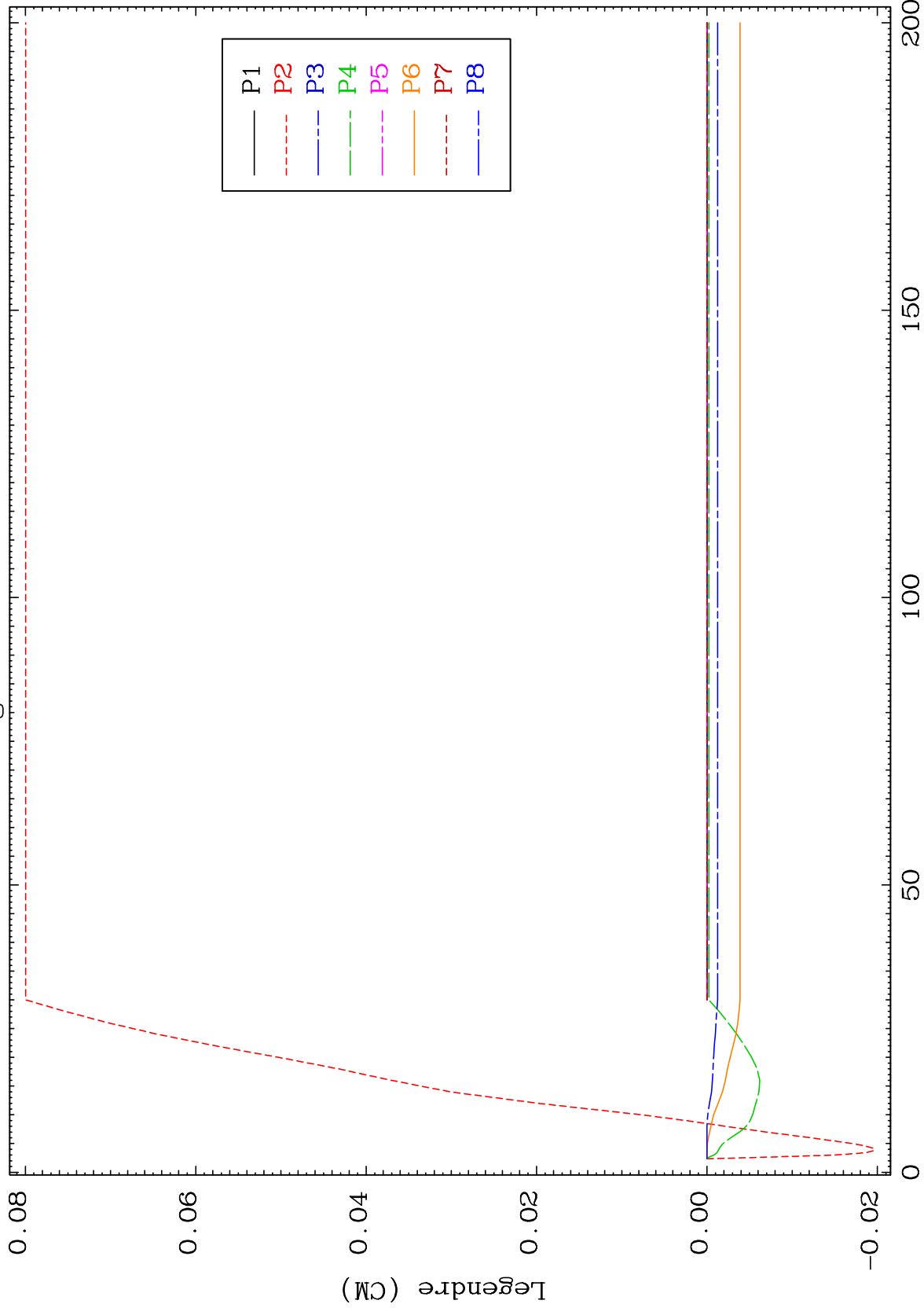




MAT 2340

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

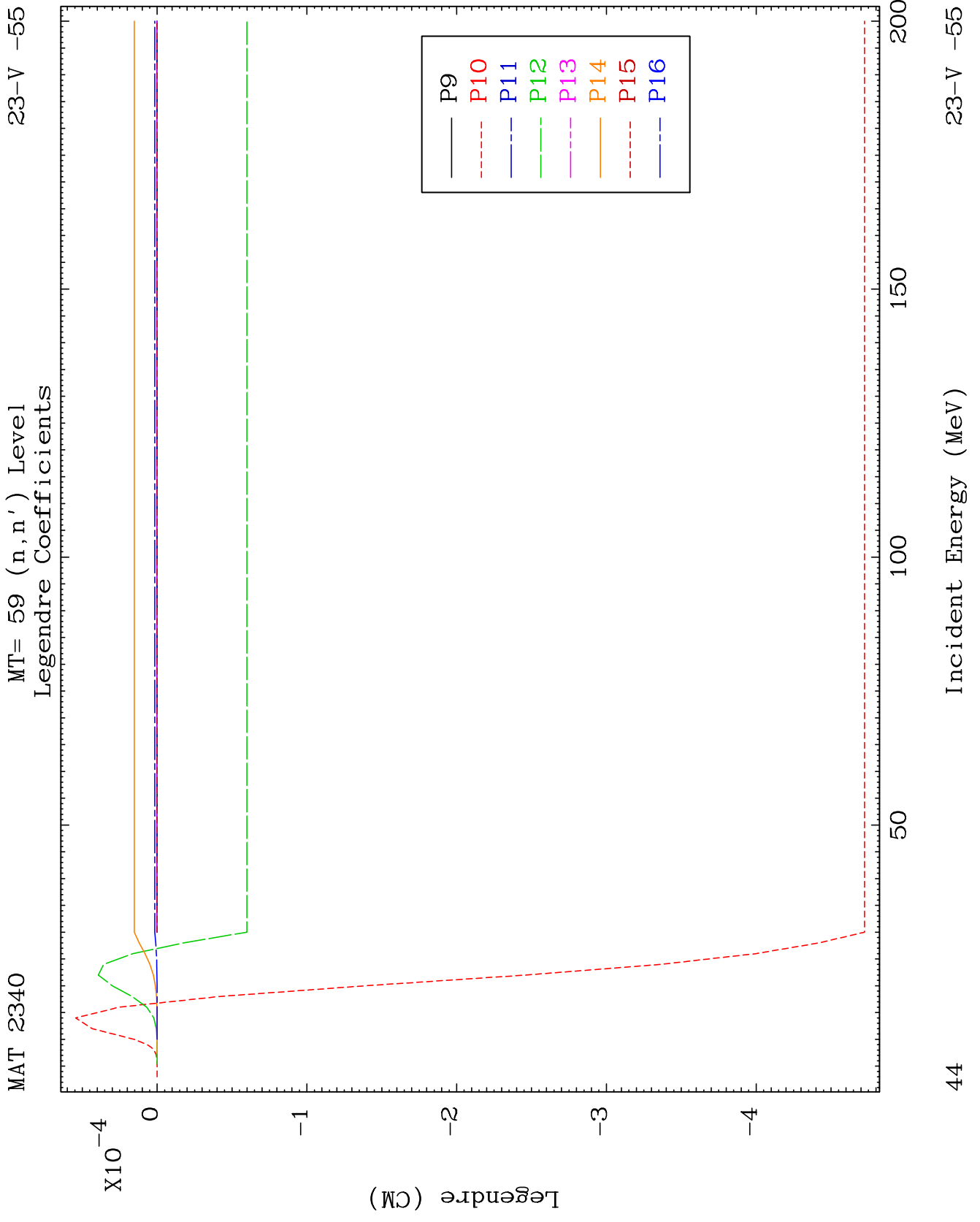
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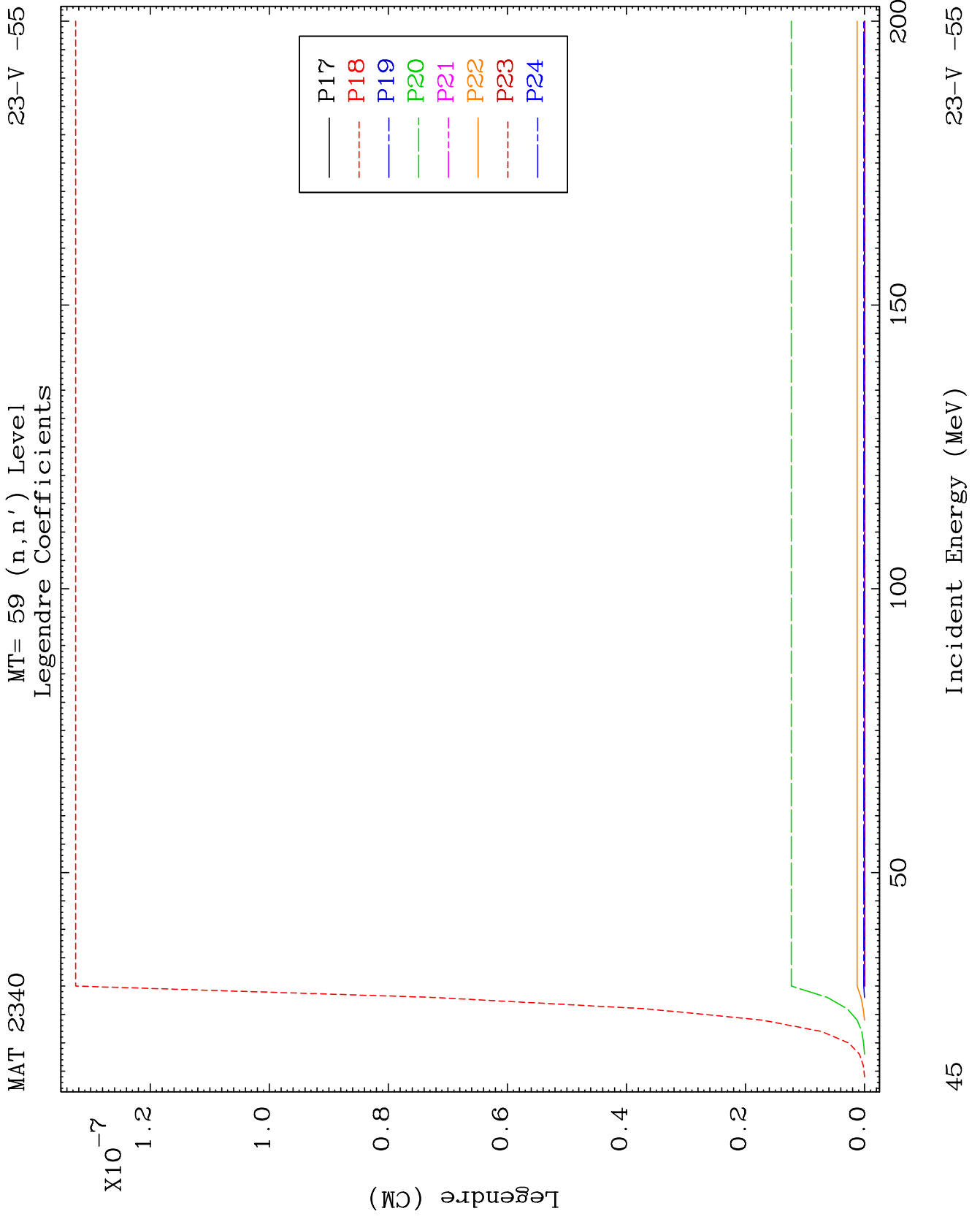


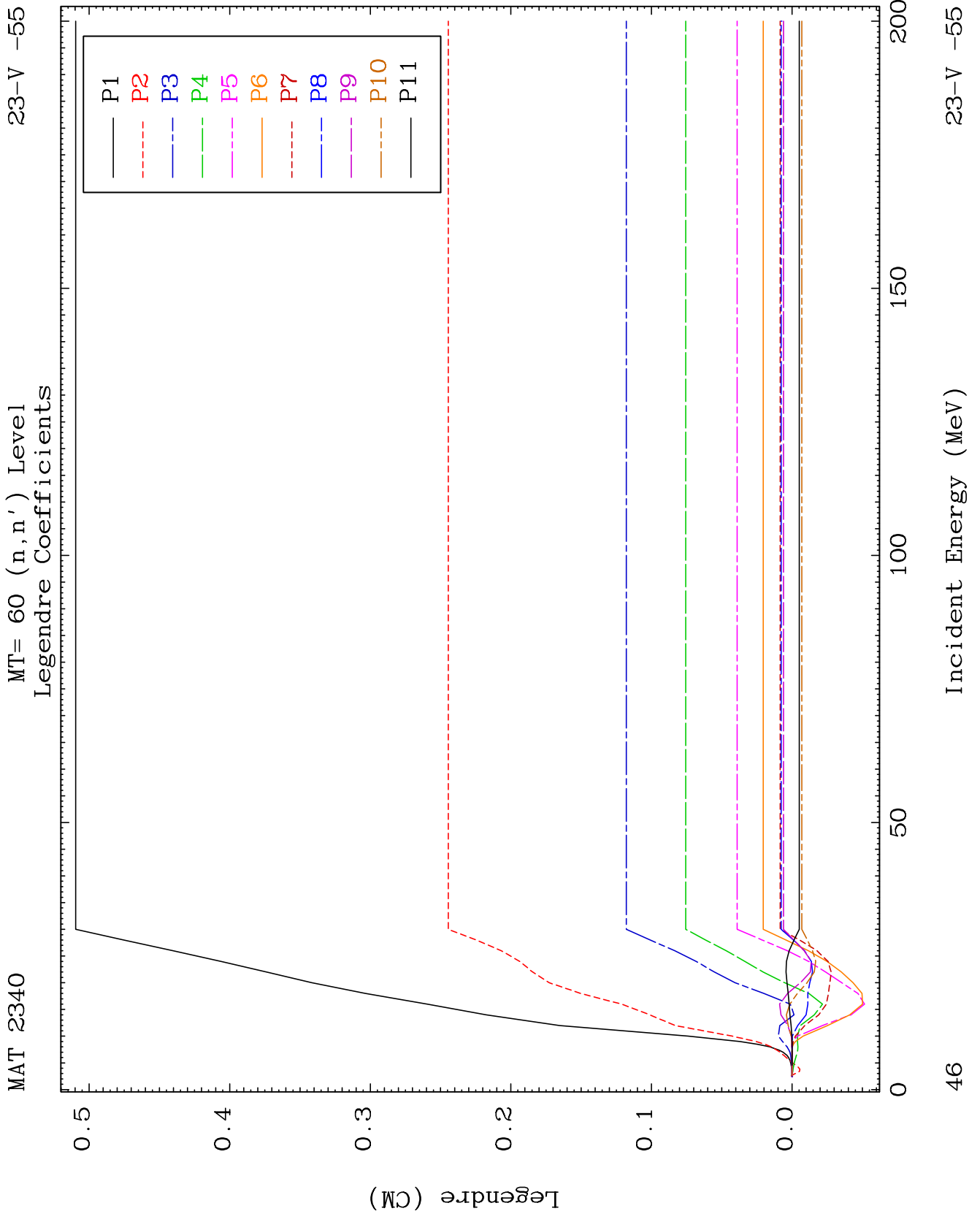
43

Incident Energy (MeV)

23-V -55



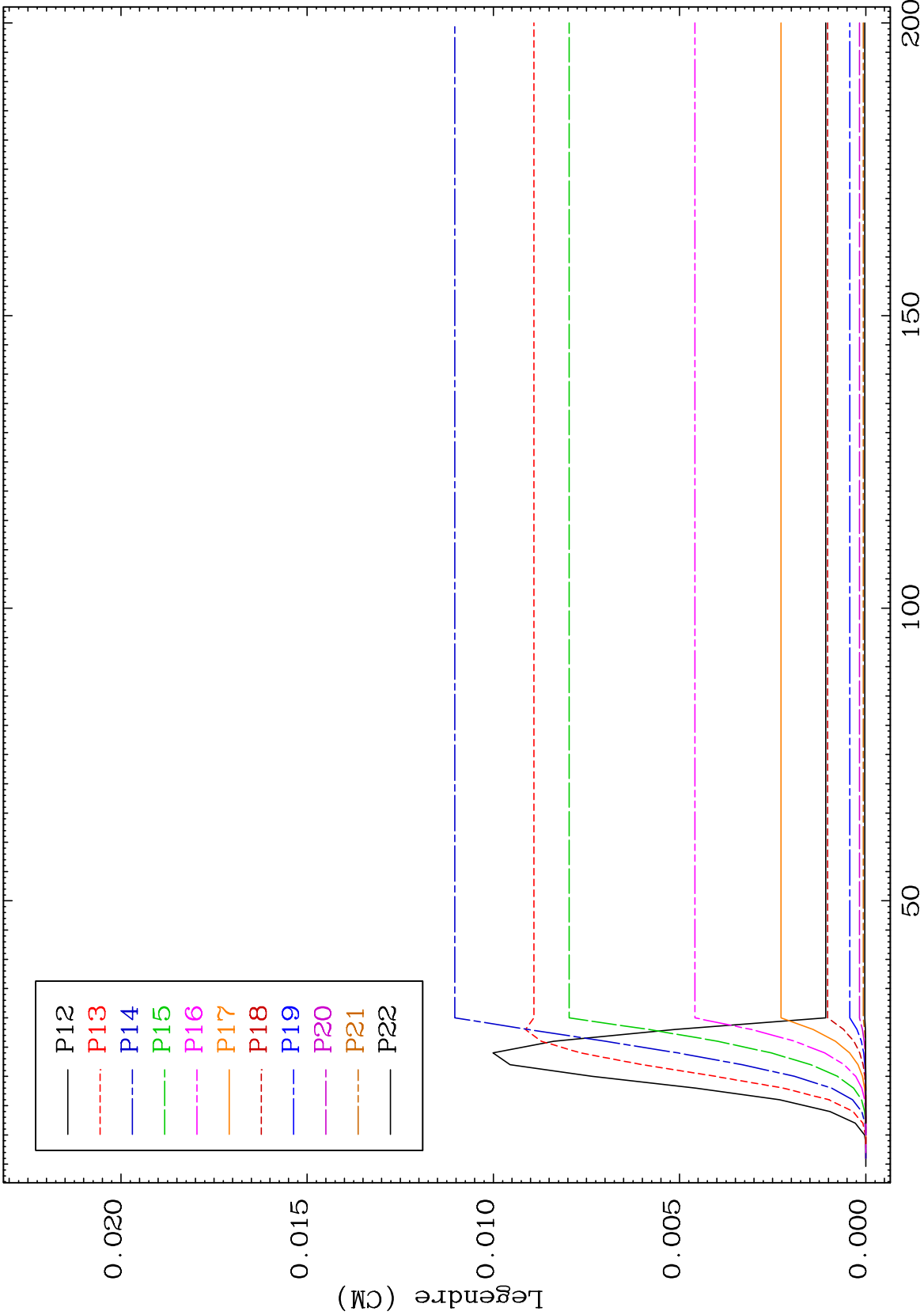




MAT 2340

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

23-V -55



47

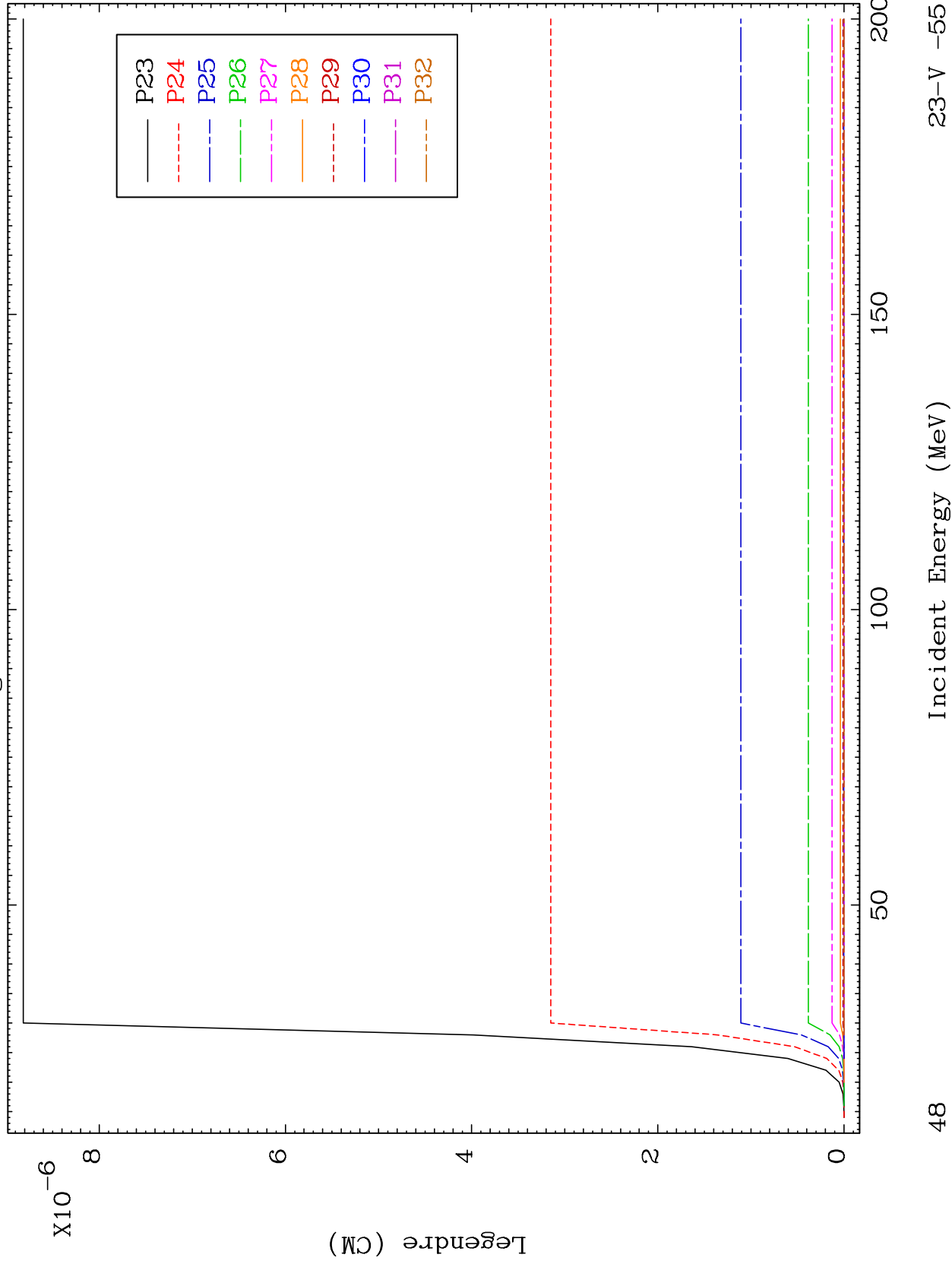
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



48

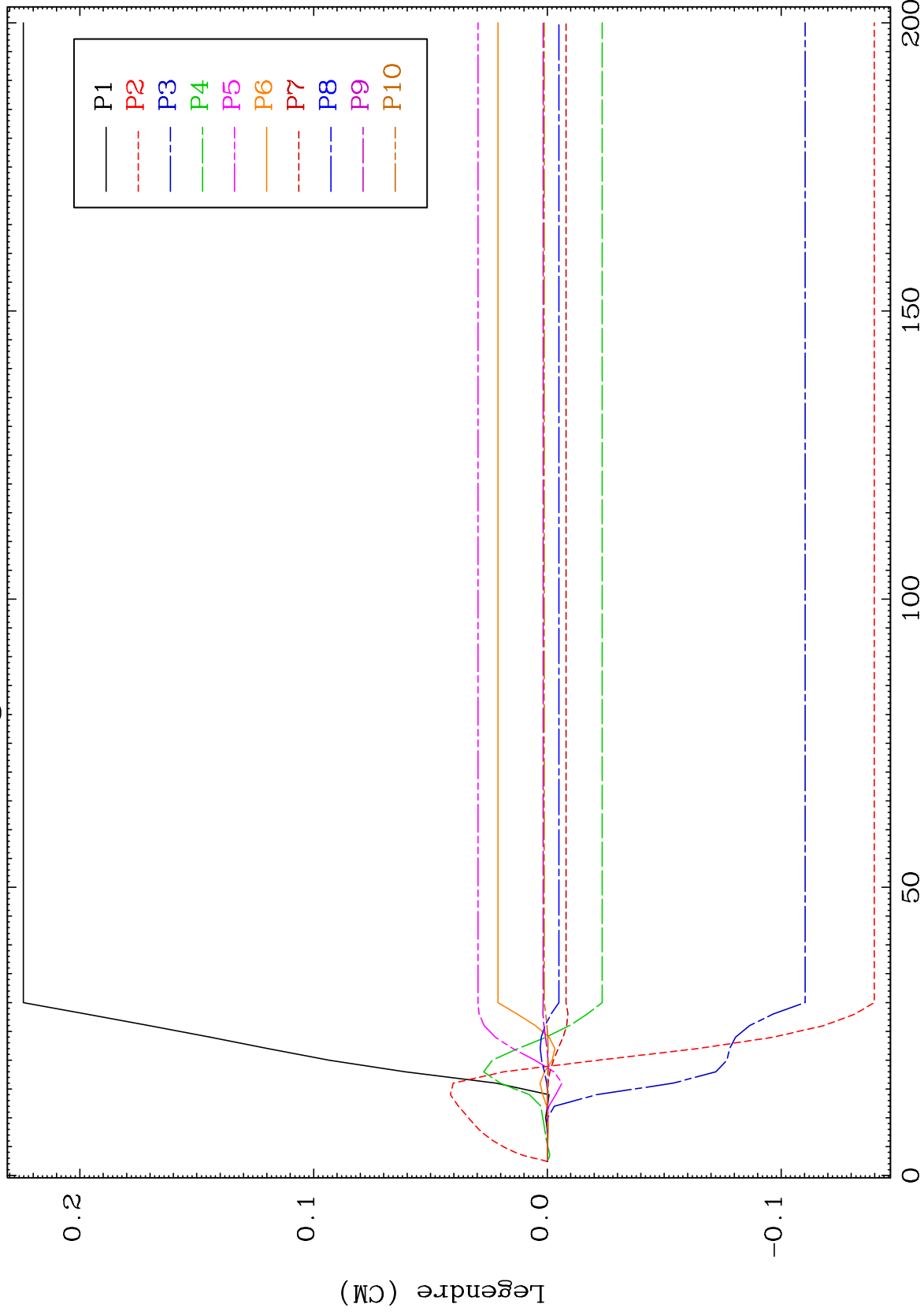
Incident Energy (MeV)

23-V -55

MAT 2340

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

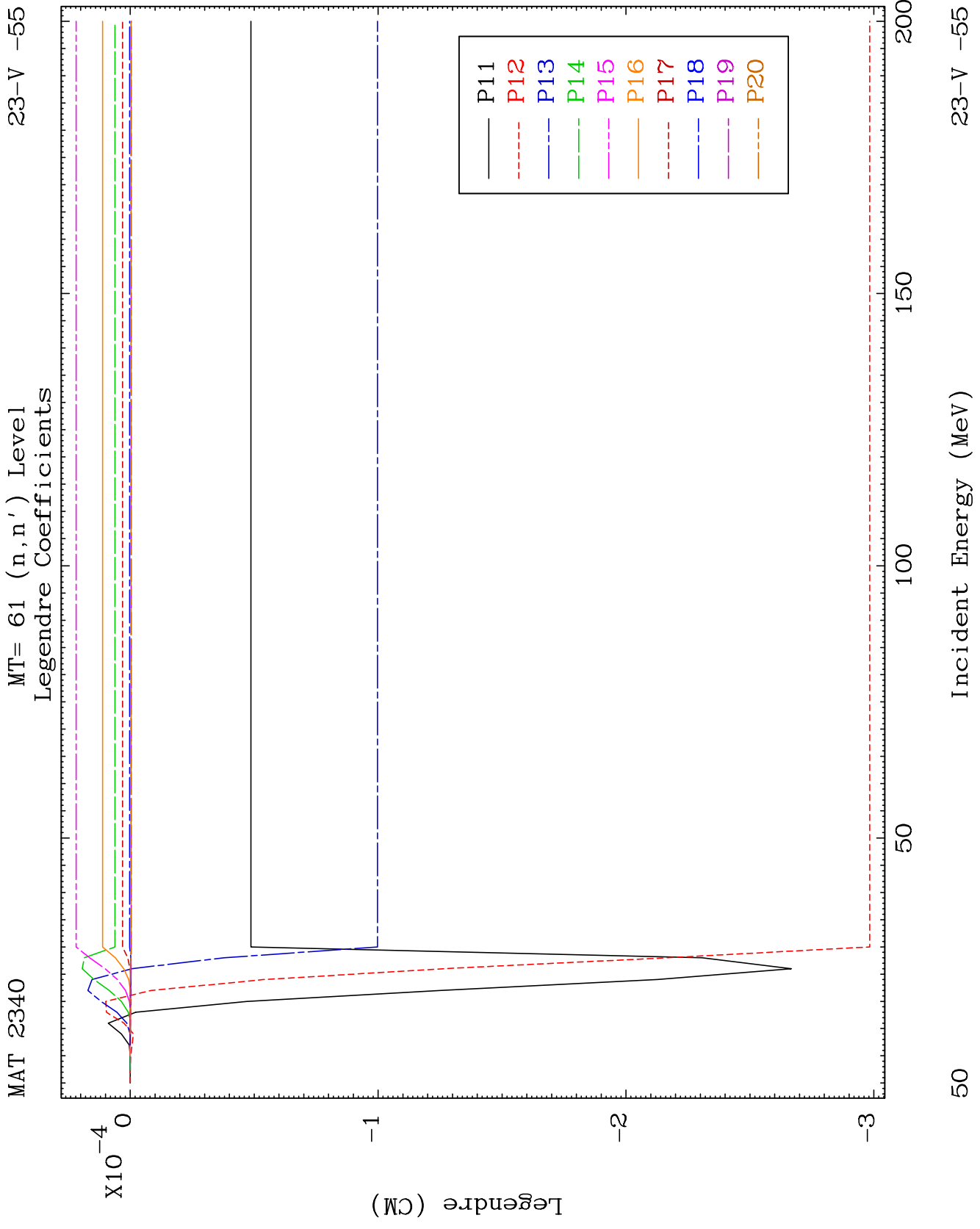
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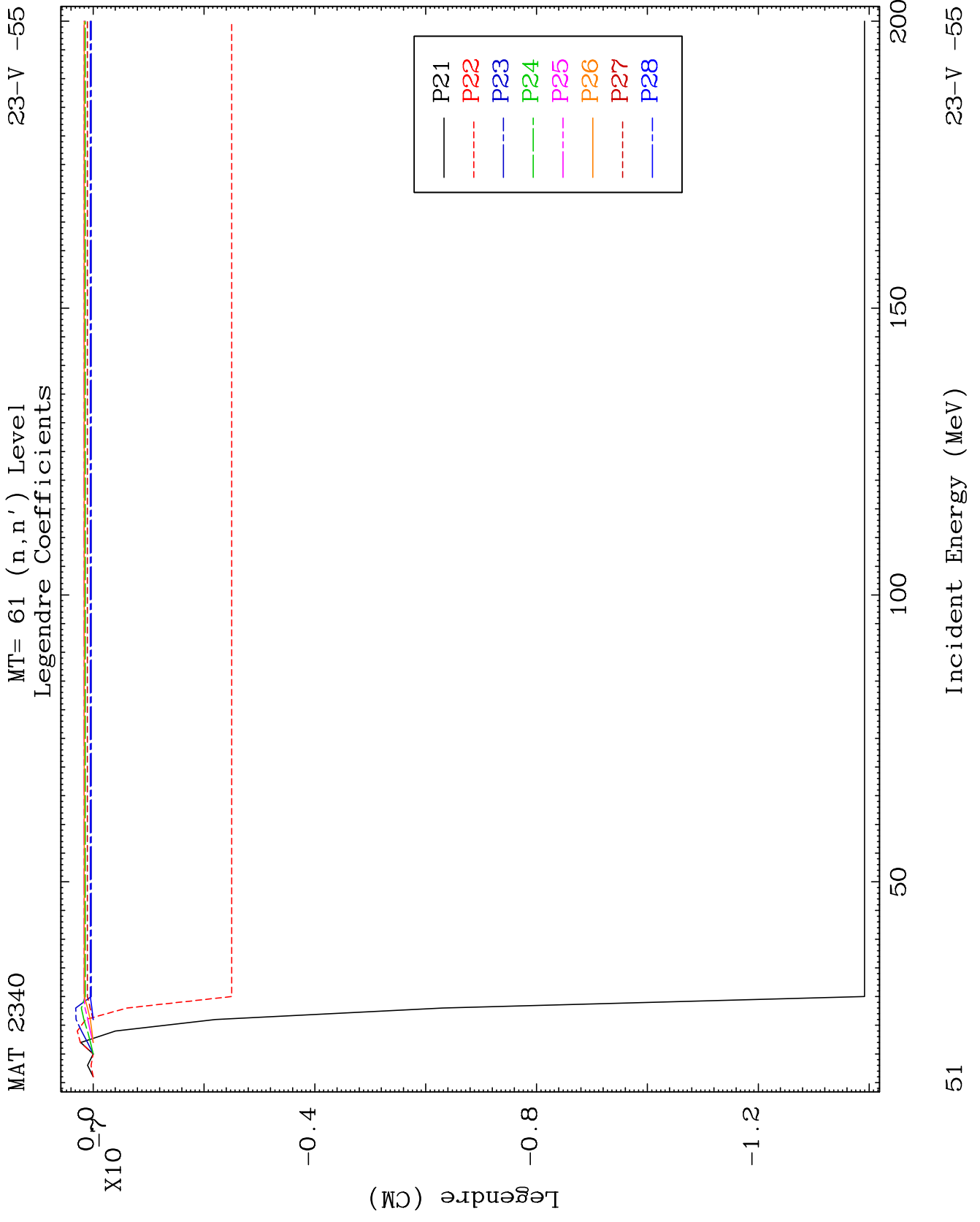


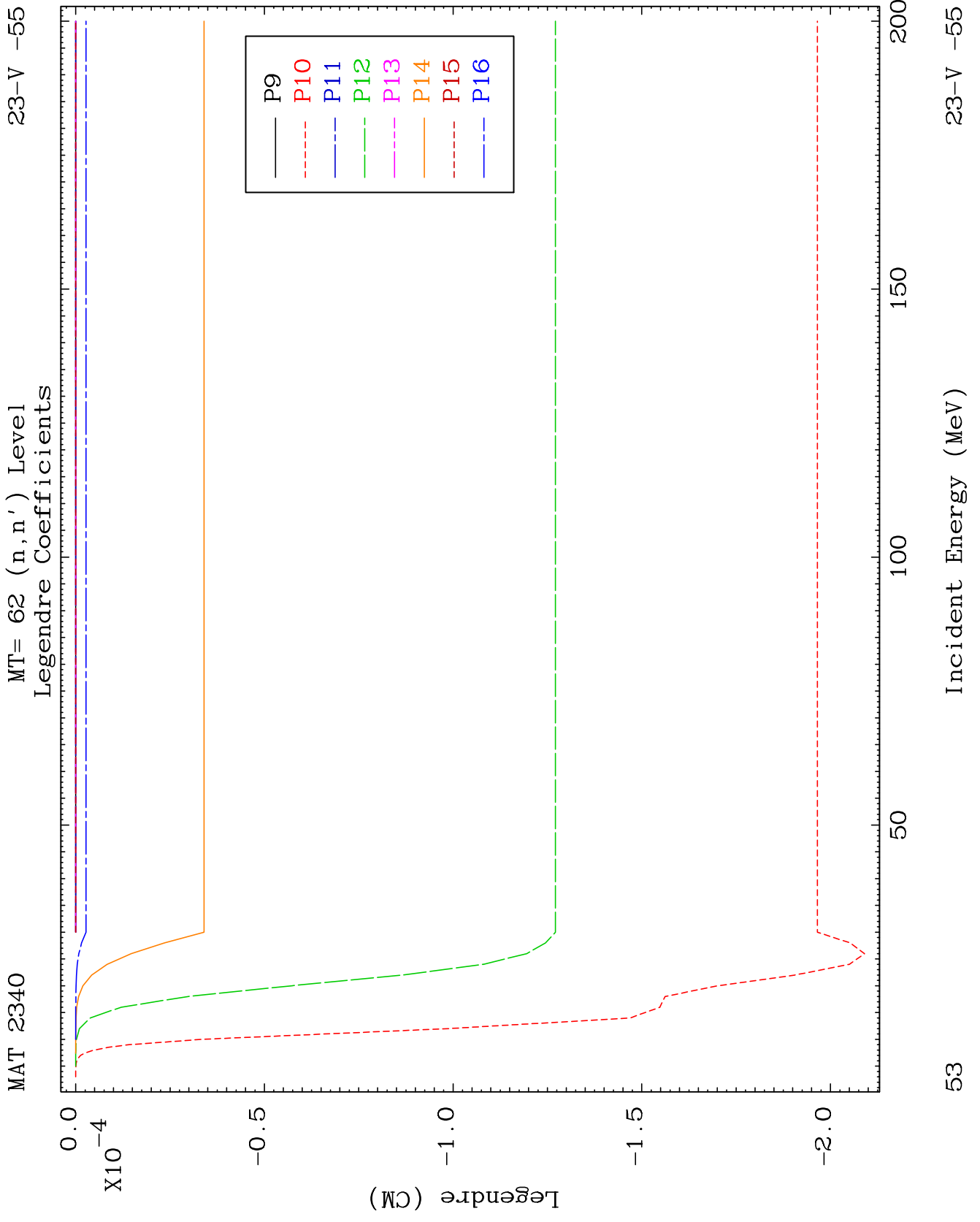
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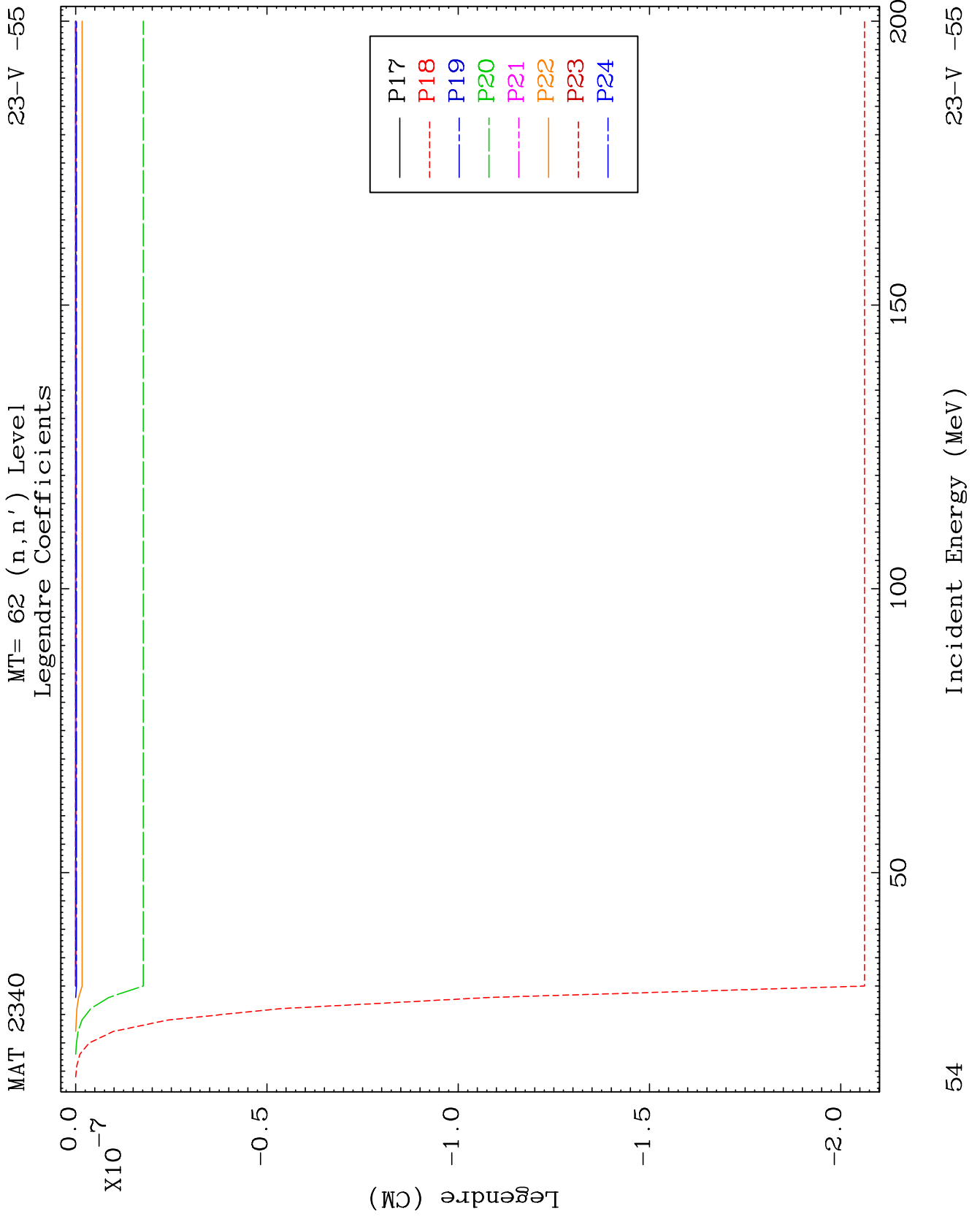
Incident Energy (MeV)

23-V -55





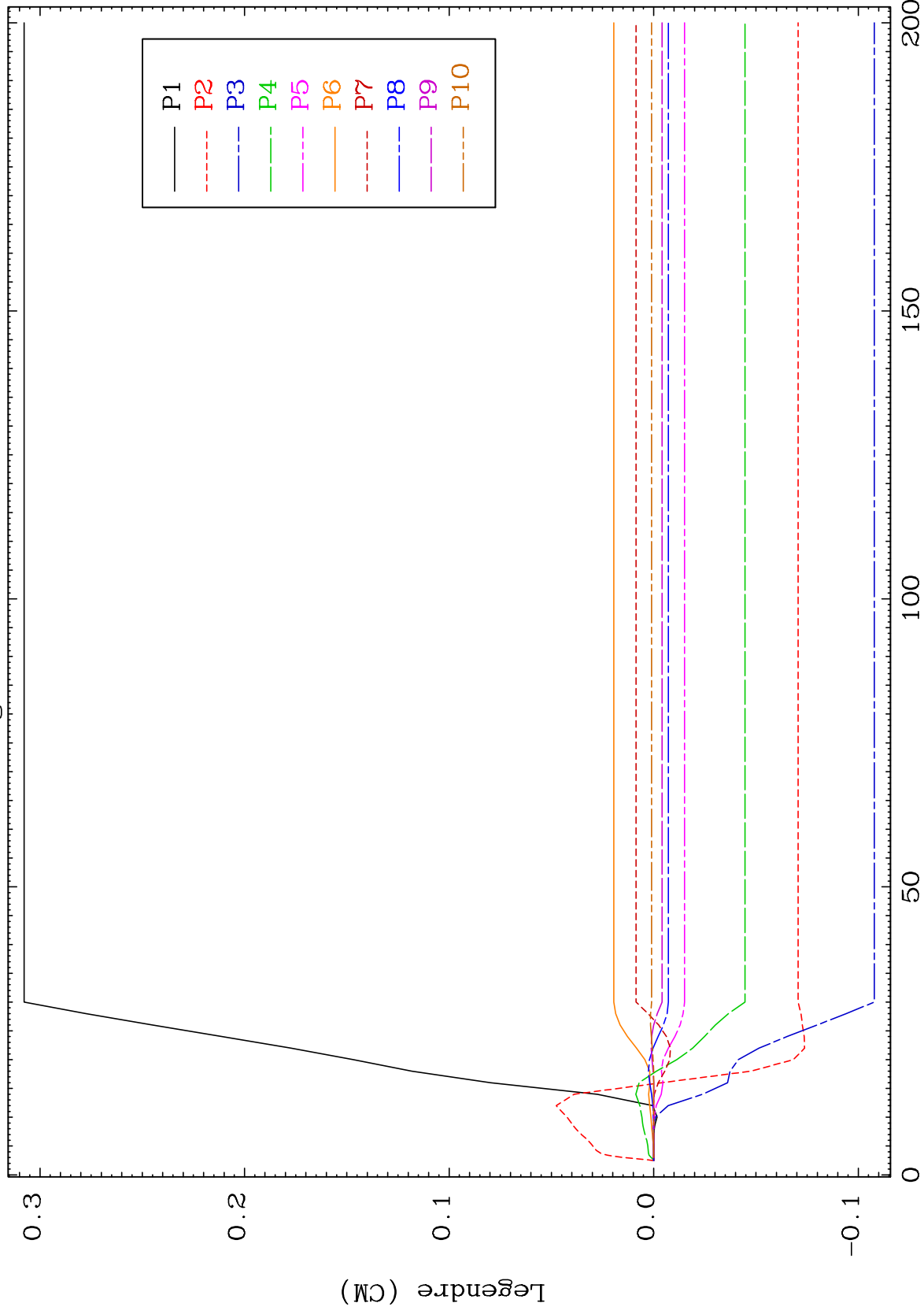




MAT 2340

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

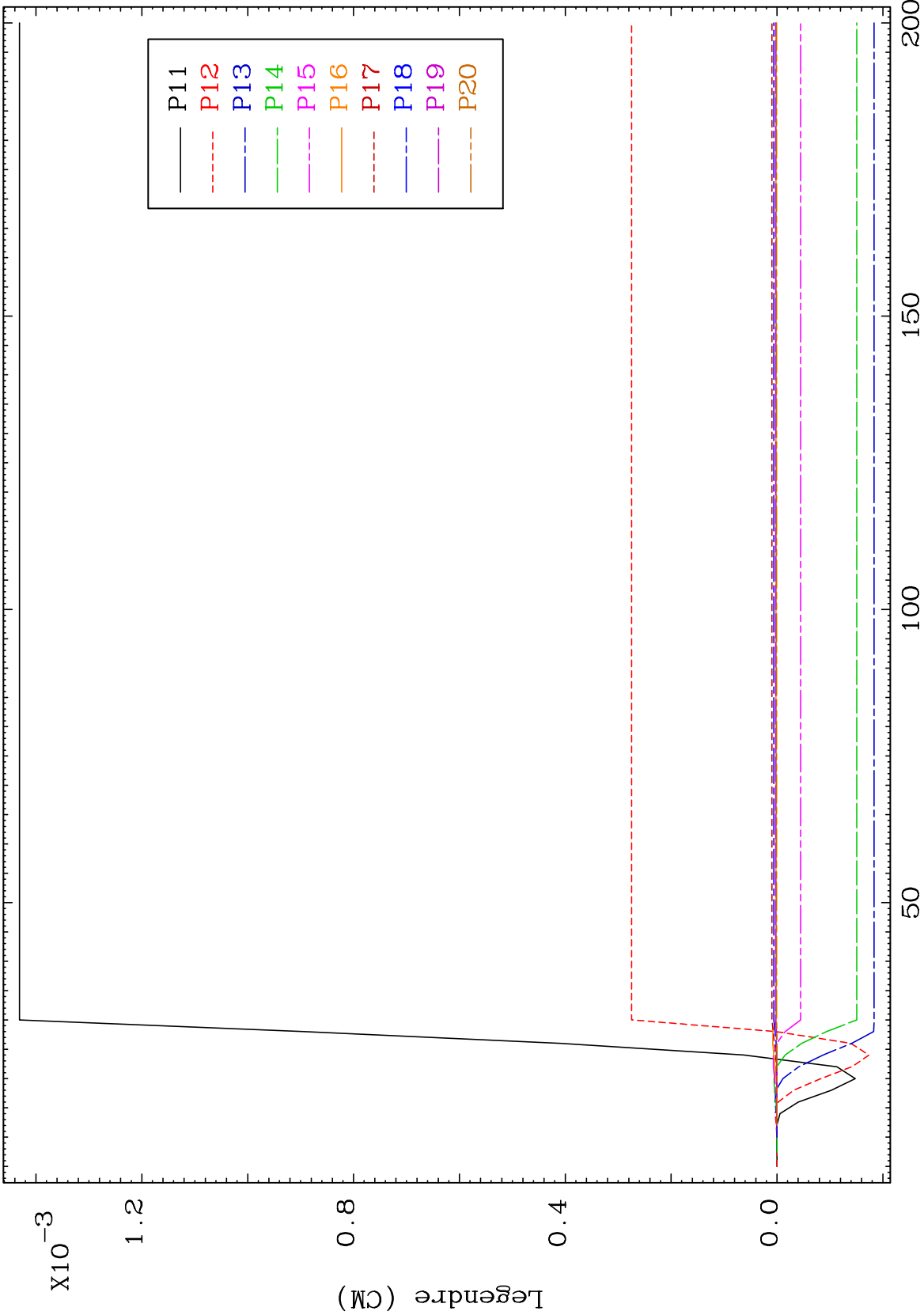
23-V -55



55

Incident Energy (MeV)

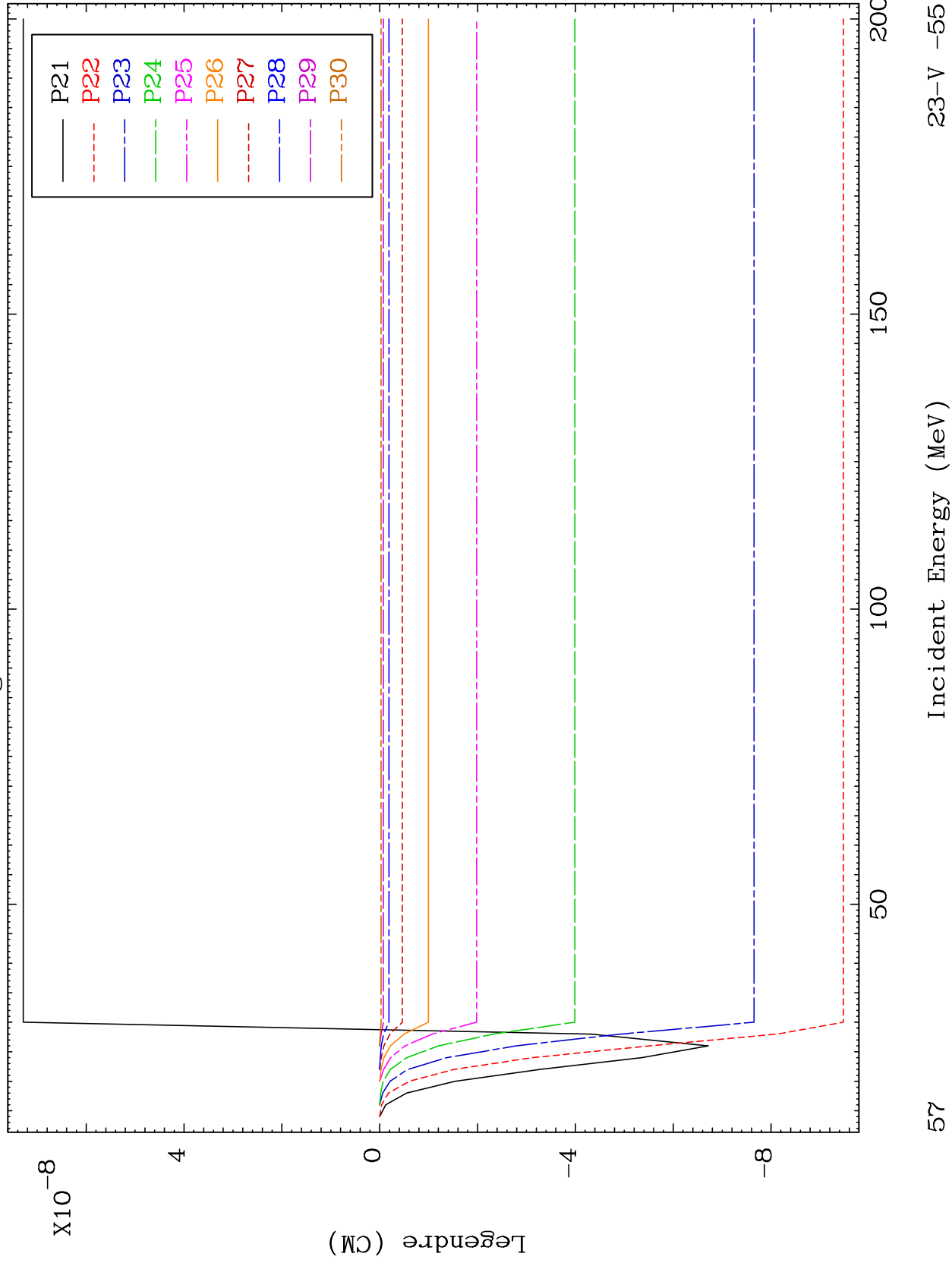
23-V -55



MAT 2340

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

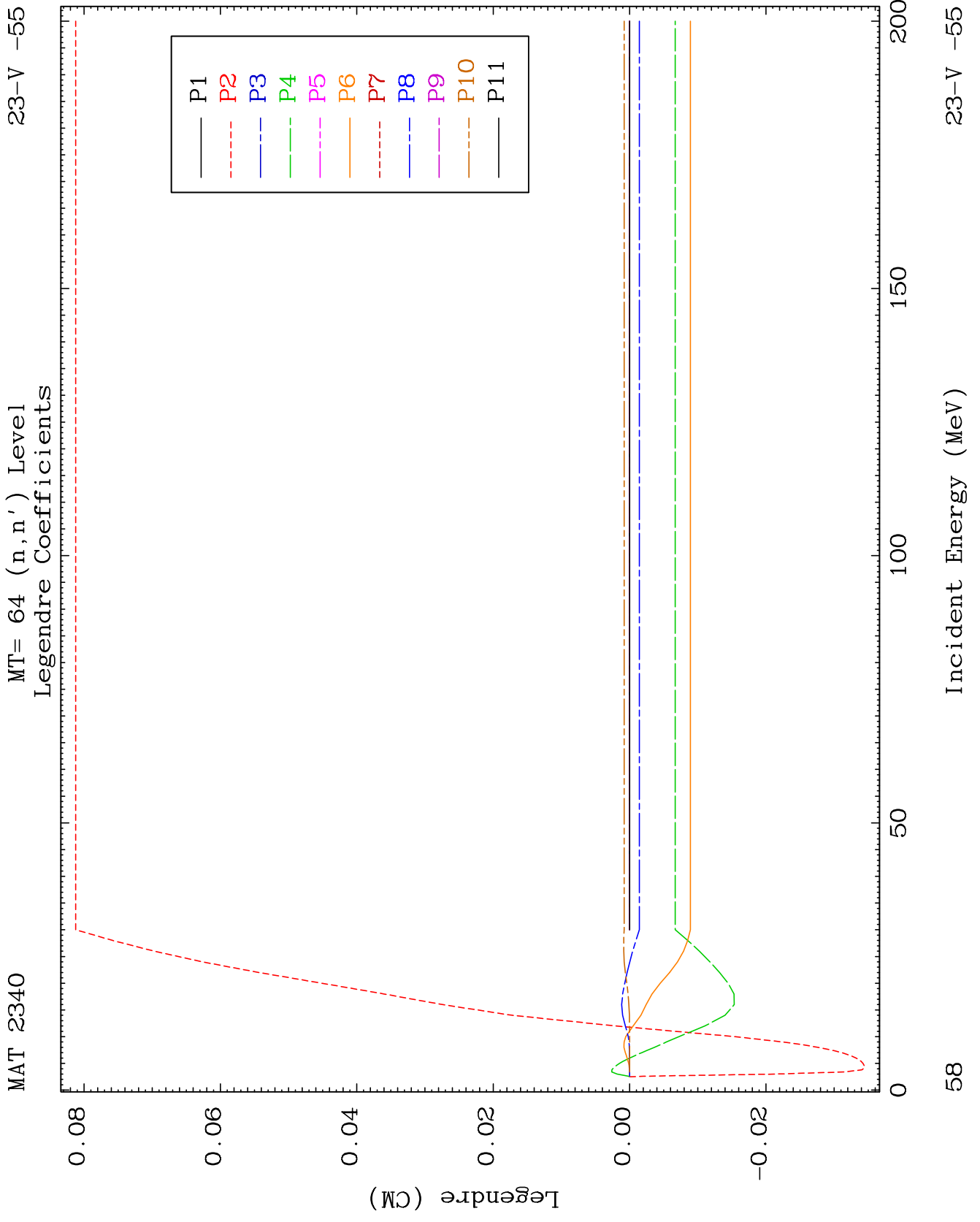
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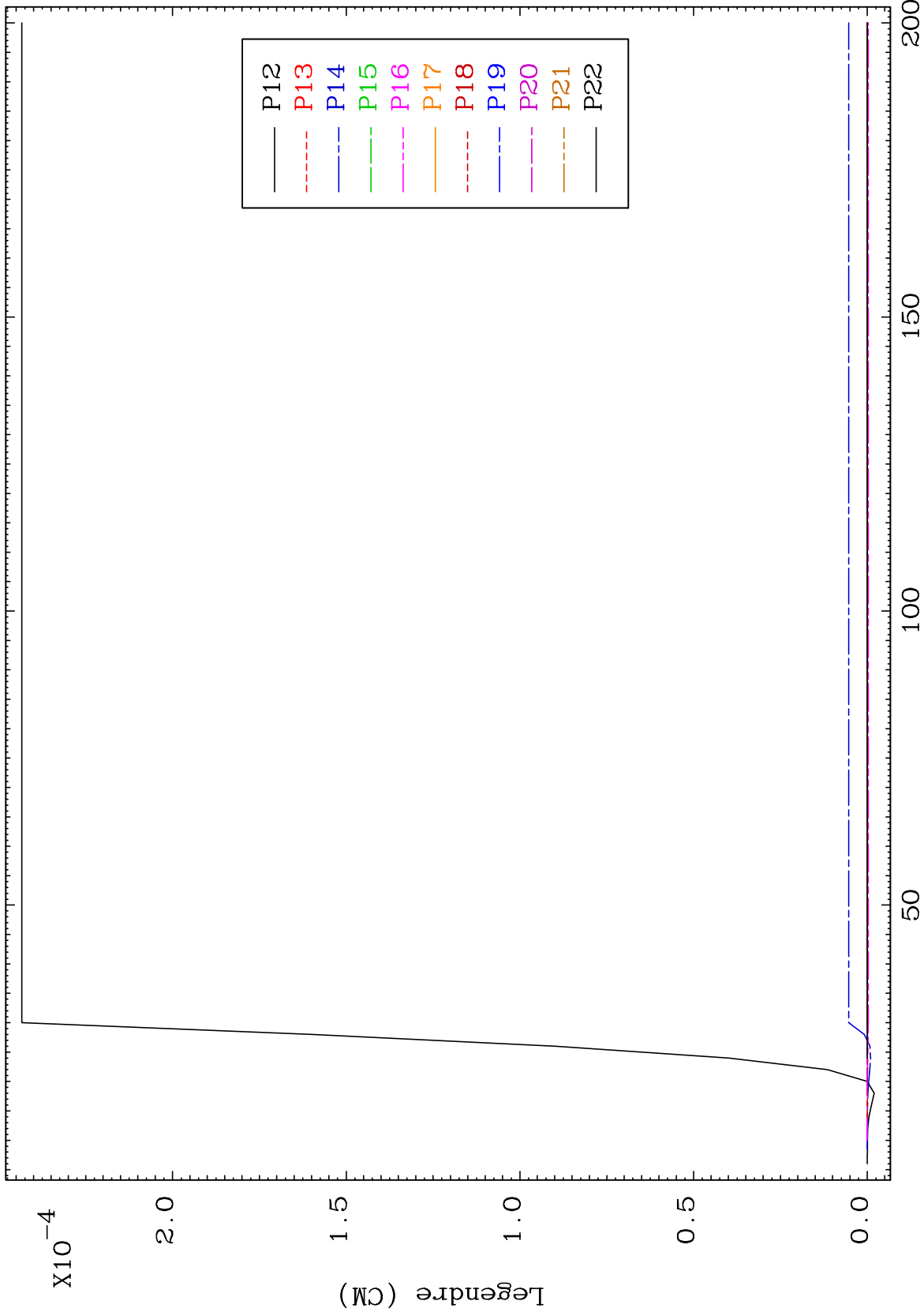


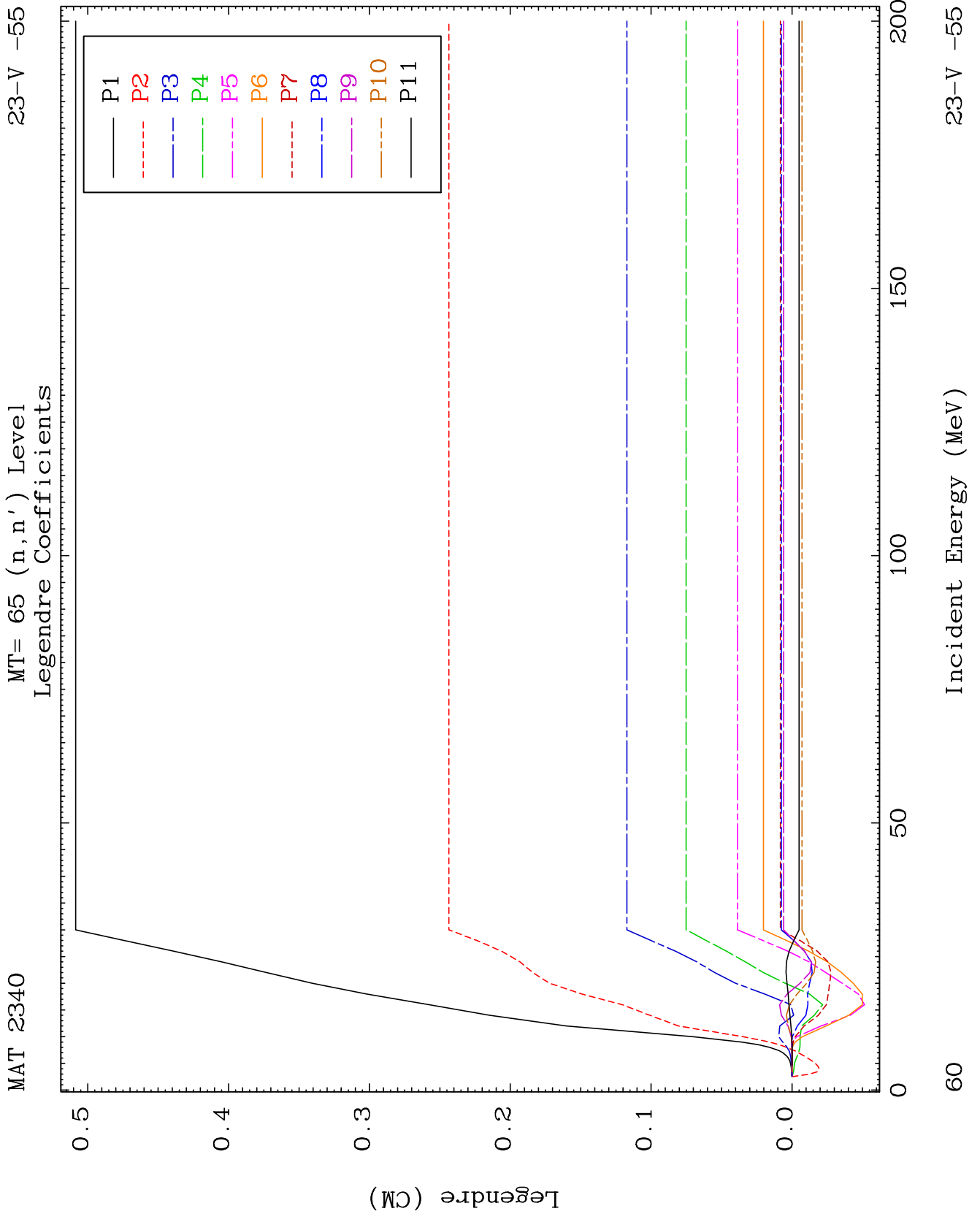
57

Incident Energy (MeV)

23-V -55



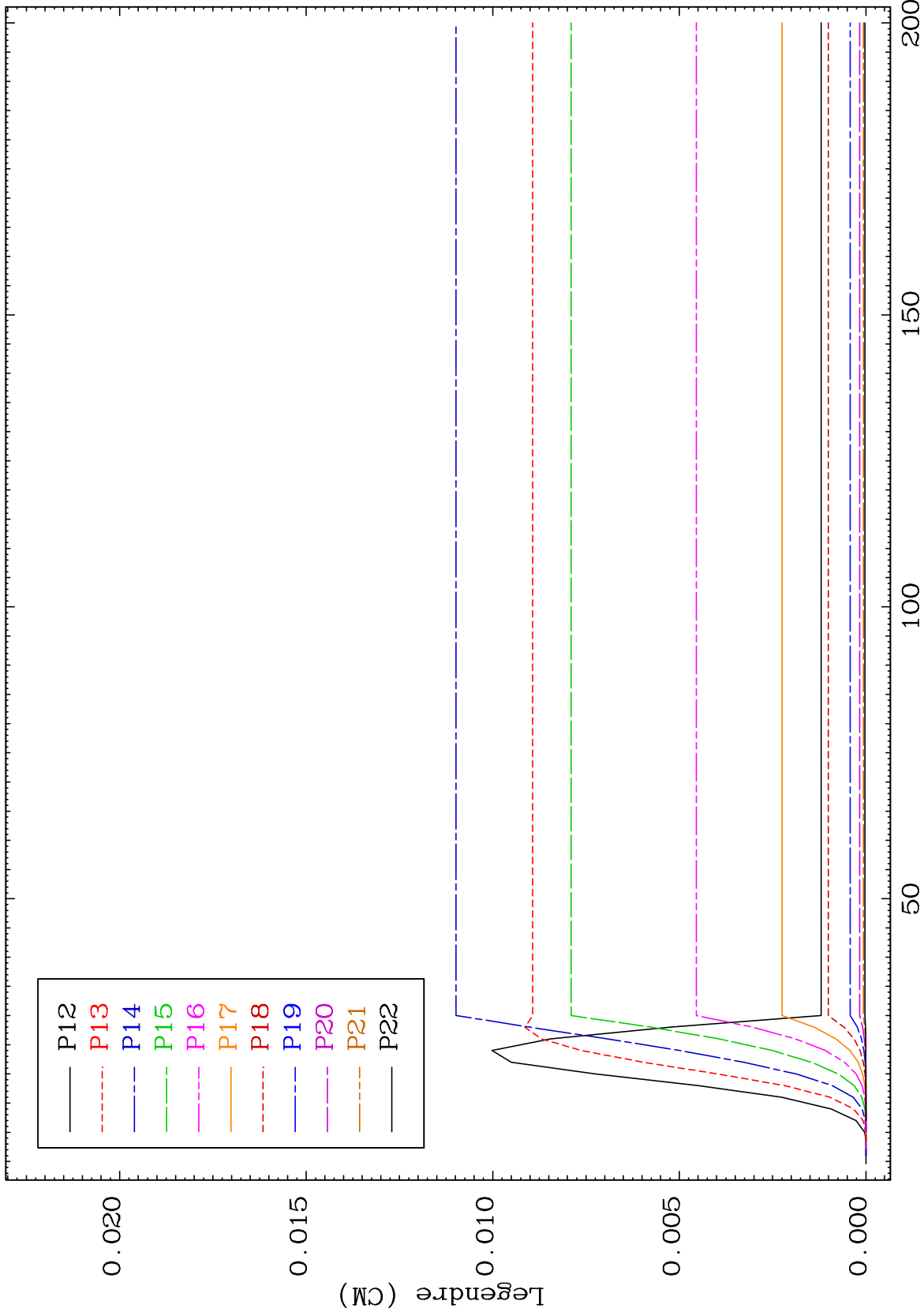




MAT 2340

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

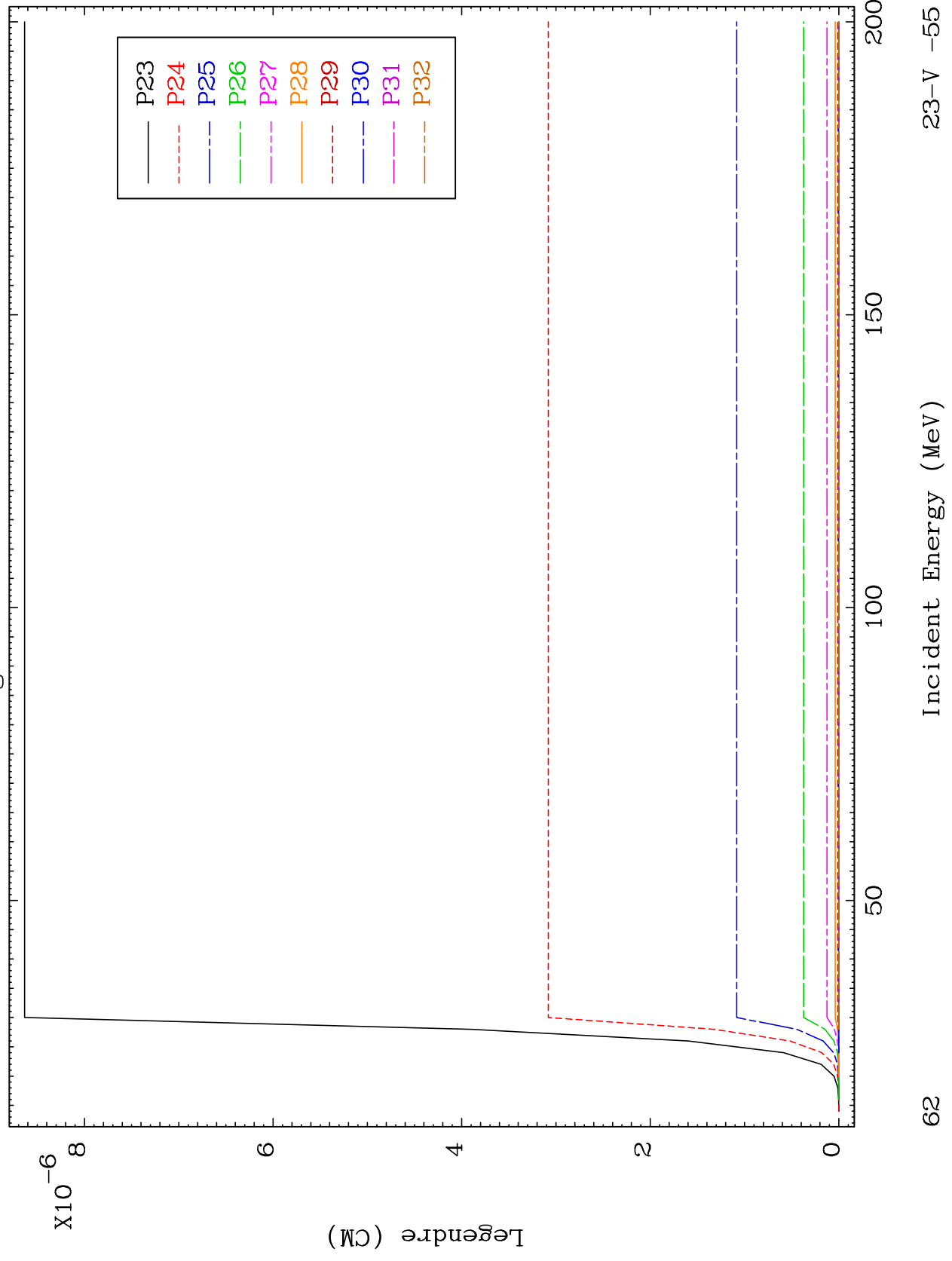
23-V -55



MAT 2340

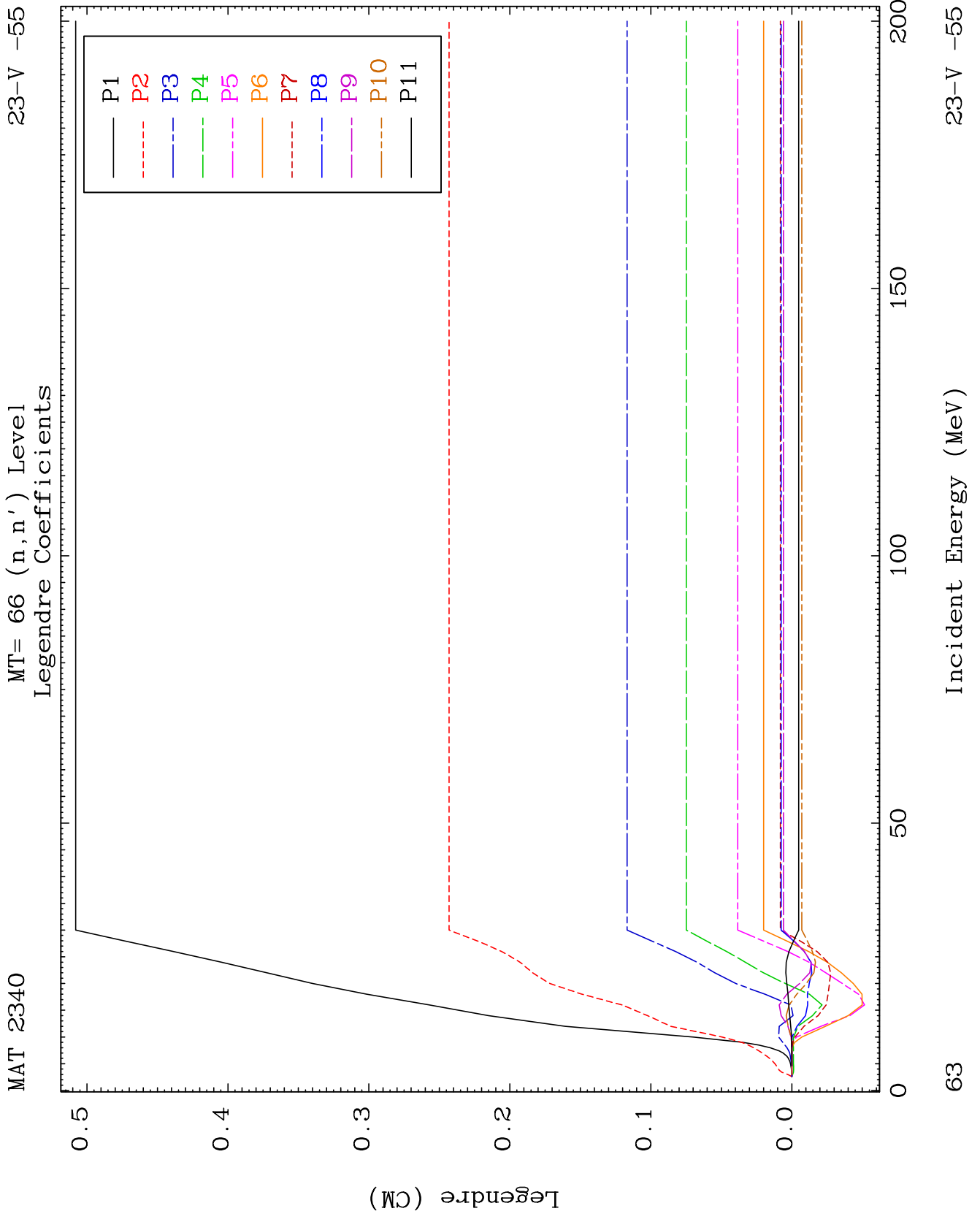
MT= 65 (n,n') Level
Legendre Coefficients

23-V -55



62

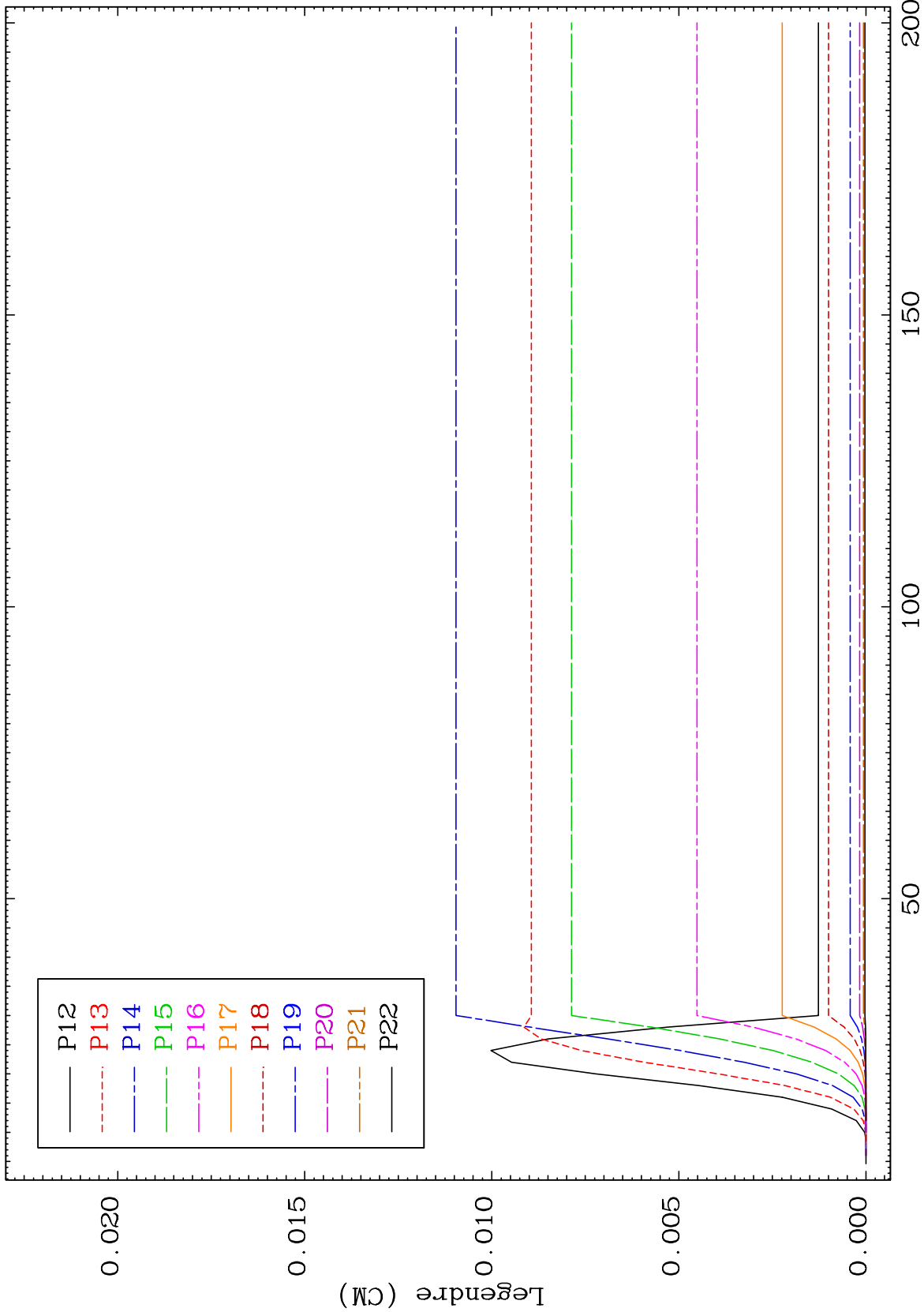
23-V -55



MAT 2340

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

23-V -55



64

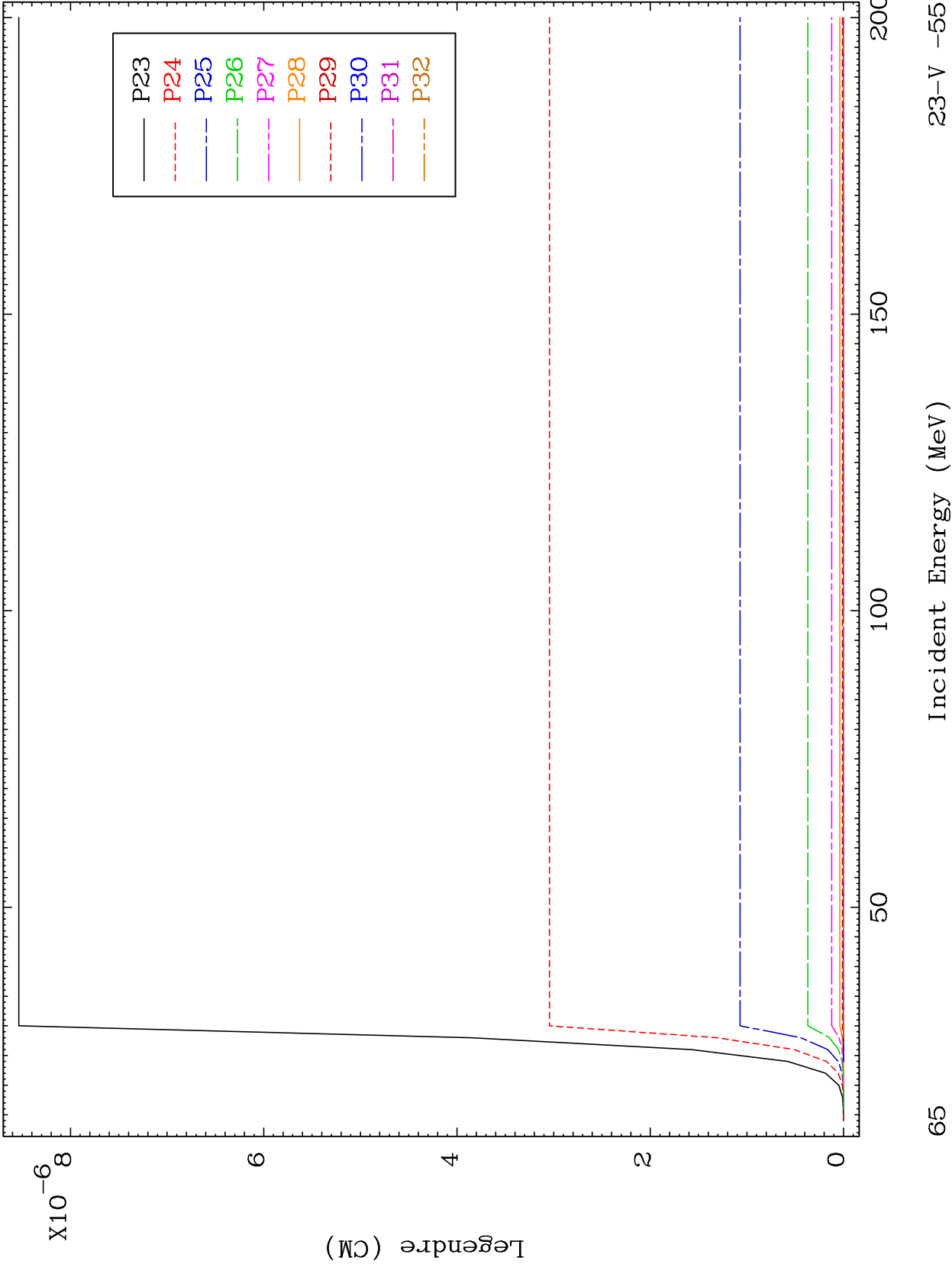
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



65

Incident Energy (MeV)

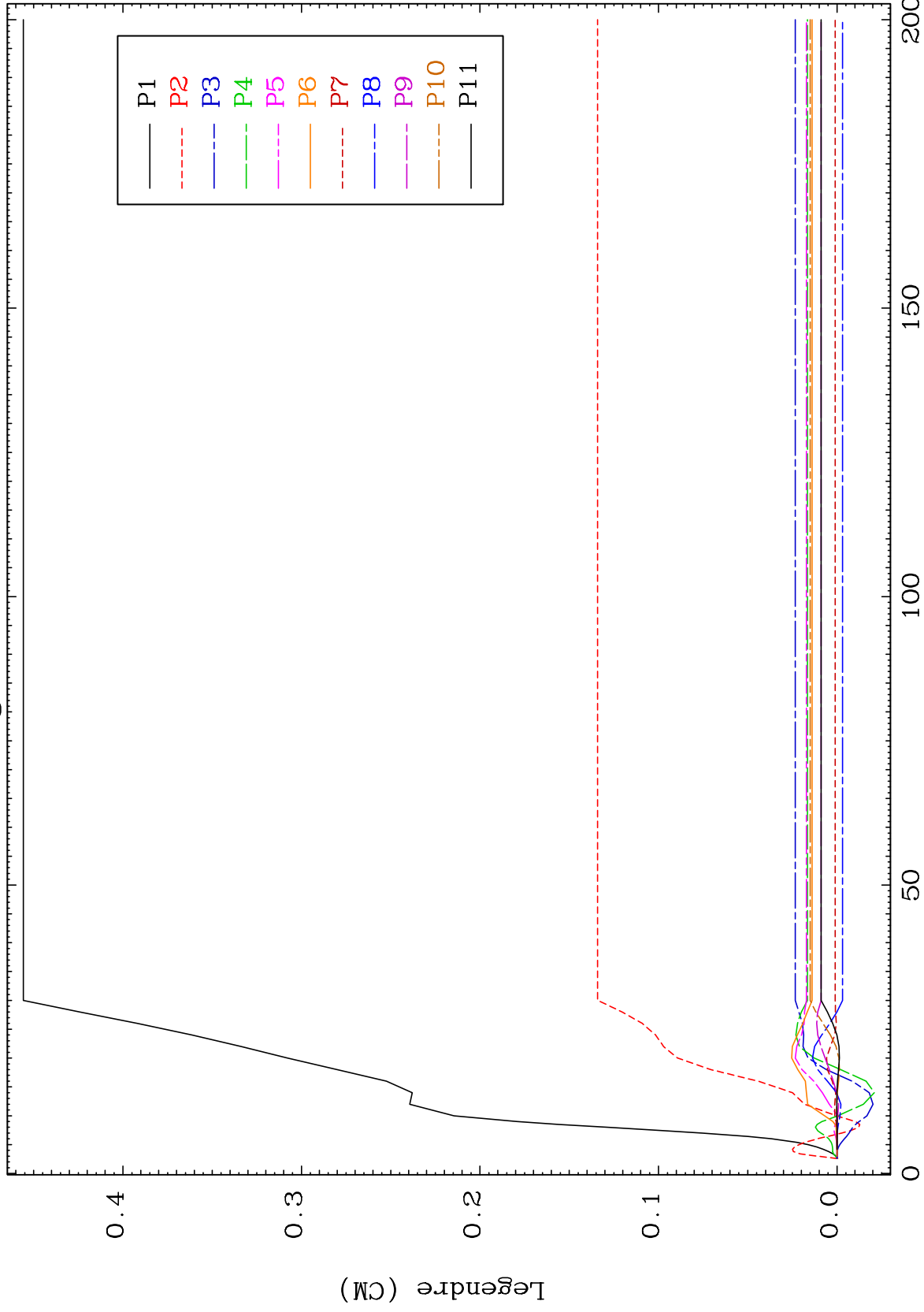
23-V -55

MAT 2340

MT= 67 (n,n') Level

Legendre Coefficients

23-V -55



66

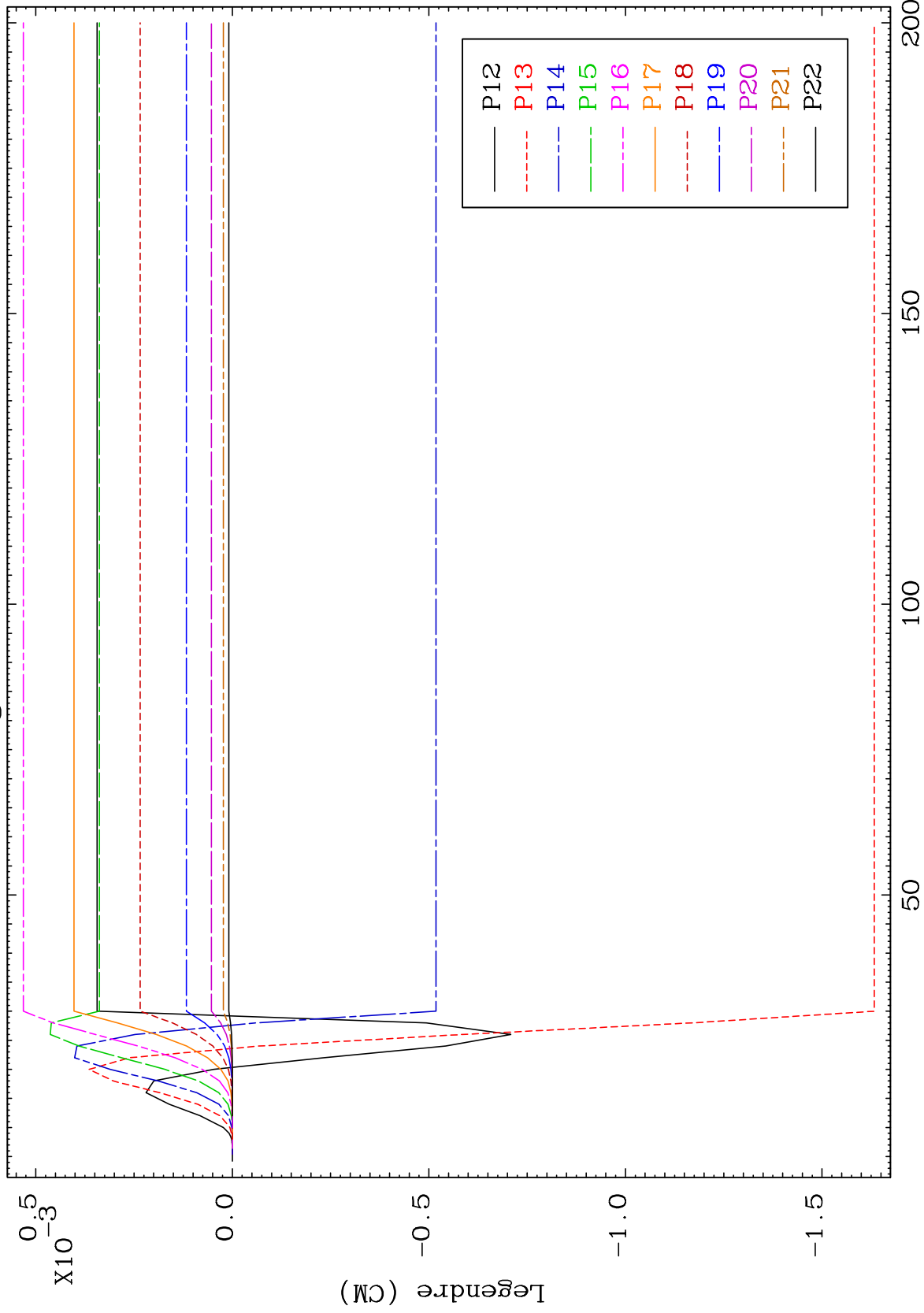
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



67

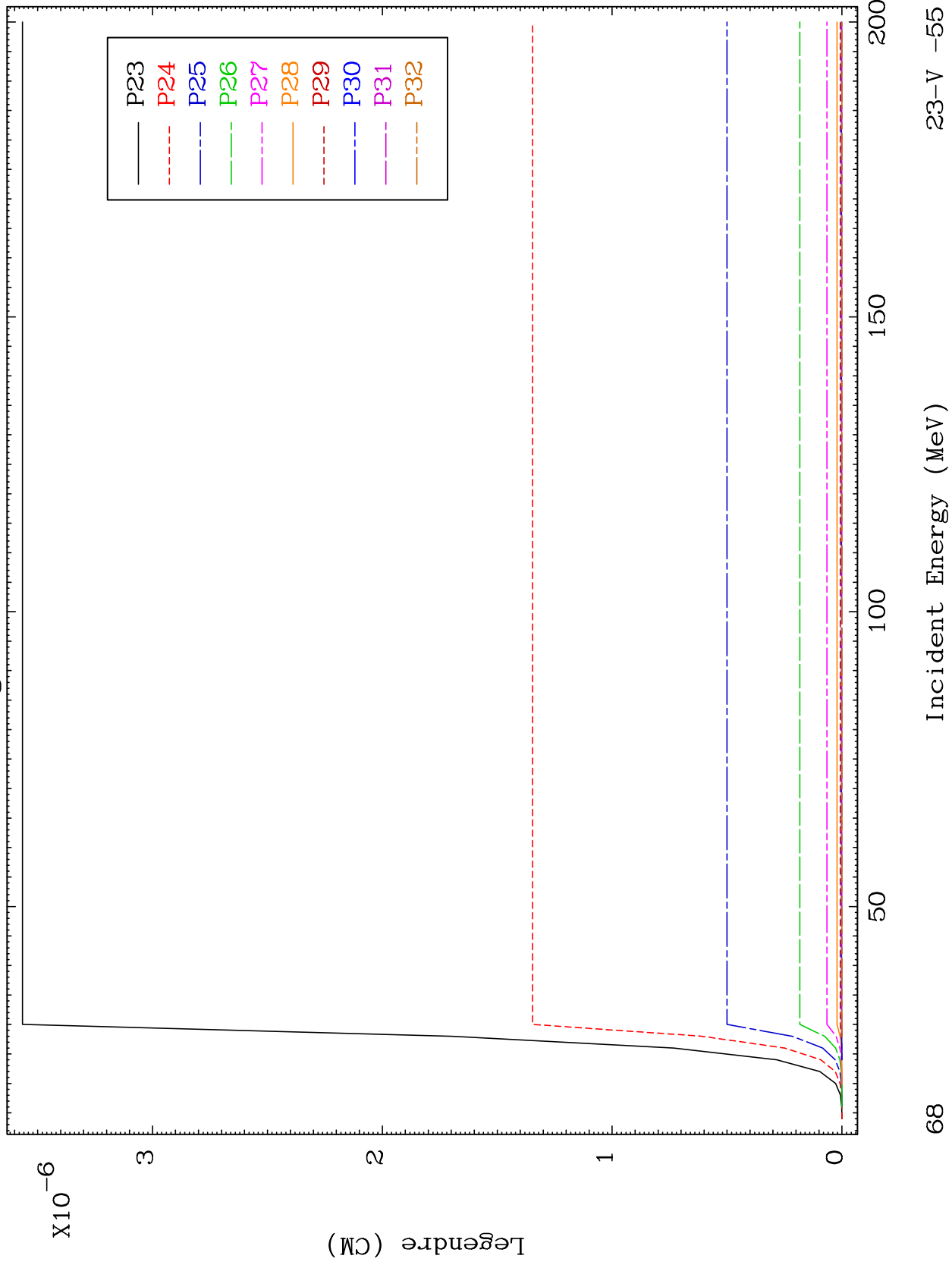
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



68

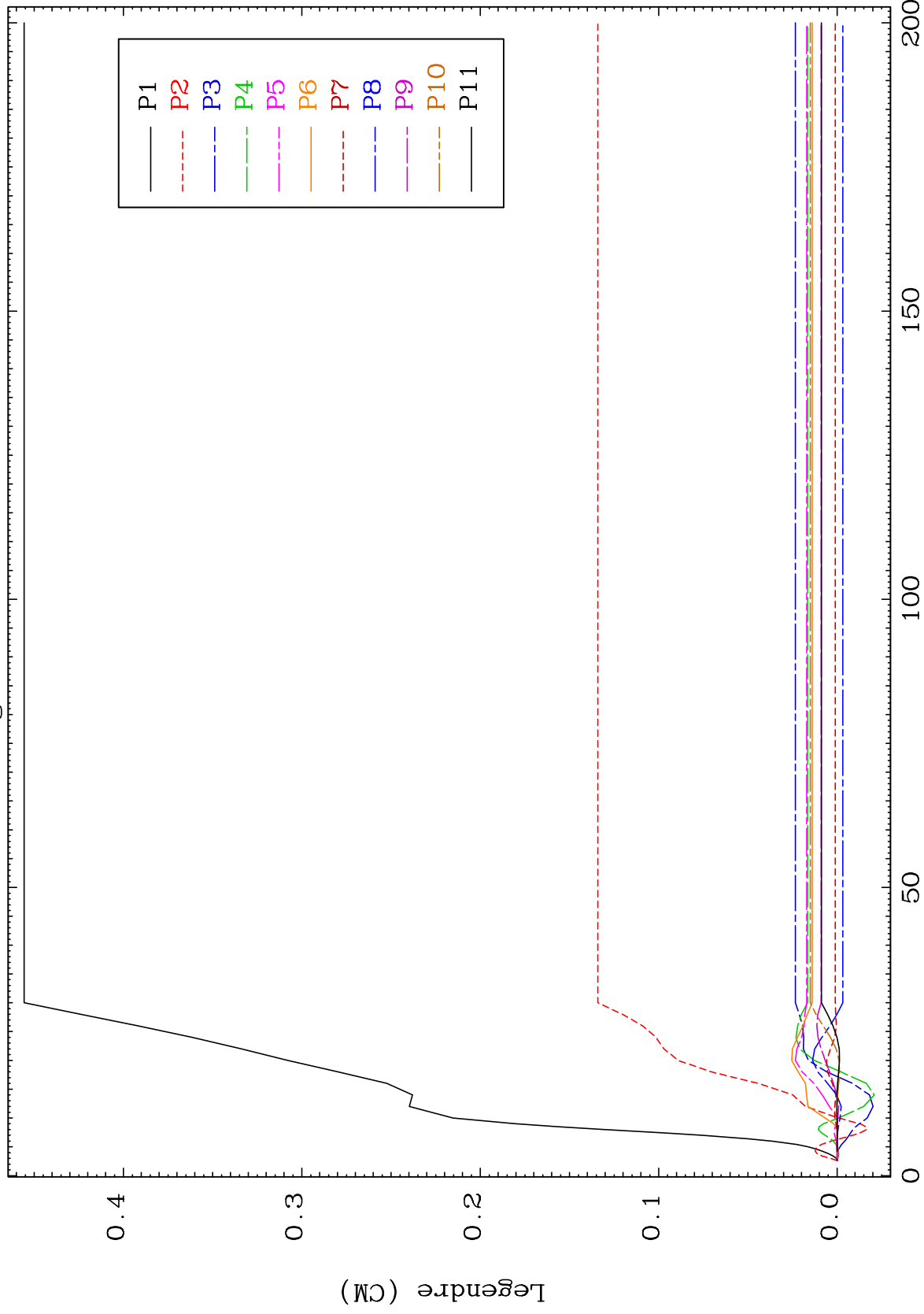
Incident Energy (MeV)

23-V -55

MAT 2340

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

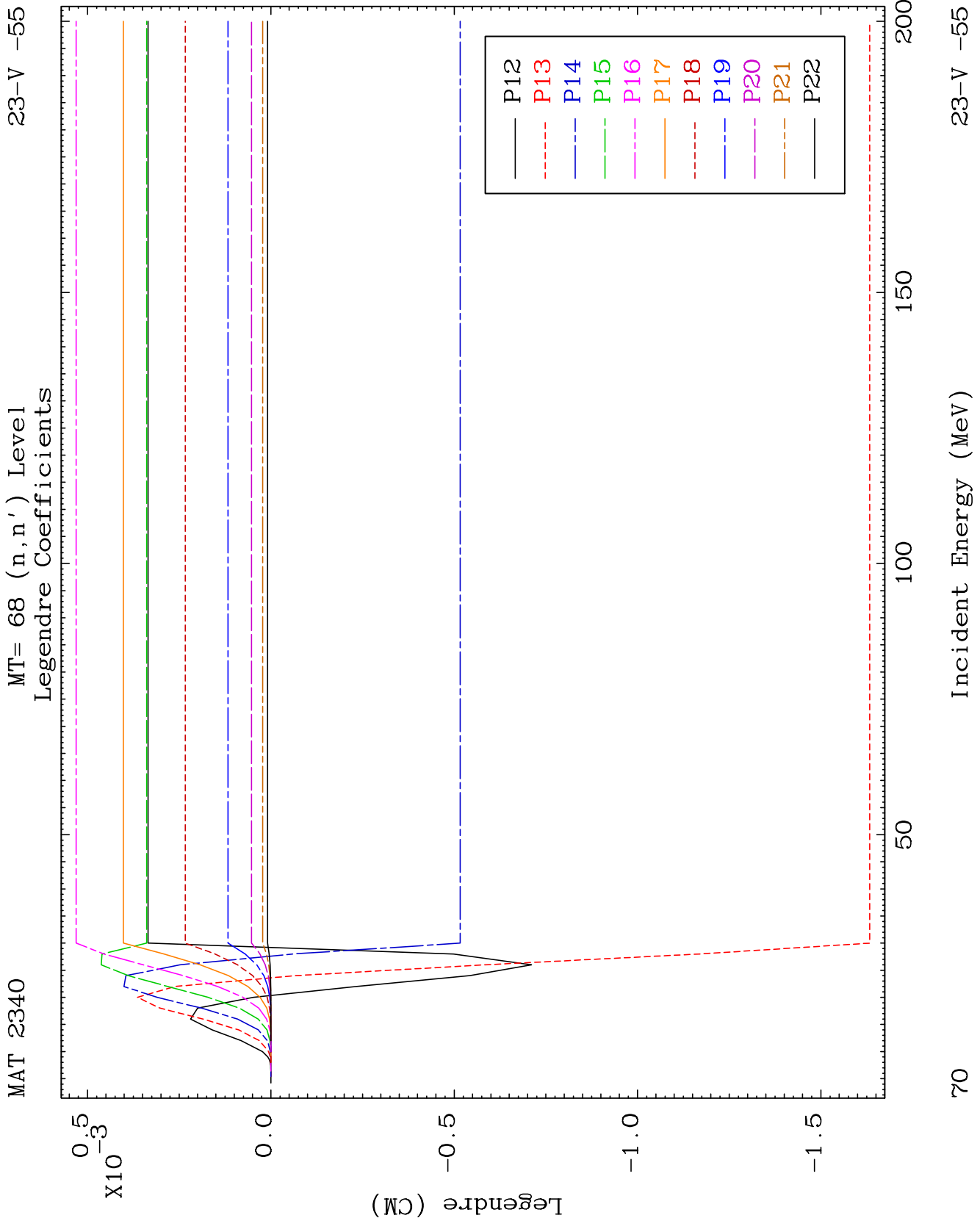
23-V -55



69

Incident Energy (MeV)

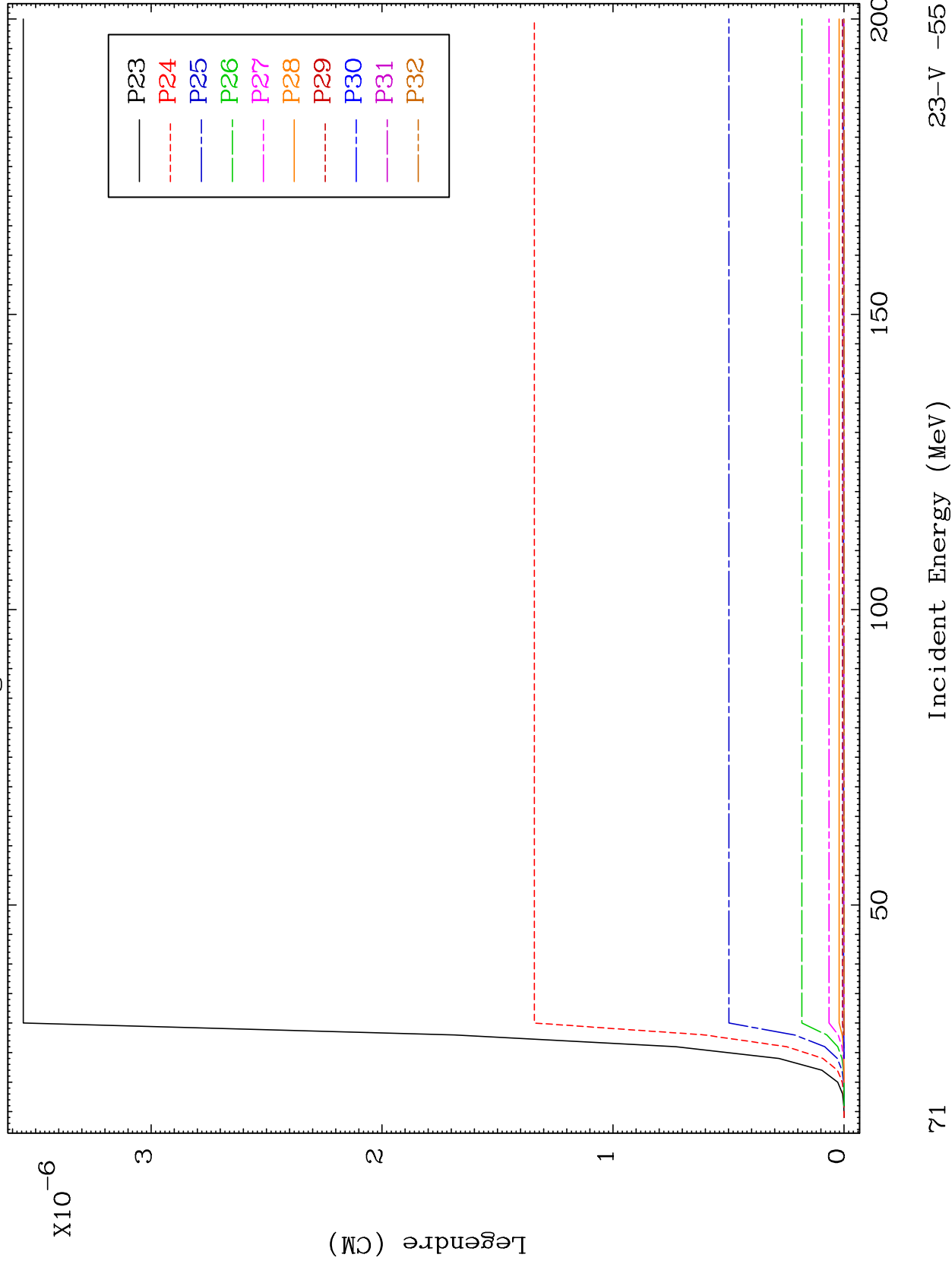
23-V -55



MAT 2340

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

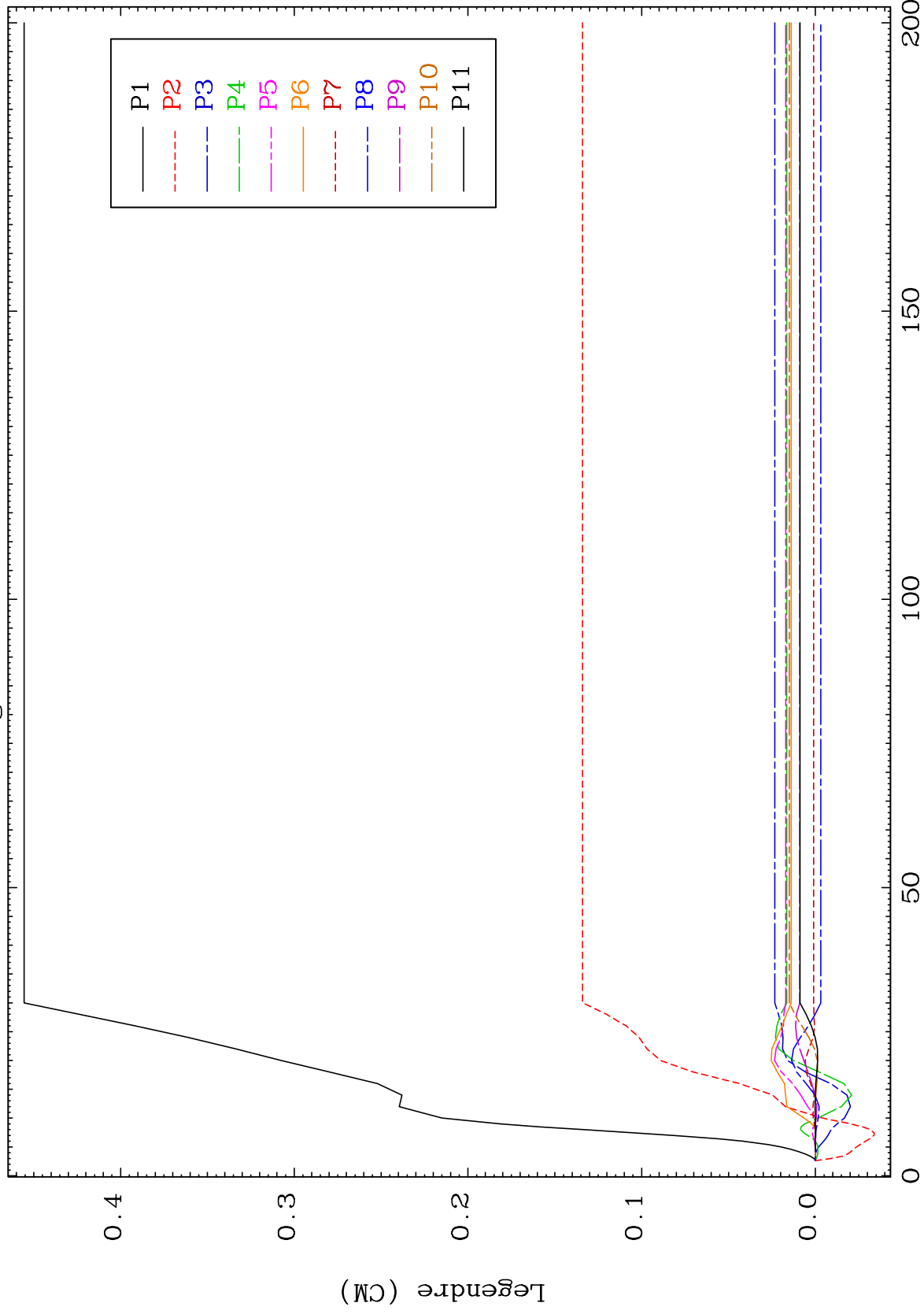
23-V -55



MAT 2340

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

23-V -55



72

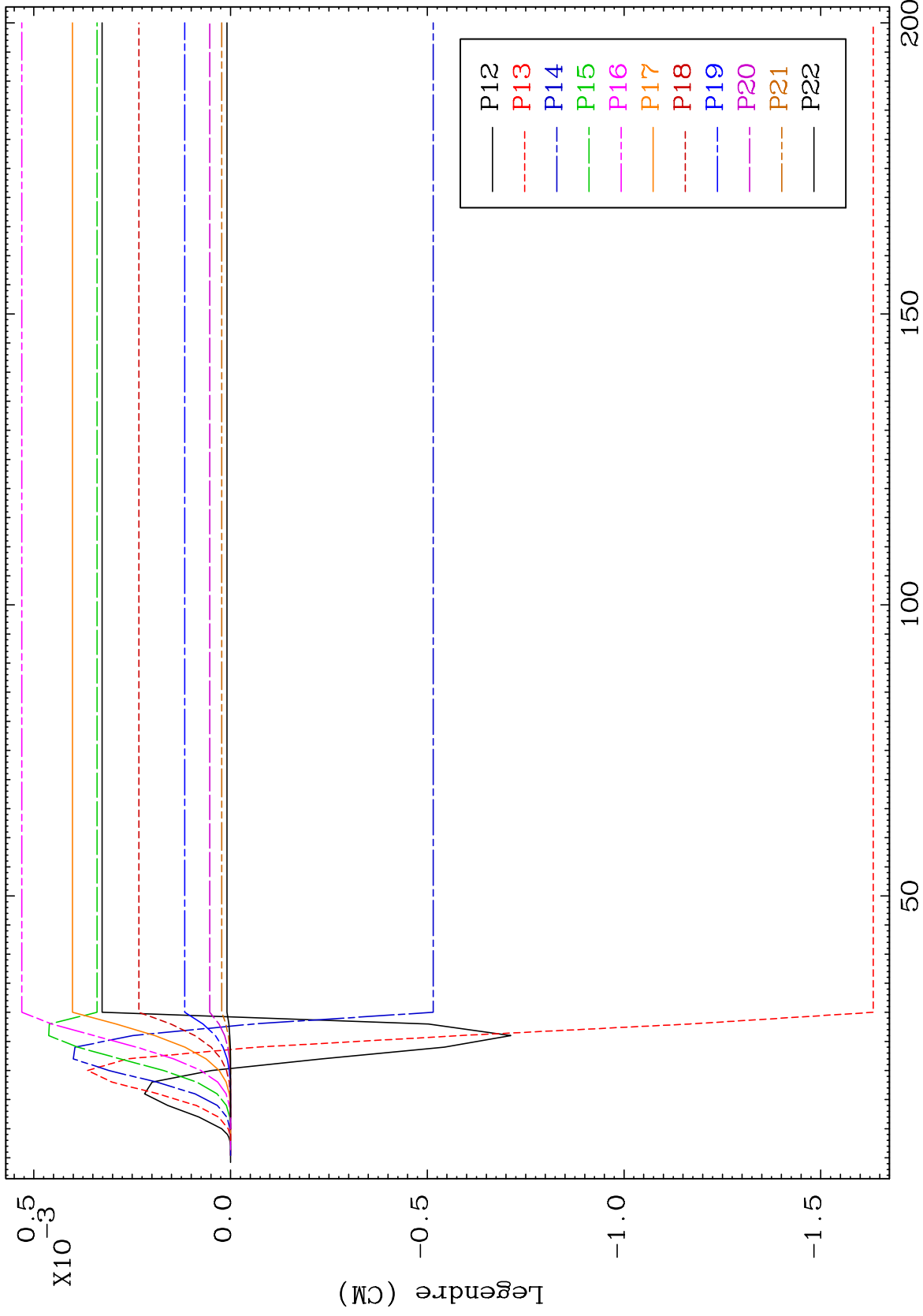
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



73

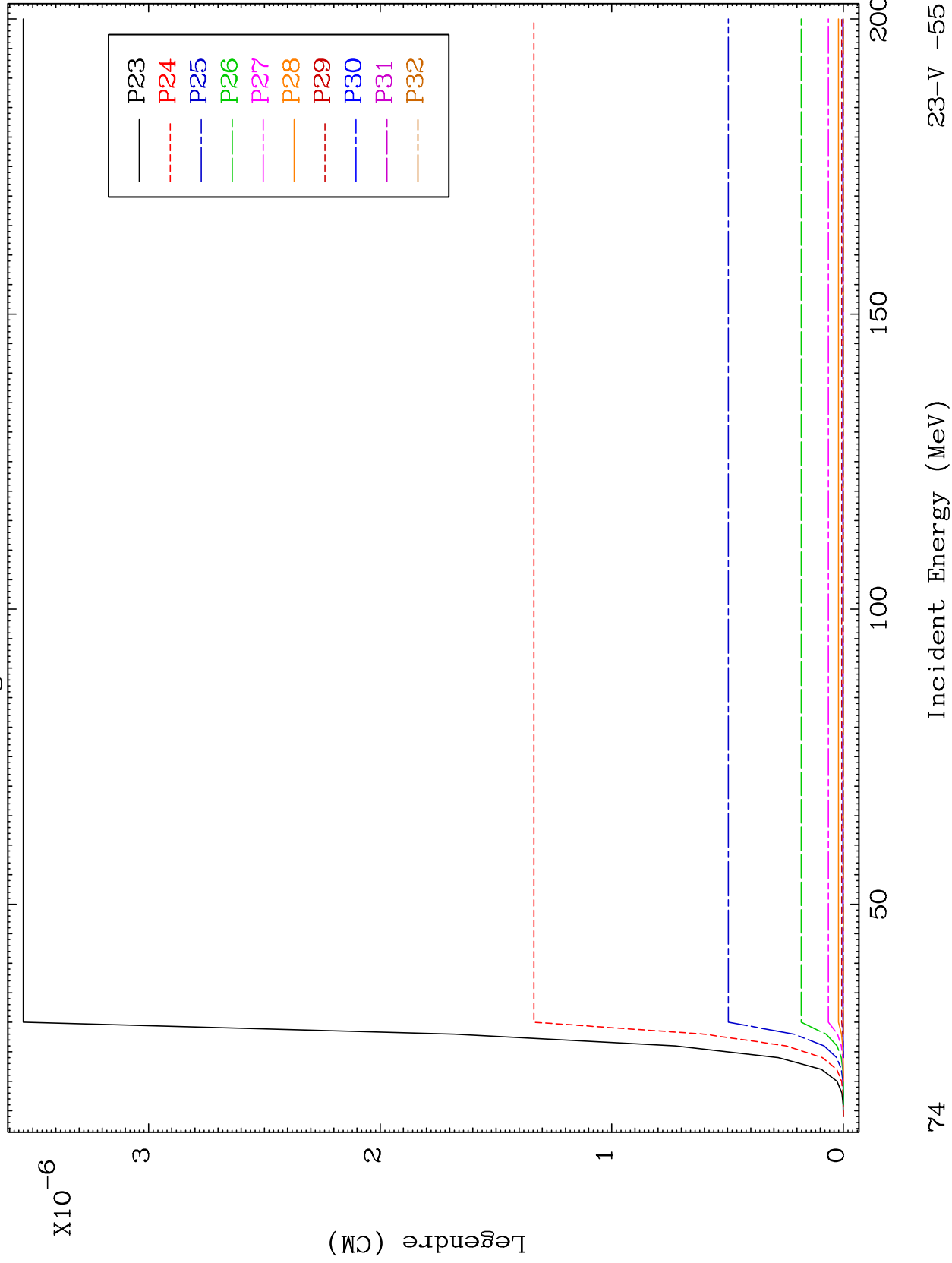
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



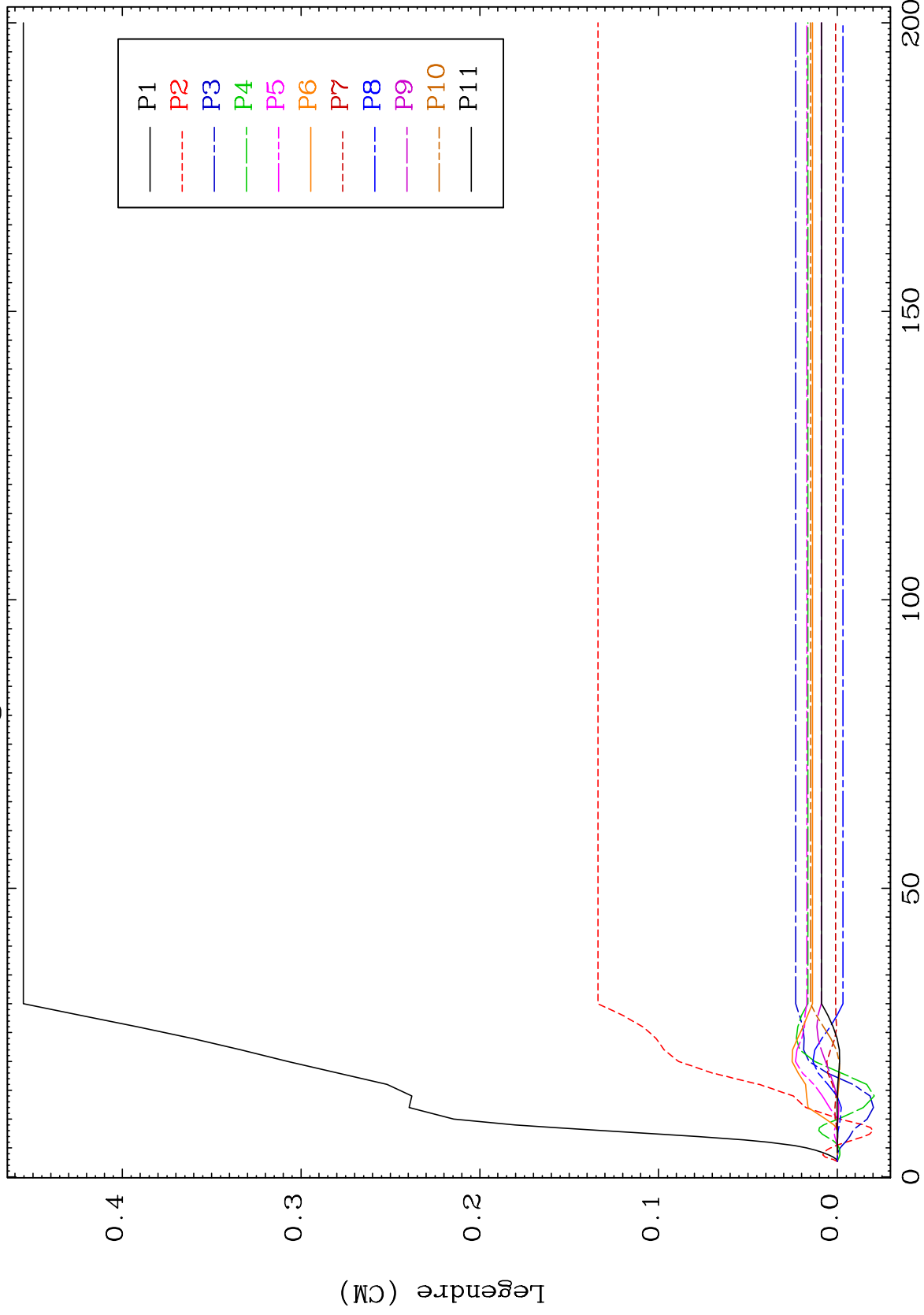
74

23-V -55

MAT 2340

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

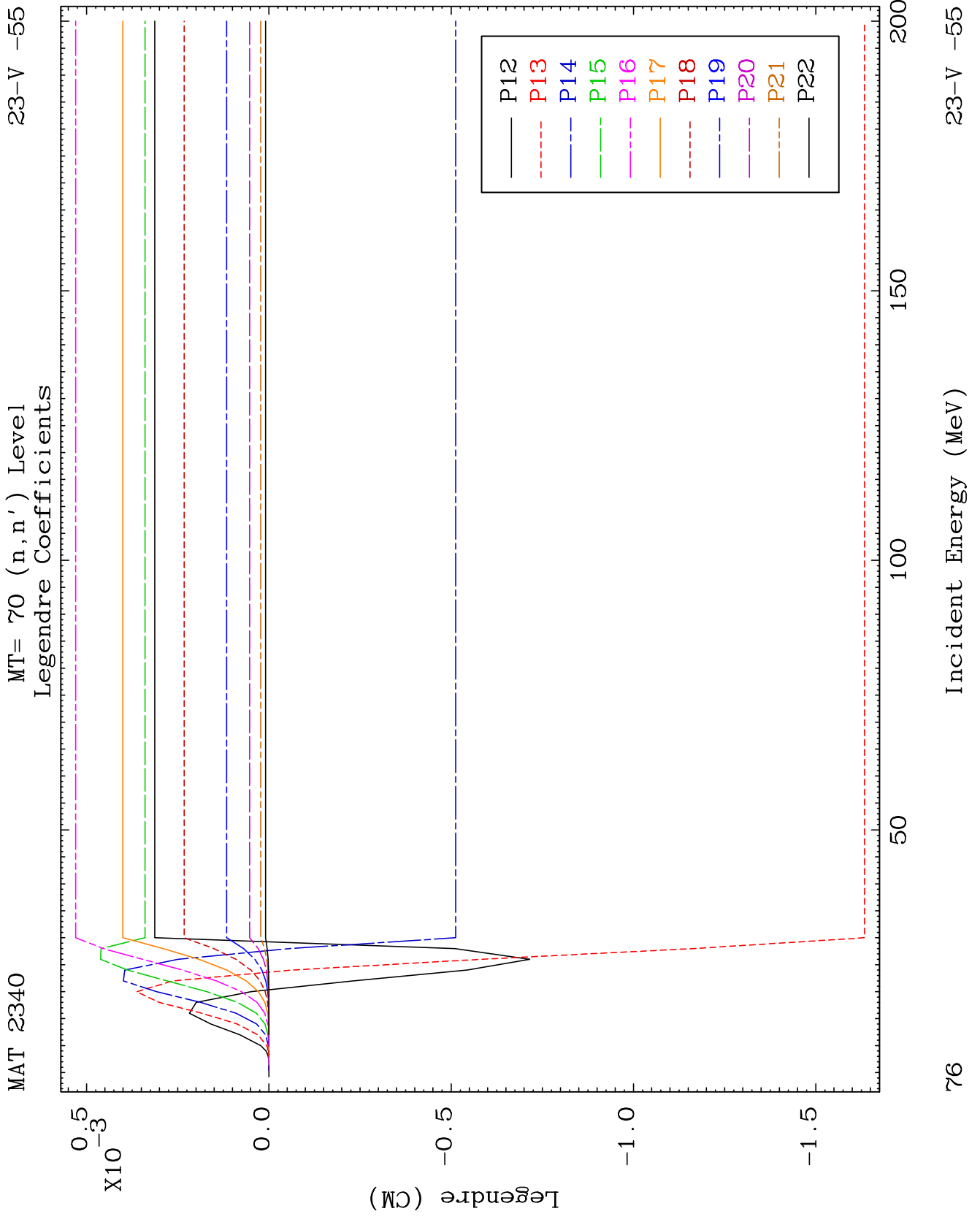
23-V -55



75

Incident Energy (MeV)

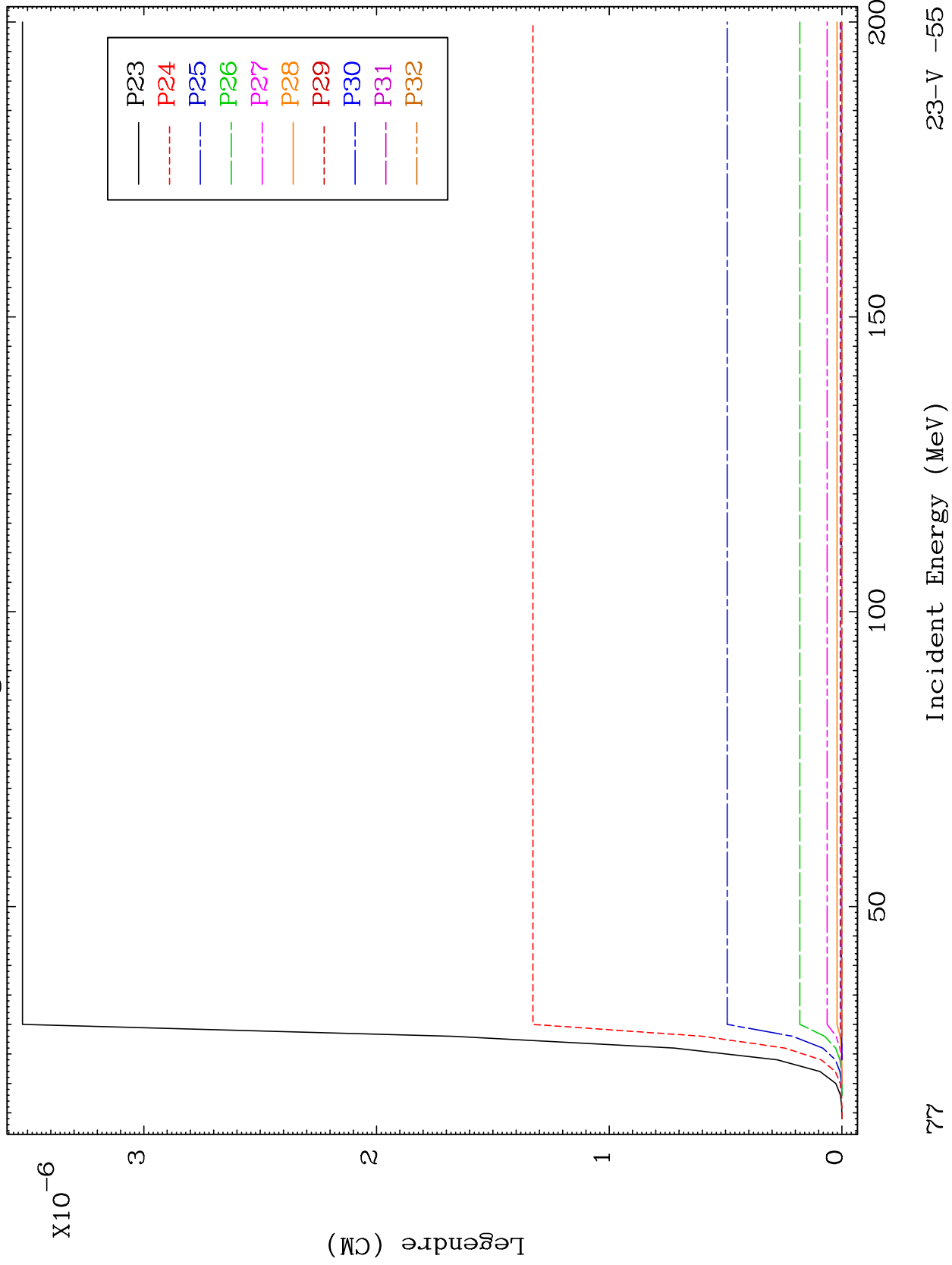
23-V -55



MAT 2340

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

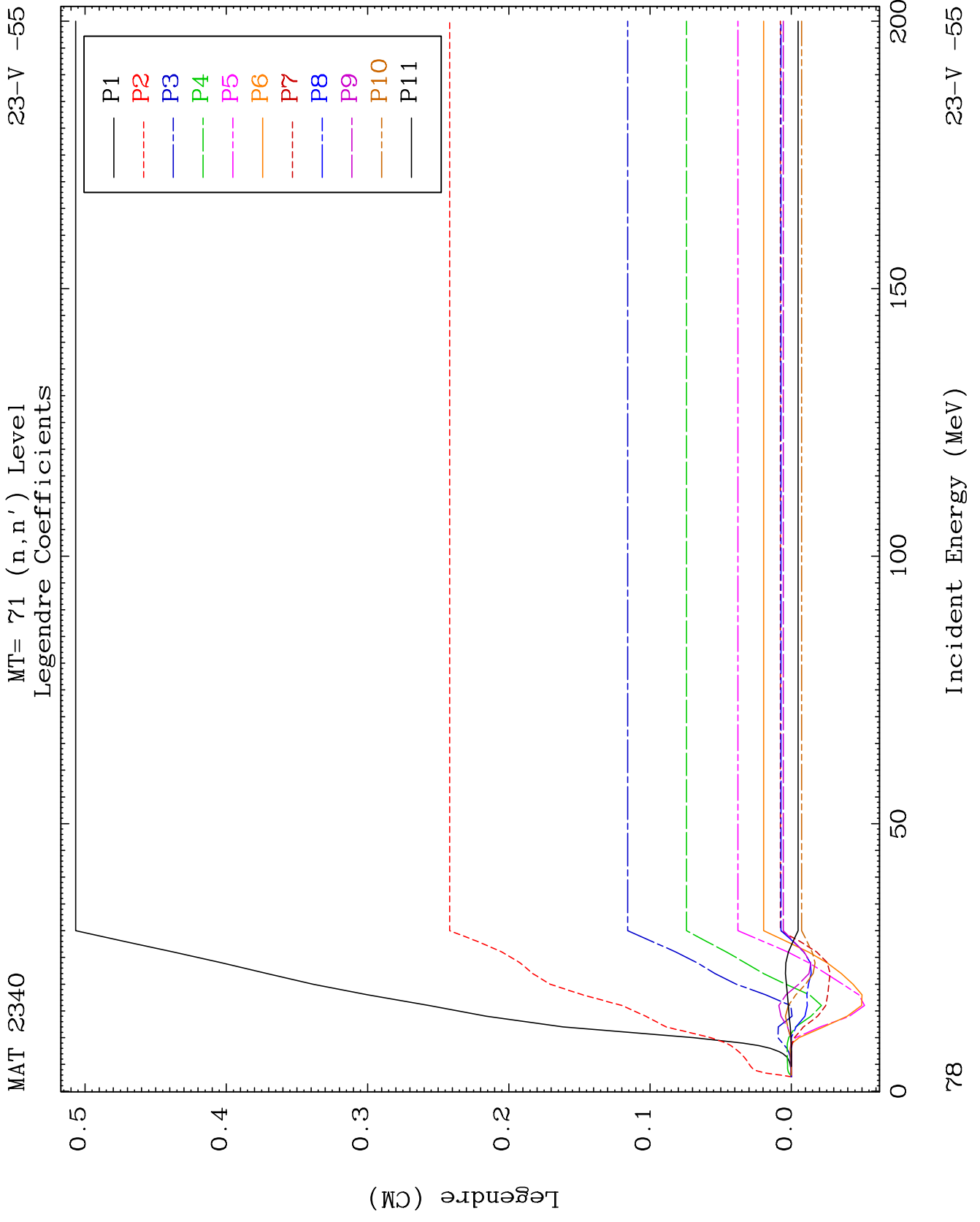
23-V -55



77

Incident Energy (MeV)

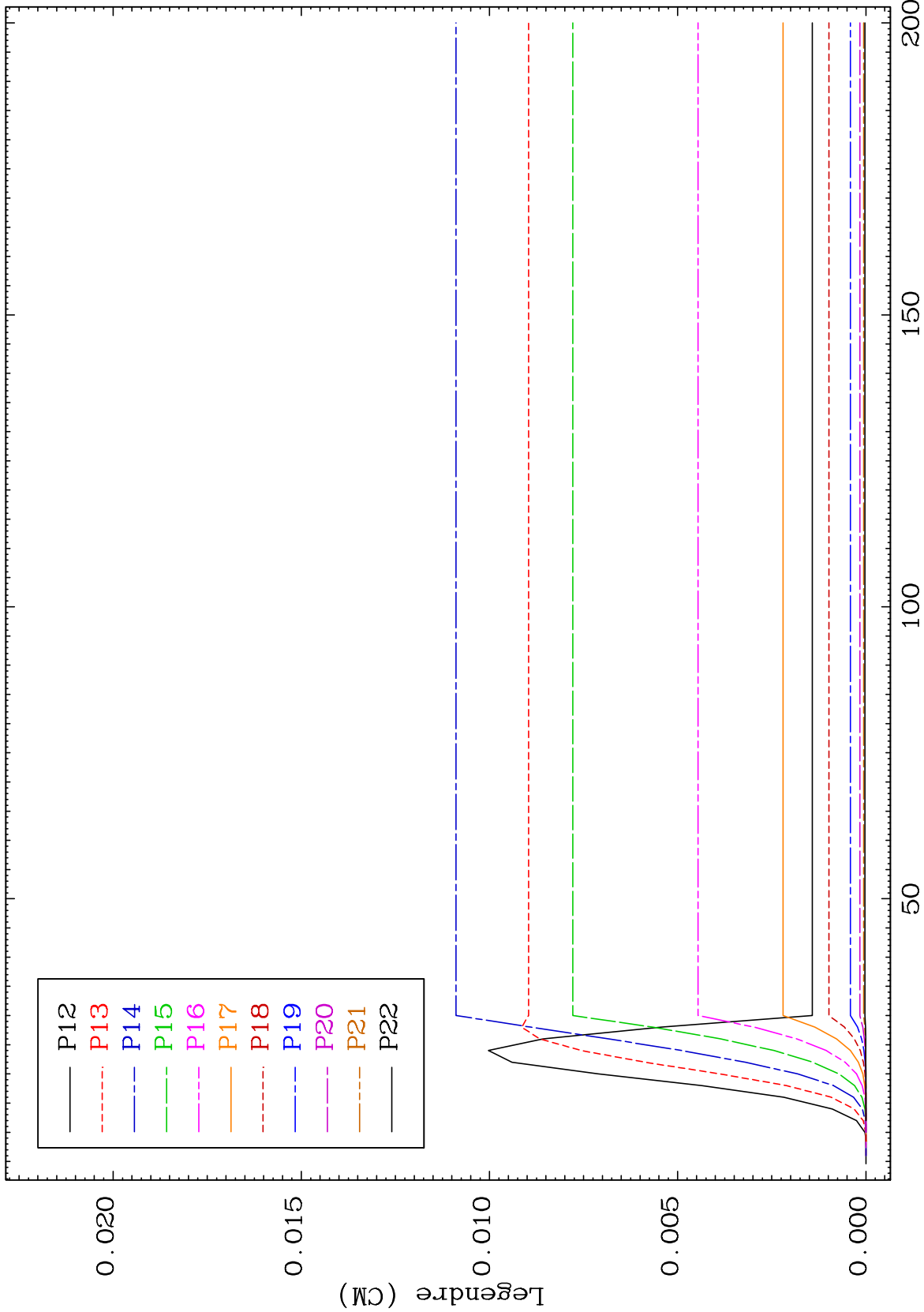
23-V -55



MAT 2340

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

23-V -55



79

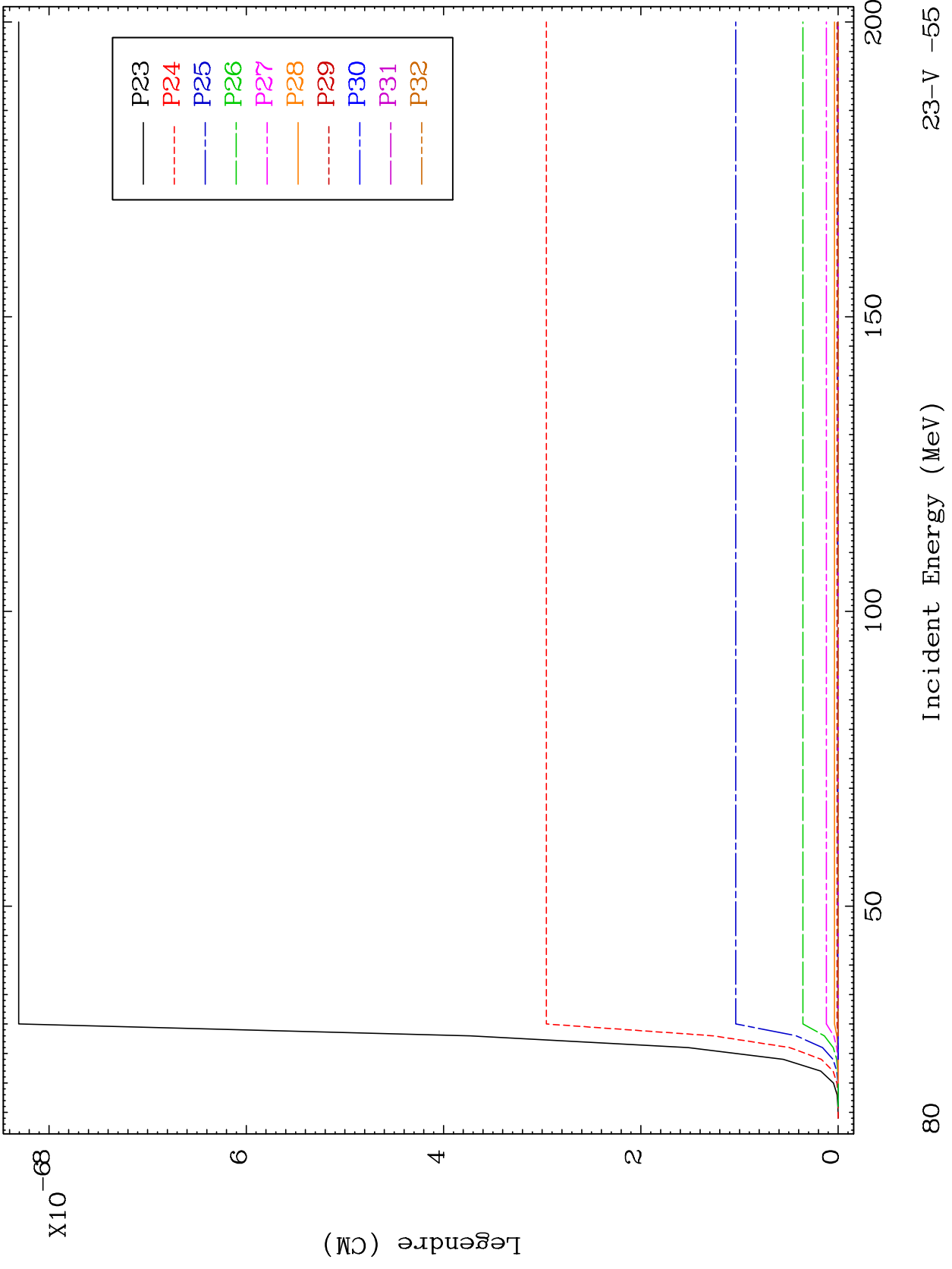
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



80

50

100

150

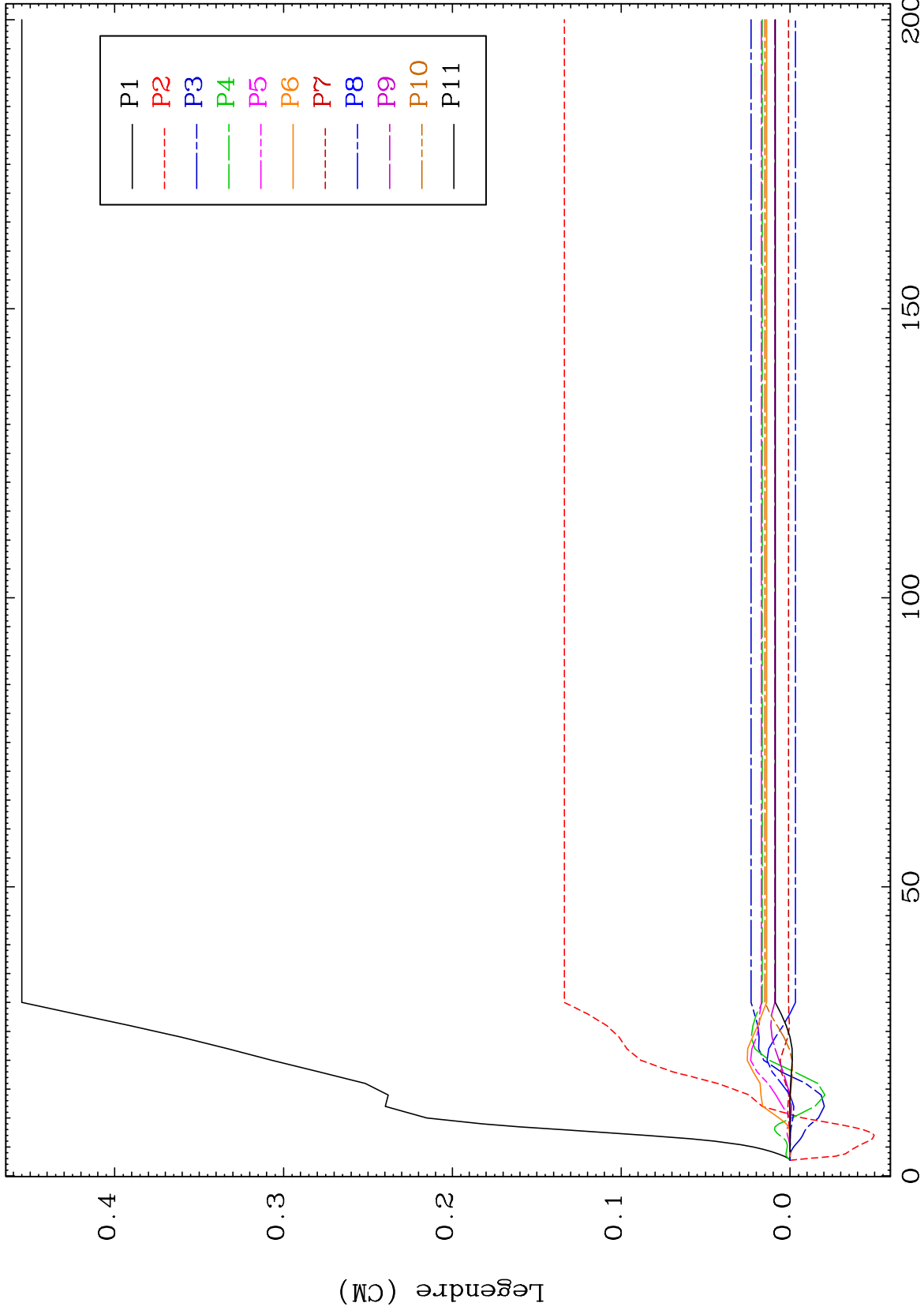
200

23-V -55

MAT 2340

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

23-V -55



81

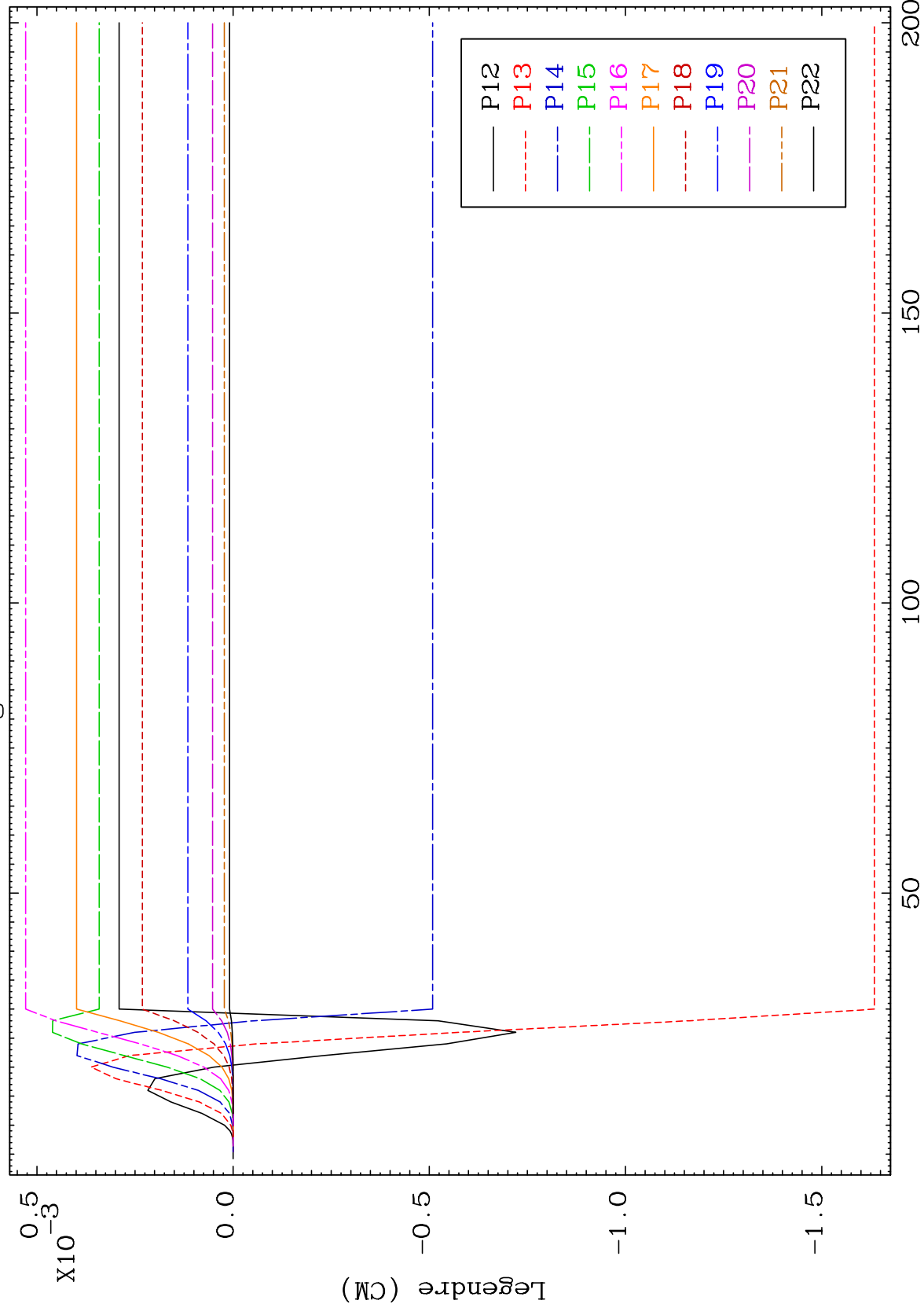
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



82

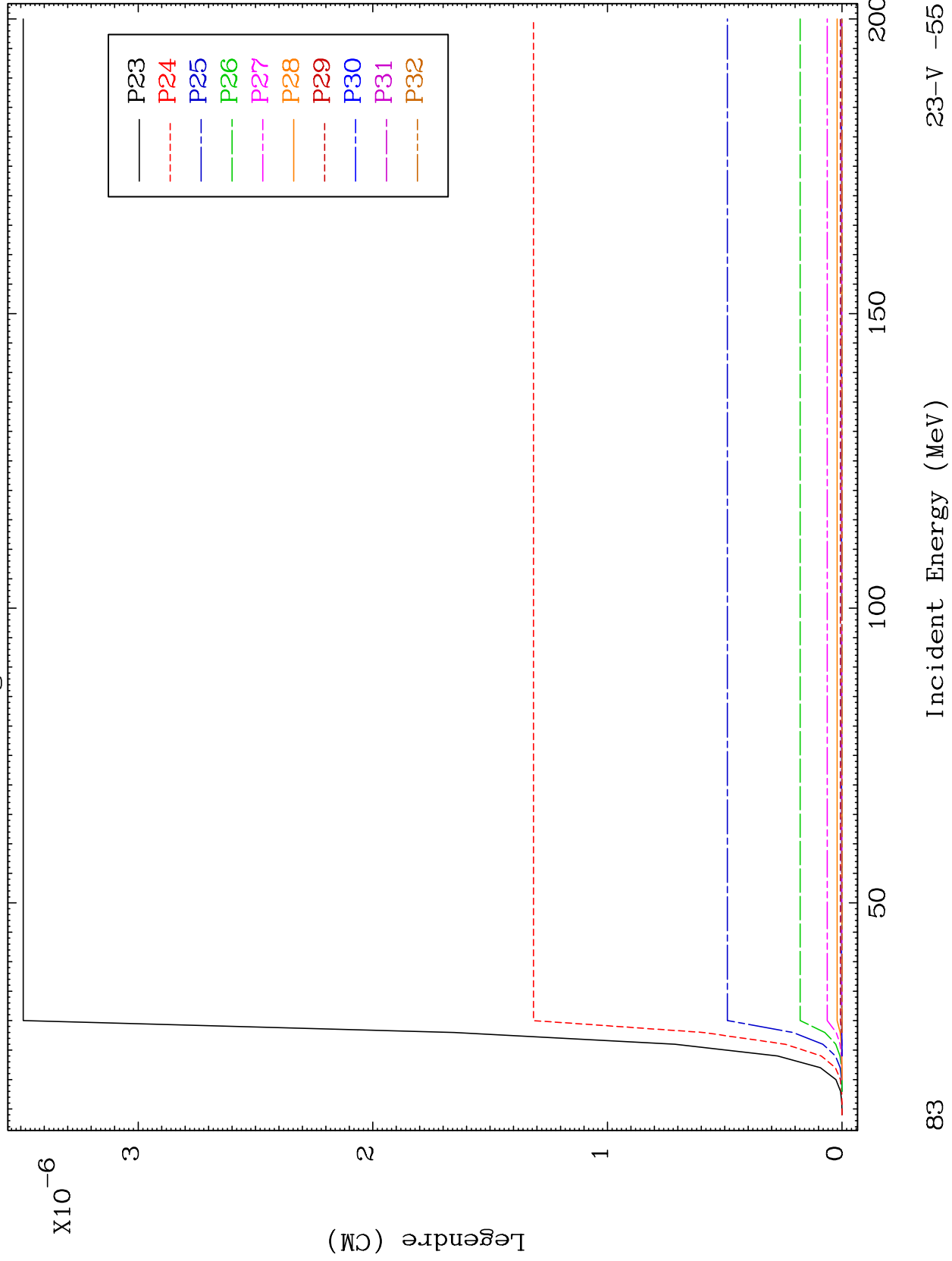
Incident Energy (MeV)

23-V -55

MAT 2340

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

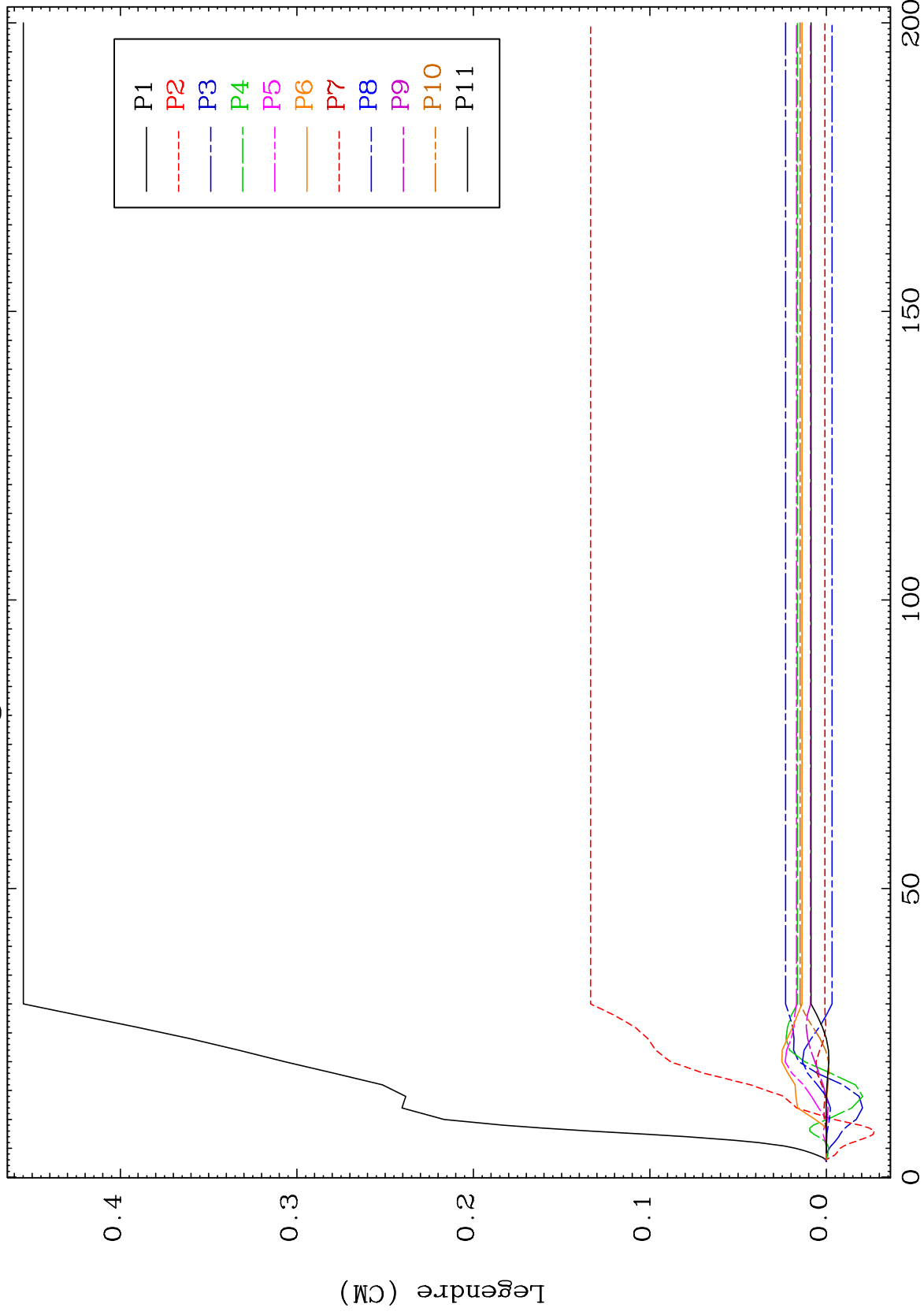
23-V -55



MAT 2340

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

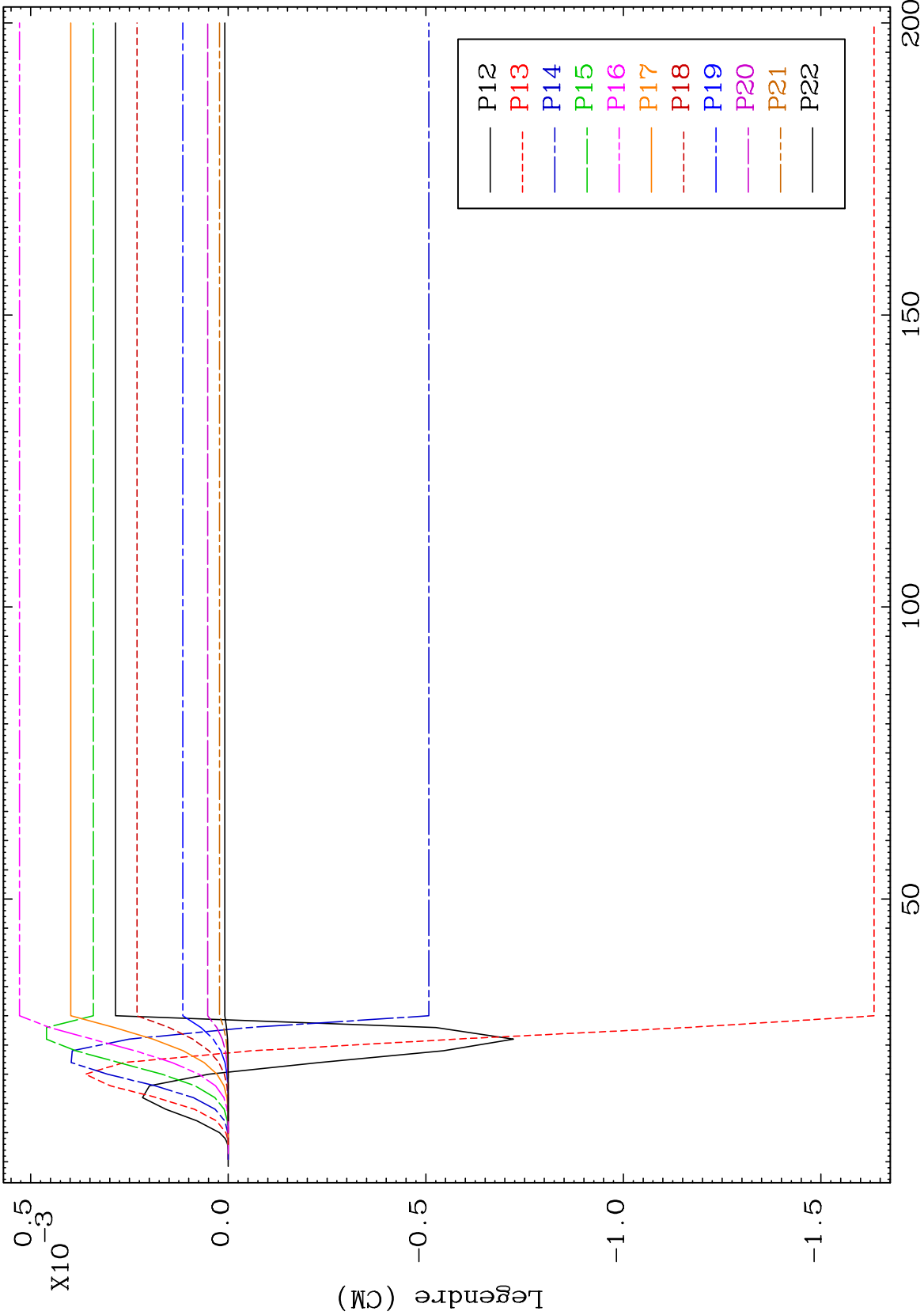
23-V -55



84

Incident Energy (MeV)

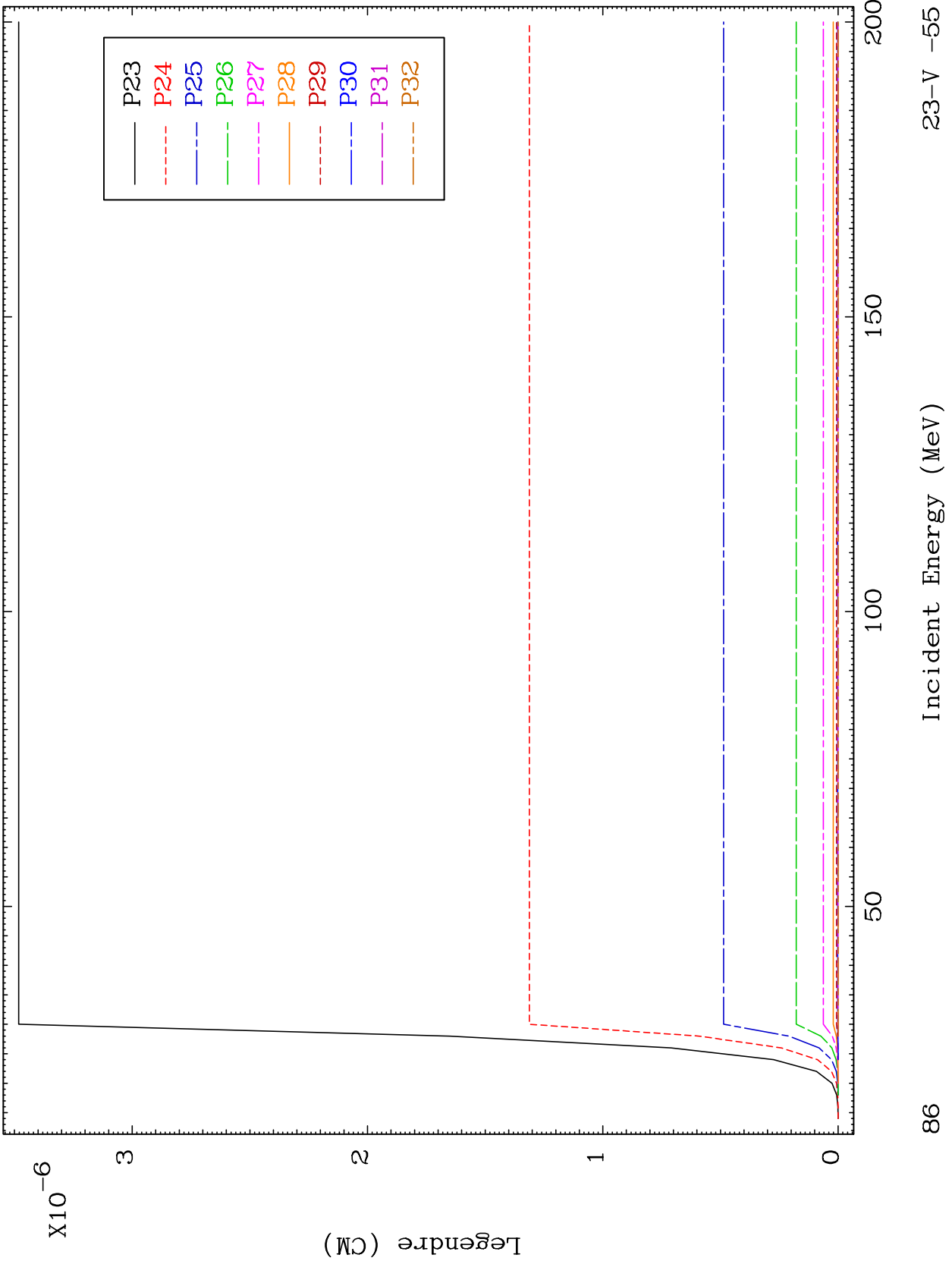
23-V -55

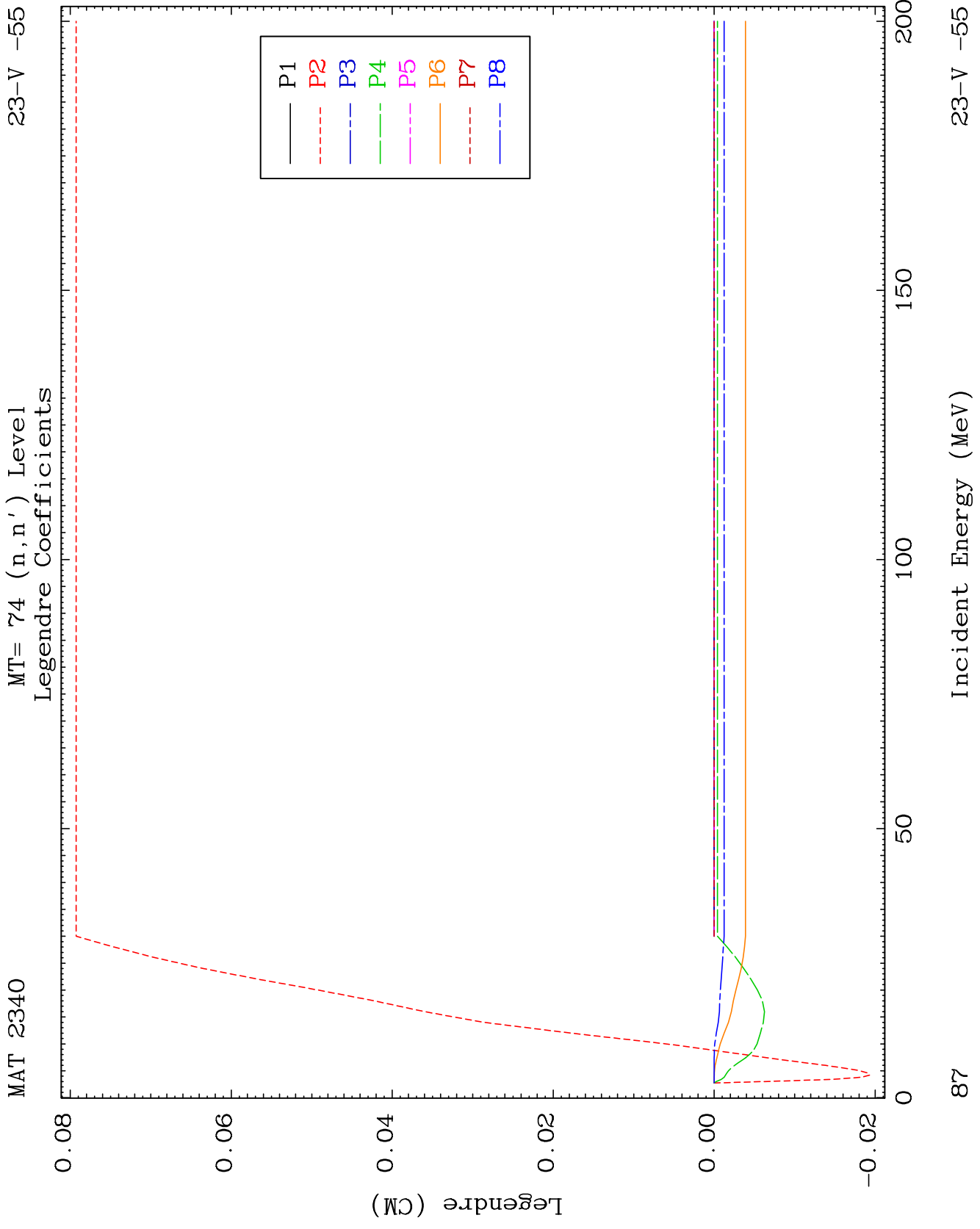


MAT 2340

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

23-V -55

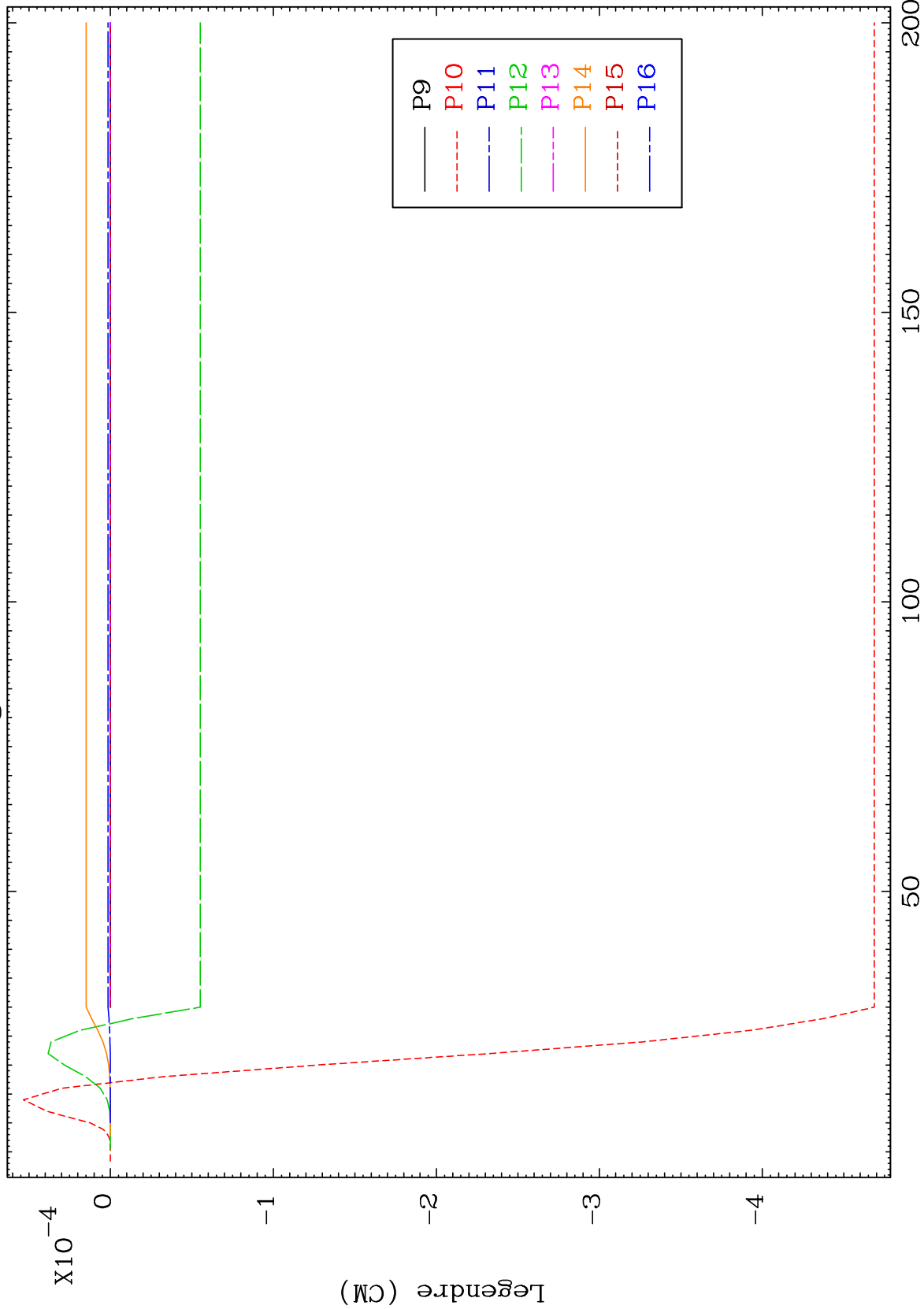




MAT 2340

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

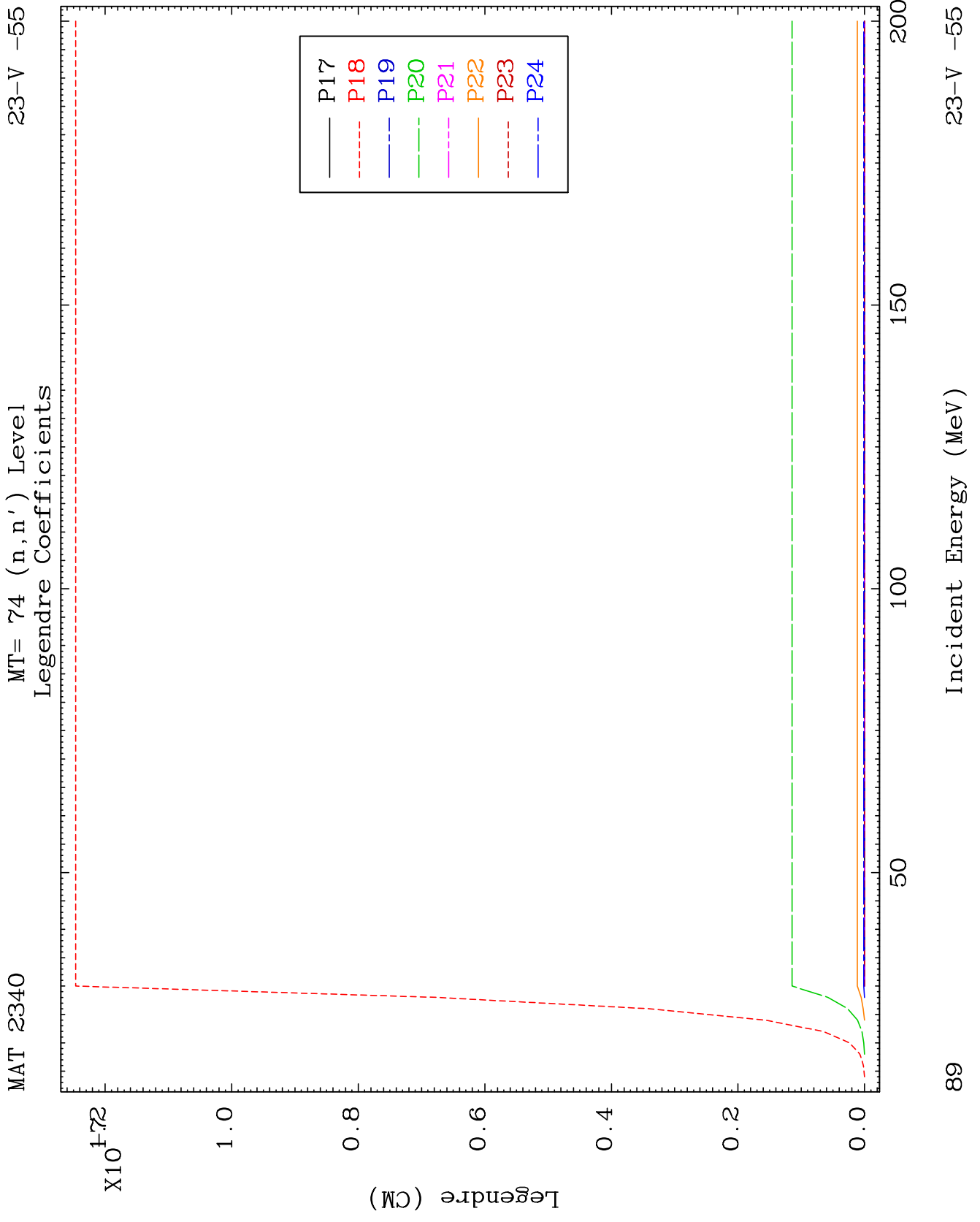
23-V -55

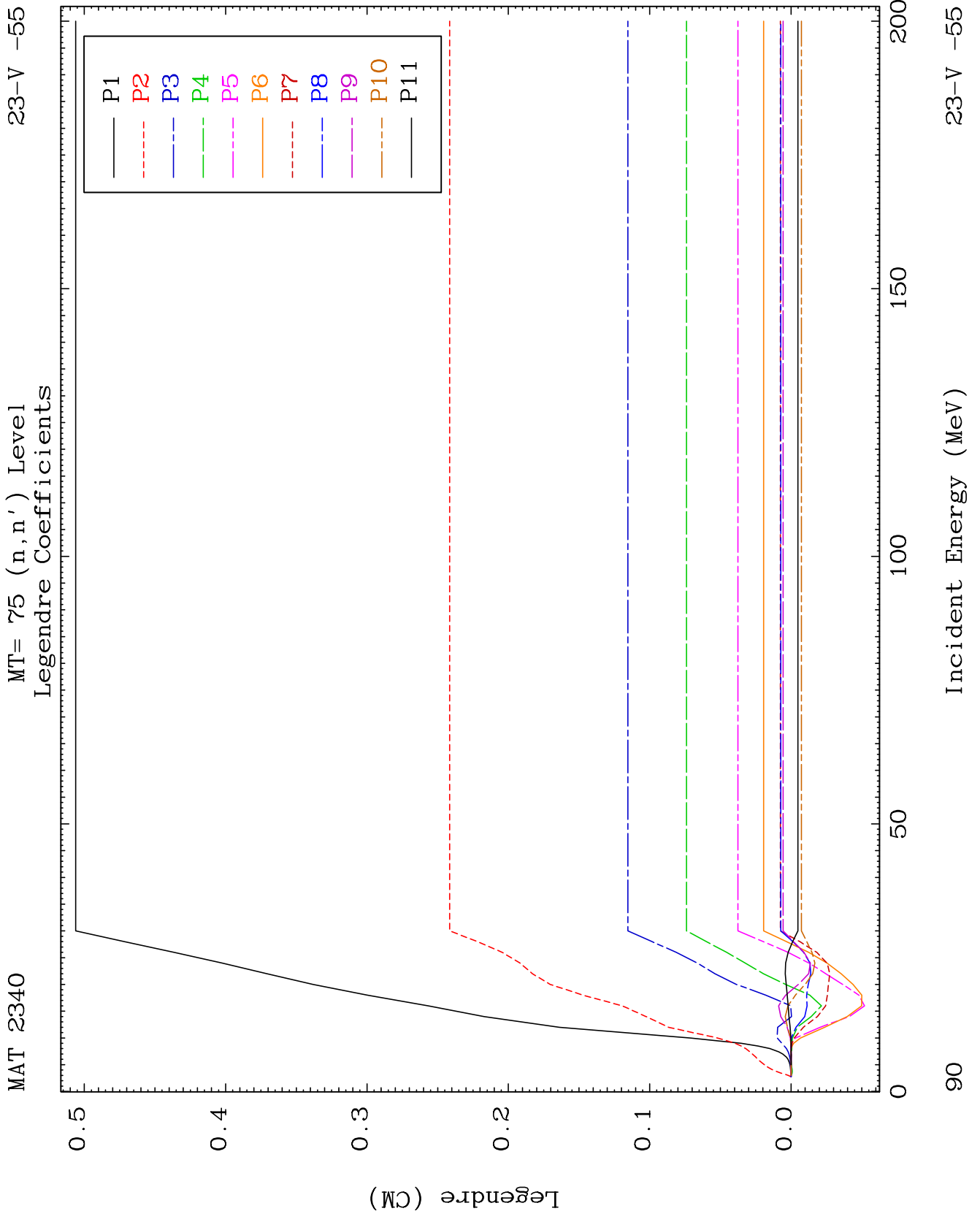


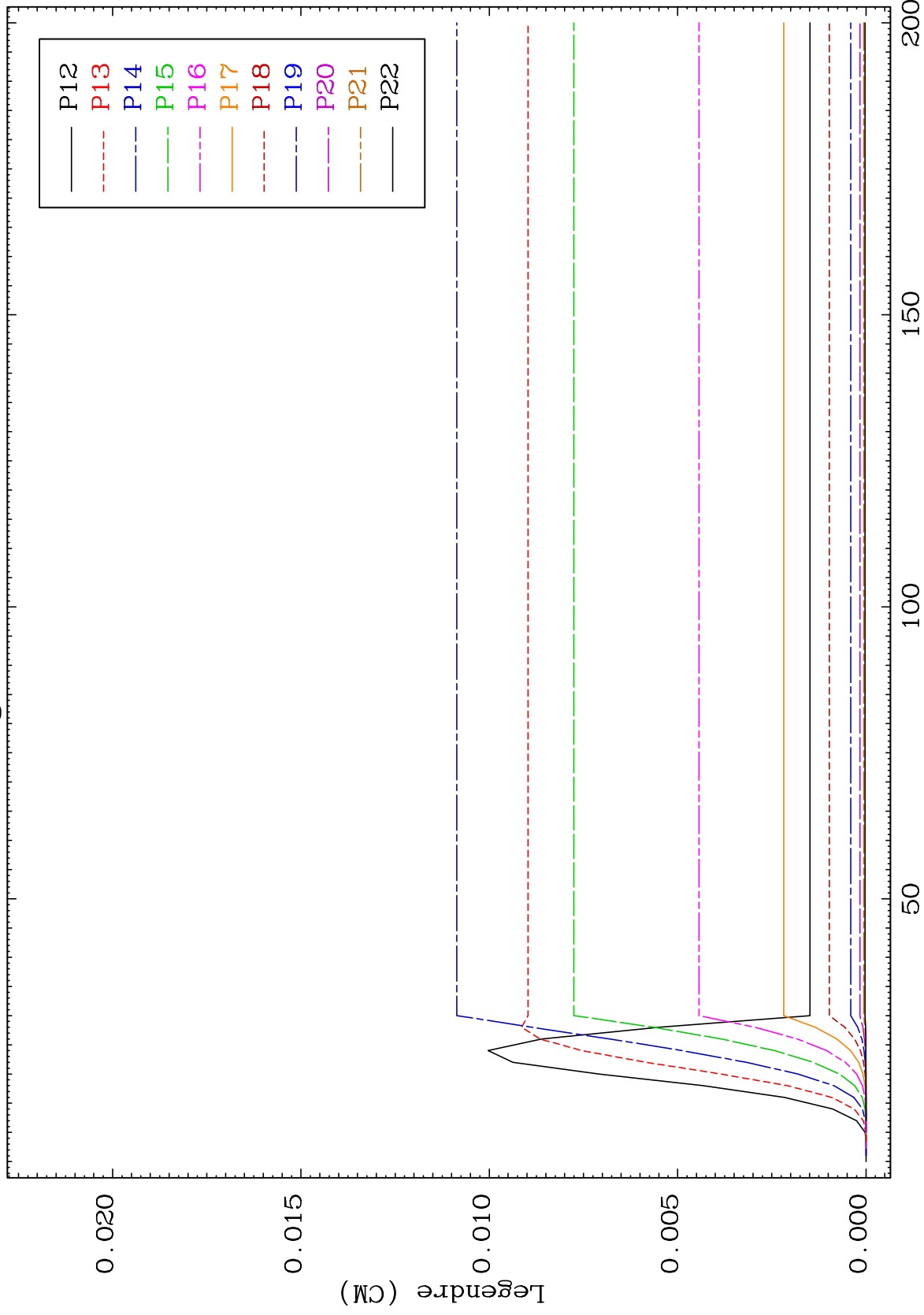
88

Incident Energy (MeV)

23-V -55



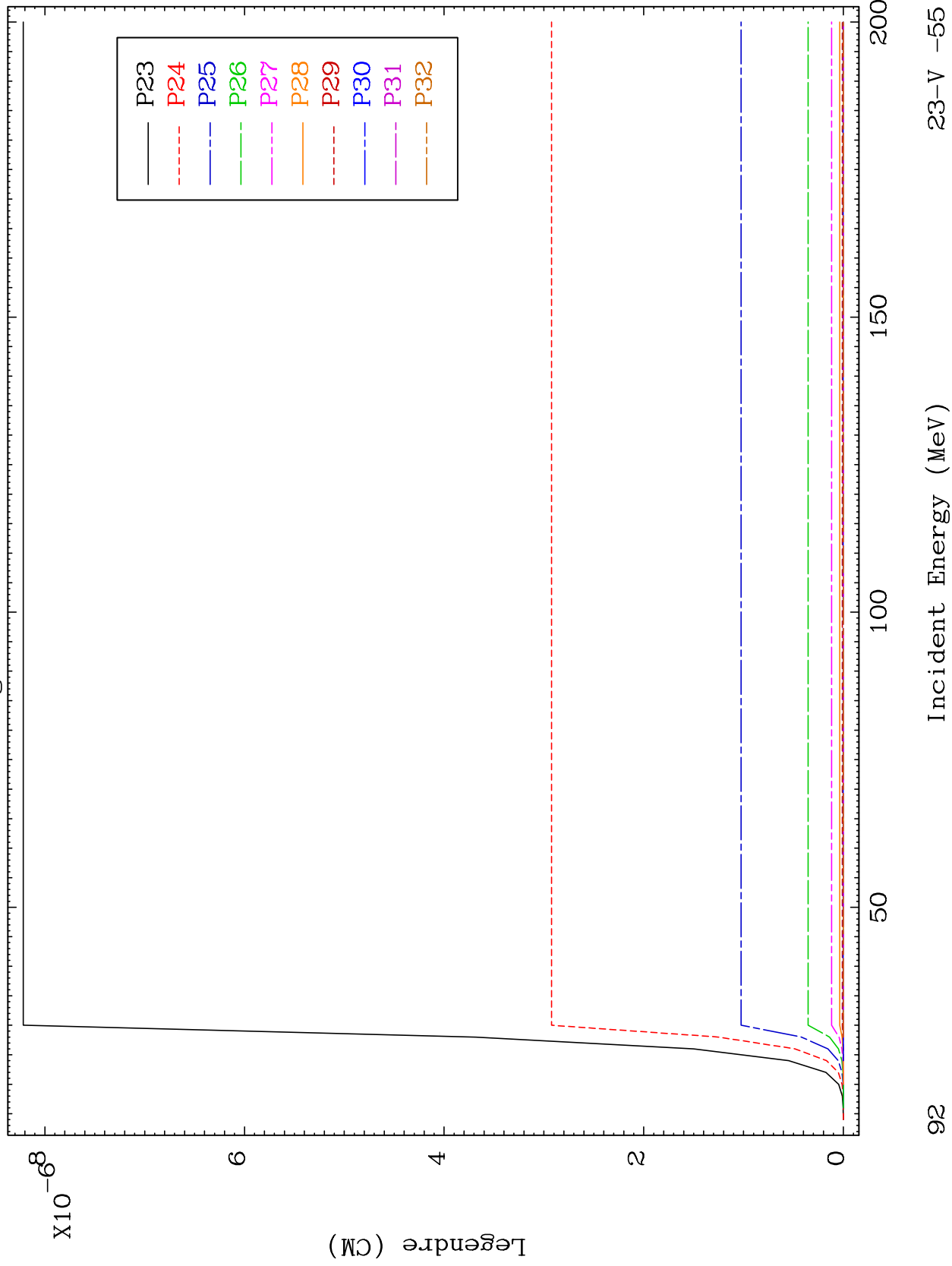




MAT 2340

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

23-V -55



92

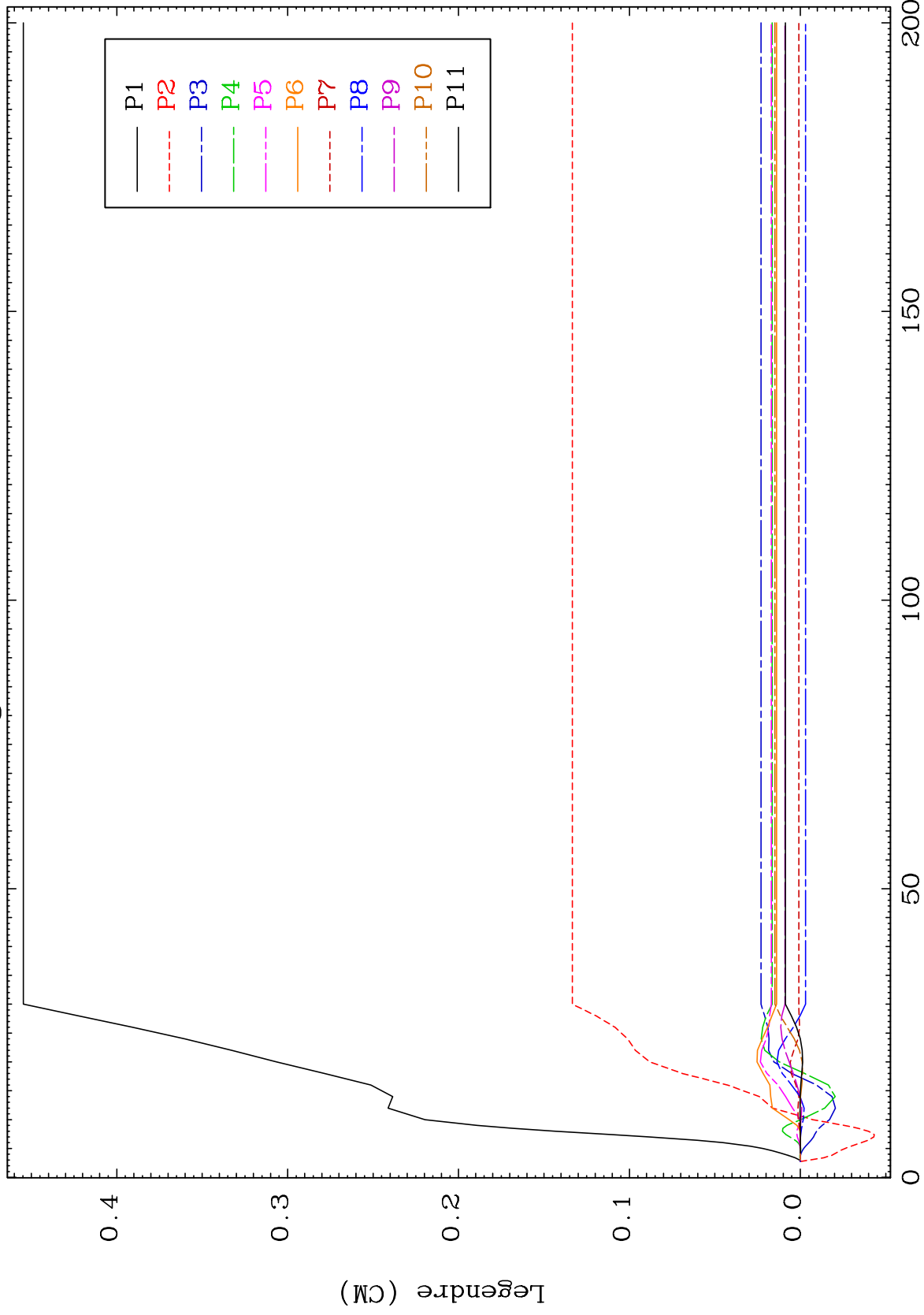
Incident Energy (MeV)

23-V -55

MAT 2340

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

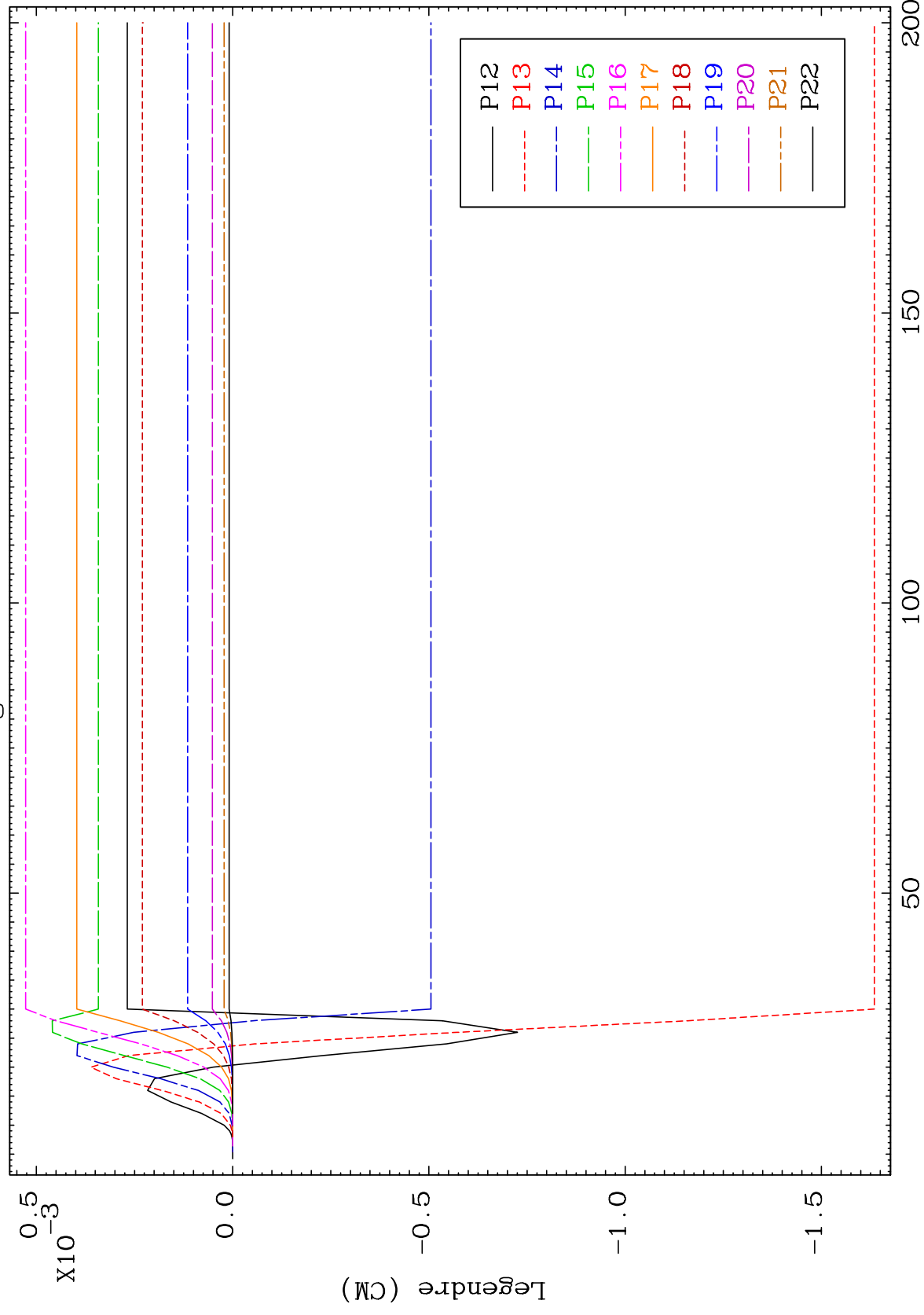
23-V -55



23-V -55

Incident Energy (MeV)

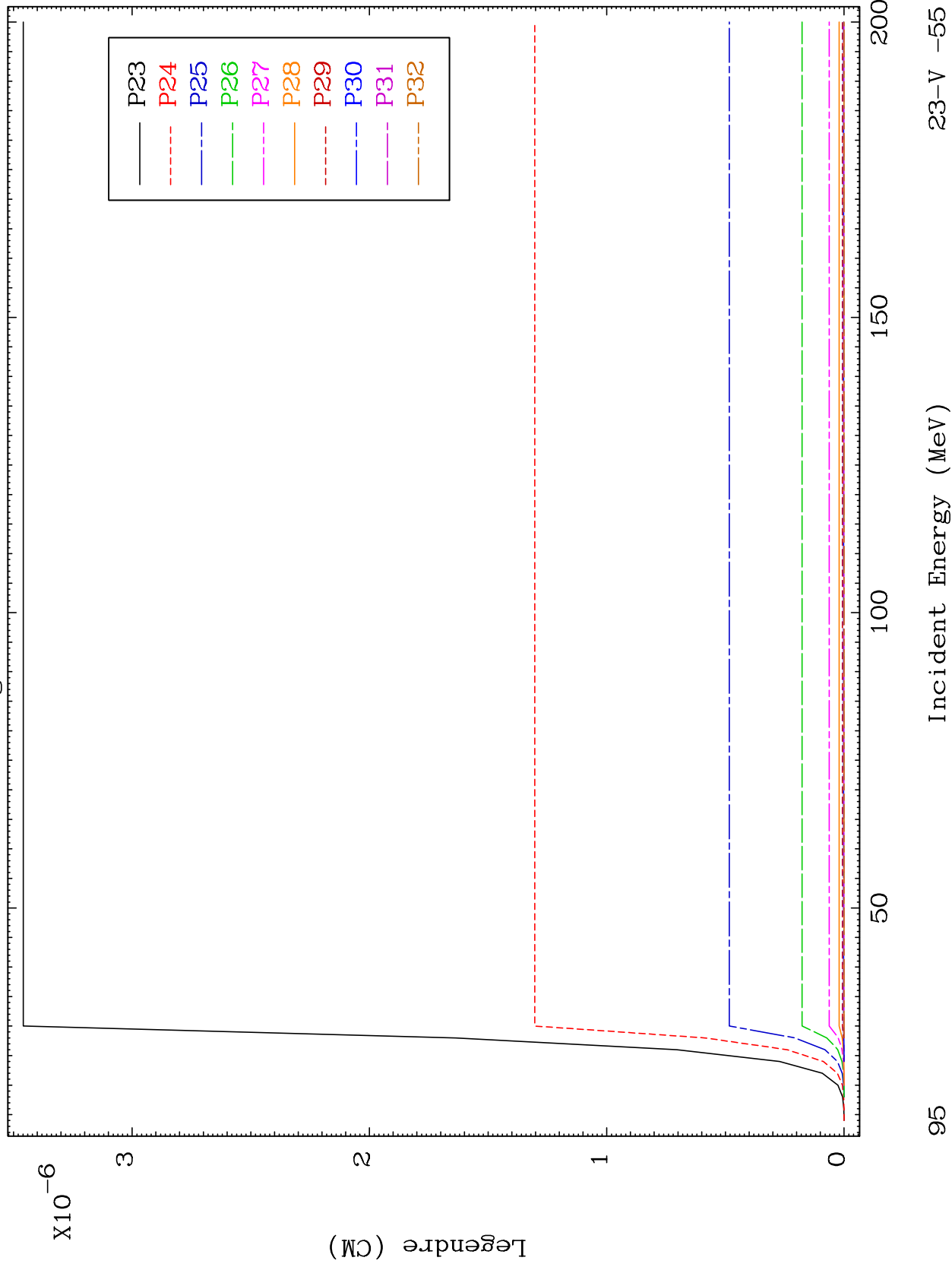
93

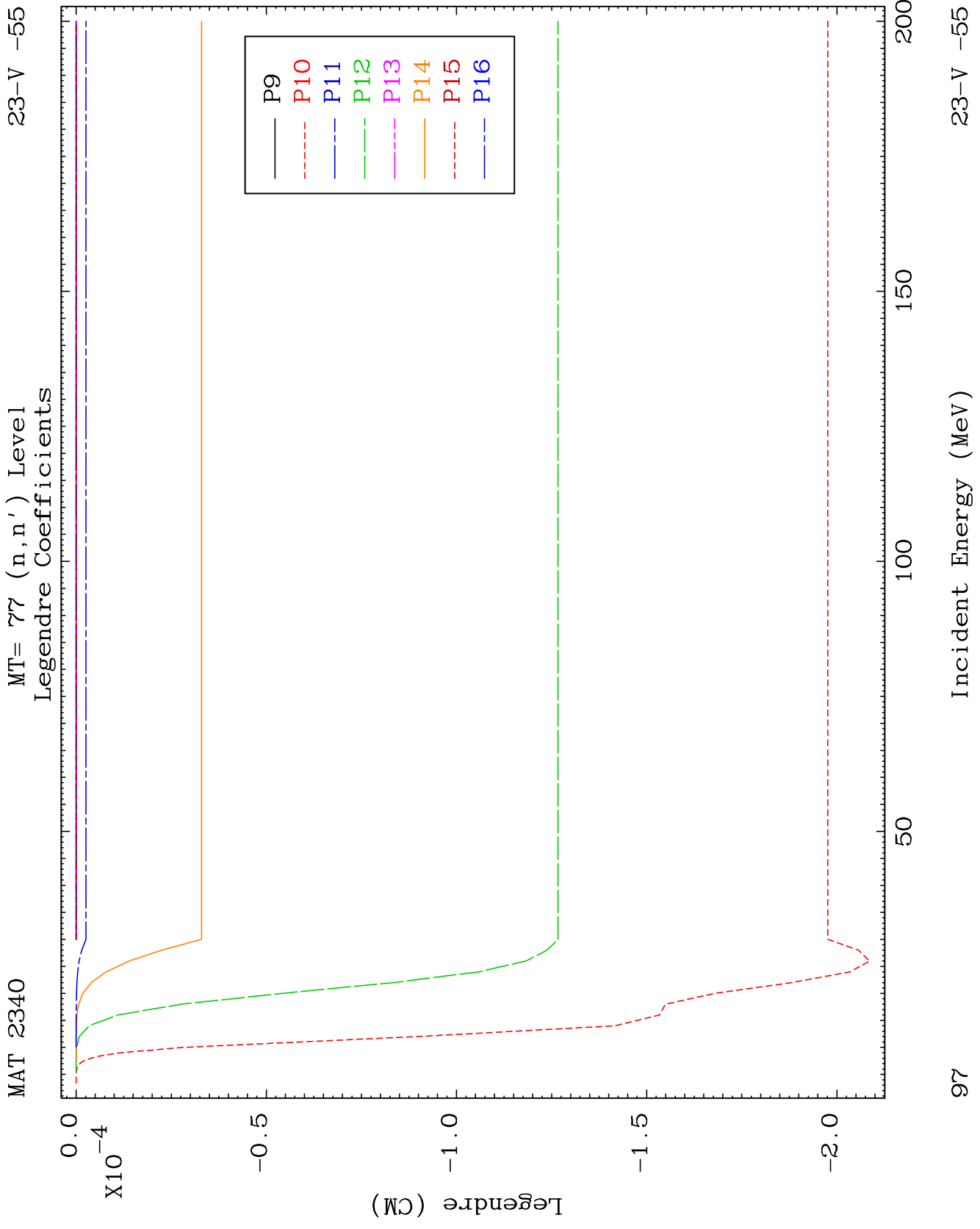


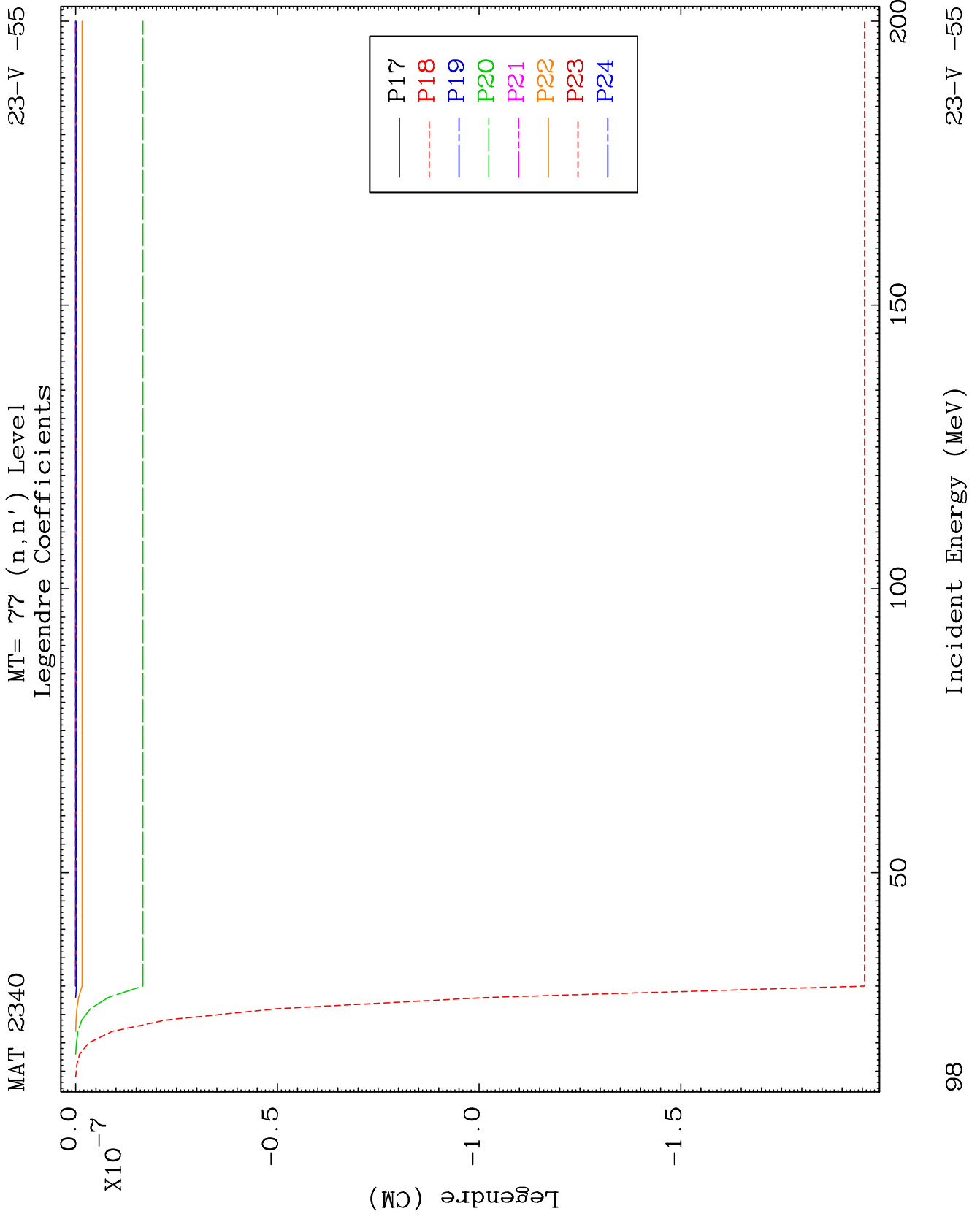
MAT 2340

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

23-V -55



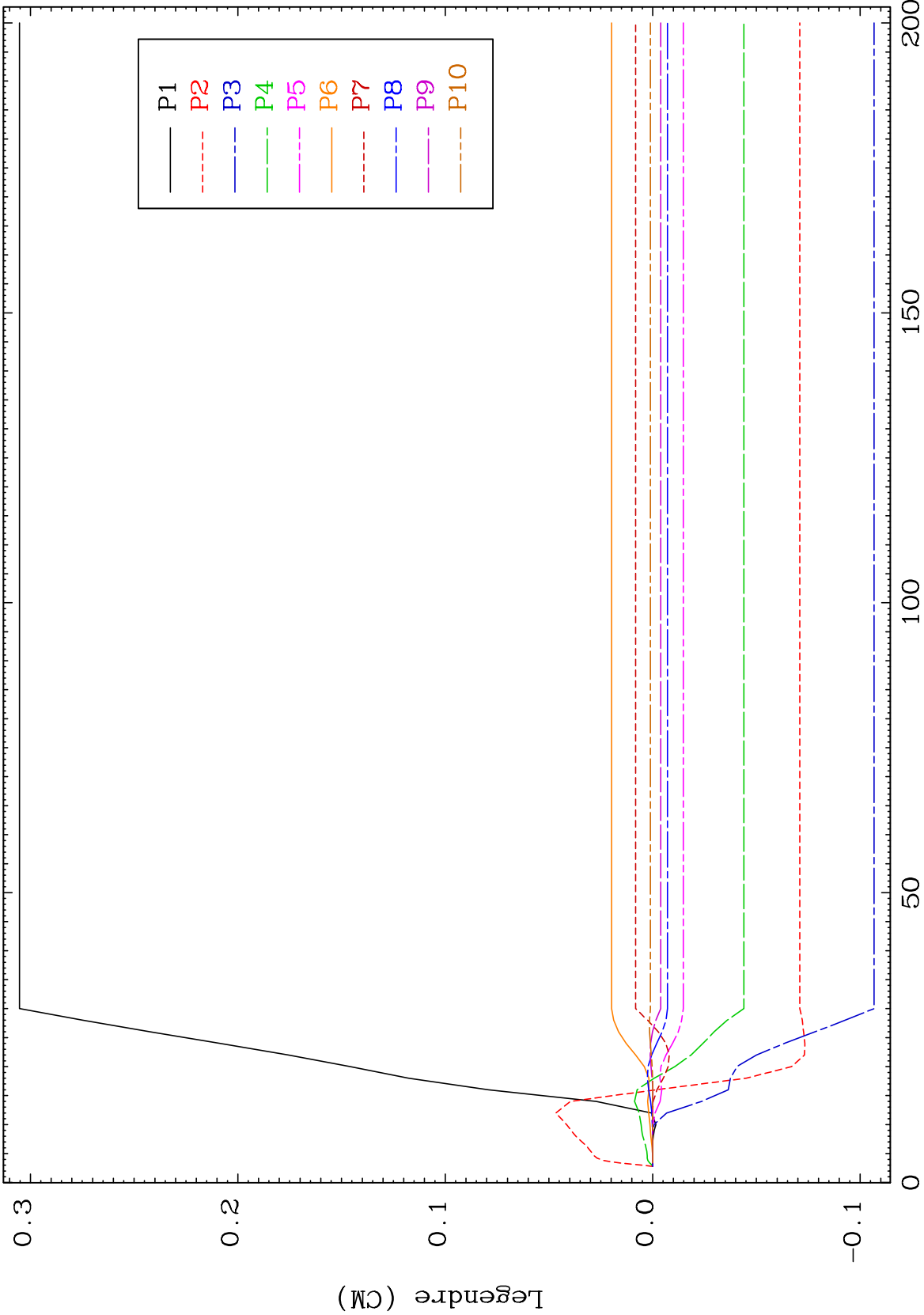




MAT 2340

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

23-V -55



99

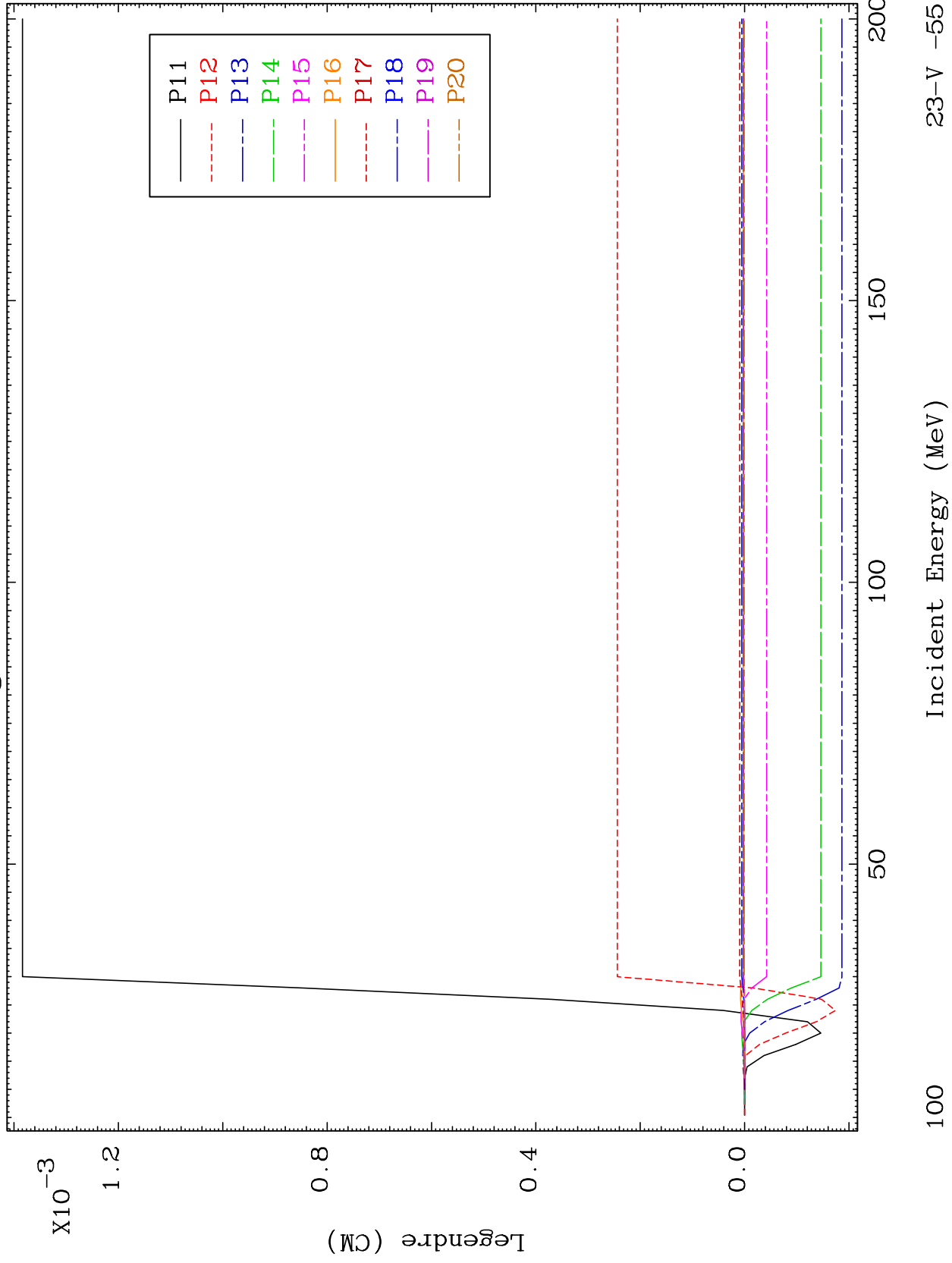
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



23-V -55

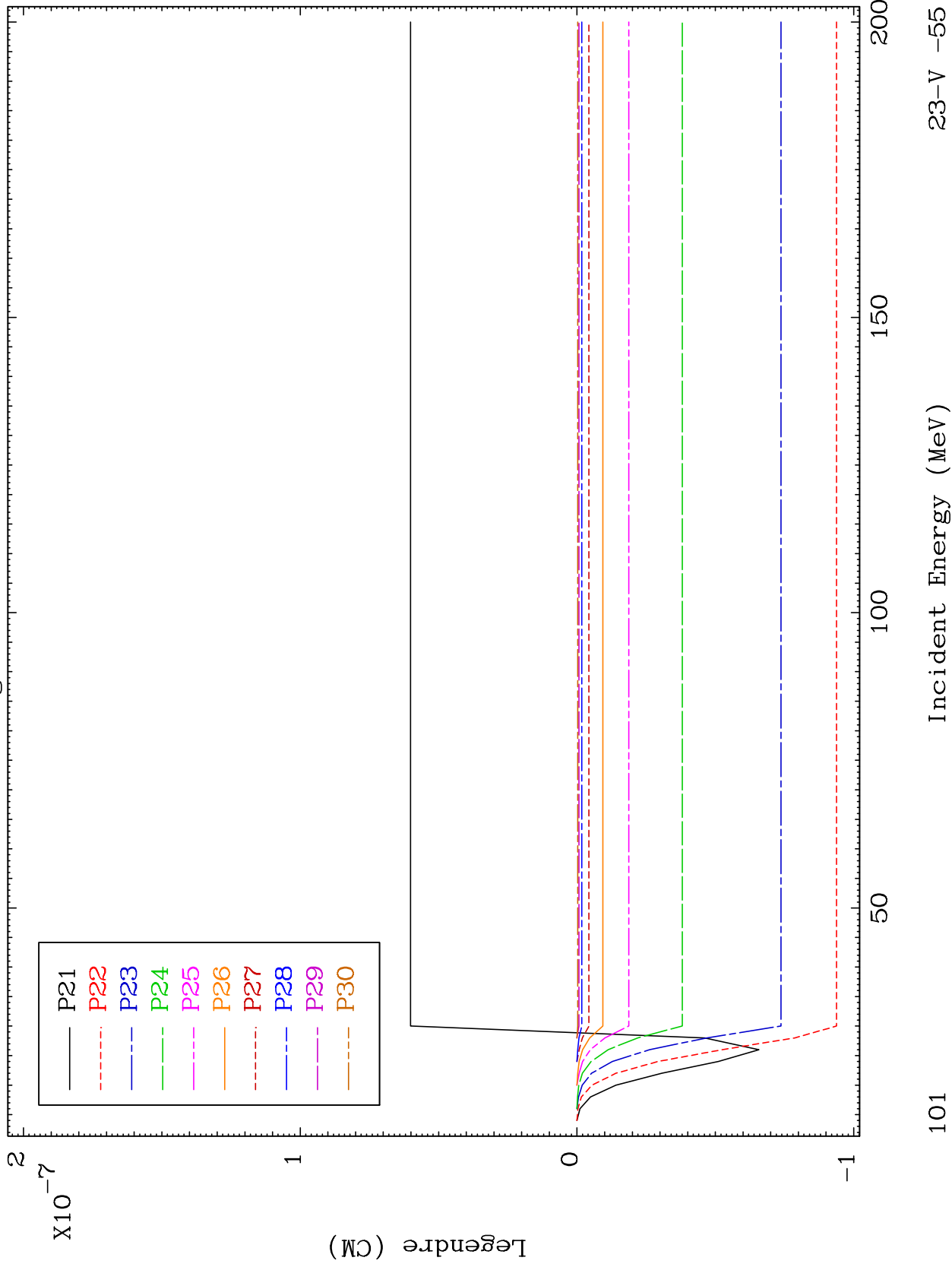
Incident Energy (MeV)

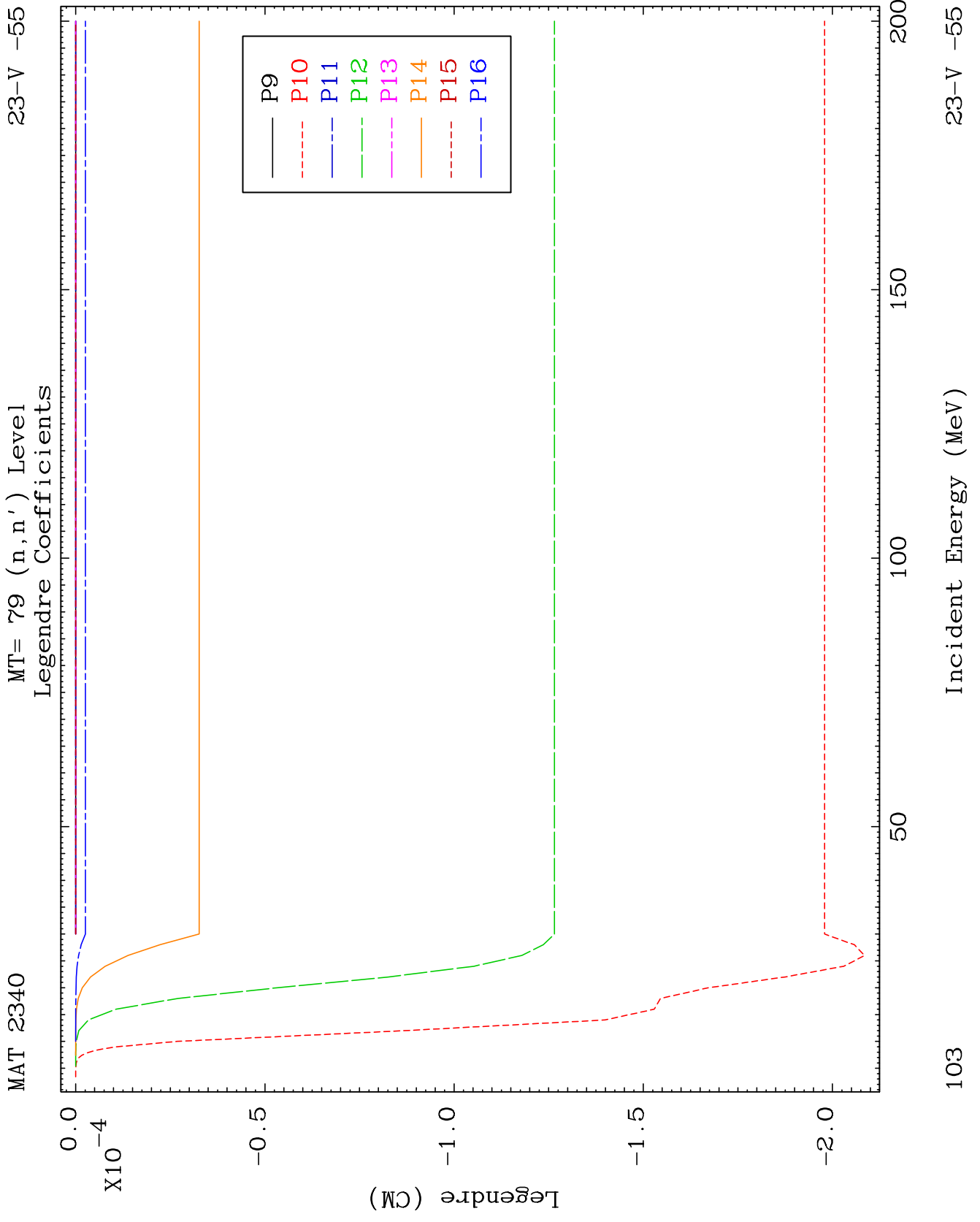
100

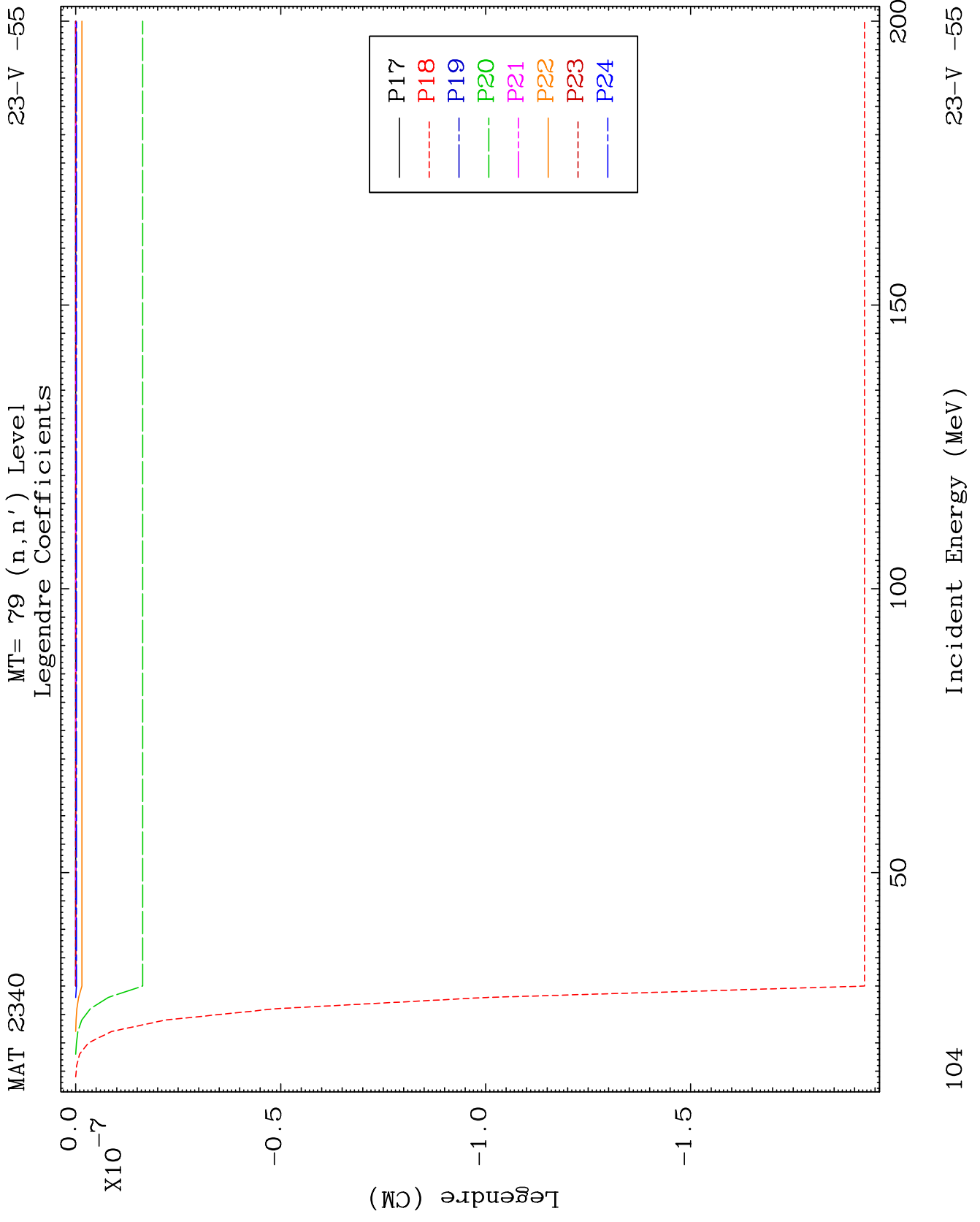
MAT 2340

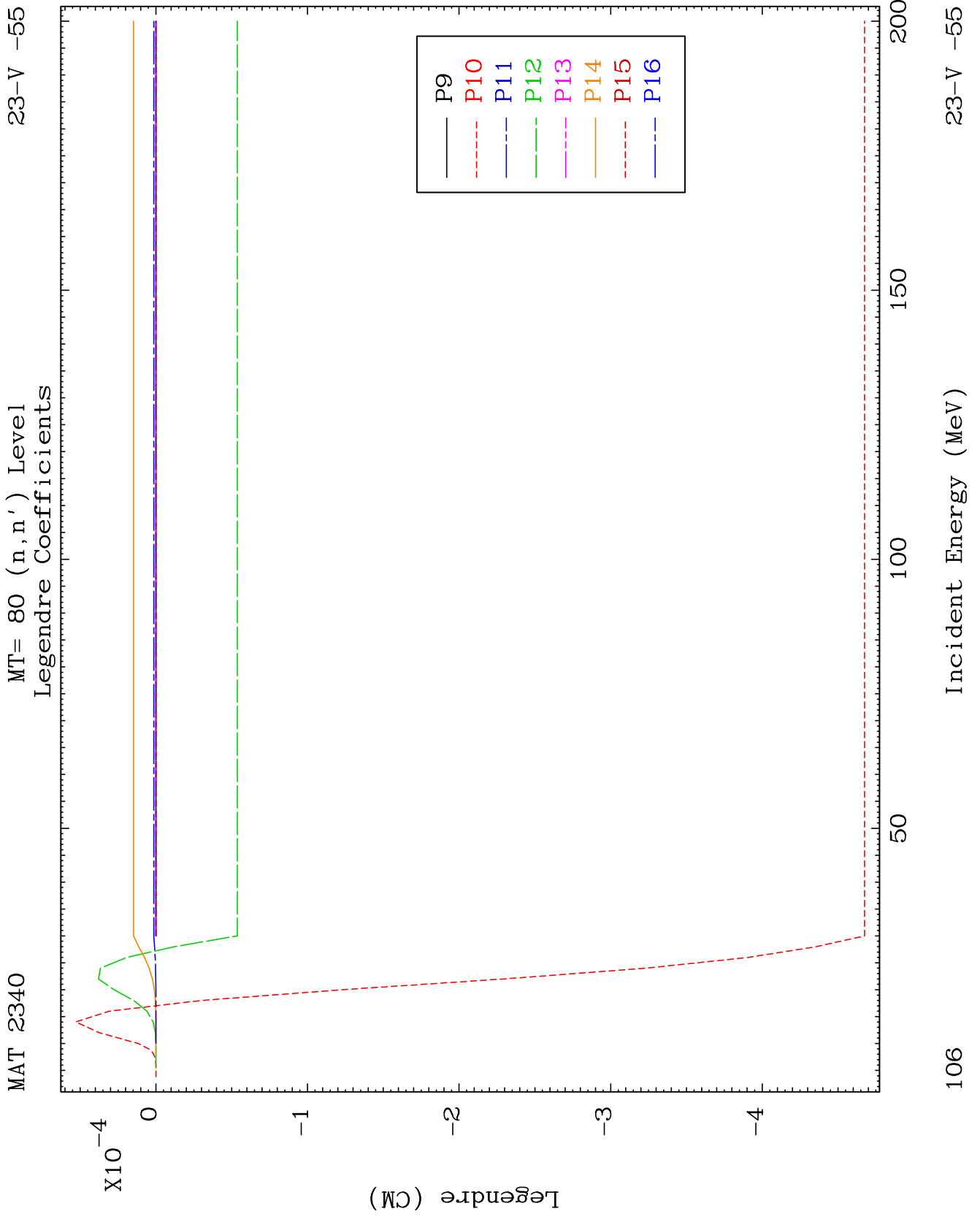
MT= 78 (n,n') Level
Legendre Coefficients

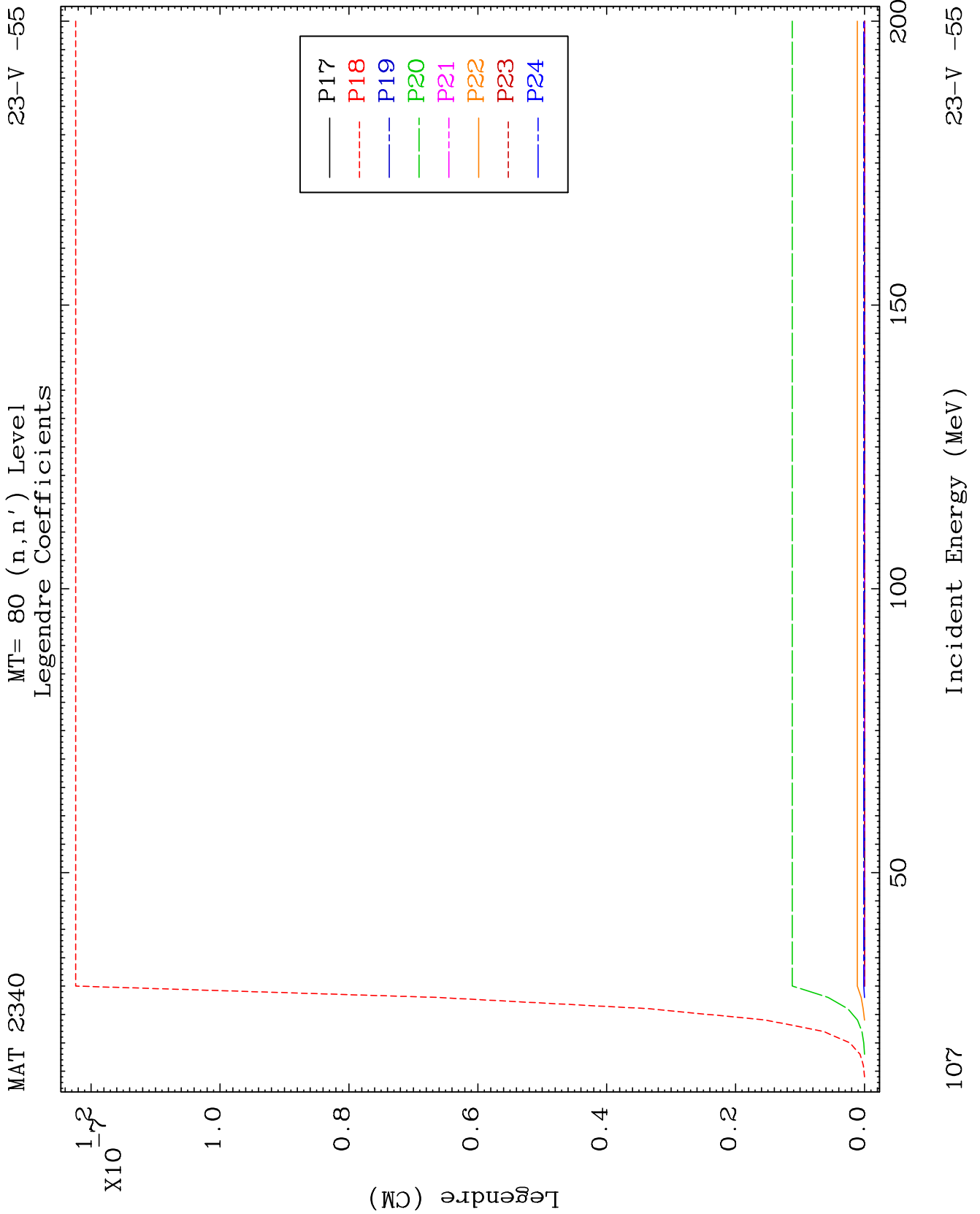
23-V -55



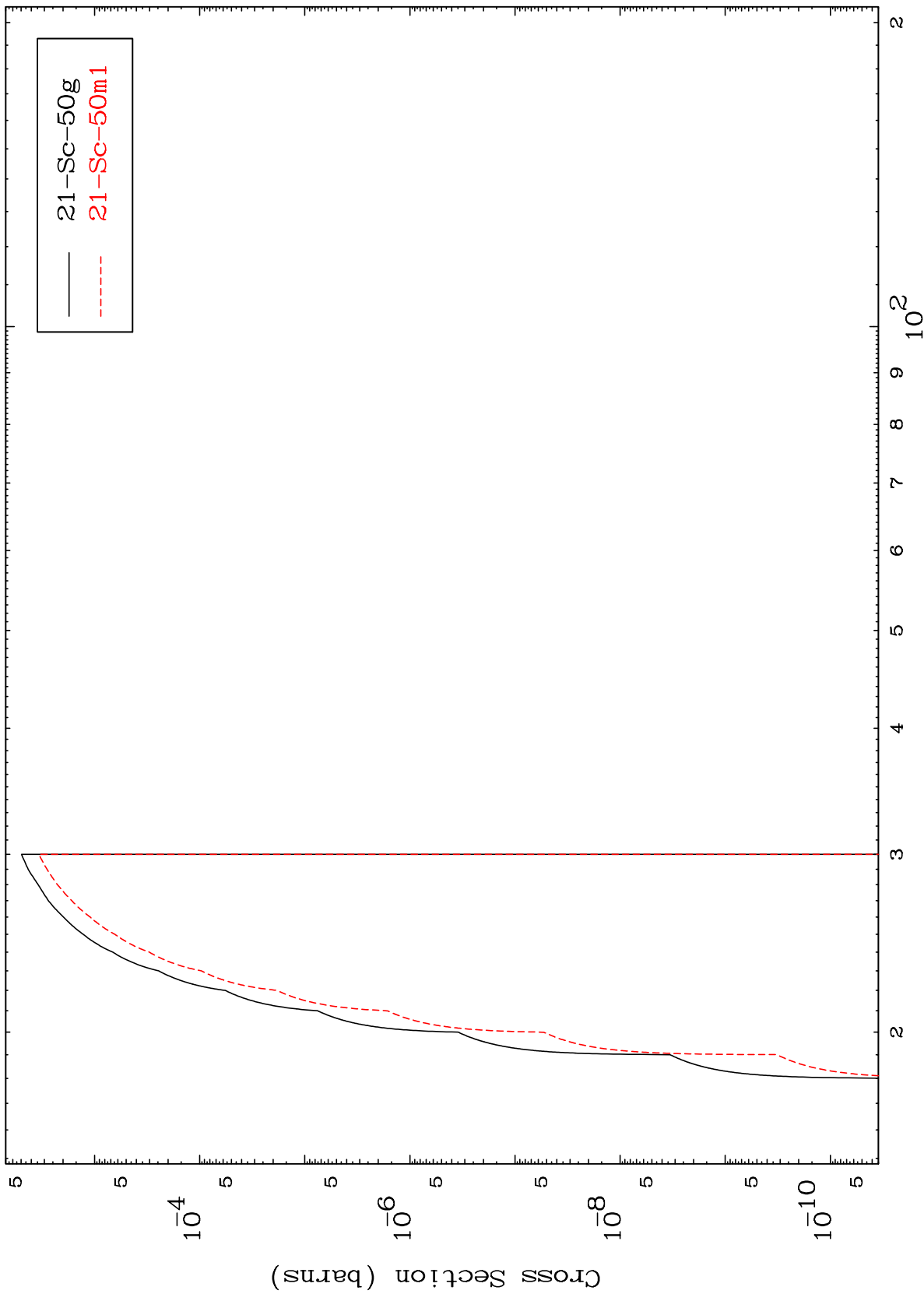








Radionuclide Production Cross Section



— 21-Sc-50g
- - - 21-Sc-50ml