

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

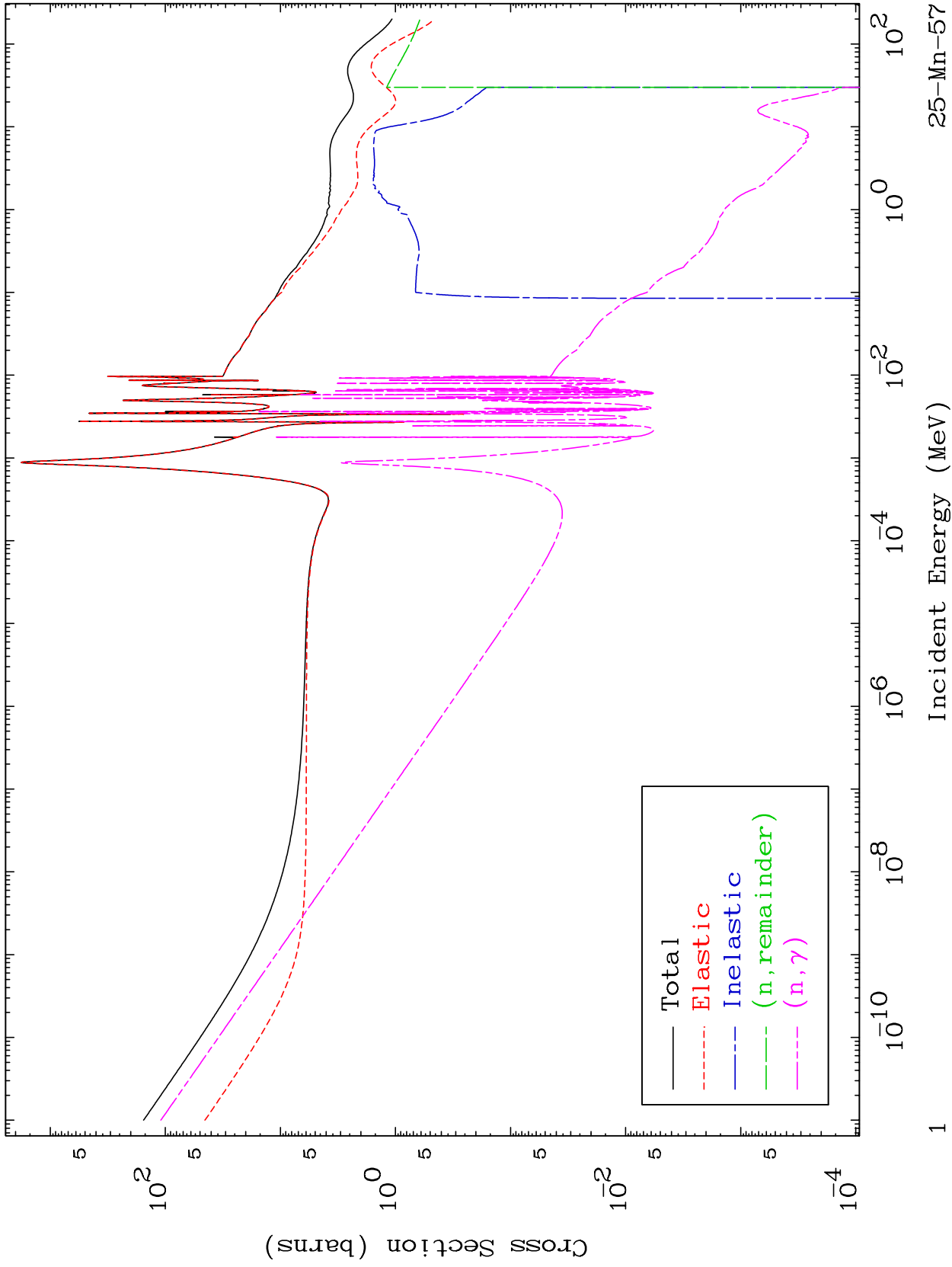
Press Mouse Button to Start

MAT 2531

Major

293 Kelvin Cross Sections

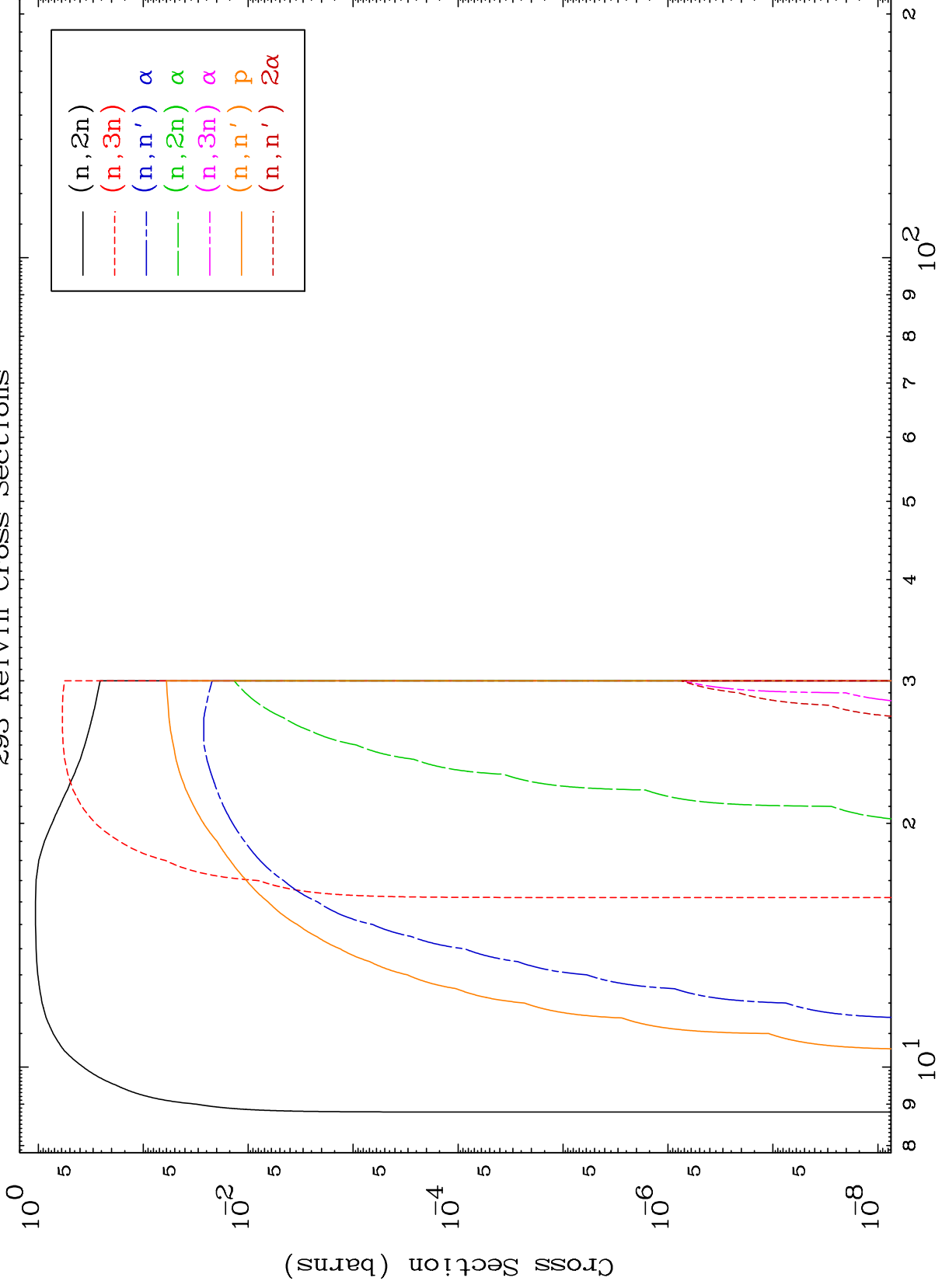
25-Mn-57



MAT 2531

Neutron Production
293 Kelvin Cross Sections

25-Mn-57



2

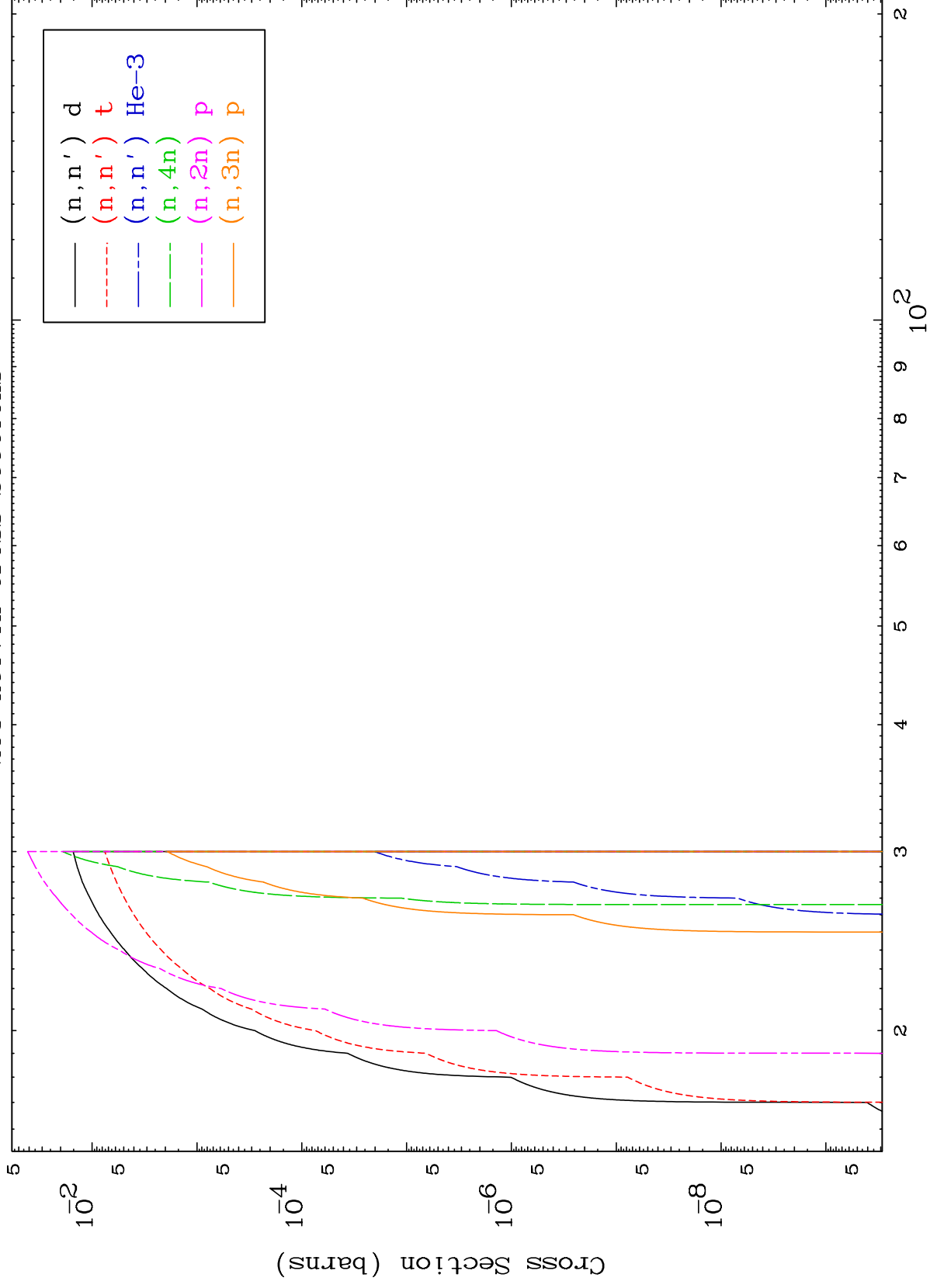
Incident Energy (MeV)

25-Mn-57

MAT 2531

Neutron Production
293 Kelvin Cross Sections

25-Mn-57



3

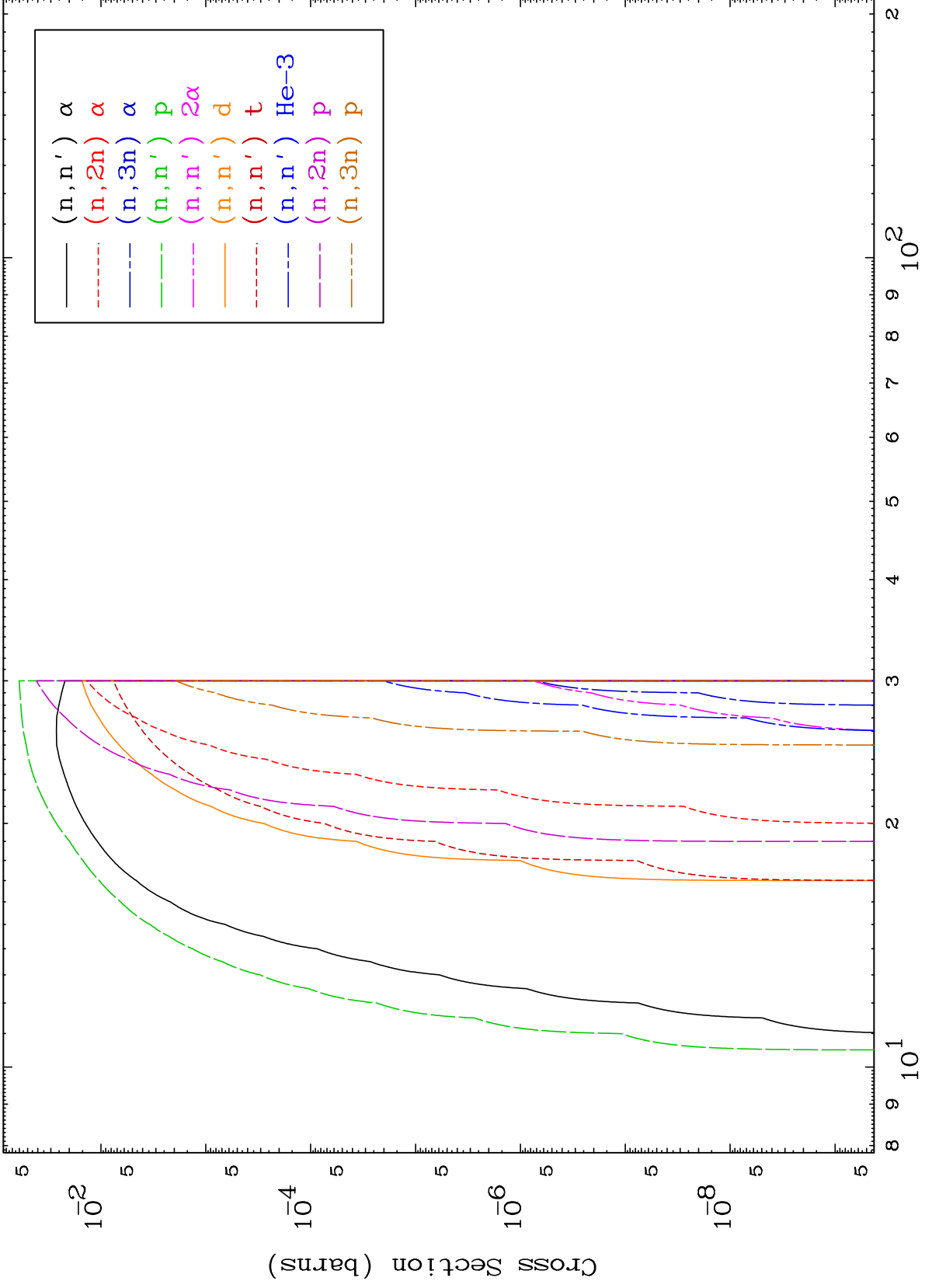
Incident Energy (MeV)

25-Mn-57

MAT 2531

Charged Particle
293 Kelvin Cross Sections

25-Mn-57



4

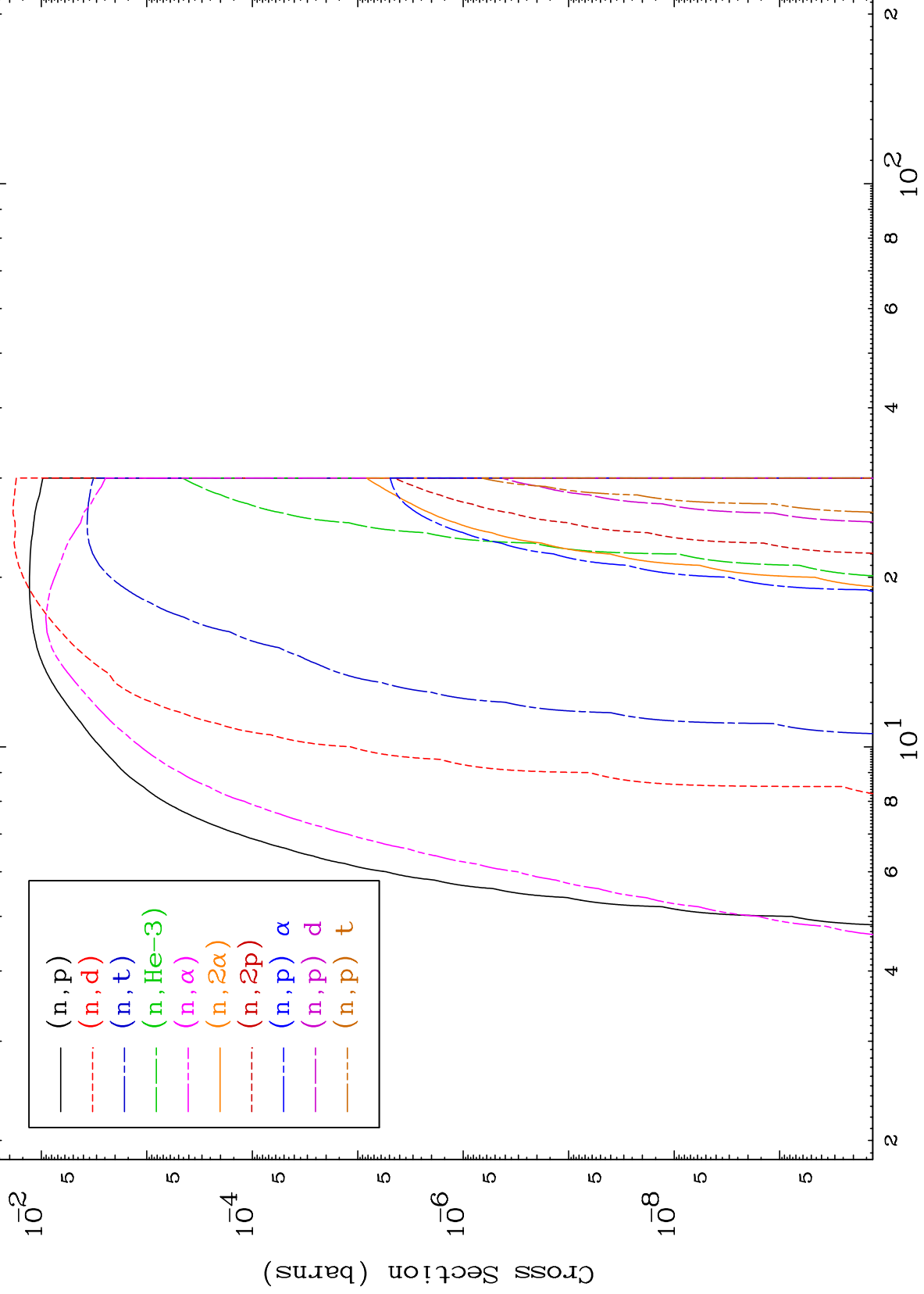
Incident Energy (MeV)

25-Mn-57

MAT 2531

Charged Particle
293 Kelvin Cross Sections

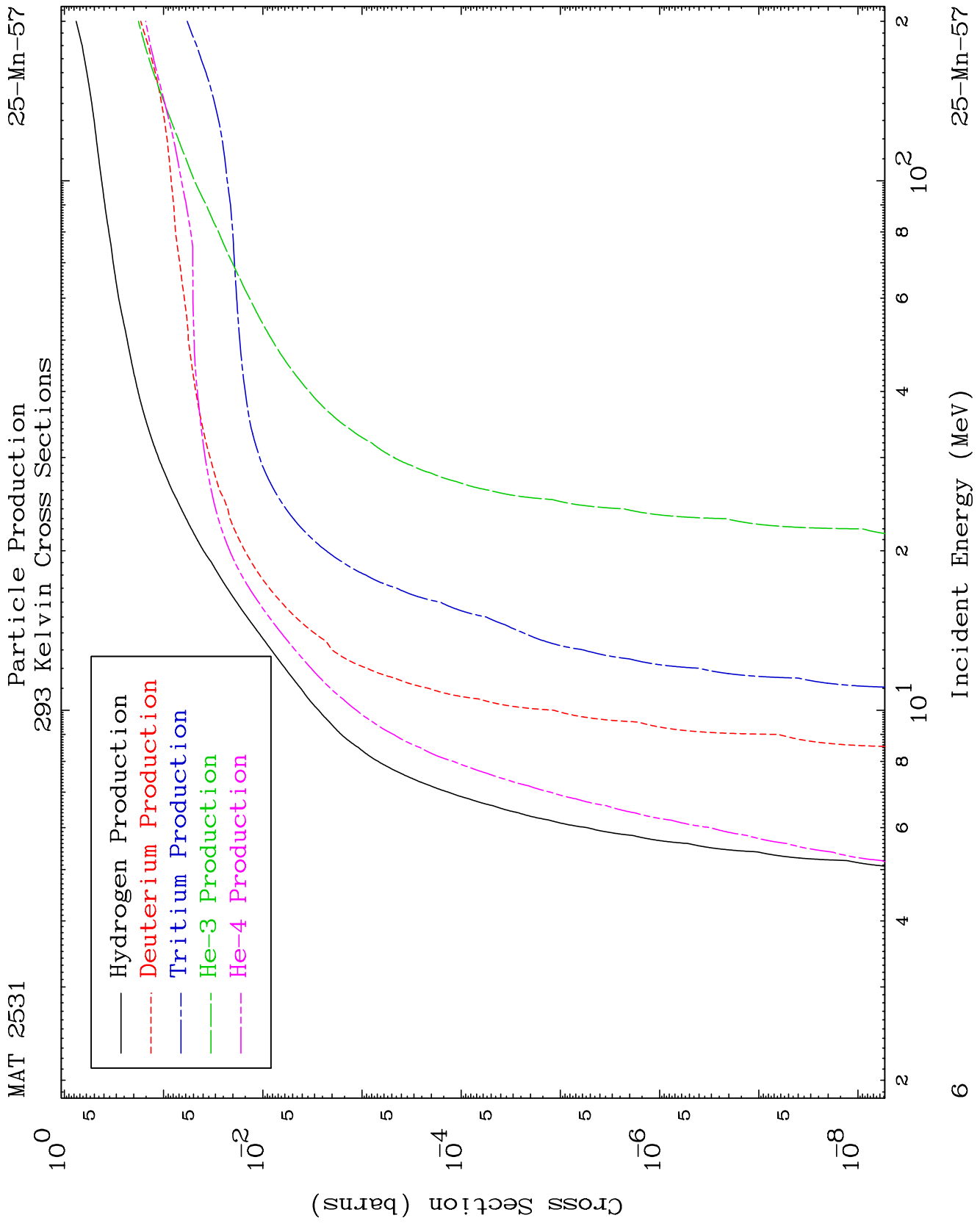
25-Mn-57



5

Incident Energy (MeV)

25-Mn-57

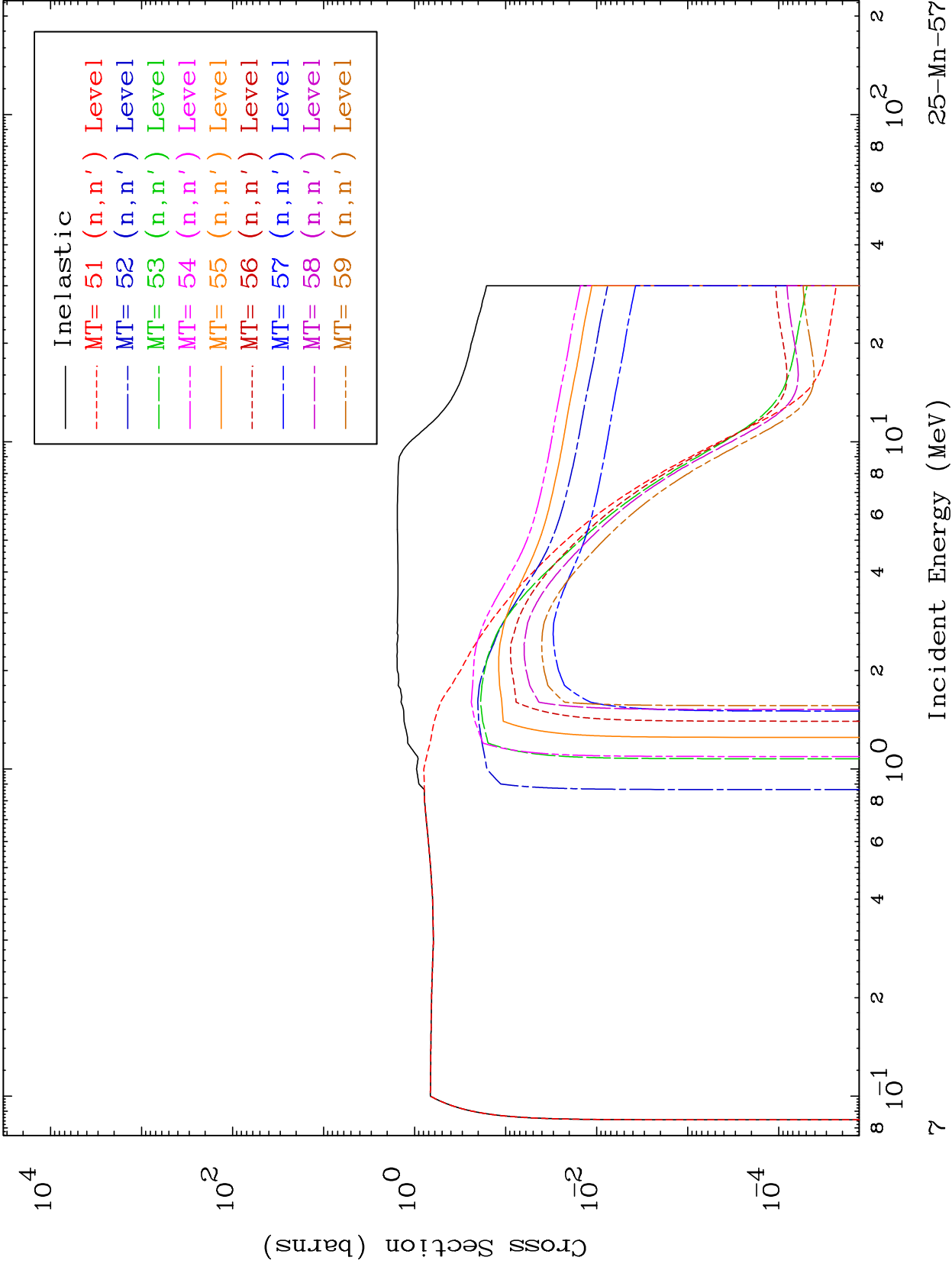


MAT 2531

(n,n') Level

293 Kelvin Cross Sections

25-Mn-57

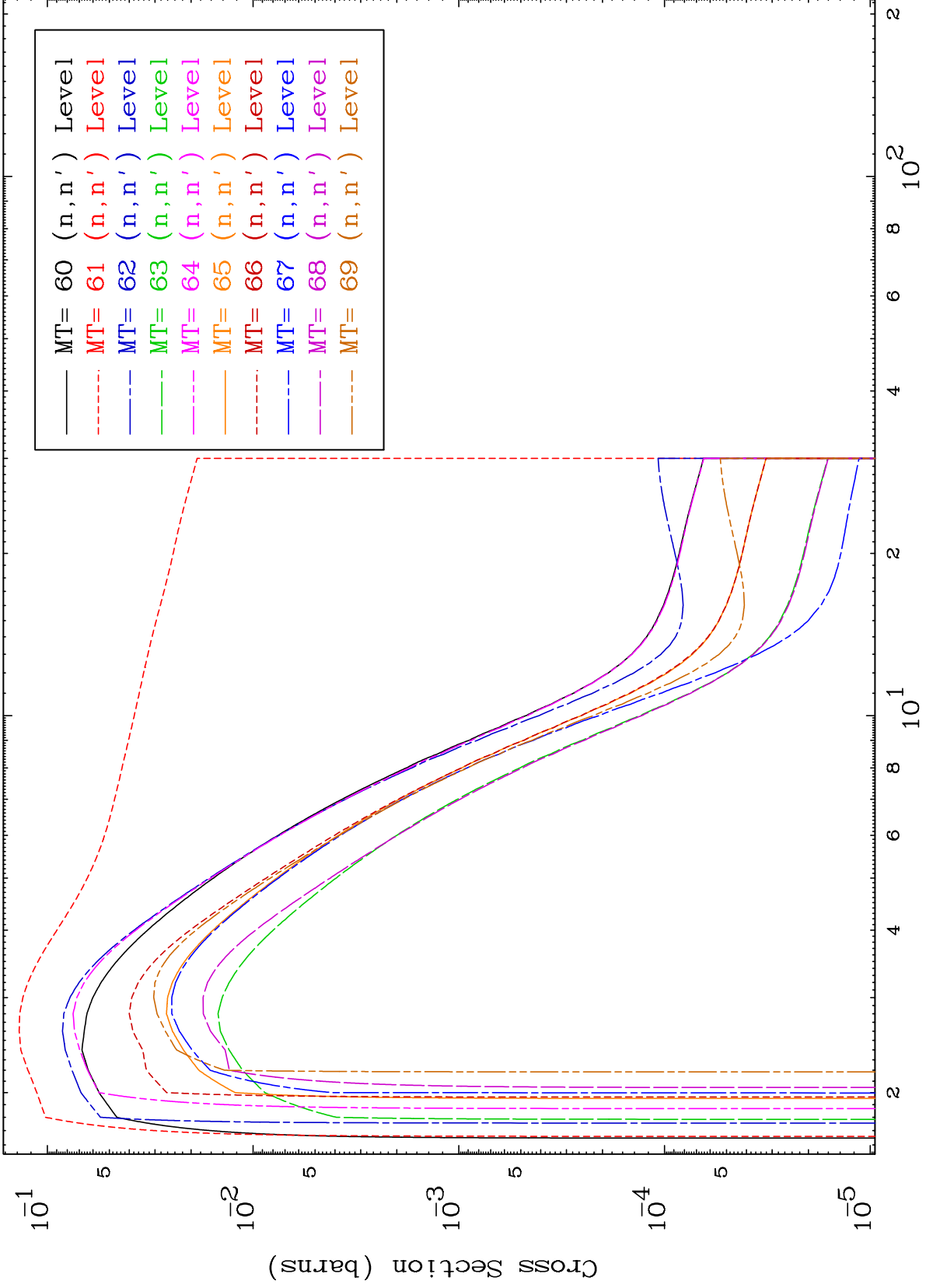


MAT 2531

(n,n') Level

25-Mn-57

293 Kelvin Cross Sections

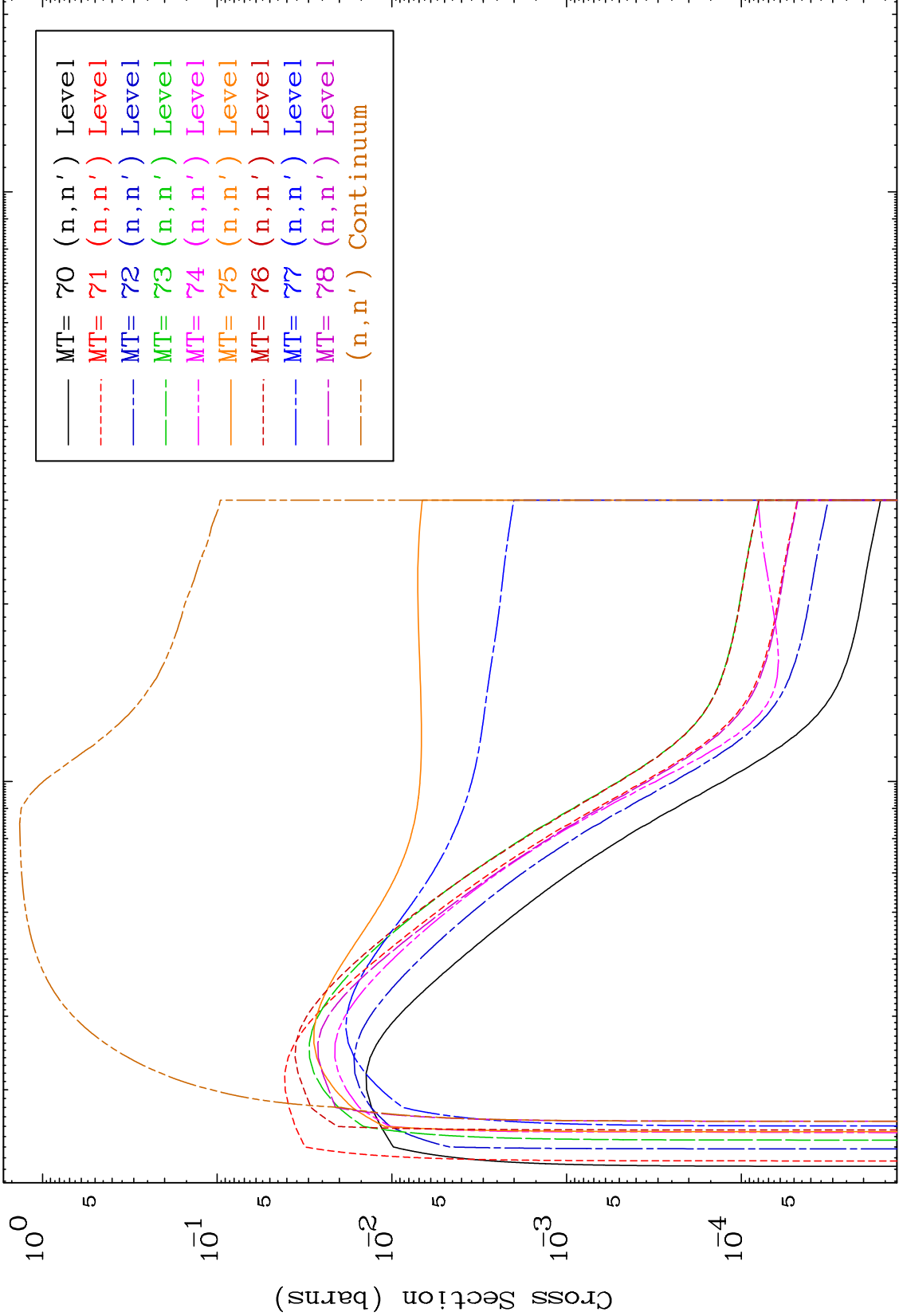


8

Incident Energy (MeV)

25-Mn-57

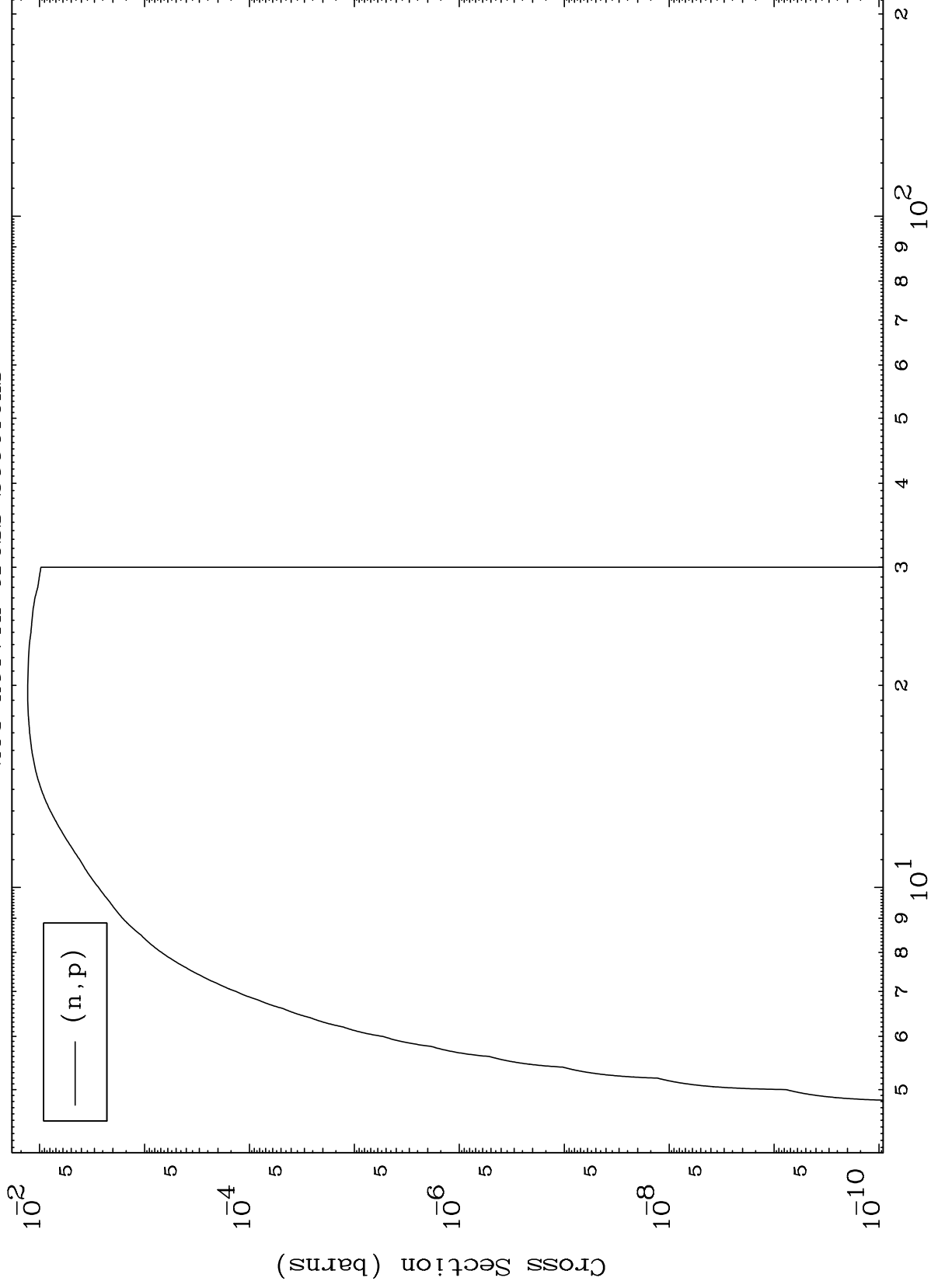
293 Kelvin Cross Sections



MAT 2531

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-57



Incident Energy (MeV)

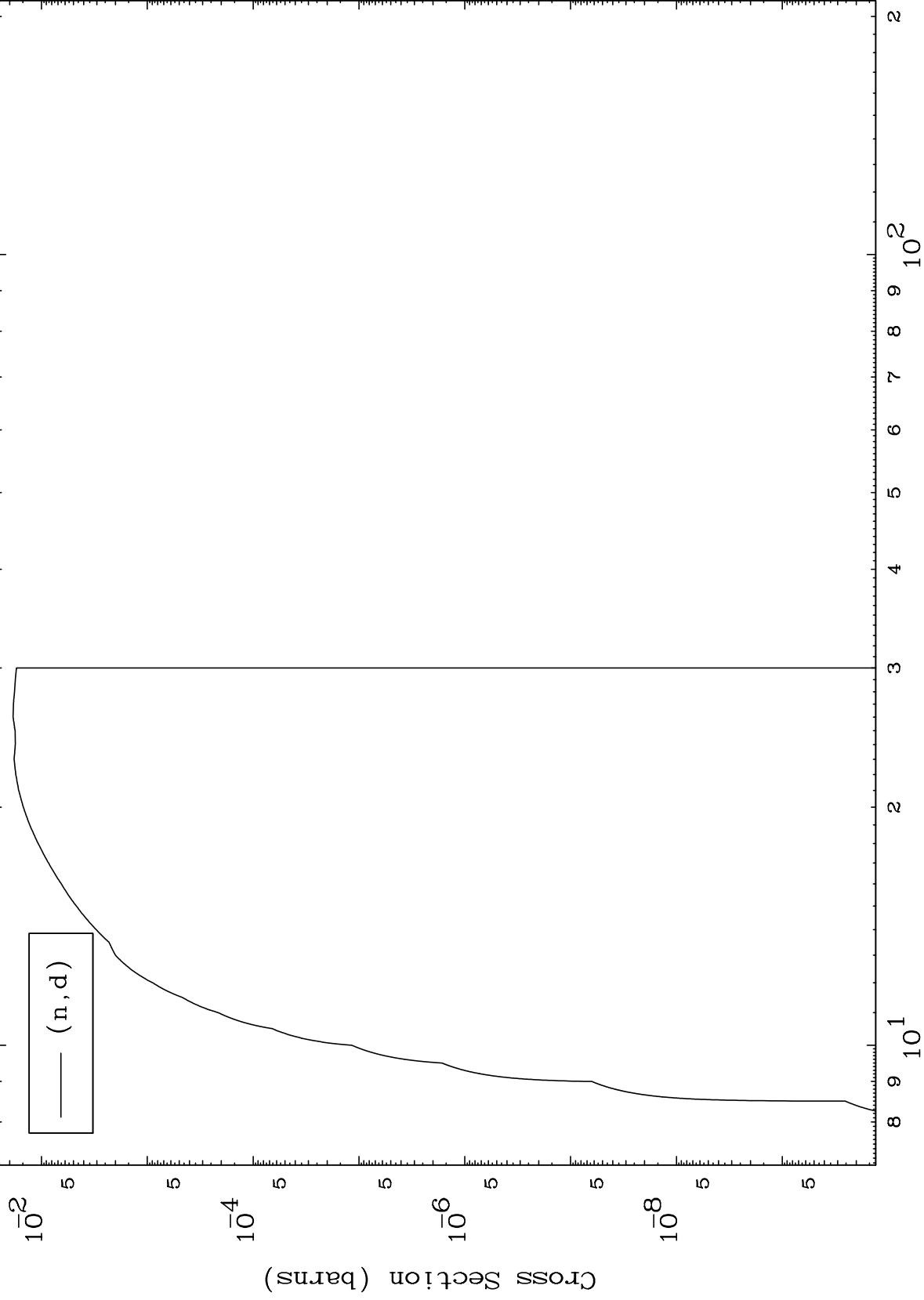
25-Mn-57

10

MAT 2531

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-57



11

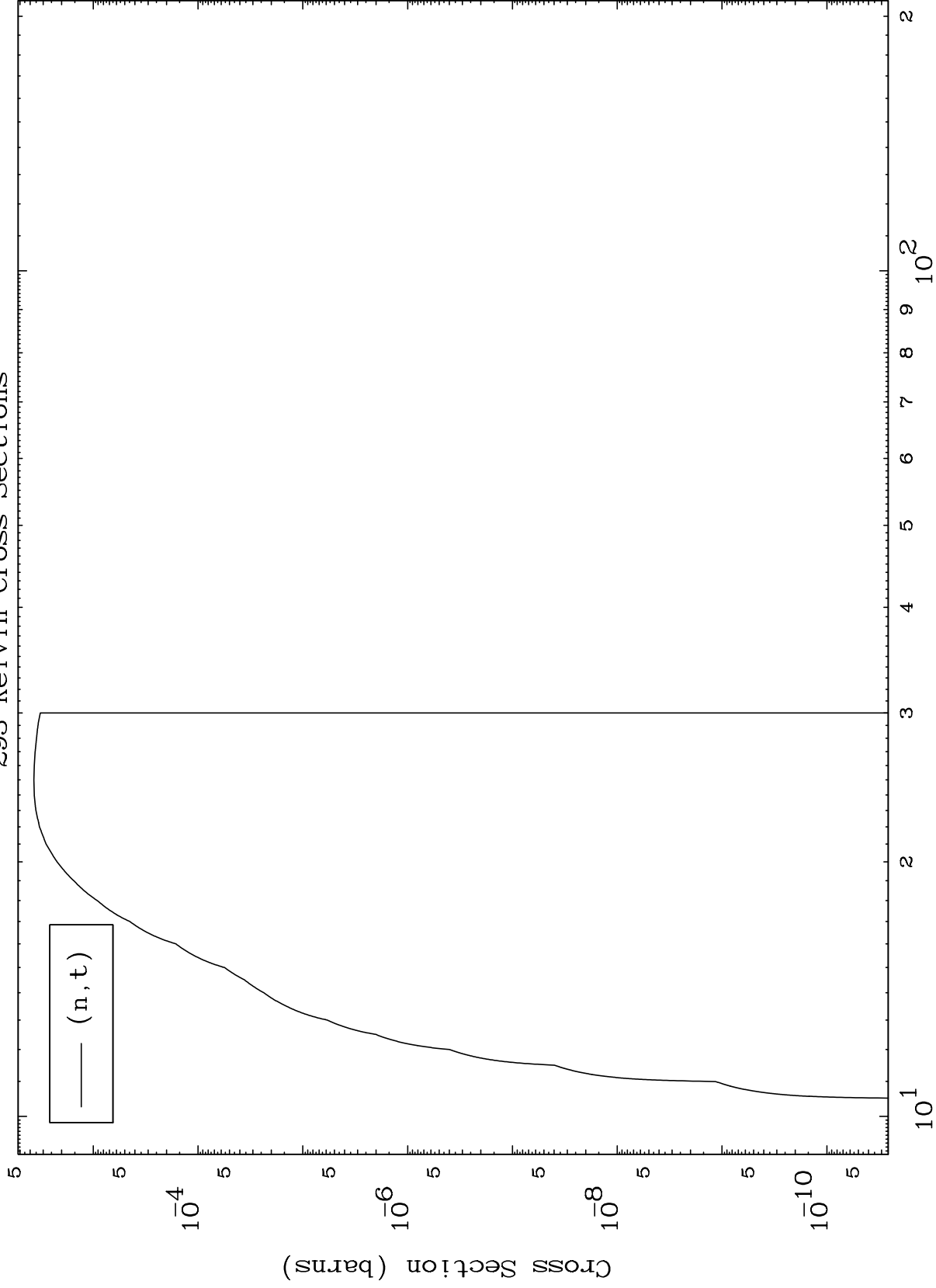
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,t) Levels
293 Kelvin Cross Sections

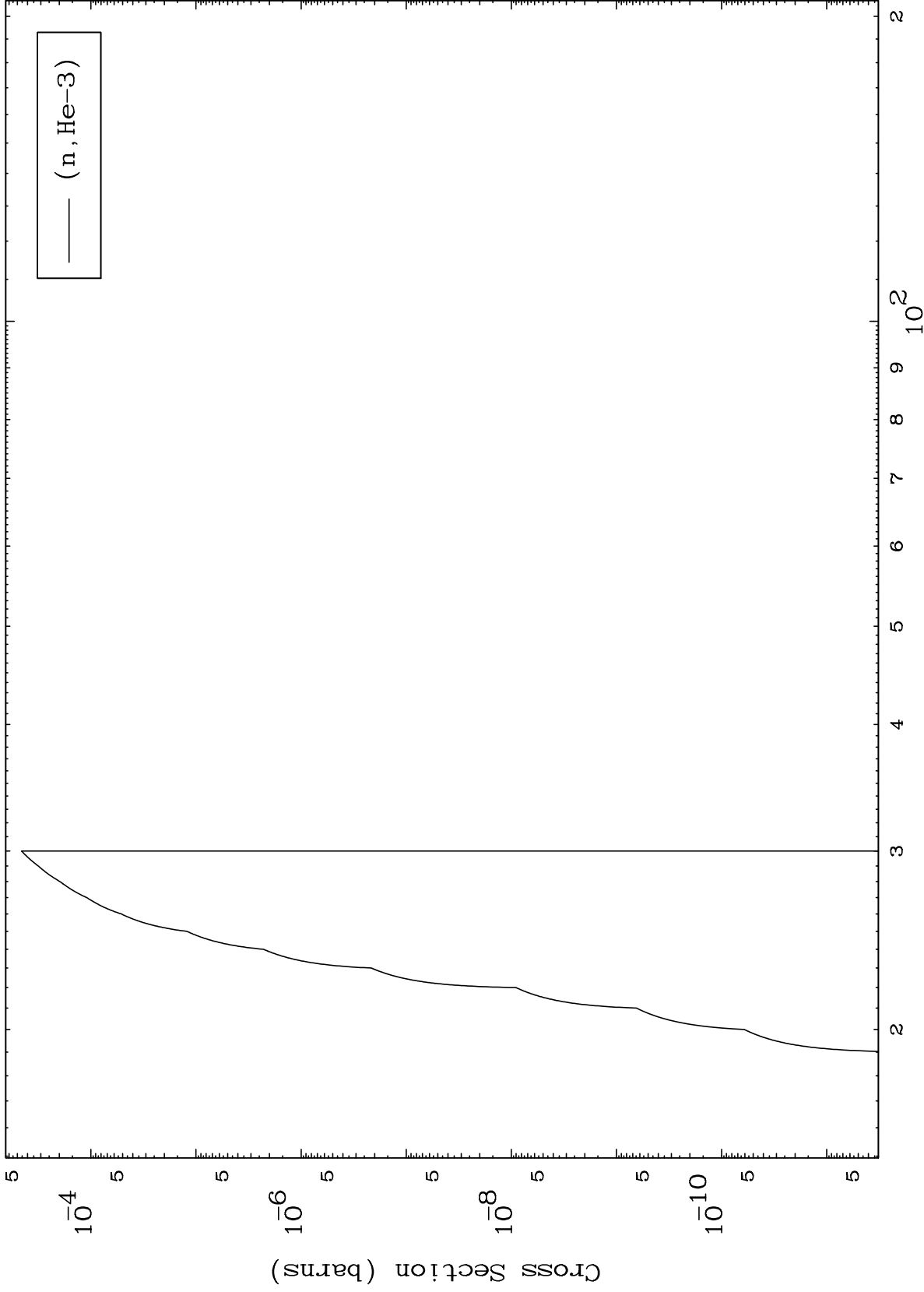
25-Mn-57



Incident Energy (MeV)

25-Mn-57

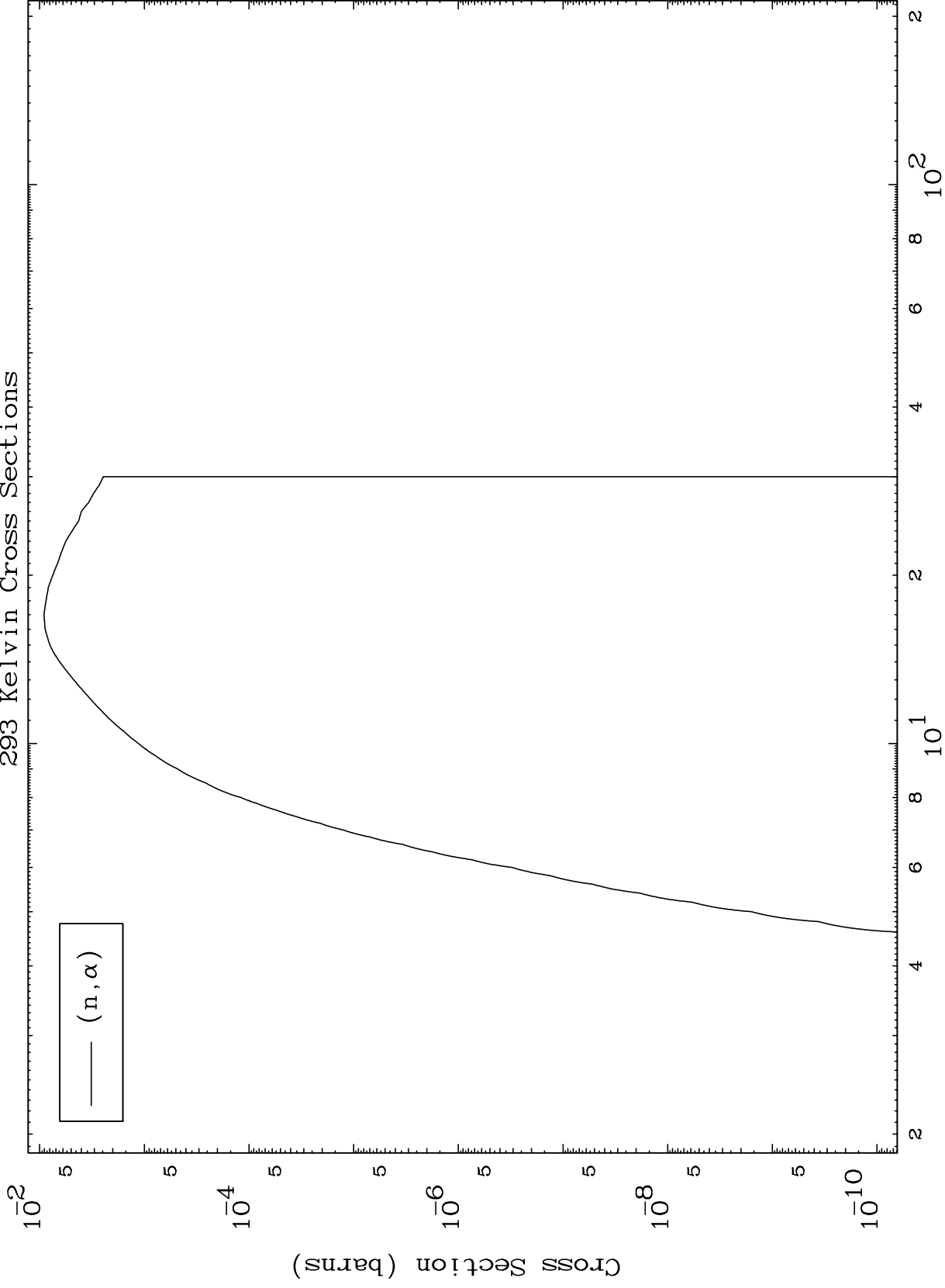
12



MAT 2531

(n, α) Levels
293 Kelvin Cross Sections

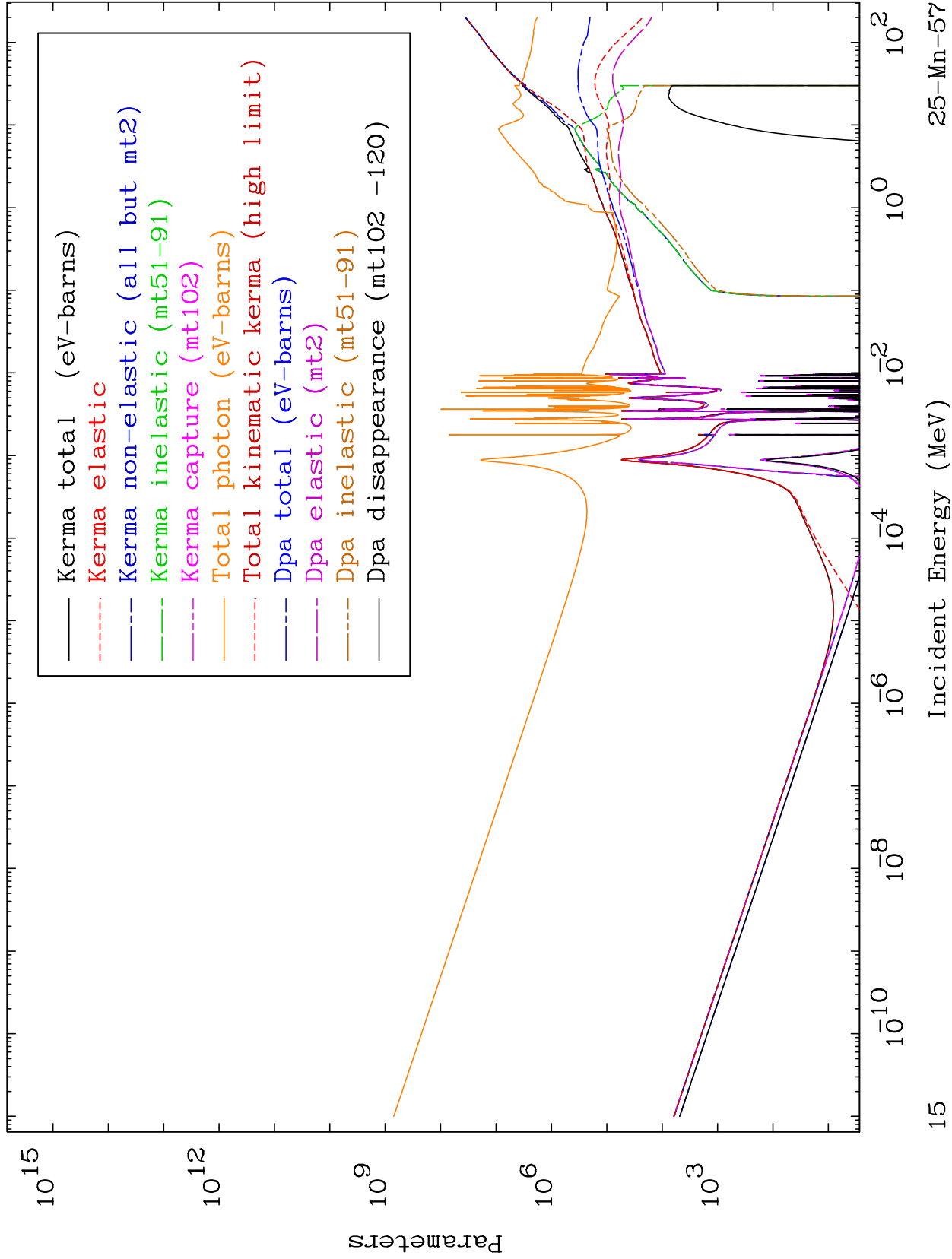
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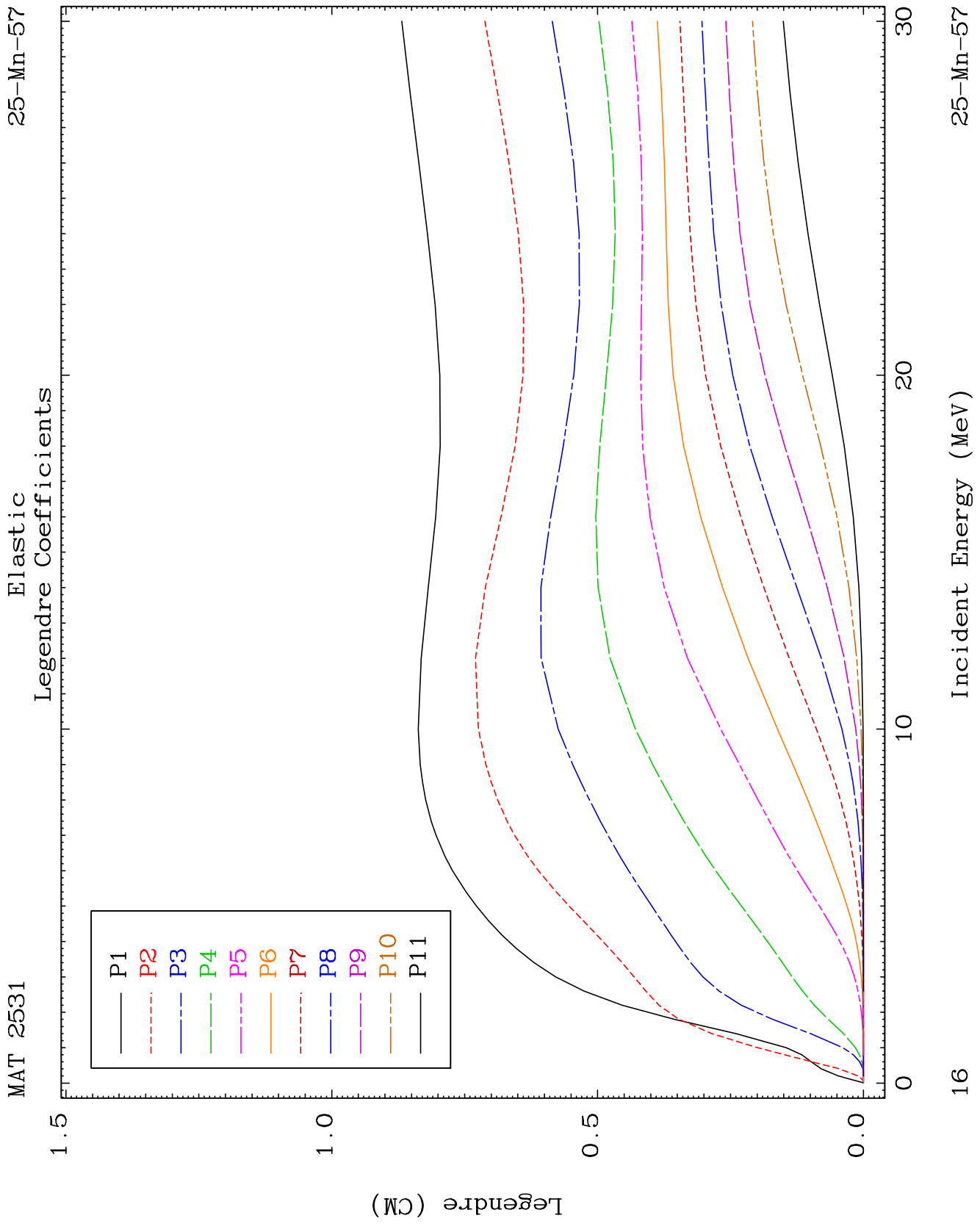


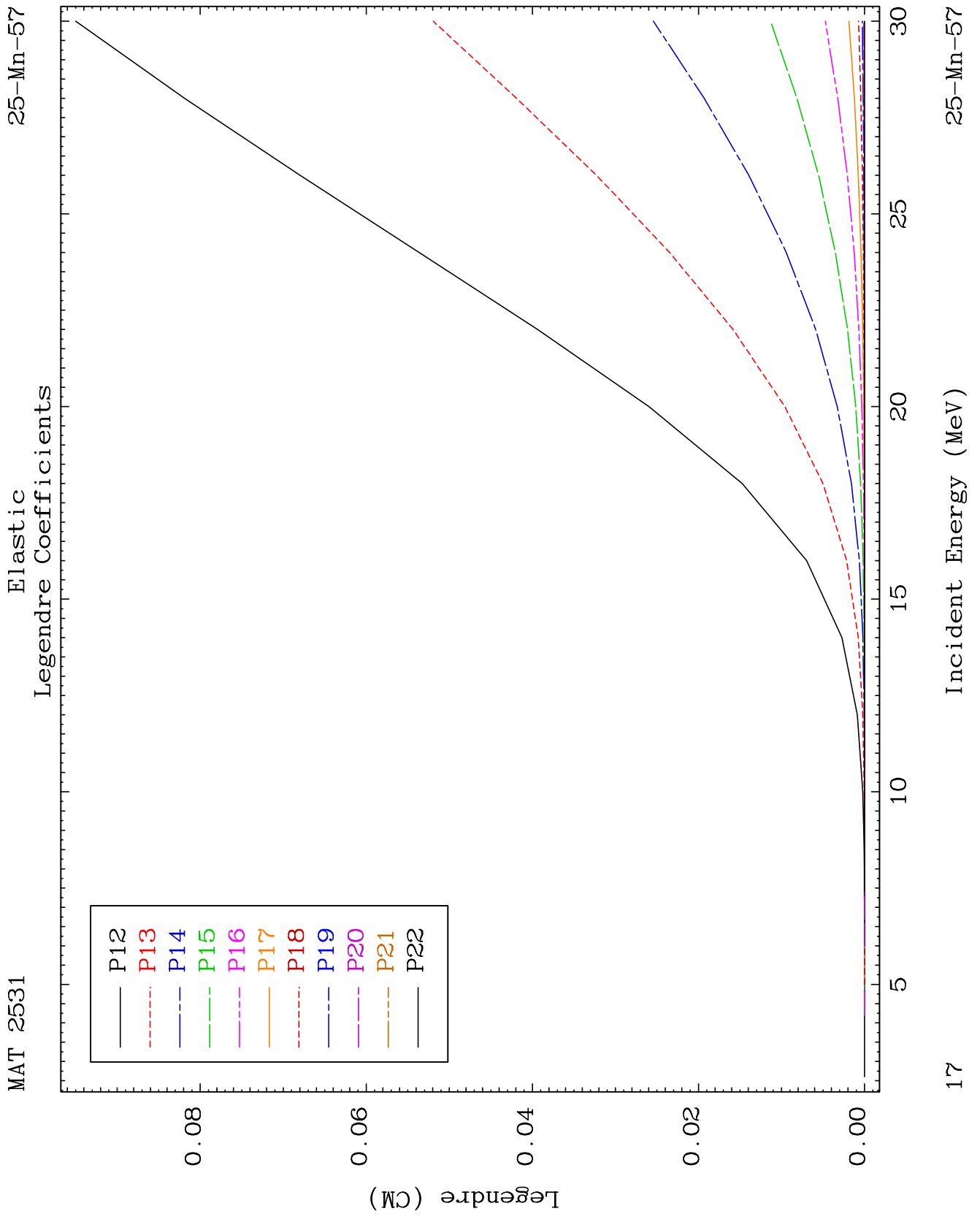
14

Incident Energy (MeV)

25-Mn-57



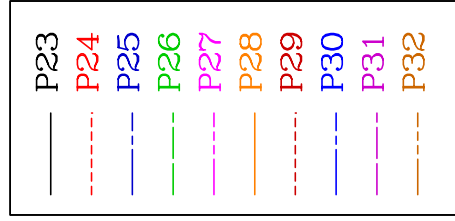




MAT 2531

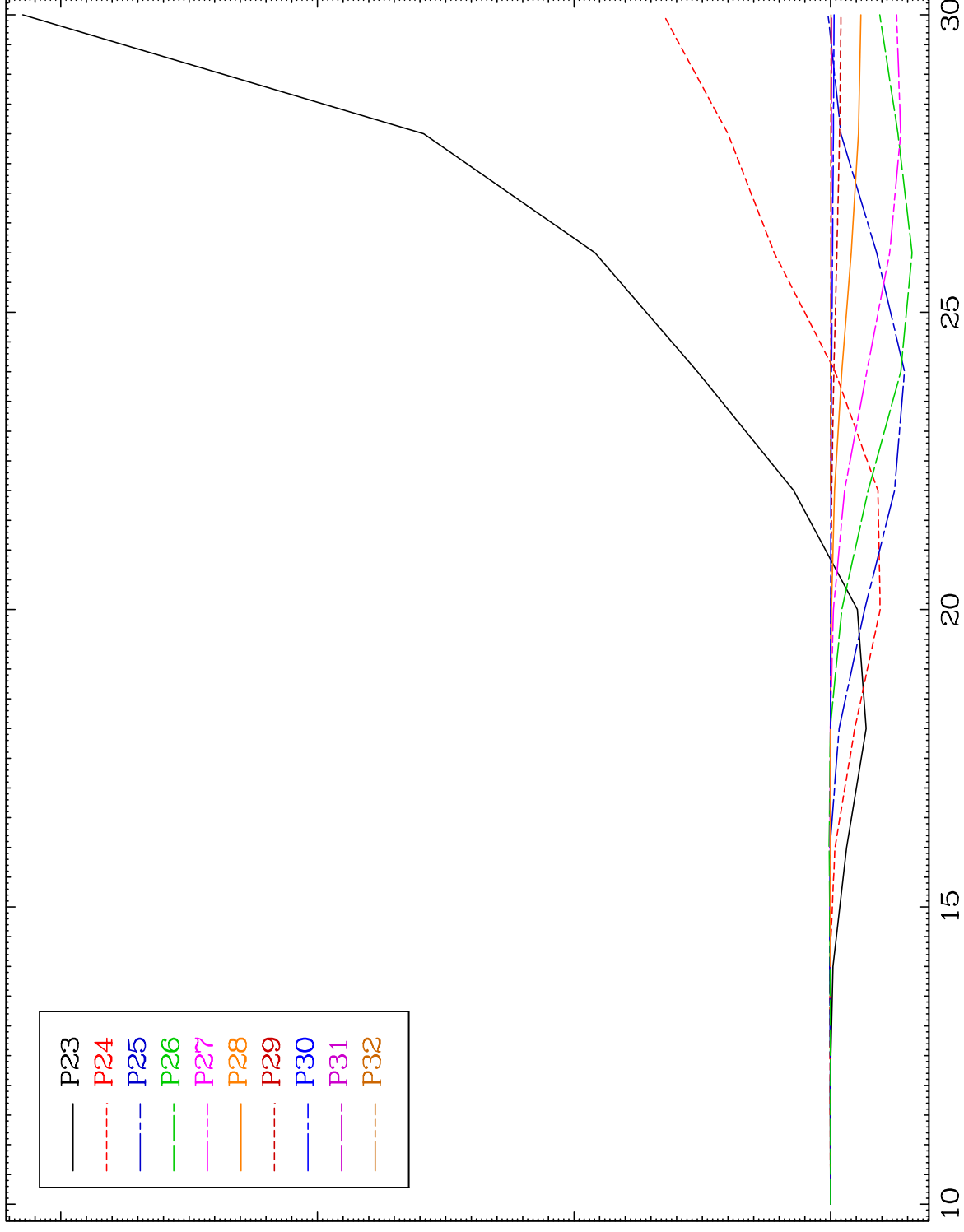
Elastic Legendre Coefficients

25-Mn-57



$\times 10^{-63}$

Legendre (CM)



10

15

20

25

30

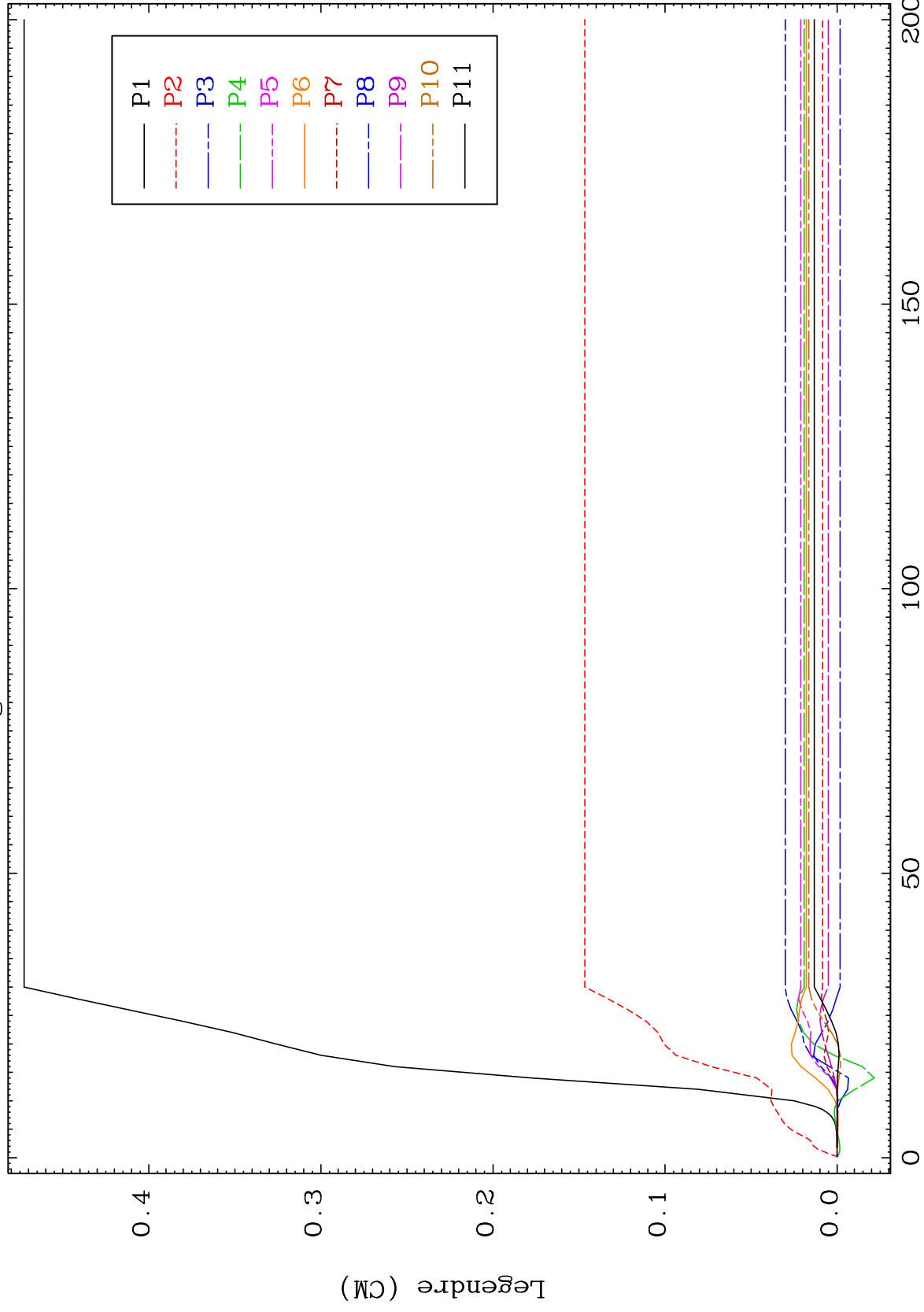
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



19

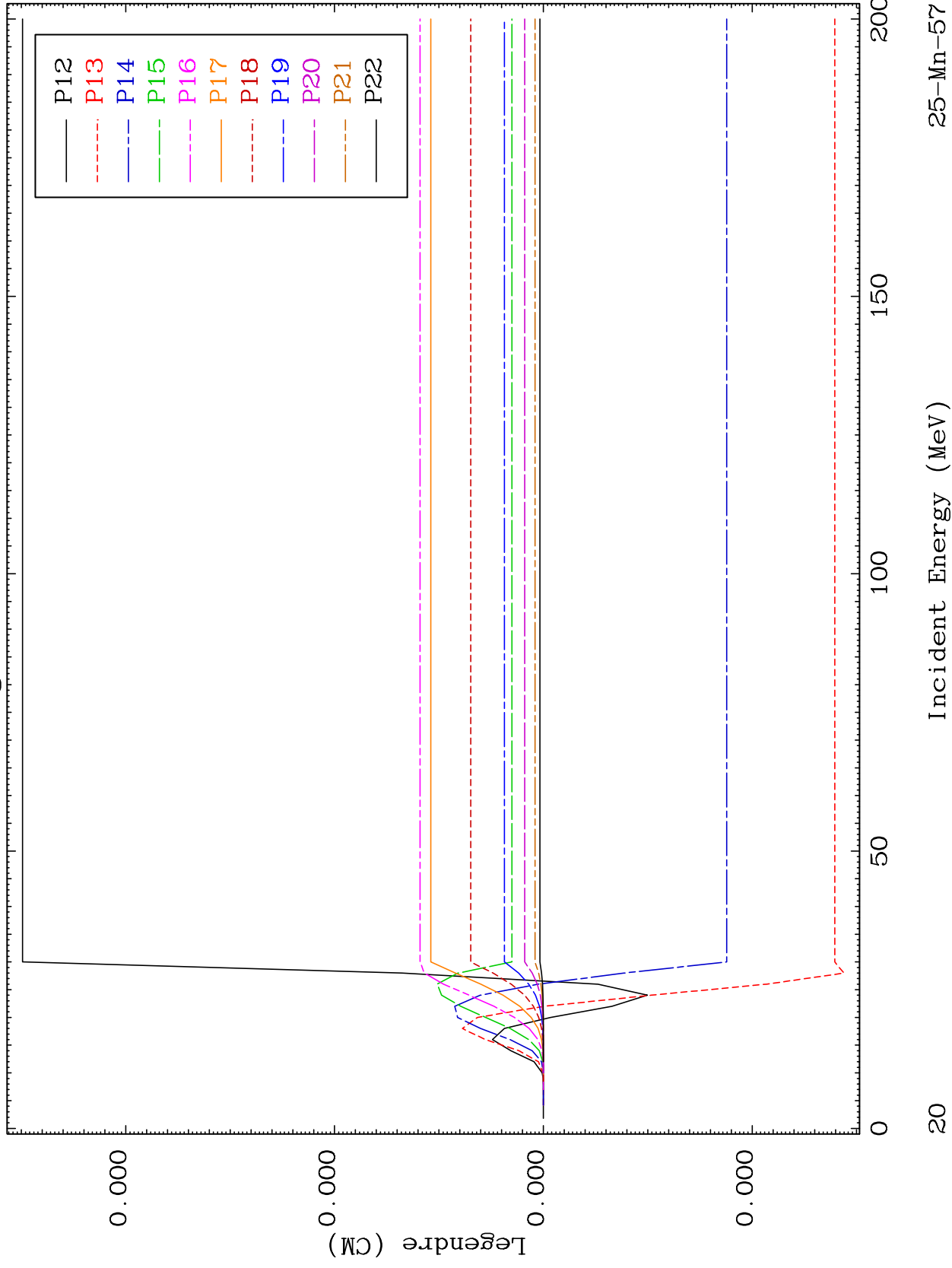
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57

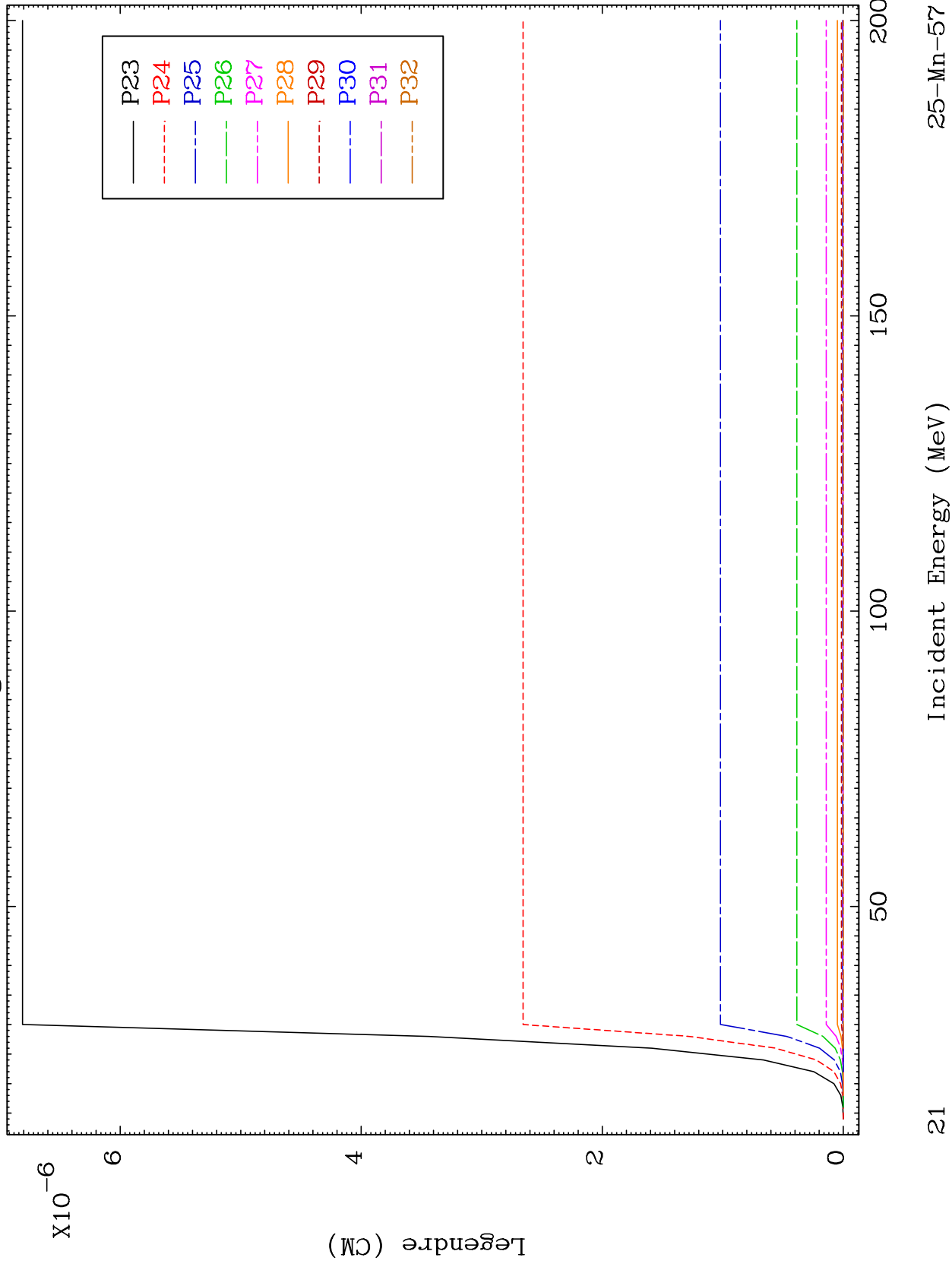


25-Mn-57

MAT 2531

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

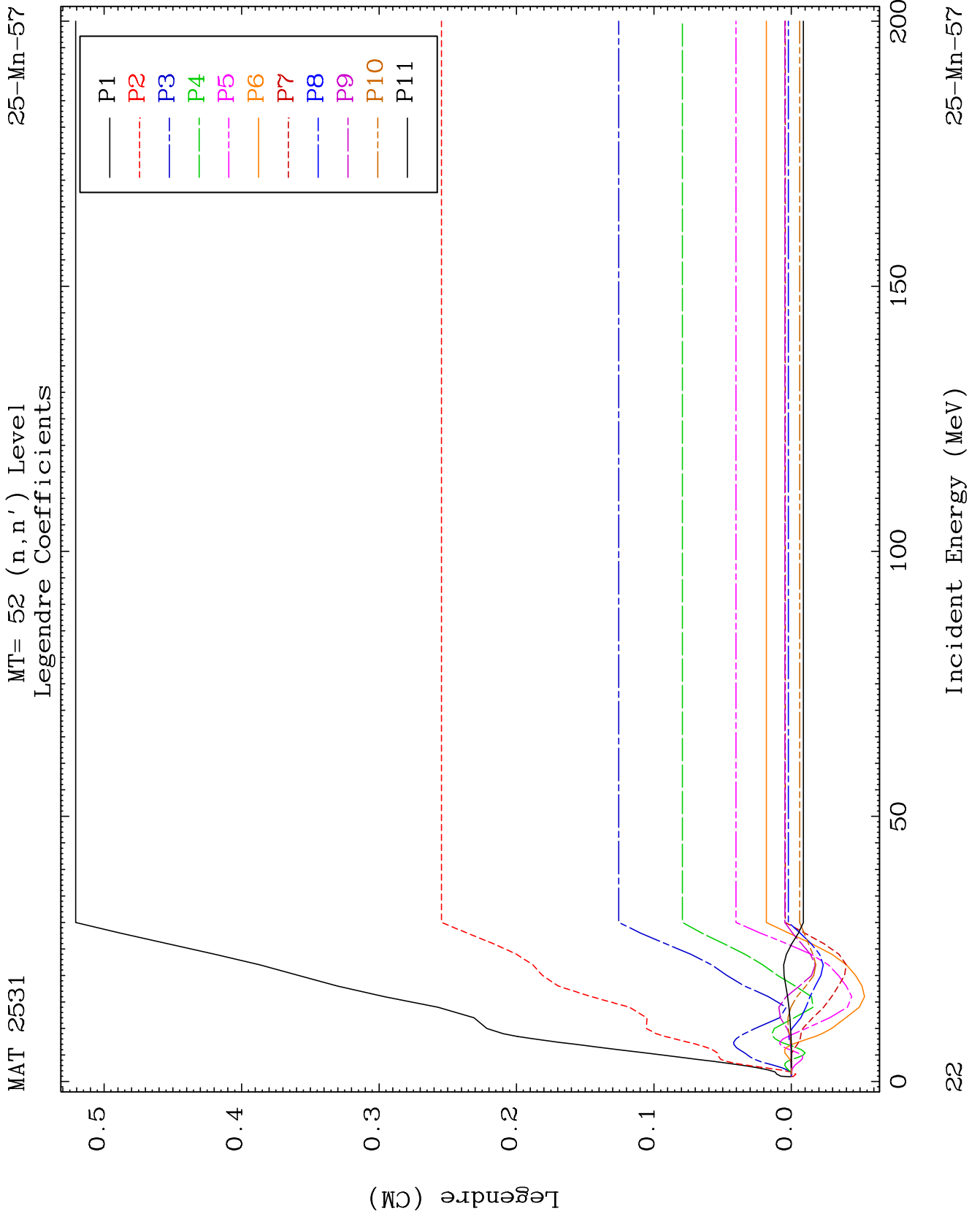
25-Mn-57



21

Incident Energy (MeV)

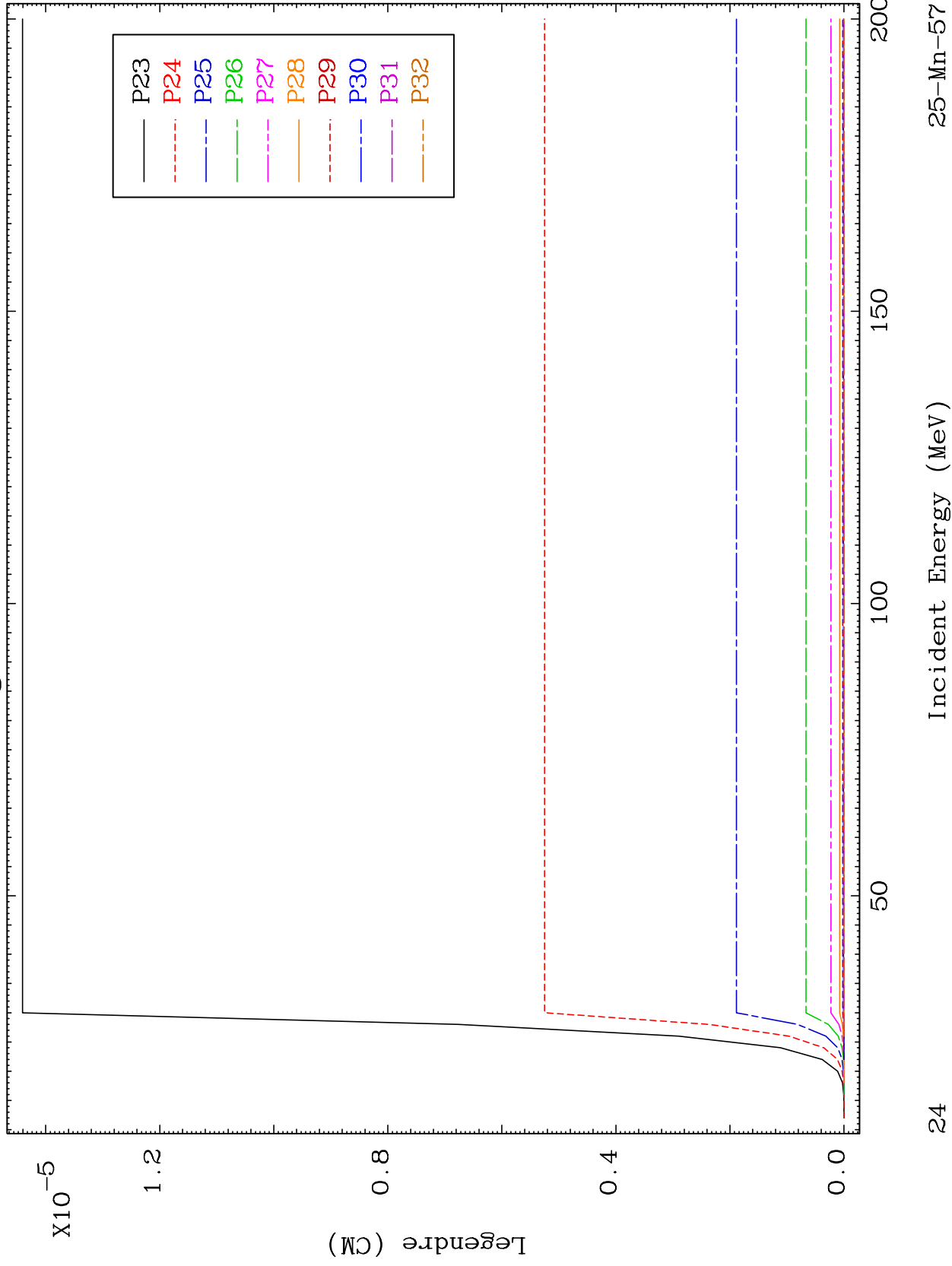
25-Mn-57



MAT 2531

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

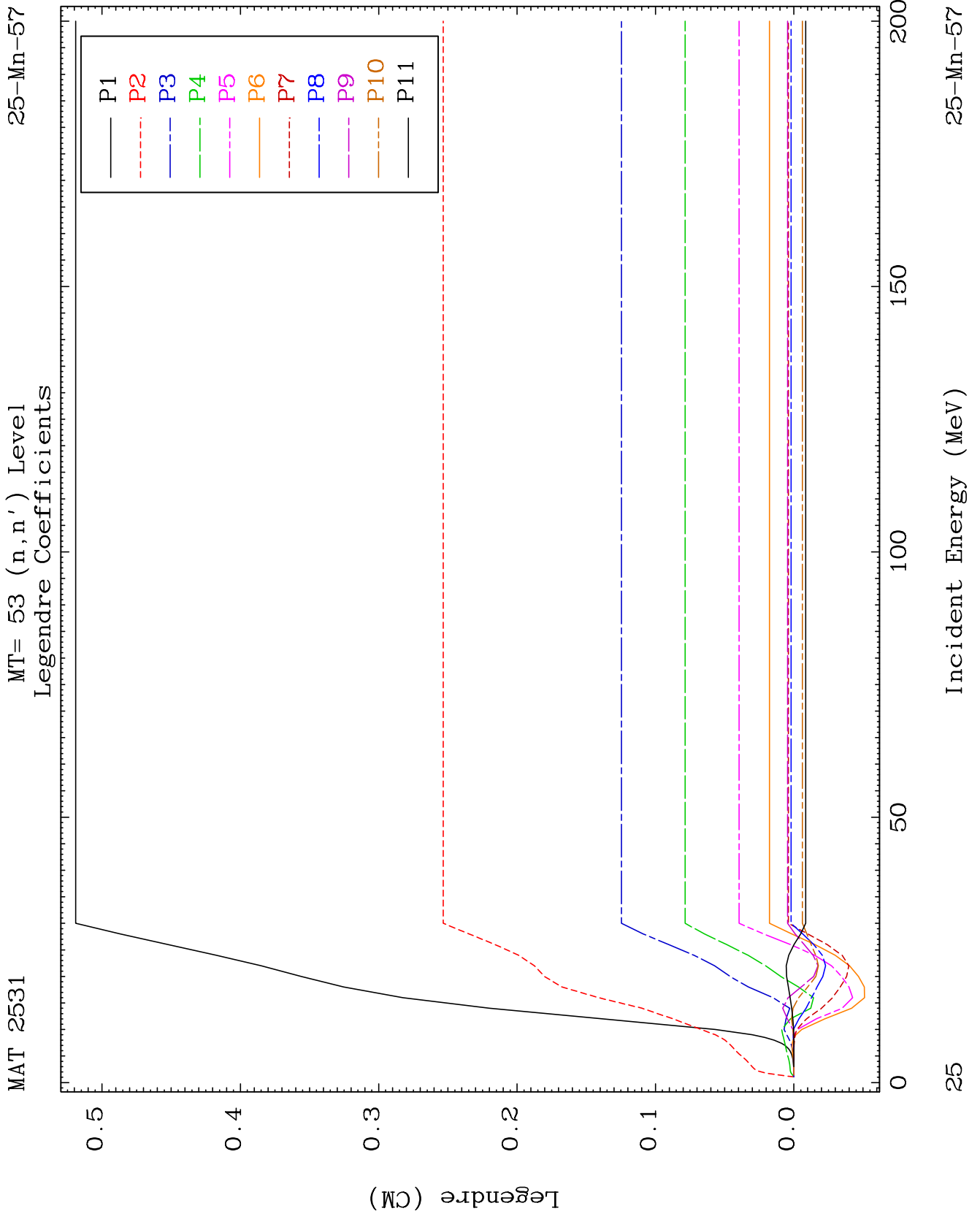
25-Mn-57

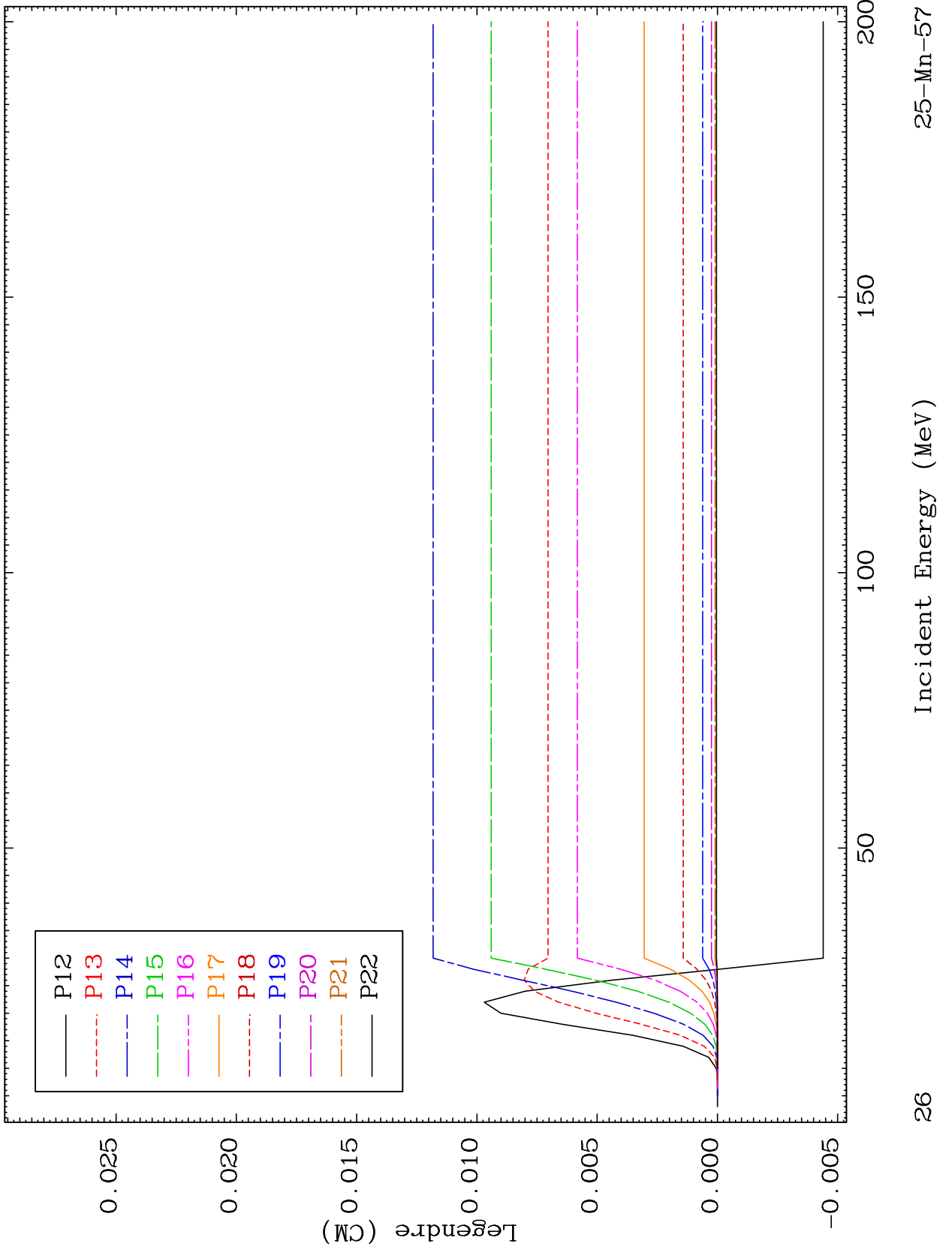


24

Incident Energy (MeV)

25-Mn-57

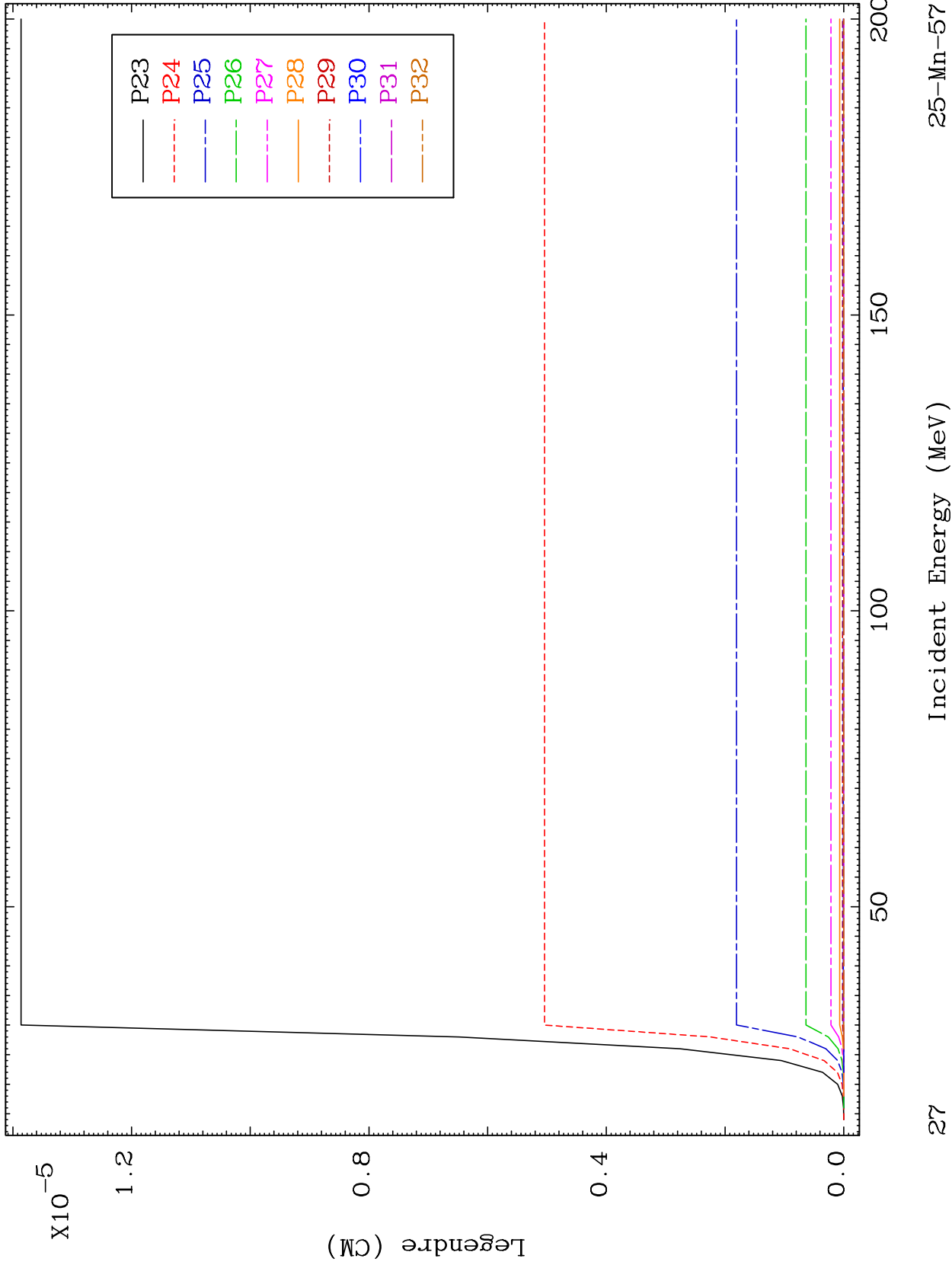




MAT 2531

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

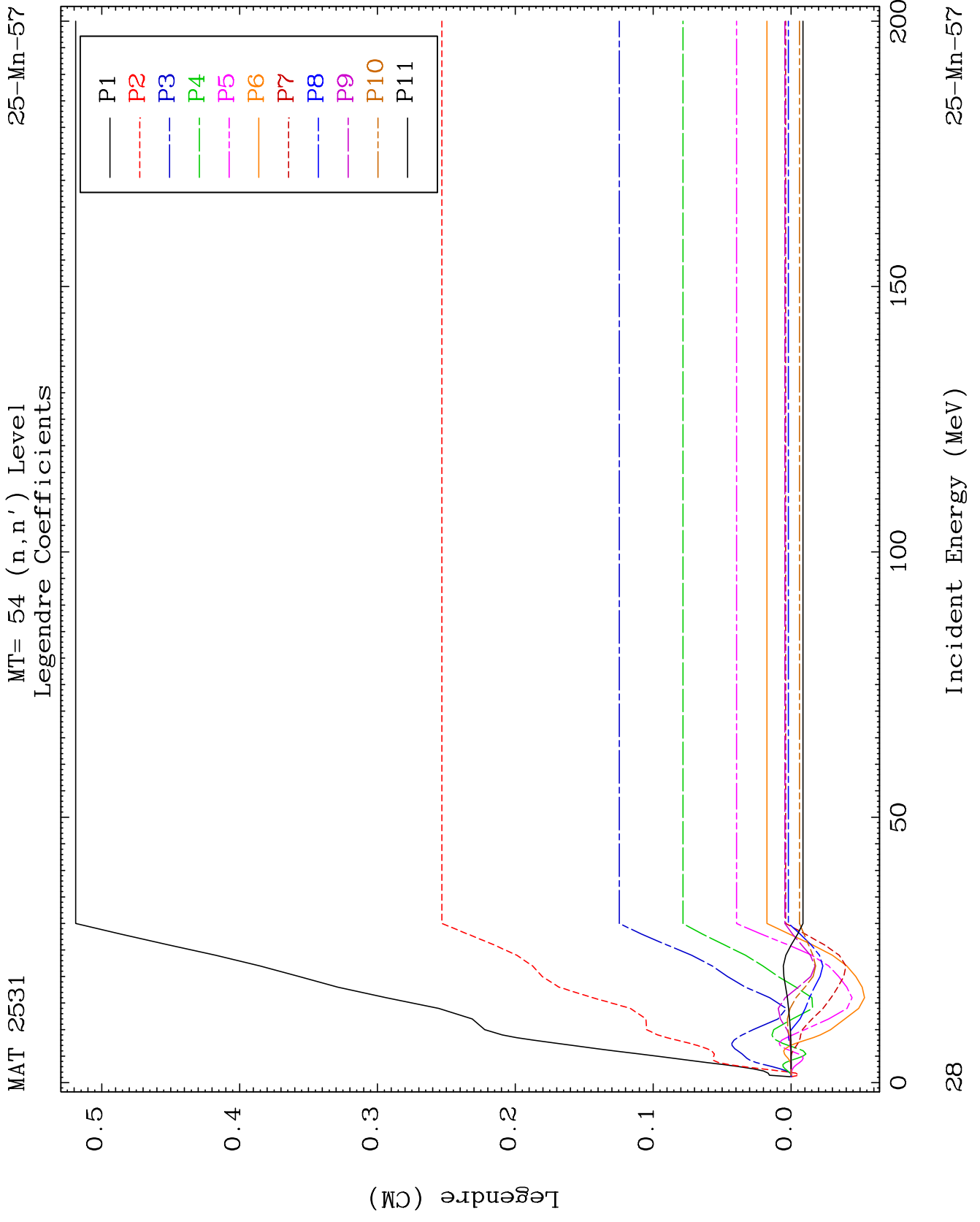
25-Mn-57



27

Incident Energy (MeV)

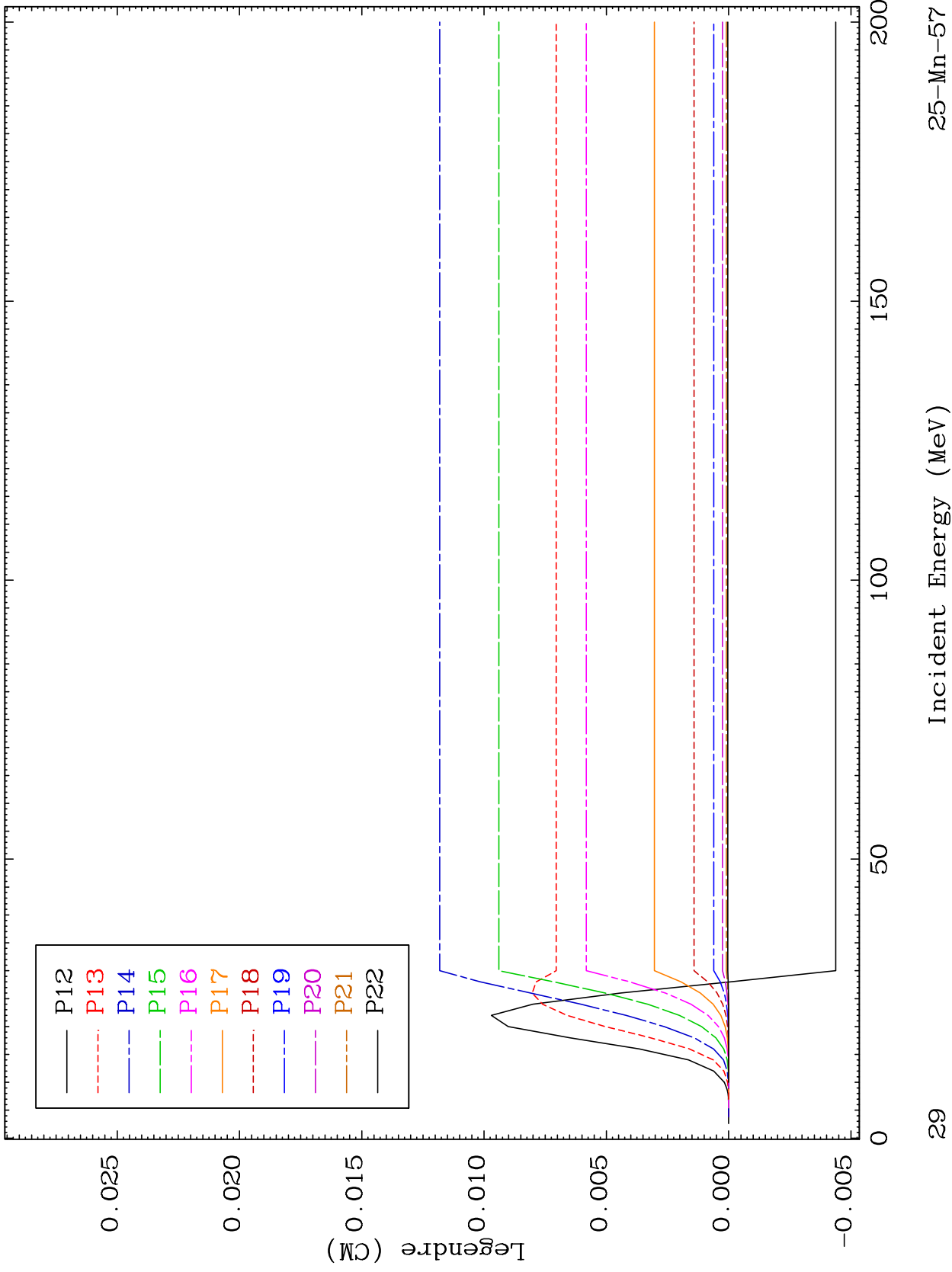
25-Mn-57



MAT 2531

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

25-Mn-57



29

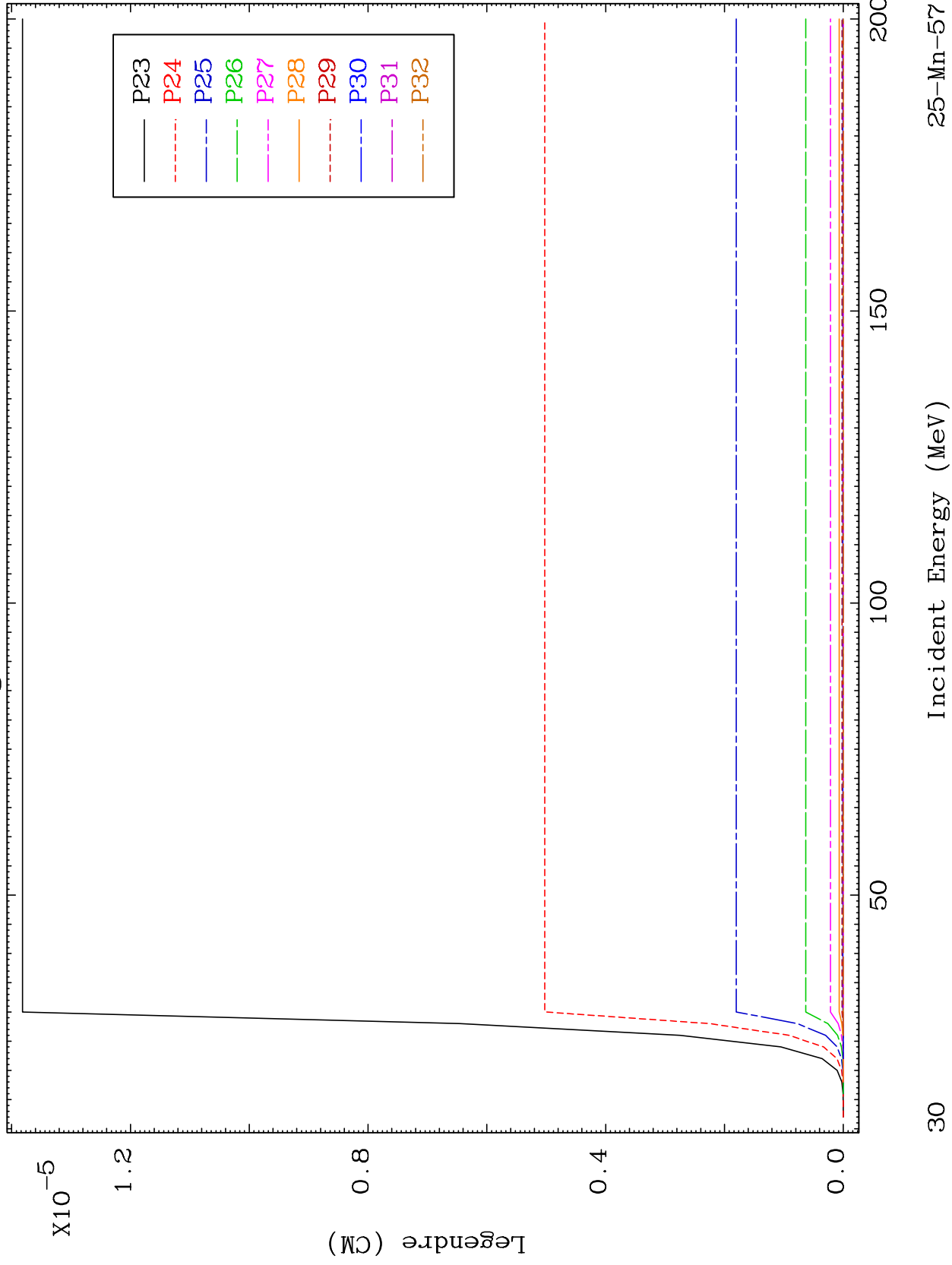
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

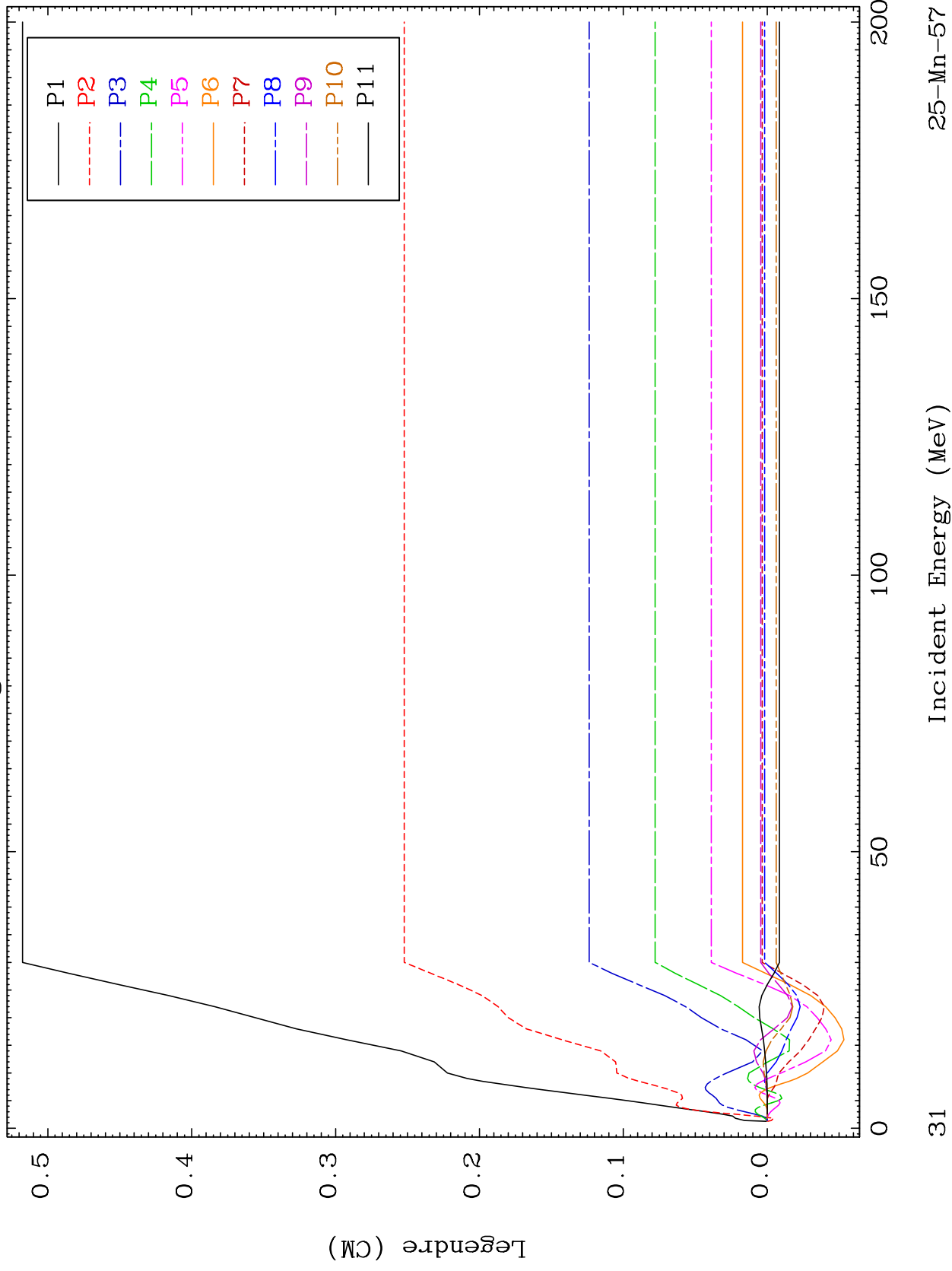
25-Mn-57

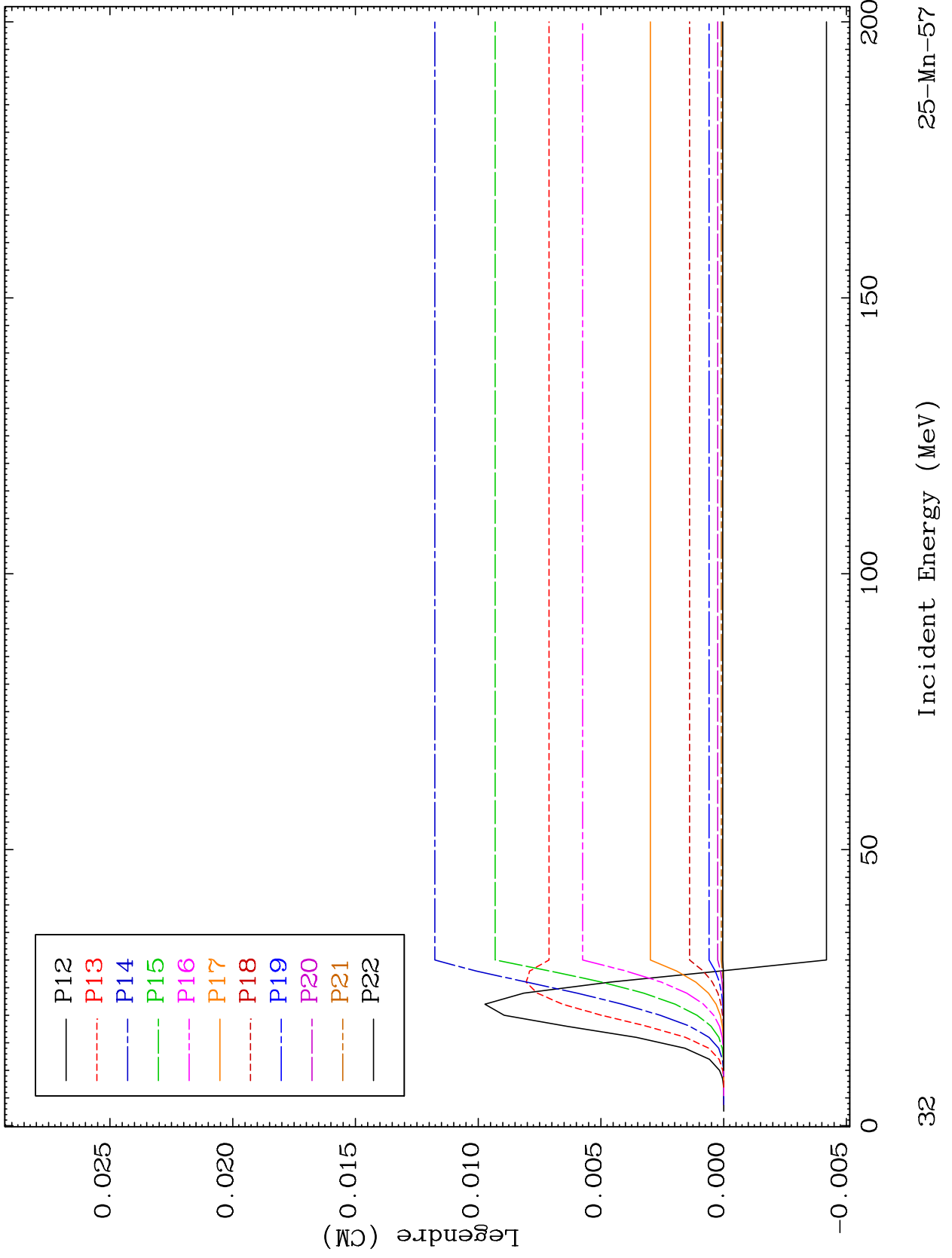


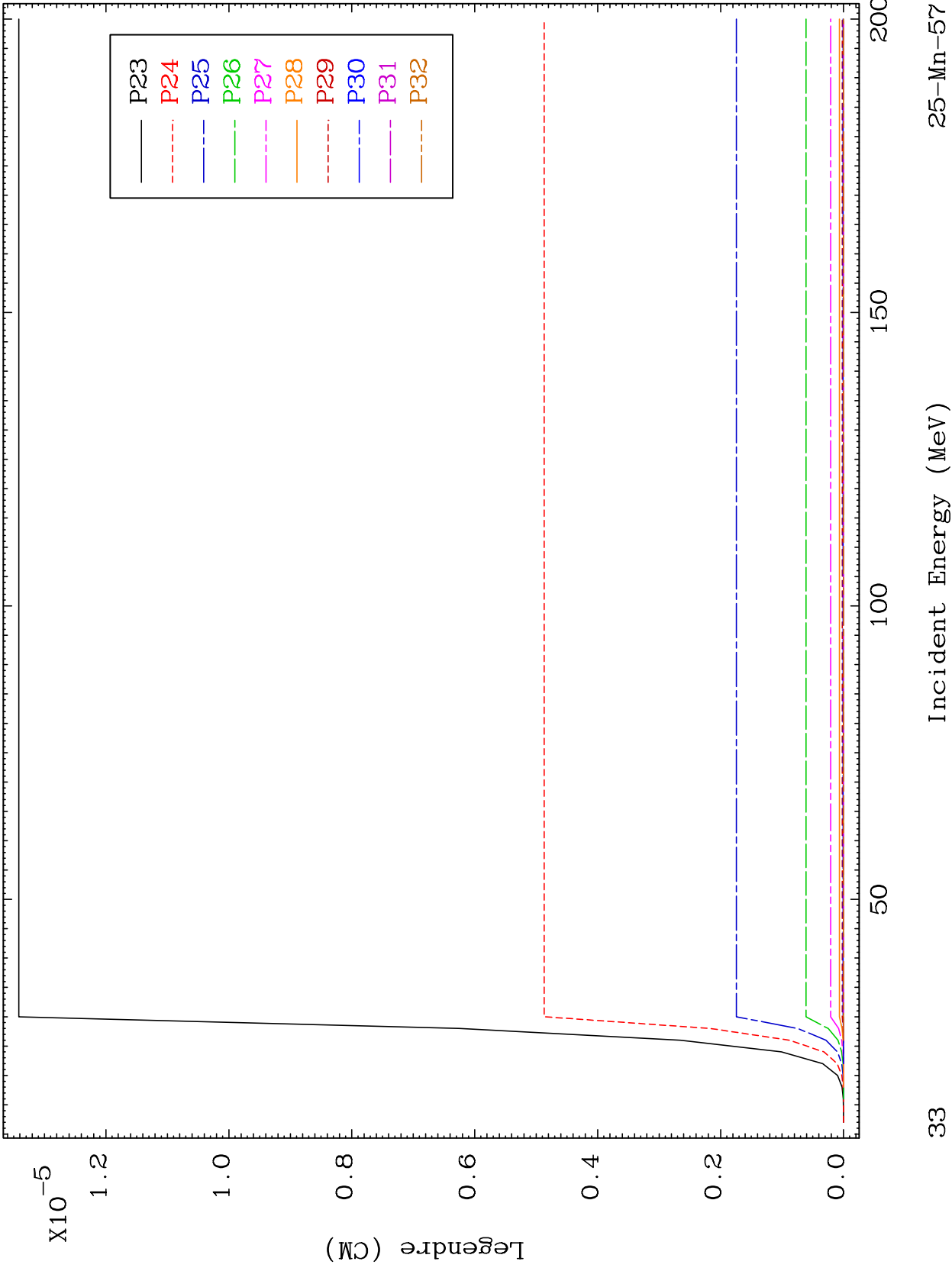
MAT 2531

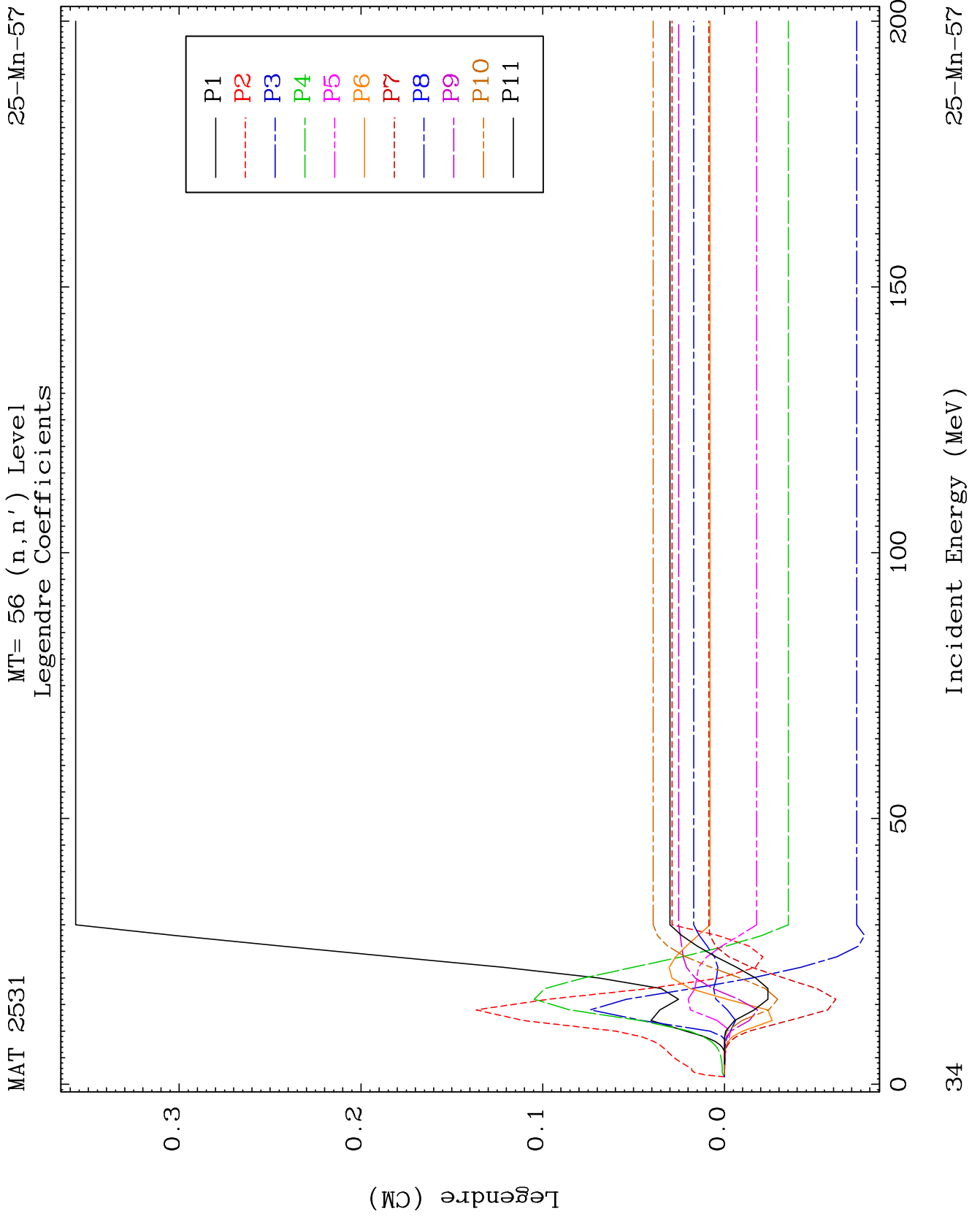
MT= 55 (n,n') Level
Legendre Coefficients

25-Mn-57





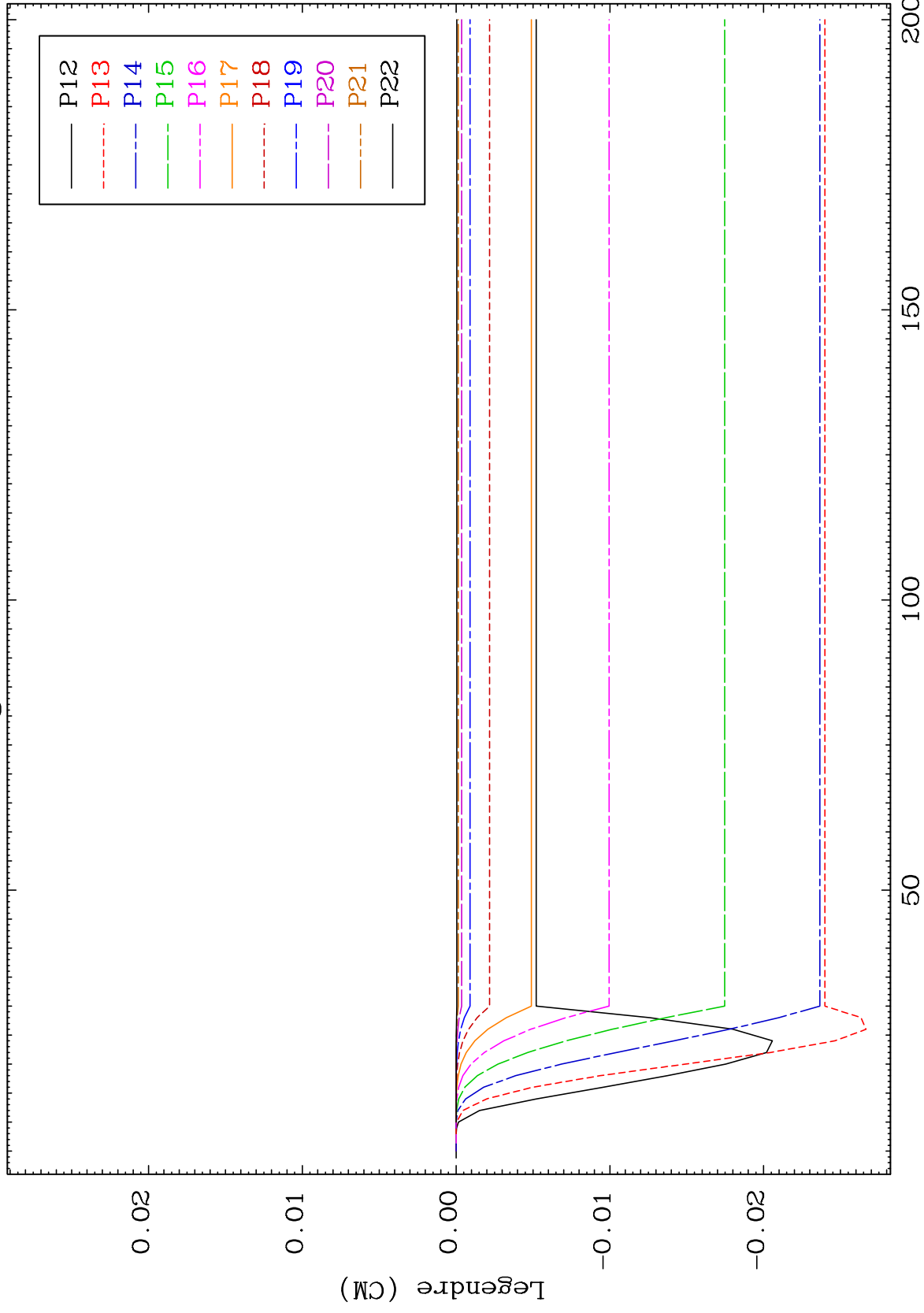




MAT 2531

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

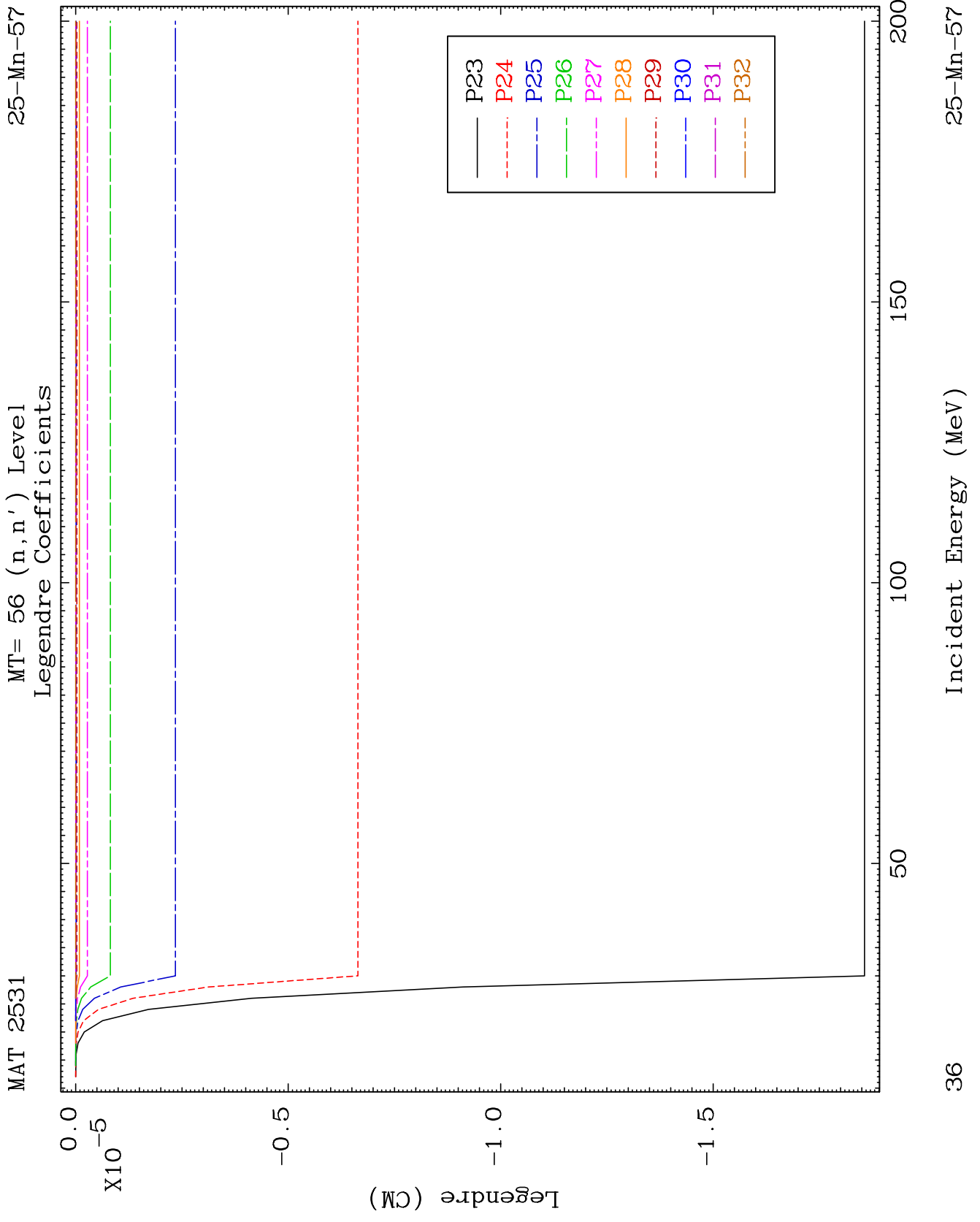
25-Mn-57

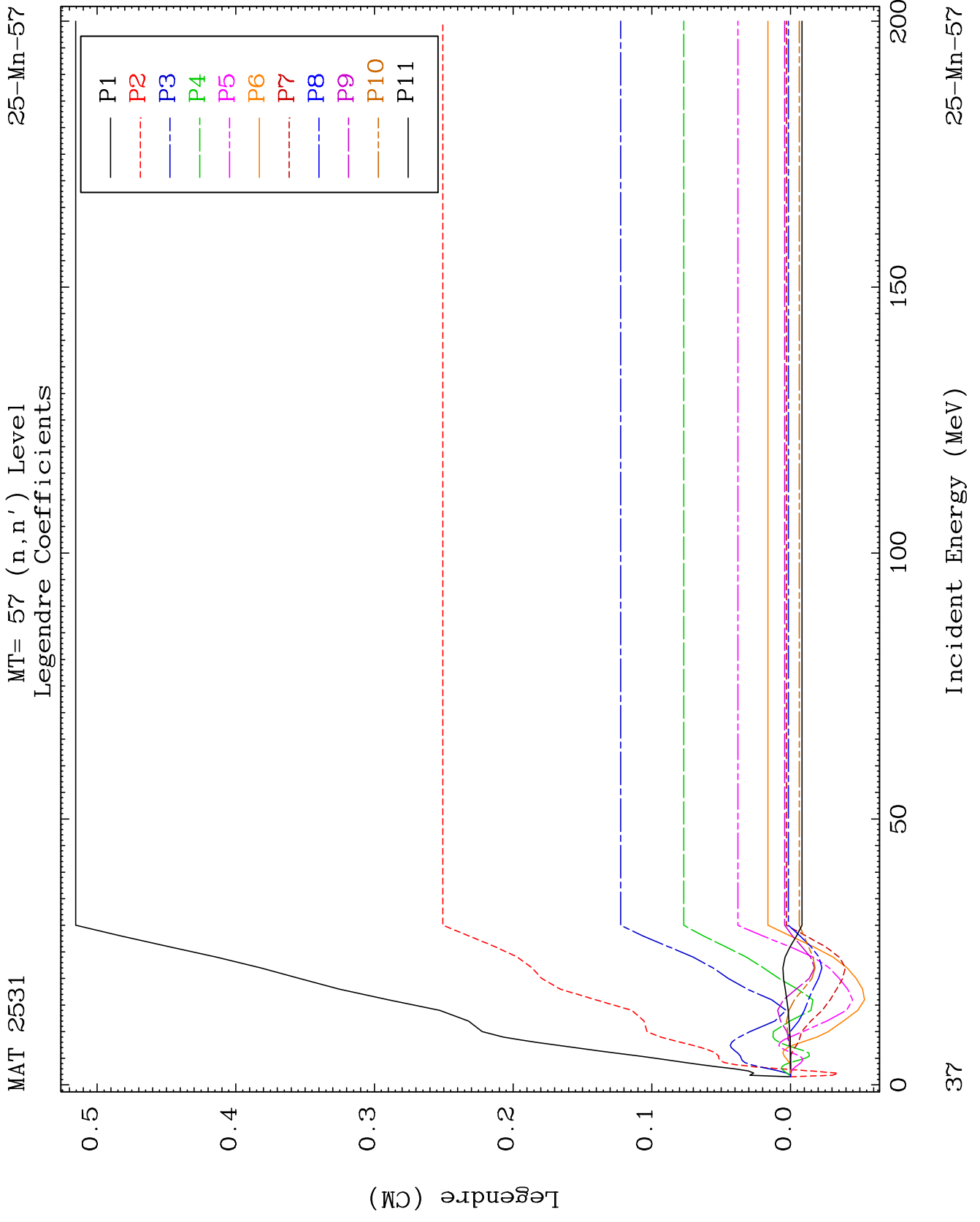


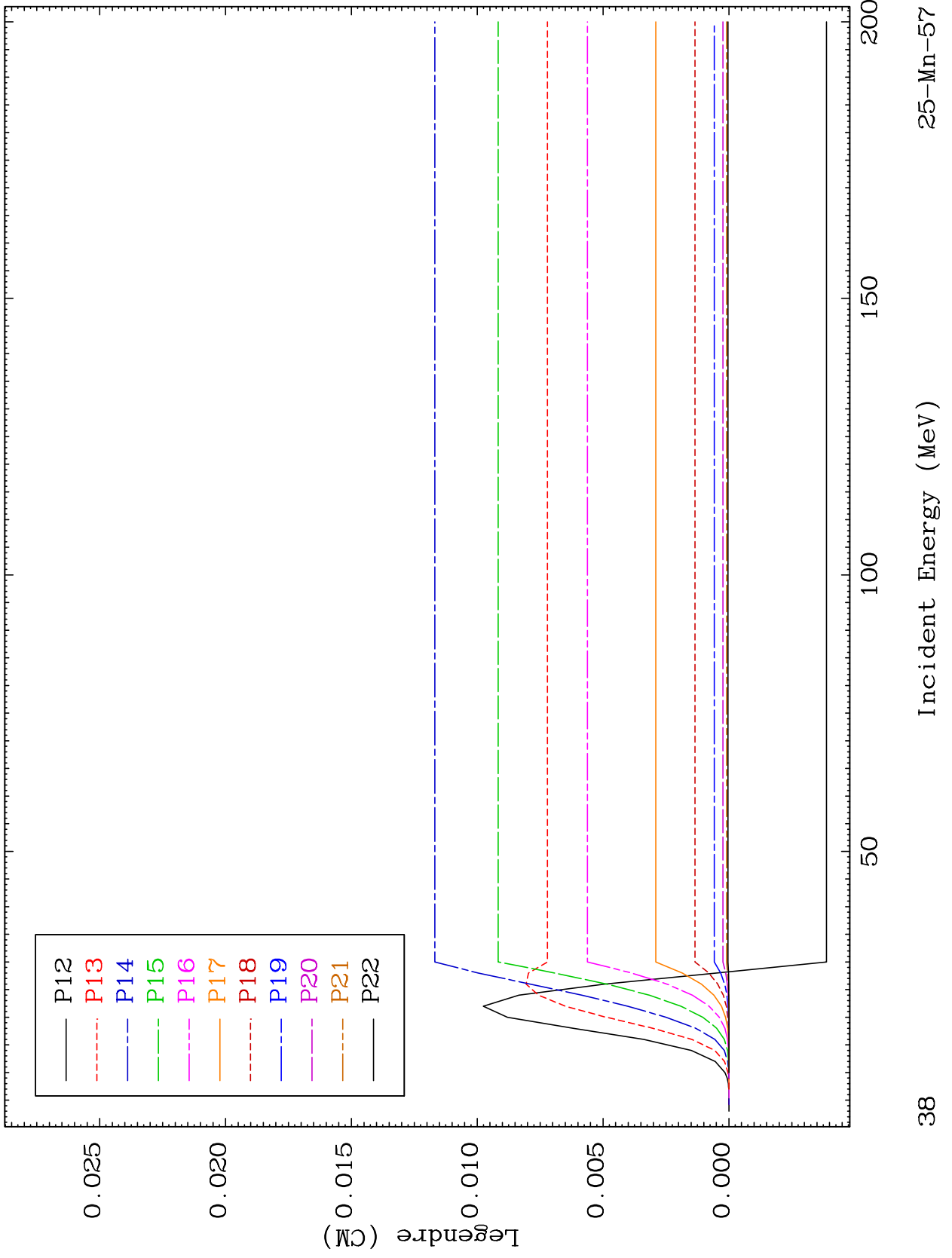
35

Incident Energy (MeV)

25-Mn-57



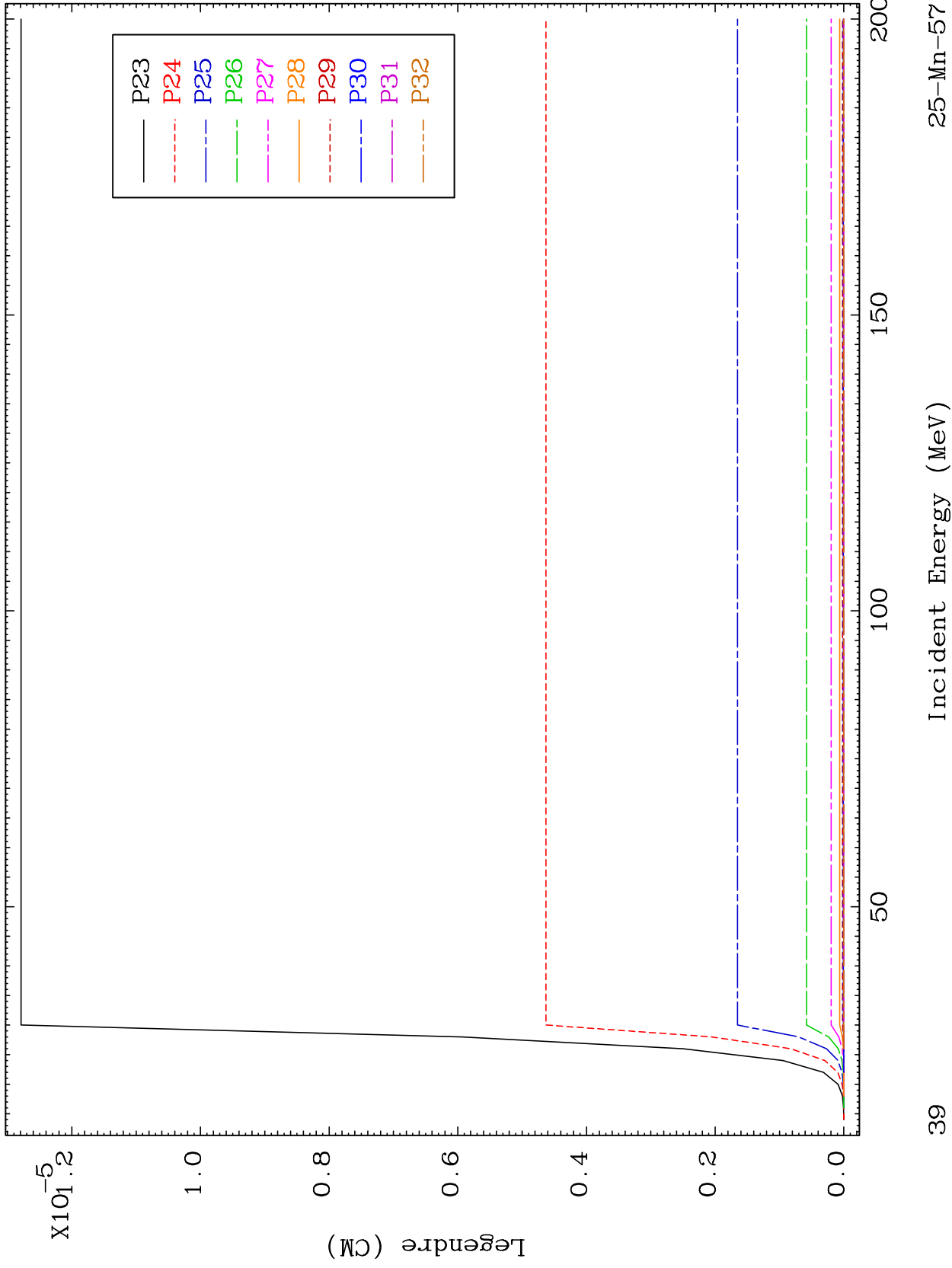




MAT 2531

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

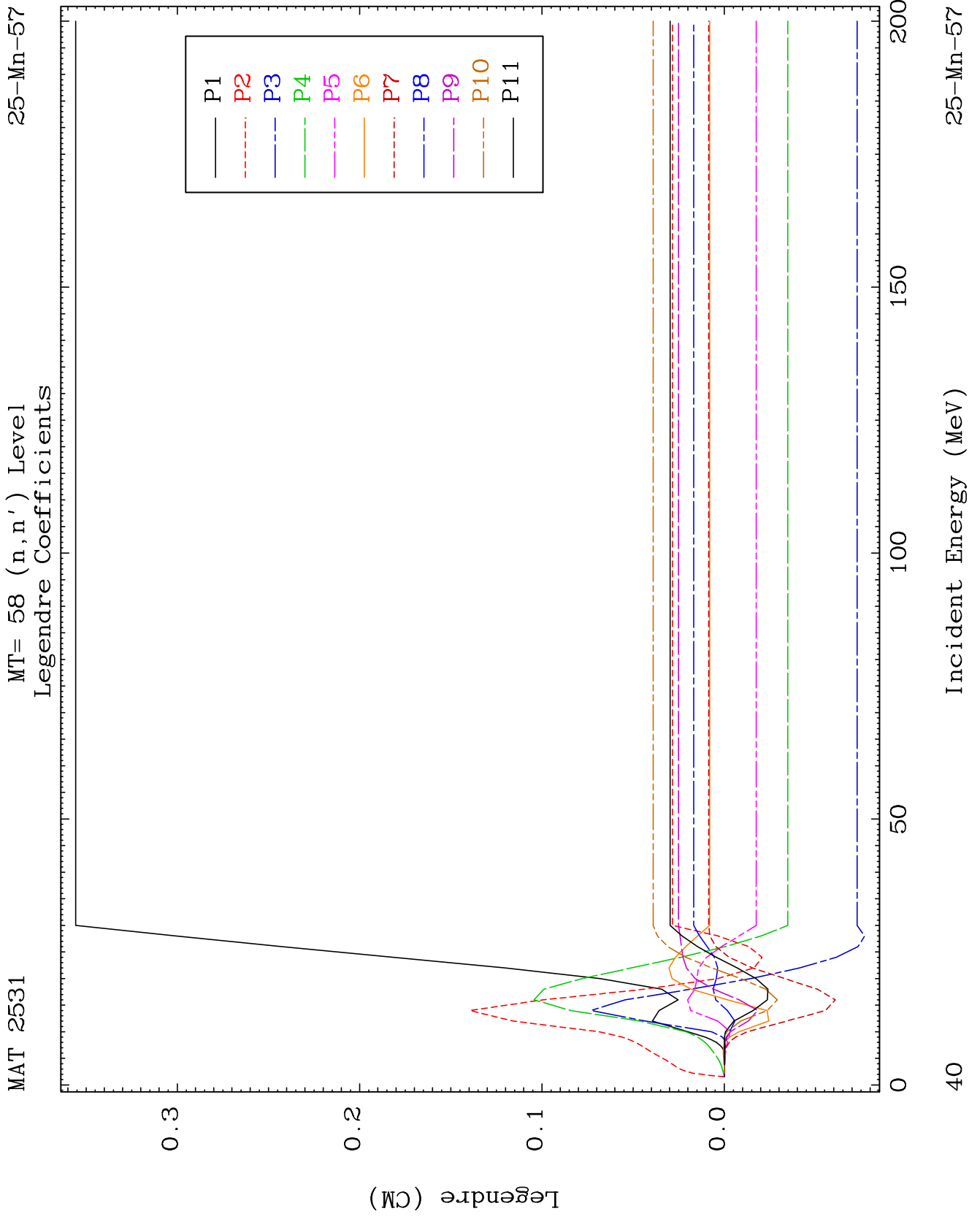
25-Mn-57



39

Incident Energy (MeV)

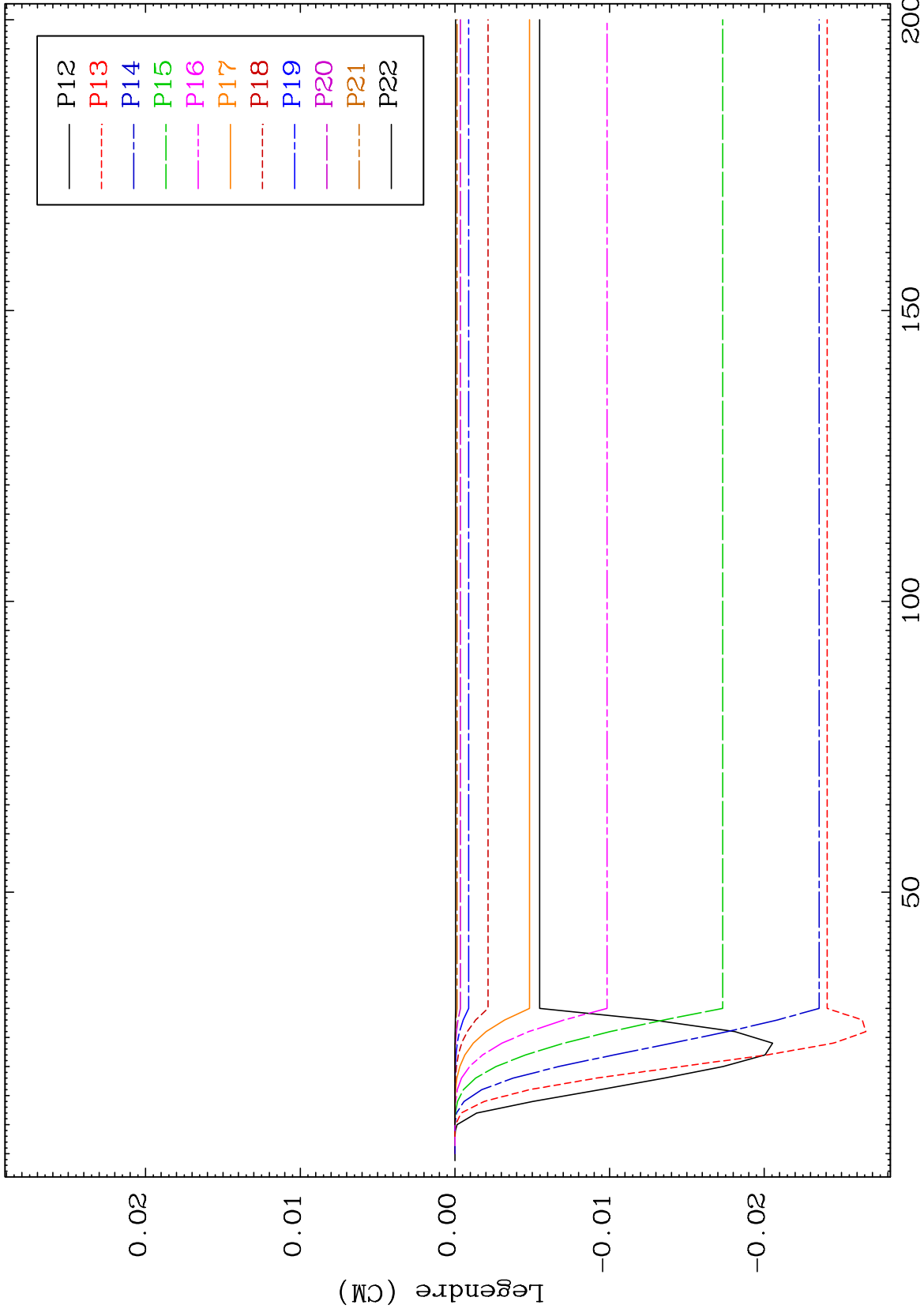
25-Mn-57



MAT 2531

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

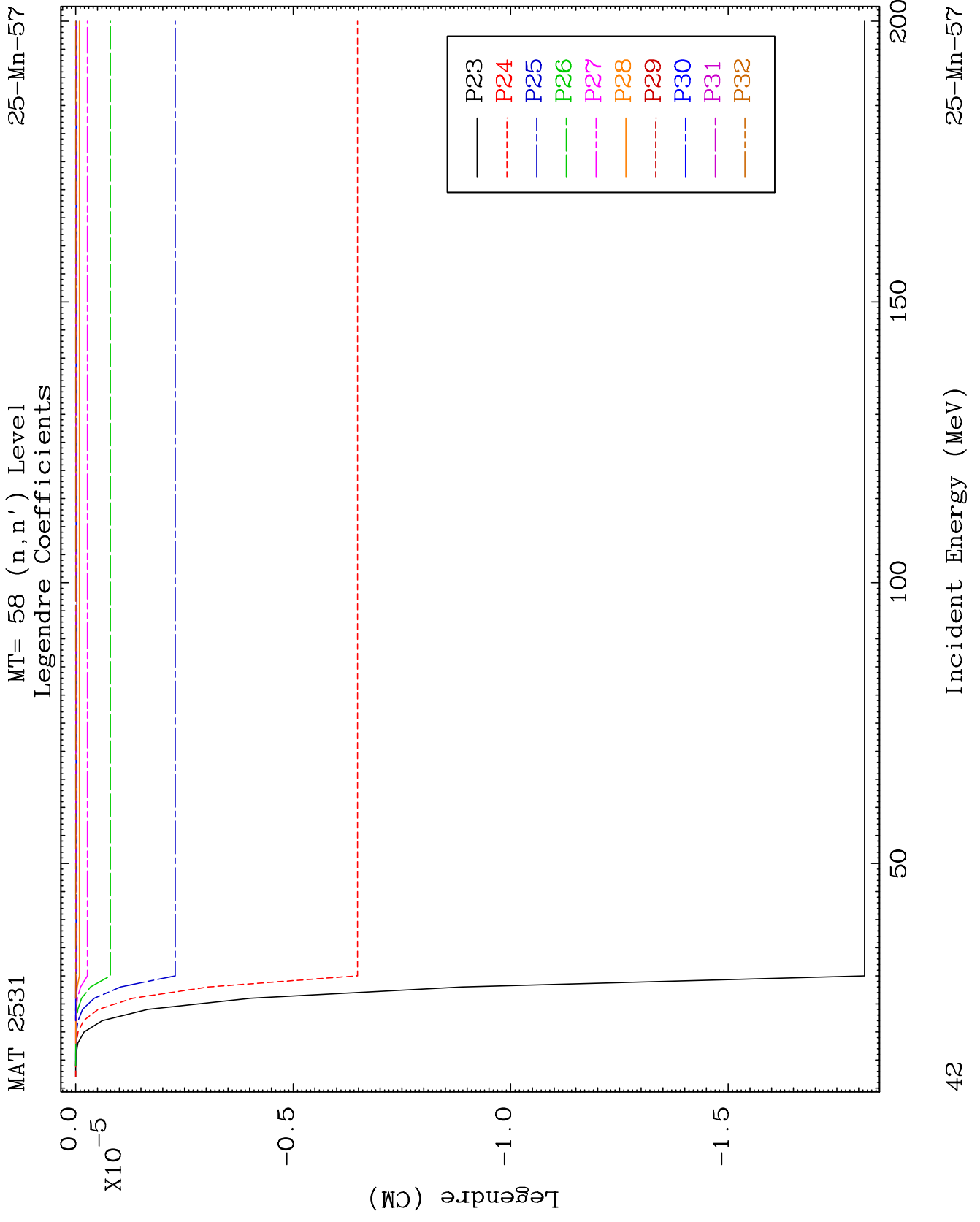
25-Mn-57



41

Incident Energy (MeV)

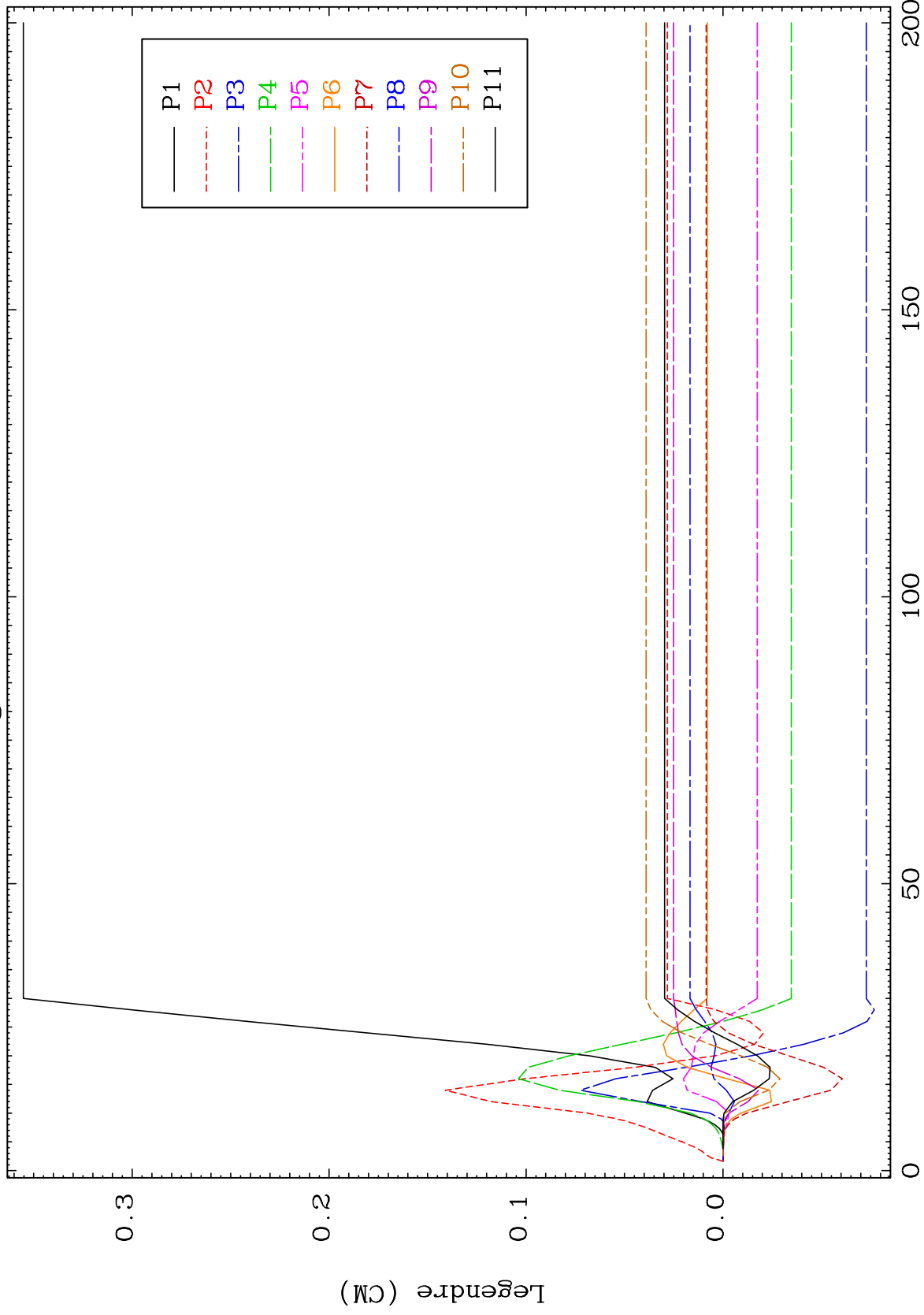
25-Mn-57



MAT 2531

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

25-Mn-57



43

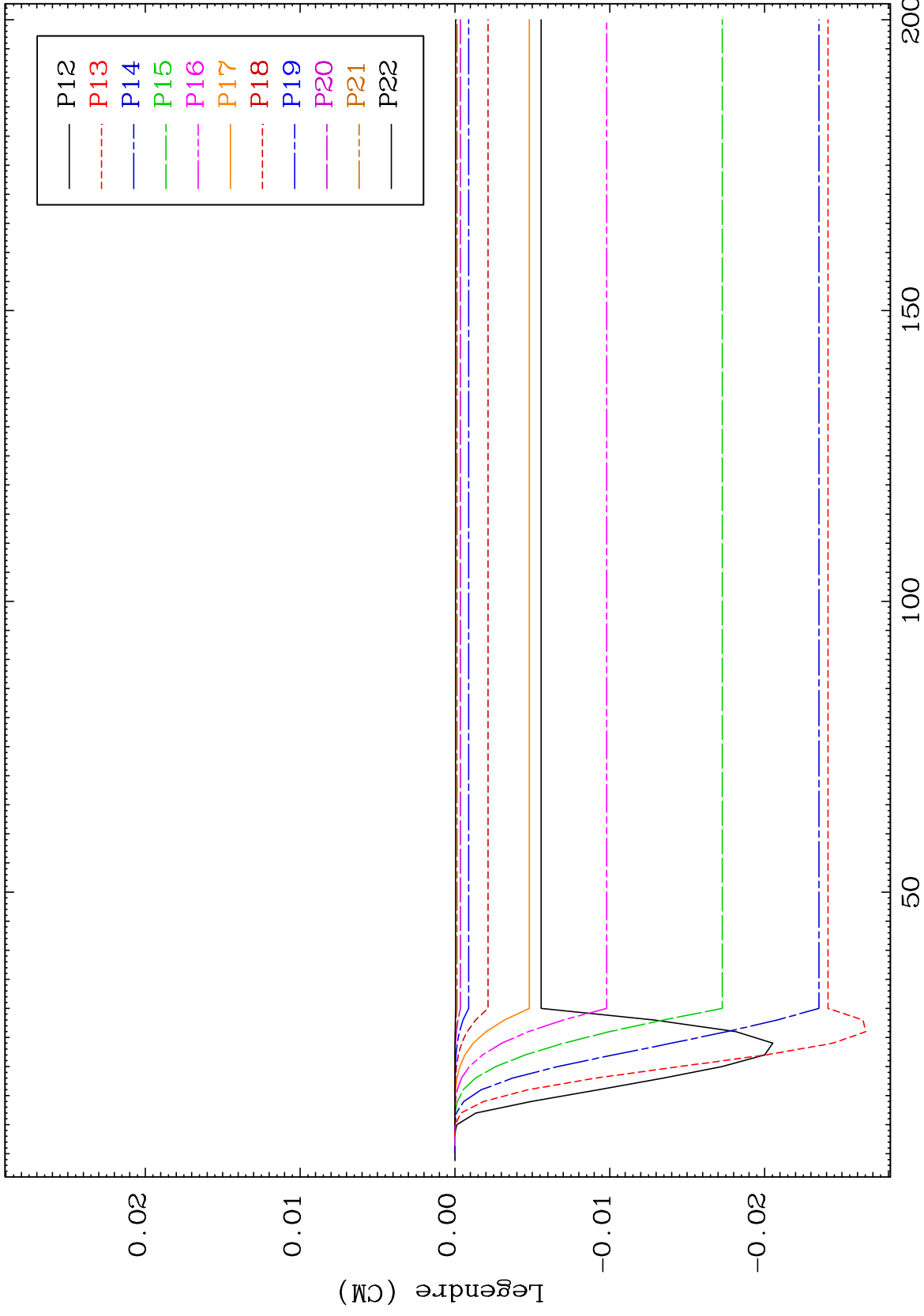
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

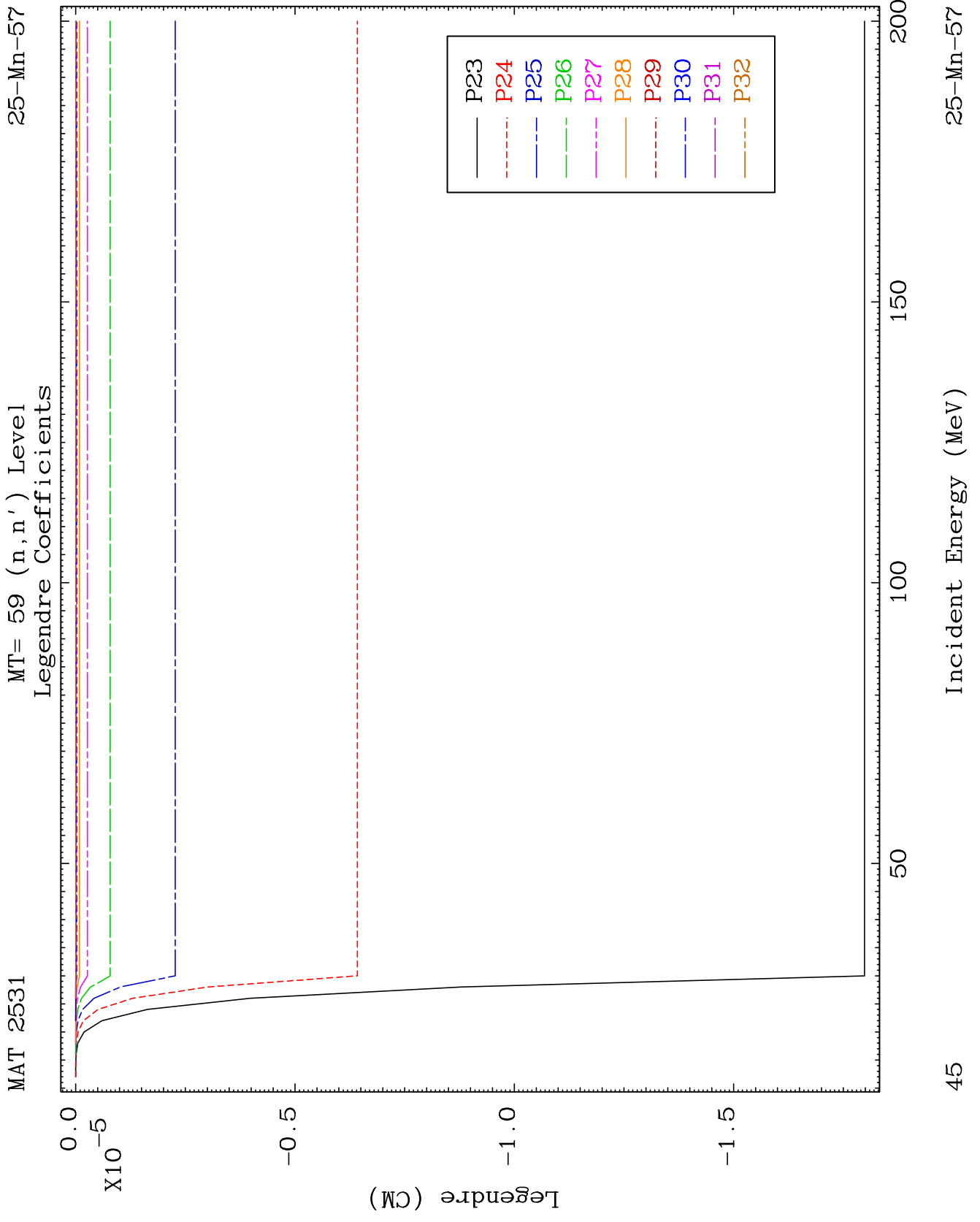
25-Mn-57

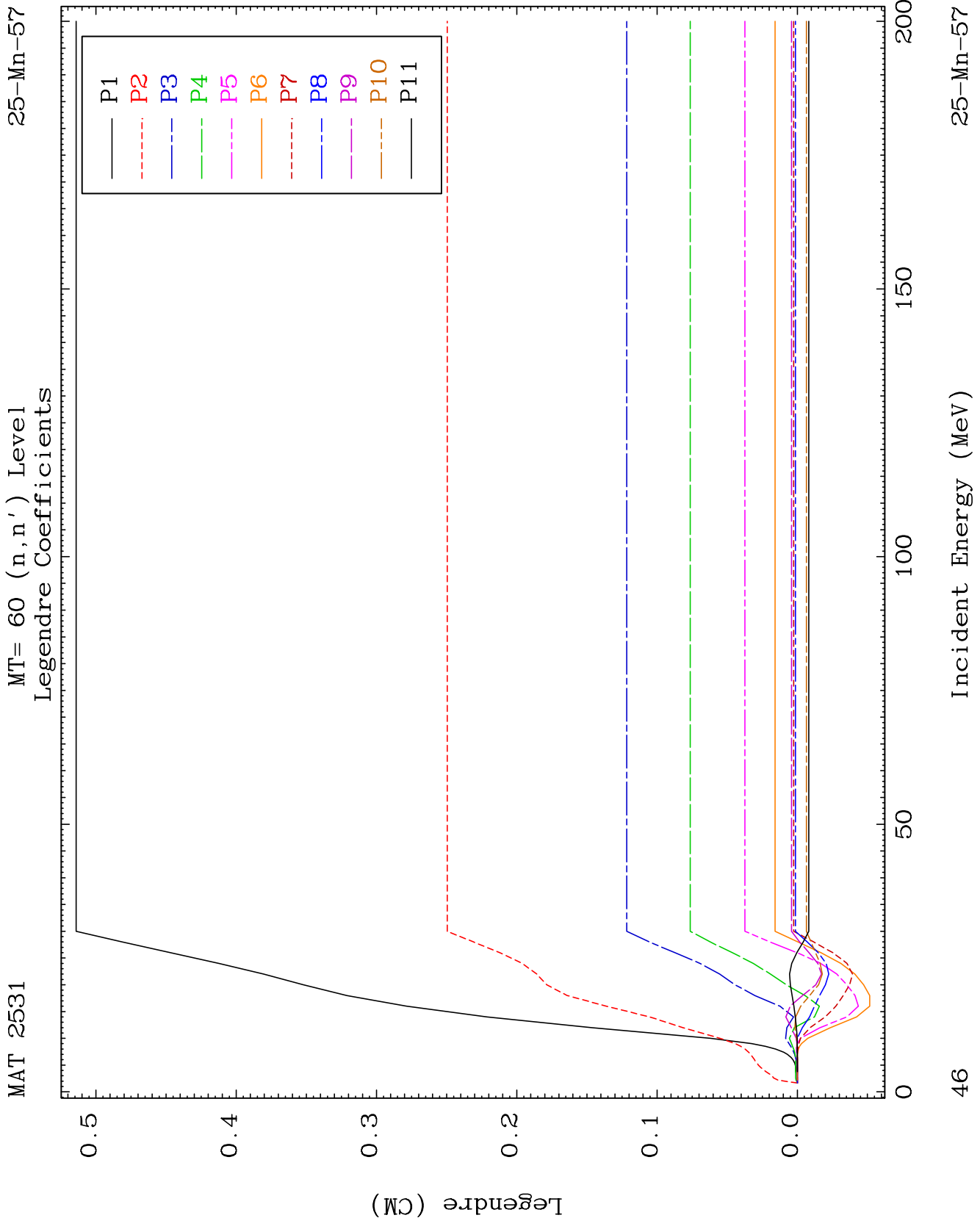


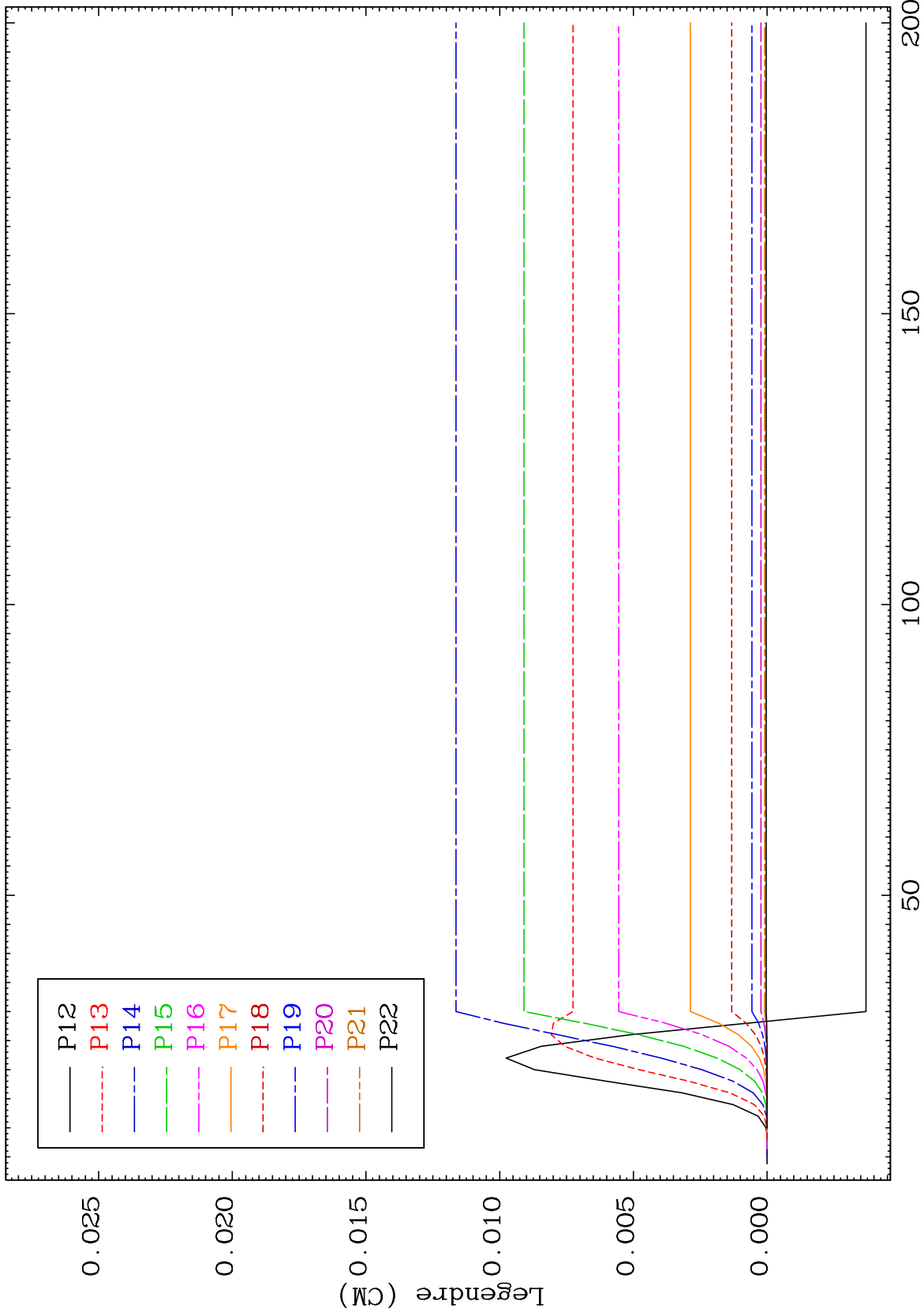
44

Incident Energy (MeV)

25-Mn-57



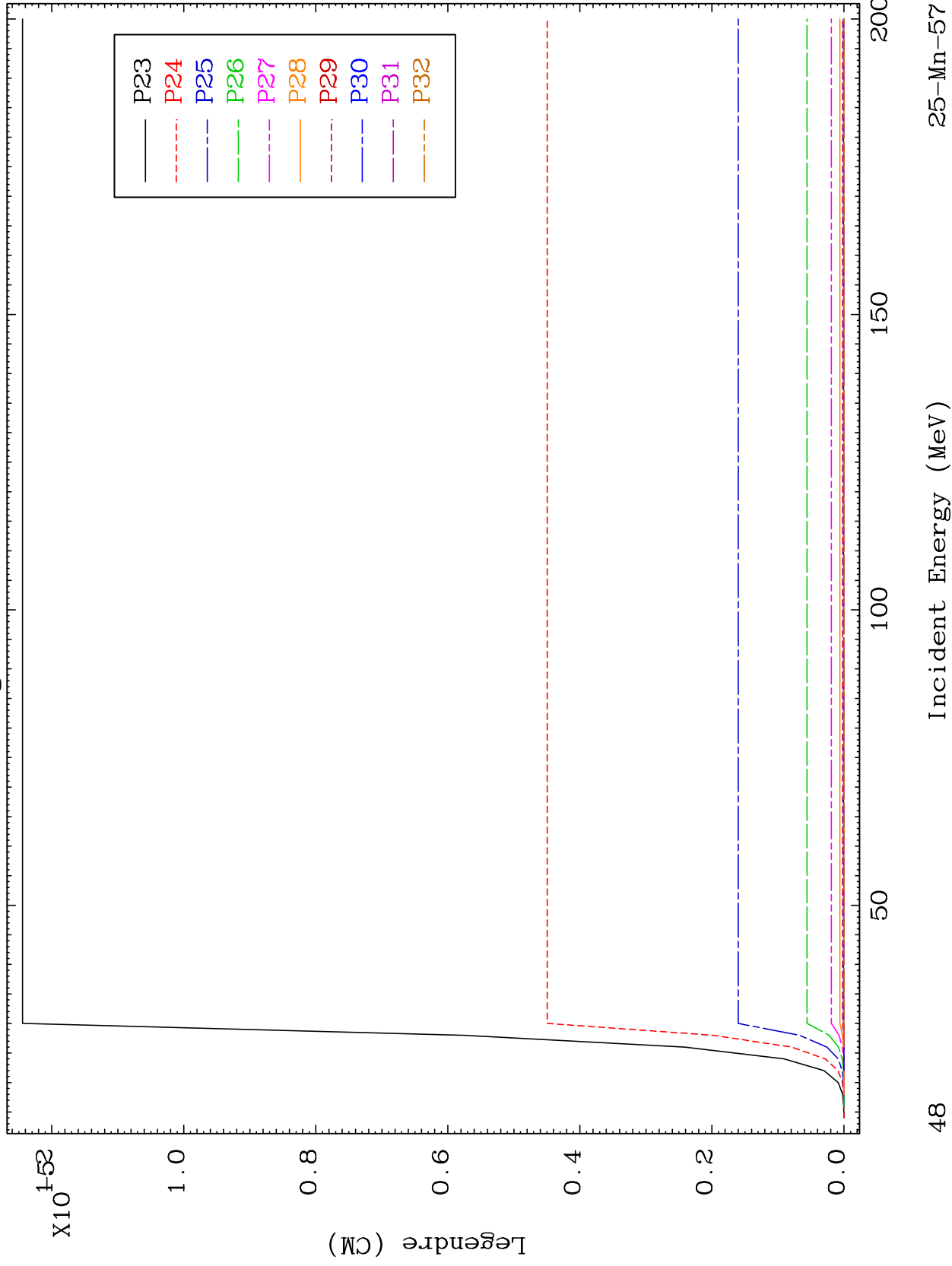


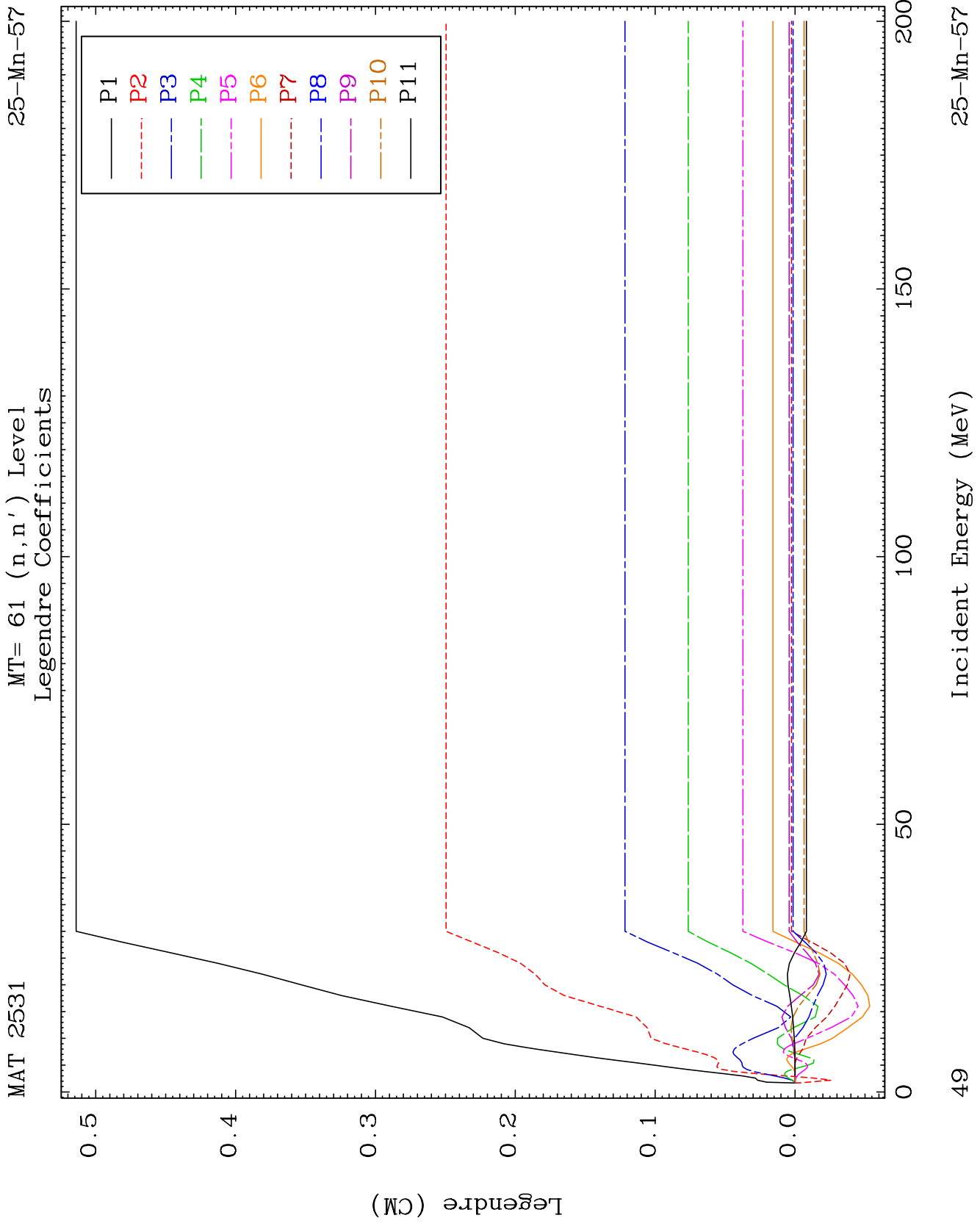


MAT 2531

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

25-Mn-57

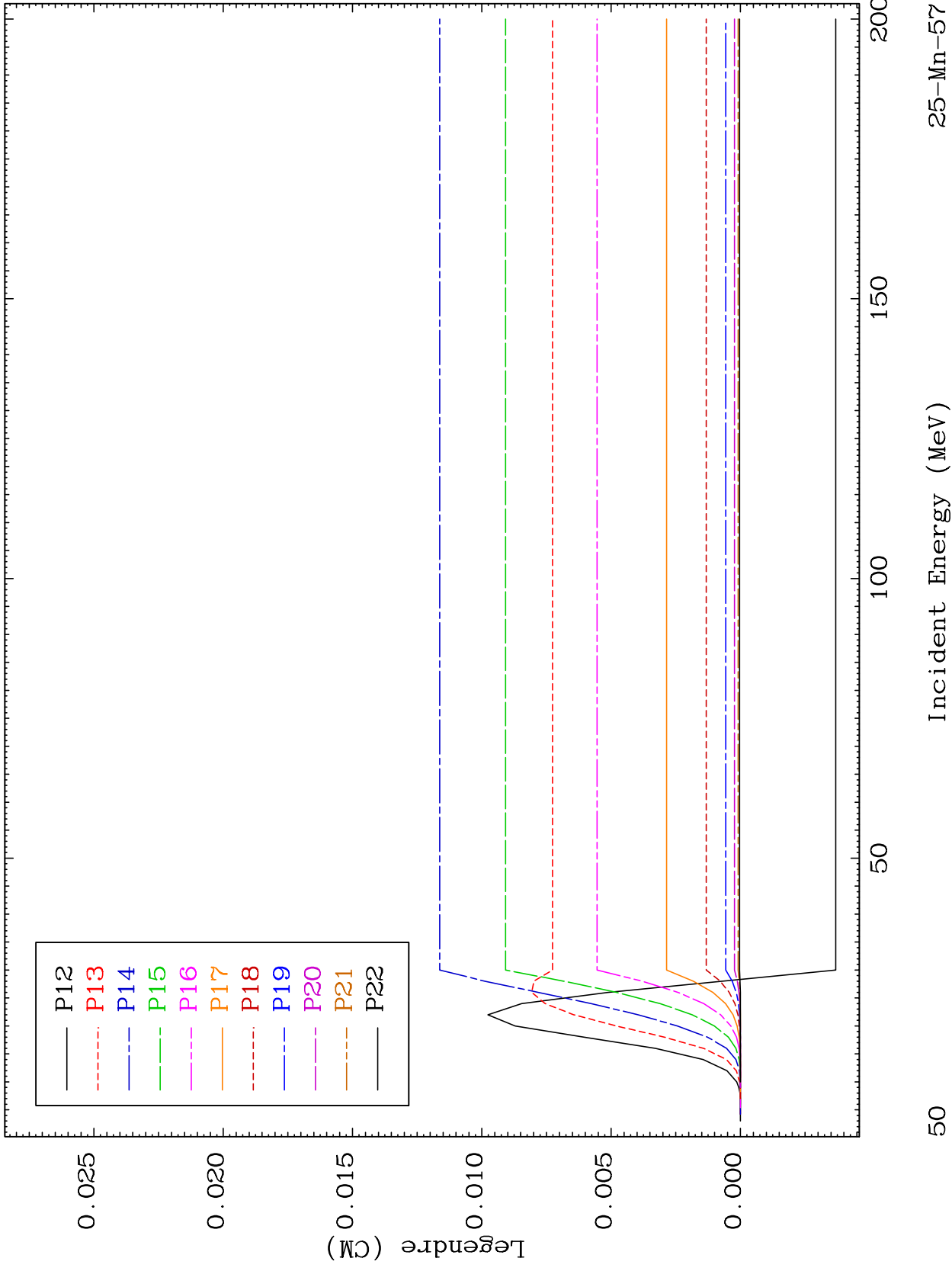




MAT 2531

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

25-Mn-57



50

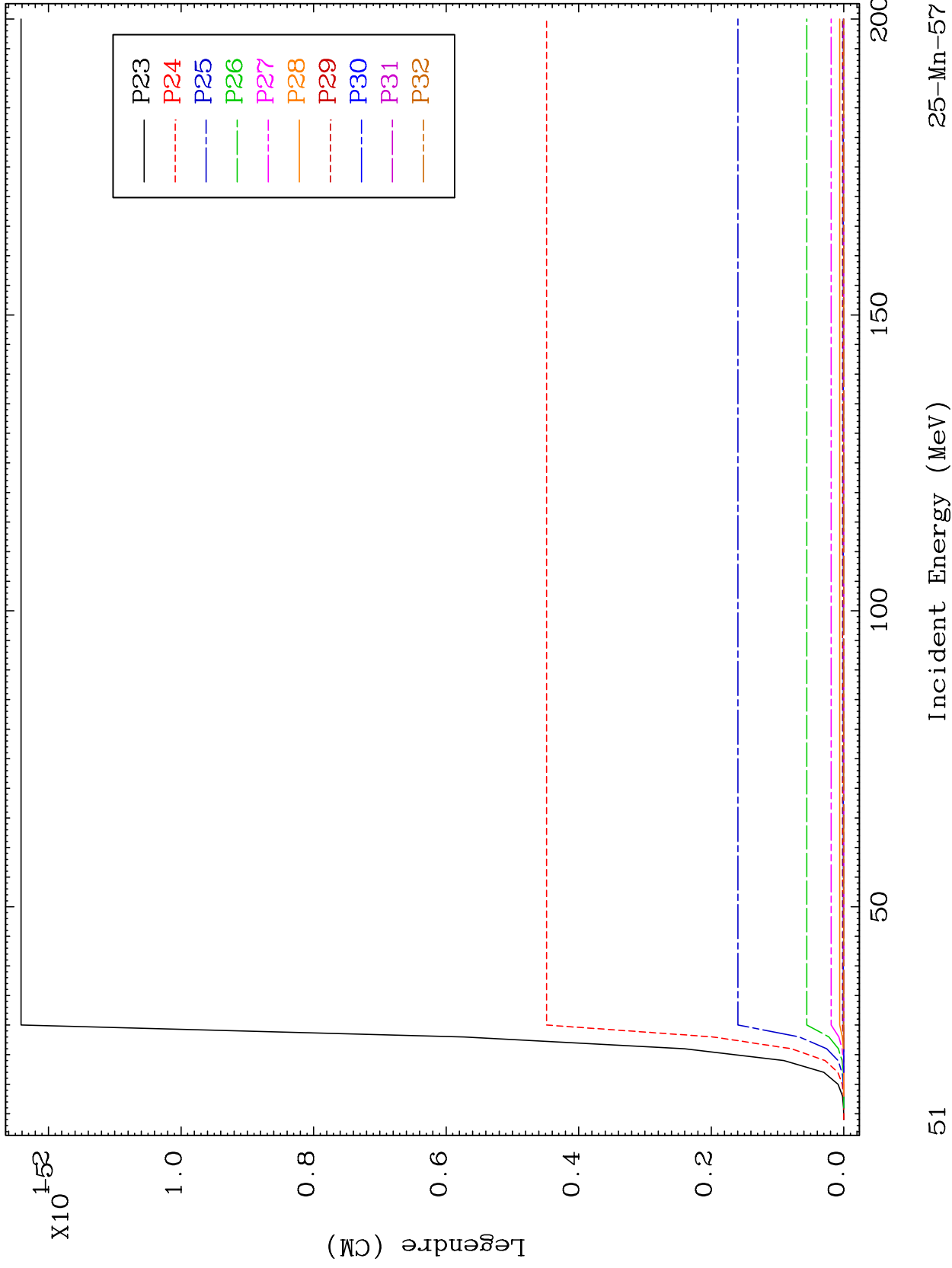
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



51

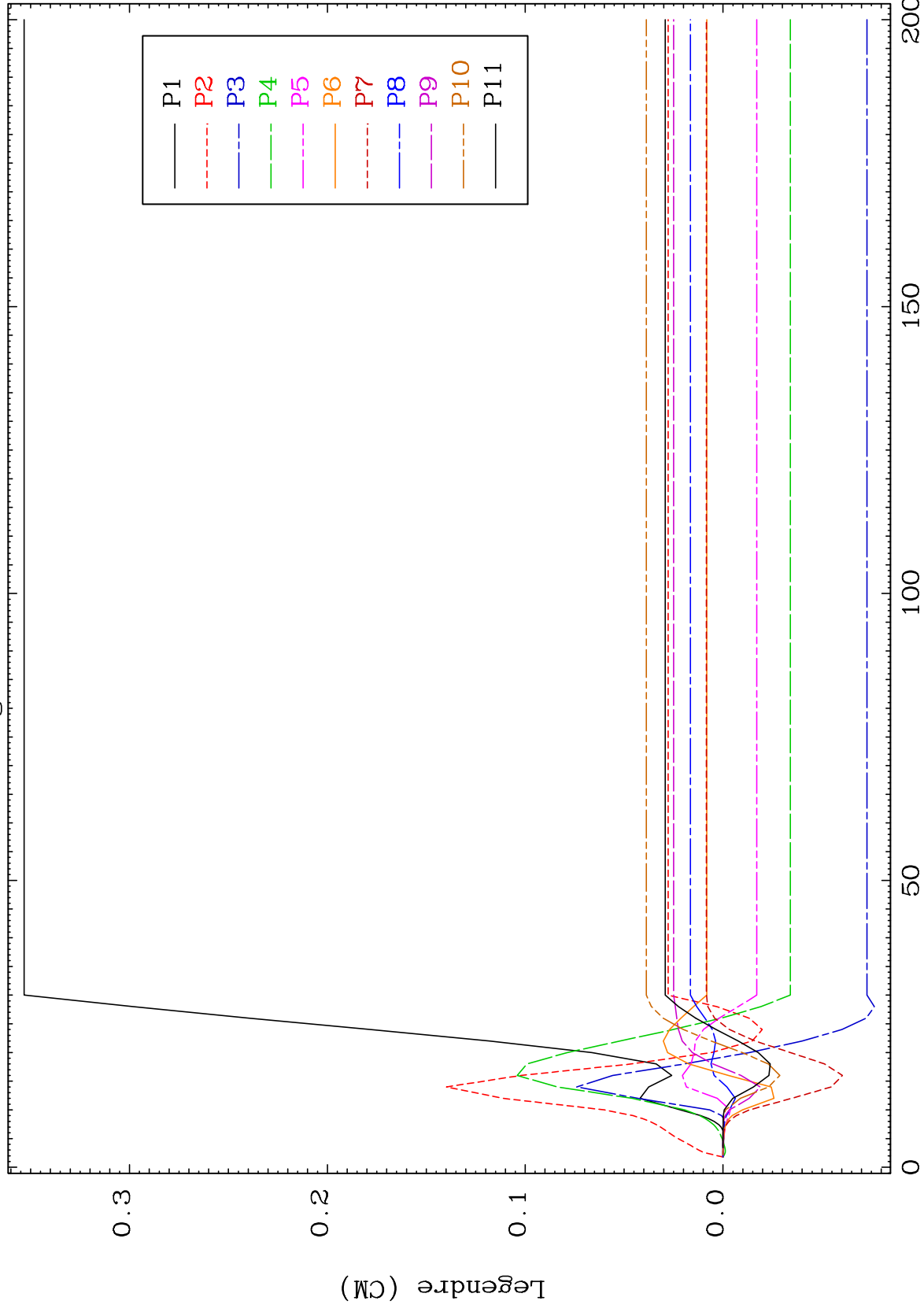
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



52

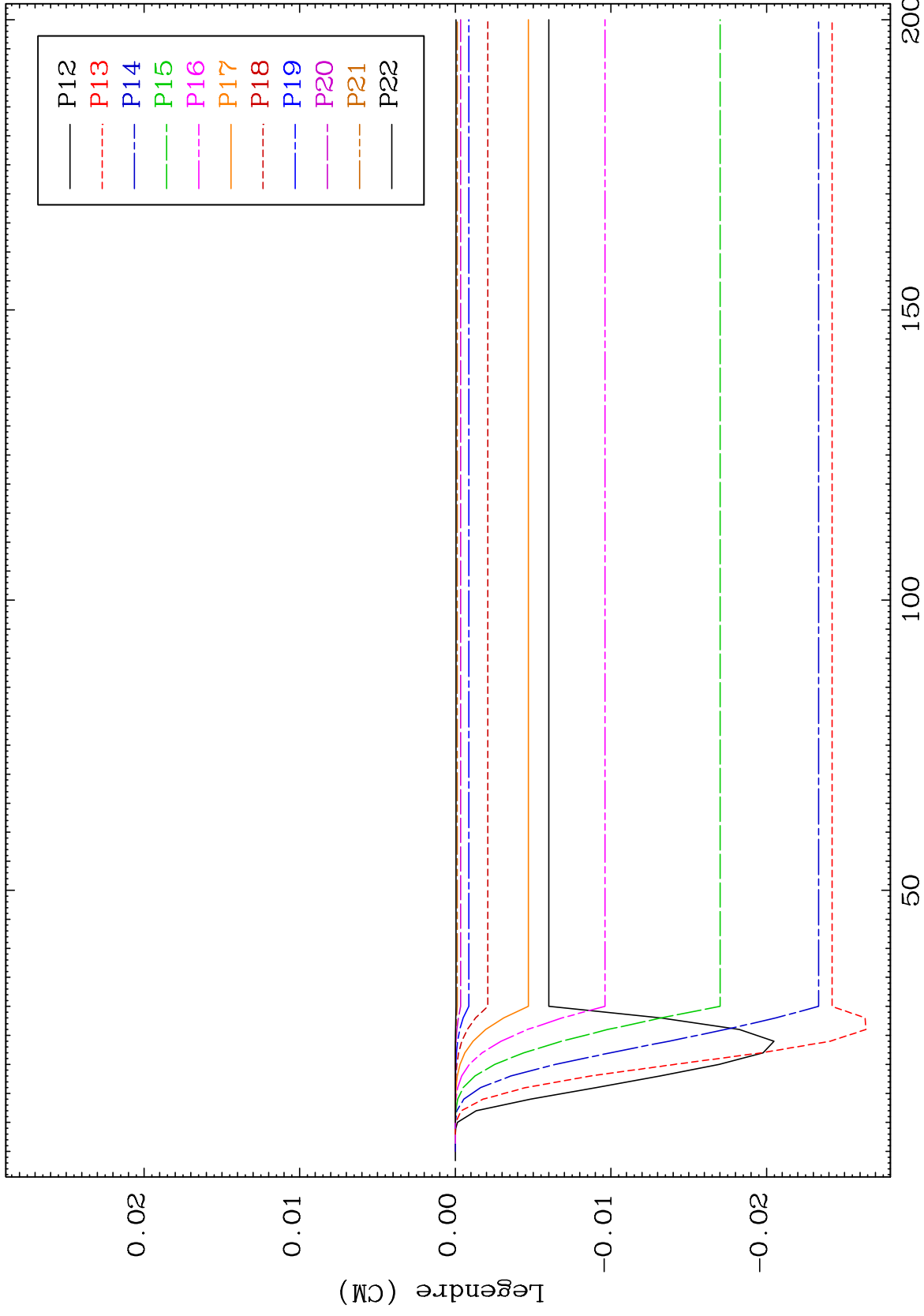
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

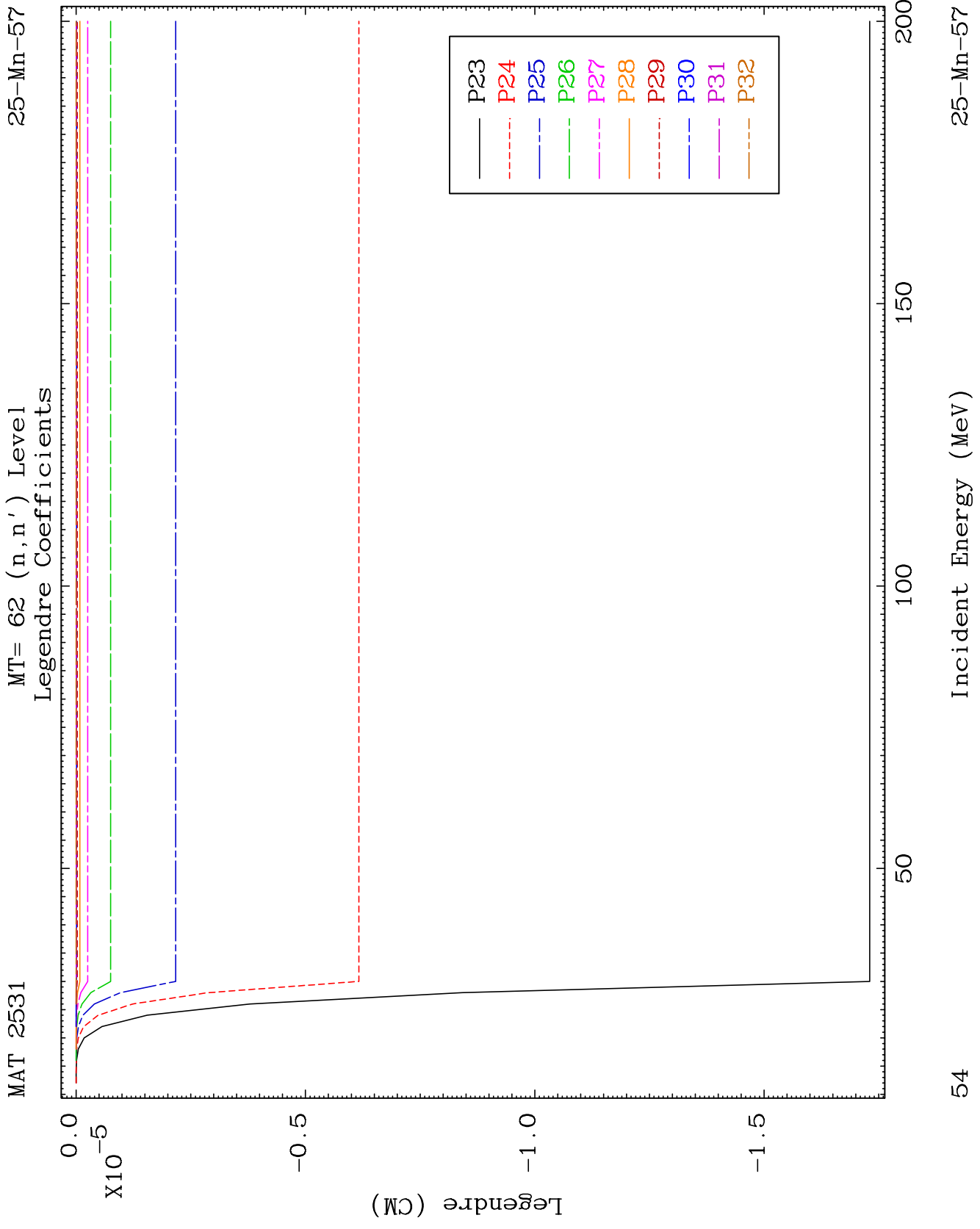
25-Mn-57

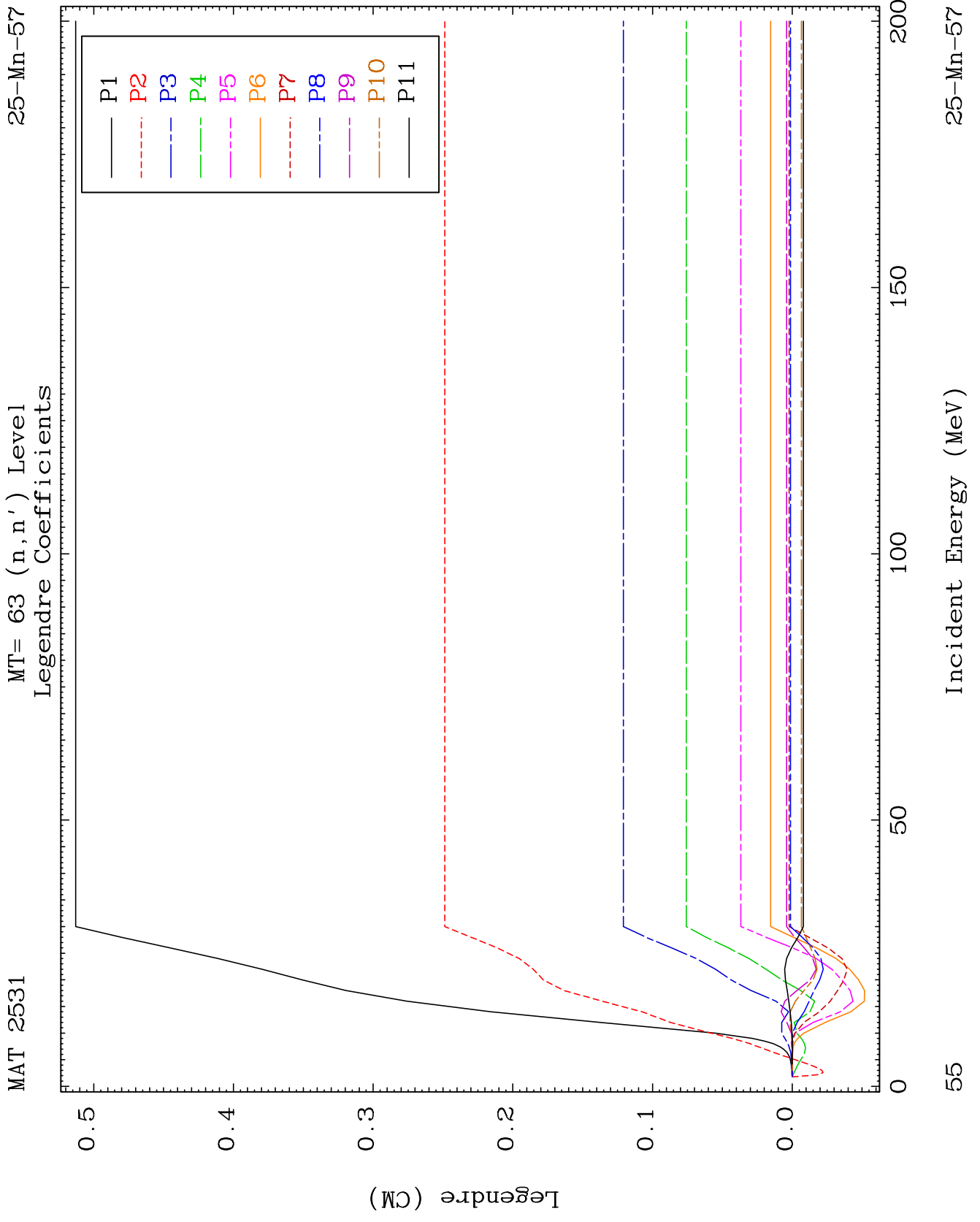


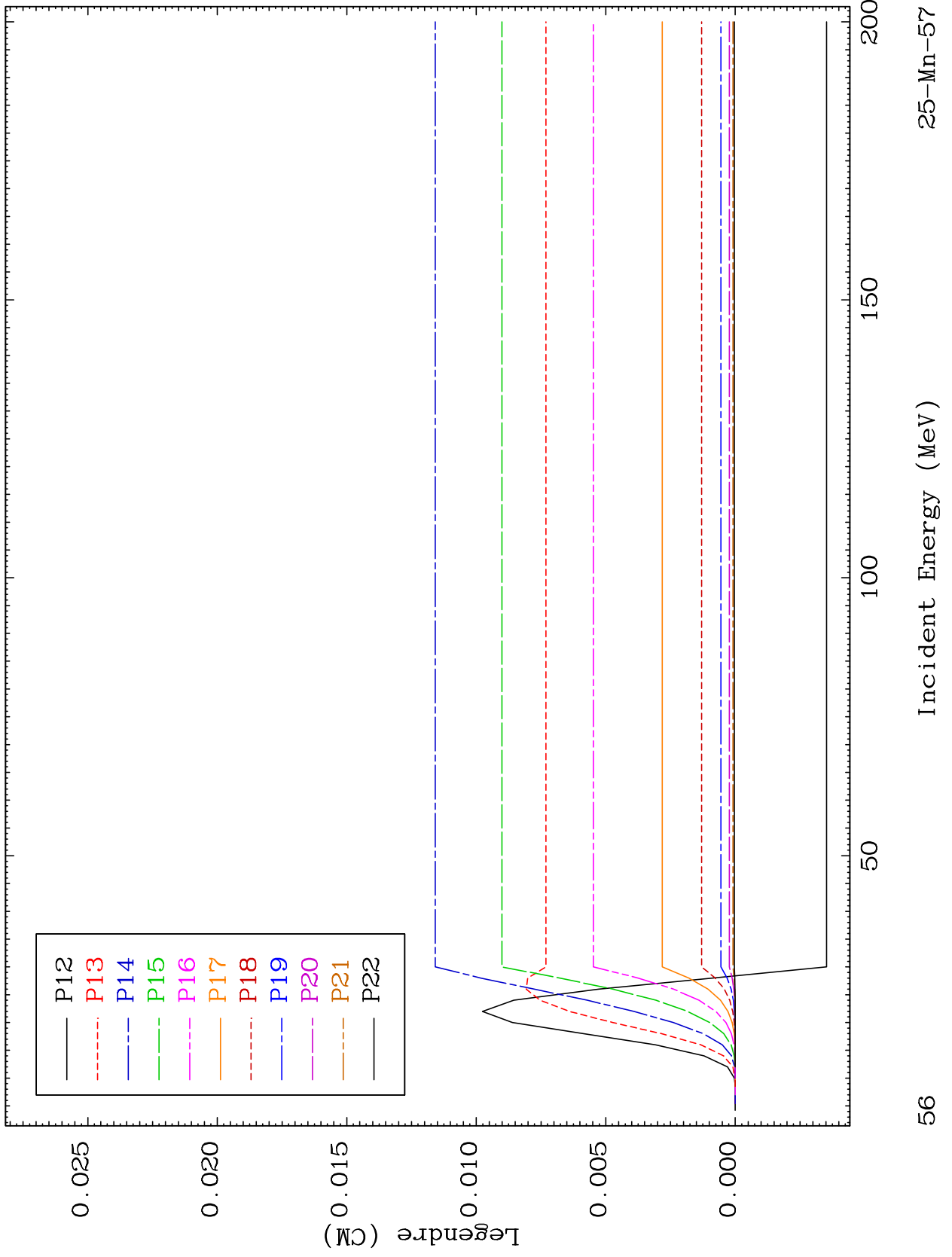
53

Incident Energy (MeV)

25-Mn-57



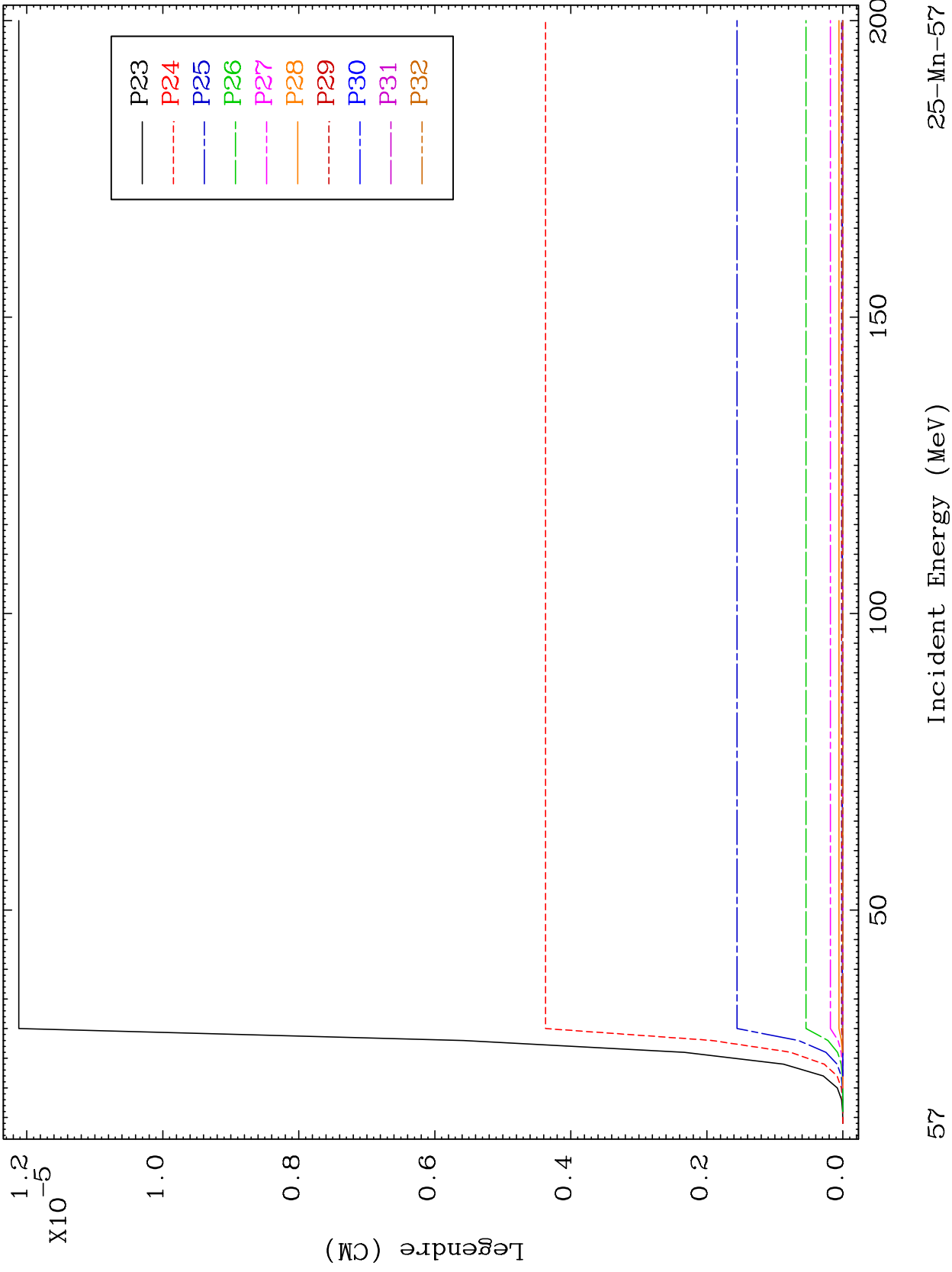




MAT 2531

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

25-Mn-57



57

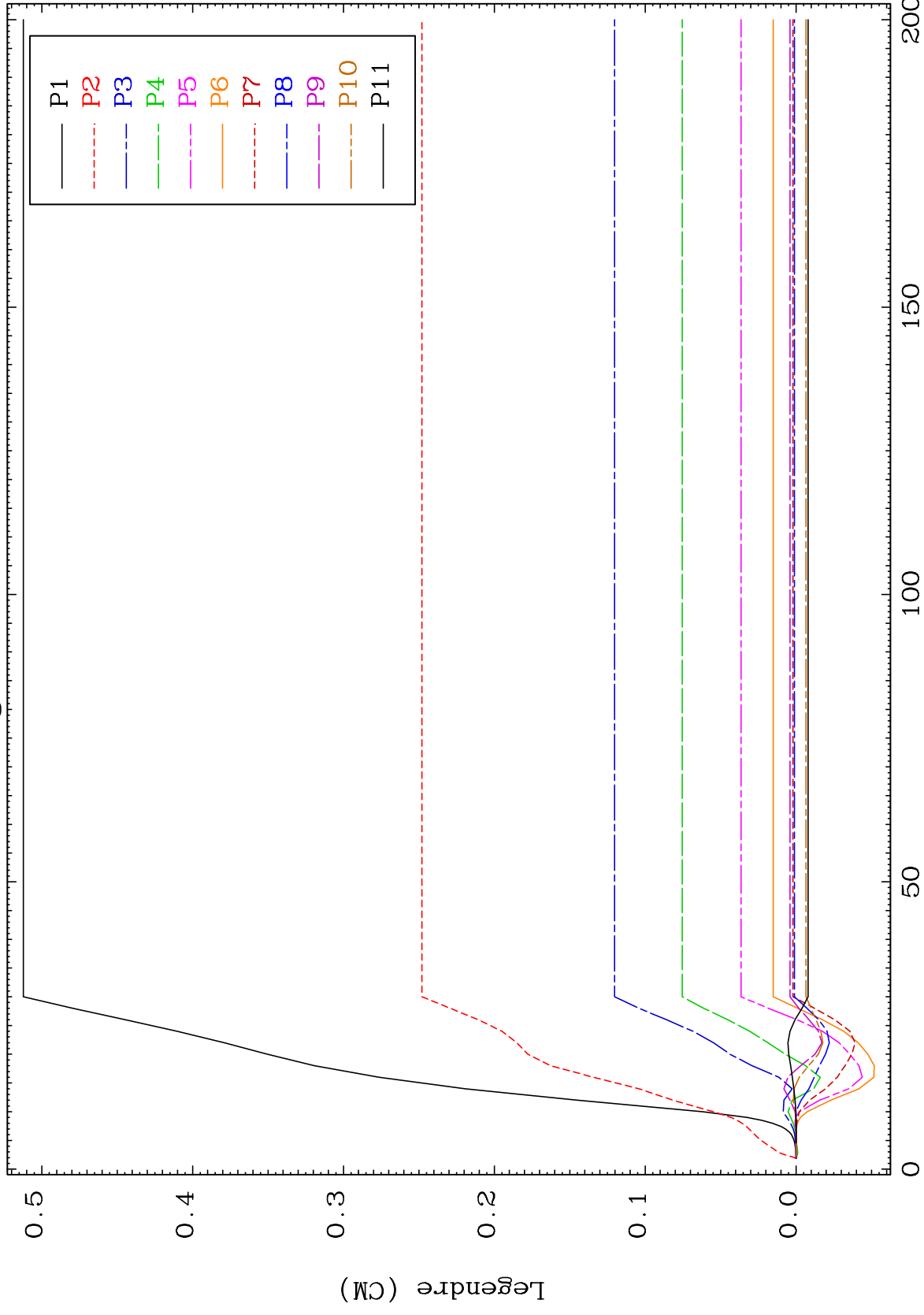
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

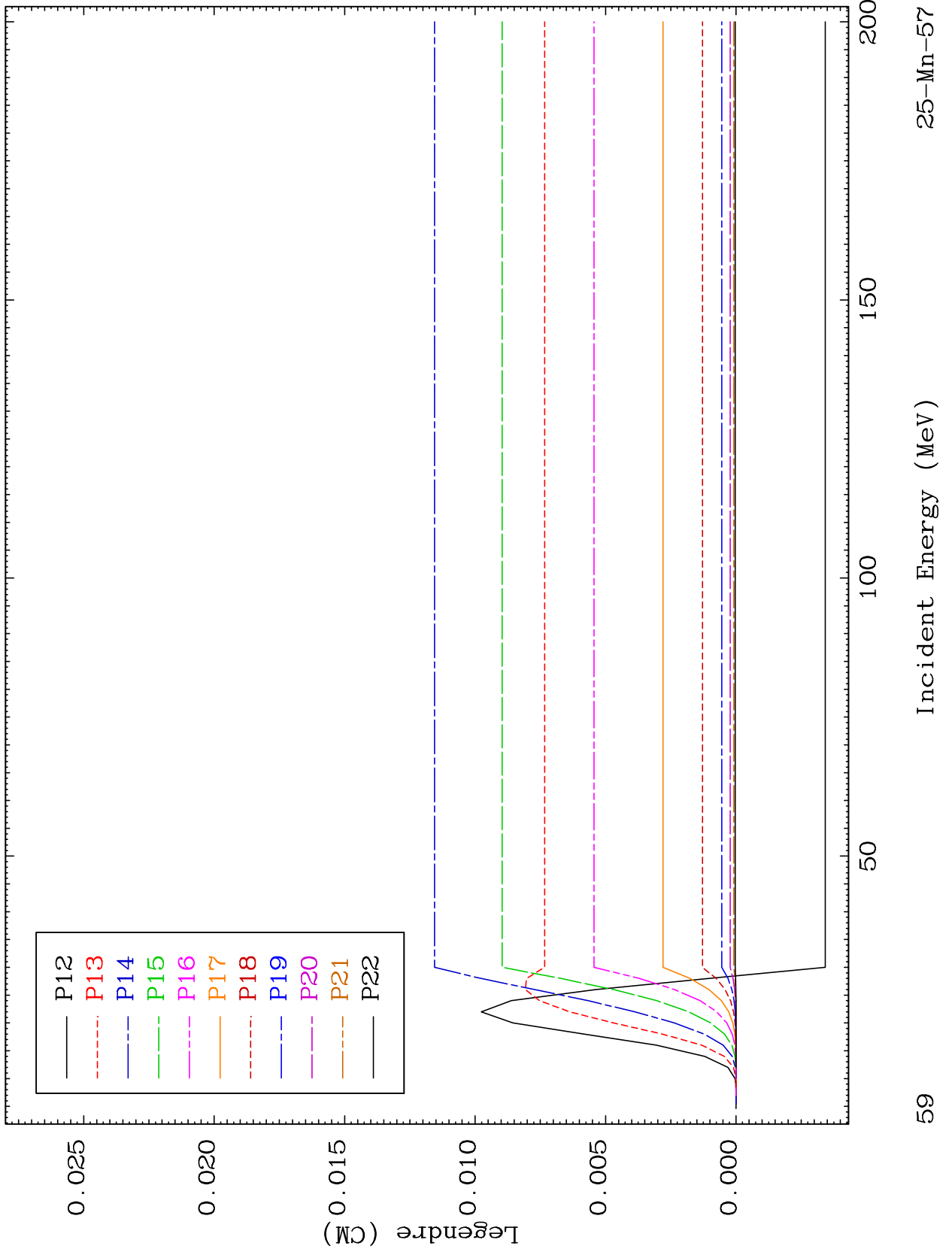
25-Mn-57



58

Incident Energy (MeV)

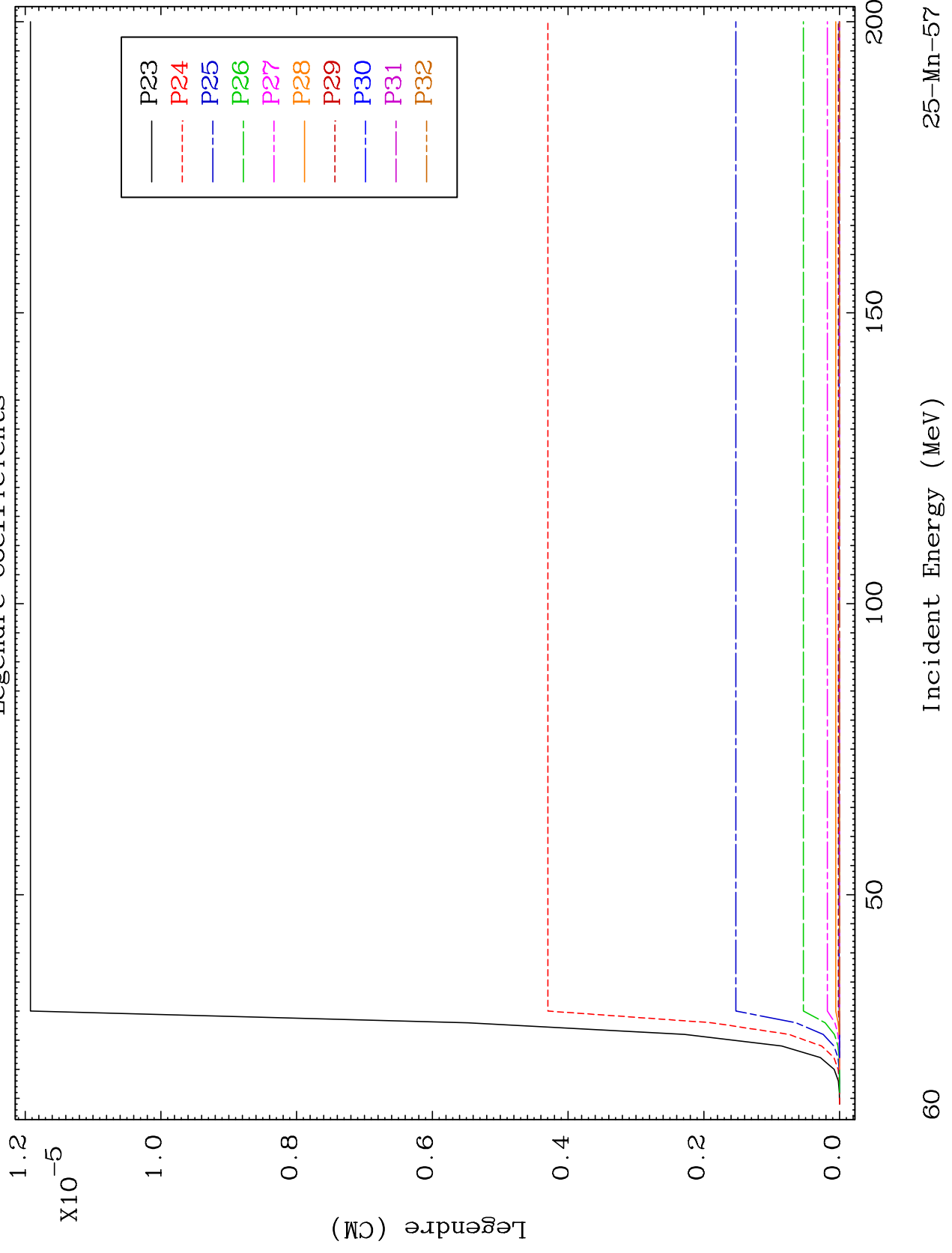
25-Mn-57



MAT 2531

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

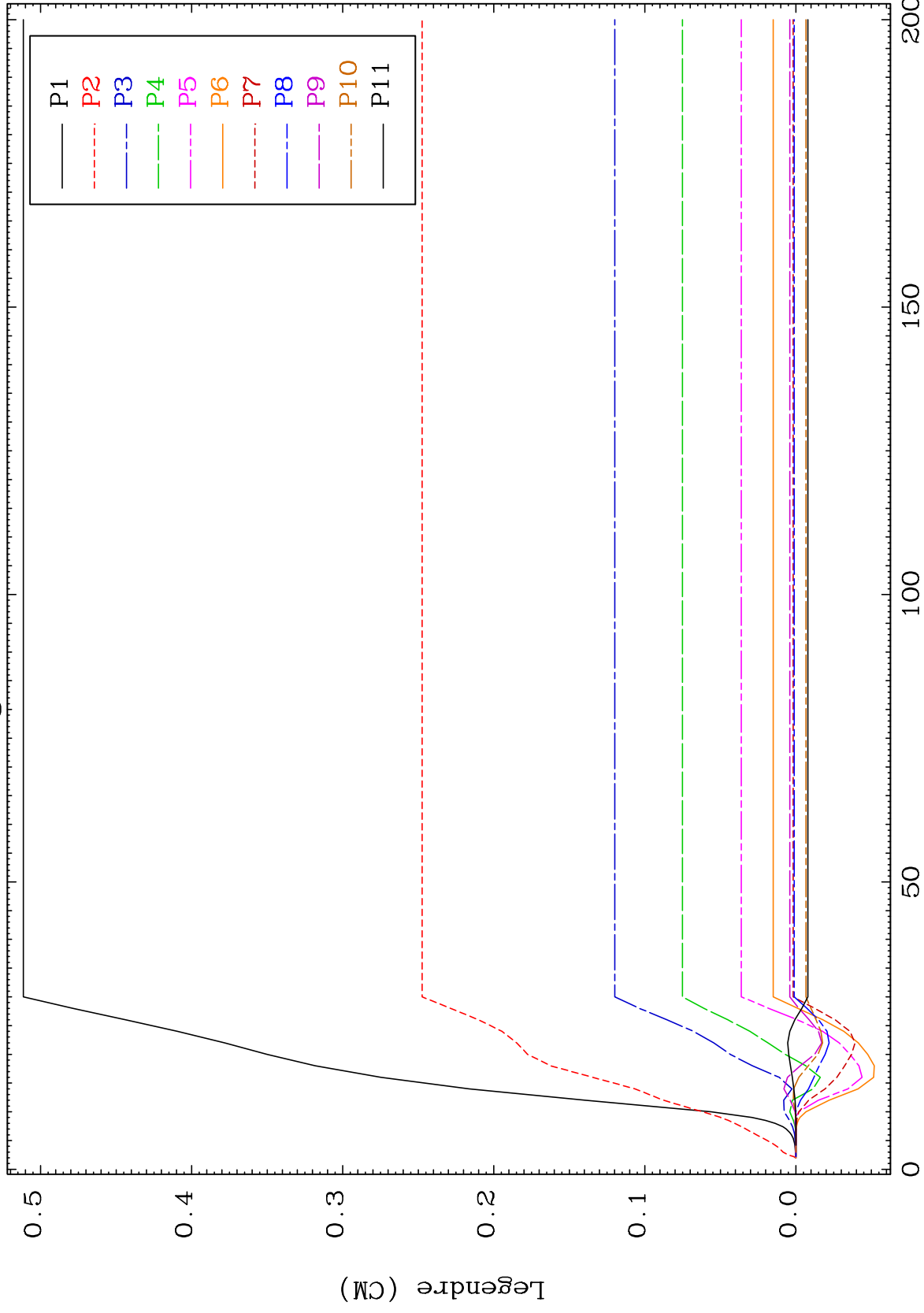
25-Mn-57



MAT 2531

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

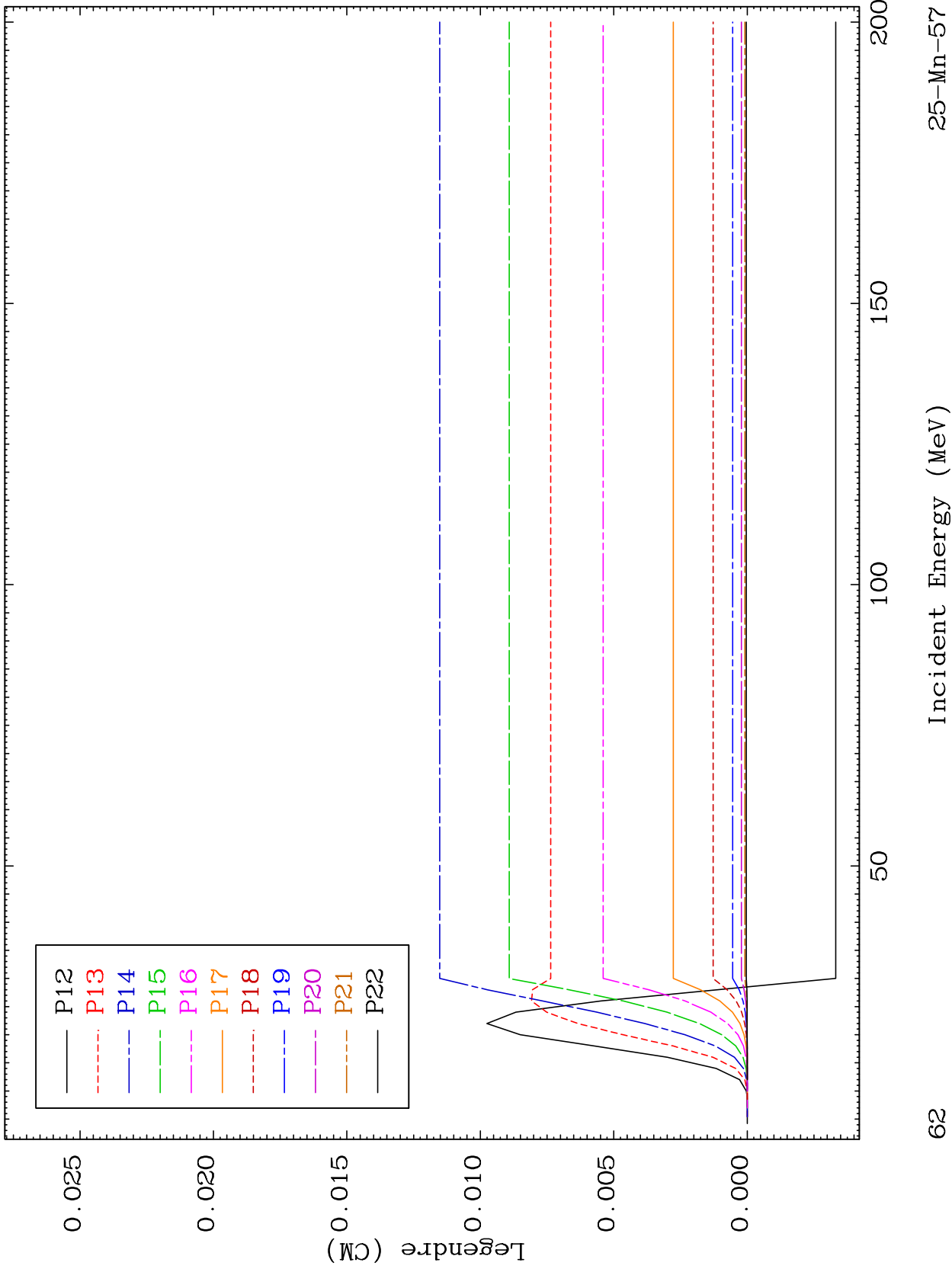
25-Mn-57



25-Mn-57

Incident Energy (MeV)

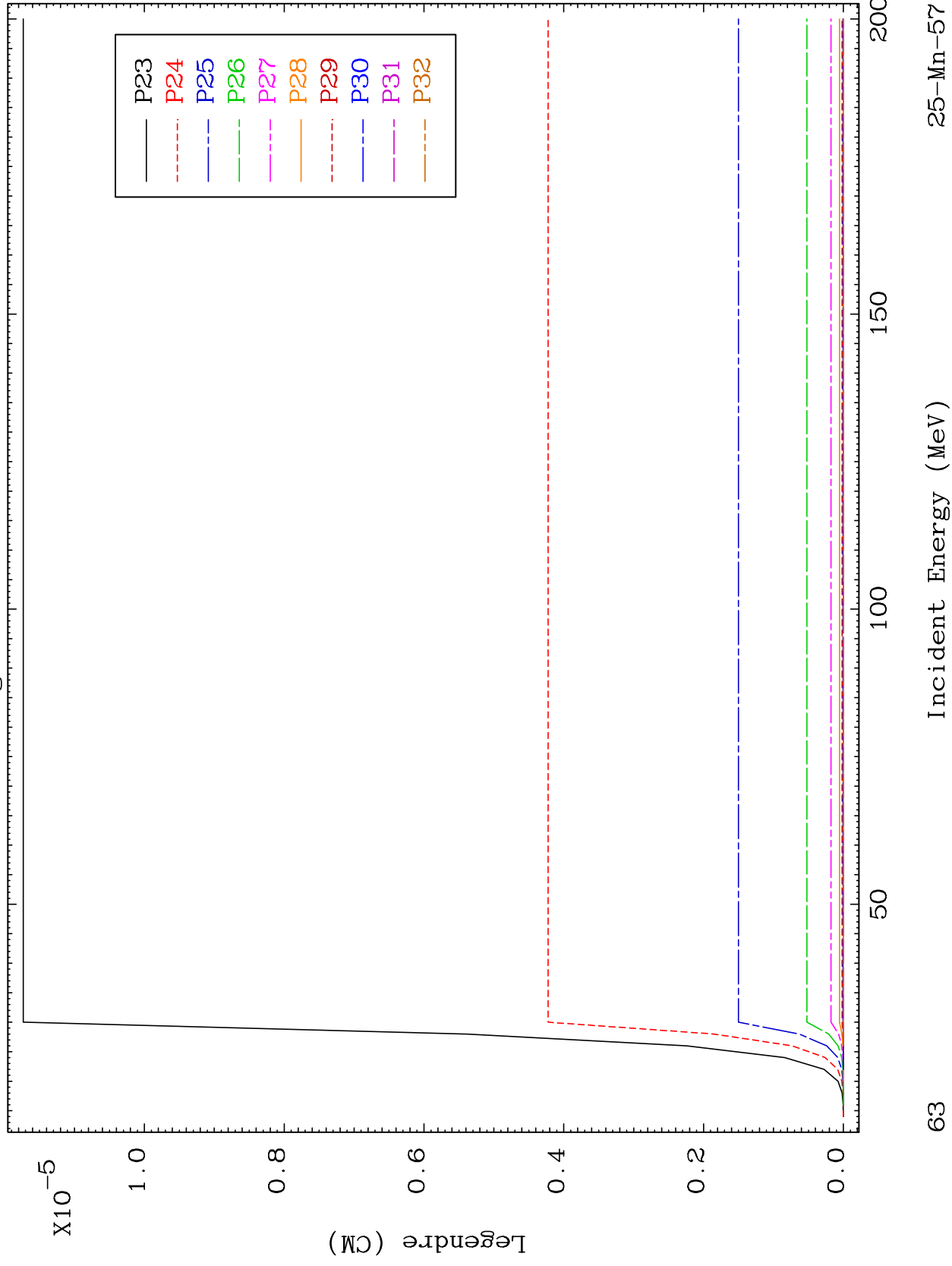
61

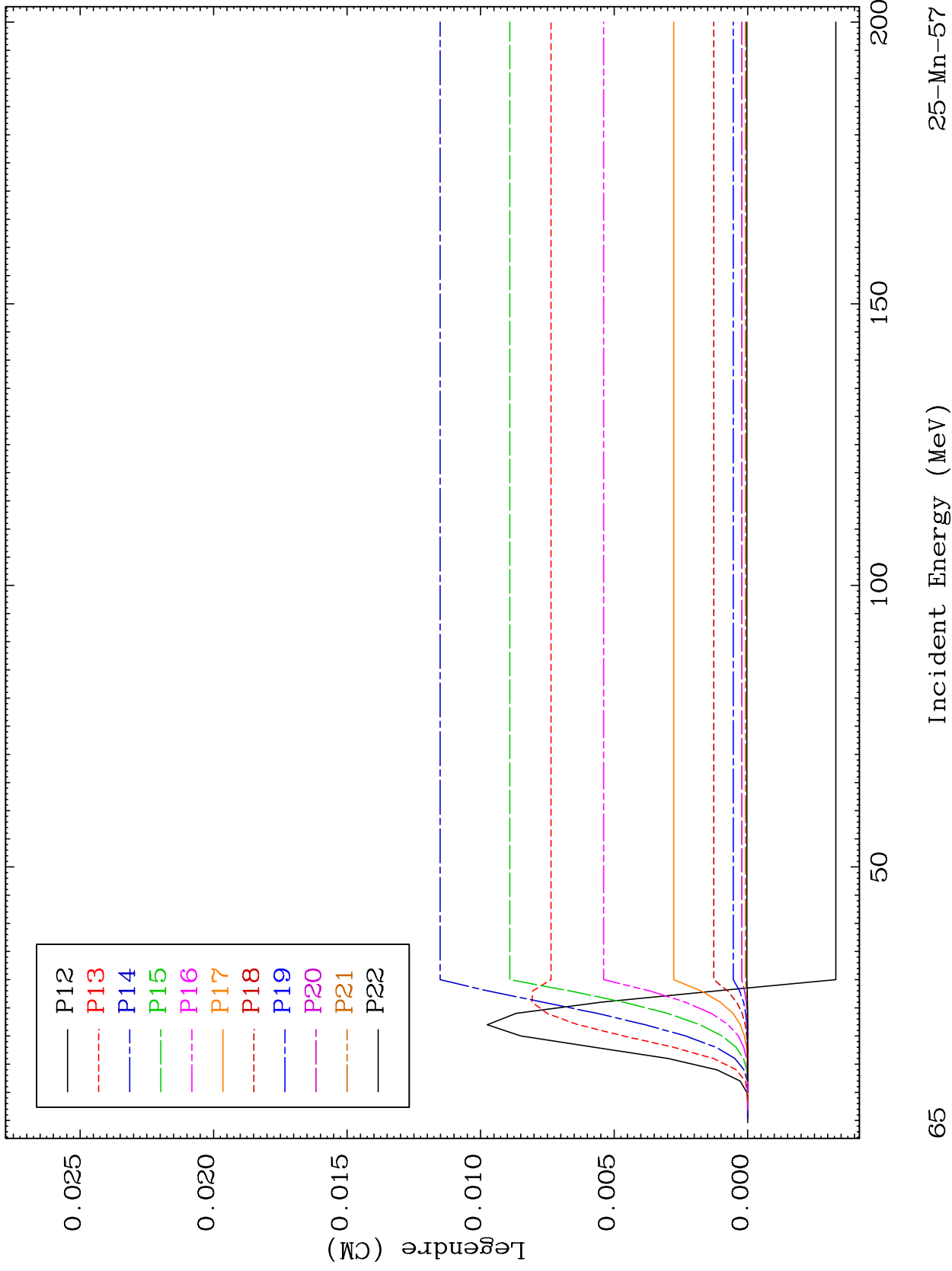


MAT 2531

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

25-Mn-57

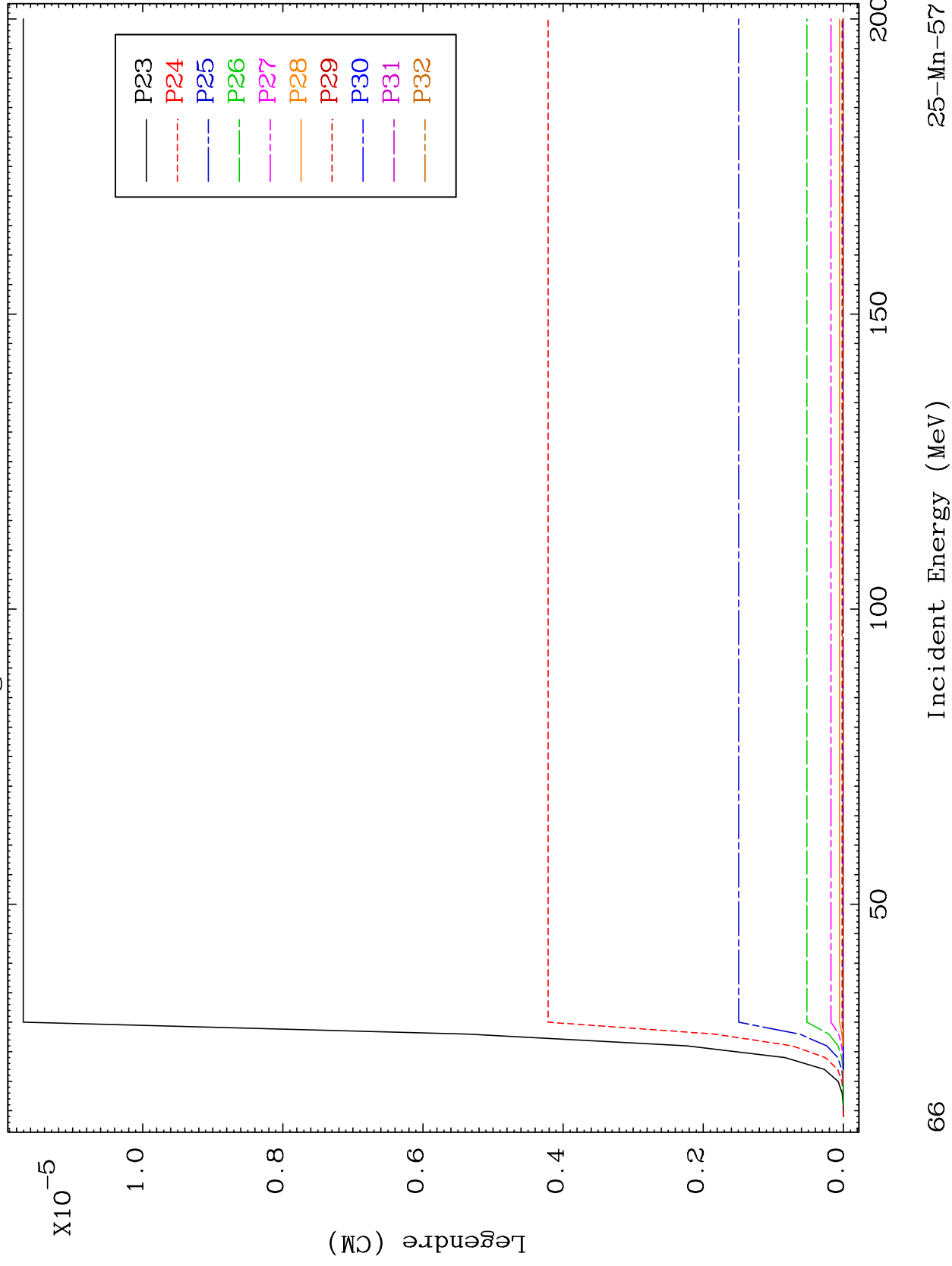




MAT 2531

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

25-Mn-57



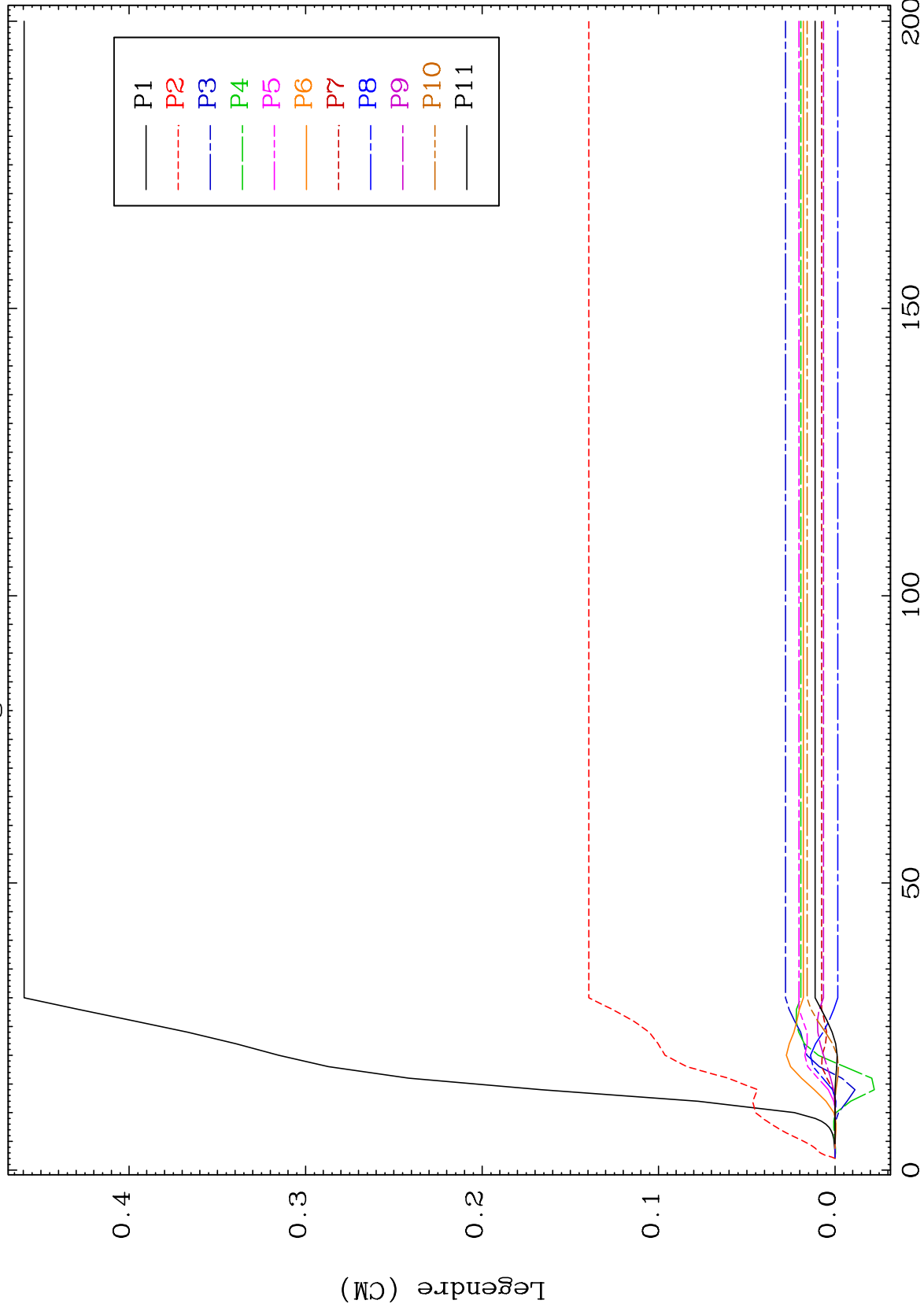
66

25-Mn-57

MAT 2531

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

25-Mn-57



67

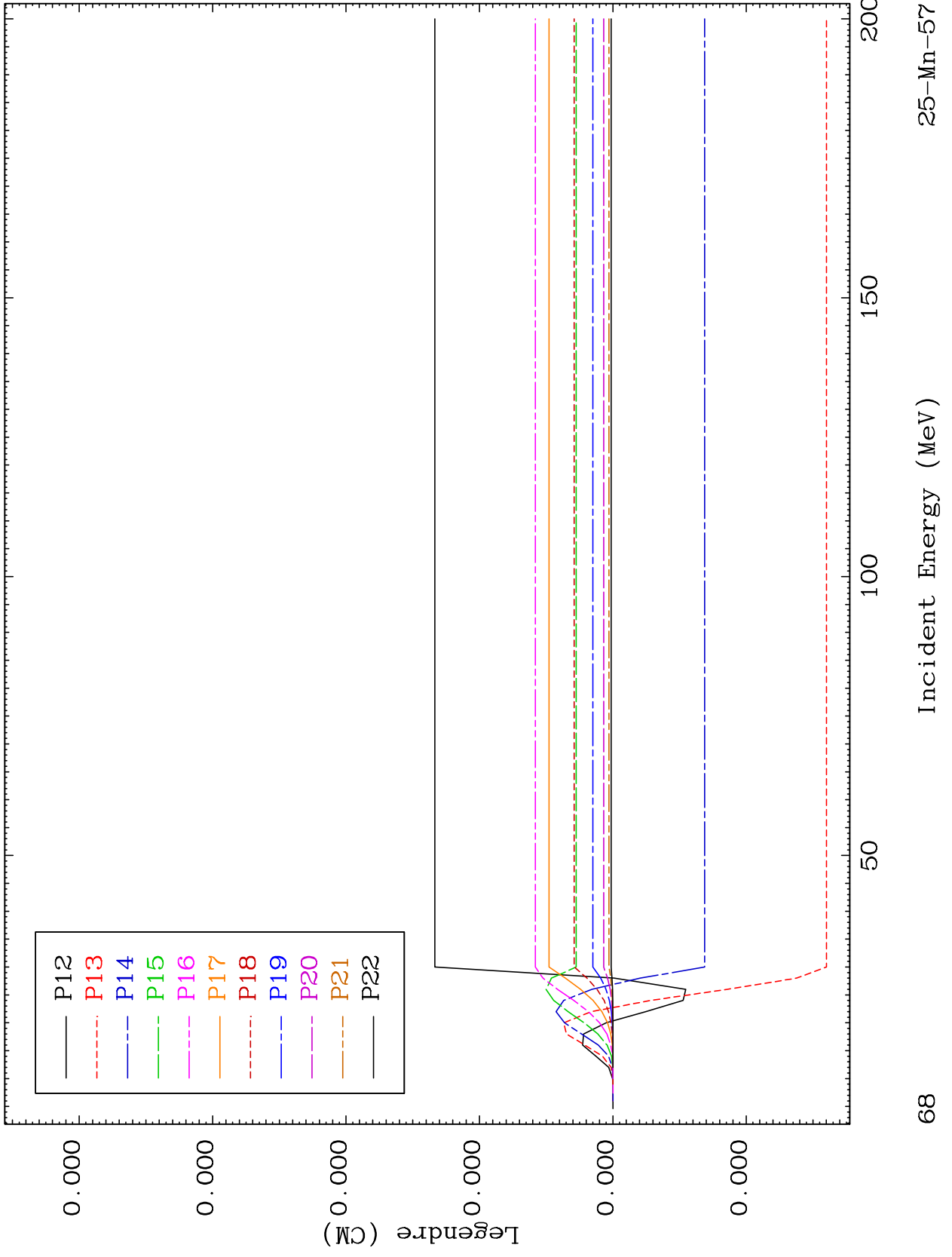
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



68

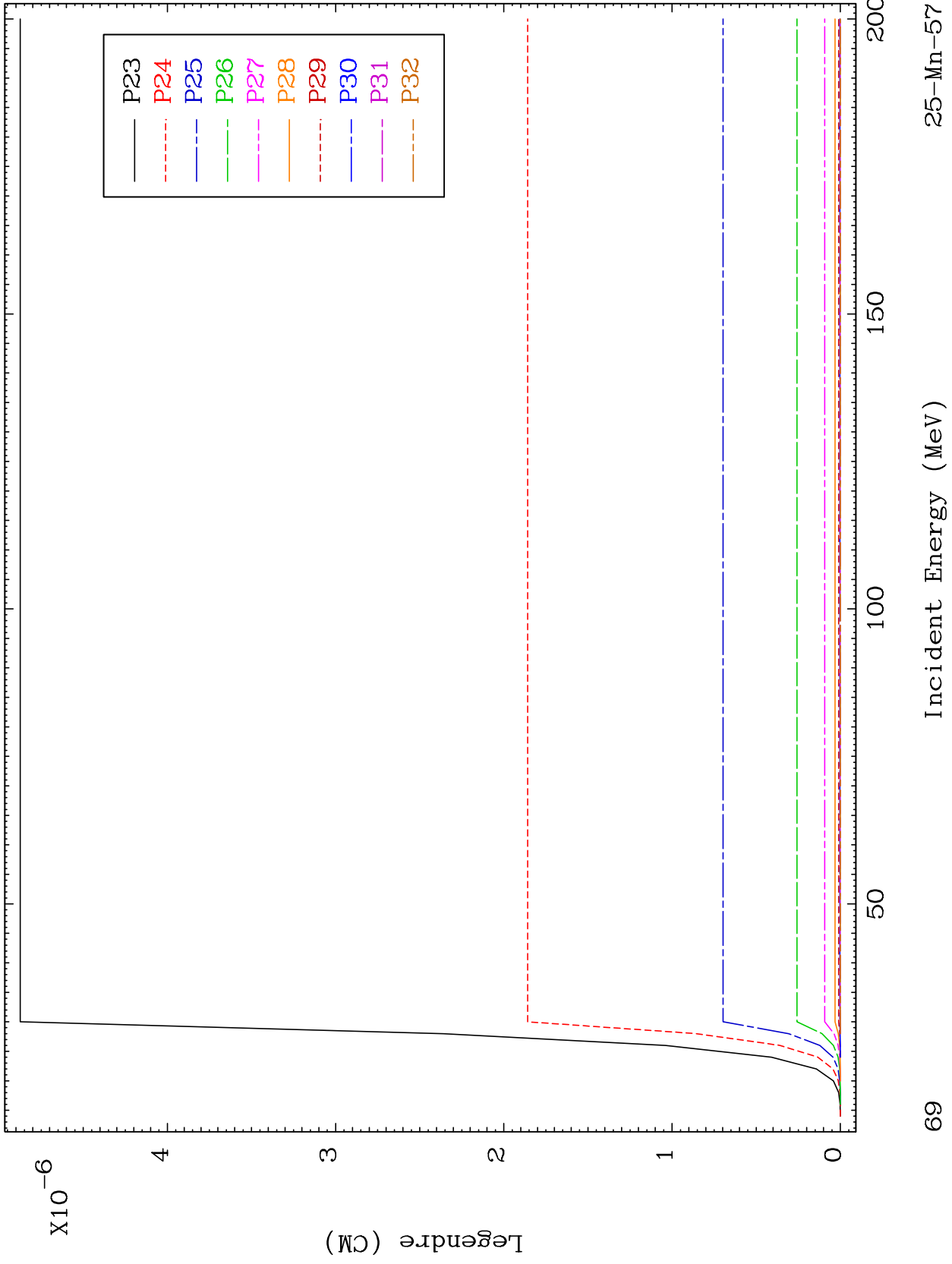
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



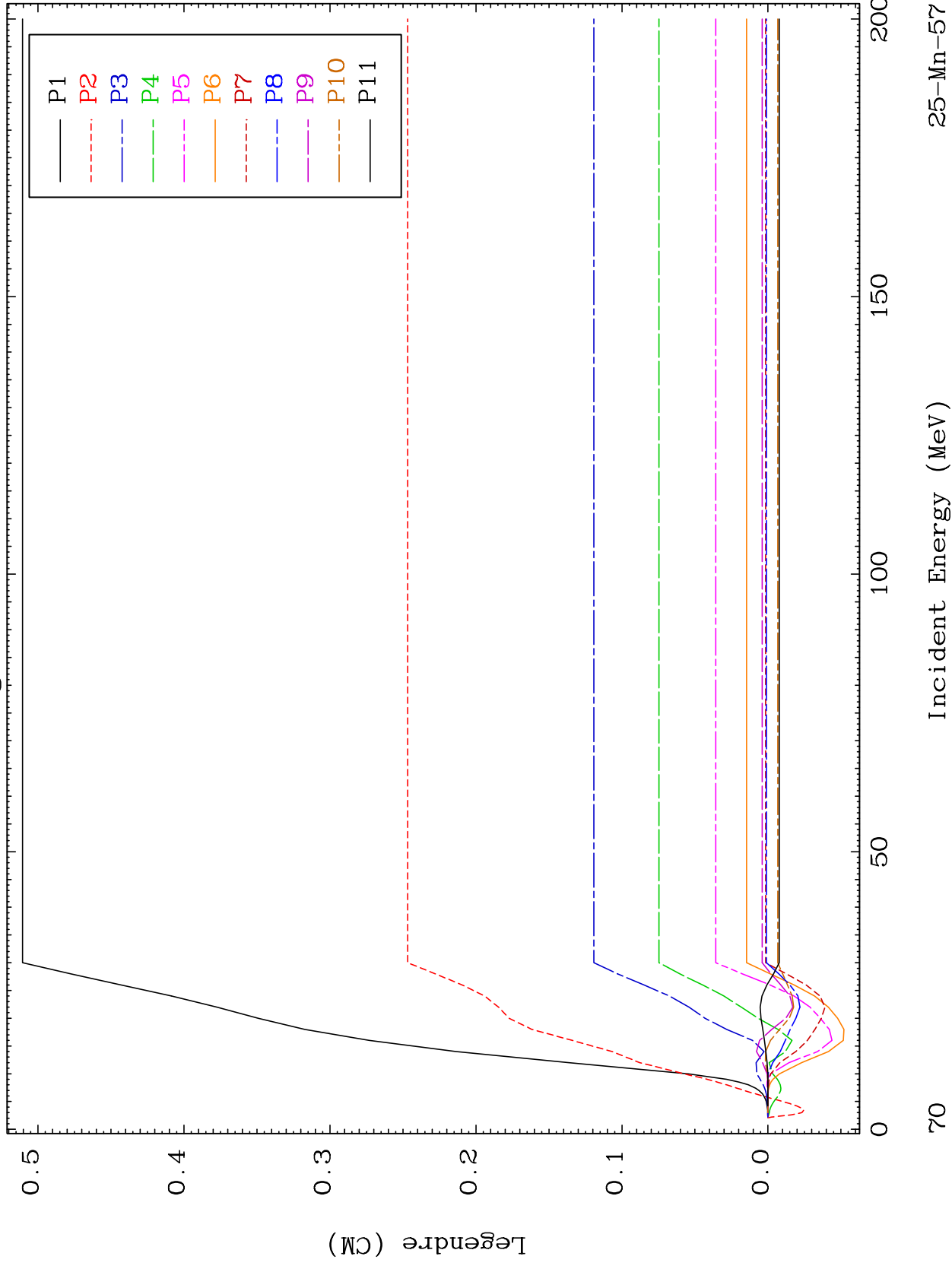
69

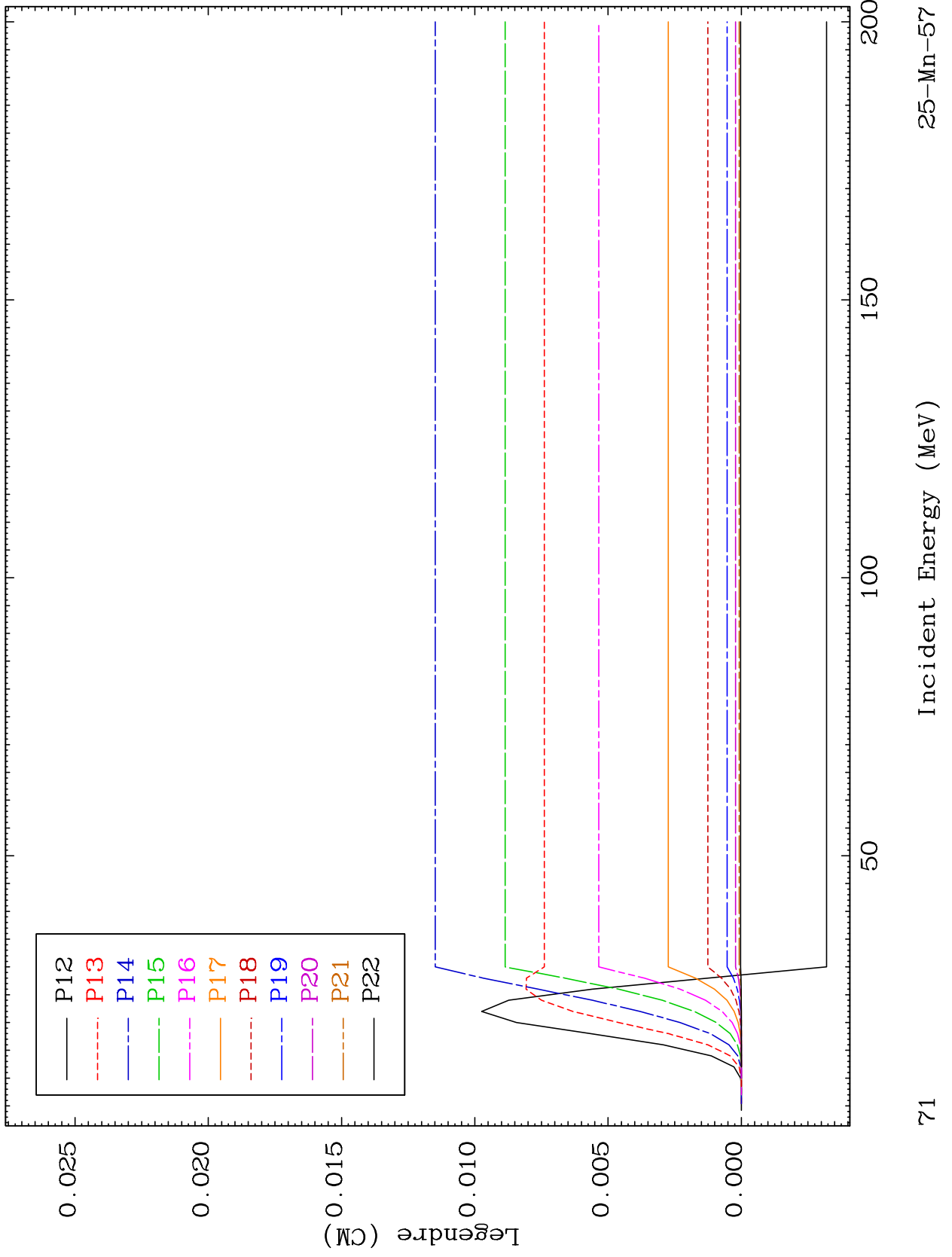
25-Mn-57

MAT 2531

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

25-Mn-57

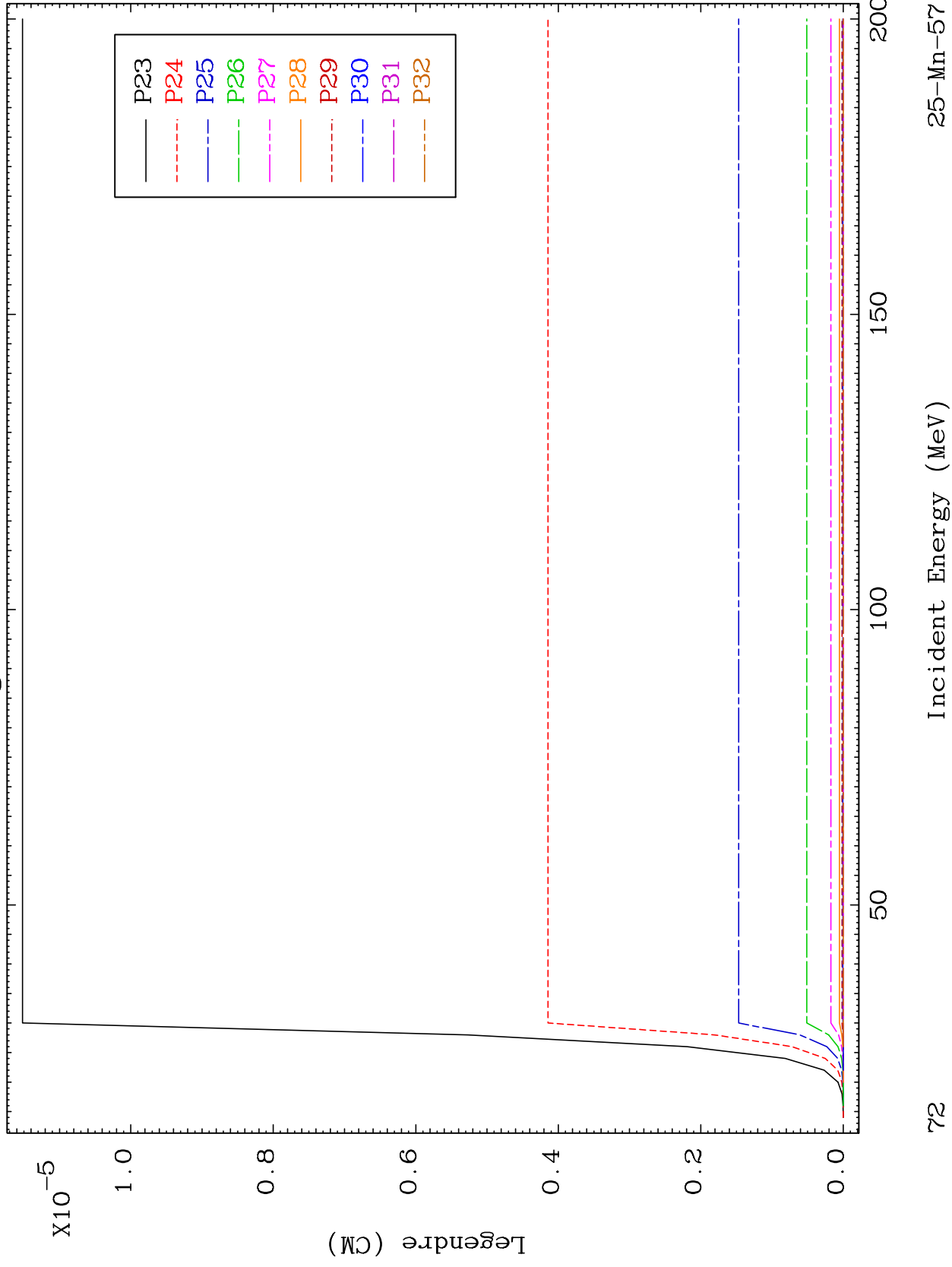




MAT 2531

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

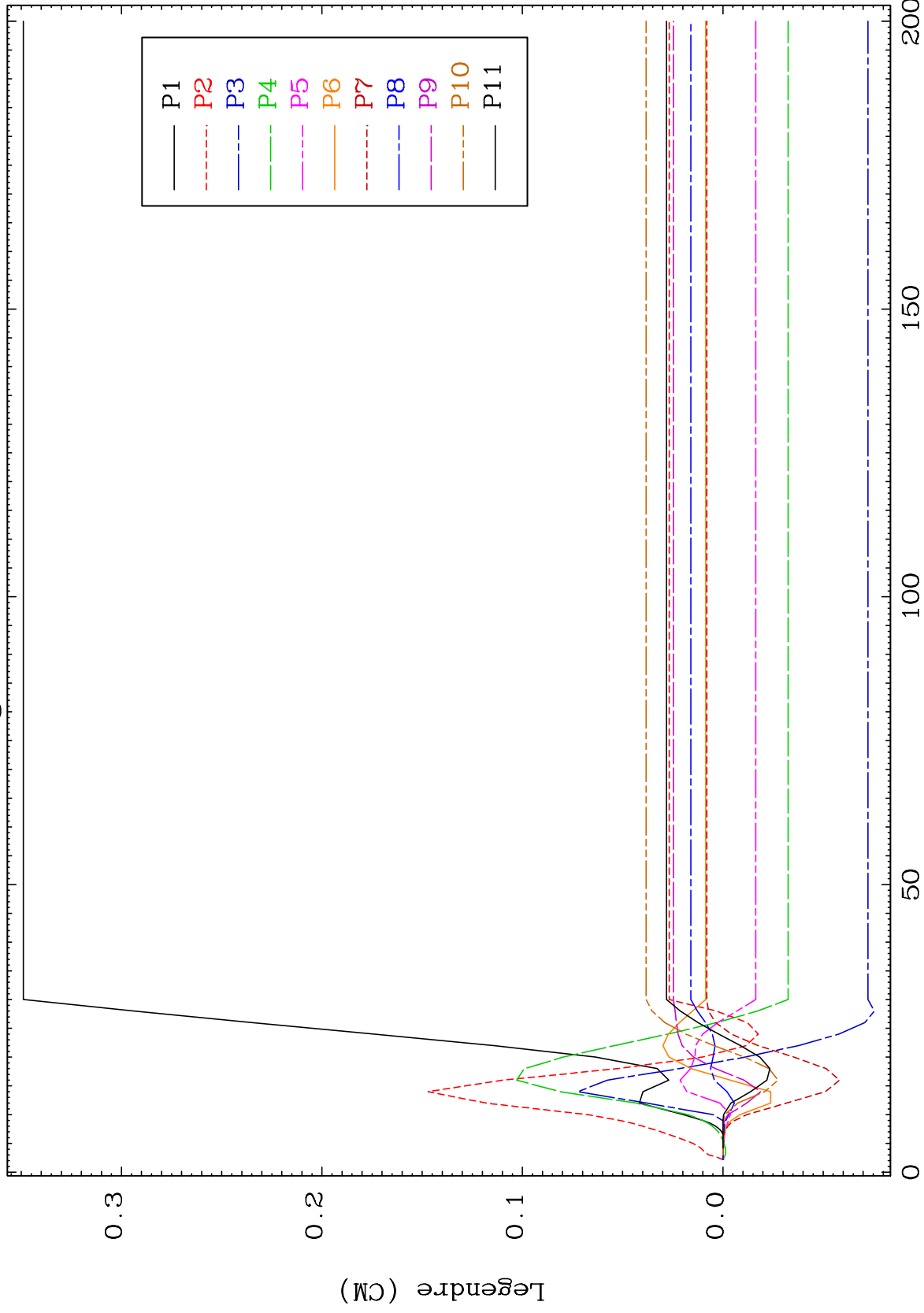
25-Mn-57



MAT 2531

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

25-Mn-57



73

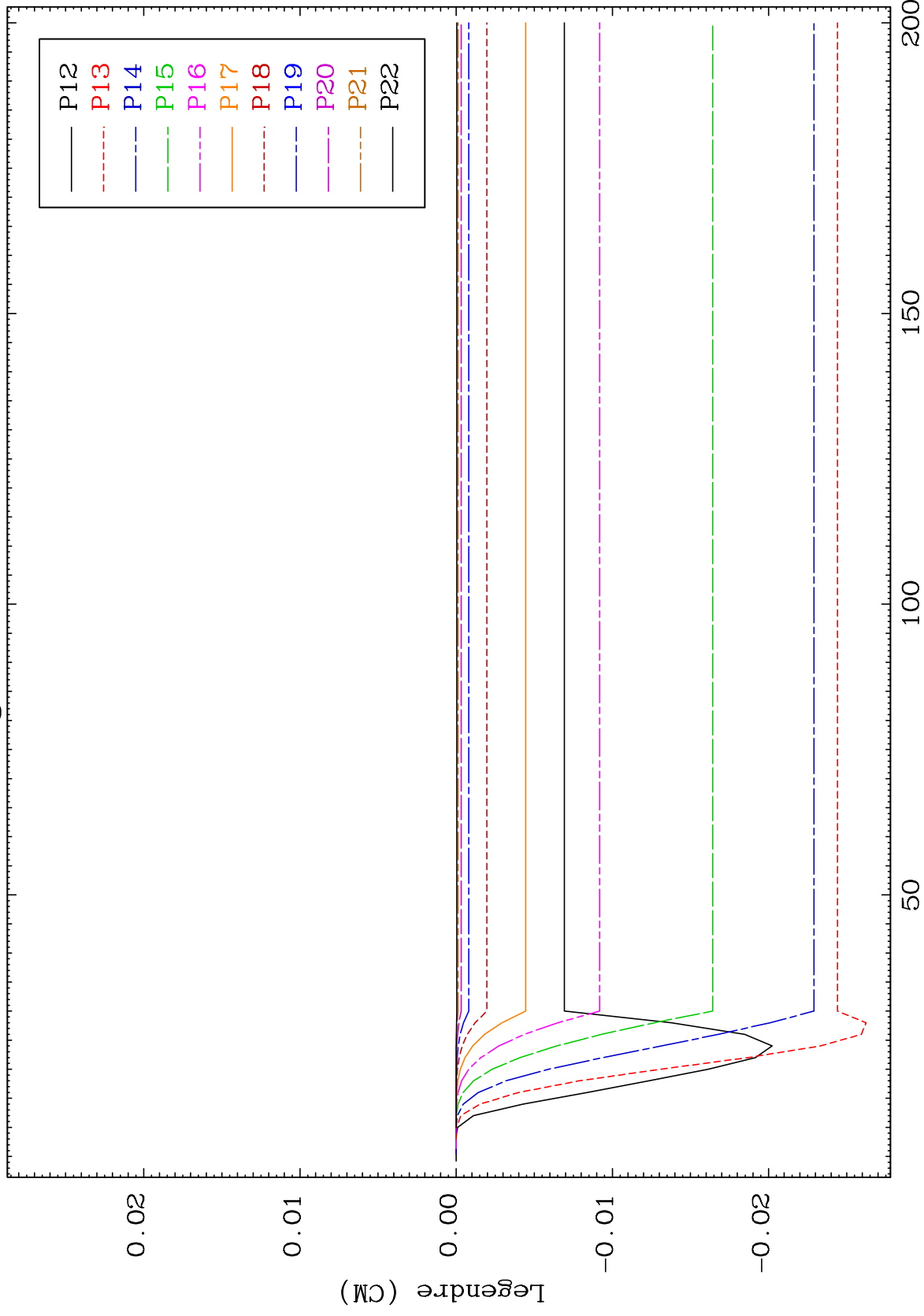
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

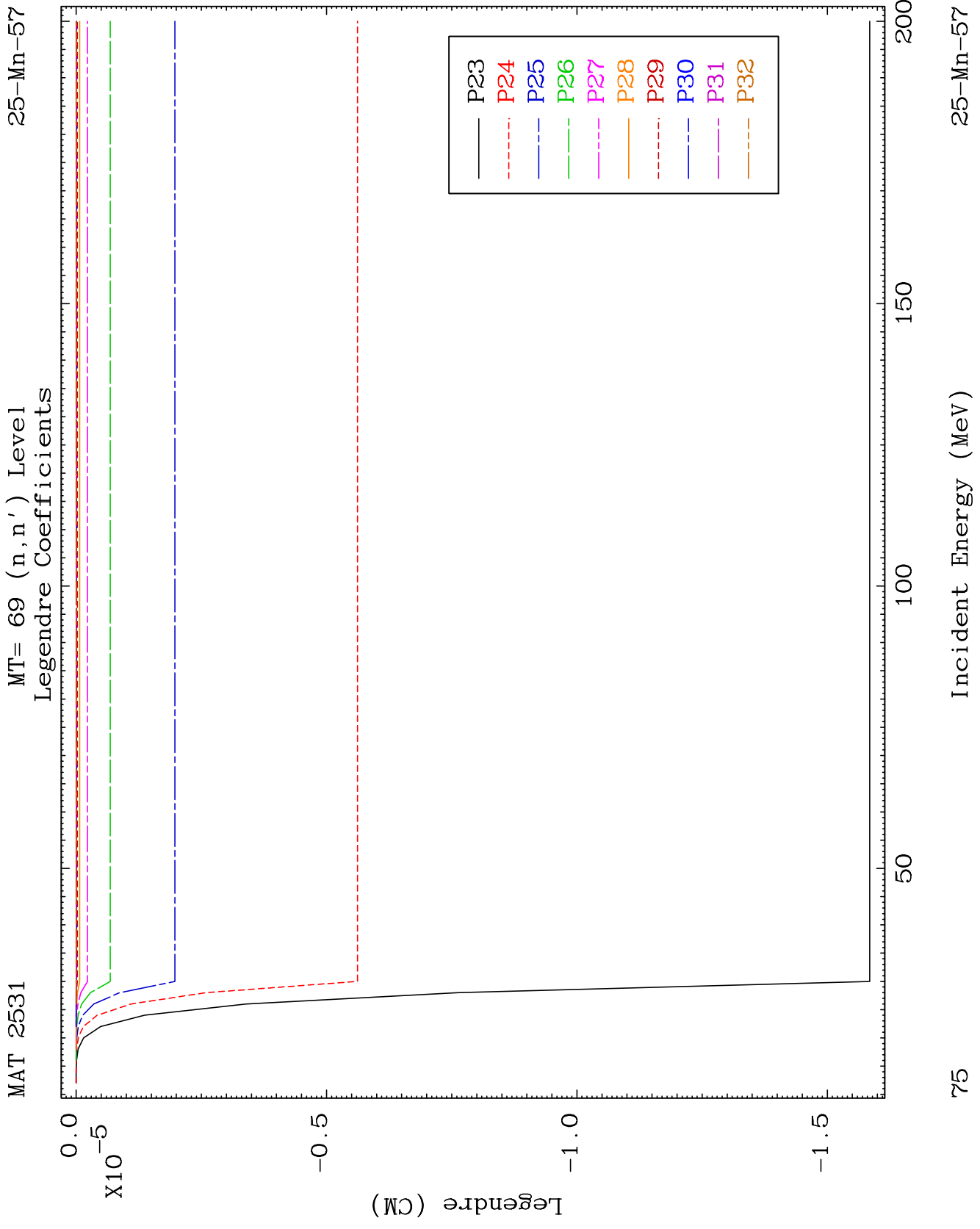
25-Mn-57

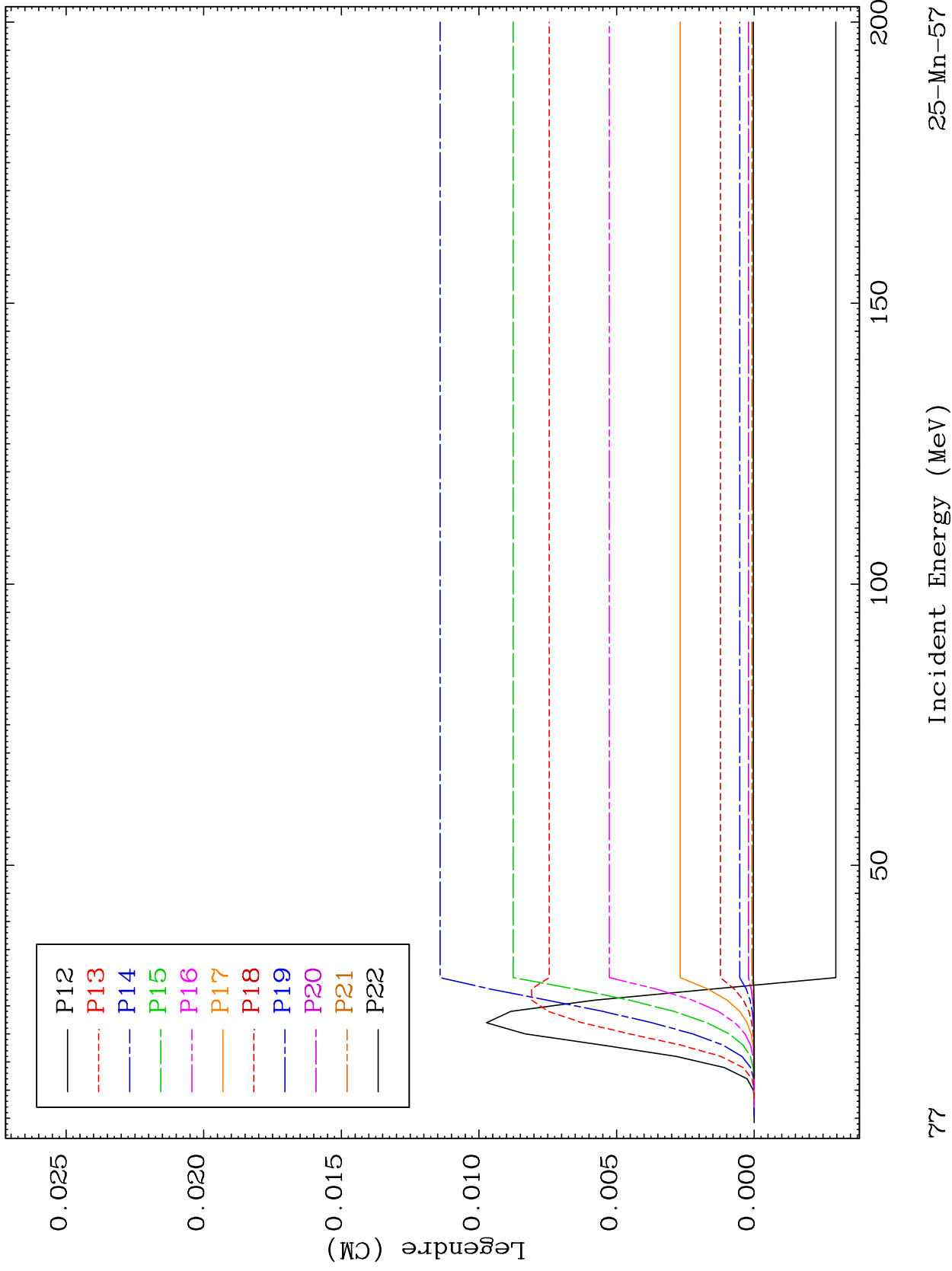


74

Incident Energy (MeV)

25-Mn-57

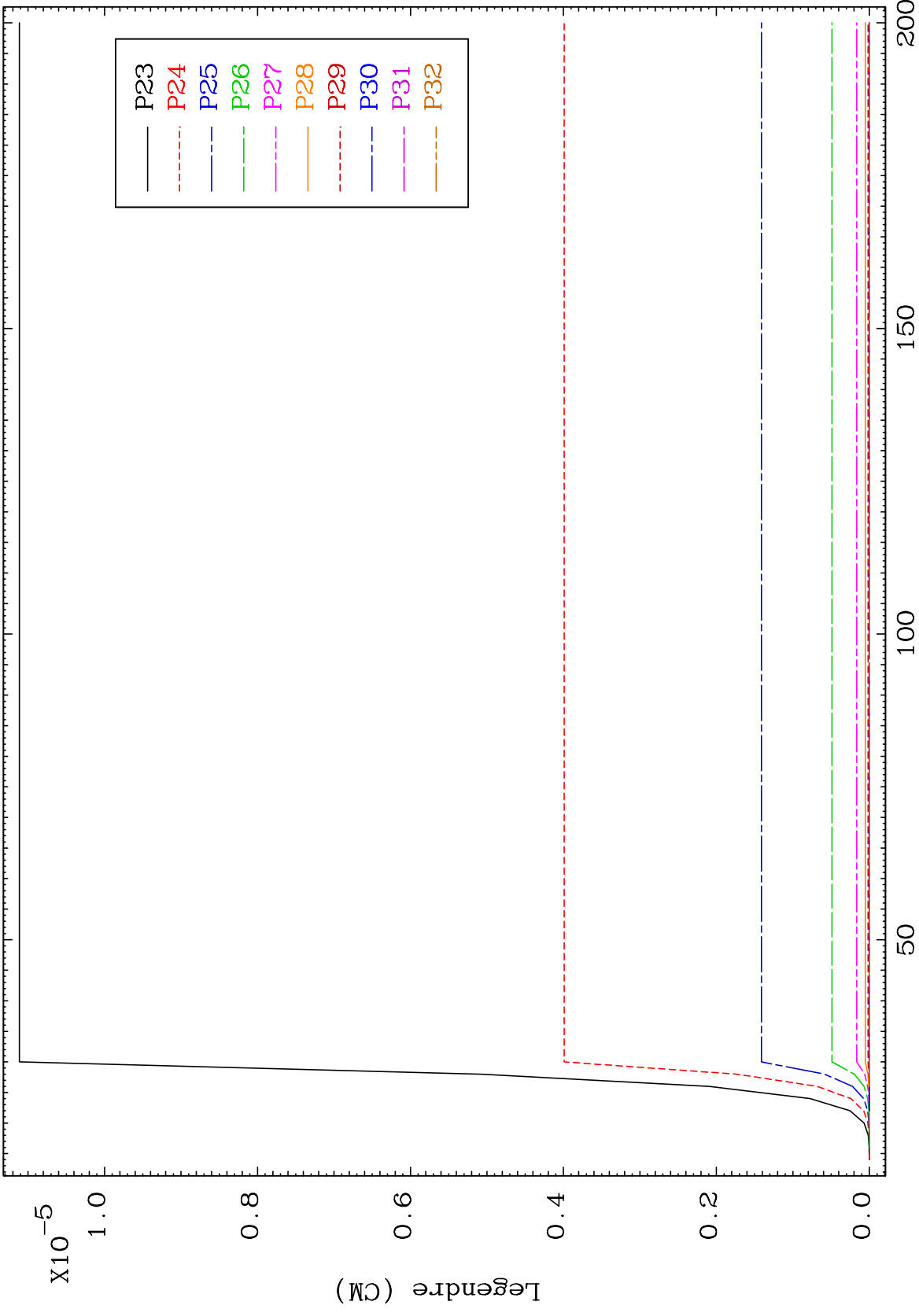




MAT 2531

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

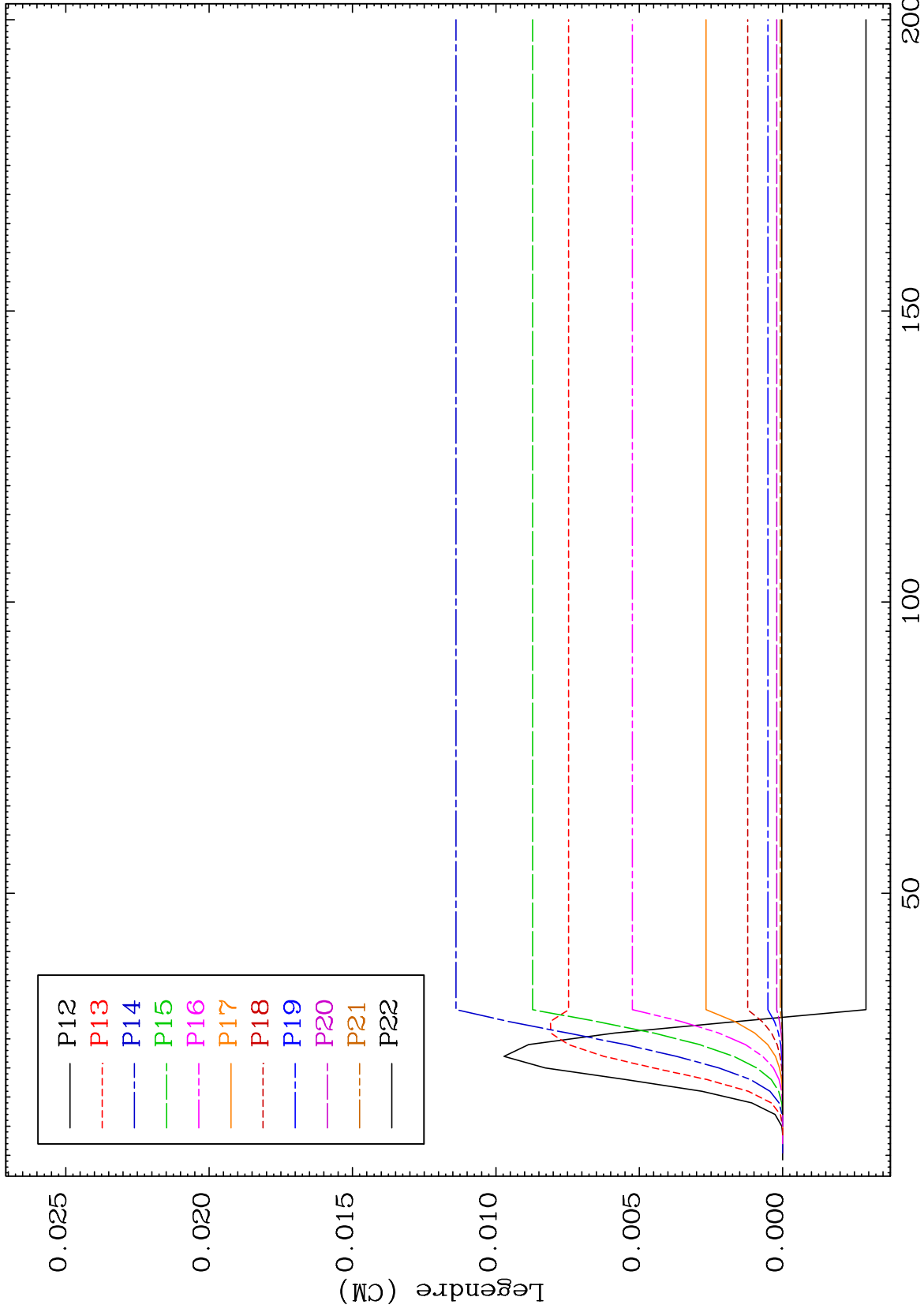
25-Mn-57



25-Mn-57

Incident Energy (MeV)

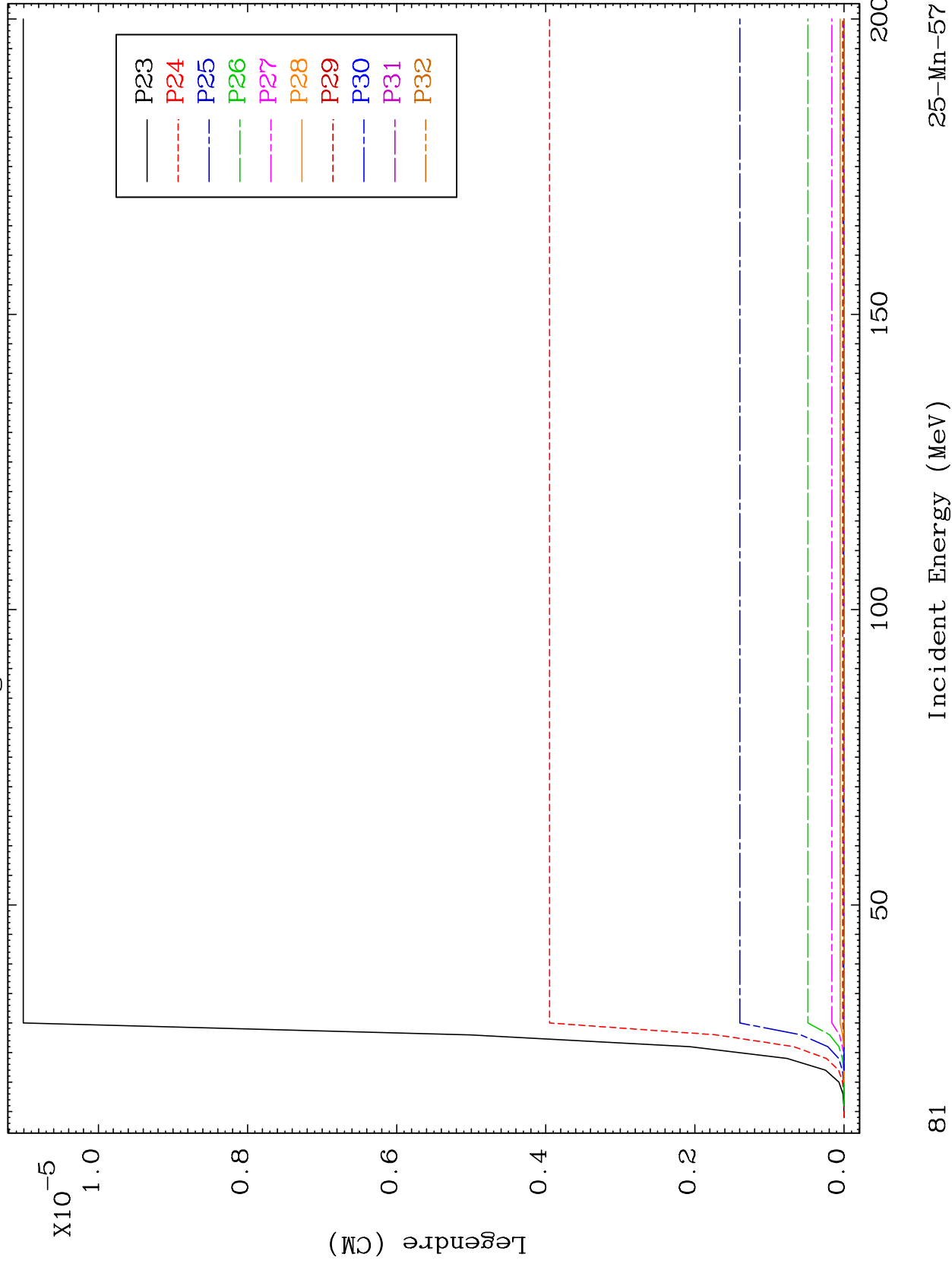
78



MAT 2531

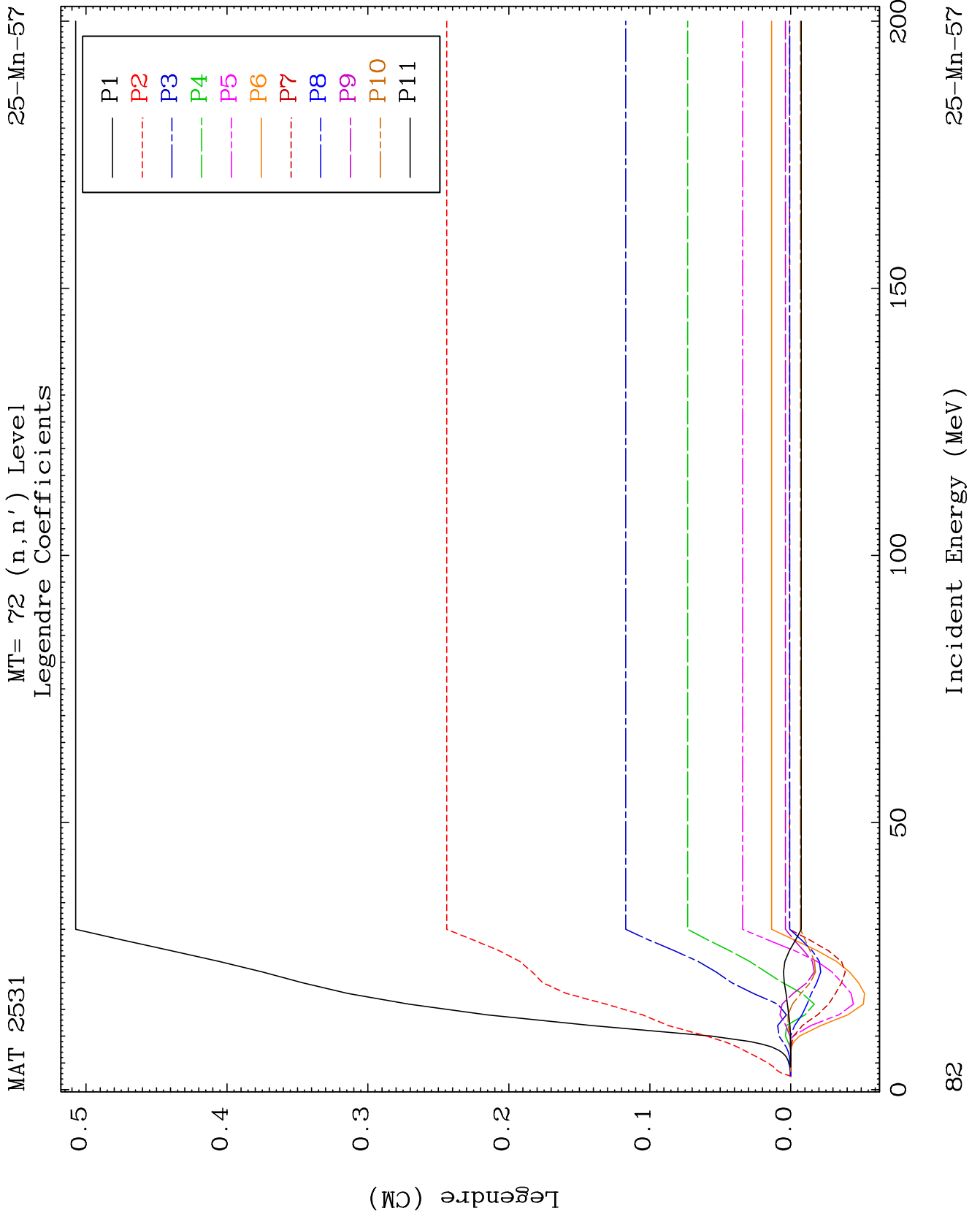
MT= 71 (n,n') Level
Legendre Coefficients

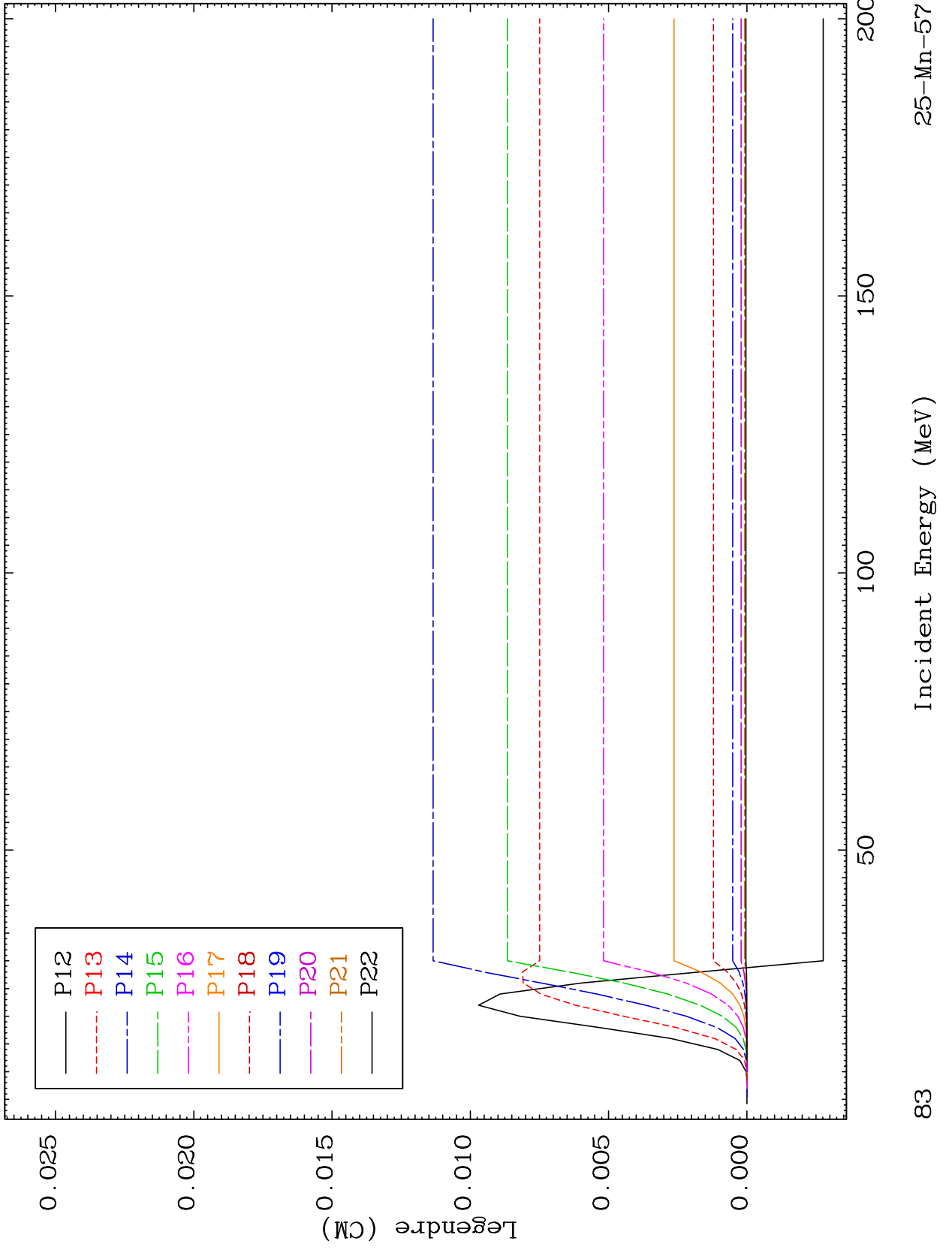
25-Mn-57



81

25-Mn-57

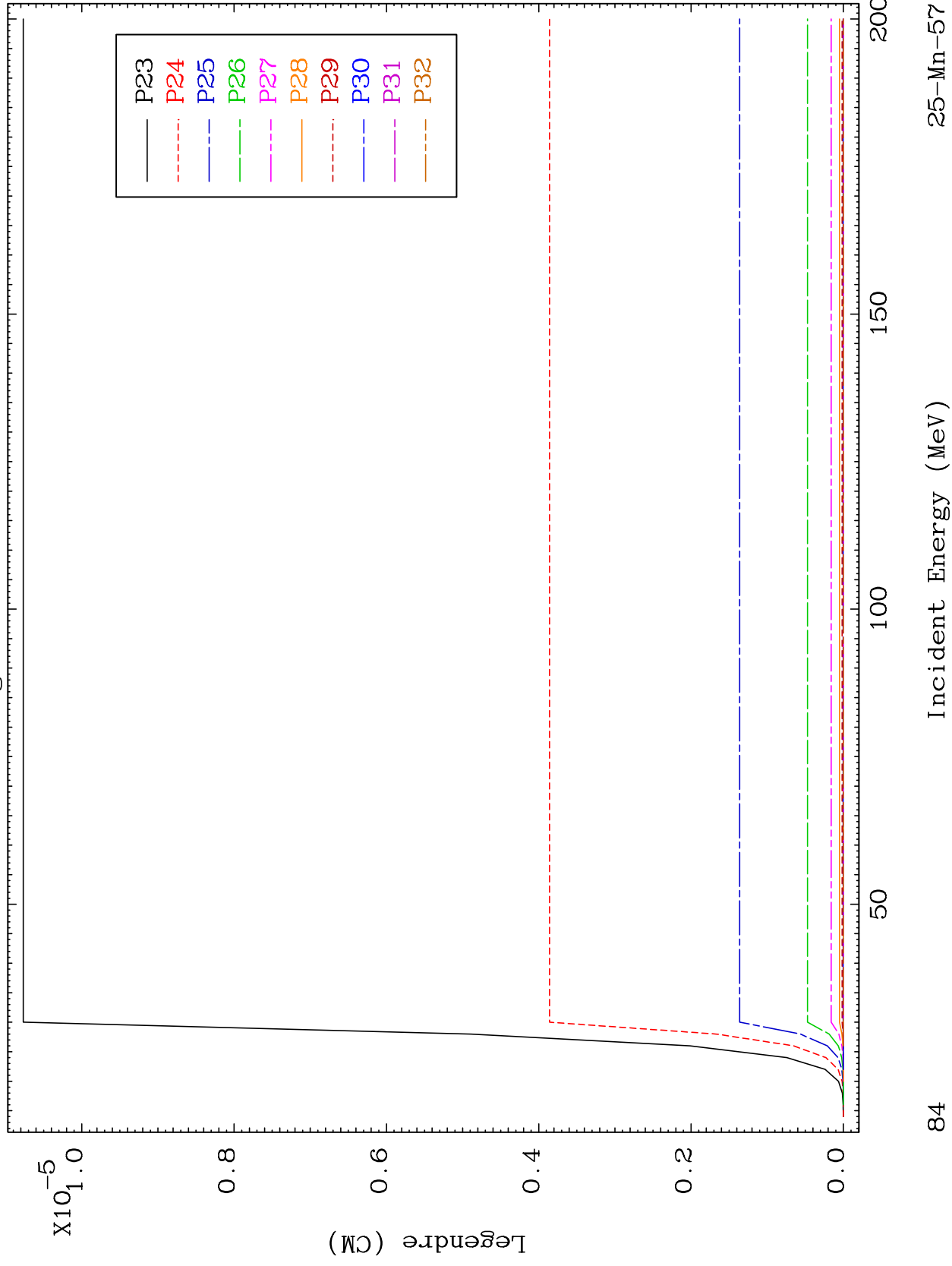




MAT 2531

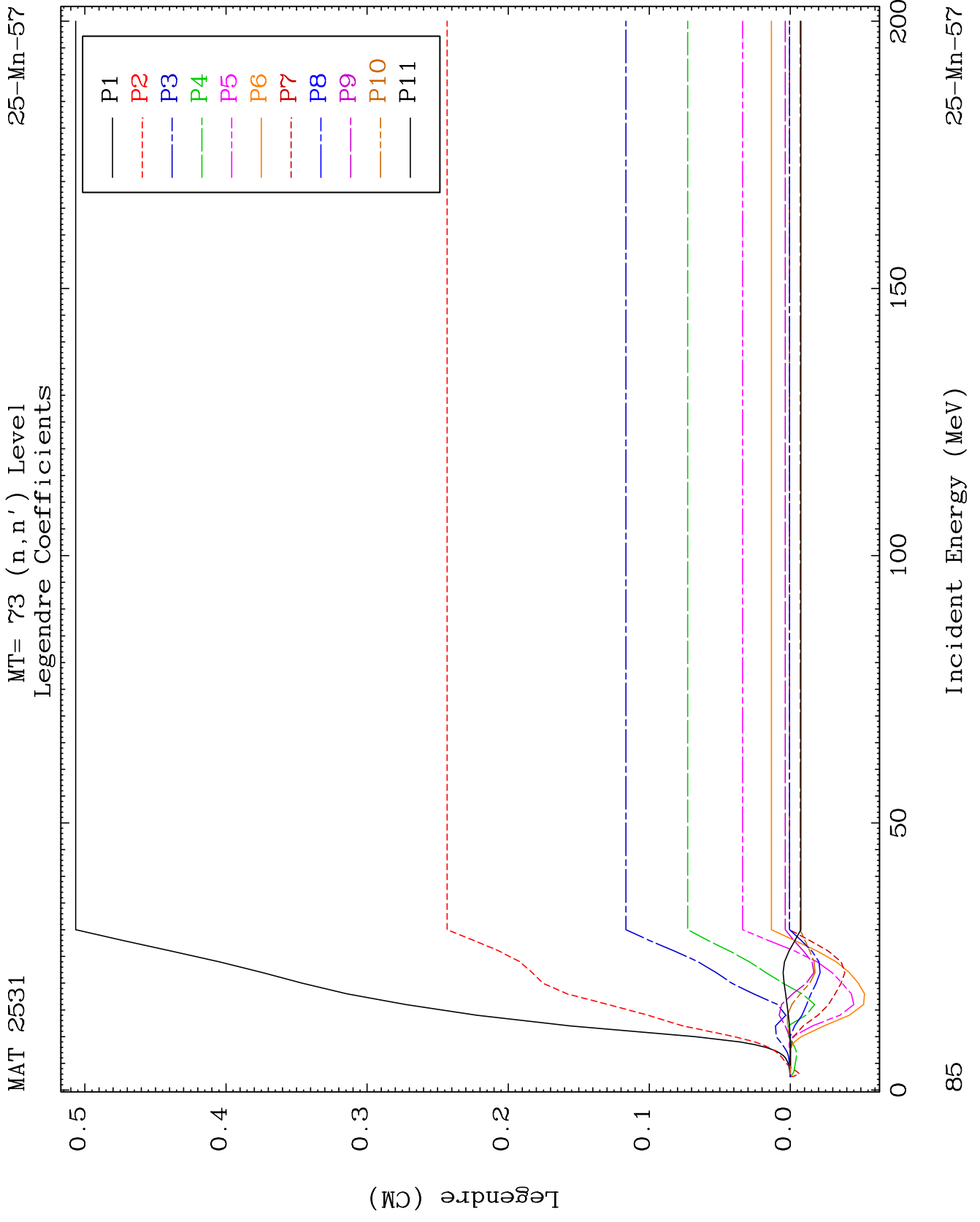
MT= 72 (n,n') Level
Legendre Coefficients

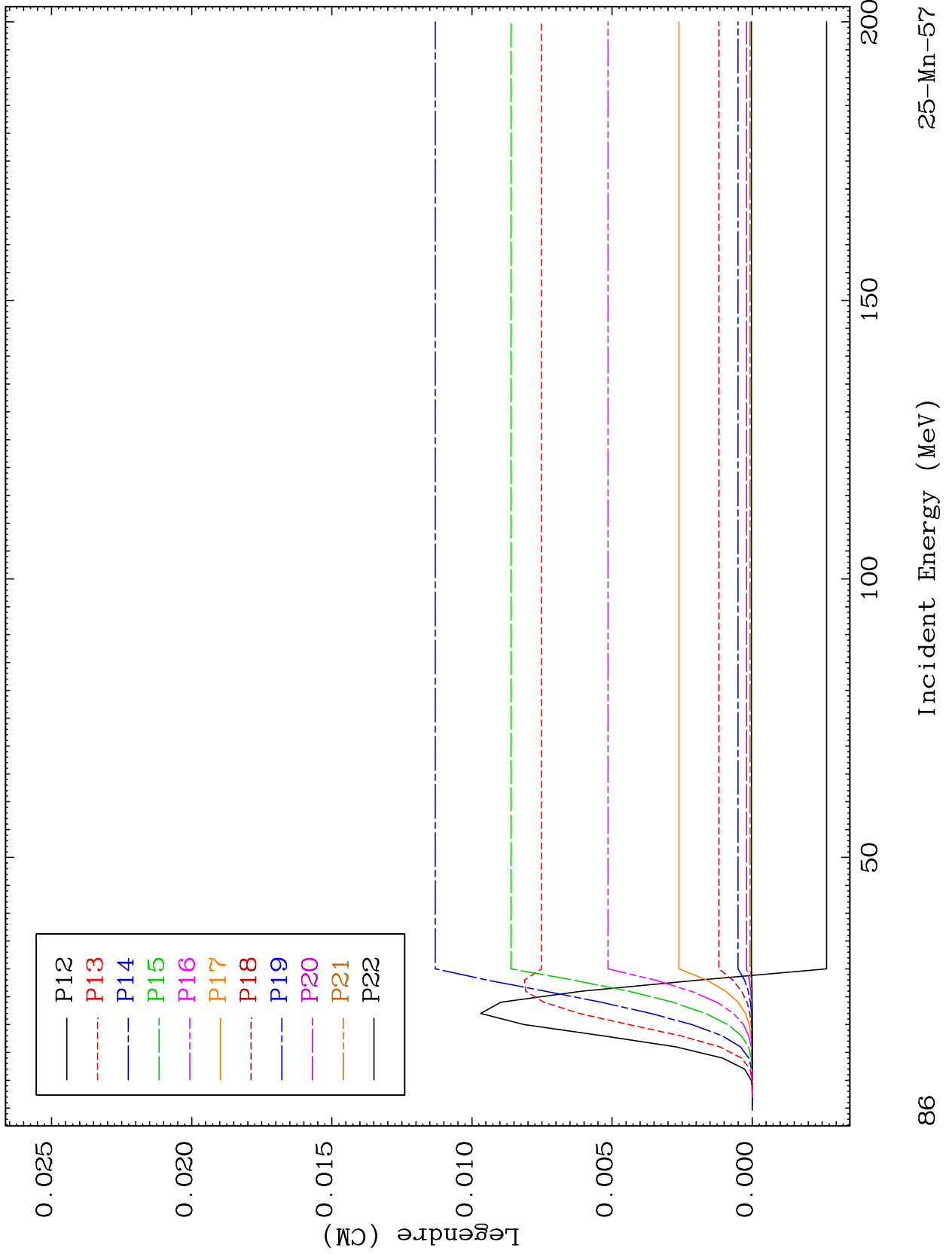
25-Mn-57



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25-Mn-57

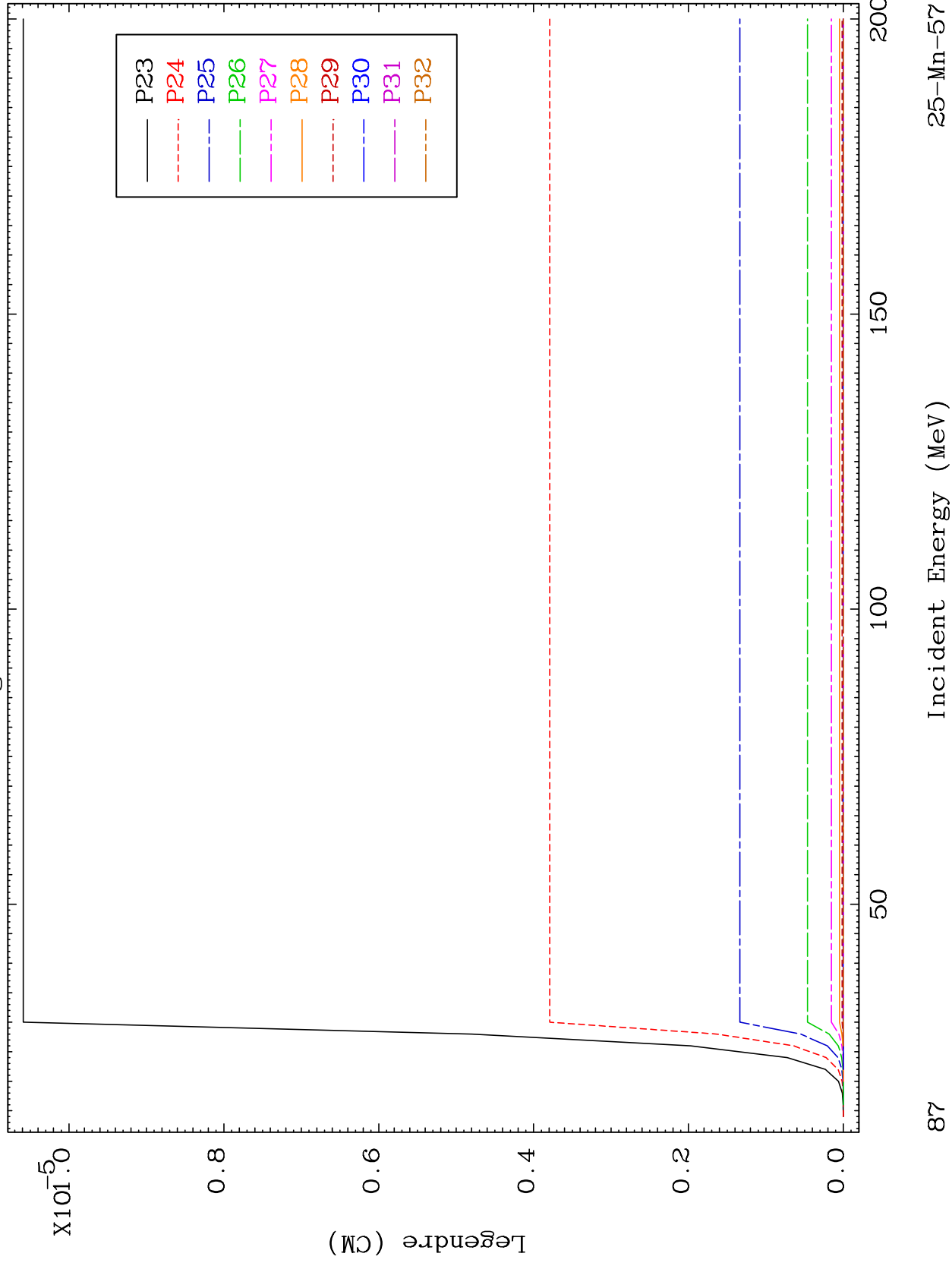




MAT 2531

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

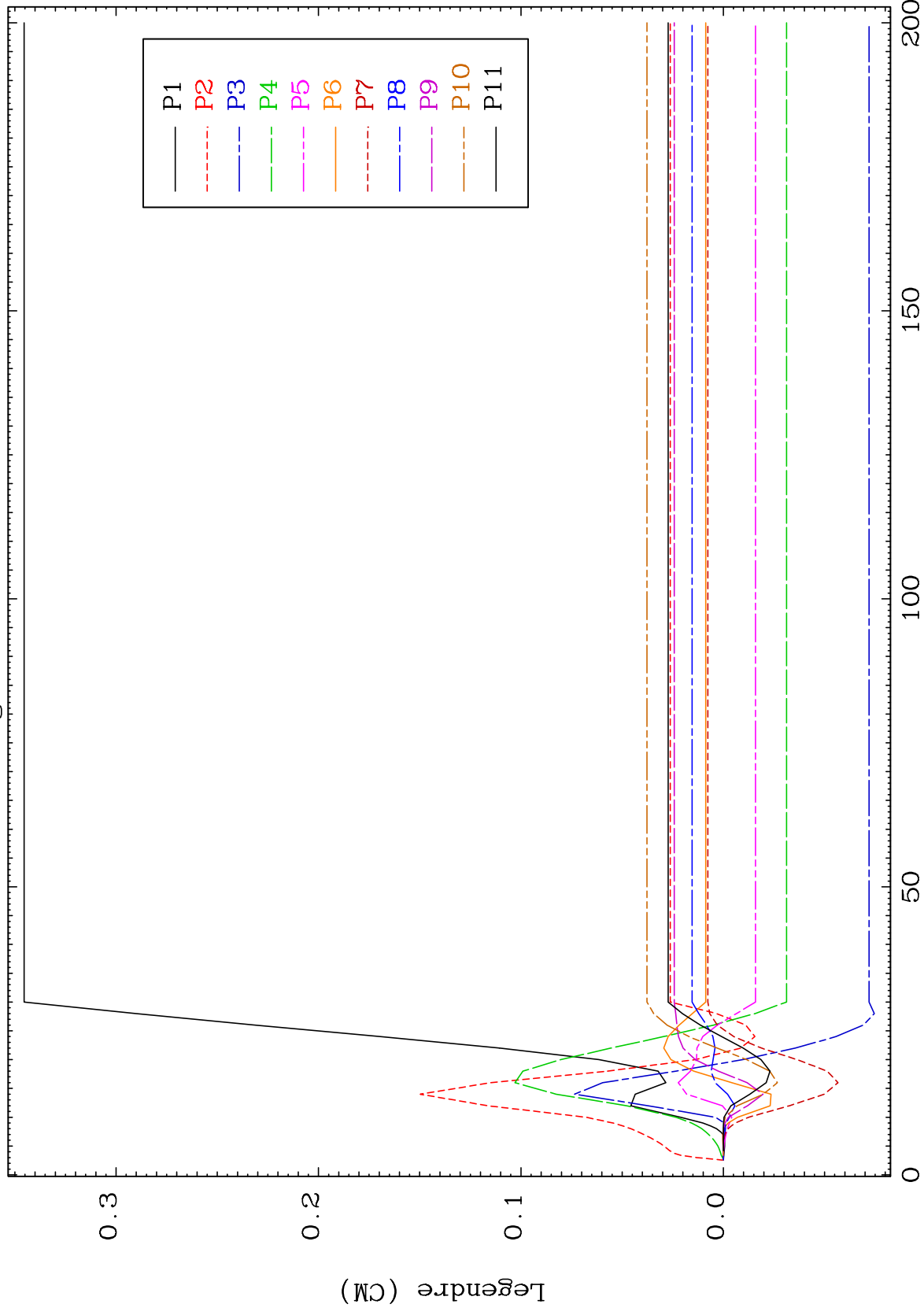
25-Mn-57



MAT 2531

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

25-Mn-57



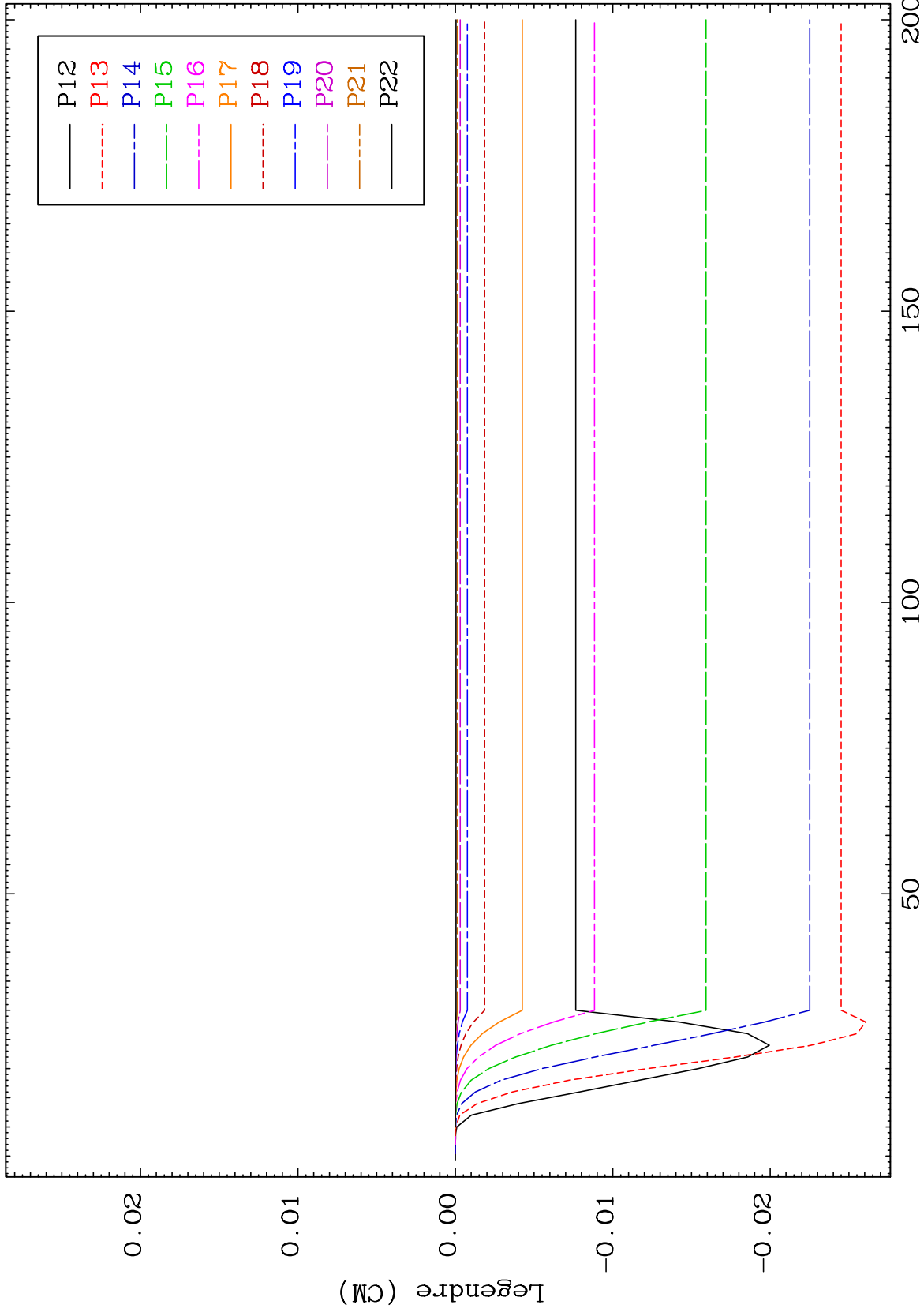
88

25-Mn-57

MAT 2531

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

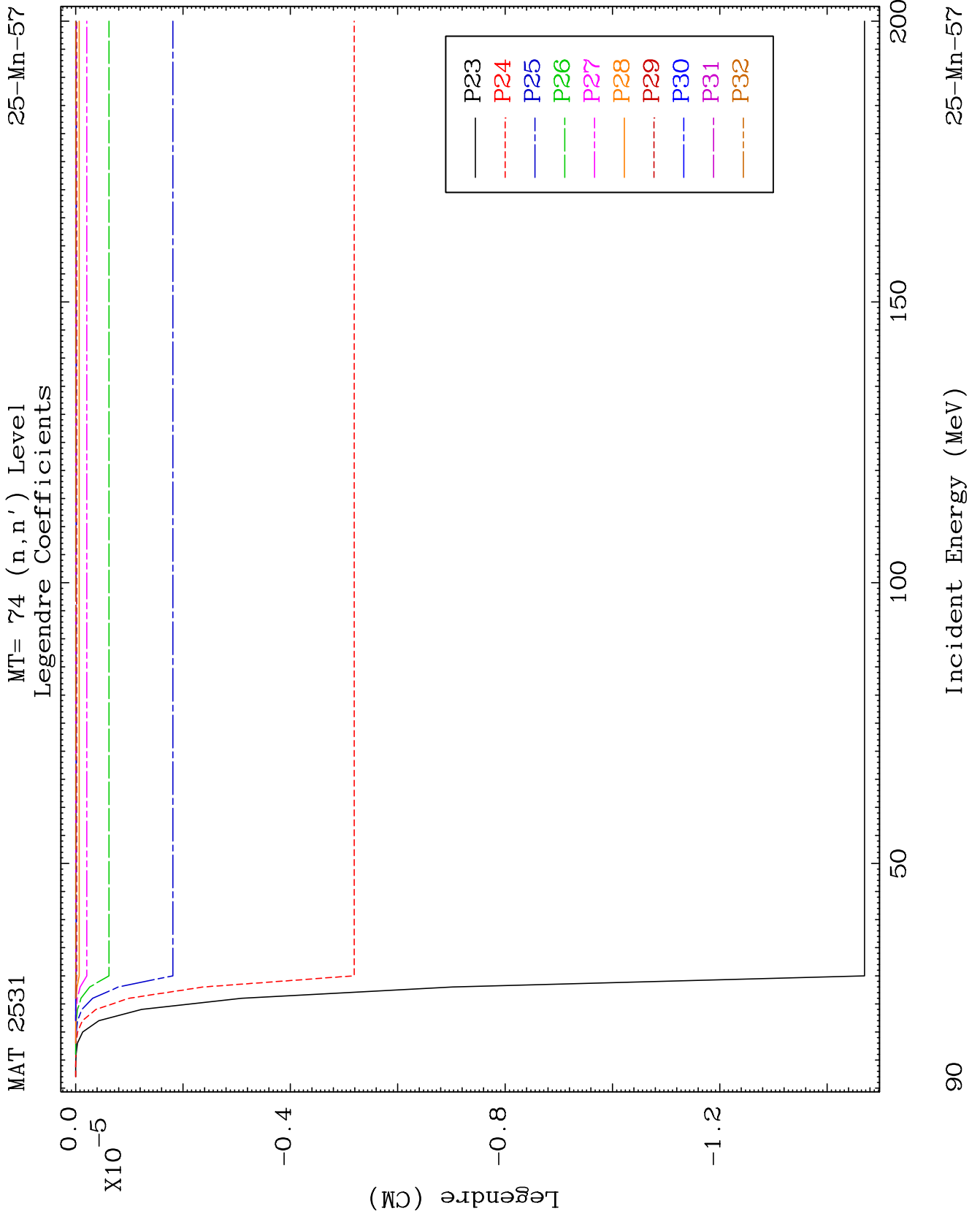
25-Mn-57



89

Incident Energy (MeV)

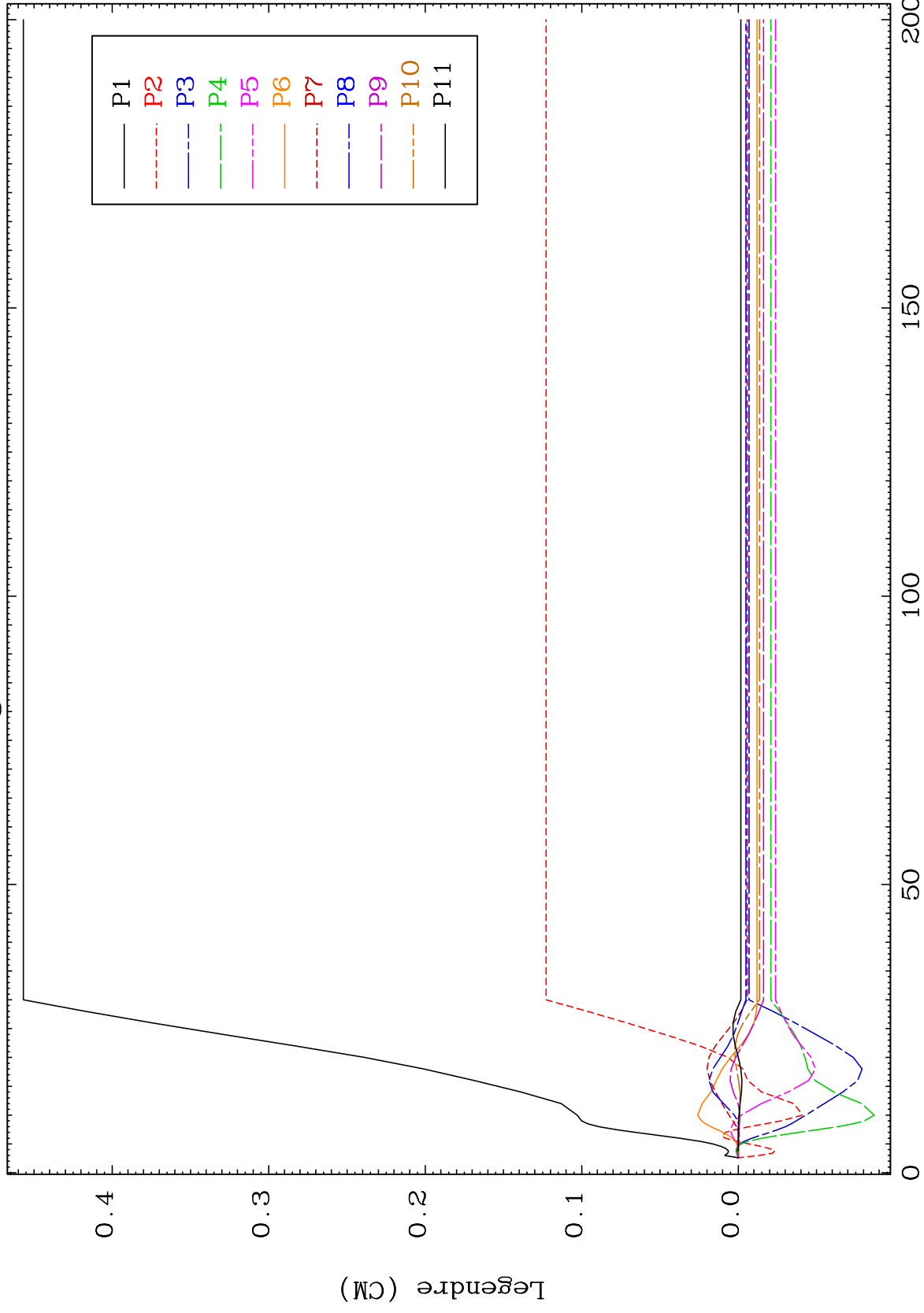
25-Mn-57



MAT 2531

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

25-Mn-57



91

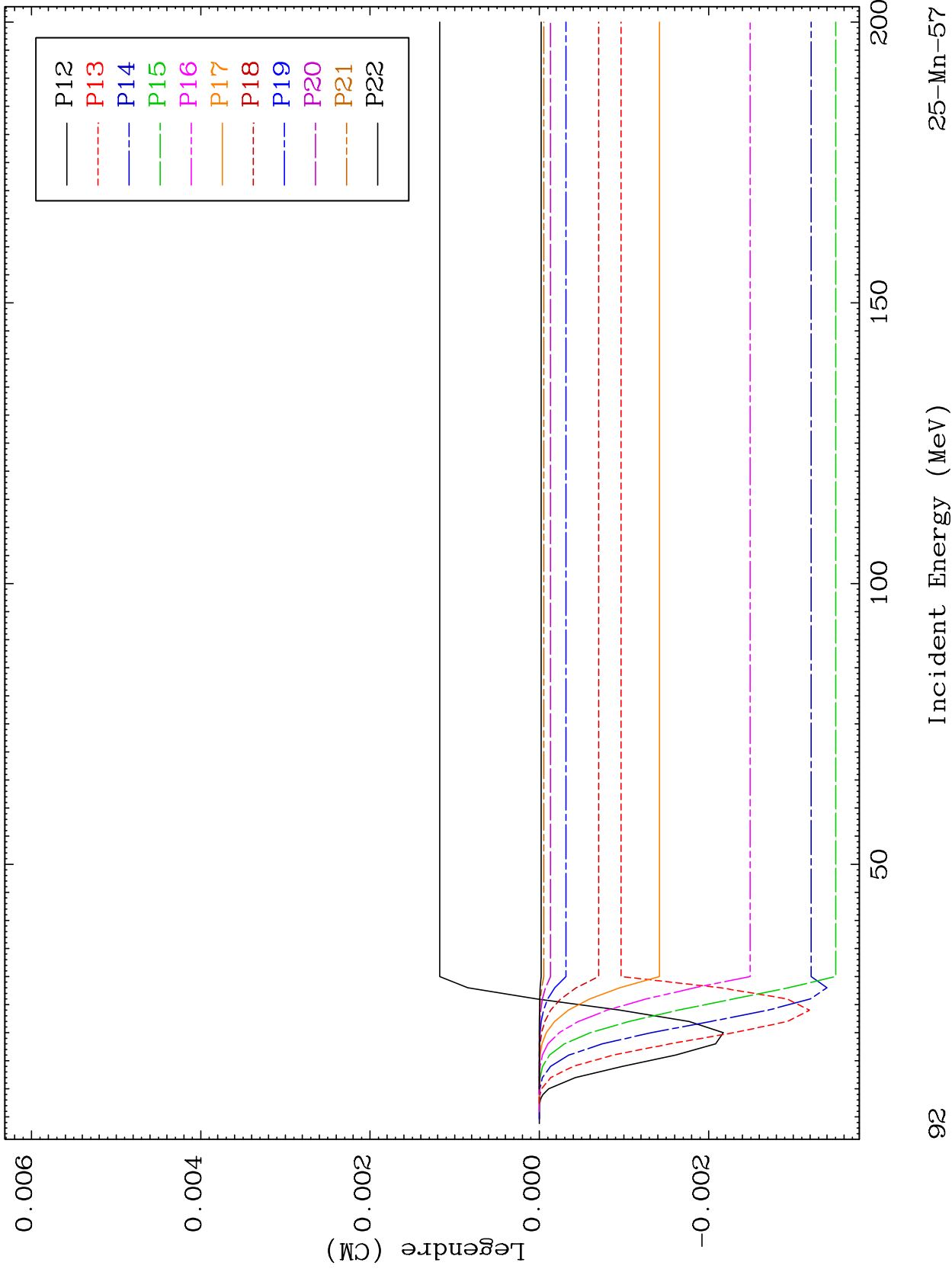
Incident Energy (MeV)

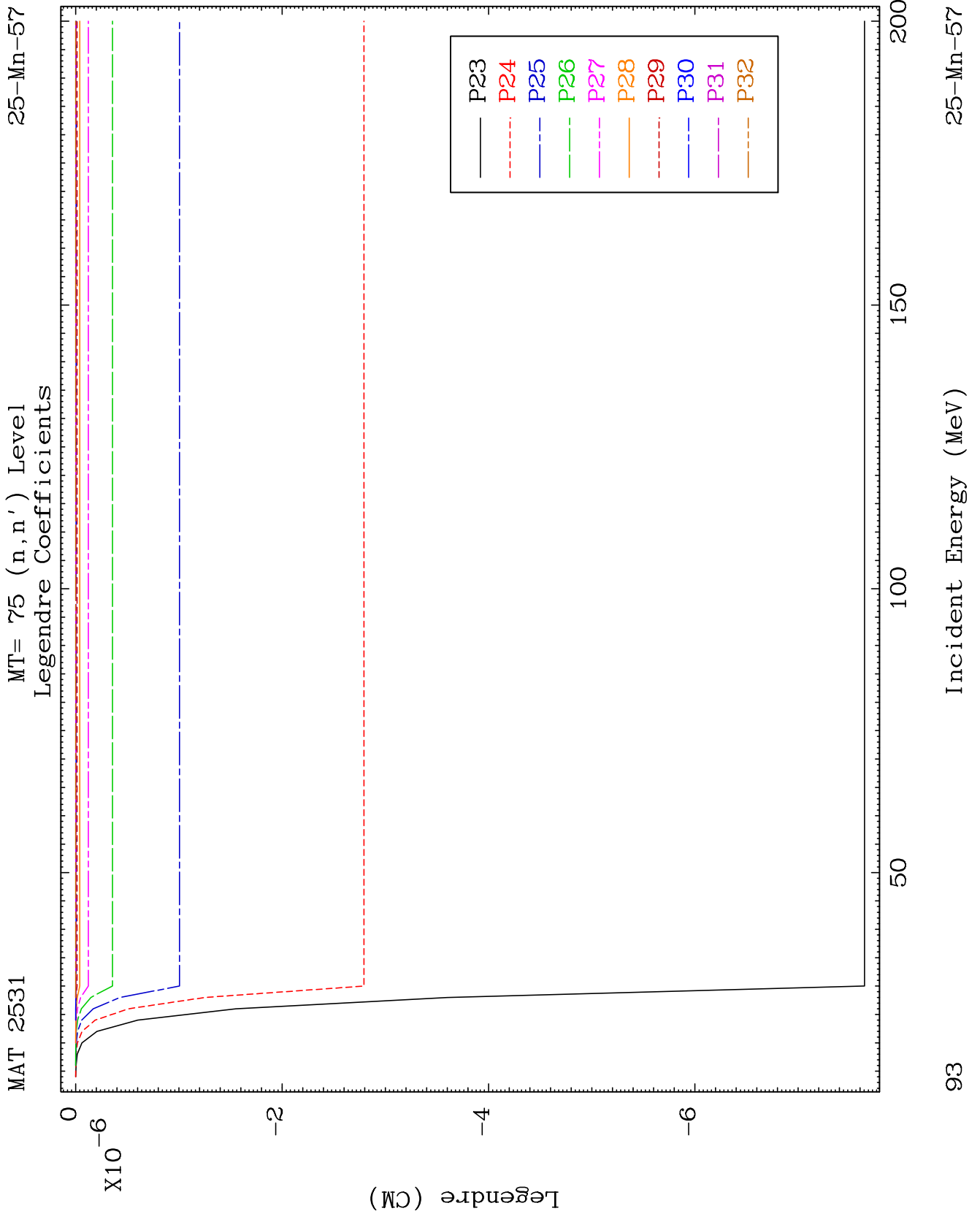
25-Mn-57

MAT 2531

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

25-Mn-57

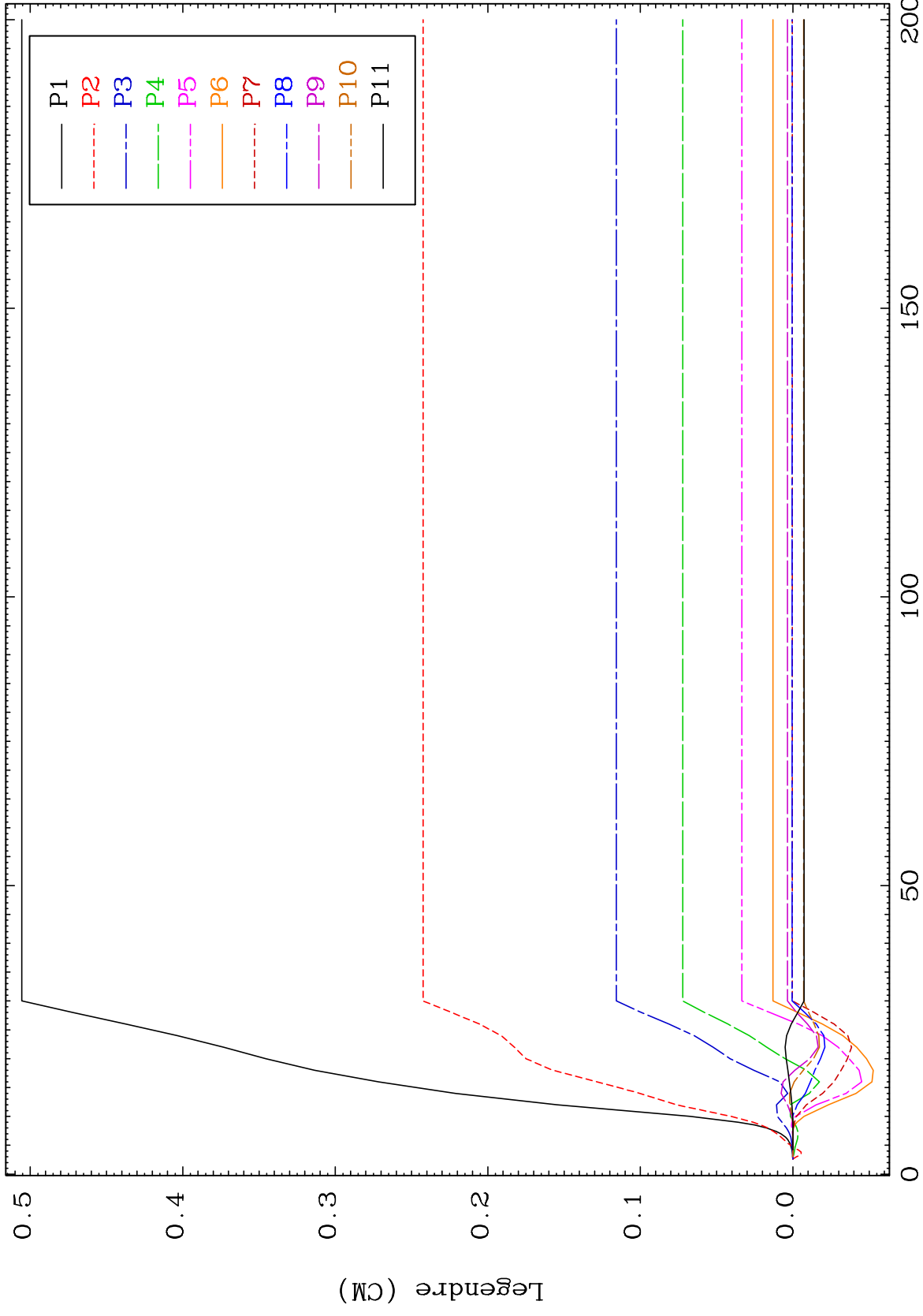




MAT 2531

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

25-Mn-57



94

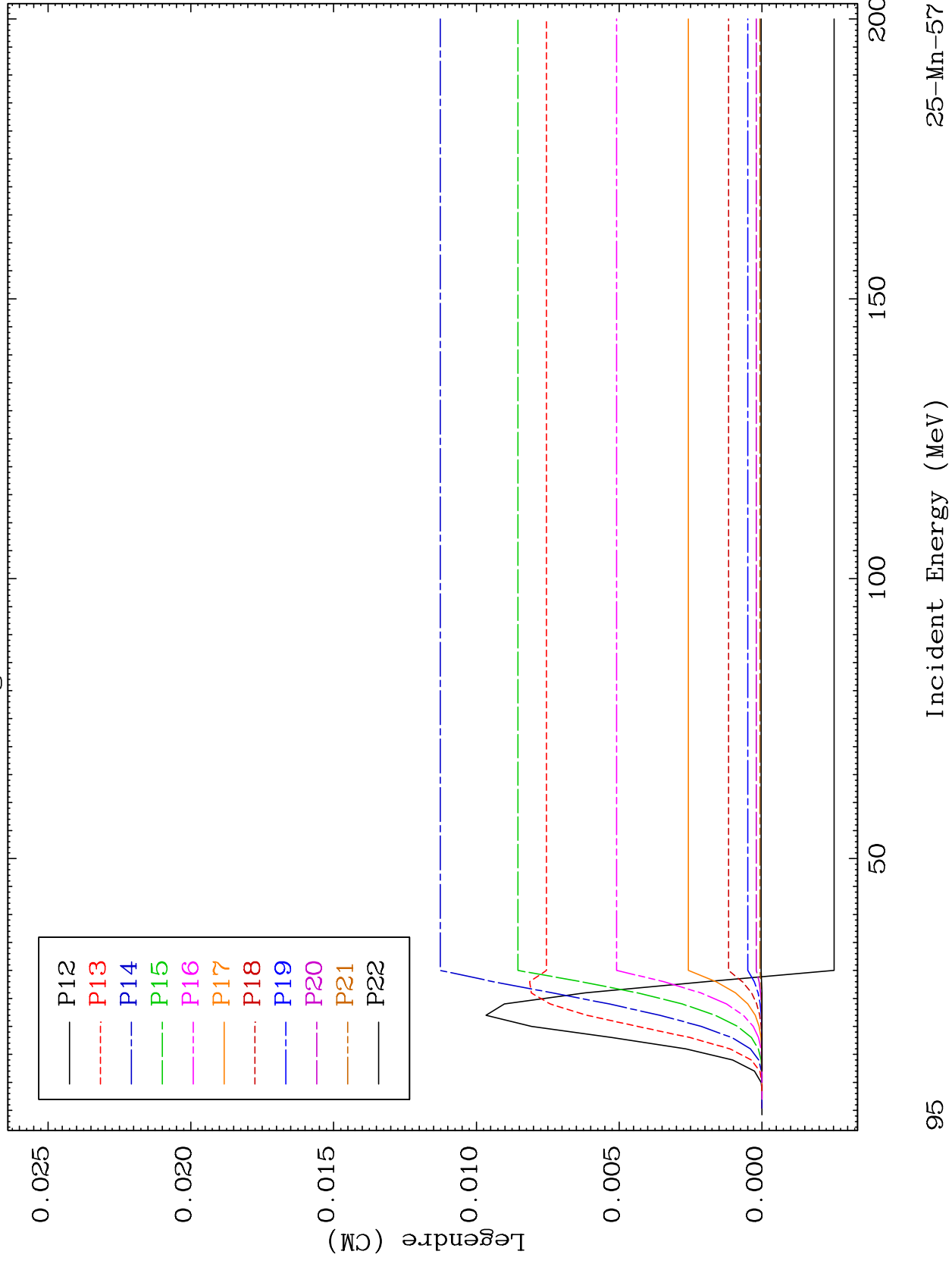
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



95

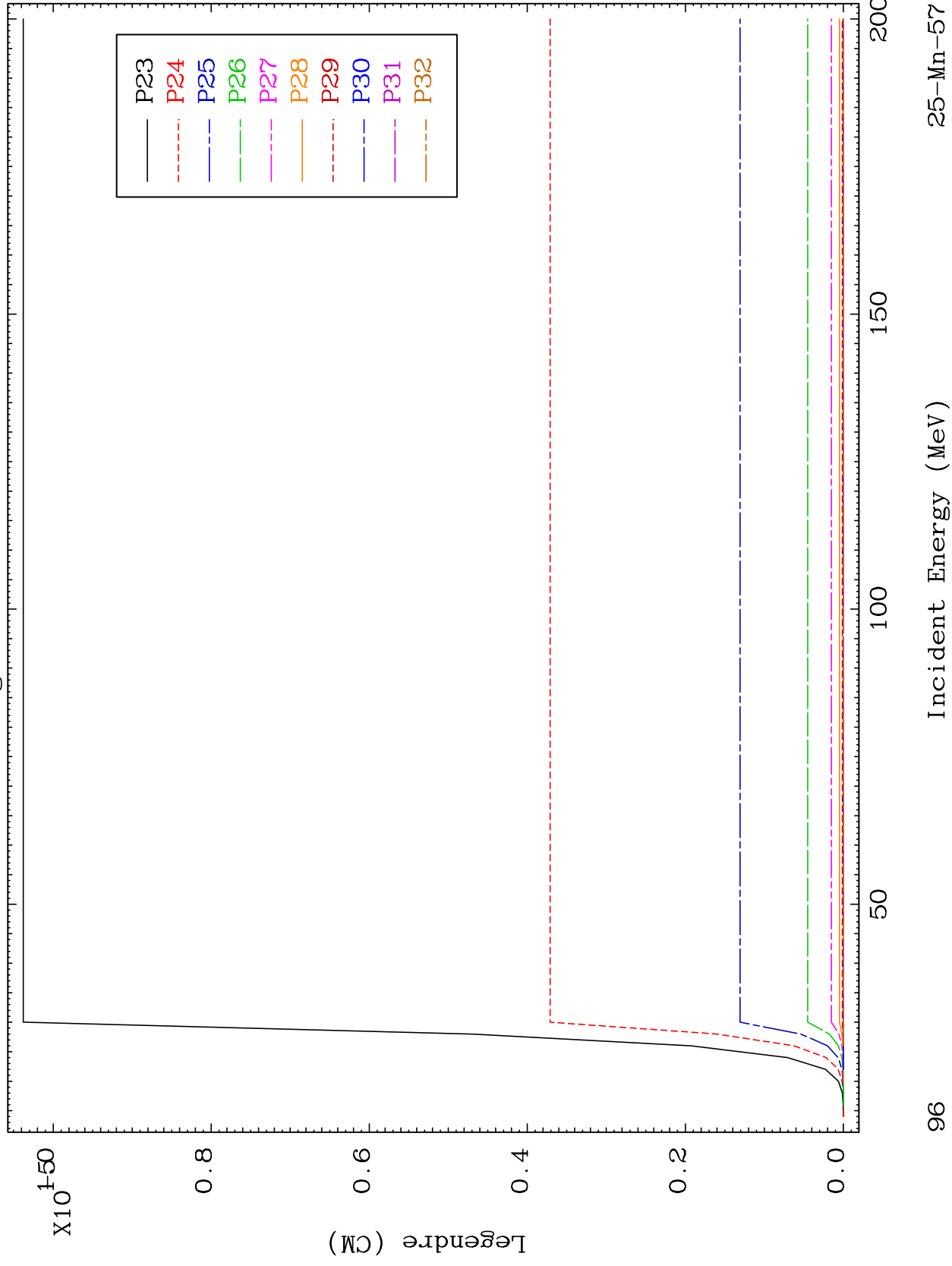
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

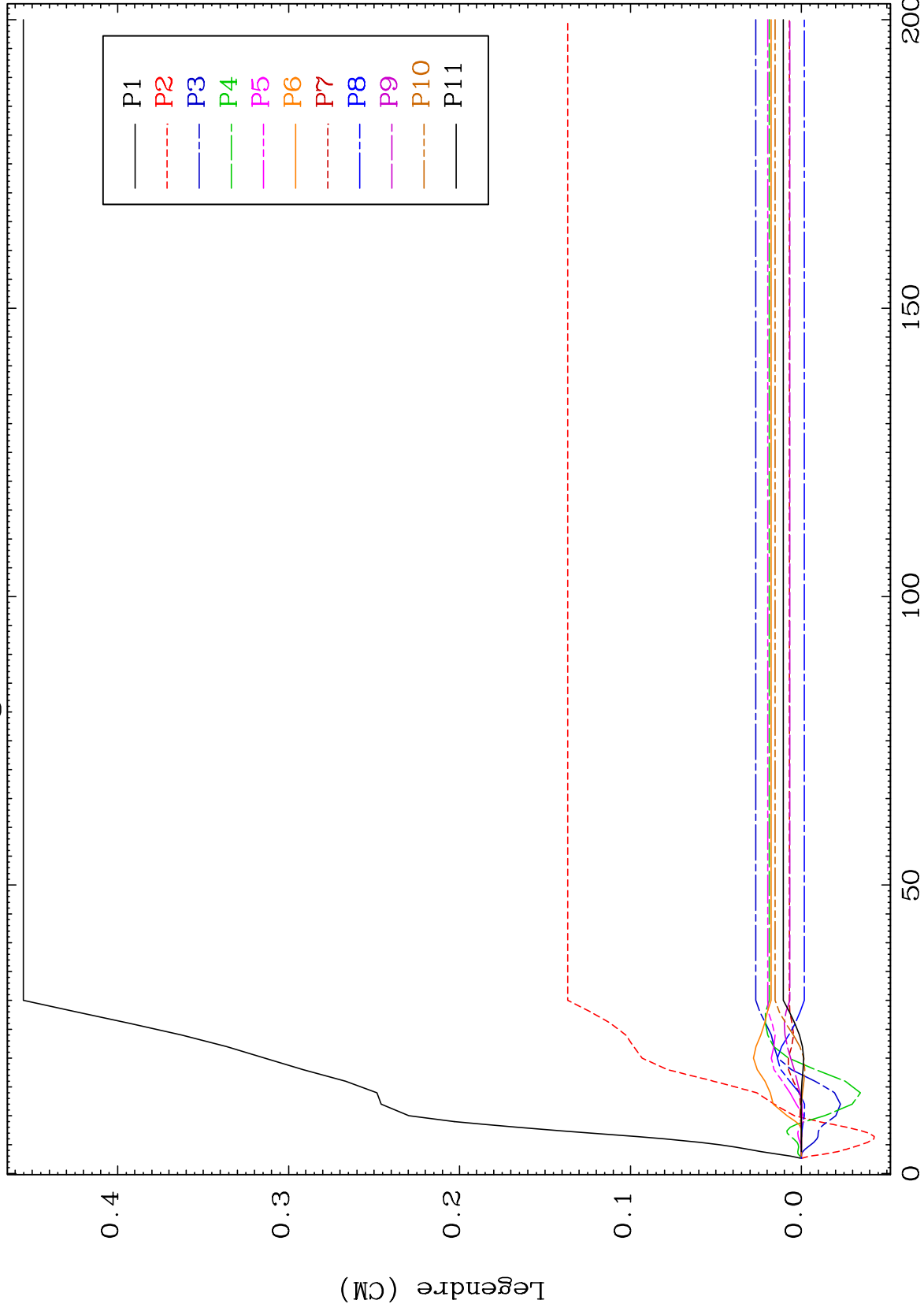
25-Mn-57



MAT 2531

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

25-Mn-57



97

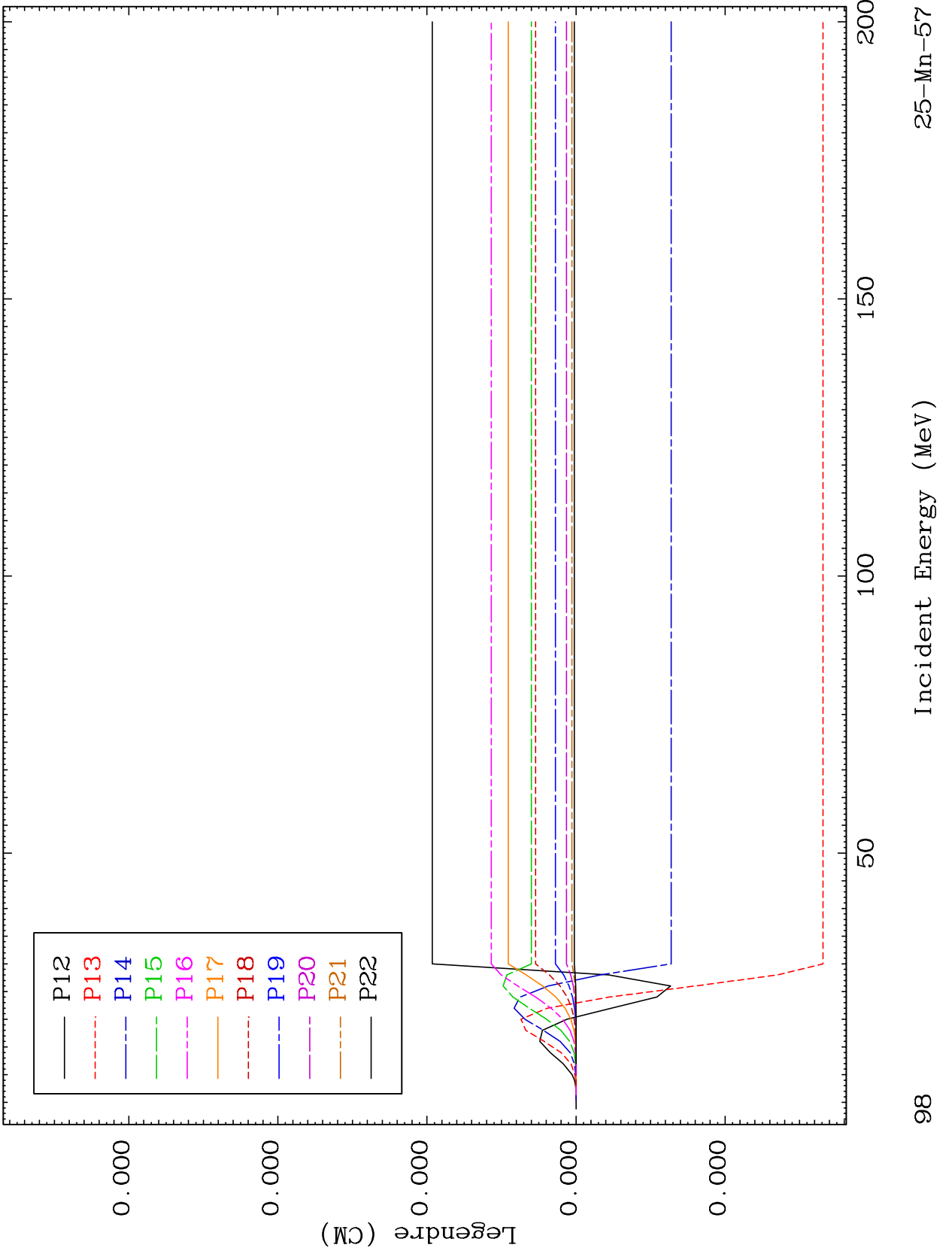
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

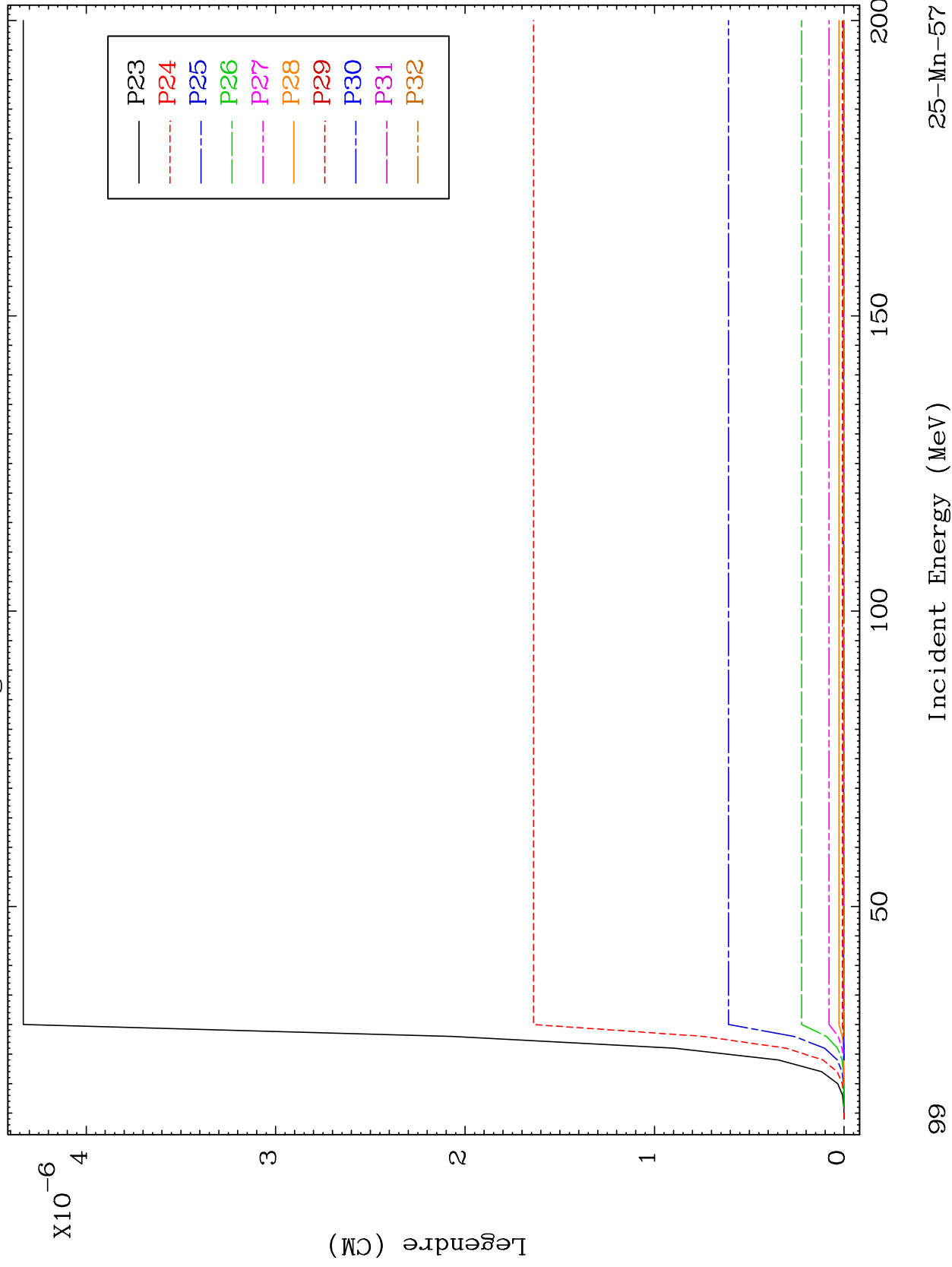
25-Mn-57

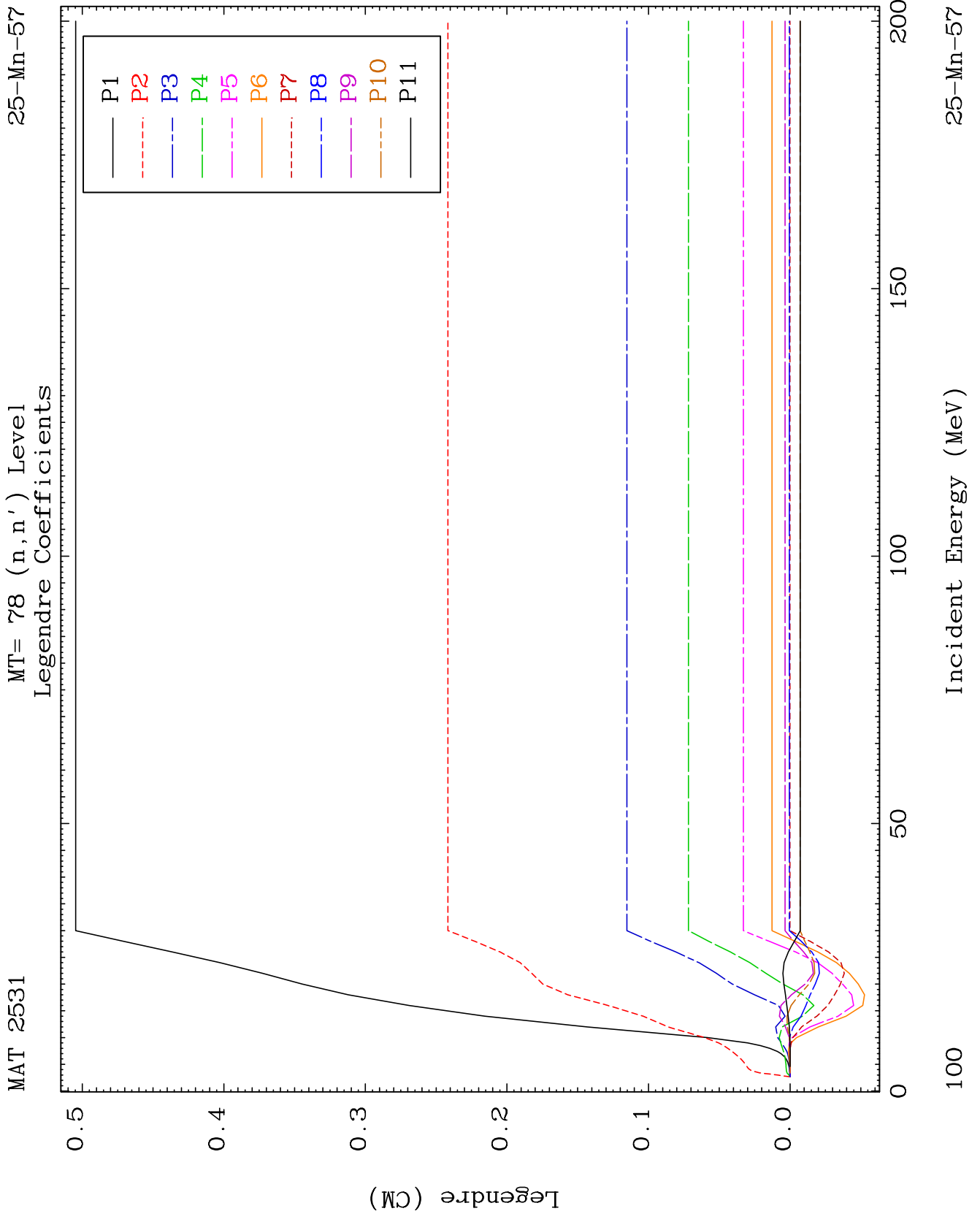


MAT 2531

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

25-Mn-57

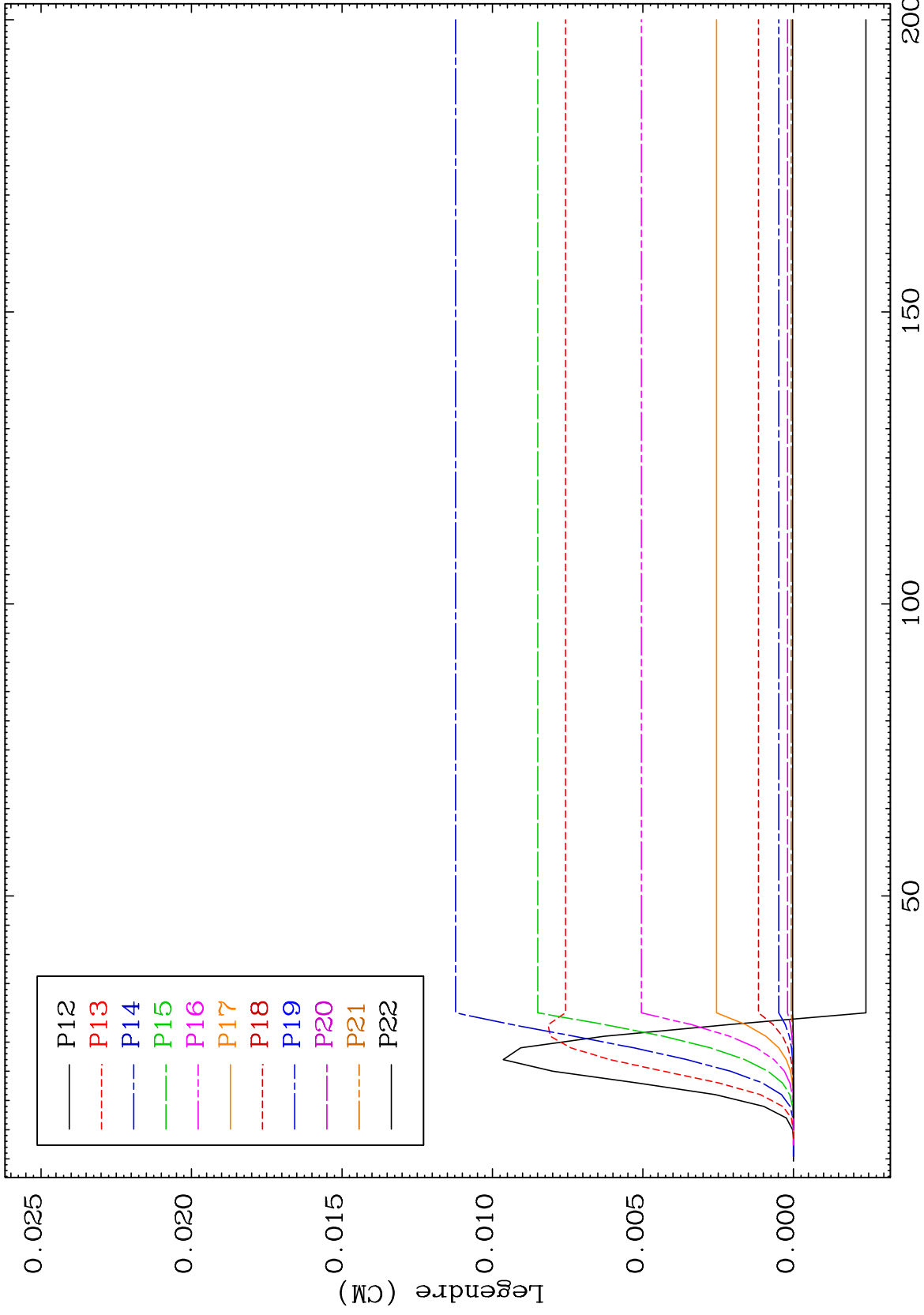




MAT 2531

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

25-Mn-57



101

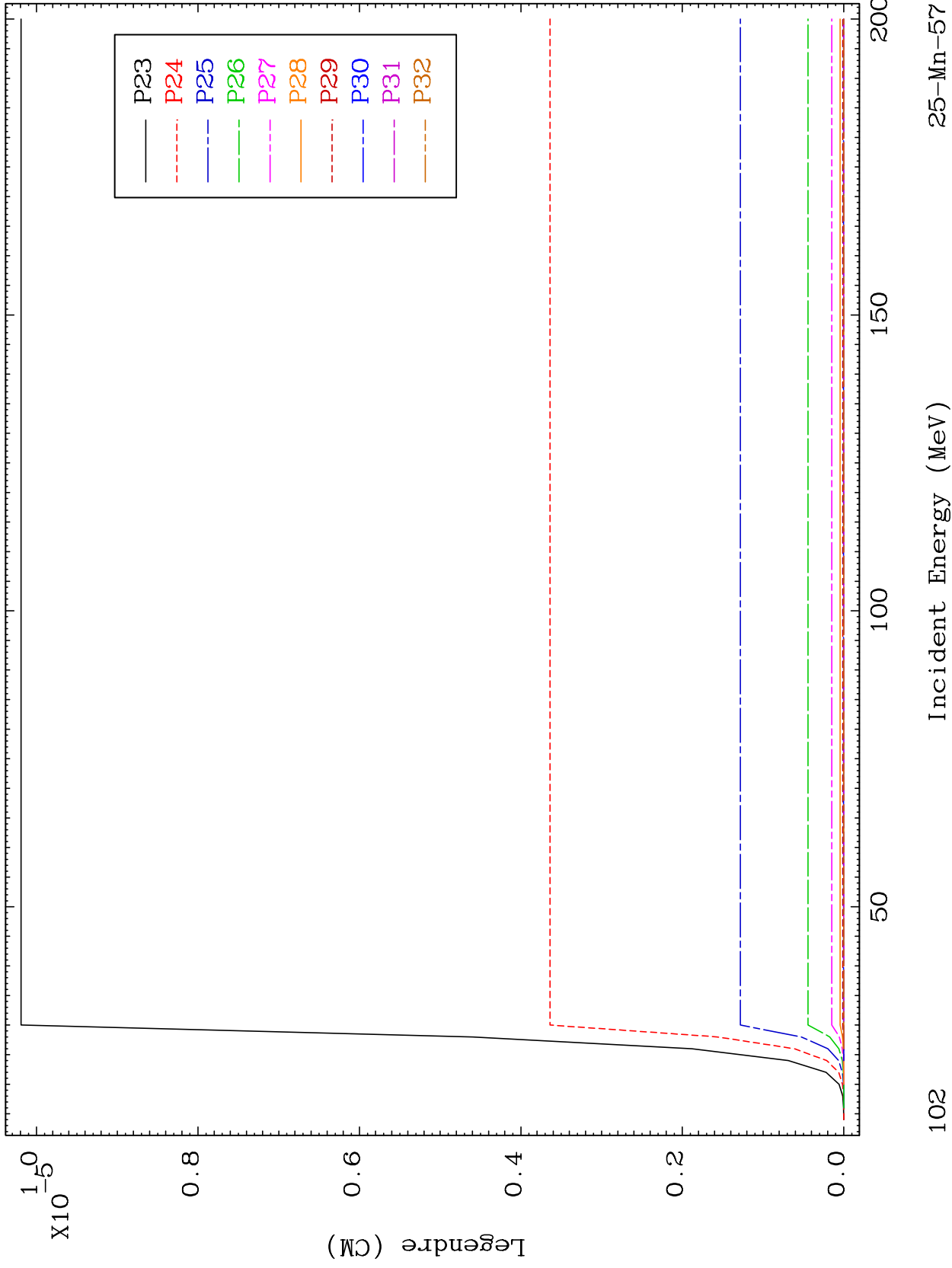
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

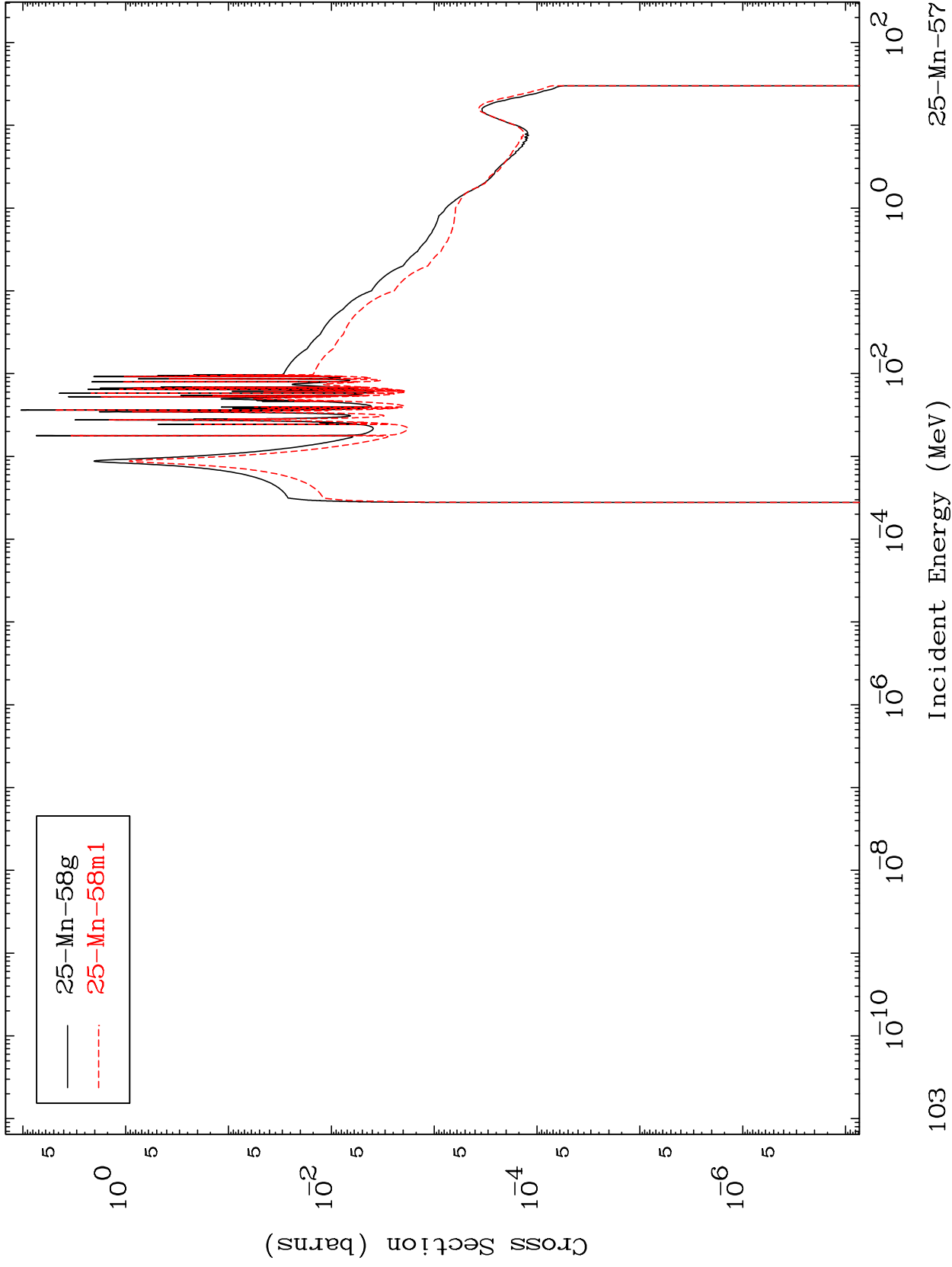
25-Mn-57



MAT 2531

25-Mn-57

(n, γ)
Radionuclide Production Cross Section

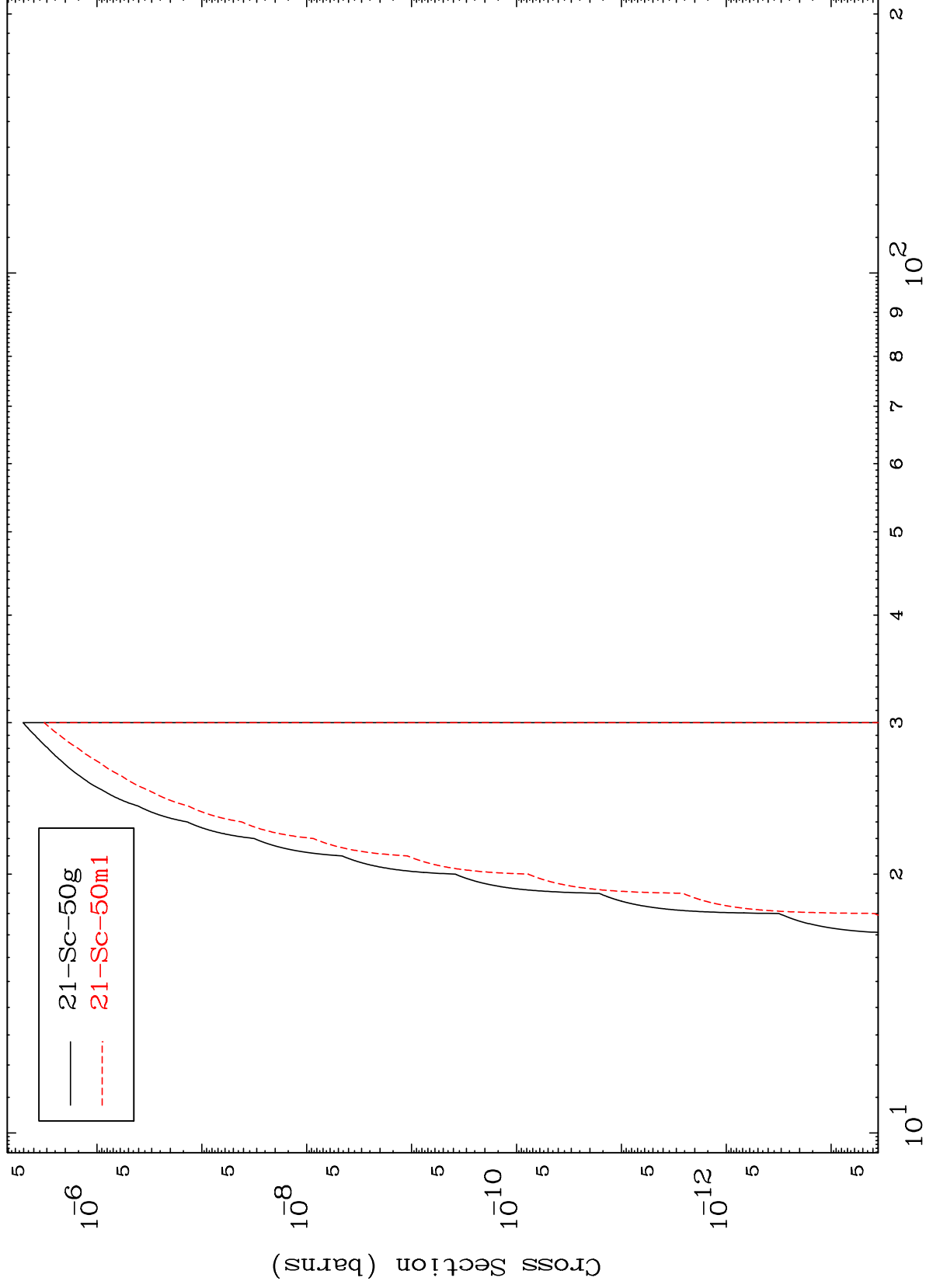


MAT 2531

(n,2α)

25-Mn-57

Radionuclide Production Cross Section



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Incident Energy (MeV)

25-Mn-57