

Program EVALPLOT
(Version 2021-1)

by

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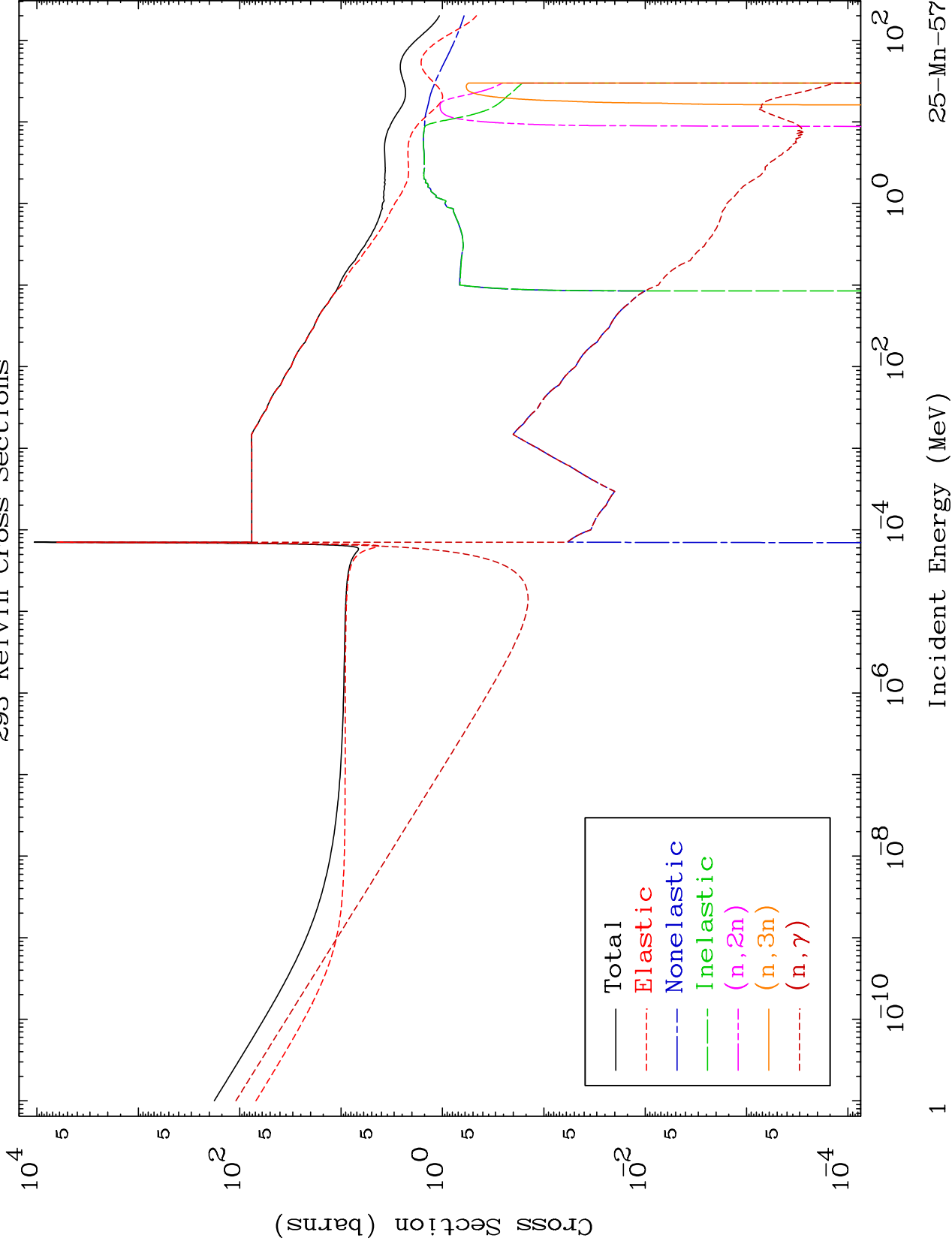
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Press Mouse Button to Start

MAT 2531

Neutron Major
293 Kelvin Cross Sections

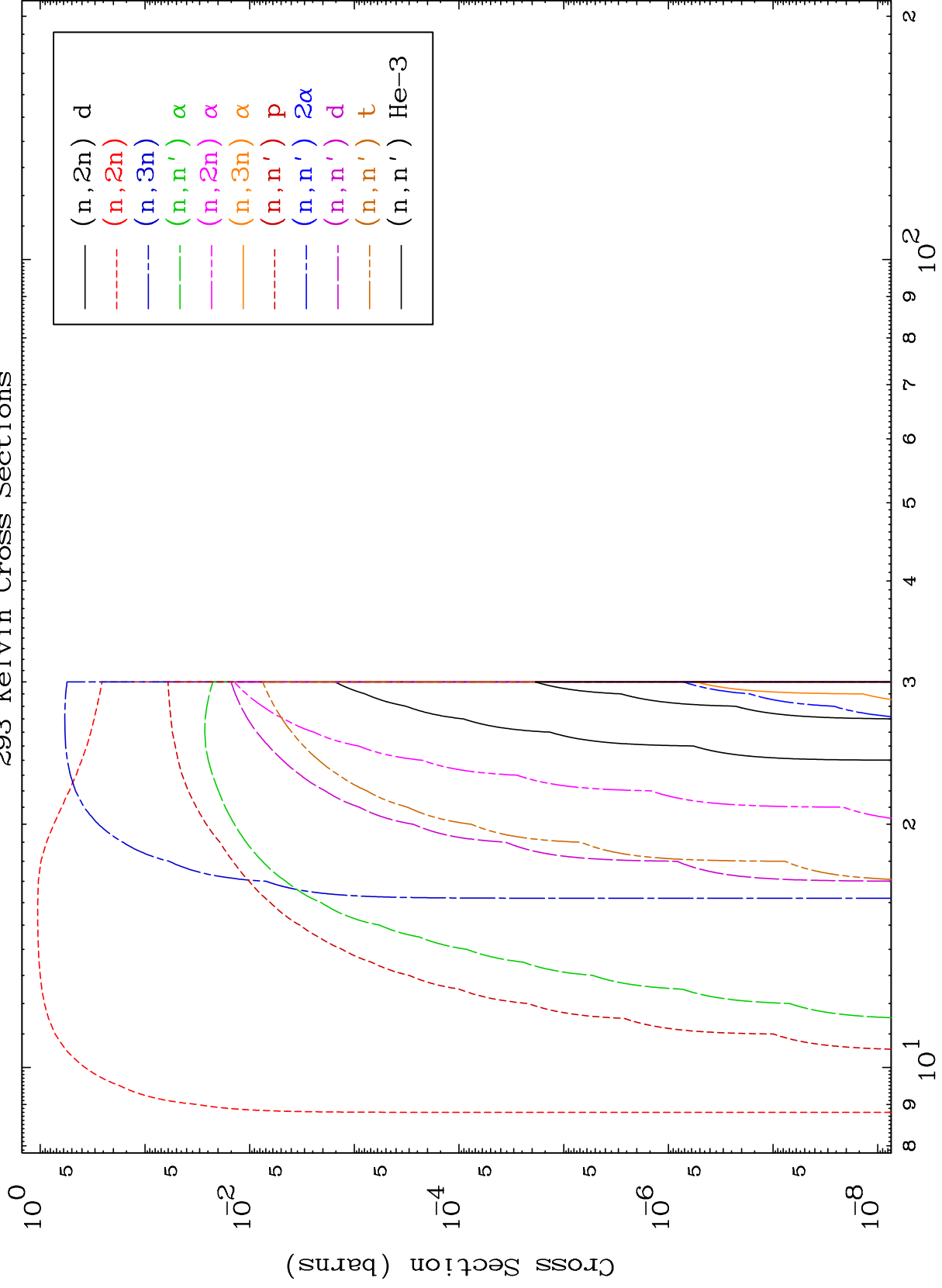
25-Mn-57



MAT 2531

Neutron Absorption
293 Kelvin Cross Sections

25-Mn-57



Incident Energy (MeV)

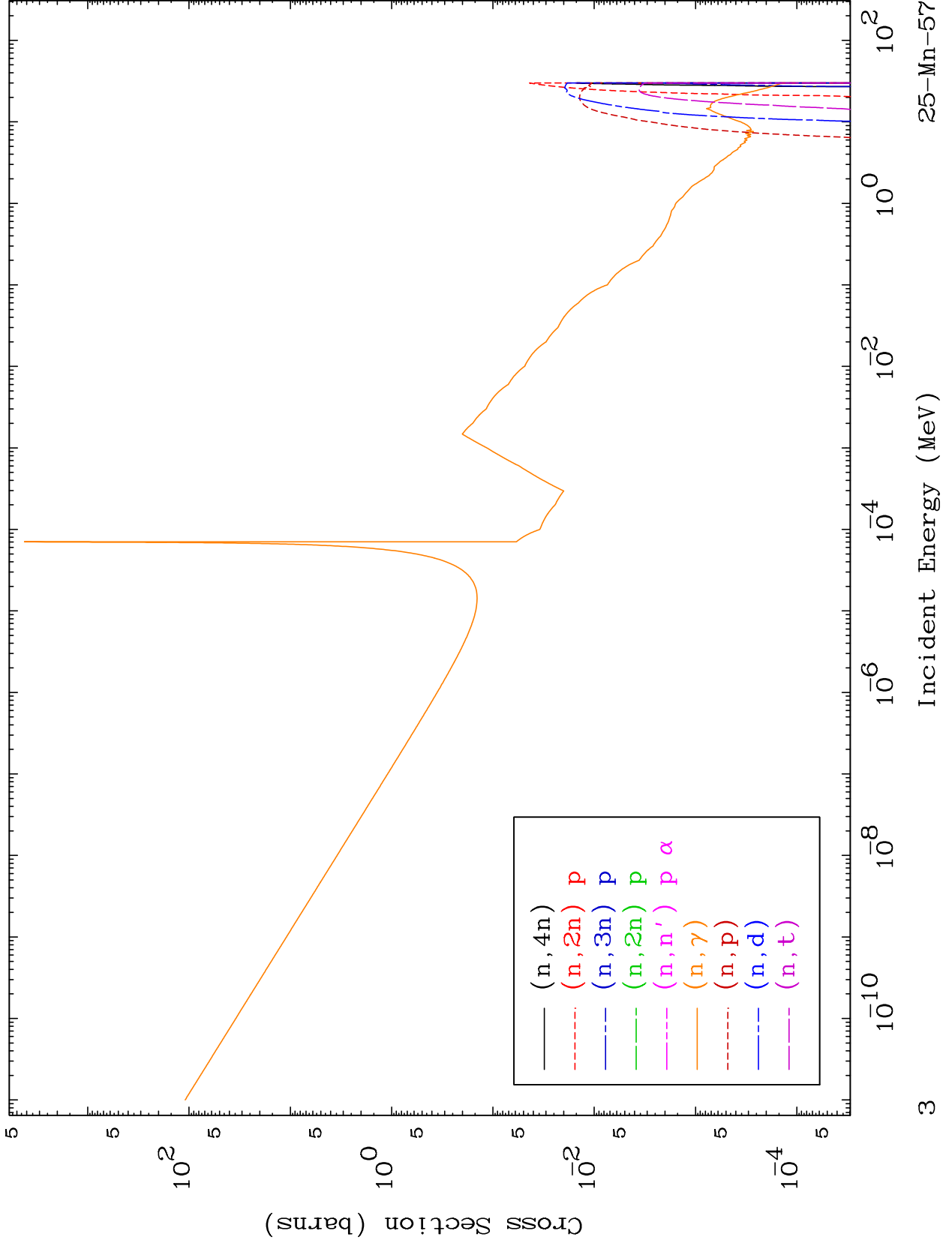
25-Mn-57

2

MAT 2531

Neutron Absorption
293 Kelvin Cross Sections

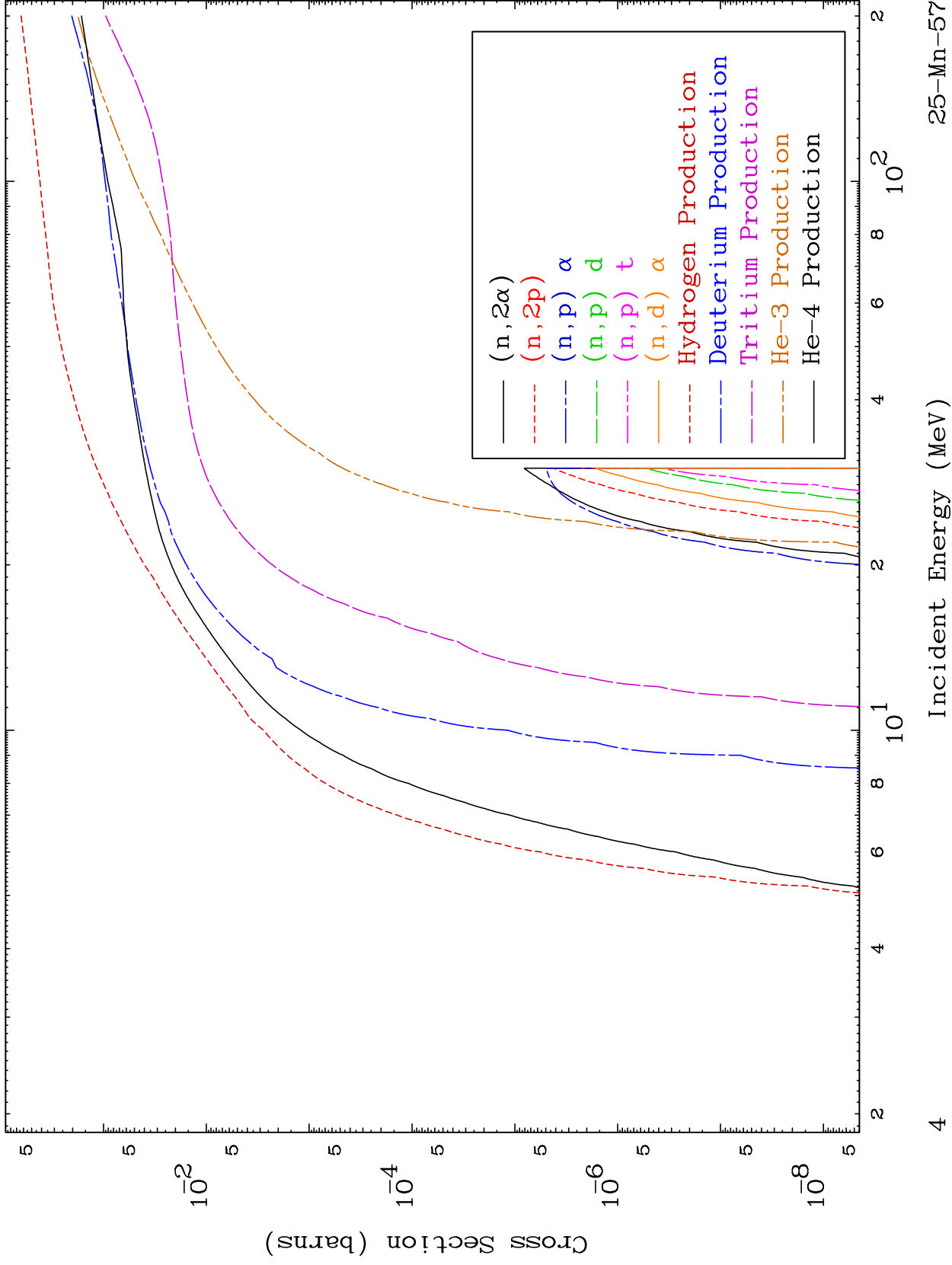
25-Mn-57



MAT 2531

Neutron Absorption
293 Kelvin Cross Sections

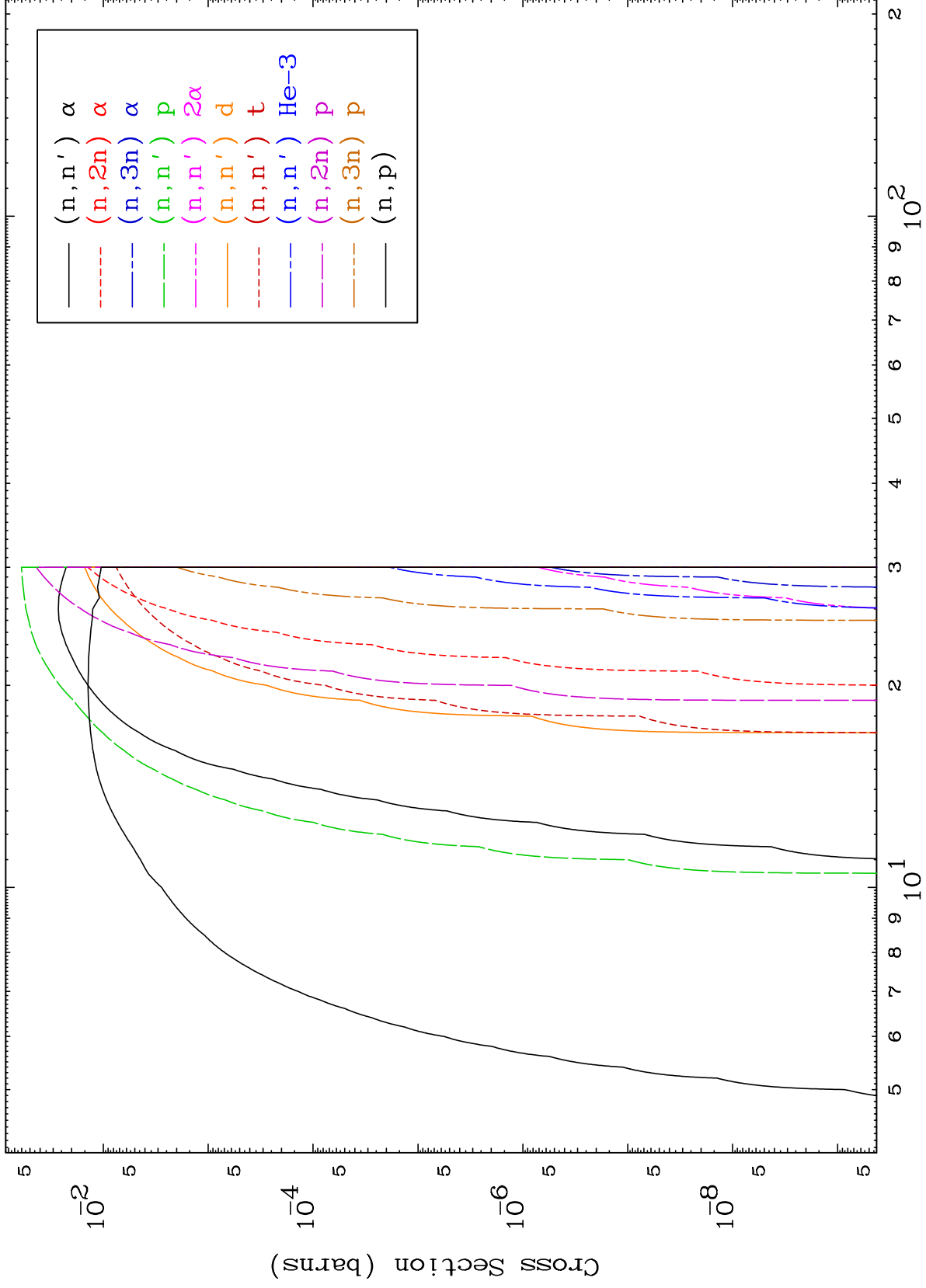
25-Mn-57

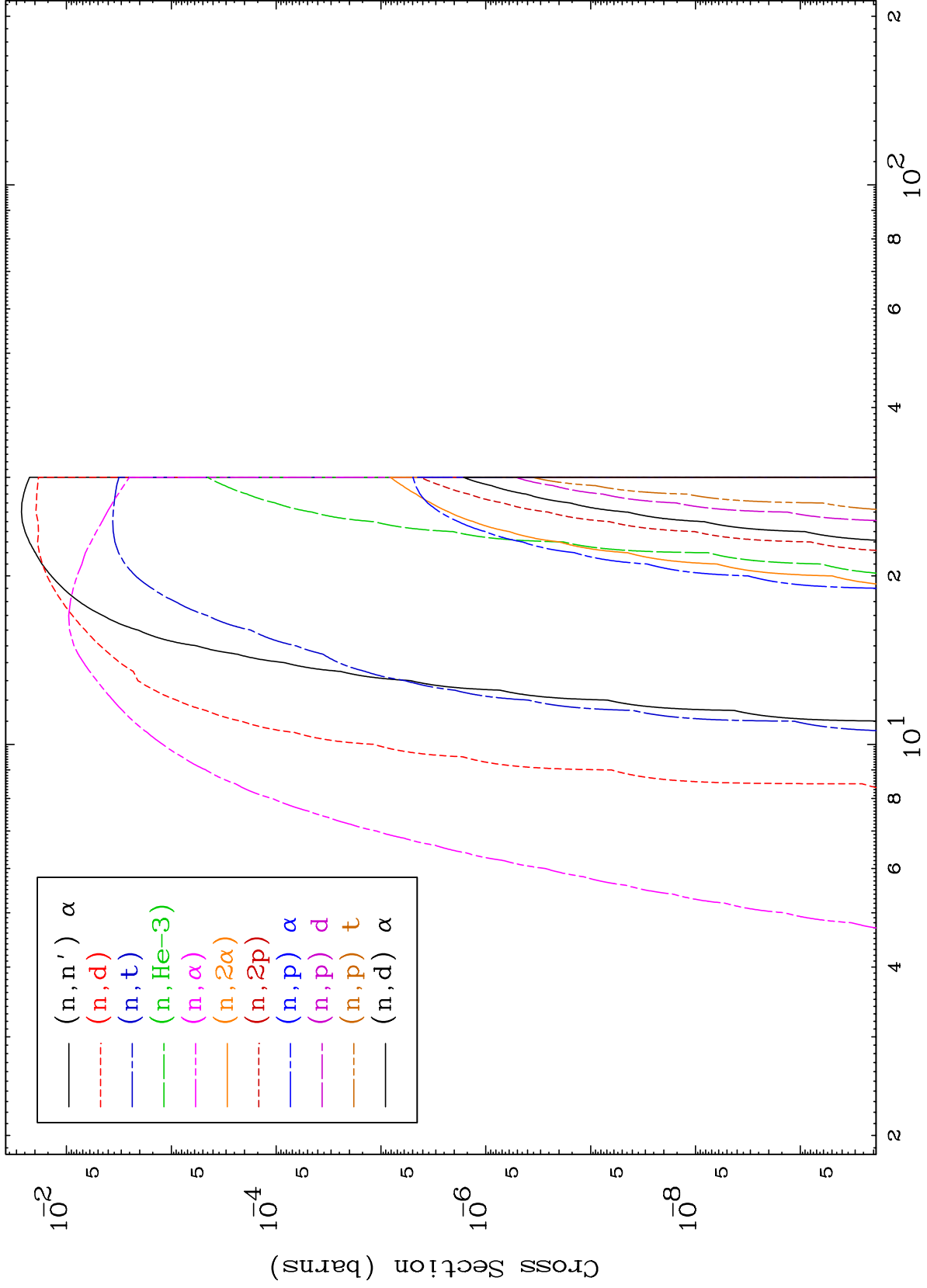


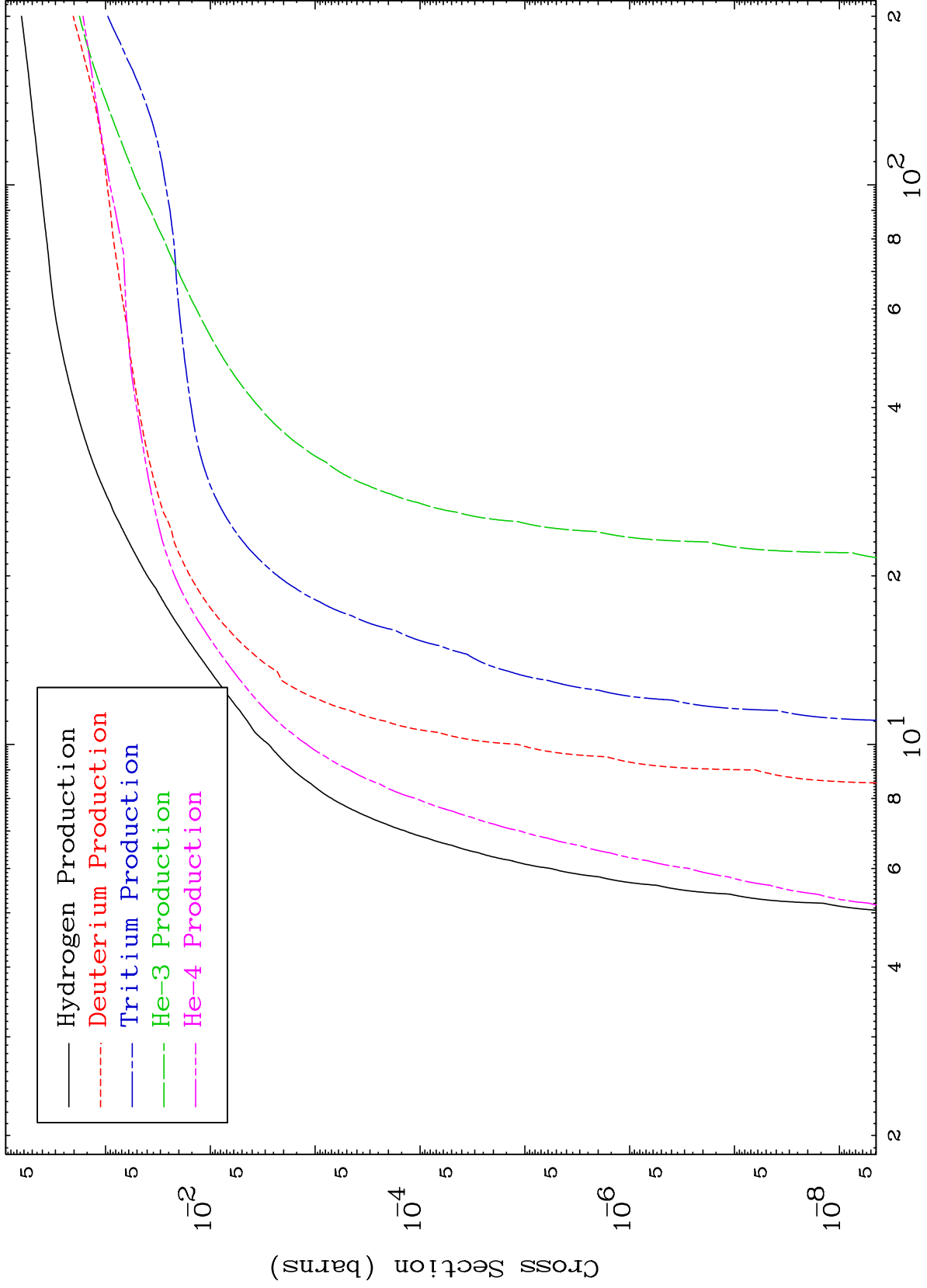
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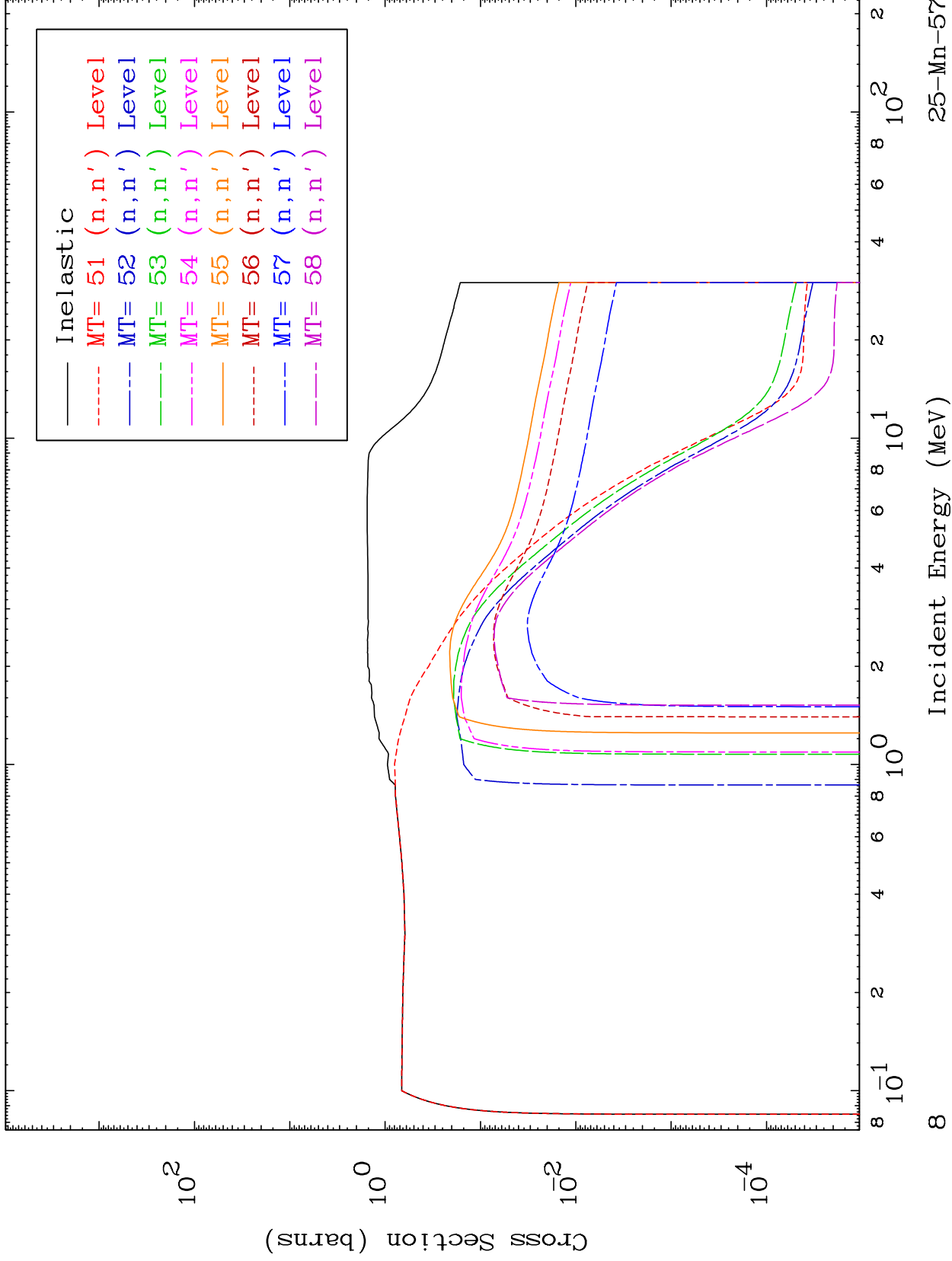
Incident Energy (MeV)

4







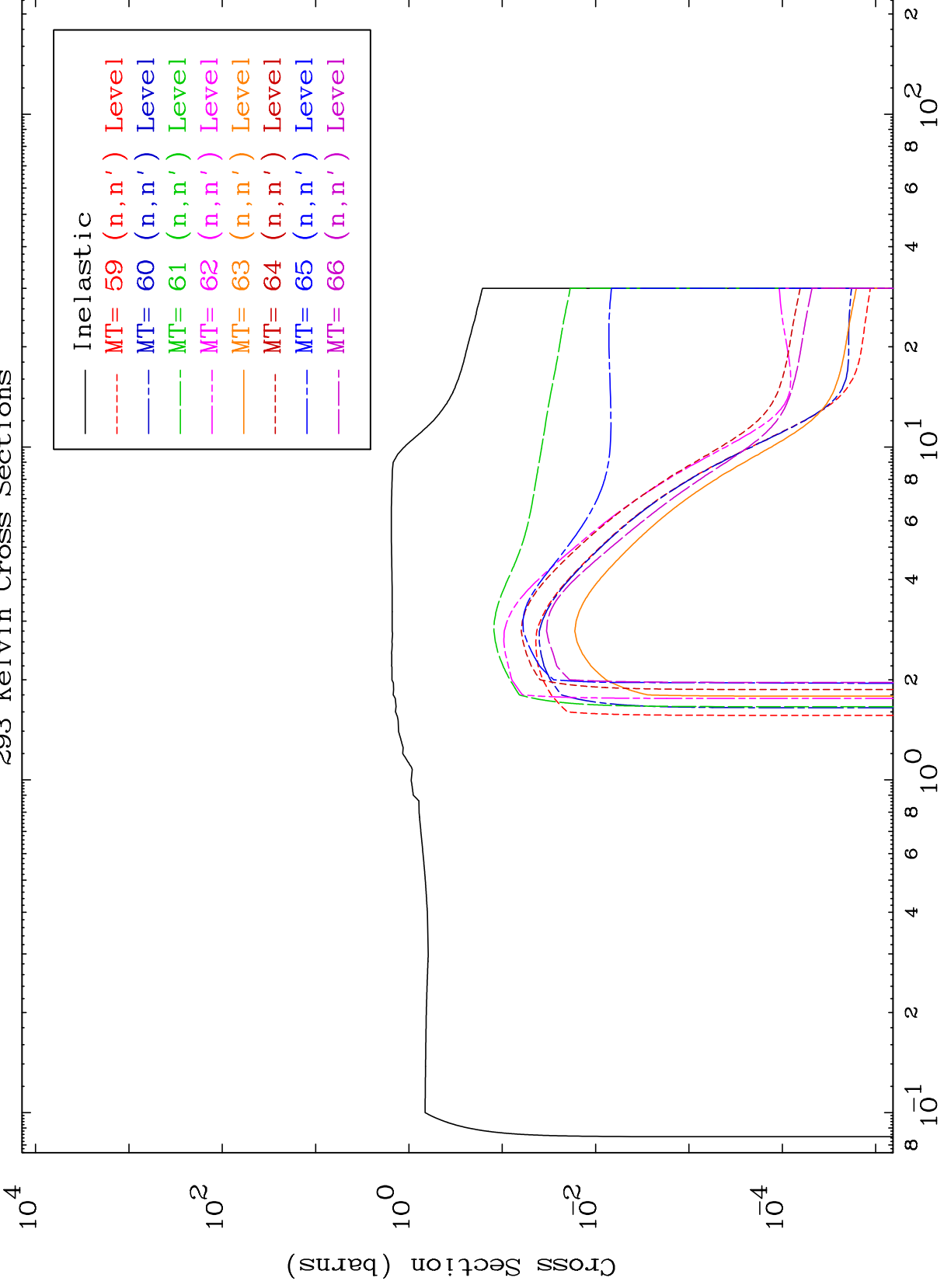


MAT 2531

(n,n') Levels

25-Mn-57

293 Kelvin Cross Sections



9

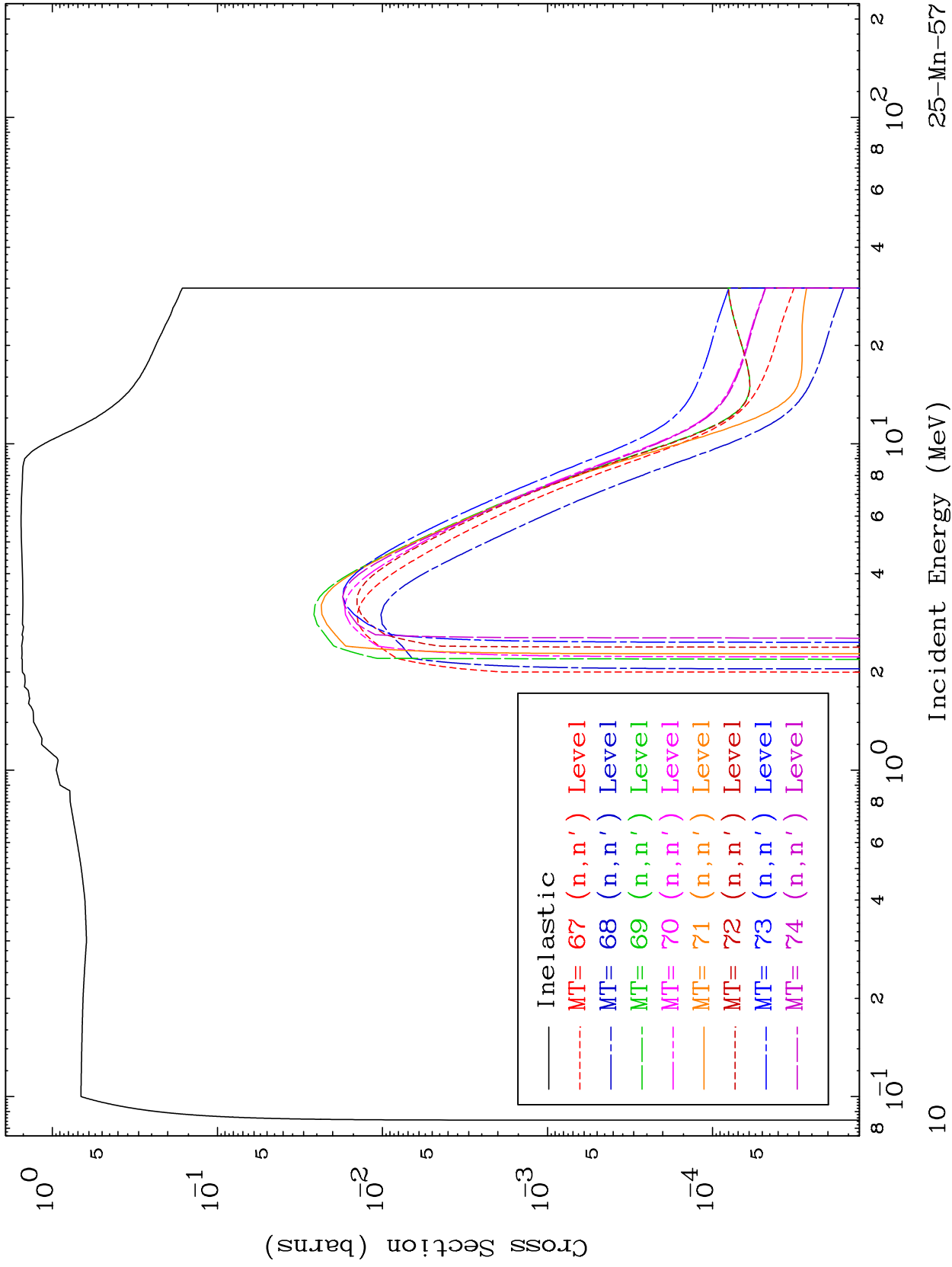
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,n') Levels
293 Kelvin Cross Sections

25-Mn-57



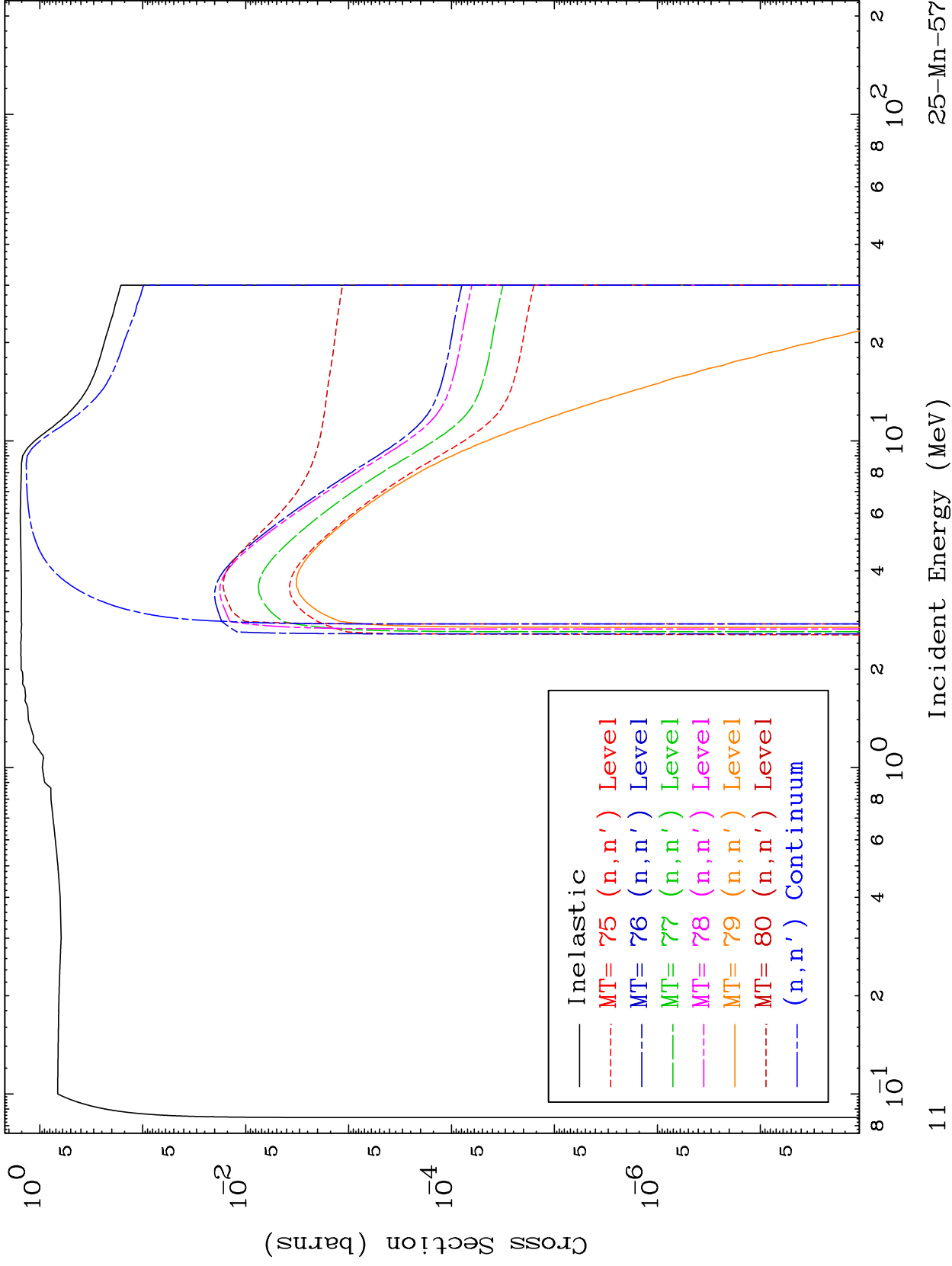
25-Mn-57

Incident Energy (MeV)

MAT 2531

(n,n') Levels
293 Kelvin Cross Sections

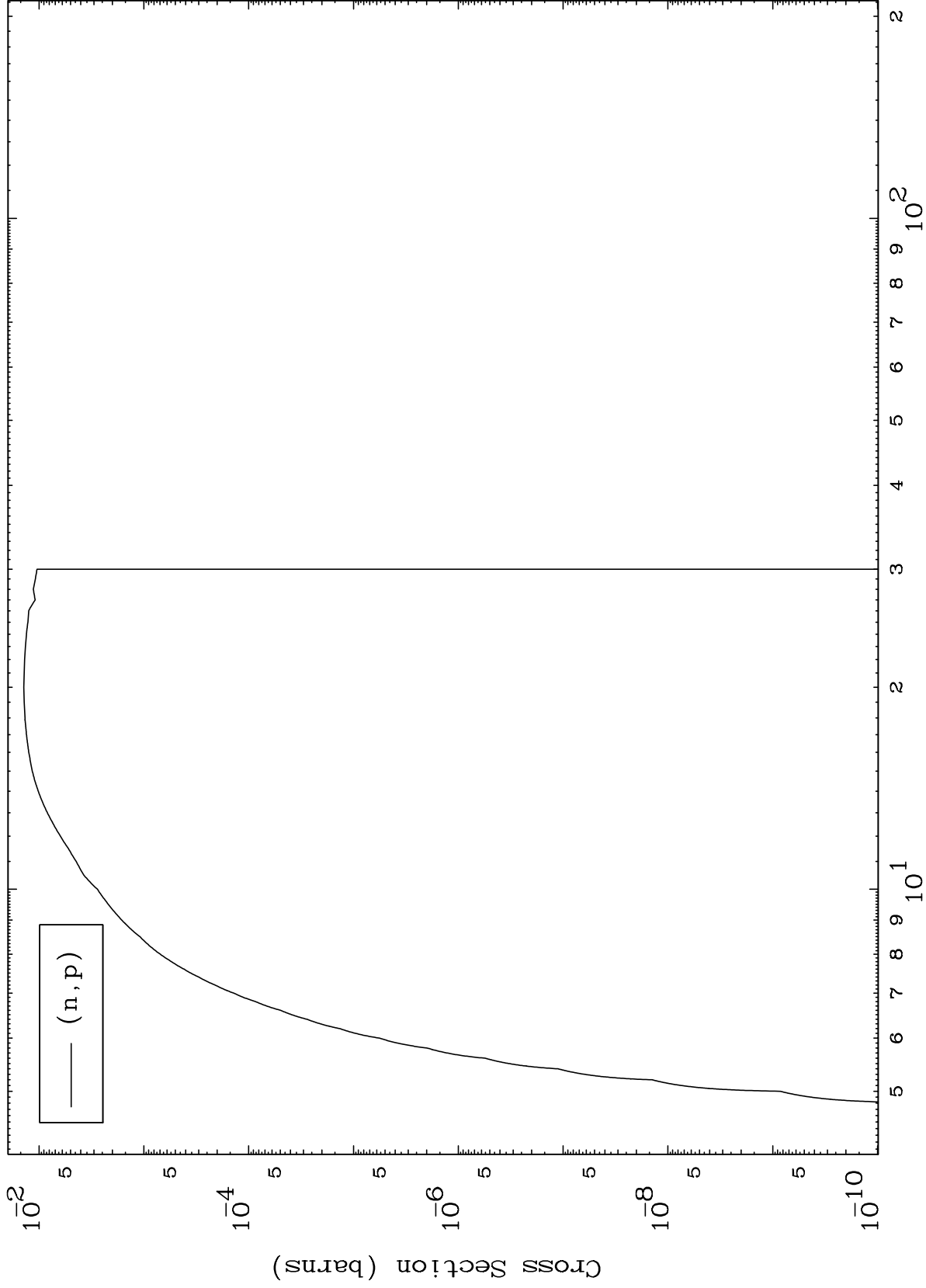
25-Mn-57



MAT 2531

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-57



12

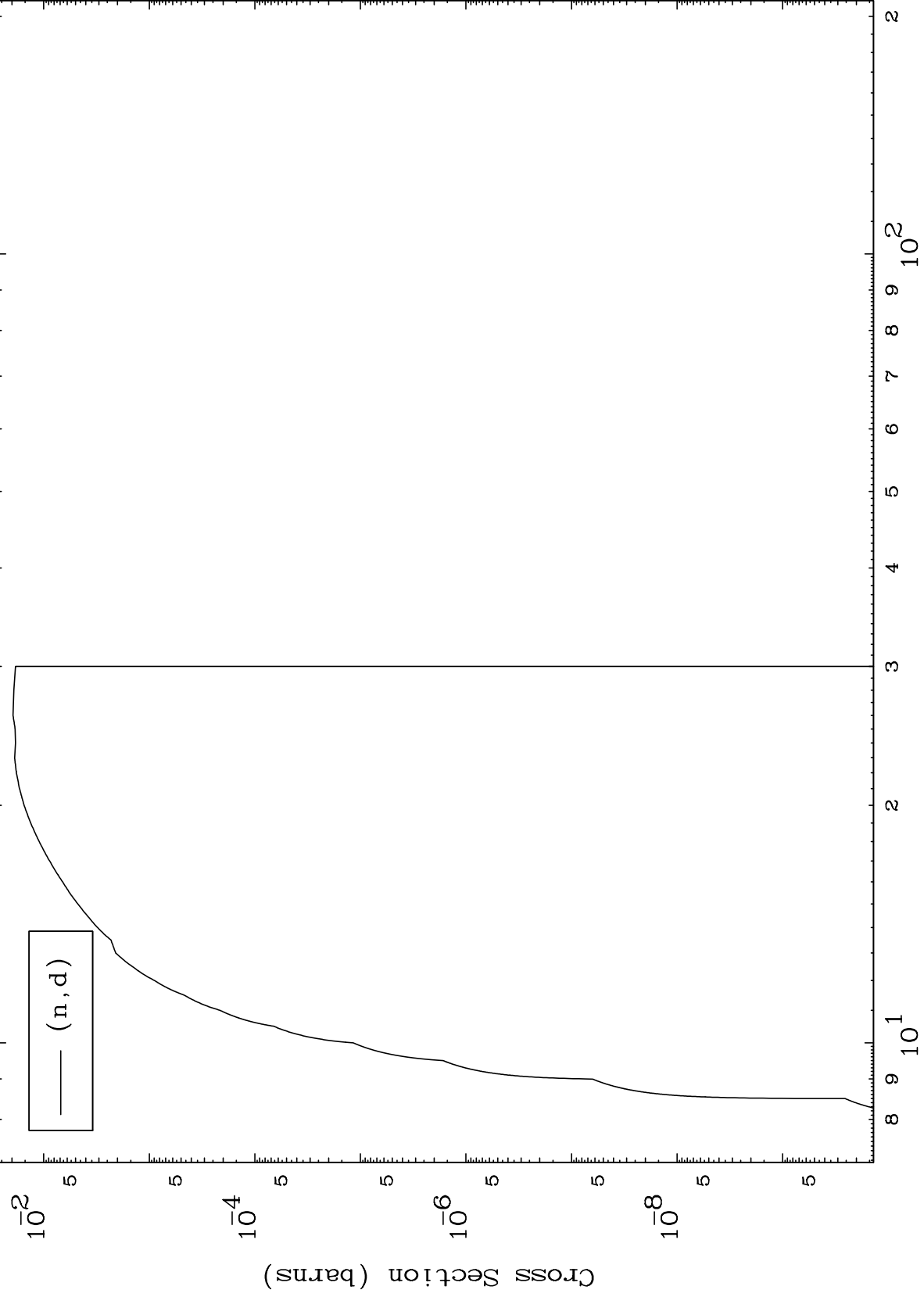
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-57



13

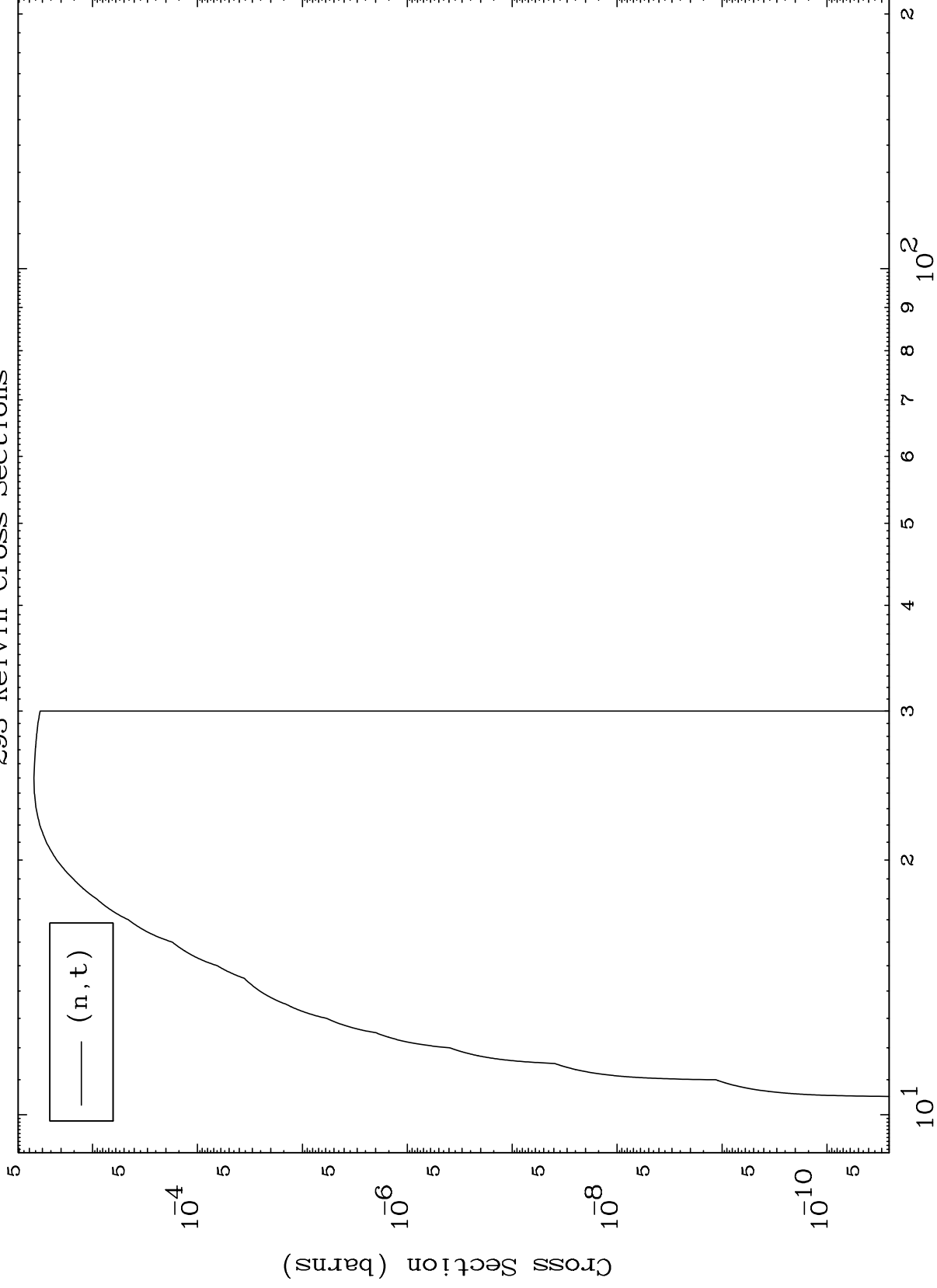
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,t) Levels
293 Kelvin Cross Sections

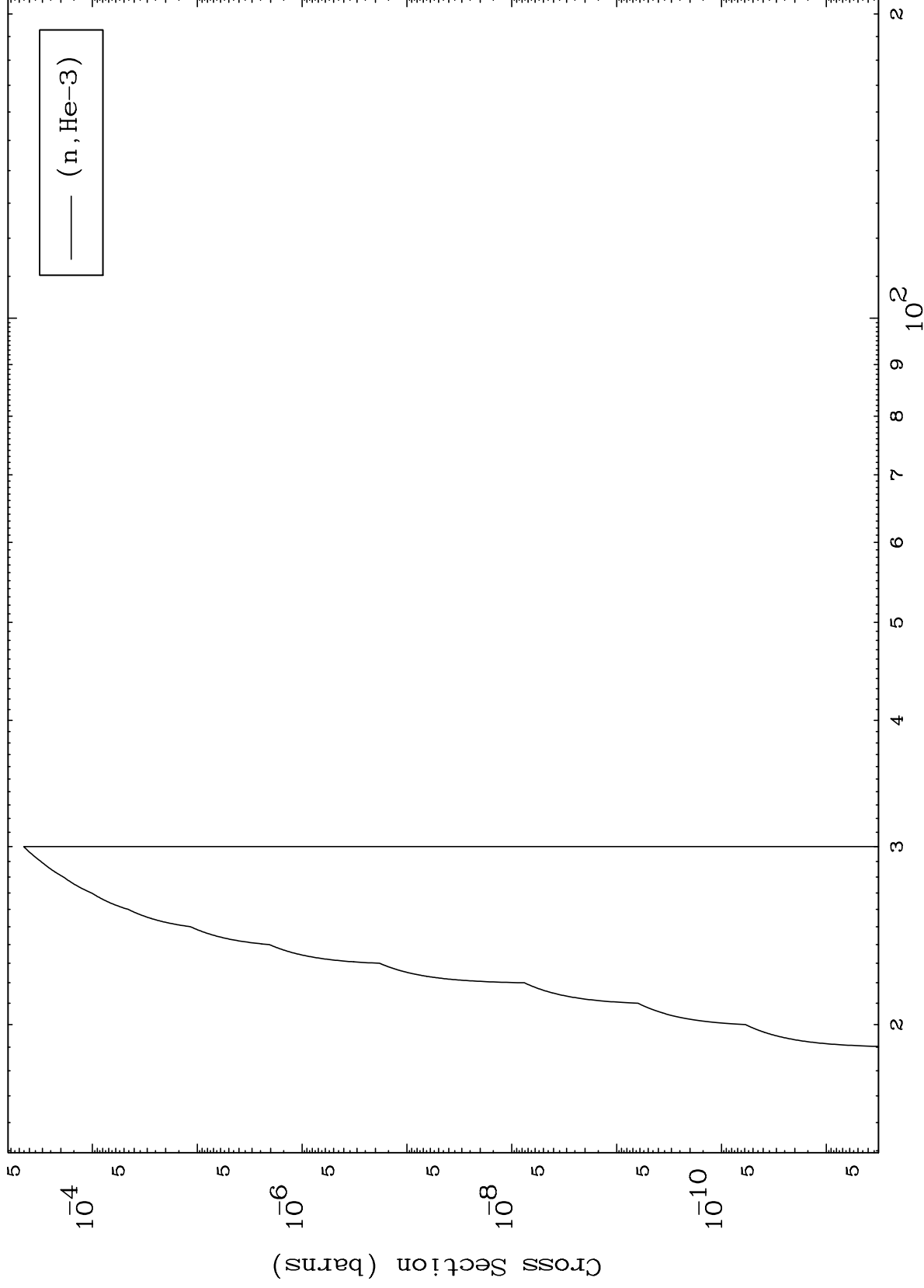
25-Mn-57



Incident Energy (MeV)

25-Mn-57

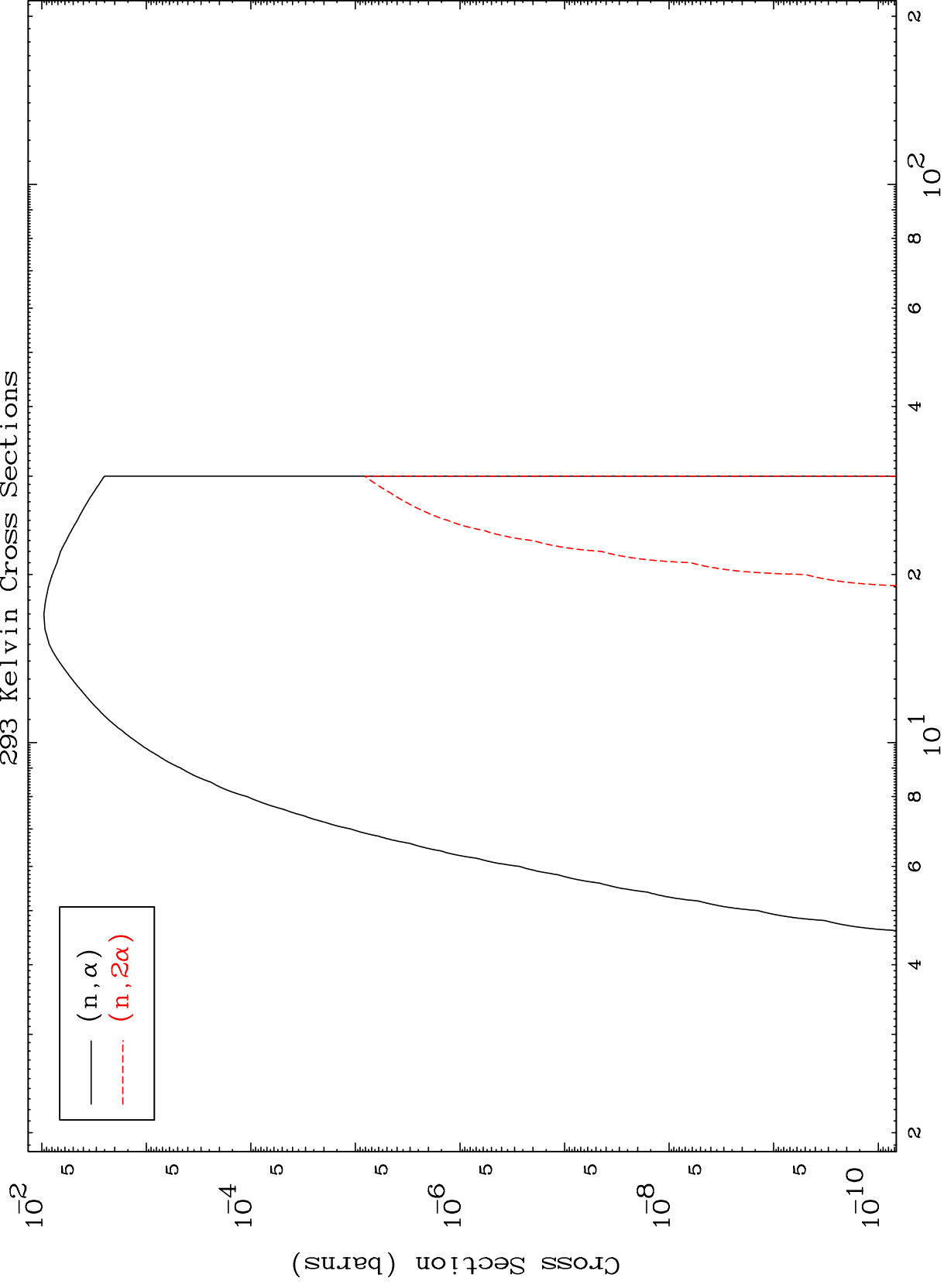
14



MAT 2531

(n, α) Levels
293 Kelvin Cross Sections

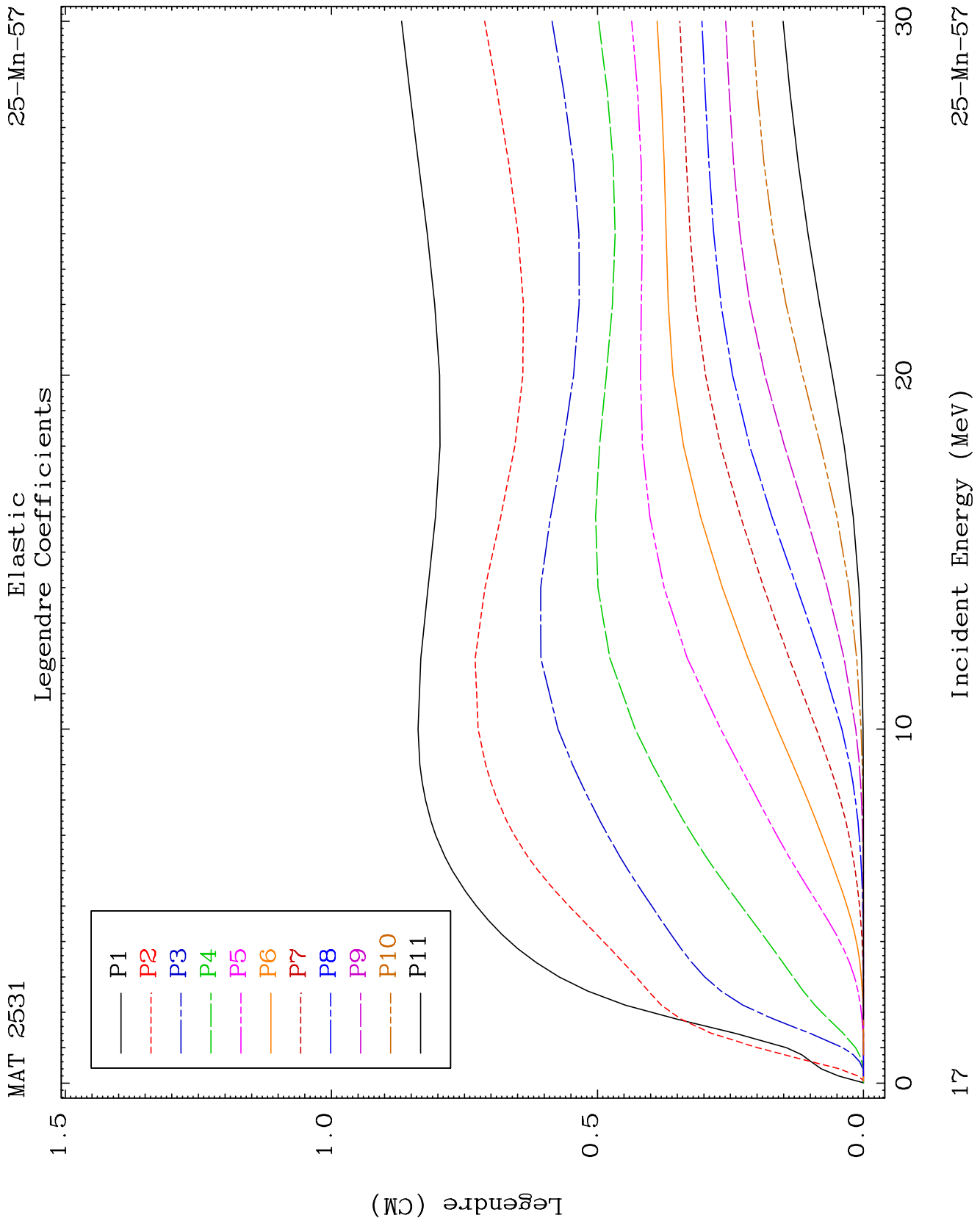
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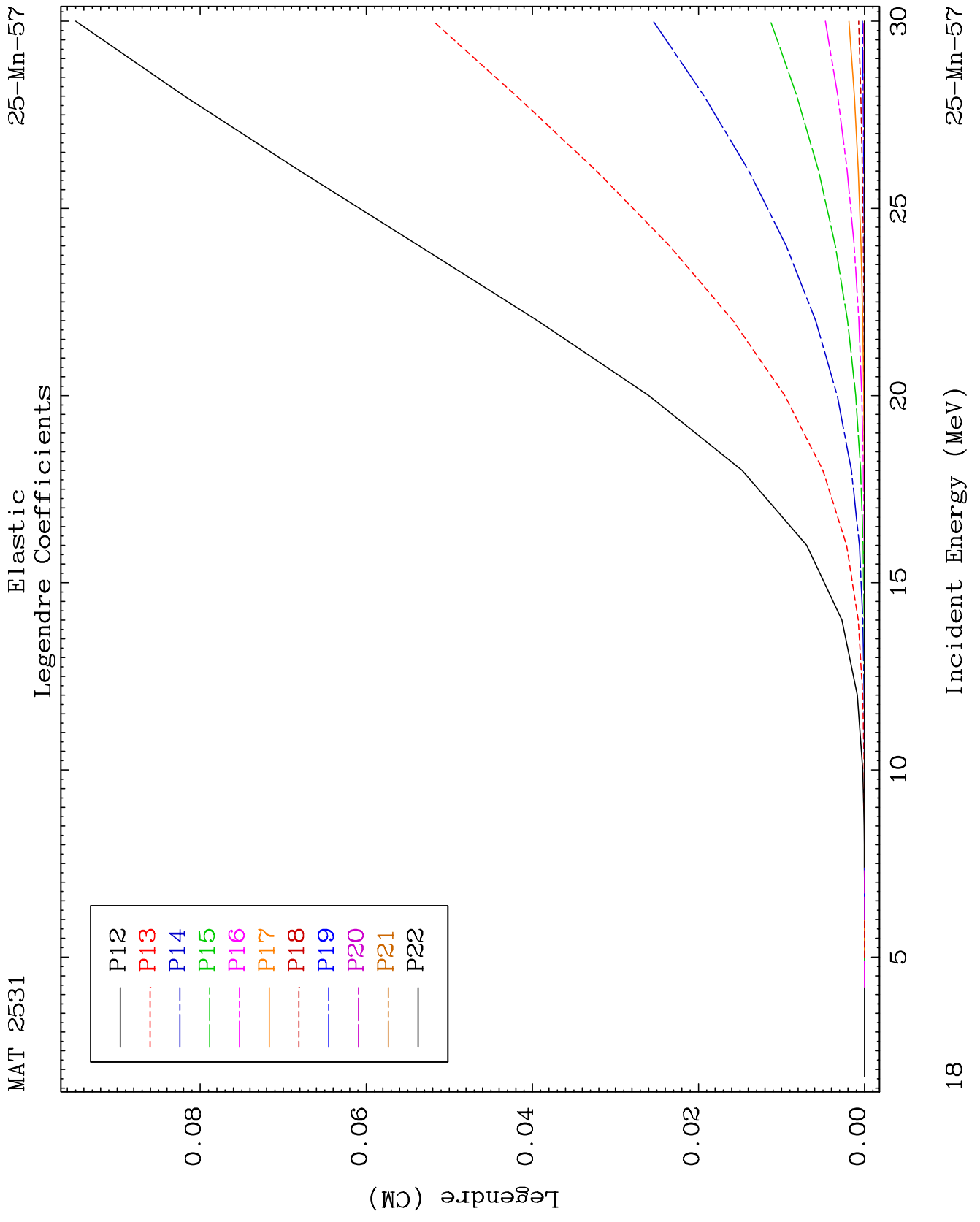


16

Incident Energy (MeV)

25-Mn-57

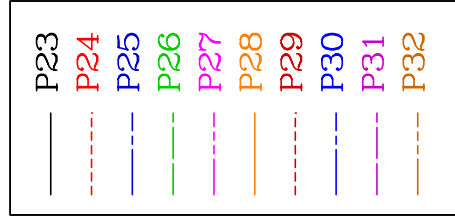




MAT 2531

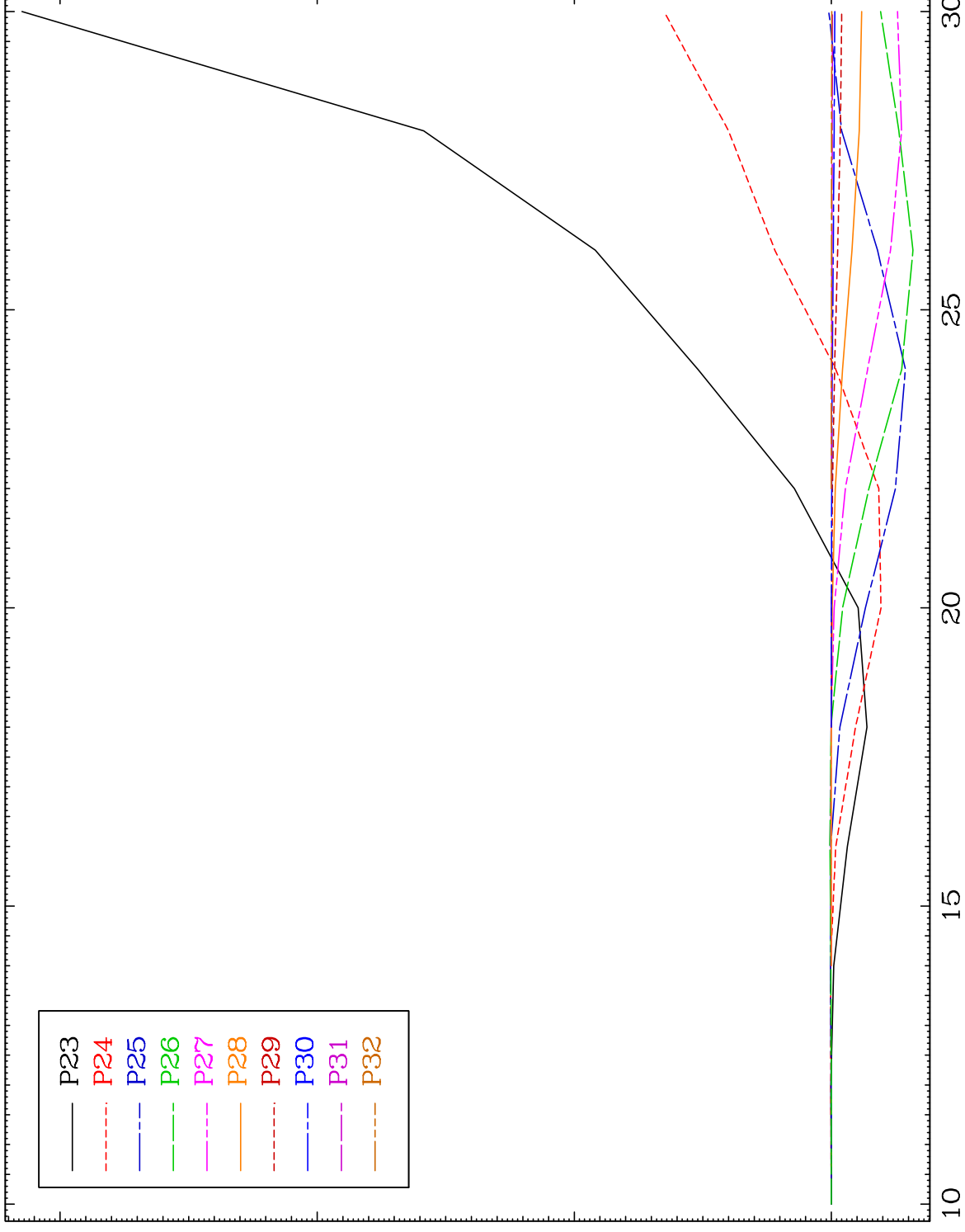
Elastic Legendre Coefficients

25-Mn-57



$\times 10^{-63}$

Legendre (CM)



10

15

20

25

30

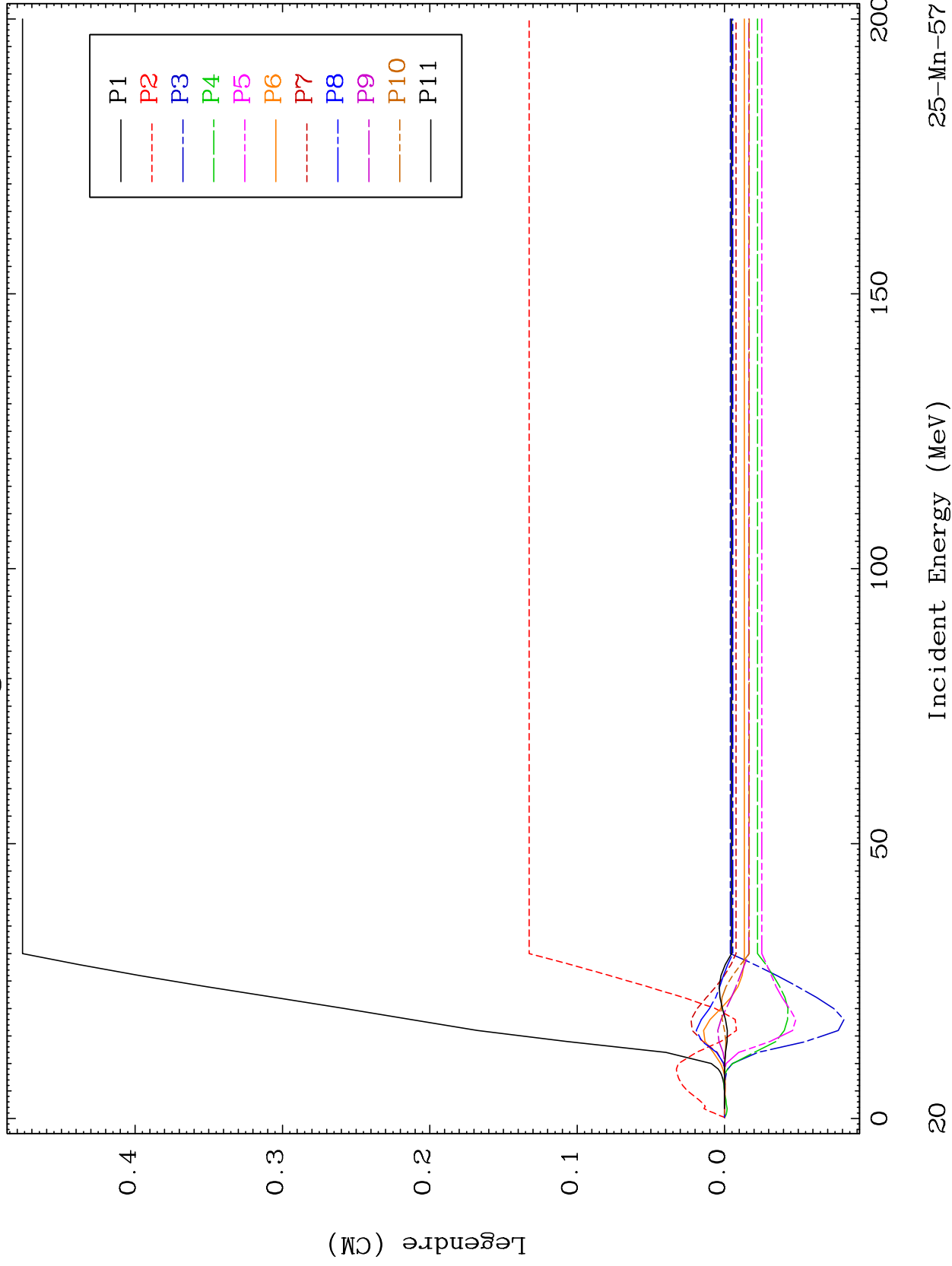
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57

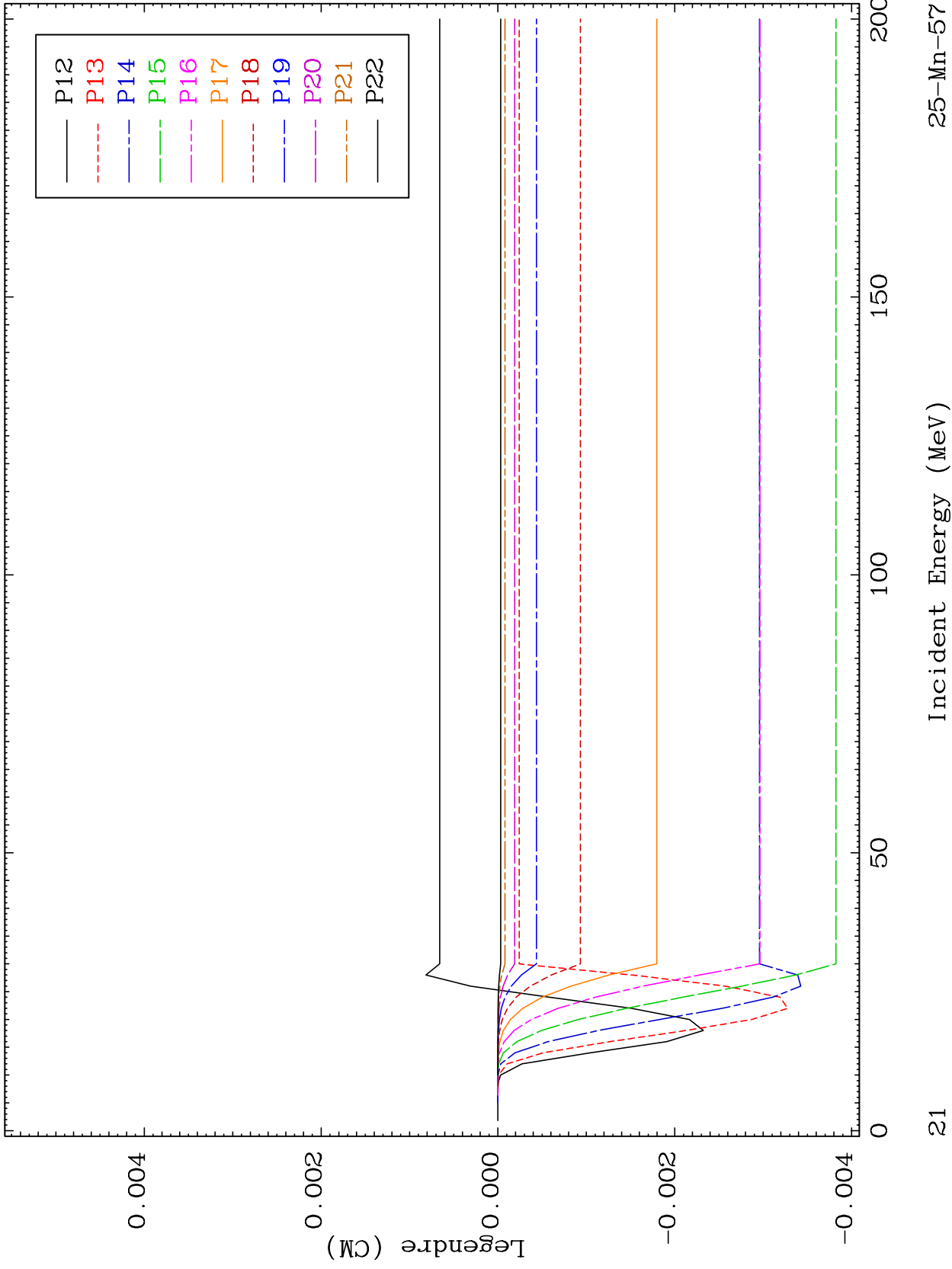


25-Mn-57

MAT 2531

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

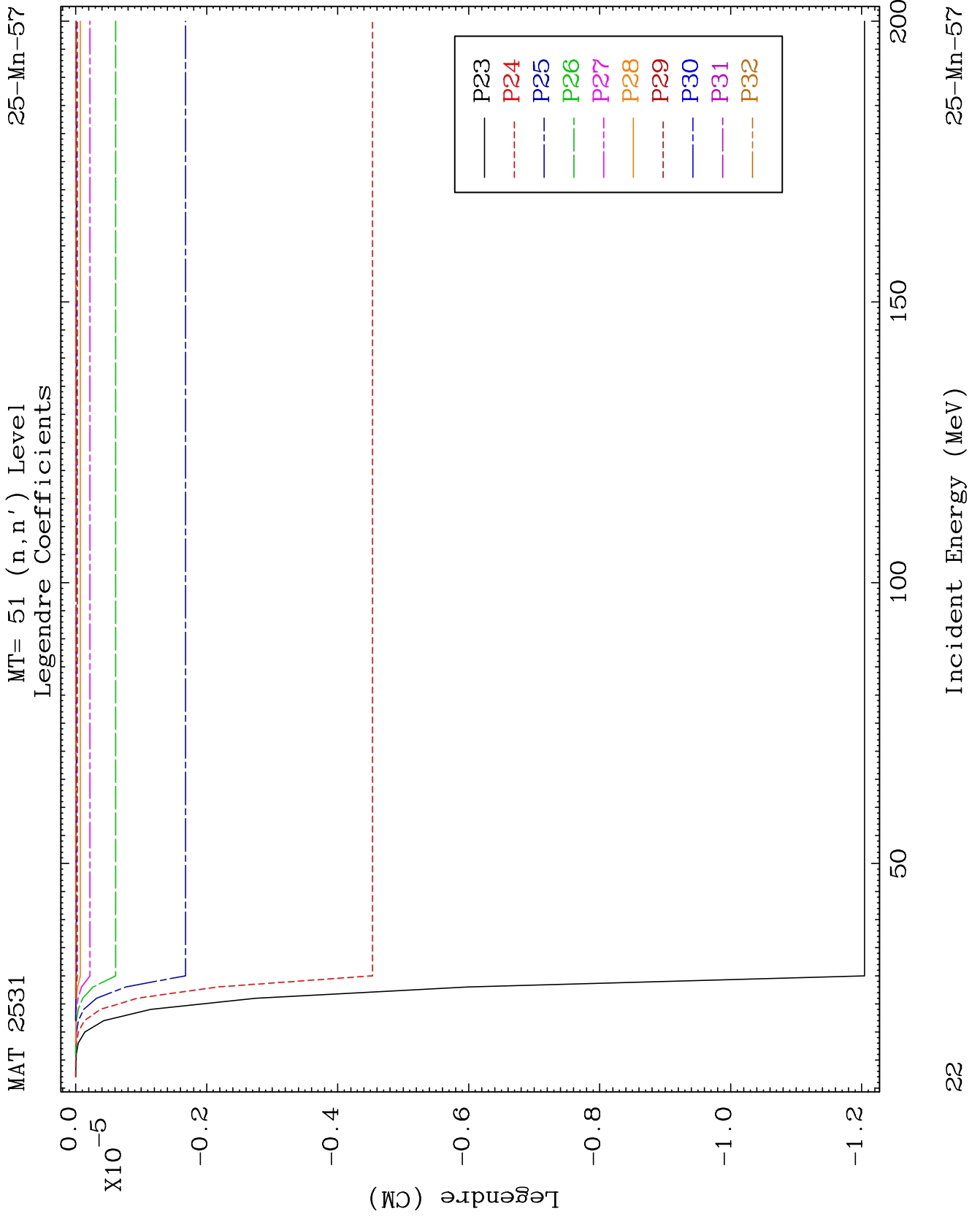
25-Mn-57

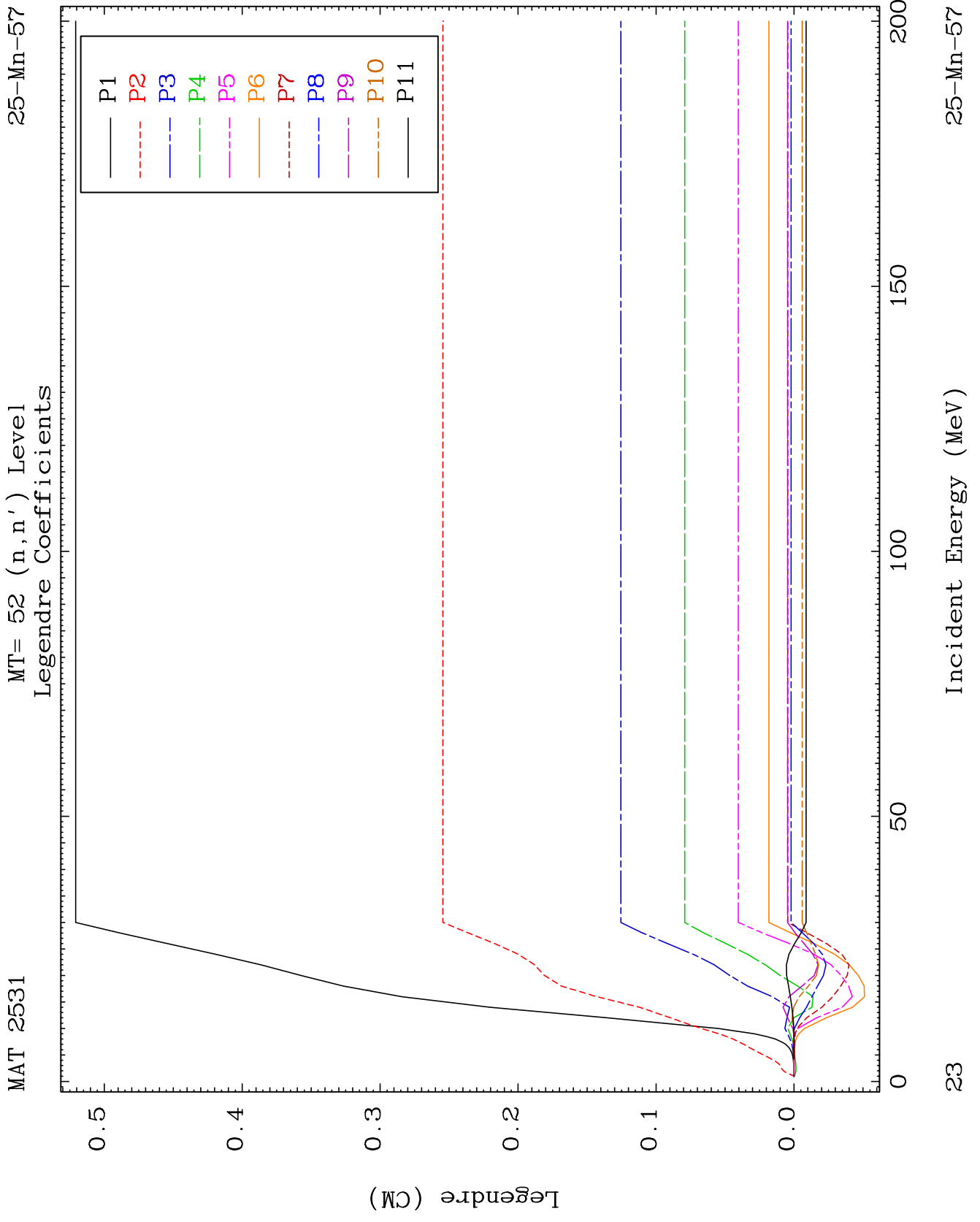


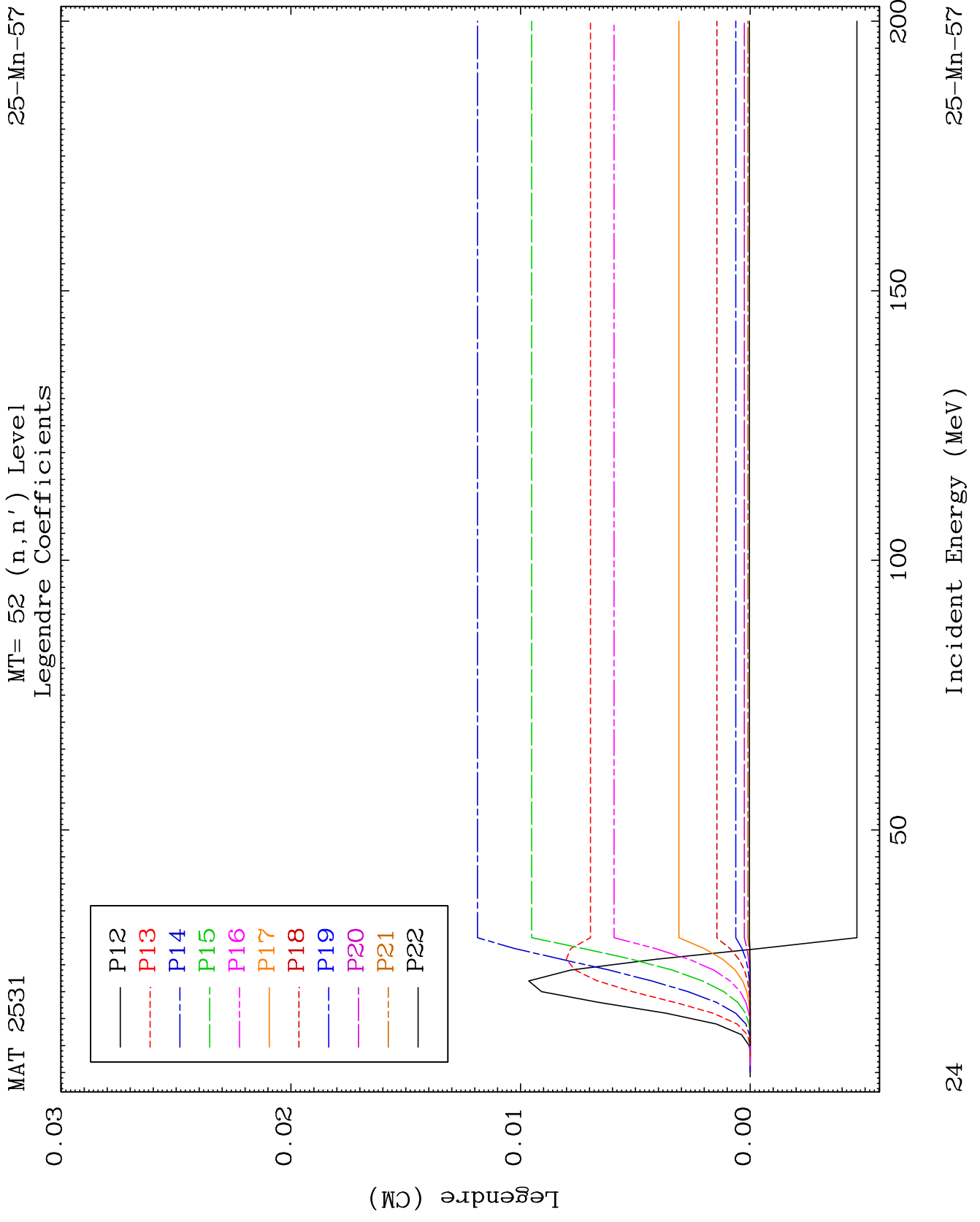
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Incident Energy (MeV)

25-Mn-57



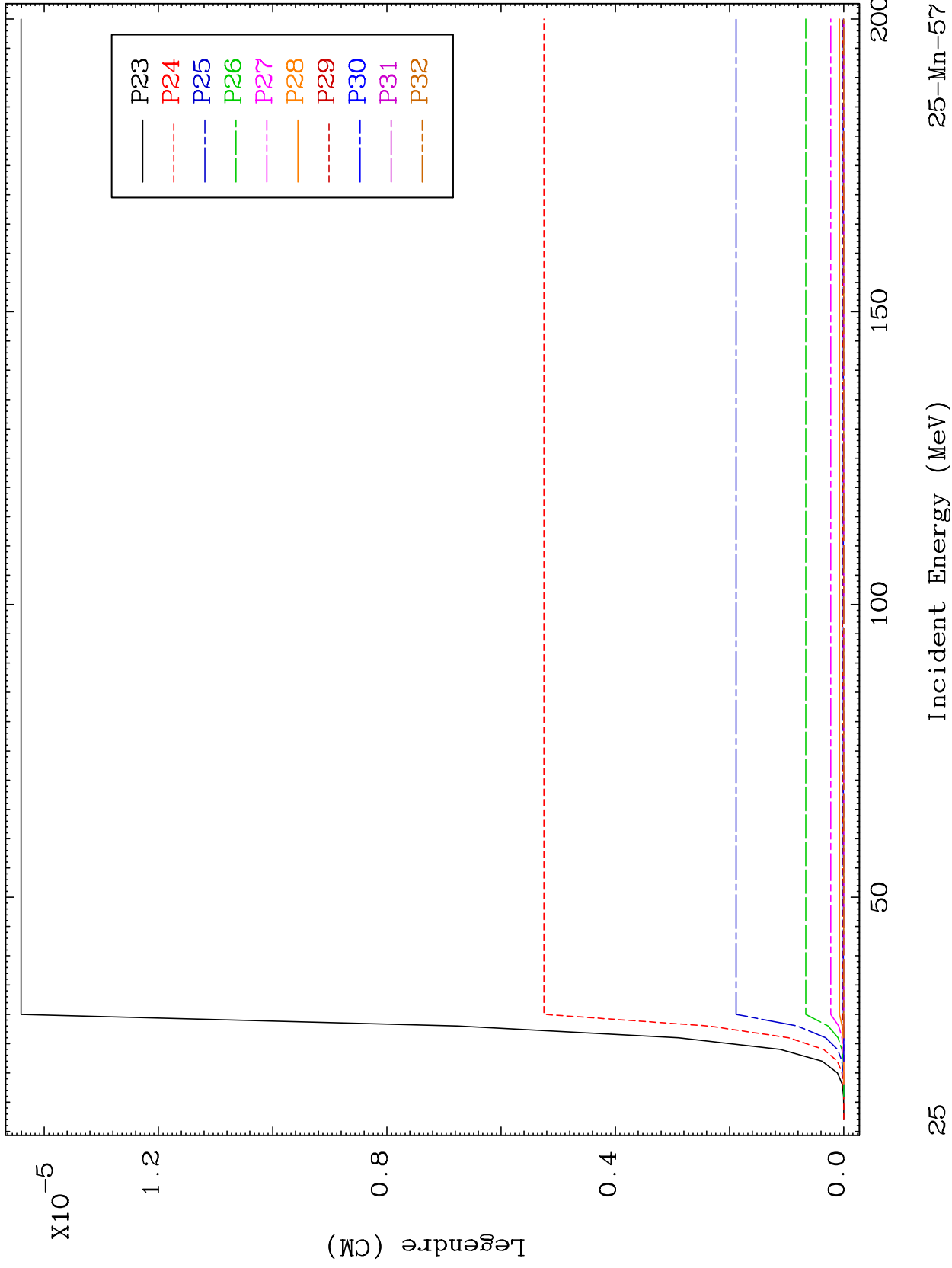




MAT 2531

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

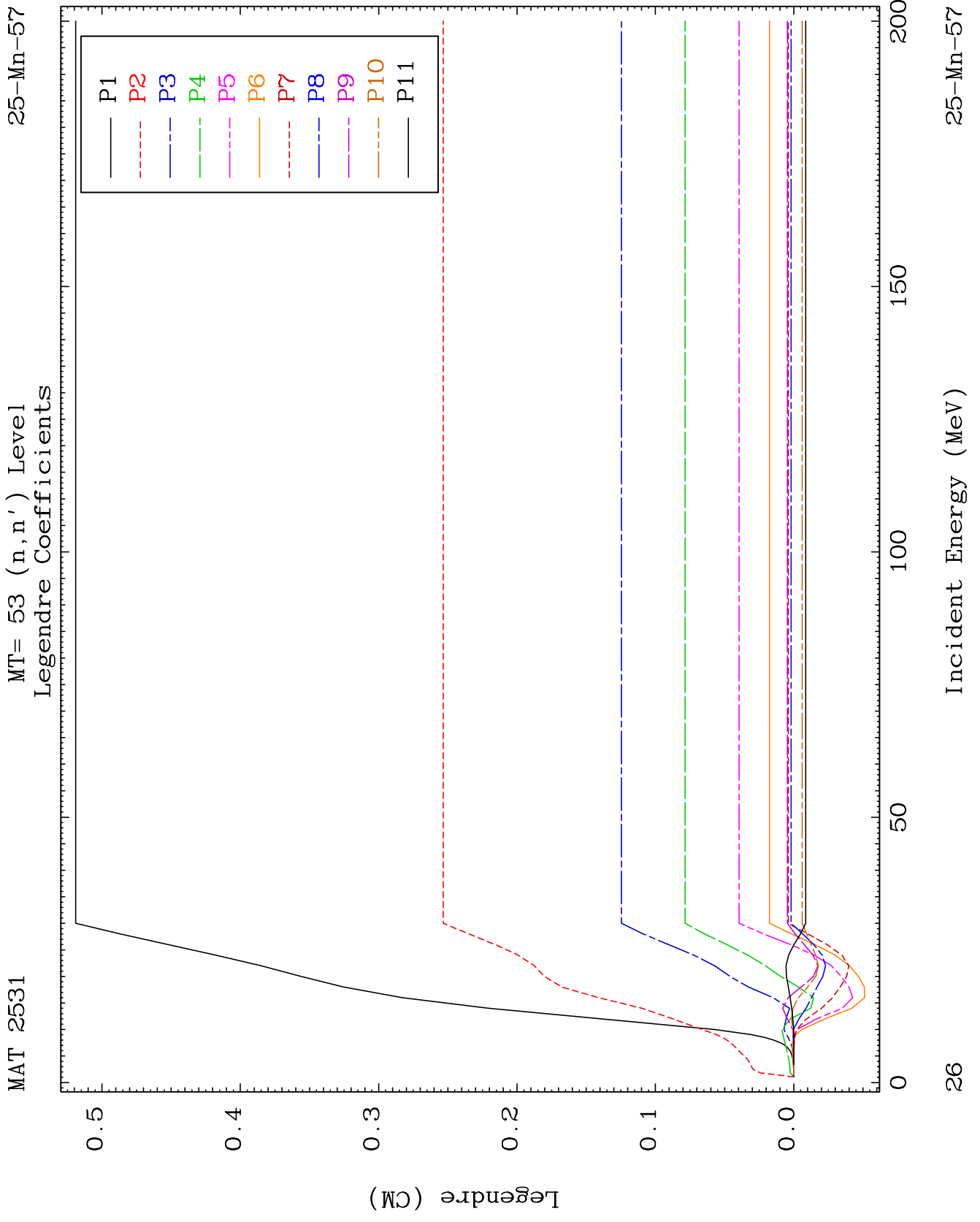
25-Mn-57

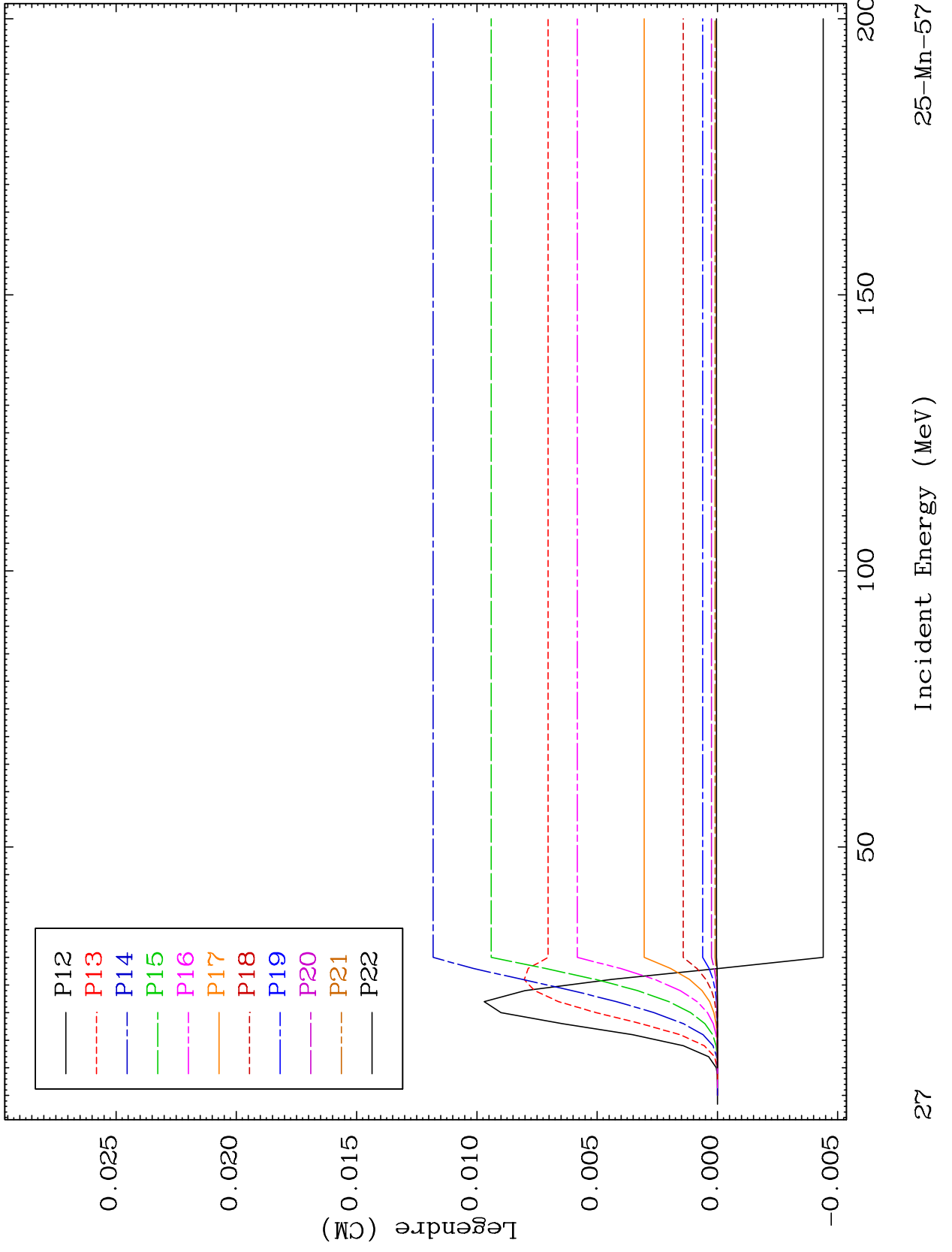


25

Incident Energy (MeV)

25-Mn-57

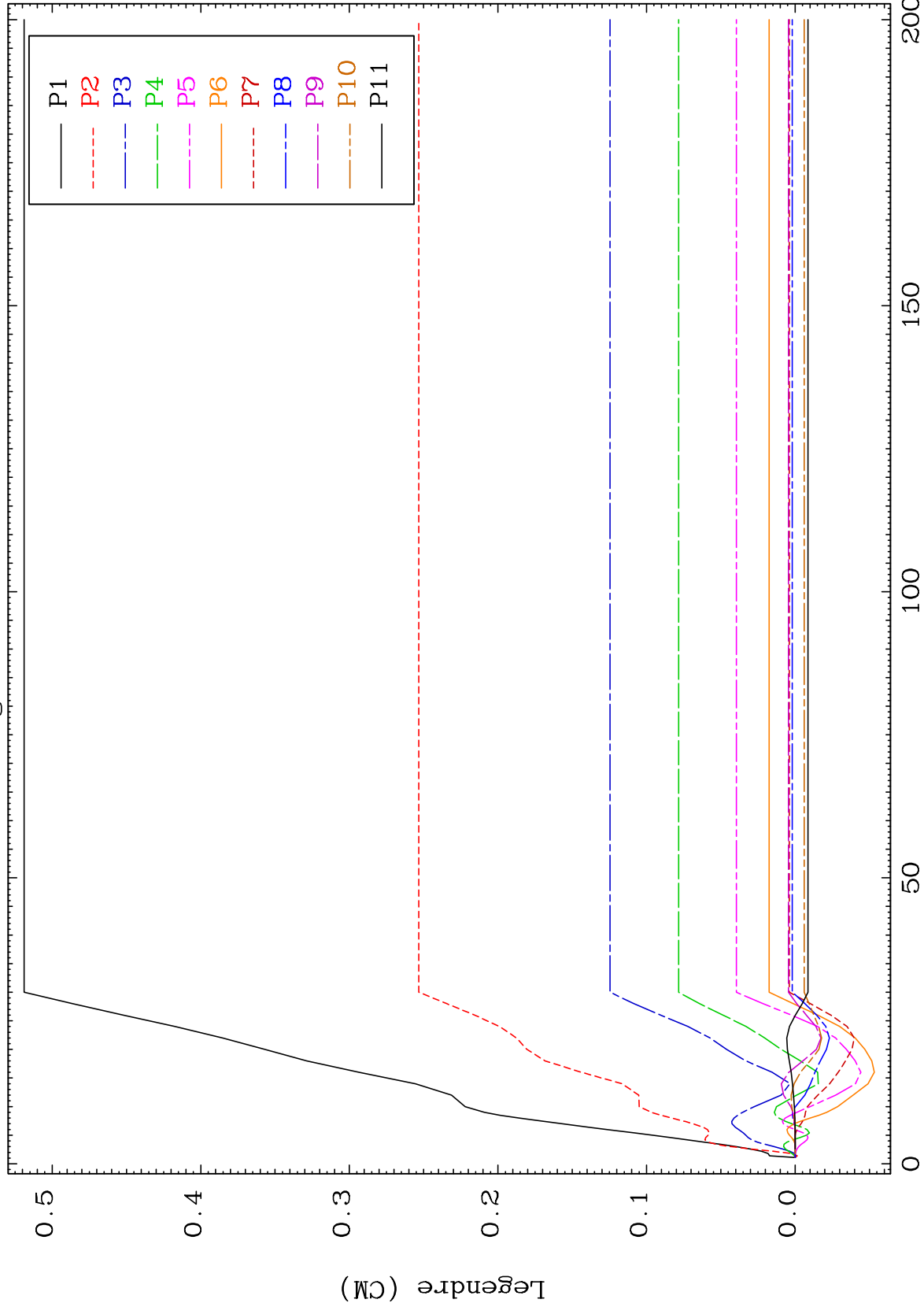




MAT 2531

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

25-Mn-57



29

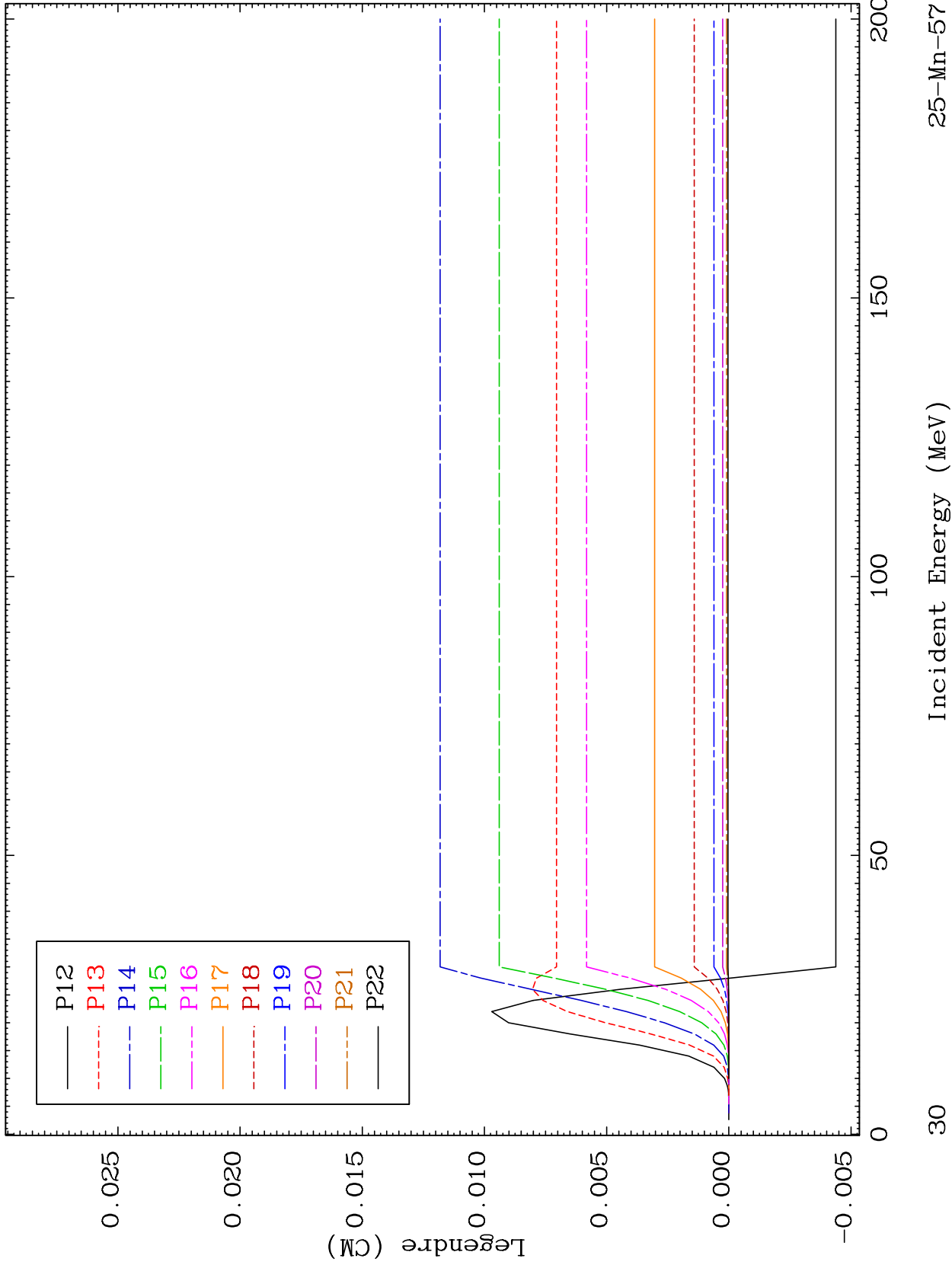
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



25-Mn-57

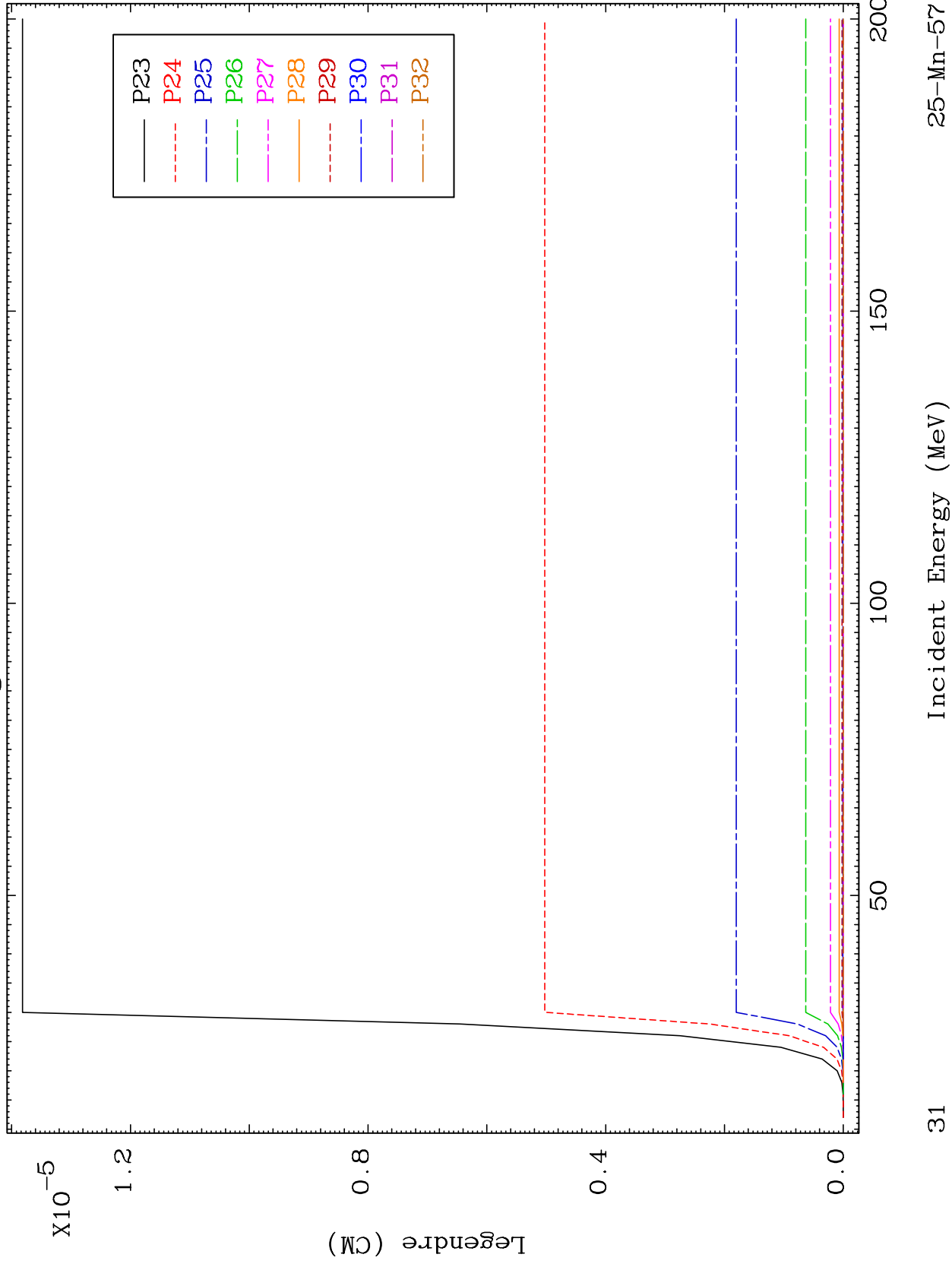
Incident Energy (MeV)

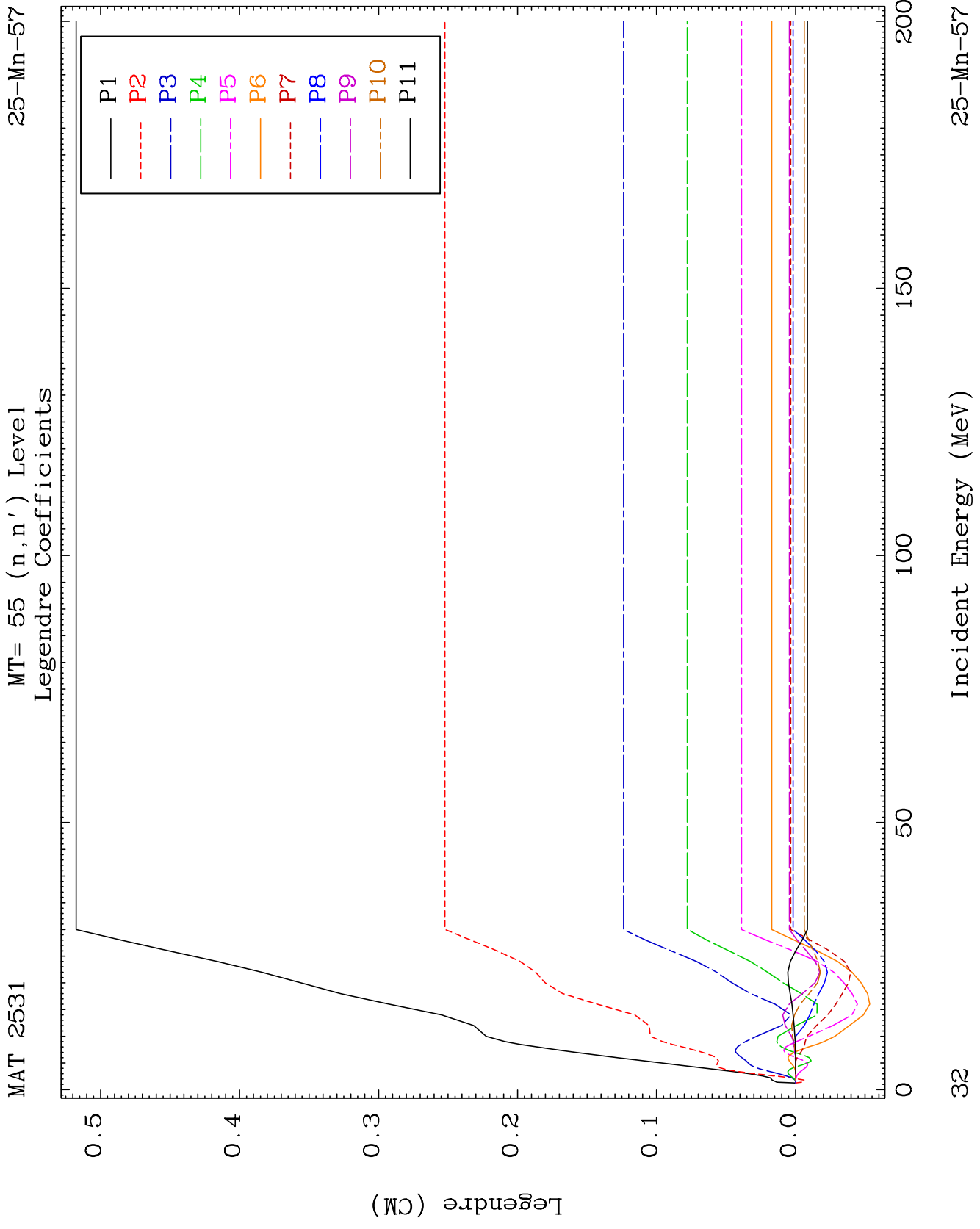
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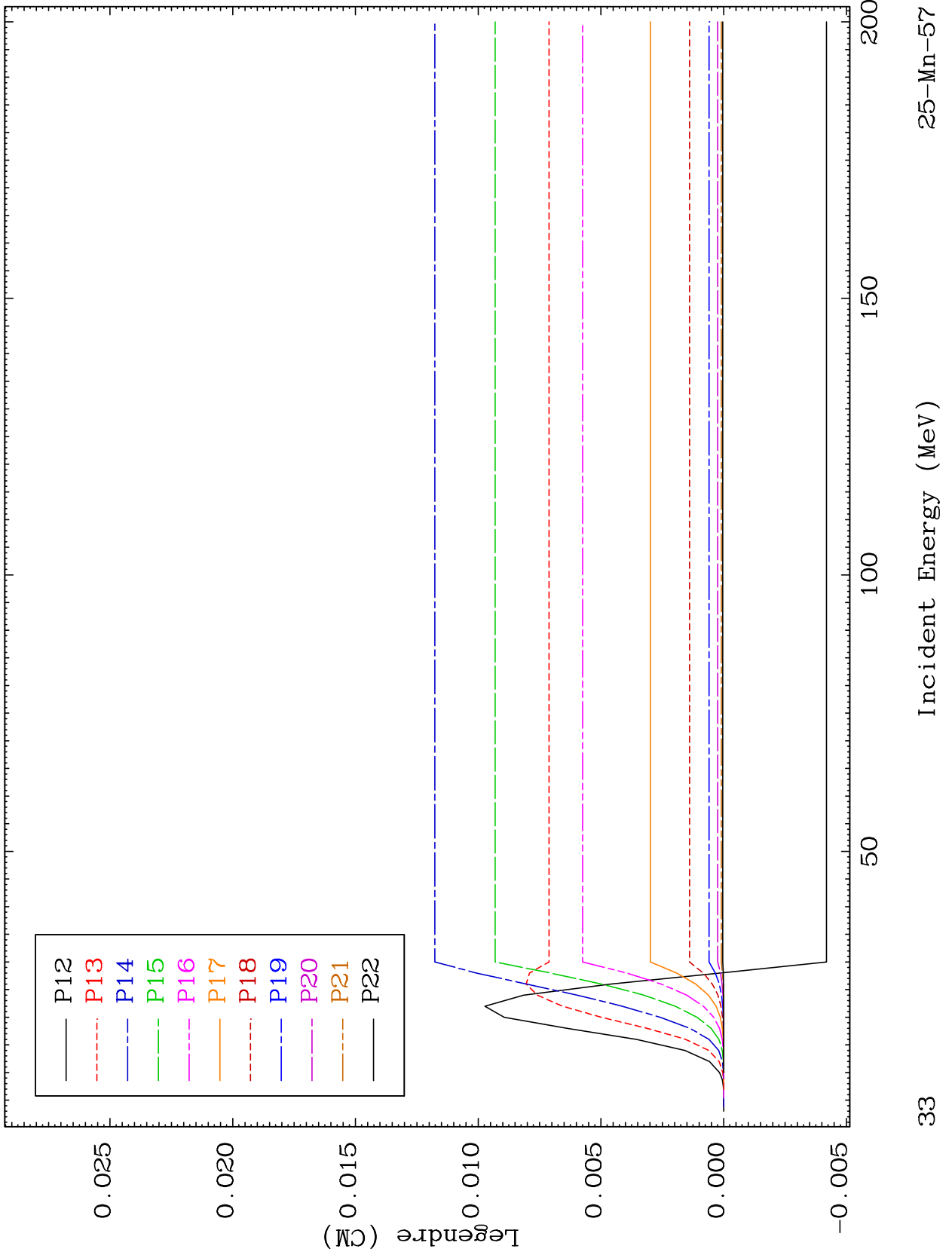
MAT 2531

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

25-Mn-57



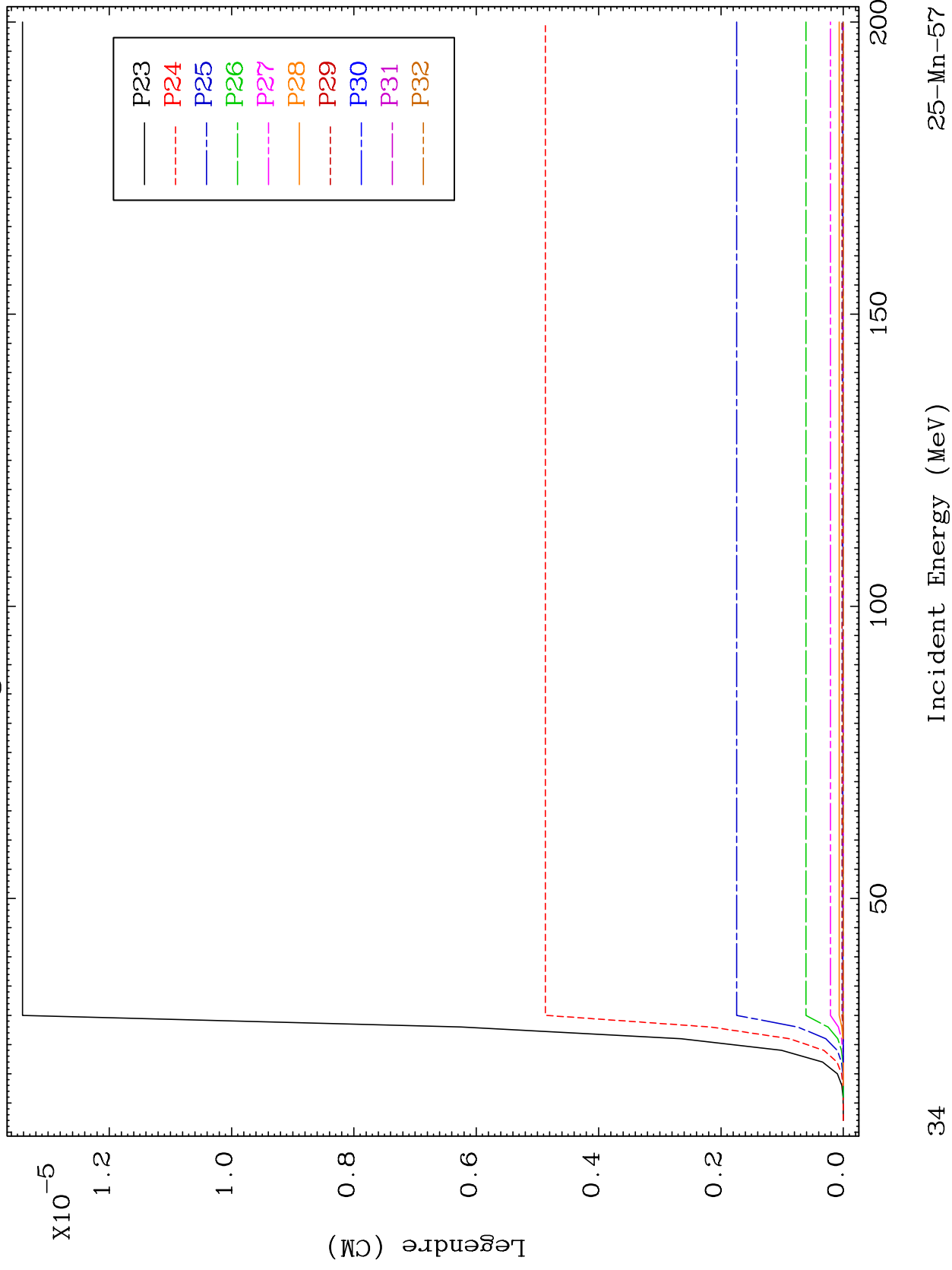


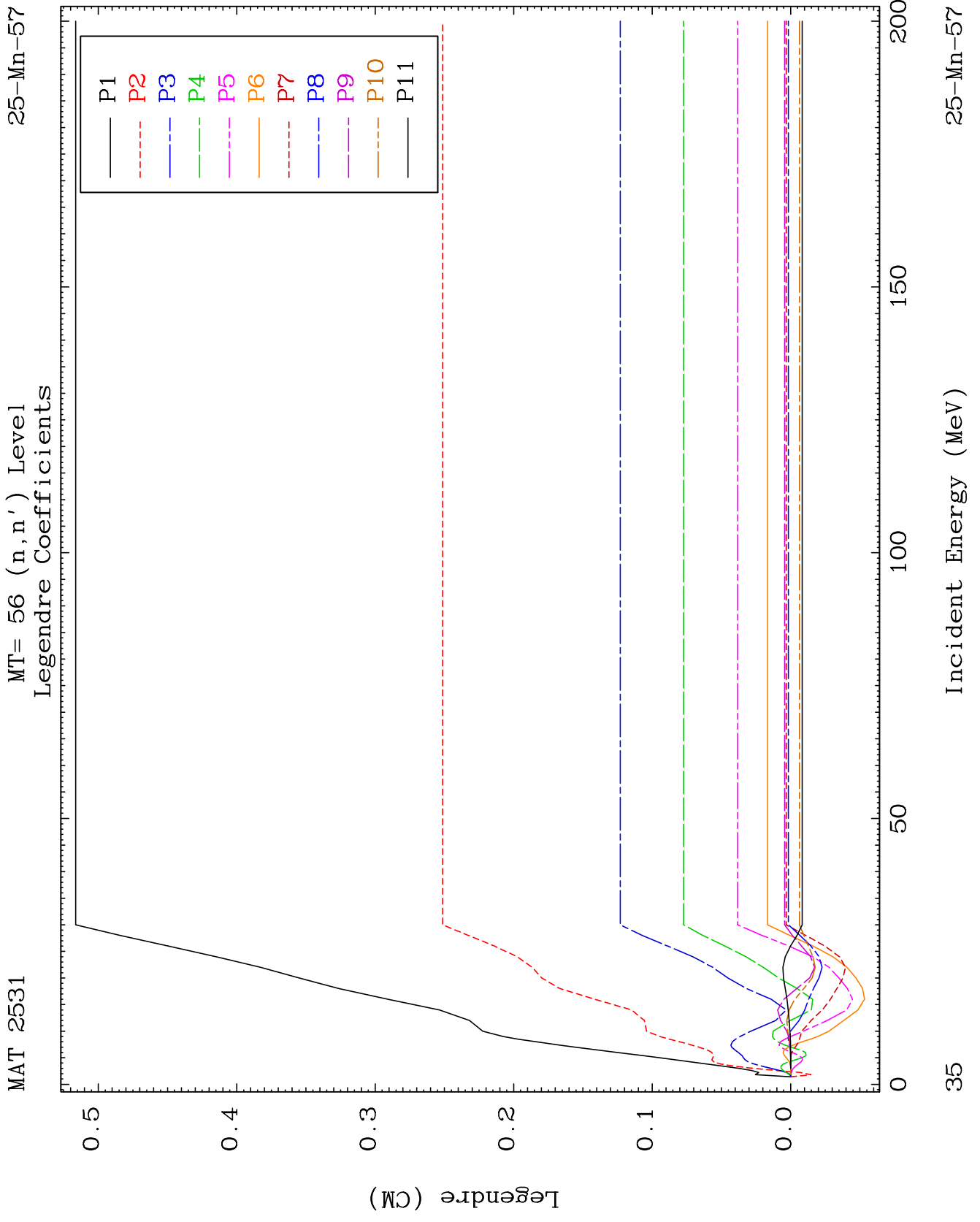


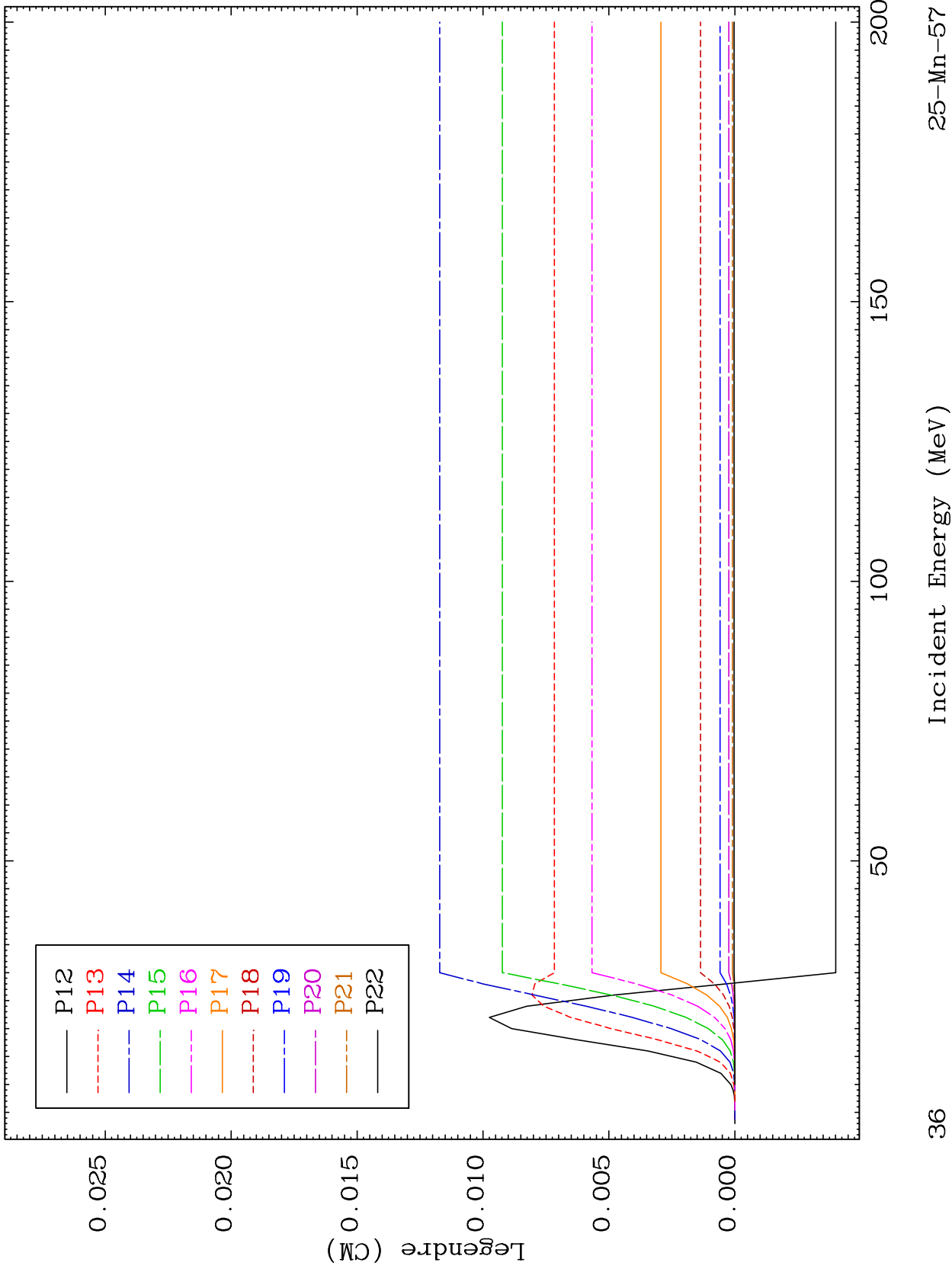
MAT 2531

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

25-Mn-57



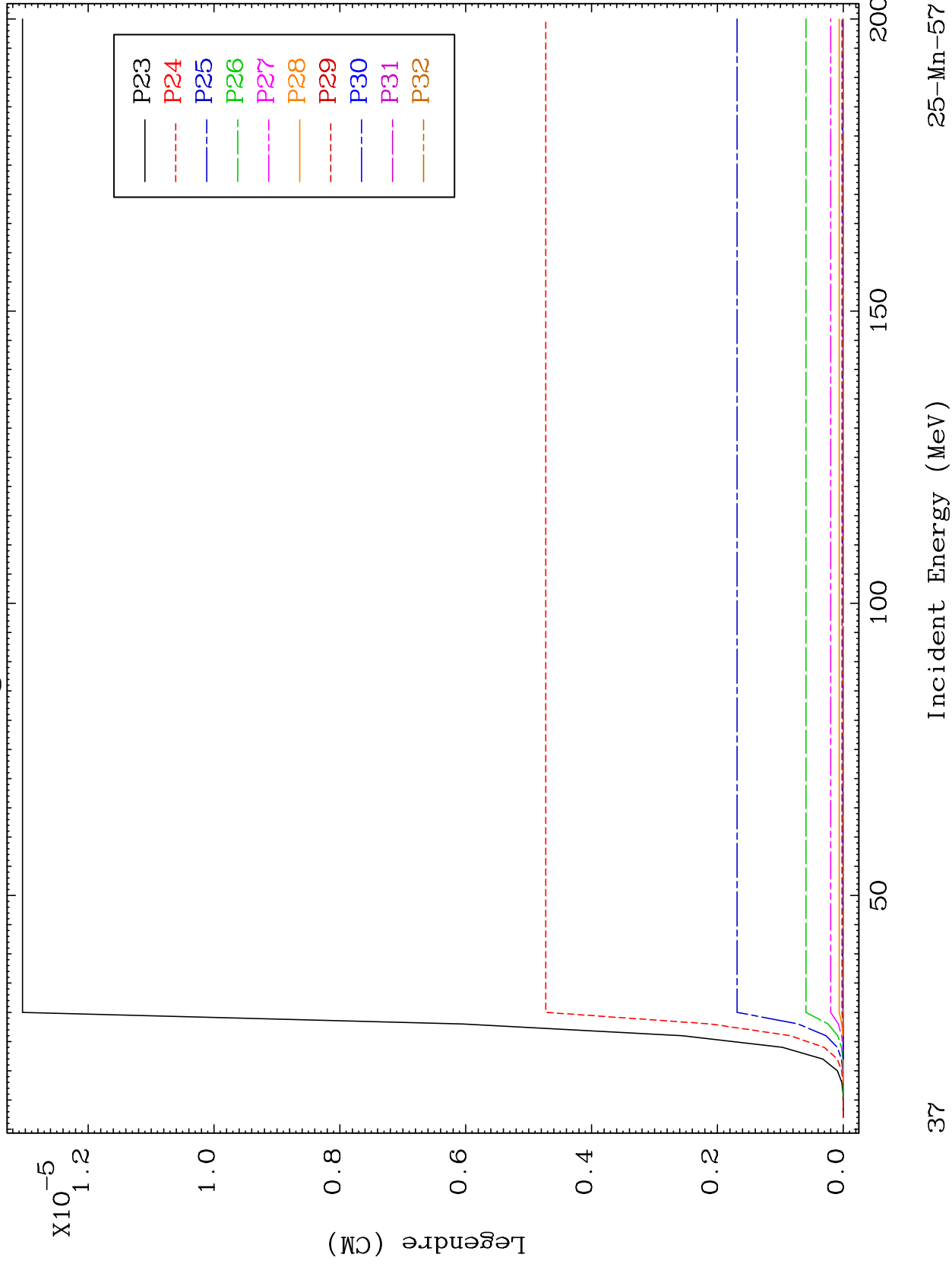


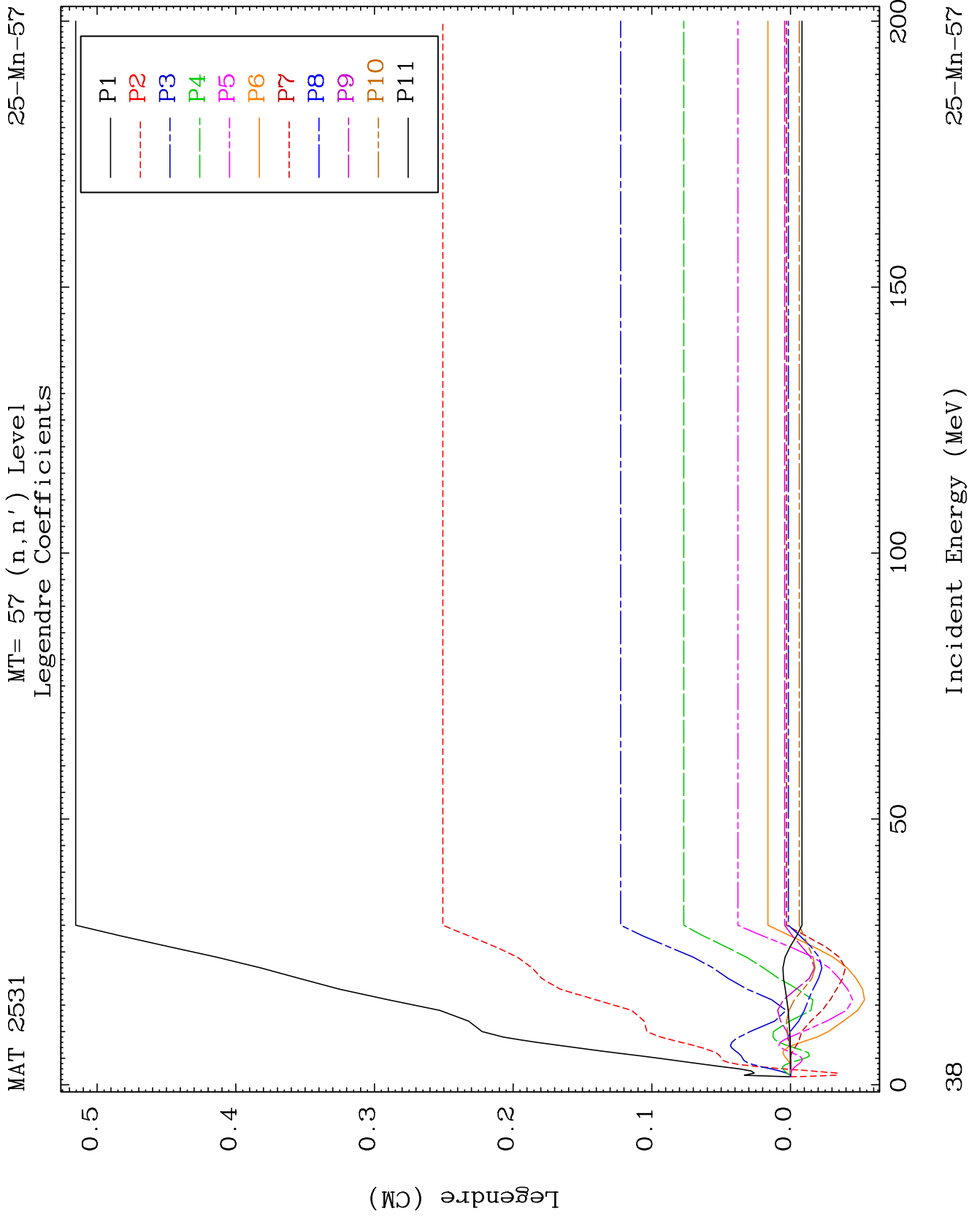


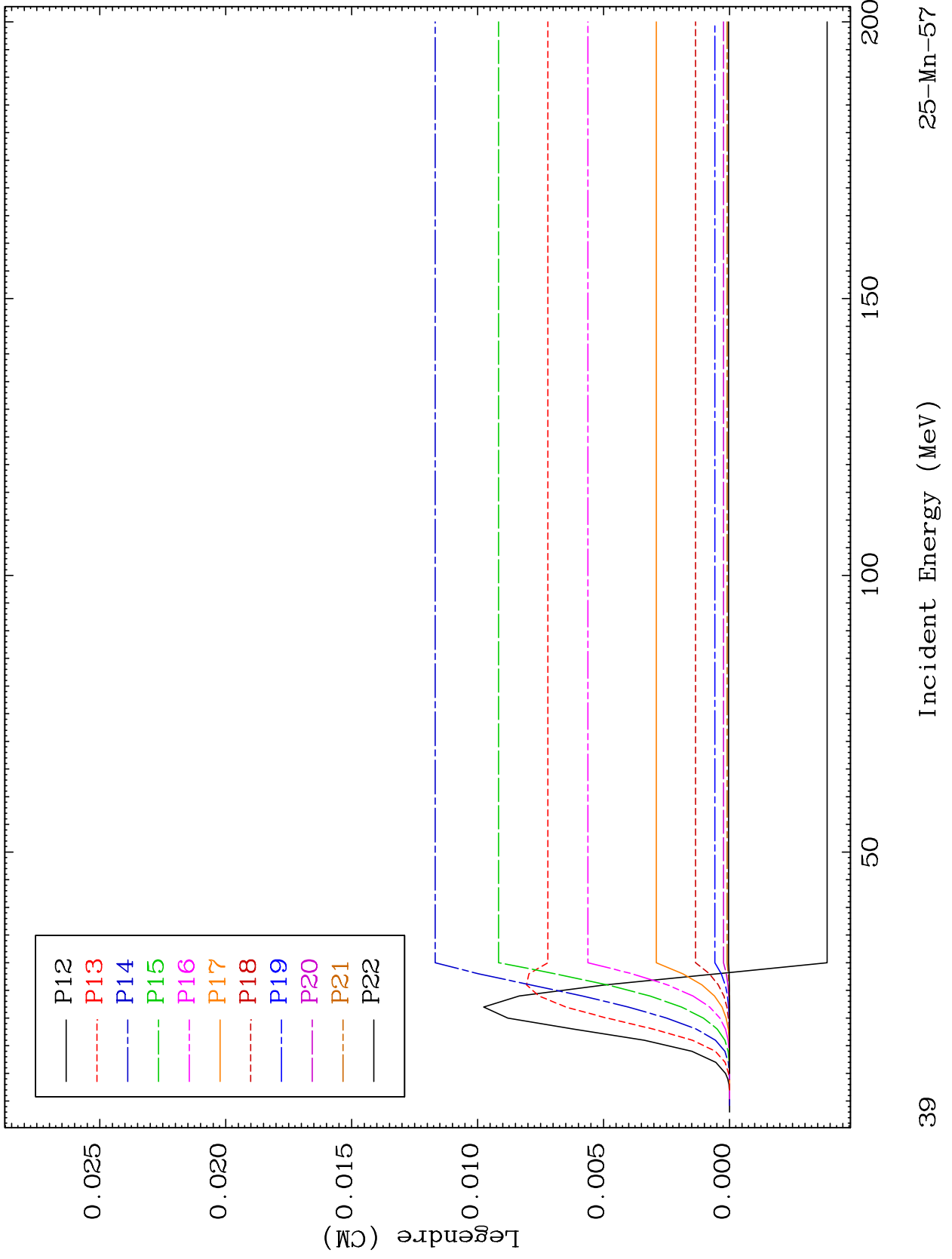
MAT 2531

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

25-Mn-57



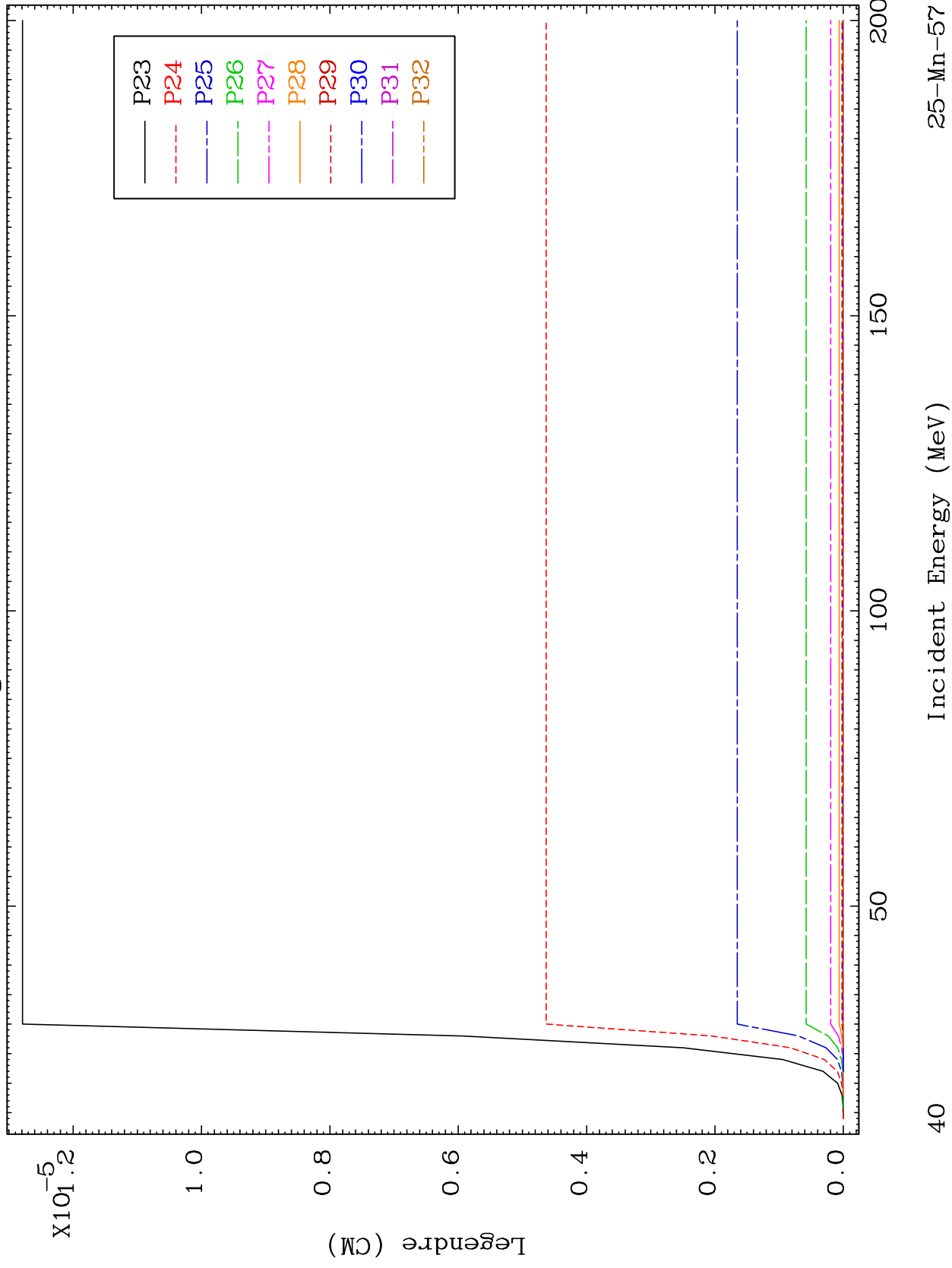




MAT 2531

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

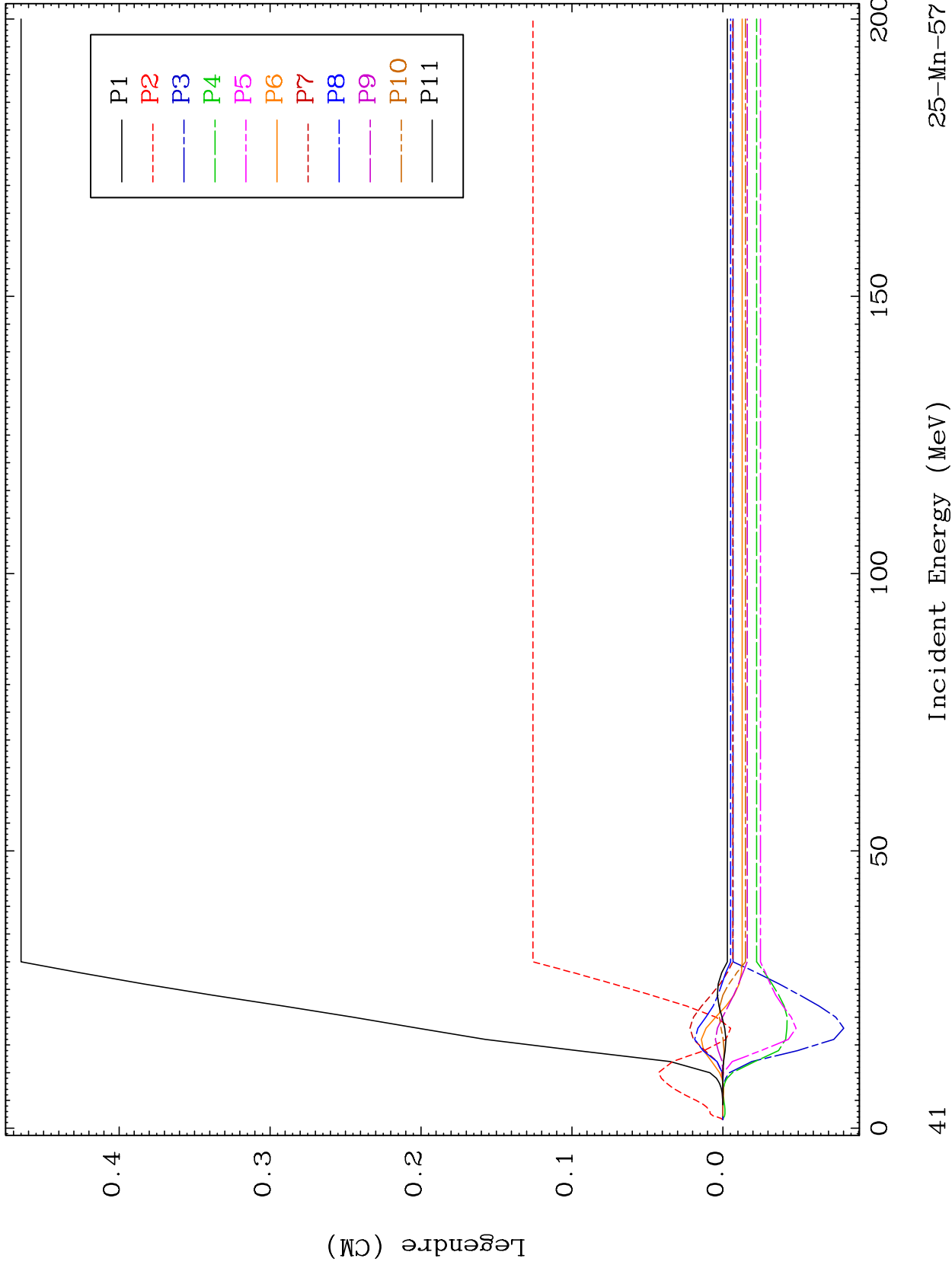
25-Mn-57



MAT 2531

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

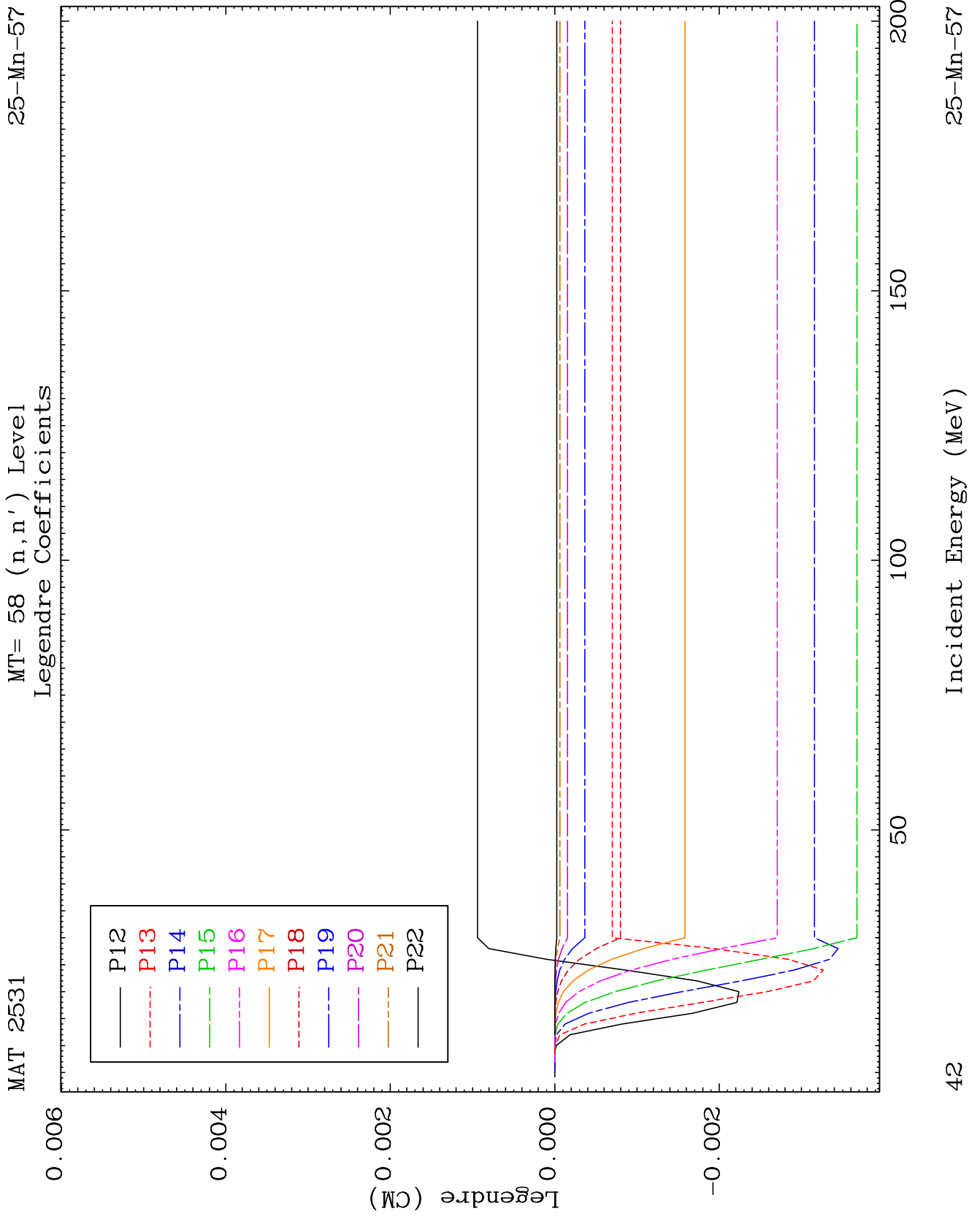
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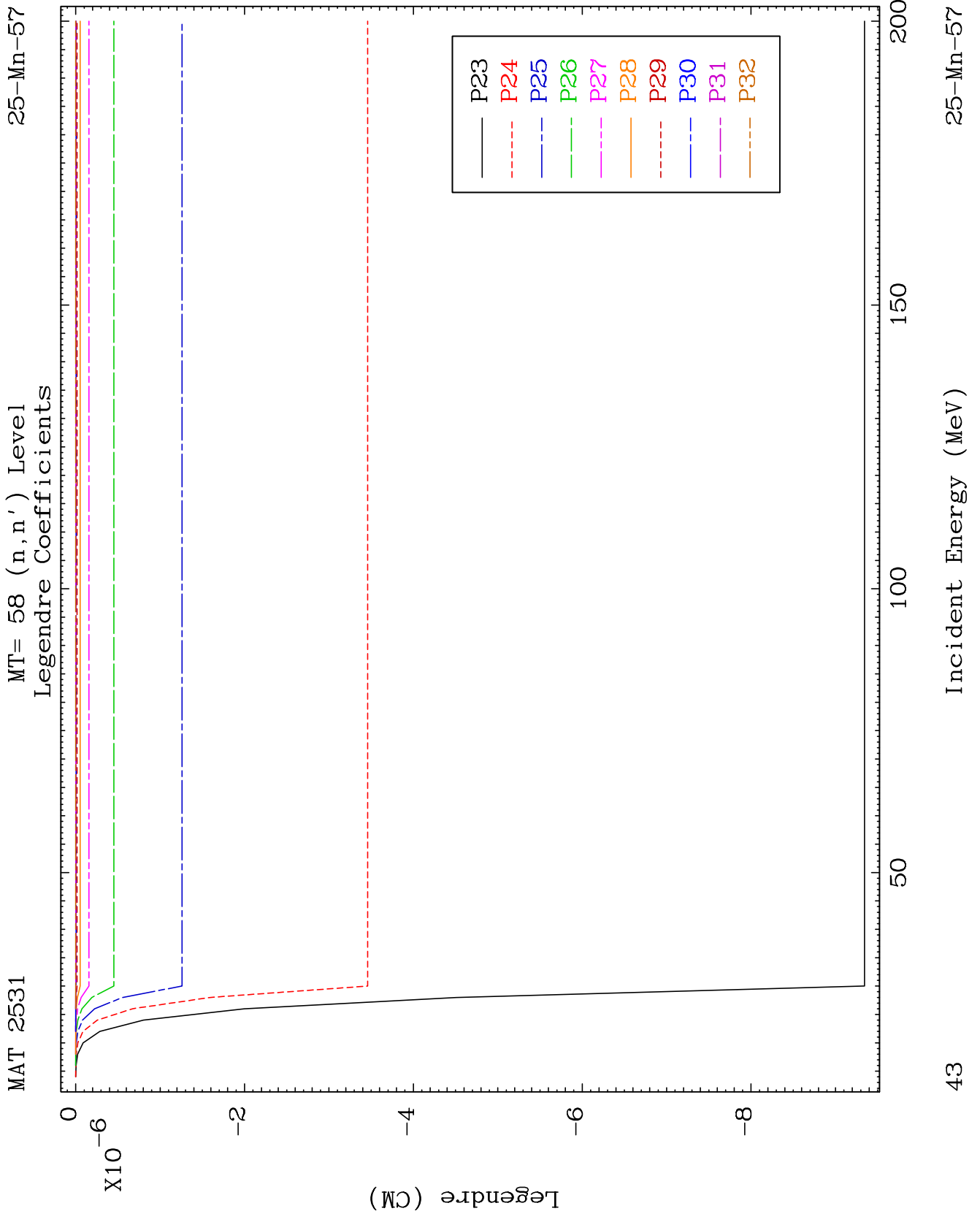


41

Incident Energy (MeV)

25-Mn-57

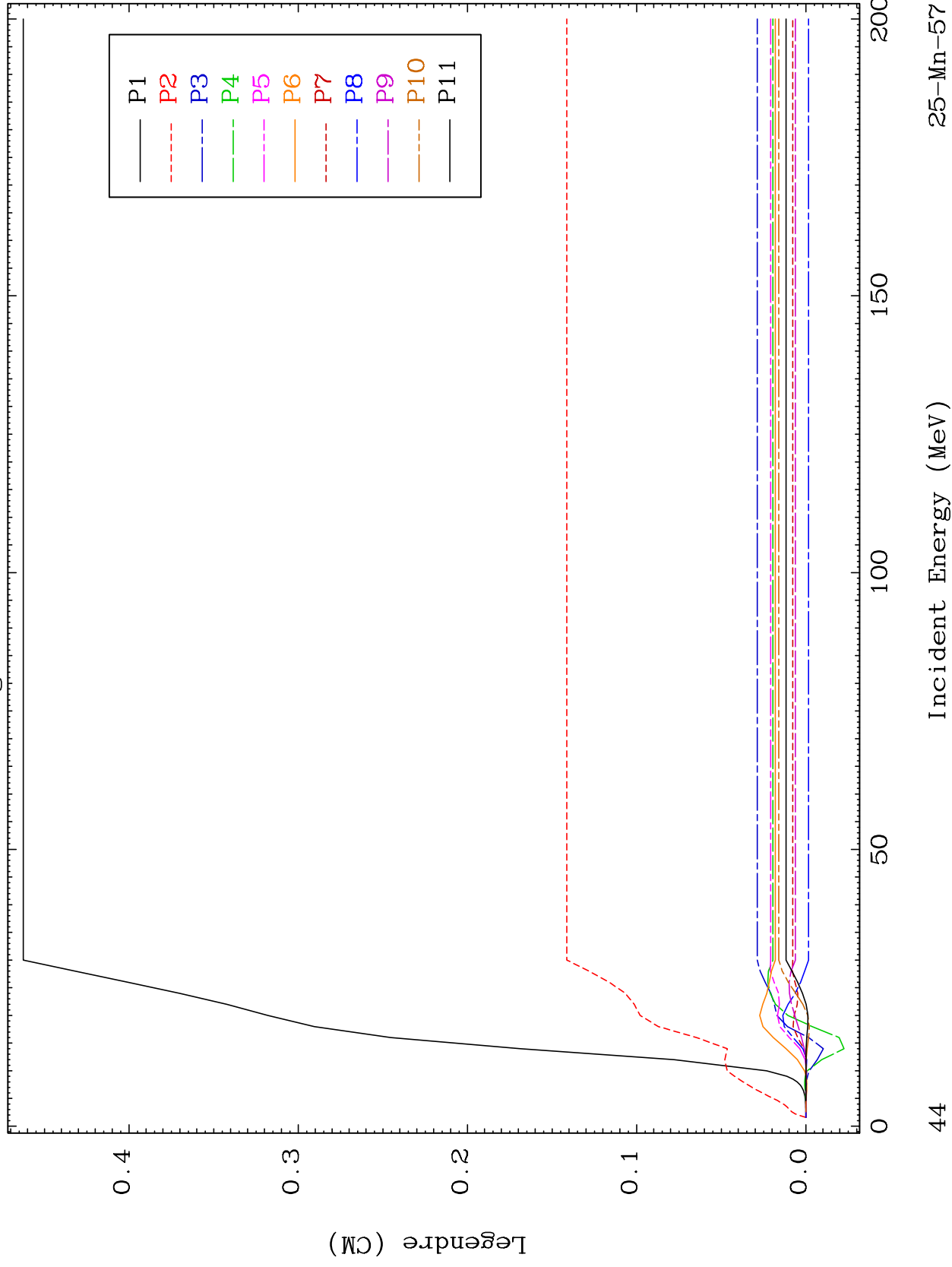




MAT 2531

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

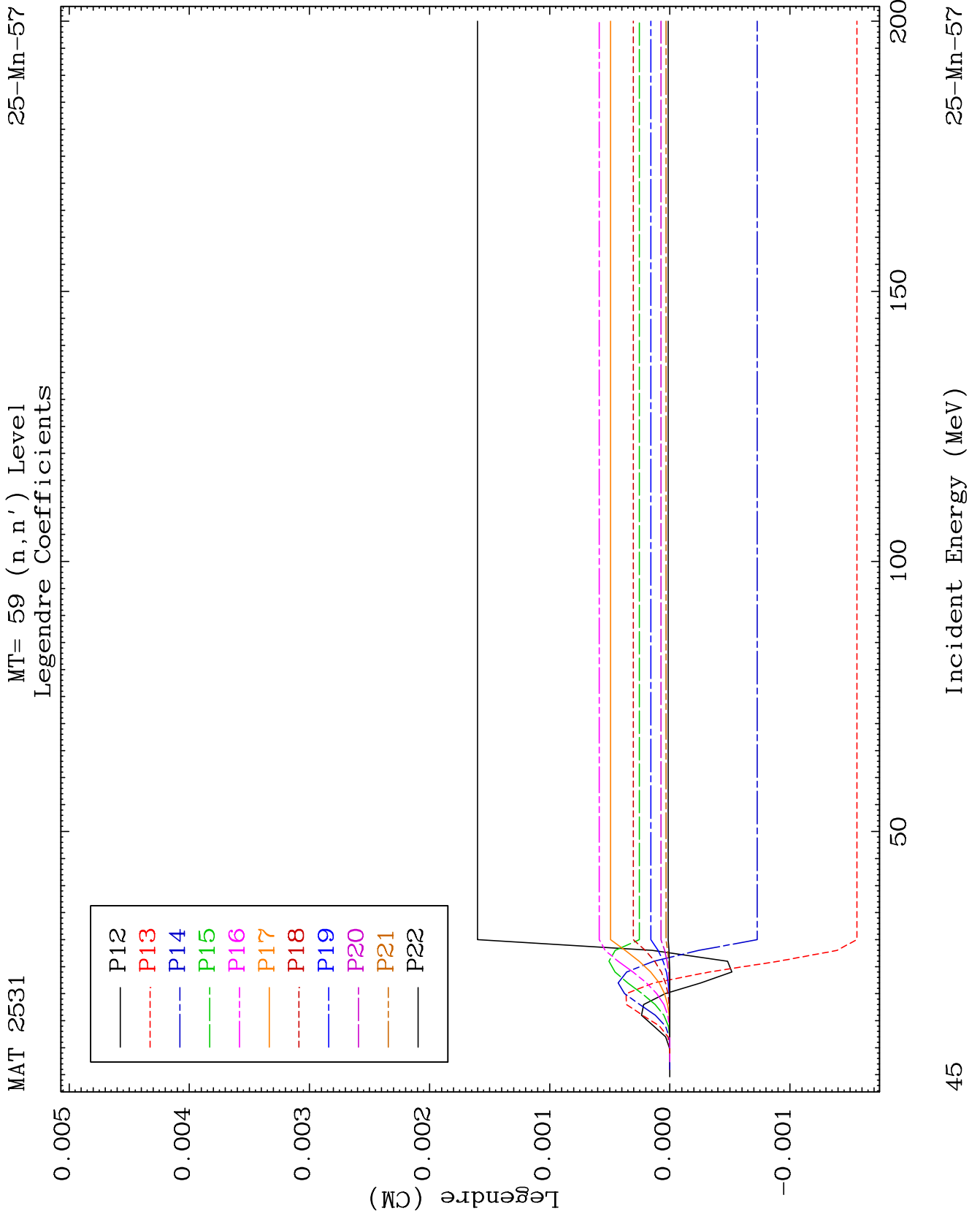
25-Mn-57



44

Incident Energy (MeV)

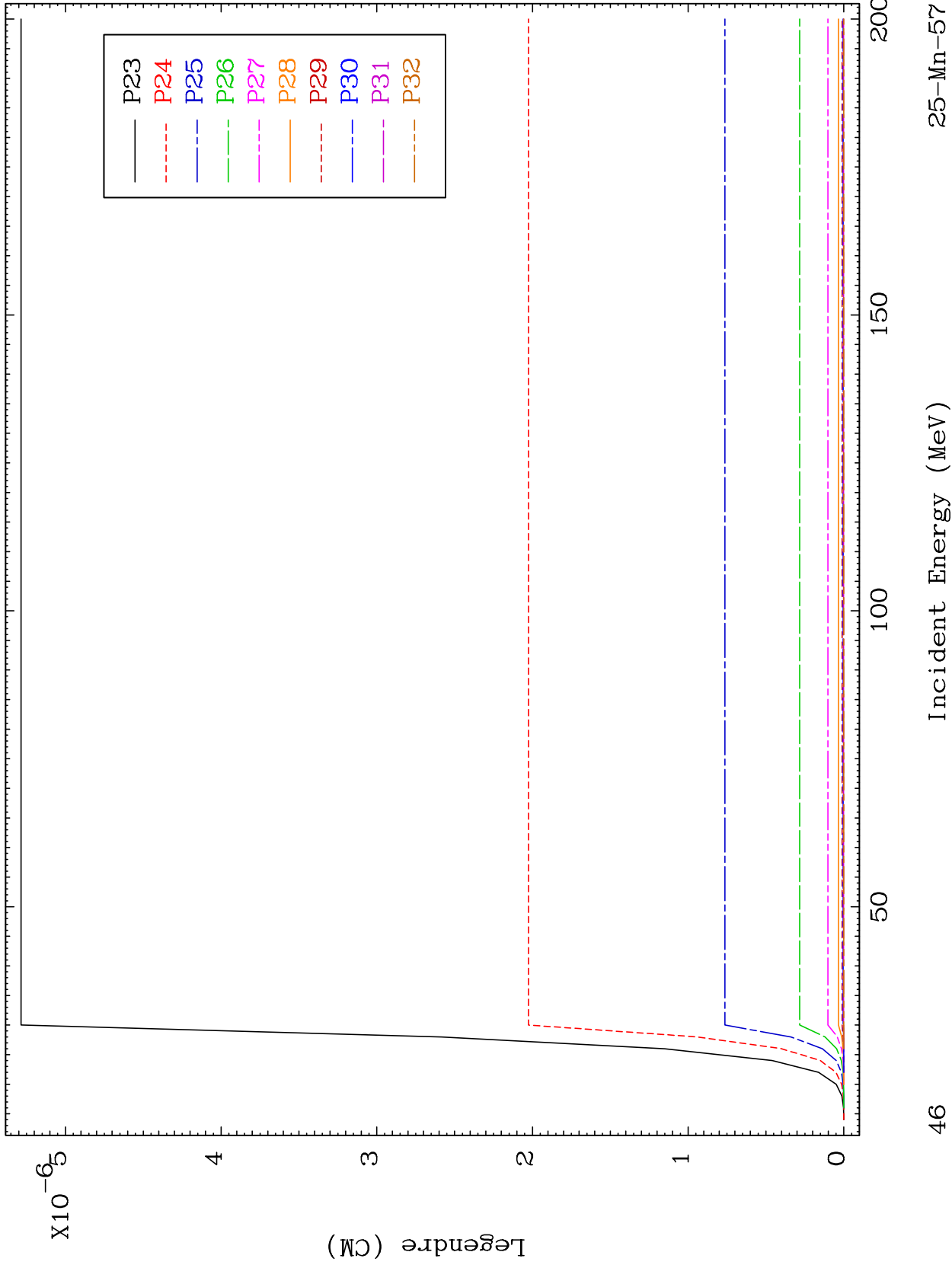
25-Mn-57



MAT 2531

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

25-Mn-57



46

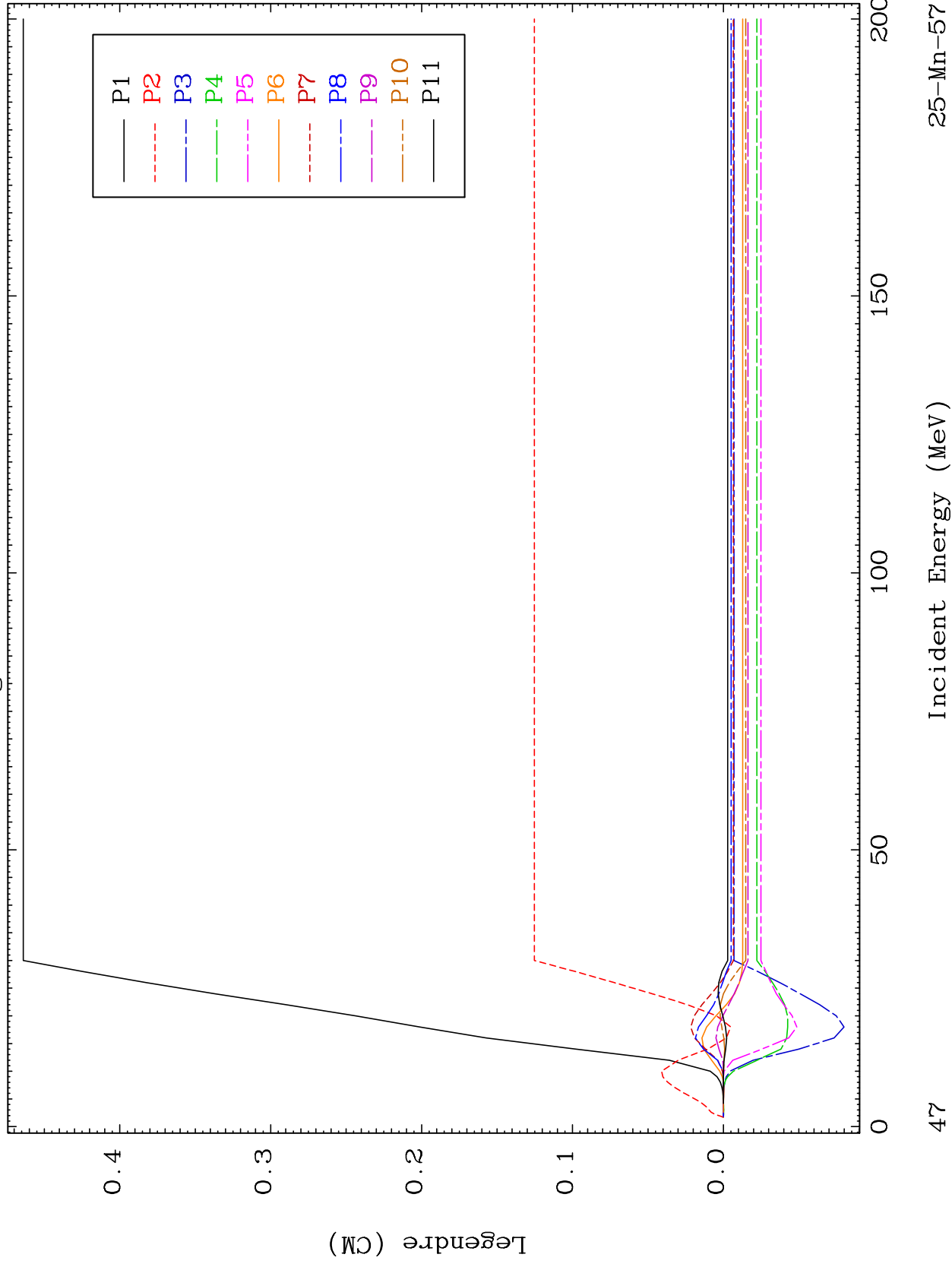
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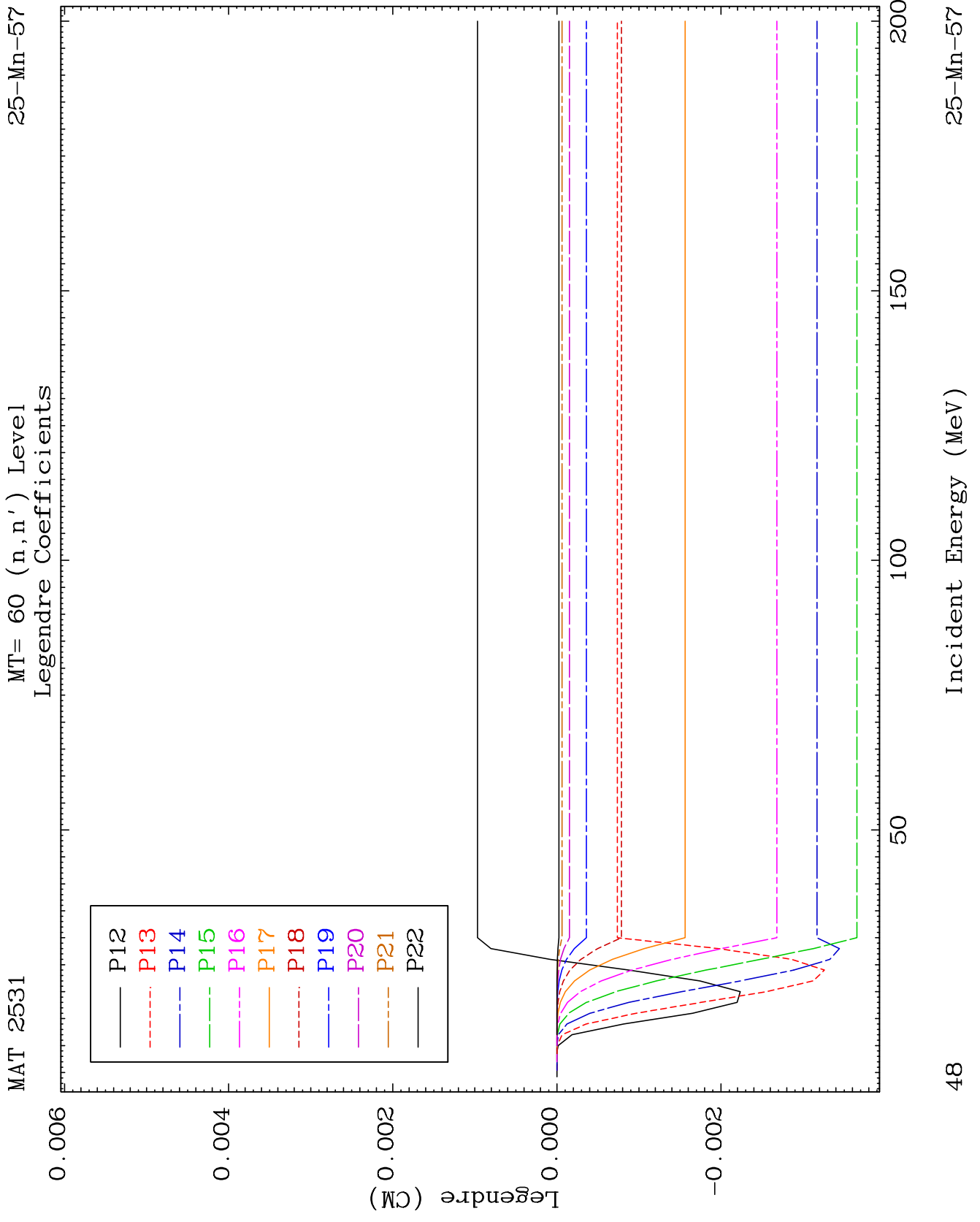
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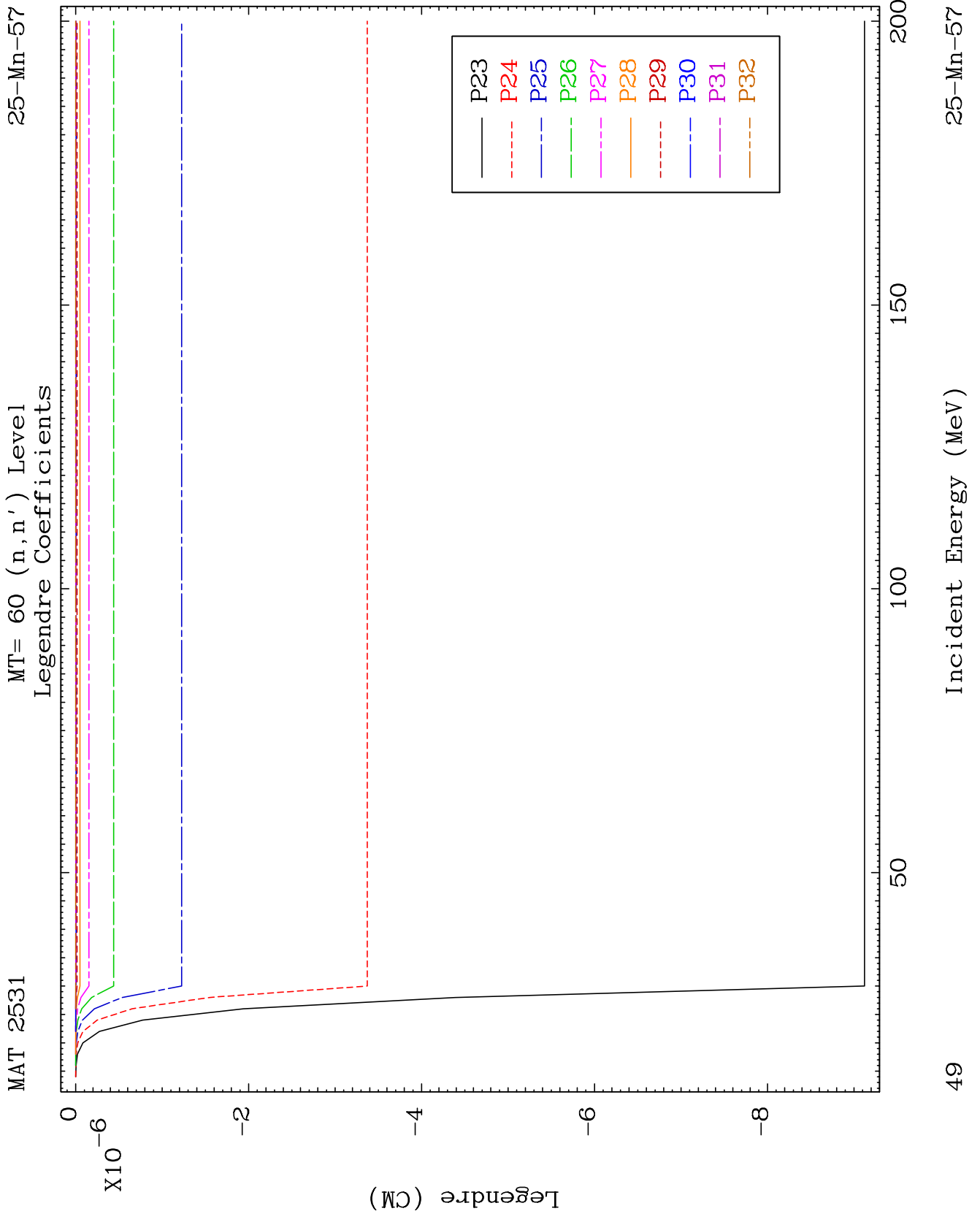
MAT 2531

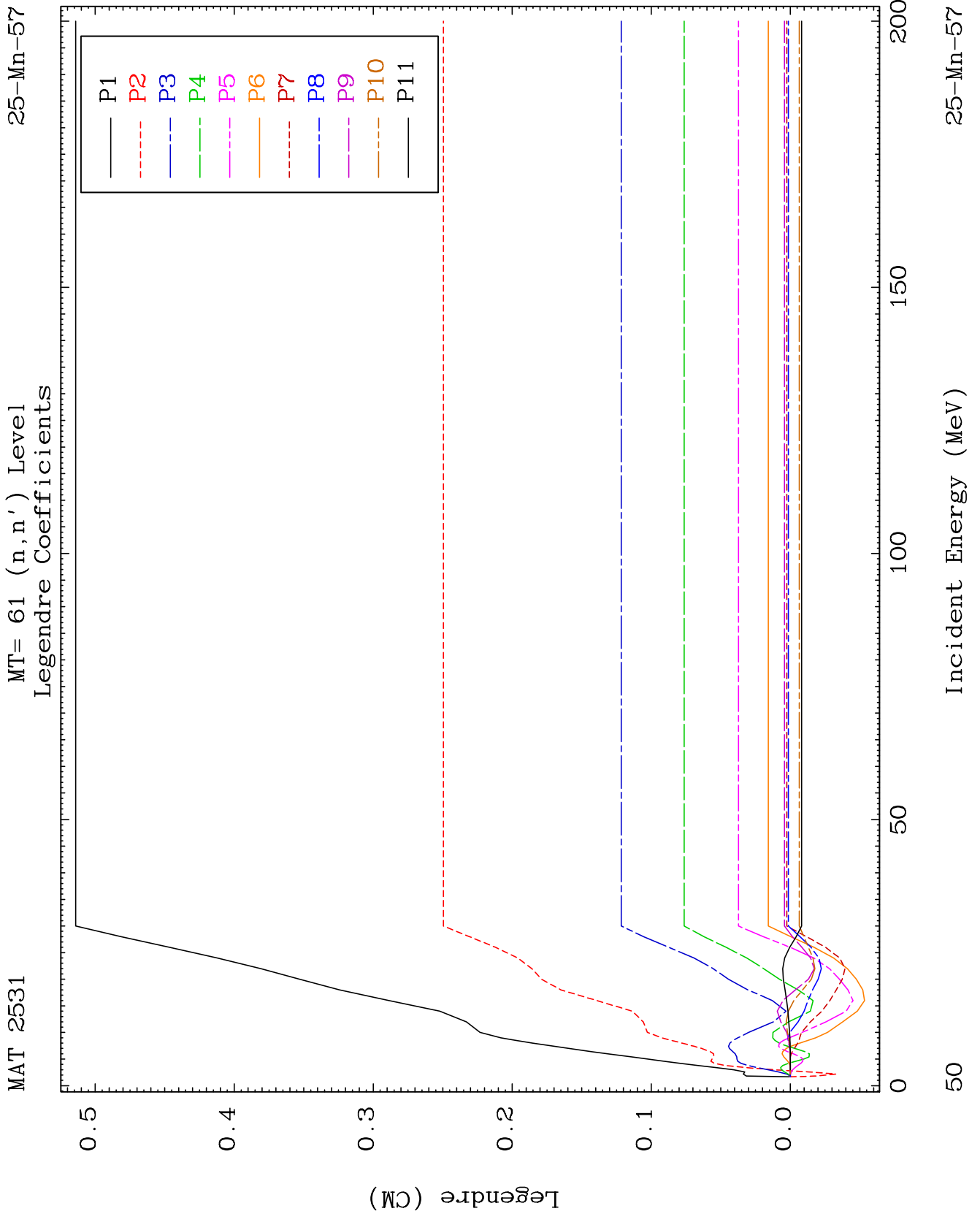
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Legendre Coefficients

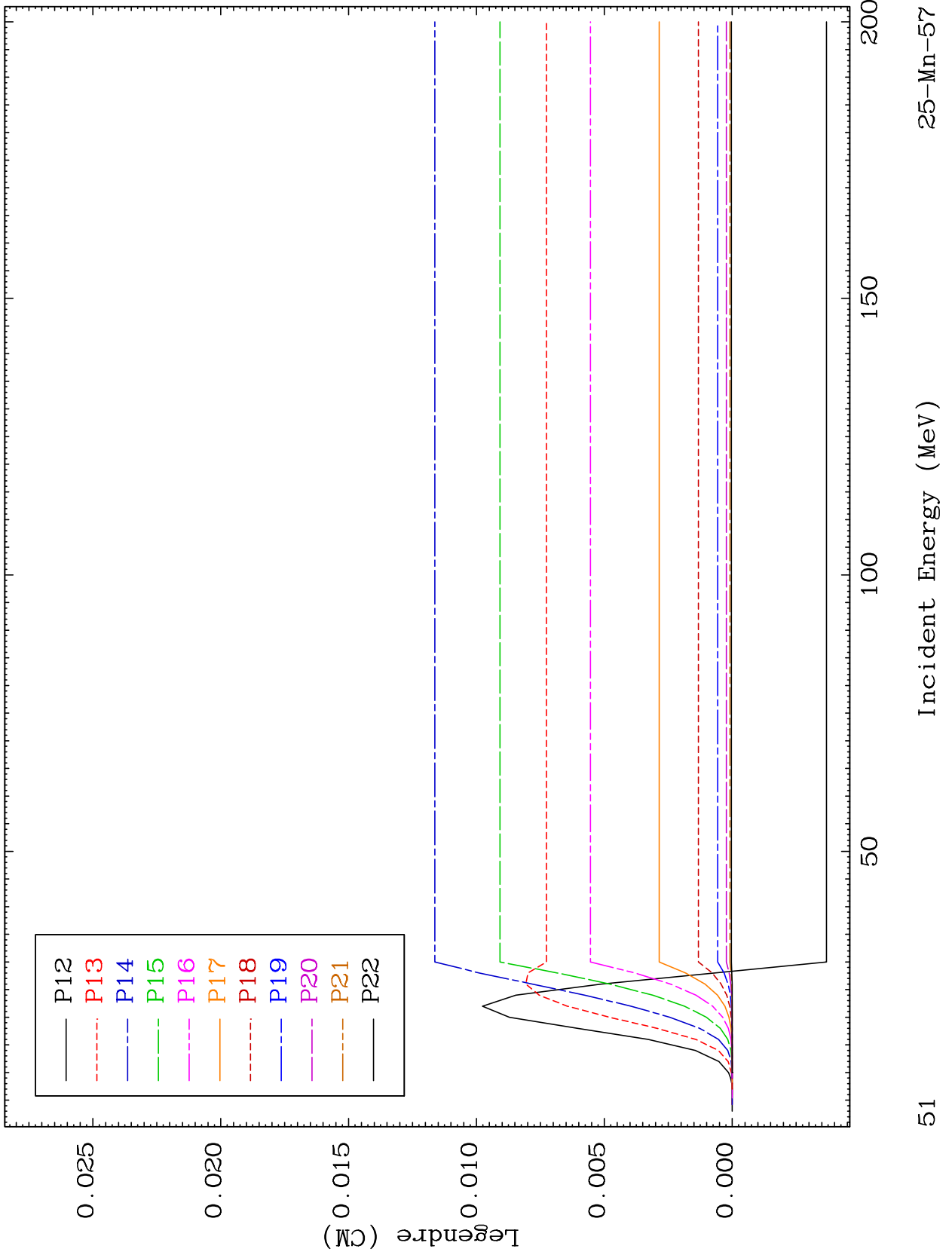
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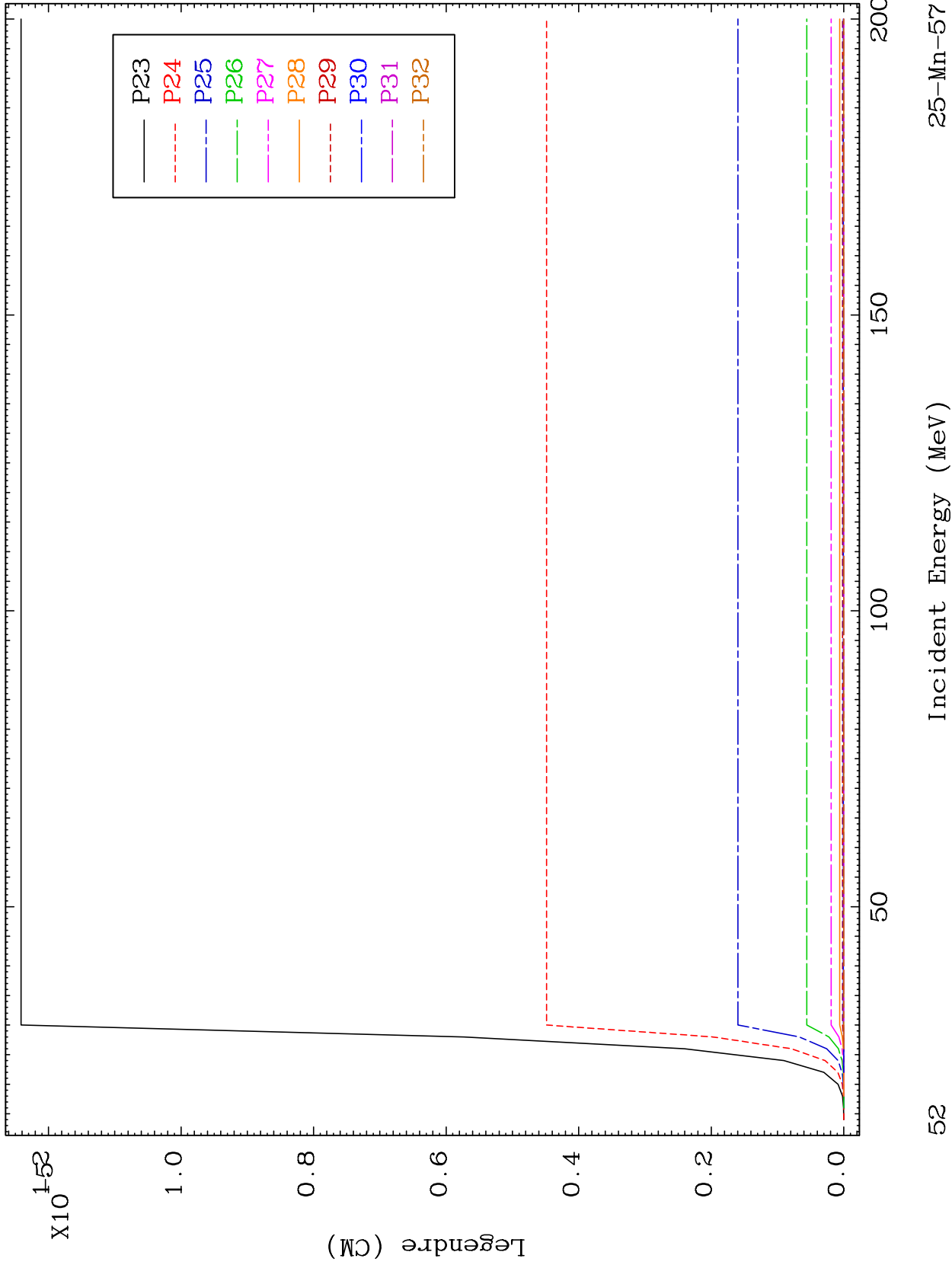




MAT 2531

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

25-Mn-57



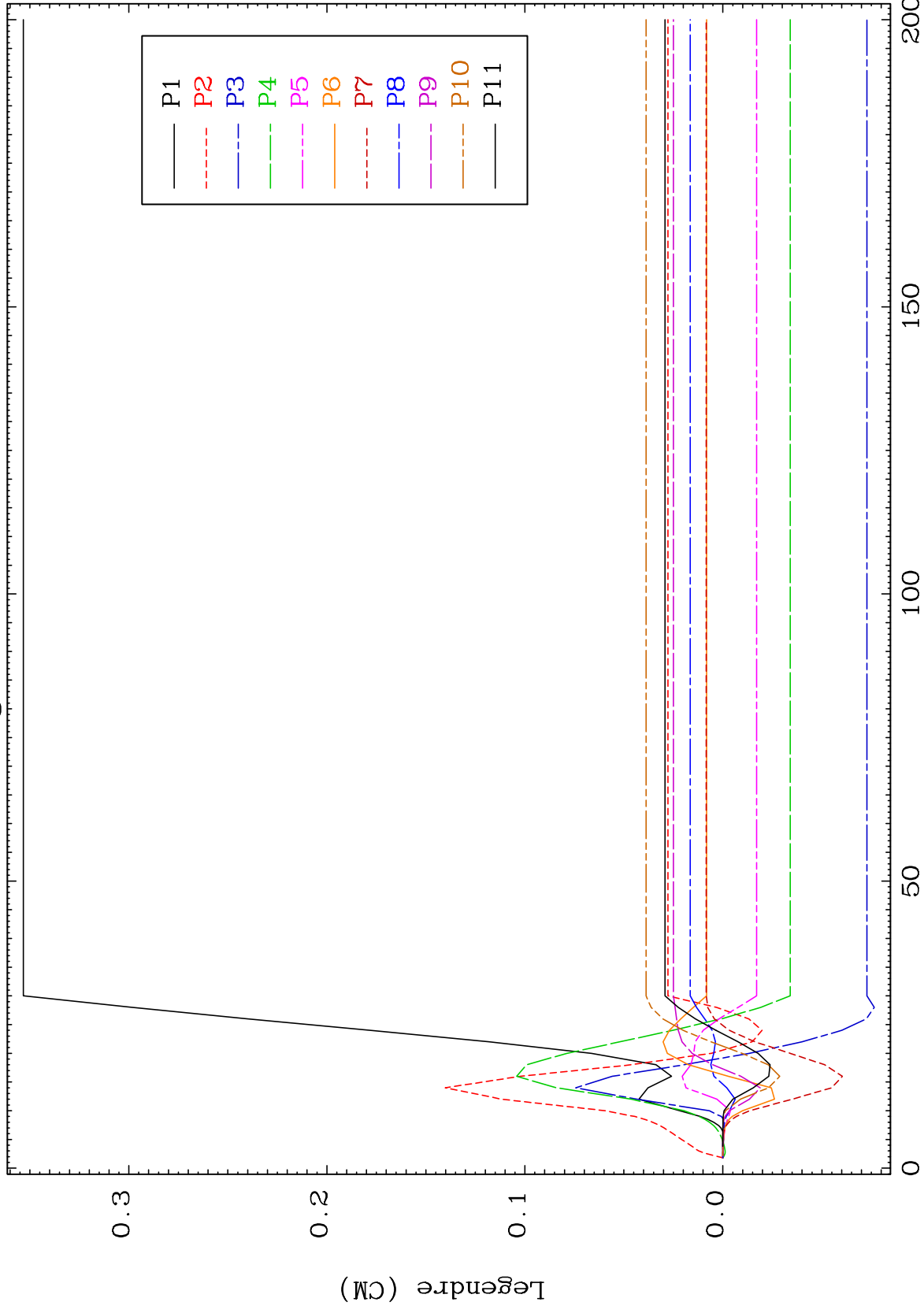
52

25-Mn-57

MAT 2531

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

25-Mn-57



53

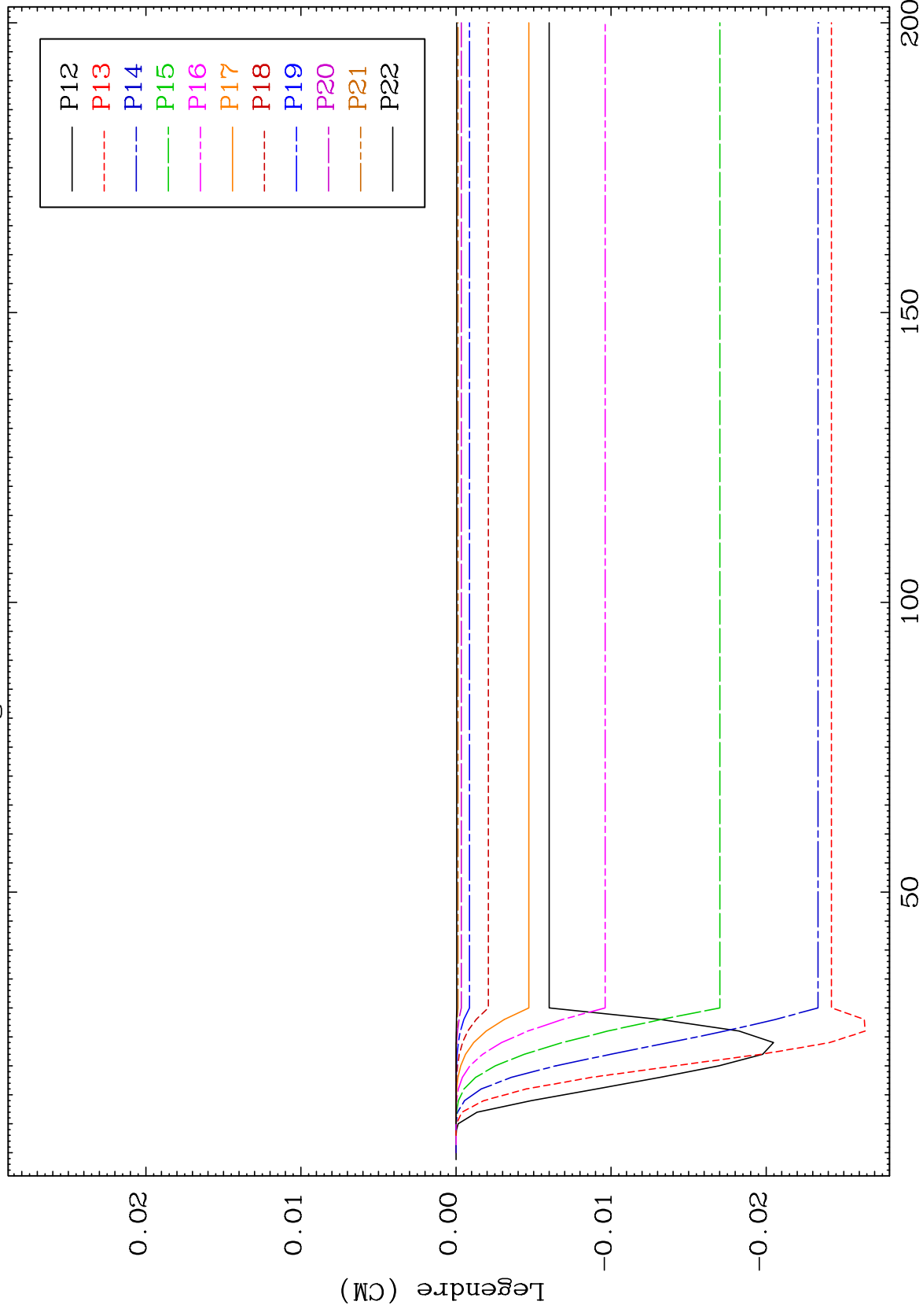
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

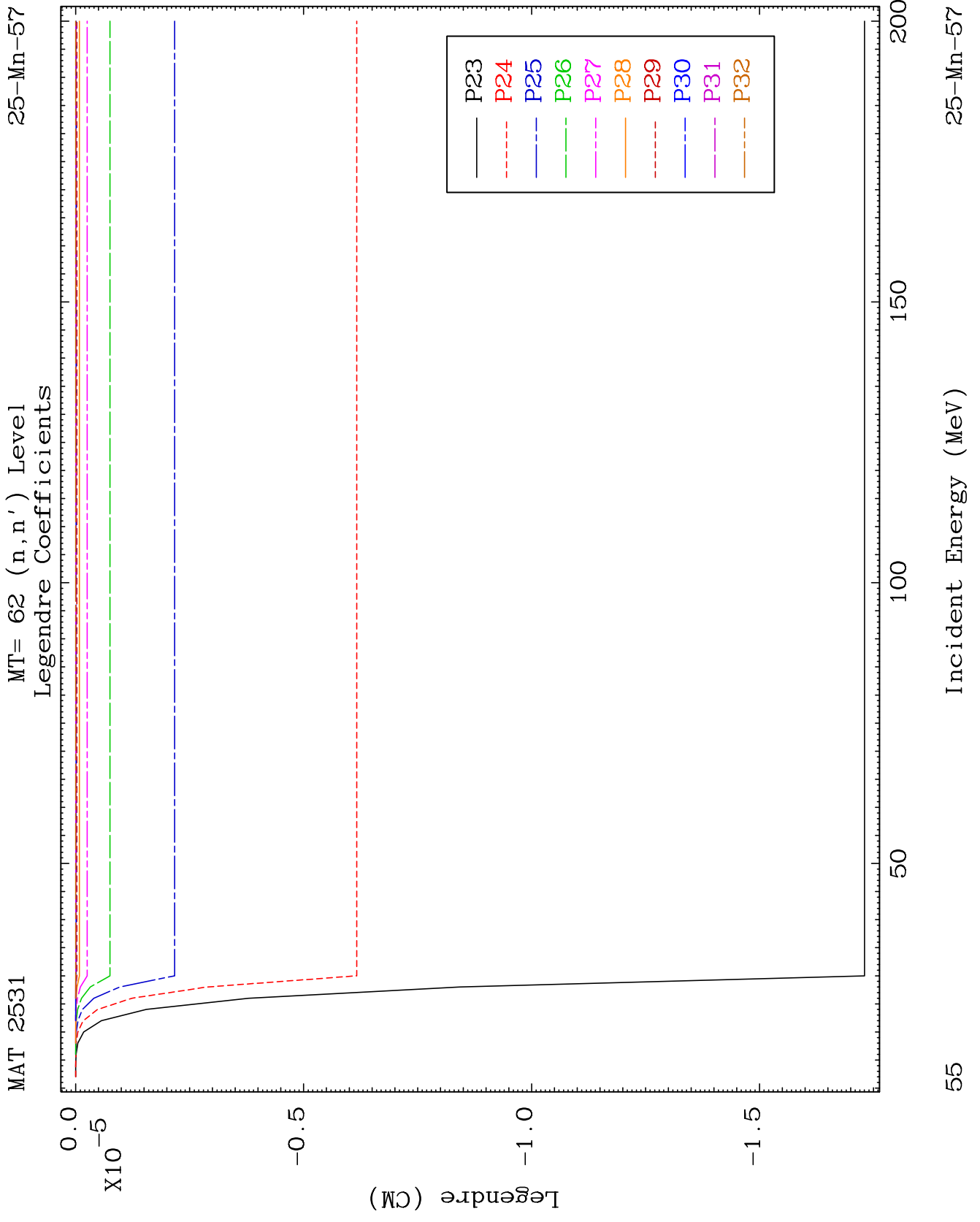
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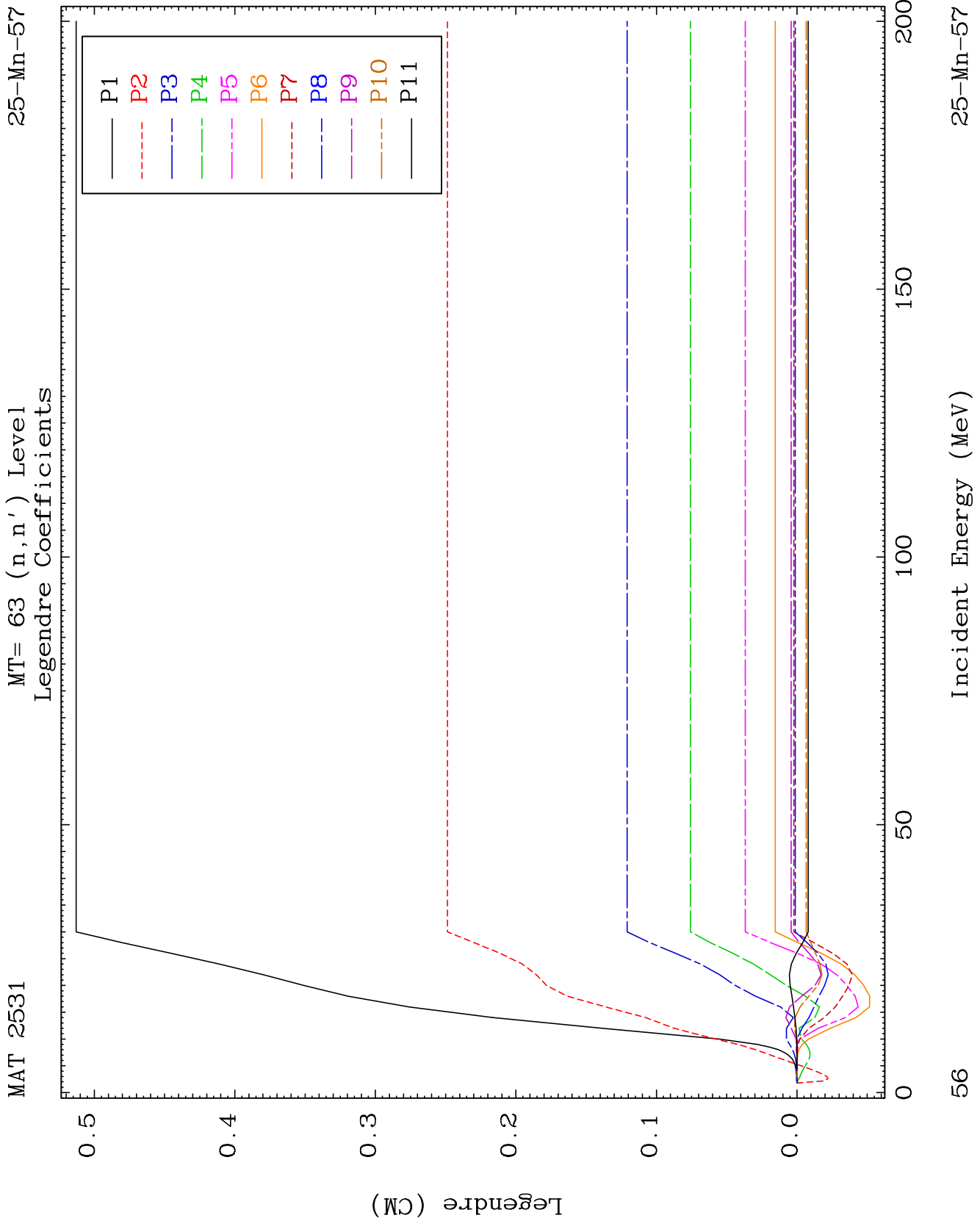


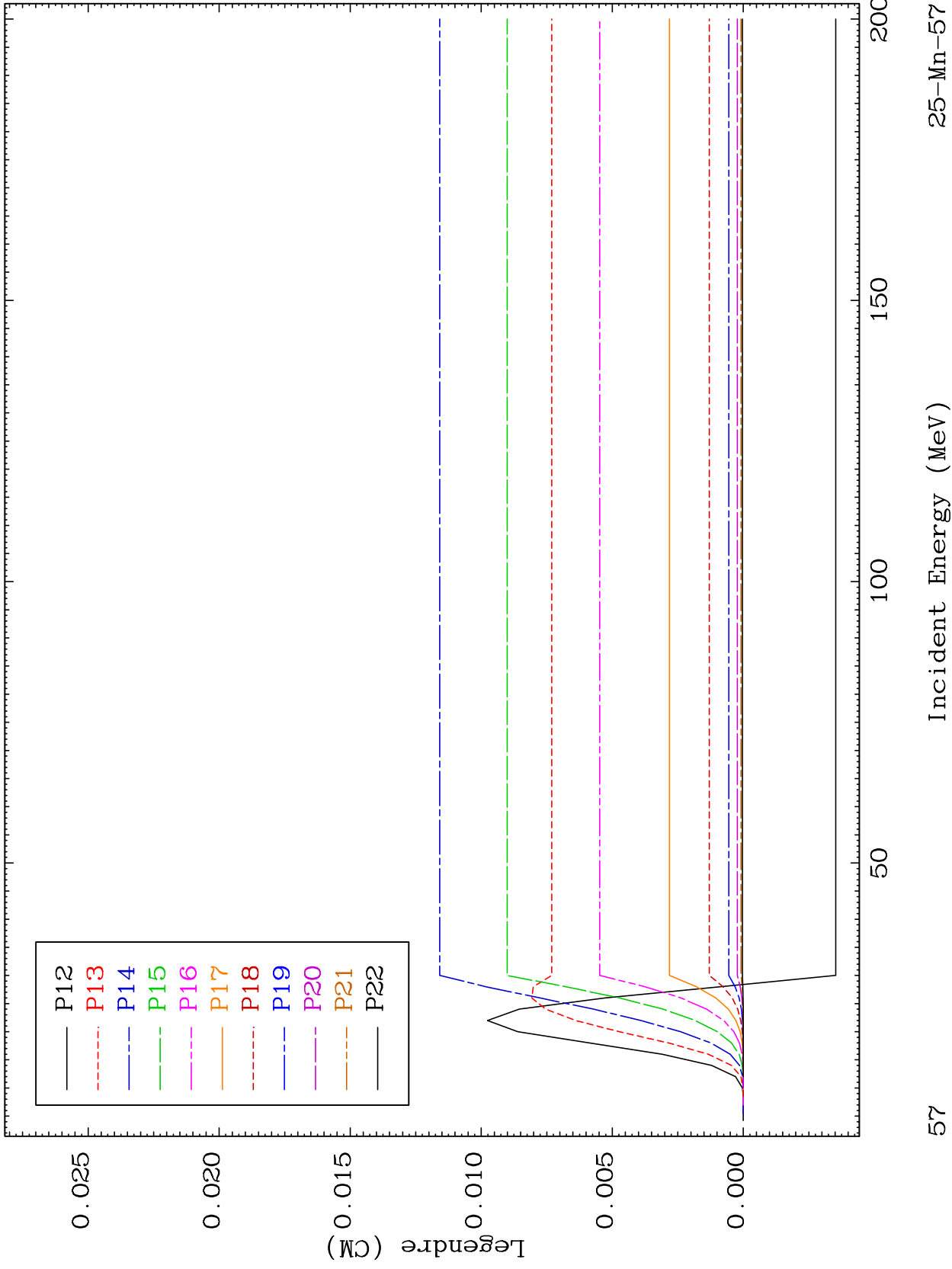
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Incident Energy (MeV)

25-Mn-57



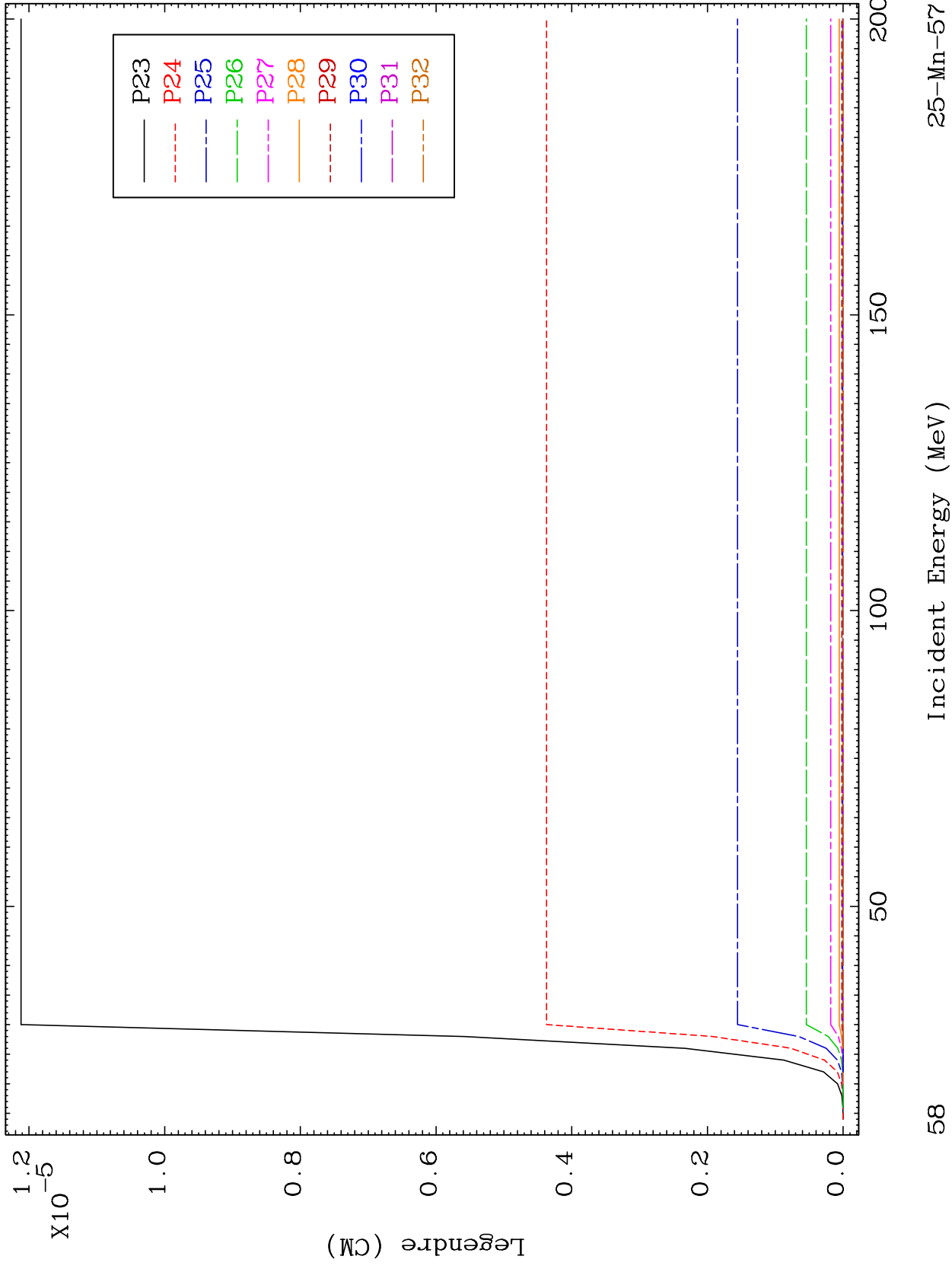




MAT 2531

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

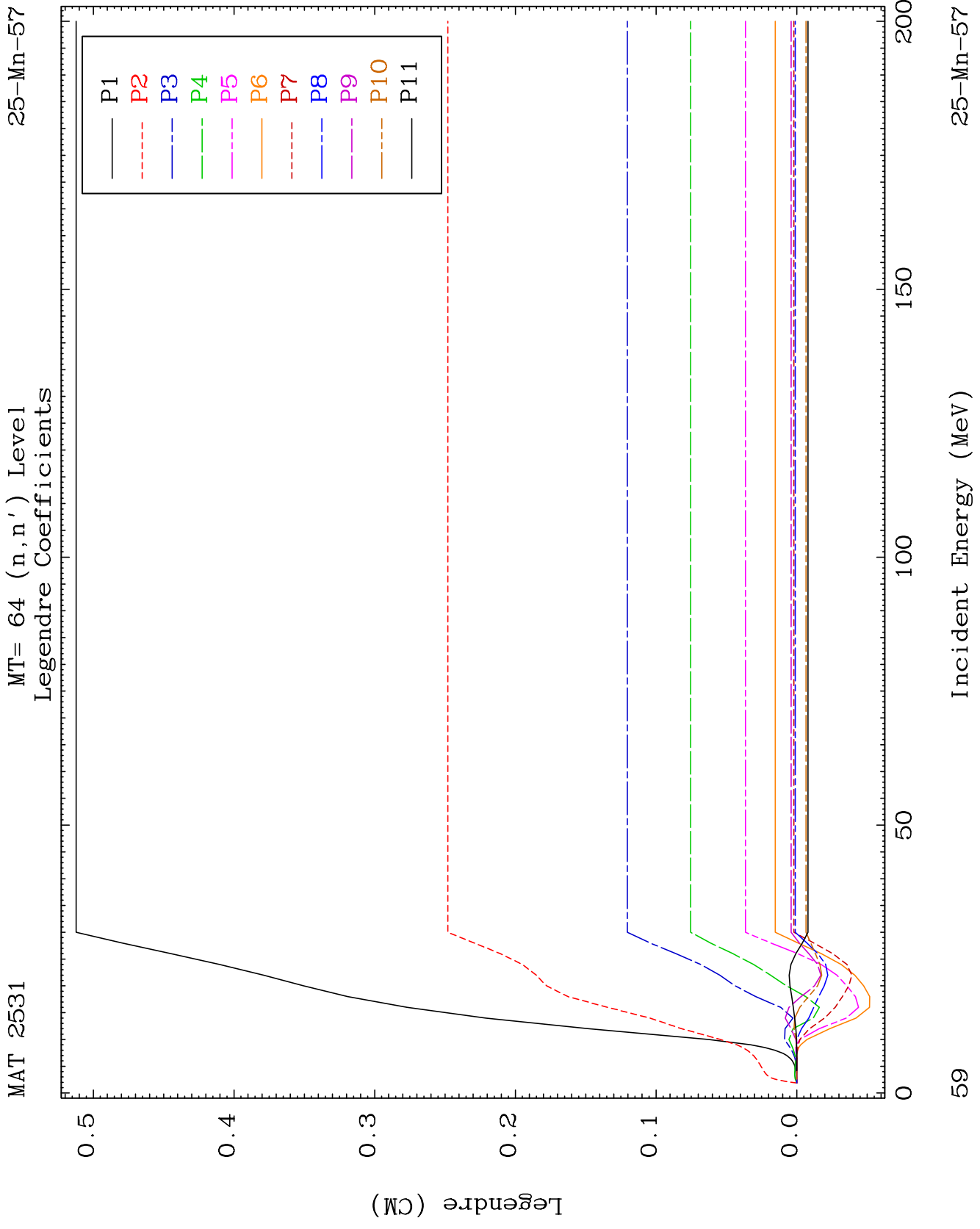
25-Mn-57



58

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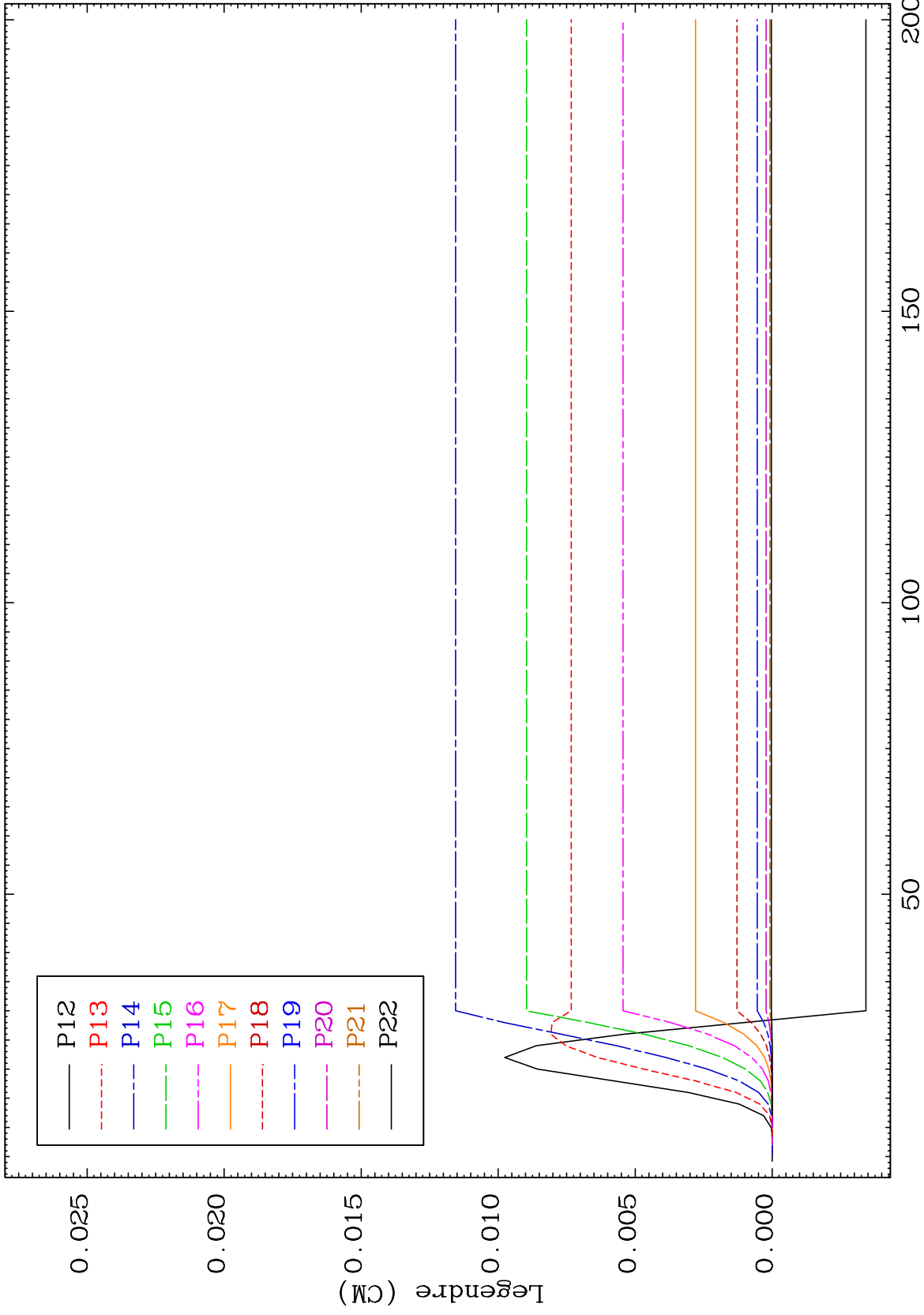
25-Mn-57



MAT 2531

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

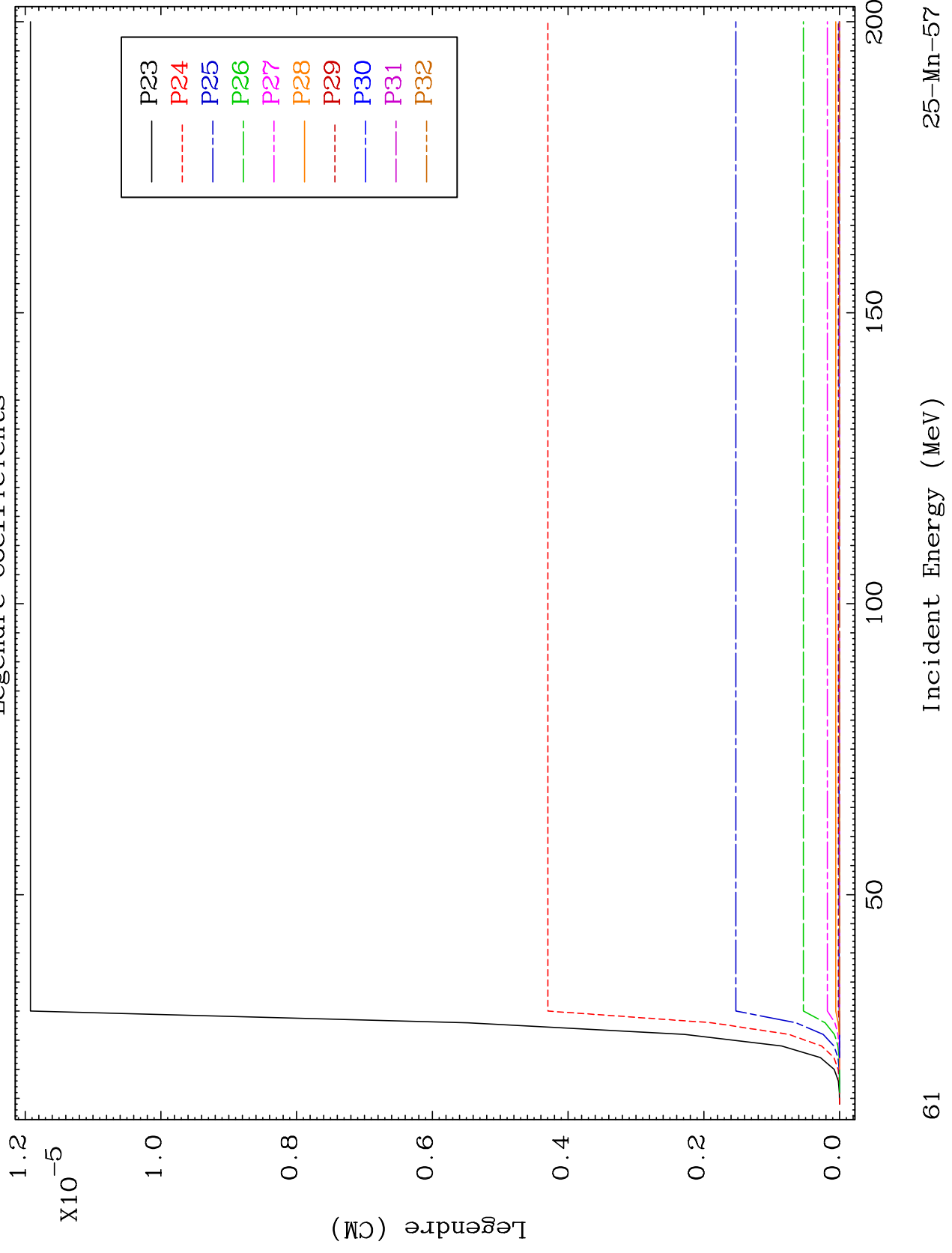
25-Mn-57



60

Incident Energy (MeV)

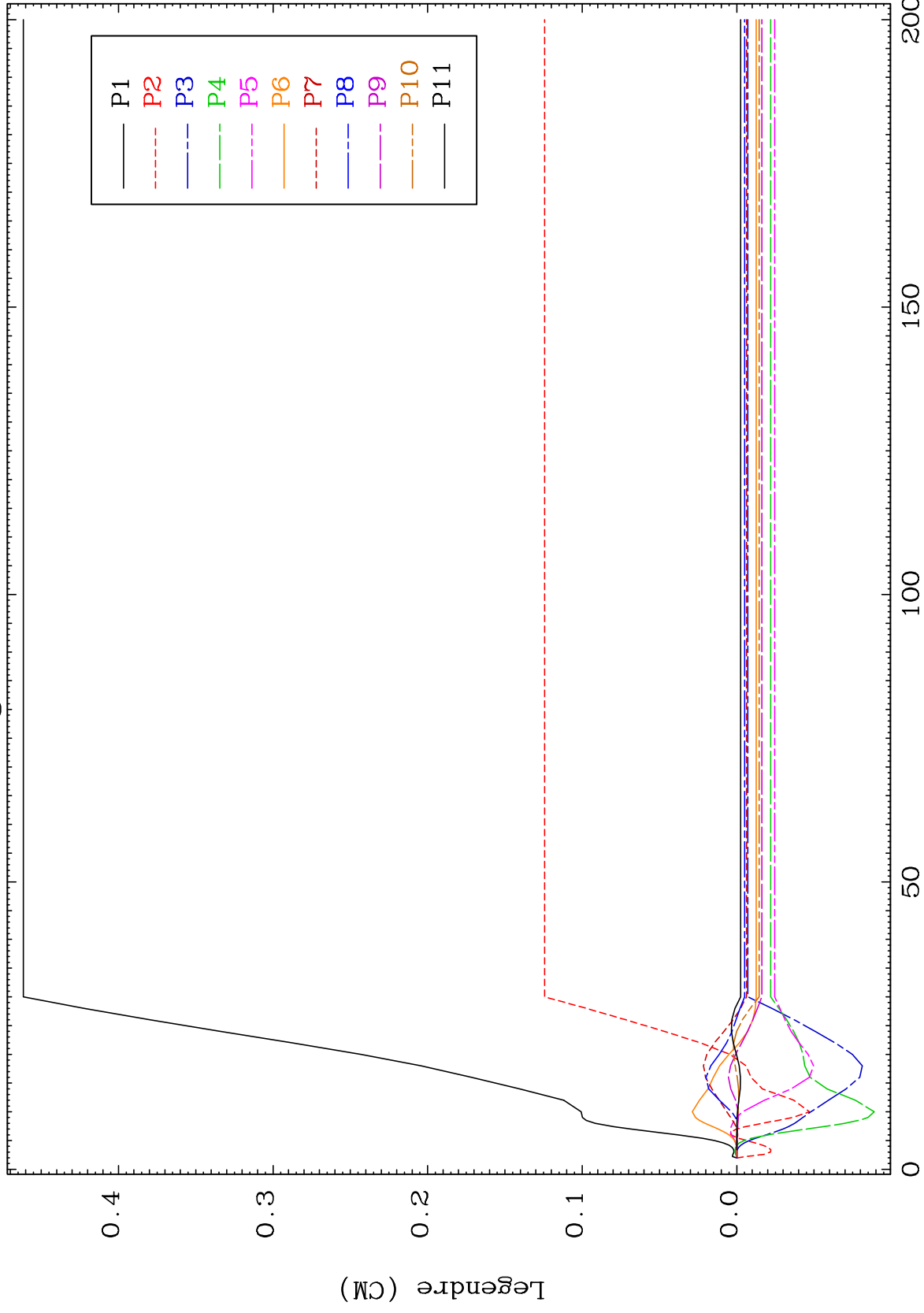
25-Mn-57



MAT 2531

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

25-Mn-57



25-Mn-57

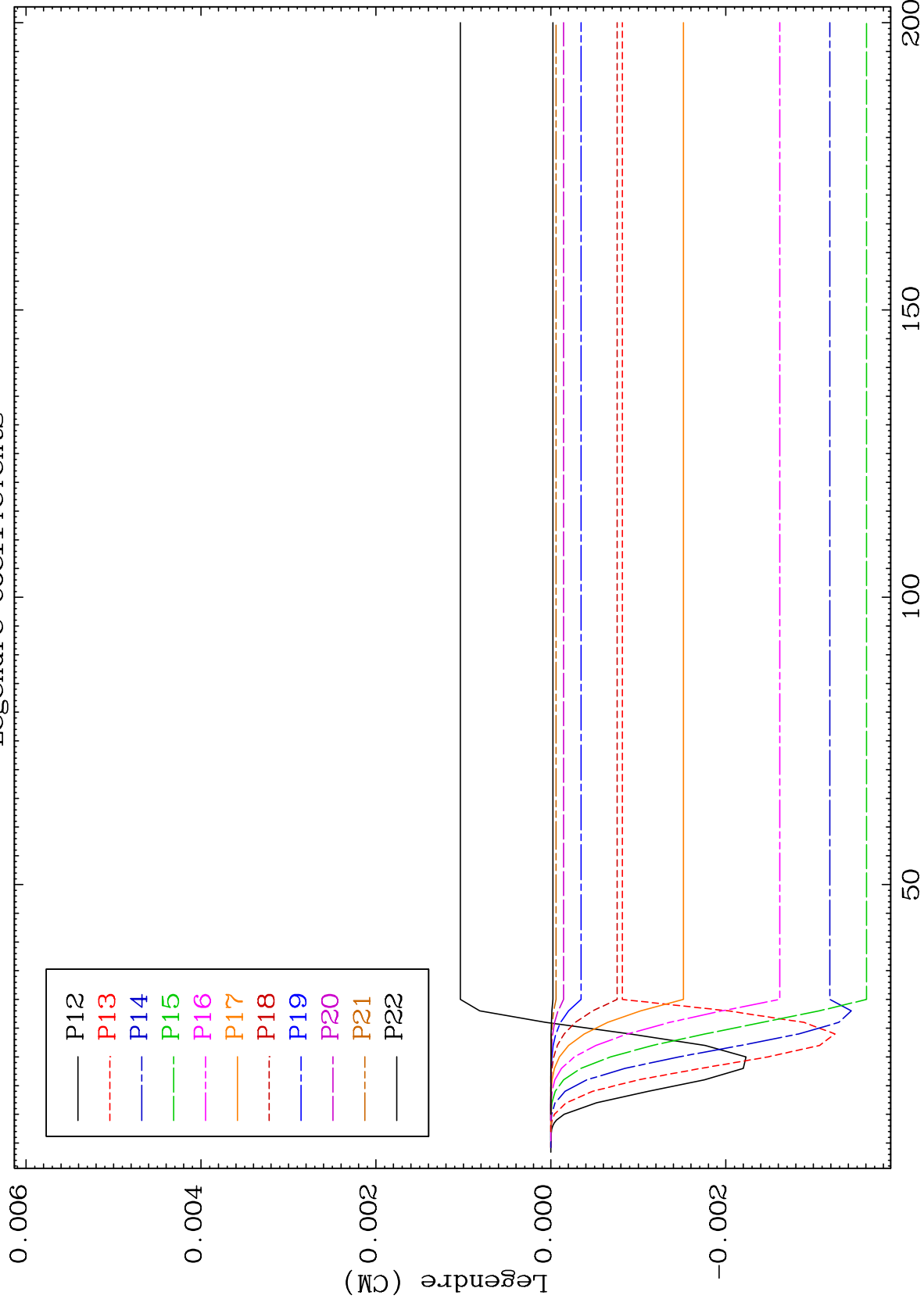
Incident Energy (MeV)

62

MAT 2531

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

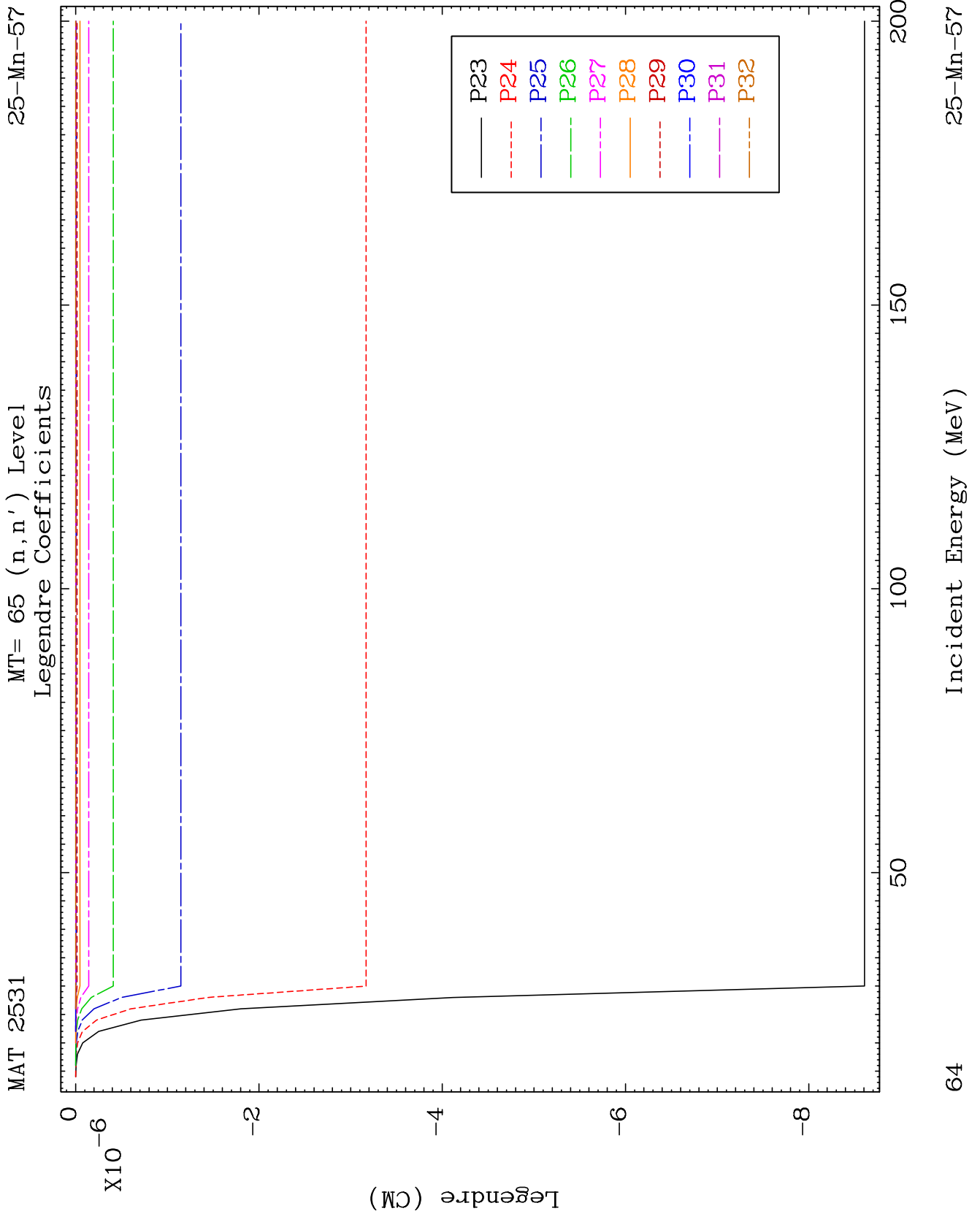
25-Mn-57

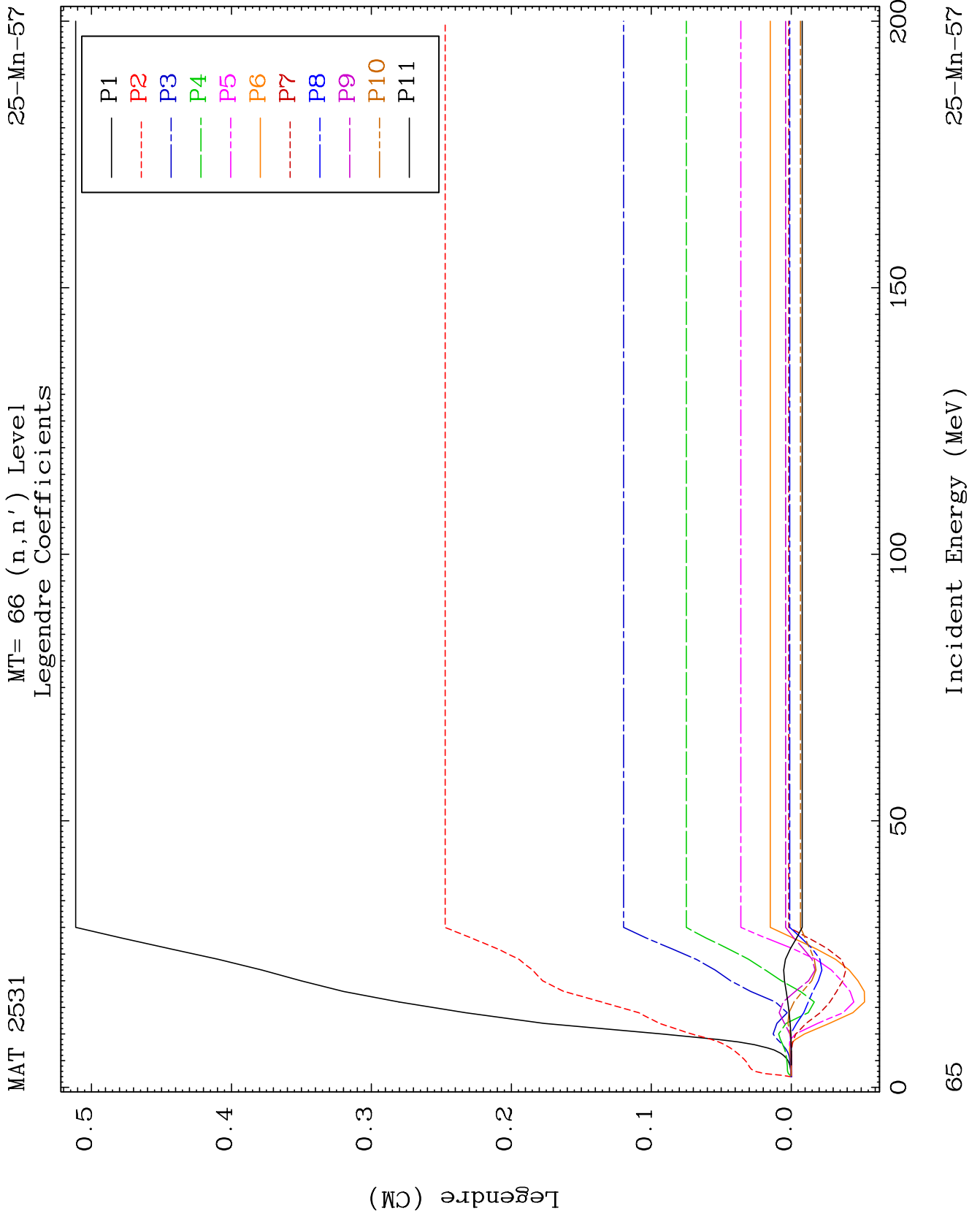


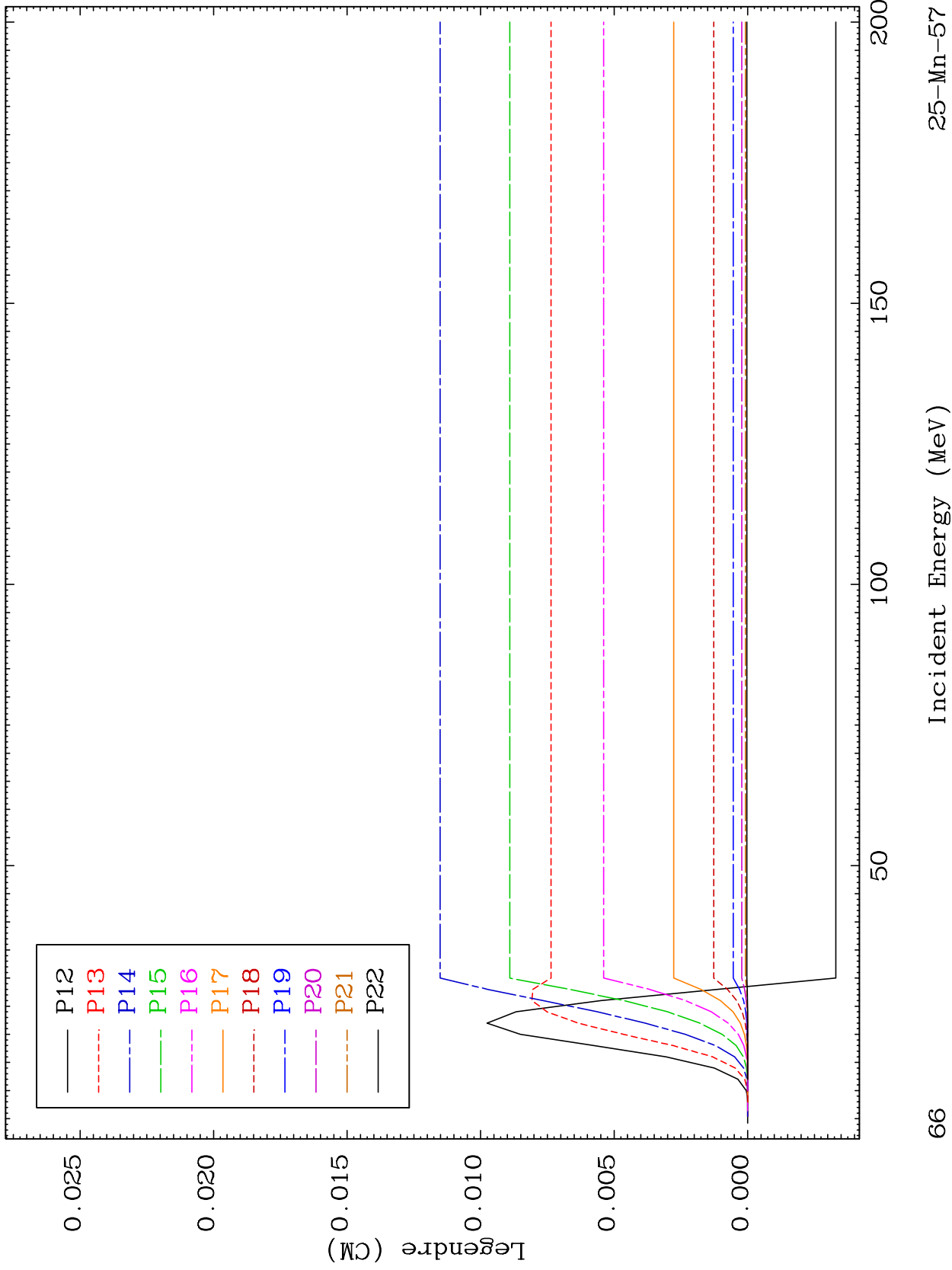
63

Incident Energy (MeV)

25-Mn-57



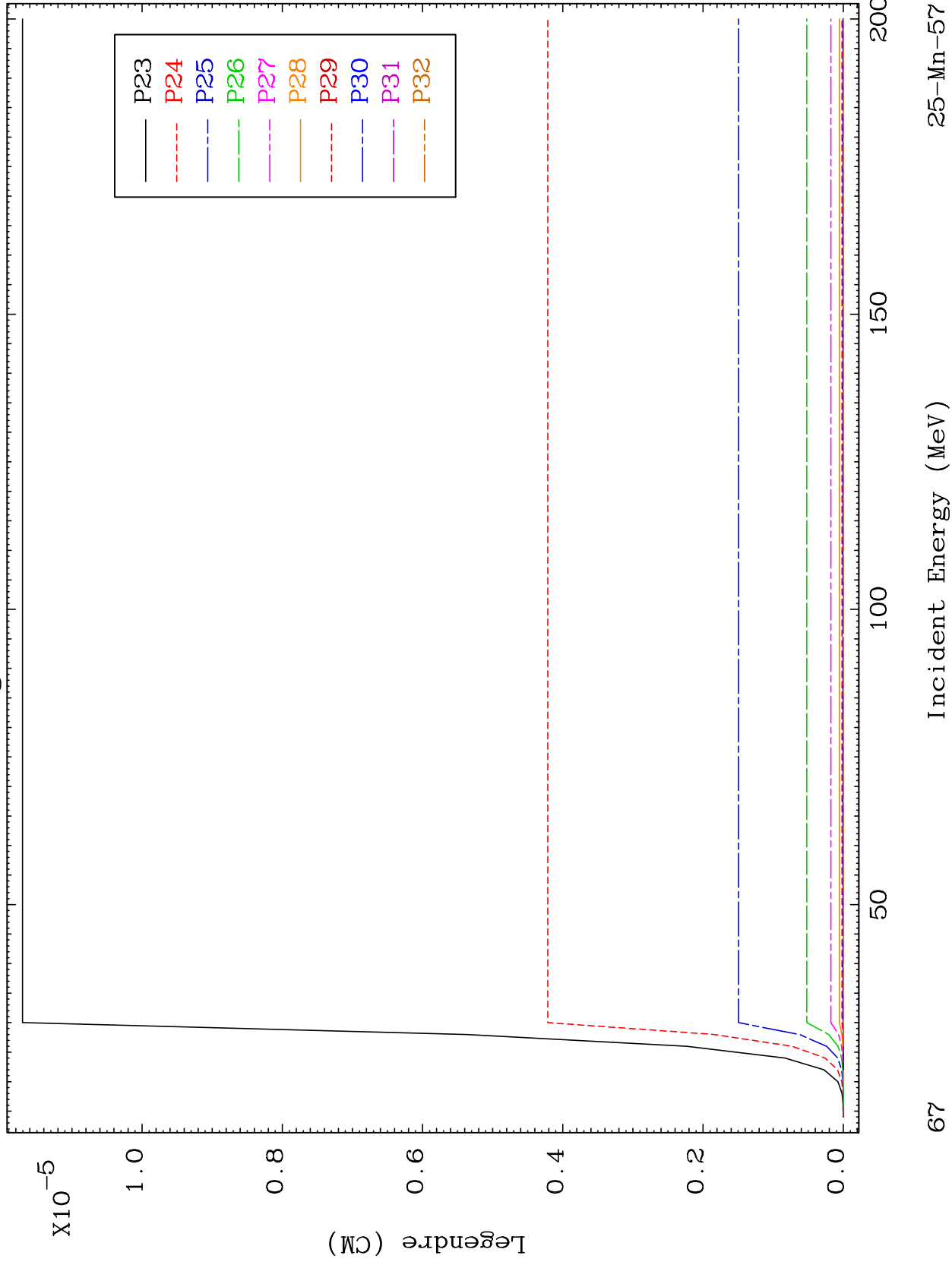


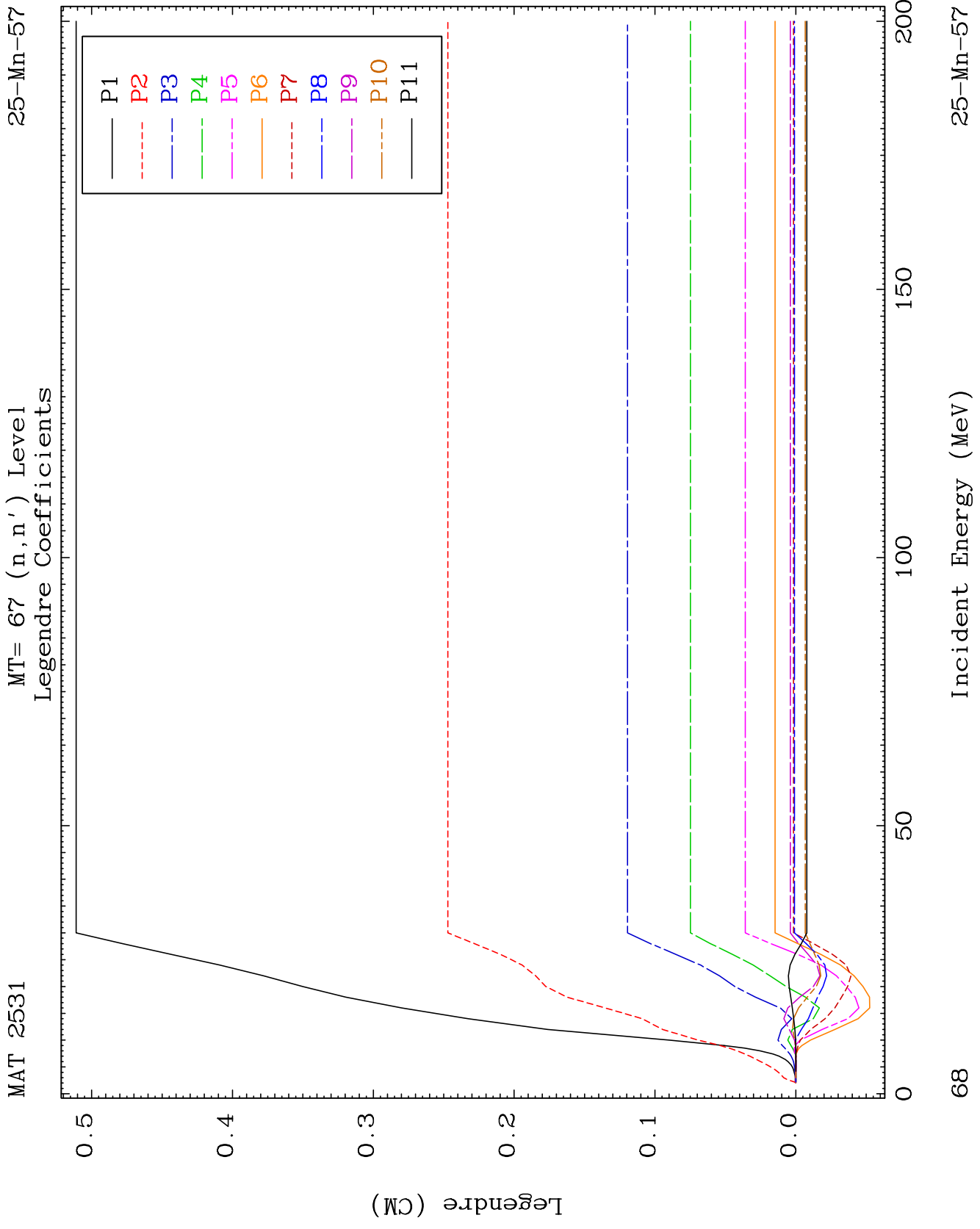


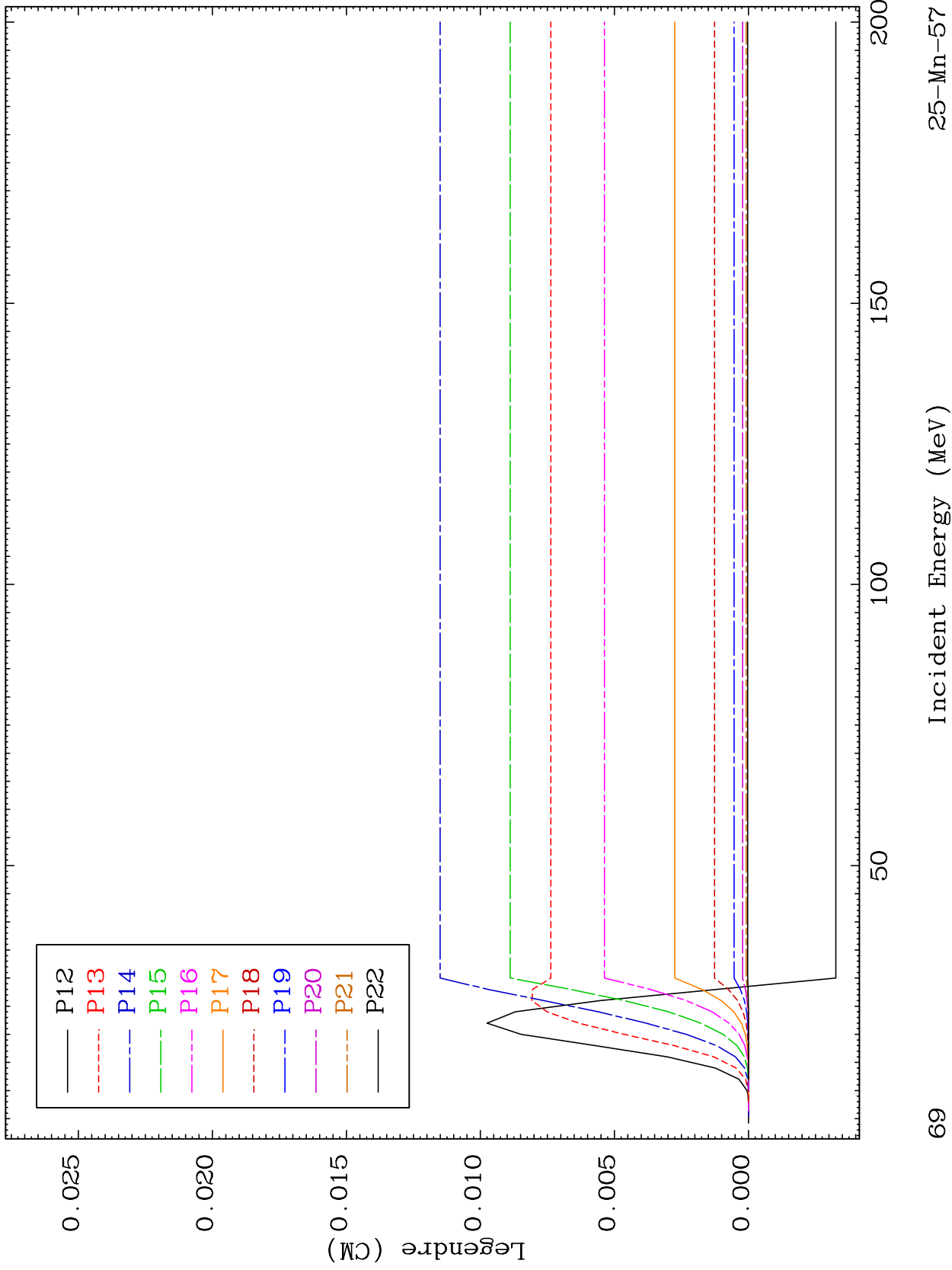
MAT 2531

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

25-Mn-57



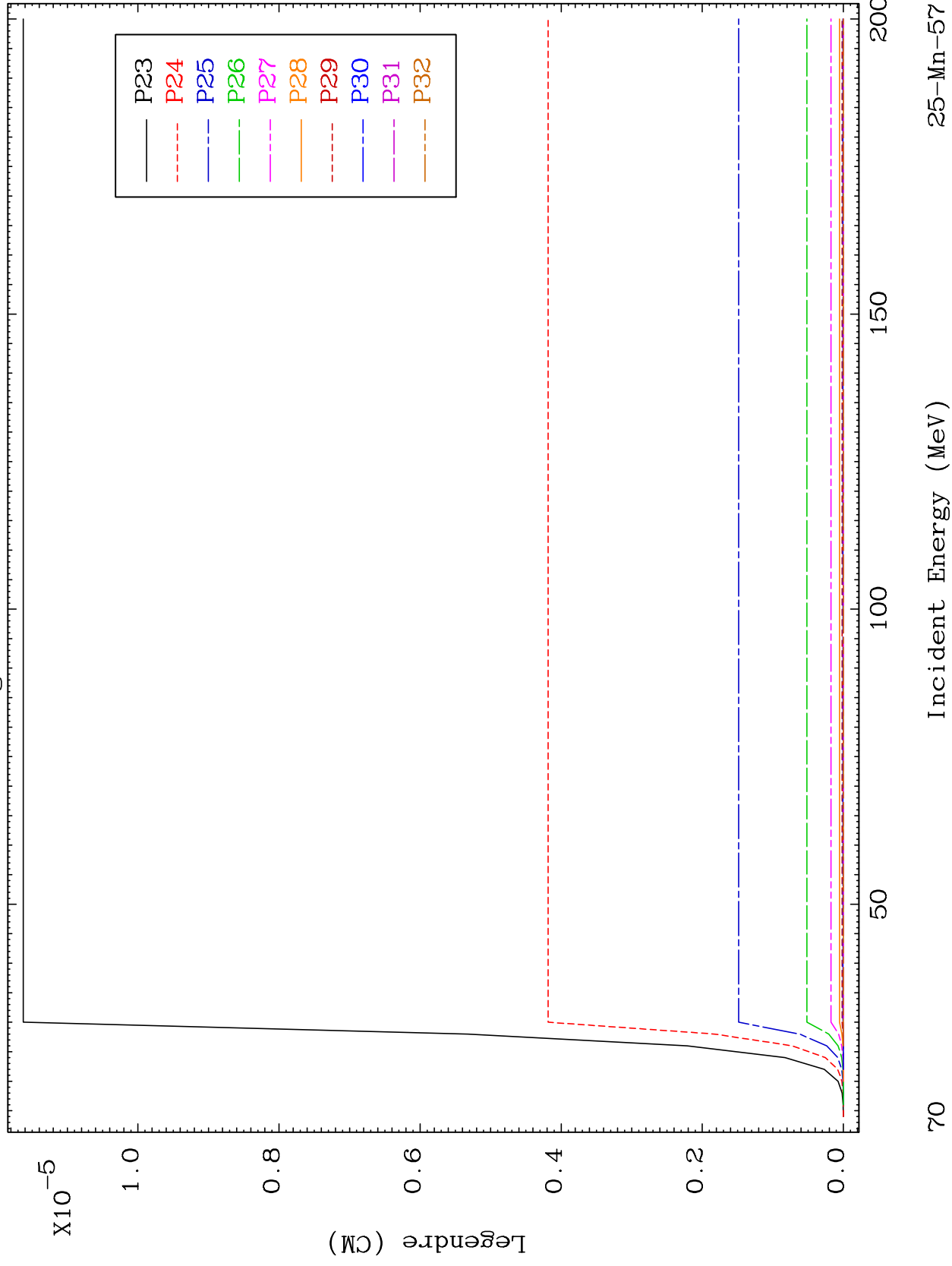


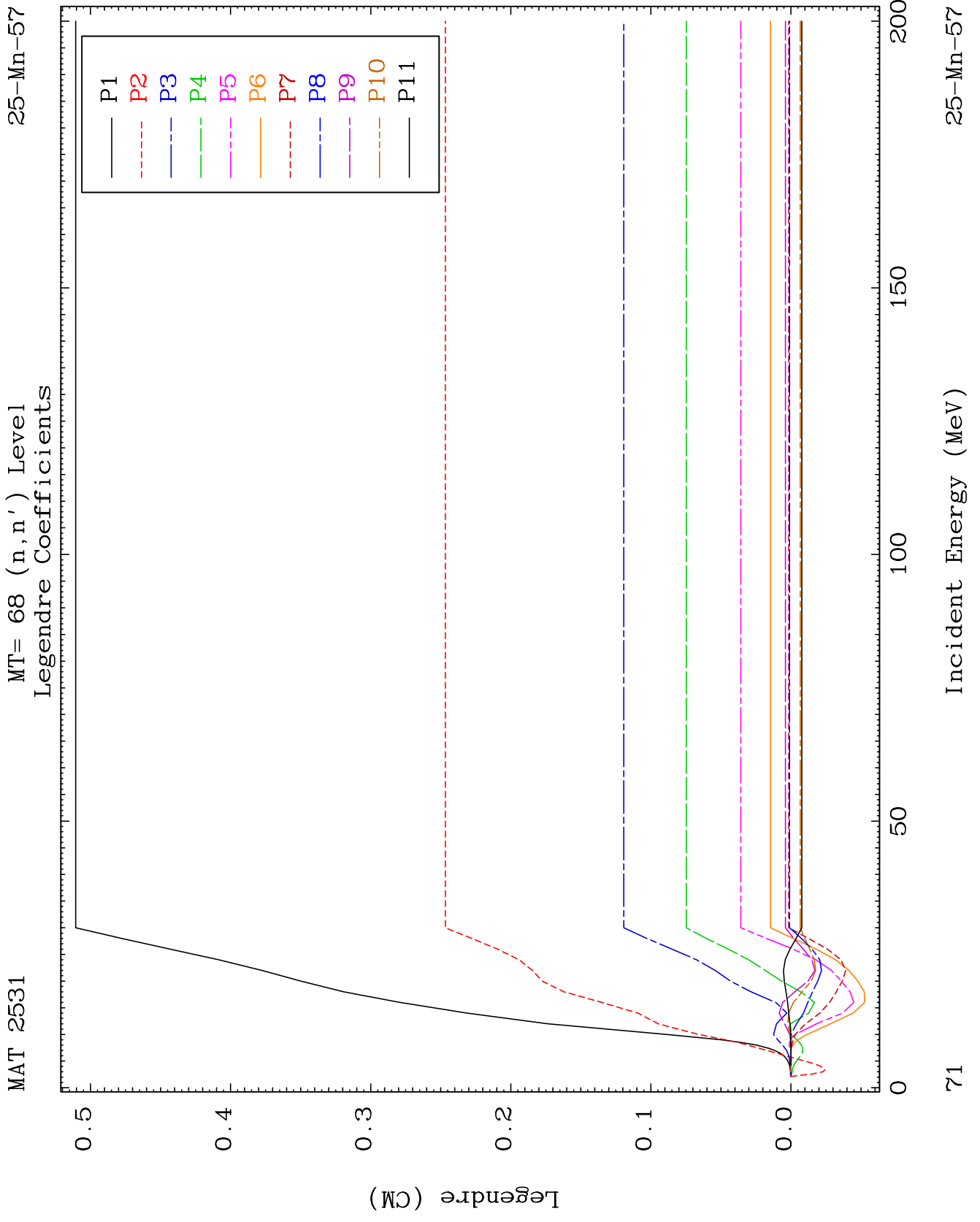


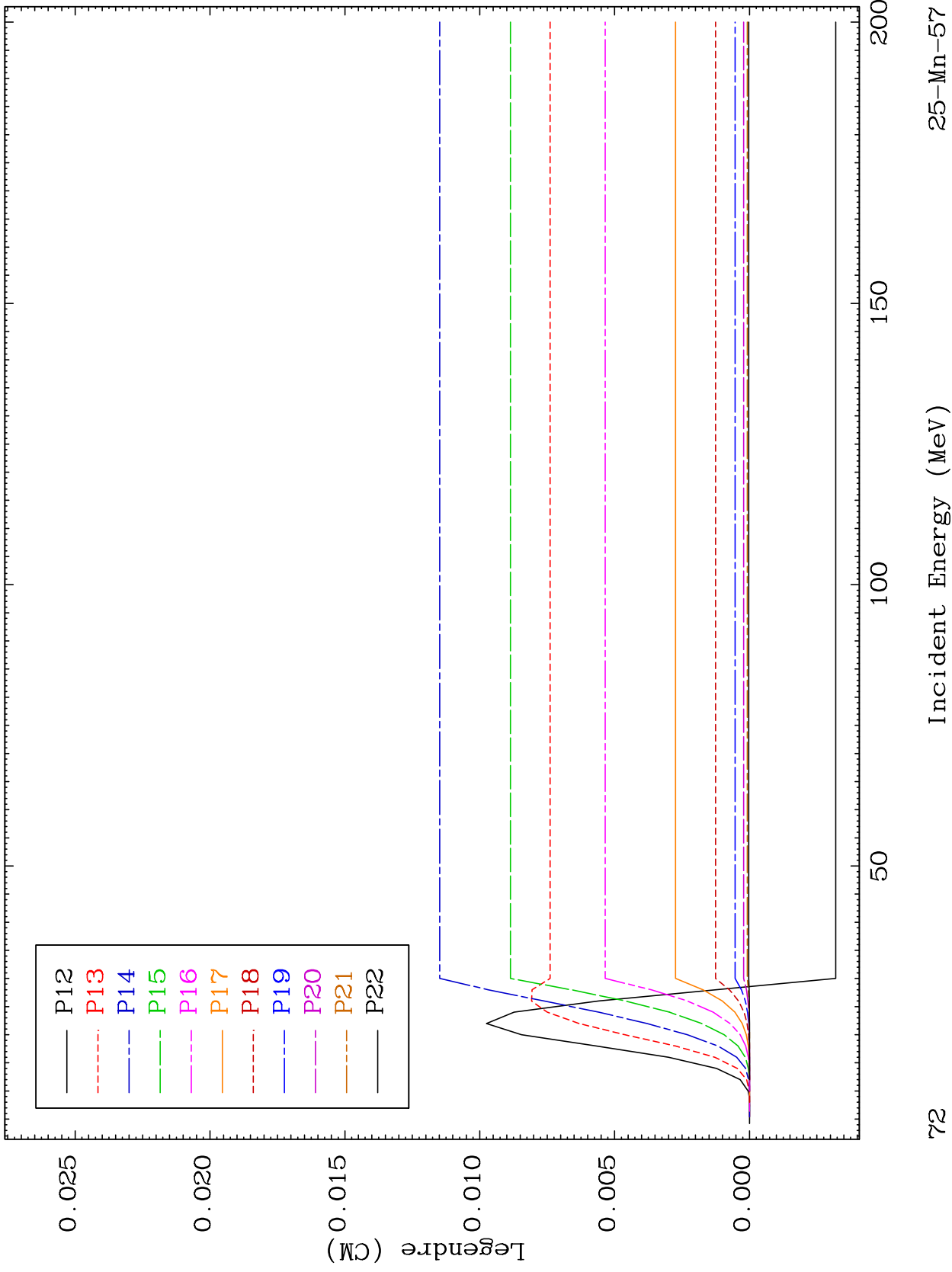
MAT 2531

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

25-Mn-57



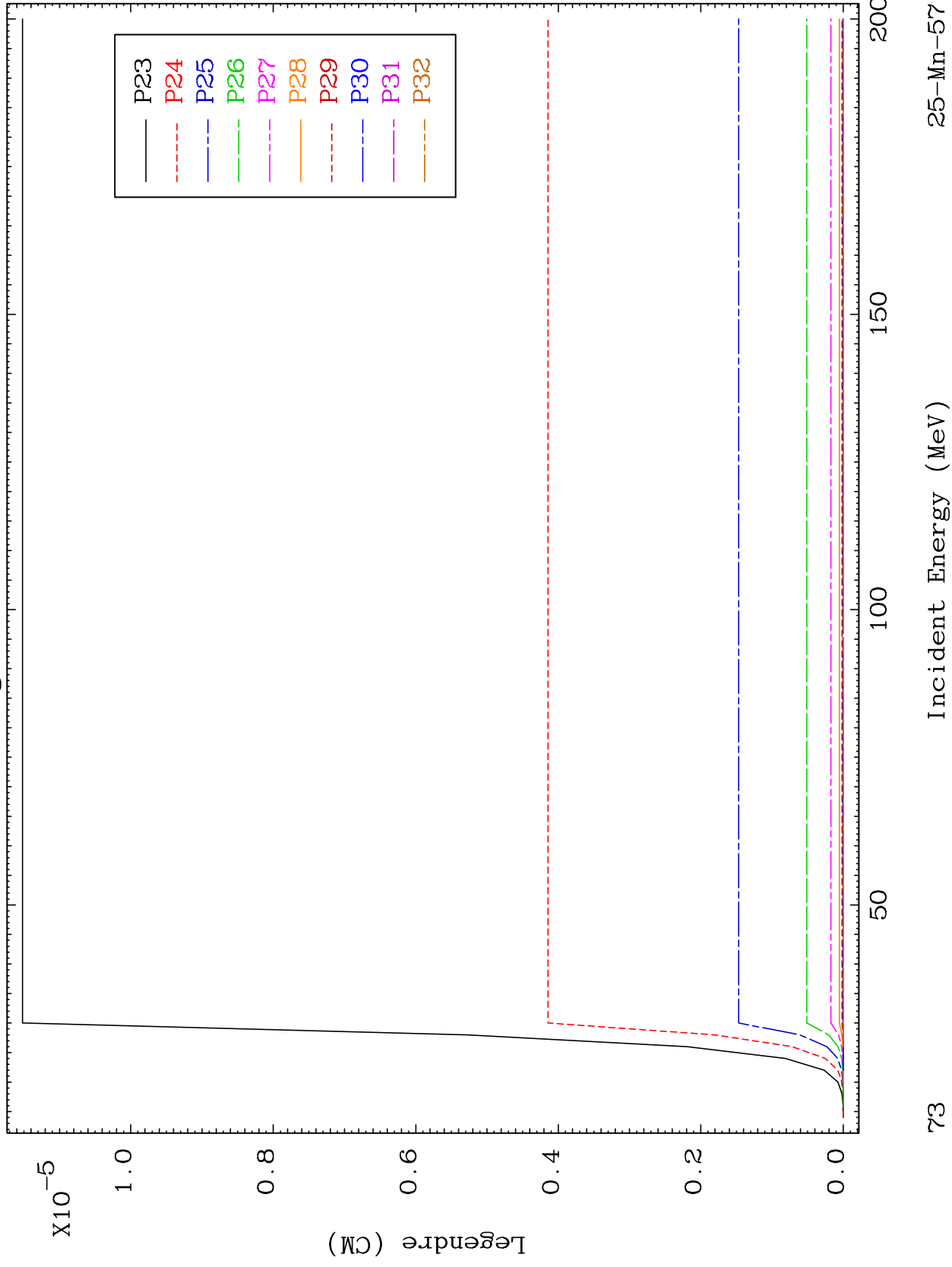




MAT 2531

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

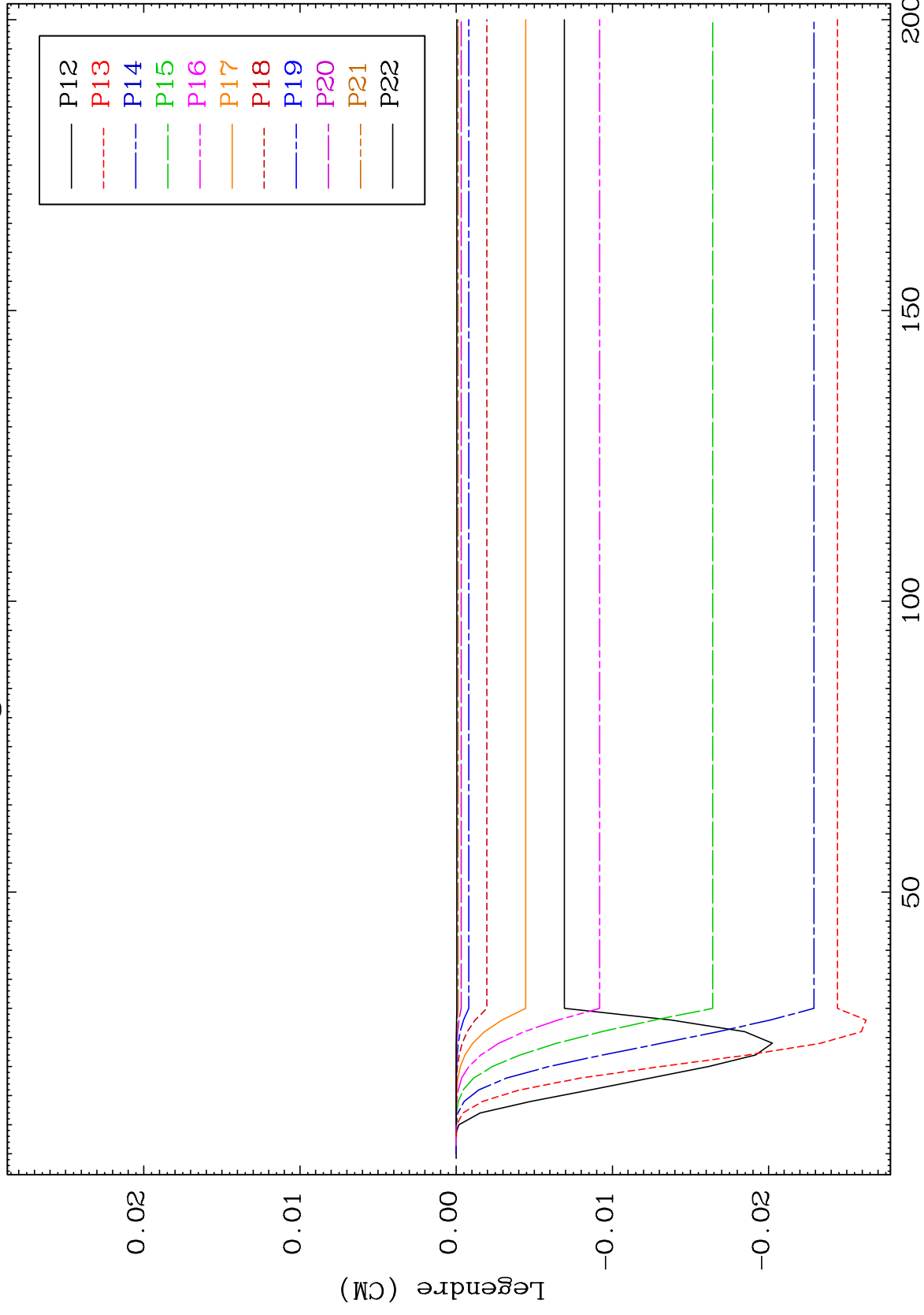
25-Mn-57



MAT 2531

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

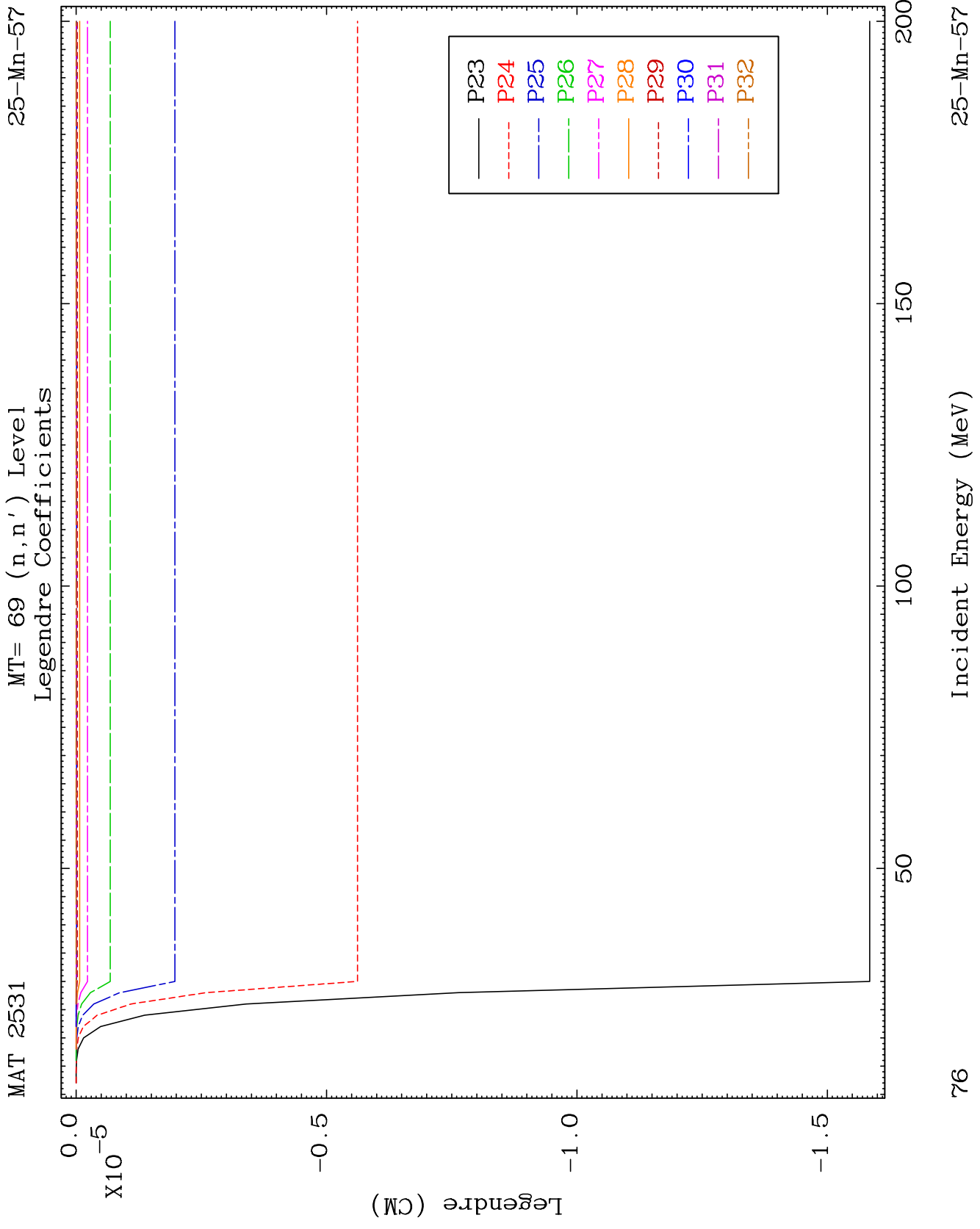
25-Mn-57

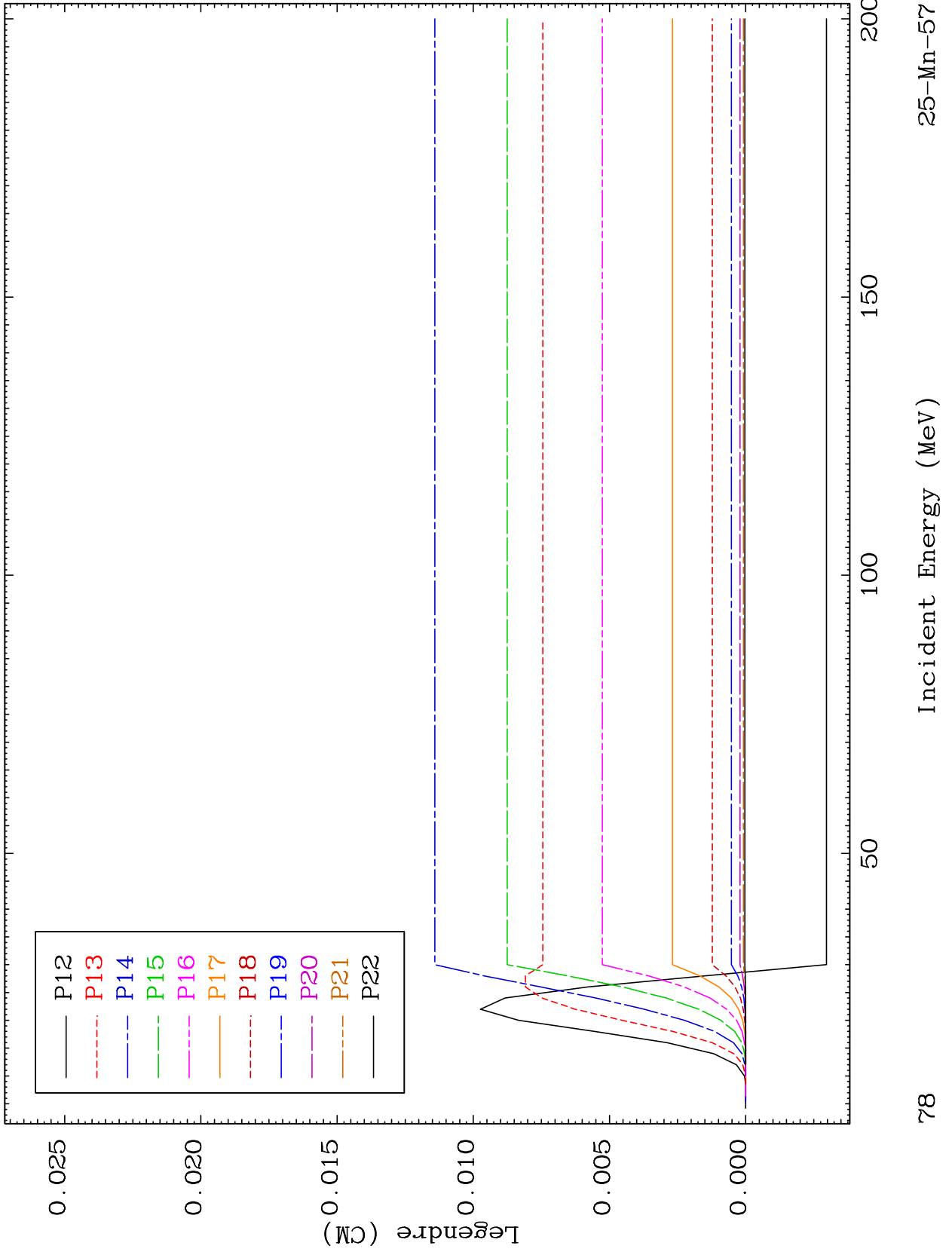


75

Incident Energy (MeV)

25-Mn-57

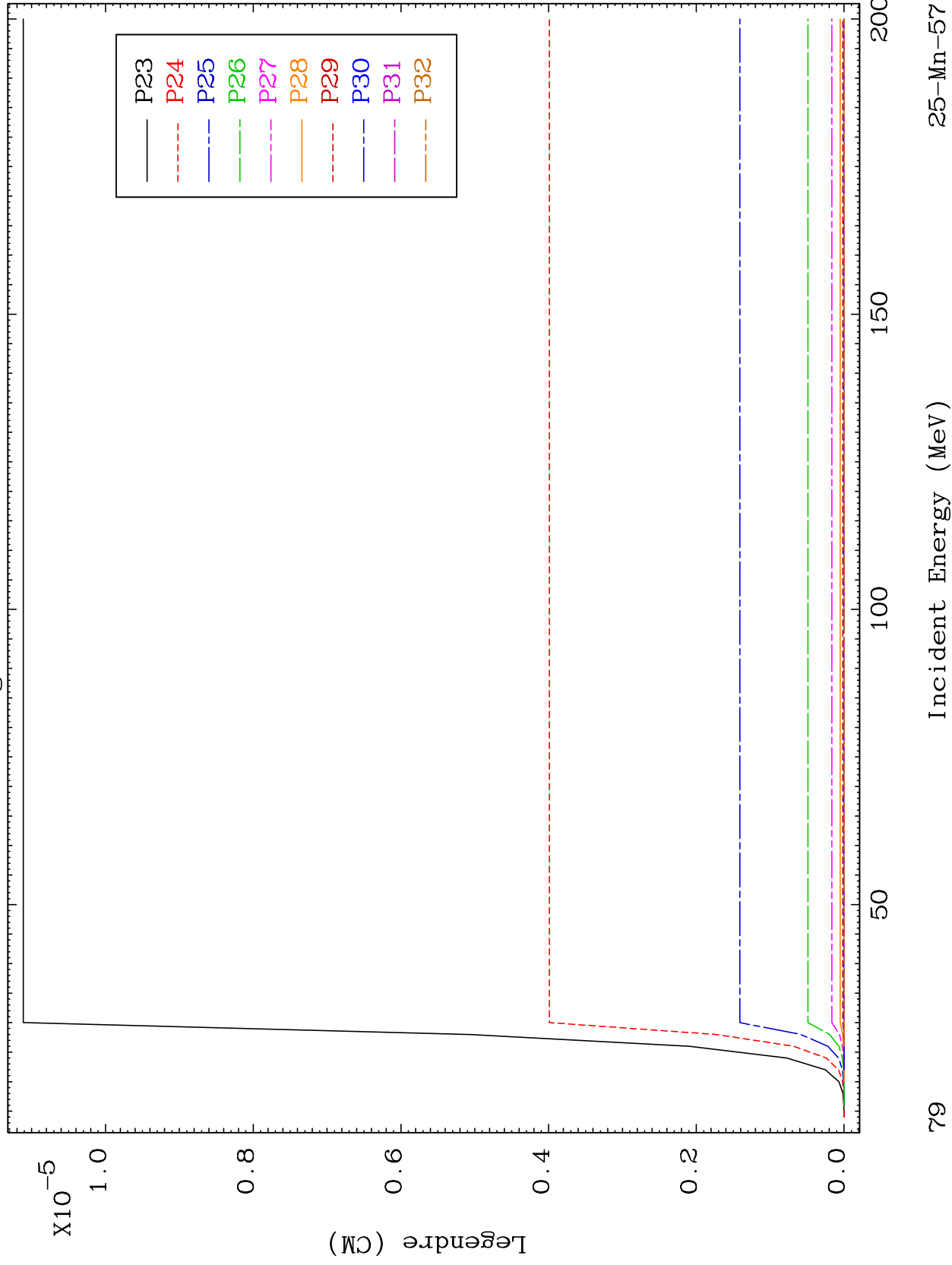




MAT 2531

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

25-Mn-57



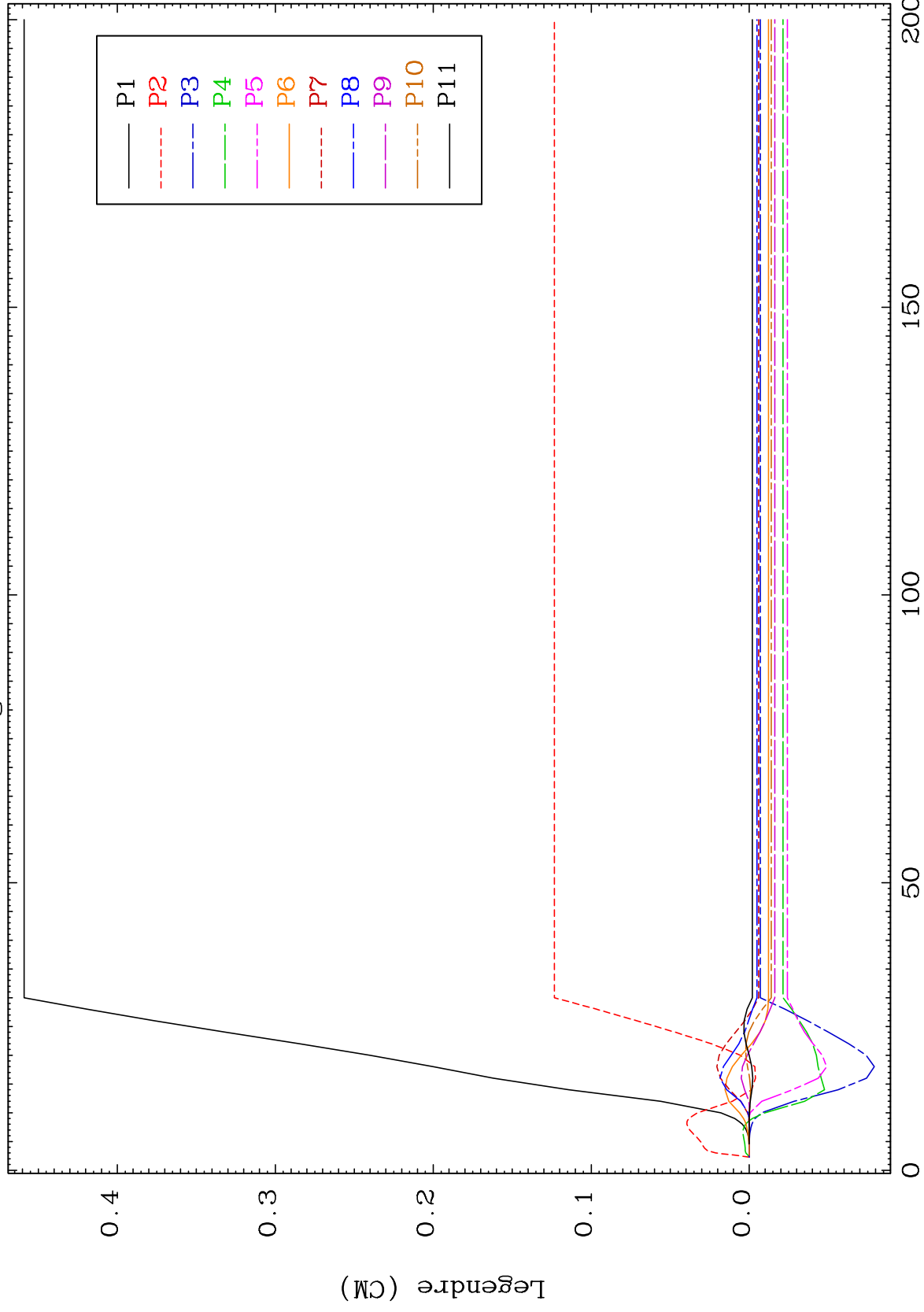
79

25-Mn-57

MAT 2531

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

25-Mn-57



80

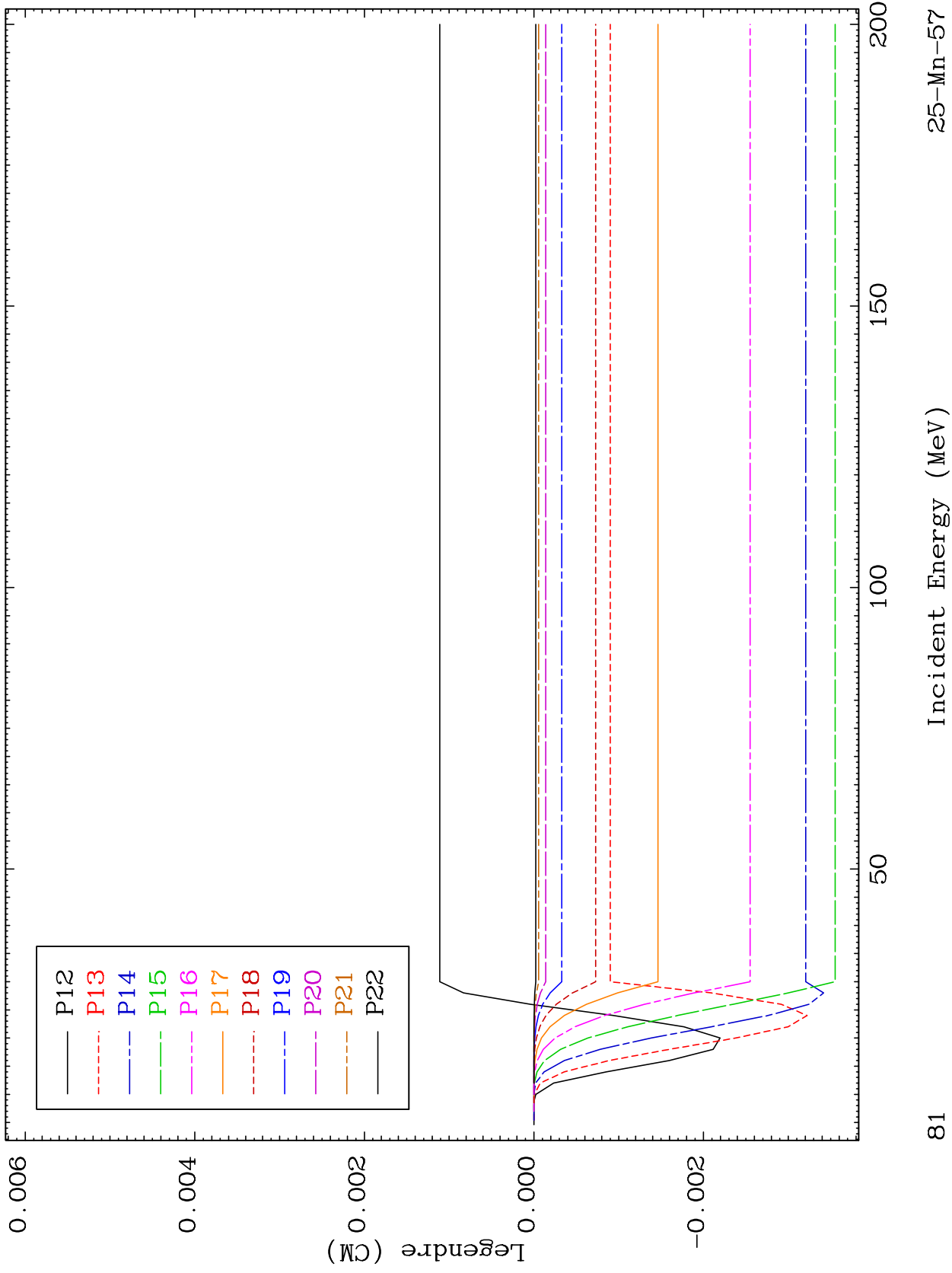
Incident Energy (MeV)

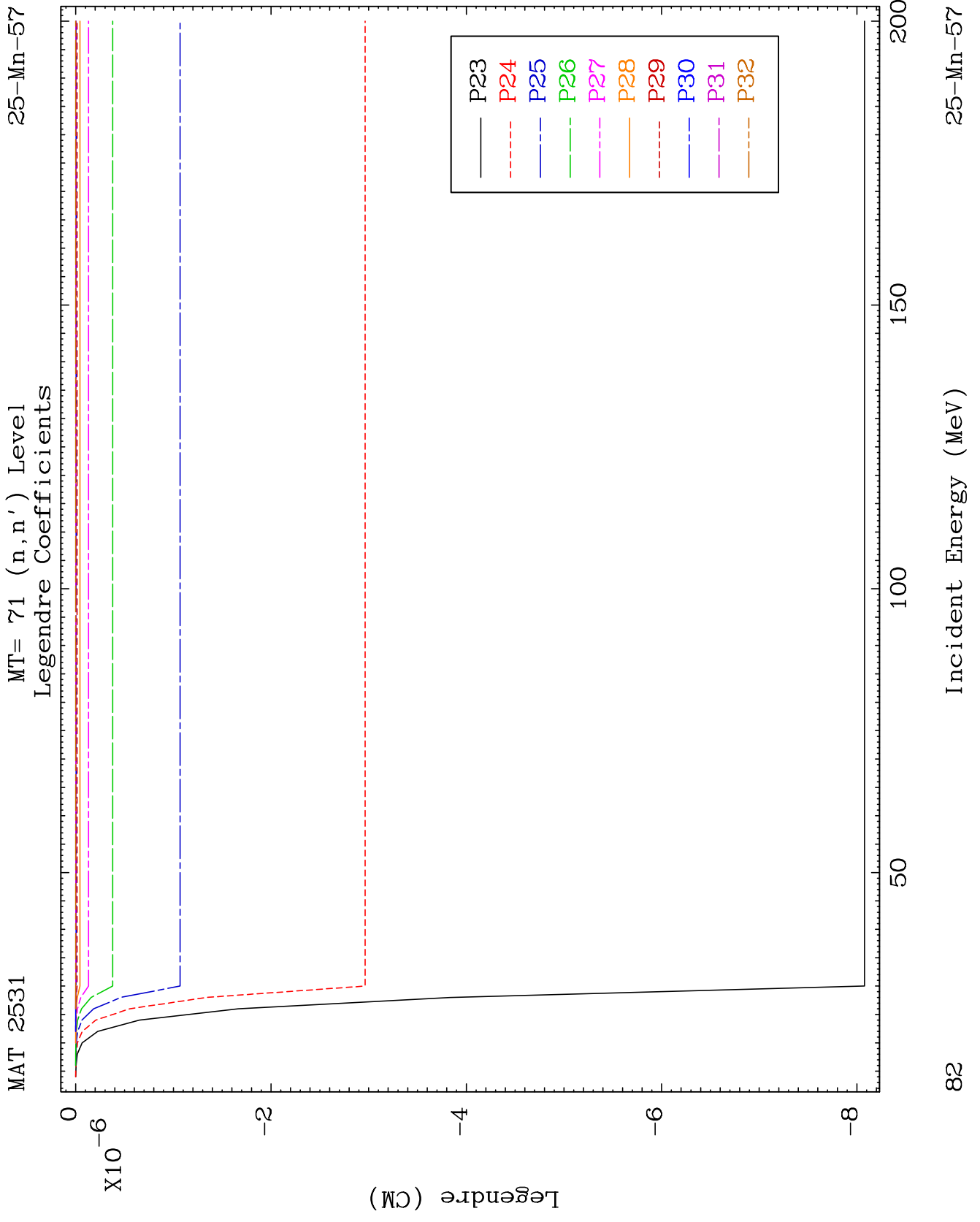
25-Mn-57

MAT 2531

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

25-Mn-57

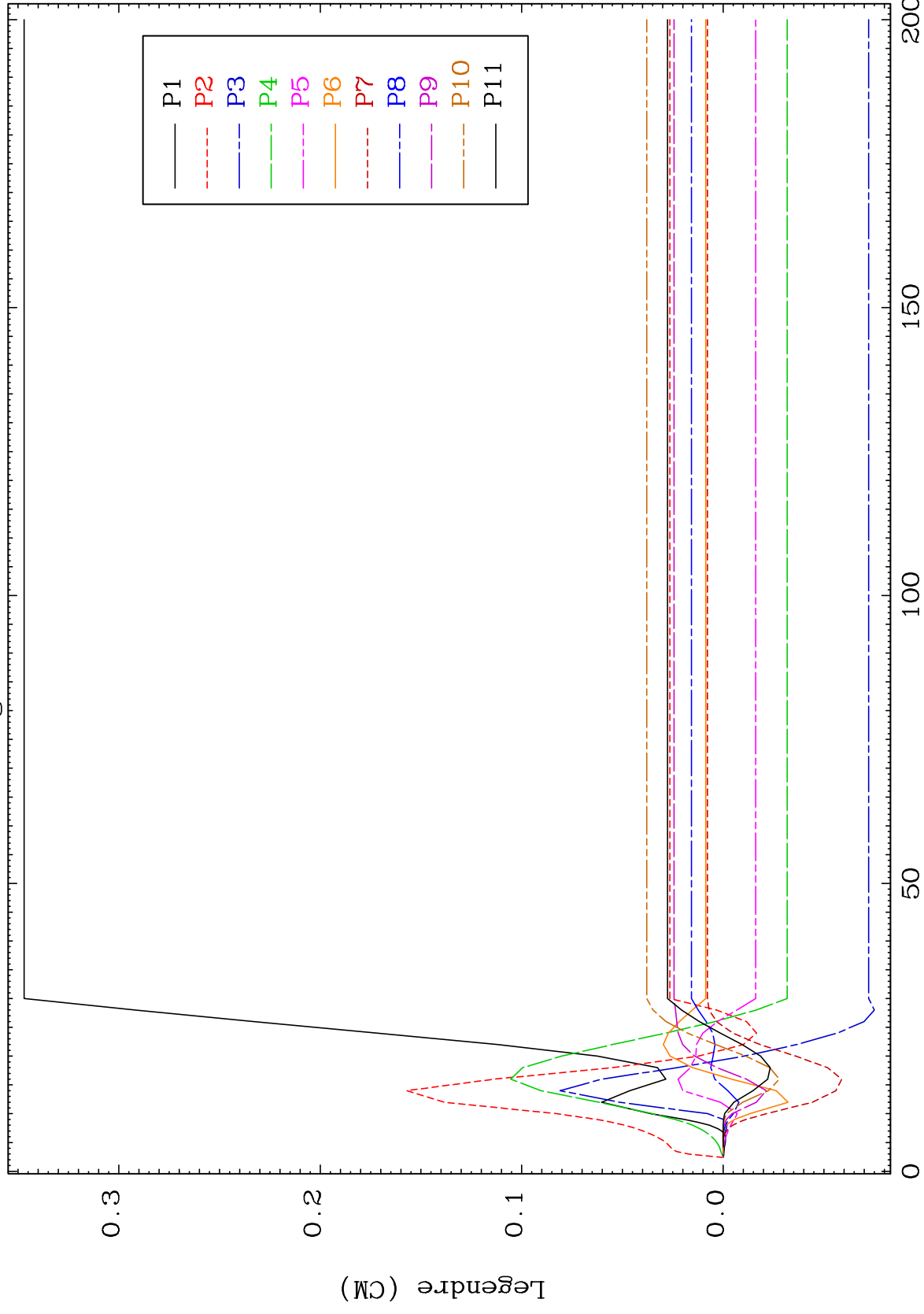




MAT 2531

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

25-Mn-57



83

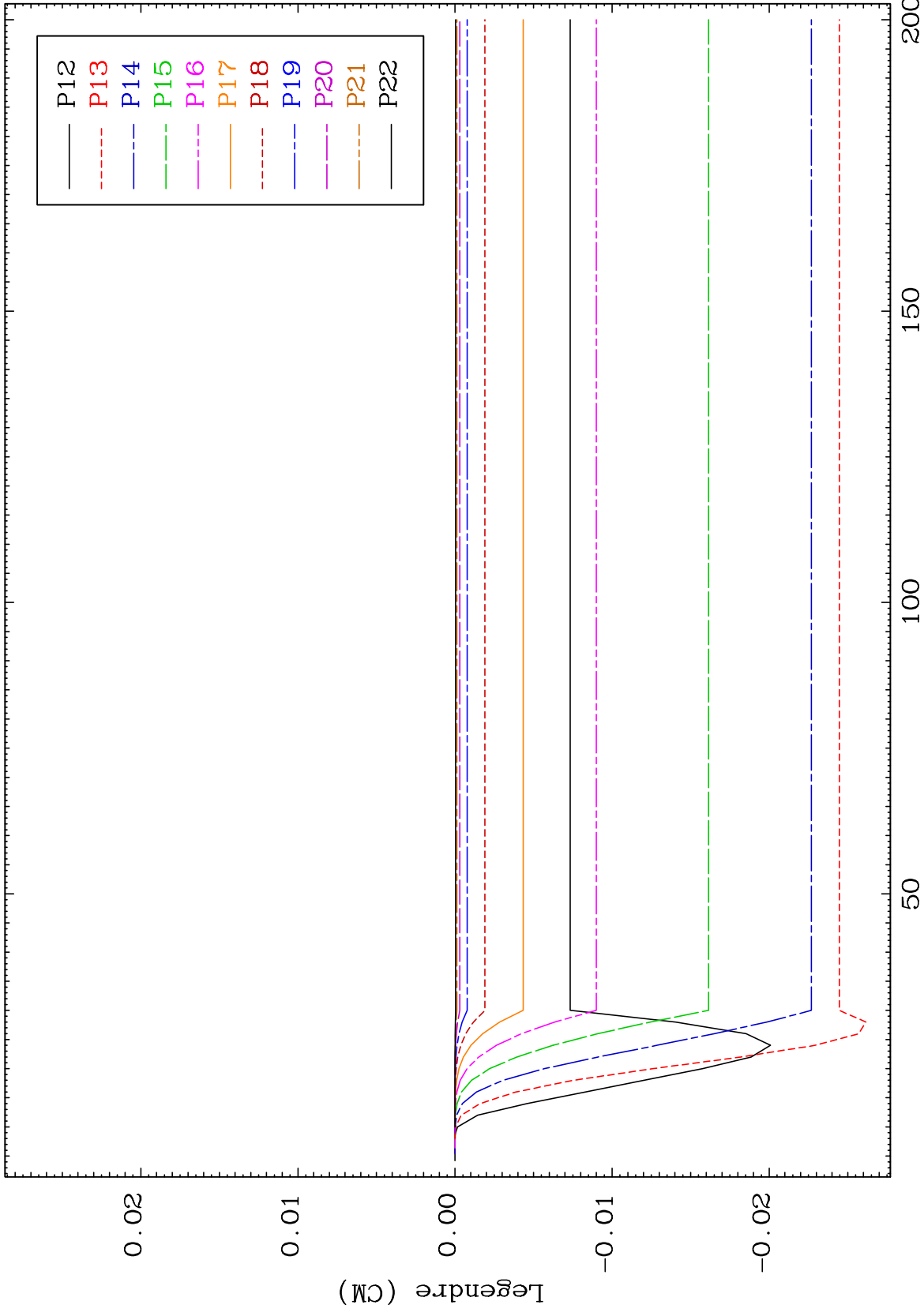
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

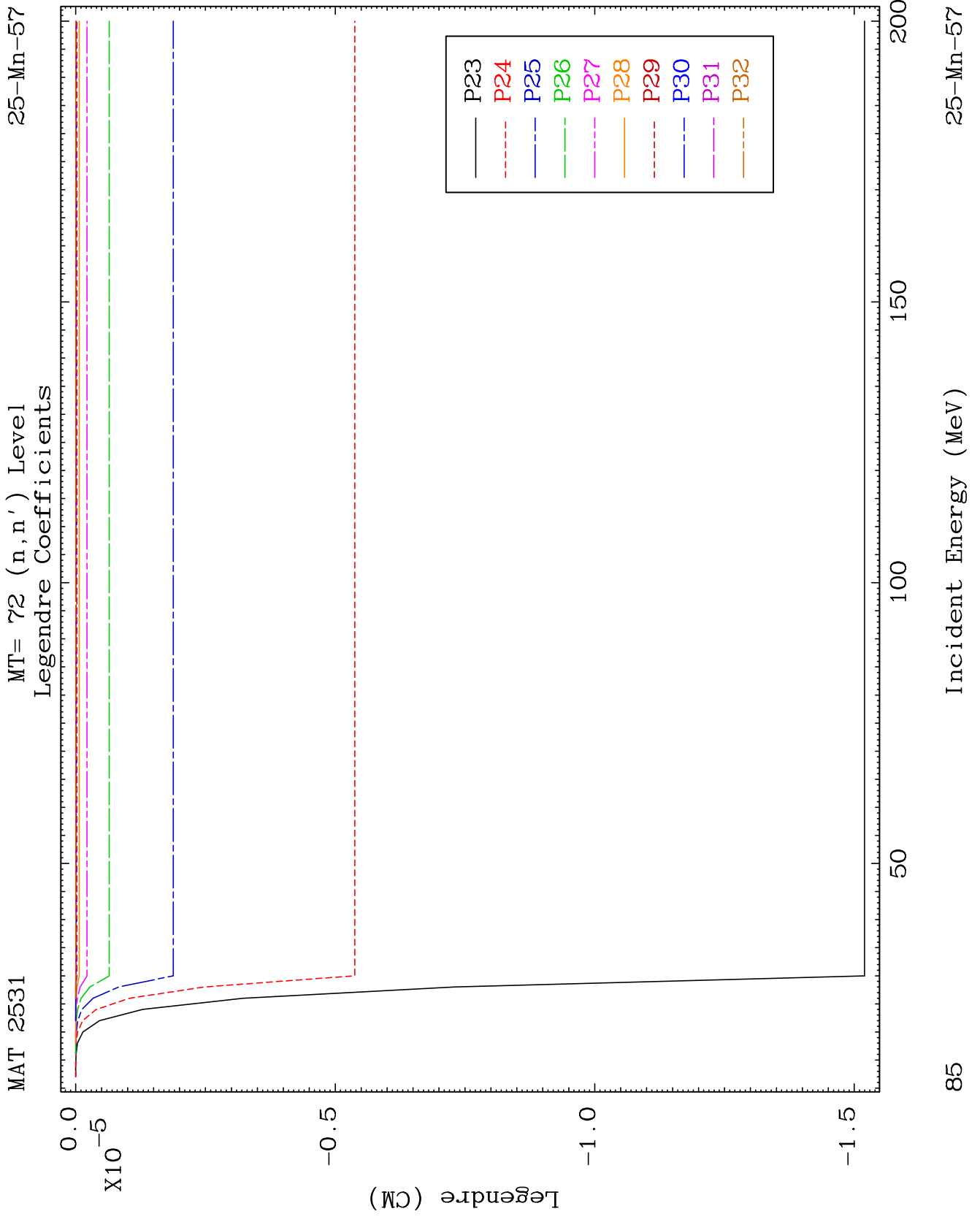
25-Mn-57

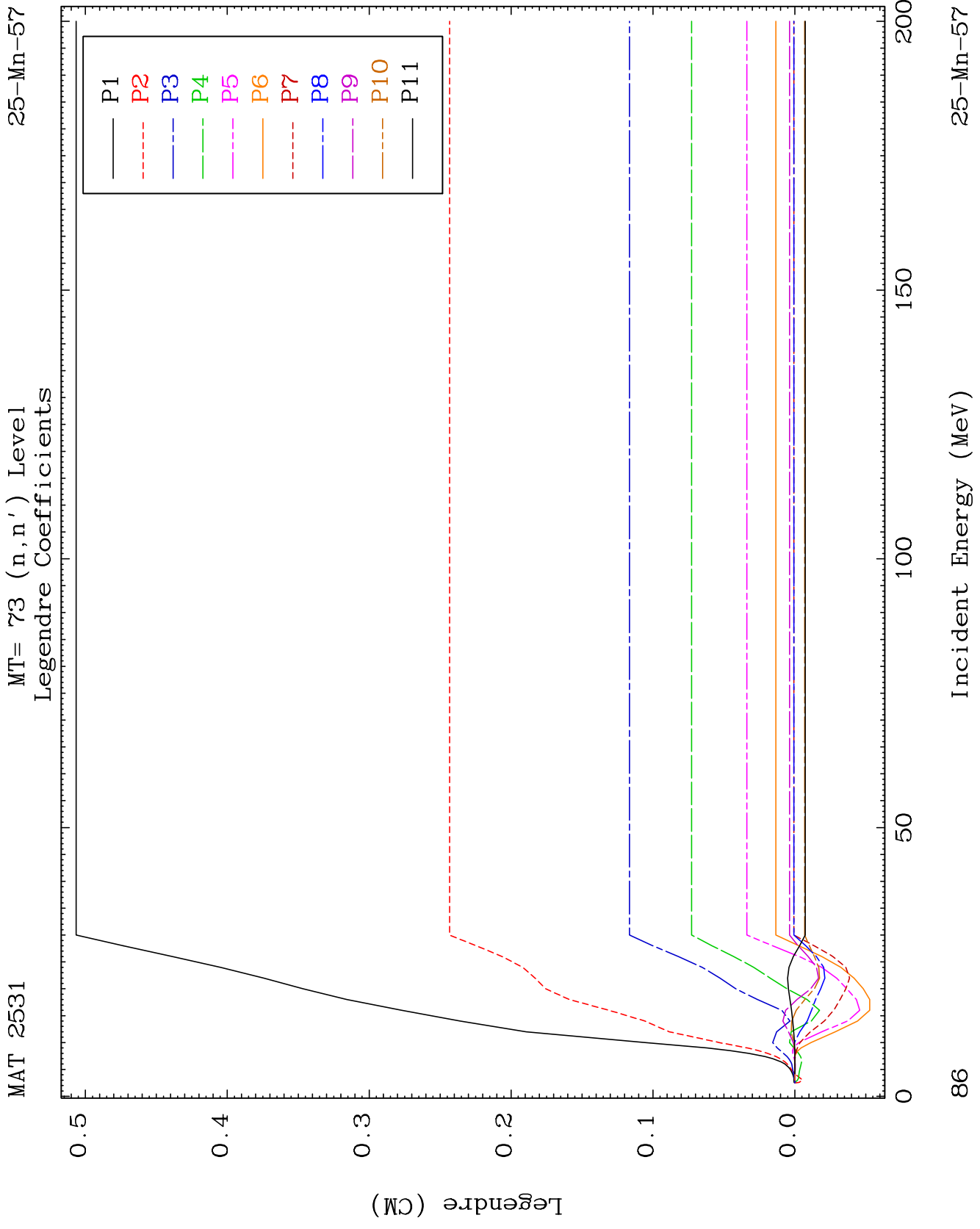


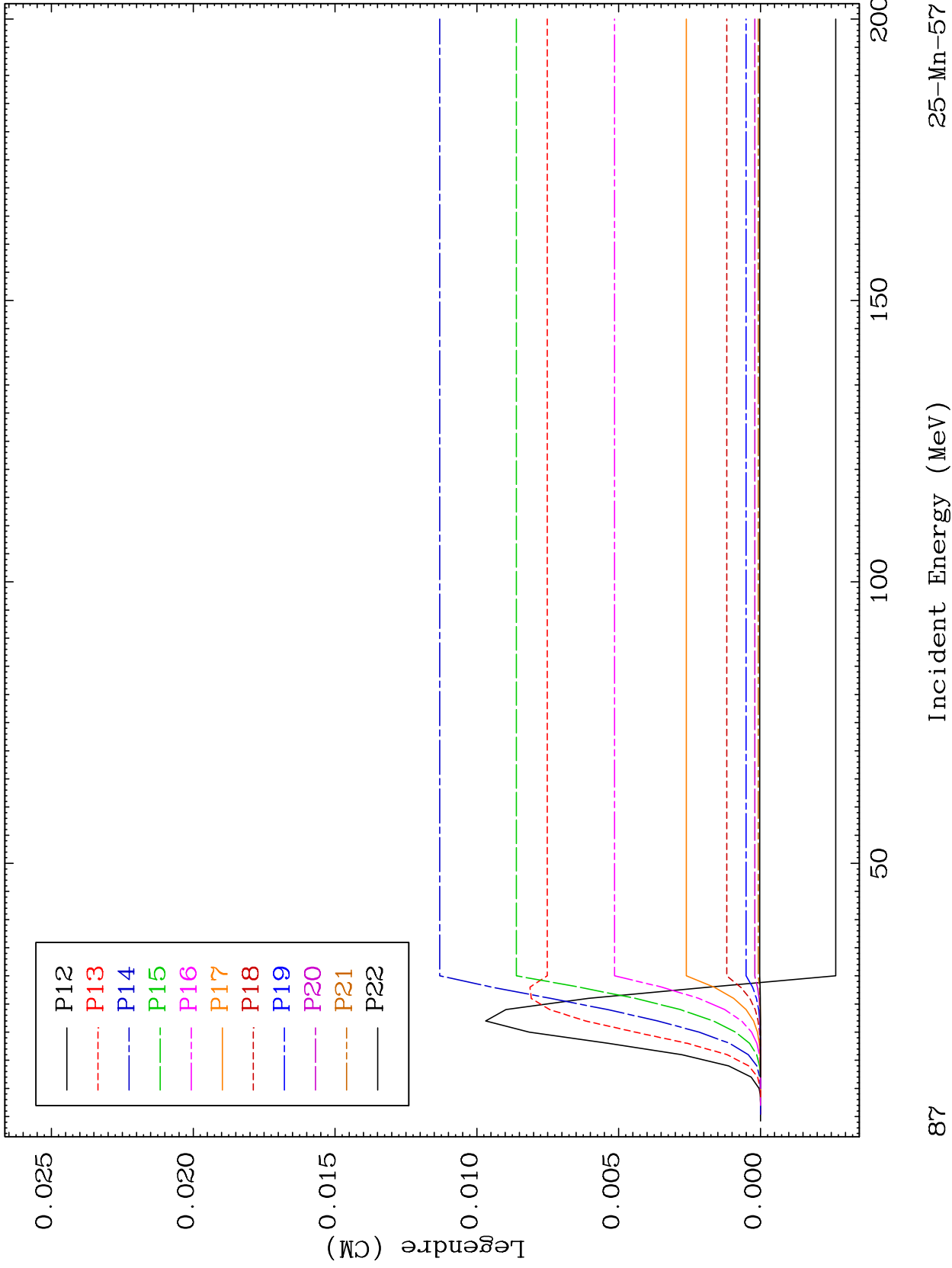
84

Incident Energy (MeV)

25-Mn-57



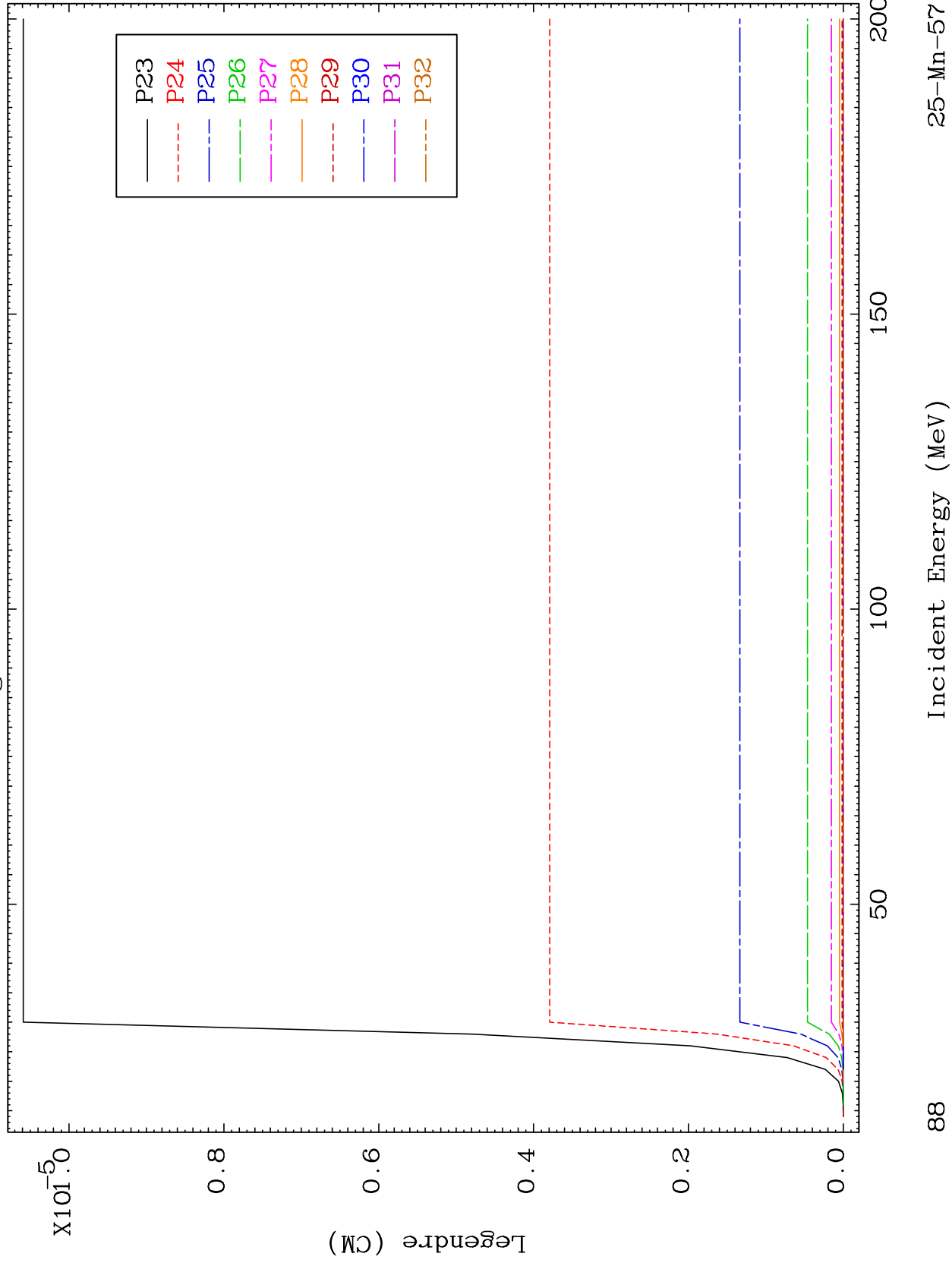




MAT 2531

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

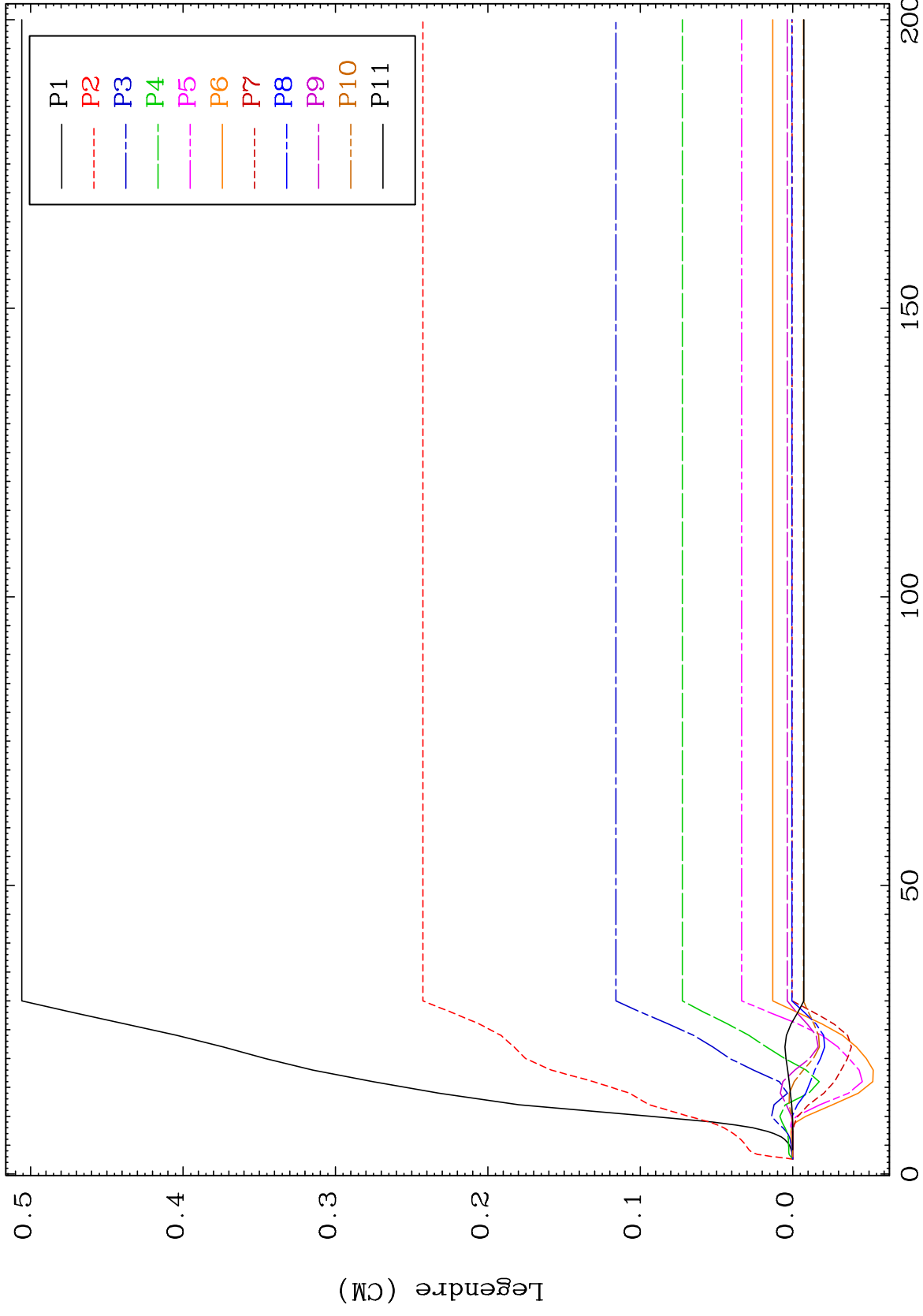
25-Mn-57



MAT 2531

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

25-Mn-57



89

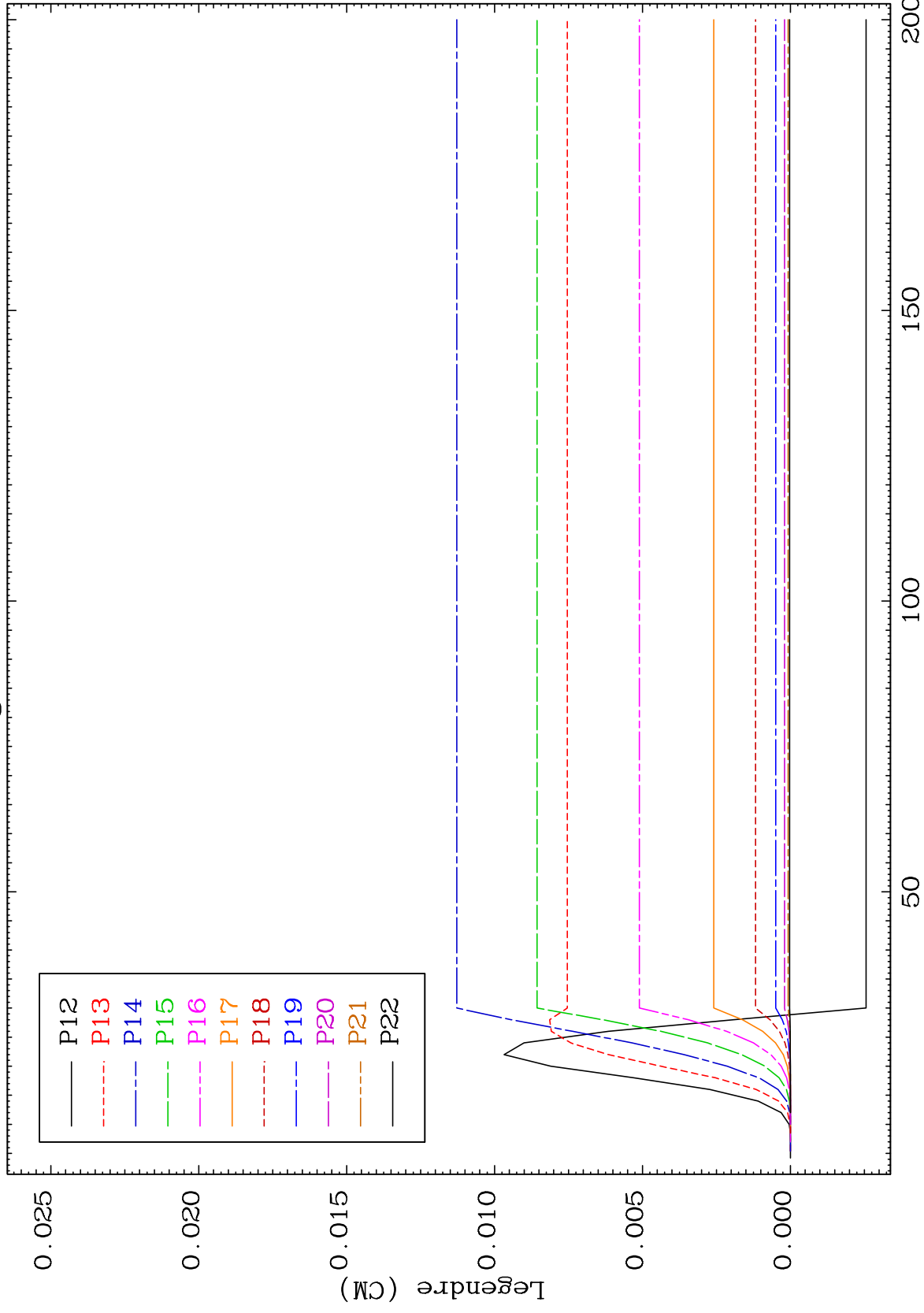
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



90

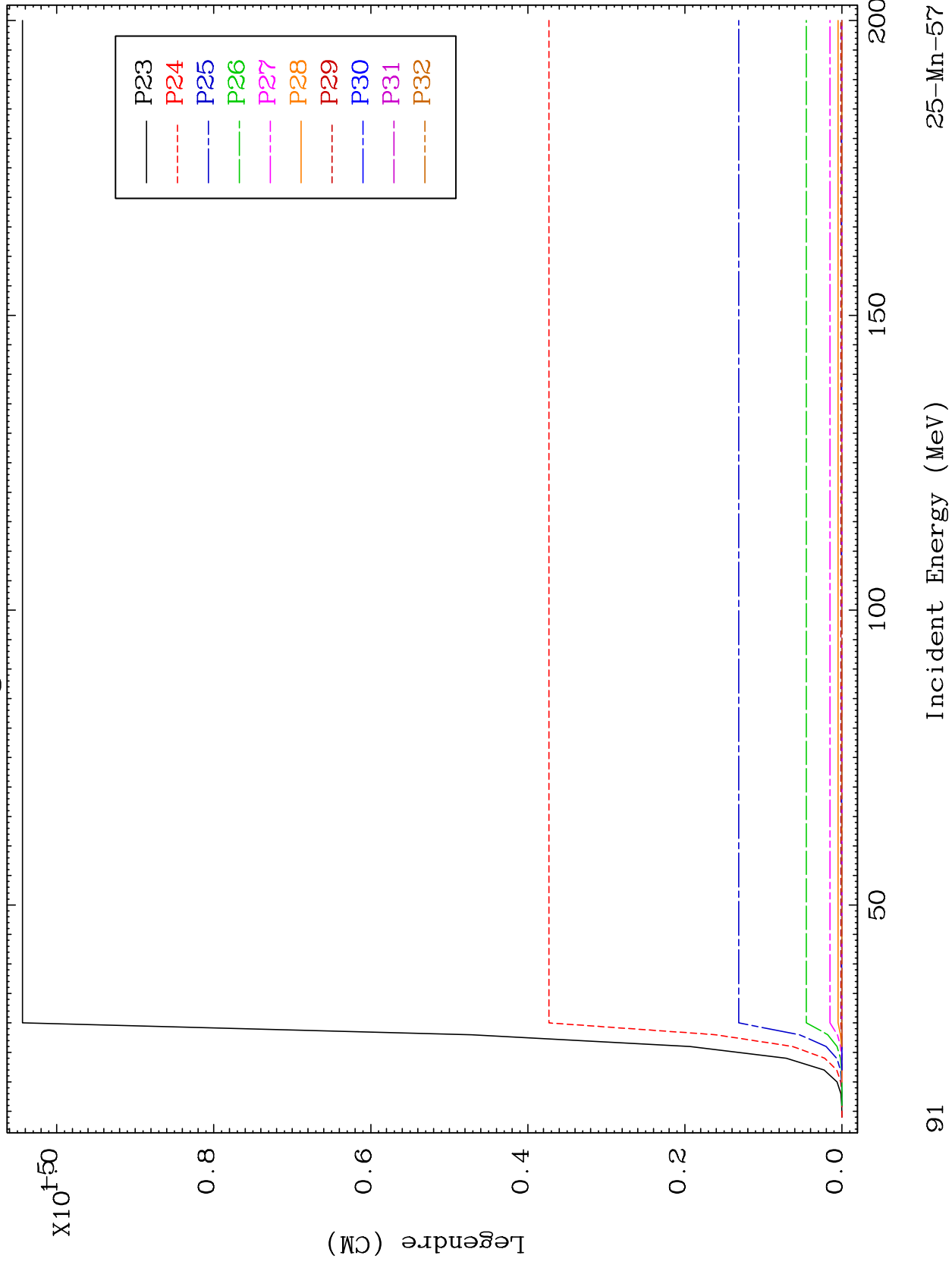
Incident Energy (MeV)

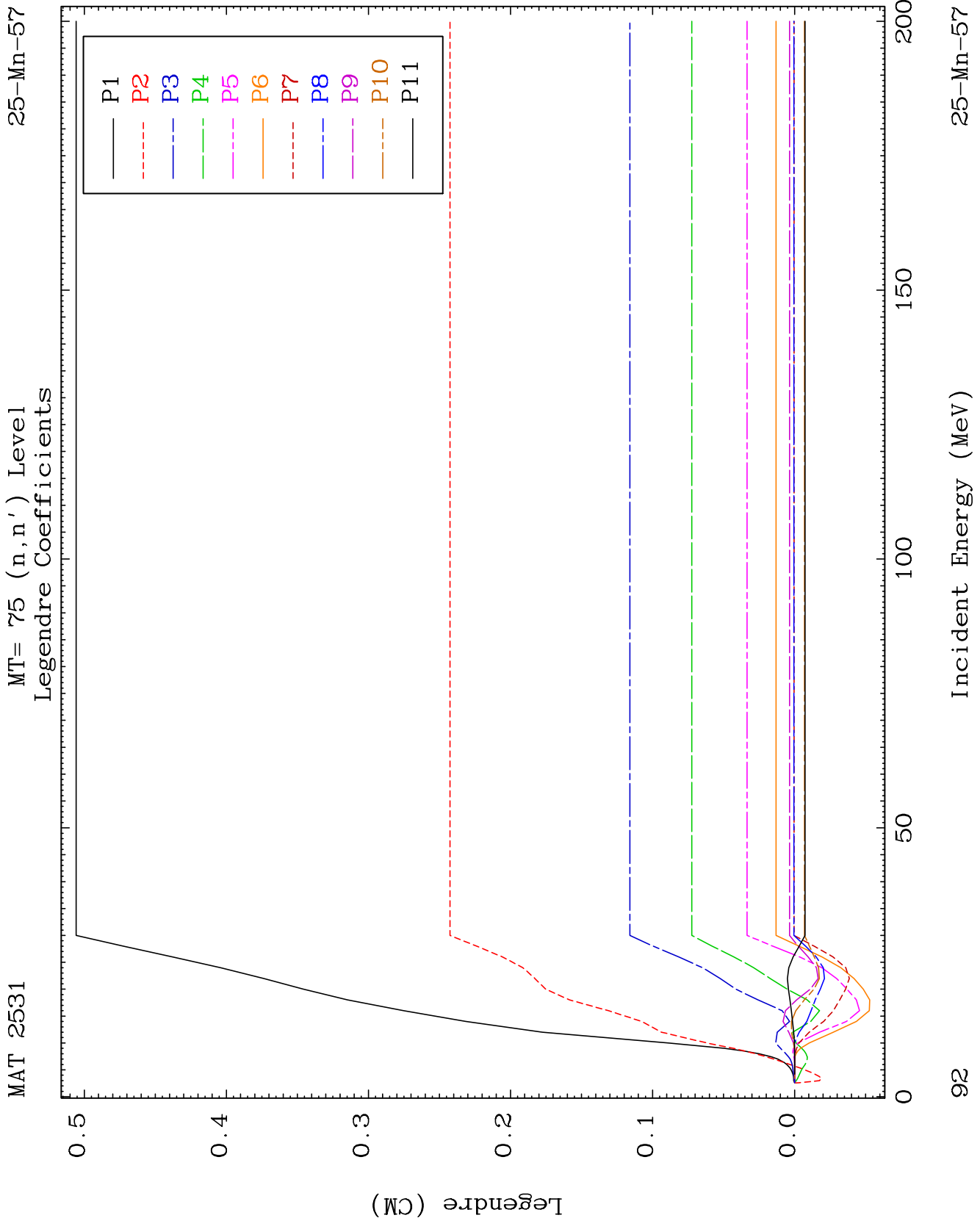
25-Mn-57

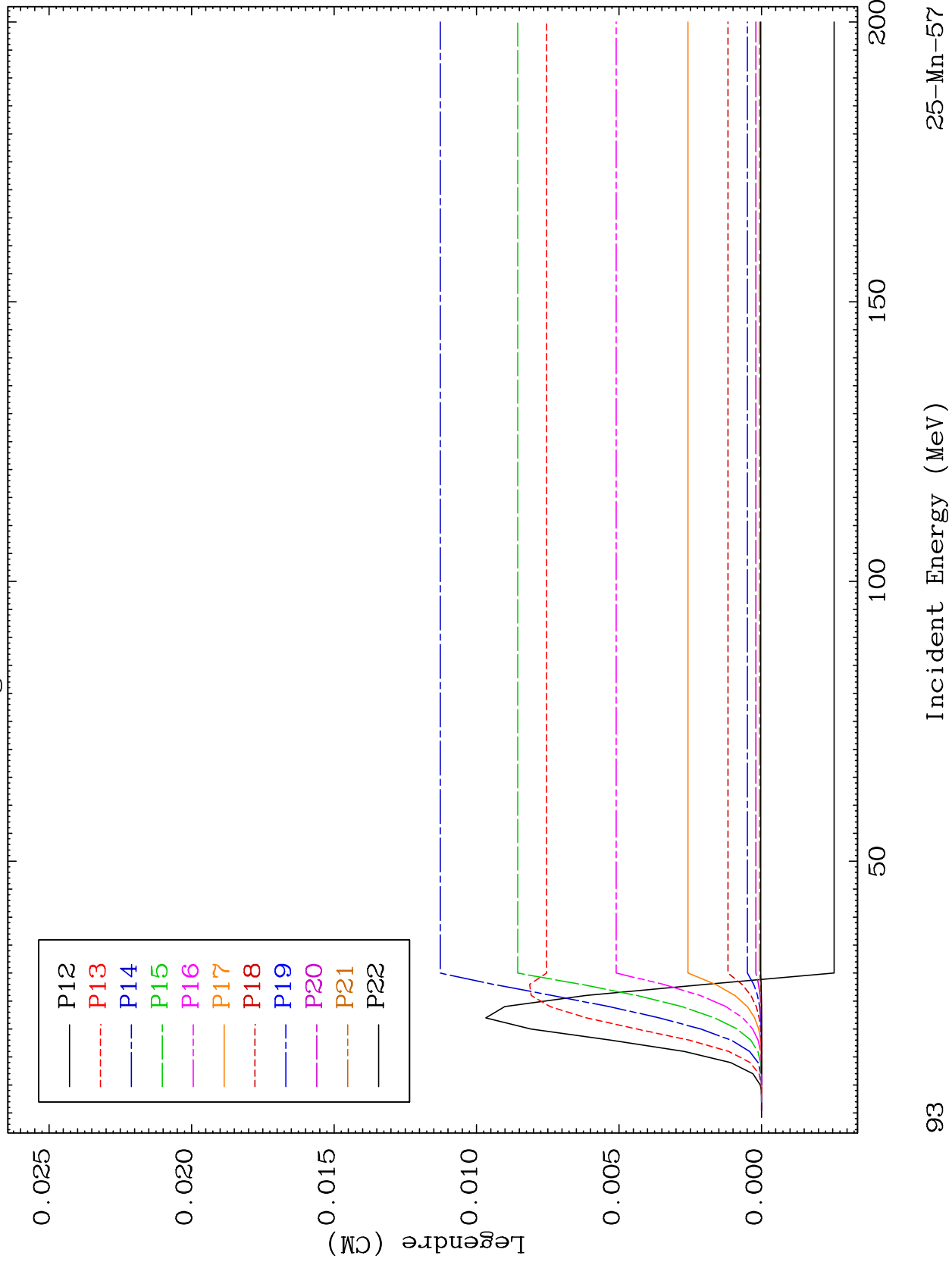
MAT 2531

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

25-Mn-57



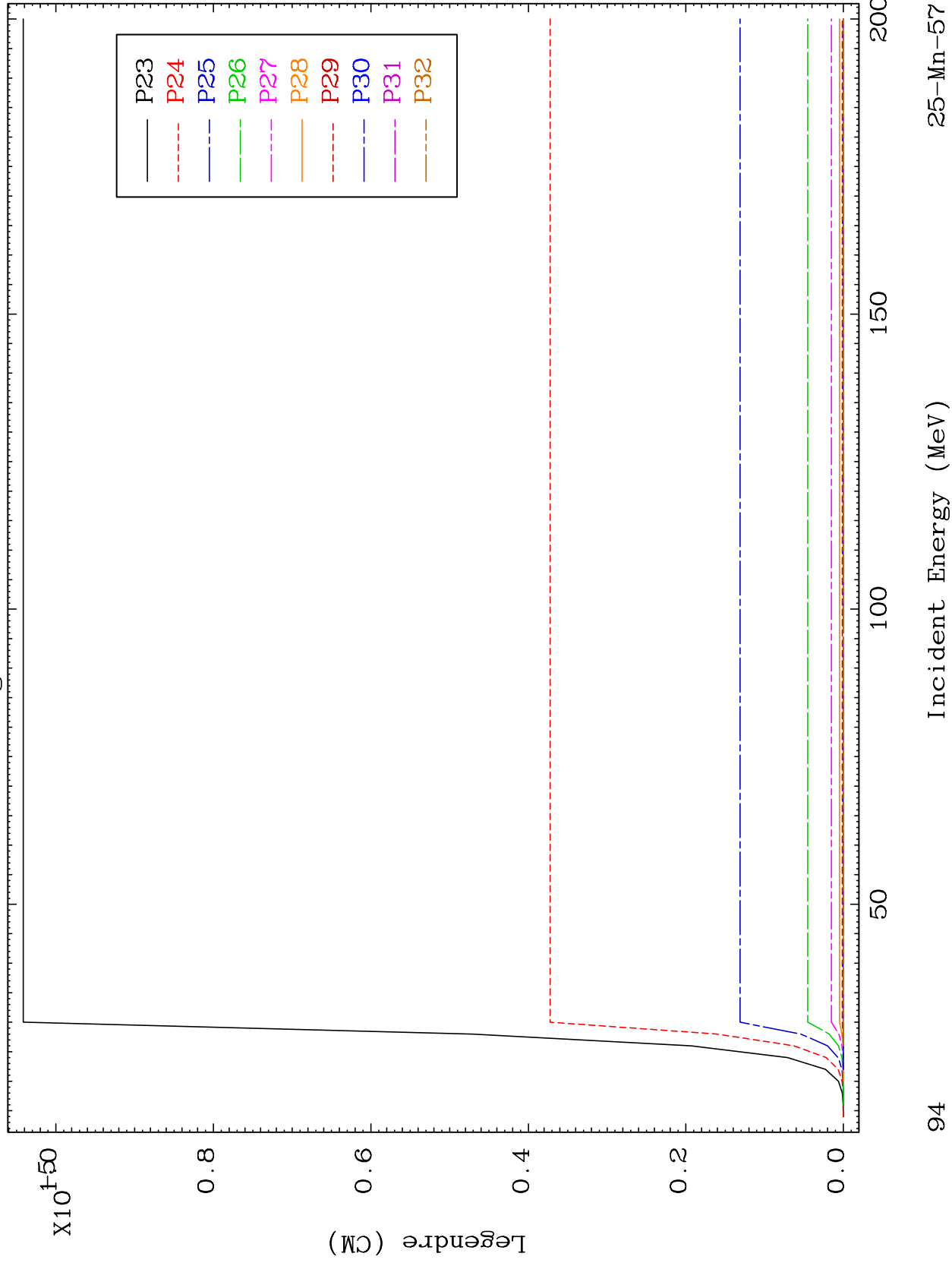


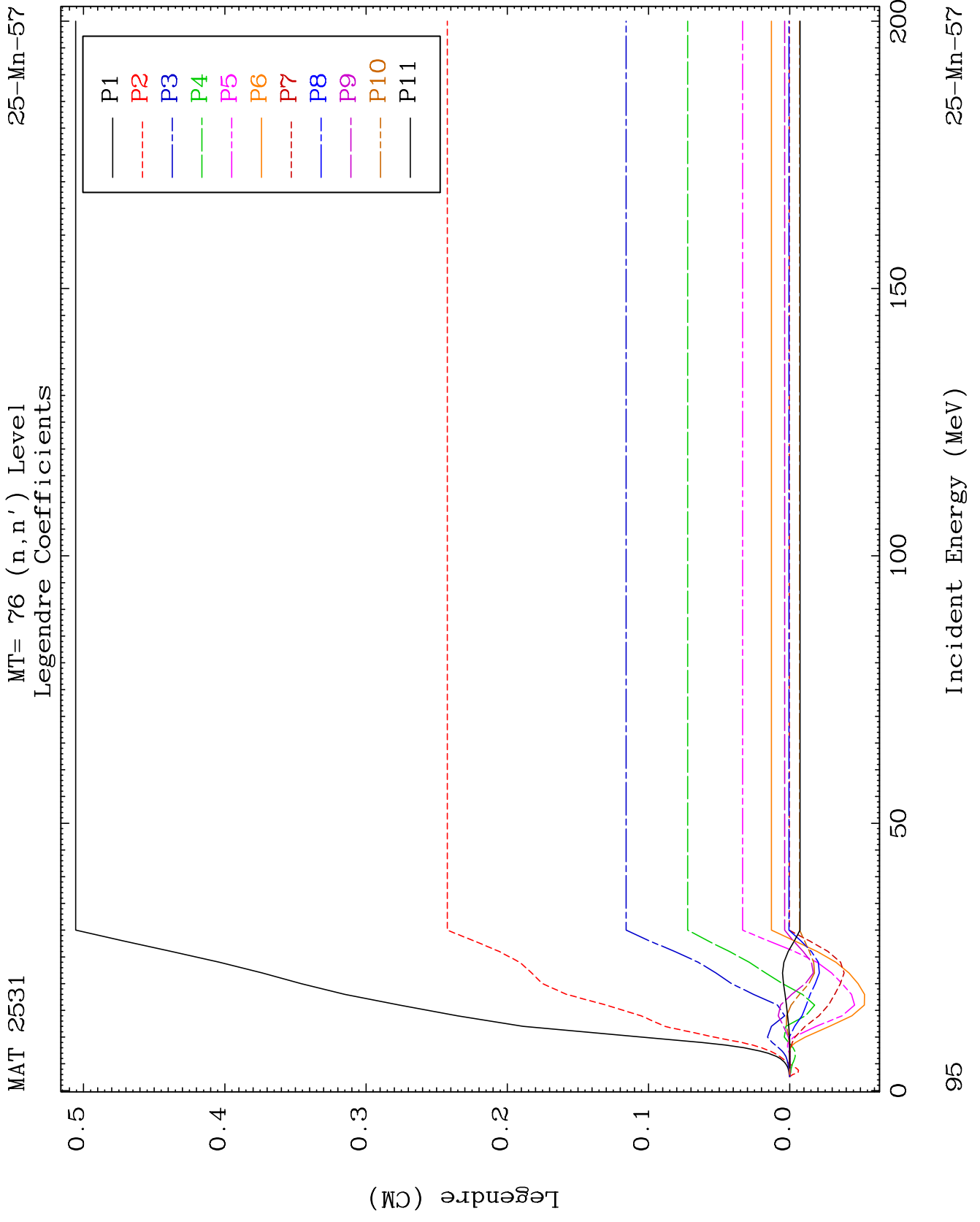


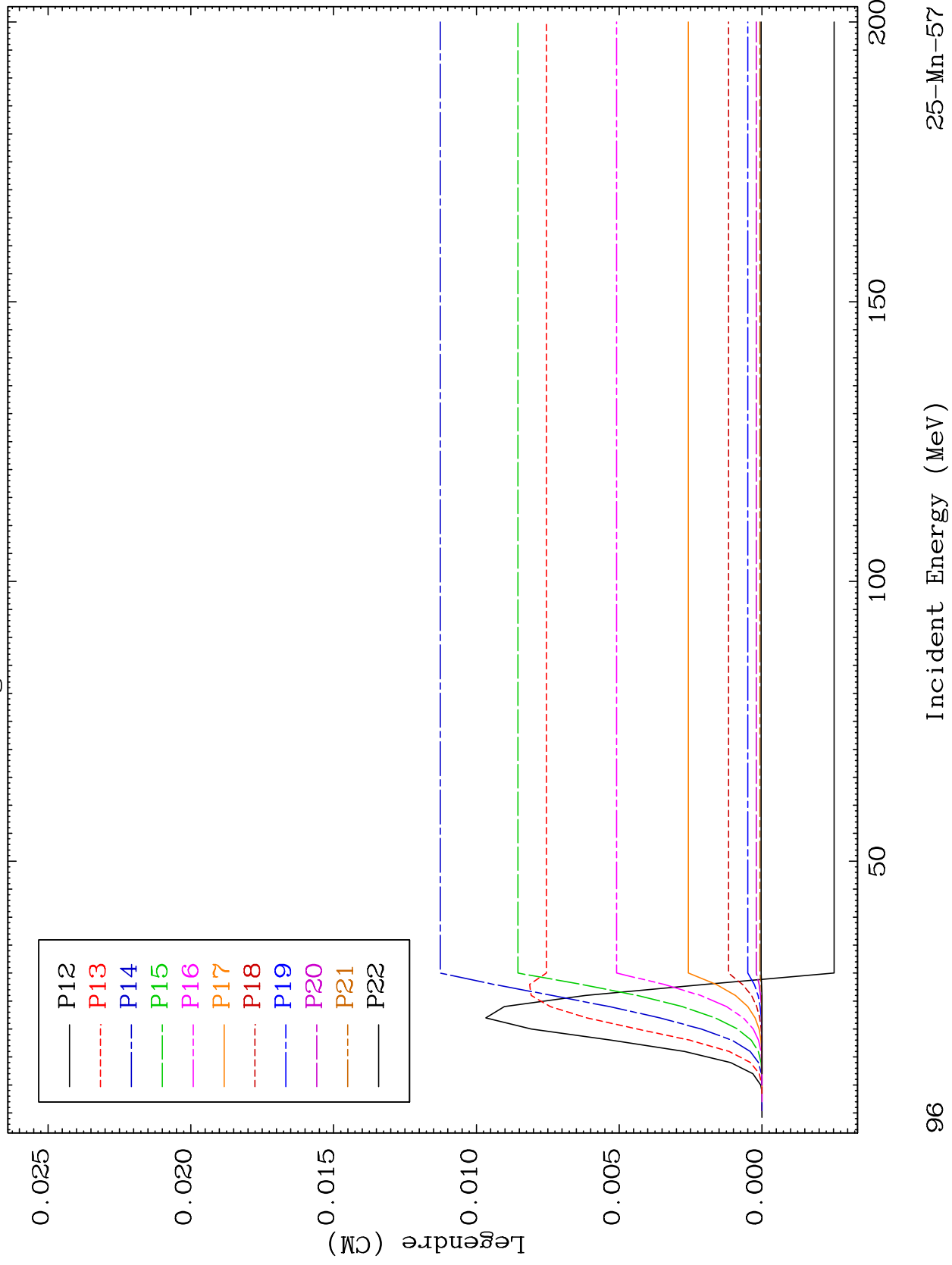
MAT 2531

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

25-Mn-57



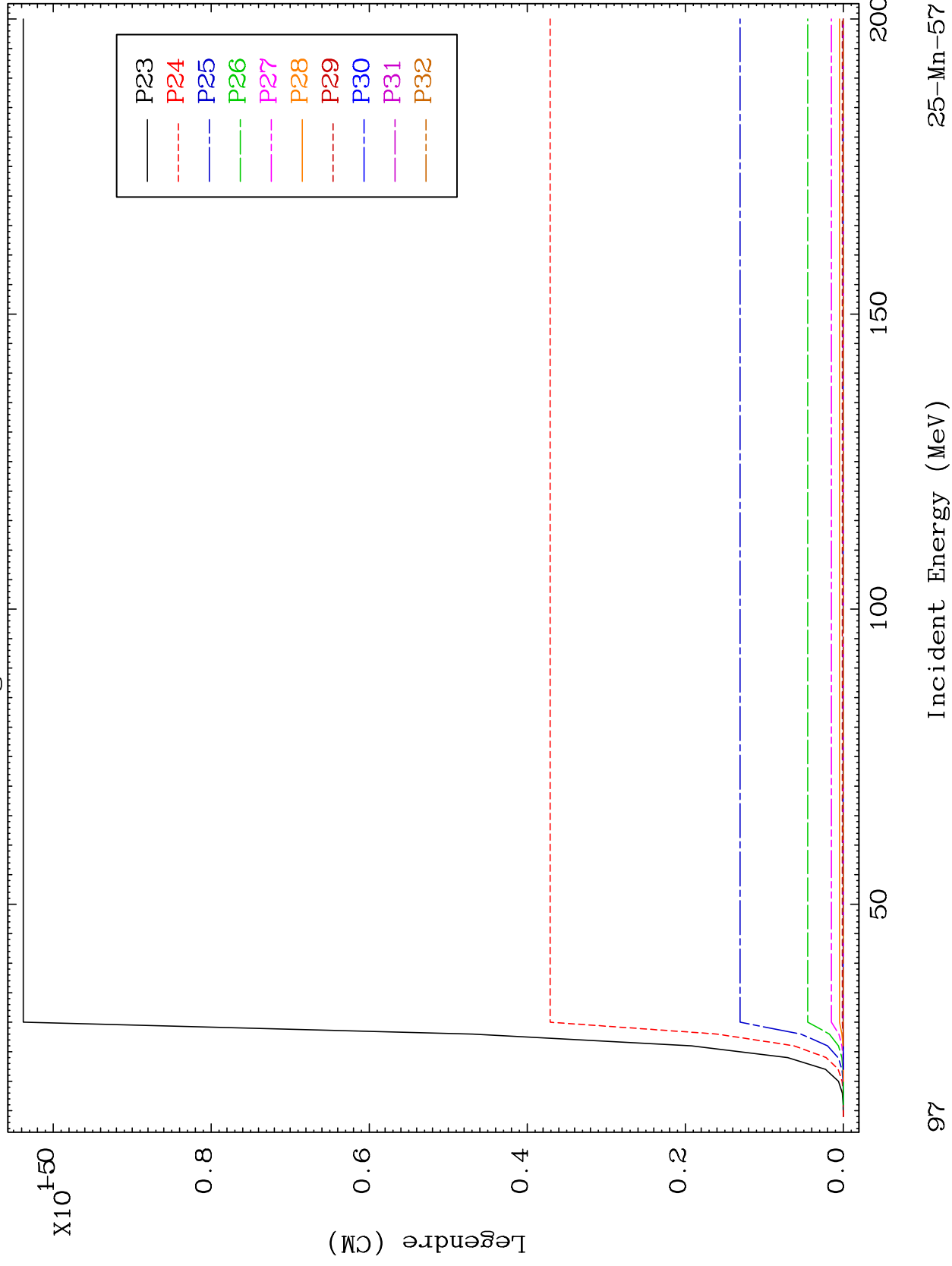




MAT 2531

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

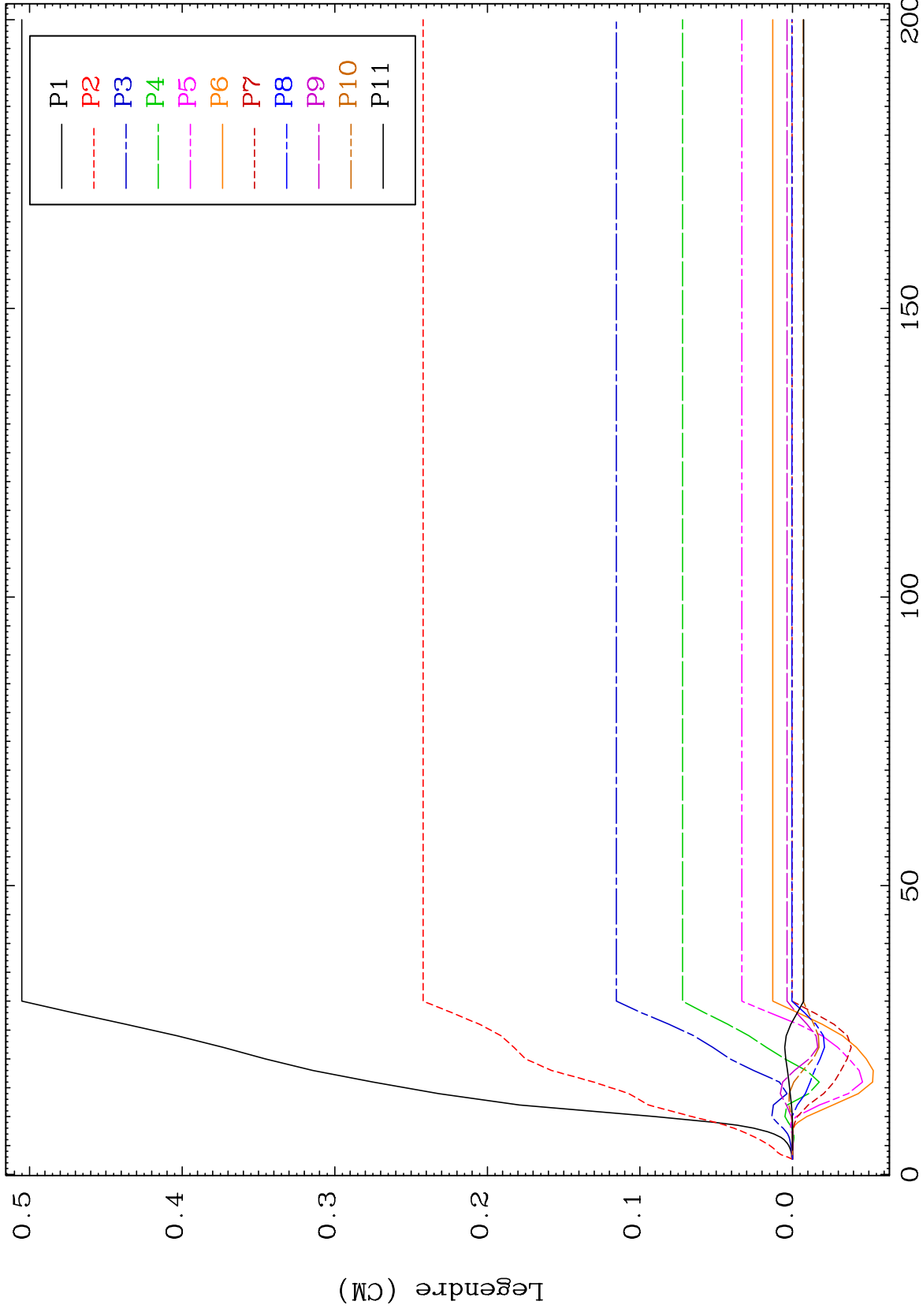
25-Mn-57



MAT 2531

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

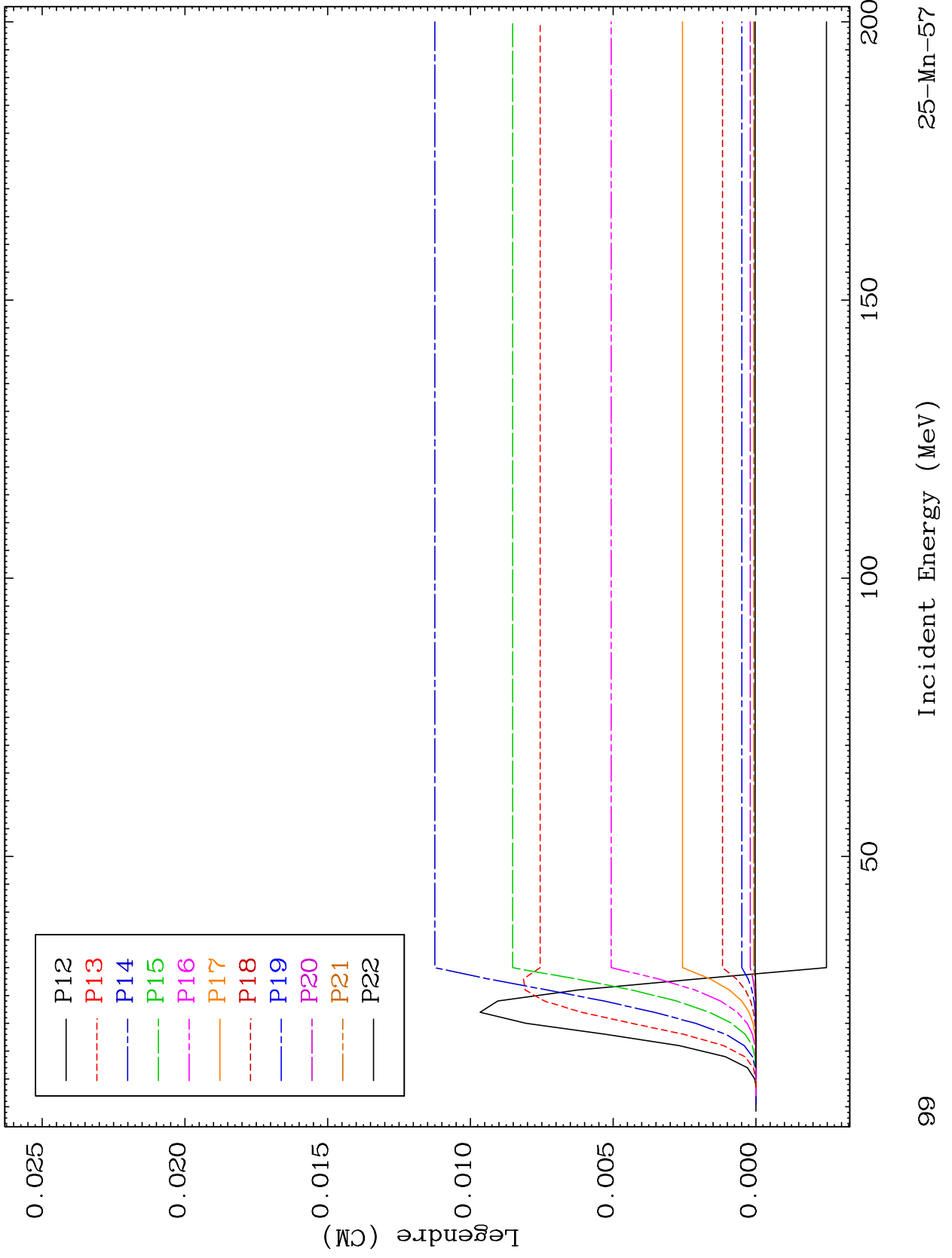
25-Mn-57

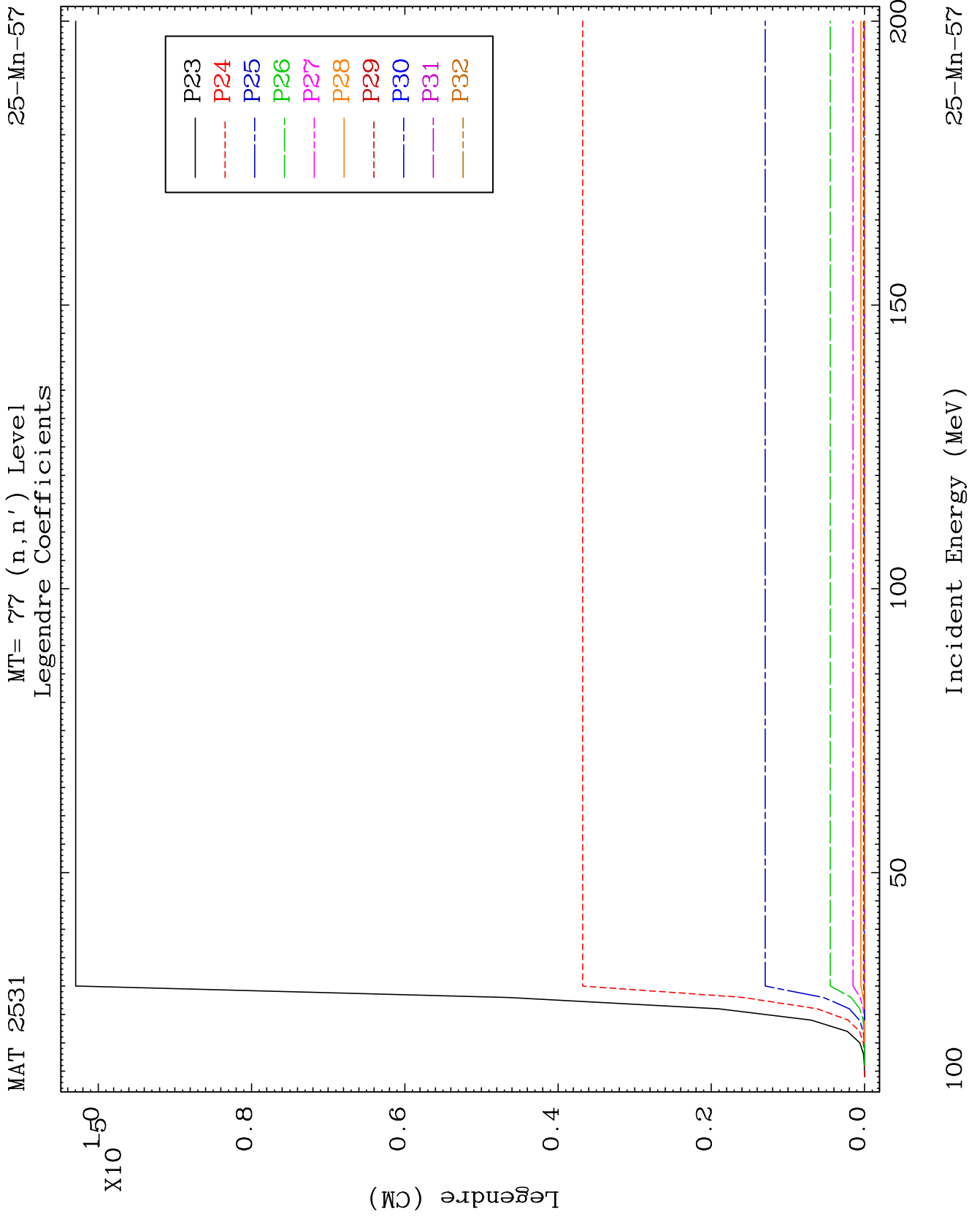


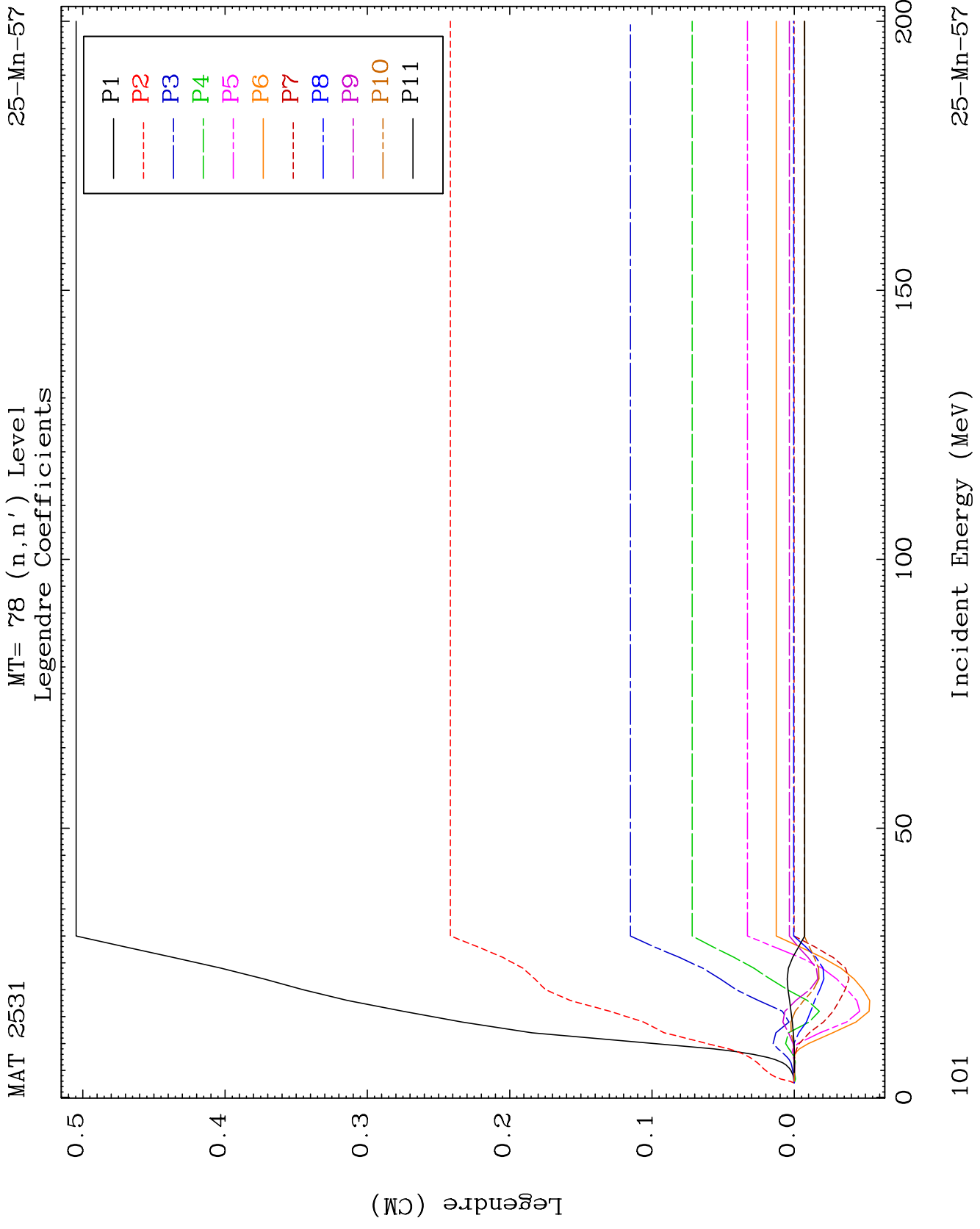
98

Incident Energy (MeV)

25-Mn-57



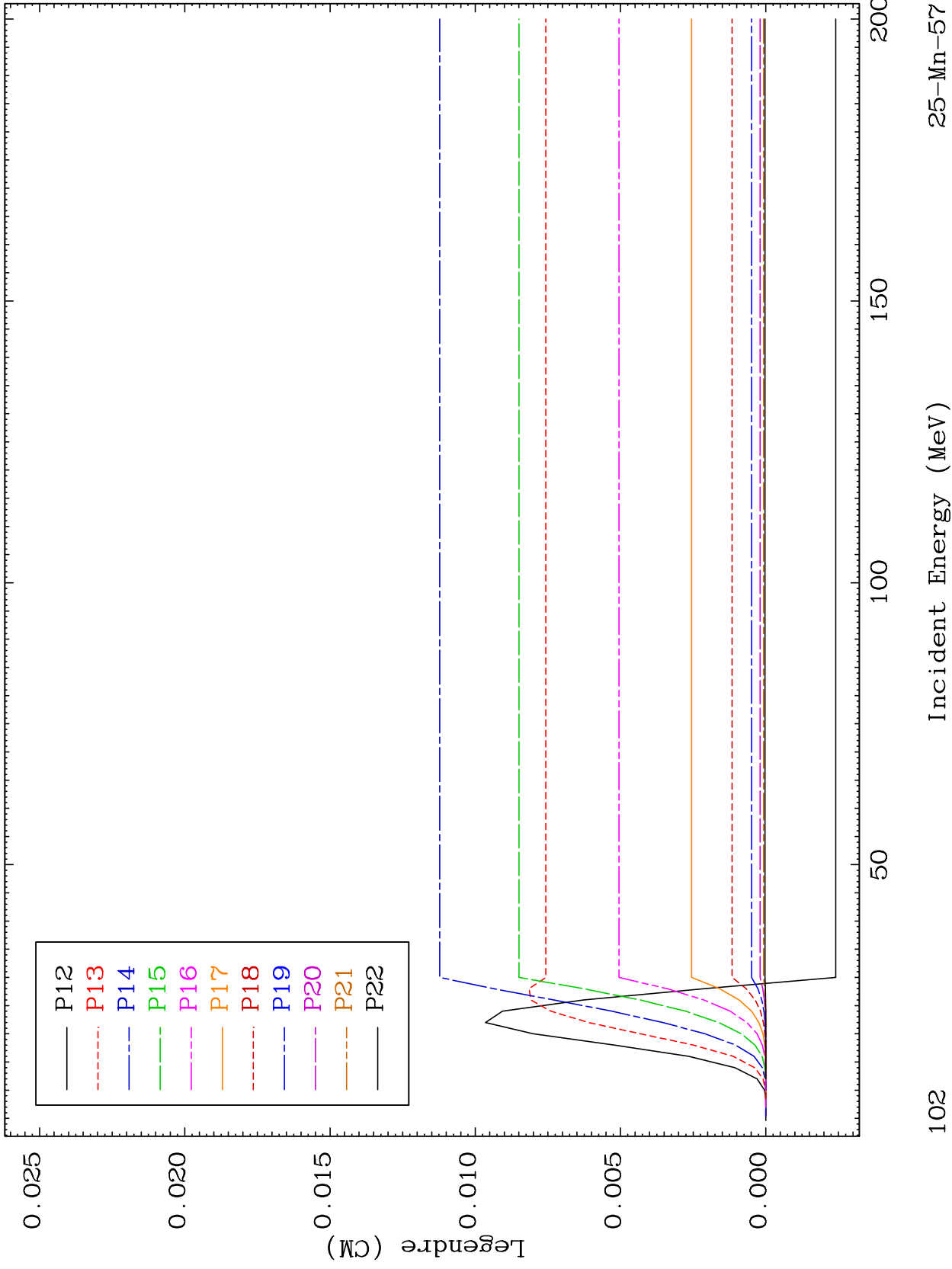




MAT 2531

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

25-Mn-57

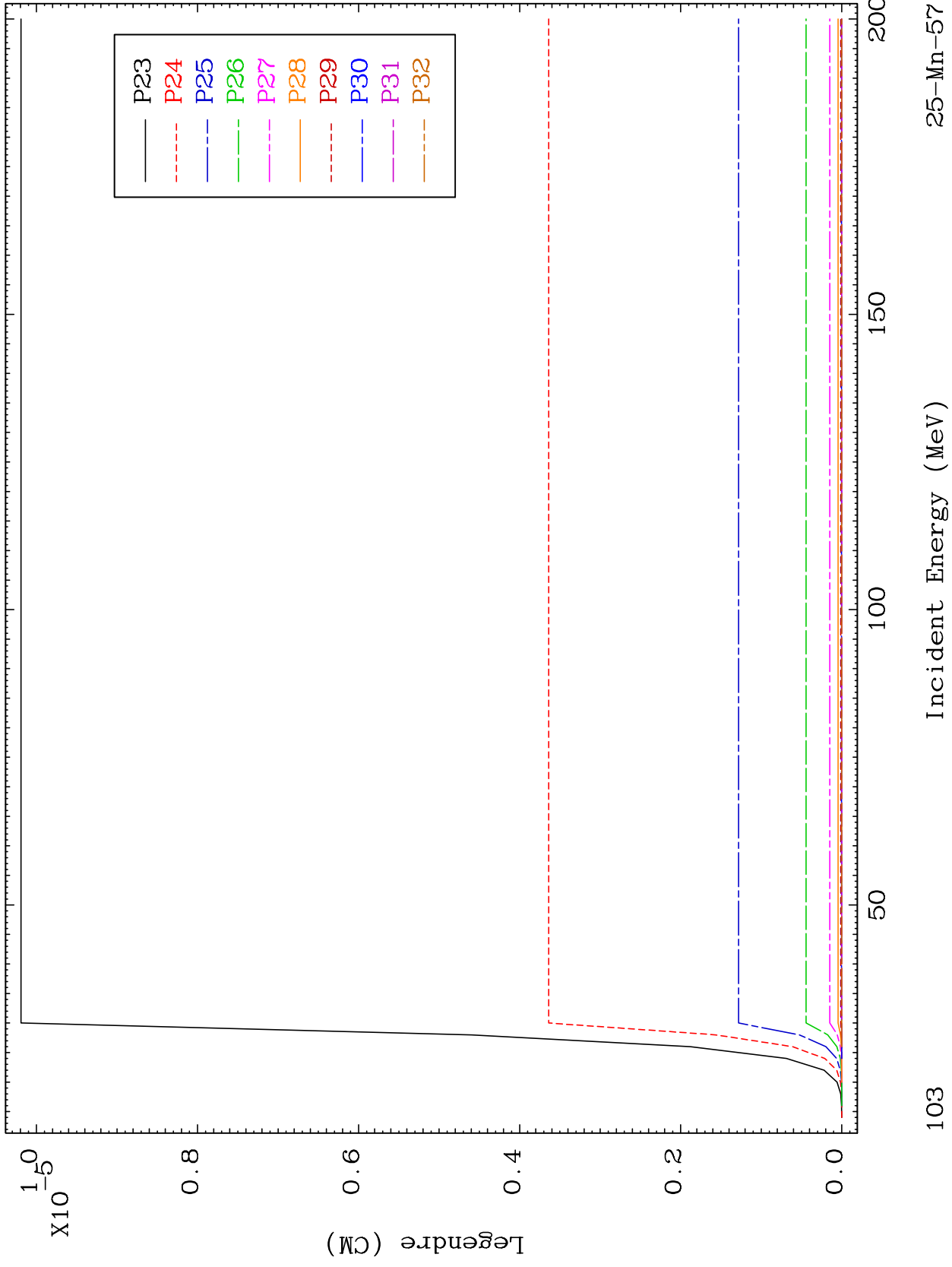


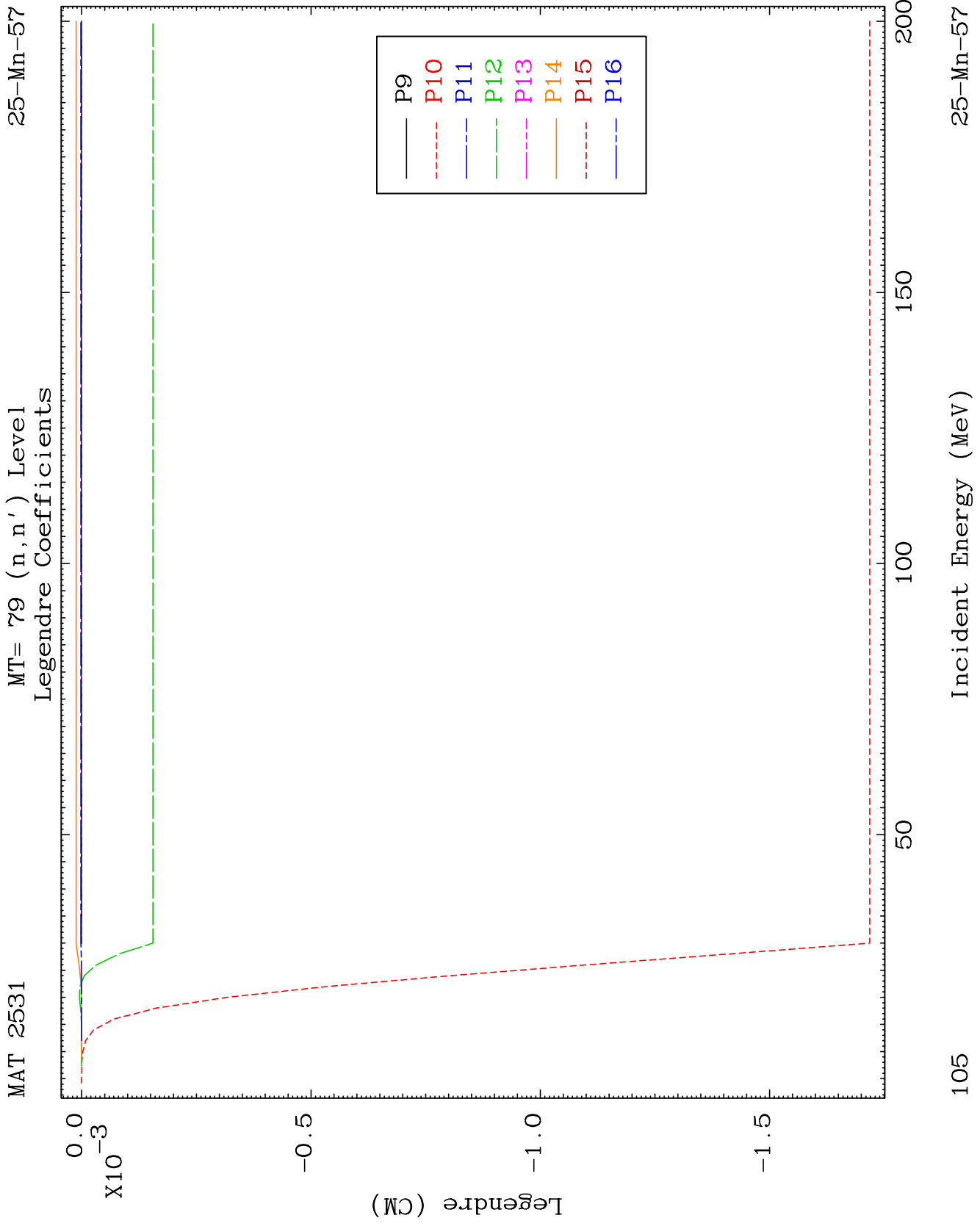
102

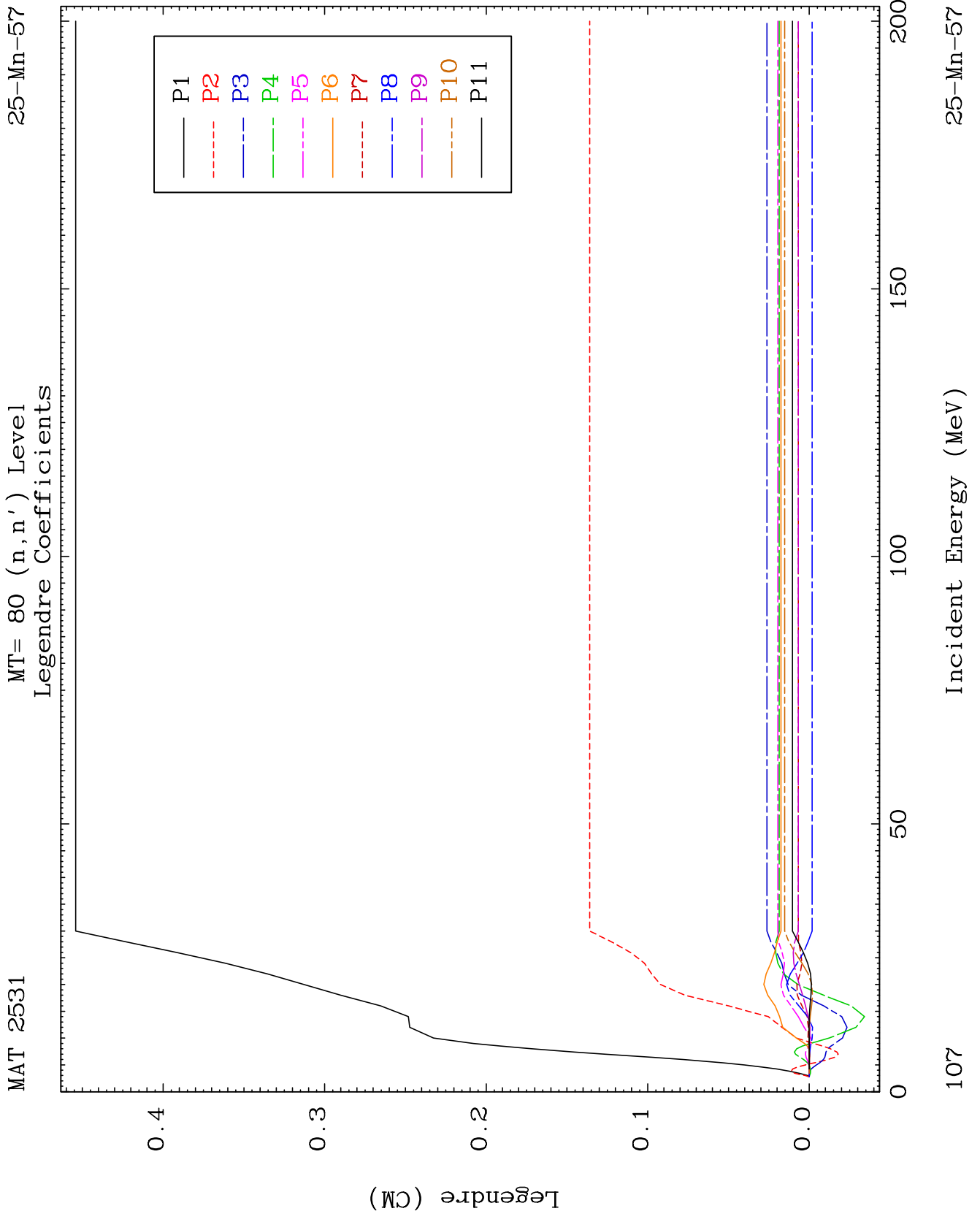
MAT 2531

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

25-Mn-57



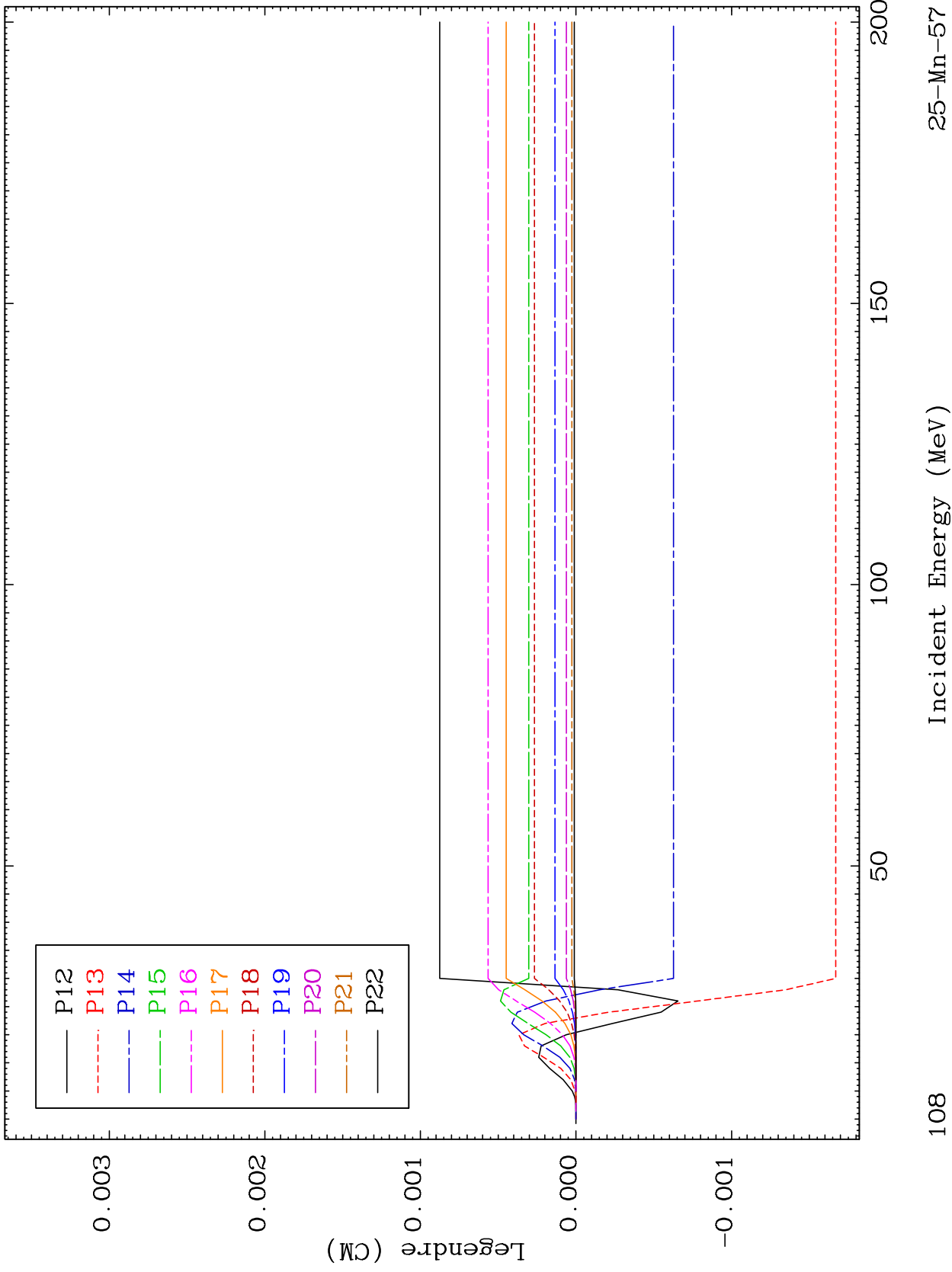




MAT 2531

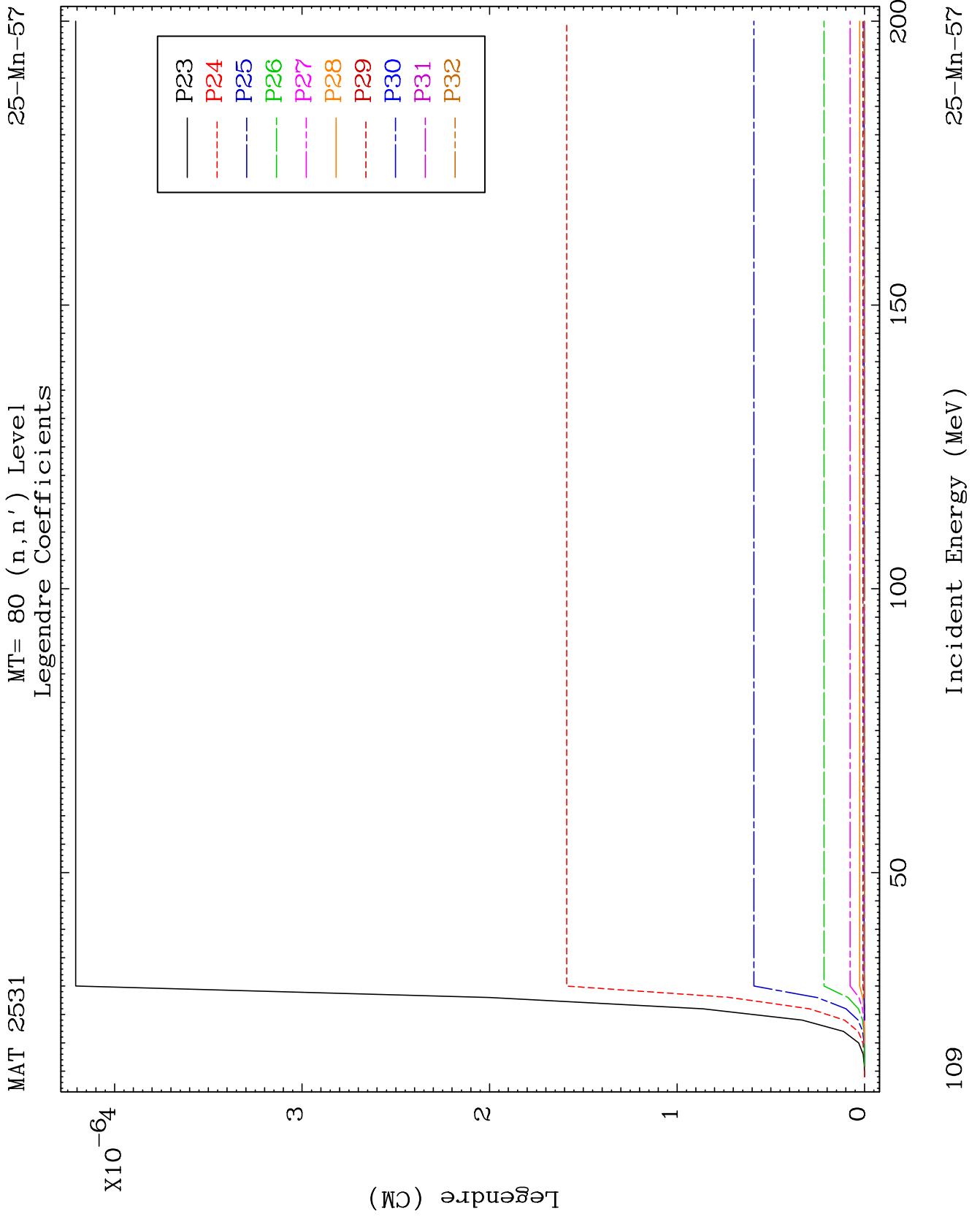
MT= 80 (n,n') Level
Legendre Coefficients

25-Mn-57



108

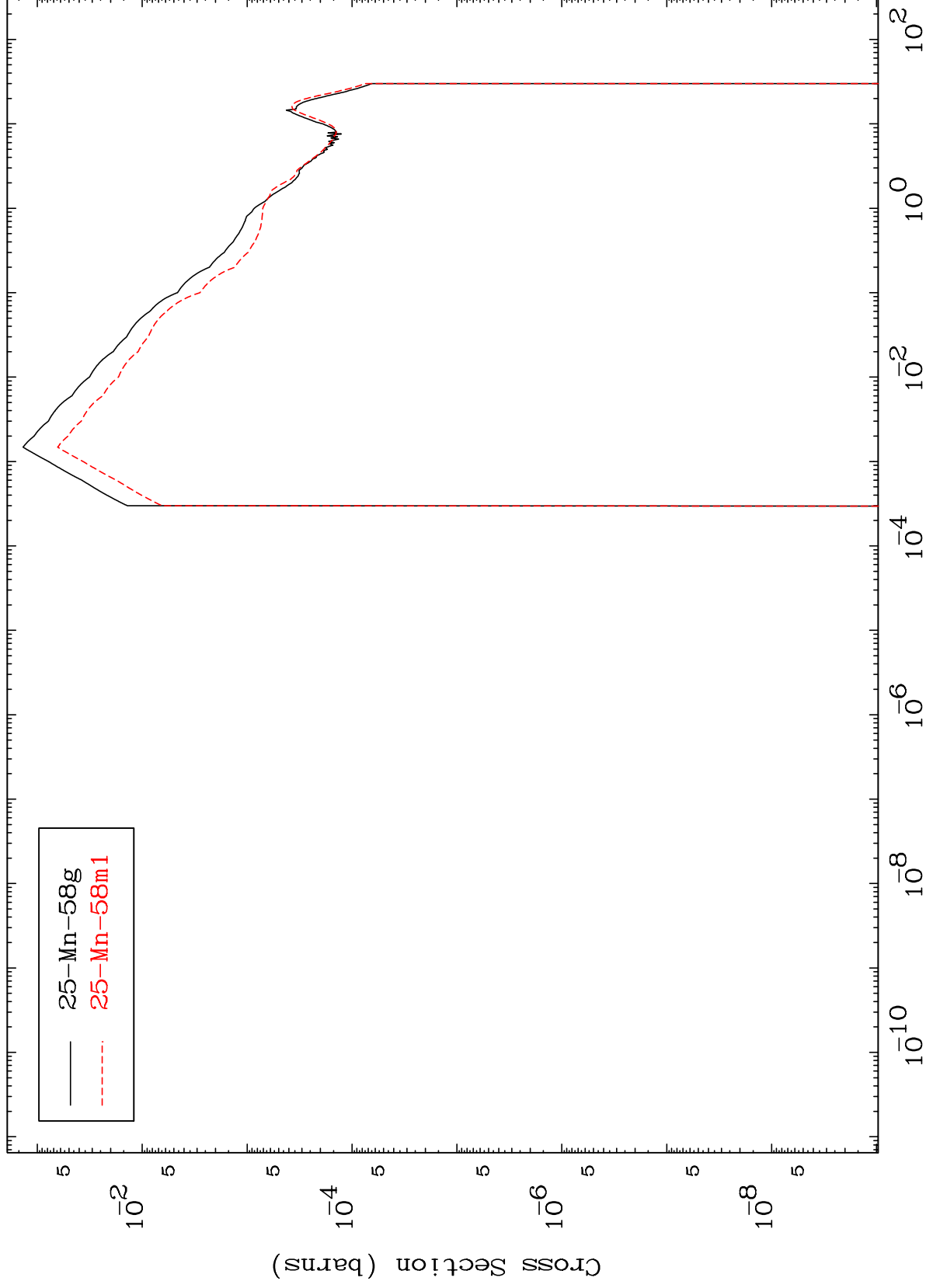
25-Mn-57



MAT 2531

25-Mn-57

(n,γ)
Radionuclide Production Cross Section



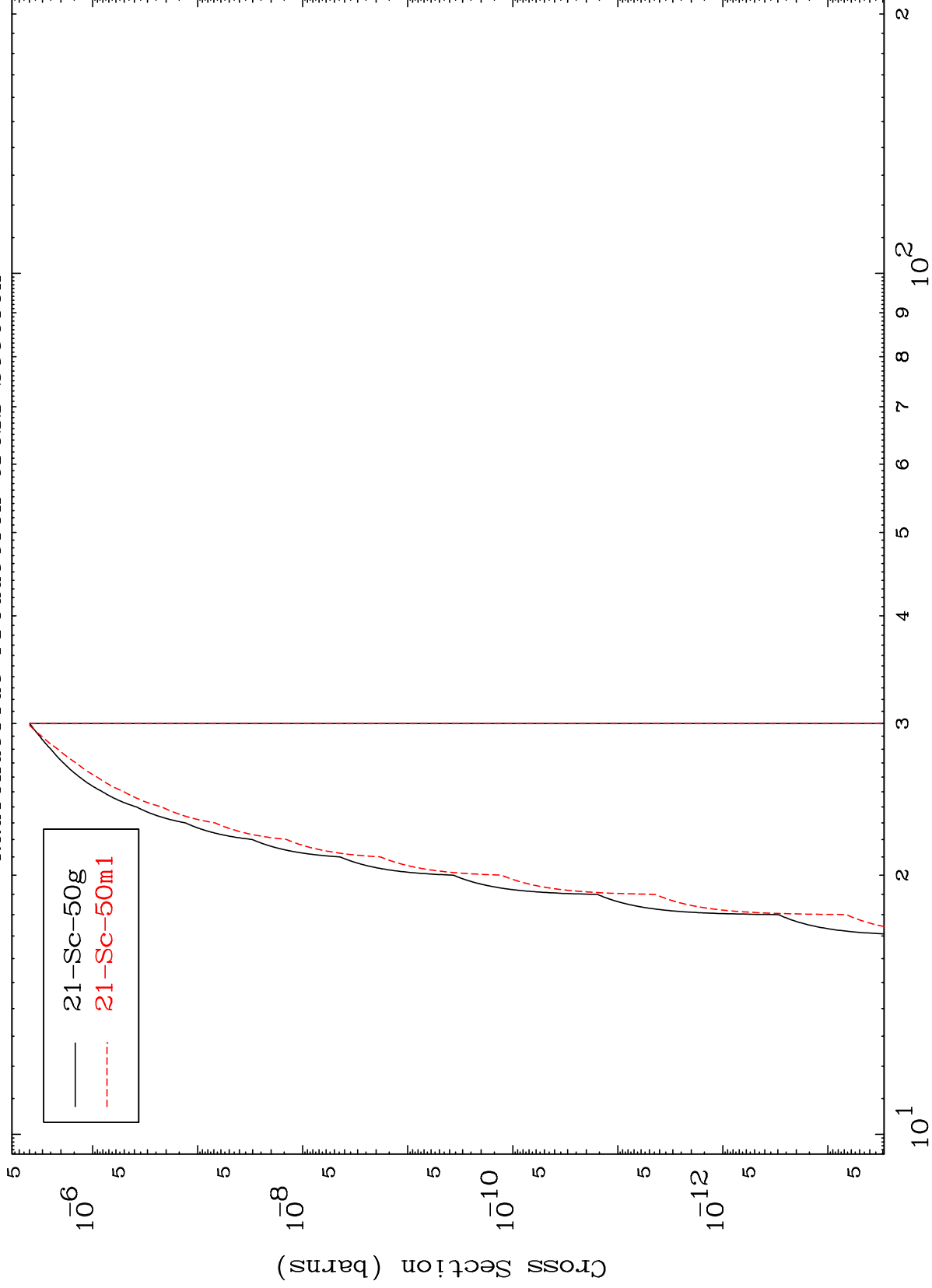
— 25-Mn-58g
- - - 25-Mn-58m1

MAT 2531

(n,2α)

25-Mn-57

Radionuclide Production Cross Section



Incident Energy (MeV)

25-Mn-57

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