

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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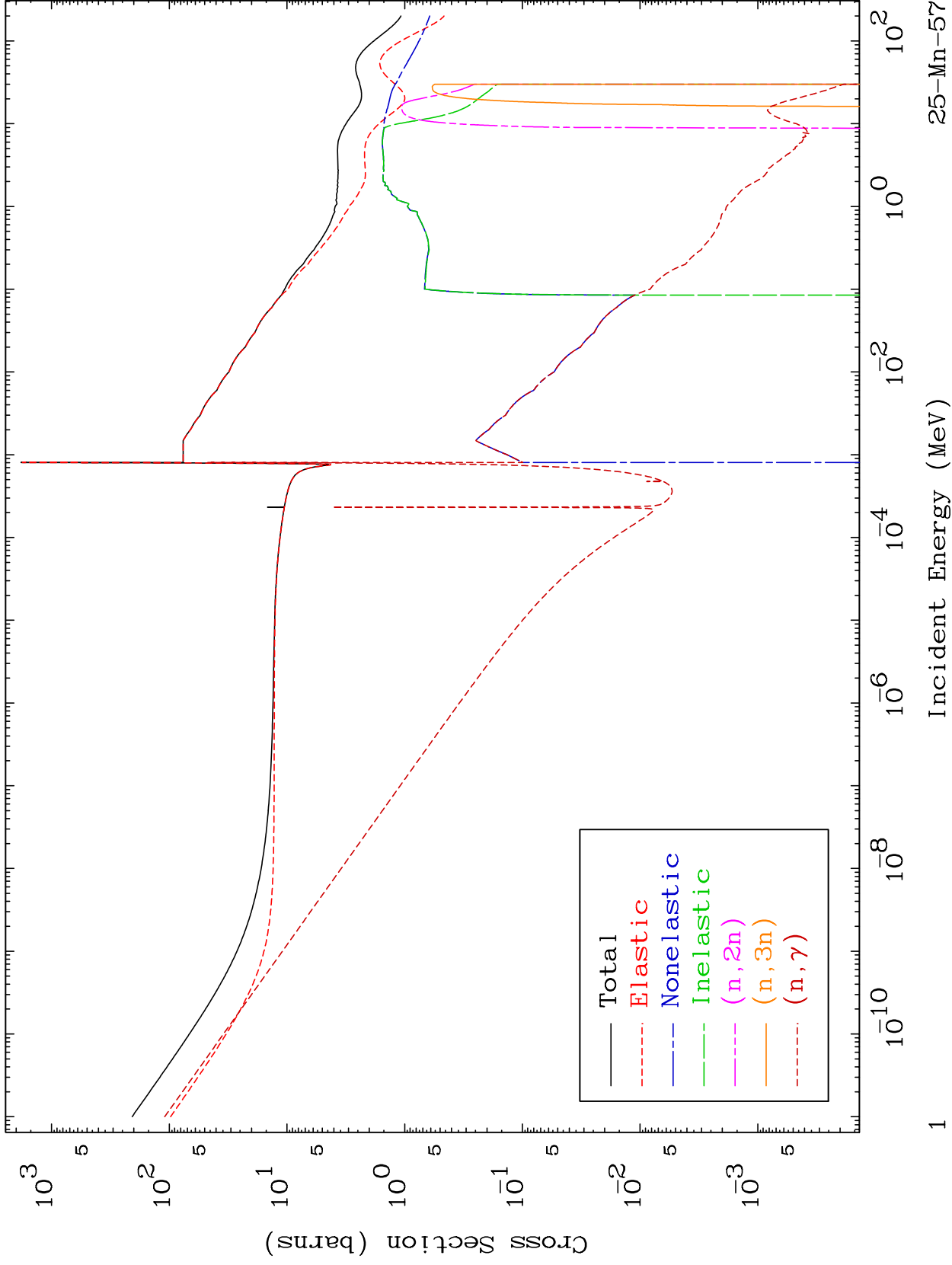
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2531

Neutron Major  
293 Kelvin Cross Sections

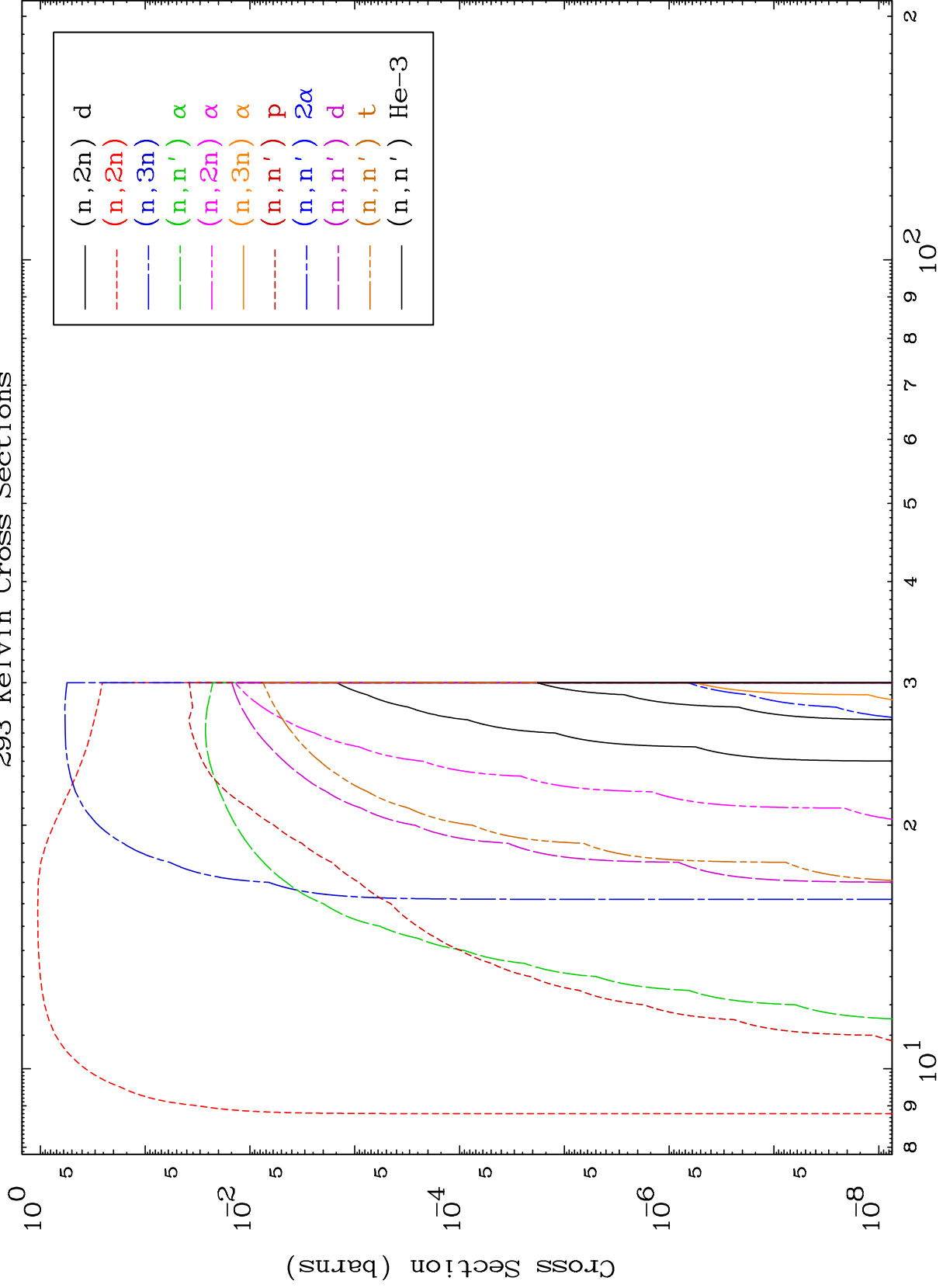
25-Mn-57



MAT 2531

Neutron Absorption  
293 Kelvin Cross Sections

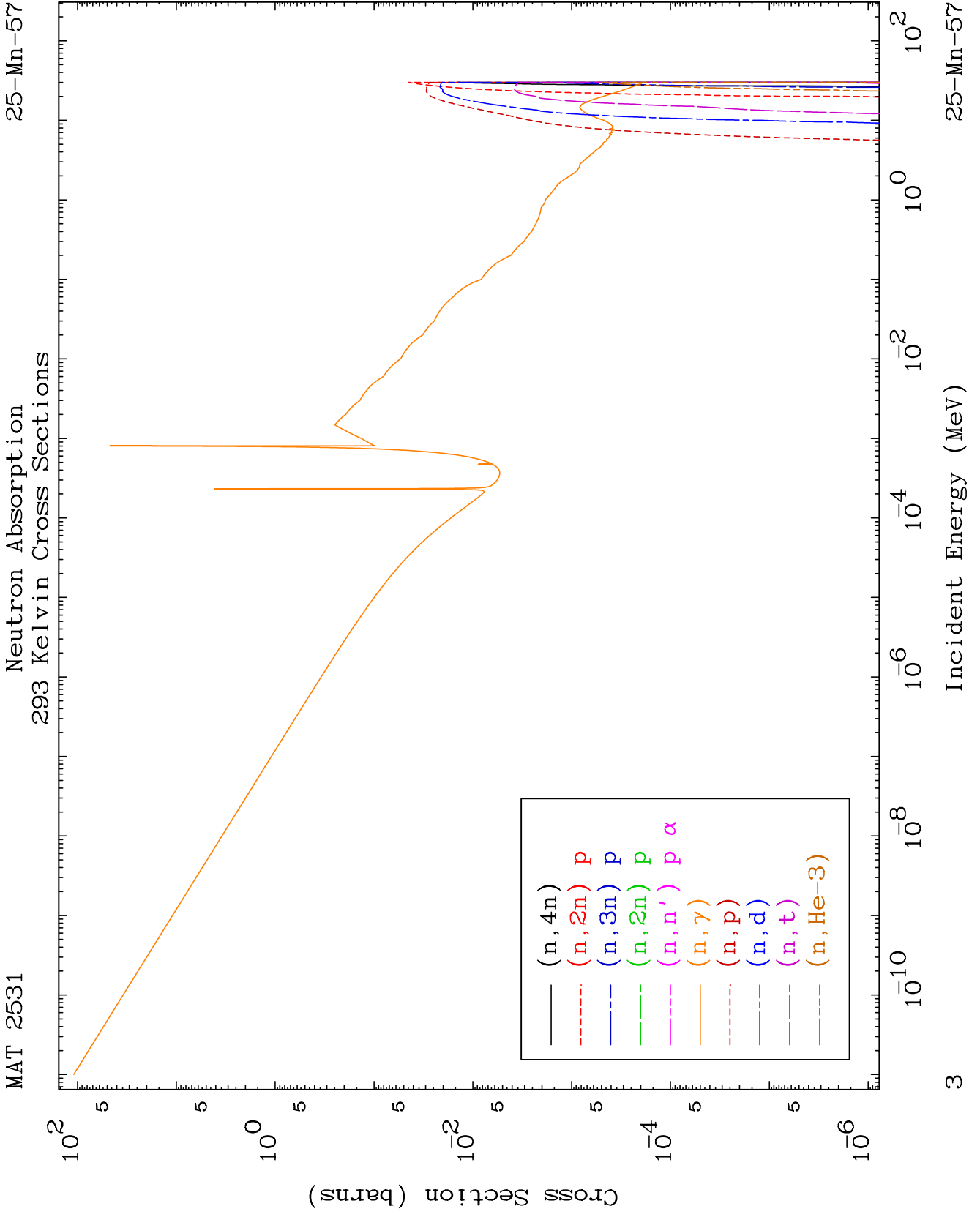
25-Mn-57

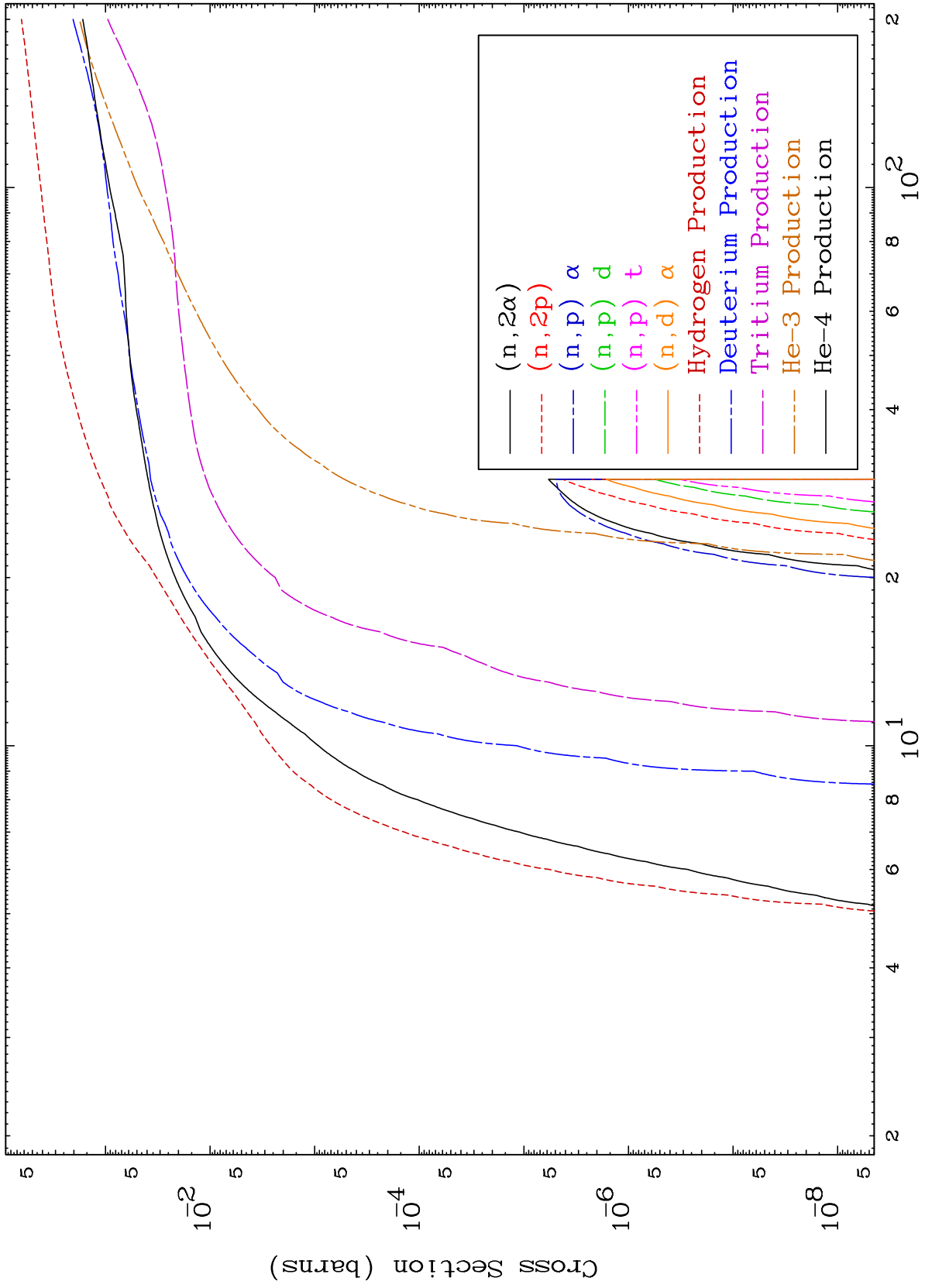


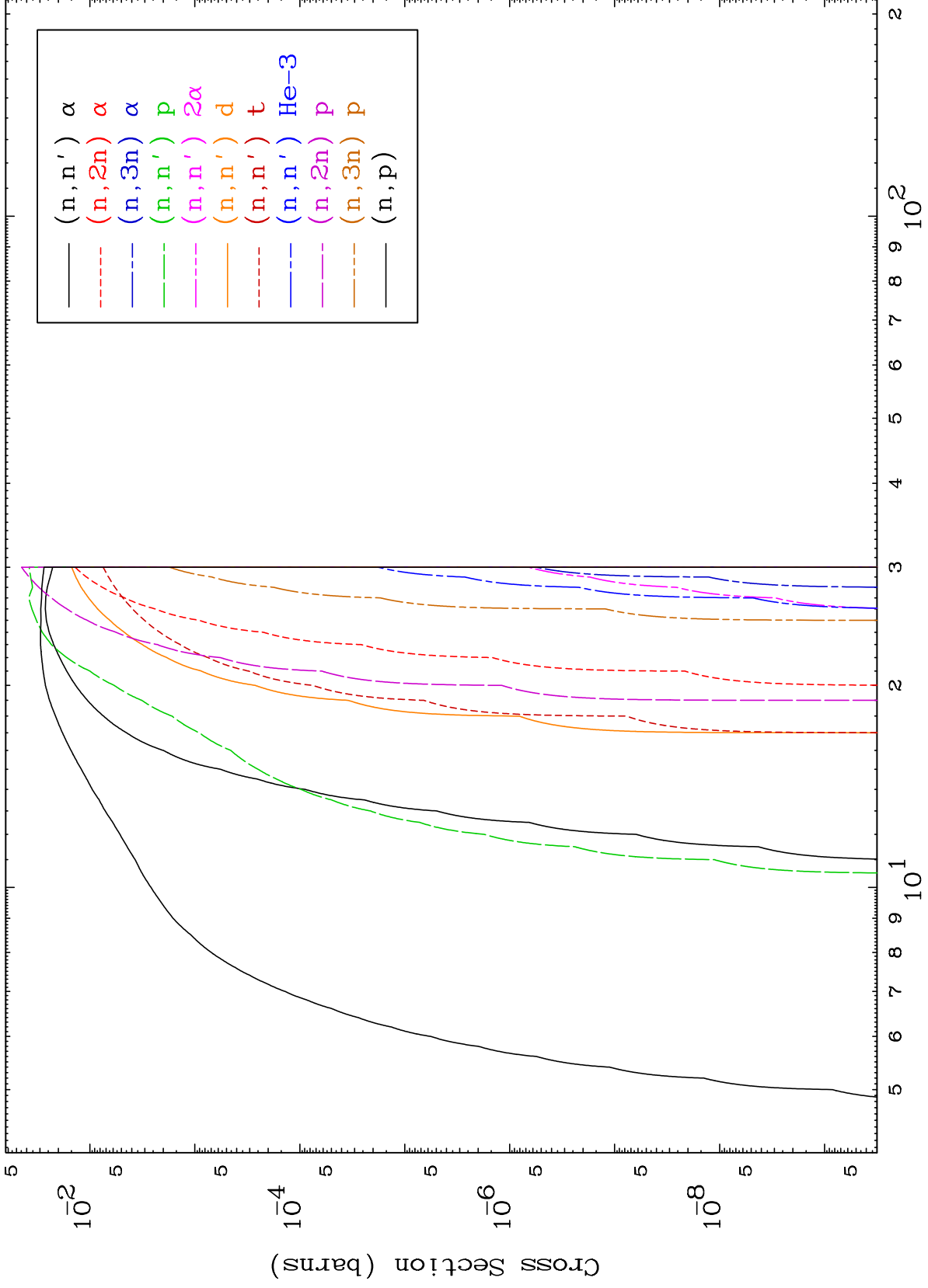
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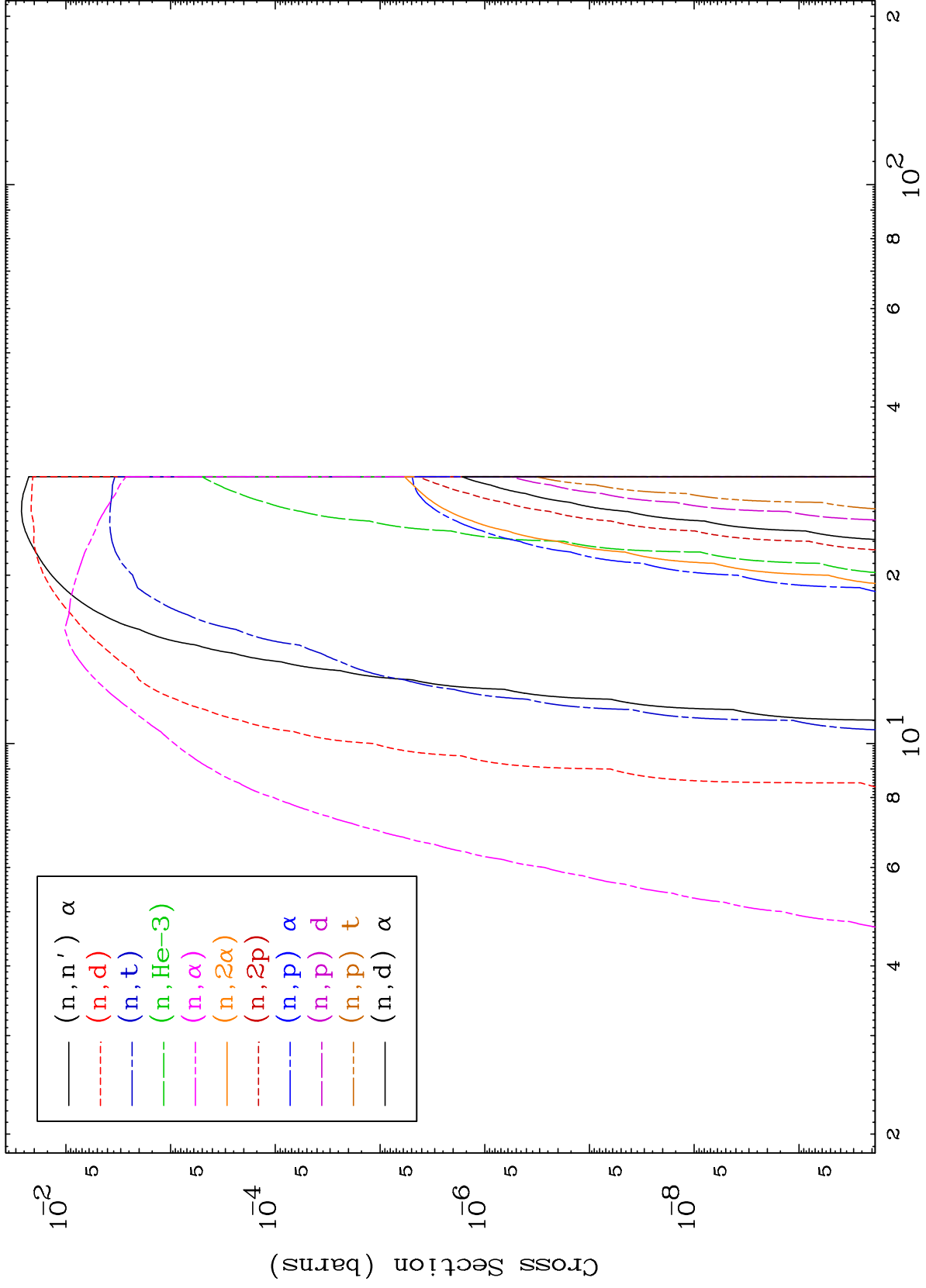
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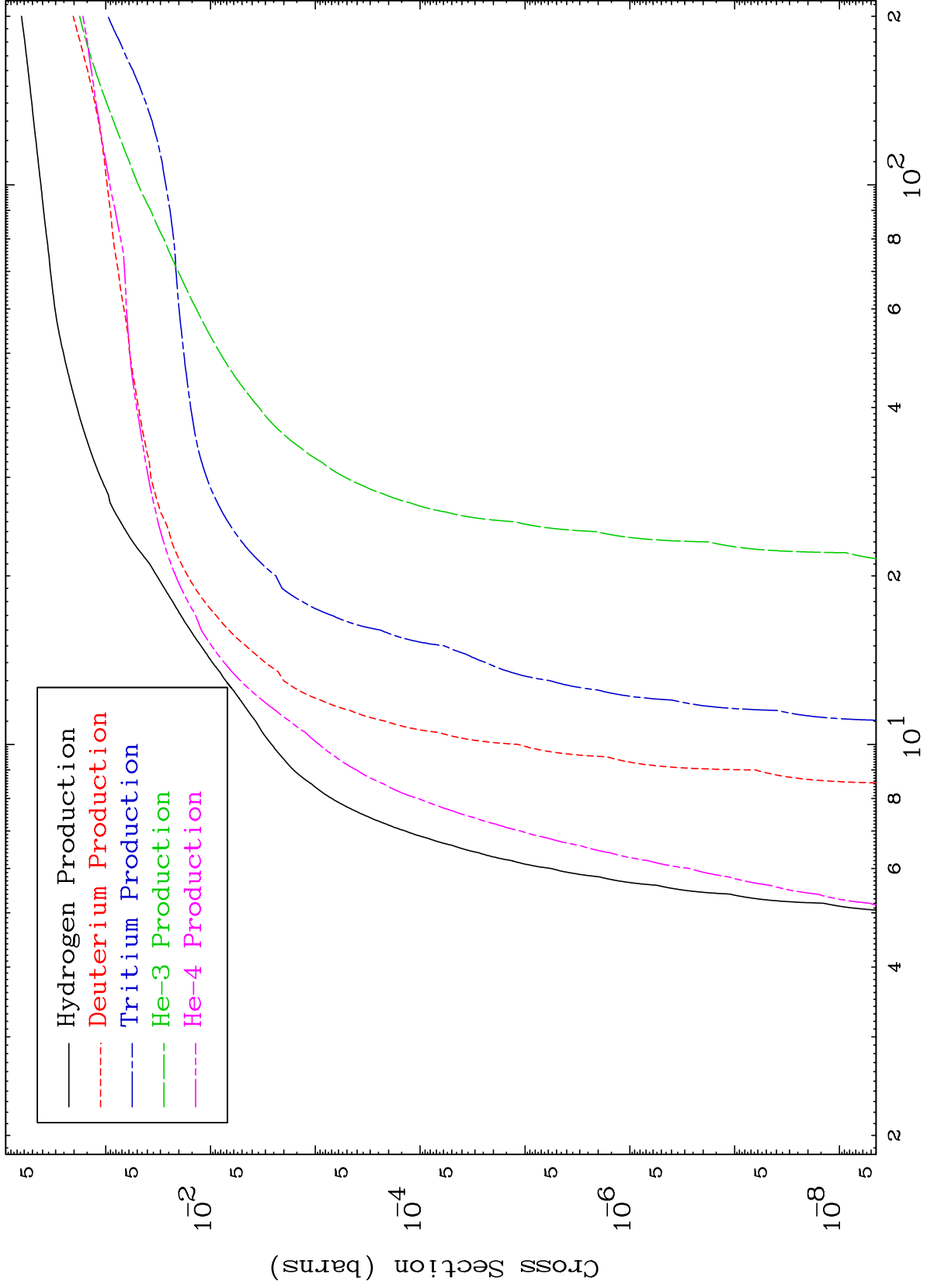
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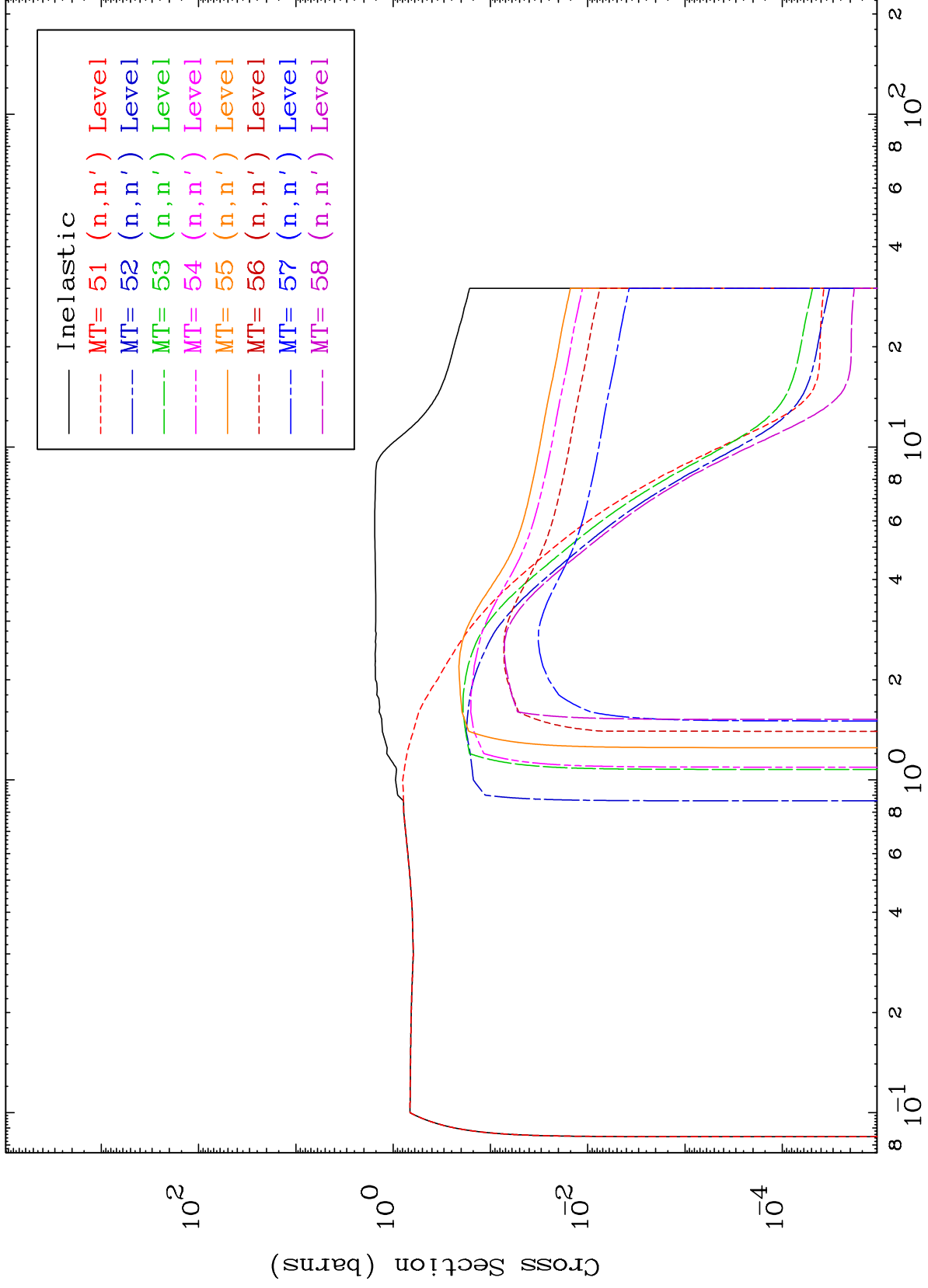










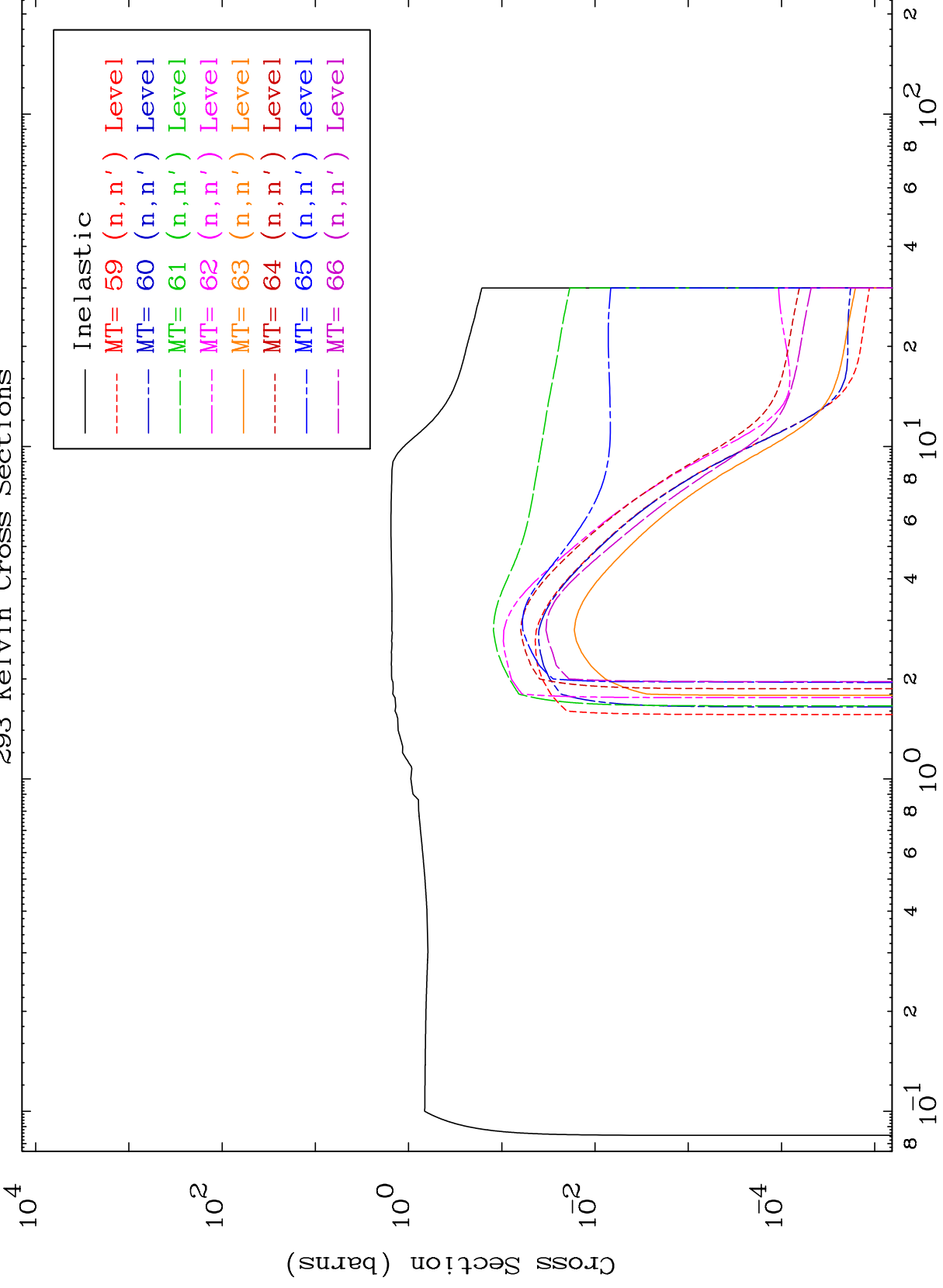


MAT 2531

(n,n') Levels

25-Mn-57

293 Kelvin Cross Sections



9

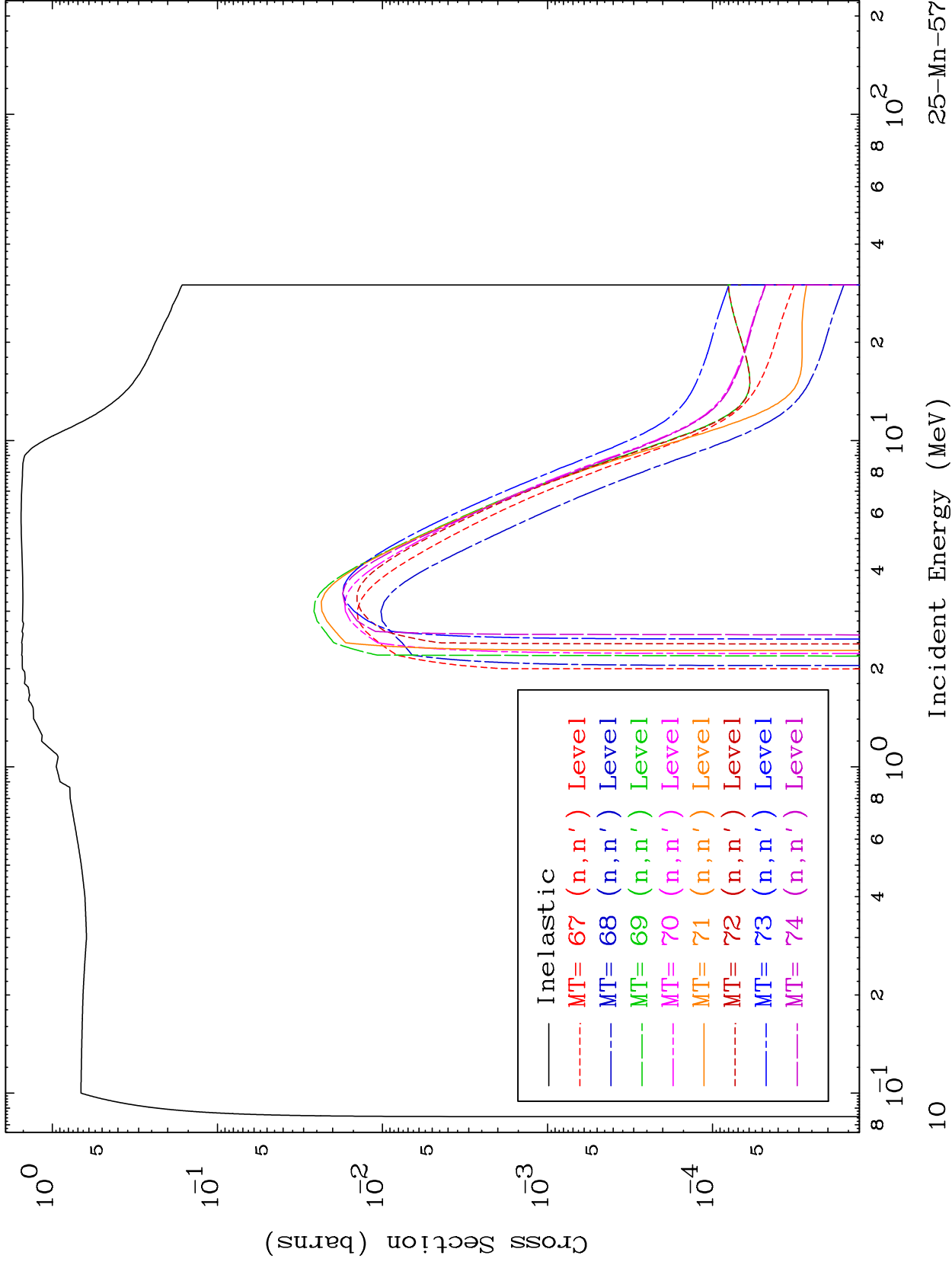
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,n') Levels  
293 Kelvin Cross Sections

25-Mn-57



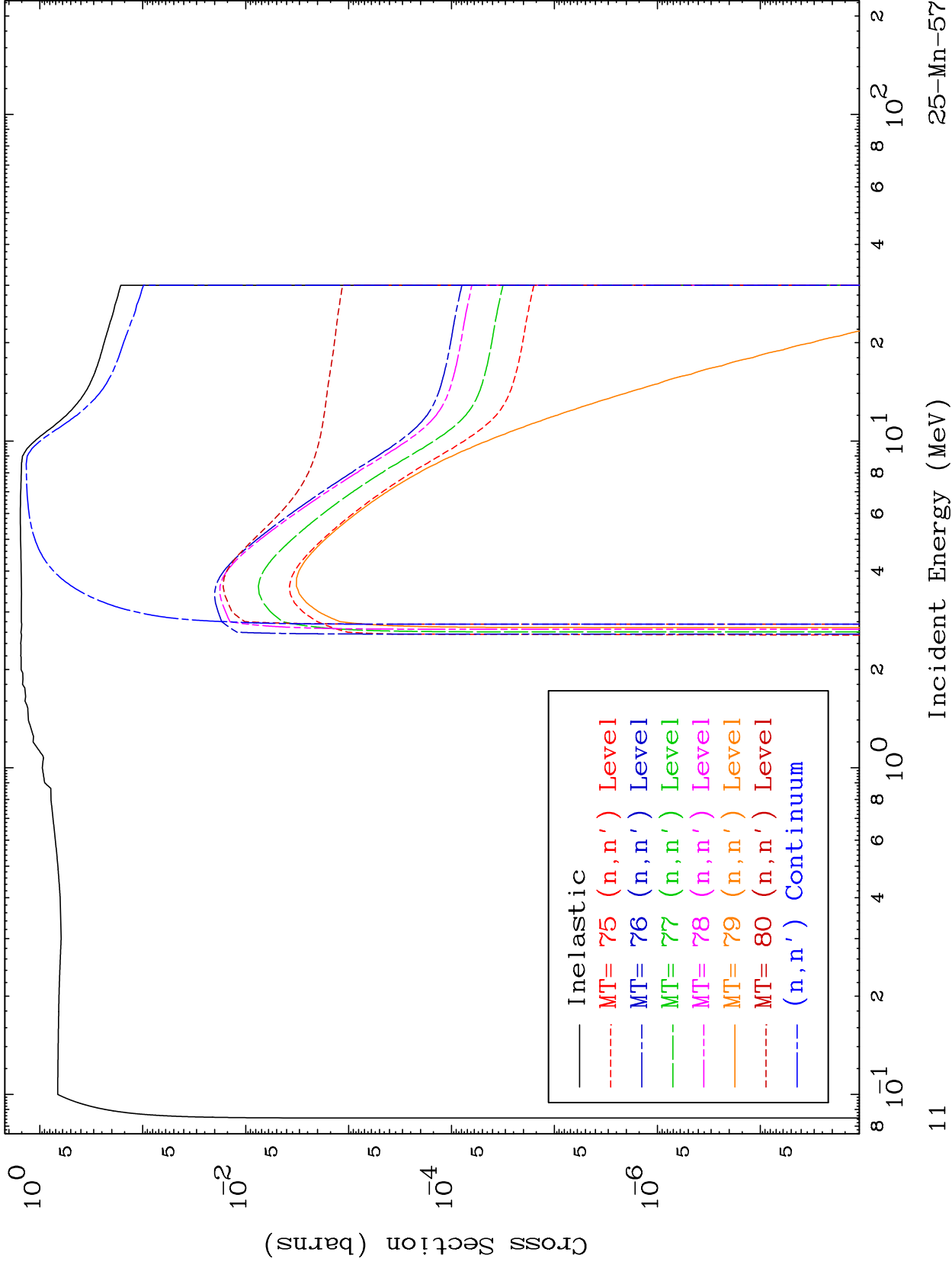
25-Mn-57

Incident Energy (MeV)

MAT 2531

(n,n') Levels  
293 Kelvin Cross Sections

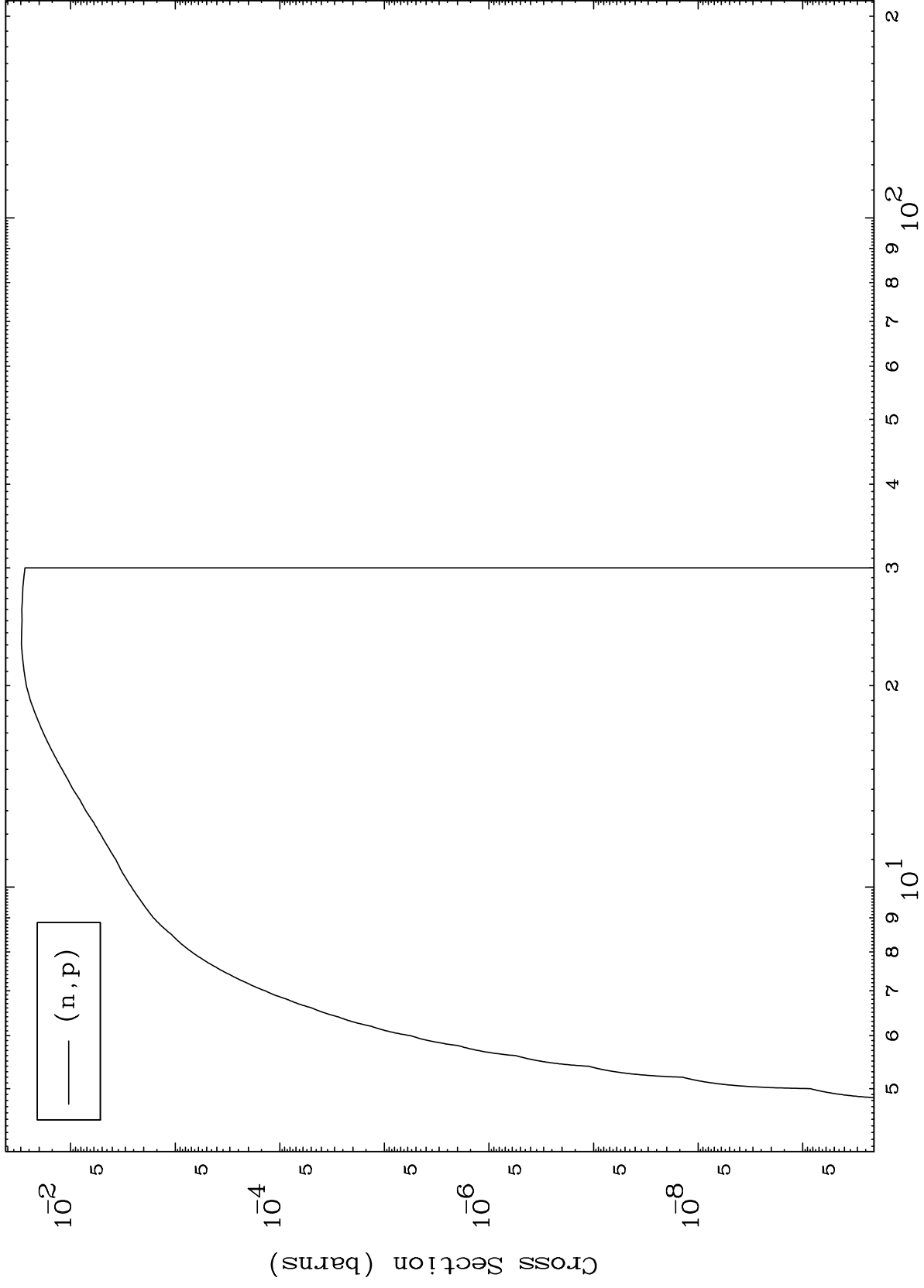
25-Mn-57



MAT 2531

(n,p) Levels  
293 Kelvin Cross Sections

25-Mn-57



12

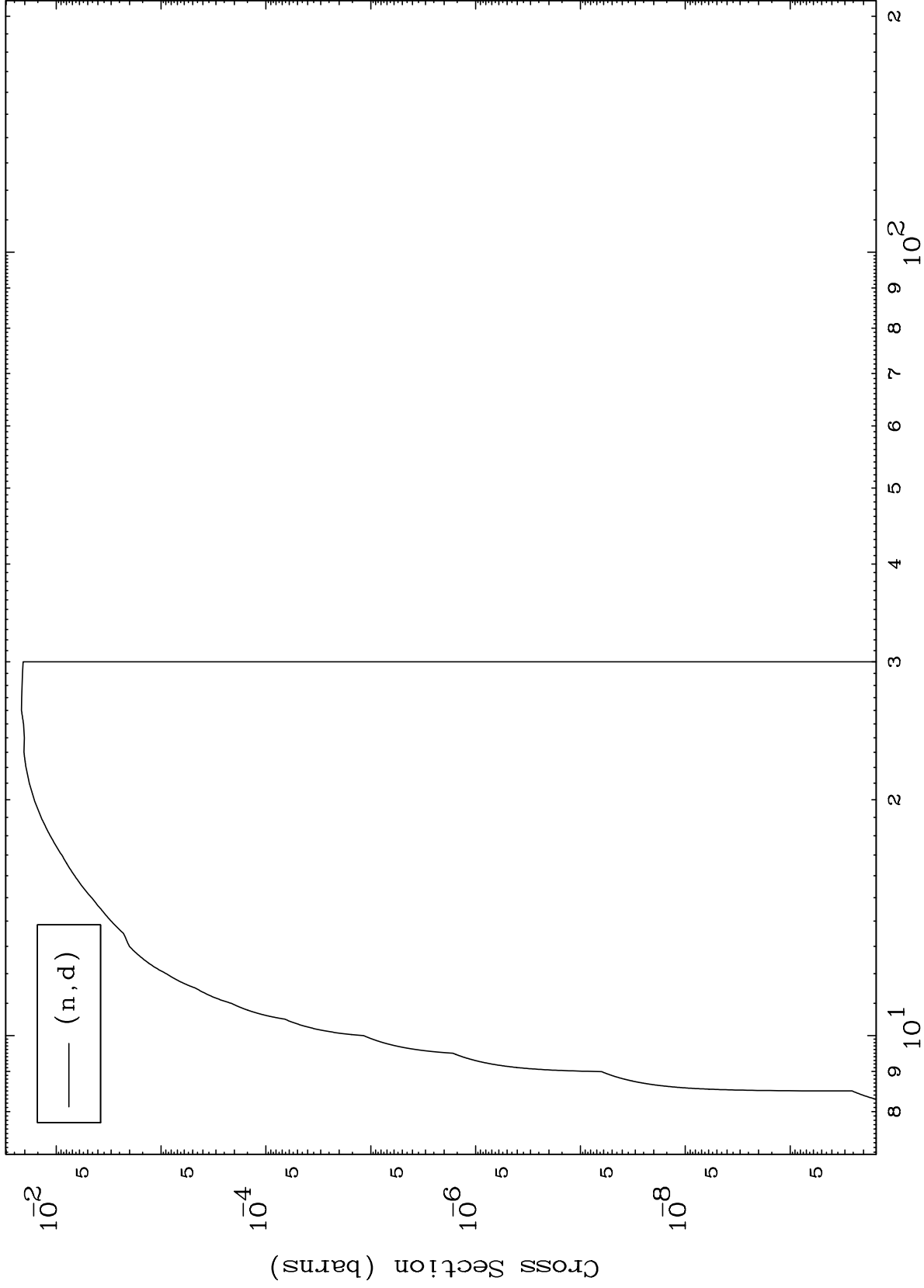
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,d) Levels  
293 Kelvin Cross Sections

25-Mn-57



13

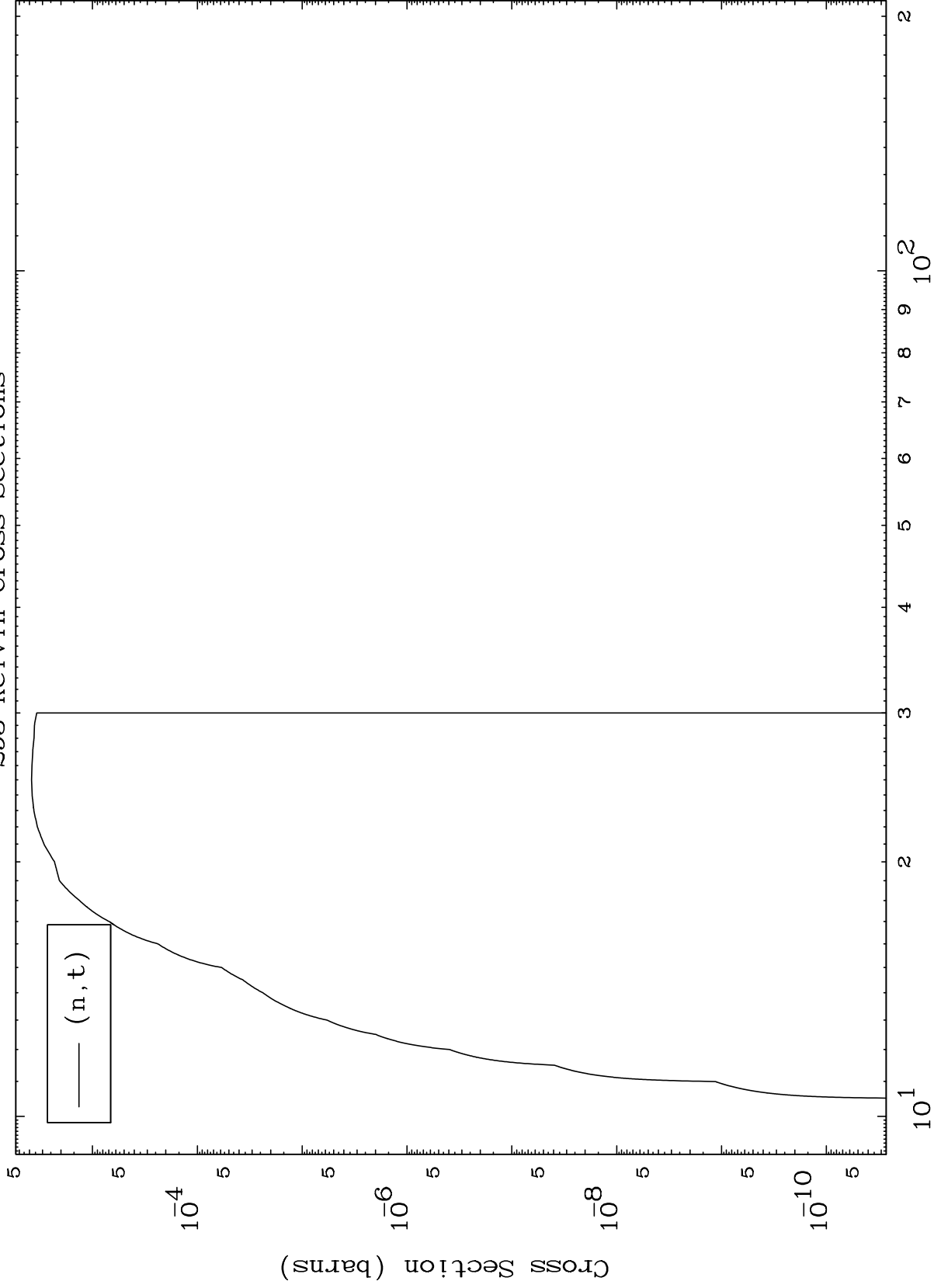
Incident Energy (MeV)

25-Mn-57

MAT 2531

(n,t) Levels  
293 Kelvin Cross Sections

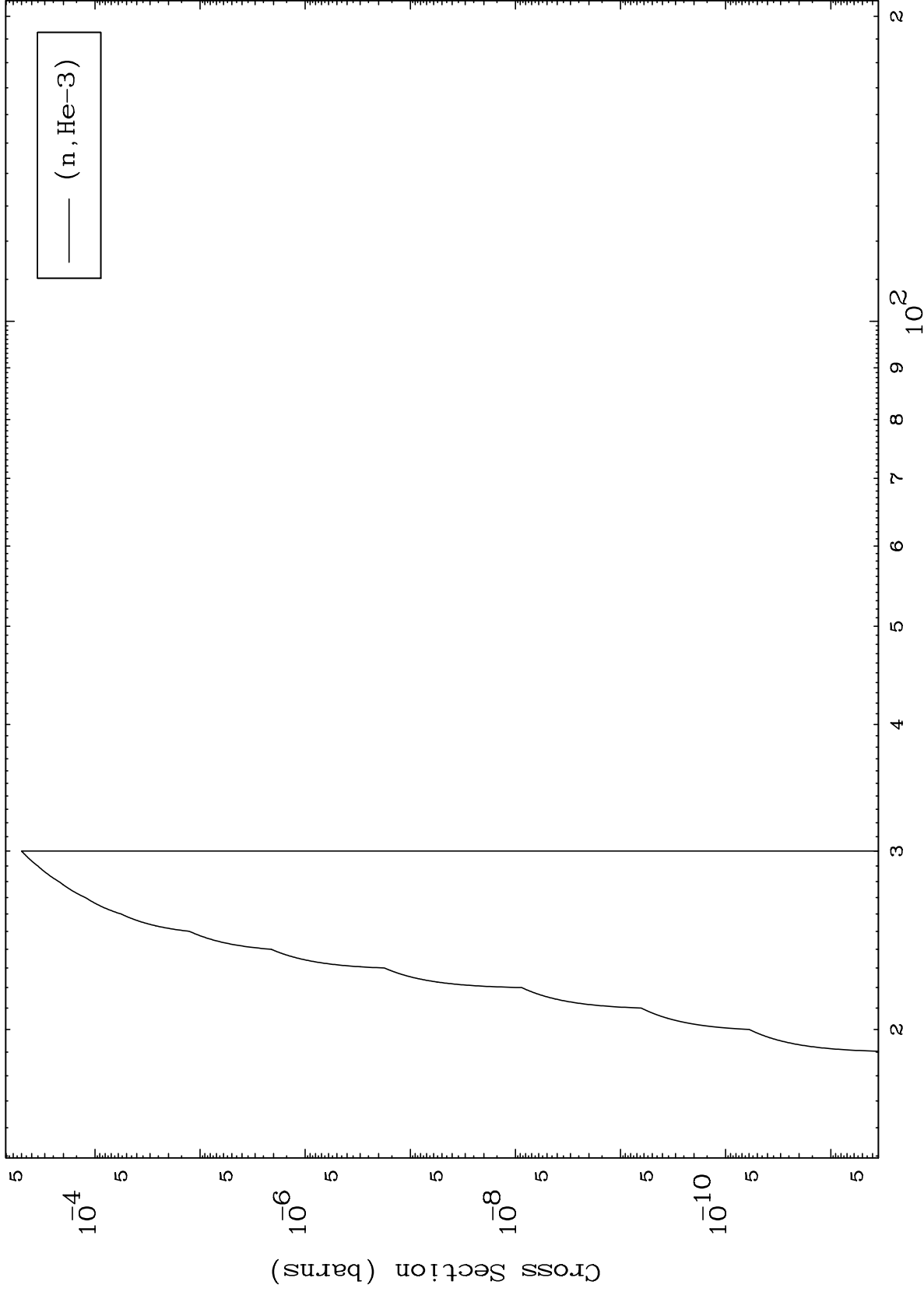
25-Mn-57



Incident Energy (MeV)

25-Mn-57

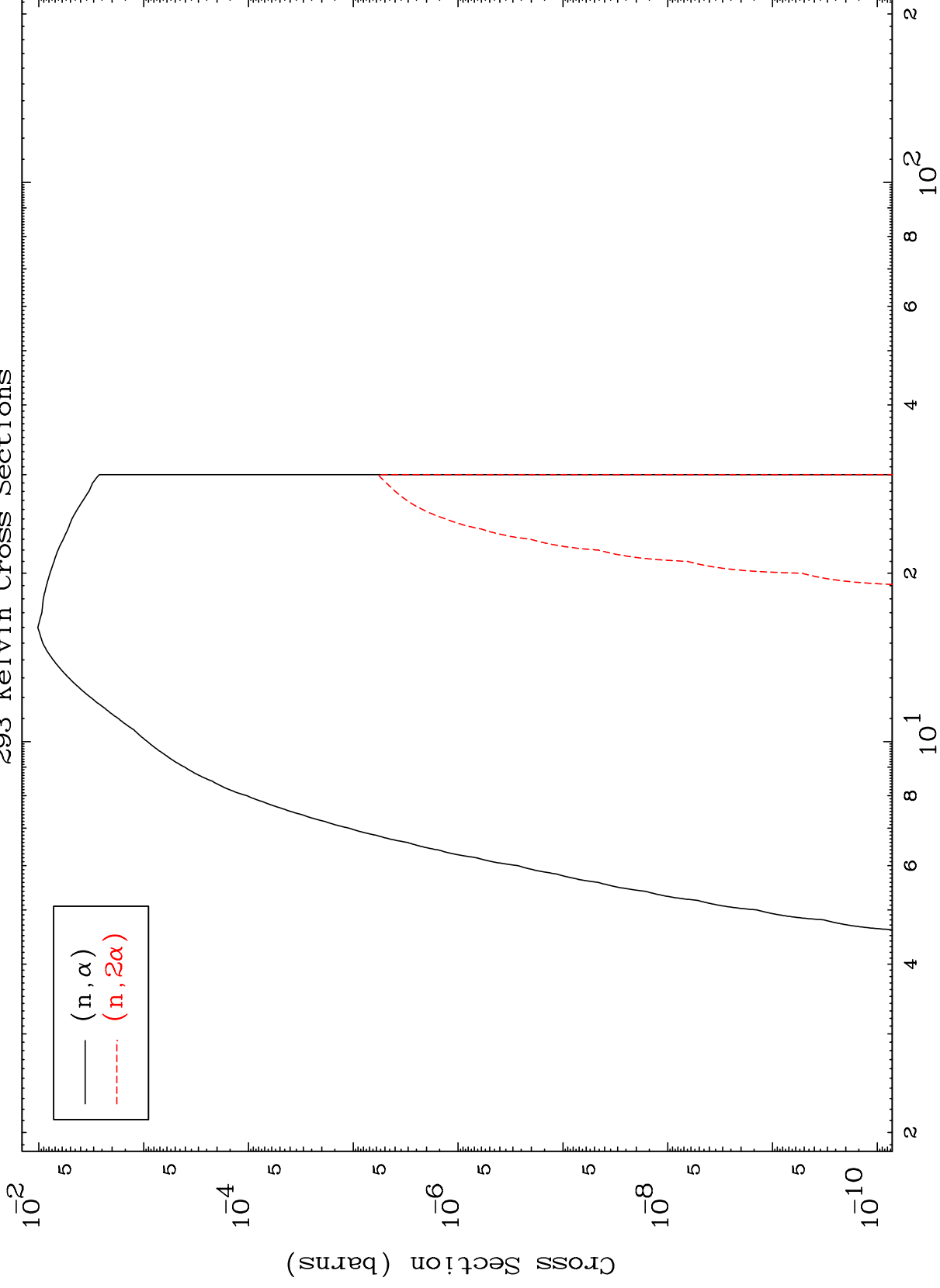
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MAT 2531

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

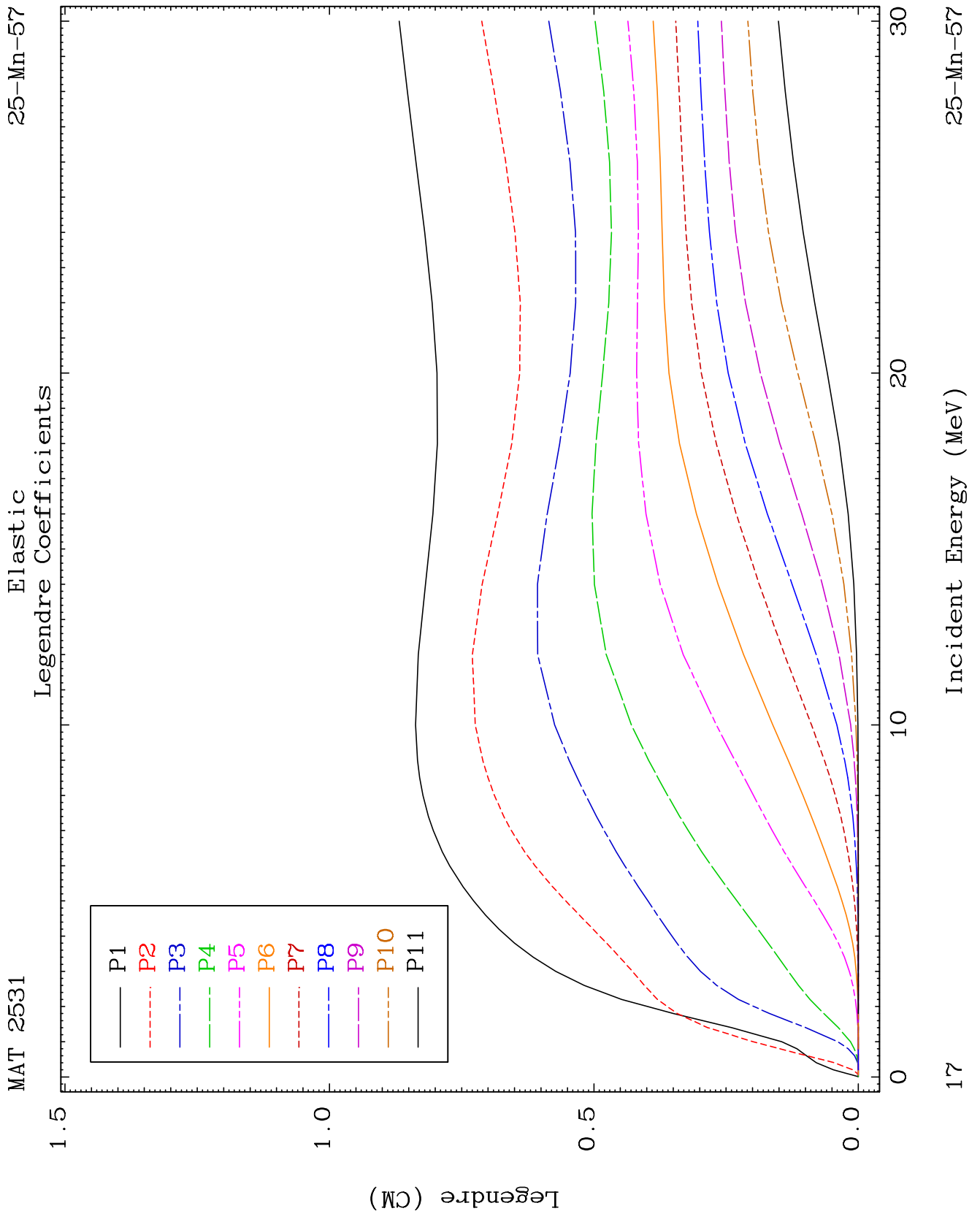
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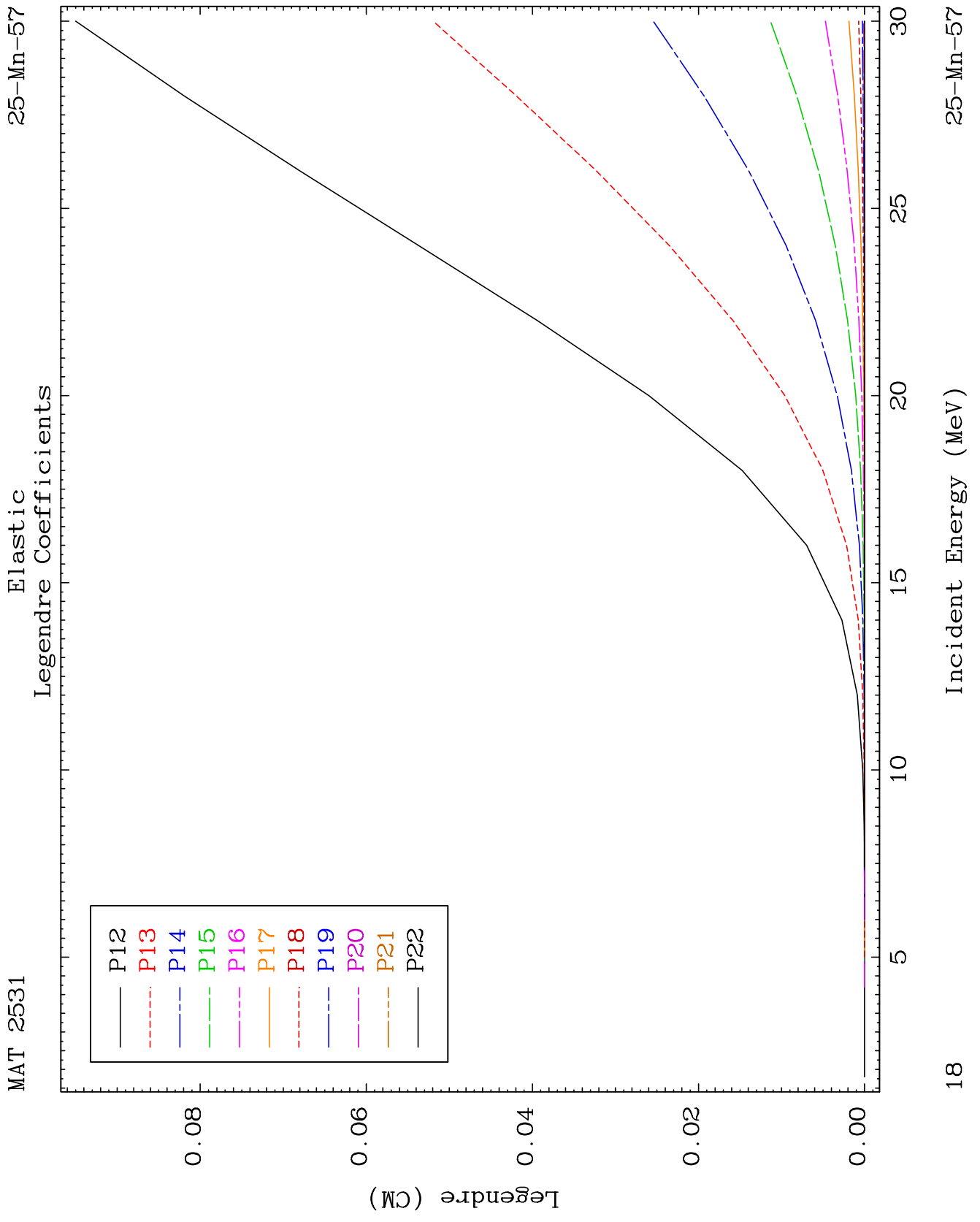


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Incident Energy (MeV)

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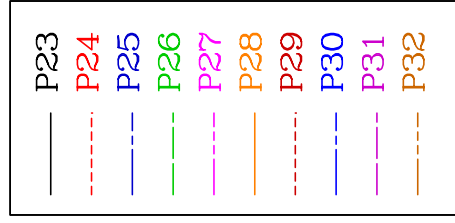




MAT 2531

Elastic Legendre Coefficients

25-Mn-57



$\times 10^{-63}$

Legendre (CM)

1

0

15

20

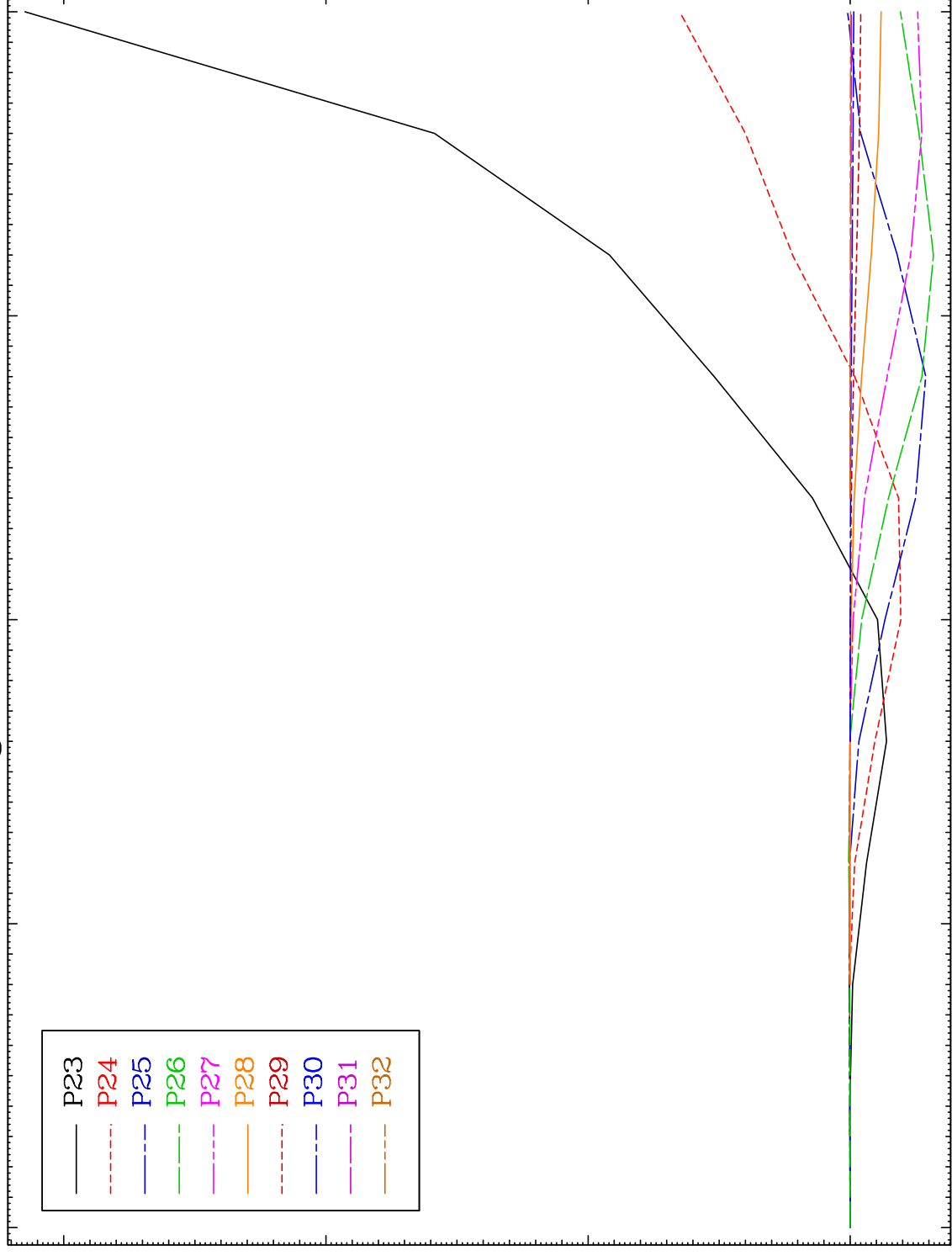
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30

19

Incident Energy (MeV)

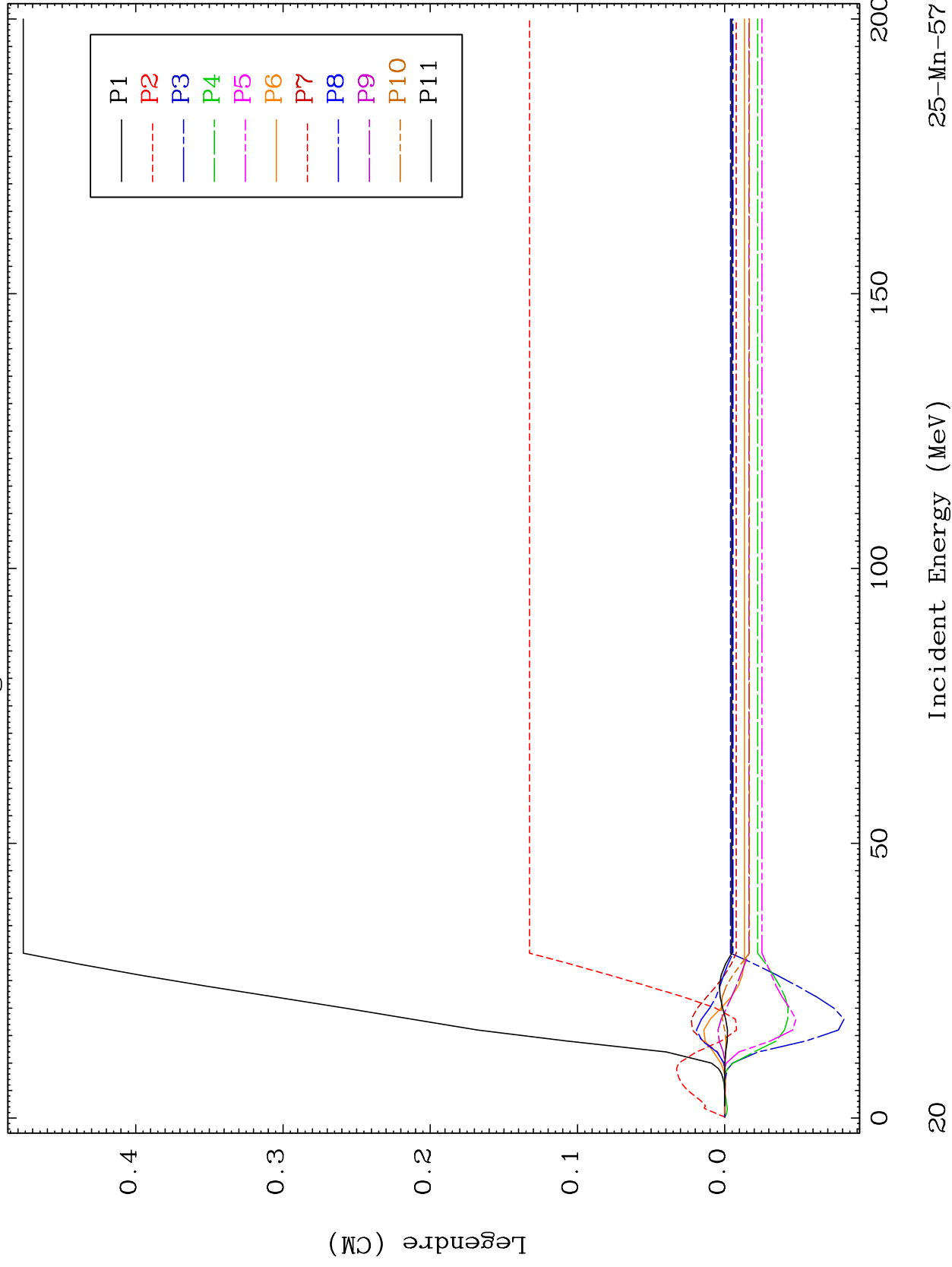
25-Mn-57



MAT 2531

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

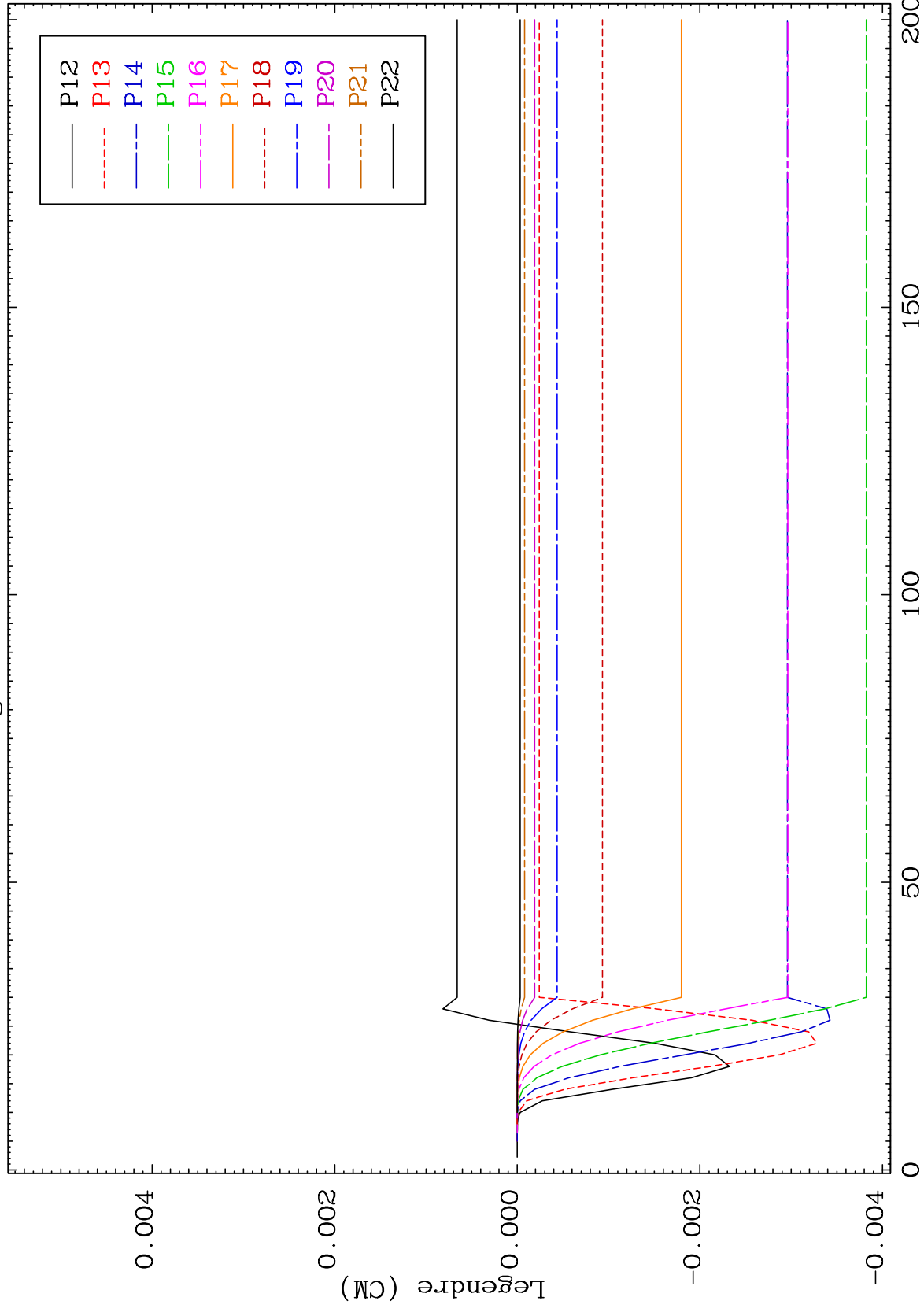
25-Mn-57



MAT 2531

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

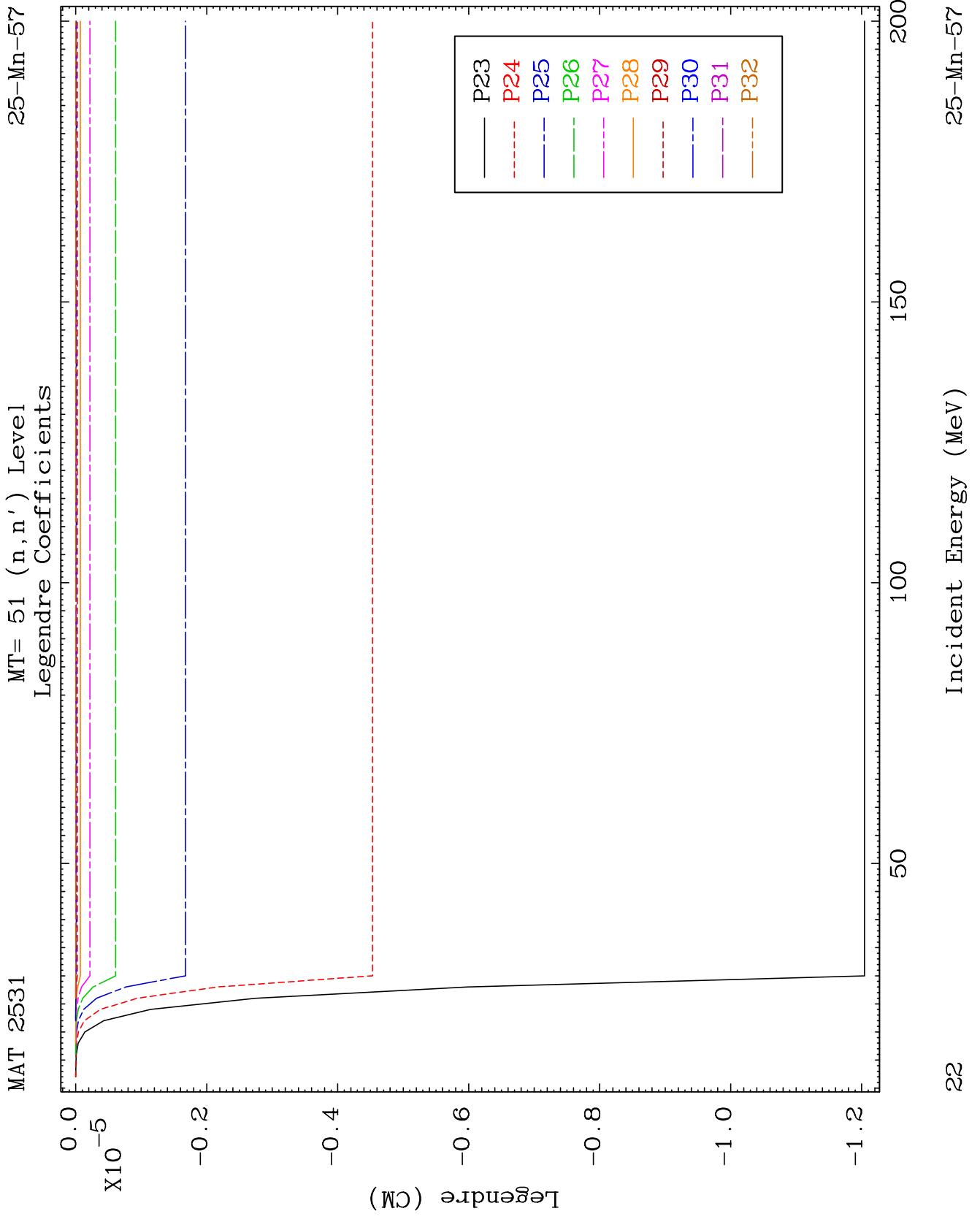
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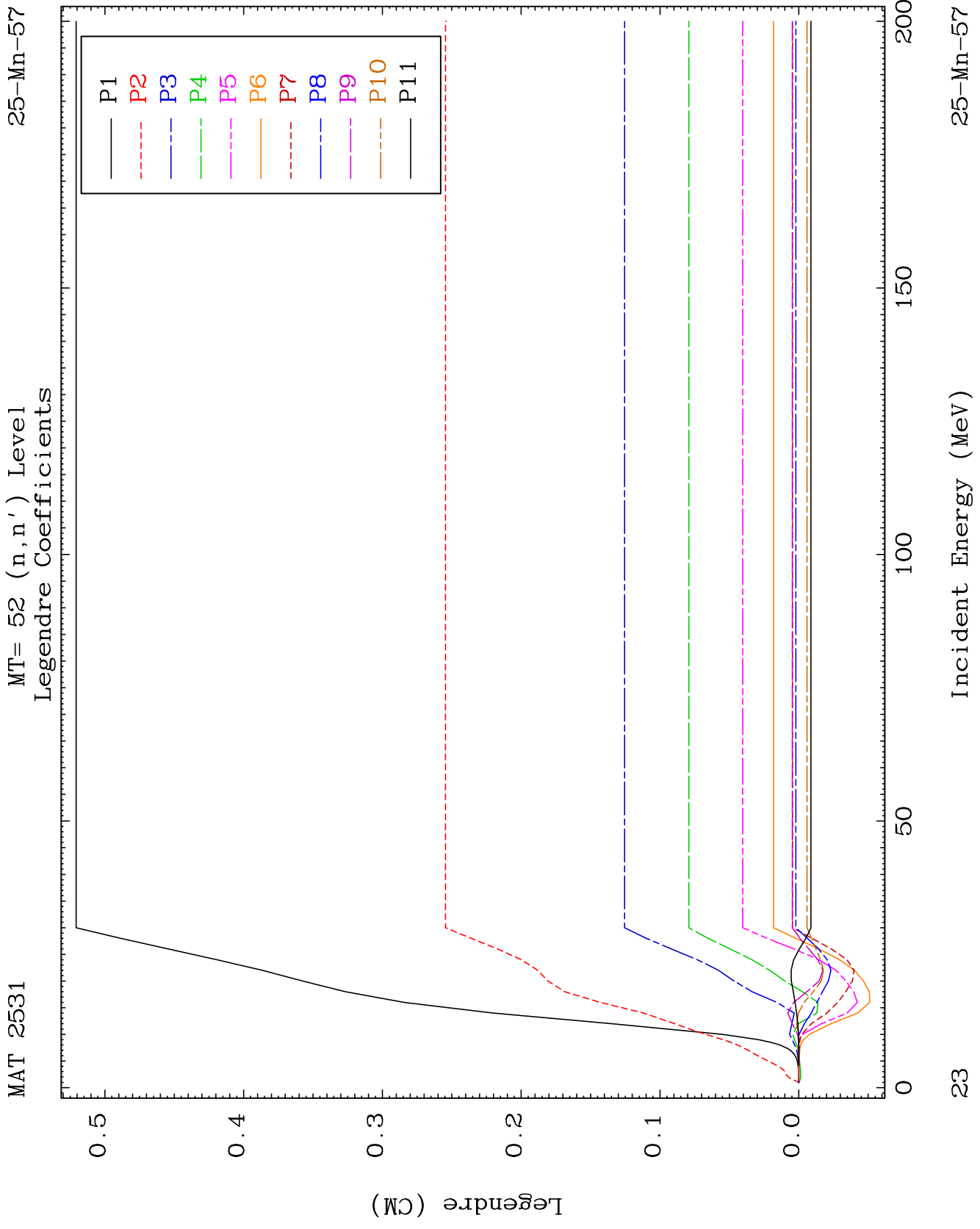


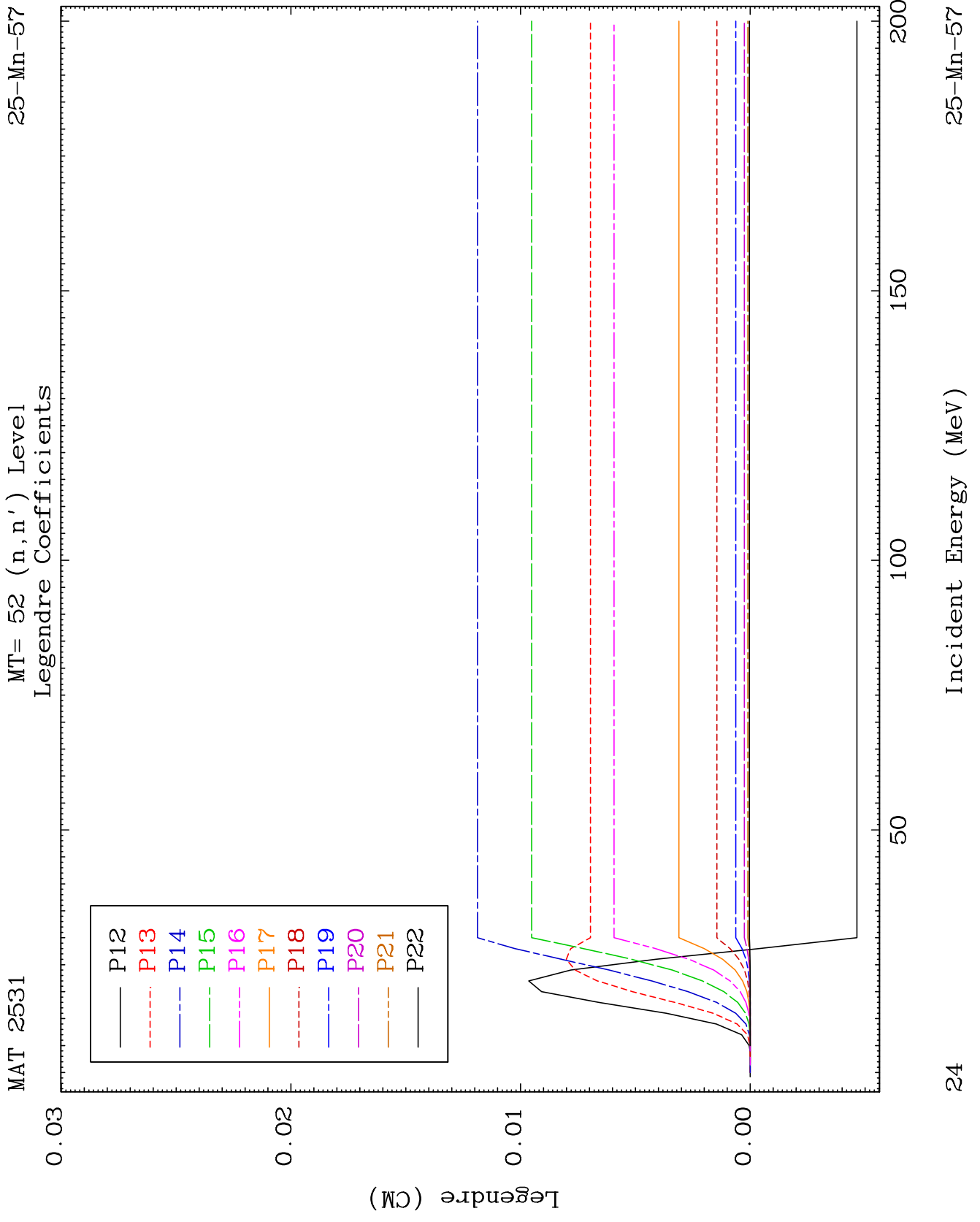
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Incident Energy (MeV)

25-Mn-57



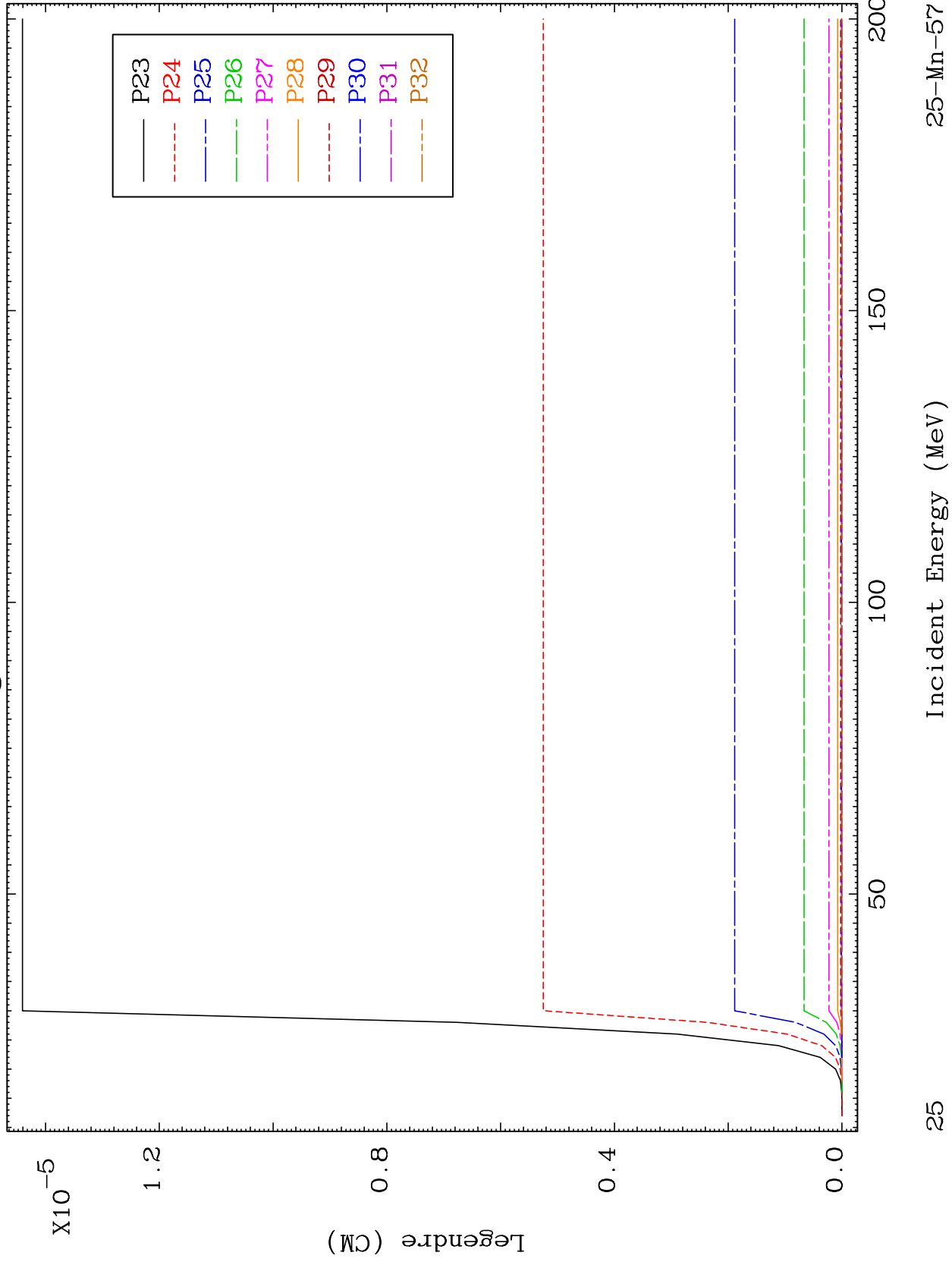




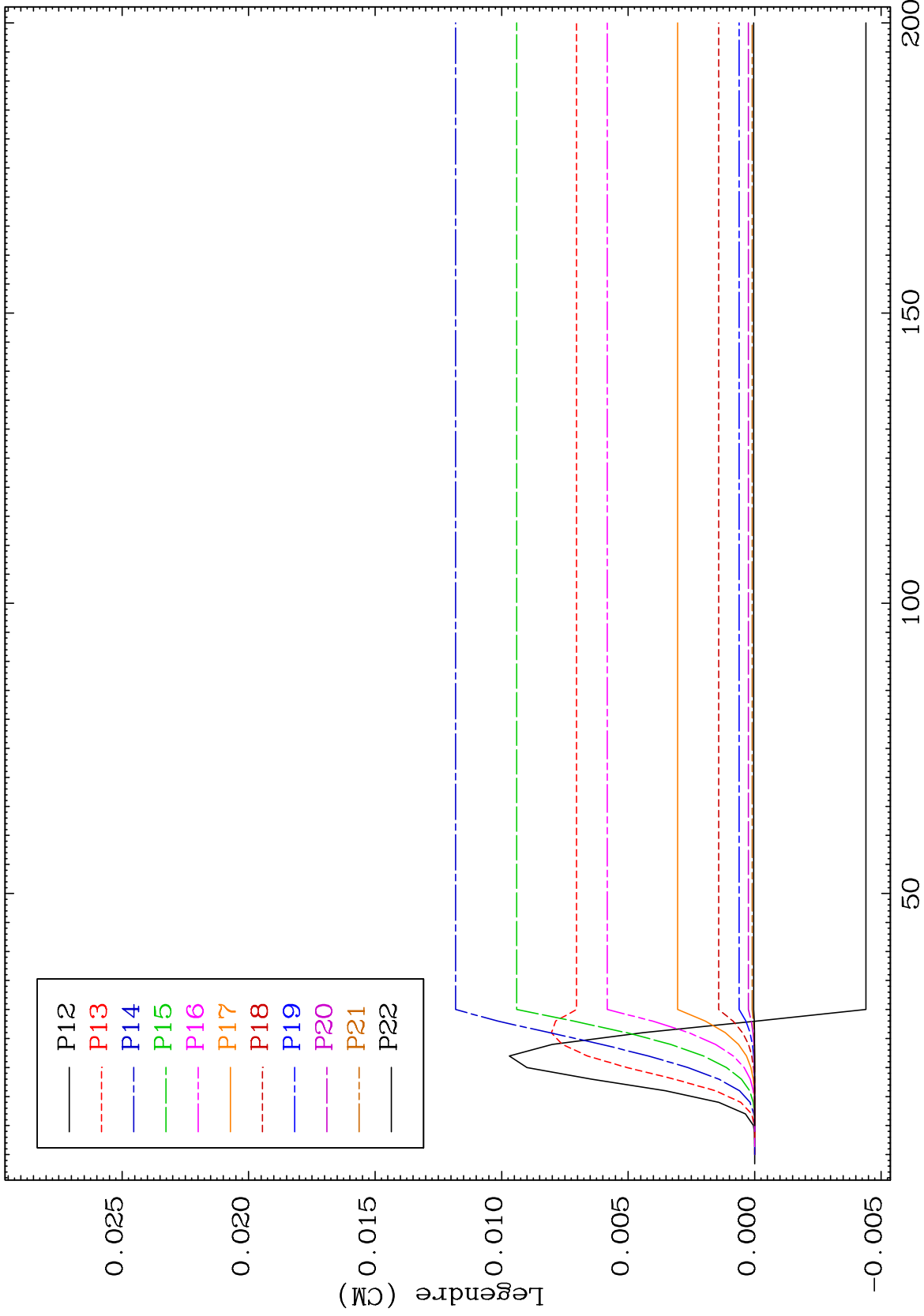
MAT 2531

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

25-Mn-57





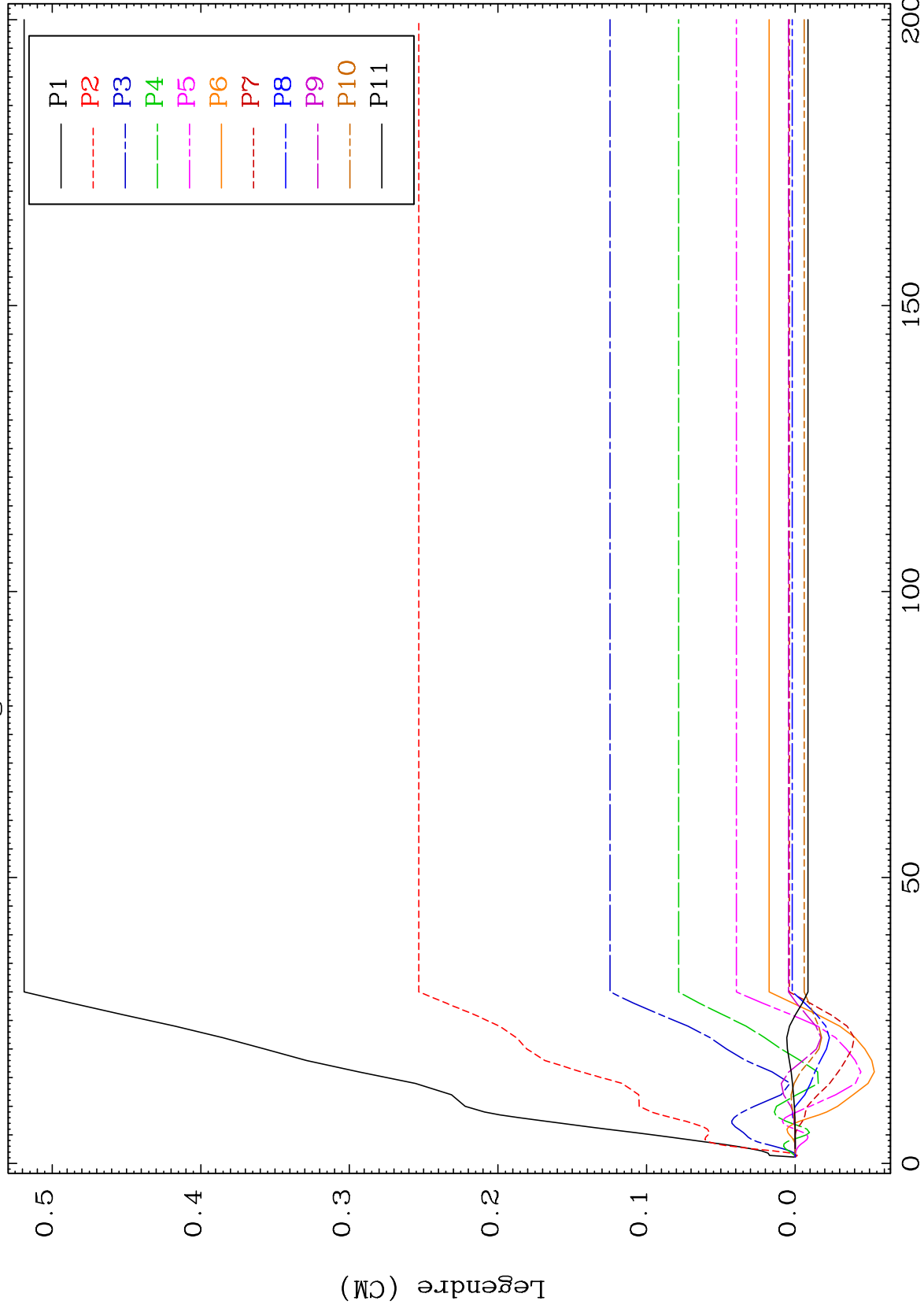




MAT 2531

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

25-Mn-57



29

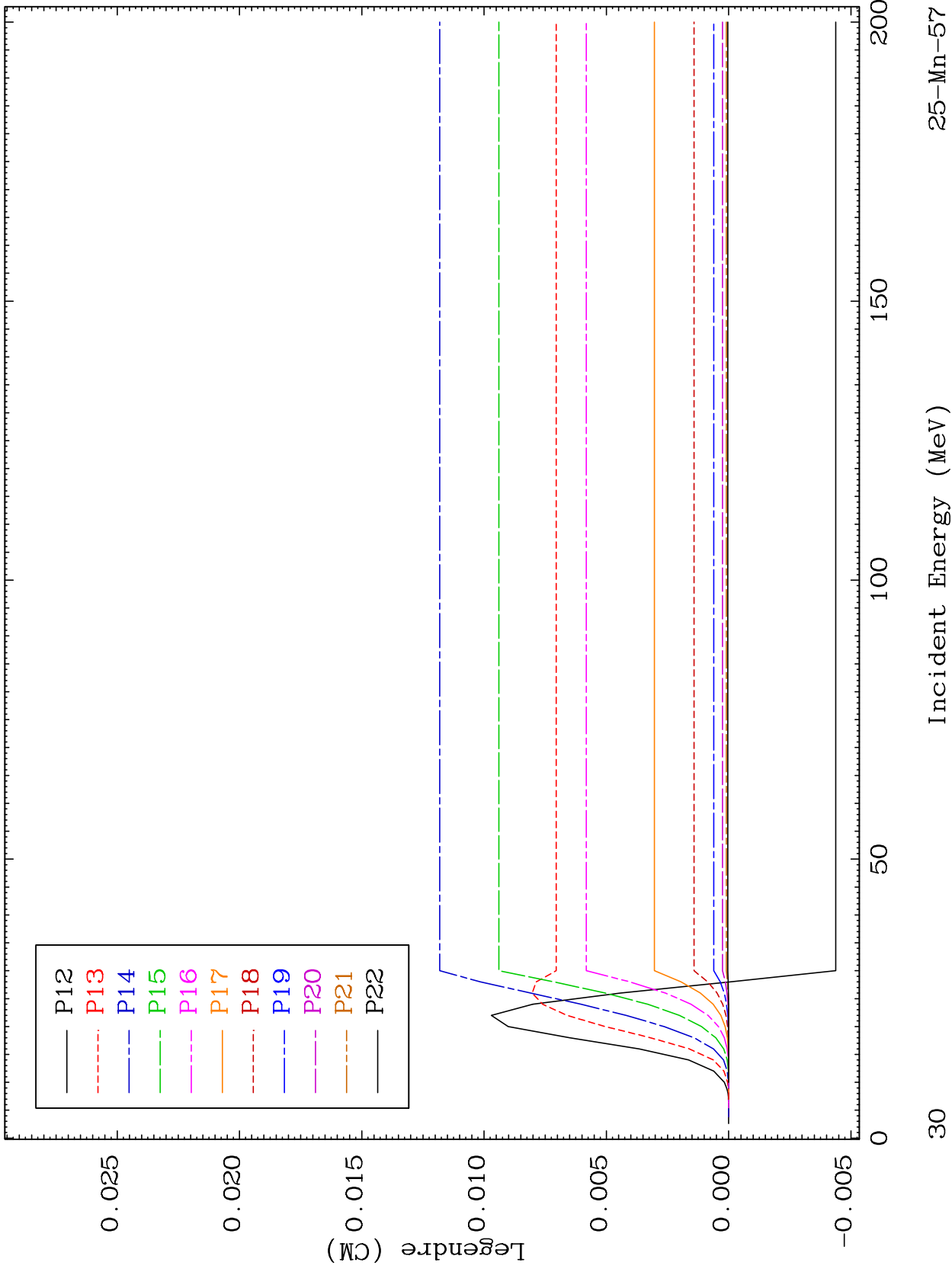
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



25-Mn-57

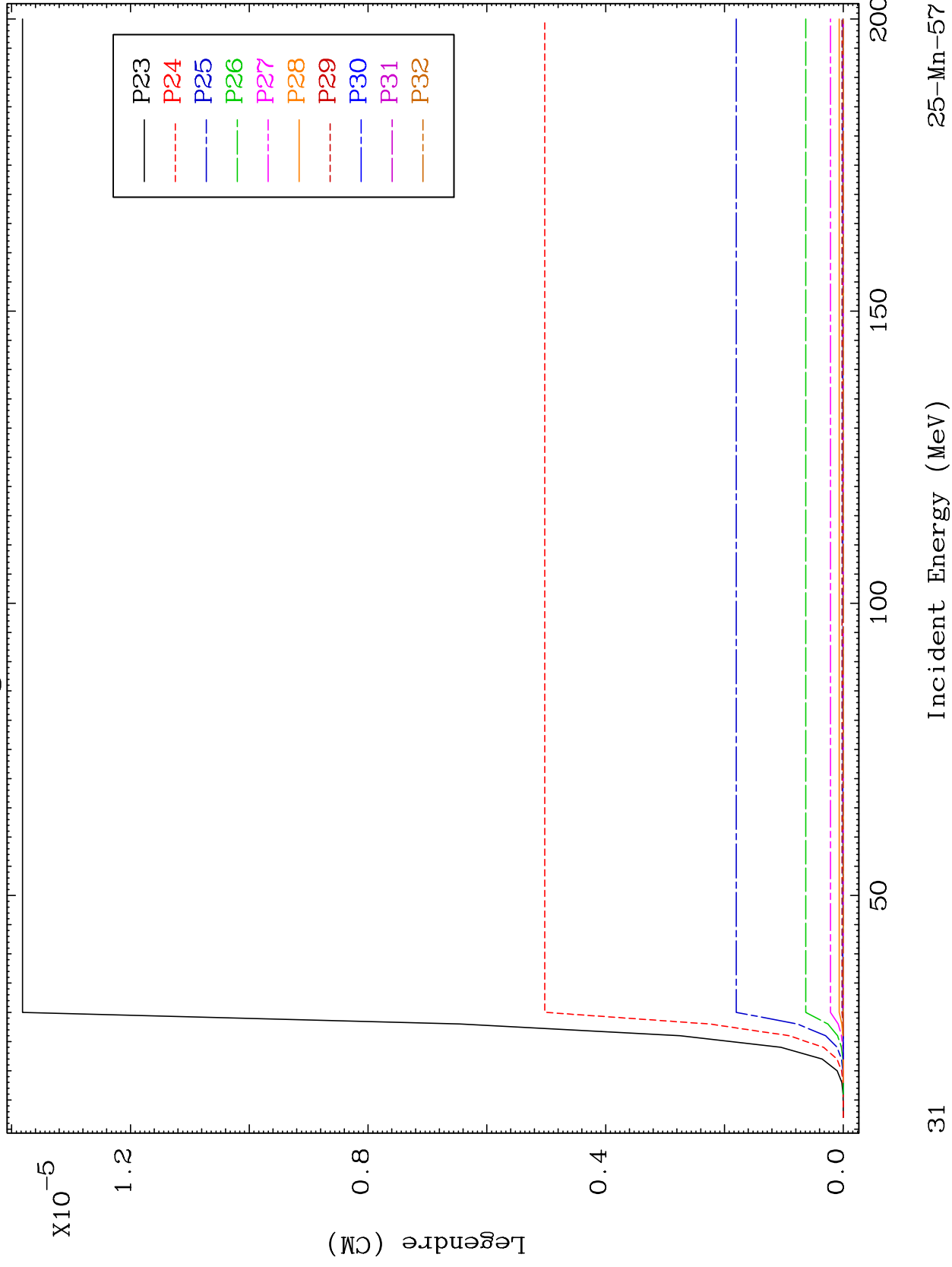
Incident Energy (MeV)

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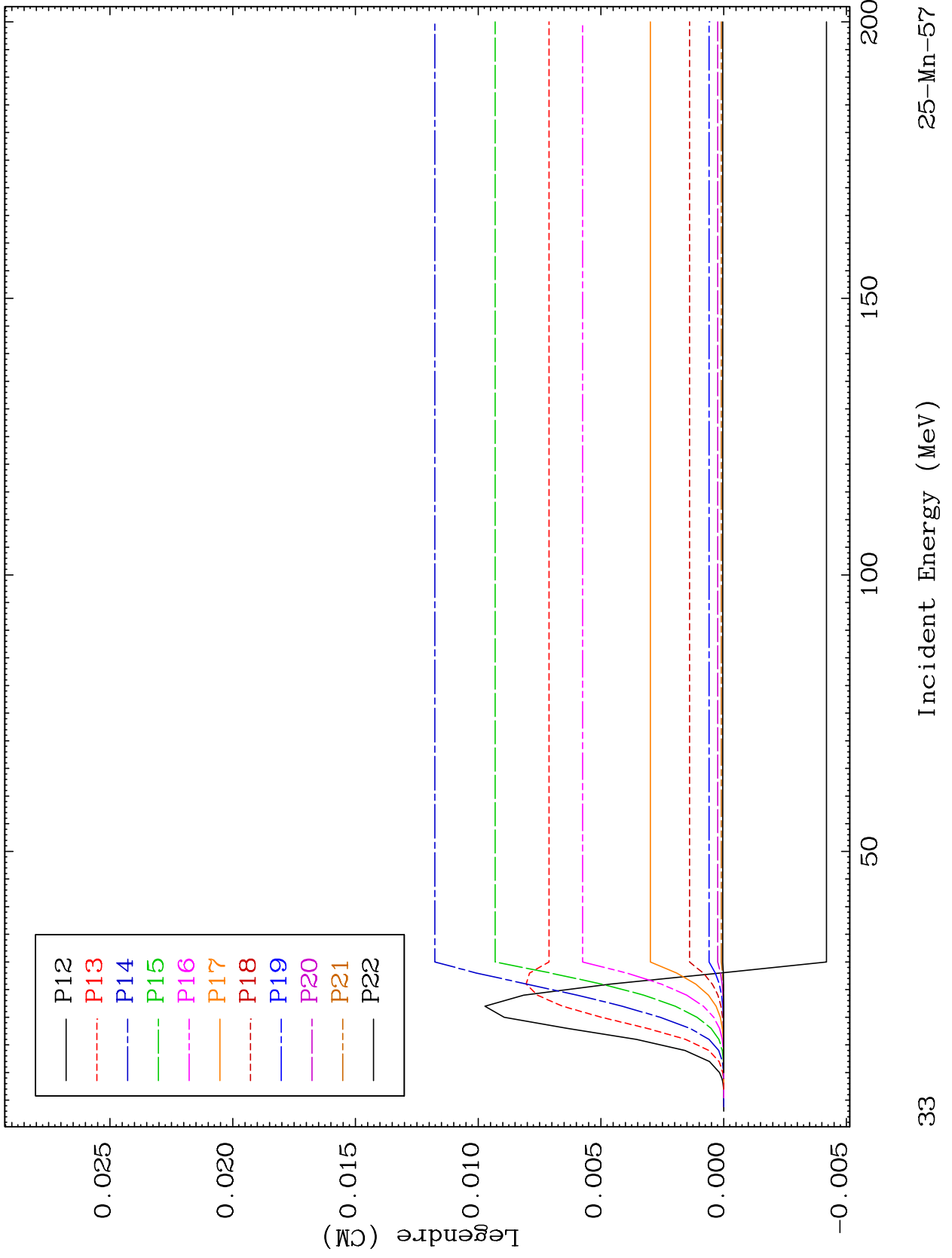
MAT 2531

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

25-Mn-57



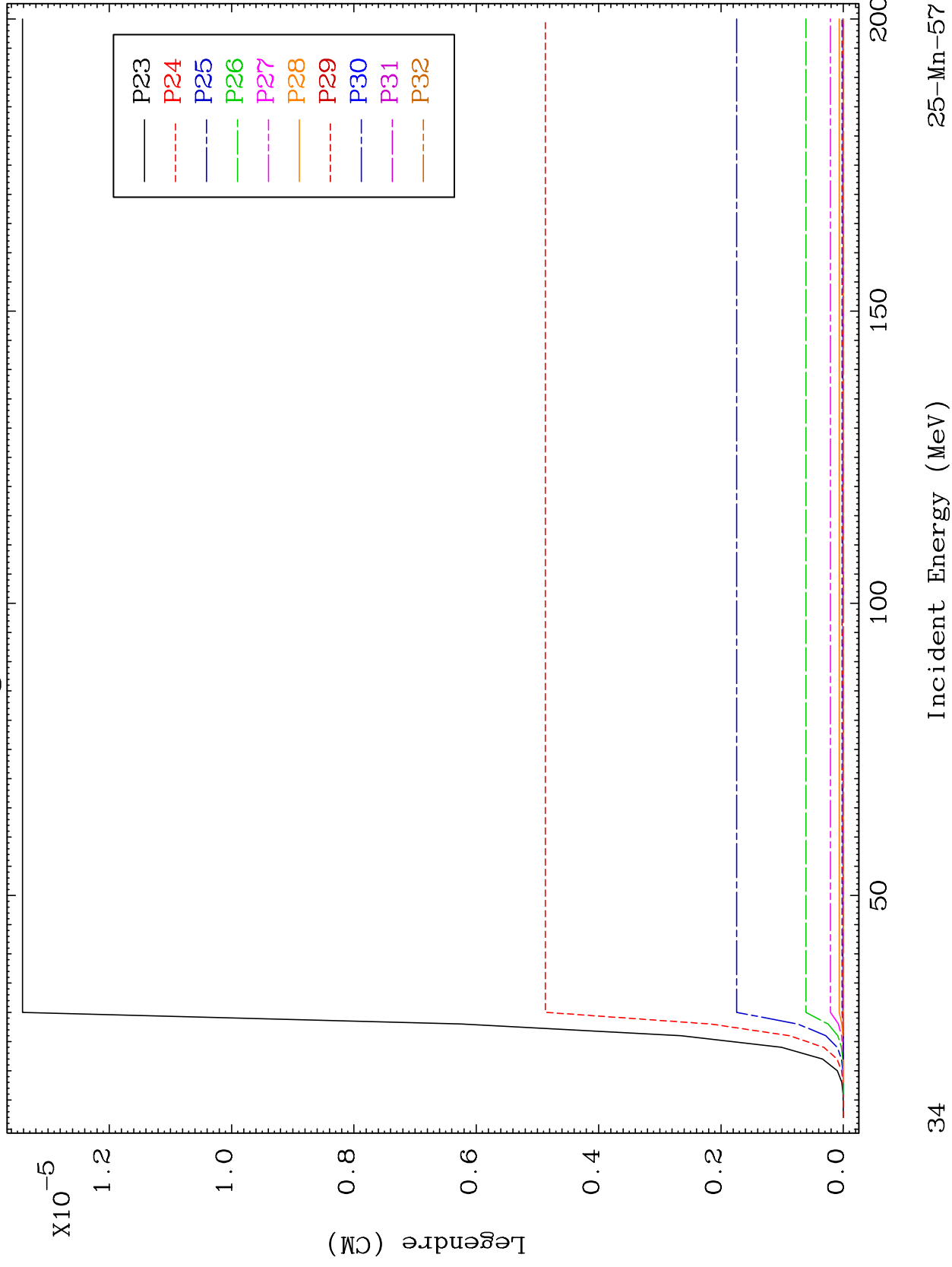




MAT 2531

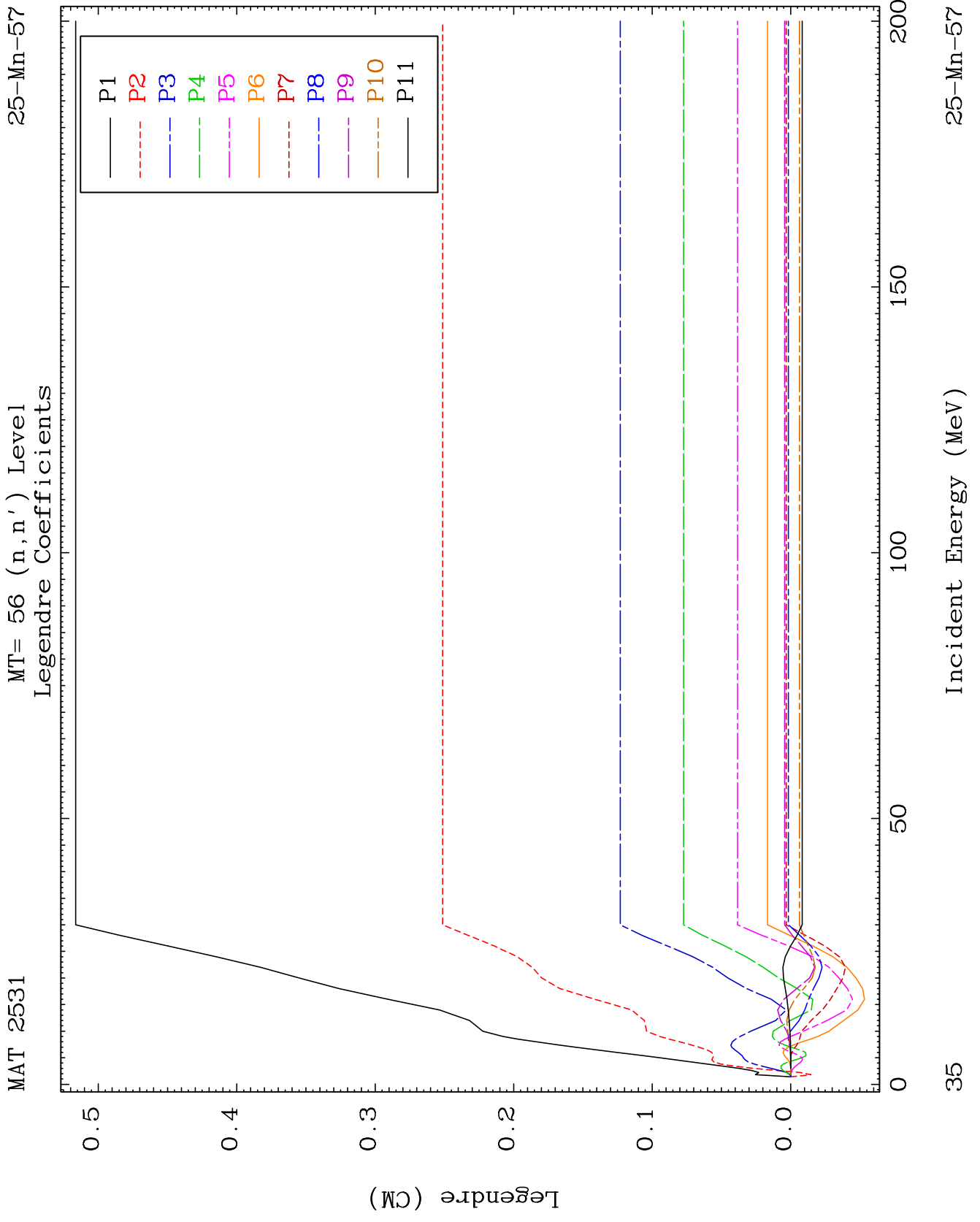
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Legendre Coefficients

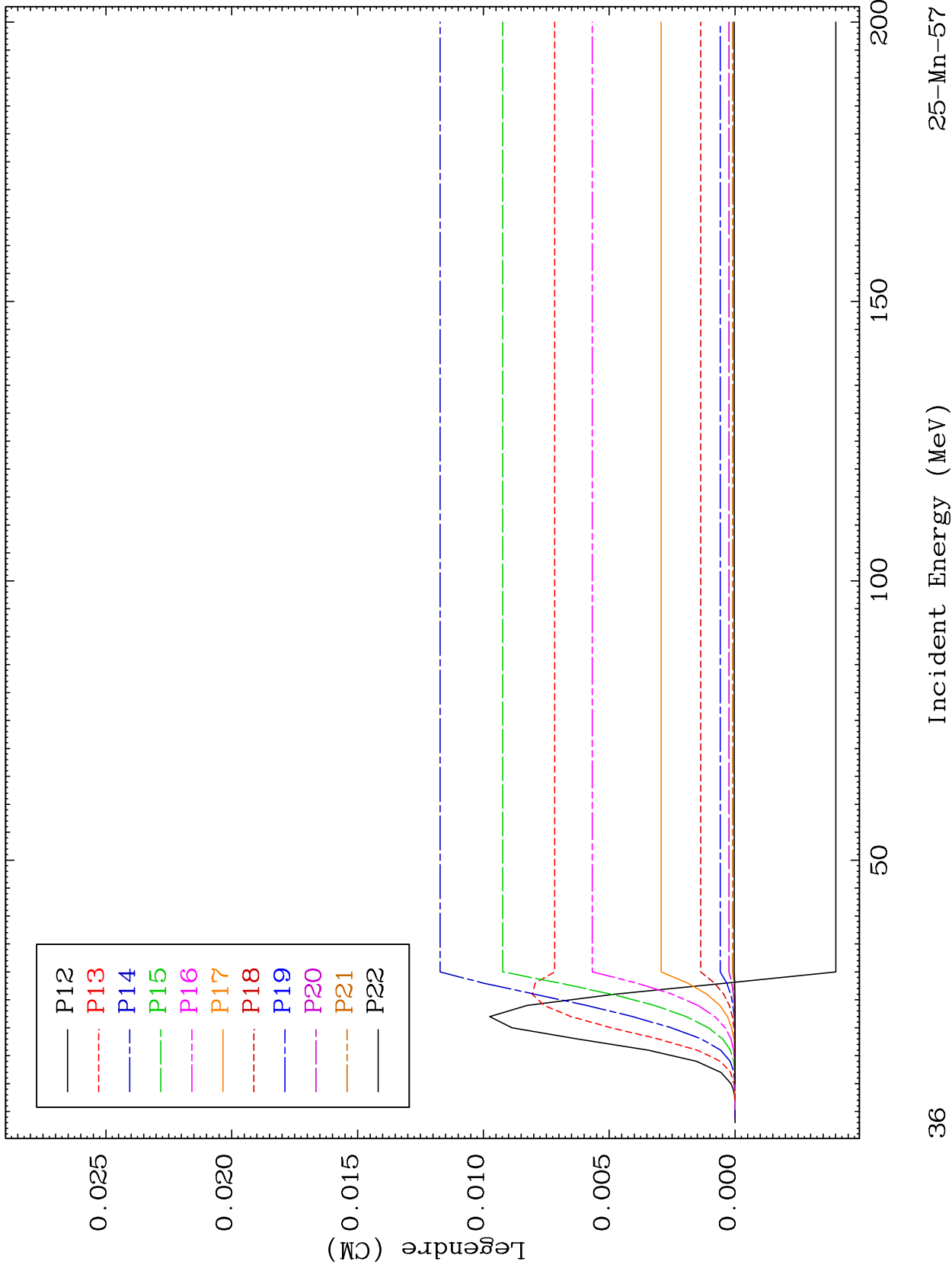
25-Mn-57



34

25-Mn-57

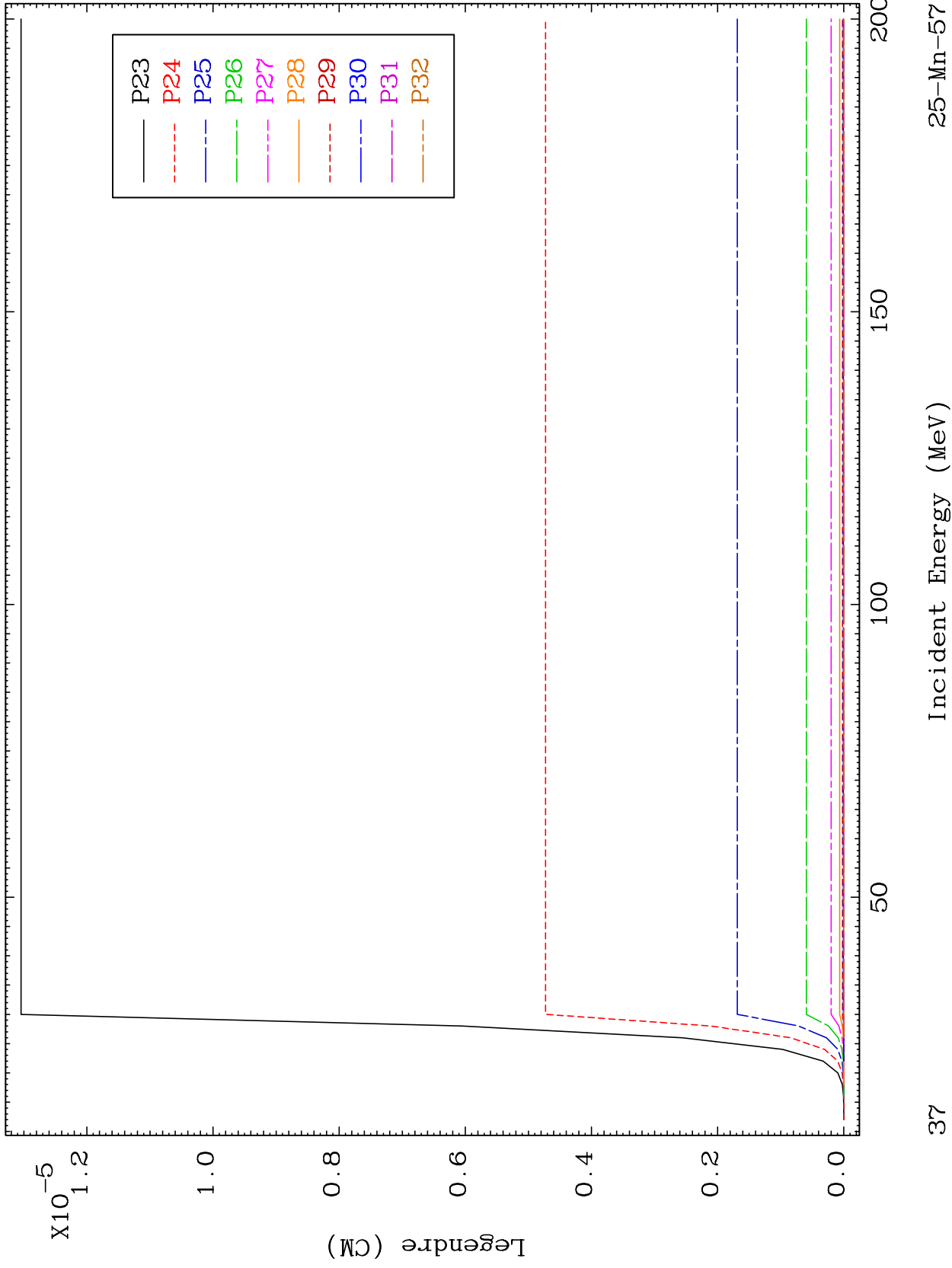




MAT 2531

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

25-Mn-57

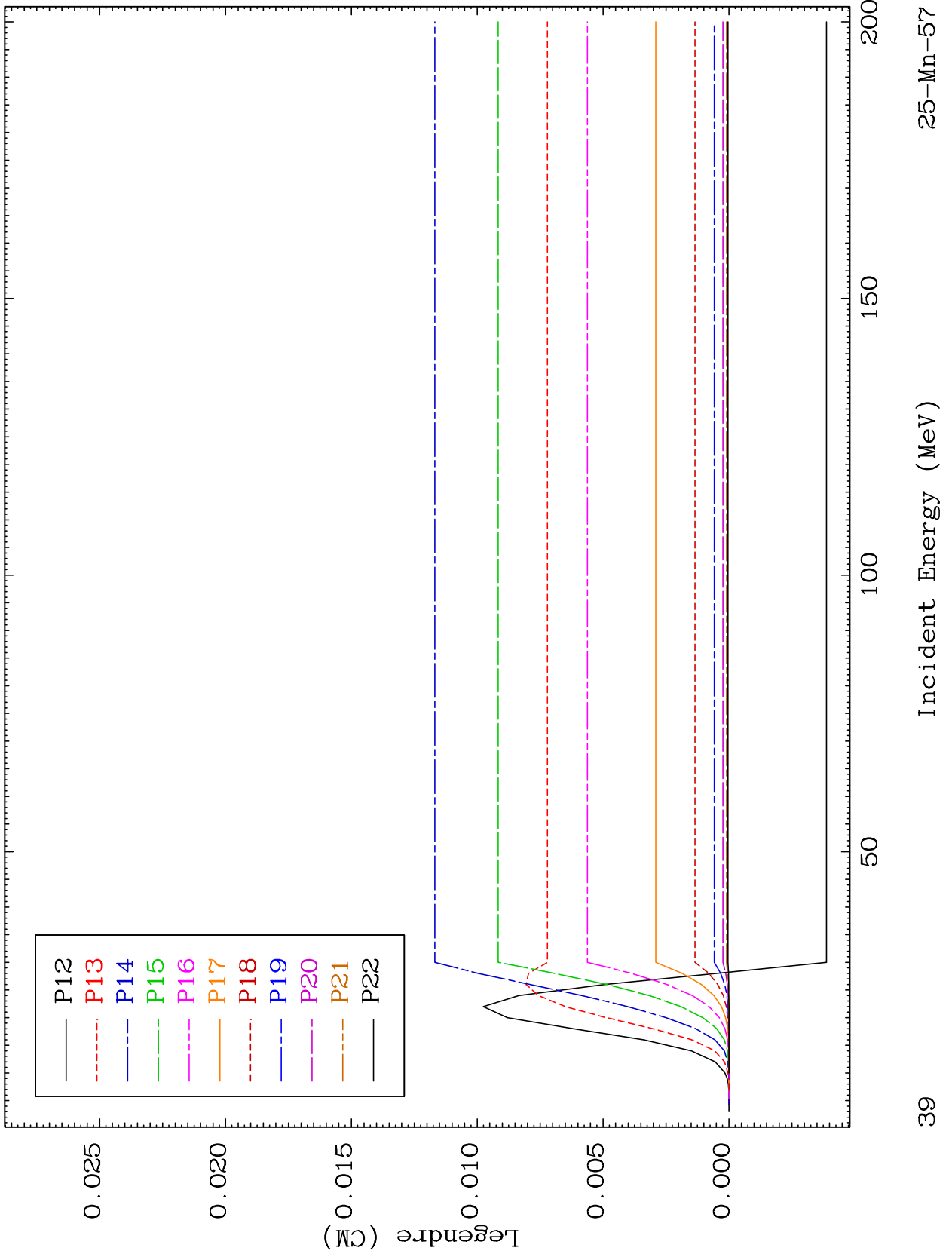


37

Incident Energy (MeV)

25-Mn-57

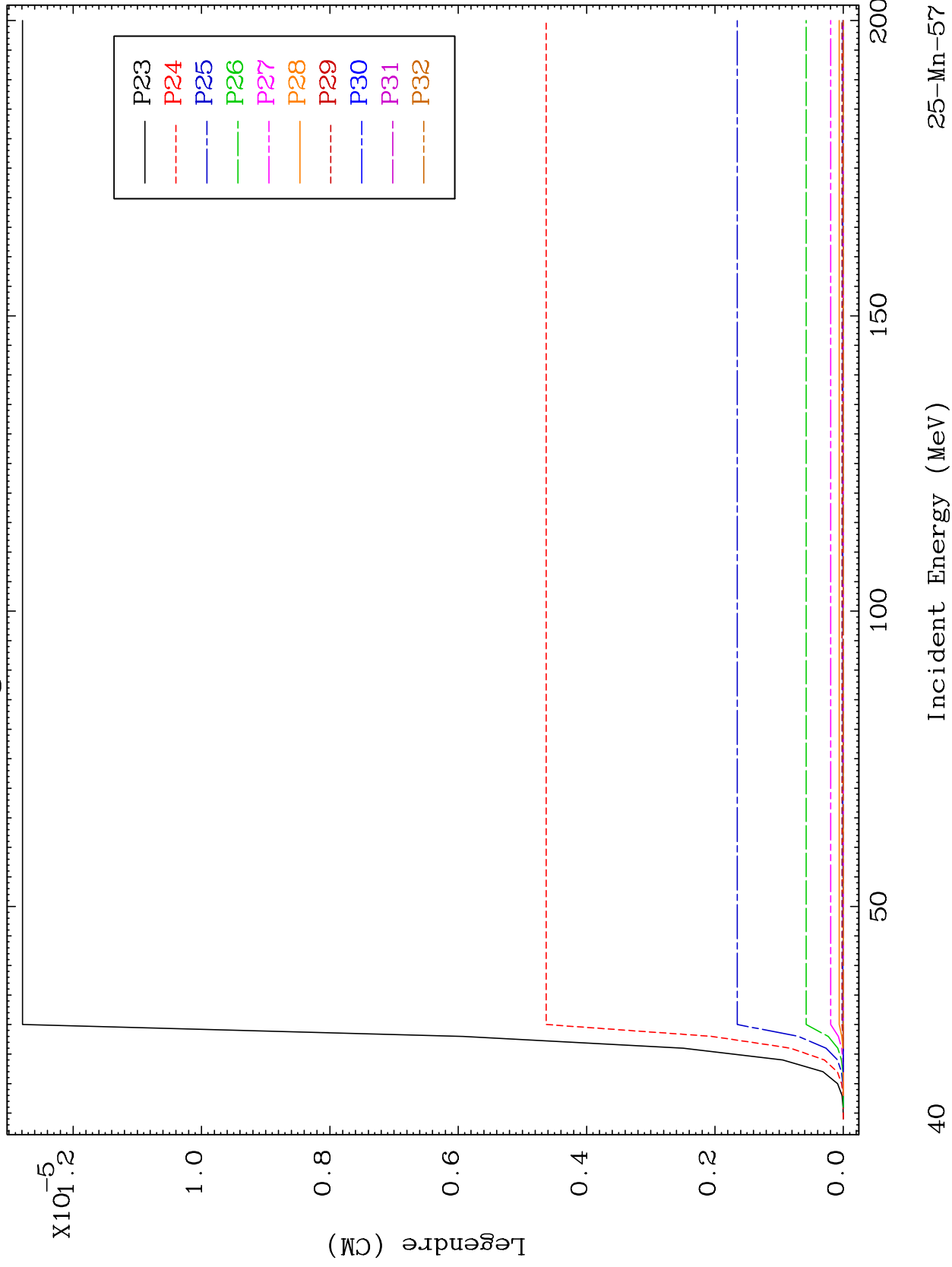




MAT 2531

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

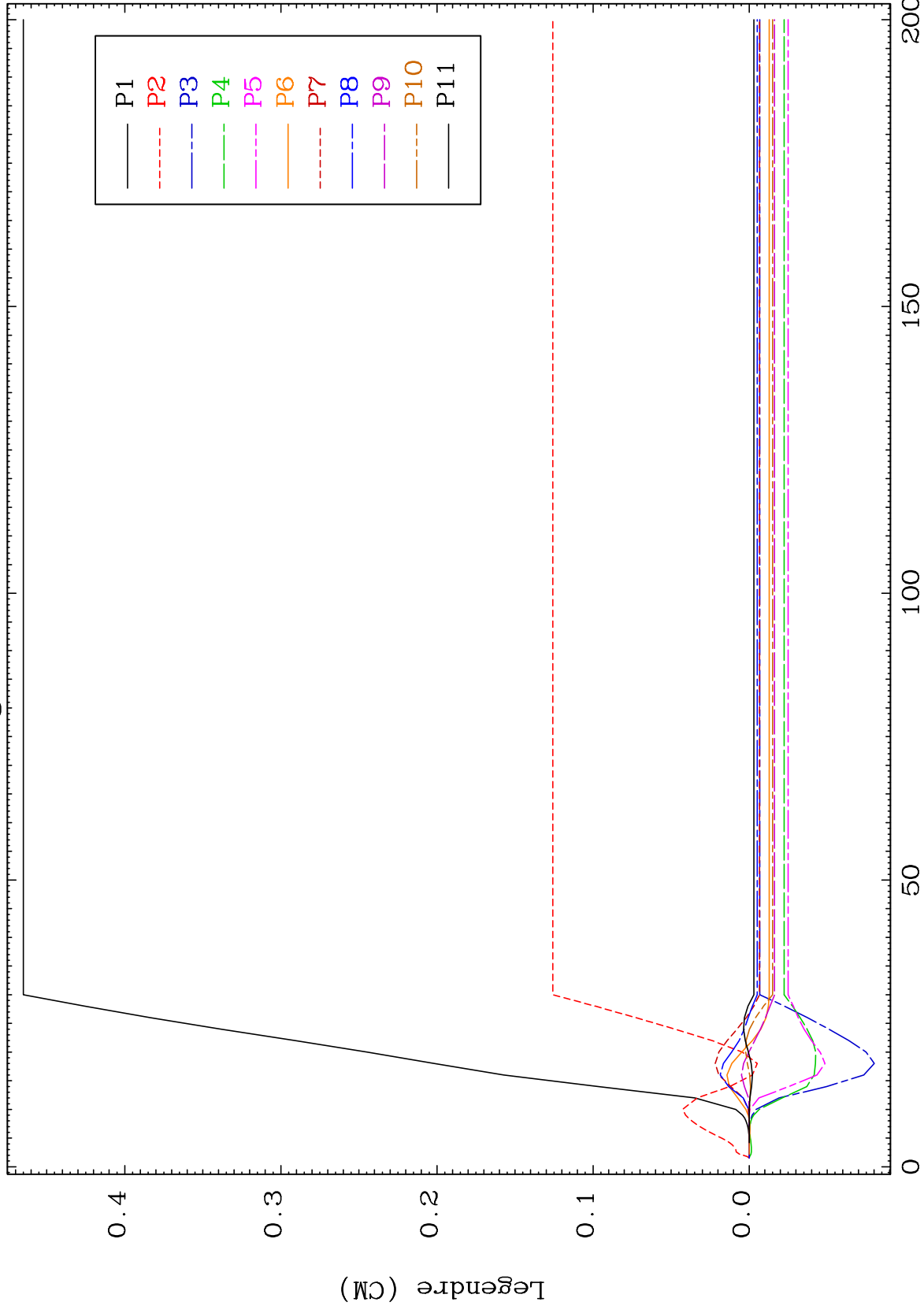
25-Mn-57



MAT 2531

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

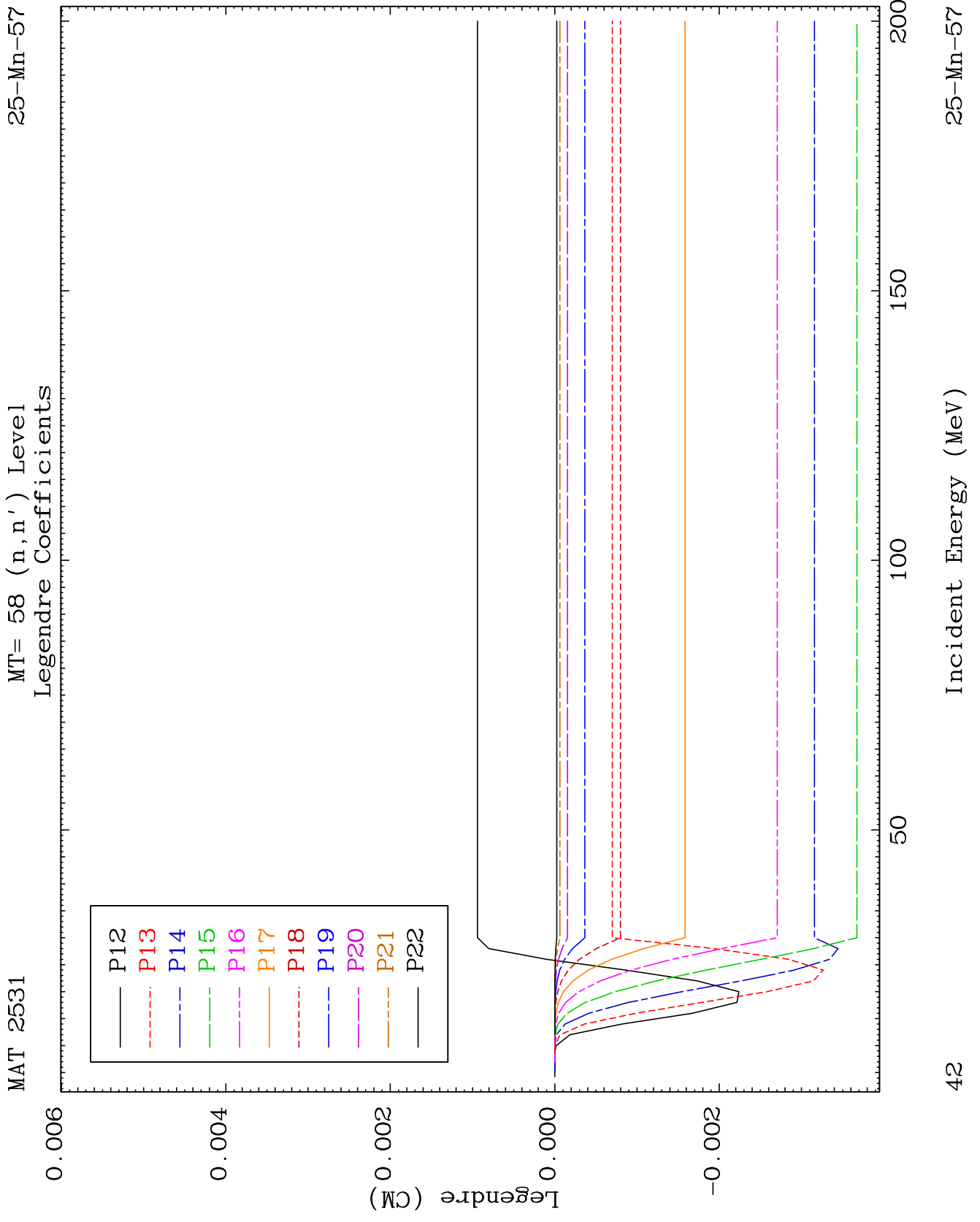
25-Mn-57



41

Incident Energy (MeV)

25-Mn-57

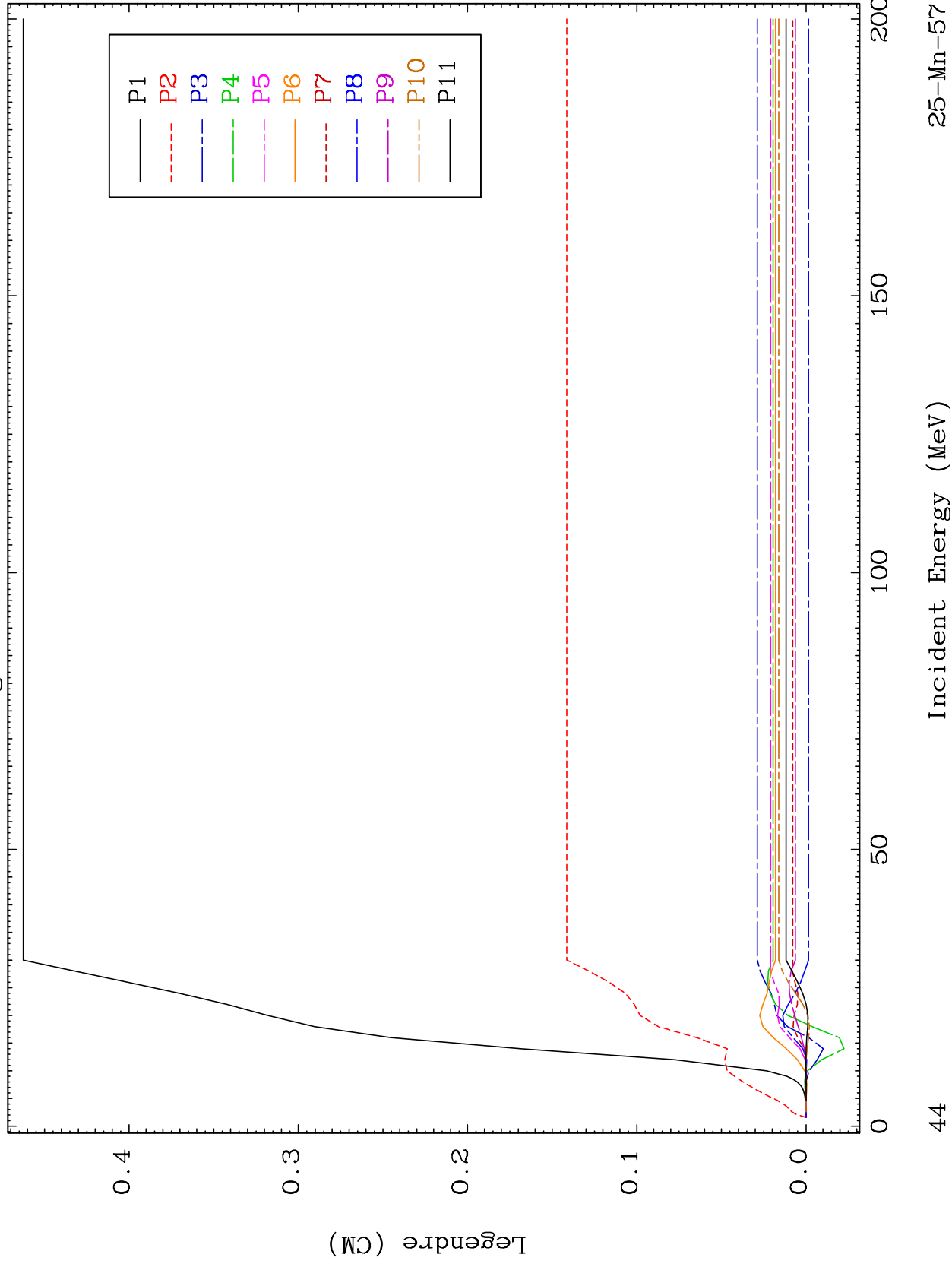




MAT 2531

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

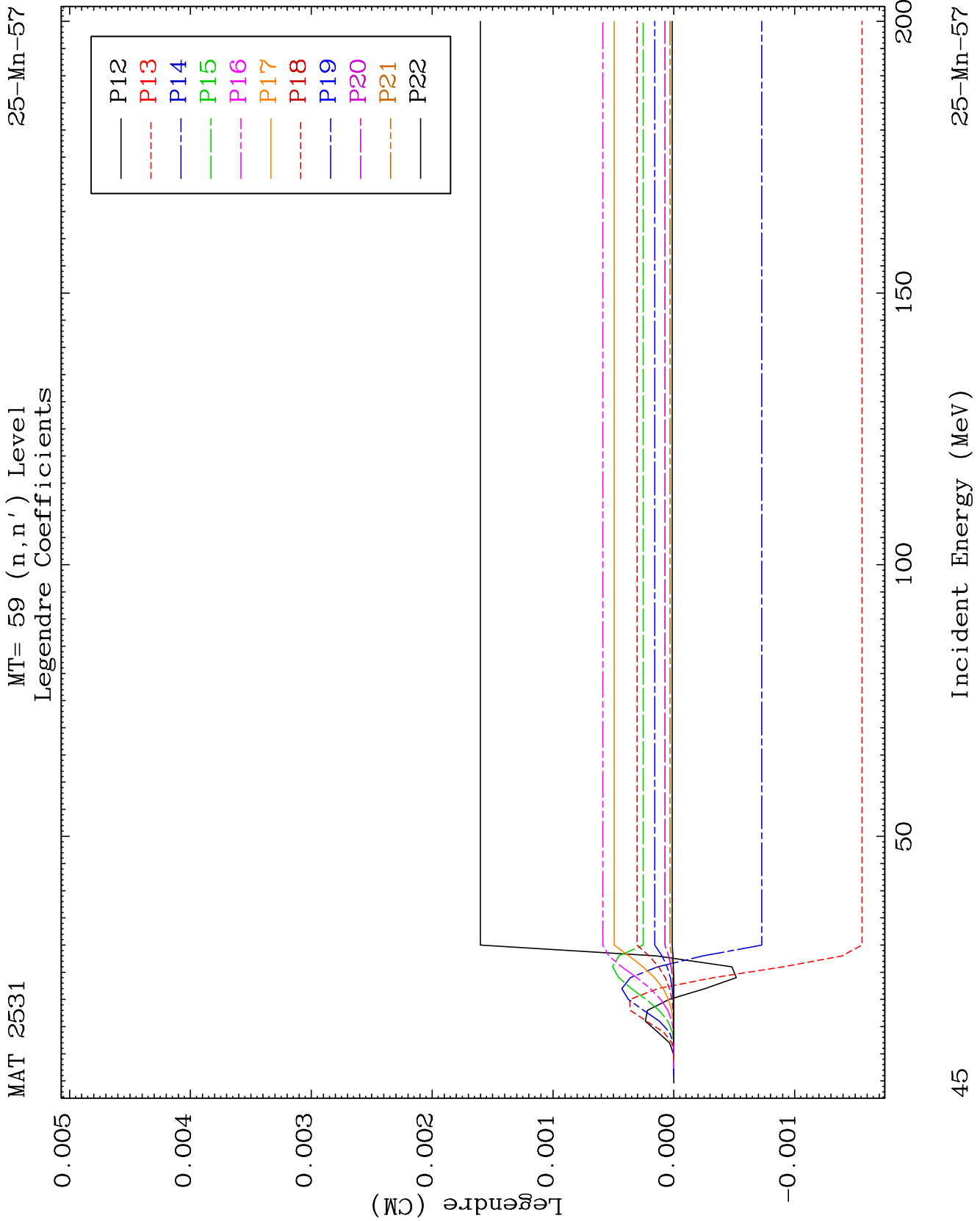
25-Mn-57



44

Incident Energy (MeV)

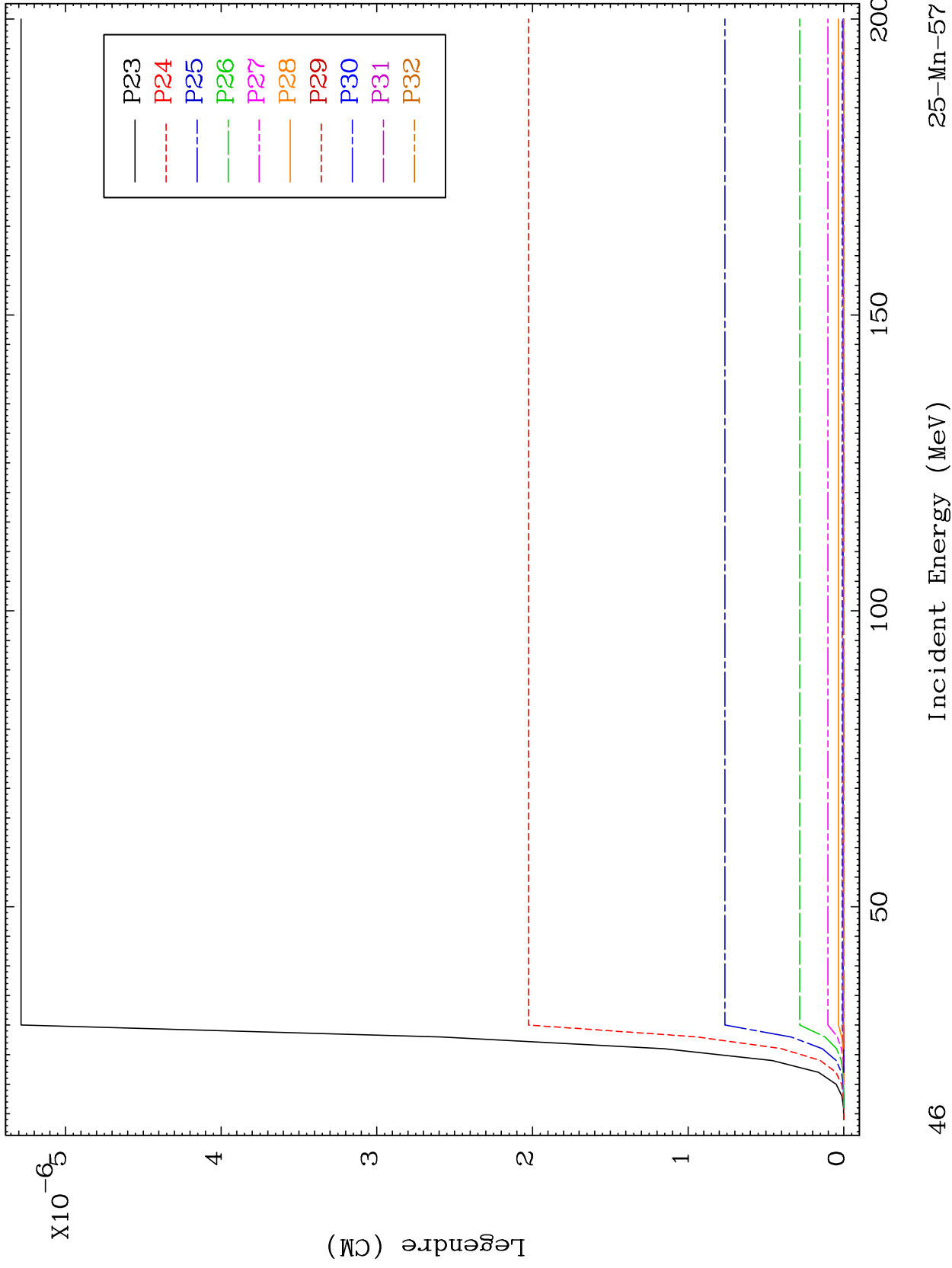
25-Mn-57



MAT 2531

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

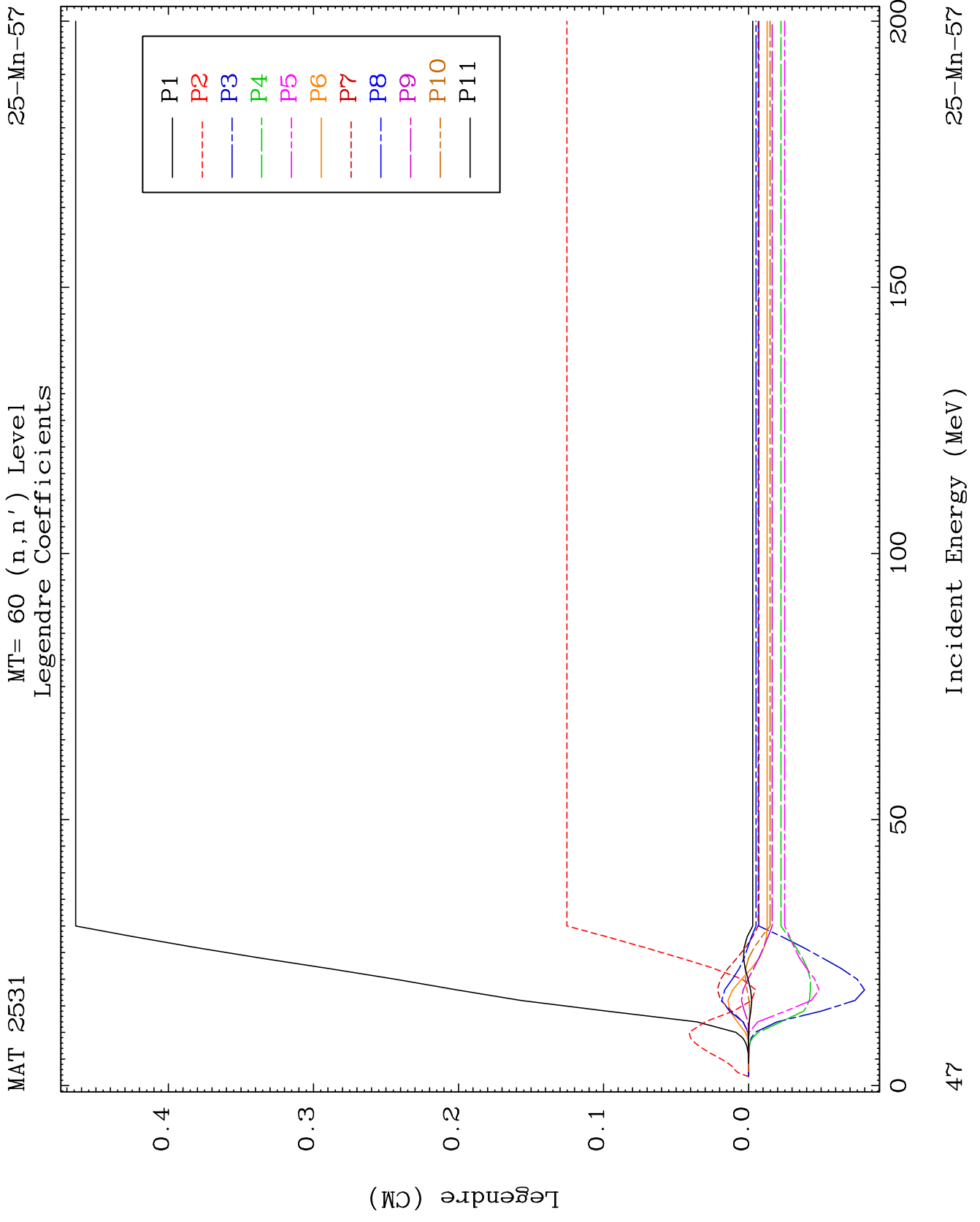
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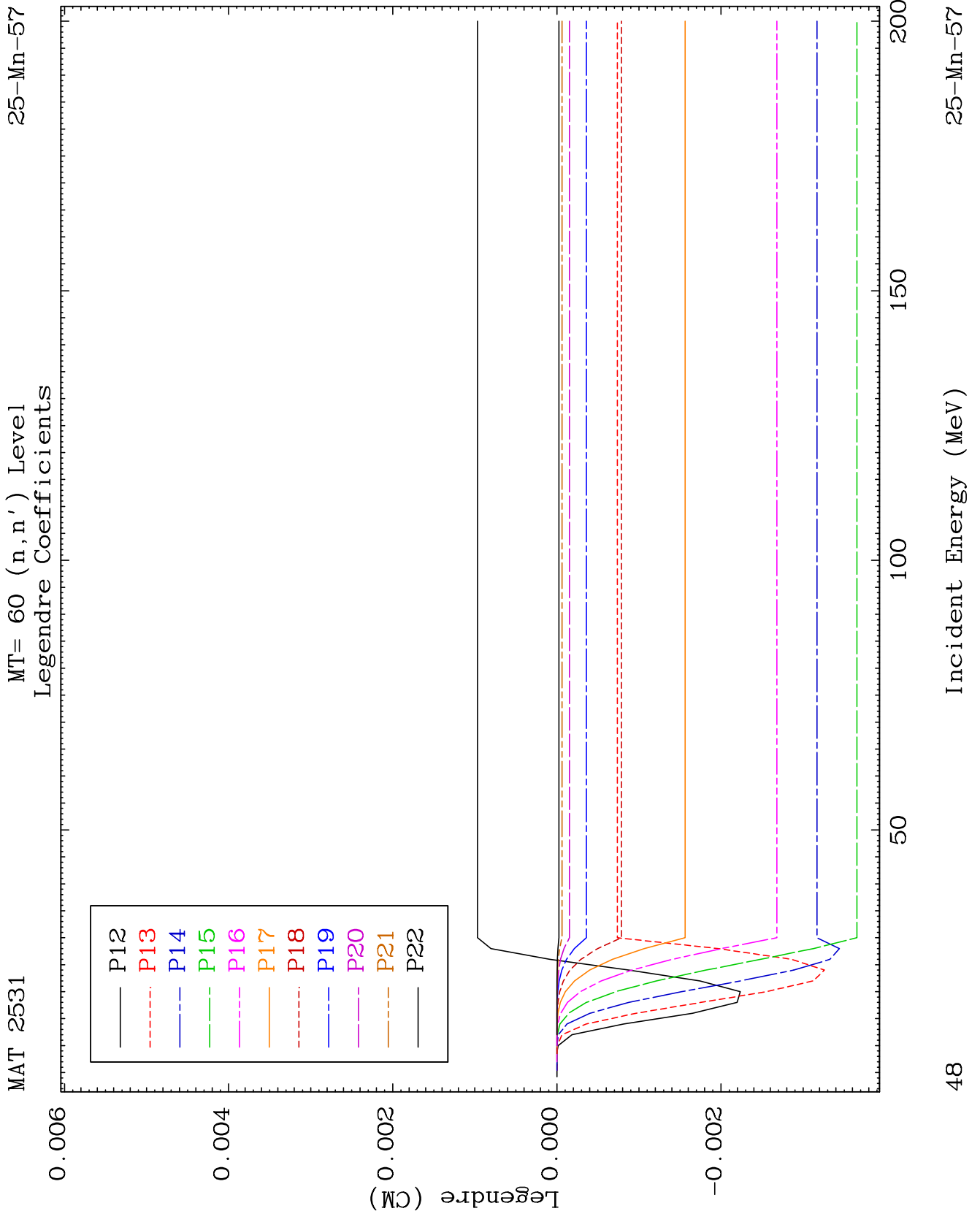


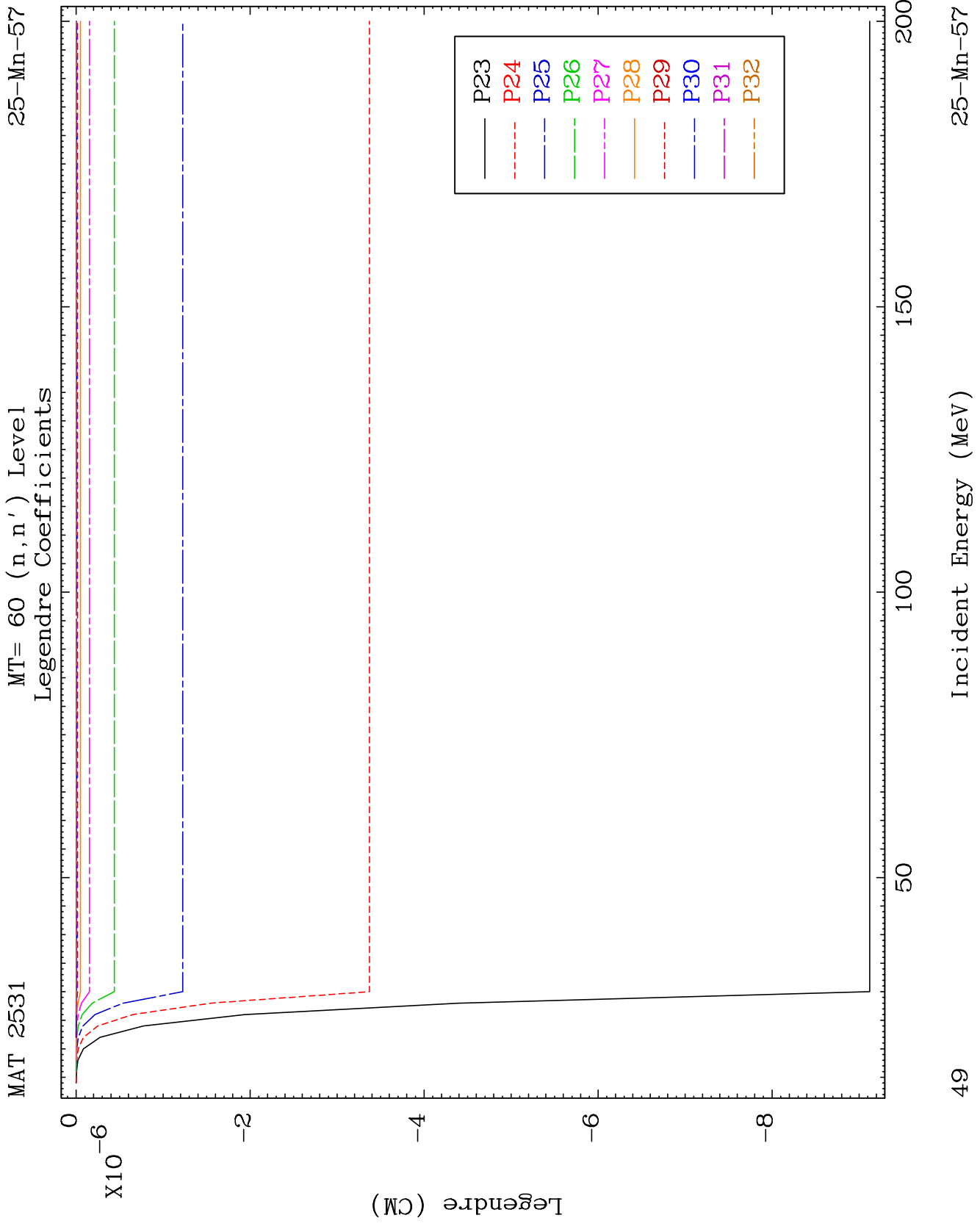
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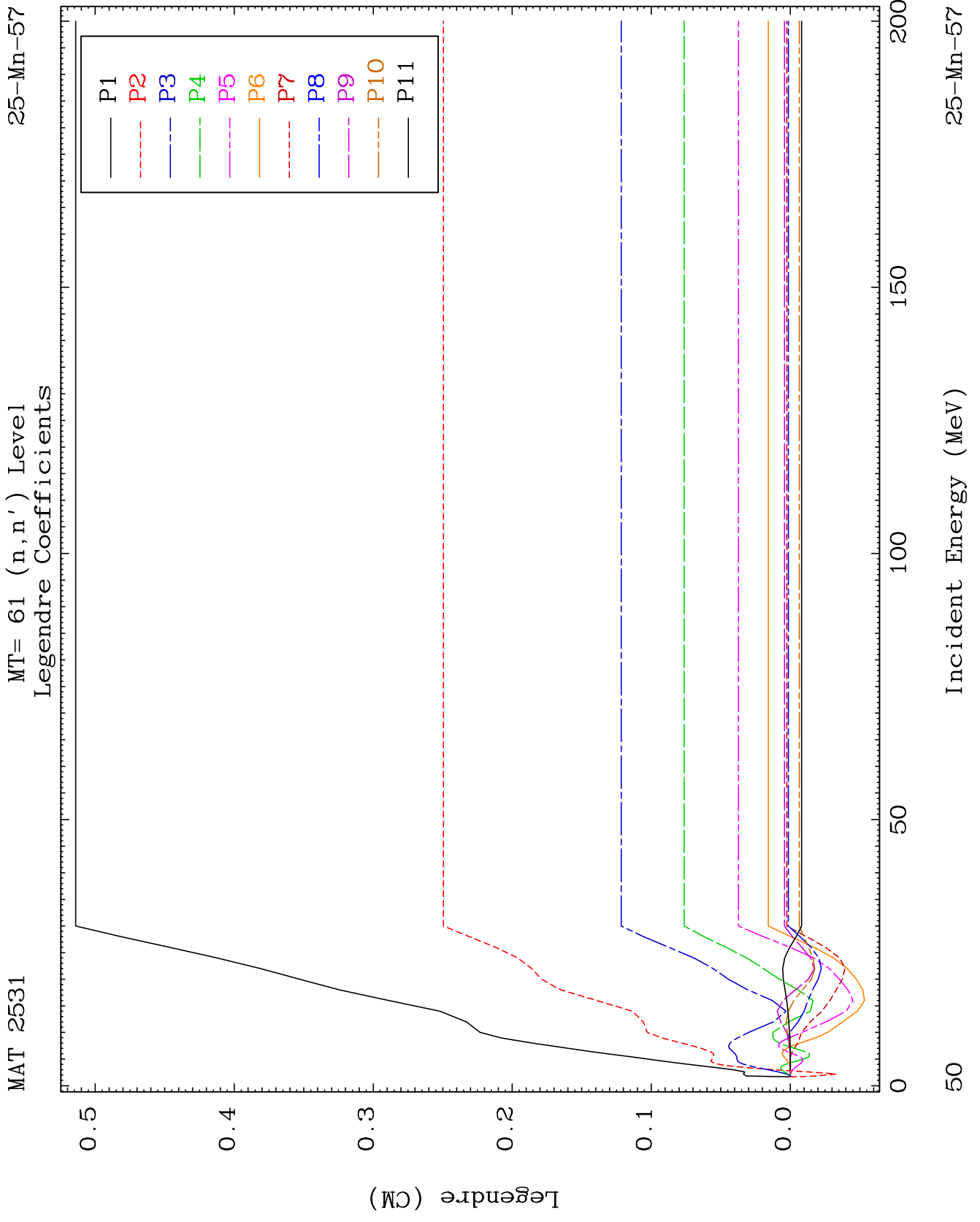
Incident Energy (MeV)

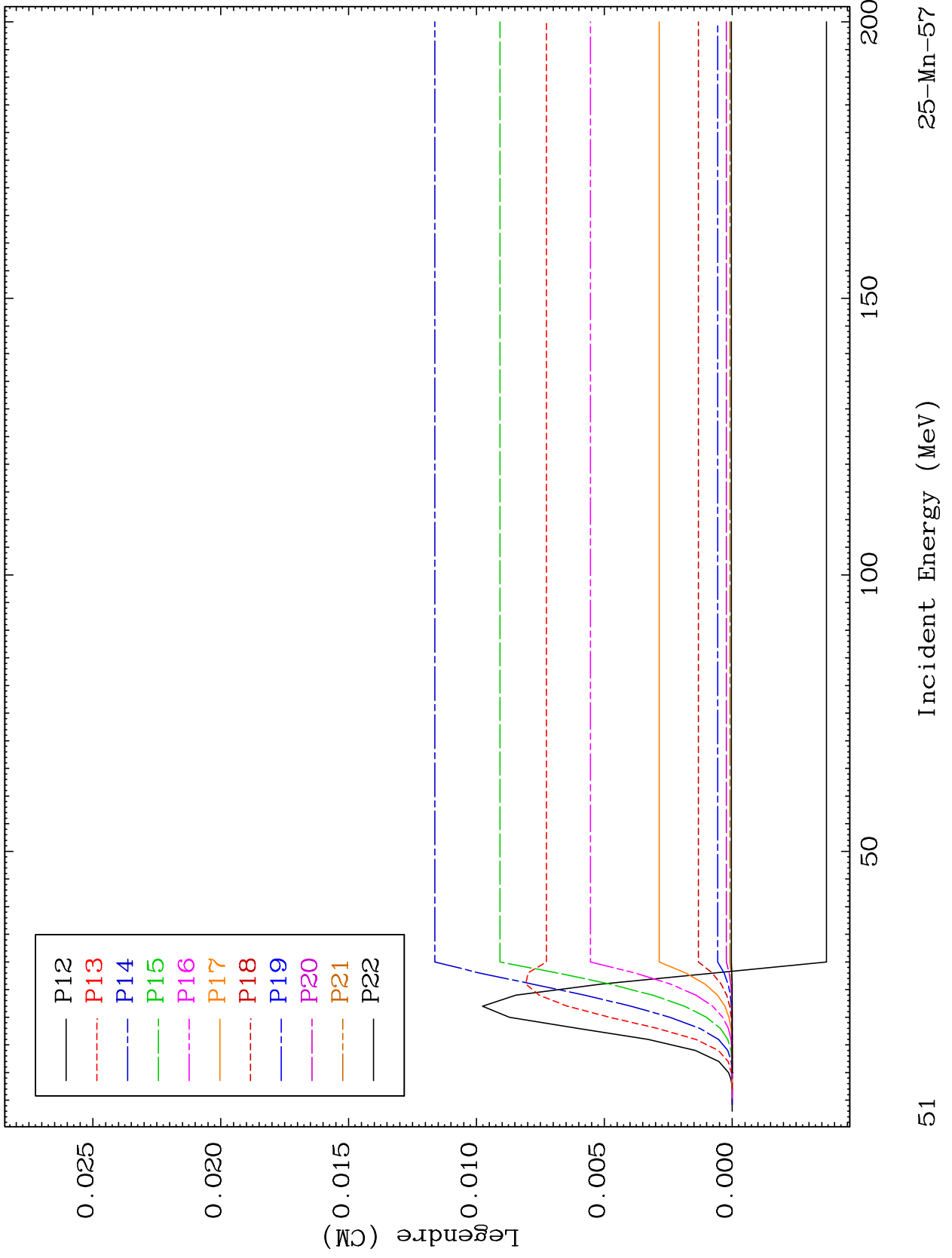
25-Mn-57







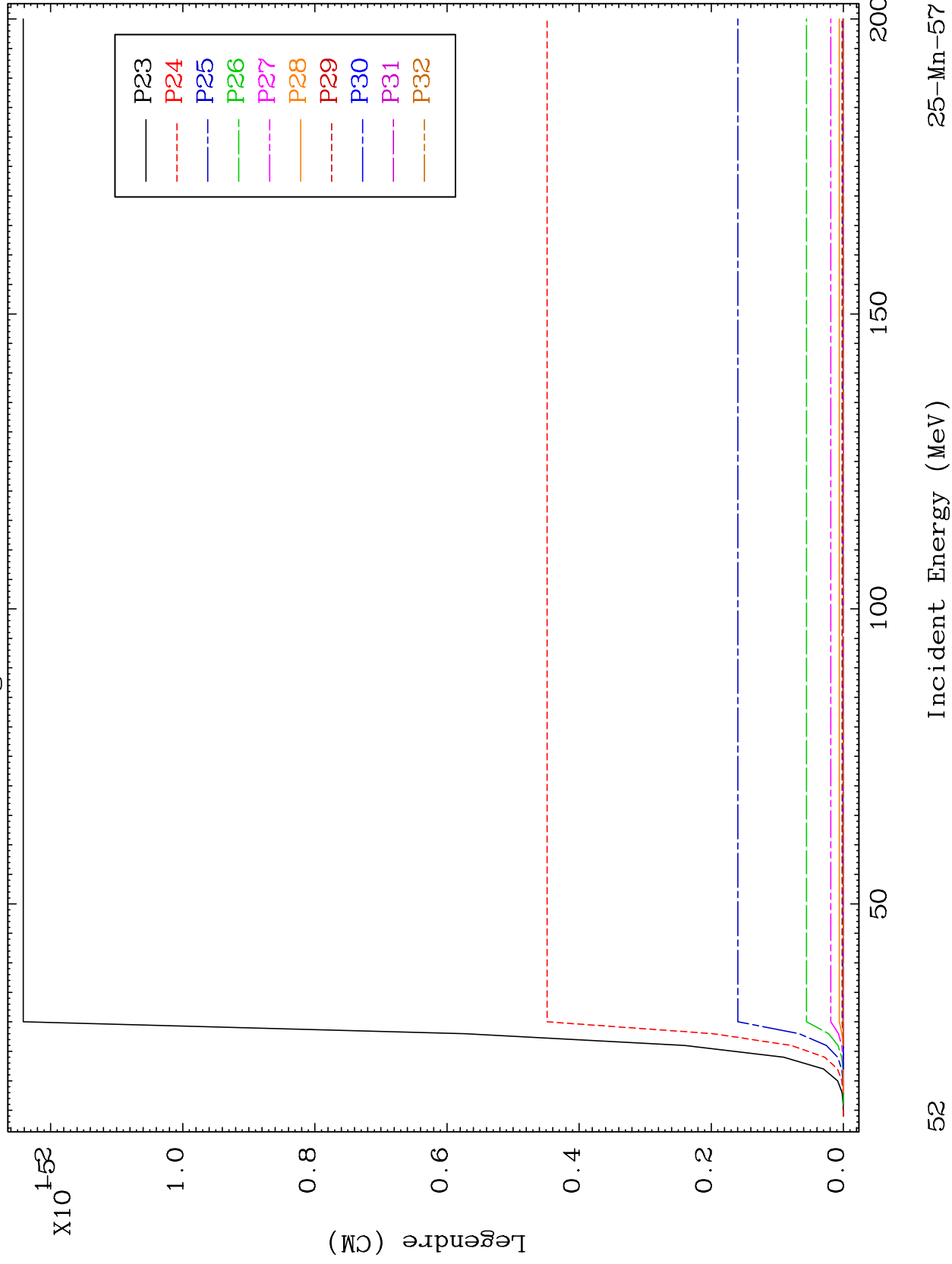




MAT 2531

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

25-Mn-57



52

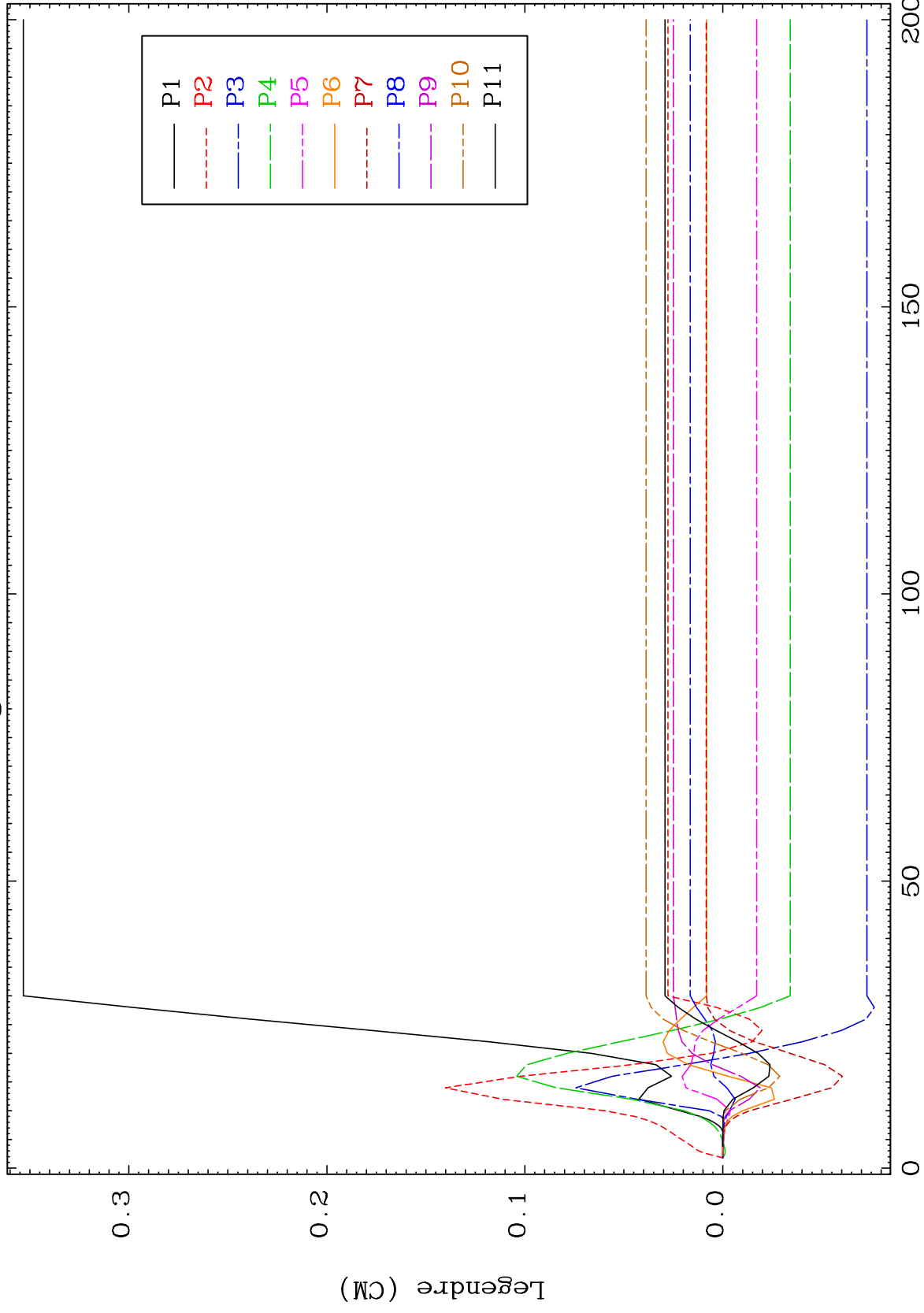
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



53

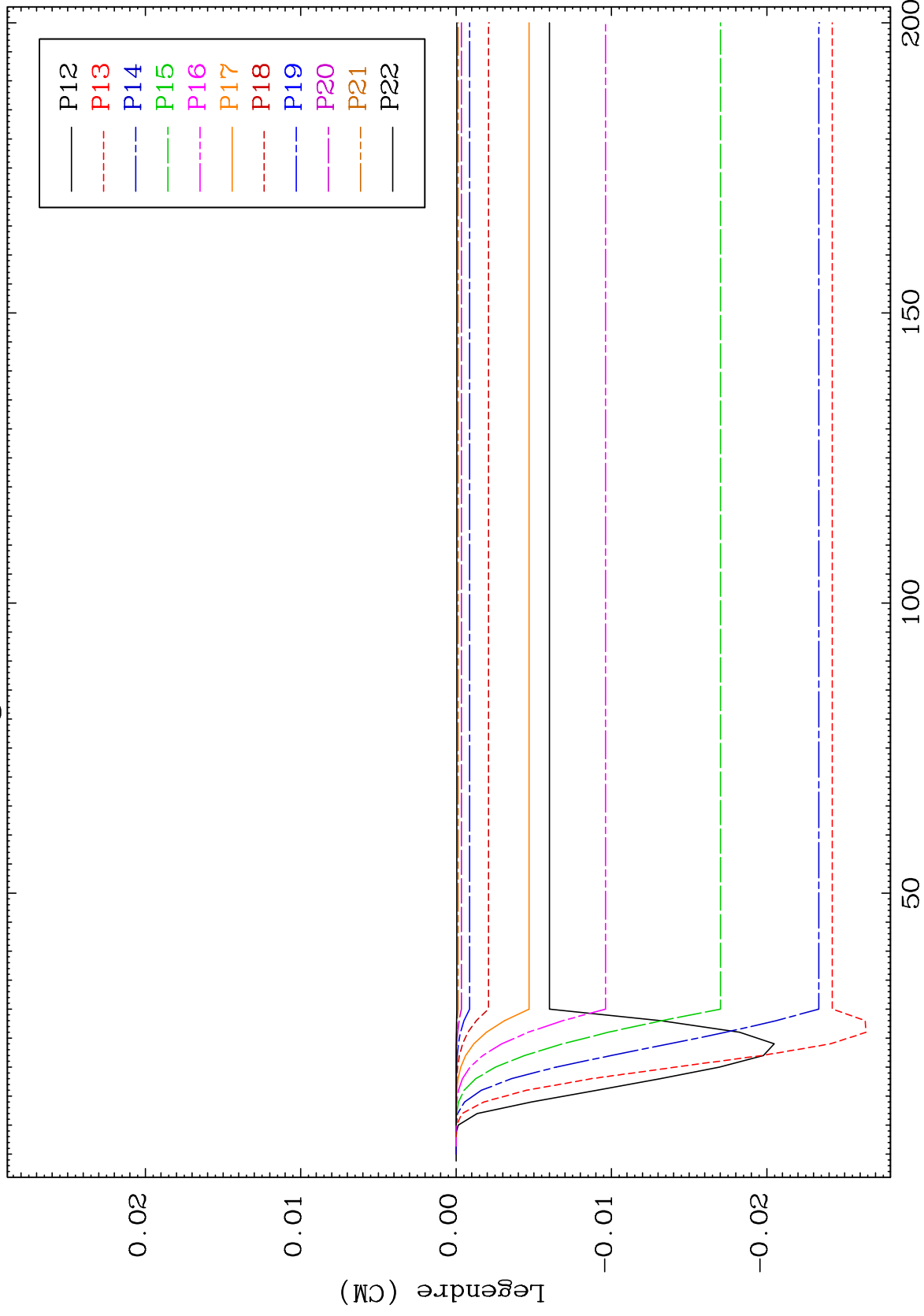
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

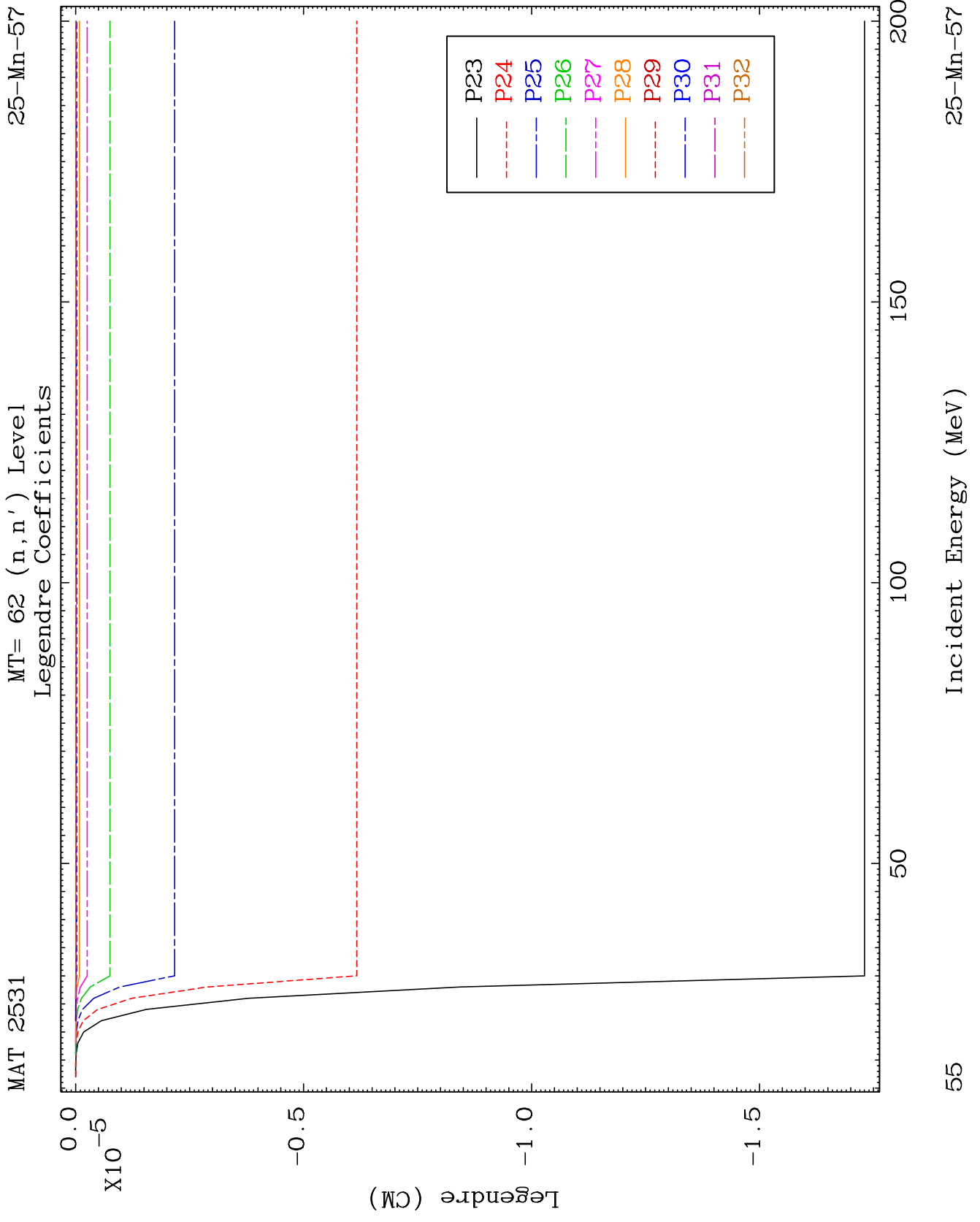
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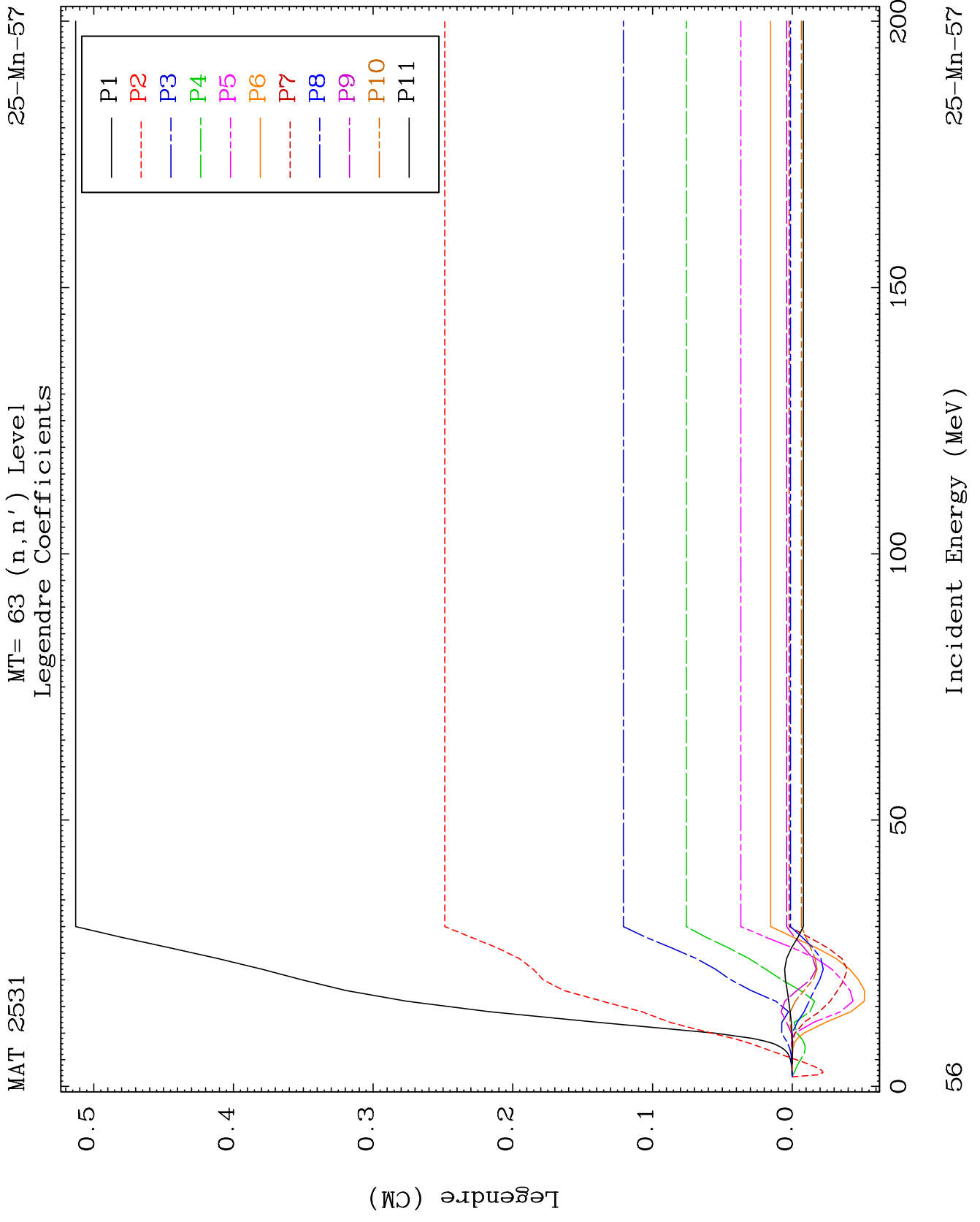


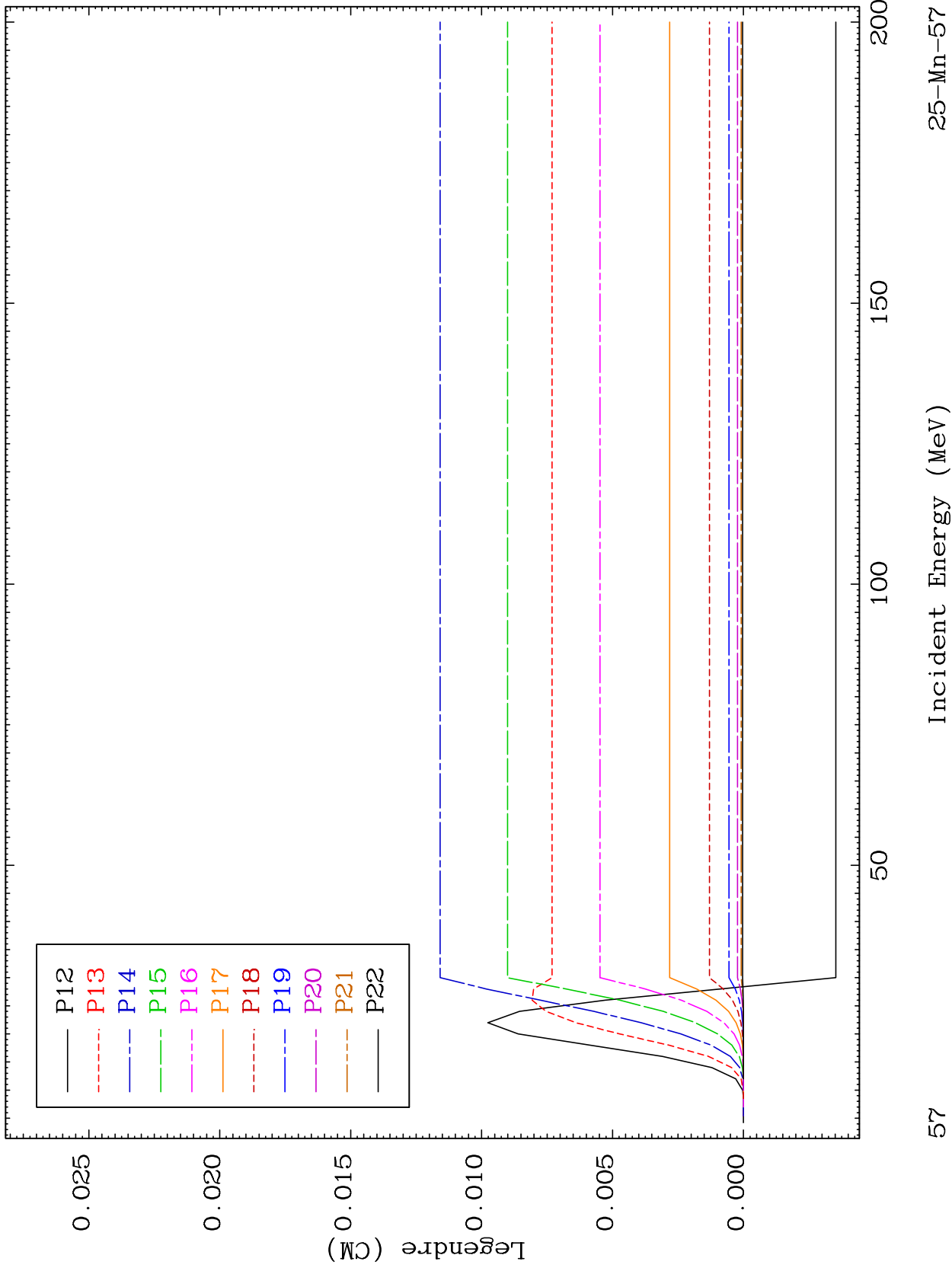
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Incident Energy (MeV)

25-Mn-57



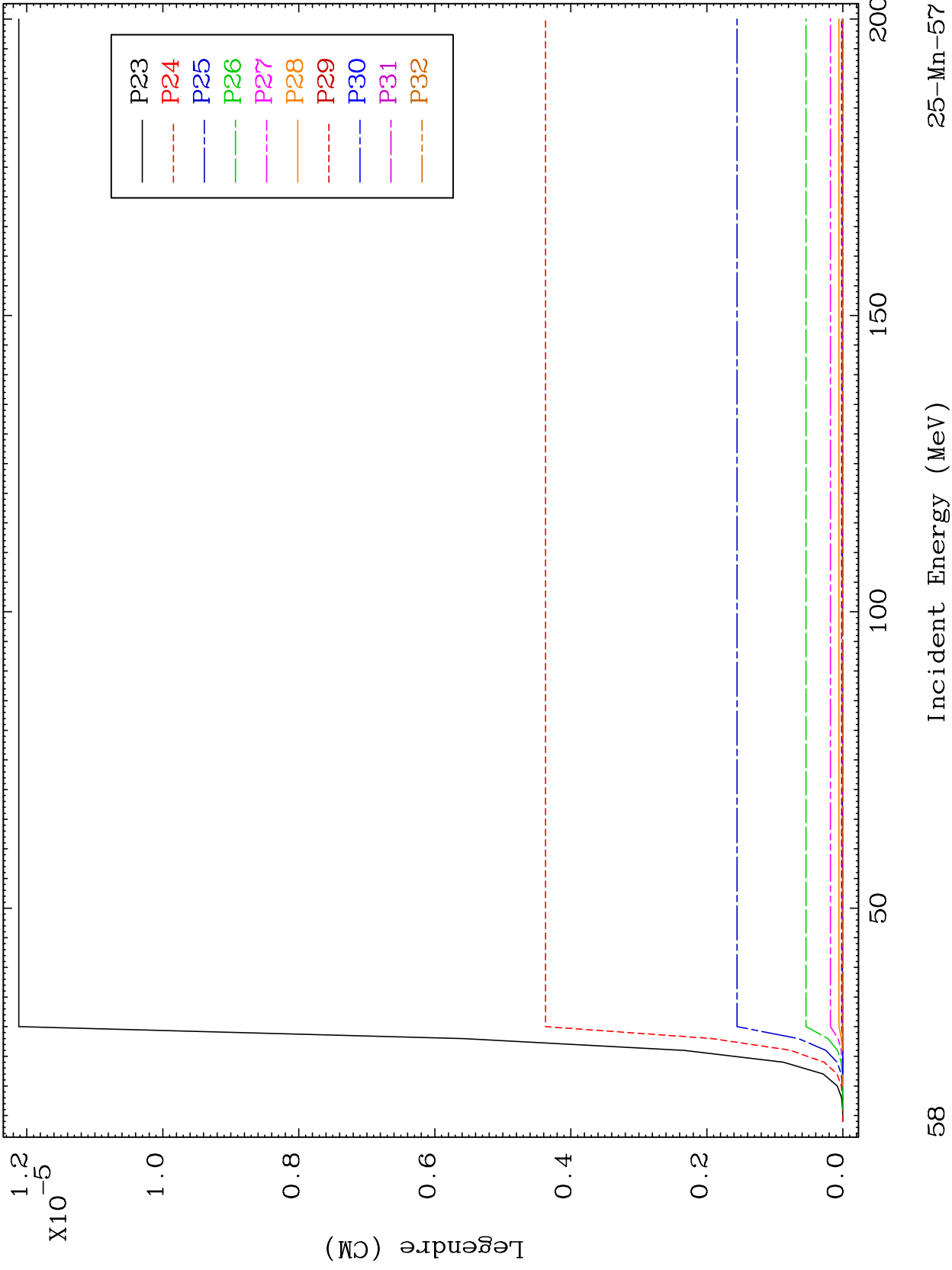




MAT 2531

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

25-Mn-57

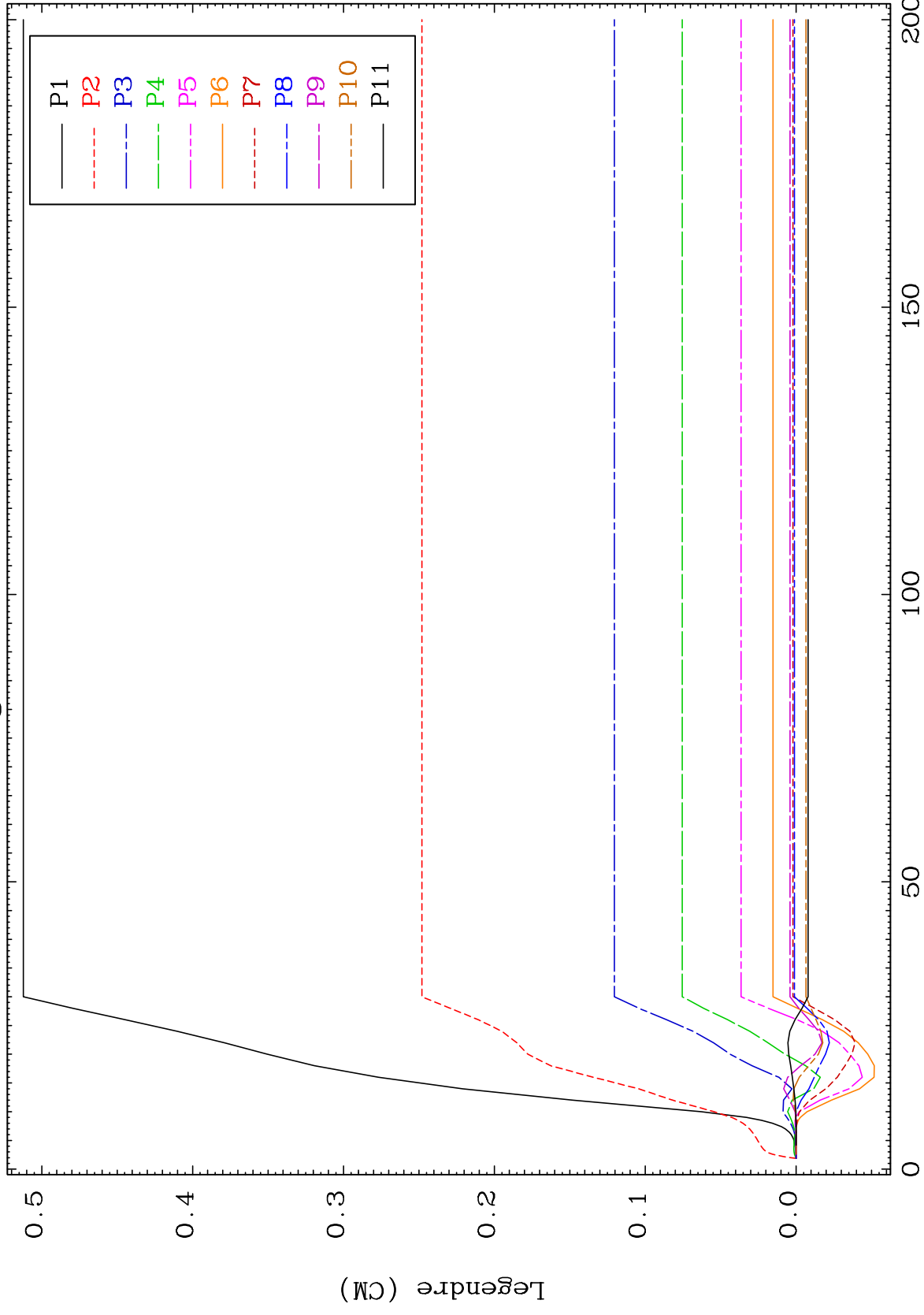


58

MAT 2531

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

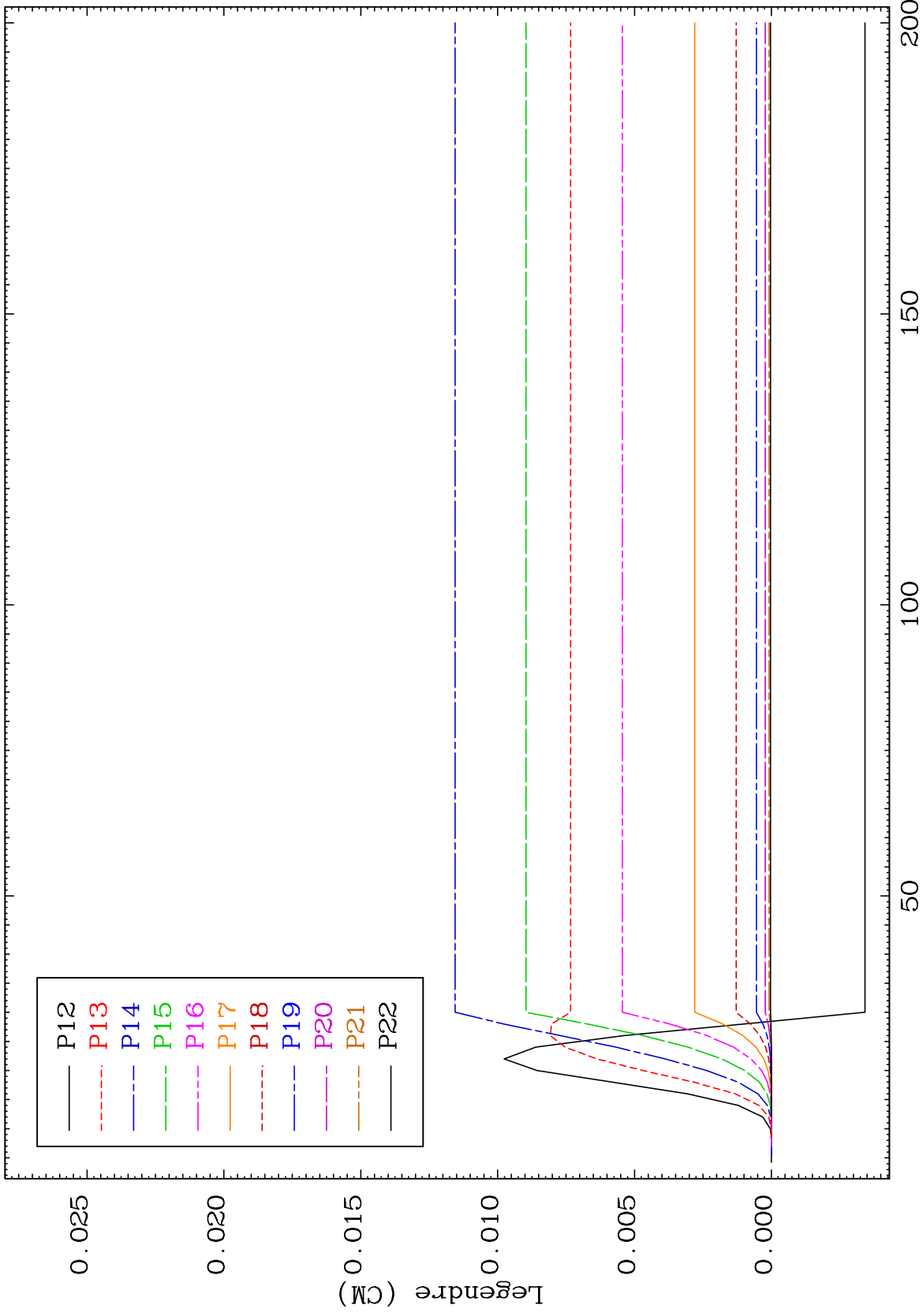
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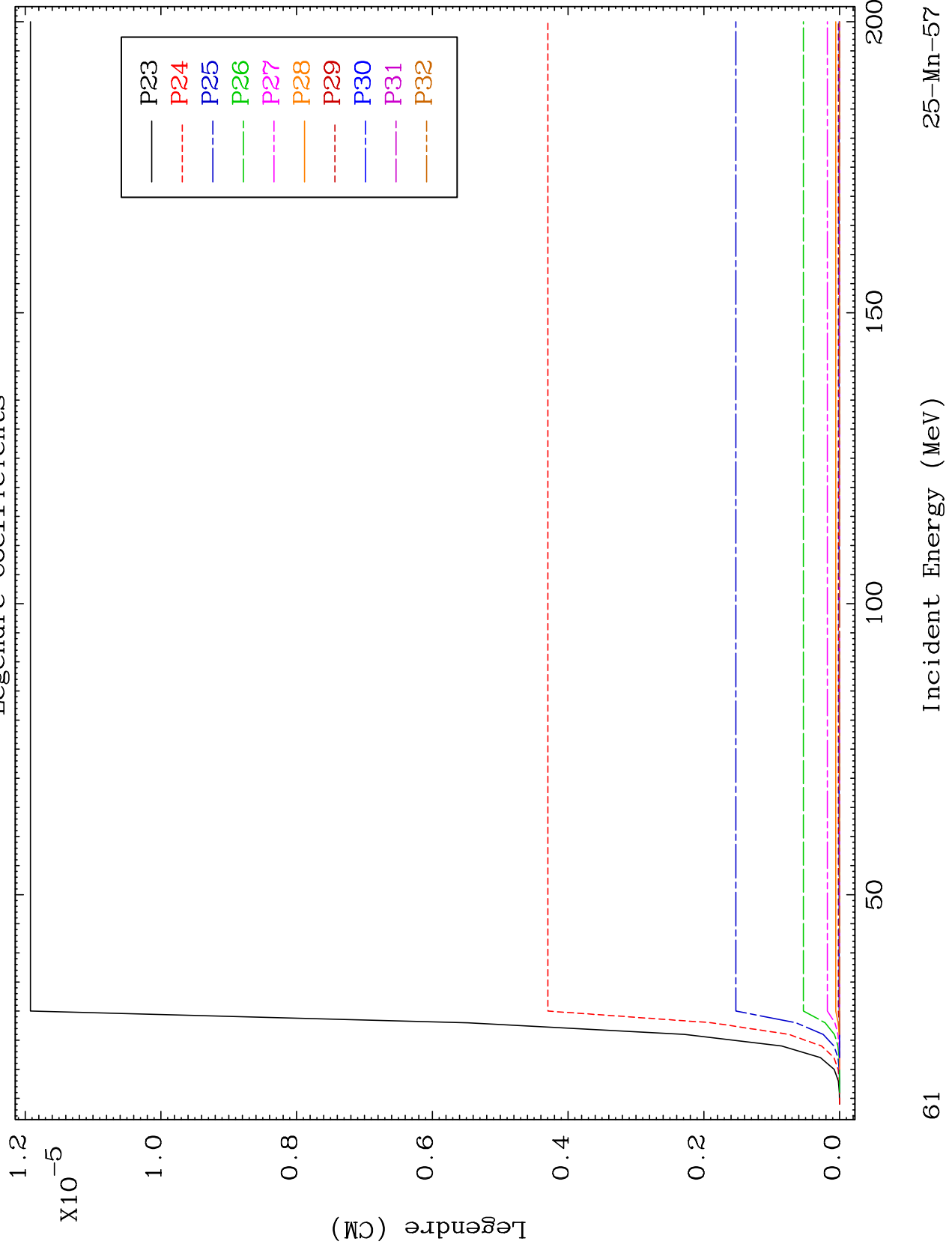


59

Incident Energy (MeV)

25-Mn-57

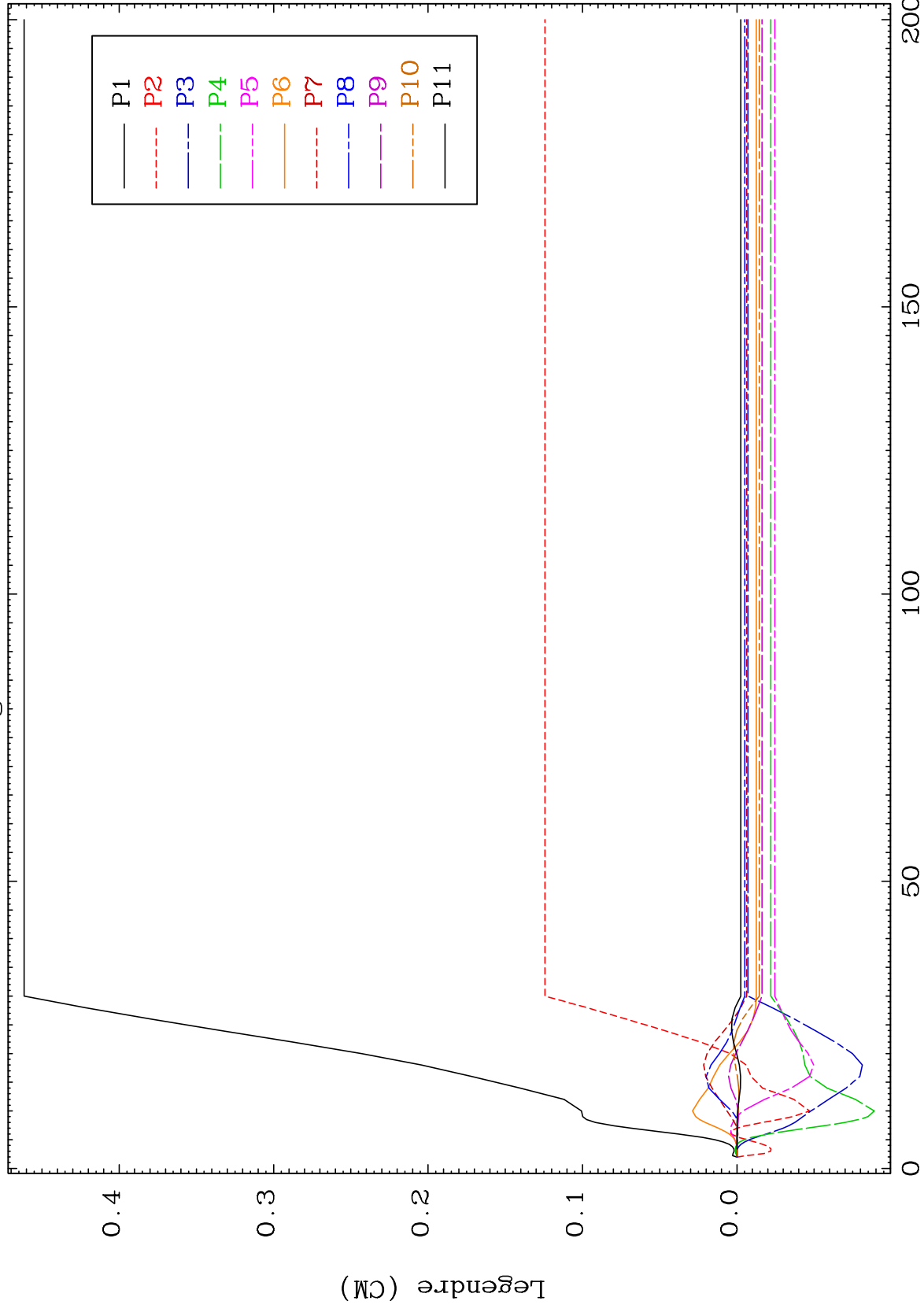




MAT 2531

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

25-Mn-57



62

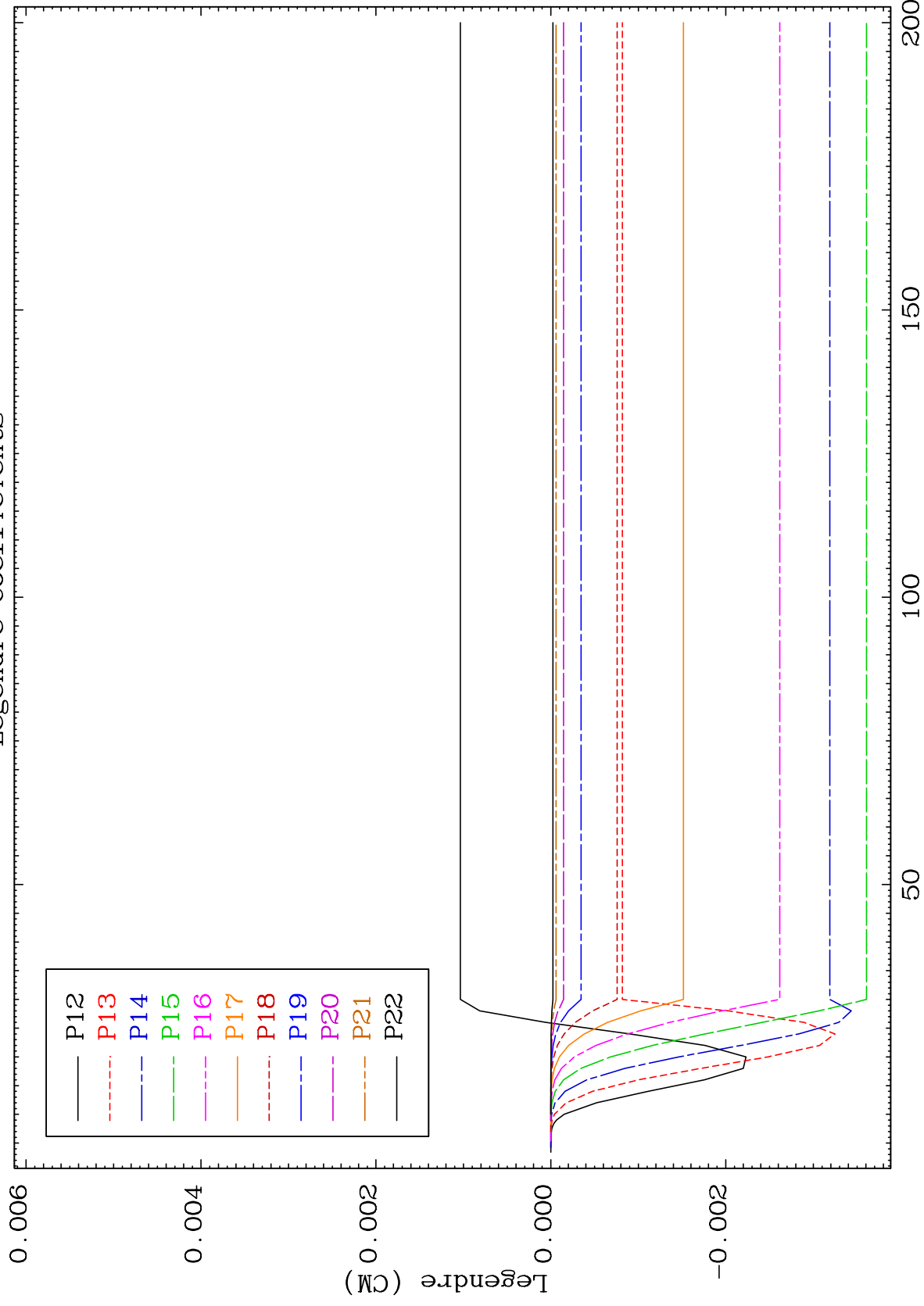
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

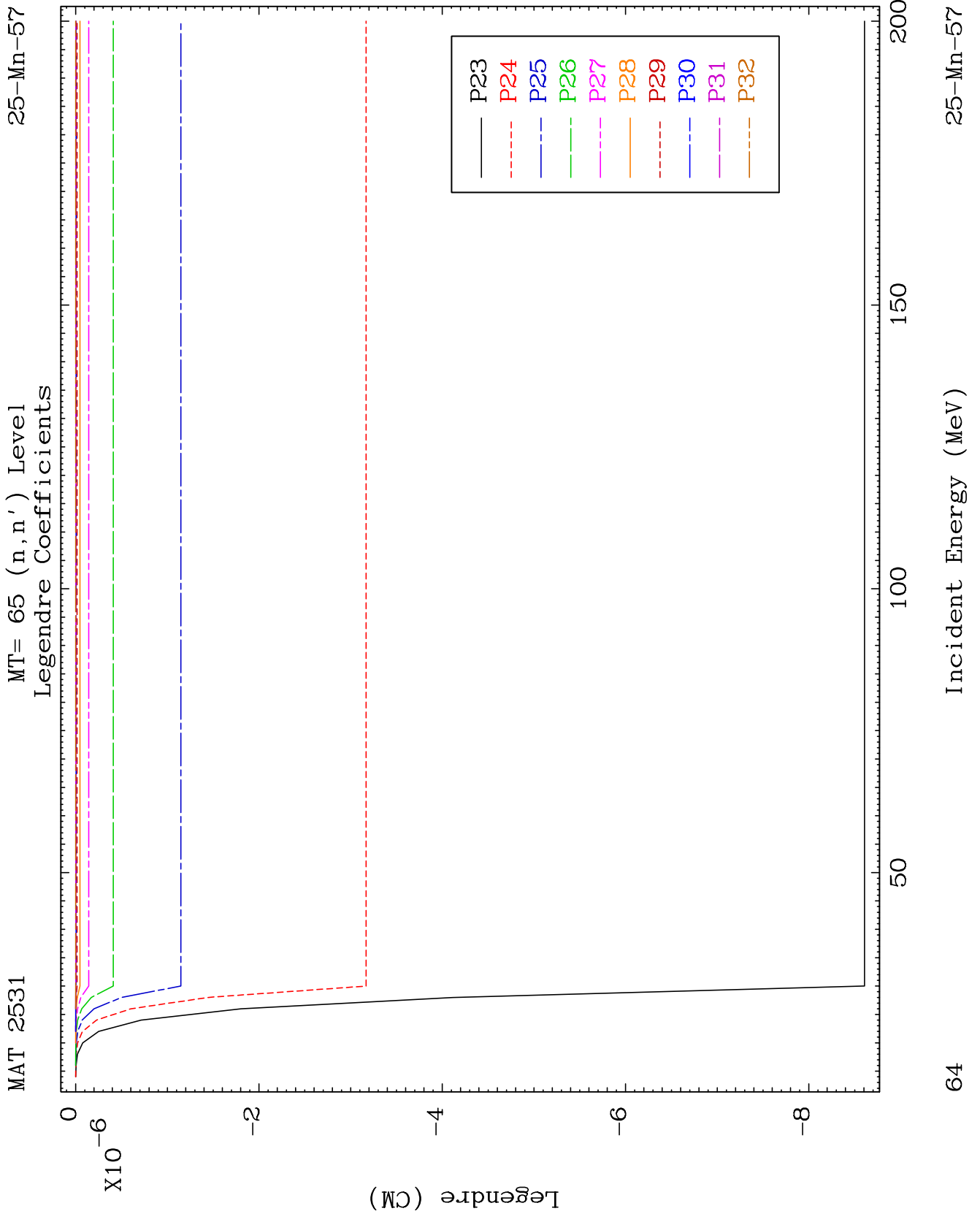
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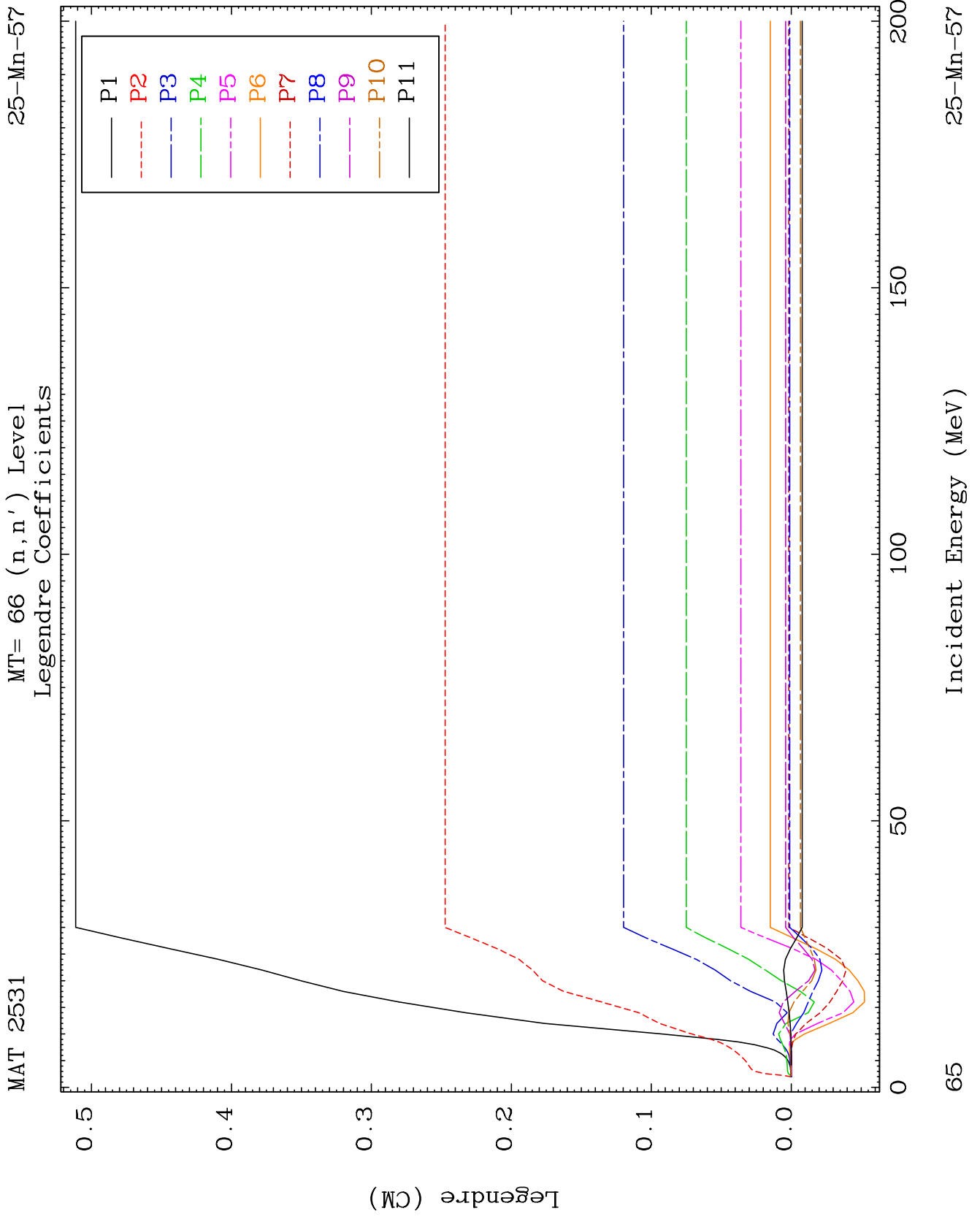


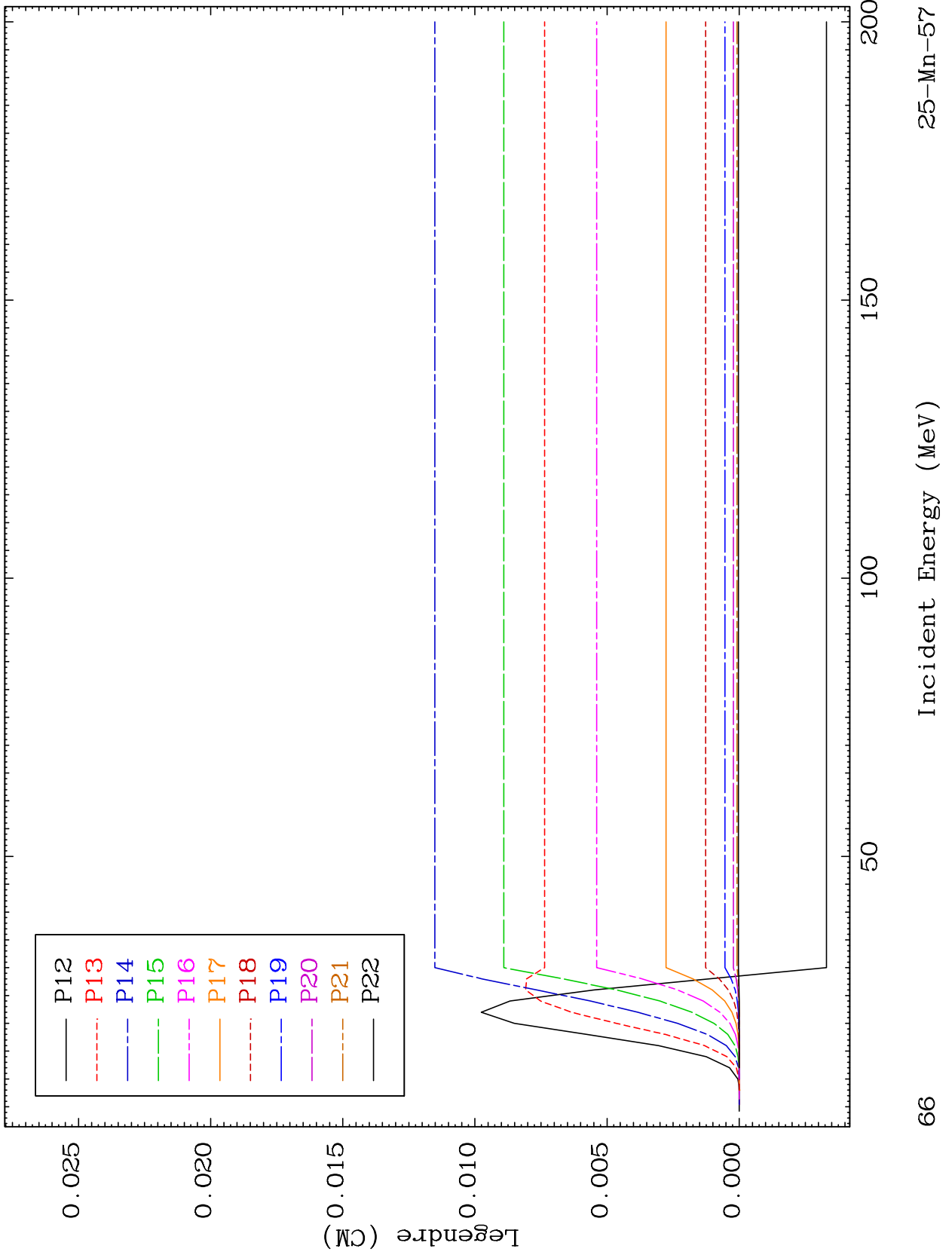
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Incident Energy (MeV)

25-Mn-57



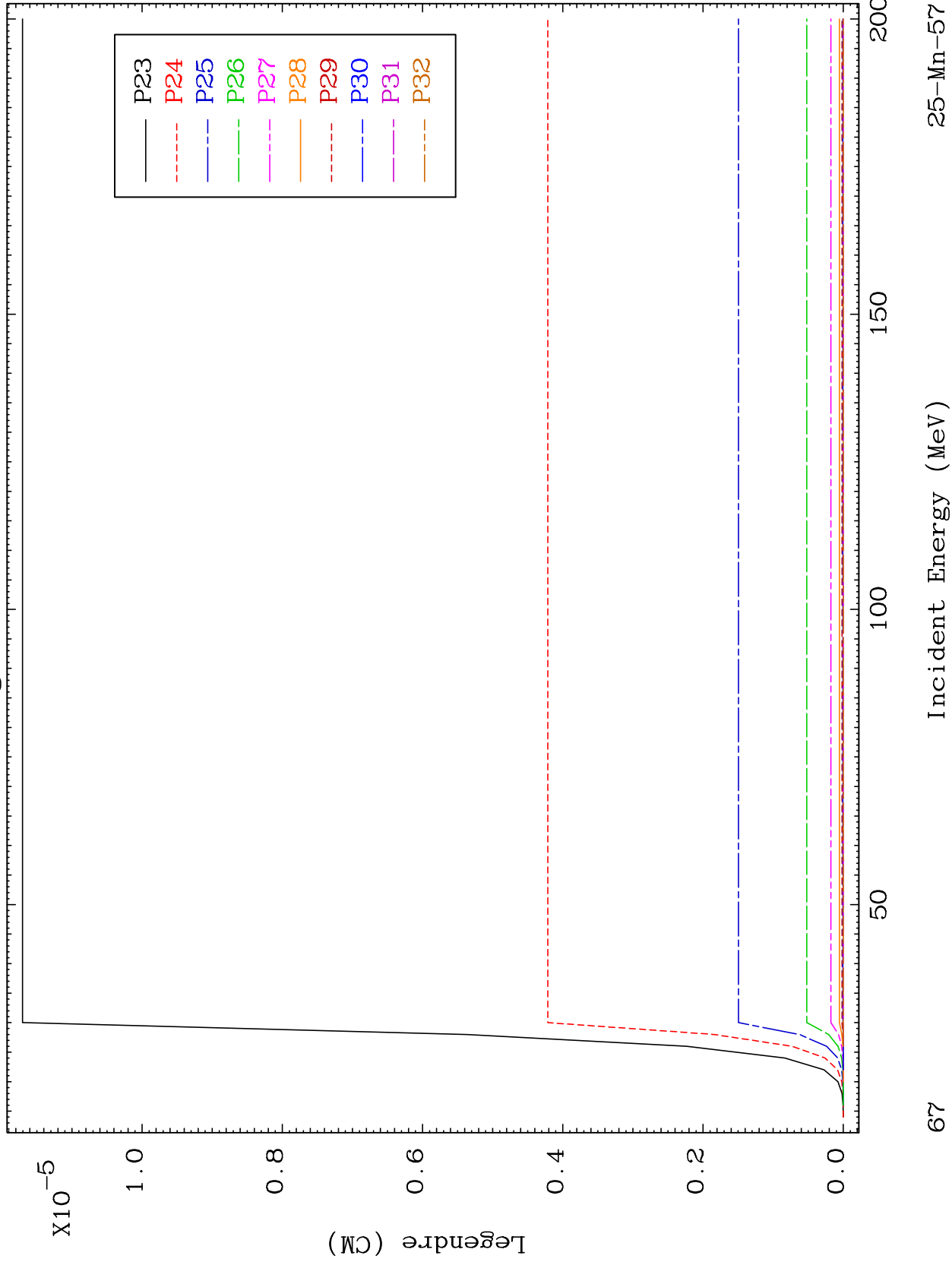


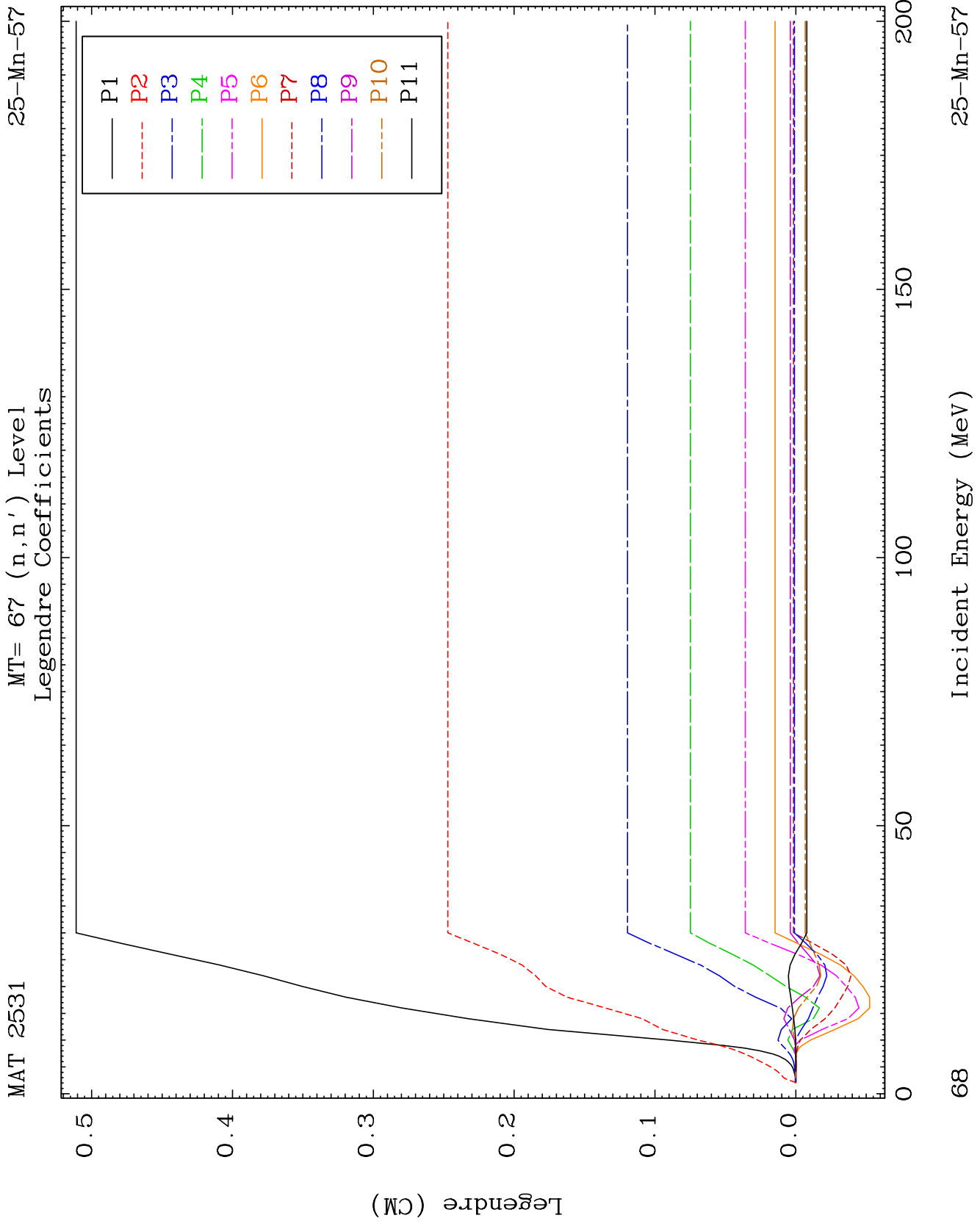


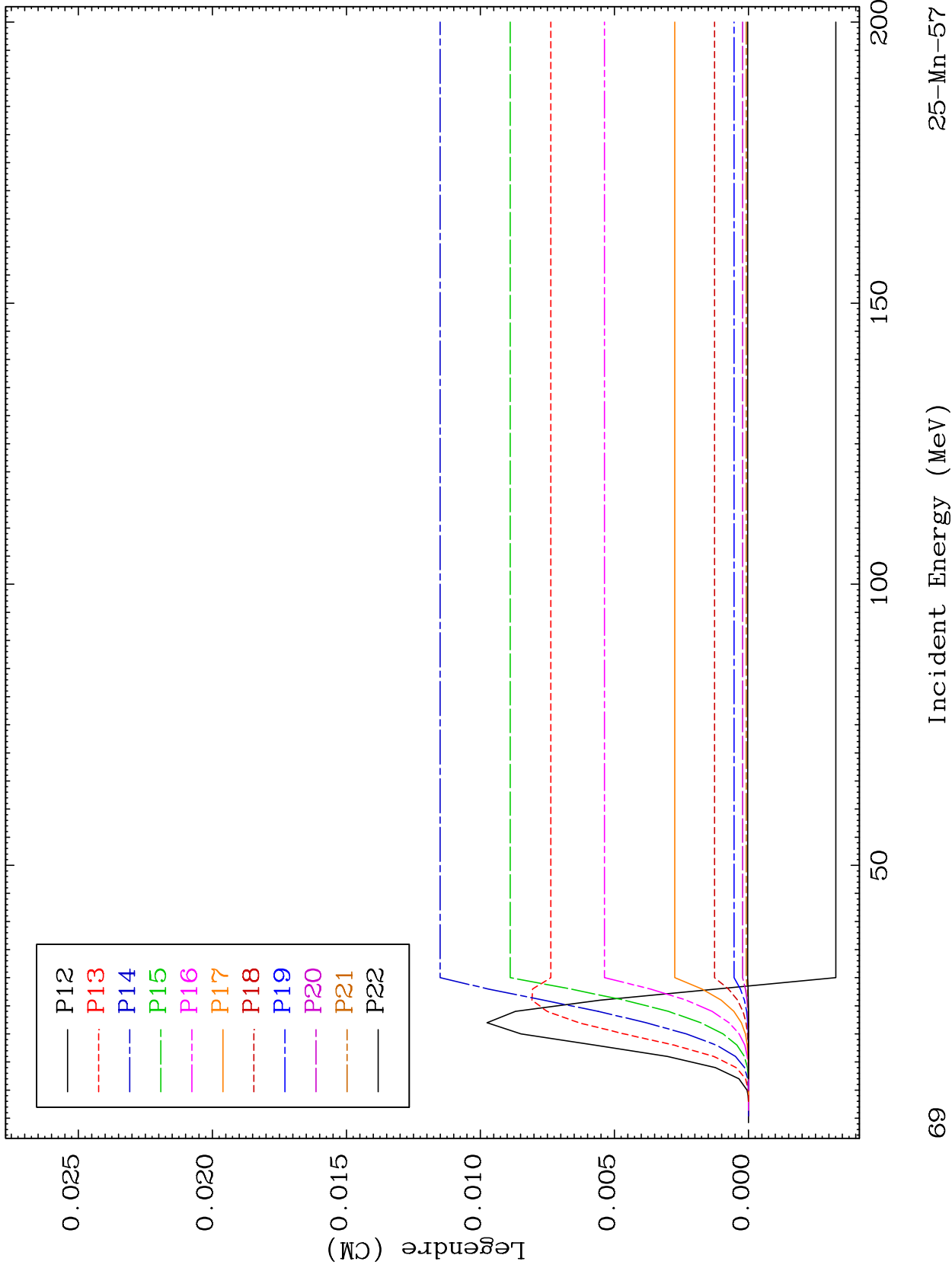
MAT 2531

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

25-Mn-57



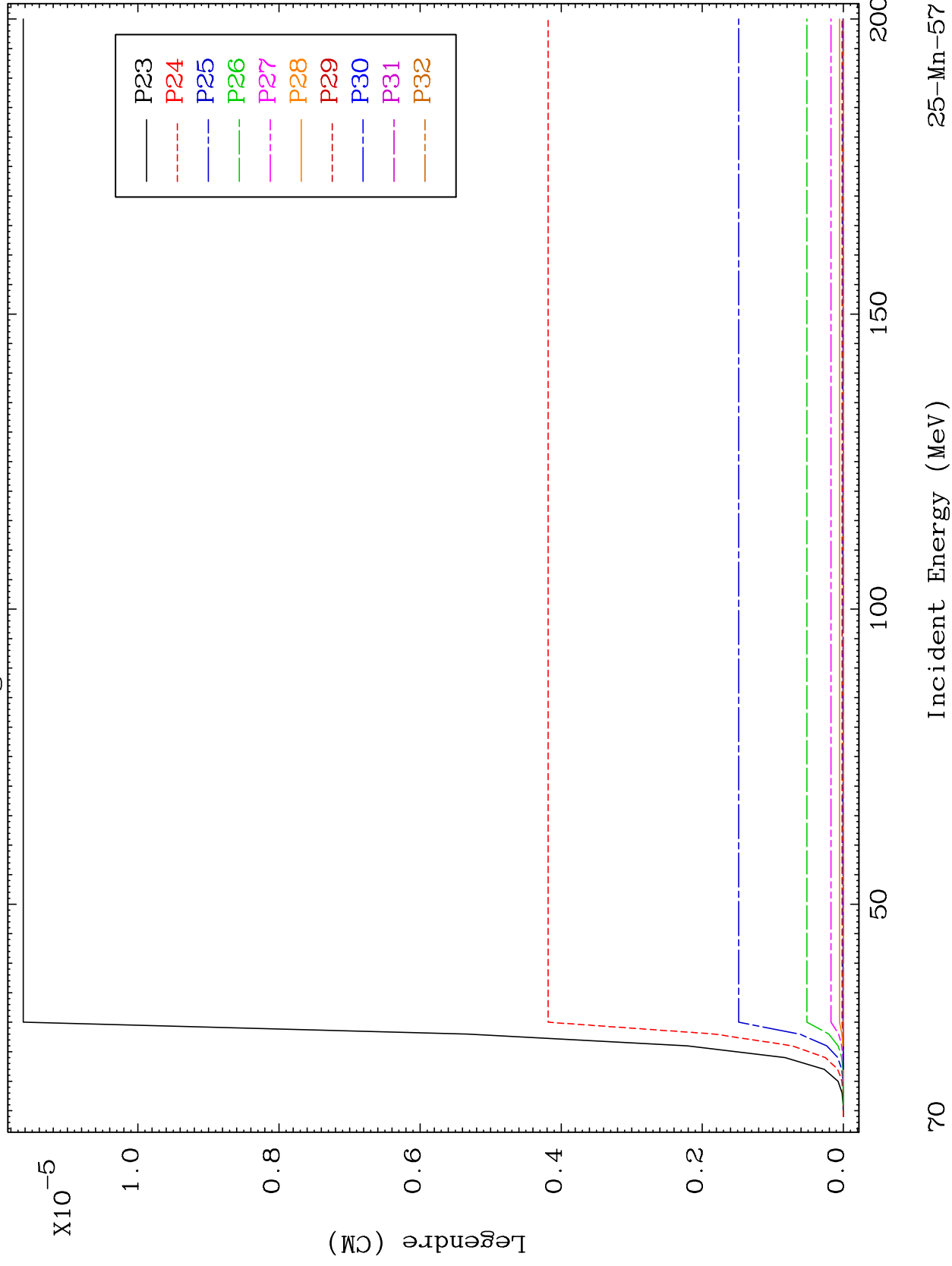


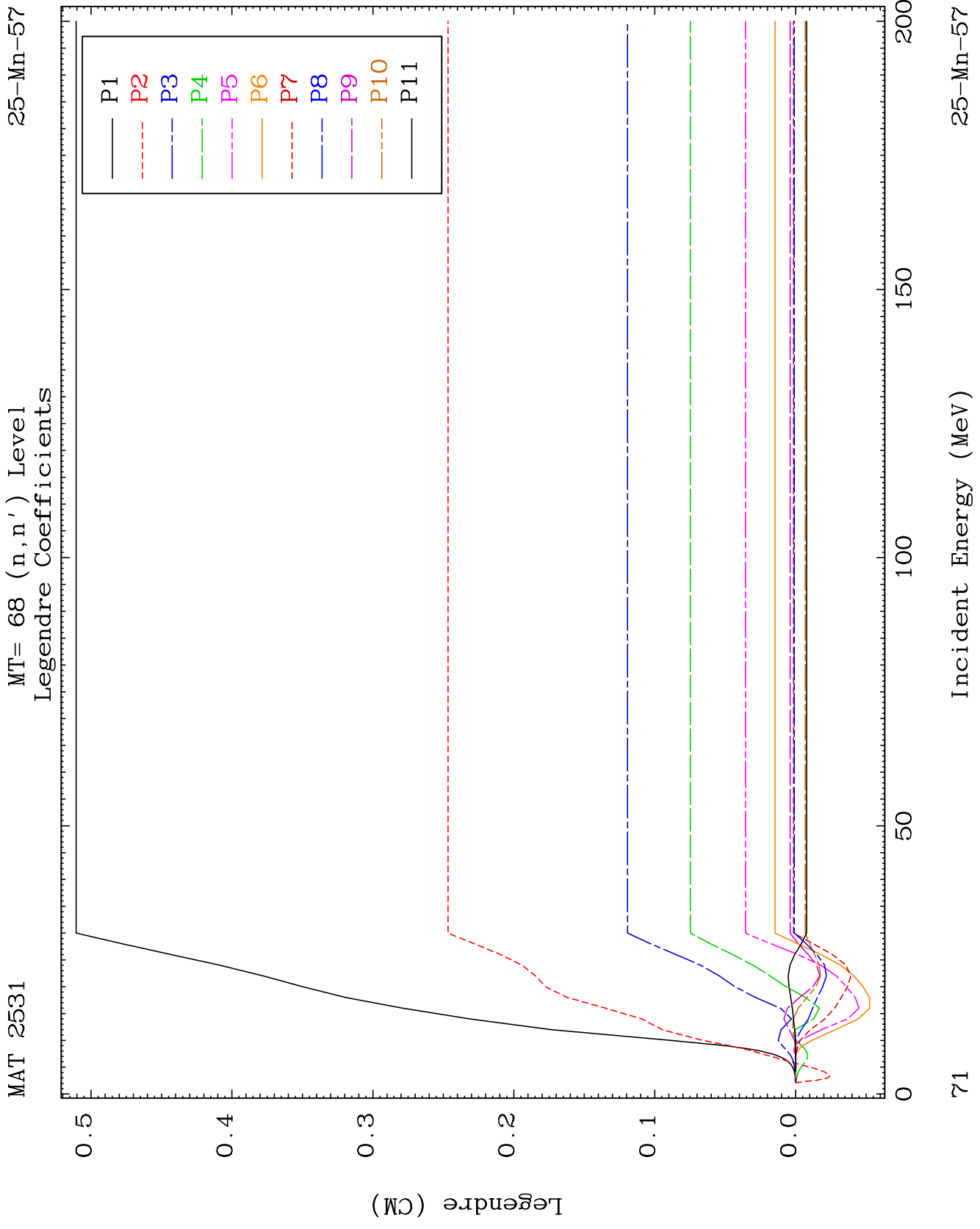


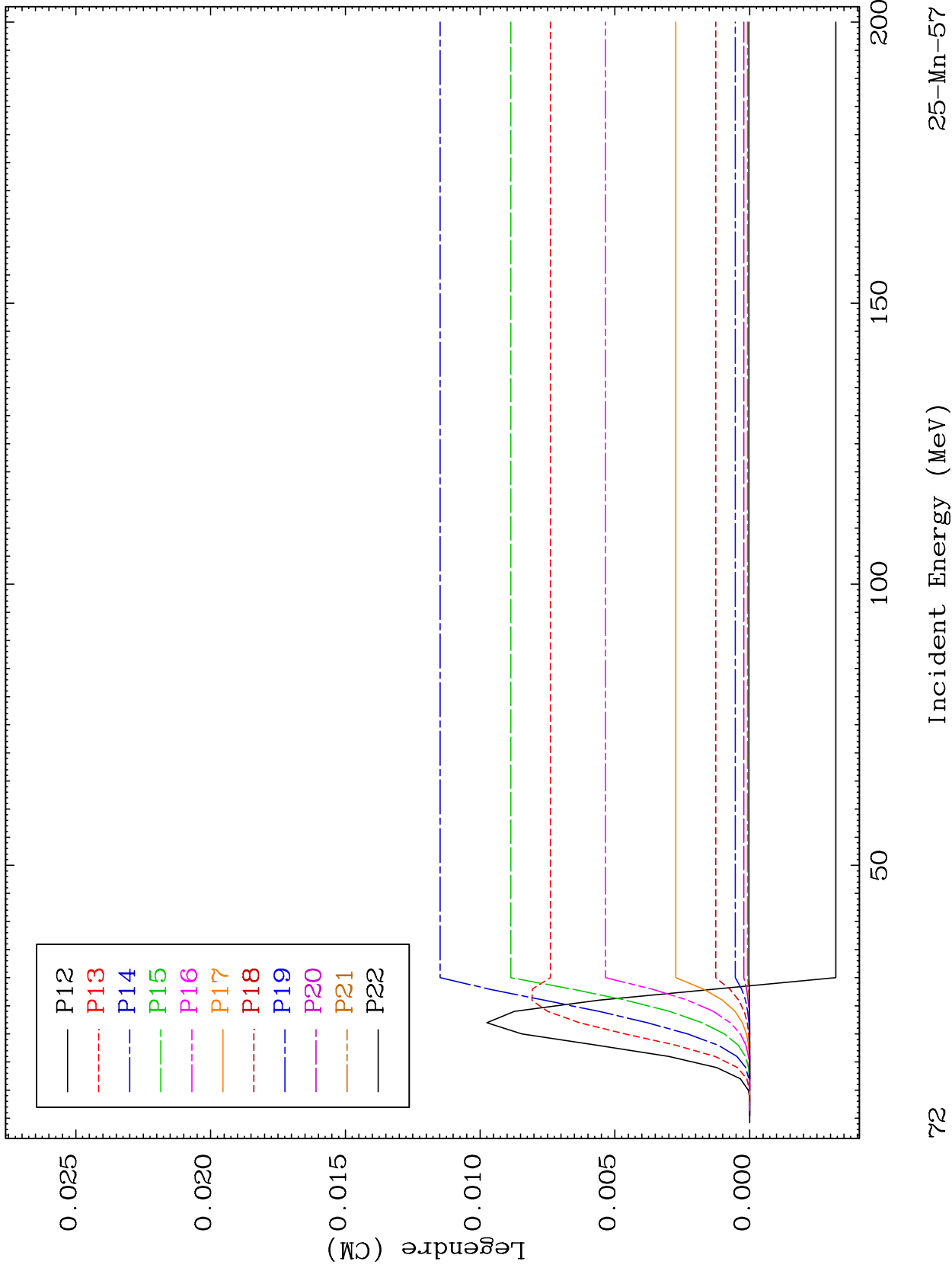
MAT 2531

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

25-Mn-57



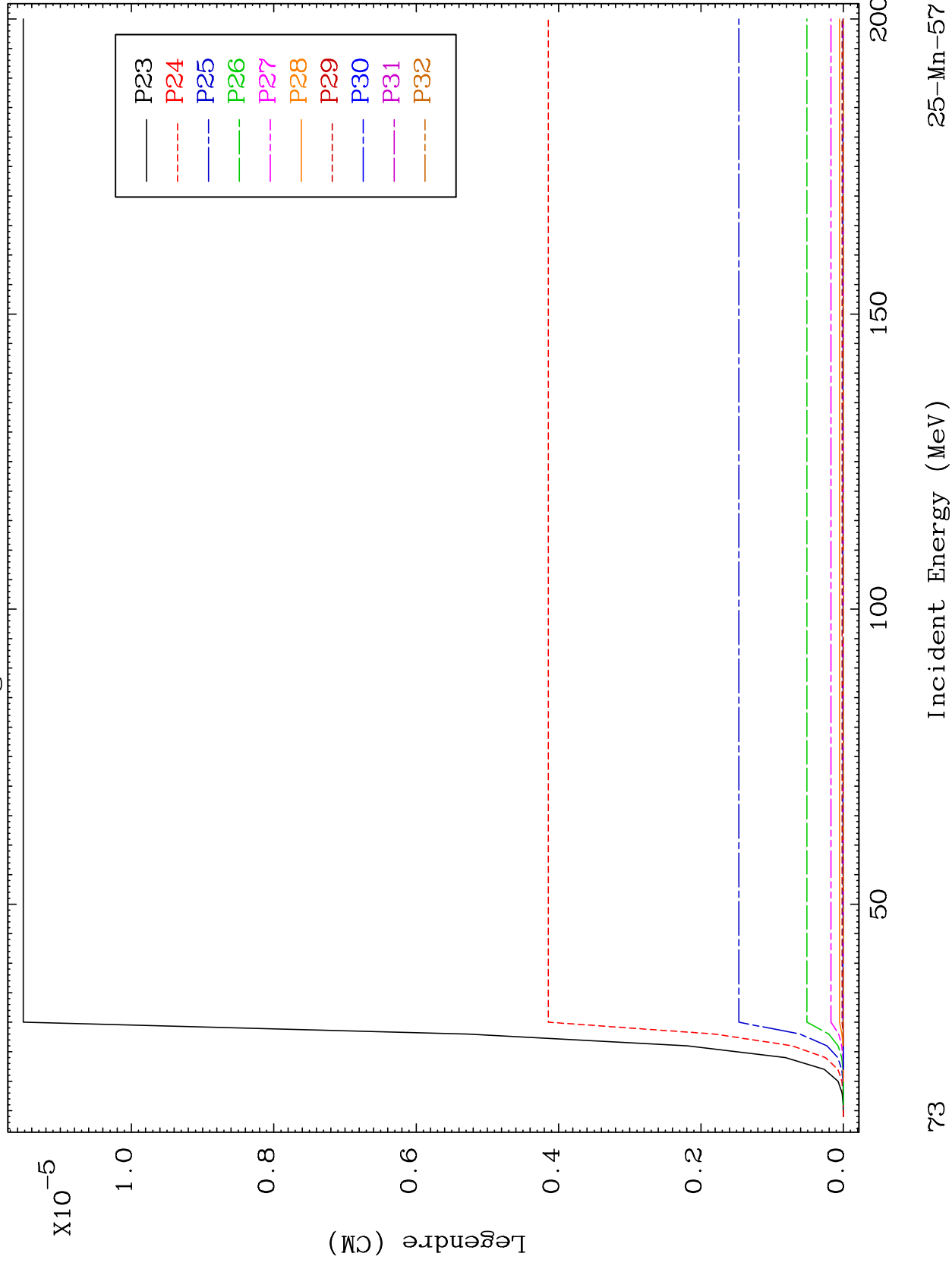


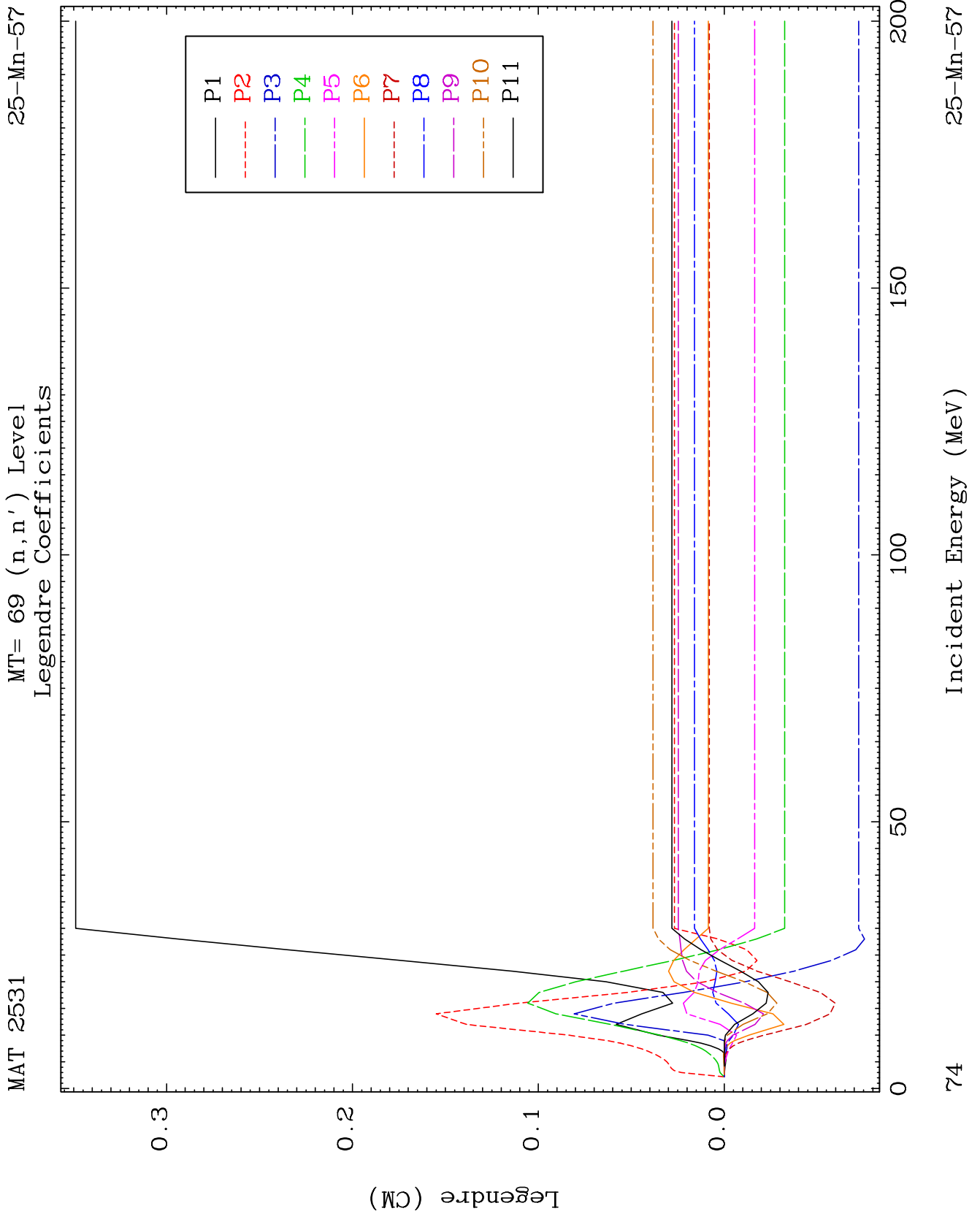


MAT 2531

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

25-Mn-57

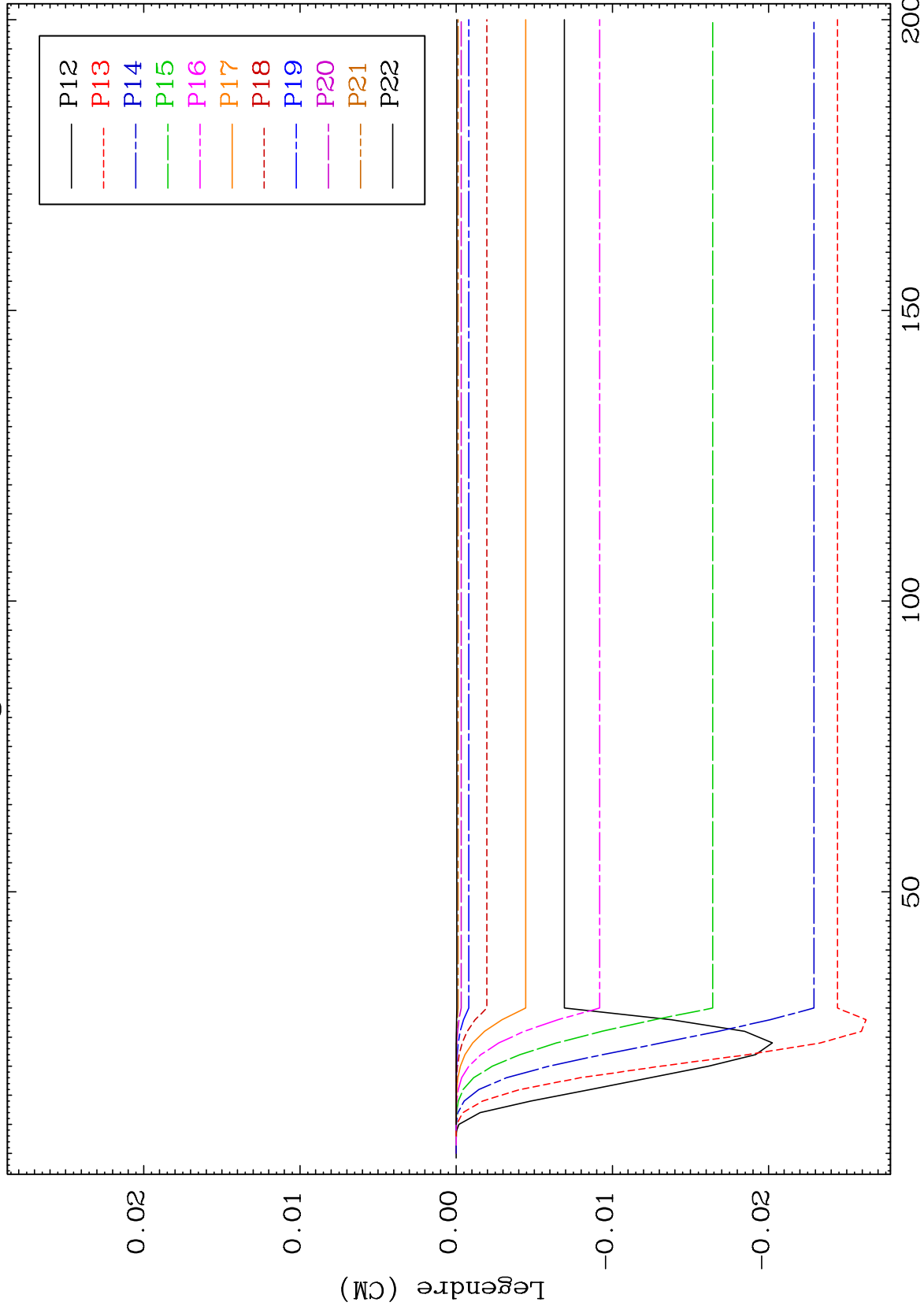




MAT 2531

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

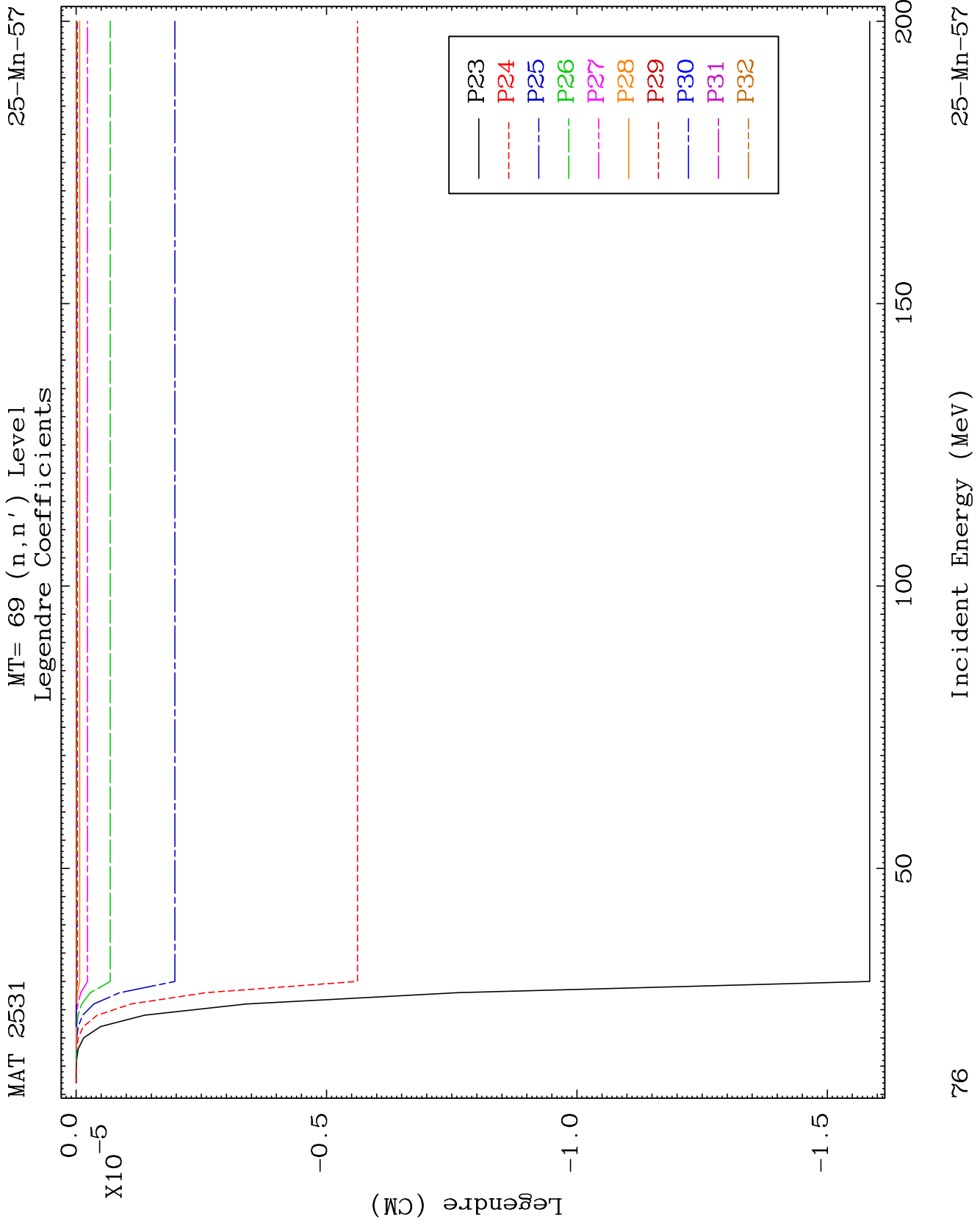
25-Mn-57



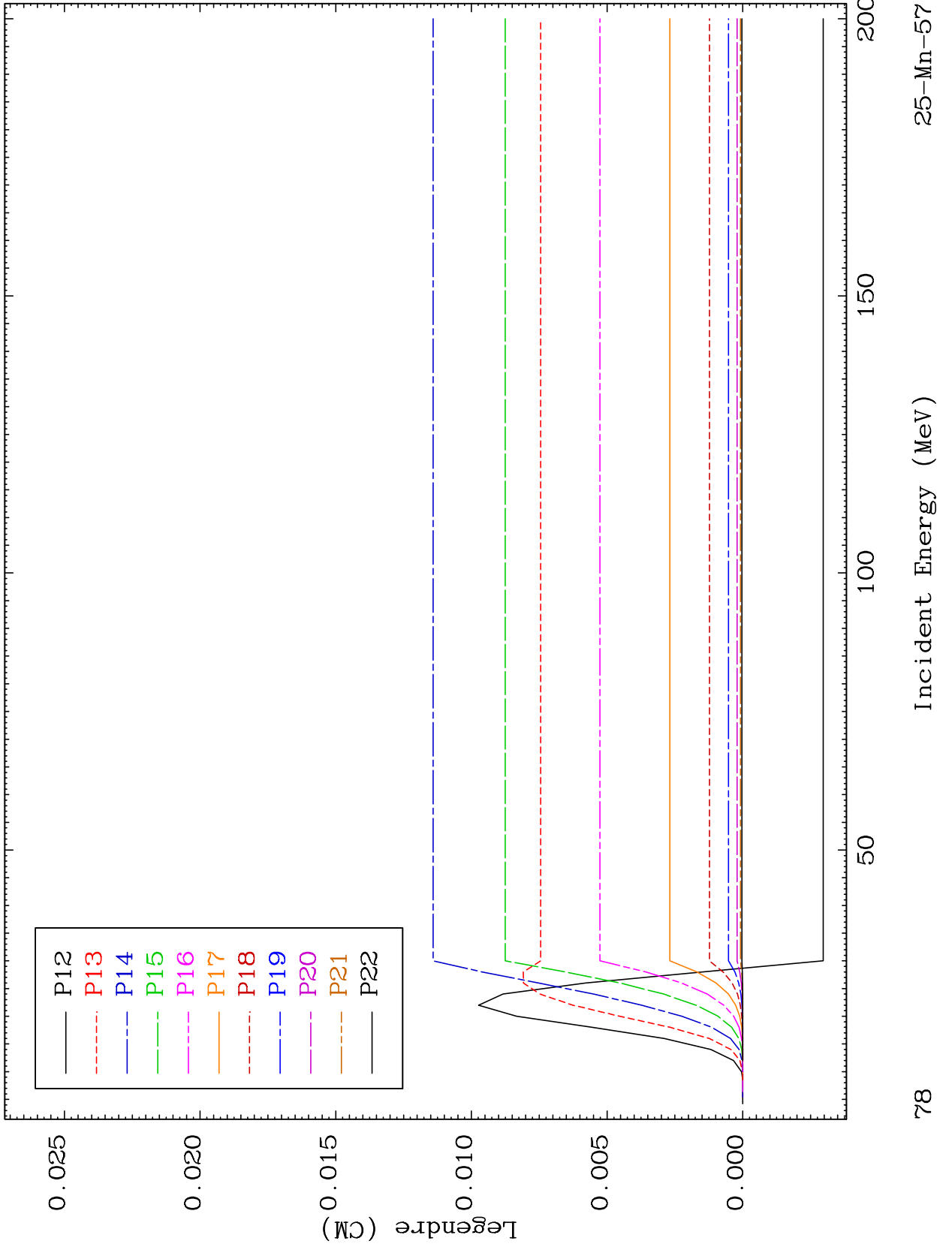
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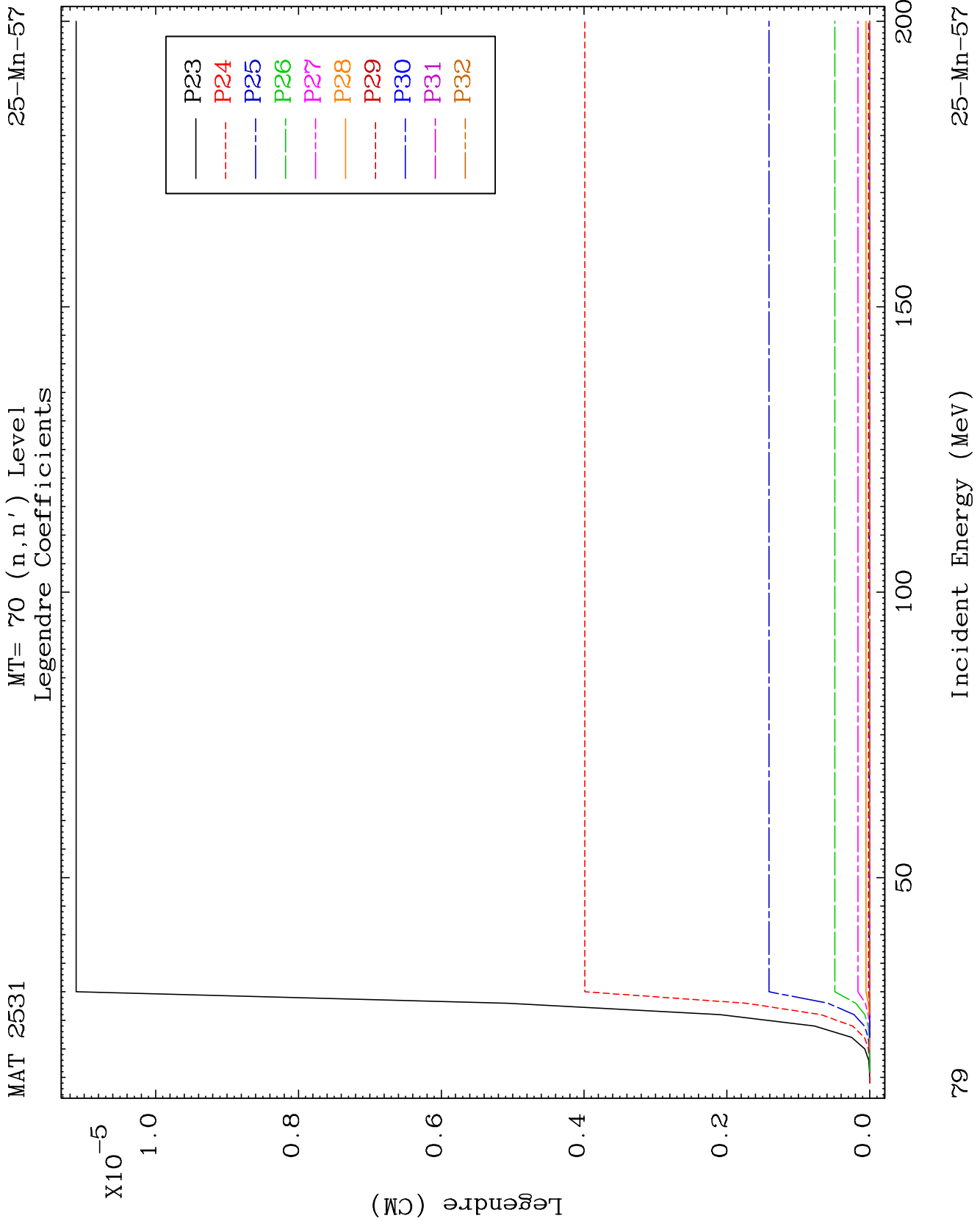
Incident Energy (MeV)

25-Mn-57





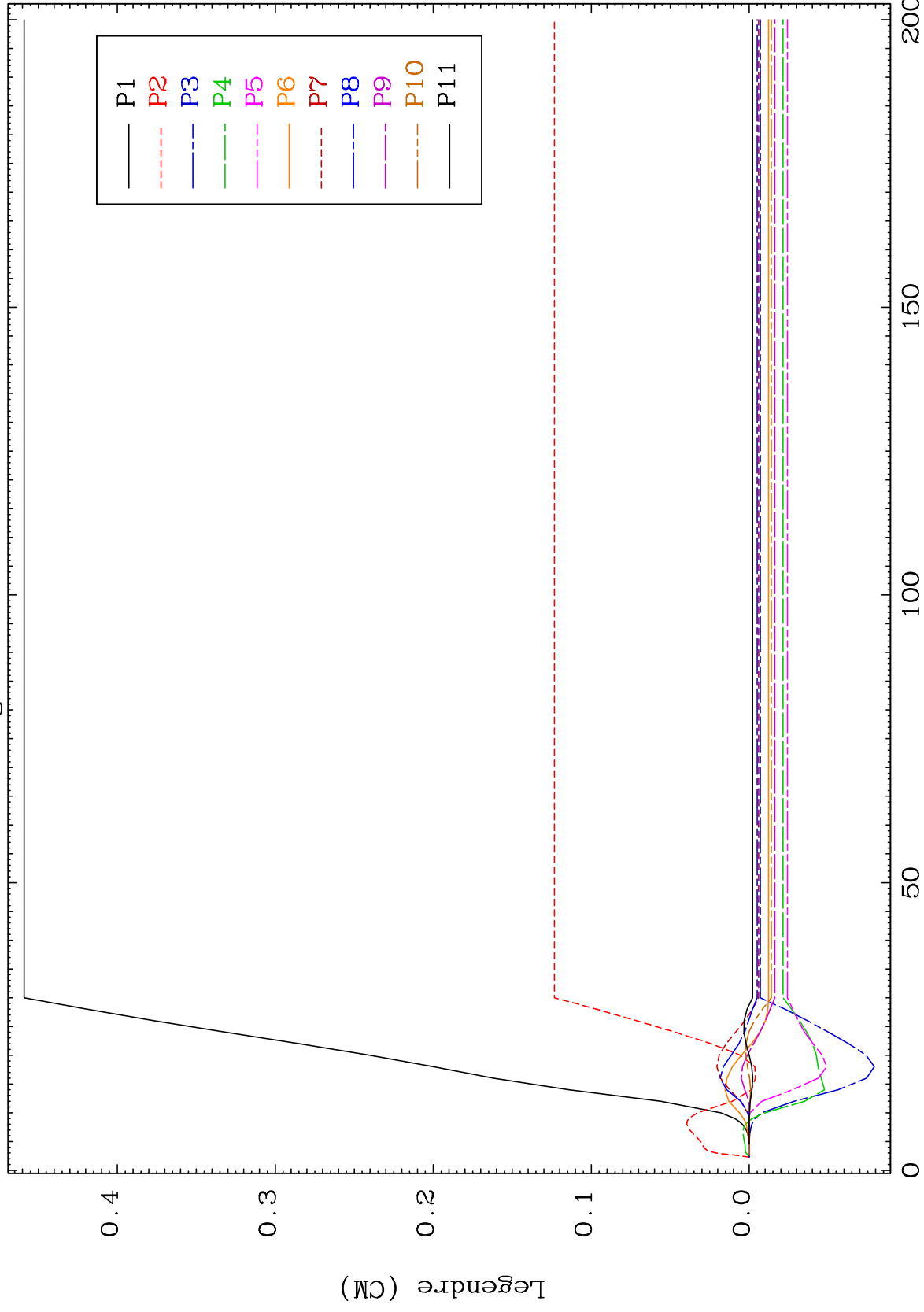




MAT 2531

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

25-Mn-57



80

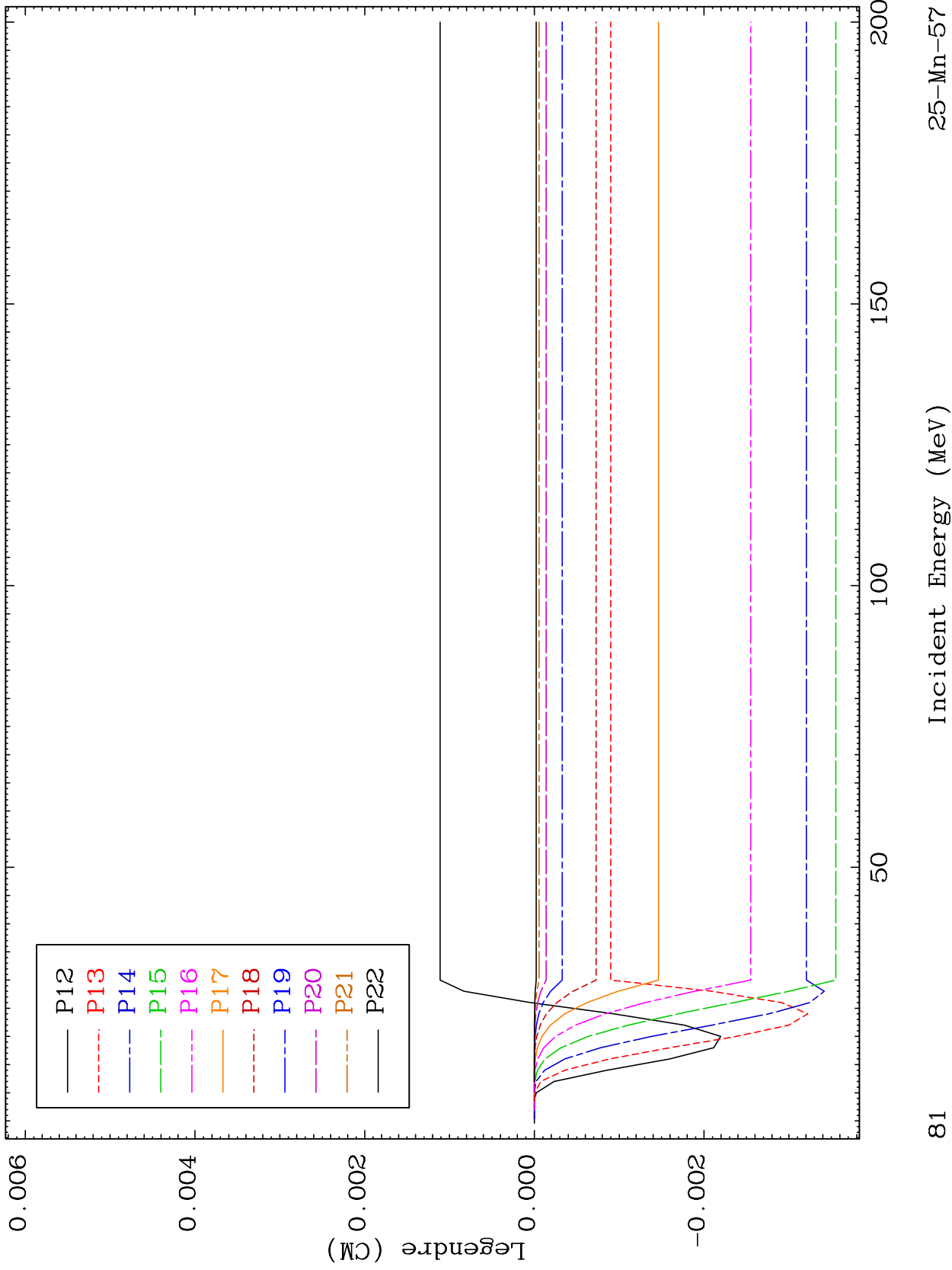
Incident Energy (MeV)

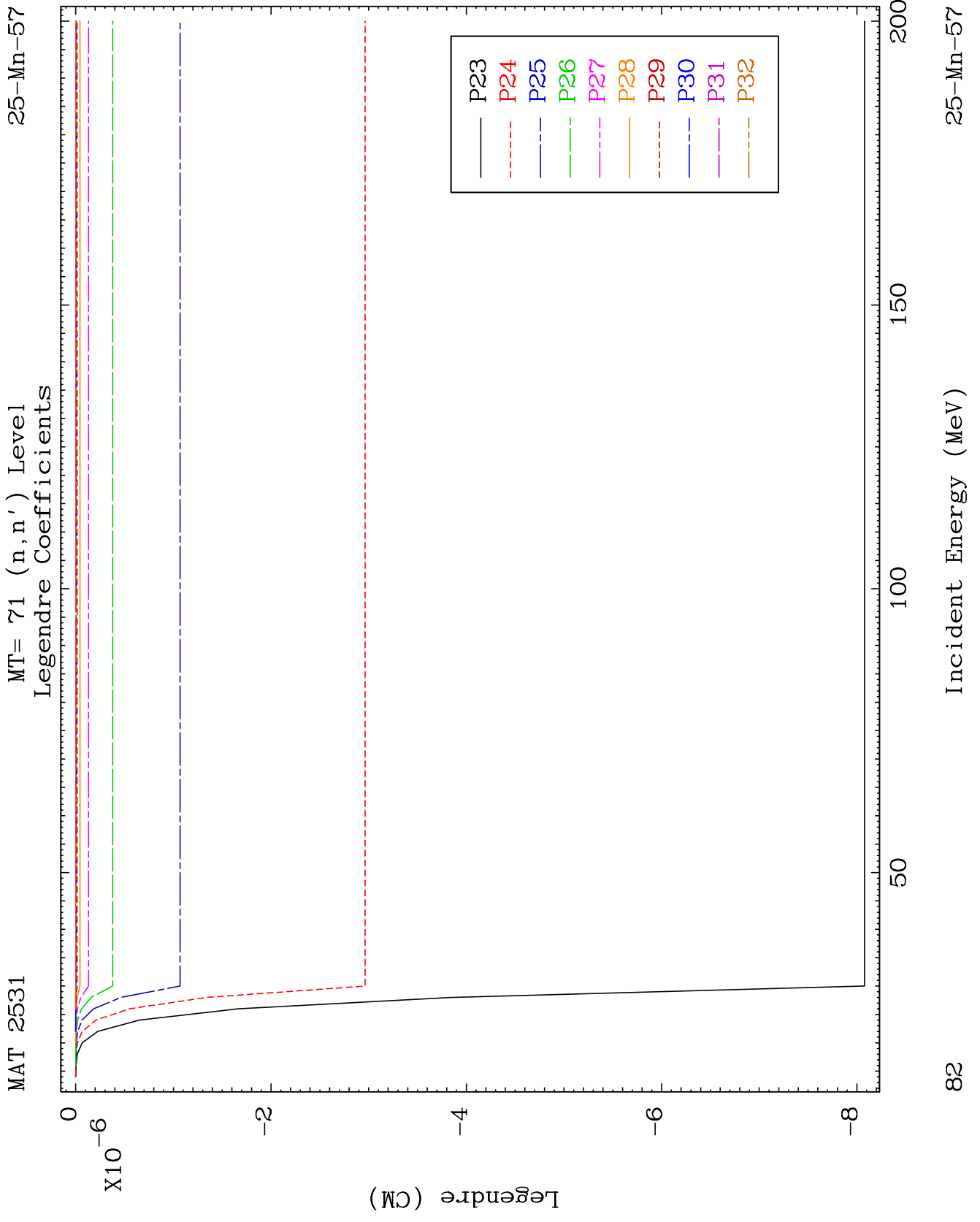
25-Mn-57

MAT 2531

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

25-Mn-57

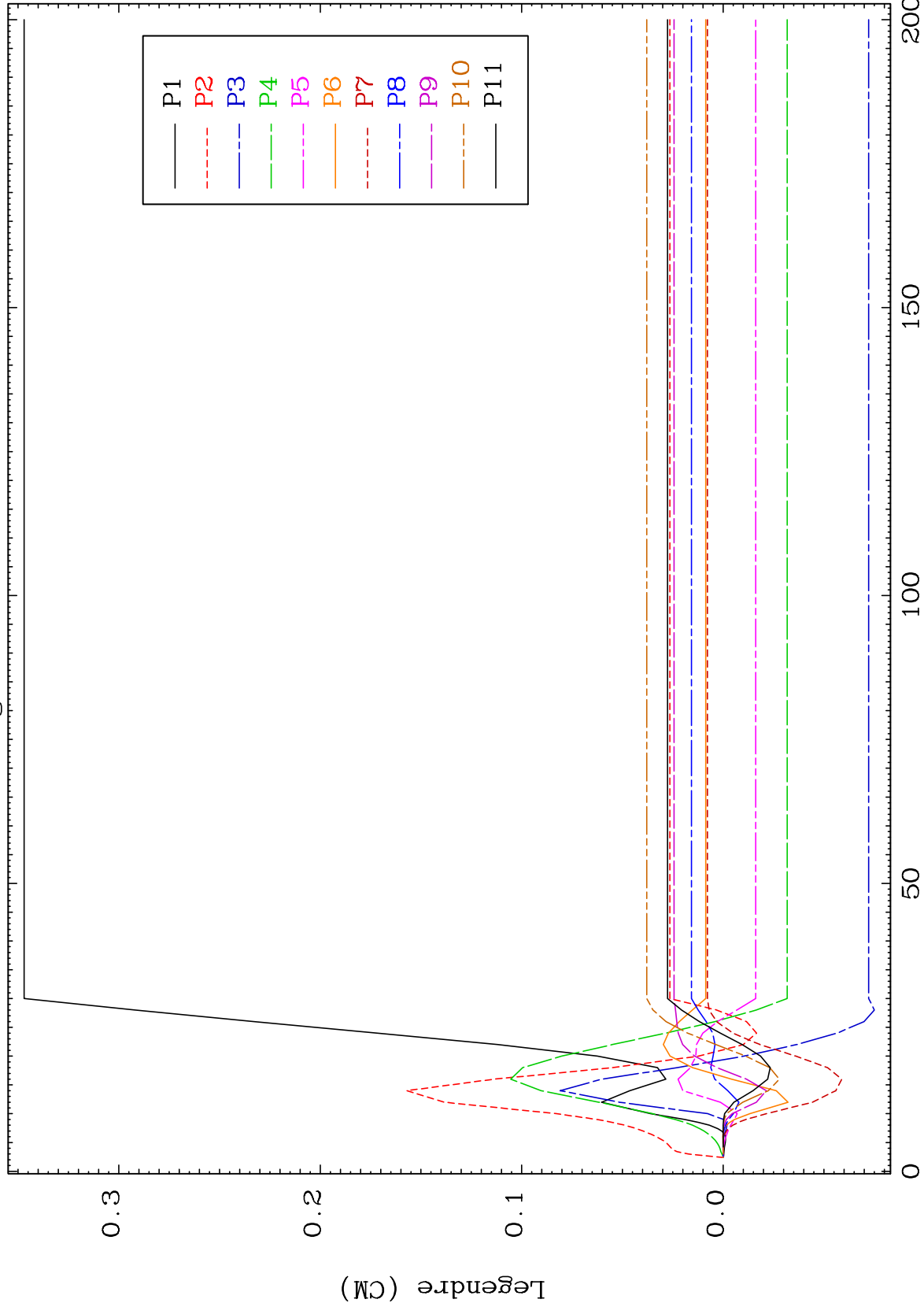




MAT 2531

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

25-Mn-57



83

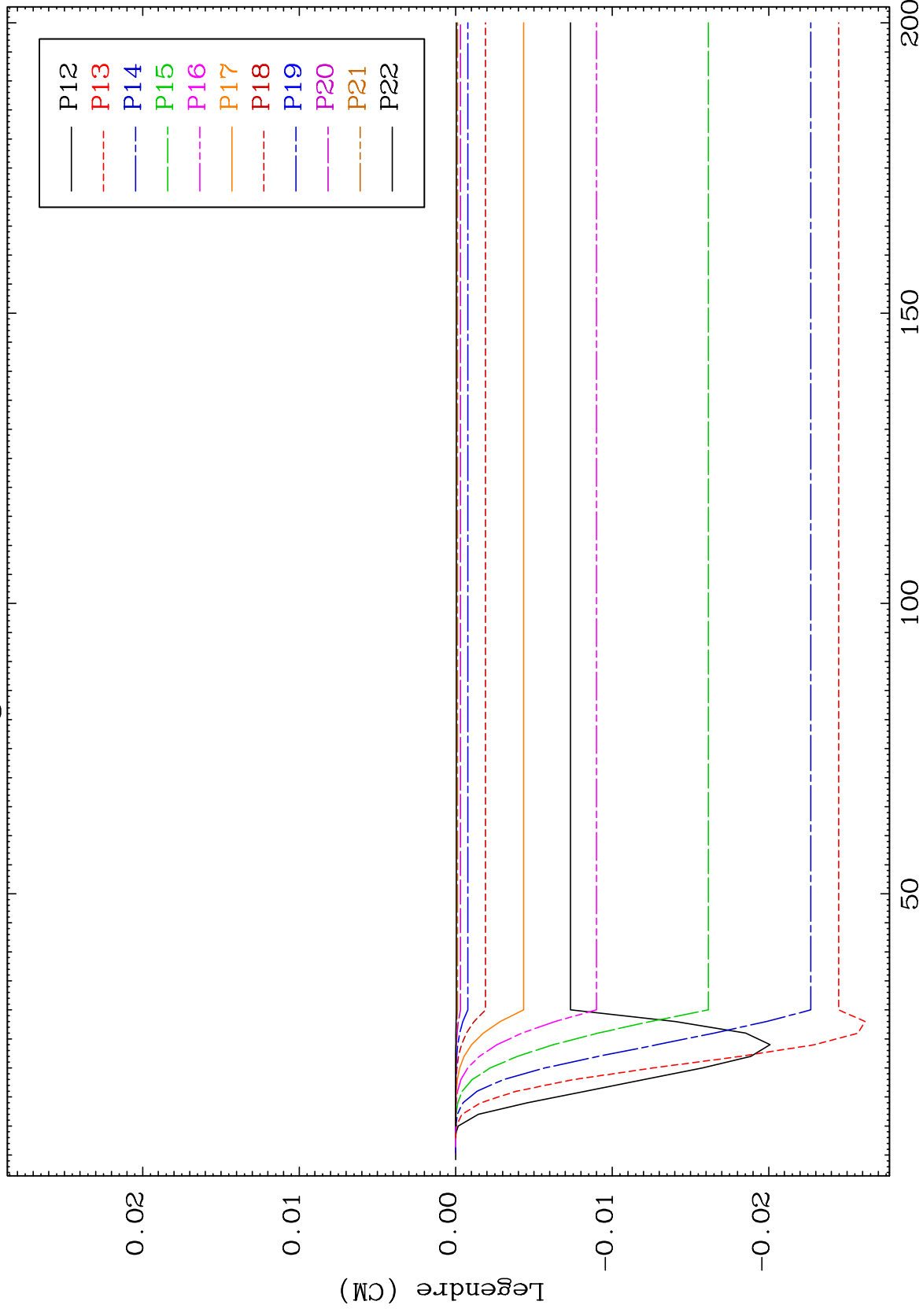
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

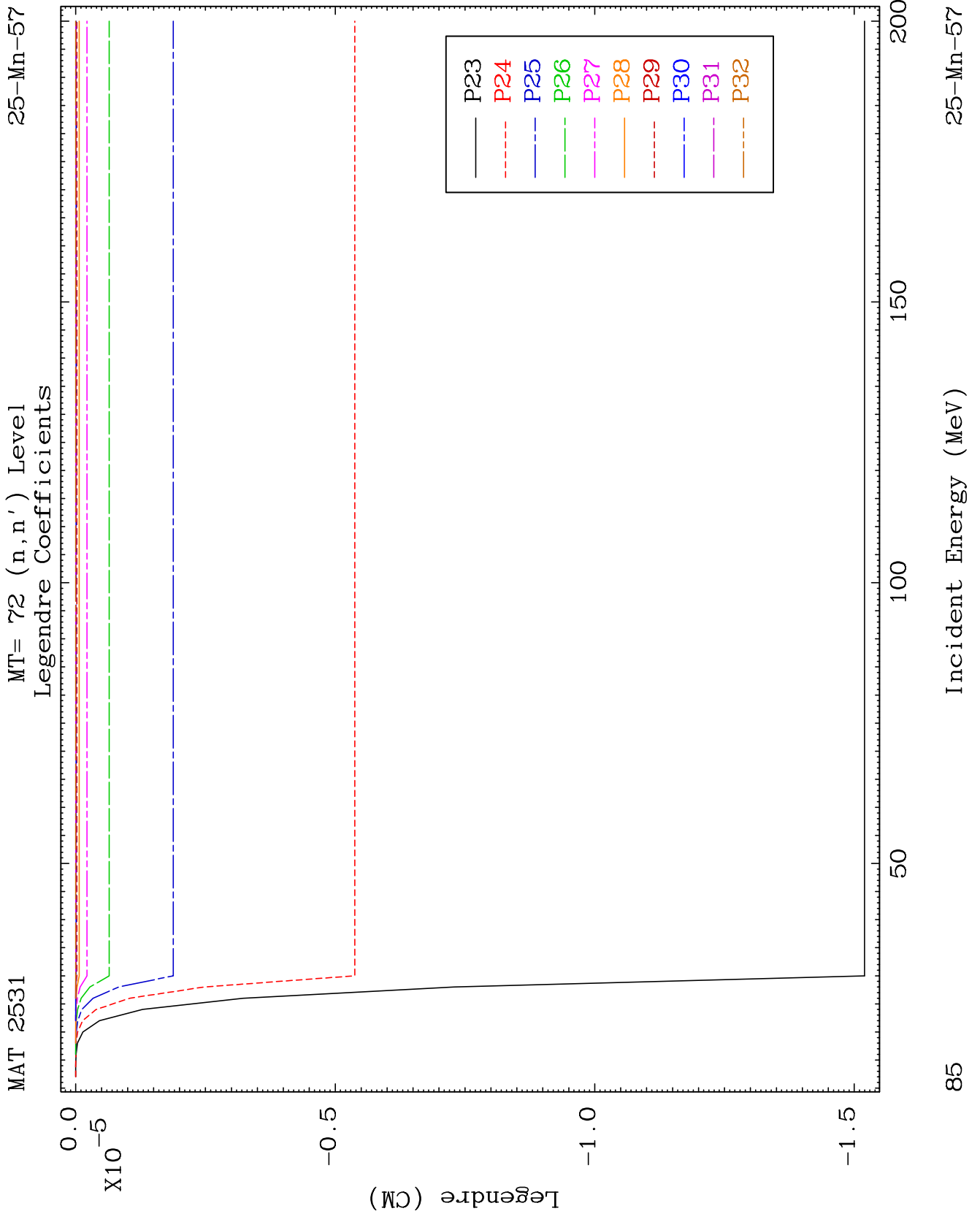
25-Mn-57

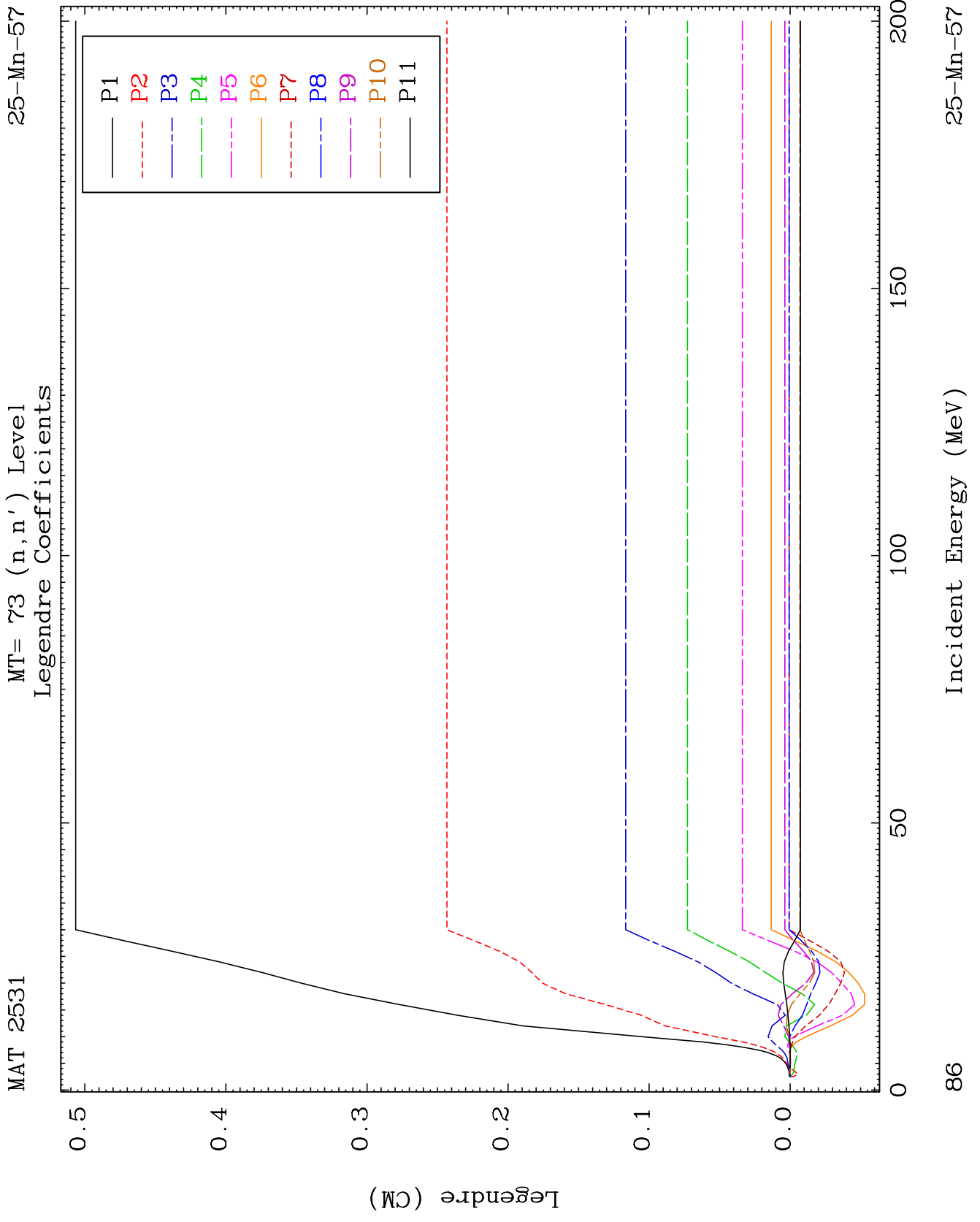


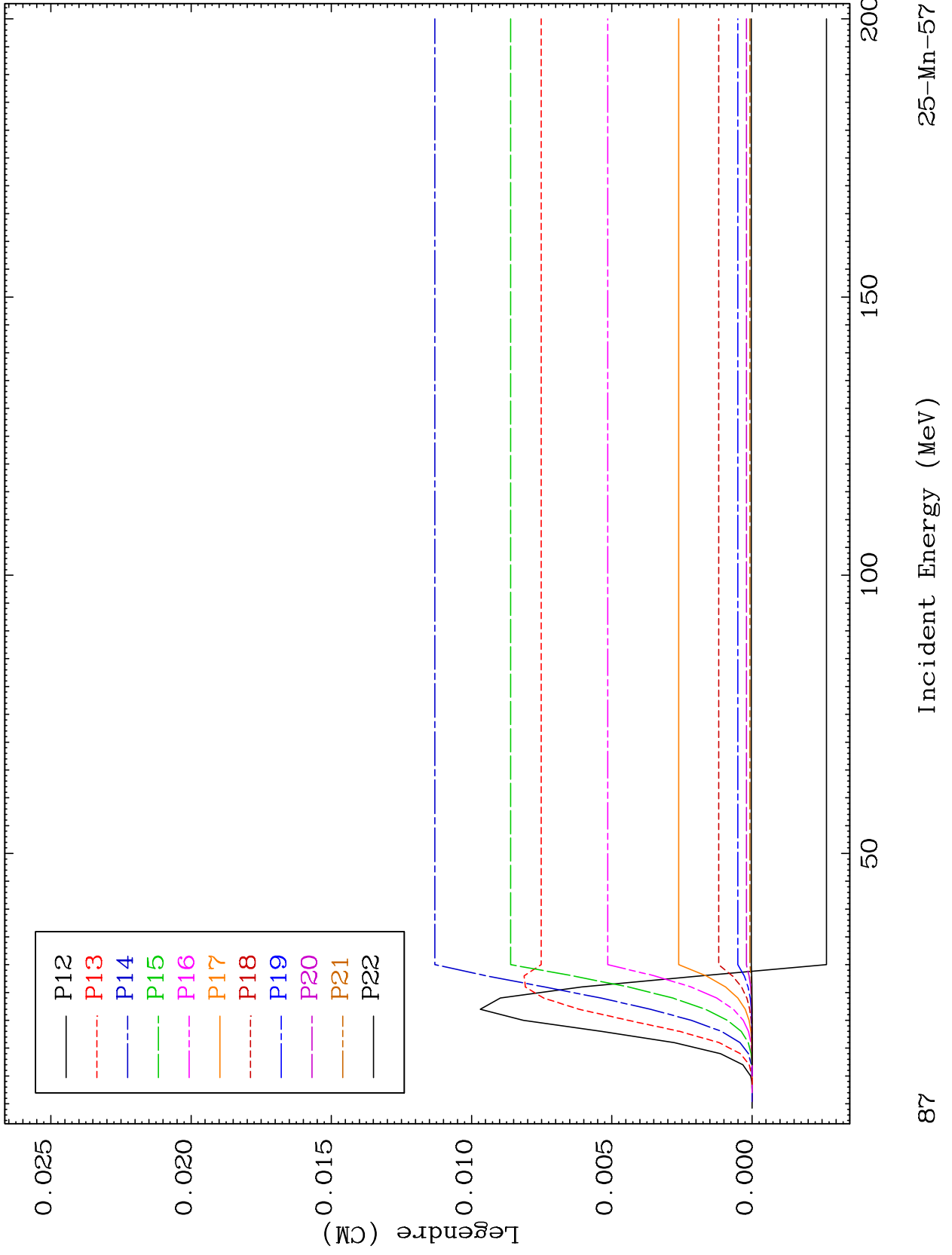
84

Incident Energy (MeV)

25-Mn-57



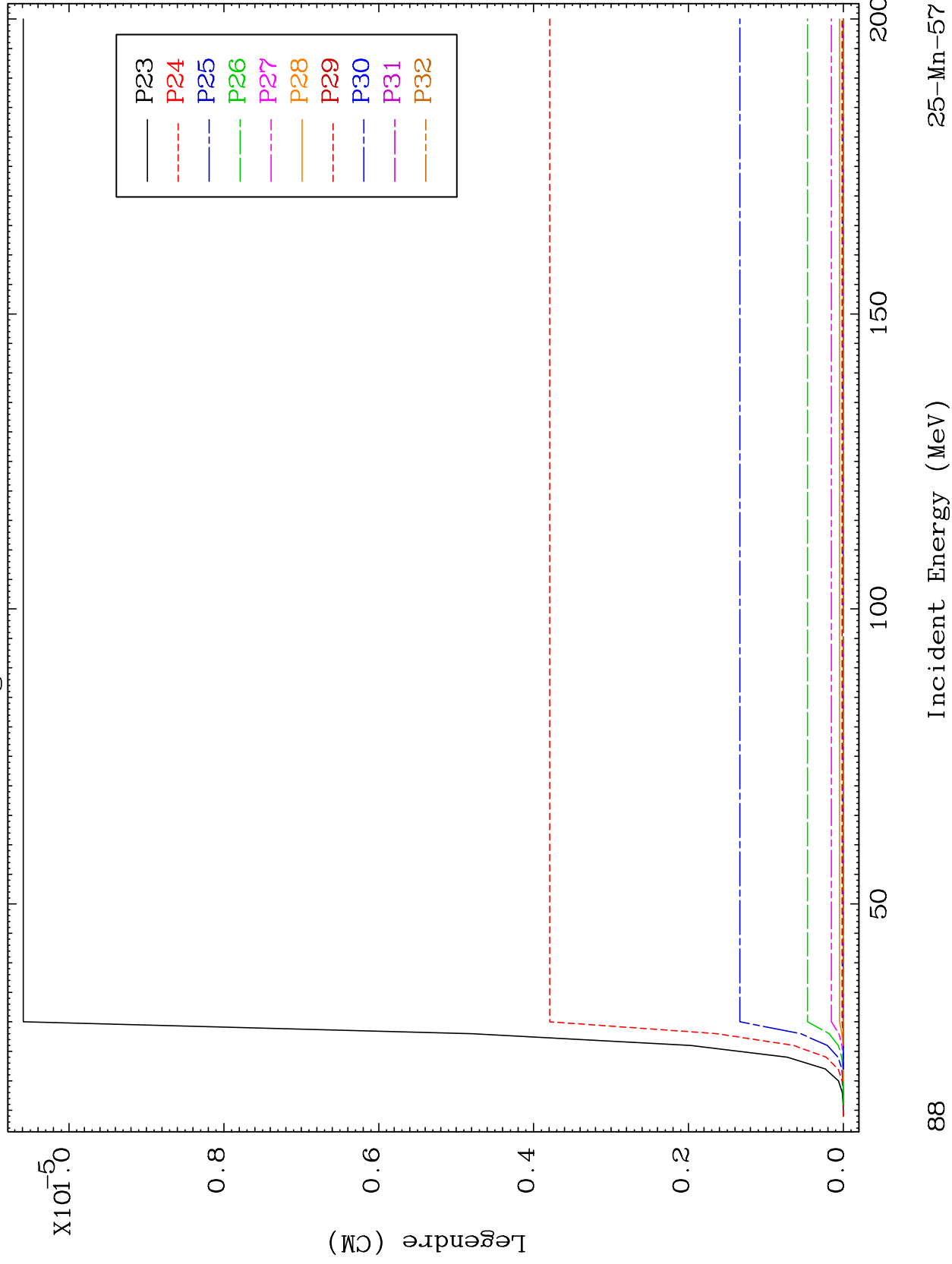




MAT 2531

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

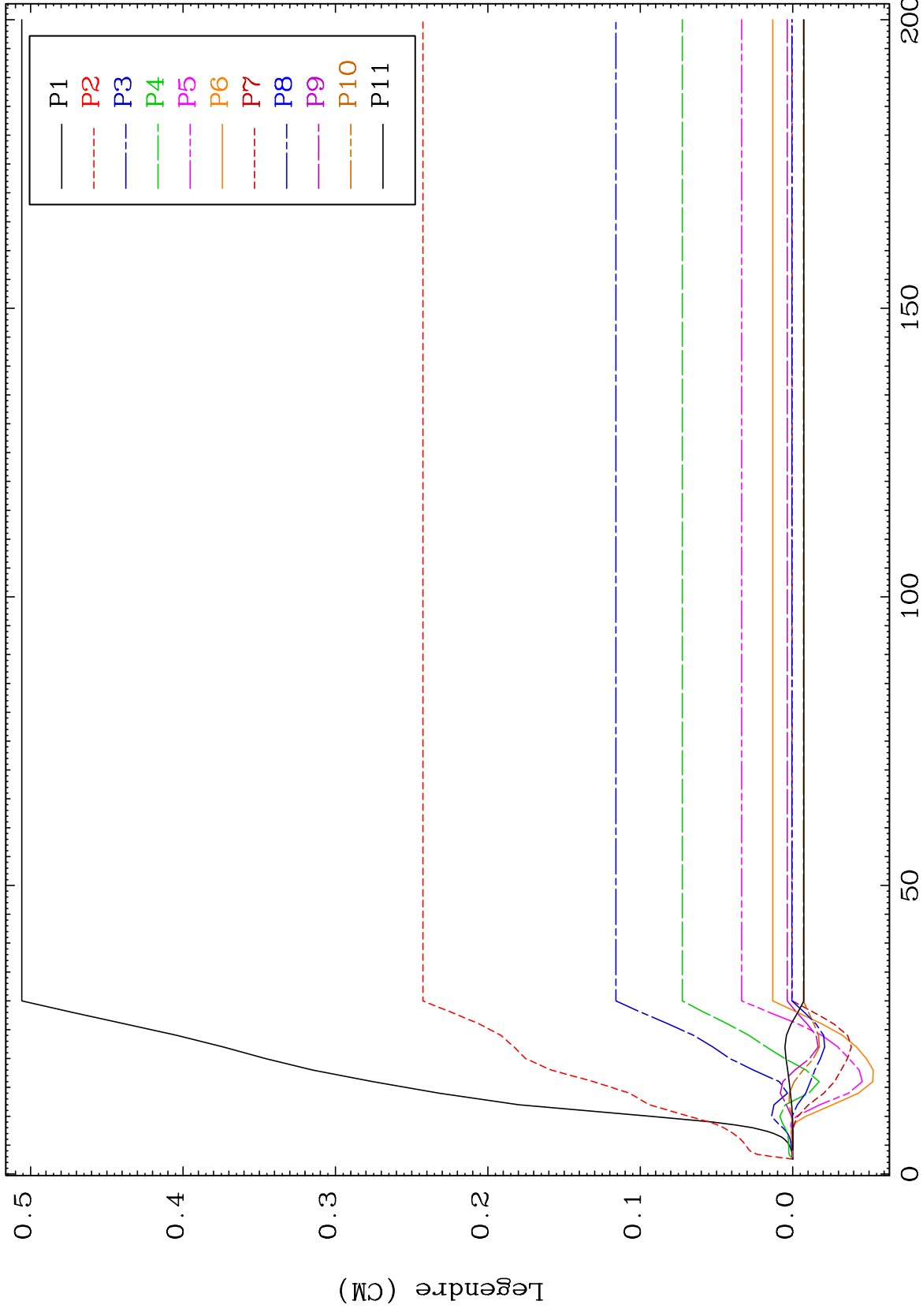
25-Mn-57



MAT 2531

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

25-Mn-57



89

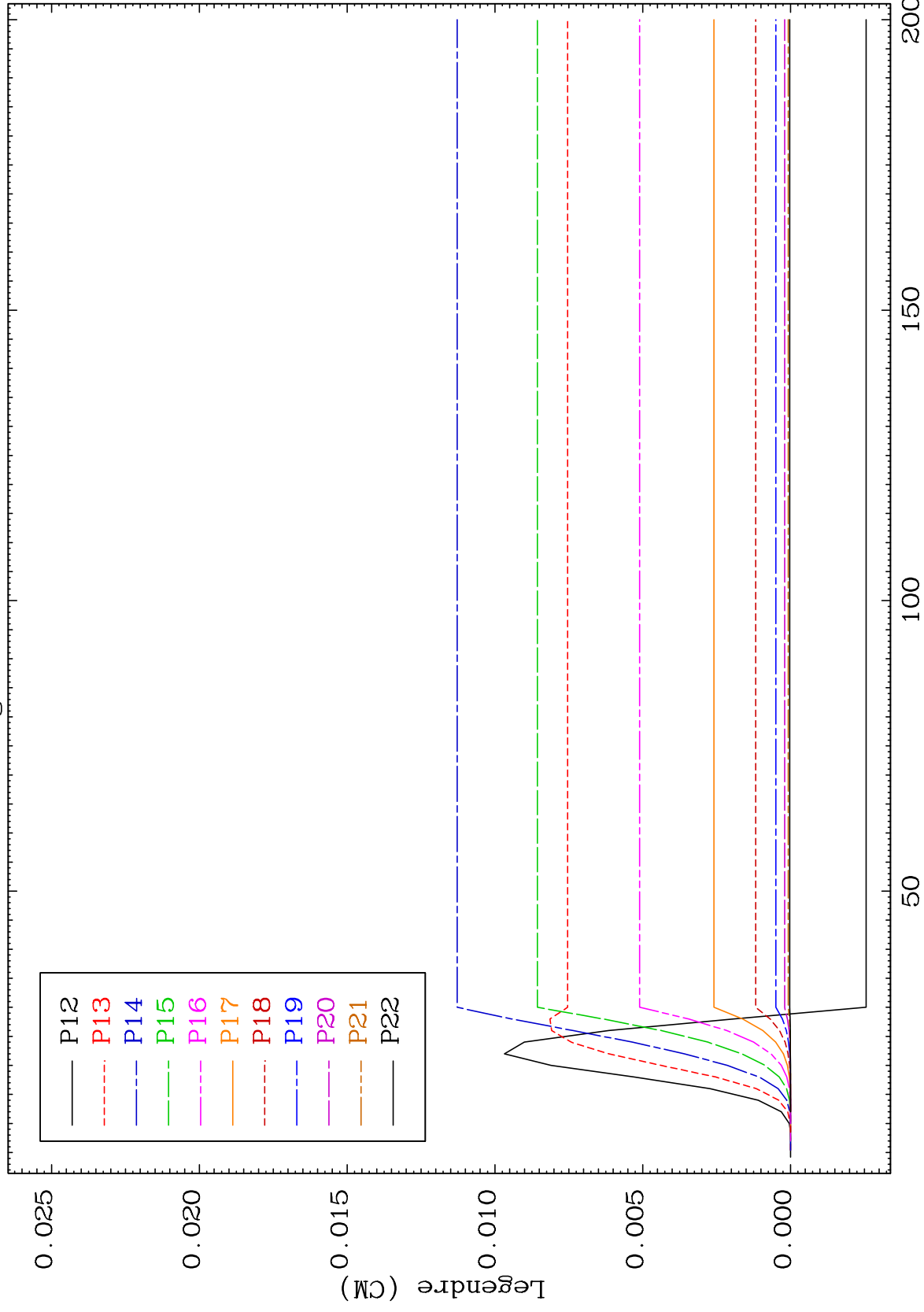
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

25-Mn-57



90

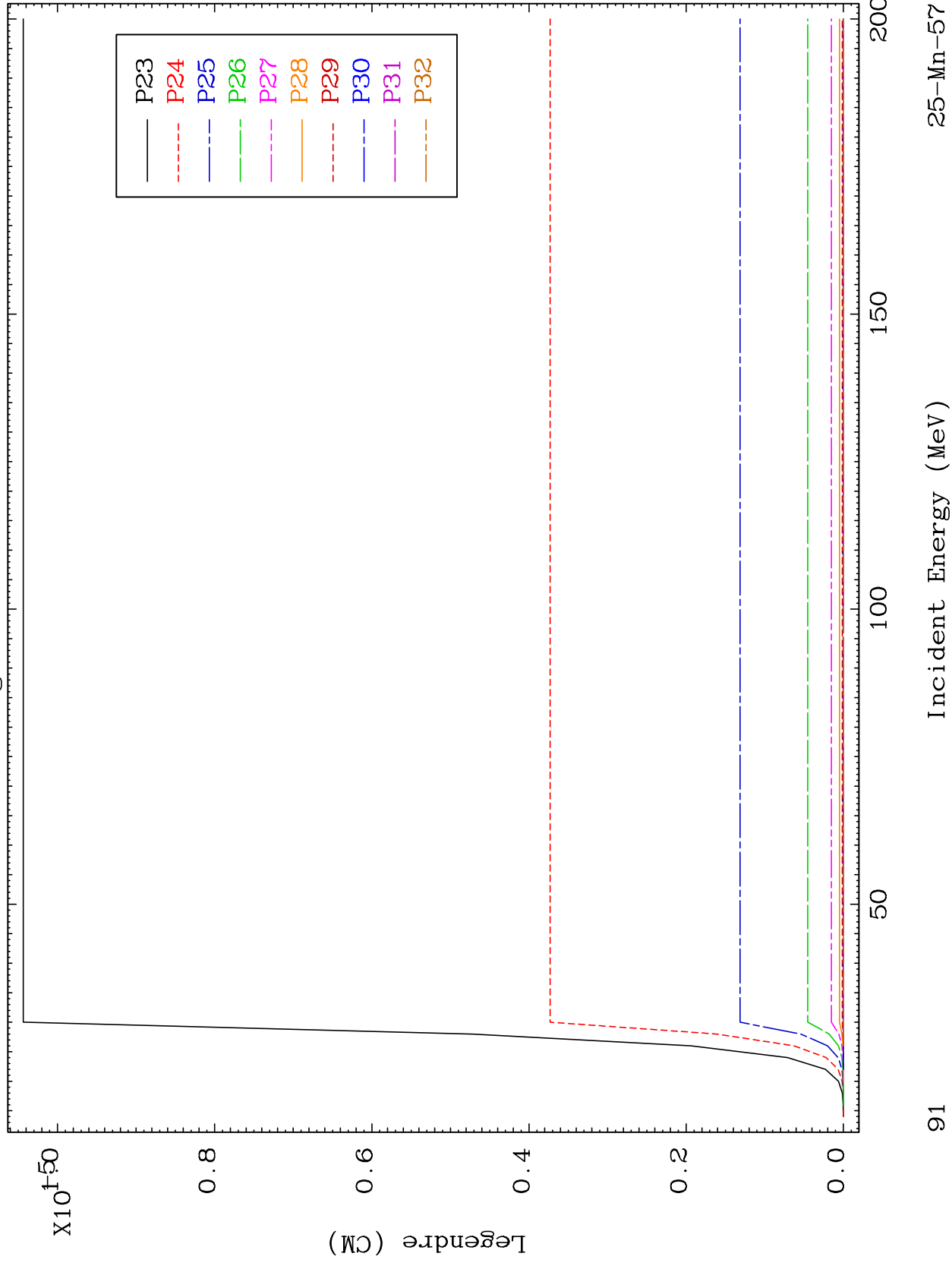
Incident Energy (MeV)

25-Mn-57

MAT 2531

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

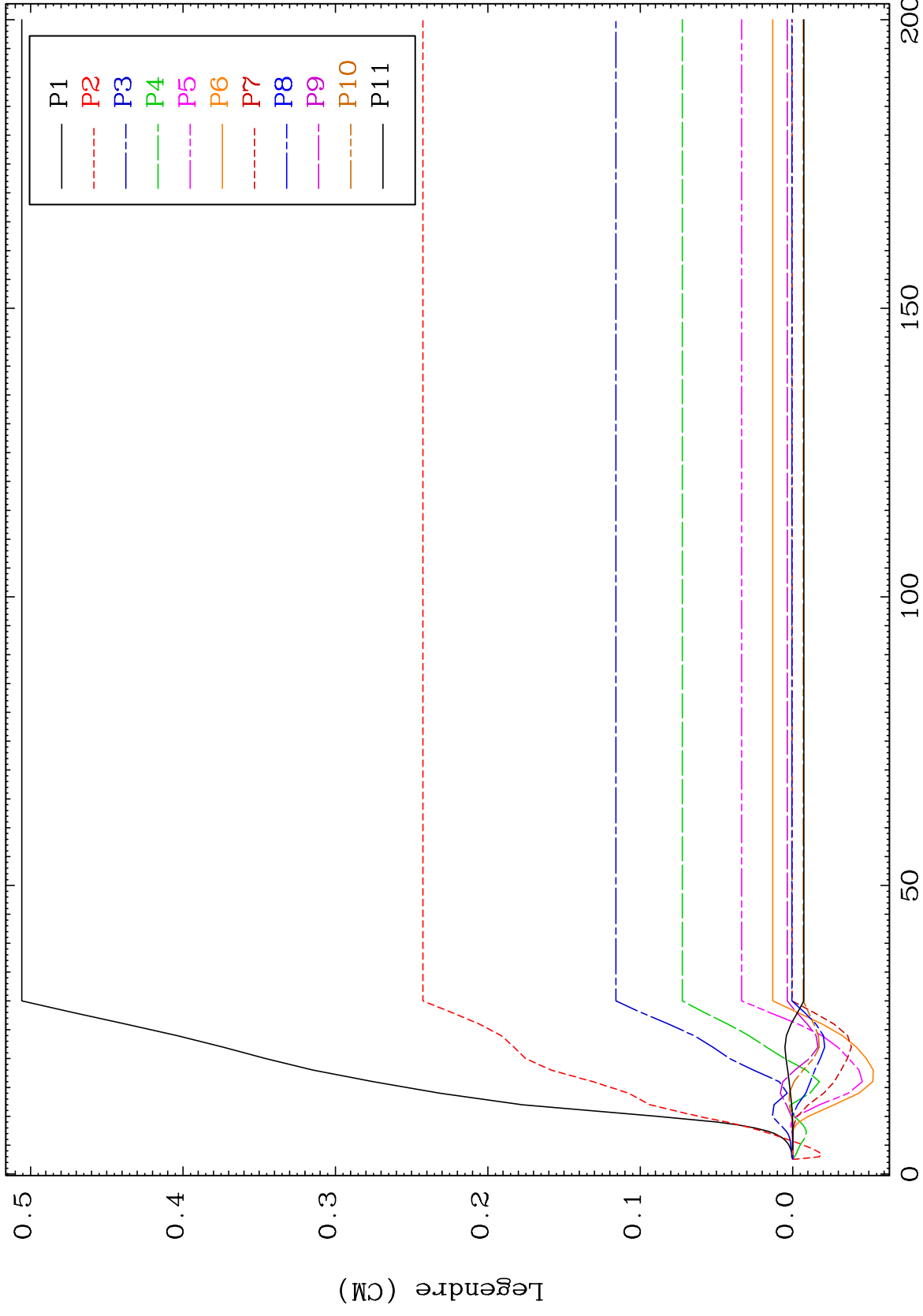
25-Mn-57



MAT 2531

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

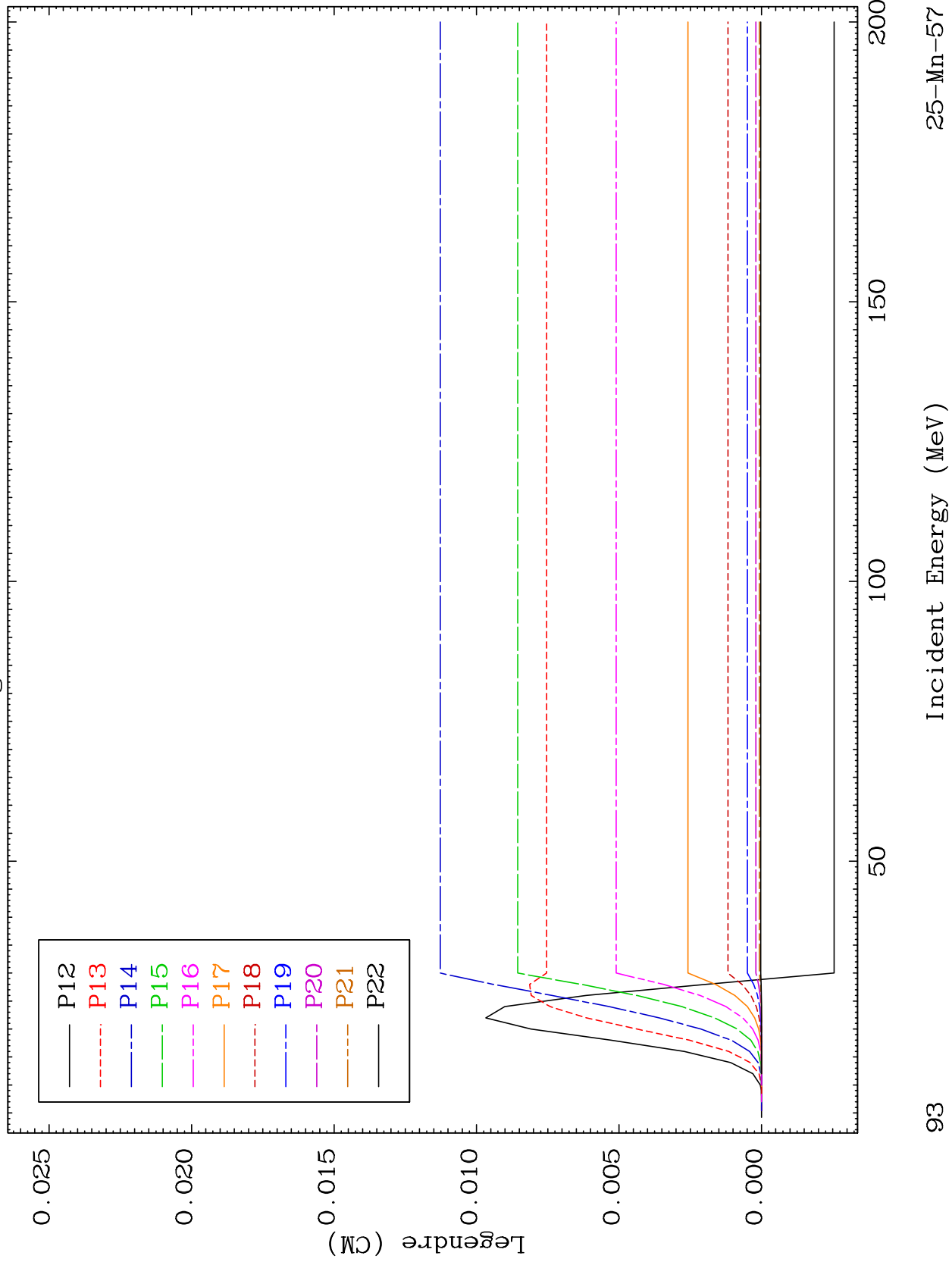
25-Mn-57



92

Incident Energy (MeV)

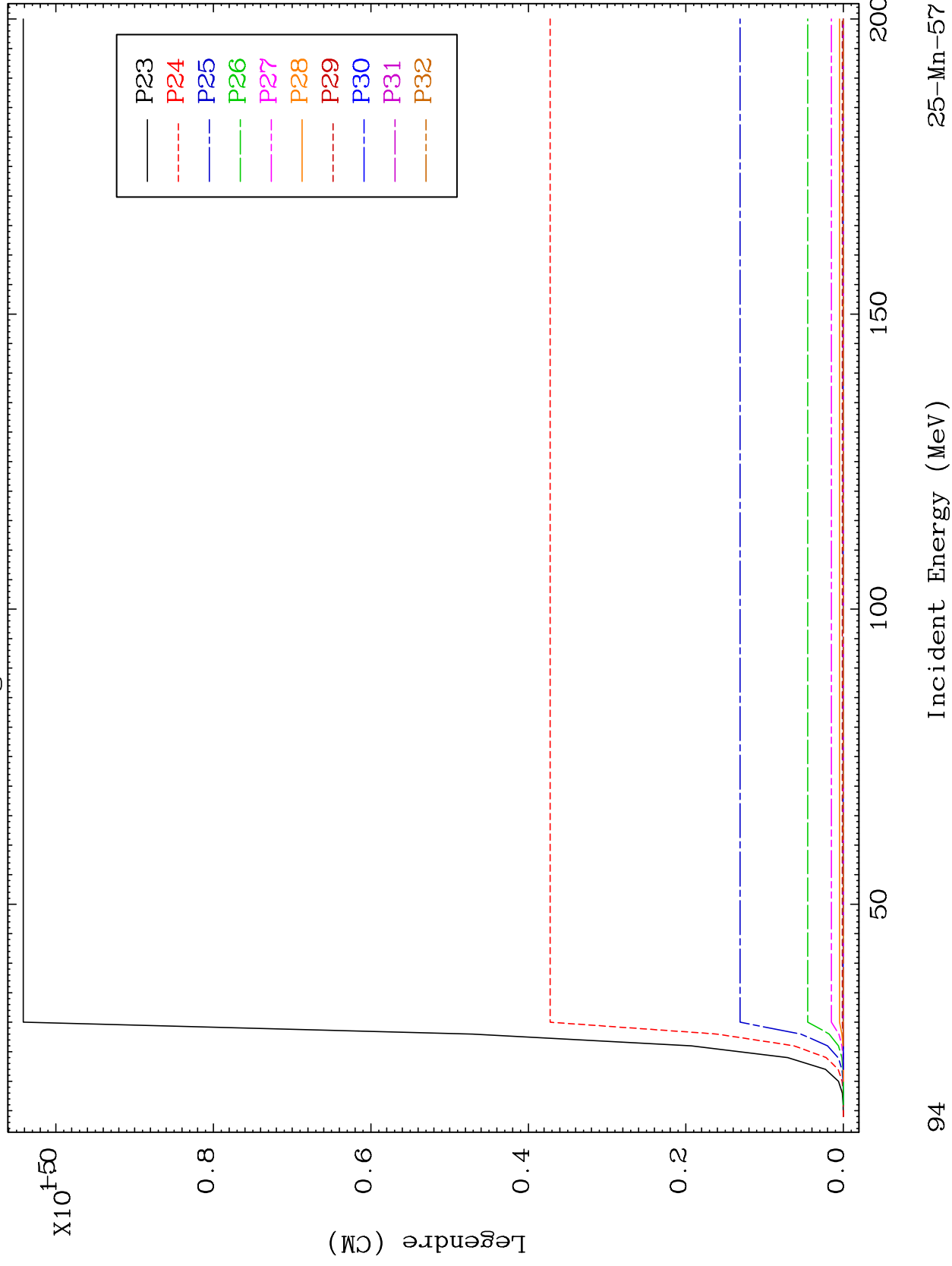
25-Mn-57

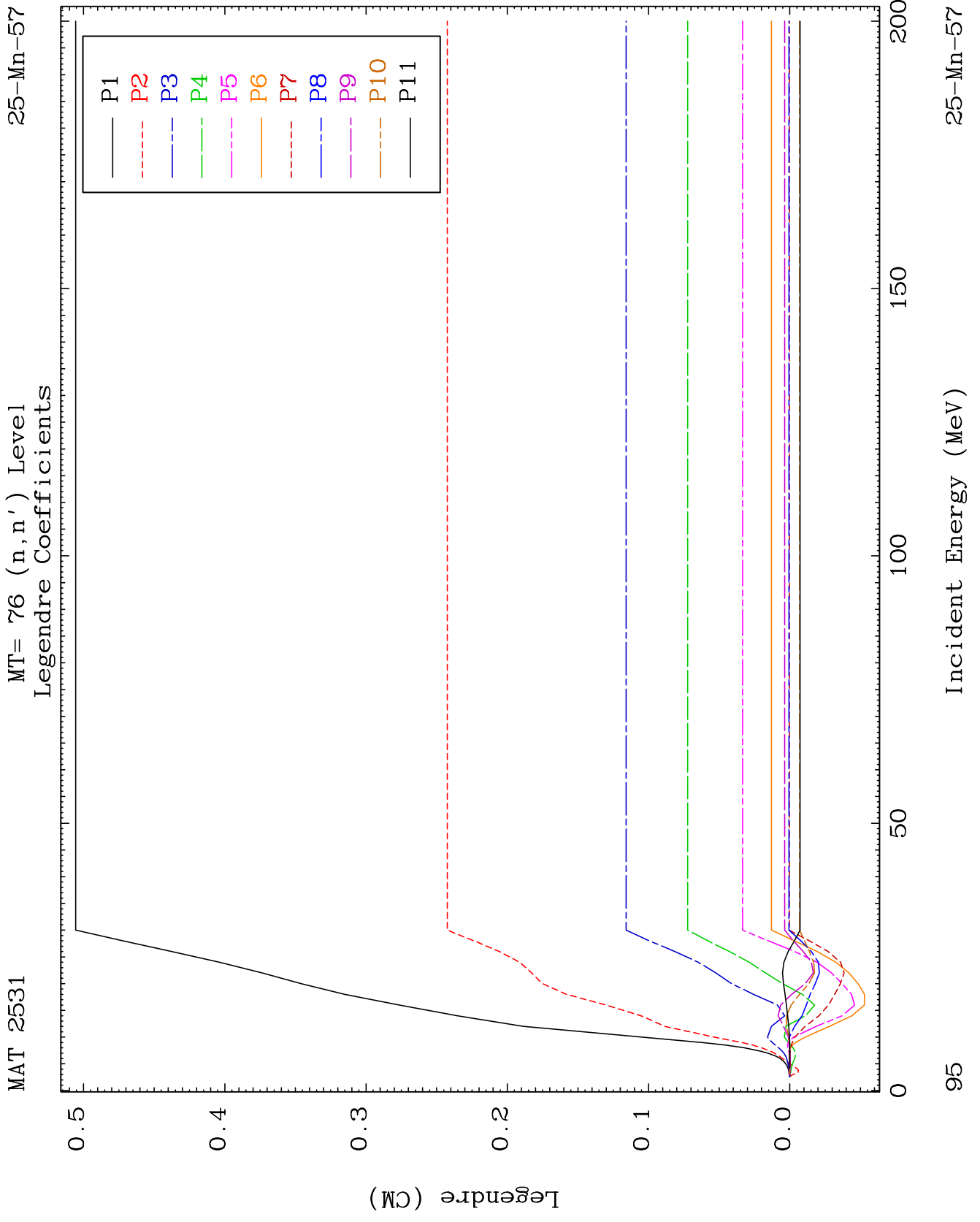


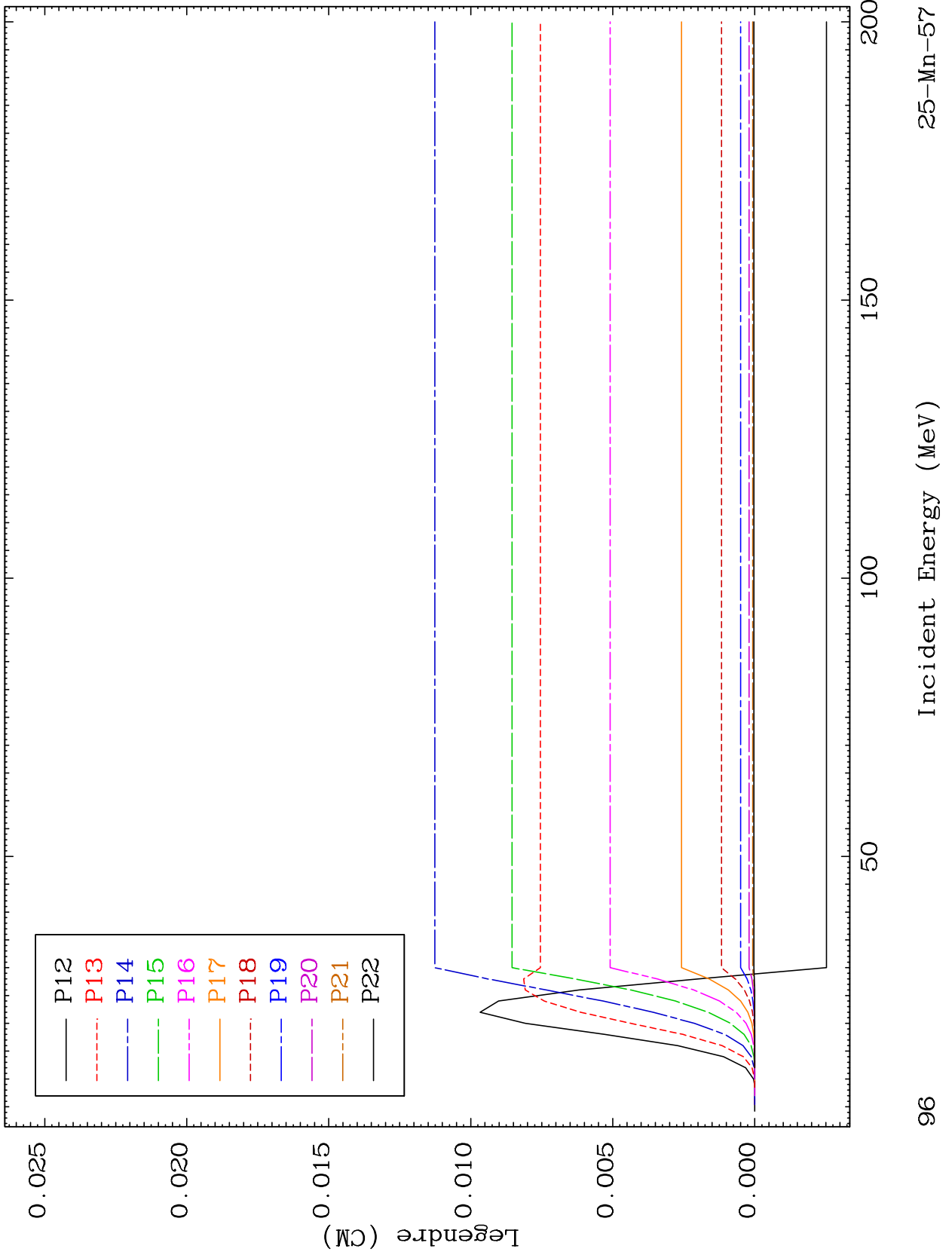
MAT 2531

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

25-Mn-57



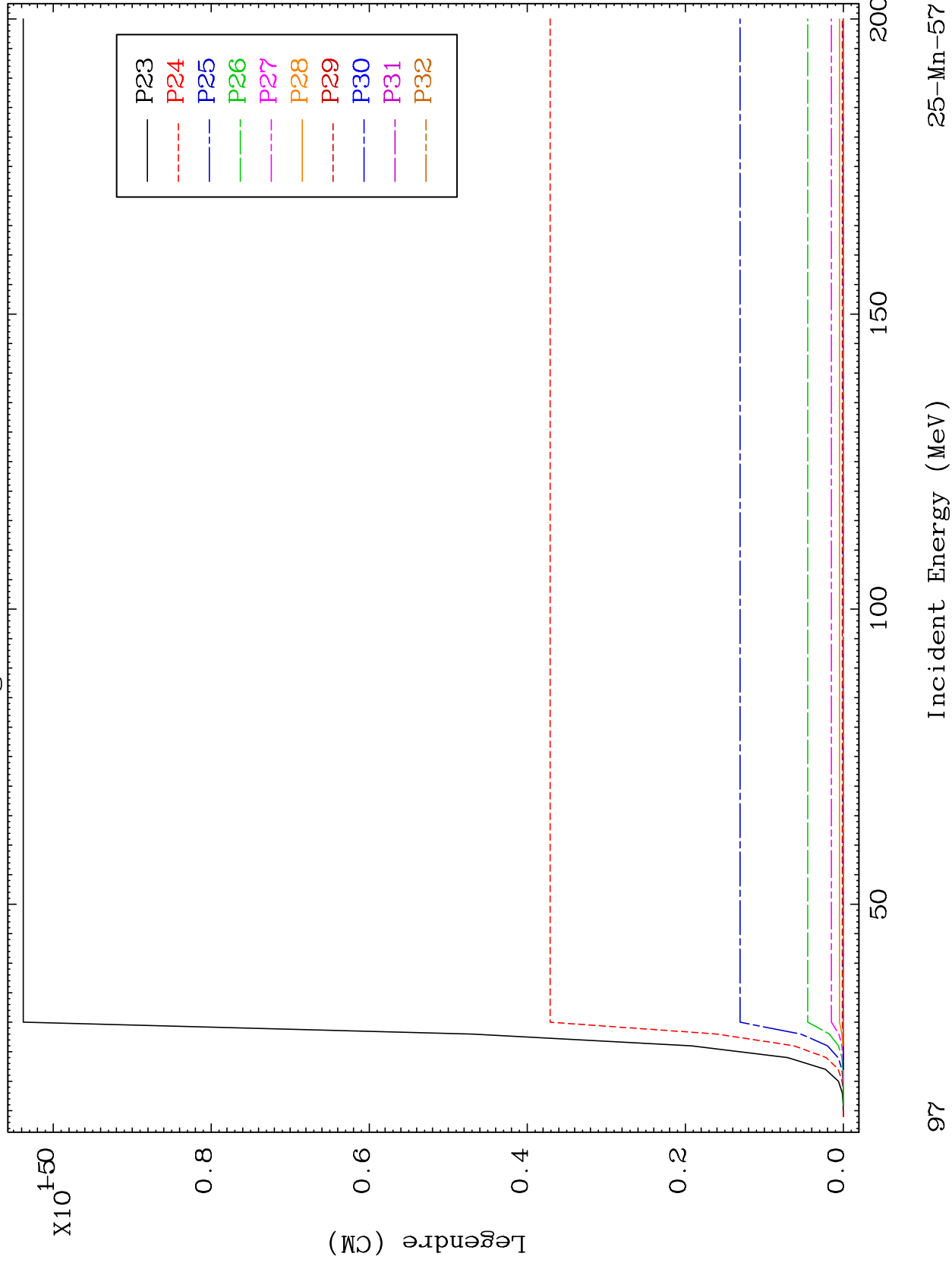




MAT 2531

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

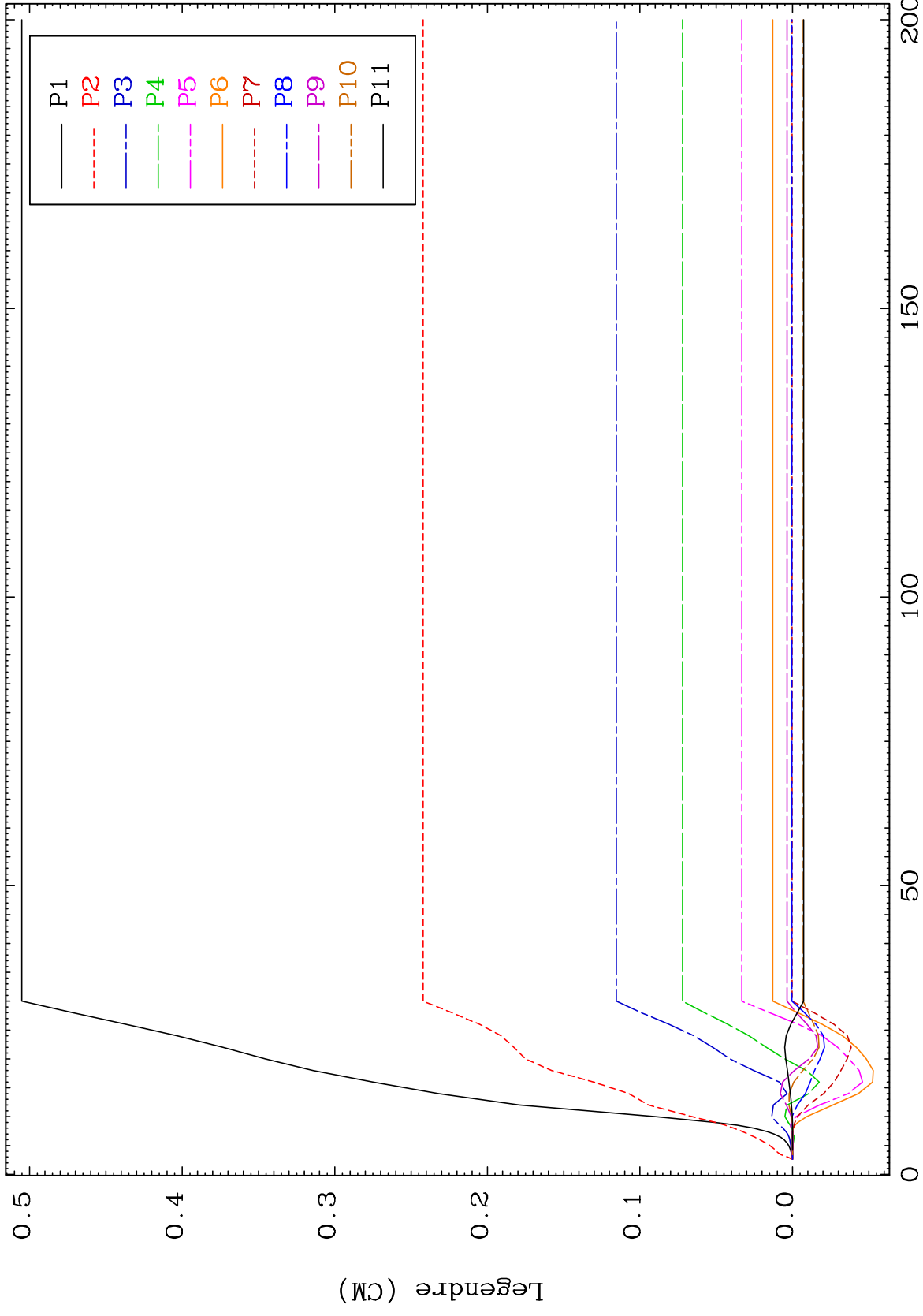
25-Mn-57



MAT 2531

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

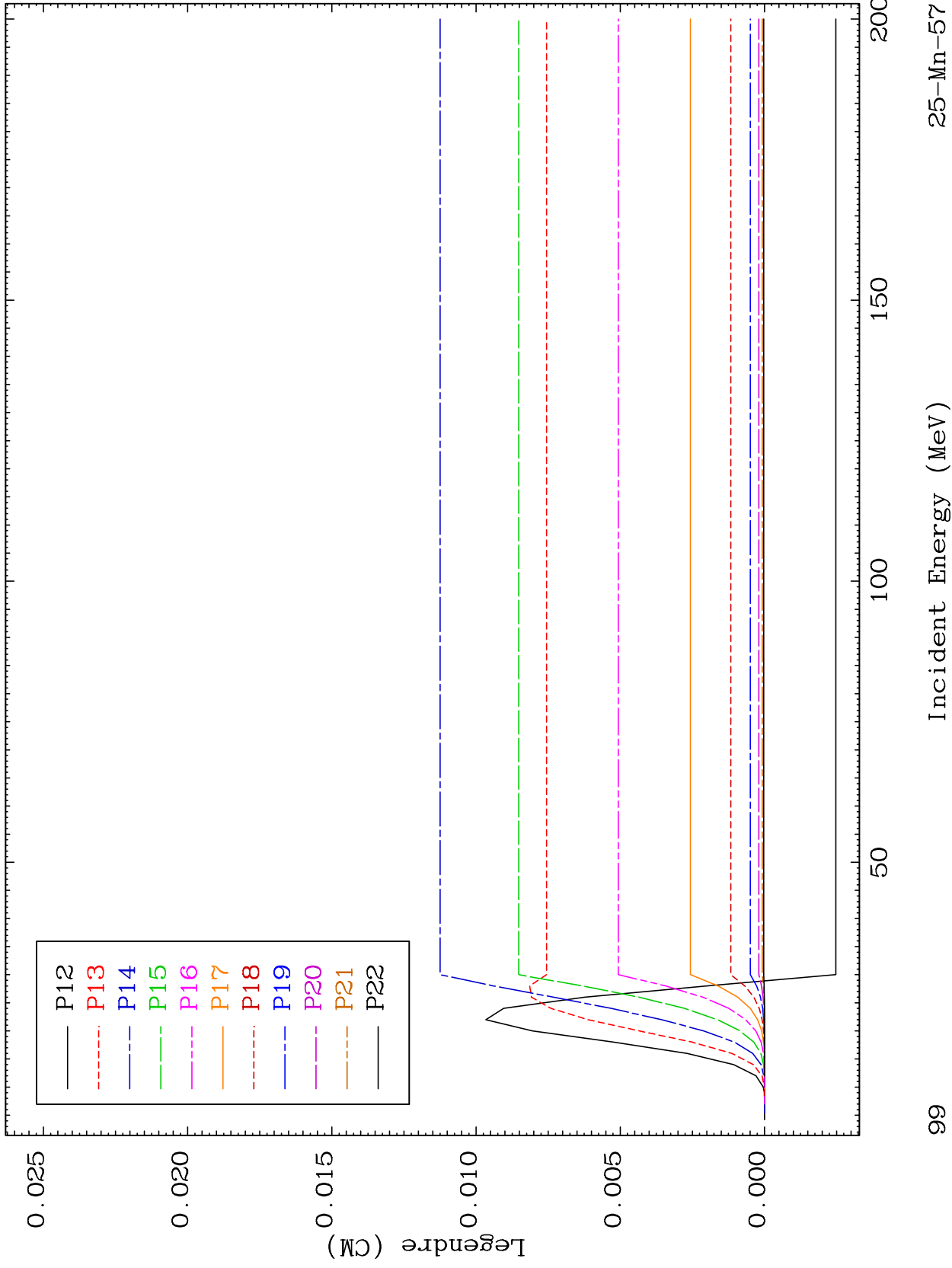
25-Mn-57

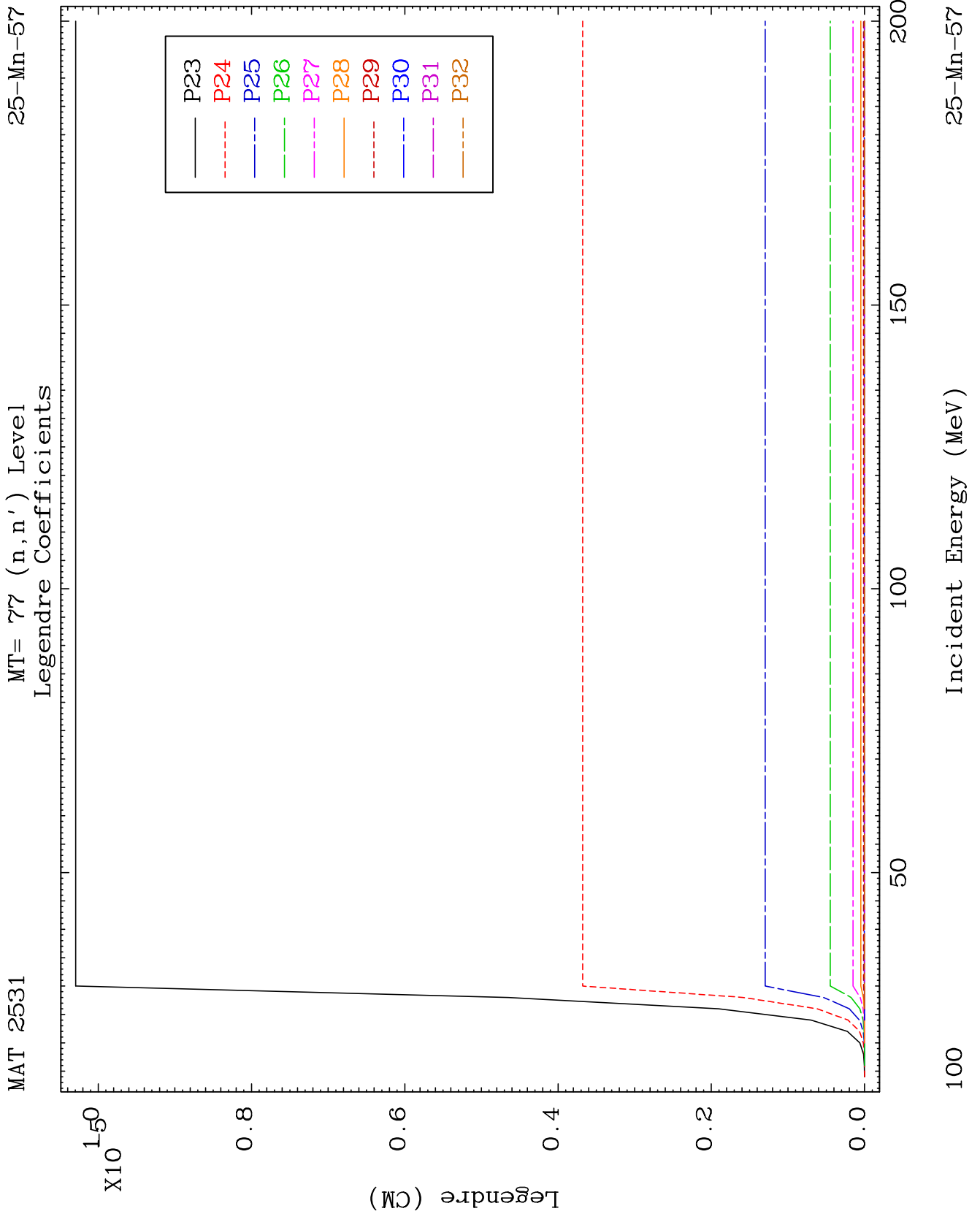


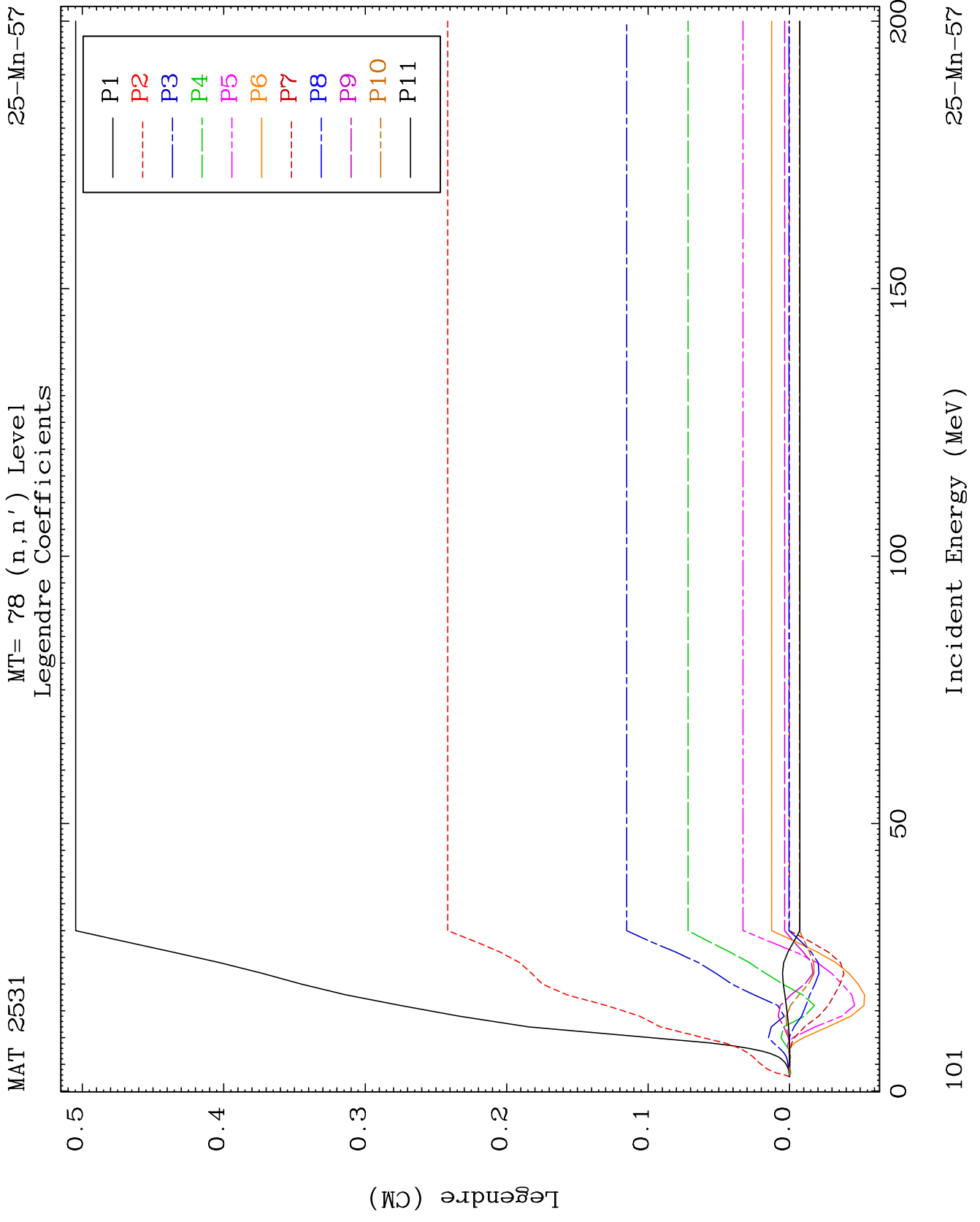
98

Incident Energy (MeV)

25-Mn-57



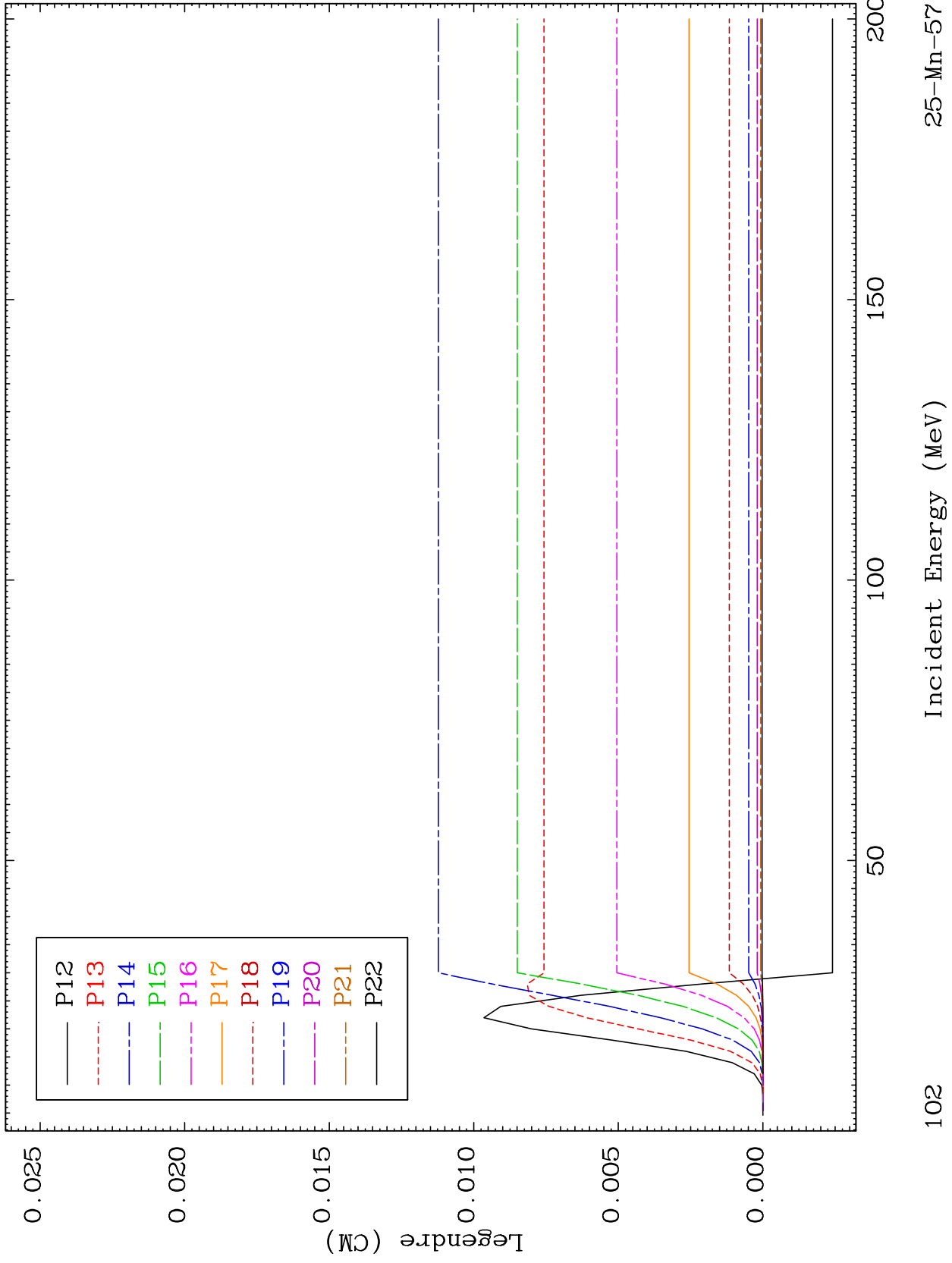




MAT 2531

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

25-Mn-57



102

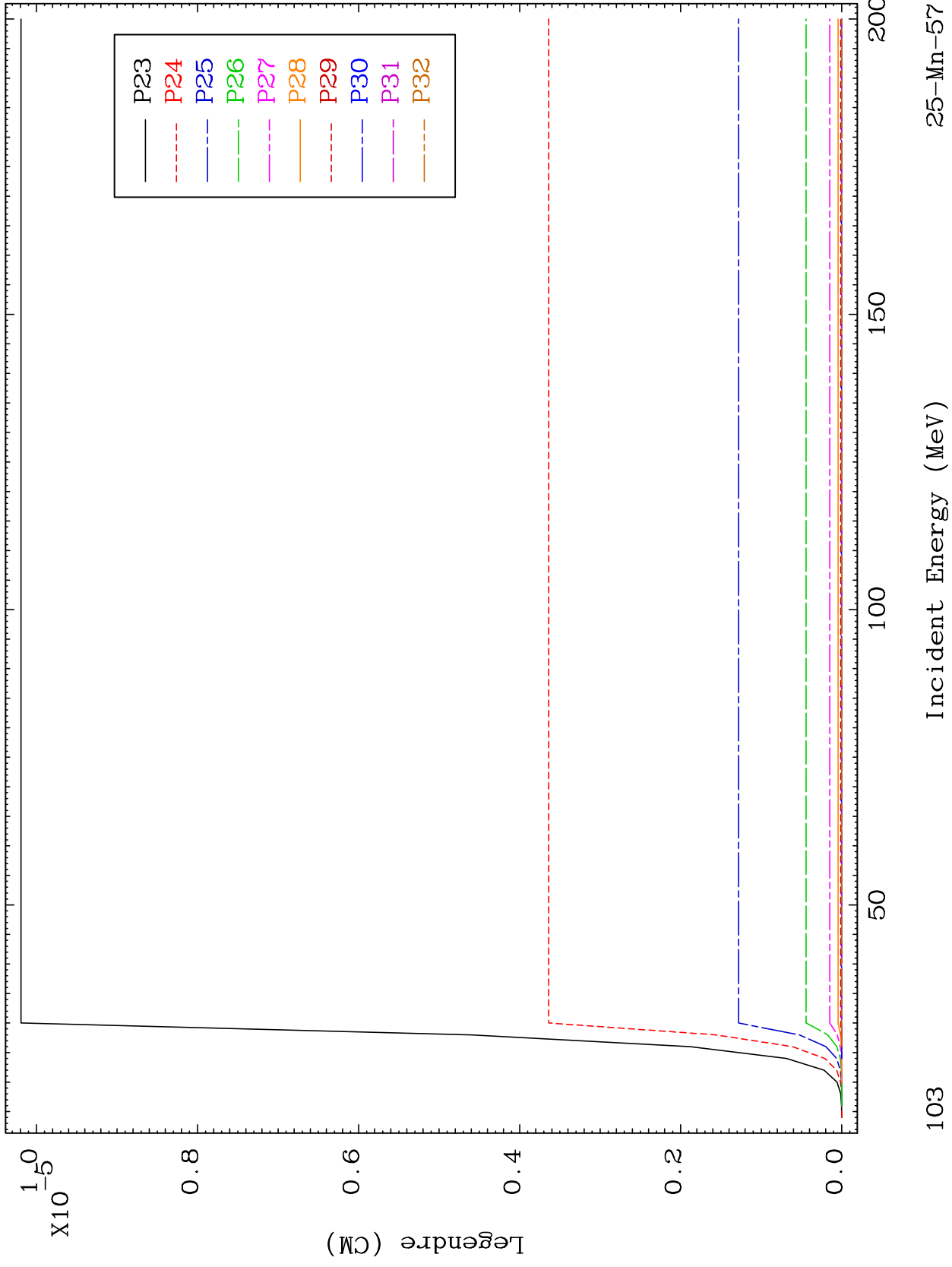
Incident Energy (MeV)

25-Mn-57

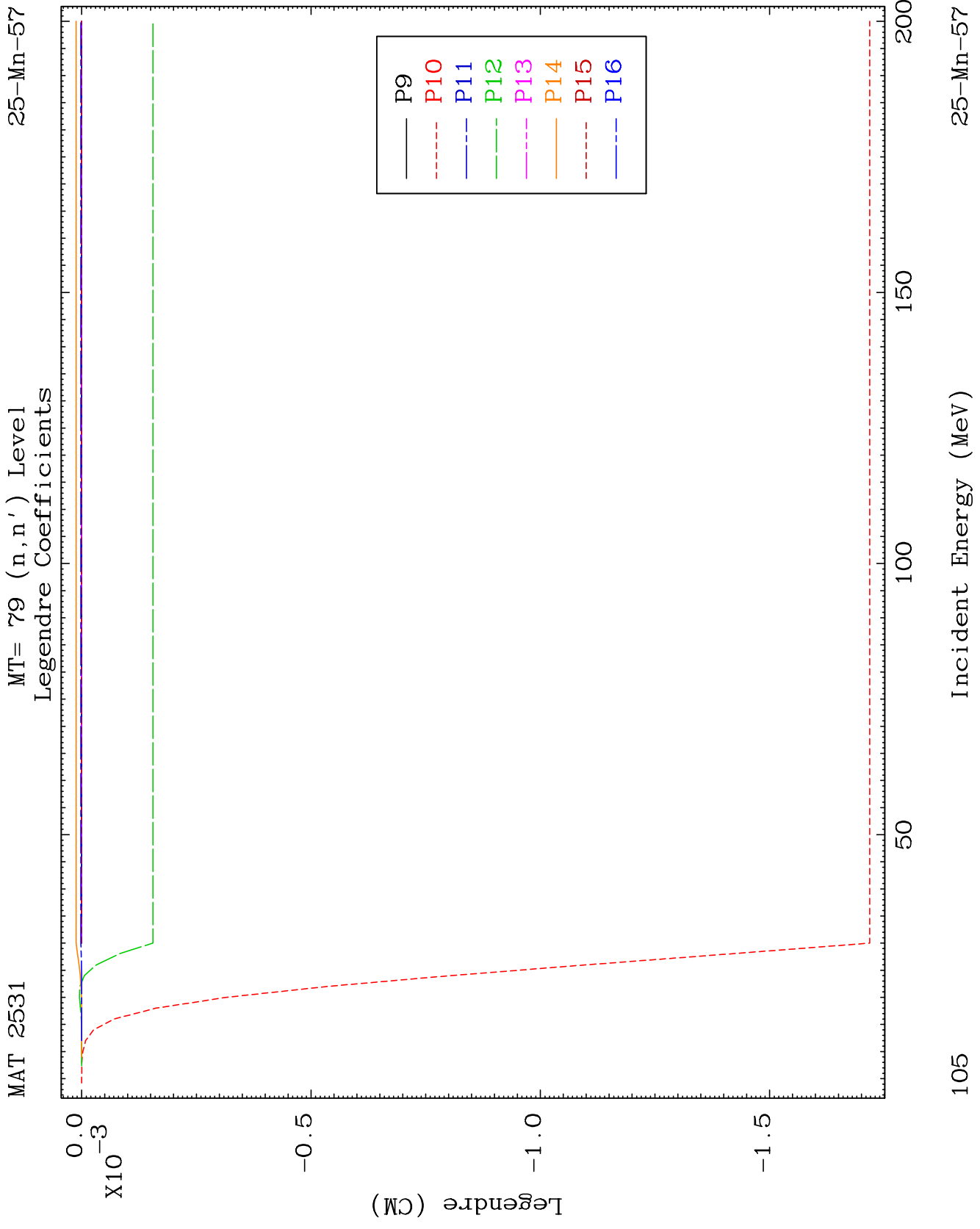
MAT 2531

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

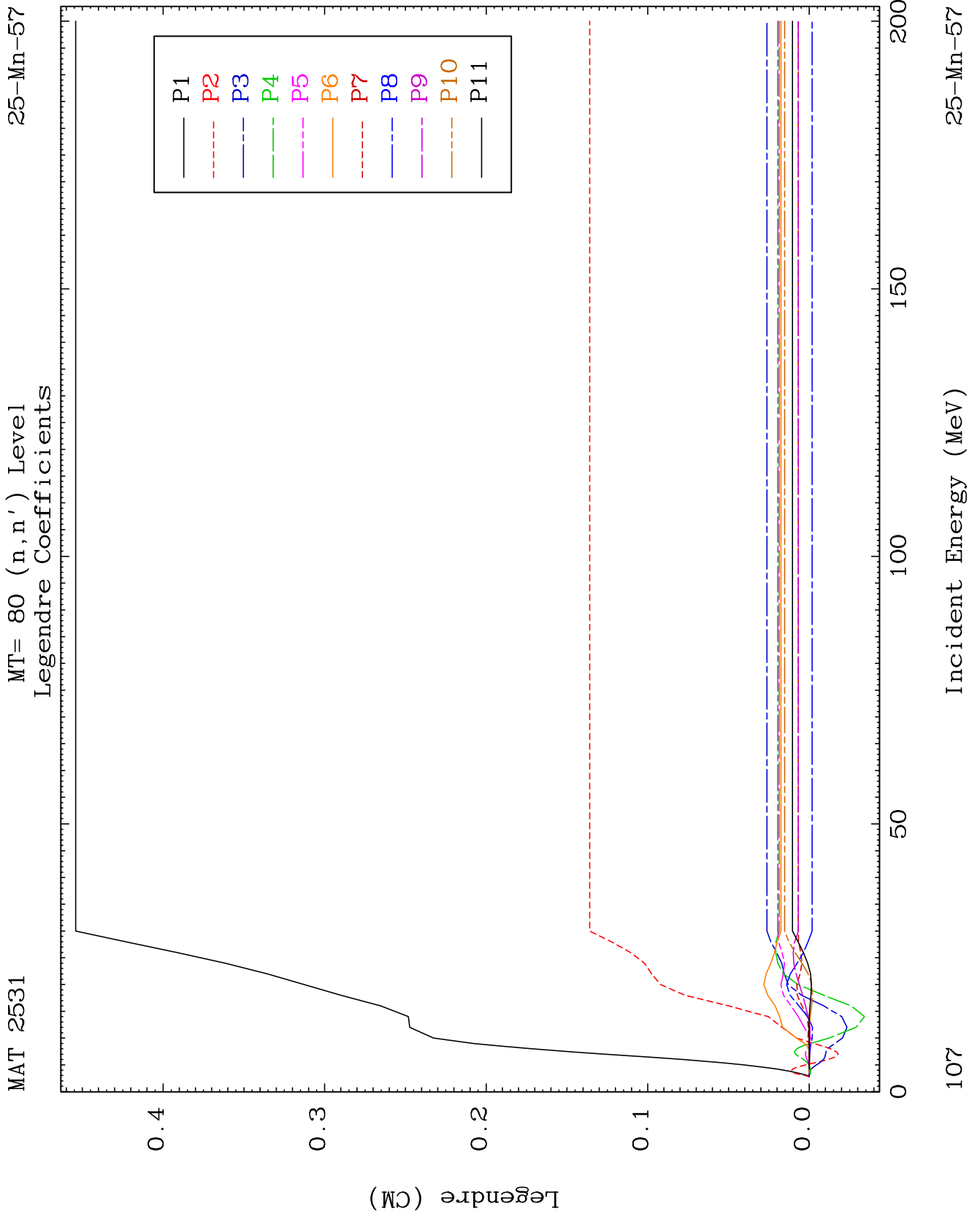
25-Mn-57







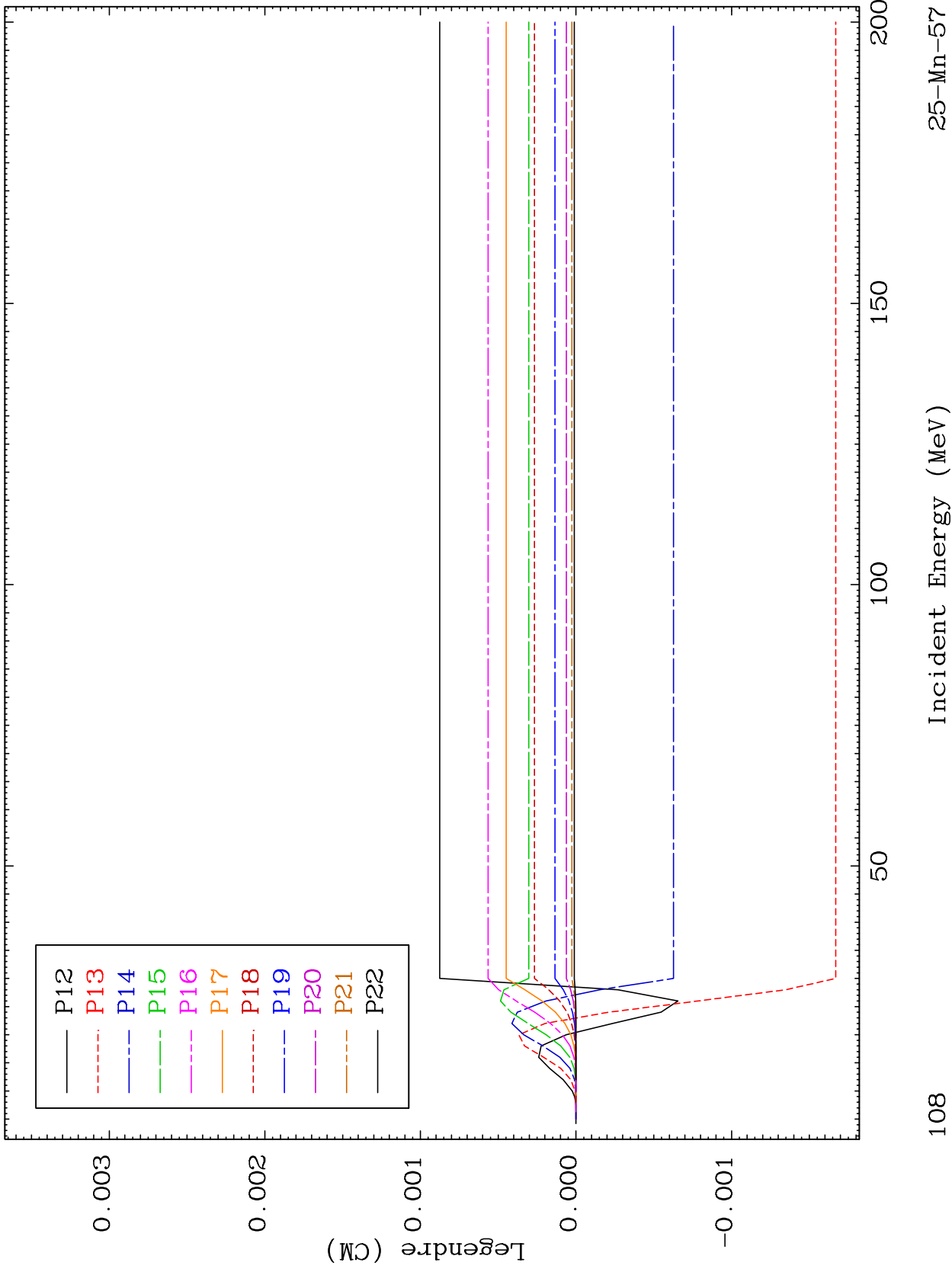




MAT 2531

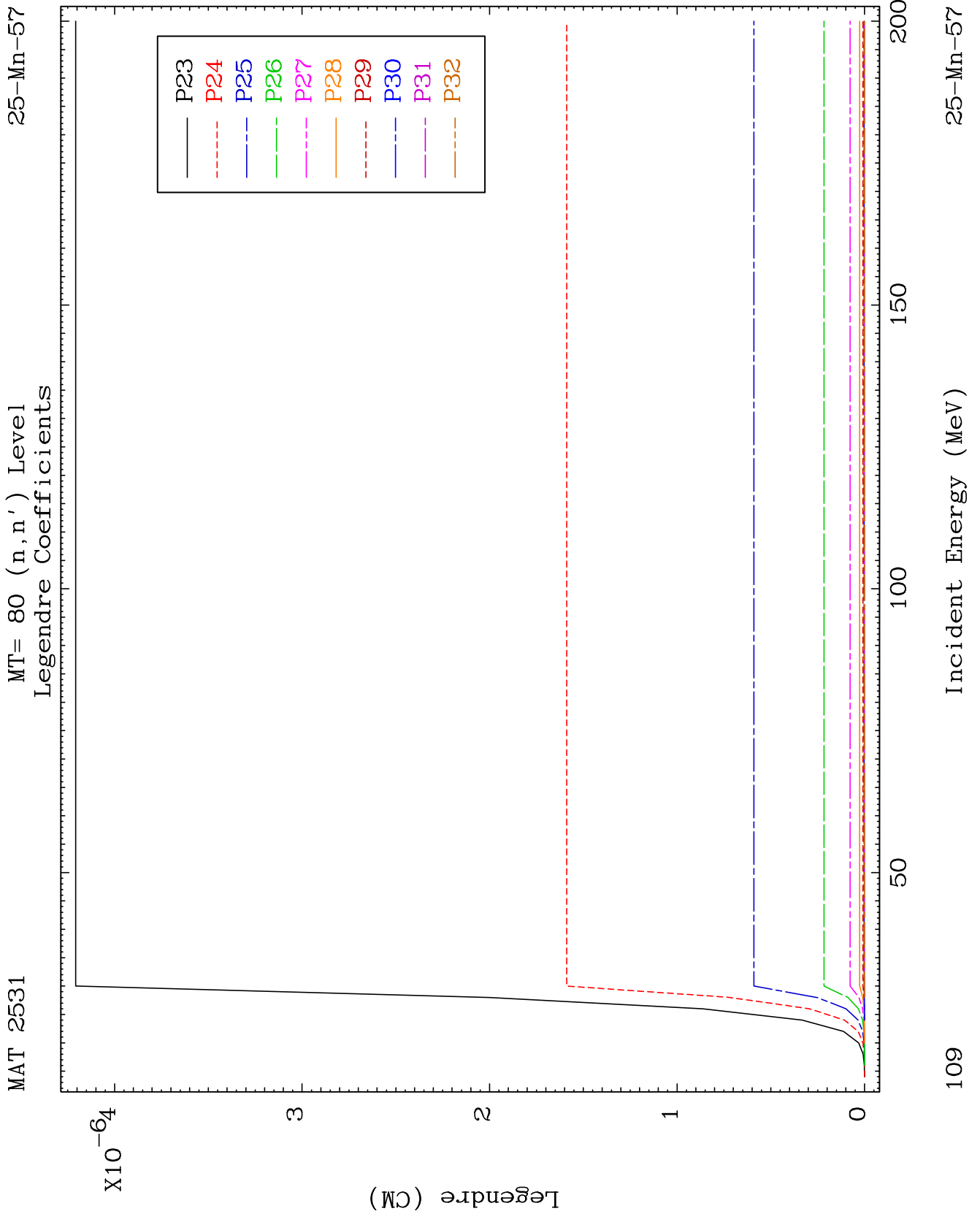
MT= 80 (n,n') Level  
Legendre Coefficients

25-Mn-57



108

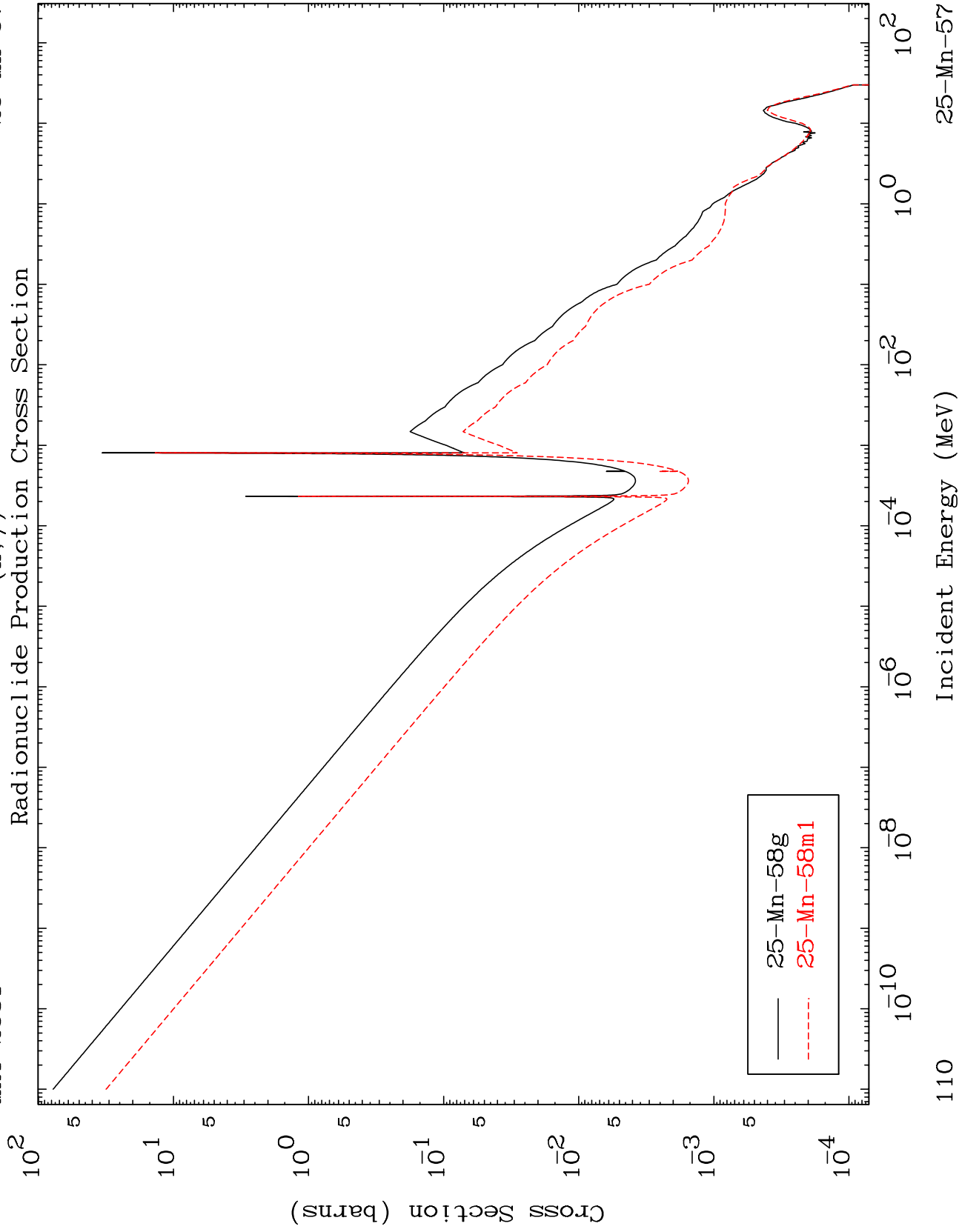
25-Mn-57



MAT 2531

25-Mn-57

(n,  $\gamma$ )  
Radionuclide Production Cross Section



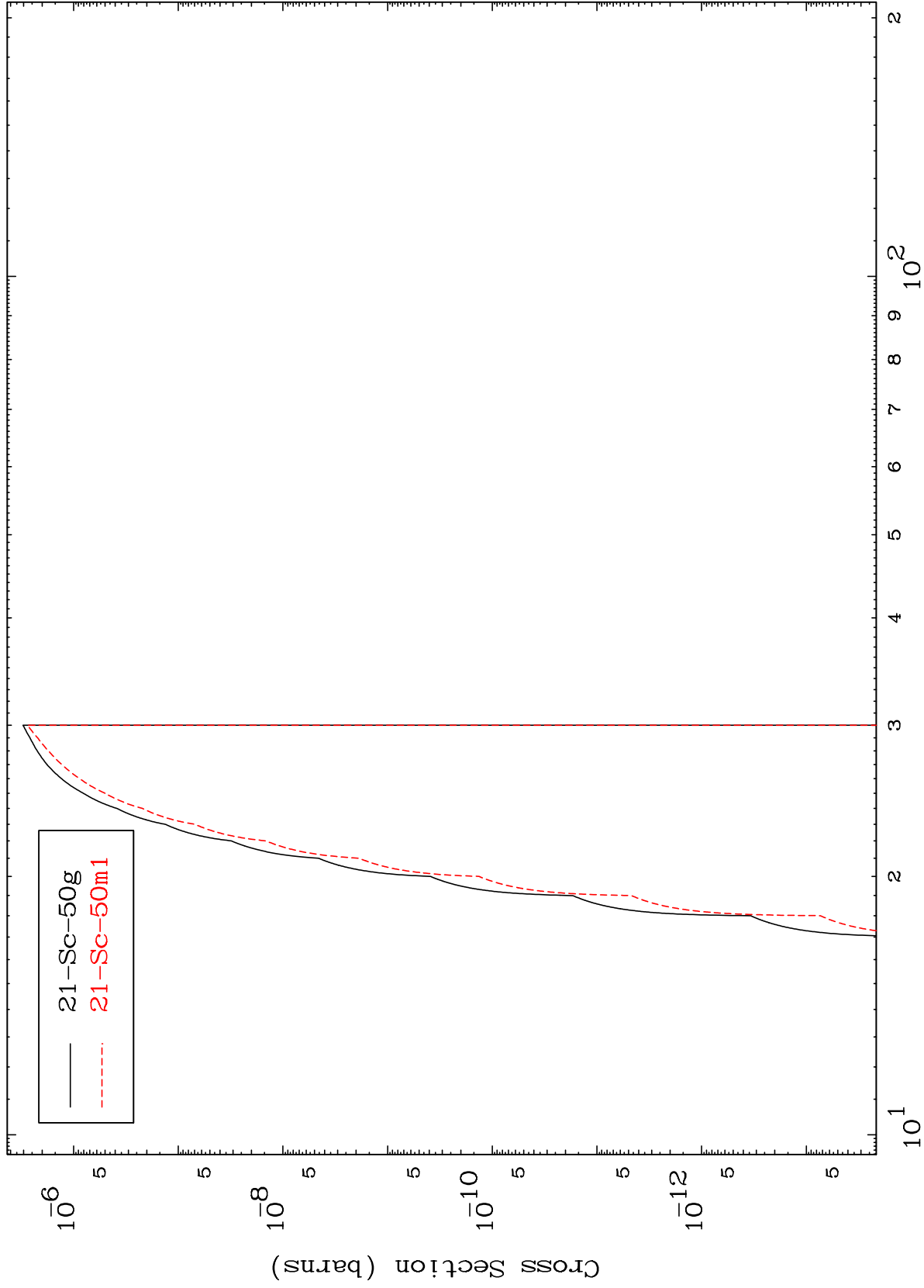
110

MAT 2531

(n,2α)

25-Mn-57

Radionuclide Production Cross Section



— 21-Sc-50g  
- - - 21-Sc-50ml