

Program EVALPLOT  
(Version 2017-1)

by

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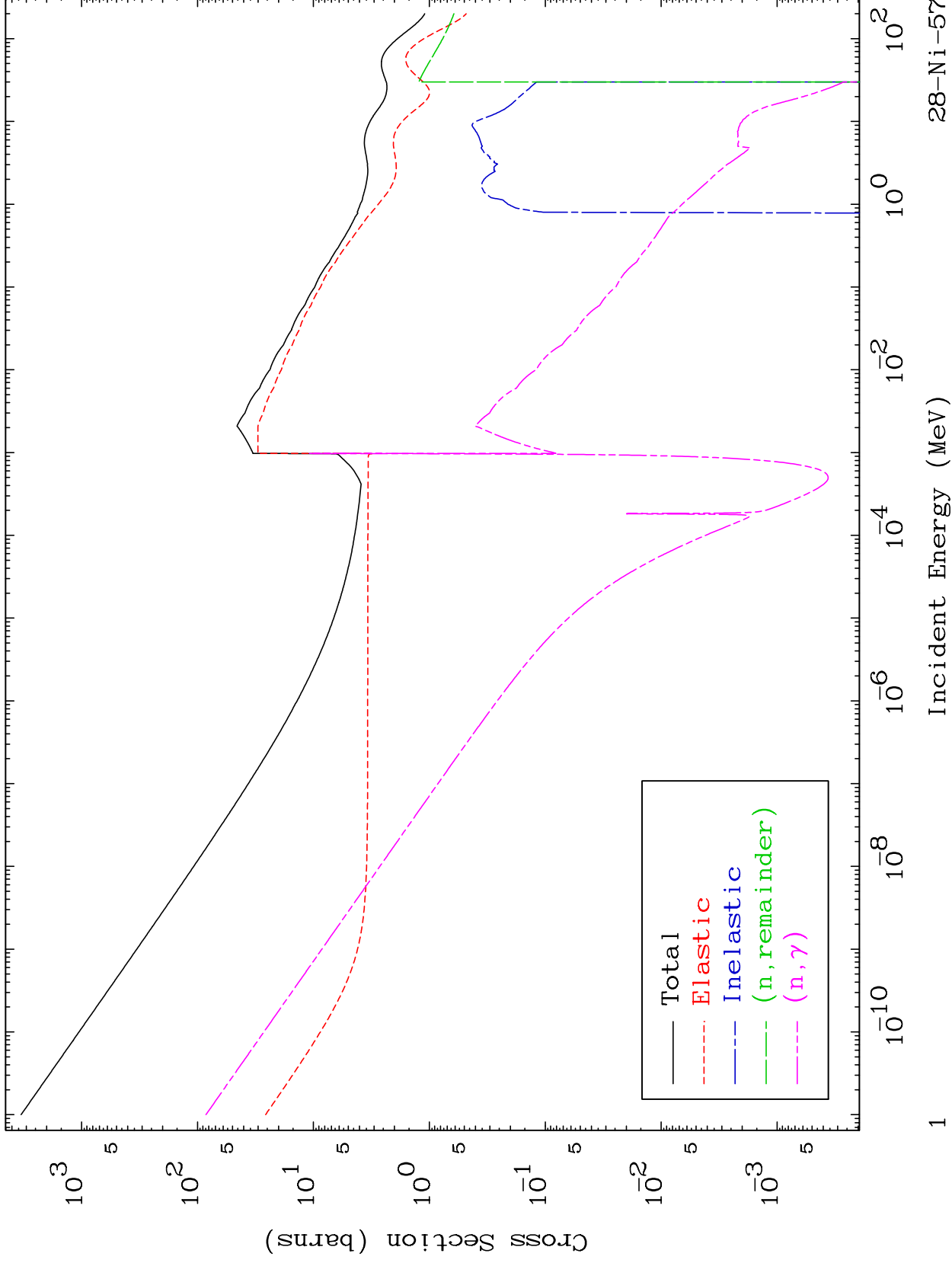
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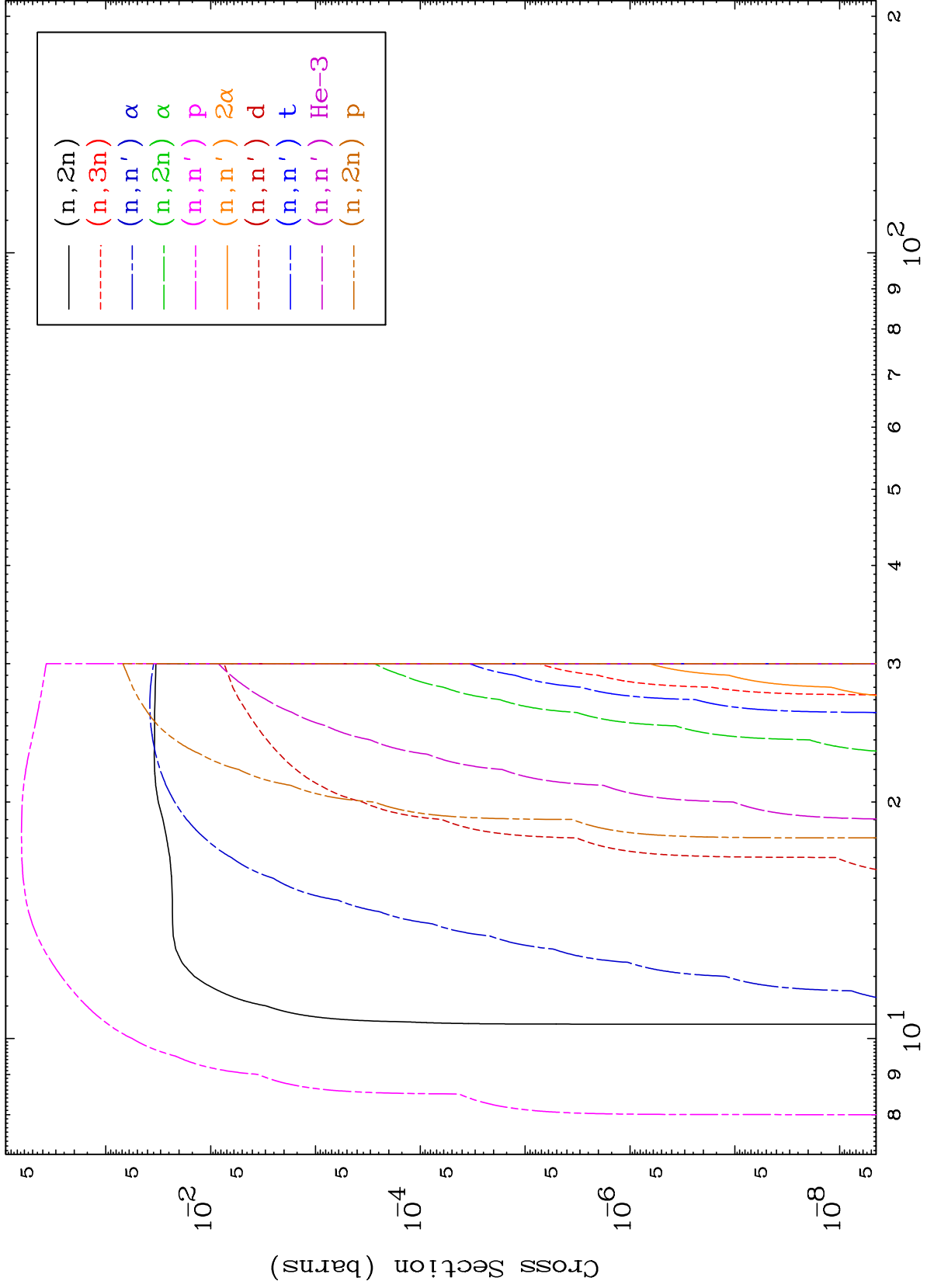
Press Mouse Button to Start

MAT 2822

Major  
293 Kelvin Cross Sections

28-Ni-57

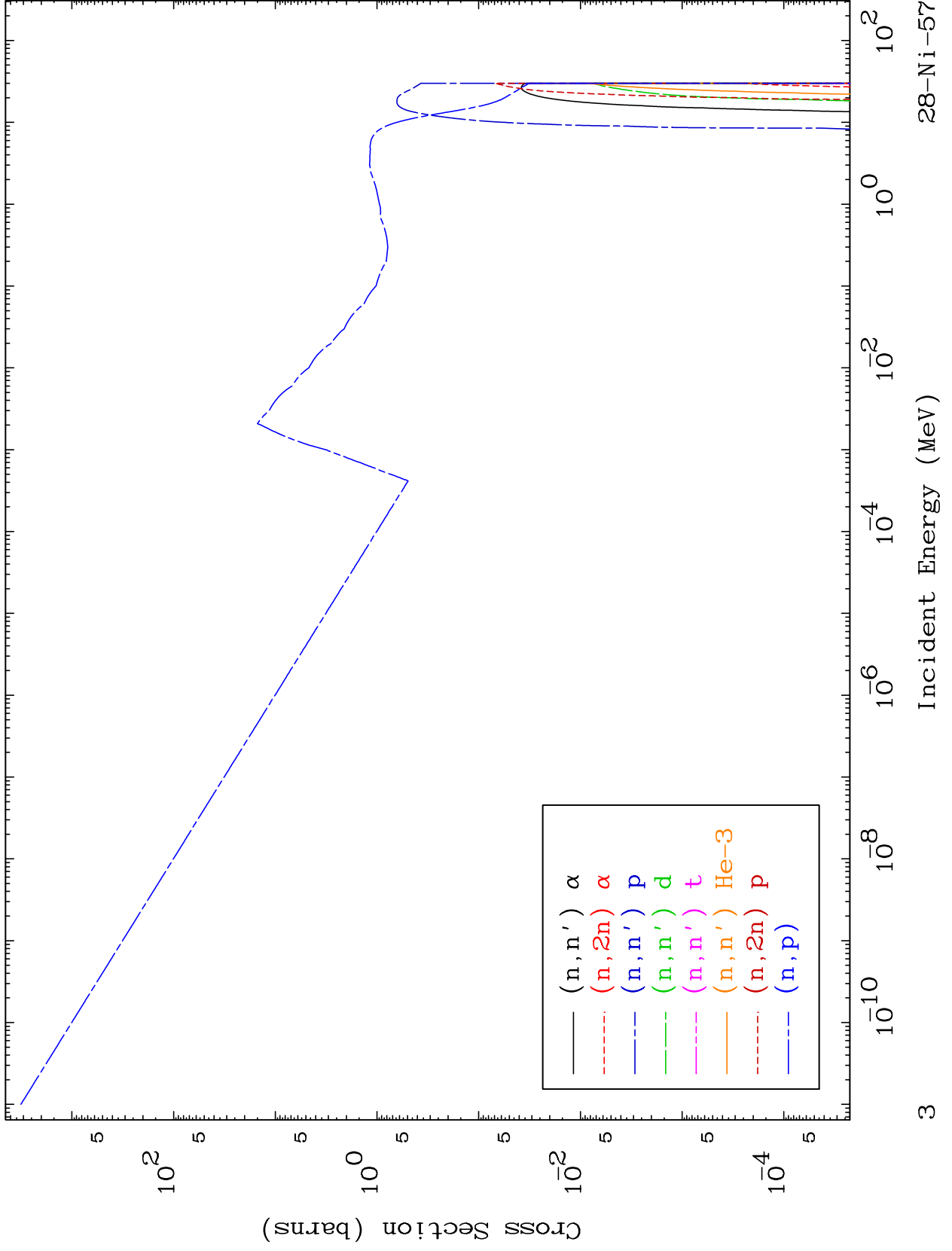




MAT 2822

Charged Particle  
293 Kelvin Cross Sections

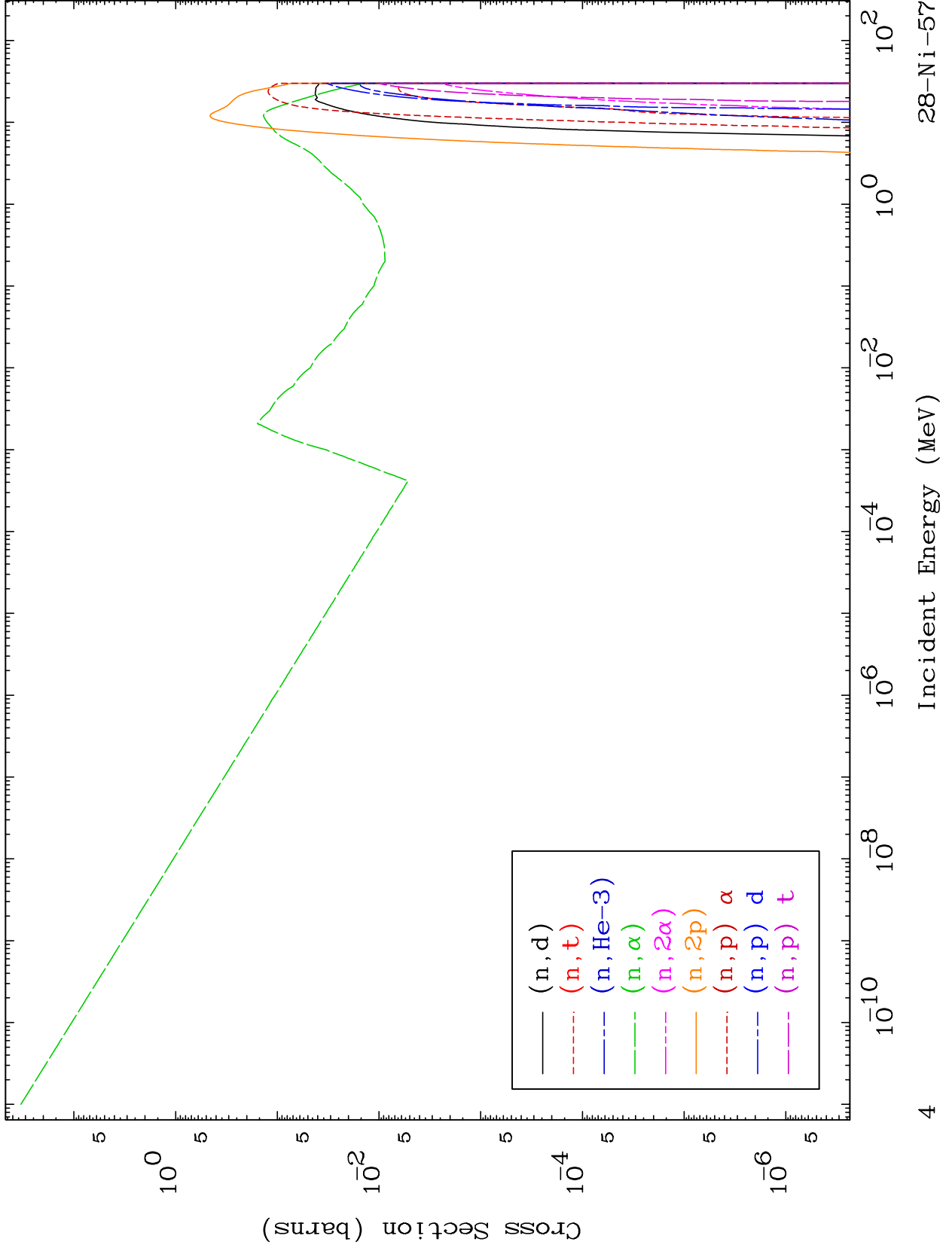
28-Ni-57



MAT 2822

Charged Particle  
293 Kelvin Cross Sections

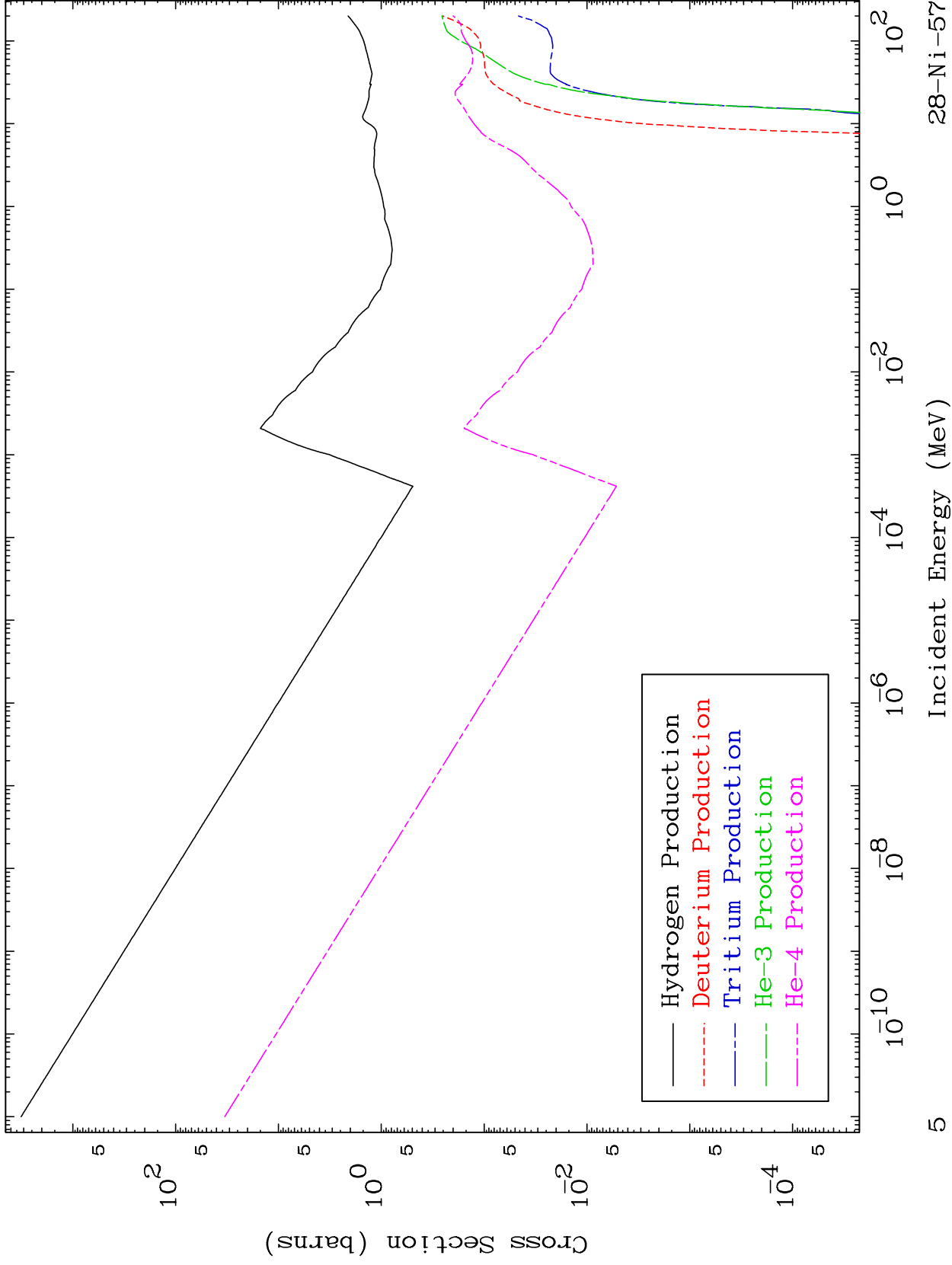
28-Ni-57



MAT 2822

Particle Production  
293 Kelvin Cross Sections

28-Ni-57

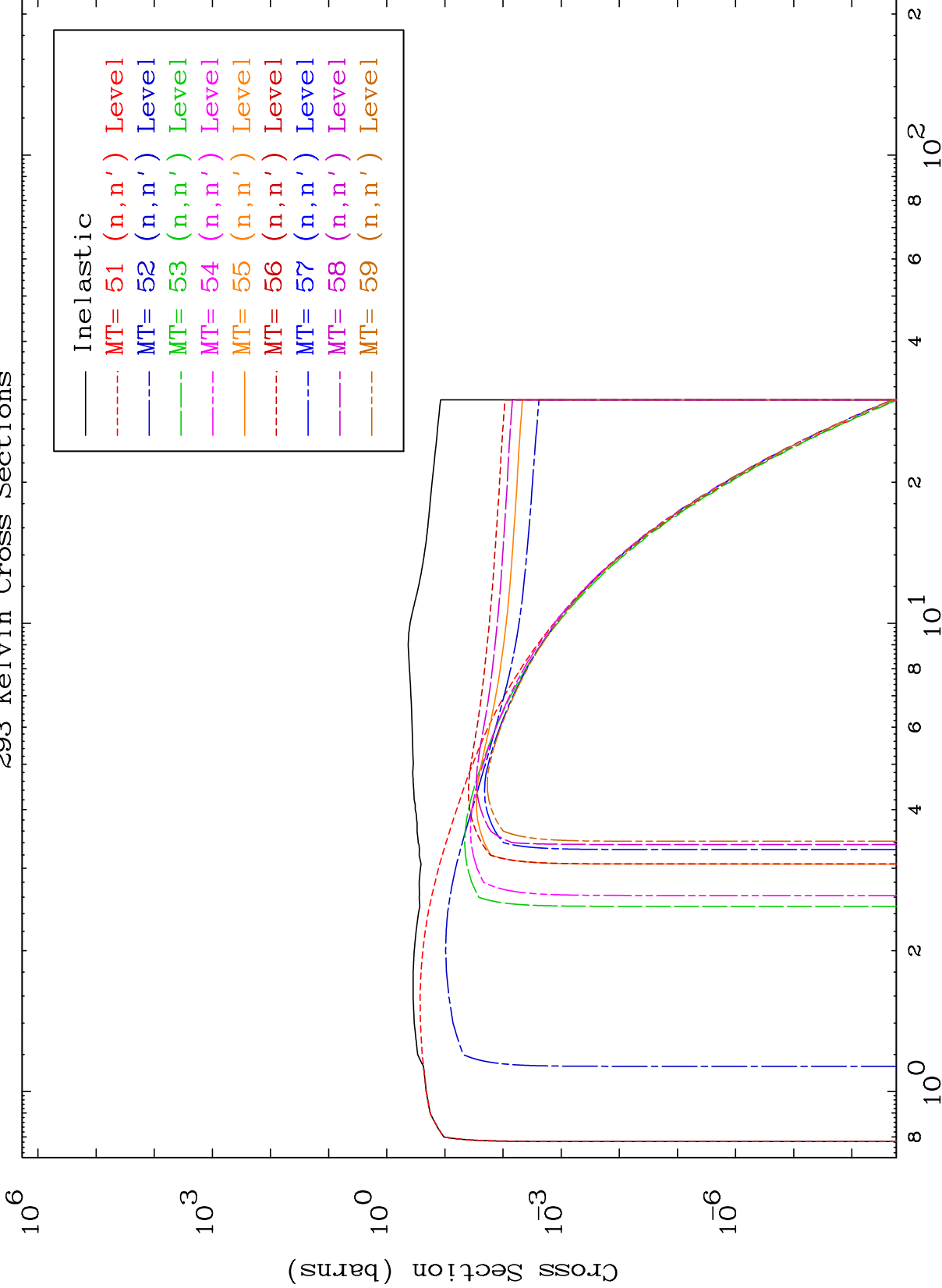


MAT 2822

(n,n') Level

28-Ni-57

293 Kelvin Cross Sections



Incident Energy (MeV)

28-Ni-57

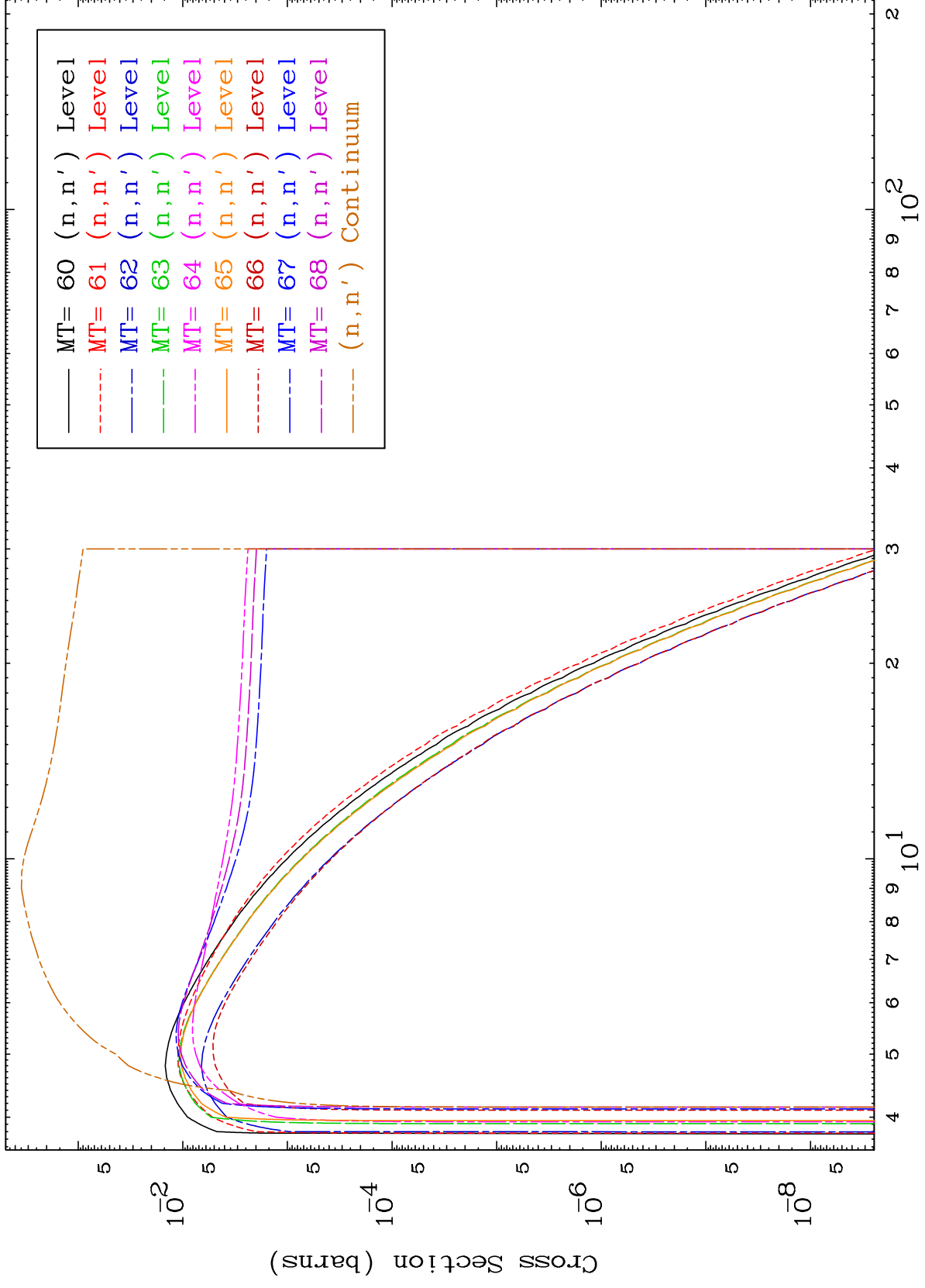
6

MAT 2822

(n,n') Level

28-Ni-57

293 Kelvin Cross Sections



7

Incident Energy (MeV)

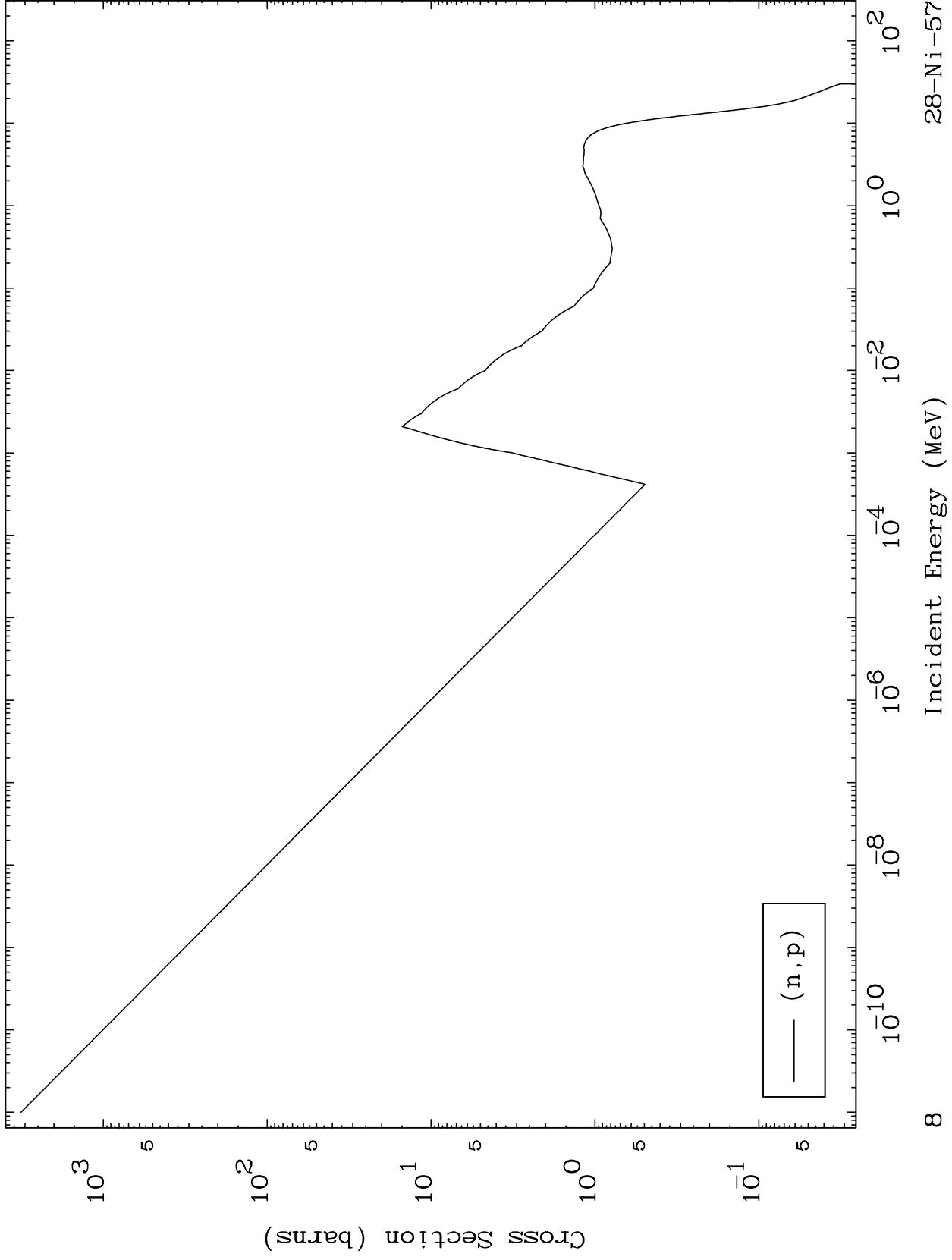
28-Ni-57



MAT 2822

(n,p) Levels  
293 Kelvin Cross Sections

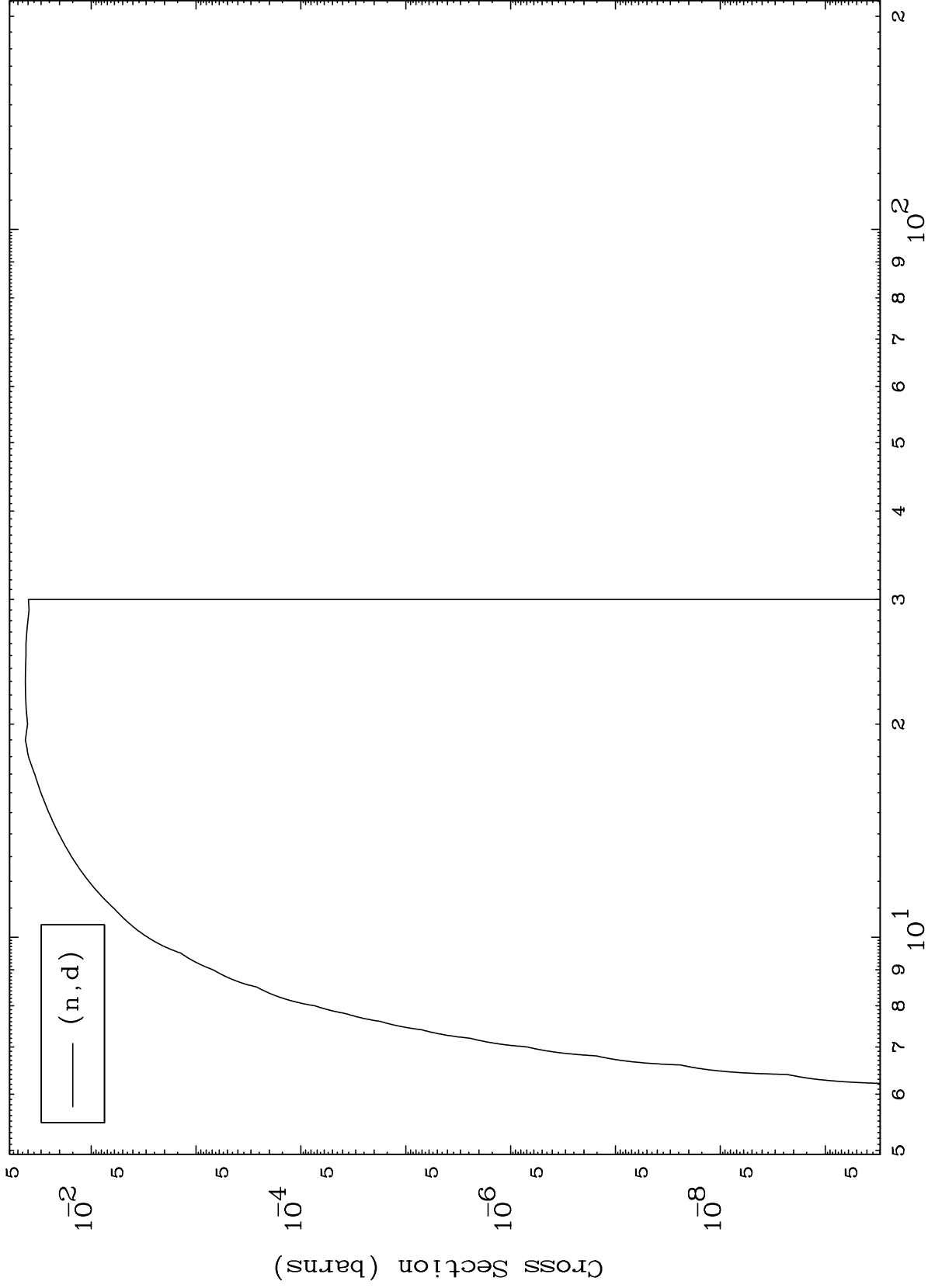
28-Ni-57



MAT 28222

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-57



9

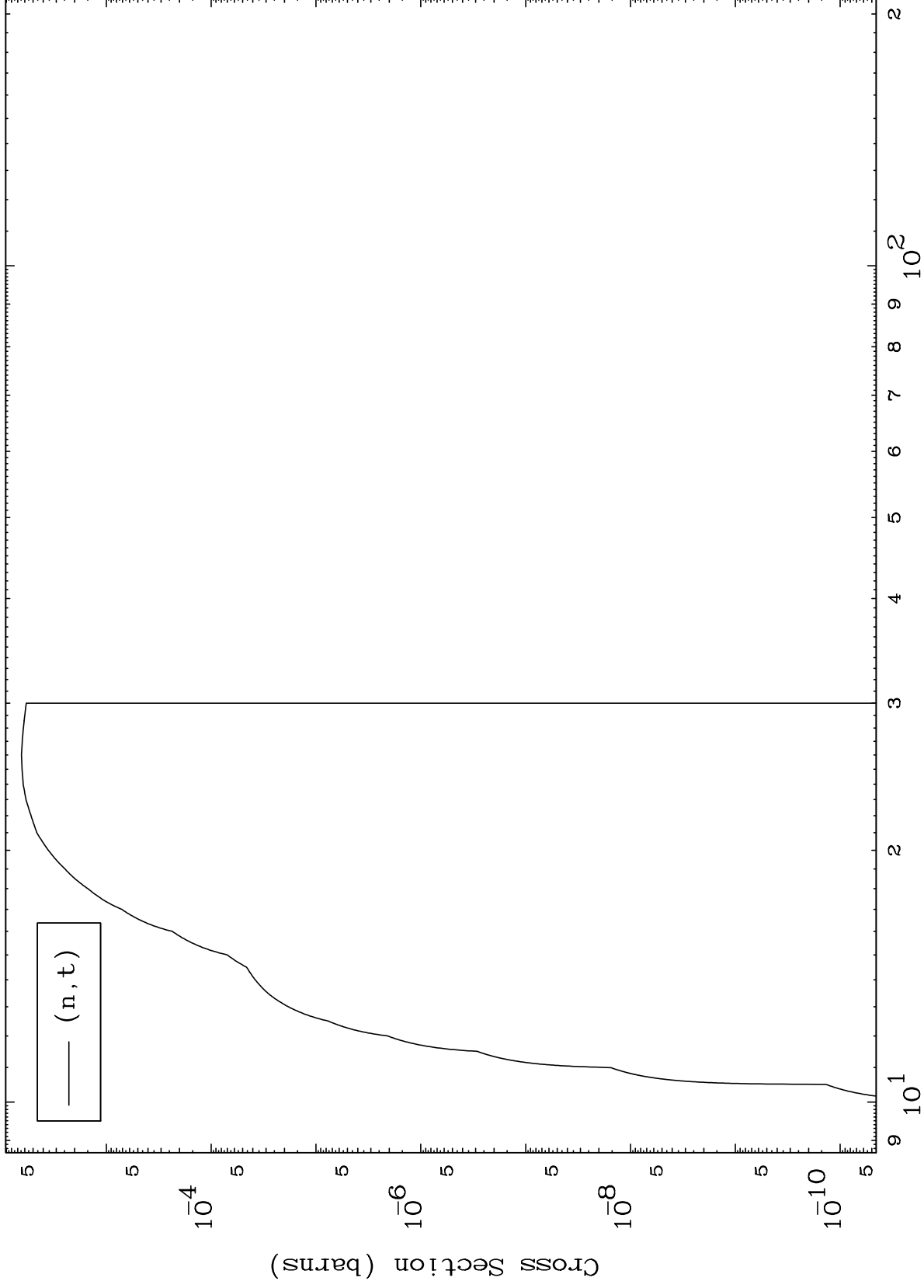
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-57



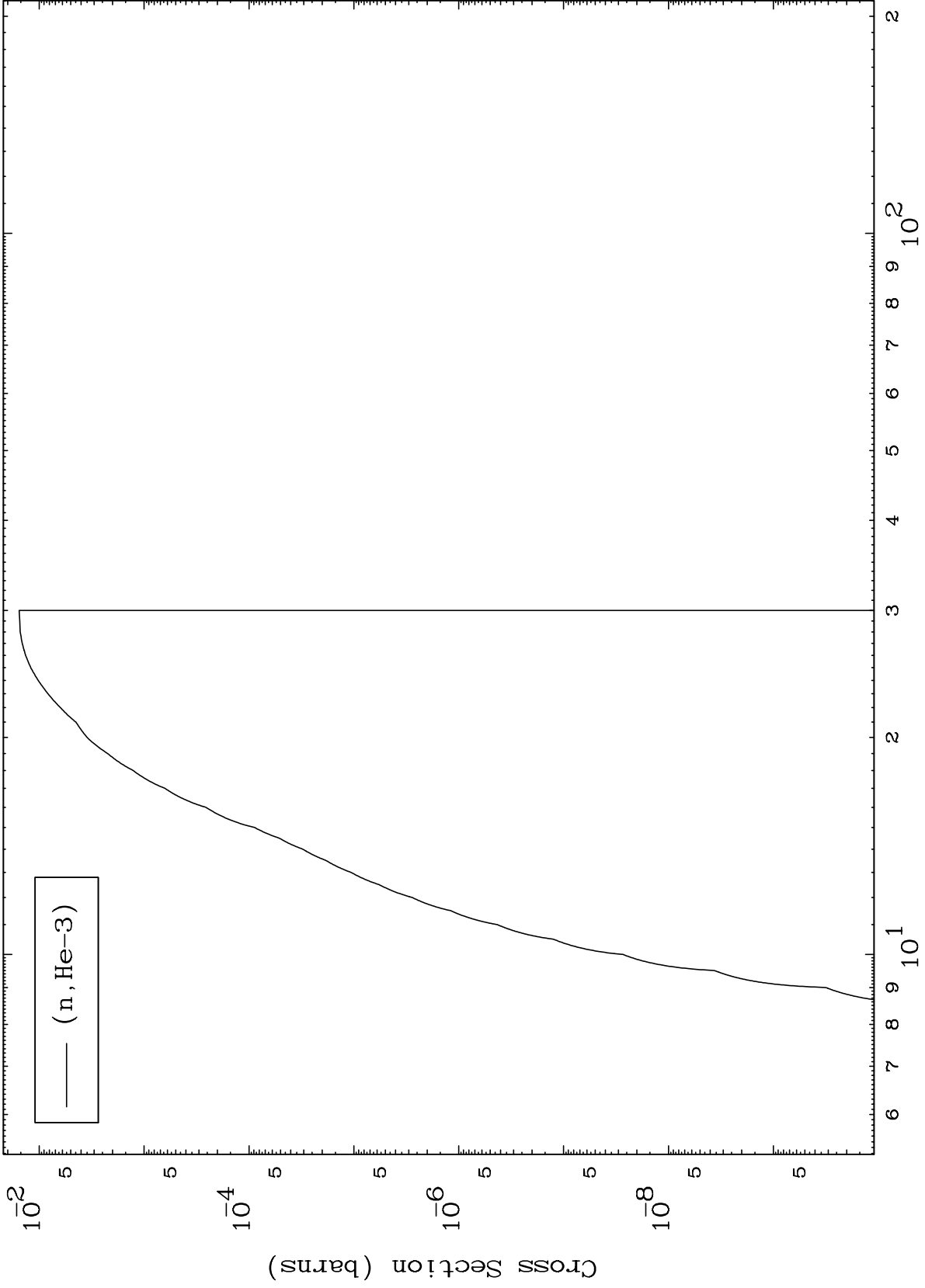
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-57



11

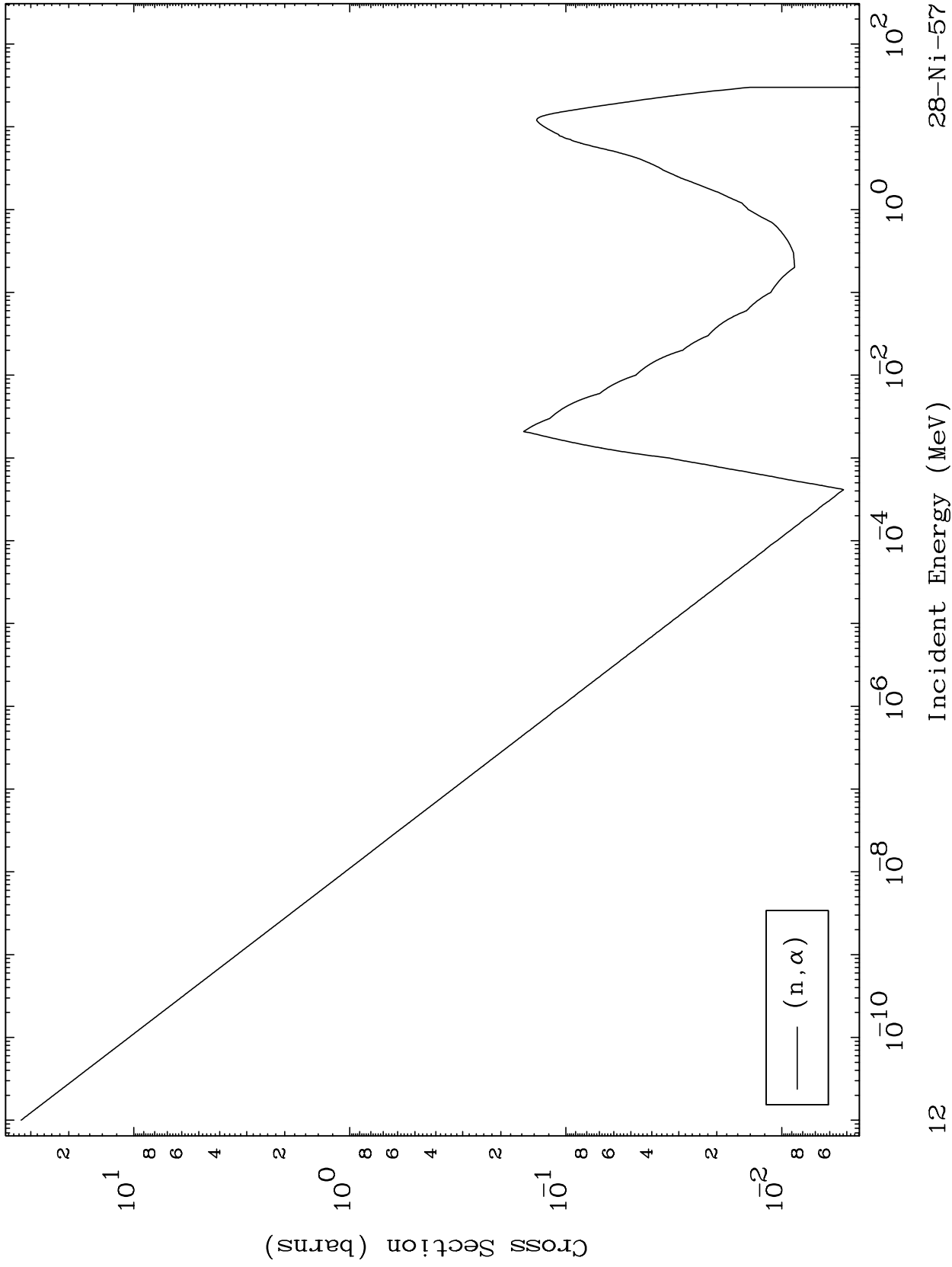
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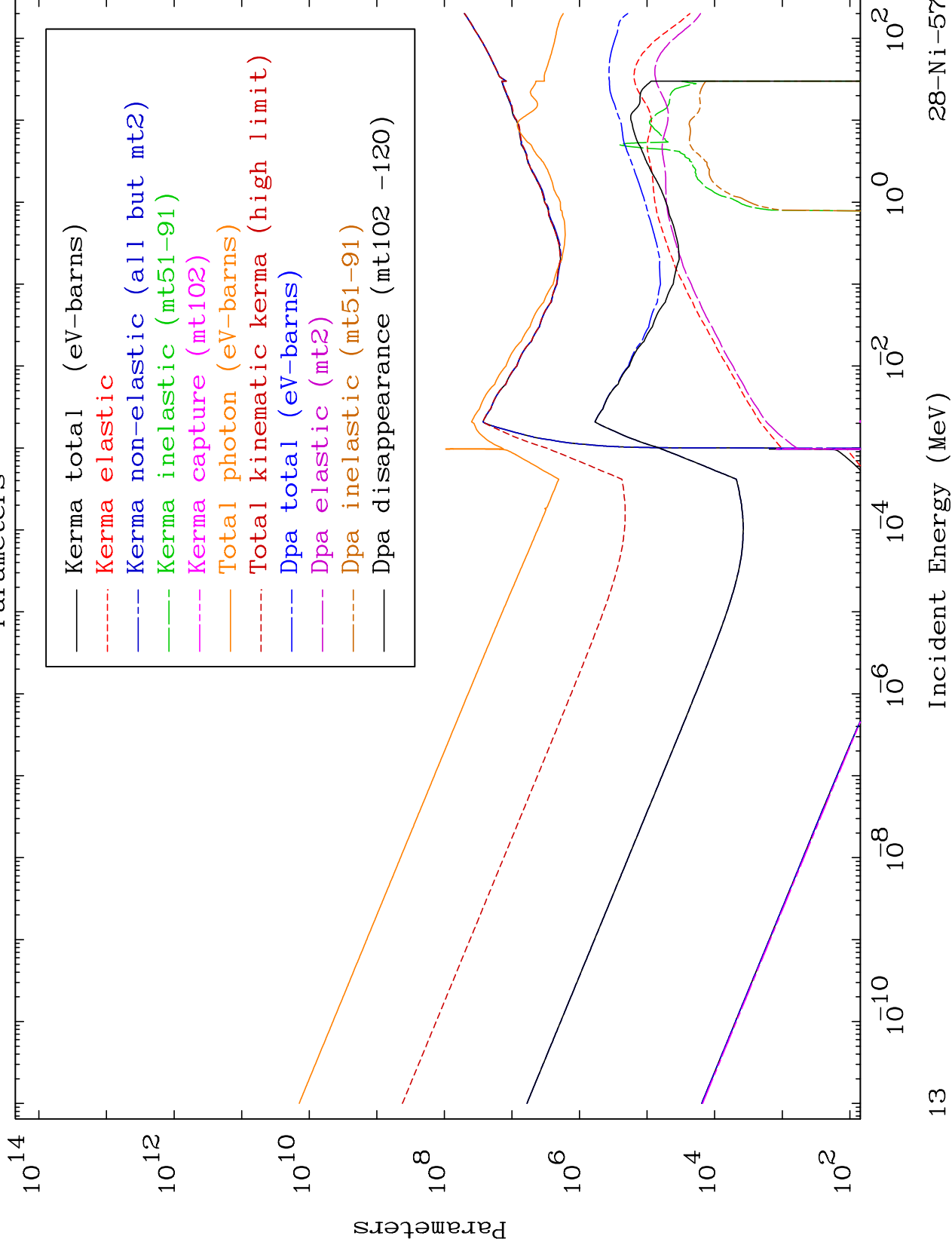
28-Ni-57

MAT 2822

(n,α) Levels  
293 Kelvin Cross Sections

28-Ni-57

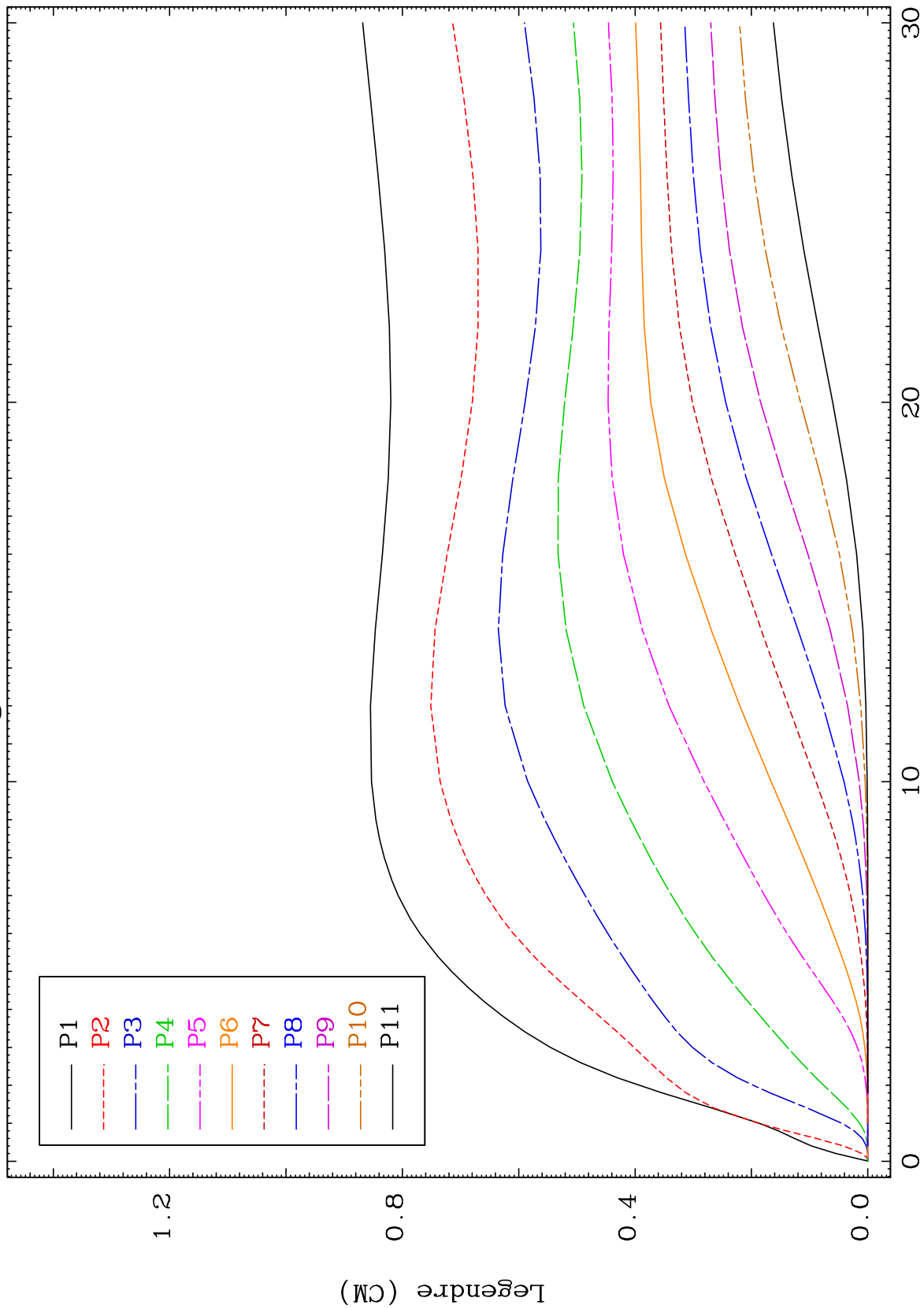




MAT 28222

Elastic Legendre Coefficients

28-Ni-57



14

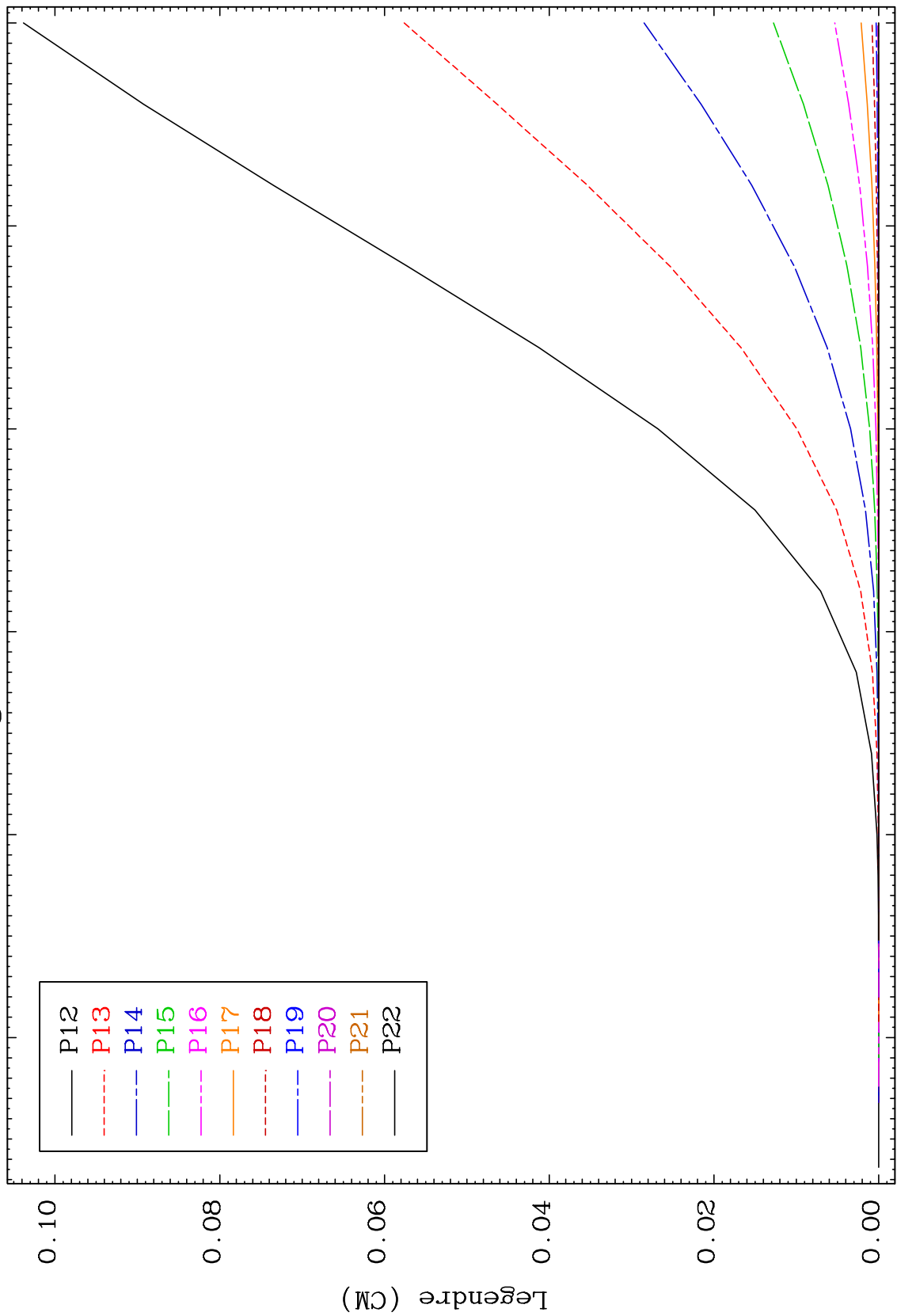
Incident Energy (MeV)

28-Ni-57

MAT 2822

Elastic  
Legendre Coefficients

28-Ni-57



15

Incident Energy (MeV)

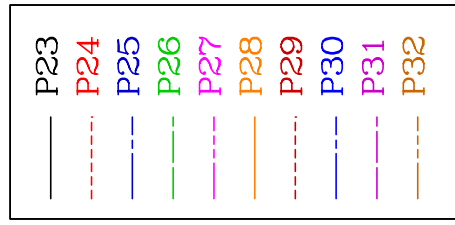
28-Ni-57



MAT 28222

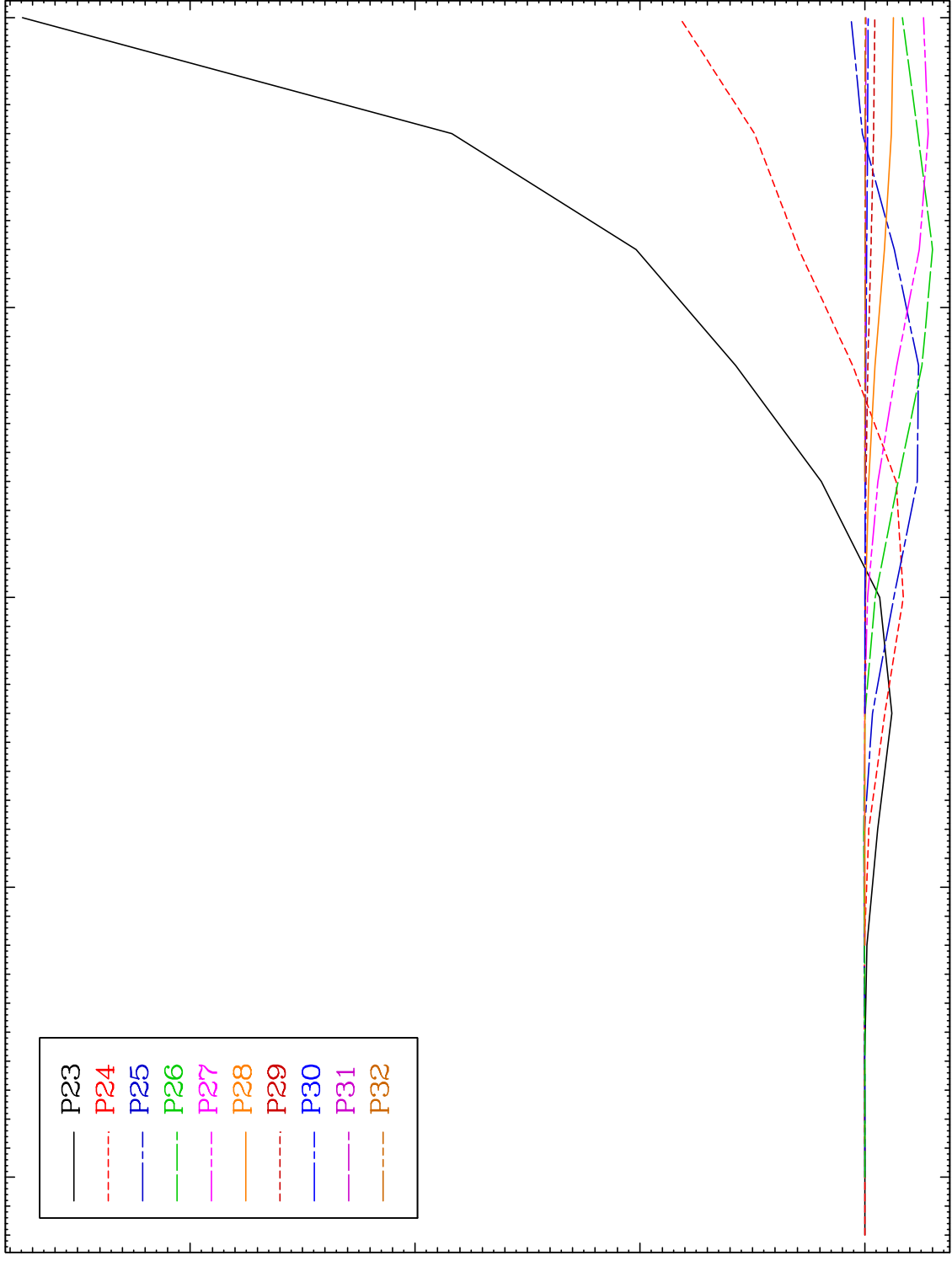
Elastic  
Legendre Coefficients

<sup>28</sup>Ni-57



$\times 10^{-6}$

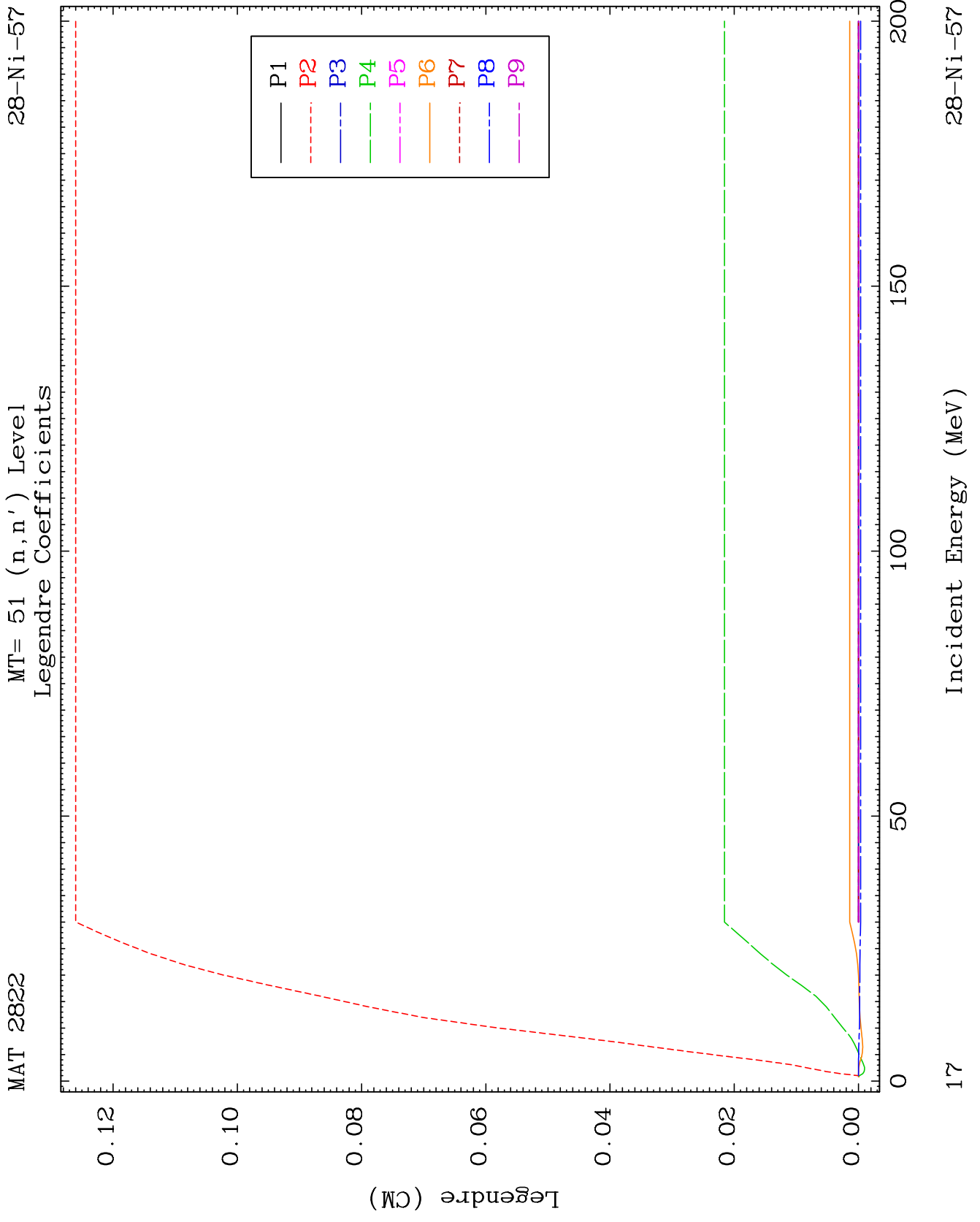
Legendre (CM)



16

Incident Energy (MeV)

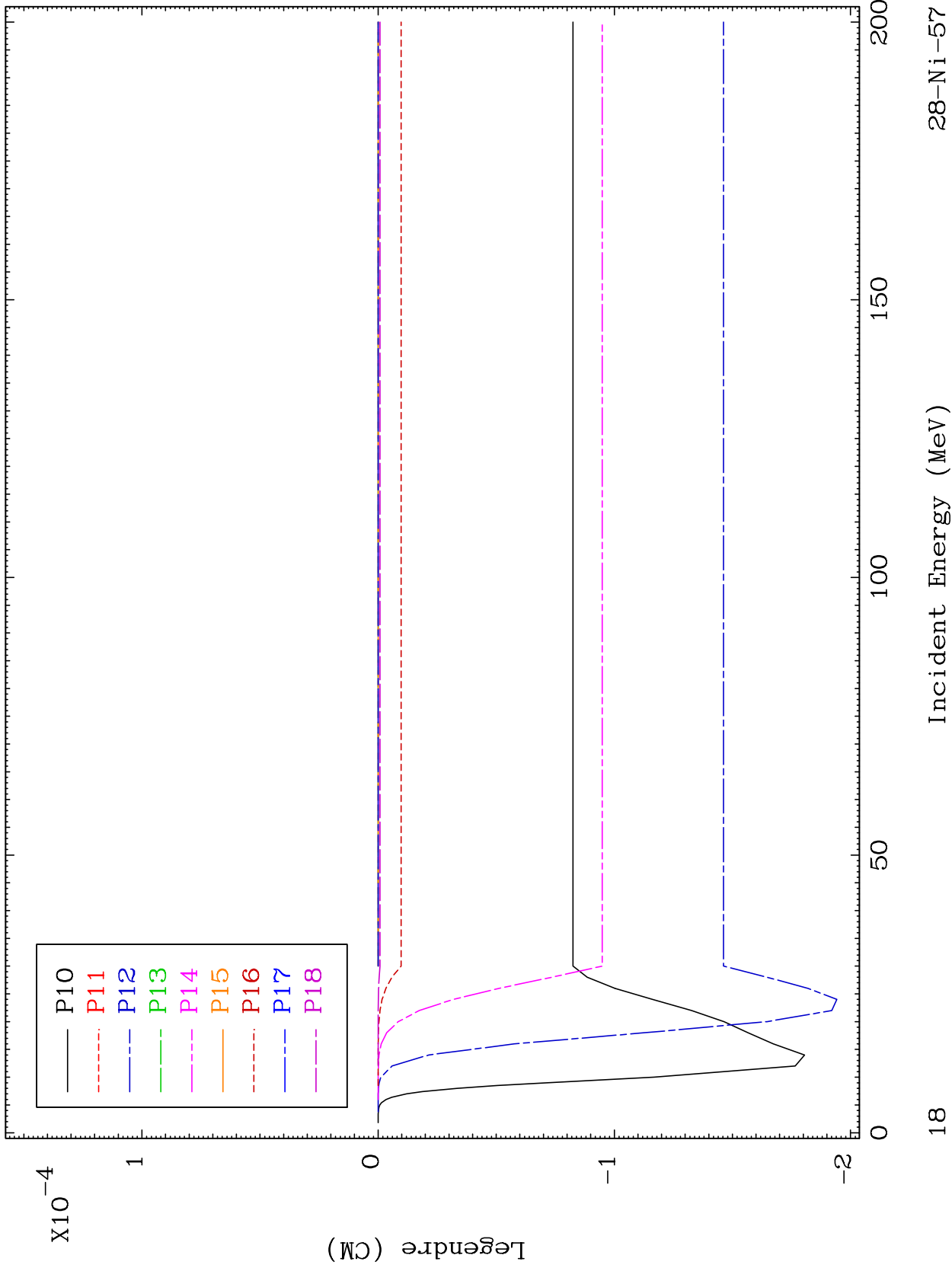
<sup>28</sup>Ni-57



MAT 28222

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

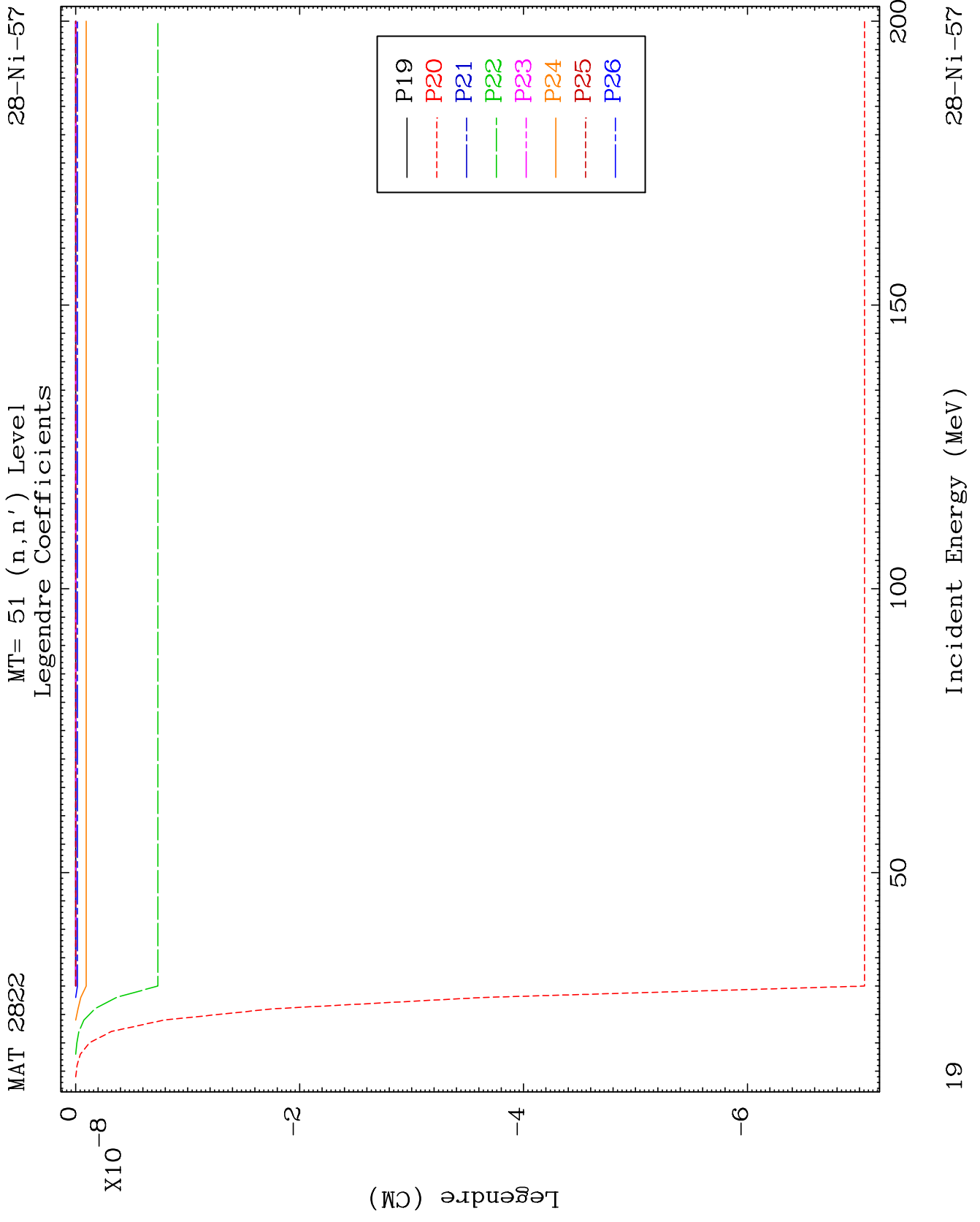
28-Ni-57



18

Incident Energy (MeV)

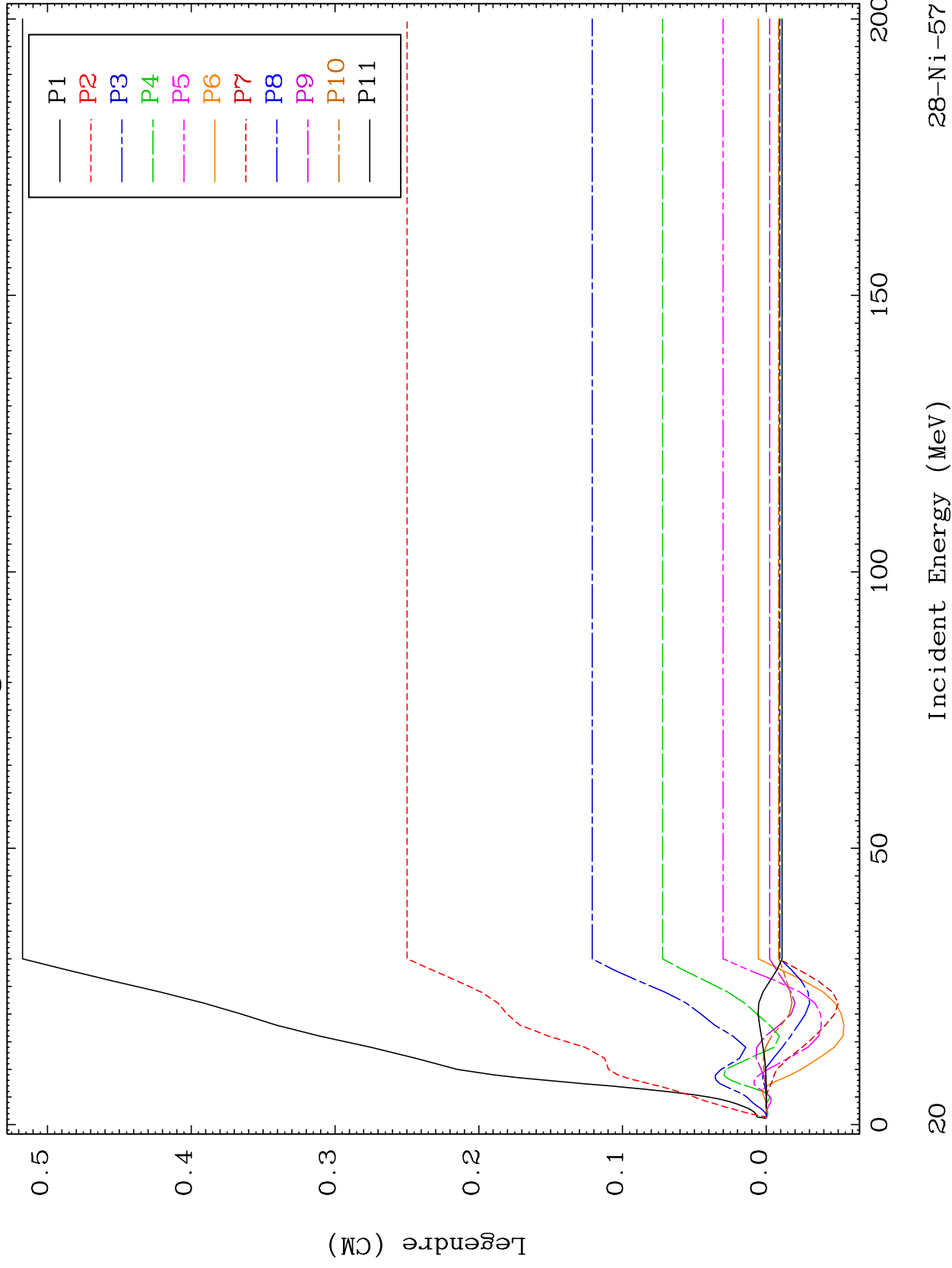
28-Ni-57

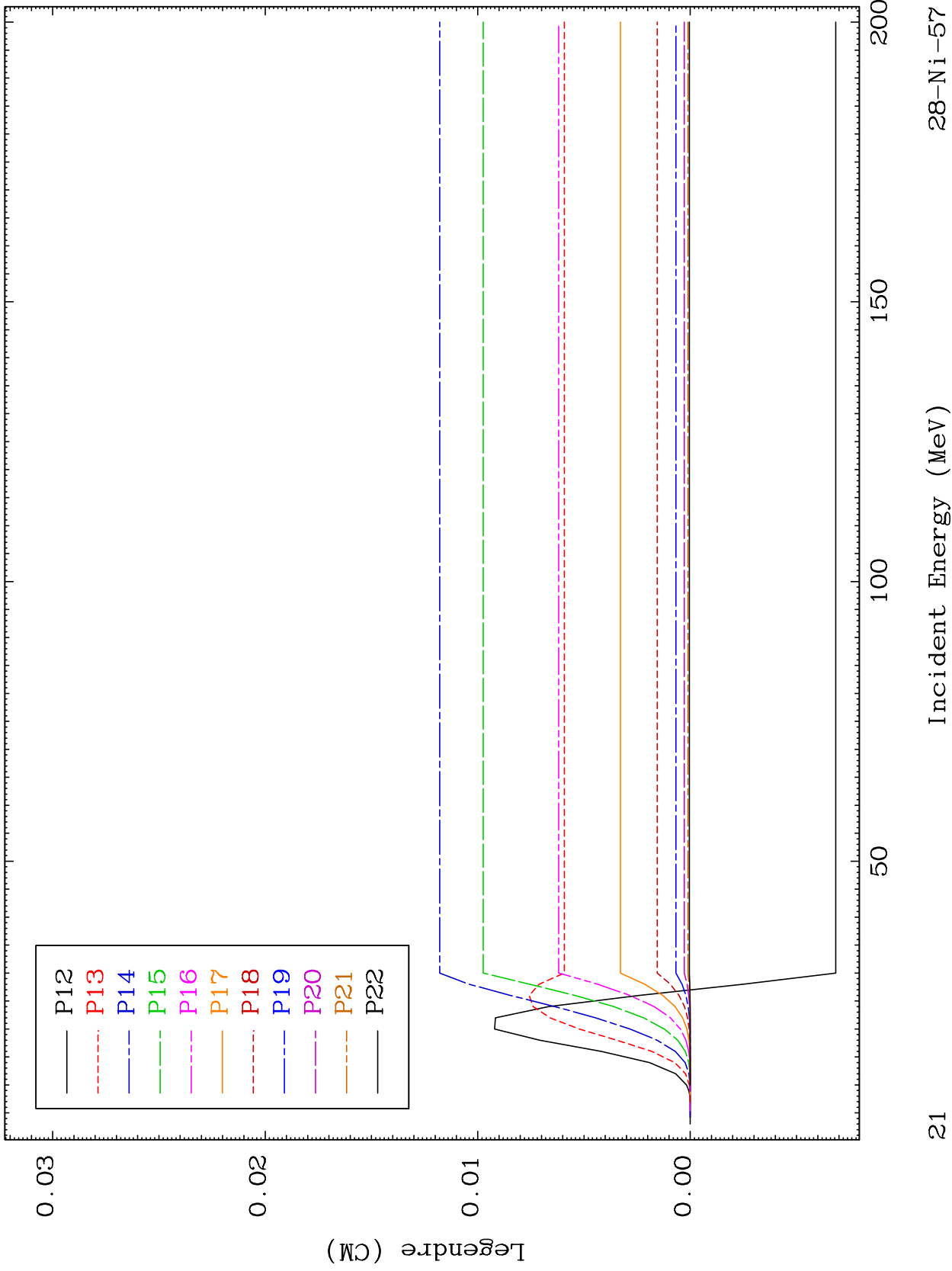


MAT 2822

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

28-Ni-57

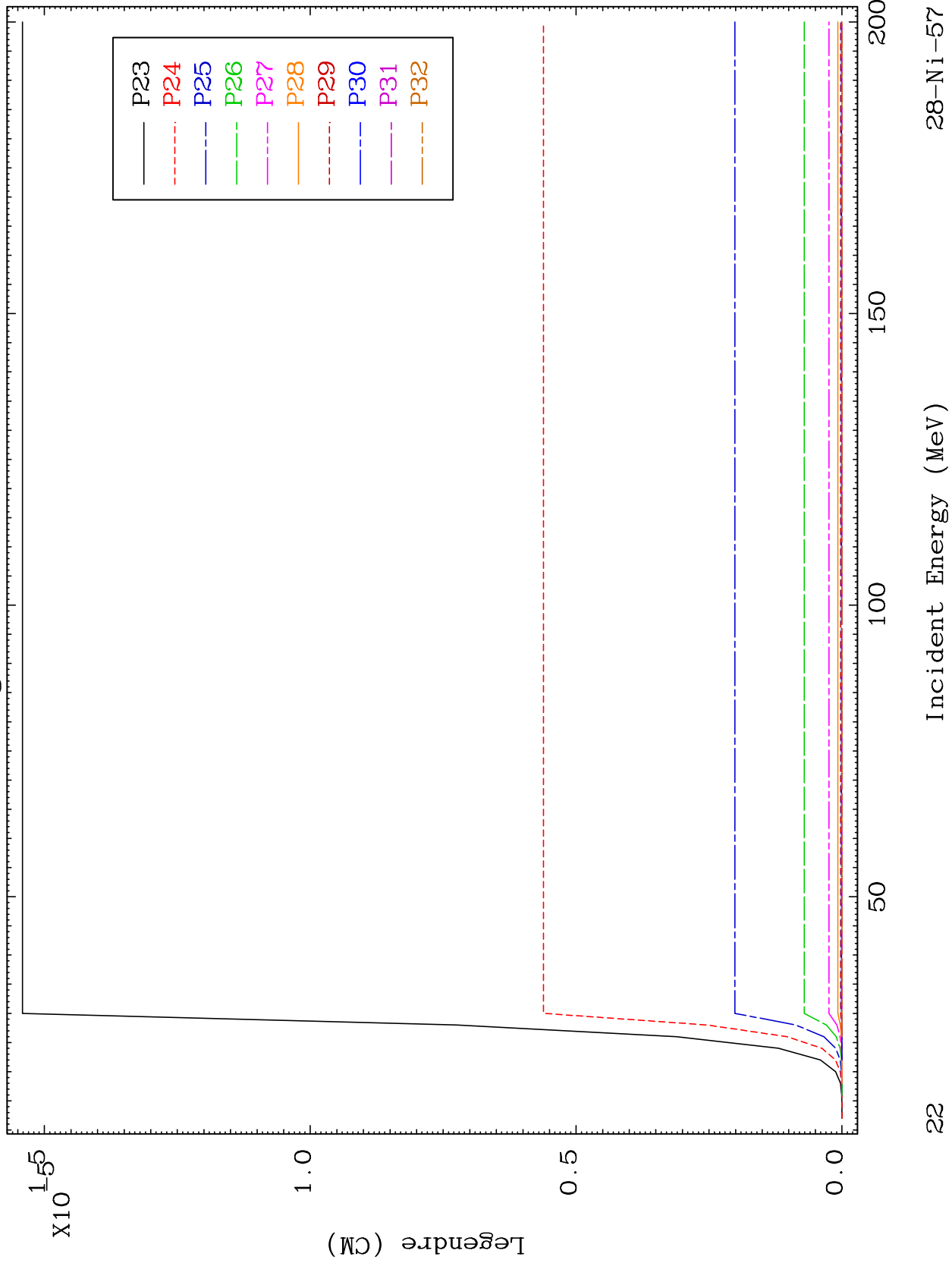




MAT 2822

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

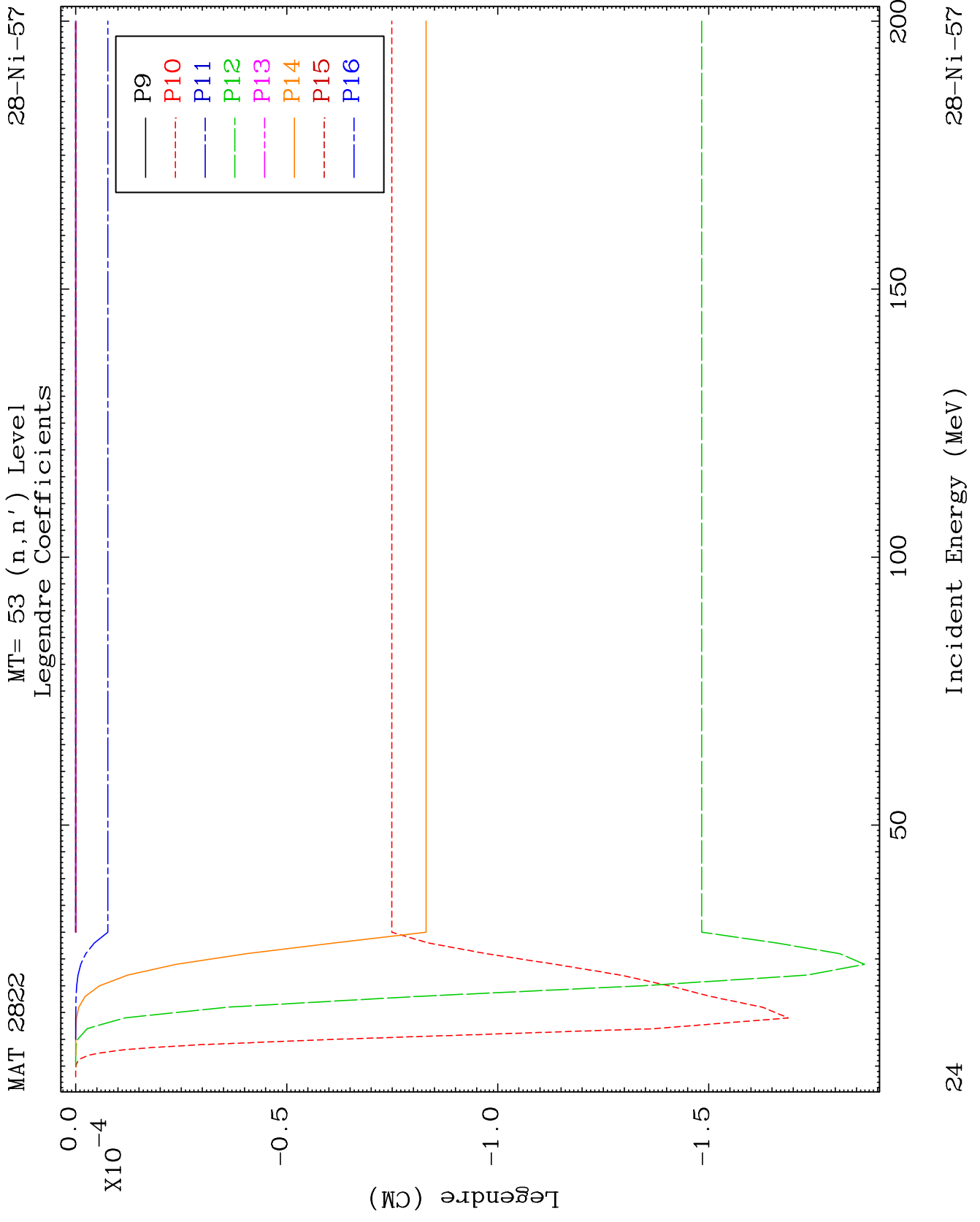
28-Ni-57

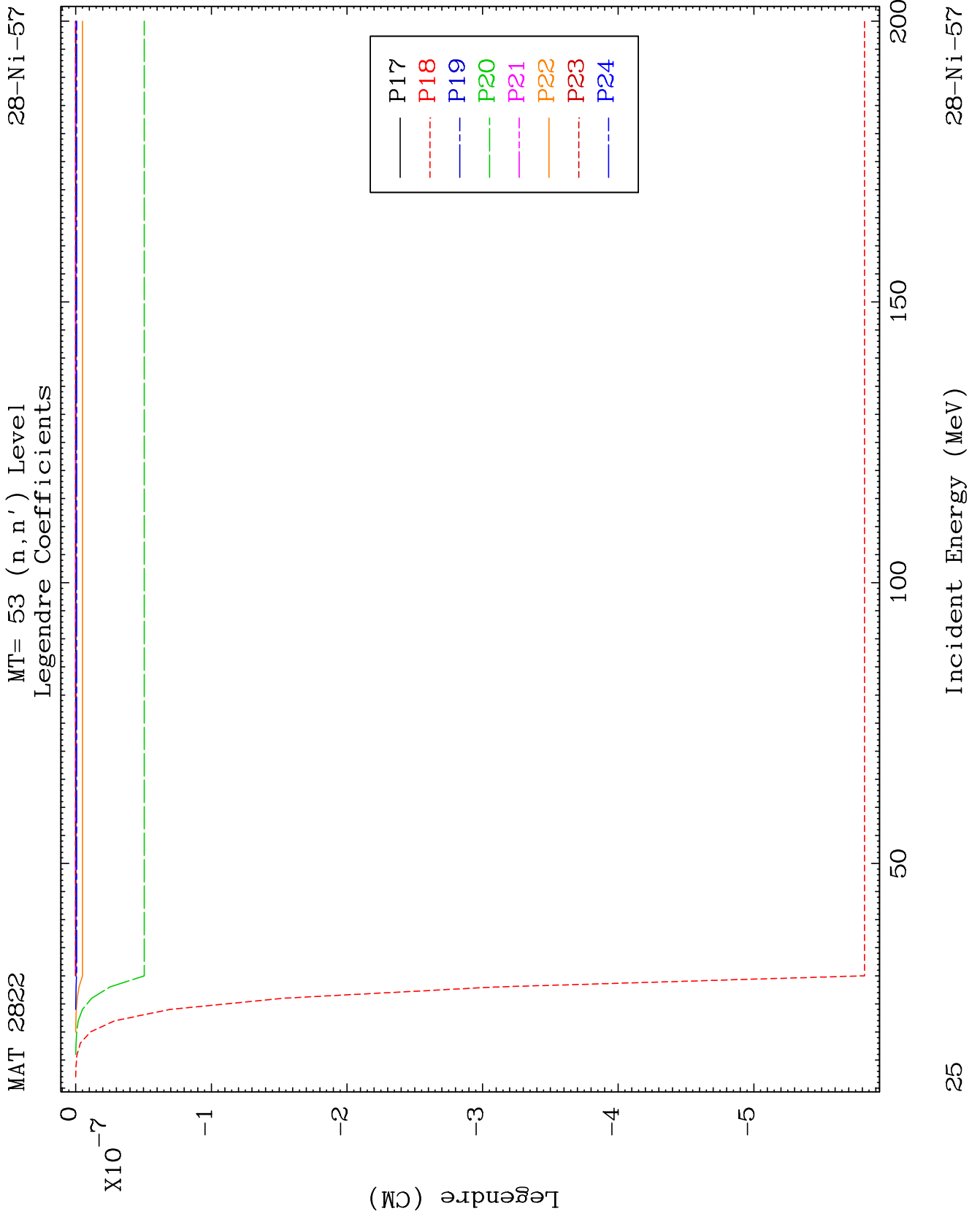


22







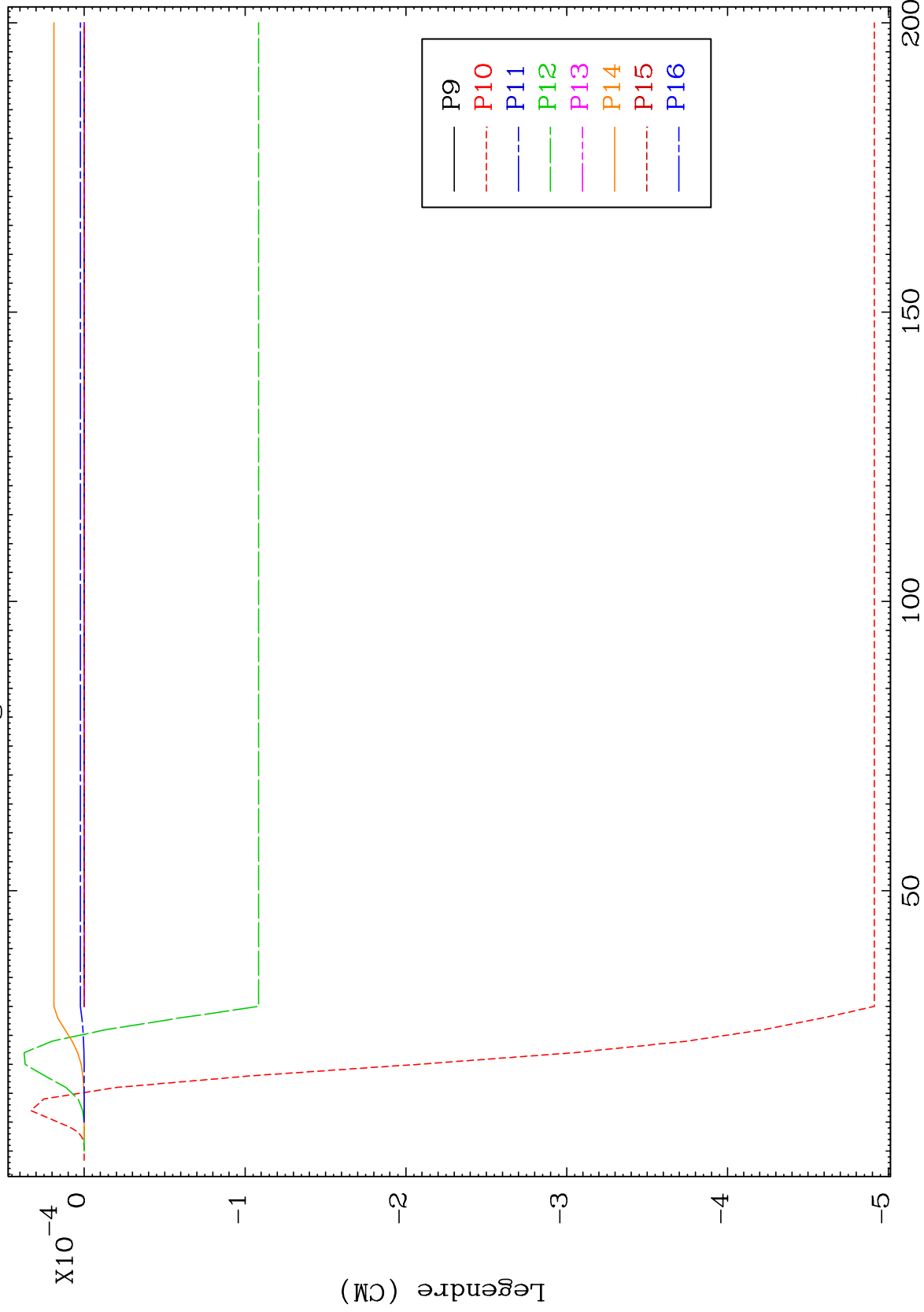




MAT 2822

28-Ni-57

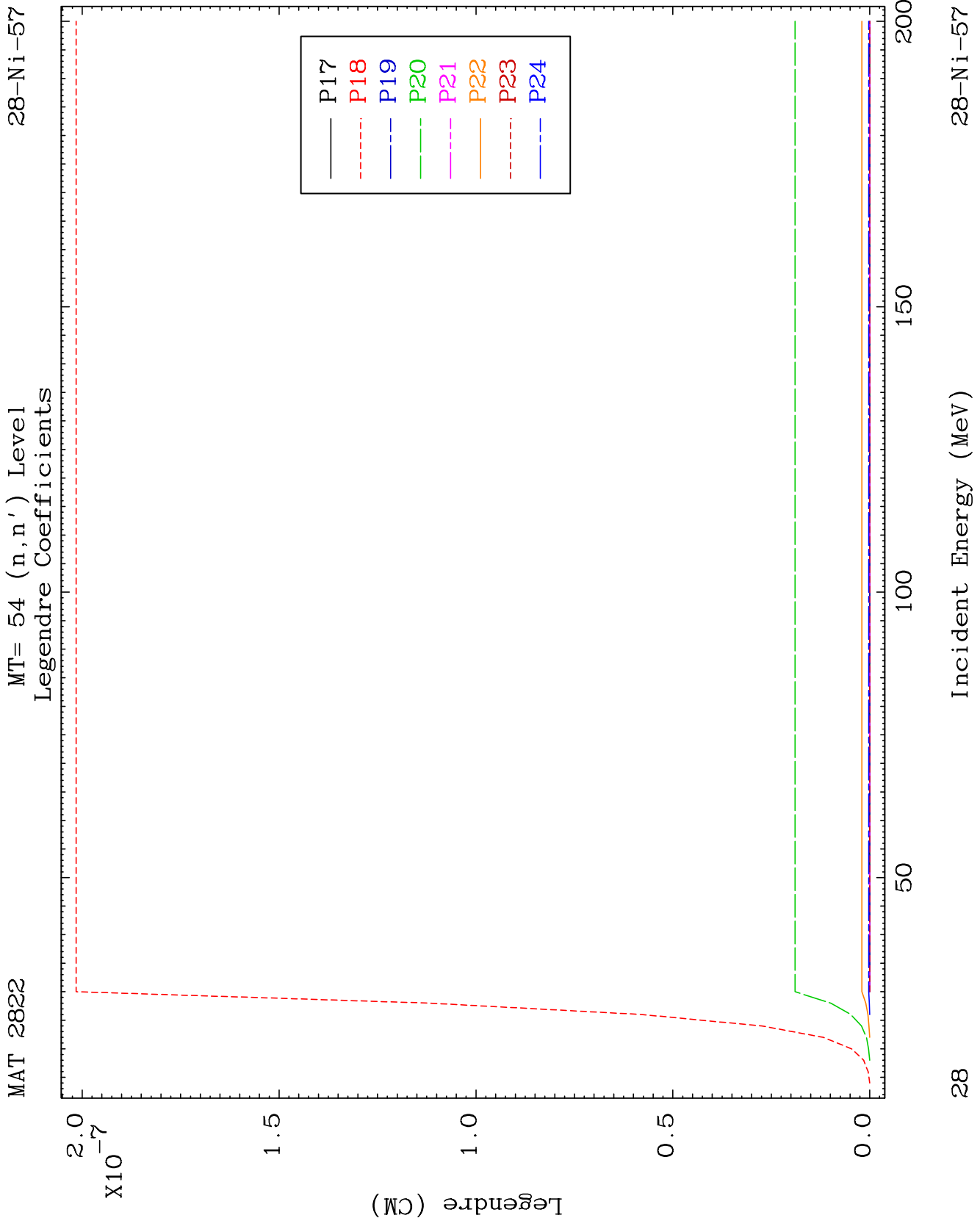
MT= 54 (n,n') Level  
Legendre Coefficients



27

Incident Energy (MeV)

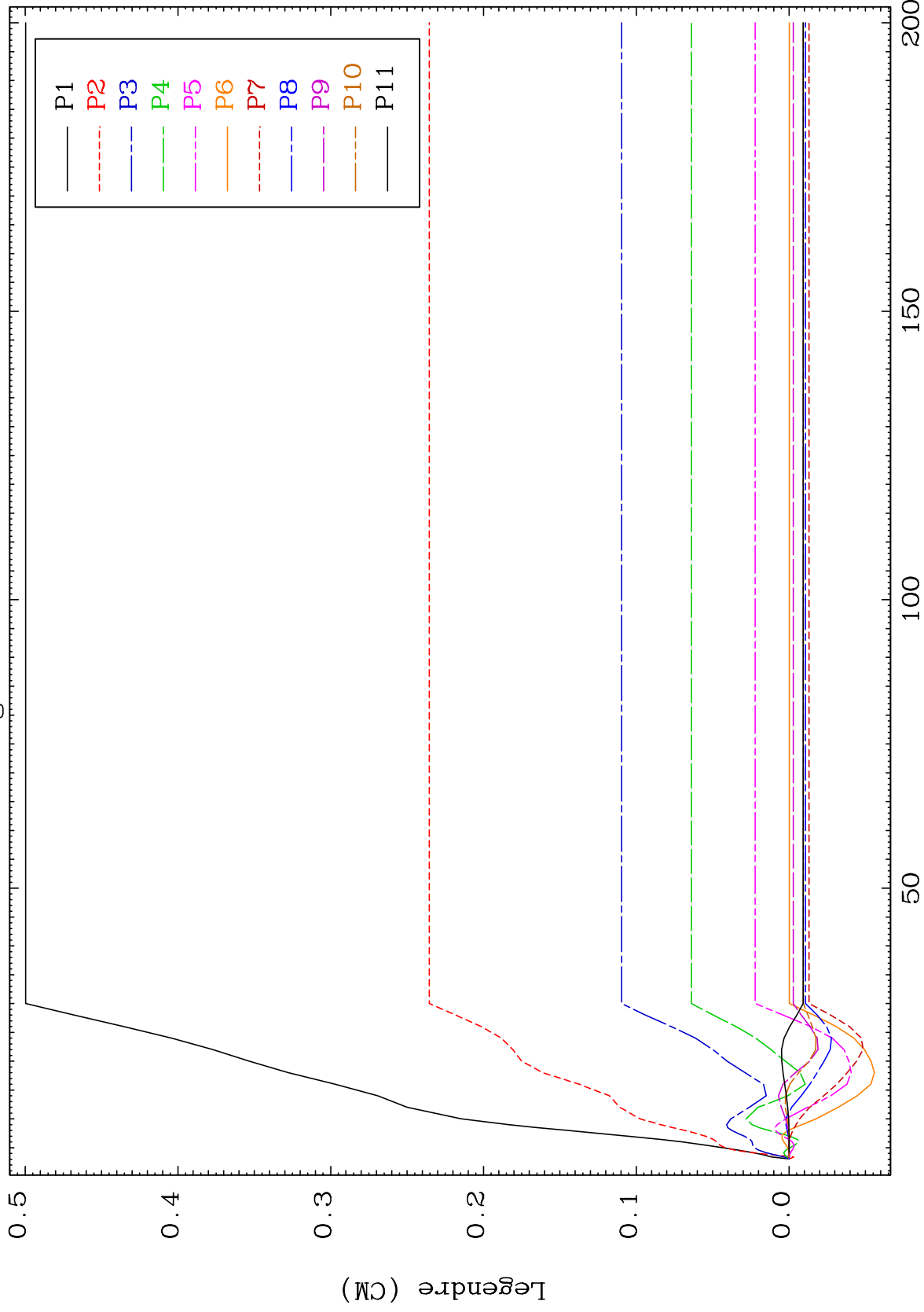
28-Ni-57



MAT 2822

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

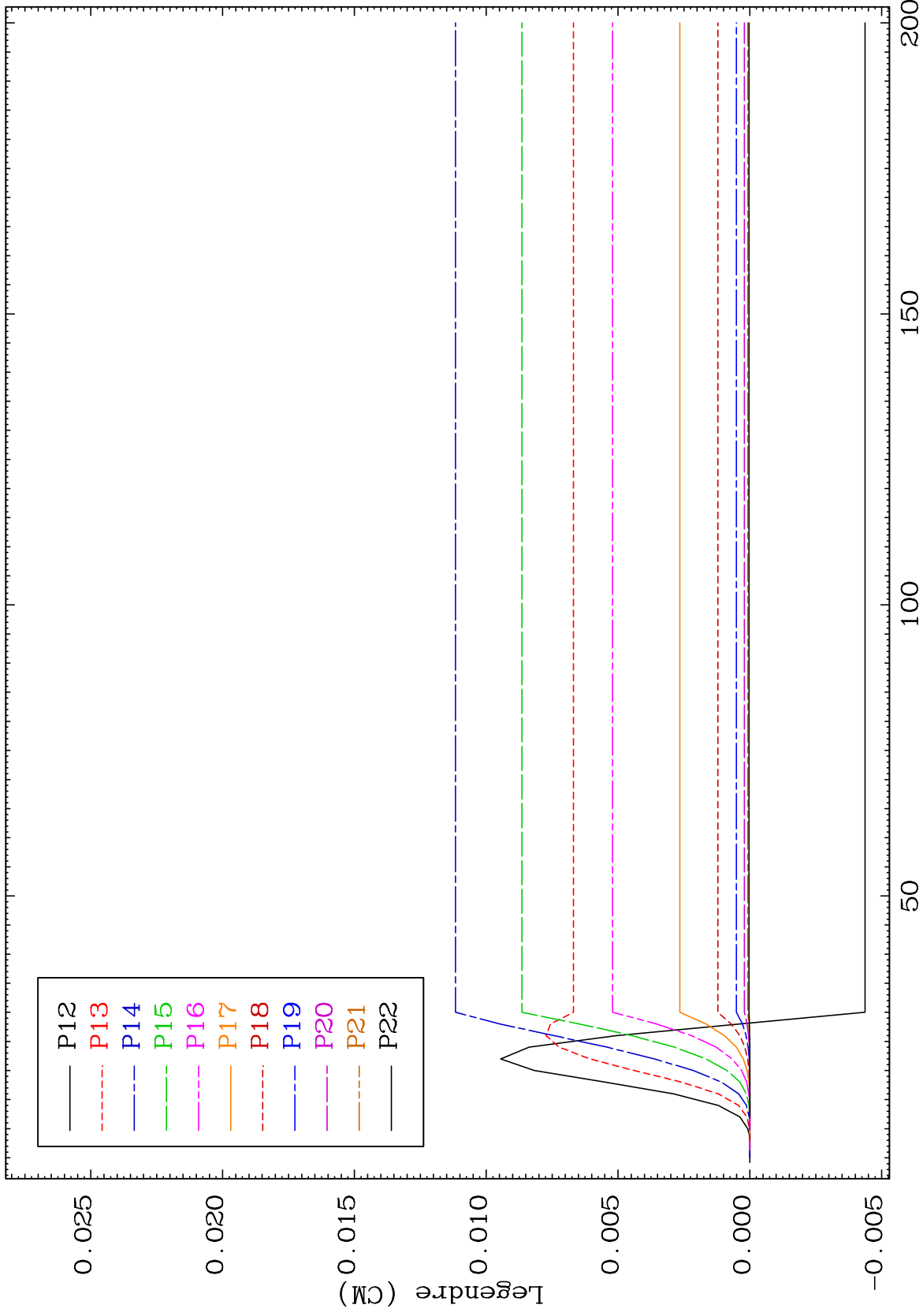
28-Ni-57



29

Incident Energy (MeV)

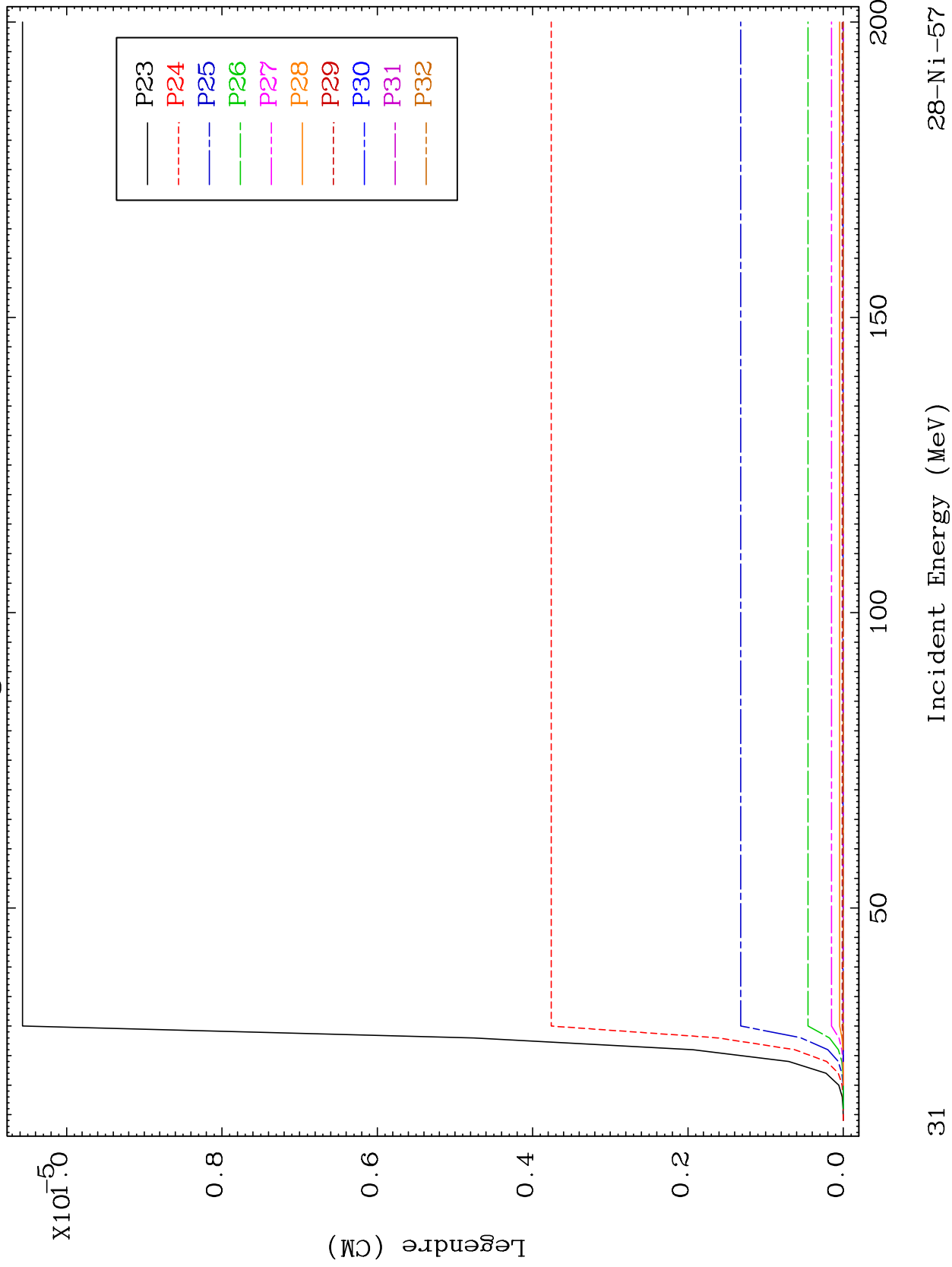
28-Ni-57



MAT 2822

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

28-Ni-57



31

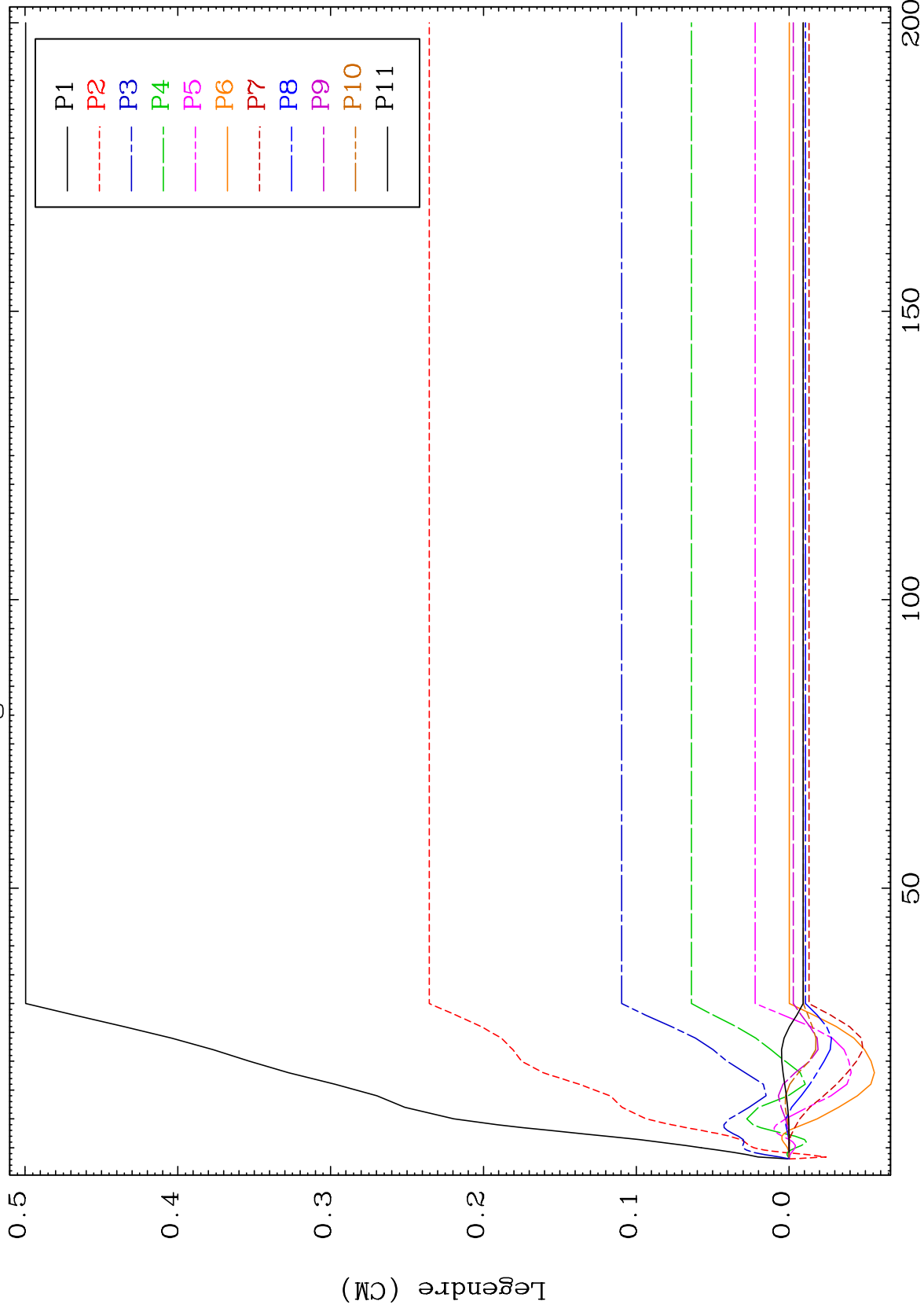
28-Ni-57



MAT 2822

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

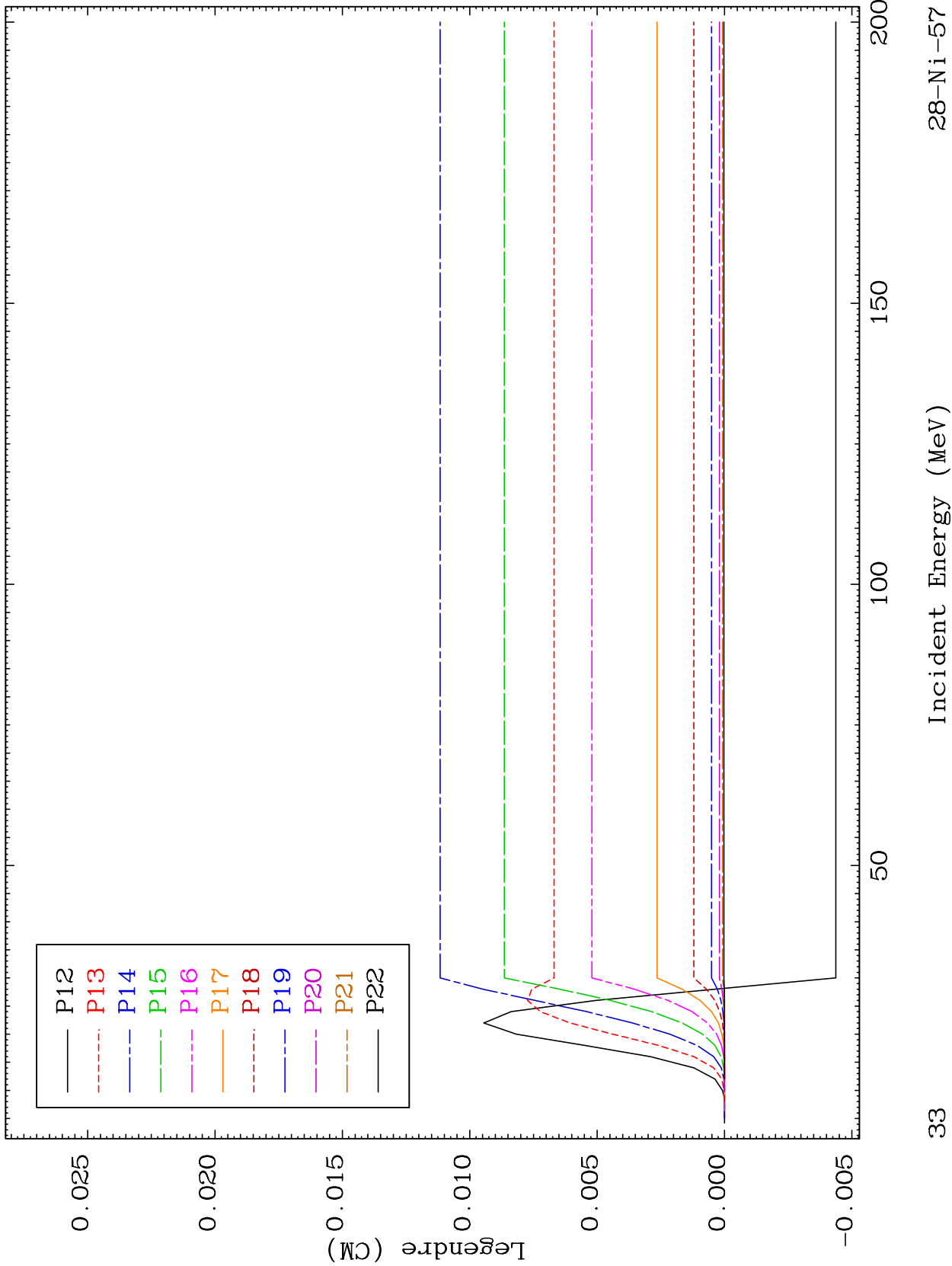
28-Ni-57



32

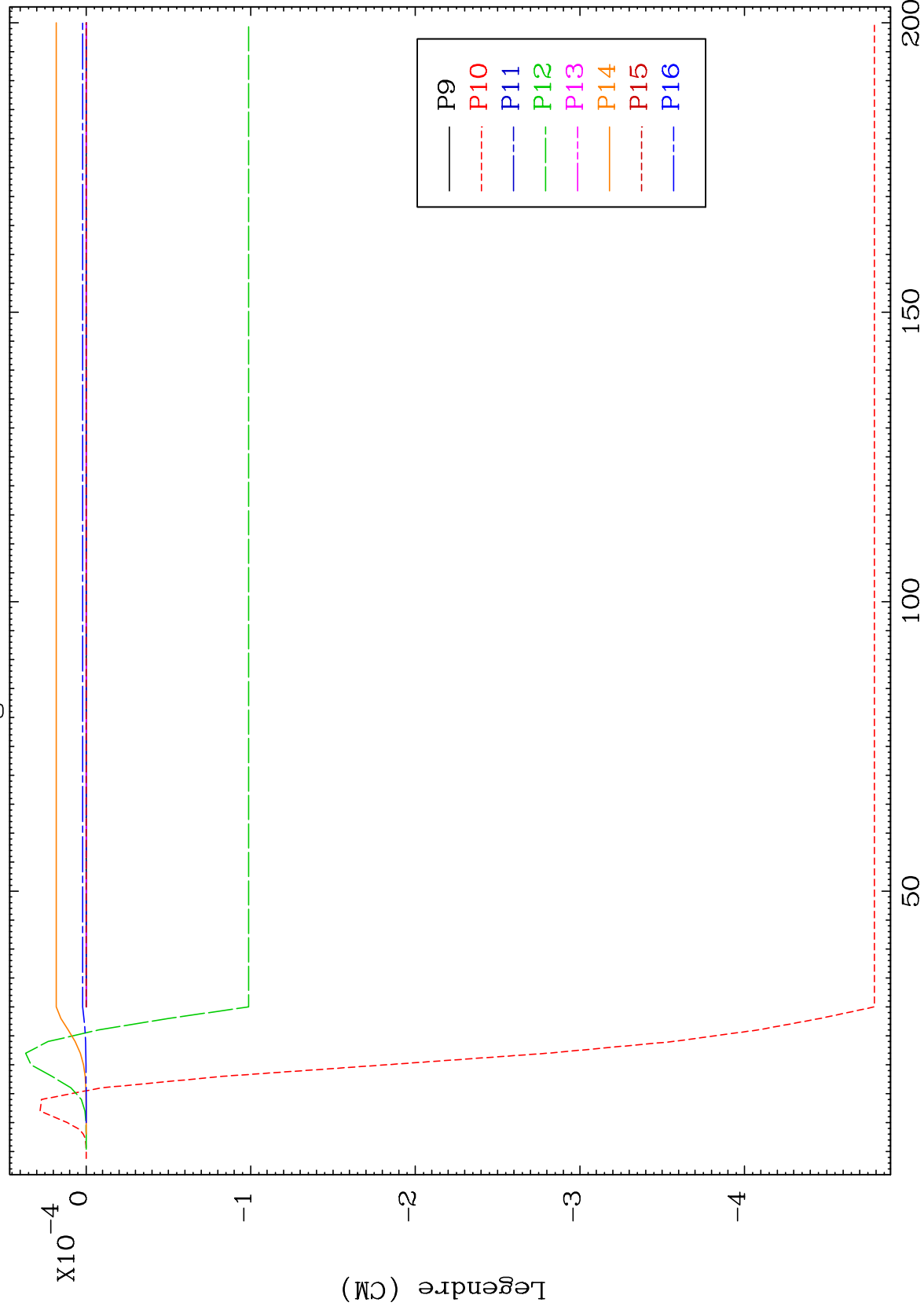
Incident Energy (MeV)

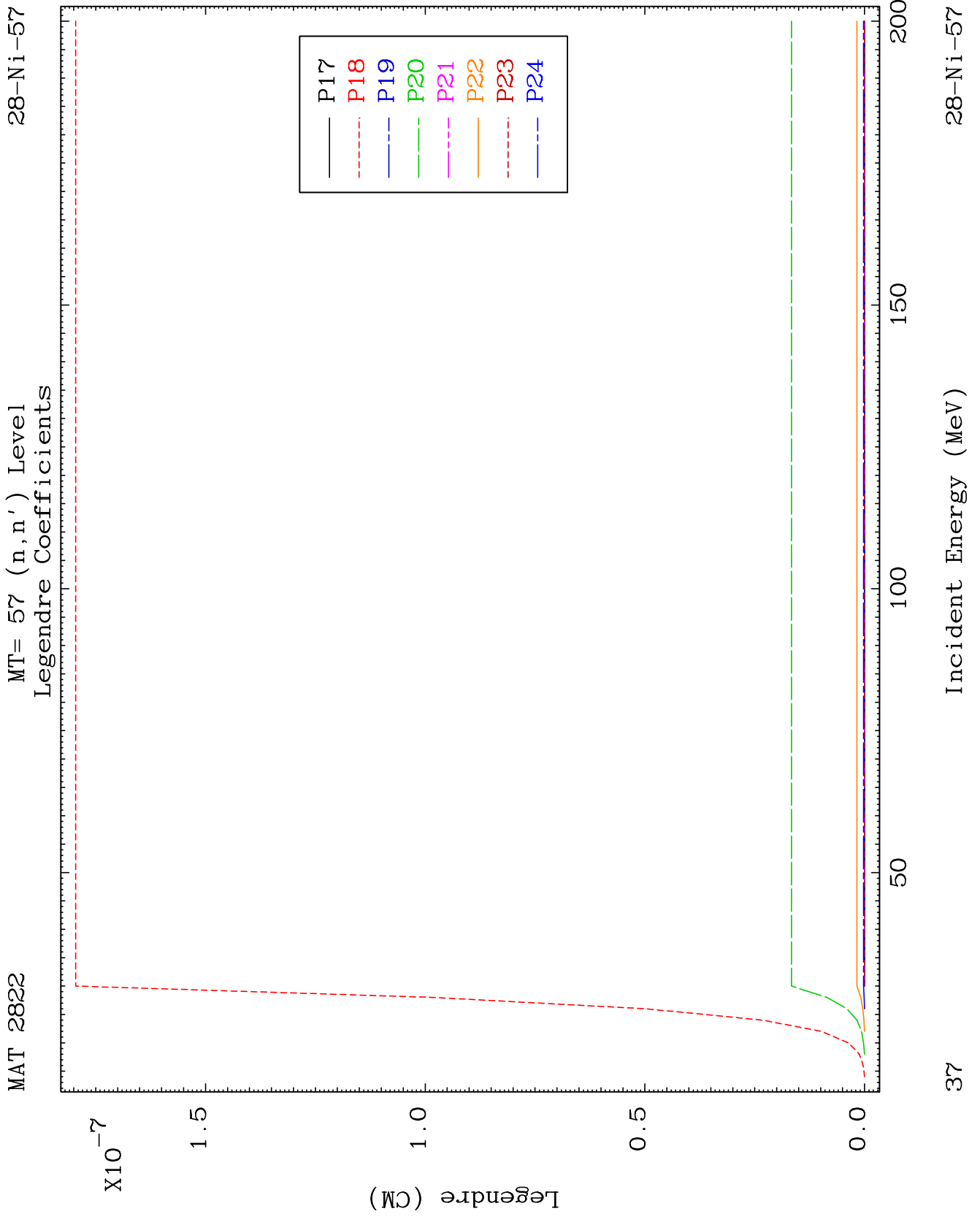
28-Ni-57

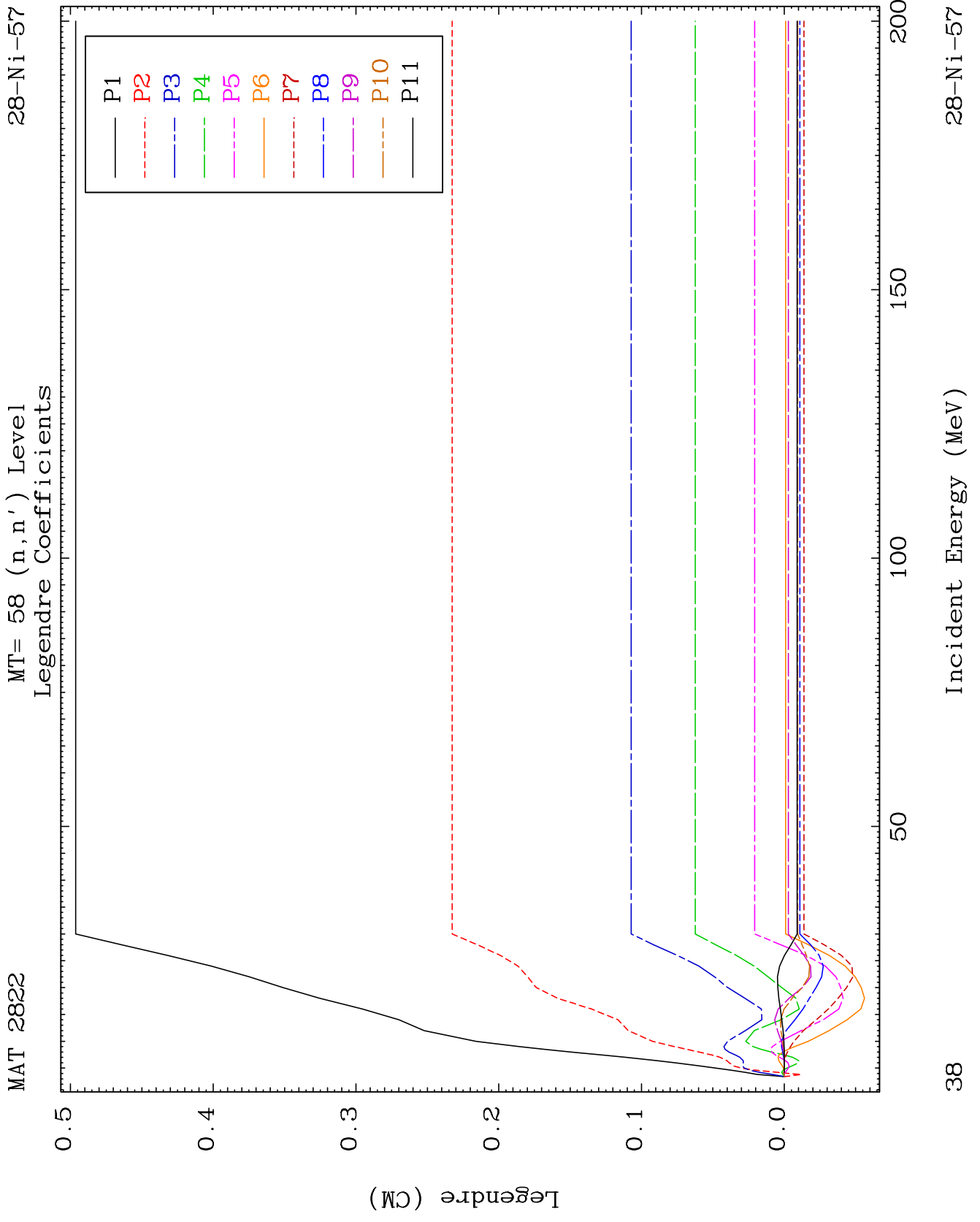


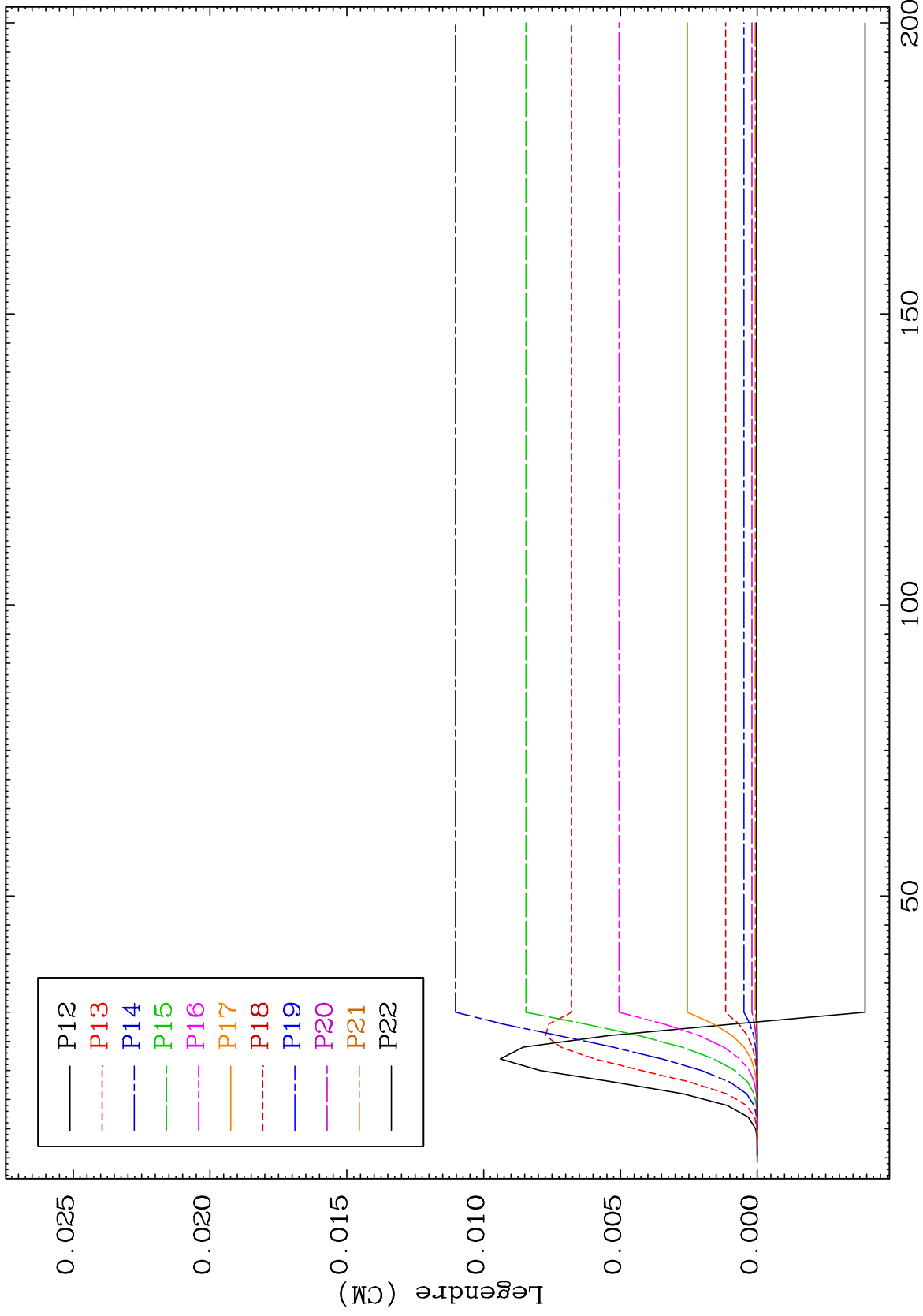










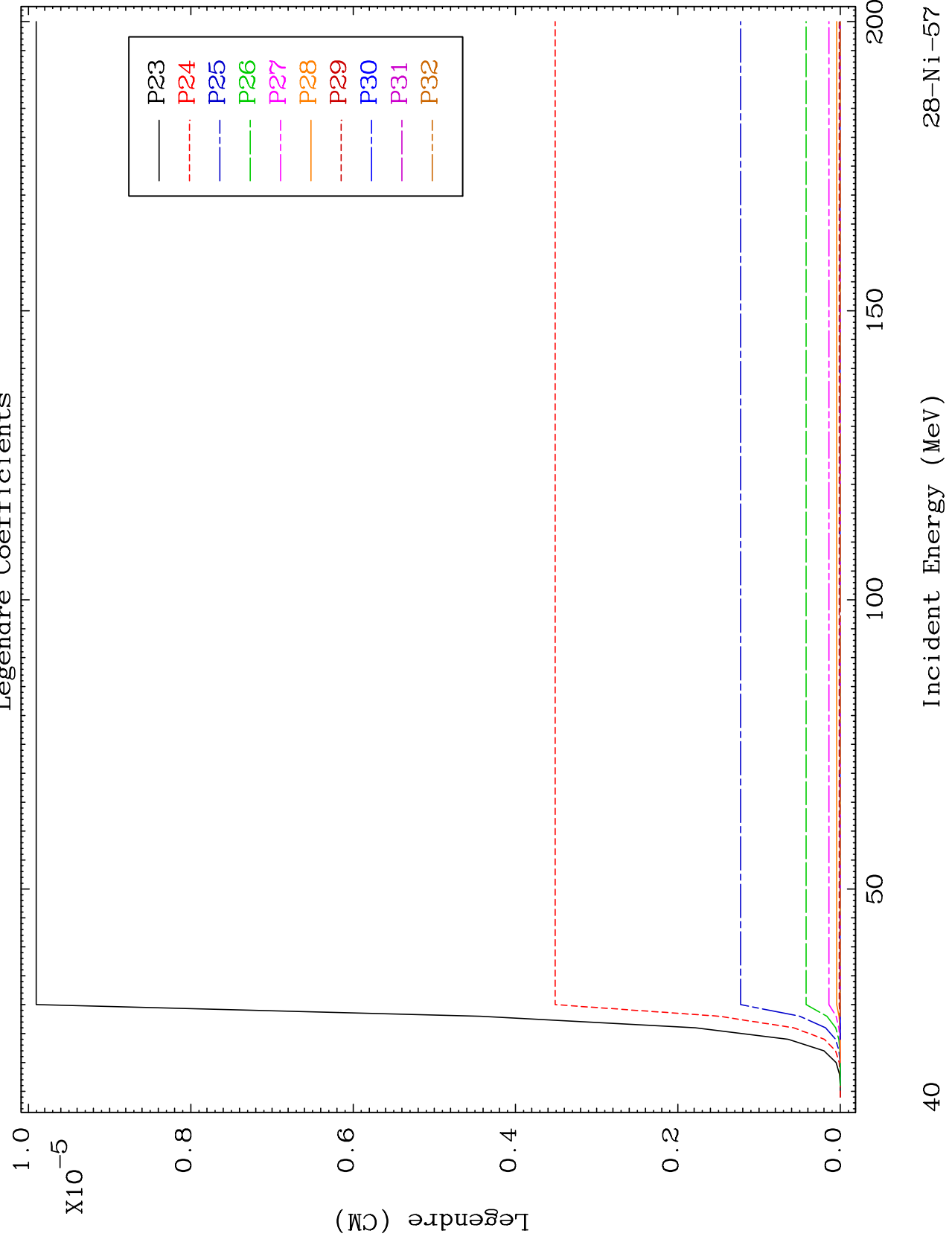


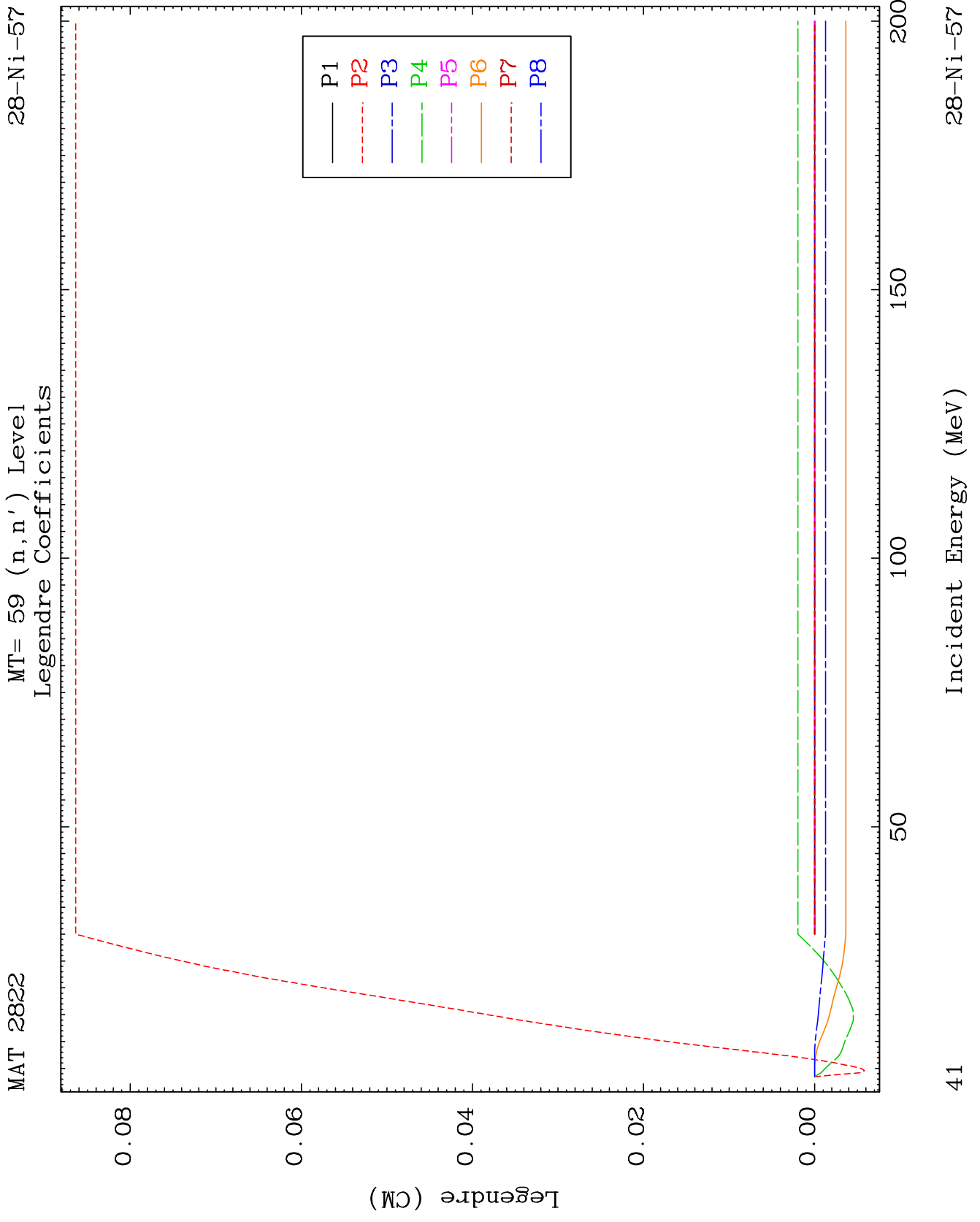


MAT 2822

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

28-Ni-57

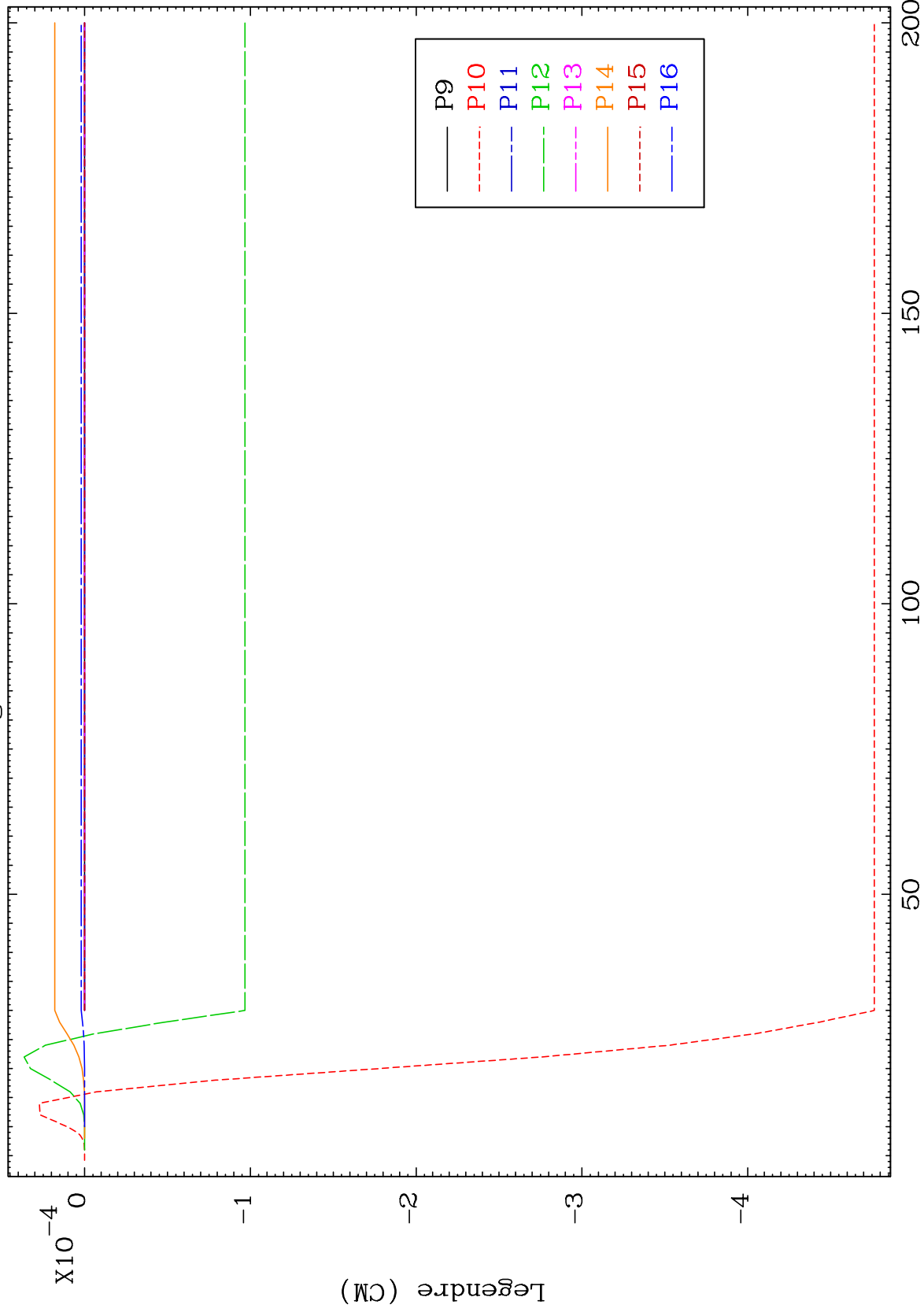




MAT 2822

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

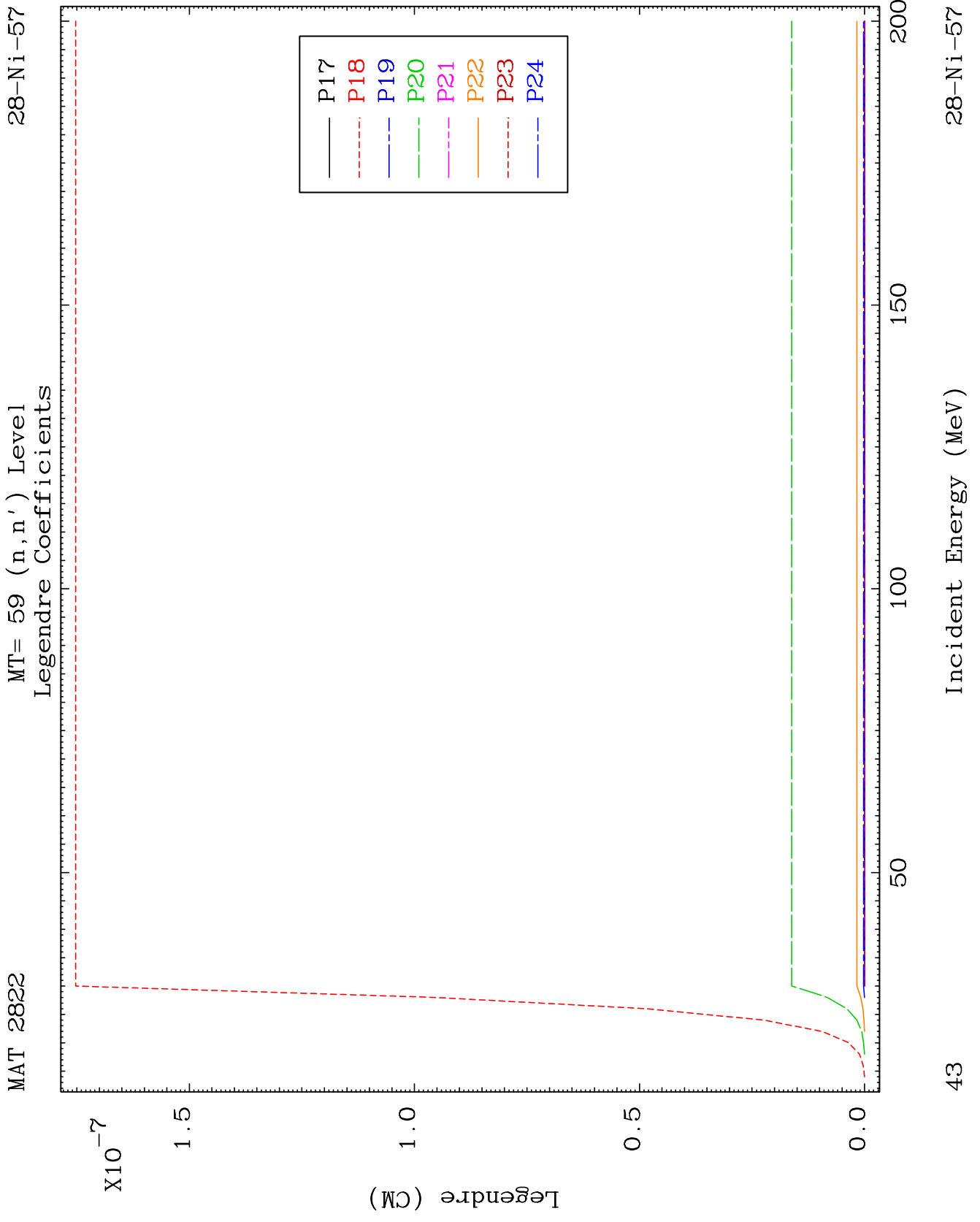
28-Ni-57



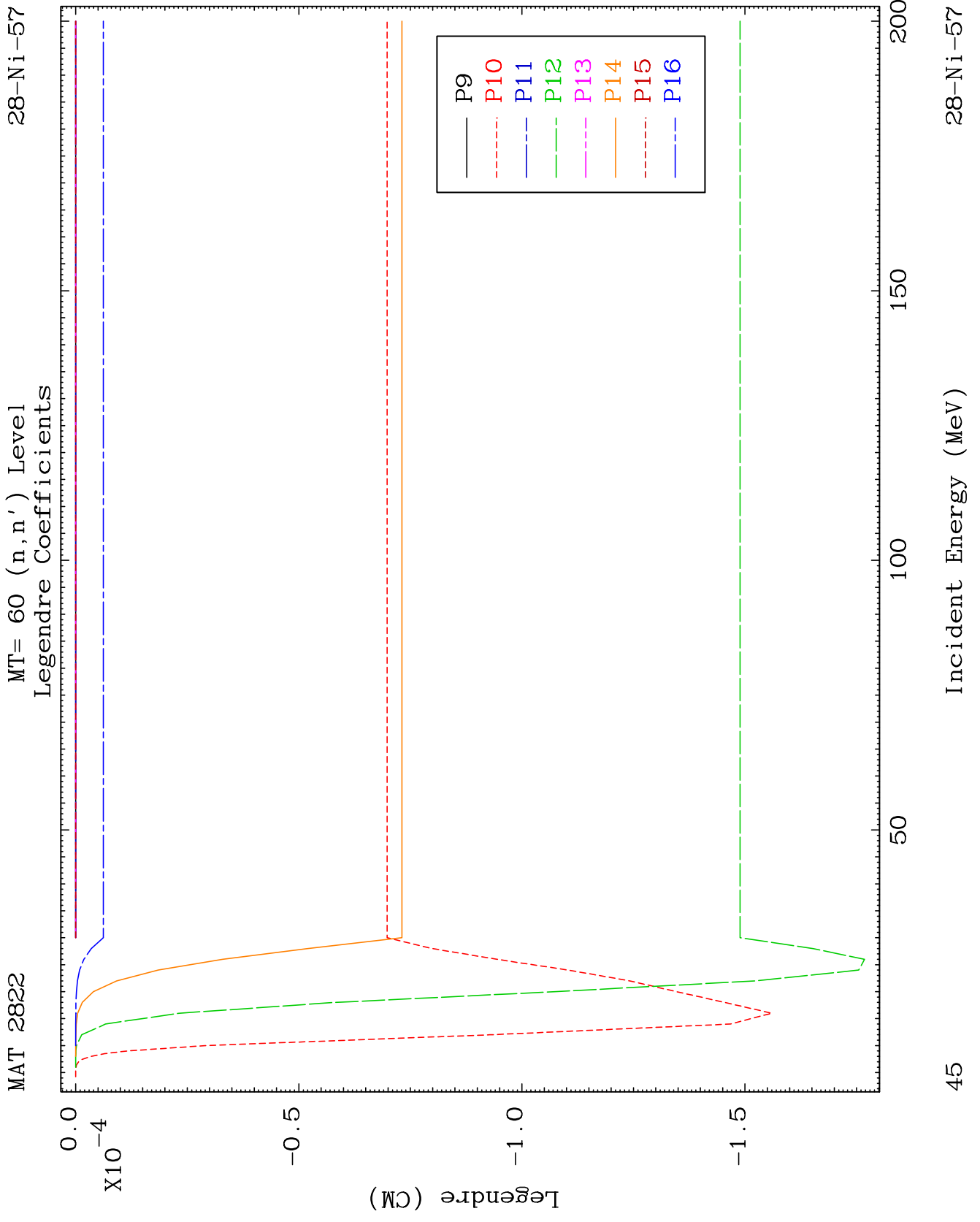
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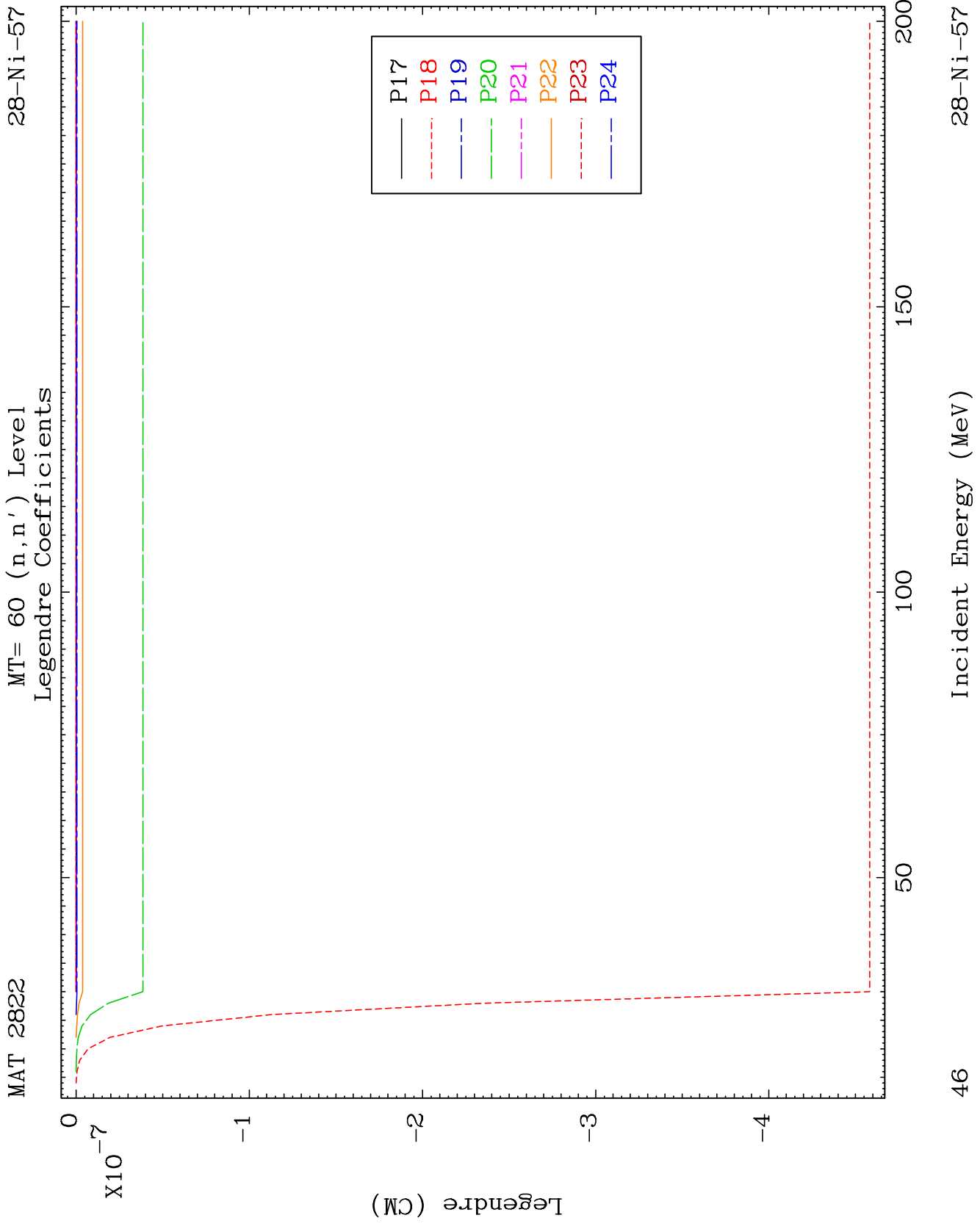
Incident Energy (MeV)

28-Ni-57





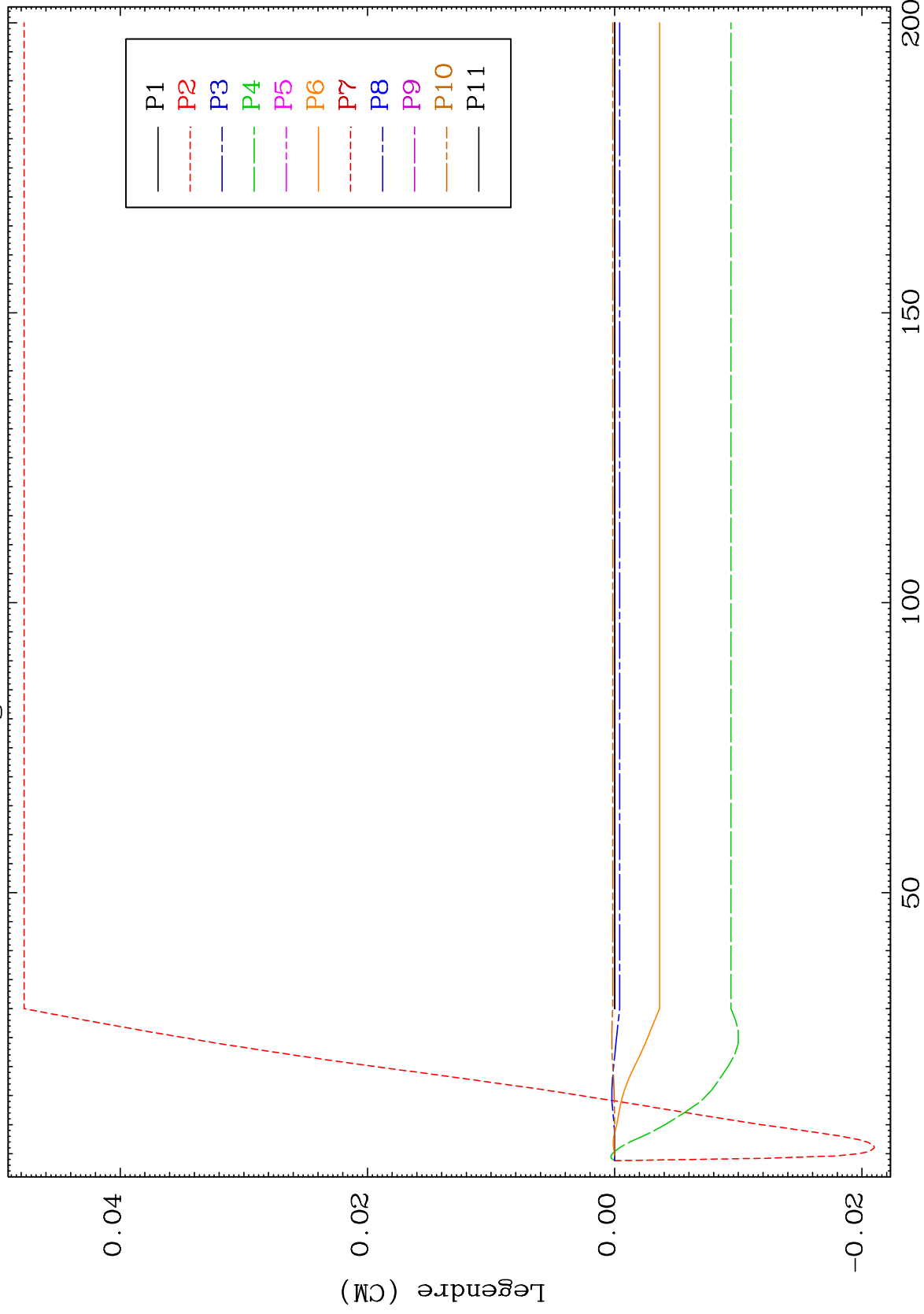




MAT 2822

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

28-Ni-57



47

Incident Energy (MeV)

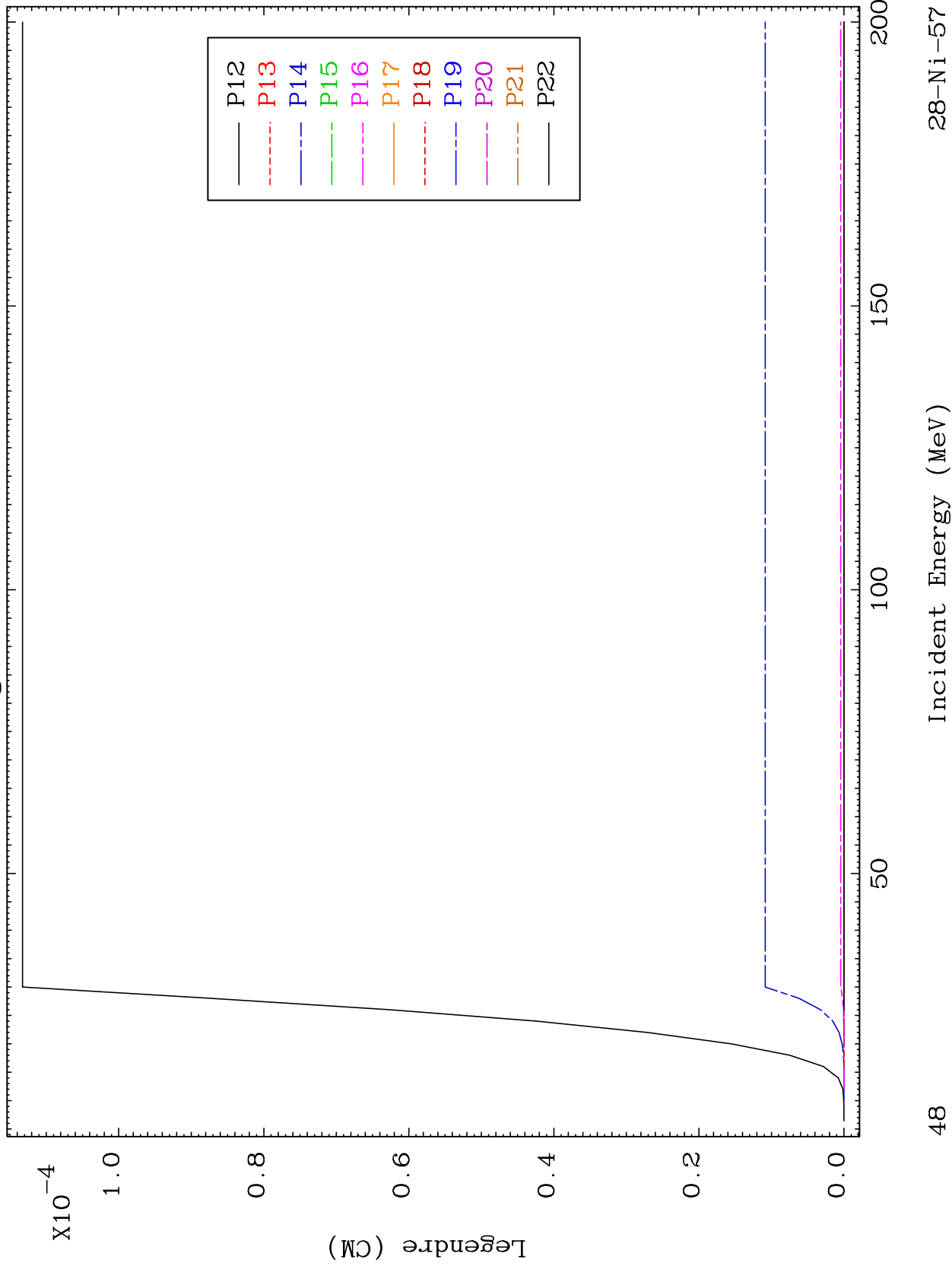
28-Ni-57



MAT 2822

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

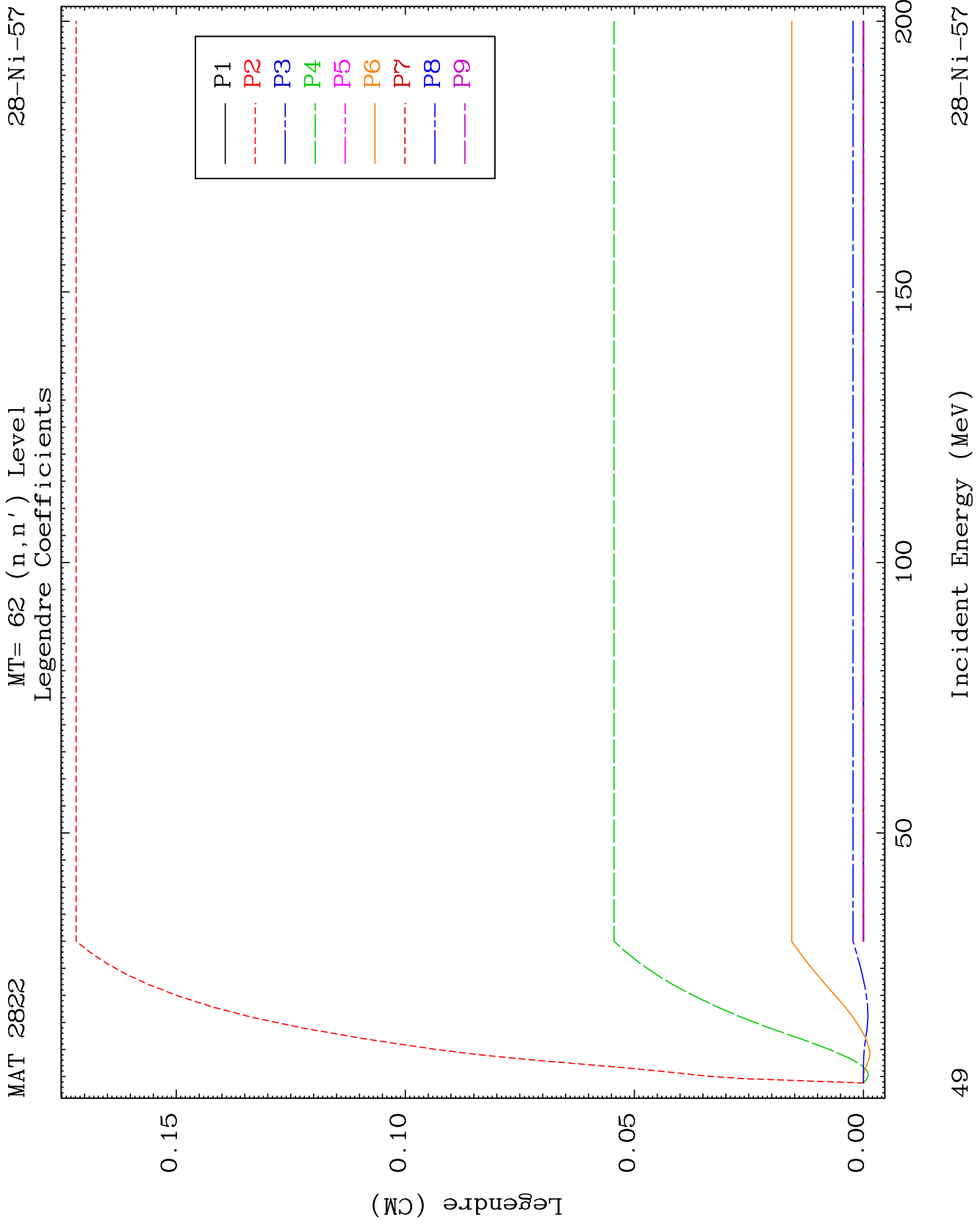
28-Ni-57

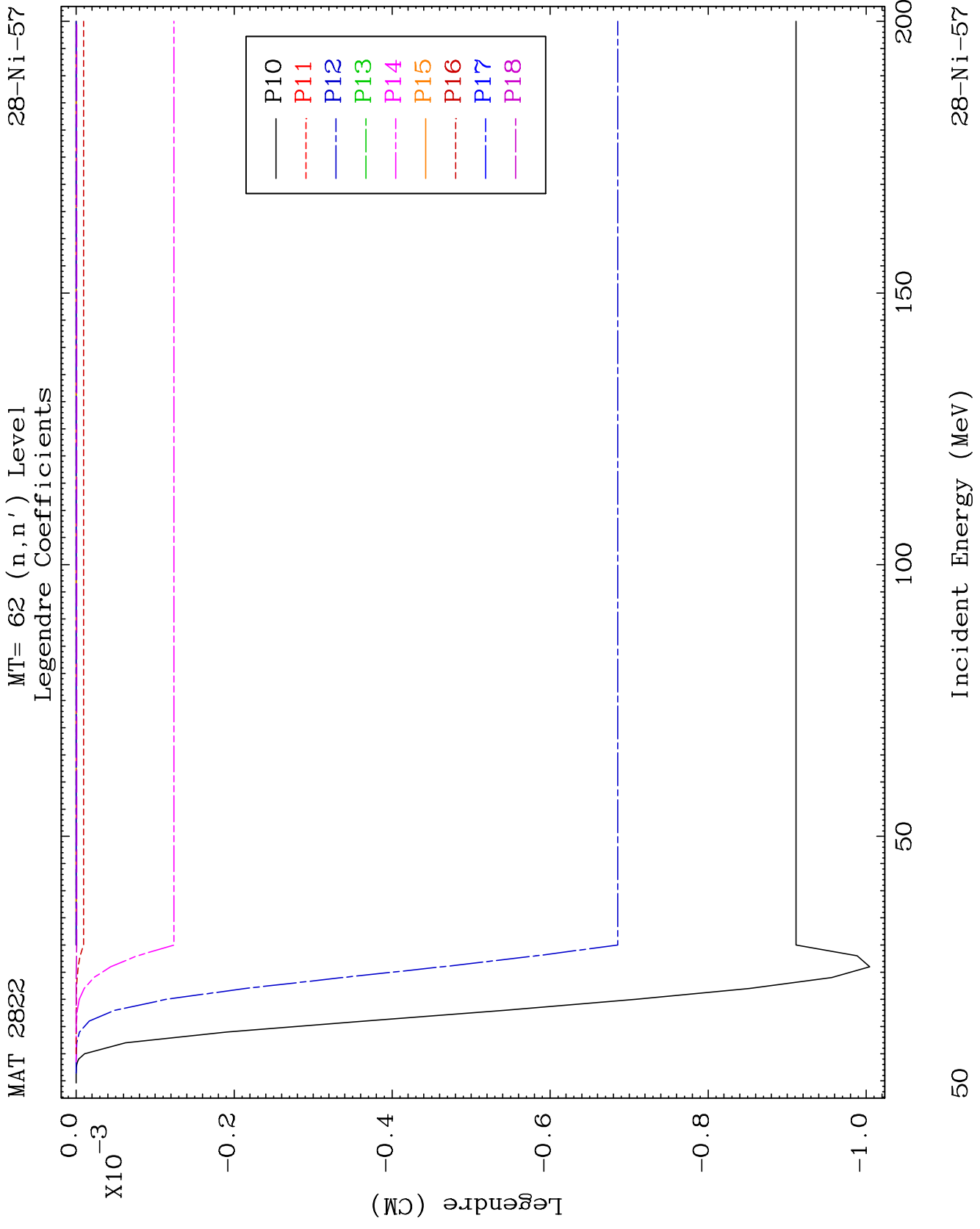


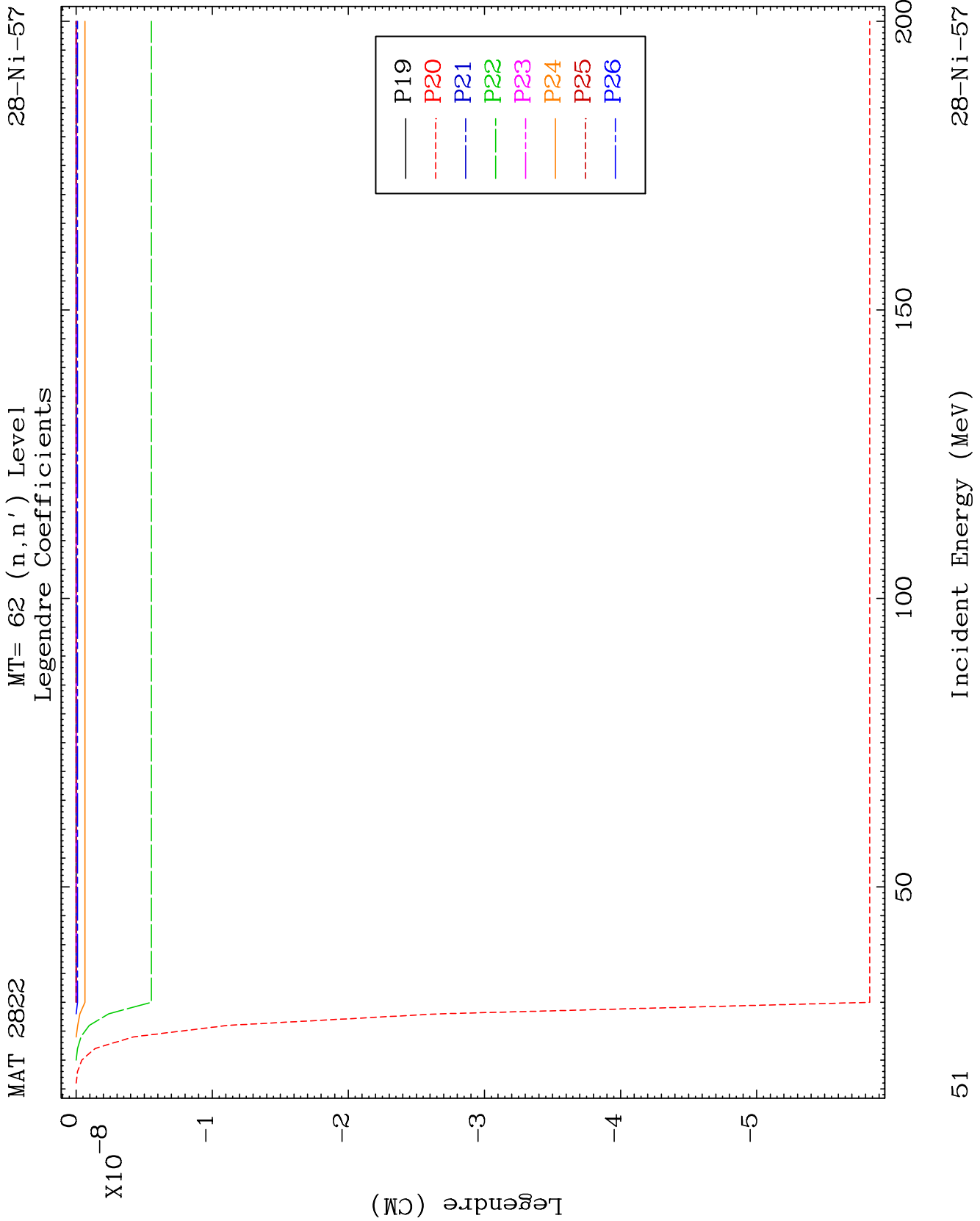
48

Incident Energy (MeV)

28-Ni-57





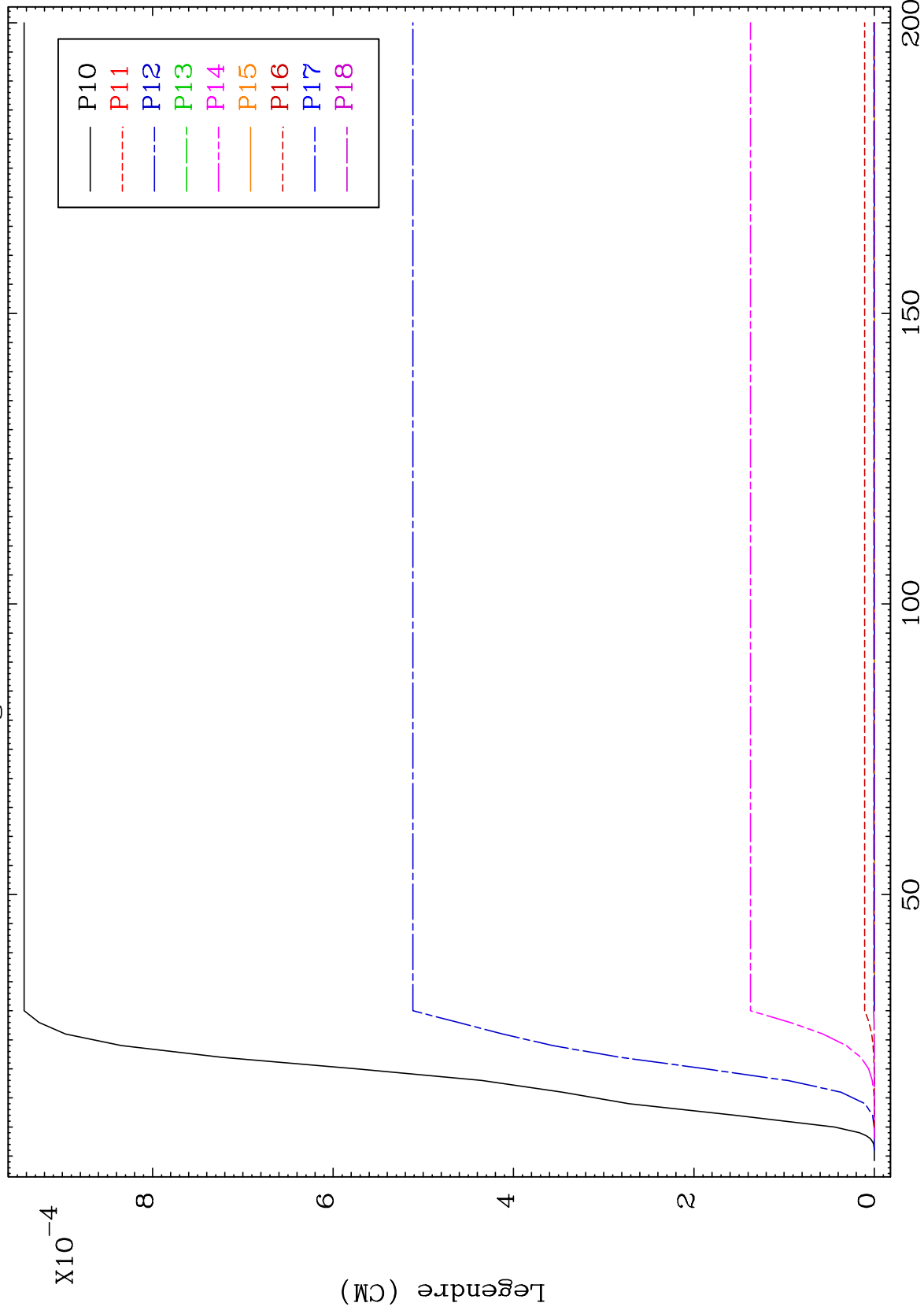




MAT 2822

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

28-Ni-57

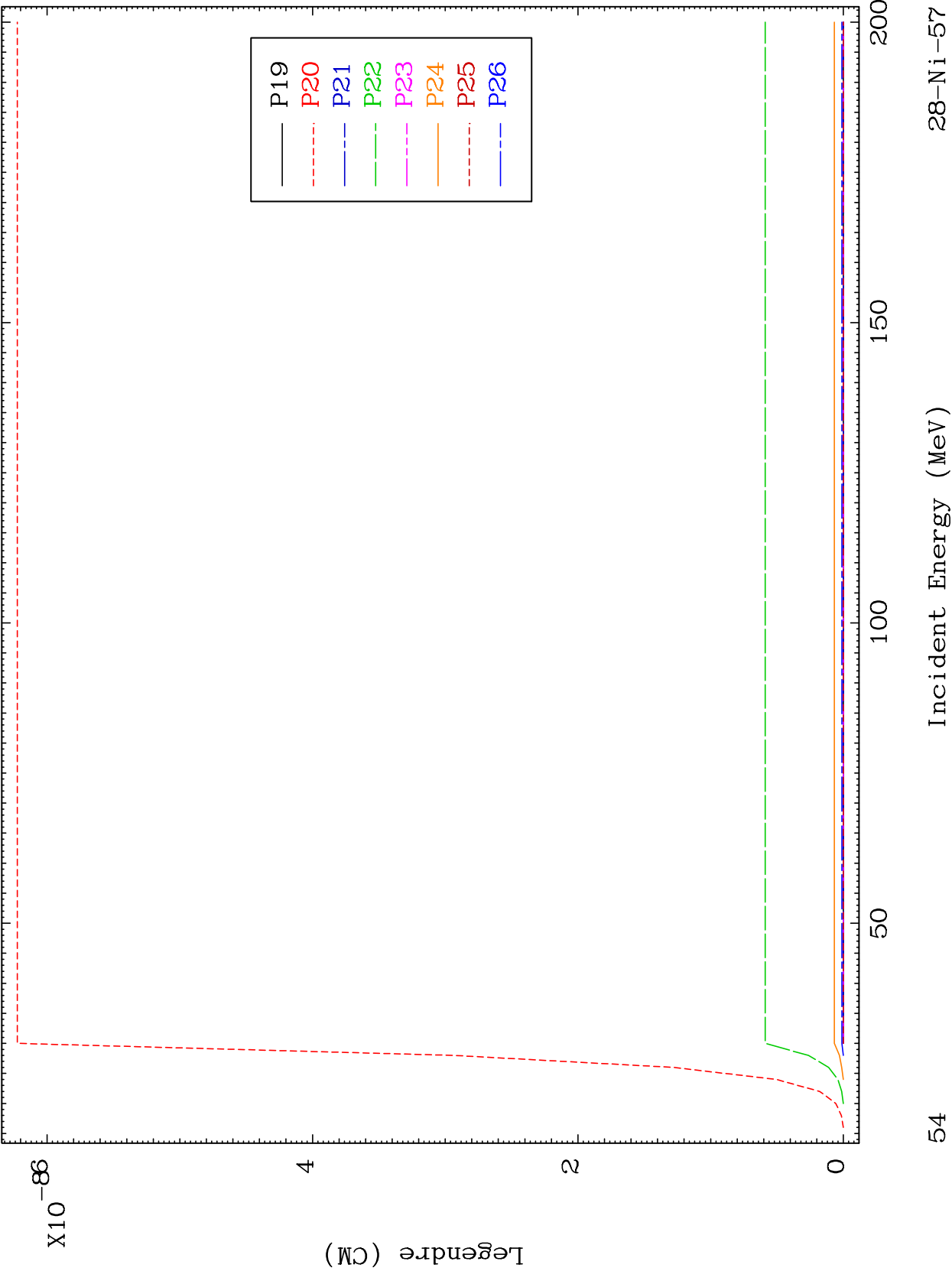


53

Incident Energy (MeV)

28-Ni-57

MAT 2822 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-57



28-Ni-57

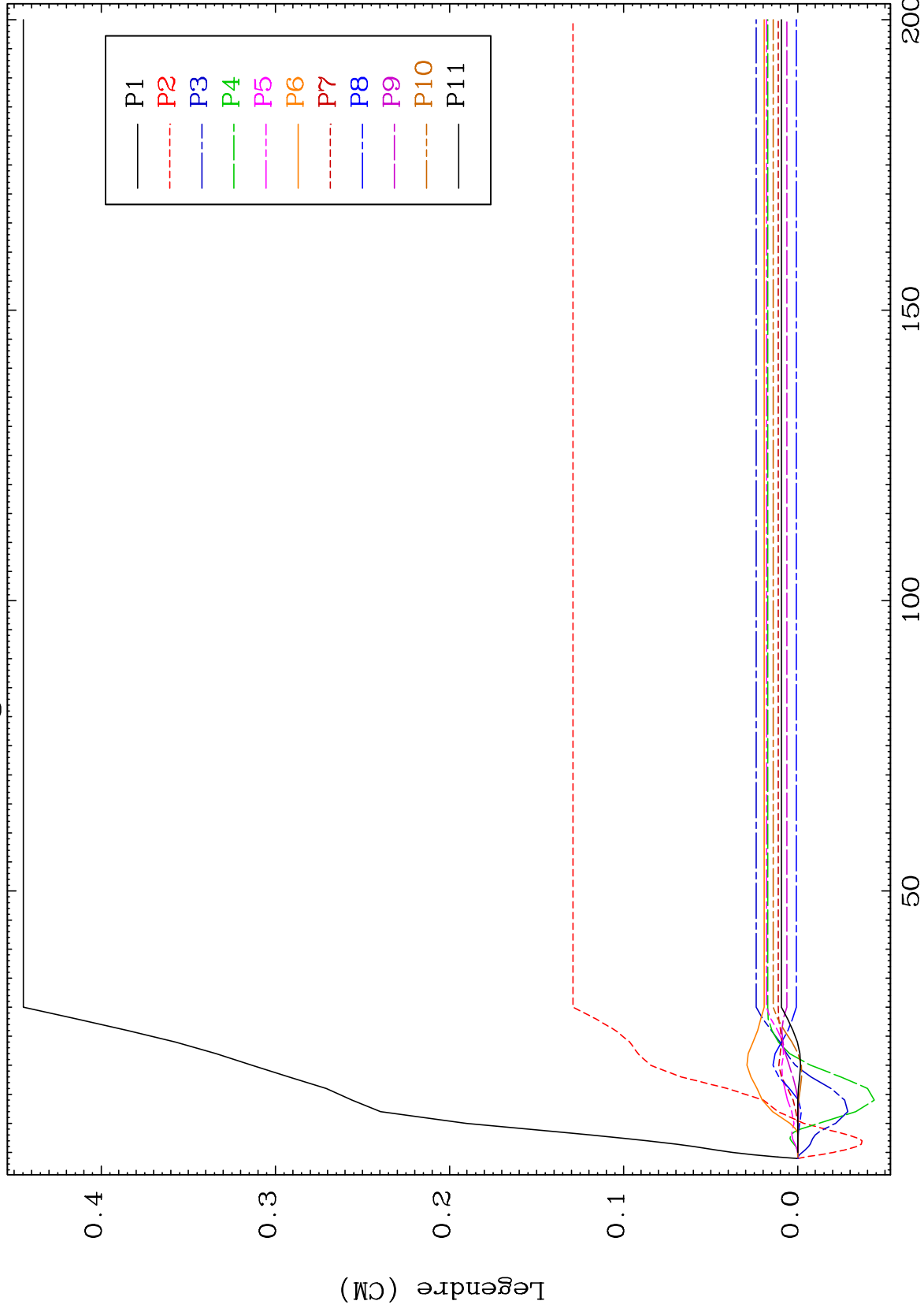
Incident Energy (MeV)

54

MAT 2822

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

28-Ni-57

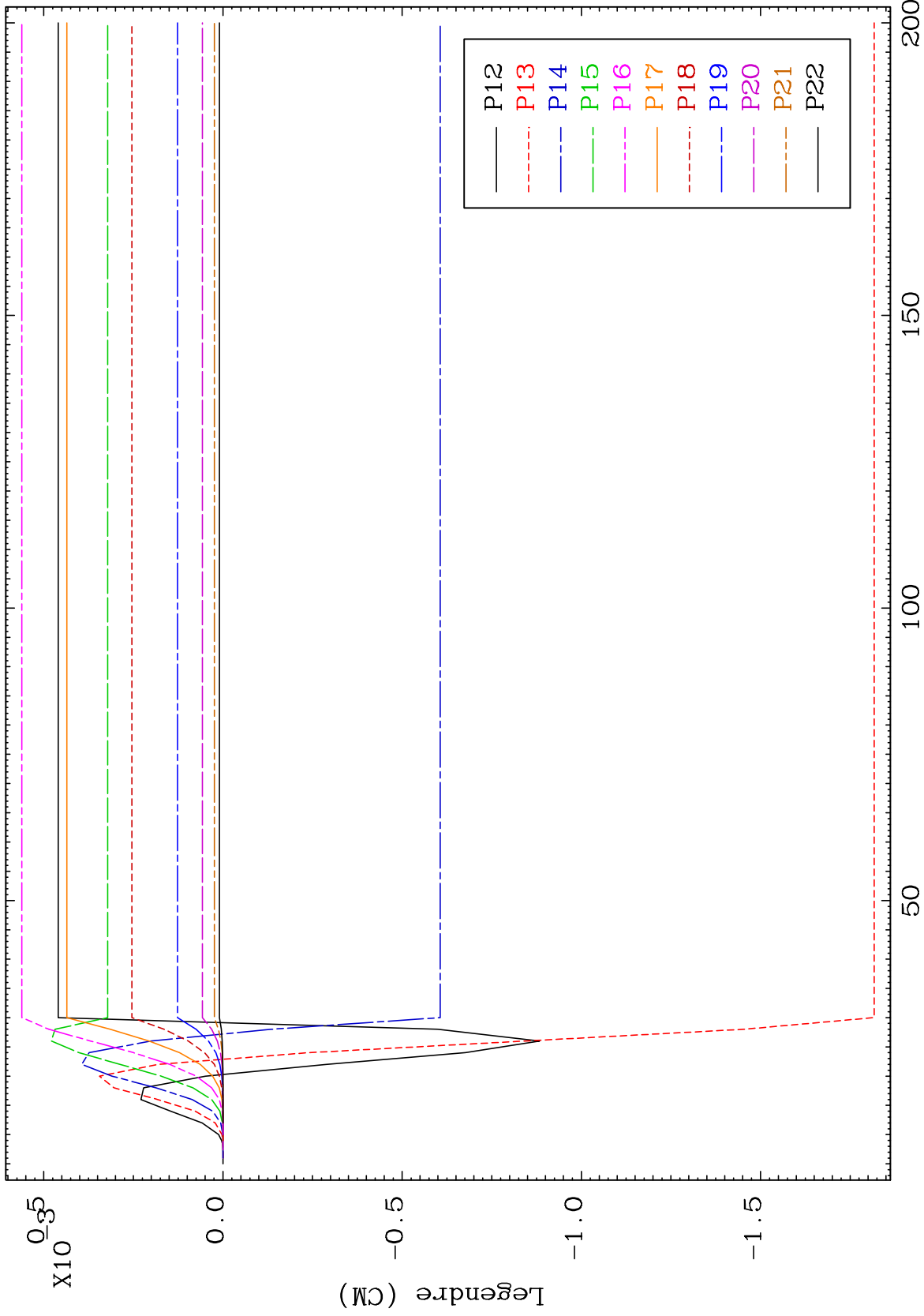


55

Incident Energy (MeV)

28-Ni-57

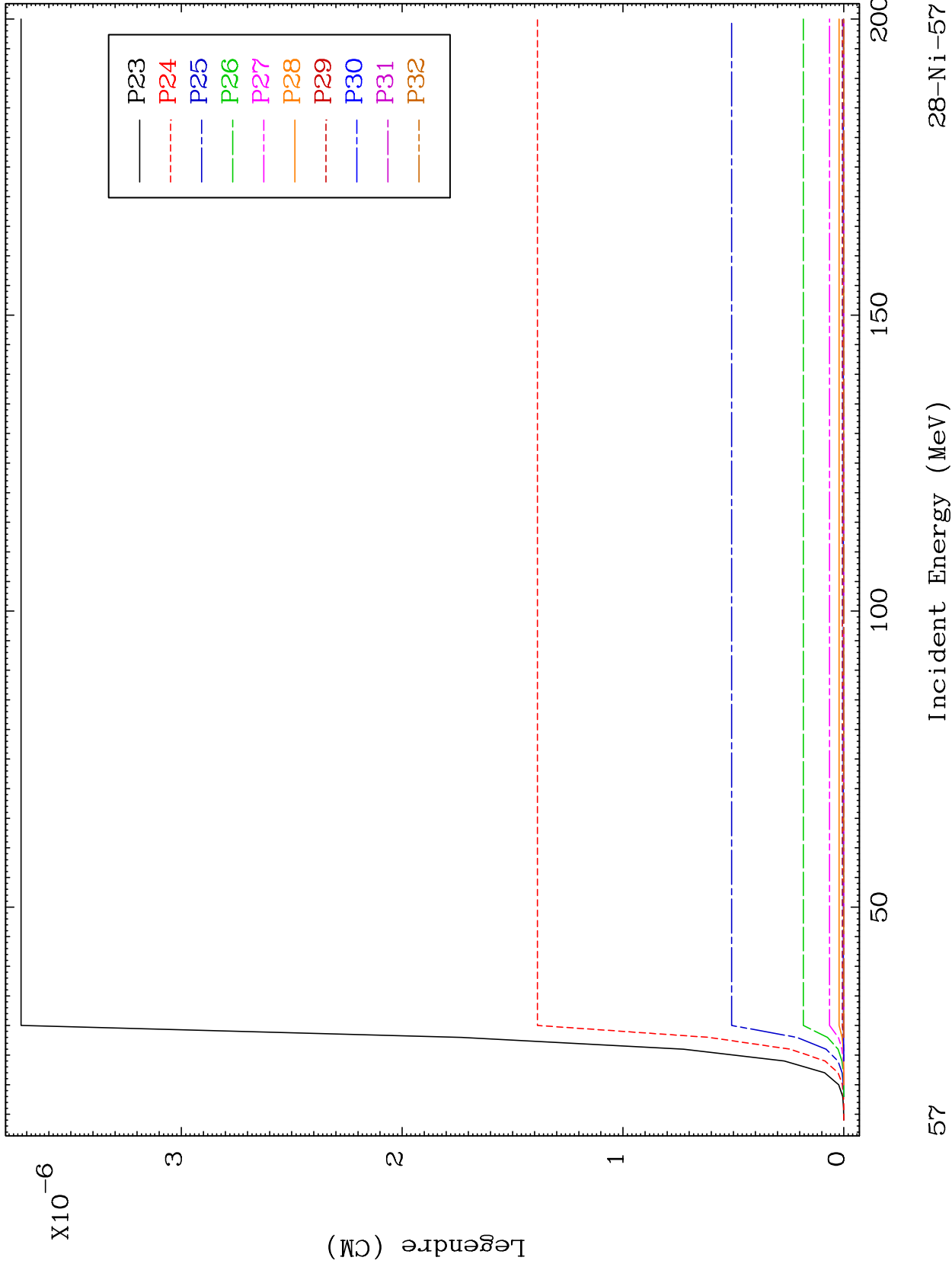




MAT 2822

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

28-Ni-57



57

Incident Energy (MeV)

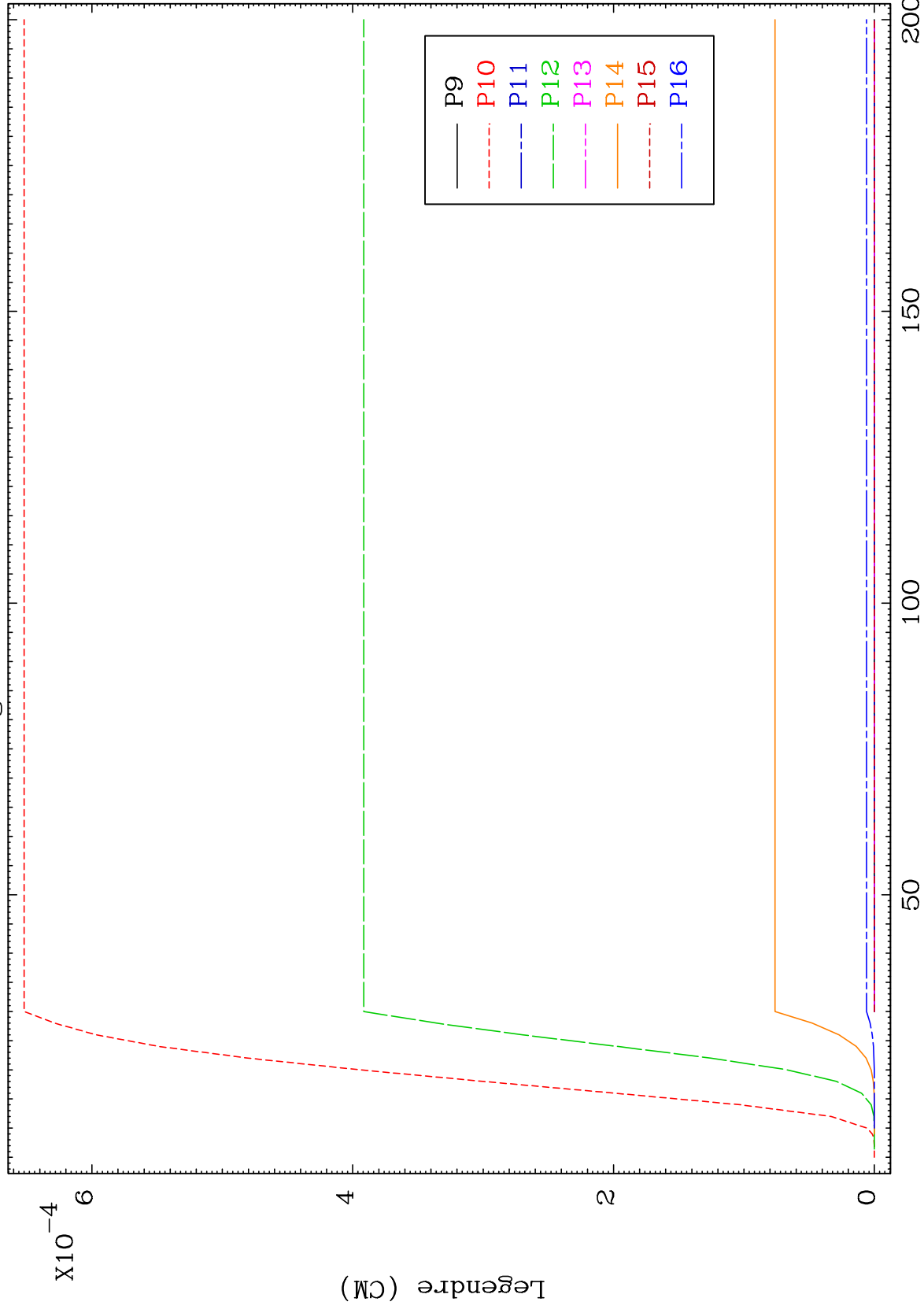
28-Ni-57



MAT 28222

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

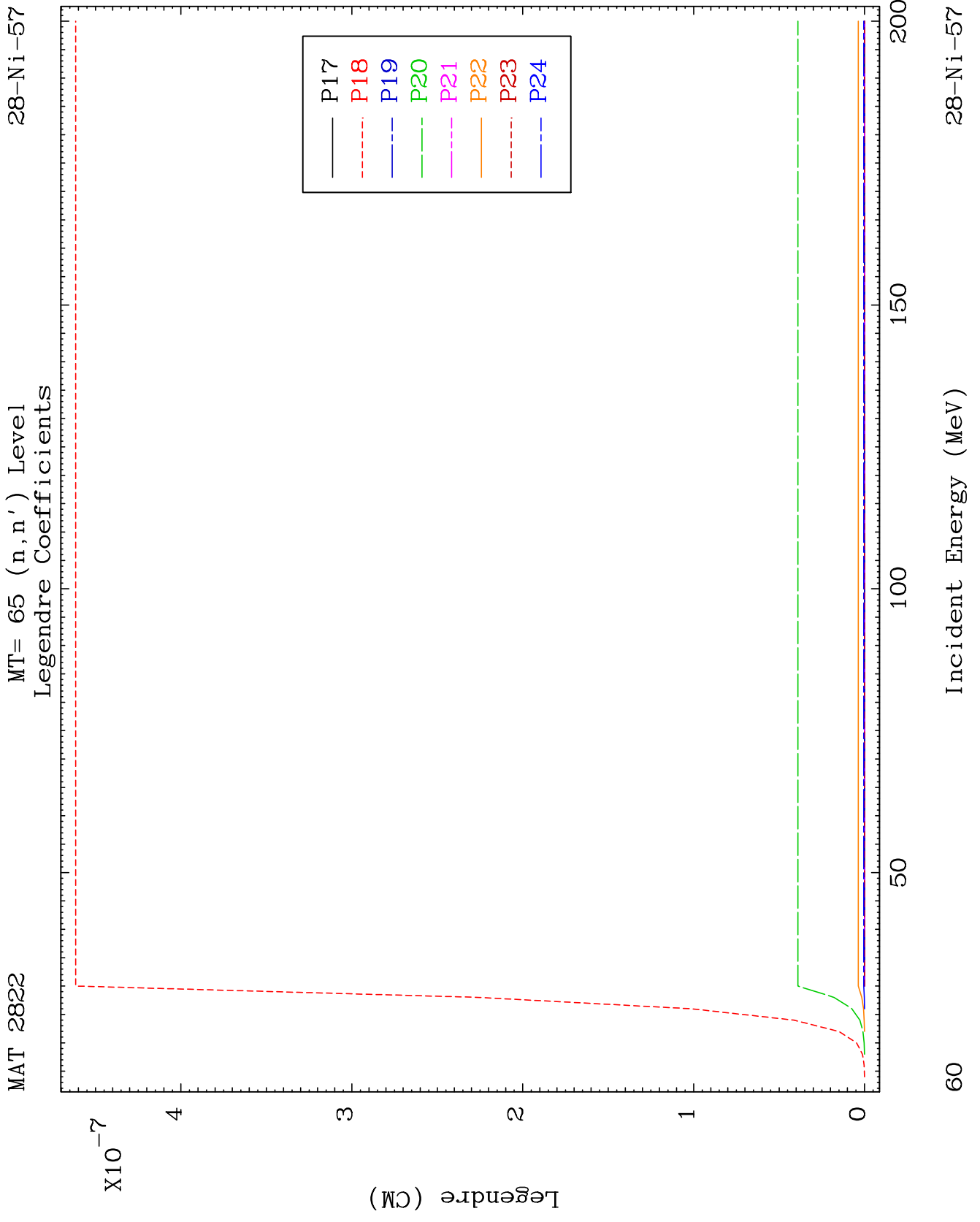
28-Ni-57



59

Incident Energy (MeV)

28-Ni-57

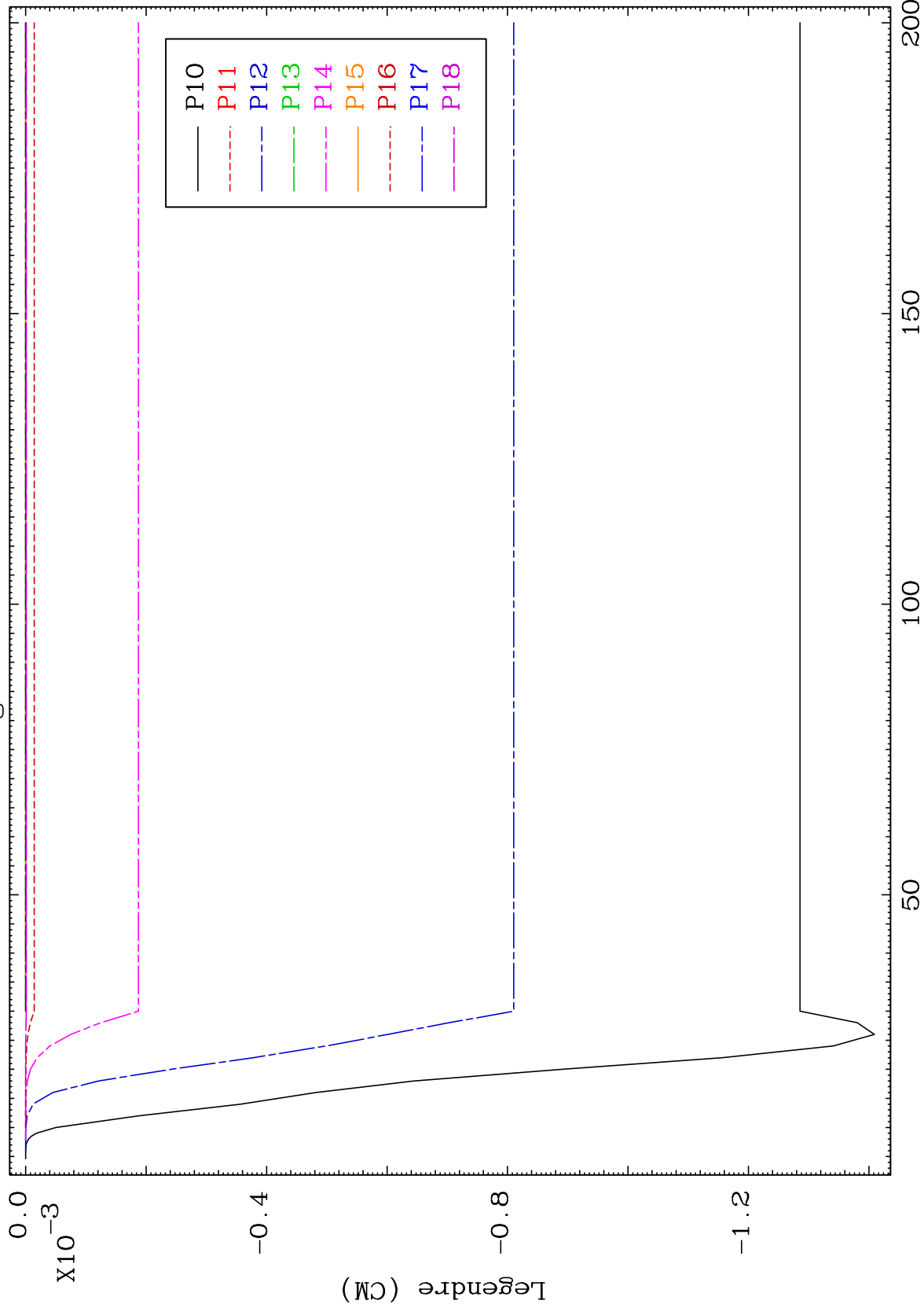




MAT 28222

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

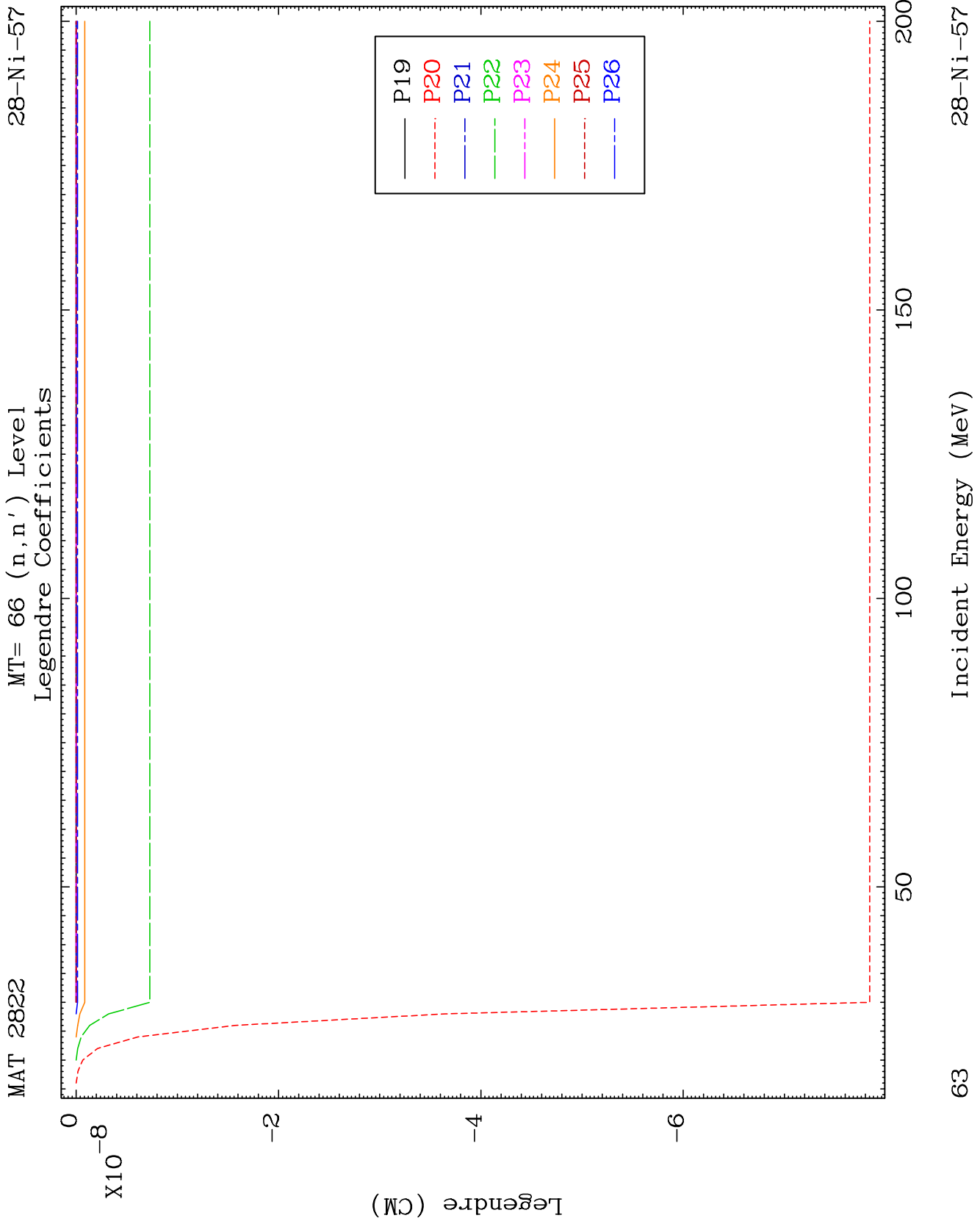
28-Ni-57



28-Ni-57

Incident Energy (MeV)

62

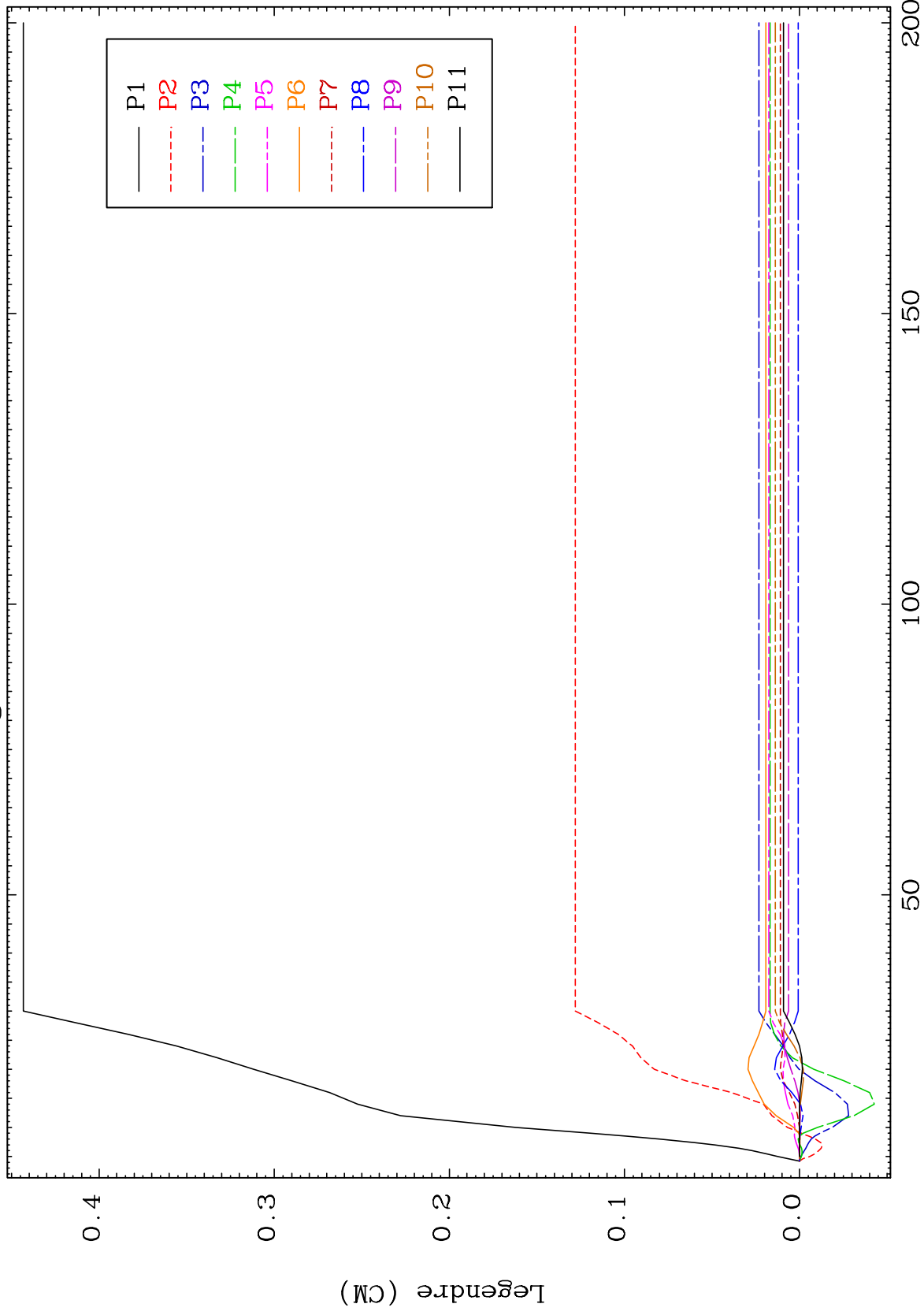




MAT 28222

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

28-Ni-57



64

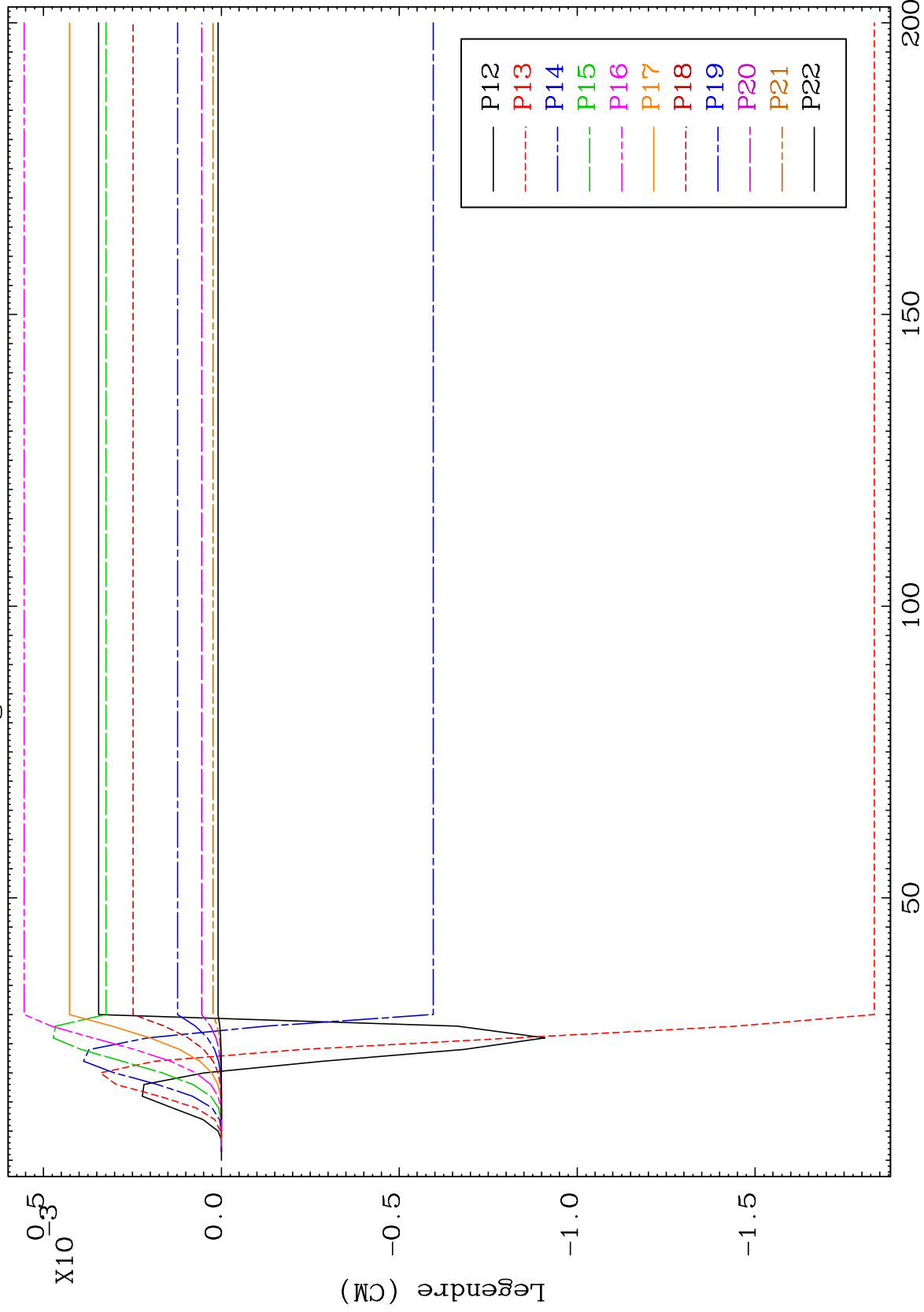
Incident Energy (MeV)

28-Ni-57

MAT 28222

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

28-Ni-57



65

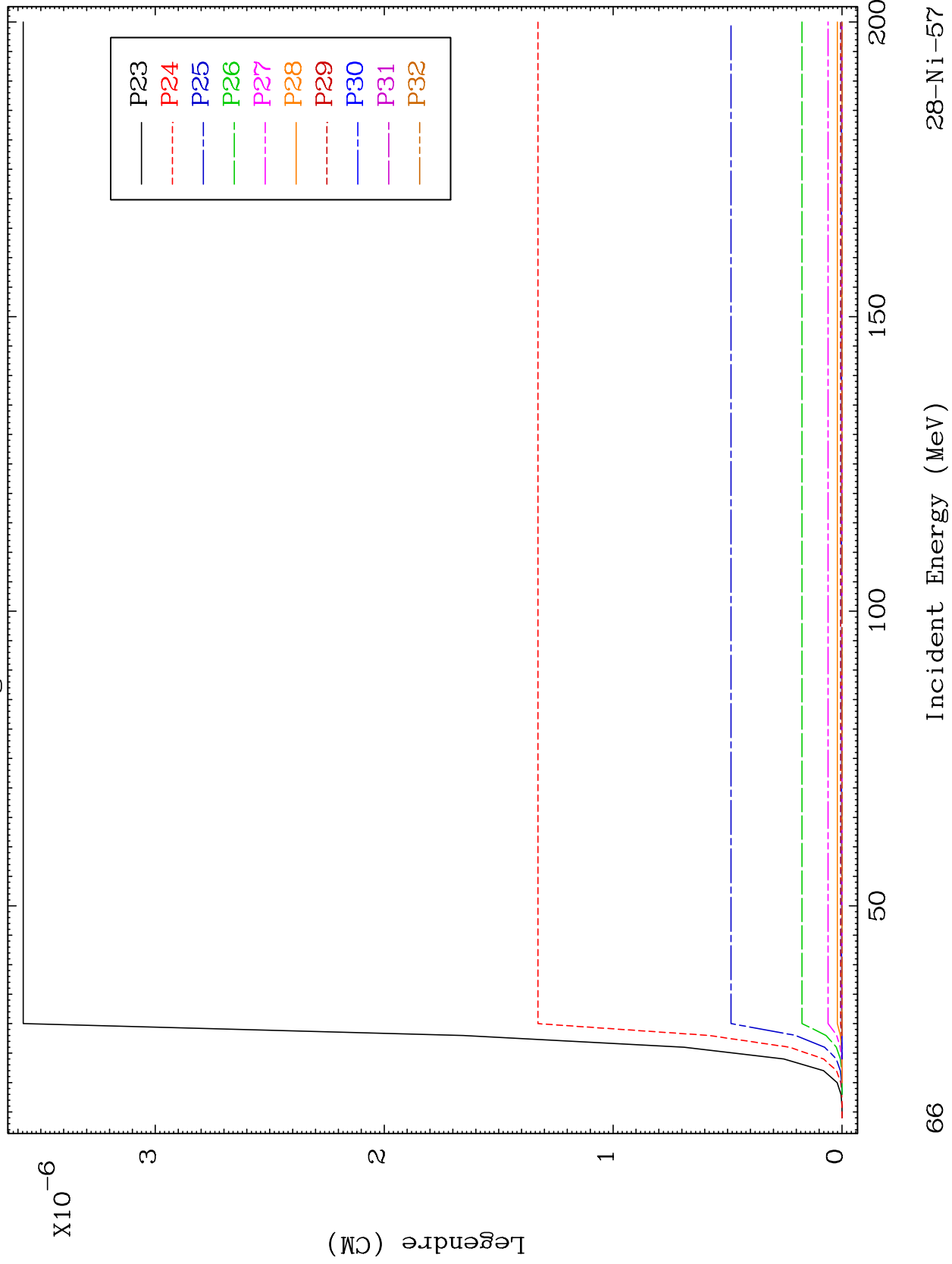
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



66

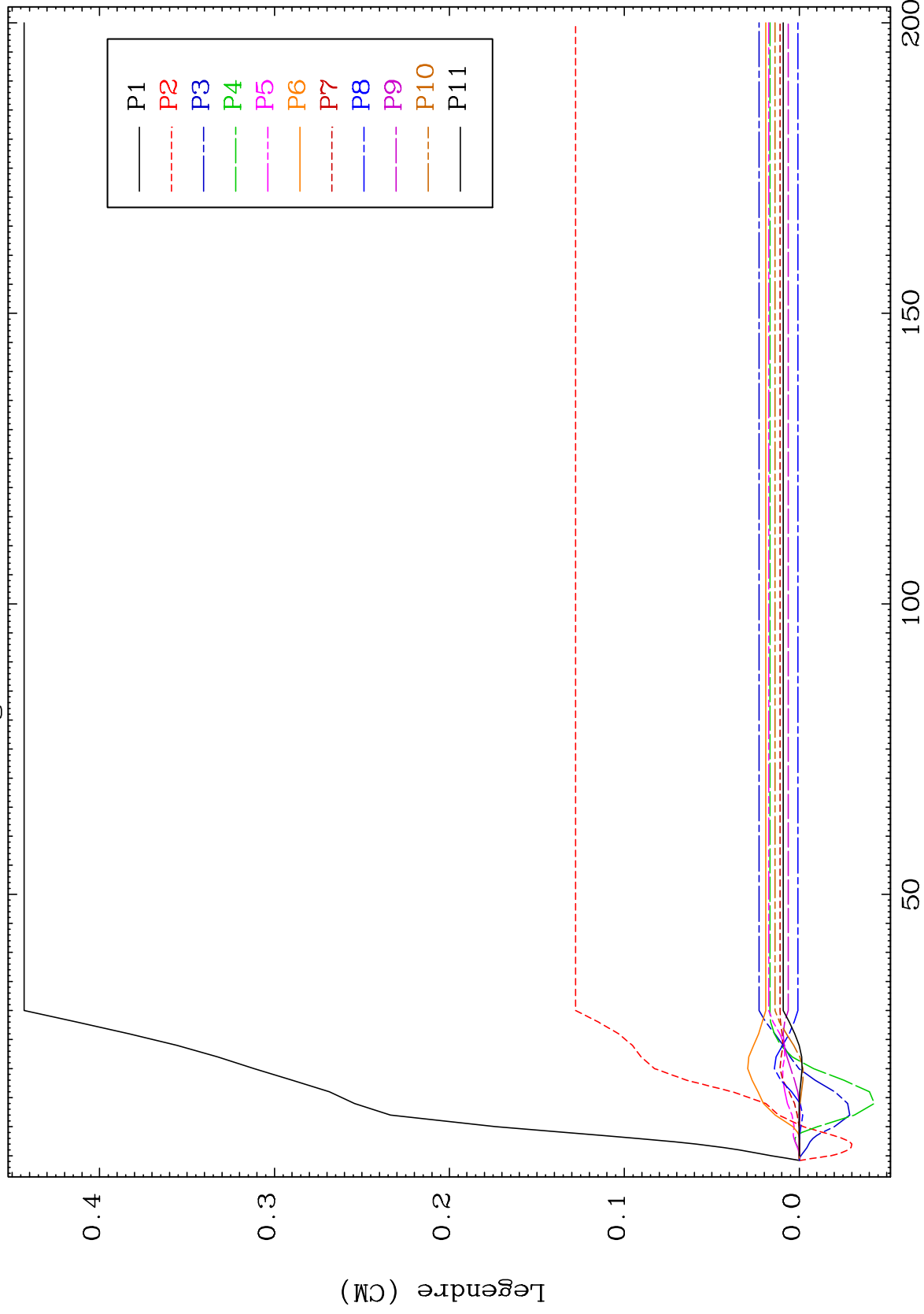
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



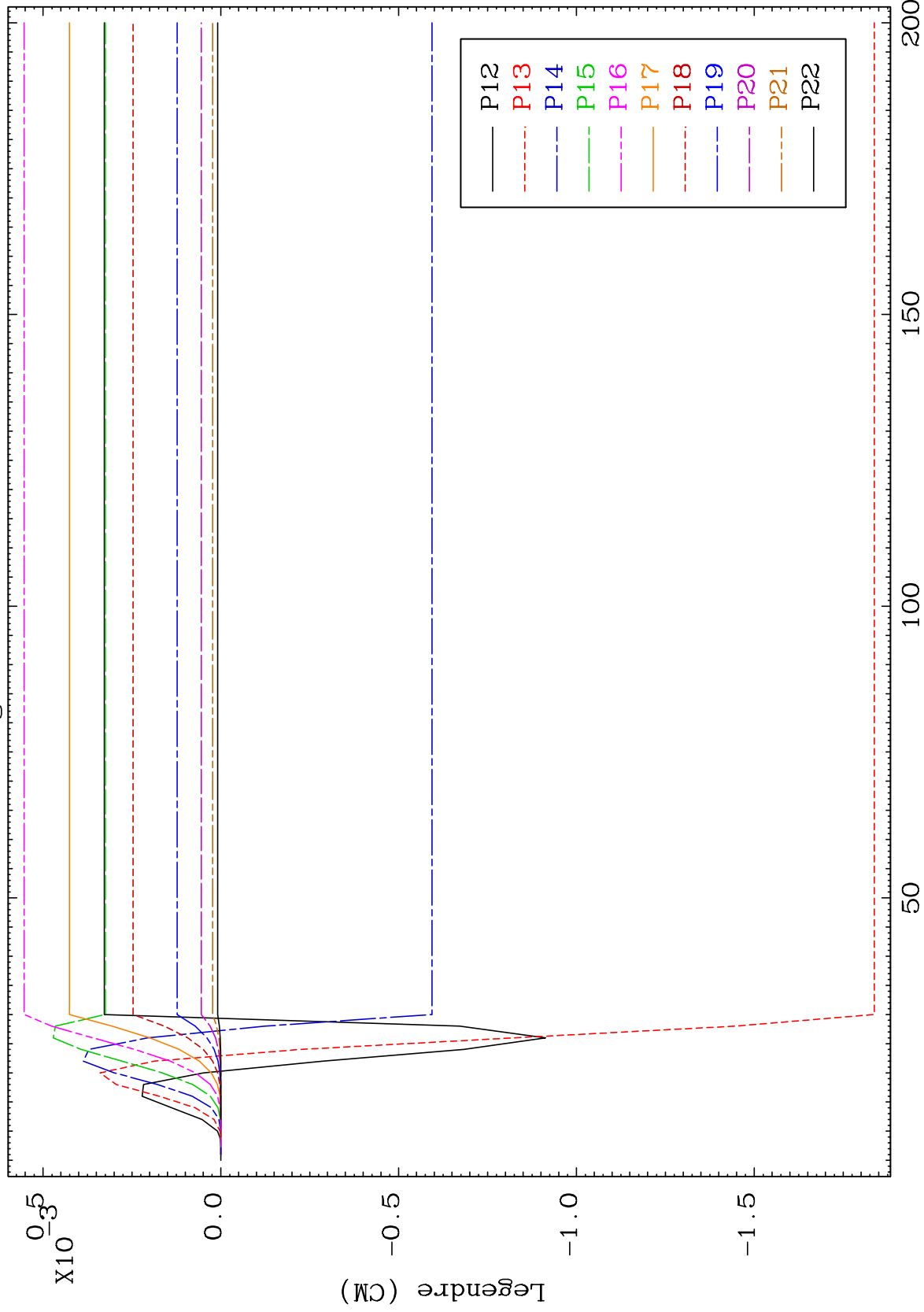
67

28-Ni-57

MAT 28222

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

28-Ni-57



68

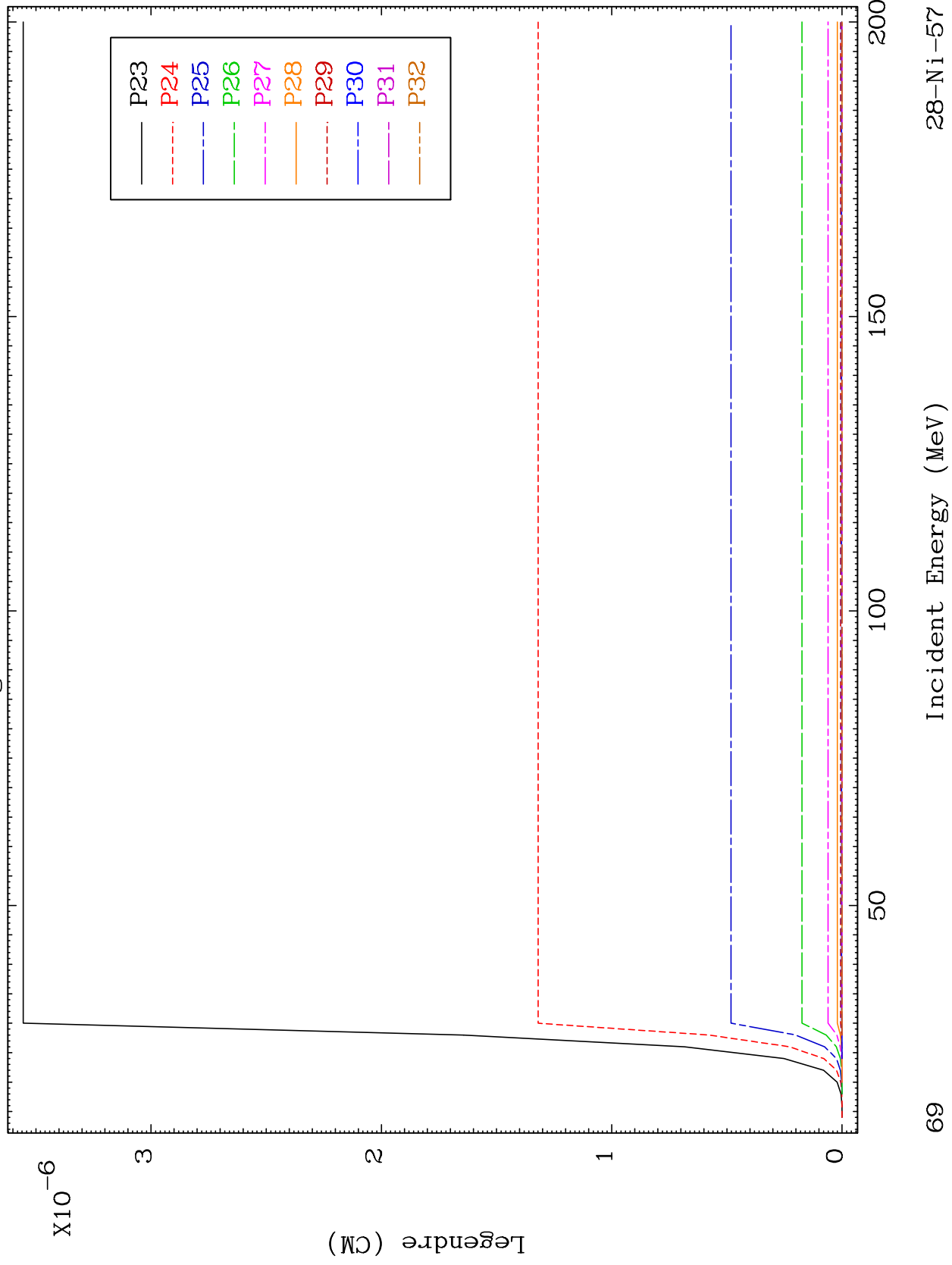
Incident Energy (MeV)

28-Ni-57

MAT 2822

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

28-Ni-57



69

Incident Energy (MeV)

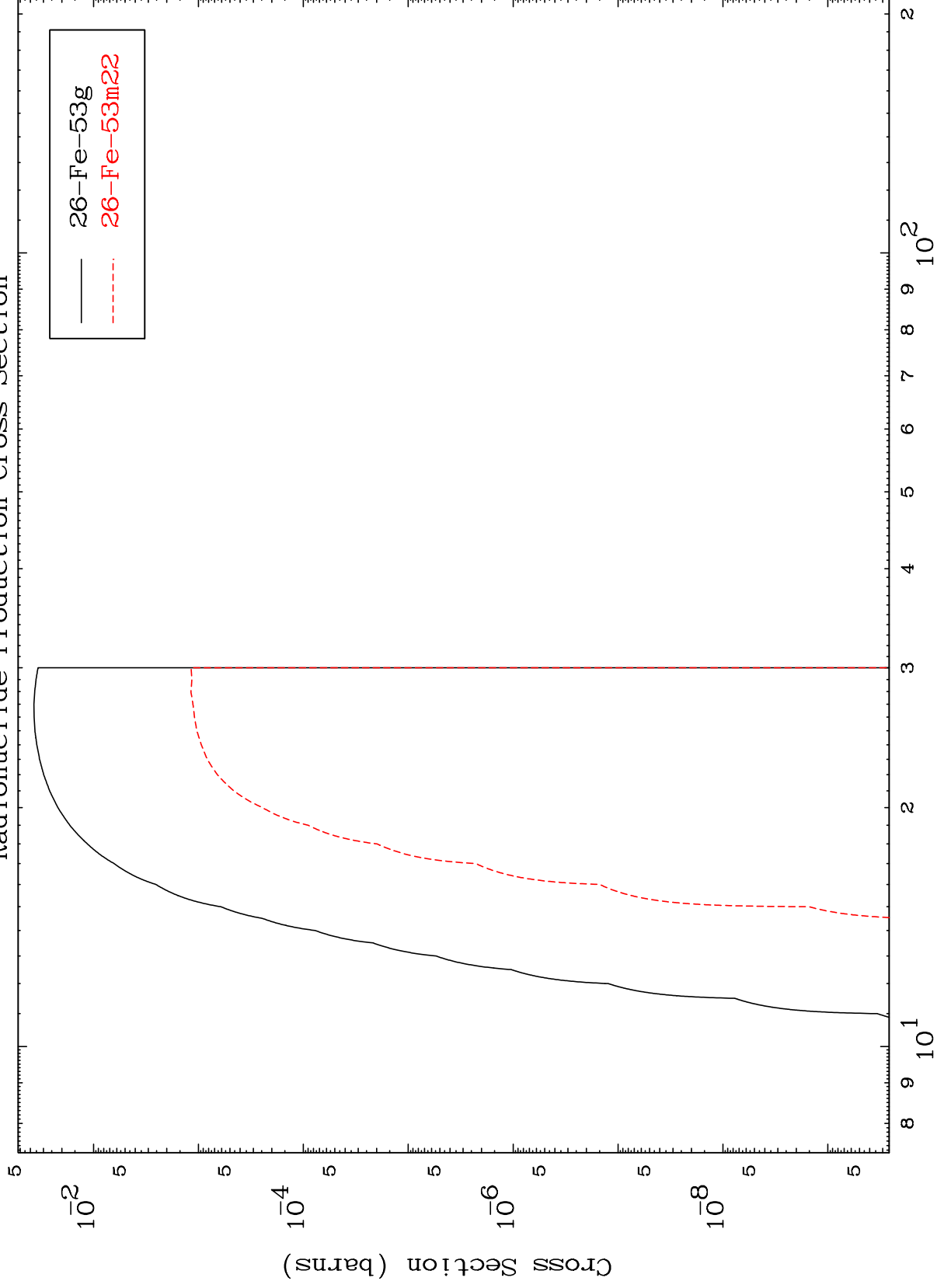
28-Ni-57

MAT 2822

$(n, n') \alpha$

28-Ni-57

Radionuclide Production Cross Section



70

Incident Energy (MeV)

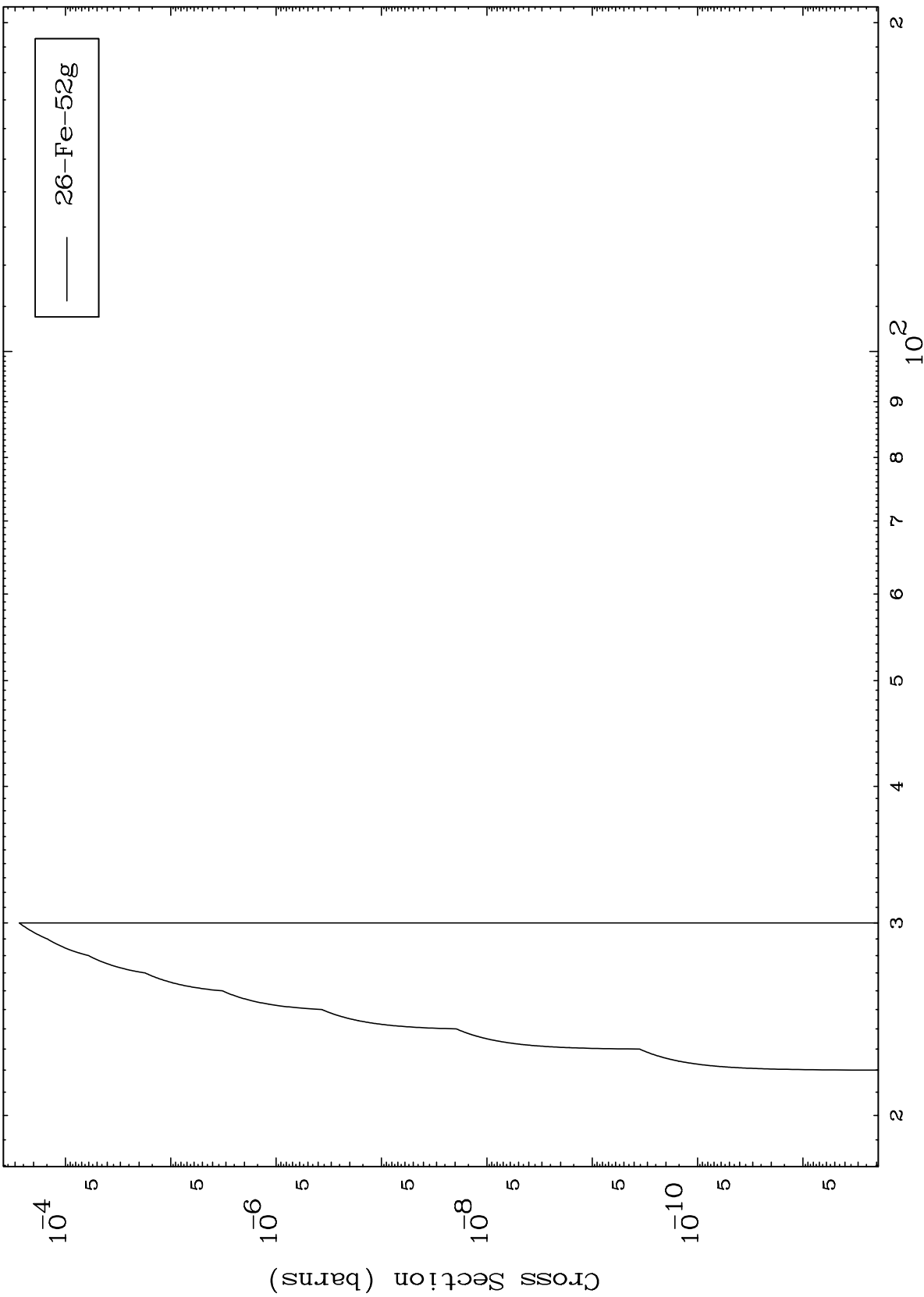
28-Ni-57

MAT 2822

(n,2n)  $\alpha$

28-Ni-57

Radionuclide Production Cross Section



71

Incident Energy (MeV)

28-Ni-57

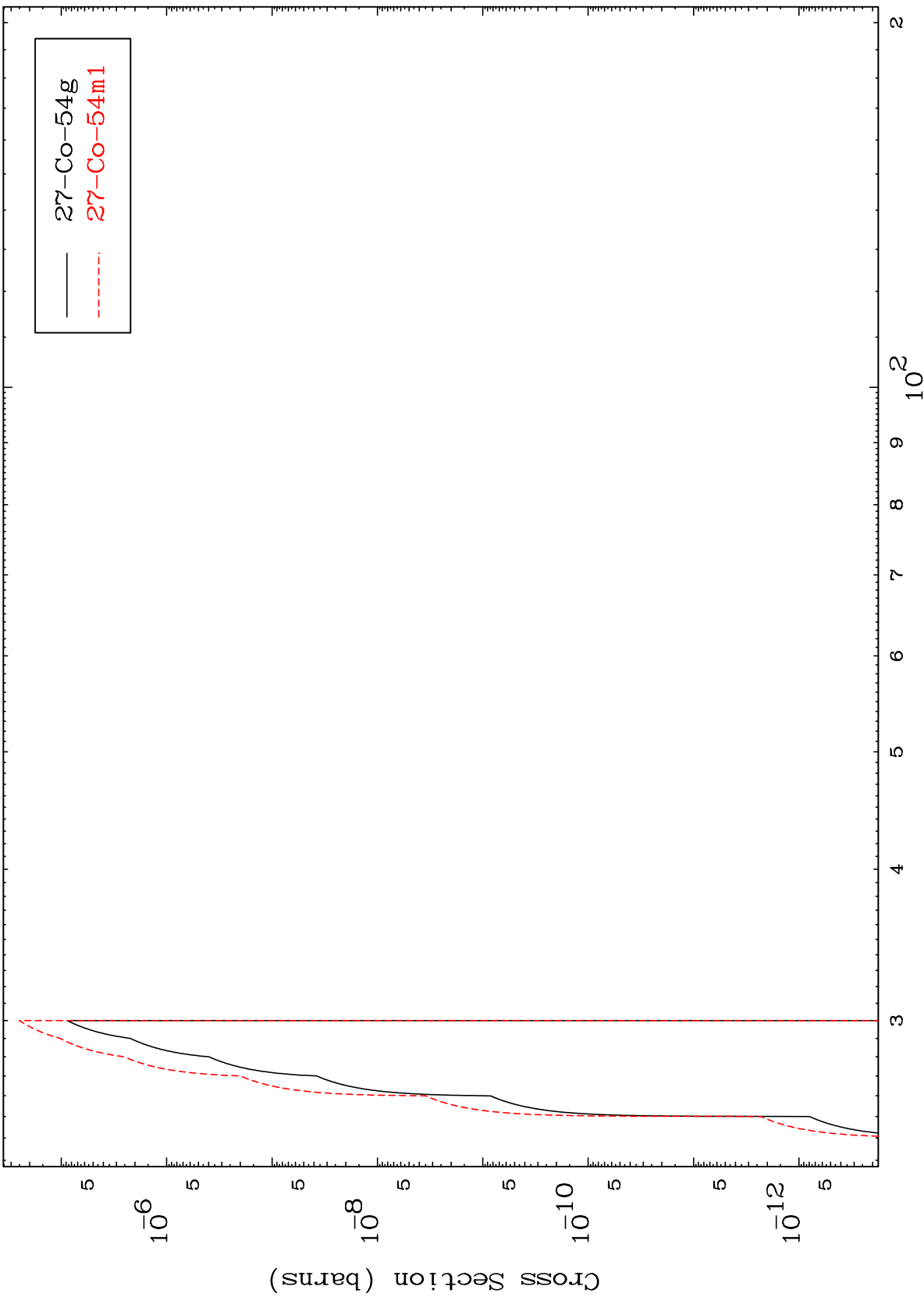


MAT 2822

(n,n') t

28-Ni-57

Radionuclide Production Cross Section



72

Incident Energy (MeV)

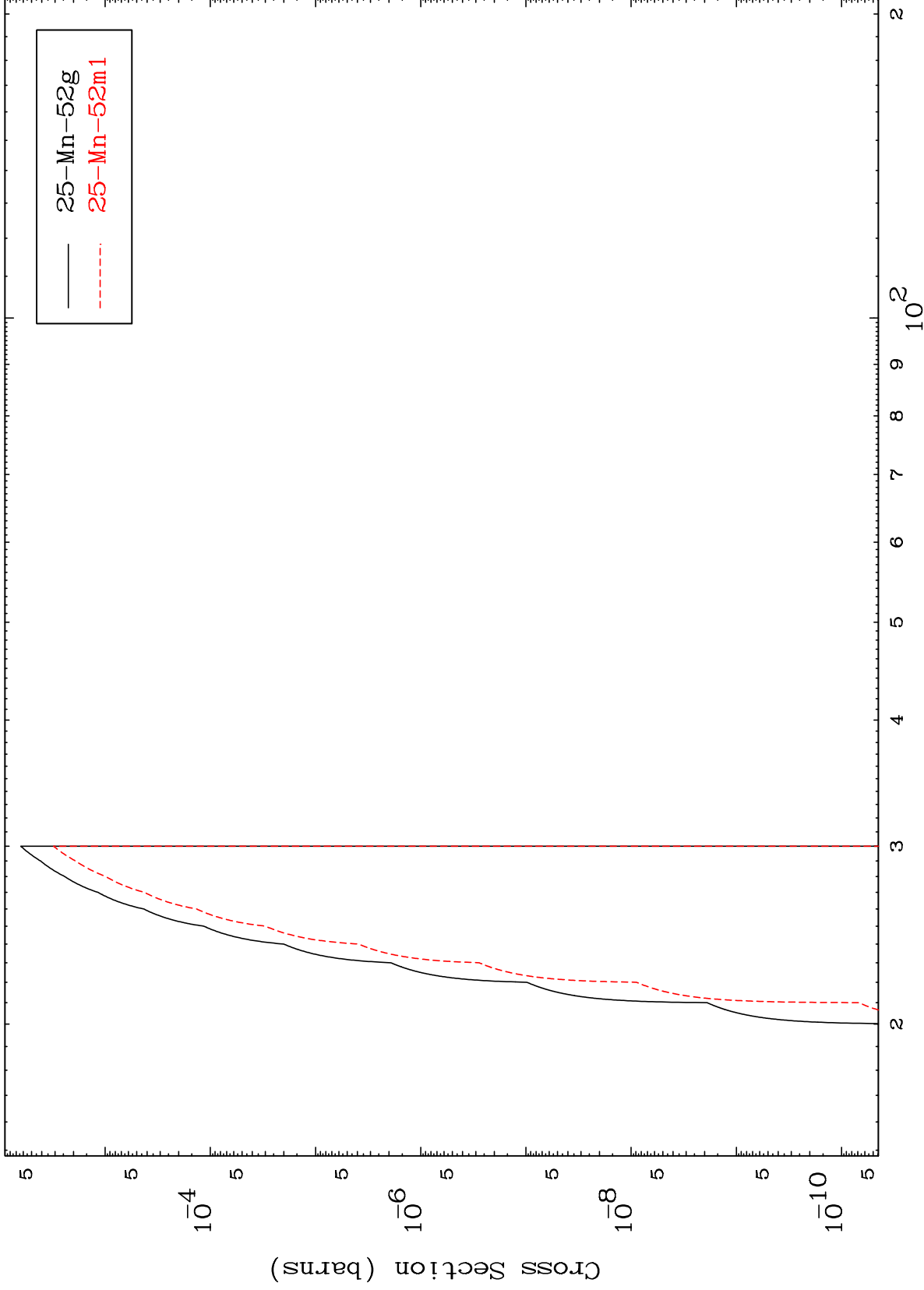
28-Ni-57

MAT 2822

(n,n') p  $\alpha$

28-Ni-57

Radionuclide Production Cross Section



73

Incident Energy (MeV)

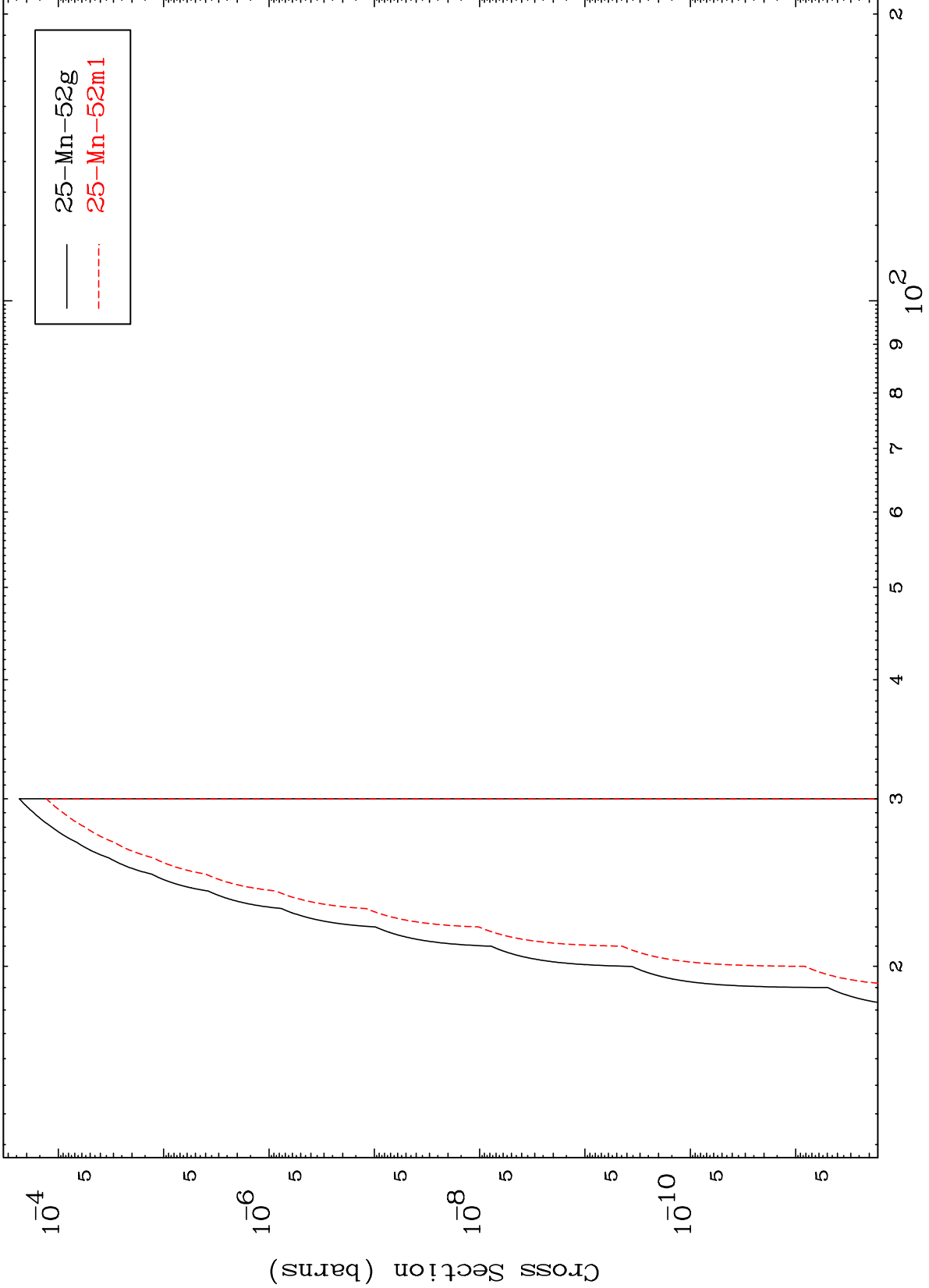
28-Ni-57

MAT 2822

(n,d)  $\alpha$

28-Ni-57

Radionuclide Production Cross Section



74

Incident Energy (MeV)

28-Ni-57