

Program EVALPLOT  
(Version 2018-1)

by

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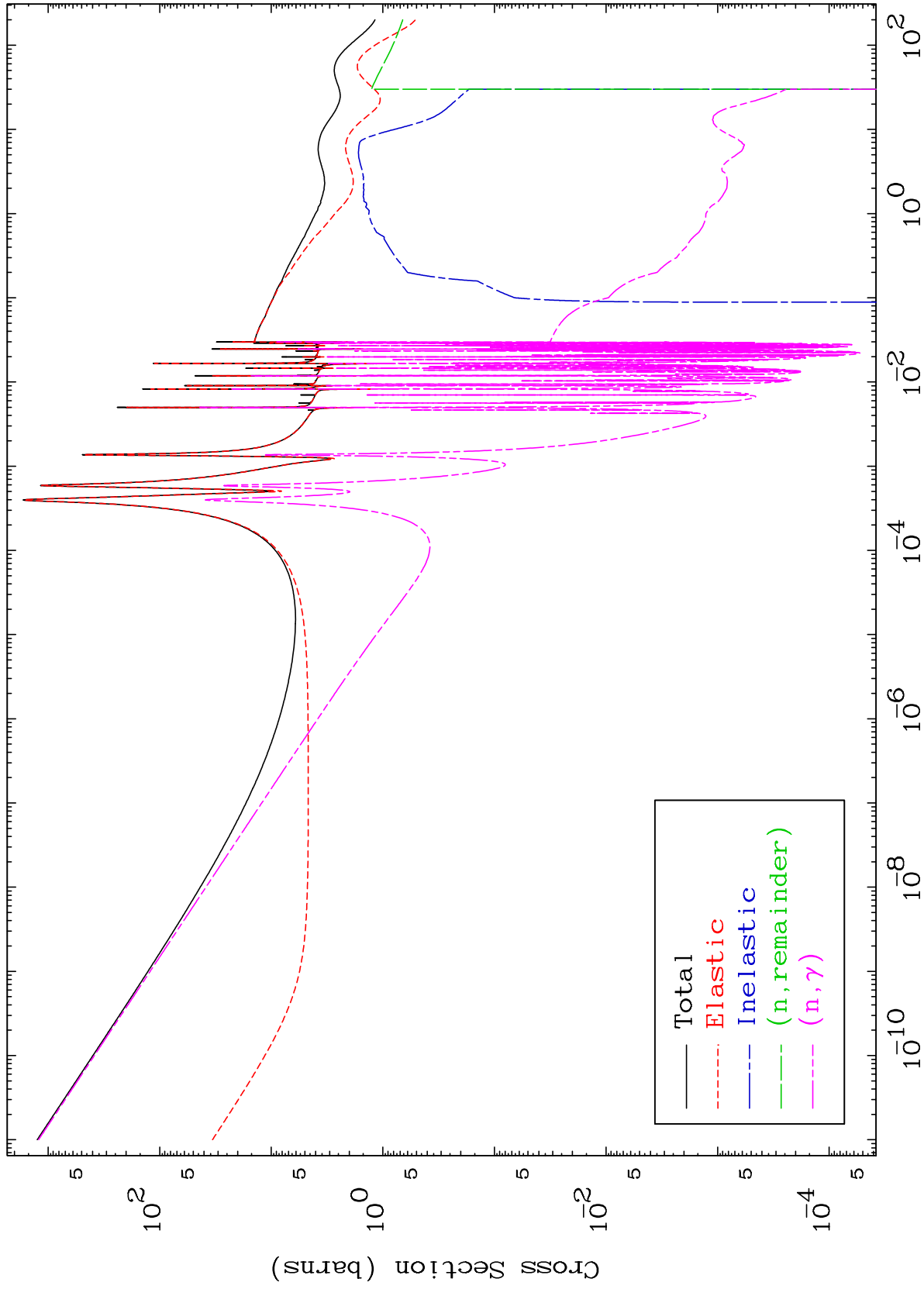
Press Mouse Button to Start

MAT 2840

Major

293 Kelvin Cross Sections

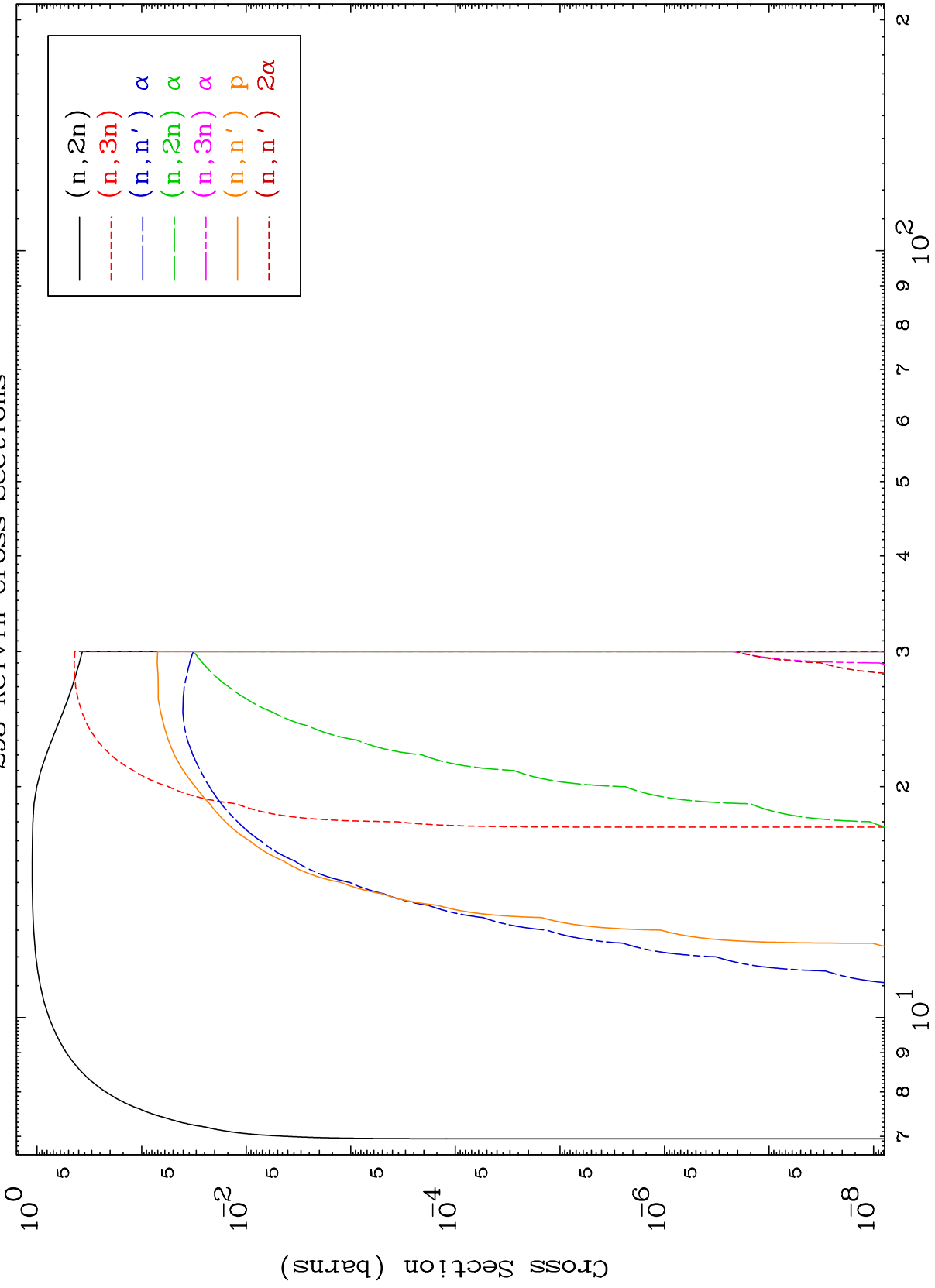
28-Ni-63



MAT 2840

Neutron Production  
293 Kelvin Cross Sections

28-Ni-63



2

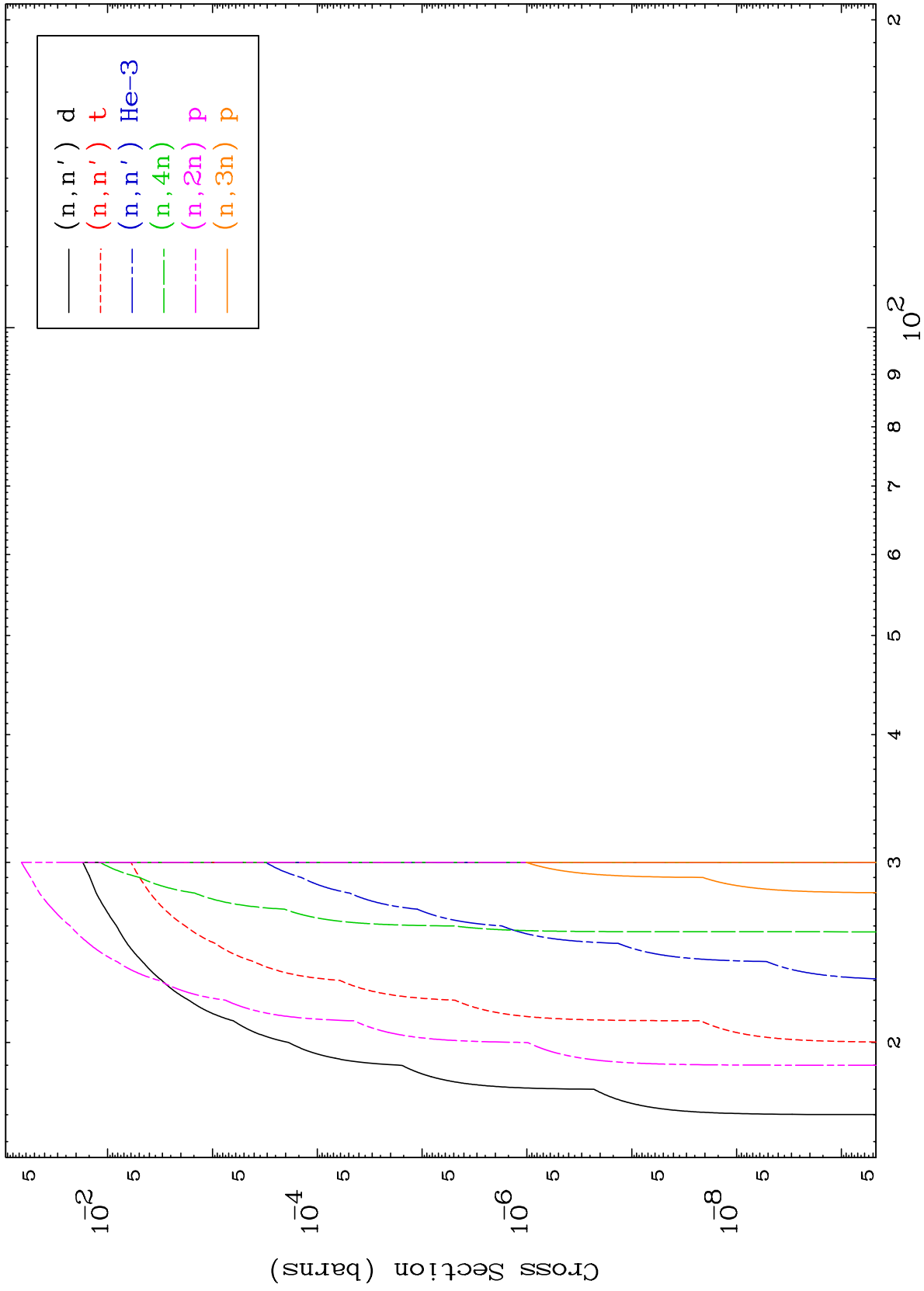
Incident Energy (MeV)

28-Ni-63

MAT 2840

Neutron Production  
293 Kelvin Cross Sections

28-Ni-63



3

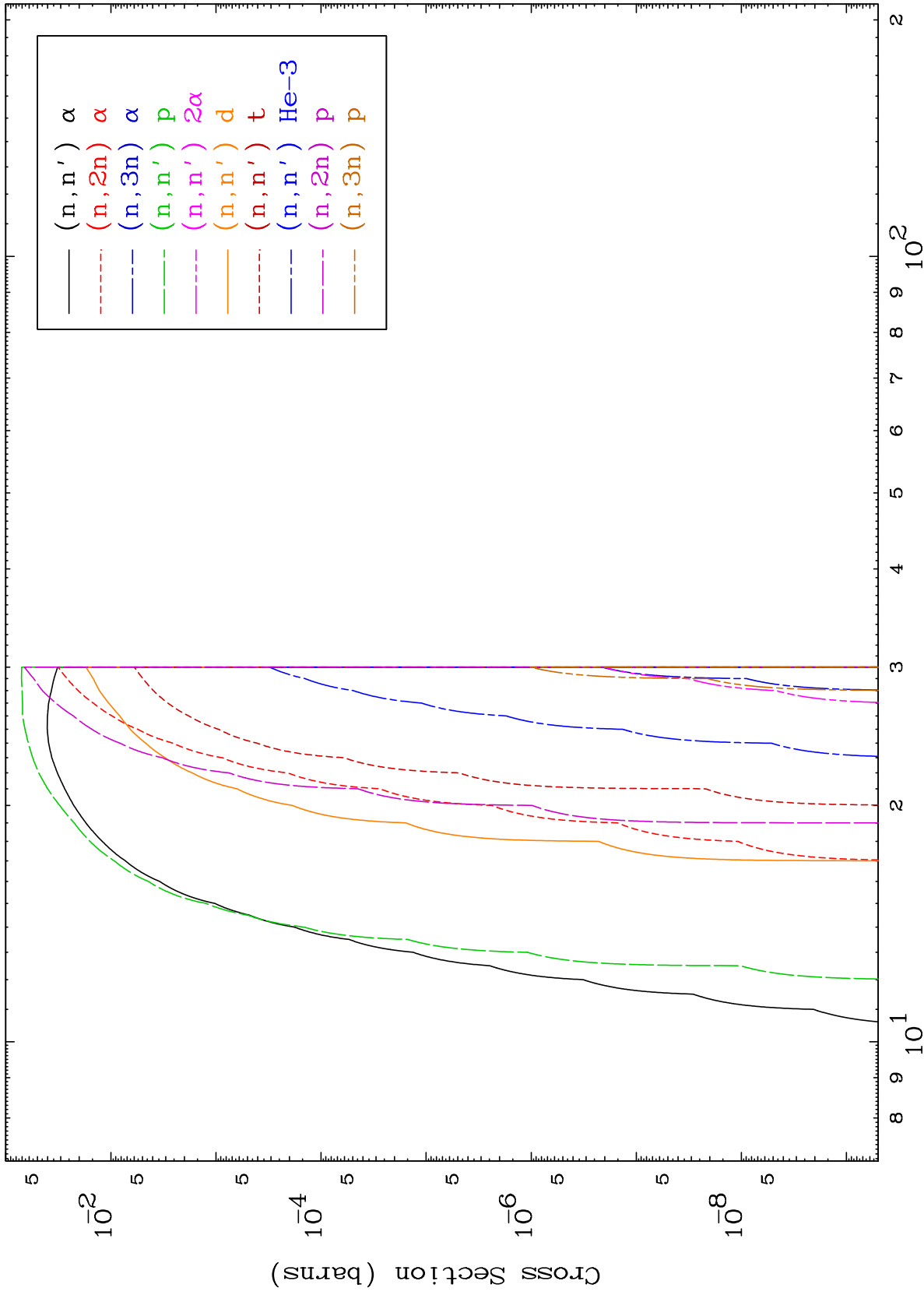
Incident Energy (MeV)

28-Ni-63

MAT 2840

Charged Particle  
293 Kelvin Cross Sections

28-Ni-63



4

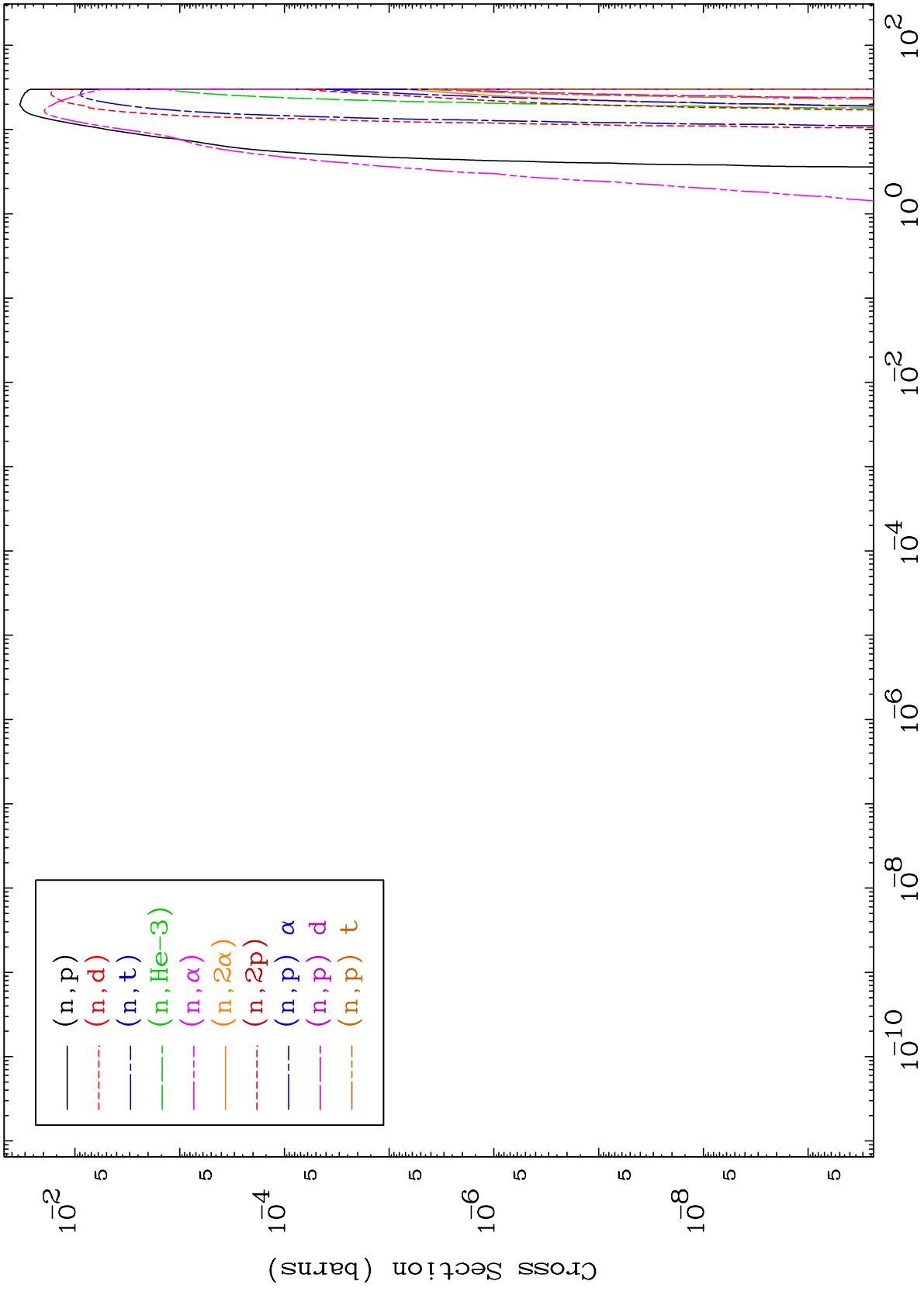
28-Ni-63

28-Ni-63

MAT 2840

Charged Particle  
293 Kelvin Cross Sections

28-Ni-63

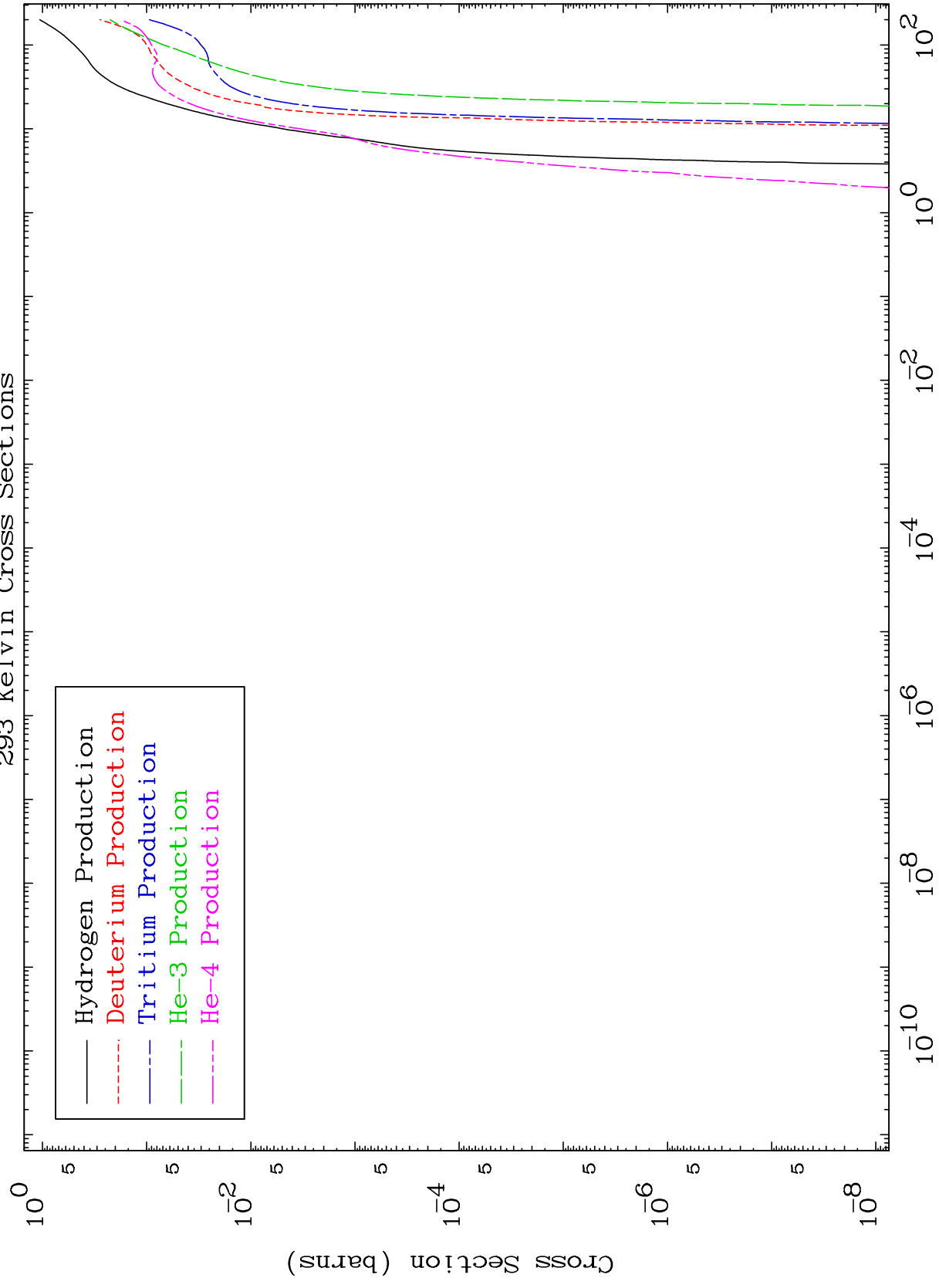


28-Ni-63

MAT 2840

Particle Production  
293 Kelvin Cross Sections

28-Ni-63



6

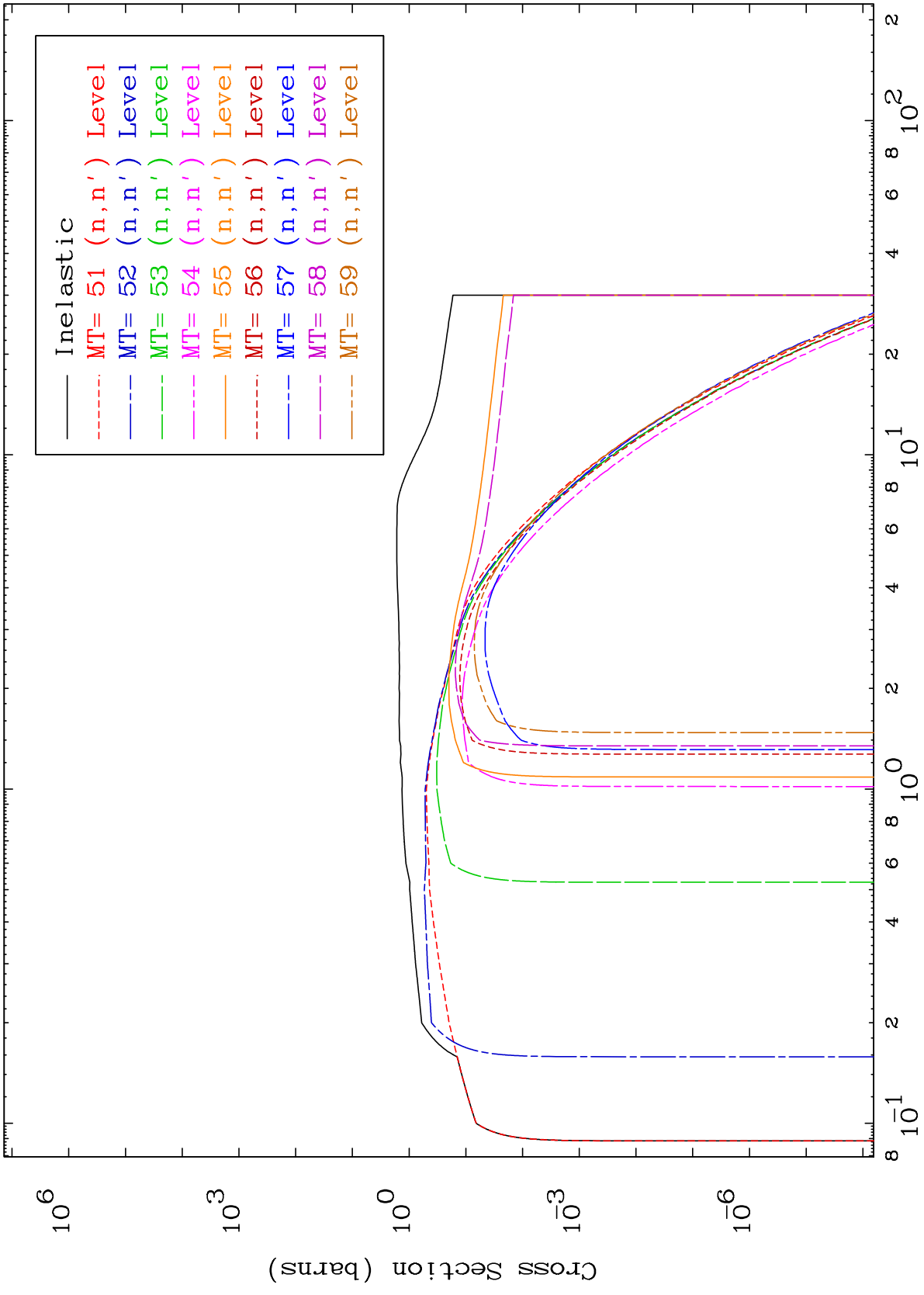
28-Ni-63

MAT 2840

(n,n') Level

28-Ni-63

293 Kelvin Cross Sections



Incident Energy (MeV)

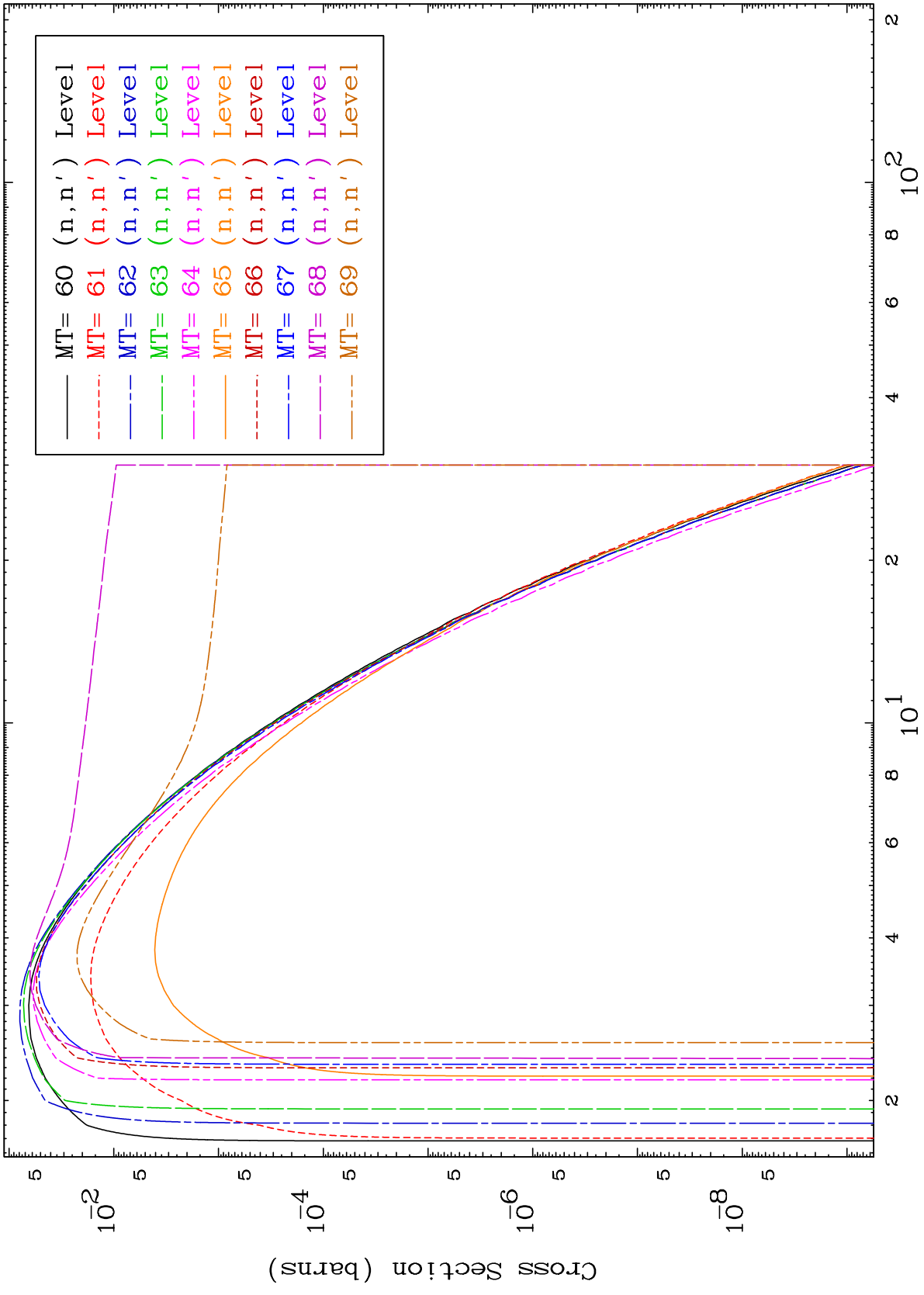
28-Ni-63



MAT 2840

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-63



8

Incident Energy (MeV)

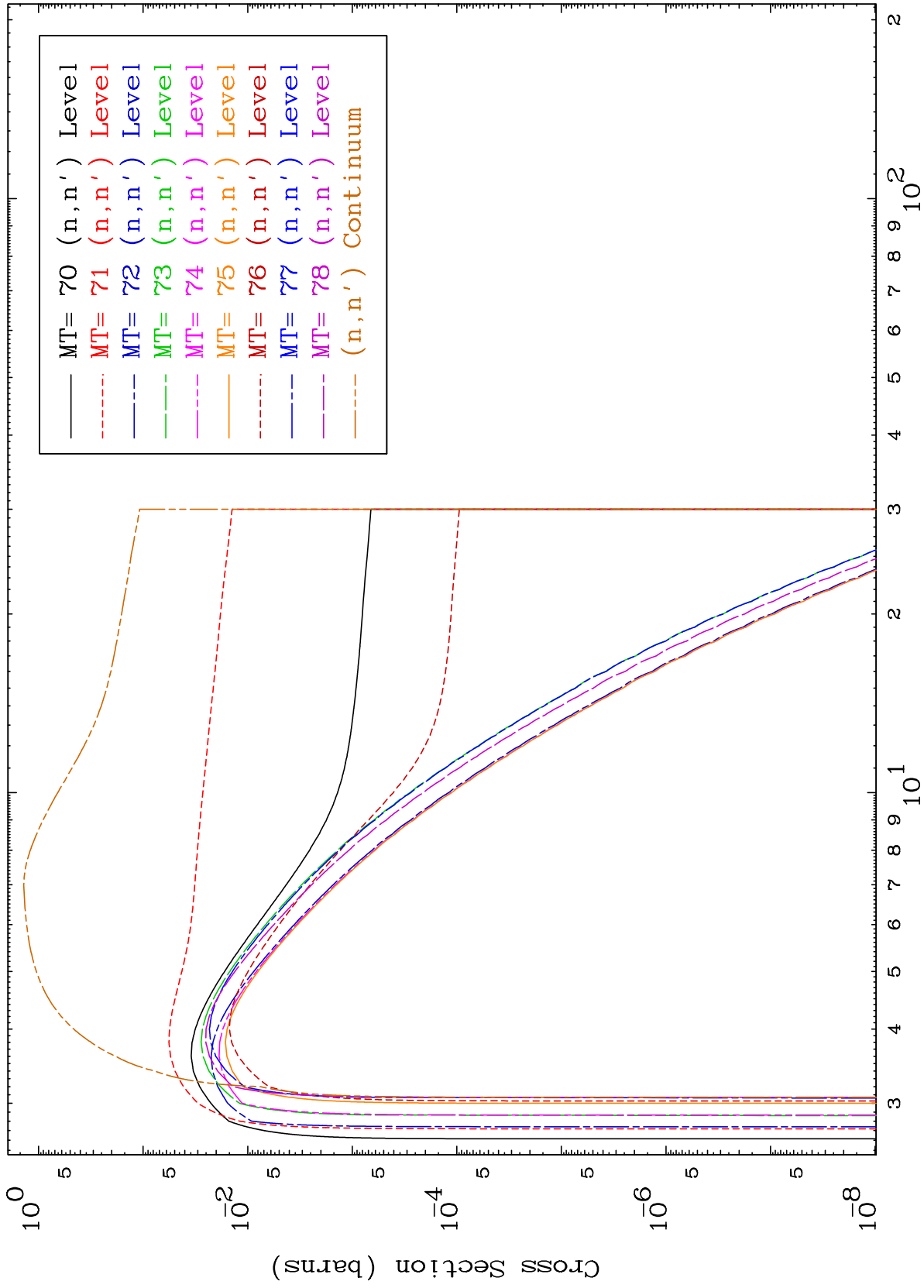
28-Ni-63

MAT 2840

(n,n') Level

28-Ni-63

293 Kelvin Cross Sections



9

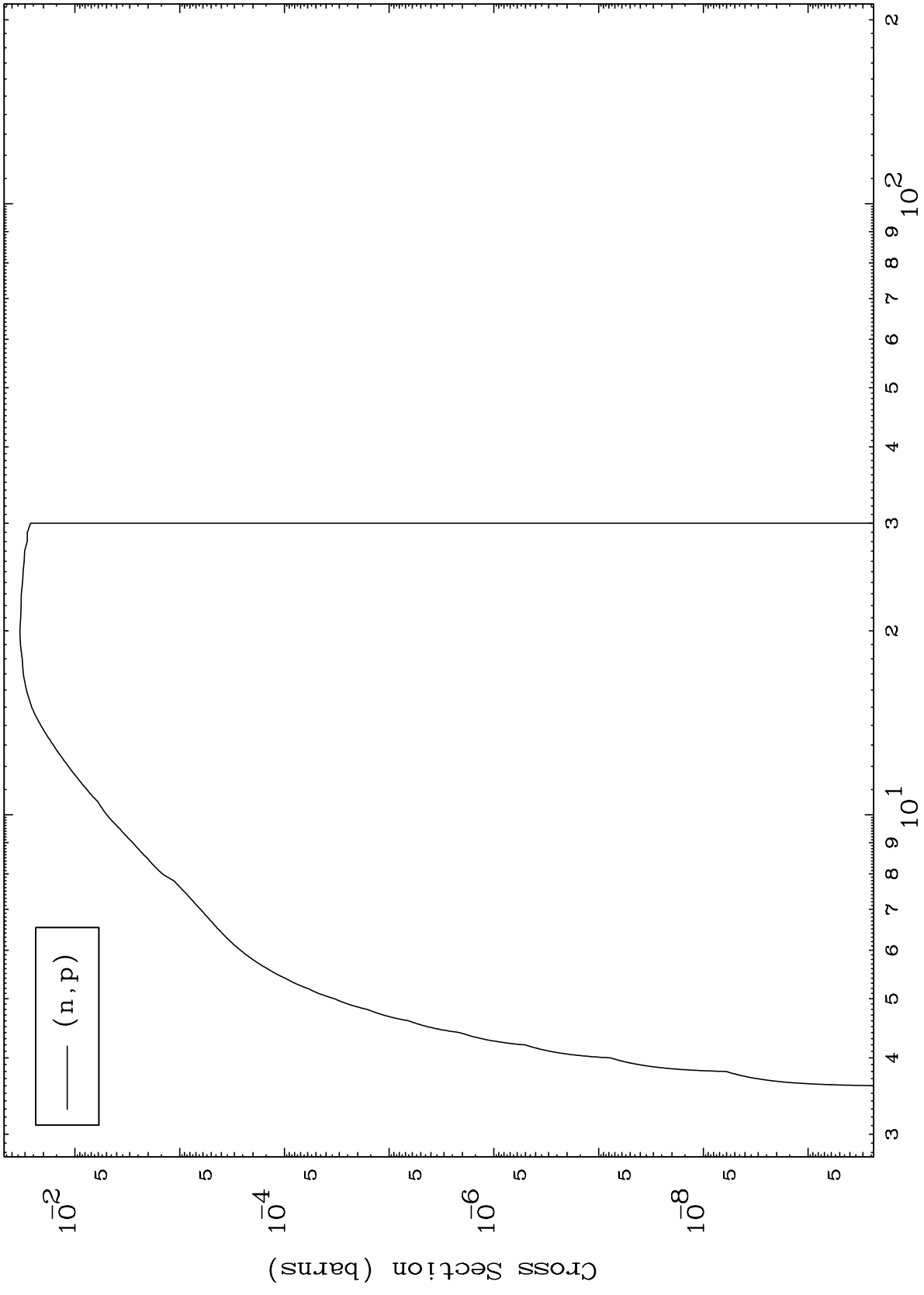
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-63



10

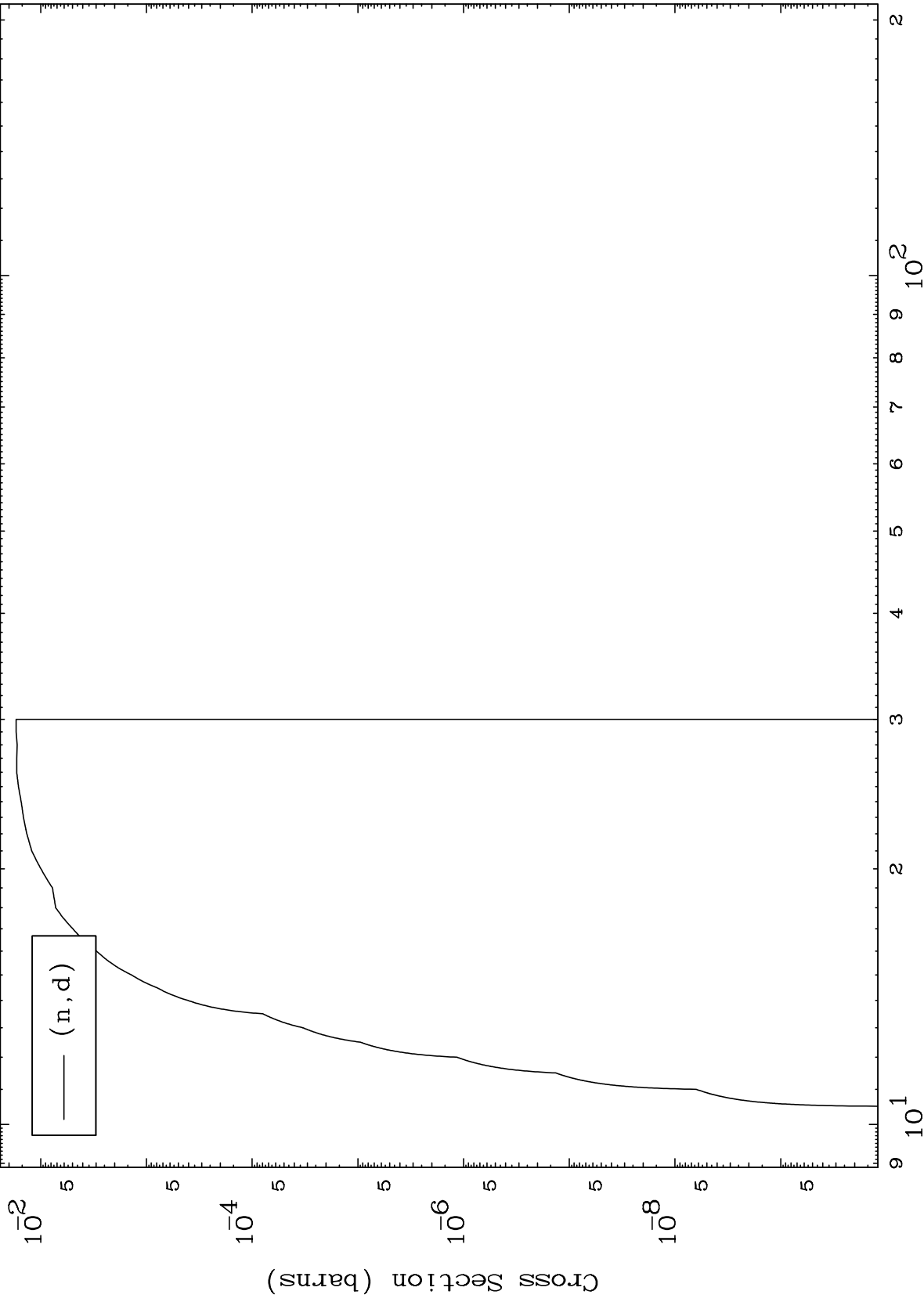
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-63



11

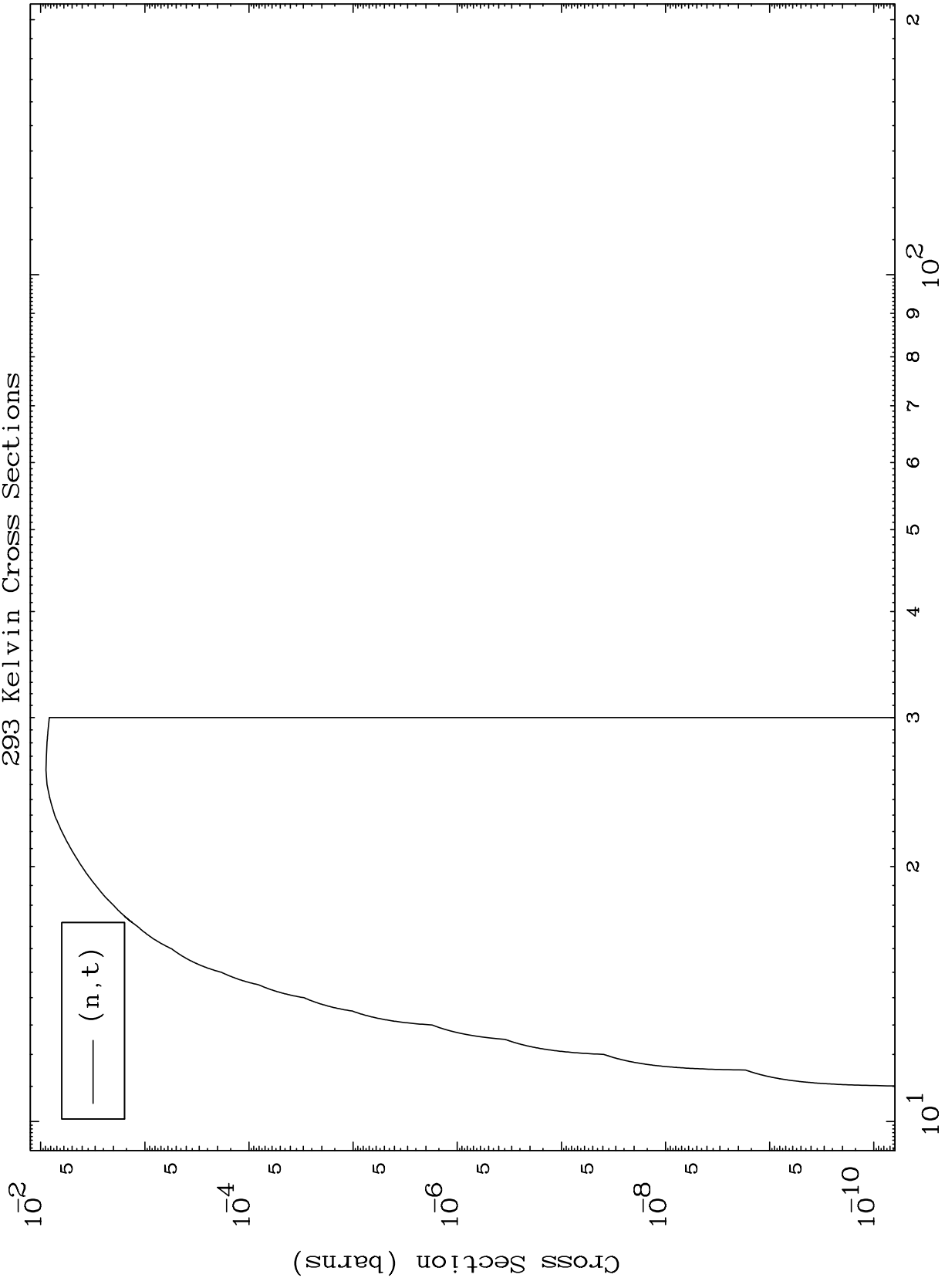
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-63



12

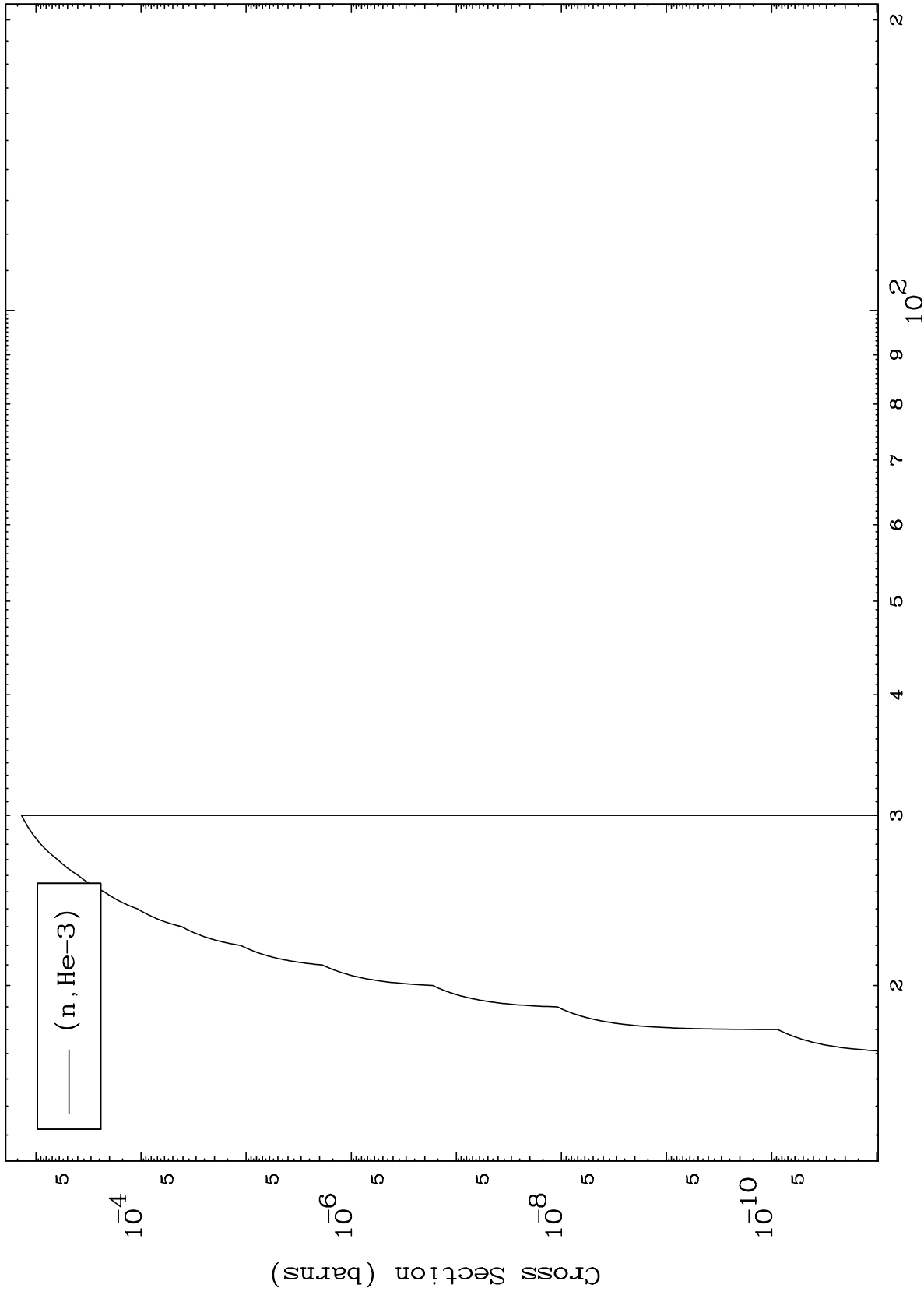
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-63



13

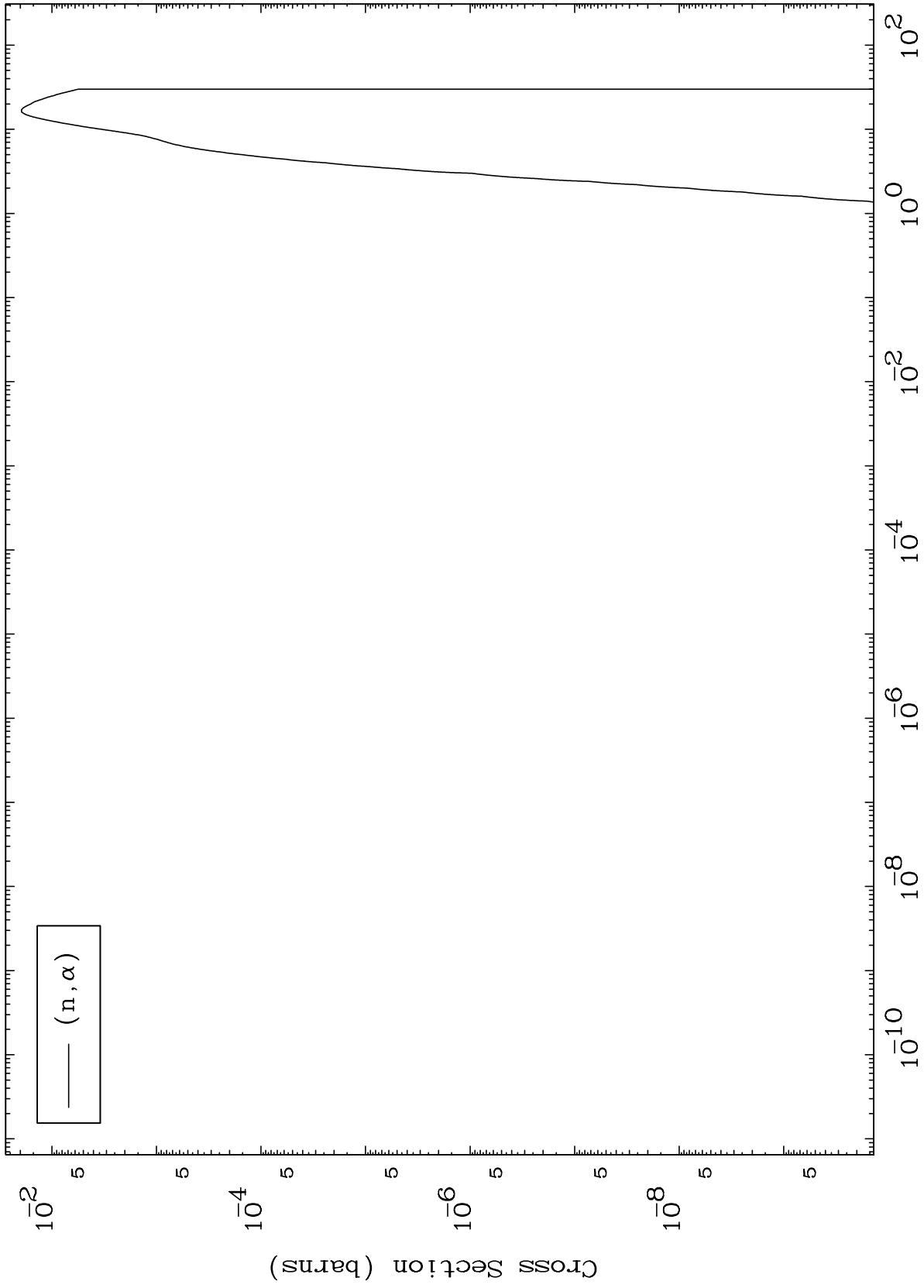
28-Ni-63

28-Ni-63

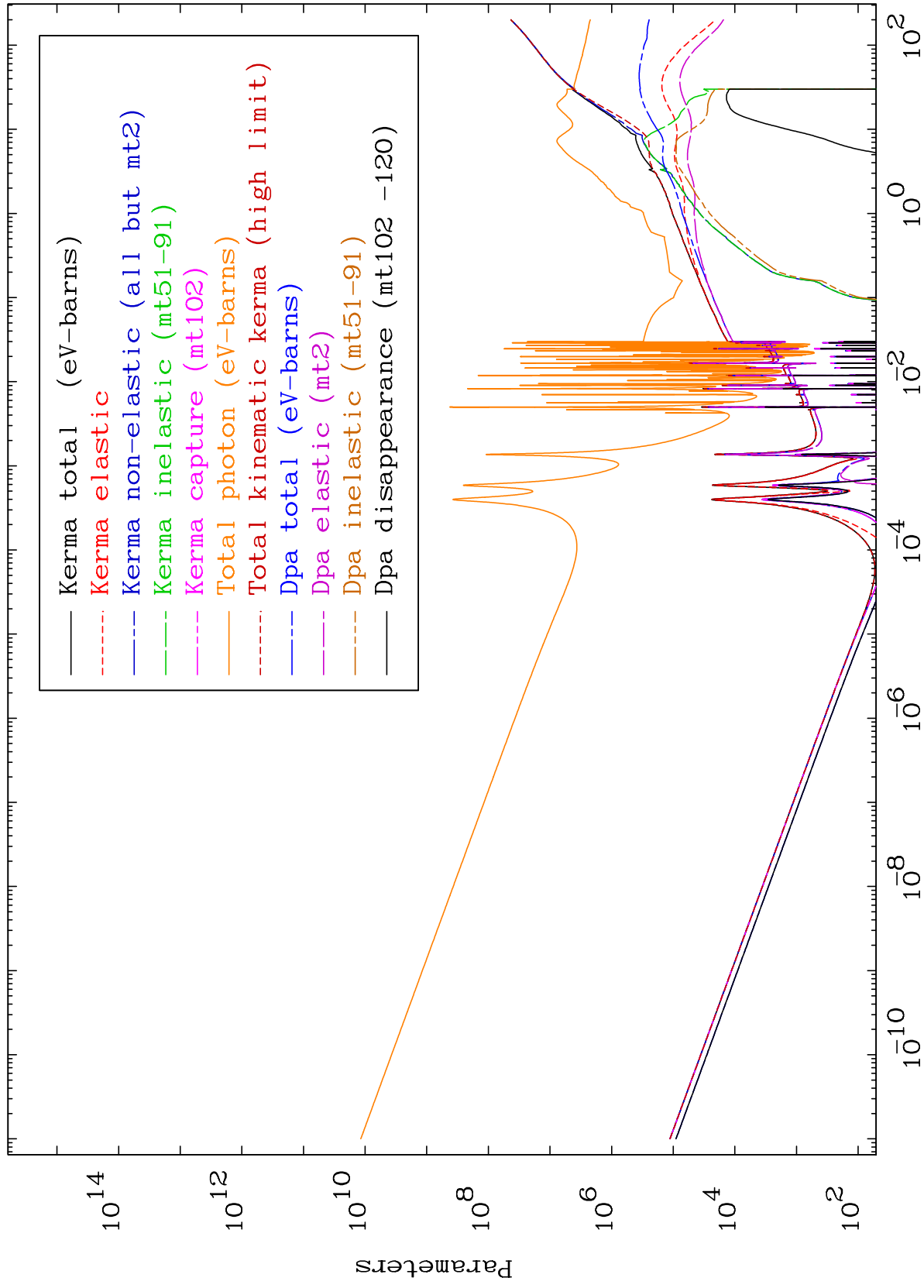
MAT 2840

(n,α) Levels  
293 Kelvin Cross Sections

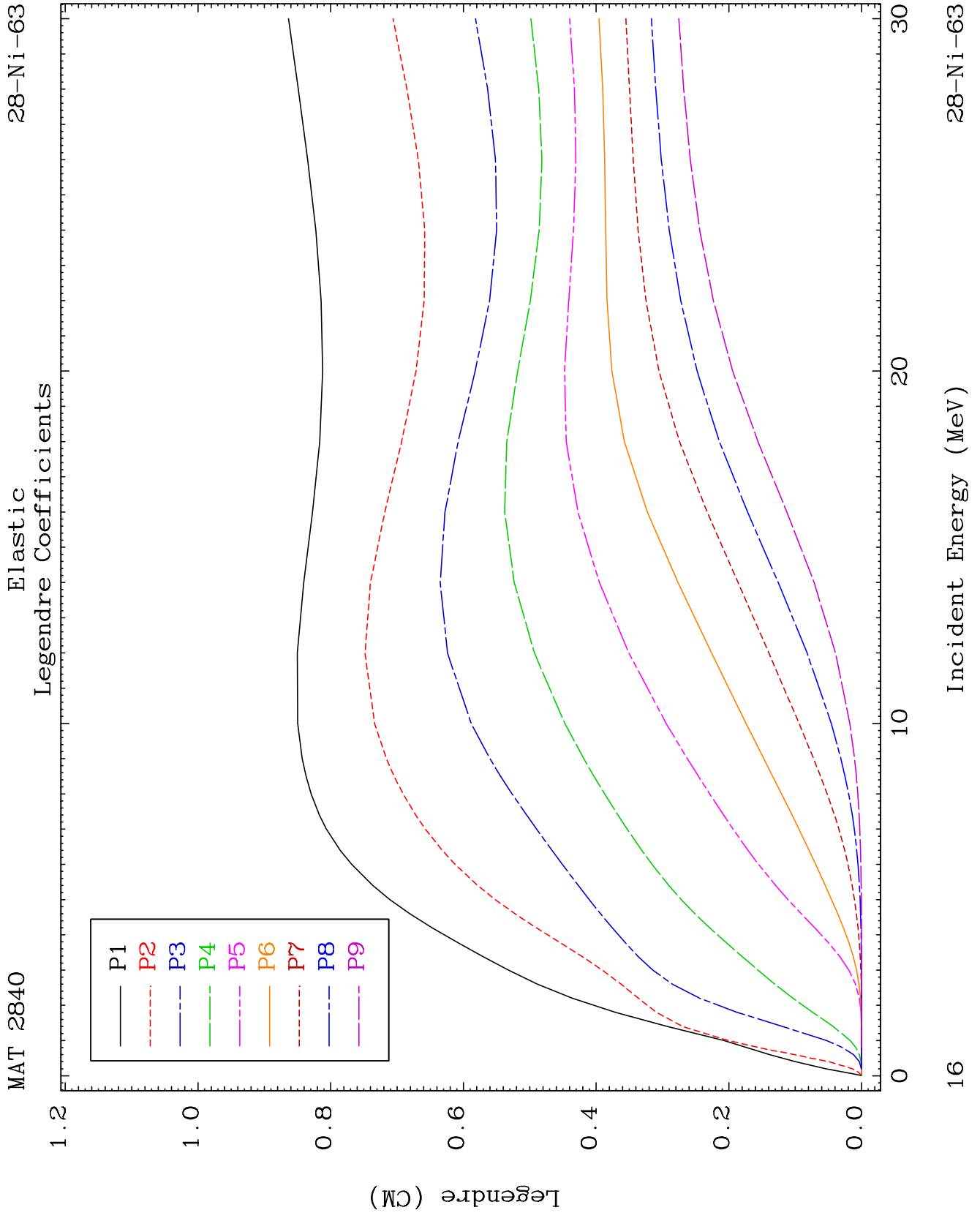
28-Ni-63



28-Ni-63



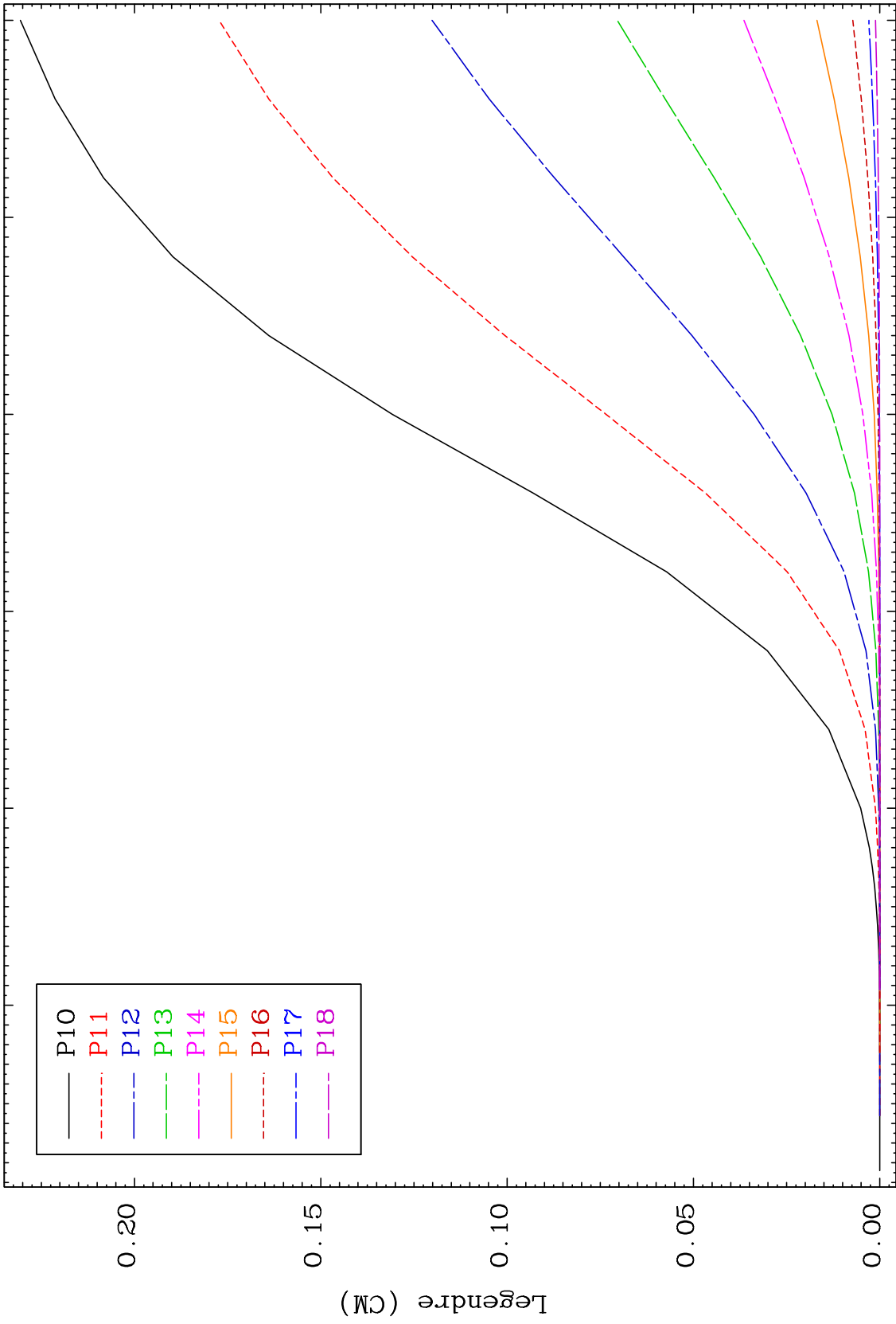




MAT 2840

Elastic Legendre Coefficients

28-Ni-63



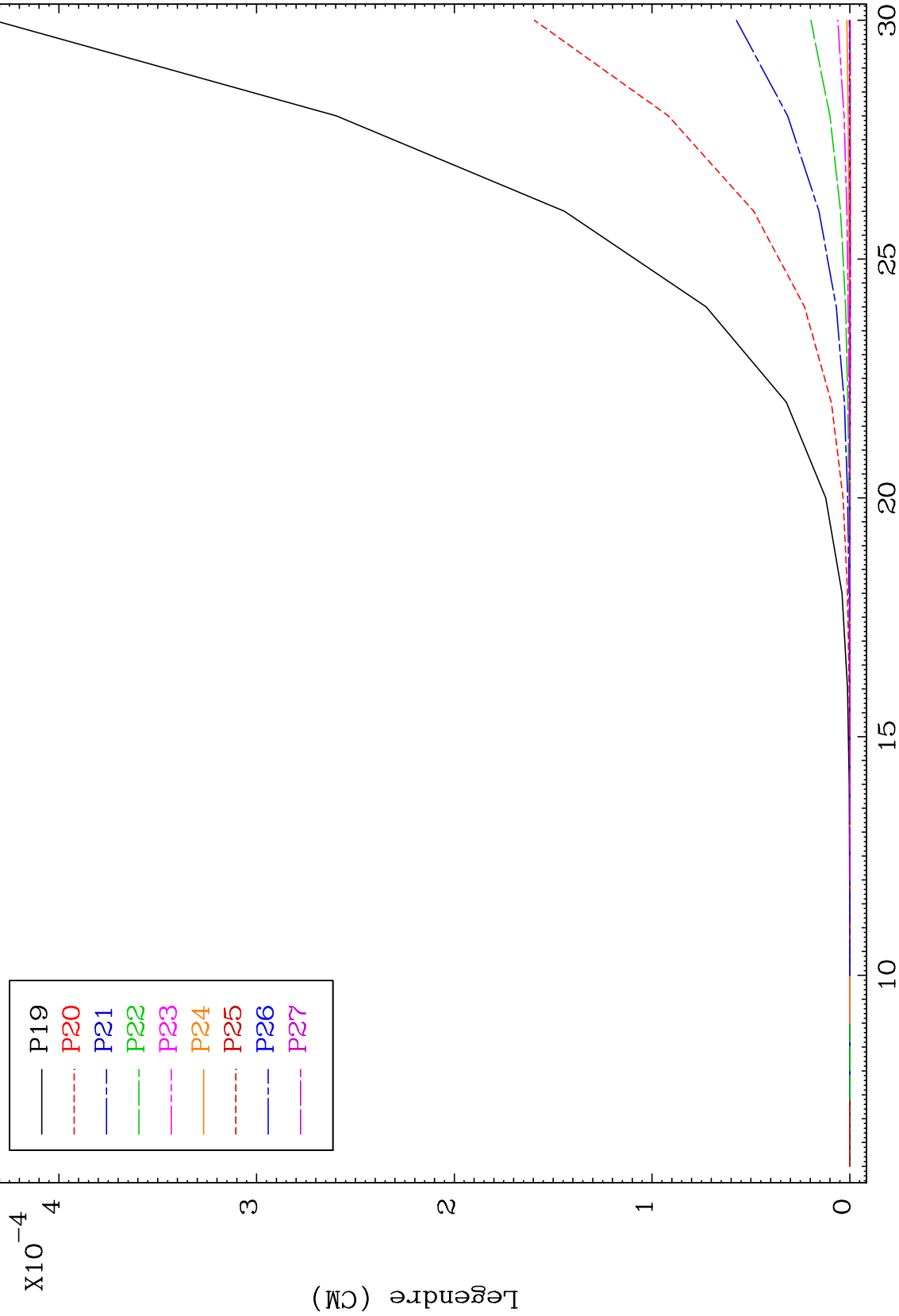
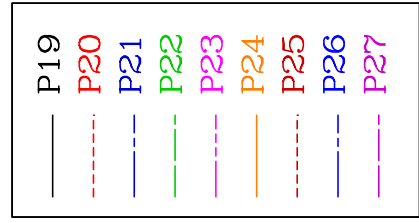
17

28-Ni-63

MAT 2840

### Elastic Legendre Coefficients

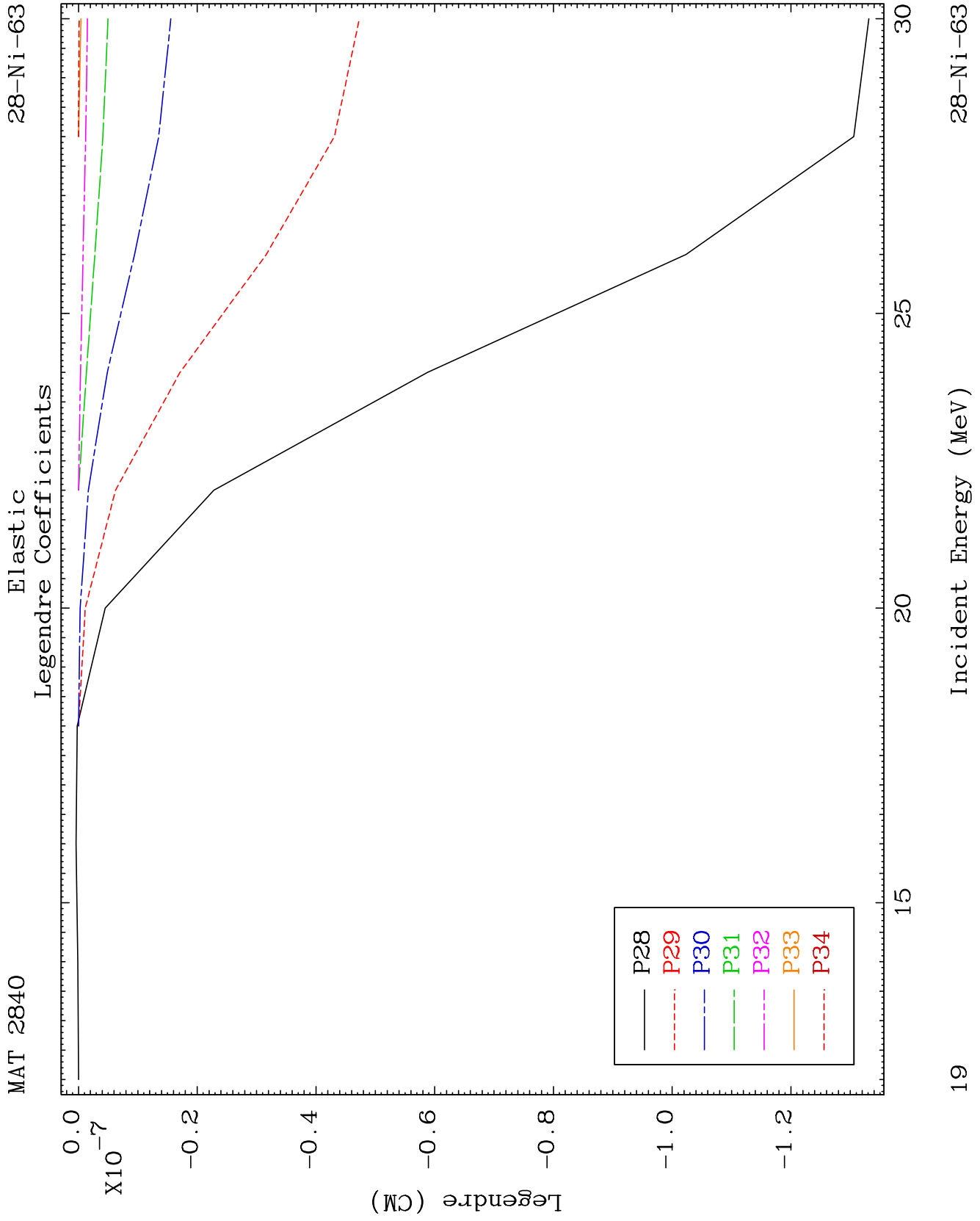
<sup>28</sup>Ni-63



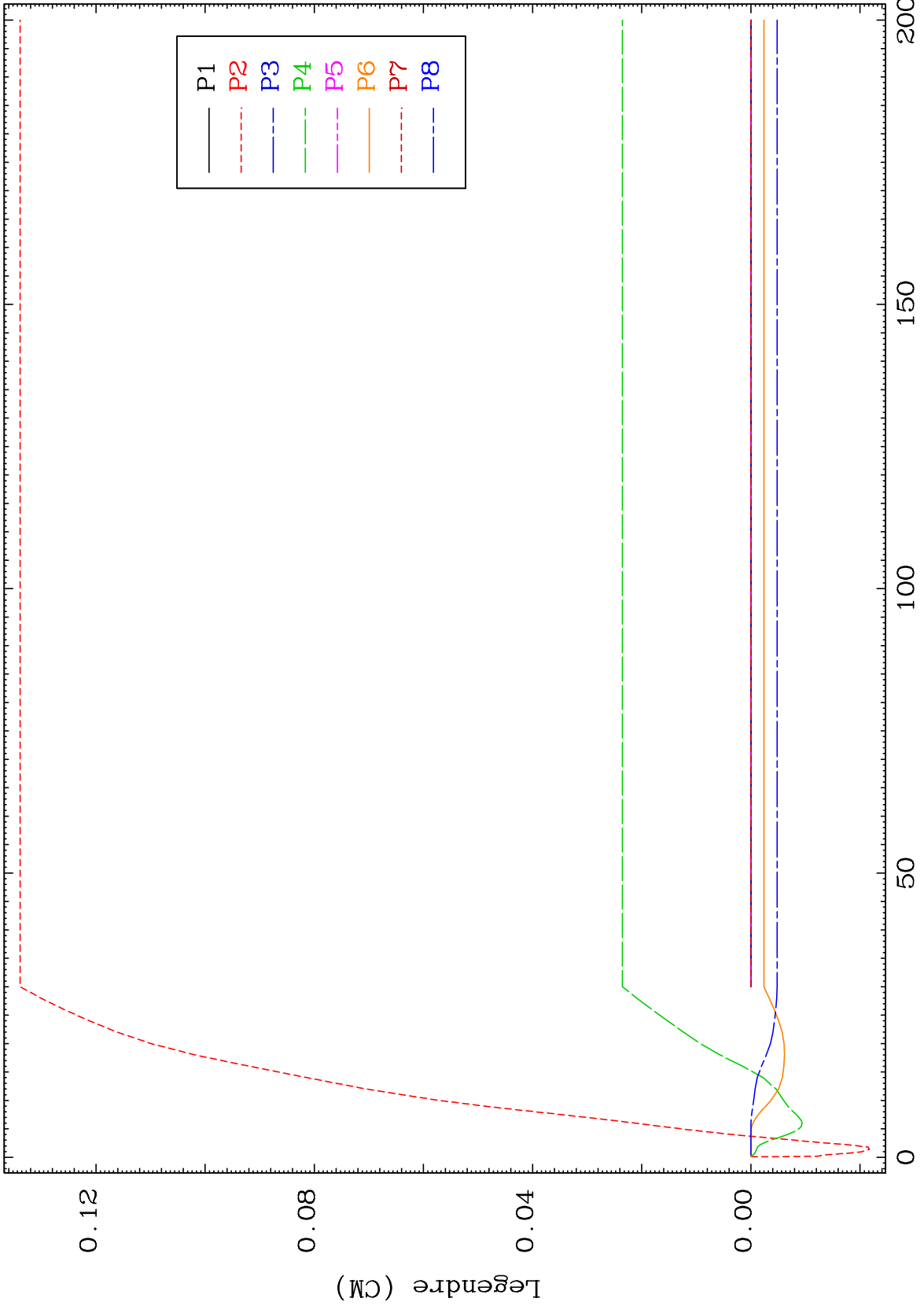
18

Incident Energy (MeV)

<sup>28</sup>Ni-63

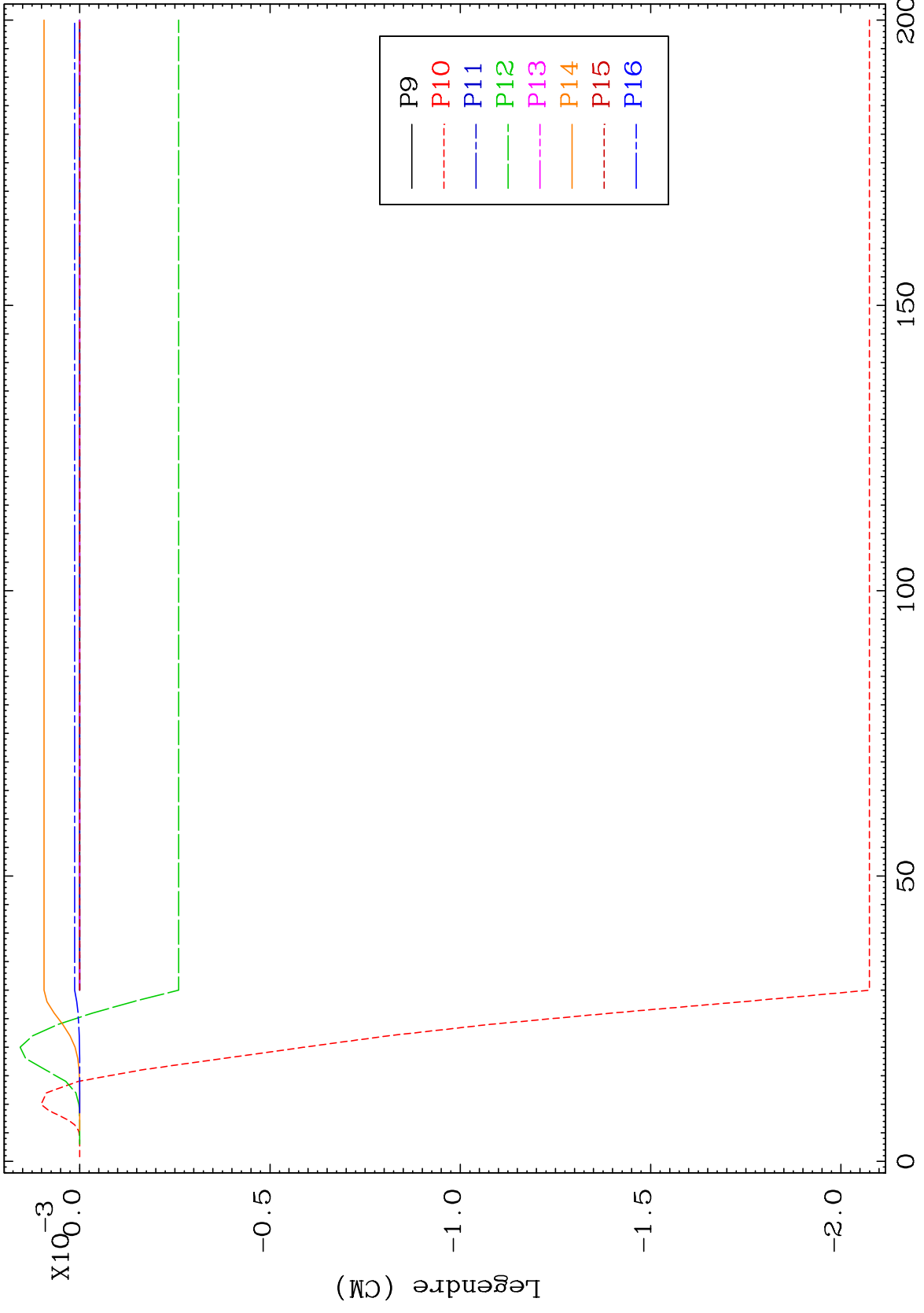


MAT 2840 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-63



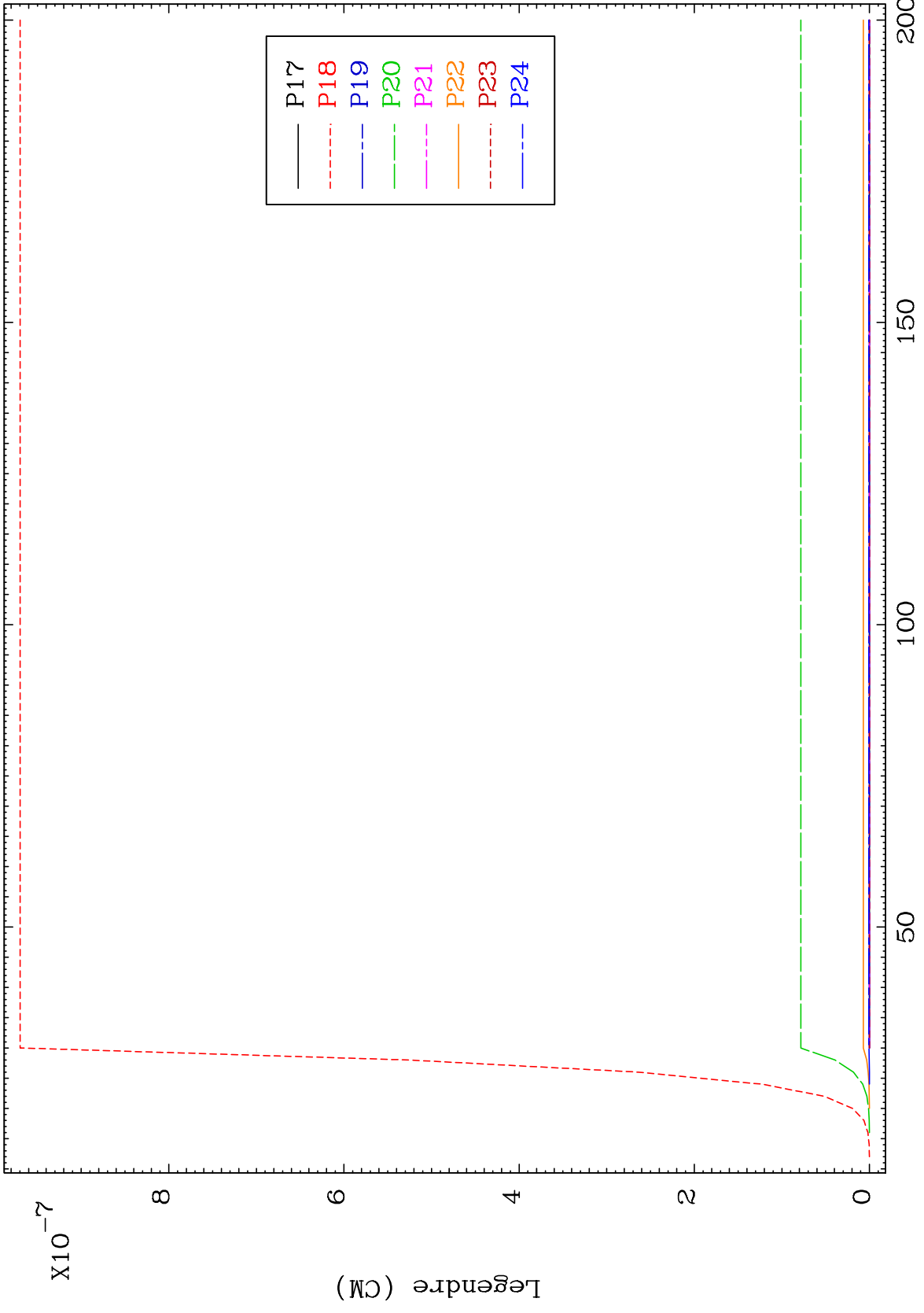
28-Ni-63

MAT 2840 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-63



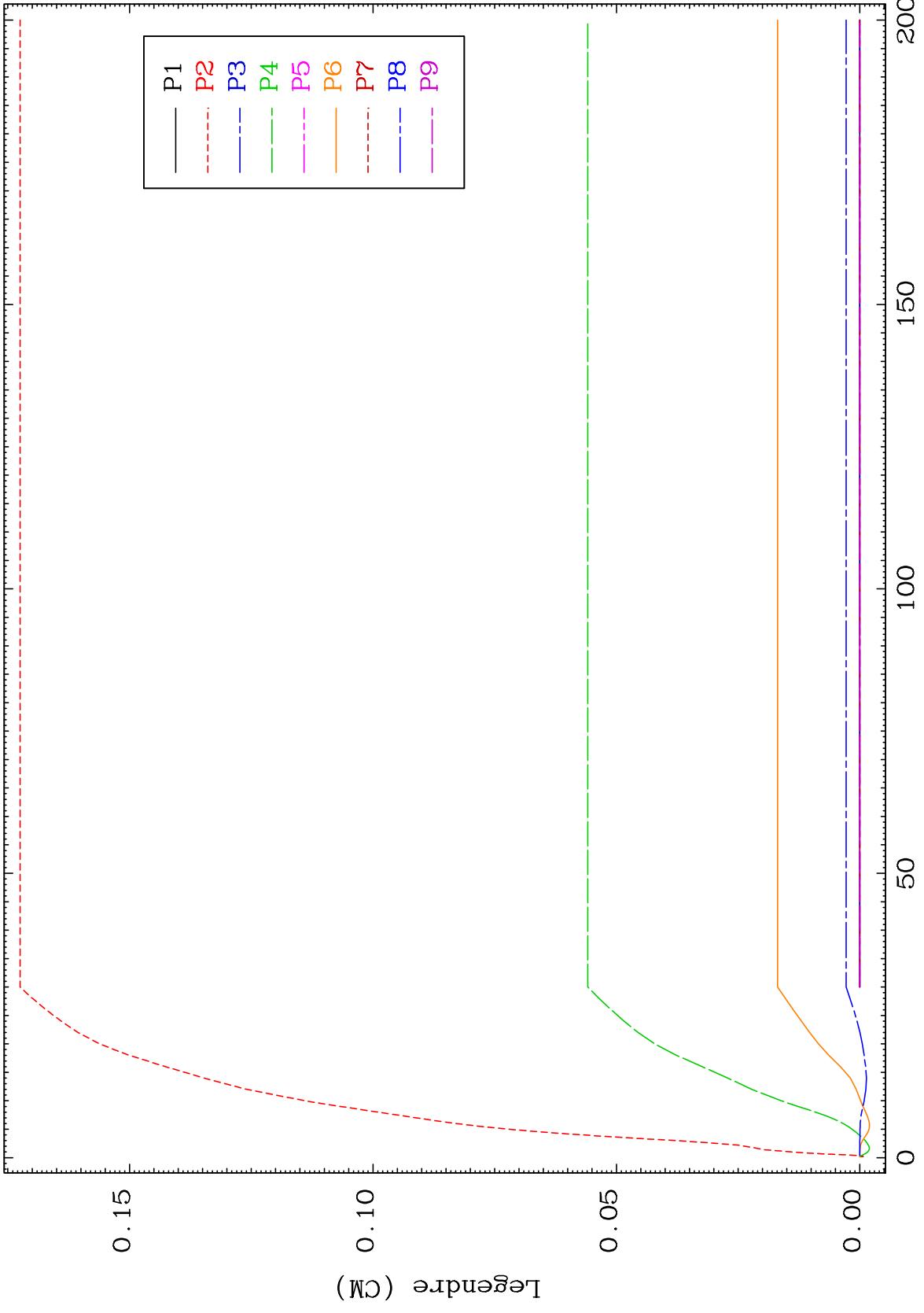
21 28-Ni-63

MAT 2840 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-63



28-Ni-63

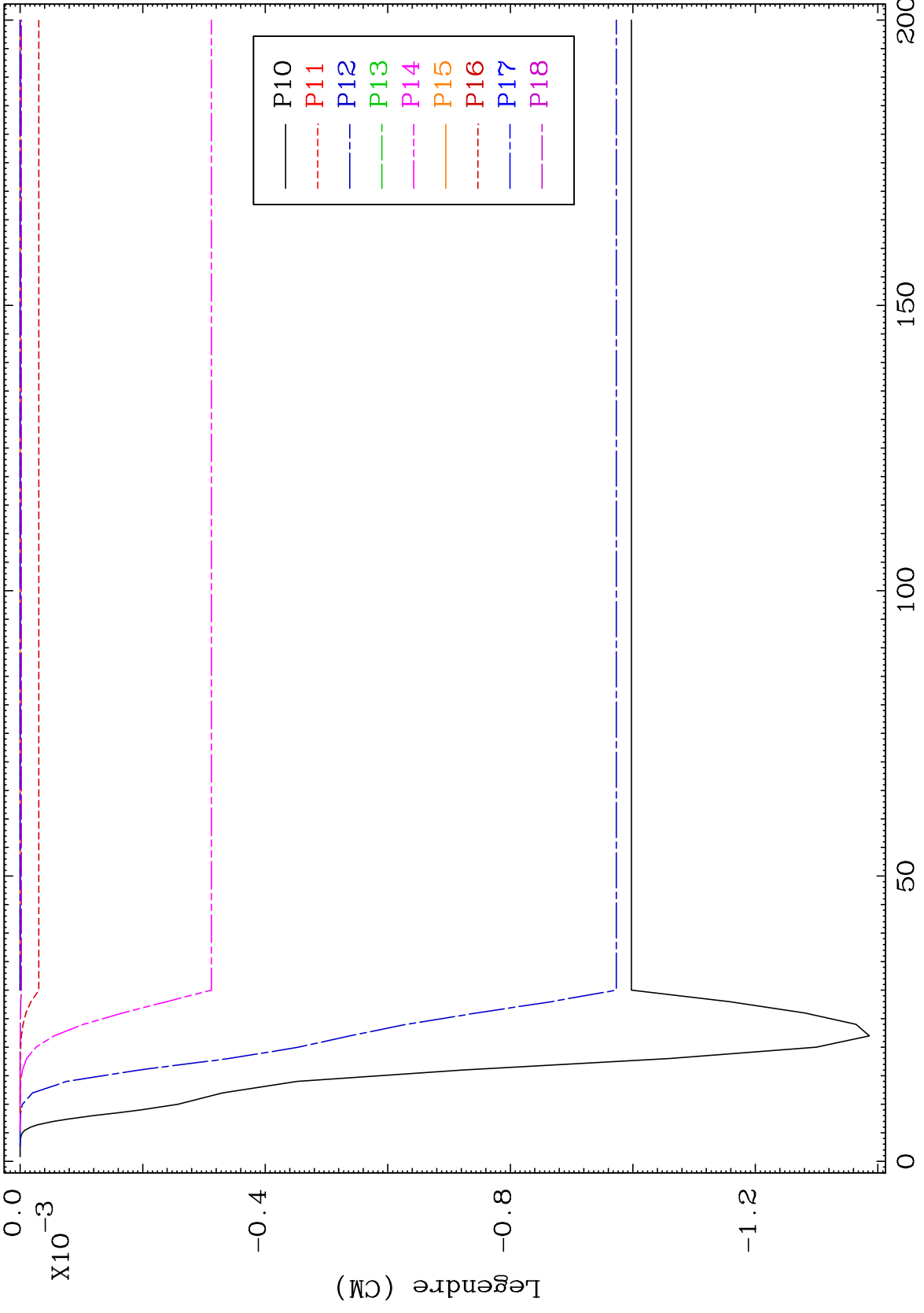
MAT 2840 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-63



23 28-Ni-63



MAT 2840 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-63

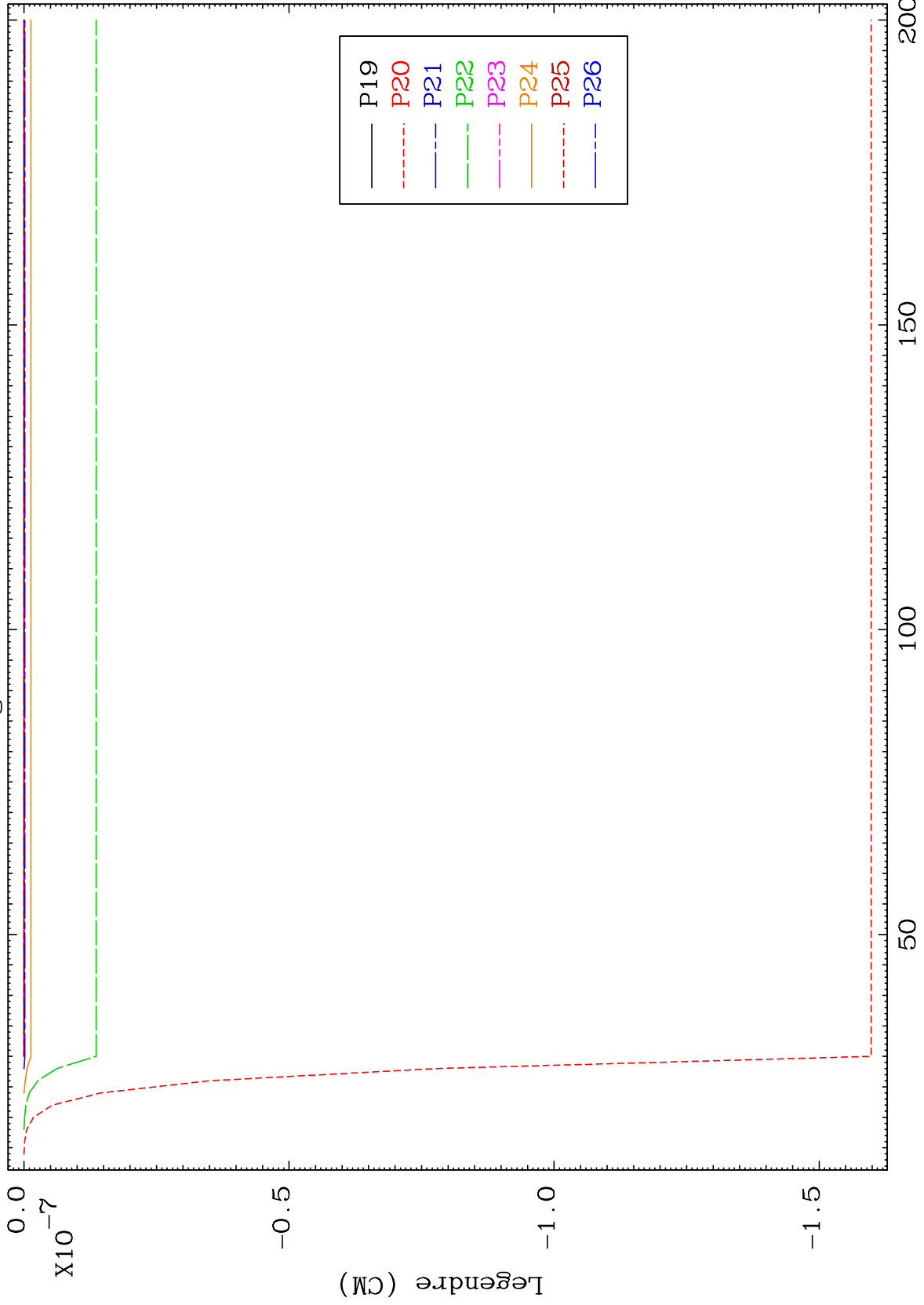


24 28-Ni-63

MAT 2840

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

28-Ni-63

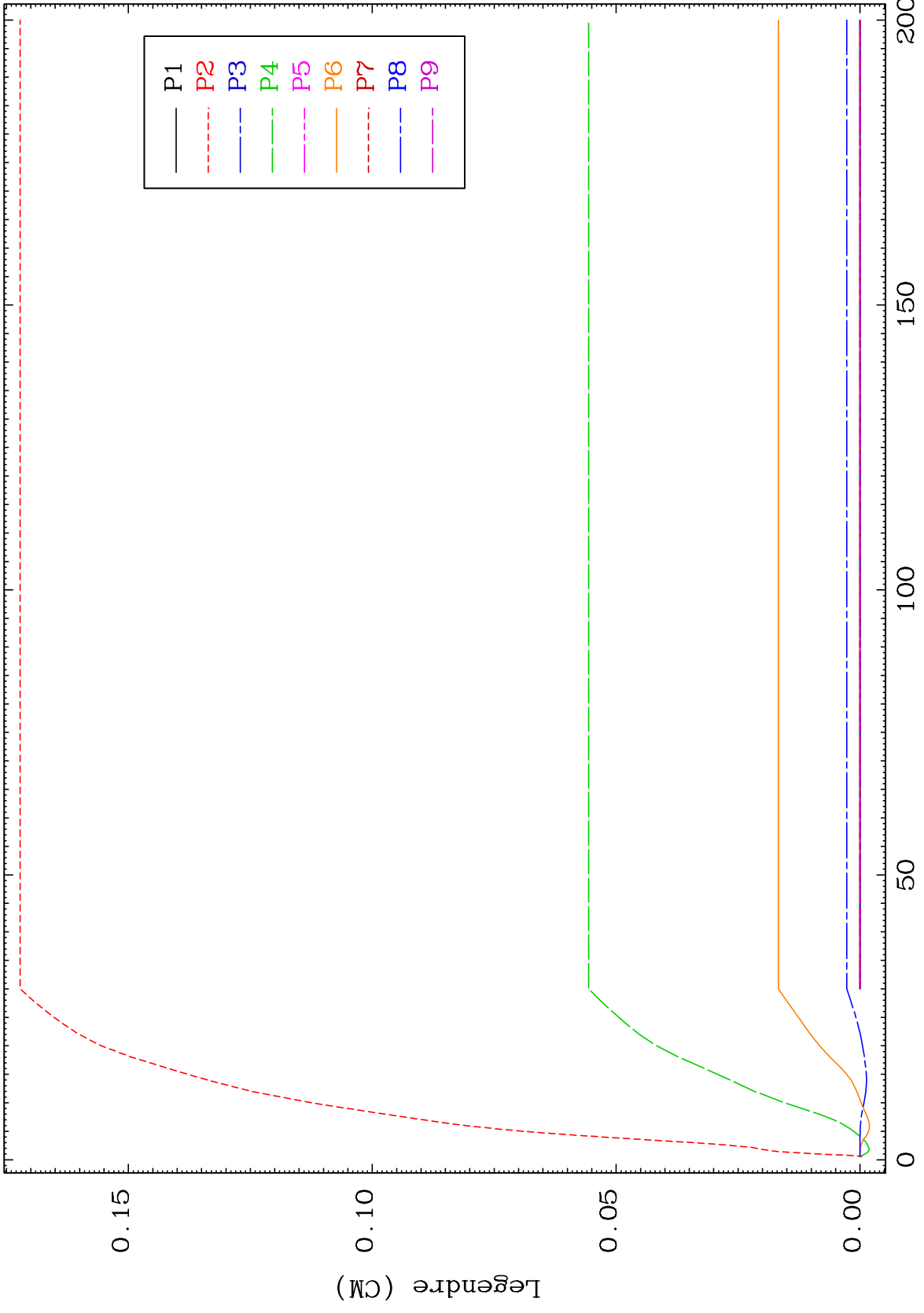


28-Ni-63

Incident Energy (MeV)

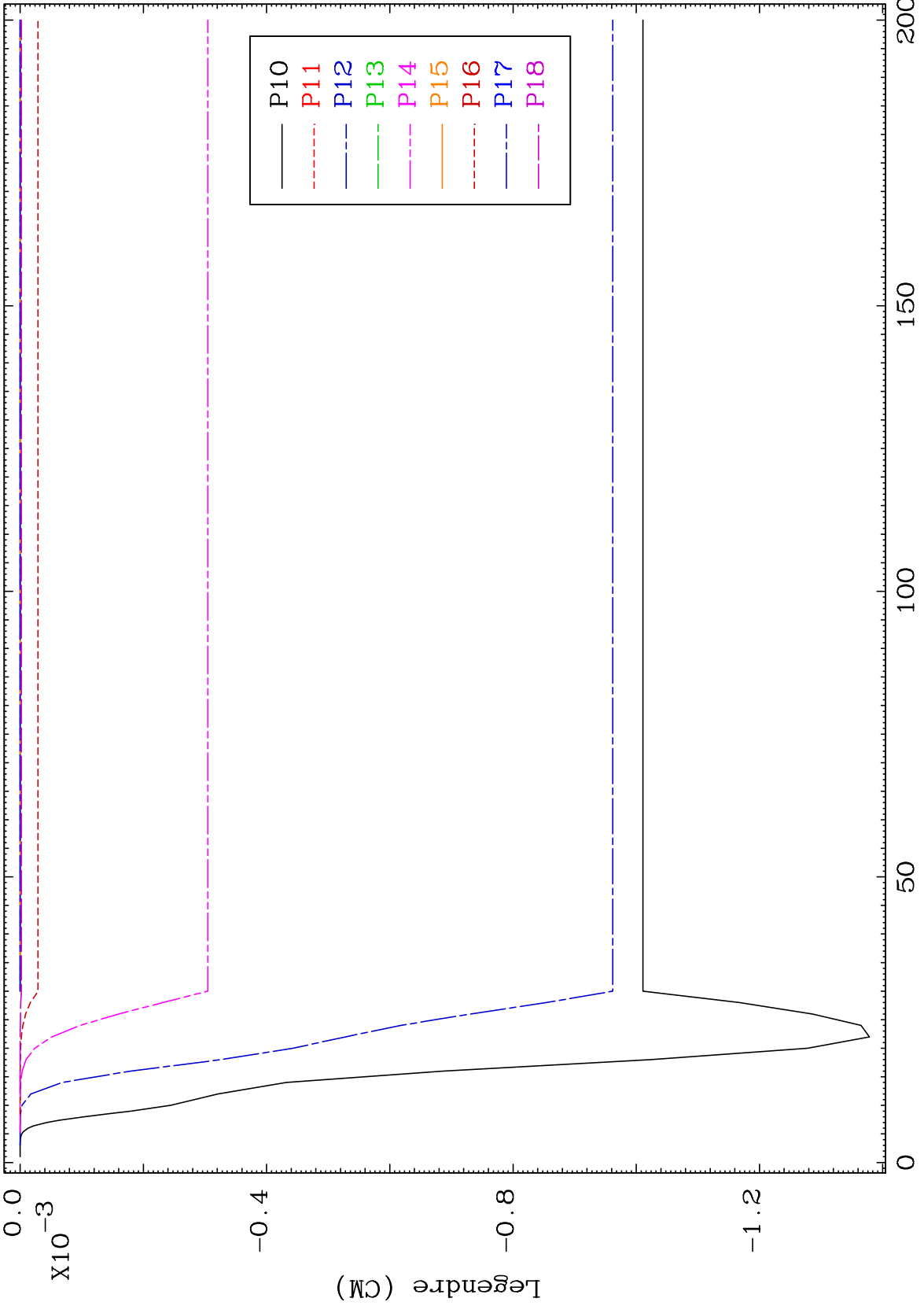
25

MAT 2840 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-63



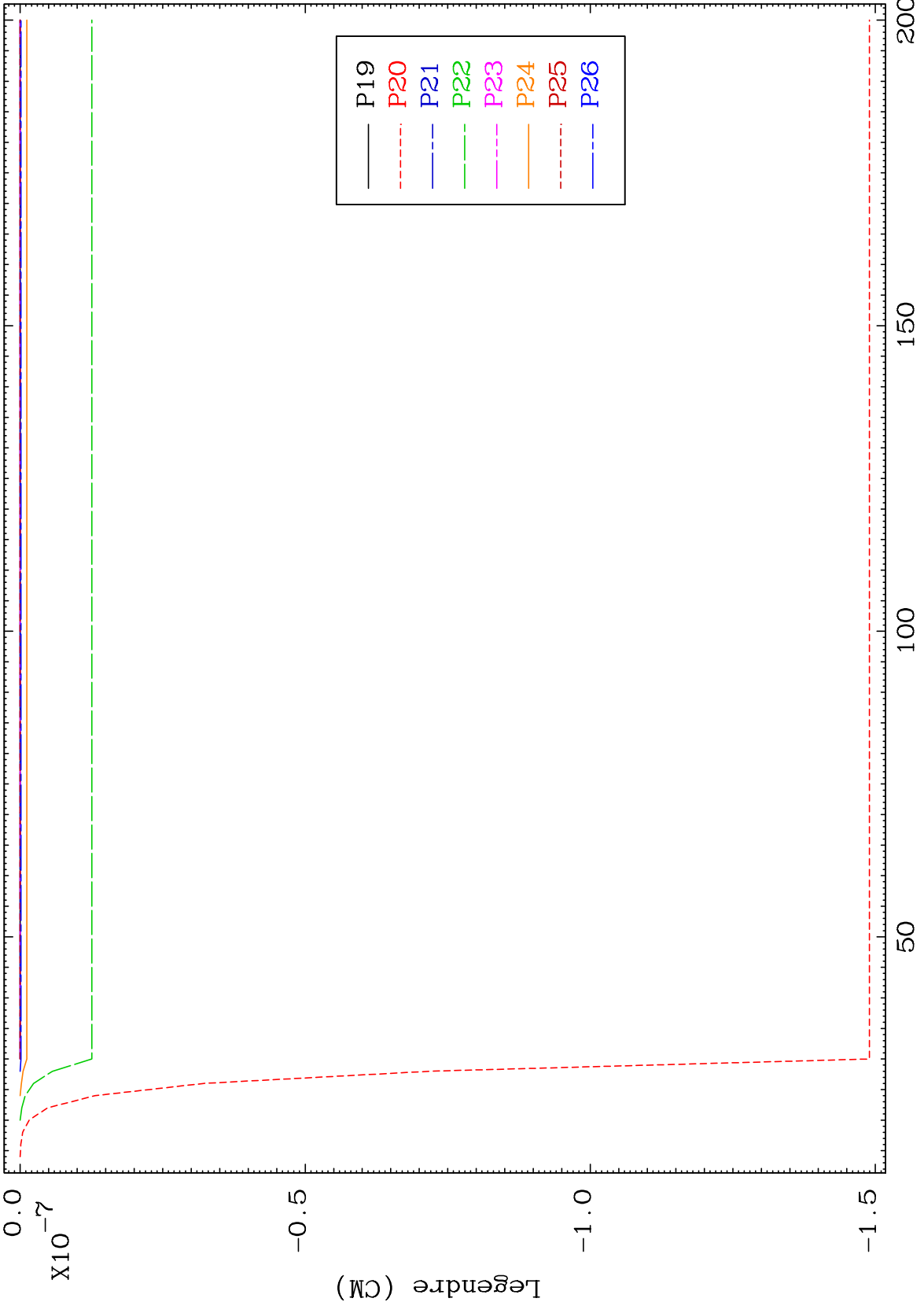
26 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-63



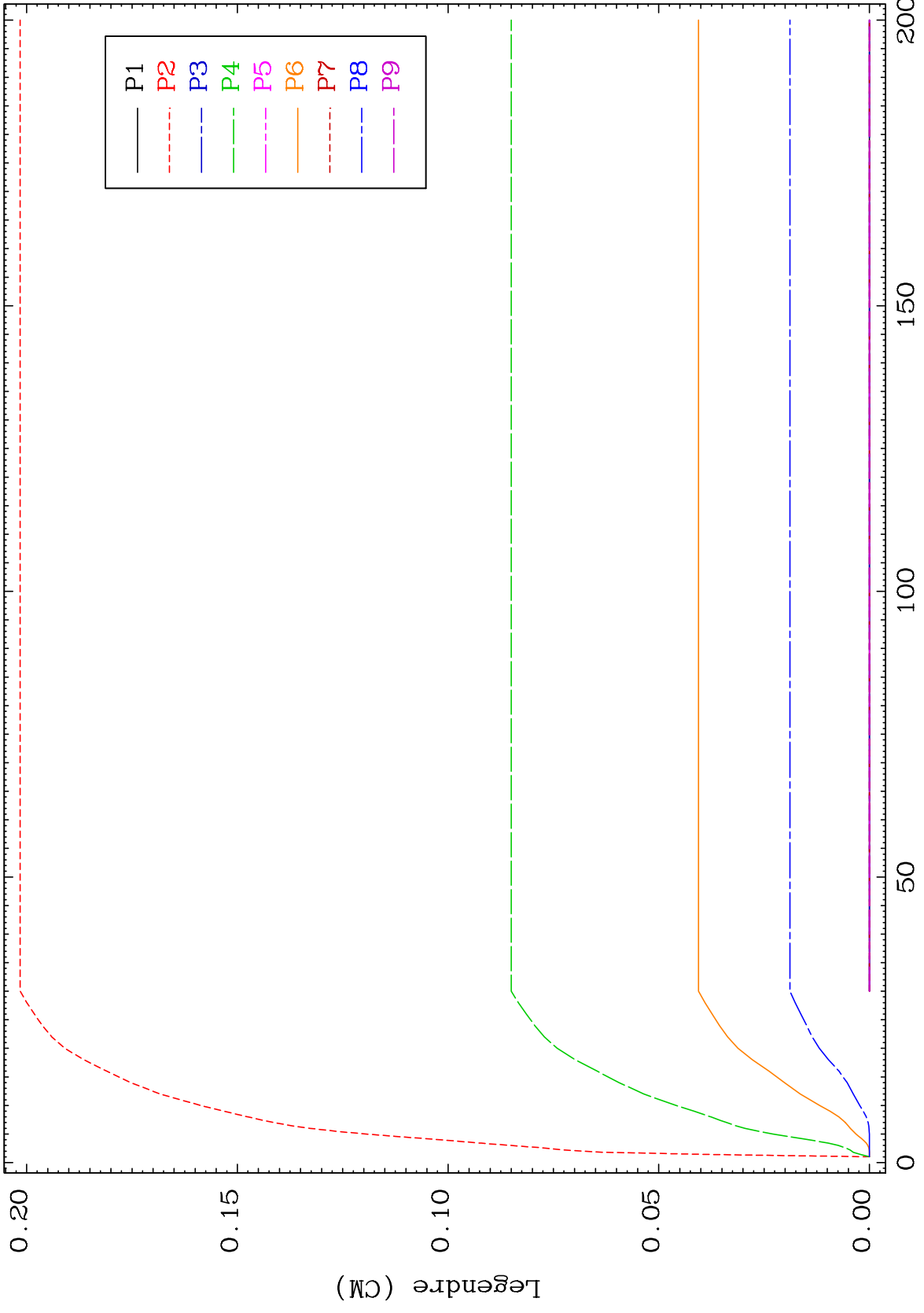
27 28-Ni-63

MAT 2840 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-63



28 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-63

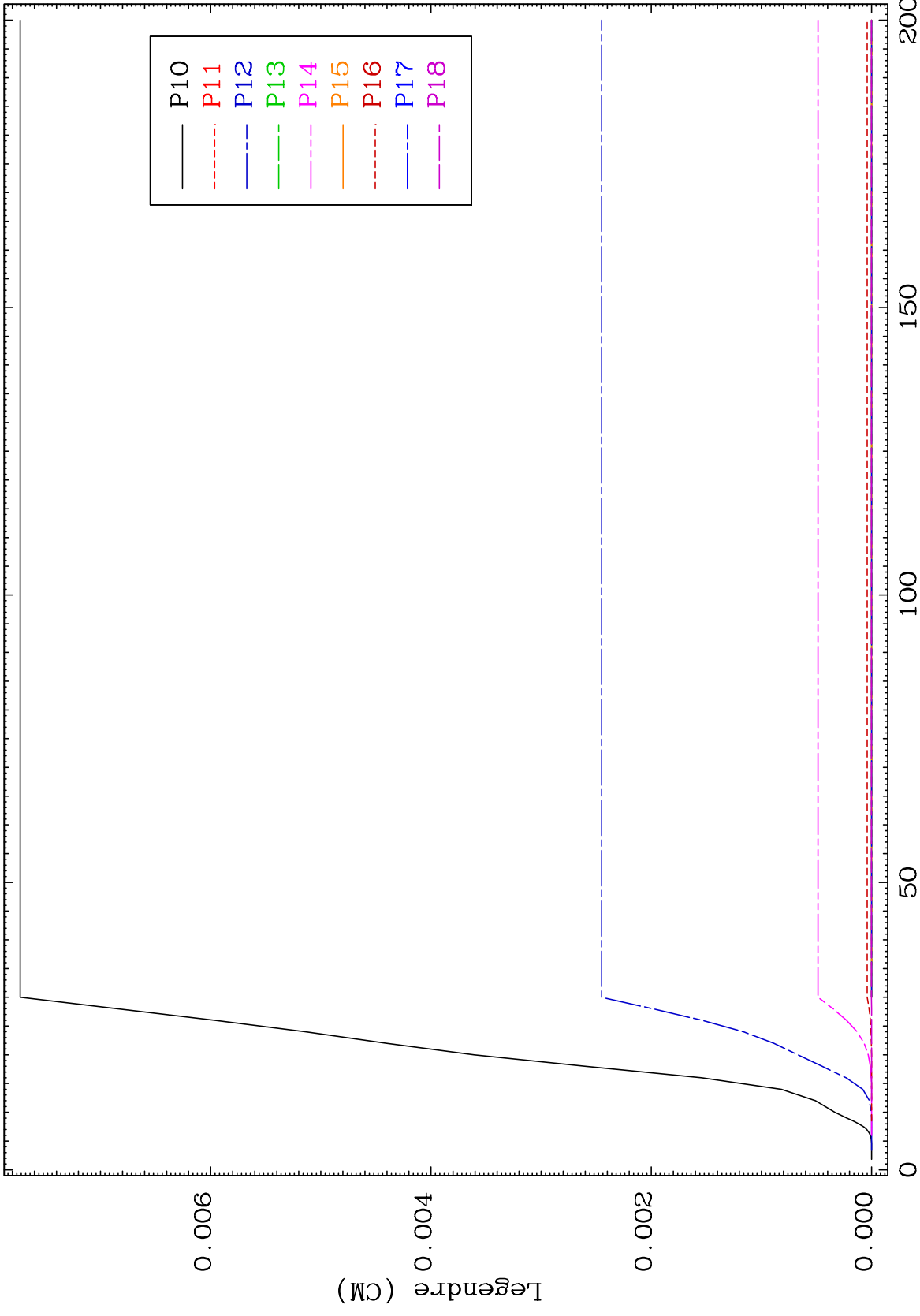


28-Ni-63

MAT 2840

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

28-Ni-63

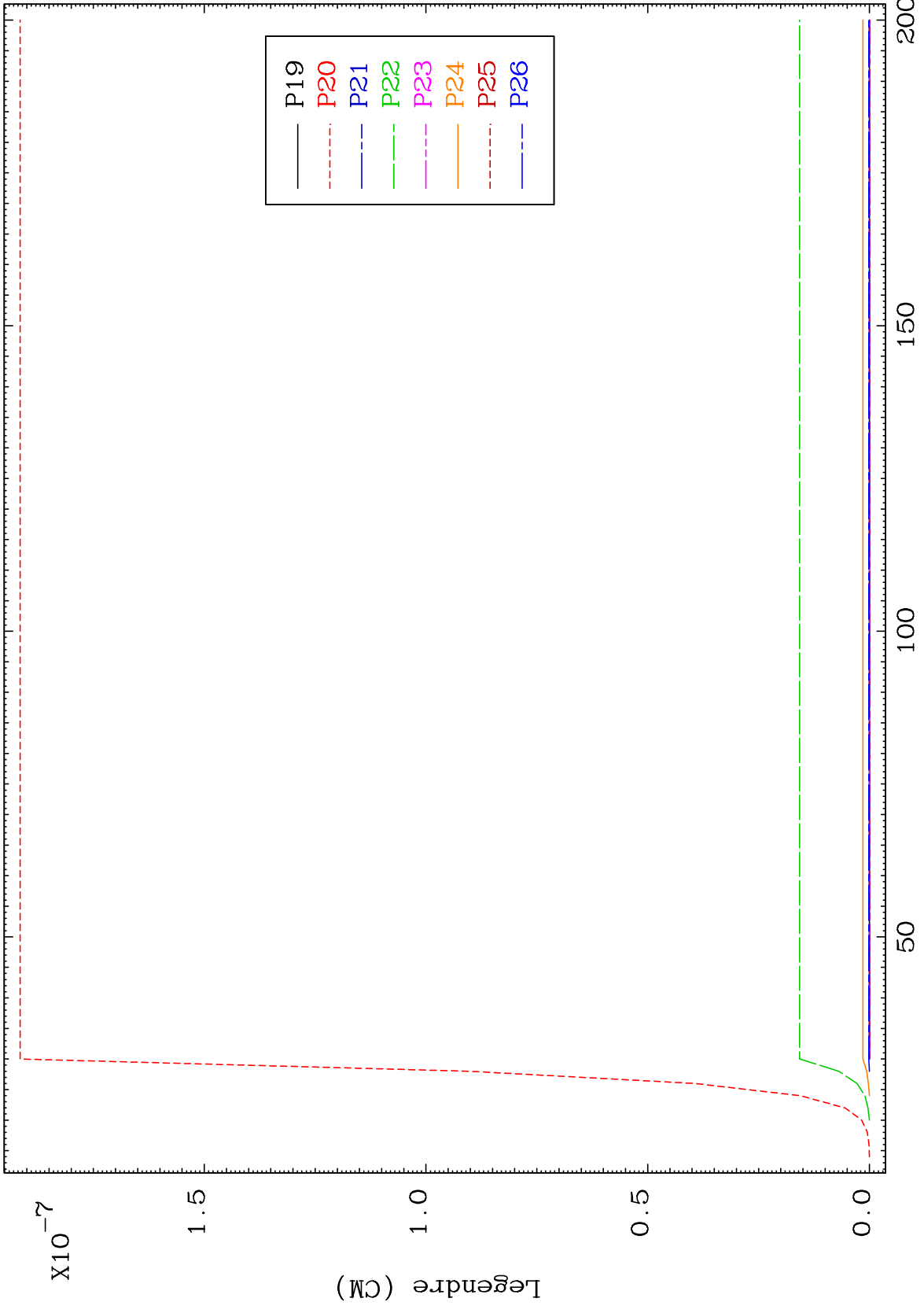


28-Ni-63

Incident Energy (MeV)

30

MAT 2840 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-63



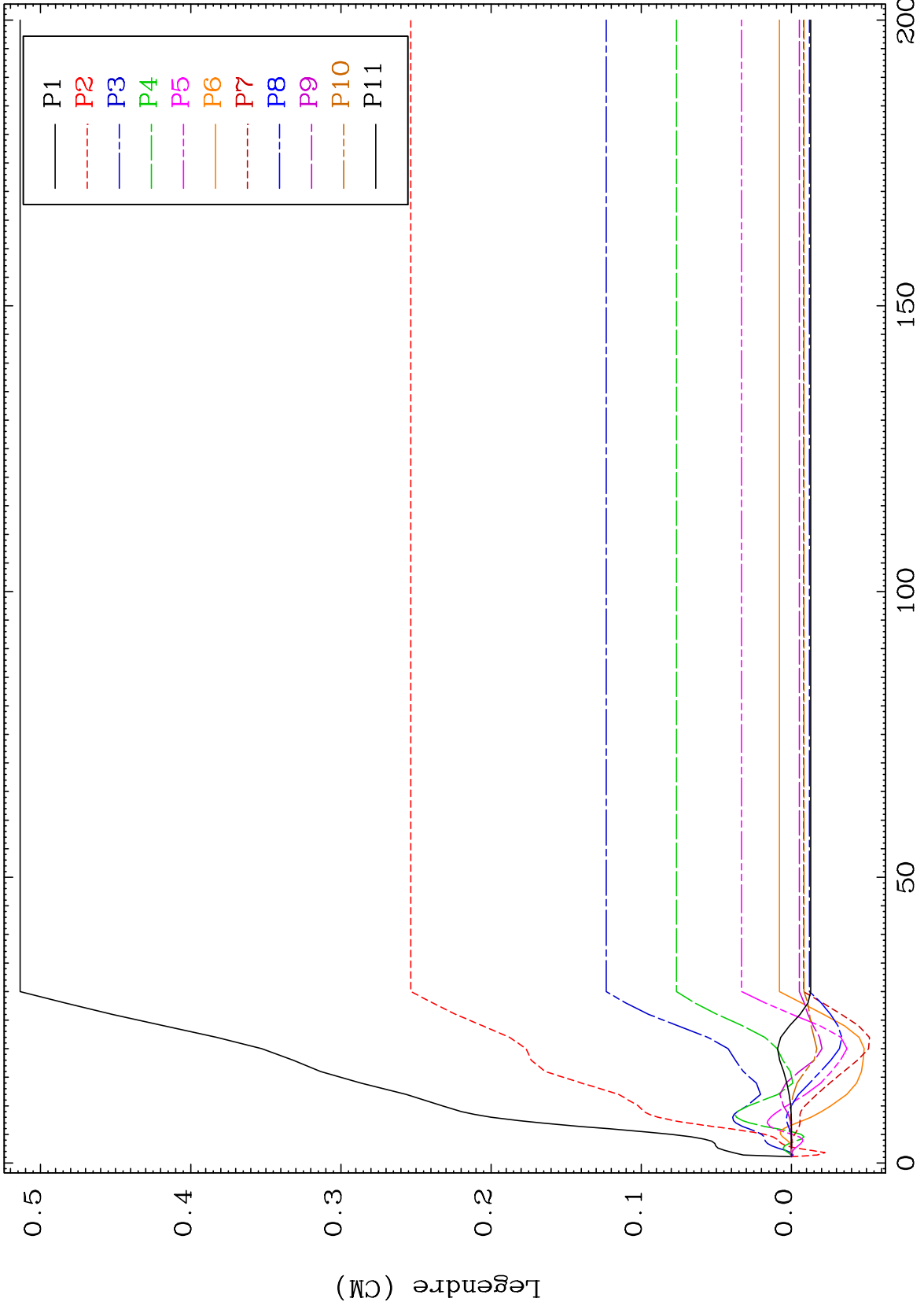
31 28-Ni-63



MAT 2840

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

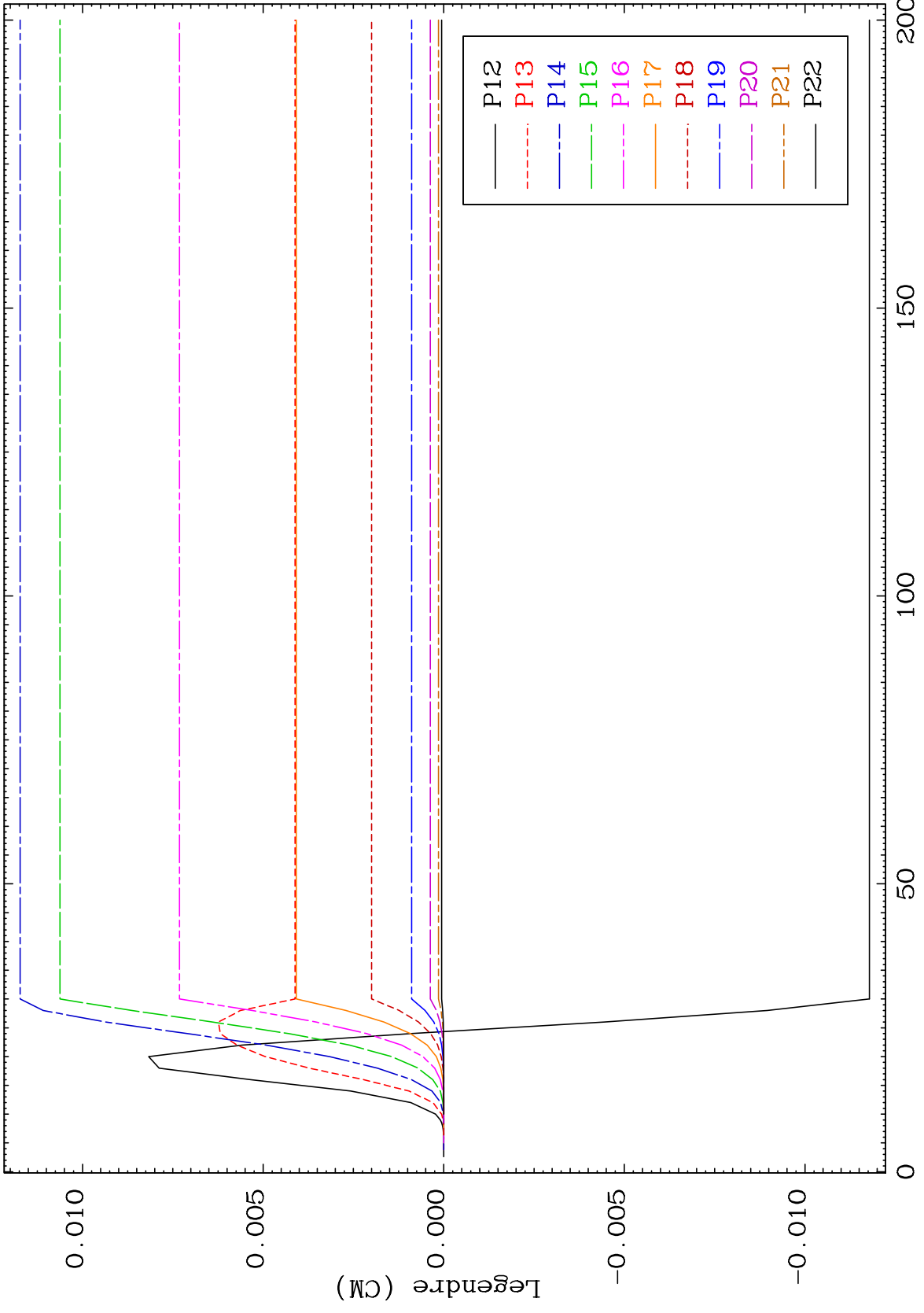
28-Ni-63



32

Incident Energy (MeV)

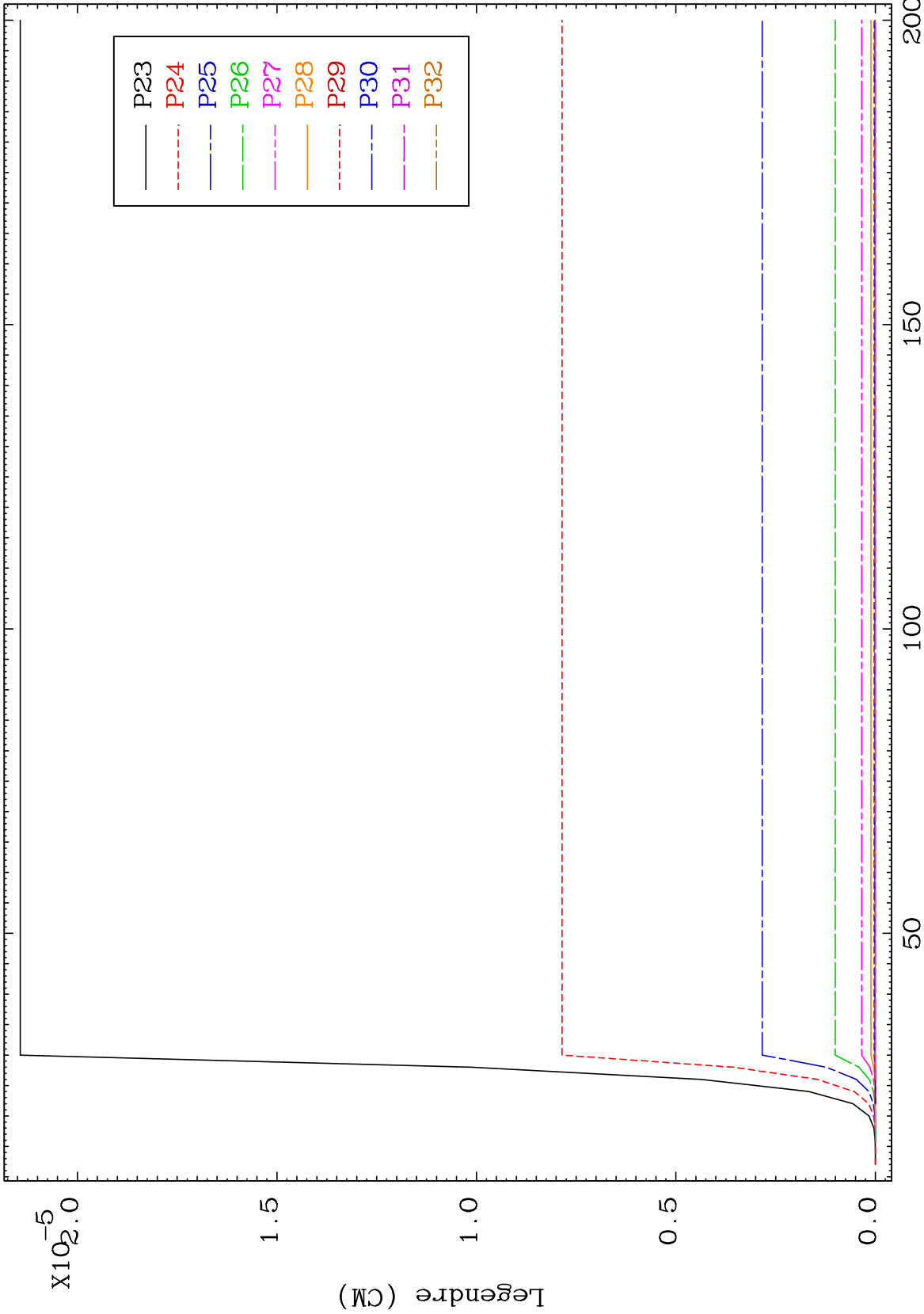
28-Ni-63



MAT 2840

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

28-Ni-63

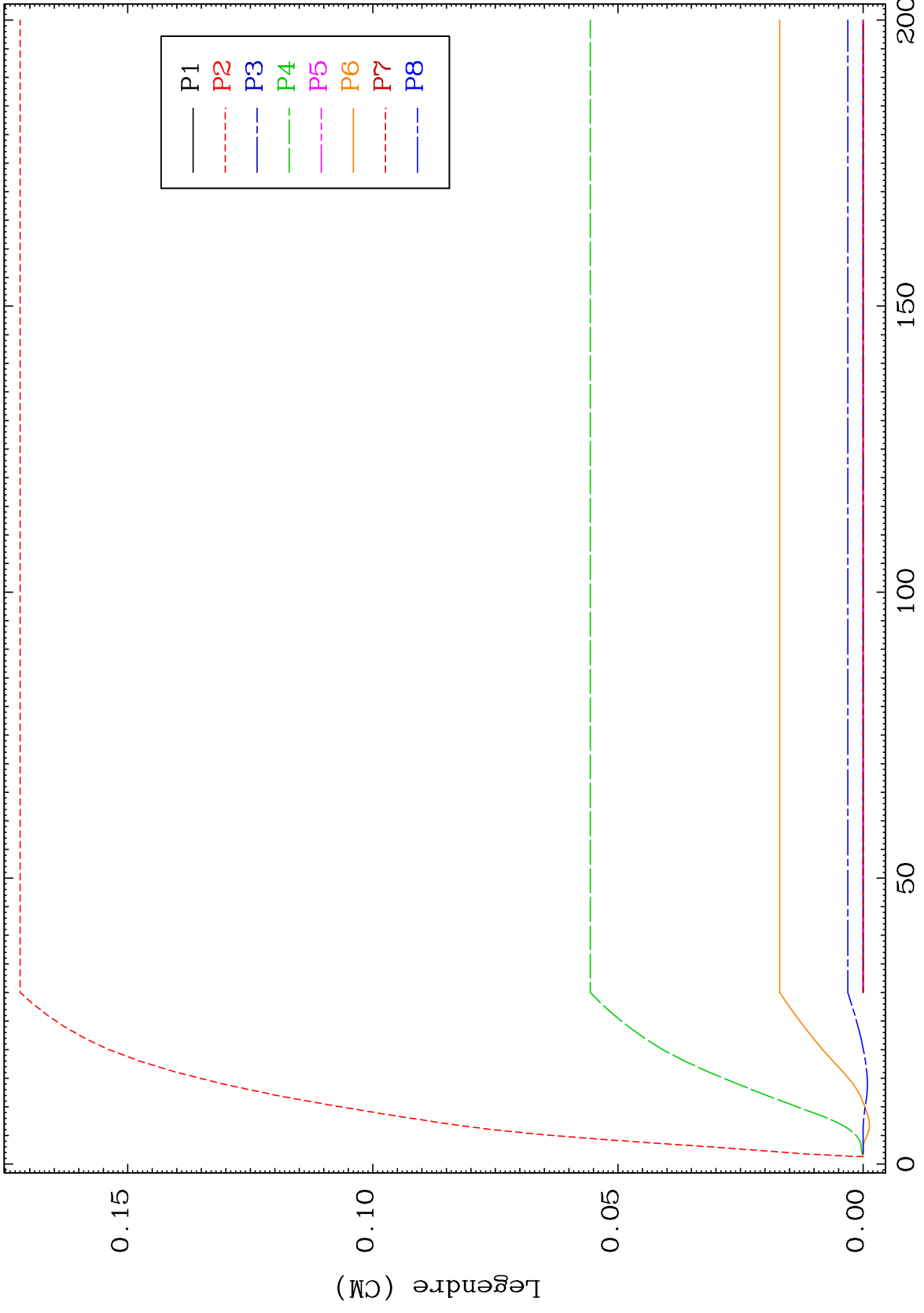


34

Incident Energy (MeV)

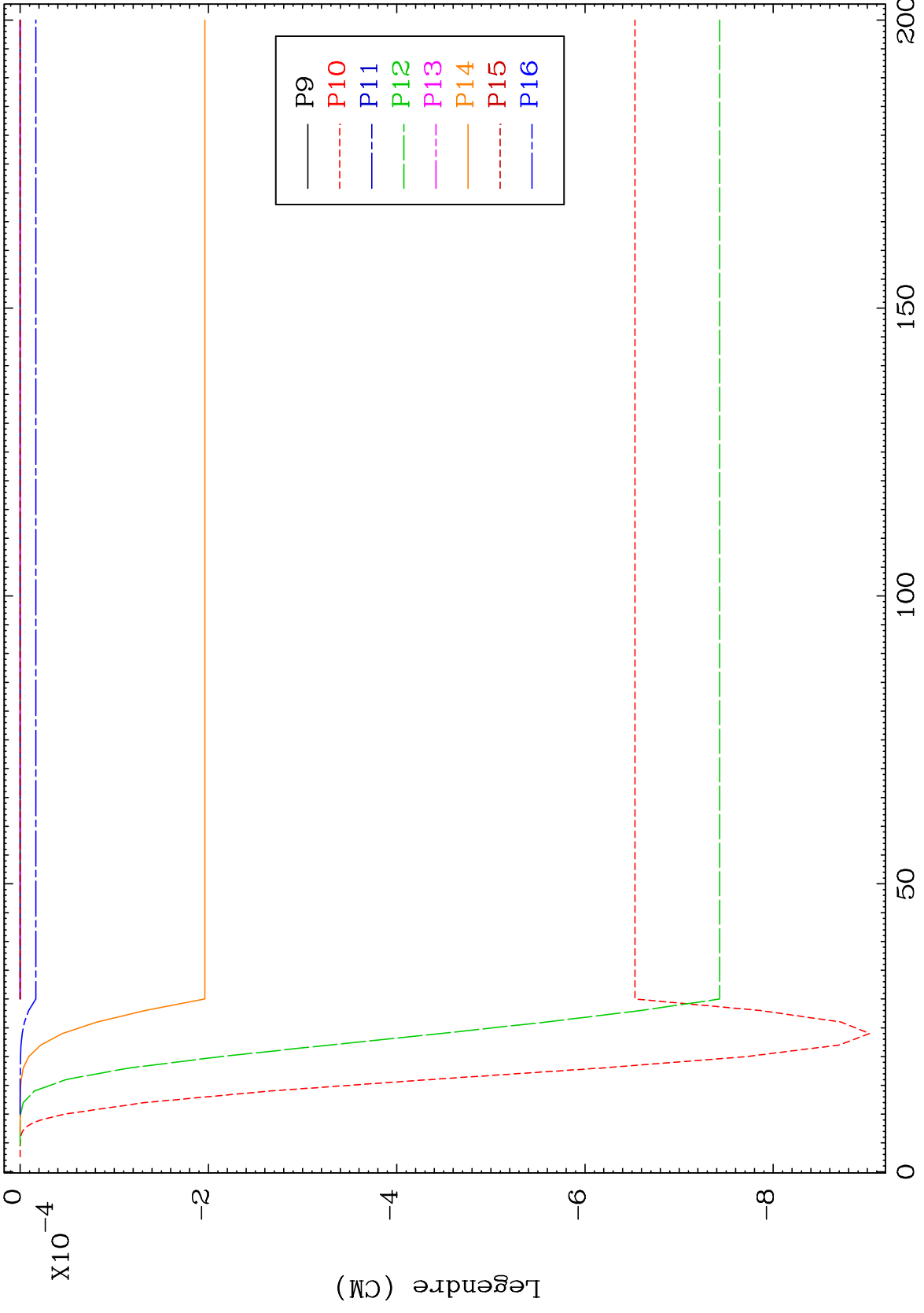
28-Ni-63

MAT 2840 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-63



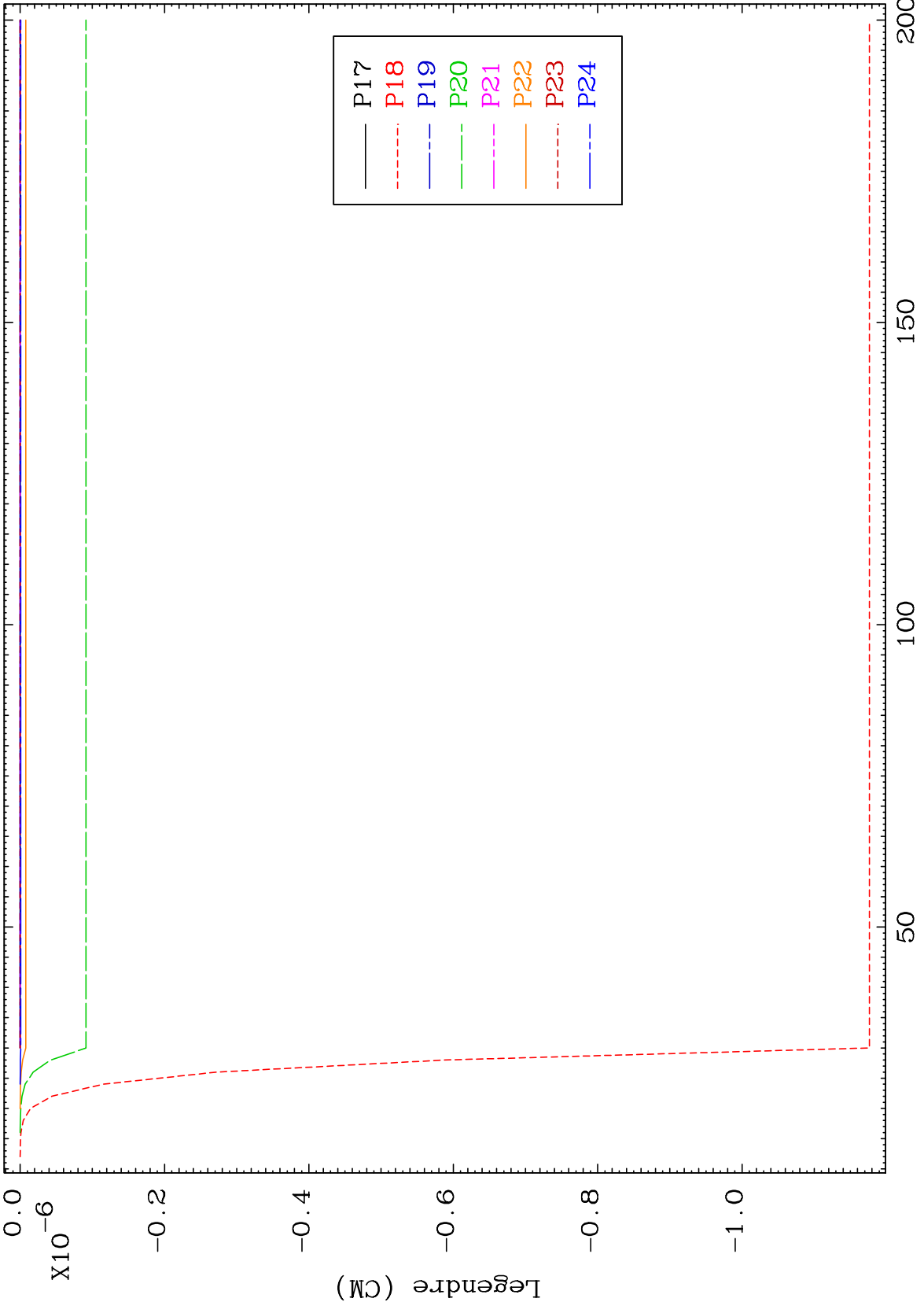
35 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-63



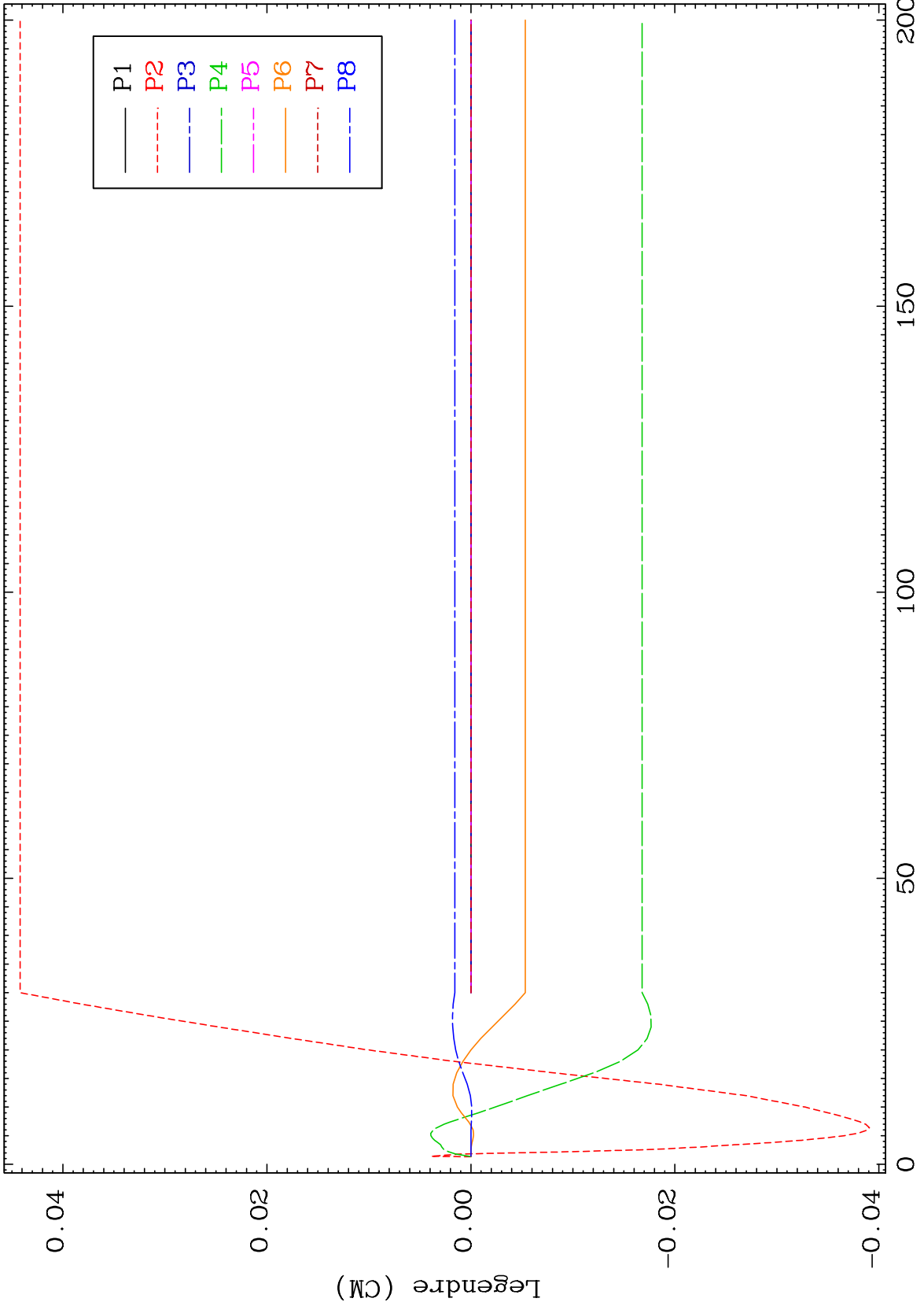
36 28-Ni-63

MAT 2840 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-63



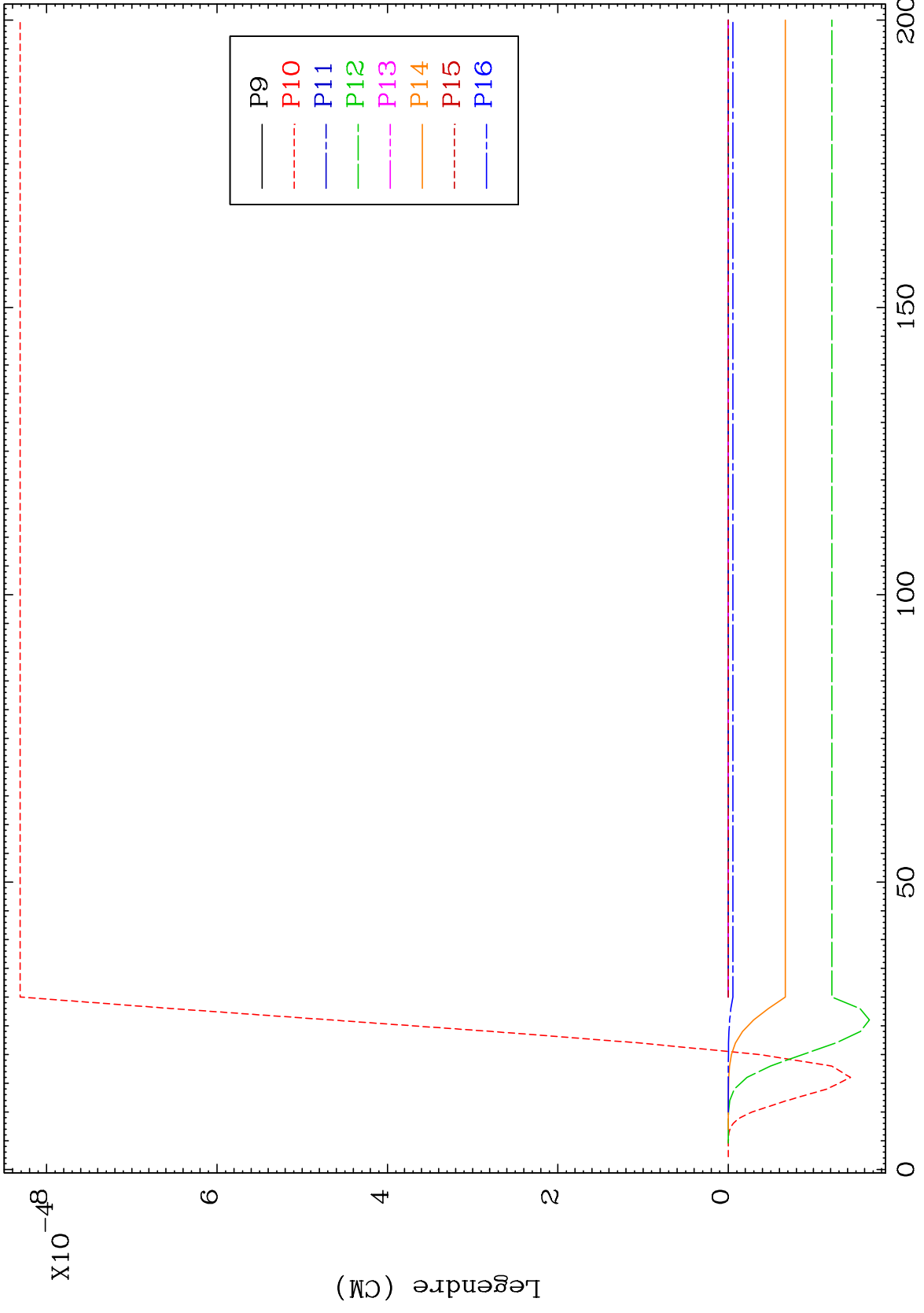
37 28-Ni-63

MAT 2840 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-63



38 28-Ni-63

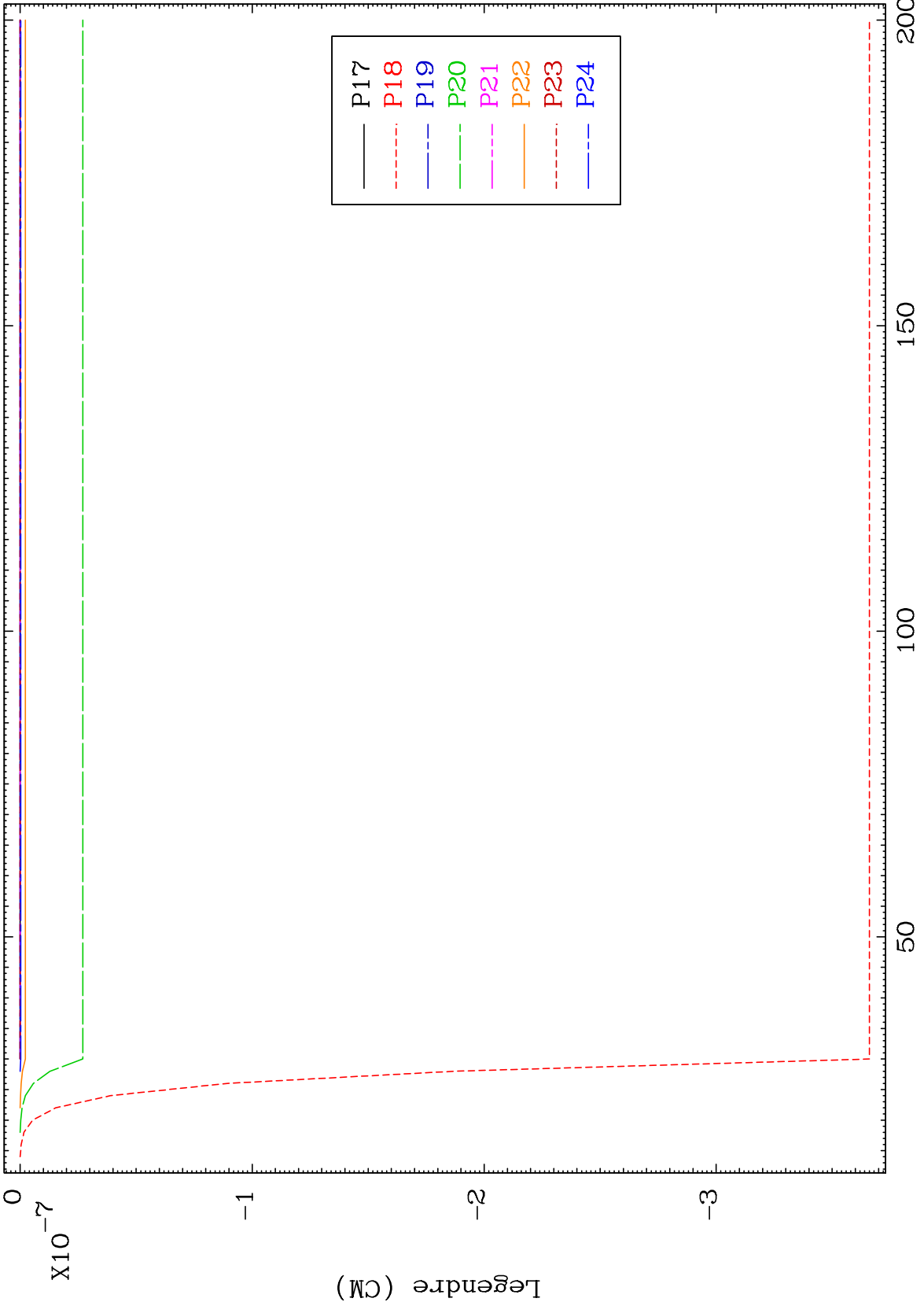
MAT 2840 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-63



39 28-Ni-63



MAT 2840 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-63

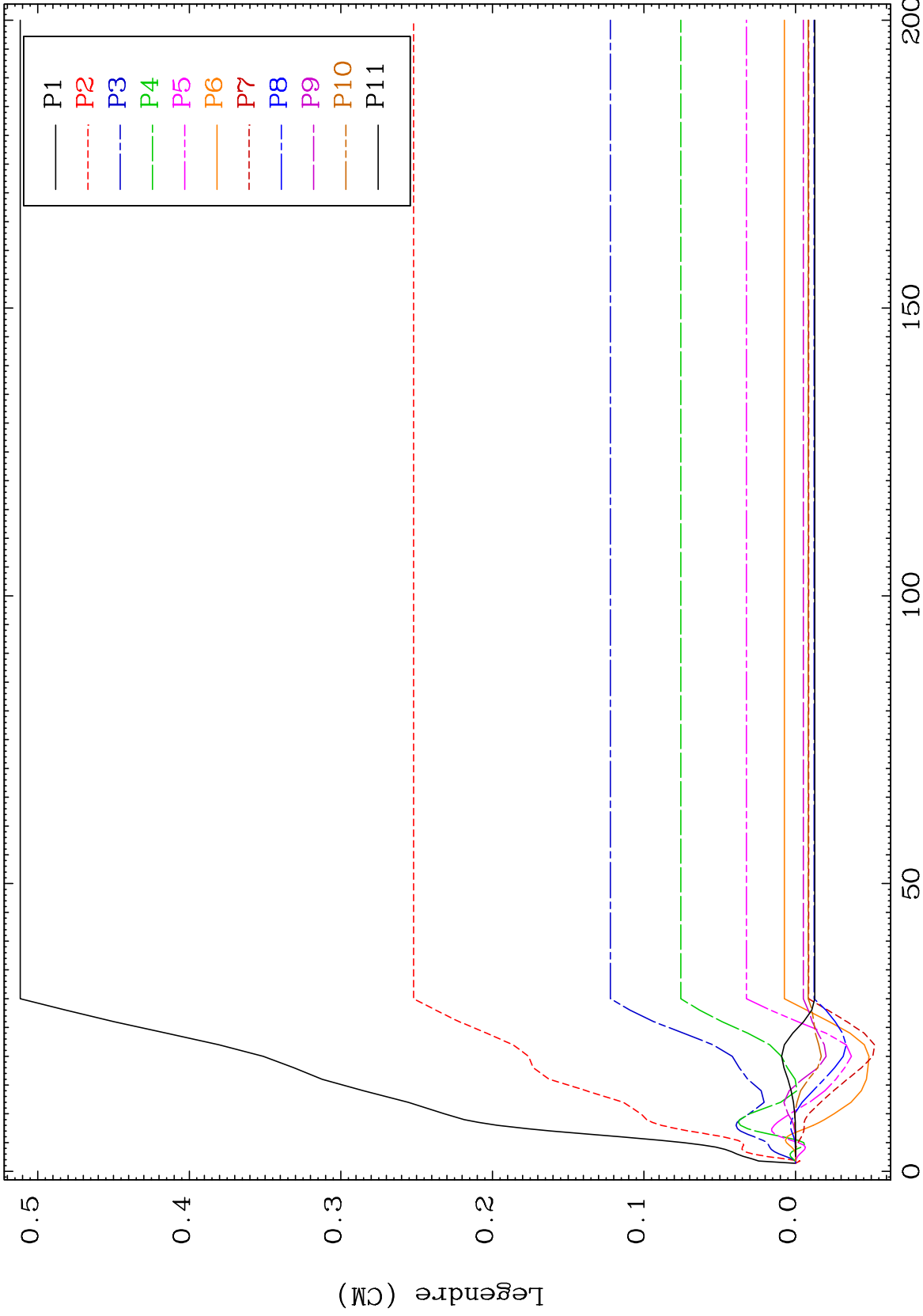


40 50 100 150 200 Incident Energy (MeV) 28-Ni-63

MAT 2840

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

28-Ni-63



41

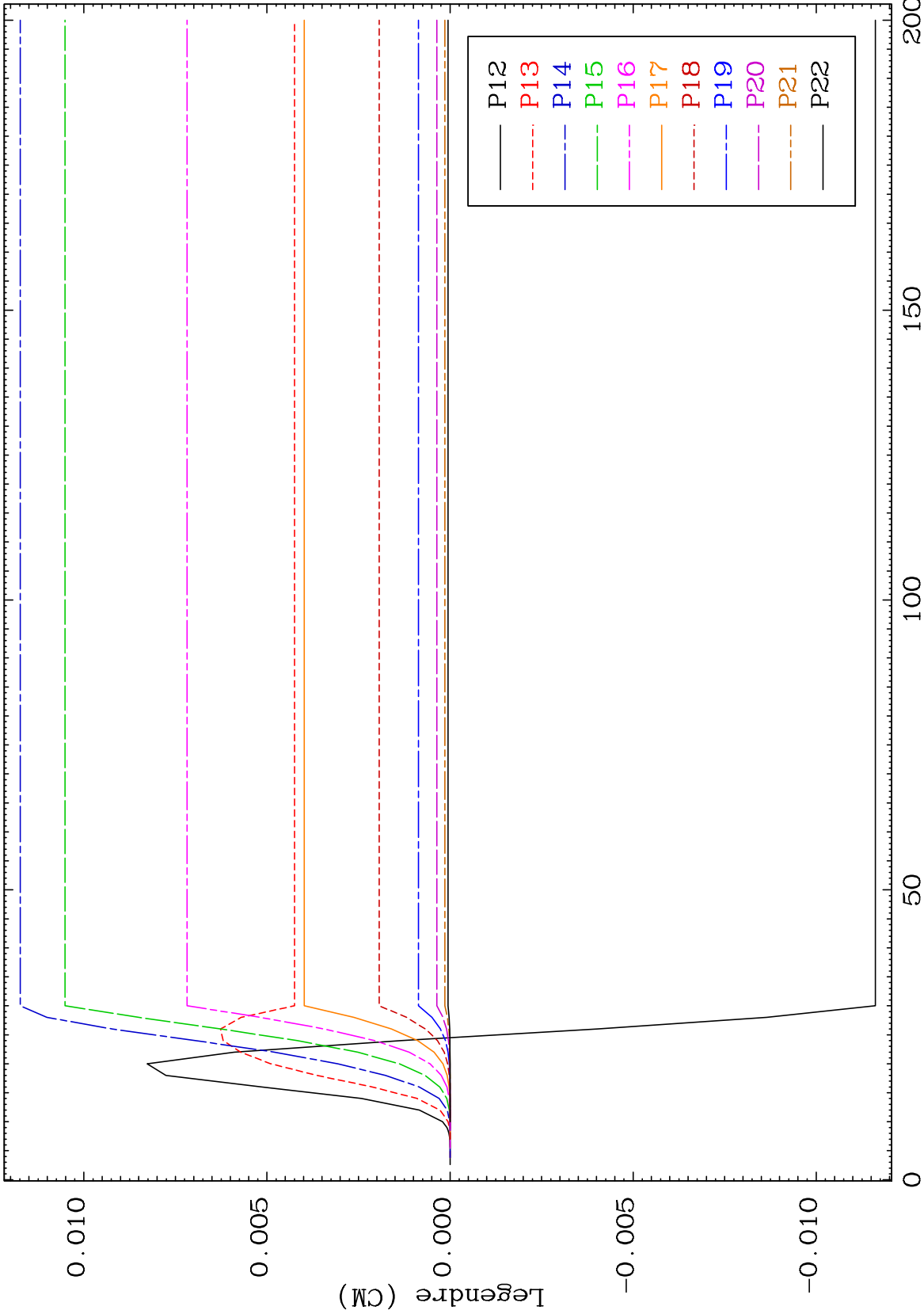
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



42

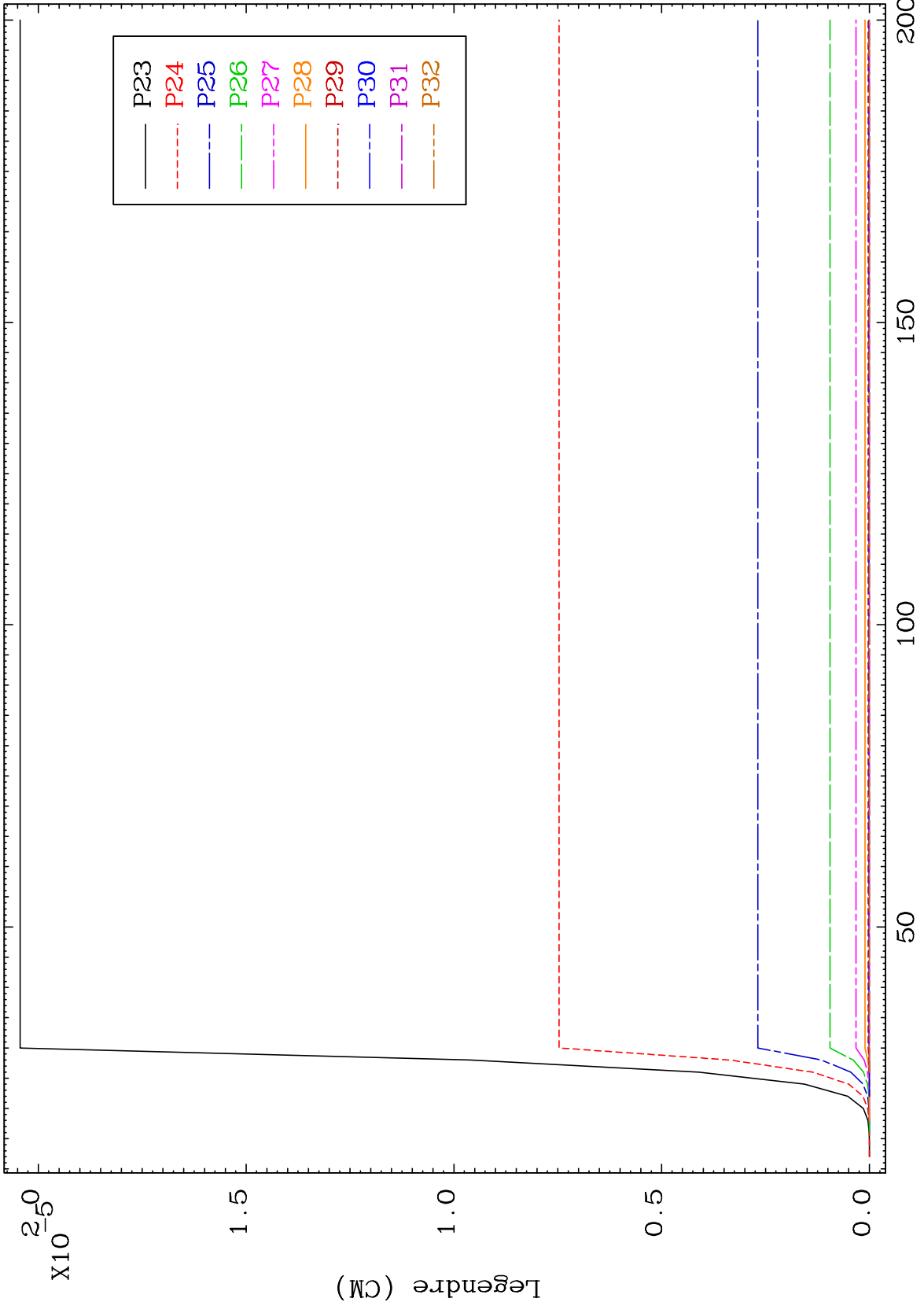
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63

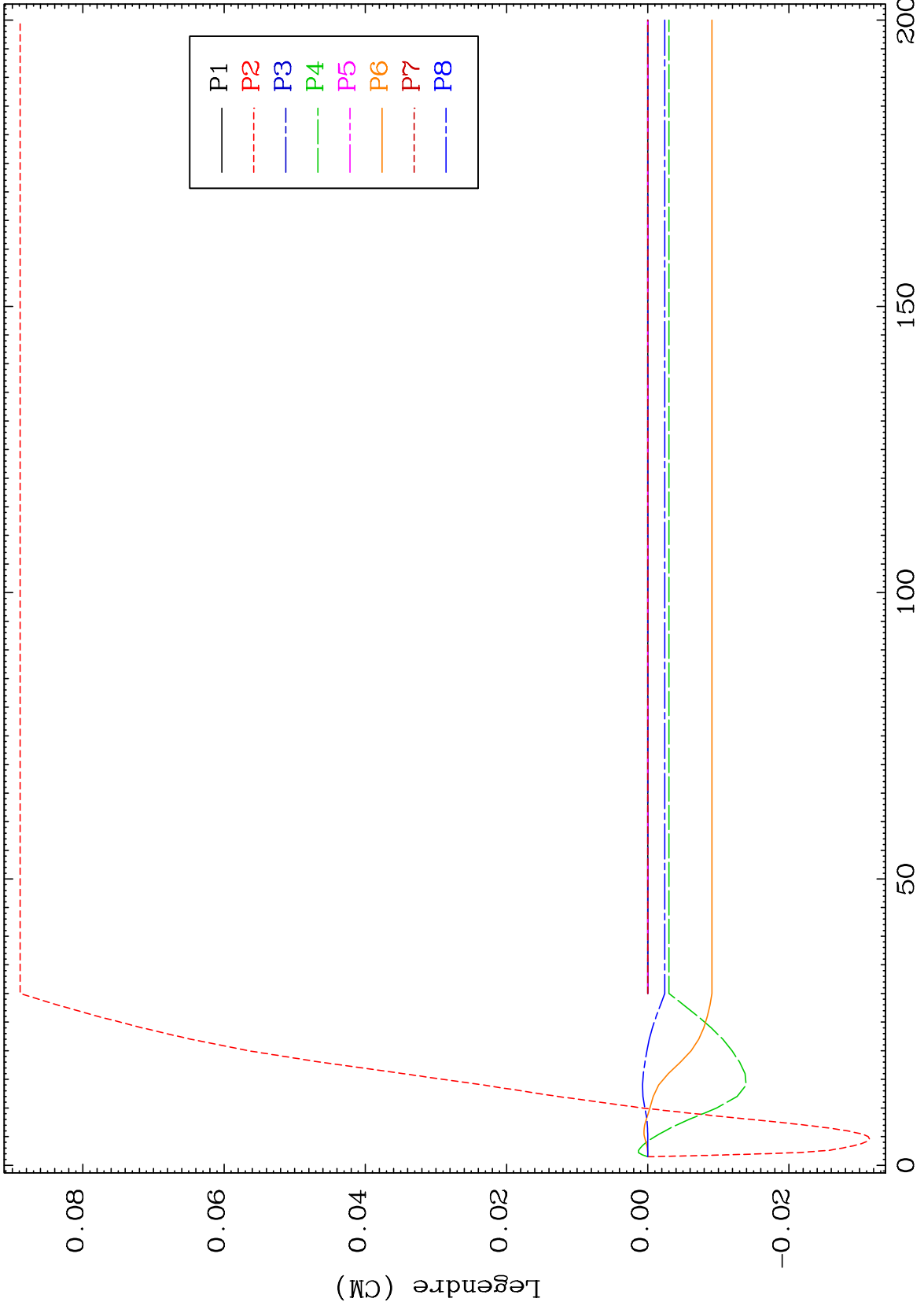


43

Incident Energy (MeV)

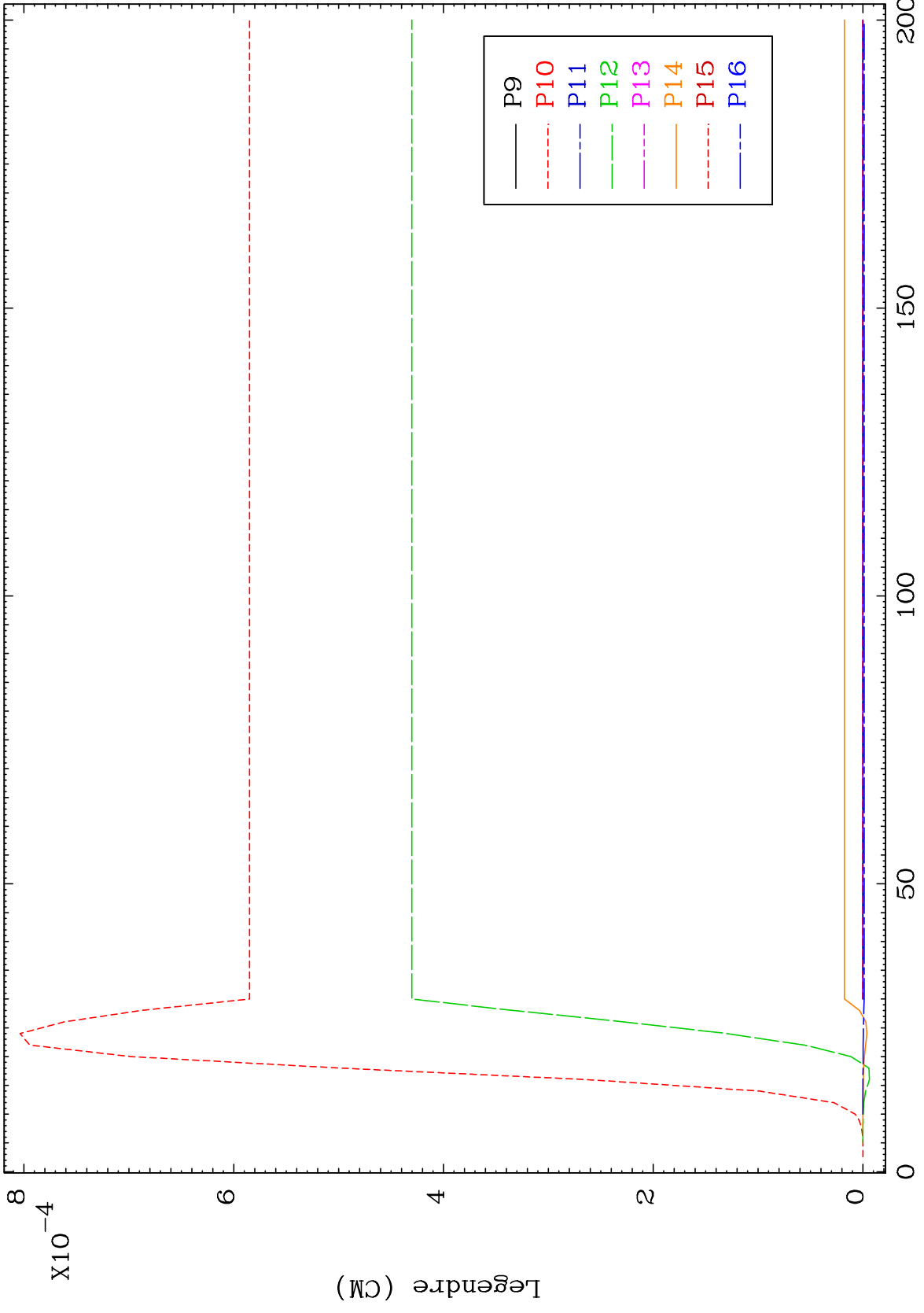
28-Ni-63

MAT 2840 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-63



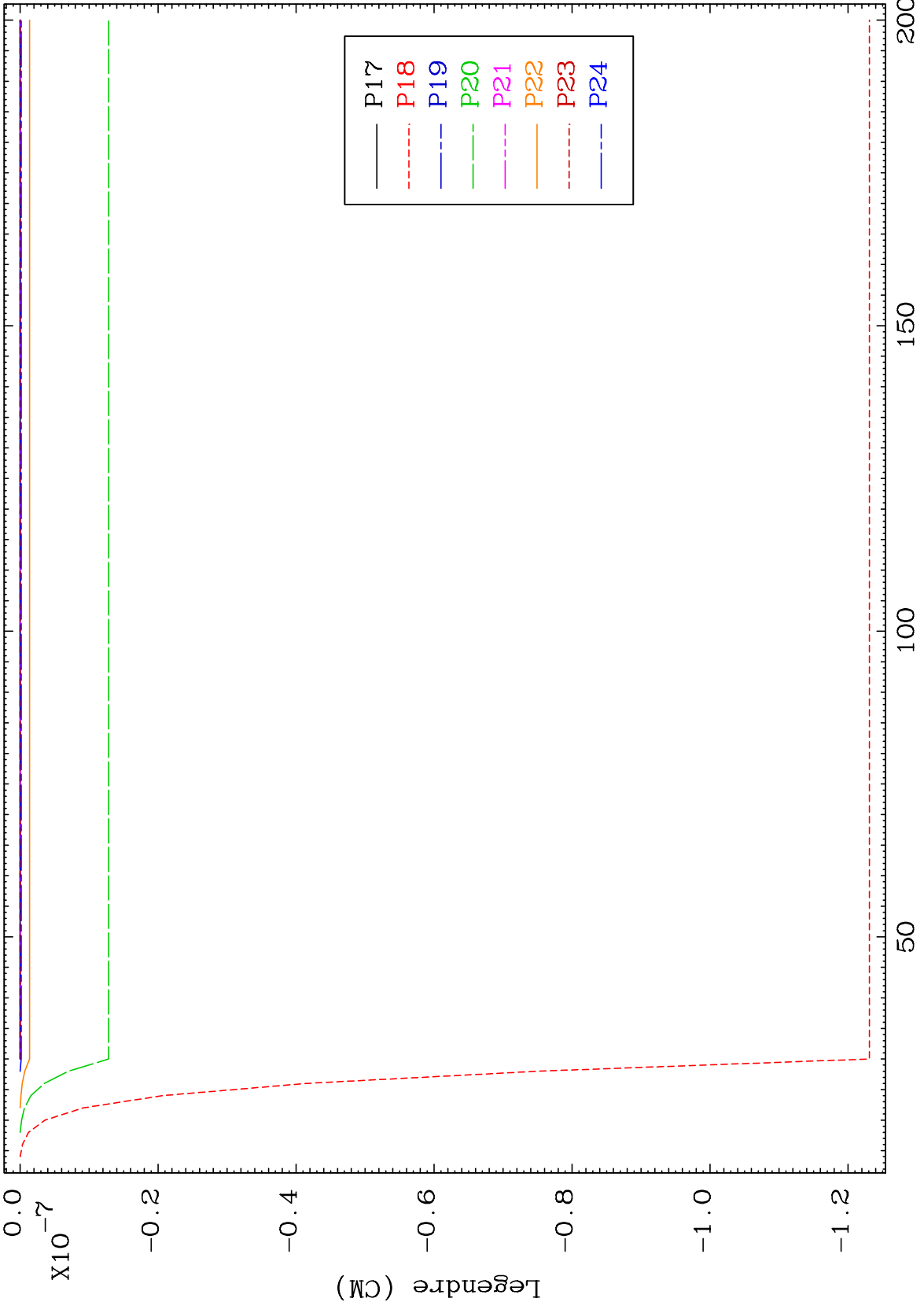
44 28-Ni-63

MAT 2840 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-63



45 100 150 200 28-Ni-63

MAT 2840 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-63

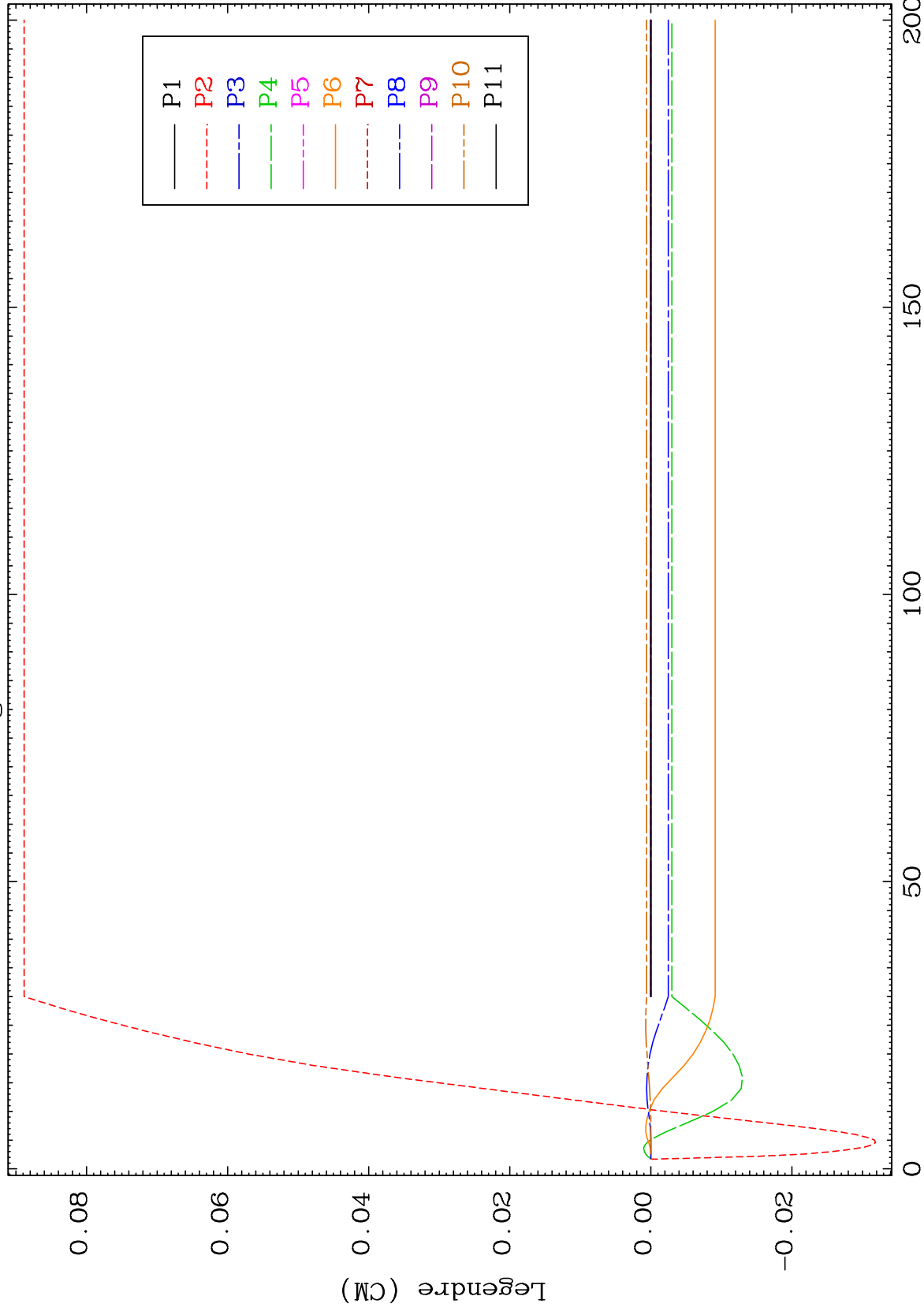


46 50 100 150 200 28-Ni-63

MAT 2840

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

28-Ni-63



47

Incident Energy (MeV)

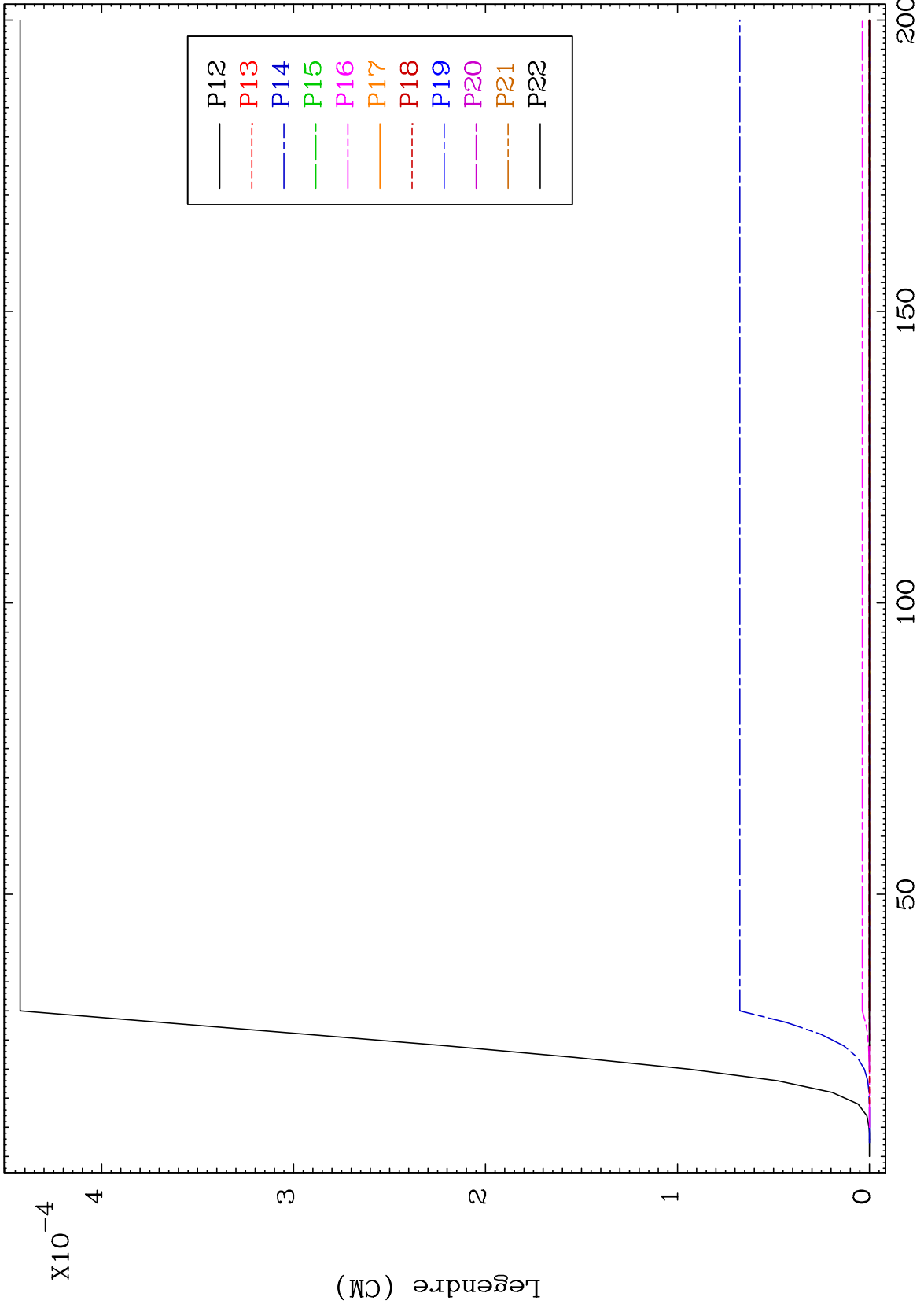
28-Ni-63



MAT 2840

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

28-Ni-63



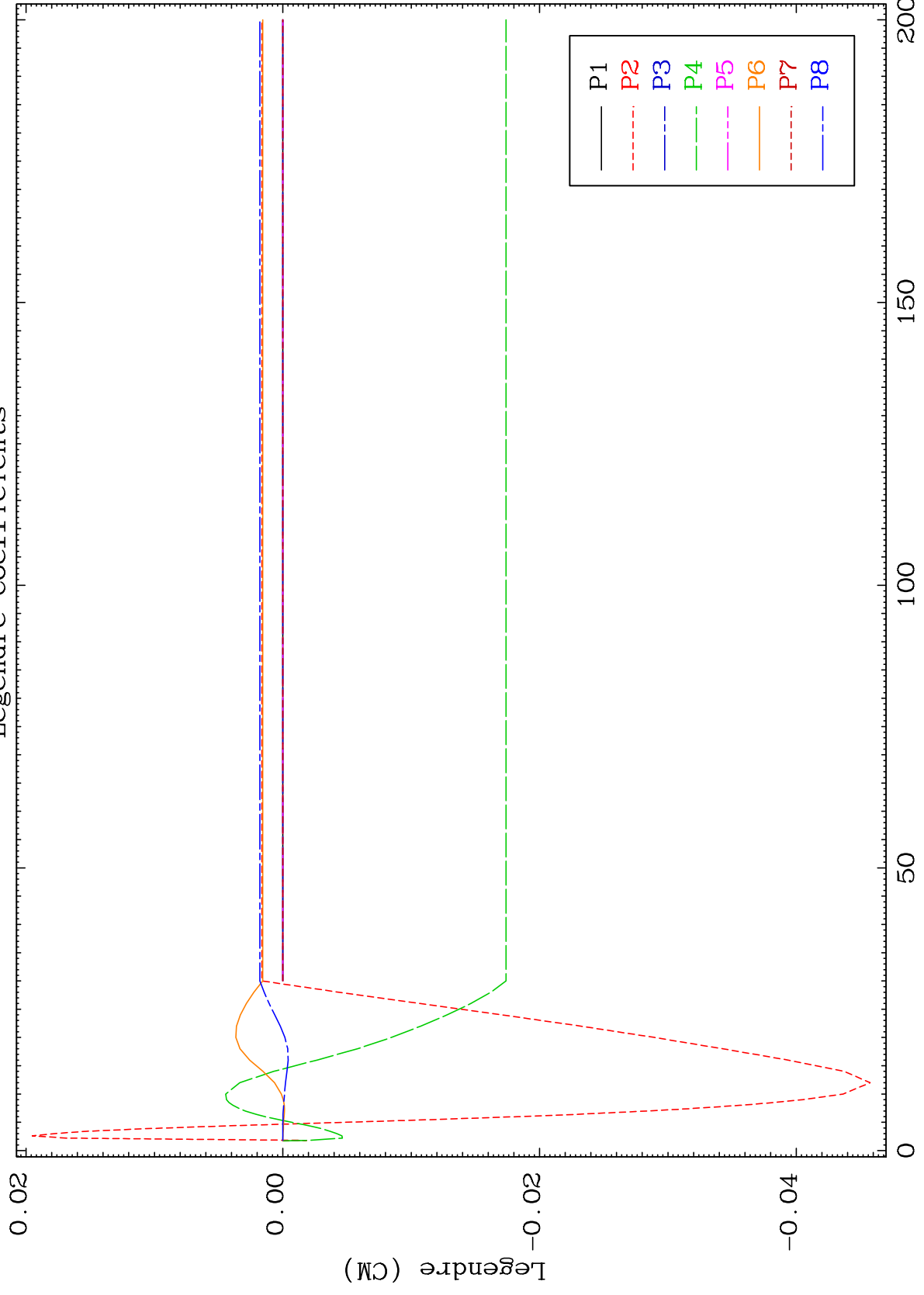
48

Incident Energy (MeV)

28-Ni-63

MAT 2840 MT= 61 (n,n') Level Legendre Coefficients

28-Ni-63

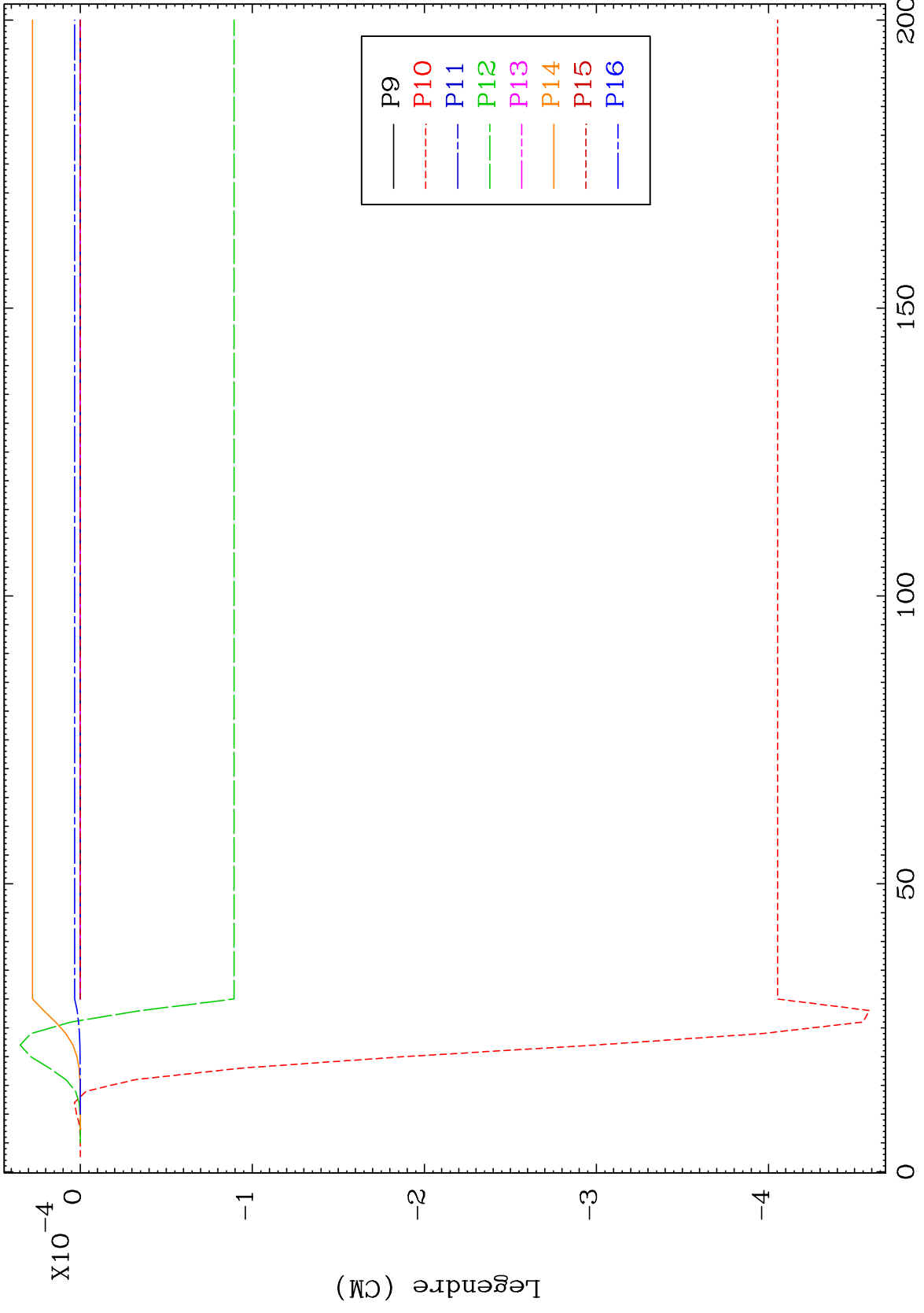


28-Ni-63

Incident Energy (MeV)

49

MAT 2840 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-63

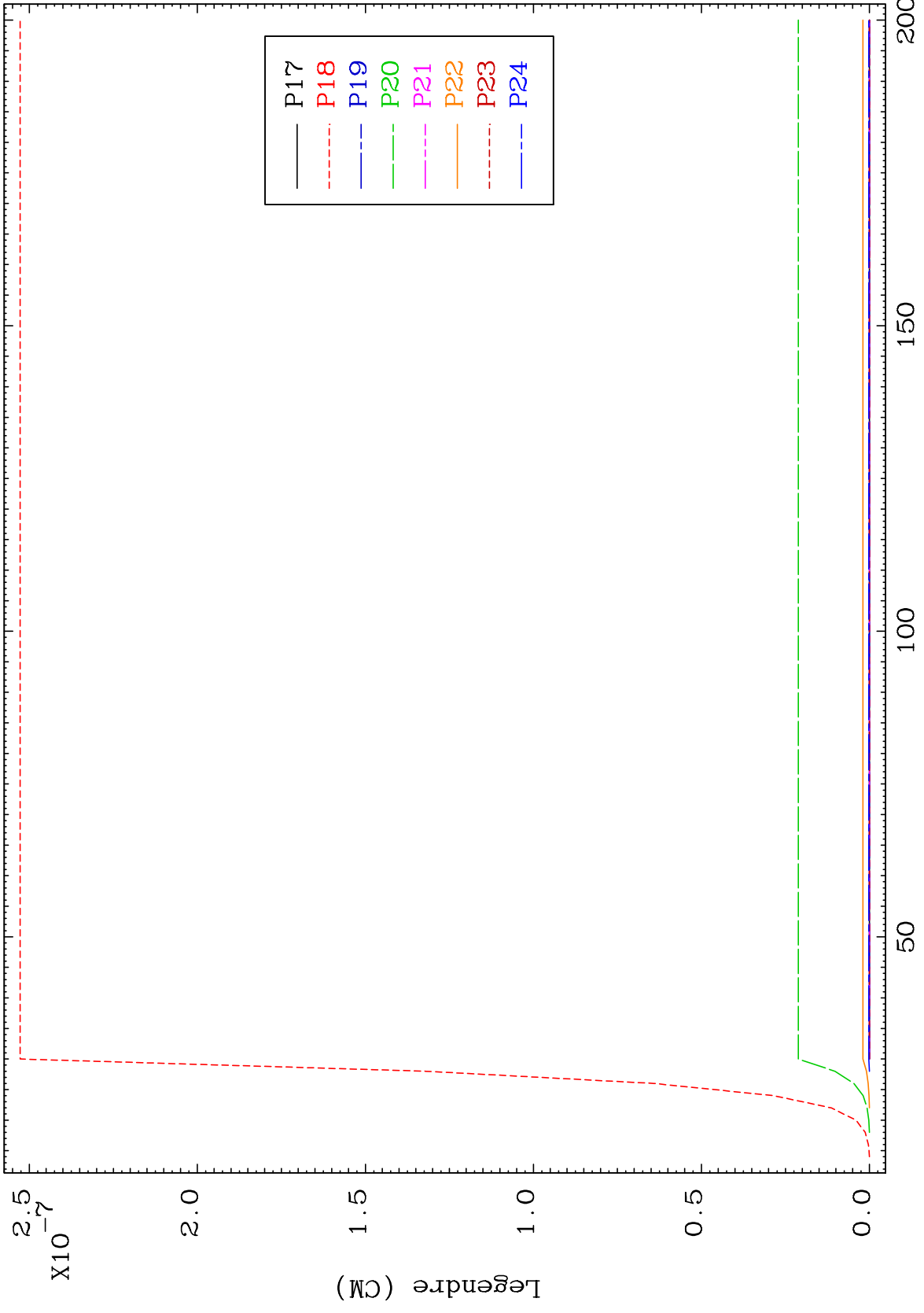


Legendre (CM) Incident Energy (MeV) 28-Ni-63

MAT 2840

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

28-Ni-63

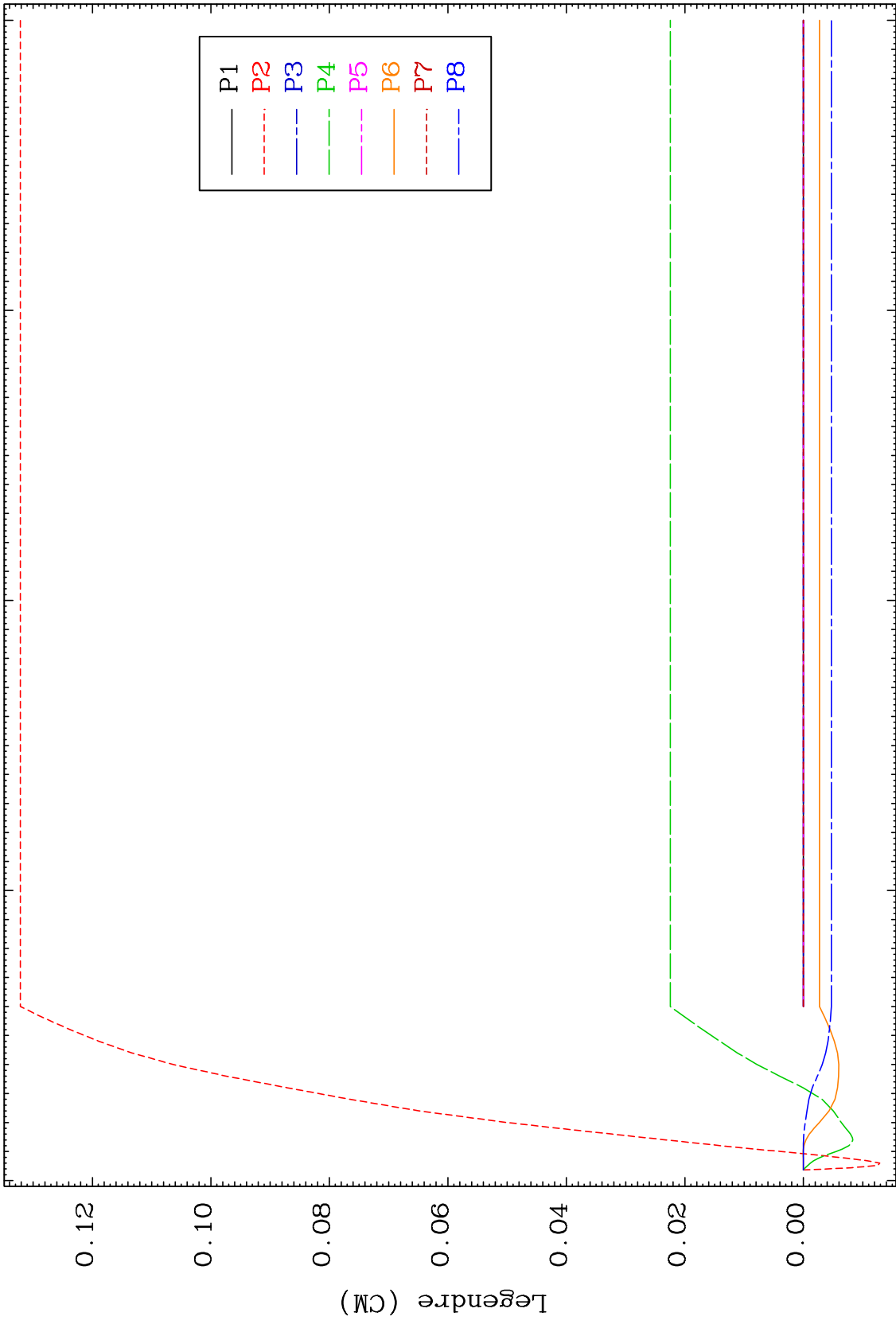


28-Ni-63

Incident Energy (MeV)

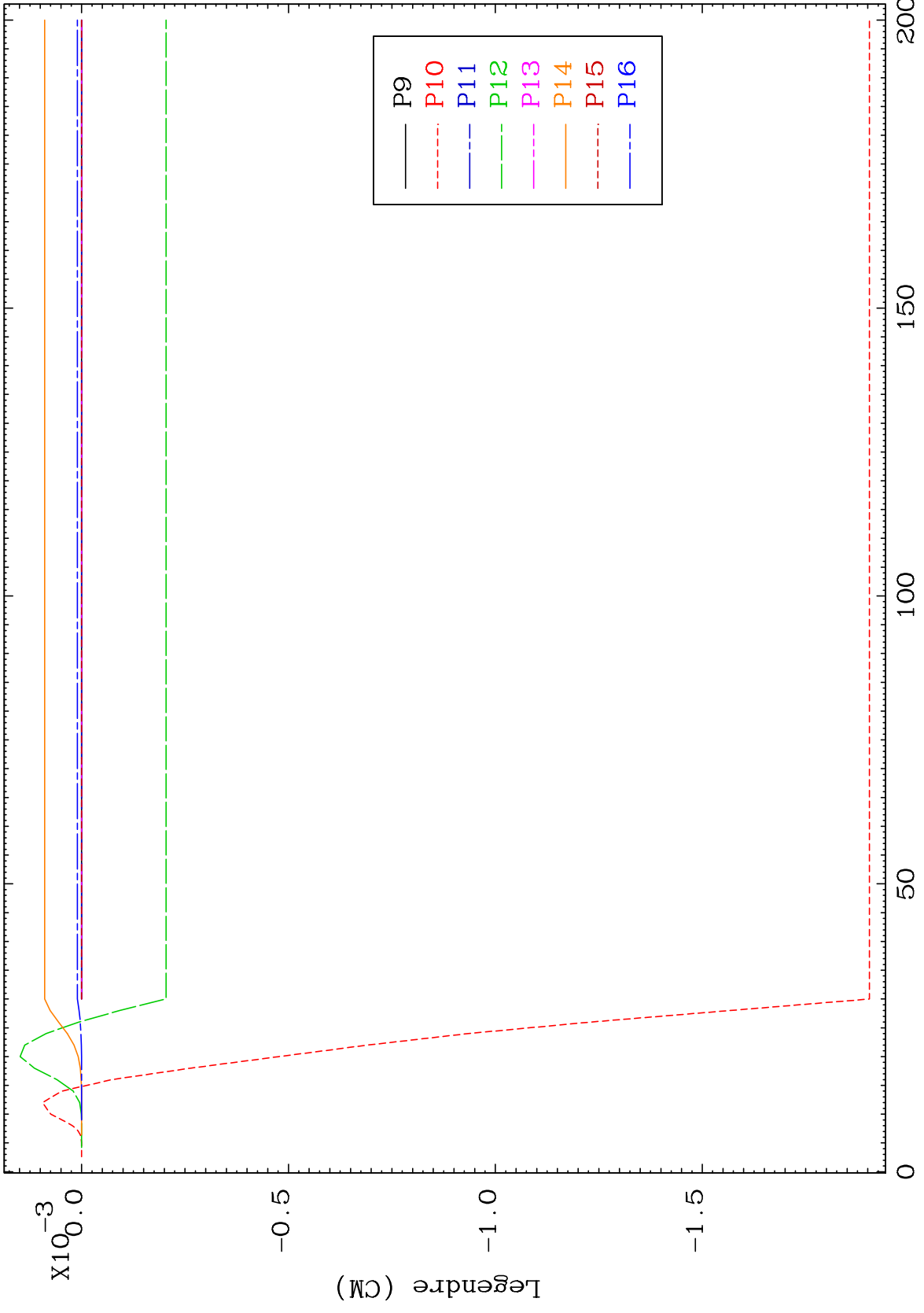
51

MAT 2840 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-63

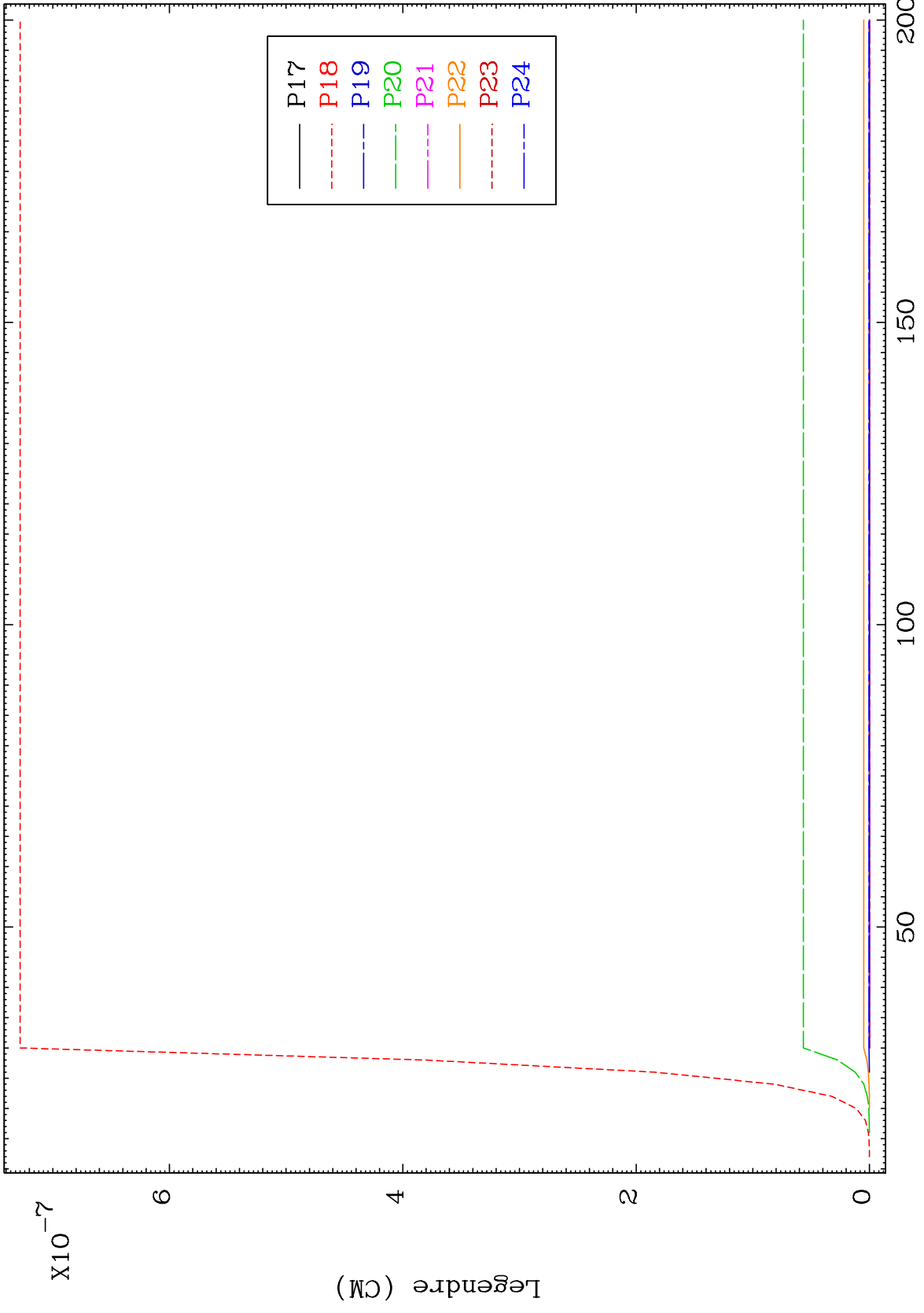


52 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-63



MAT 2840 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-63

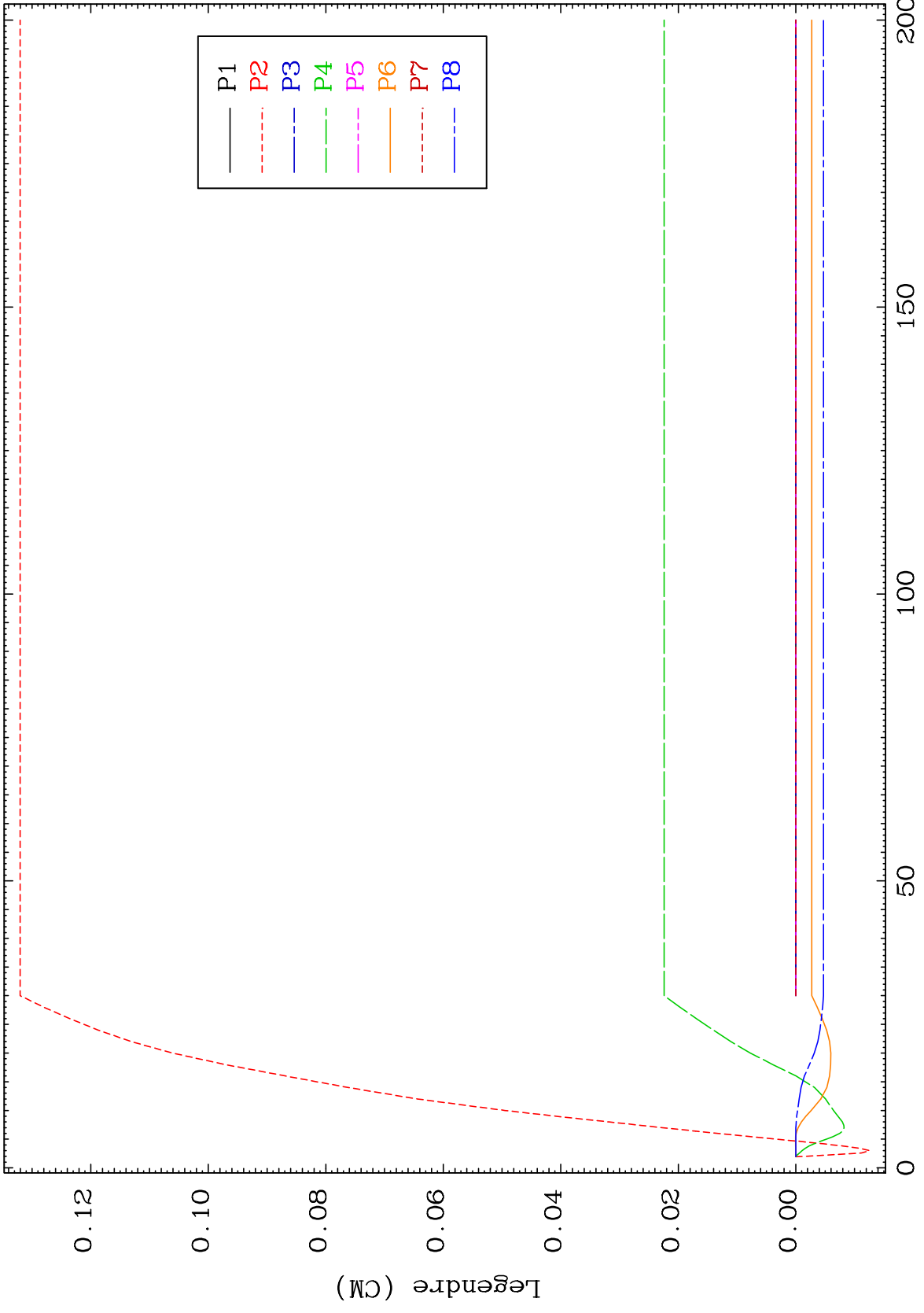


54 Incident Energy (MeV) 200 28-Ni-63

MAT 2840

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

28-Ni-63



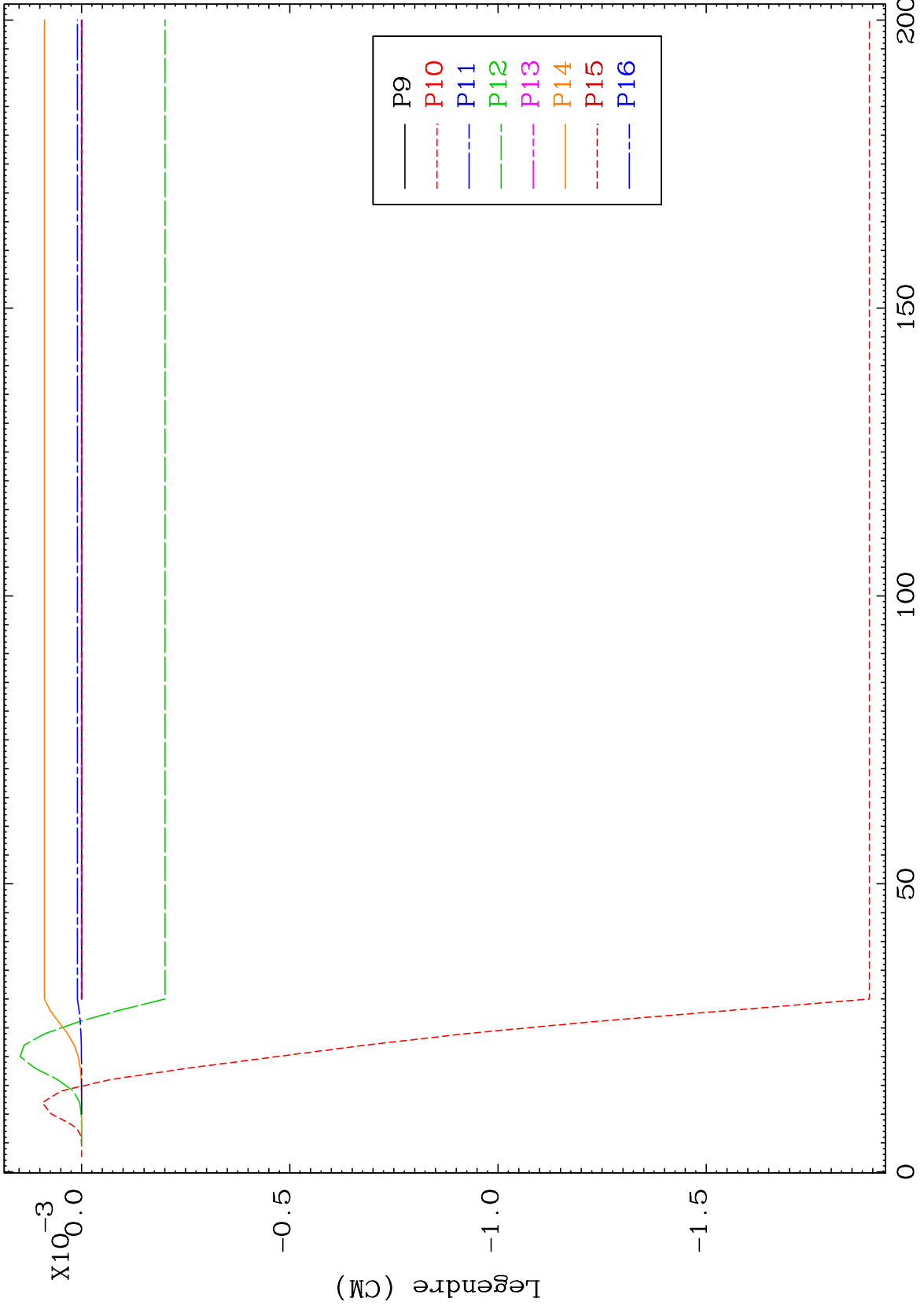
55

Incident Energy (MeV)

28-Ni-63

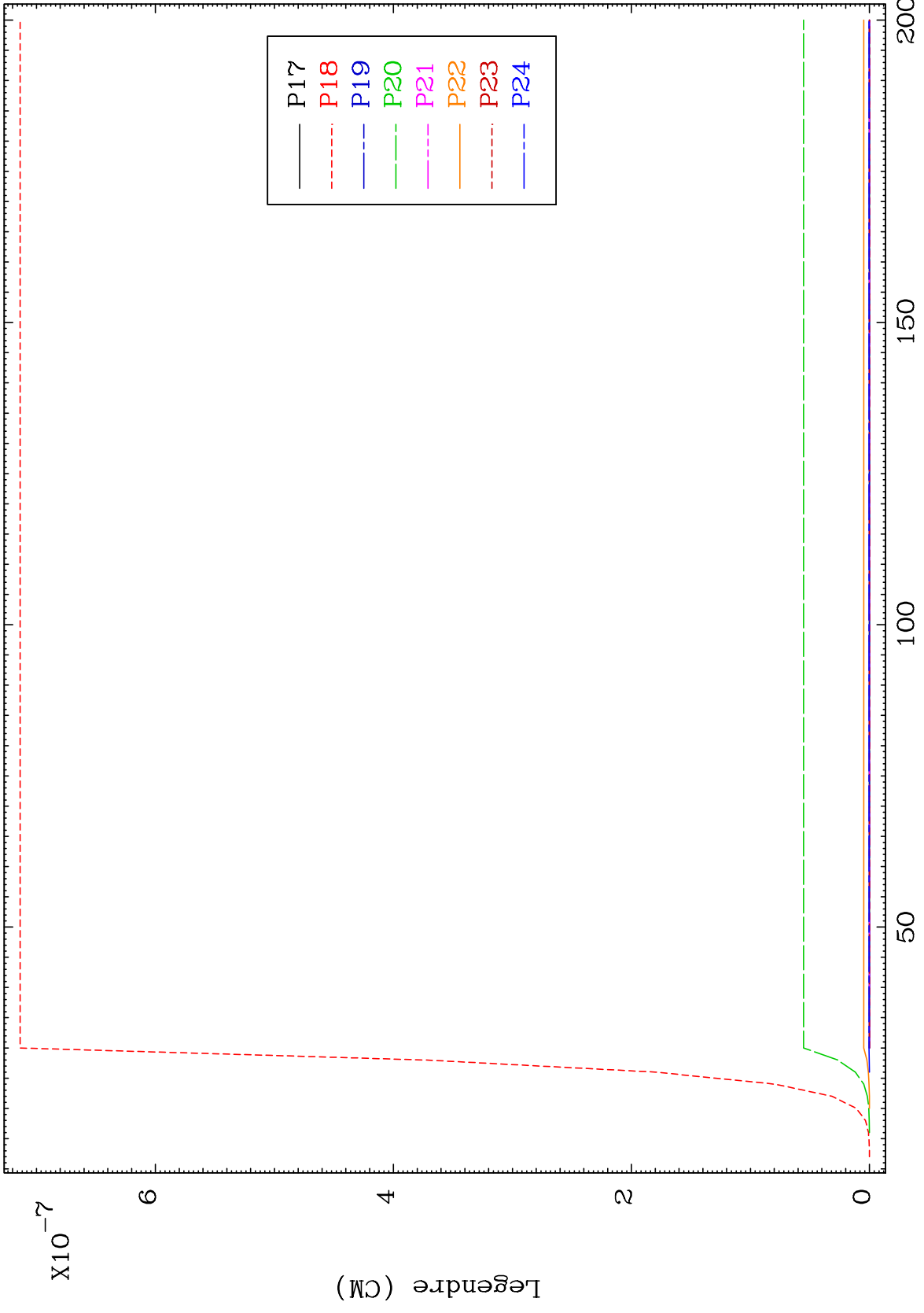


MAT 2840 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-63



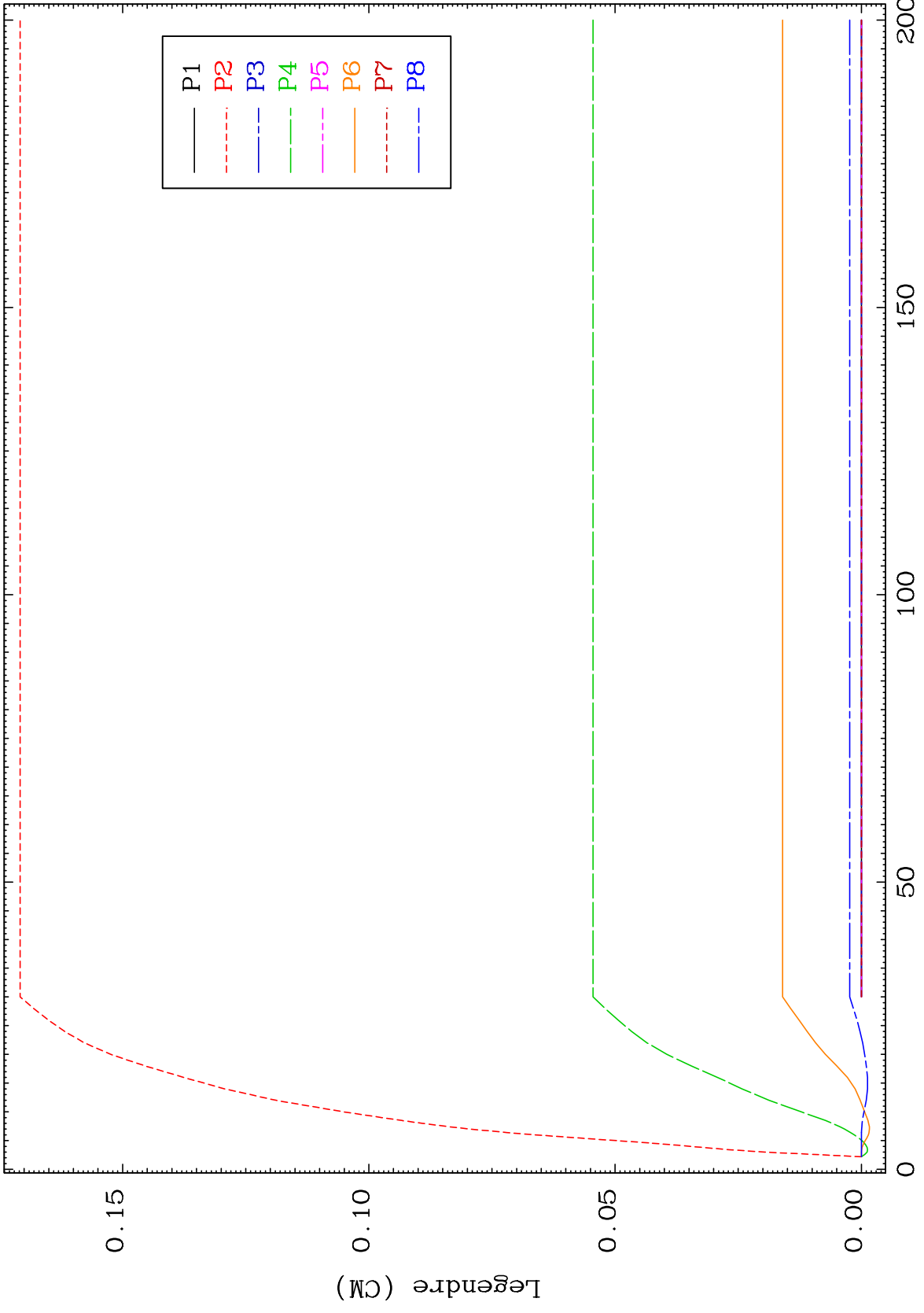
56 28-Ni-63

MAT 2840 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-63



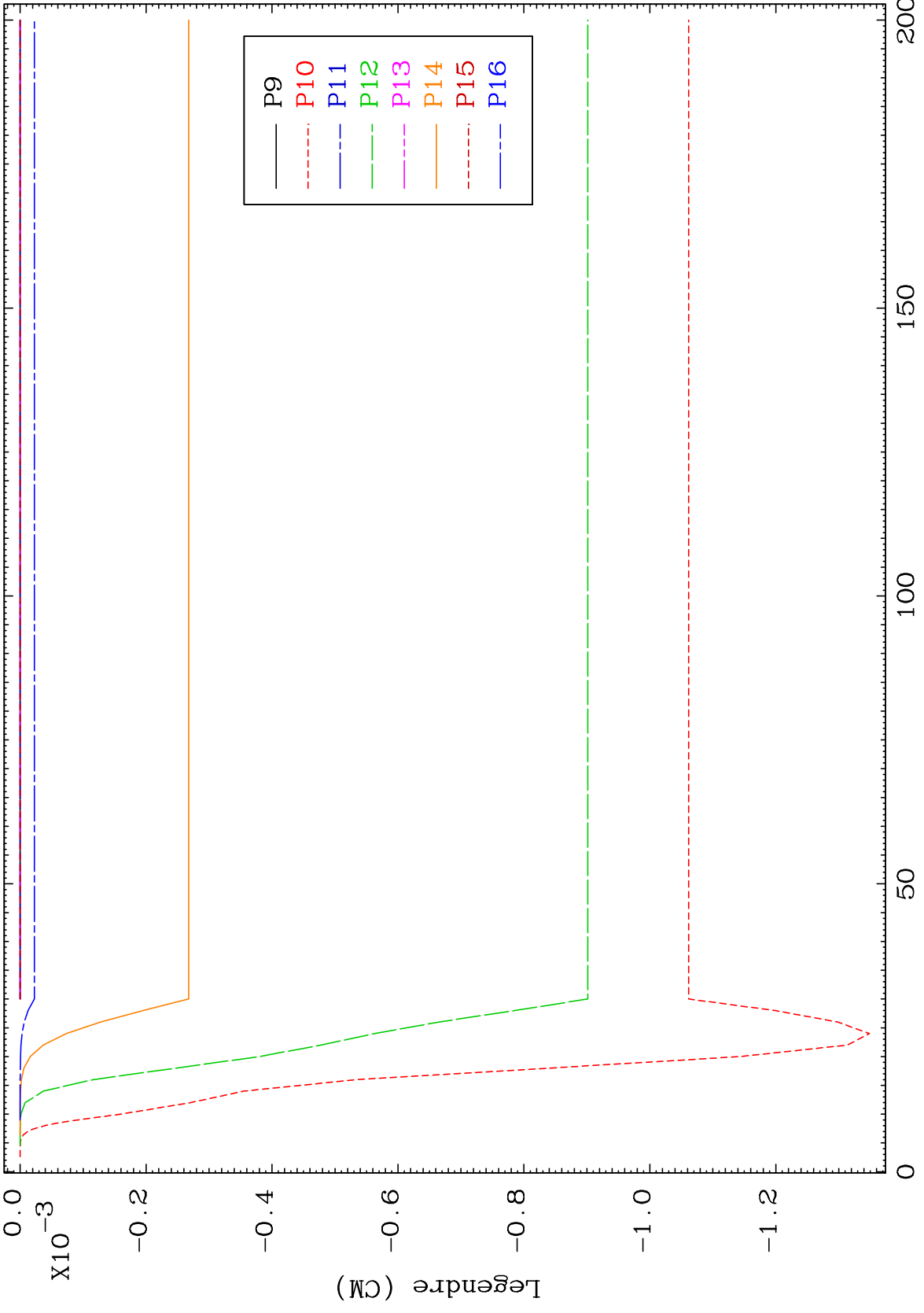
57 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-63



58 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-63

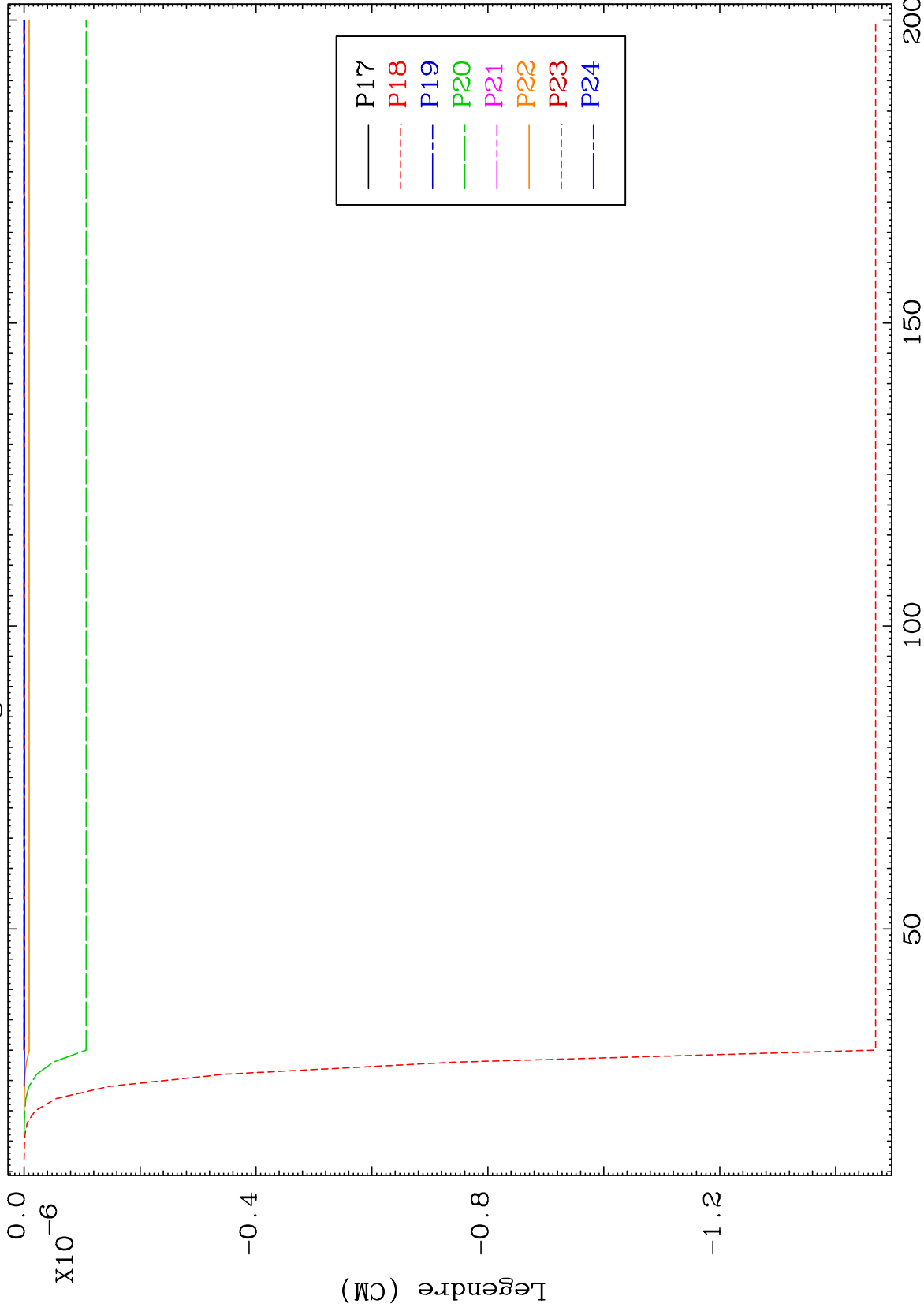


59 28-Ni-63

MAT 2840

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

28-Ni-63



28-Ni-63

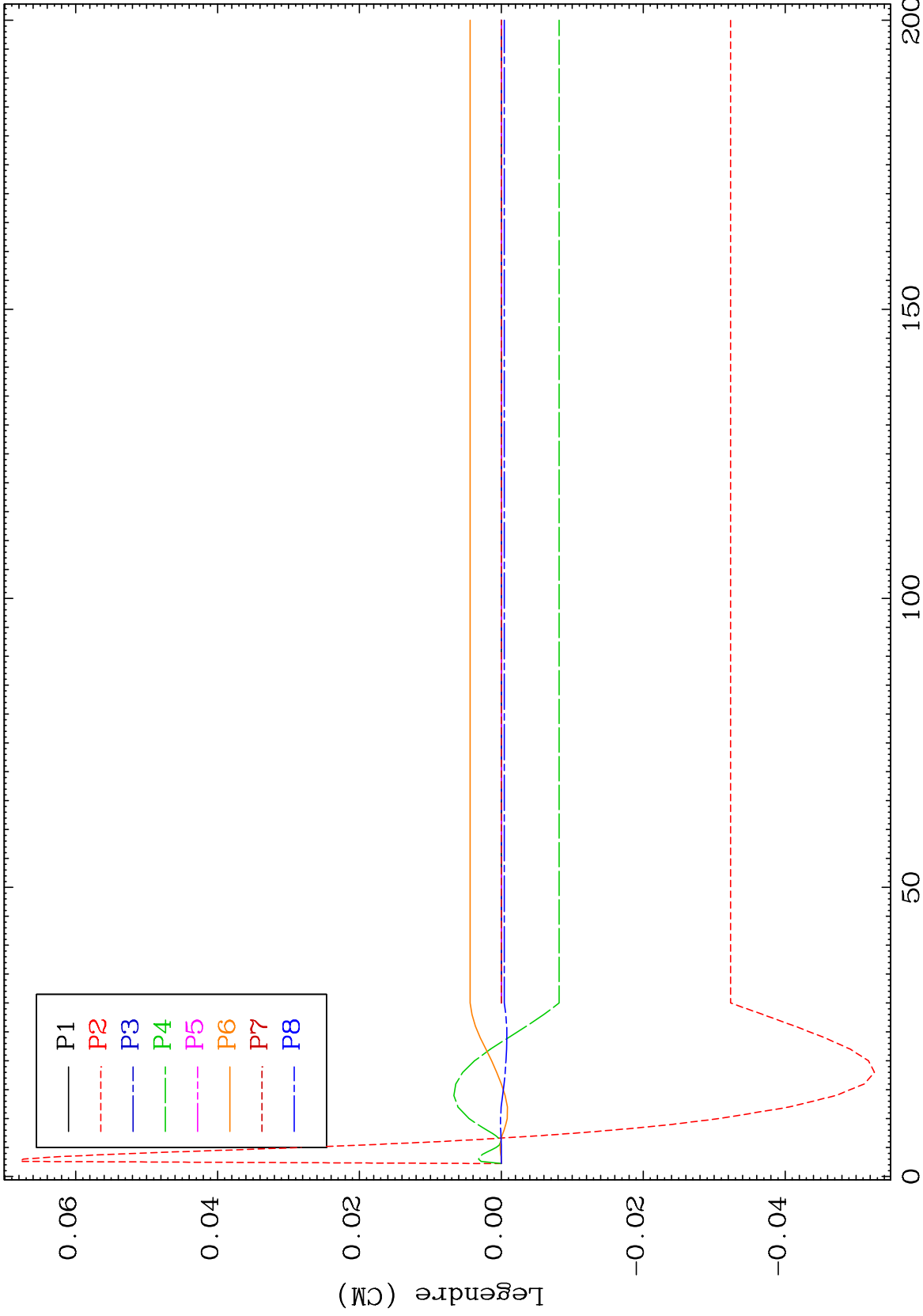
Incident Energy (MeV)

60

MAT 2840

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

28-Ni-63



61

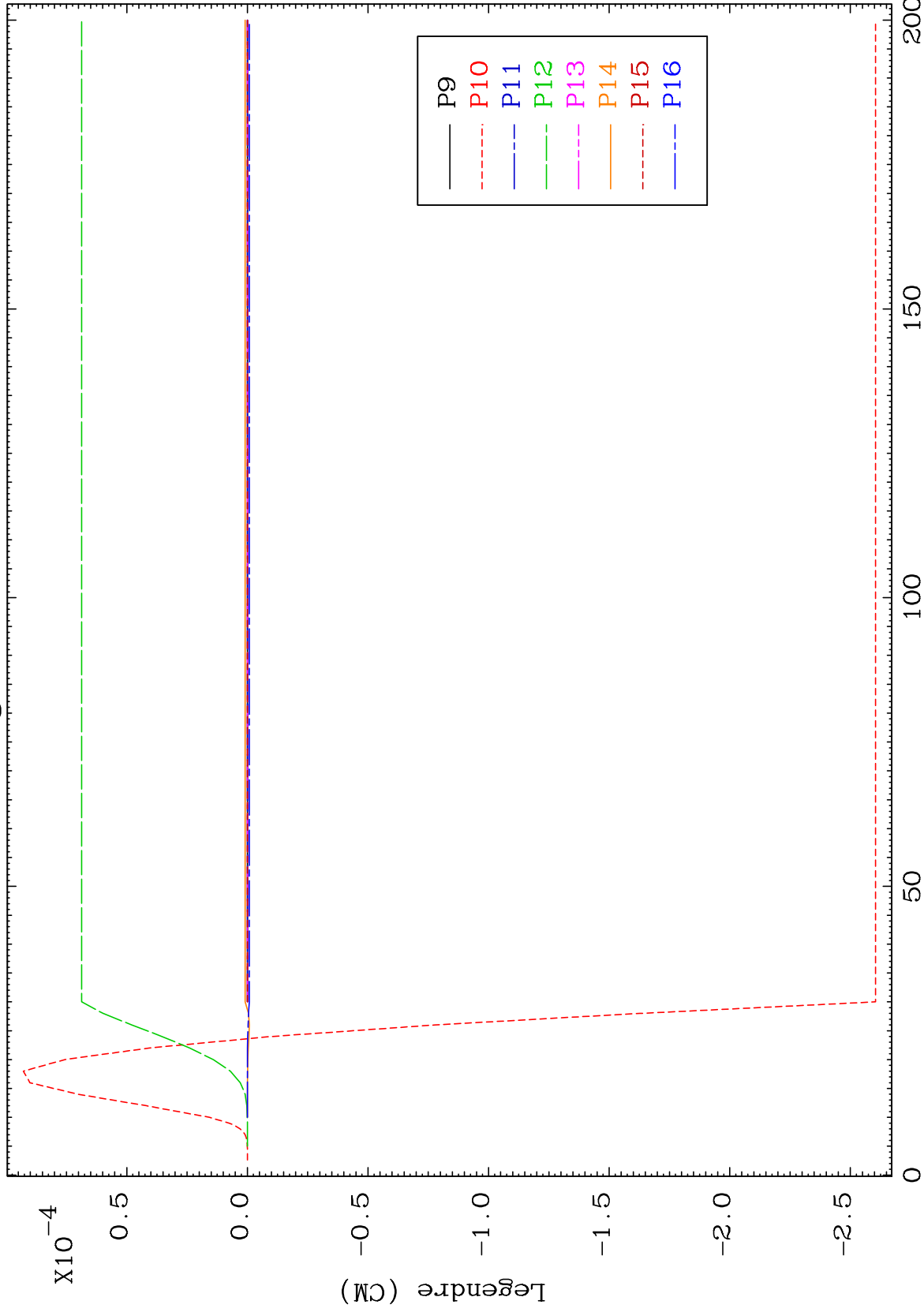
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



62

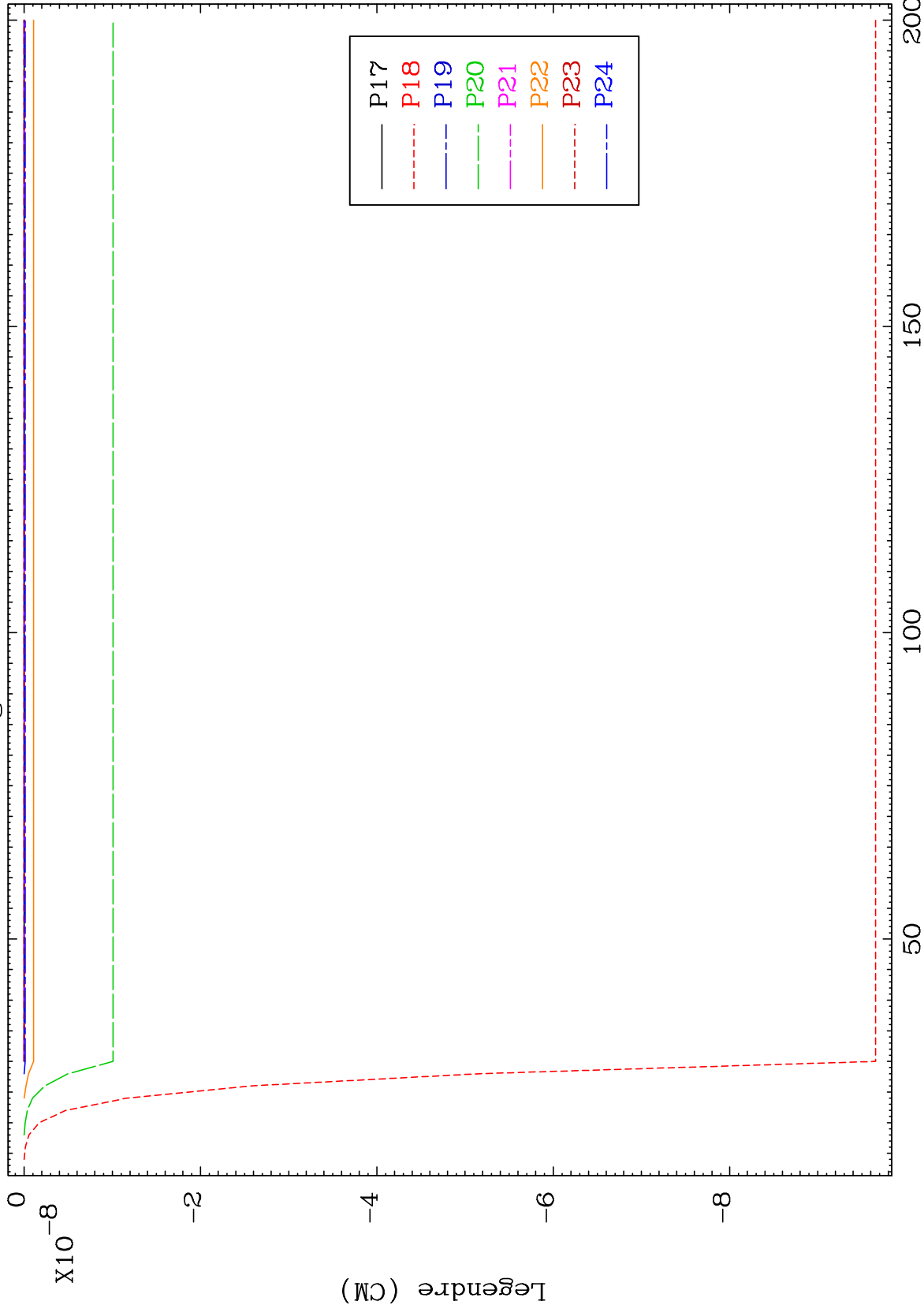
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



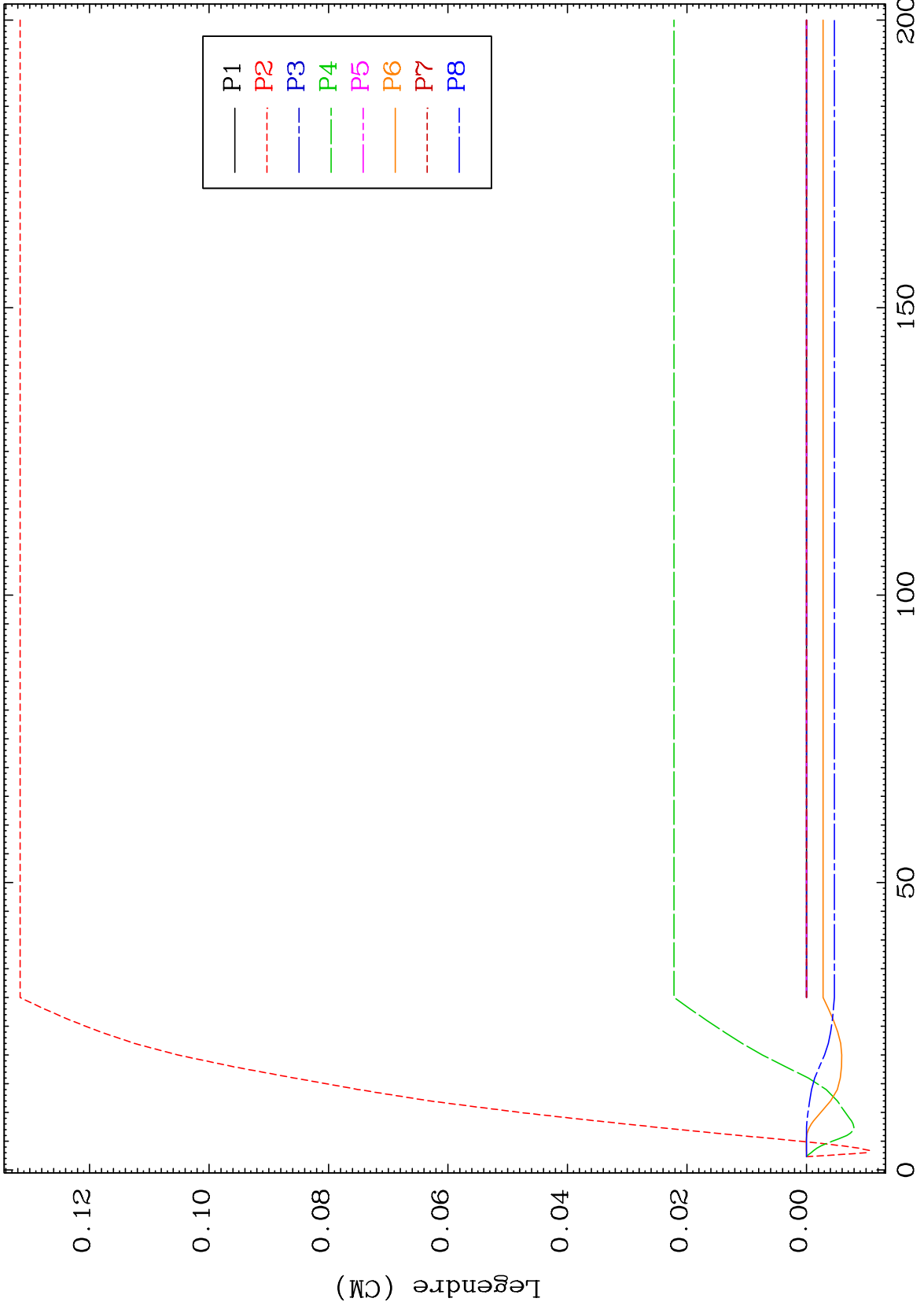
28-Ni-63

Incident Energy (MeV)

63

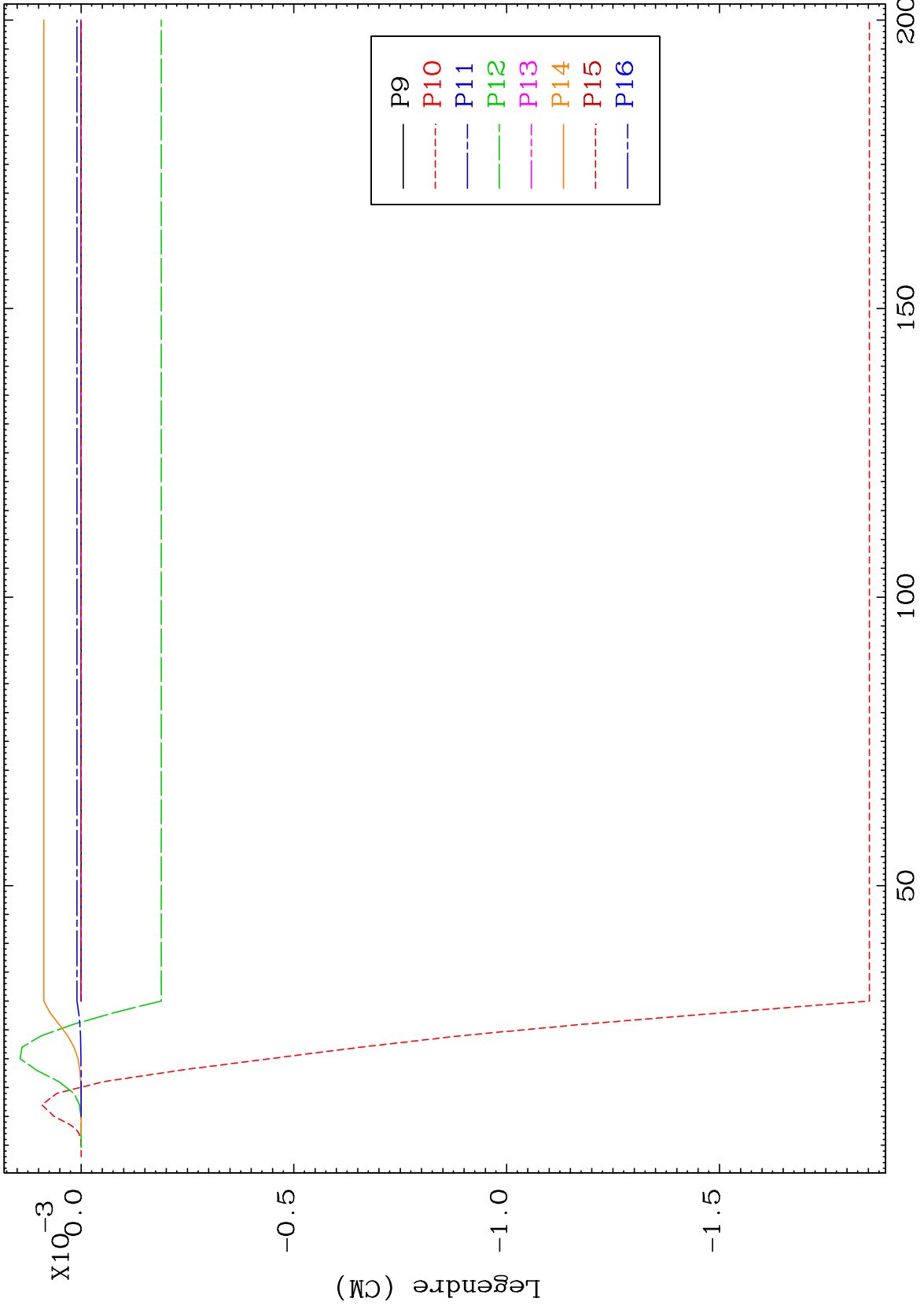


MAT 2840 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-63



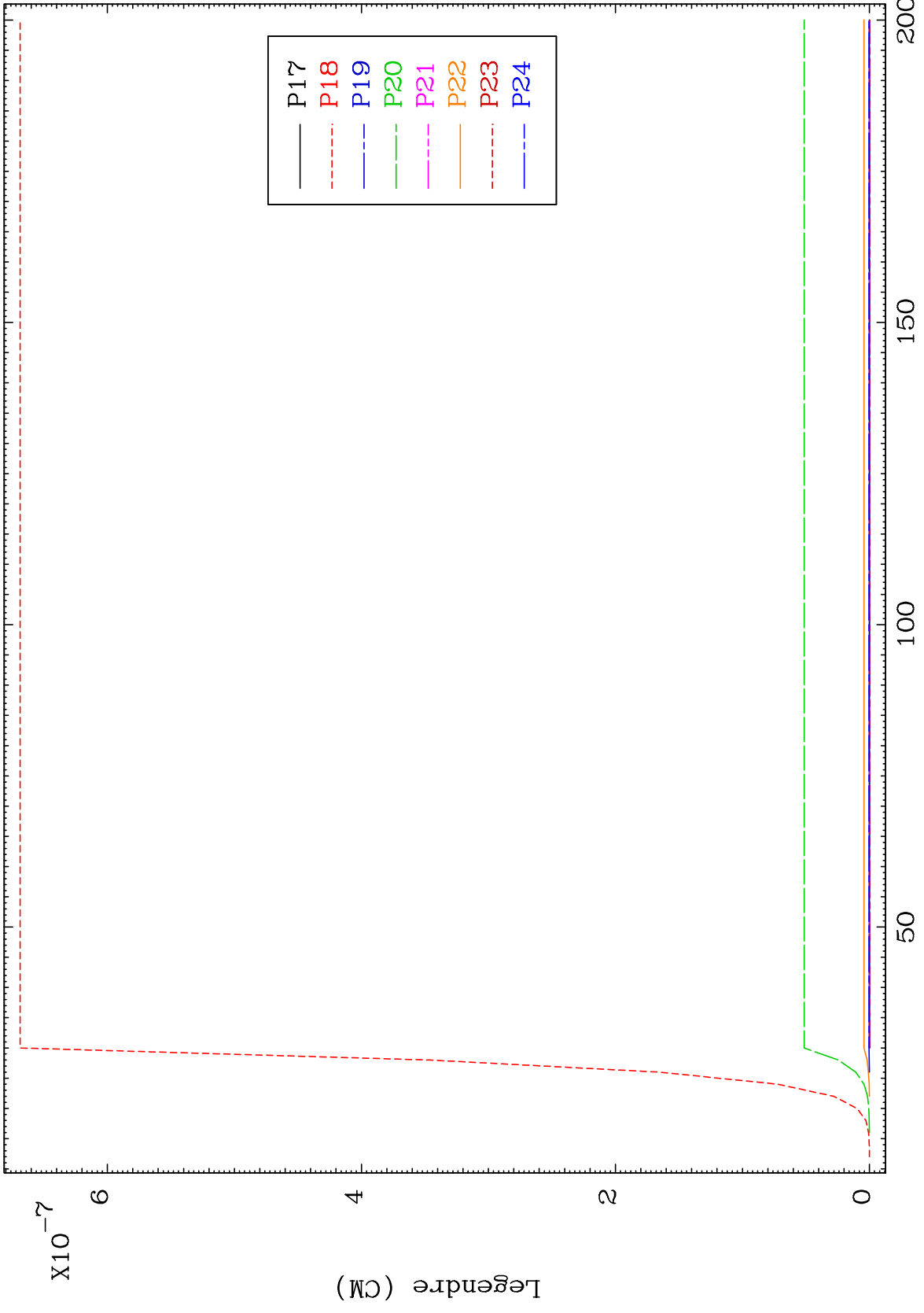
64 28-Ni-63

MAT 2840 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-63



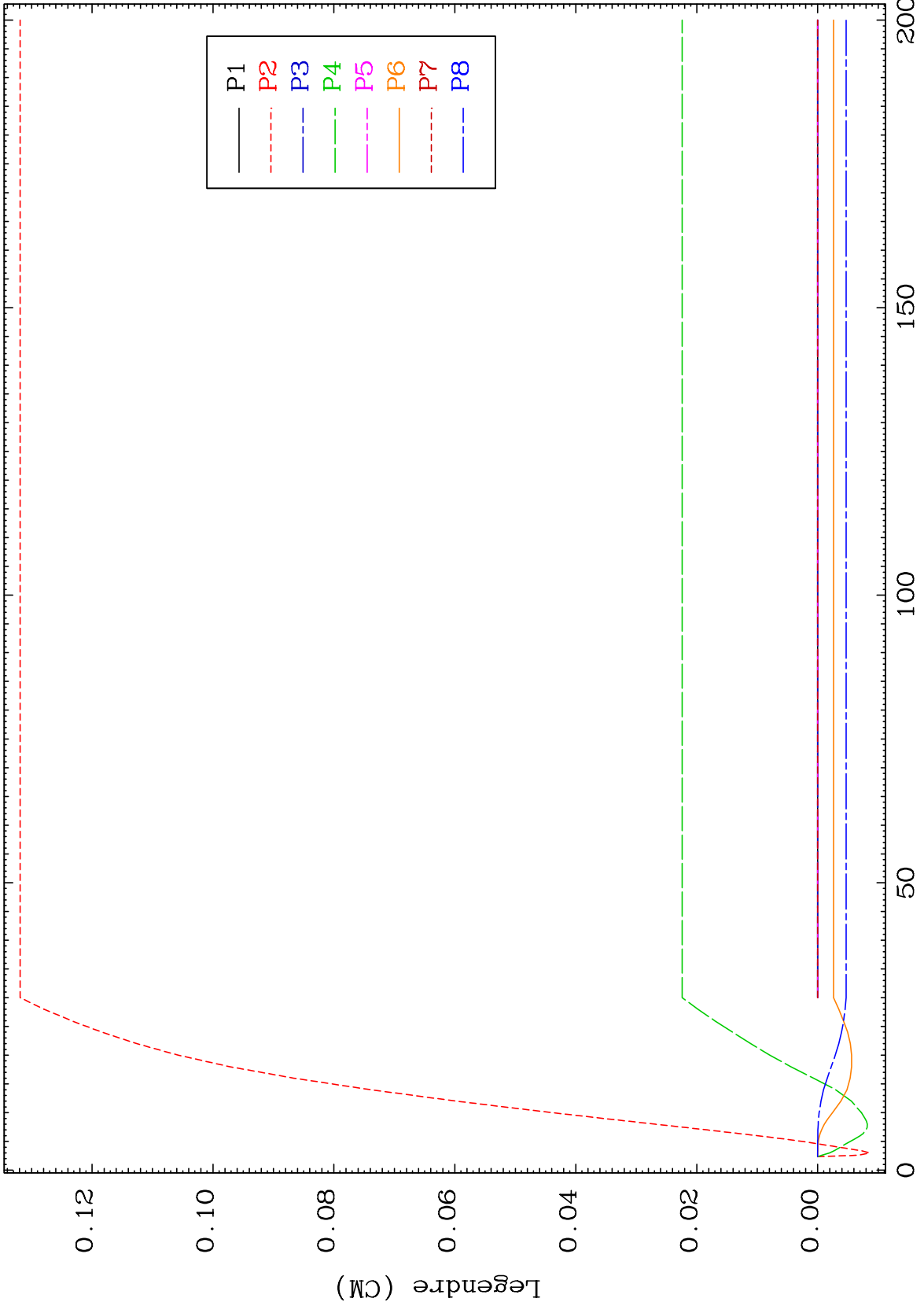
65 28-Ni-63

MAT 2840 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-63



66 28-Ni-63

MAT 2840 MT= 67 (n,n') Level Legendre Coefficients 28-Ni-63

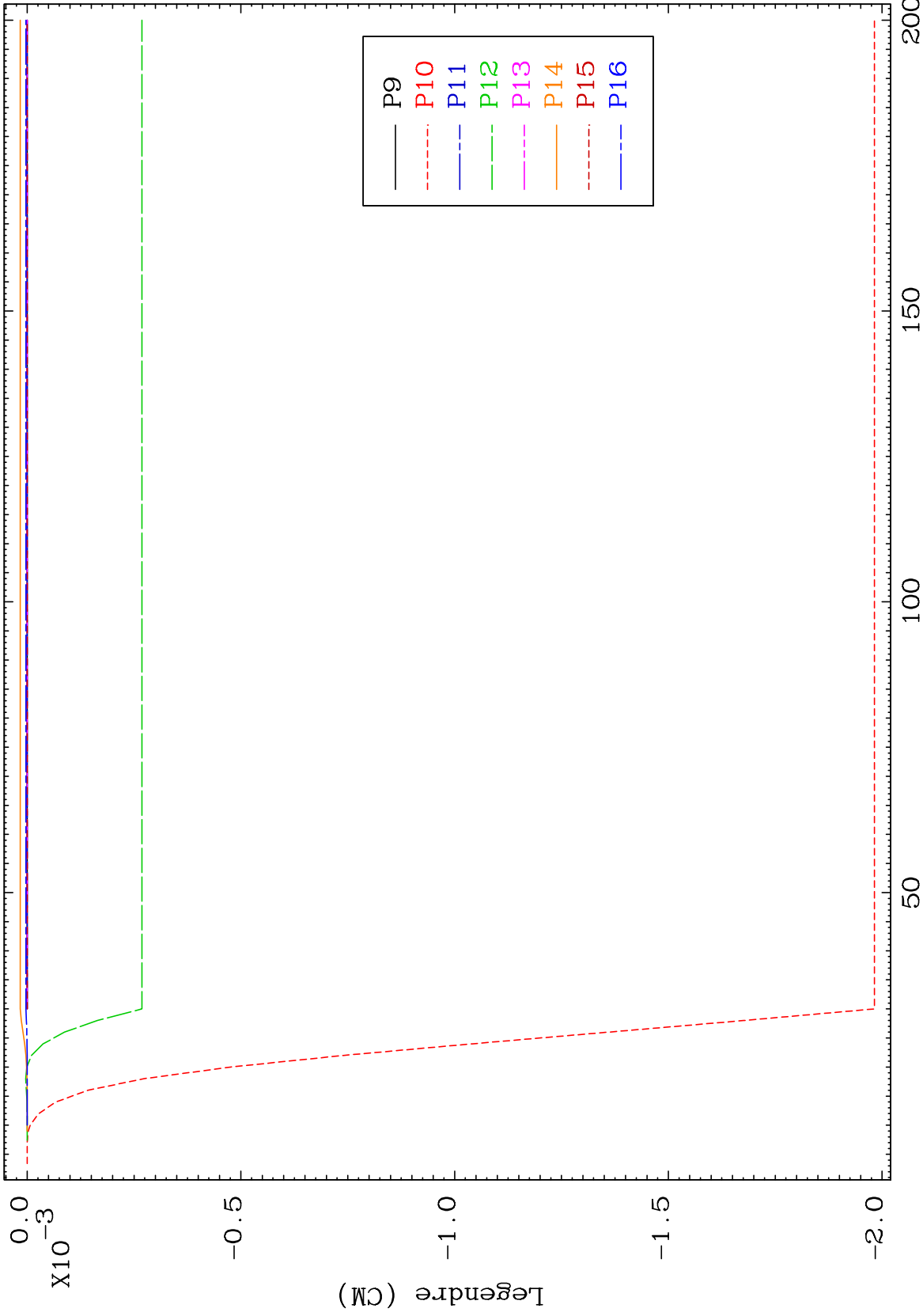


67 28-Ni-63

MAT 2840

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

28-Ni-63



68

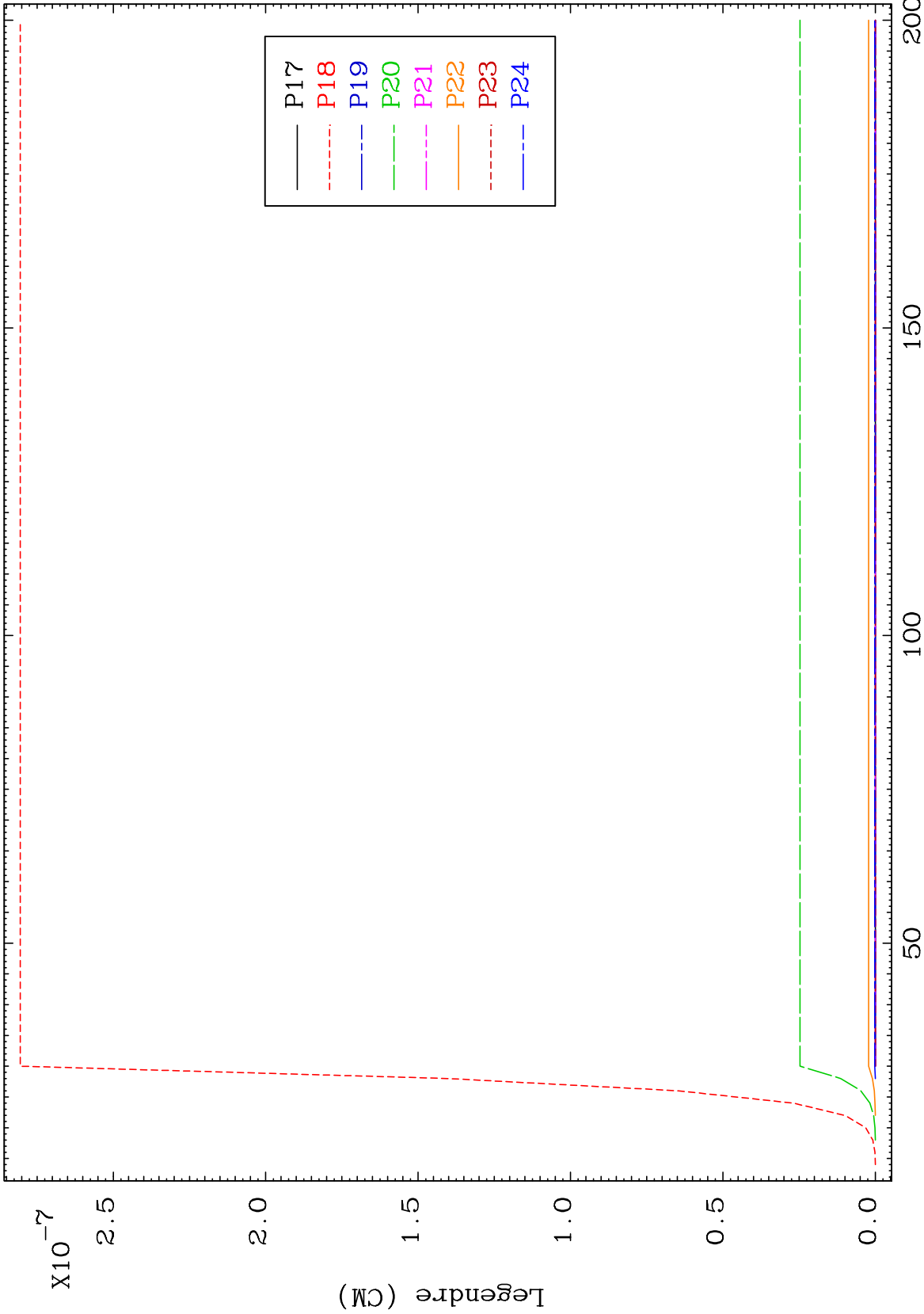
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63

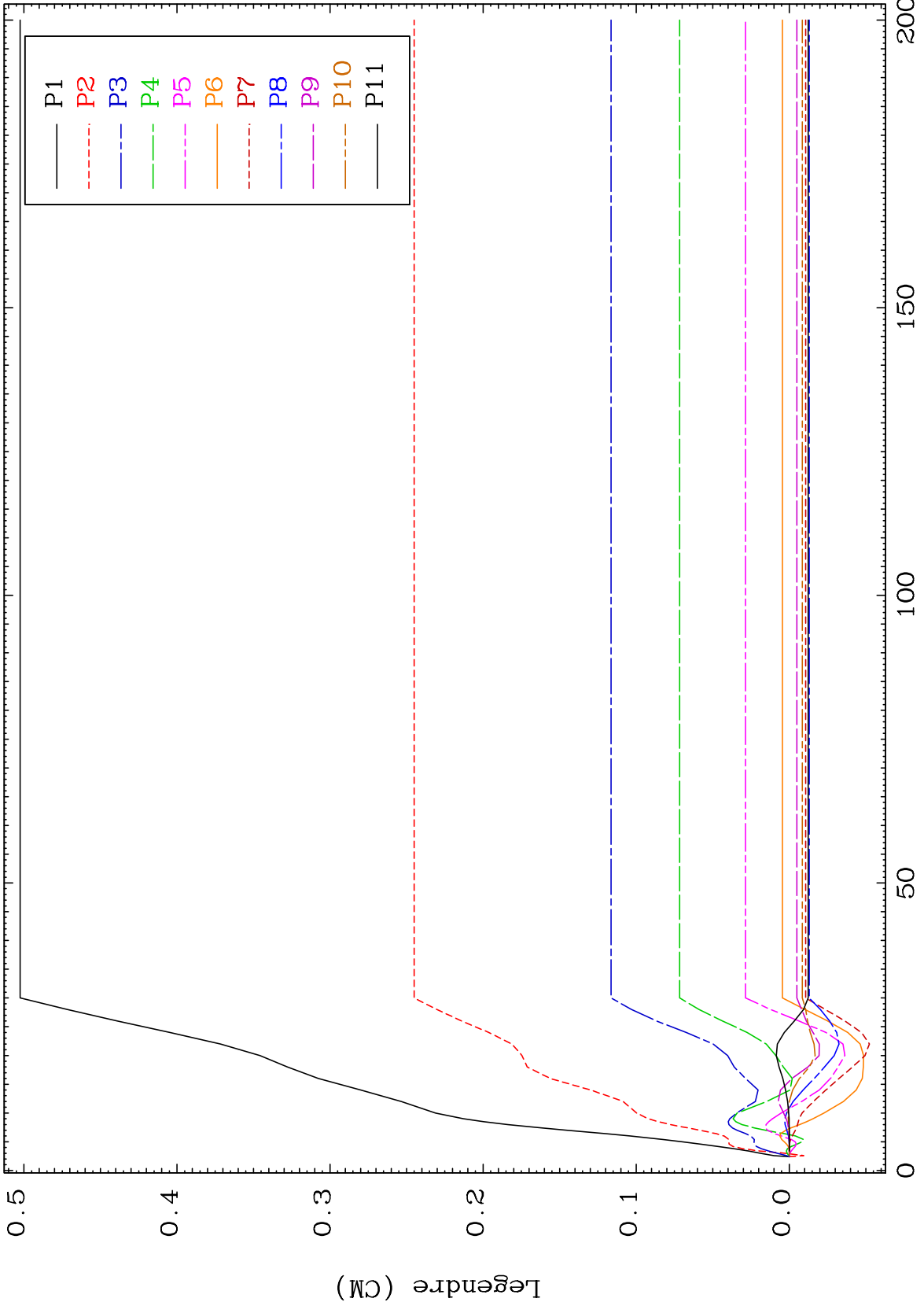


69

Incident Energy (MeV)

28-Ni-63

MAT 2840 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-63

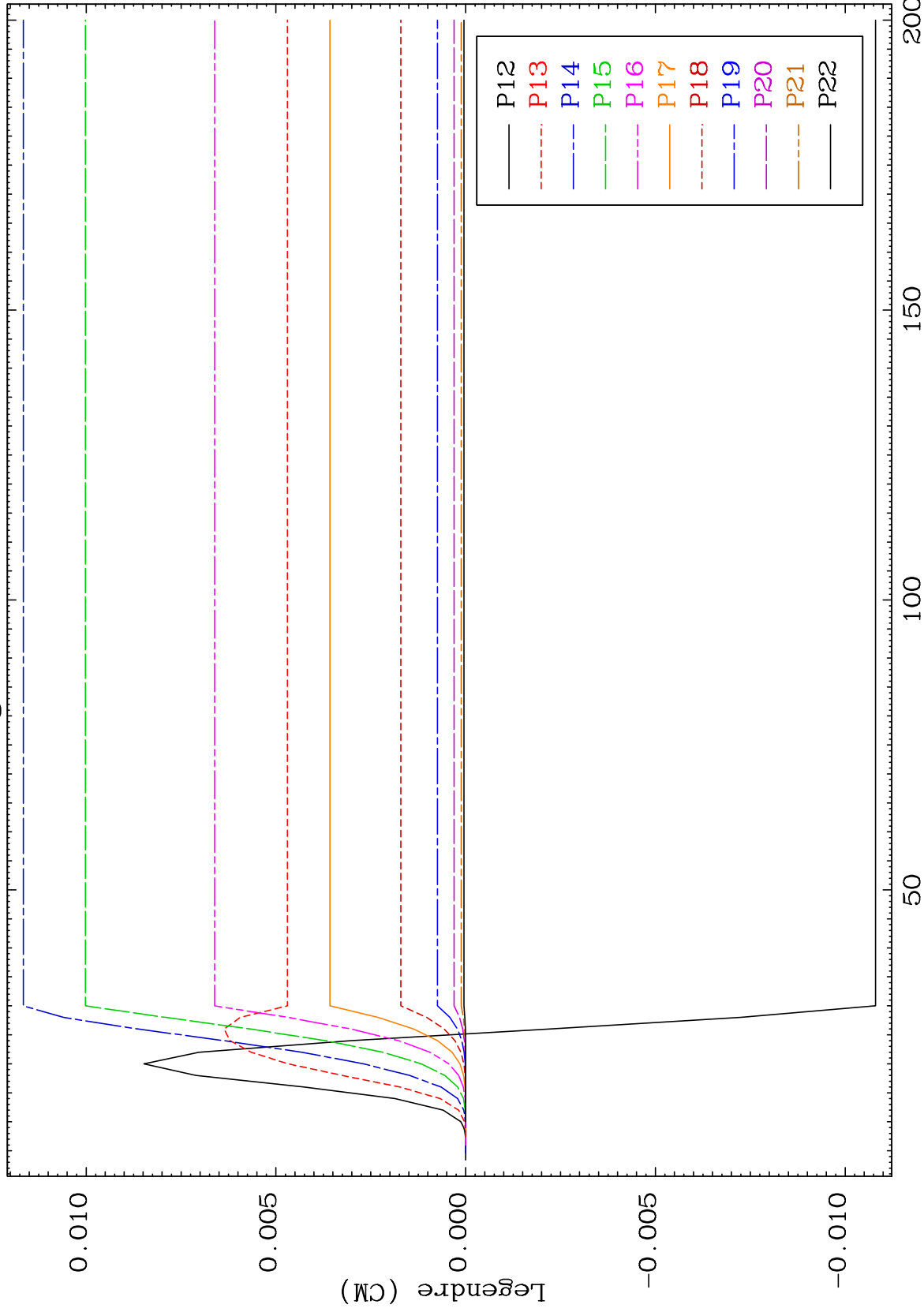


70 Incident Energy (MeV) 28-Ni-63

MAT 2840

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

28-Ni-63



71

Incident Energy (MeV)

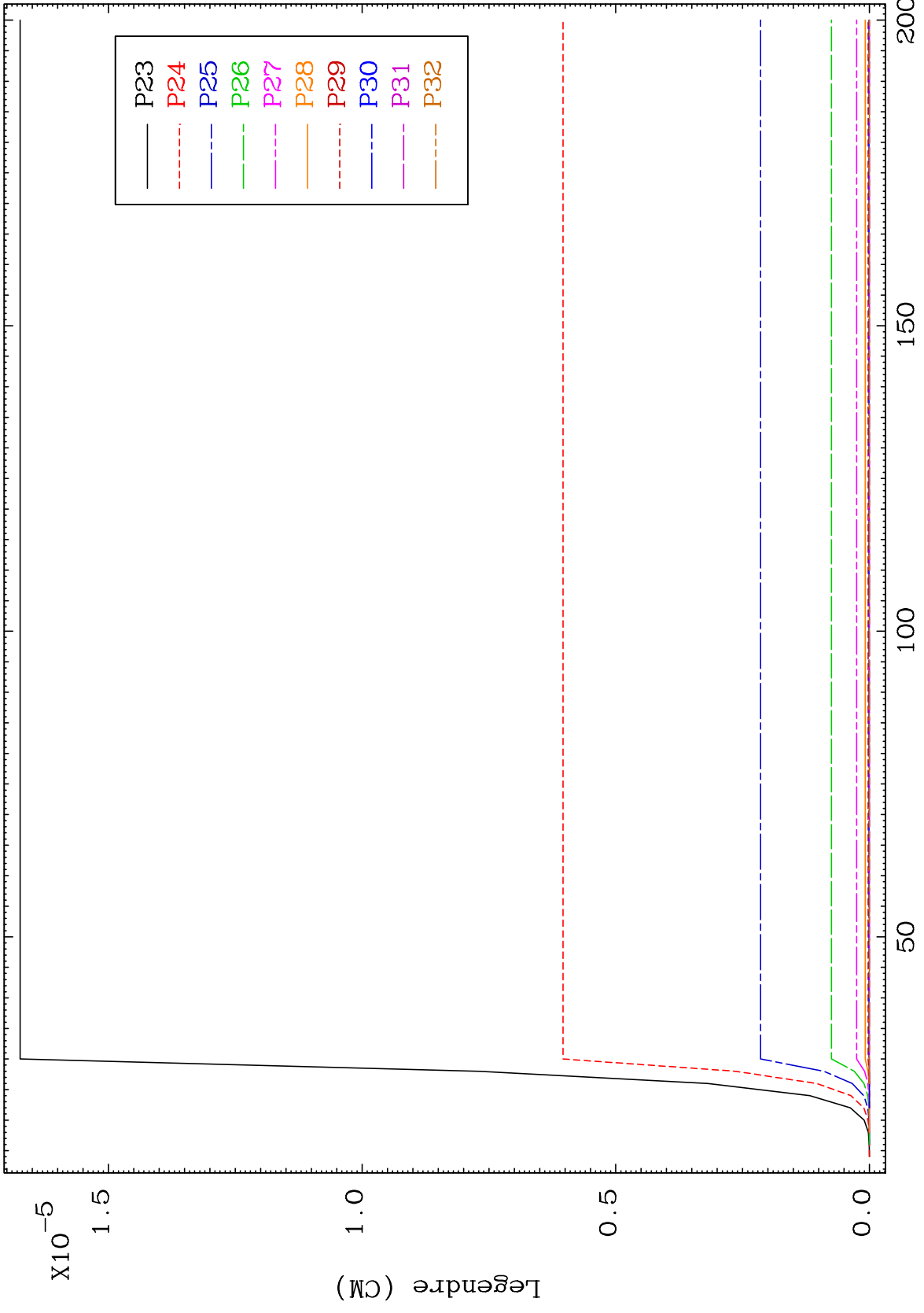
28-Ni-63



MAT 2840

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

28-Ni-63



72

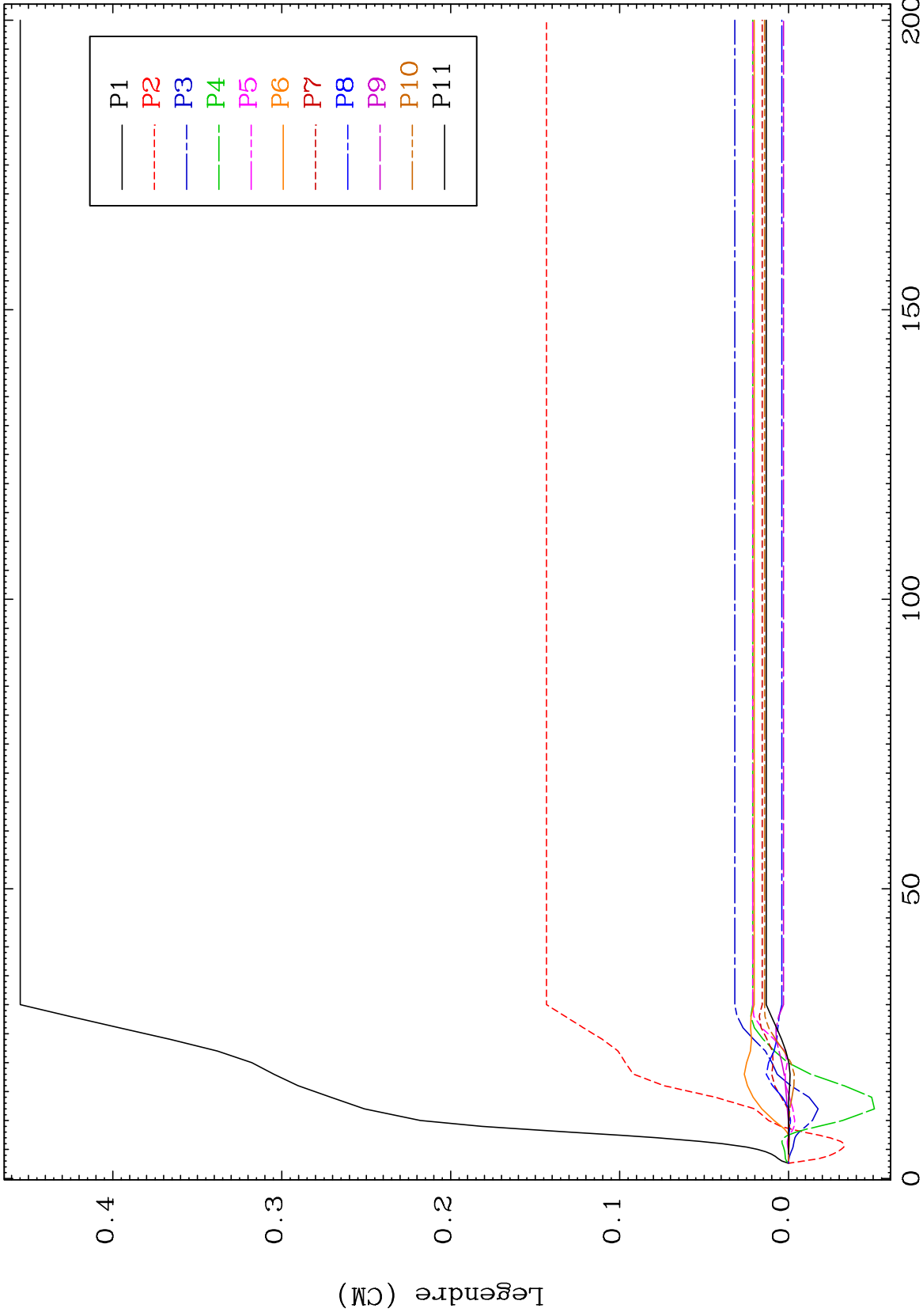
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



73

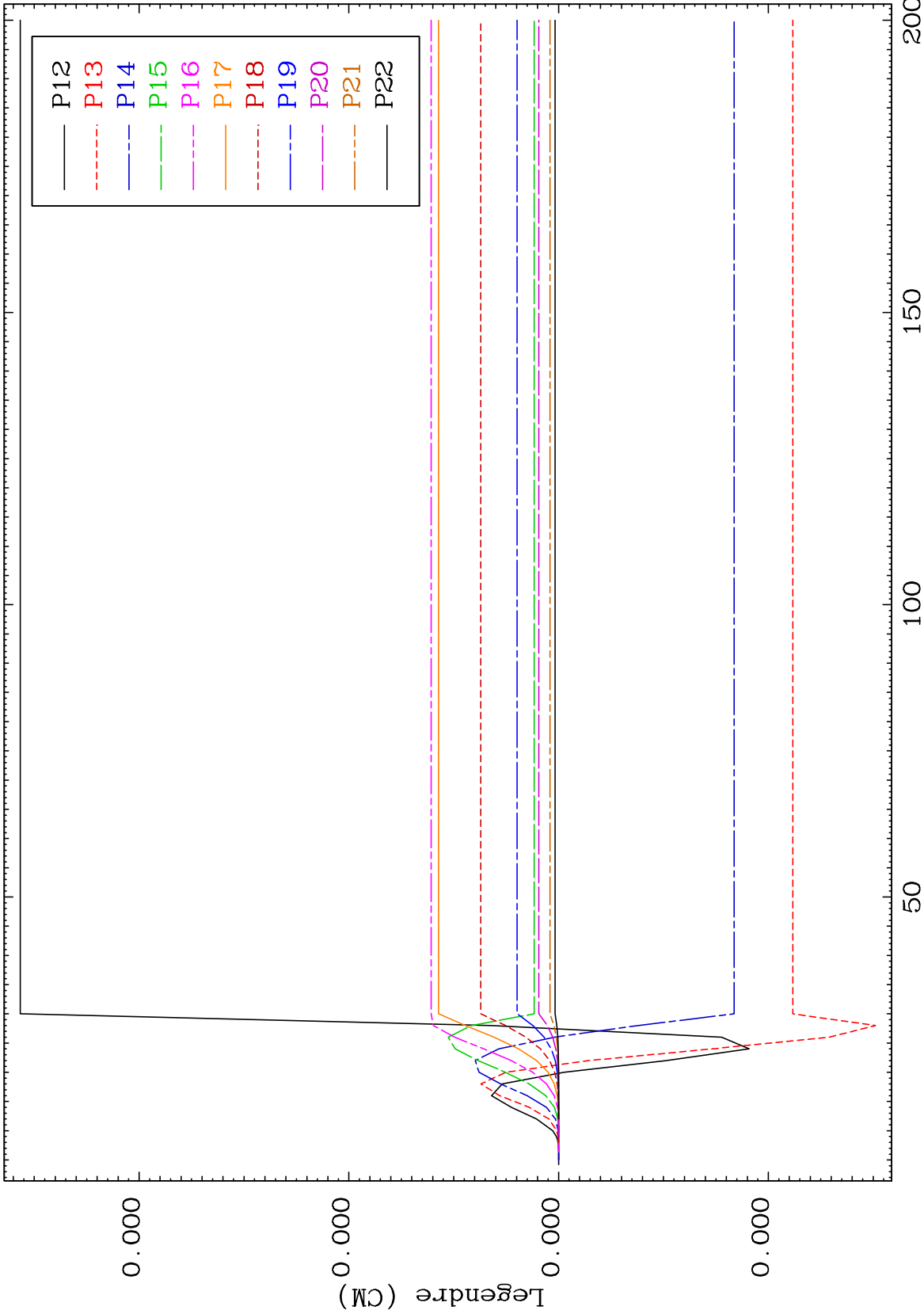
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



74

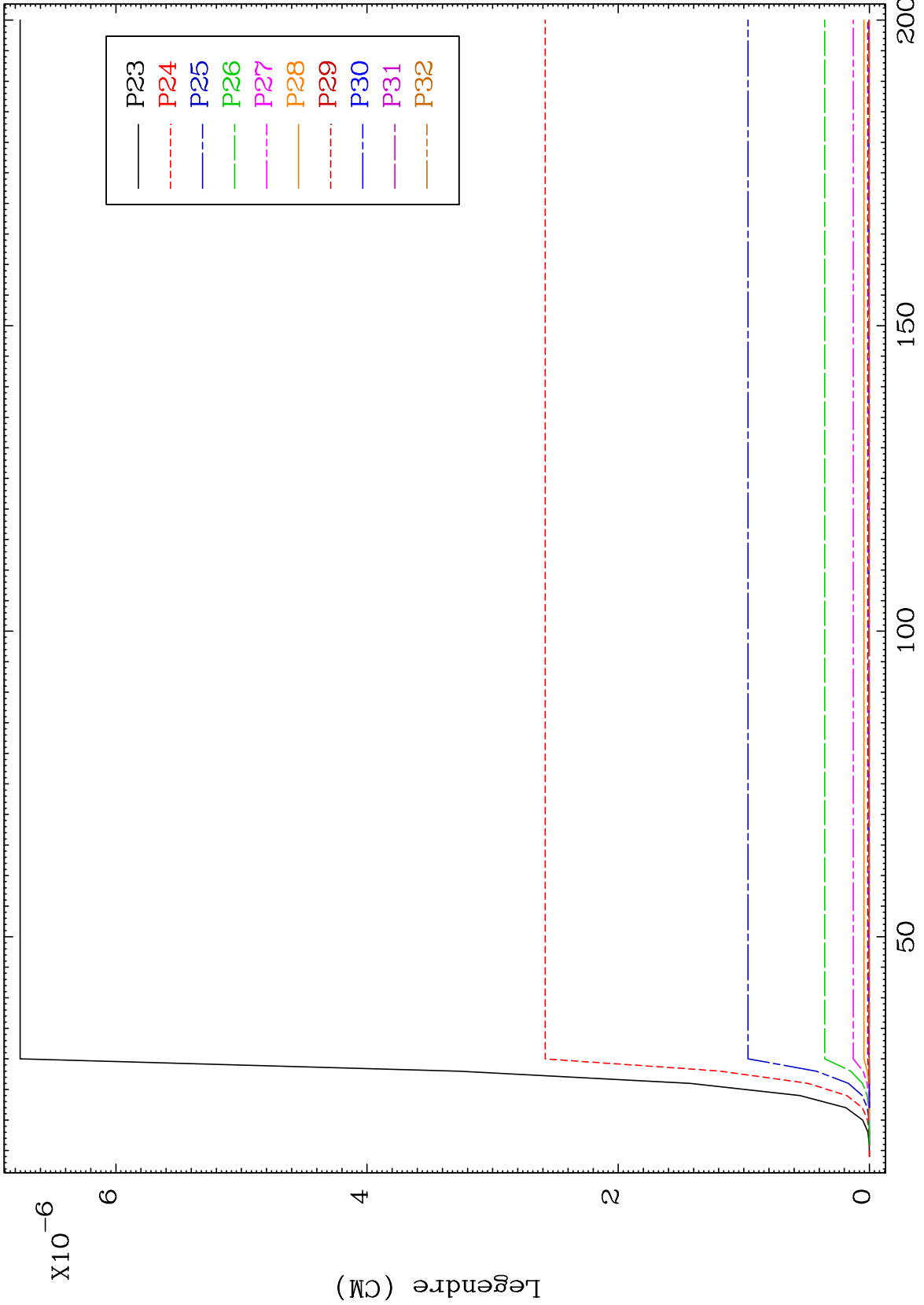
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



75

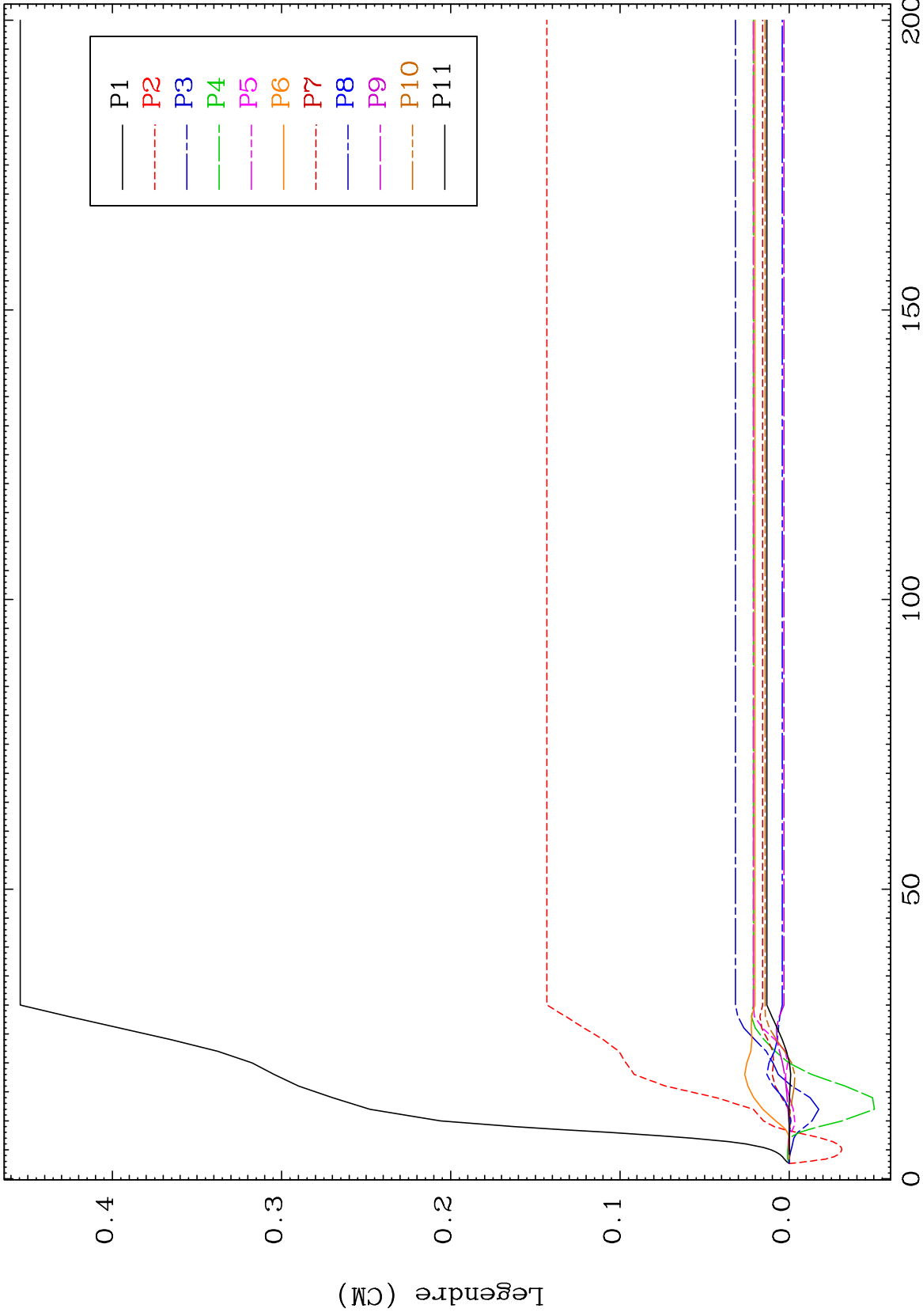
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



76

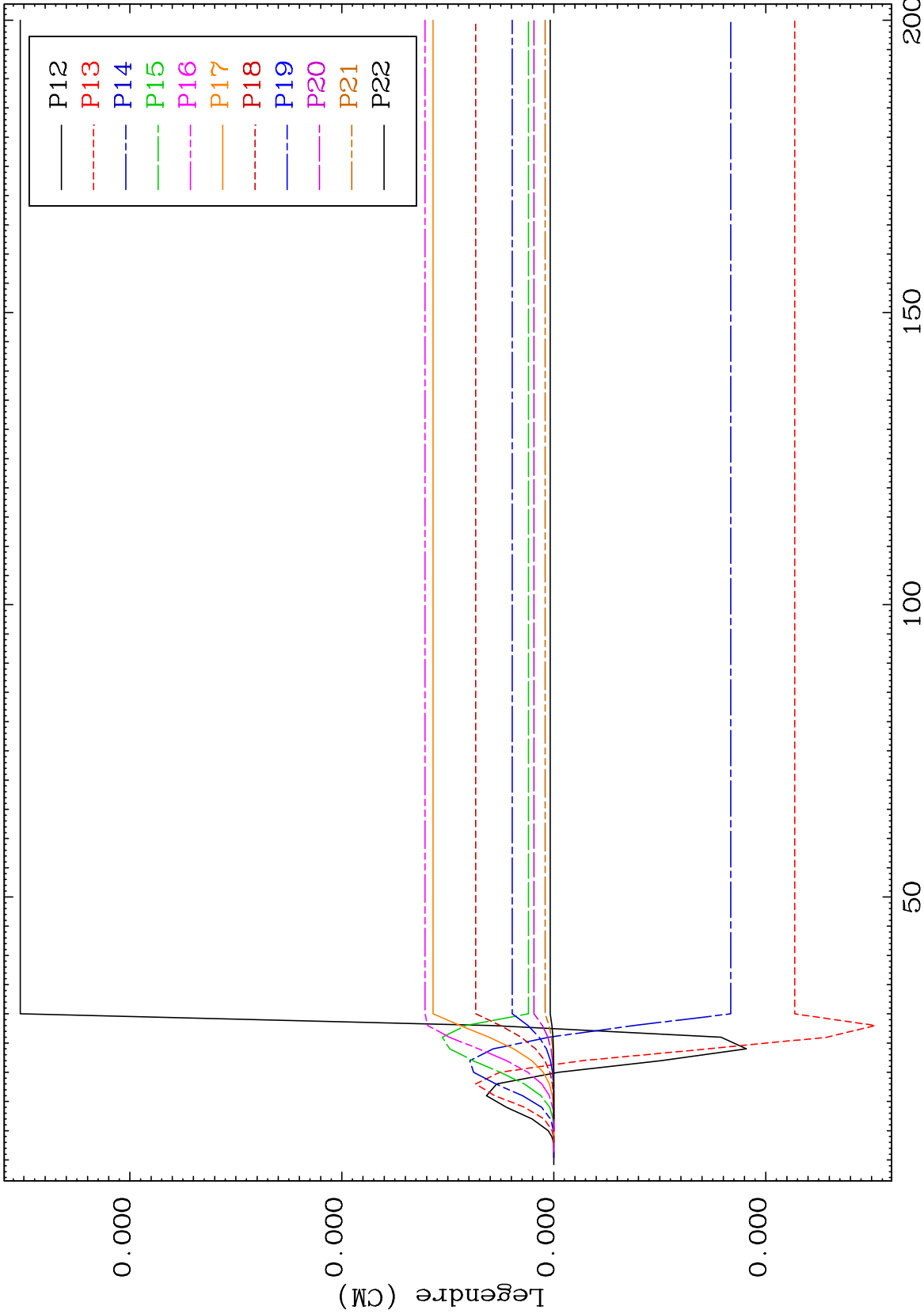
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



77

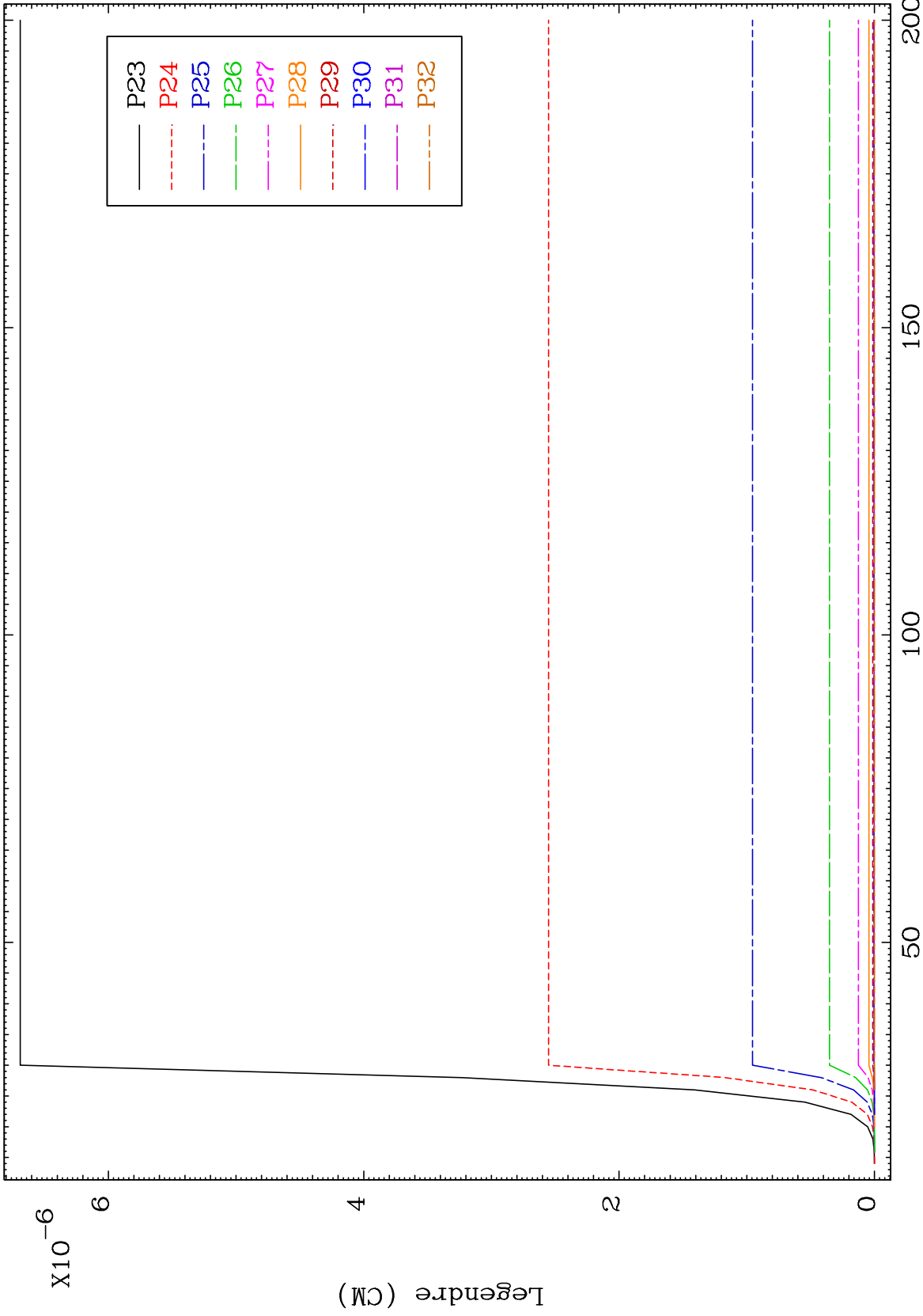
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63

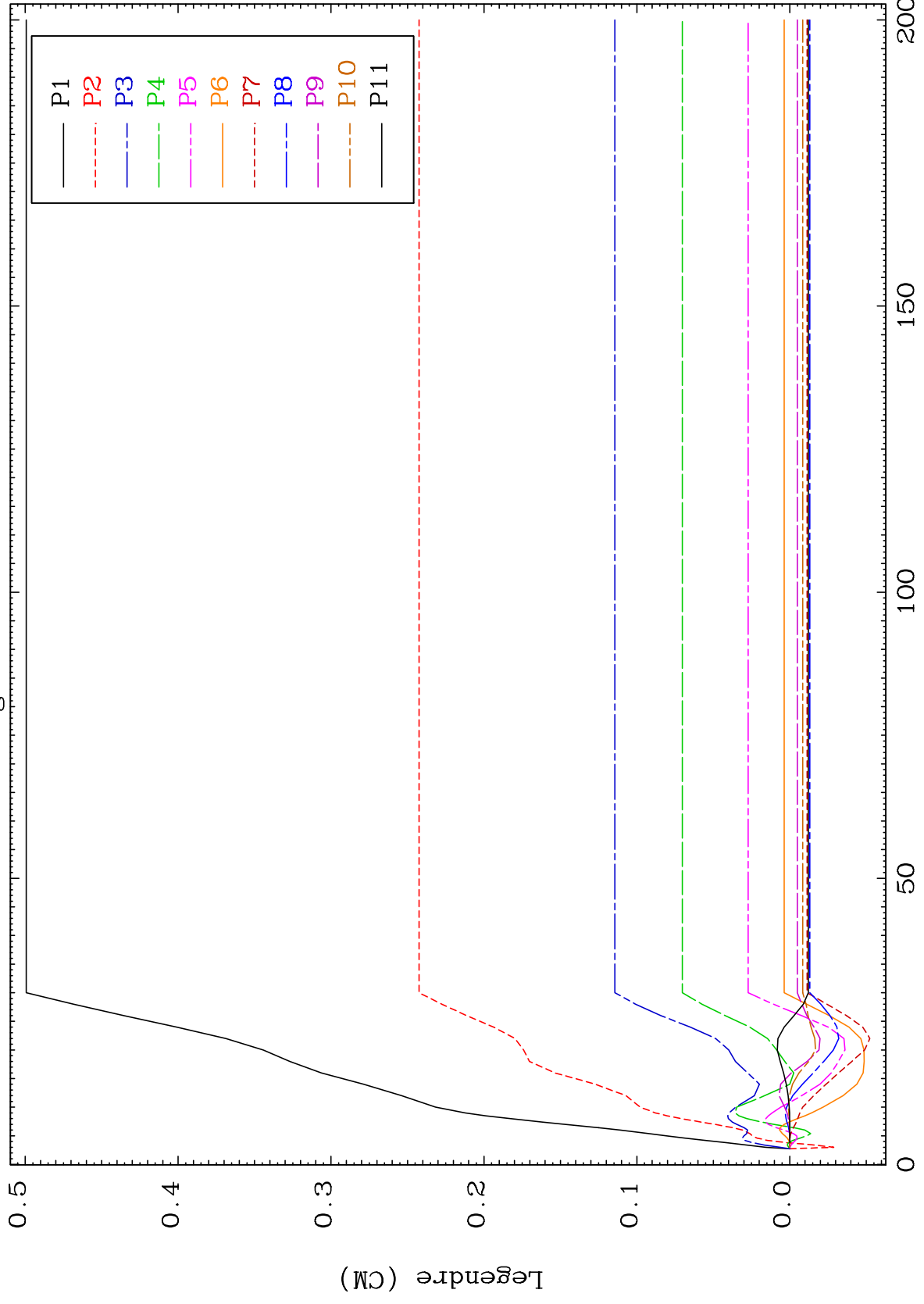


78

Incident Energy (MeV)

28-Ni-63

MAT 2840 MT= 71 (n,n') Level Legendre Coefficients 28-Ni-63



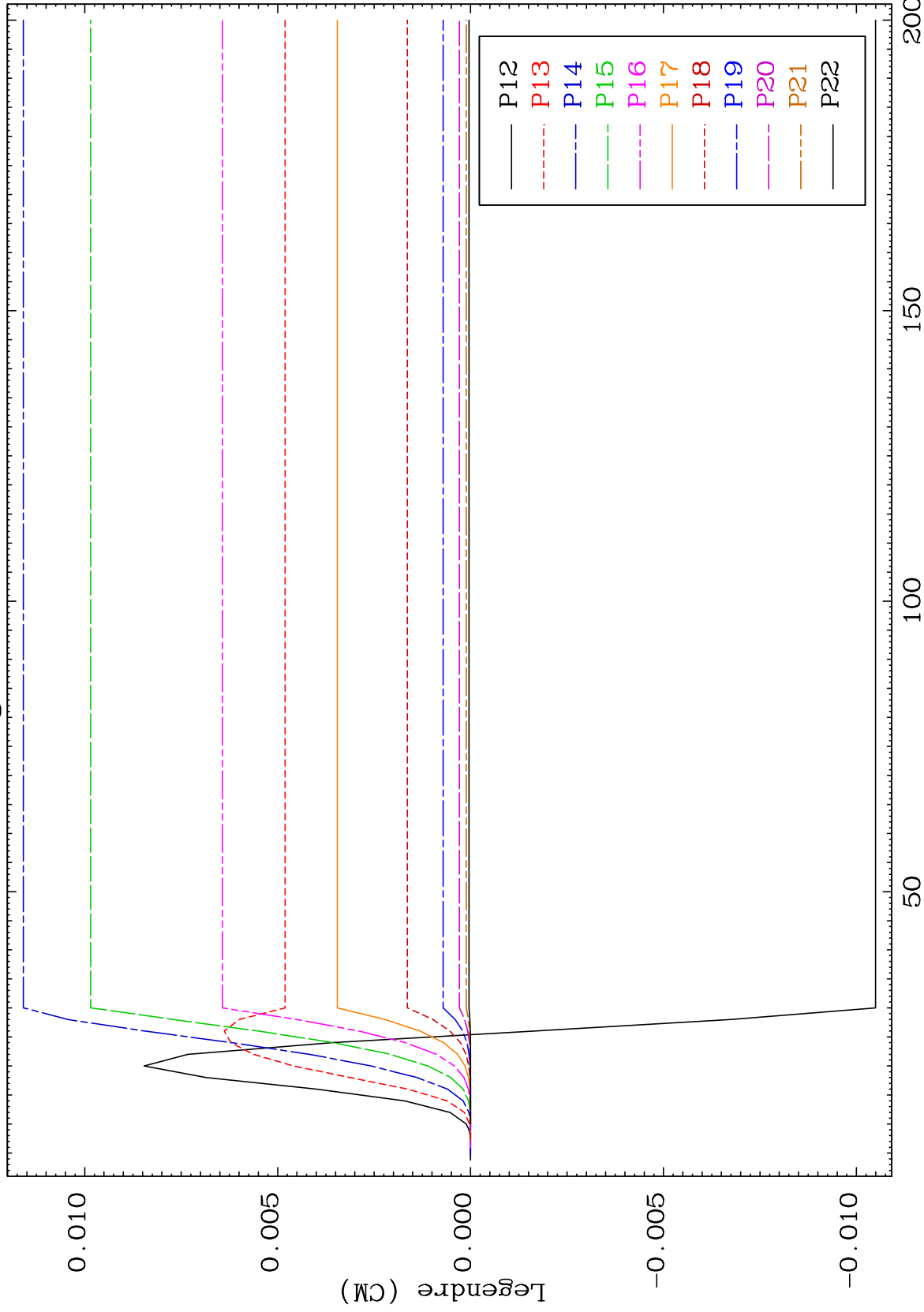
79 Incident Energy (MeV) 28-Ni-63



MAT 2840

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

28-Ni-63



80

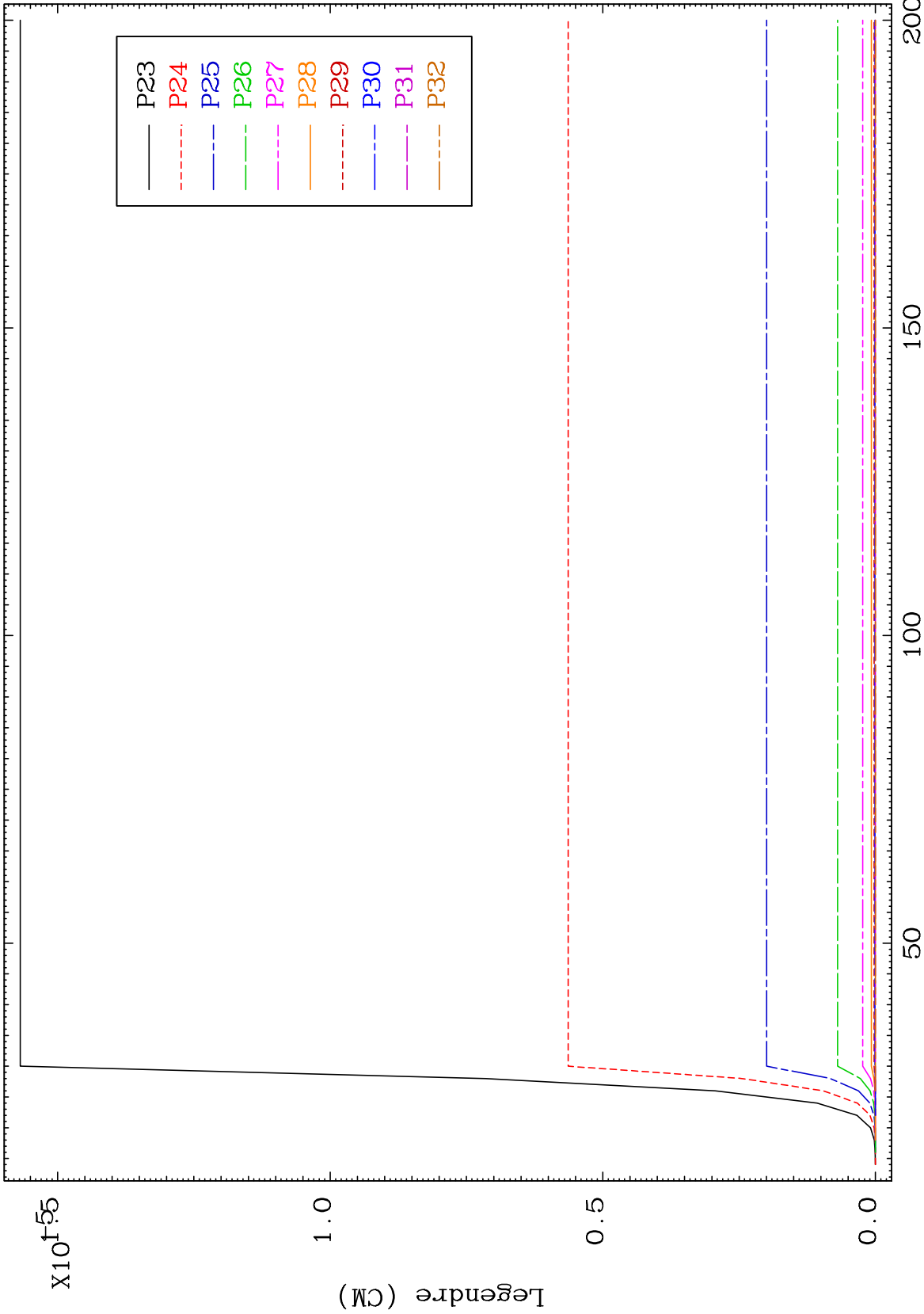
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63

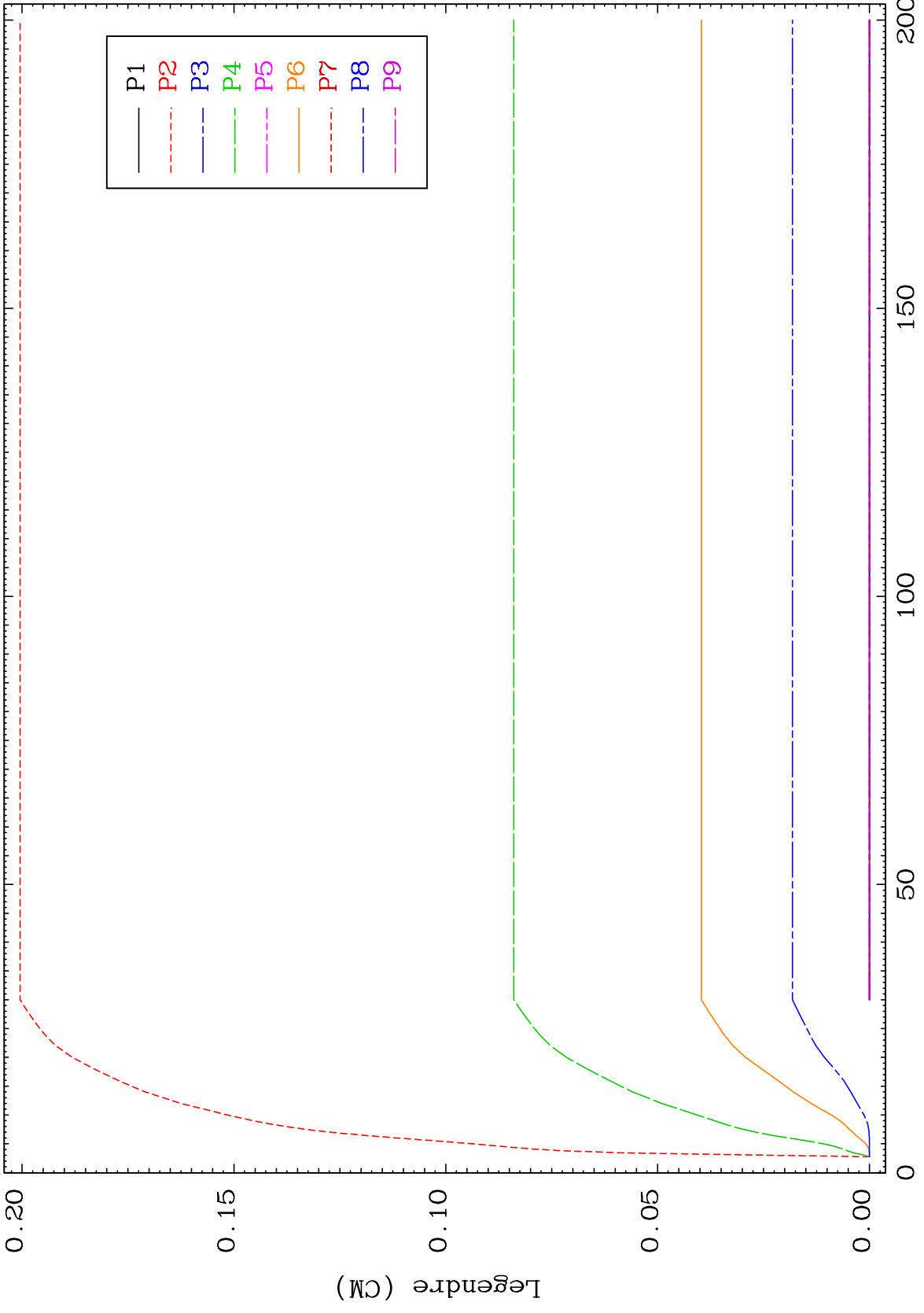


81

Incident Energy (MeV)

28-Ni-63

MAT 2840 MT= 72 (n,n') Level Legendre Coefficients 28-Ni-63

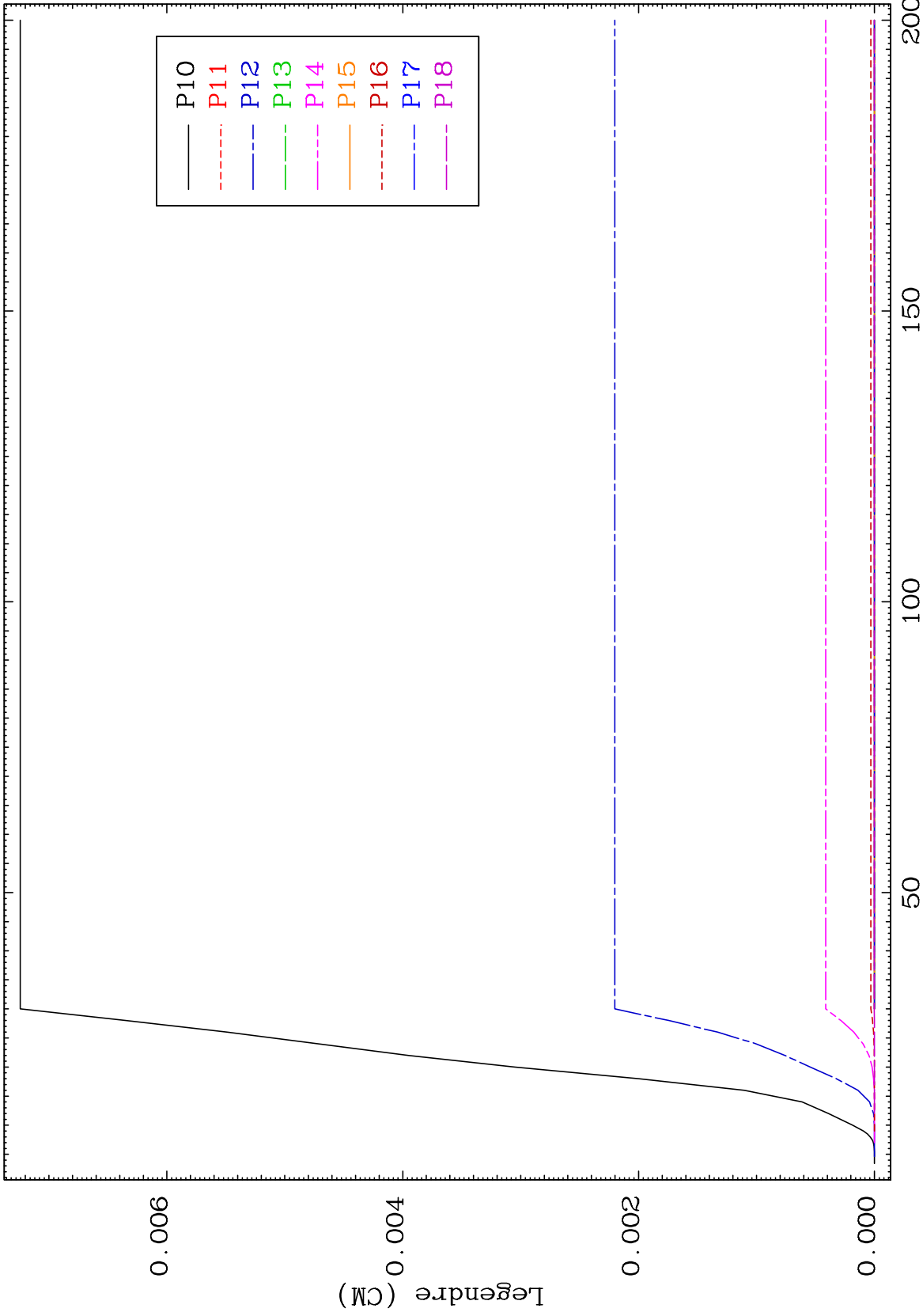


82 Incident Energy (MeV) 28-Ni-63

MAT 2840

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

28-Ni-63

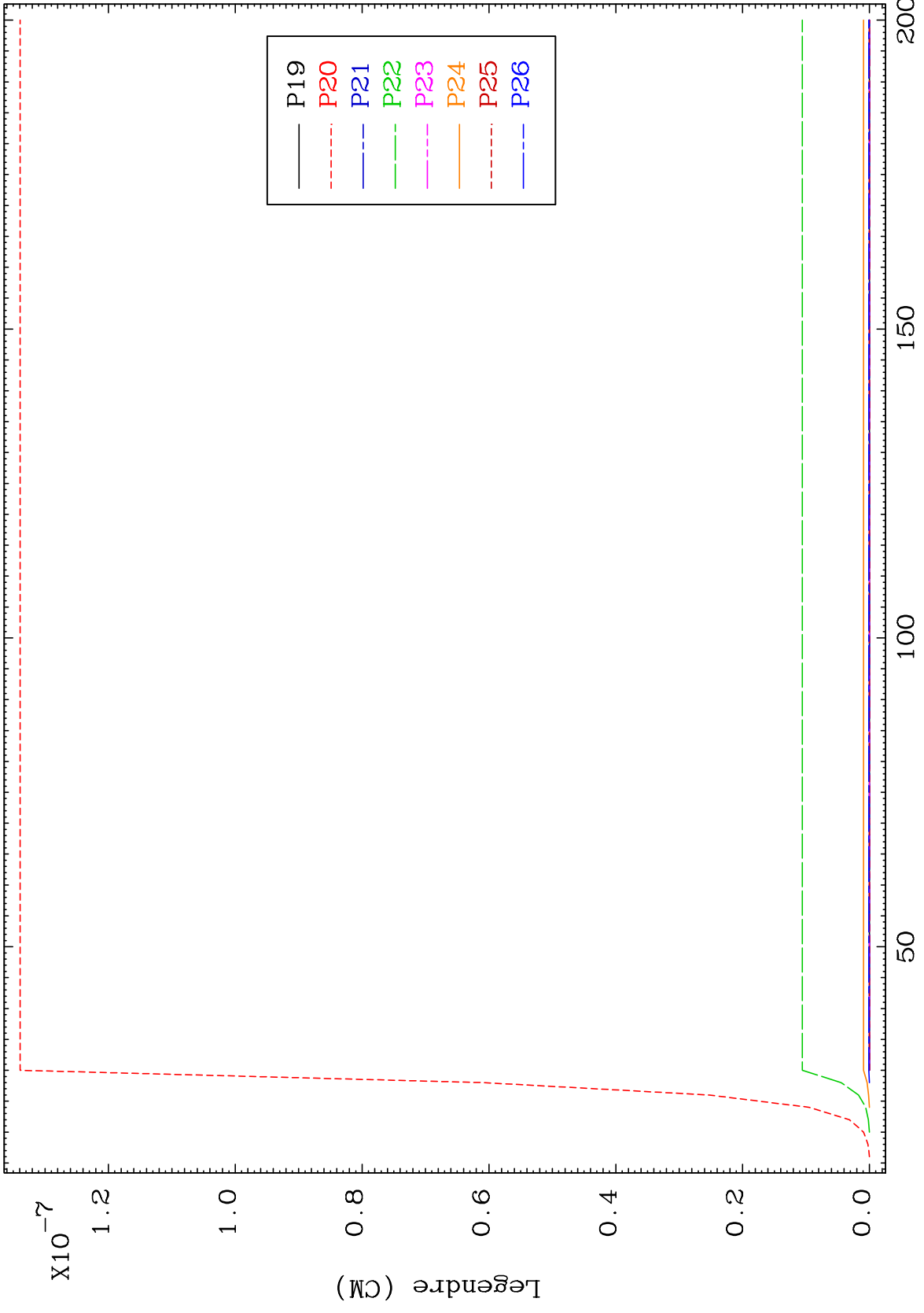


83

Incident Energy (MeV)

28-Ni-63

MAT 2840 MT= 72 (n,n') Level Legendre Coefficients 28-Ni-63

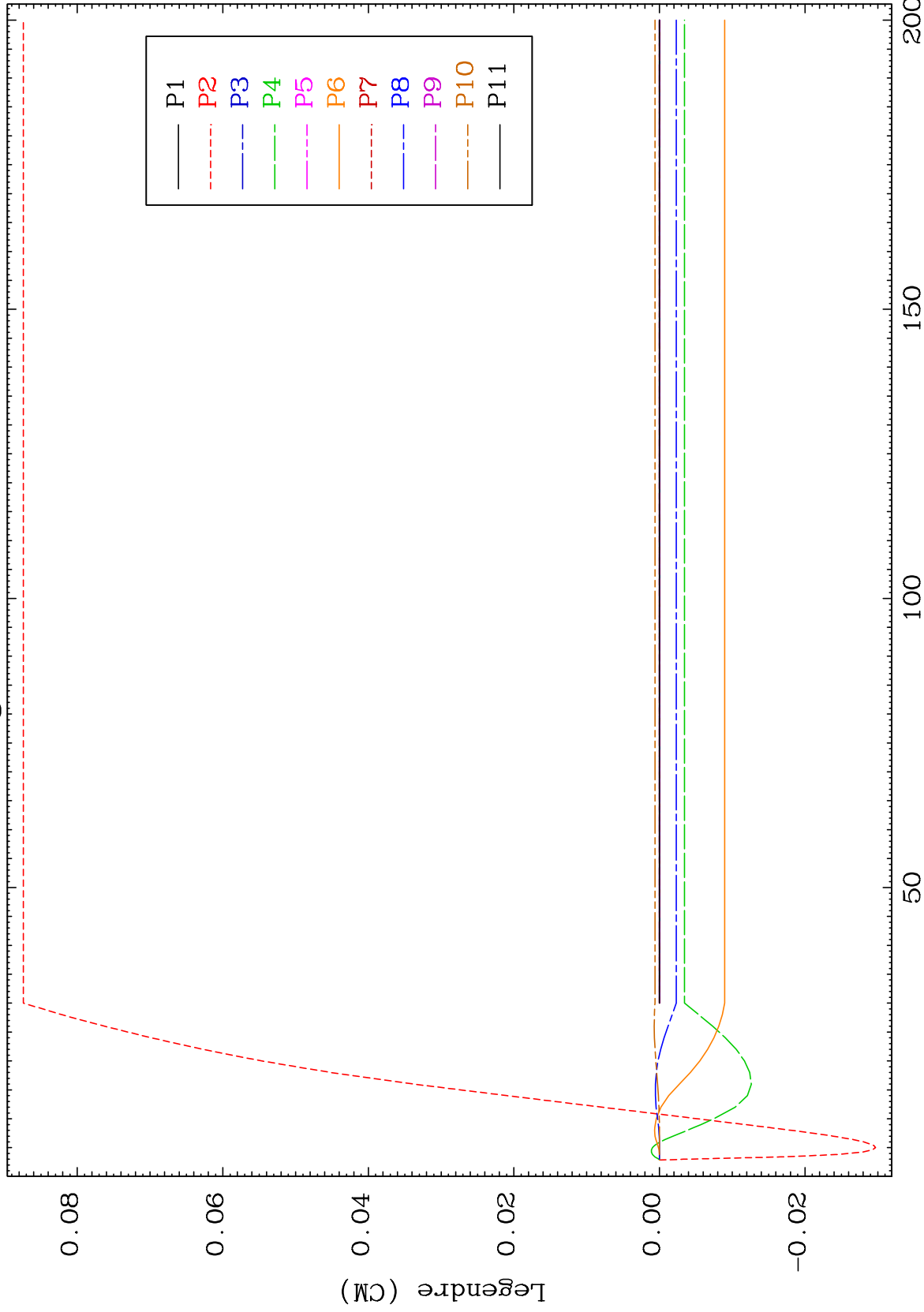


84 Incident Energy (MeV) 28-Ni-63

MAT 2840

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

28-Ni-63



85

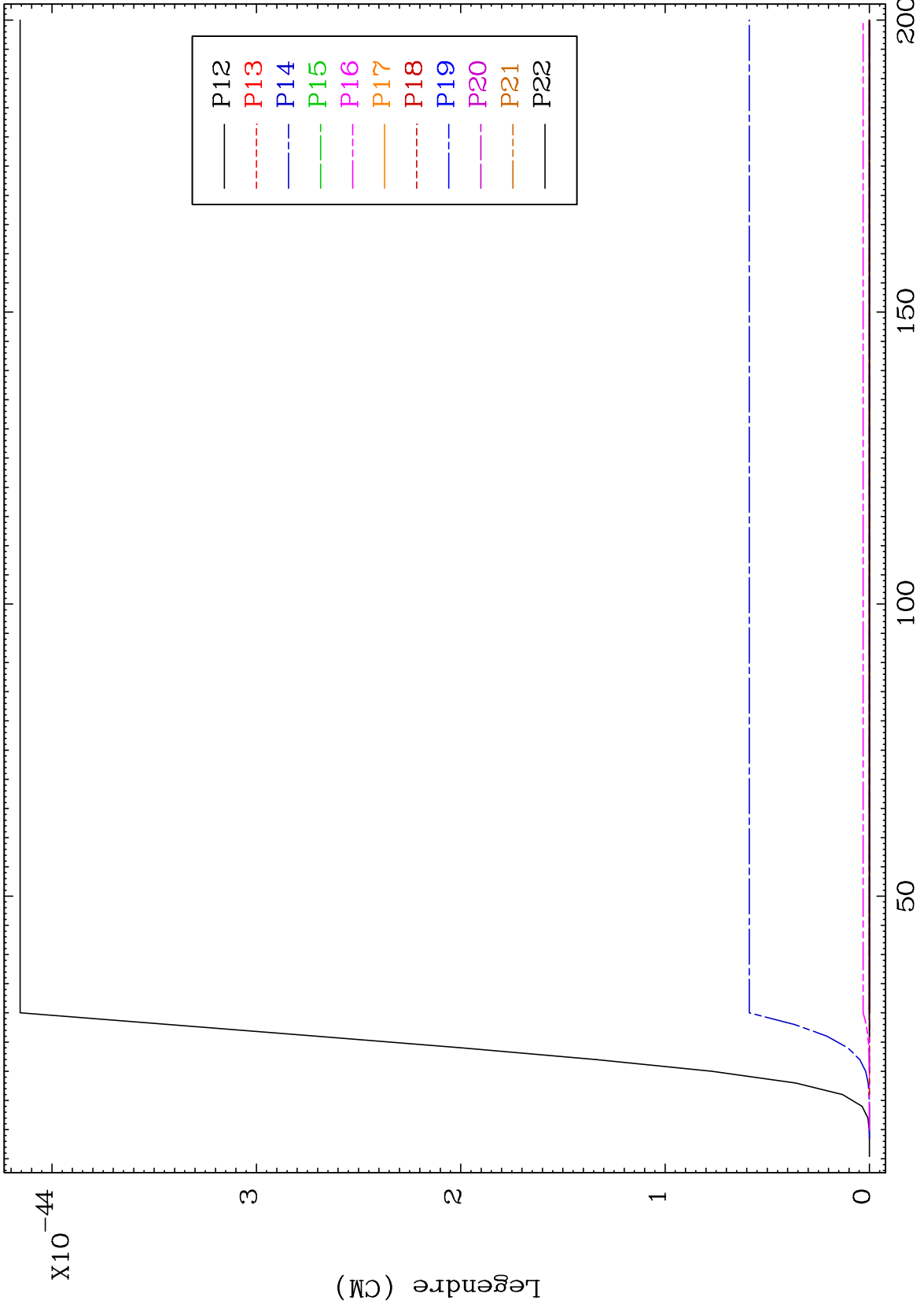
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63

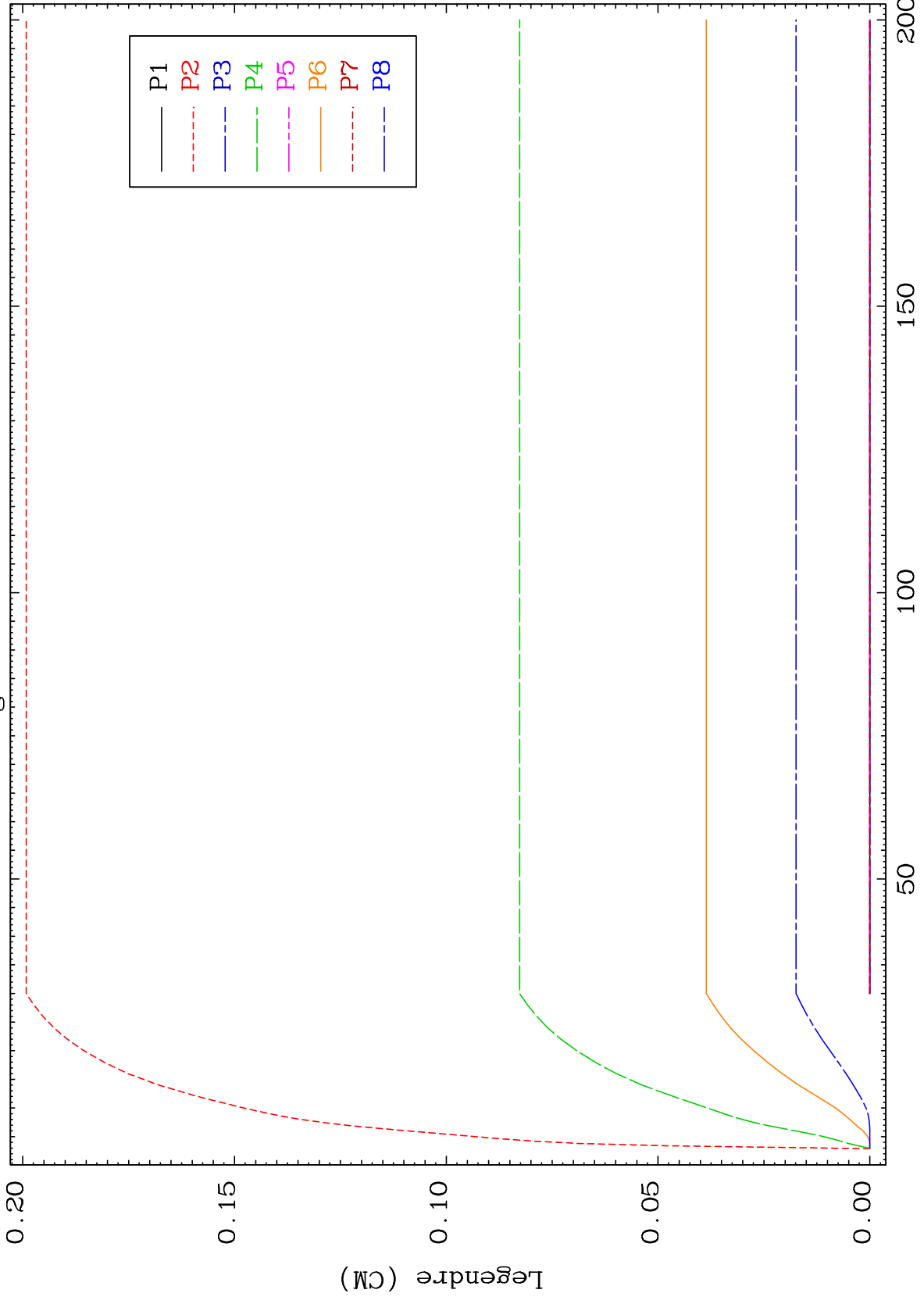


86

Incident Energy (MeV)

28-Ni-63

MAT 2840 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-63



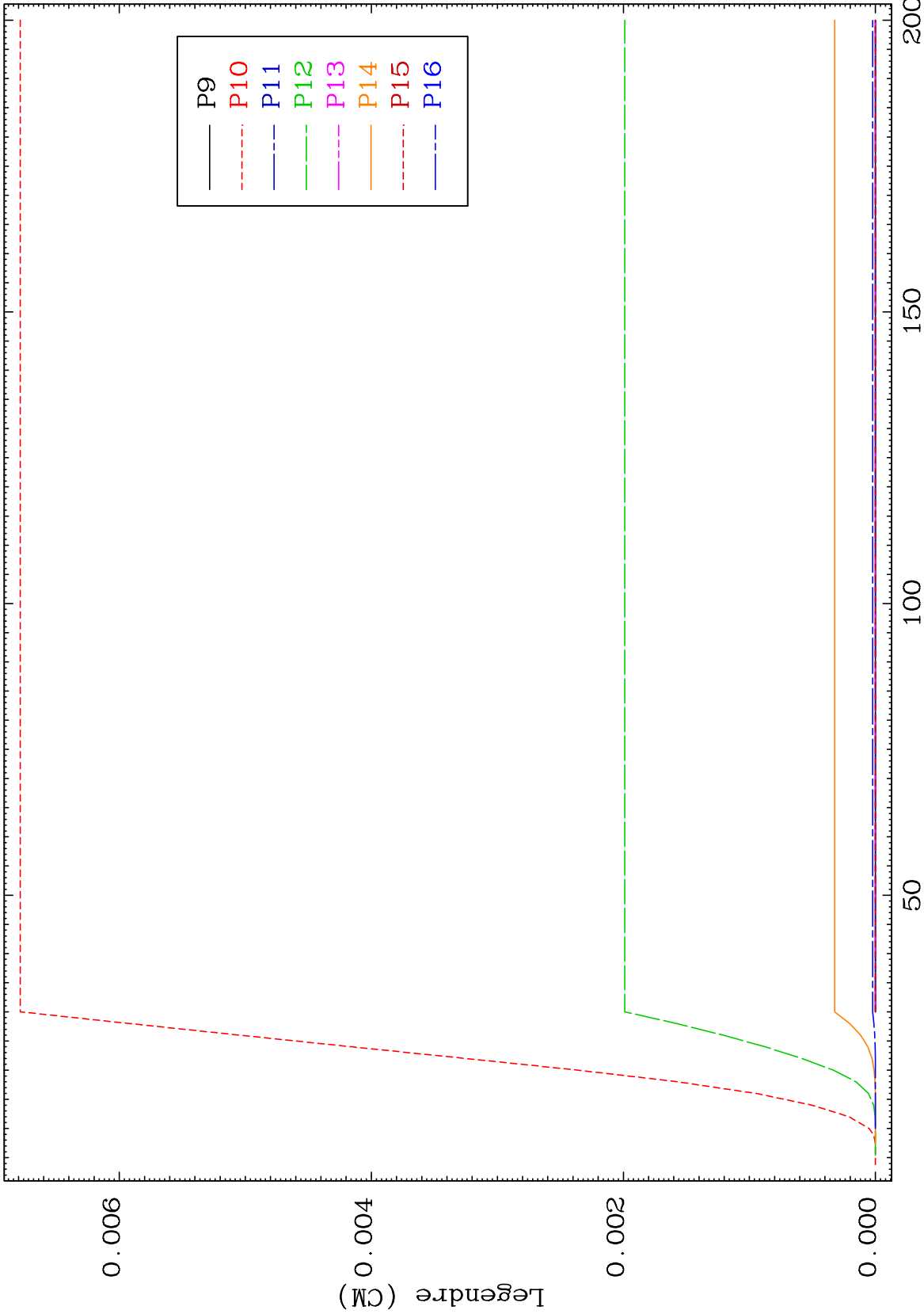
87 28-Ni-63



MAT 2840

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

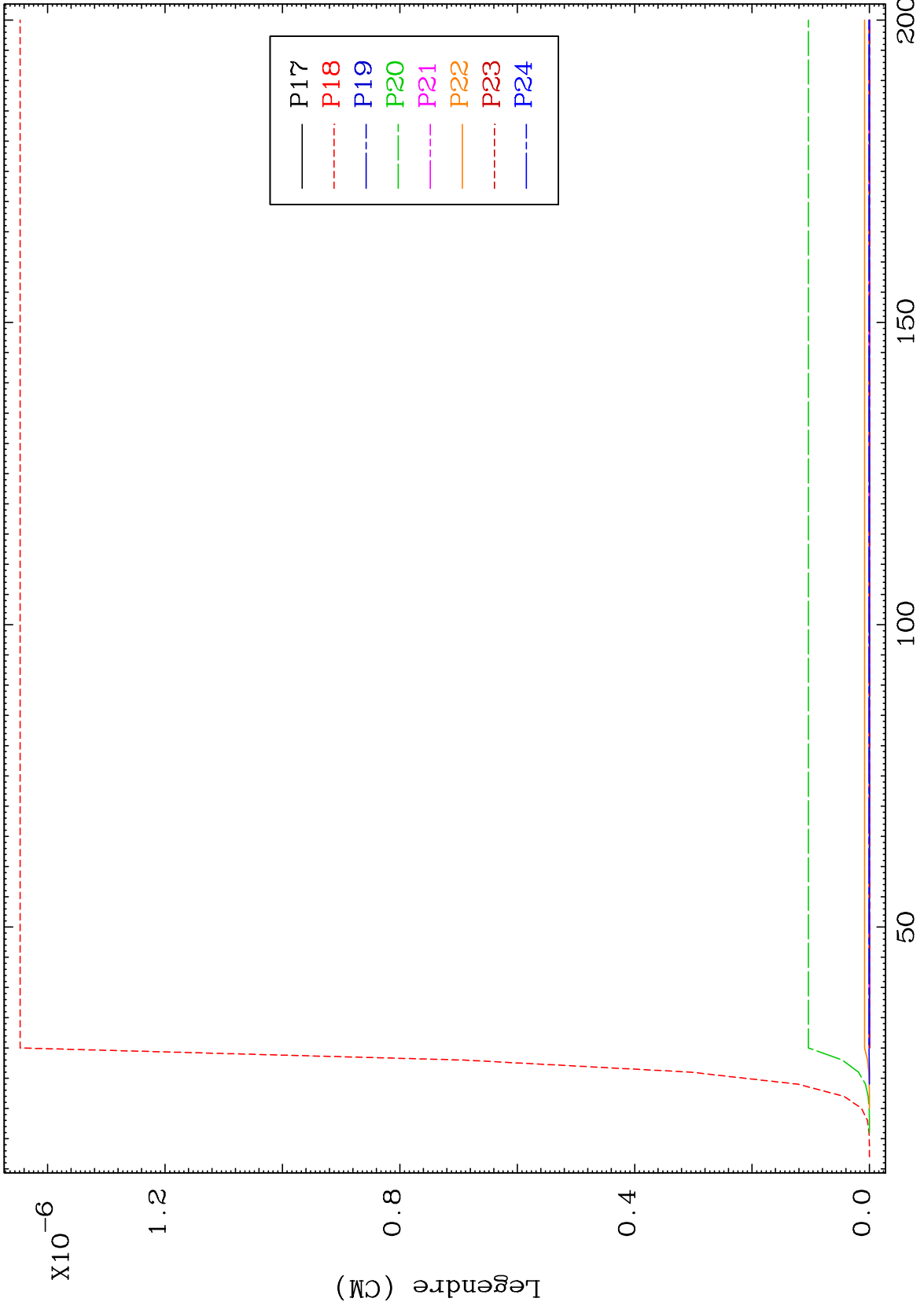
28-Ni-63



88

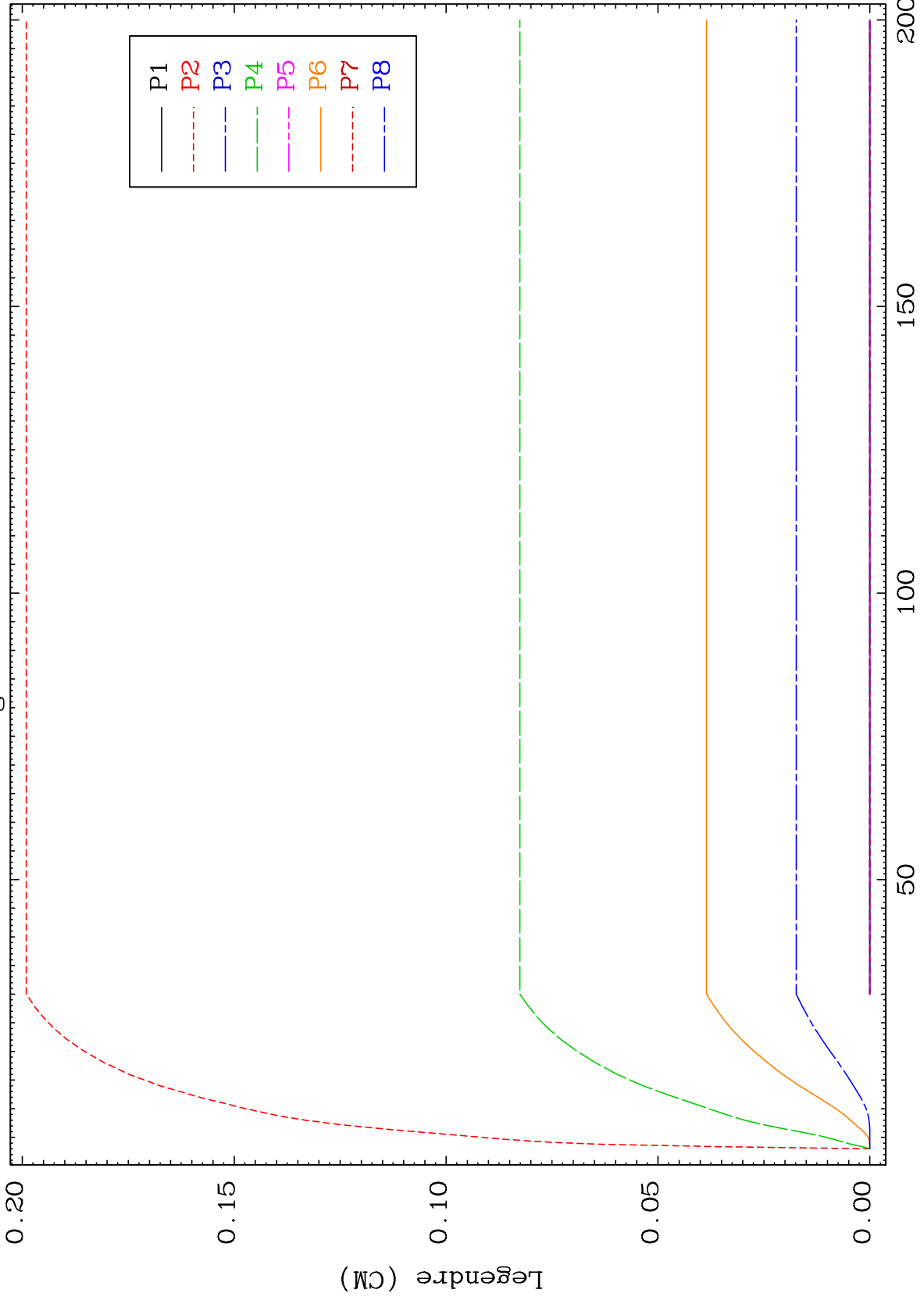
28-Ni-63

MAT 2840 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-63



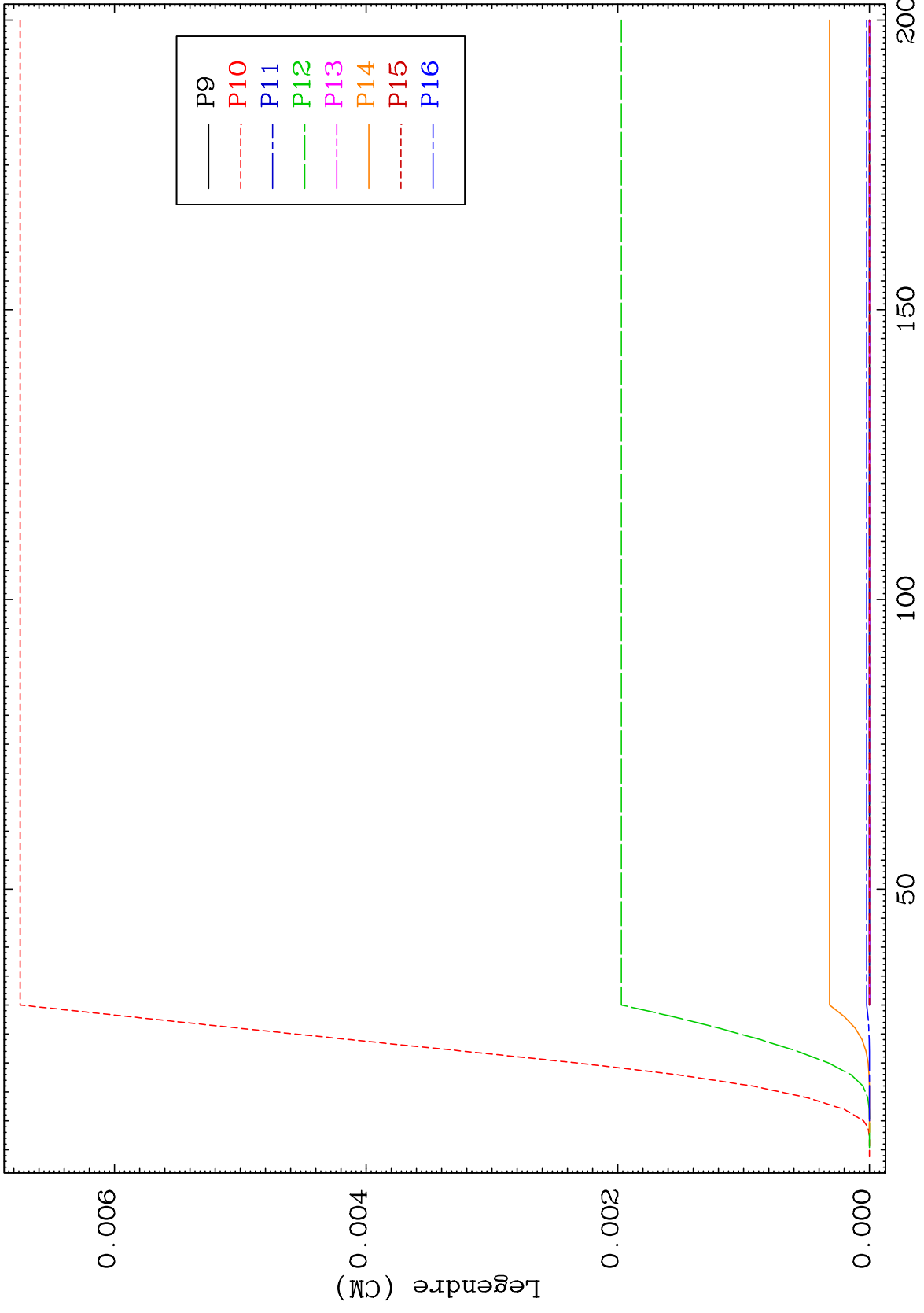
89 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 75 (n,n') Level Legendre Coefficients 28-Ni-63

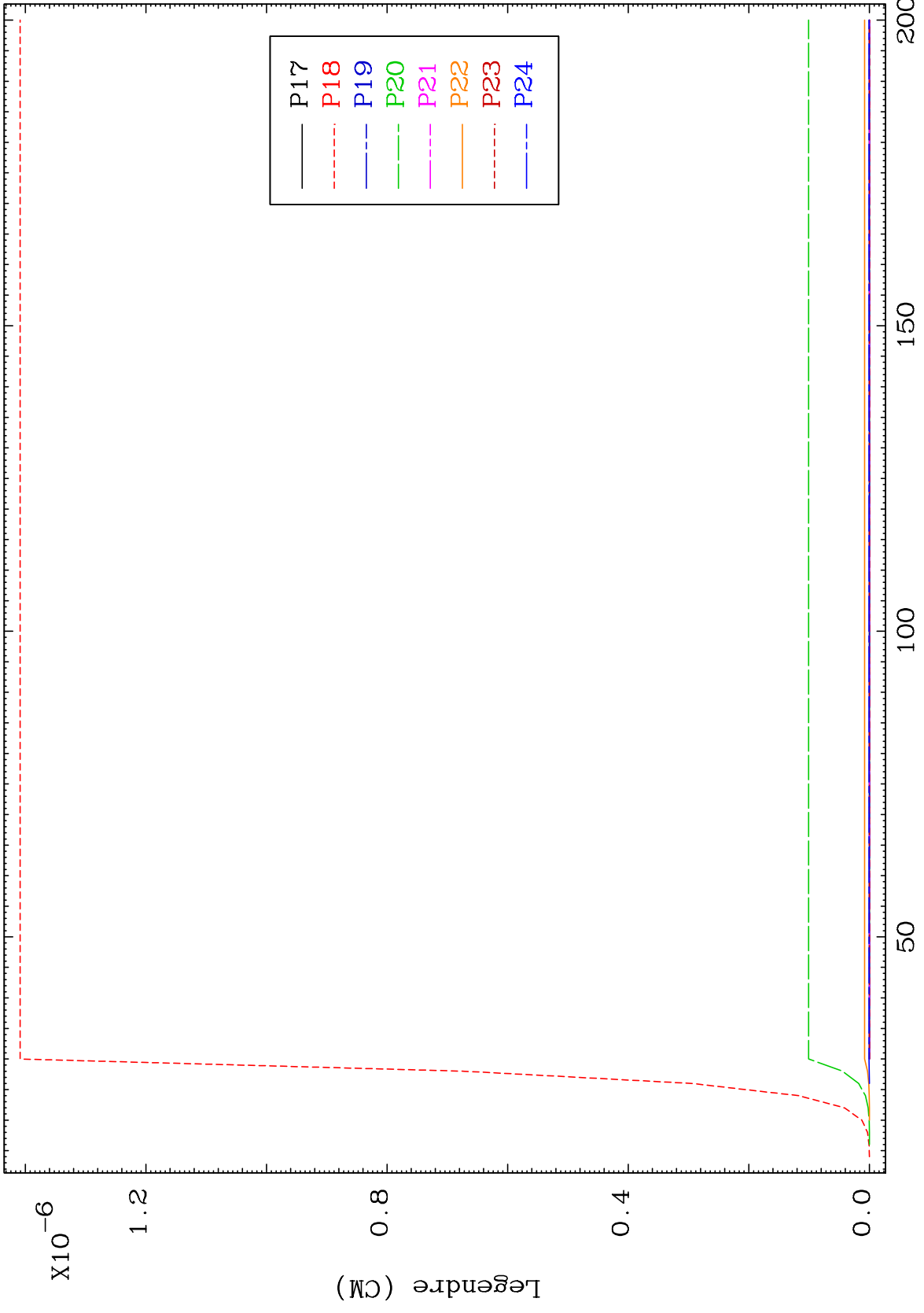


28-Ni-63

MAT 2840 MT= 75 (n,n') Level Legendre Coefficients 28-Ni-63



MAT 2840 MT= 75 (n,n') Level Legendre Coefficients 28-Ni-63

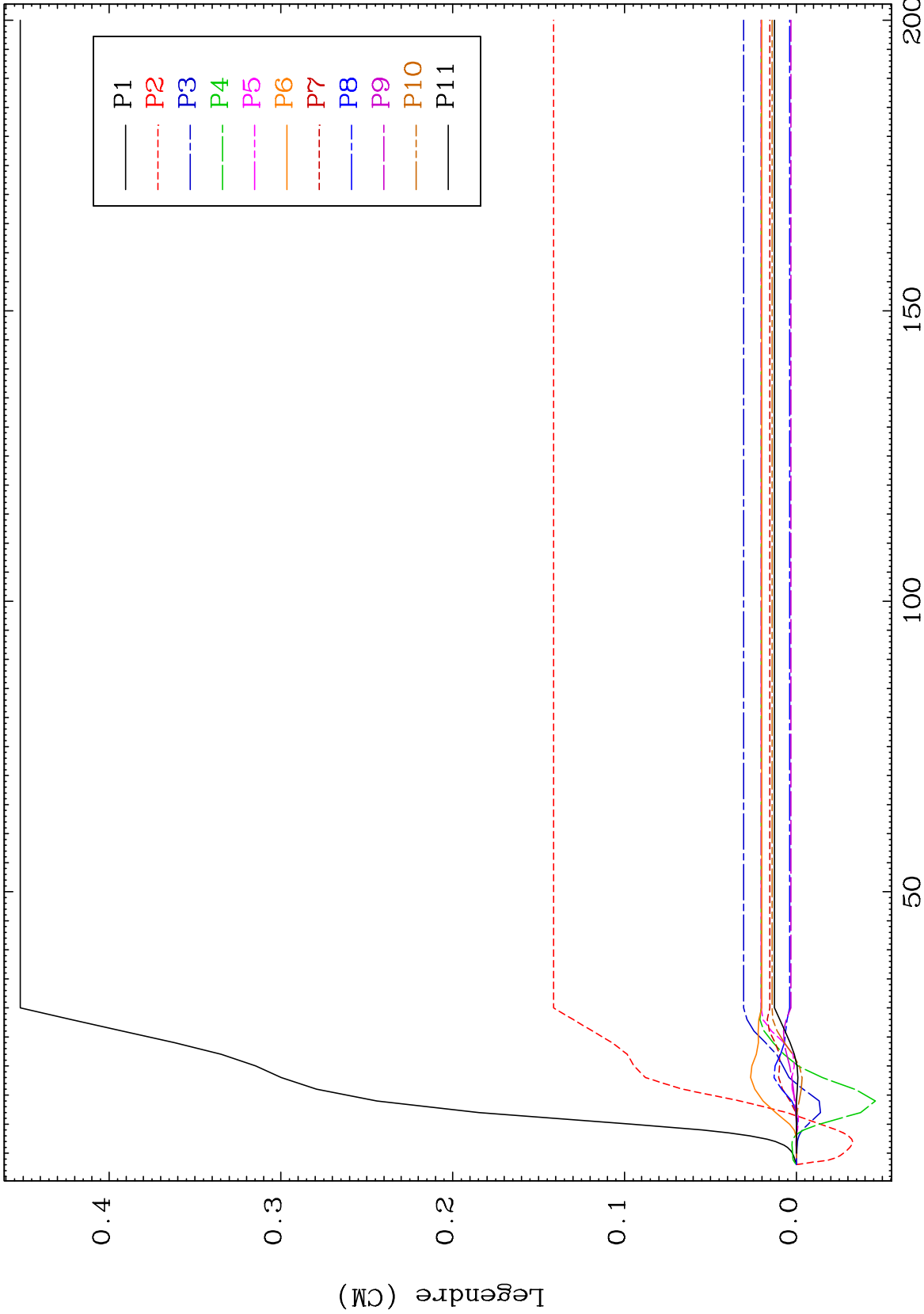


92 28-Ni-63

MAT 2840

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

28-Ni-63



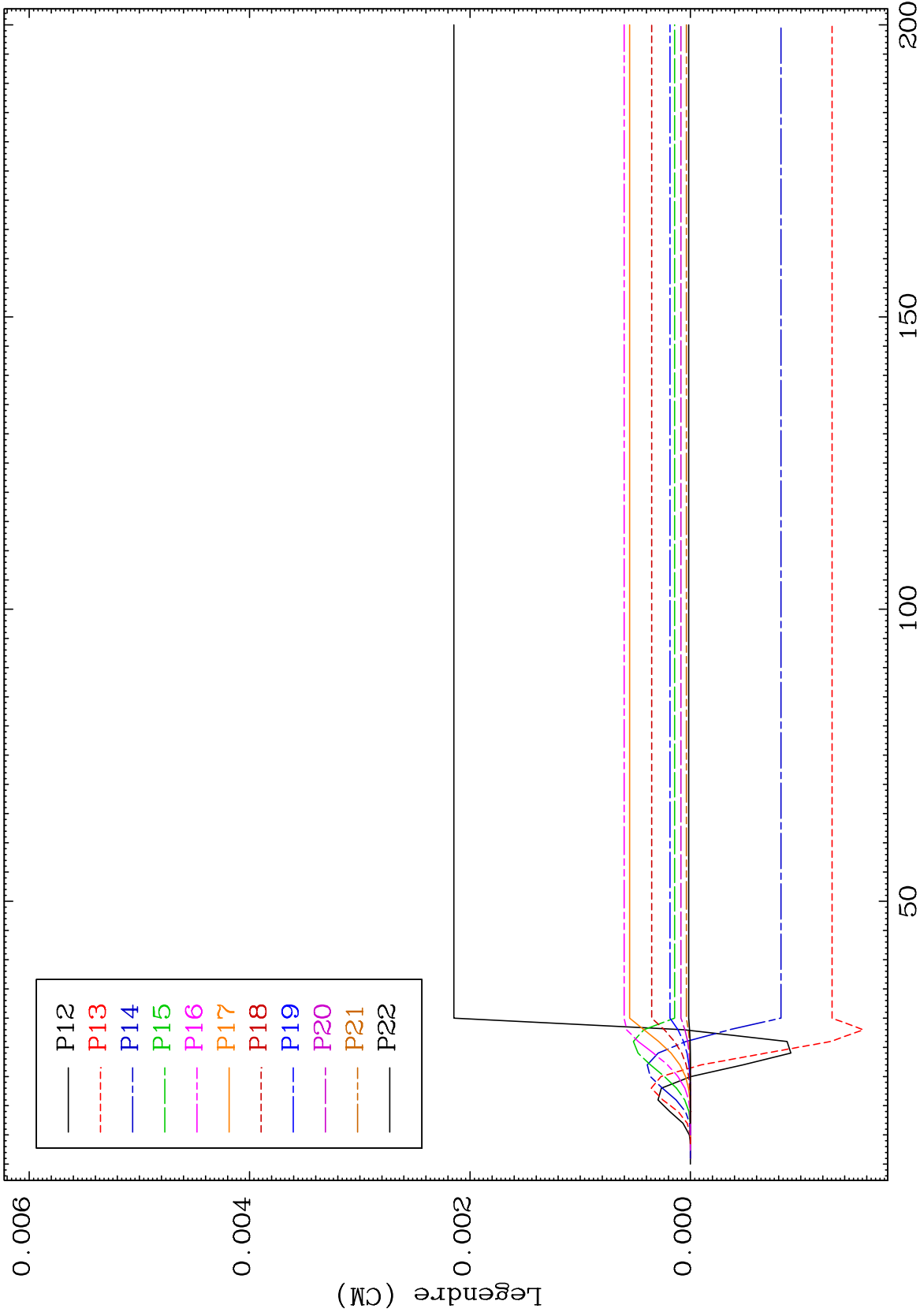
93

28-Ni-63

MAT 2840

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

28-Ni-63



94

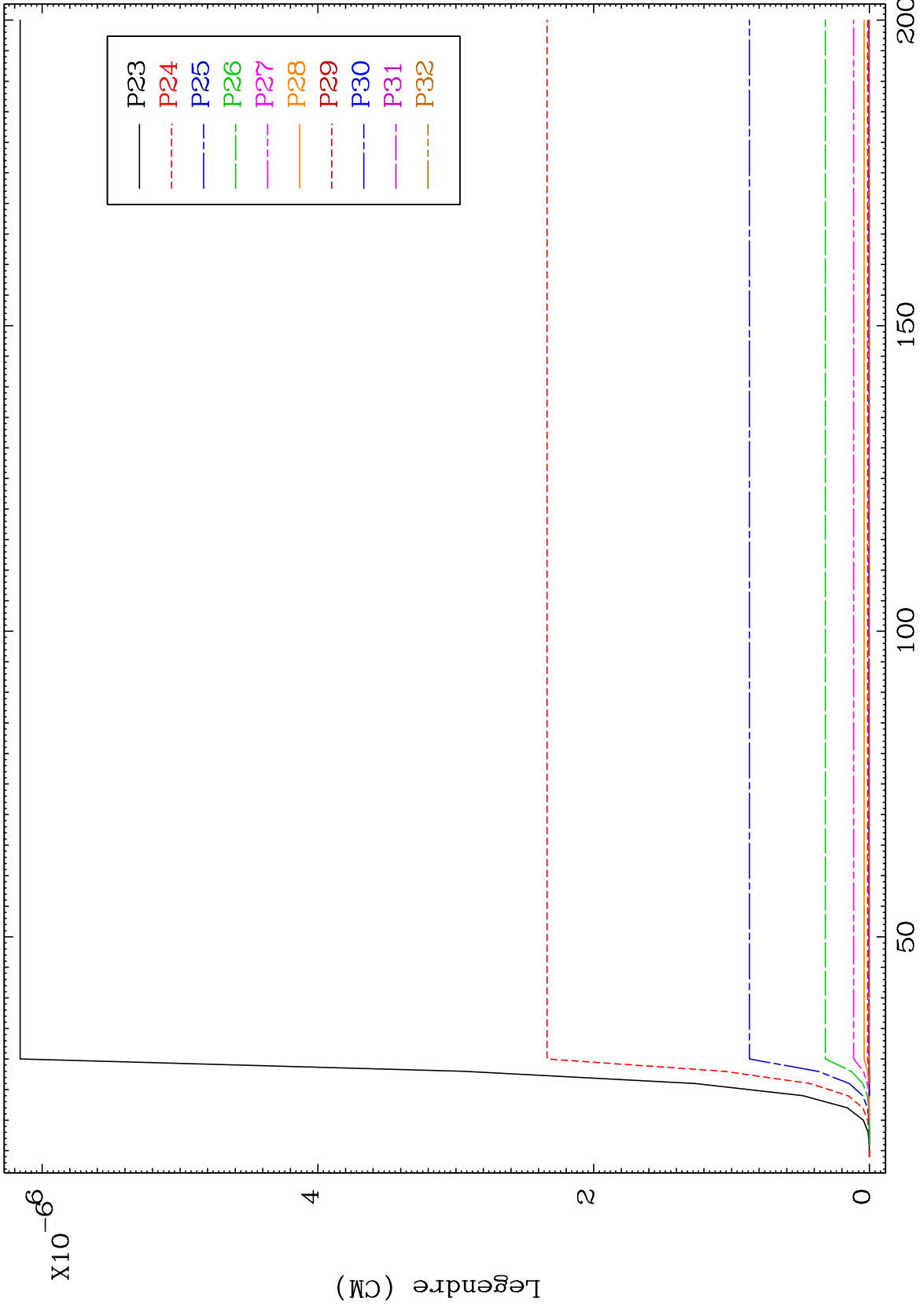
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



95

Incident Energy (MeV)

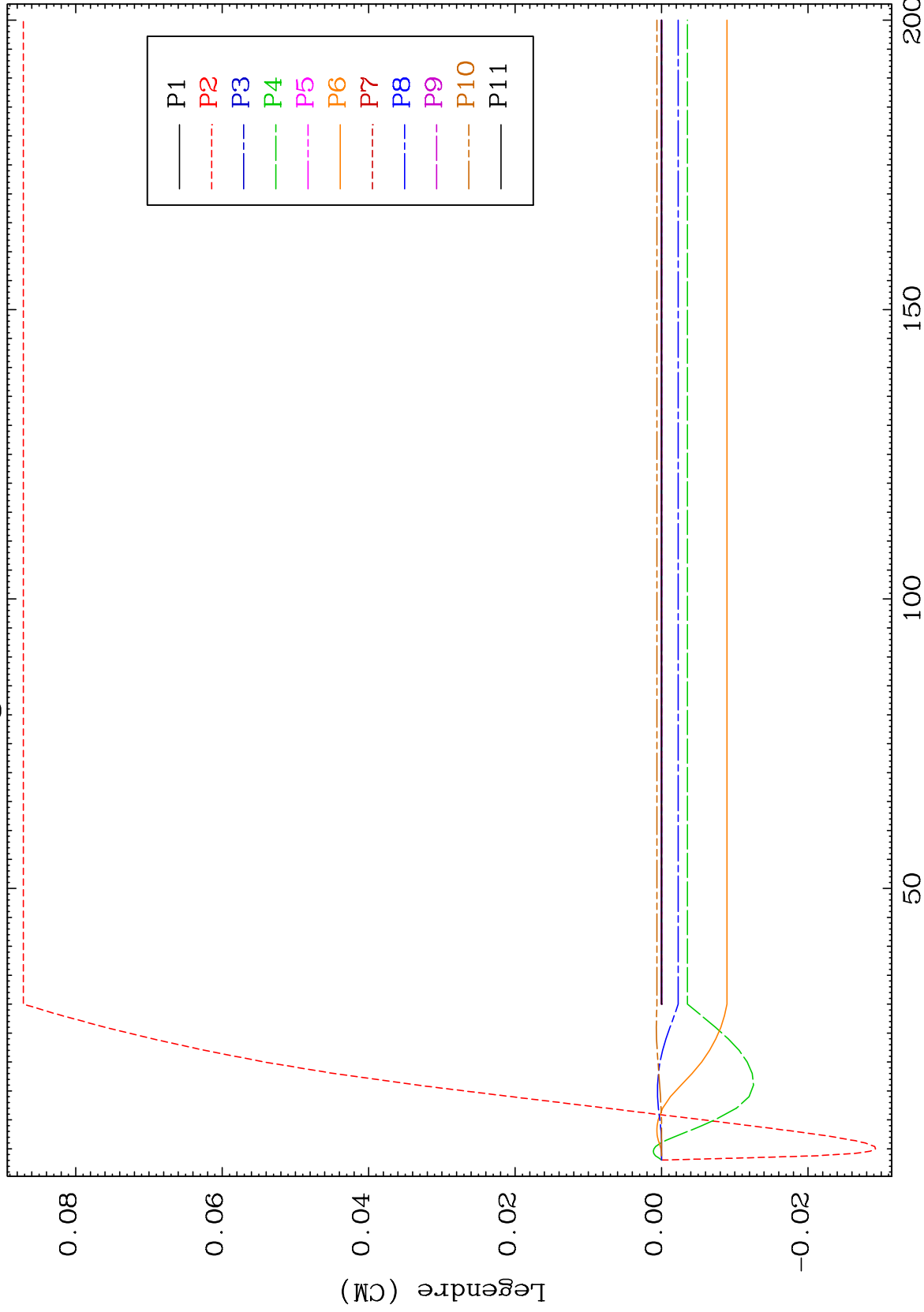
28-Ni-63



MAT 2840

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

28-Ni-63



96

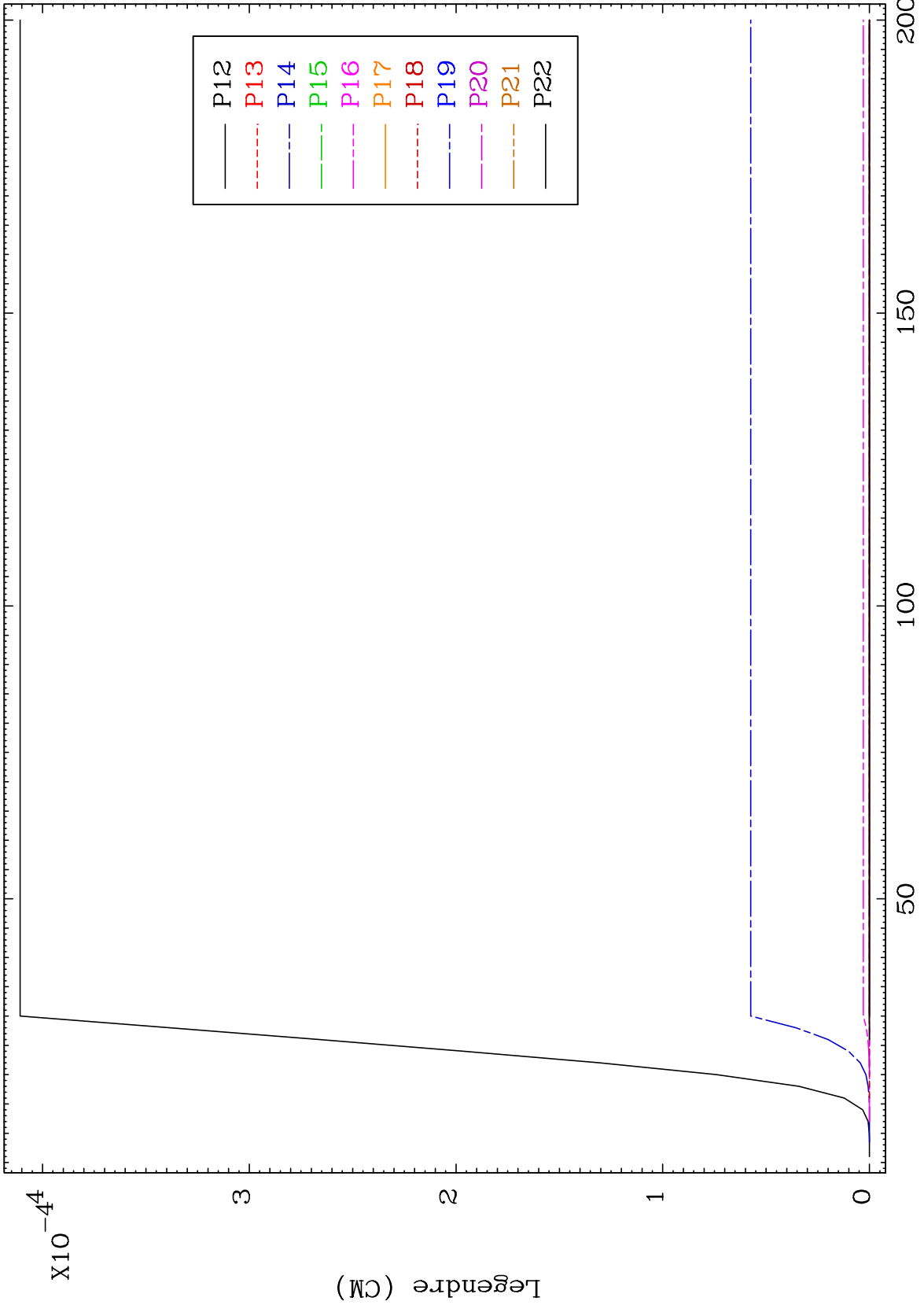
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63

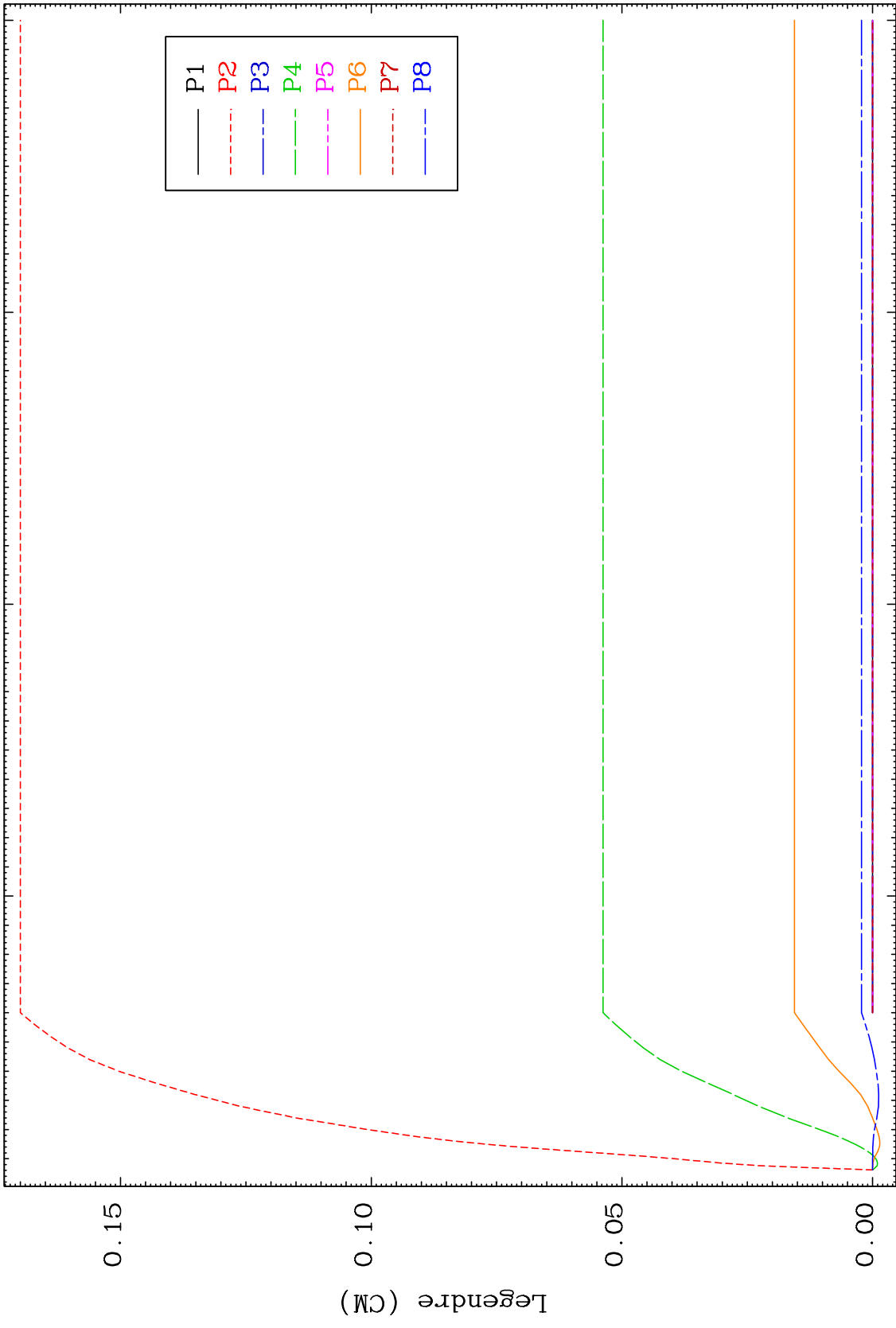


97

Incident Energy (MeV)

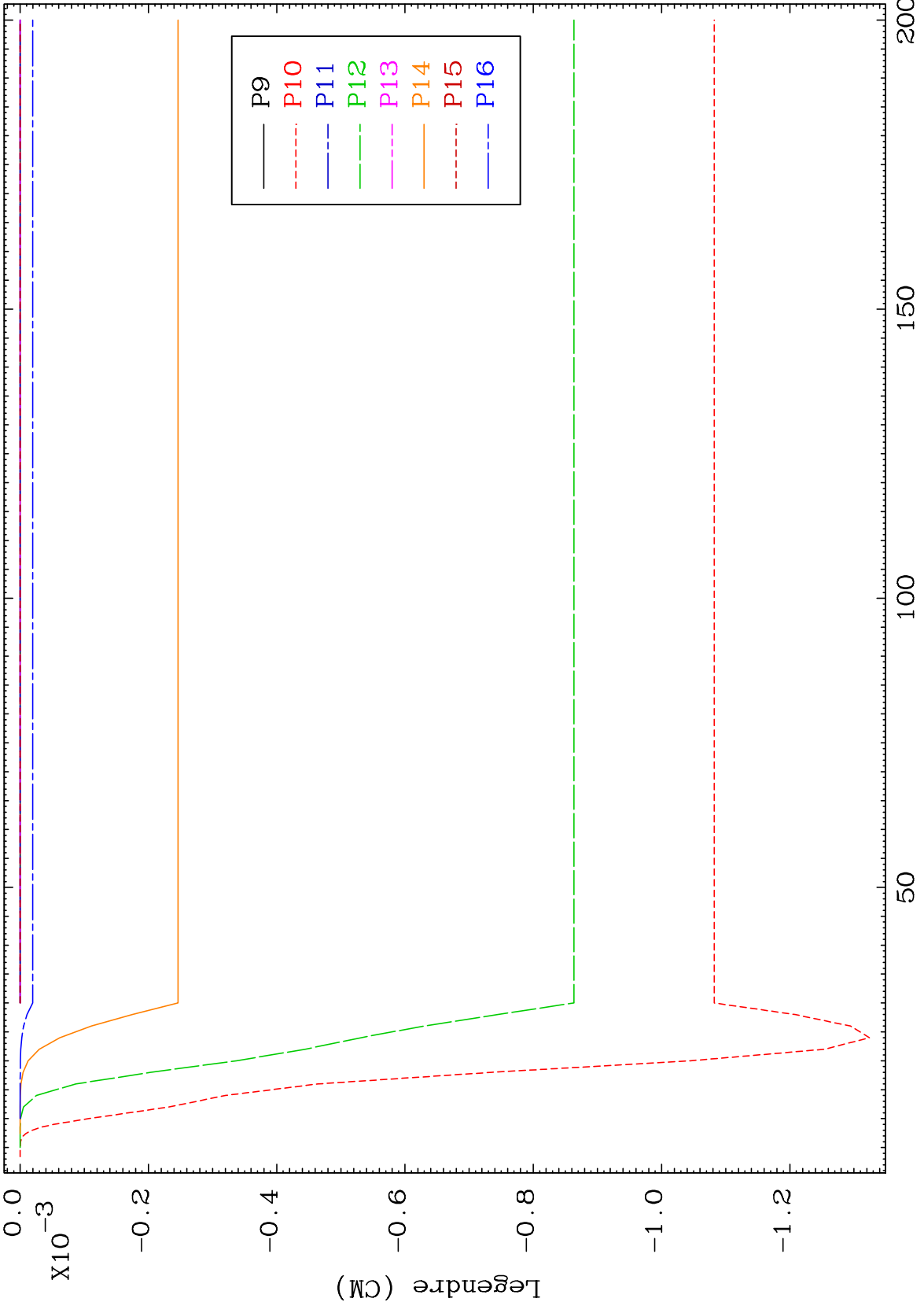
28-Ni-63

MAT 2840 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-63



98 Incident Energy (MeV) 28-Ni-63

MAT 2840 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-63

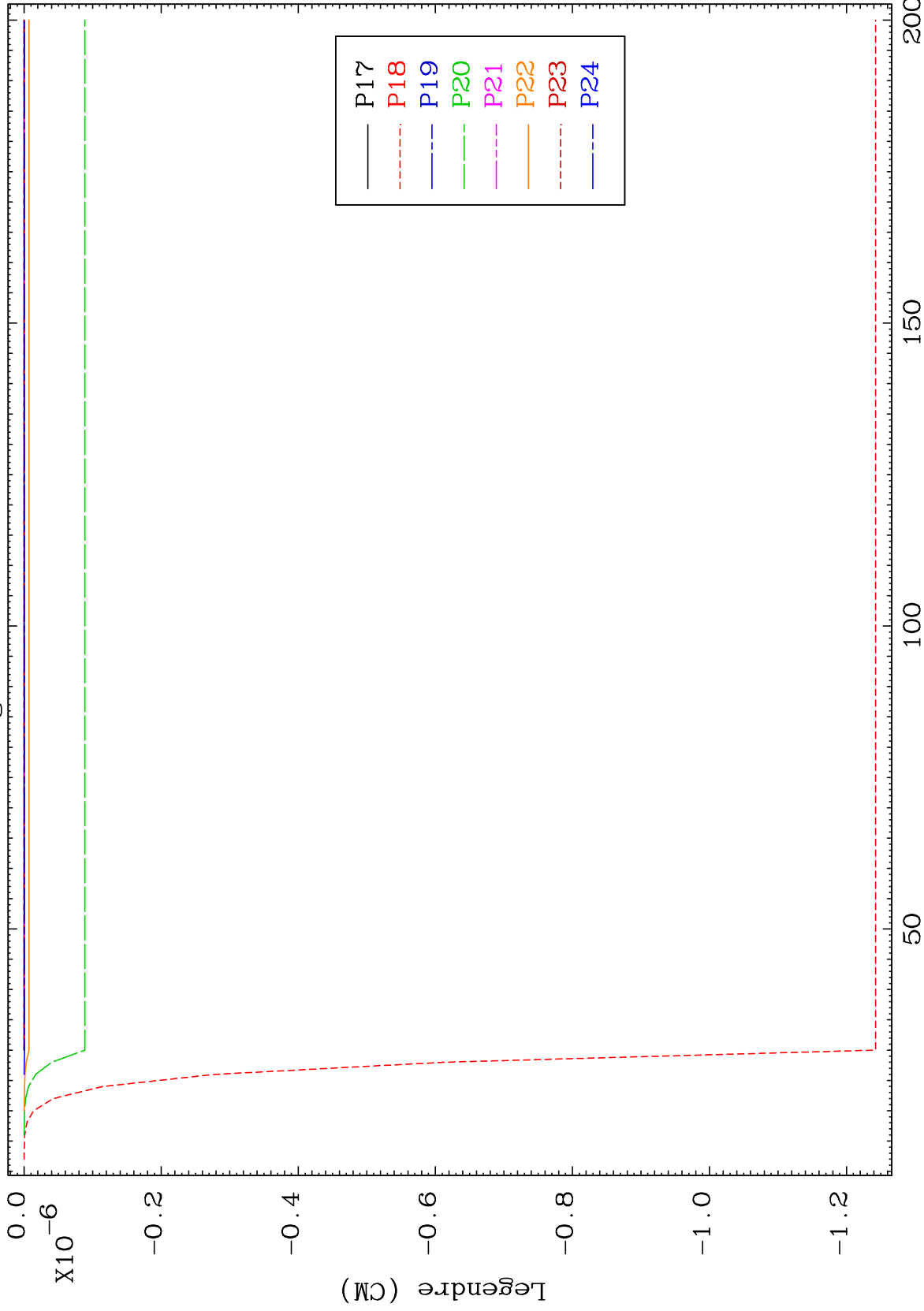


99 28-Ni-63

MAT 2840

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

28-Ni-63



28-Ni-63

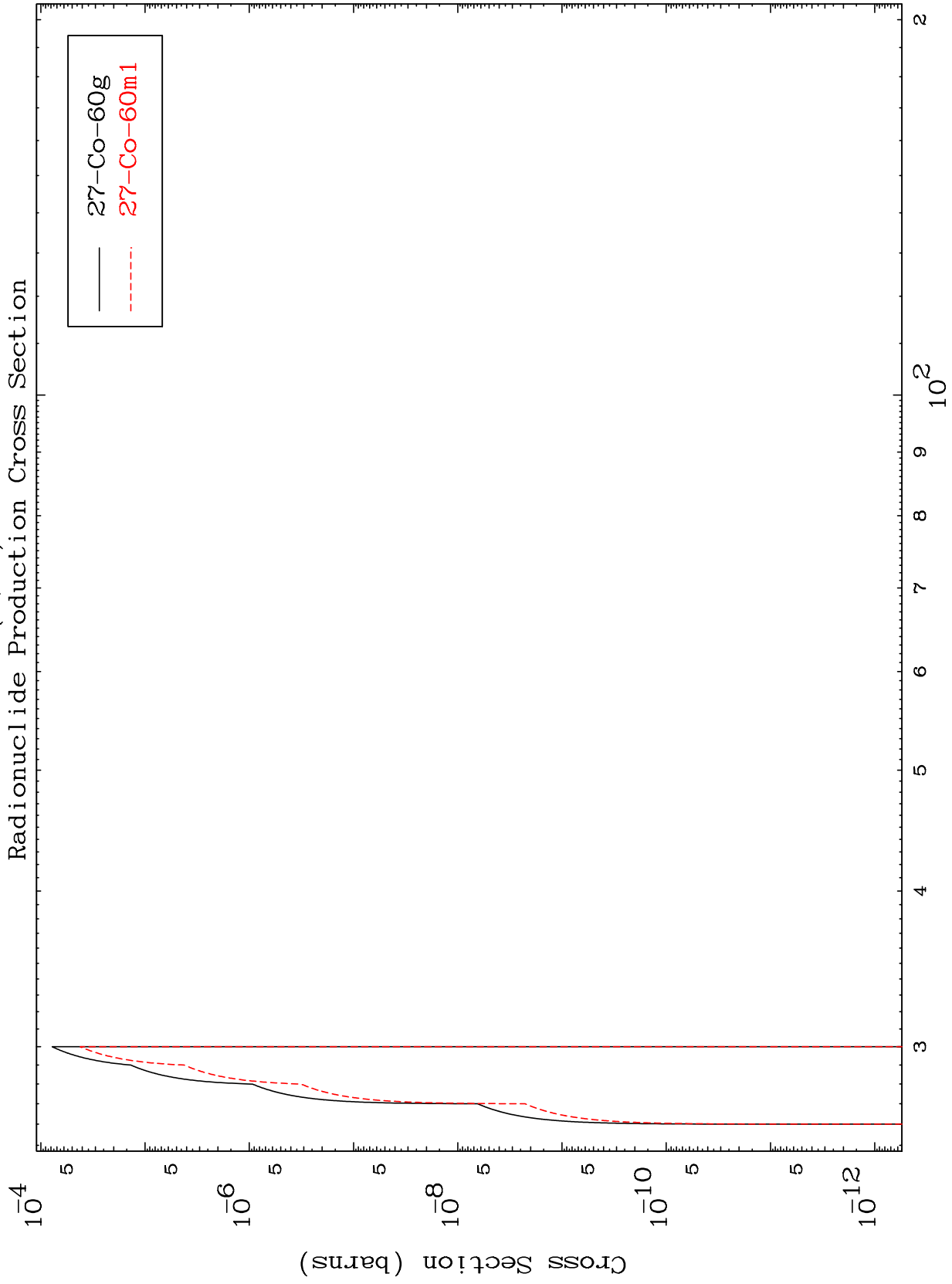
Incident Energy (MeV)

100

MAT 2840

(n,2n) d

<sup>28</sup>Ni-63



101

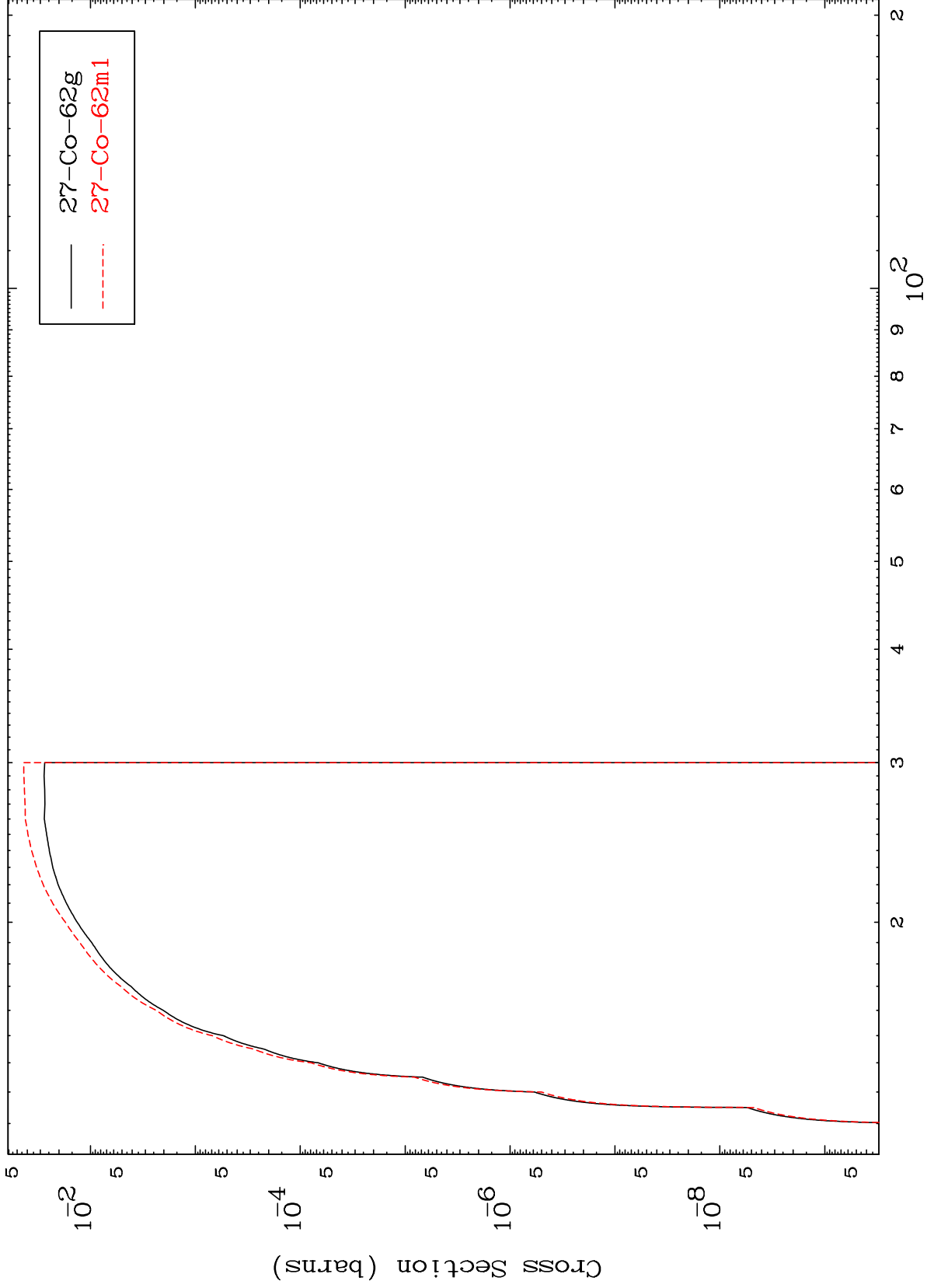
<sup>28</sup>Ni-63

MAT 2840

(n,n') p

<sup>28</sup>Ni-63

Radionuclide Production Cross Section



102

Incident Energy (MeV)

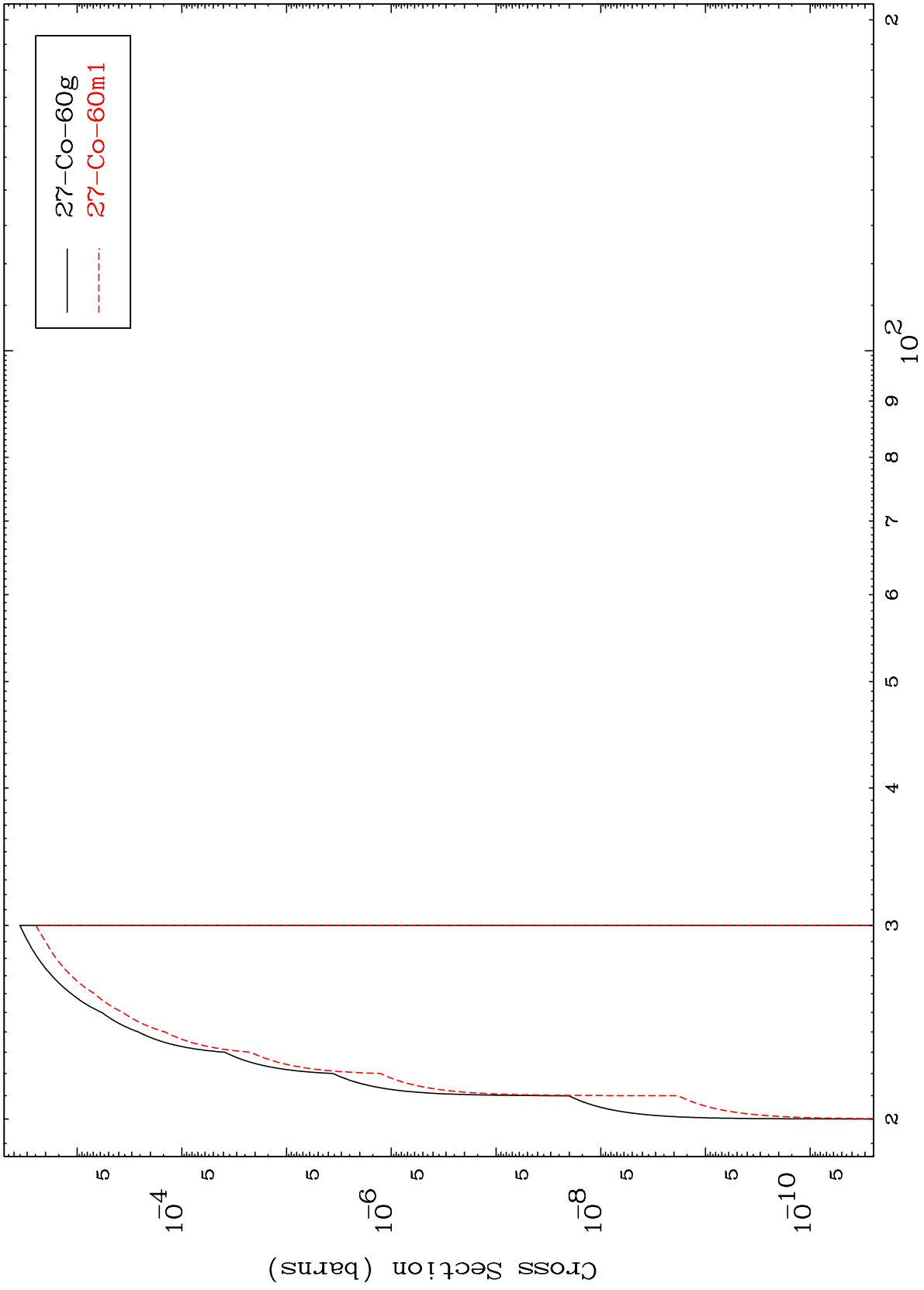
<sup>28</sup>Ni-63

MAT 2840

(n,n') t

<sup>28</sup>Ni-63

Radionuclide Production Cross Section



103

Incident Energy (MeV)

<sup>28</sup>Ni-63

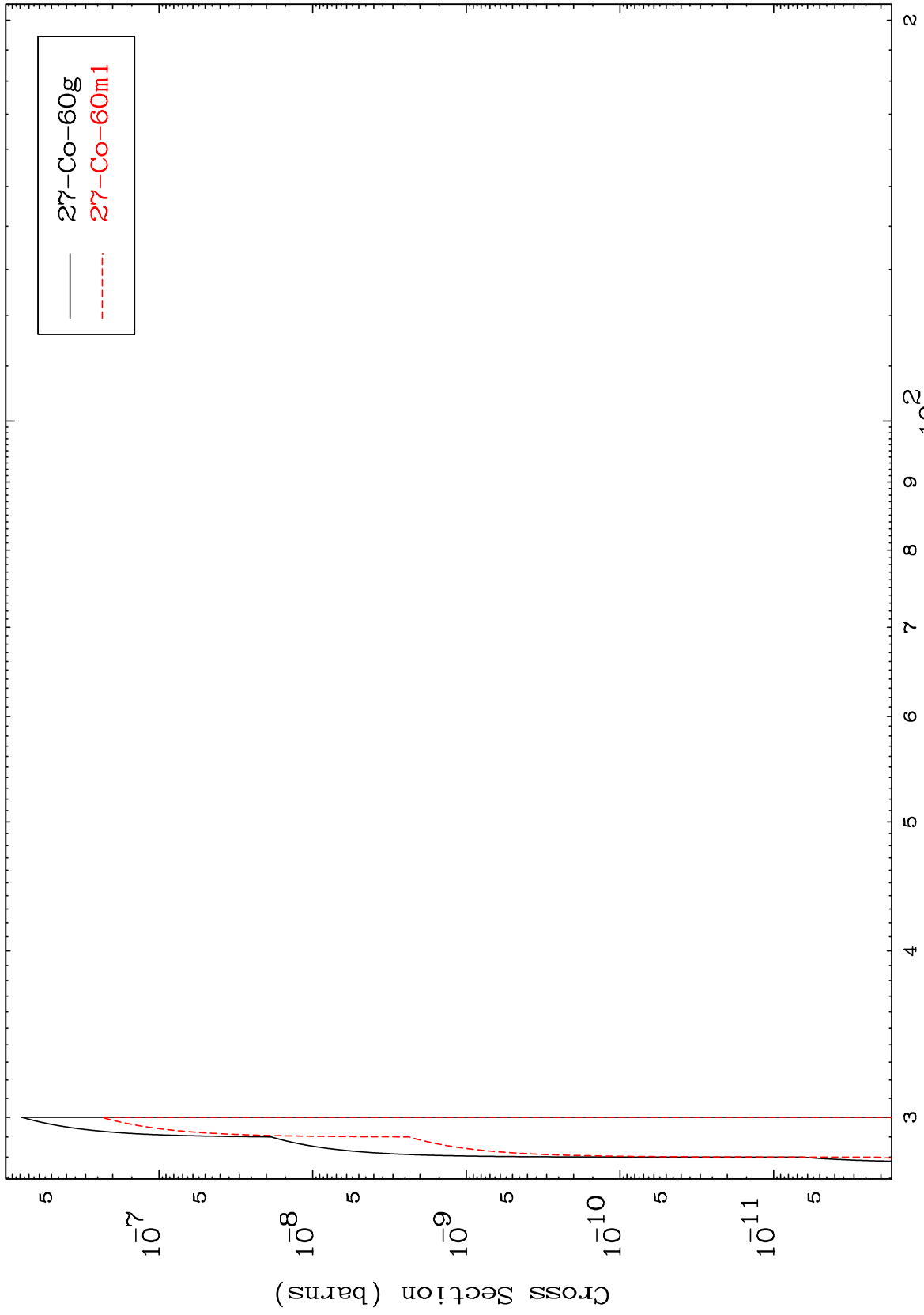


MAT 2840

(n,3n) p

<sup>28</sup>Ni-63

Radionuclide Production Cross Section



104

Incident Energy (MeV)

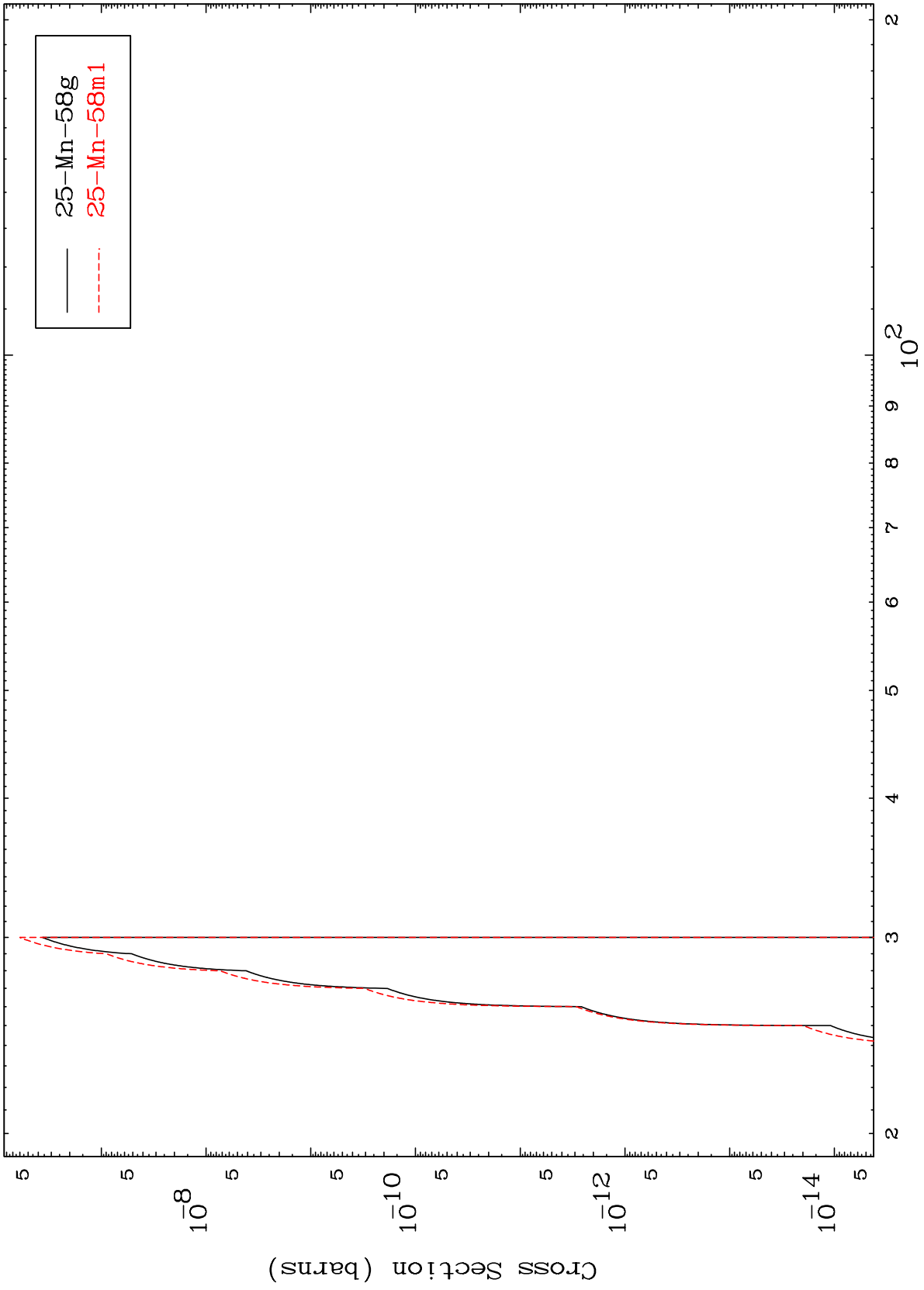
<sup>28</sup>Ni-63

MAT 2840

(n,n') p  $\alpha$

28-Ni-63

Radionuclide Production Cross Section



105

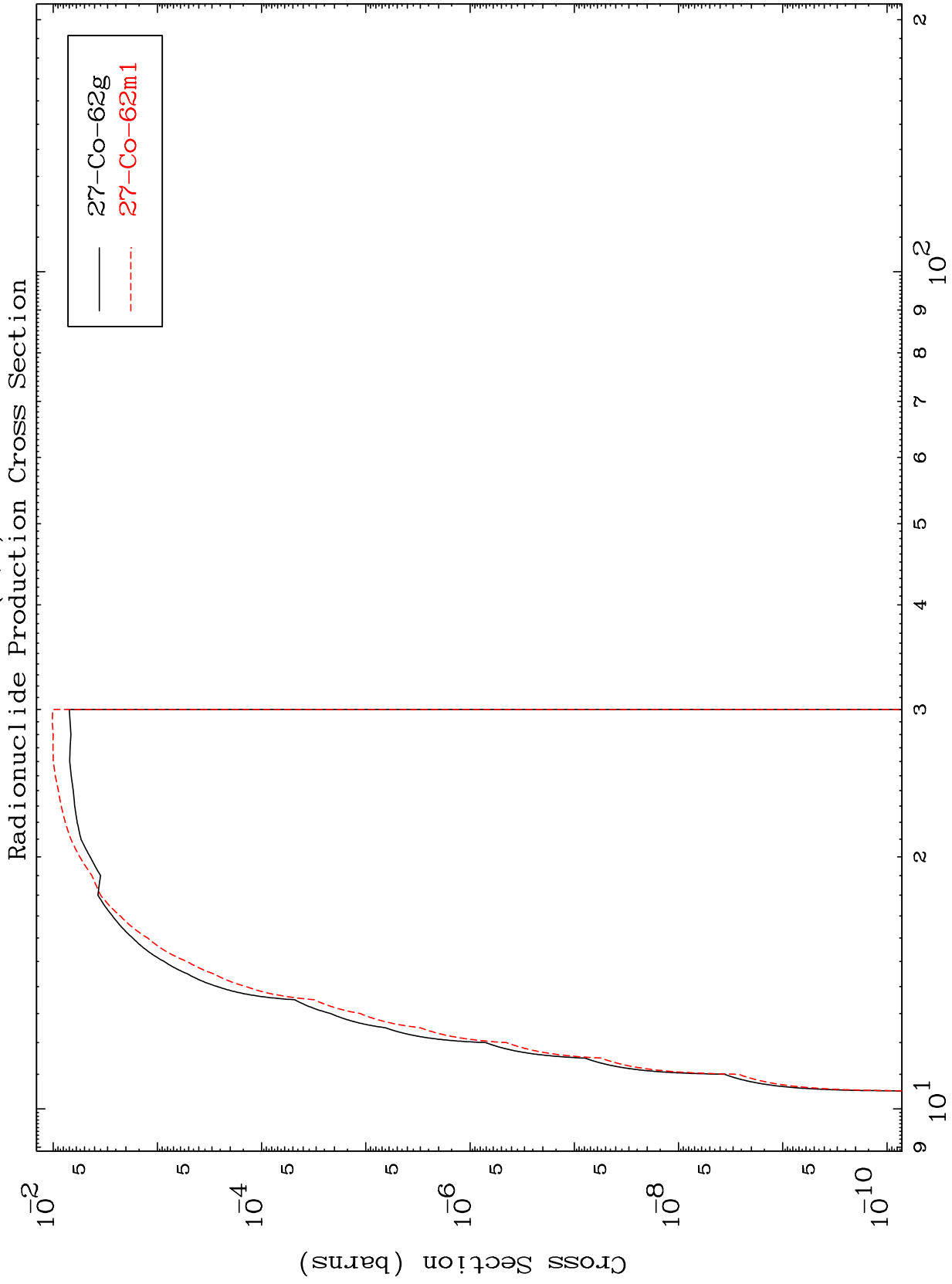
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,d)

<sup>28</sup>Ni-63



106

Incident Energy (MeV)

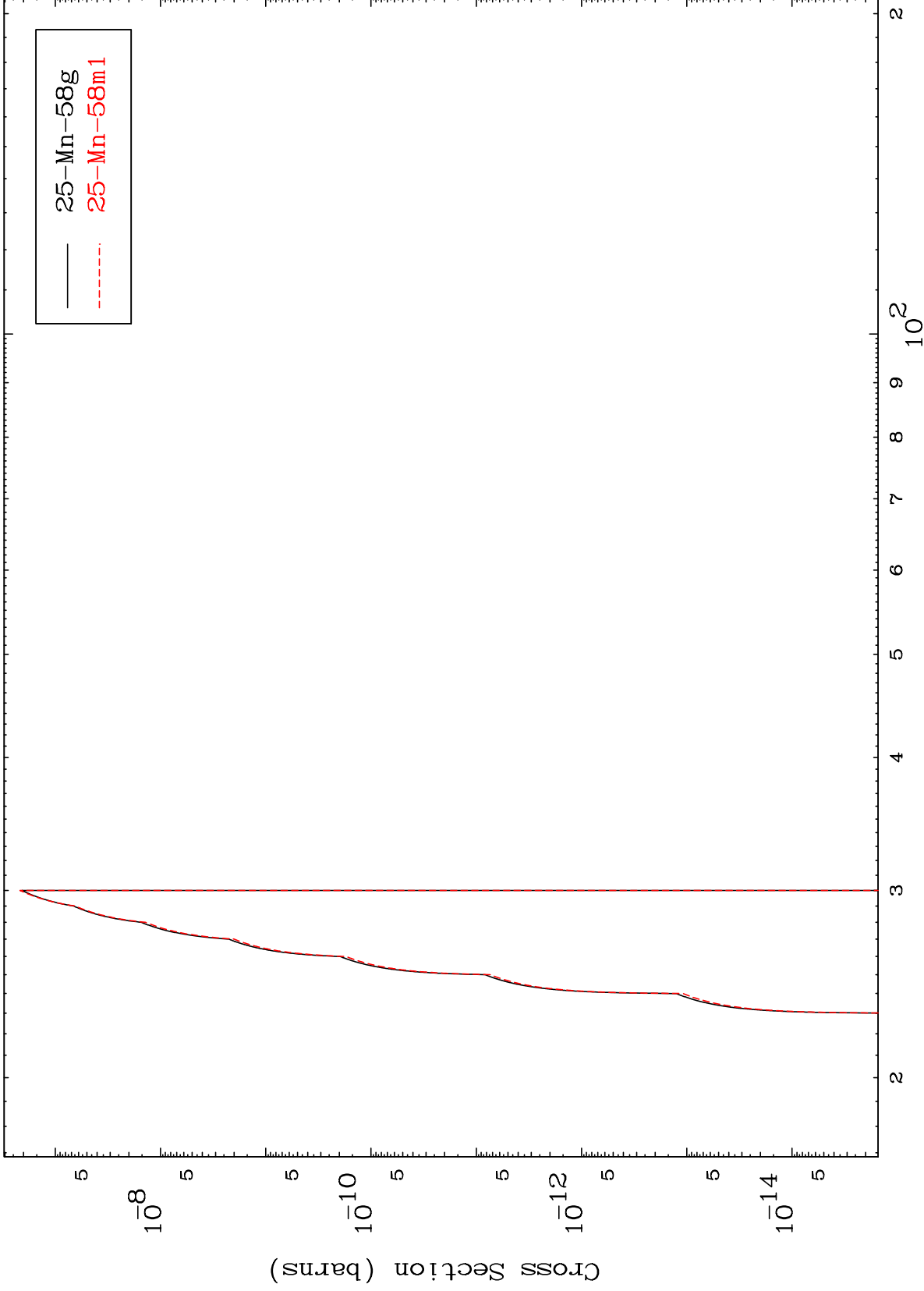
<sup>28</sup>Ni-63

MAT 2840

(n,d)  $\alpha$

28-Ni-63

Radionuclide Production Cross Section



107

Incident Energy (MeV)

28-Ni-63