

Program EVALPLOT  
(Version 2018-1)

by

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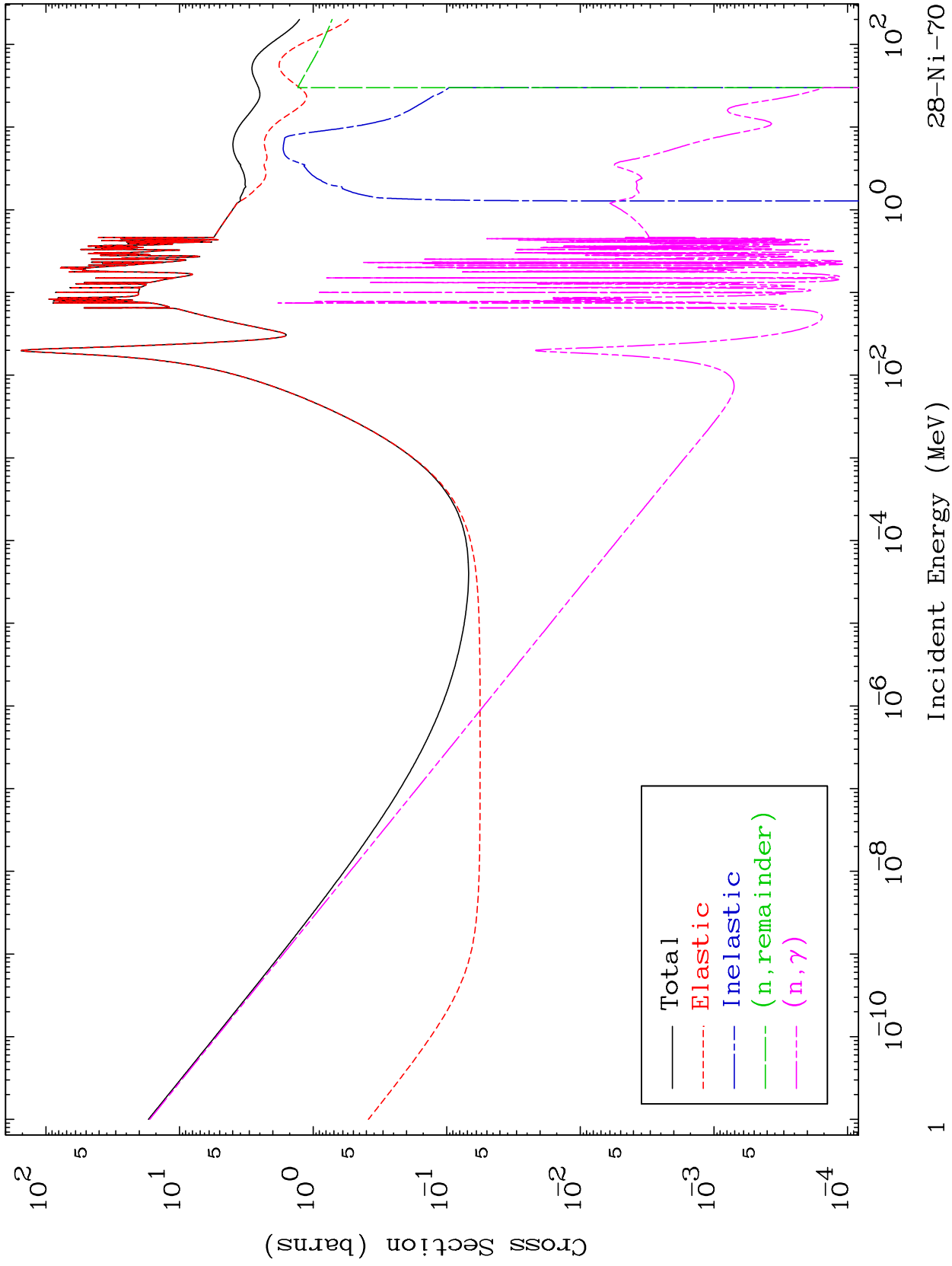
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2861

Major  
293 Kelvin Cross Sections

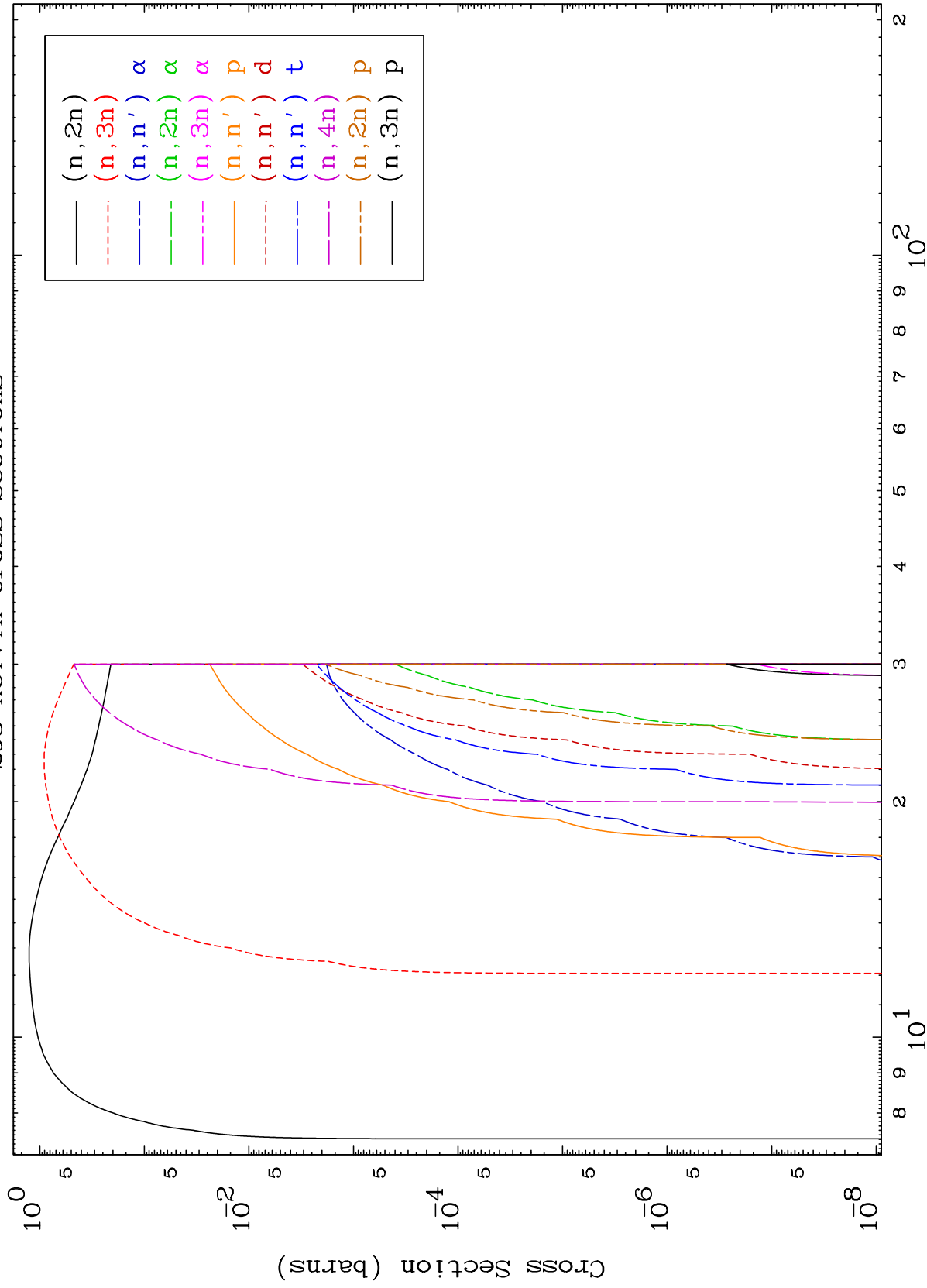
28-Ni-70



MAT 2861

Neutron Production  
293 Kelvin Cross Sections

28-Ni-70



2

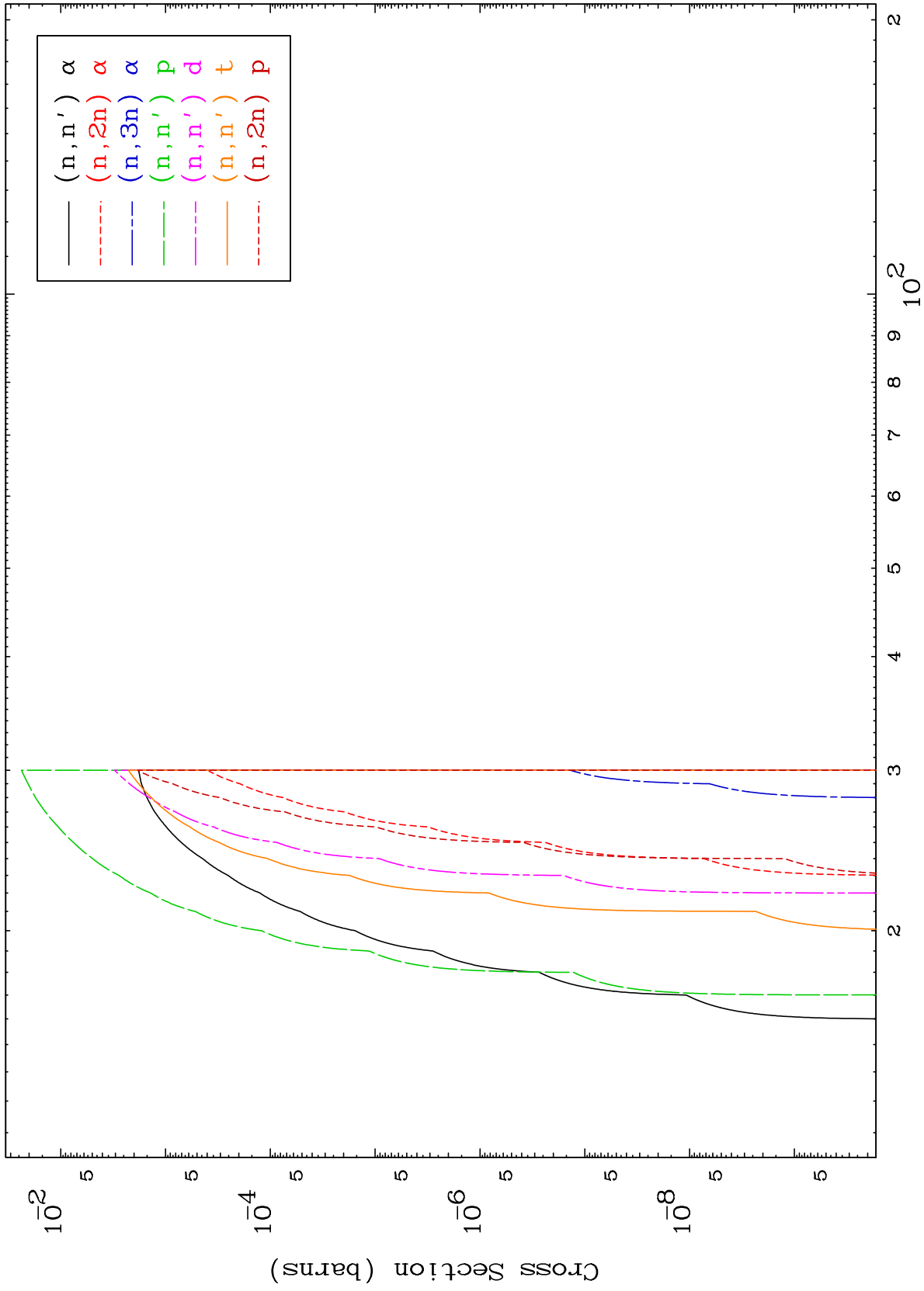
Incident Energy (MeV)

28-Ni-70

MAT 2861

Charged Particle  
293 Kelvin Cross Sections

28-Ni-70



3

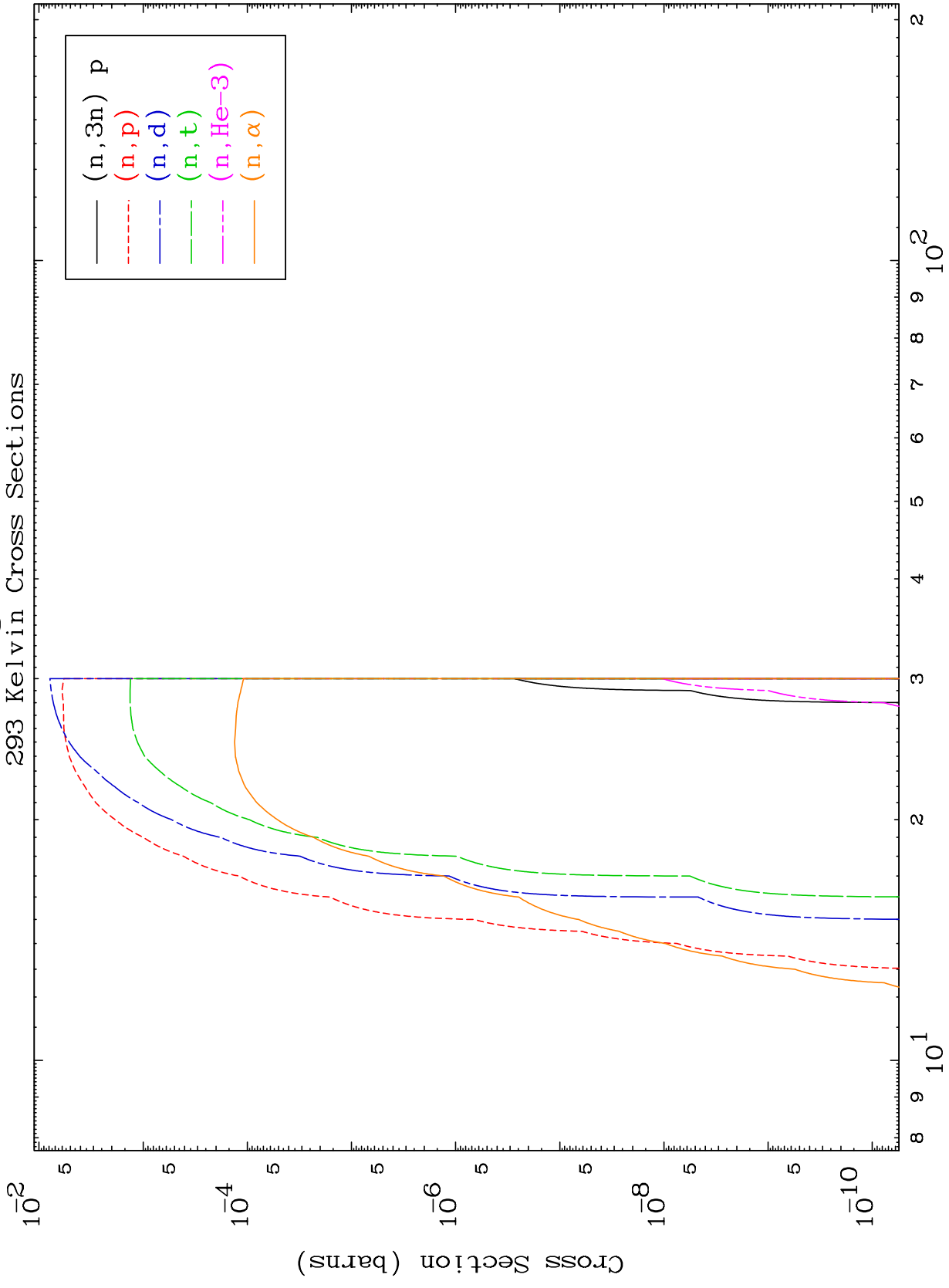
Incident Energy (MeV)

28-Ni-70

MAT 2861

Charged Particle  
293 Kelvin Cross Sections

28-Ni-70



4

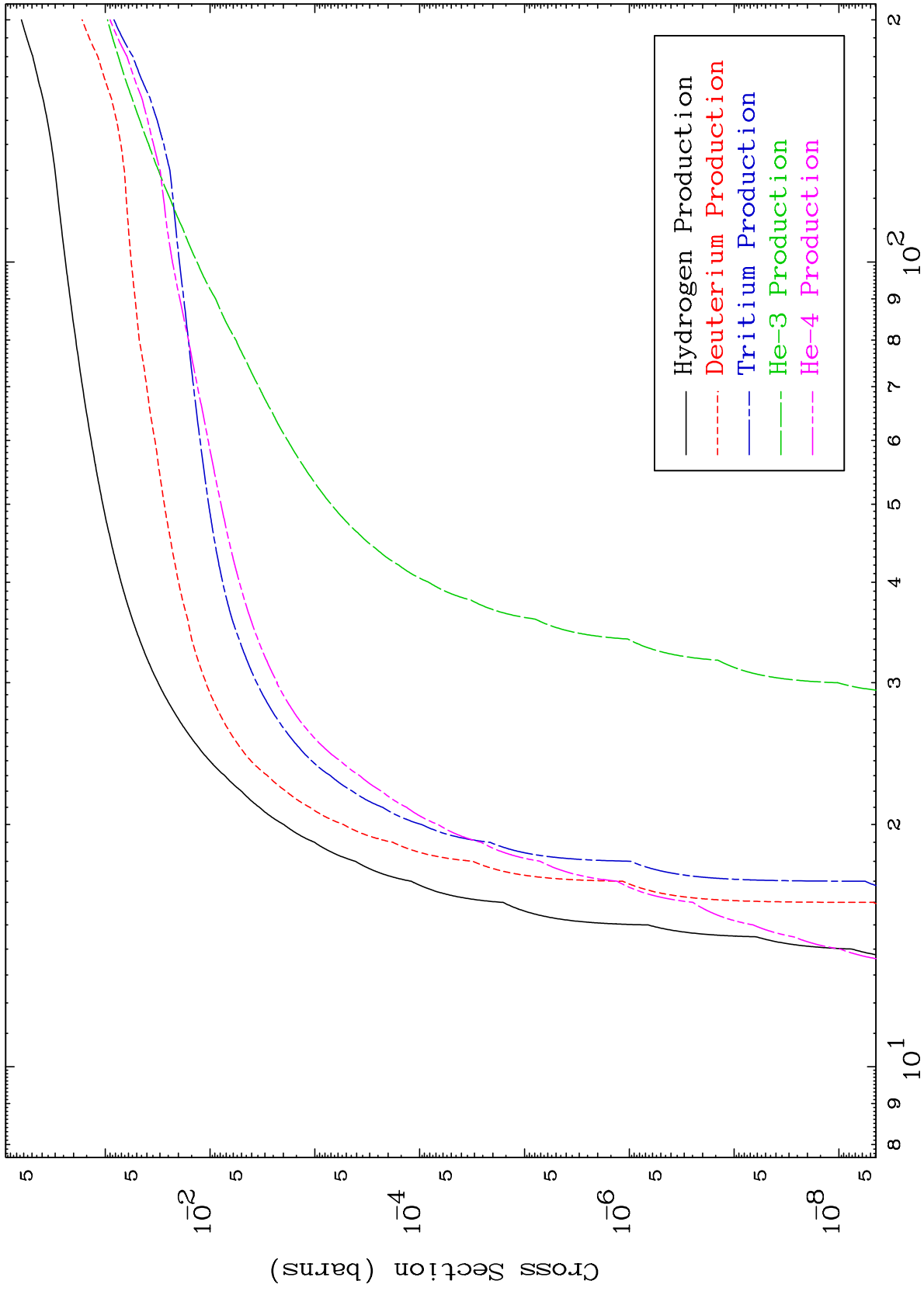
Incident Energy (MeV)

28-Ni-70

MAT 2861

Particle Production  
293 Kelvin Cross Sections

<sup>28</sup>Ni-70



<sup>28</sup>Ni-70

Incident Energy (MeV)

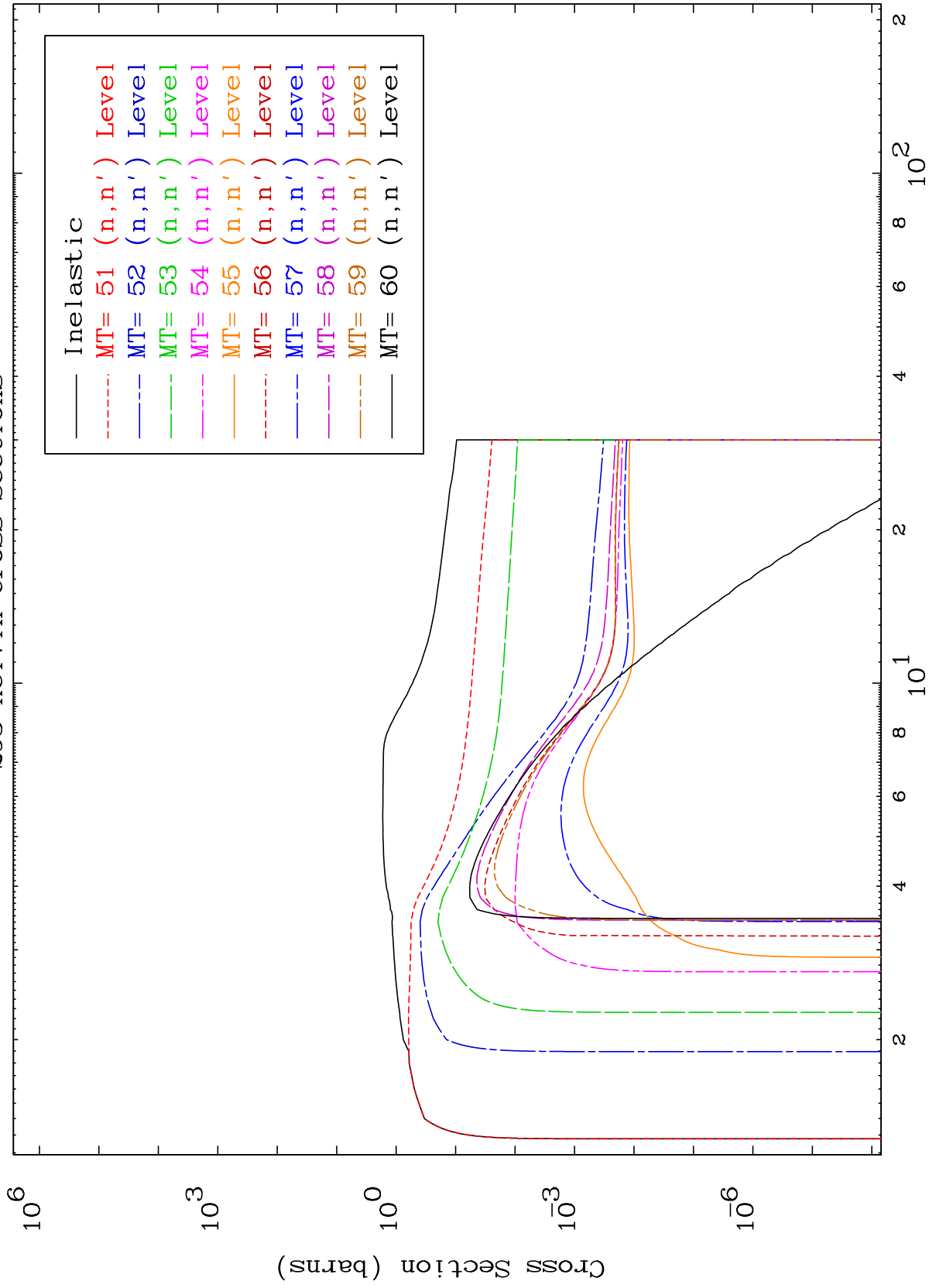
5

MAT 2861

(n,n') Level

28-Ni-70

293 Kelvin Cross Sections



6

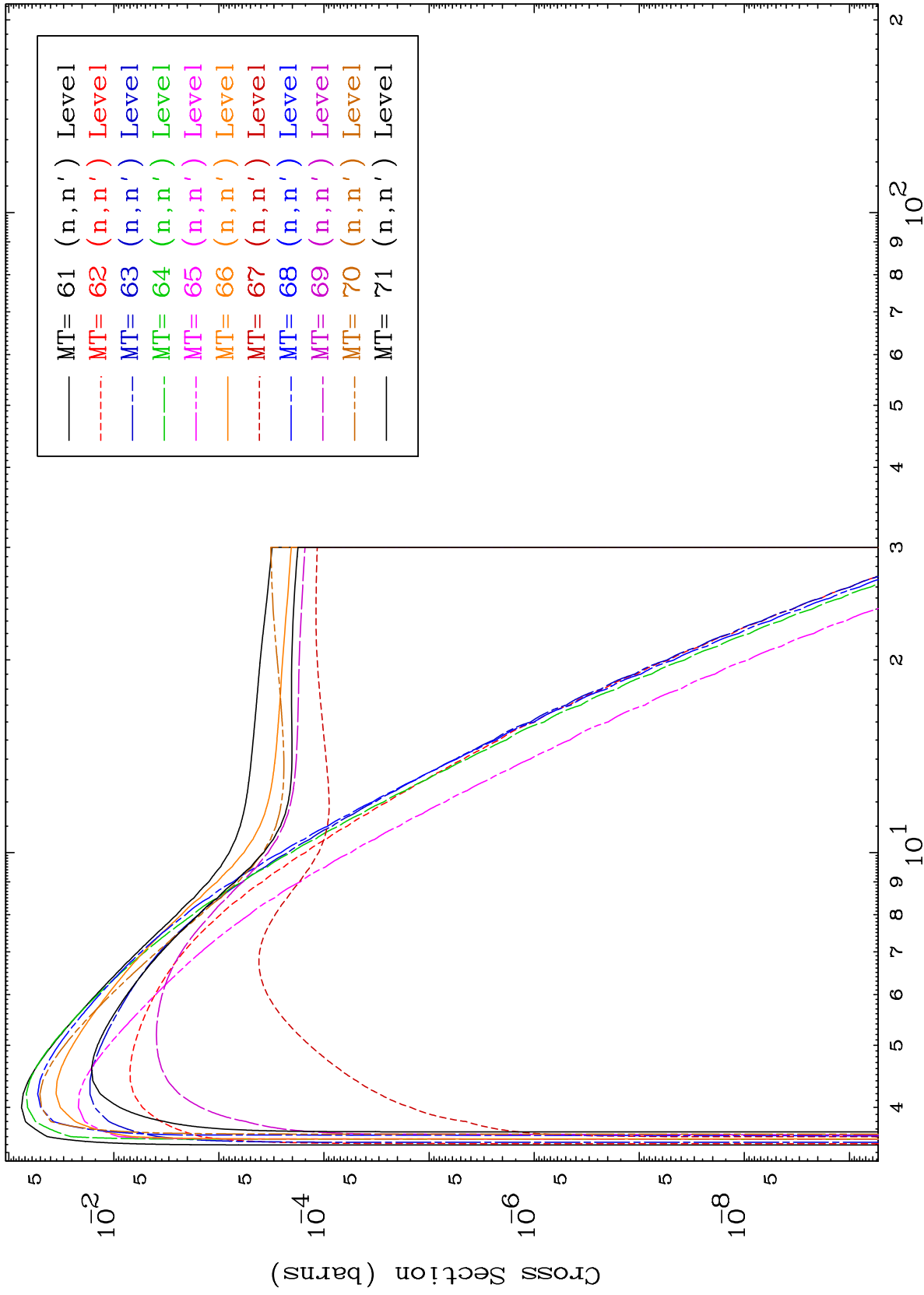
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-70



7

Incident Energy (MeV)

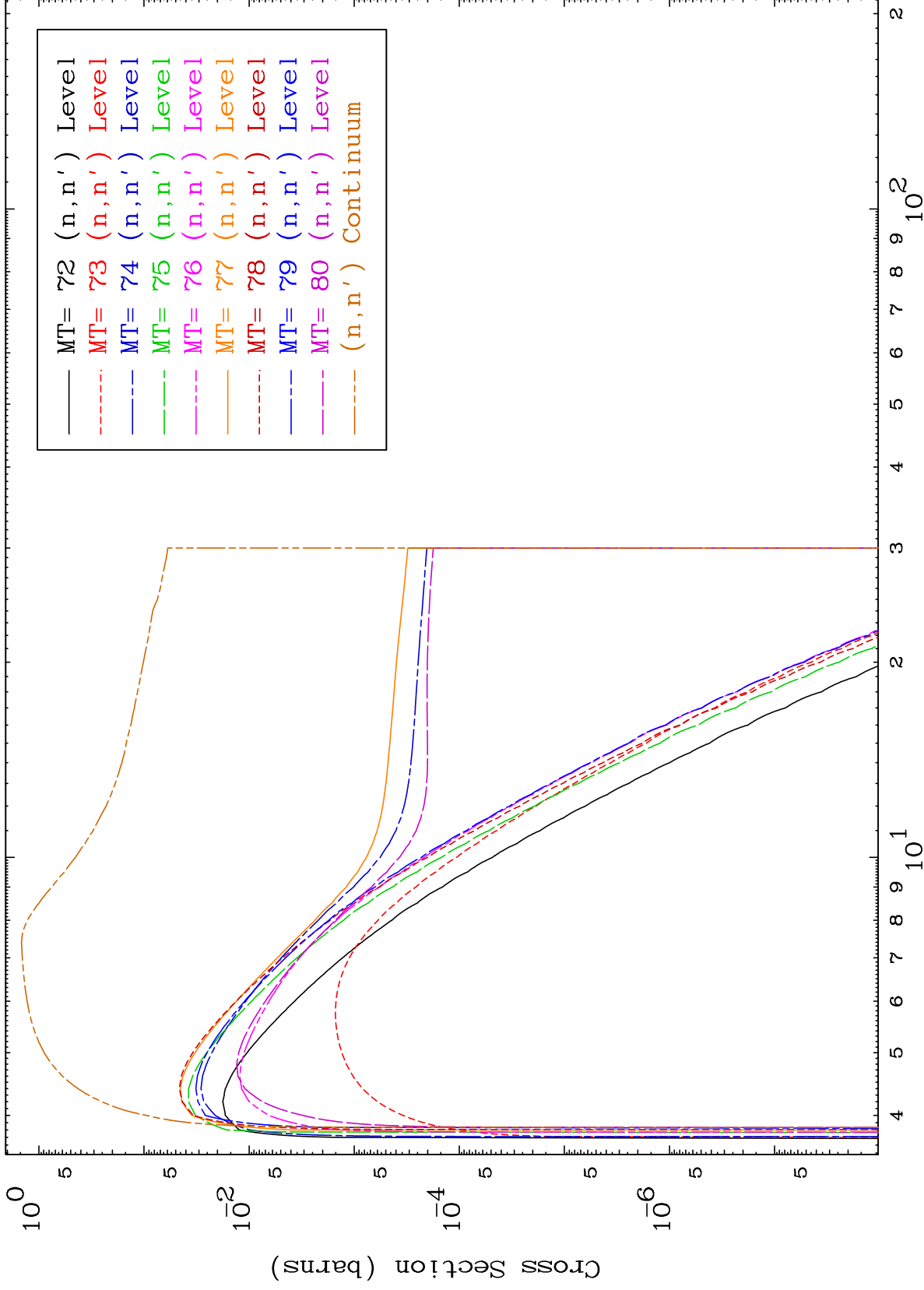
28-Ni-70



MAT 2861

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-70



8

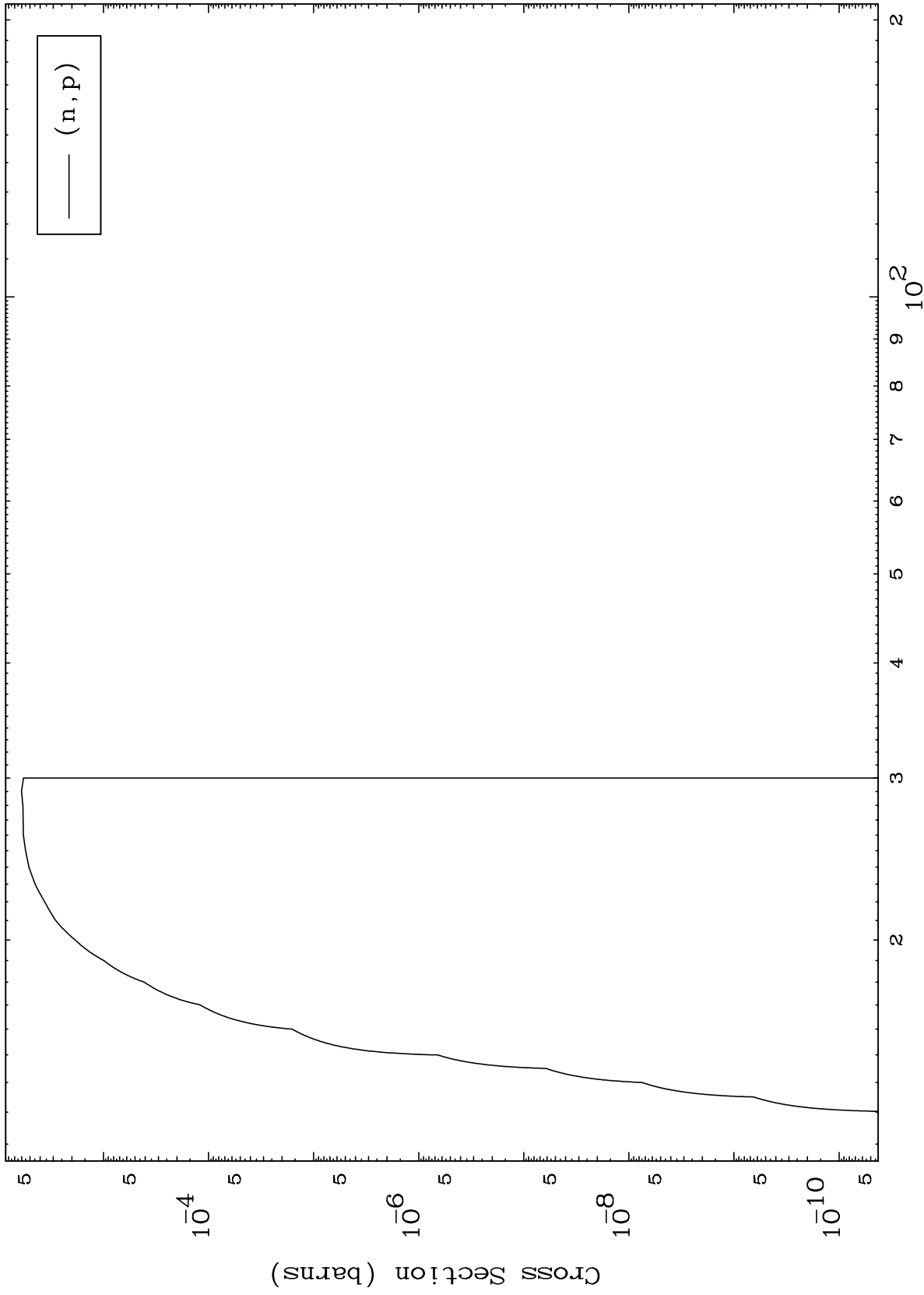
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-70



9

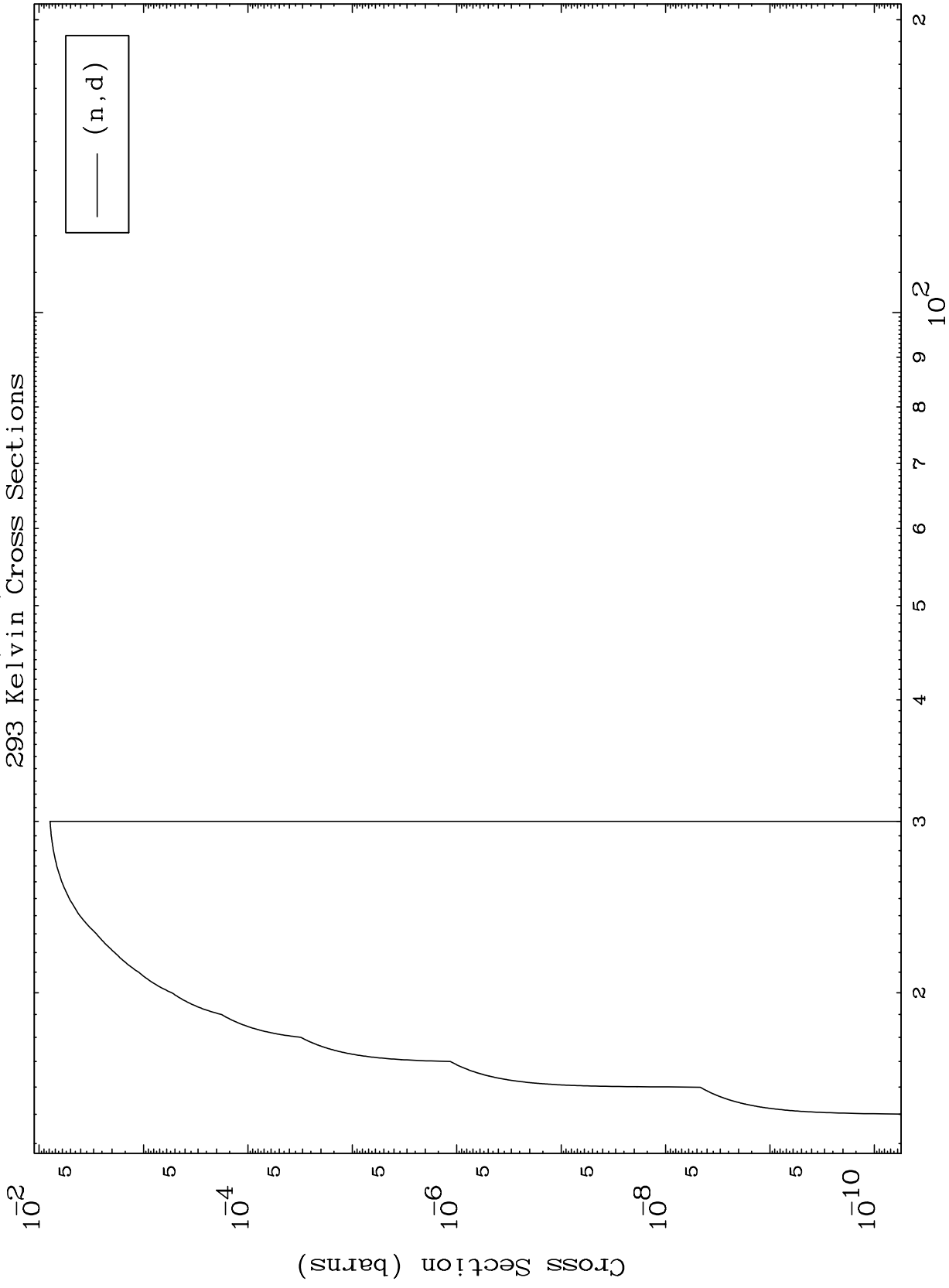
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-70



10

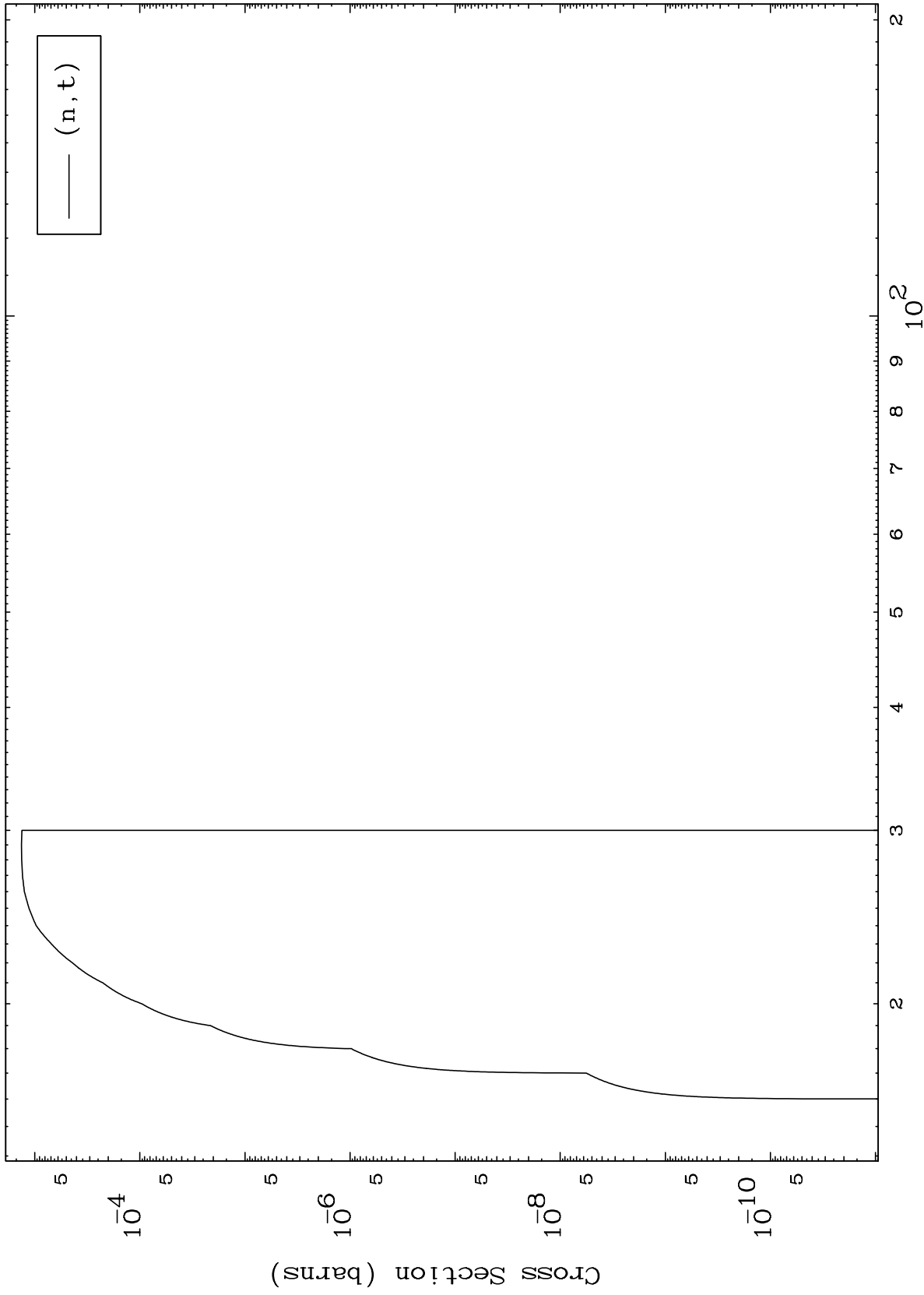
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-70



11

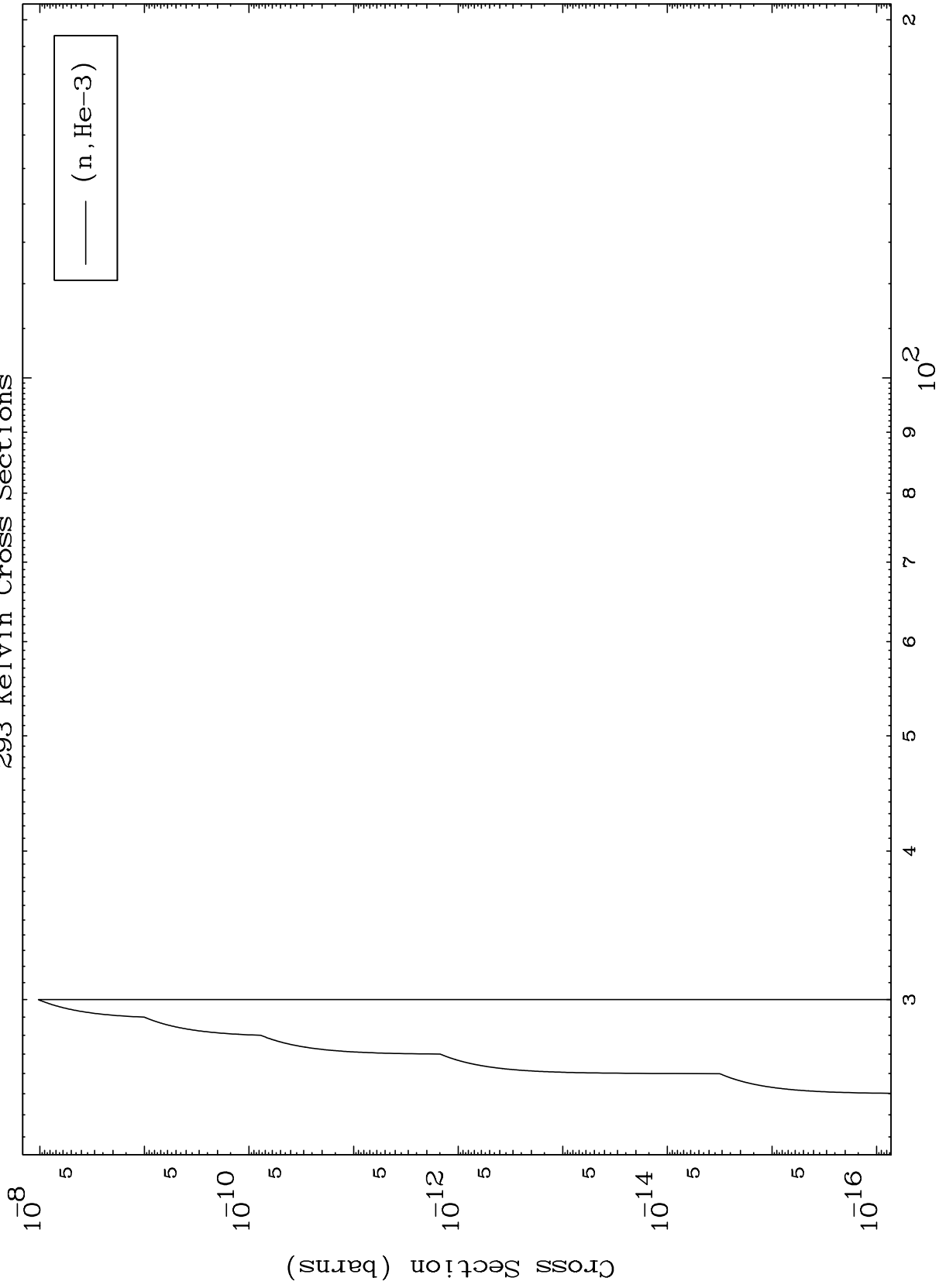
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-70



12

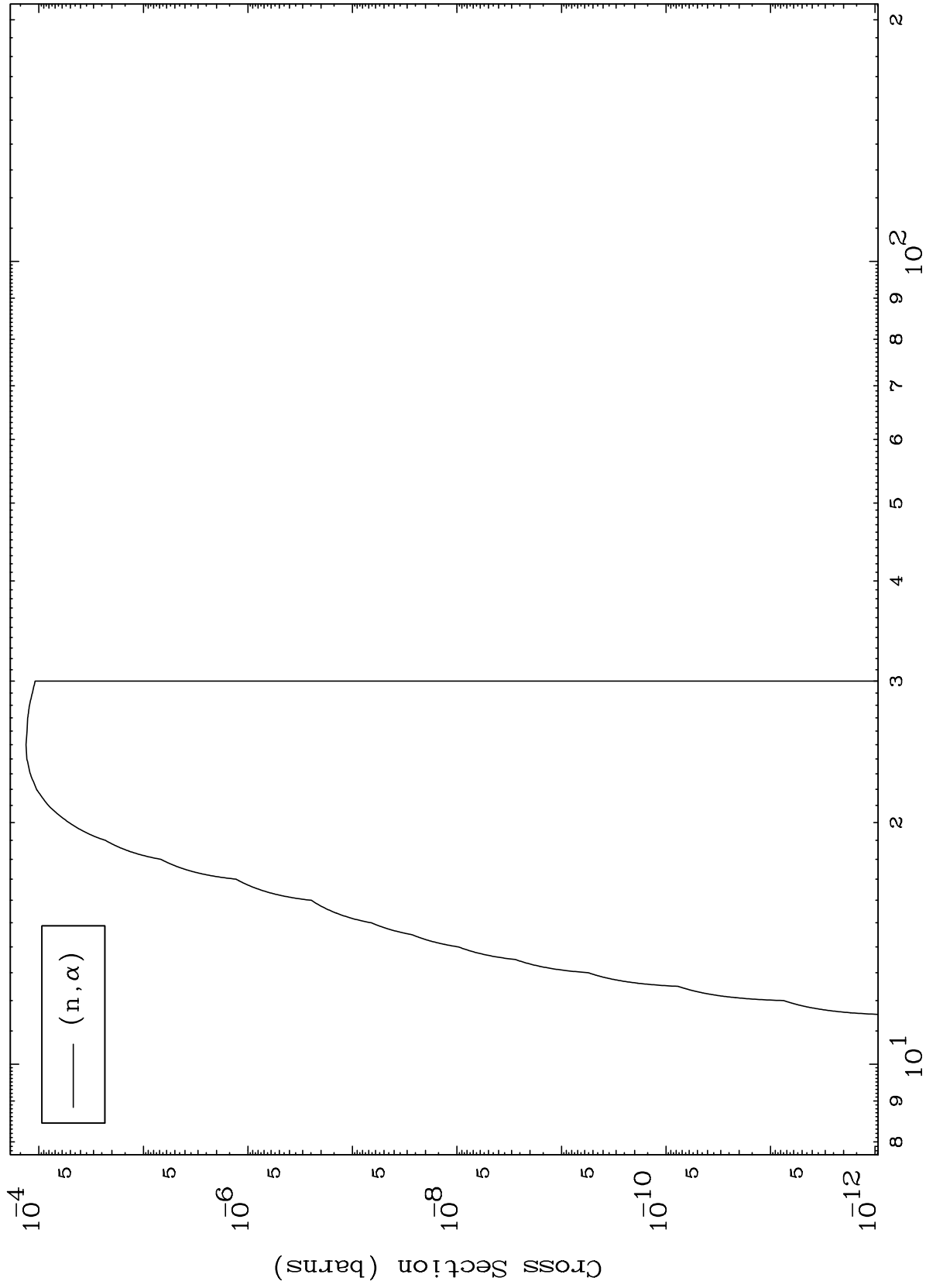
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,α) Levels  
293 Kelvin Cross Sections

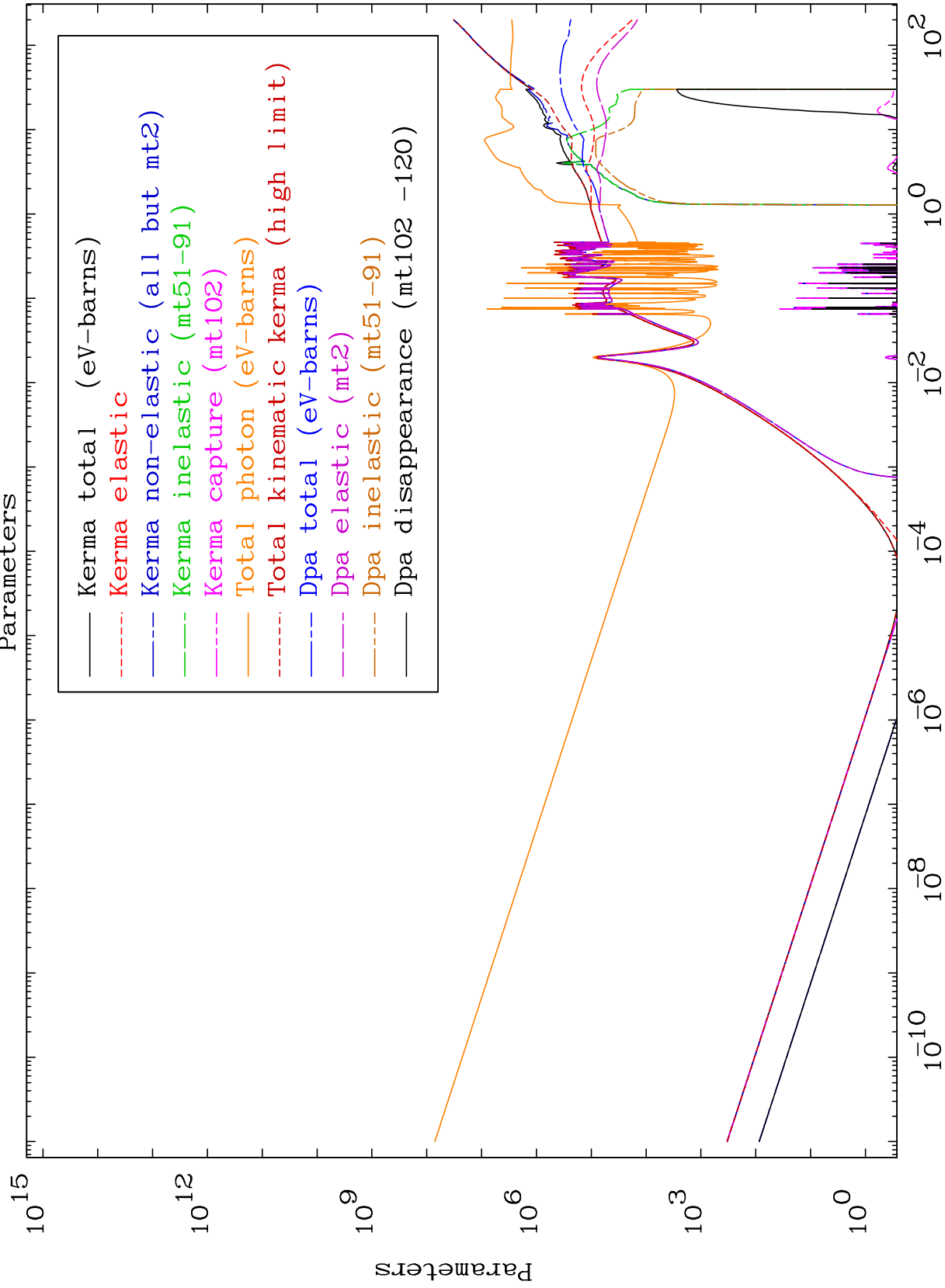
28-Ni-70

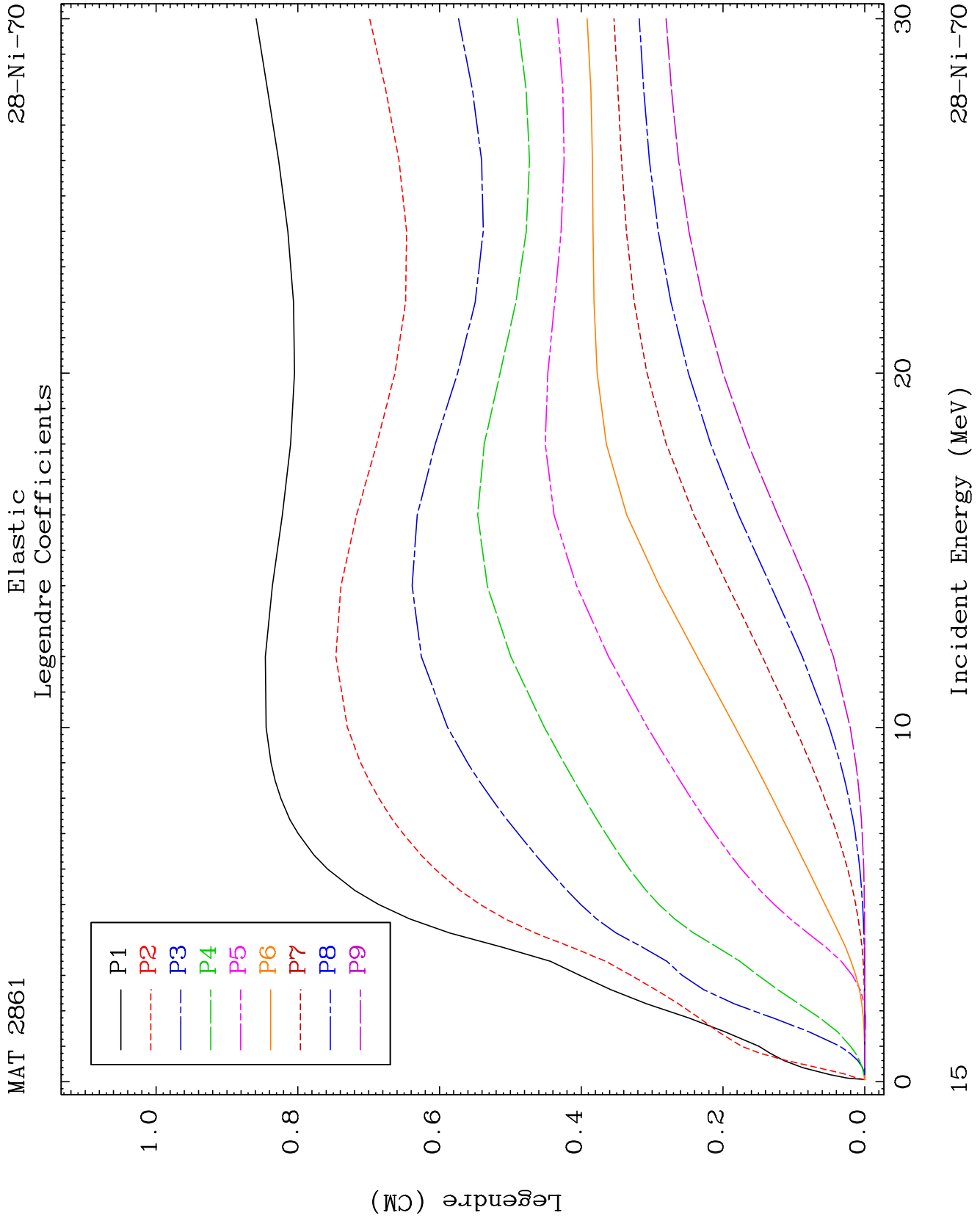


13

Incident Energy (MeV)

28-Ni-70



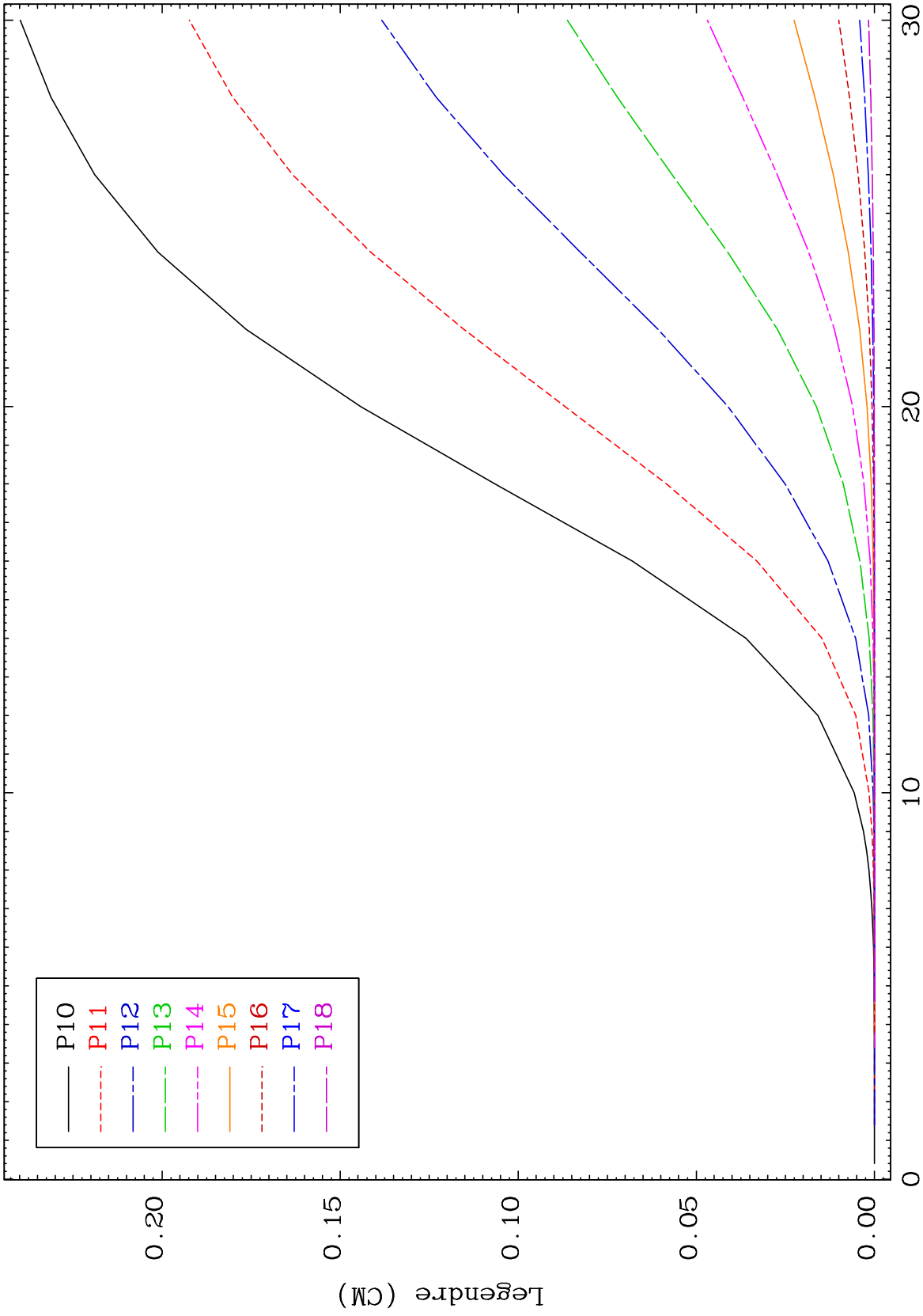




MAT 2861

Elastic Legendre Coefficients

28-Ni-70



16

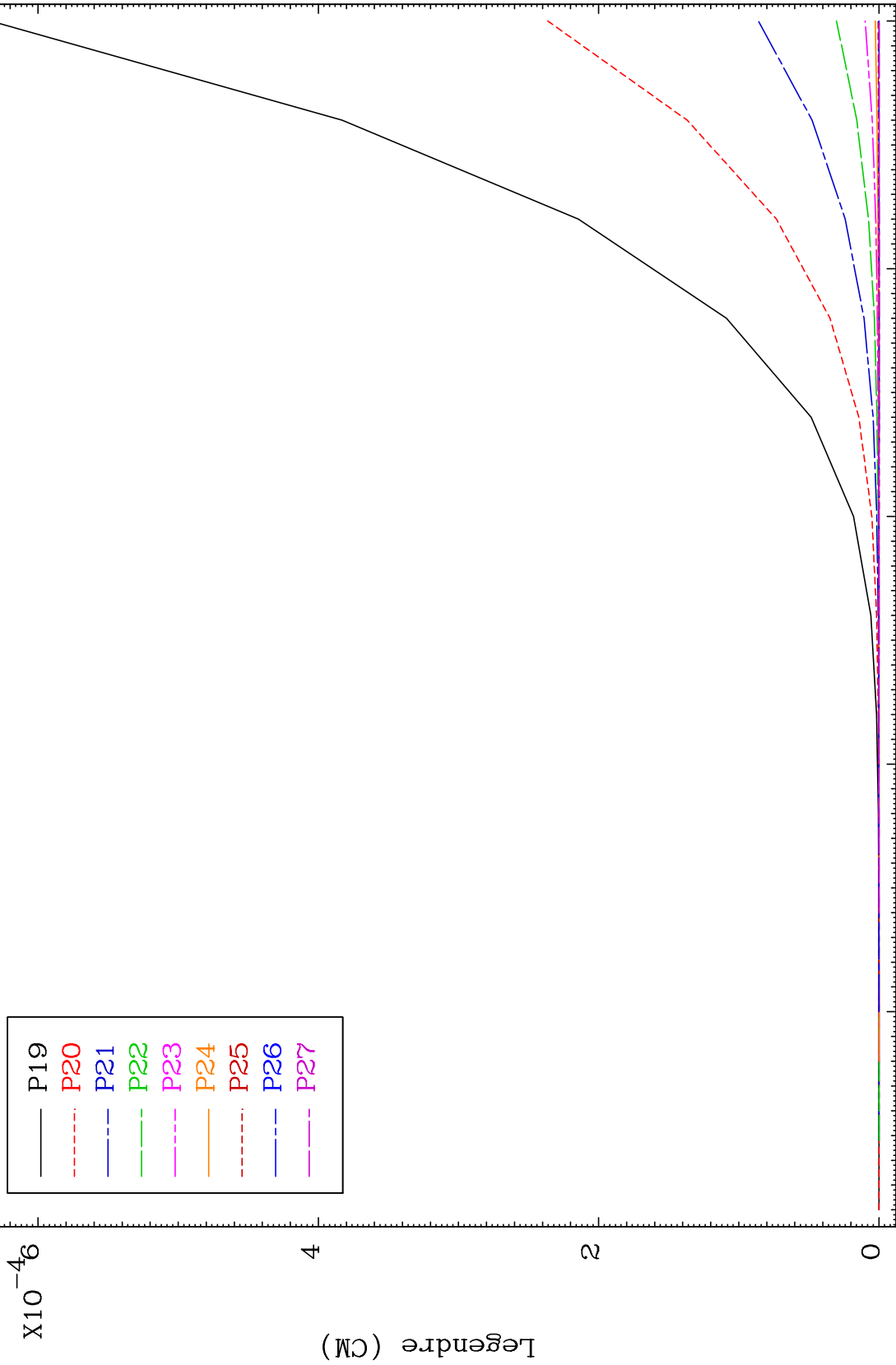
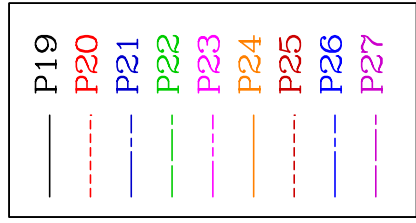
Incident Energy (MeV)

28-Ni-70

MAT 2861

Elastic Legendre Coefficients

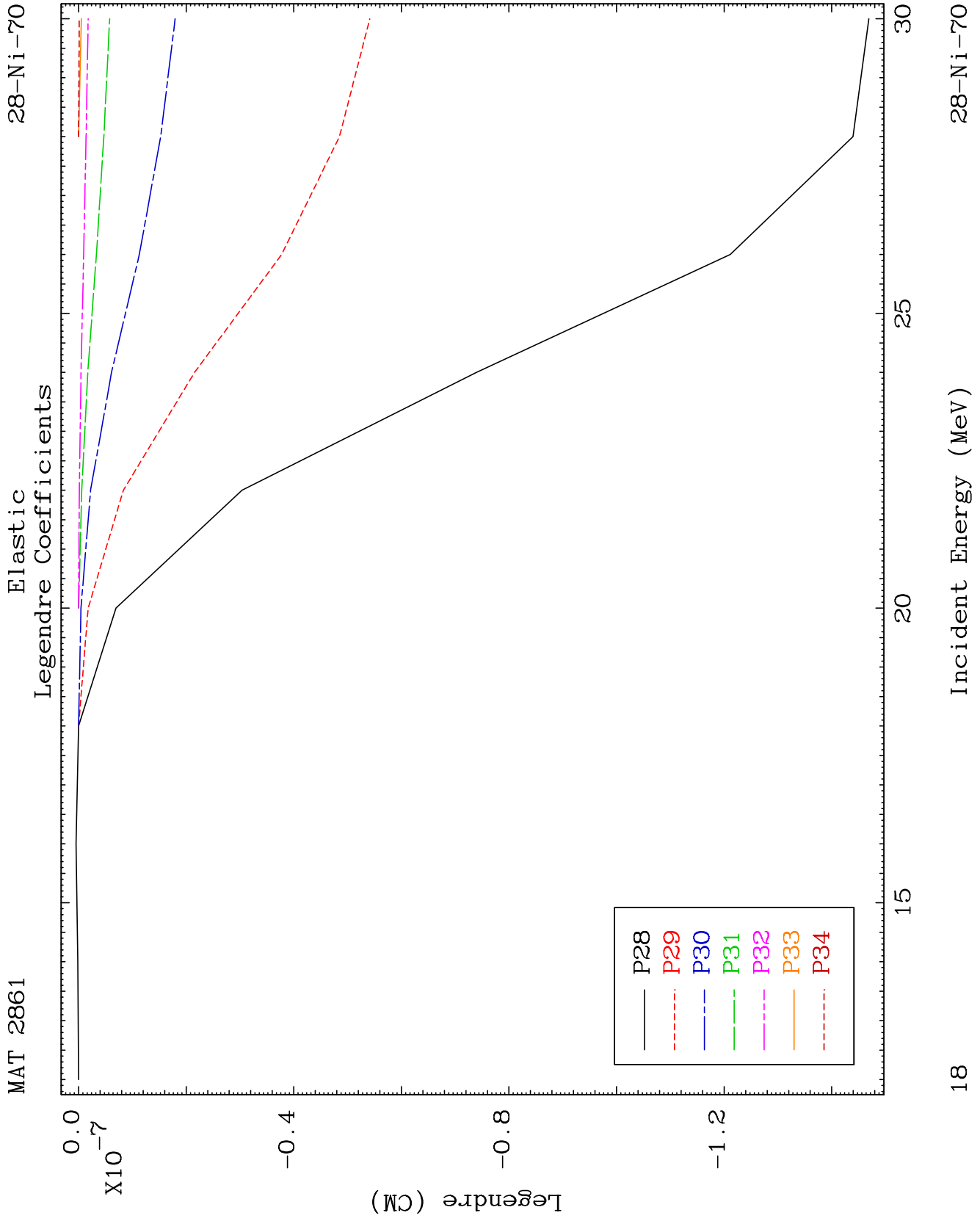
<sup>28</sup>Ni-70



17

Incident Energy (MeV)

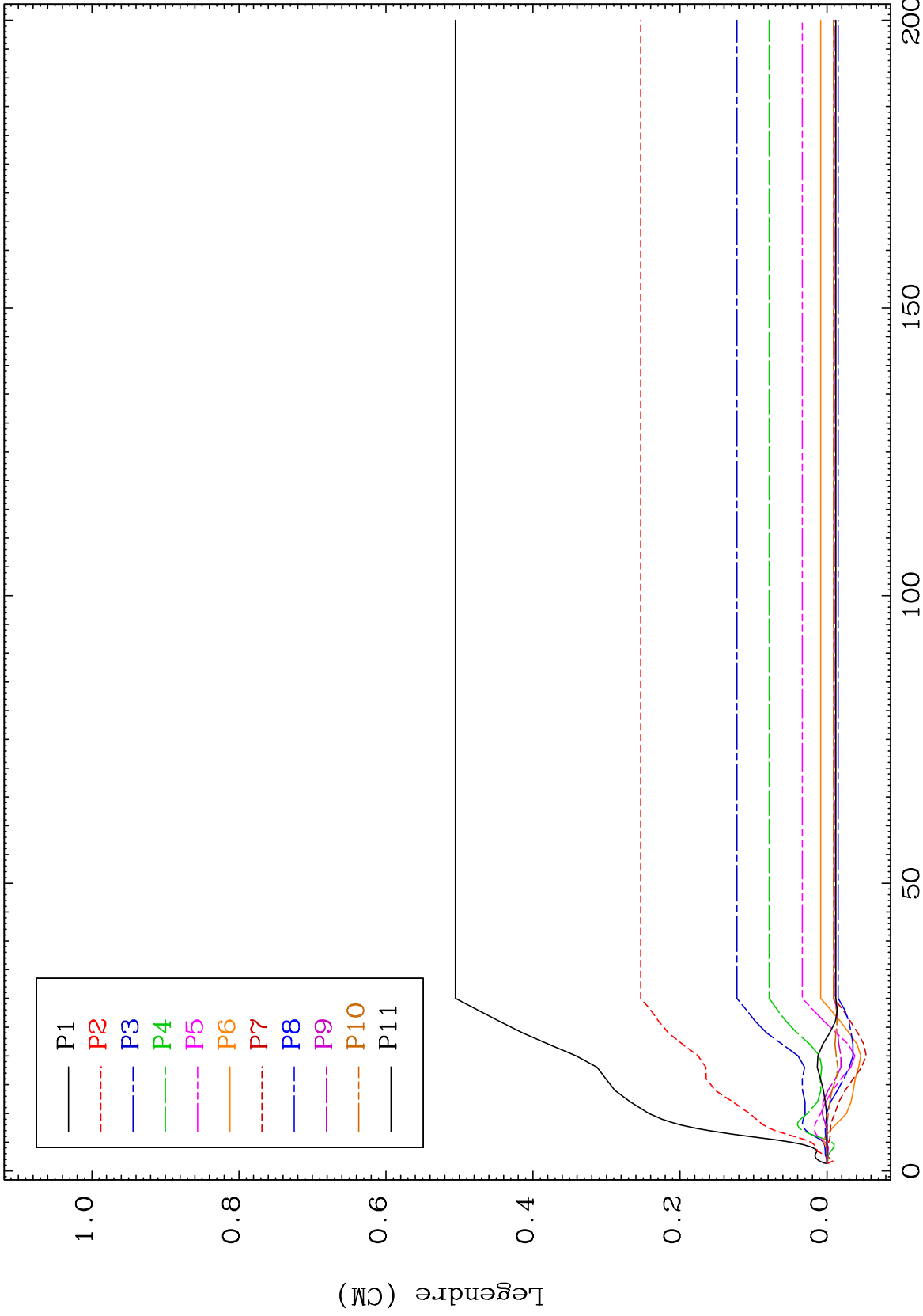
<sup>28</sup>Ni-70



MAT 2861

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

<sup>28</sup>Ni-70

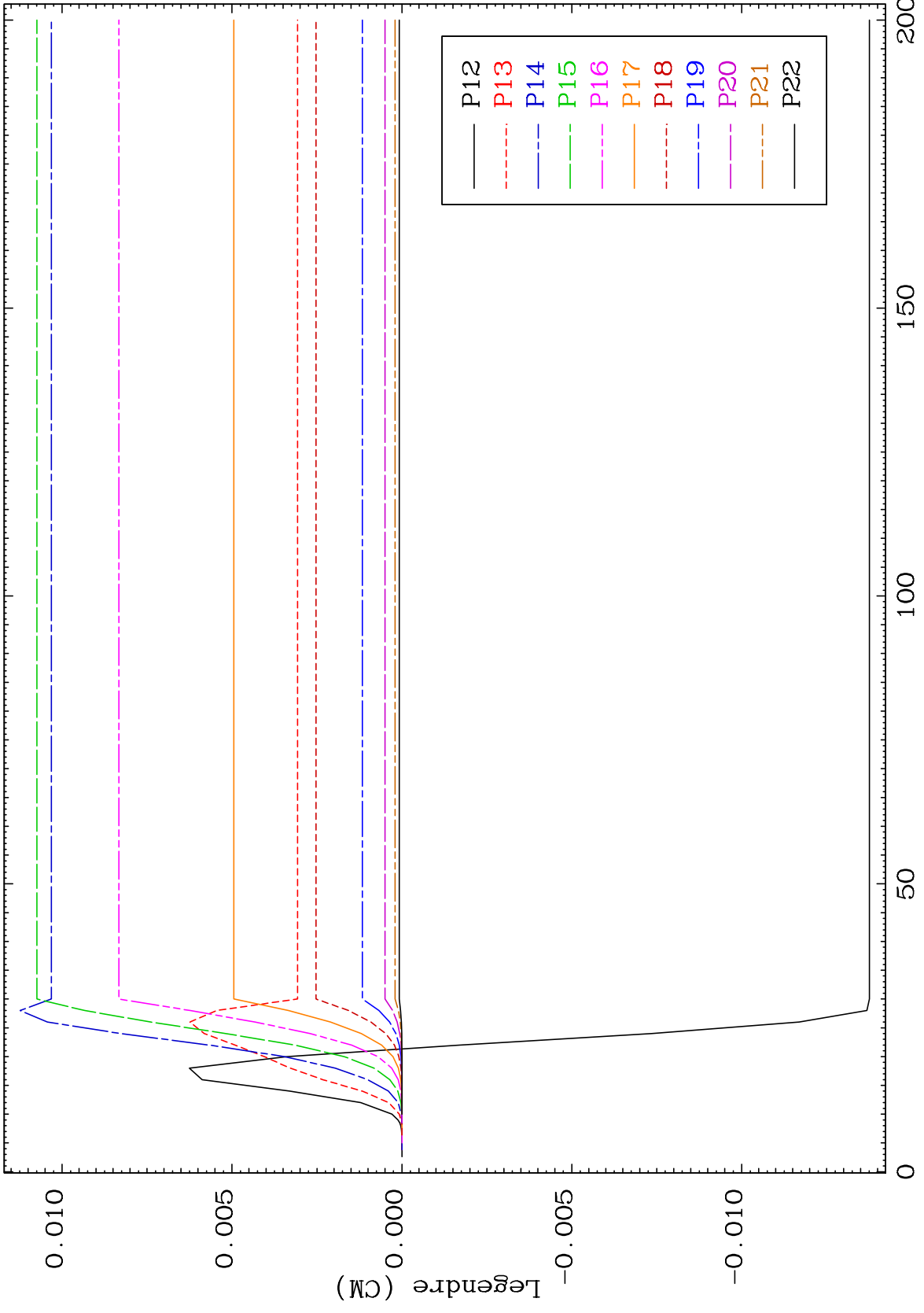


19

Incident Energy (MeV)

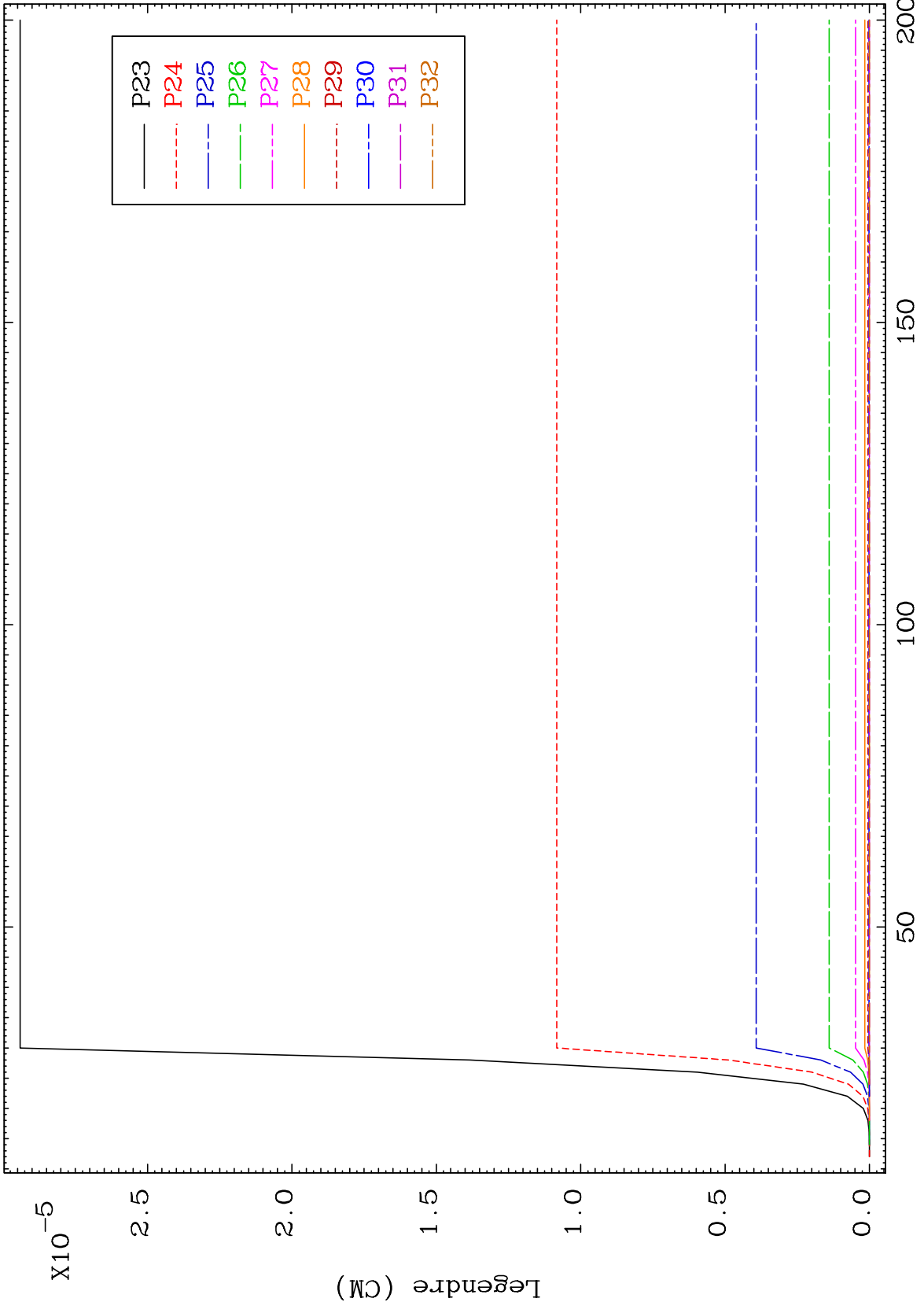
<sup>28</sup>Ni-70

MAT 2861 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-70

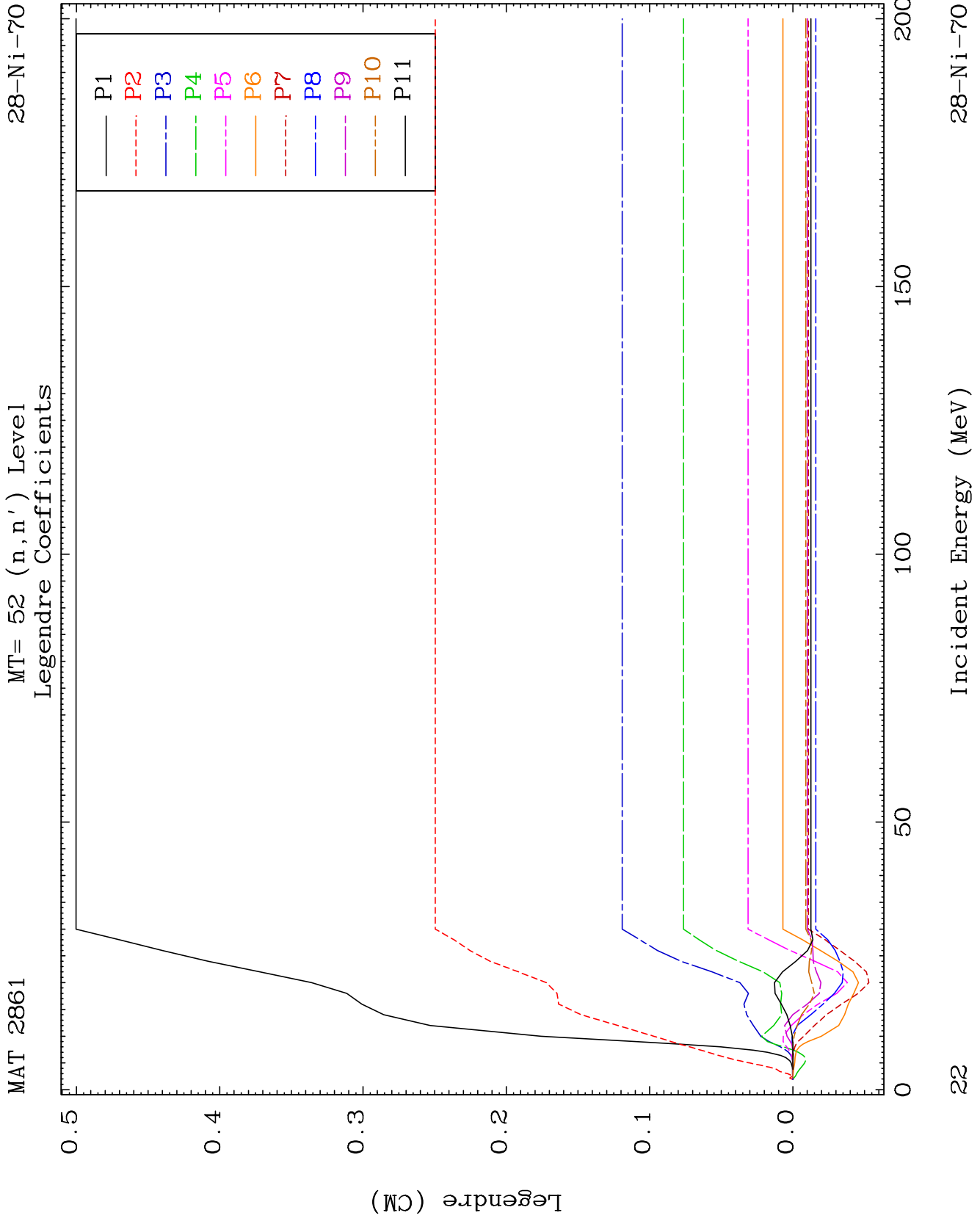


28-Ni-70 Incident Energy (MeV)

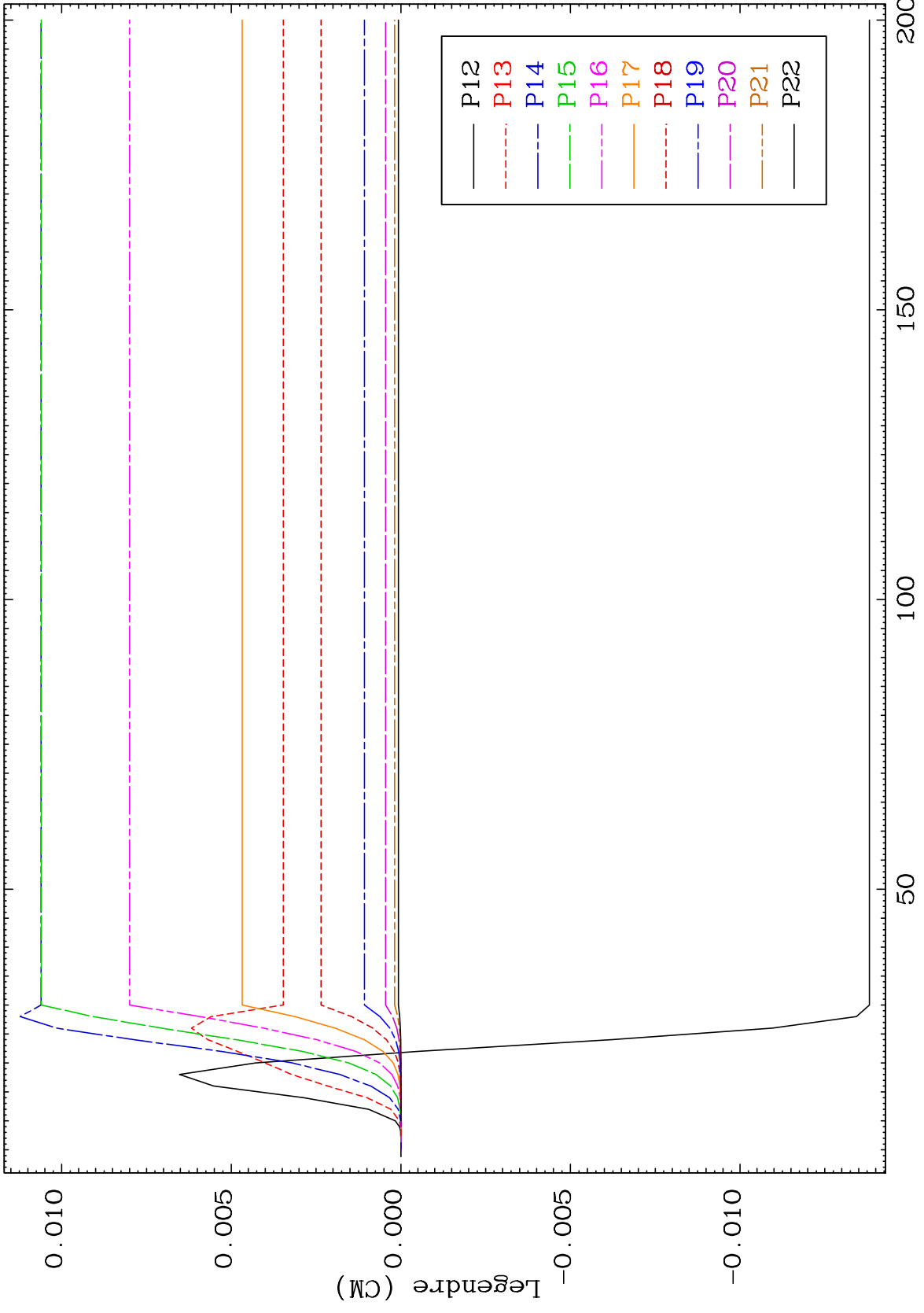
MAT 2861 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-70



21 28-Ni-70



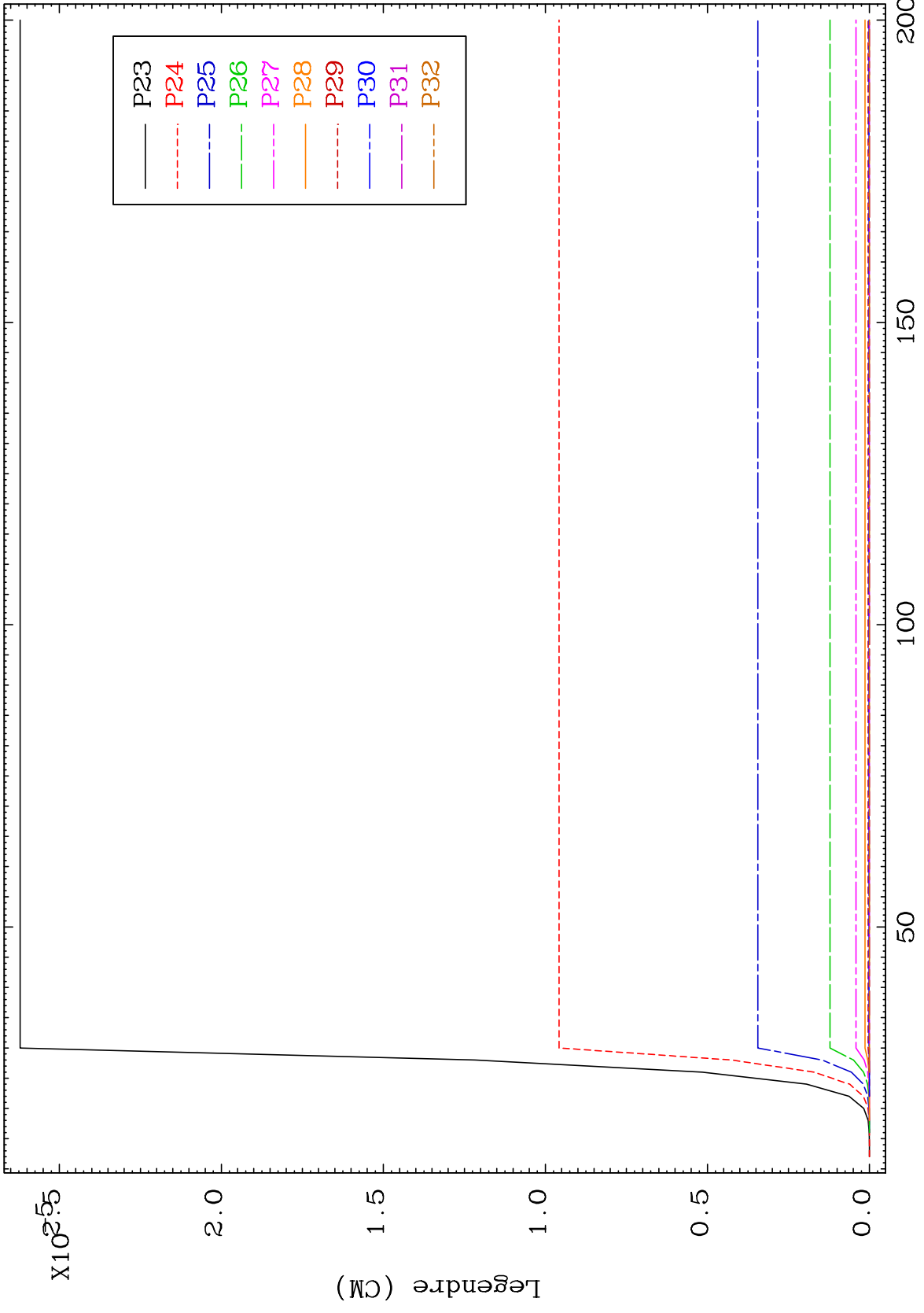
MAT 2861 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-70



23 28-Ni-70

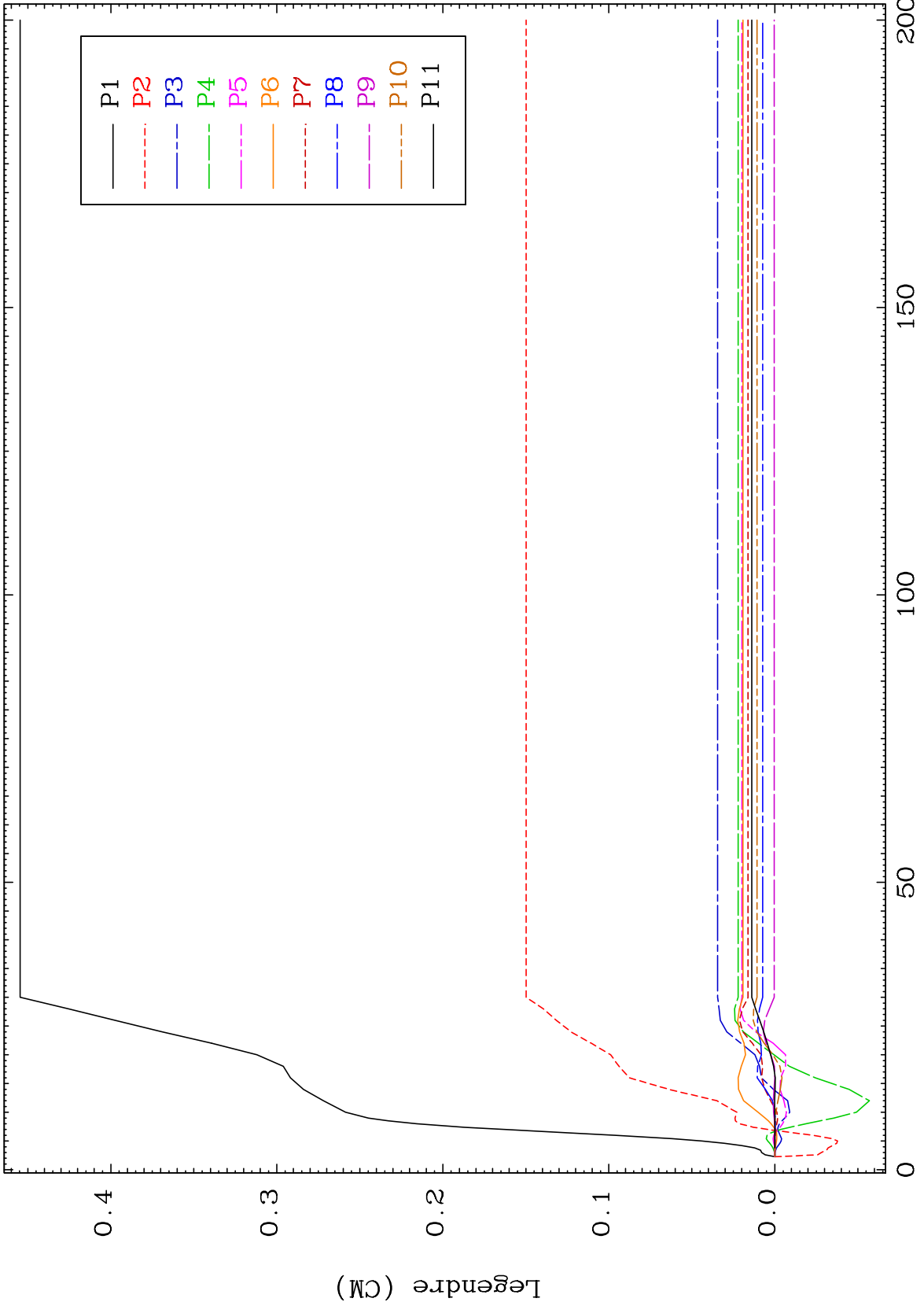


MAT 2861 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-70



24 28-Ni-70

MAT 2861 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-70

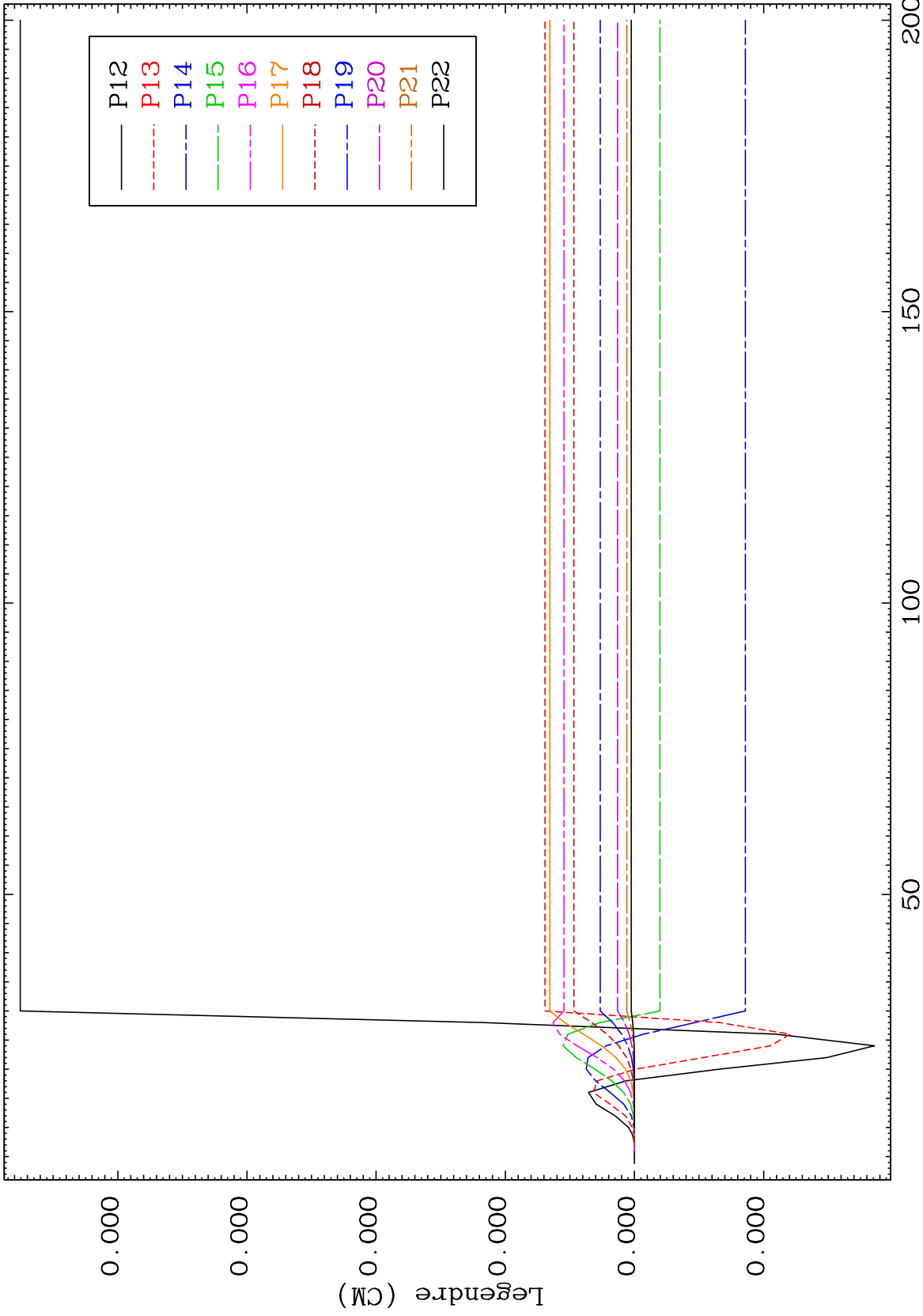


28-Ni-70

MAT 2861

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

28-Ni-70



26

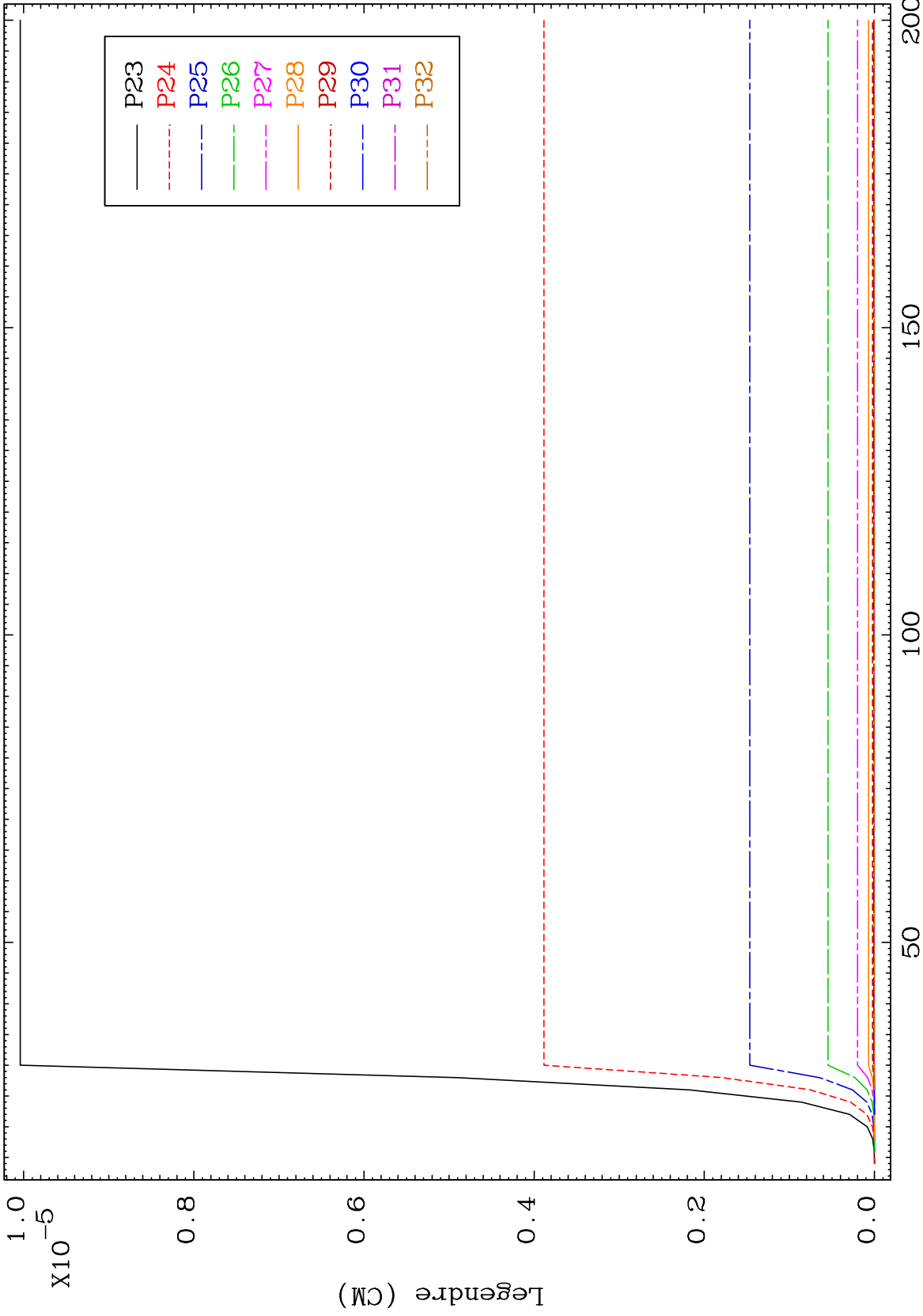
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70

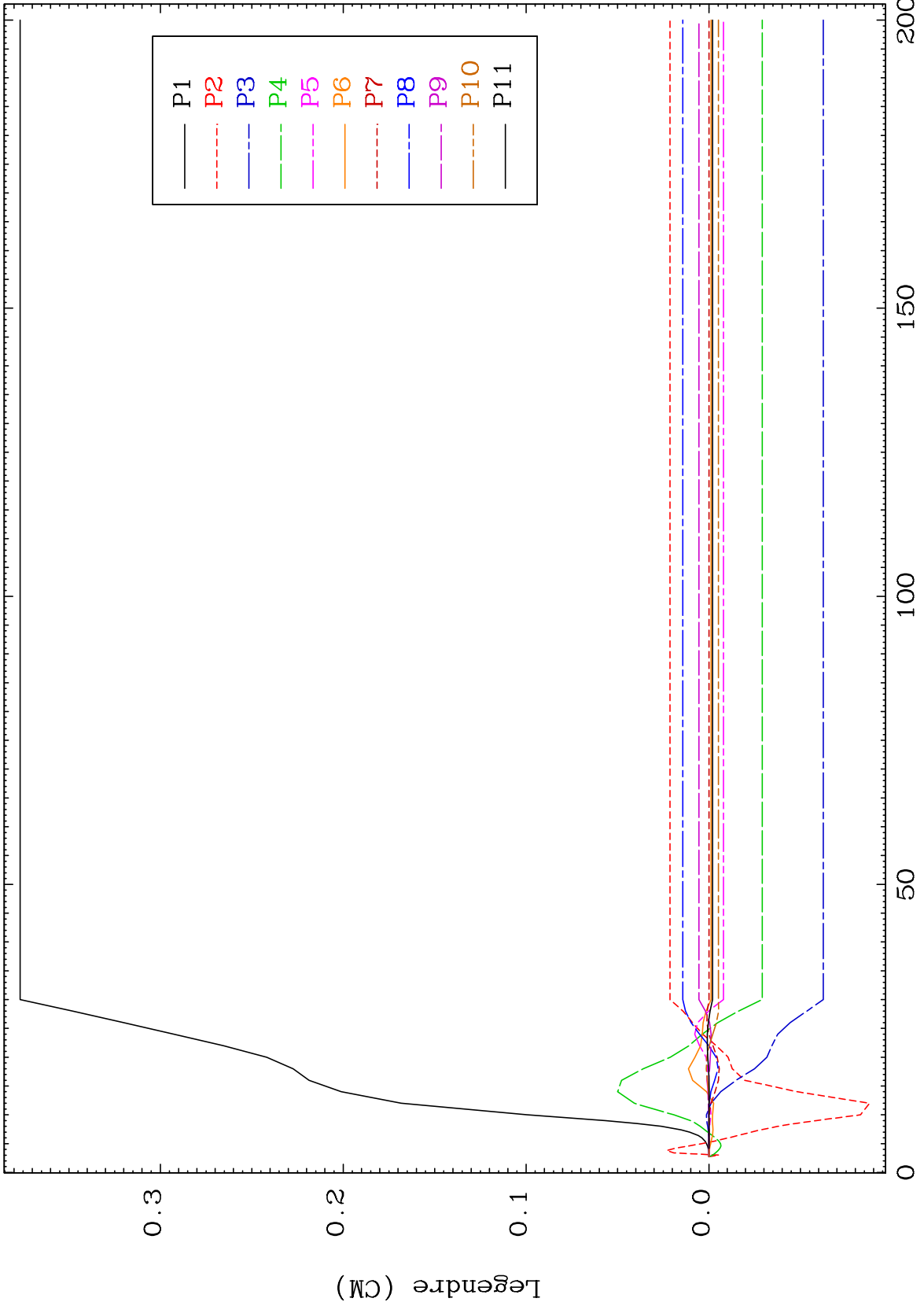


27

Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-70

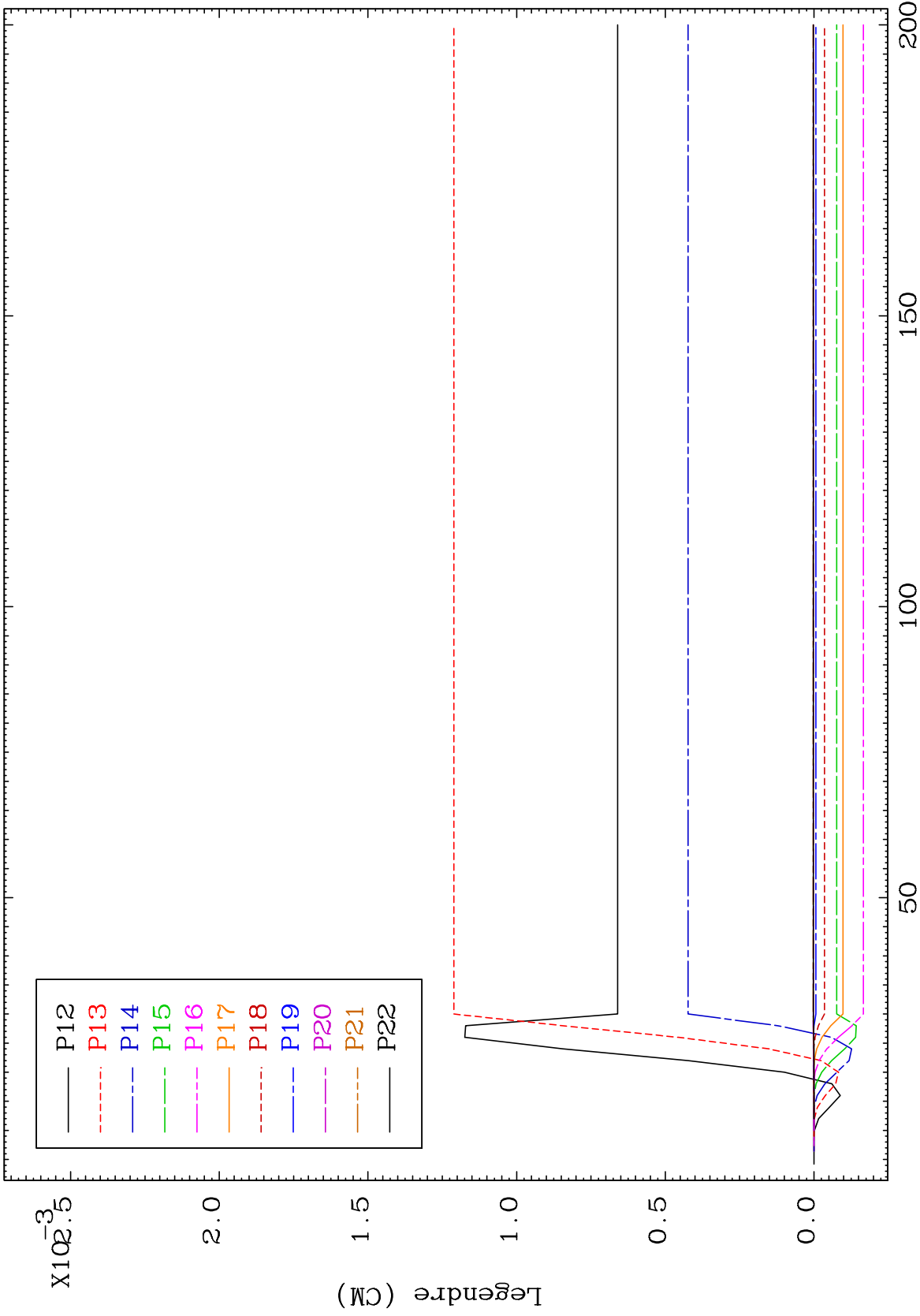


28 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70

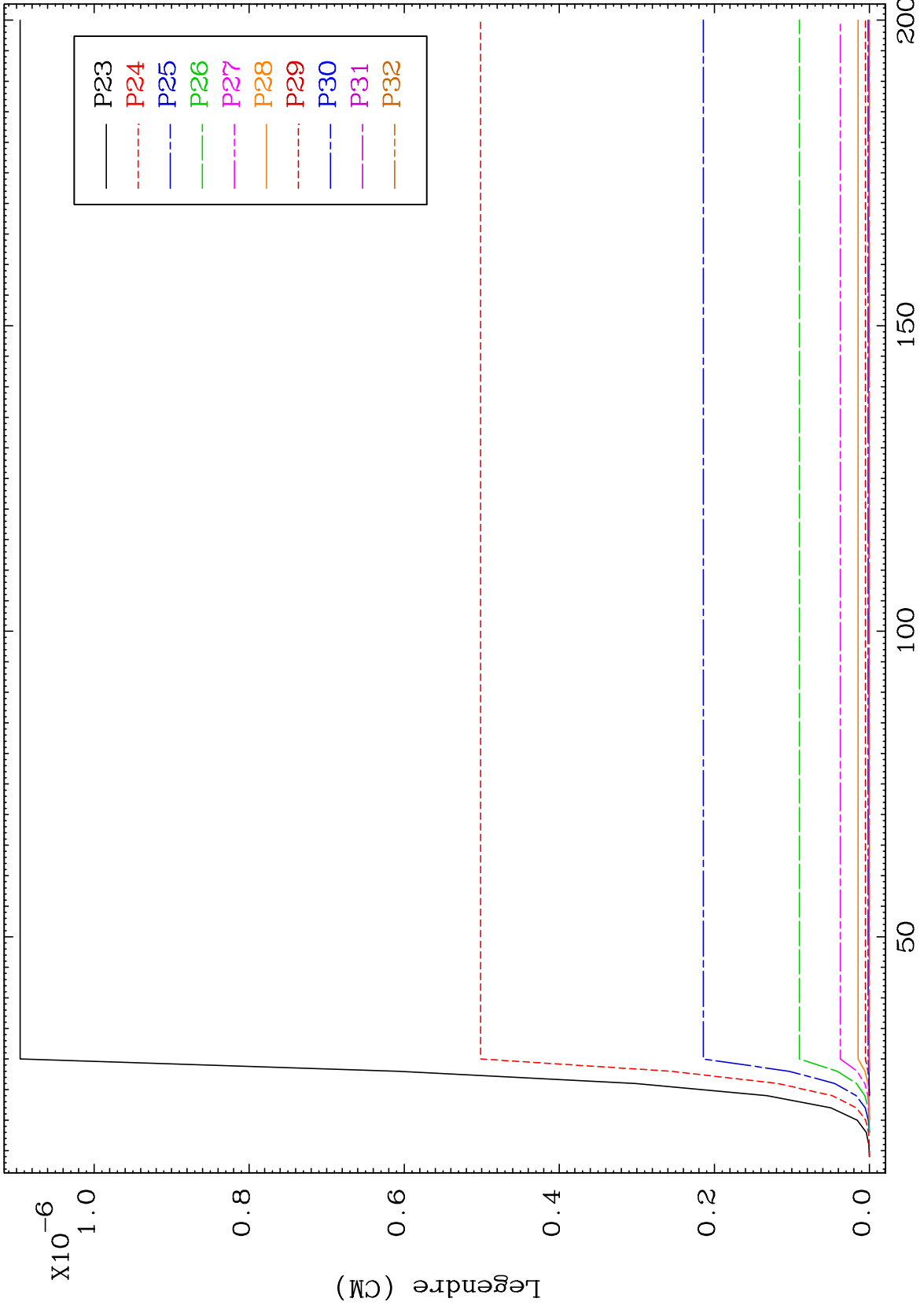


29

Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-70

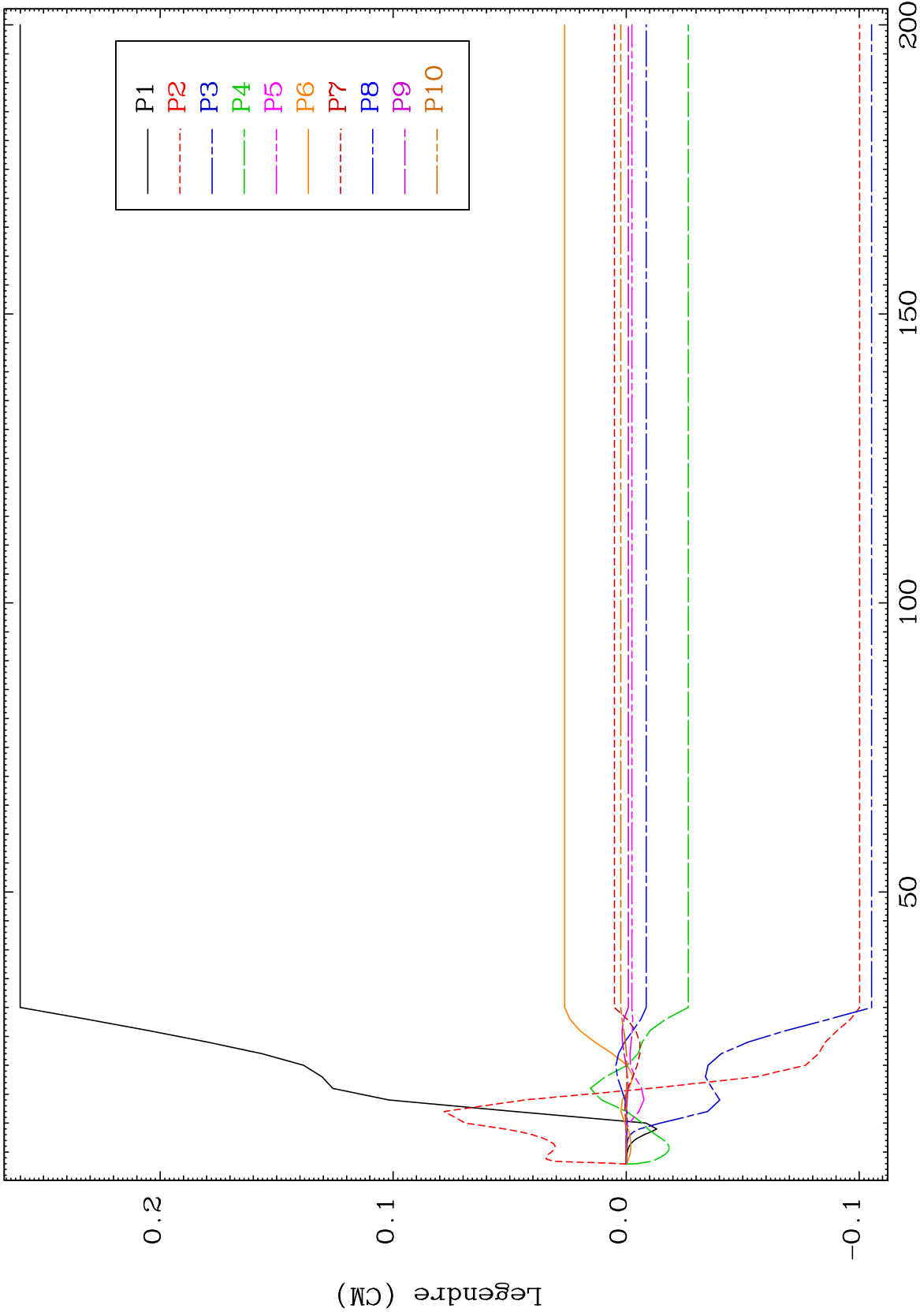


Legendre (CM) X10<sup>-6</sup> Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70



31

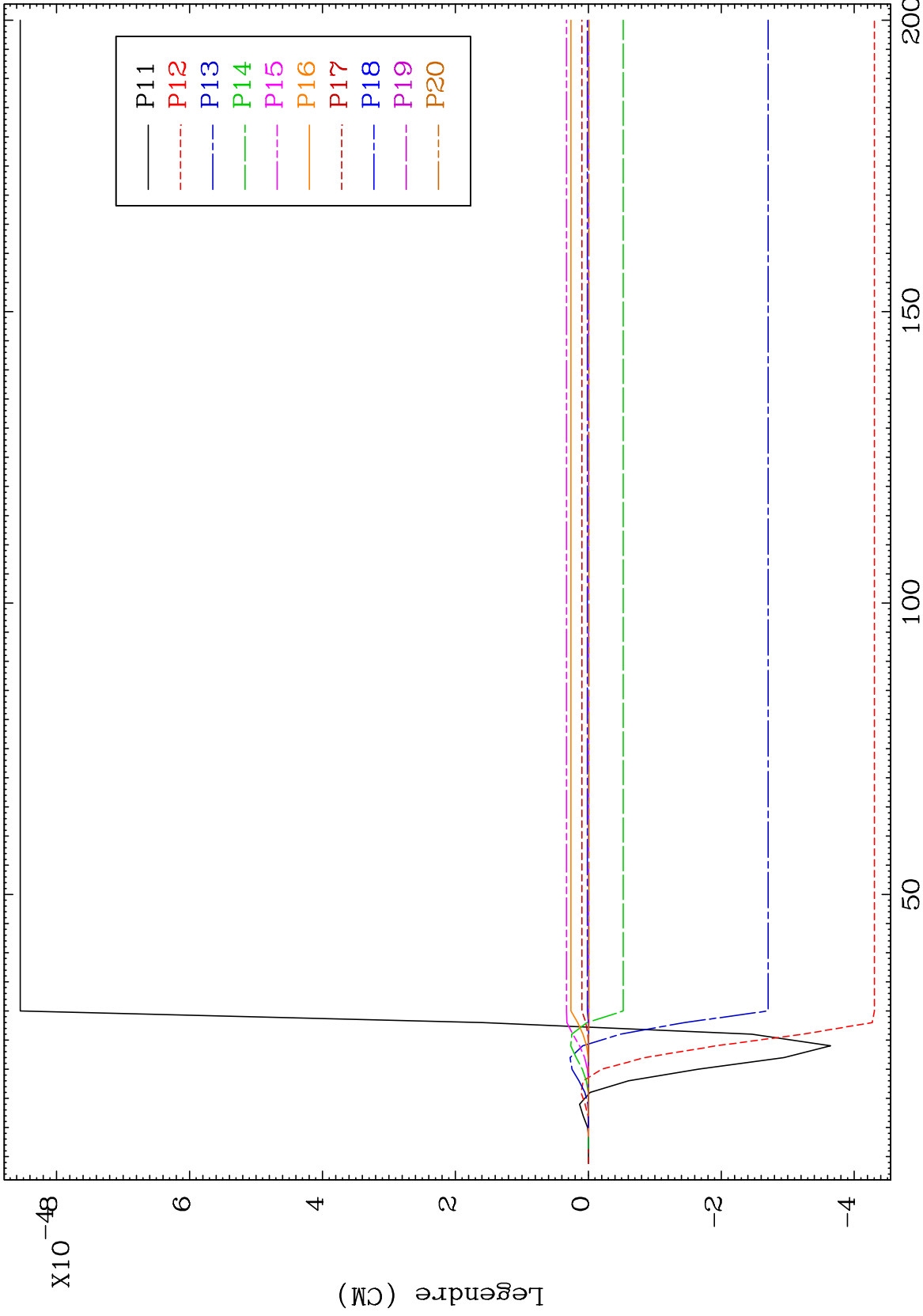
28-Ni-70



MAT 2861

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

28-Ni-70



32

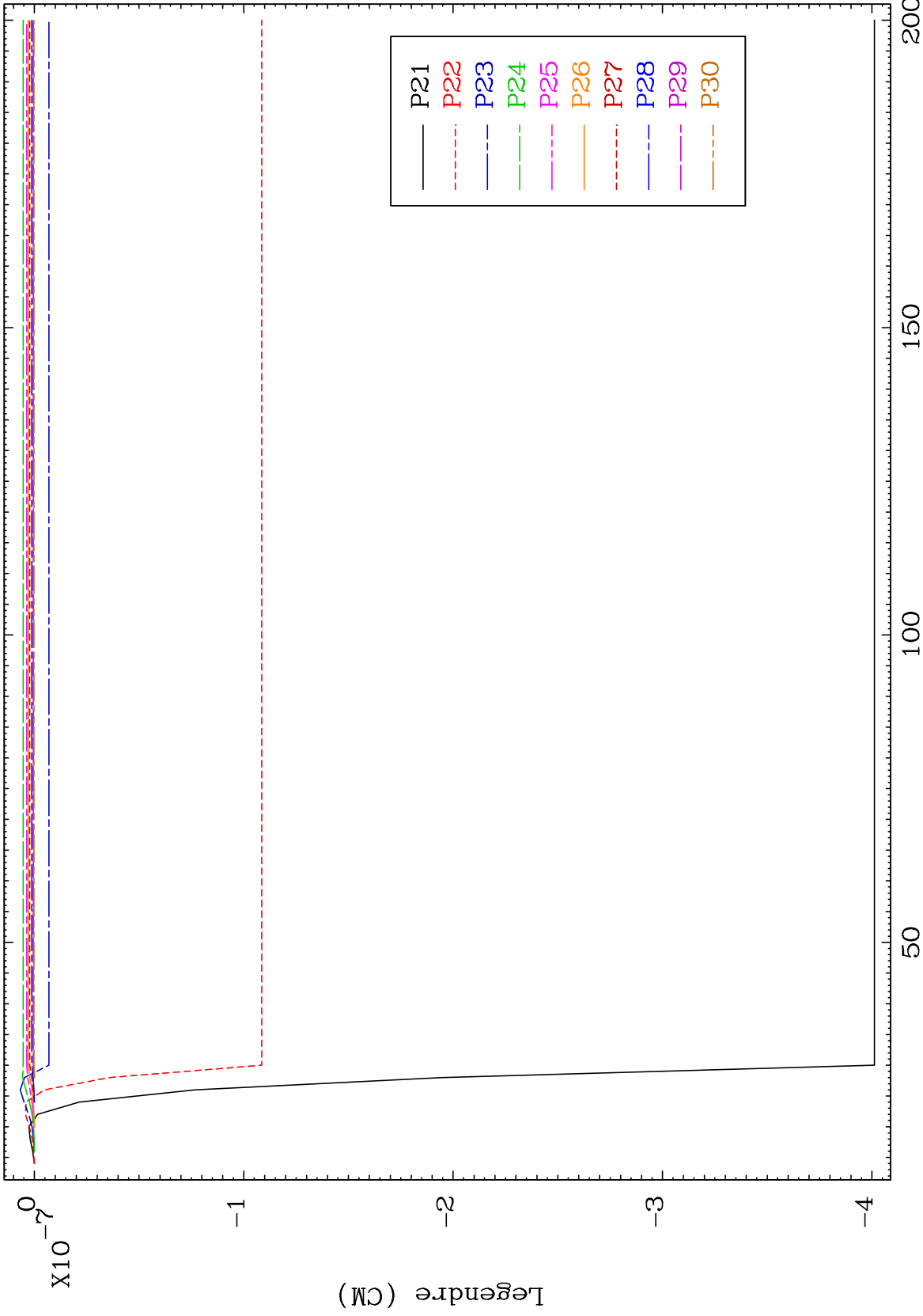
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



28-Ni-70

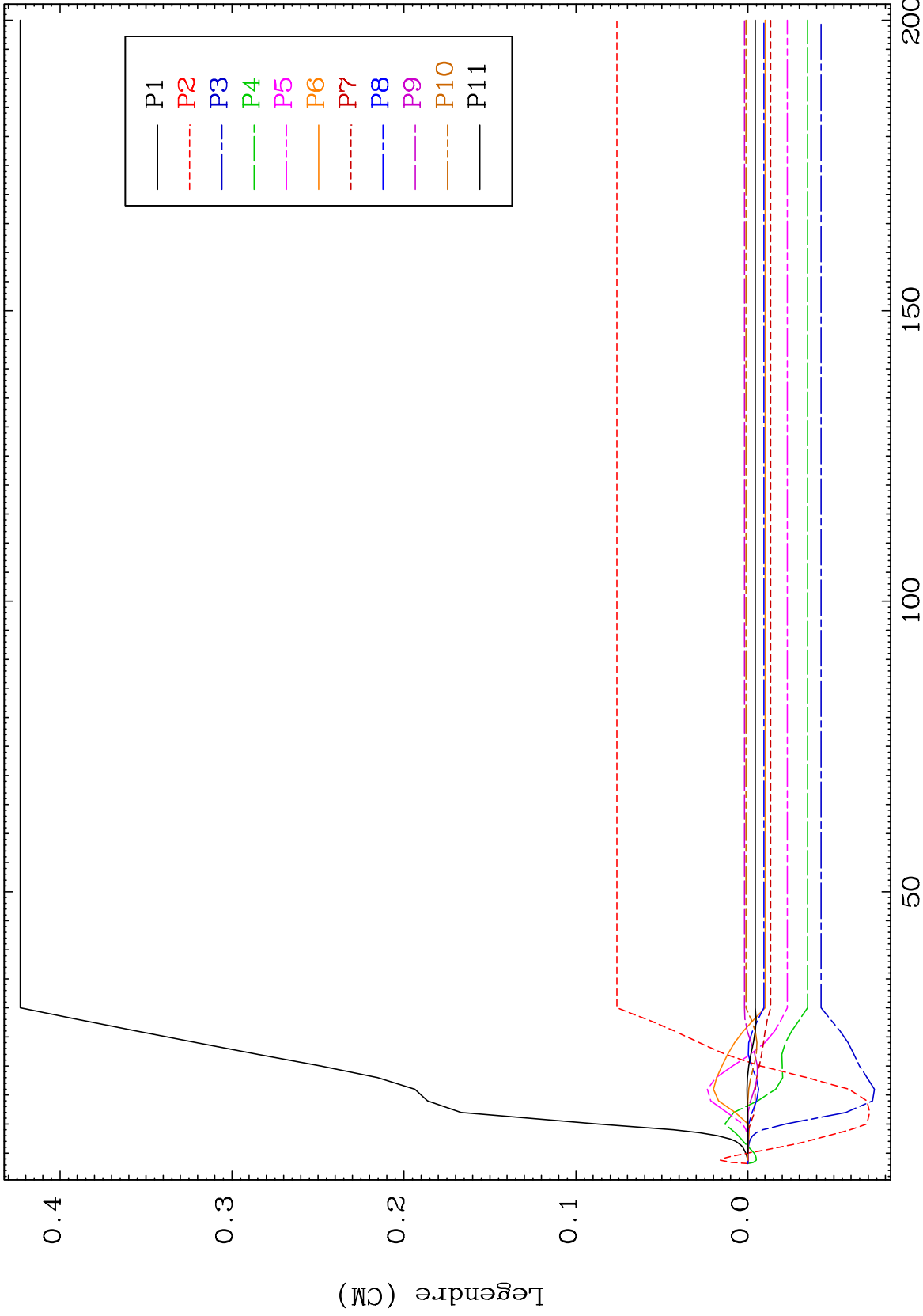
Incident Energy (MeV)

33

MAT 2861

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

28-Ni-70



34

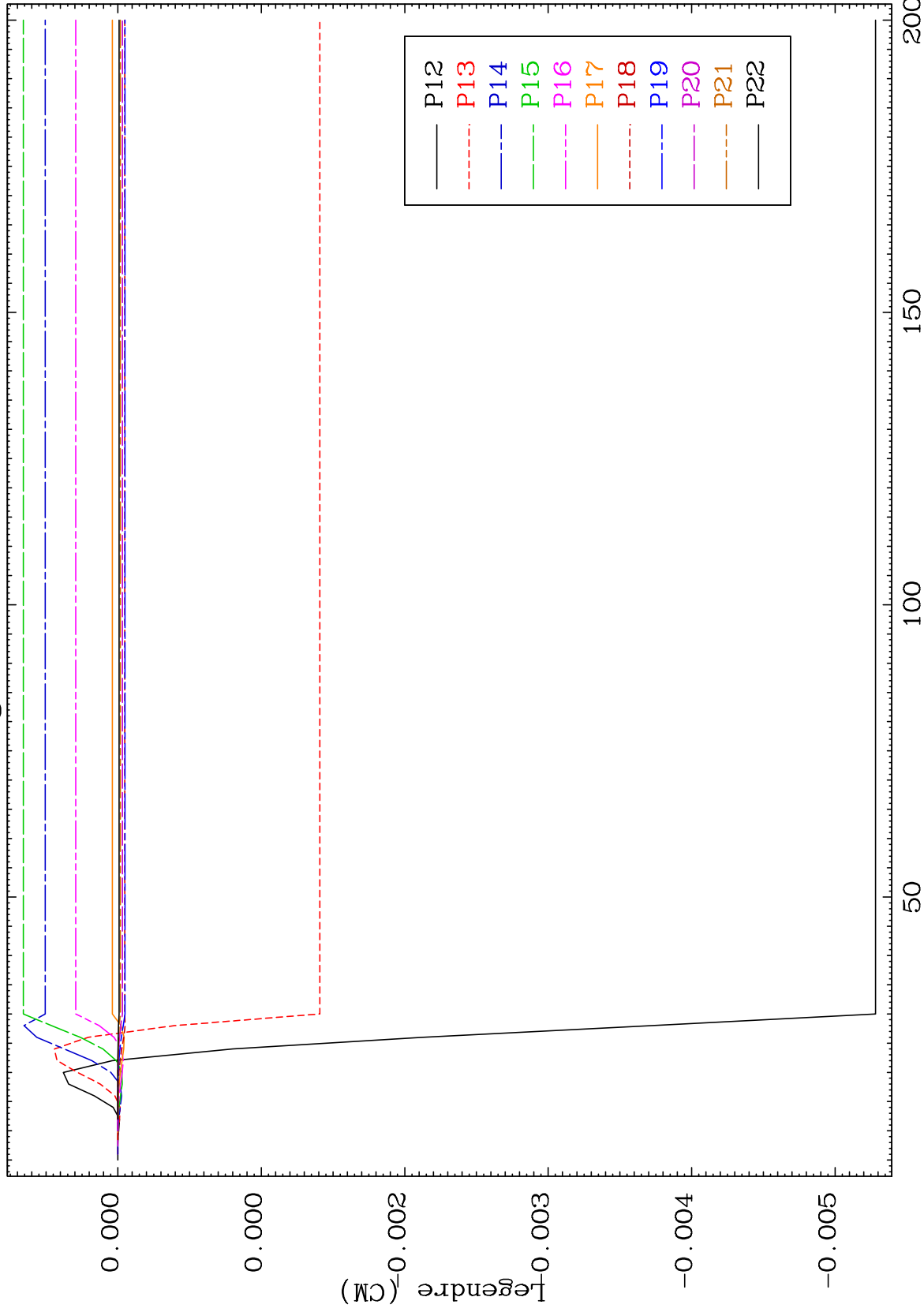
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



35

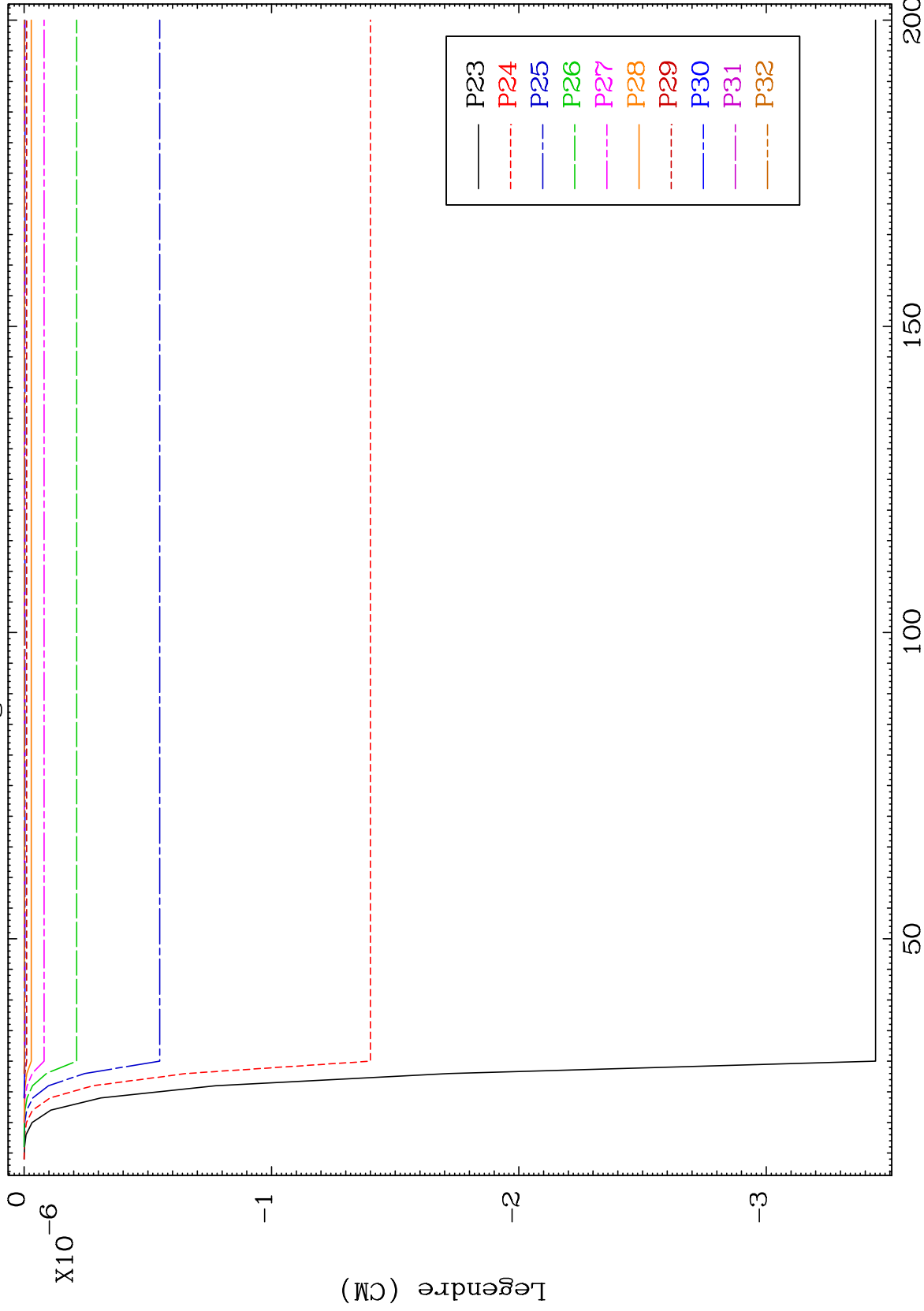
Incident Energy (MeV)

28-Ni-70

MAT 2861

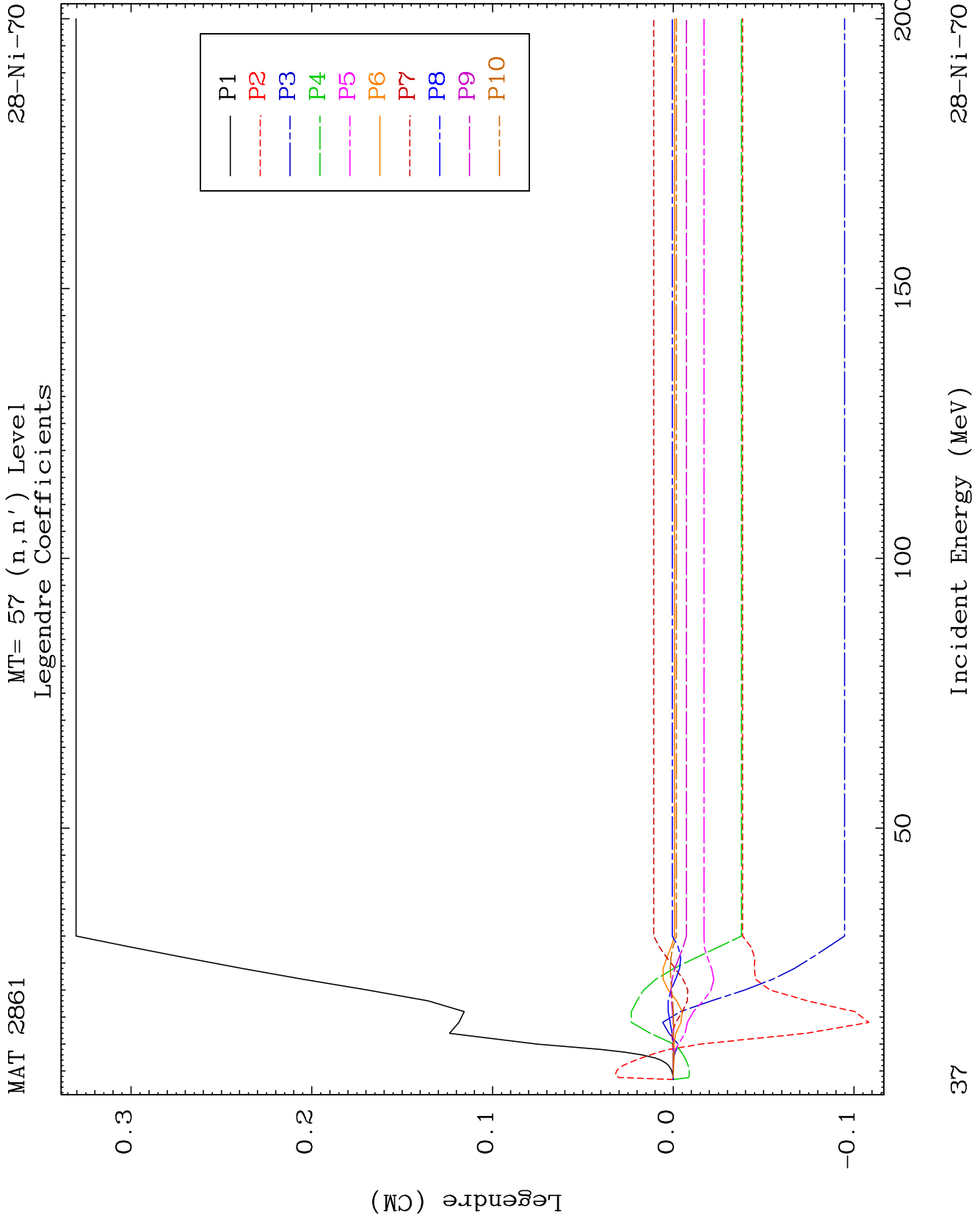
MT= 56 (n,n') Level  
Legendre Coefficients

28-Ni-70



36

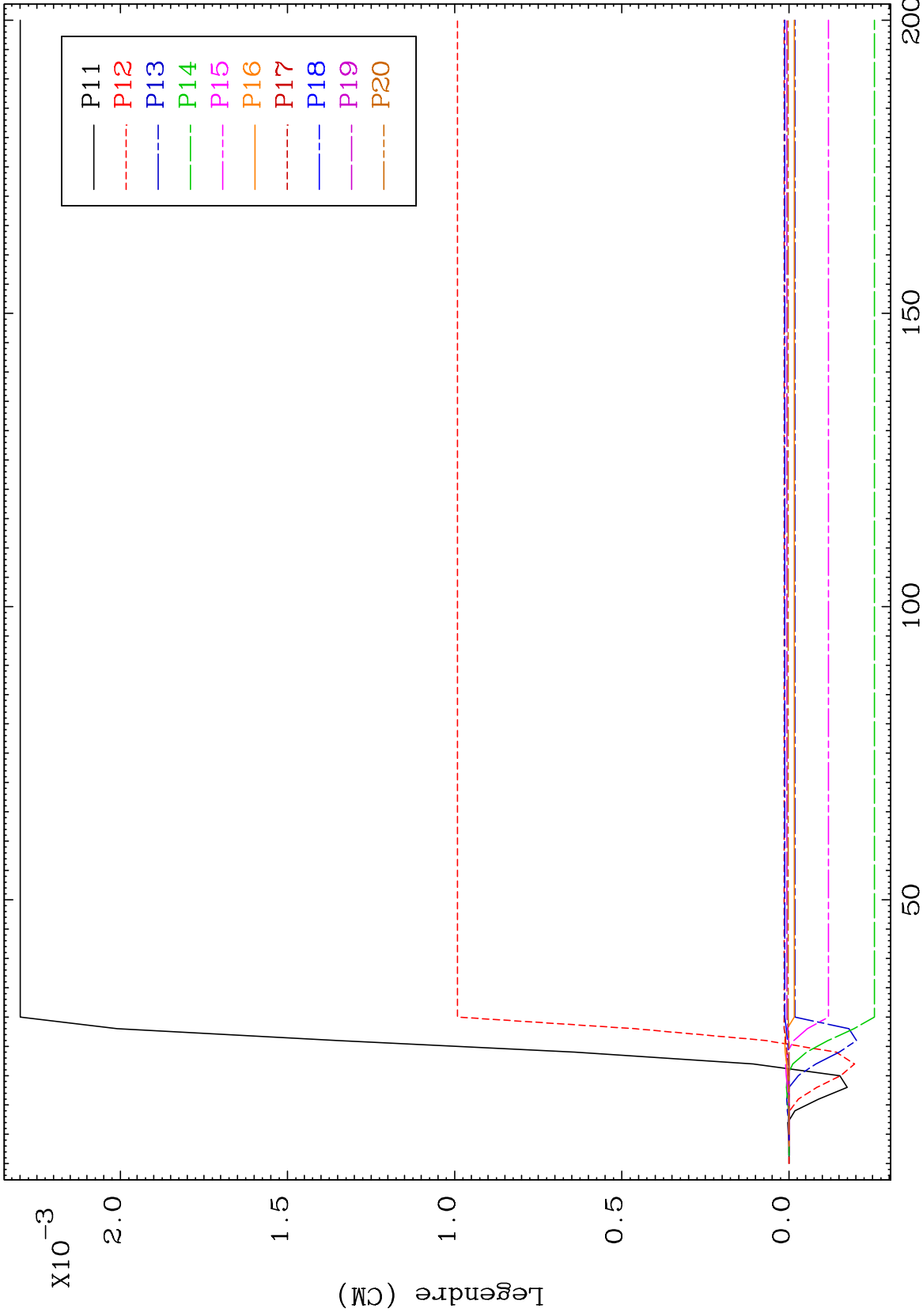
28-Ni-70



MAT 2861

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

28-Ni-70



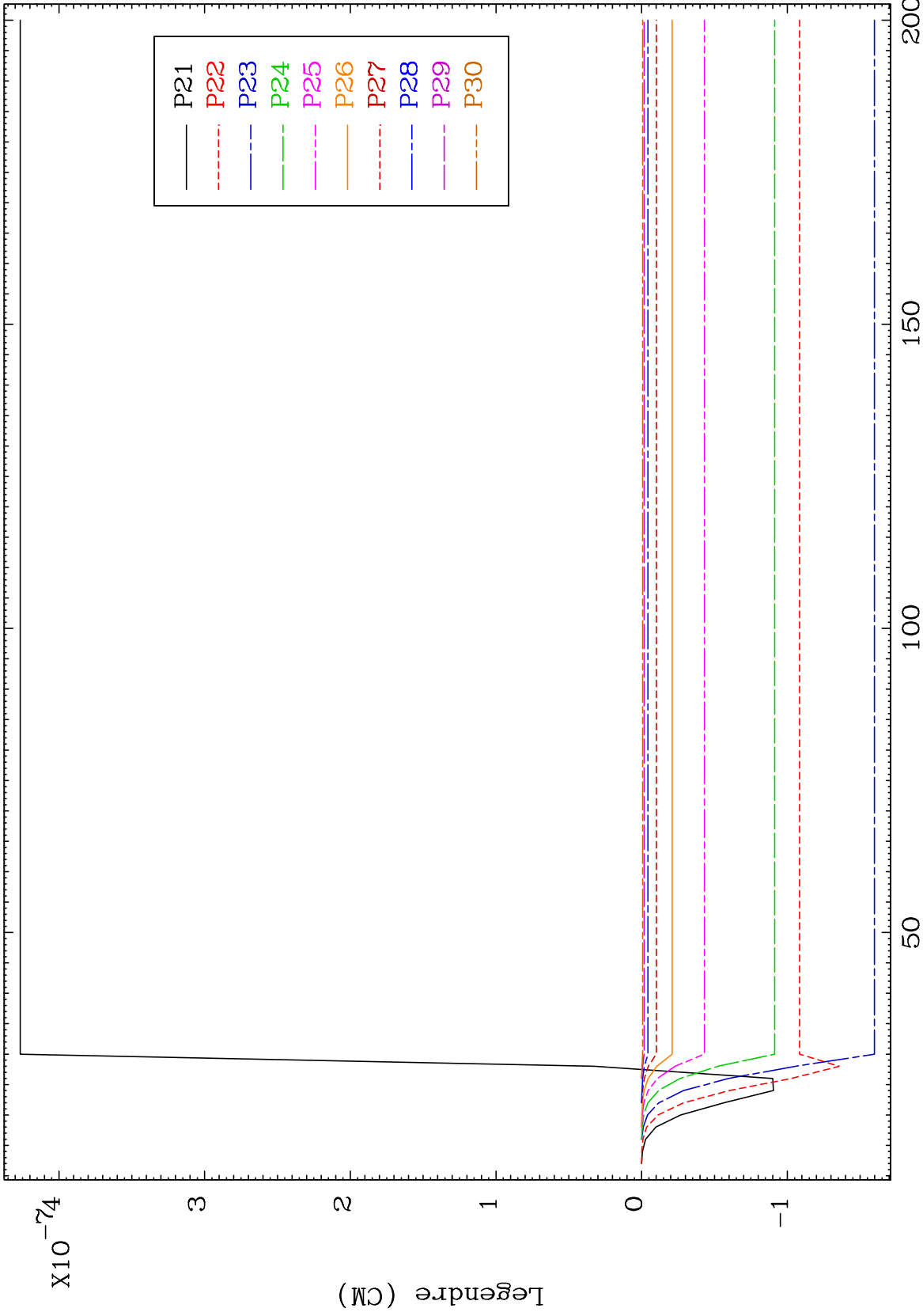
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28-Ni-70

MAT 2861

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

<sup>28</sup>Ni-70



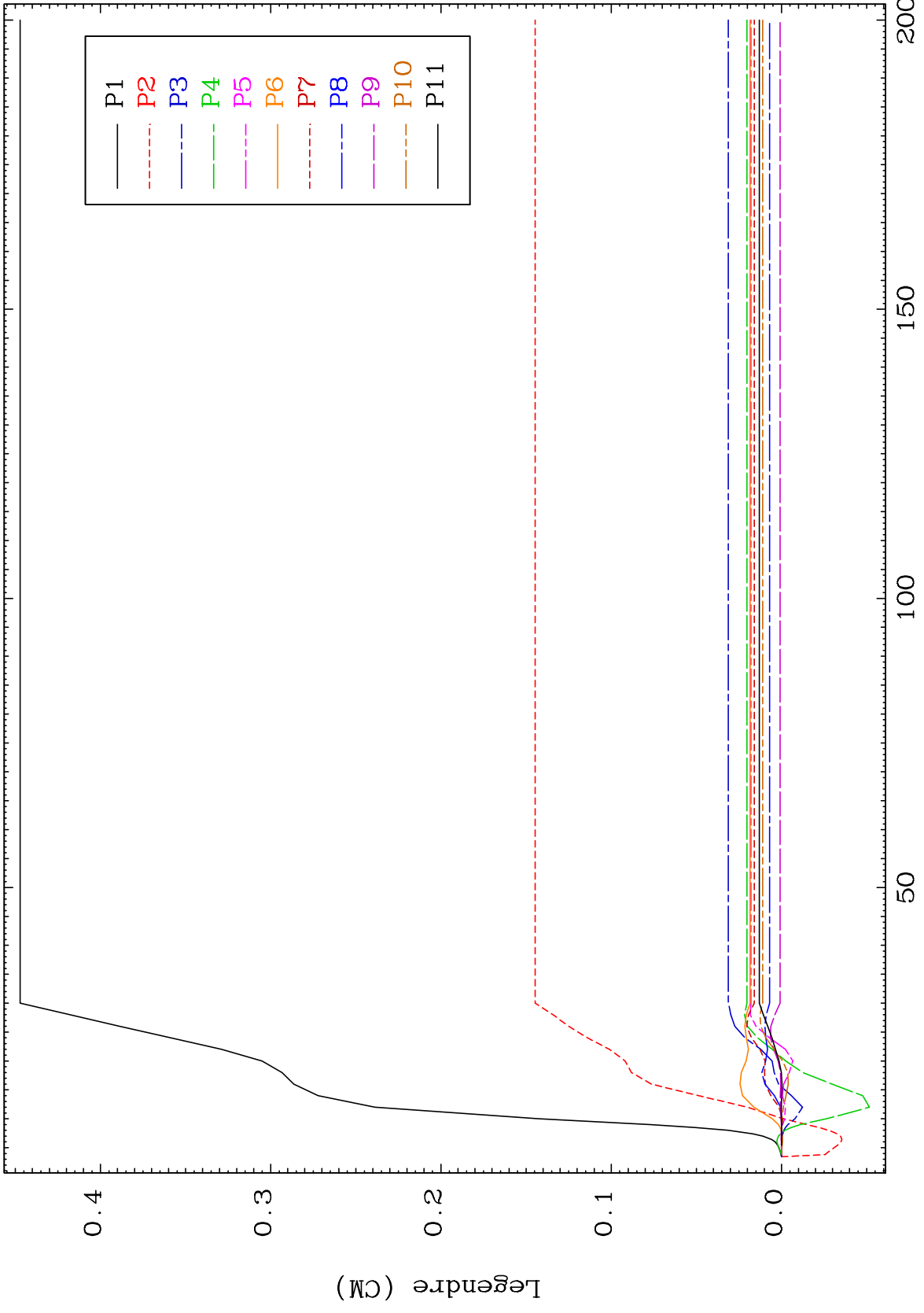
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Incident Energy (MeV)

<sup>28</sup>Ni-70



MAT 2861 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-70

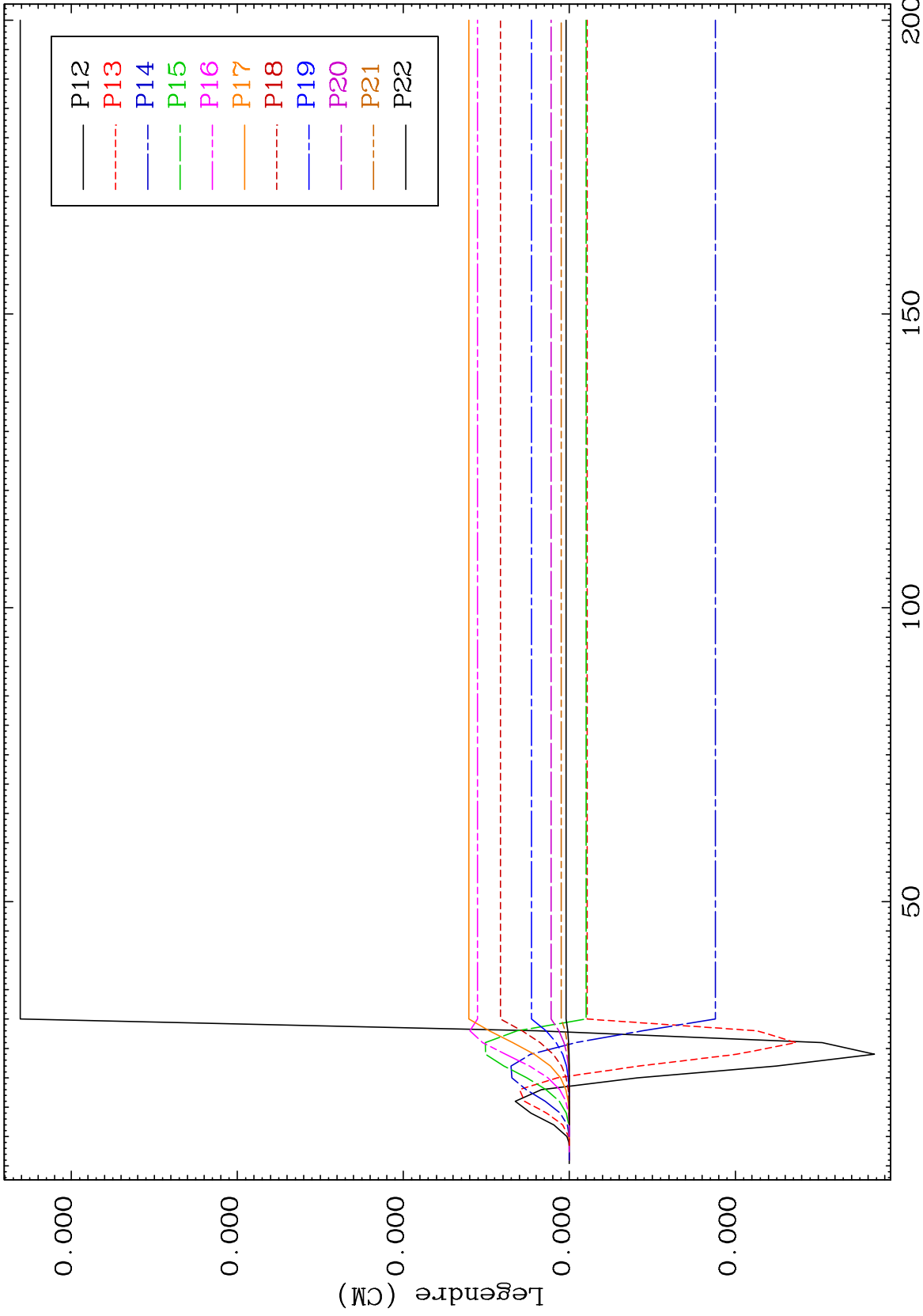


40 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70

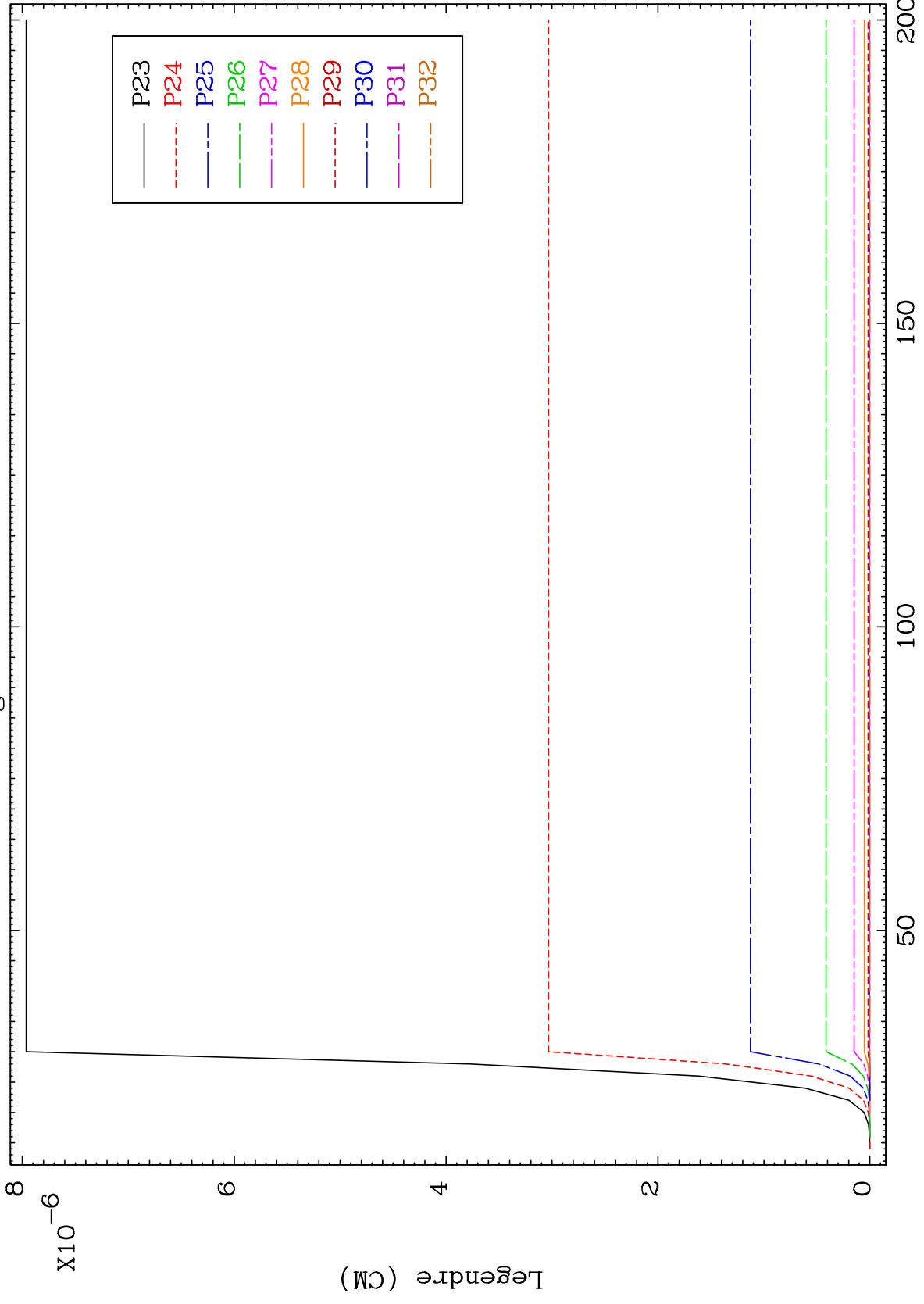


41

Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-70

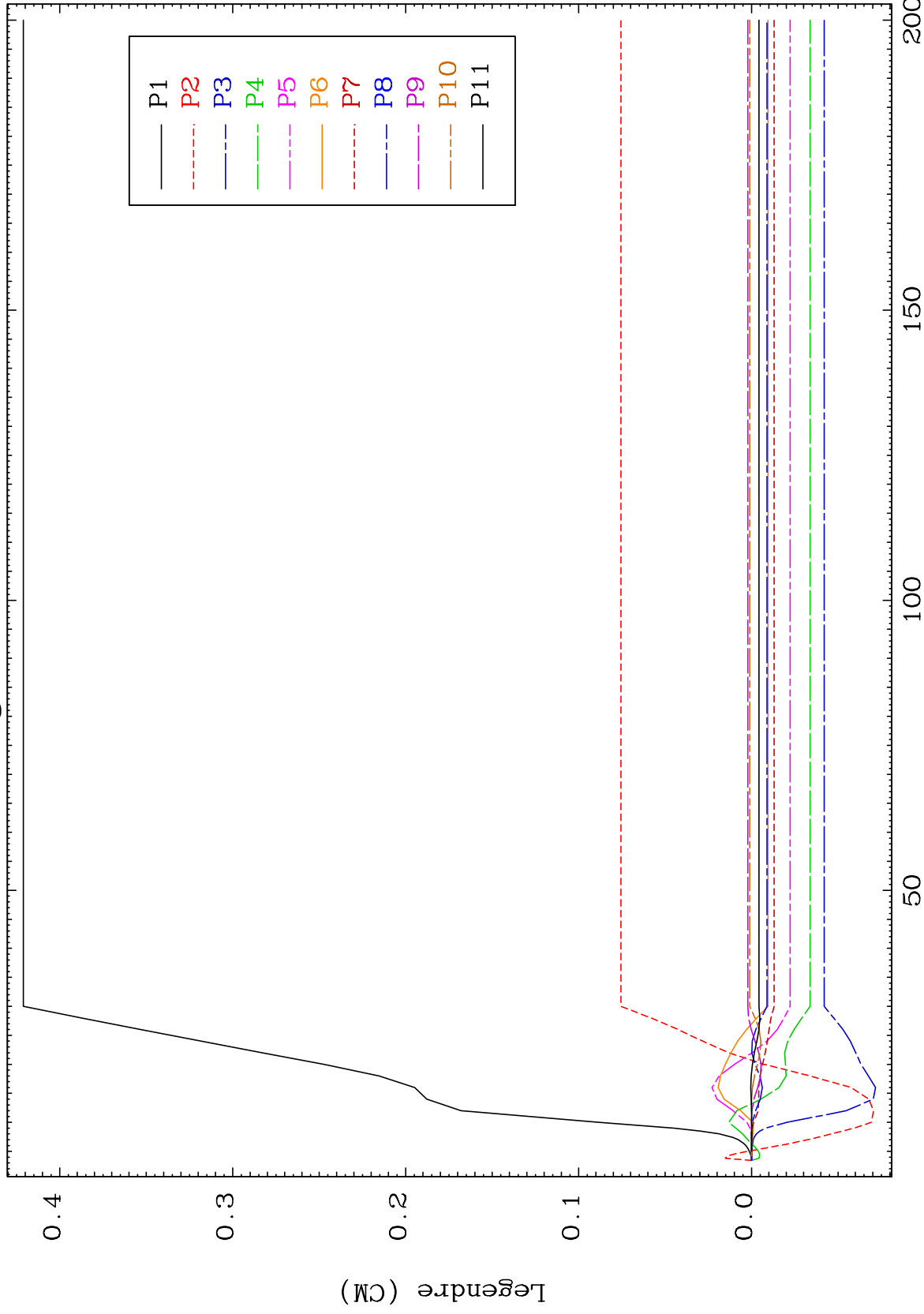


42 28-Ni-70

MAT 2861

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

28-Ni-70

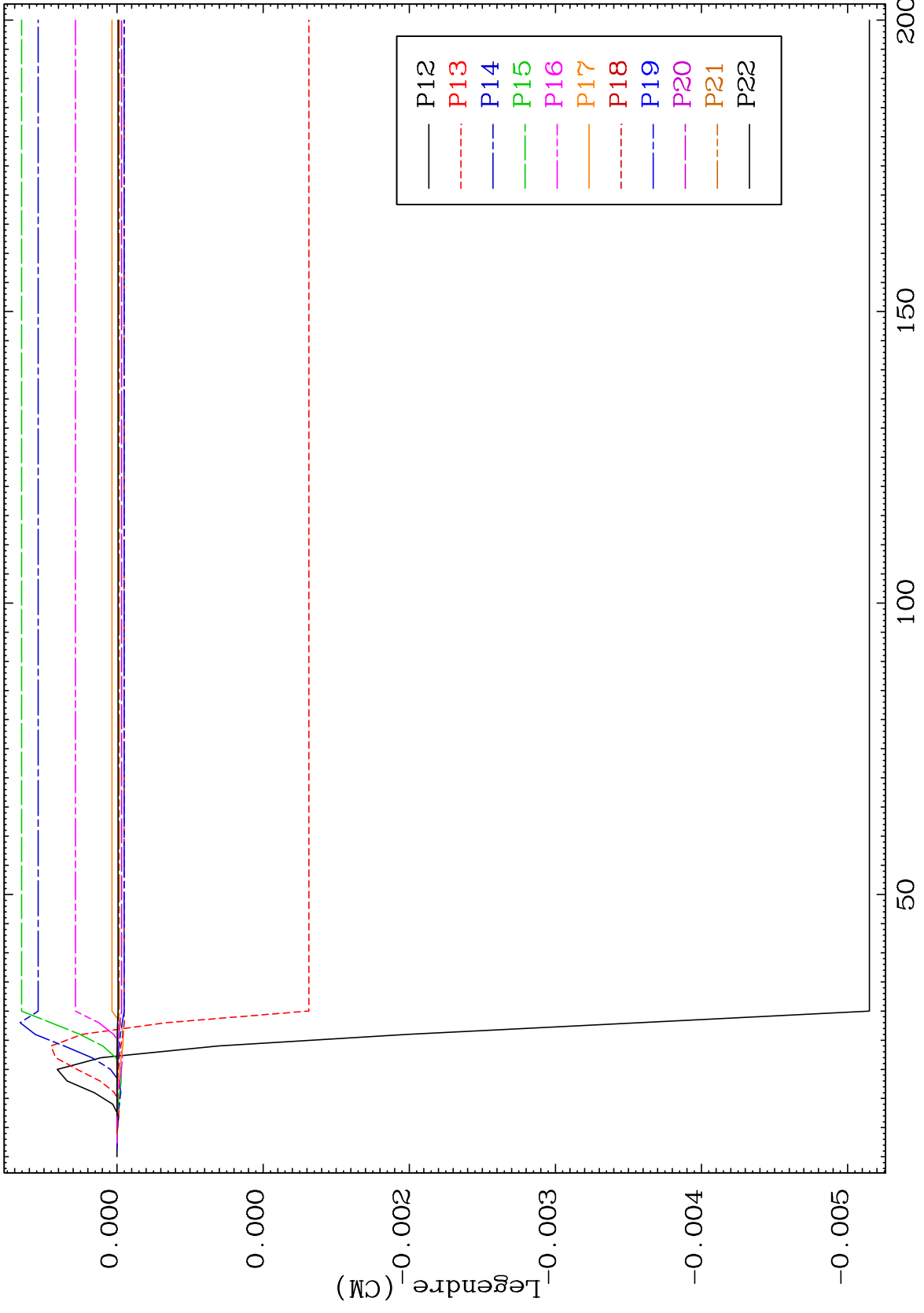


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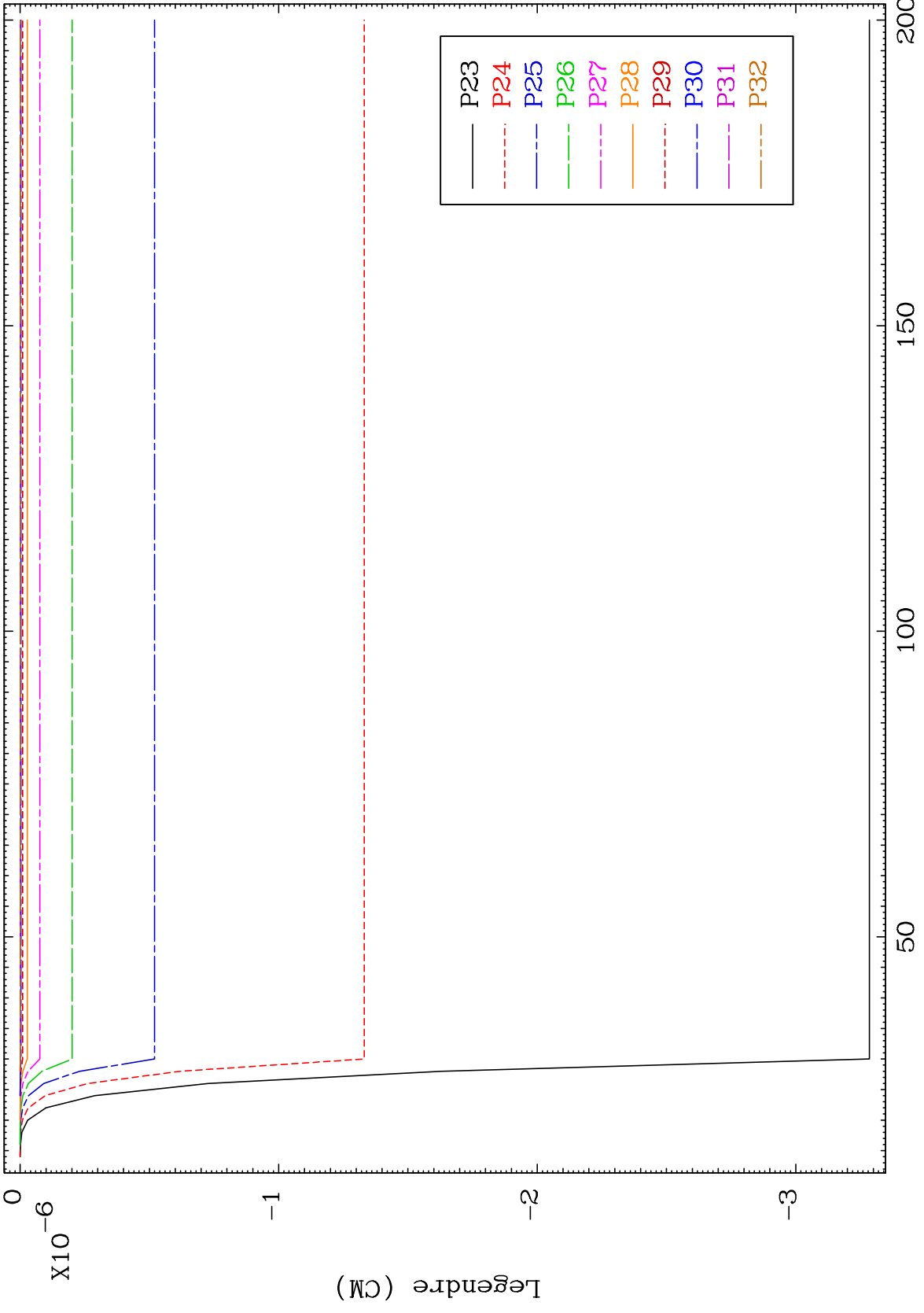
Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-70

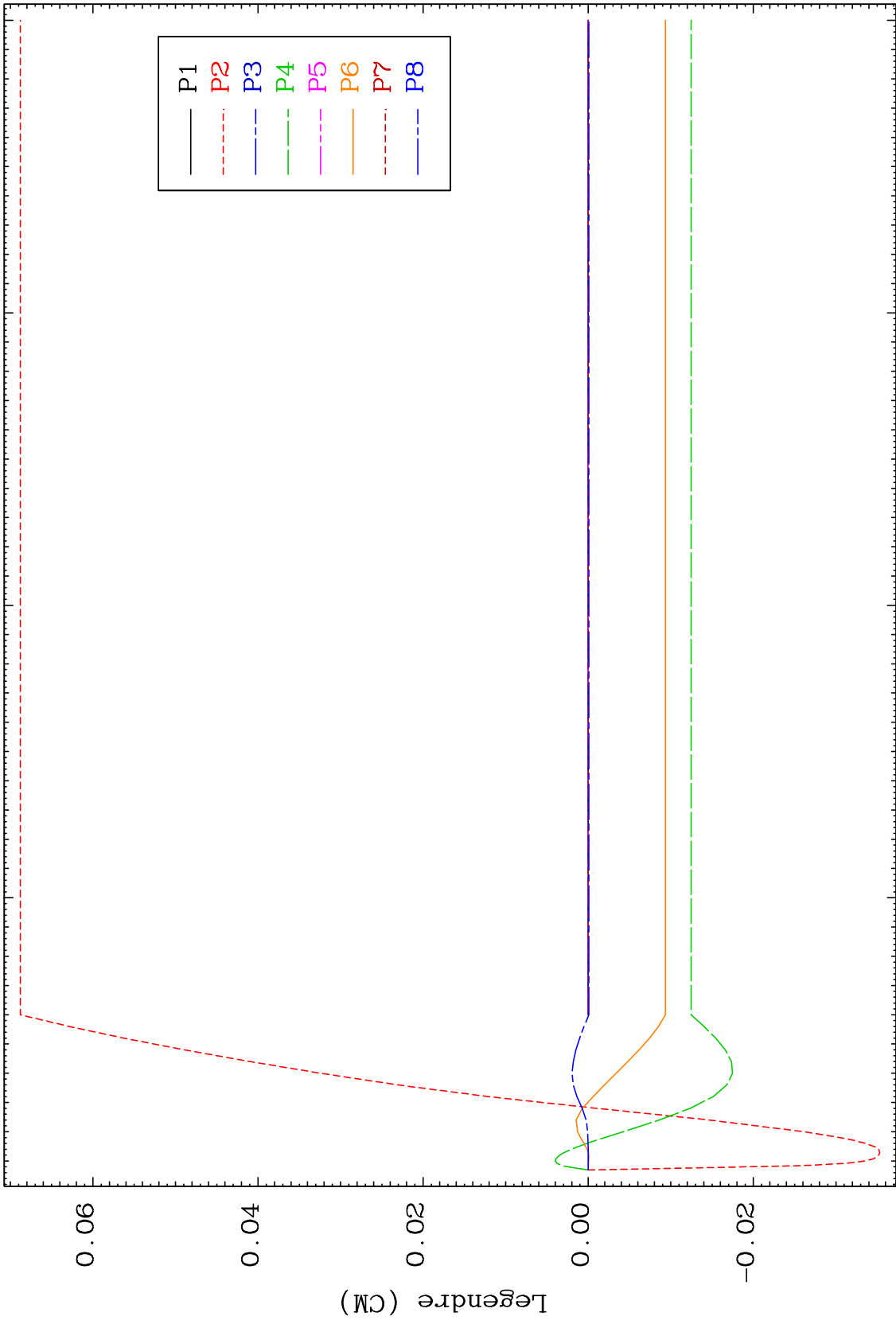


MAT 2861 MT= 59 (n,n') Level Legendre Coefficients 28-Ni-70



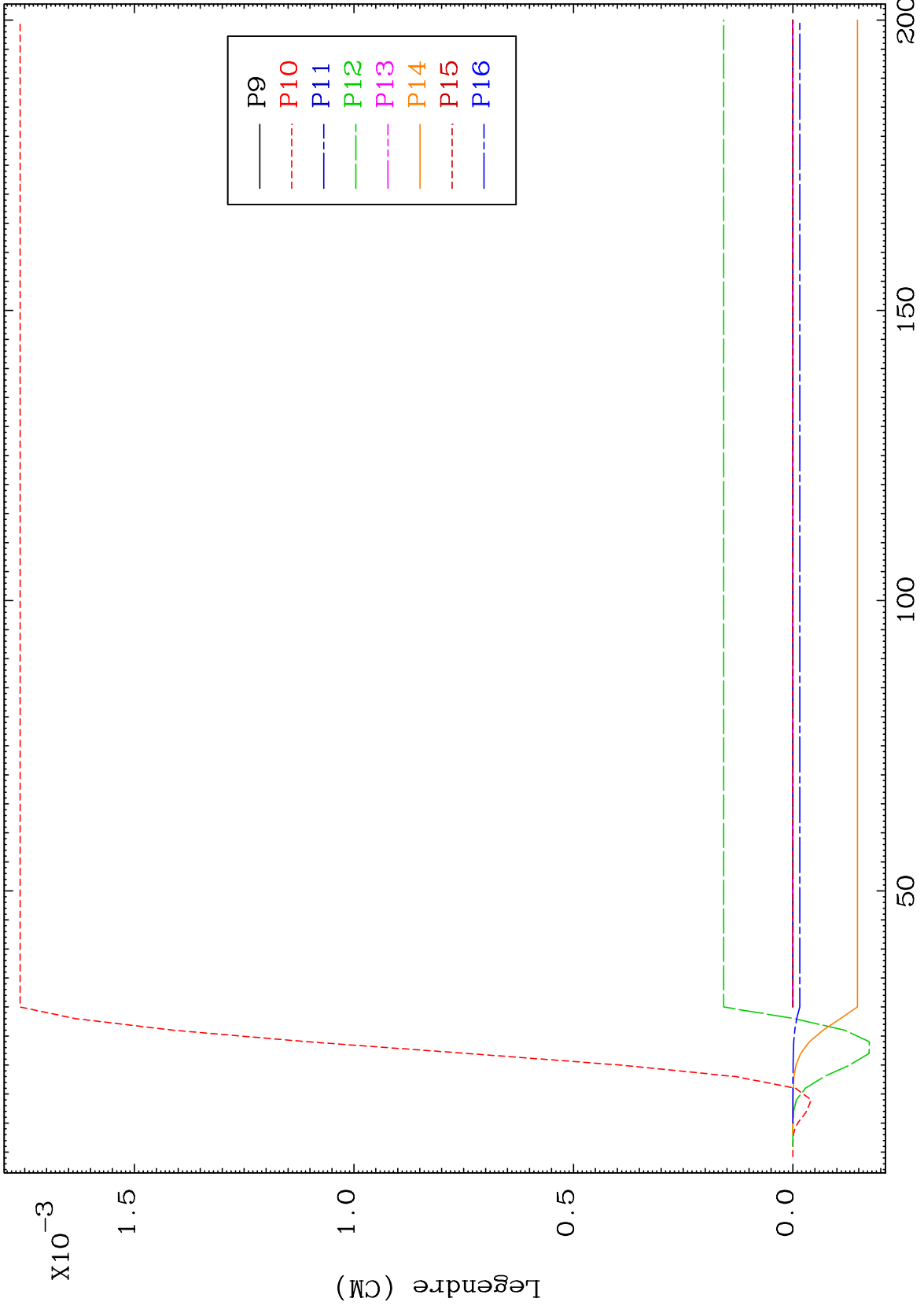
45 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-70



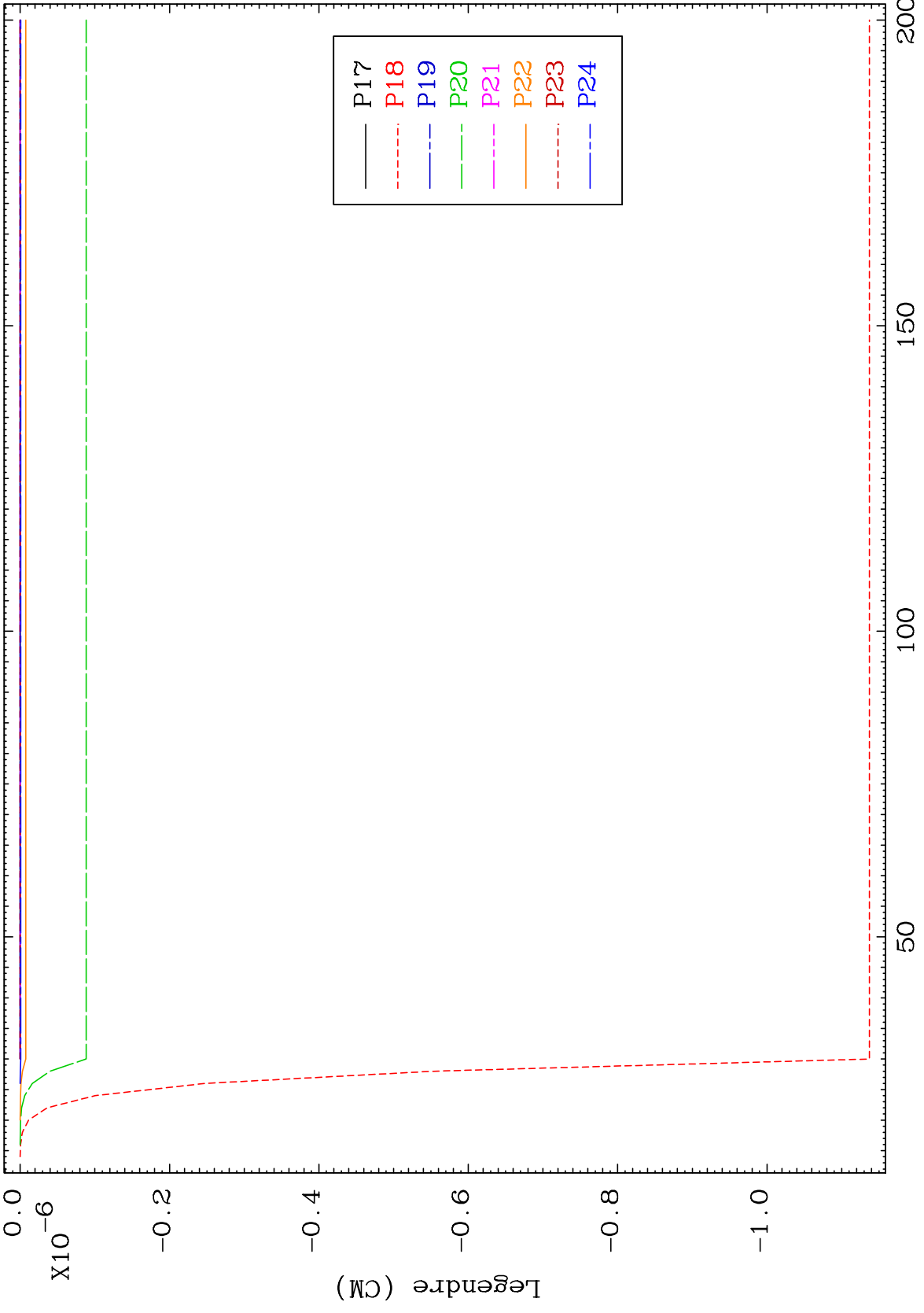
46 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-70

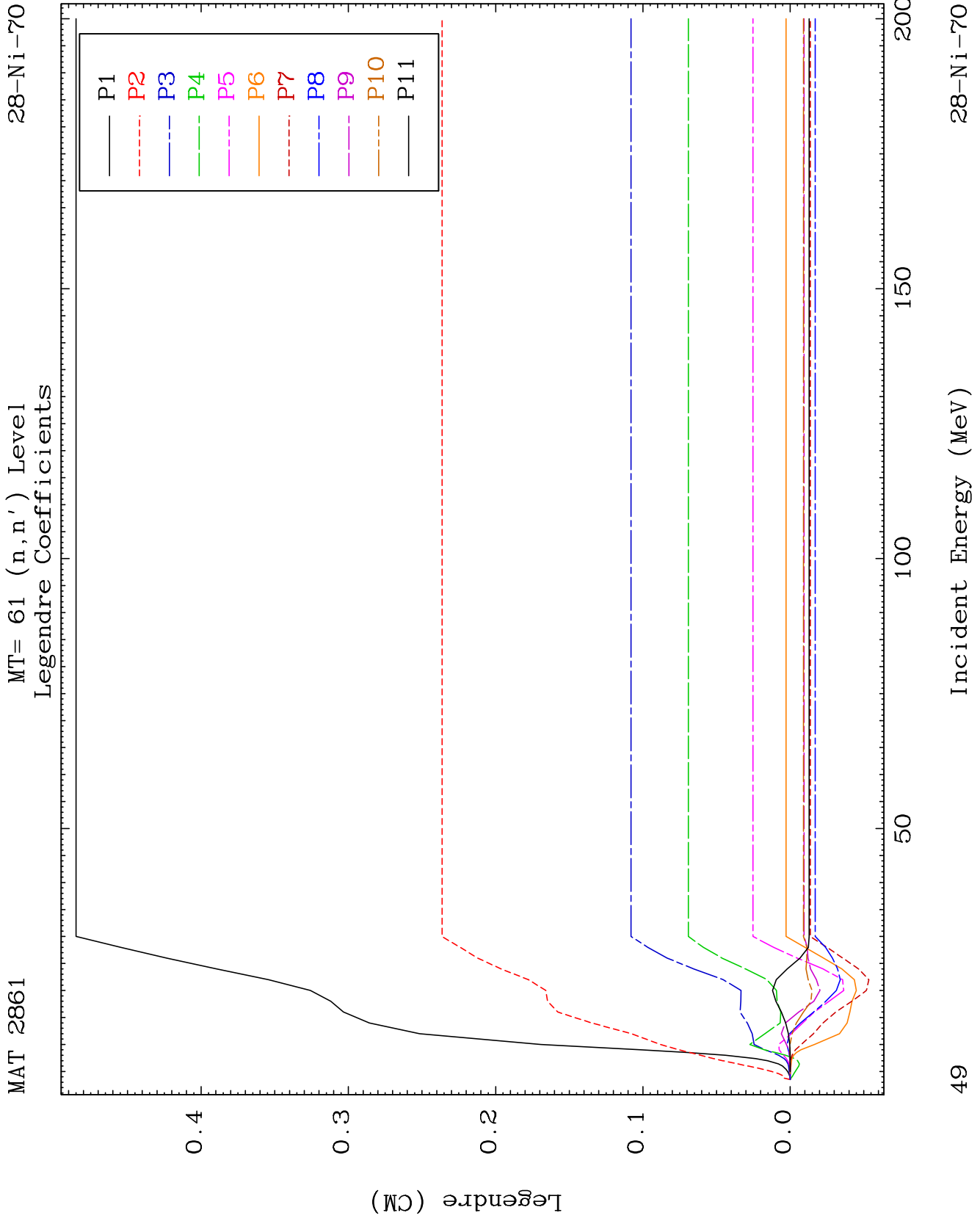




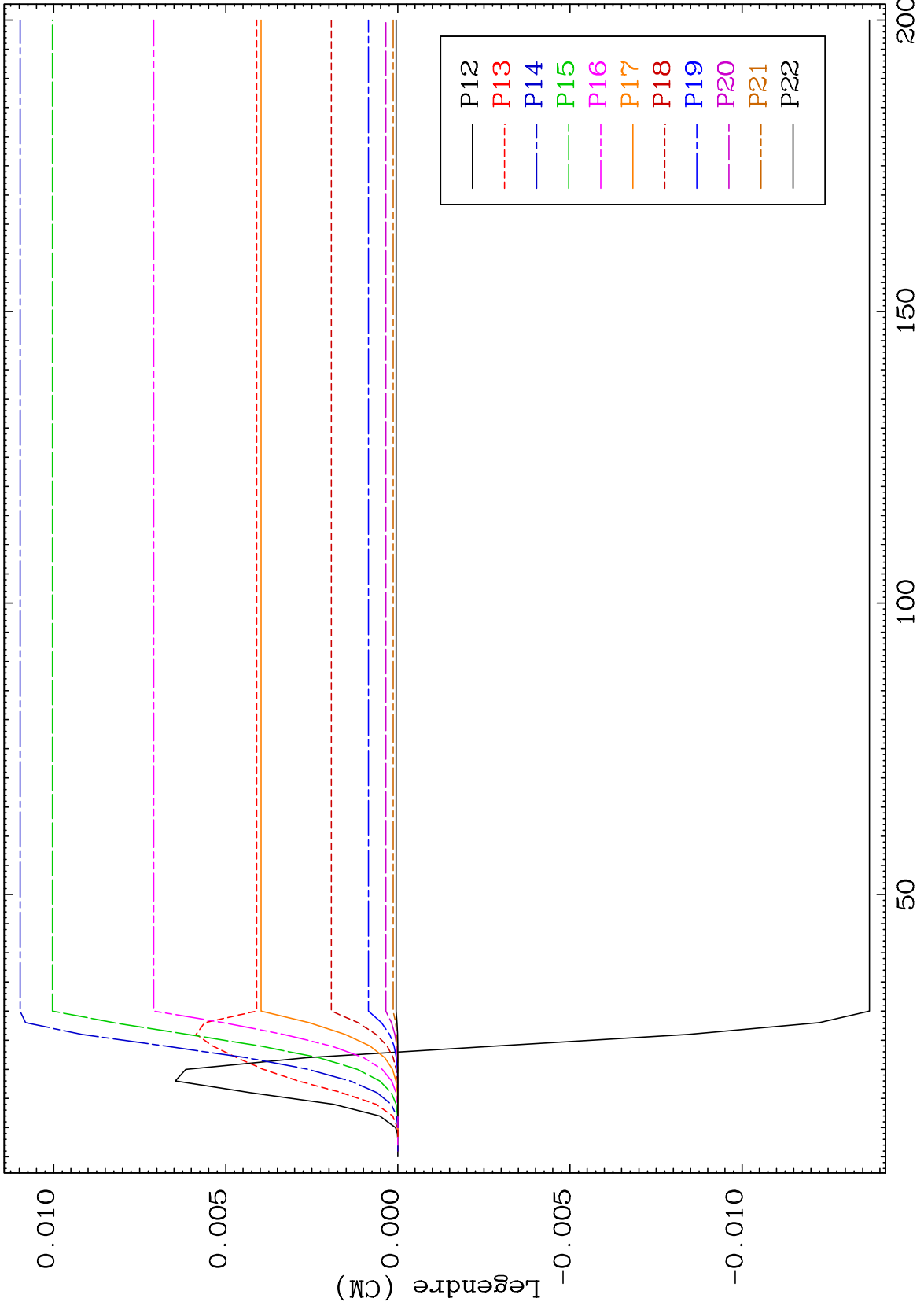
MAT 2861 MT= 60 (n,n') Level Legendre Coefficients 28-Ni-70



48 Incident Energy (MeV) 28-Ni-70



MAT 2861 MT= 61 (n,n') Level Legendre Coefficients 28-Ni-70

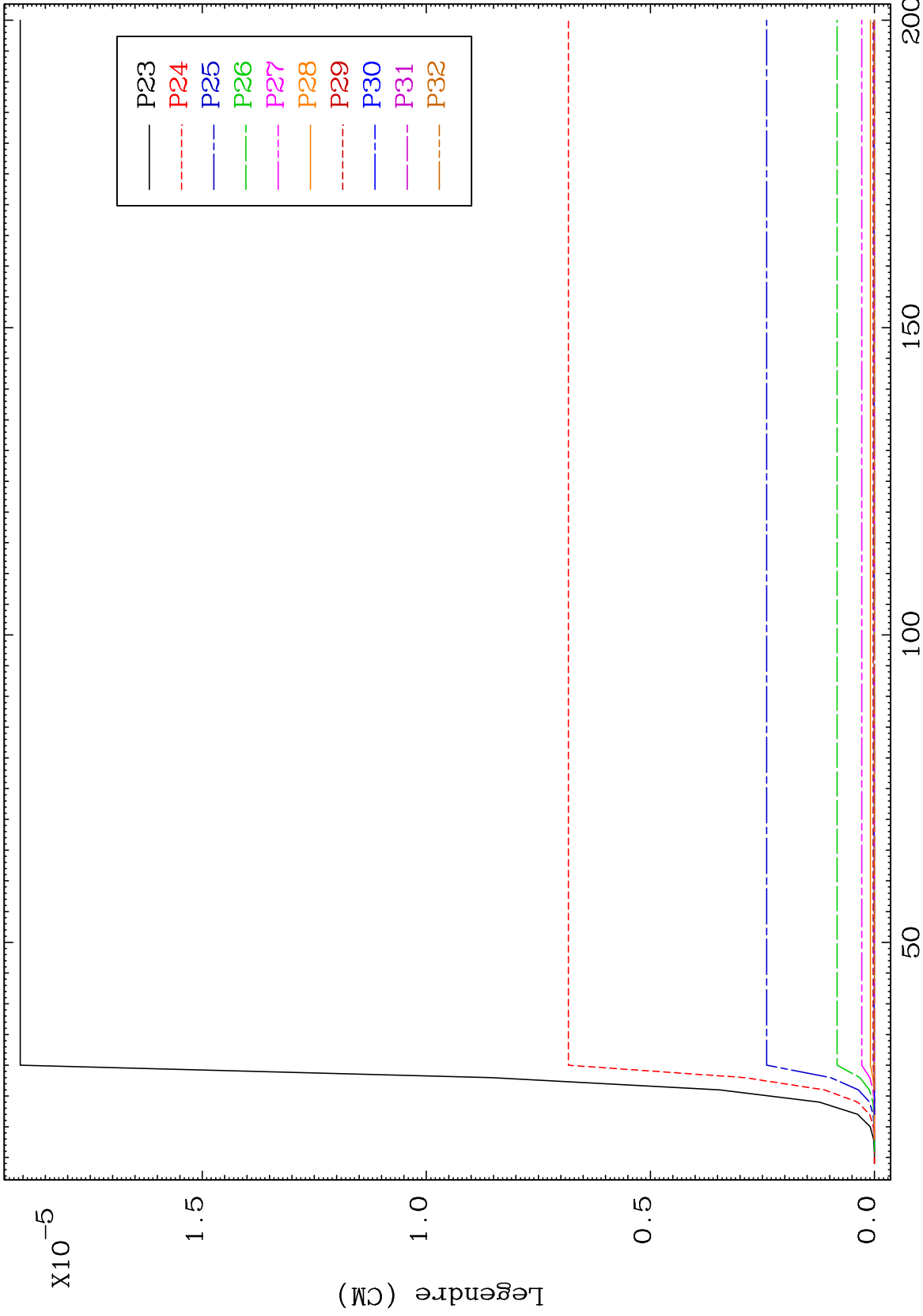


50 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70



51

Incident Energy (MeV)

28-Ni-70

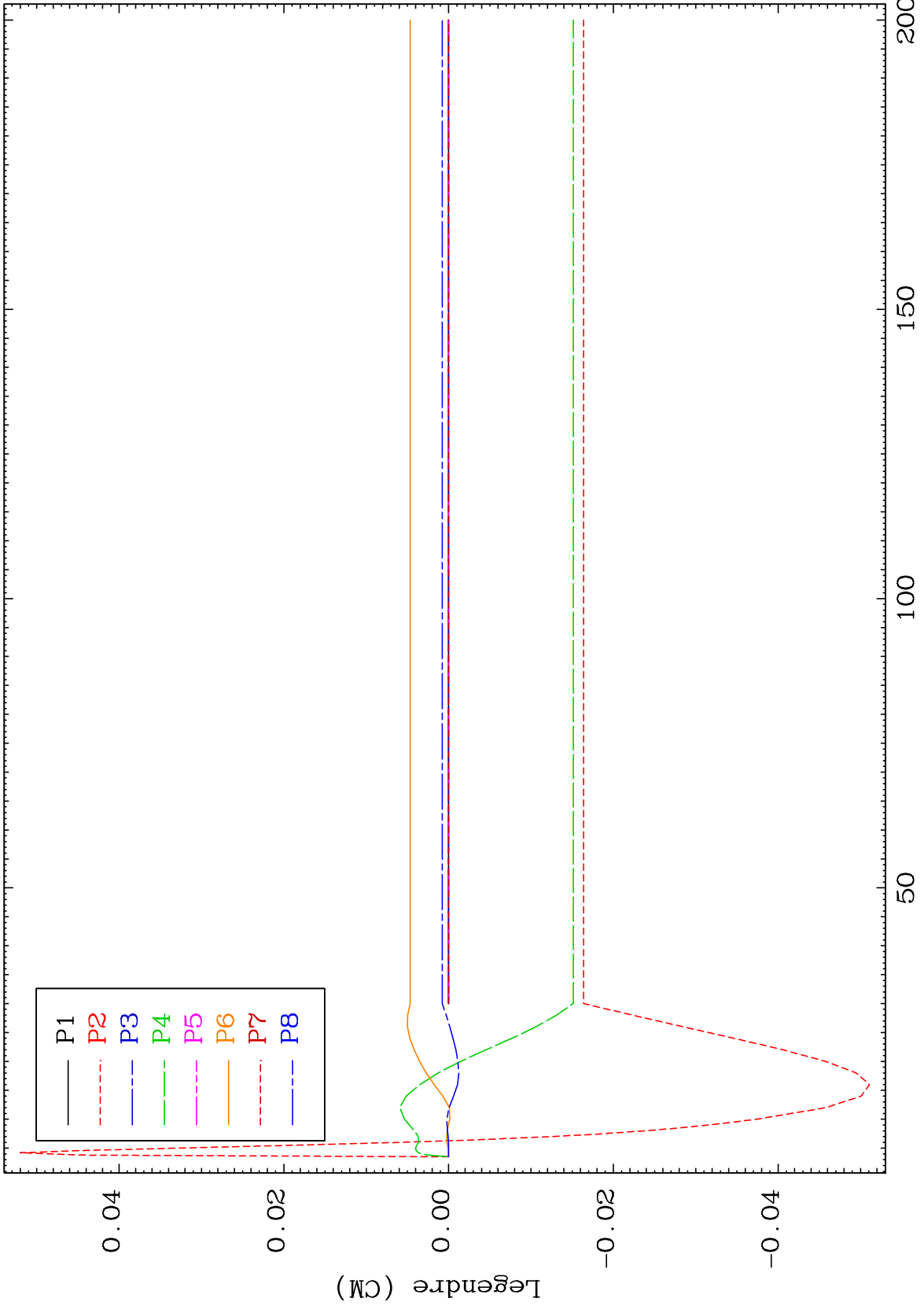
MAT 2861 MT= 62 (n,n') Level Legendre Coefficients

28-Ni-70

28-Ni-70

Incident Energy (MeV)

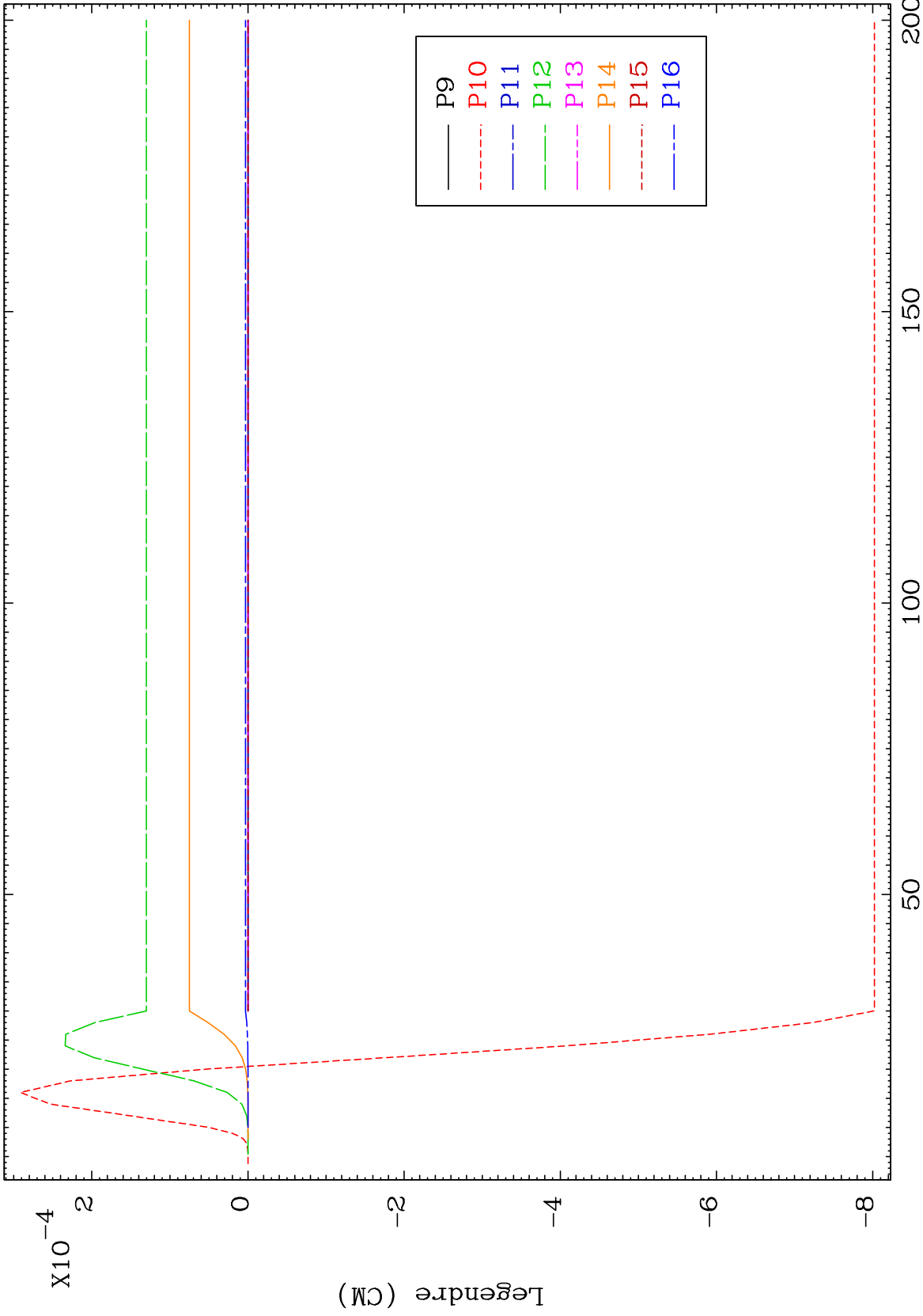
52



MAT 2861

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

28-Ni-70

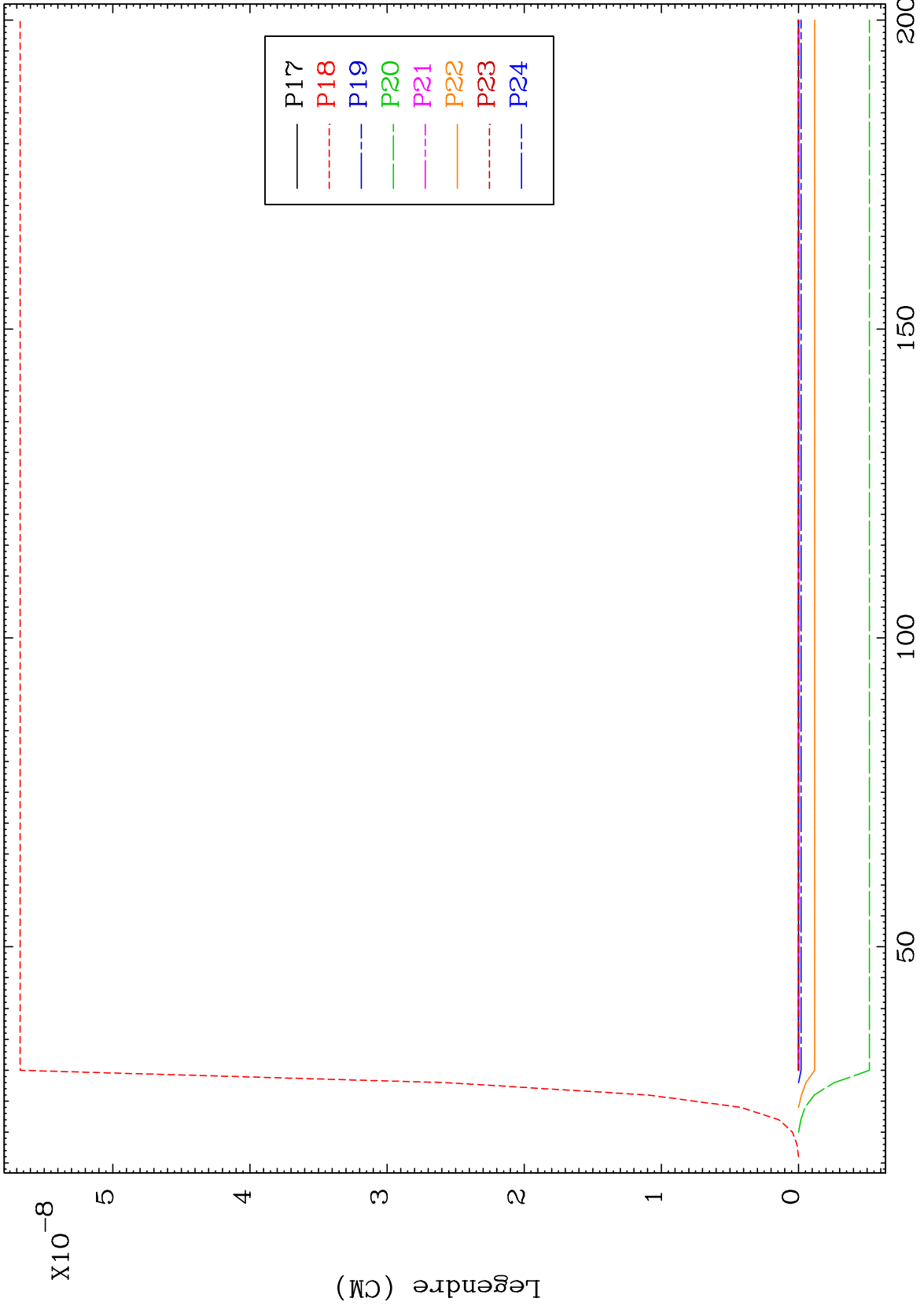


53

Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 62 (n,n') Level Legendre Coefficients 28-Ni-70

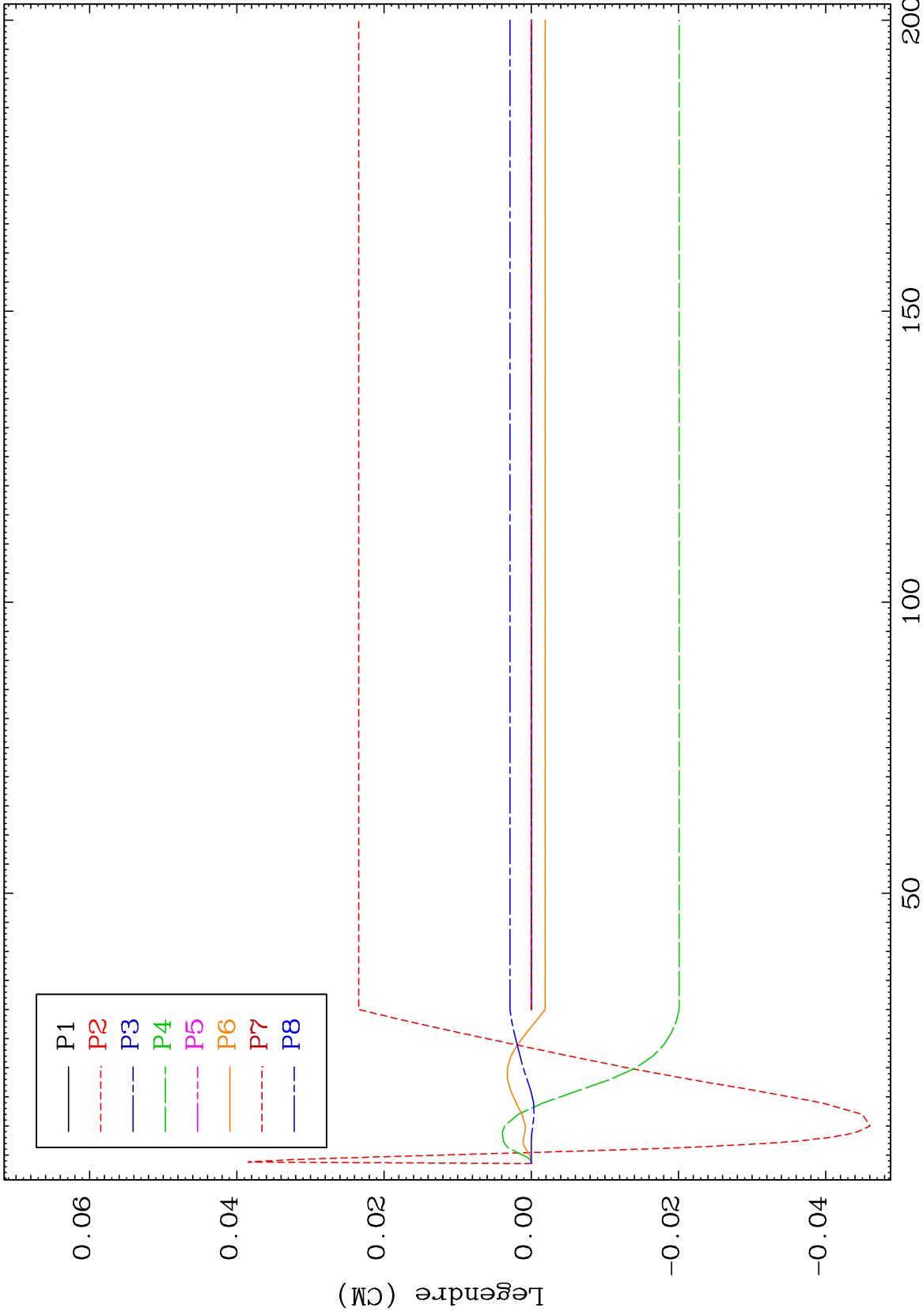


54 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70



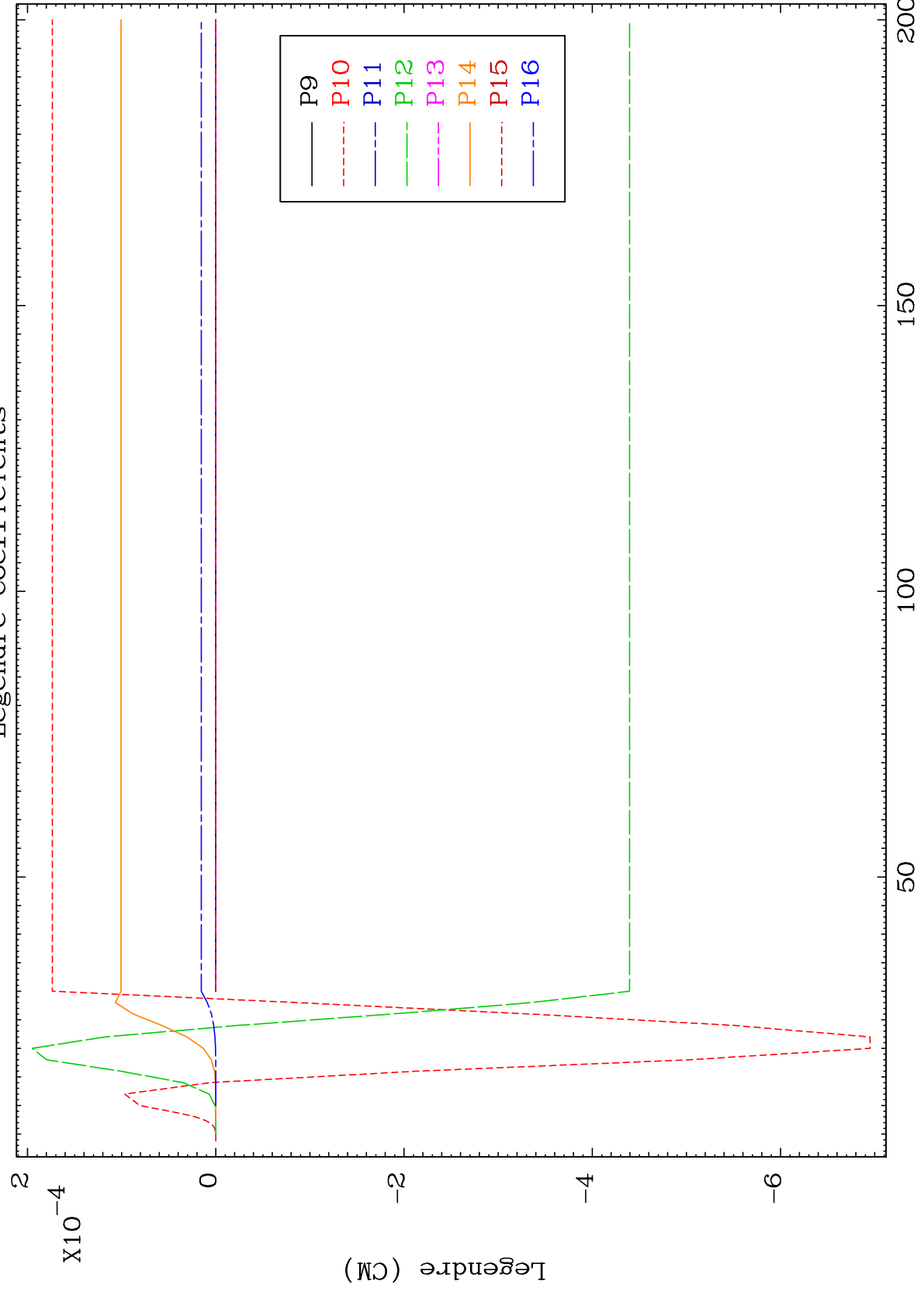
55

Incident Energy (MeV)

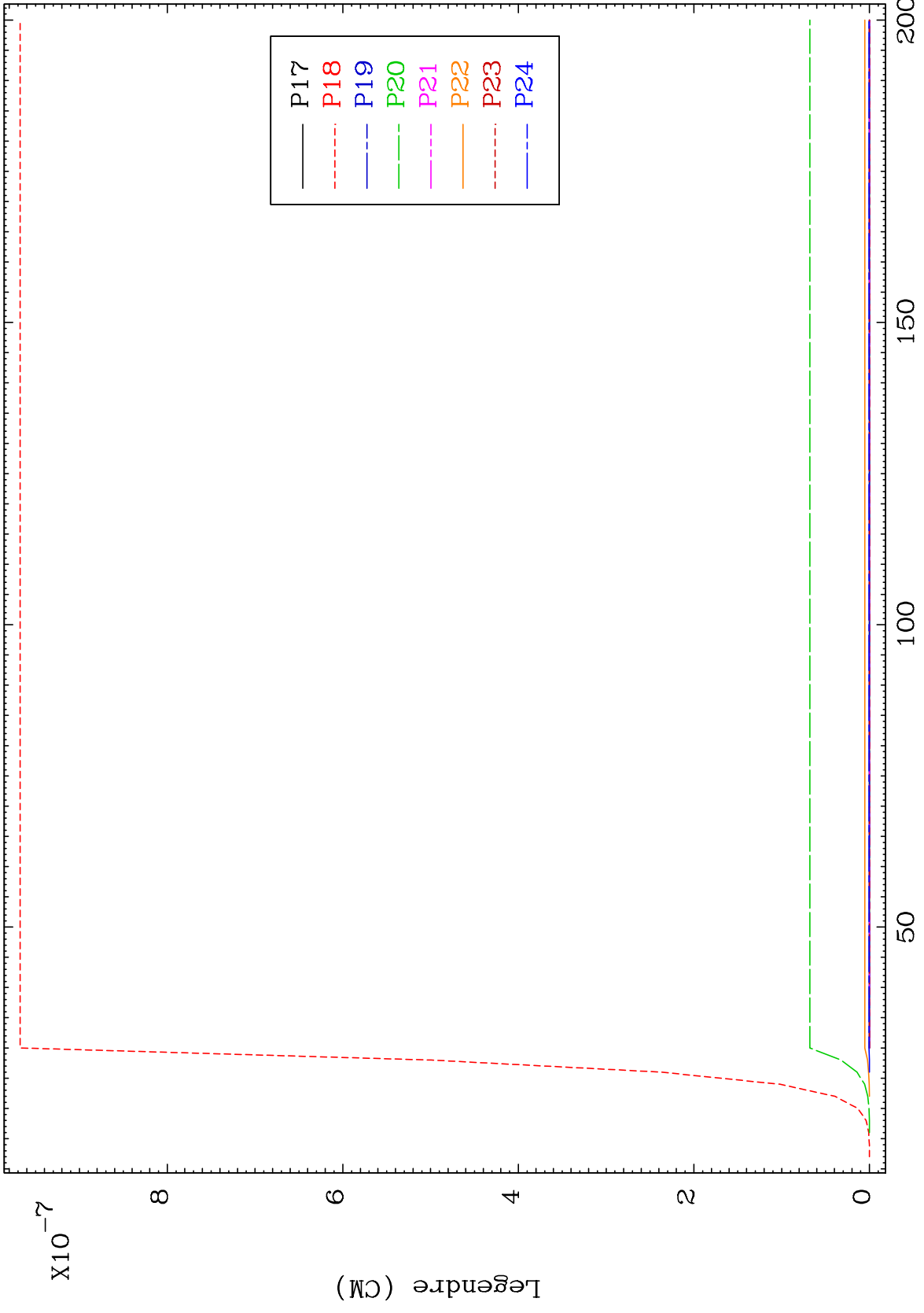
28-Ni-70



MAT 2861 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-70

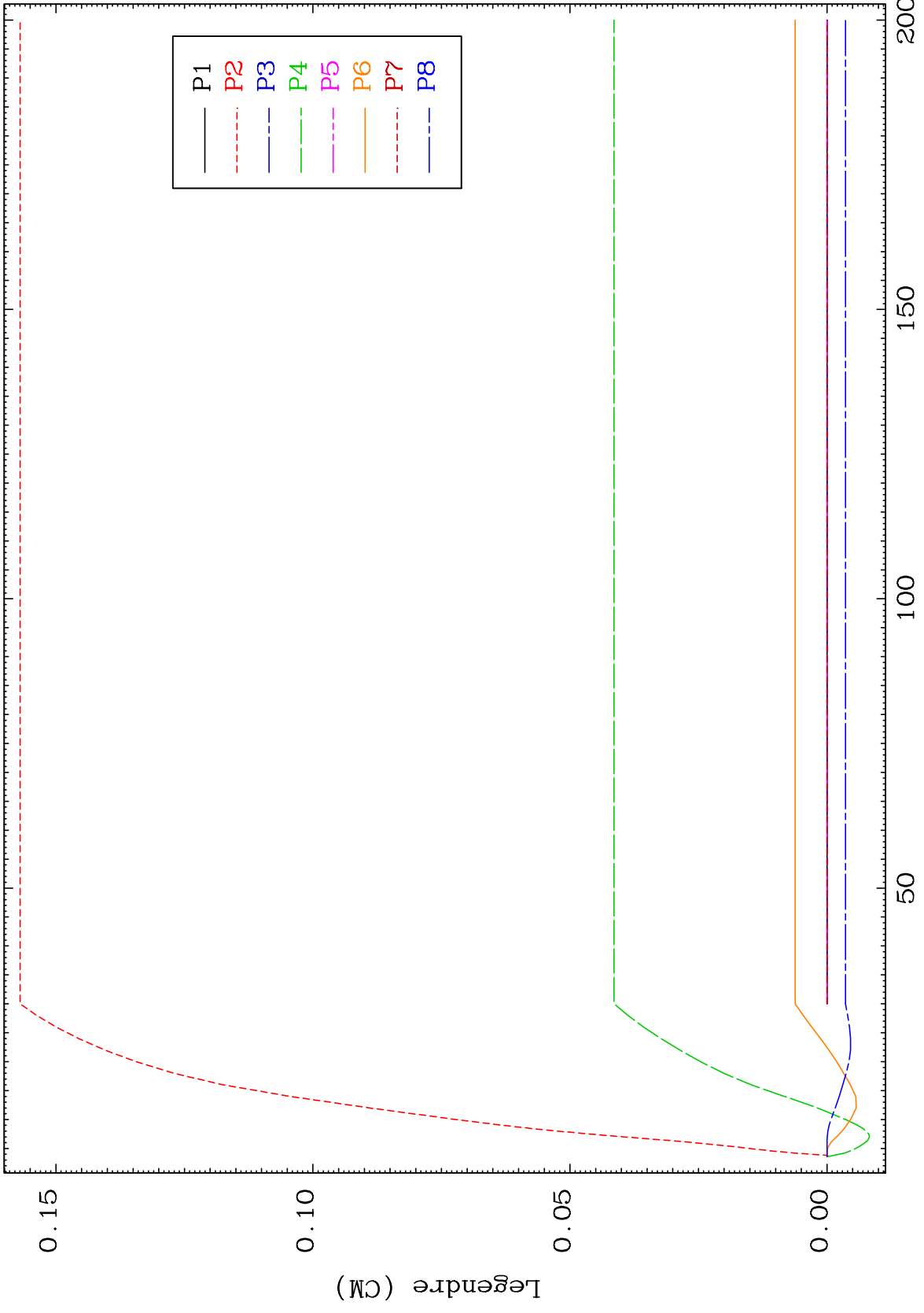


MAT 2861 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-70



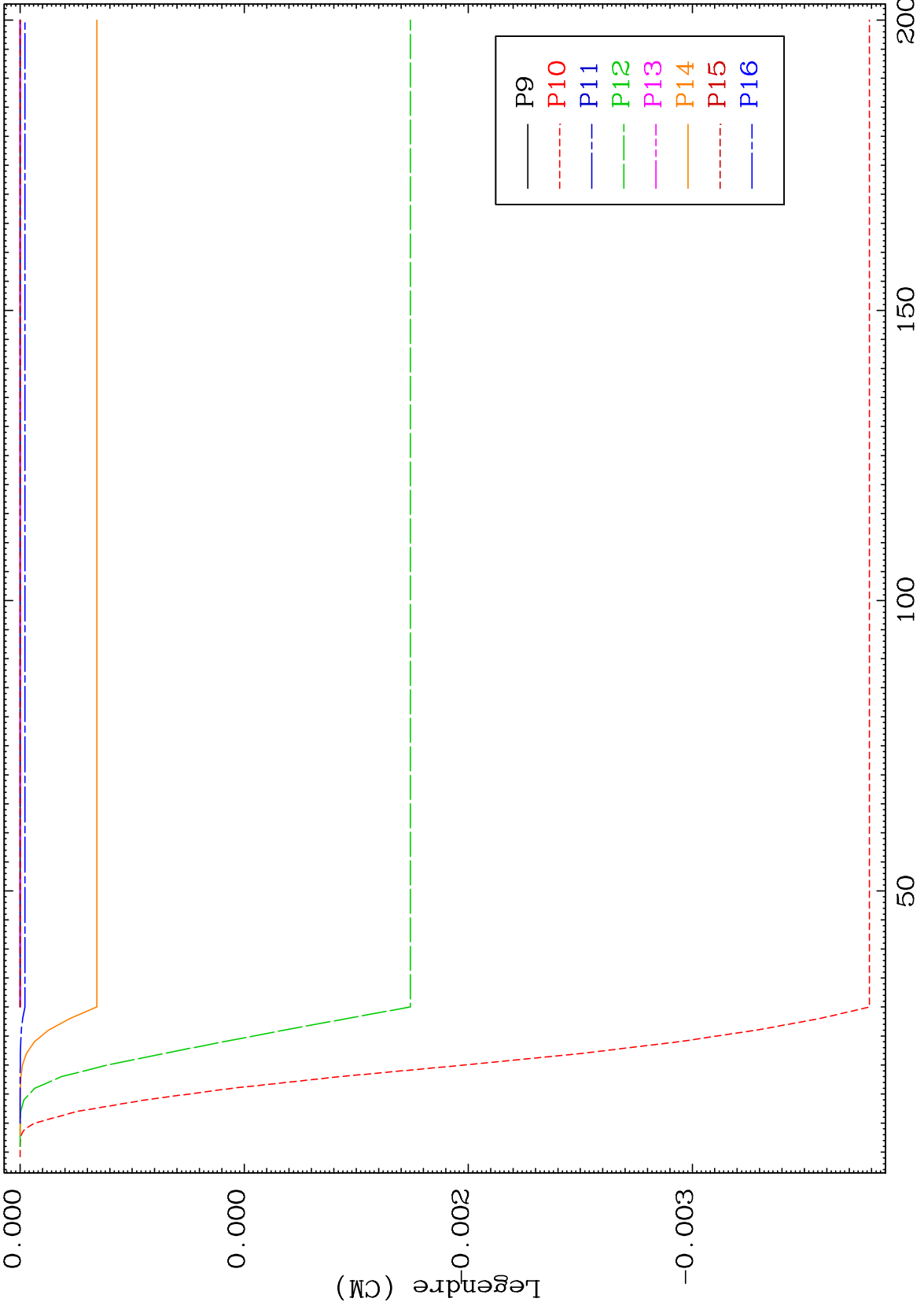
57 100 150 200 28-Ni-70

MAT 2861 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-70

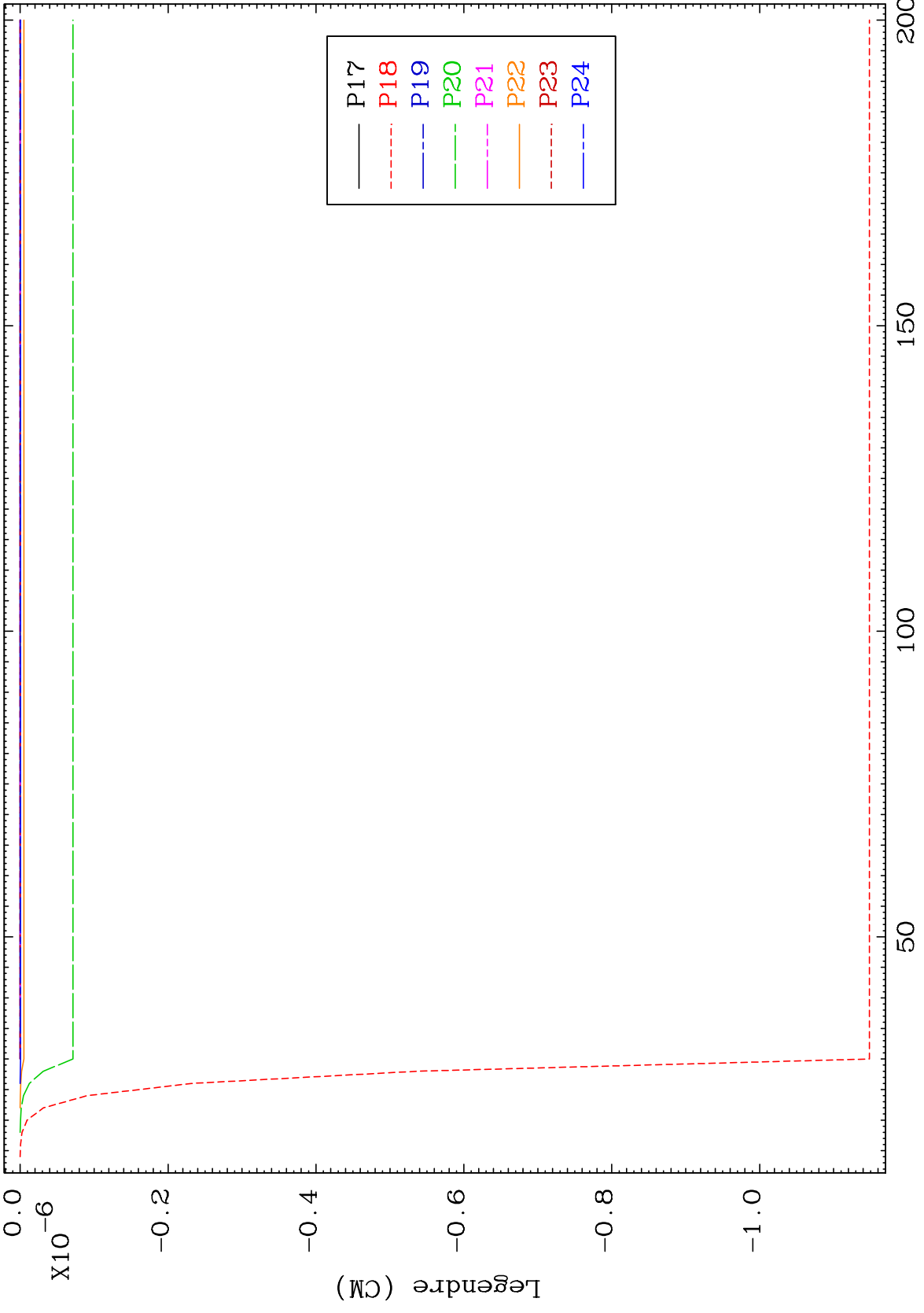


58 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-70

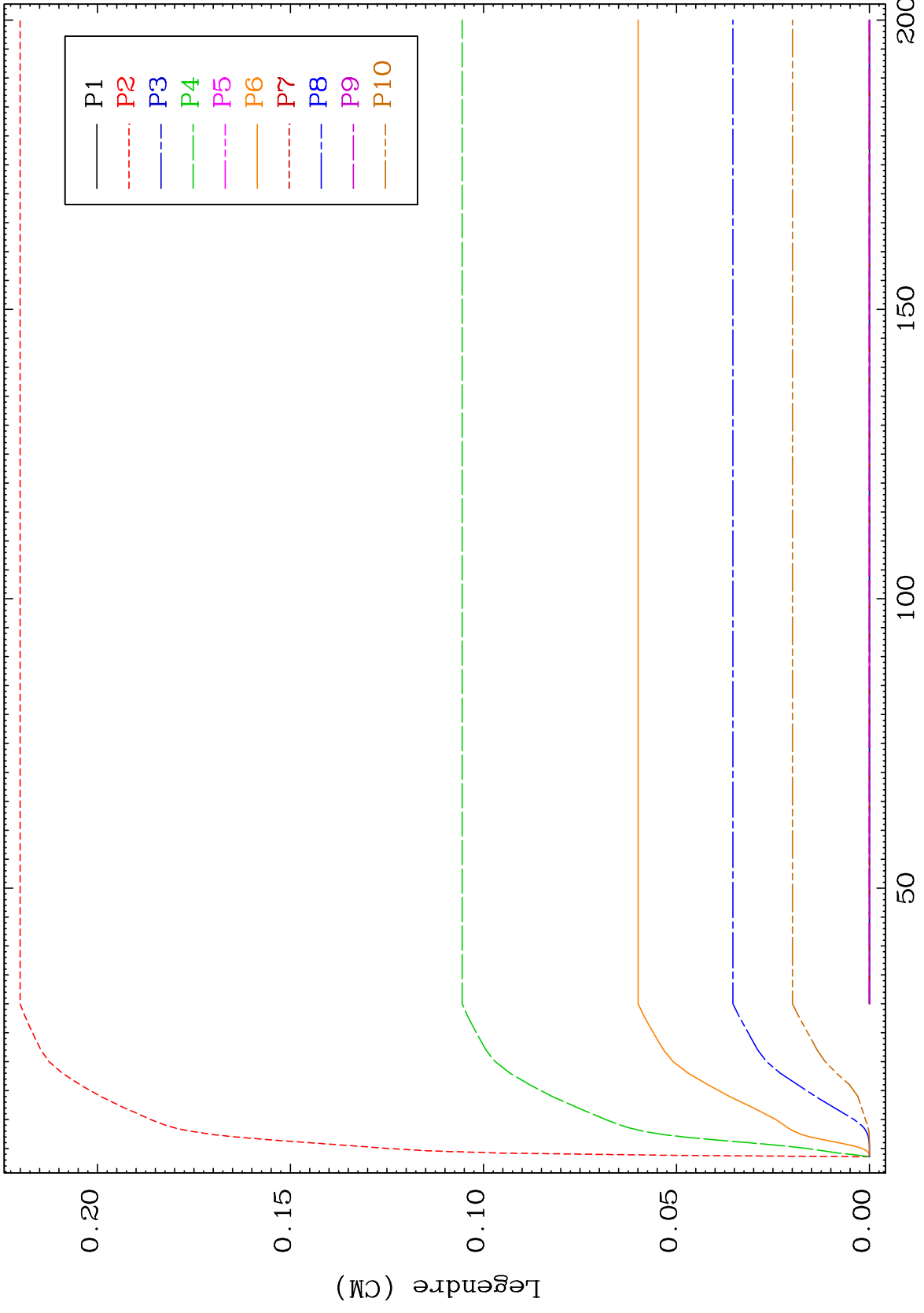


MAT 2861 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-70



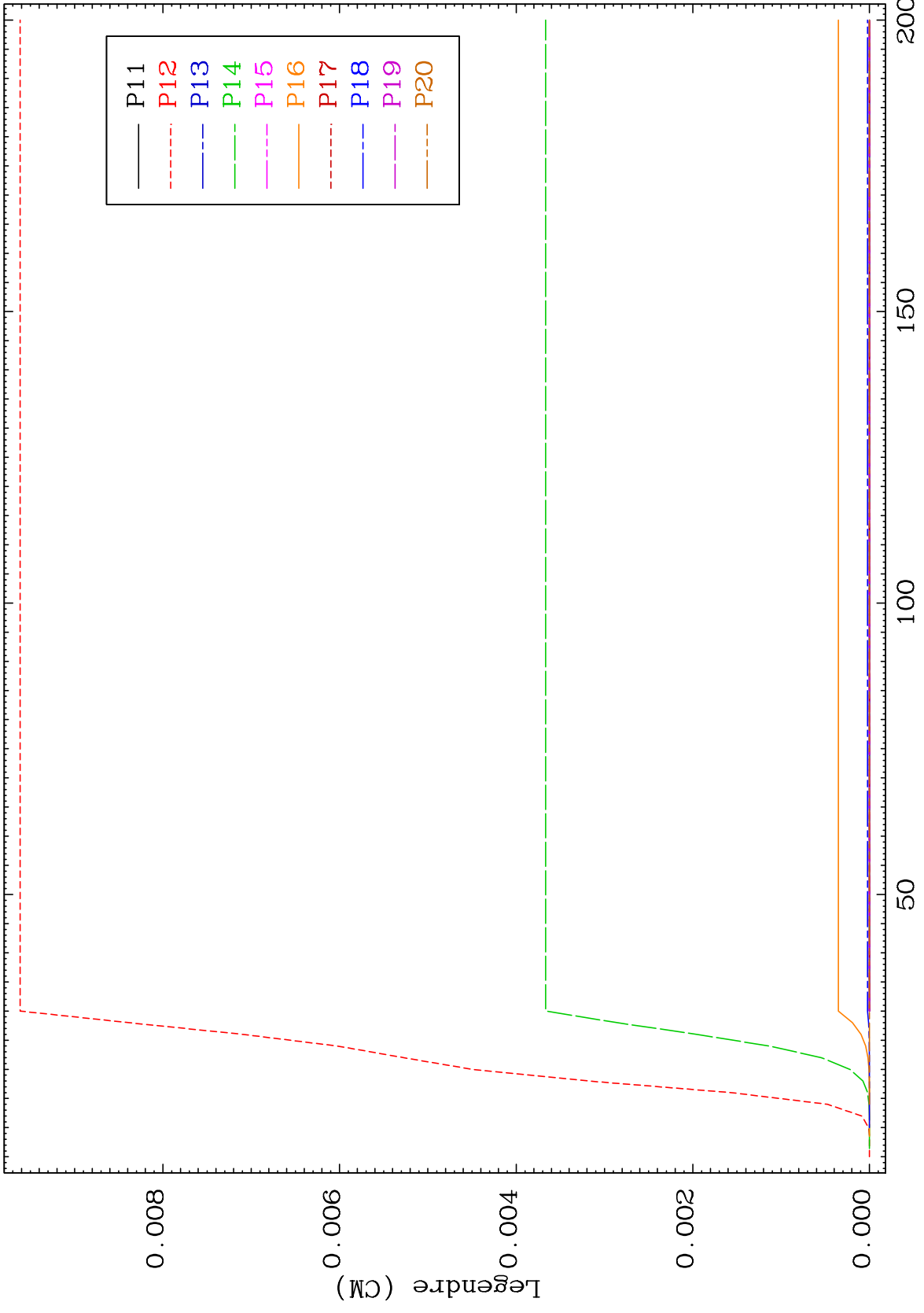
60 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-70



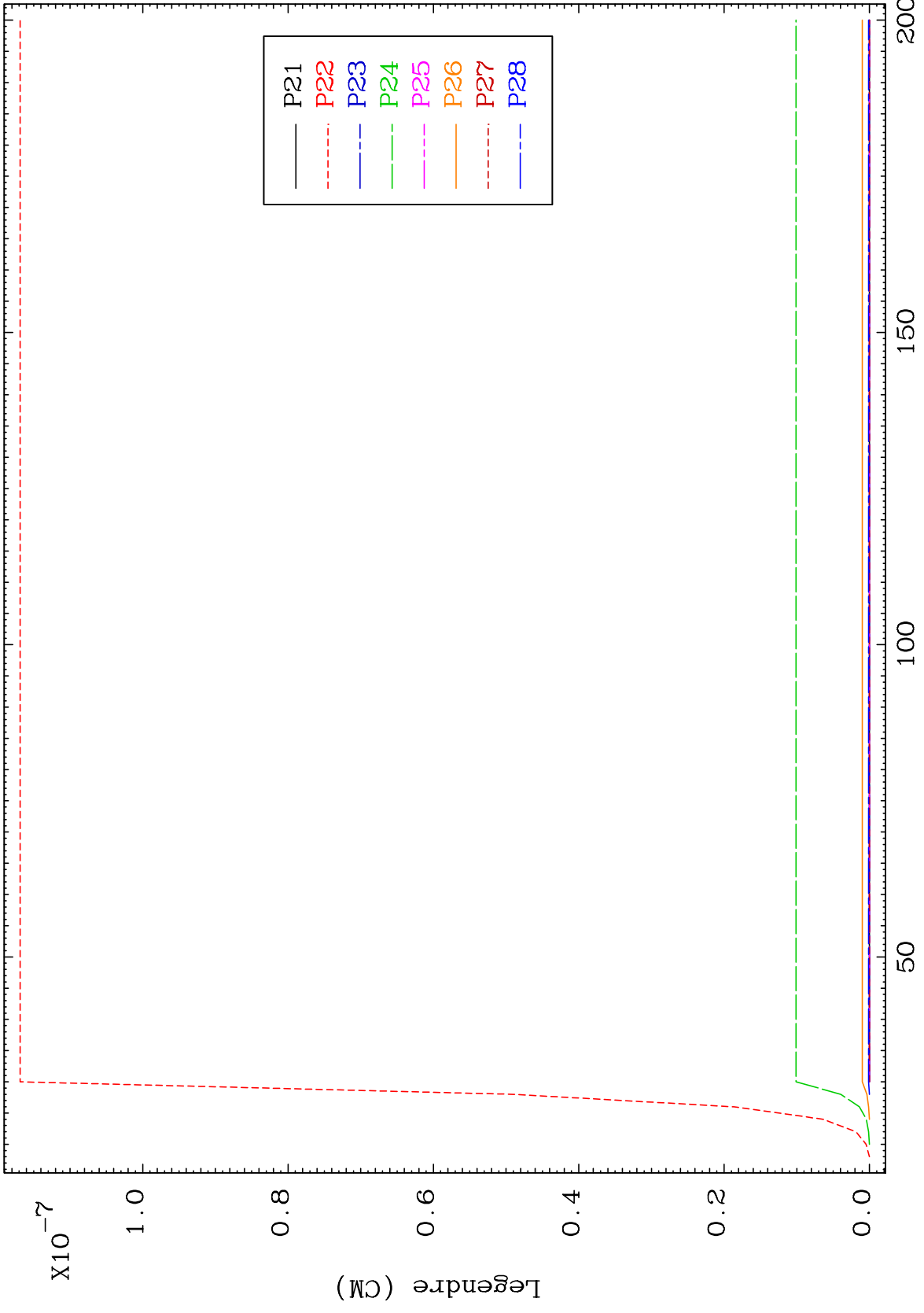
61 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-70



62 50 100 150 200 28-Ni-70

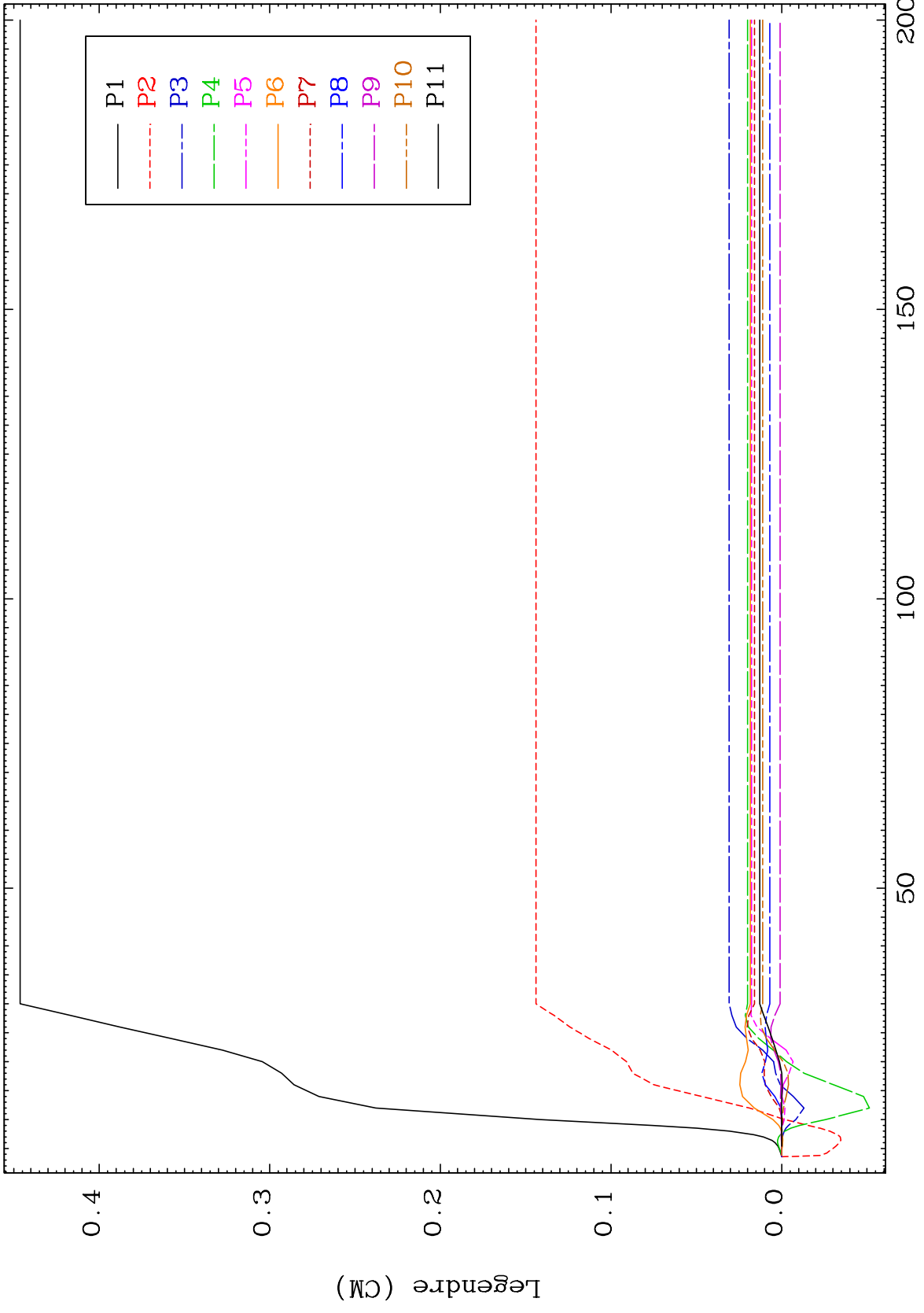
MAT 2861 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-70



63 28-Ni-70

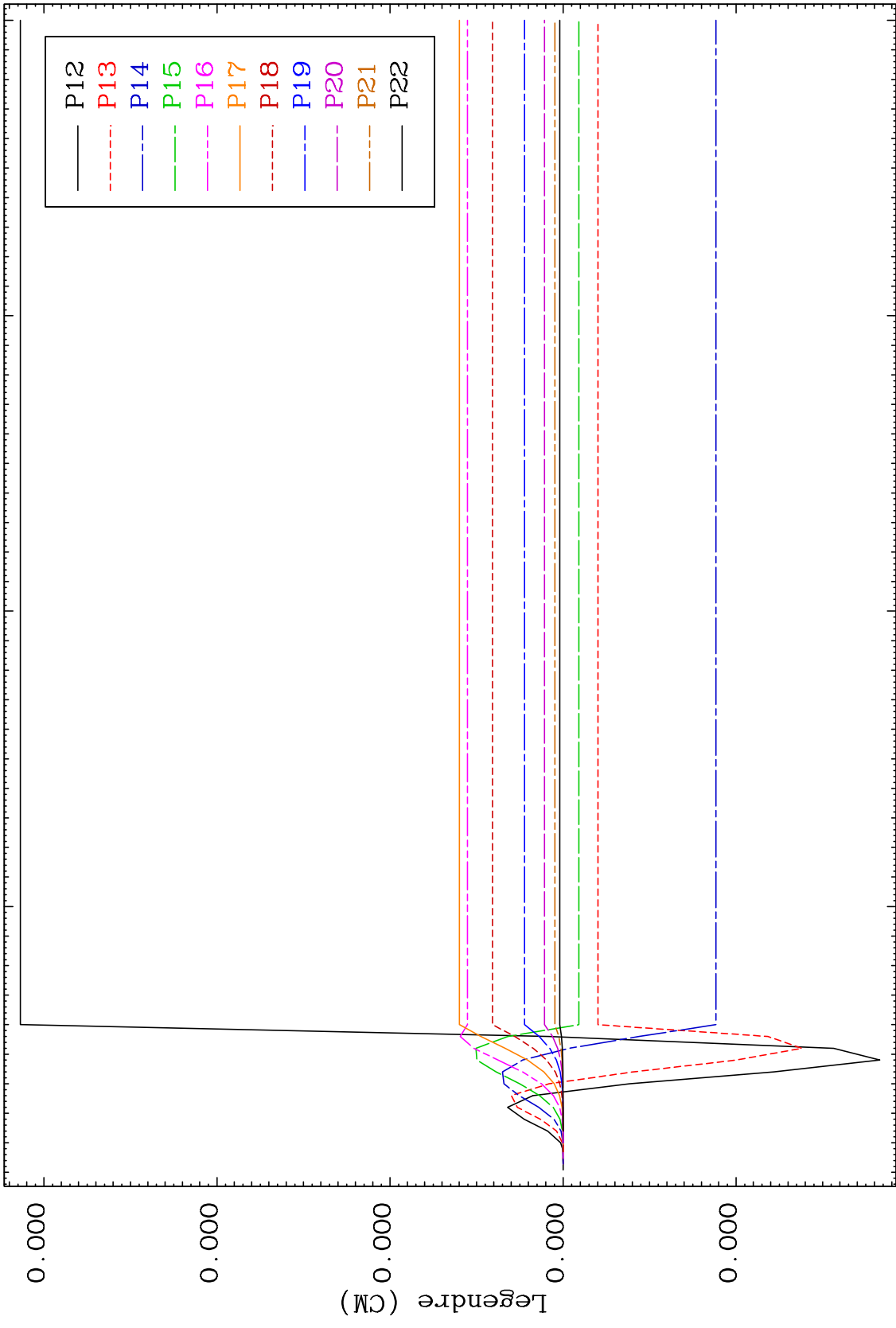


MAT 2861 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-70



64 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-70

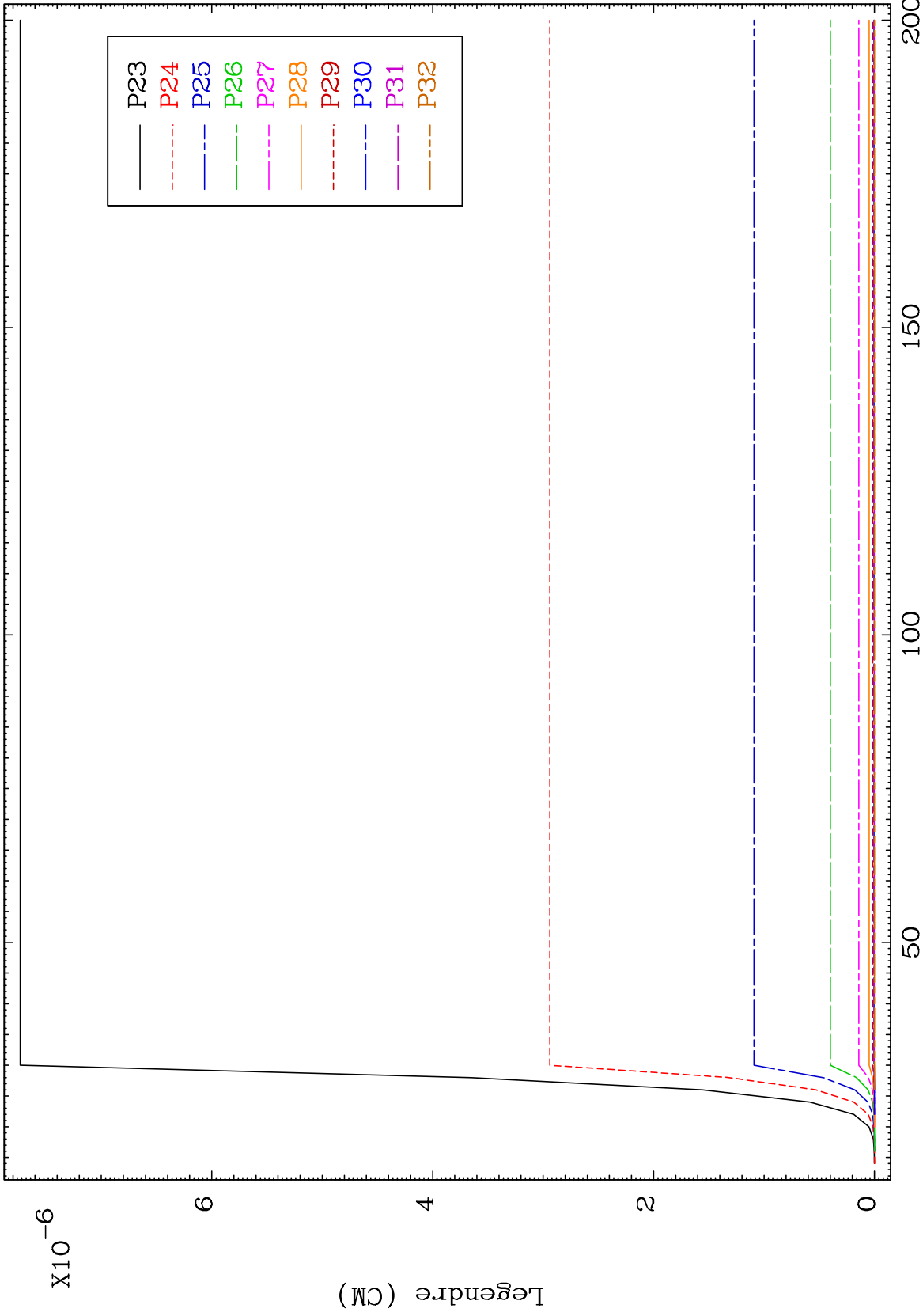


65 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70



66

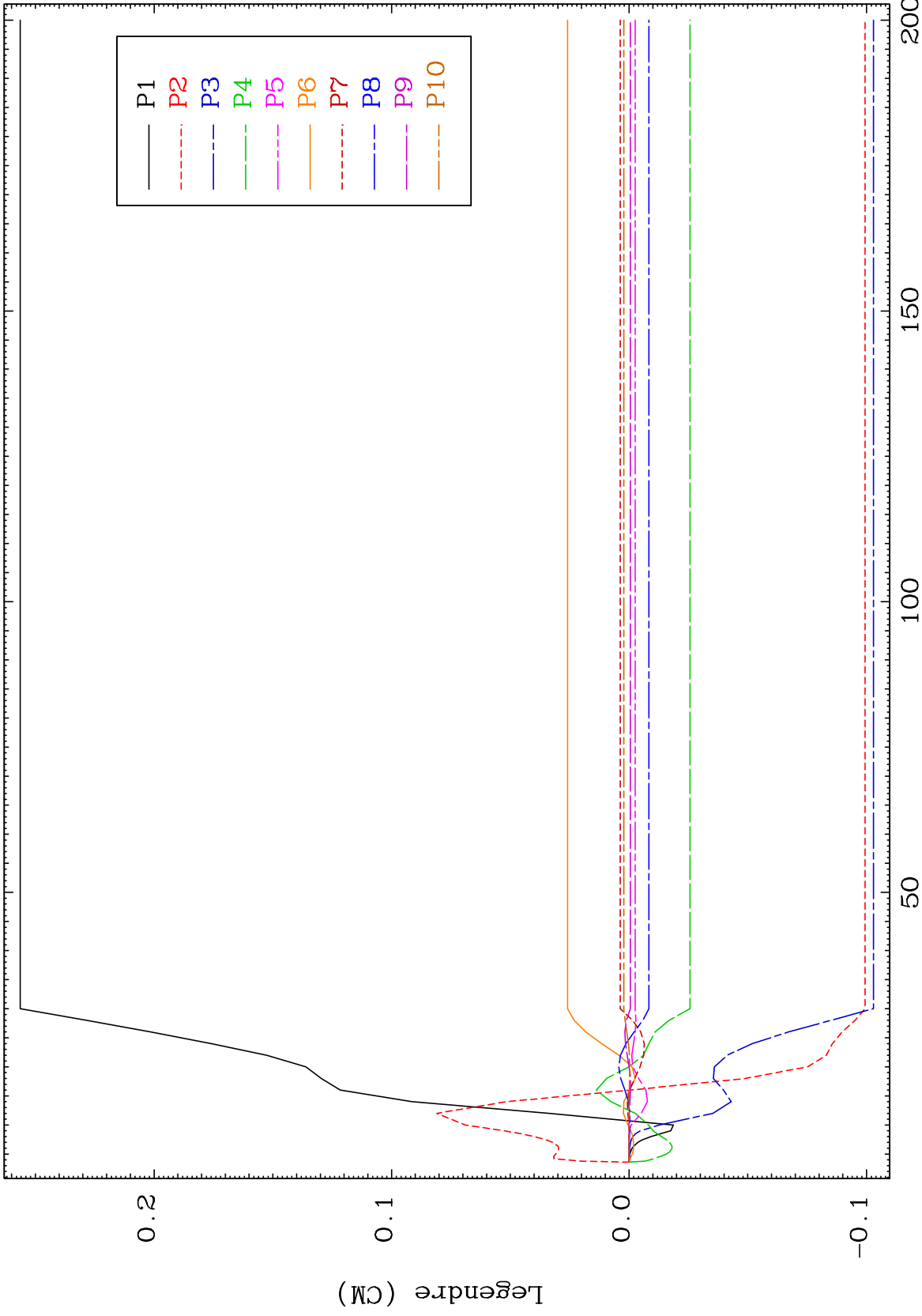
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



67

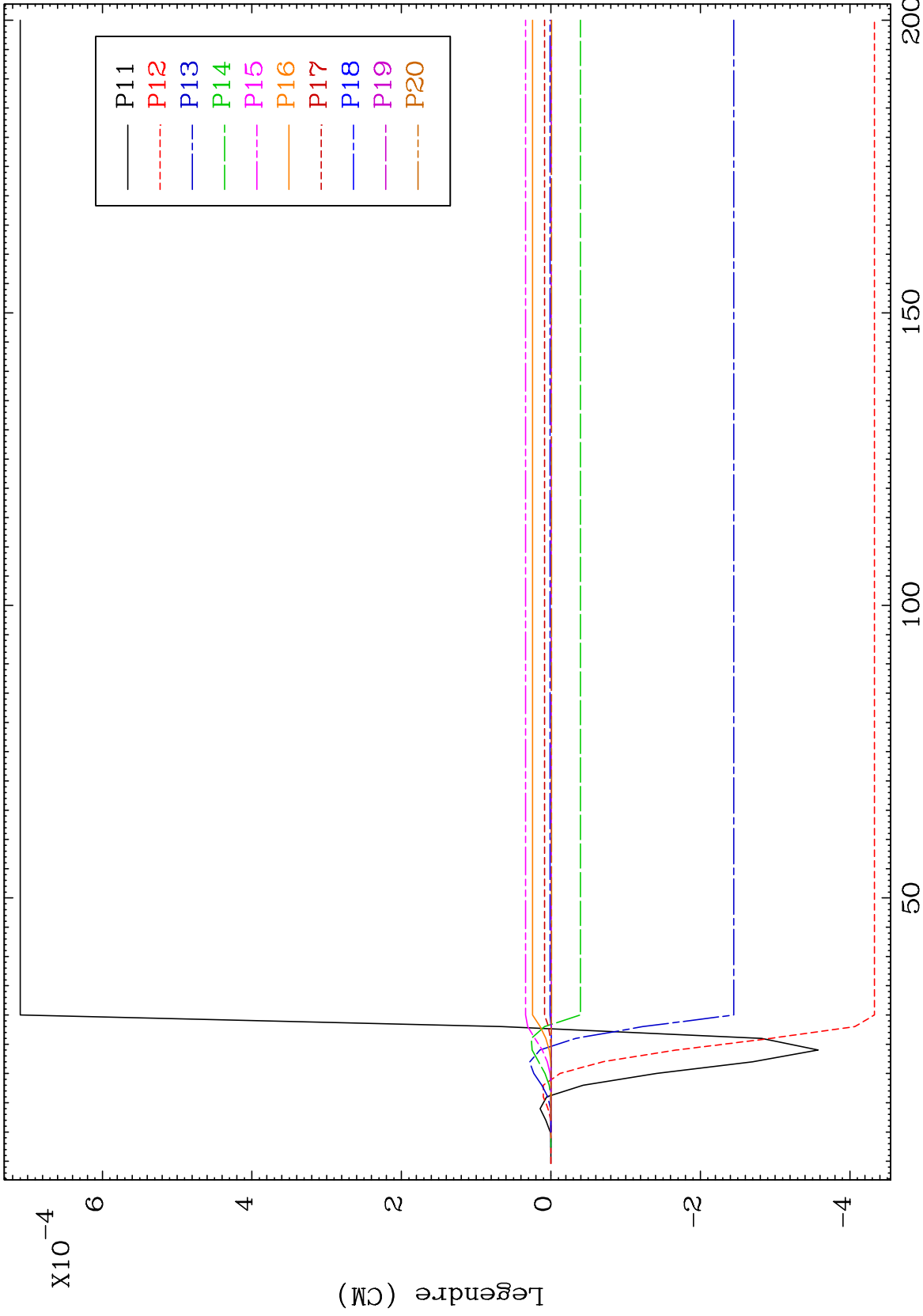
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



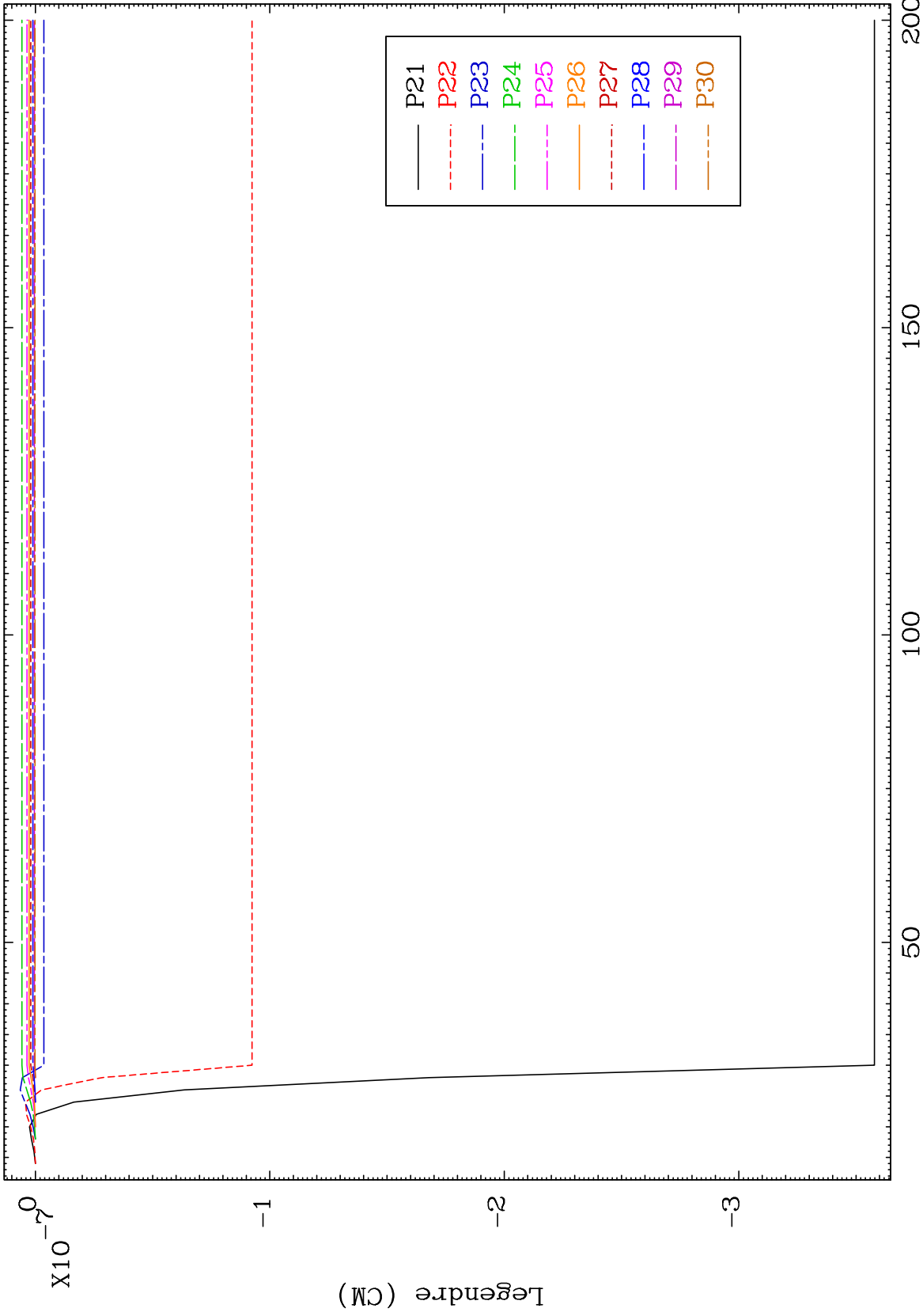
68

28-Ni-70

MAT 2861

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

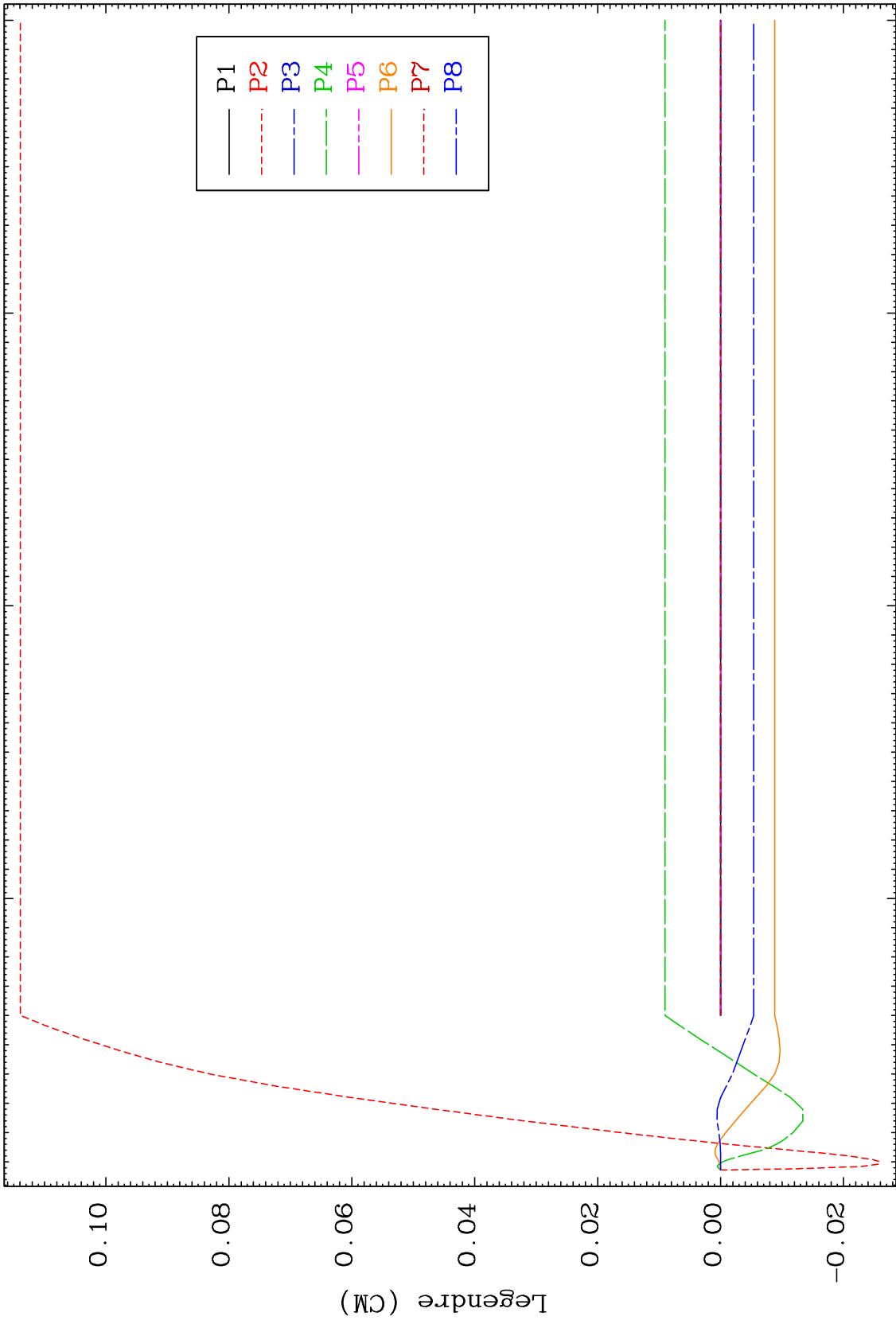
28-Ni-70



69

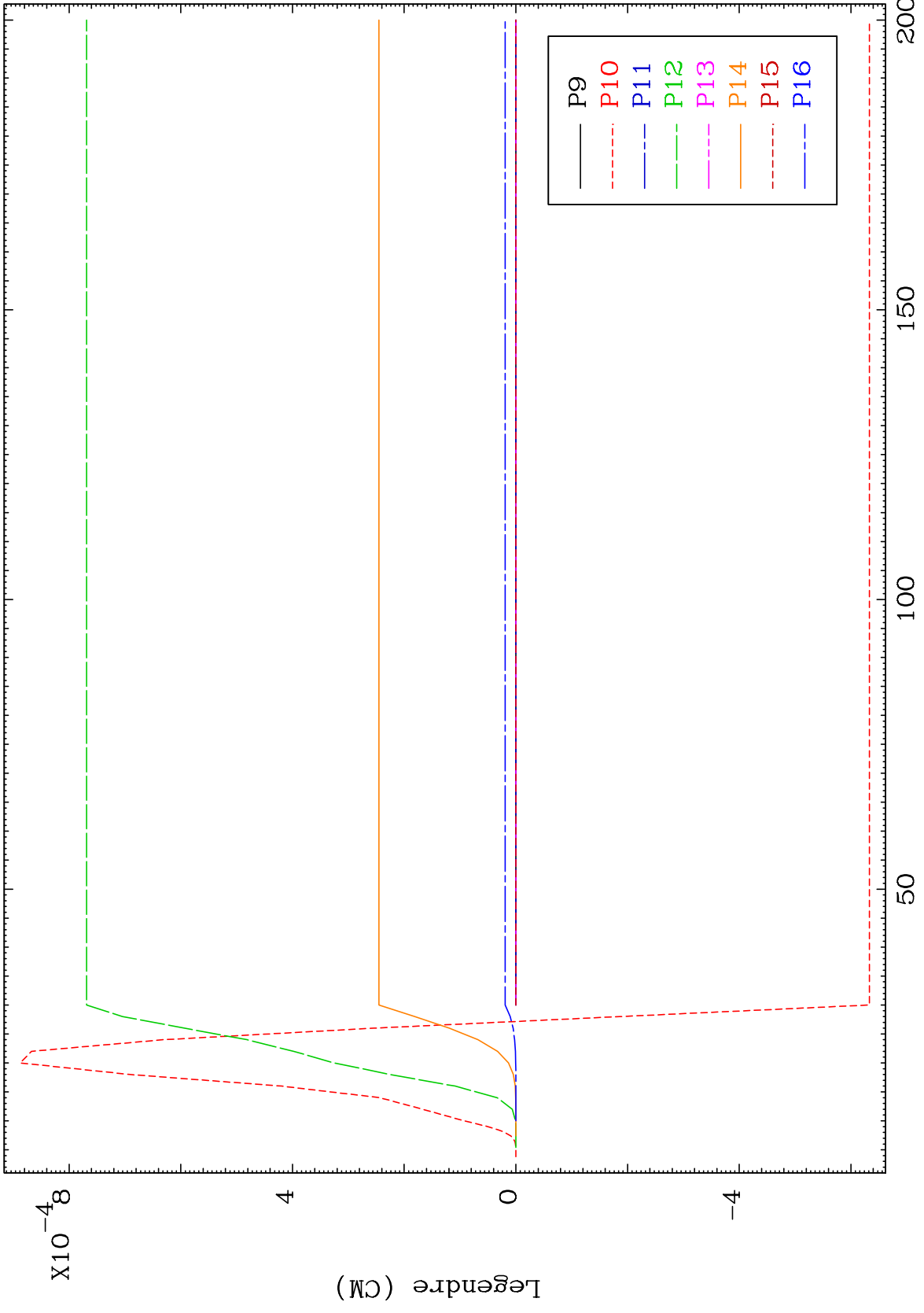
28-Ni-70

MAT 2861 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-70



28-Ni-70

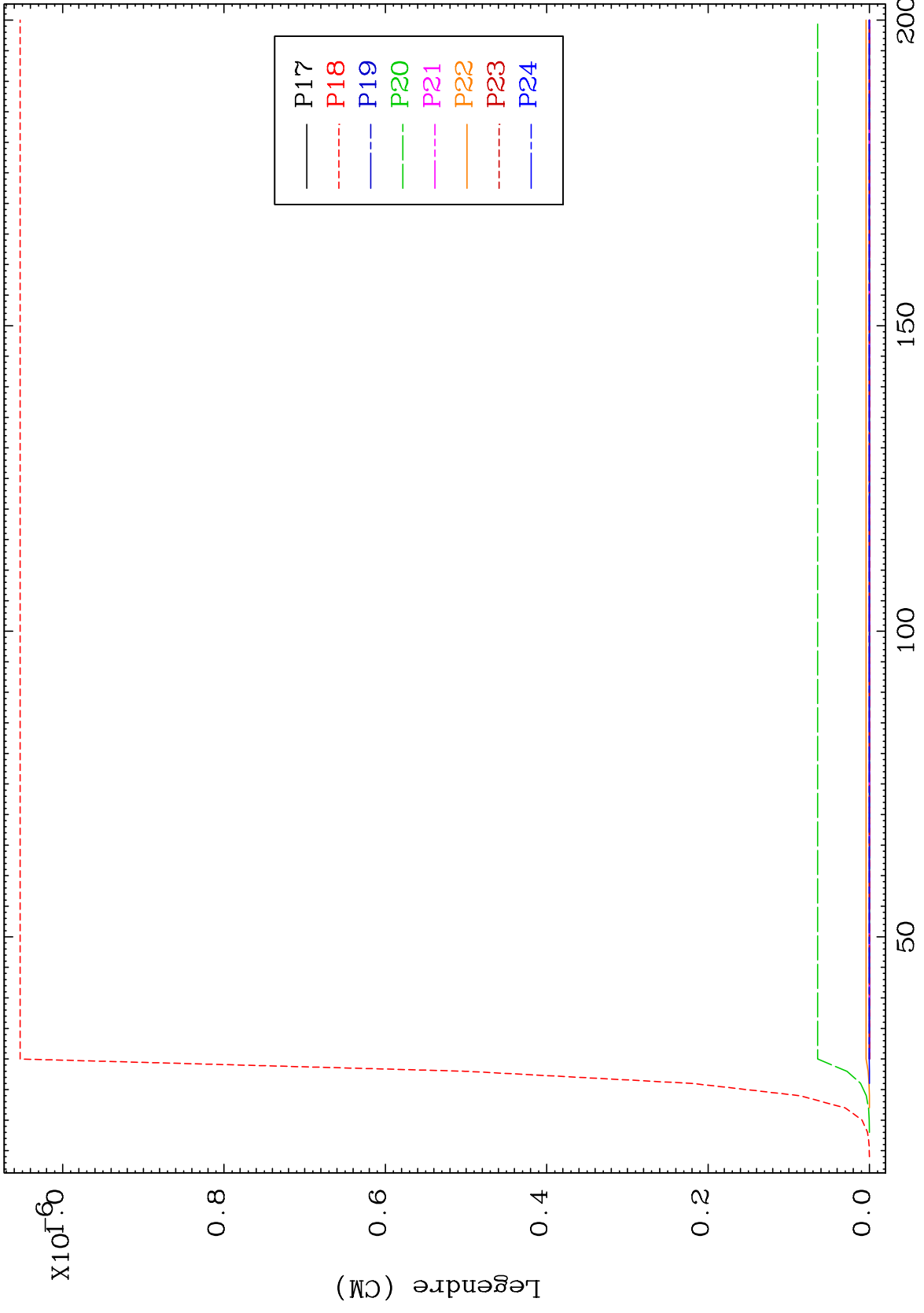
MAT 2861 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-70



71 28-Ni-70

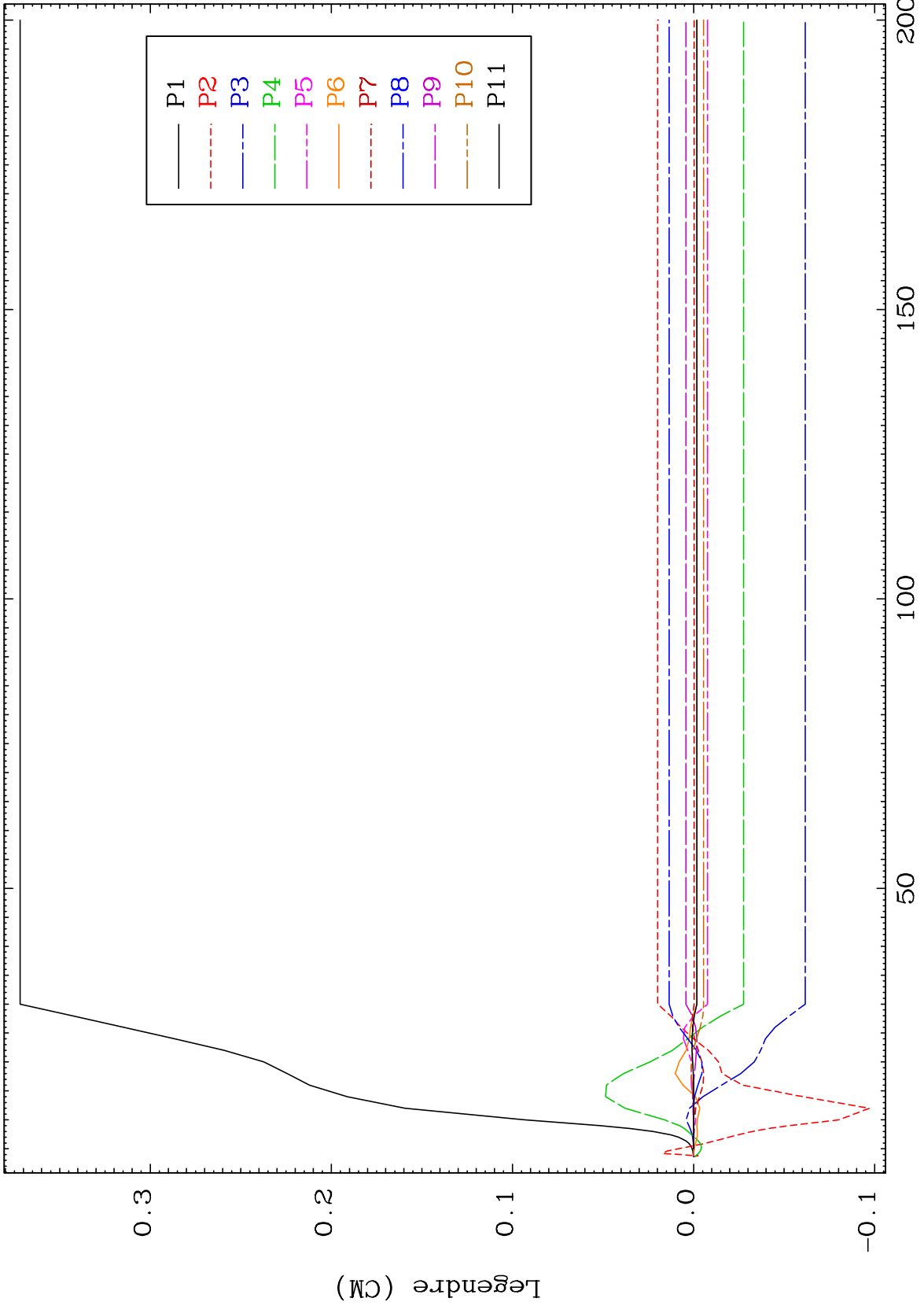


MAT 2861 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-70



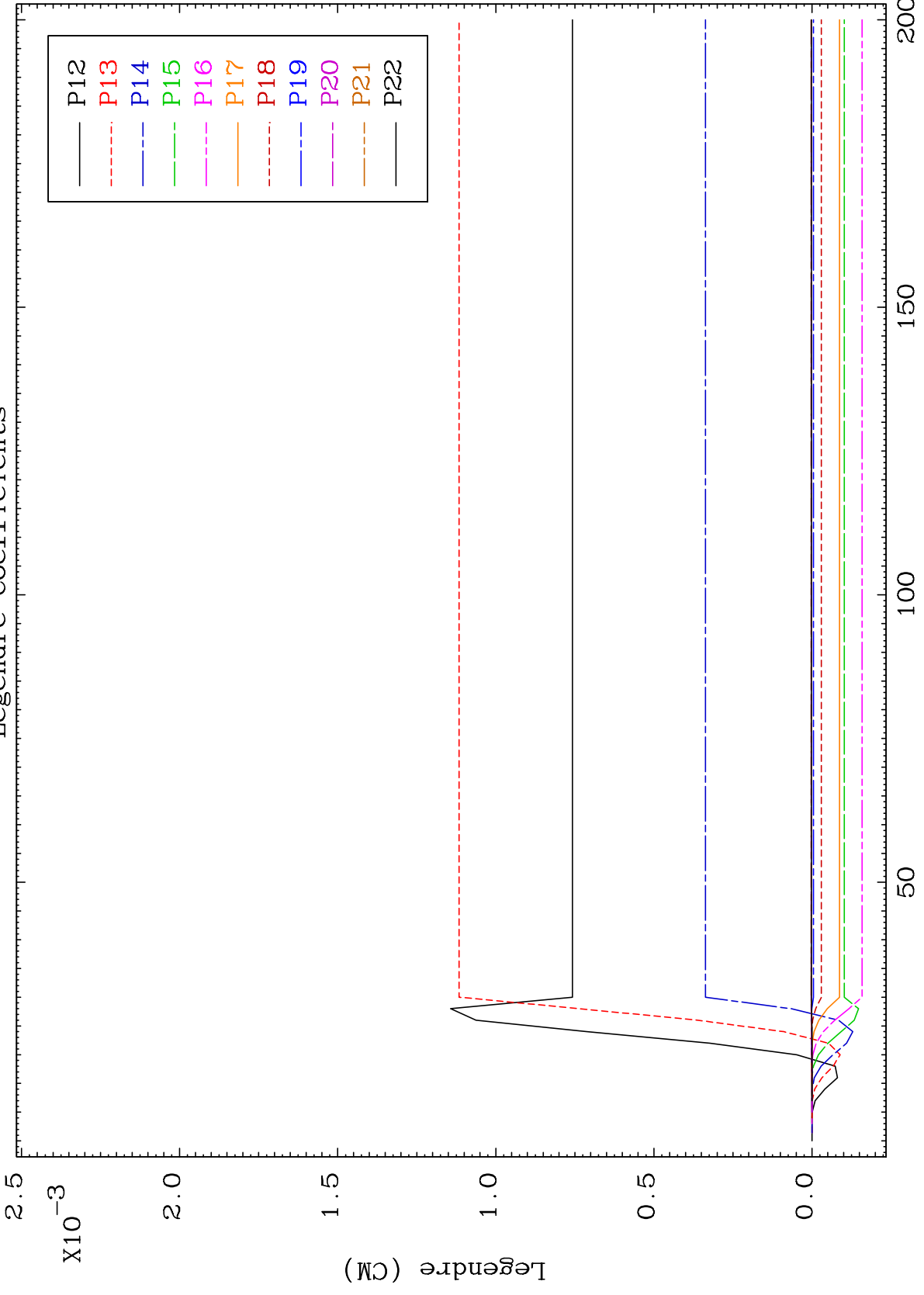
72 28-Ni-70

MAT 2861 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-70

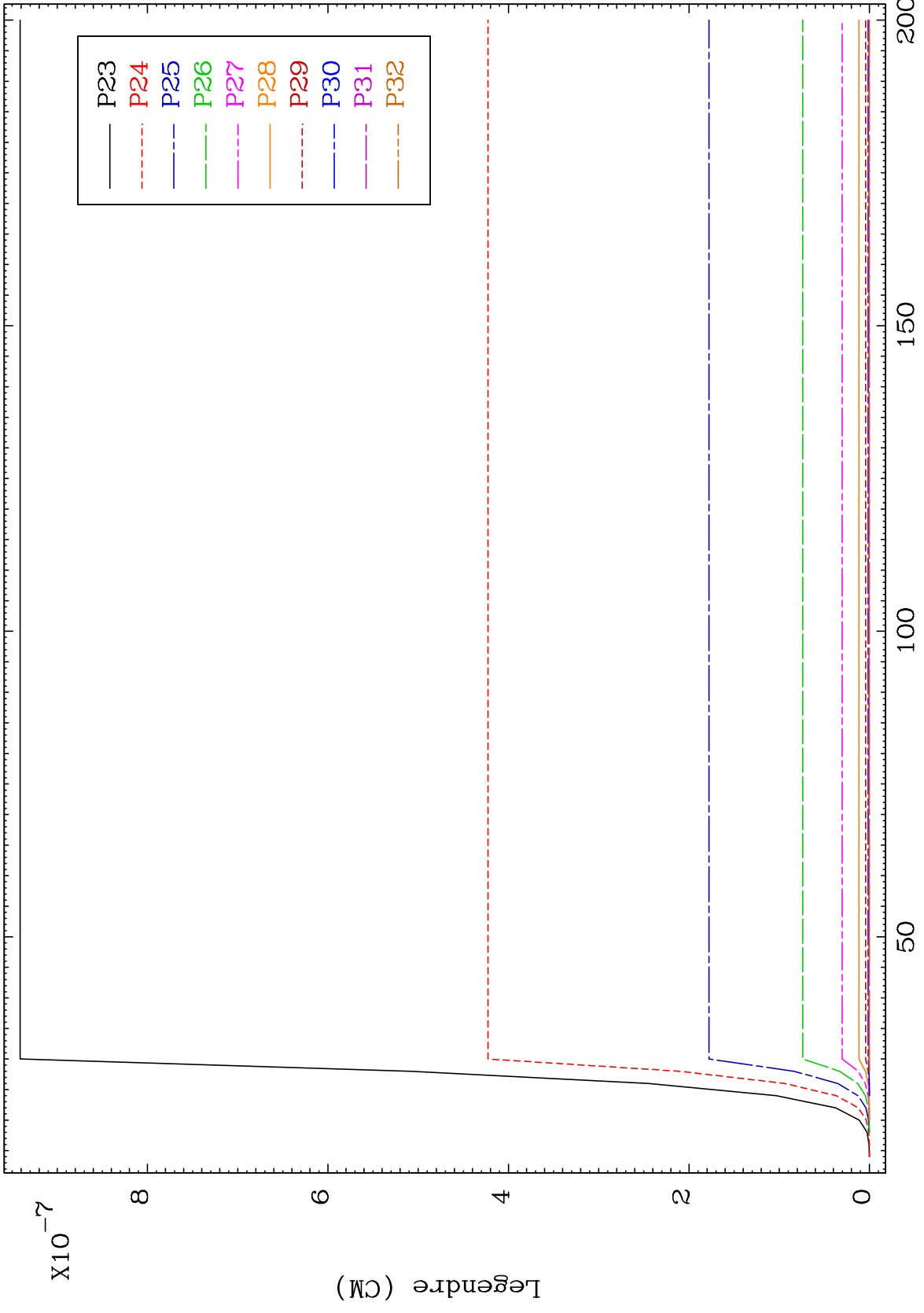


73 28-Ni-70

MAT 2861 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-70

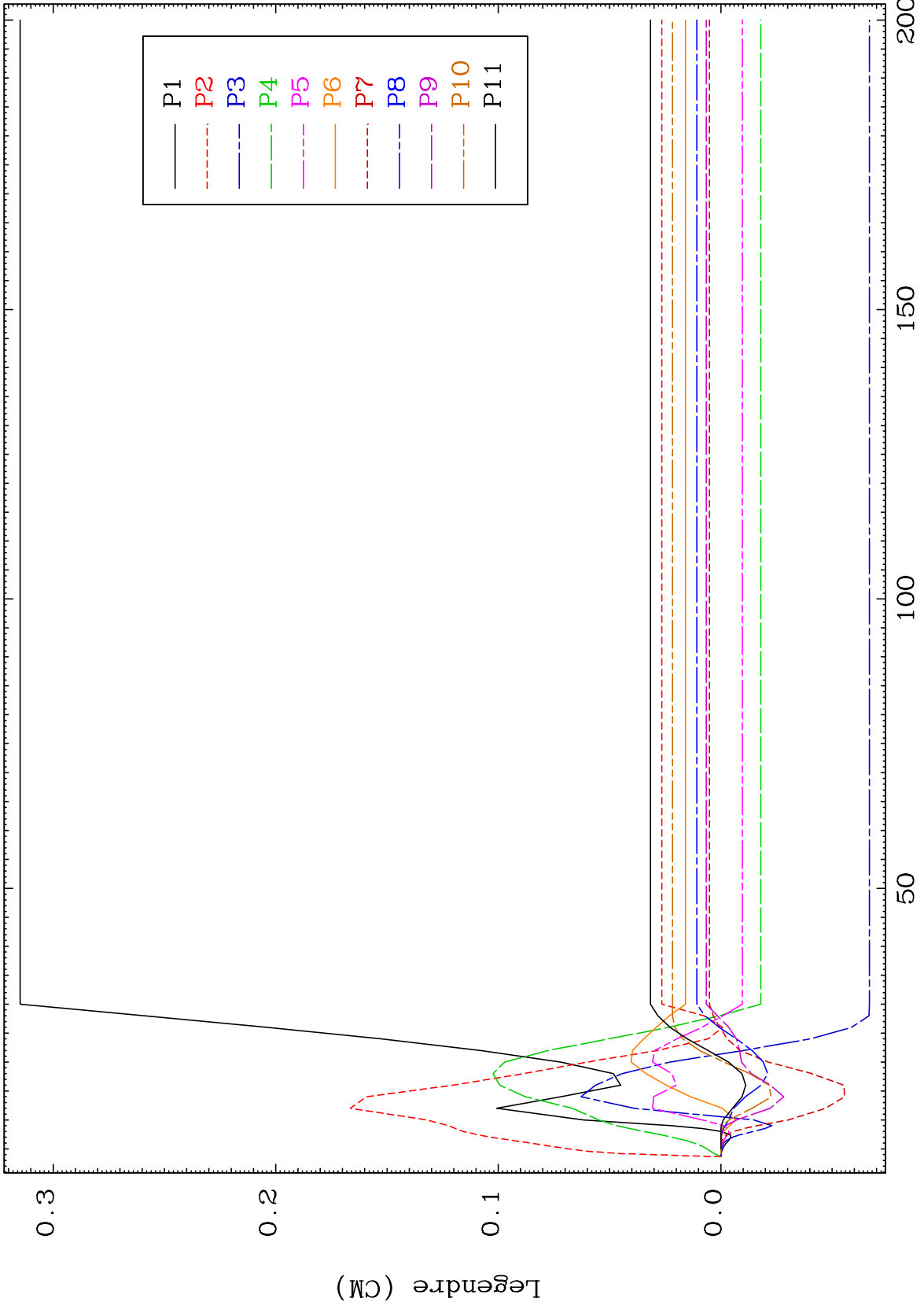


MAT 2861 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-70



75 Incident Energy (MeV) 28-Ni-70

MAT 2861 MT= 70 (n,n') Level Legendre Coefficients 28-Ni-70

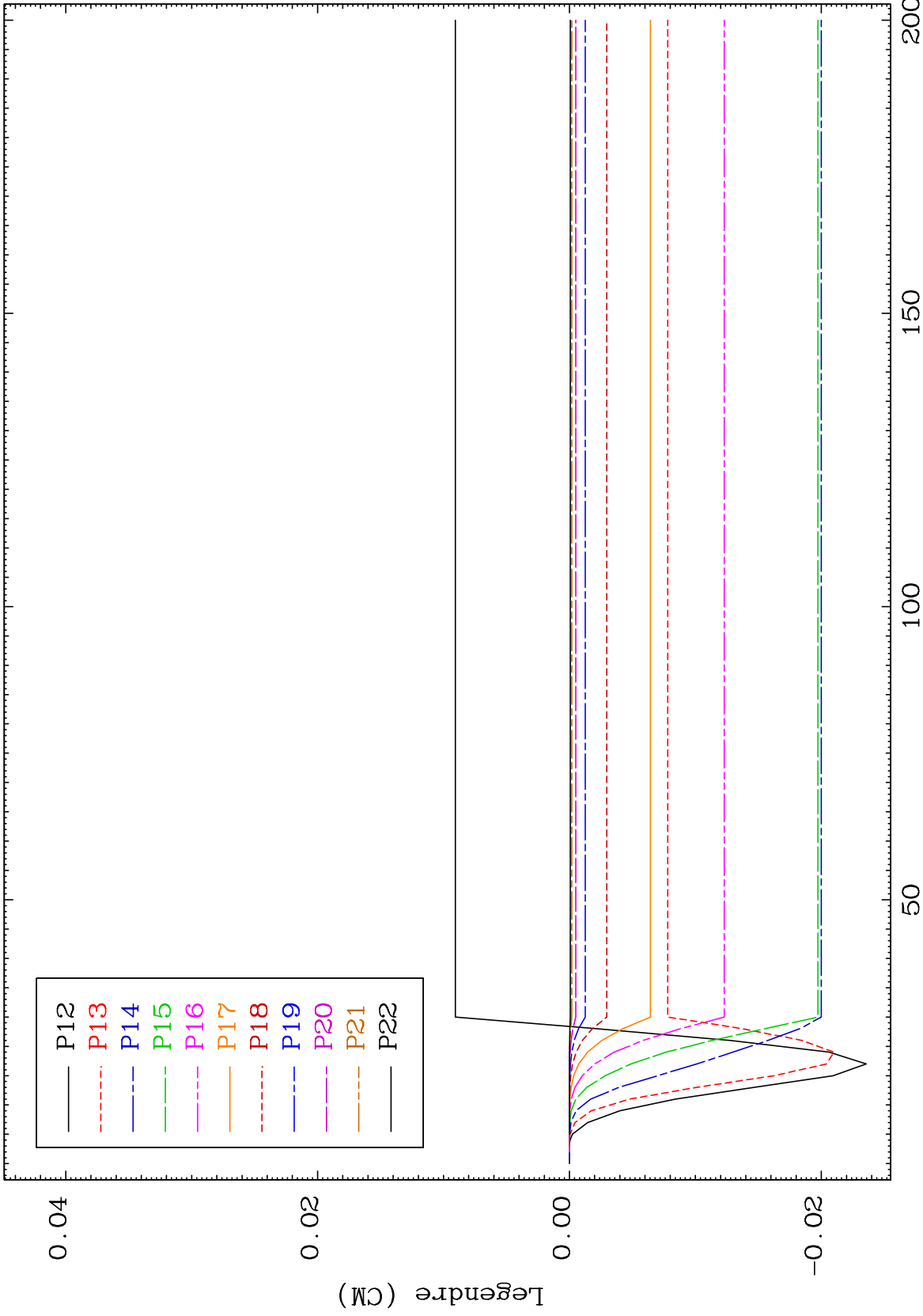


76 28-Ni-70

MAT 2861

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

28-Ni-70

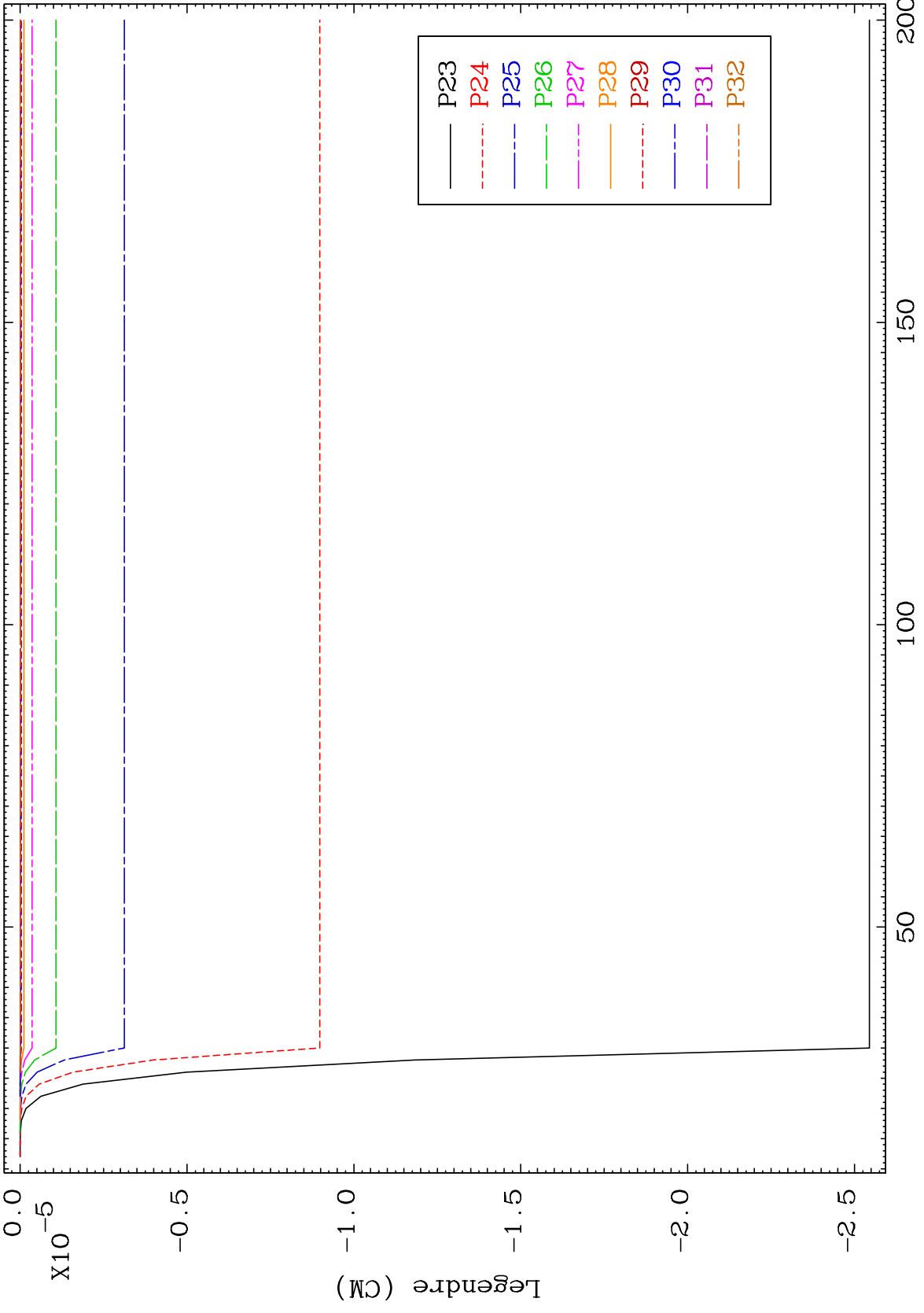


77

Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 70 (n,n') Level Legendre Coefficients 28-Ni-70

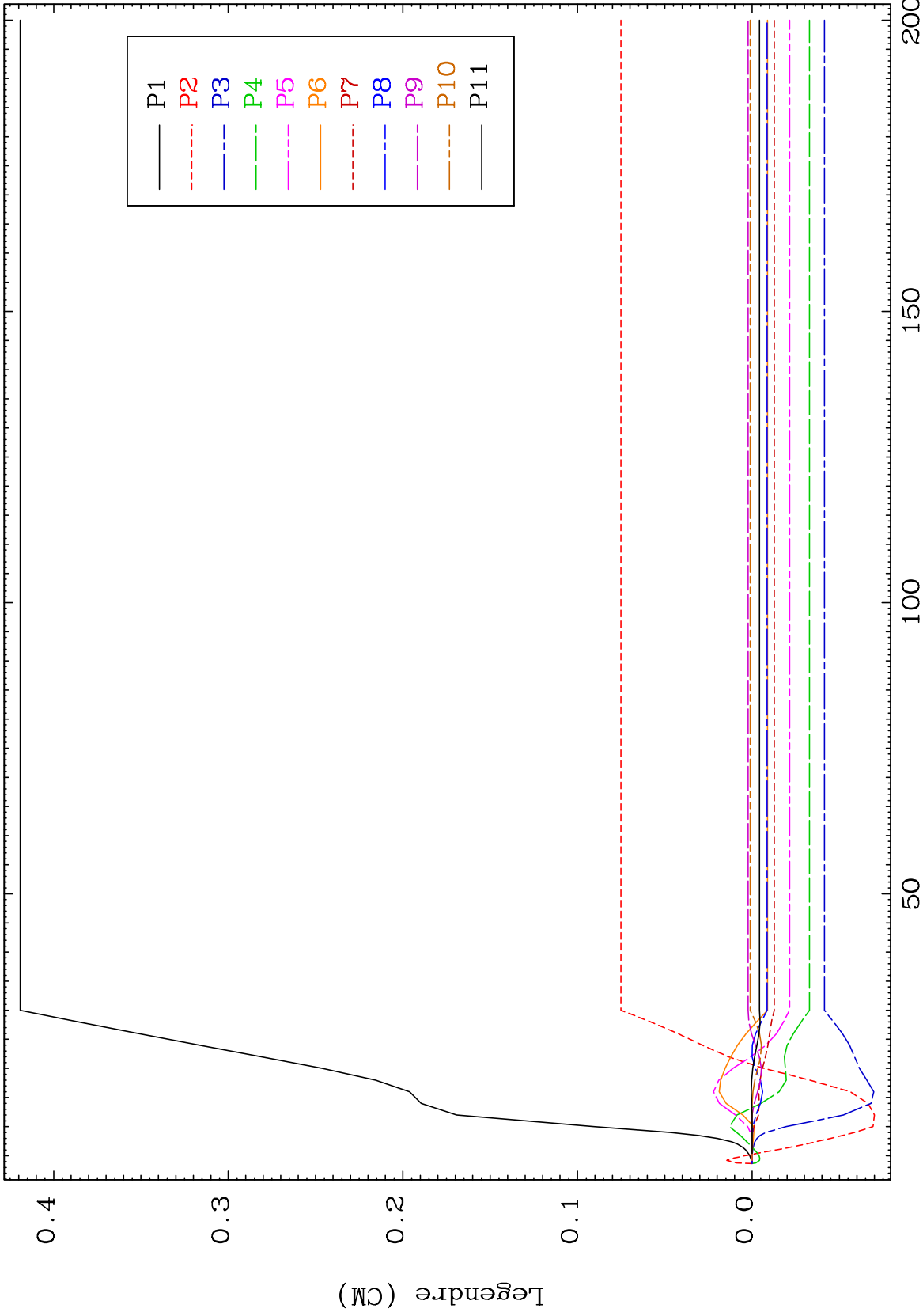


78 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

28-Ni-70



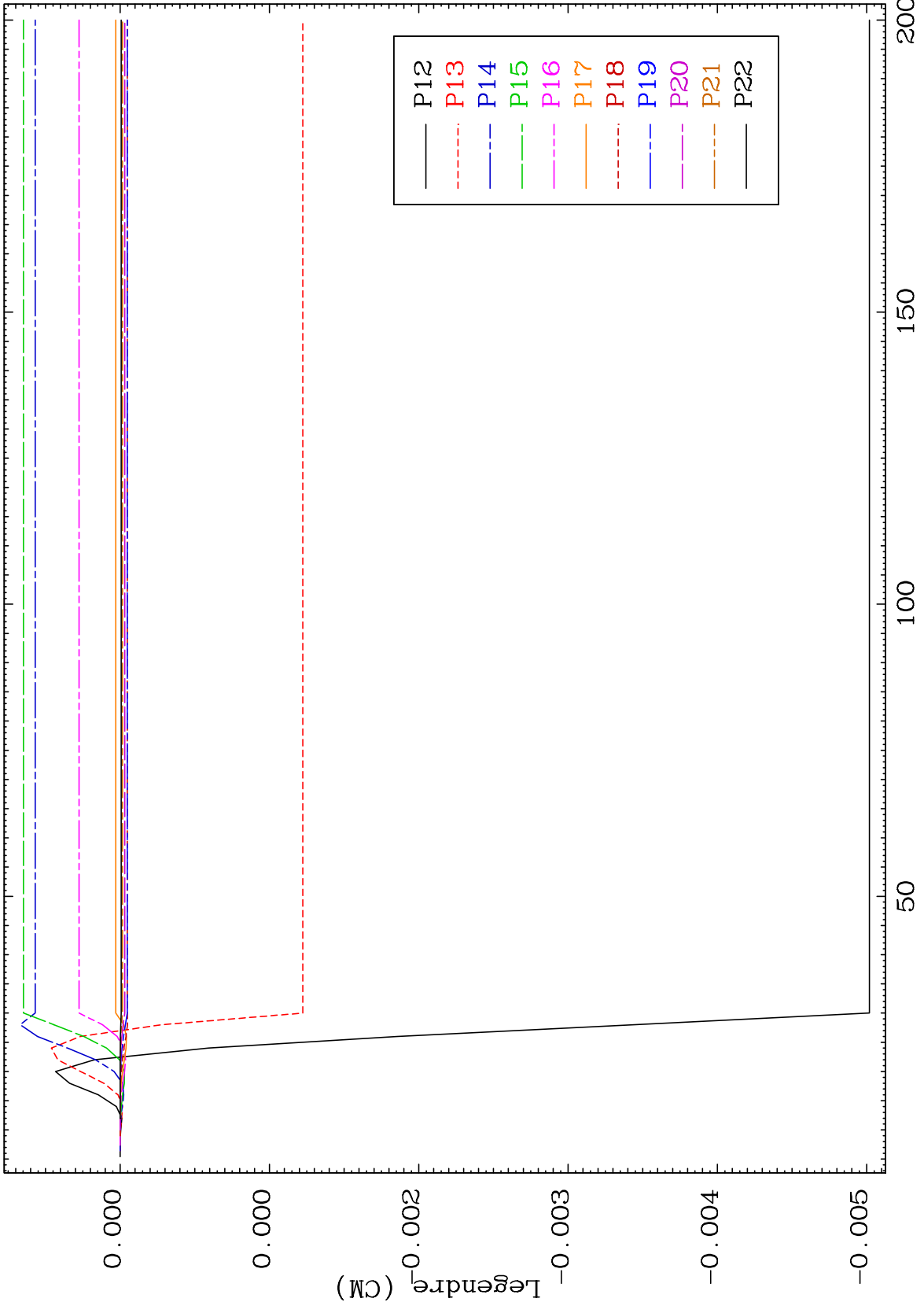
79

Incident Energy (MeV)

28-Ni-70



MAT 2861 MT= 71 (n,n') Level Legendre Coefficients 28-Ni-70

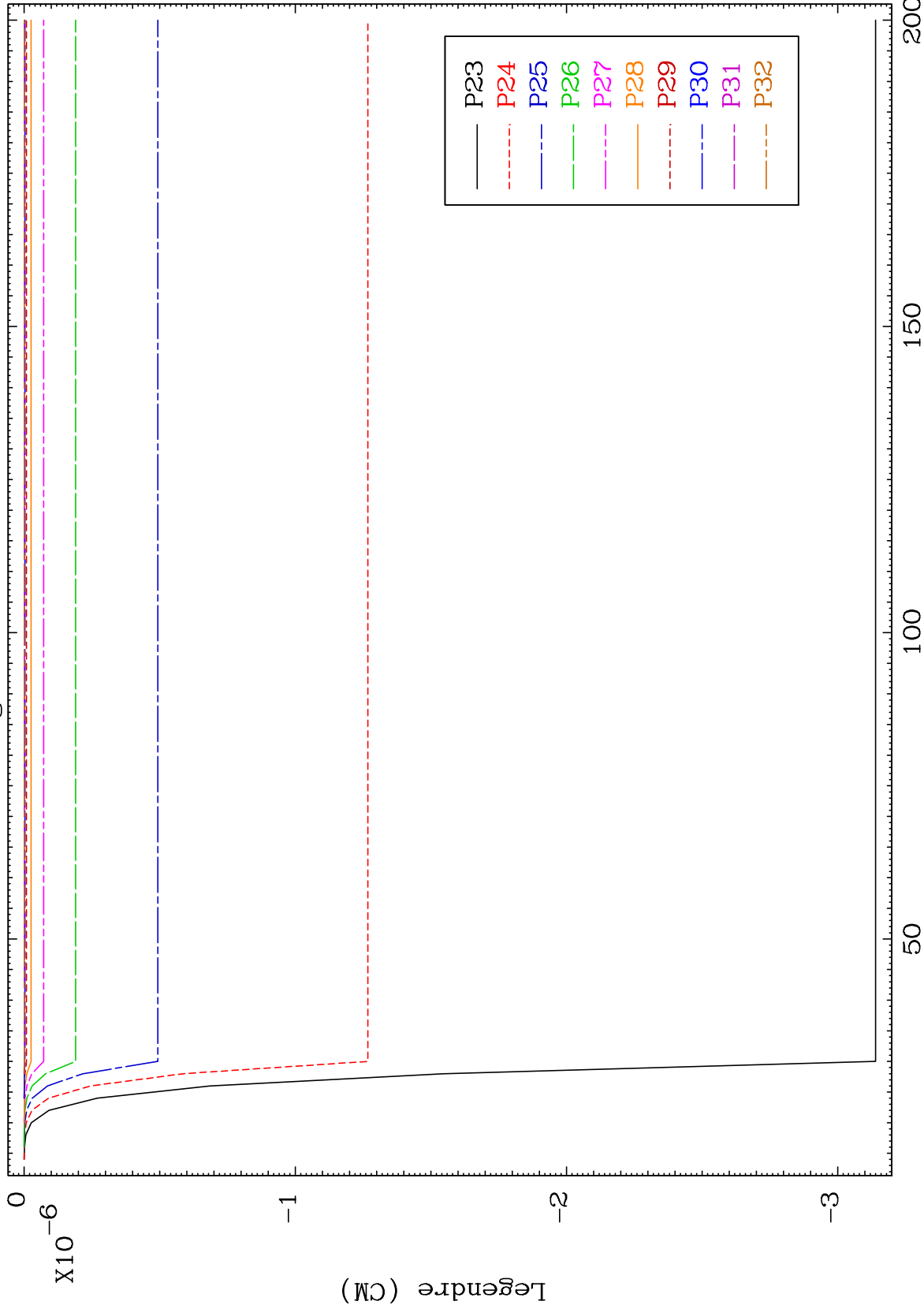


80 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

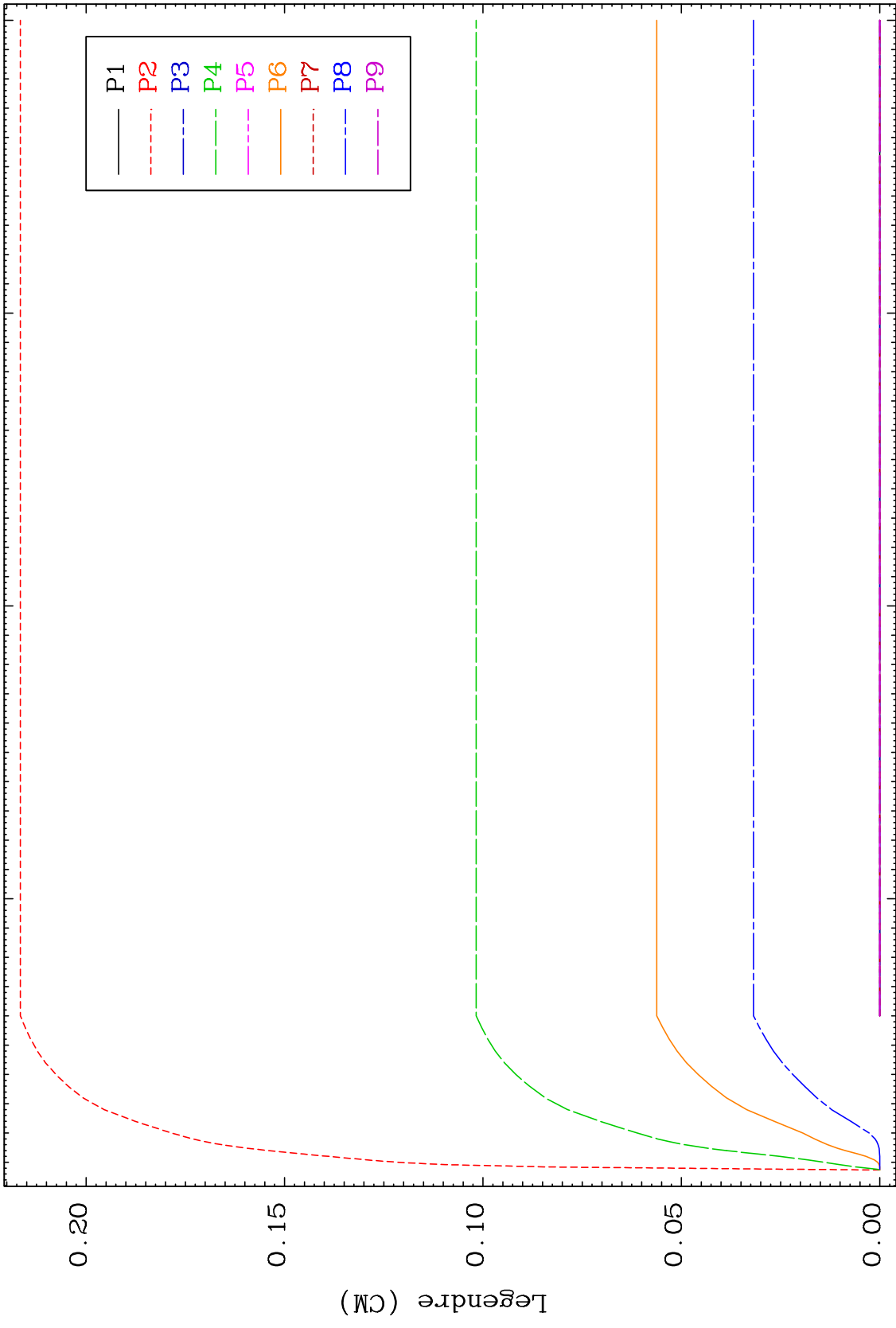
28-Ni-70



81

28-Ni-70

MAT 2861 MT= 72 (n,n') Level Legendre Coefficients 28-Ni-70

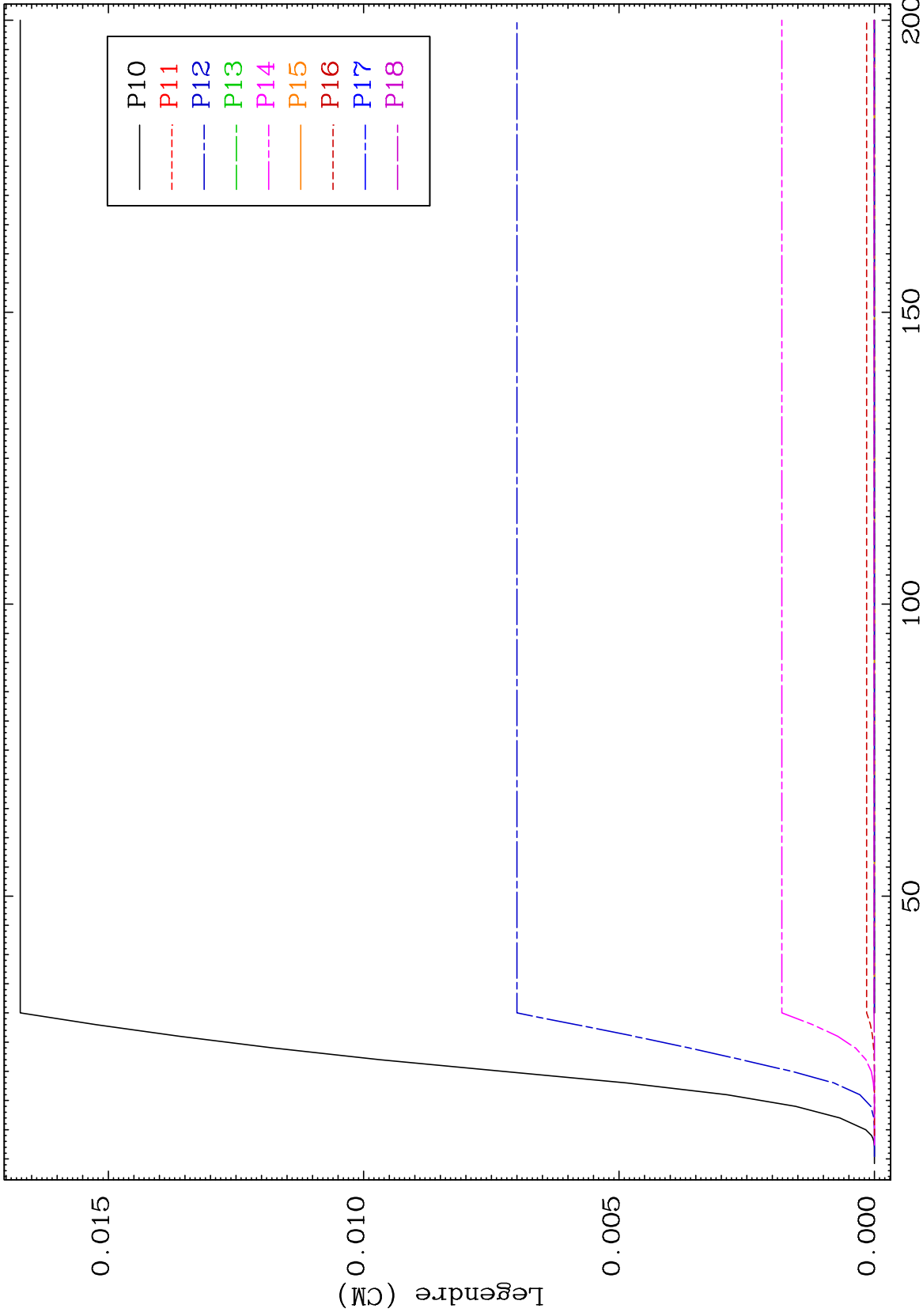


82 Incident Energy (MeV) 28-Ni-70

MAT 2861

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

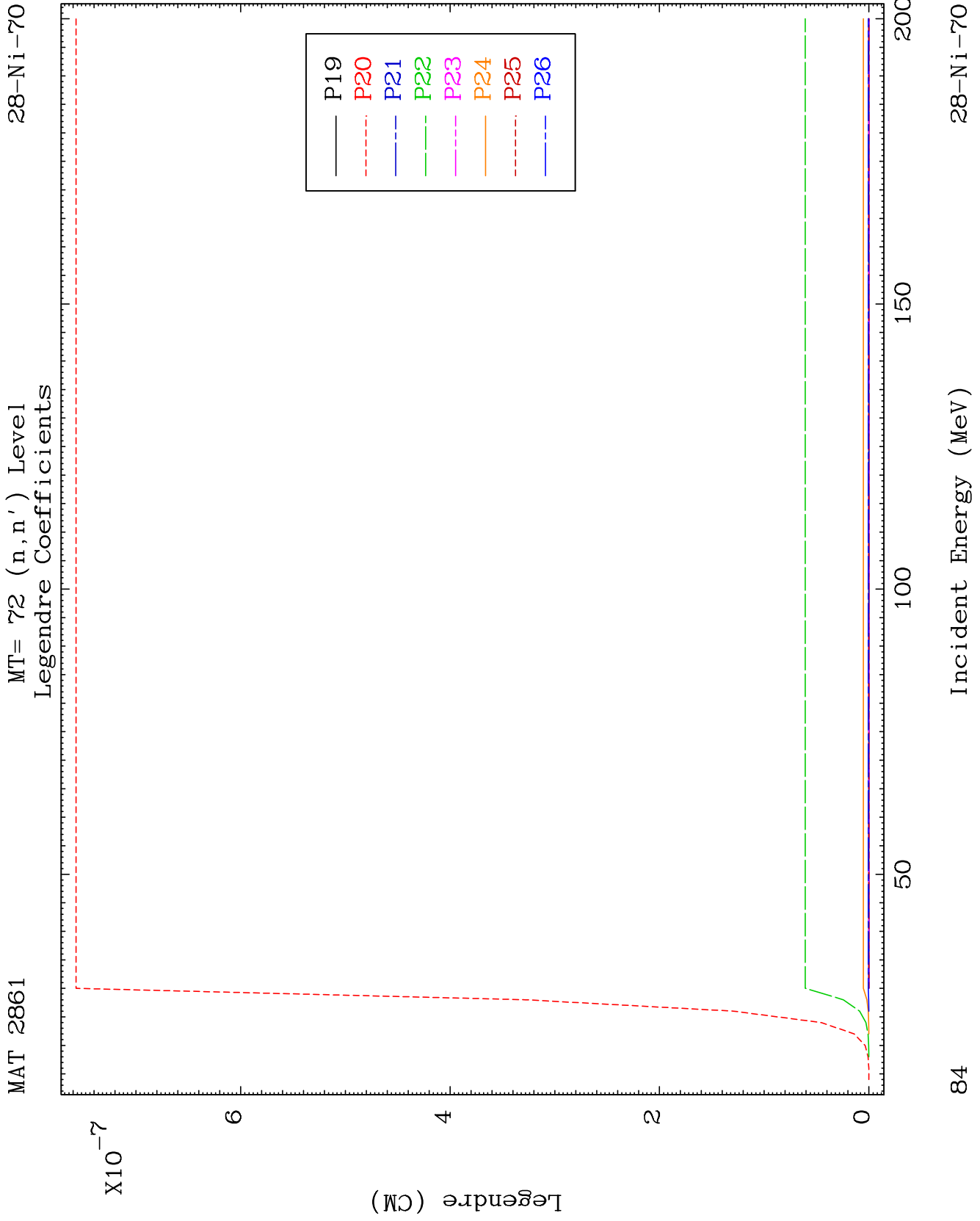
28-Ni-70

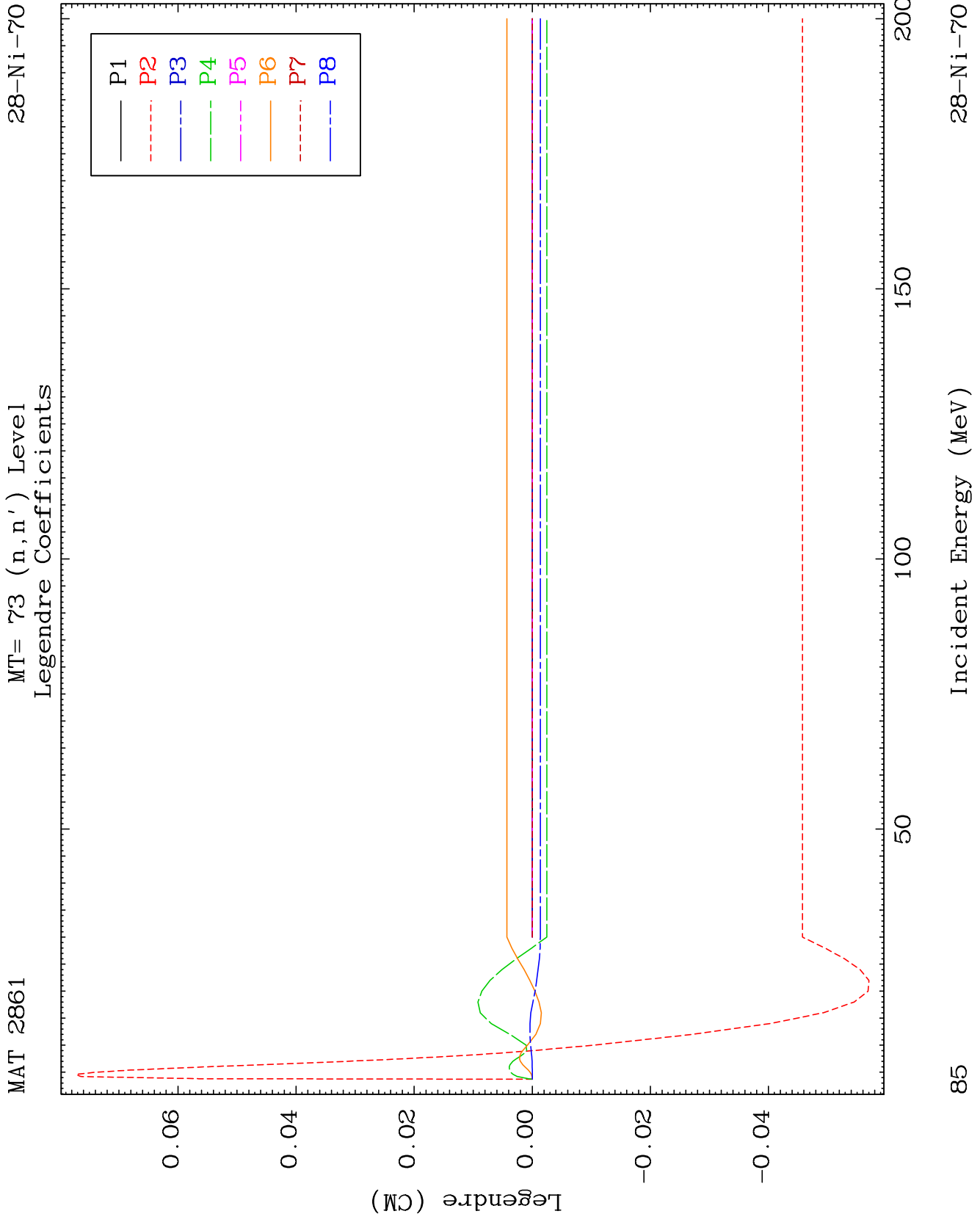


83

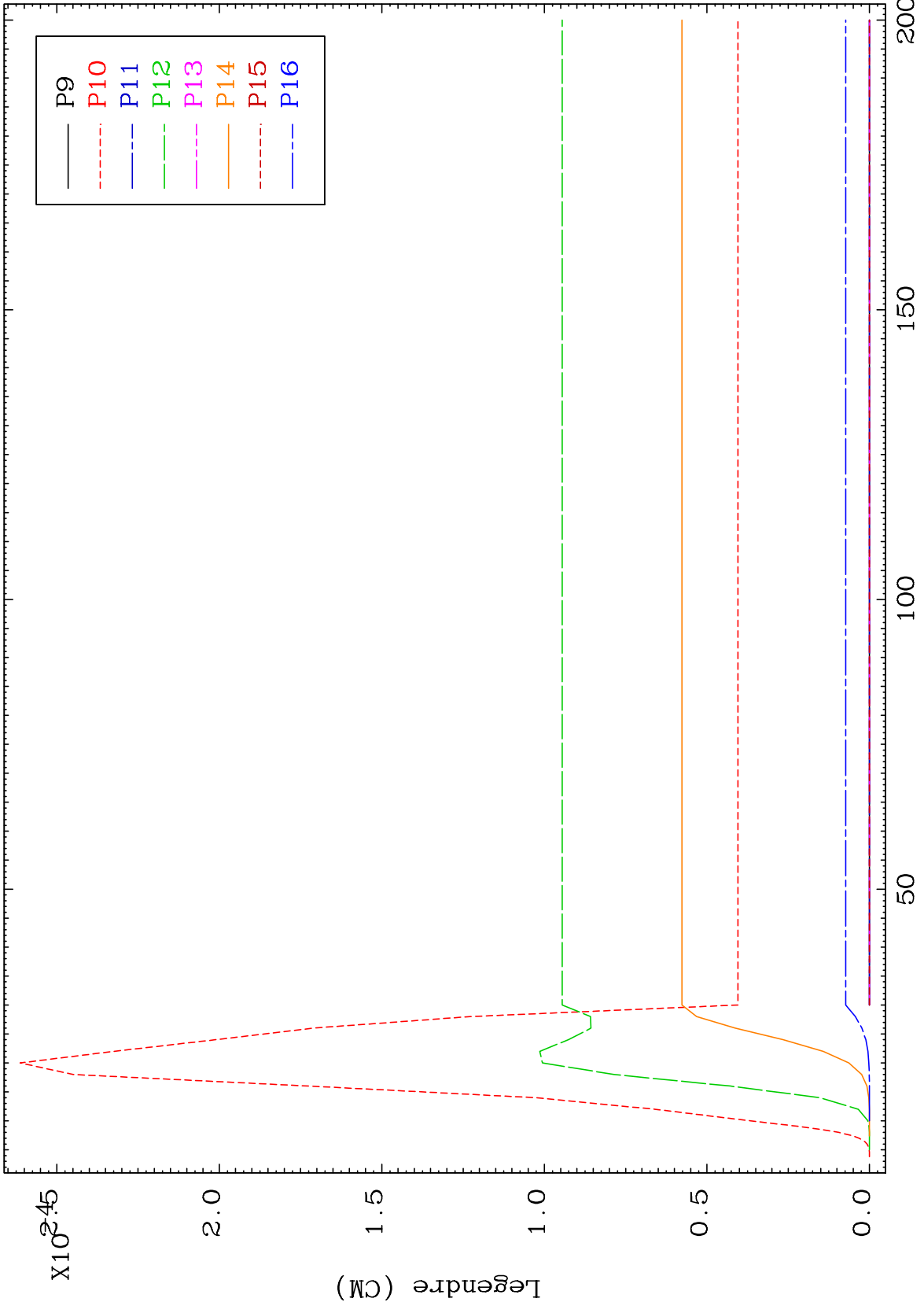
Incident Energy (MeV)

28-Ni-70

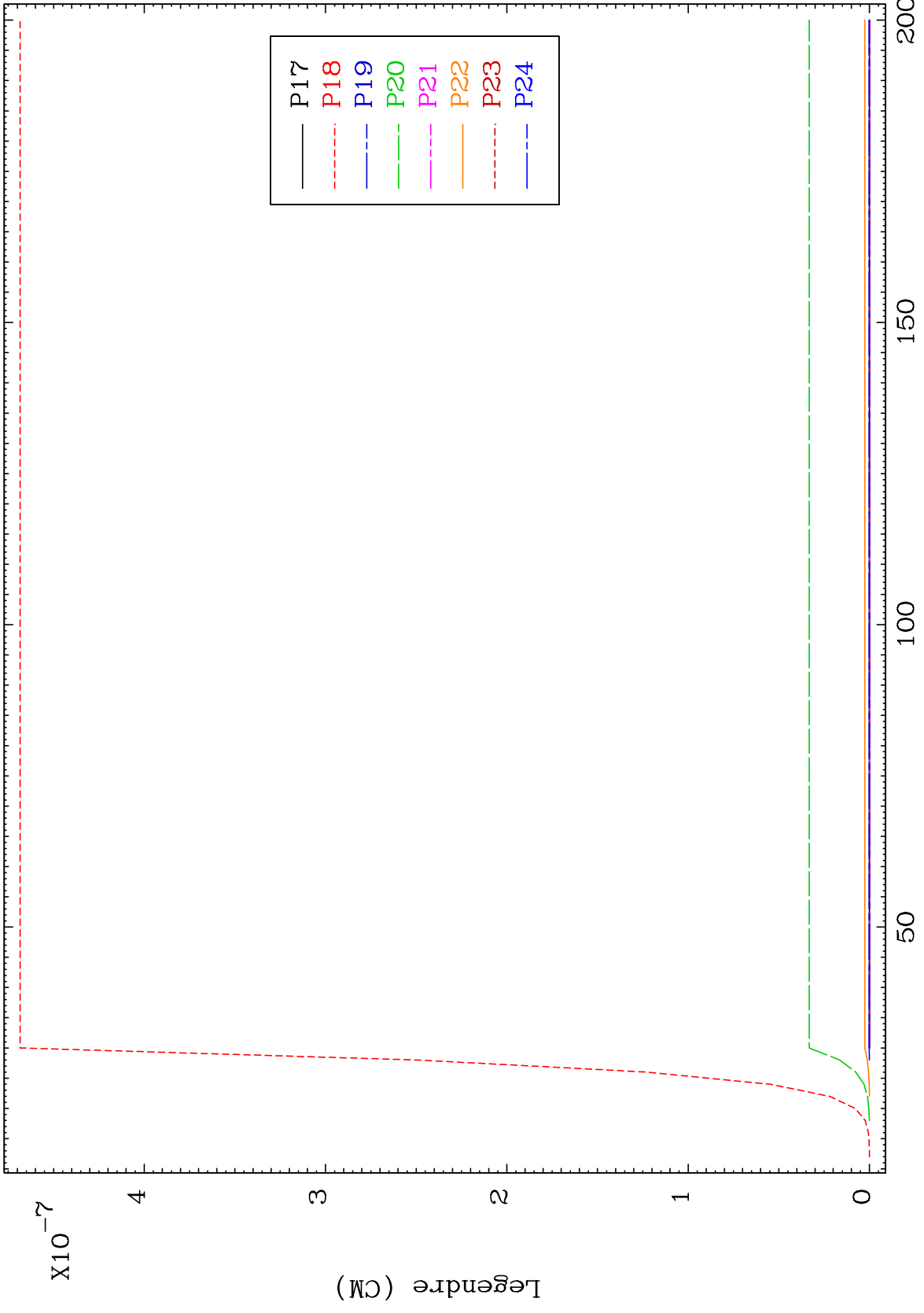




MAT 2861 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-70



MAT 2861 MT= 73 (n,n') Level Legendre Coefficients 28-Ni-70



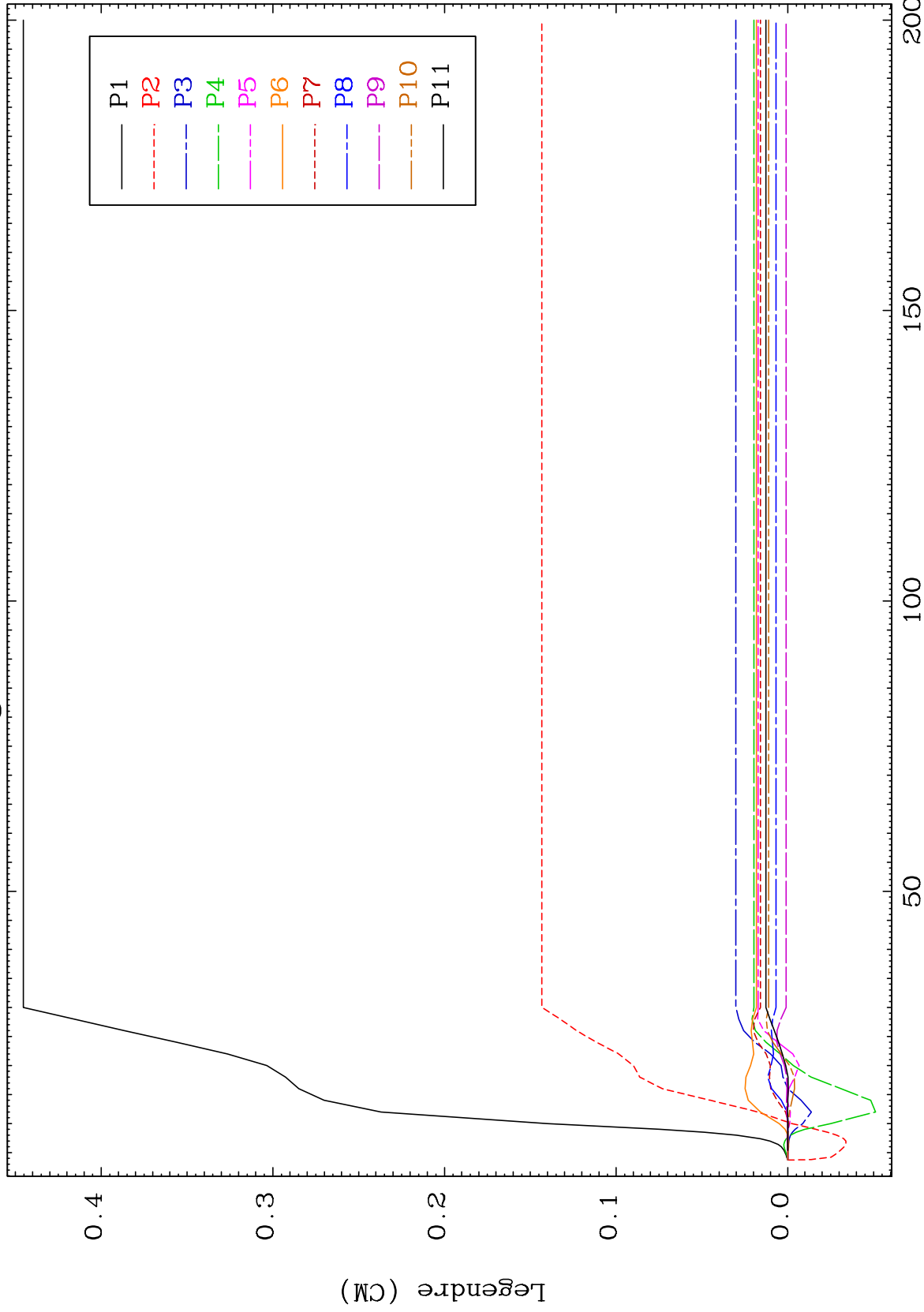
87 Incident Energy (MeV) 28-Ni-70



MAT 2861

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

28-Ni-70

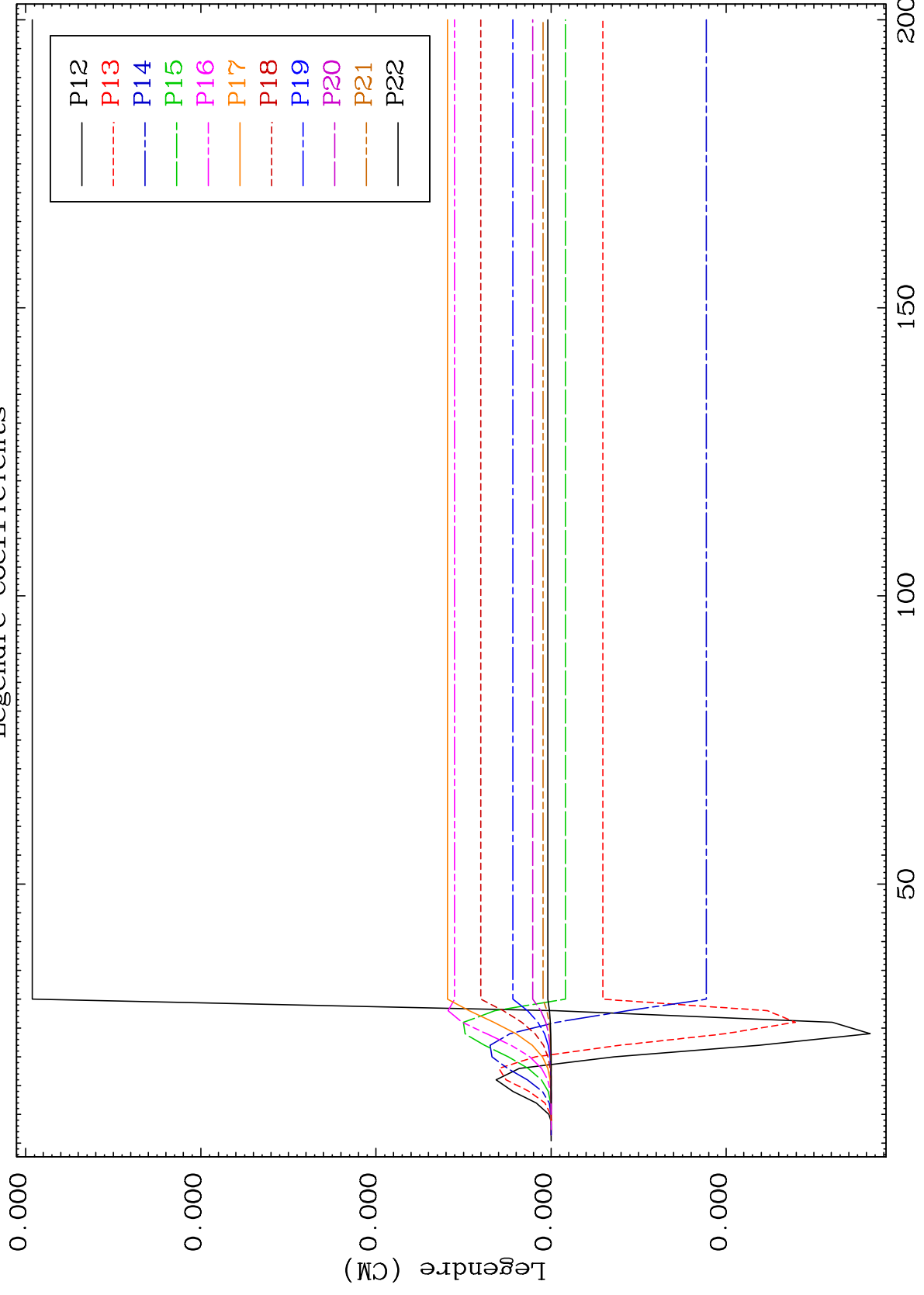


88

Incident Energy (MeV)

28-Ni-70

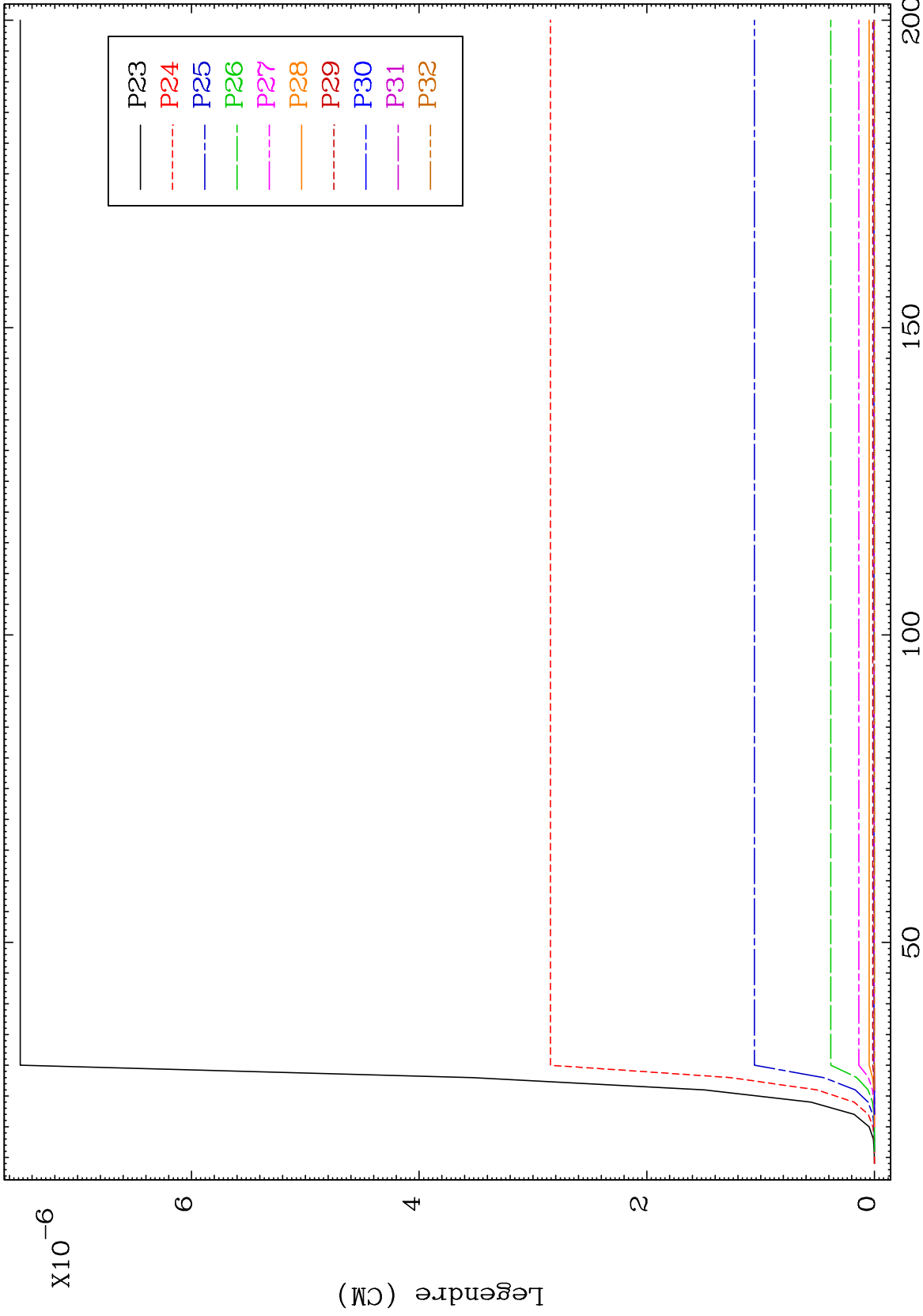
MAT 2861 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-70



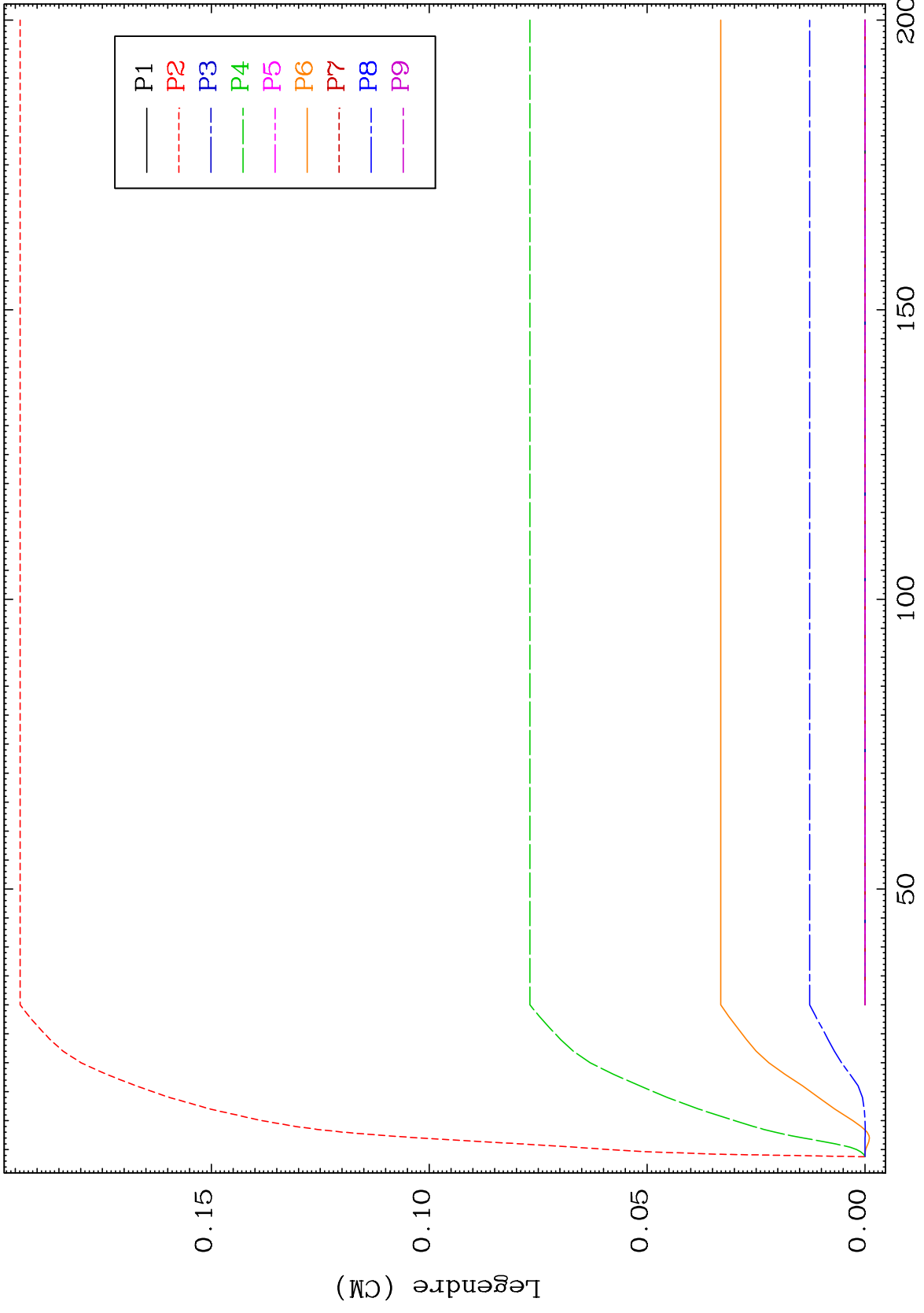
MAT 2861

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

28-Ni-70



MAT 2861 MT= 75 (n,n') Level Legendre Coefficients 28-Ni-70

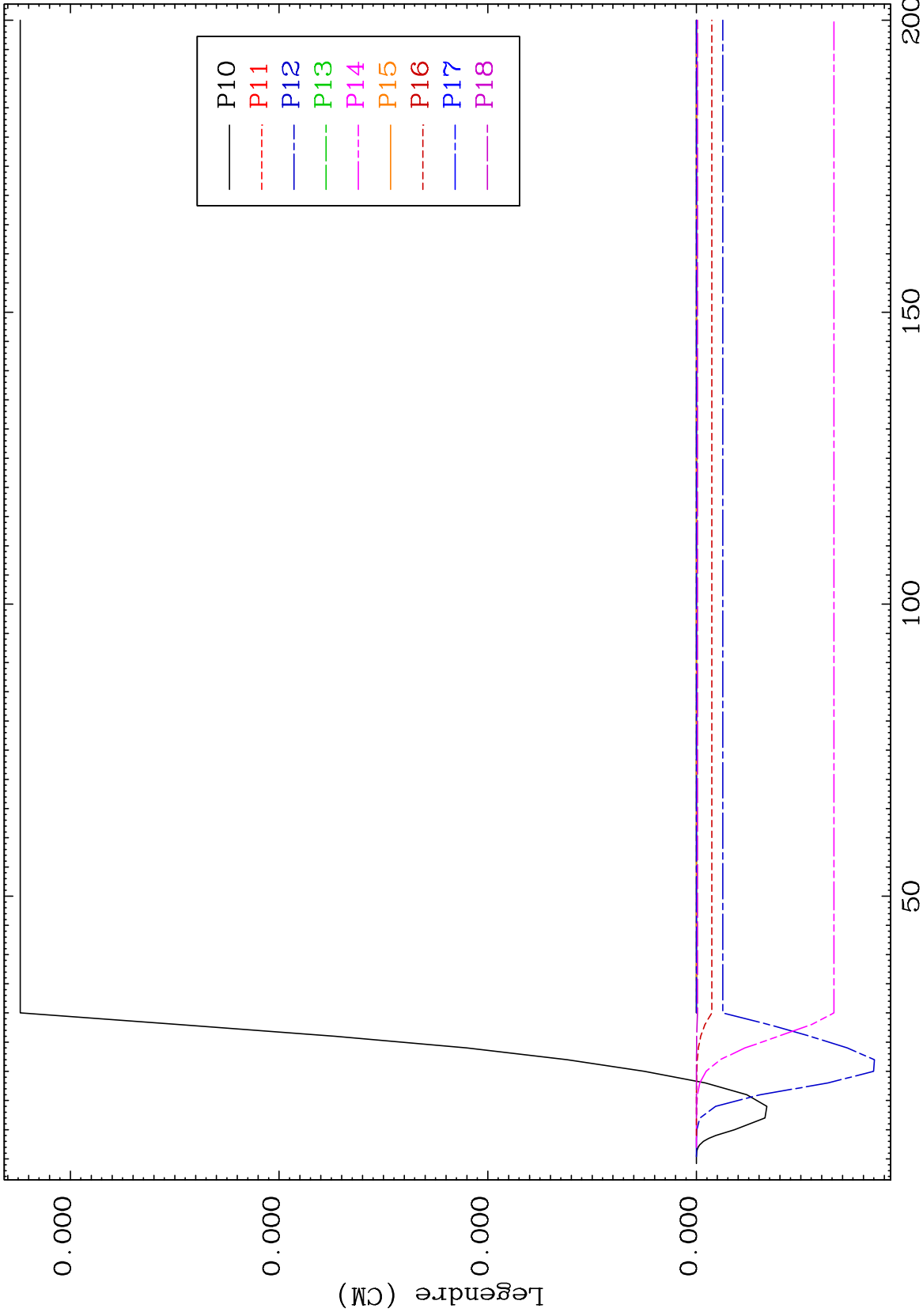


91 28-Ni-70

MAT 2861

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

28-Ni-70

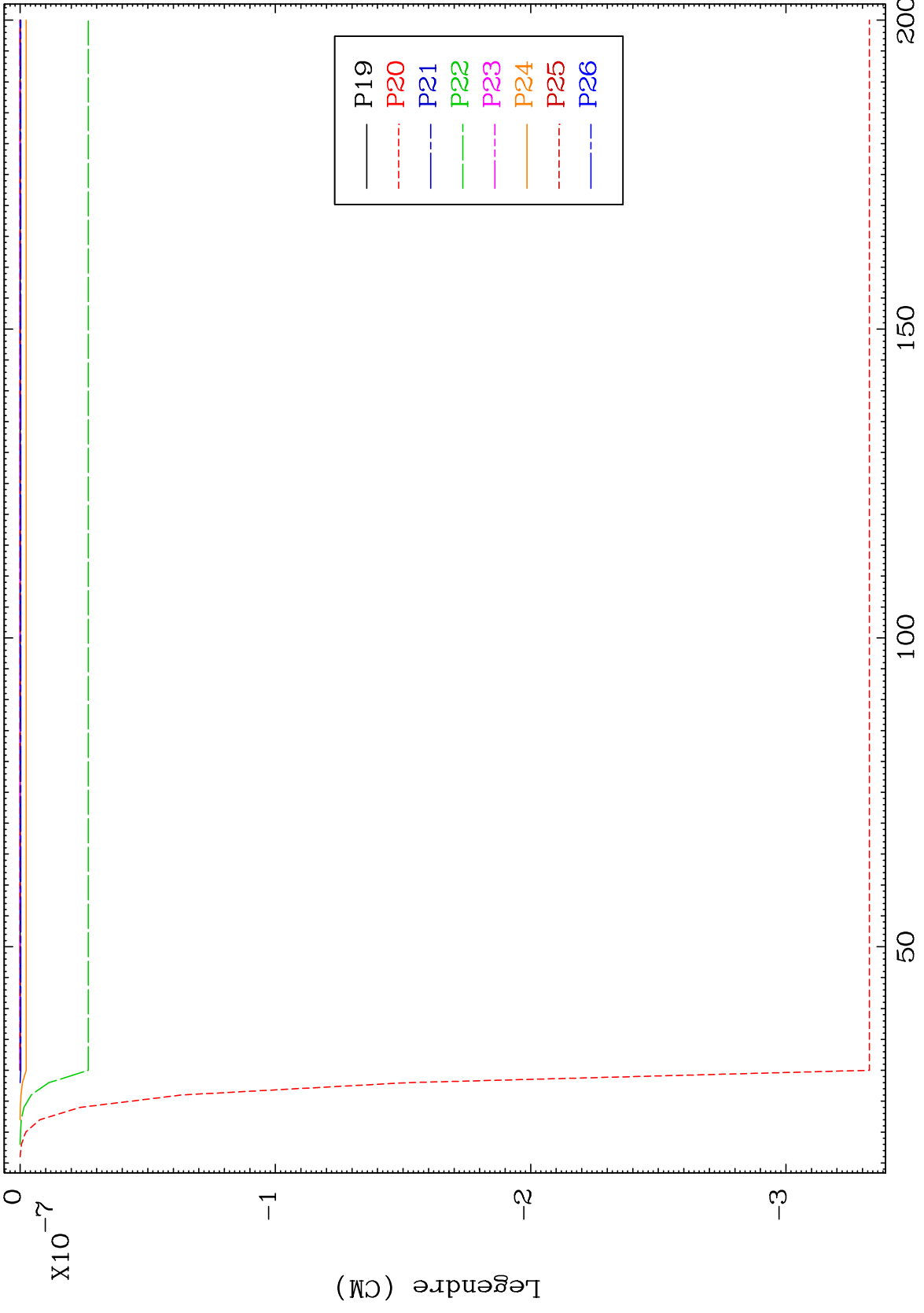


92

Incident Energy (MeV)

28-Ni-70

MAT 2861 MT= 75 (n,n') Level Legendre Coefficients 28-Ni-70

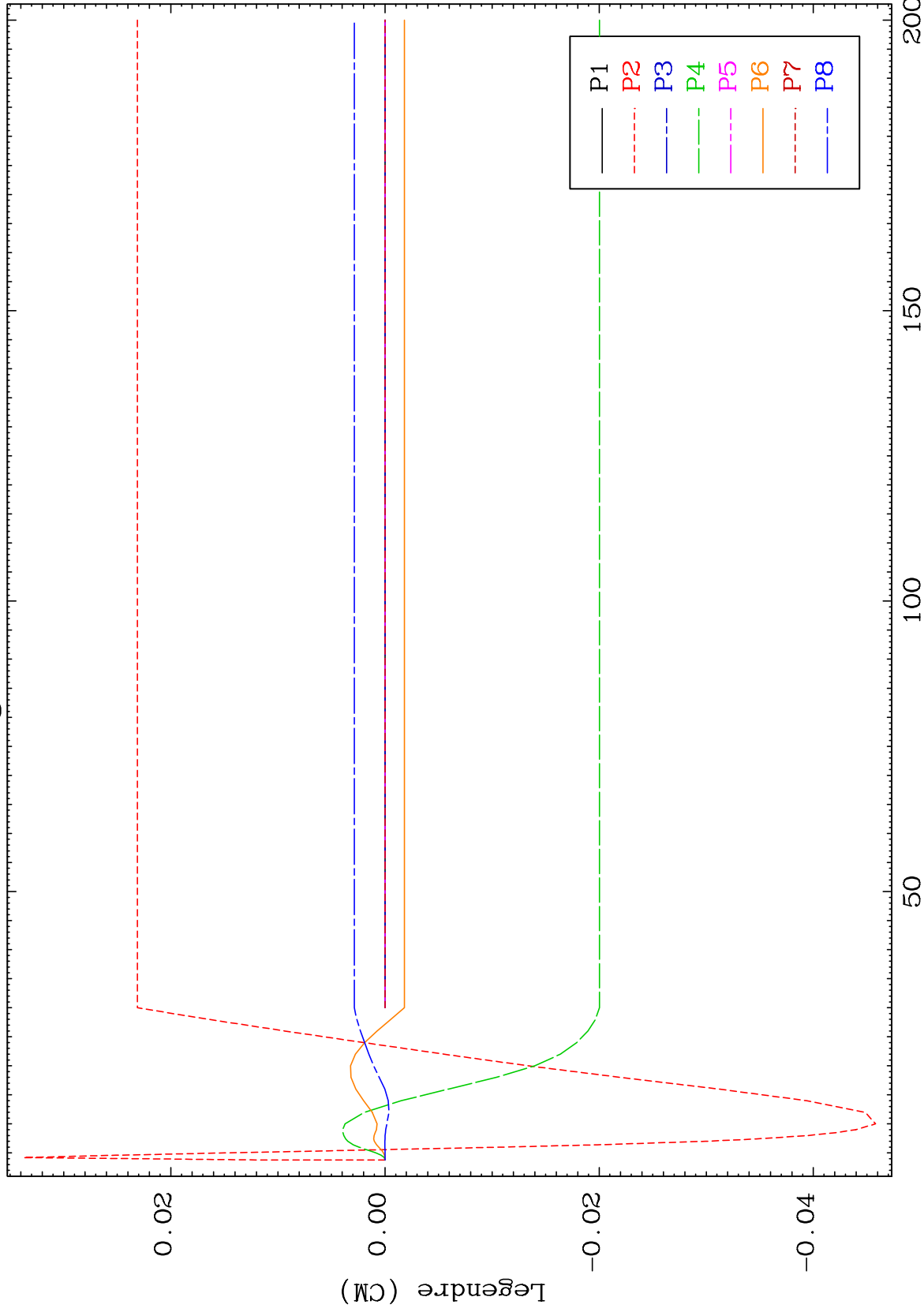


93 28-Ni-70

MAT 2861

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

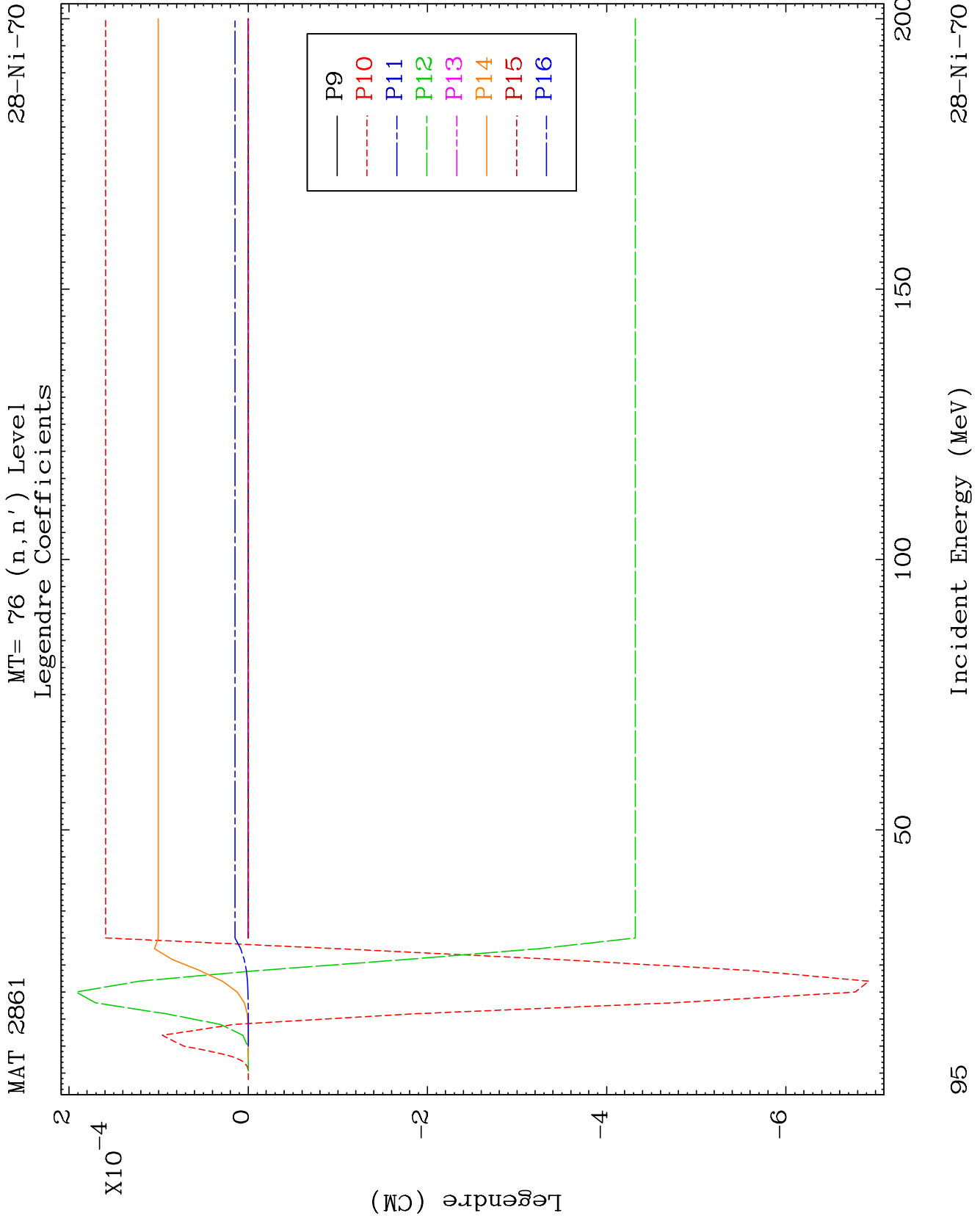
28-Ni-70



94

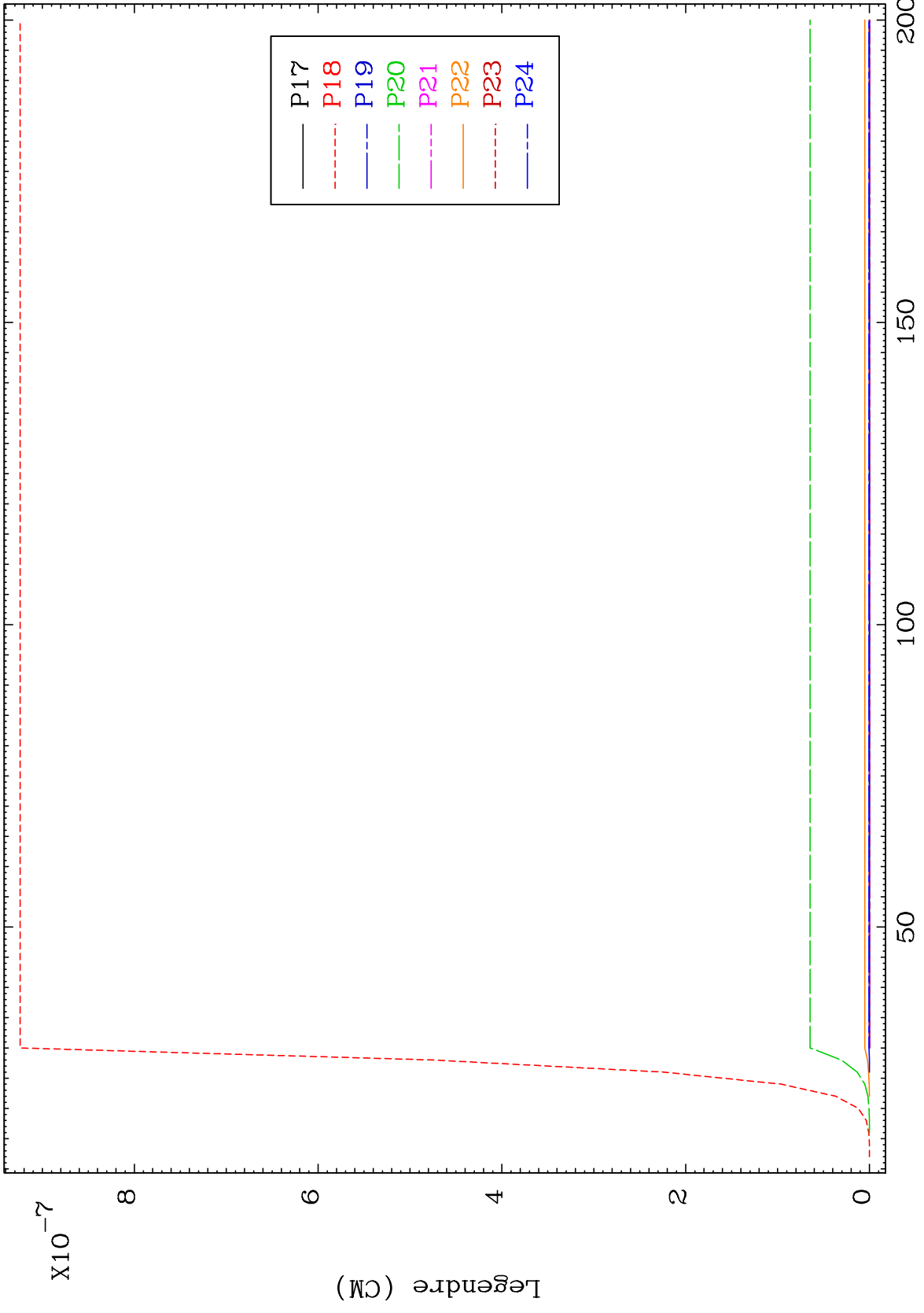
Incident Energy (MeV)

28-Ni-70



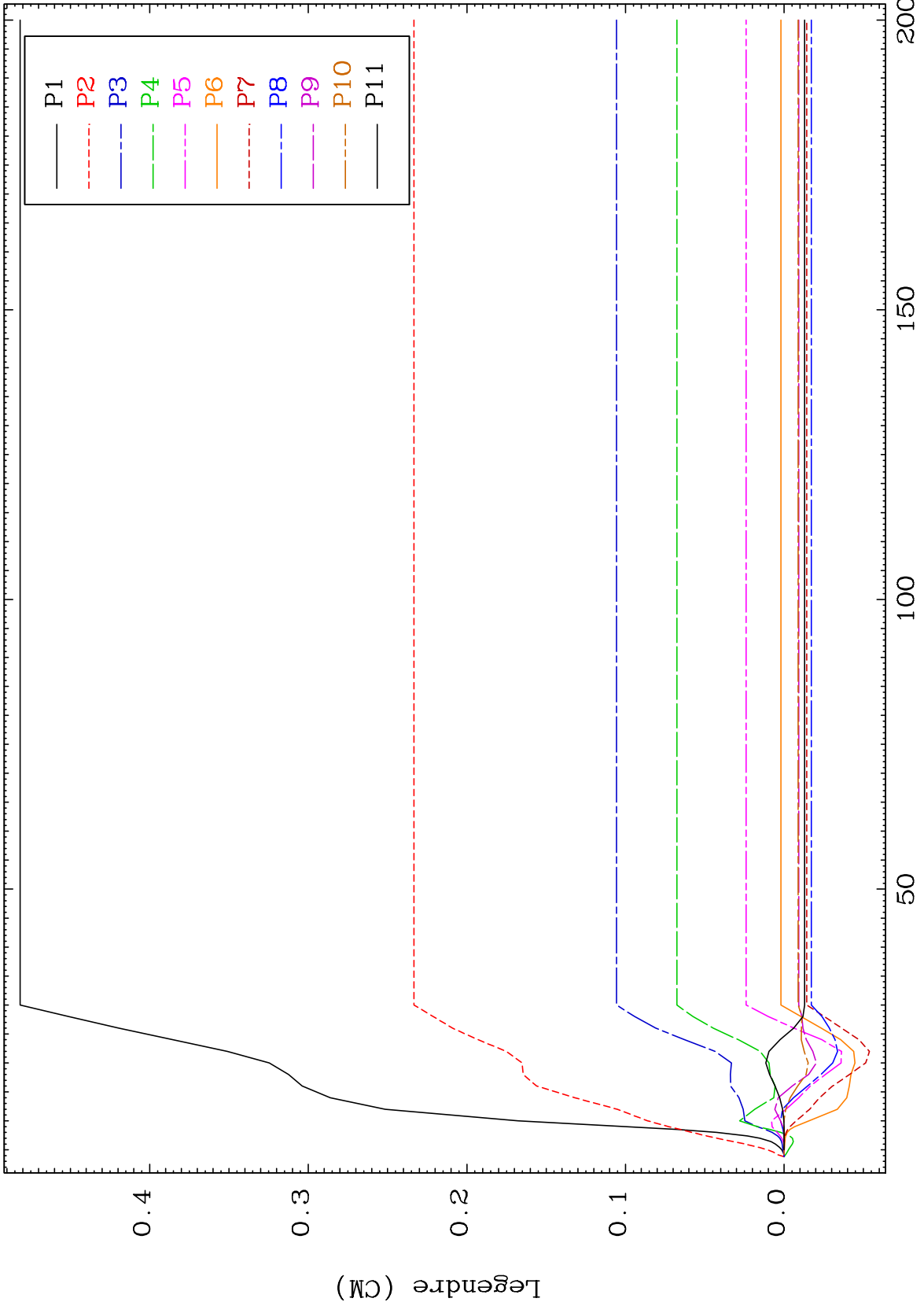


MAT 2861 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-70



96 28-Ni-70

MAT 2861 MT= 77 (n,n') Level Legendre Coefficients 28-Ni-70

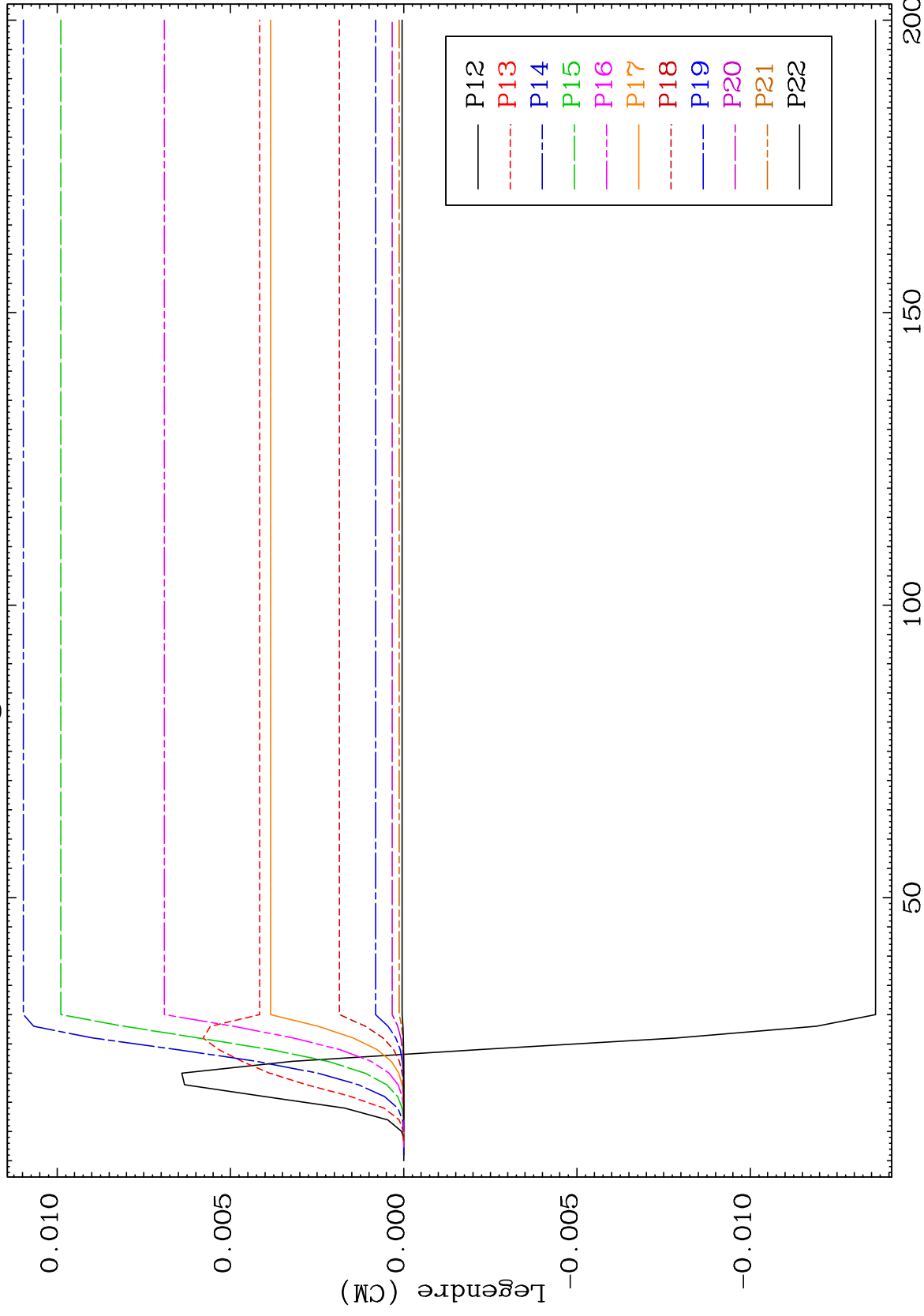


97 28-Ni-70

MAT 2861

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

28-Ni-70



98

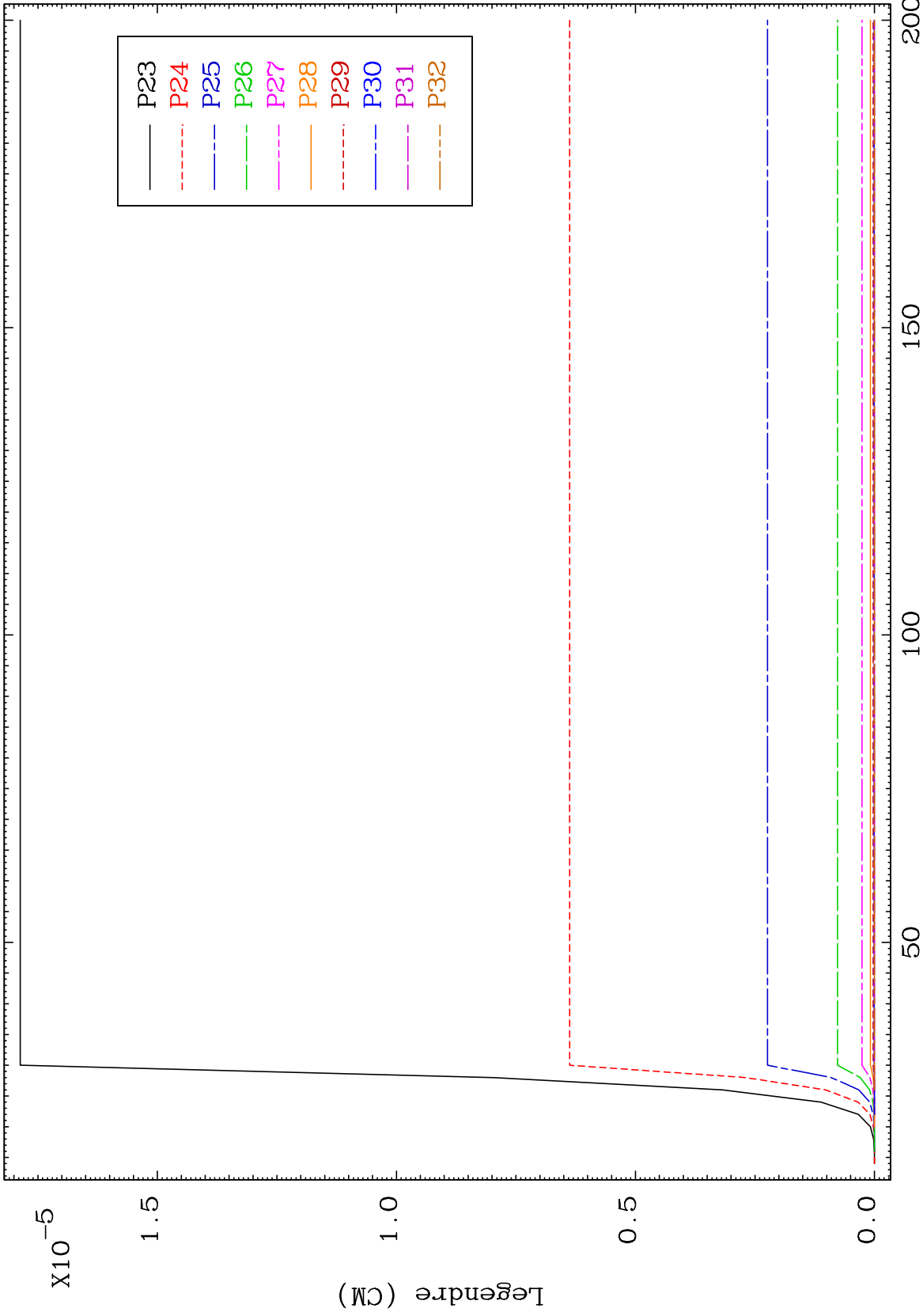
Incident Energy (MeV)

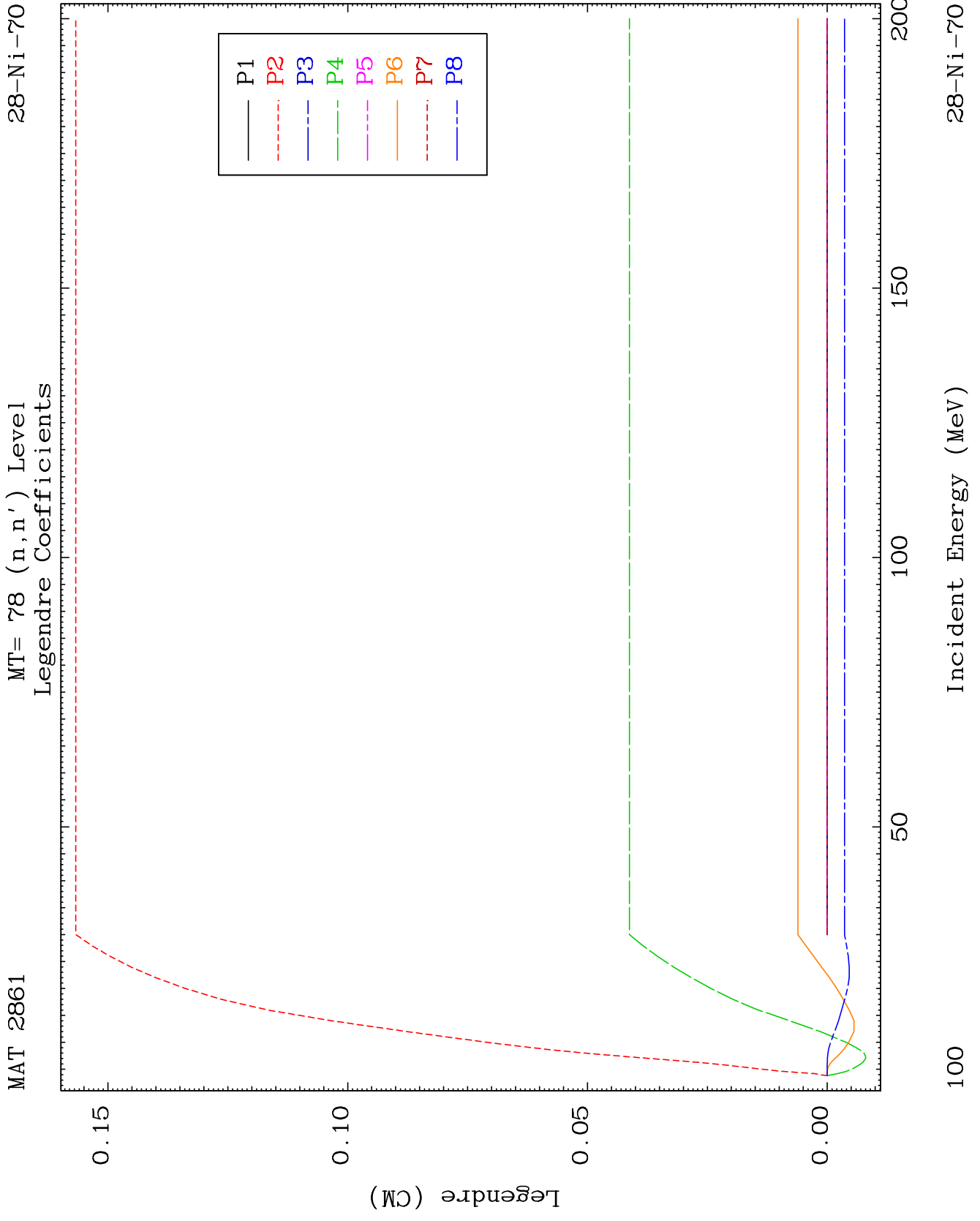
28-Ni-70

MAT 2861

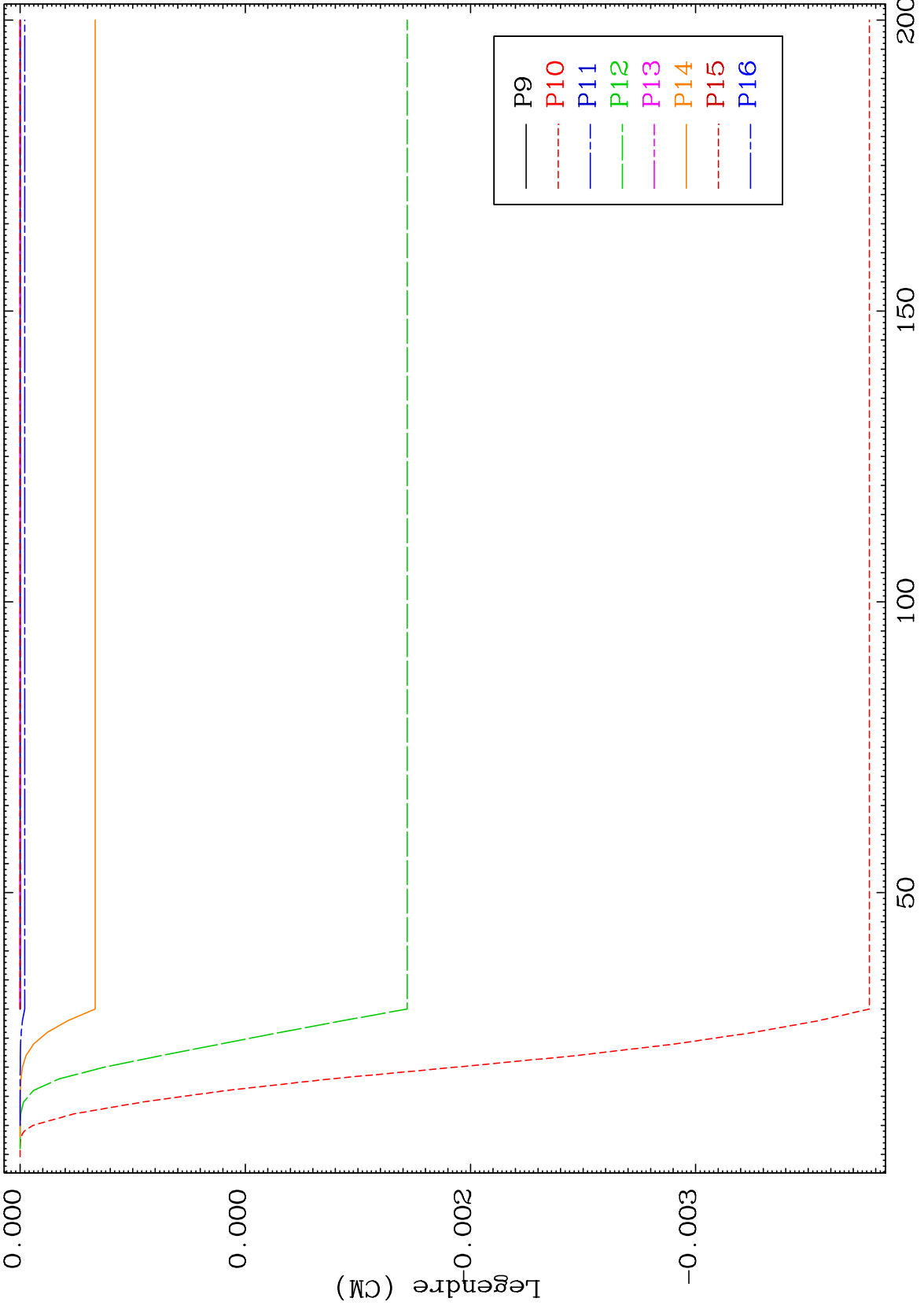
MT= 77 (n,n') Level  
Legendre Coefficients

28-Ni-70



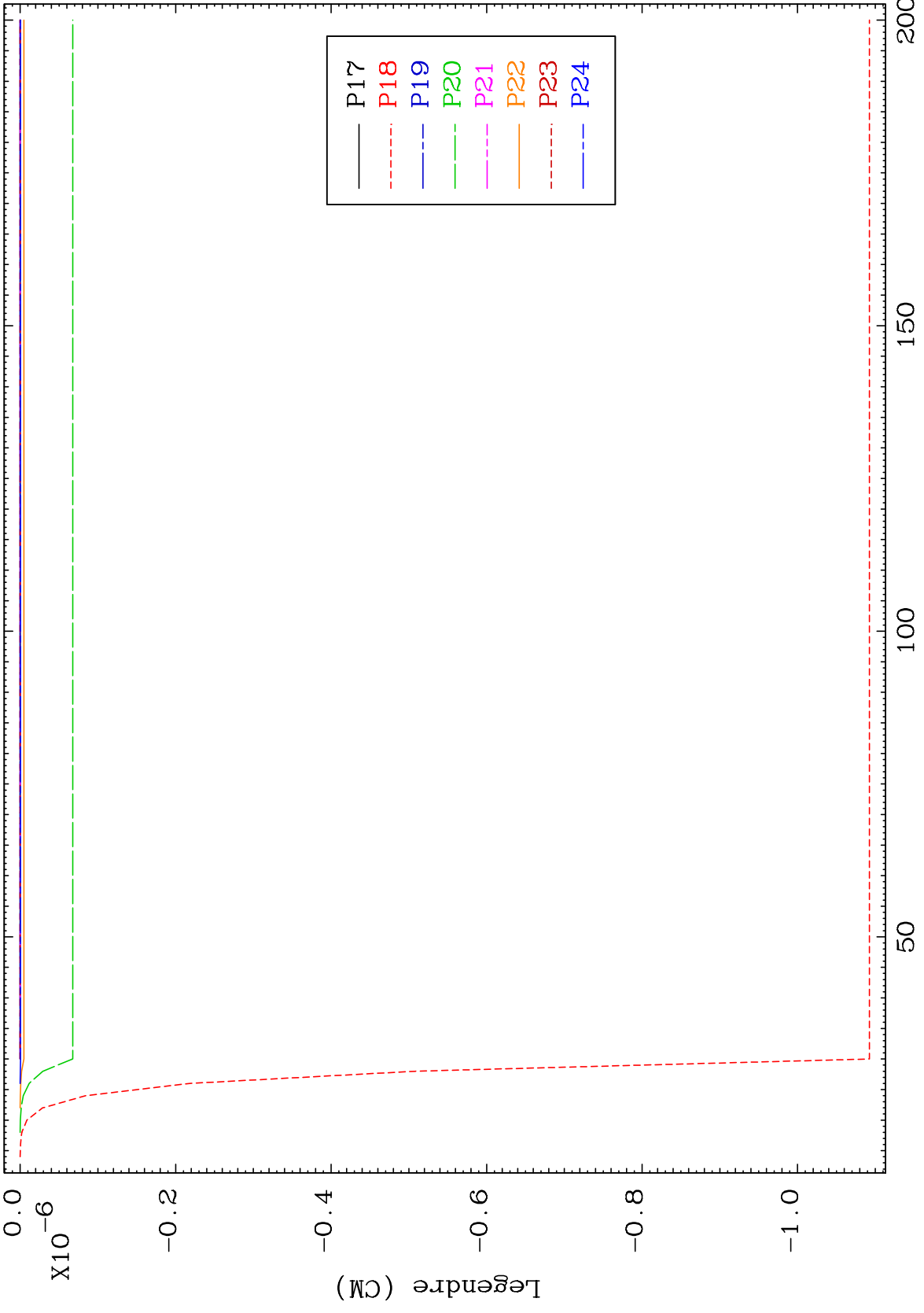


MAT 2861 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-70



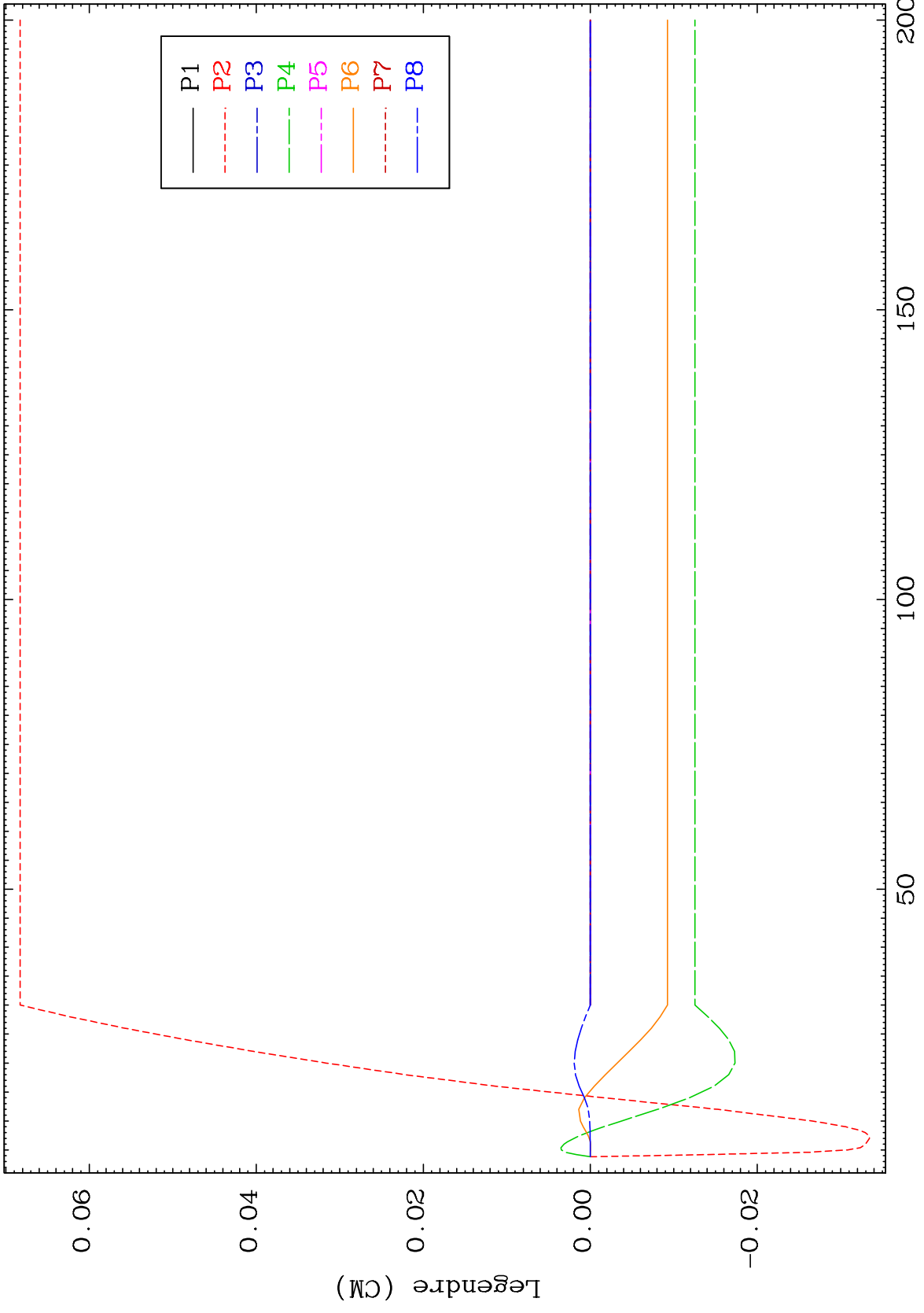
101 28-Ni-70

MAT 2861 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-70



102 Incident Energy (MeV) 28-Ni-70

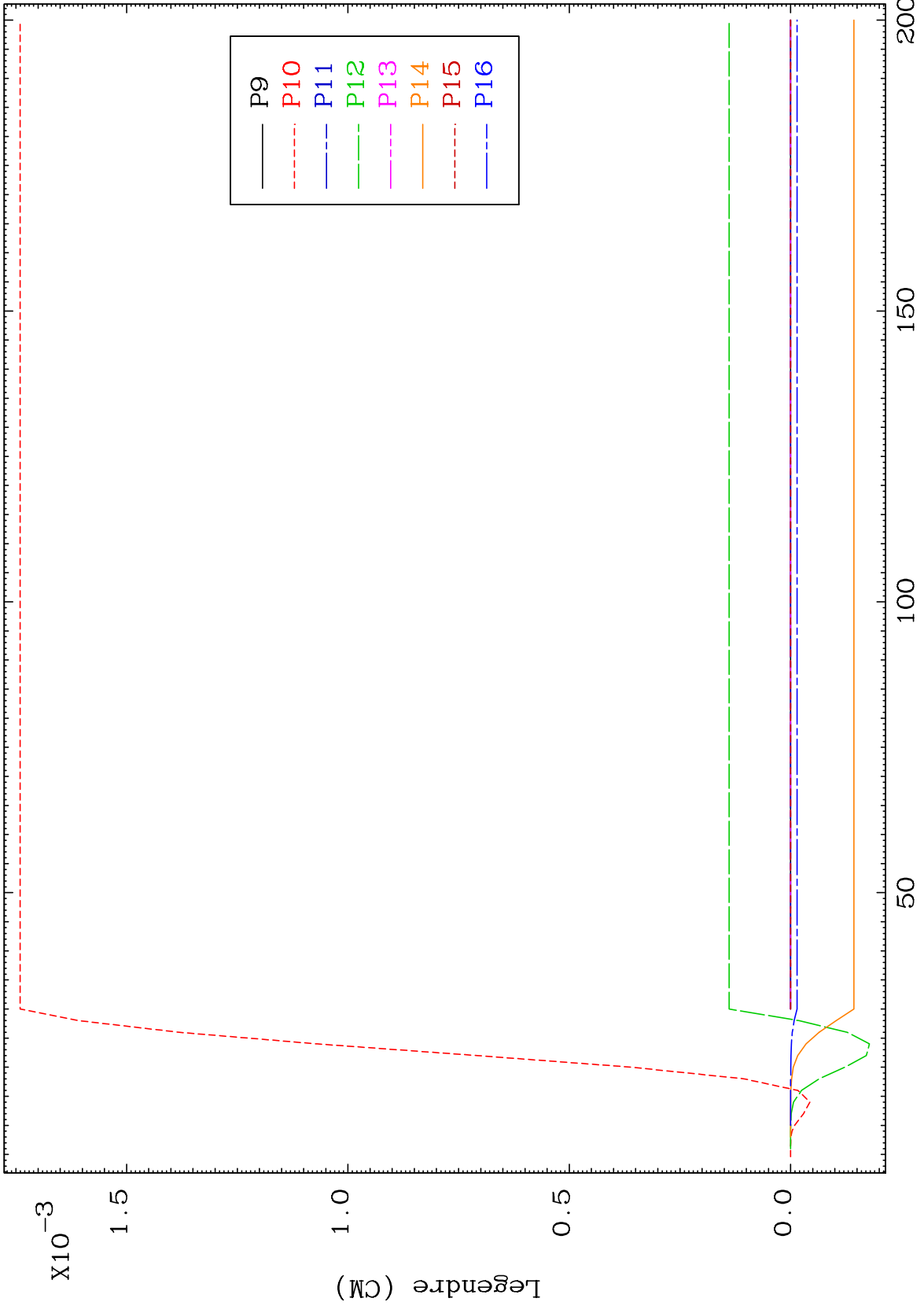
MAT 2861 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-70



103 Incident Energy (MeV) 28-Ni-70

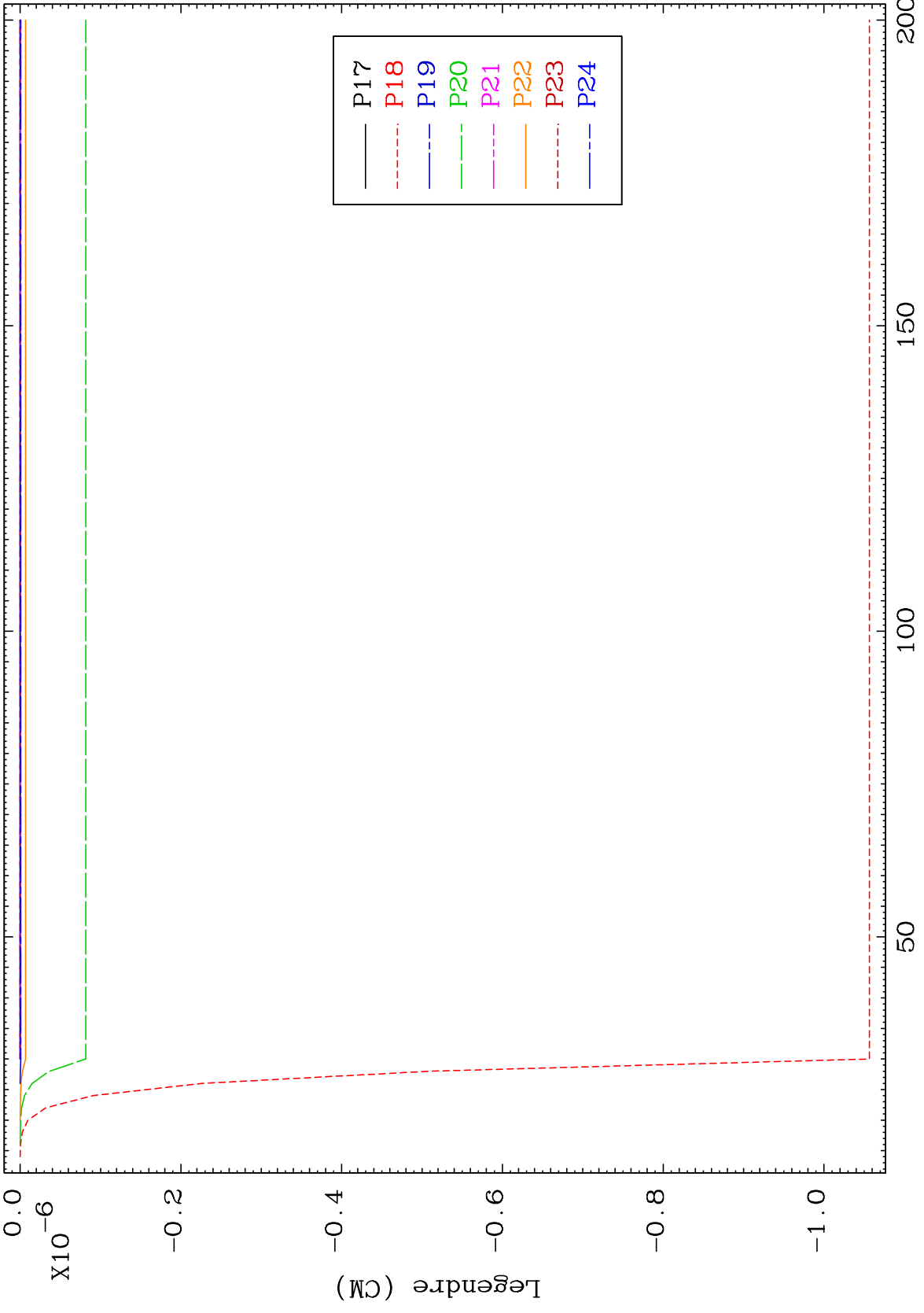


MAT 2861 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-70



104 28-Ni-70

MAT 2861 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-70

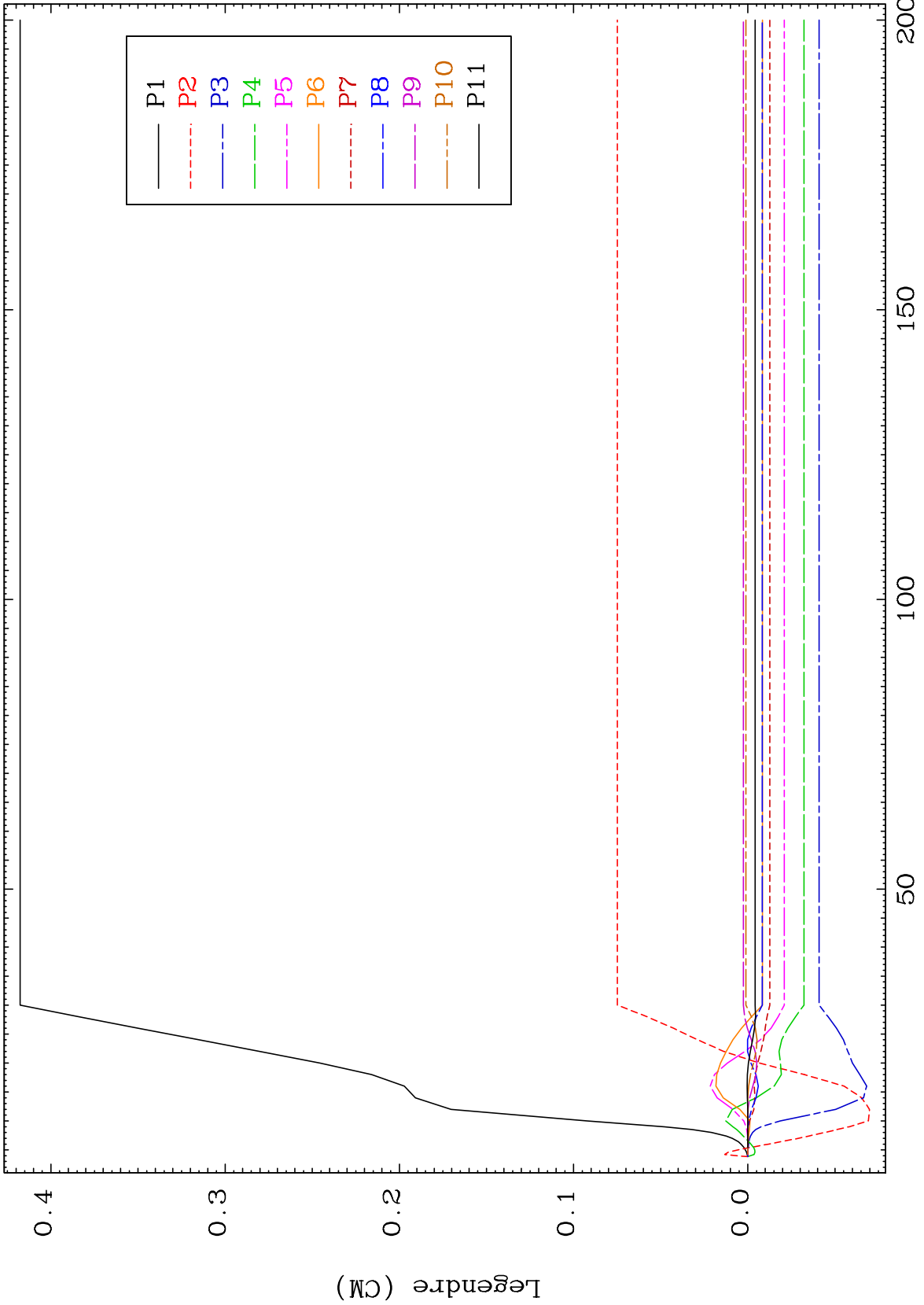


105 50 100 150 200 28-Ni-70

MAT 2861 MT= 80 (n,n') Level Legendre Coefficients

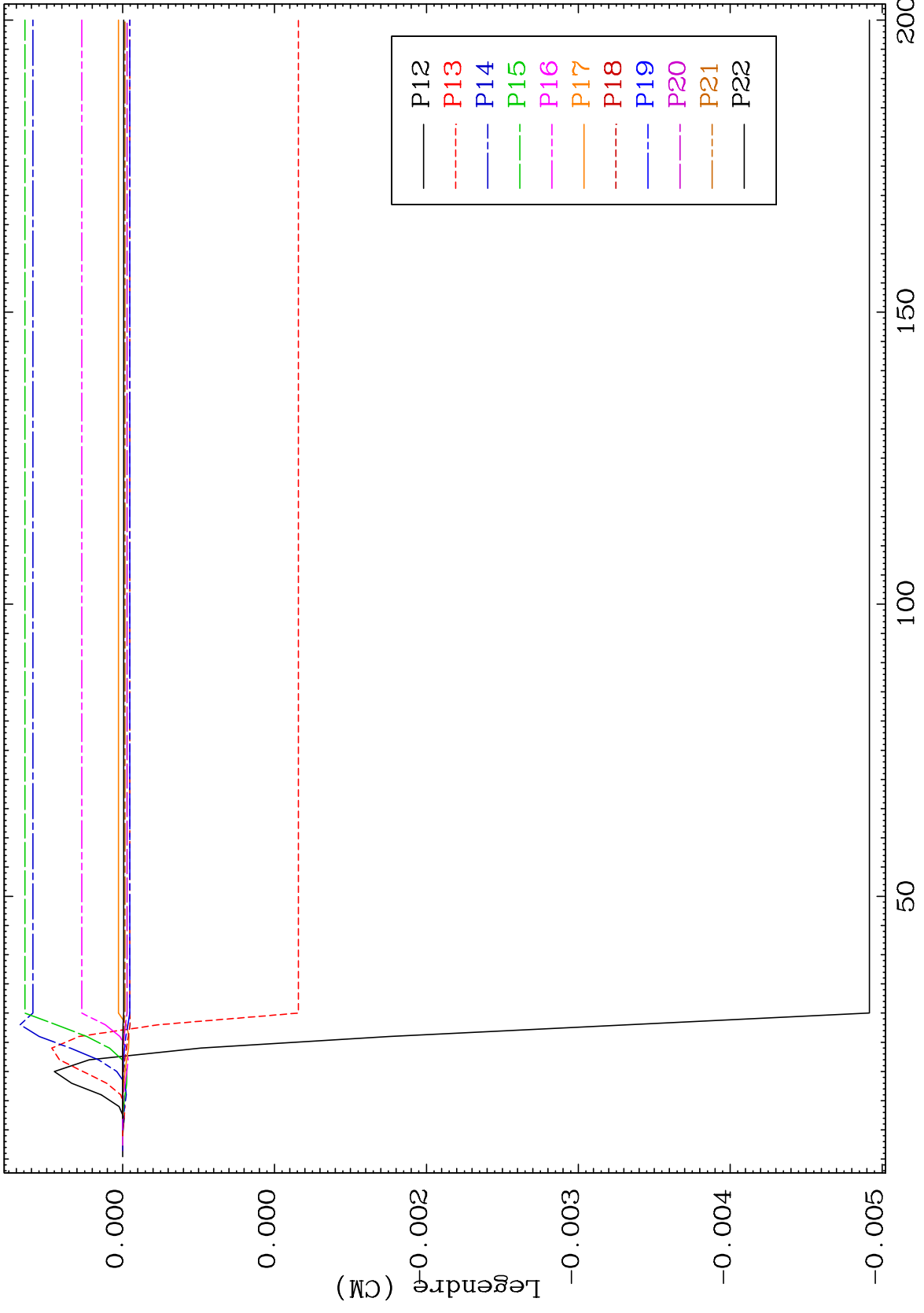
28-Ni-70

28-Ni-70



106

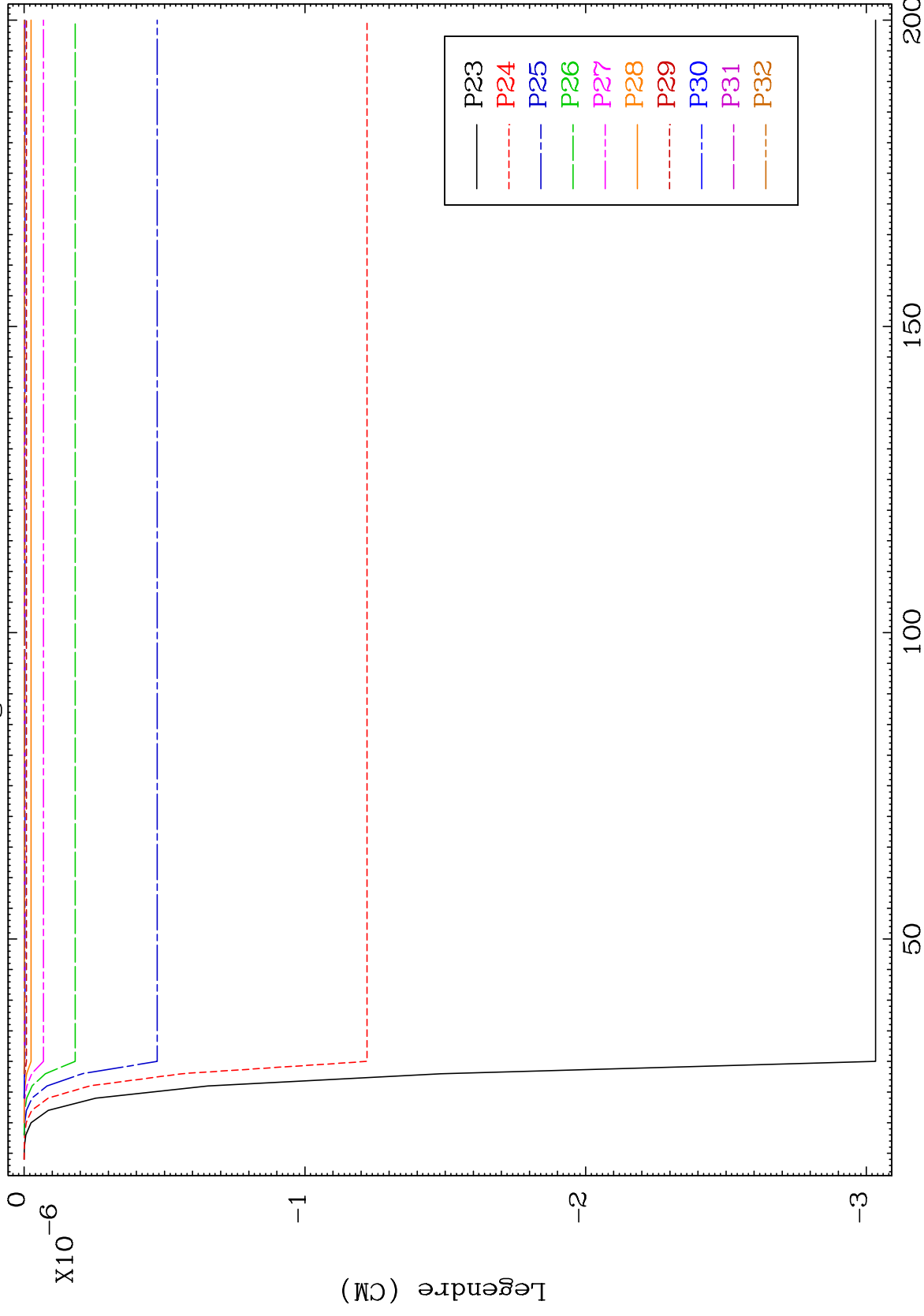
MAT 2861 MT= 80 (n,n') Level Legendre Coefficients 28-Ni-70



MAT 2861

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

28-Ni-70



108

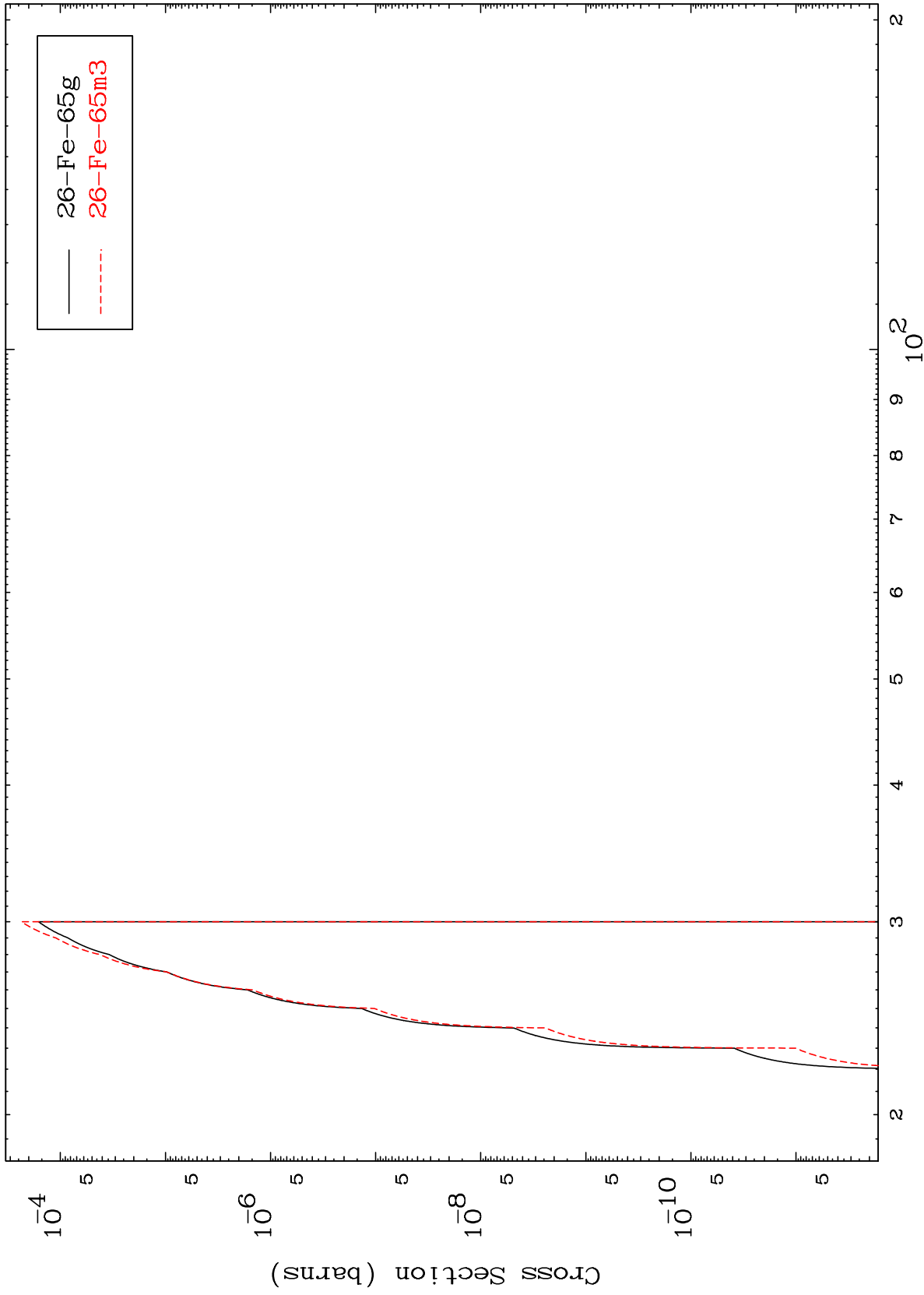
28-Ni-70

MAT 2861

(n,2n)  $\alpha$

<sup>28</sup>Ni-70

Radionuclide Production Cross Section



109

Incident Energy (MeV)

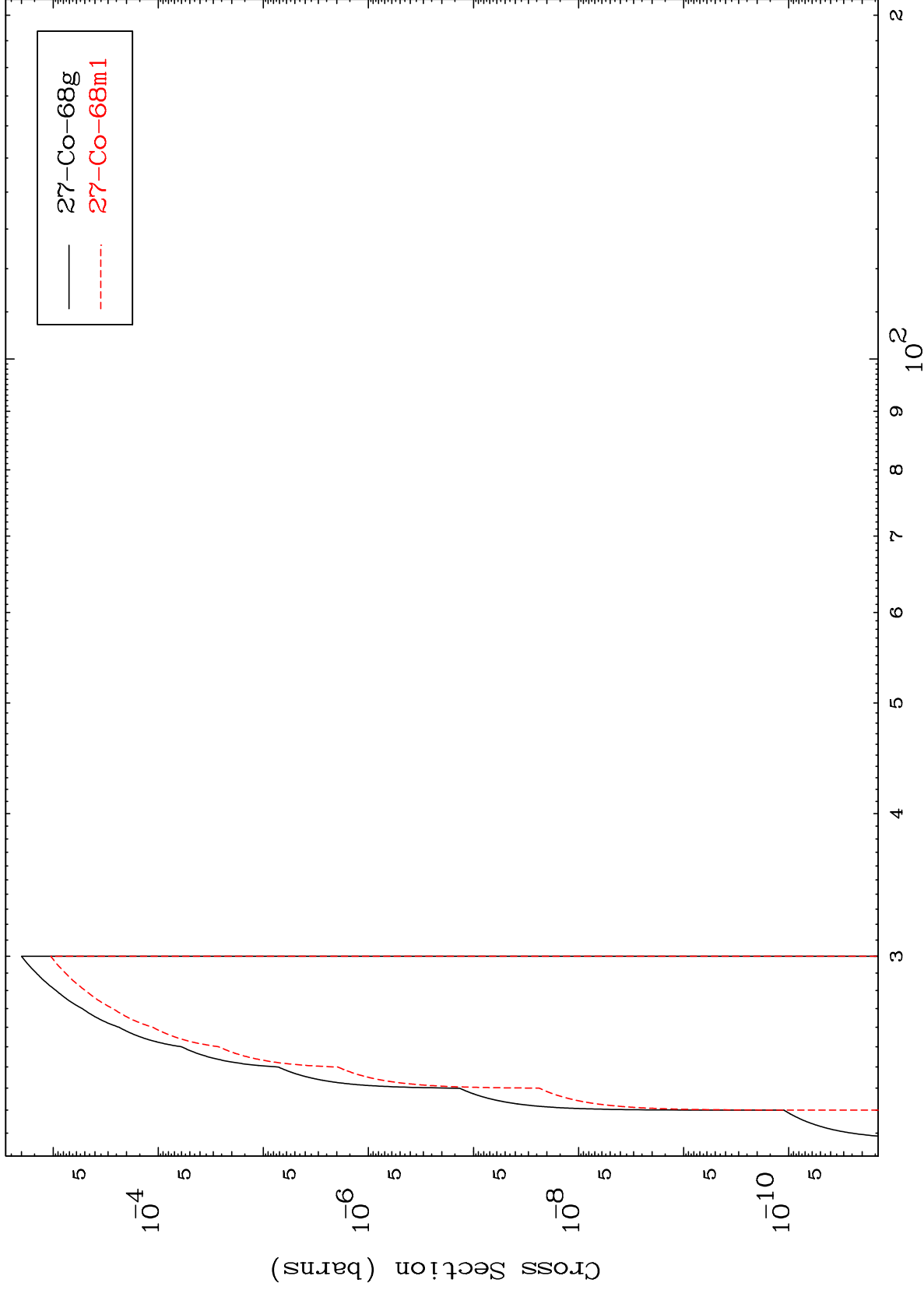
<sup>28</sup>Ni-70

MAT 2861

(n,n') d

<sup>28</sup>Ni-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

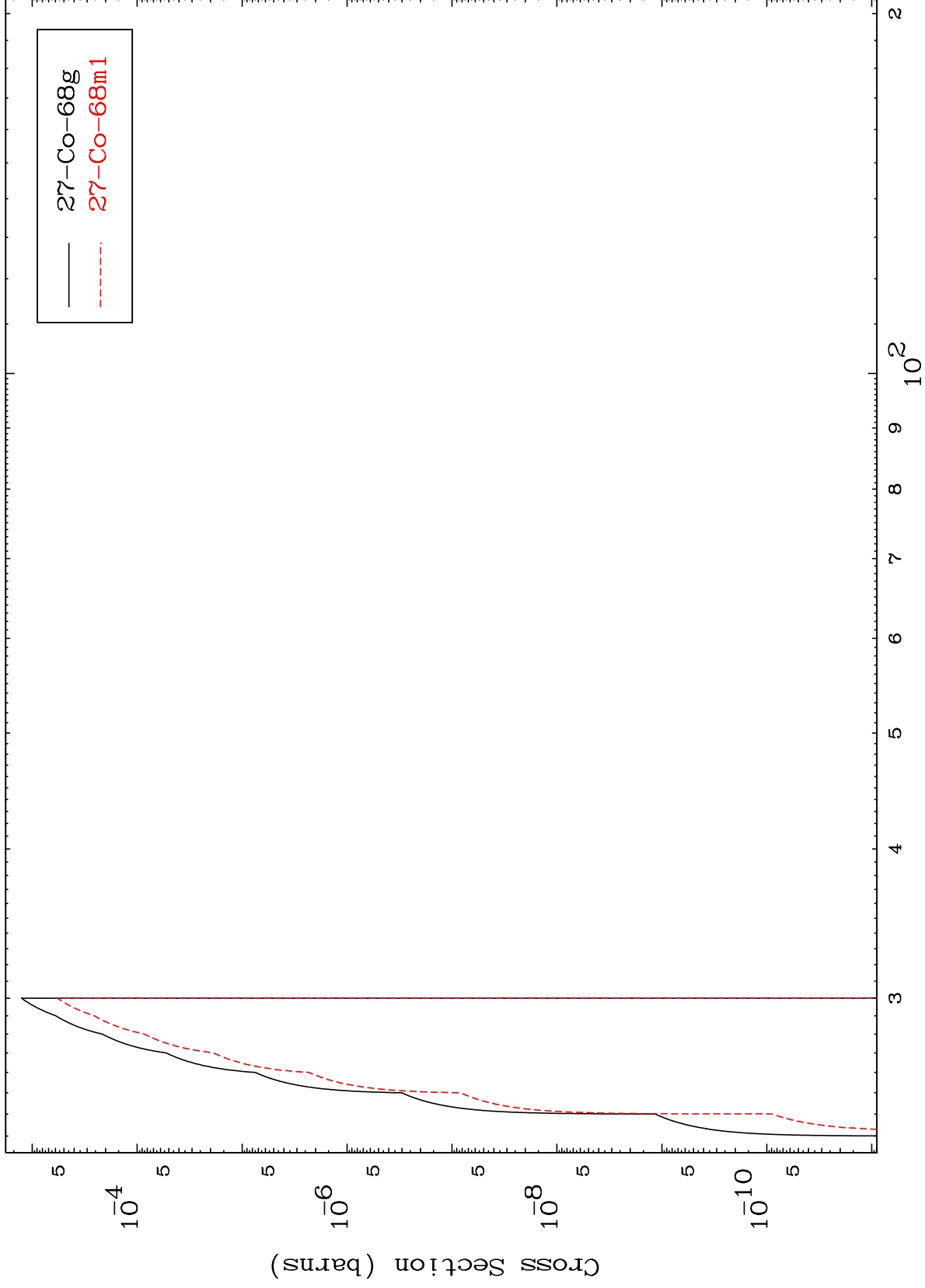
<sup>28</sup>Ni-70

MAT 2861

(n,2n) p

<sup>28</sup>Ni-70

Radionuclide Production Cross Section



111

Incident Energy (MeV)

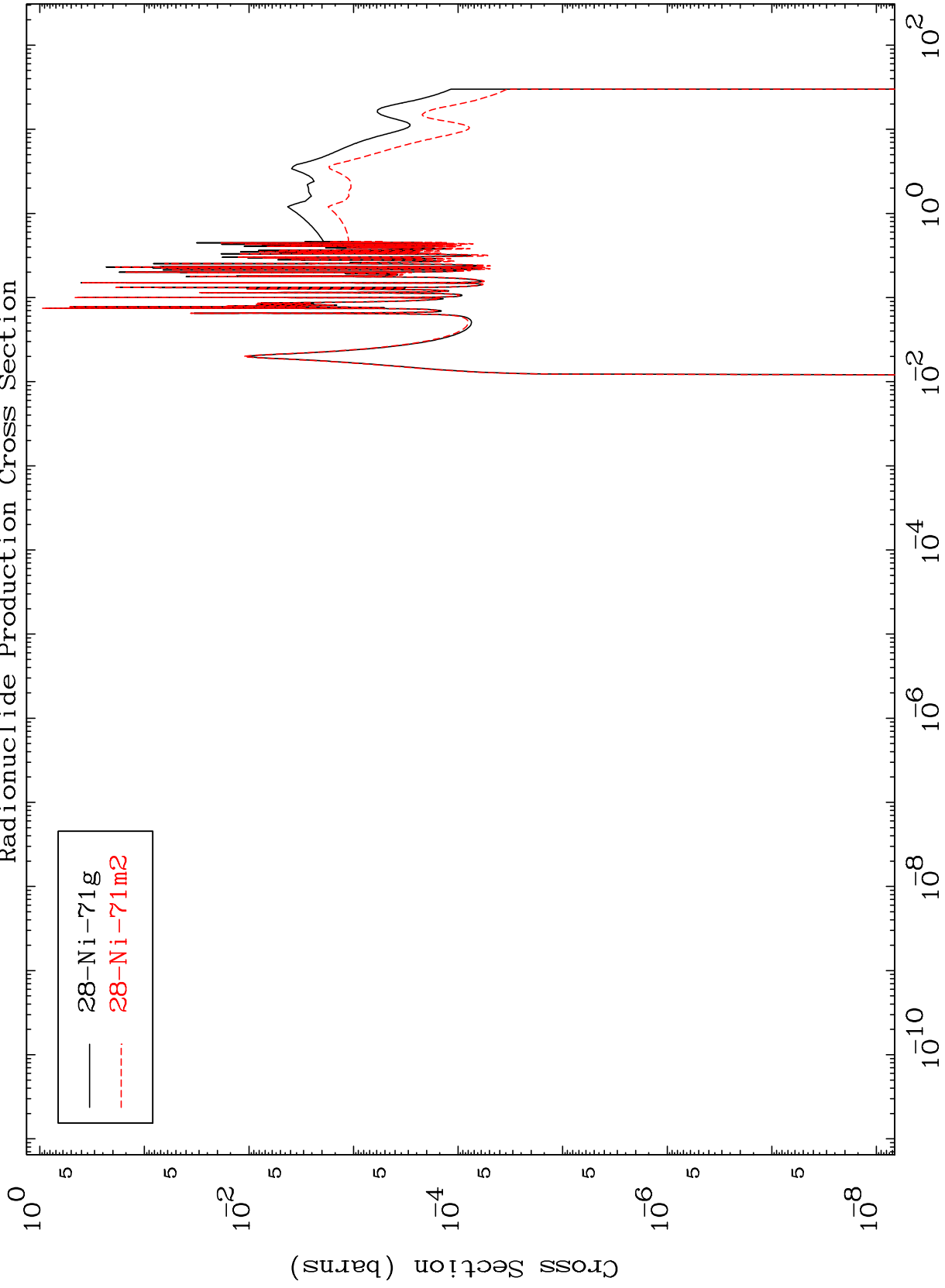
<sup>28</sup>Ni-70



MAT 2861

<sup>28</sup>Ni-70

Radionuclide Production Cross Section  
(n,γ)



112

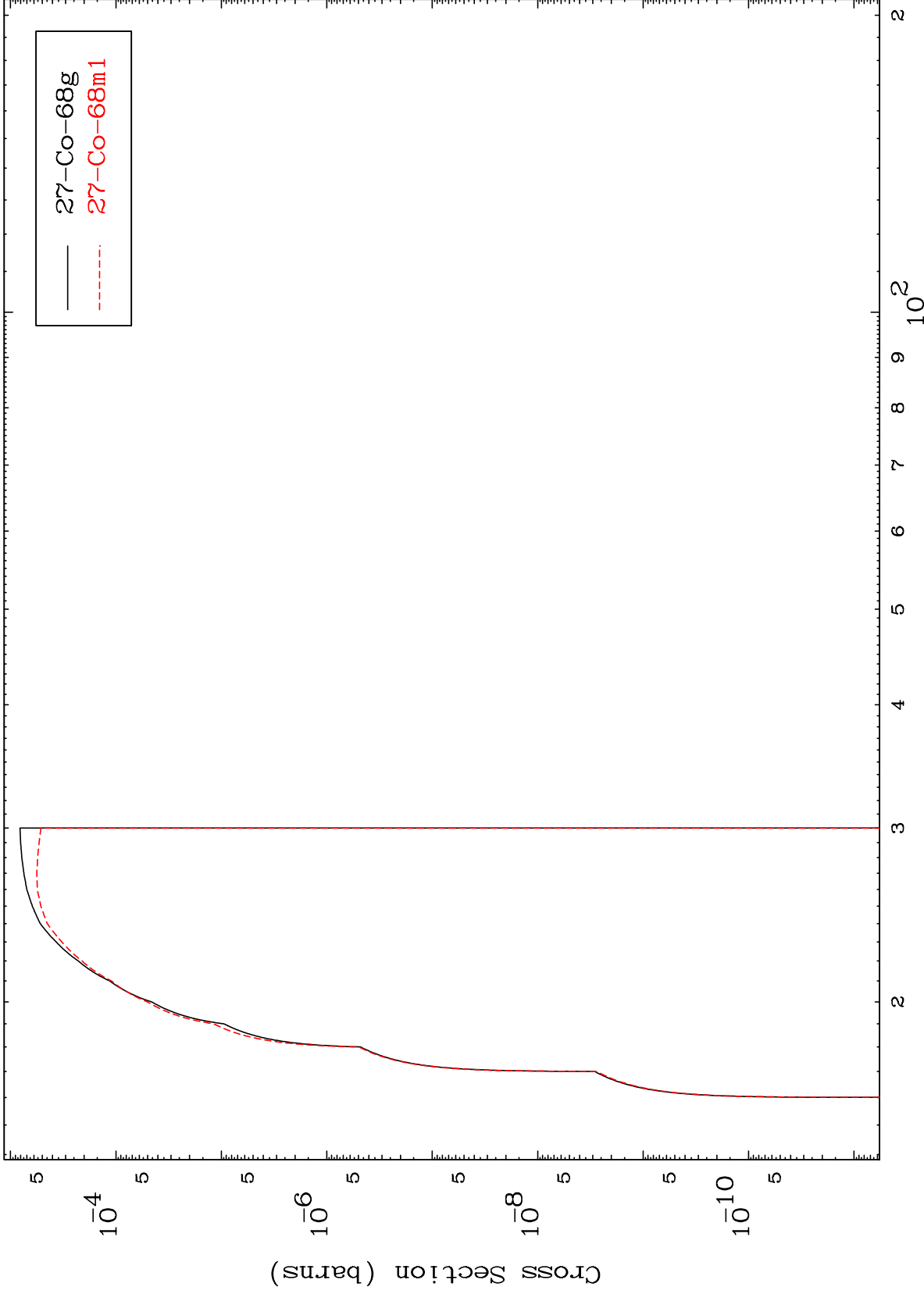
<sup>28</sup>Ni-70

MAT 2861

(n, t)

<sup>28</sup>Ni-70

Radionuclide Production Cross Section



113

Incident Energy (MeV)

<sup>28</sup>Ni-70