

Program EVALPLOT  
(Version 2018-1)

by

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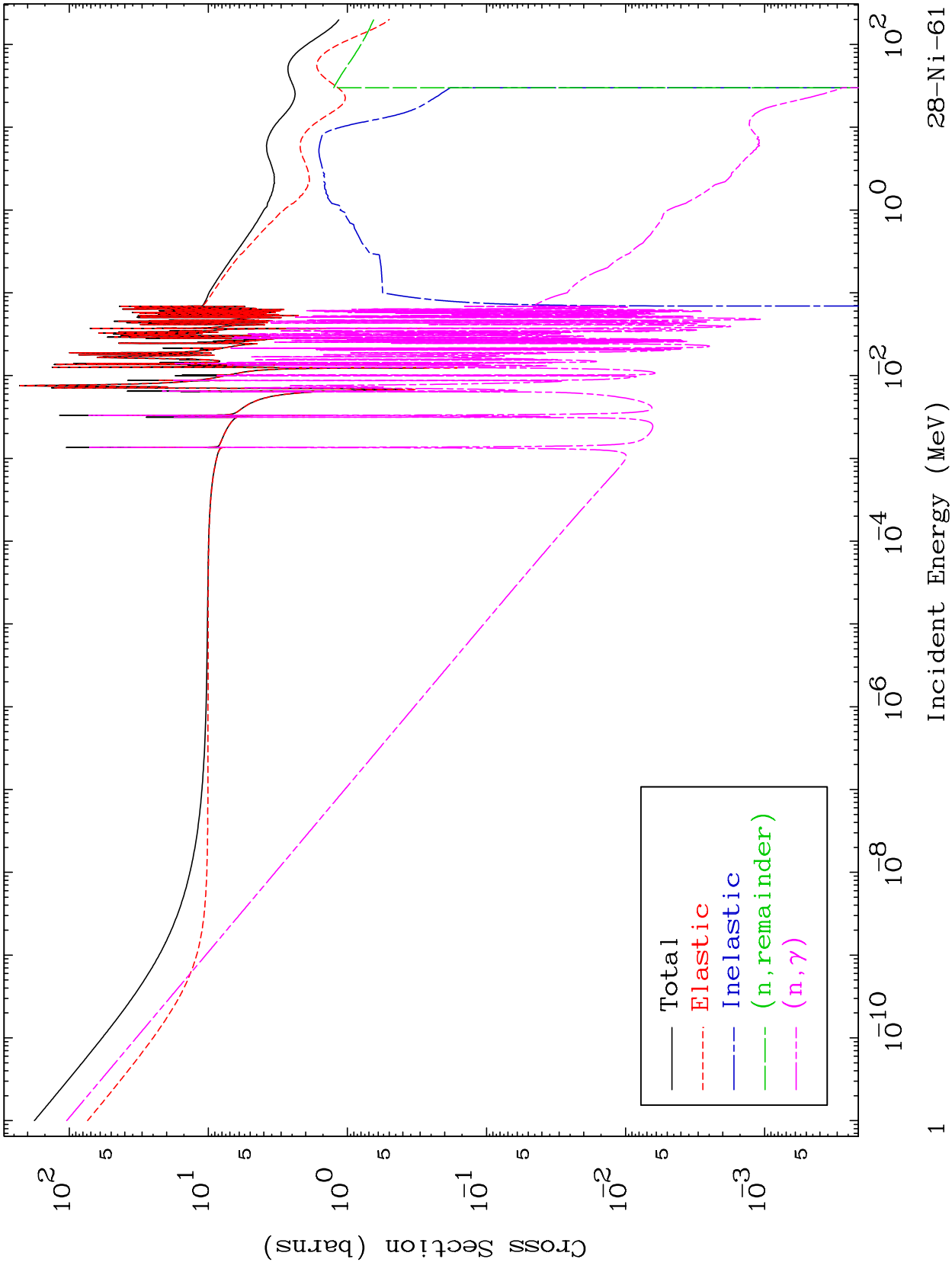
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2834

Major  
293 Kelvin Cross Sections

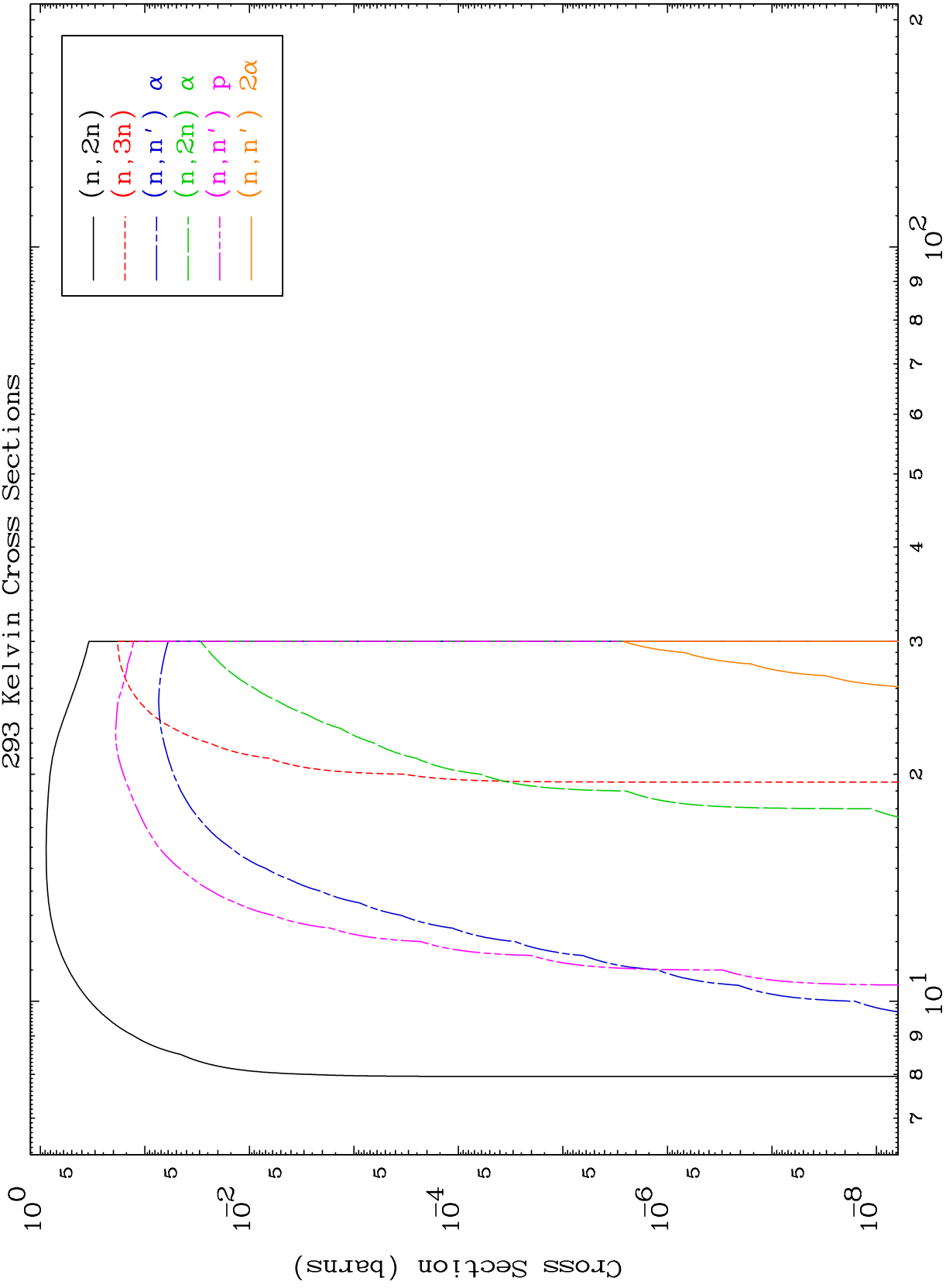
28-Ni-61



MAT 2834

Neutron Production  
293 Kelvin Cross Sections

28-Ni-61



2

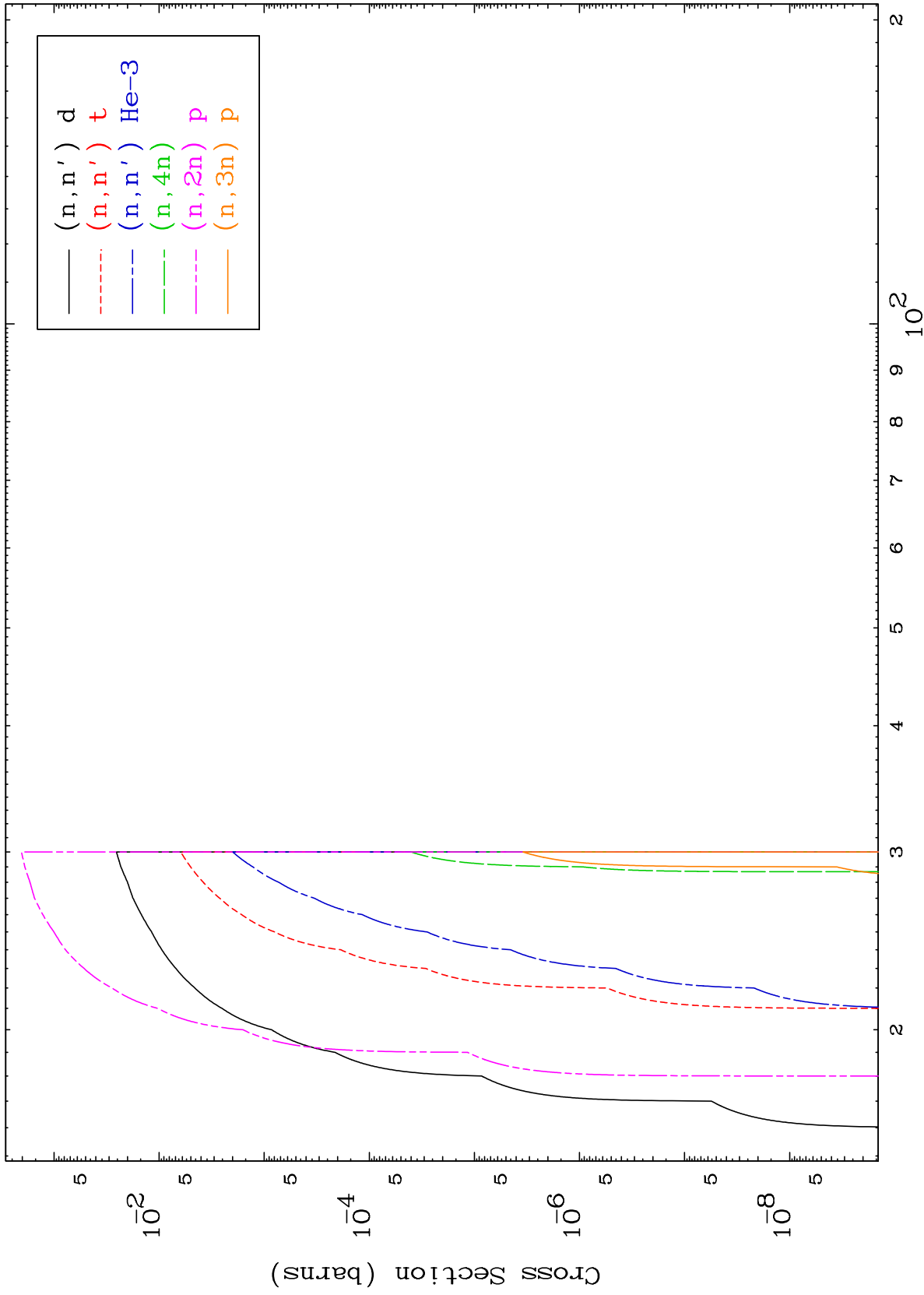
Incident Energy (MeV)

28-Ni-61

MAT 2834

Neutron Production  
293 Kelvin Cross Sections

28-Ni-61



3

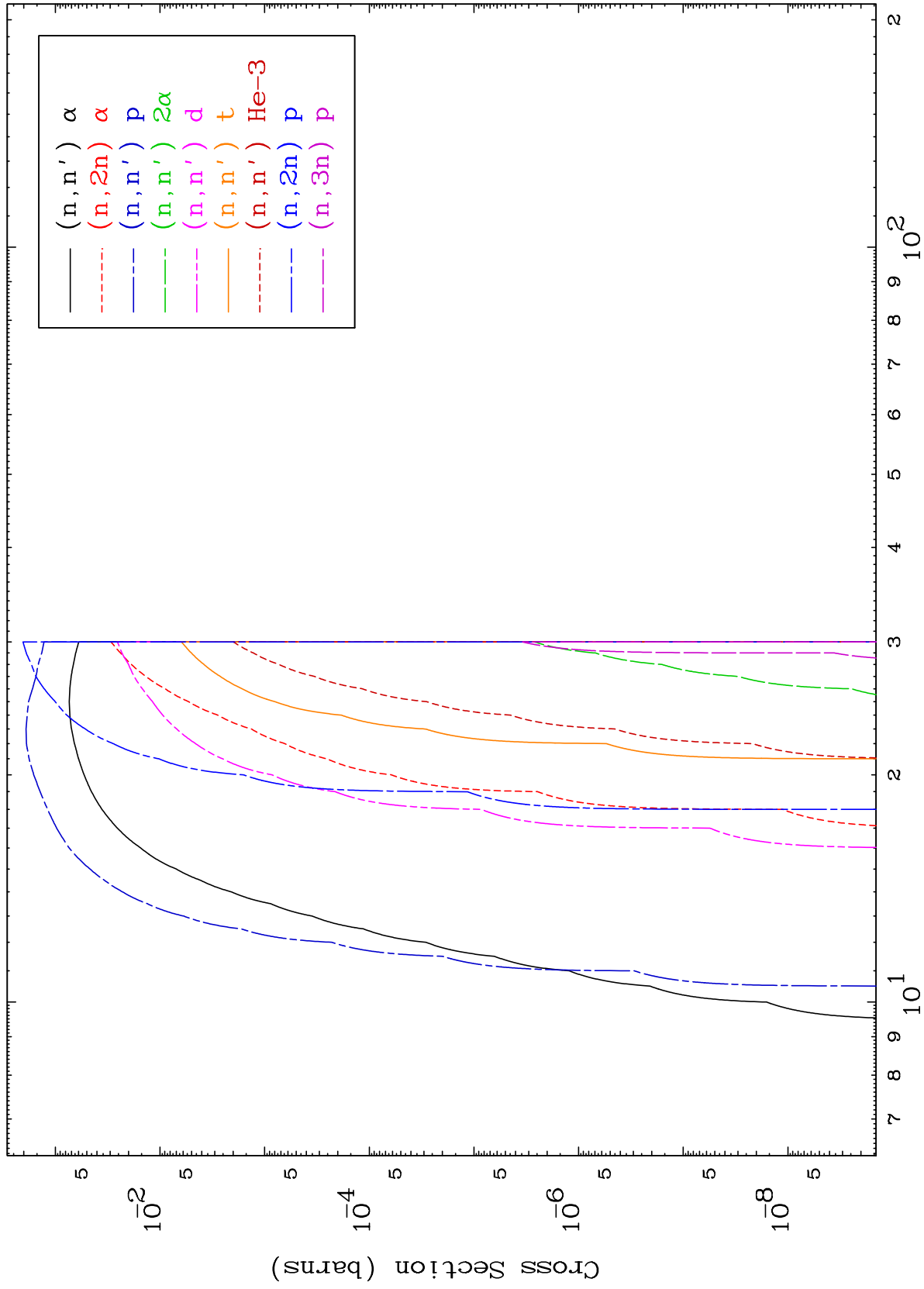
Incident Energy (MeV)

28-Ni-61

MAT 2834

Charged Particle  
293 Kelvin Cross Sections

28-Ni-61



4

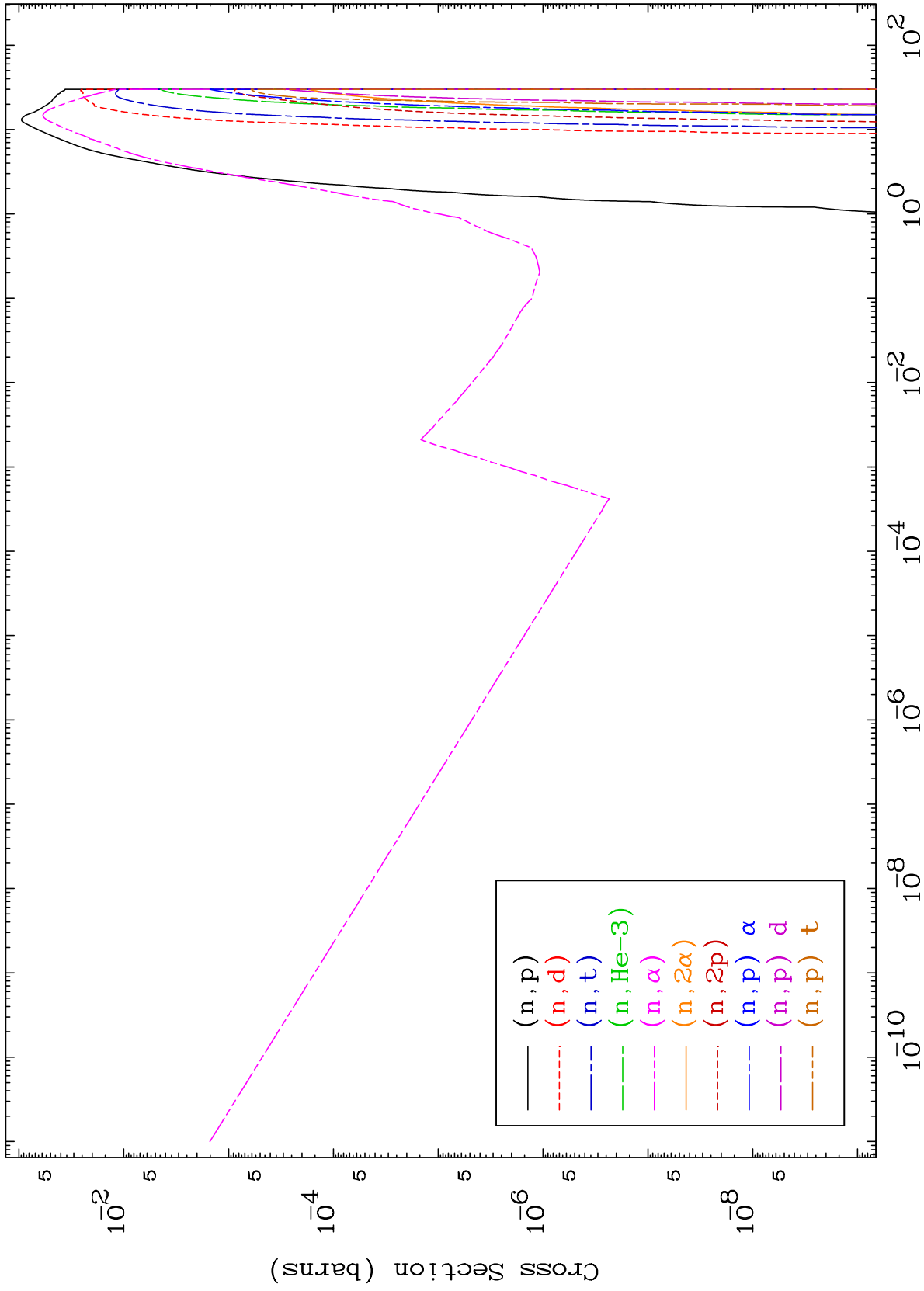
Incident Energy (MeV)

28-Ni-61

MAT 2834

Charged Particle  
293 Kelvin Cross Sections

28-Ni-61



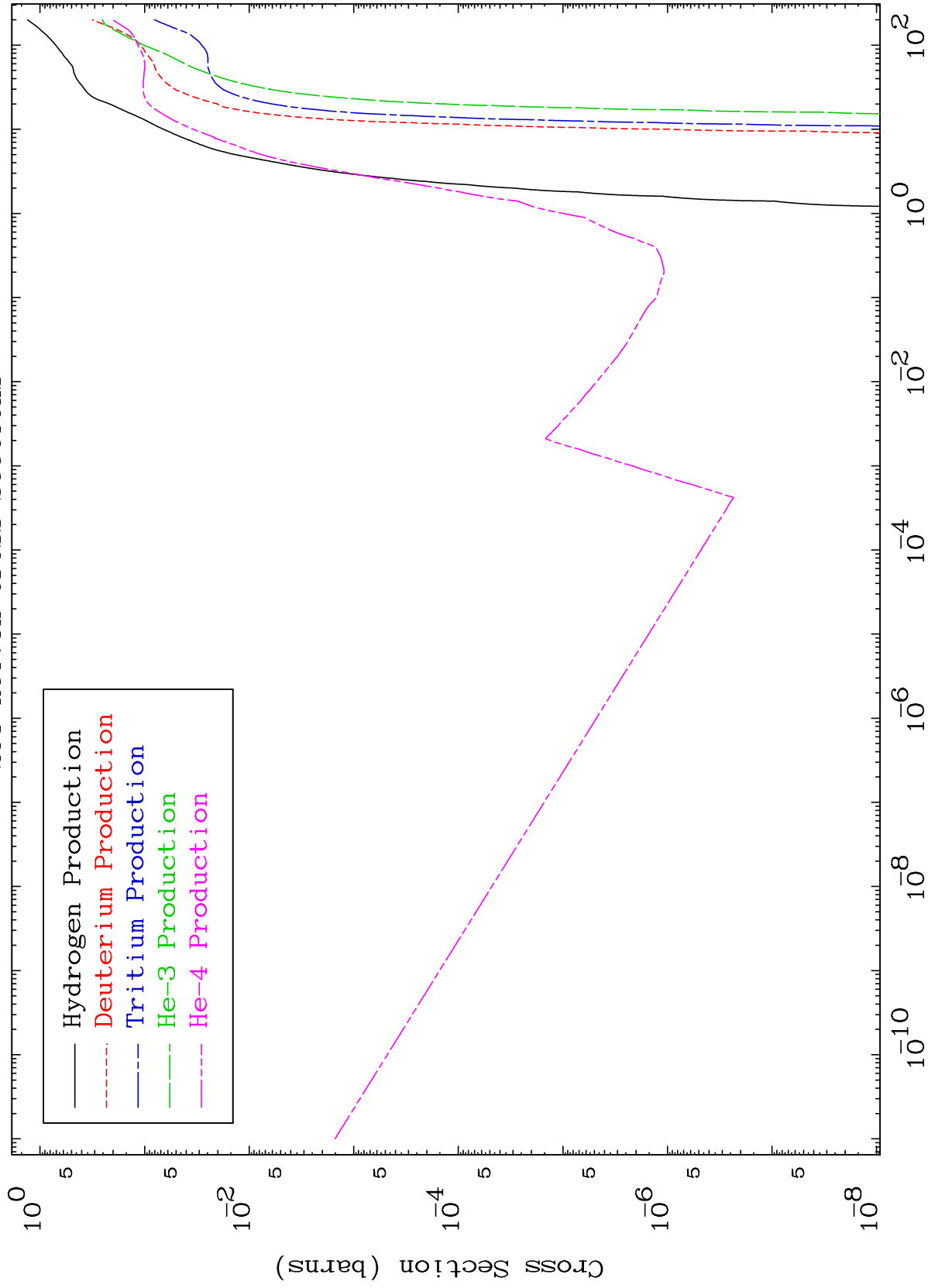
5

28-Ni-61

MAT 2834

Particle Production  
293 Kelvin Cross Sections

28-Ni-61



6

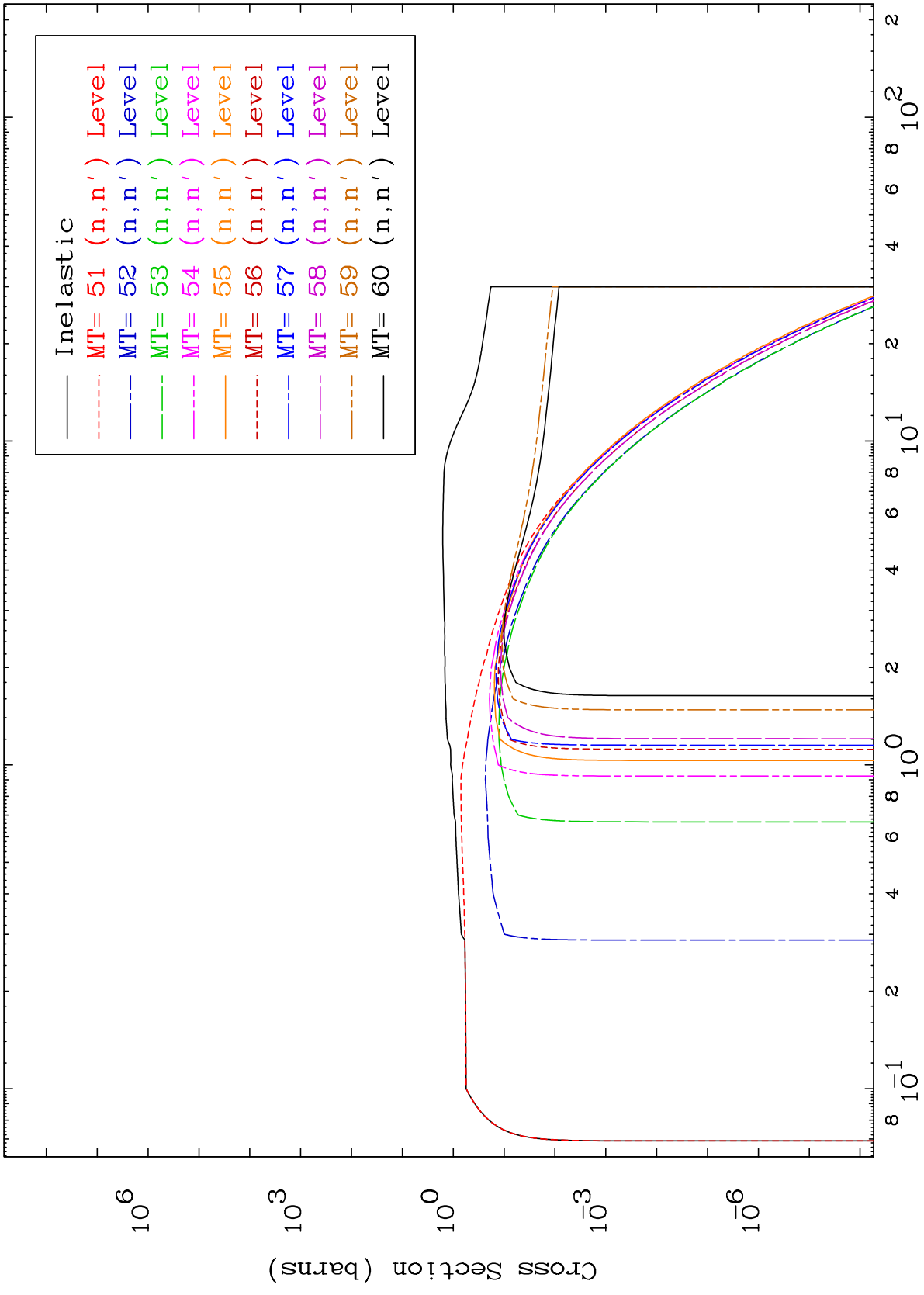
28-Ni-61

MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



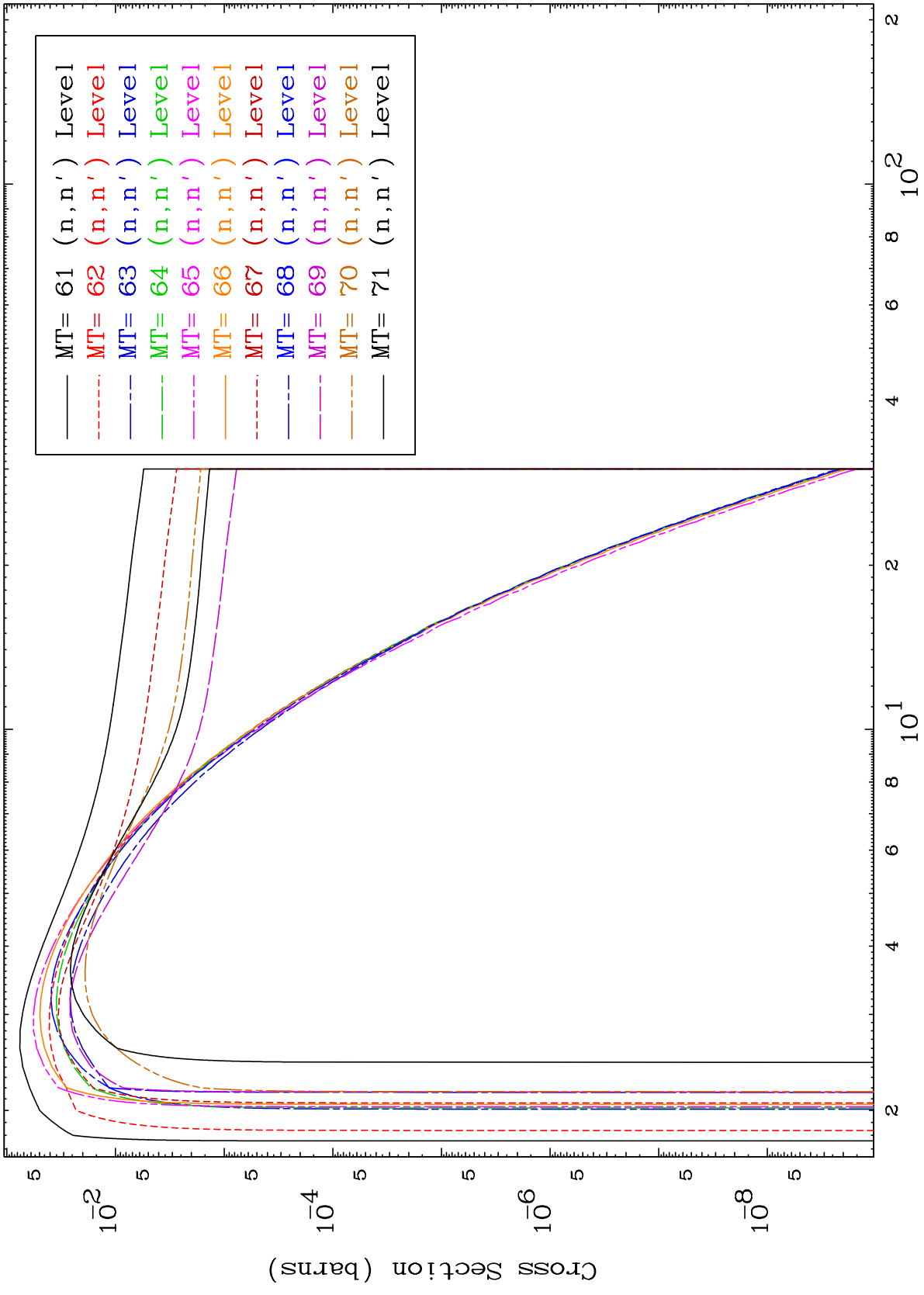


MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



8

Incident Energy (MeV)

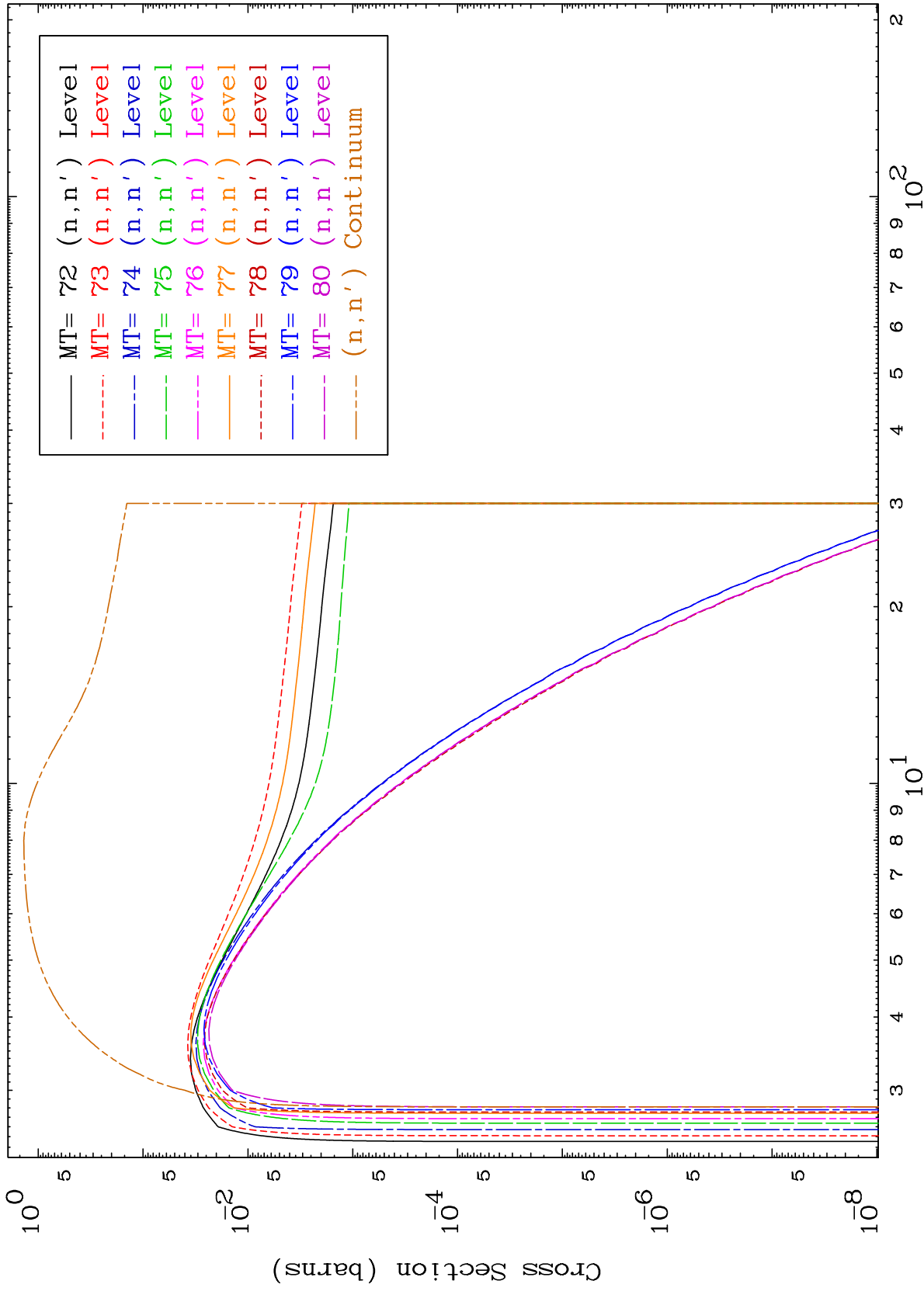
28-Ni-61

MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



9

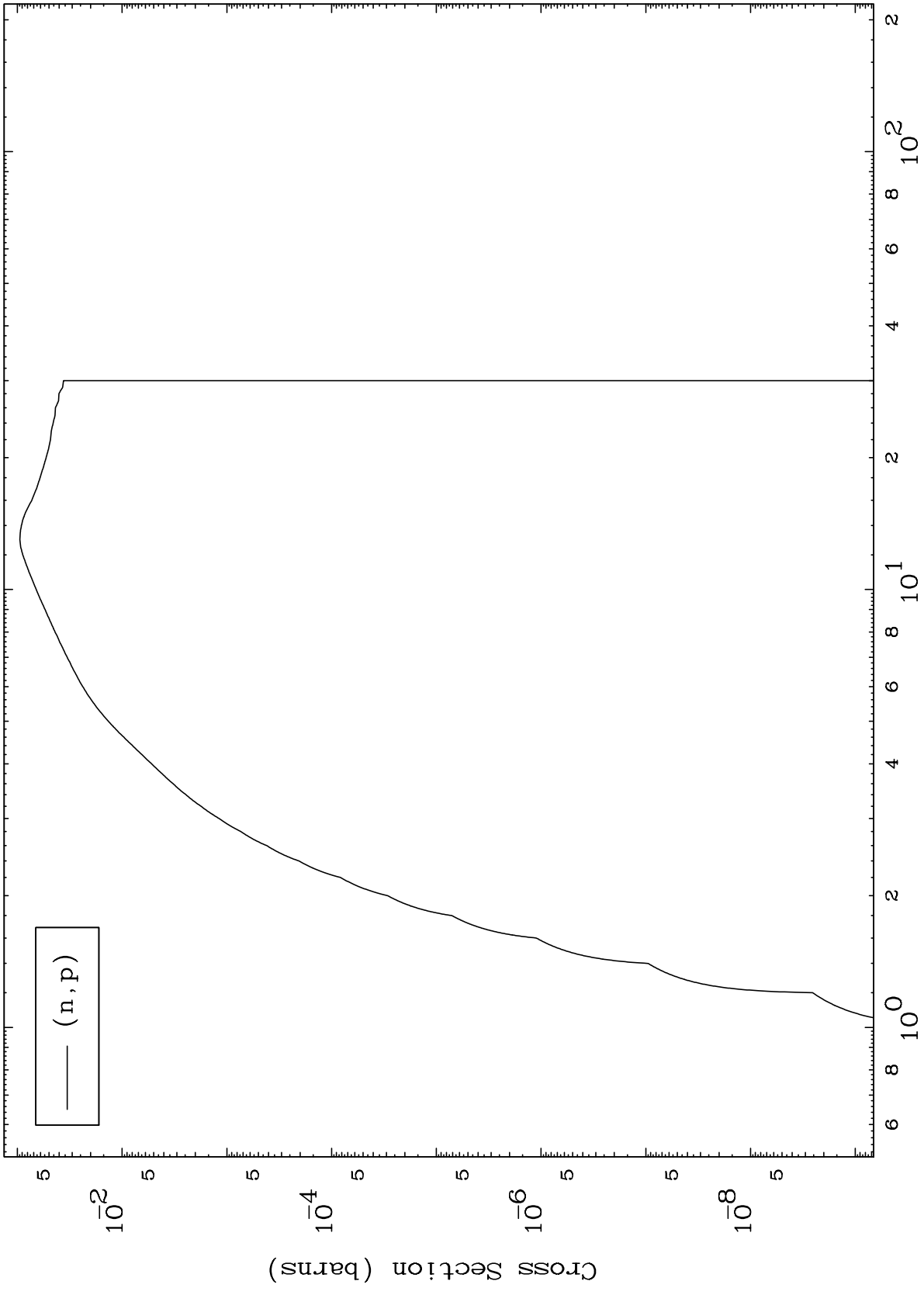
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-61



10

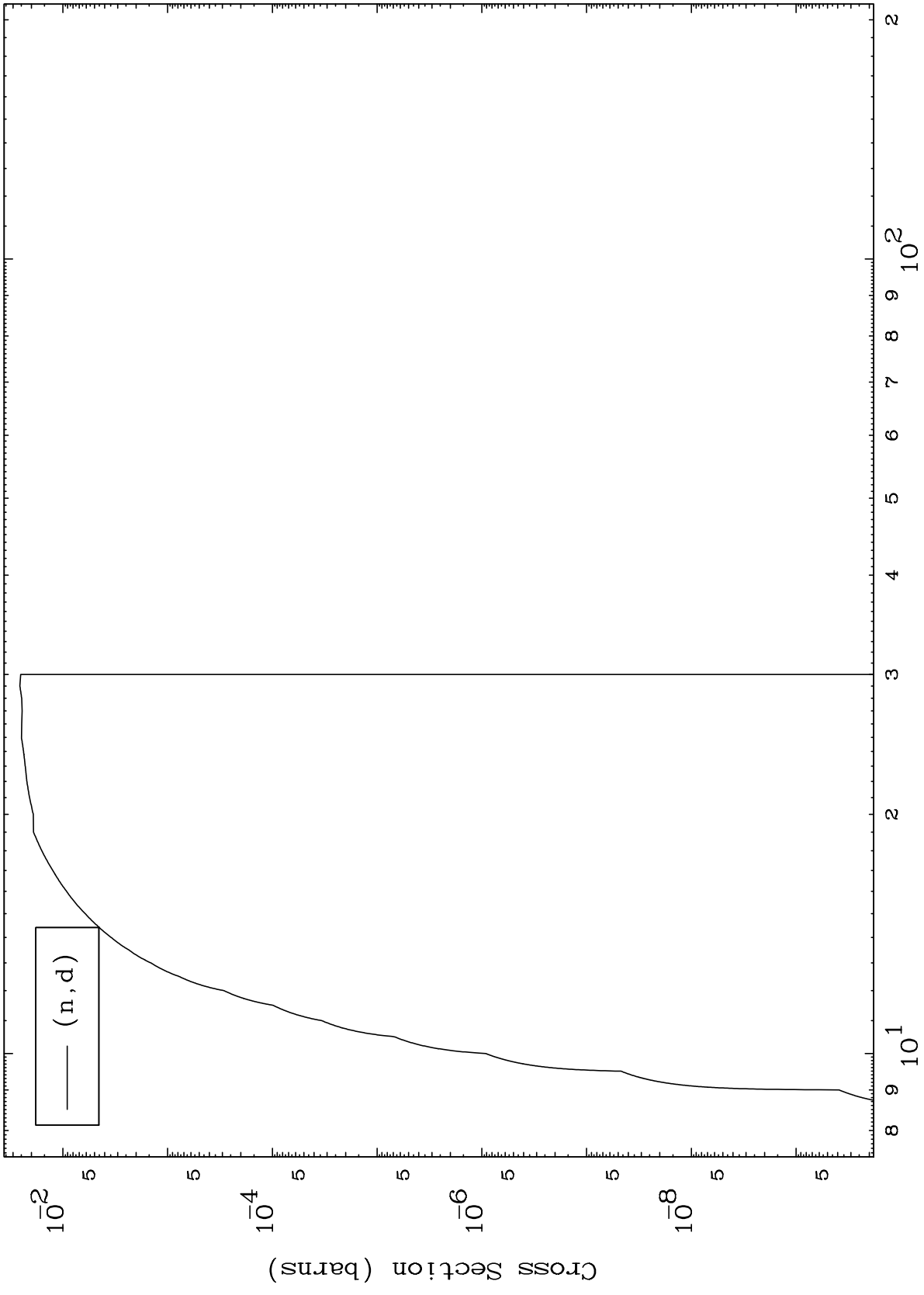
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-61



11

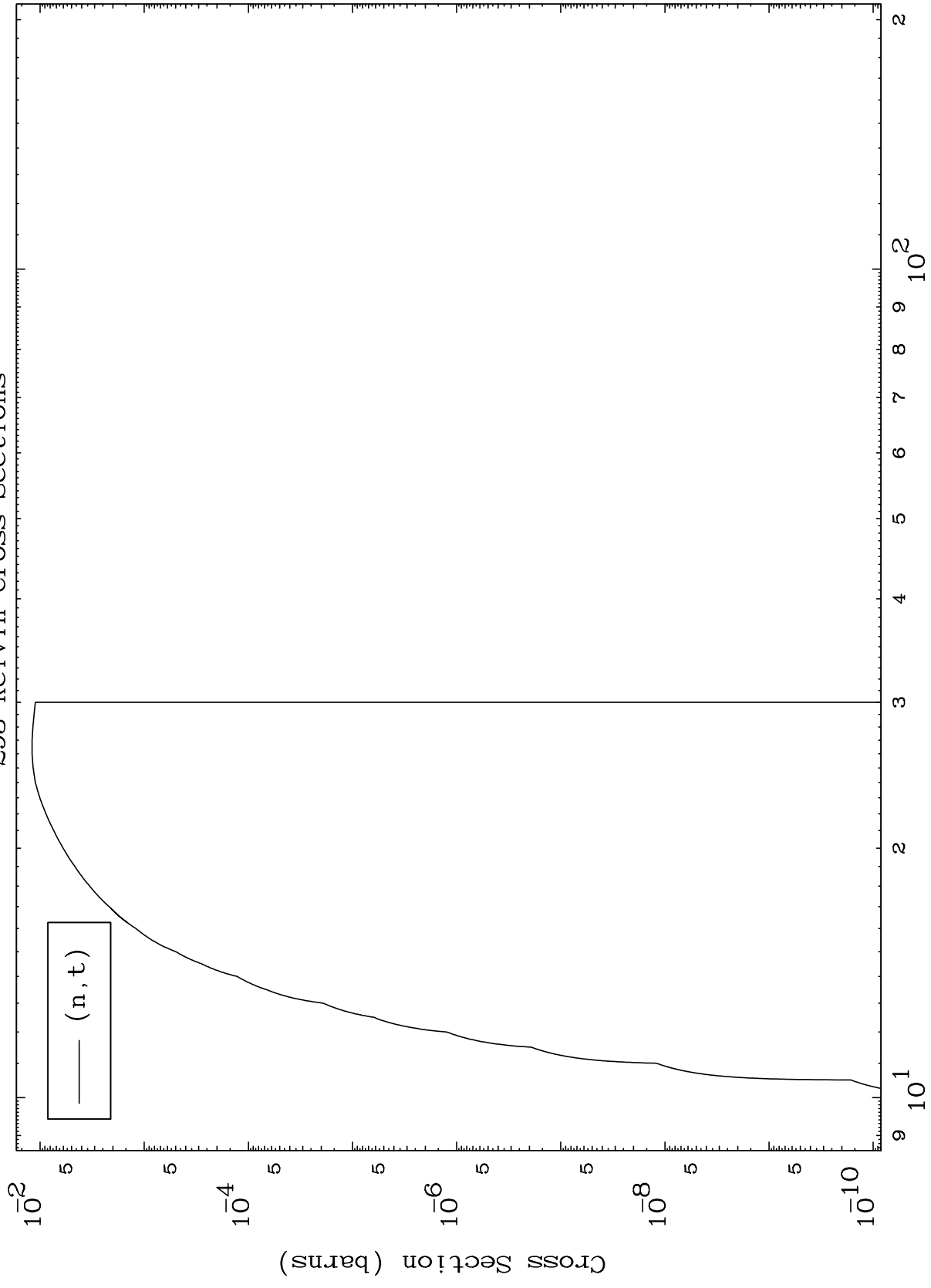
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-61



12

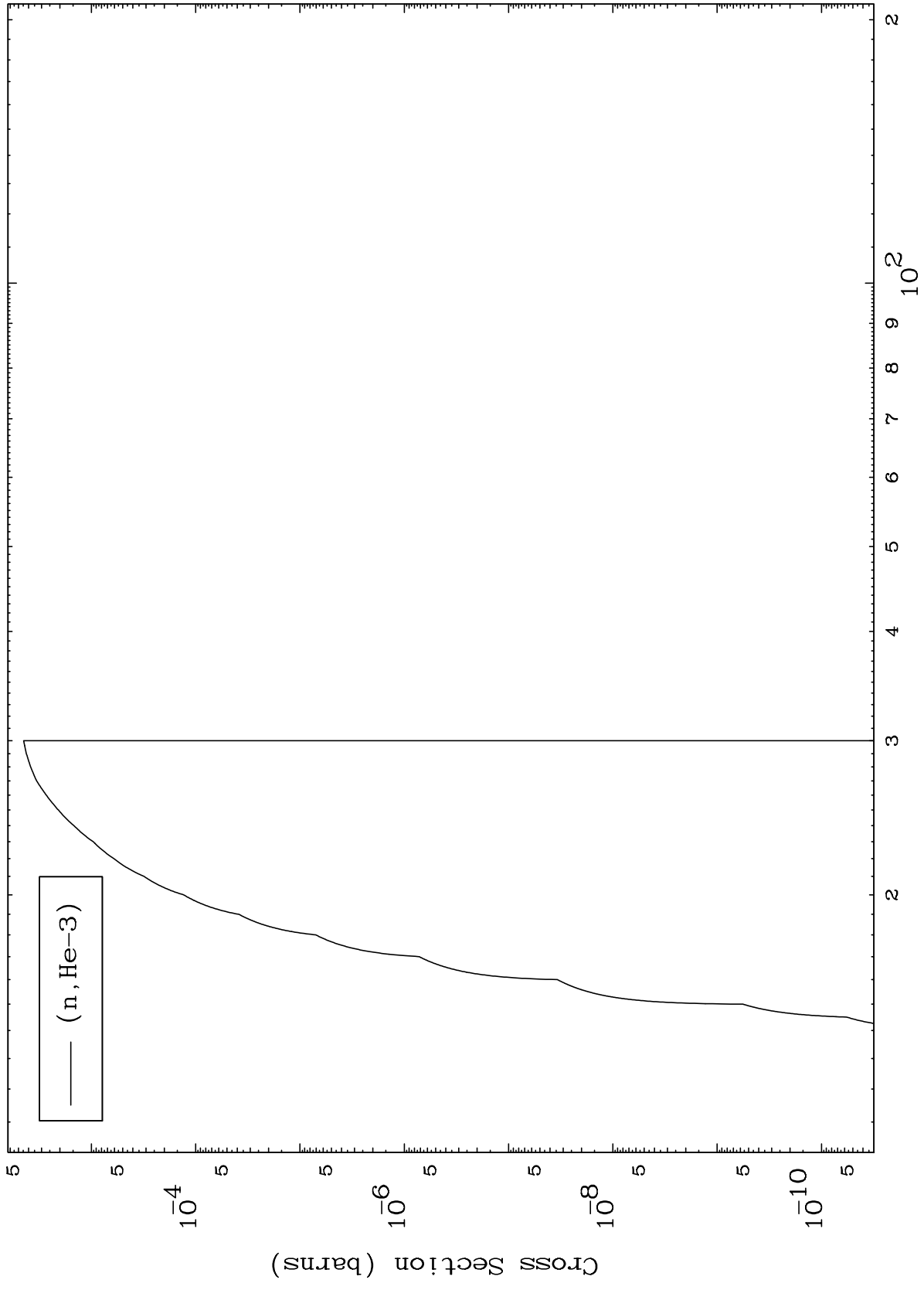
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-61



13

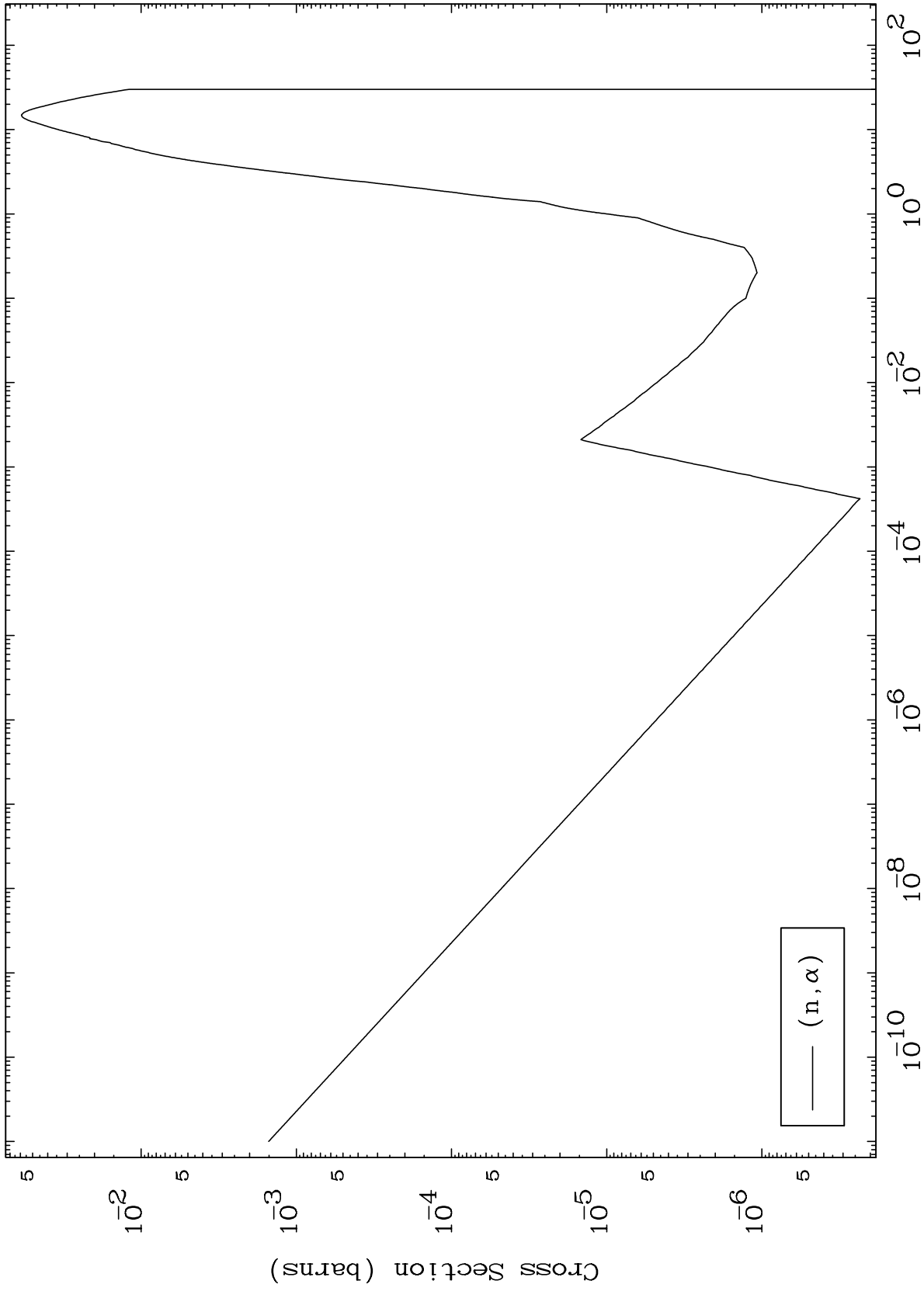
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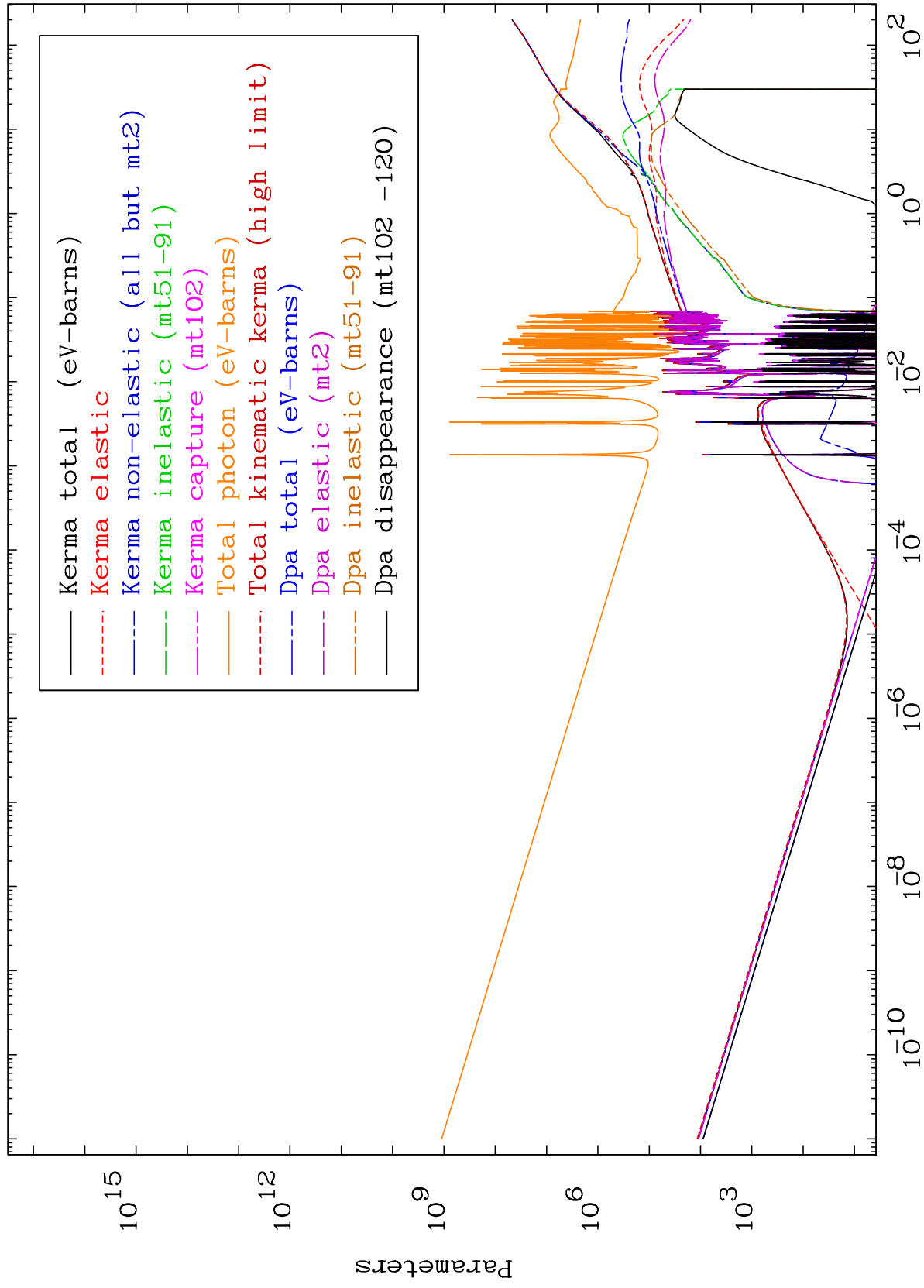
28-Ni-61

MAT 2834

(n,α) Levels  
293 Kelvin Cross Sections

28-Ni-61



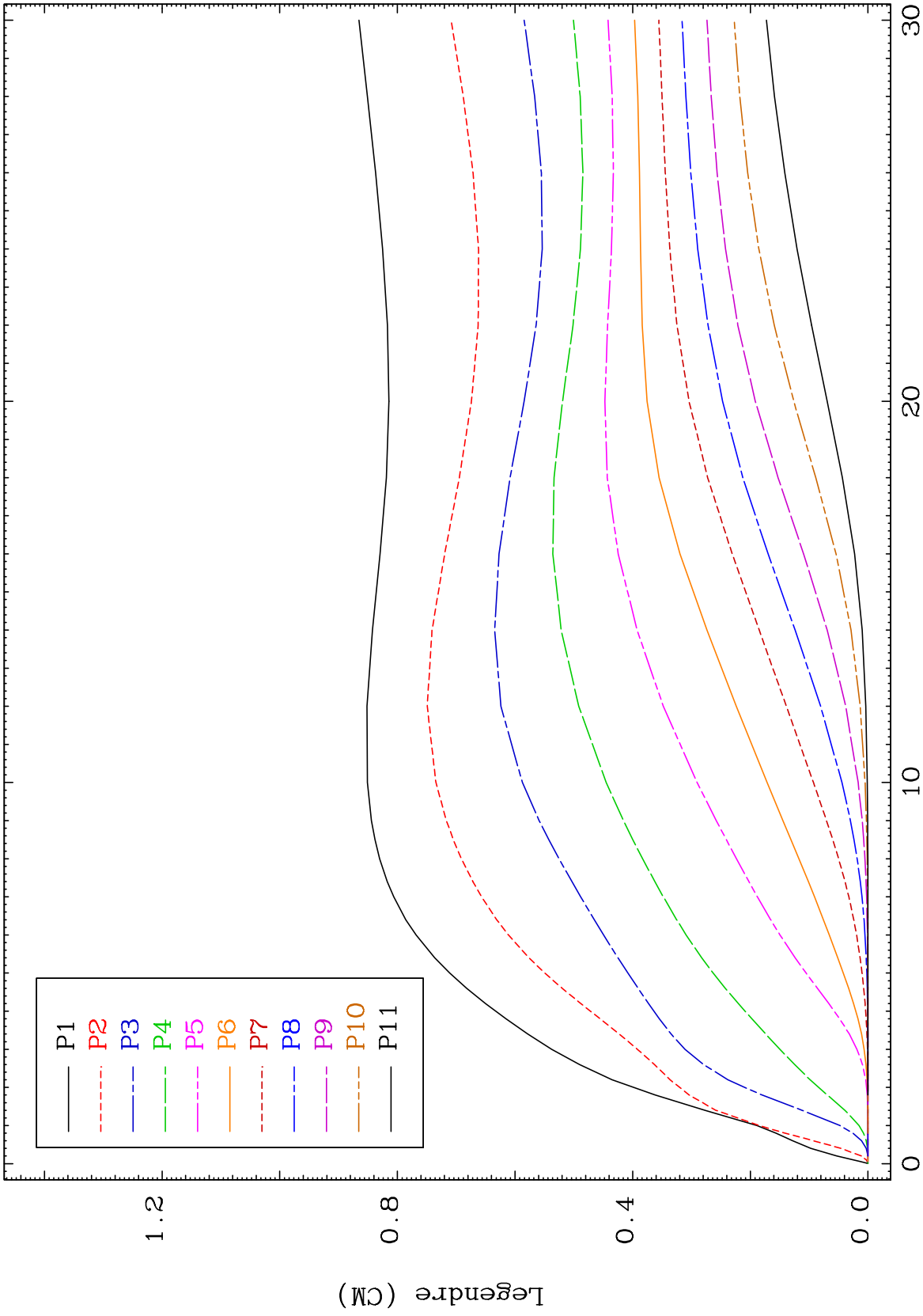




MAT 2834

Elastic Legendre Coefficients

28-Ni-61



16

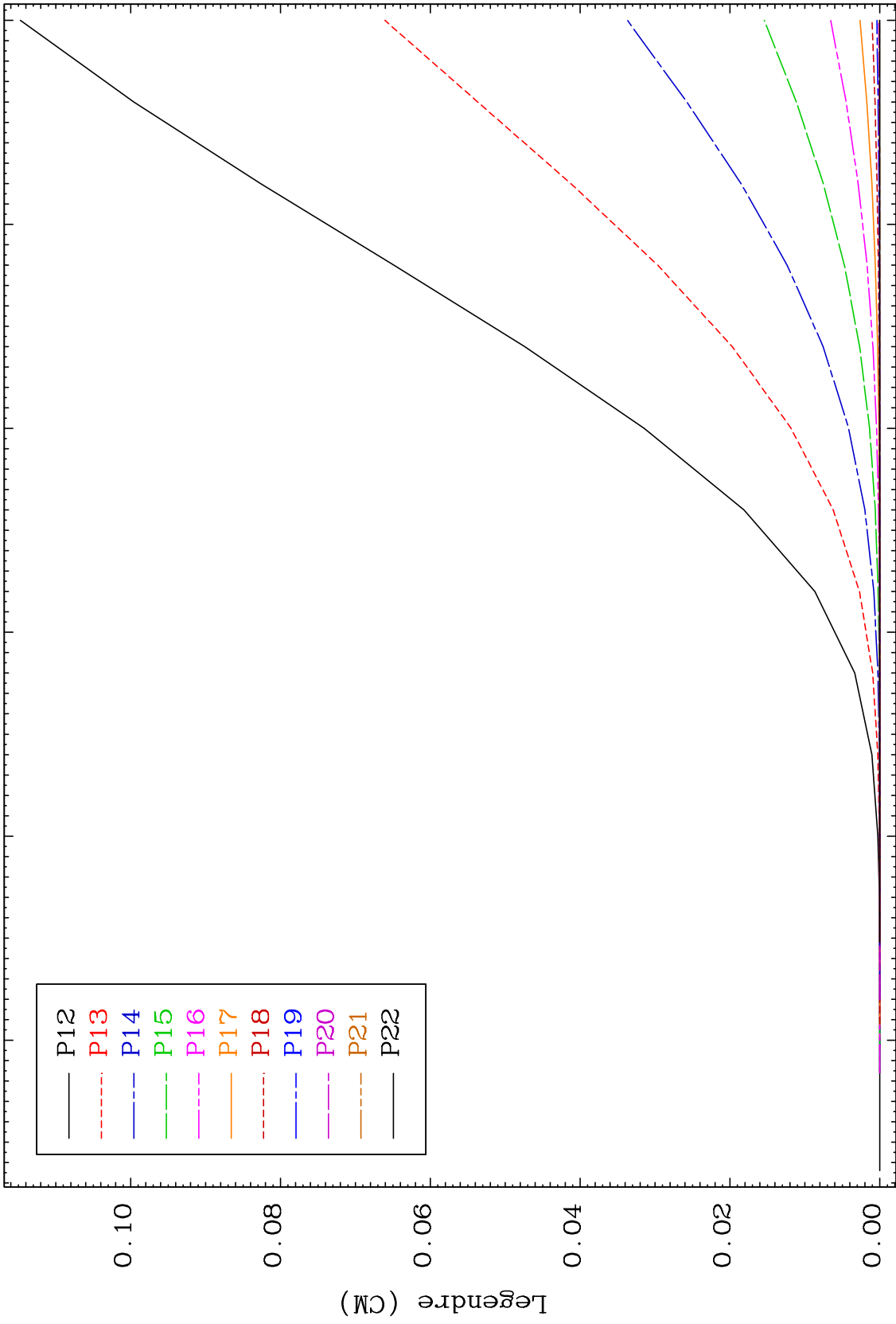
Incident Energy (MeV)

28-Ni-61

MAT 2834

Elastic Legendre Coefficients

28-Ni-61



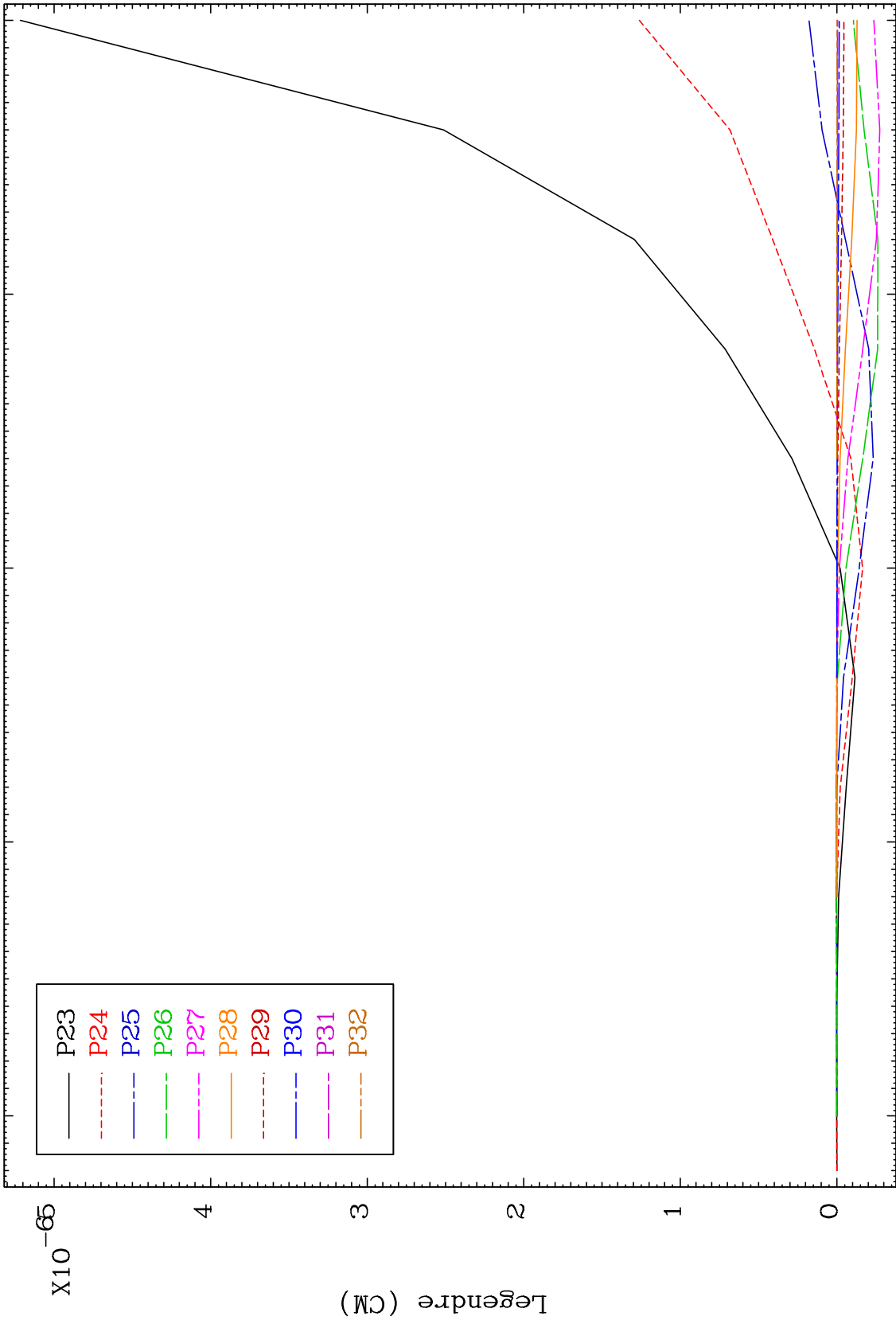
17

28-Ni-61

MAT 2834

Elastic Legendre Coefficients

<sup>28</sup>Ni-61



18

Incident Energy (MeV)

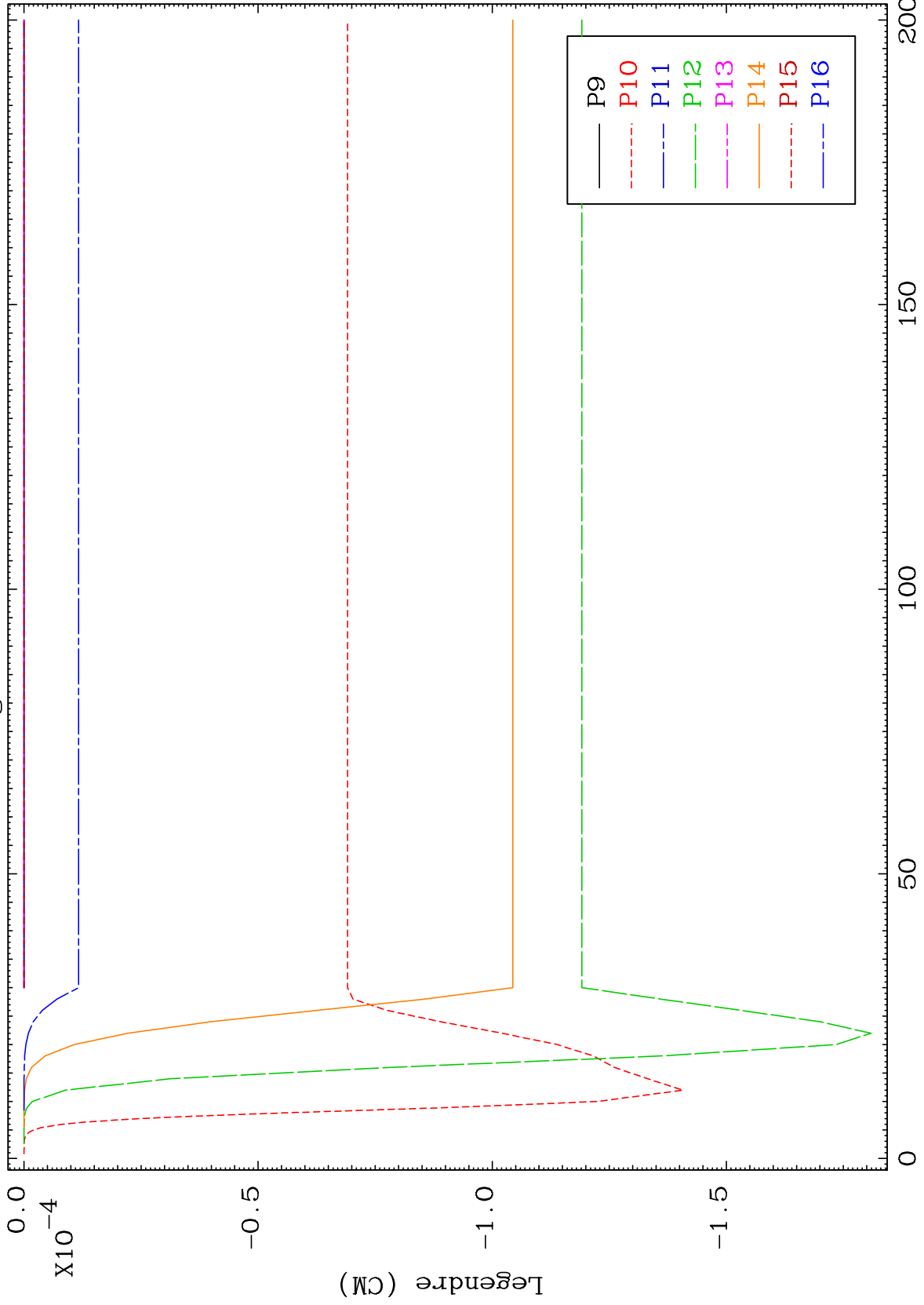
<sup>28</sup>Ni-61



MAT 2834

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

28-Ni-61

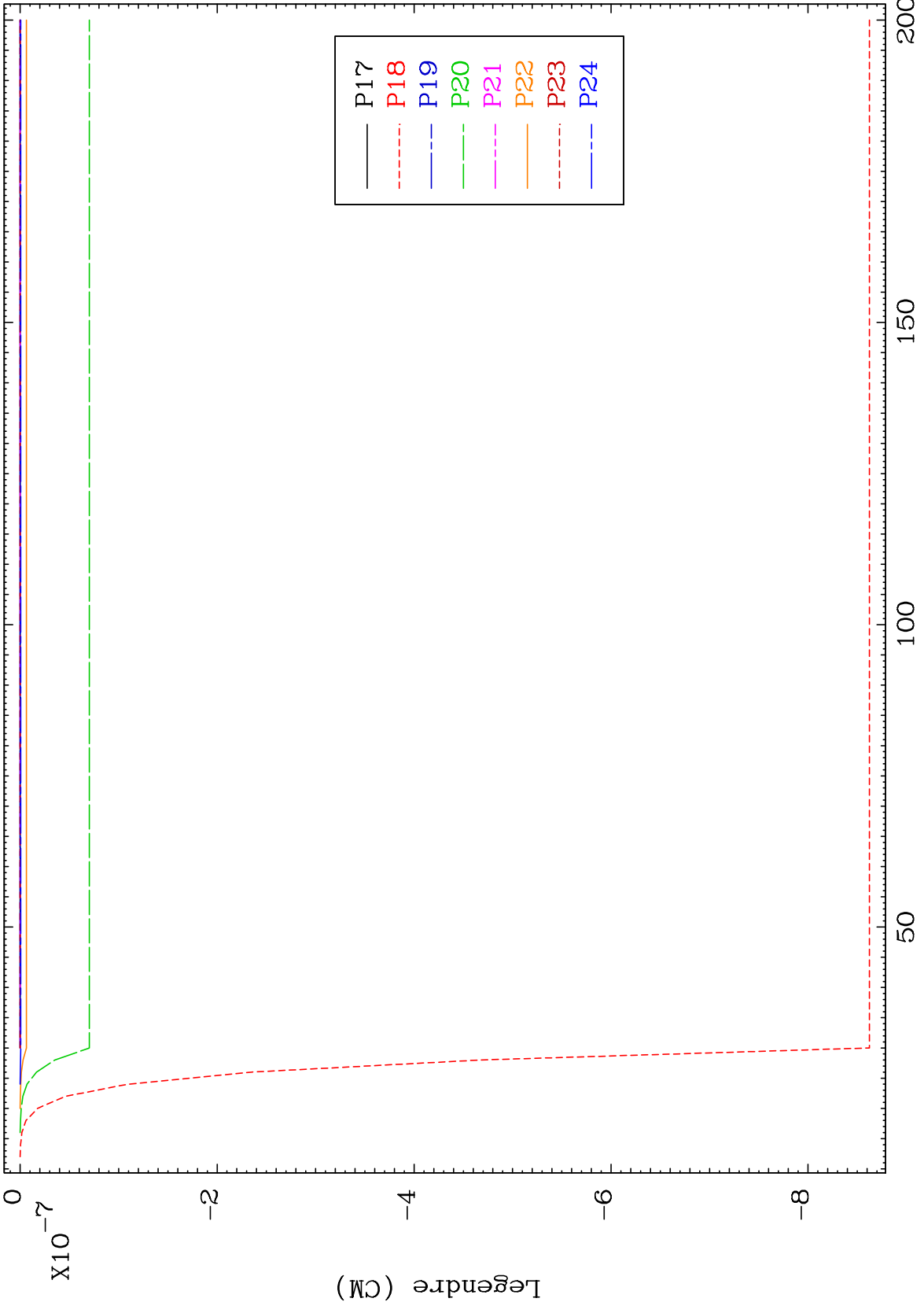


28-Ni-61

Incident Energy (MeV)

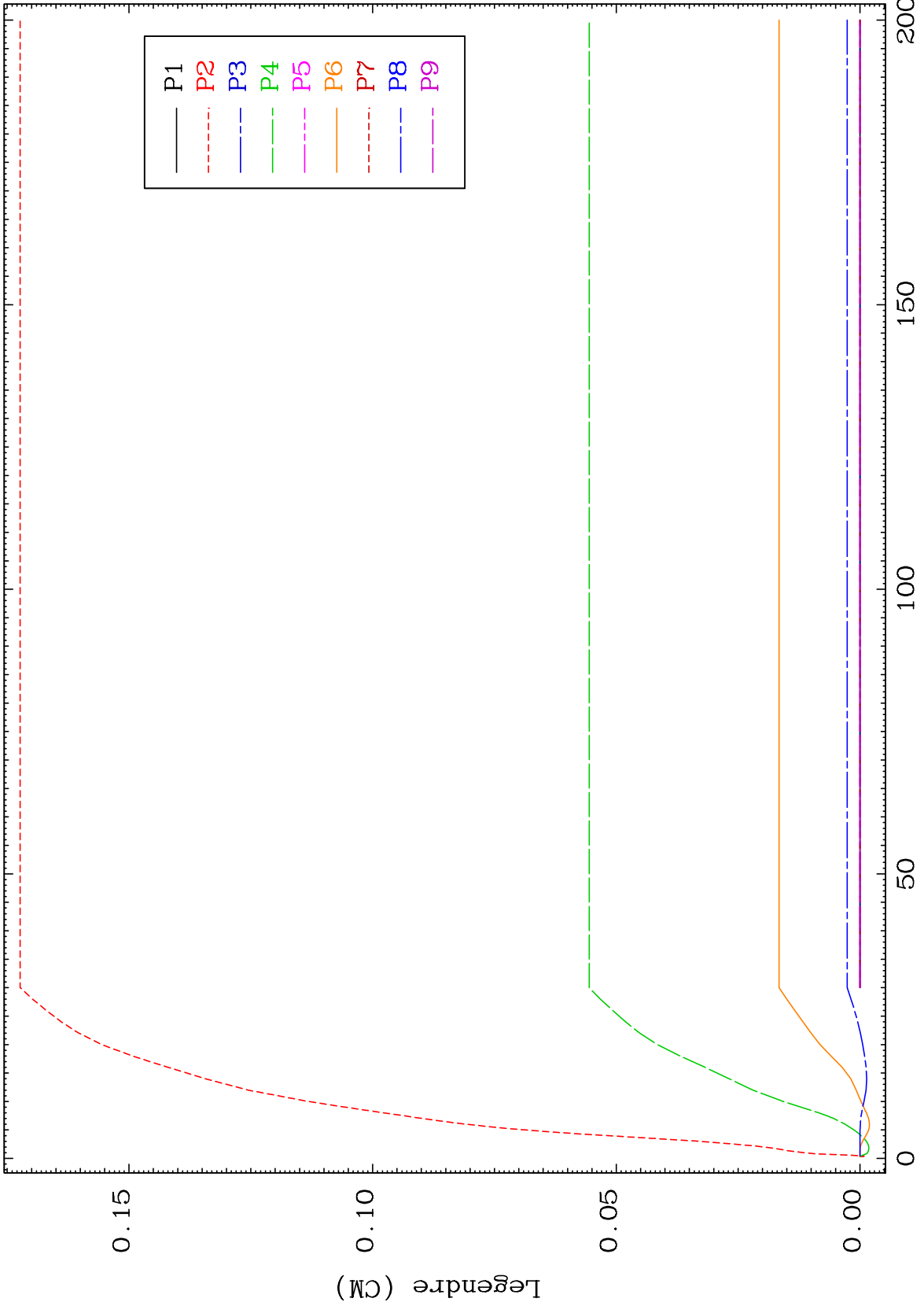
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MAT 2834 MT= 51 (n,n') Level Legendre Coefficients 28-Ni-61



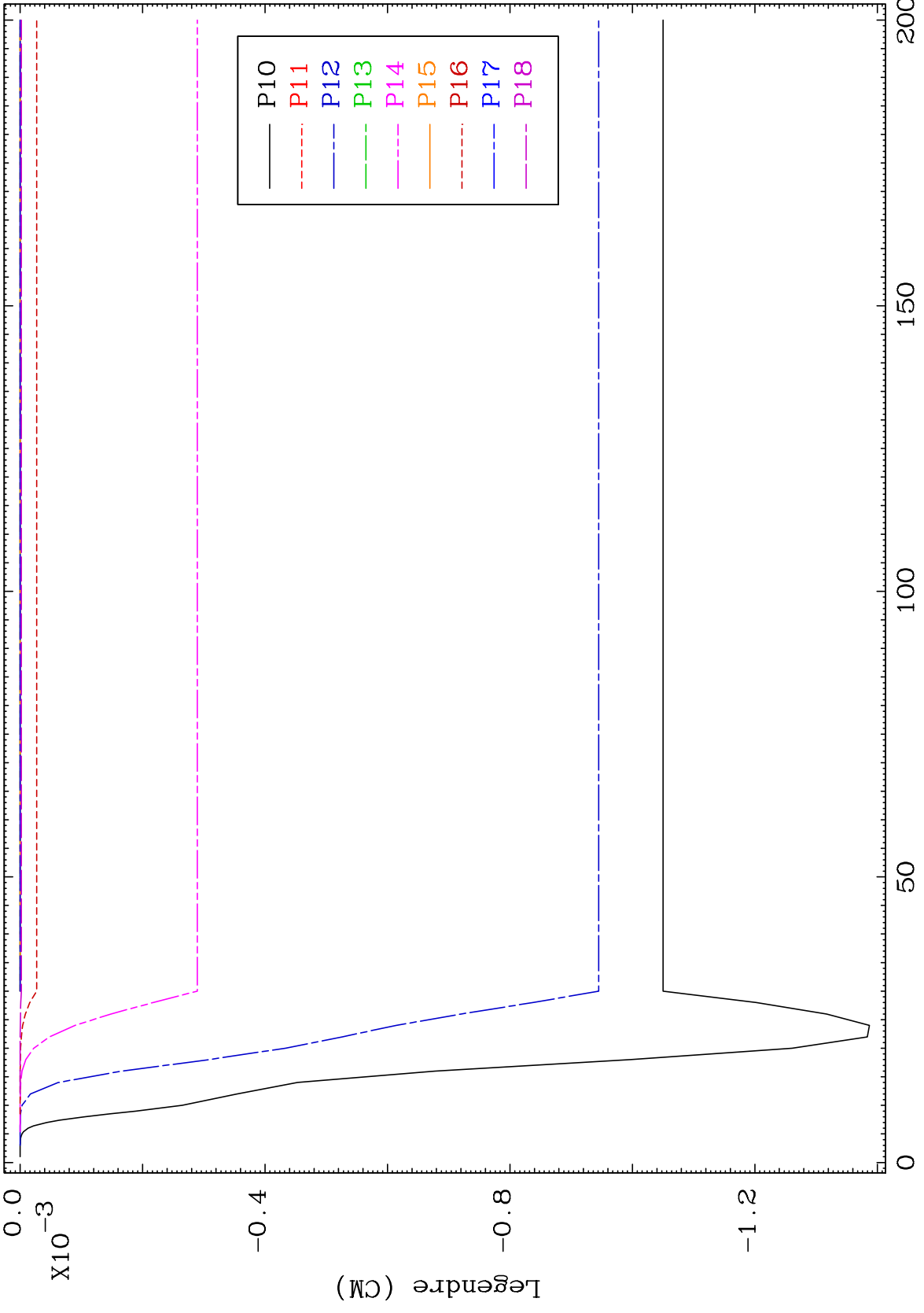
21 28-Ni-61

MAT 2834 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-61



28-Ni-61

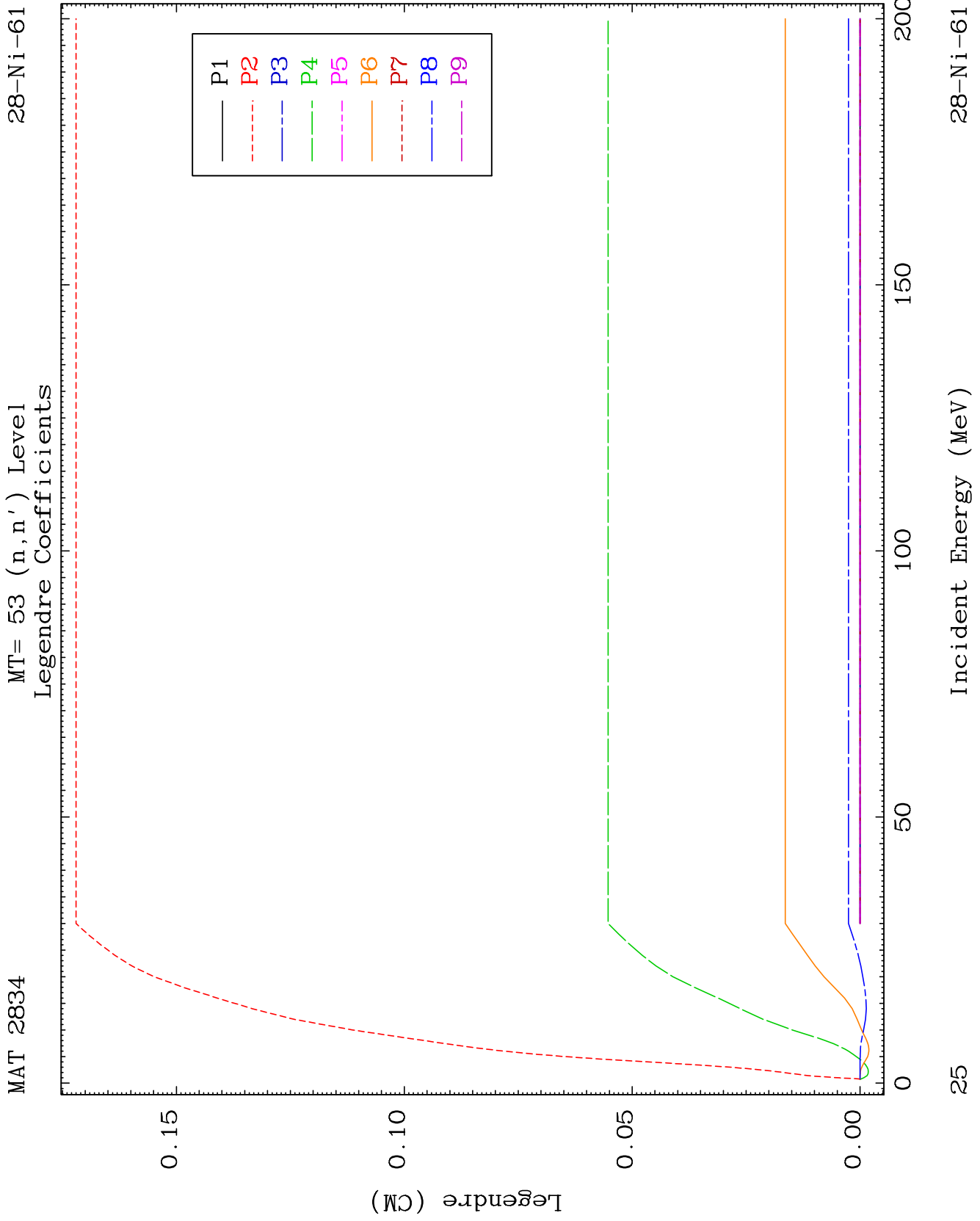
MAT 2834 MT= 52 (n,n') Level Legendre Coefficients 28-Ni-61



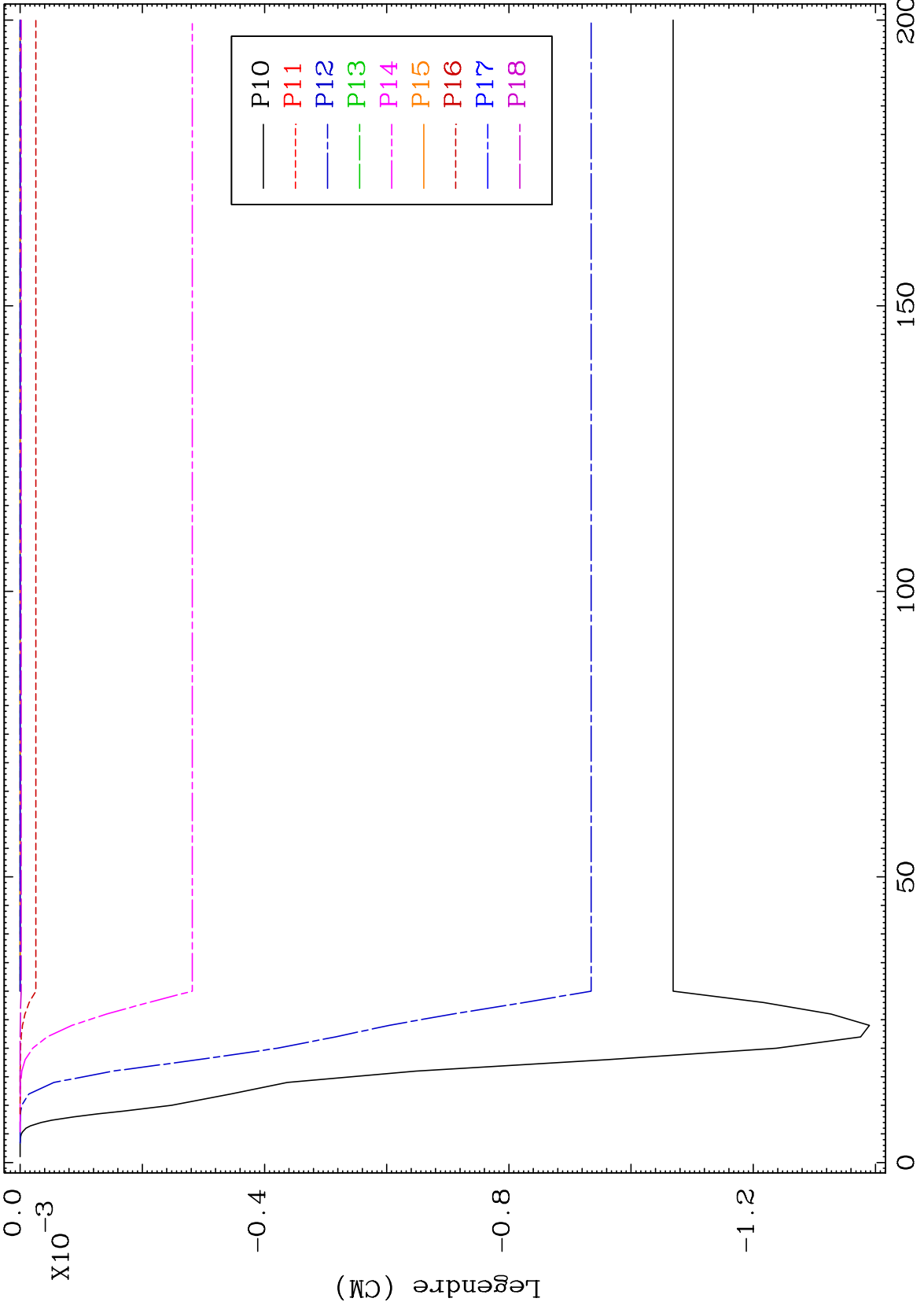
23 Incident Energy (MeV) 28-Ni-61



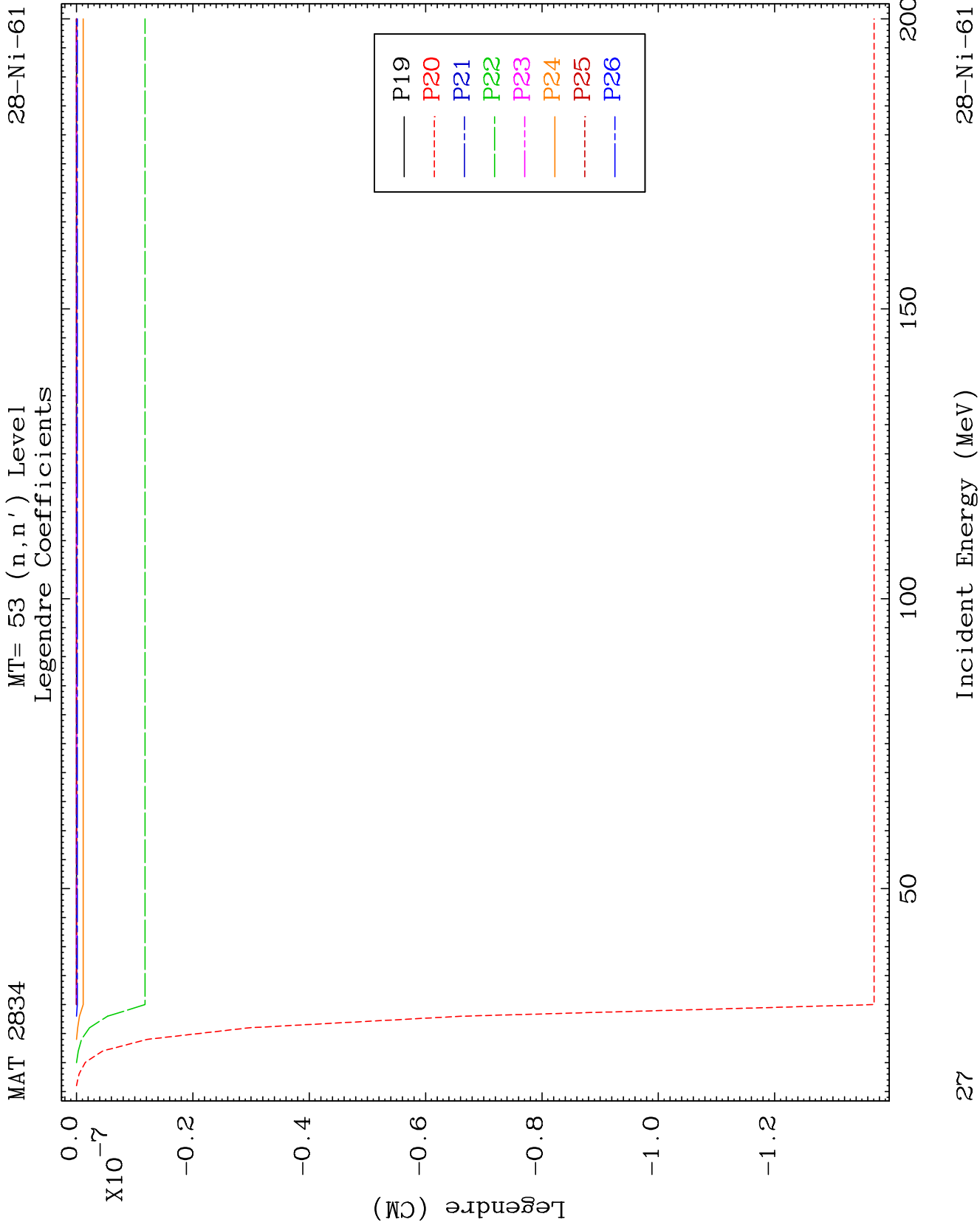




MAT 2834 MT= 53 (n,n') Level Legendre Coefficients 28-Ni-61



26 Incident Energy (MeV) 28-Ni-61

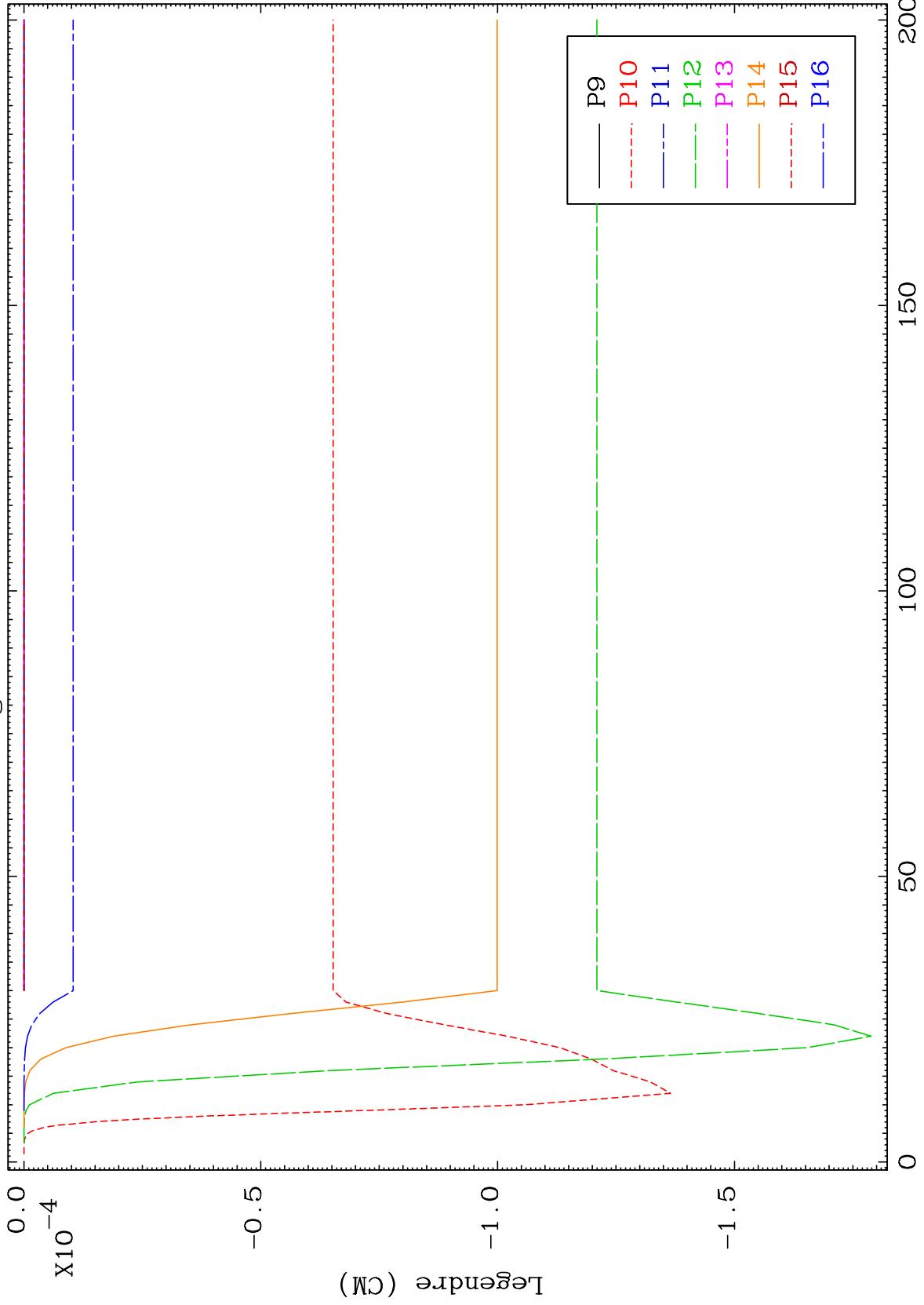




MAT 2834

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

28-Ni-61

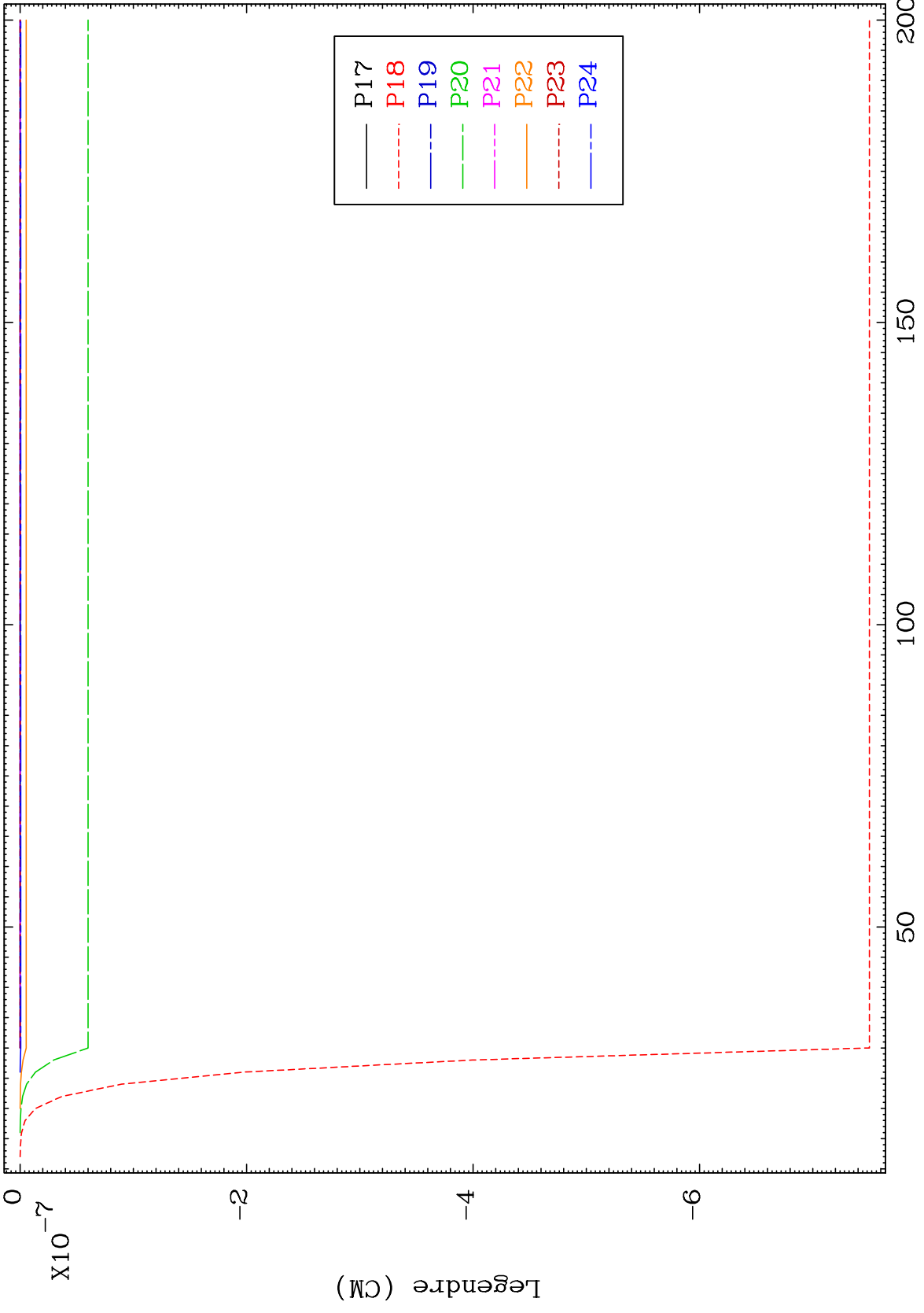


28-Ni-61

Incident Energy (MeV)

29

MAT 2834 MT= 54 (n,n') Level Legendre Coefficients 28-Ni-61



30 Incident Energy (MeV) 200 28-Ni-61

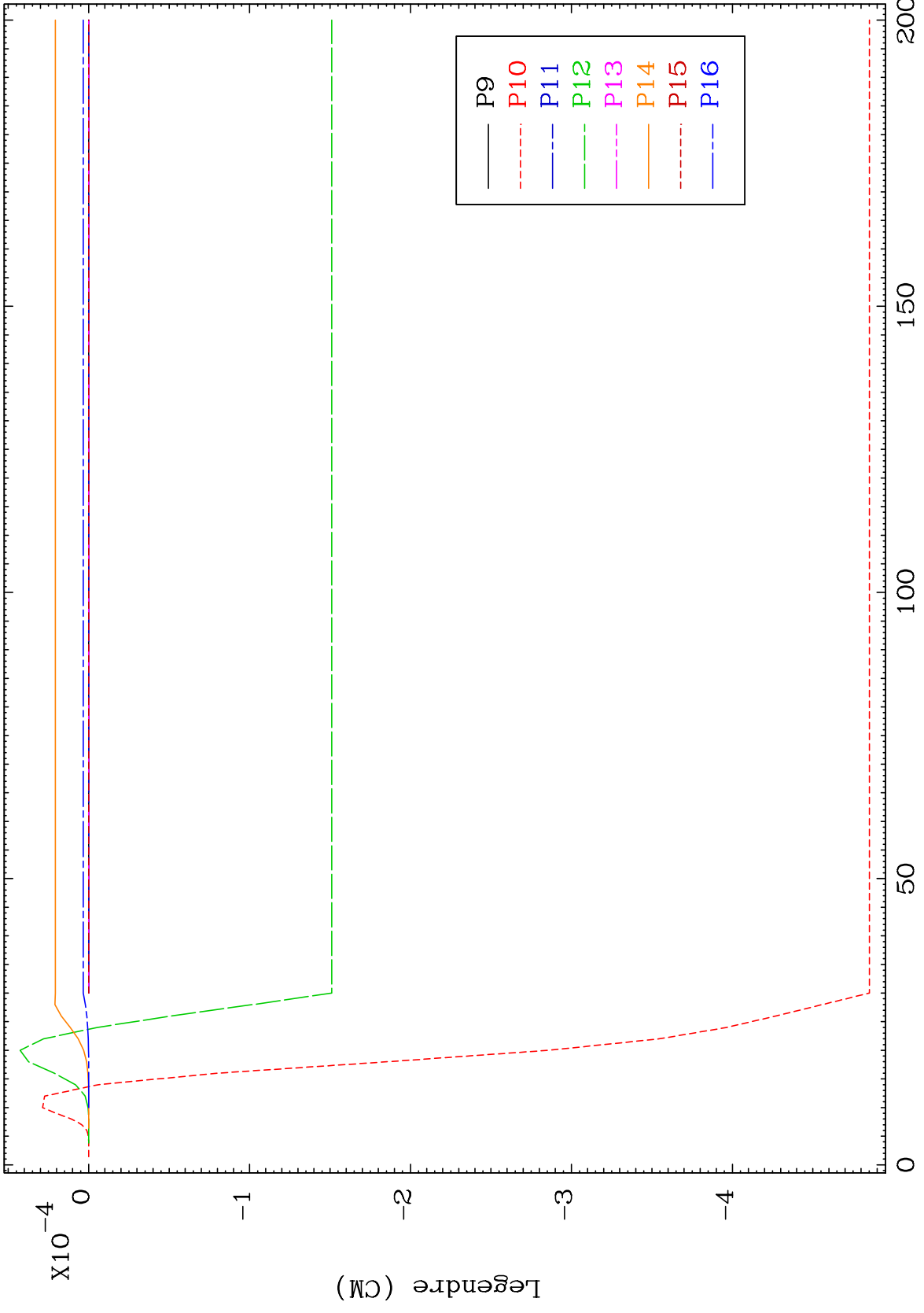




MAT 2834

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

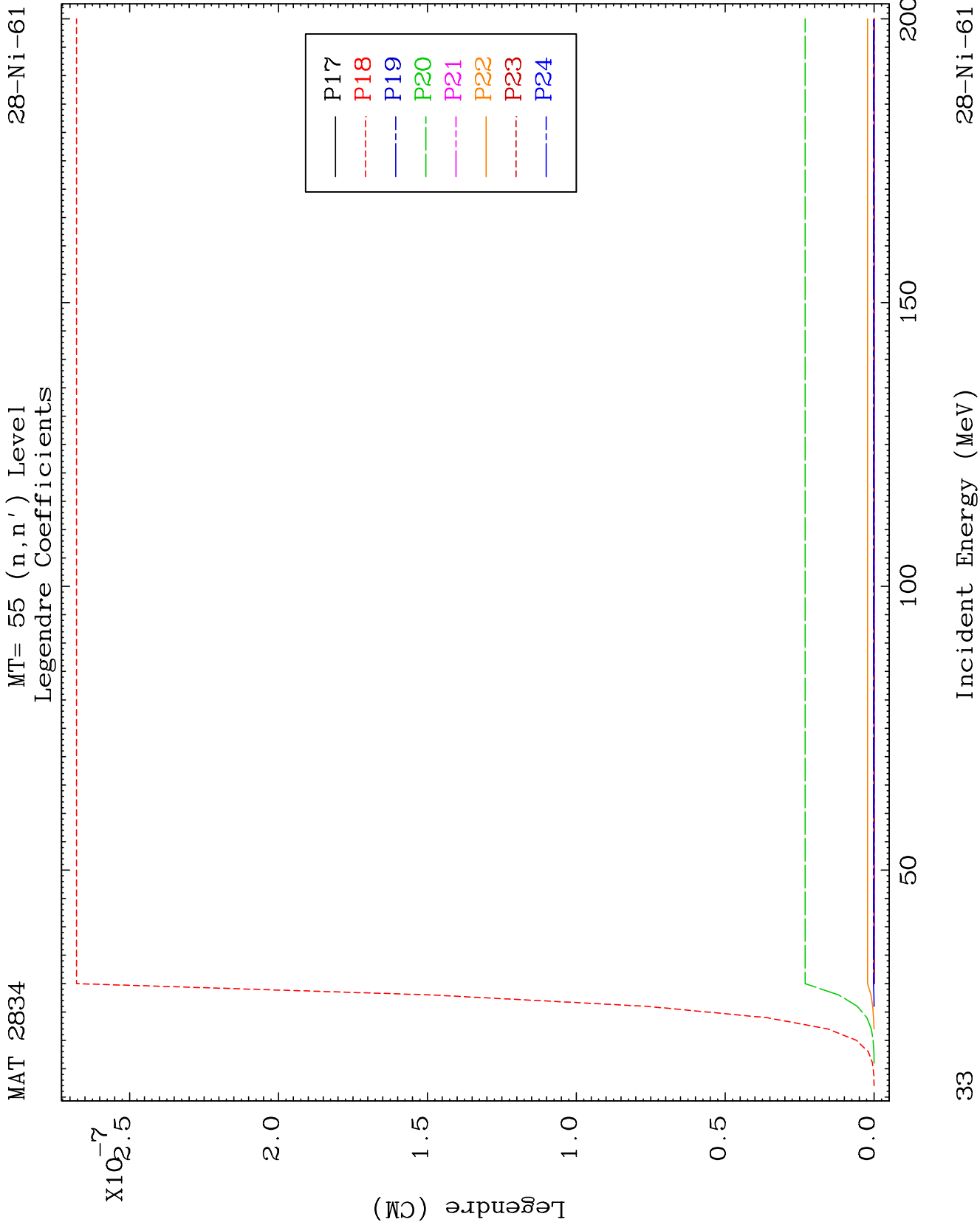
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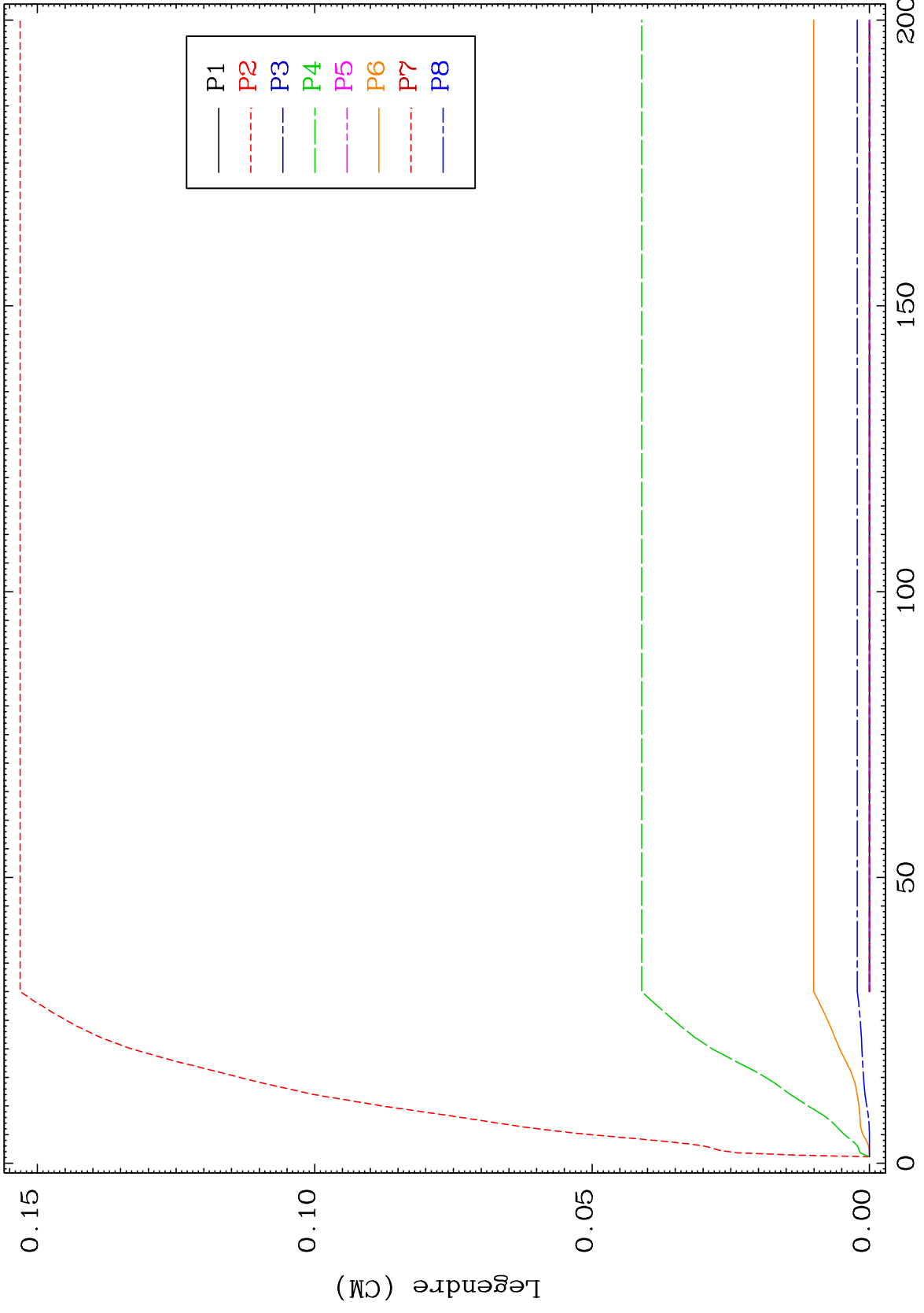
32

Incident Energy (MeV)

28-Ni-61



MAT 2834 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-61

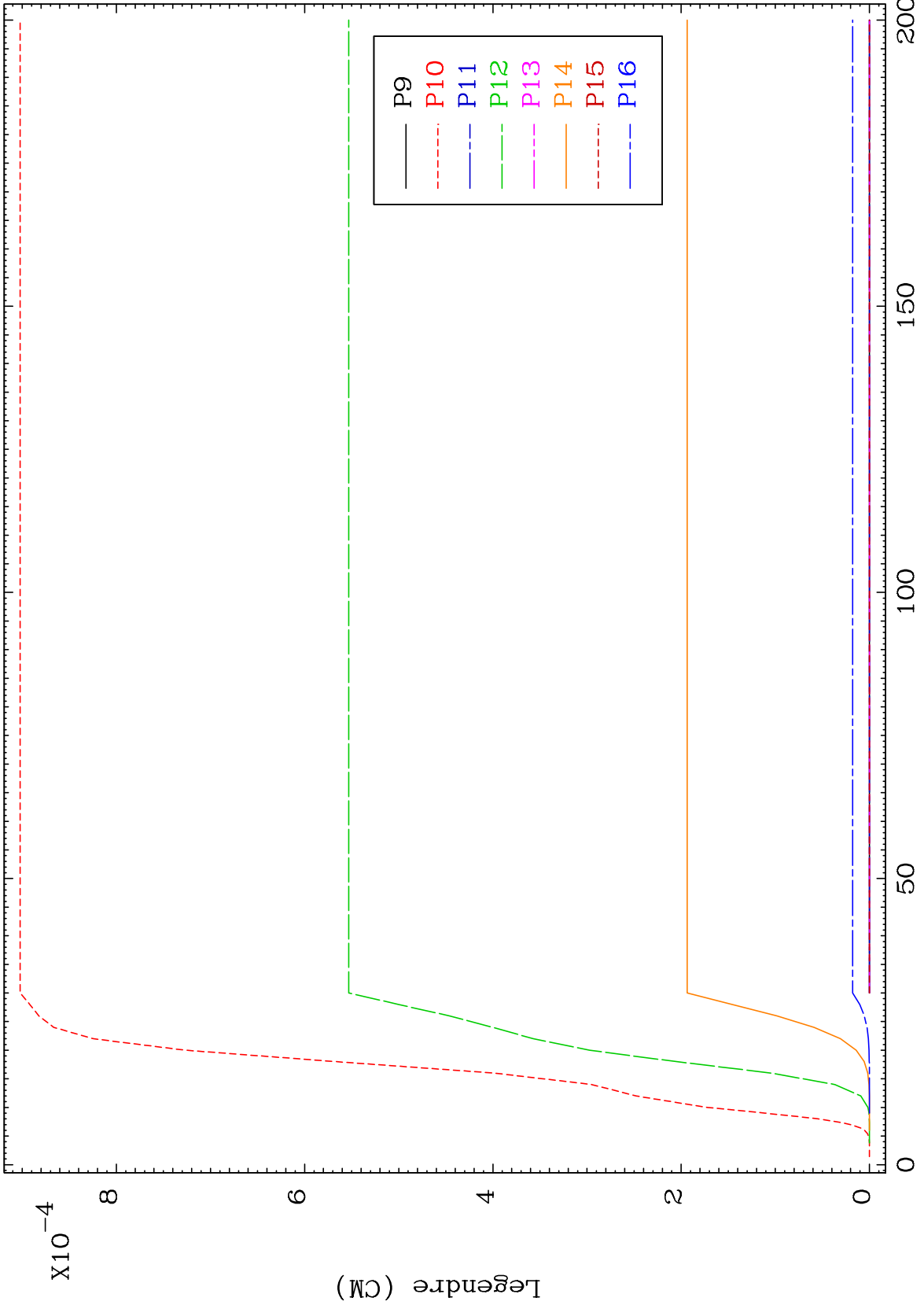


34 Incident Energy (MeV) 28-Ni-61

MAT 2834

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

28-Ni-61

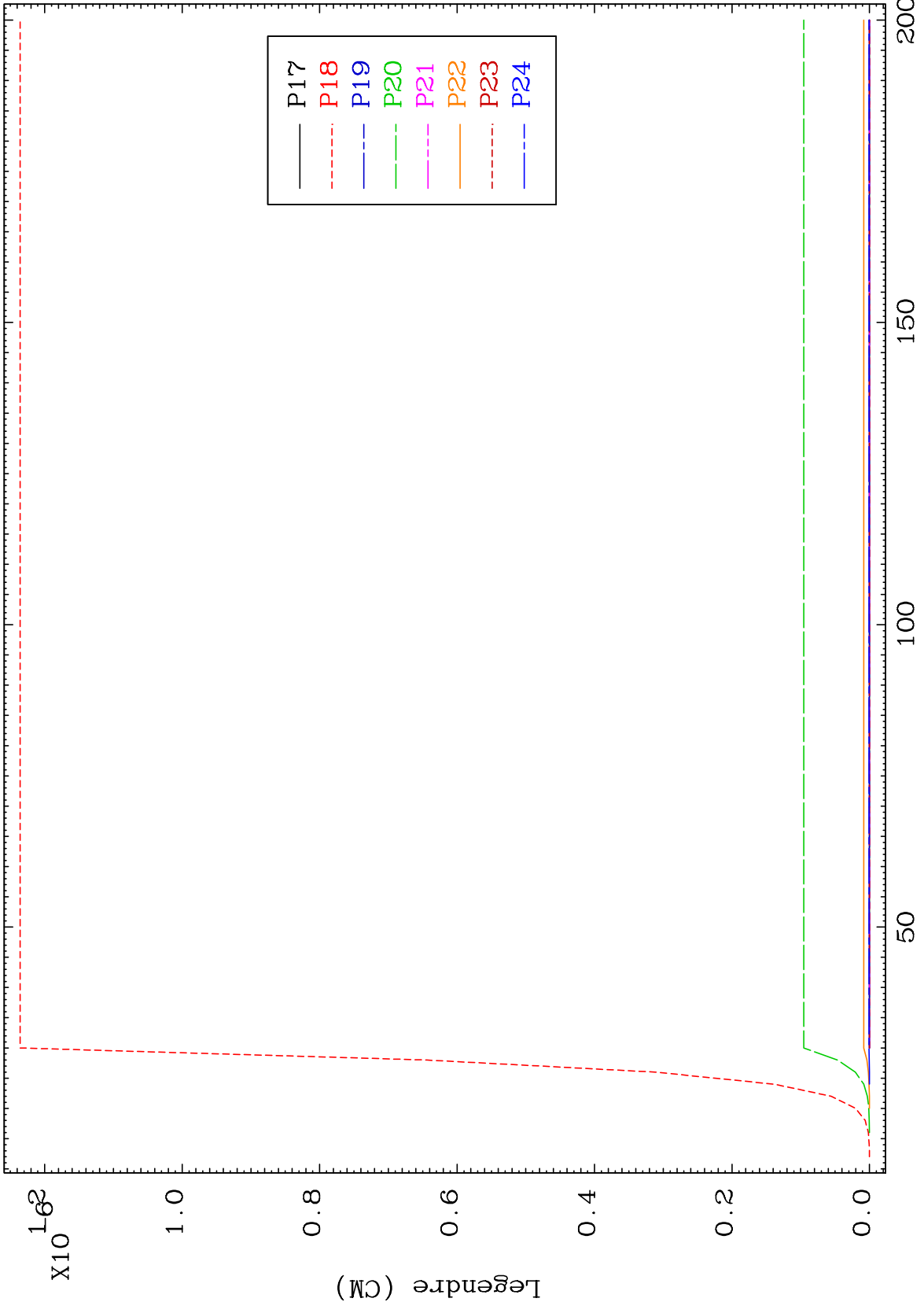


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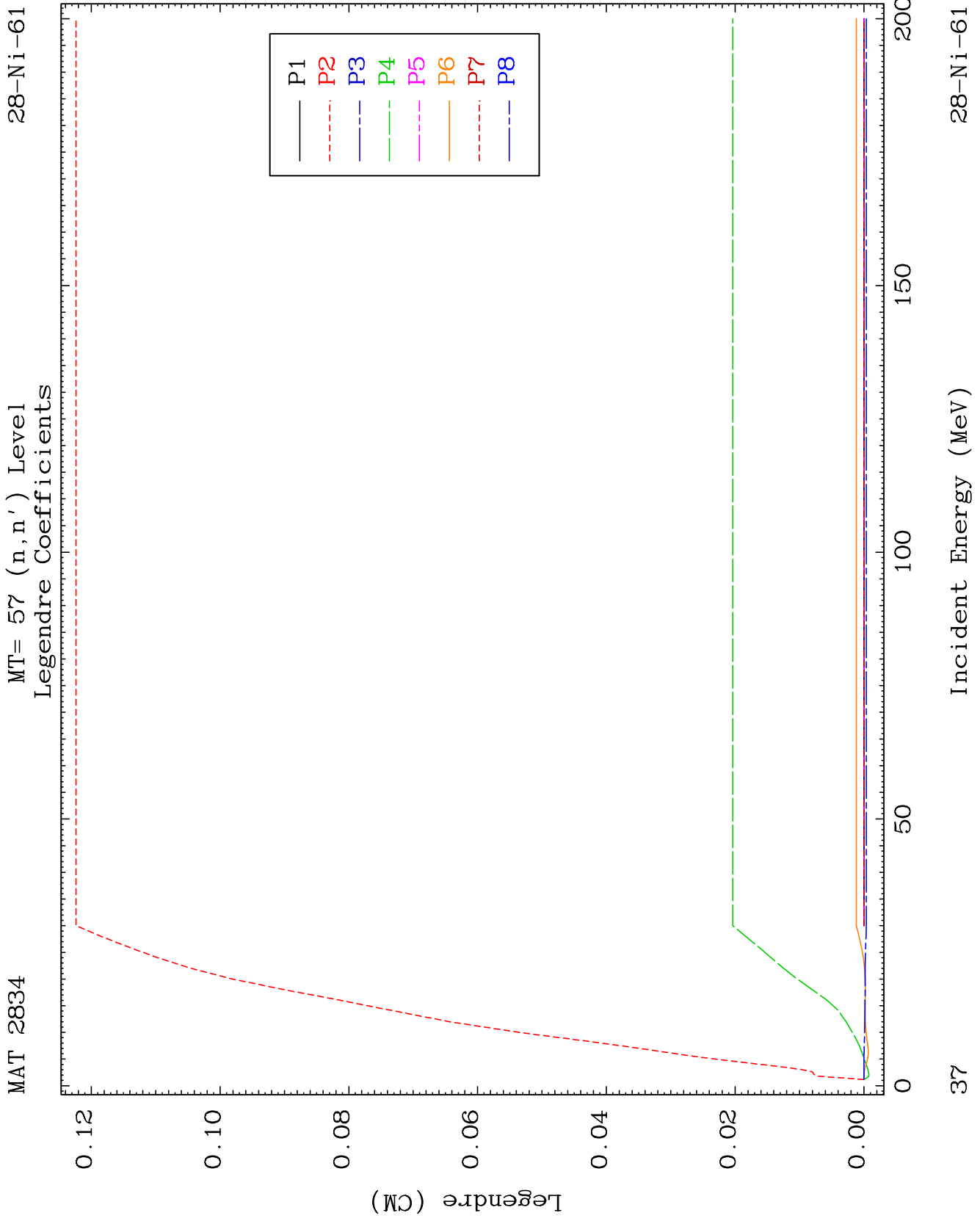
Incident Energy (MeV)

28-Ni-61

MAT 2834 MT= 56 (n,n') Level Legendre Coefficients 28-Ni-61



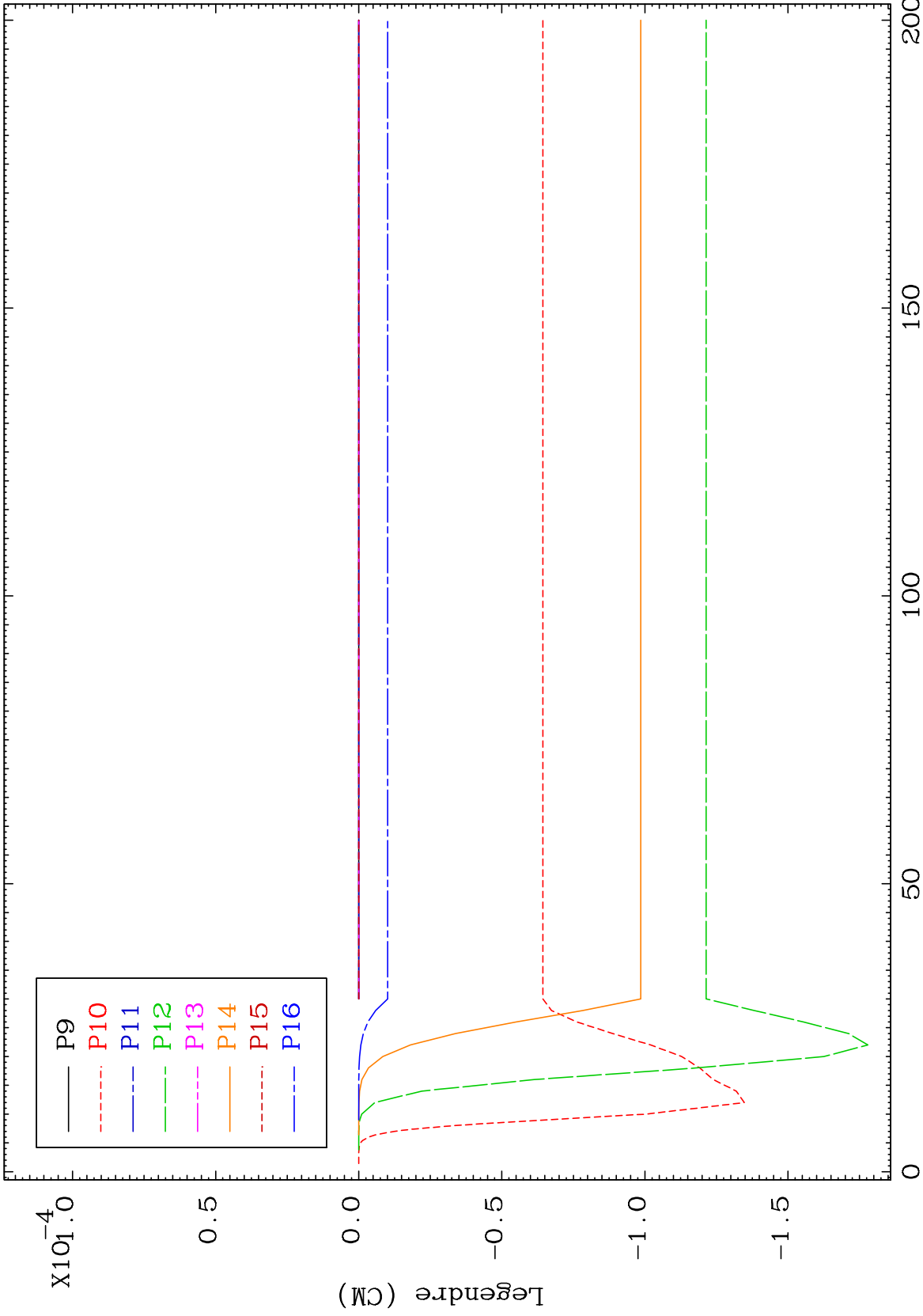
36 50 100 150 200 28-Ni-61



MAT 2834

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

28-Ni-61

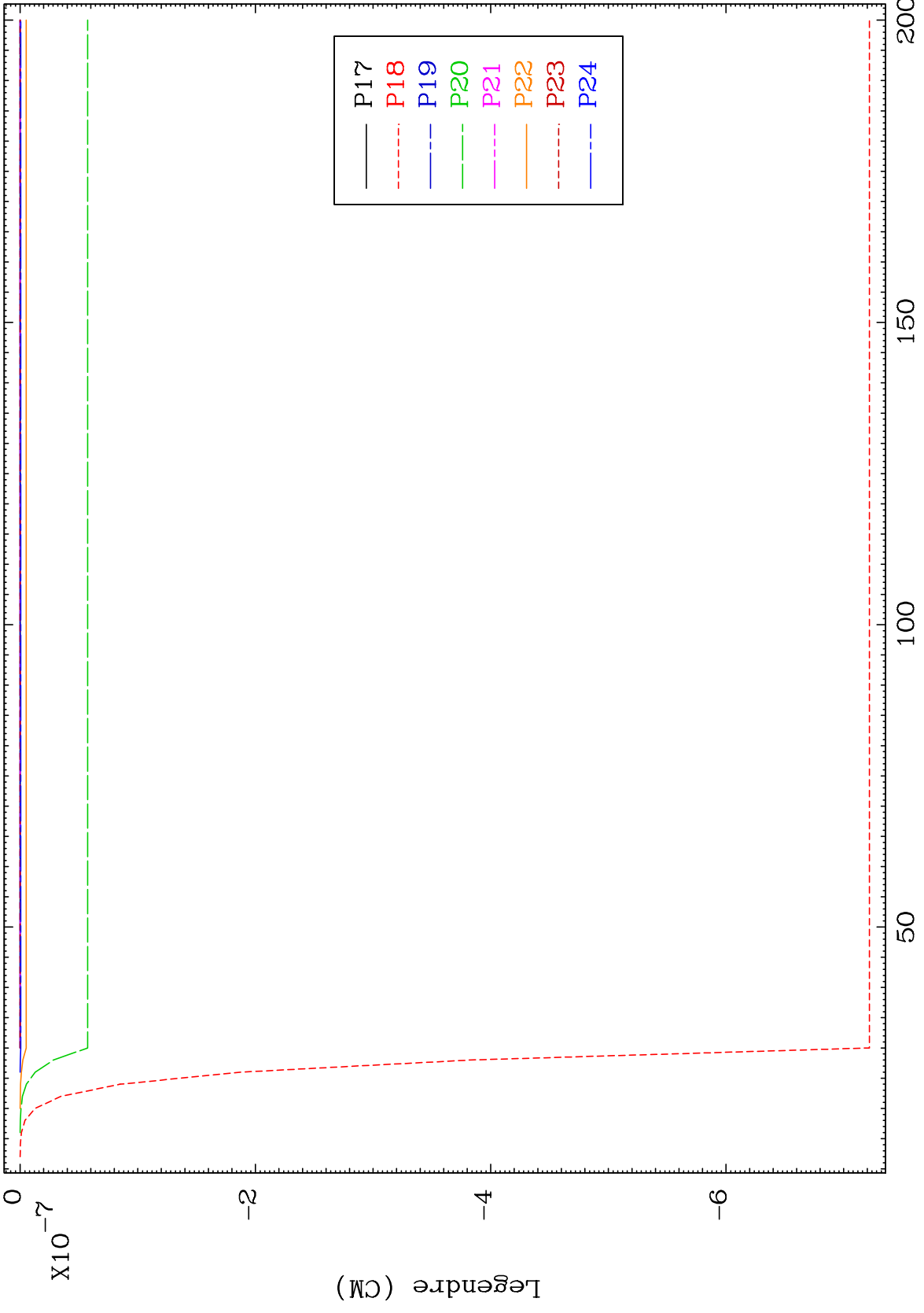


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Incident Energy (MeV)

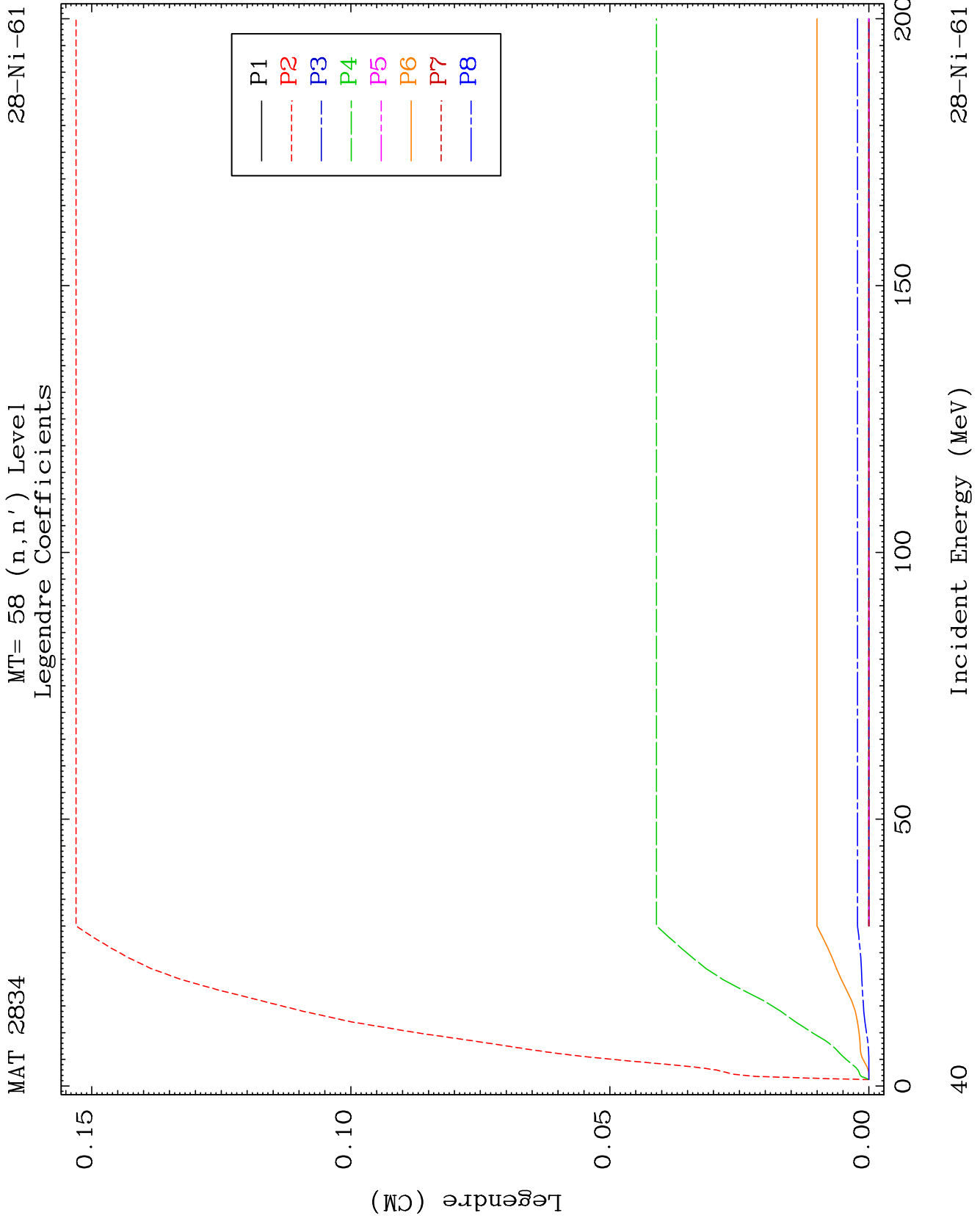
28-Ni-61

MAT 2834 MT= 57 (n,n') Level Legendre Coefficients 28-Ni-61



39 28-Ni-61

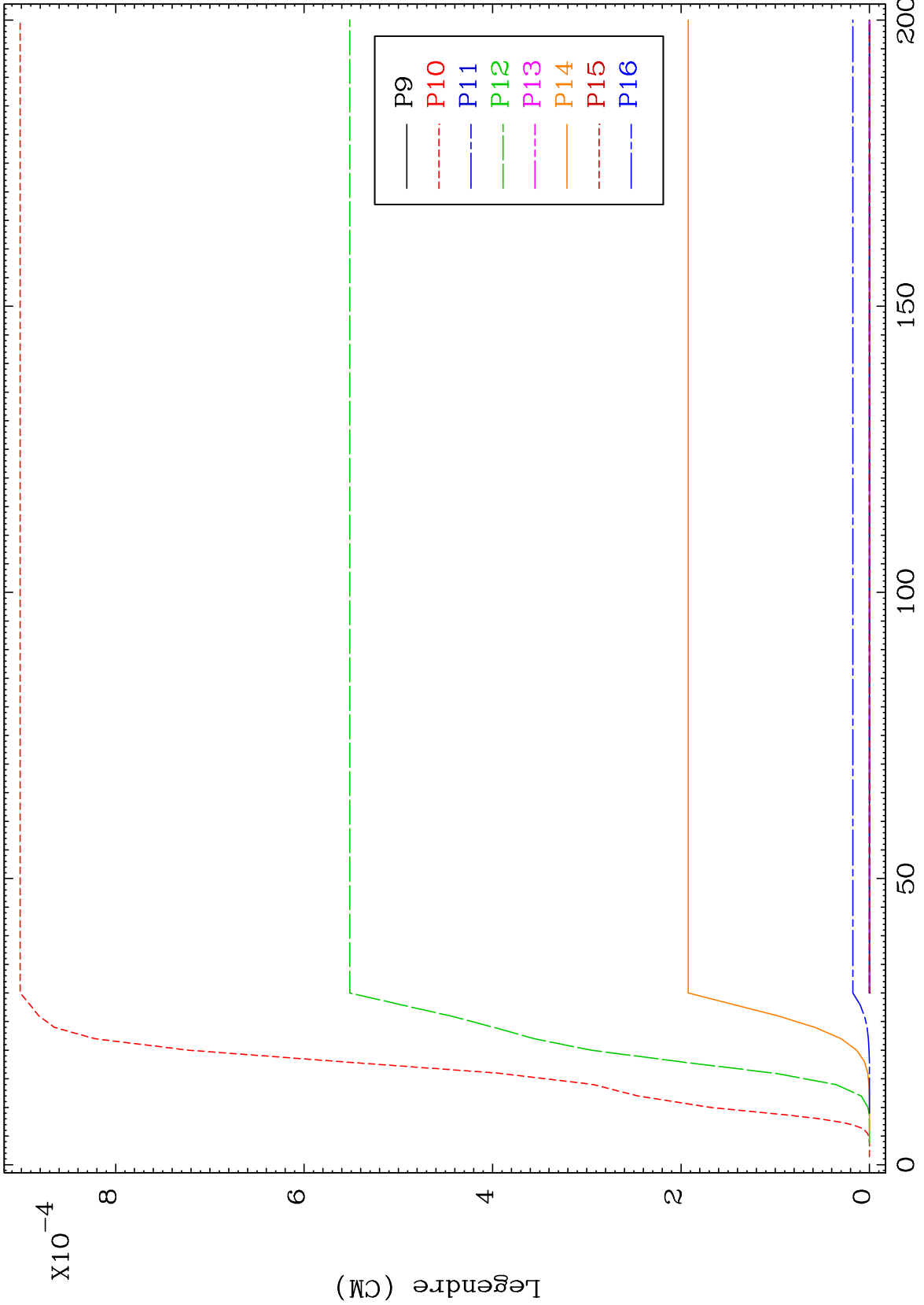




MAT 2834

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

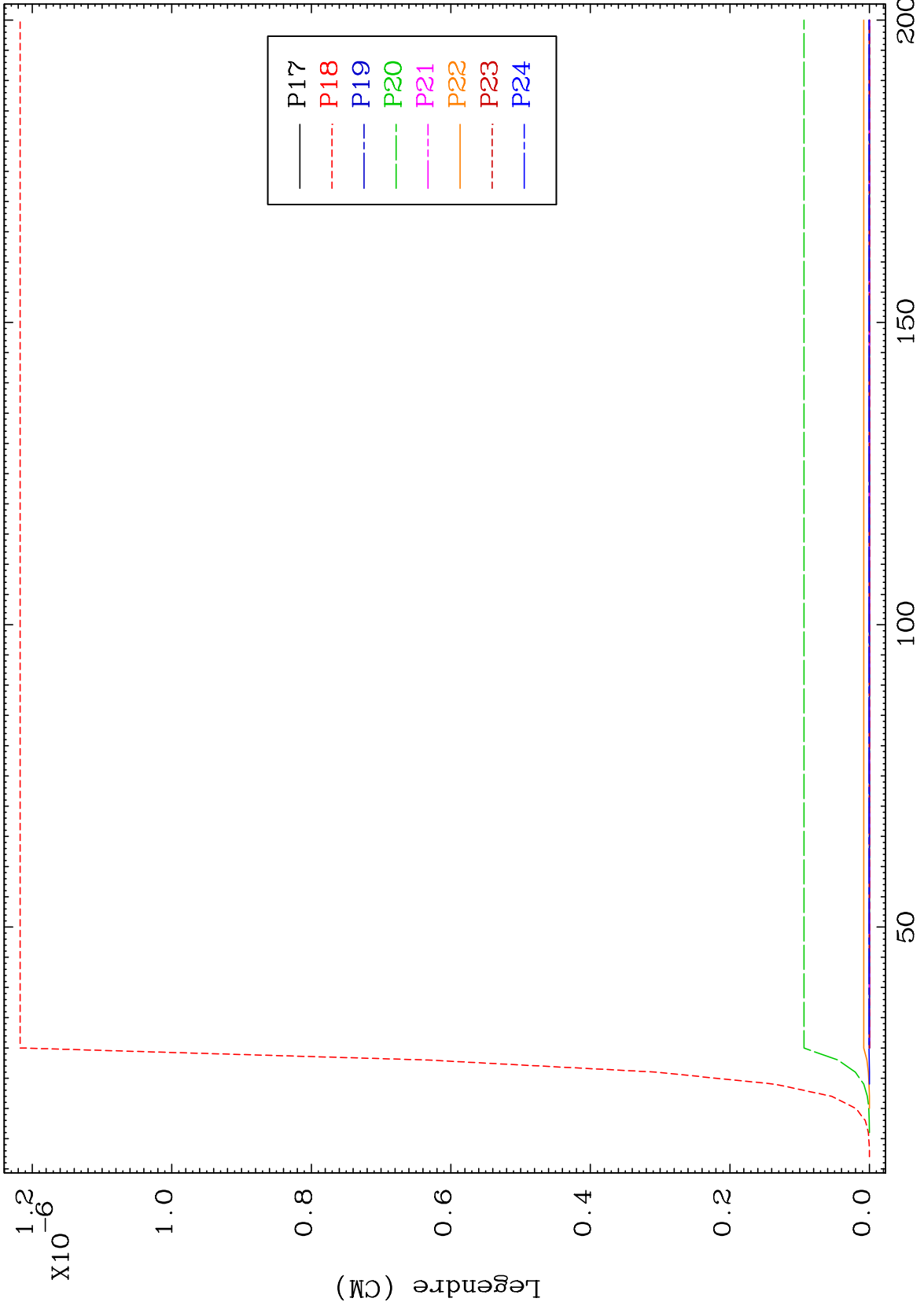
28-Ni-61



41

28-Ni-61

MAT 2834 MT= 58 (n,n') Level Legendre Coefficients 28-Ni-61

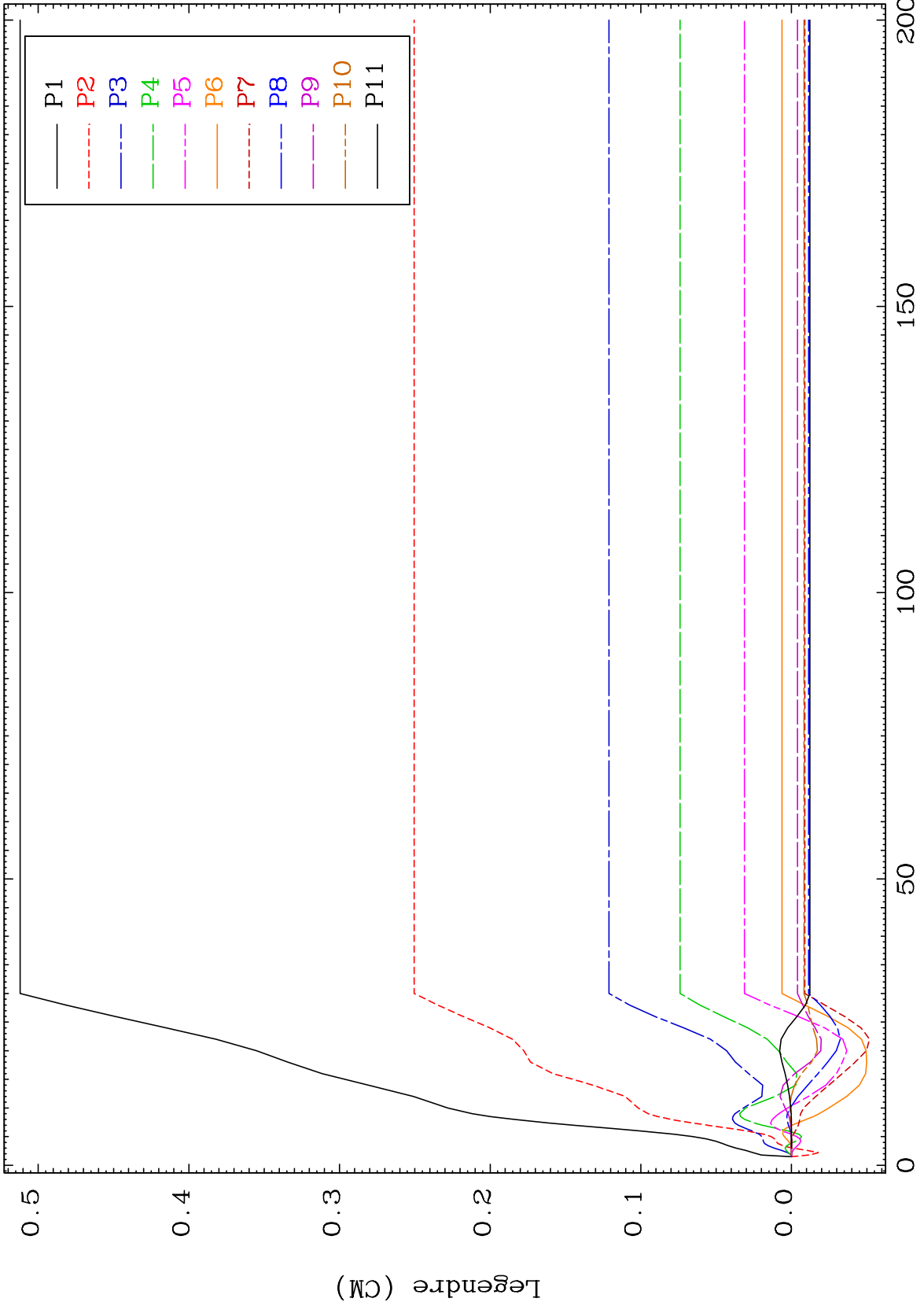


42 Incident Energy (MeV) 200 28-Ni-61

MAT 2834

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

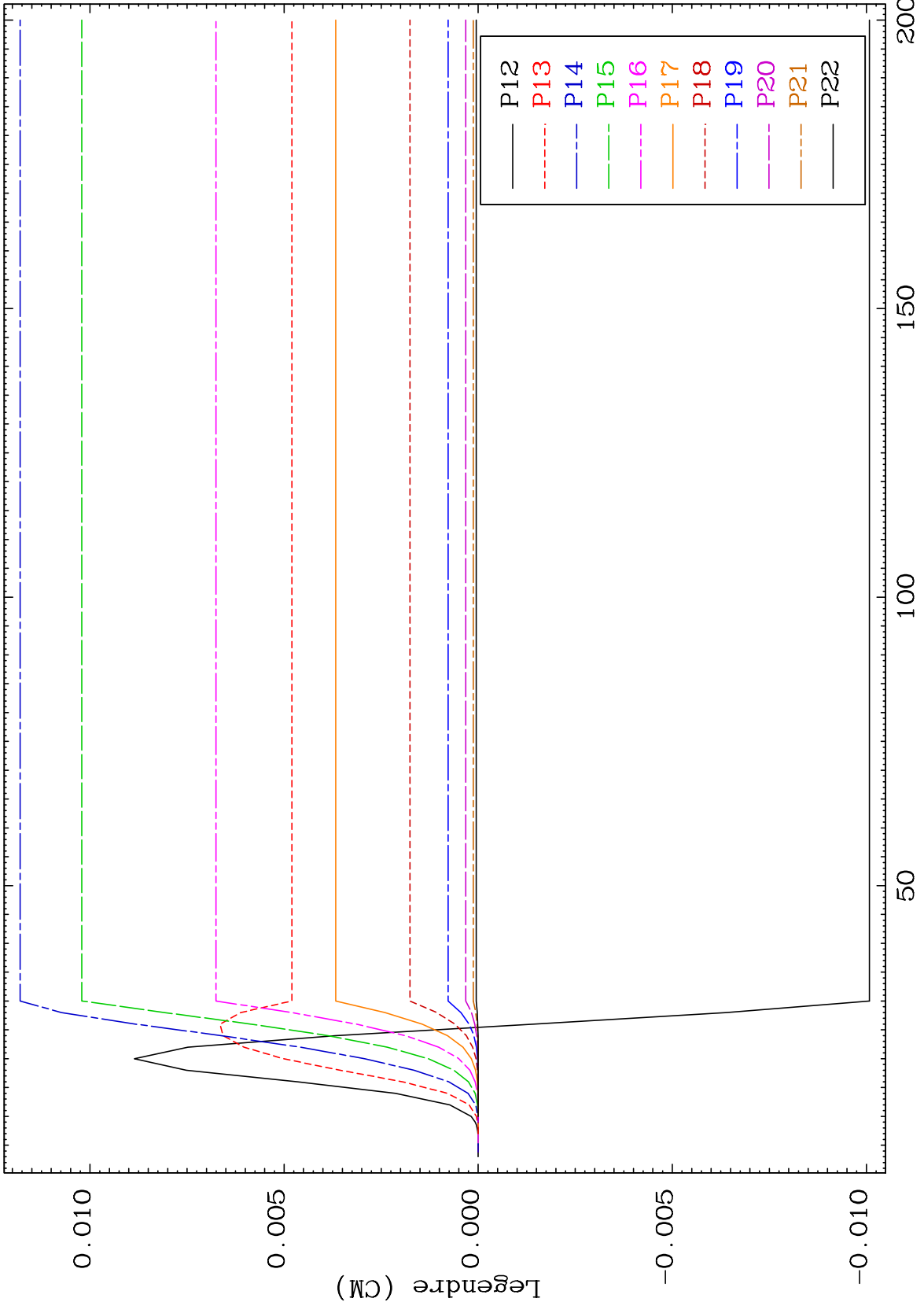
28-Ni-61



43

Incident Energy (MeV)

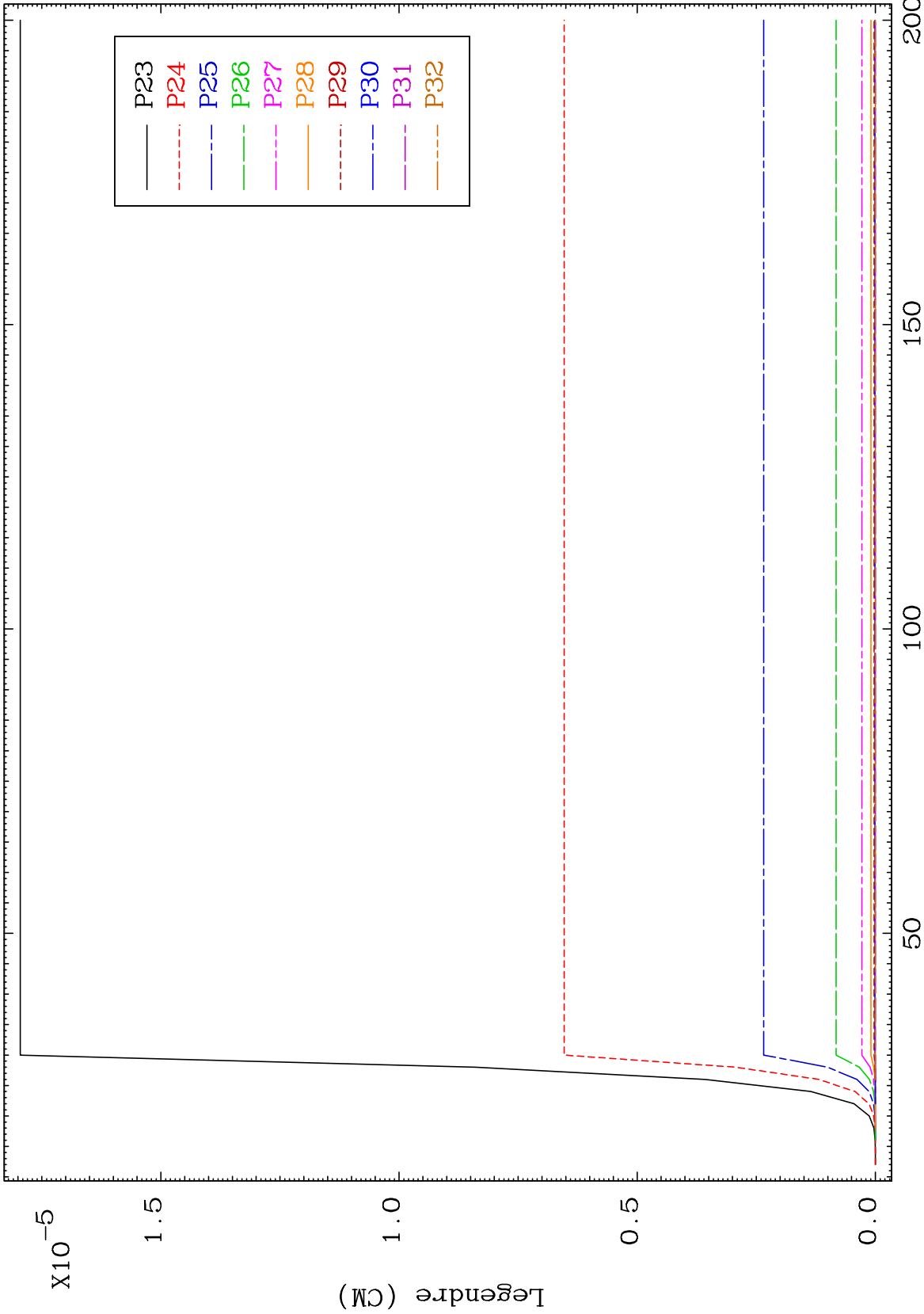
28-Ni-61



MAT 2834

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

28-Ni-61



45

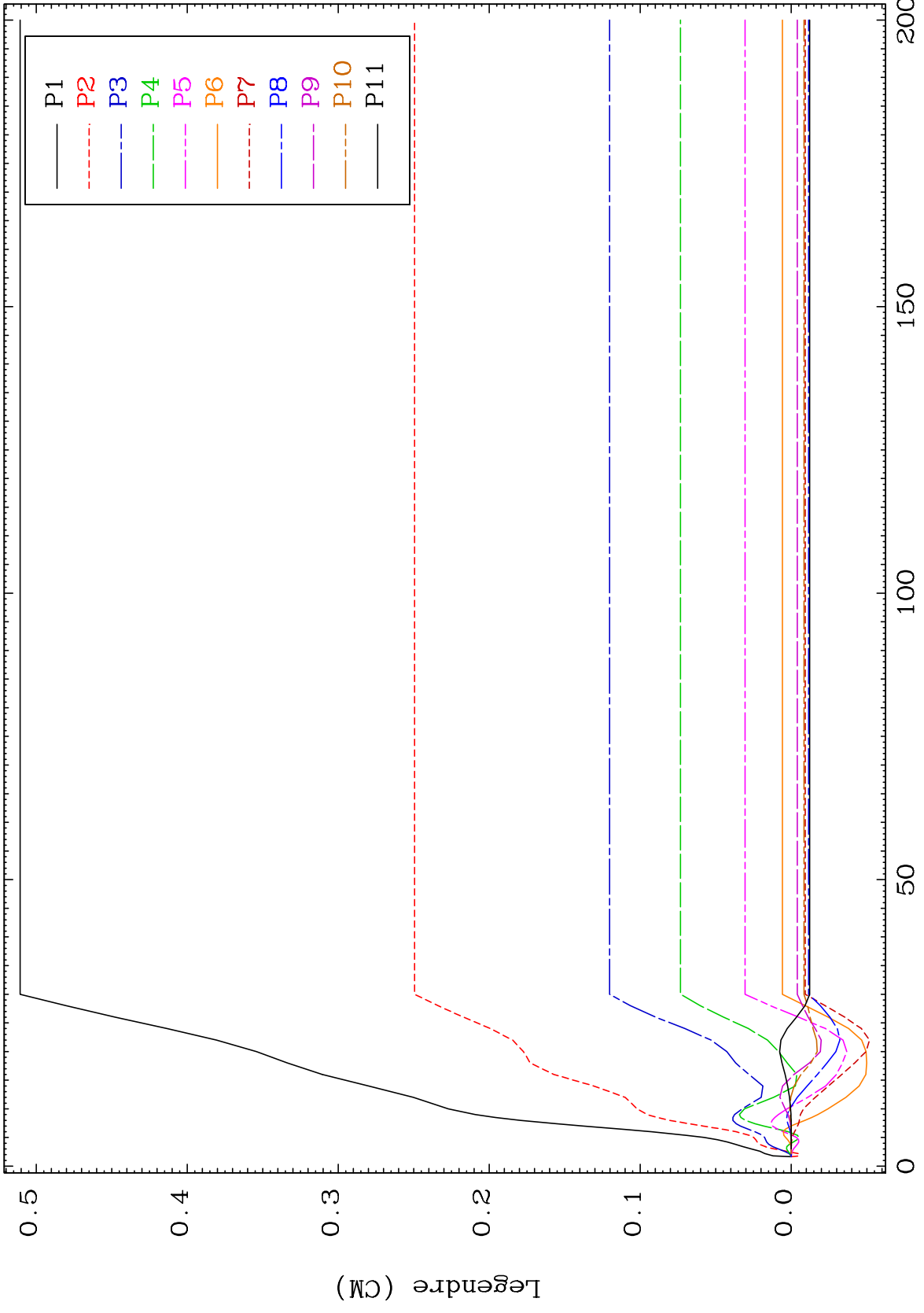
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



46

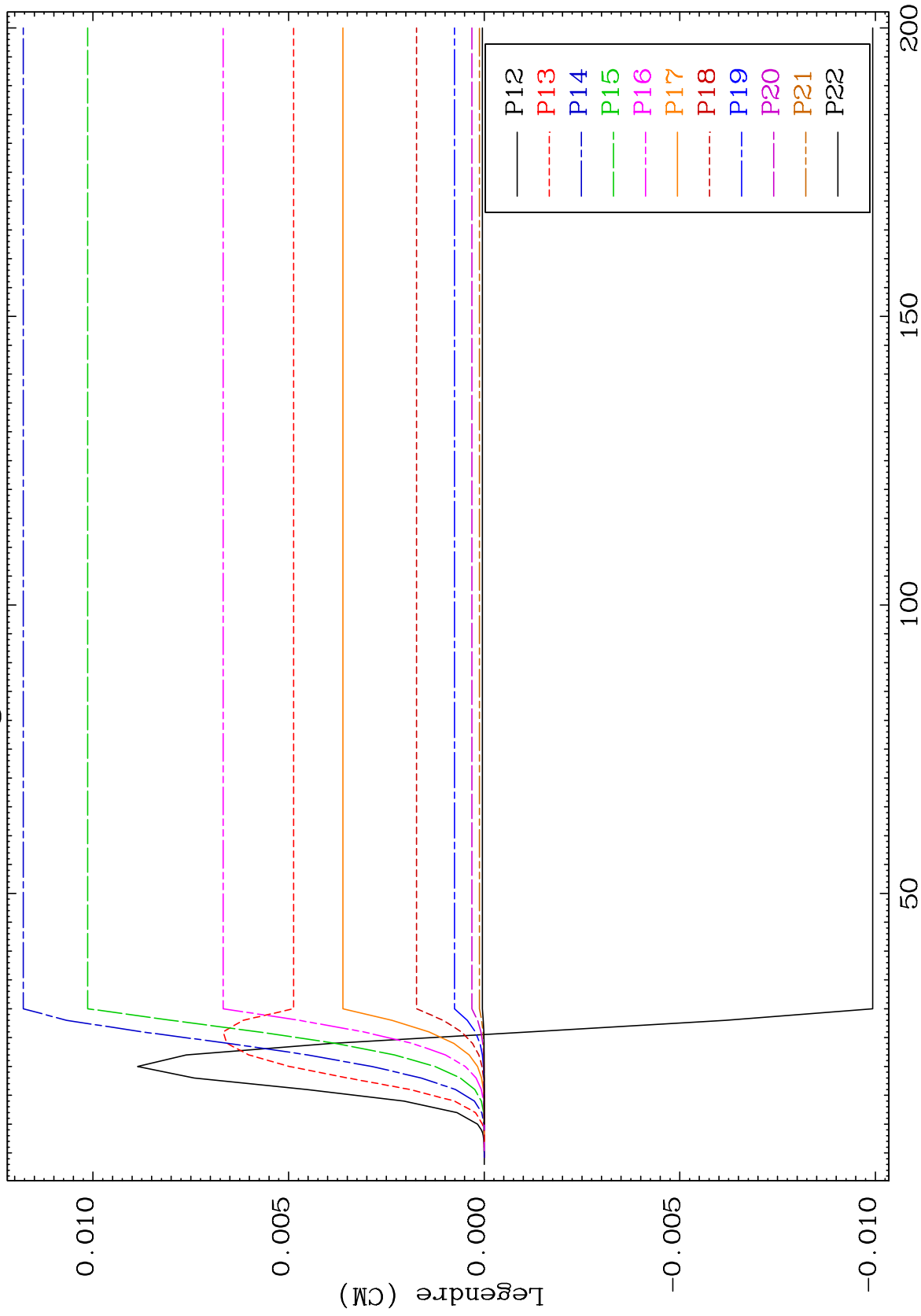
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



47

Incident Energy (MeV)

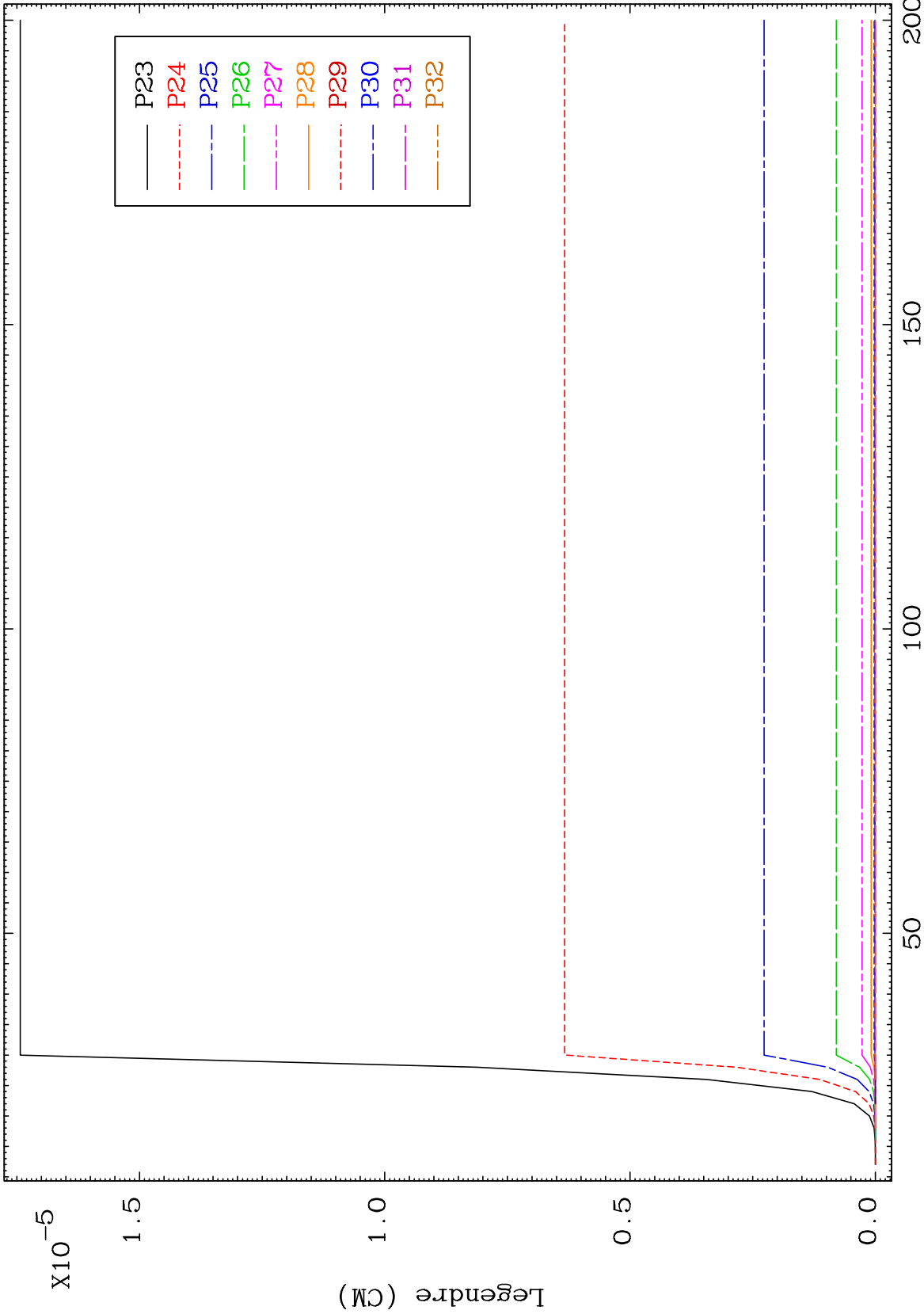
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MAT 2834

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

28-Ni-61



48

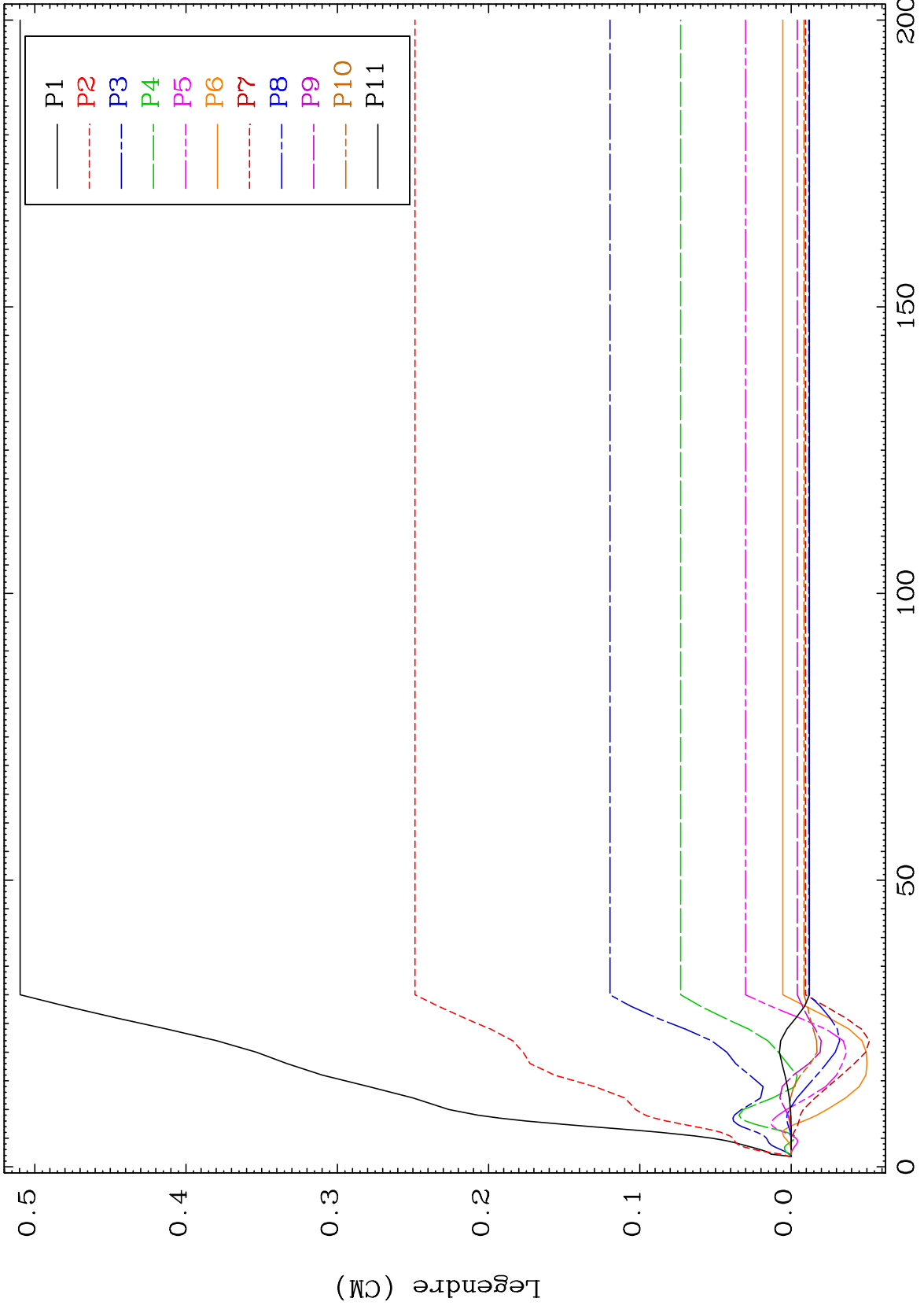
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



49

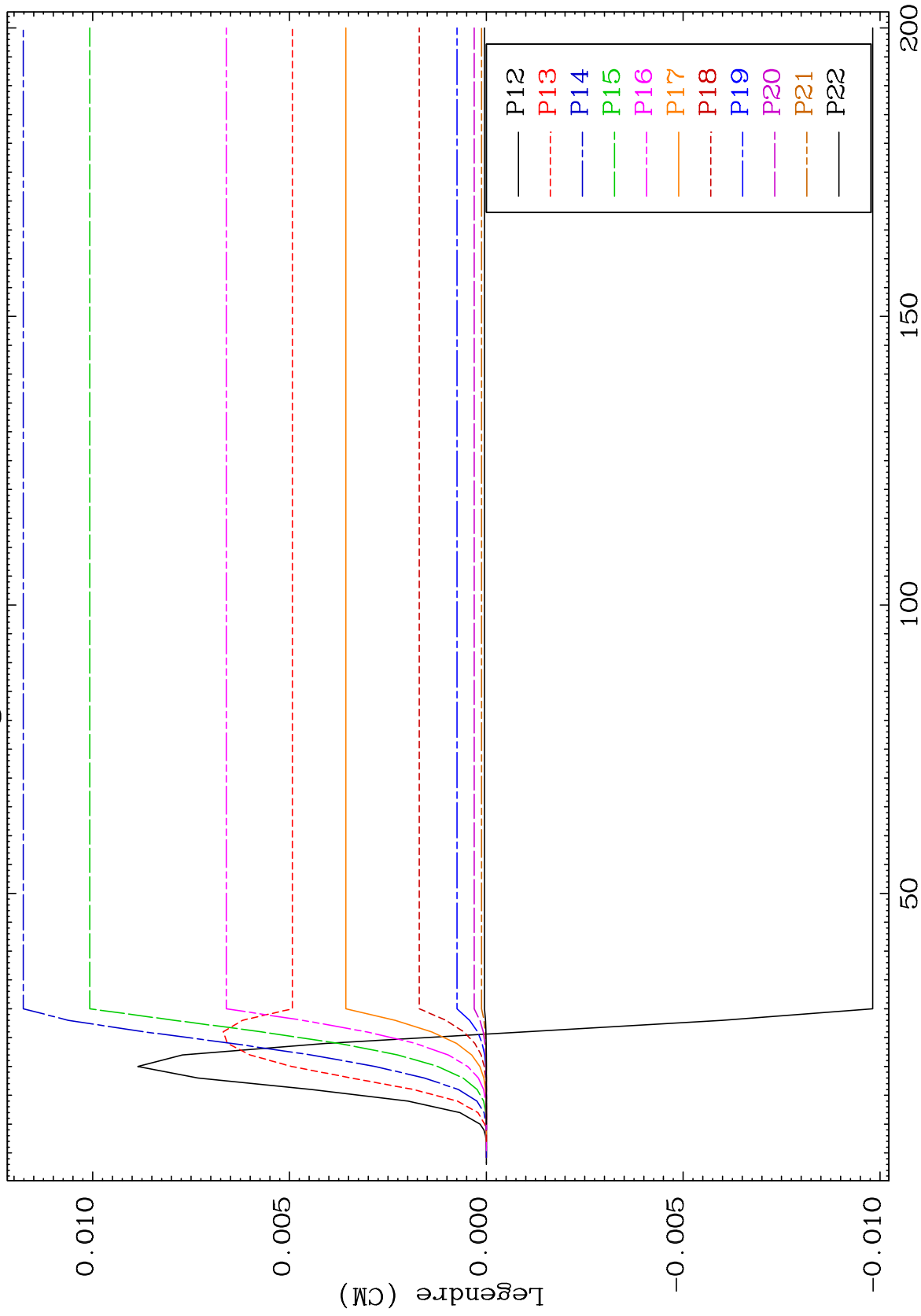
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



50

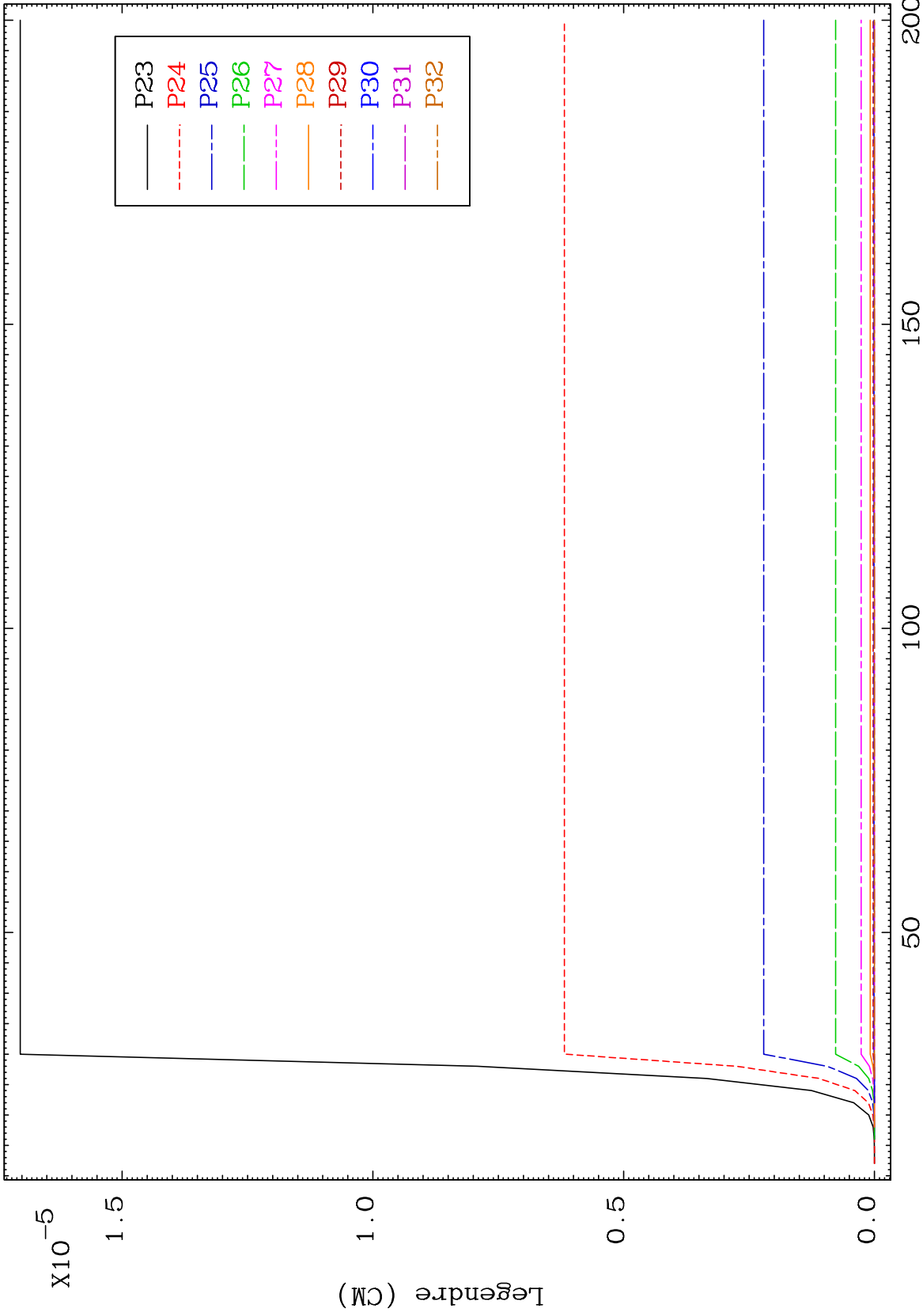
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



51

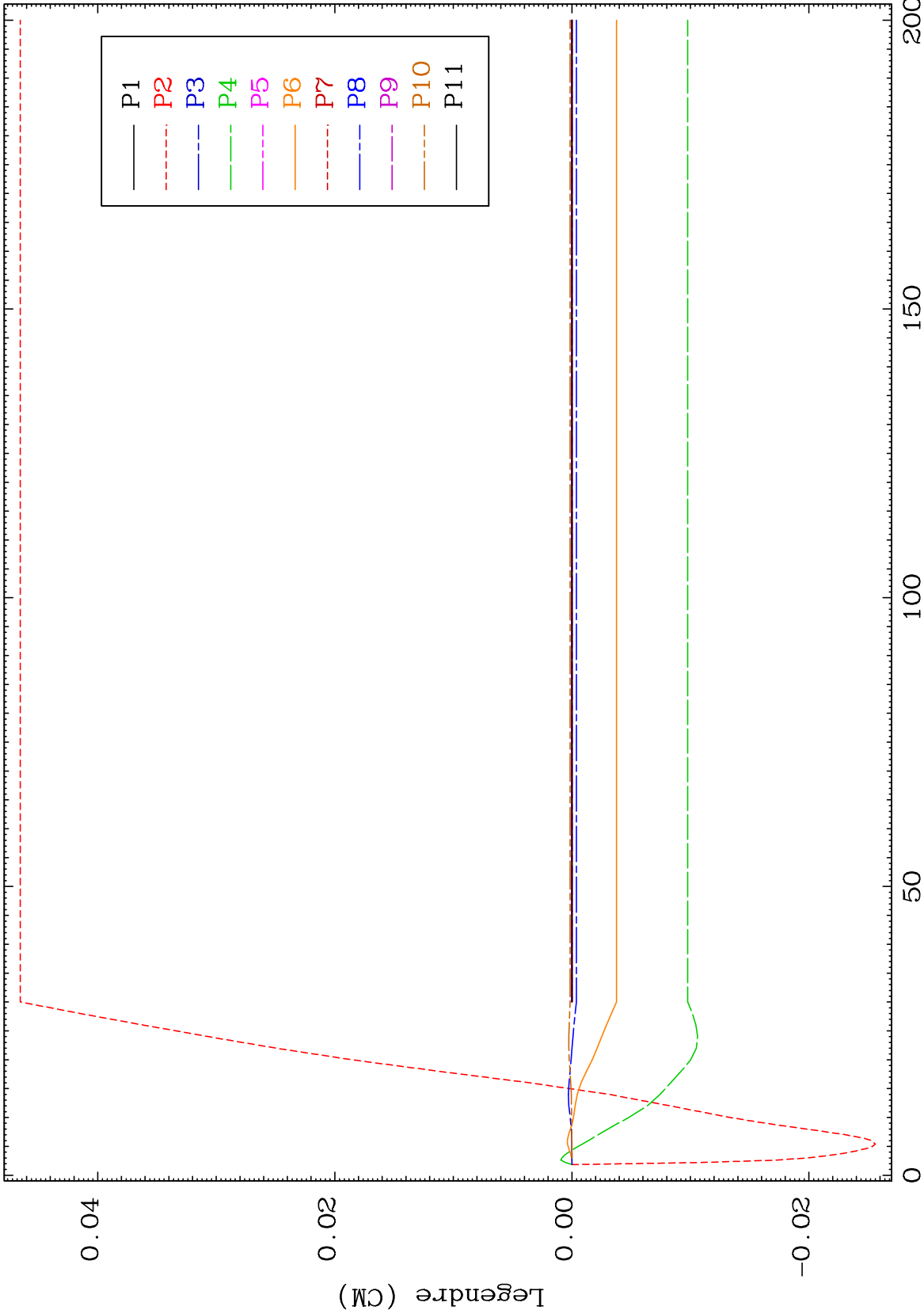
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



52

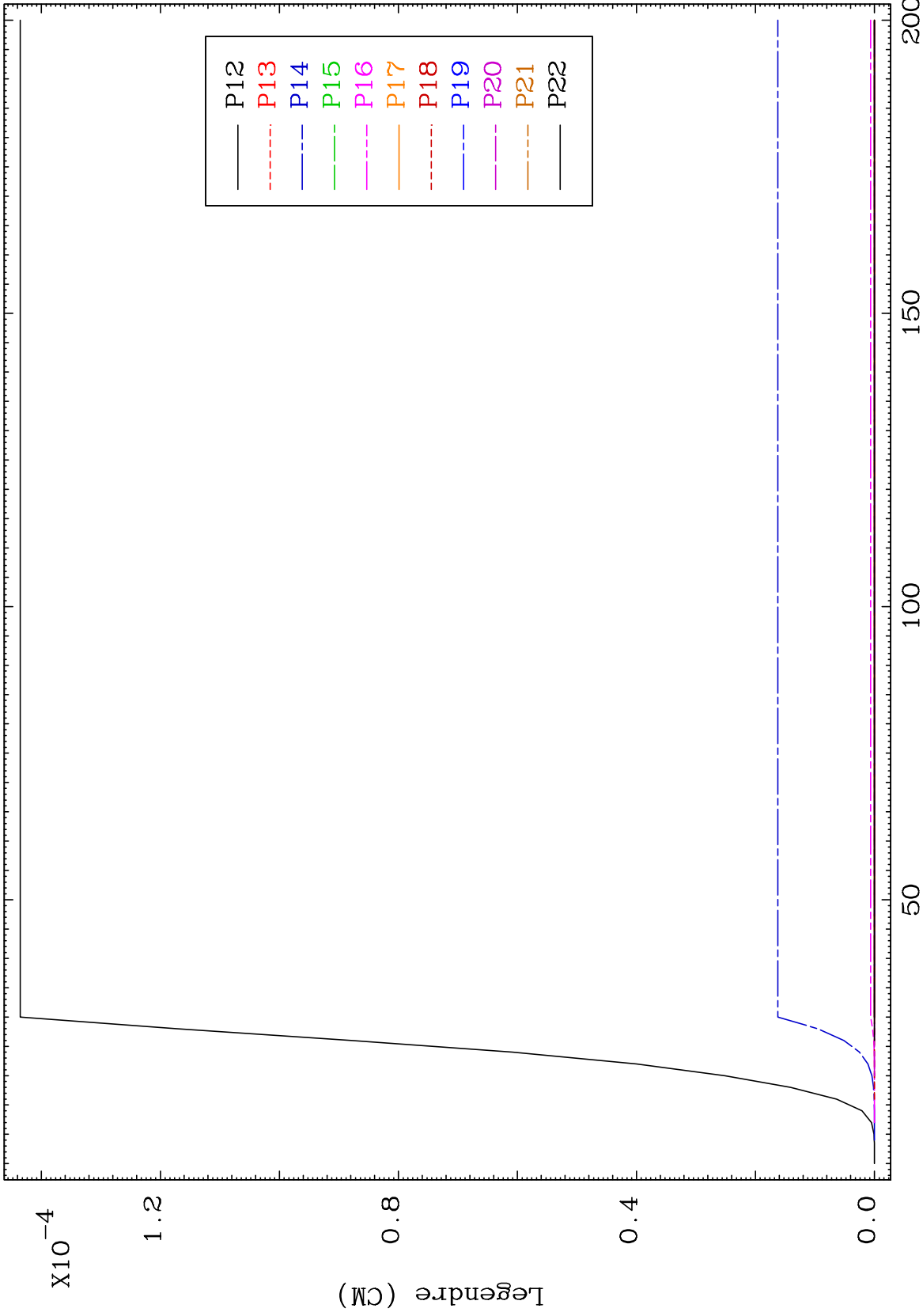
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61

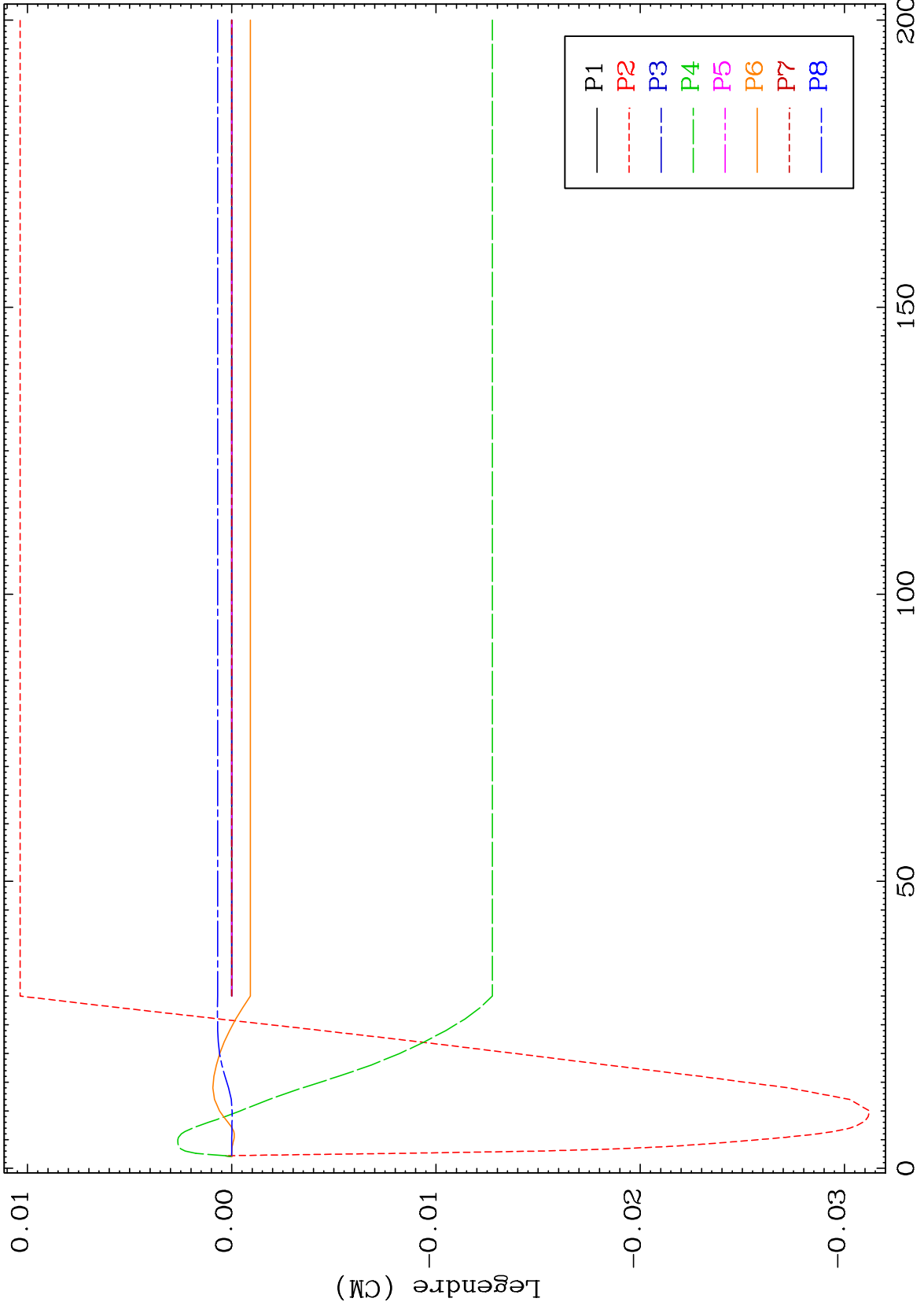


53

Incident Energy (MeV)

28-Ni-61

MAT 2834 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-61

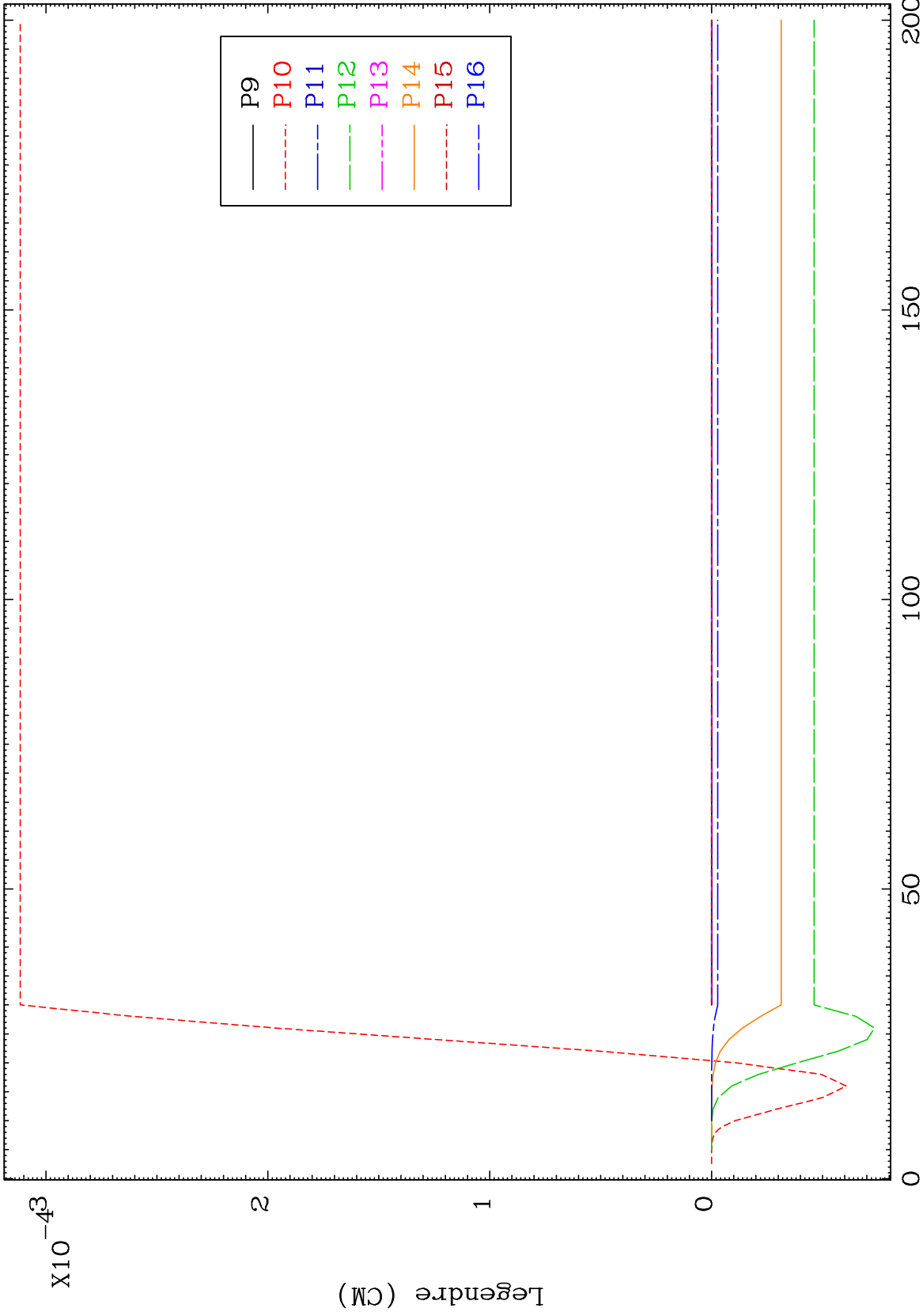


54 28-Ni-61

MAT 2834

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

28-Ni-61



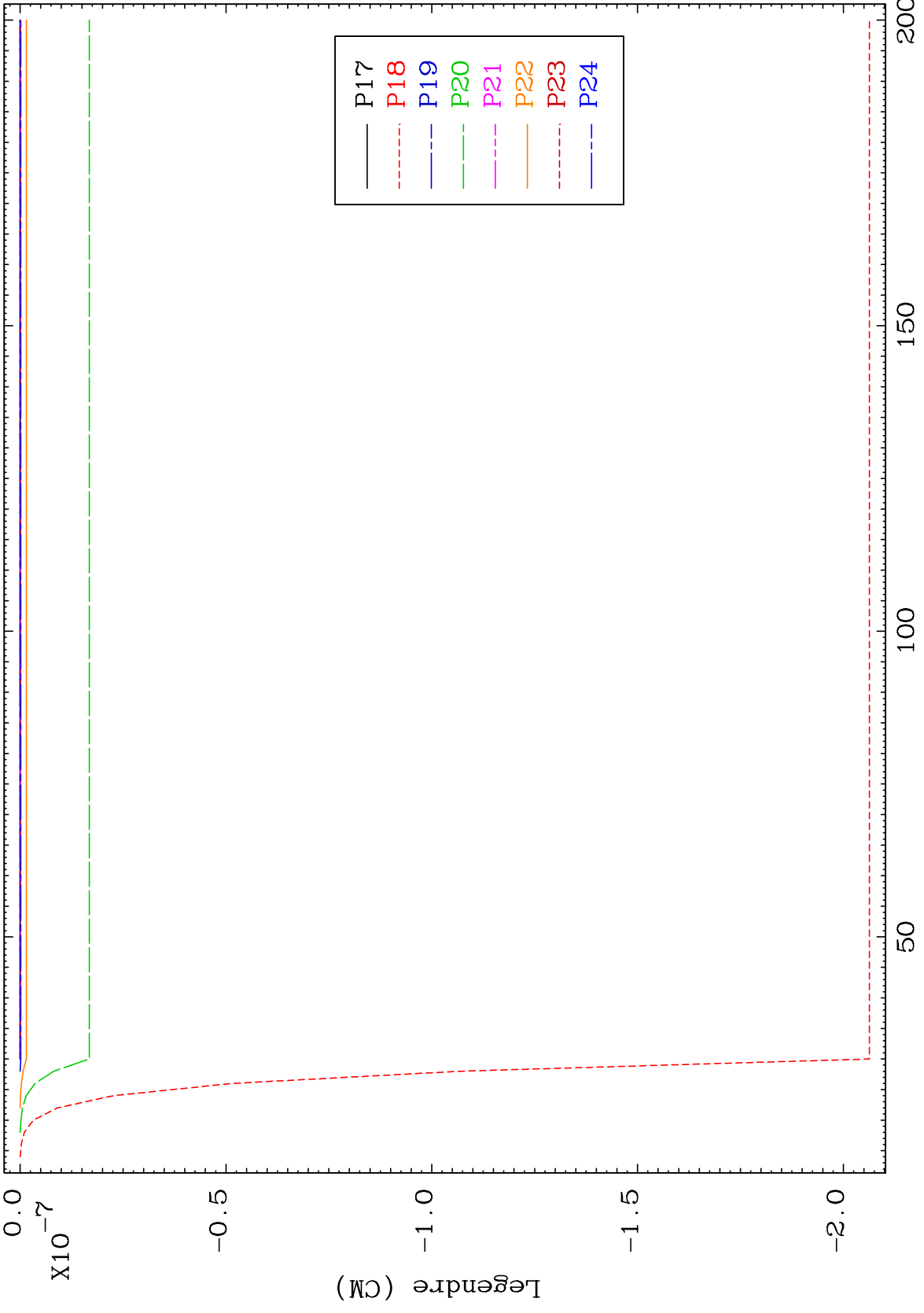
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Incident Energy (MeV)

28-Ni-61

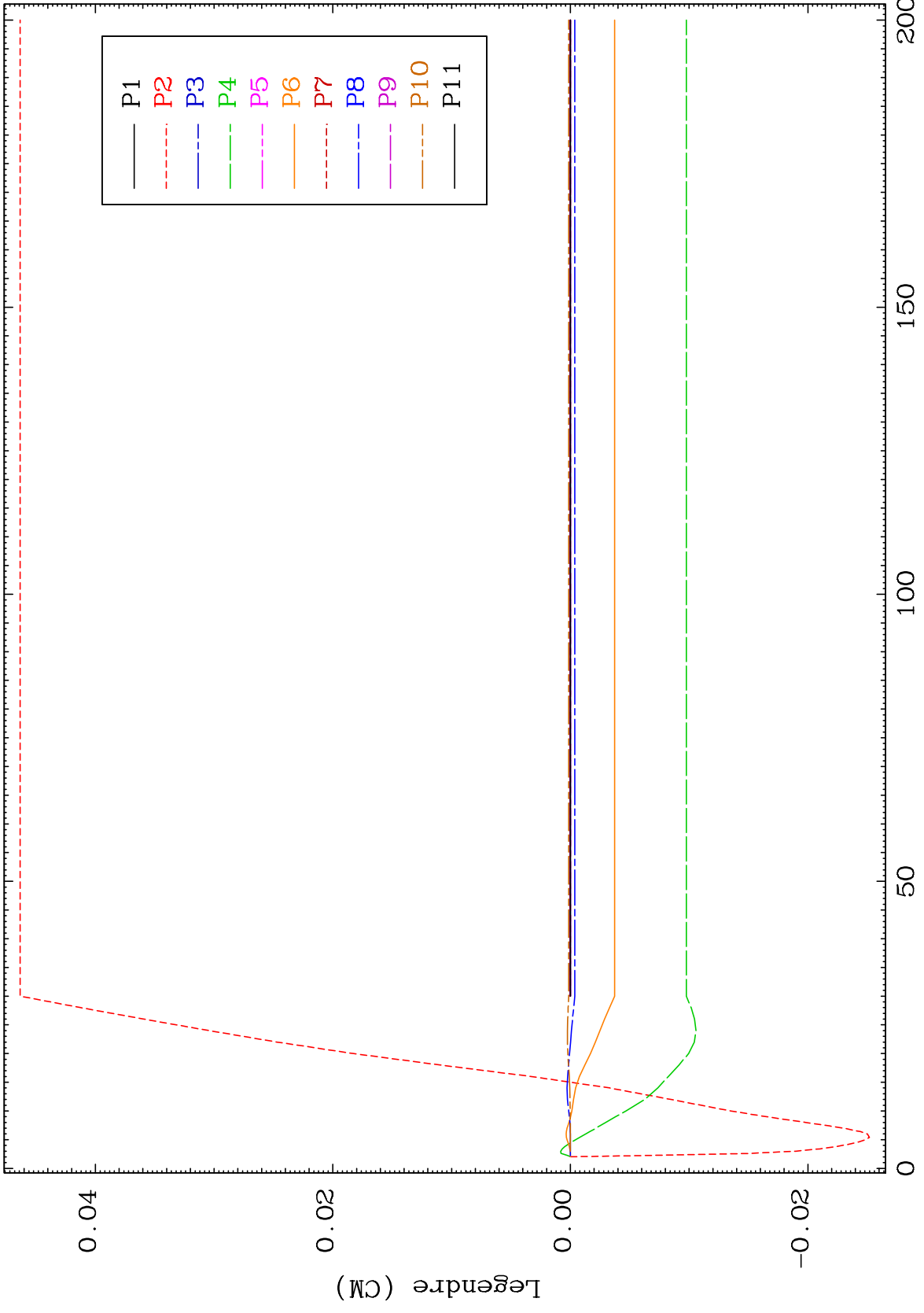


MAT 2834 MT= 63 (n,n') Level Legendre Coefficients 28-Ni-61



56 Incident Energy (MeV) 200 28-Ni-61

MAT 2834 MT= 64 (n,n') Level Legendre Coefficients 28-Ni-61

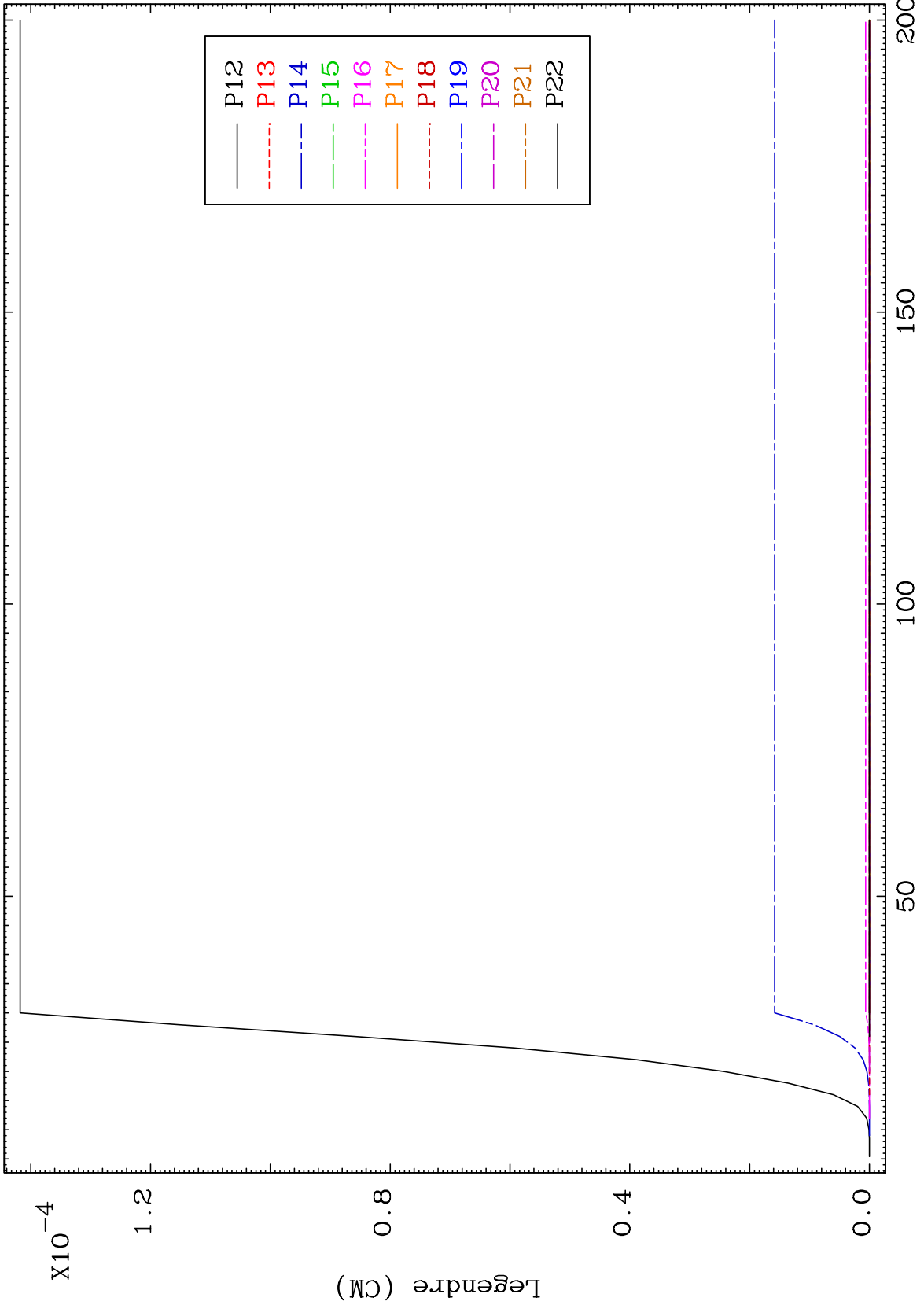


57 Incident Energy (MeV) 28-Ni-61

MAT 2834

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

28-Ni-61

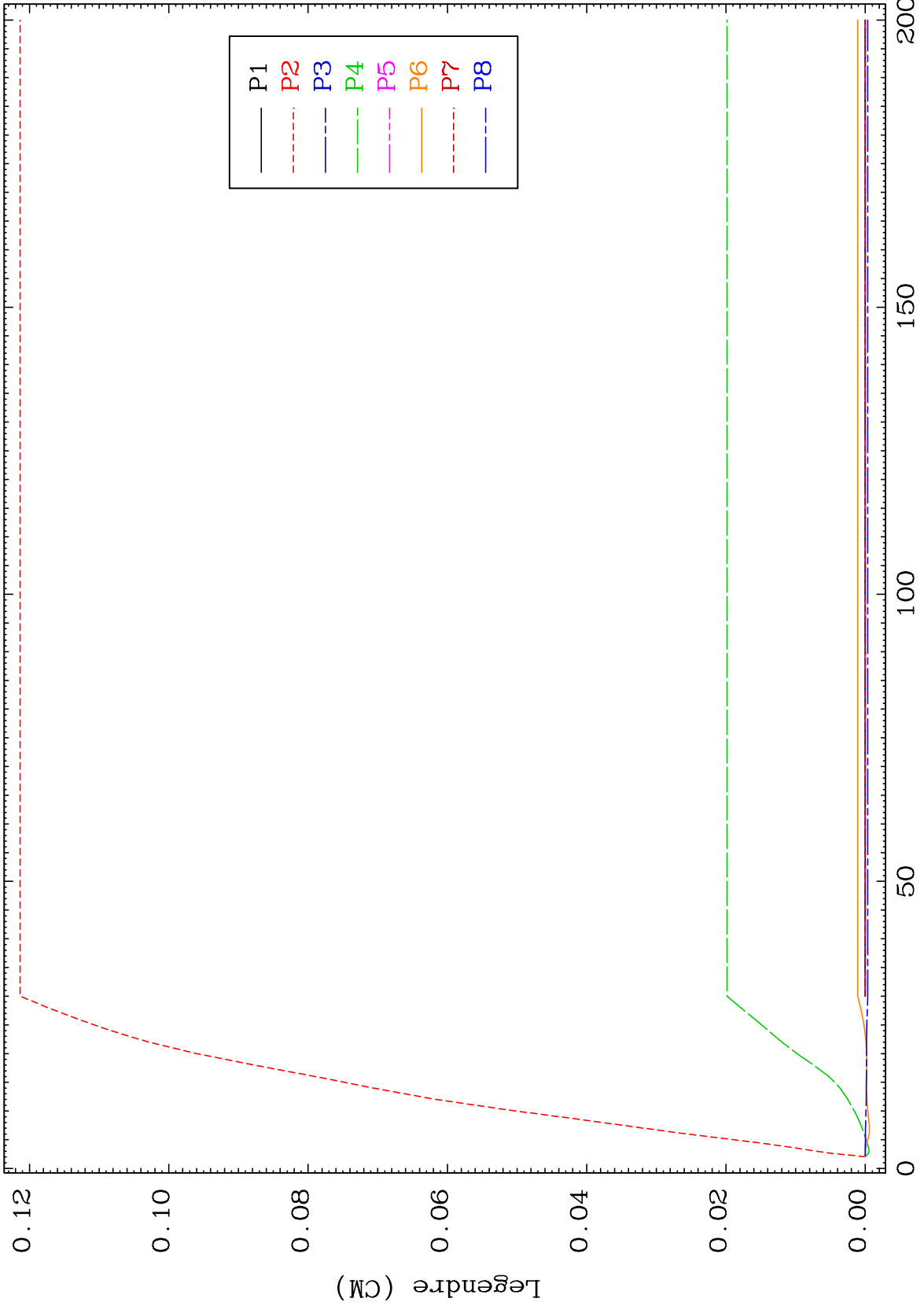


58

Incident Energy (MeV)

28-Ni-61

MAT 2834 MT= 65 (n,n') Level Legendre Coefficients 28-Ni-61

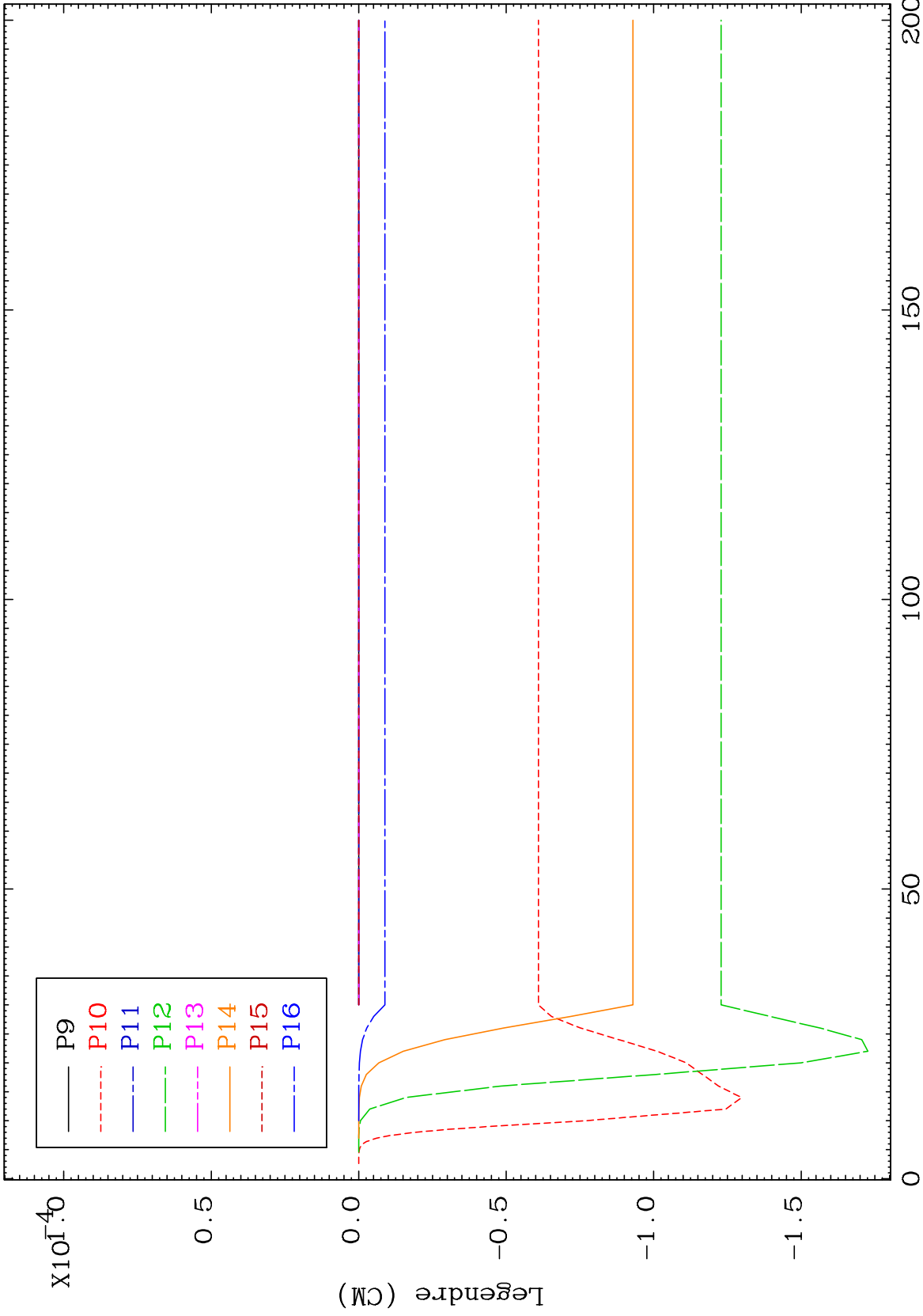


59 Incident Energy (MeV) 28-Ni-61

MAT 2834

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

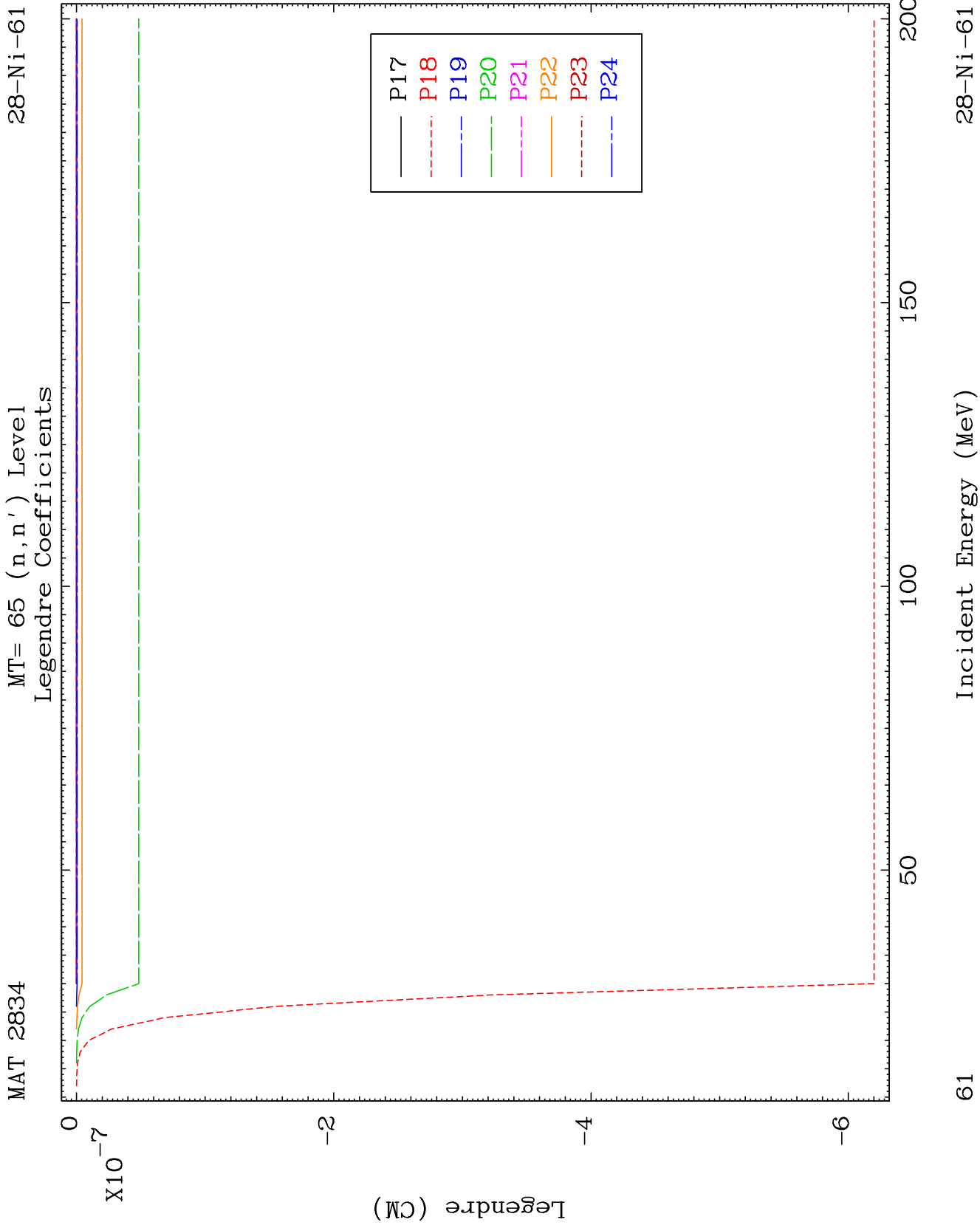
28-Ni-61



60

Incident Energy (MeV)

28-Ni-61

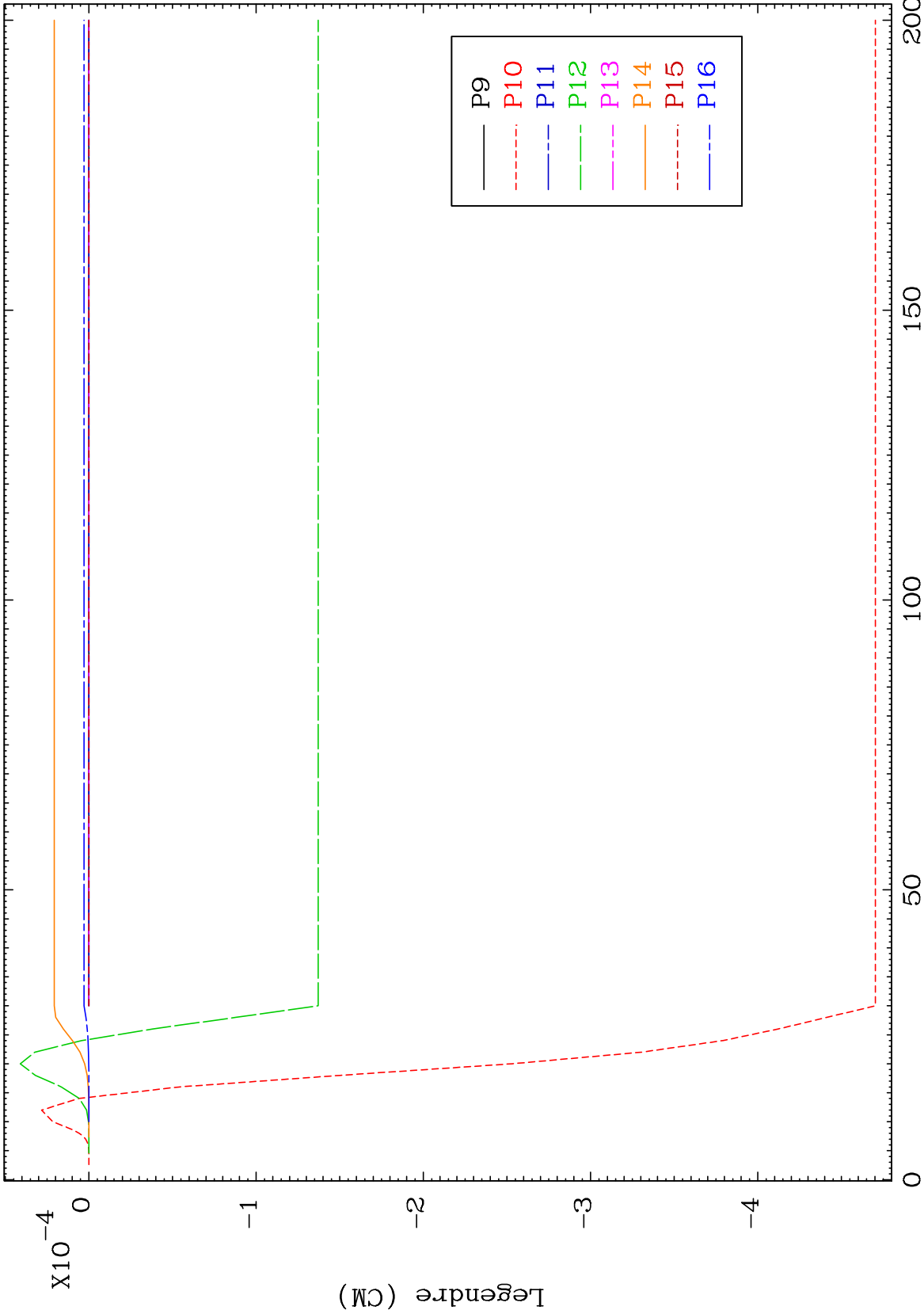




MAT 2834

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

28-Ni-61



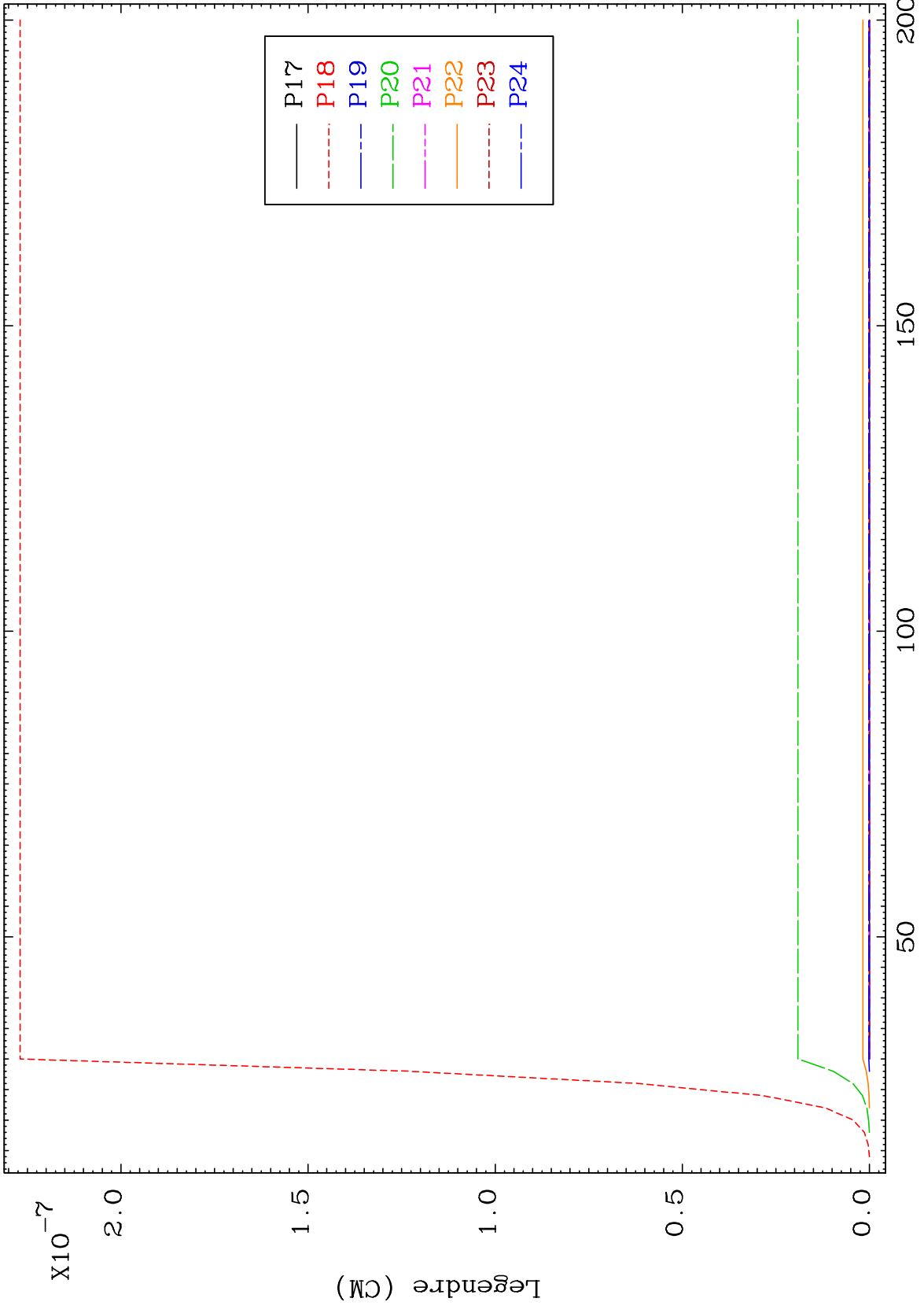
63

Incident Energy (MeV)

28-Ni-61



MAT 2834 MT= 66 (n,n') Level Legendre Coefficients 28-Ni-61

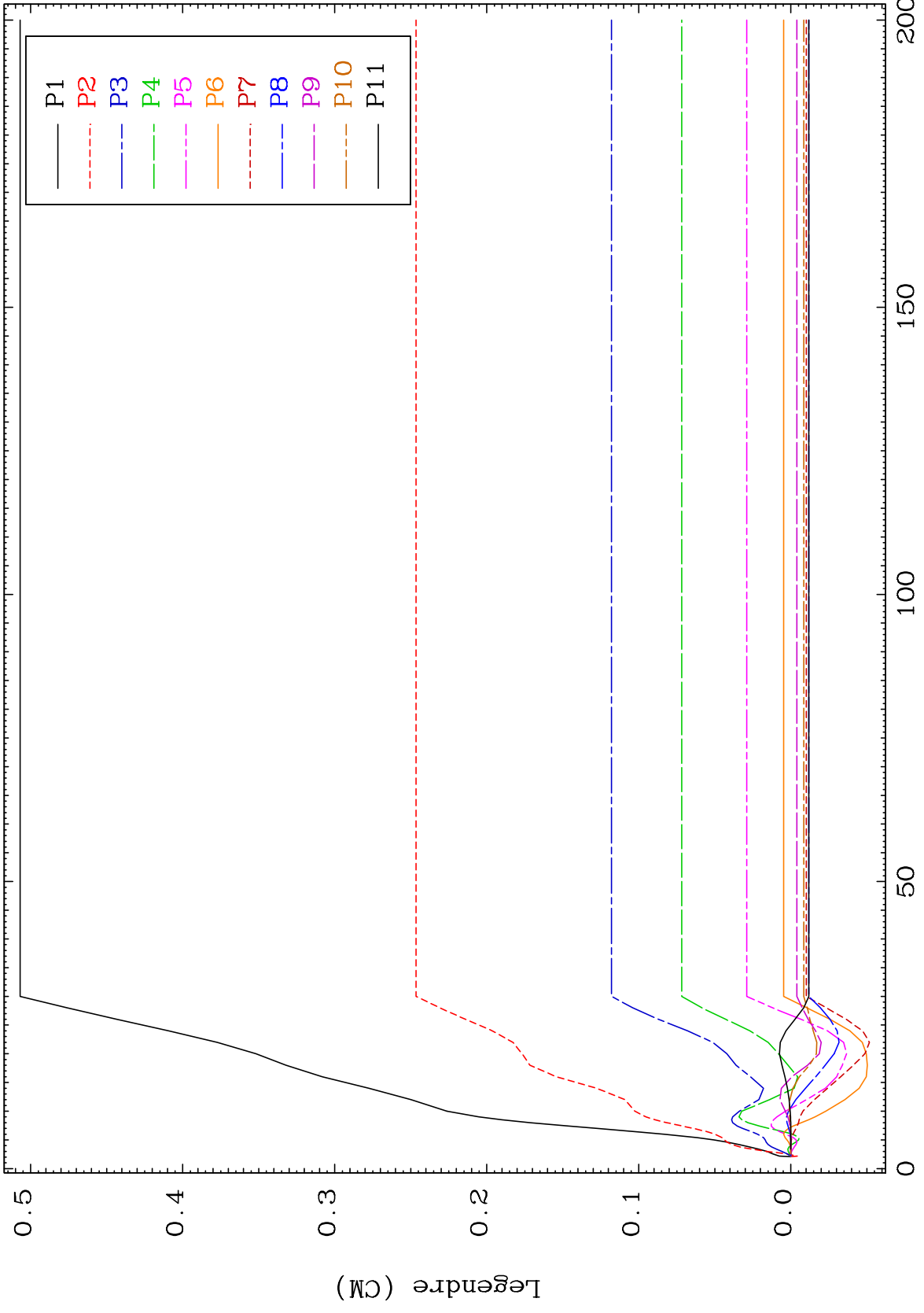


64 Incident Energy (MeV) 28-Ni-61

MAT 2834

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

28-Ni-61



65

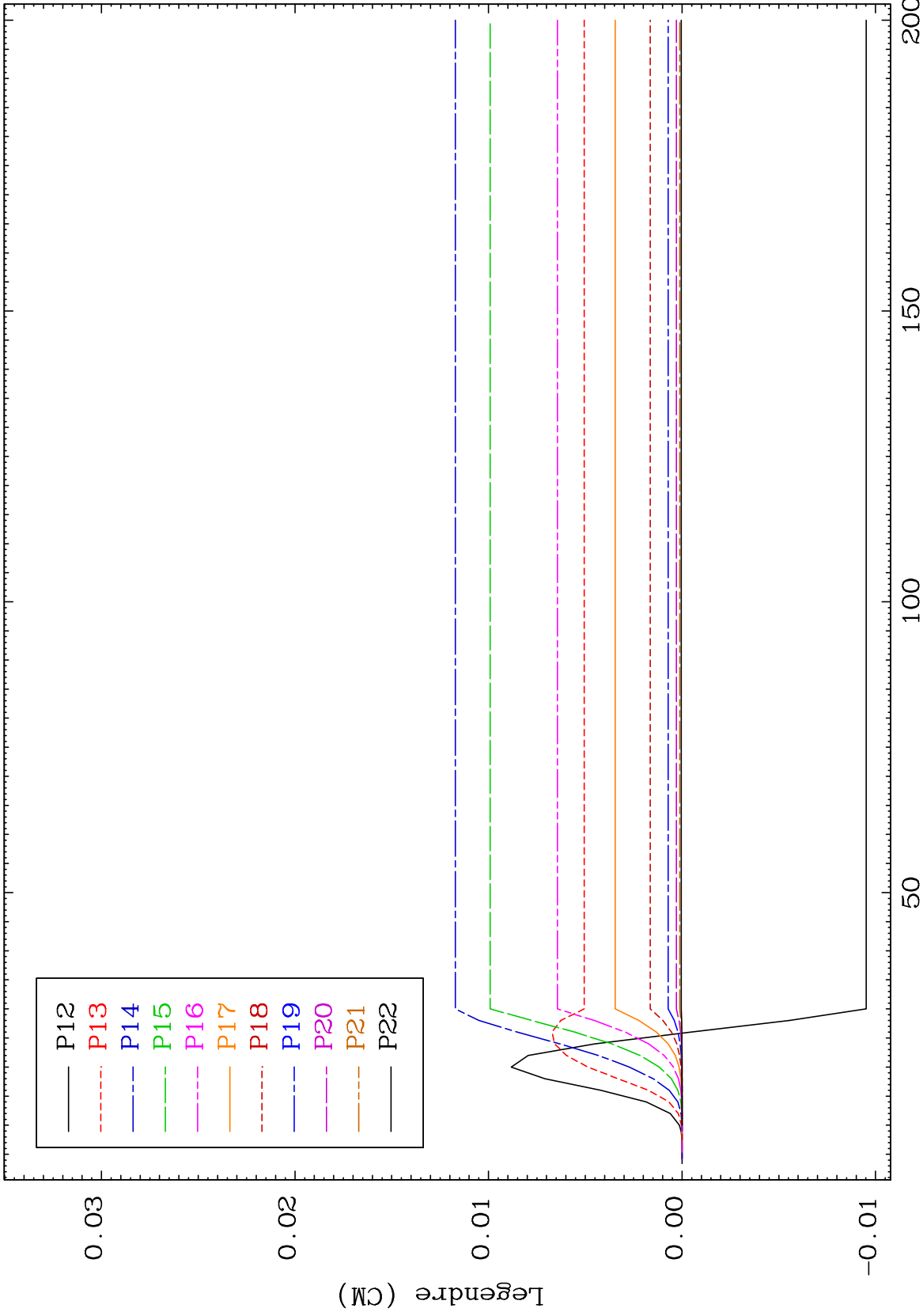
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



66

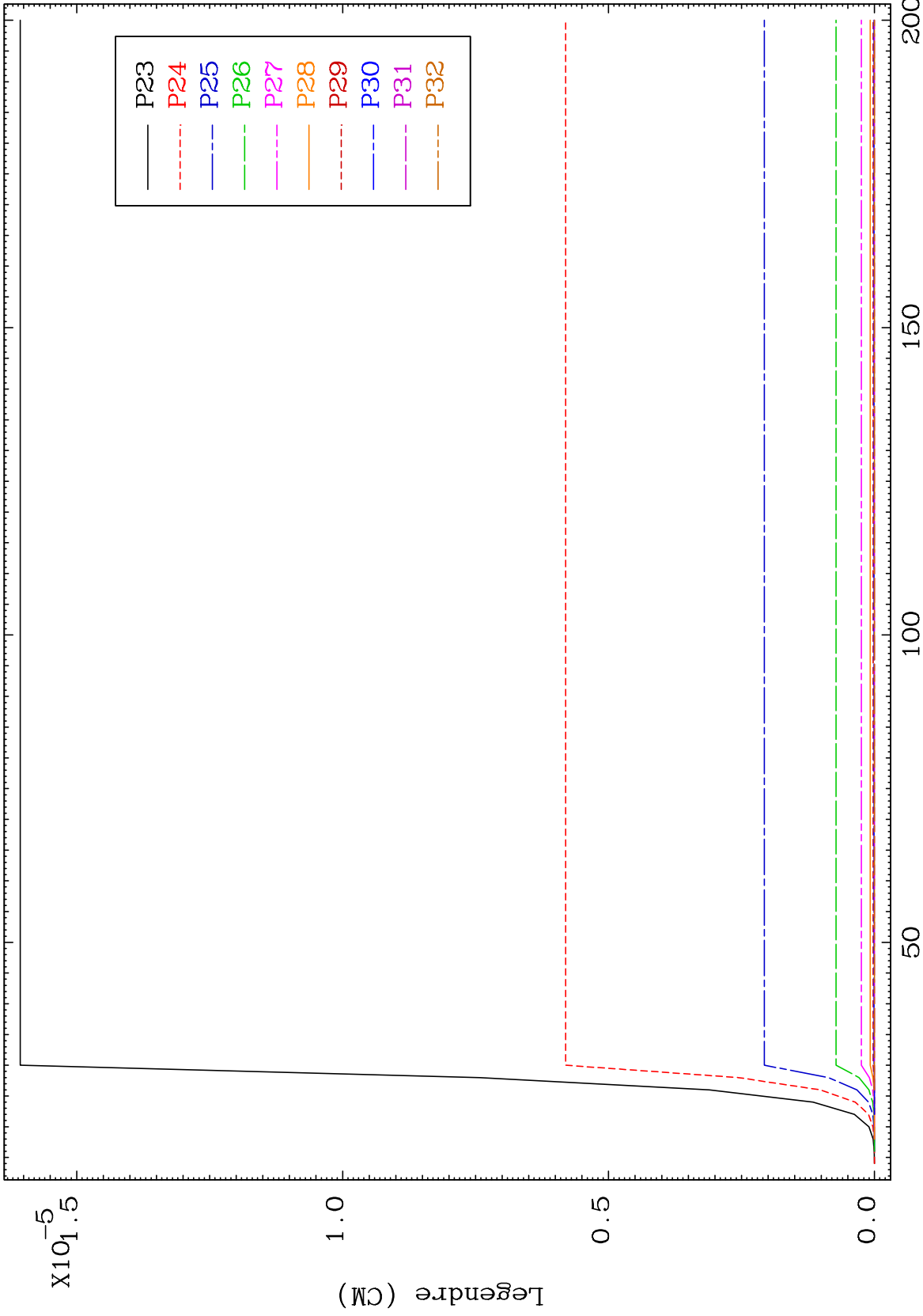
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61

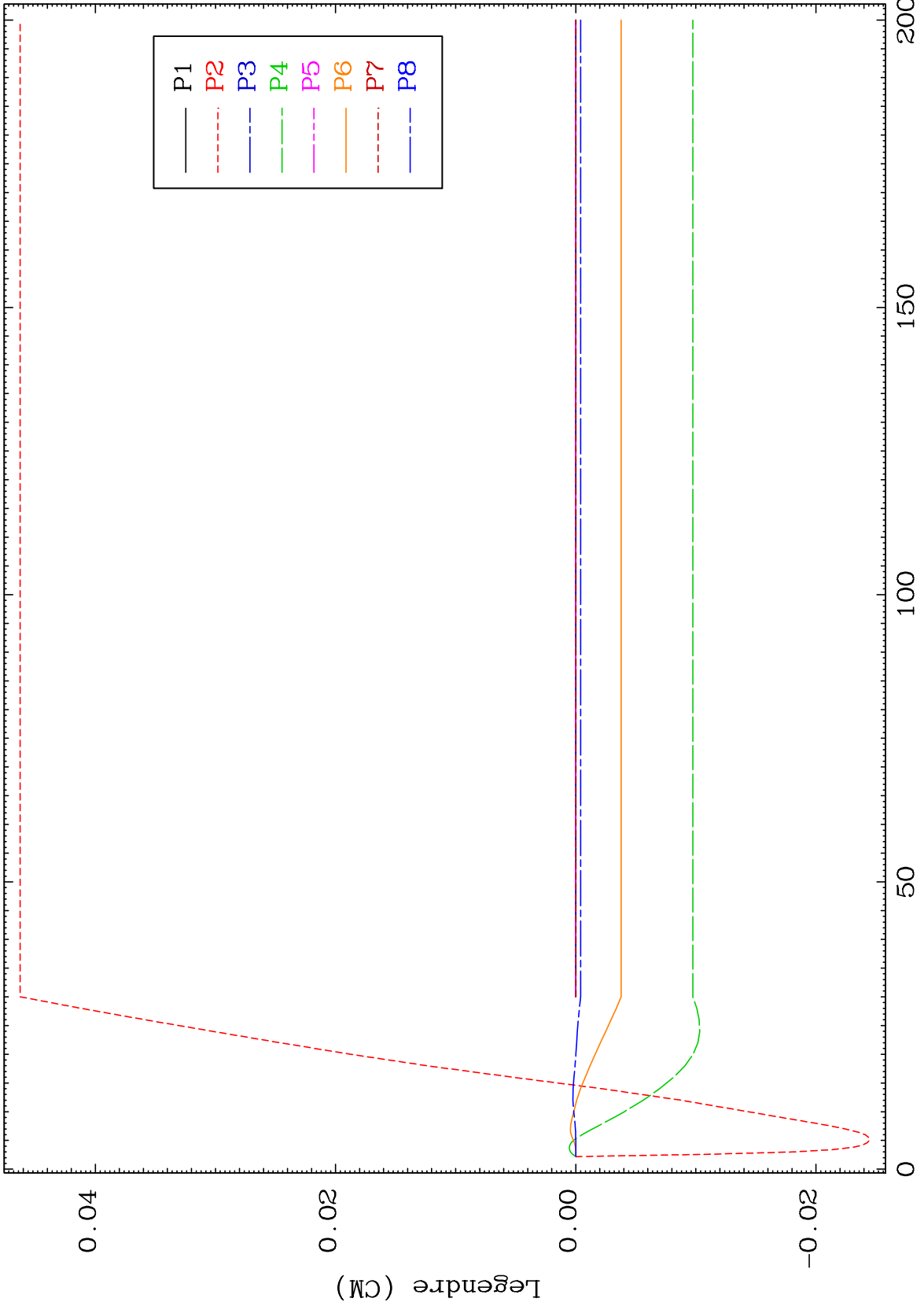


67

Incident Energy (MeV)

28-Ni-61

MAT 2834 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-61

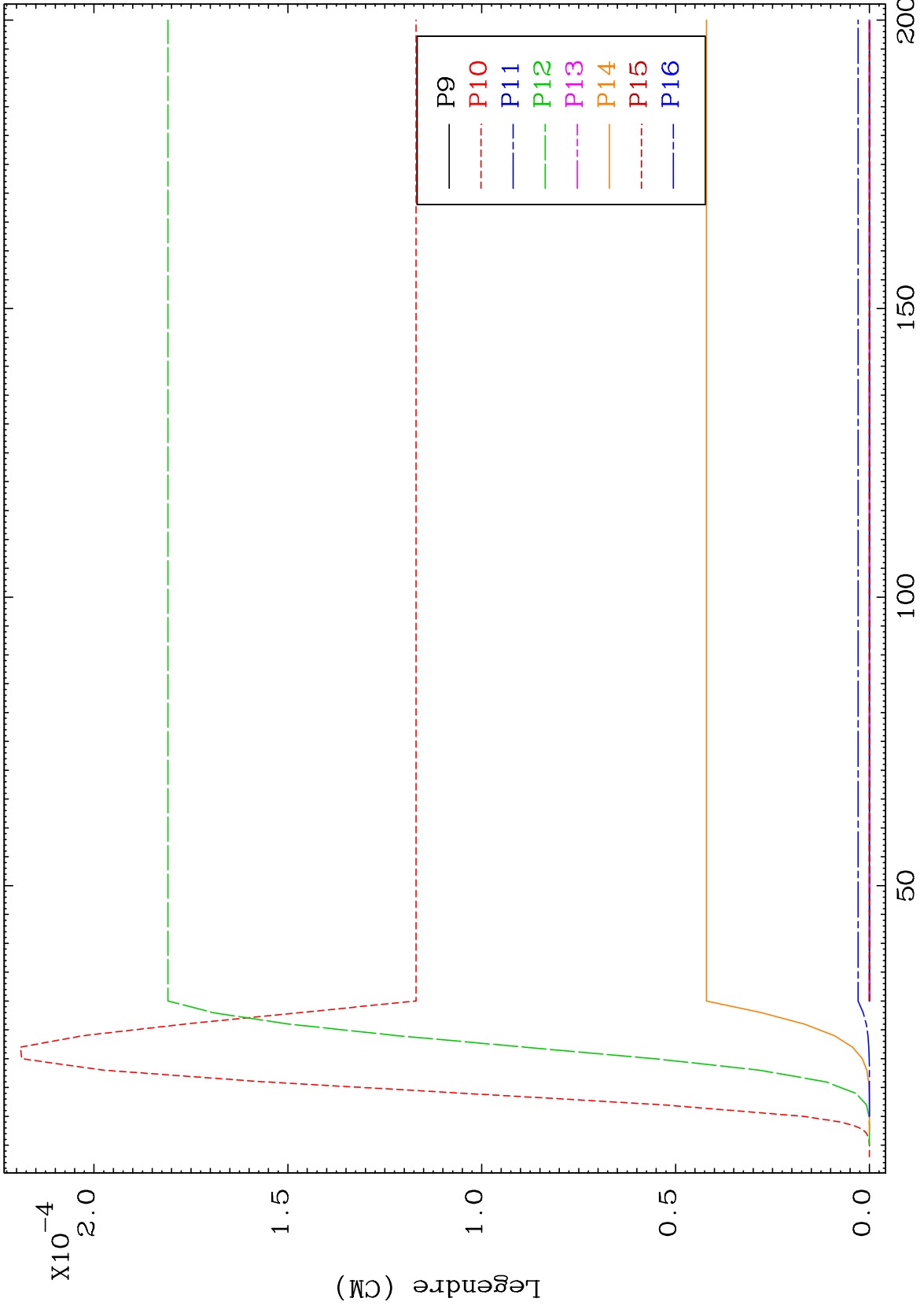


68 28-Ni-61

MAT 2834

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

28-Ni-61

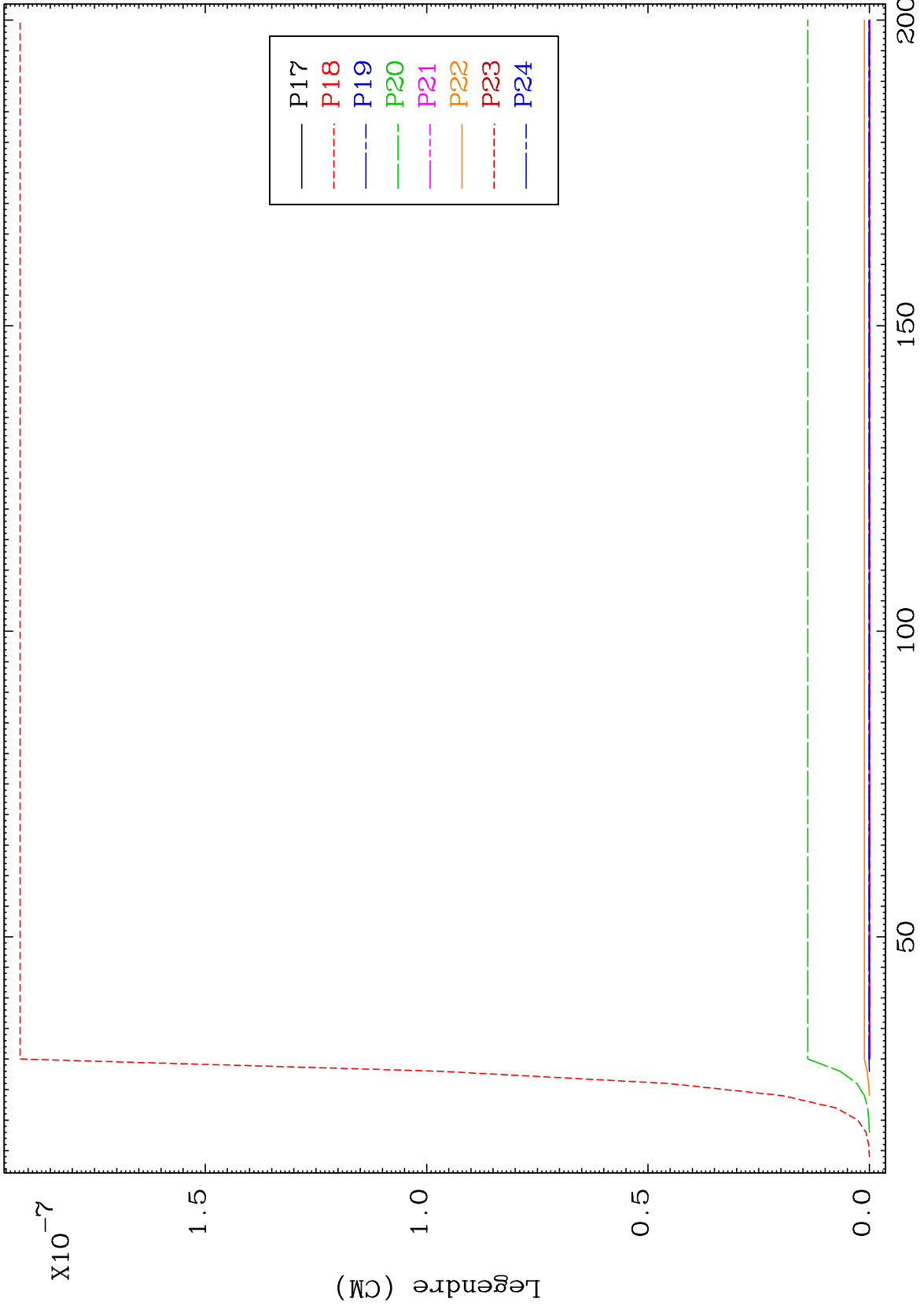


69

Incident Energy (MeV)

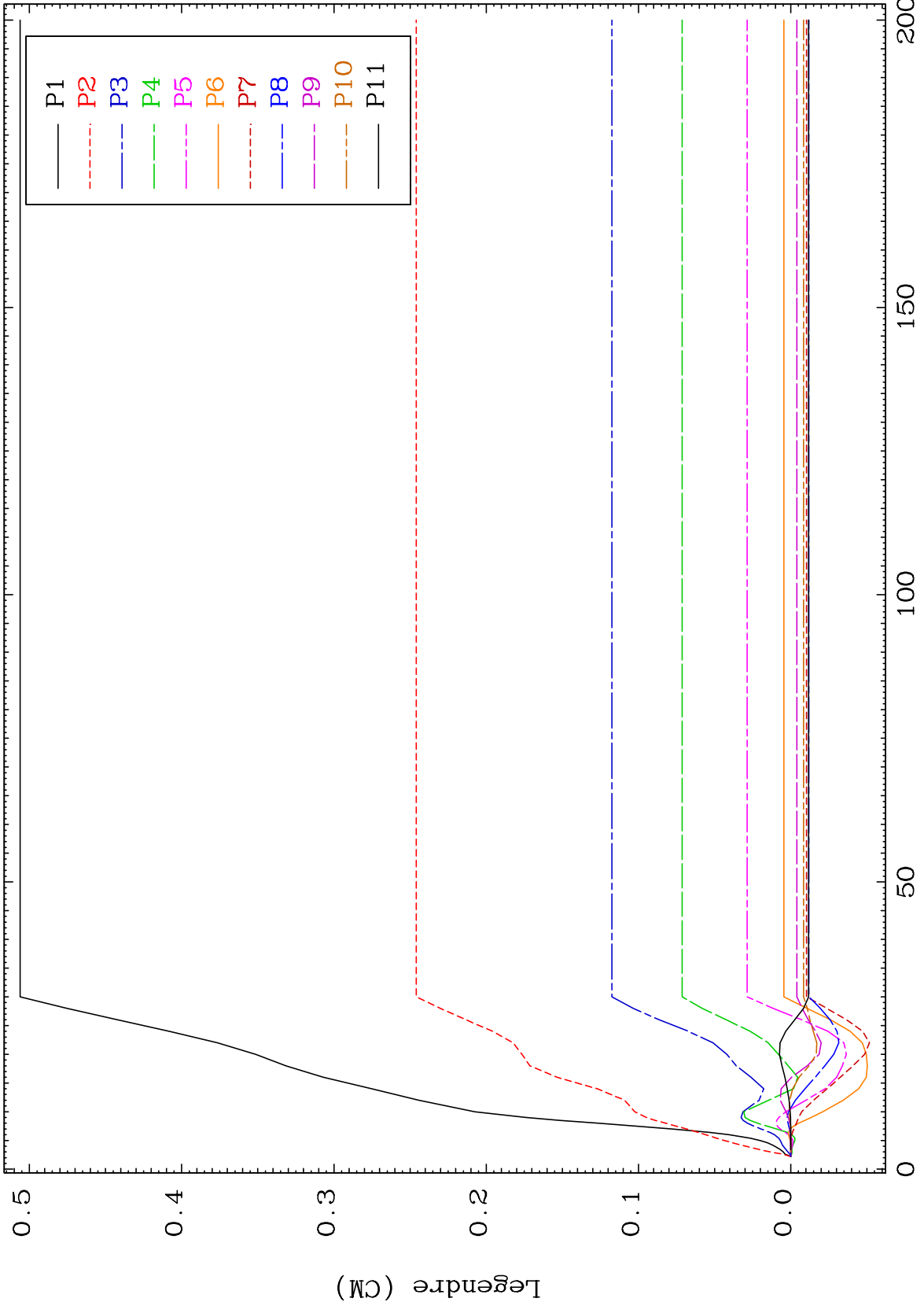
28-Ni-61

MAT 2834 MT= 68 (n,n') Level Legendre Coefficients 28-Ni-61



70 50 100 150 200 28-Ni-61

MAT 2834 MT= 69 (n,n') Level Legendre Coefficients 28-Ni-61



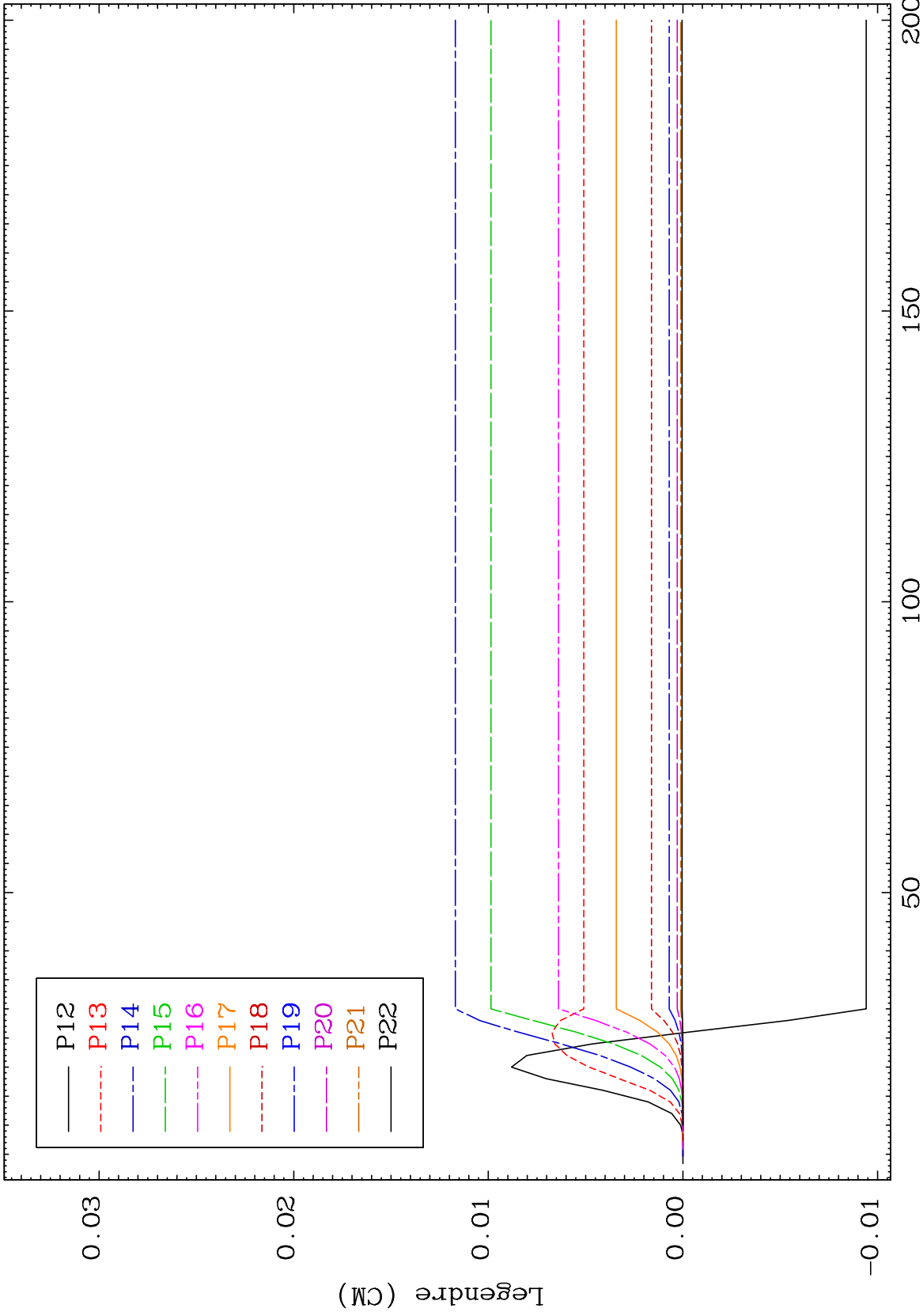
71 28-Ni-61



MAT 2834

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

28-Ni-61



72

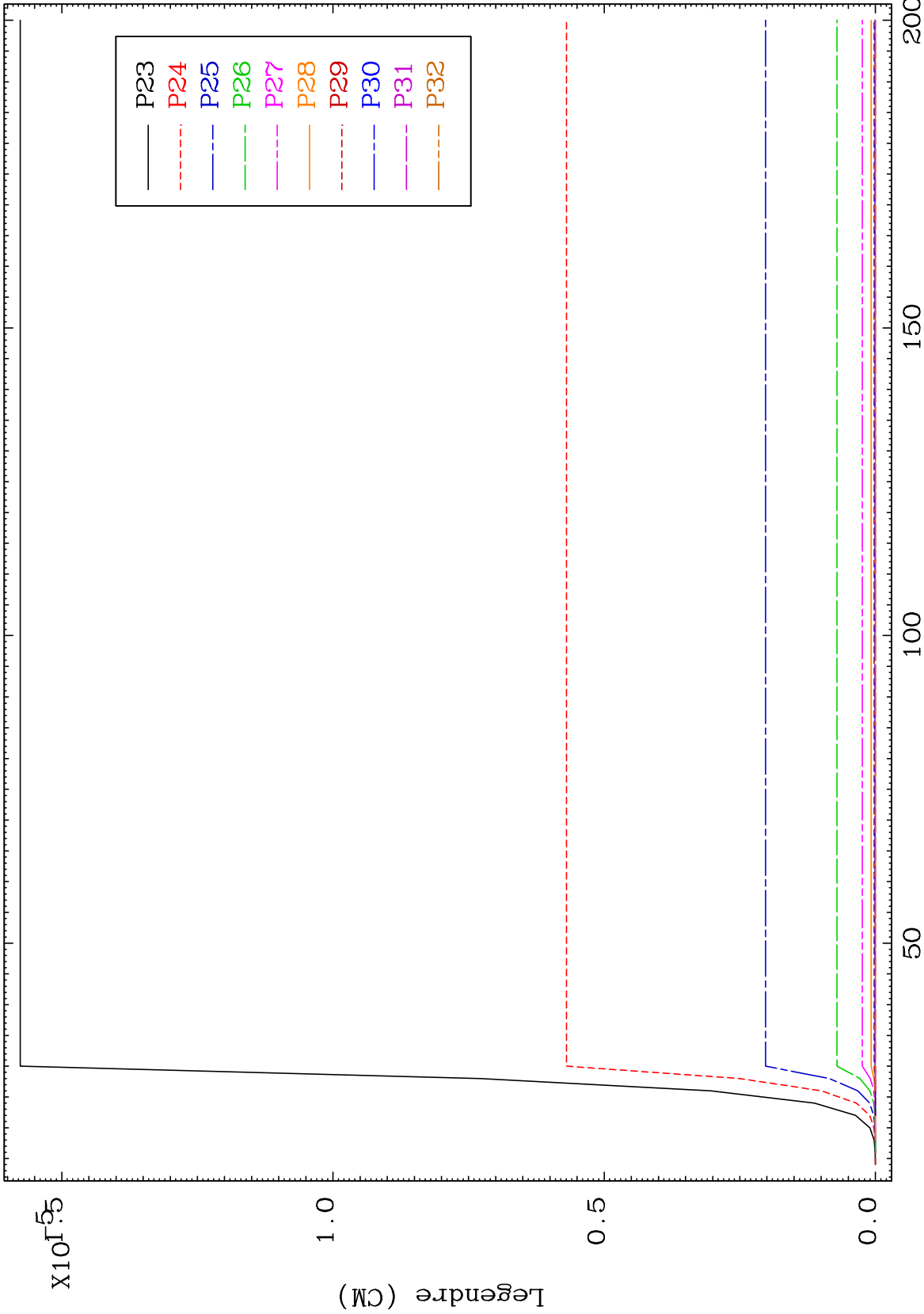
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



73

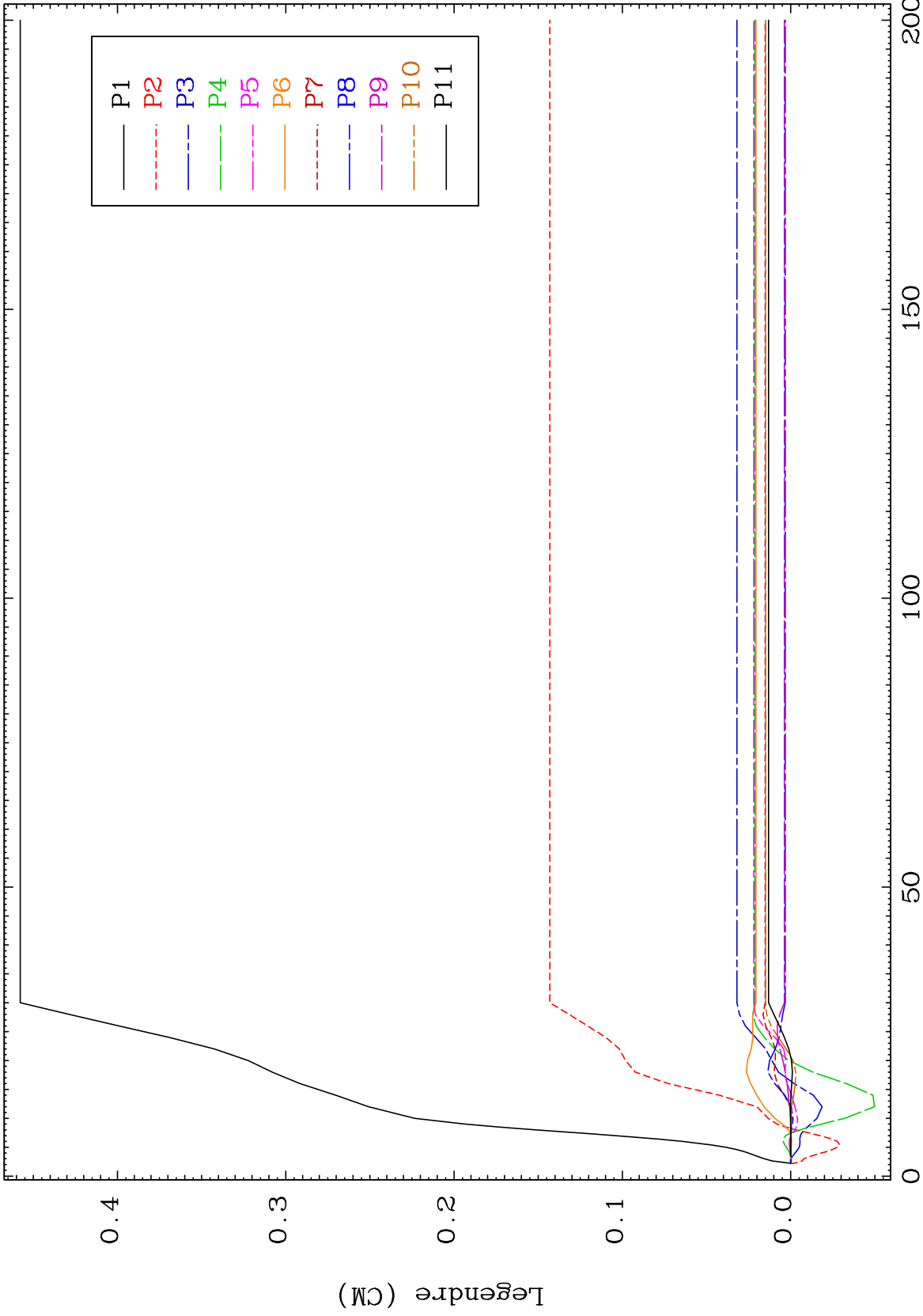
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

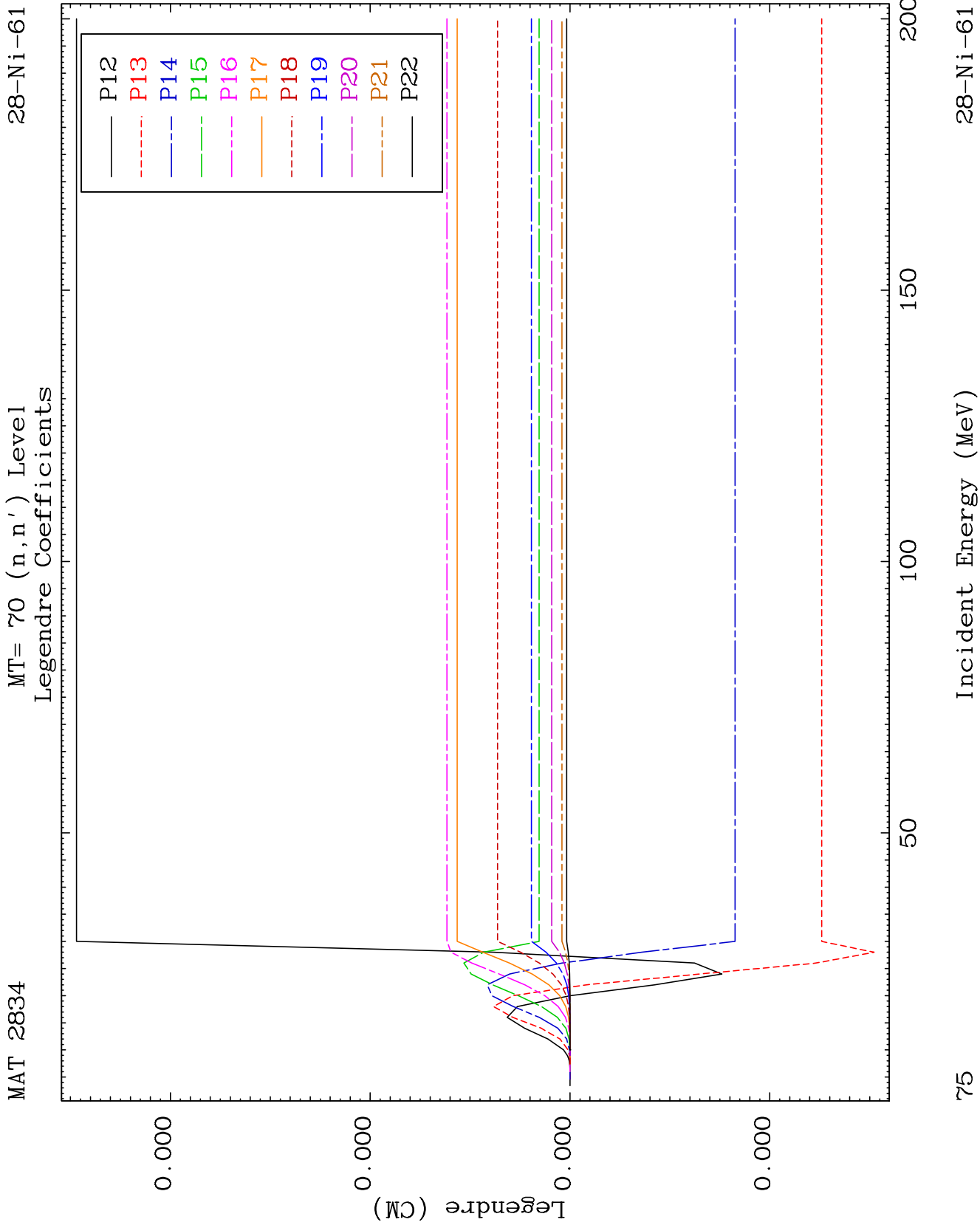
28-Ni-61



74

Incident Energy (MeV)

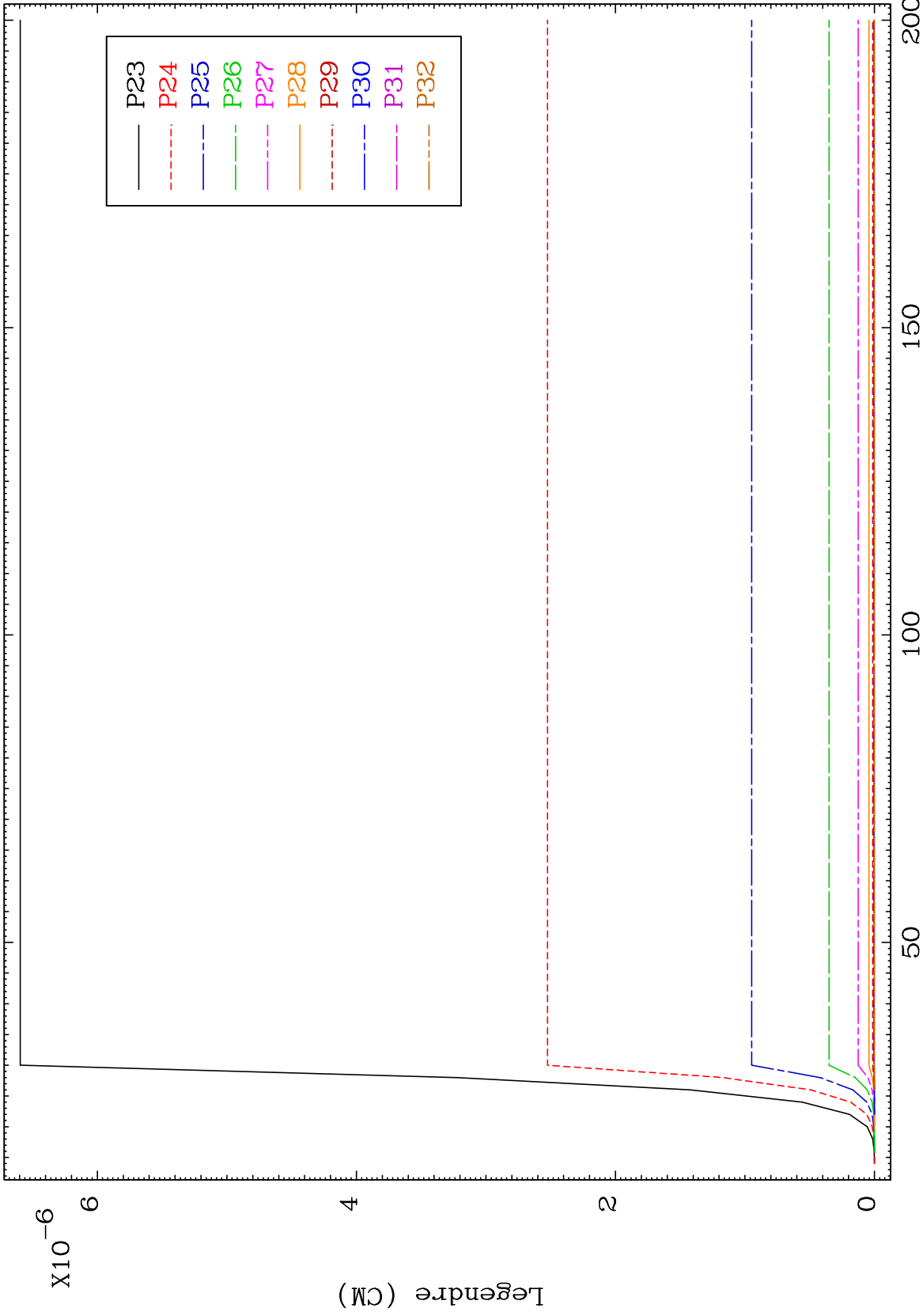
28-Ni-61



MAT 2834

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

28-Ni-61



76

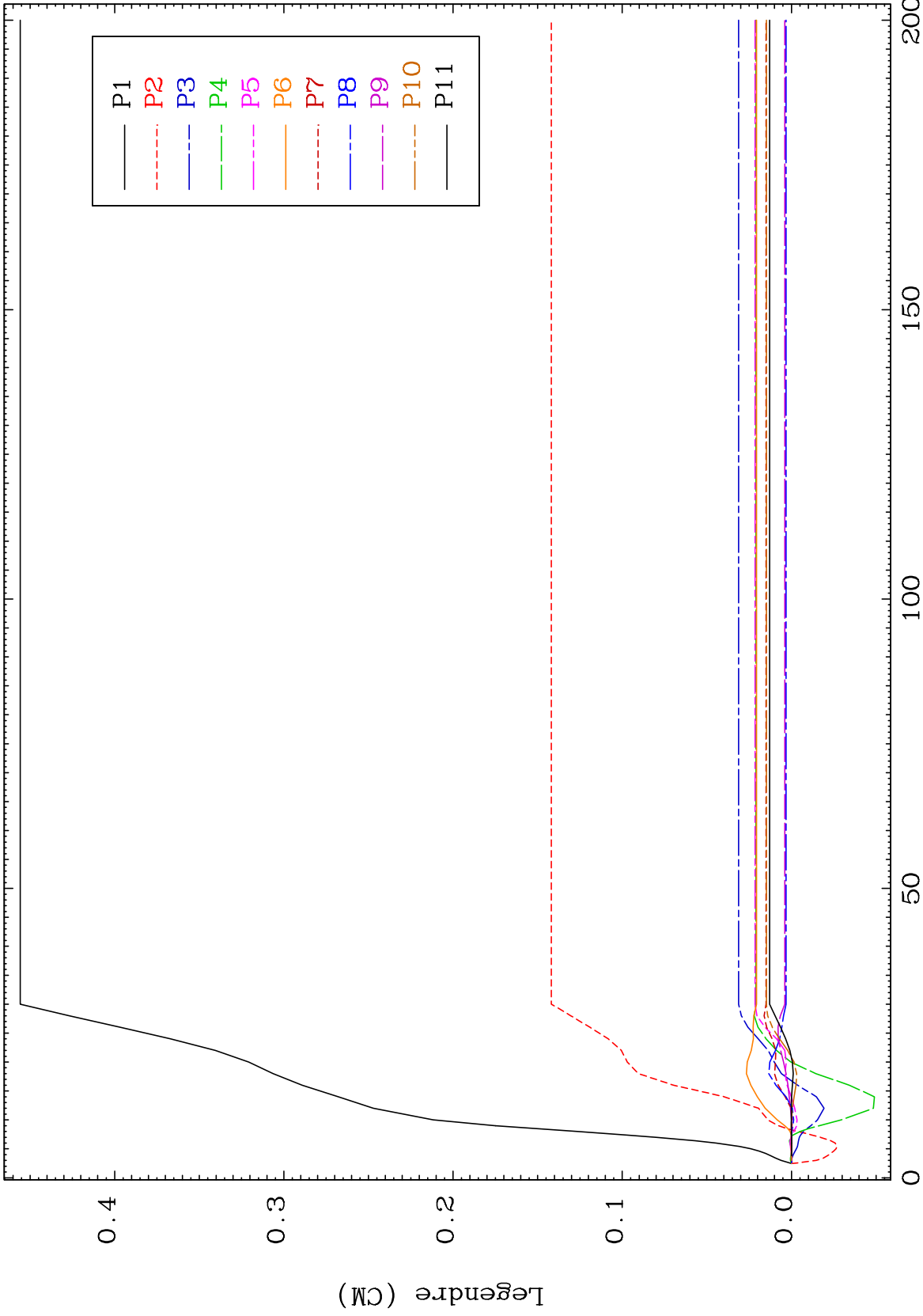
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



77

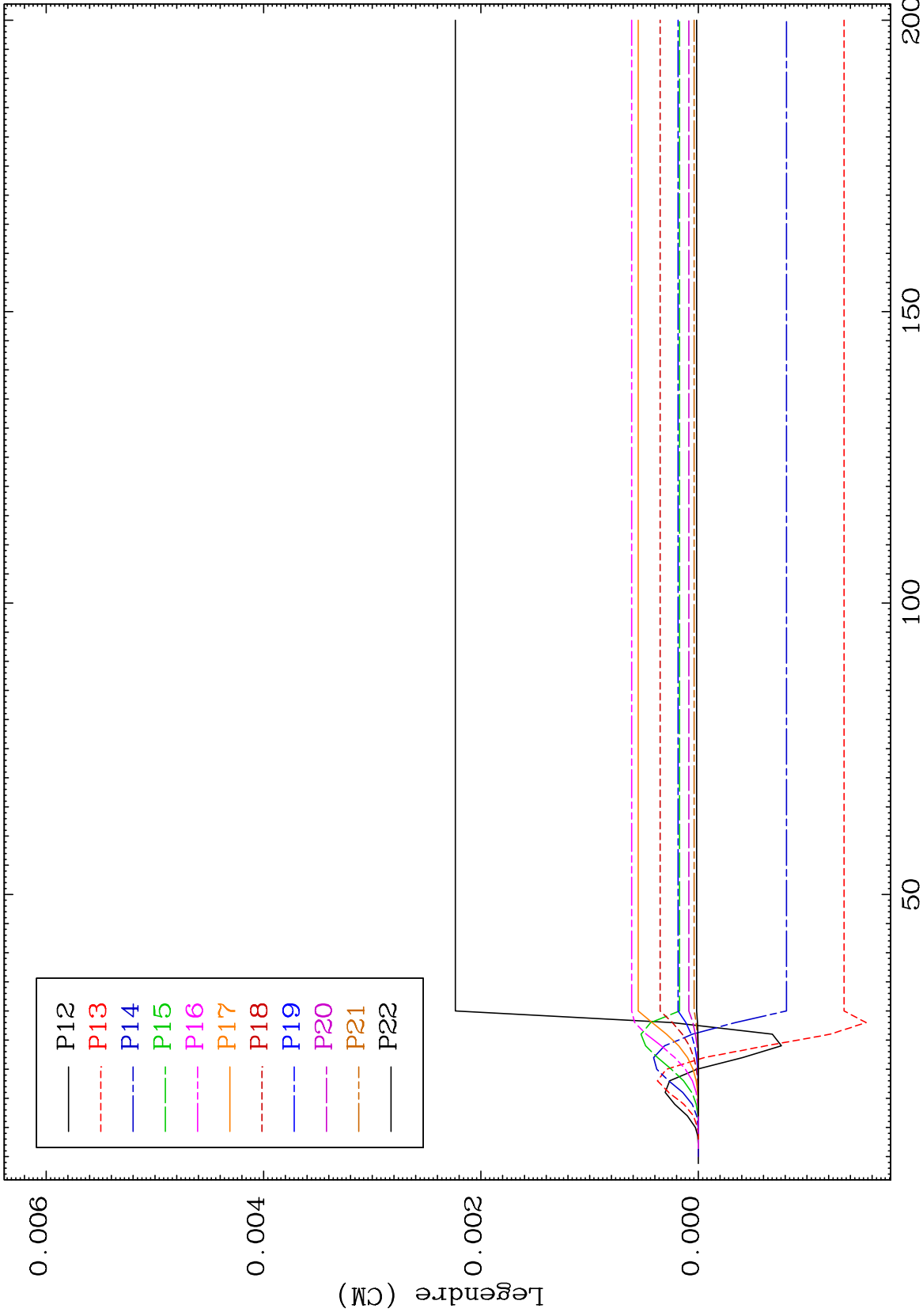
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



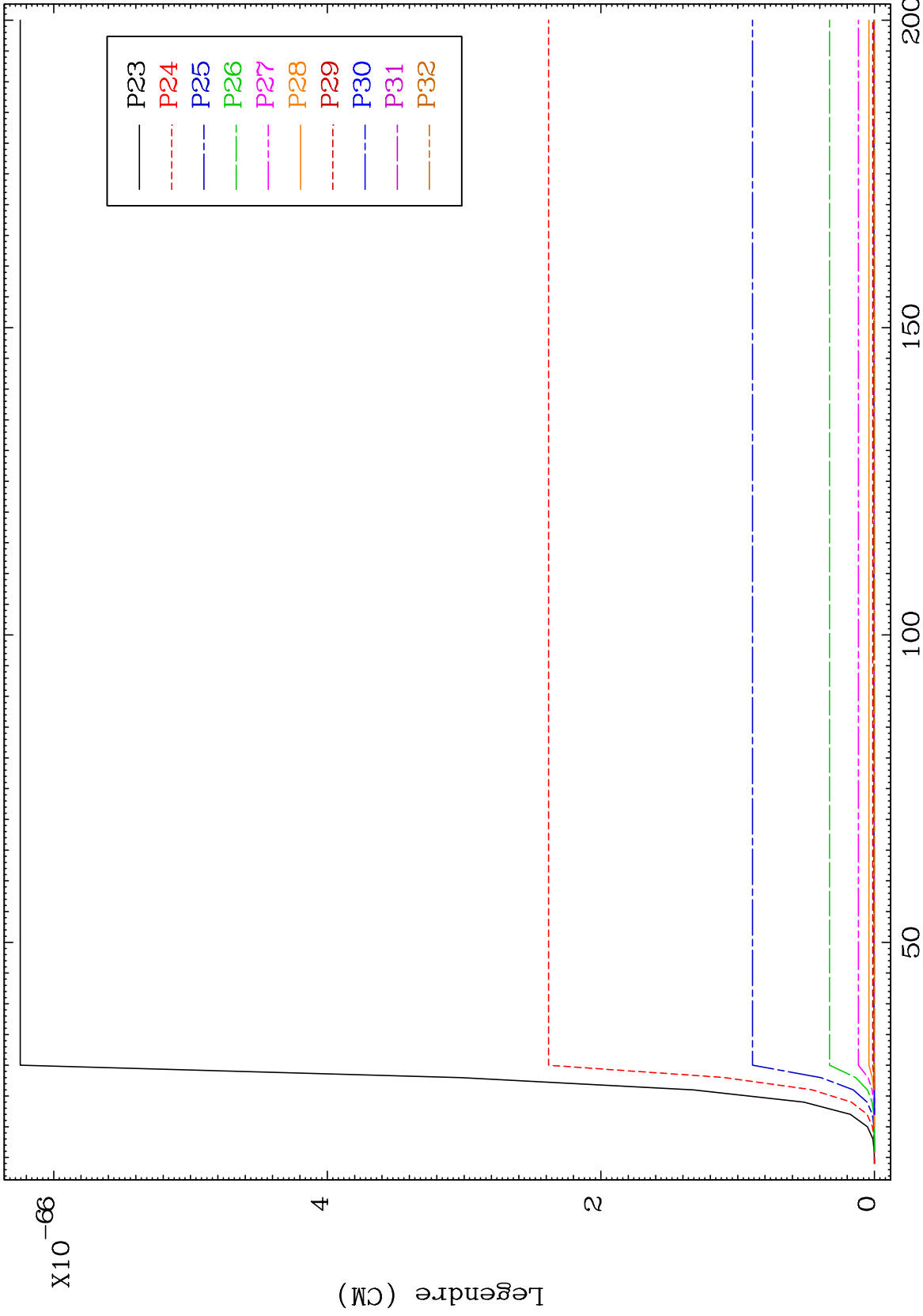
78

28-Ni-61

MAT 2834

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

28-Ni-61



79

Incident Energy (MeV)

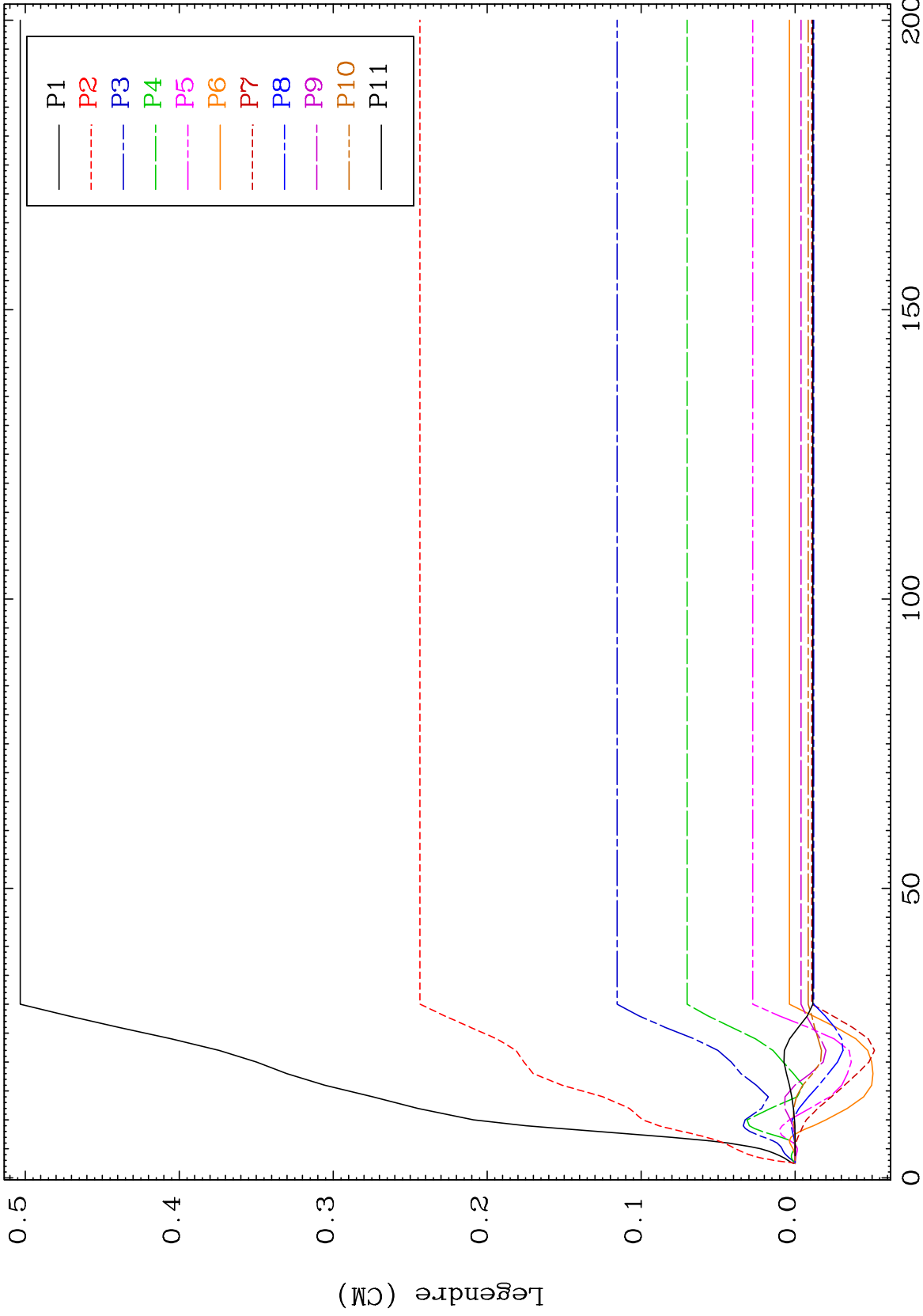
28-Ni-61



MAT 2834

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

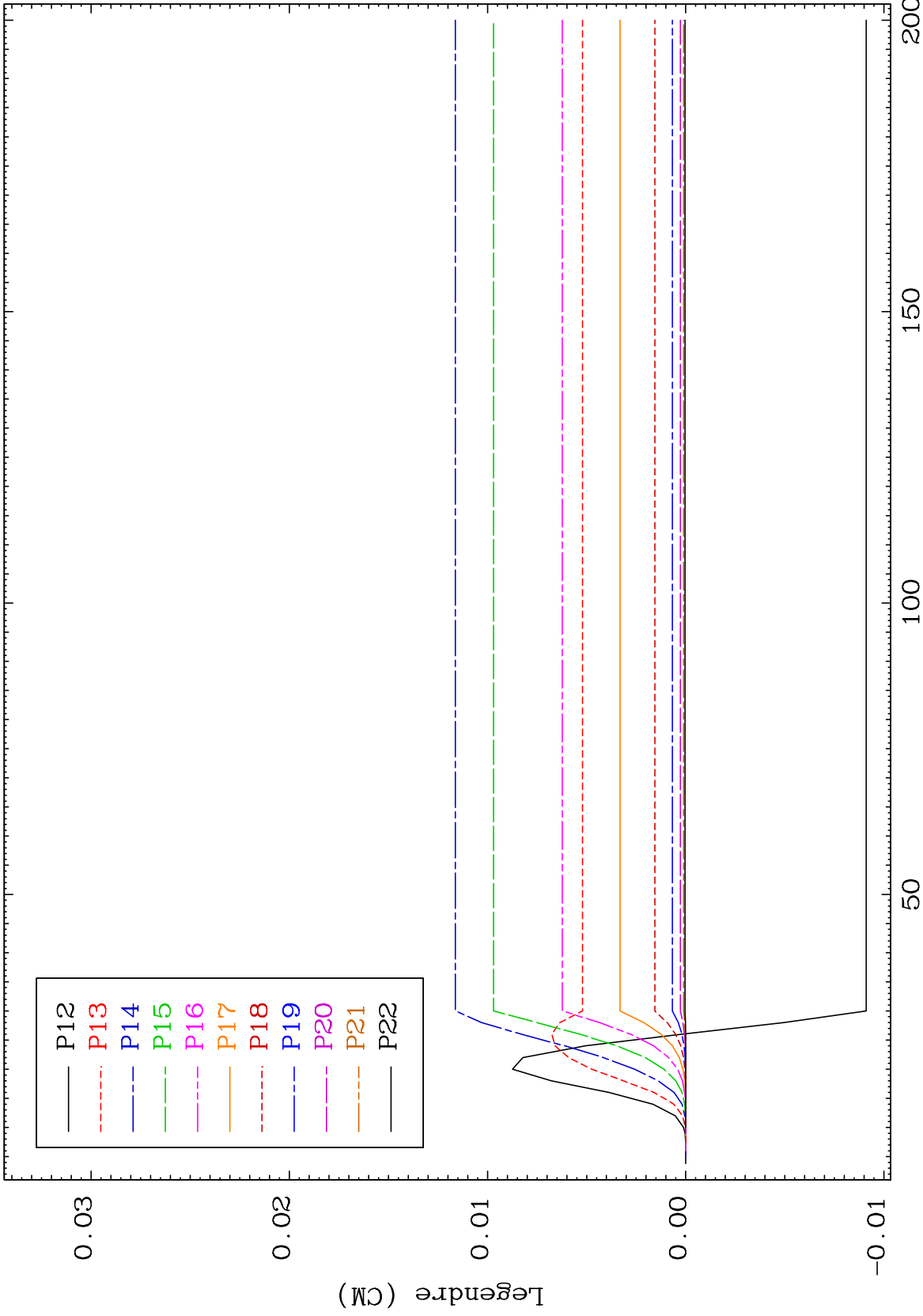
28-Ni-61



MAT 2834

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

28-Ni-61



81

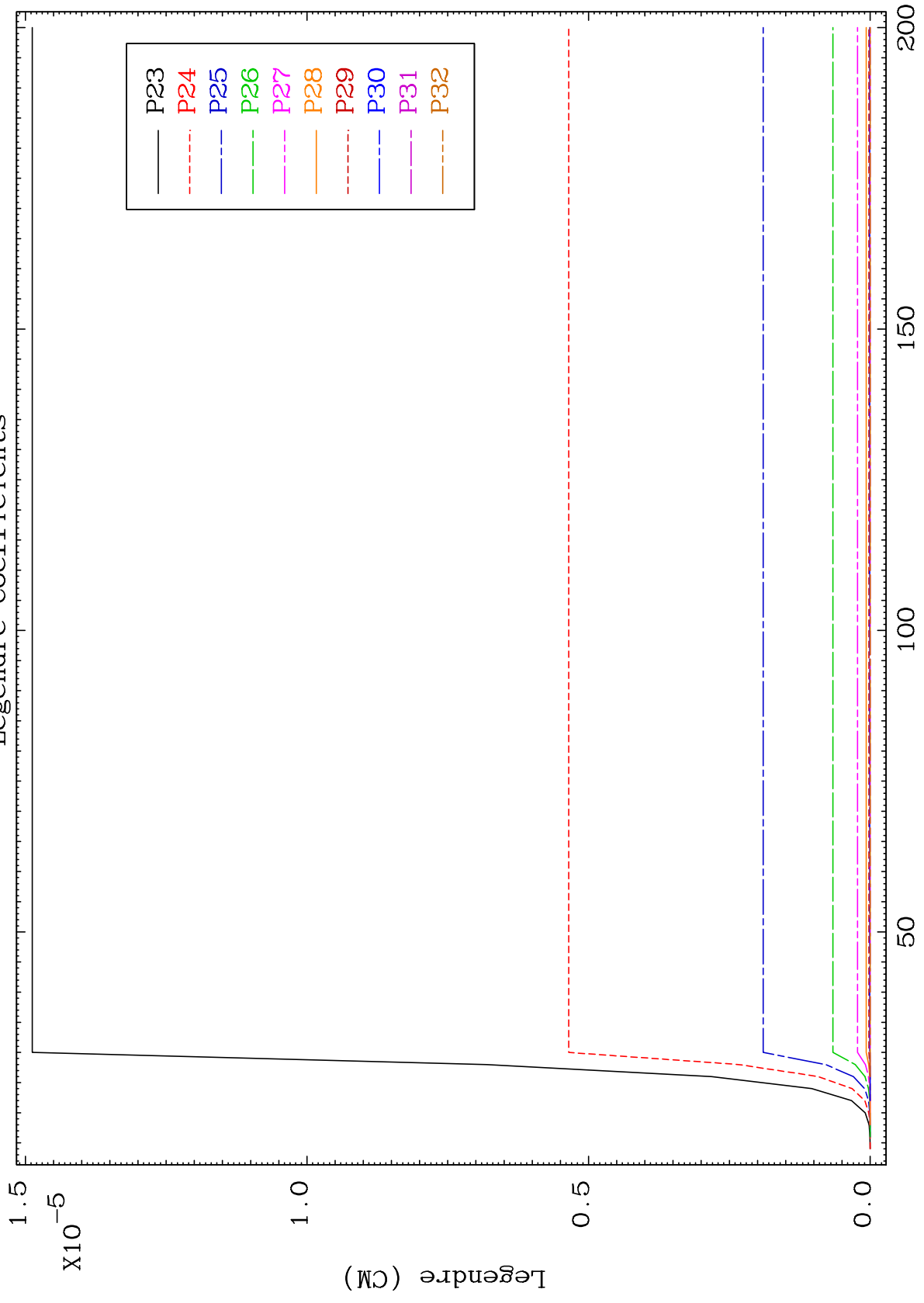
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



82

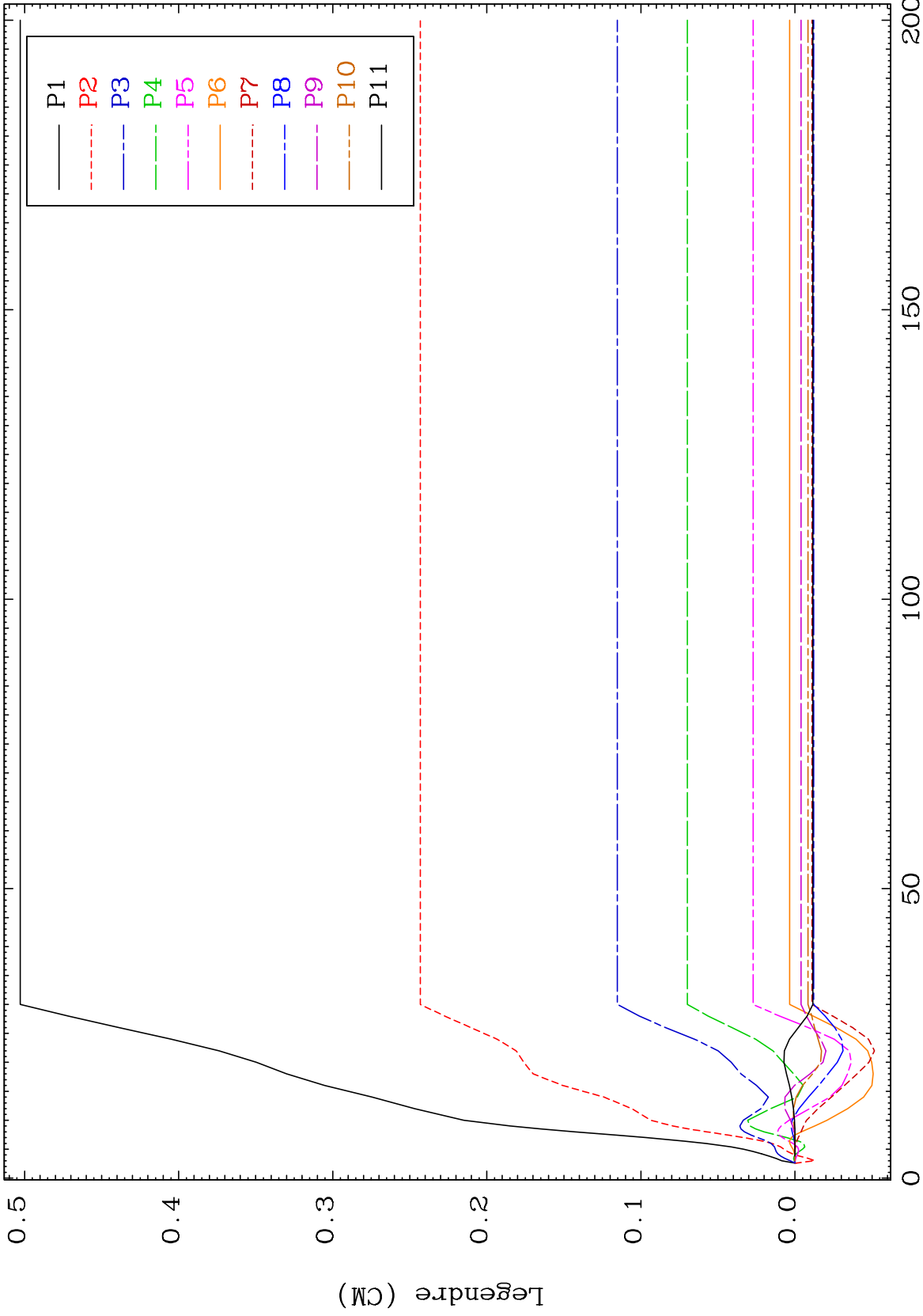
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



83

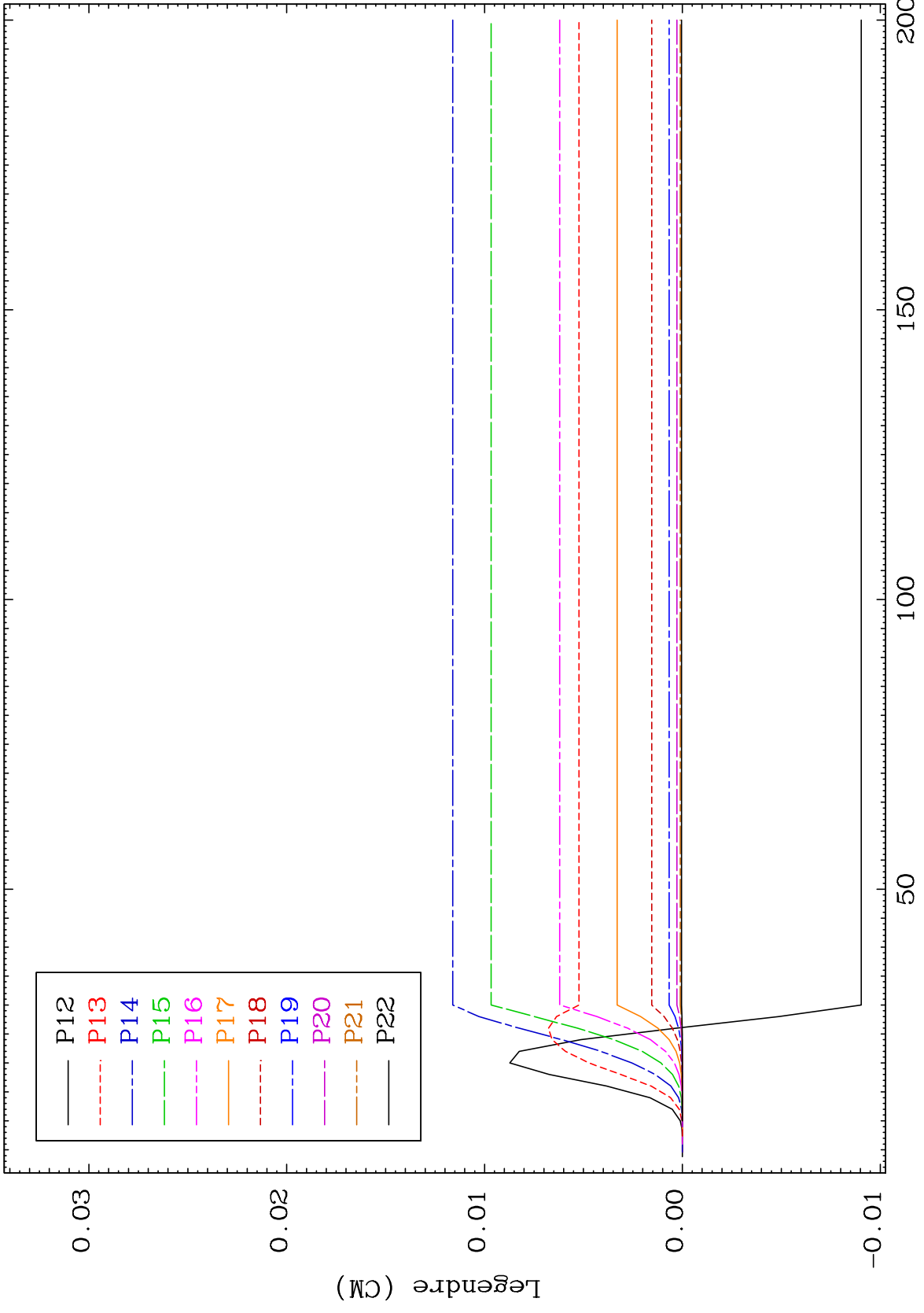
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



84

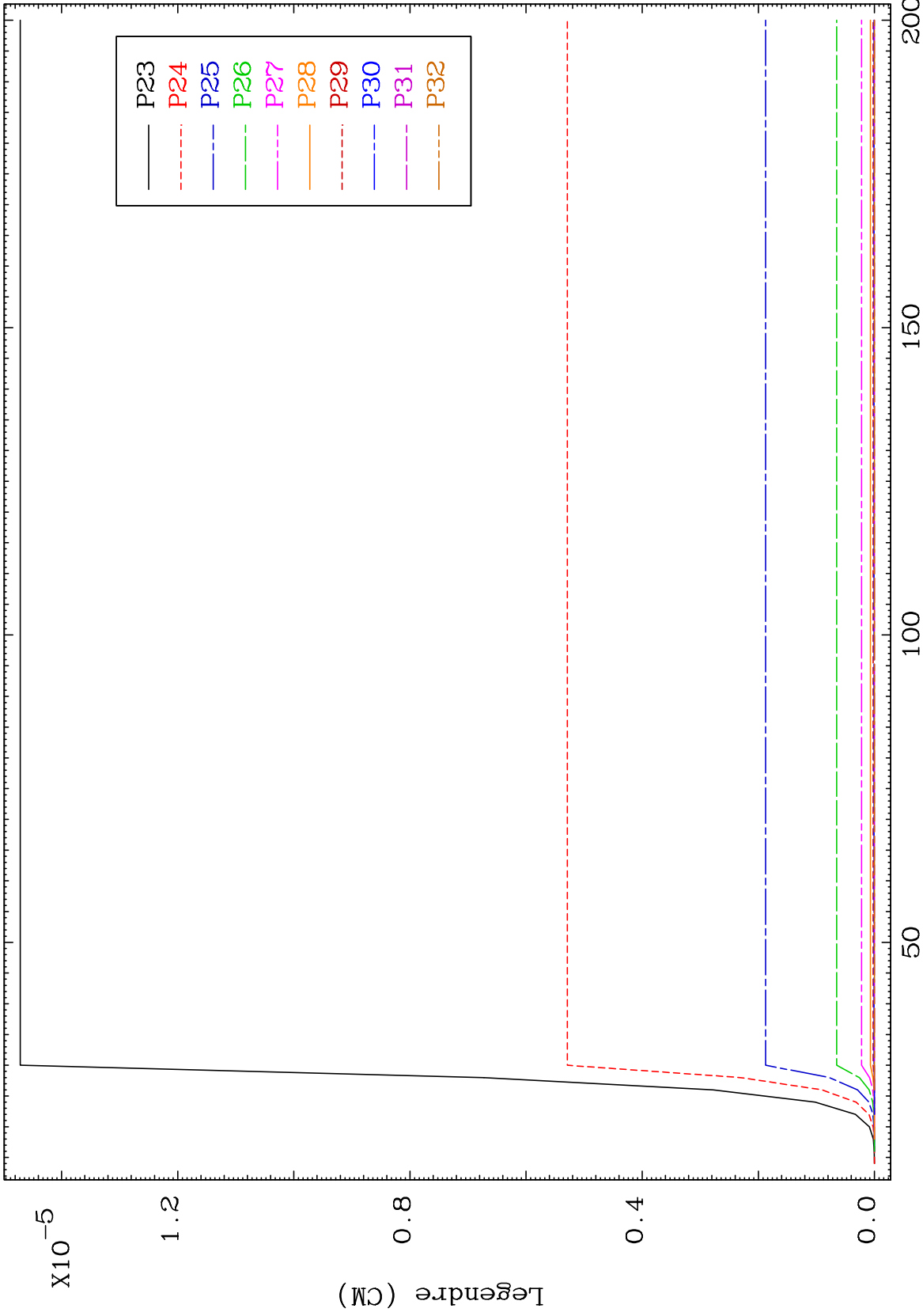
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61

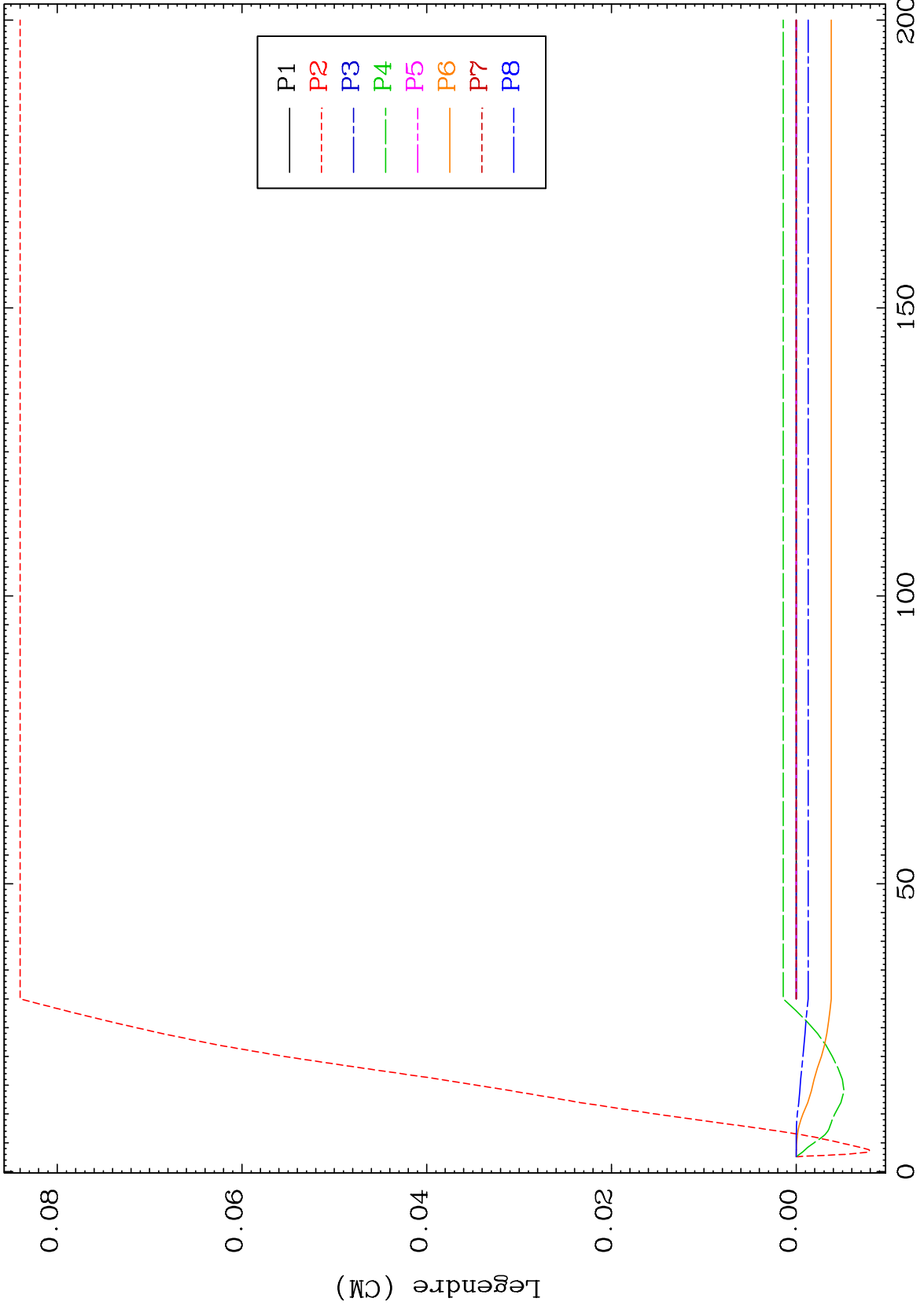


85

Incident Energy (MeV)

28-Ni-61

MAT 2834 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-61

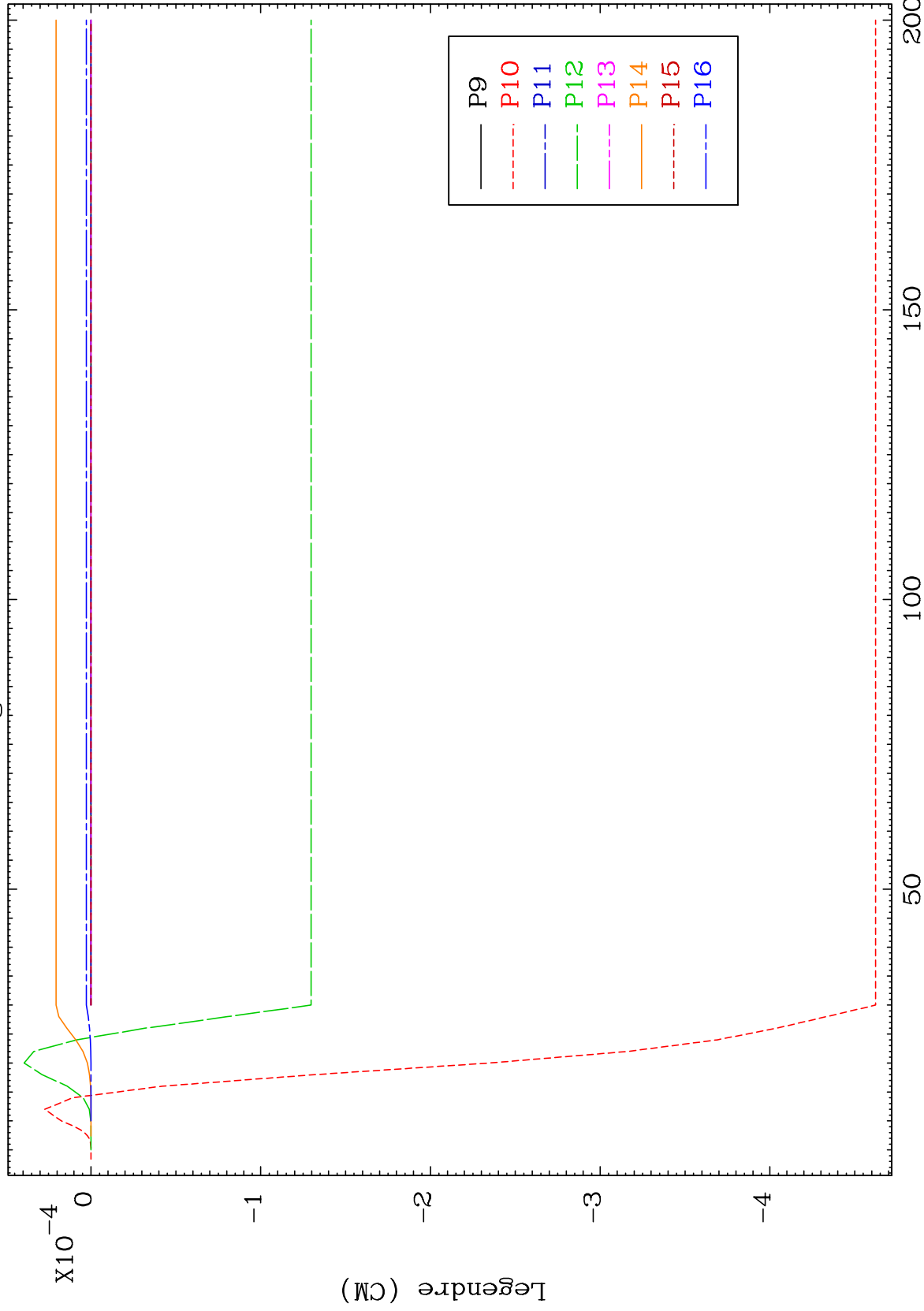


86 28-Ni-61

MAT 2834

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

28-Ni-61



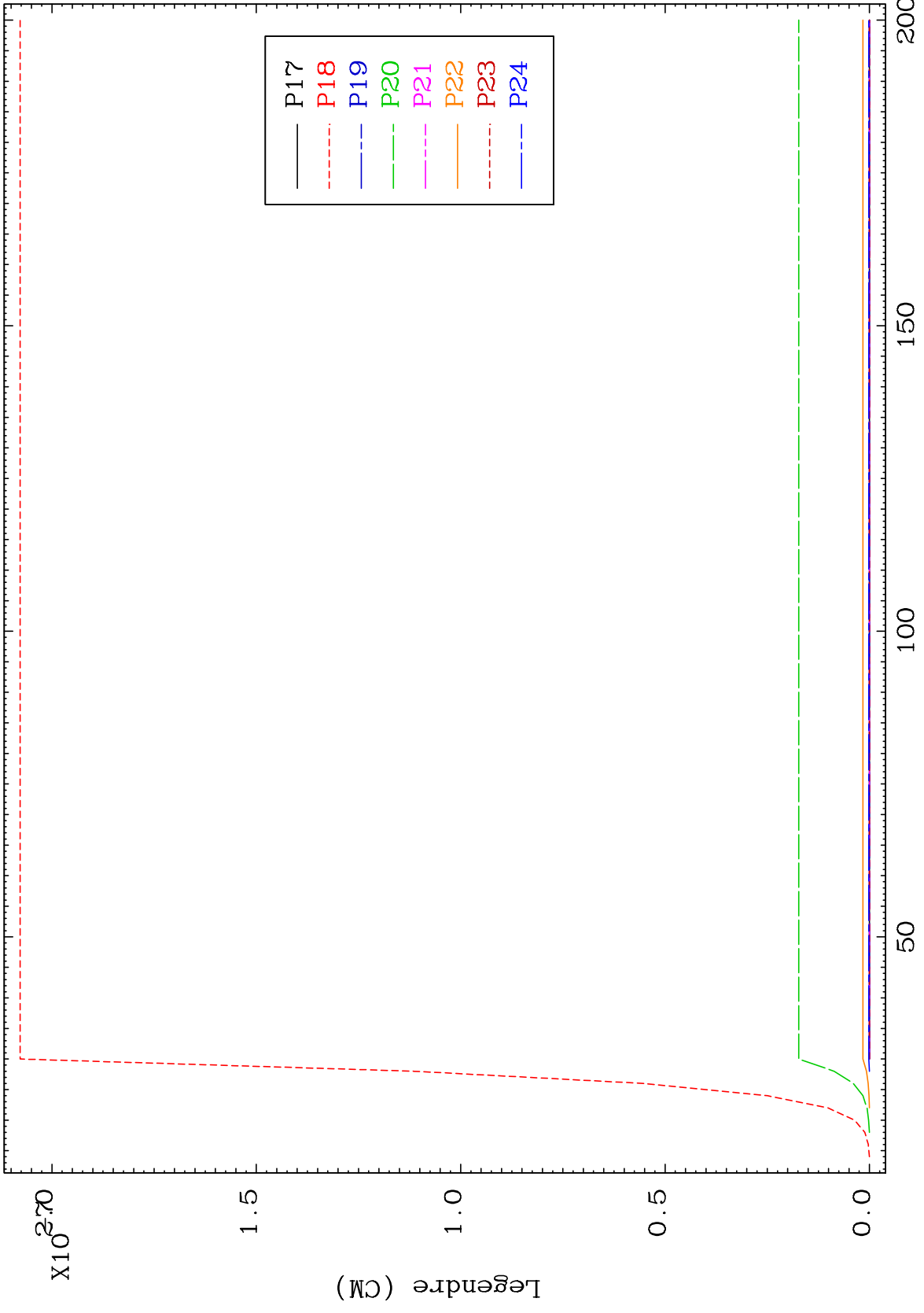
87

Incident Energy (MeV)

28-Ni-61



MAT 2834 MT= 74 (n,n') Level Legendre Coefficients 28-Ni-61

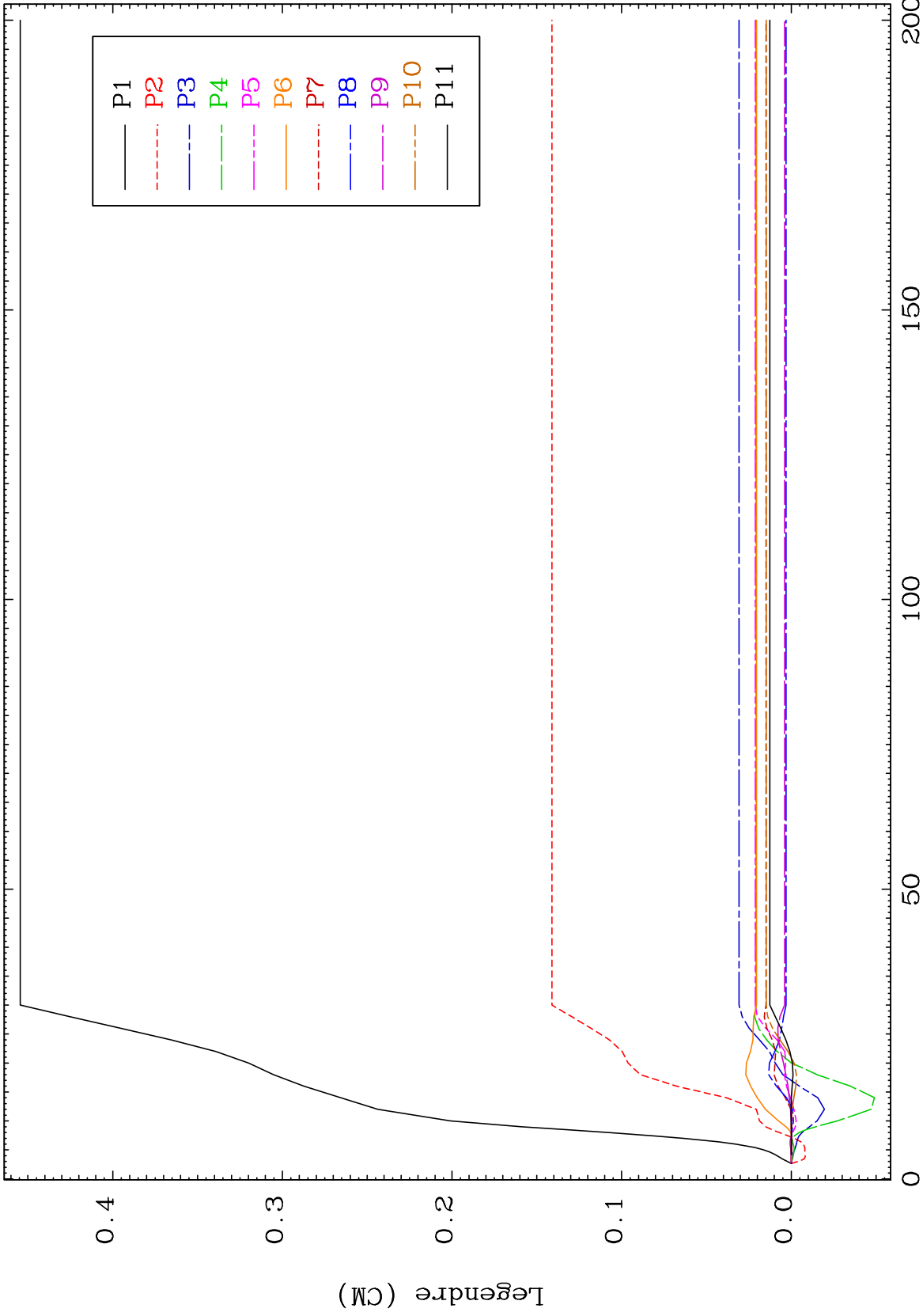


88 28-Ni-61

MAT 2834

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

28-Ni-61



89

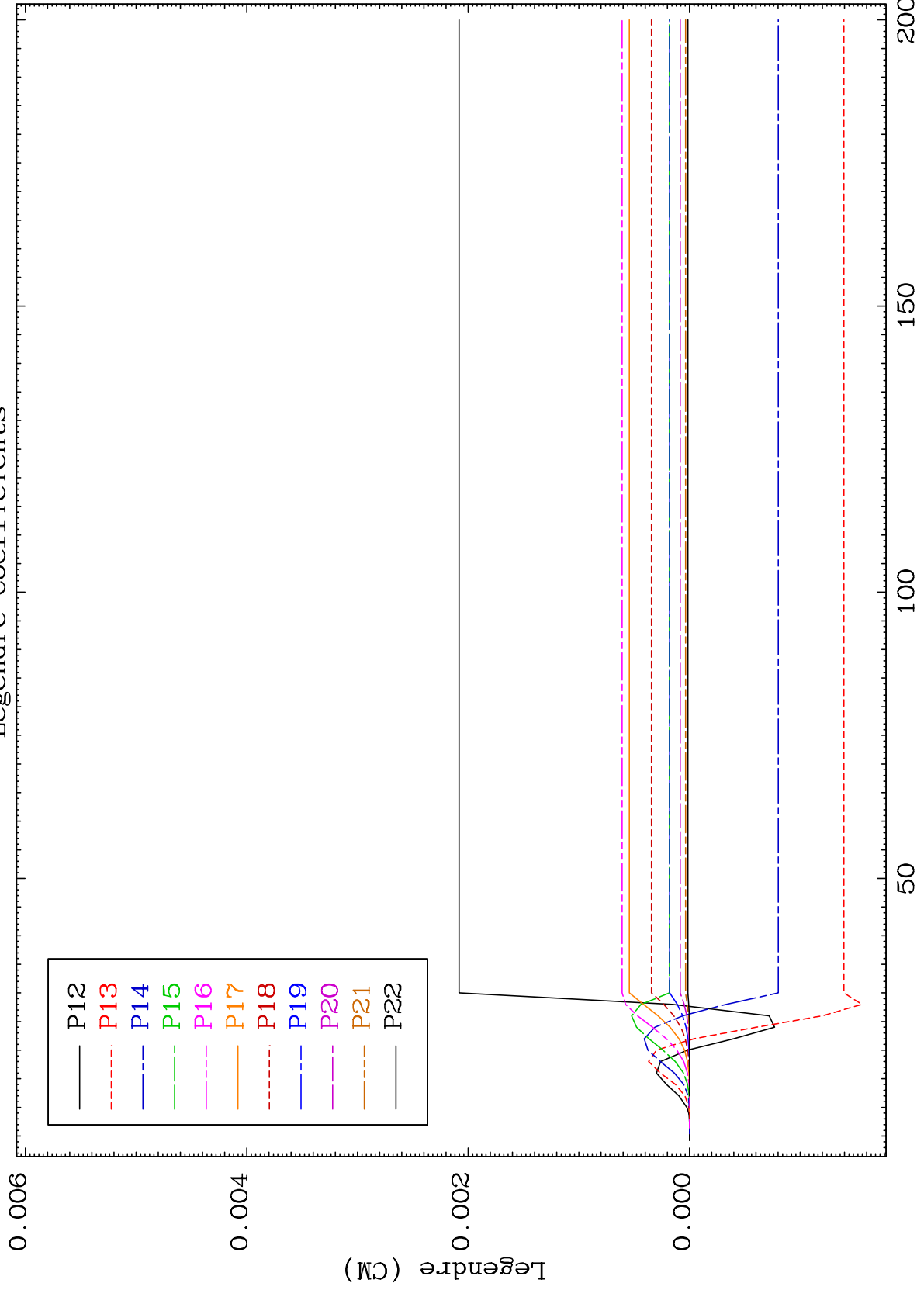
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



90

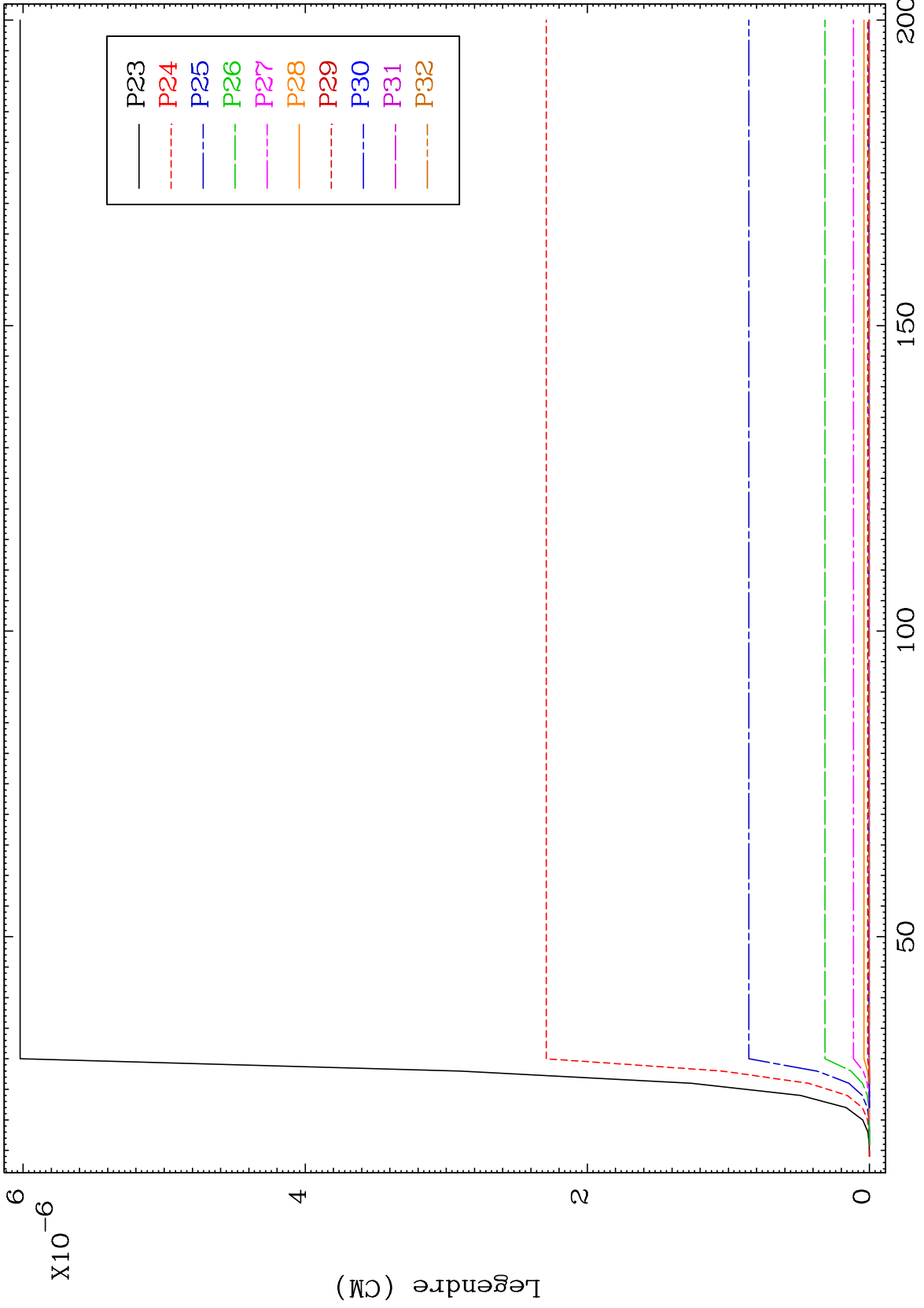
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

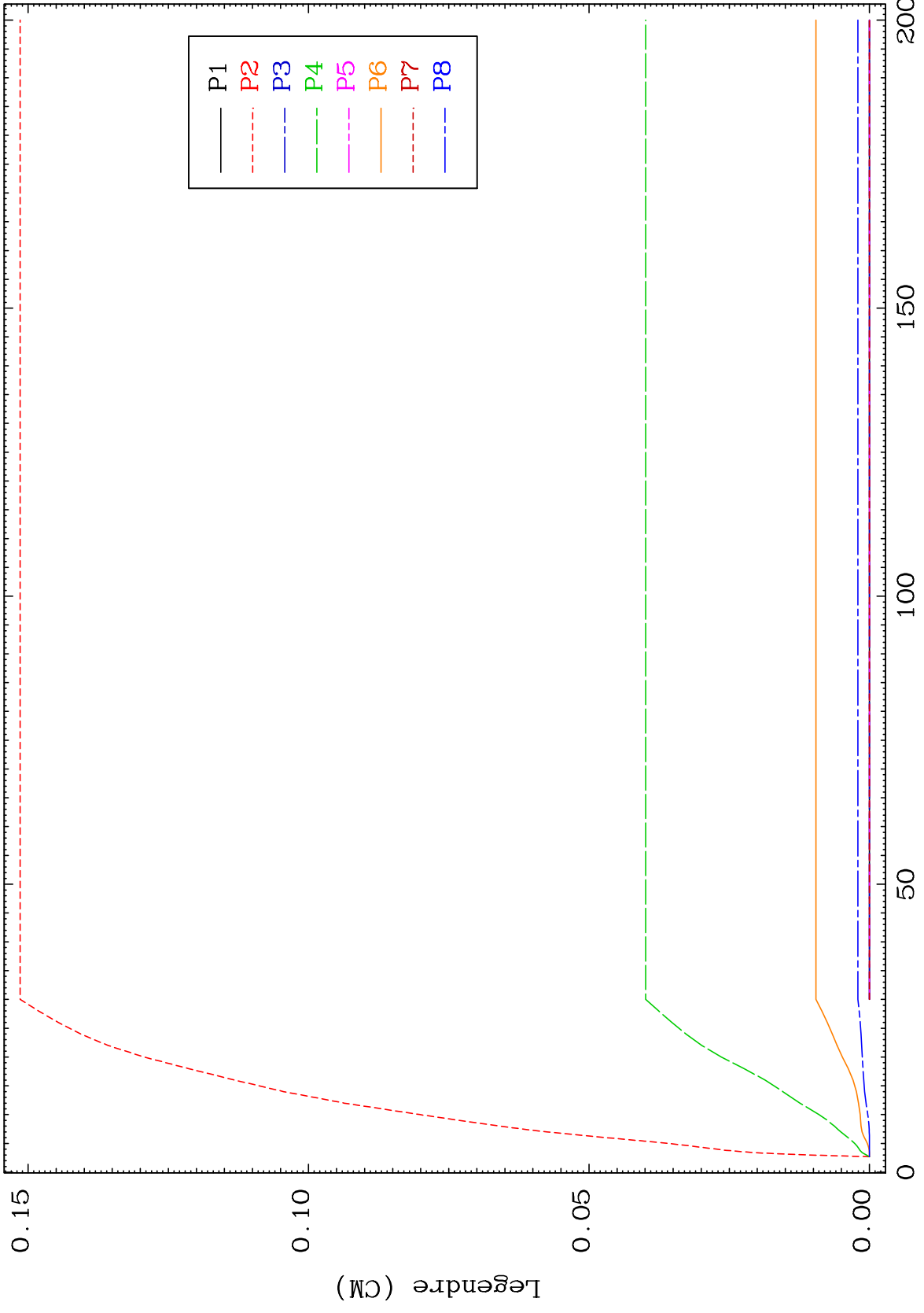
28-Ni-61



91

28-Ni-61

MAT 2834 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-61

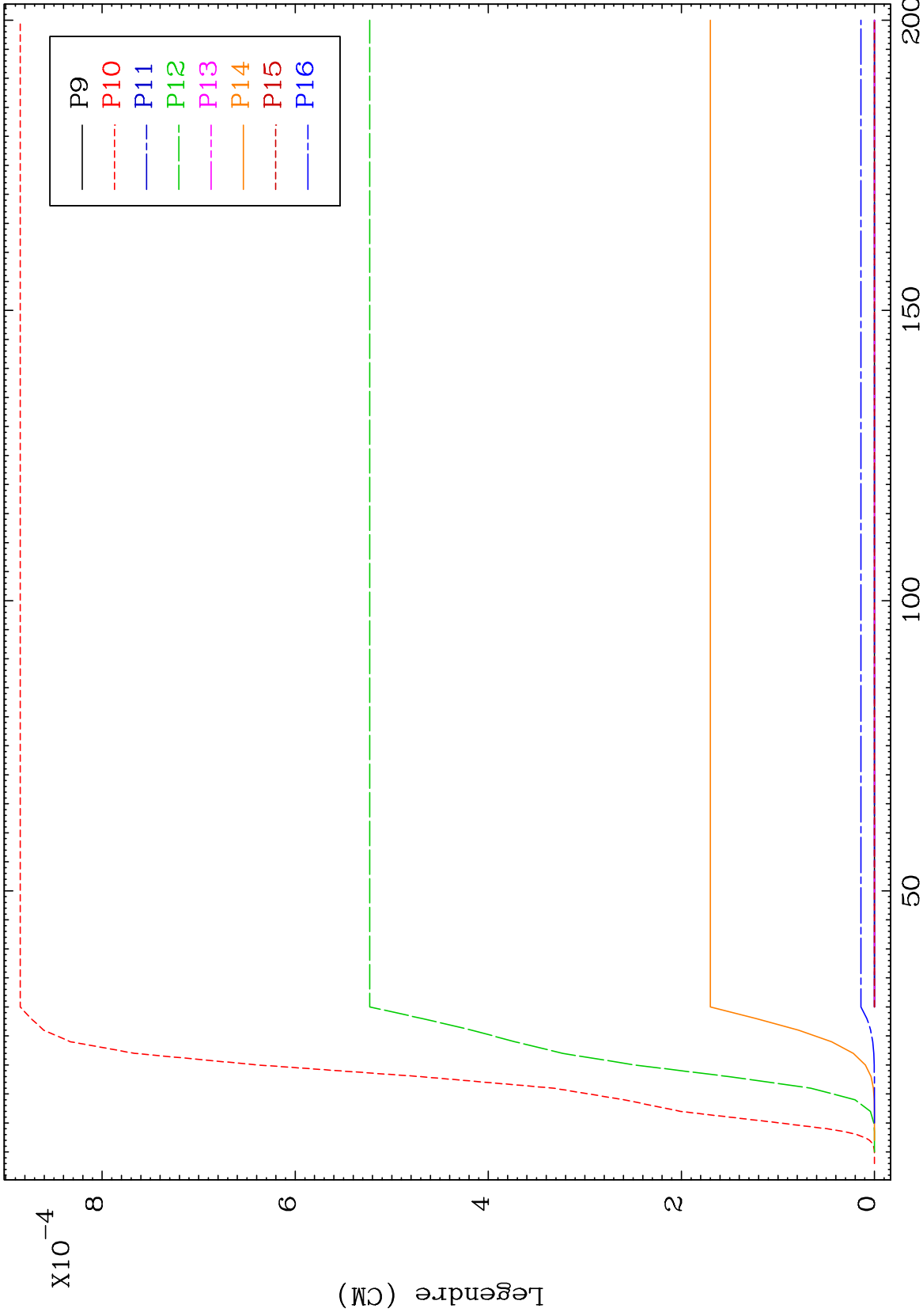


92 Incident Energy (MeV) 28-Ni-61

MAT 2834

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

28-Ni-61

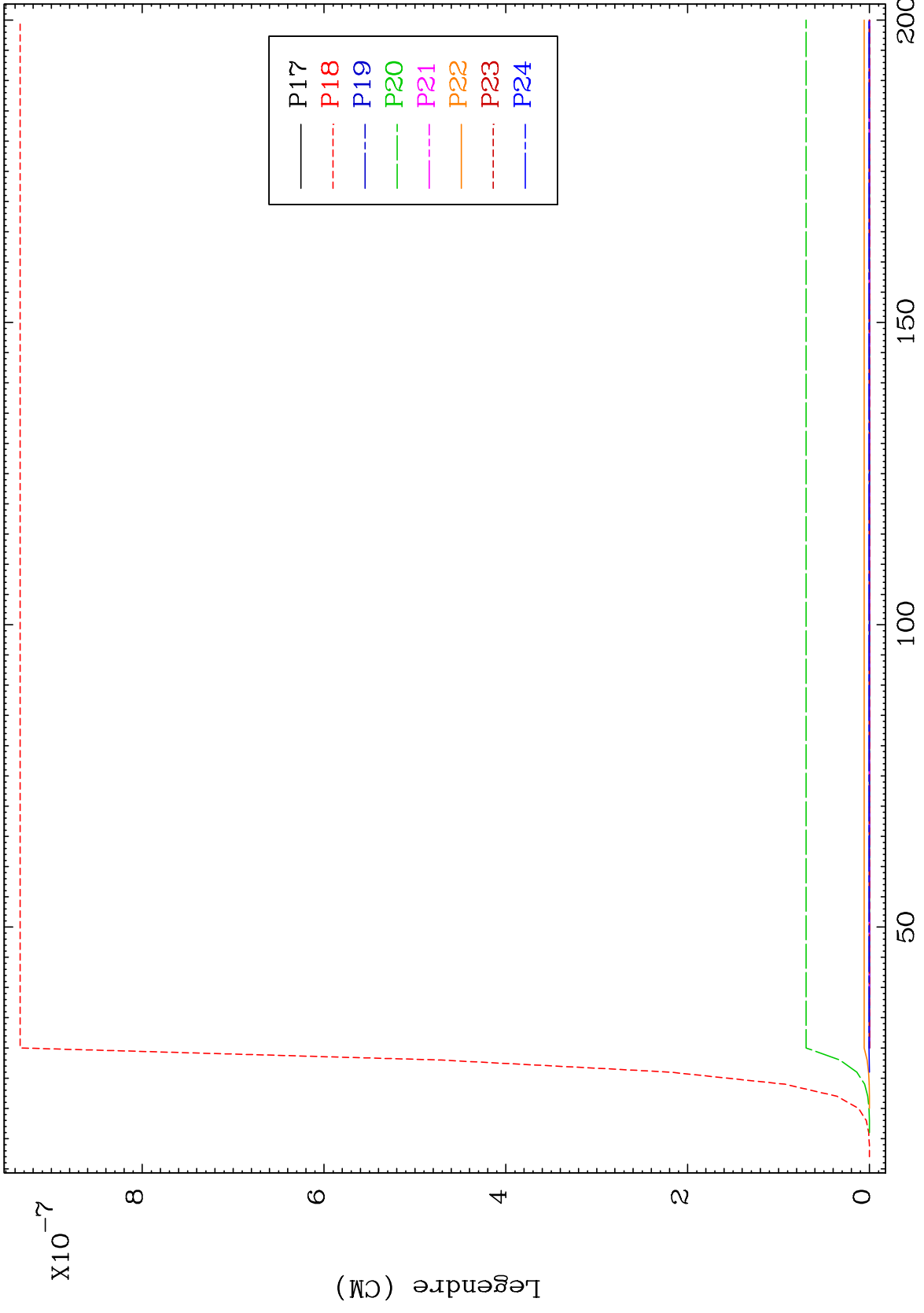


93

Incident Energy (MeV)

28-Ni-61

MAT 2834 MT= 76 (n,n') Level Legendre Coefficients 28-Ni-61

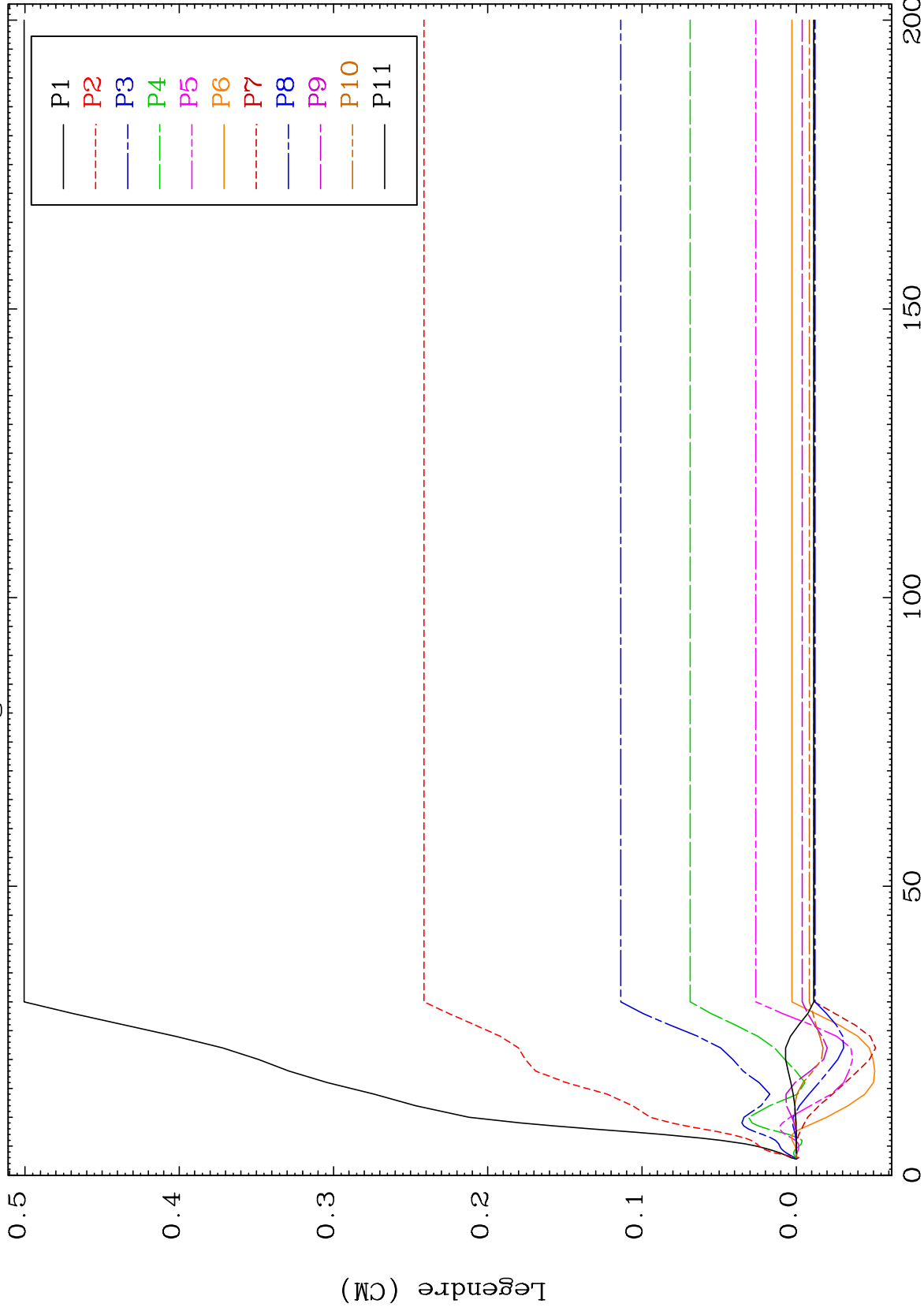


94 28-Ni-61

MAT 2834

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

28-Ni-61



95

Incident Energy (MeV)

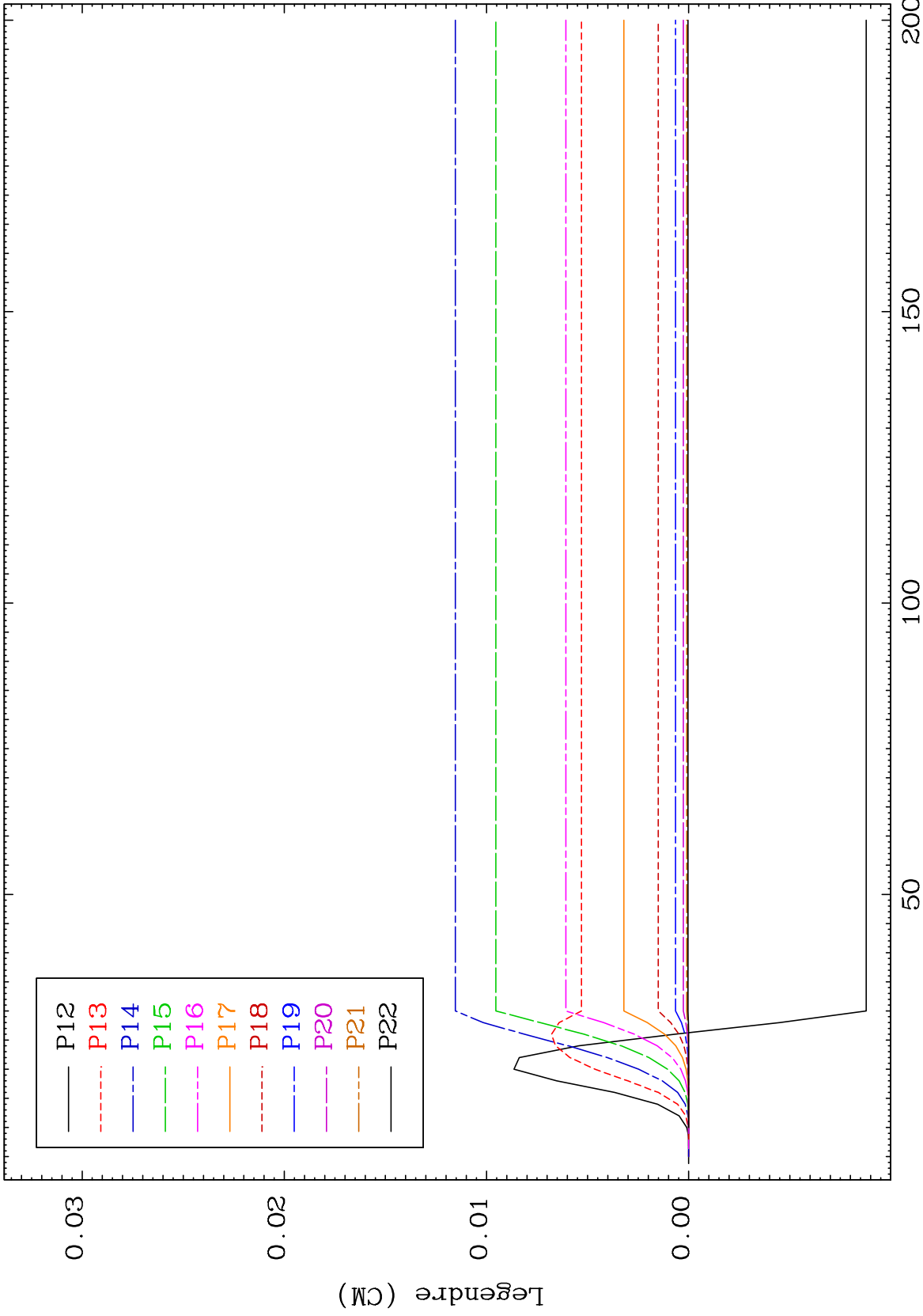
28-Ni-61



MAT 2834

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

28-Ni-61



96

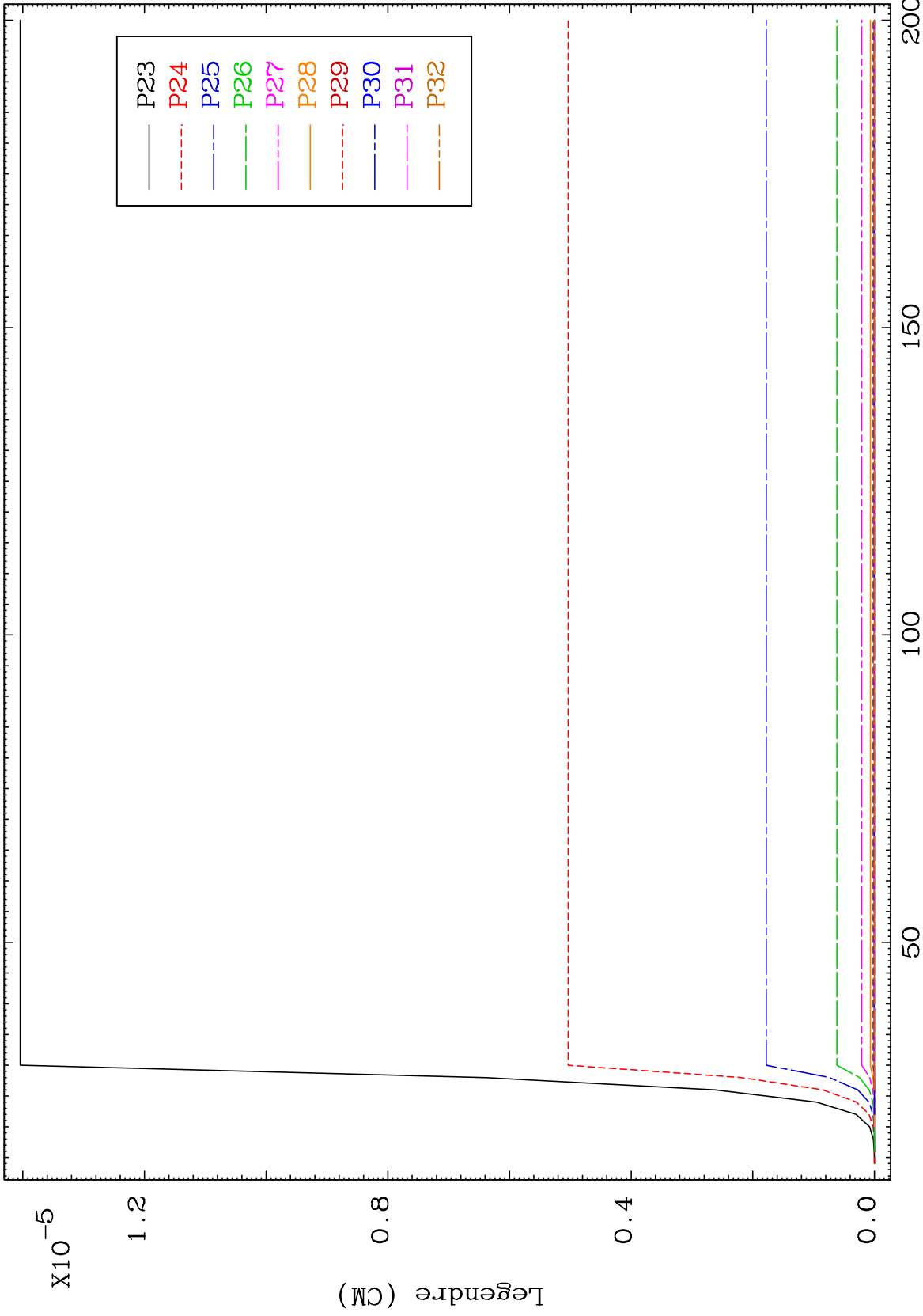
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

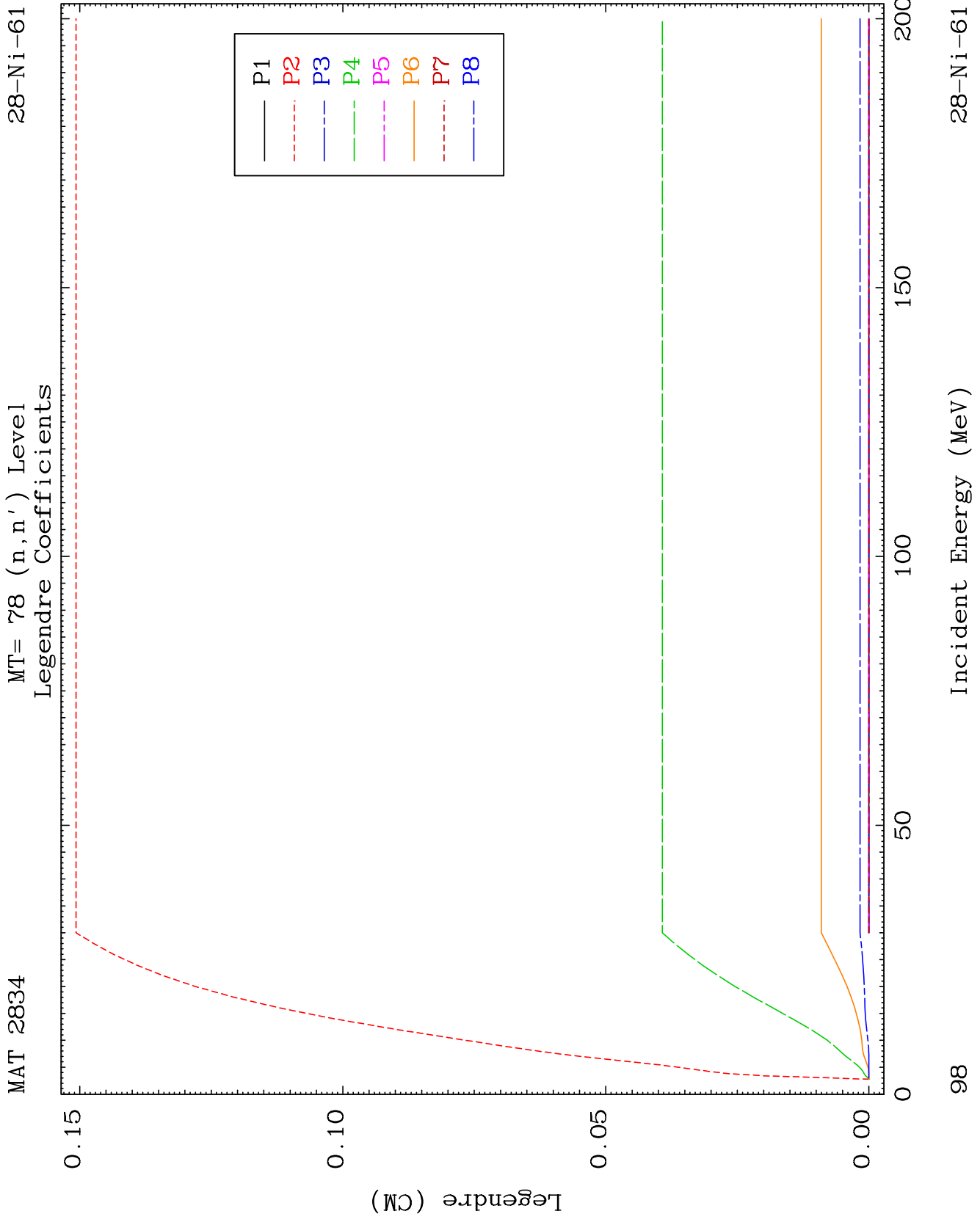
28-Ni-61



97

Incident Energy (MeV)

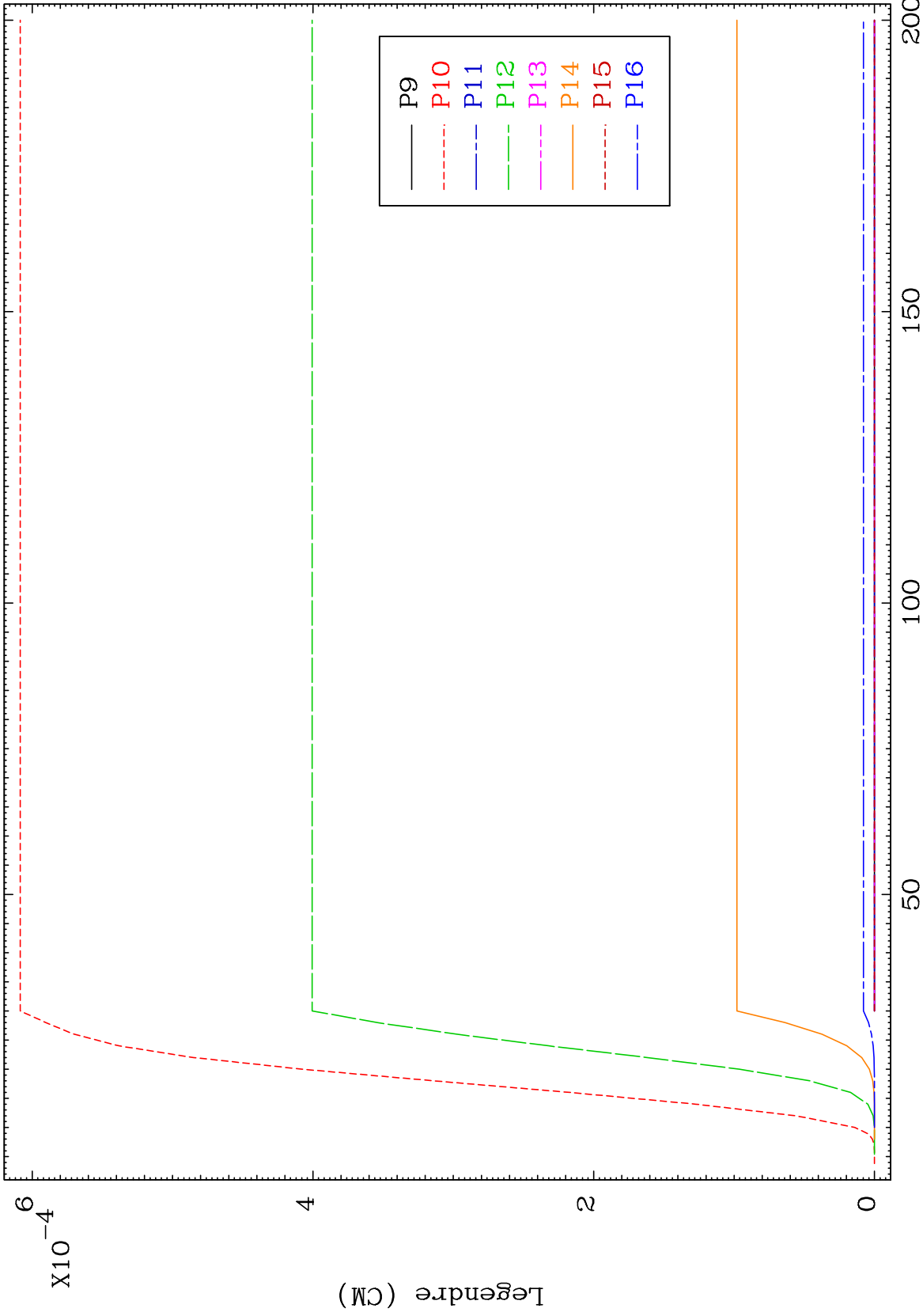
28-Ni-61



MAT 2834

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

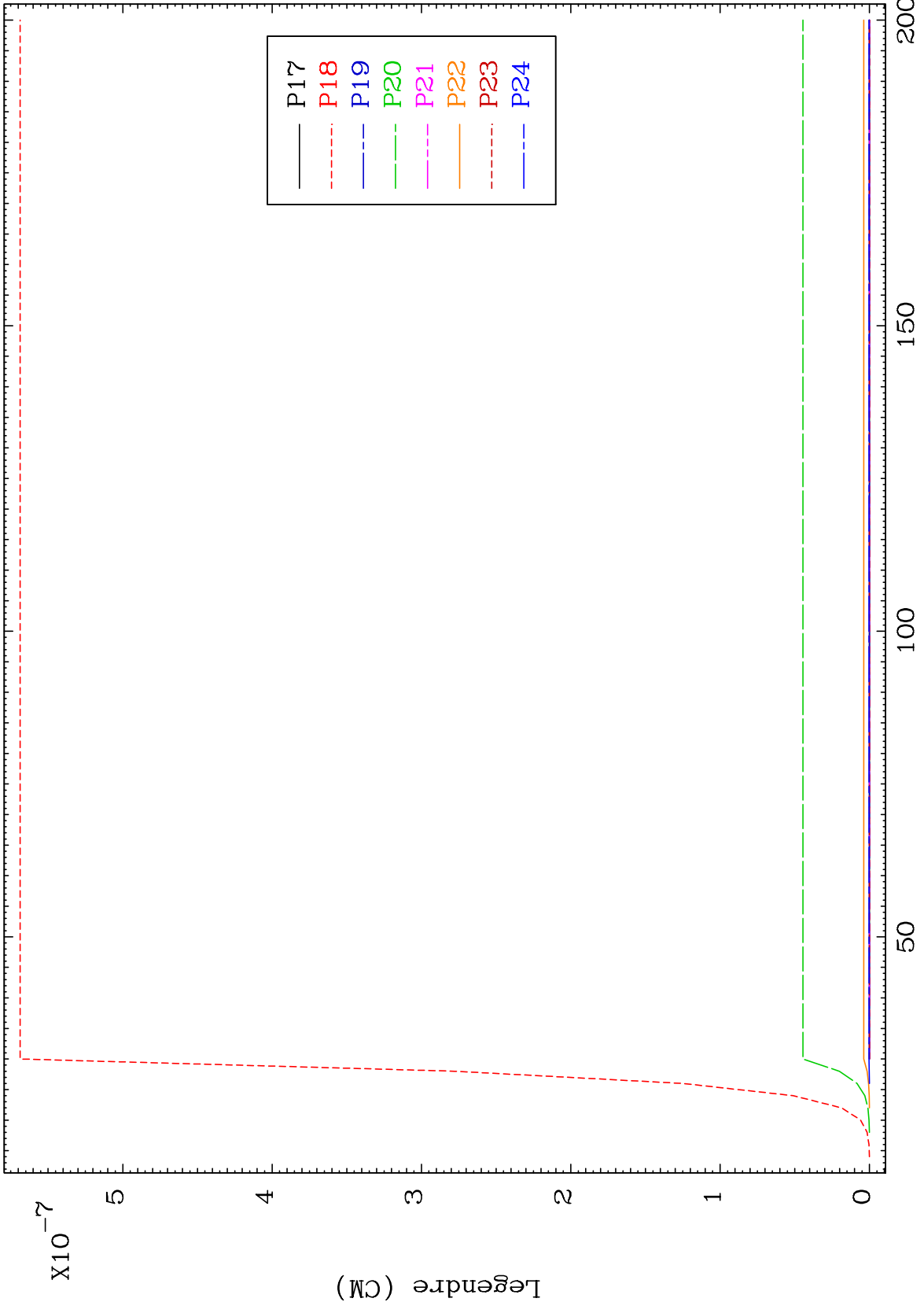
28-Ni-61



99

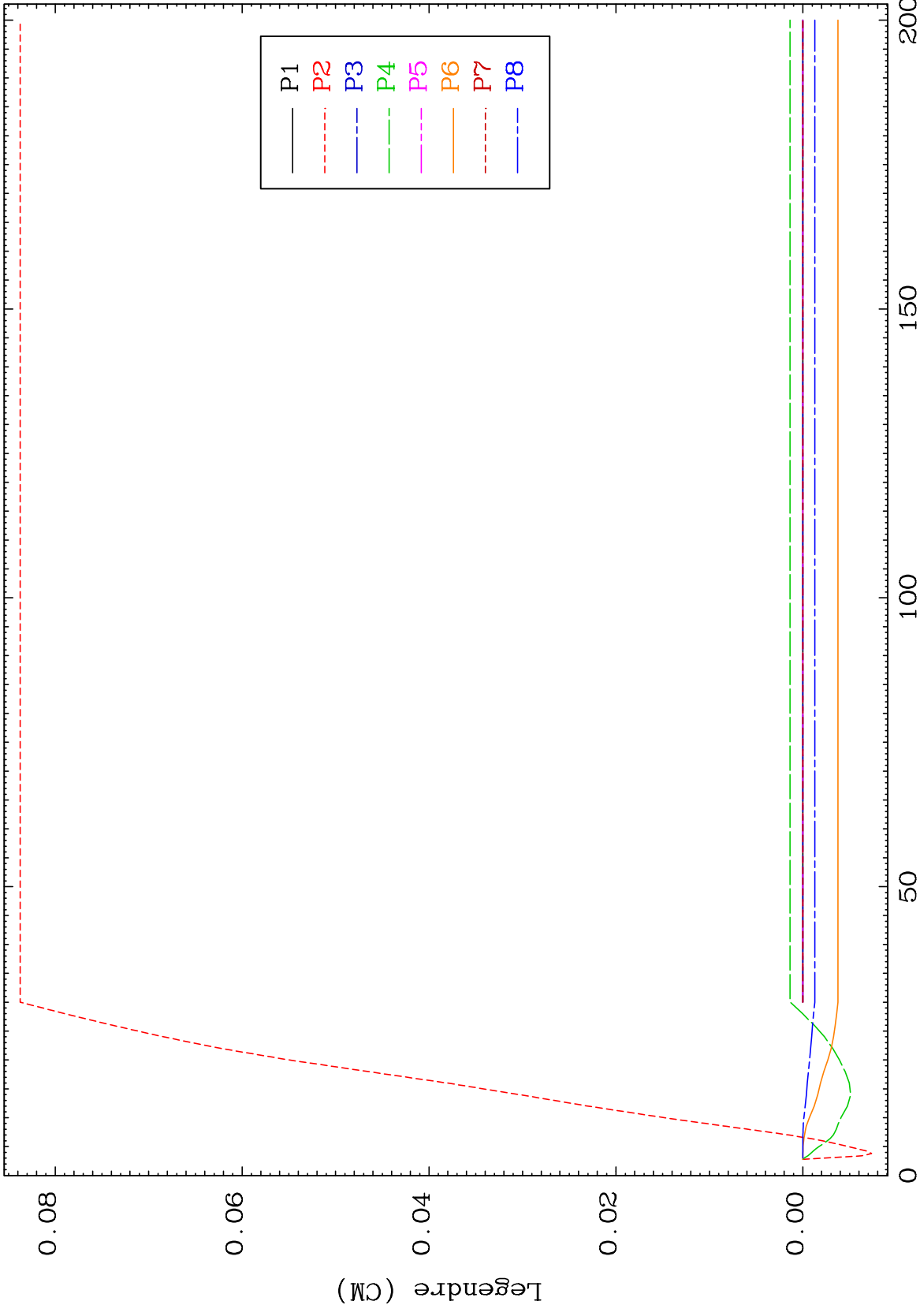
28-Ni-61

MAT 2834 MT= 78 (n,n') Level Legendre Coefficients 28-Ni-61



28-Ni-61

MAT 2834 MT= 79 (n,n') Level Legendre Coefficients 28-Ni-61

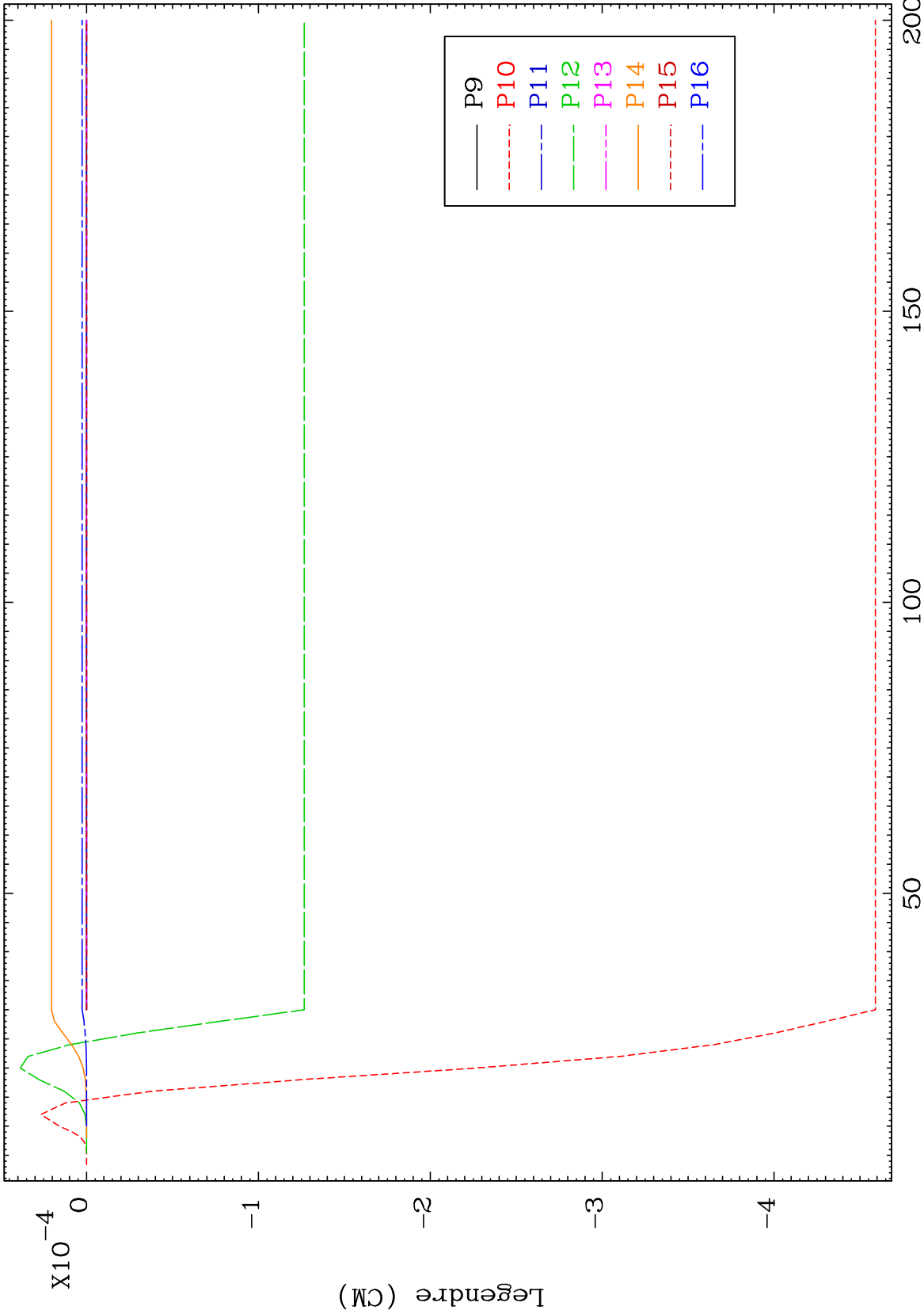


101 Incident Energy (MeV) 28-Ni-61

MAT 2834

MT= 79 (n,n') Level  
Legendre Coefficients

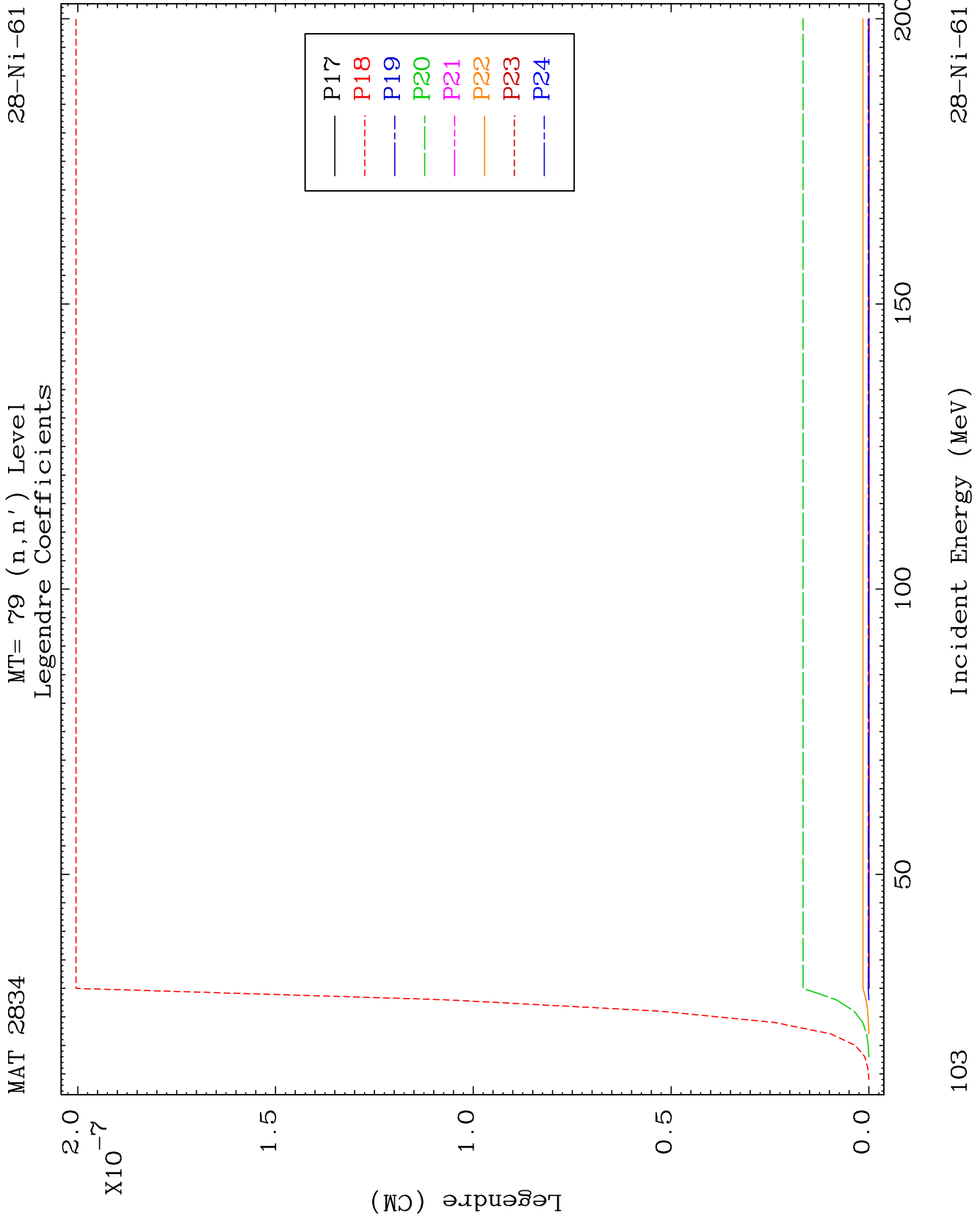
28-Ni-61



102

Incident Energy (MeV)

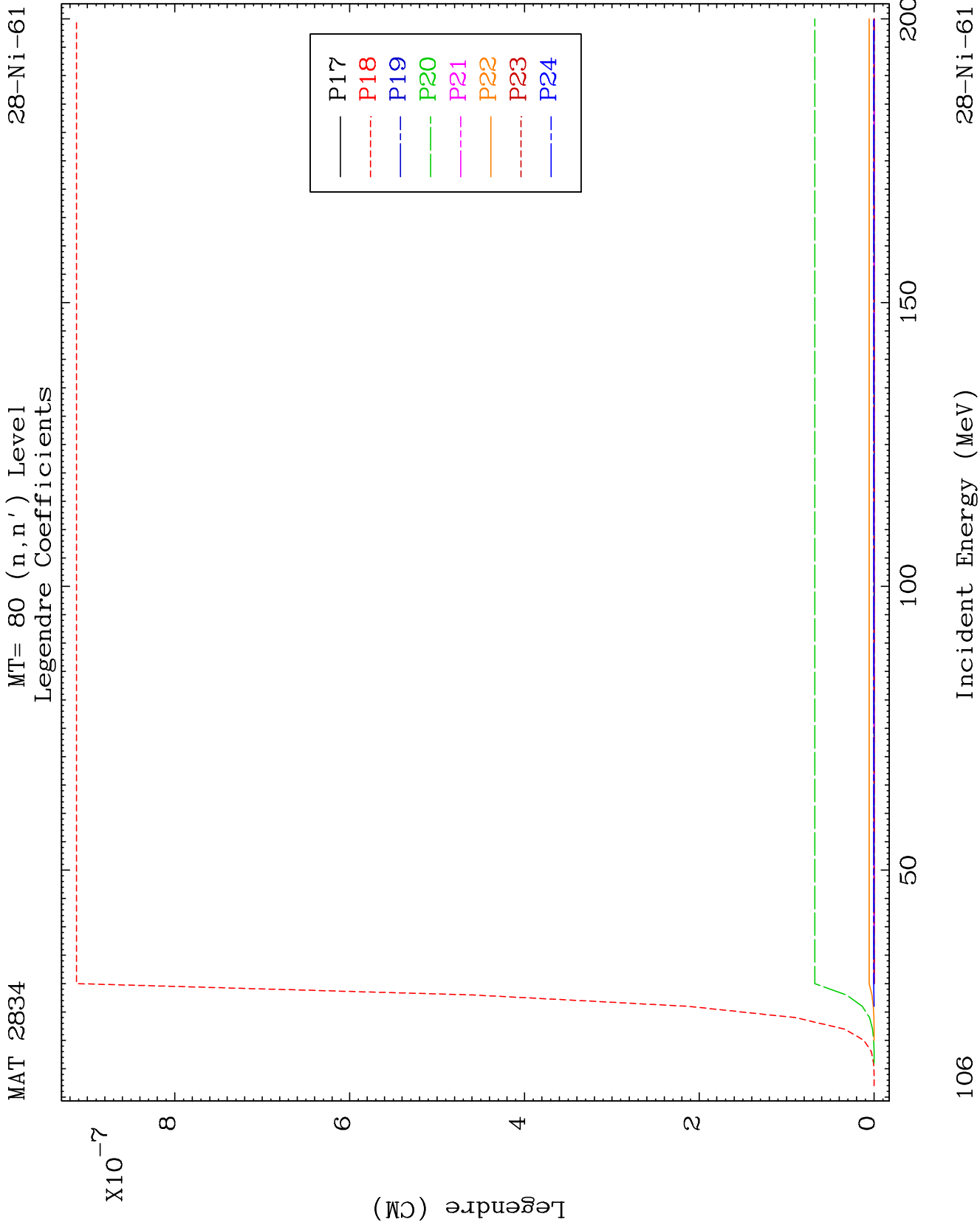
28-Ni-61









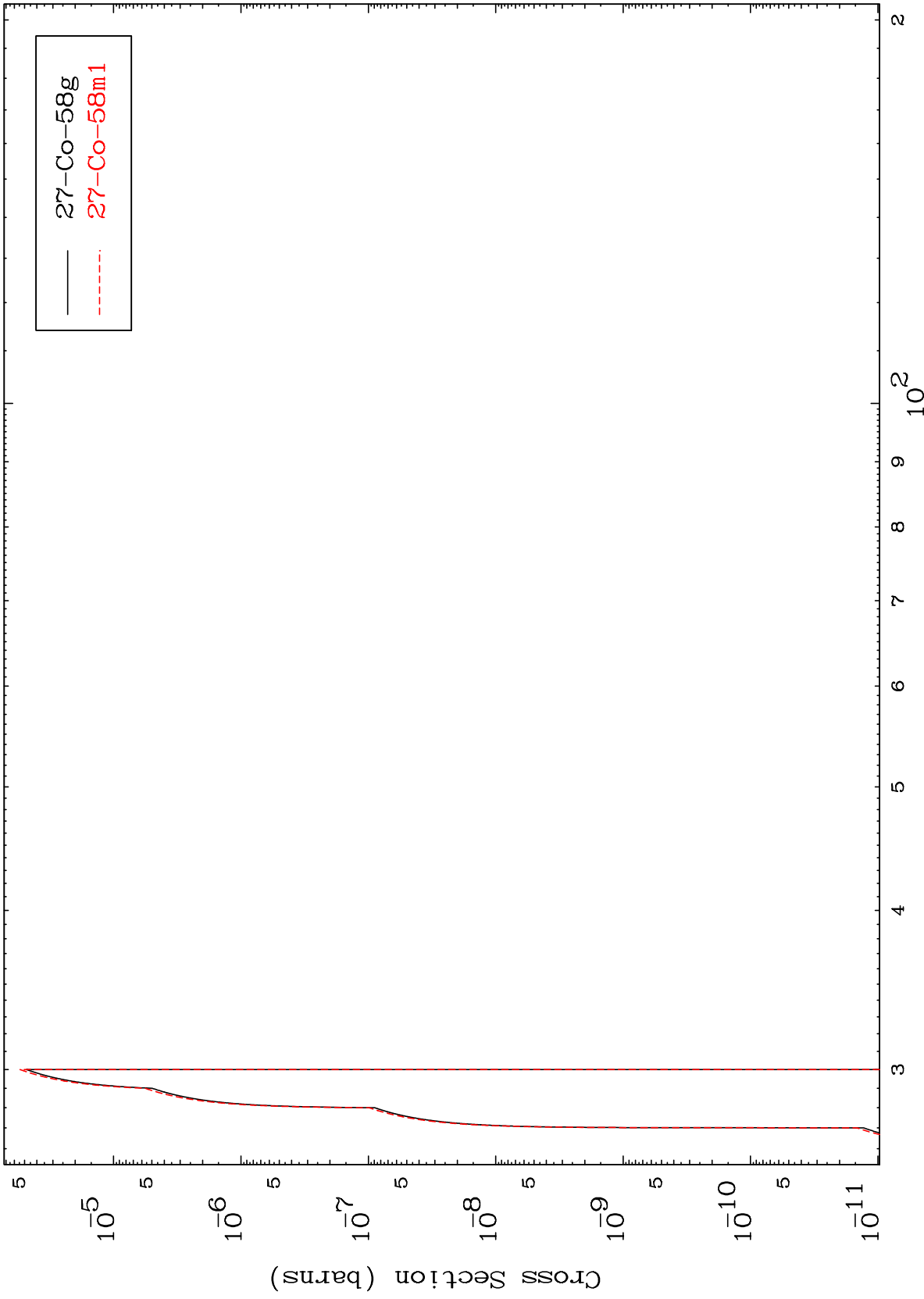


MAT 2834

(n,2n) d

<sup>28</sup>Ni-61

Radionuclide Production Cross Section



107

Incident Energy (MeV)

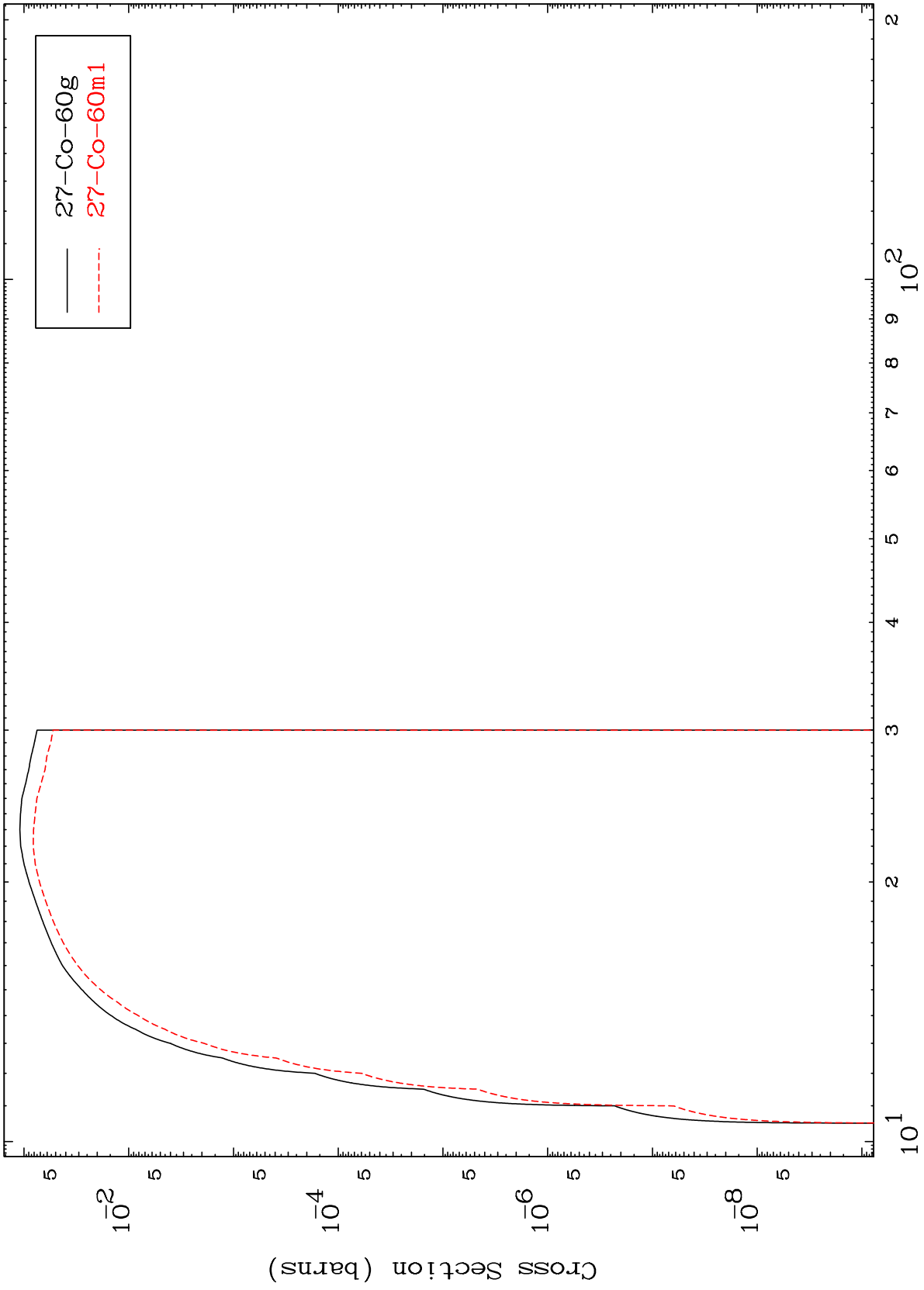
<sup>28</sup>Ni-61

MAT 2834

(n,n') p

<sup>28</sup>Ni-61

Radionuclide Production Cross Section



<sup>28</sup>Ni-61

Incident Energy (MeV)

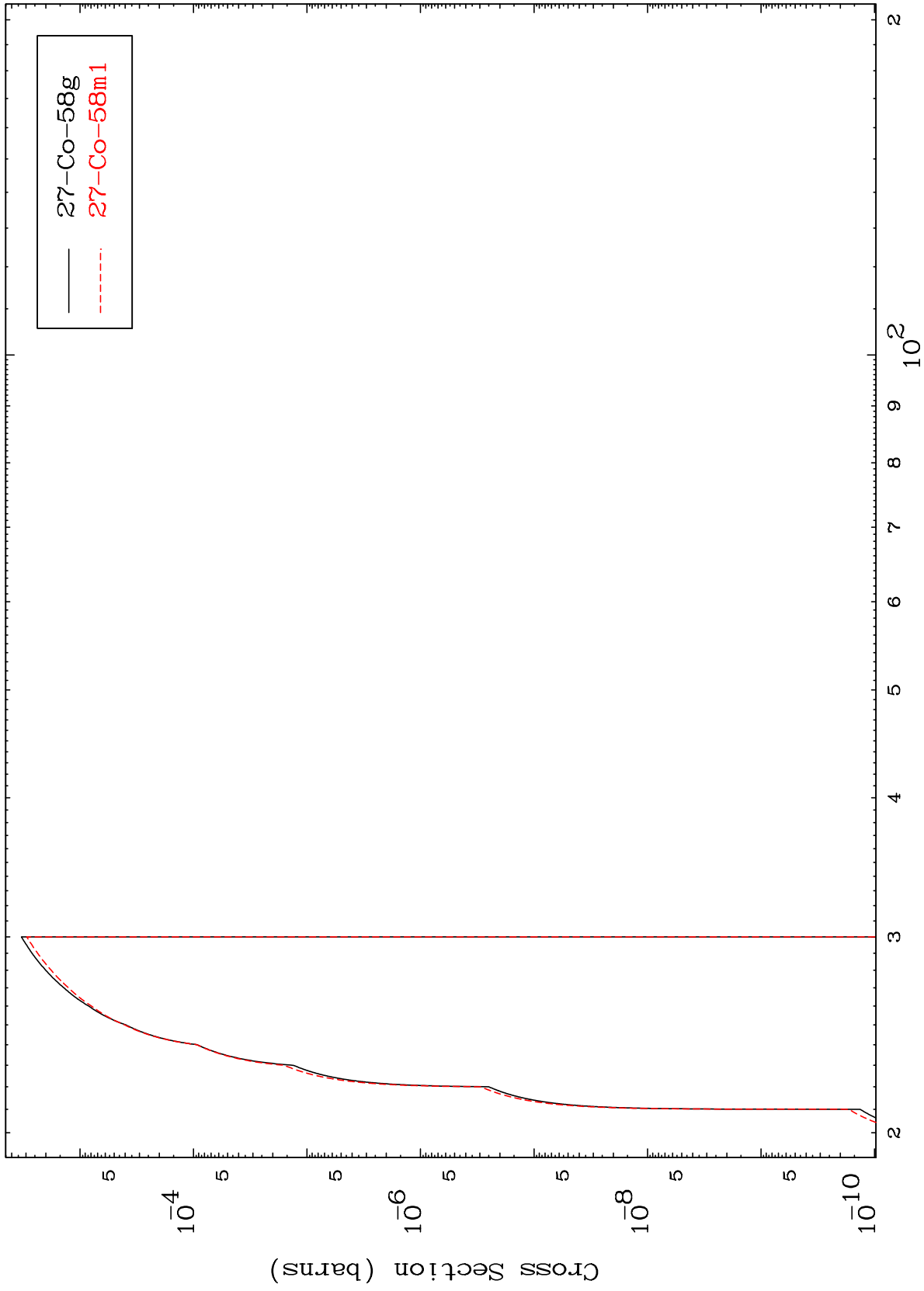
108

MAT 2834

(n,n') t

28-Ni-61

Radionuclide Production Cross Section



109

Incident Energy (MeV)

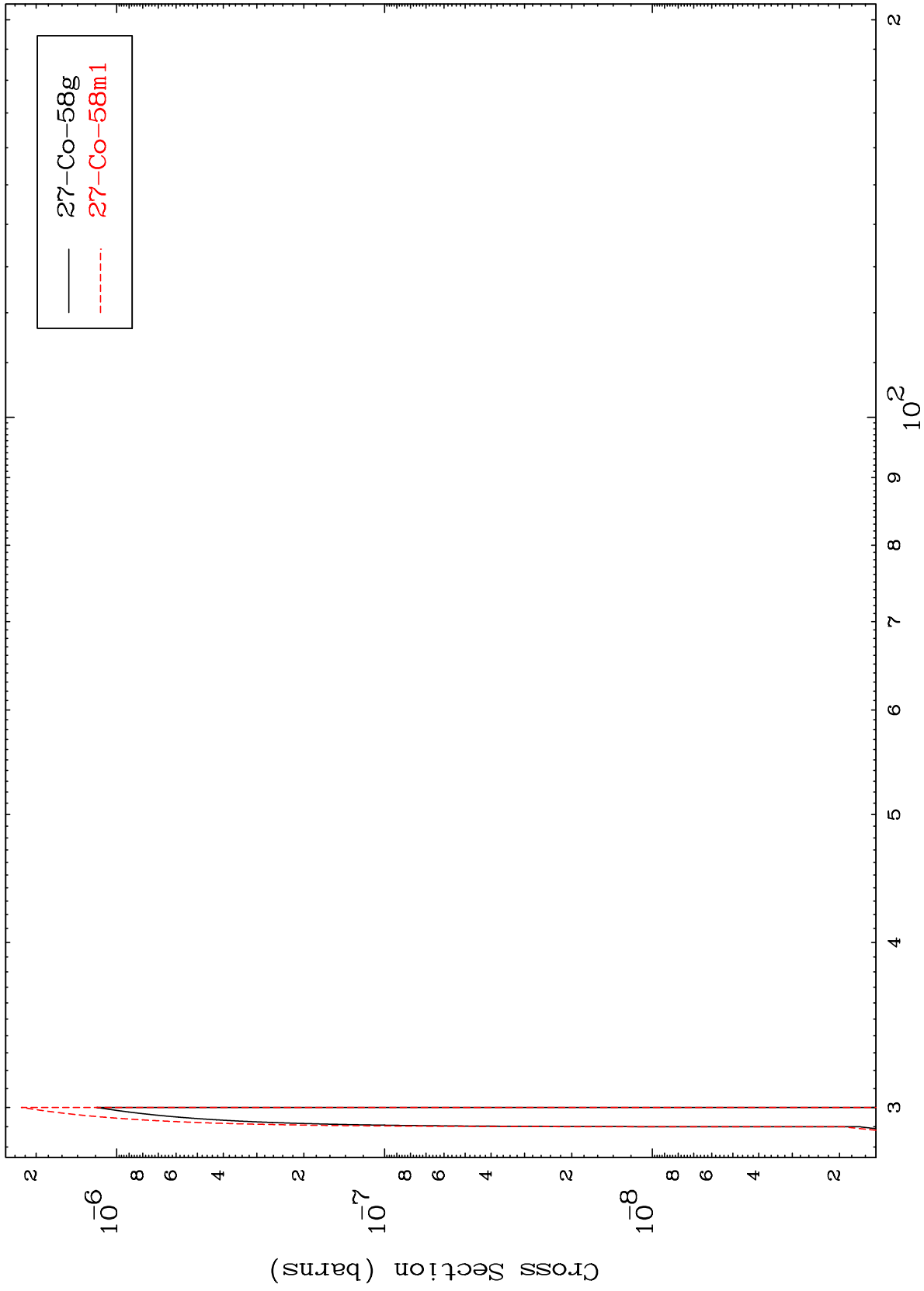
28-Ni-61

MAT 2834

(n,3n) p

<sup>28</sup>Ni-61

Radionuclide Production Cross Section



110

Incident Energy (MeV)

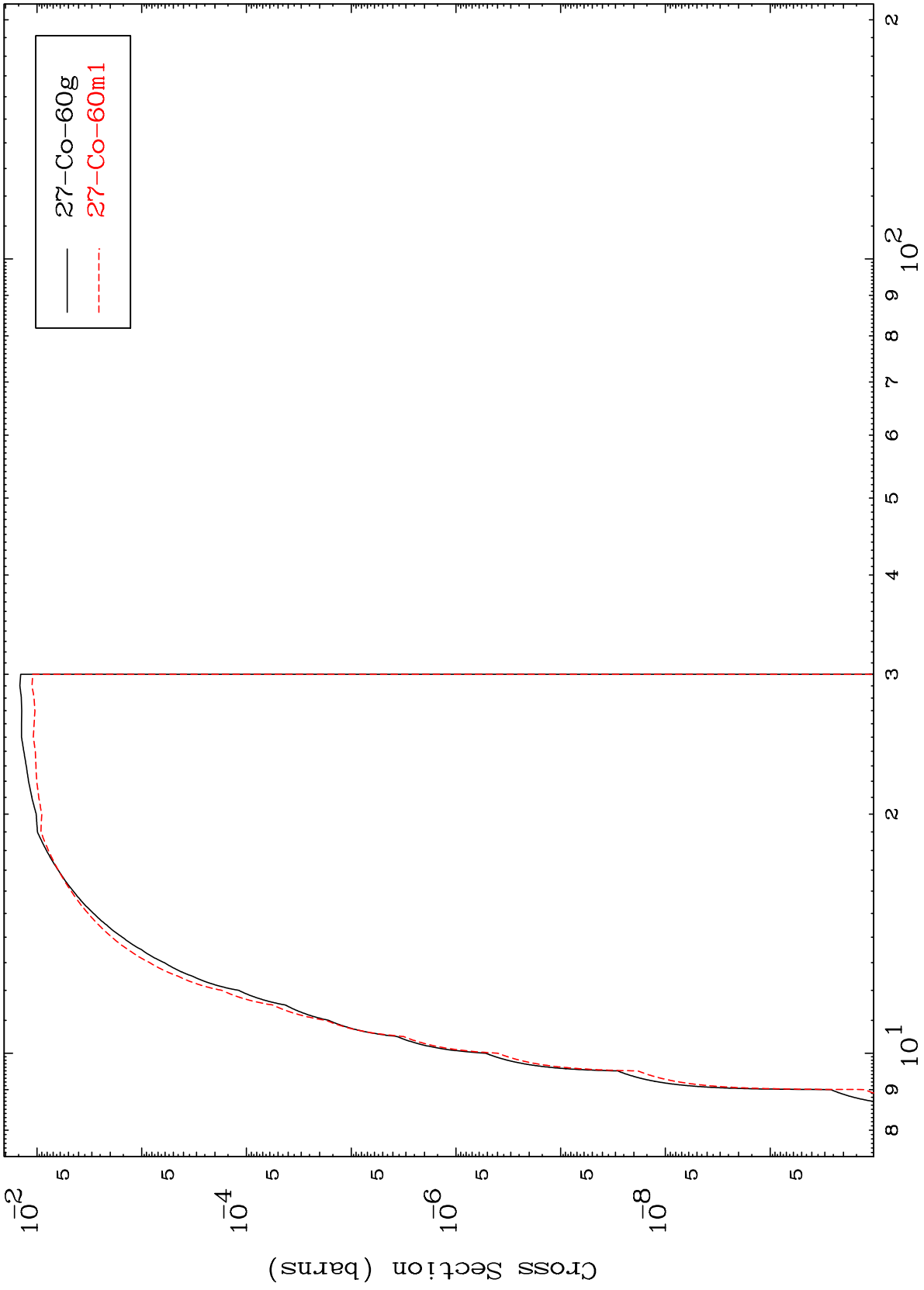
<sup>28</sup>Ni-61

MAT 2834

(n,d)

<sup>28</sup>Ni-61

Radionuclide Production Cross Section



111

Incident Energy (MeV)

<sup>28</sup>Ni-61