

Program EVALPLOT
(Version 2017-1)

by

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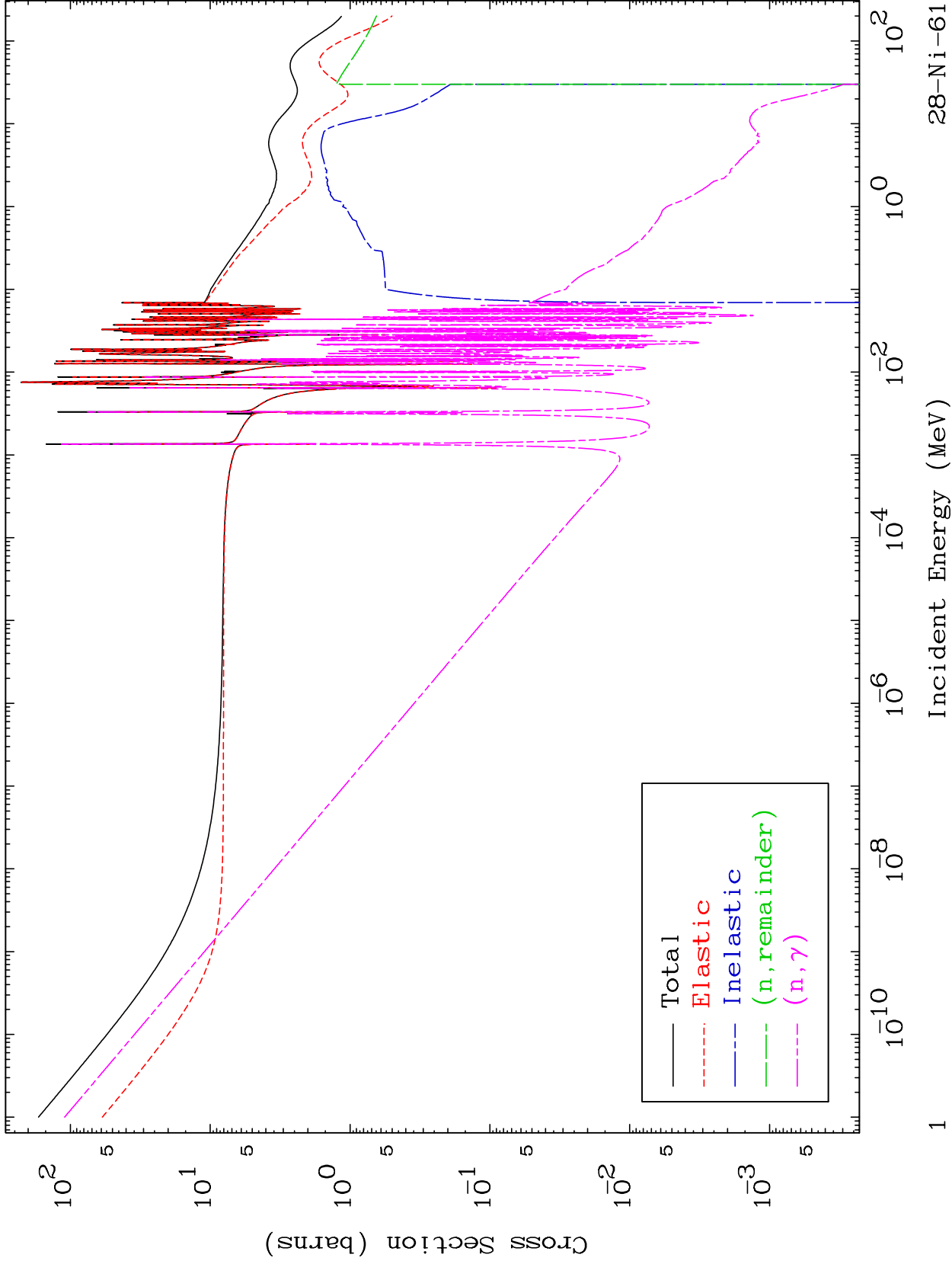
Press Mouse Button to Start

MAT 2834

Major

293 Kelvin Cross Sections

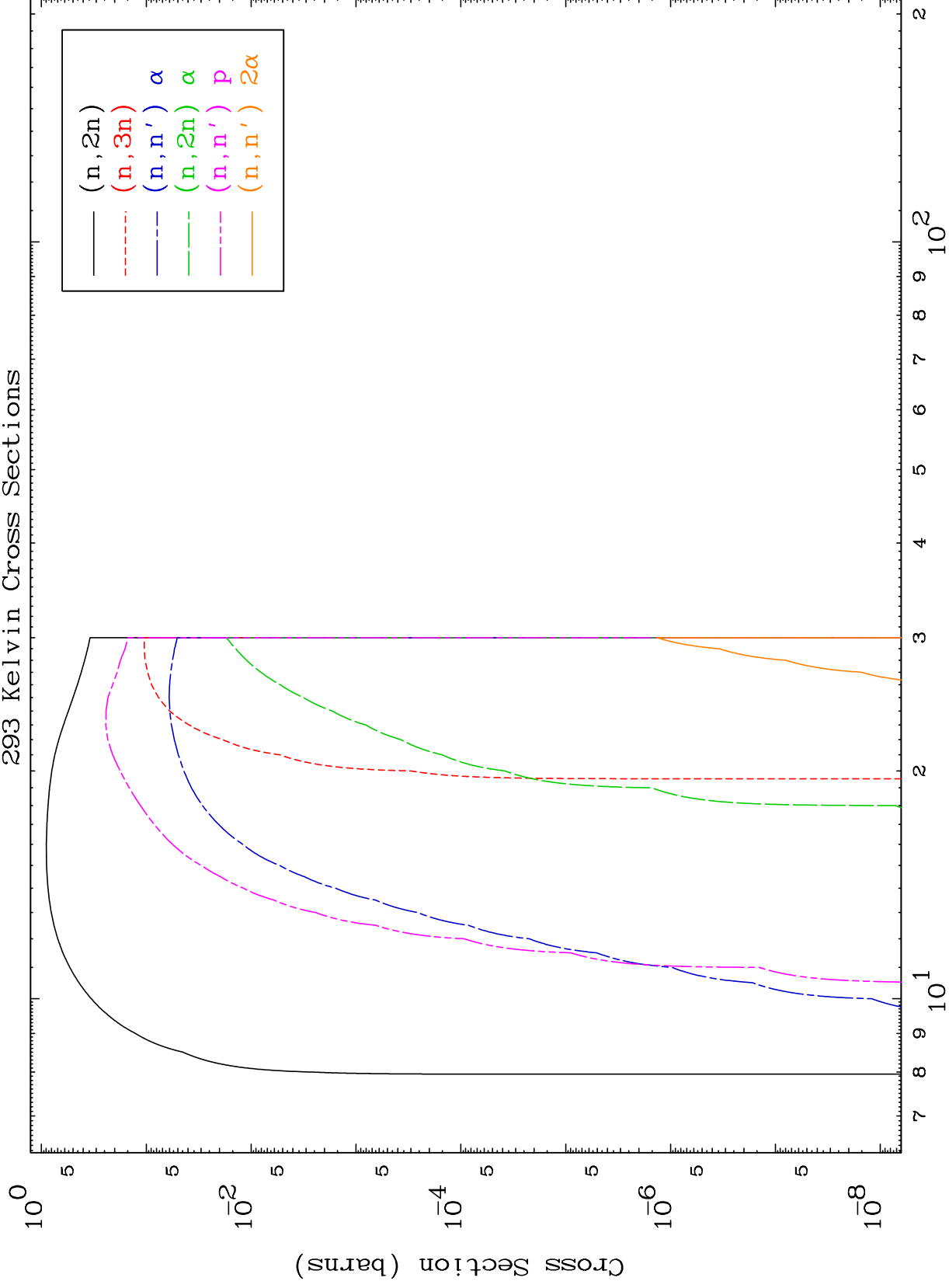
28-Ni-61



MAT 2834

Neutron Production
293 Kelvin Cross Sections

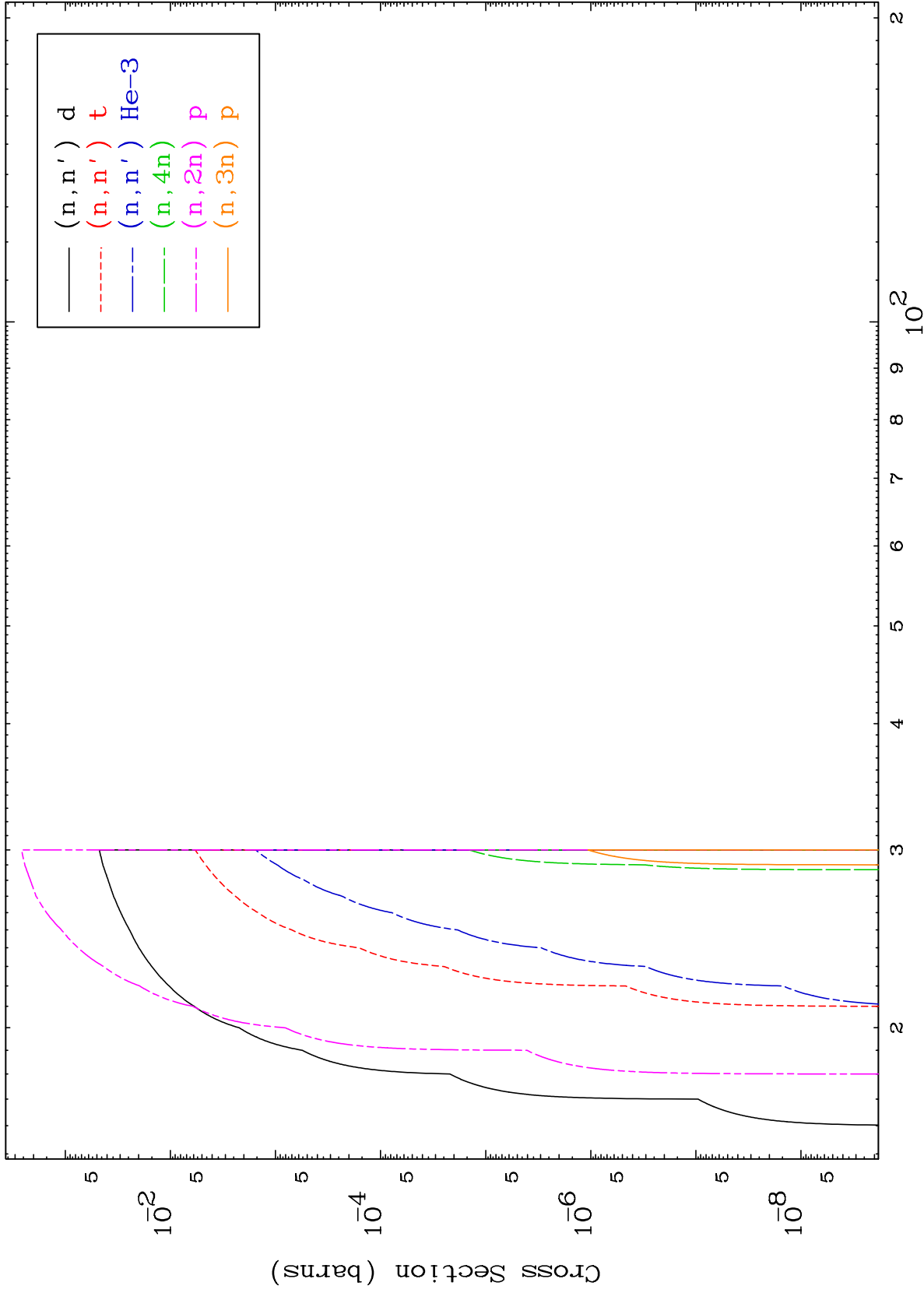
28-Ni-61



2

Incident Energy (MeV)

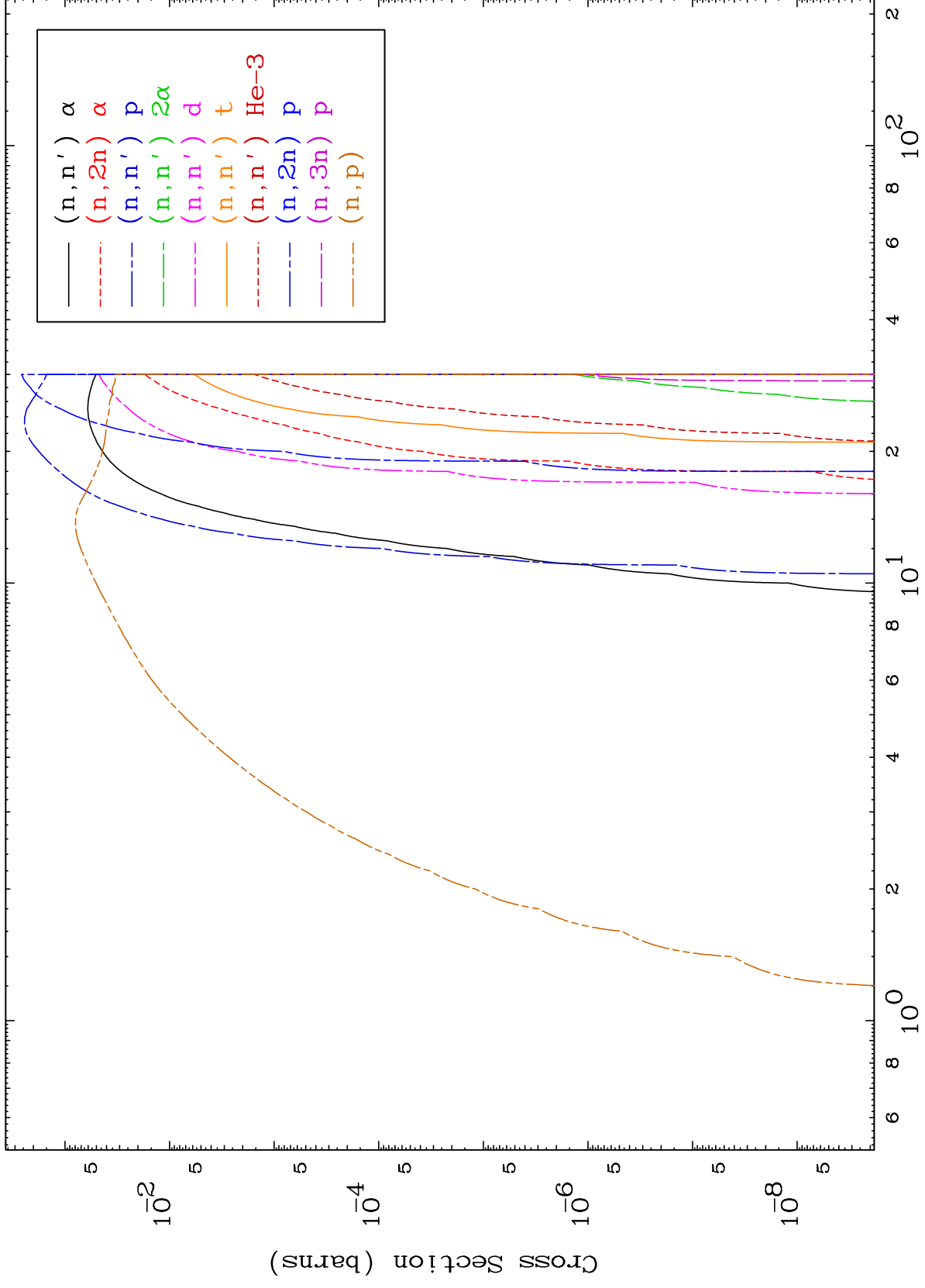
28-Ni-61



MAT 2834

Charged Particle
293 Kelvin Cross Sections

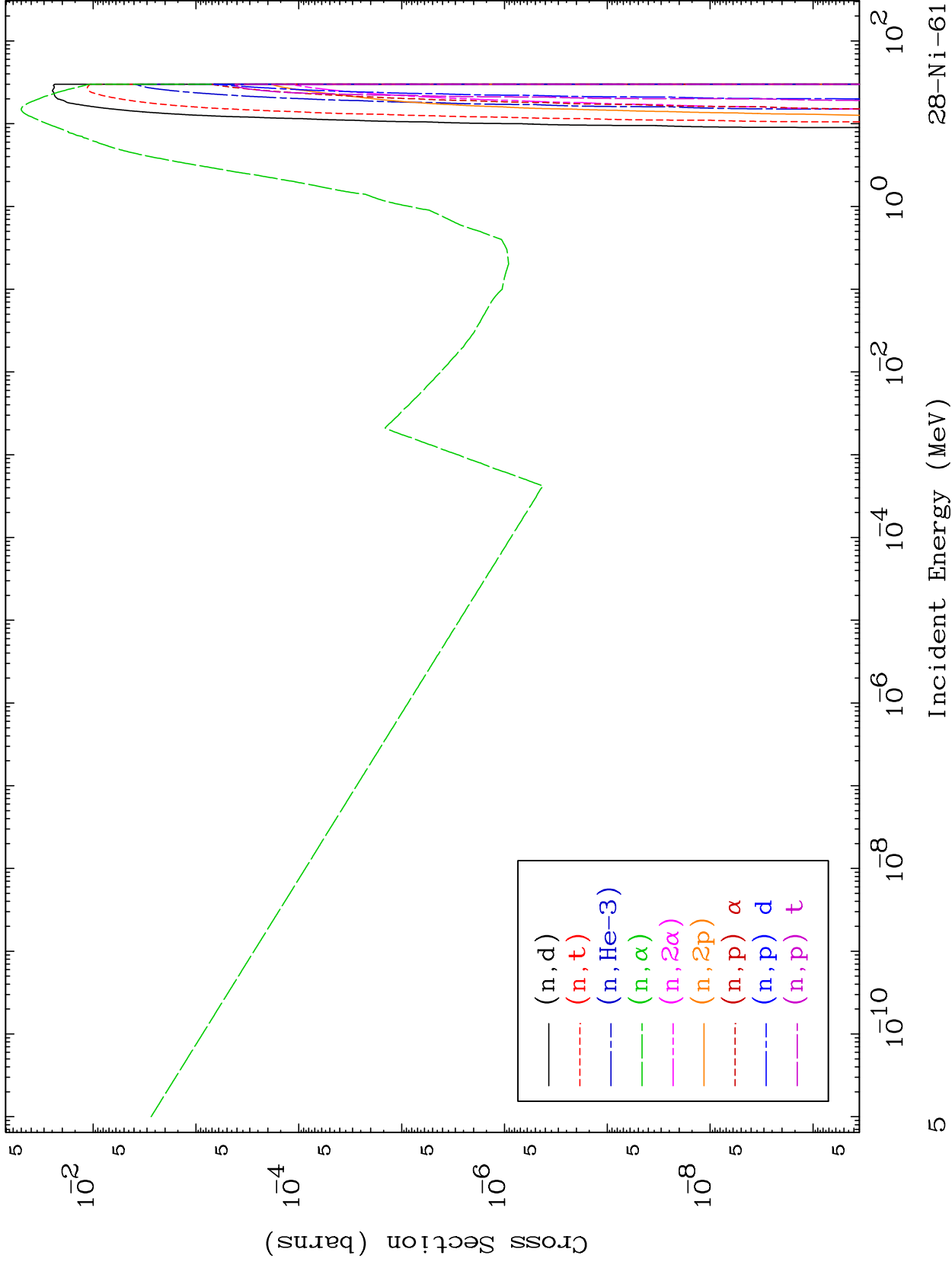
28-Ni-61



MAT 2834

Charged Particle
293 Kelvin Cross Sections

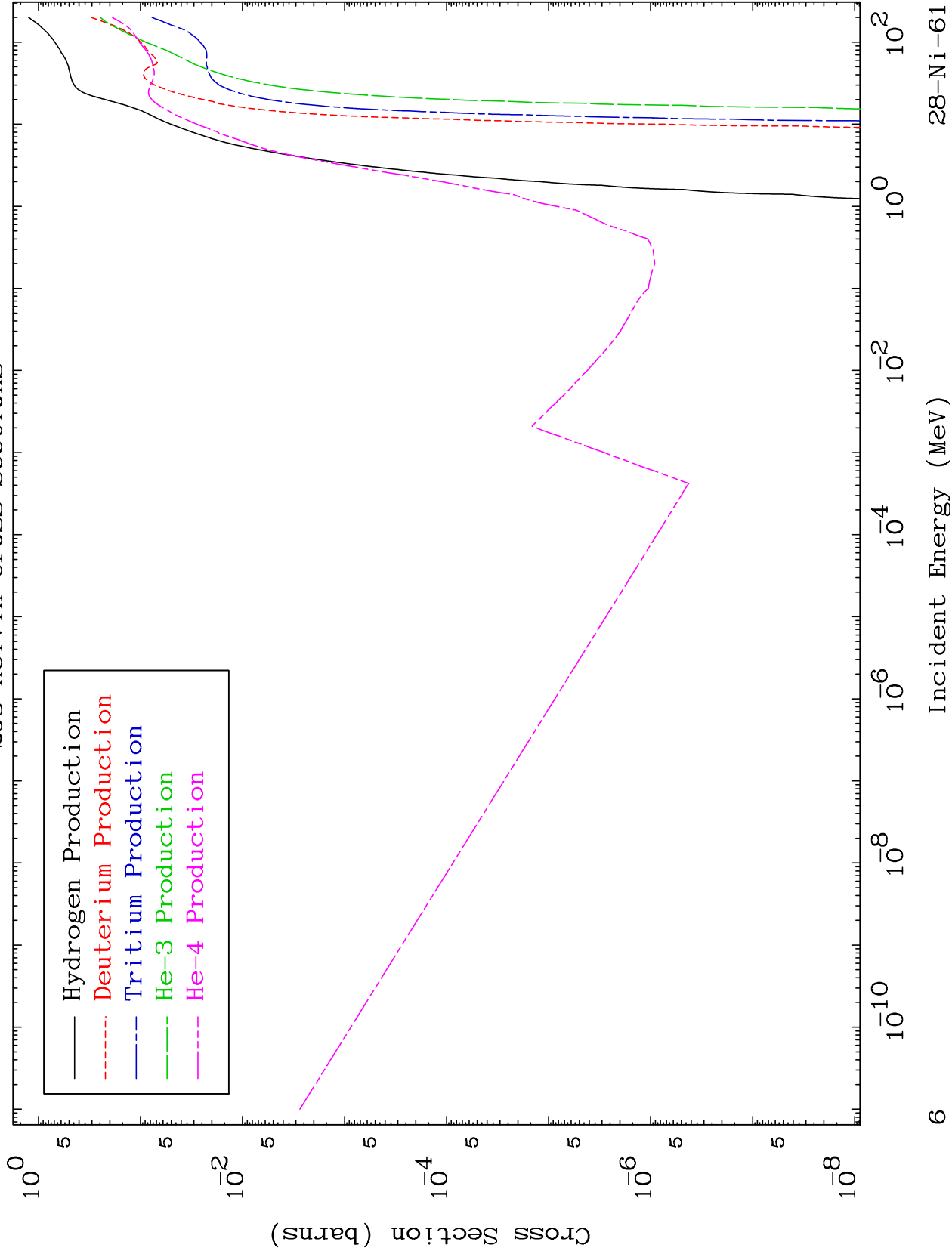
28-Ni-61



MAT 2834

Particle Production
293 Kelvin Cross Sections

28-Ni-61

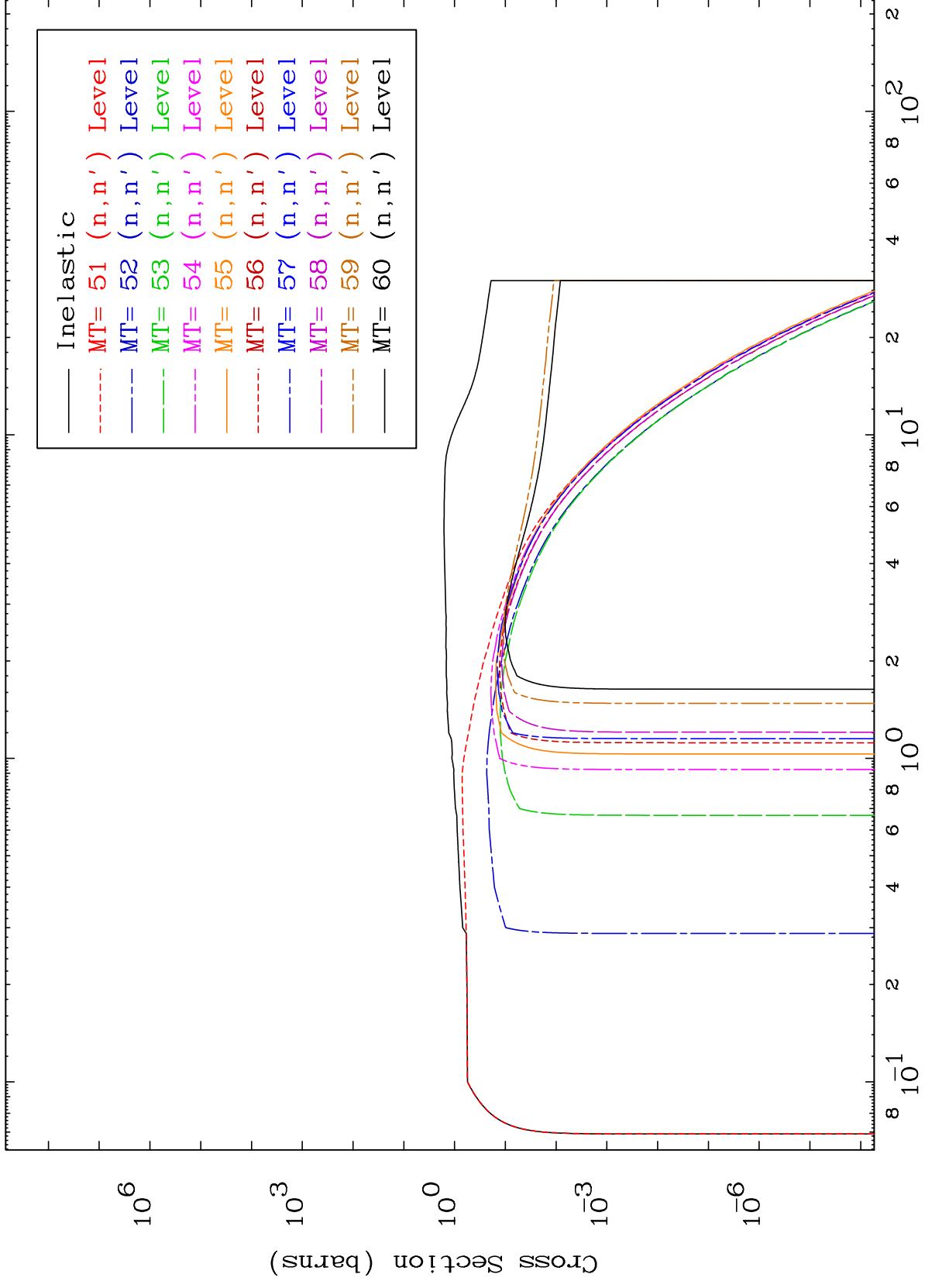


MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



7

Incident Energy (MeV)

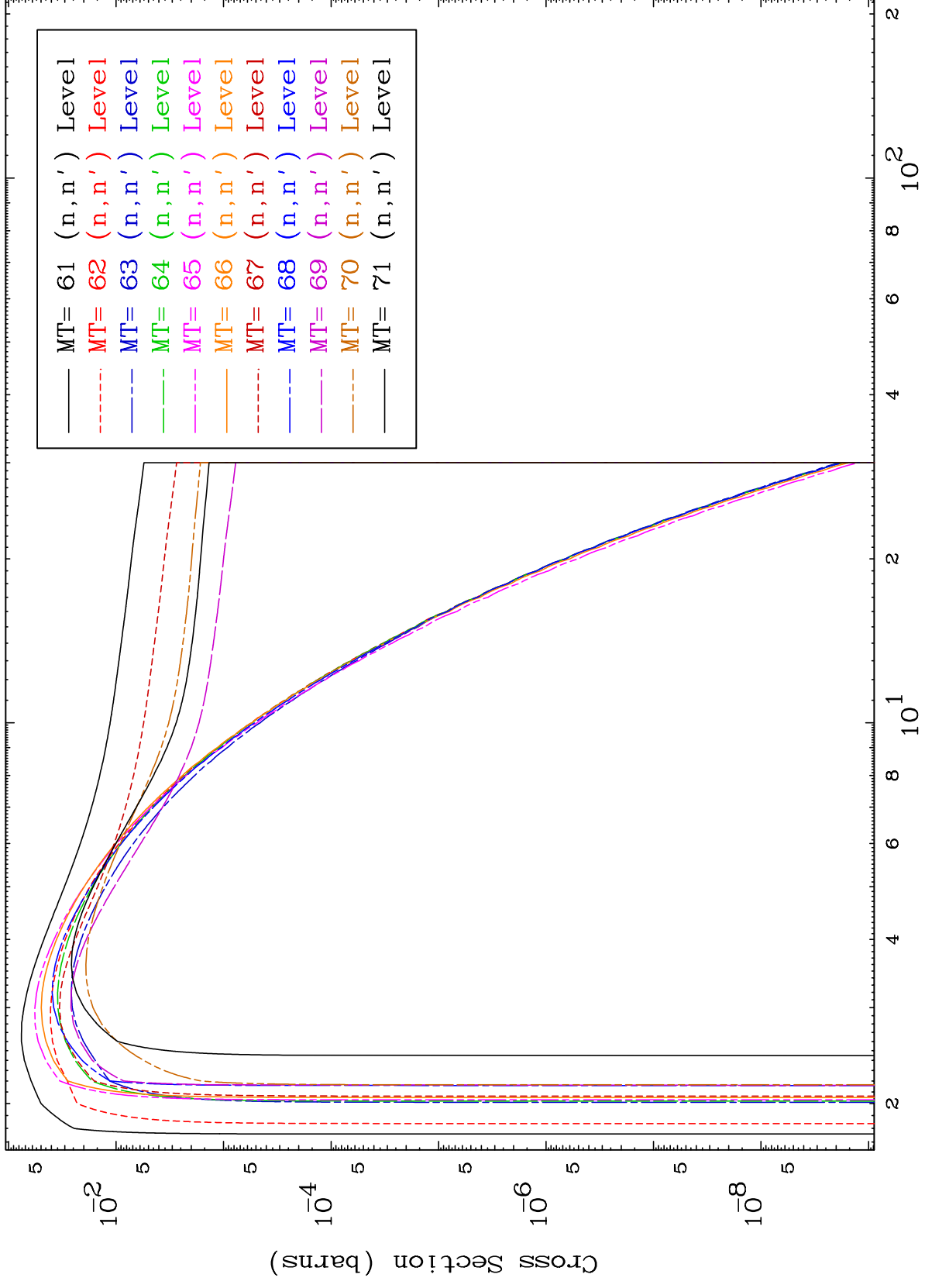
28-Ni-61

MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



8

Incident Energy (MeV)

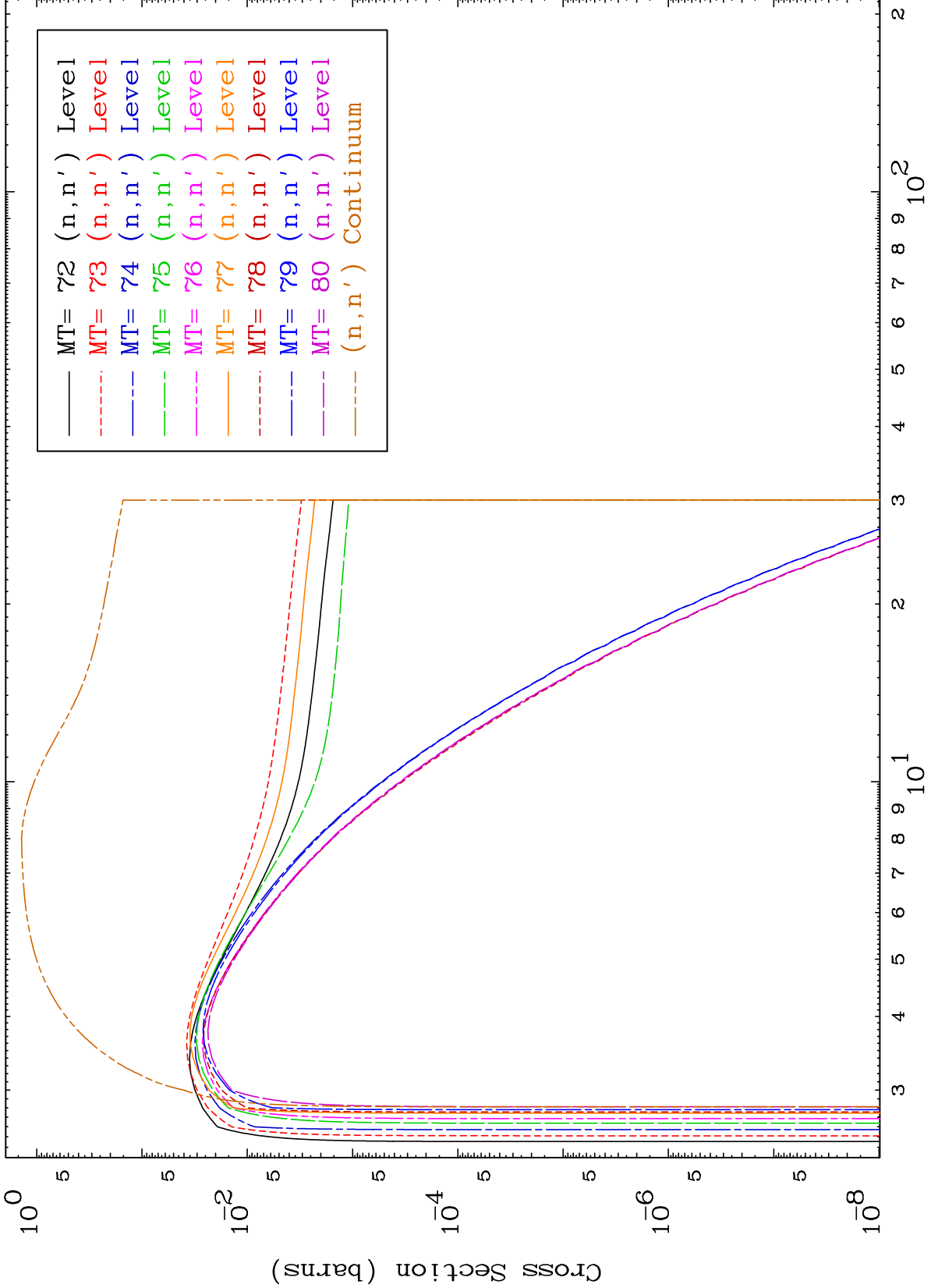
28-Ni-61

MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



9

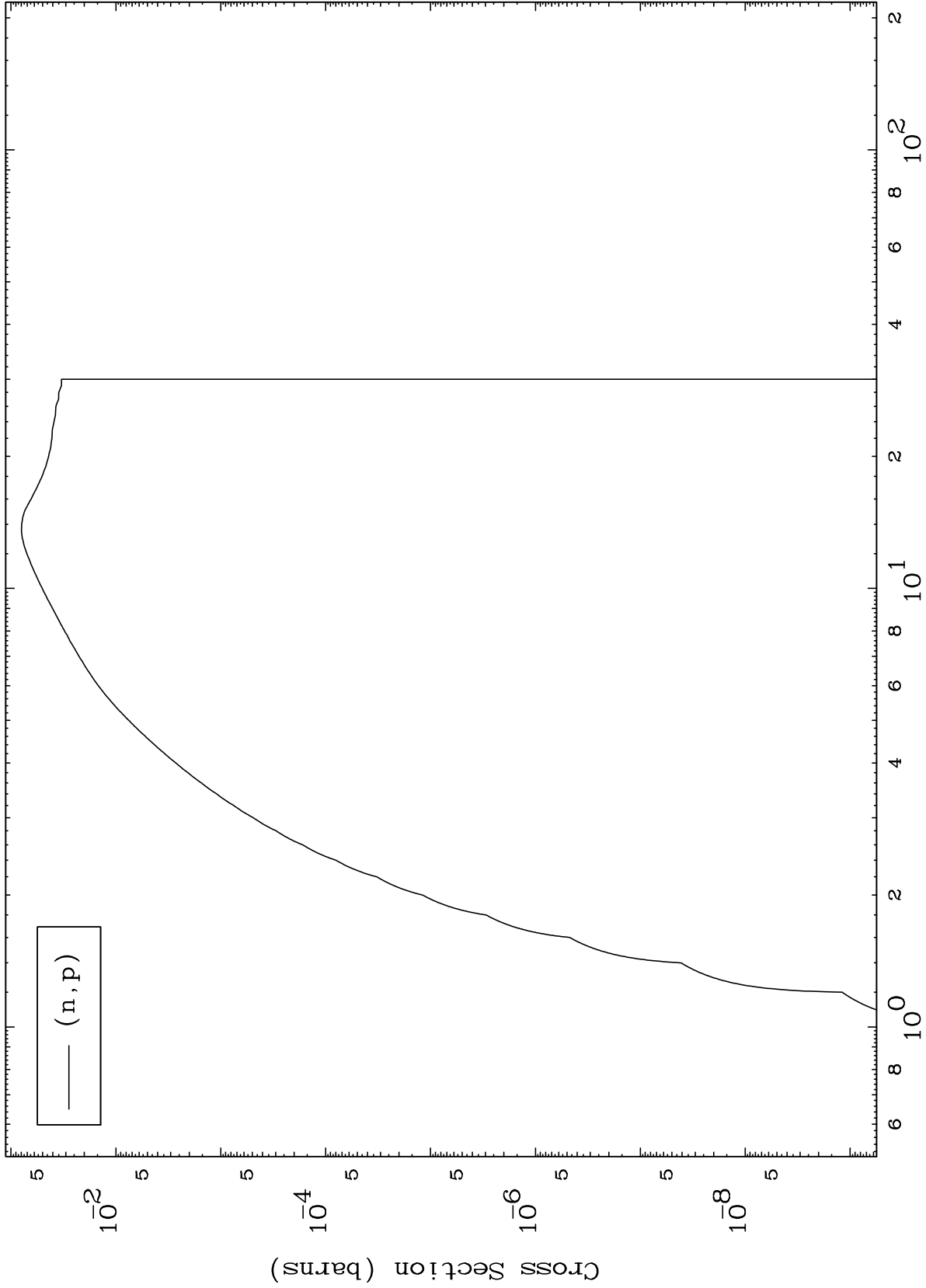
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-61



10

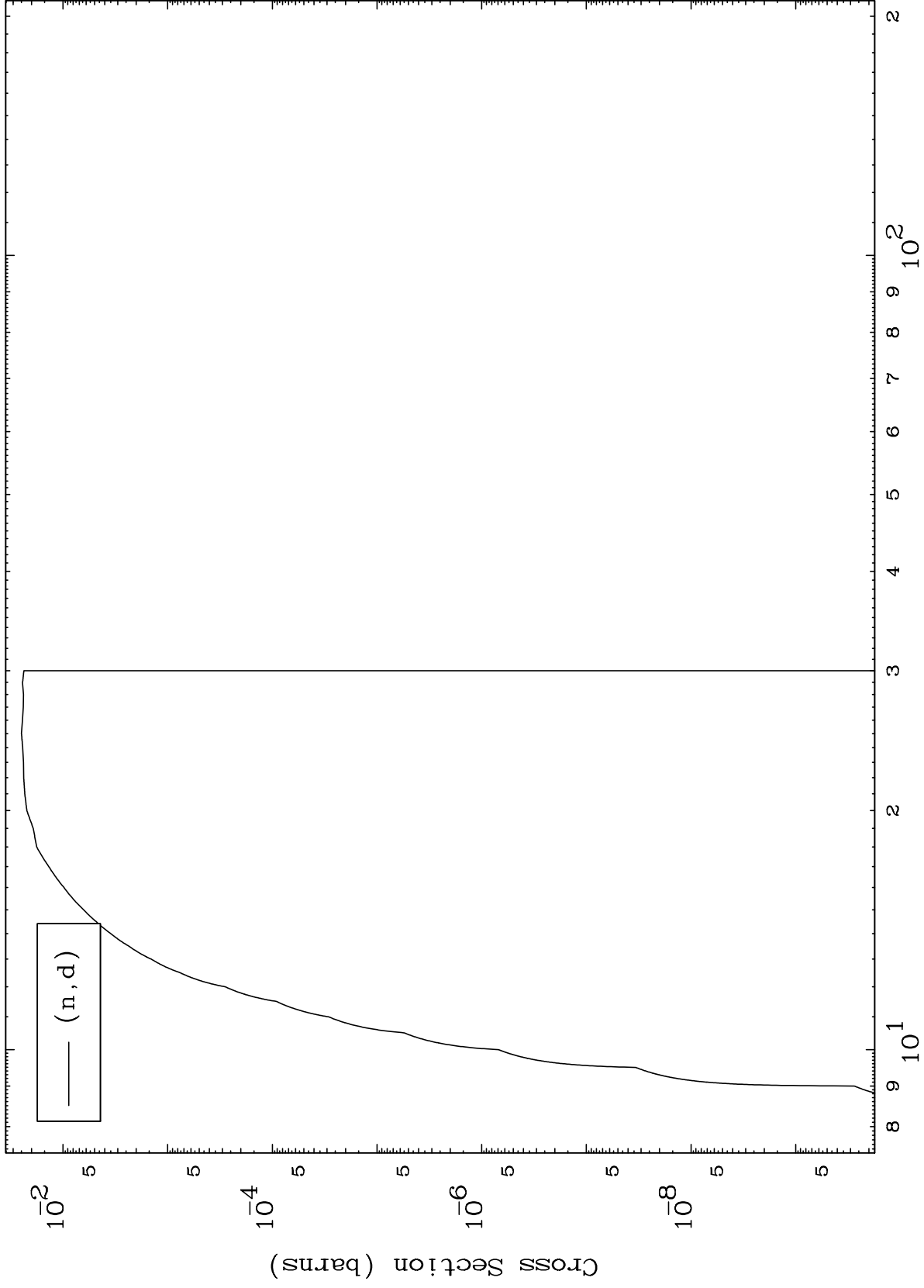
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-61



11

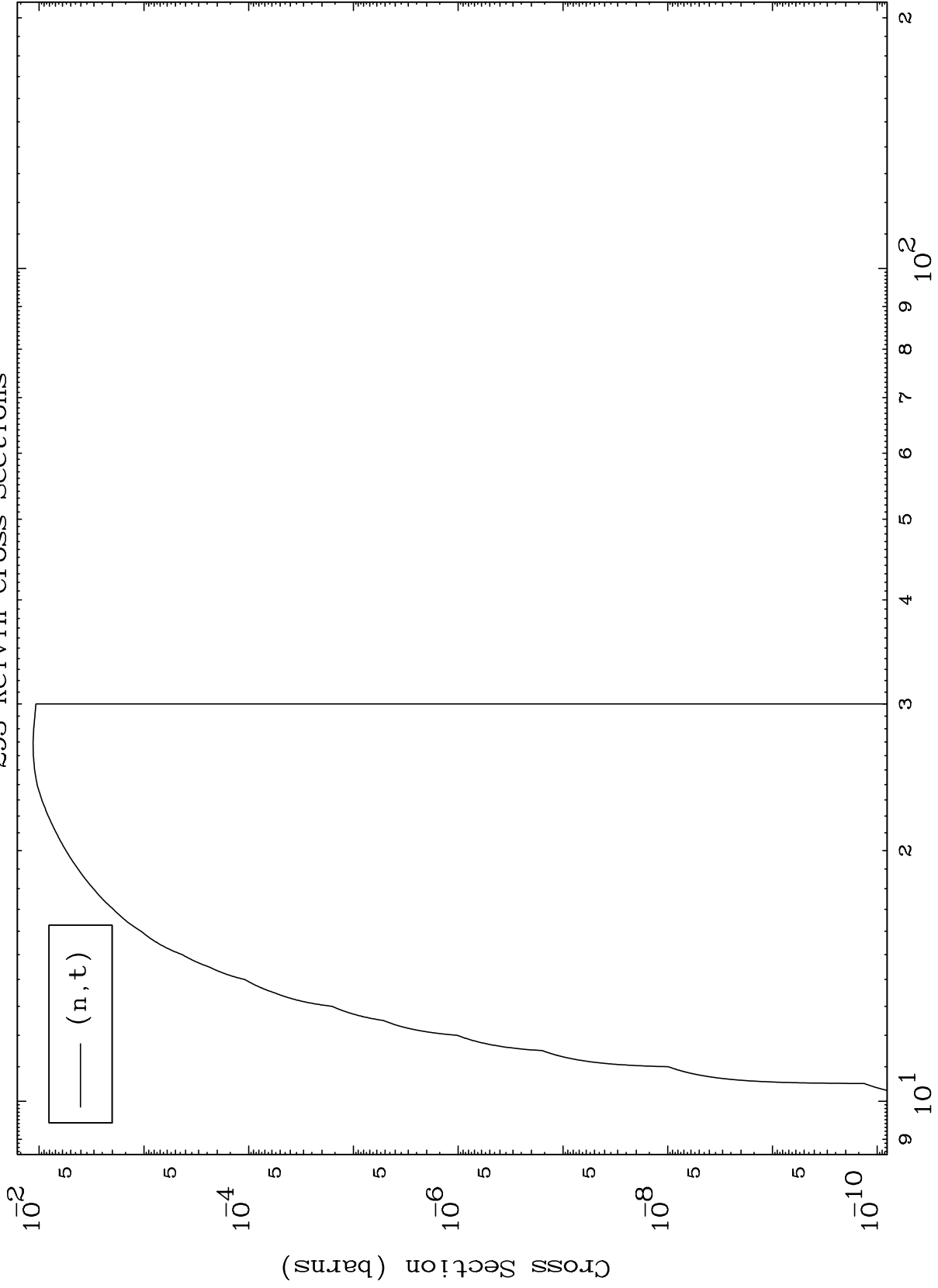
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-61



12

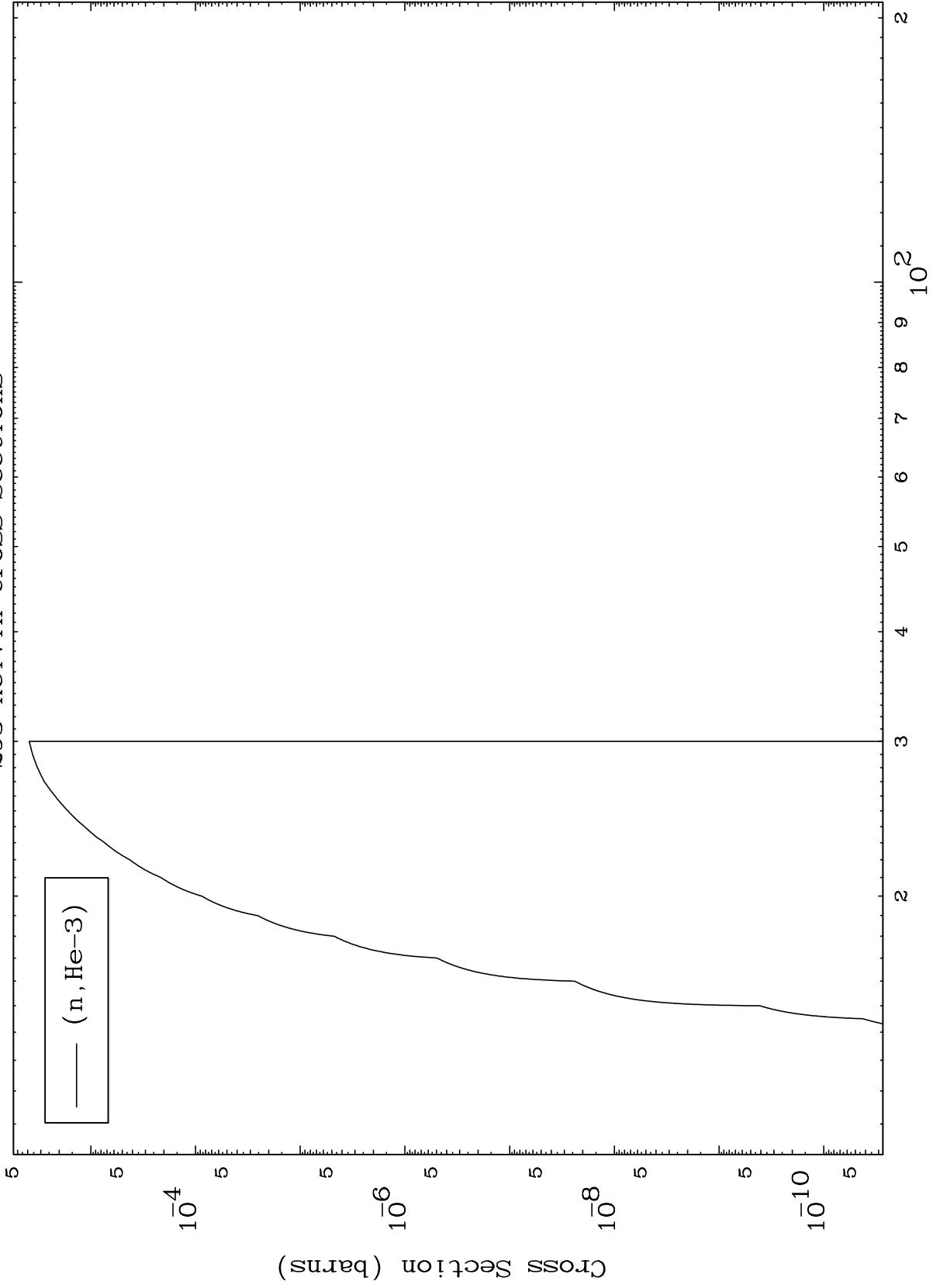
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,He3) Levels
293 Kelvin Cross Sections

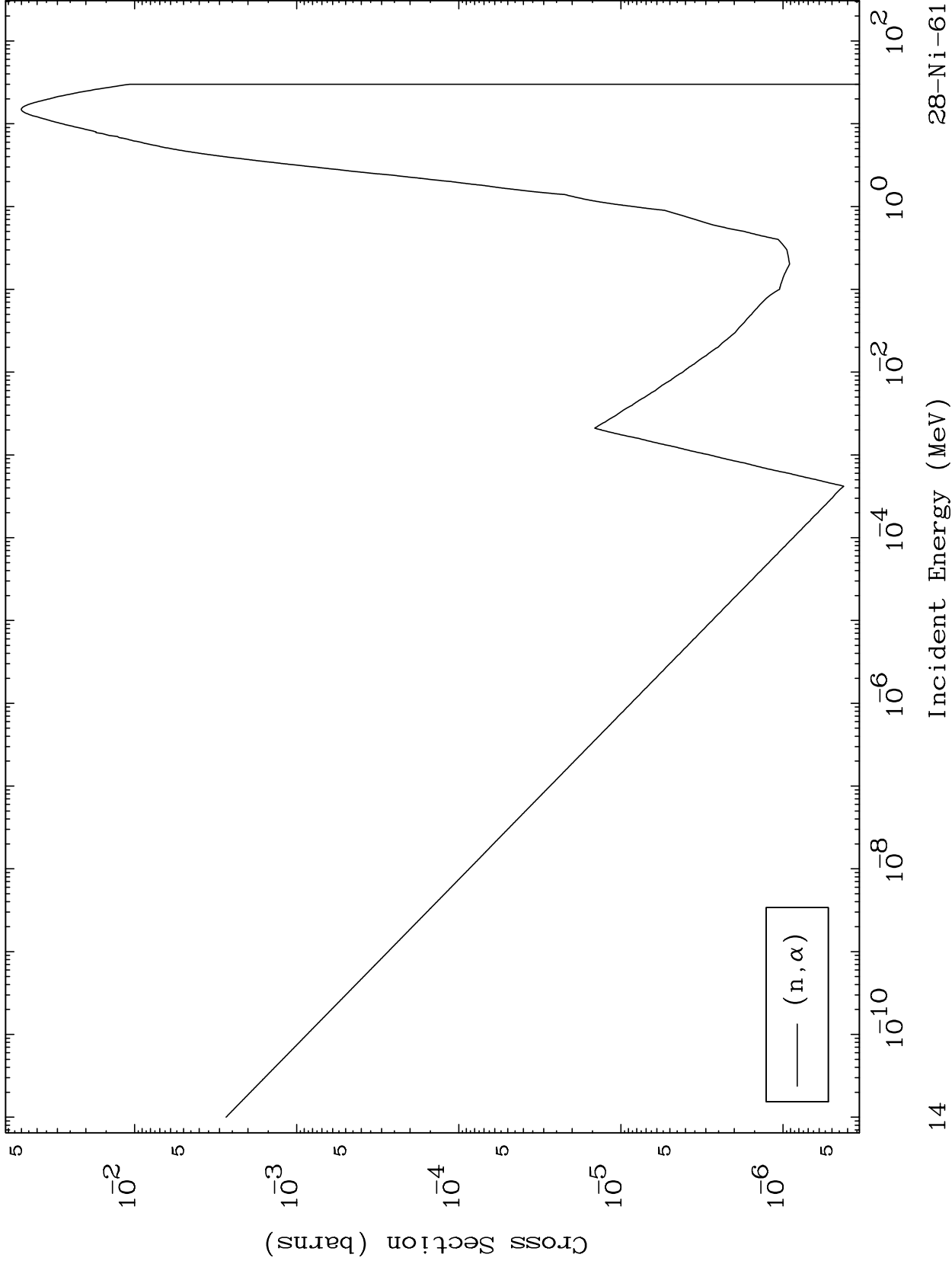
28-Ni-61

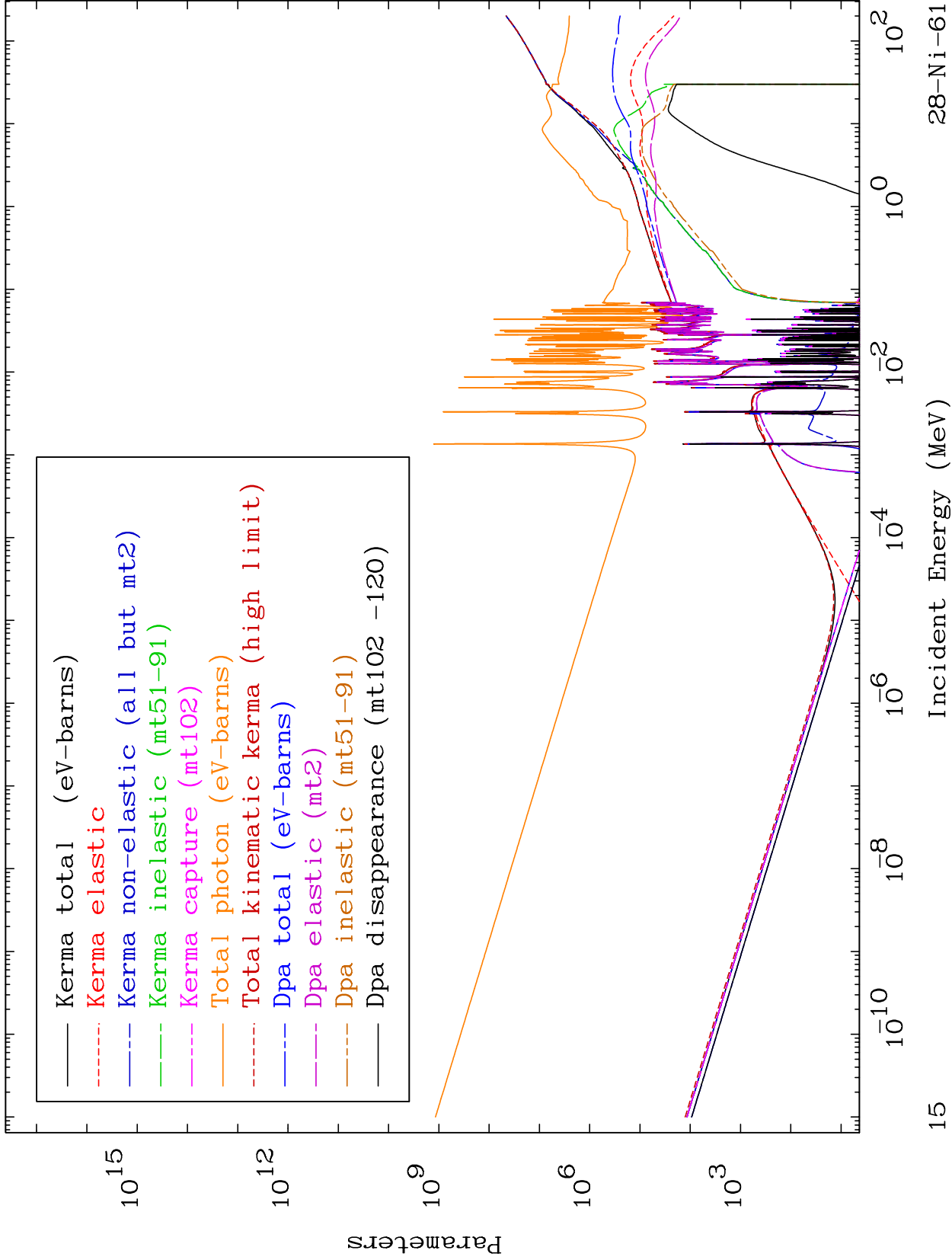


MAT 2834

(n,α) Levels
293 Kelvin Cross Sections

28-Ni-61

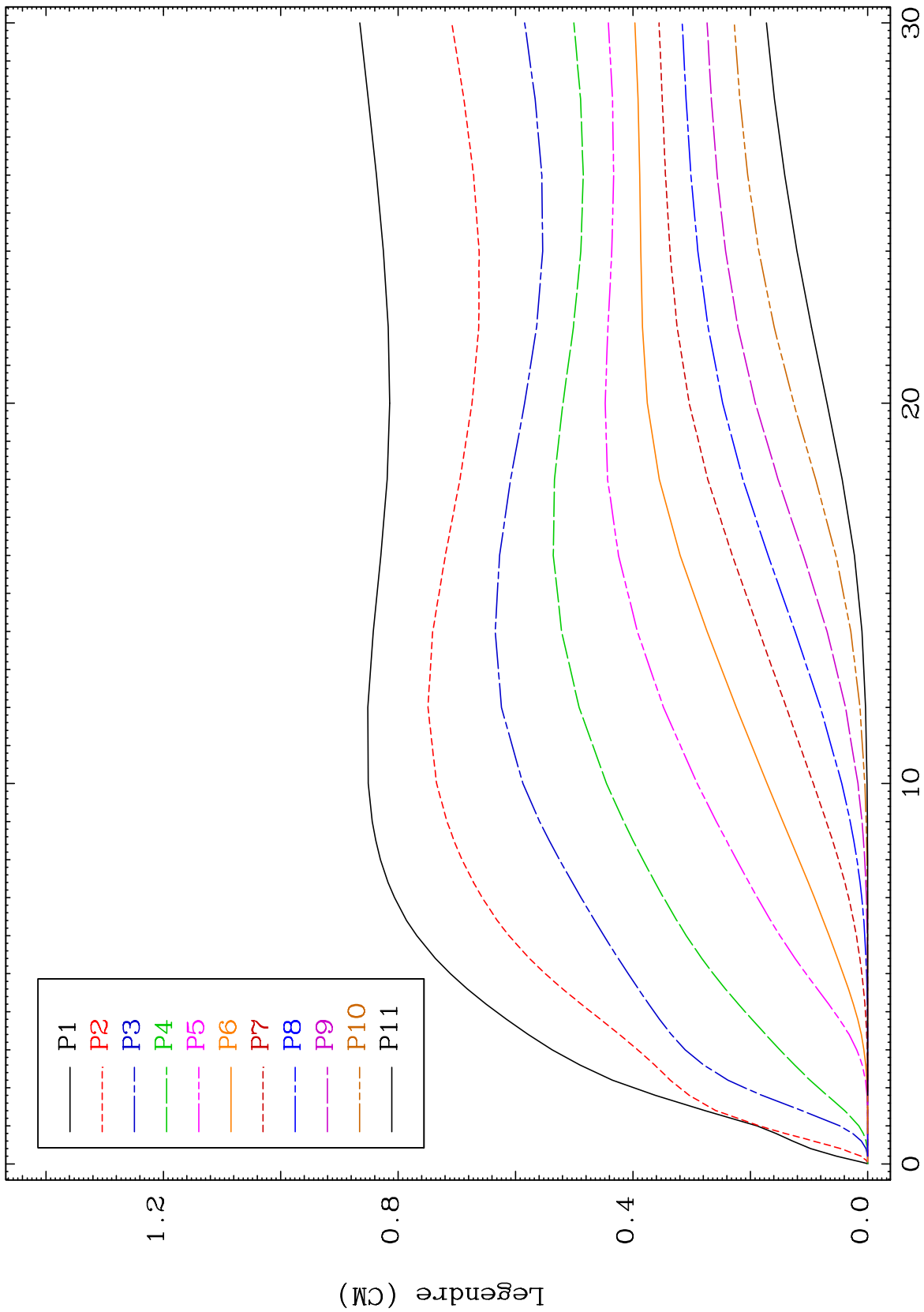




MAT 2834

Elastic Legendre Coefficients

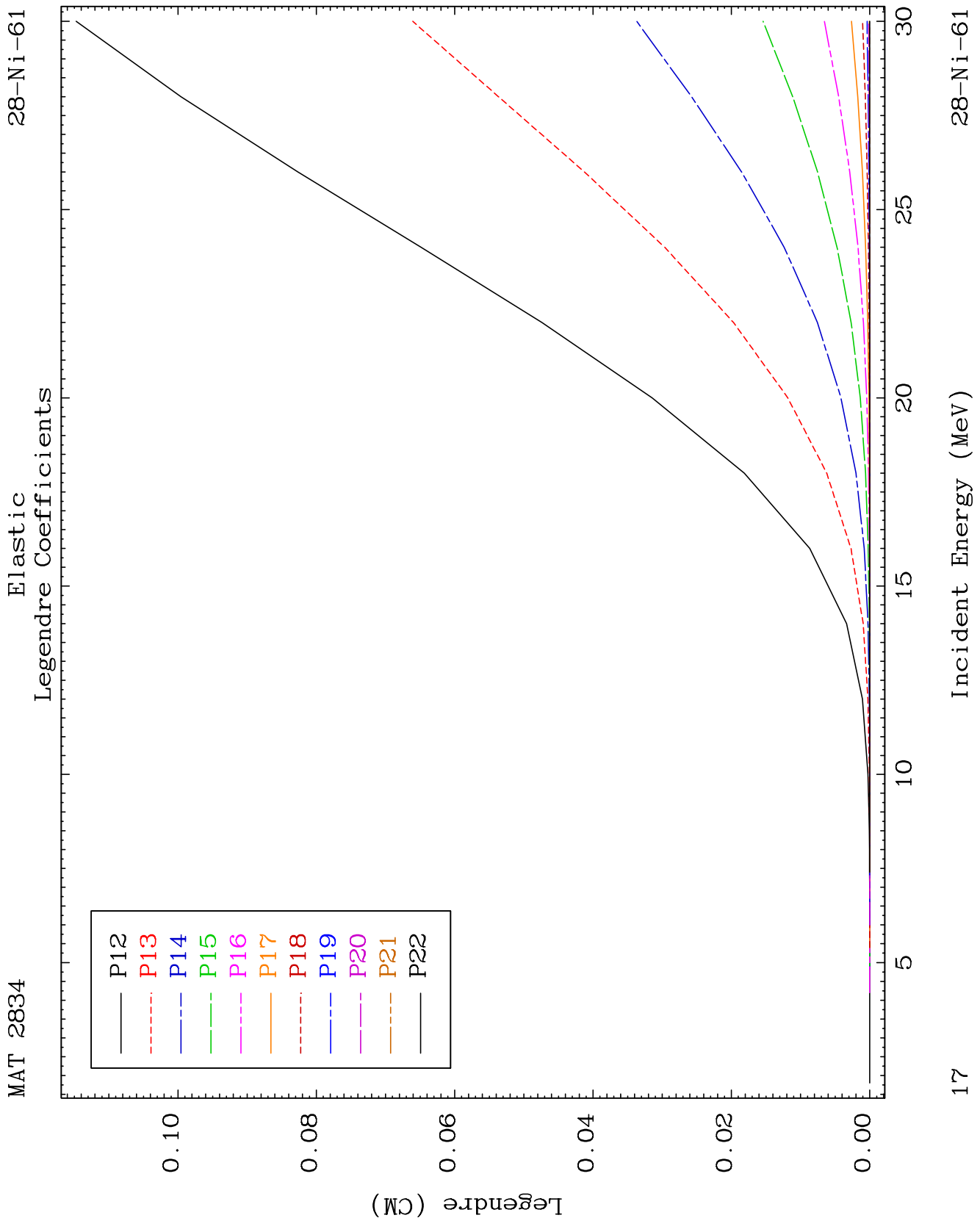
28-Ni-61



16

Incident Energy (MeV)

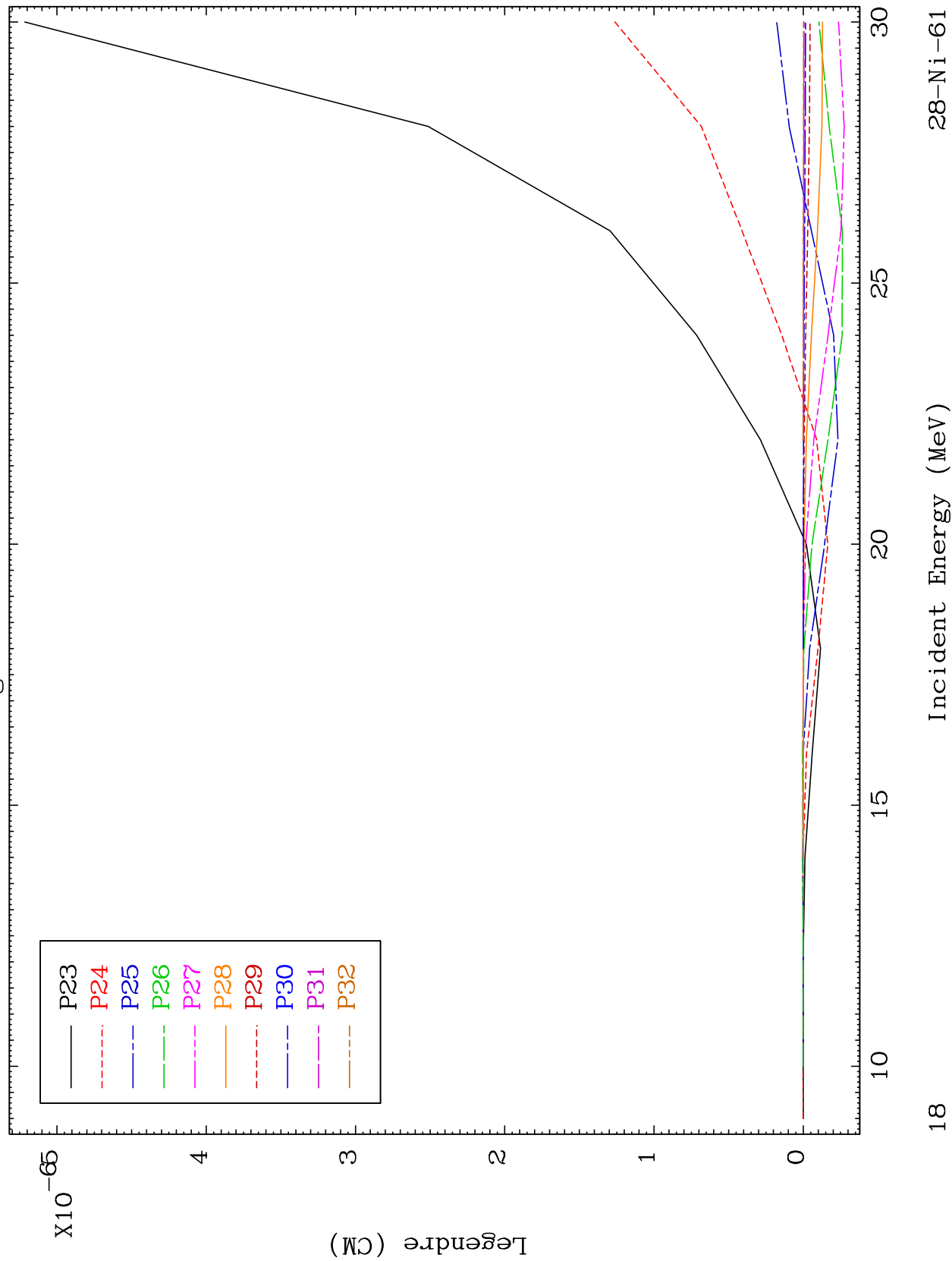
28-Ni-61



MAT 2834

Elastic Legendre Coefficients

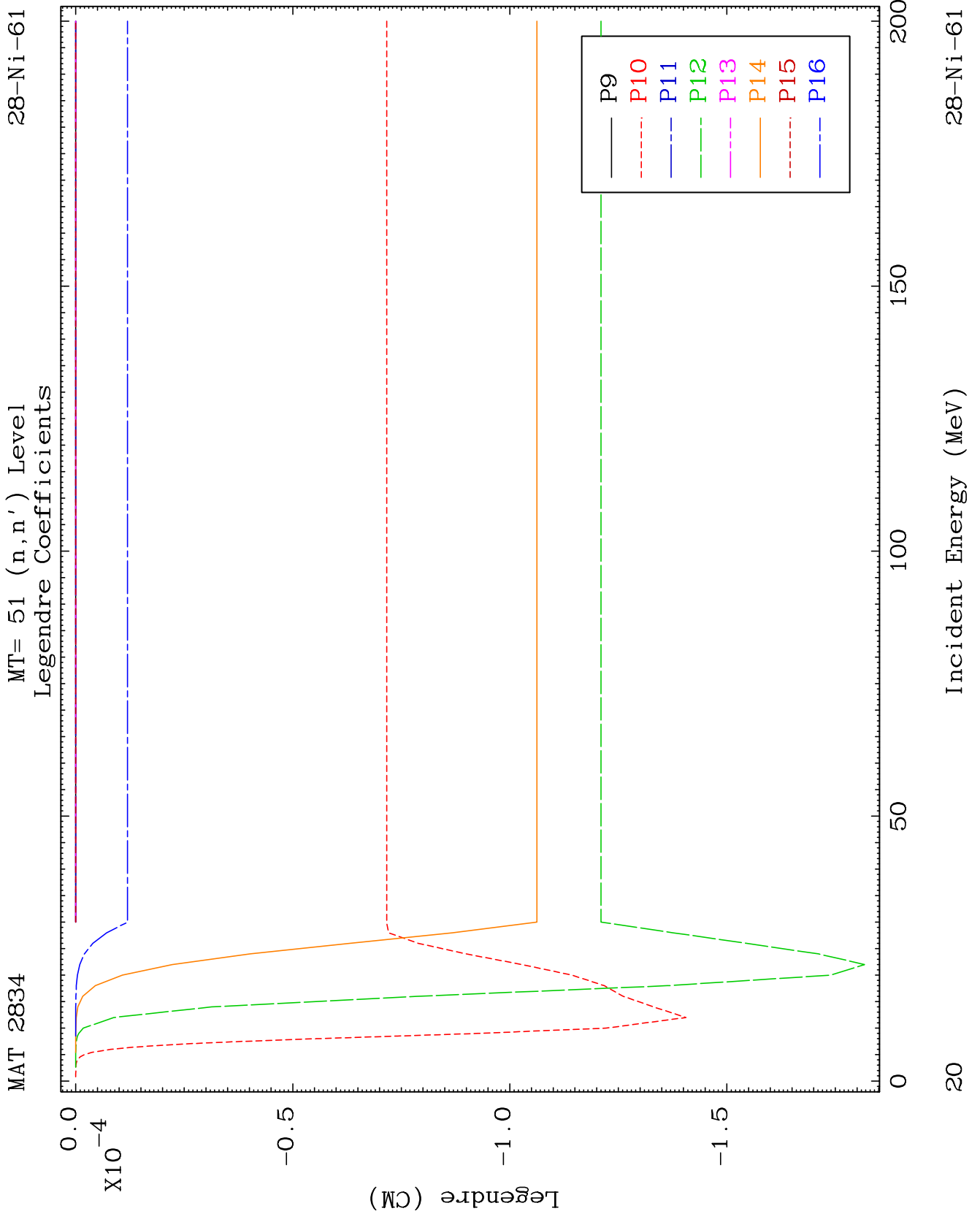
28-Ni-61

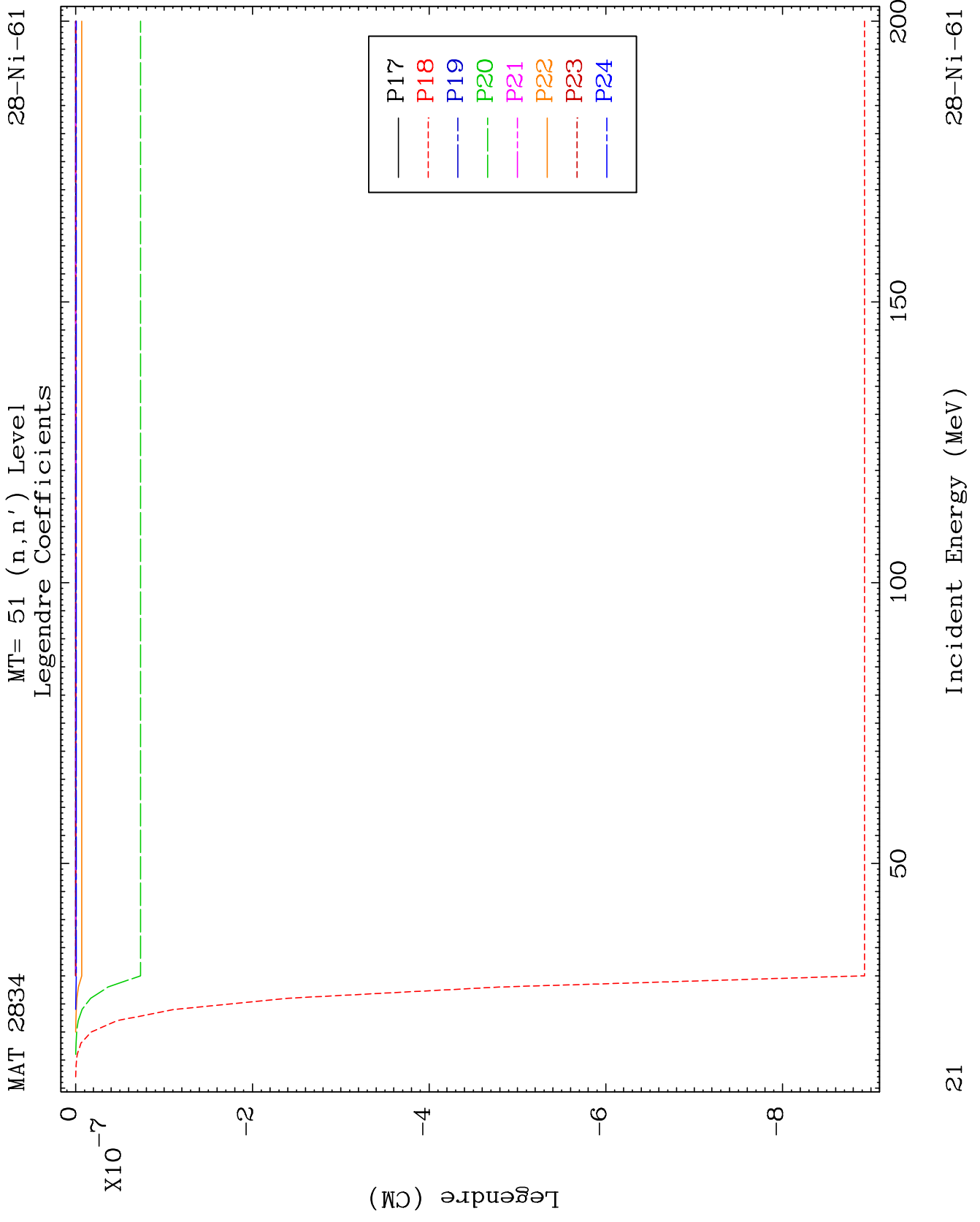


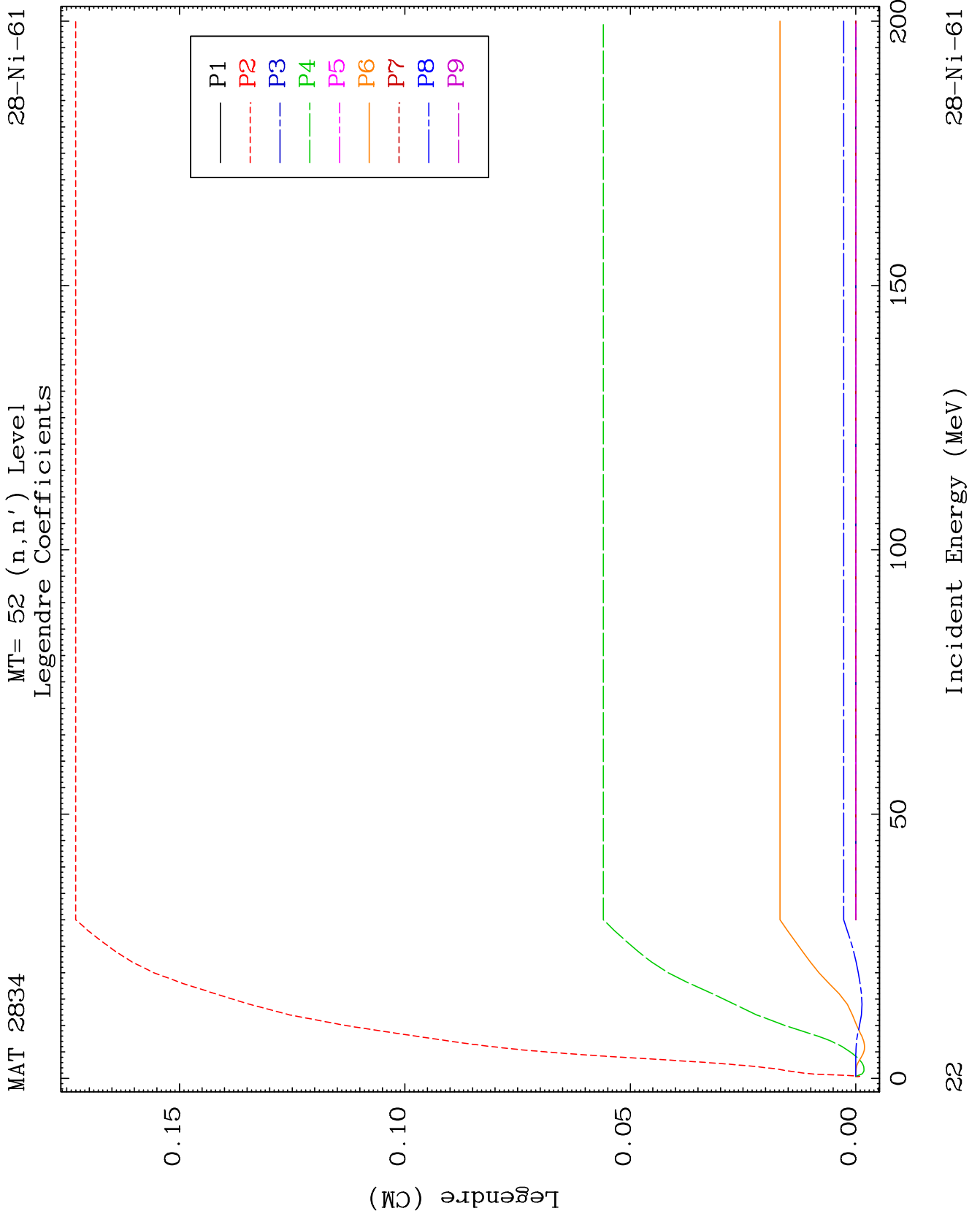
18

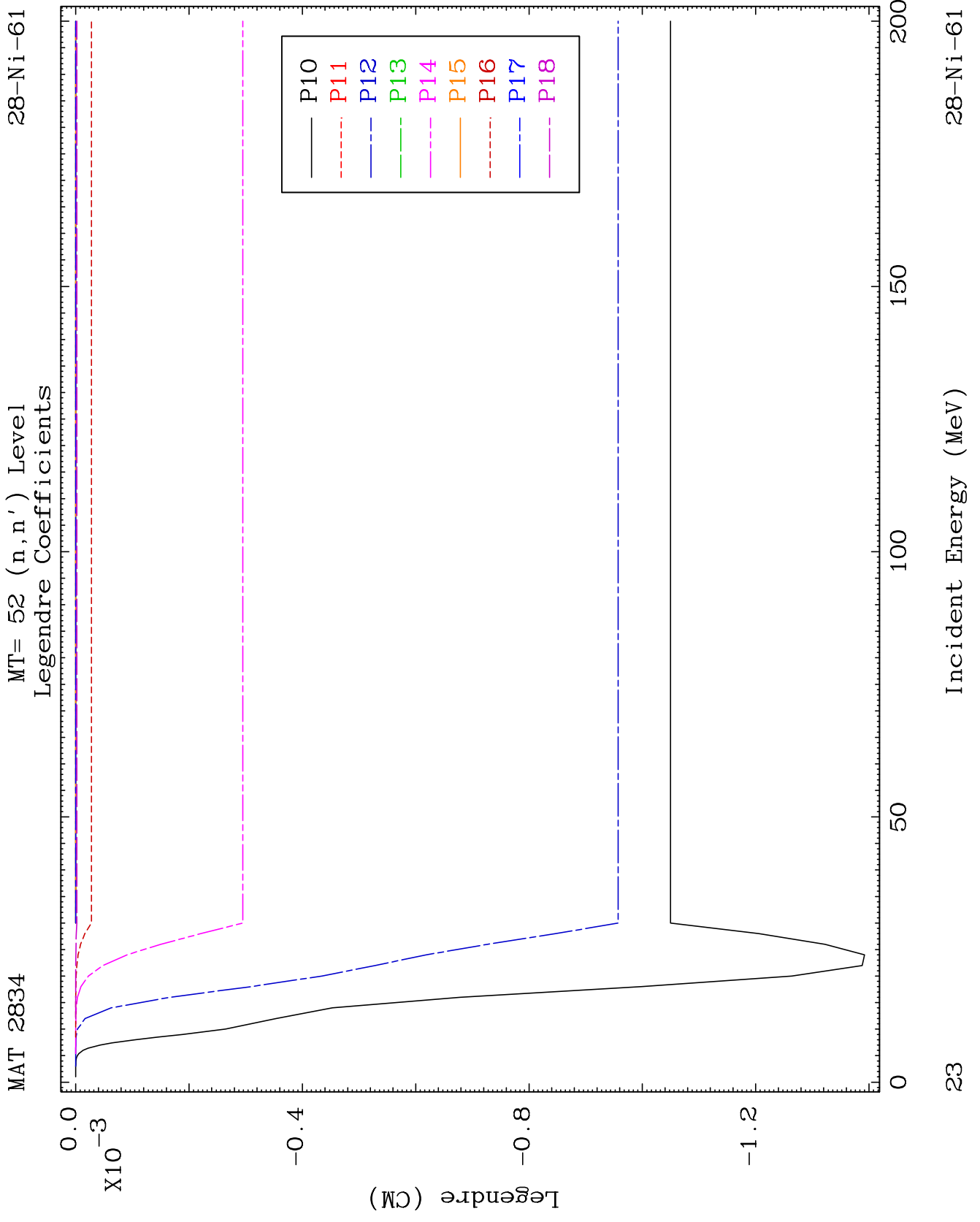
Incident Energy (MeV)

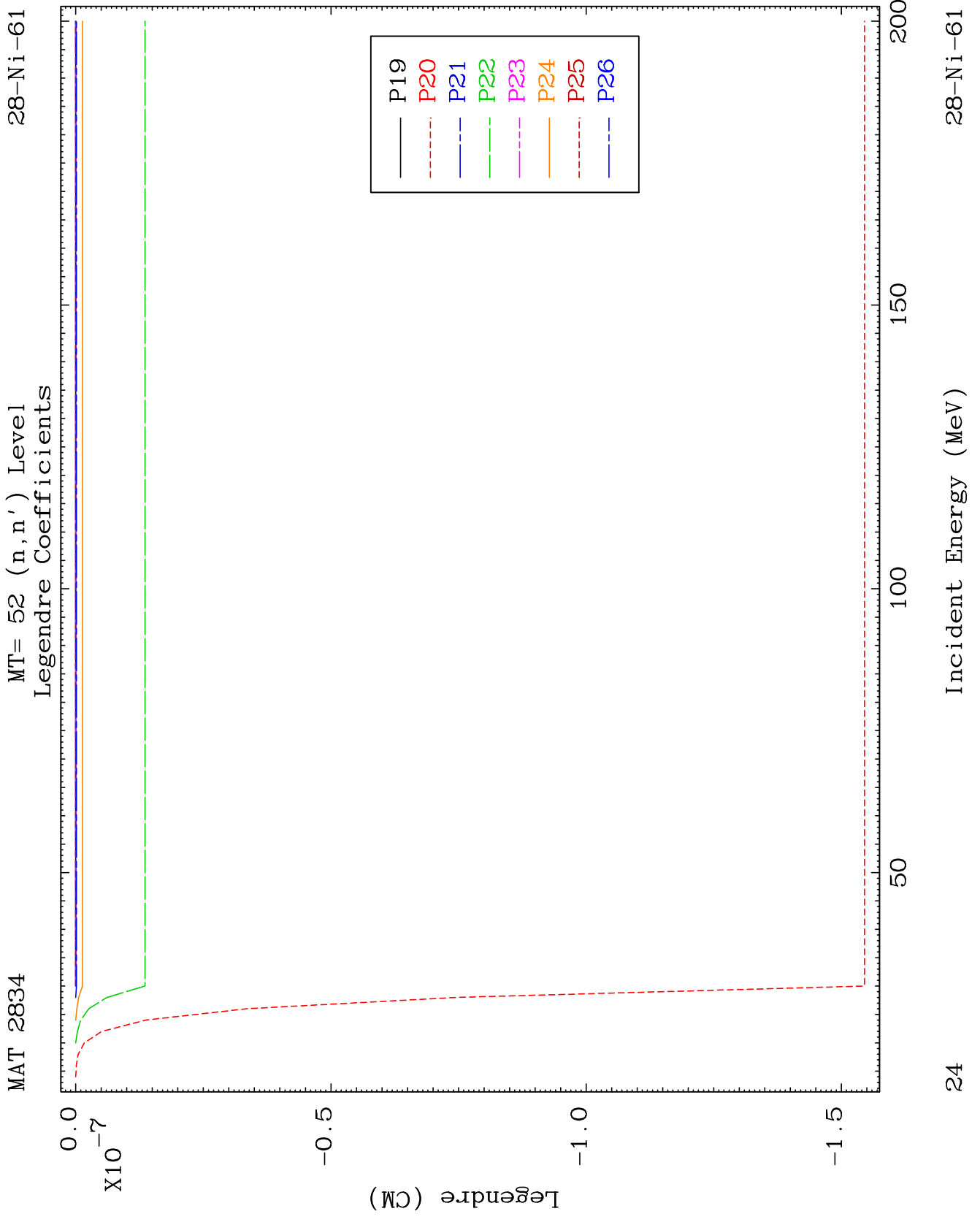
28-Ni-61

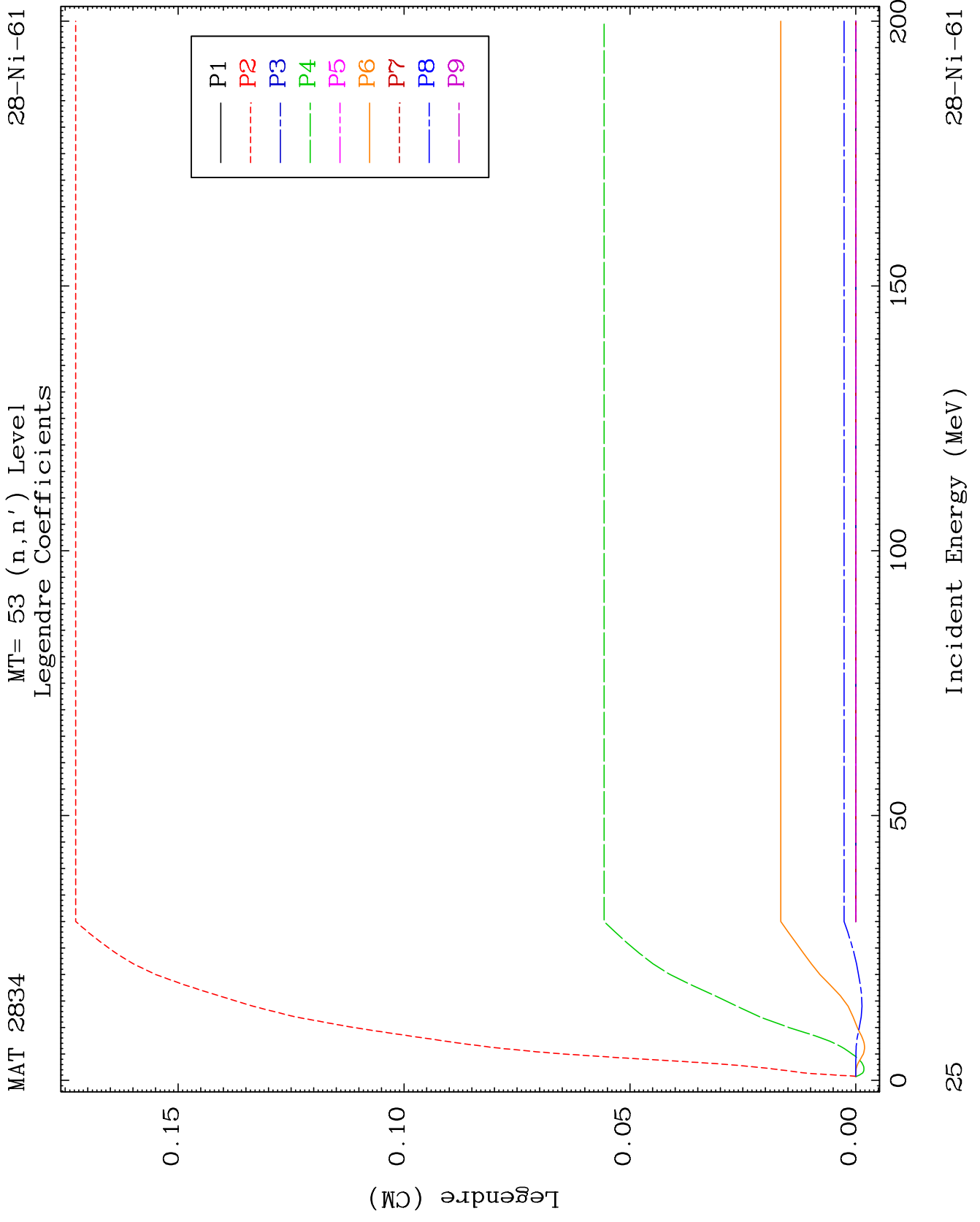


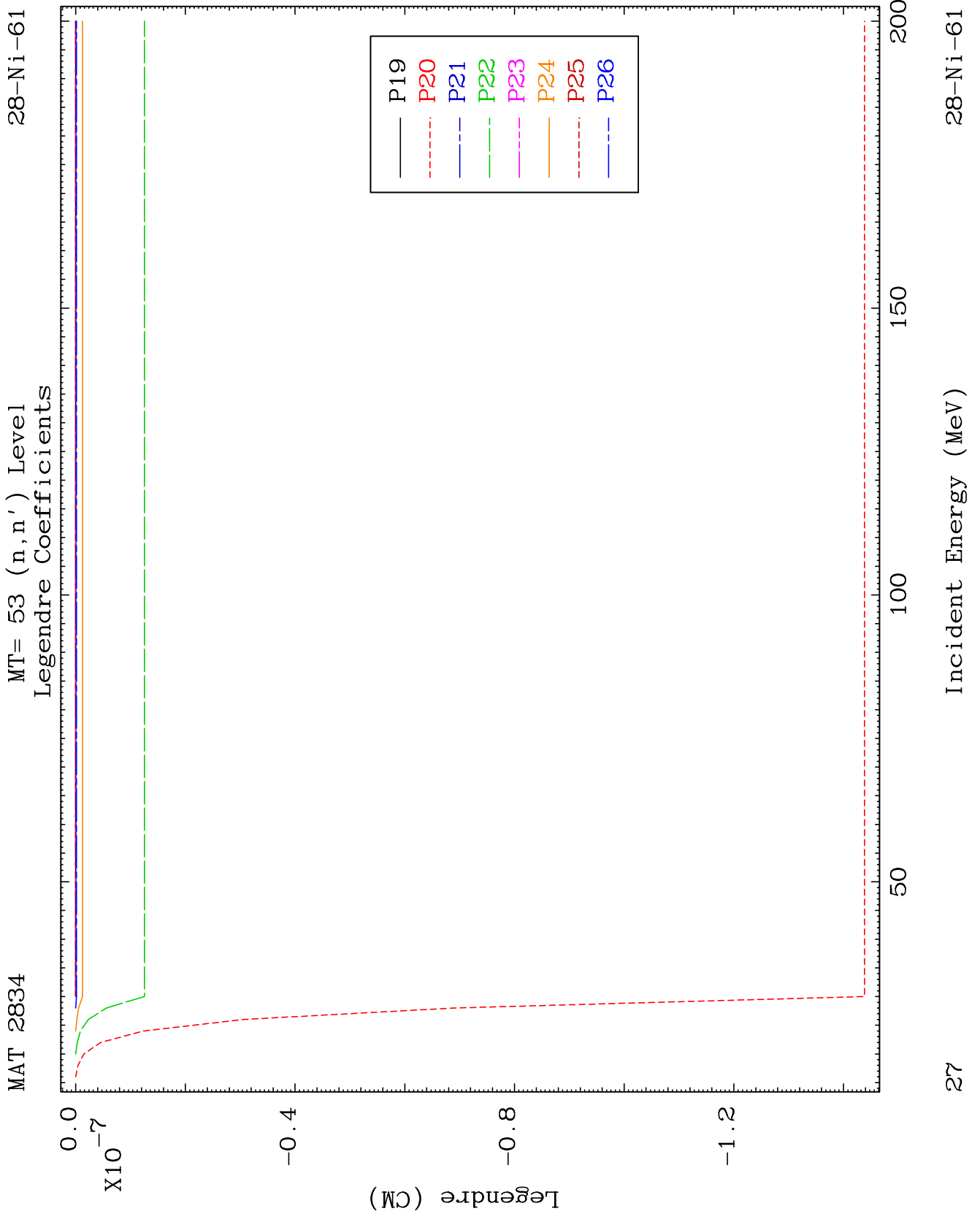


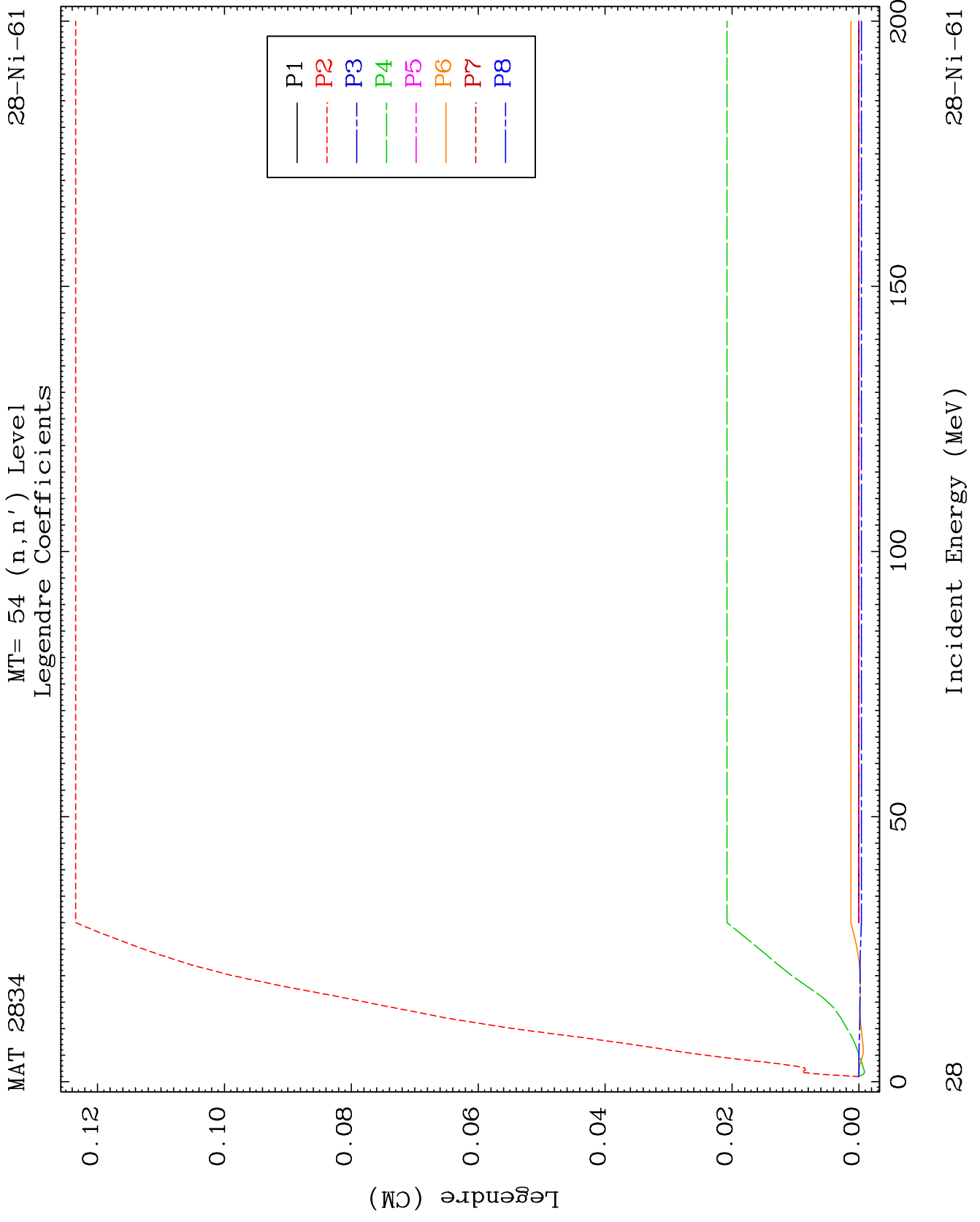








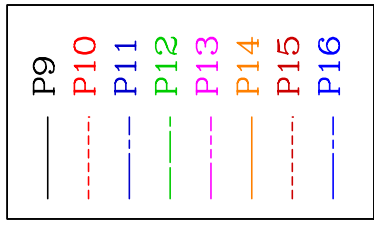




MAT 2834

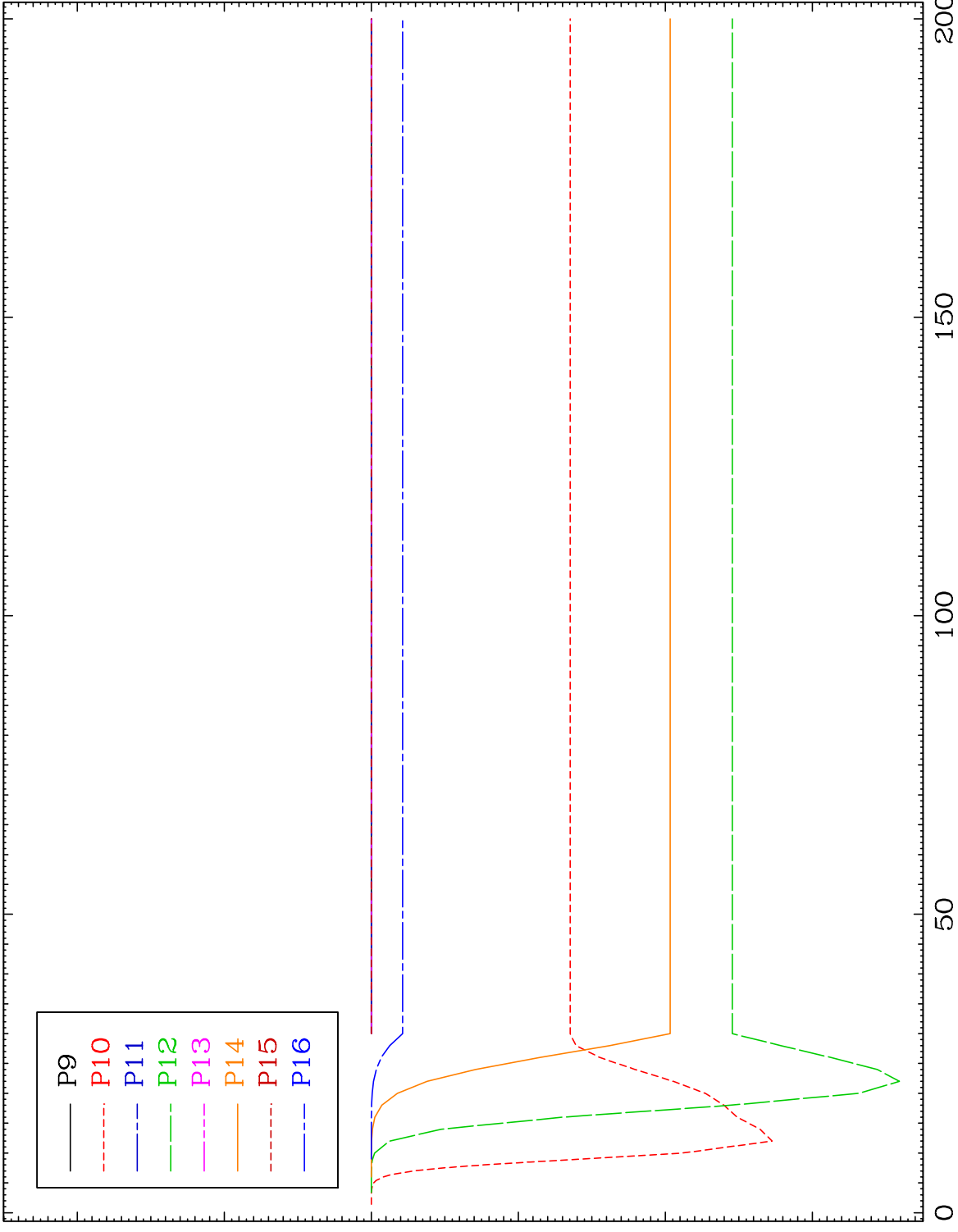
MT= 54 (n,n') Level
Legendre Coefficients

28-Ni-61



$\times 10^{-4}$

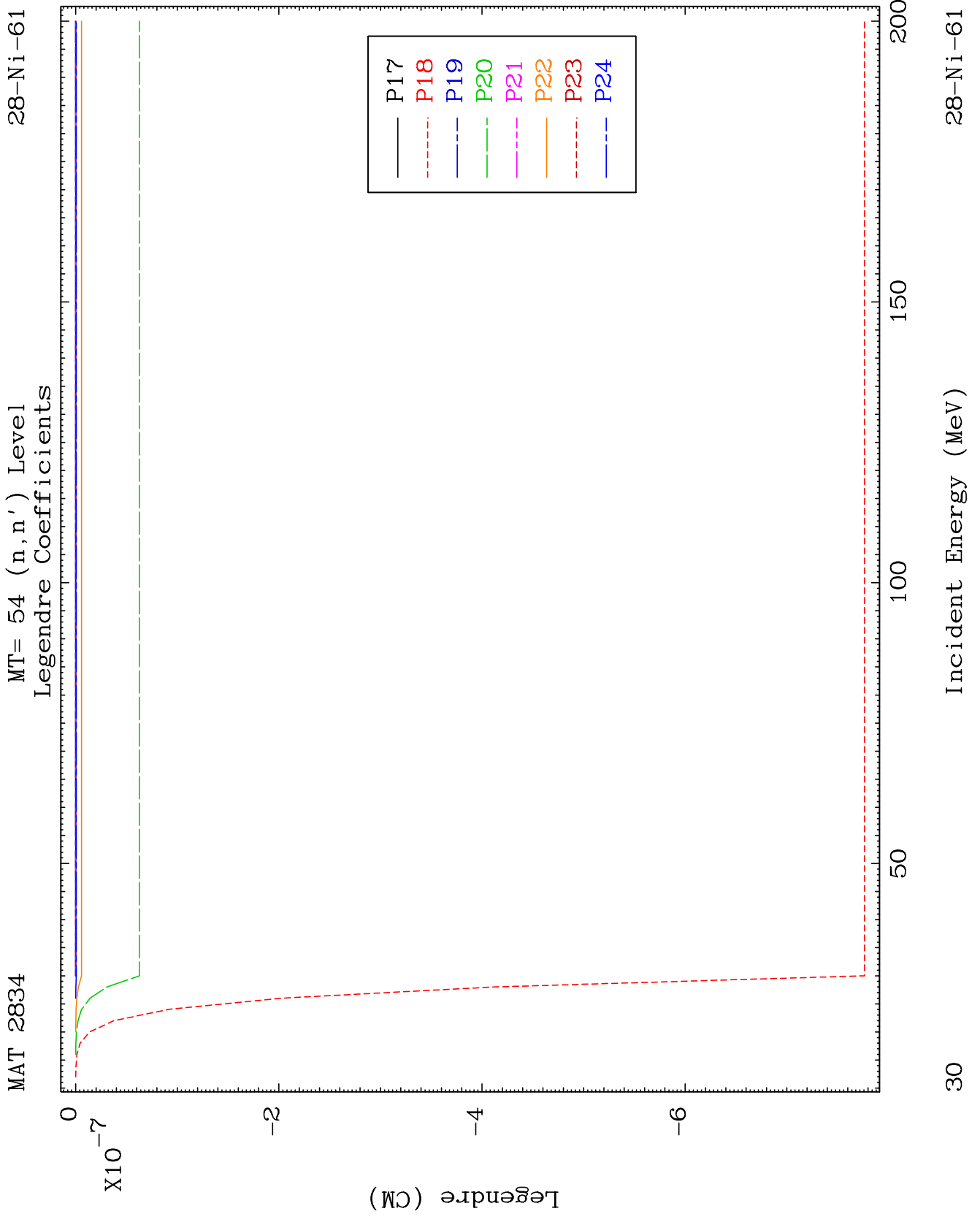
Legendre (CM)



29

Incident Energy (MeV)

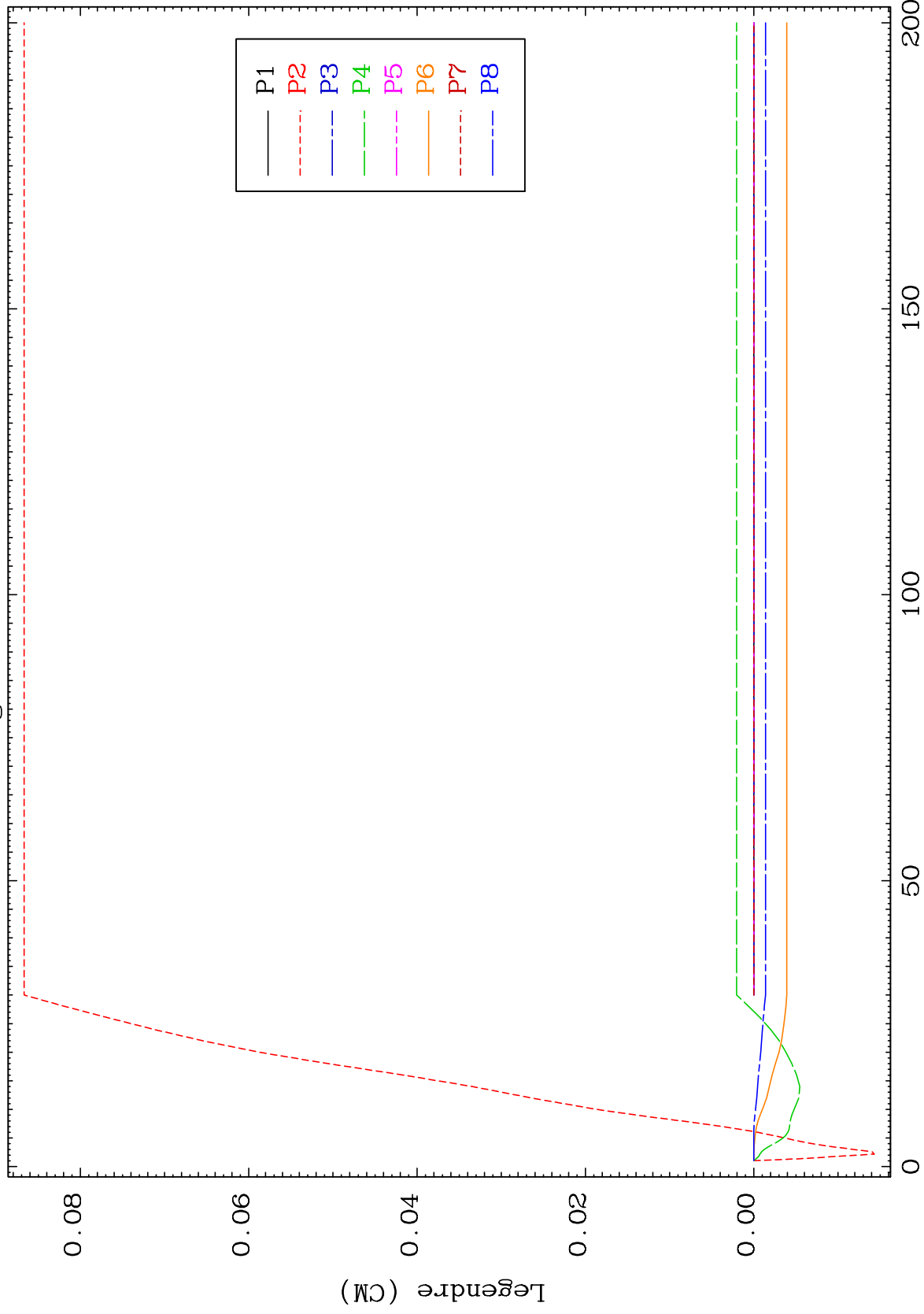
28-Ni-61



MAT 2834

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

28-Ni-61



31

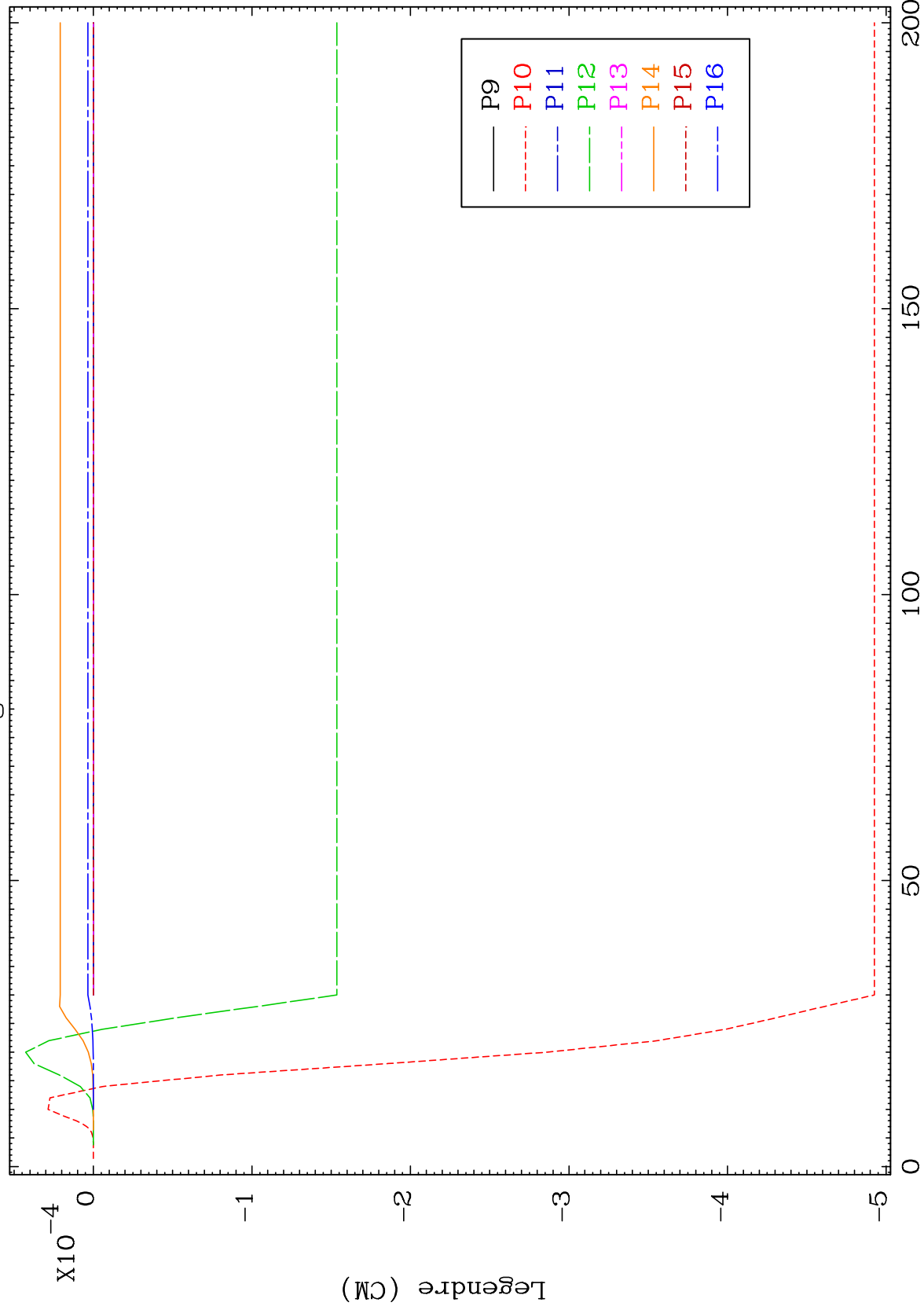
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

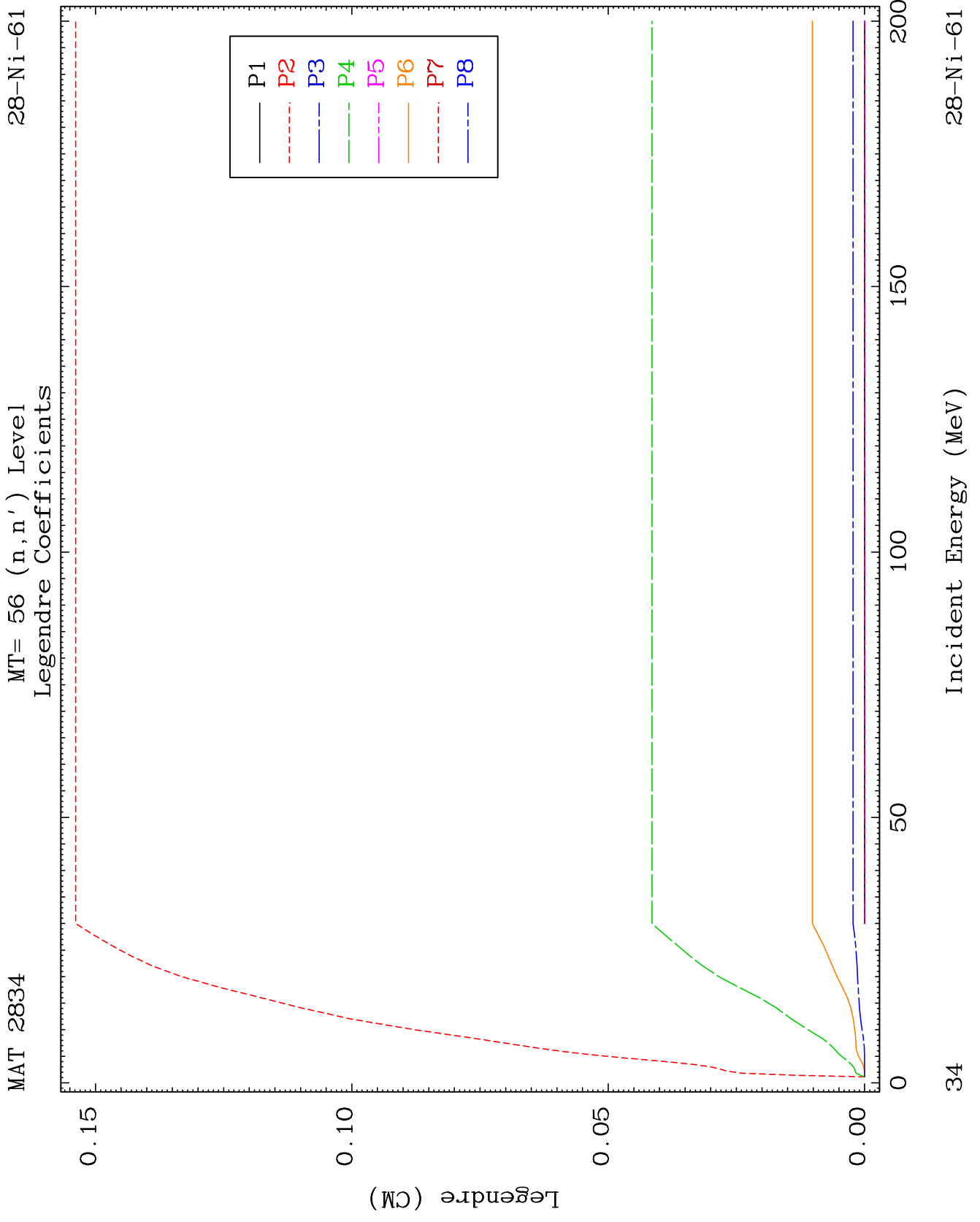
28-Ni-61

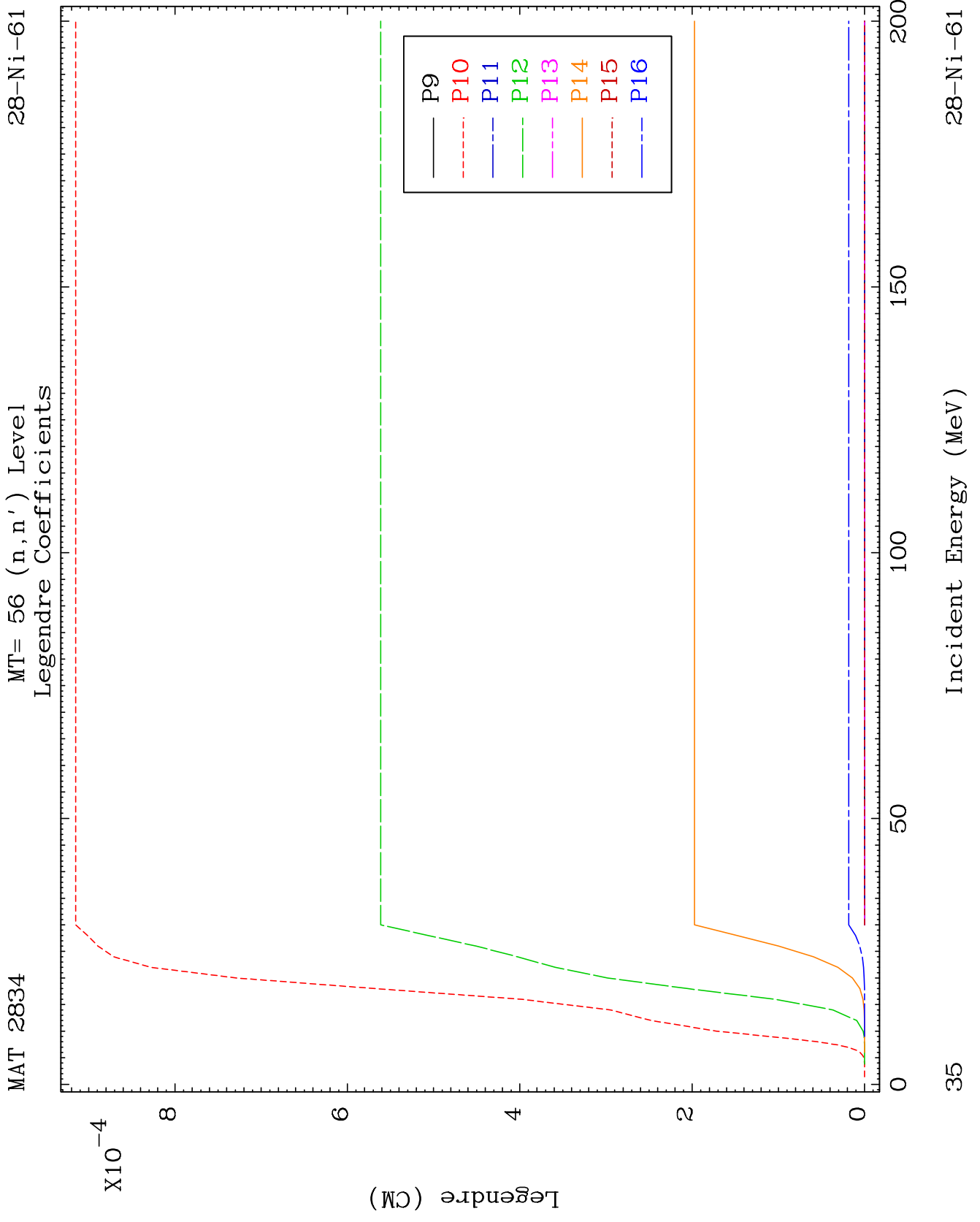


32

Incident Energy (MeV)

28-Ni-61

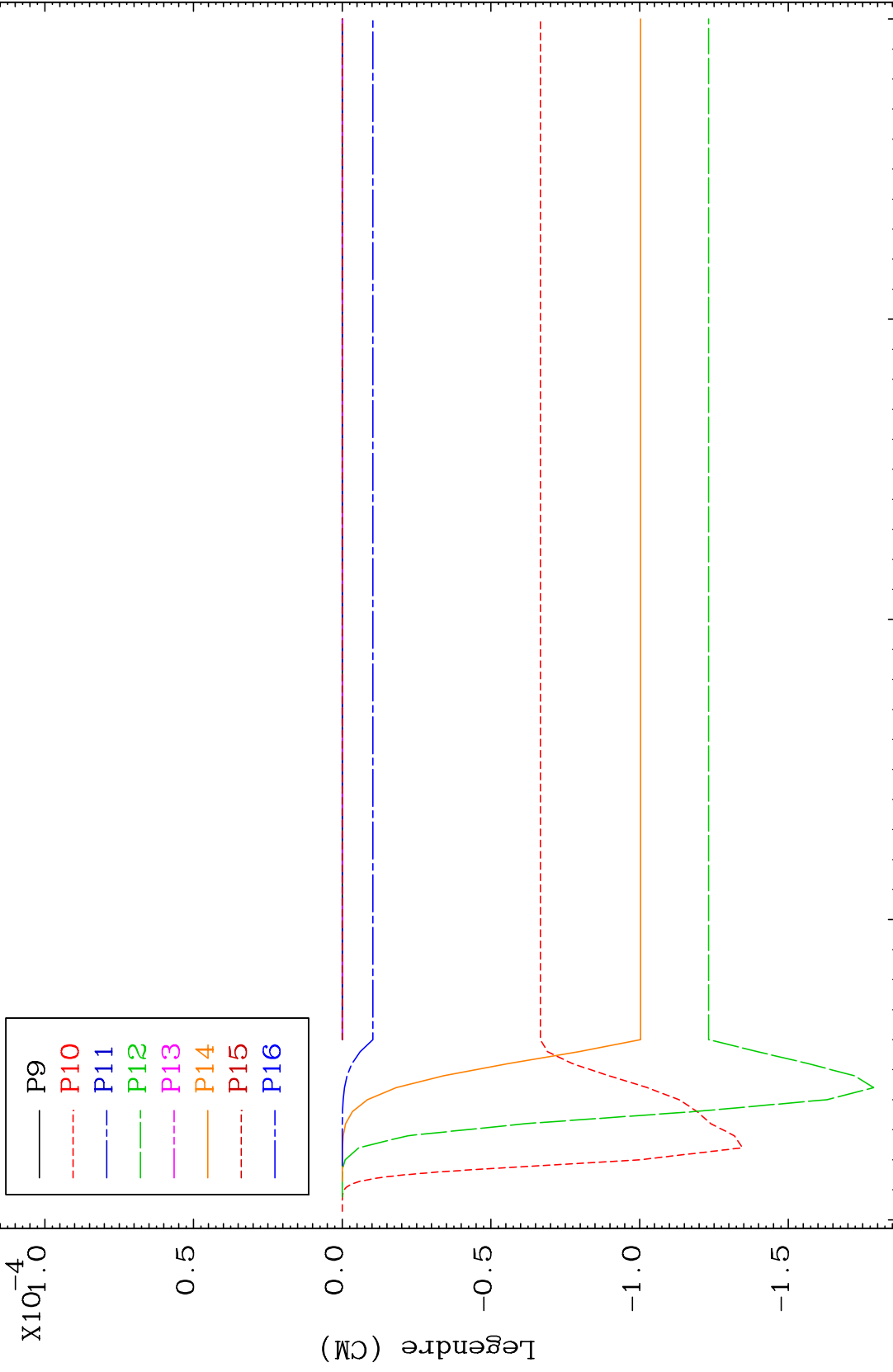
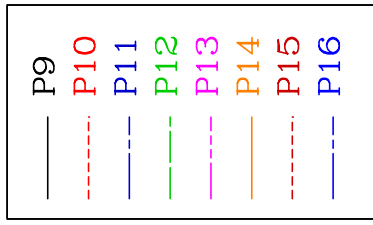




MAT 2834

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

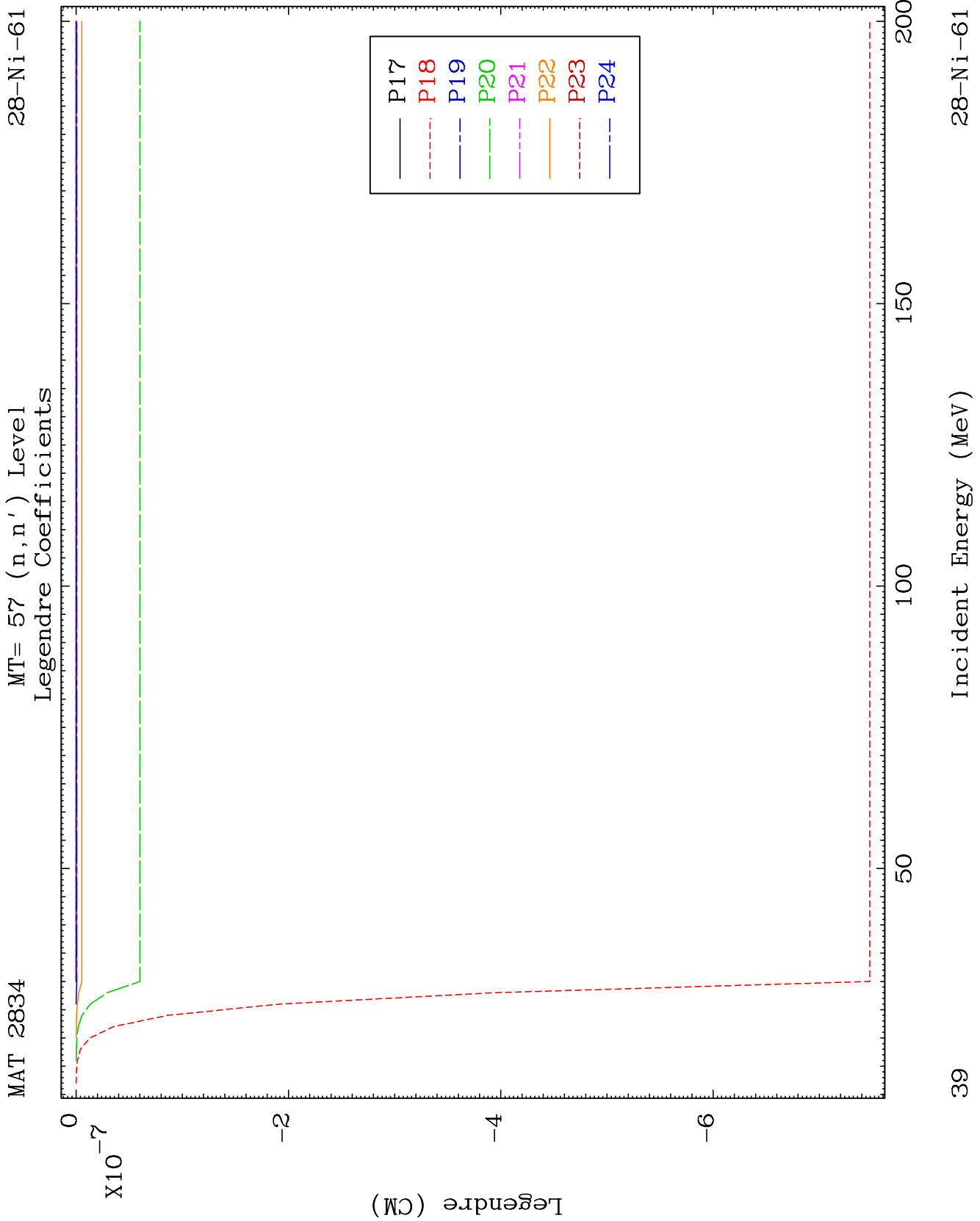
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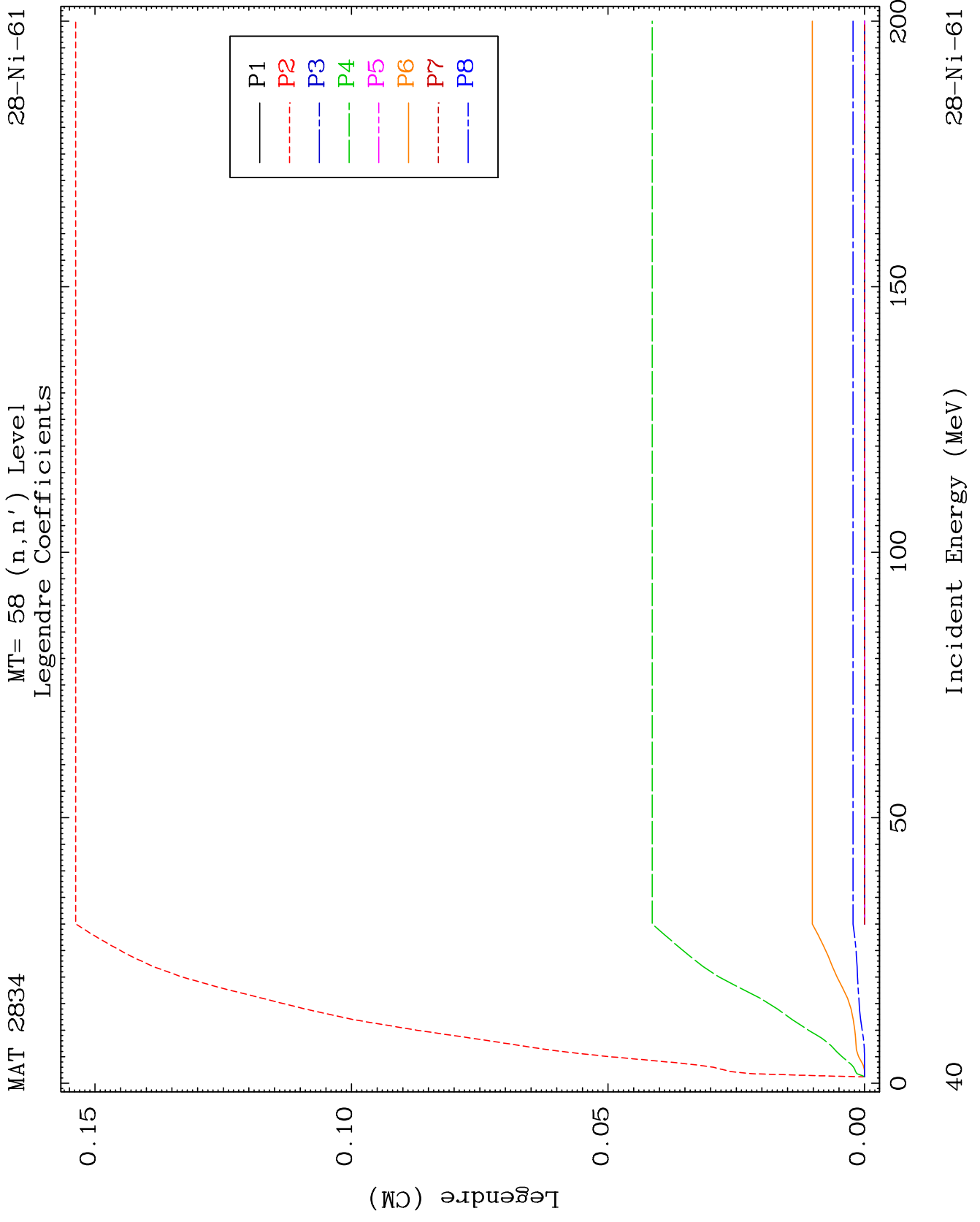


38

Incident Energy (MeV)

28-Ni-61

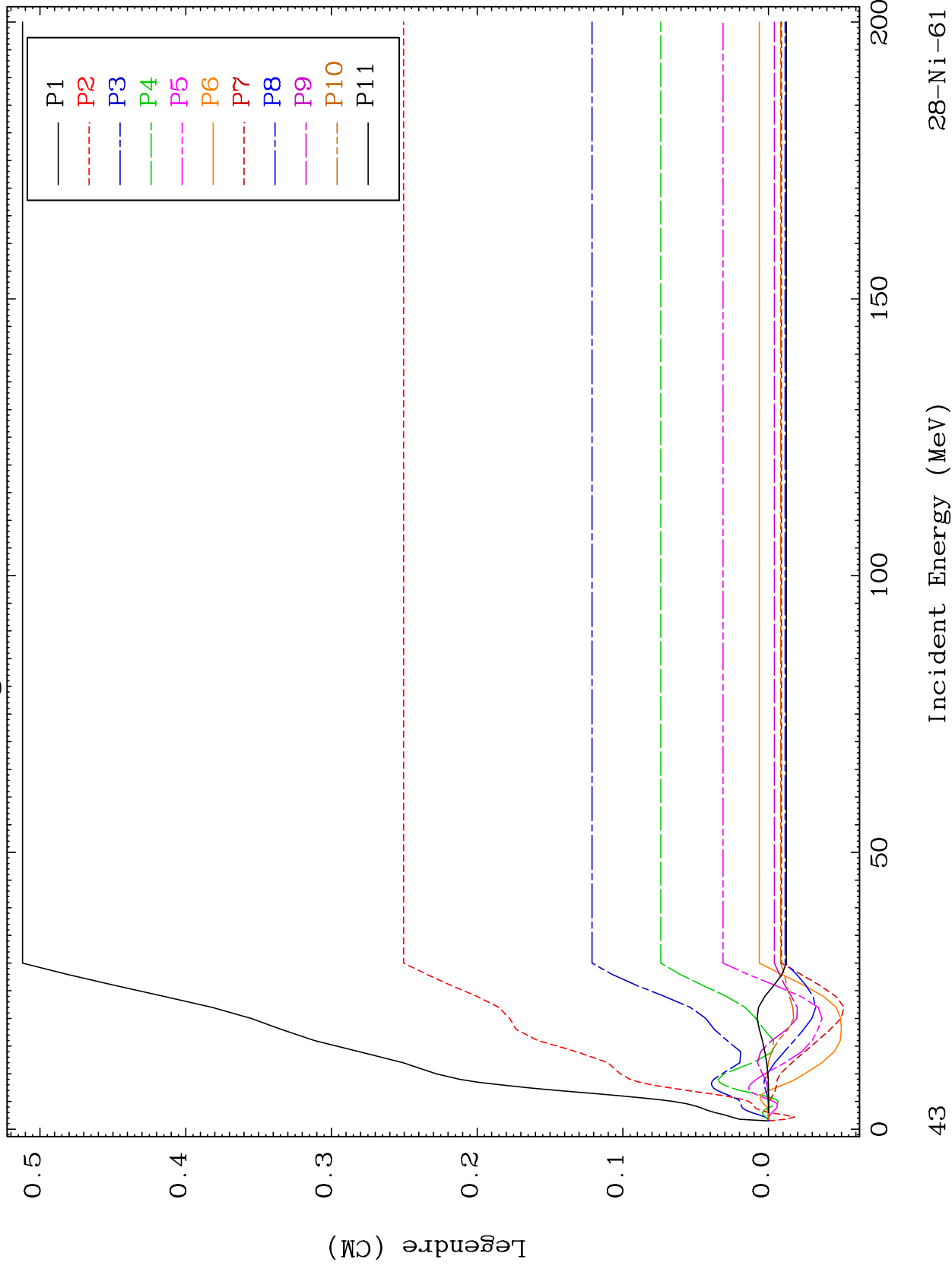




MAT 2834

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

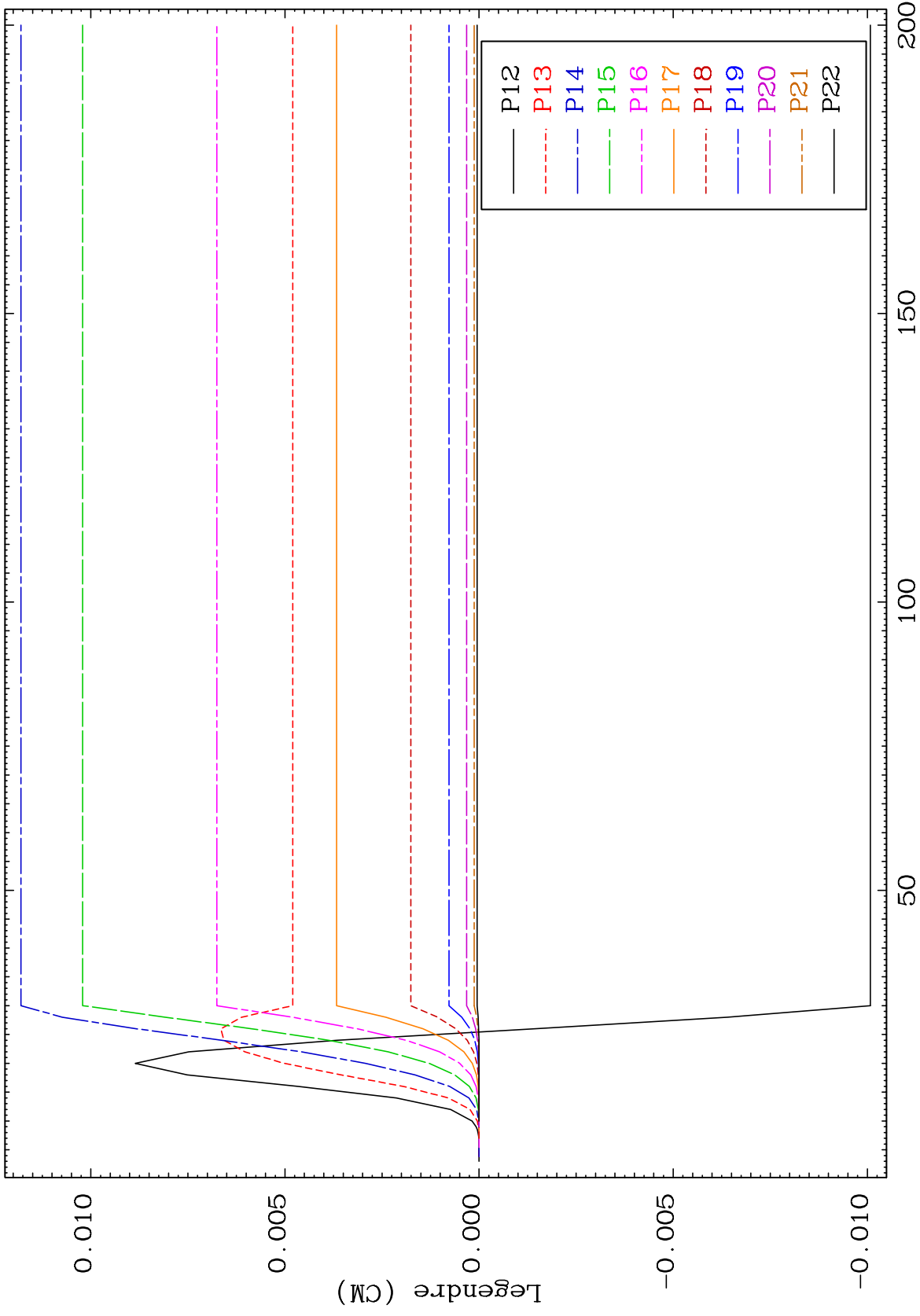
28-Ni-61



MAT 2834

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

28-Ni-61



44

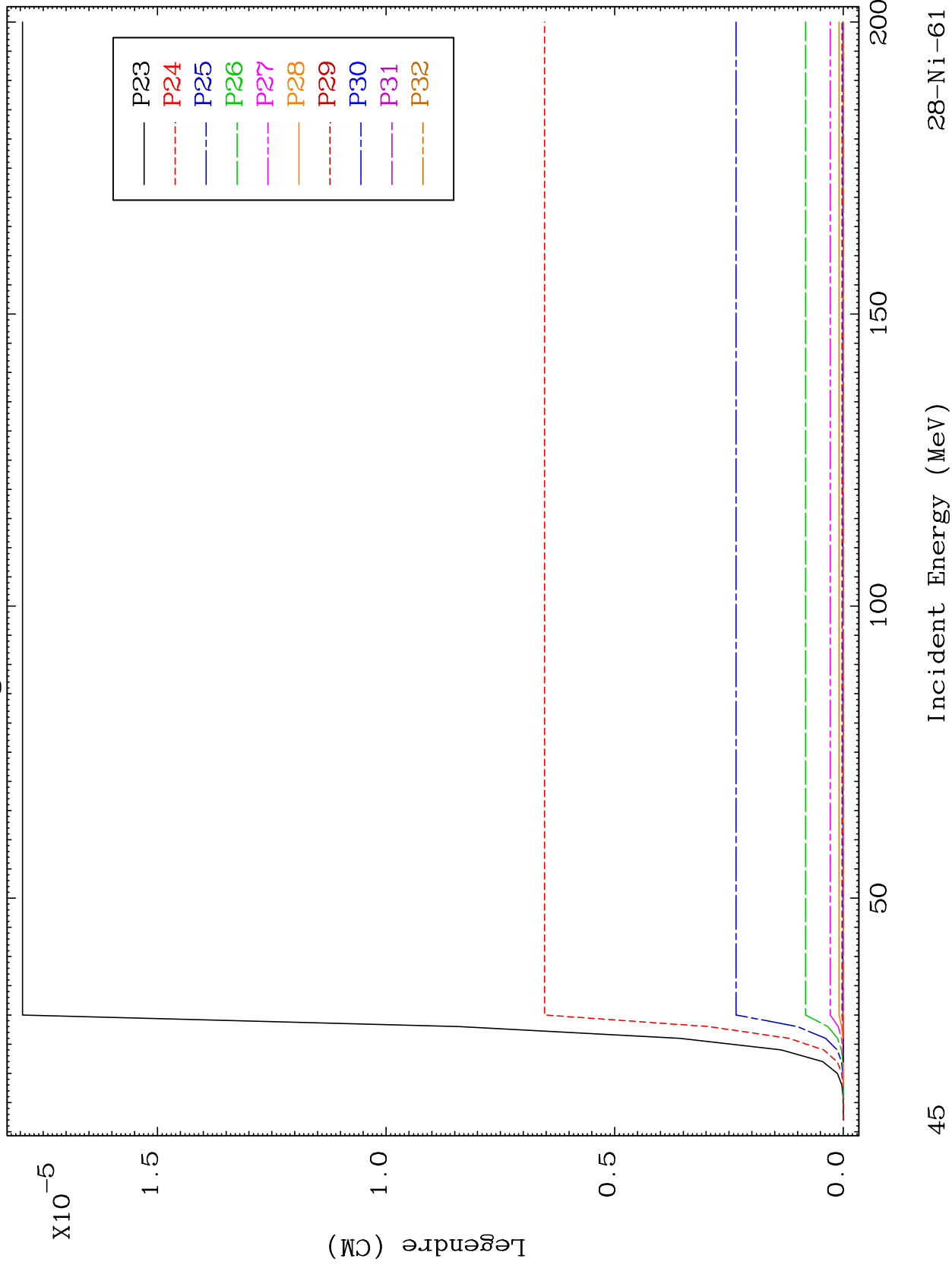
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

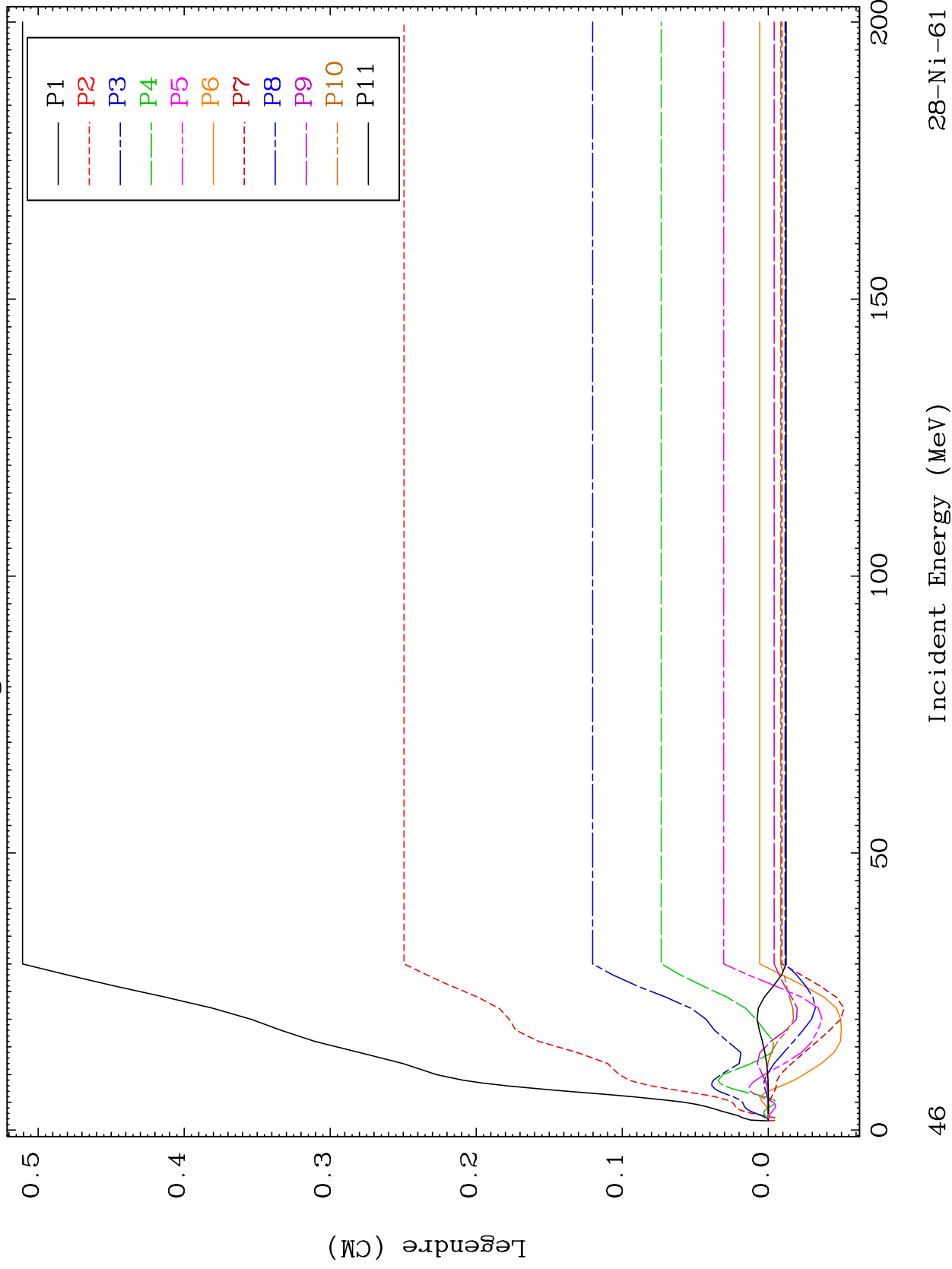
28-Ni-61



MAT 2834

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

28-Ni-61



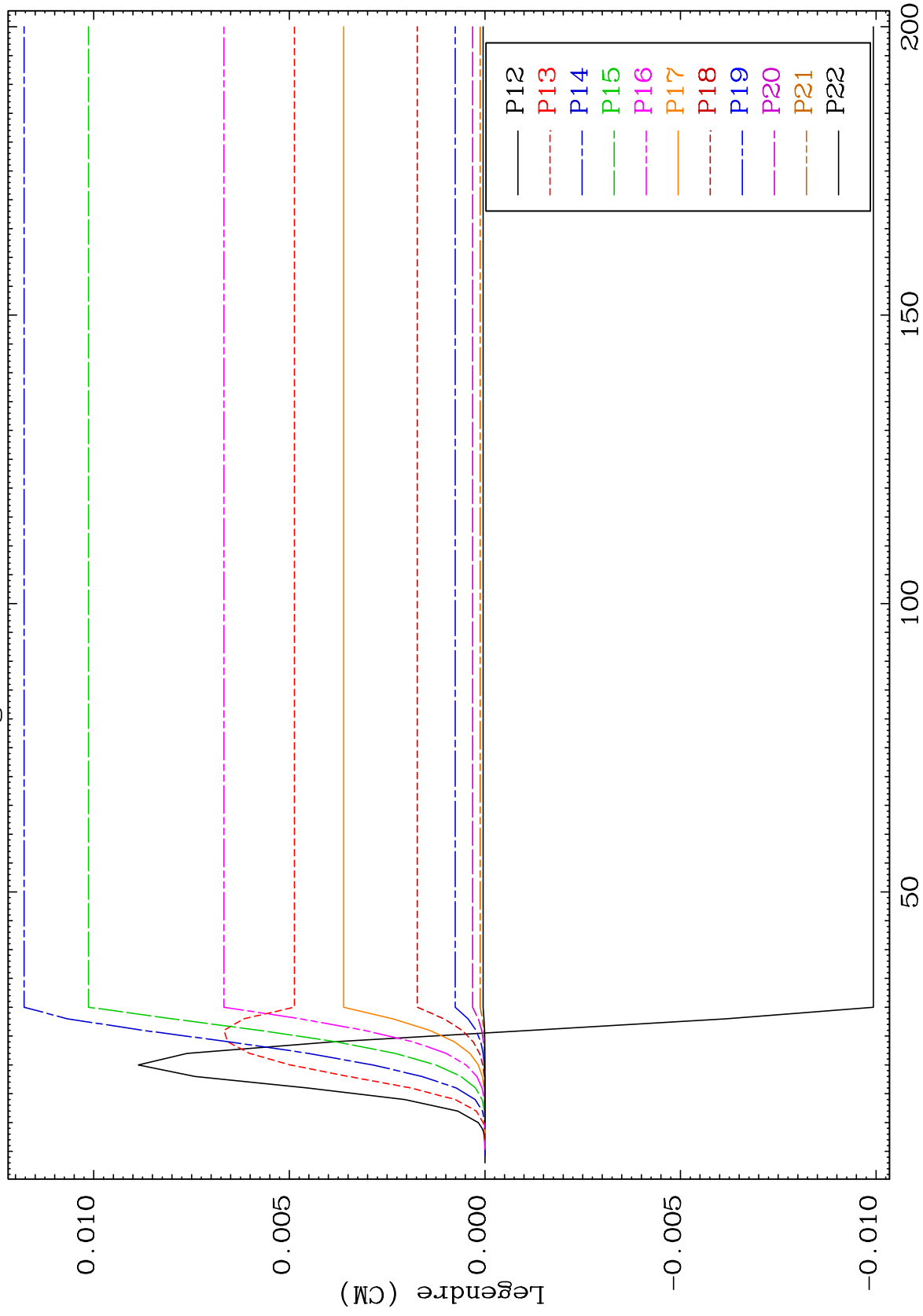
46

28-Ni-61

MAT 2834

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

28-Ni-61



47

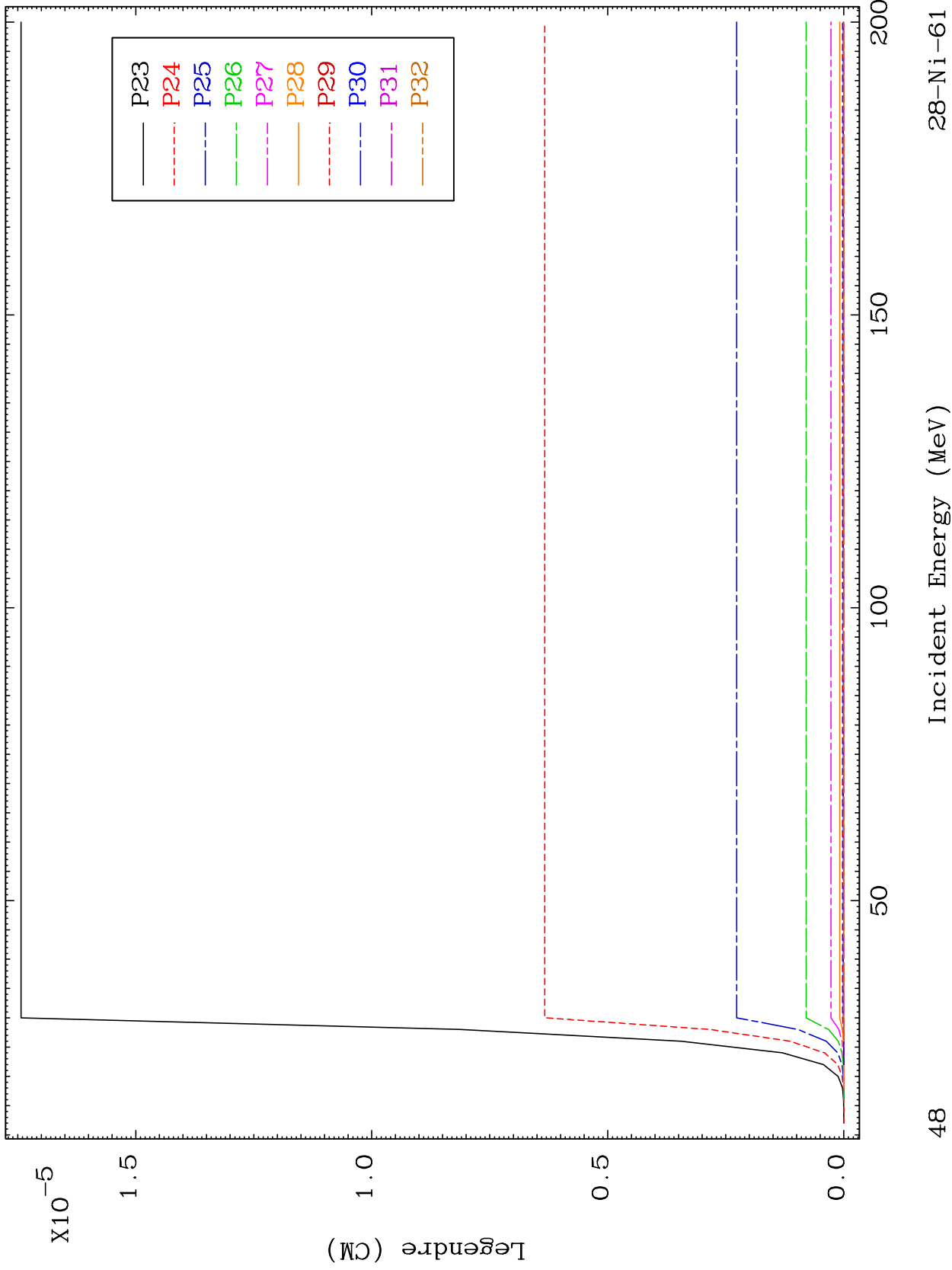
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



48

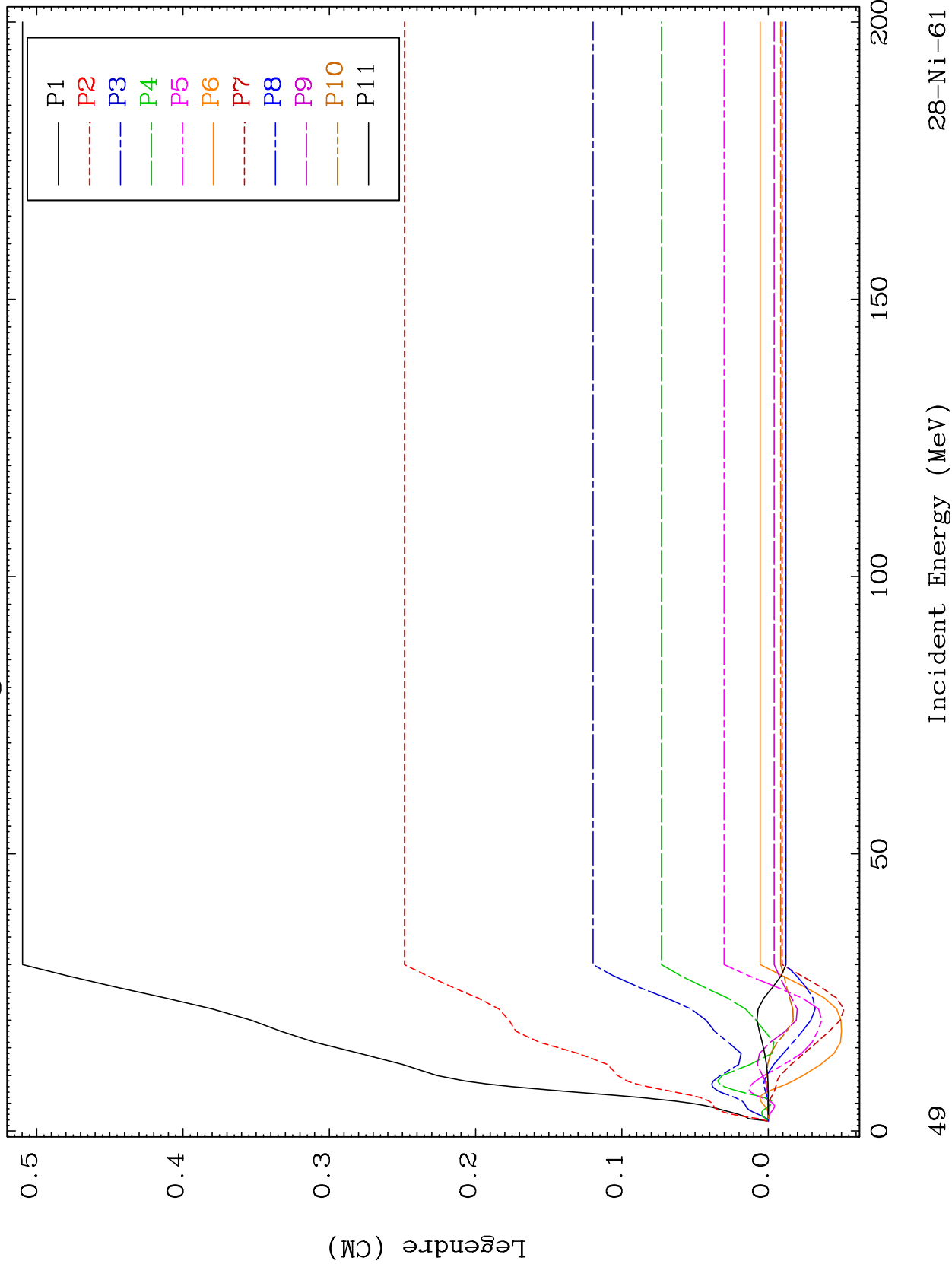
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



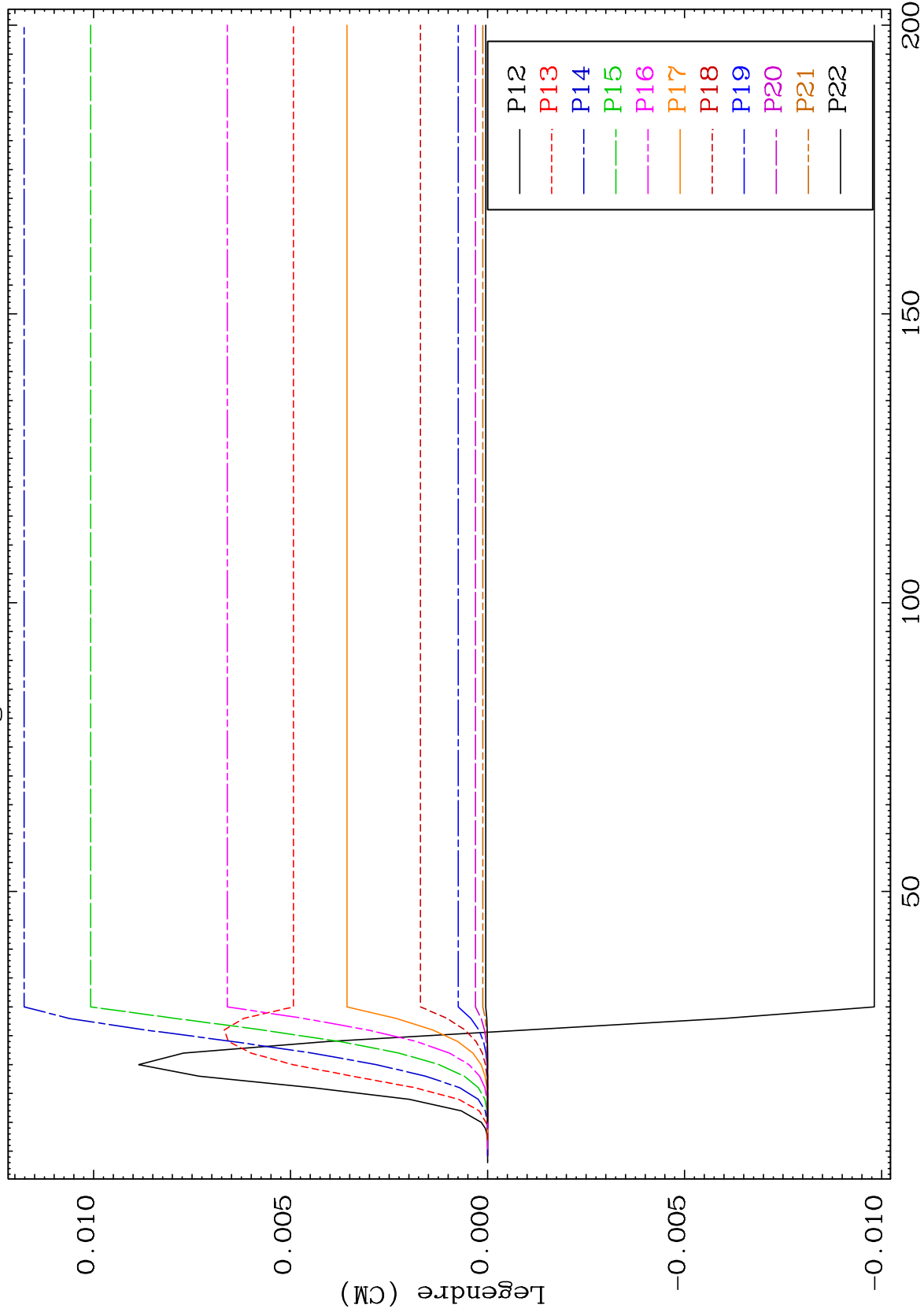
49

28-Ni-61

MAT 2834

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

28-Ni-61



50

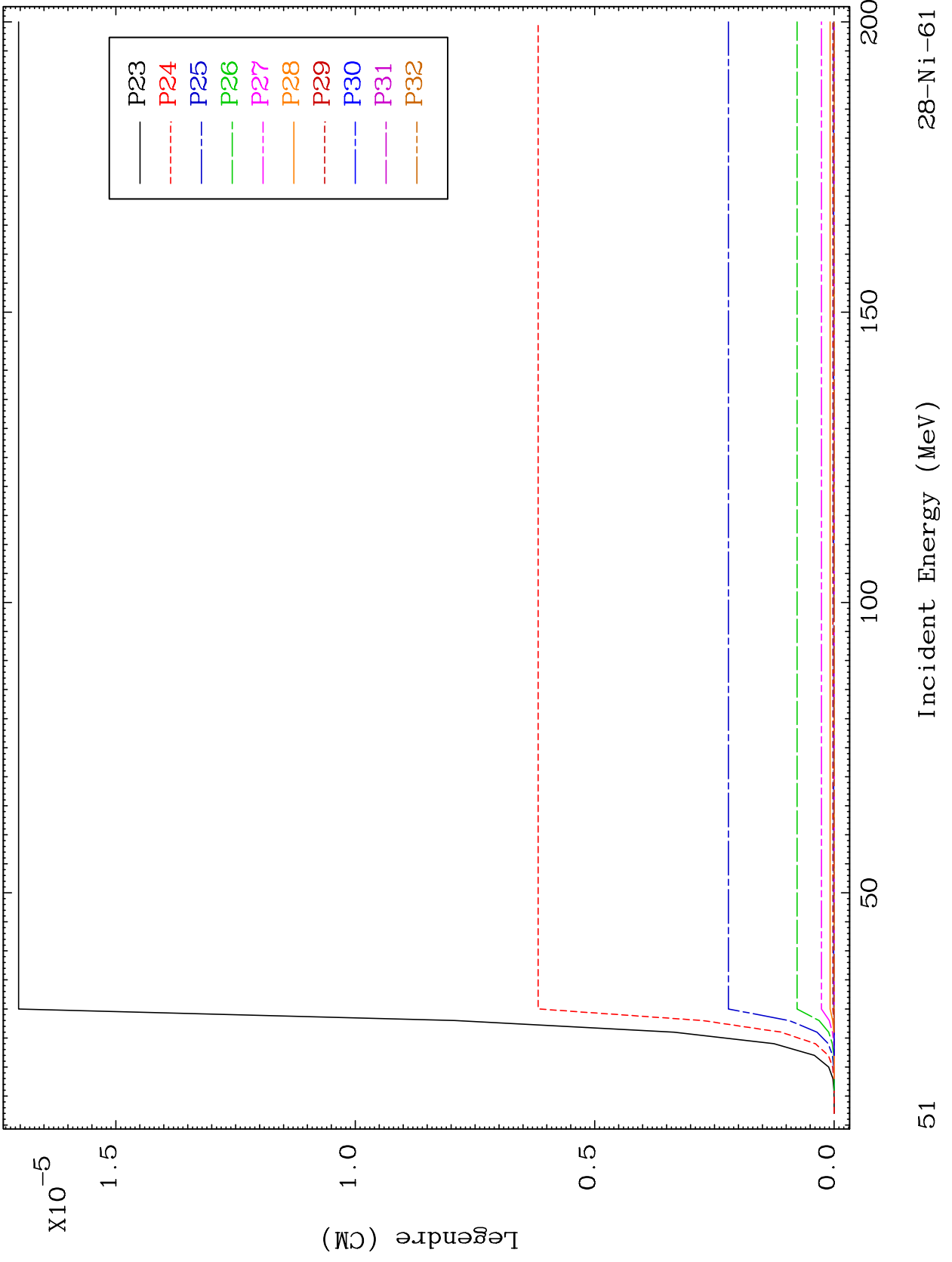
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



51

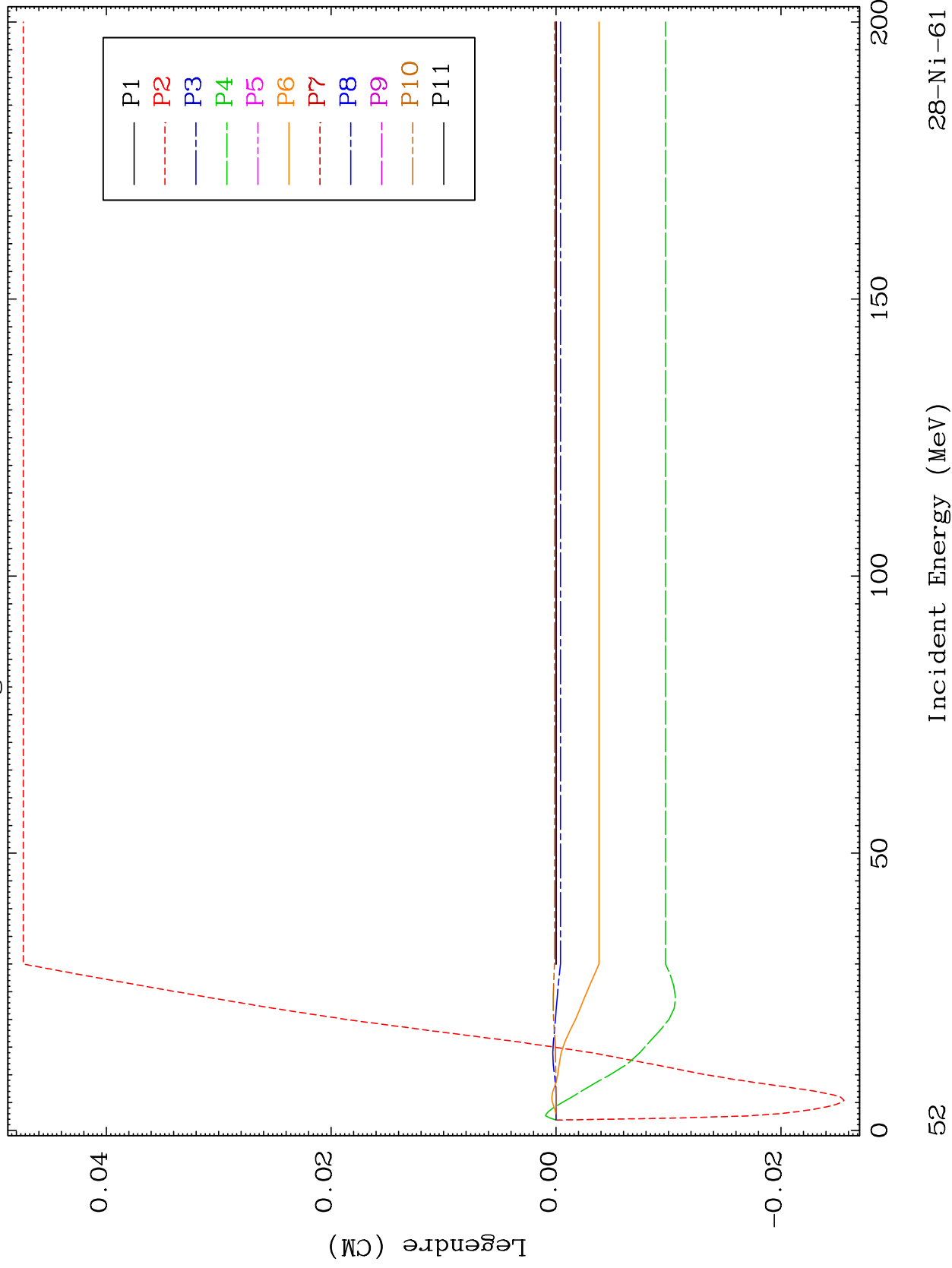
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

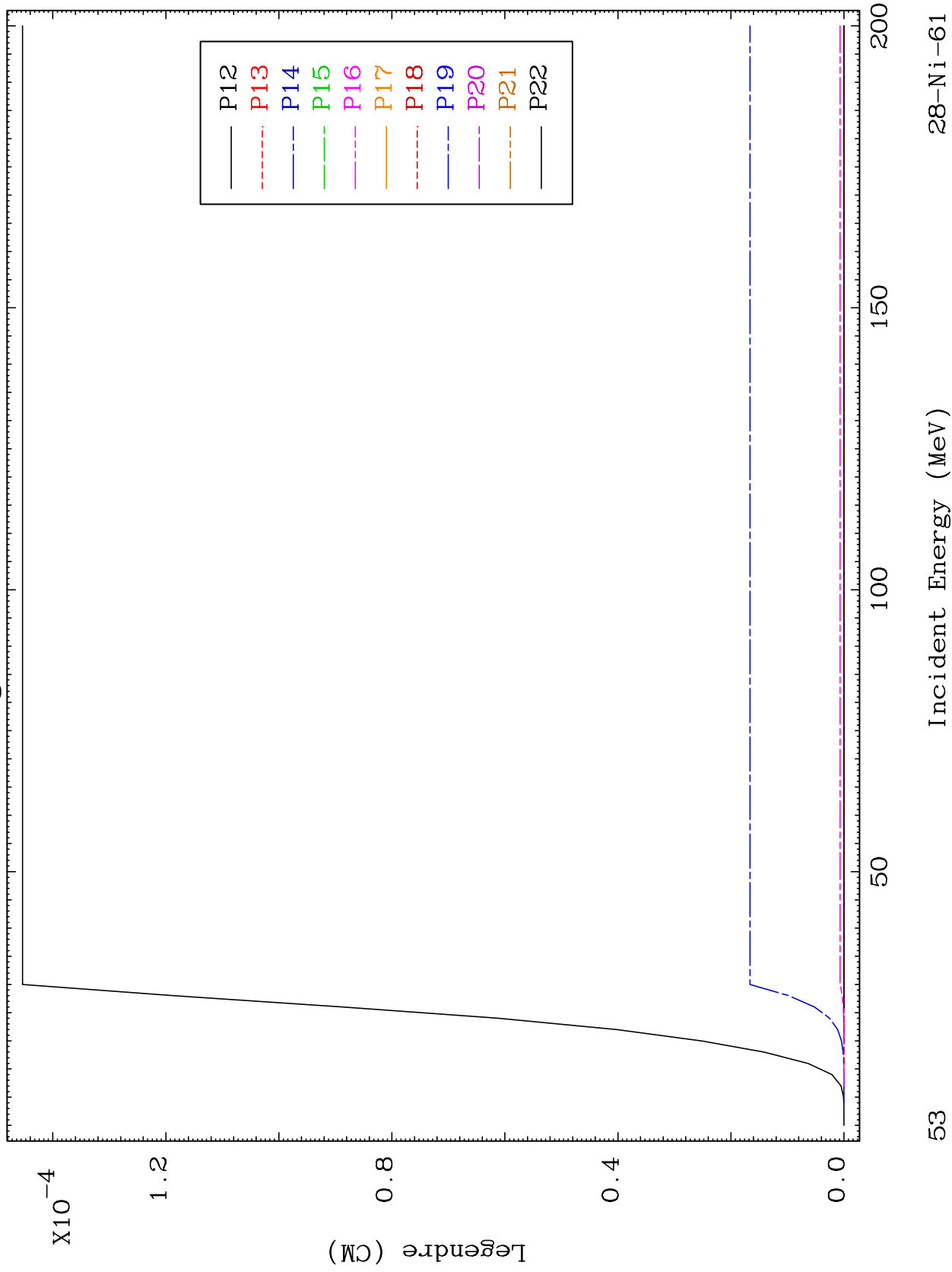
28-Ni-61



MAT 2834

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

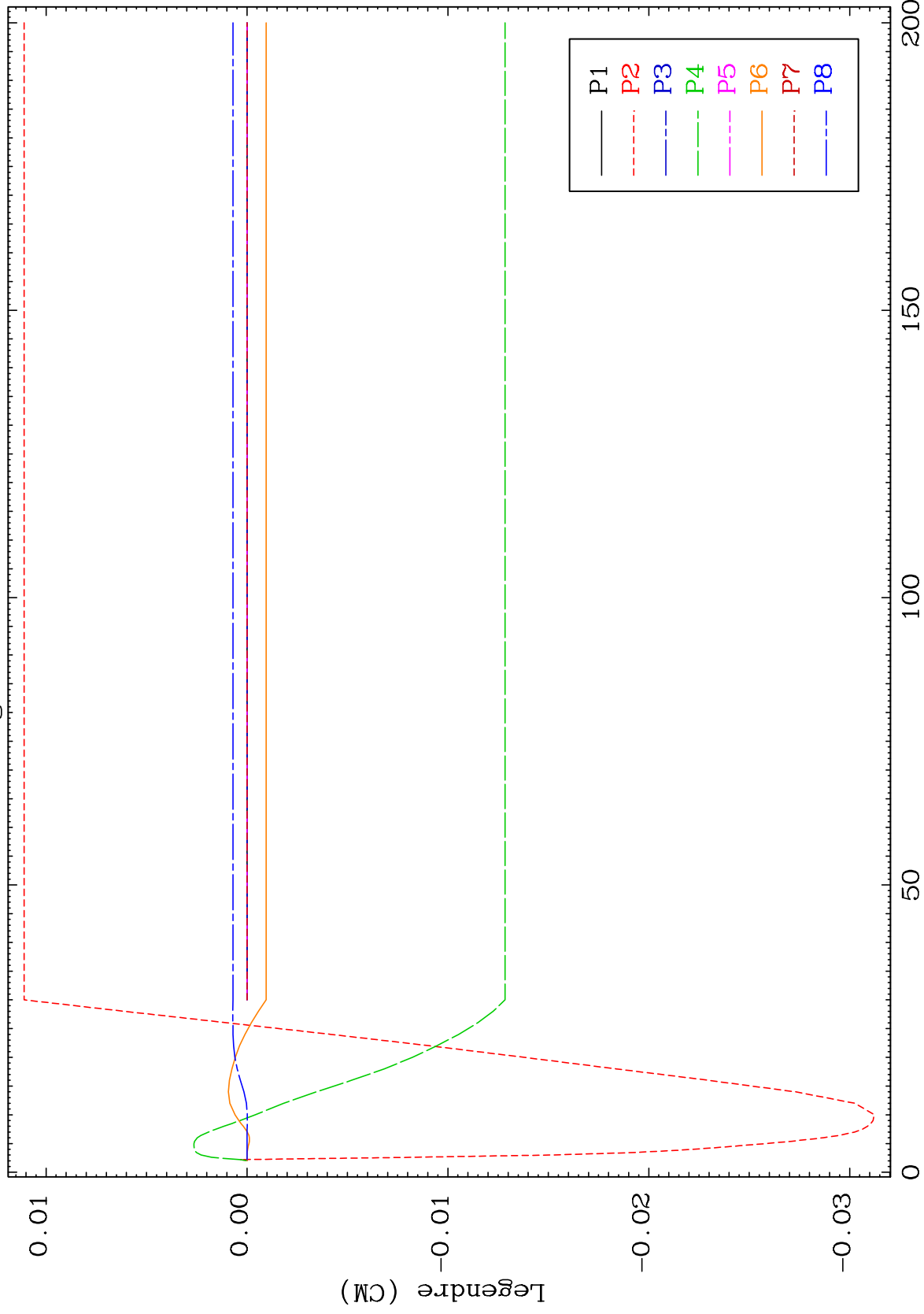
28-Ni-61



MAT 2834

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

28-Ni-61



54

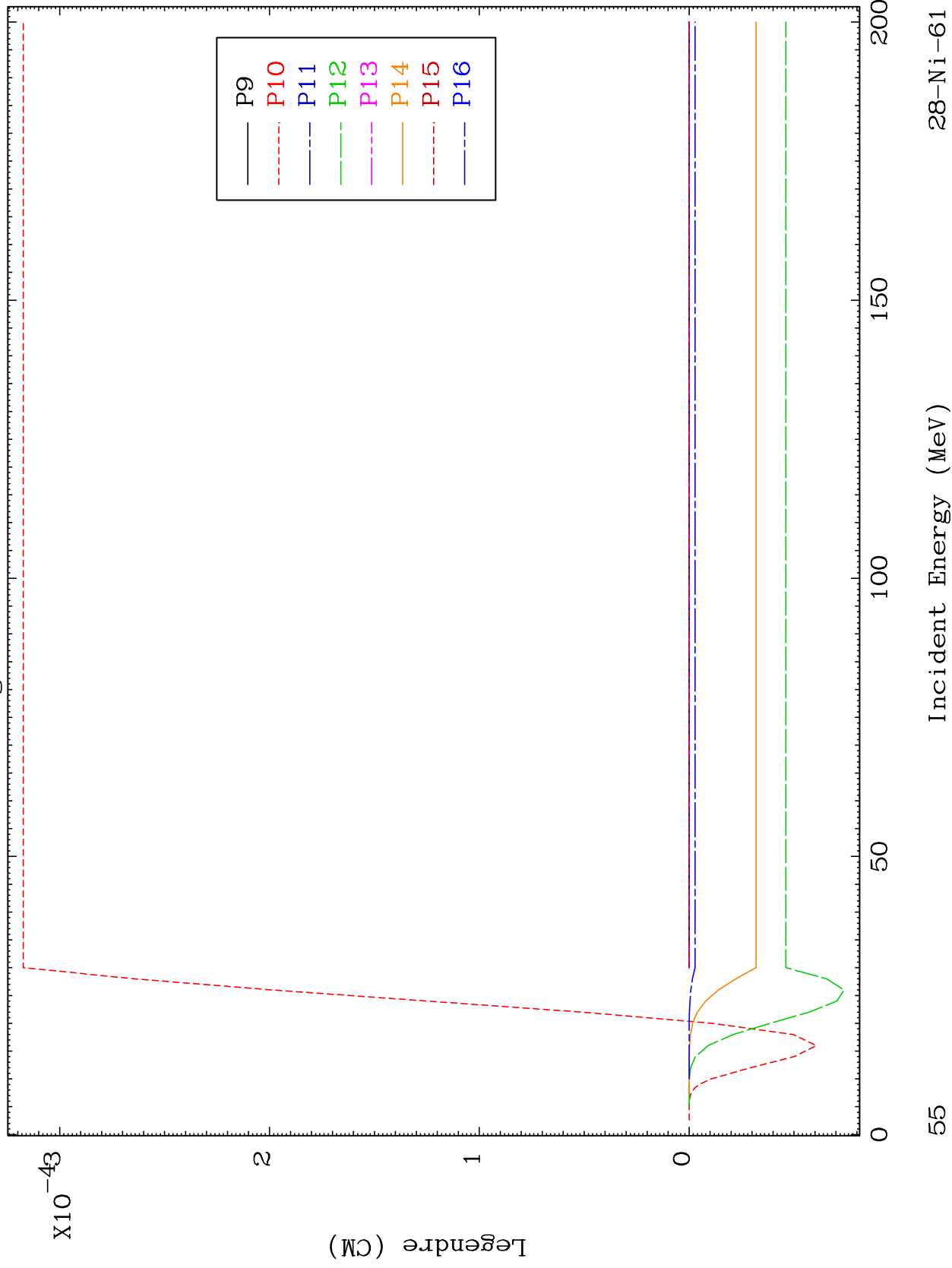
Incident Energy (MeV)

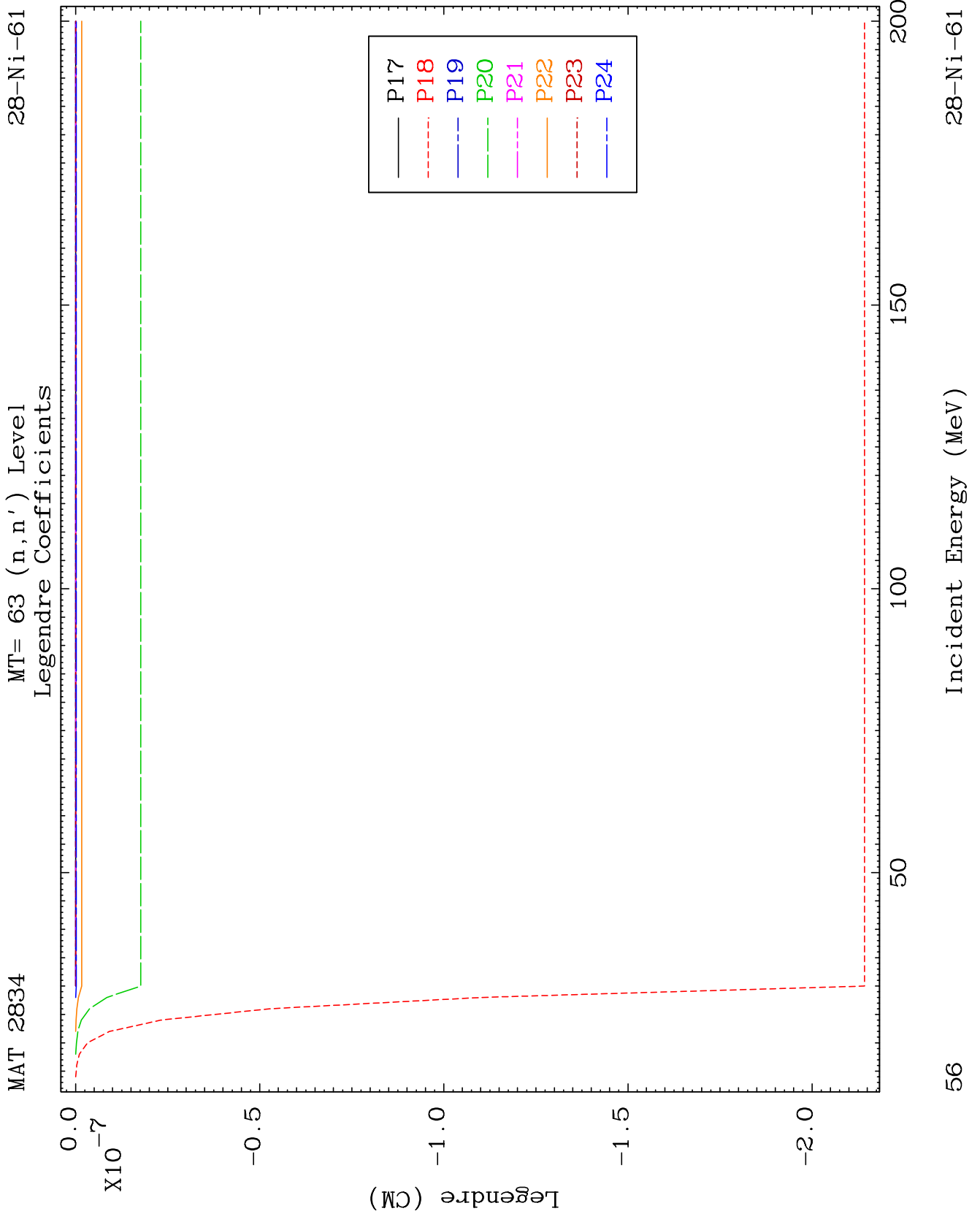
28-Ni-61

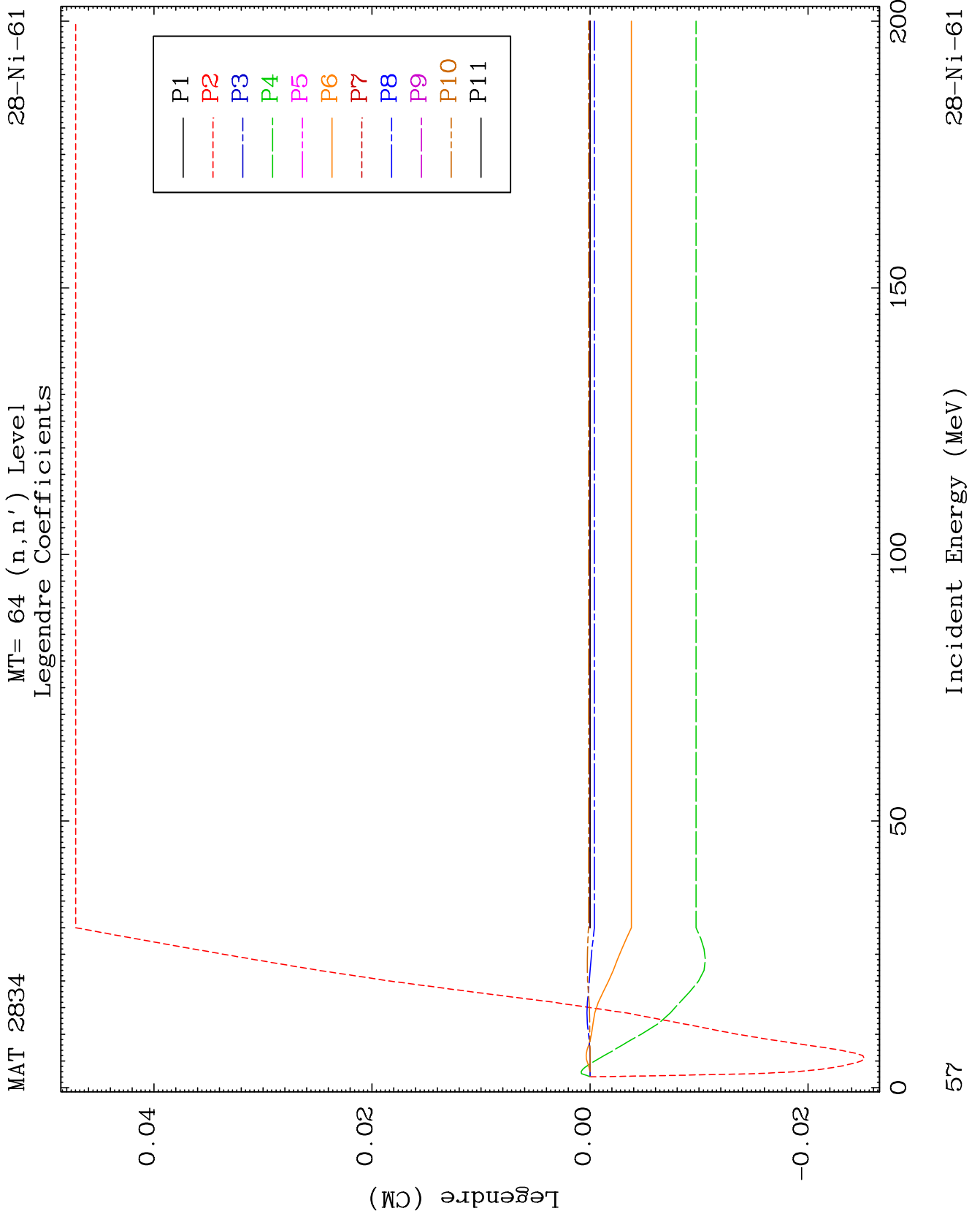
MAT 2834

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

28-Ni-61



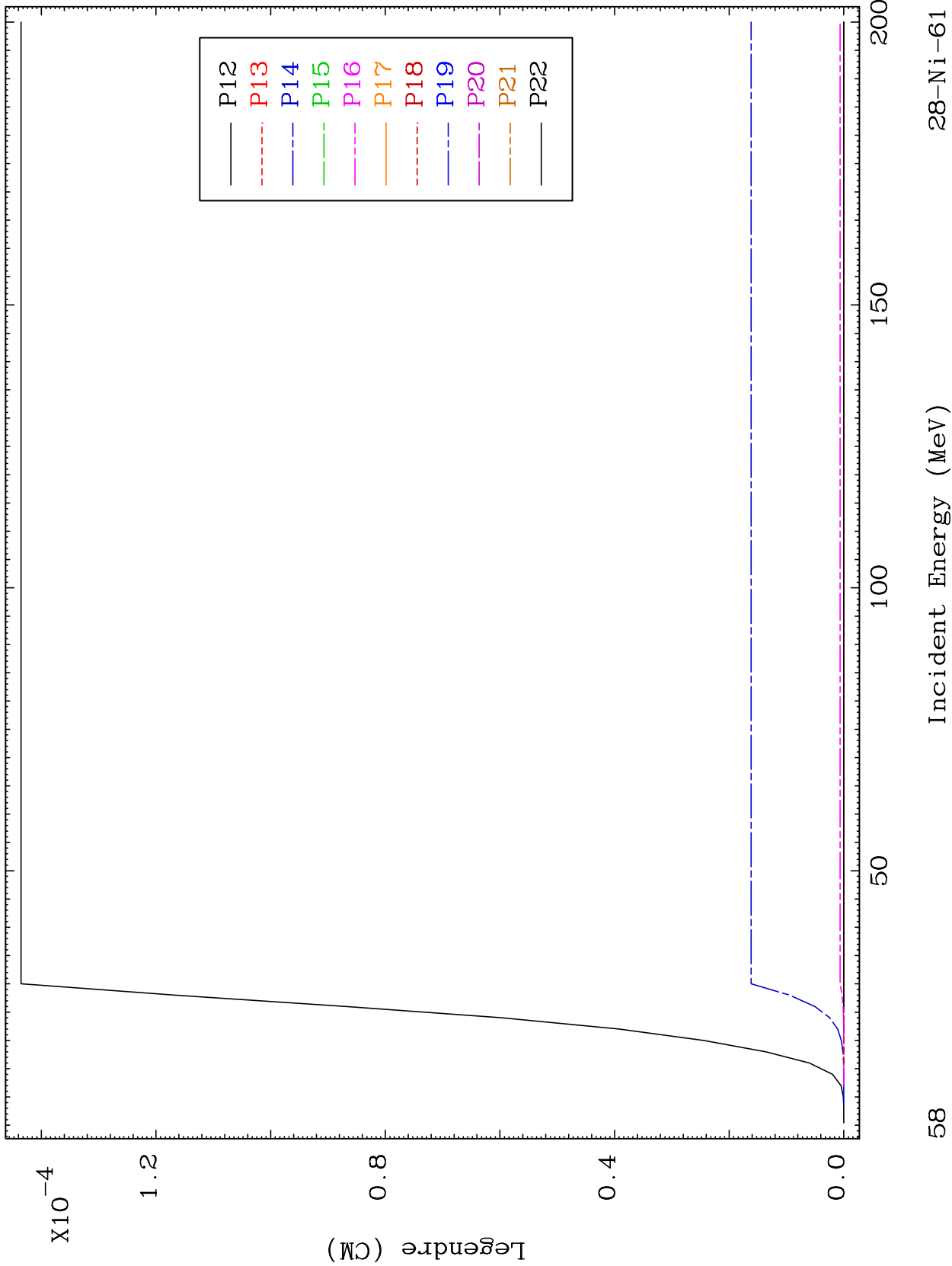


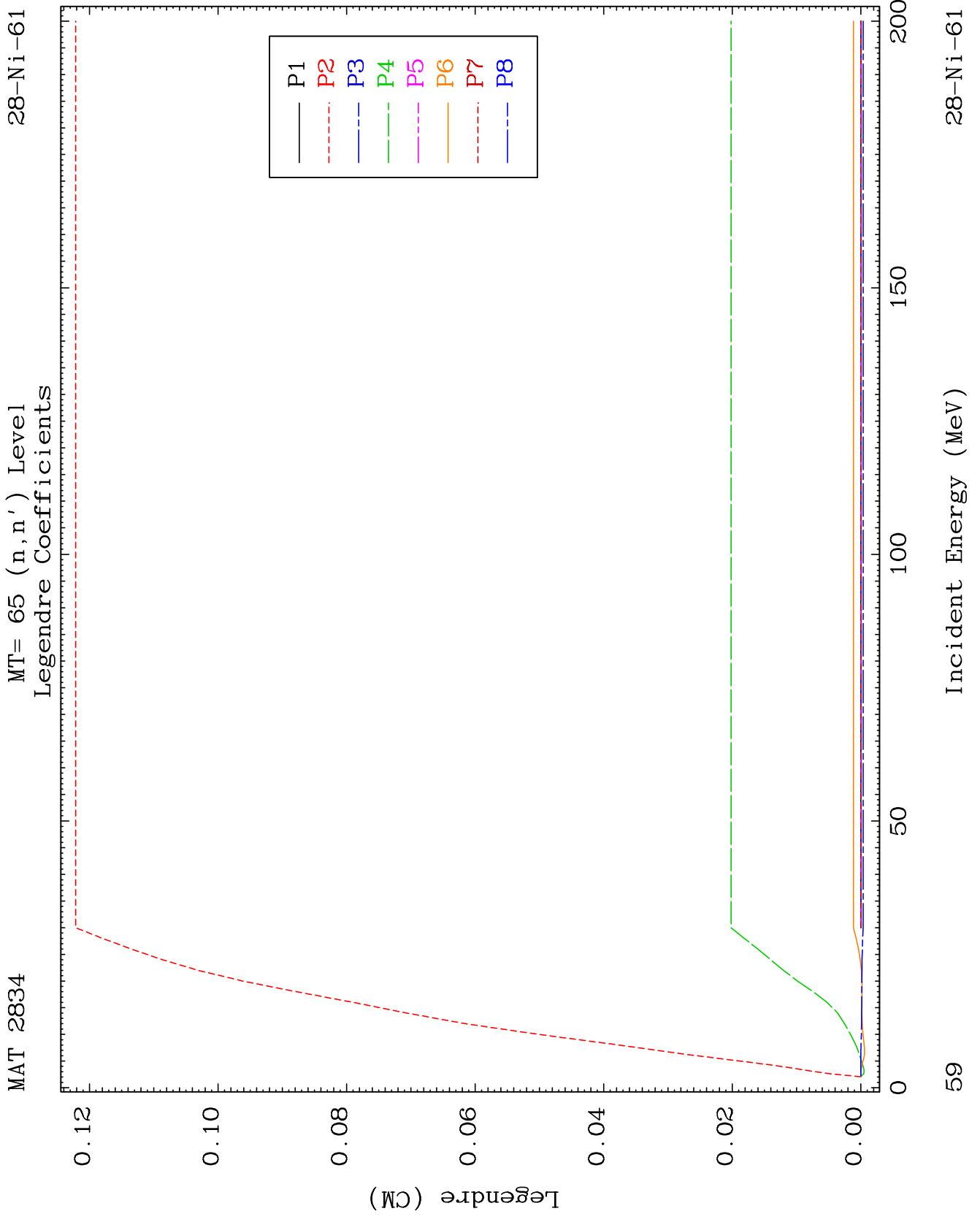


MAT 2834

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

28-Ni-61

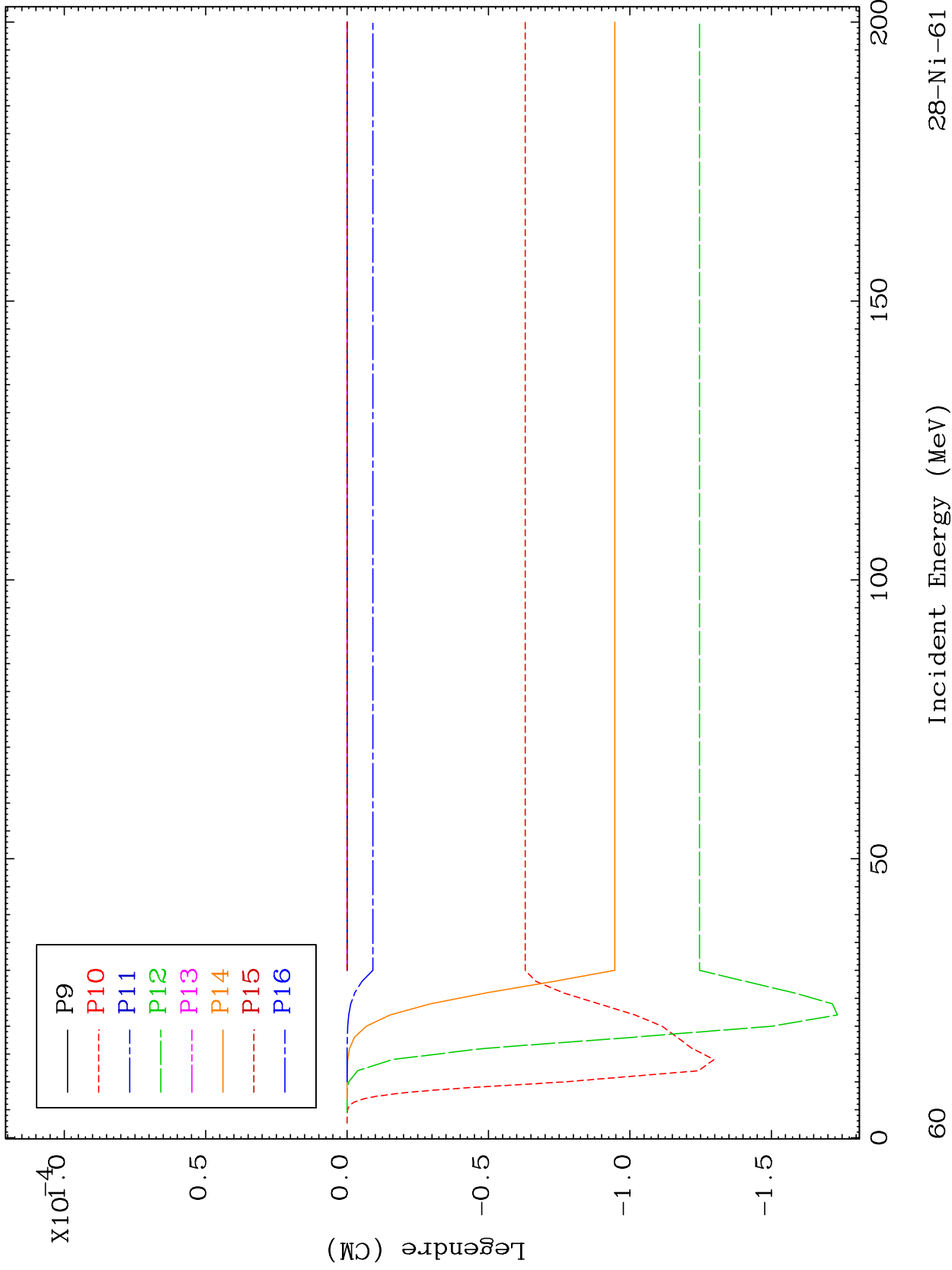


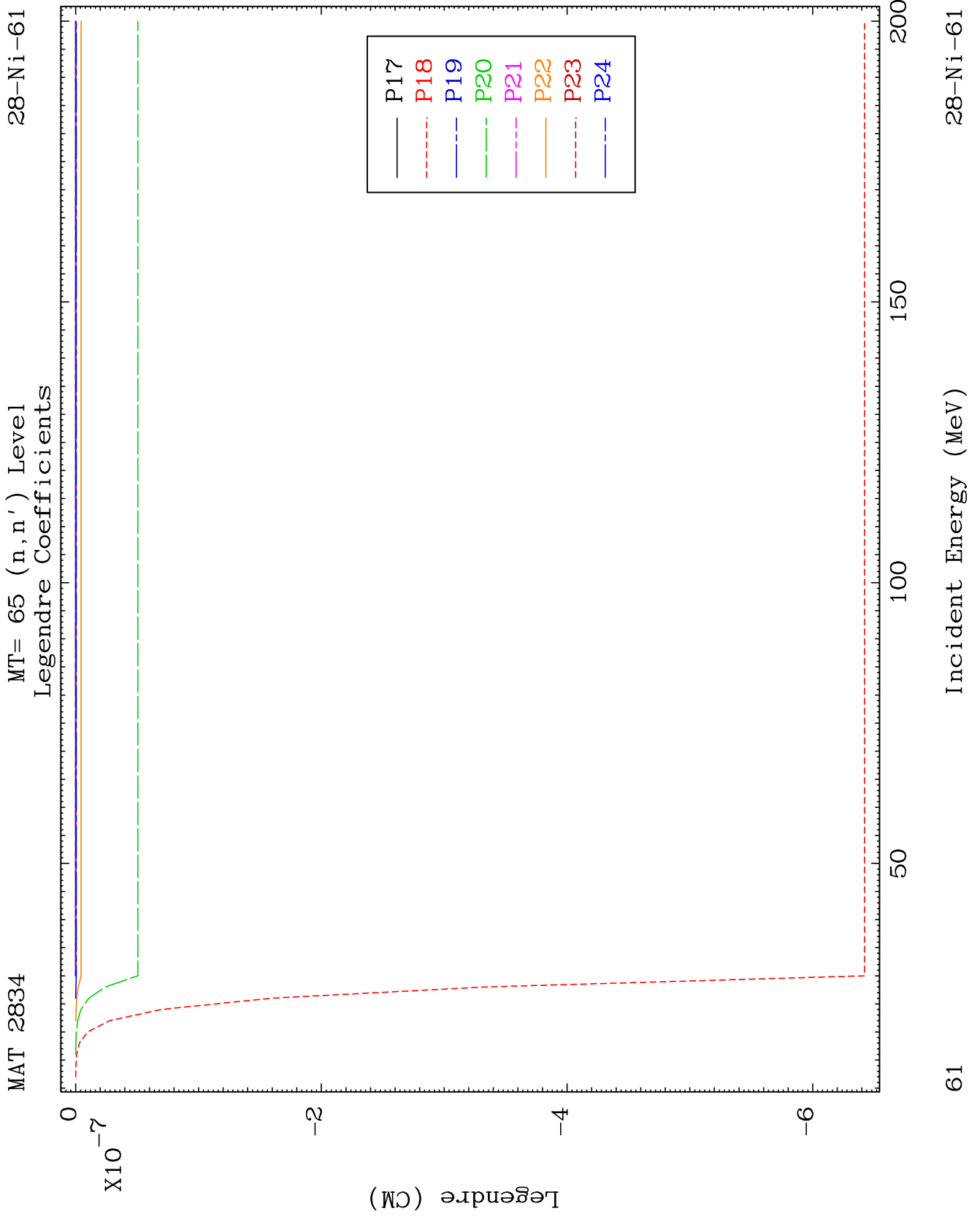


MAT 2834

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

28-Ni-61

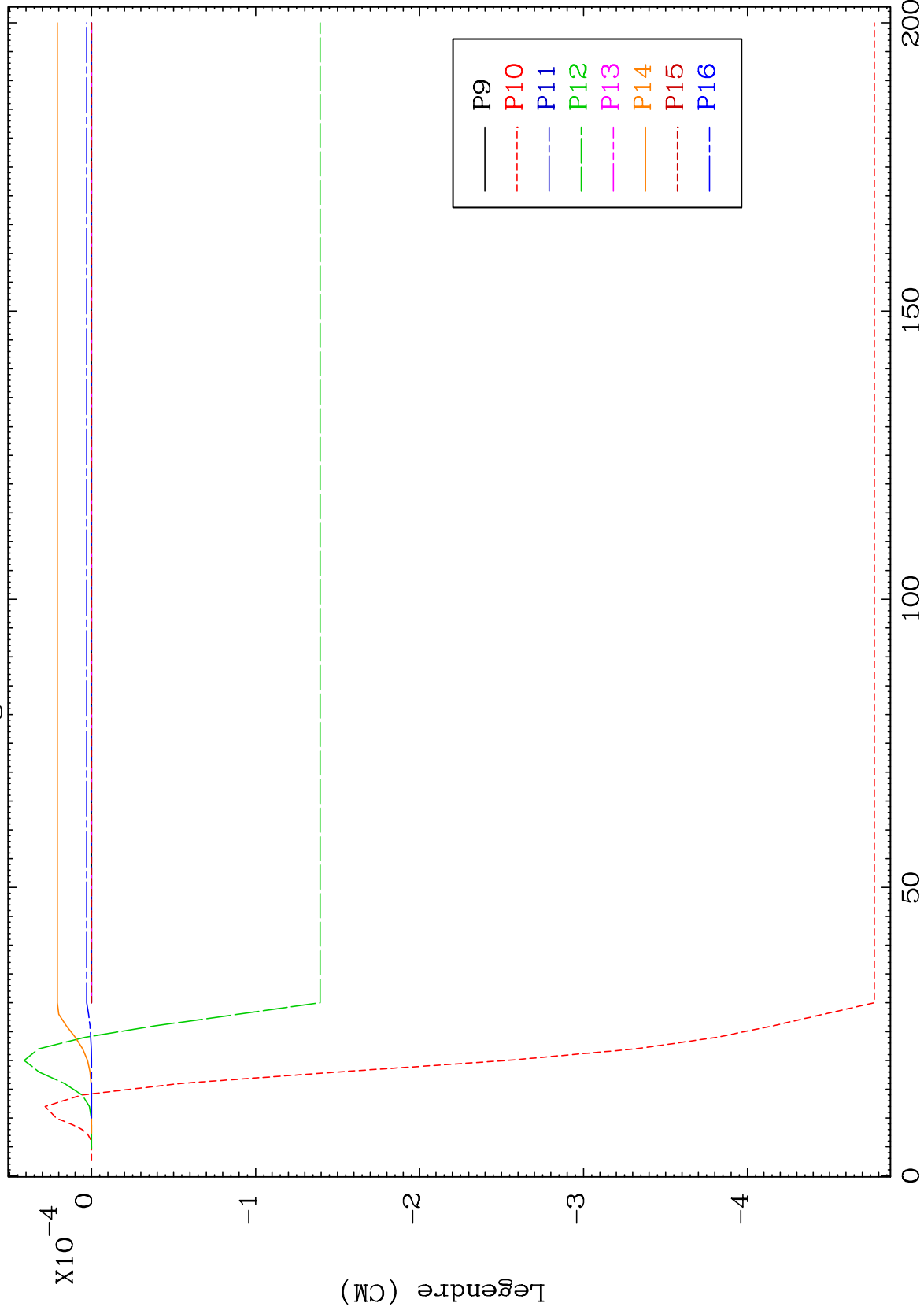




MAT 2834

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

28-Ni-61



63

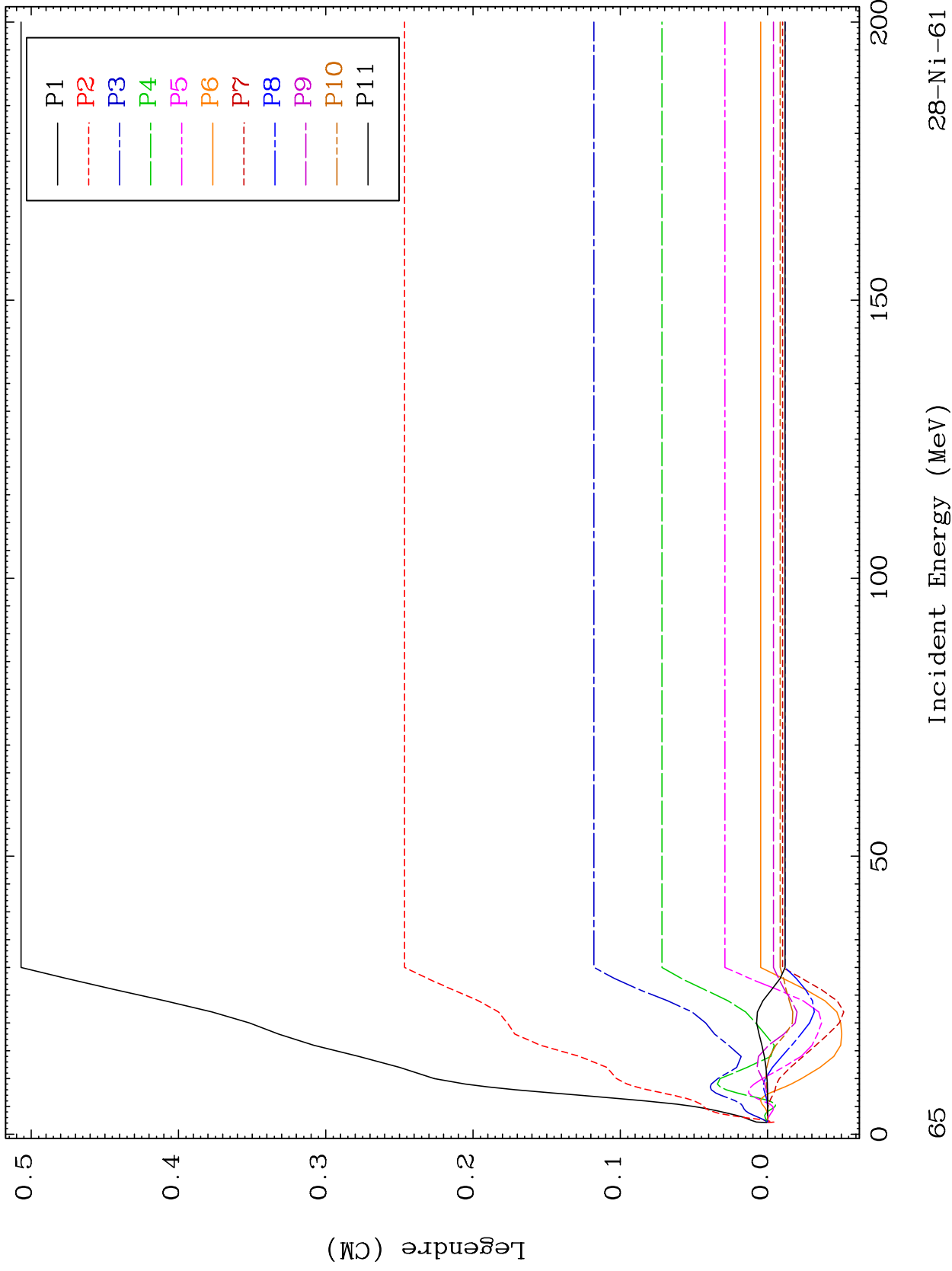
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

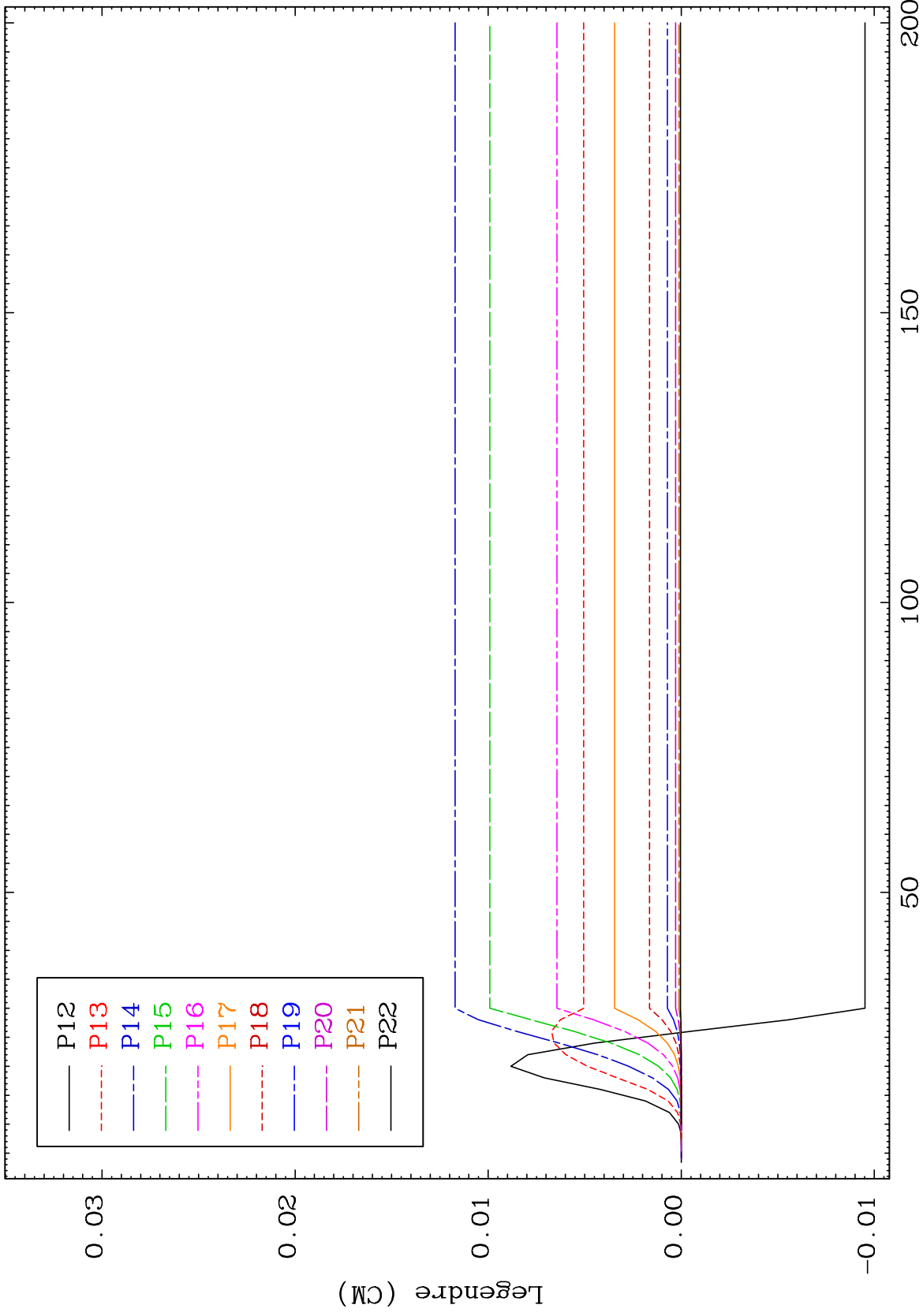
28-Ni-61



28-Ni-61

Incident Energy (MeV)

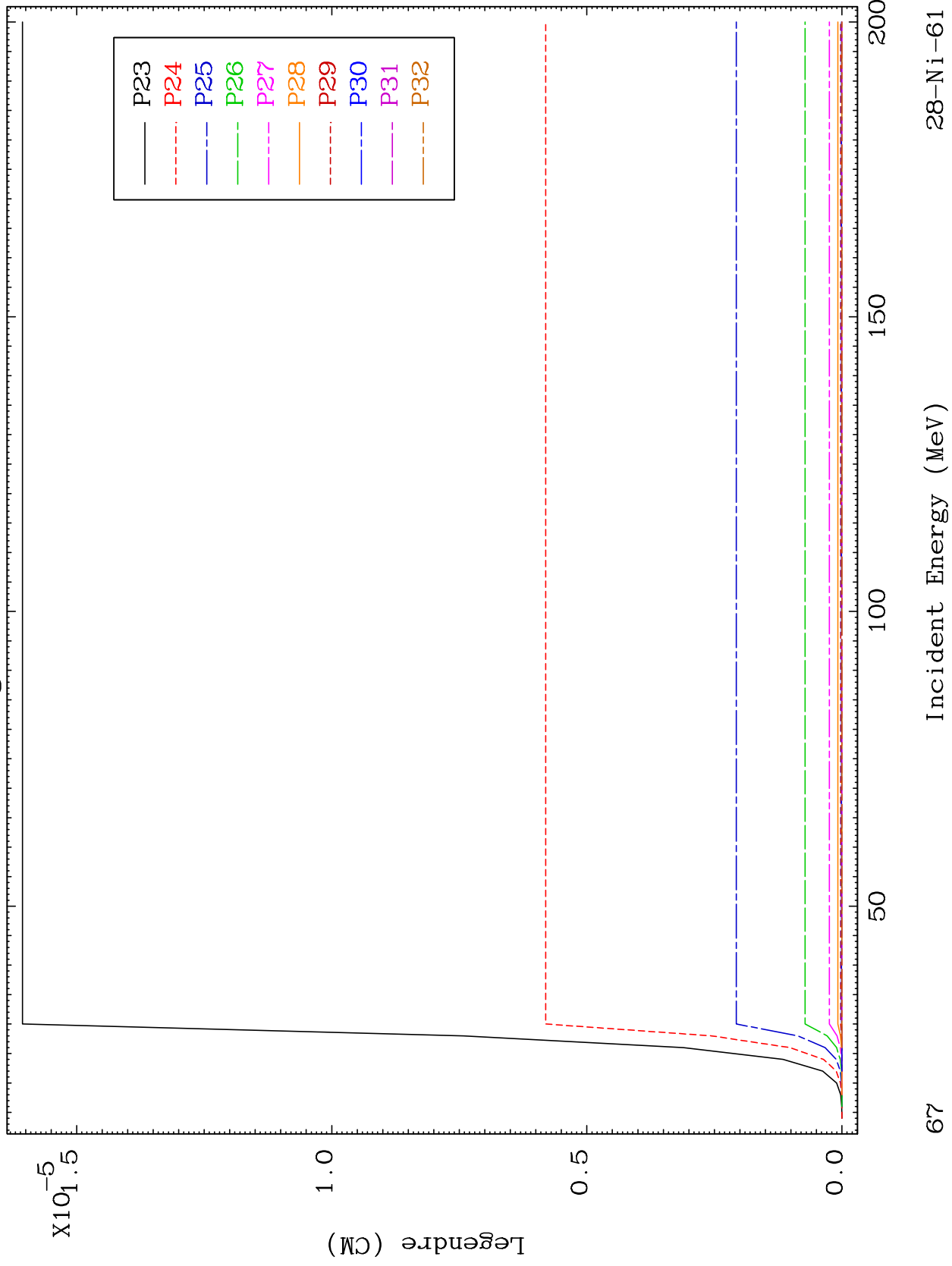
65



MAT 2834

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

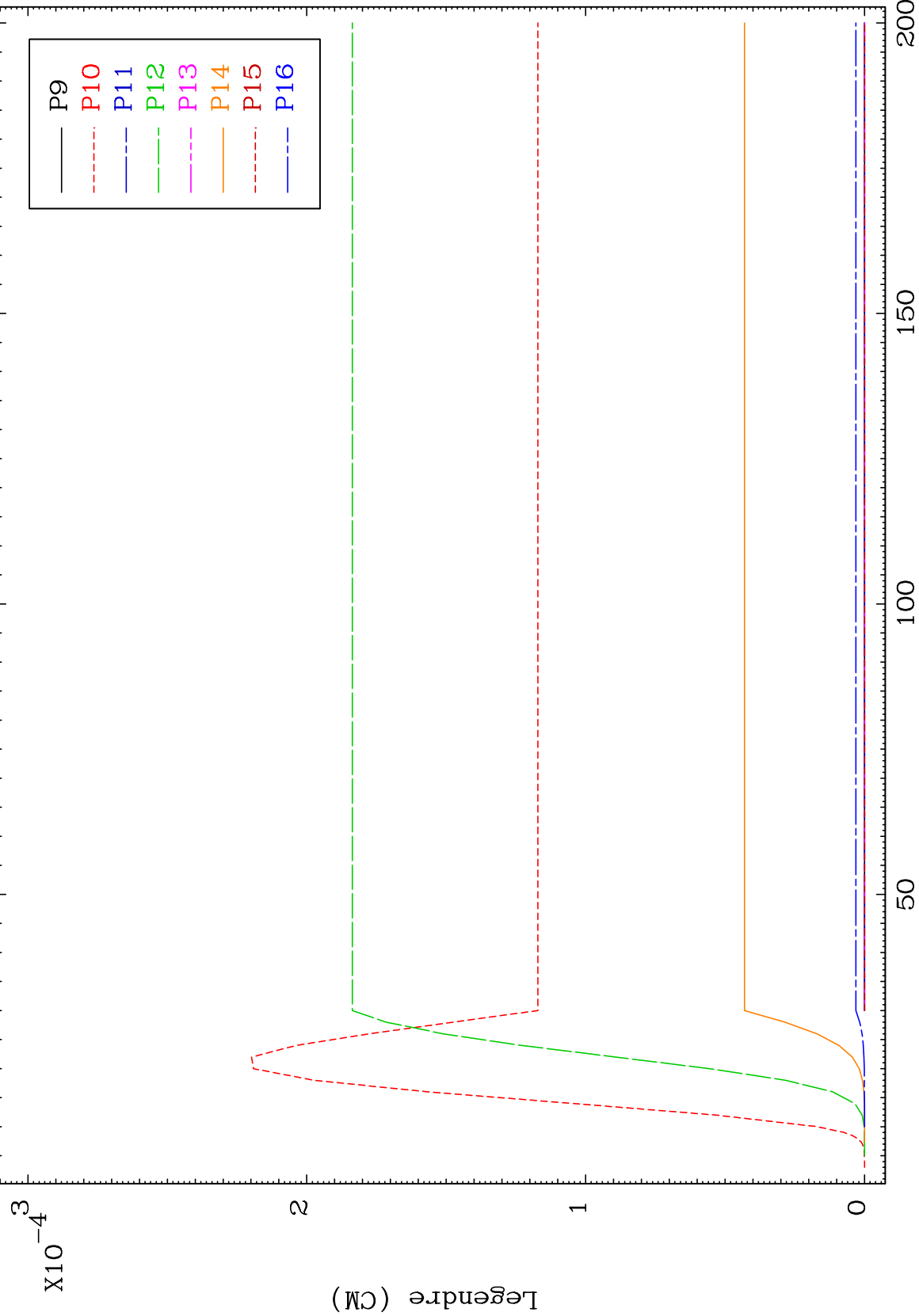
28-Ni-61



MAT 2834

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

28-Ni-61



69

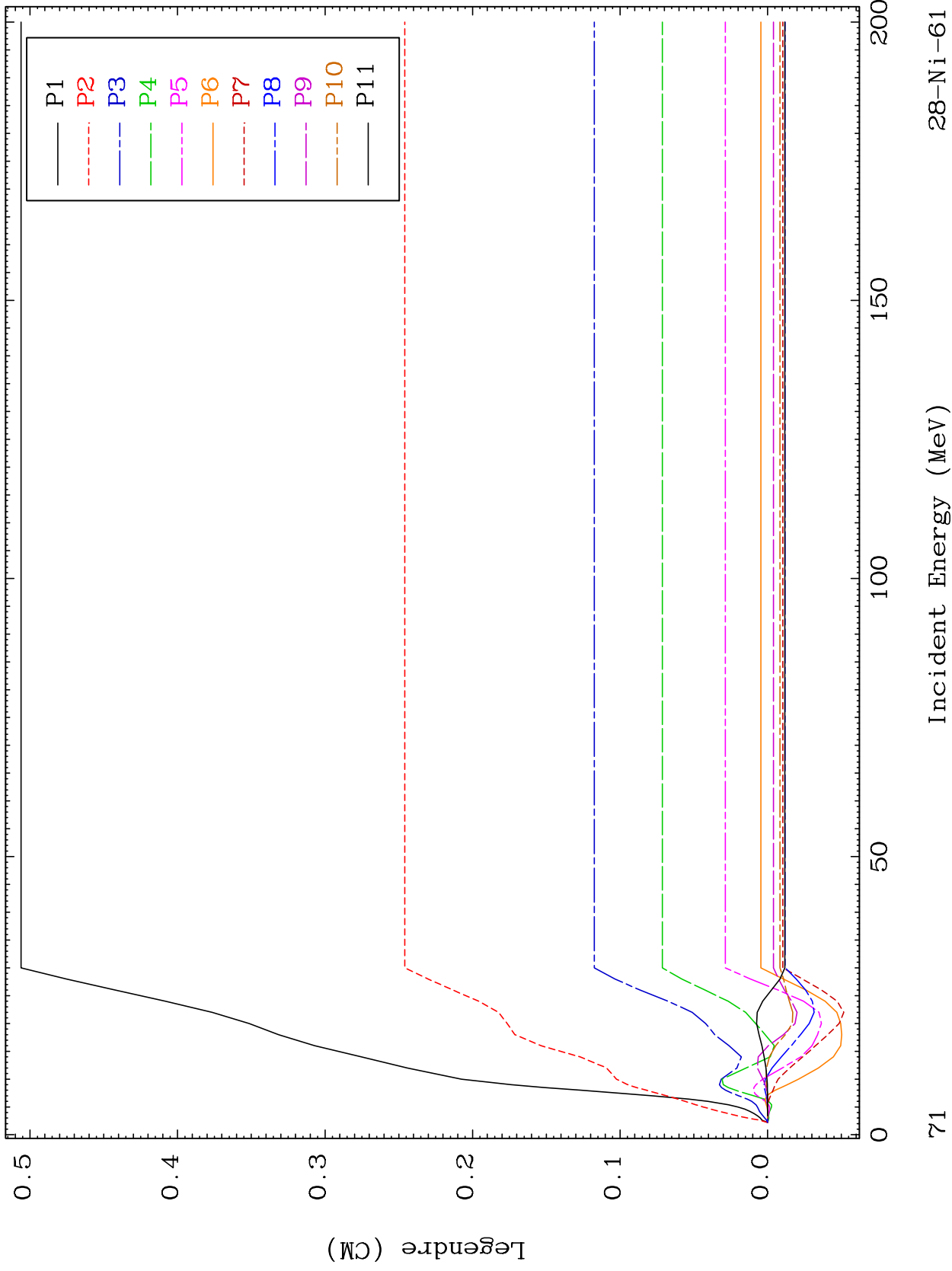
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

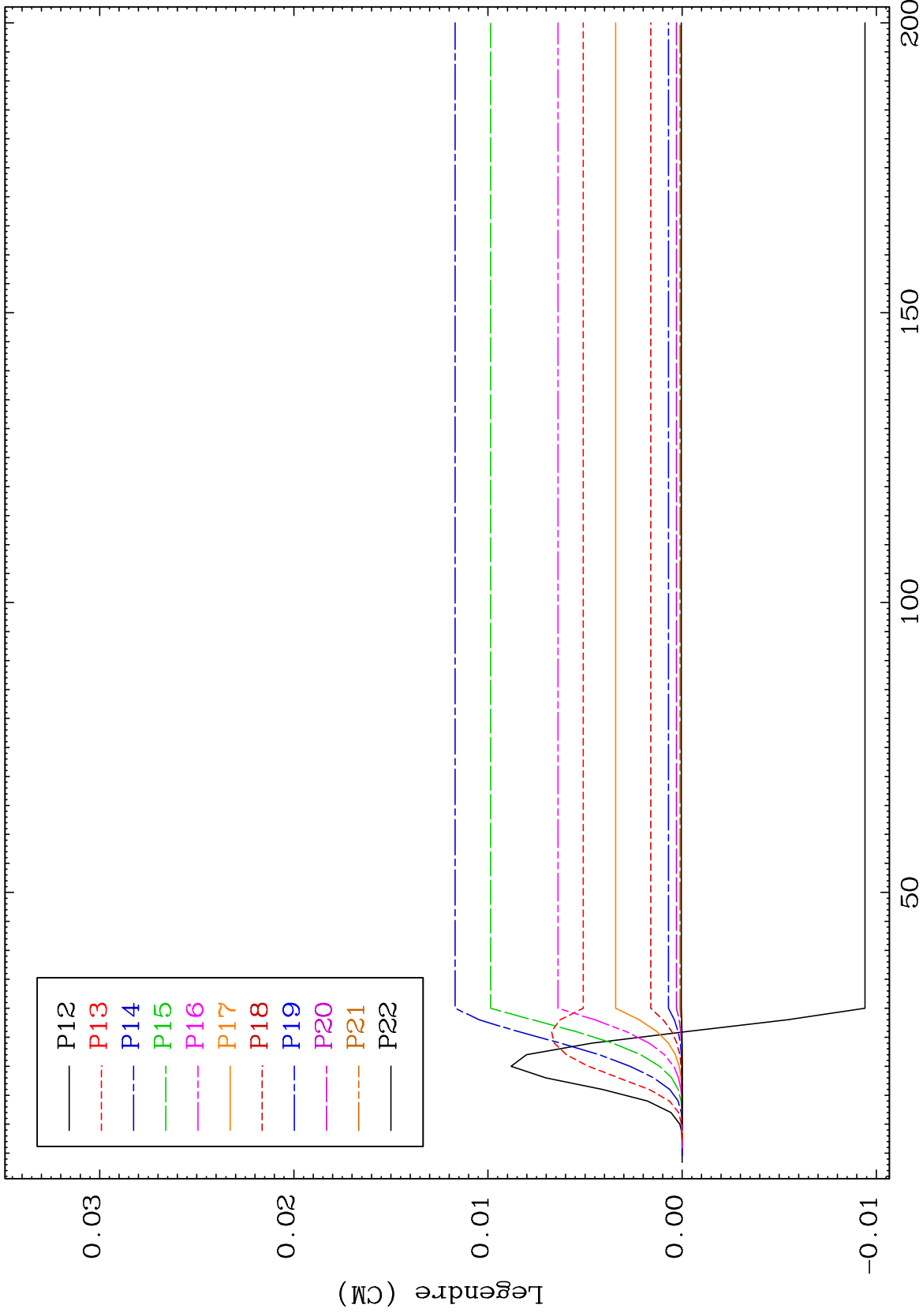
28-Ni-61



71

Incident Energy (MeV)

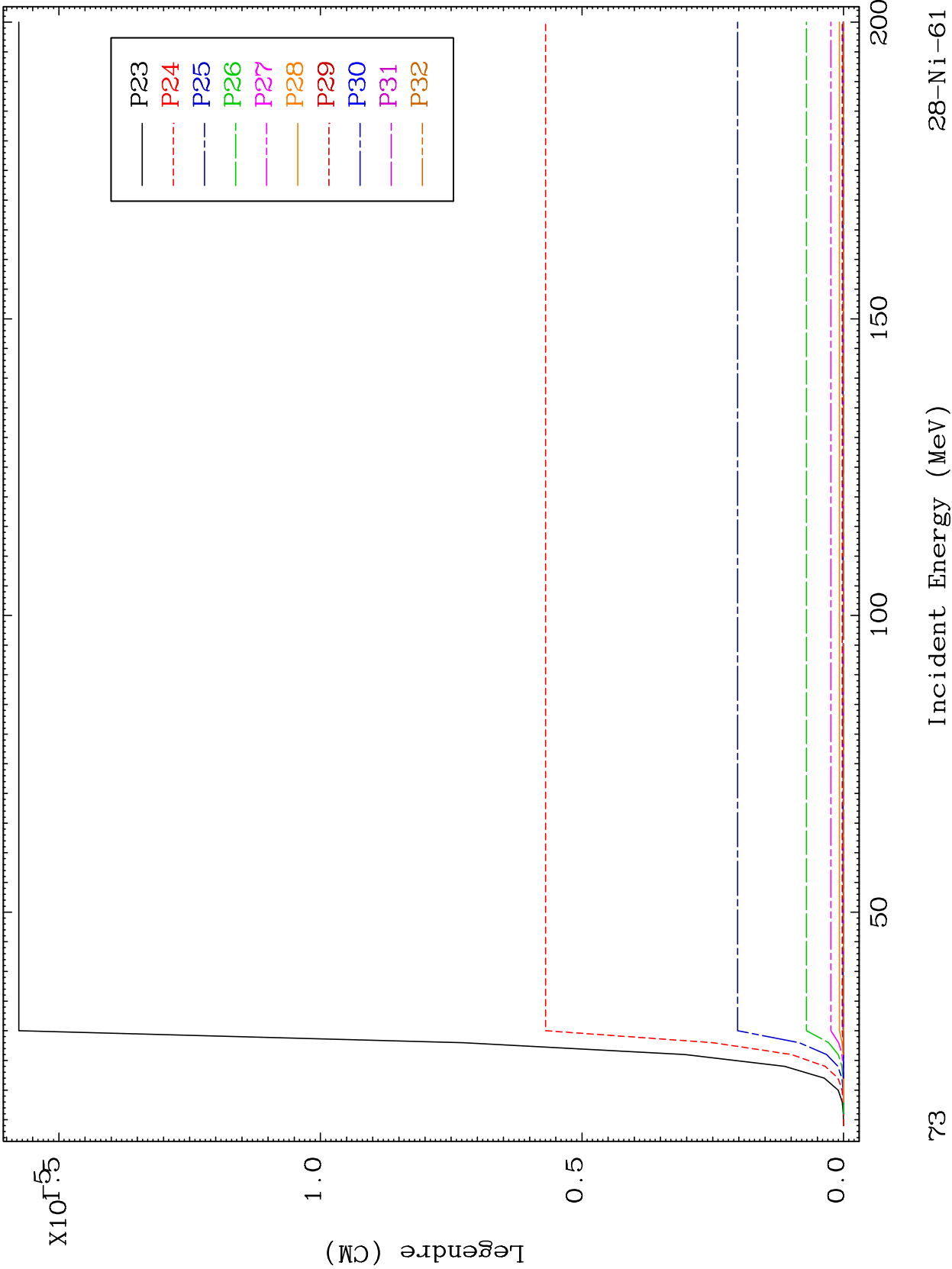
28-Ni-61



MAT 2834

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

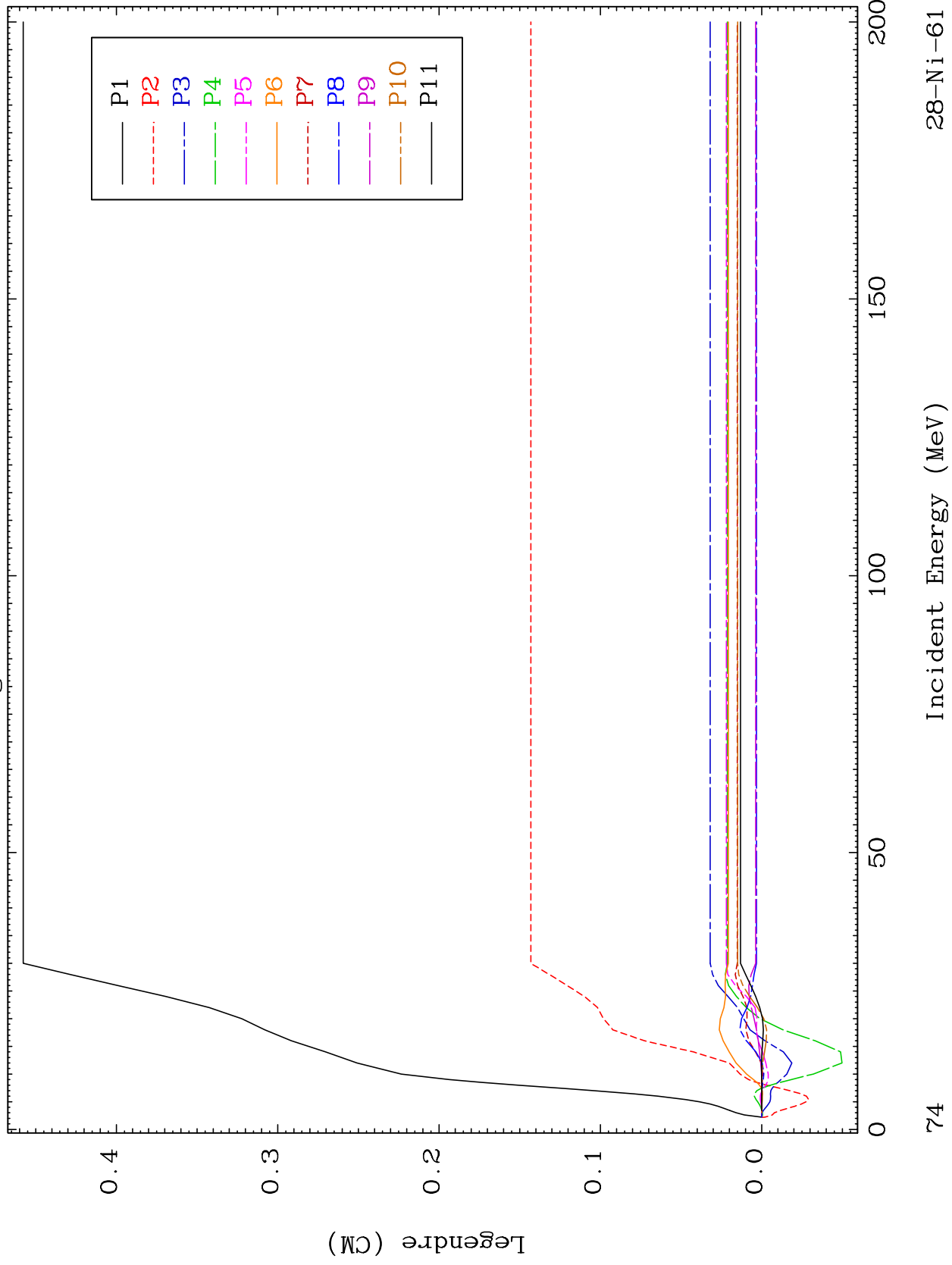
28-Ni-61



MAT 2834

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

28-Ni-61



74

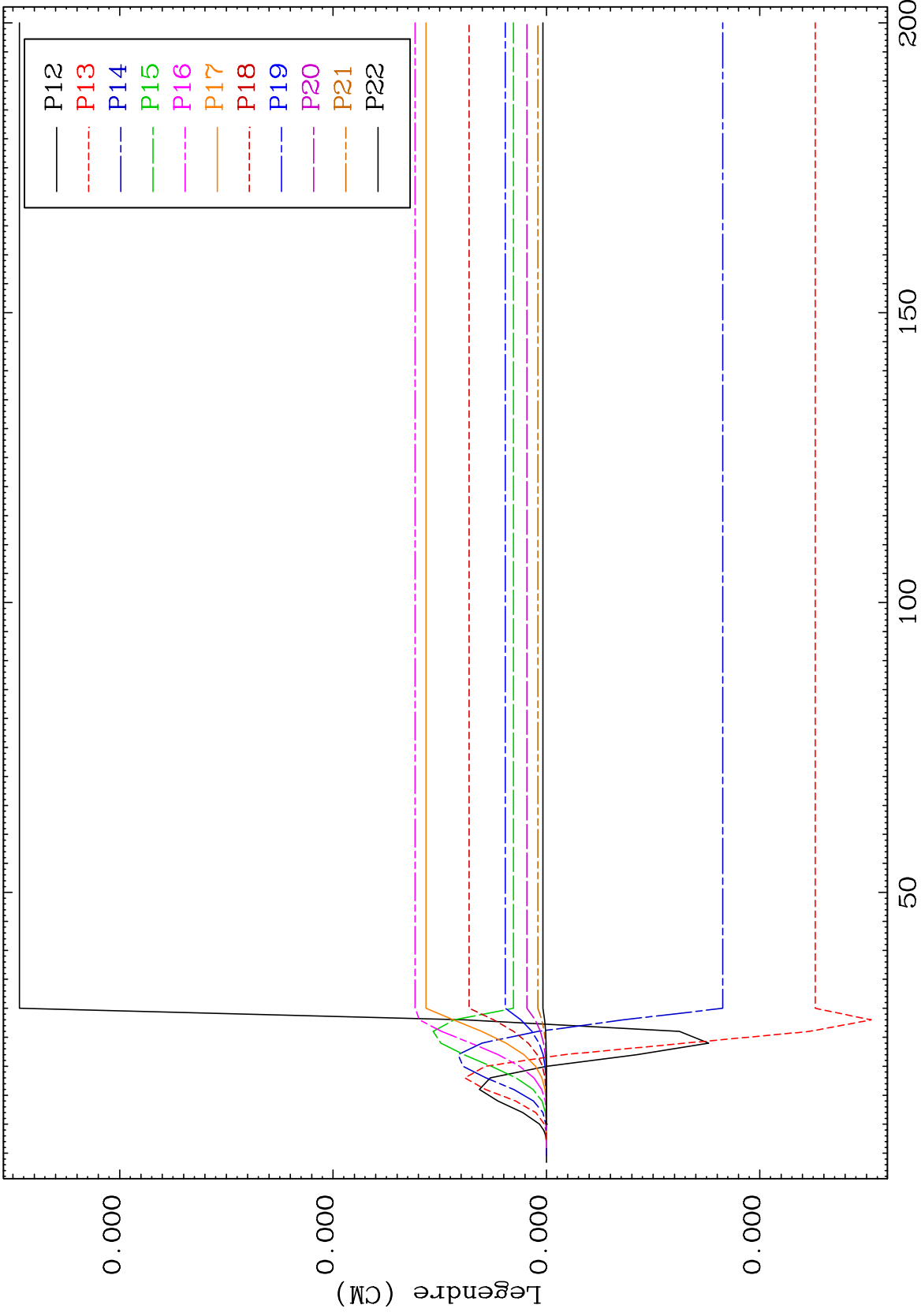
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



75

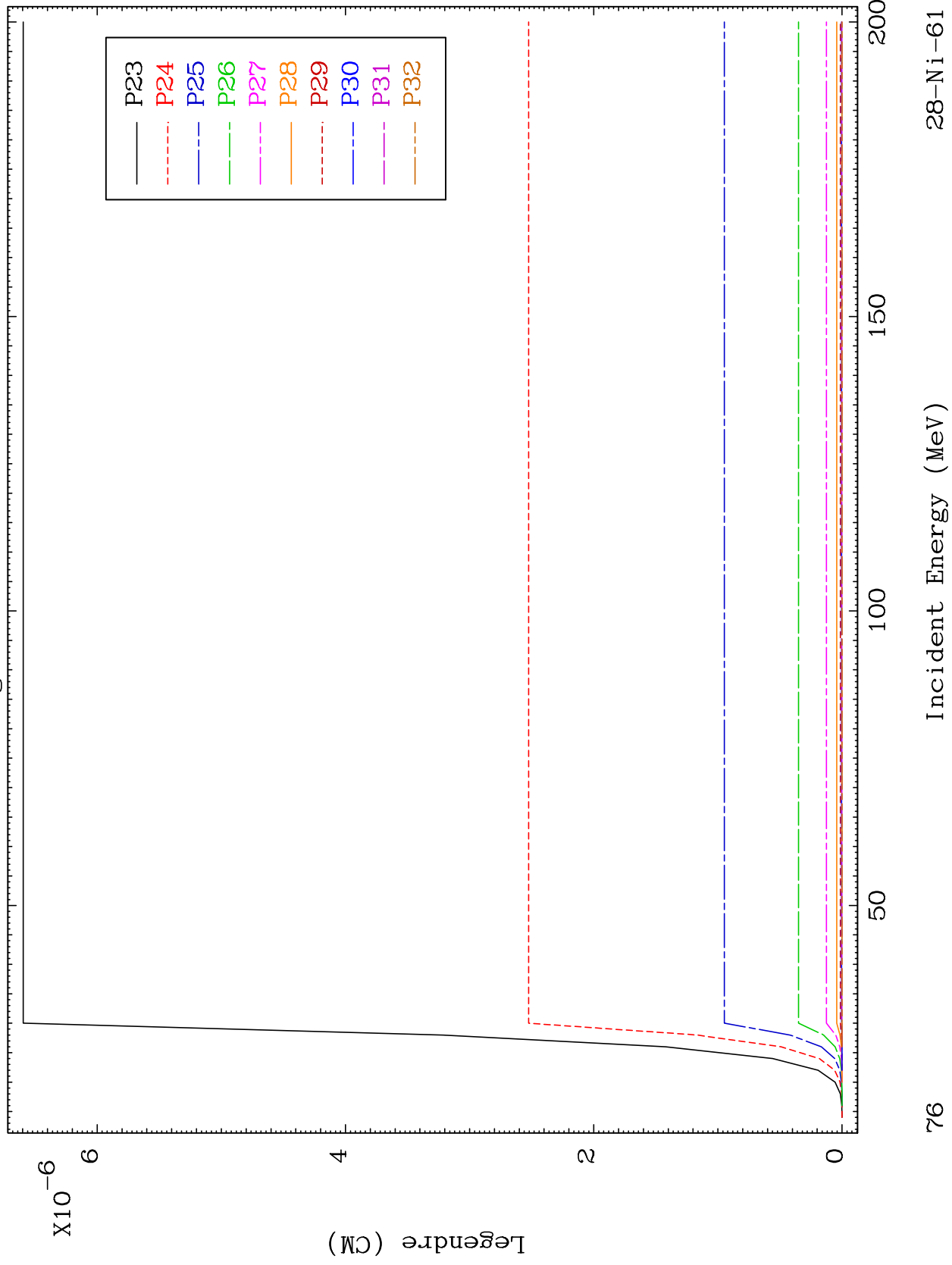
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



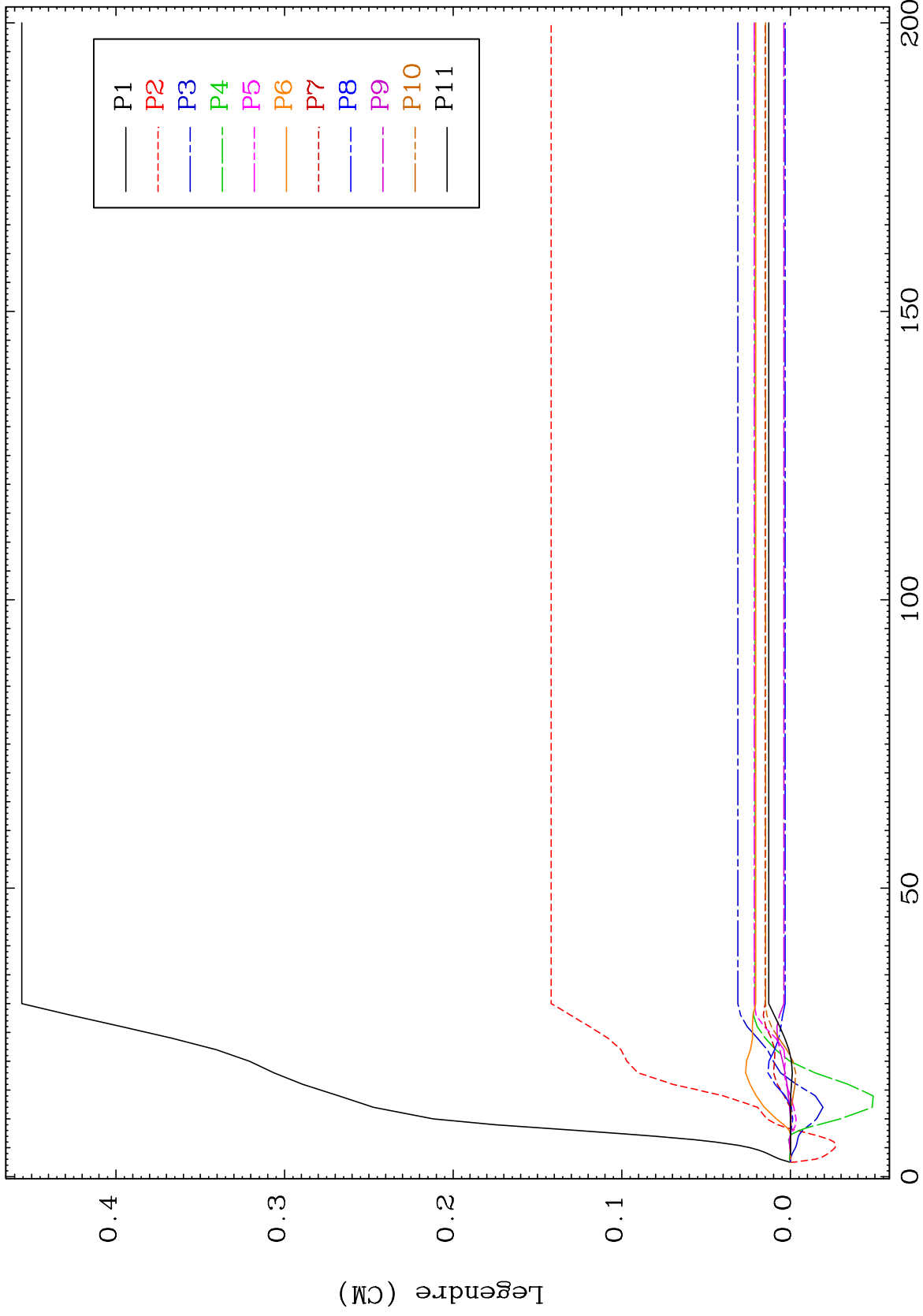
76

200

MAT 2834

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

28-Ni-61



77

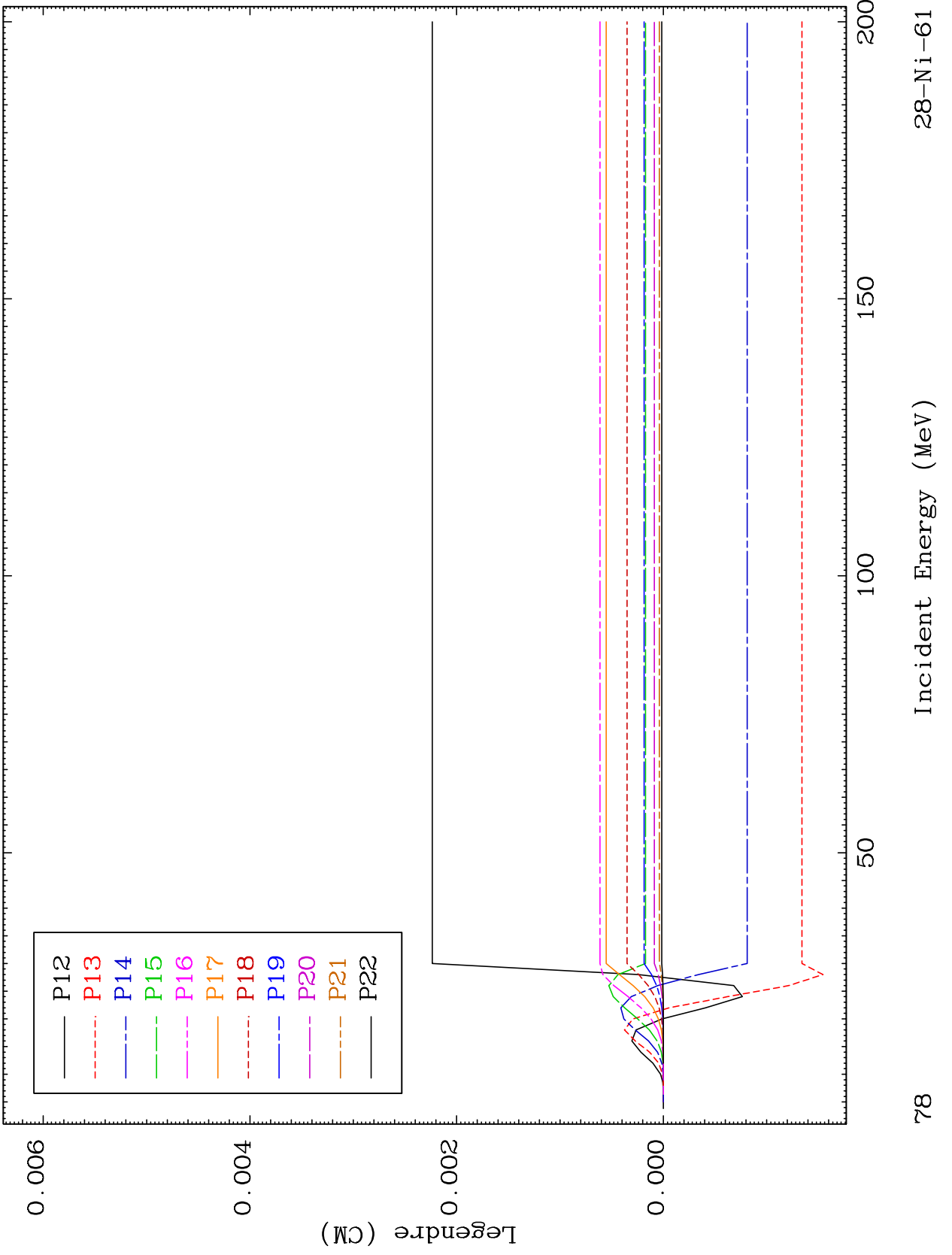
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



78

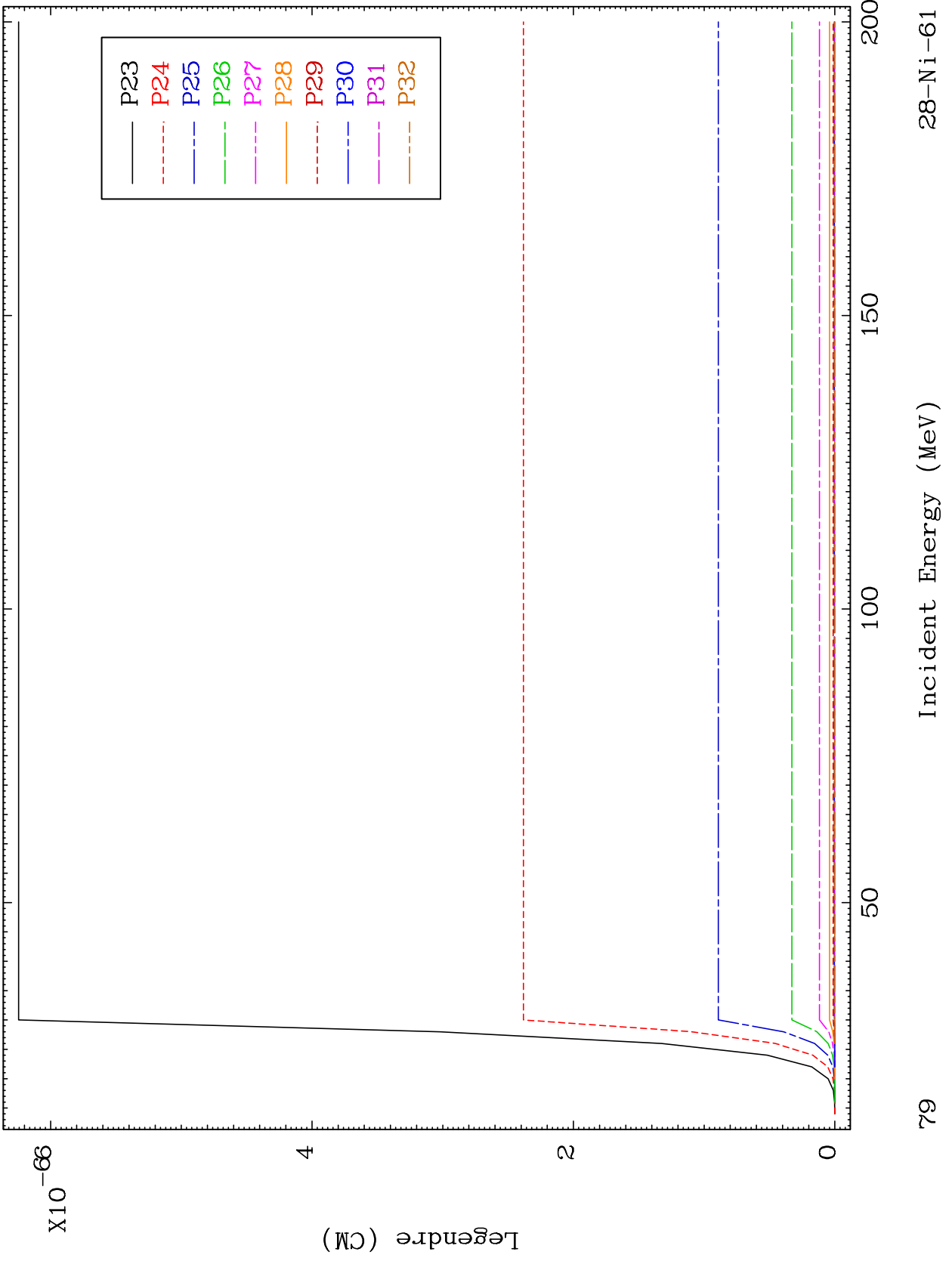
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

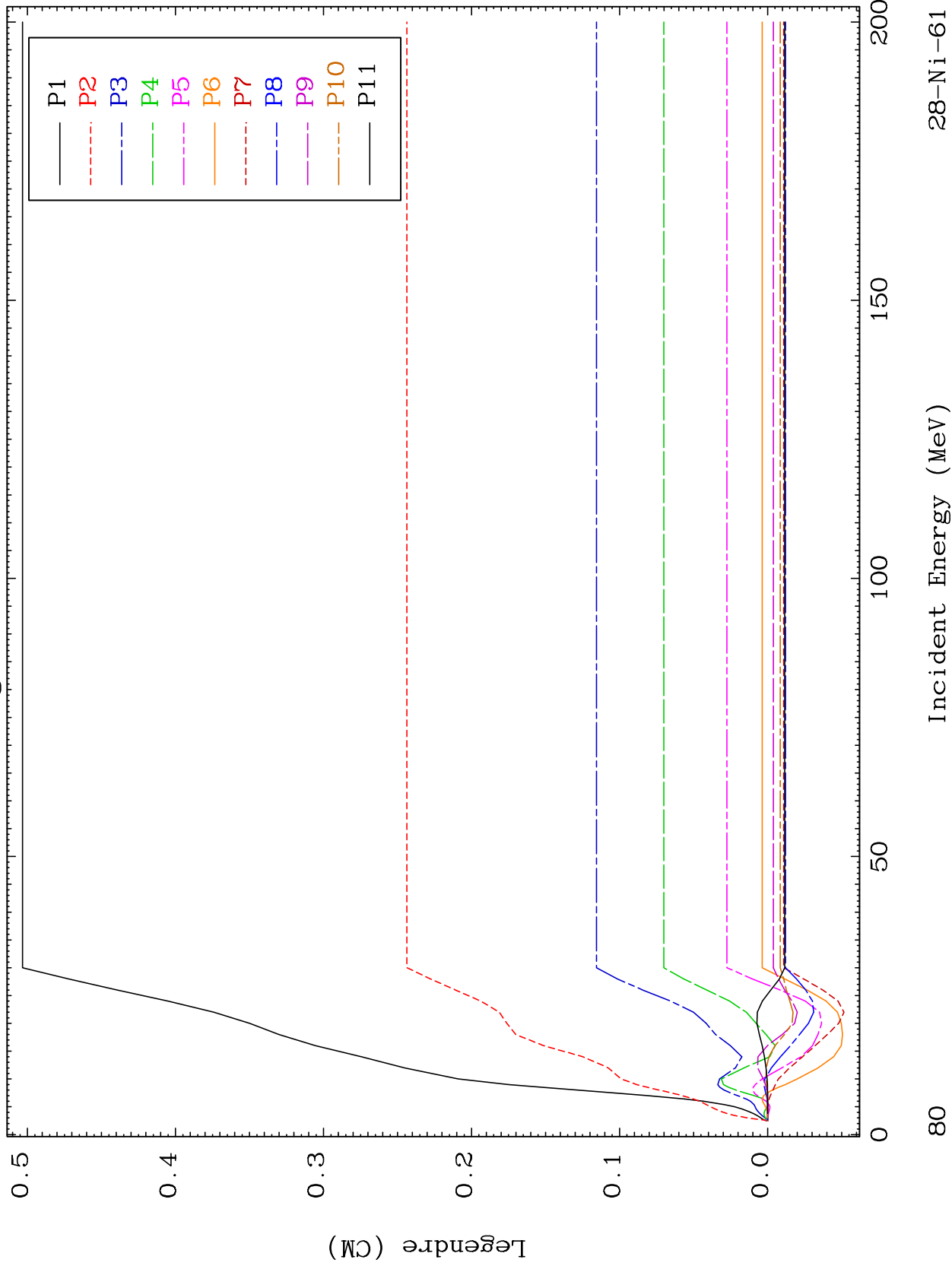
28-Ni-61

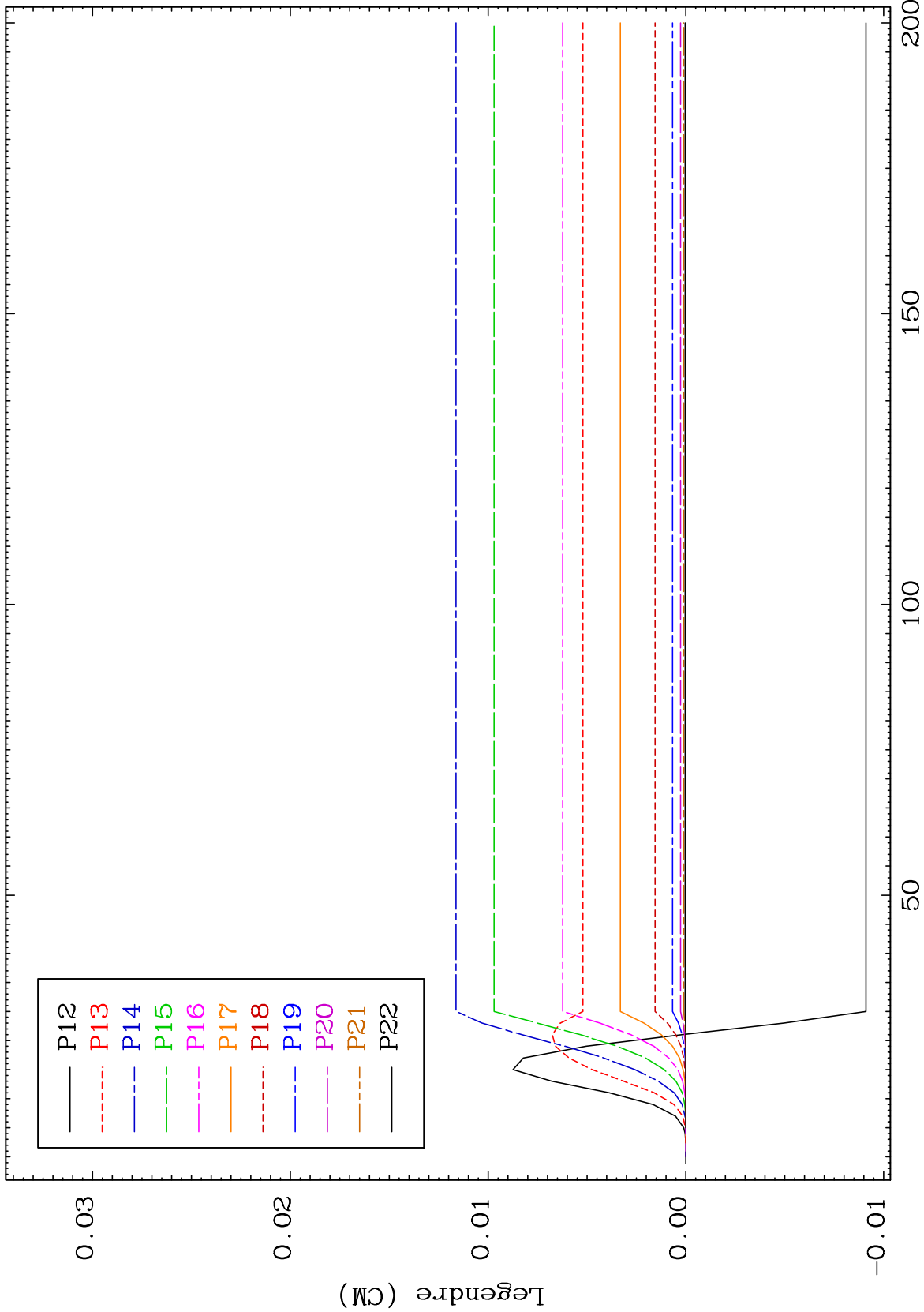


MAT 2834

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

28-Ni-61

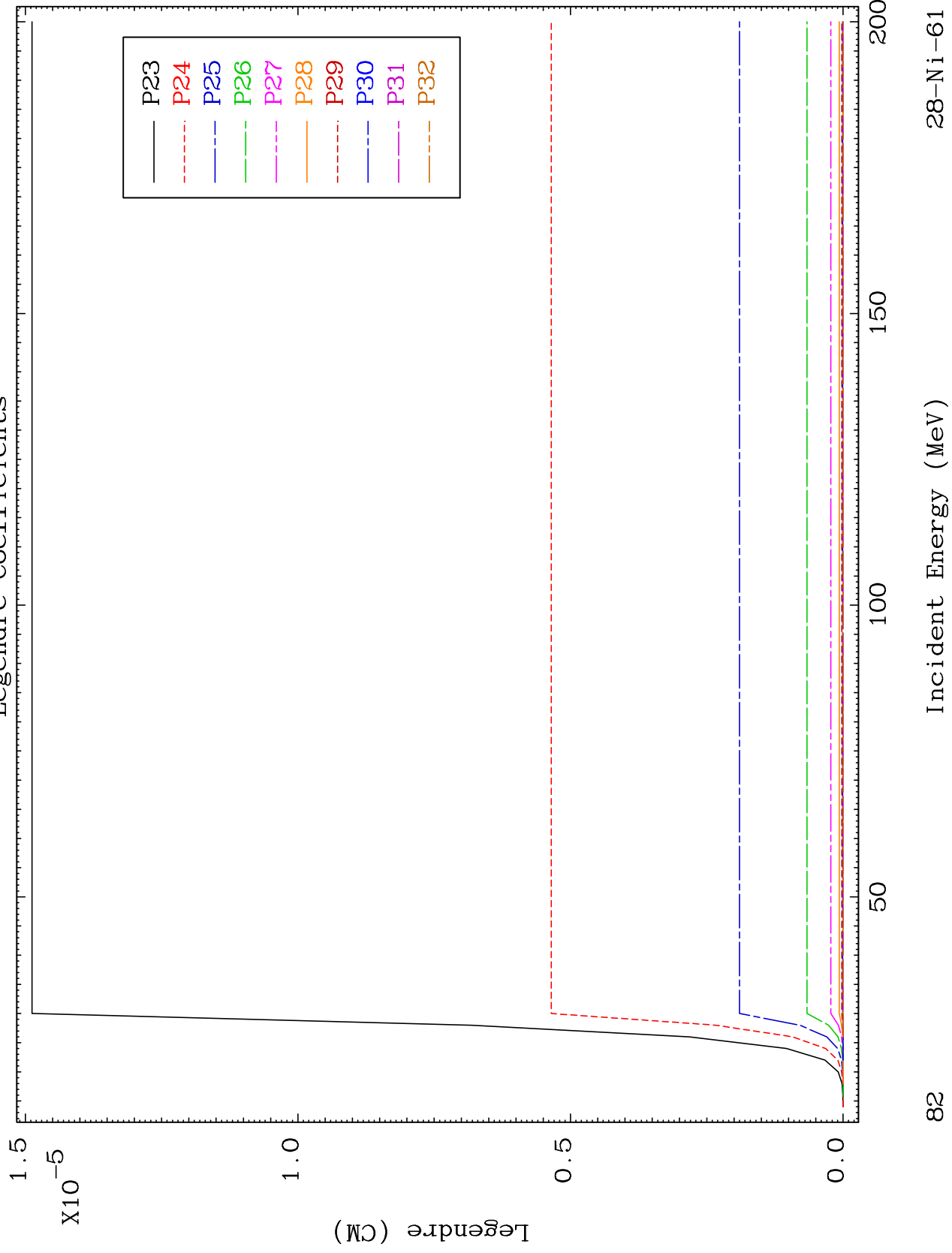




MAT 2834

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

28-Ni-61



82

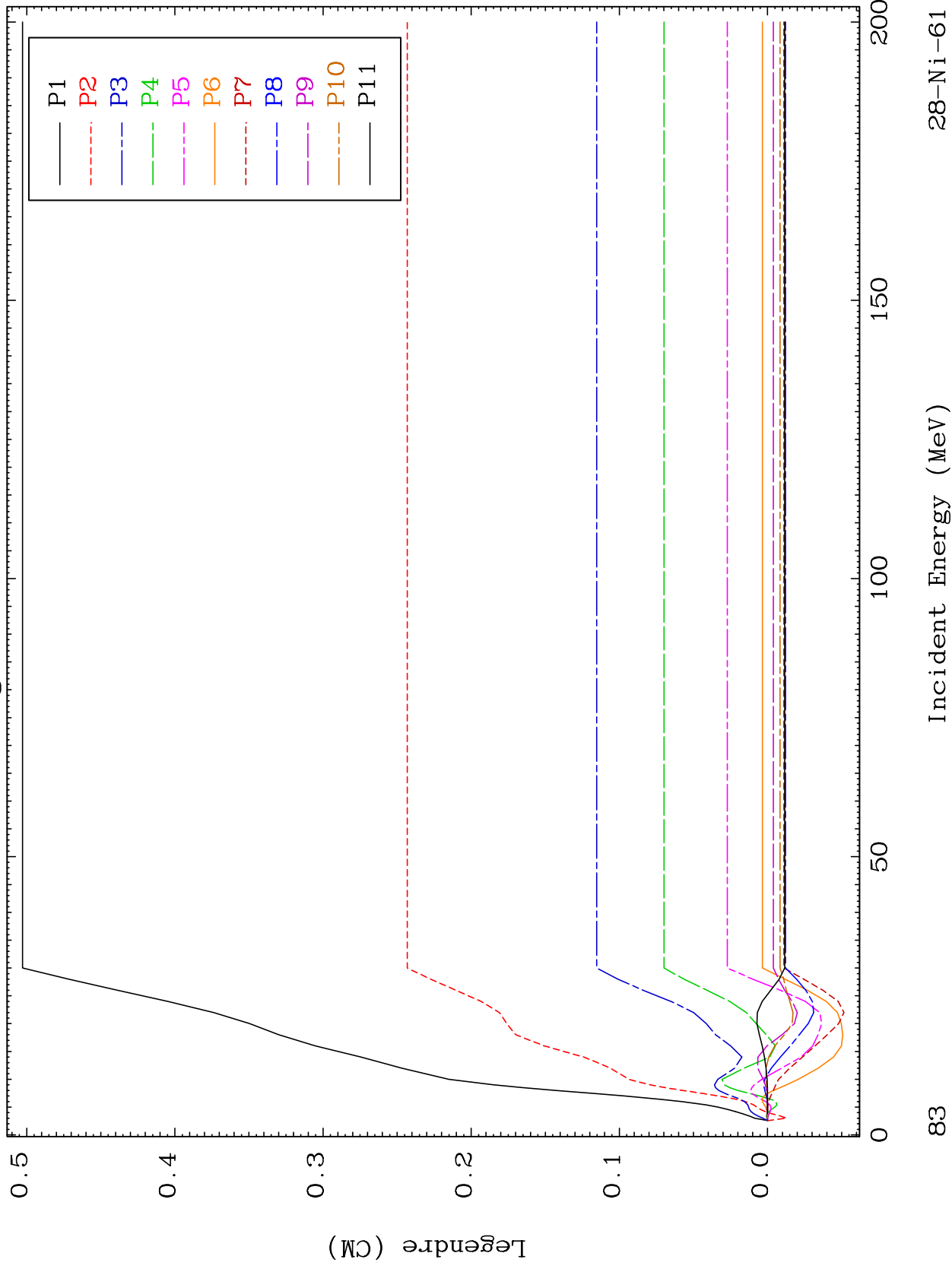
Incident Energy (MeV)

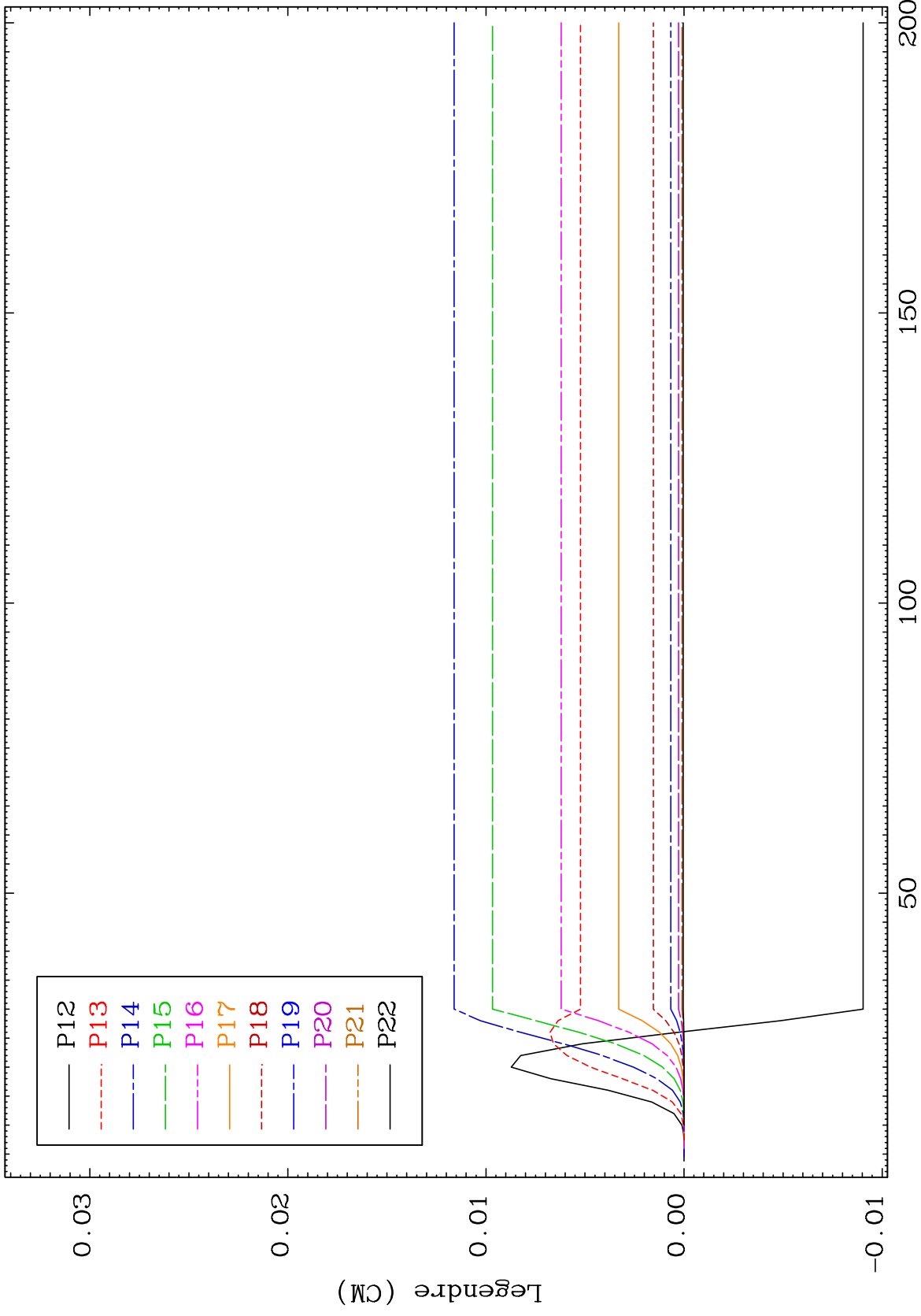
28-Ni-61

MAT 2834

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

28-Ni-61

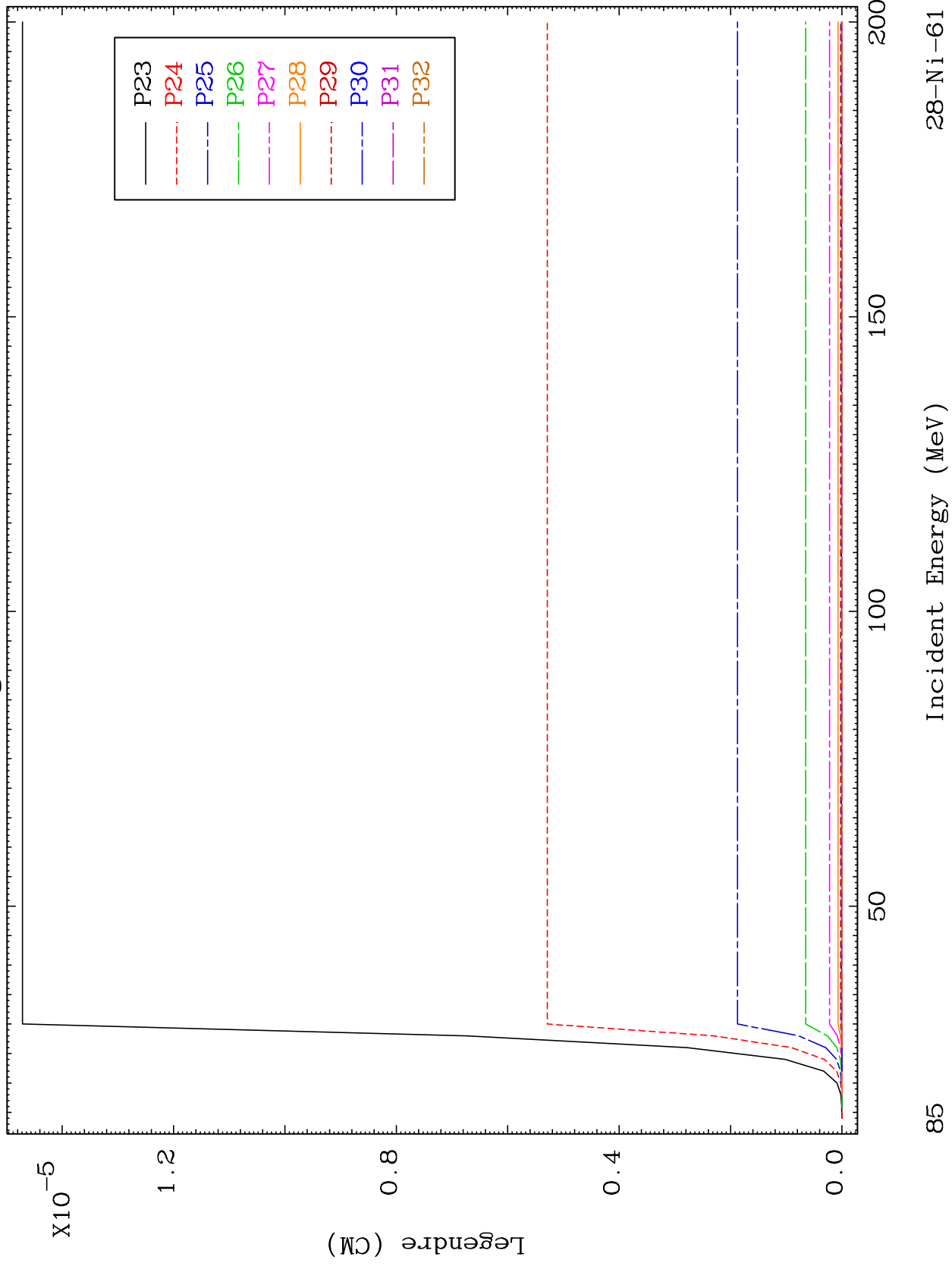




MAT 2834

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

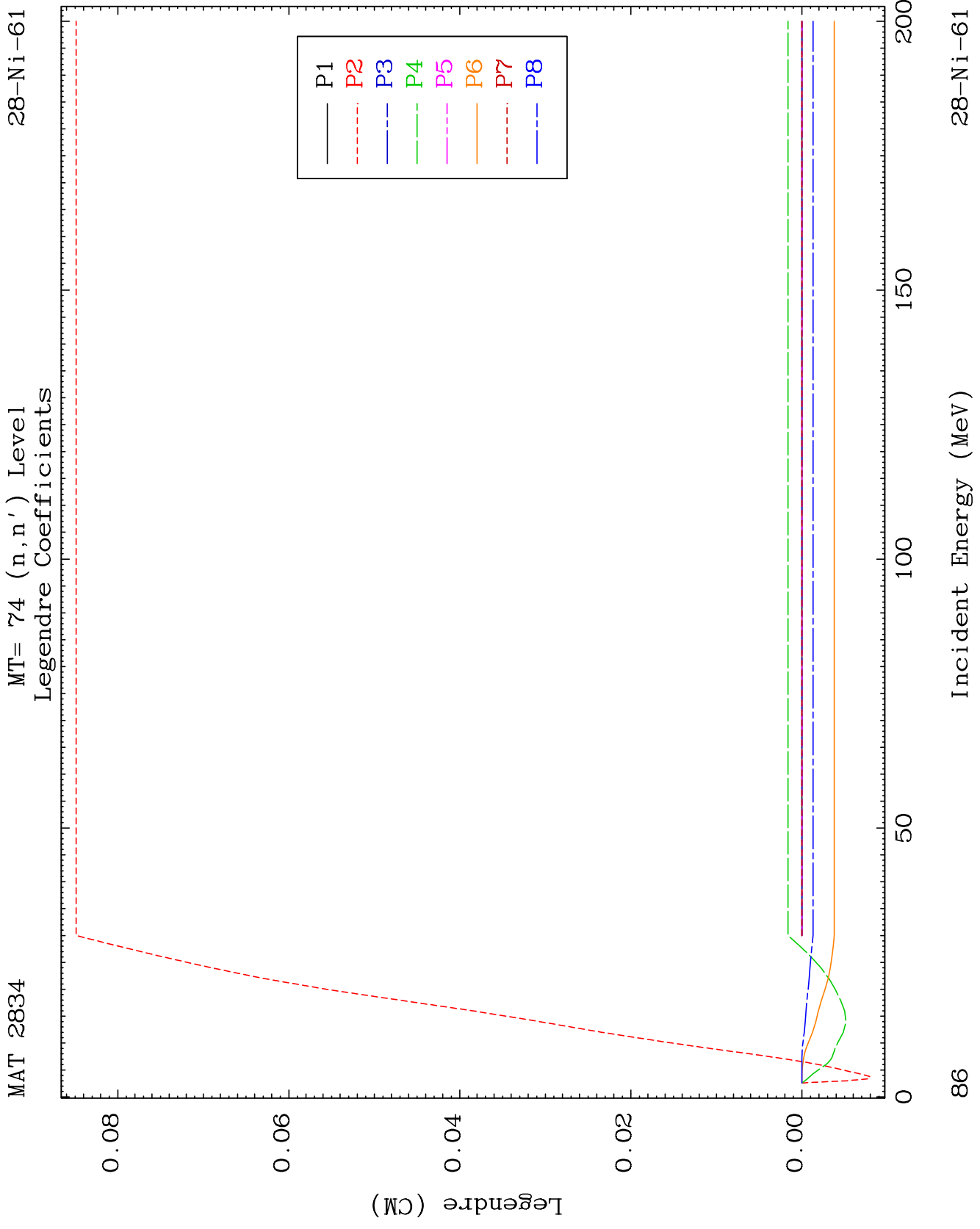
28-Ni-61



85

Incident Energy (MeV)

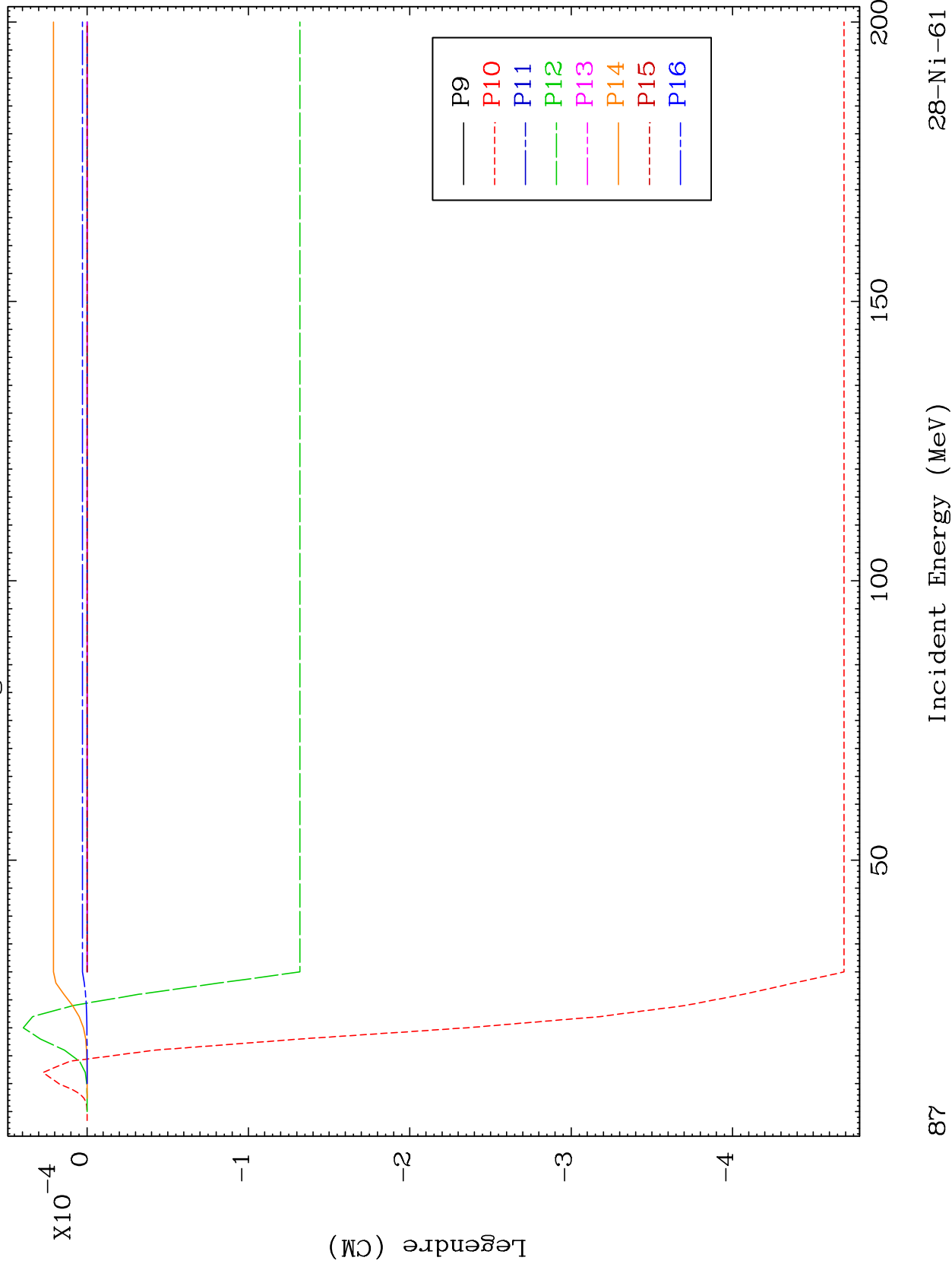
28-Ni-61



MAT 2834

28-Ni-61

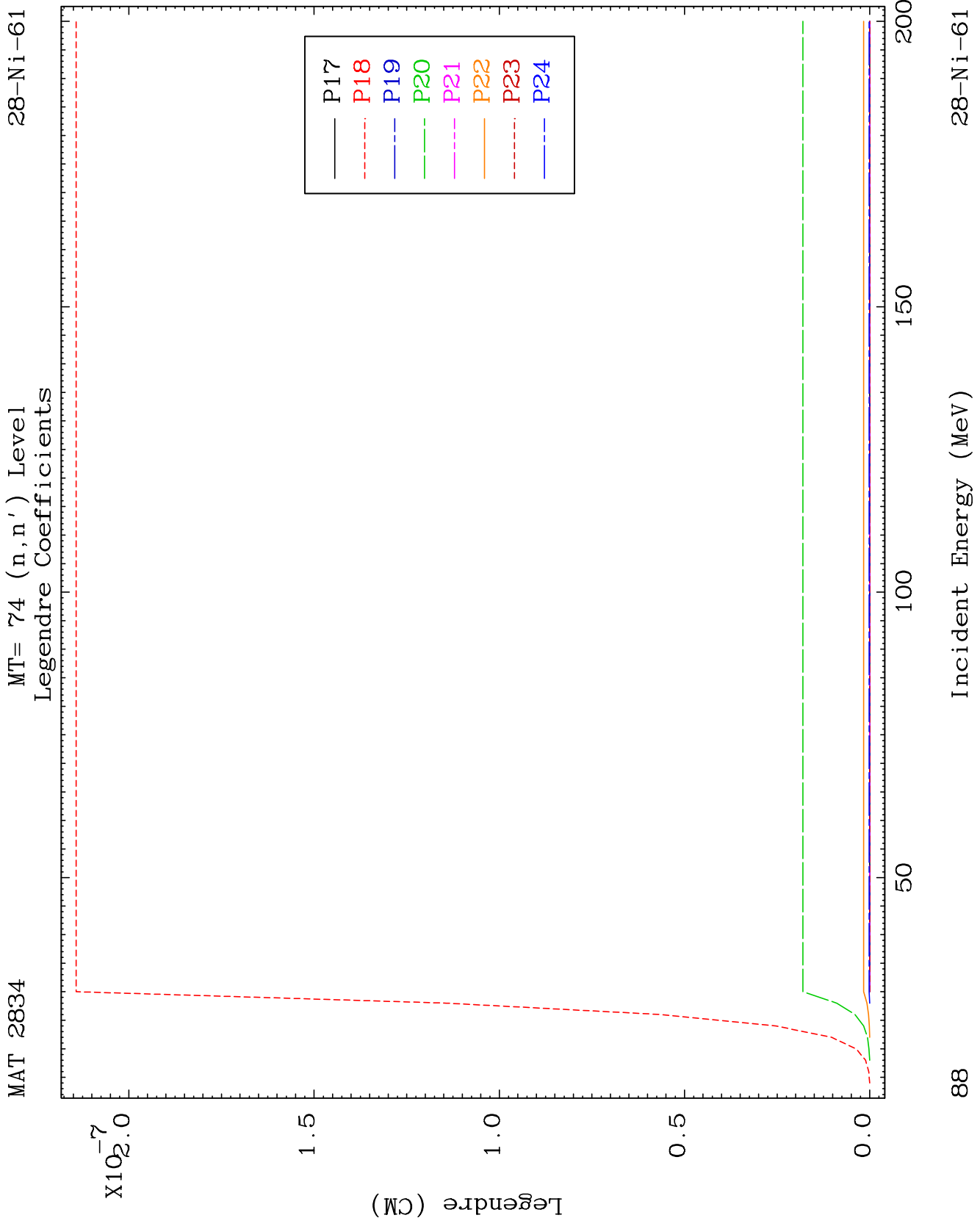
MT= 74 (n,n') Level
Legendre Coefficients



87

Incident Energy (MeV)

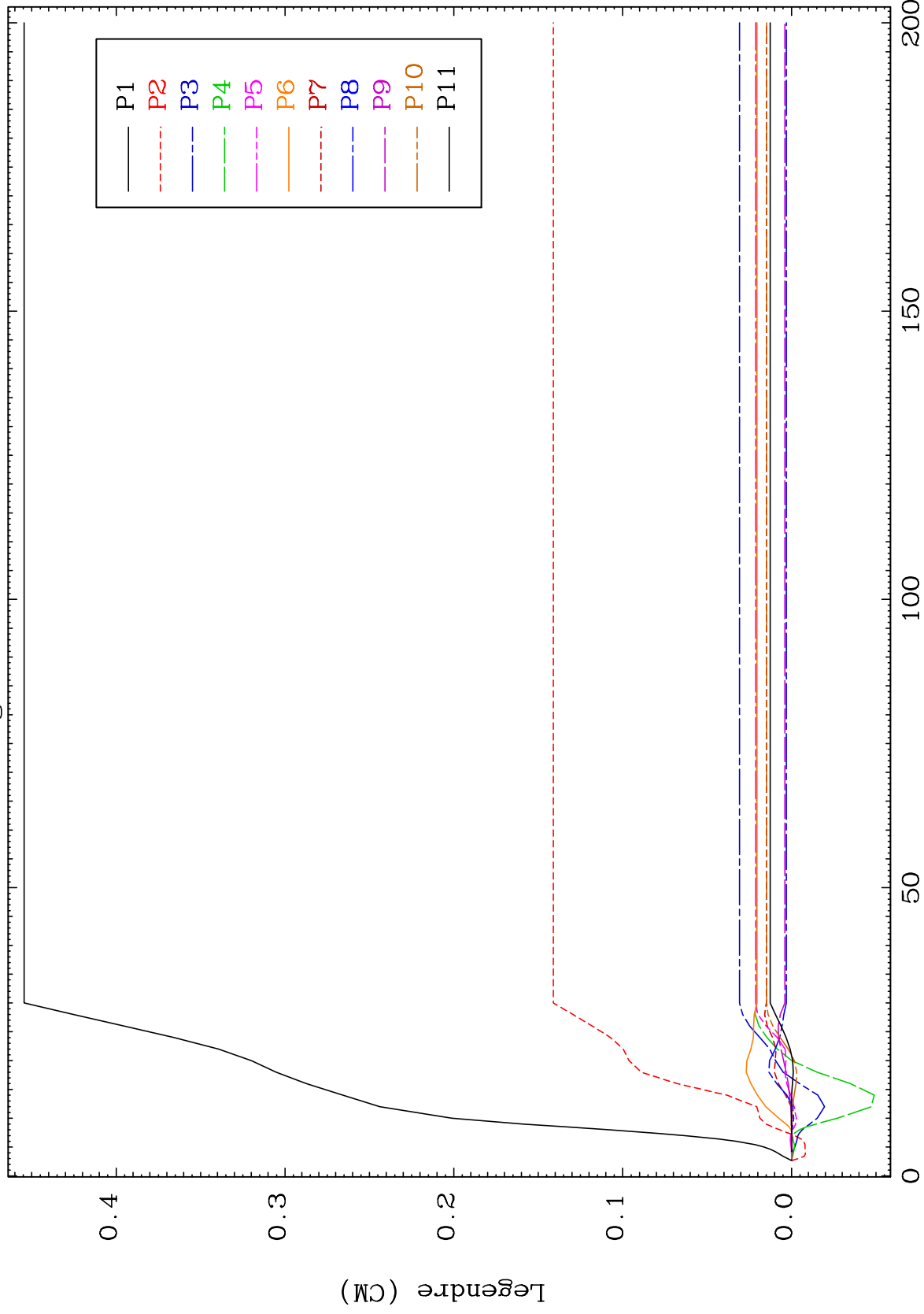
28-Ni-61



MAT 2834

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

28-Ni-61



89

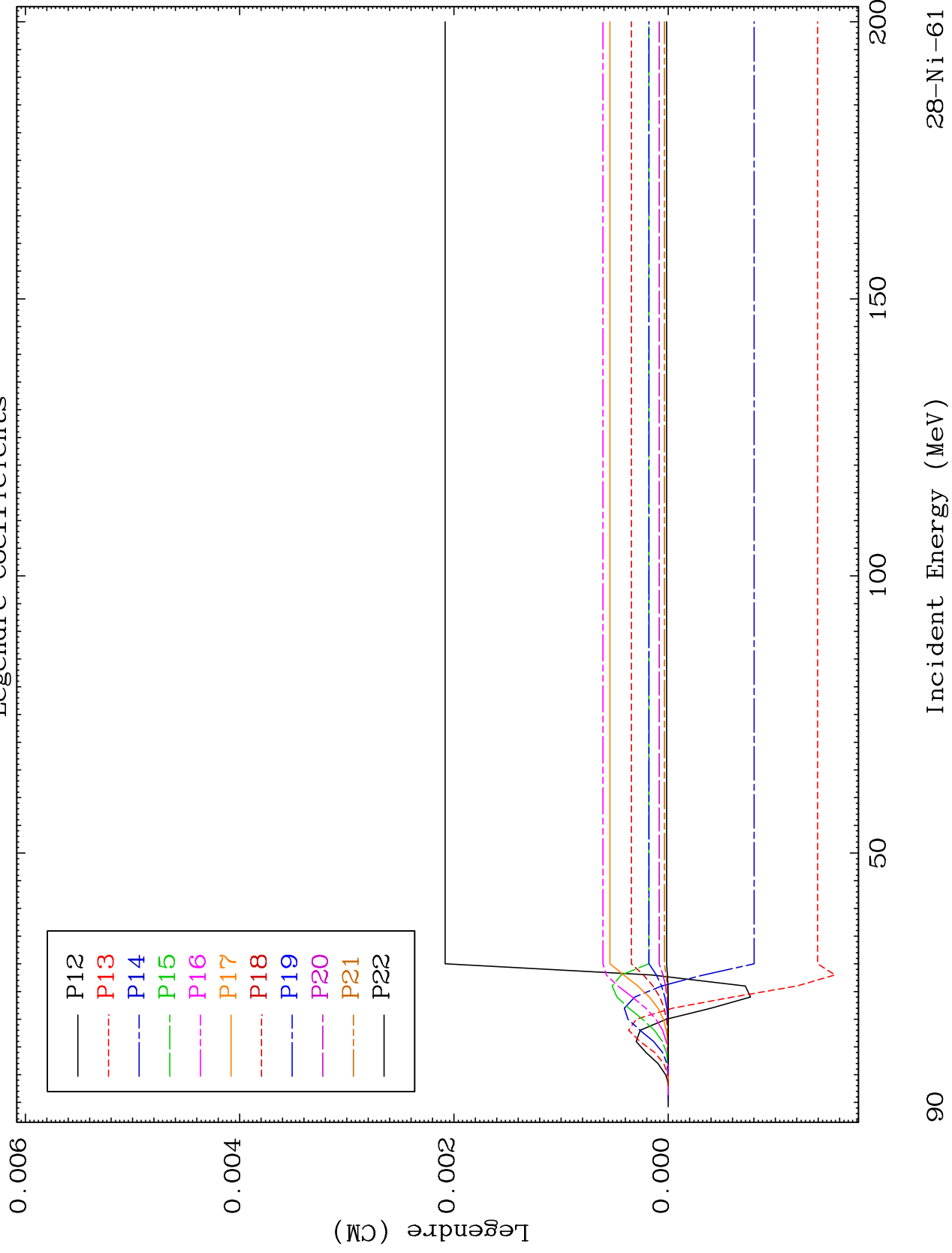
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



90

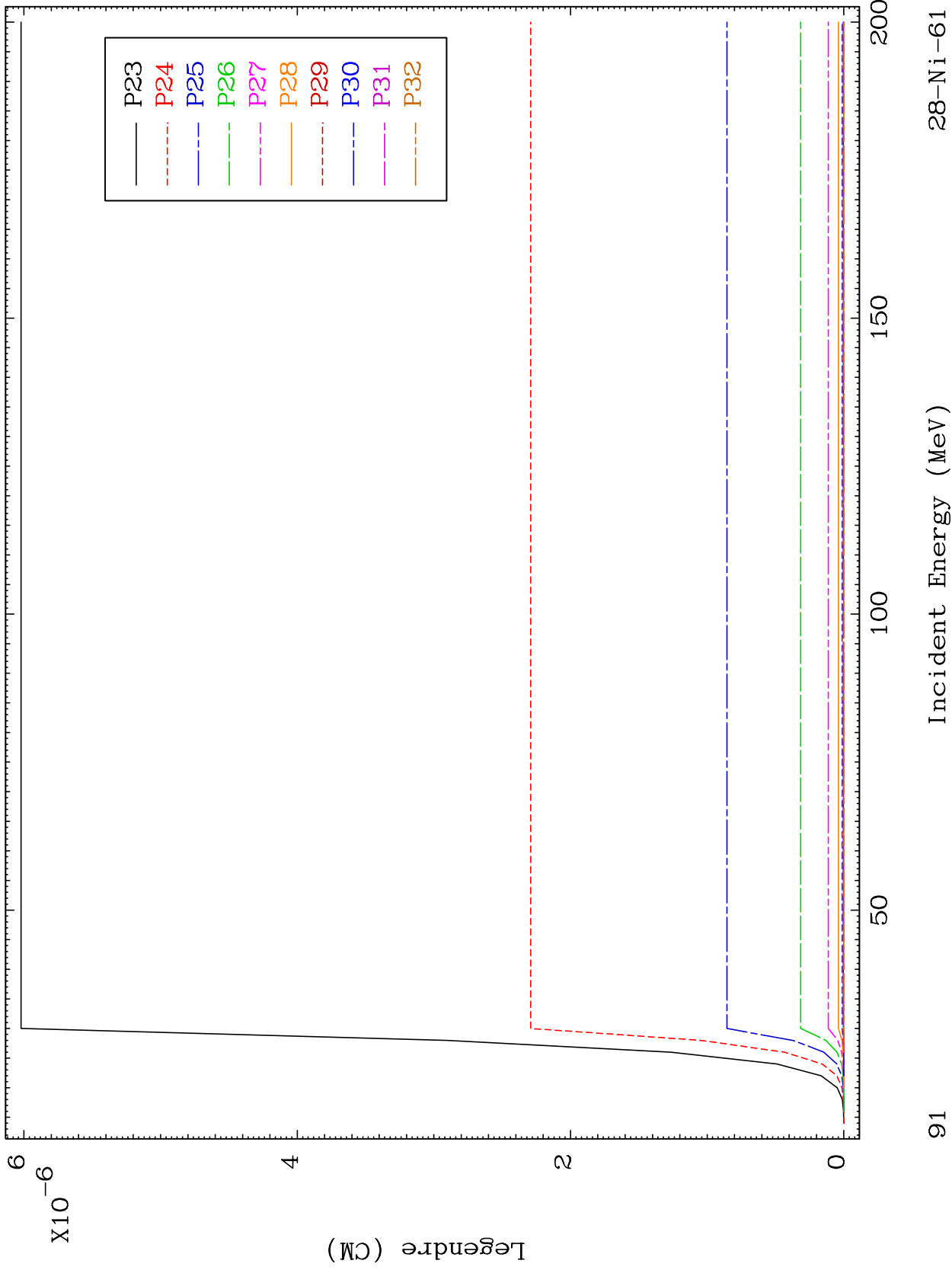
Incident Energy (MeV)

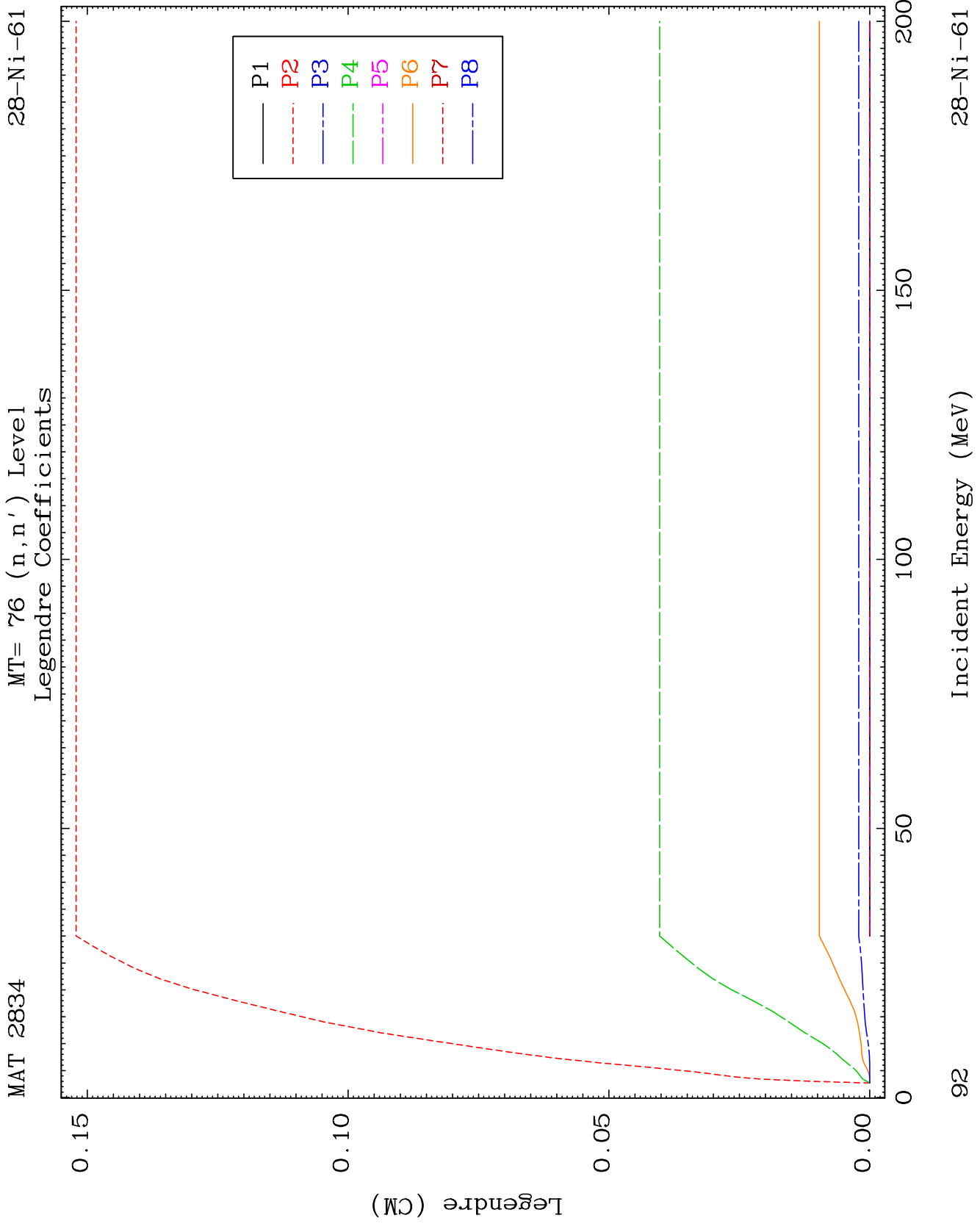
28-Ni-61

MAT 2834

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

28-Ni-61



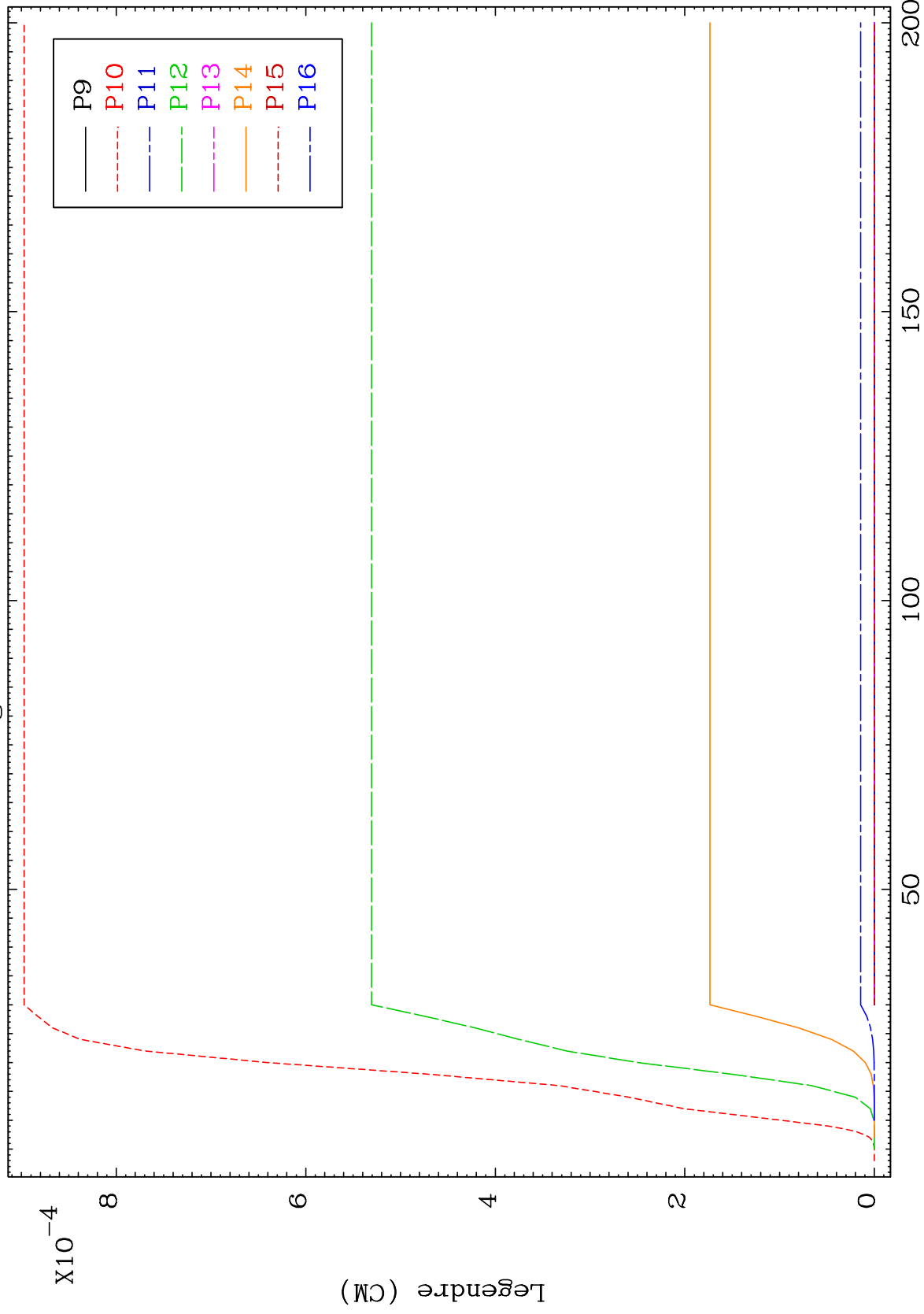


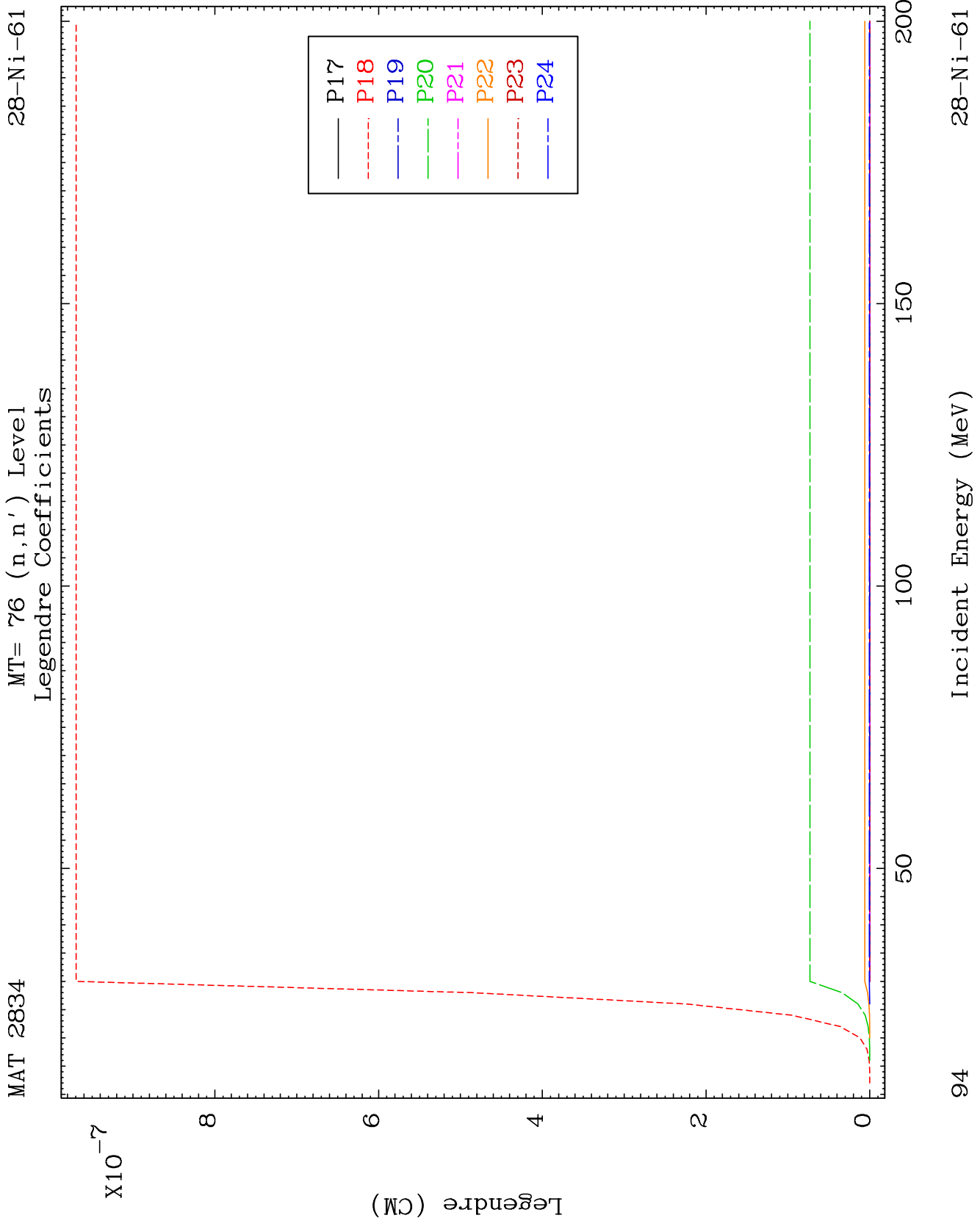
MAT 2834

MT= 76 (n,n') Level

28-Ni-61

Legendre Coefficients

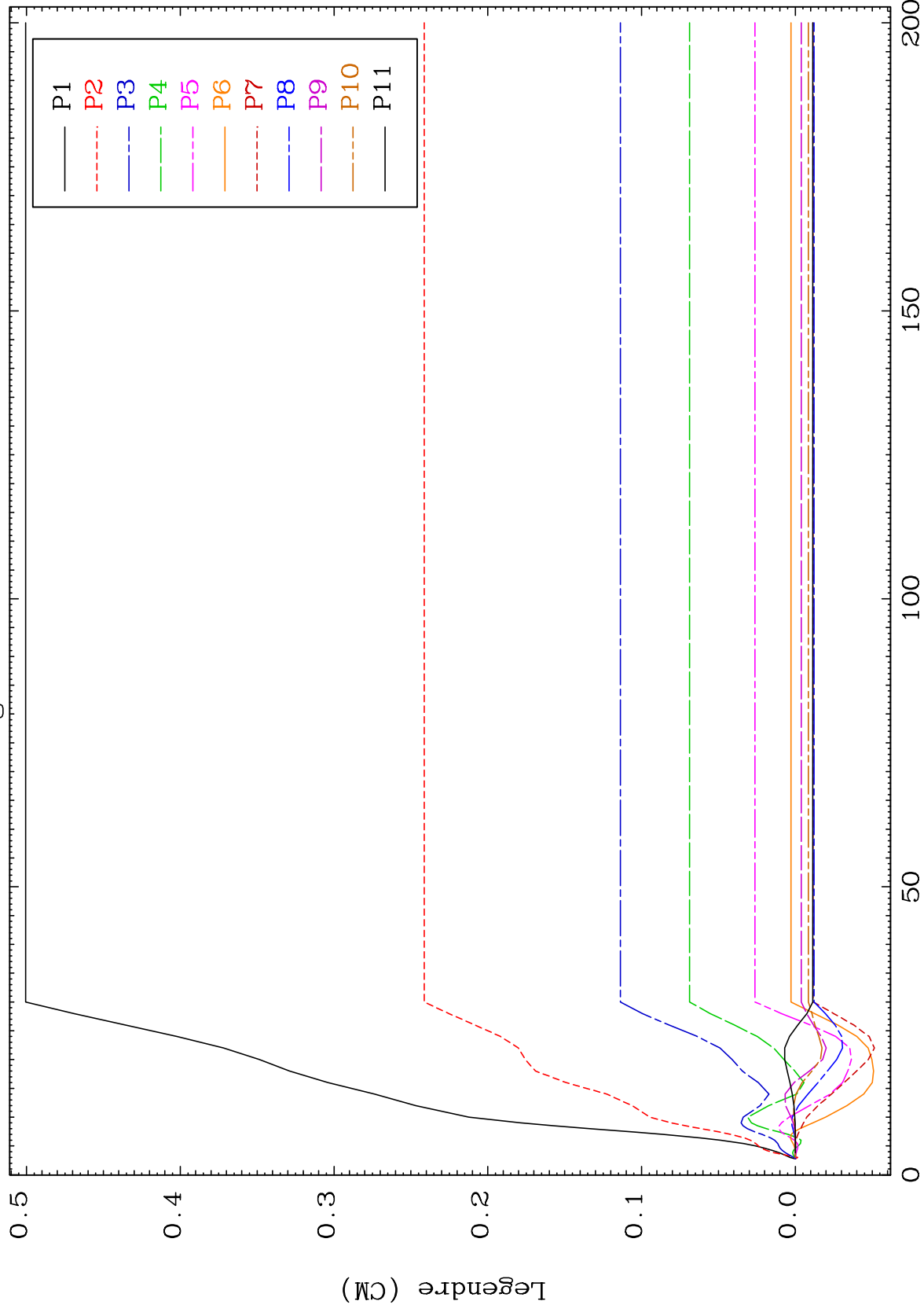




MAT 2834

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

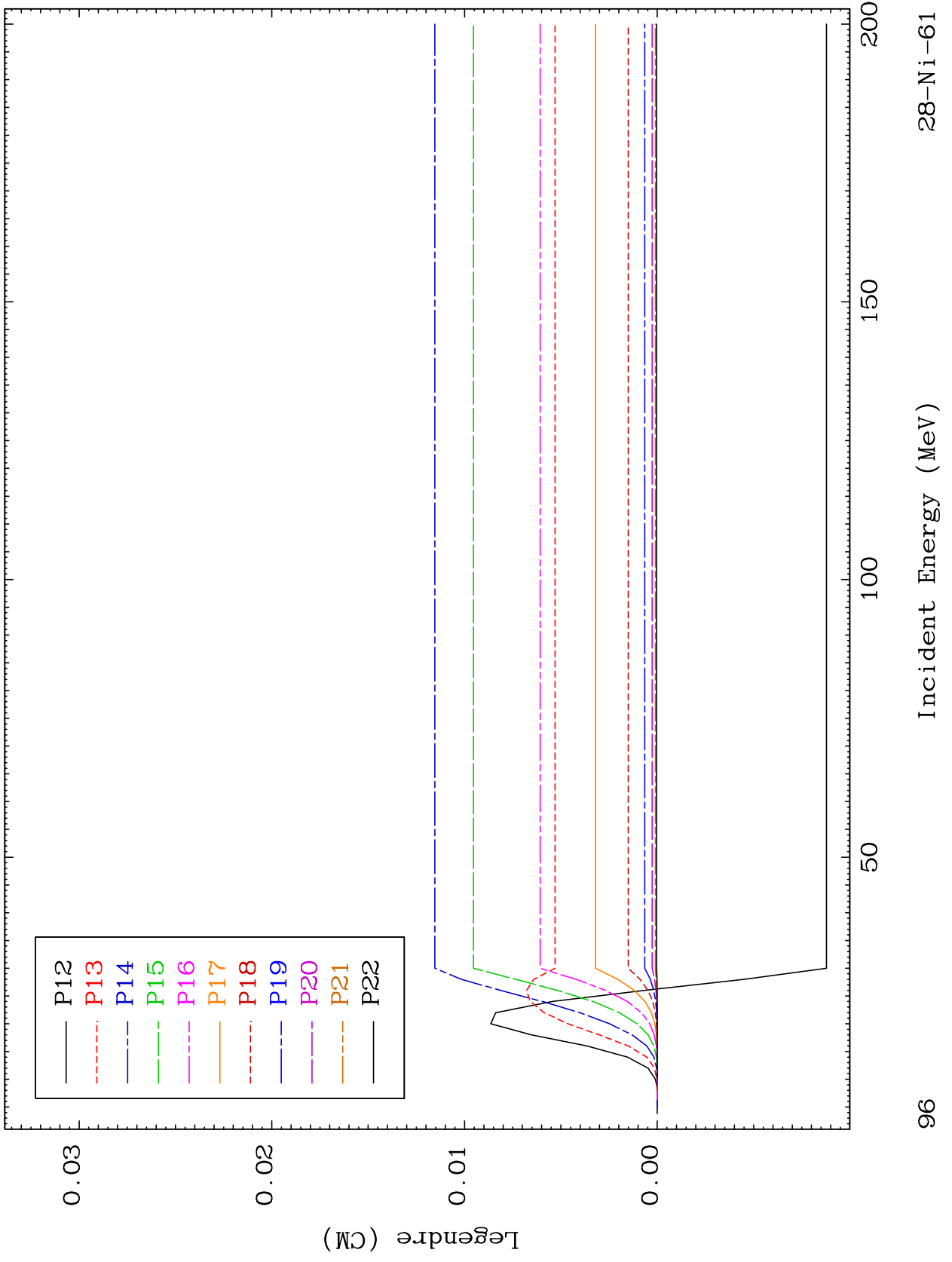
28-Ni-61



95

Incident Energy (MeV)

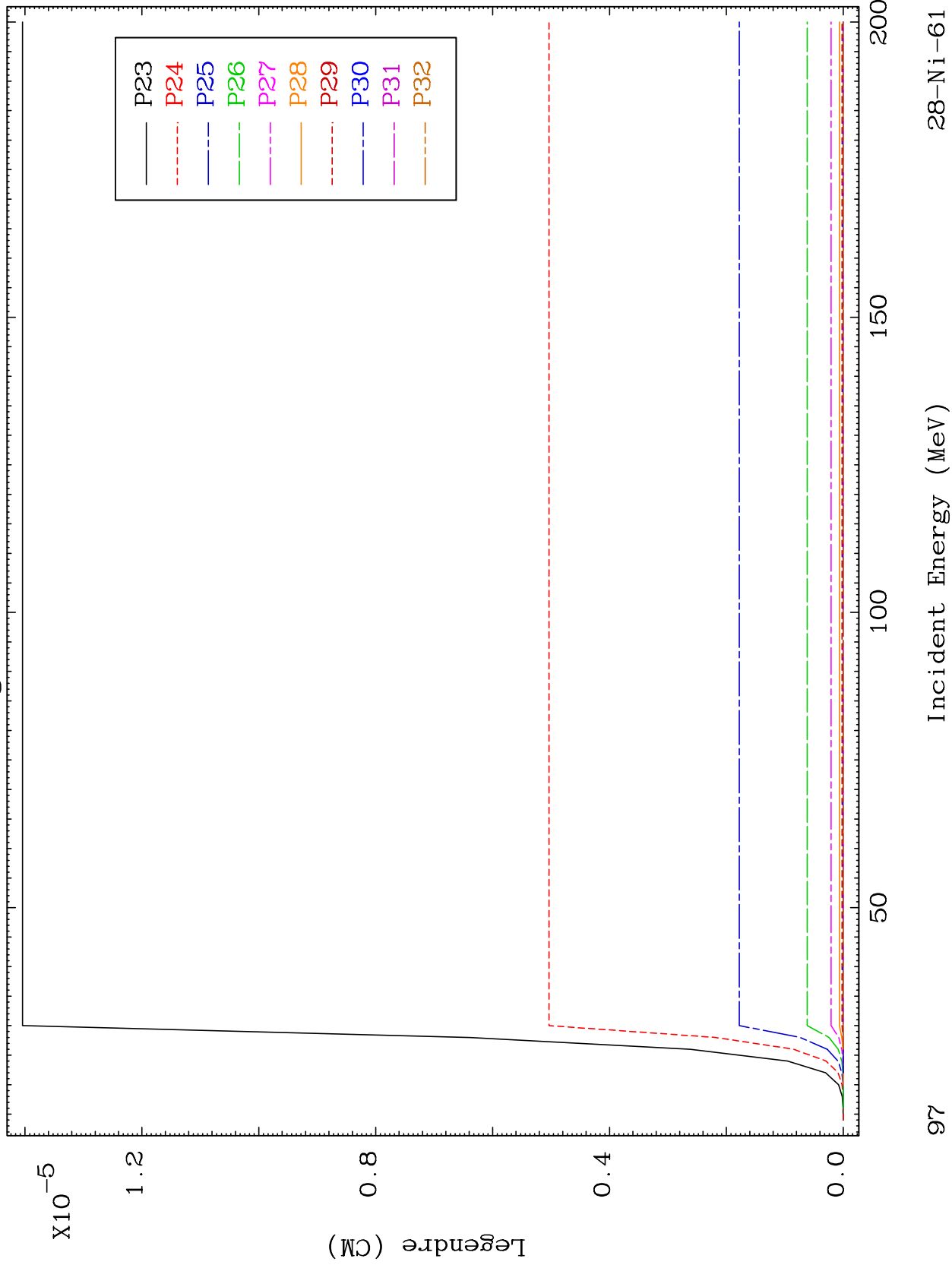
28-Ni-61

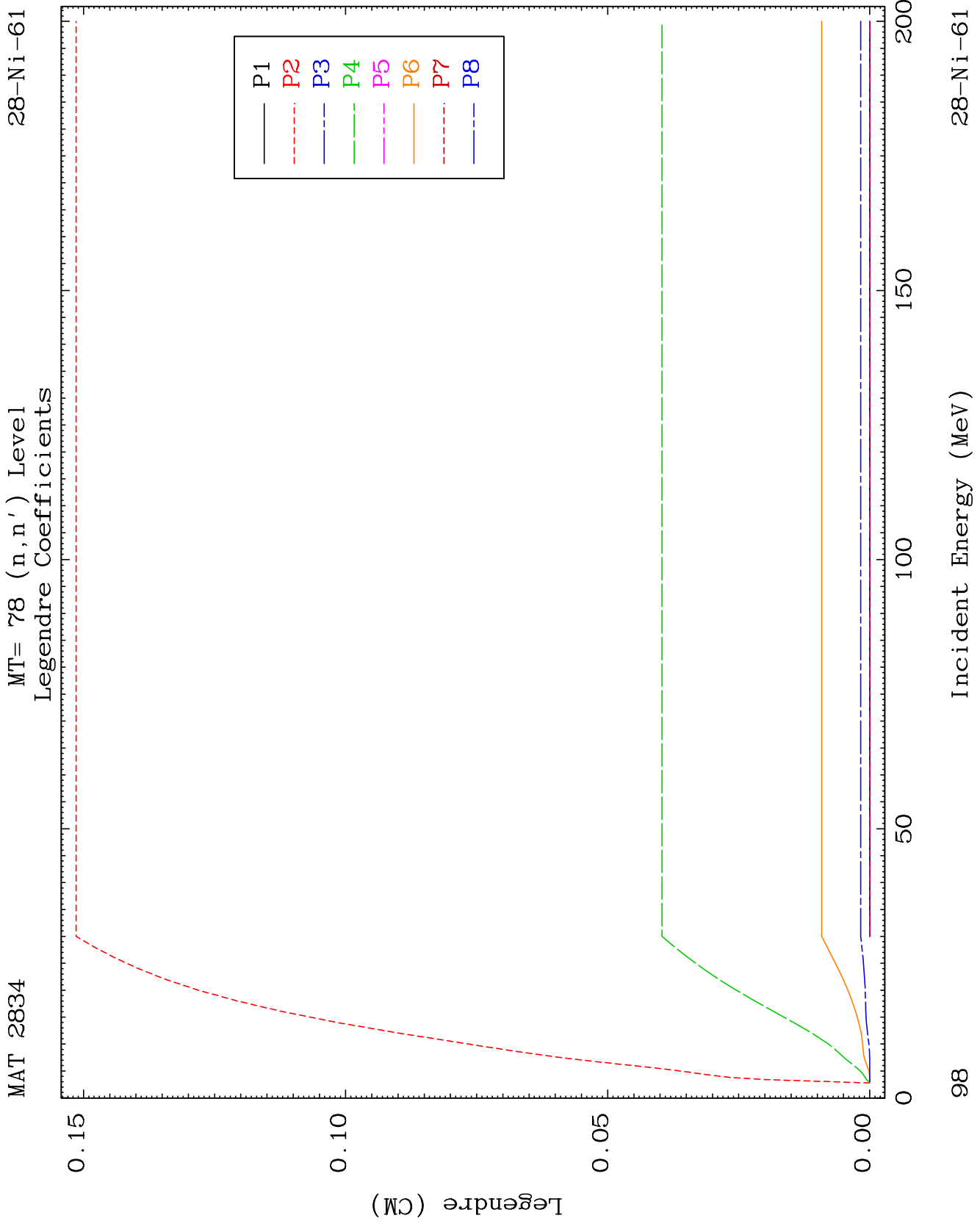


MAT 2834

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

28-Ni-61

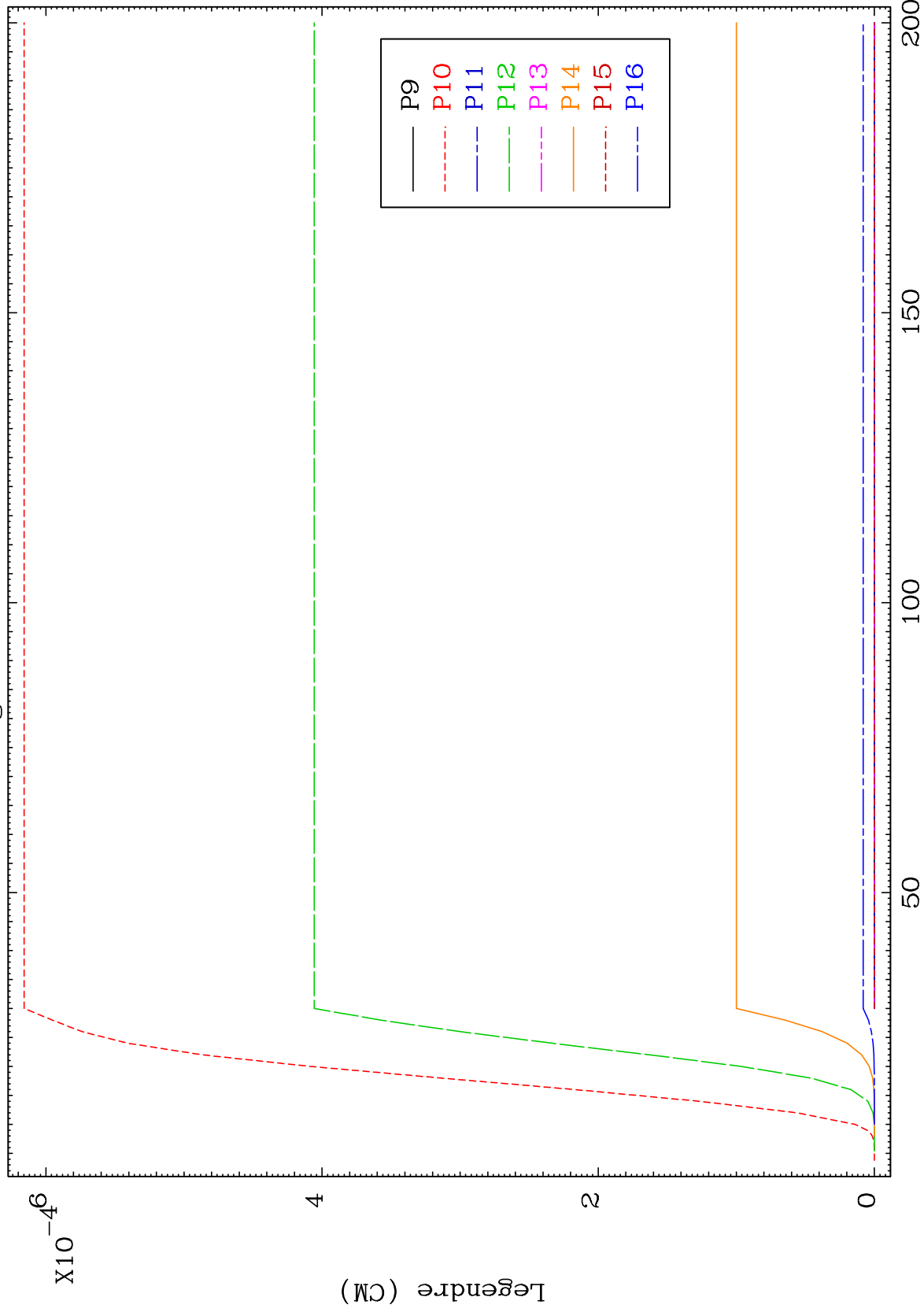


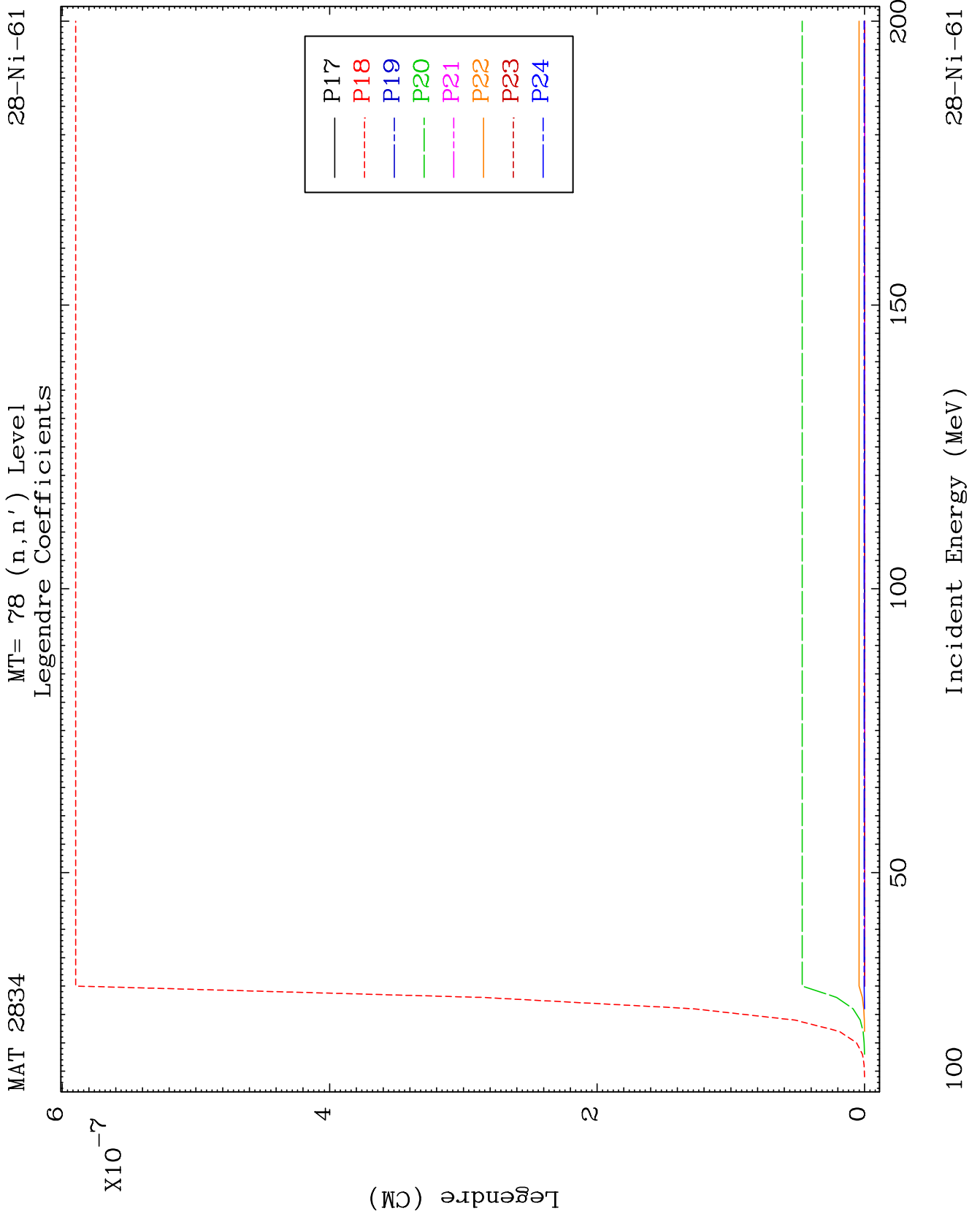


MAT 2834

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

28-Ni-61

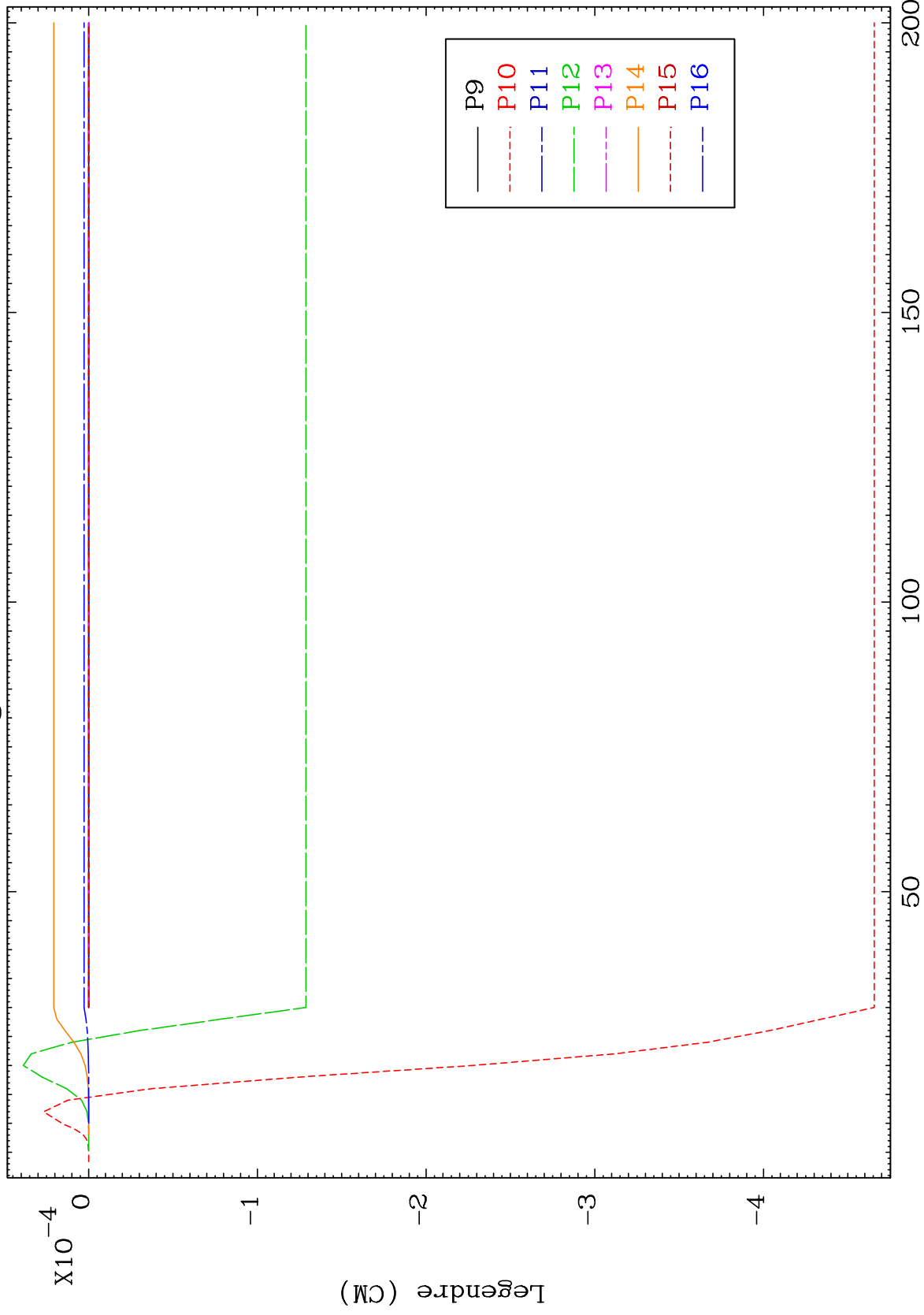




MAT 2834

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

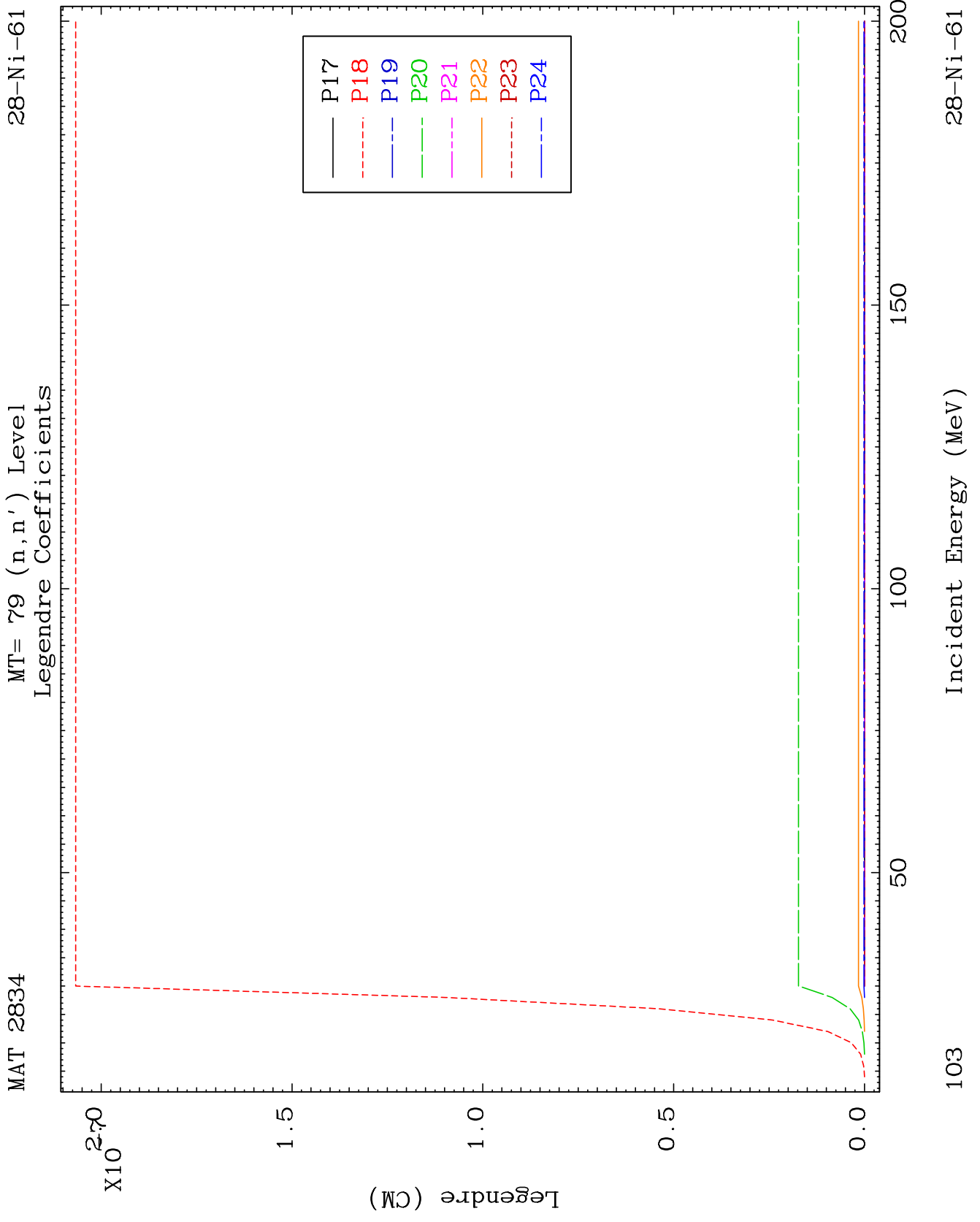
28-Ni-61

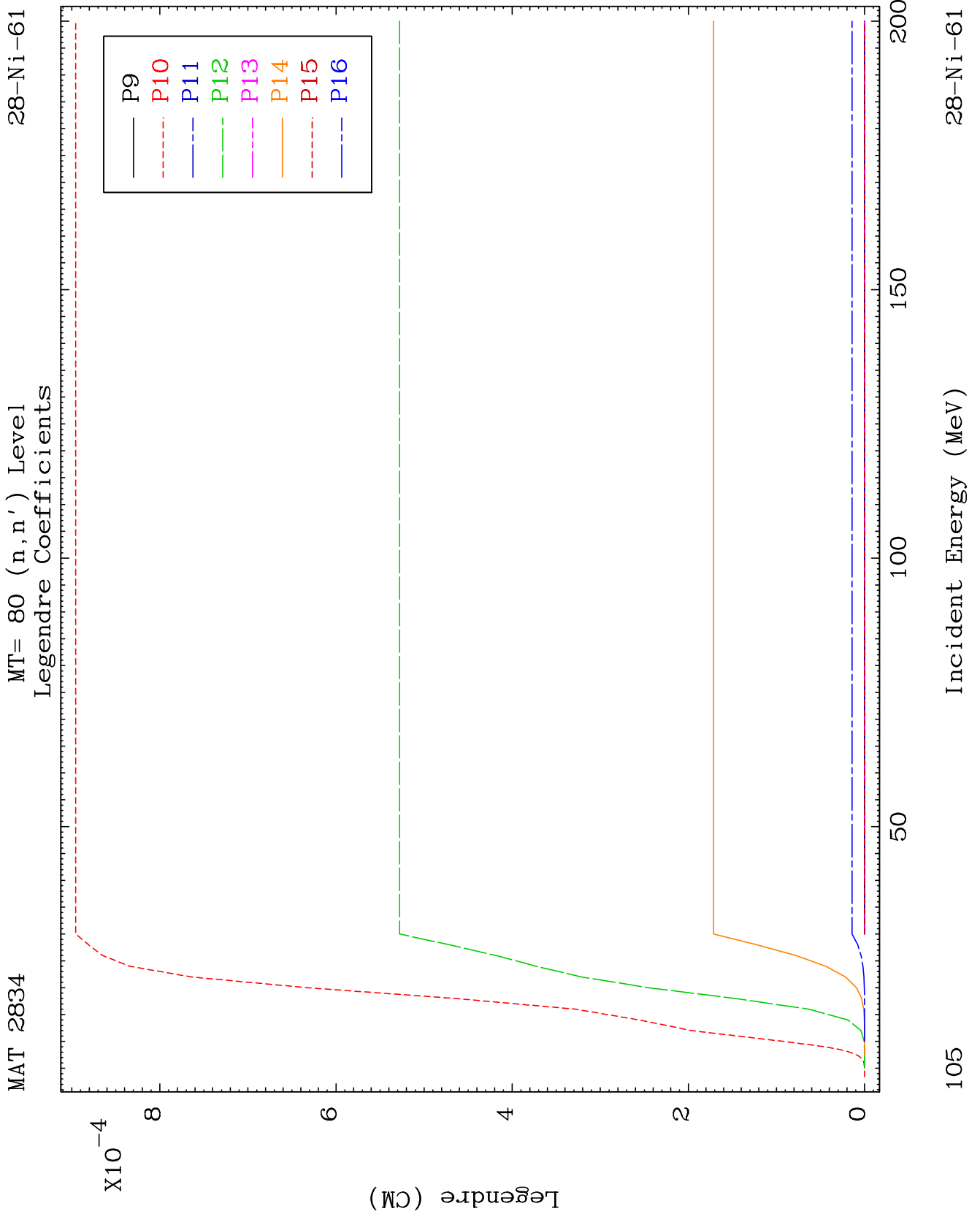


102

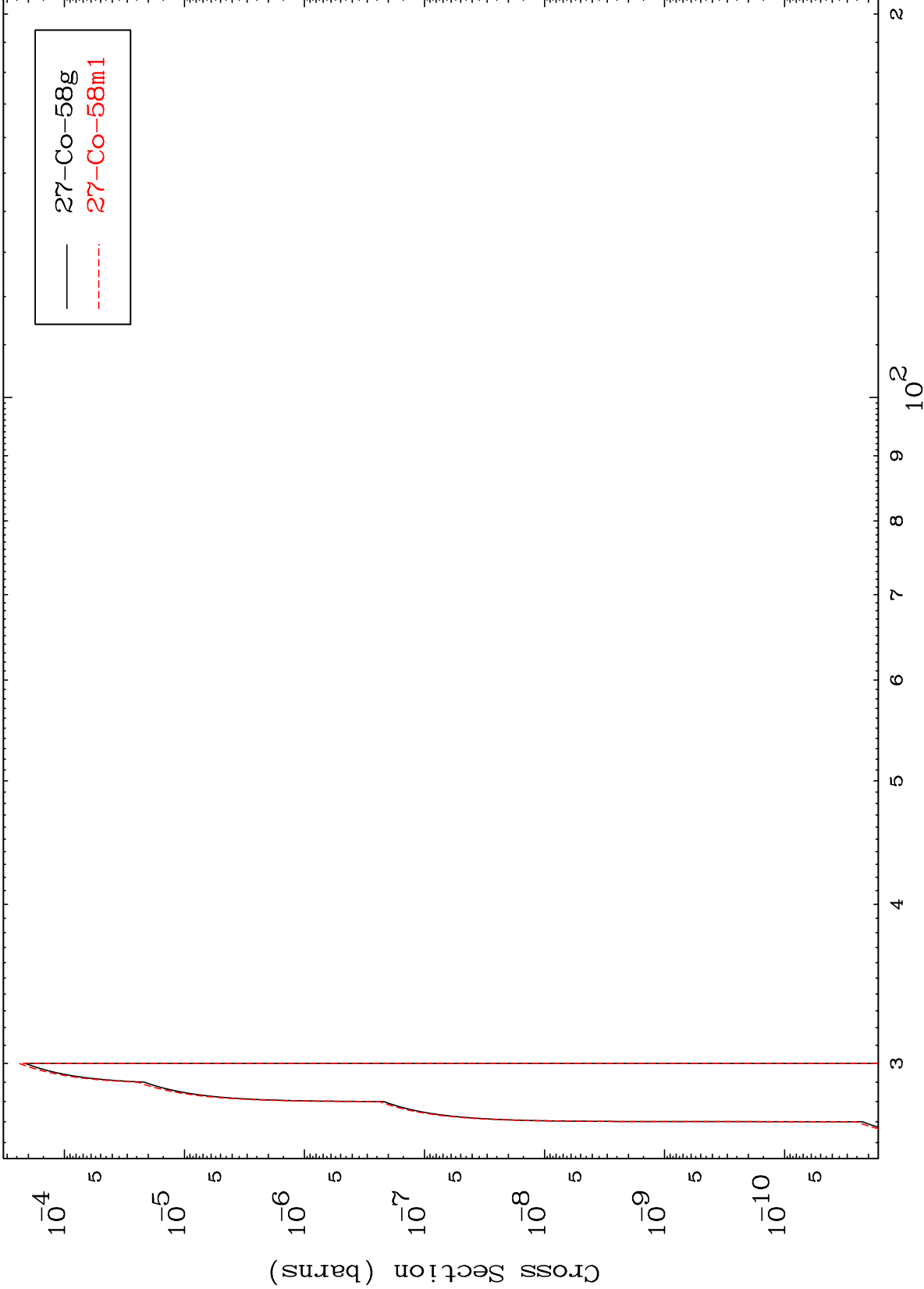
Incident Energy (MeV)

28-Ni-61





Radionuclide Production Cross Section



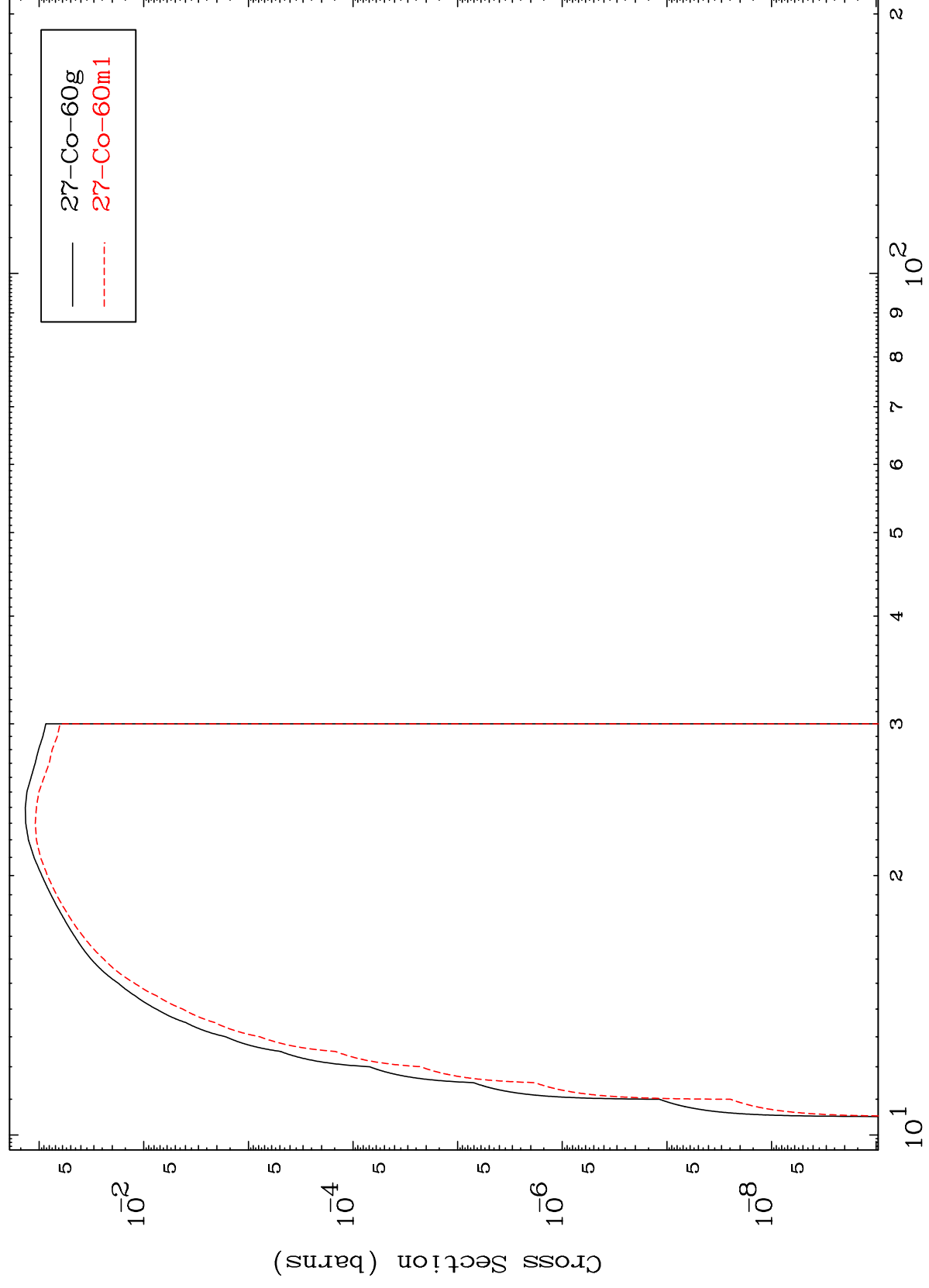
— 27-Co-58g
- - - 27-Co-58m1

MAT 2834

(n,n') p

28-Ni-61

Radionuclide Production Cross Section



27-Co-60g
27-Co-60m1

Incident Energy (MeV)

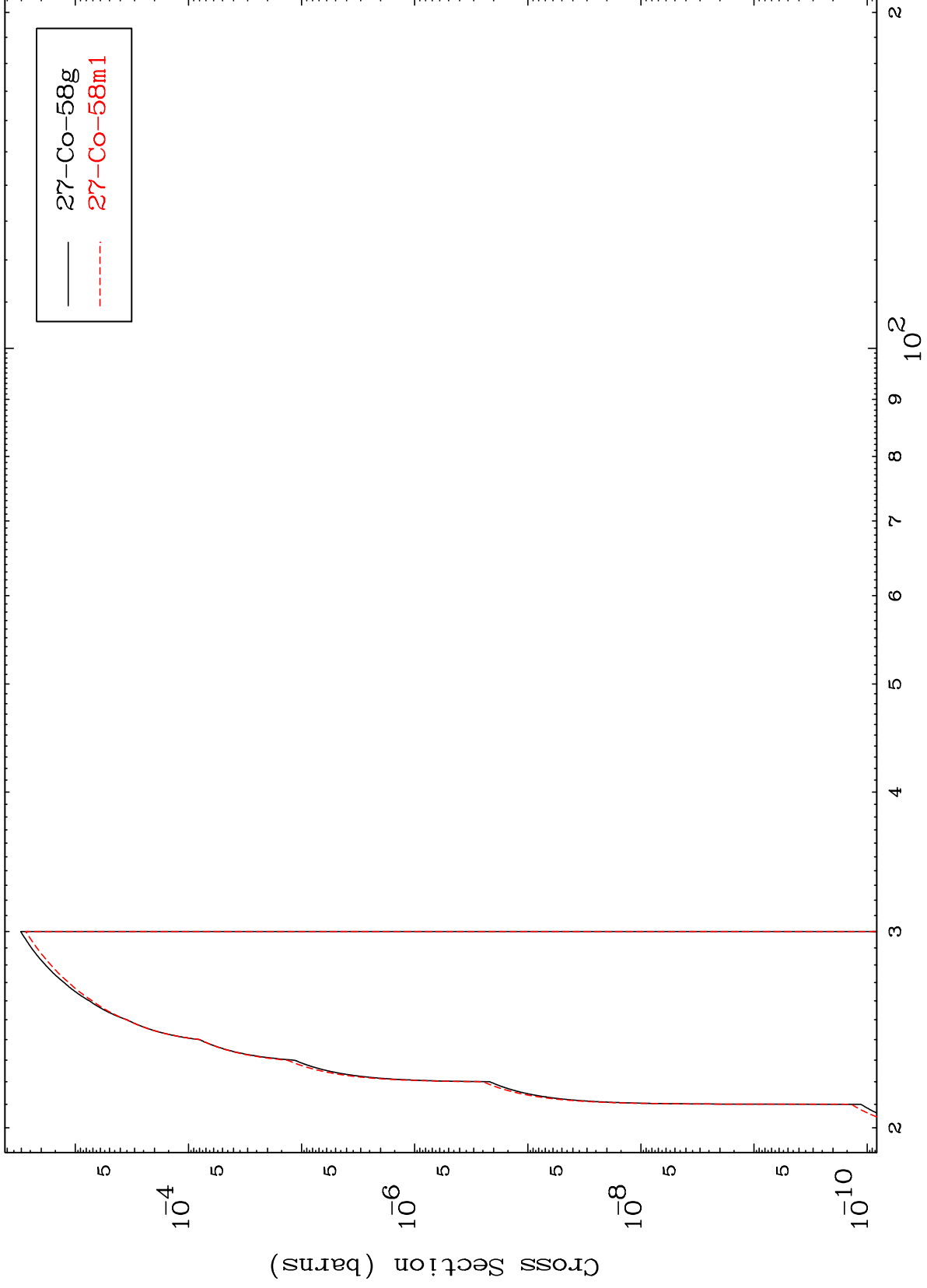
28-Ni-61

MAT 2834

(n,n') t

28-Ni-61

Radionuclide Production Cross Section



109

Incident Energy (MeV)

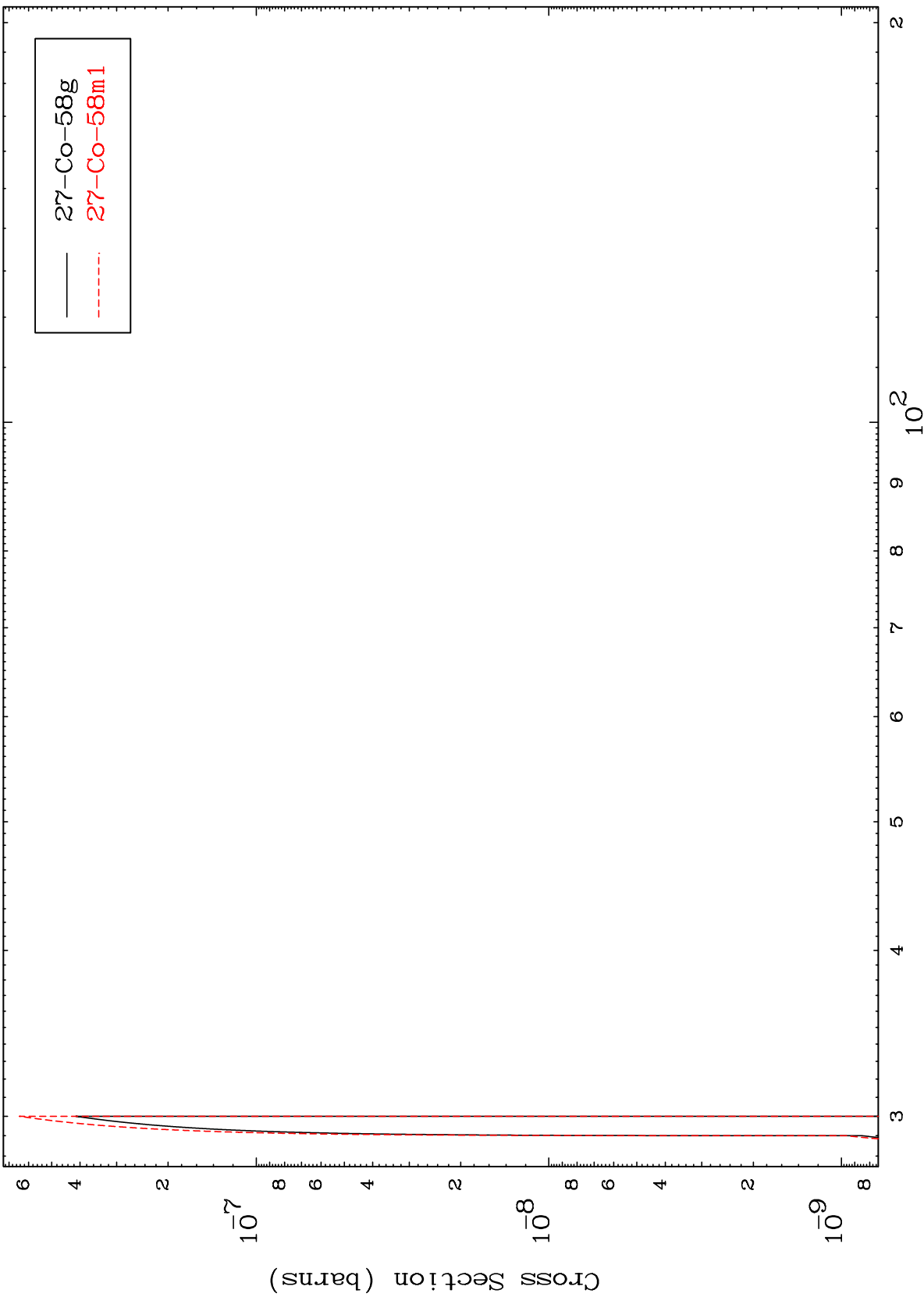
28-Ni-61

MAT 2834

(n,3n) p

28-Ni-61

Radionuclide Production Cross Section



27-Co-58g
27-Co-58m1

110

Incident Energy (MeV)

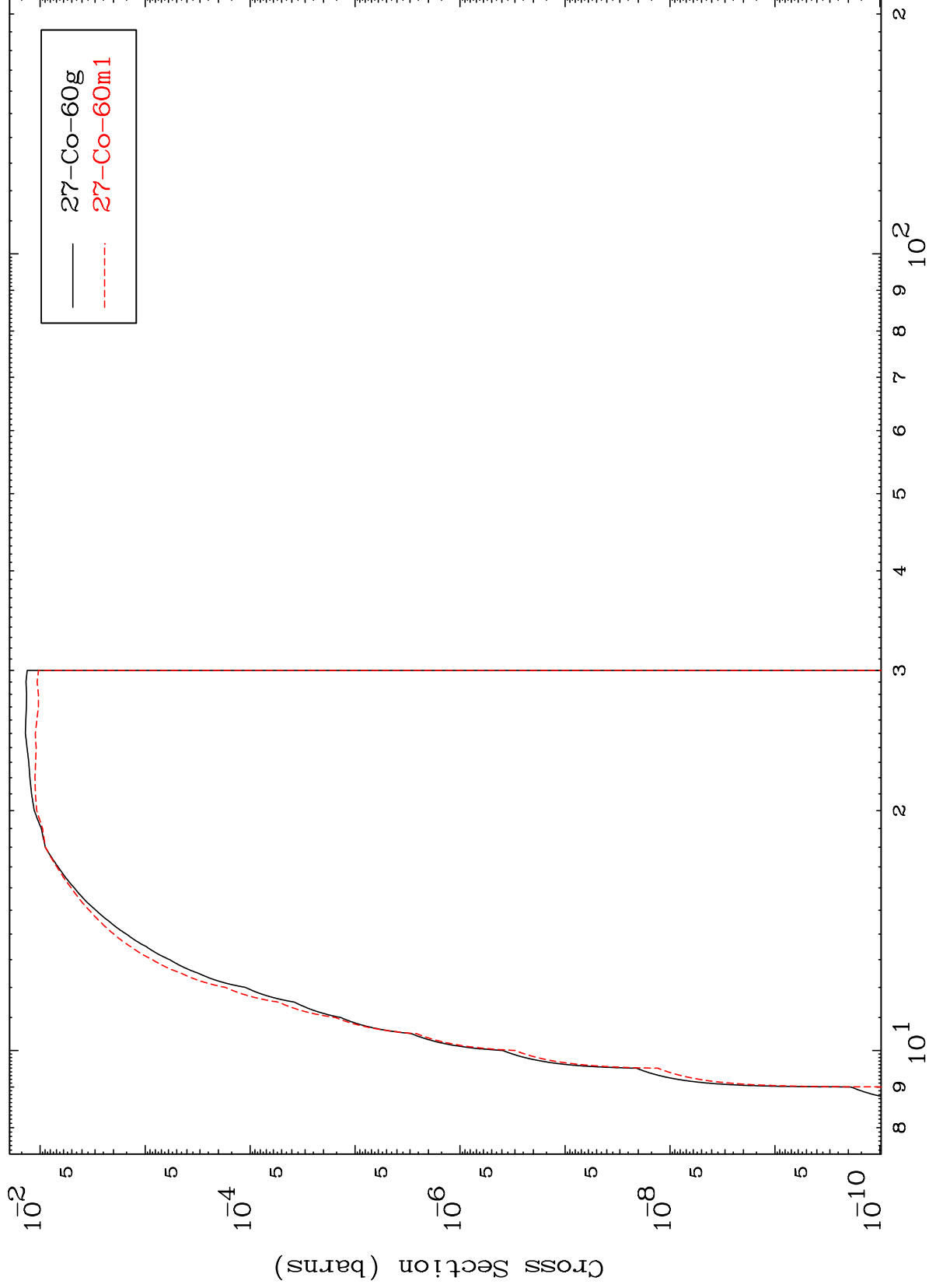
28-Ni-61

MAT 2834

(n,d)

28-Ni-61

Radionuclide Production Cross Section



111

Incident Energy (MeV)

28-Ni-61