

Program EVALPLOT
(Version 2018-1)

by

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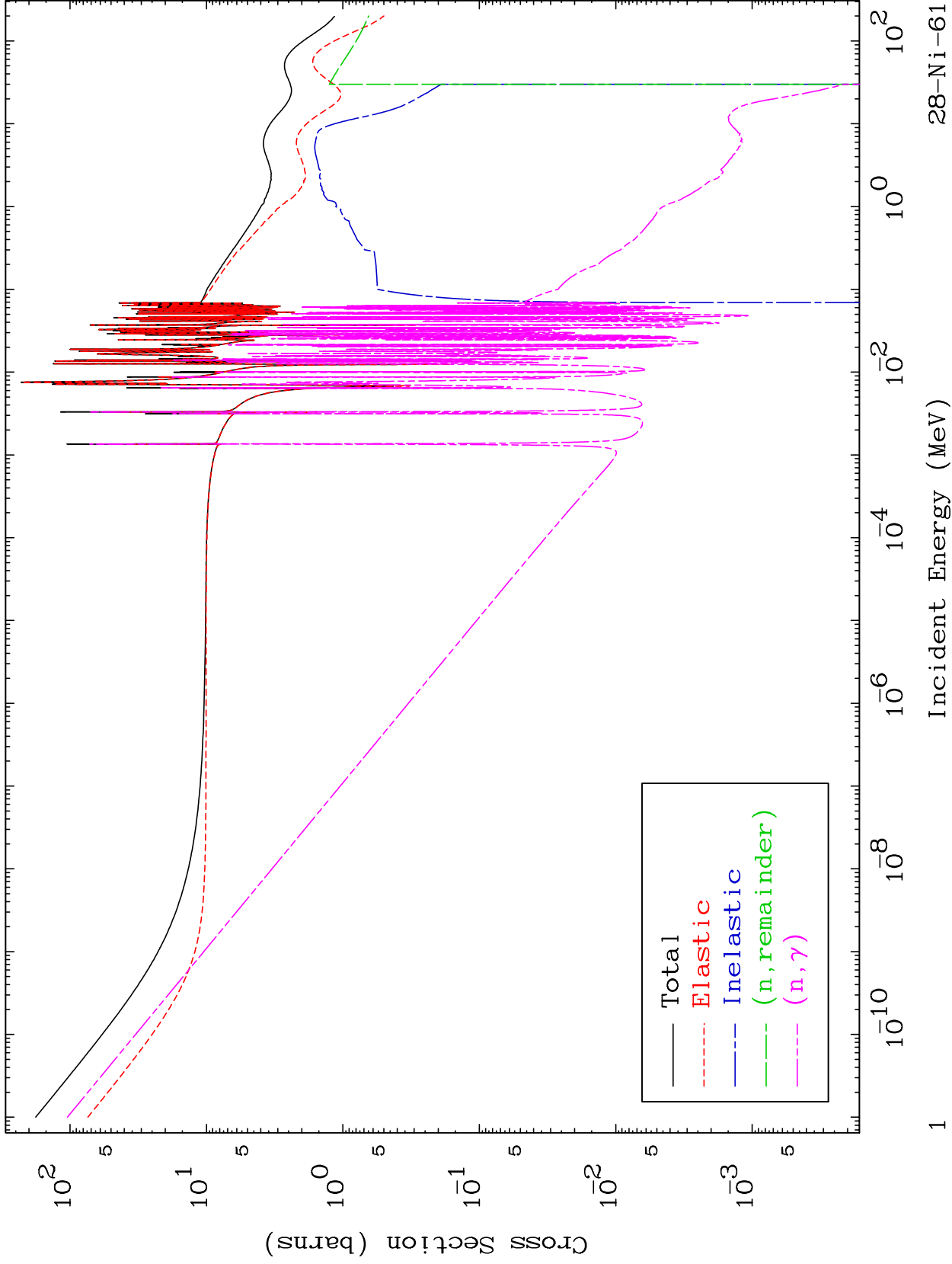
Press Mouse Button to Start

MAT 2834

Major

293 Kelvin Cross Sections

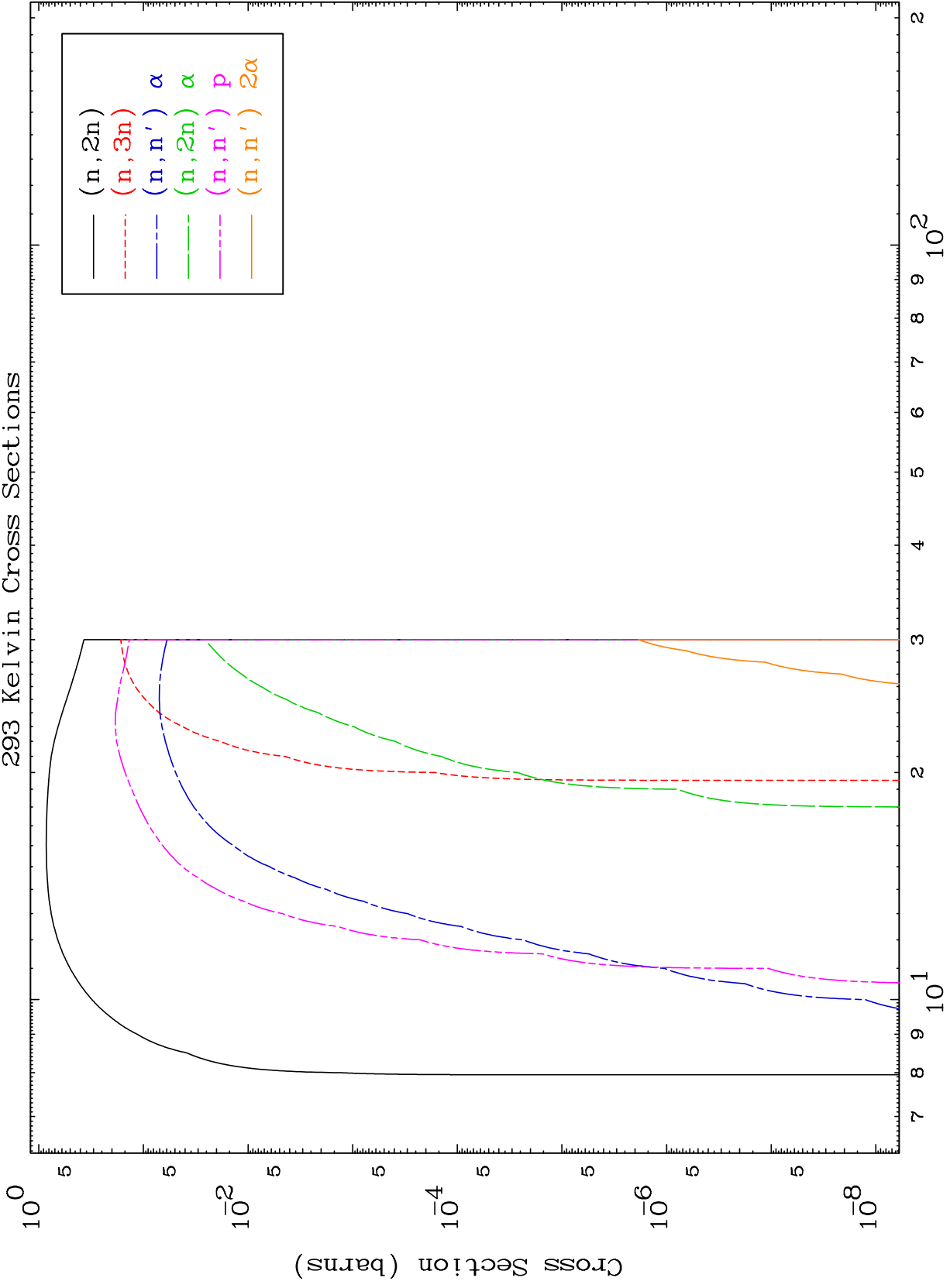
28-Ni-61



MAT 2834

Neutron Production
293 Kelvin Cross Sections

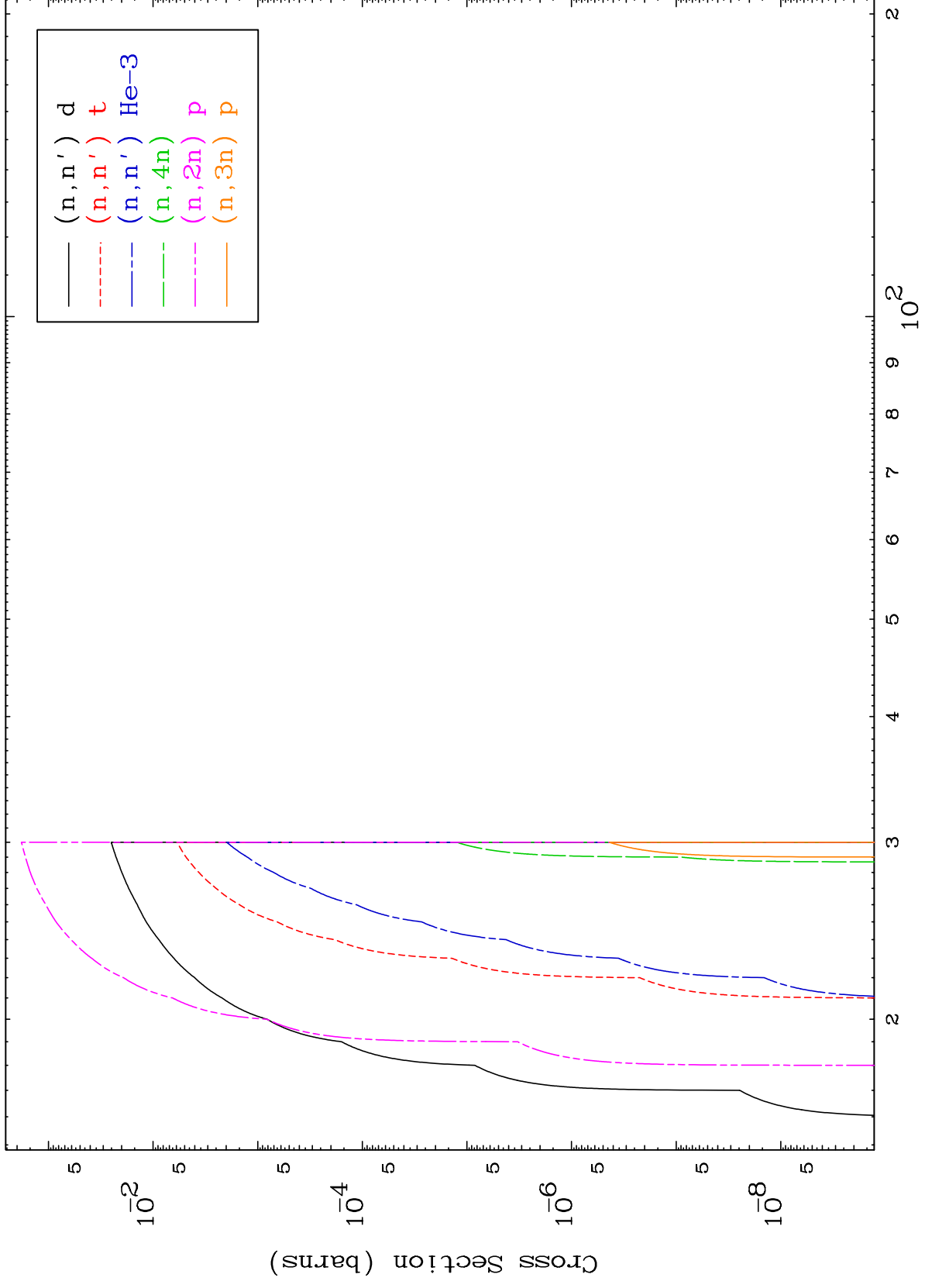
28-Ni-61



2

Incident Energy (MeV)

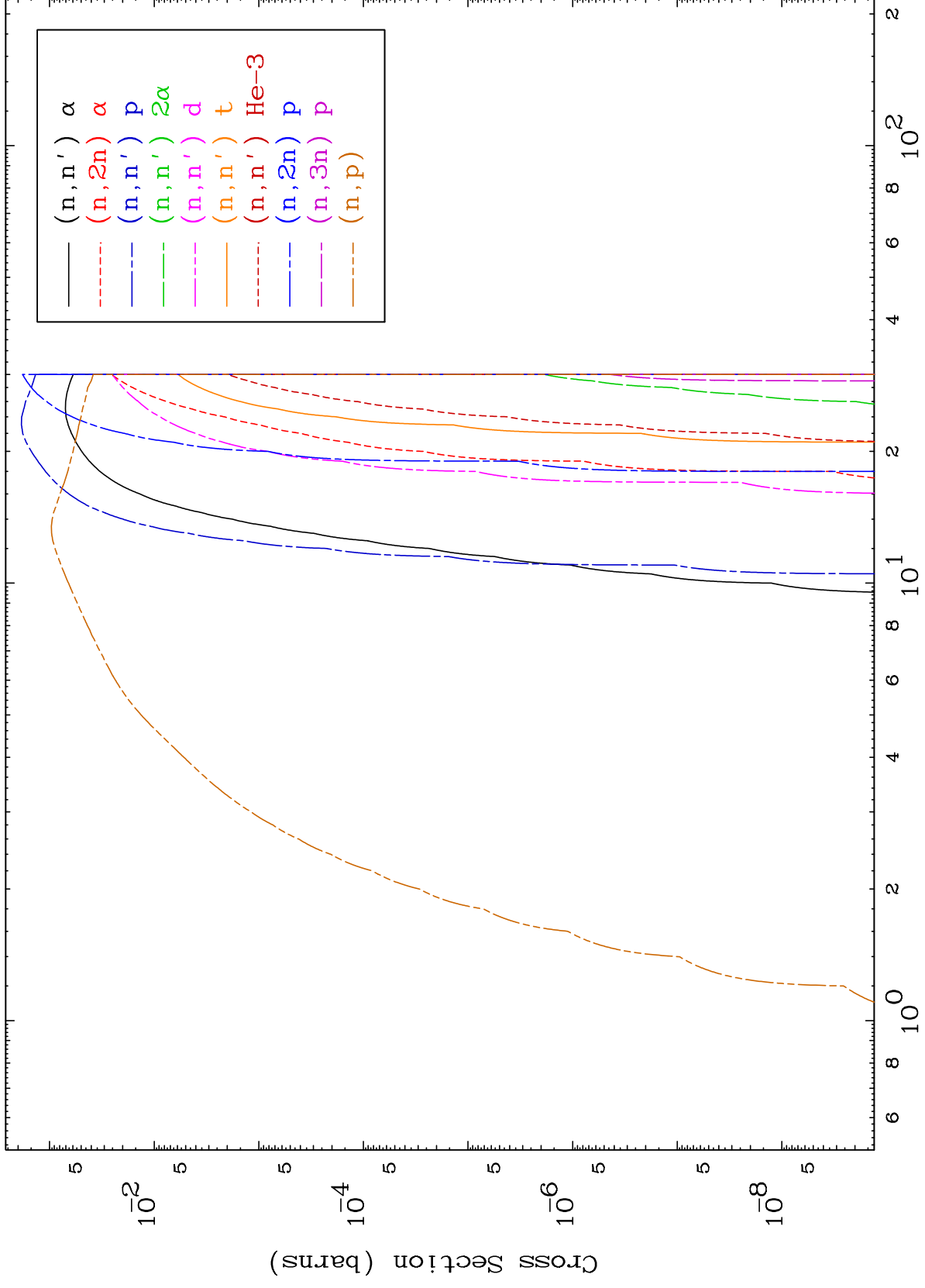
28-Ni-61



MAT 2834

Charged Particle
293 Kelvin Cross Sections

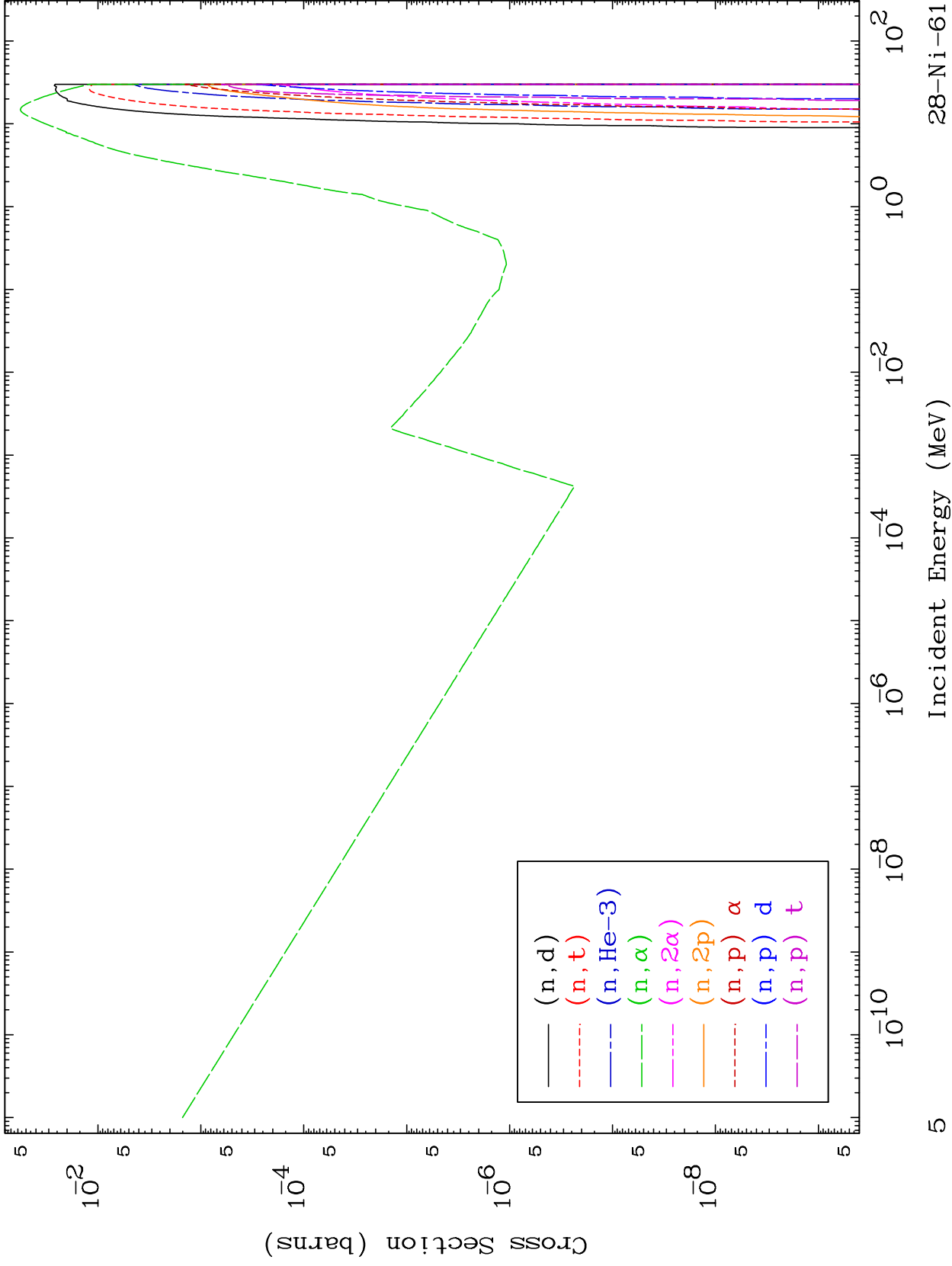
28-Ni-61



MAT 2834

Charged Particle
293 Kelvin Cross Sections

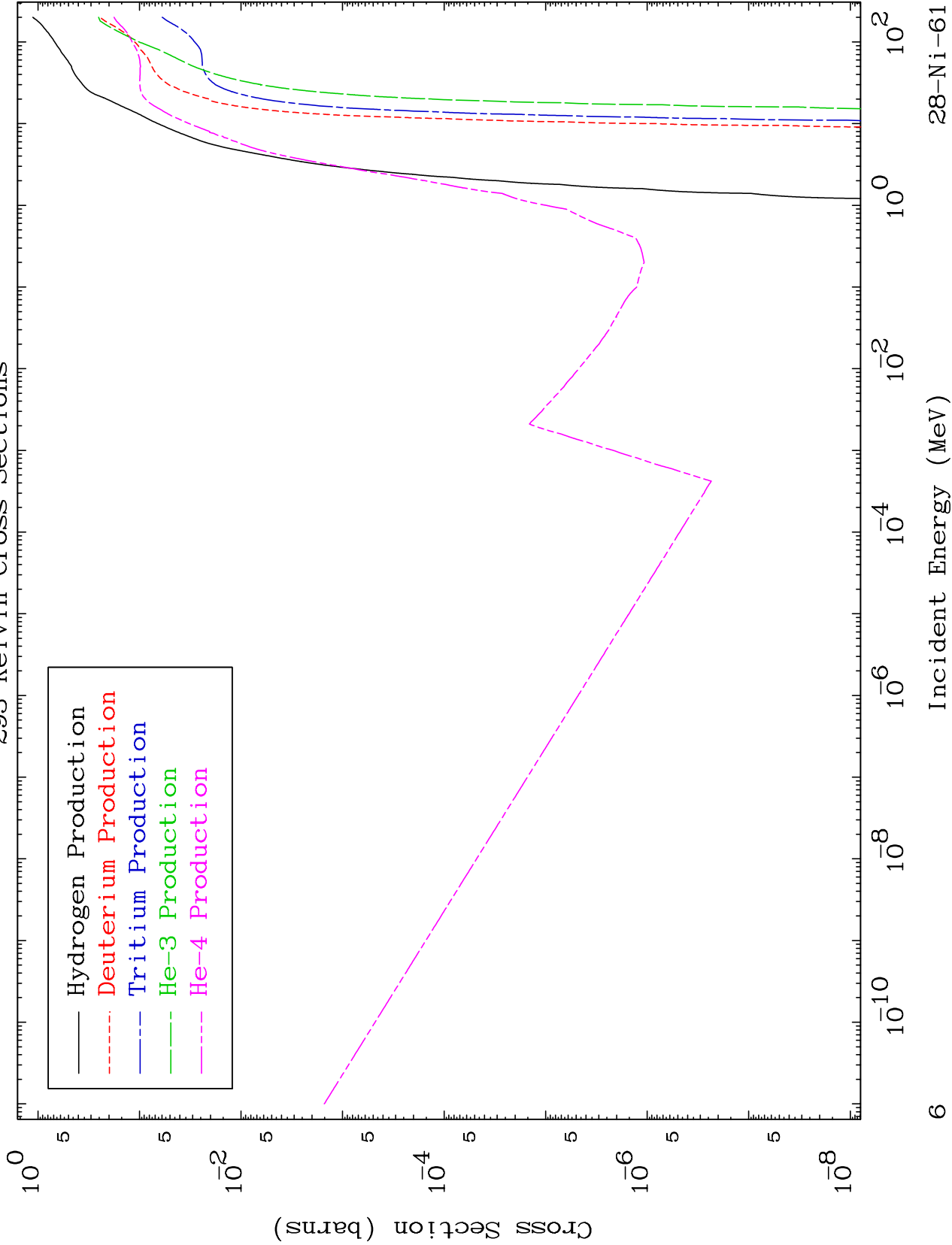
28-Ni-61



MAT 2834

Particle Production
293 Kelvin Cross Sections

28-Ni-61

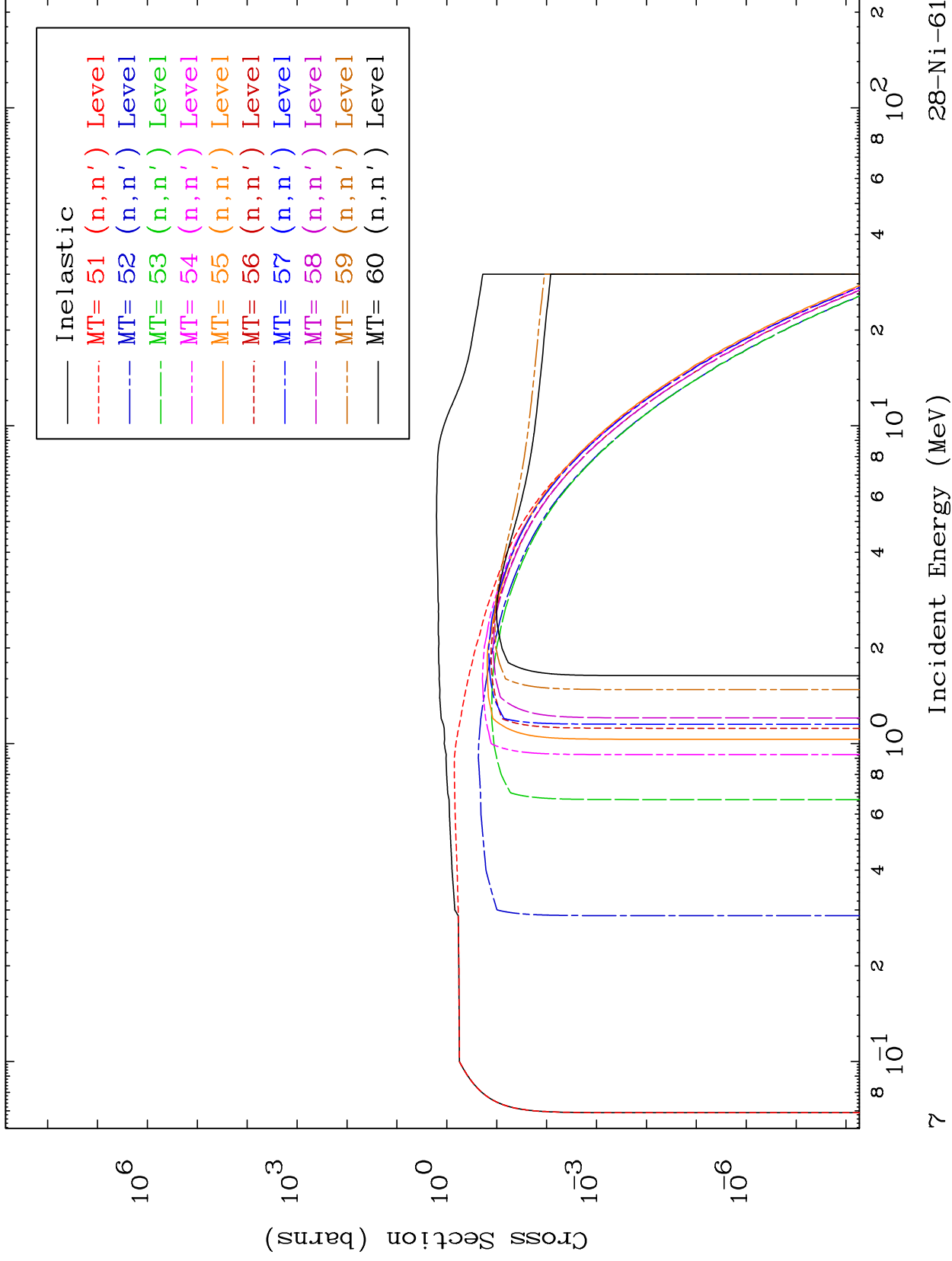


MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections

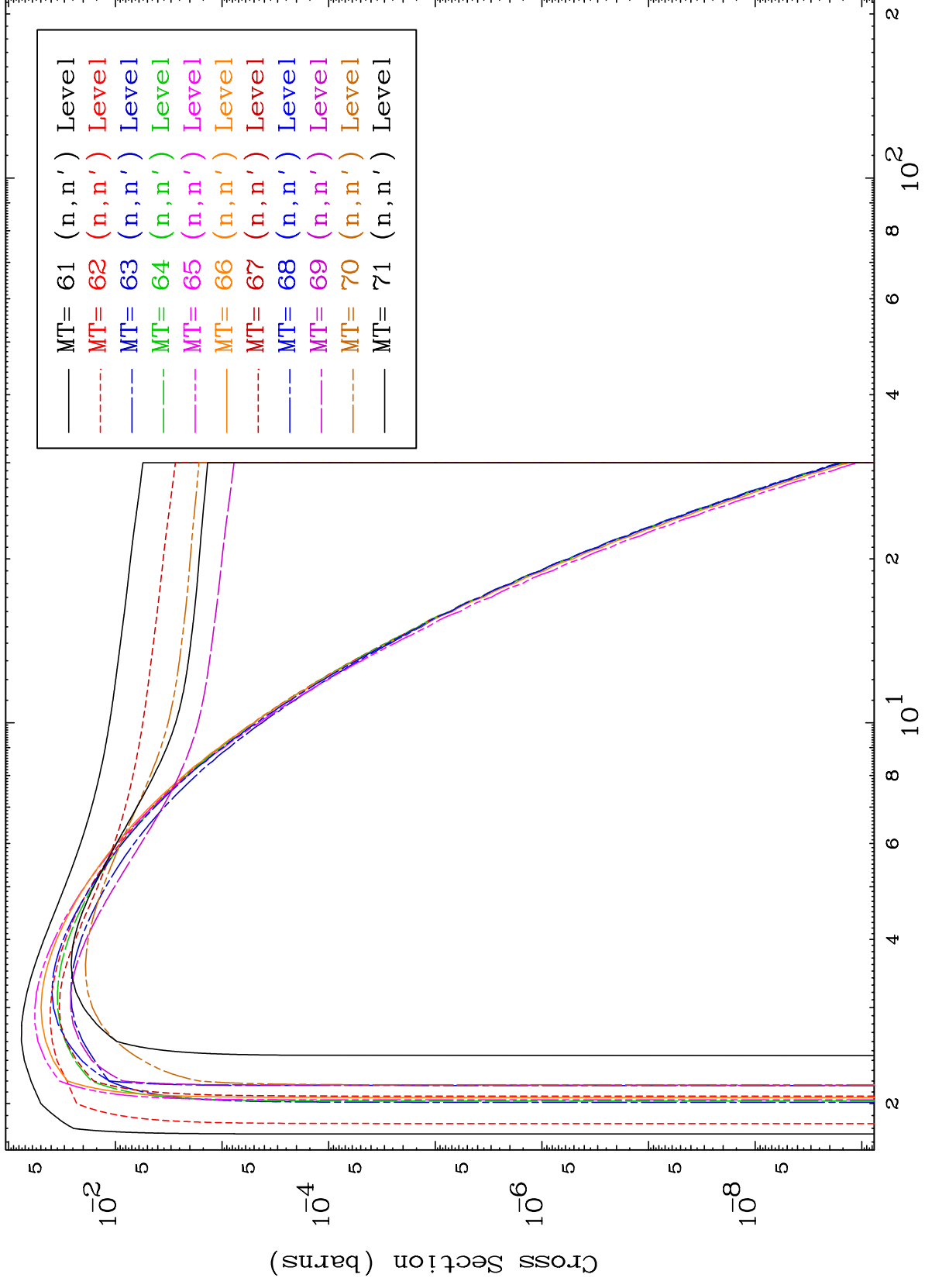


MAT 2834

(n,n') Level

28-Ni-61

293 Kelvin Cross Sections



8

Incident Energy (MeV)

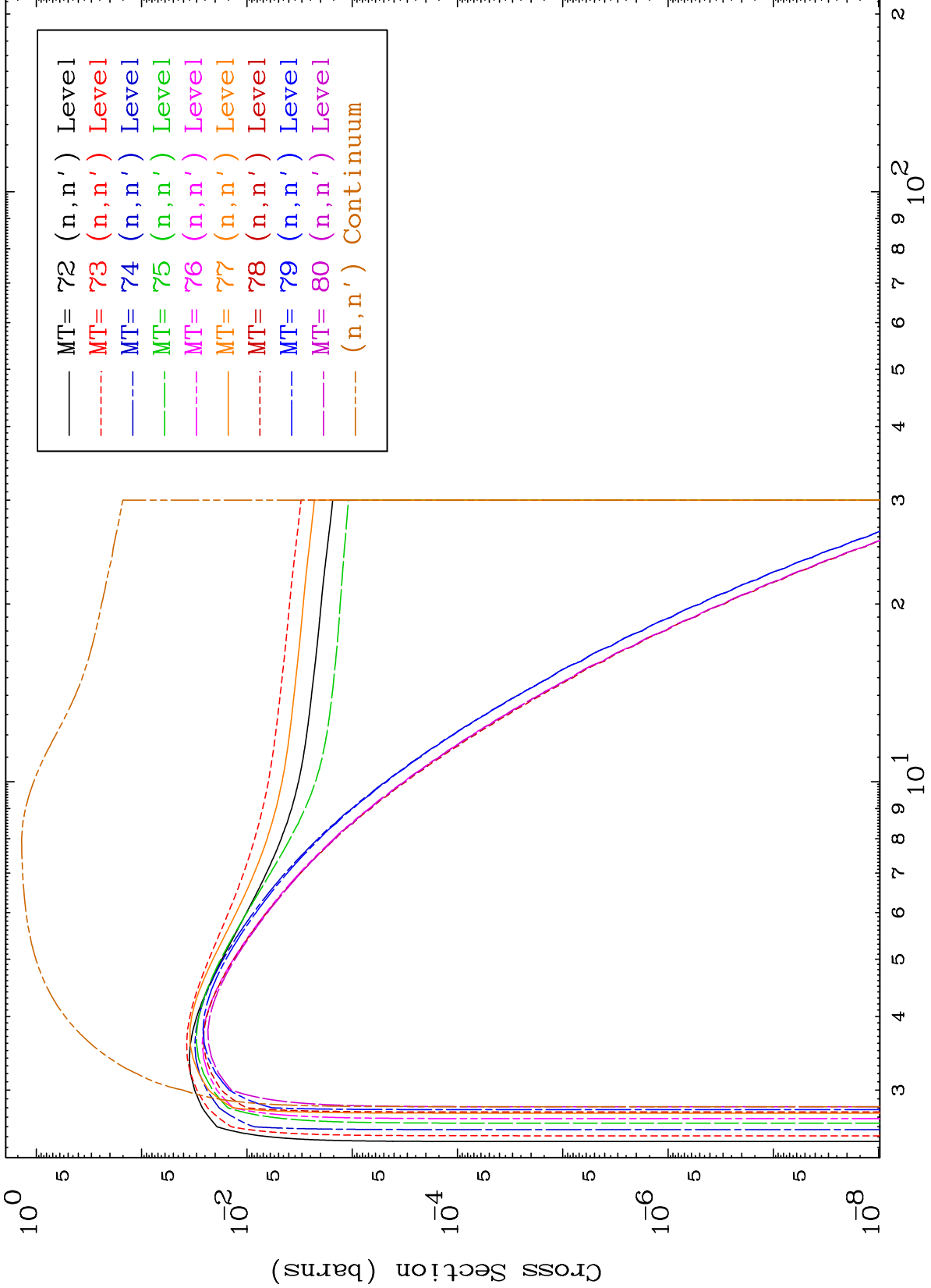
28-Ni-61

MAT 2834

(n,n') Level

28-Ni-61

293 Kelvins Cross Sections



9

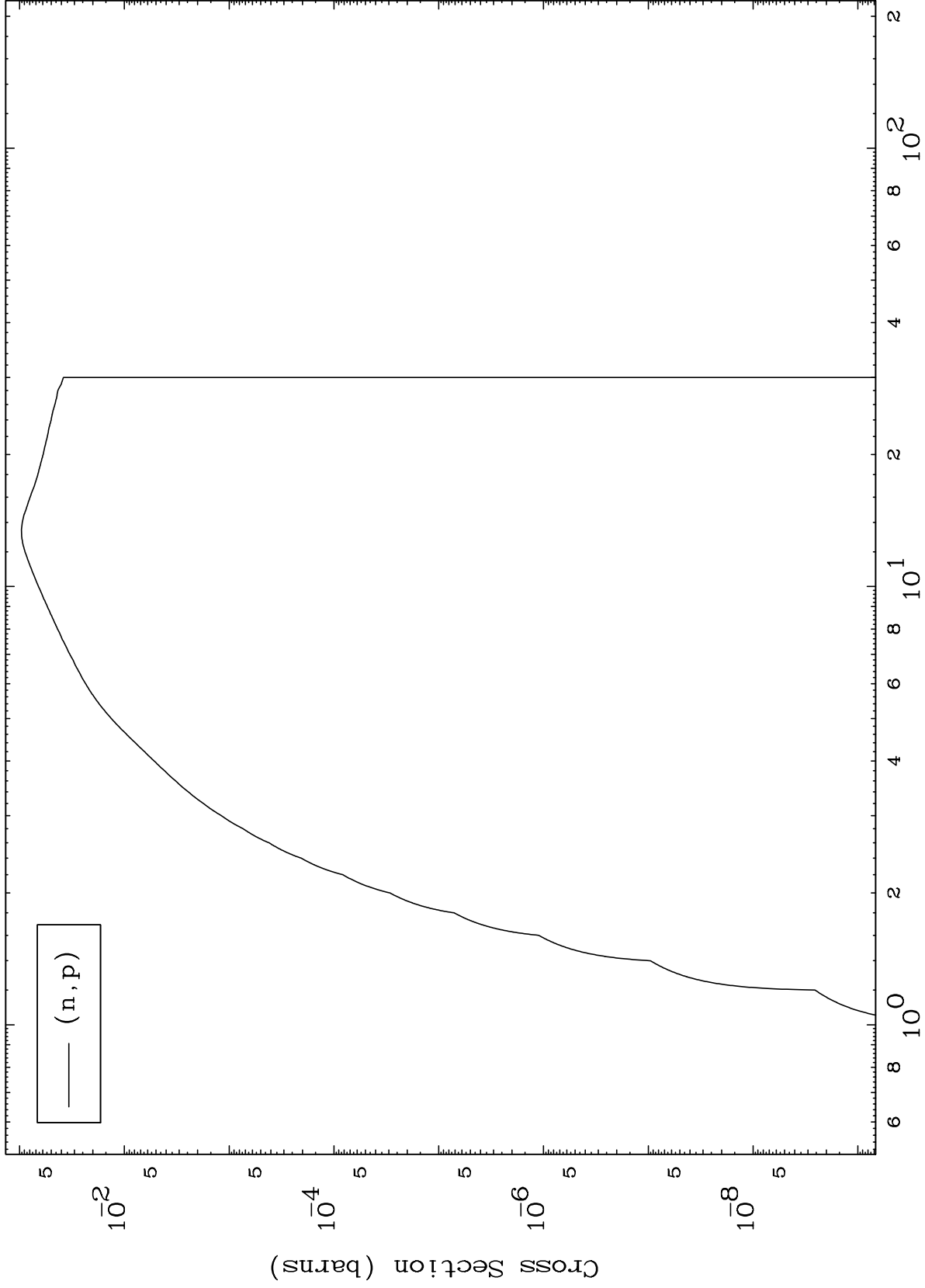
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-61



10

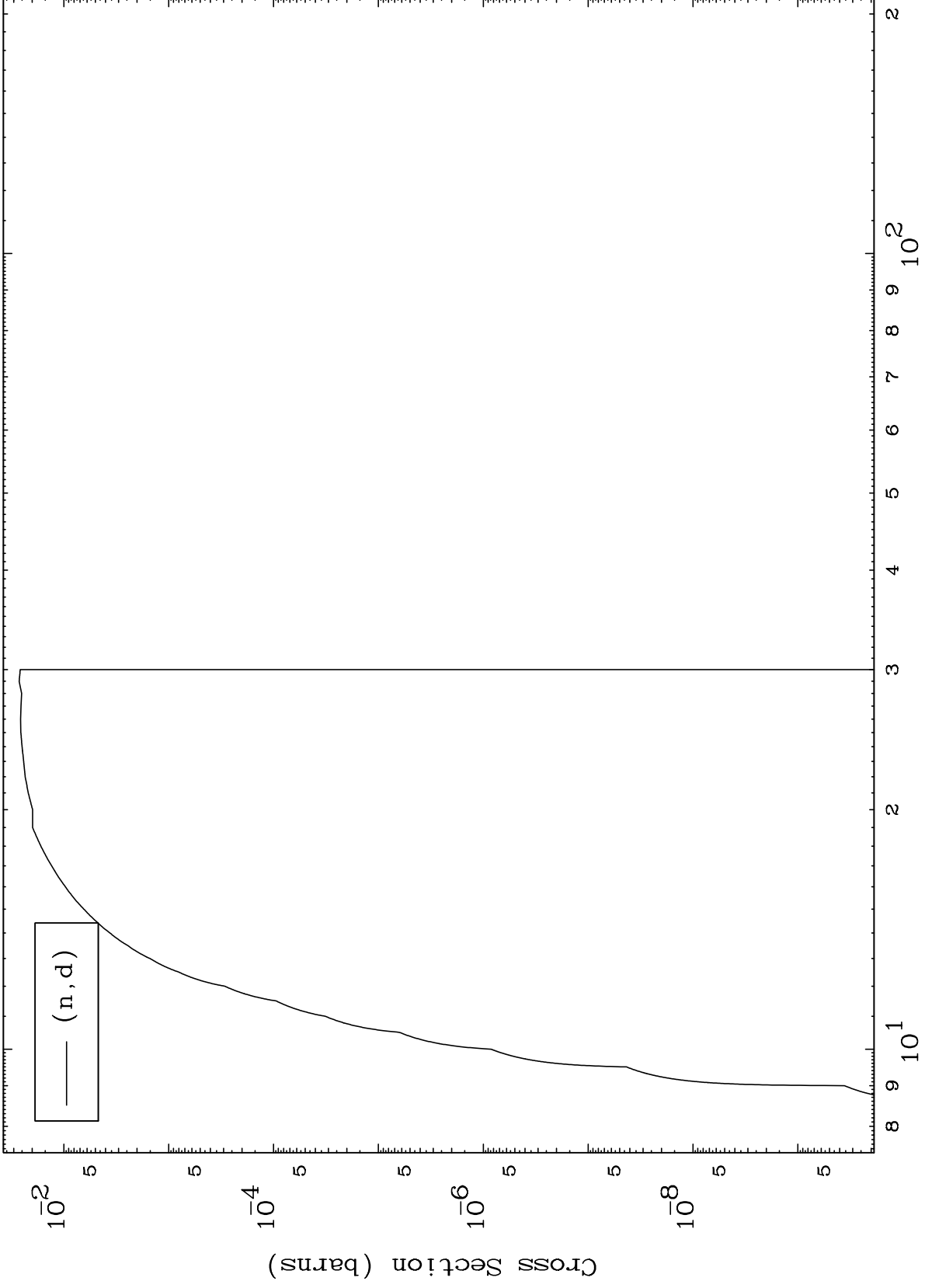
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-61



11

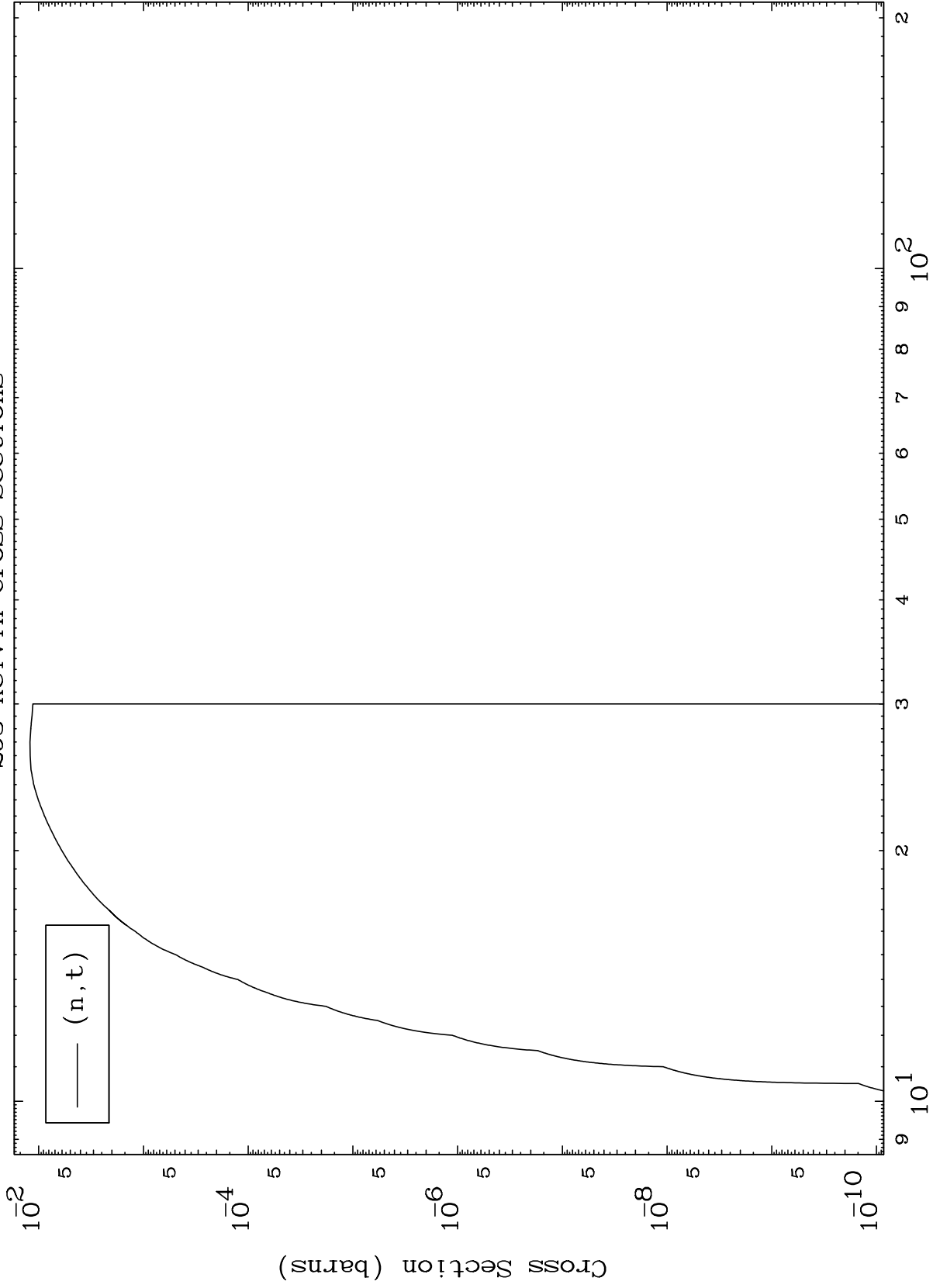
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-61



12

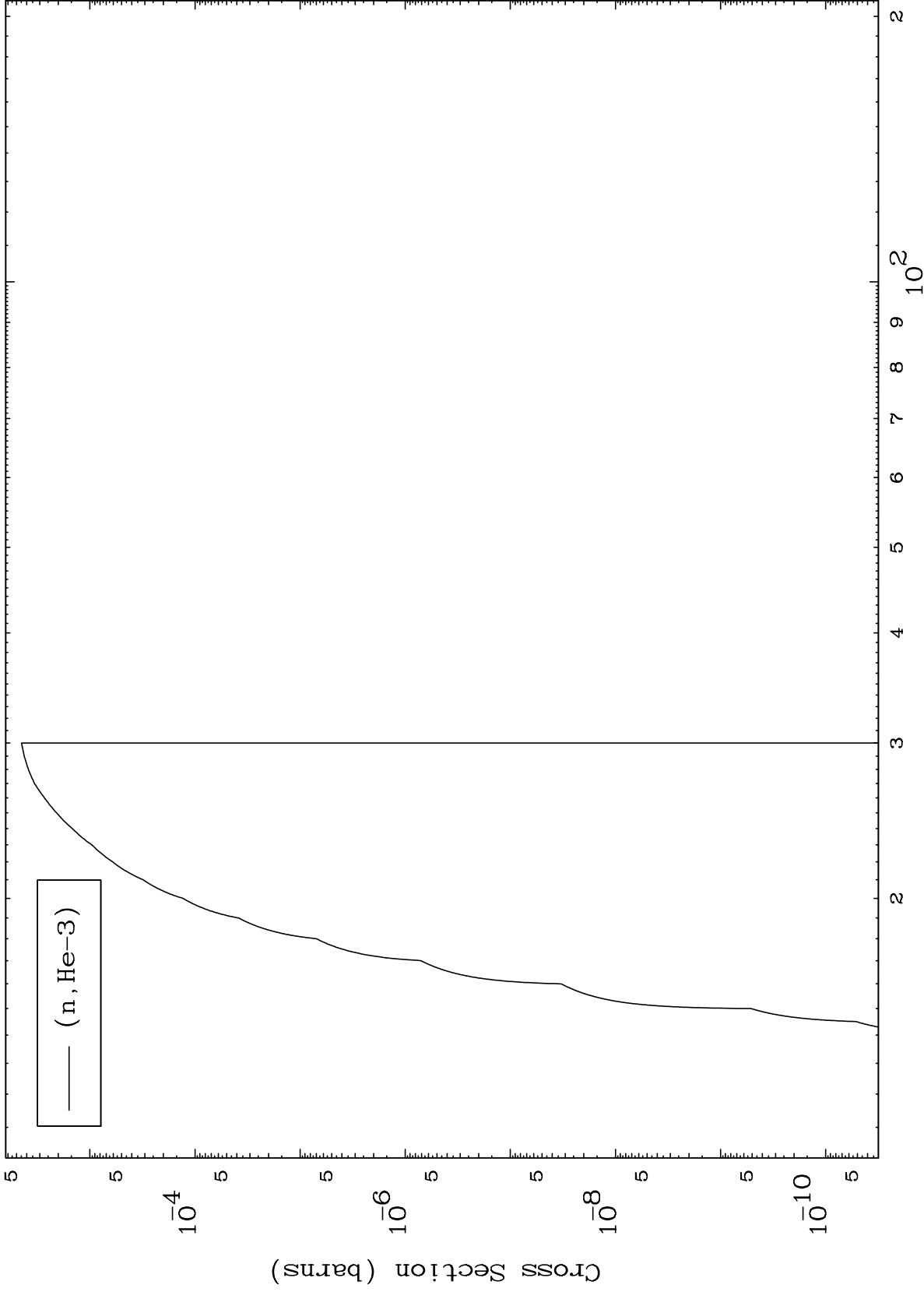
Incident Energy (MeV)

28-Ni-61

MAT 2834

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-61



13

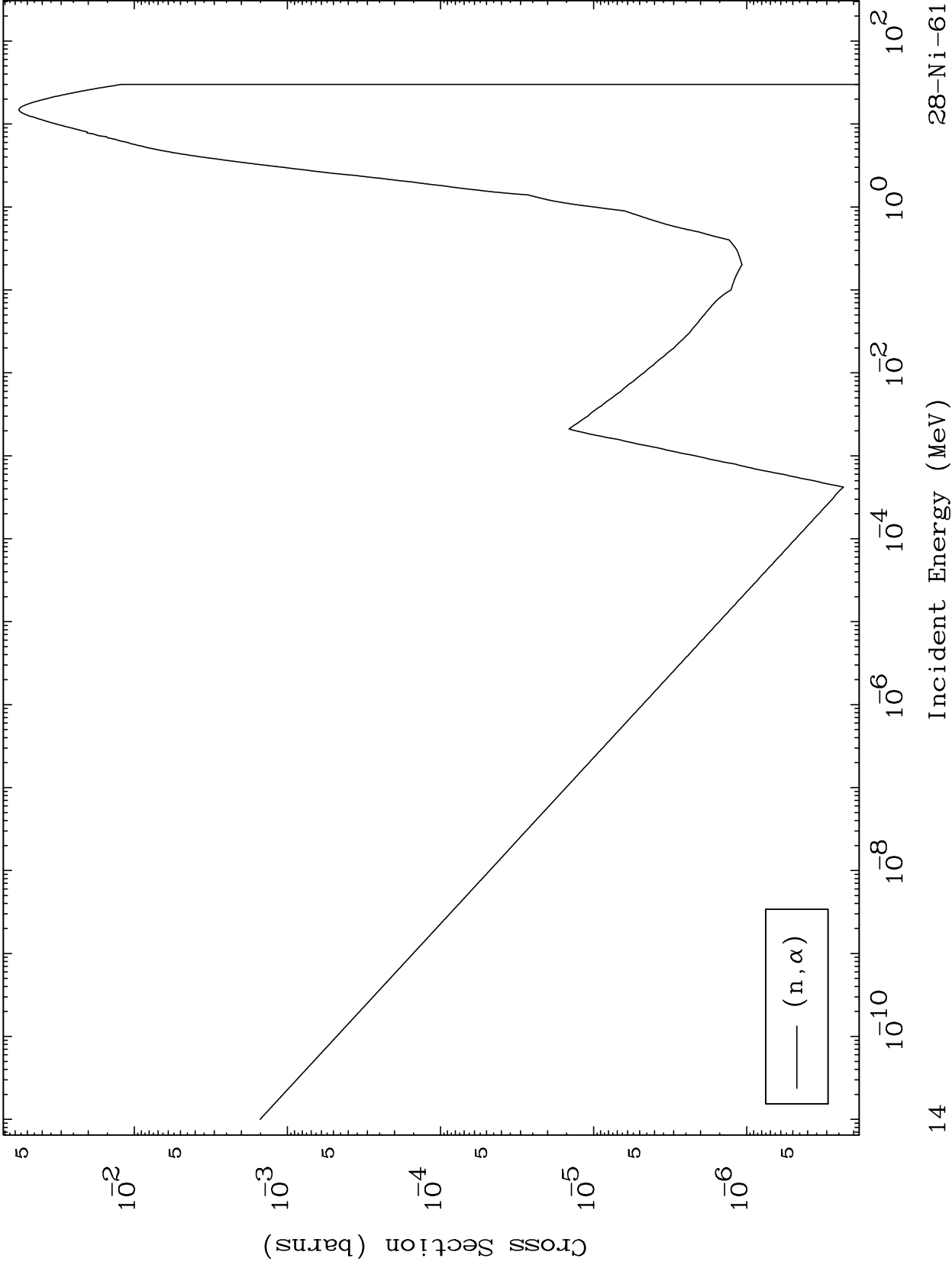
Incident Energy (MeV)

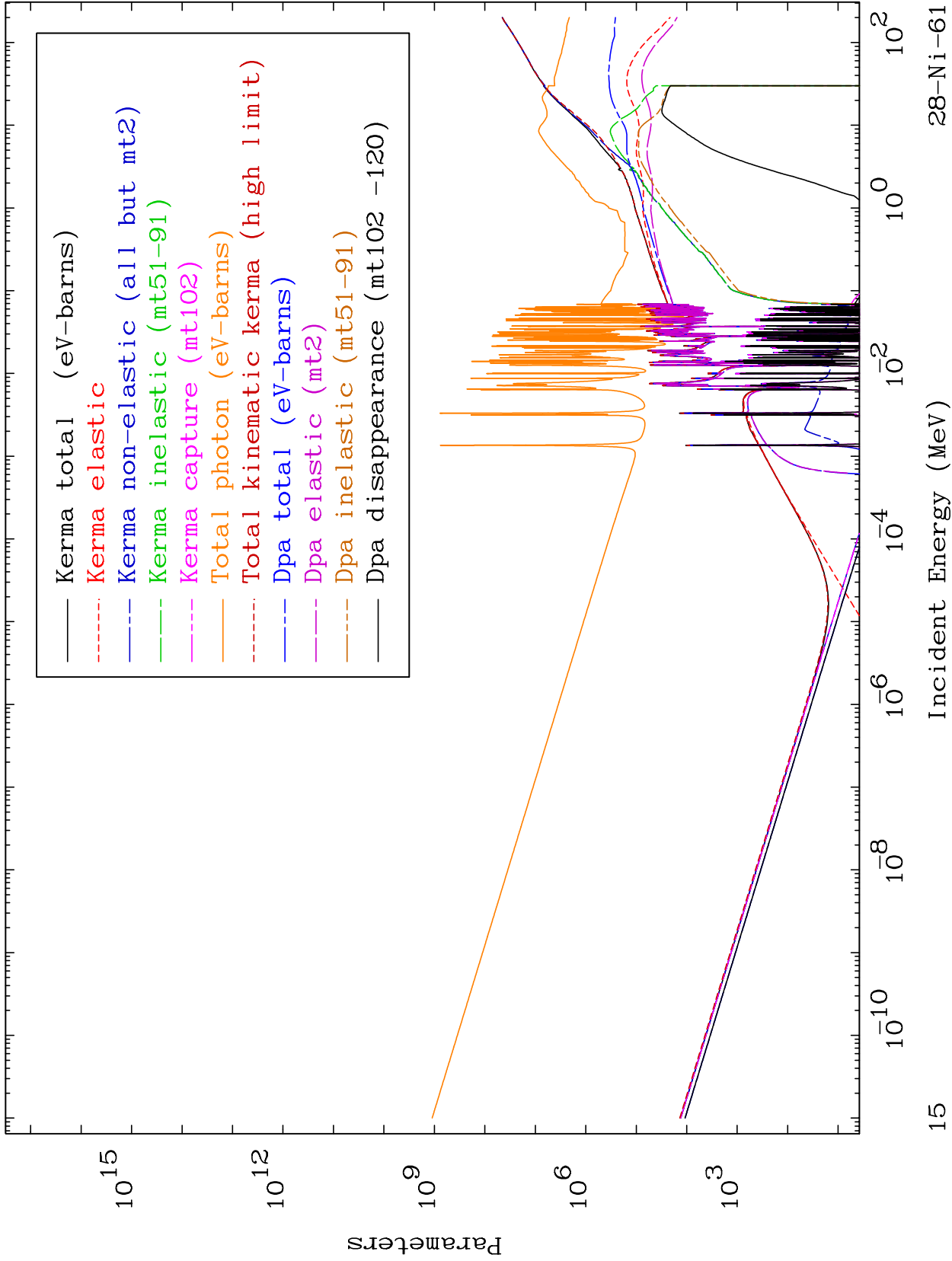
28-Ni-61

MAT 2834

(n,α) Levels
293 Kelvin Cross Sections

28-Ni-61

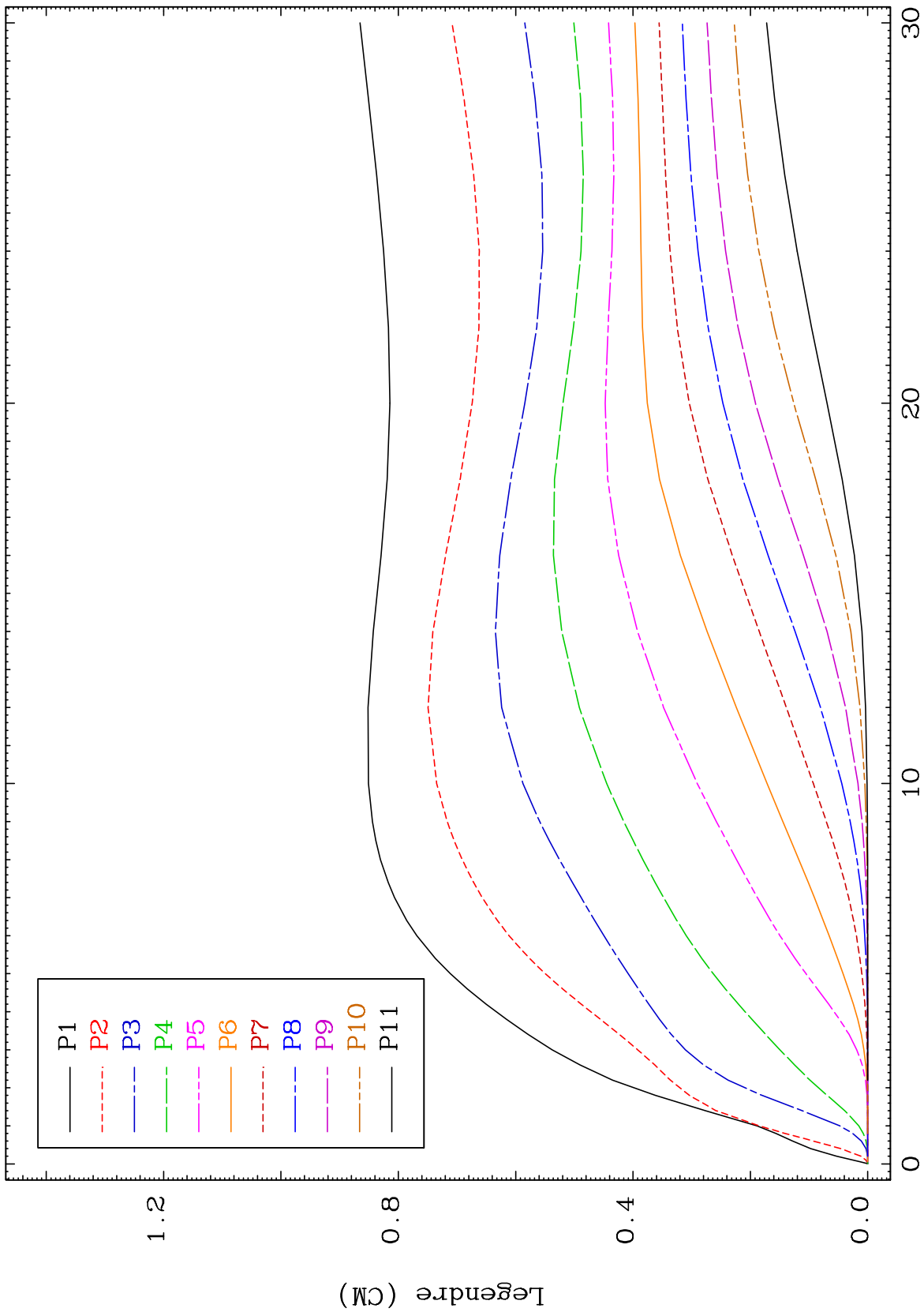




MAT 2834

Elastic Legendre Coefficients

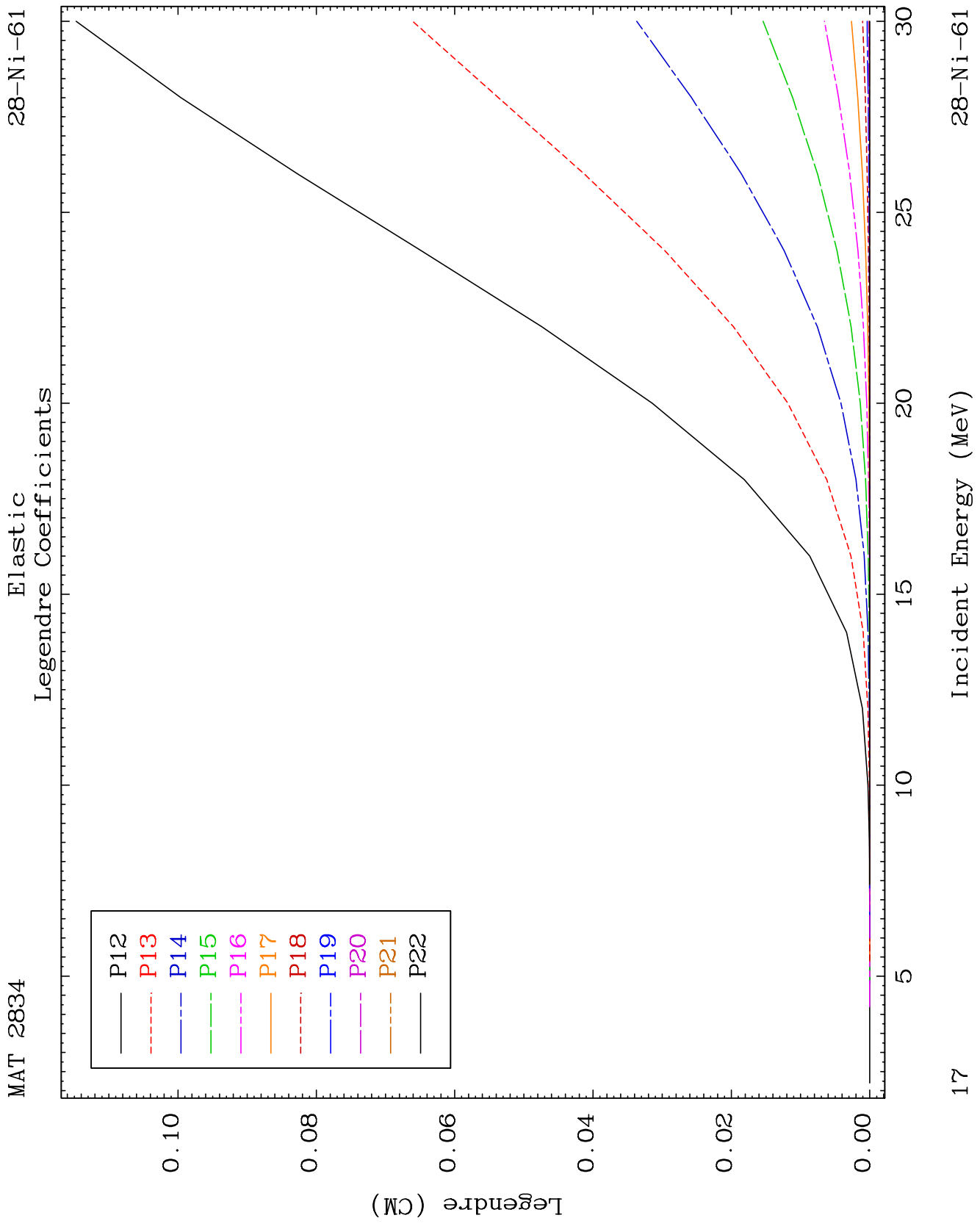
28-Ni-61



16

Incident Energy (MeV)

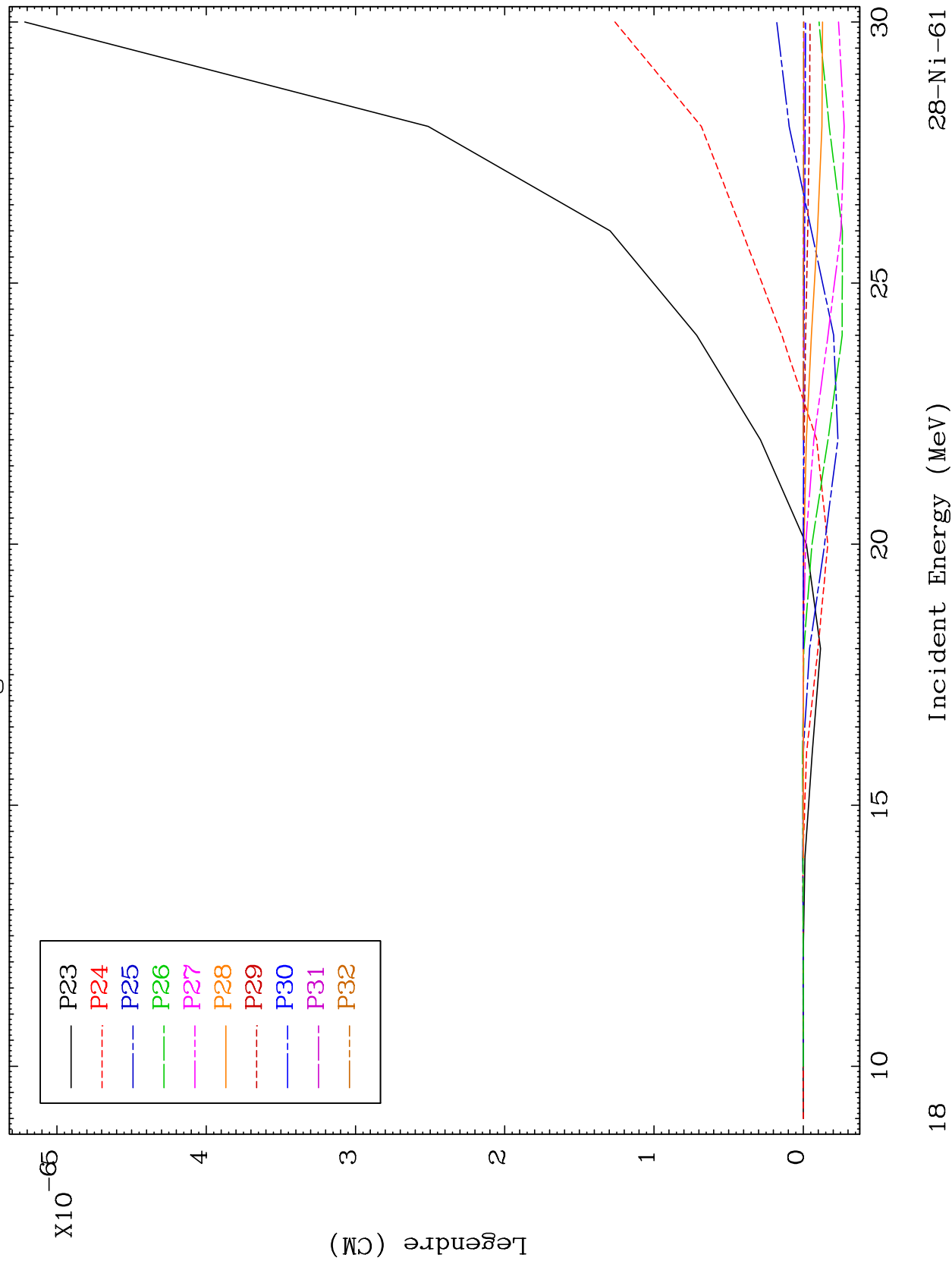
28-Ni-61



MAT 2834

Elastic Legendre Coefficients

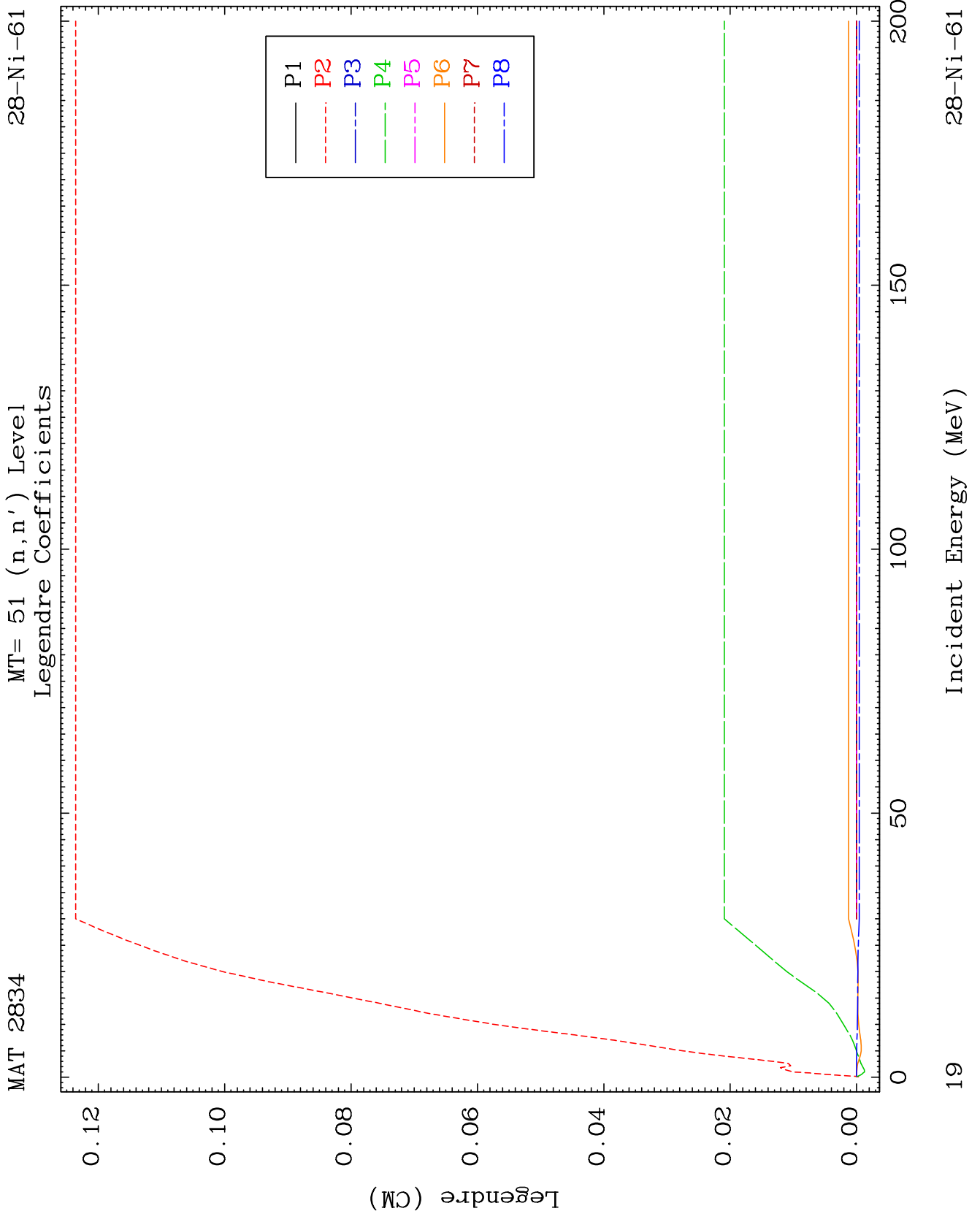
28-Ni-61

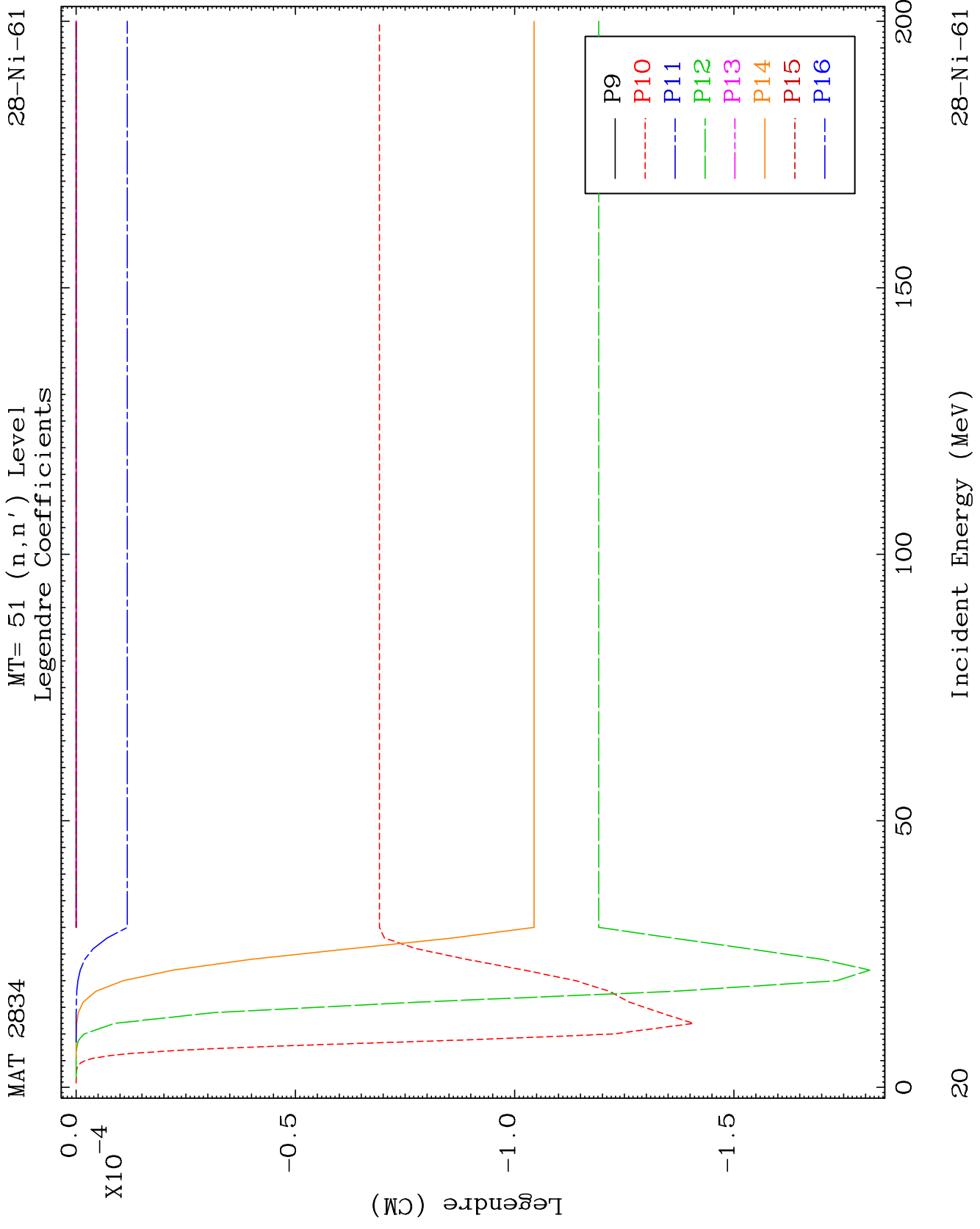


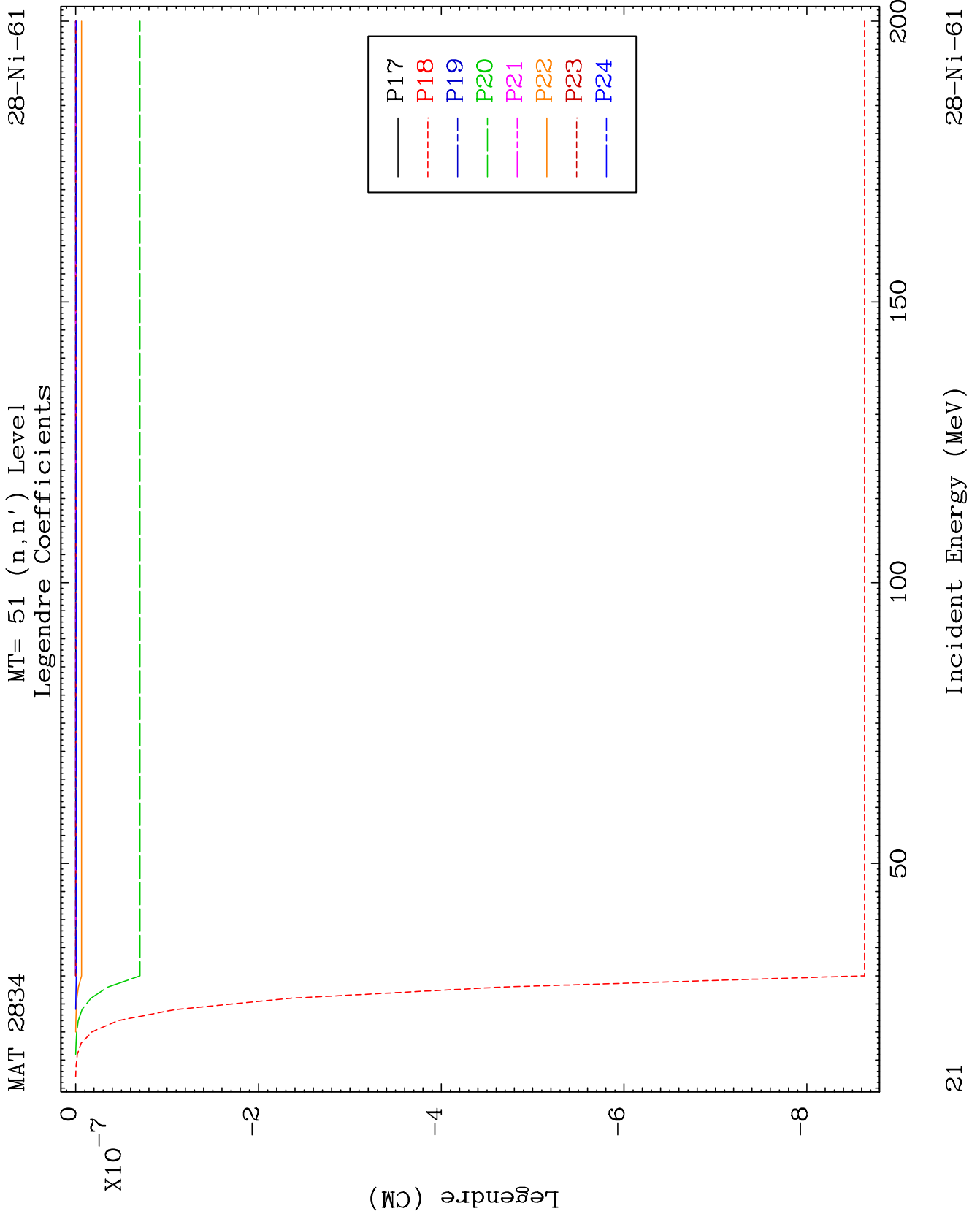
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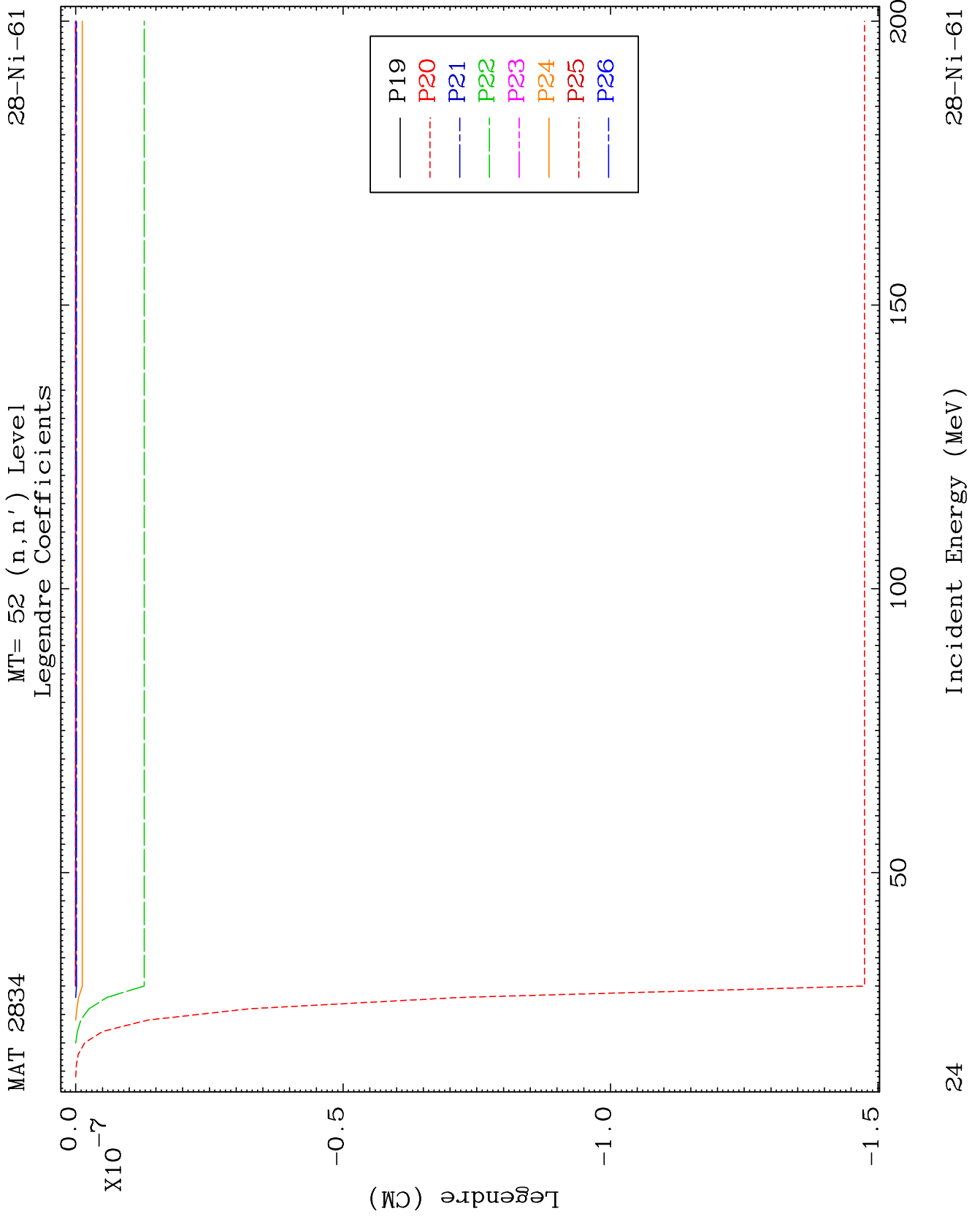
Incident Energy (MeV)

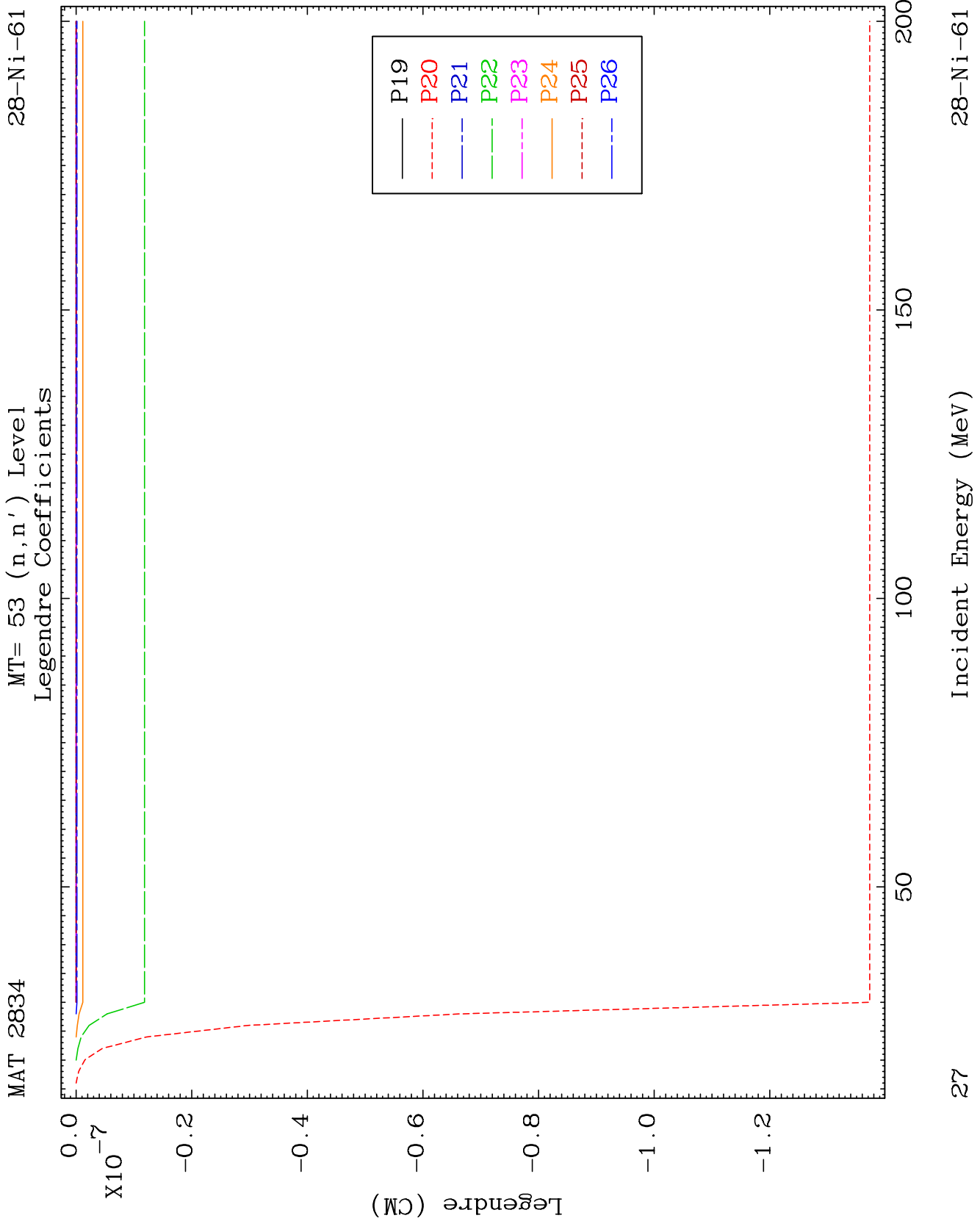
28-Ni-61







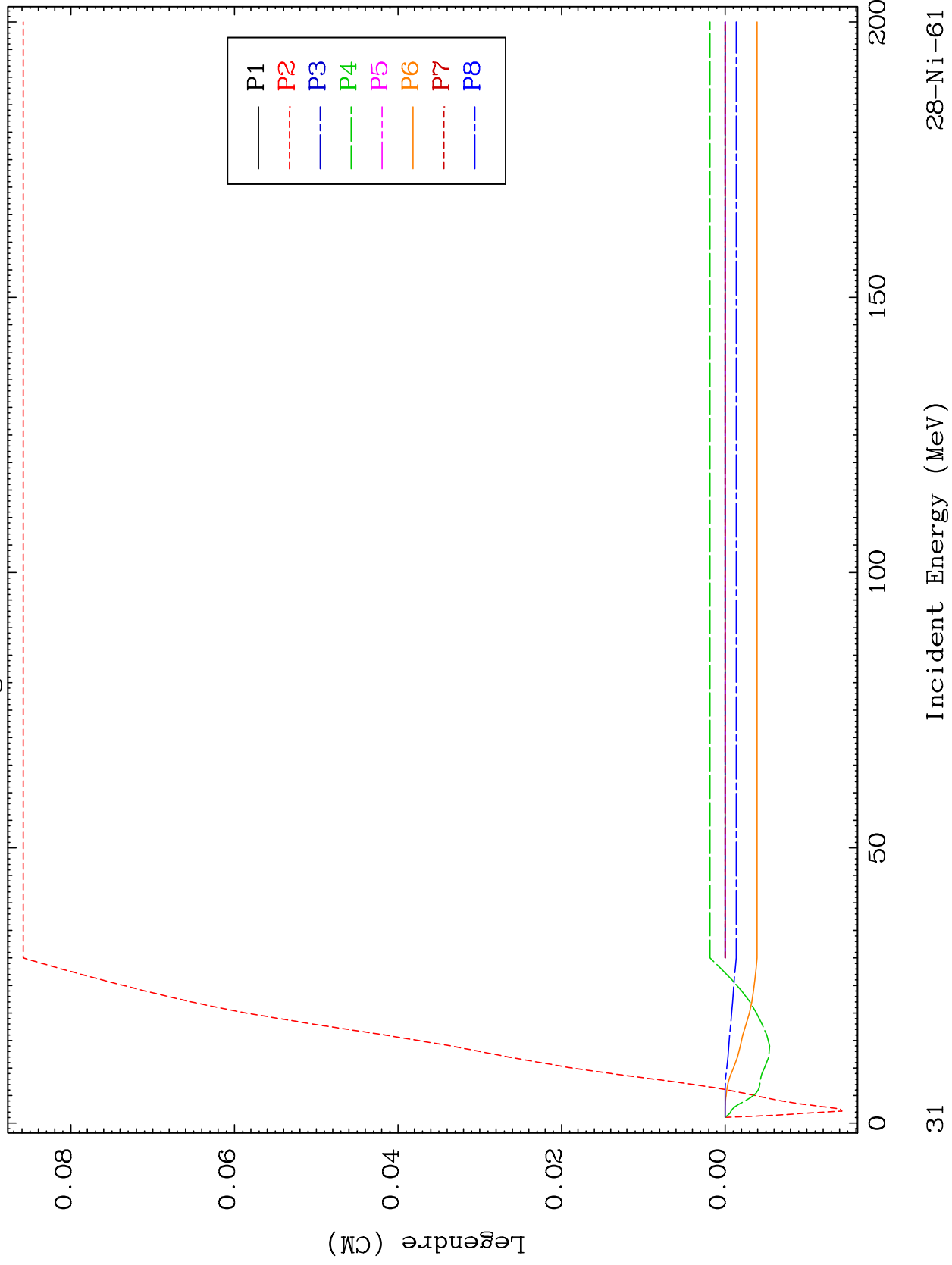




MAT 2834

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

28-Ni-61



28-Ni-61

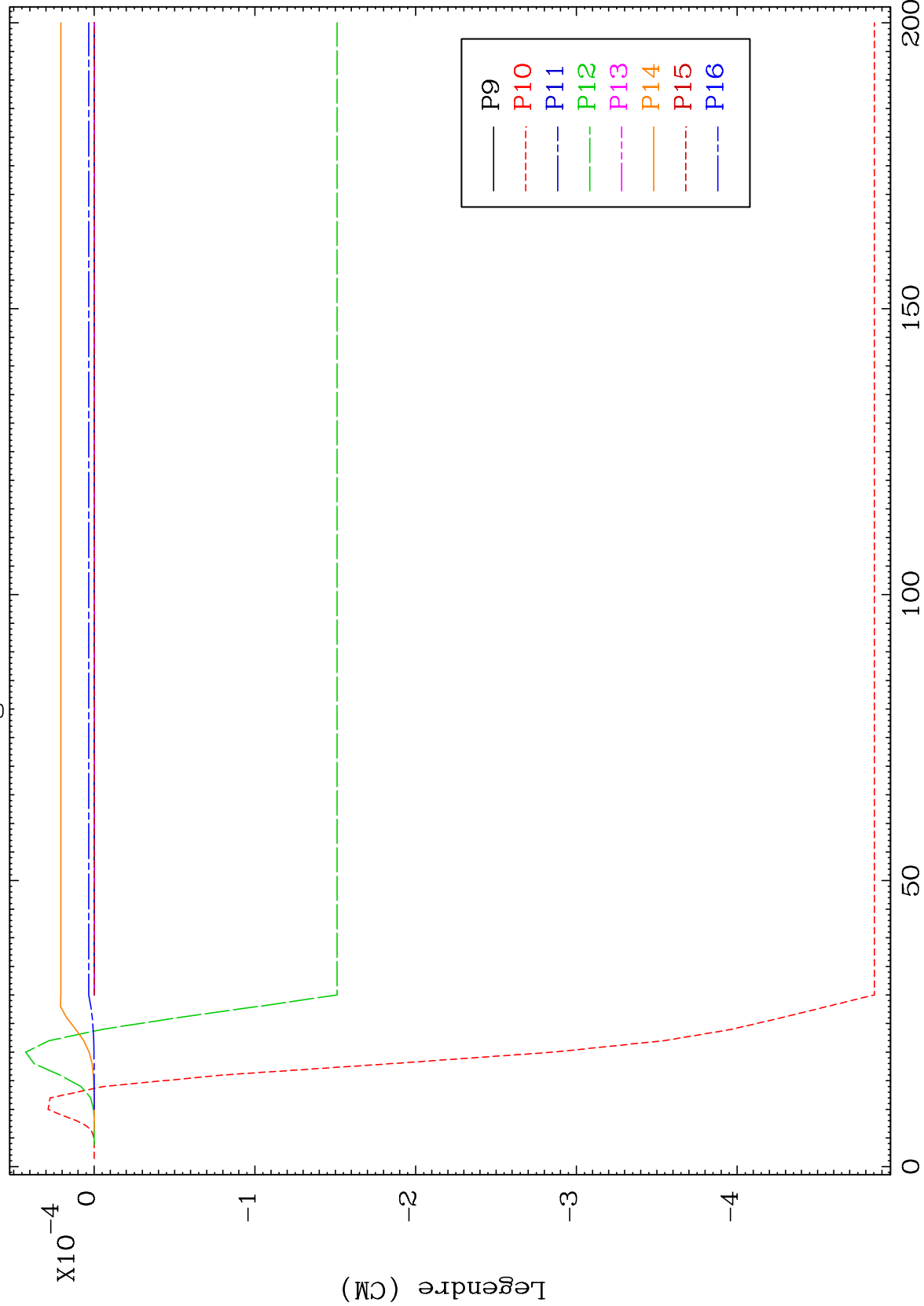
Incident Energy (MeV)

31

MAT 2834

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

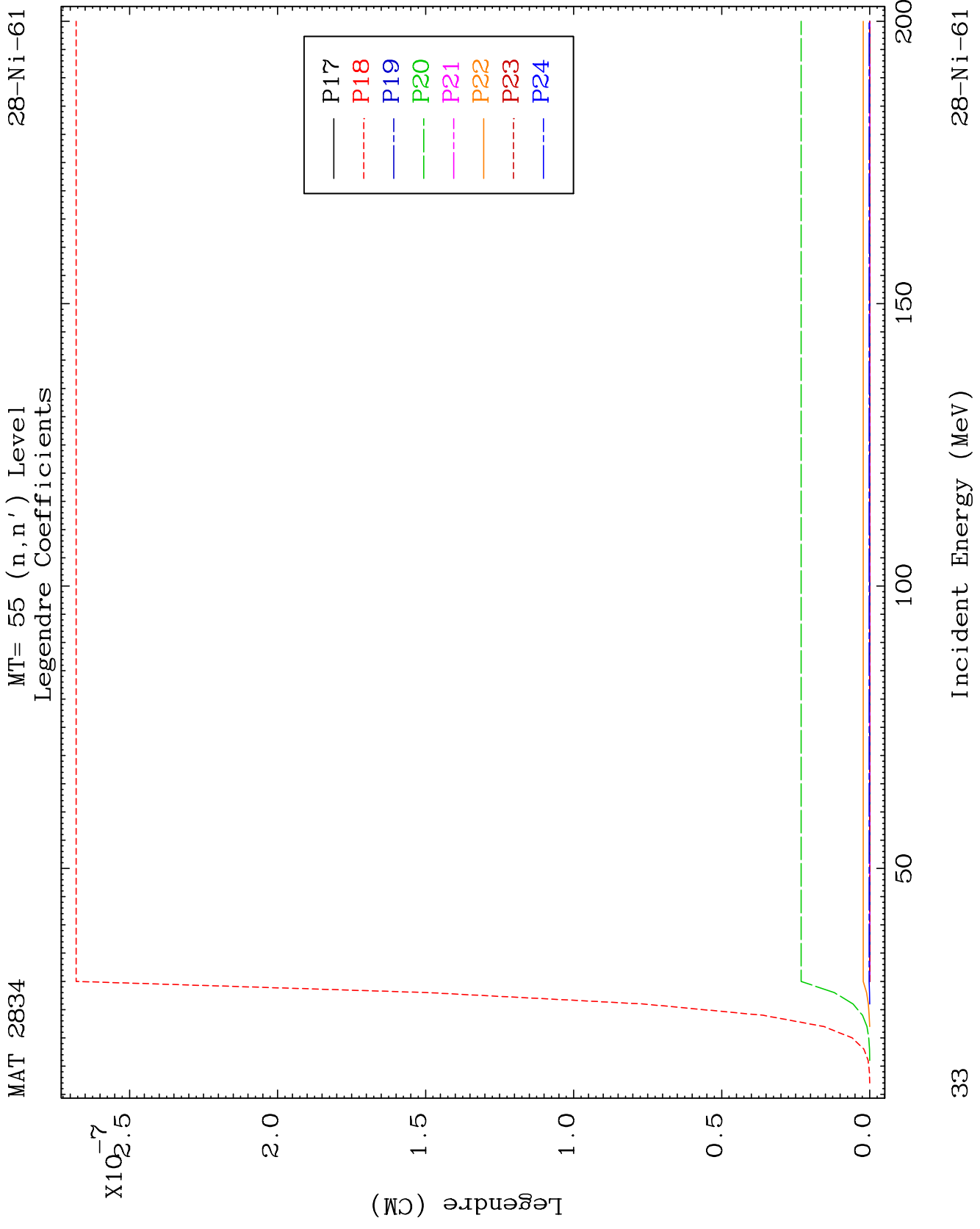
28-Ni-61

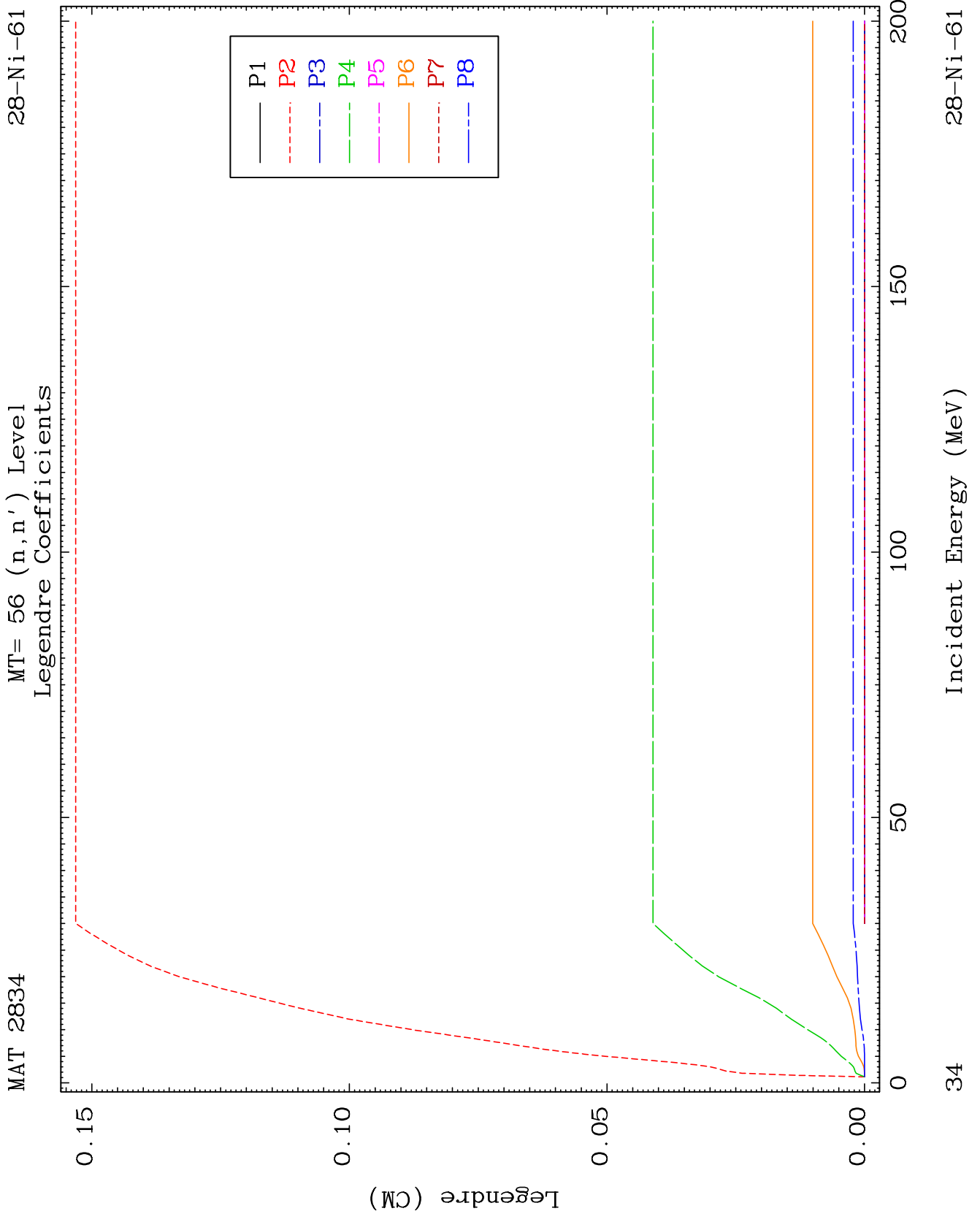


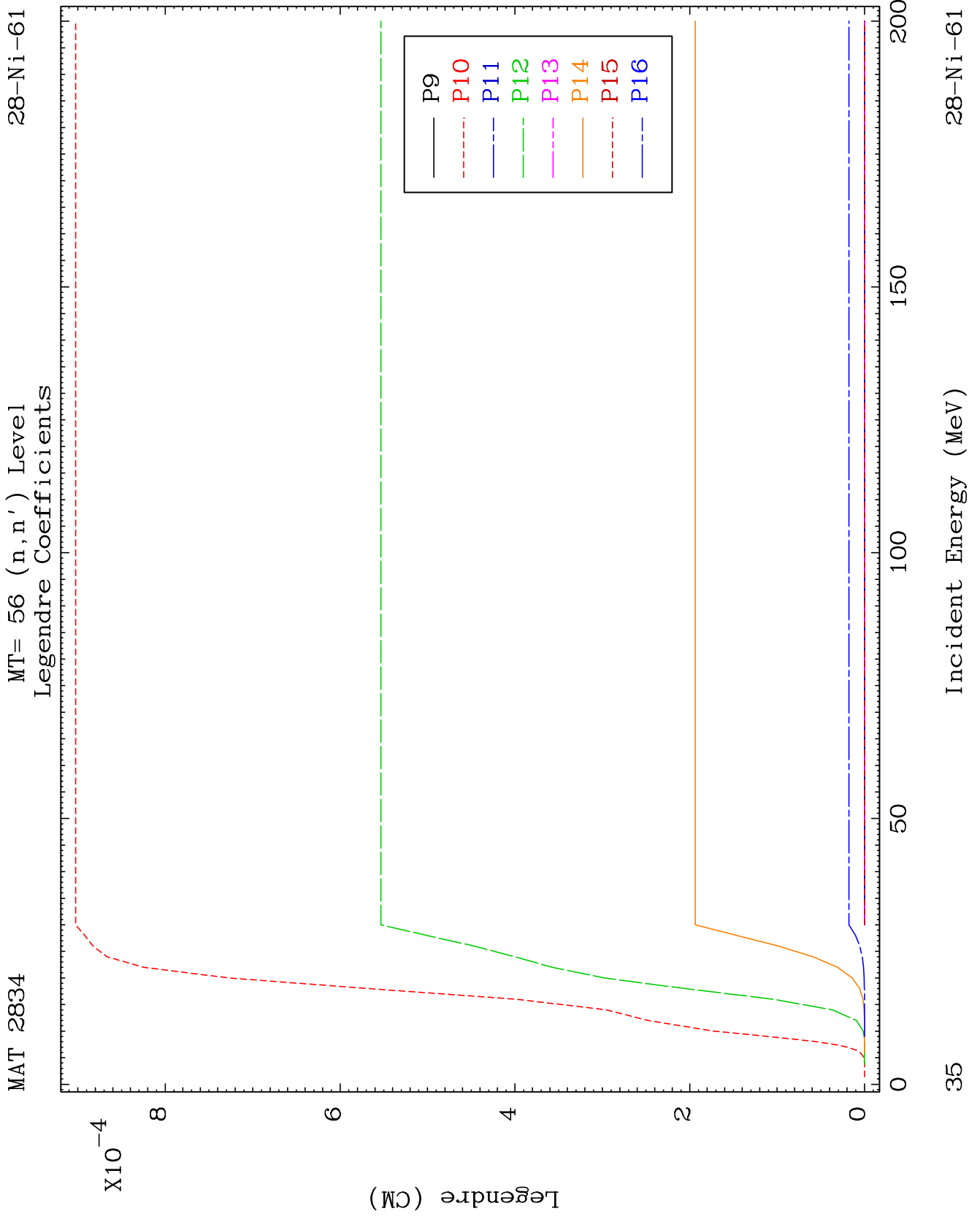
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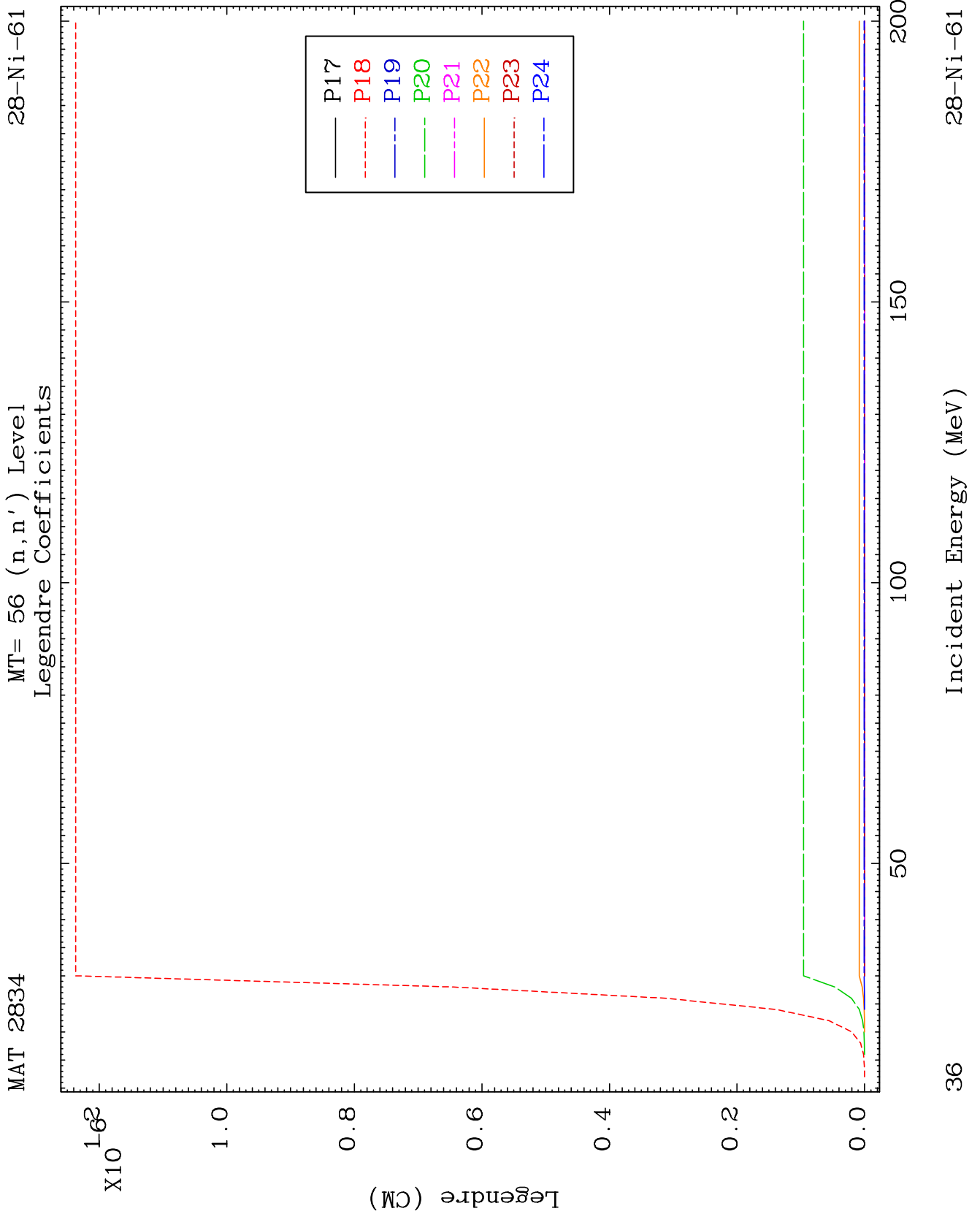
Incident Energy (MeV)

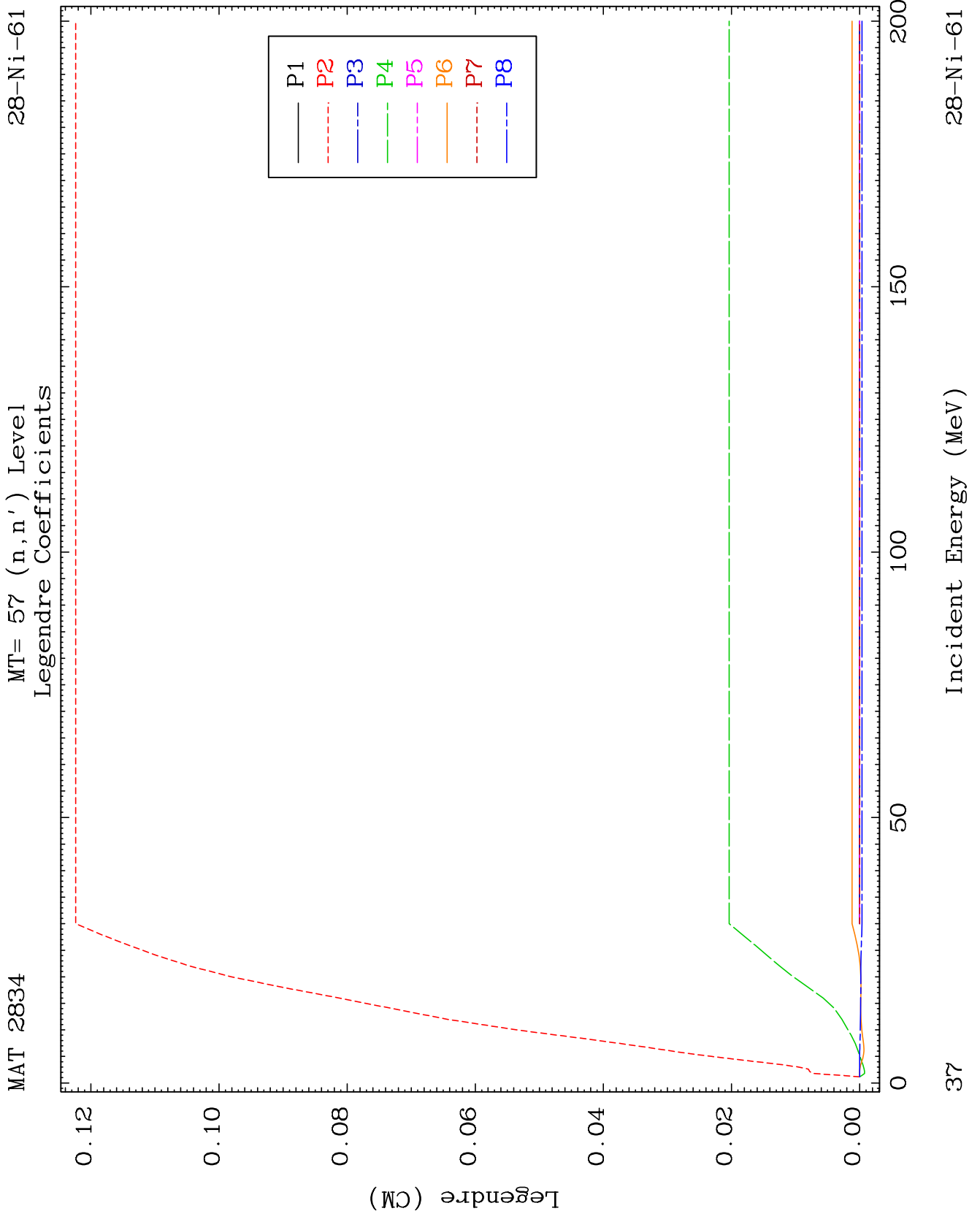
28-Ni-61







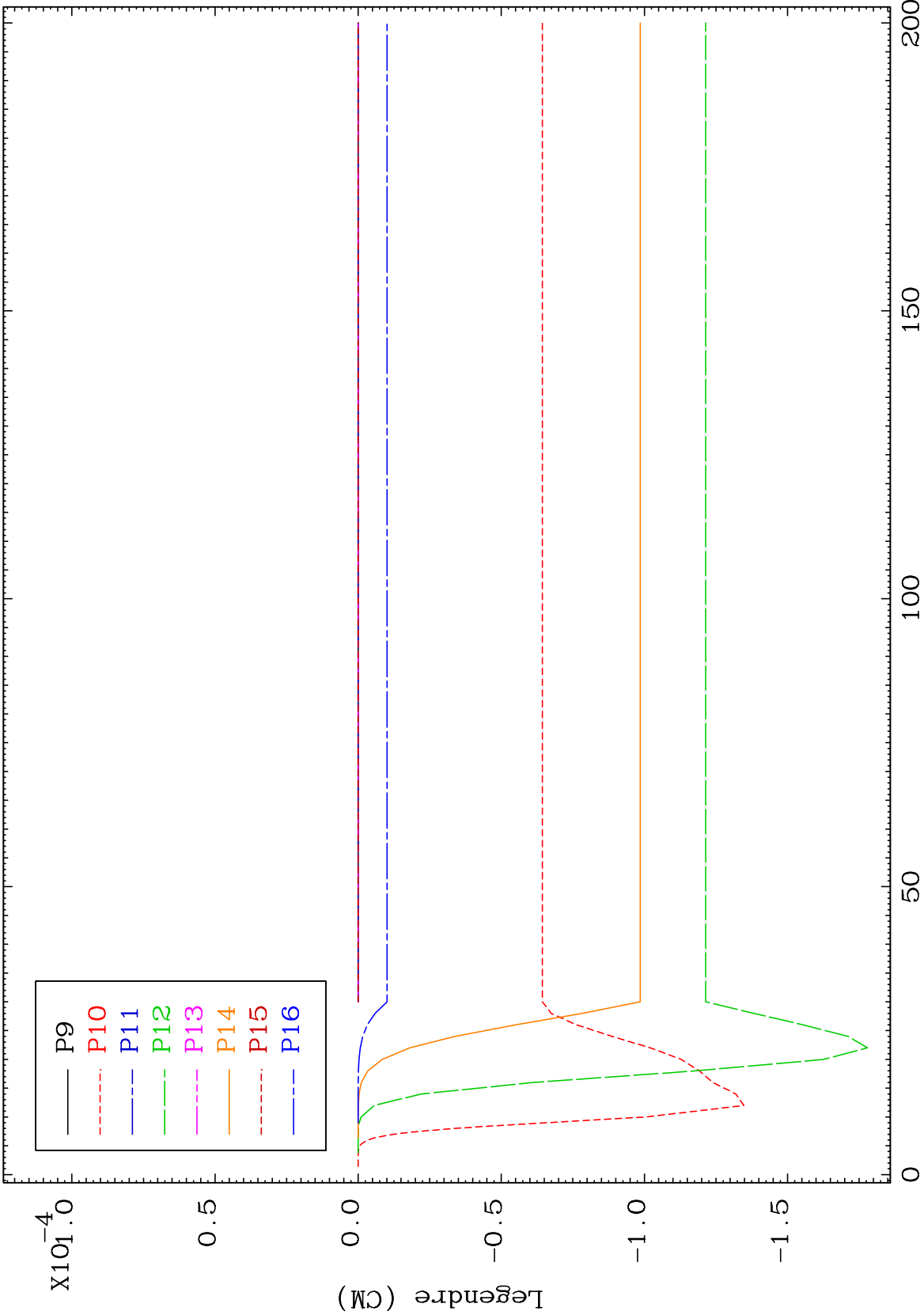
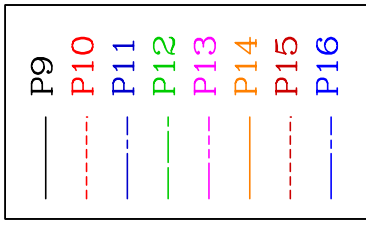




MAT 2834

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

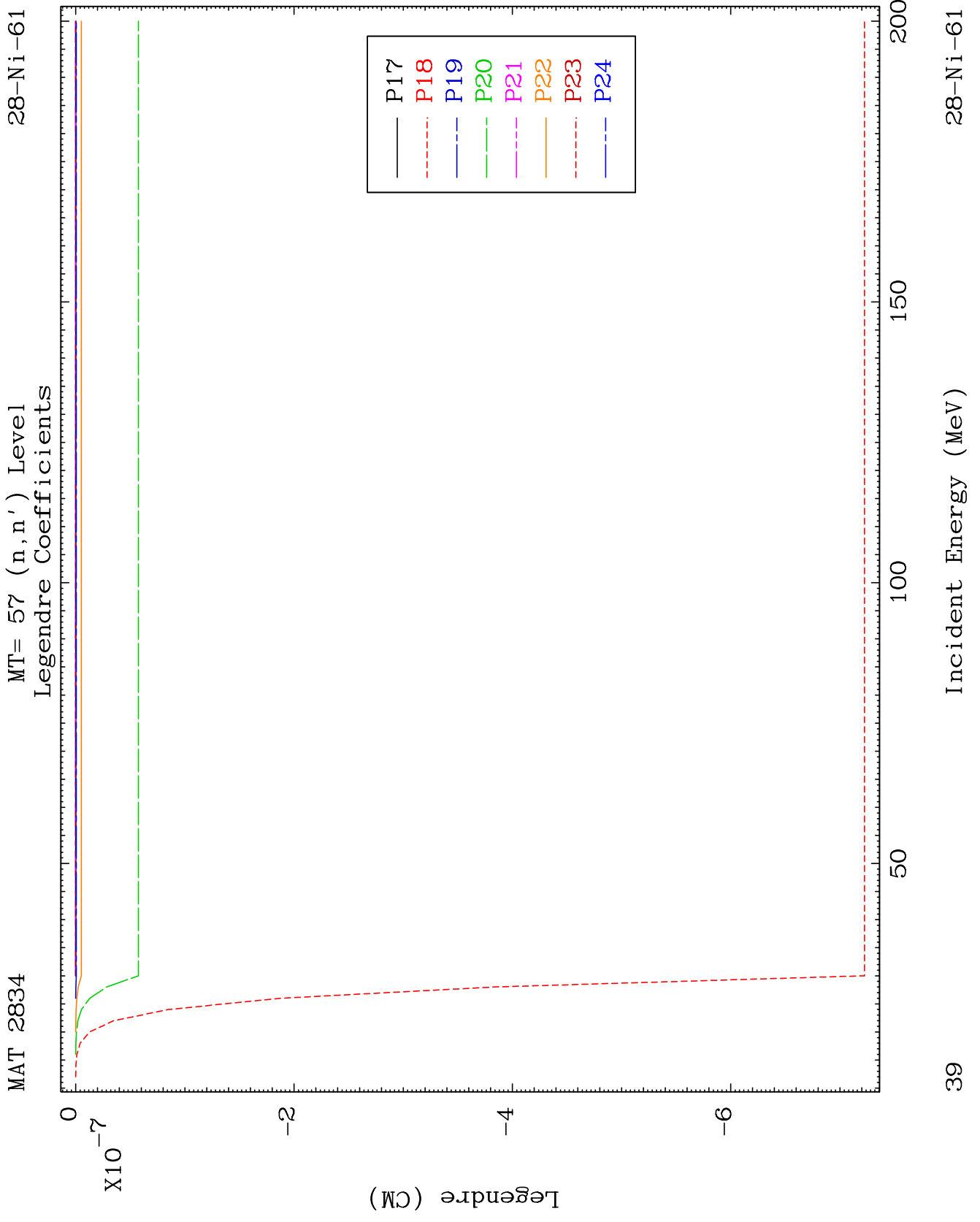
28-Ni-61

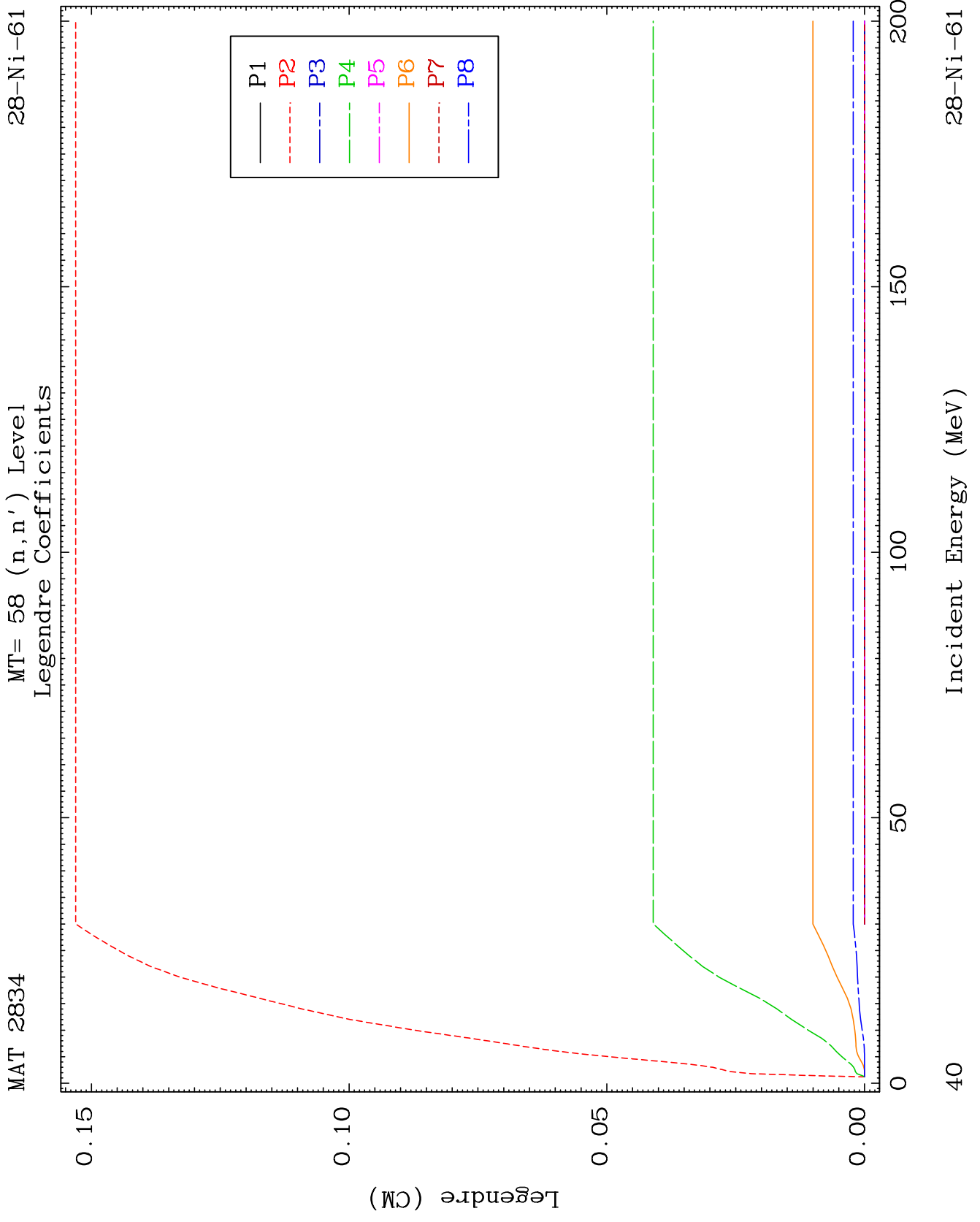


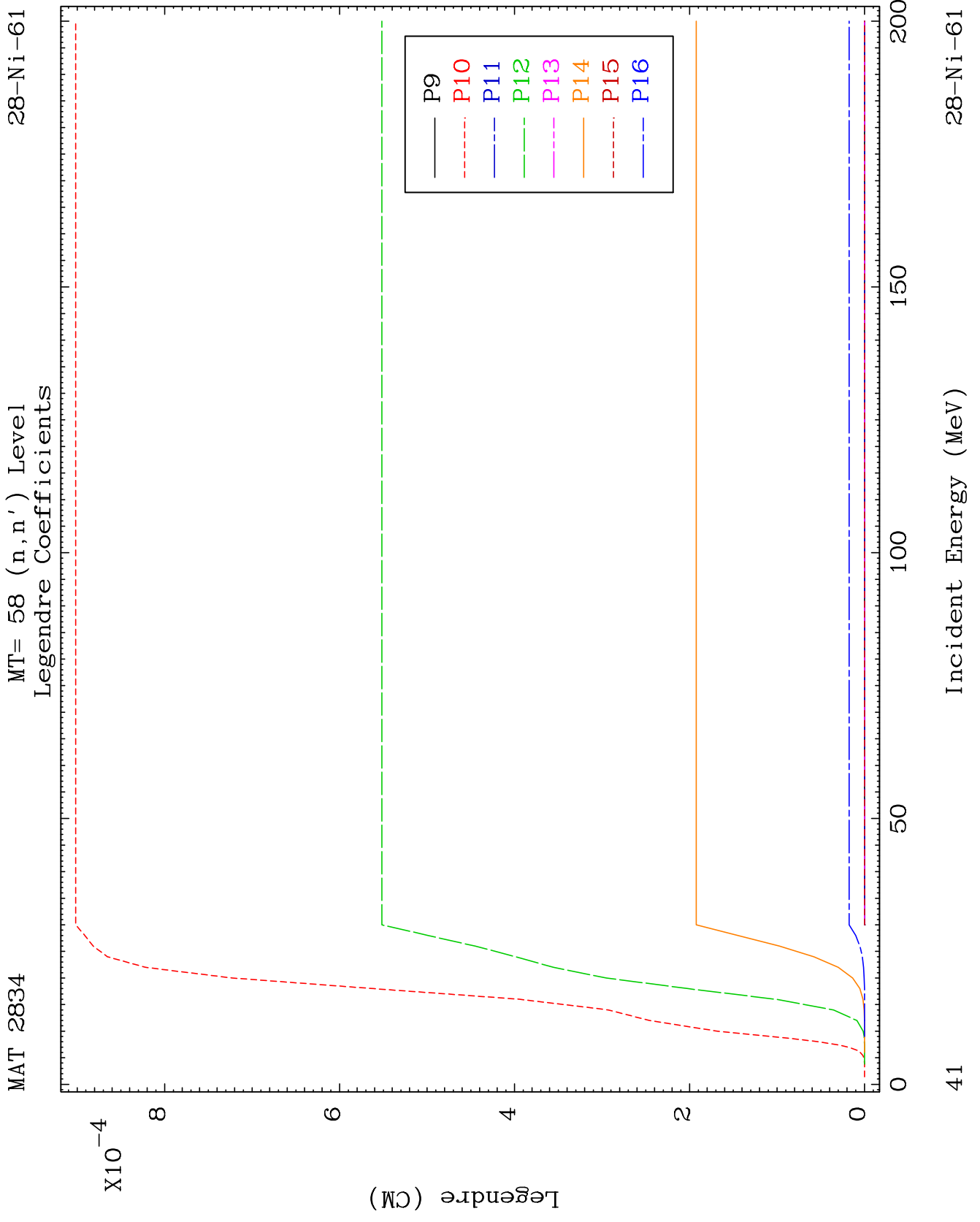
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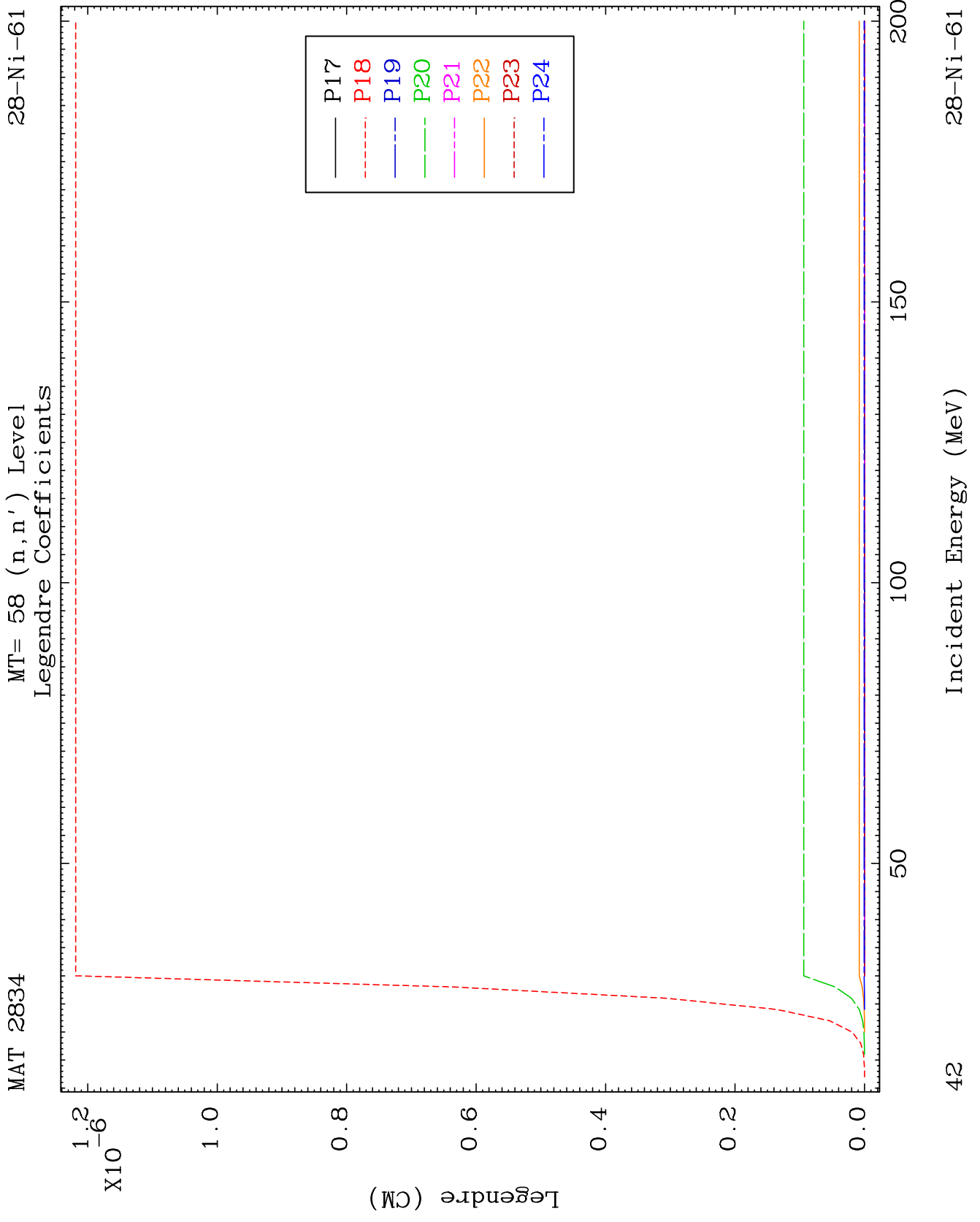
Incident Energy (MeV)

28-Ni-61





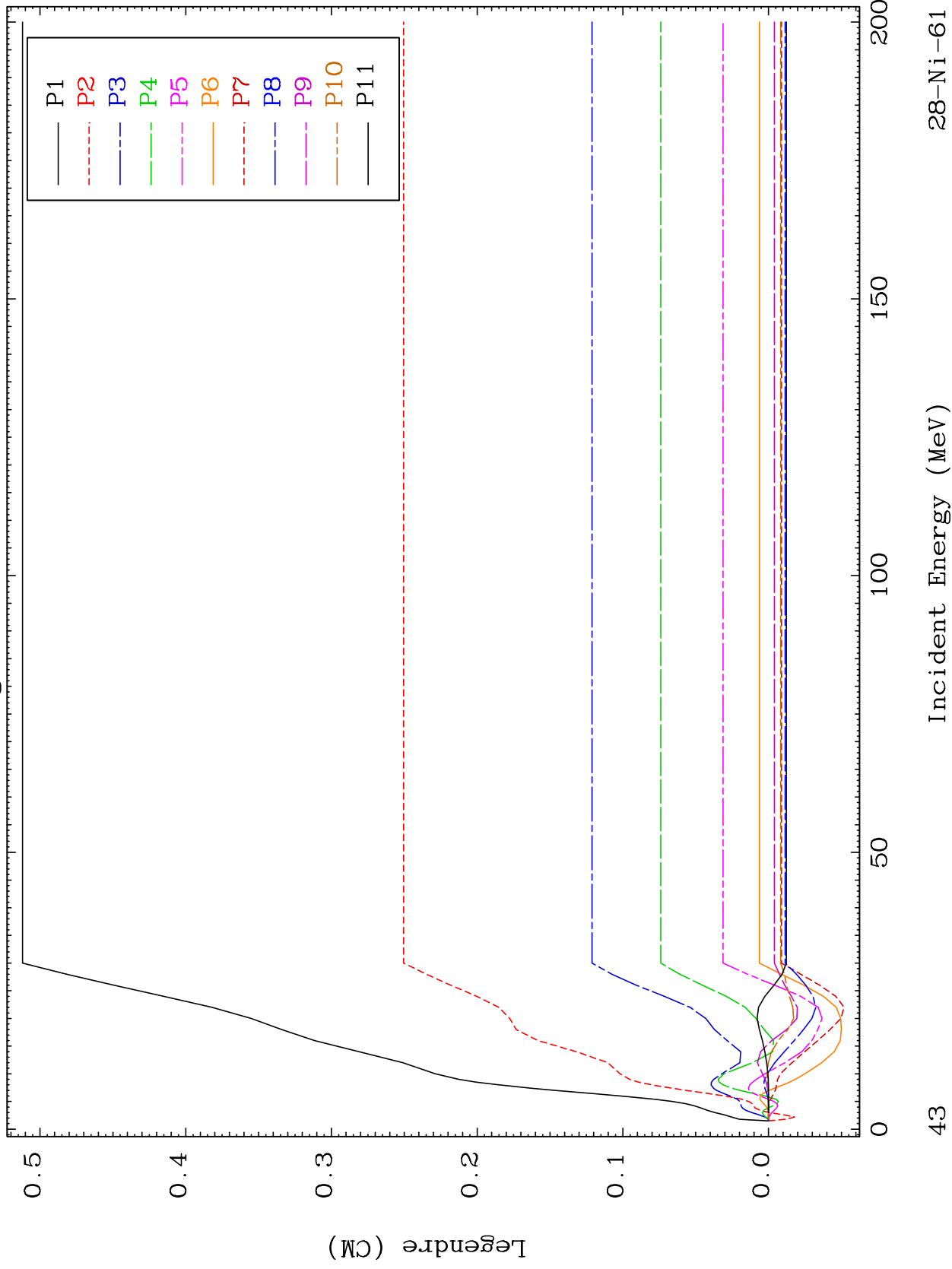




MAT 2834

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

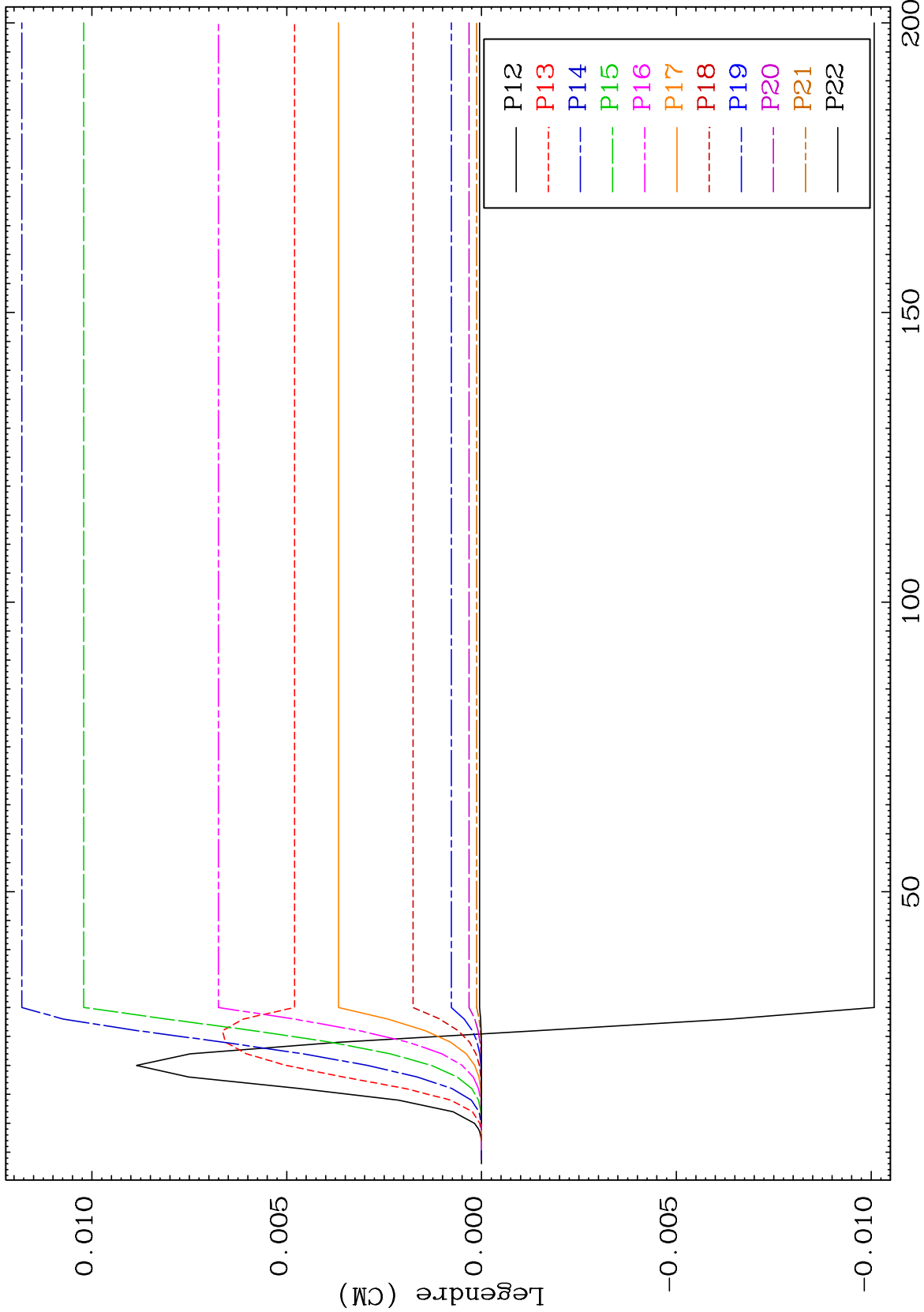
28-Ni-61



MAT 2834

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

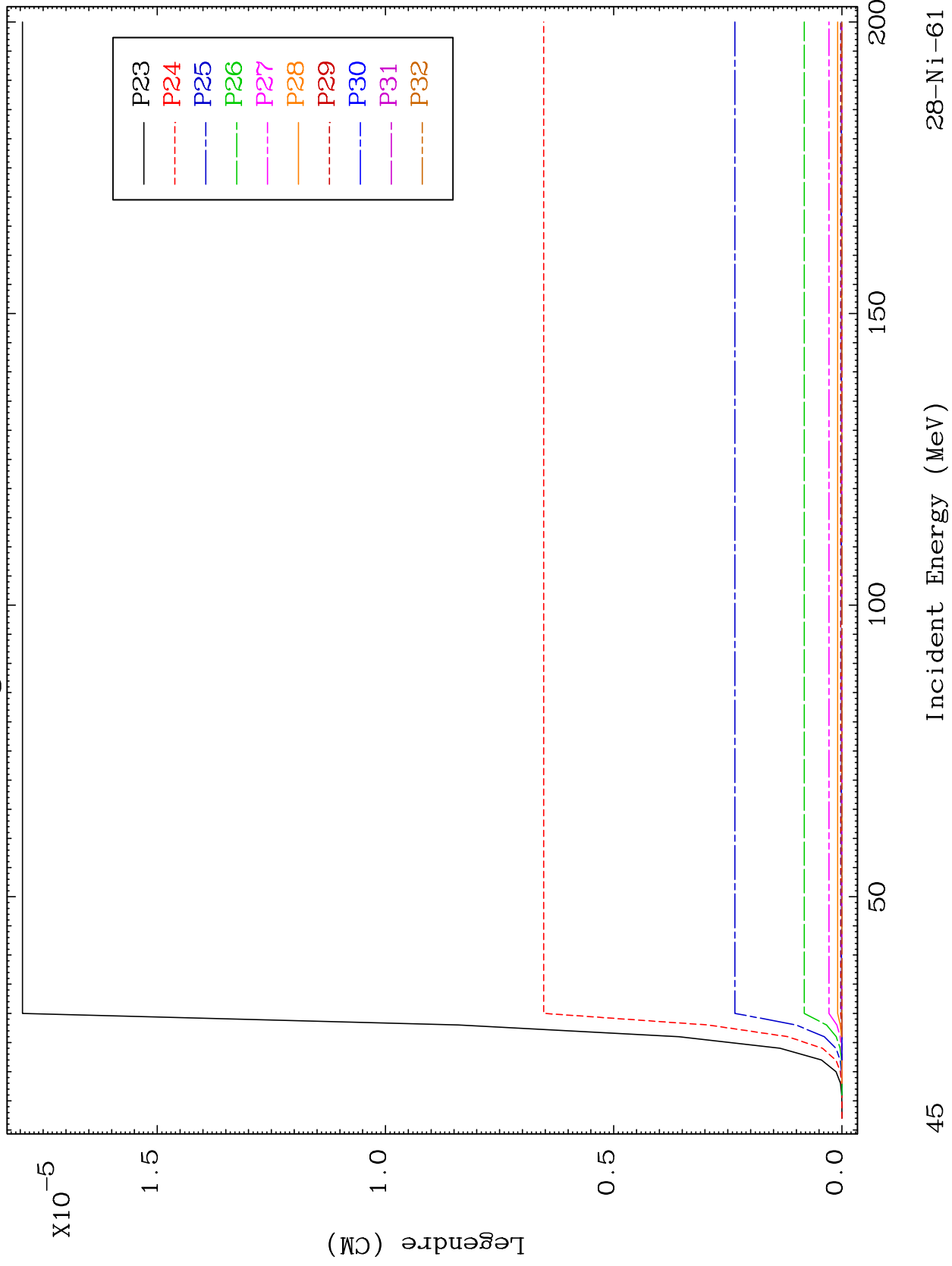
28-Ni-61



MAT 2834

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

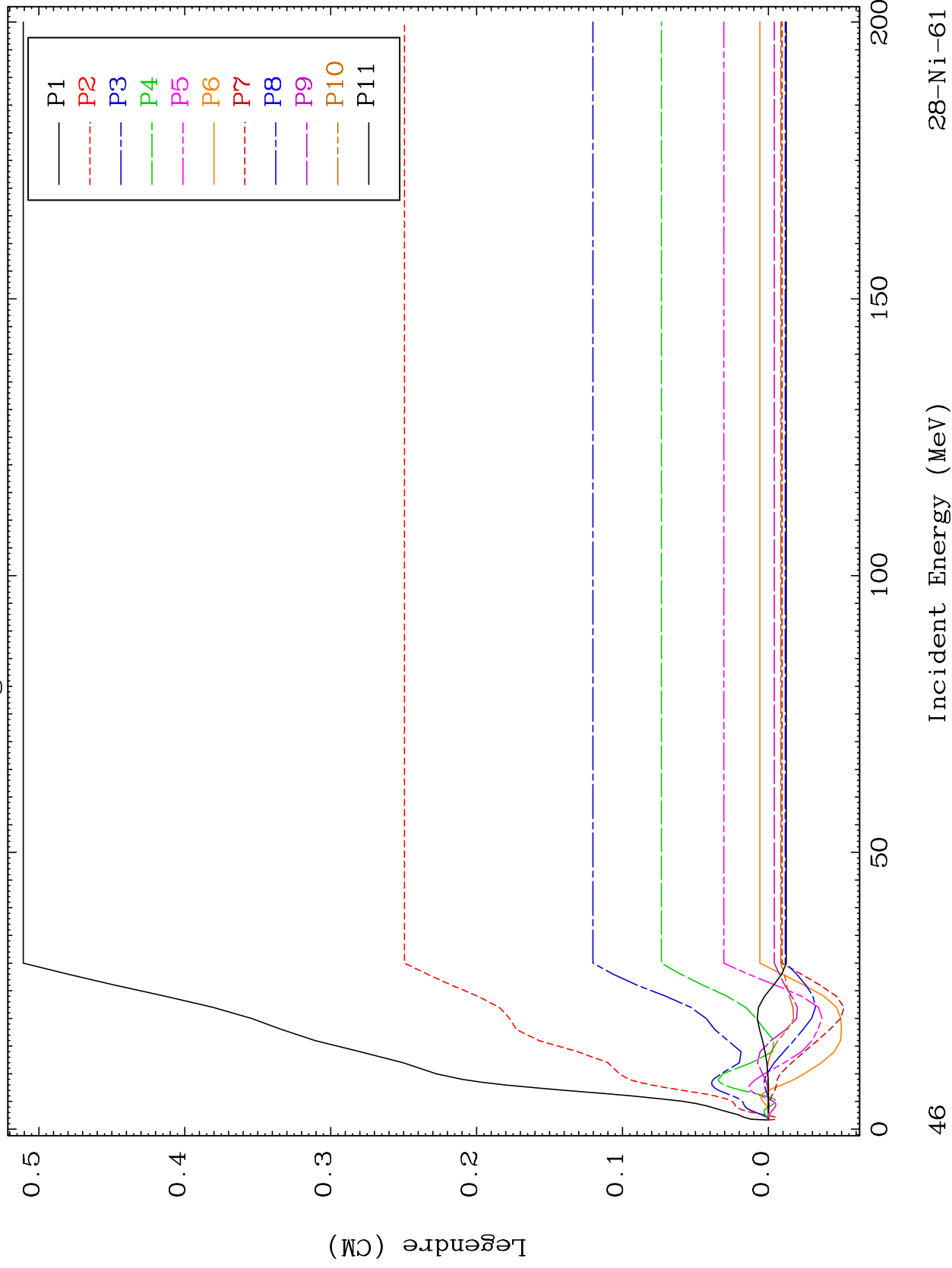
28-Ni-61



MAT 2834

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

28-Ni-61



28-Ni-61

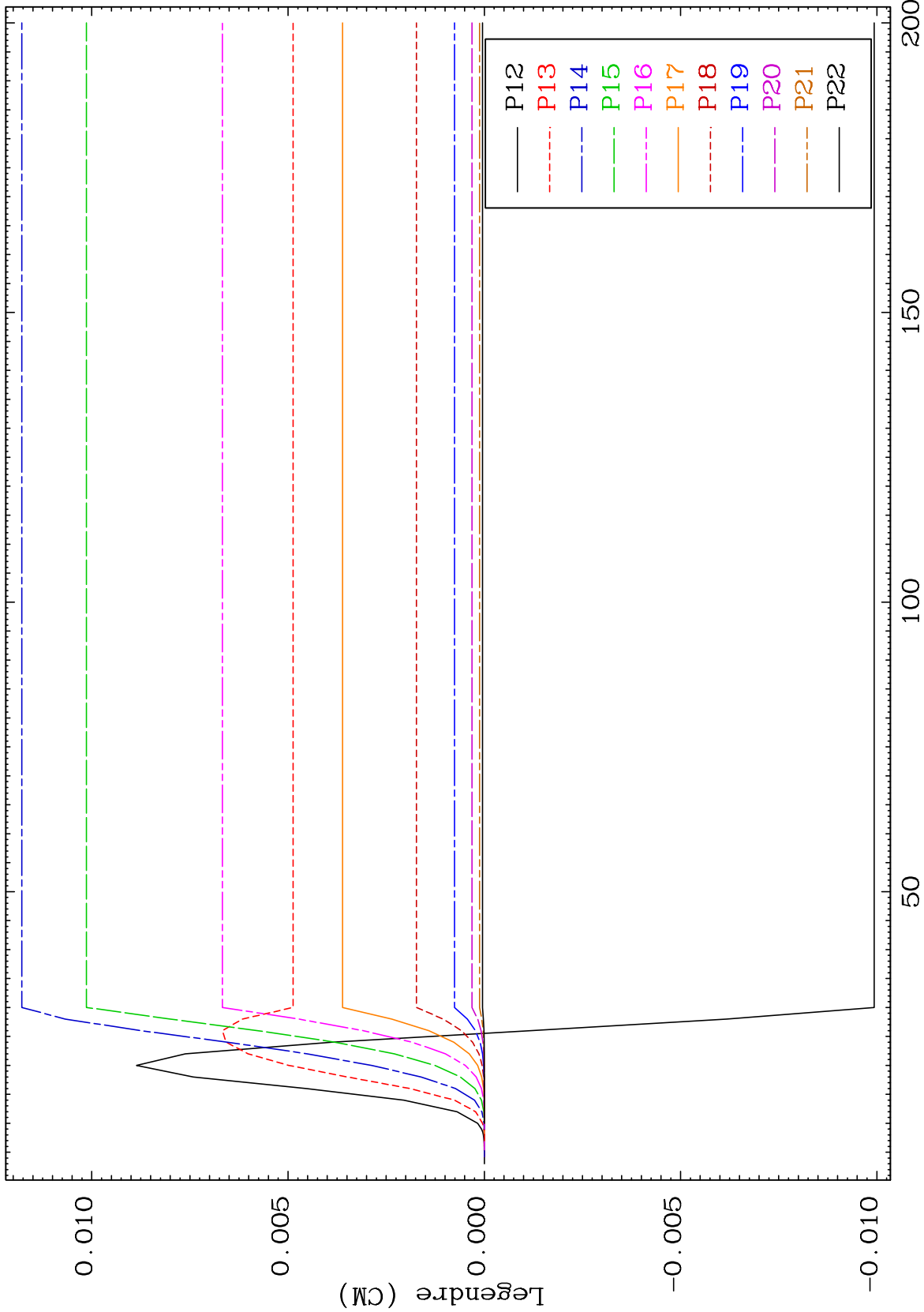
Incident Energy (MeV)

46

MAT 2834

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

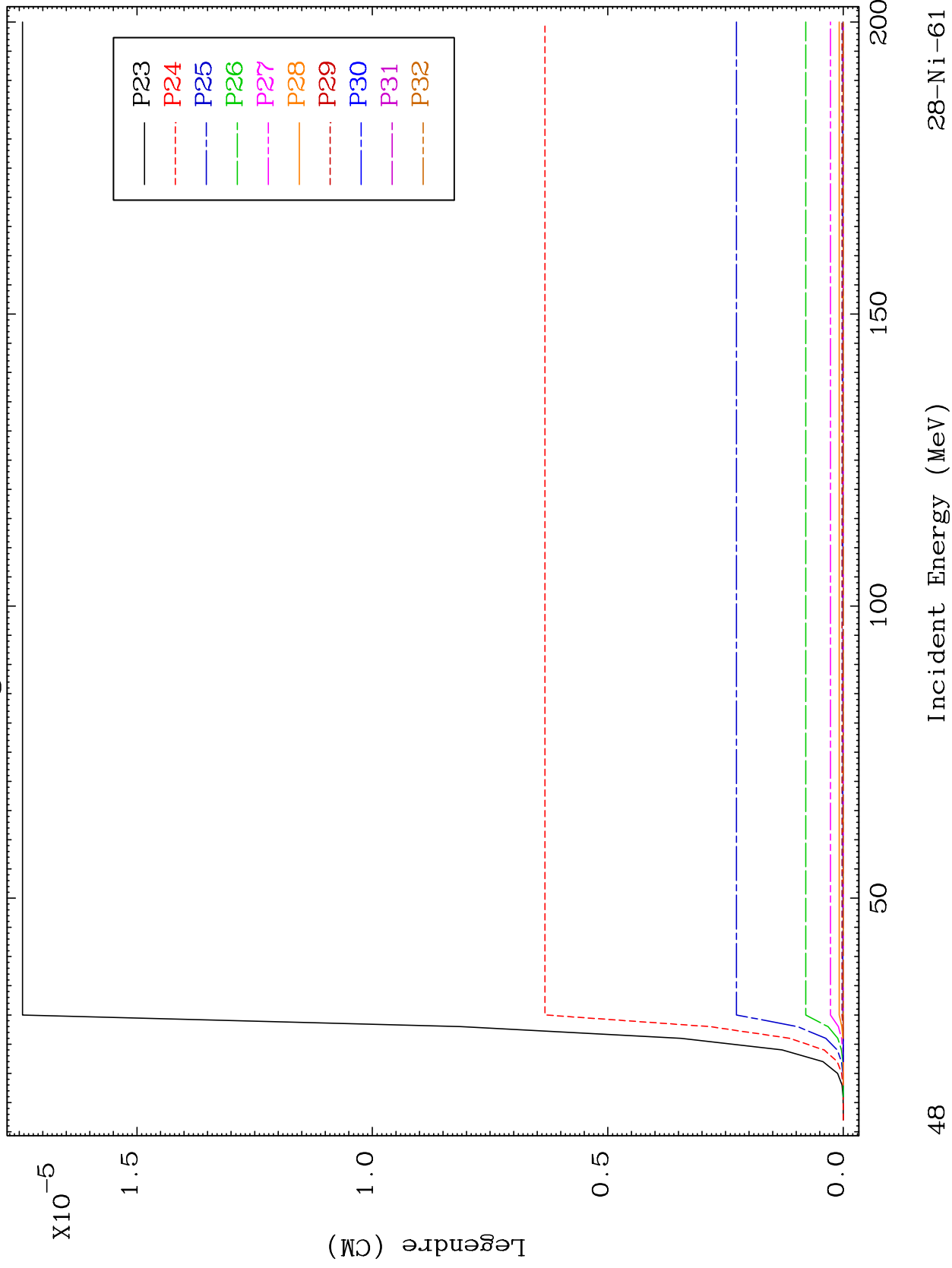
28-Ni-61



MAT 2834

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

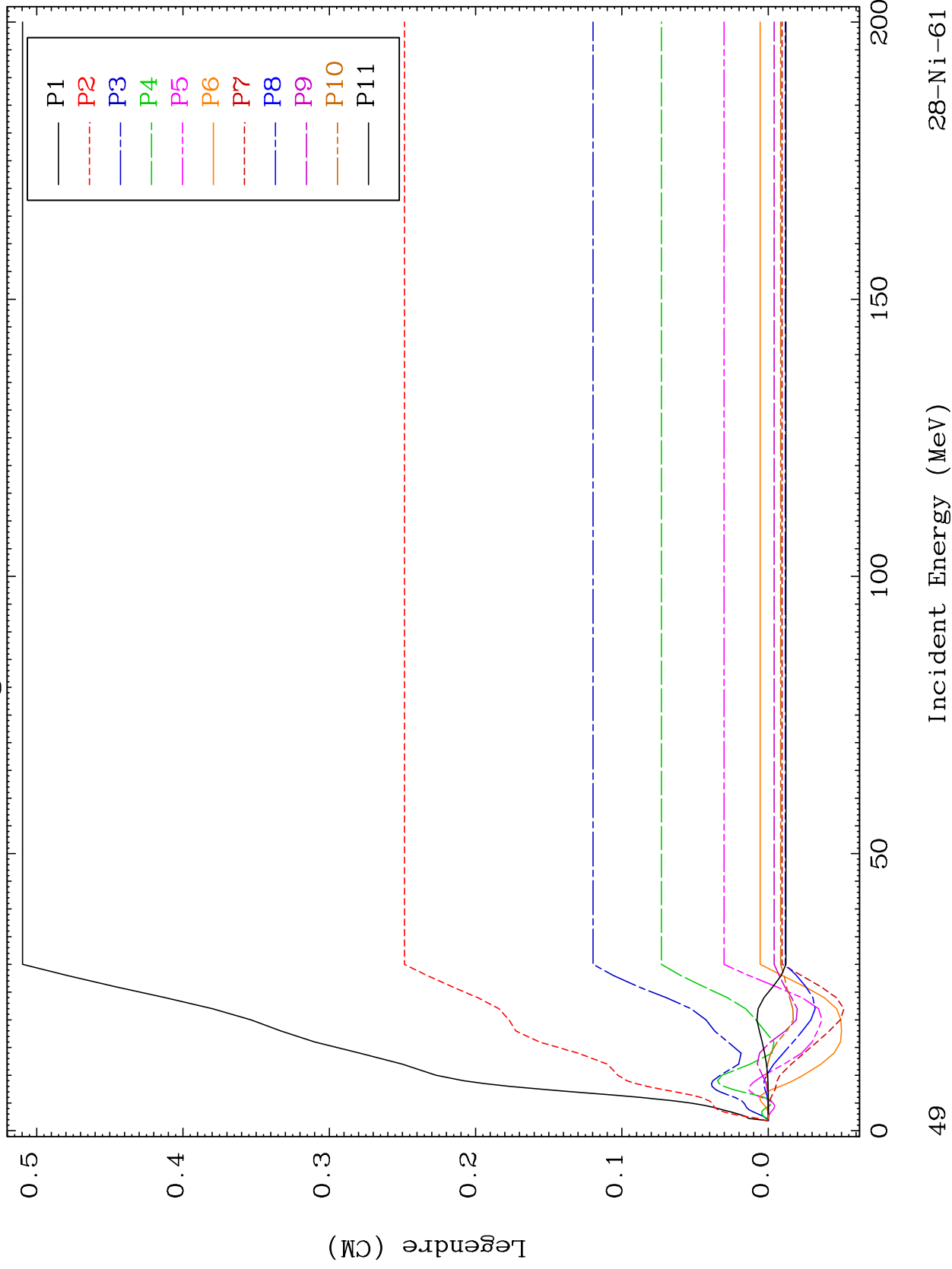
28-Ni-61



MAT 2834

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

28-Ni-61

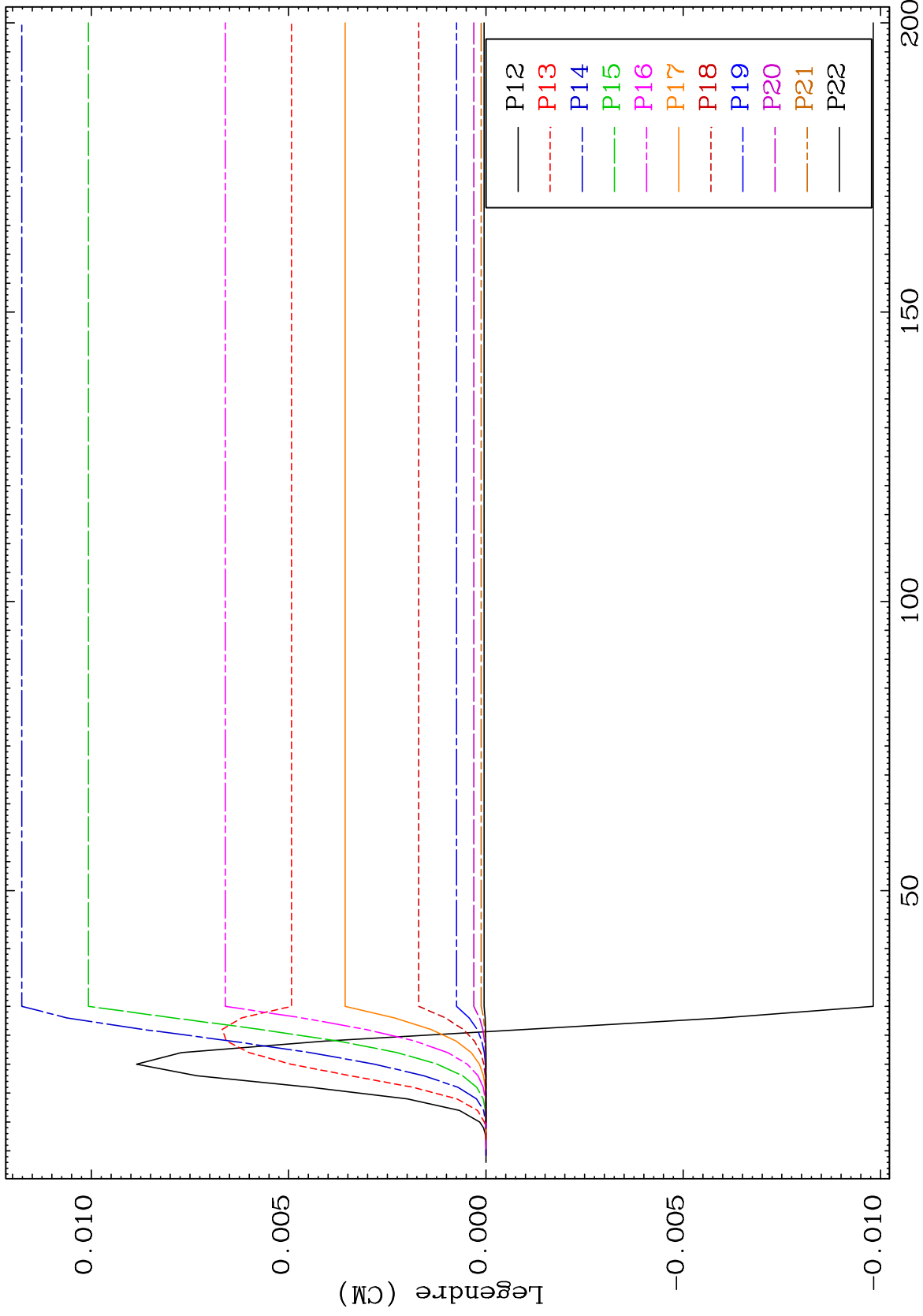


49

MAT 2834

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

28-Ni-61



50

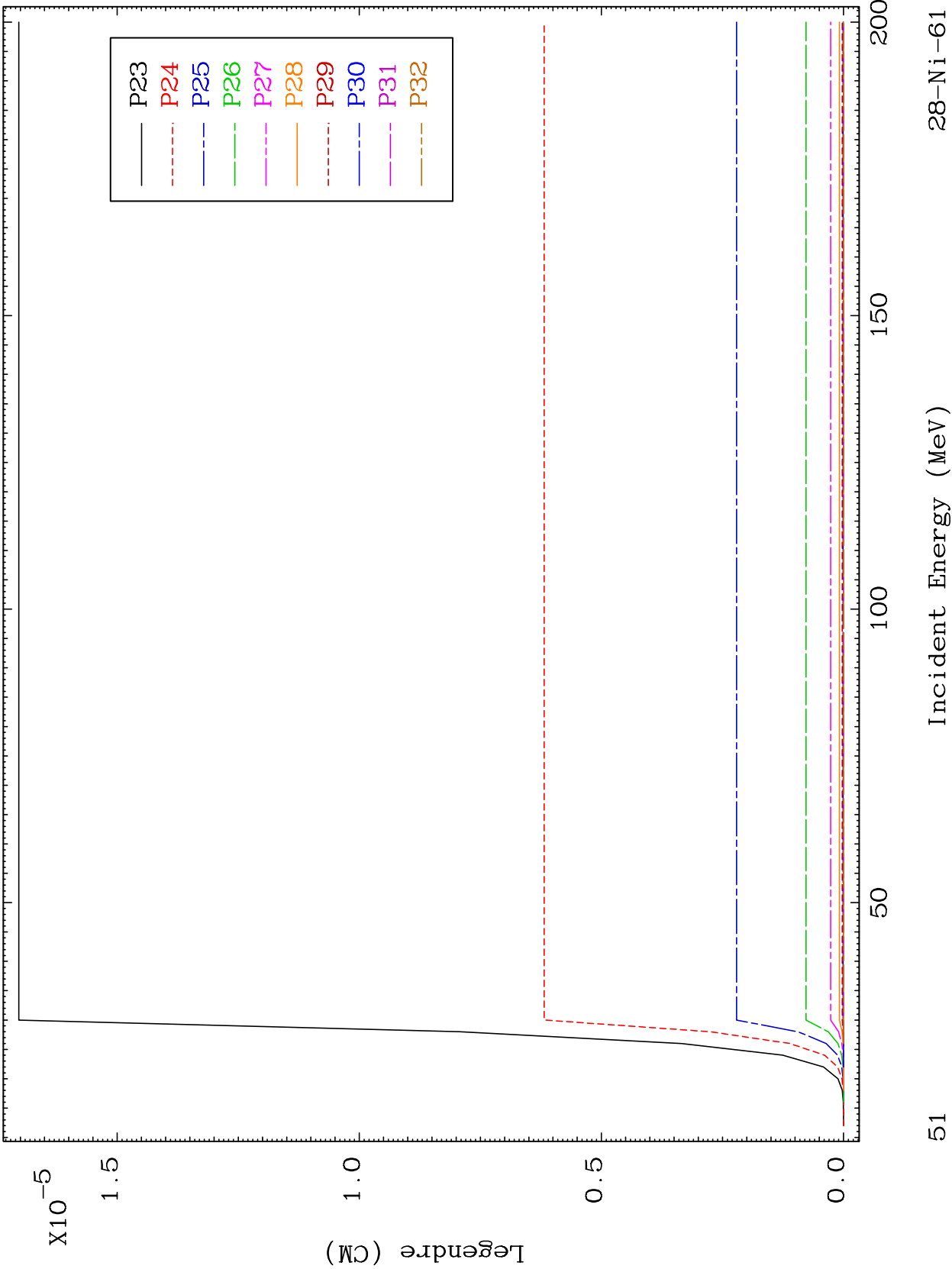
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

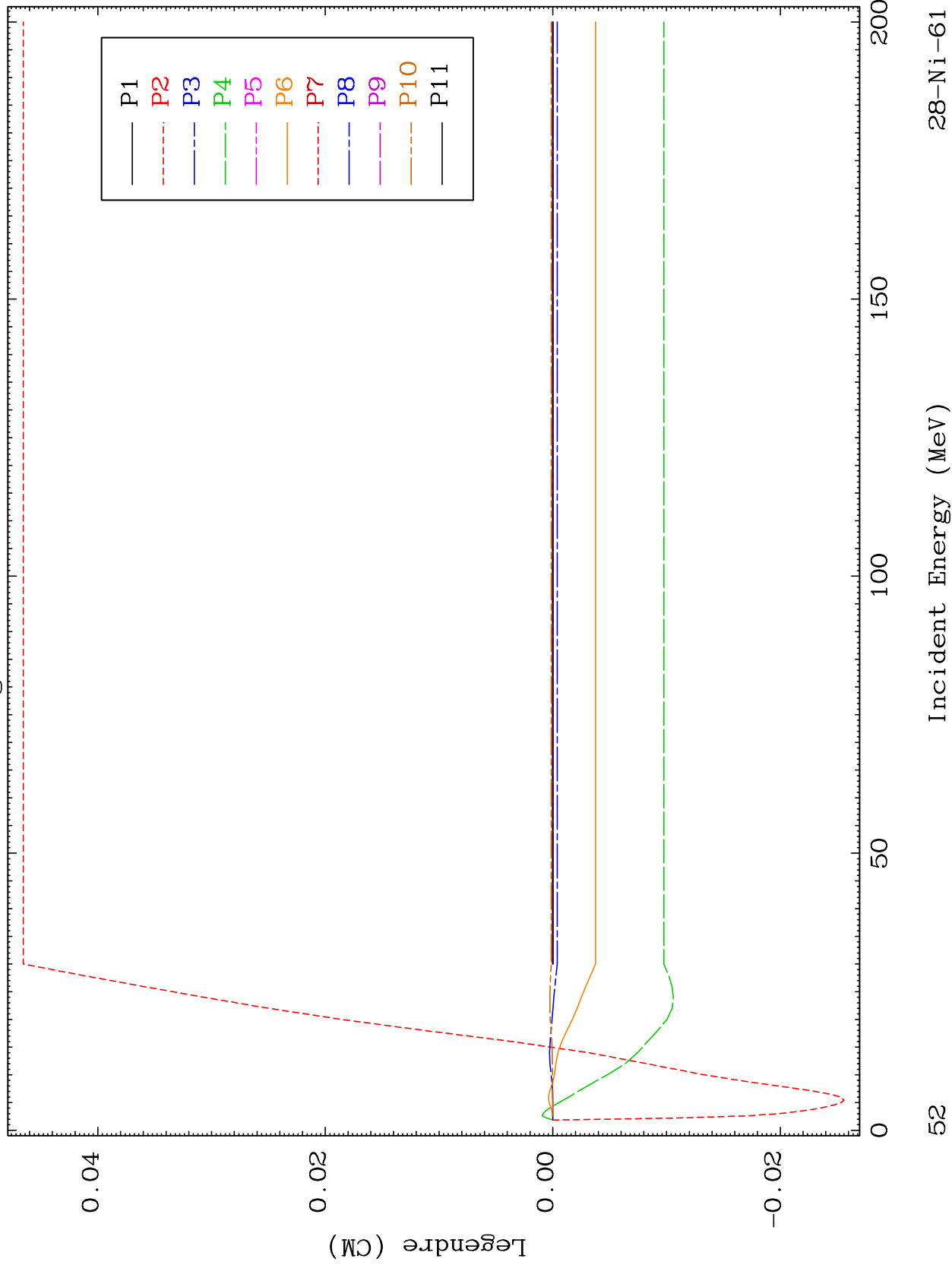
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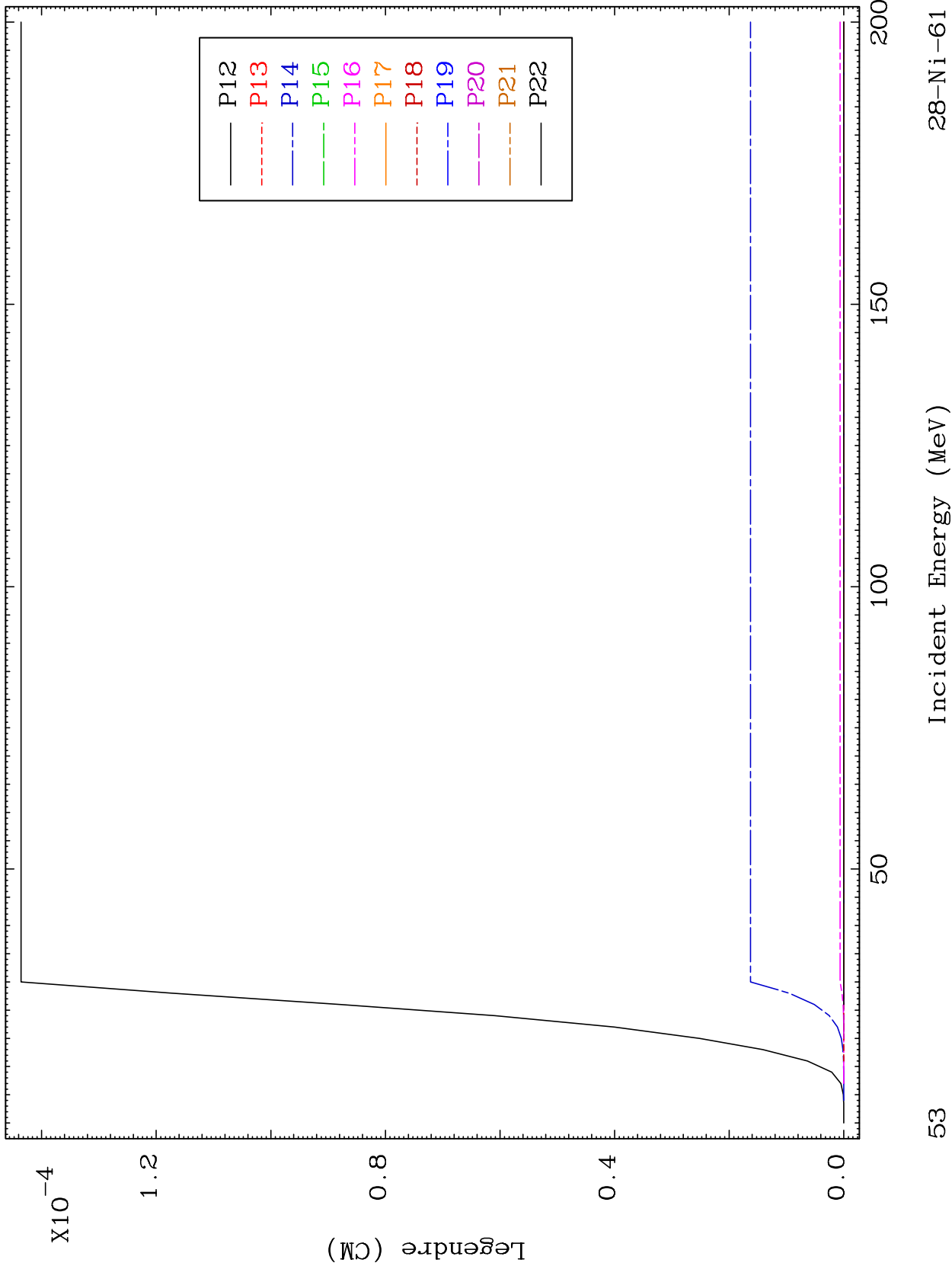


MAT 2834

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

28-Ni-61

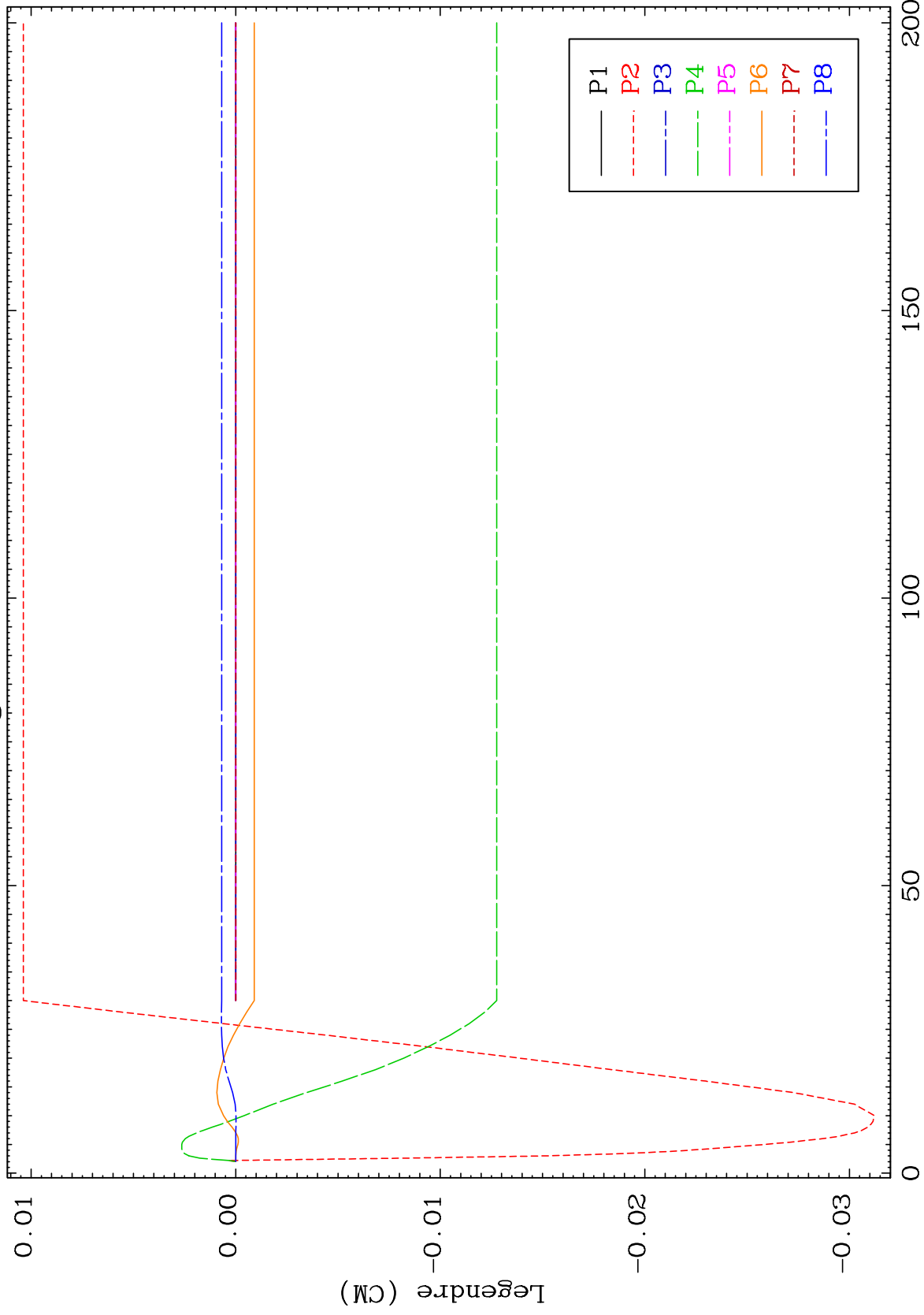




MAT 2834

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

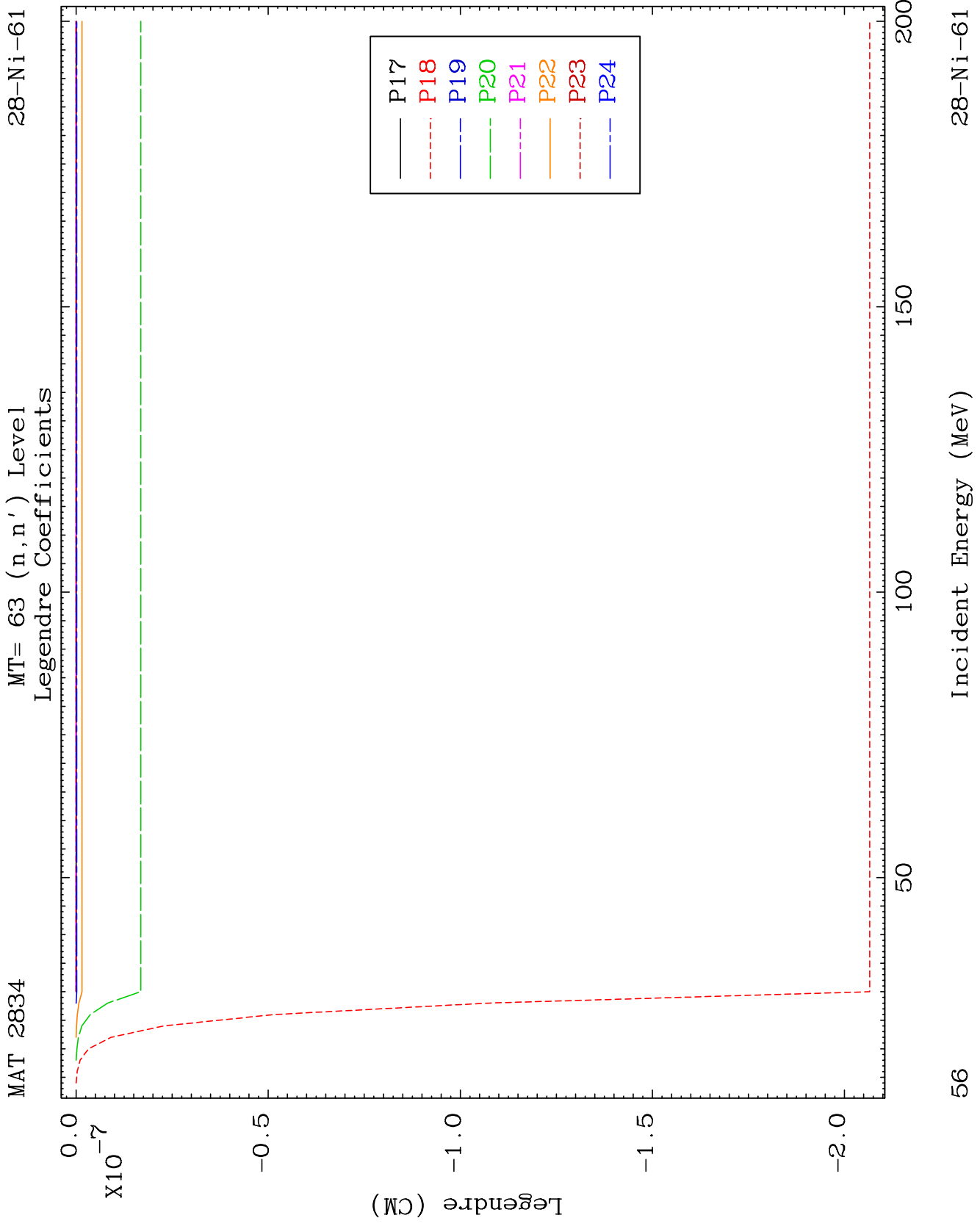
28-Ni-61



54

Incident Energy (MeV)

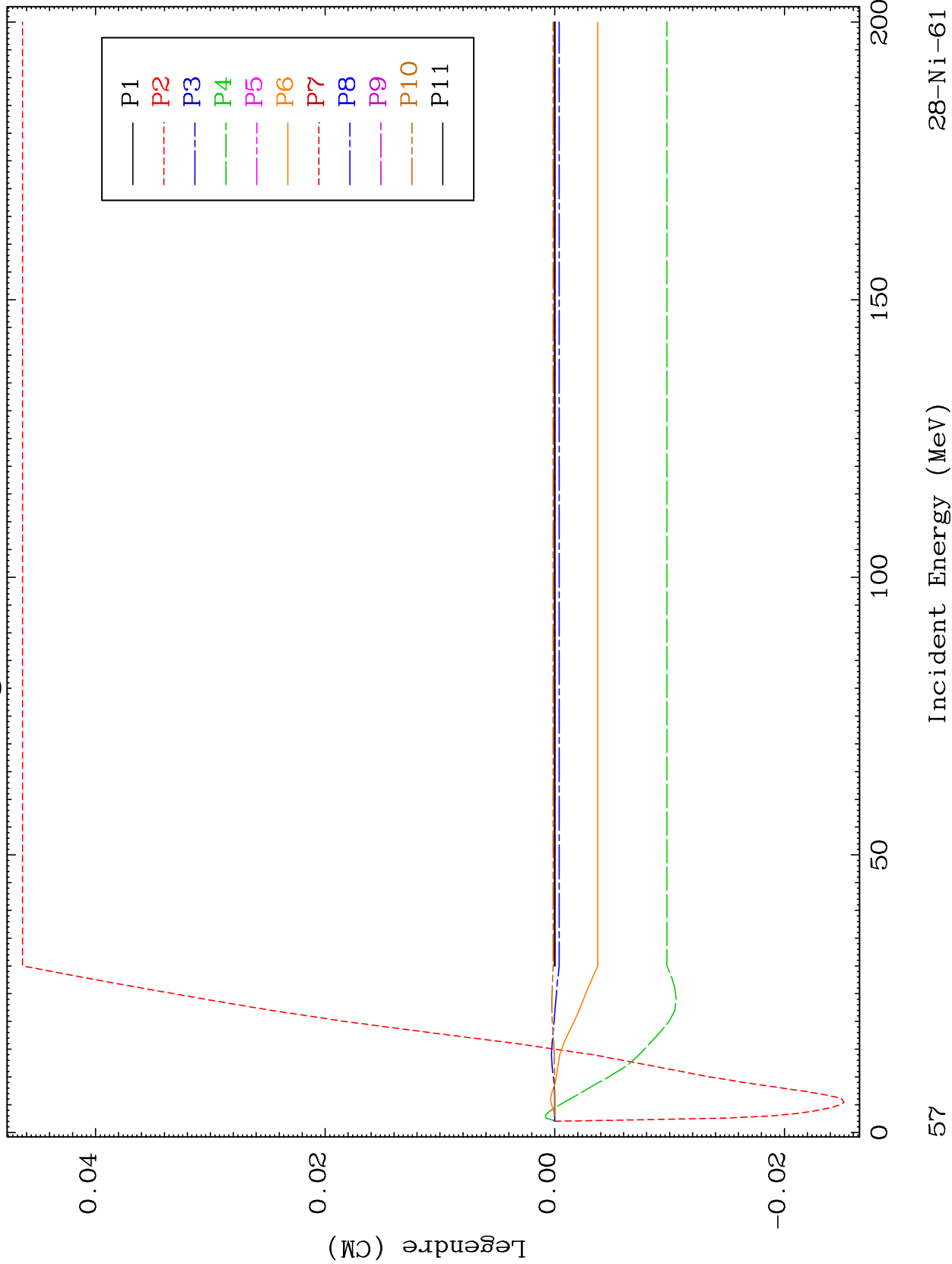
28-Ni-61



MAT 2834

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

28-Ni-61



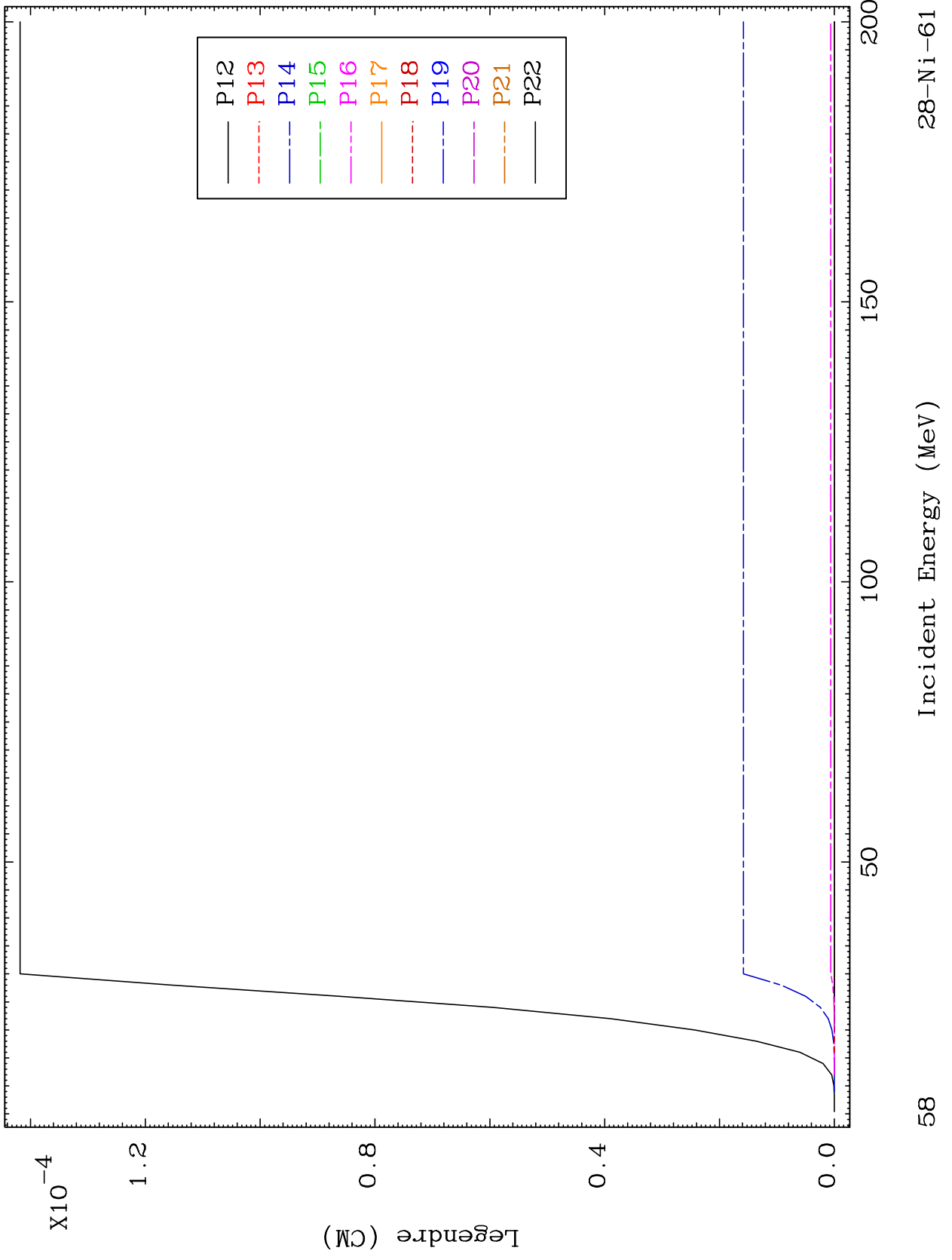
57

28-Ni-61

MAT 2834

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

28-Ni-61

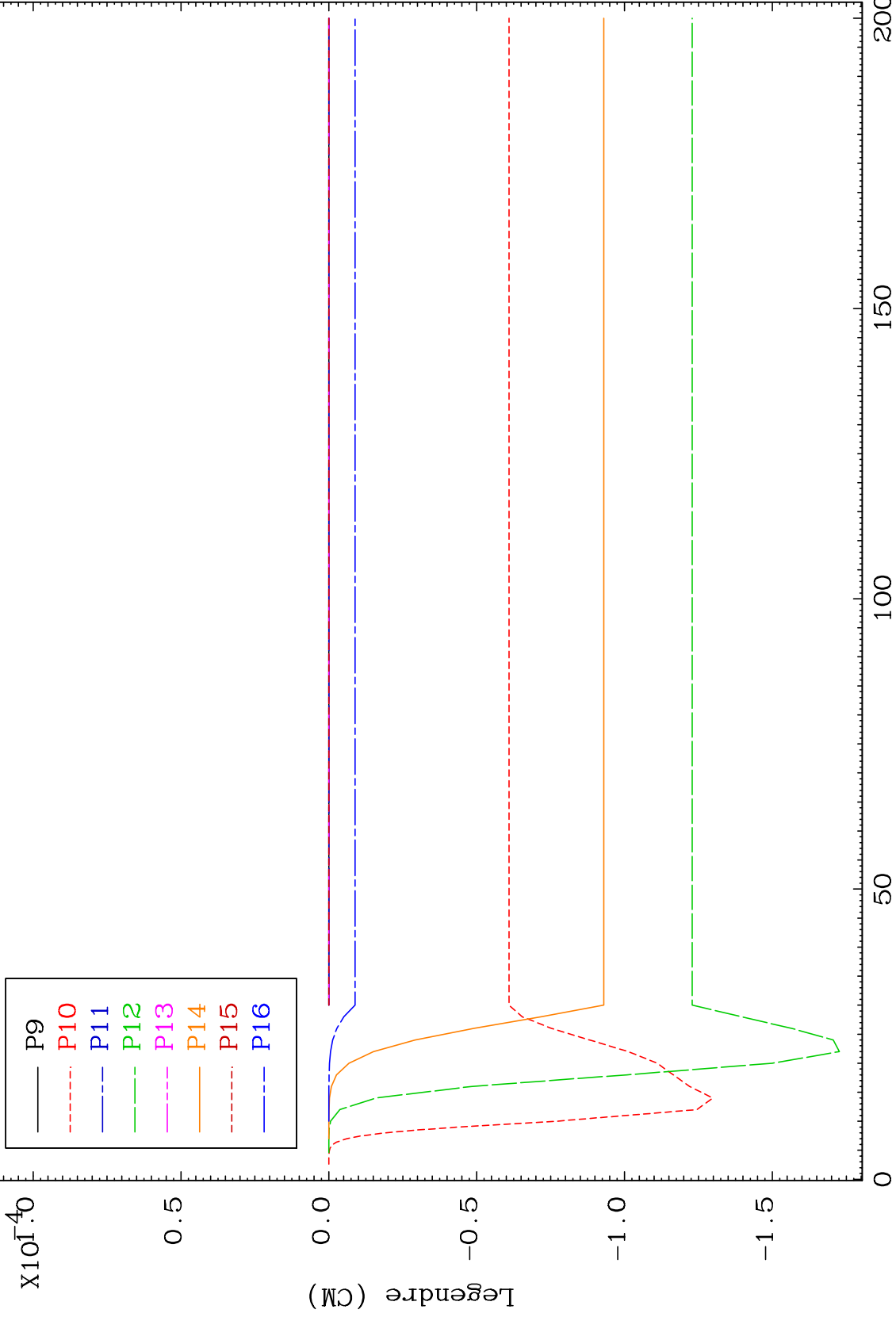
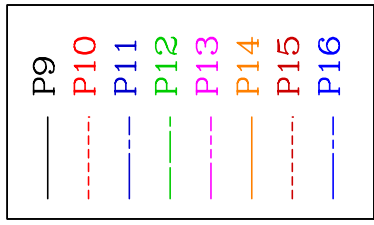


58

MAT 2834

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

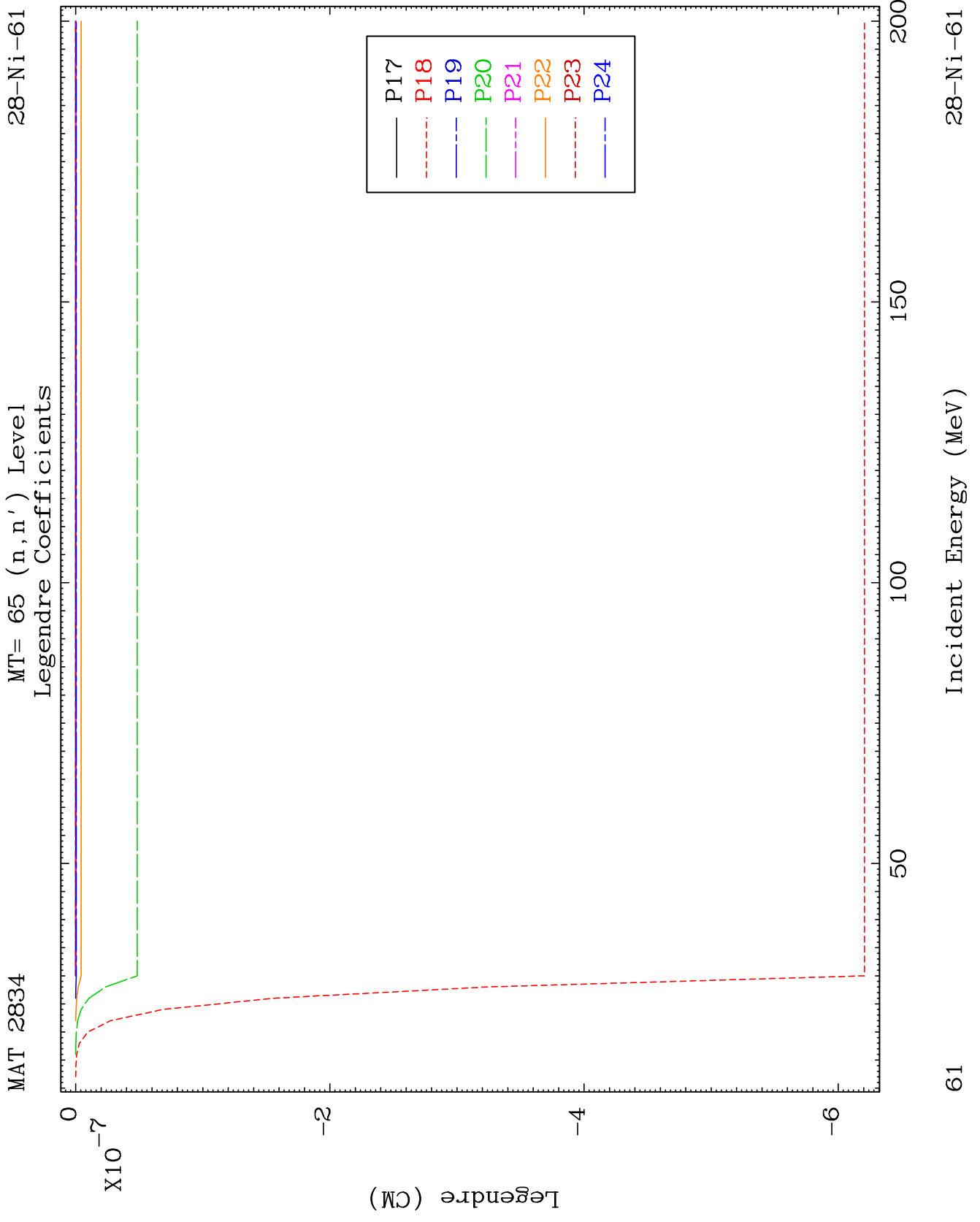
28-Ni-61



60

Incident Energy (MeV)

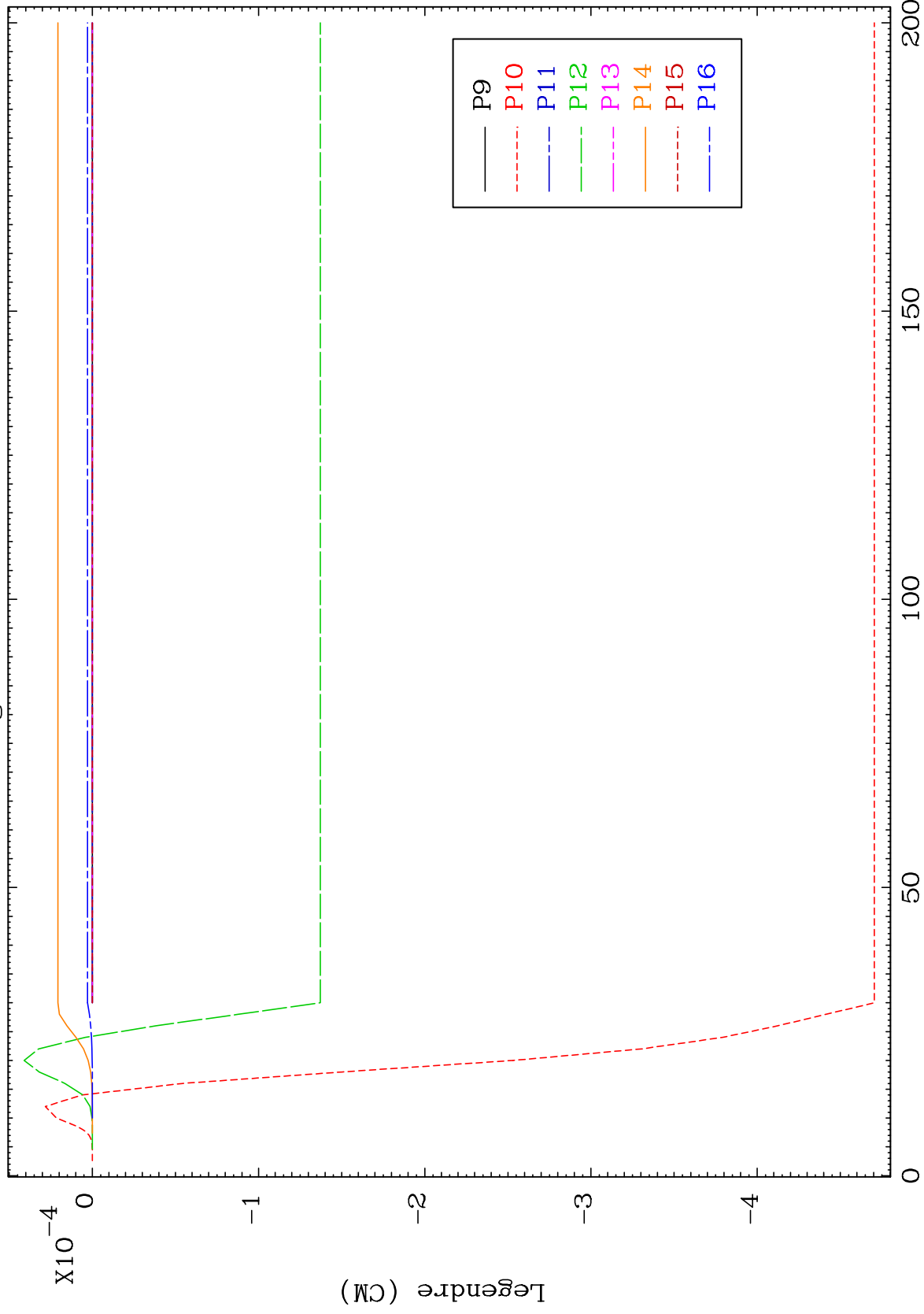
28-Ni-61



MAT 2834

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

28-Ni-61



63

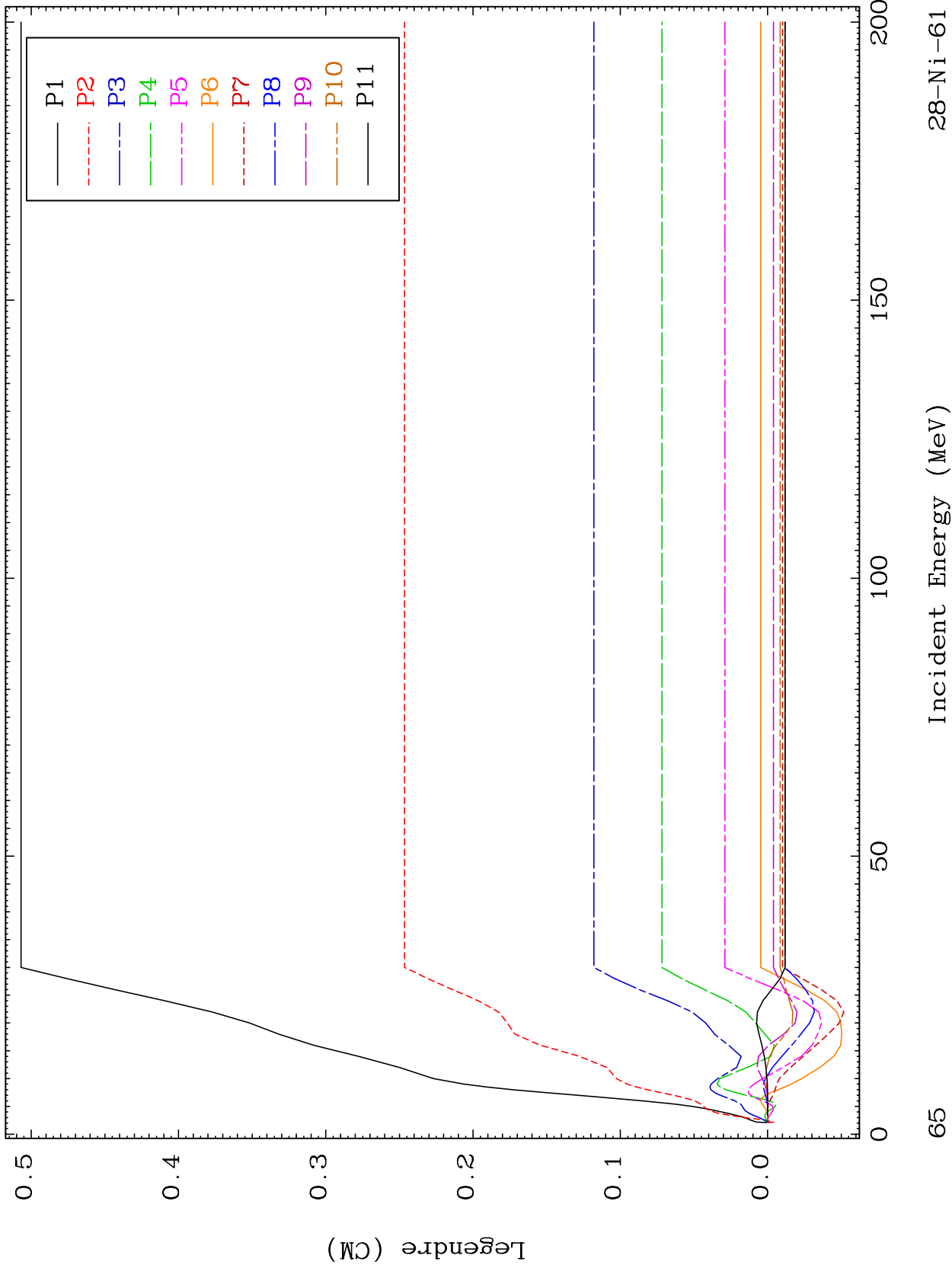
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

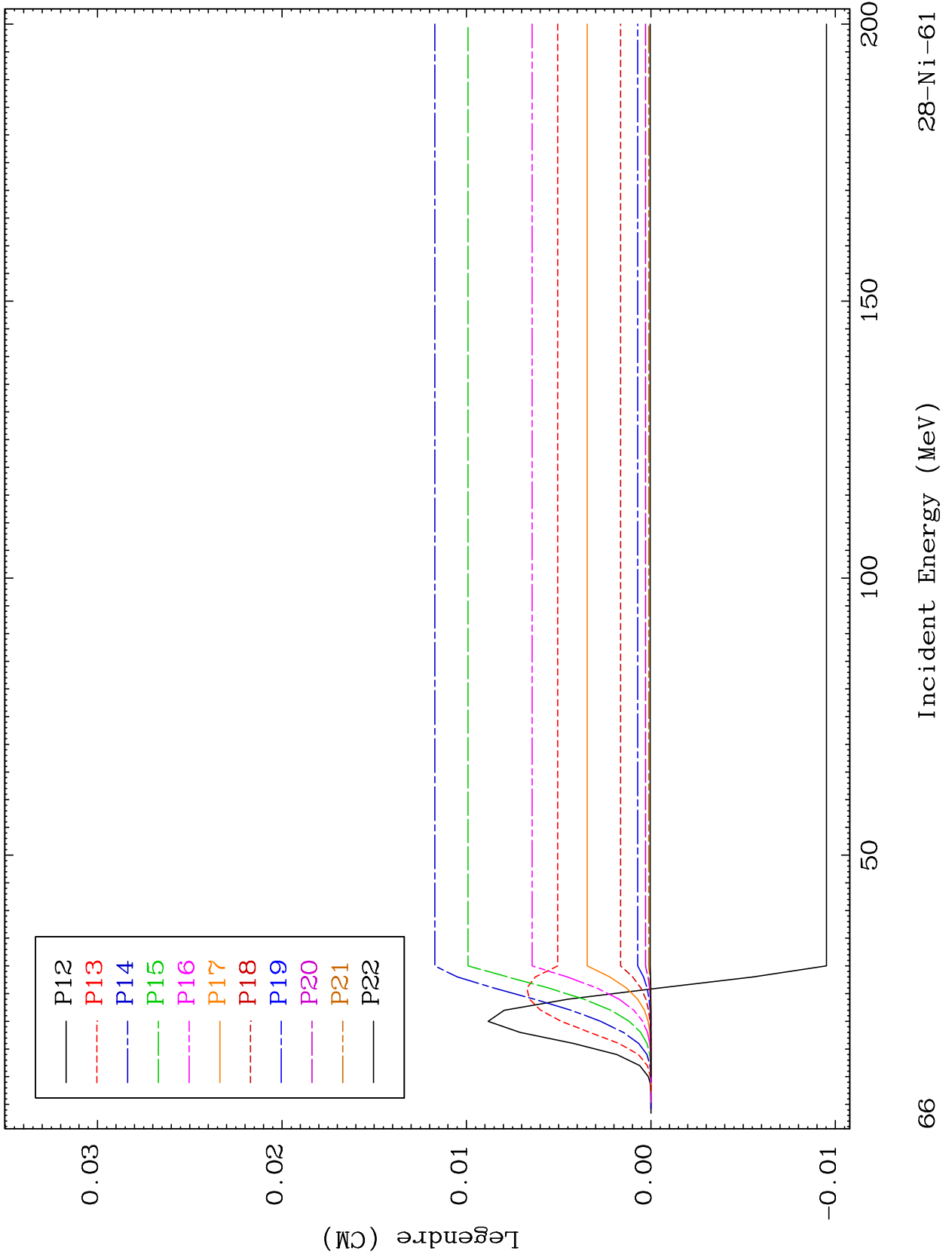
28-Ni-61



28-Ni-61

Incident Energy (MeV)

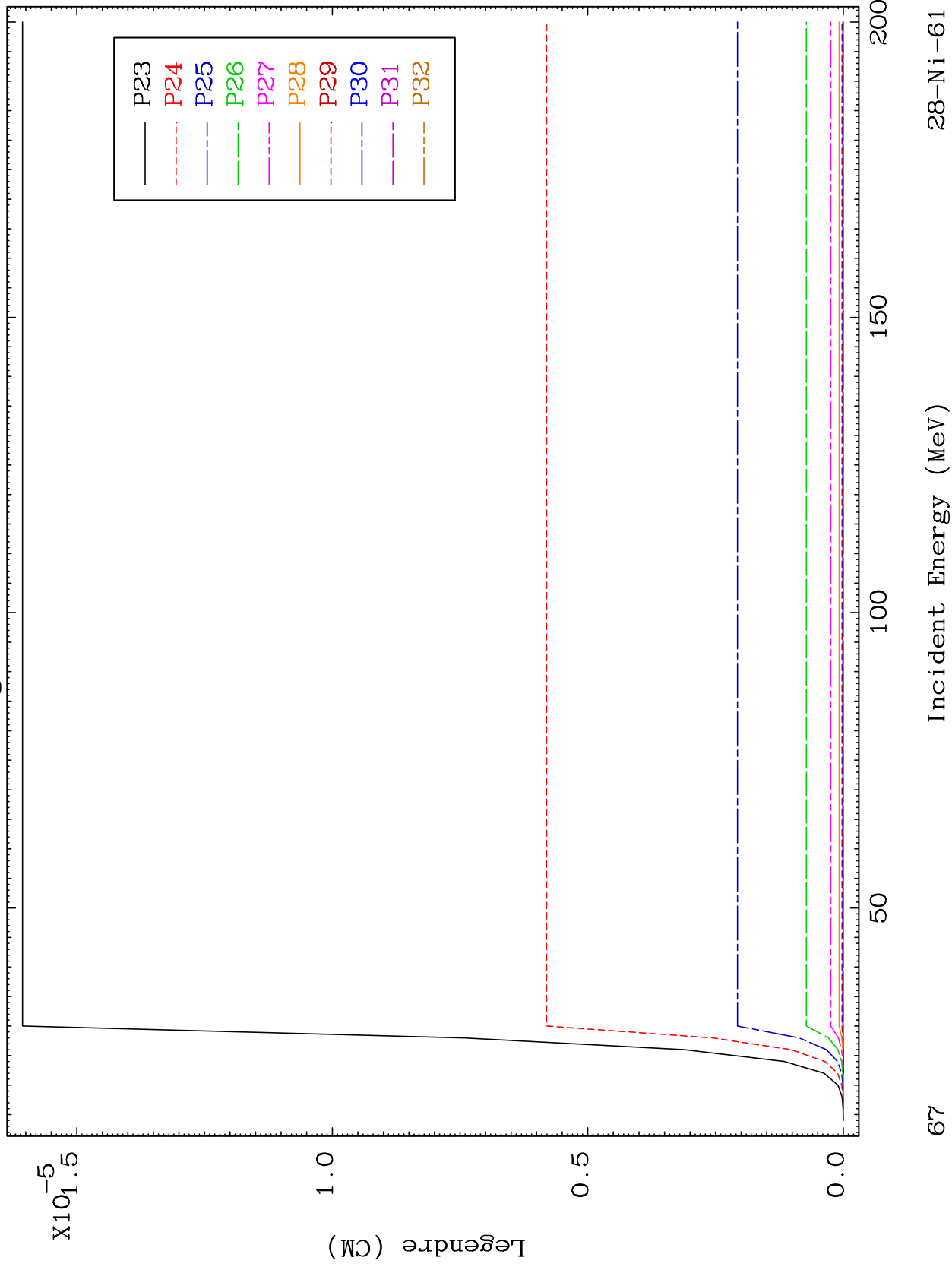
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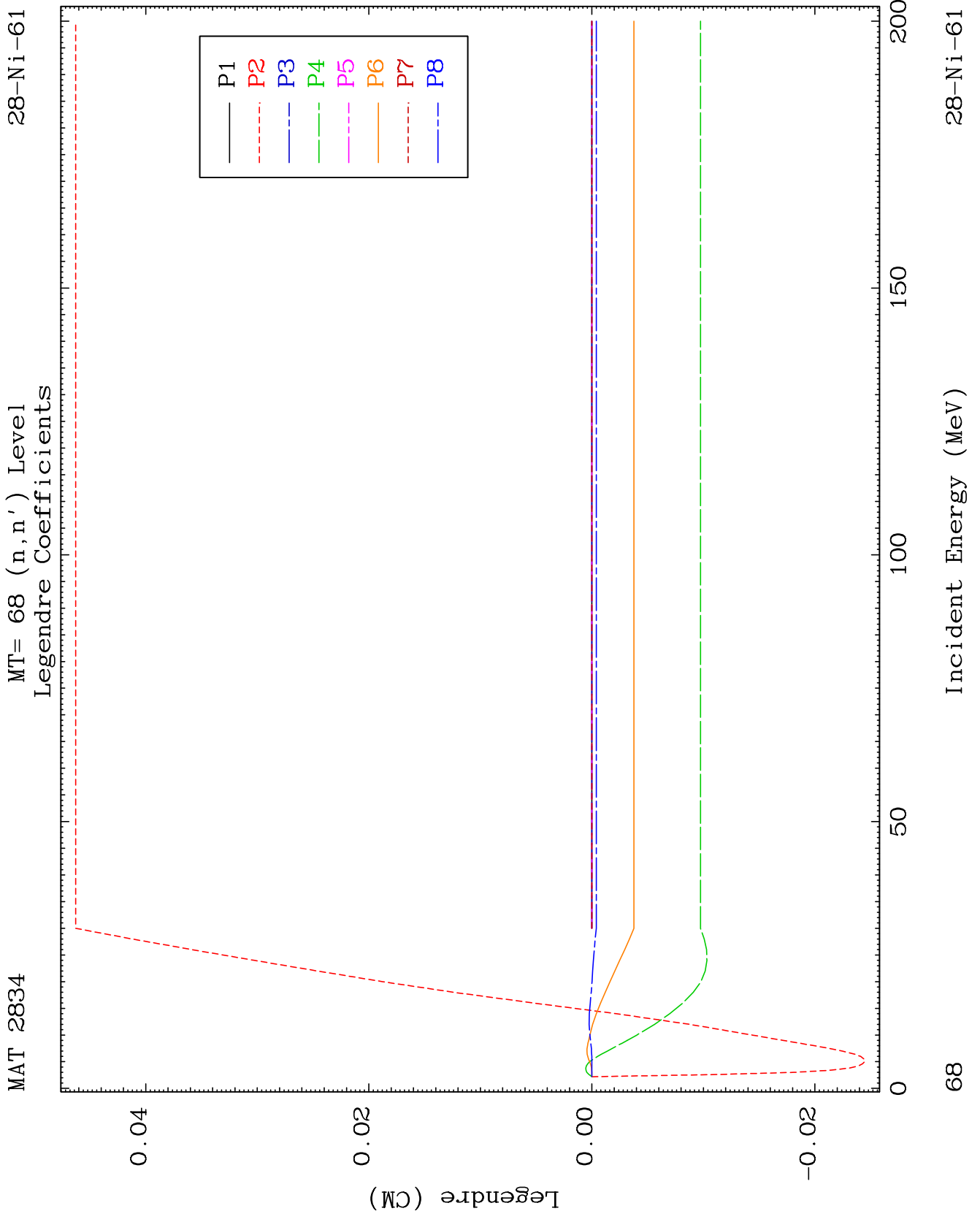


MAT 2834

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

28-Ni-61

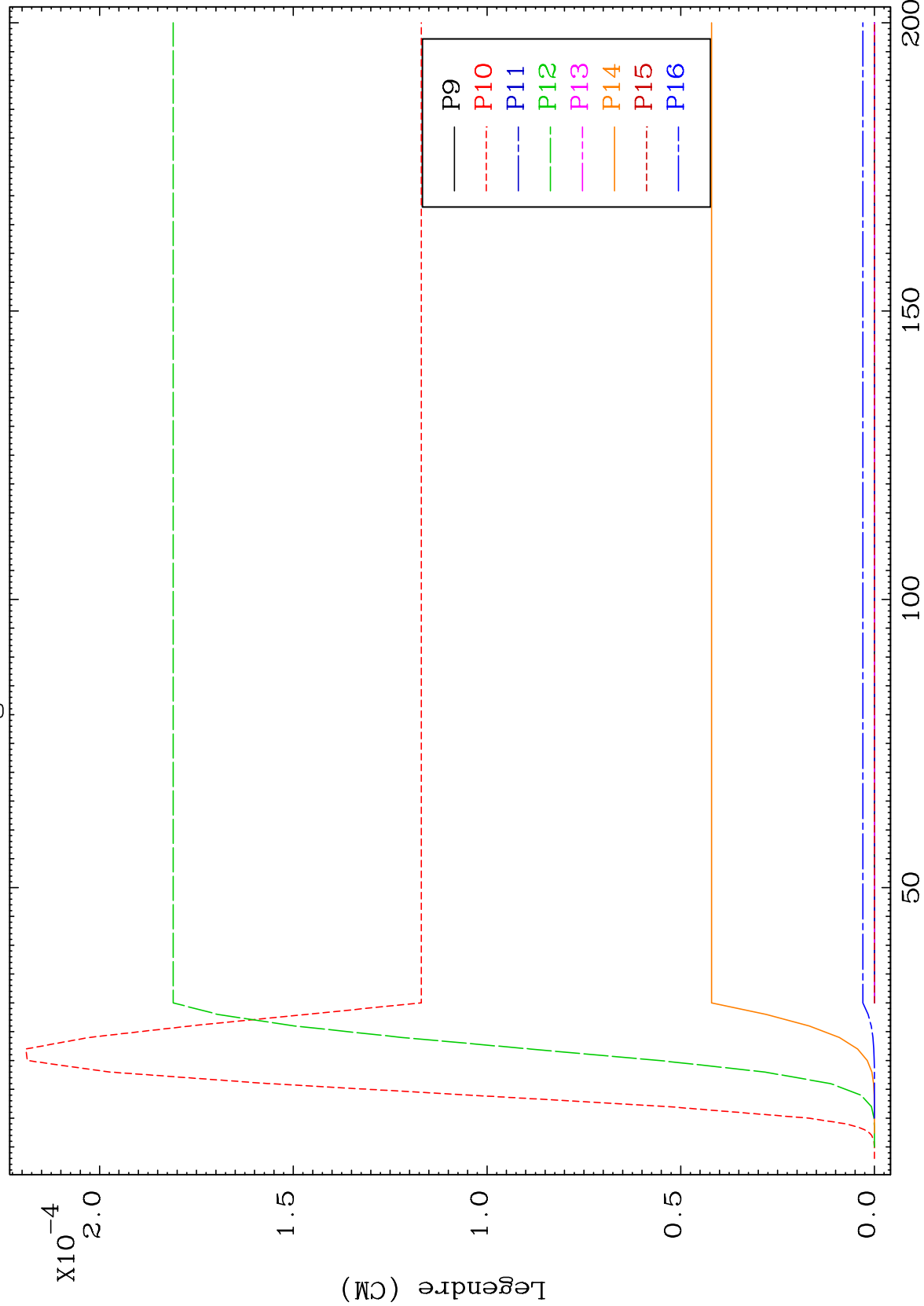




MAT 2834

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

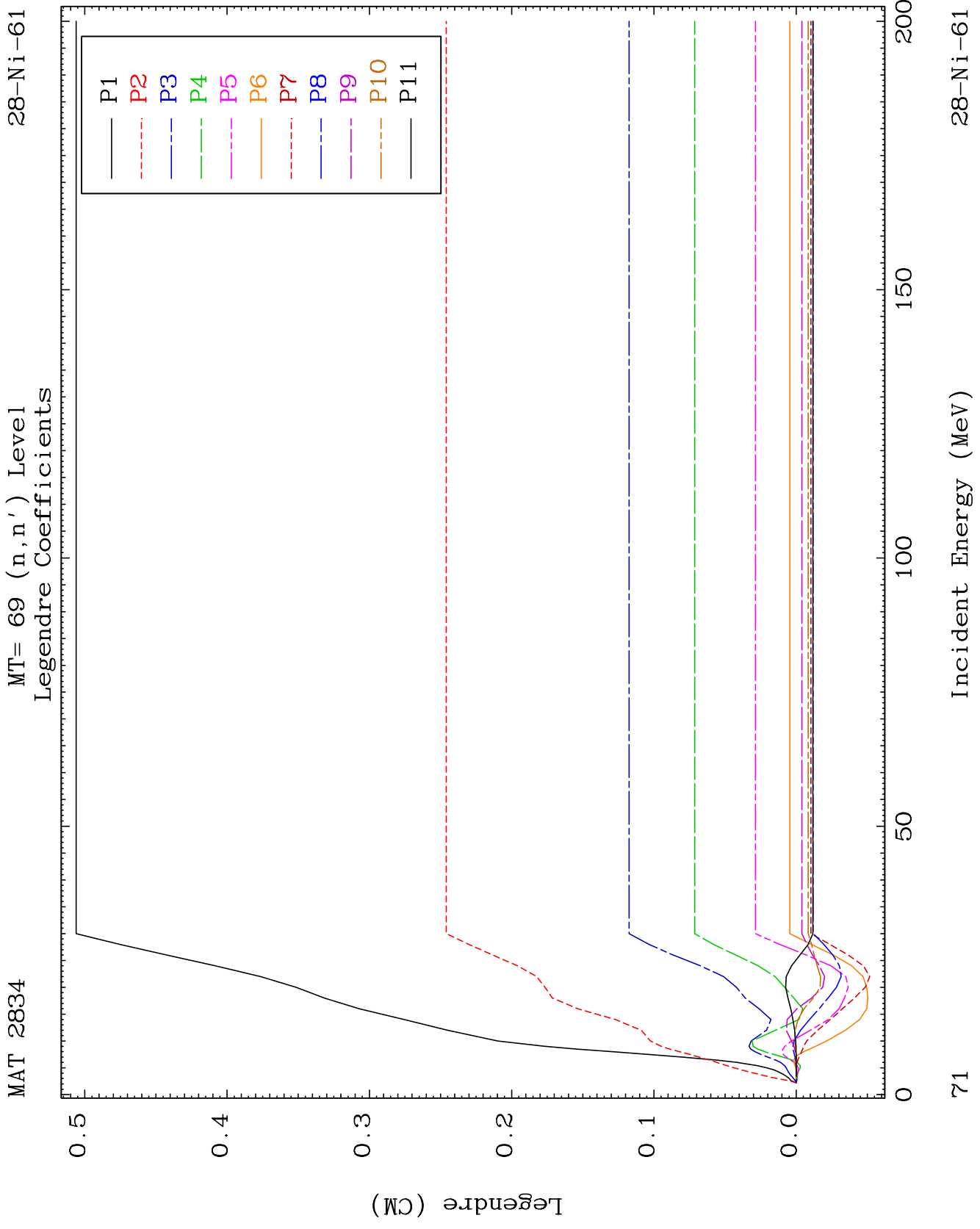
28-Ni-61

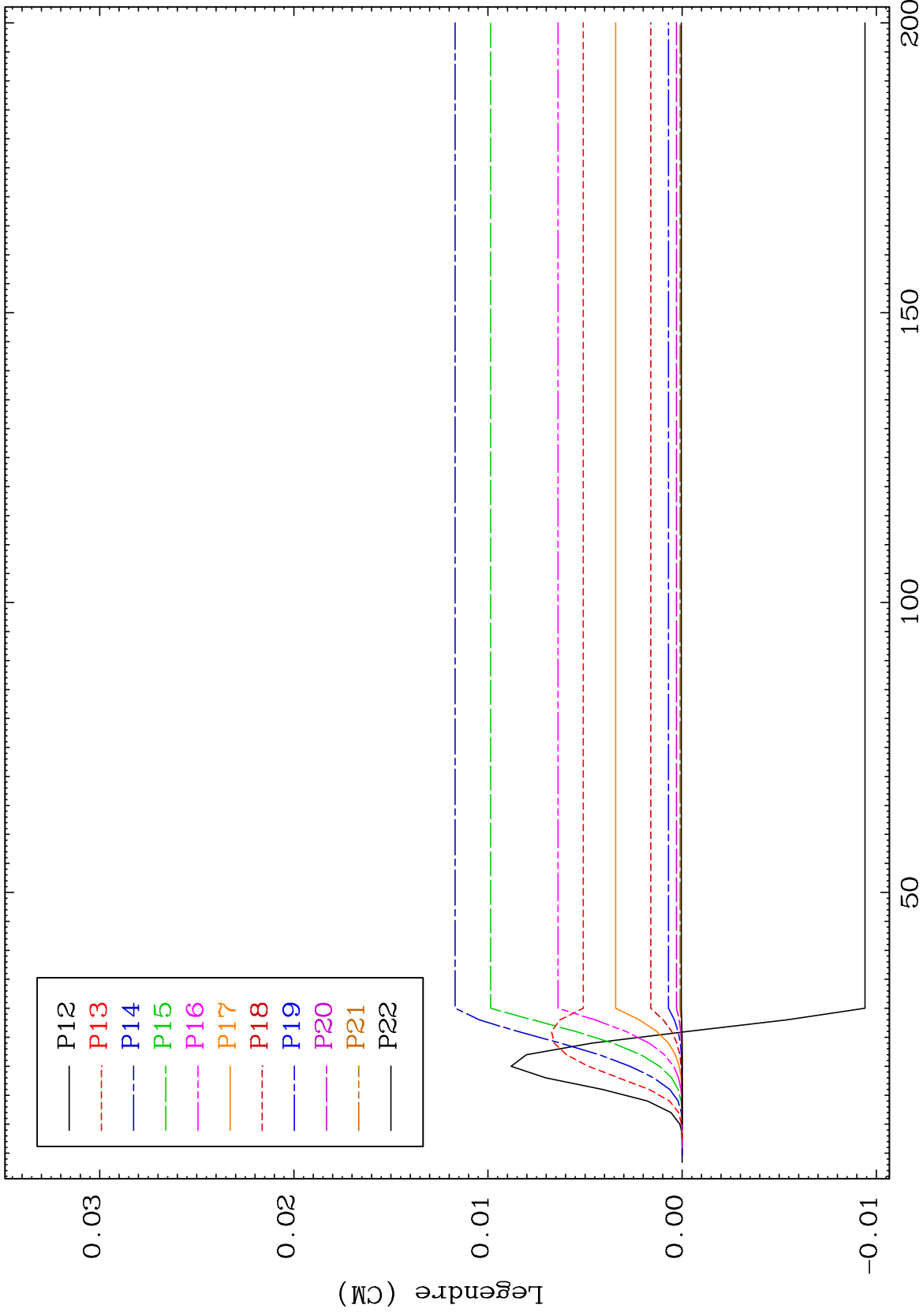


69

Incident Energy (MeV)

28-Ni-61

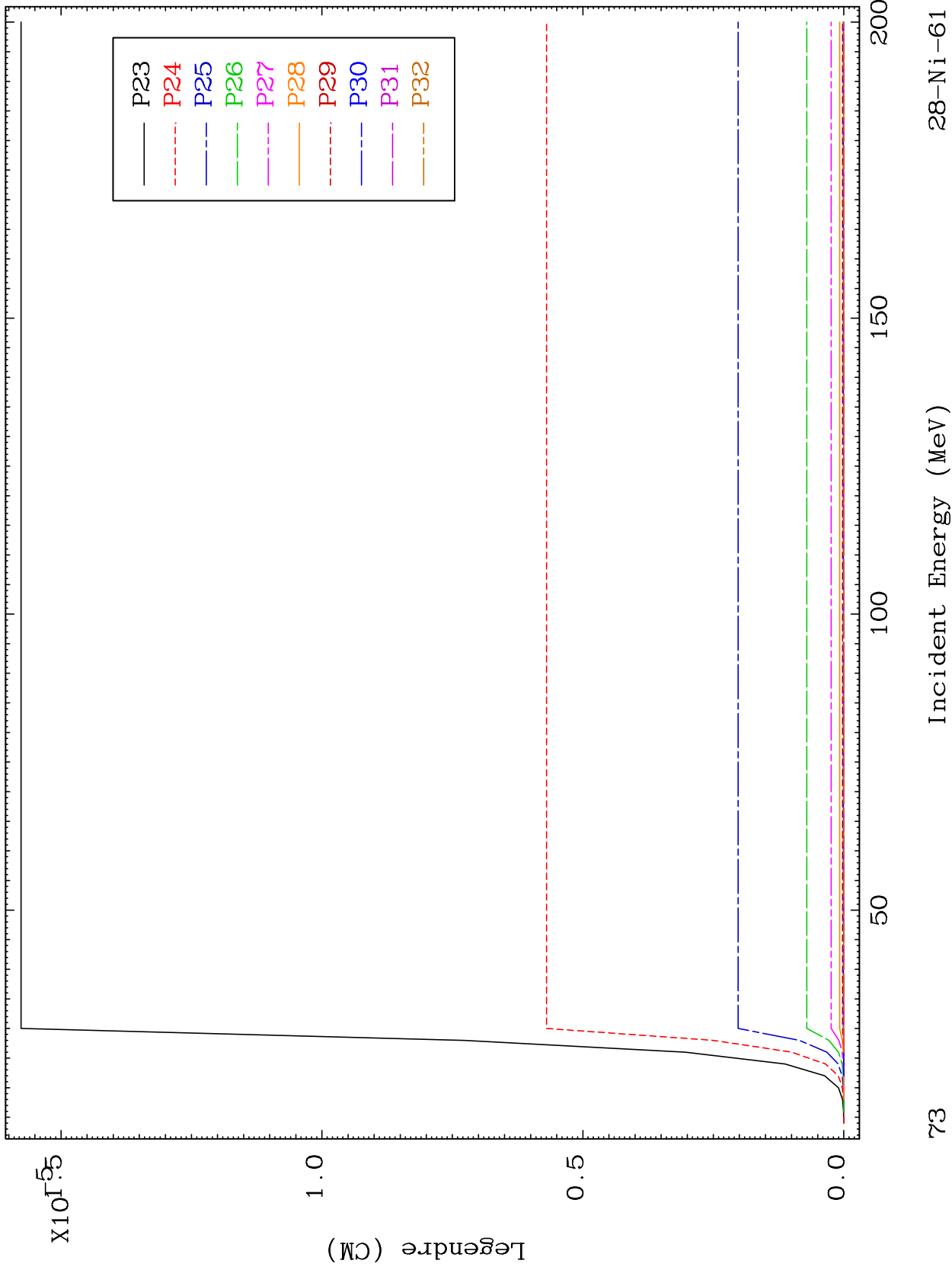




MAT 2834

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

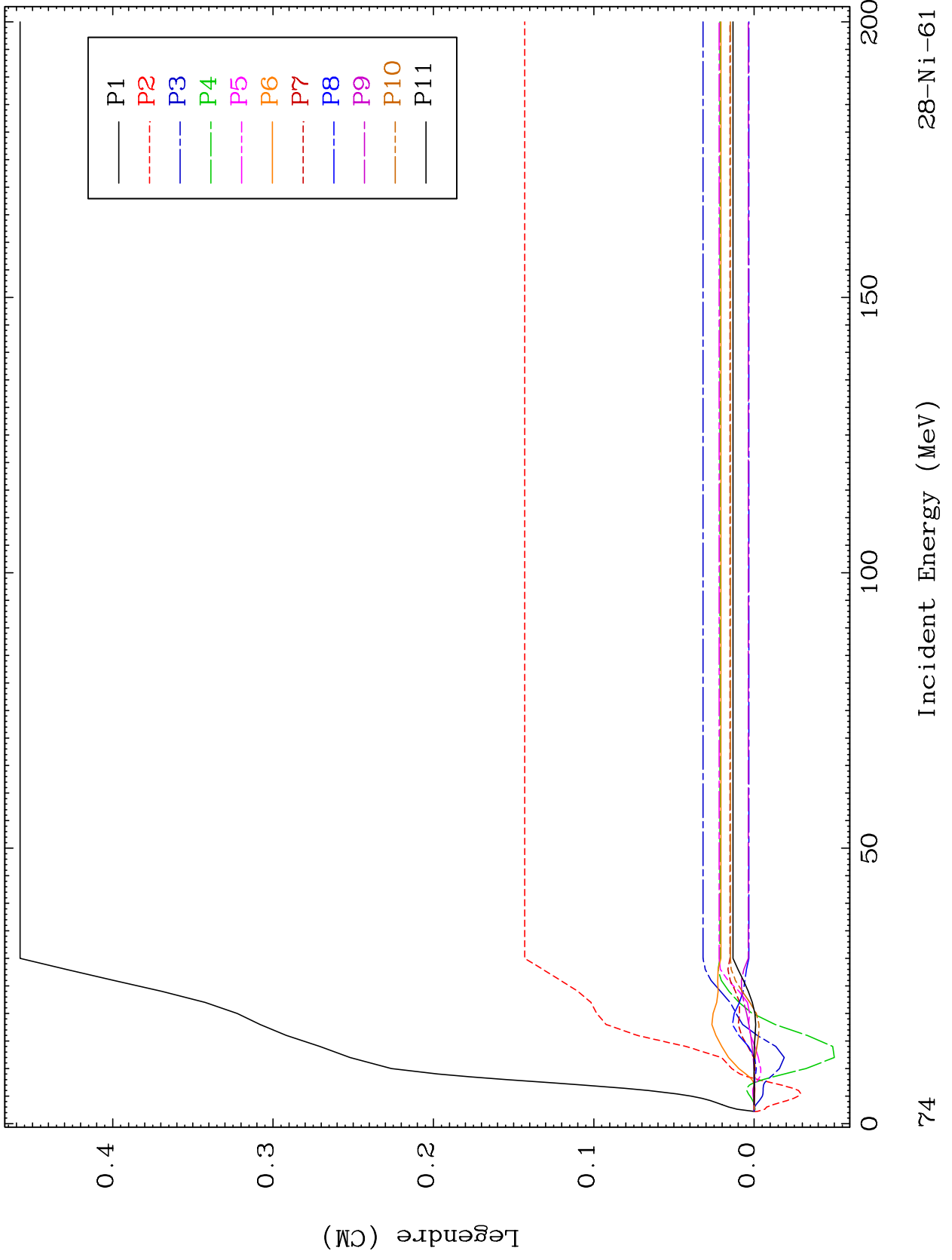
28-Ni-61



MAT 2834

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

28-Ni-61



74

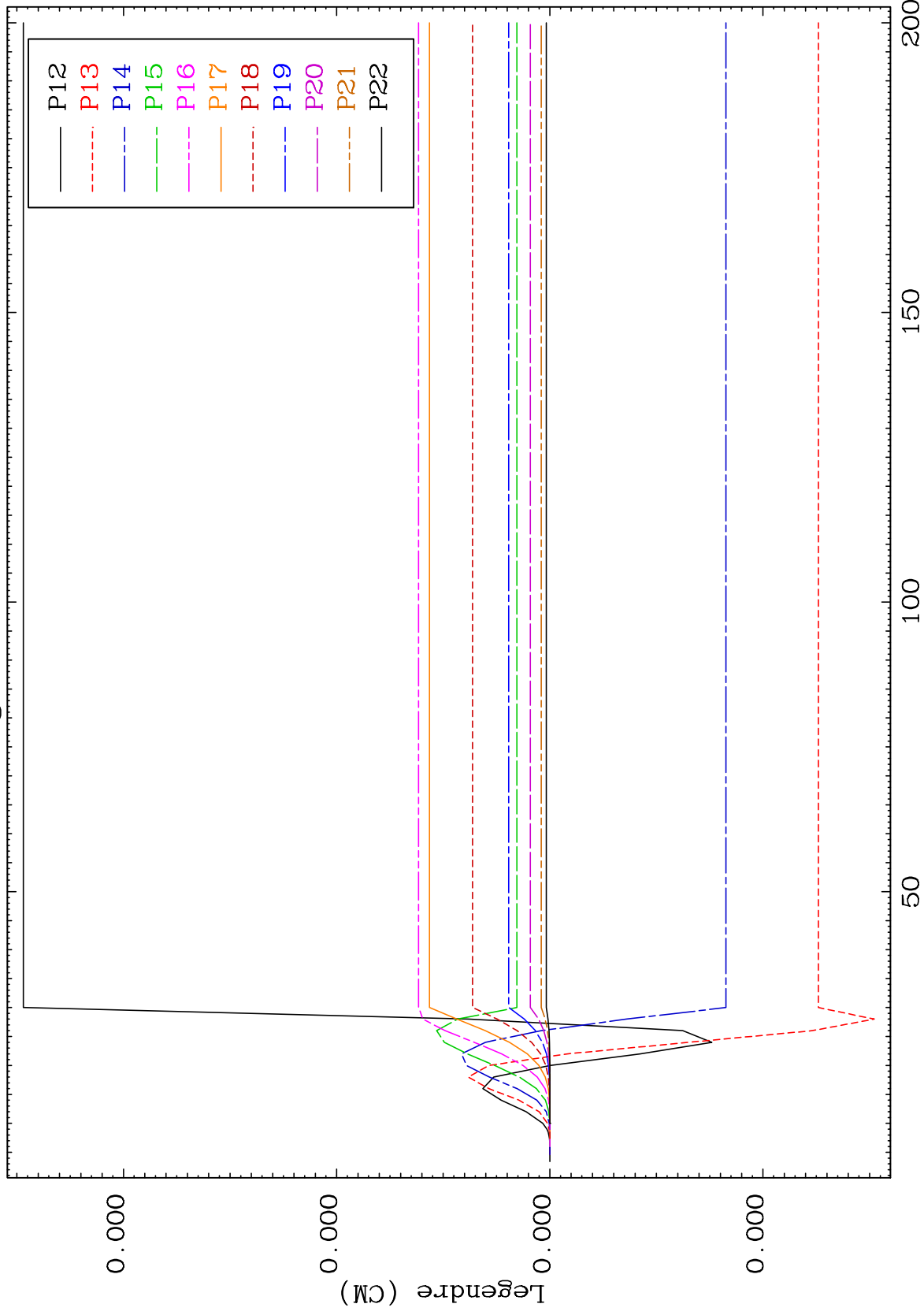
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



75

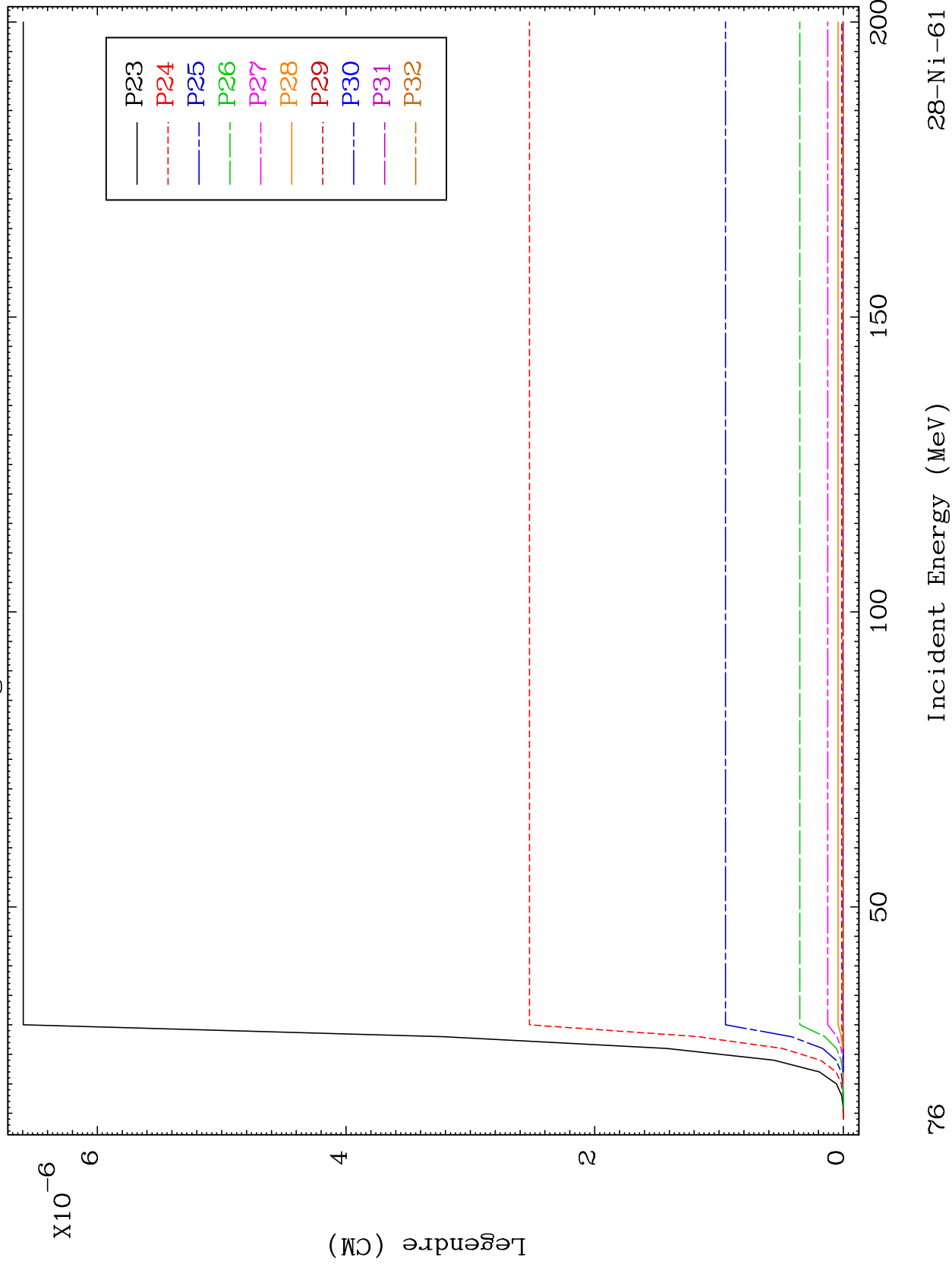
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



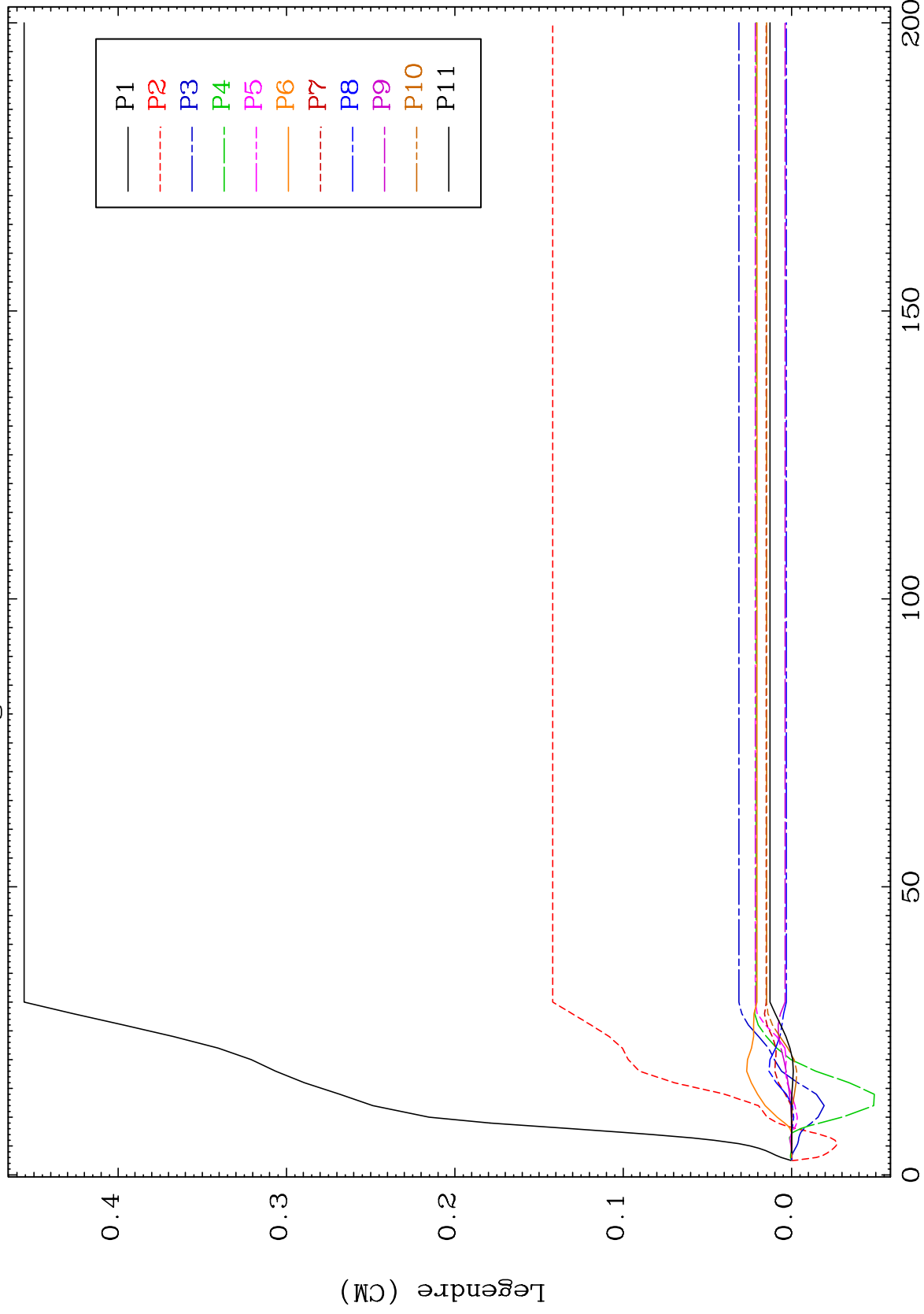
76

28-Ni-61

MAT 2834

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

28-Ni-61



77

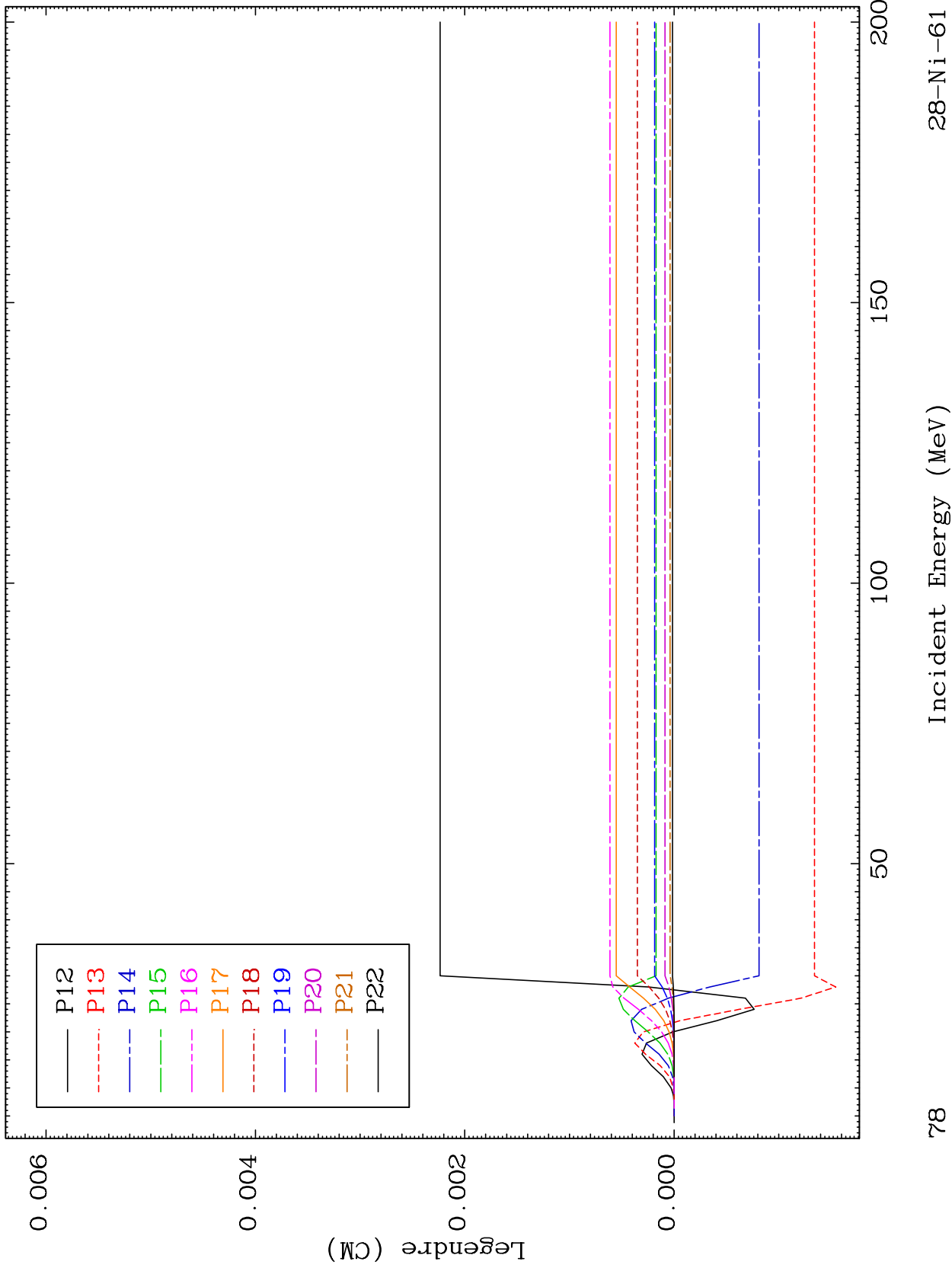
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



78

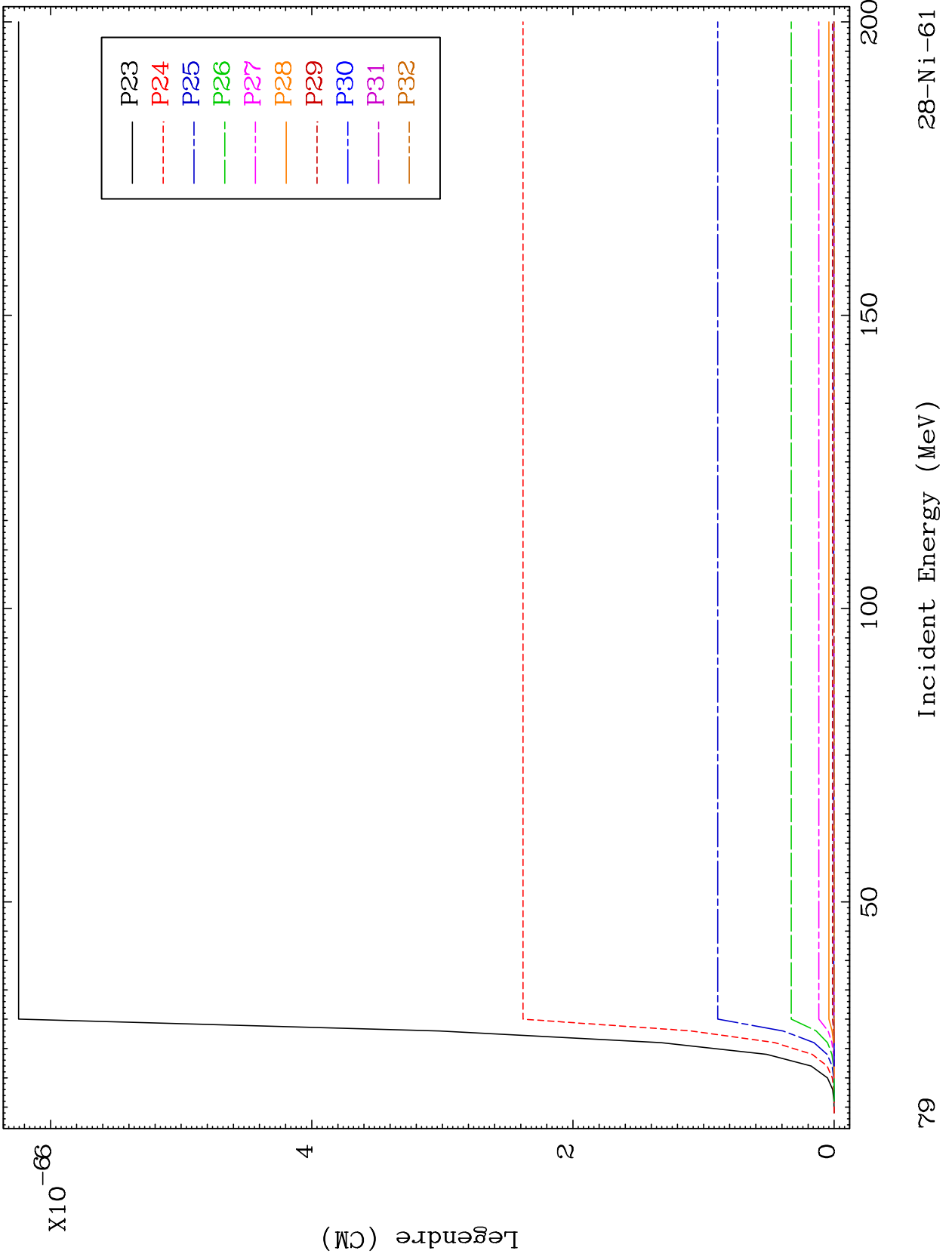
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

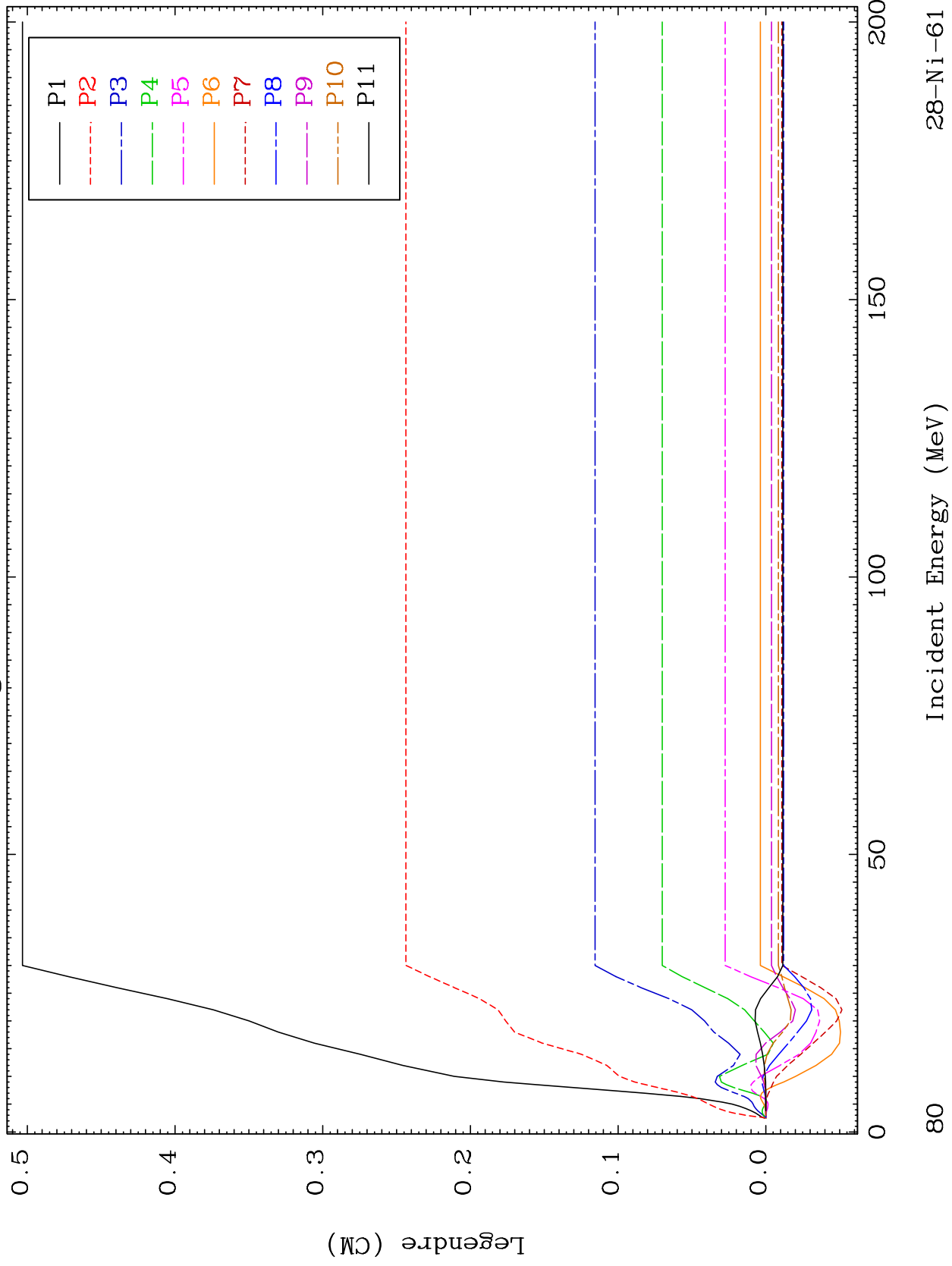
28-Ni-61

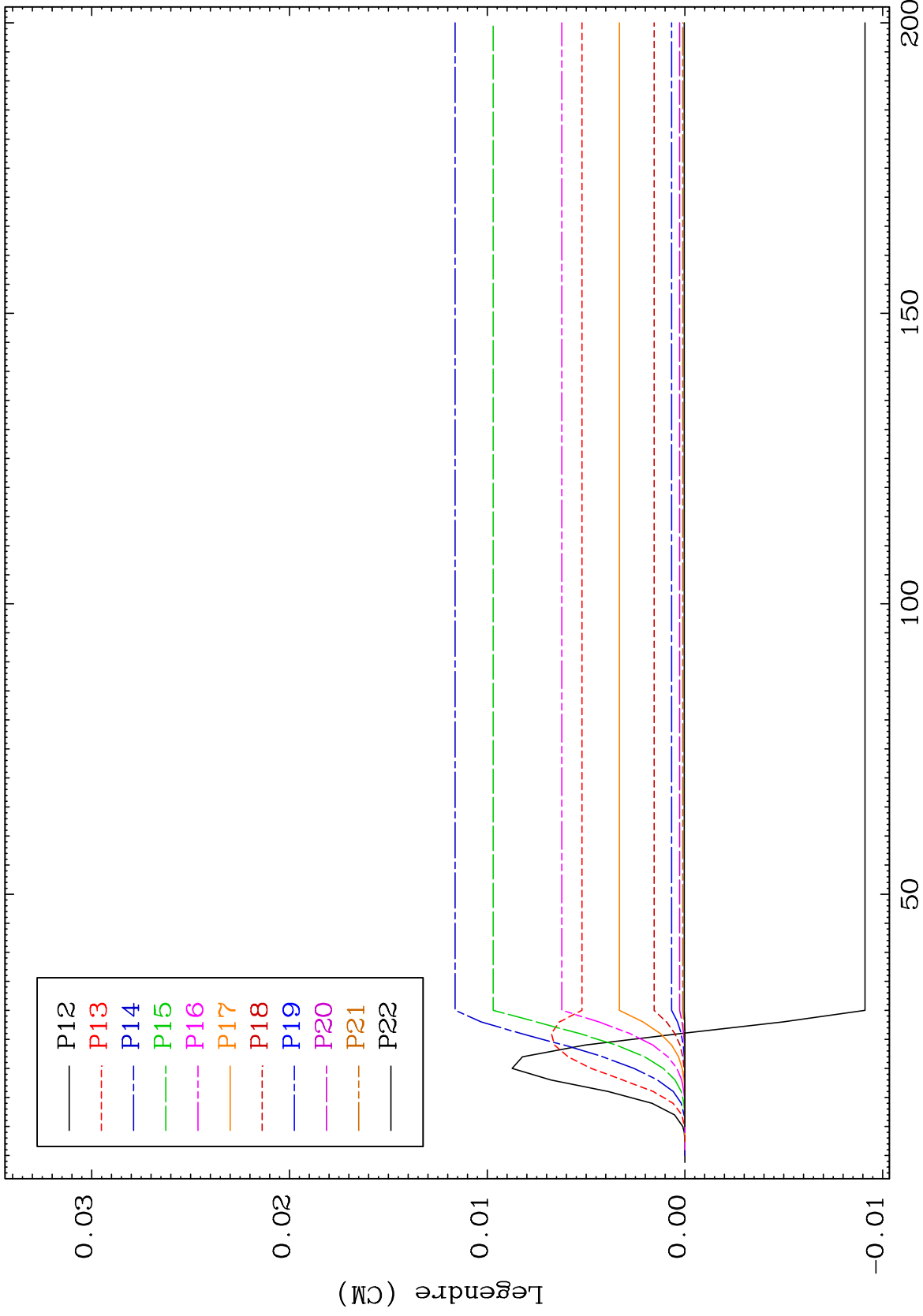


MAT 2834

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

28-Ni-61

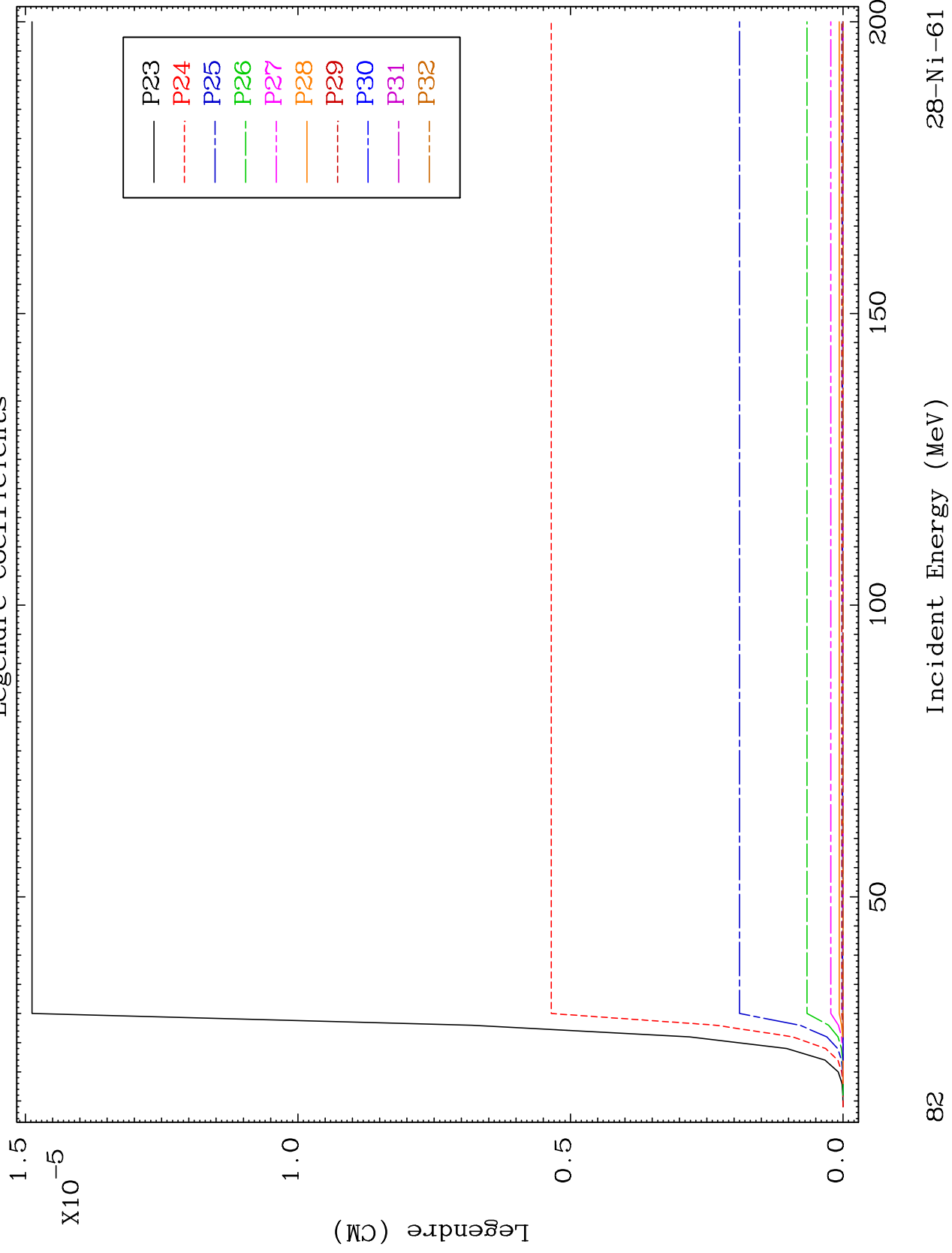




MAT 2834

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

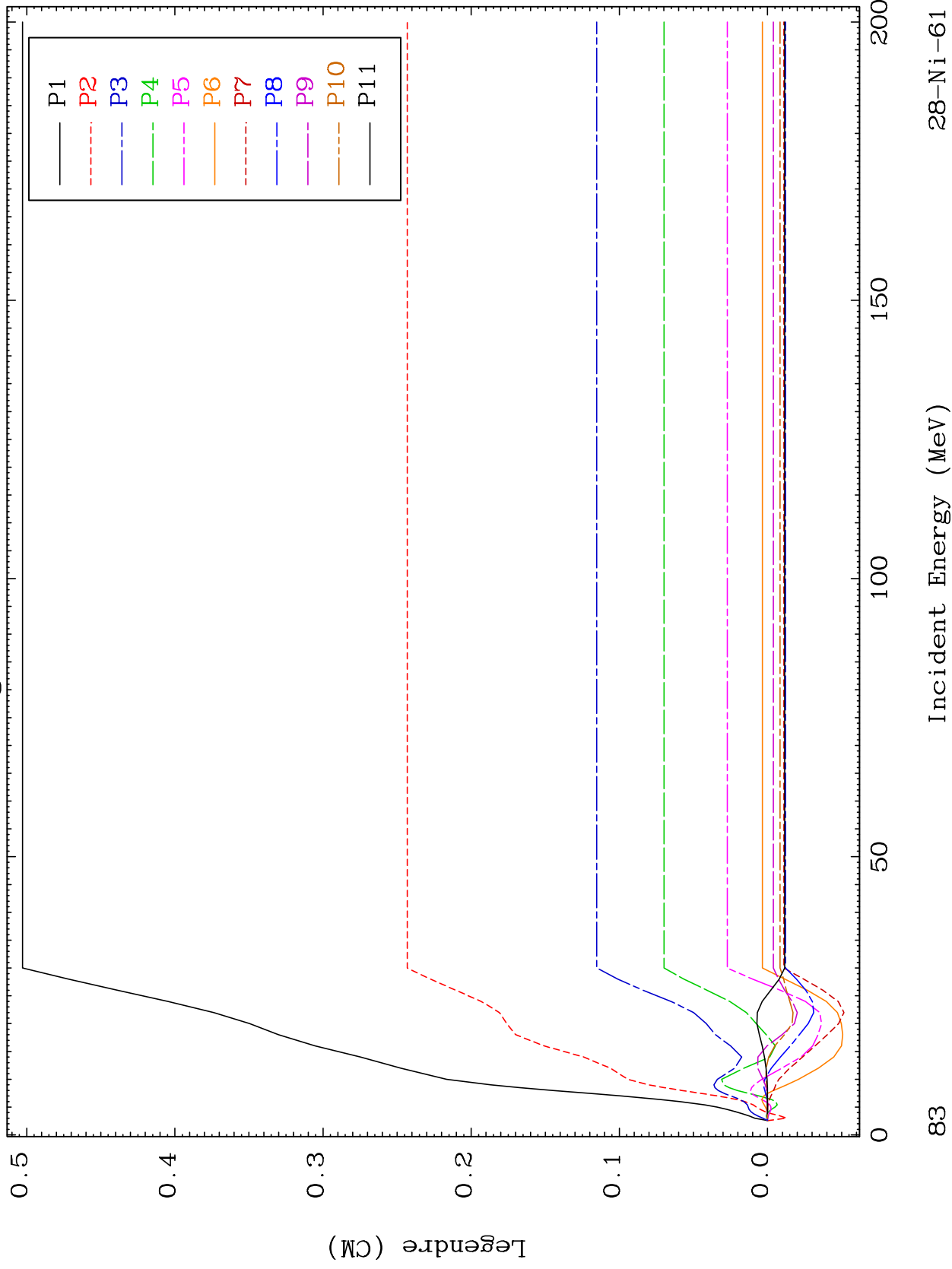
28-Ni-61



MAT 2834

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

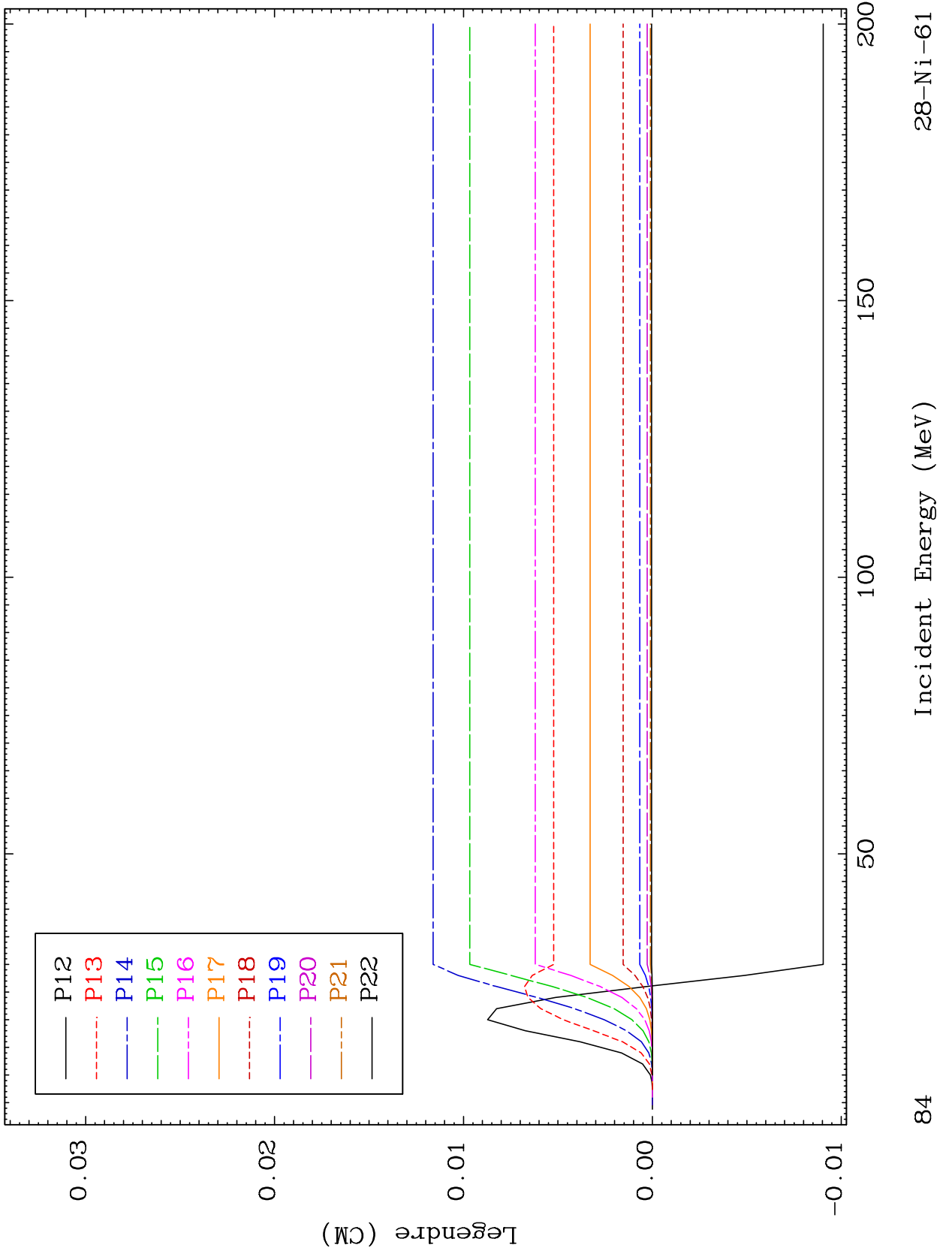
28-Ni-61



83

Incident Energy (MeV)

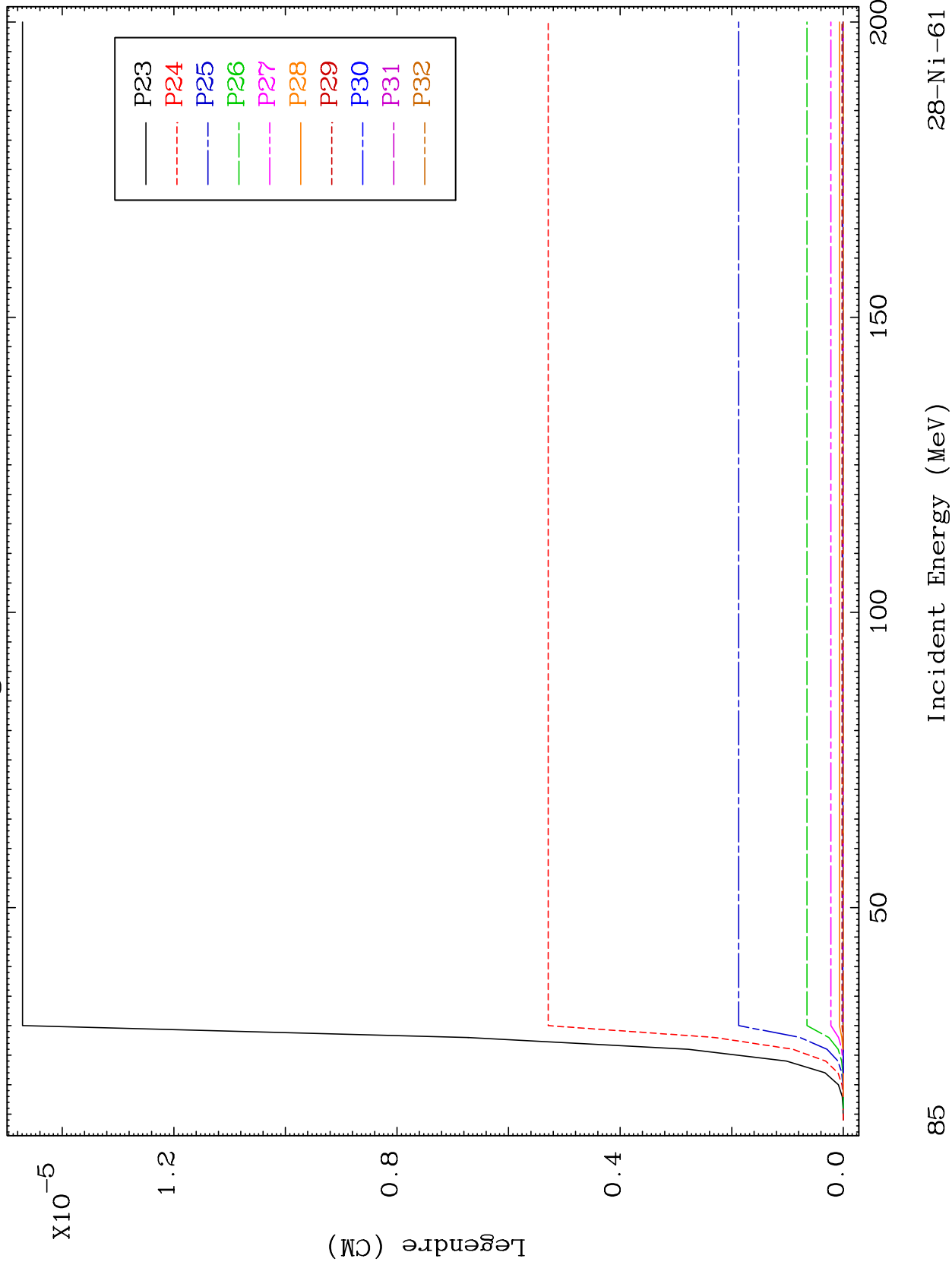
28-Ni-61



MAT 2834

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

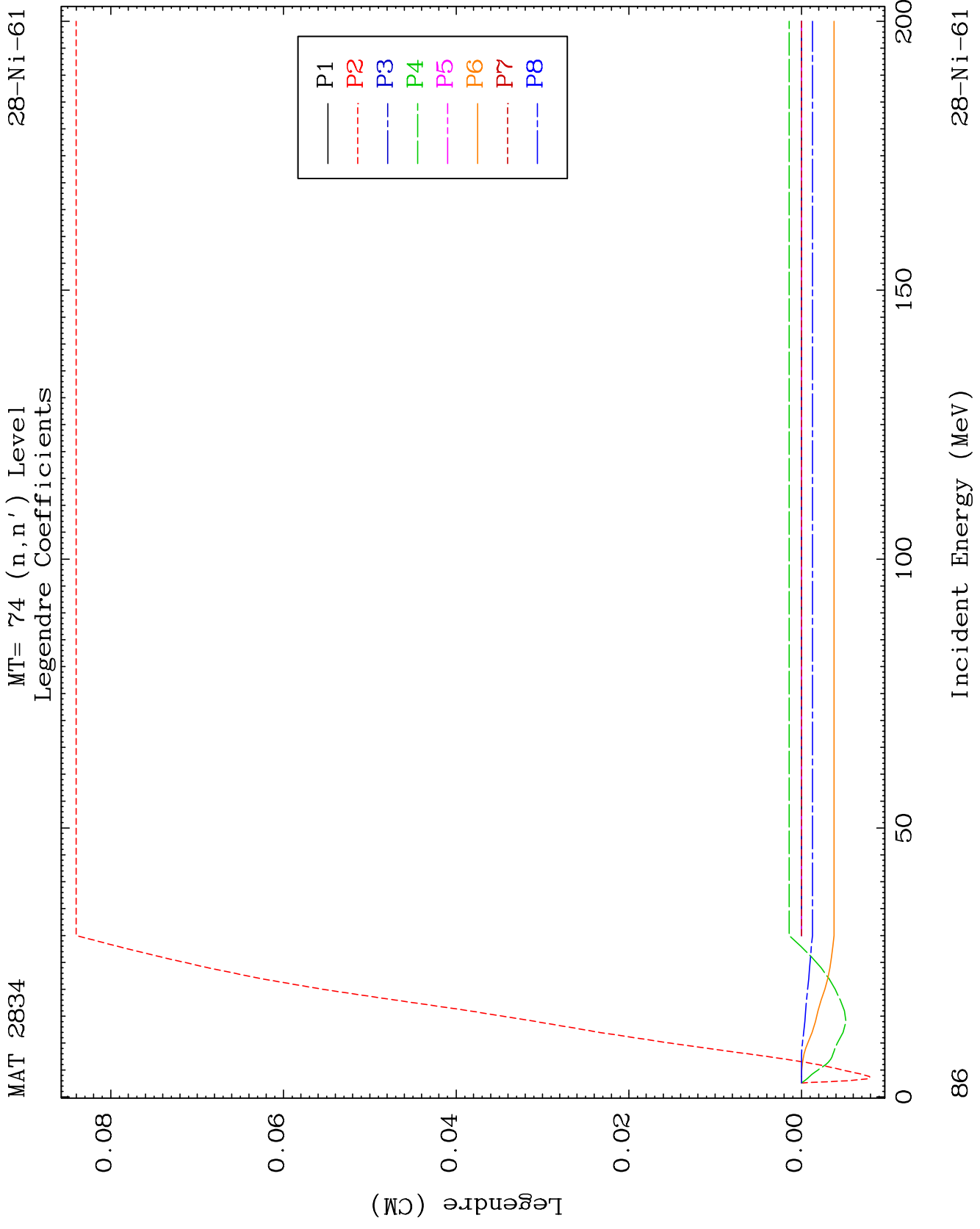
28-Ni-61



85

Incident Energy (MeV)

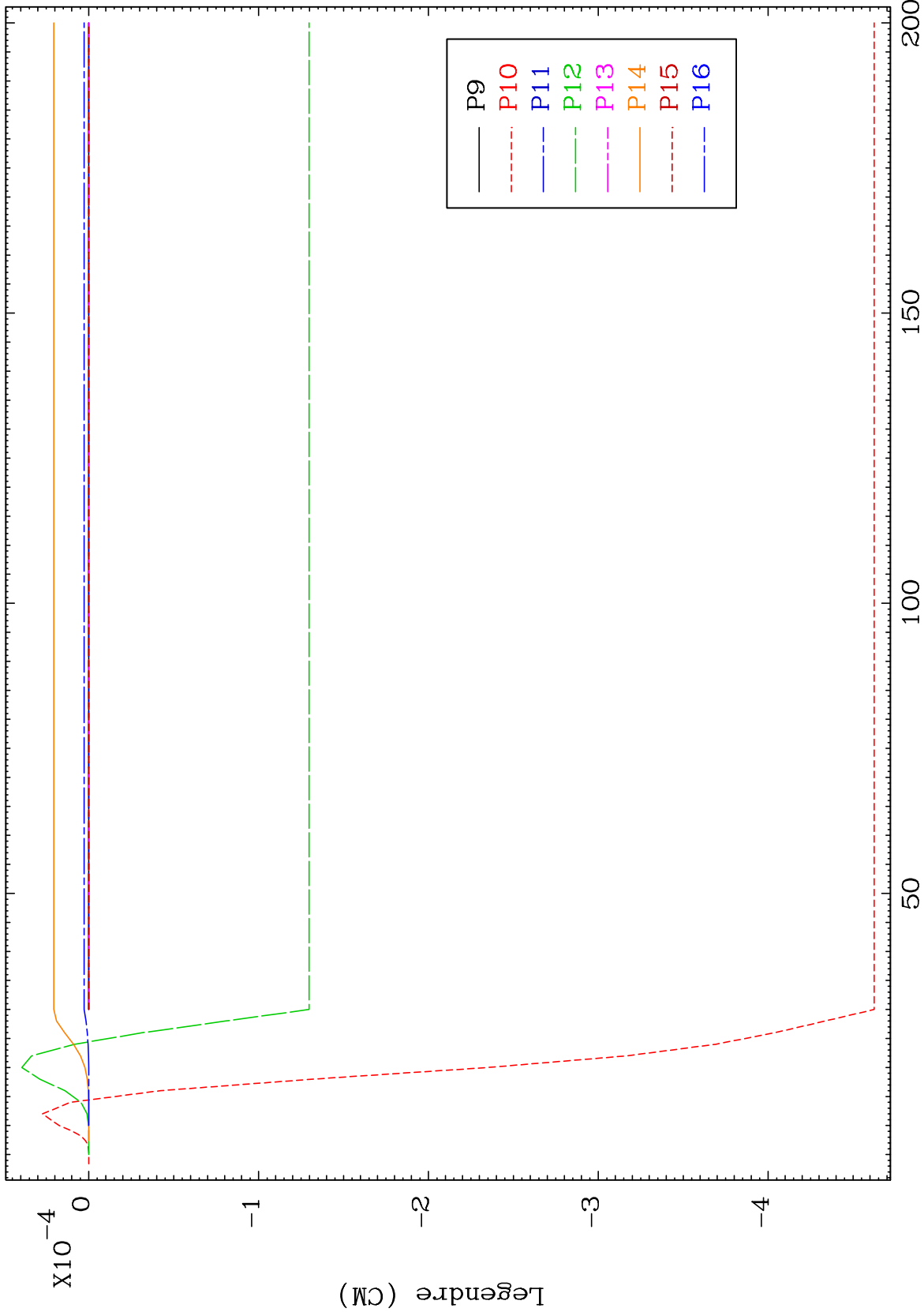
28-Ni-61



MAT 2834

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

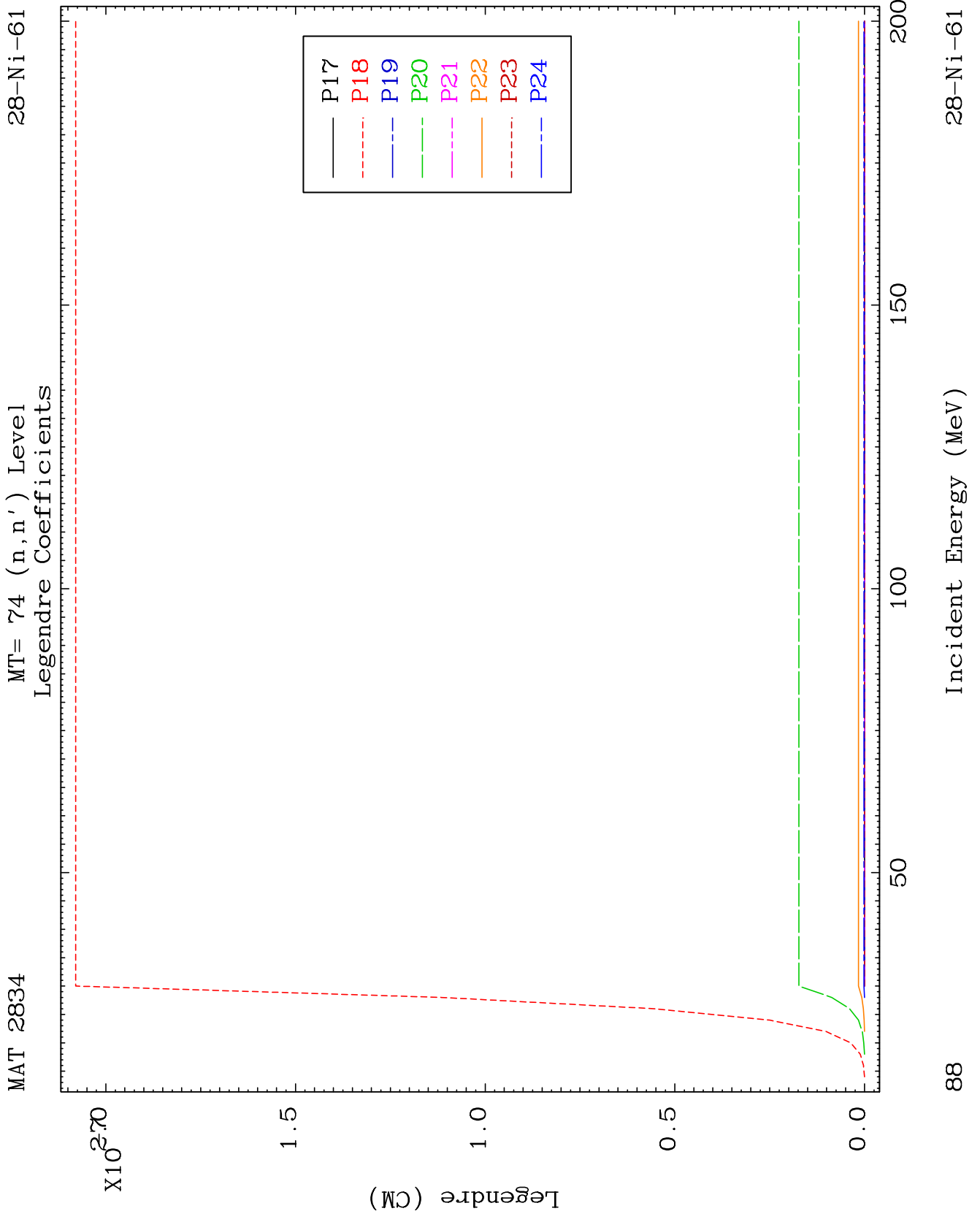
28-Ni-61



87

Incident Energy (MeV)

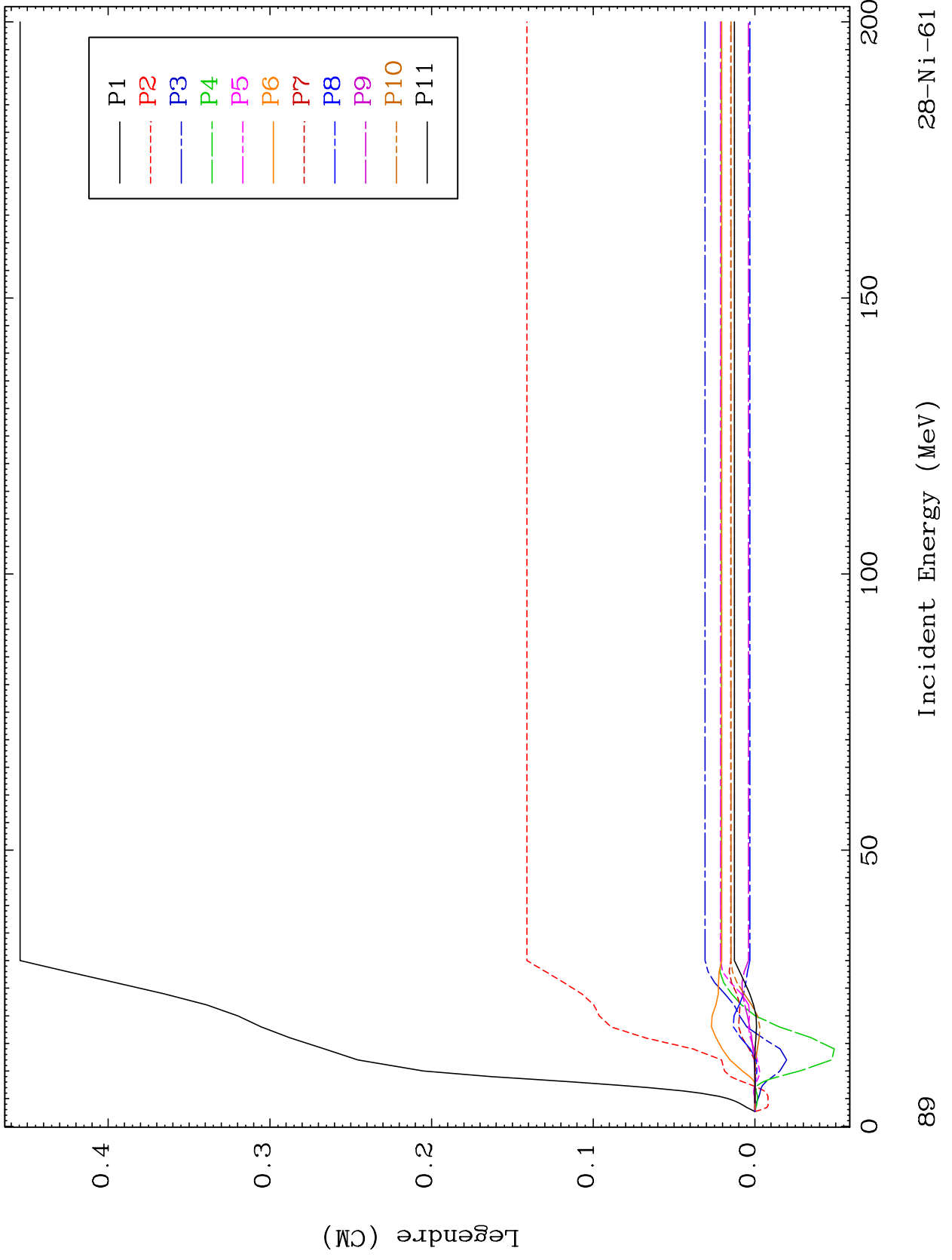
28-Ni-61



MAT 2834

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

28-Ni-61



89

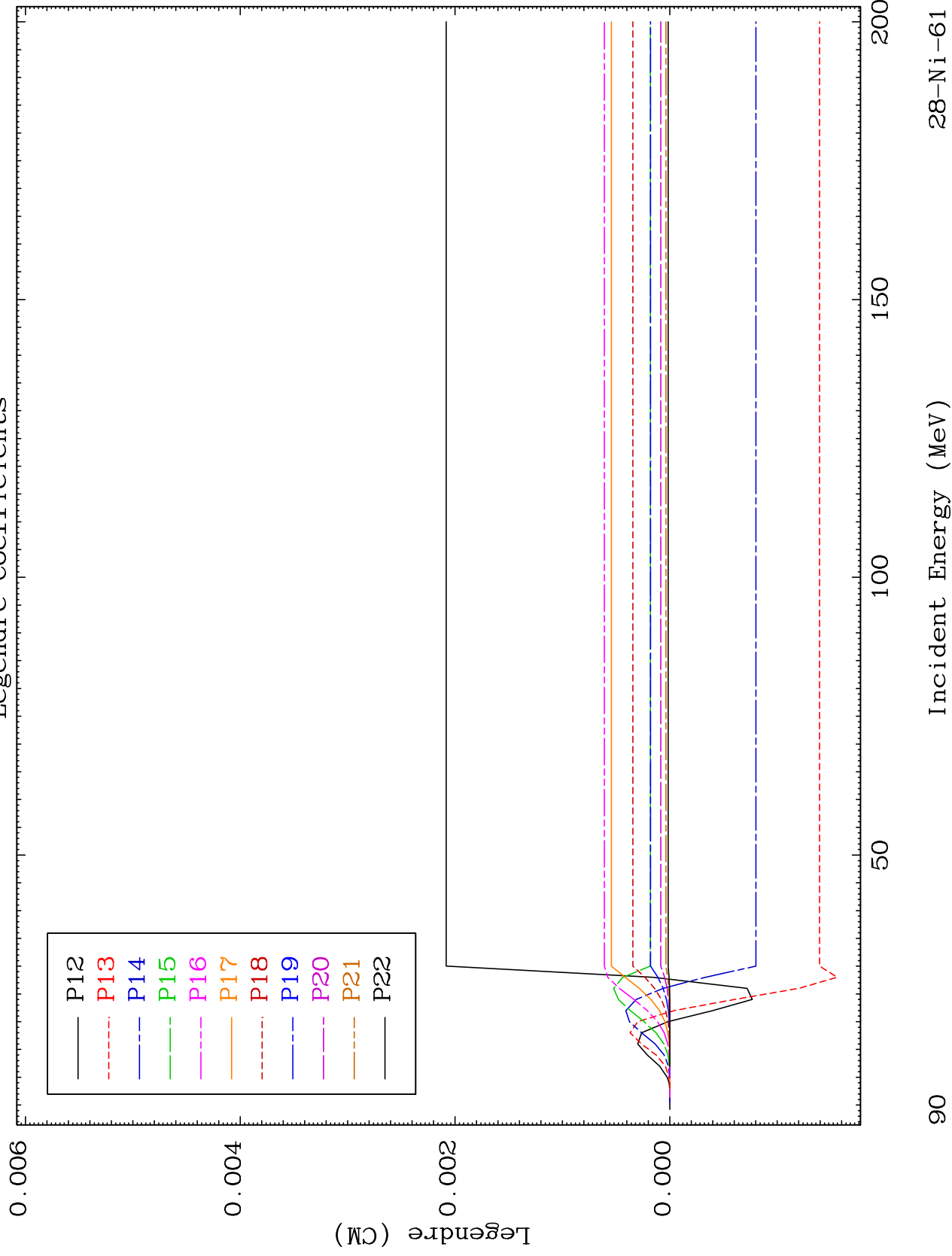
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

28-Ni-61



90

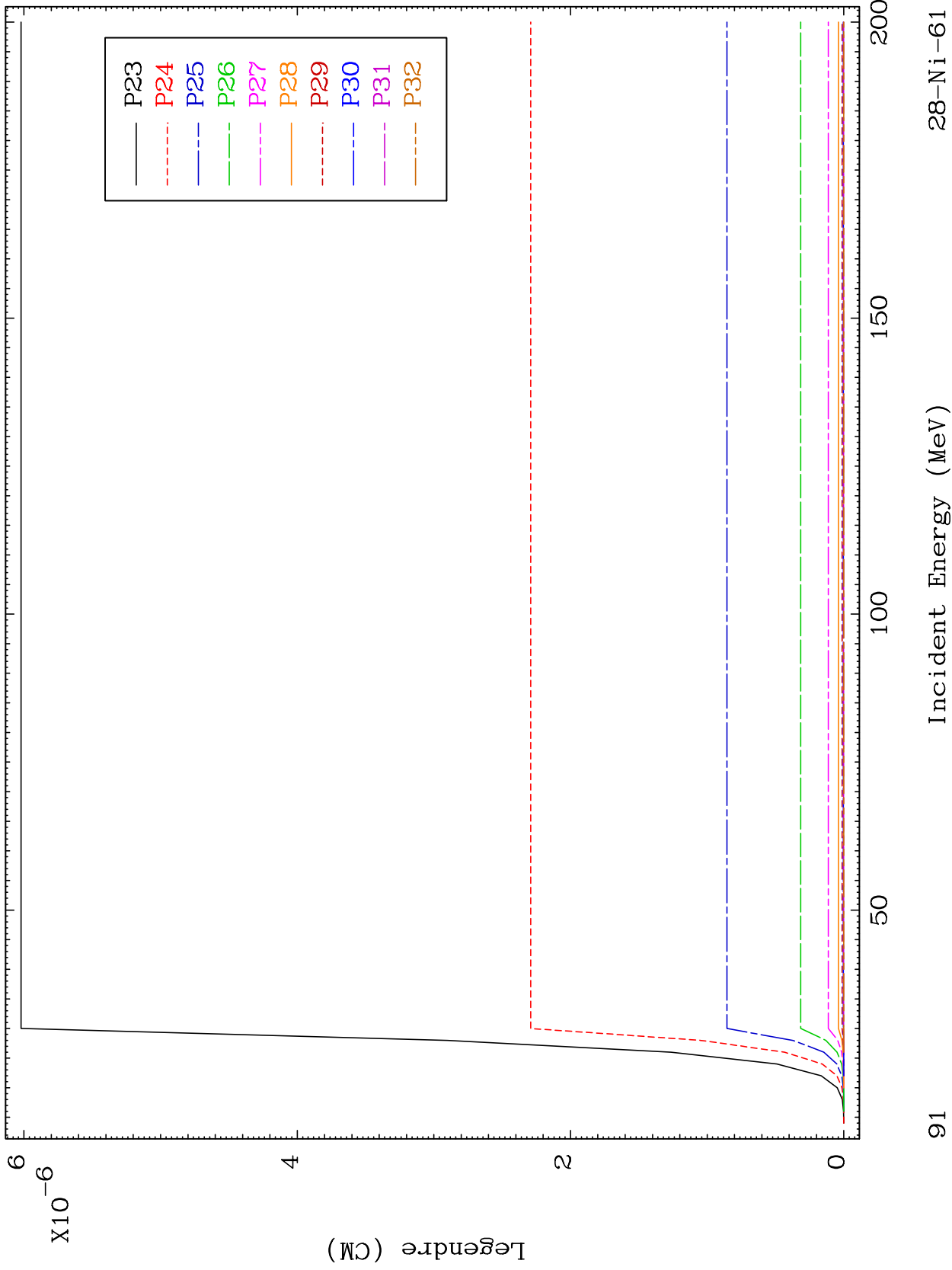
Incident Energy (MeV)

28-Ni-61

MAT 2834

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

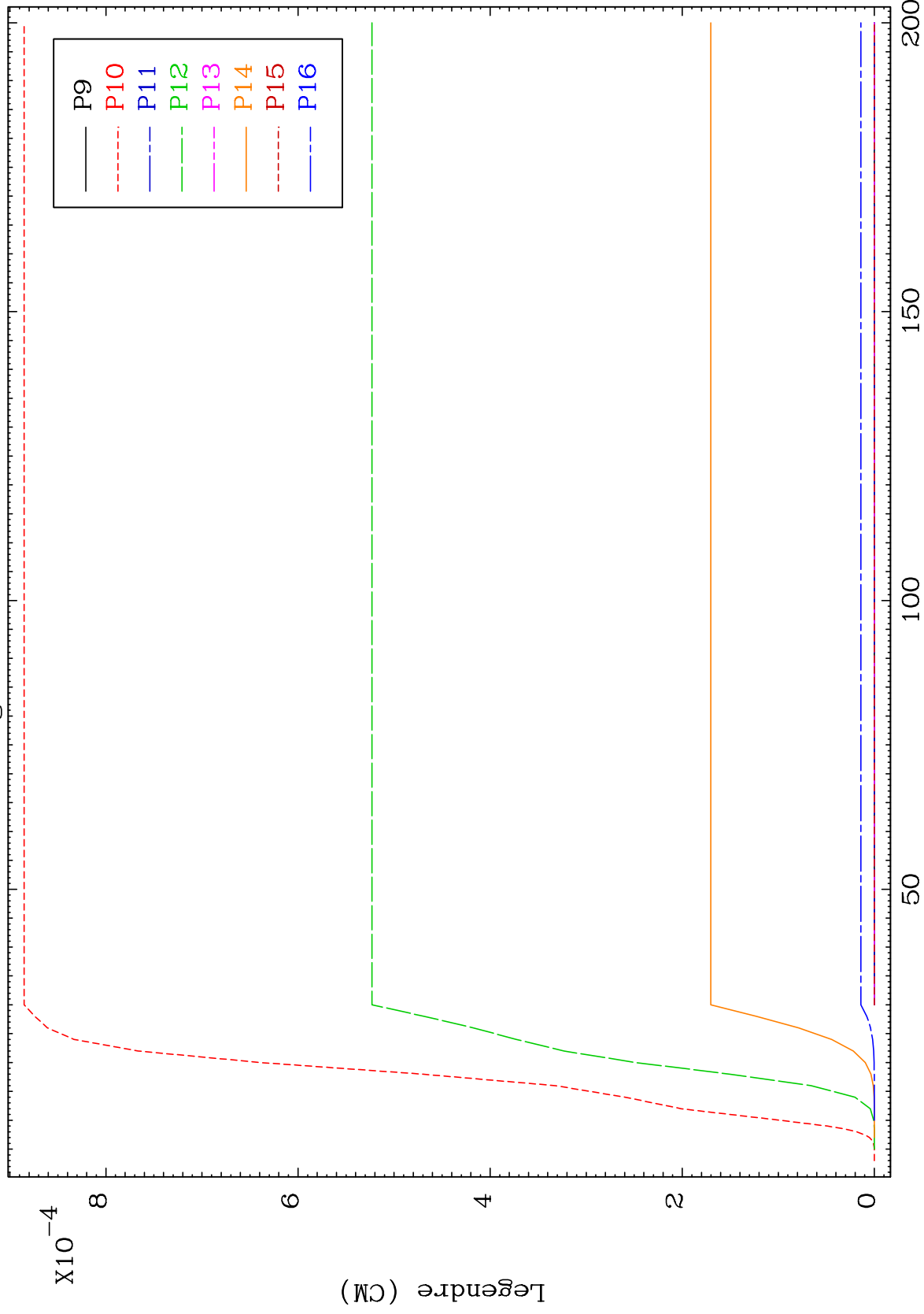
28-Ni-61



MAT 2834

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

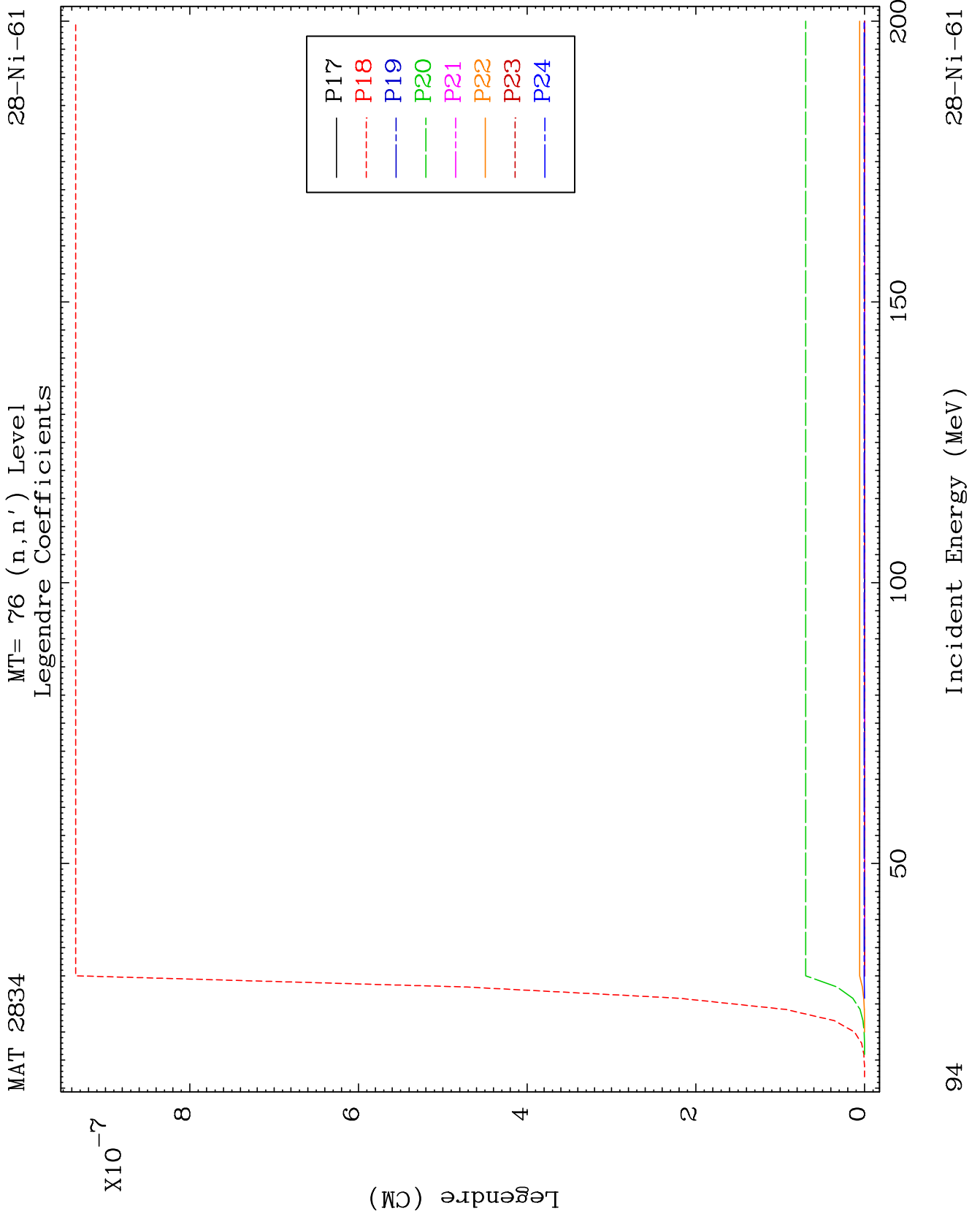
28-Ni-61



93

Incident Energy (MeV)

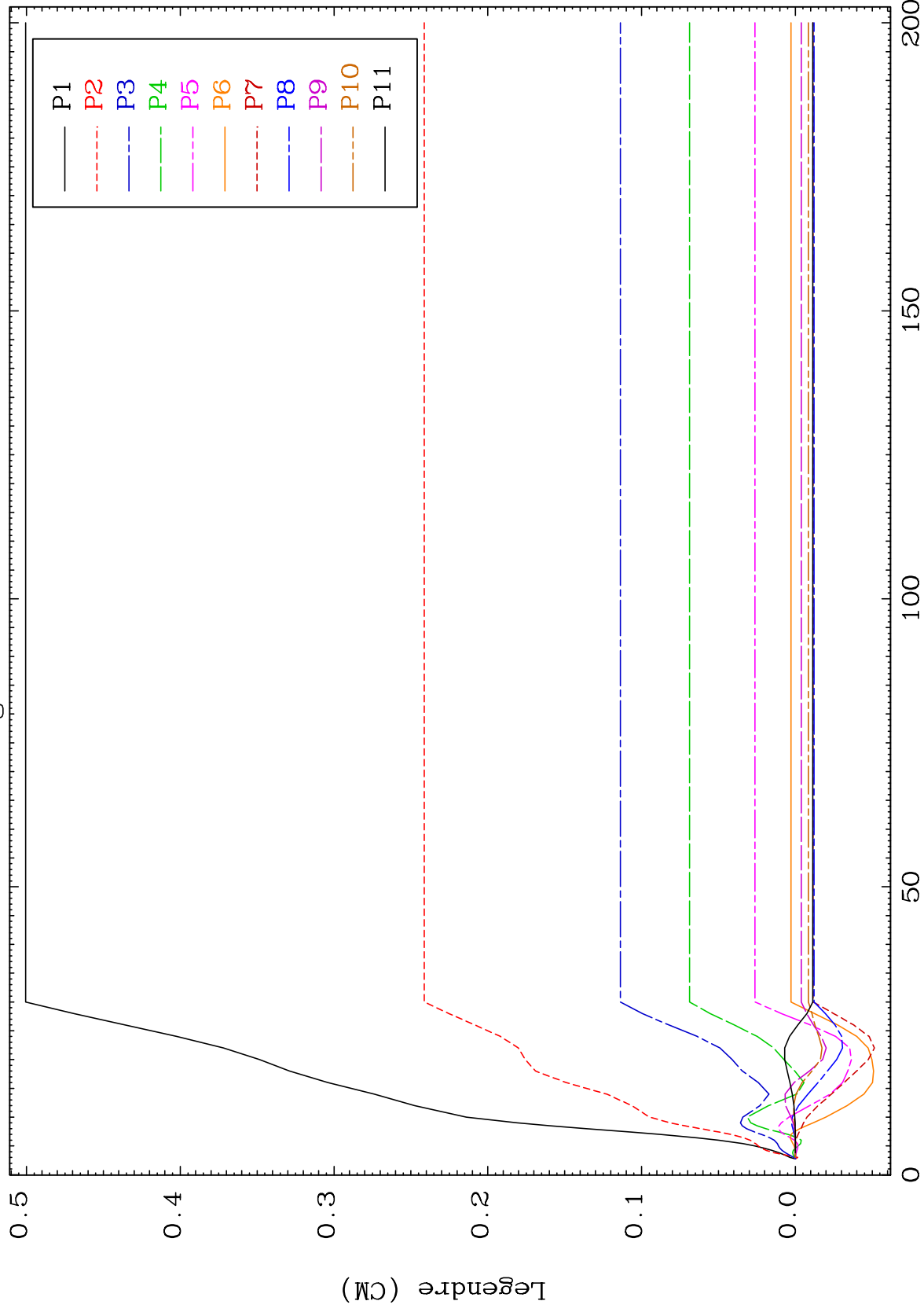
28-Ni-61



MAT 2834

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

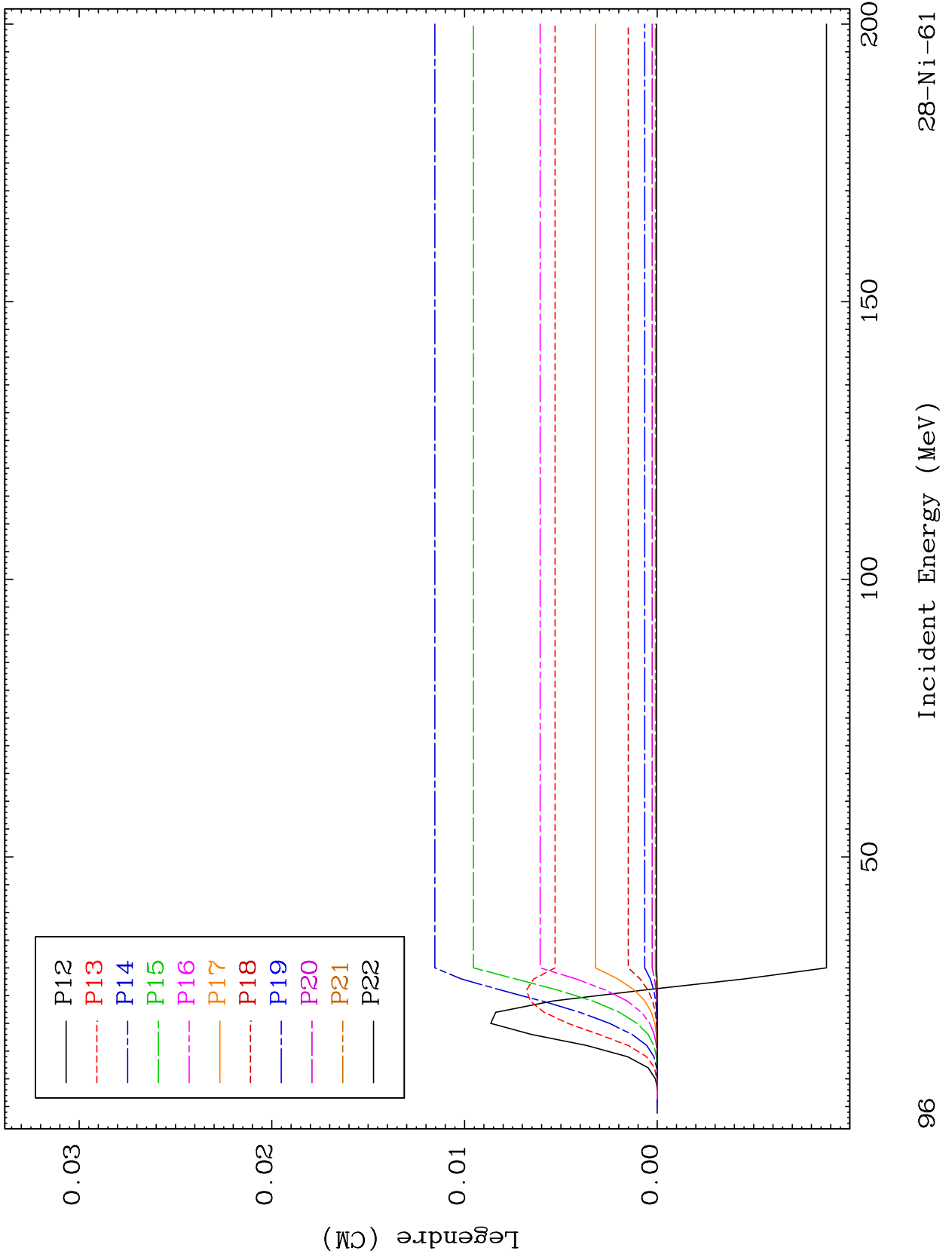
28-Ni-61



95

Incident Energy (MeV)

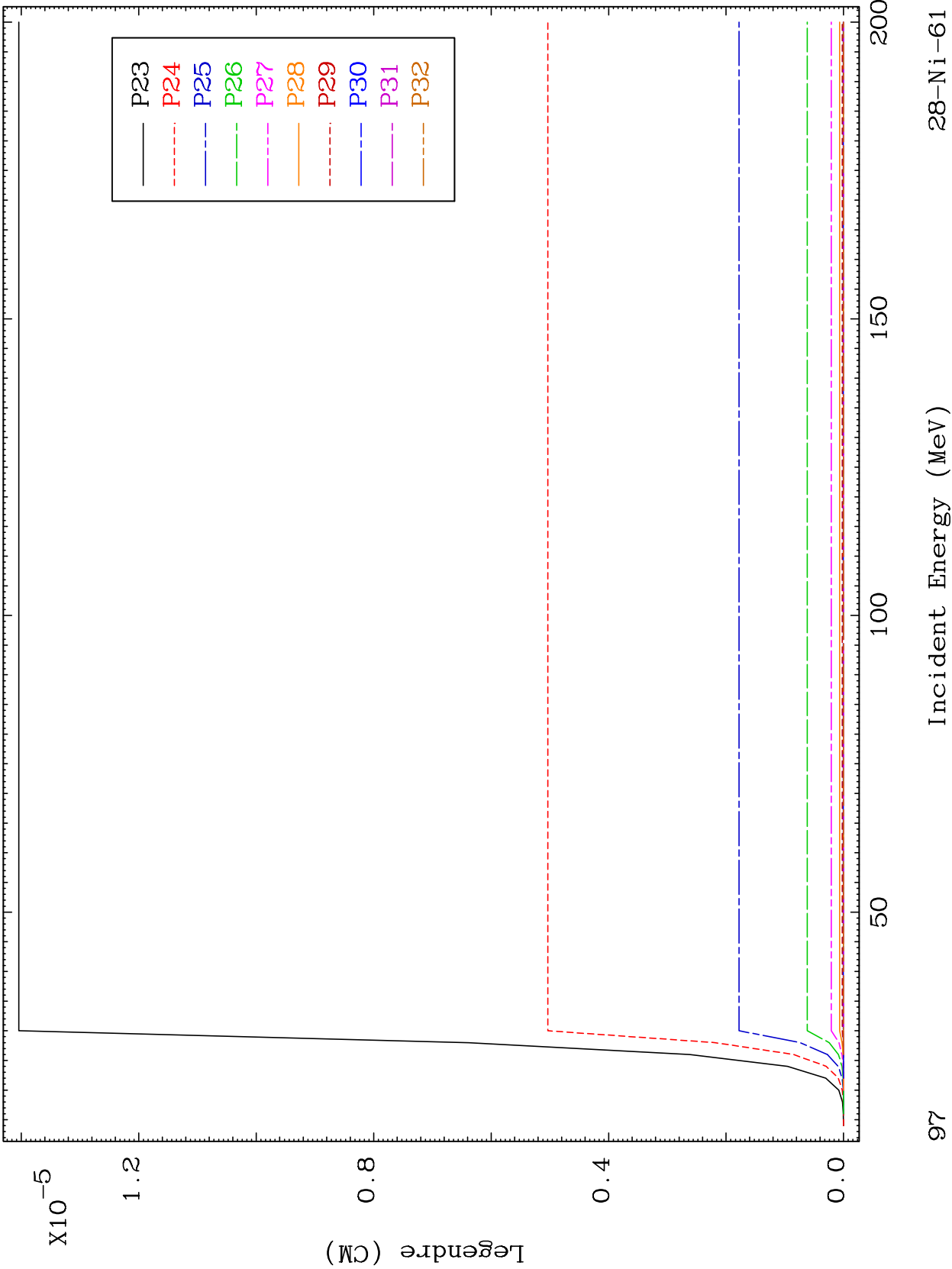
28-Ni-61



MAT 2834

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

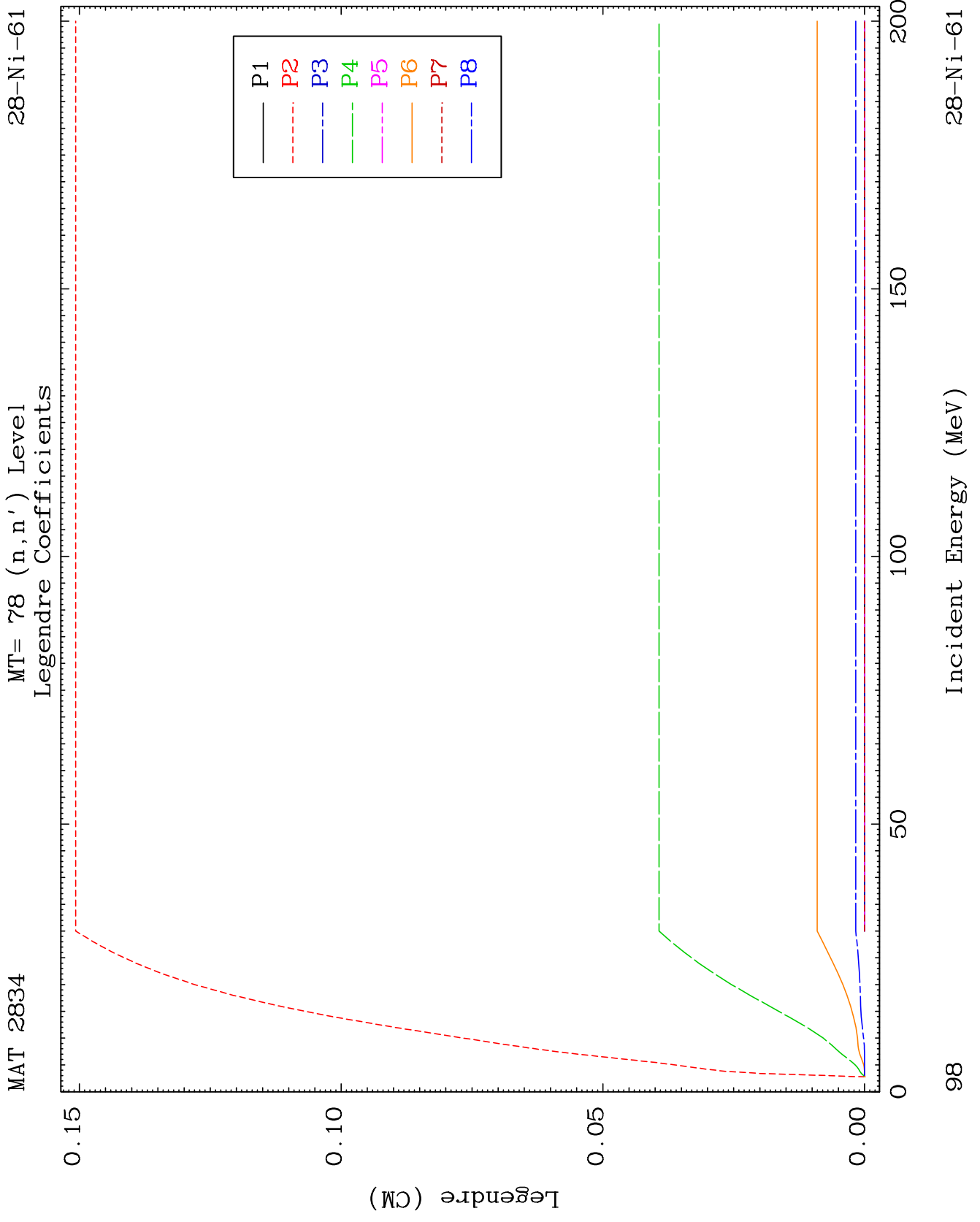
28-Ni-61



97

Incident Energy (MeV)

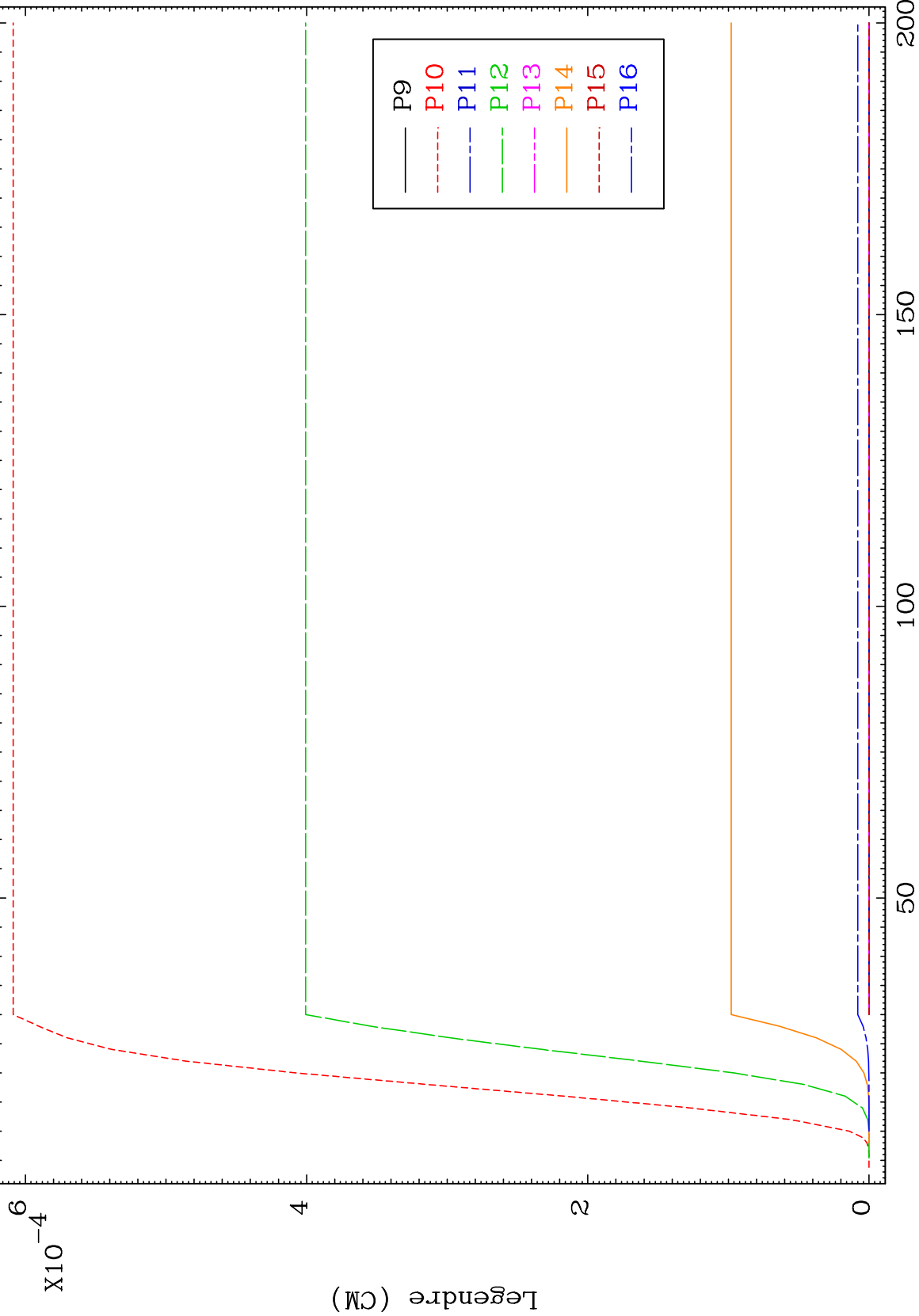
28-Ni-61



MAT 2834

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

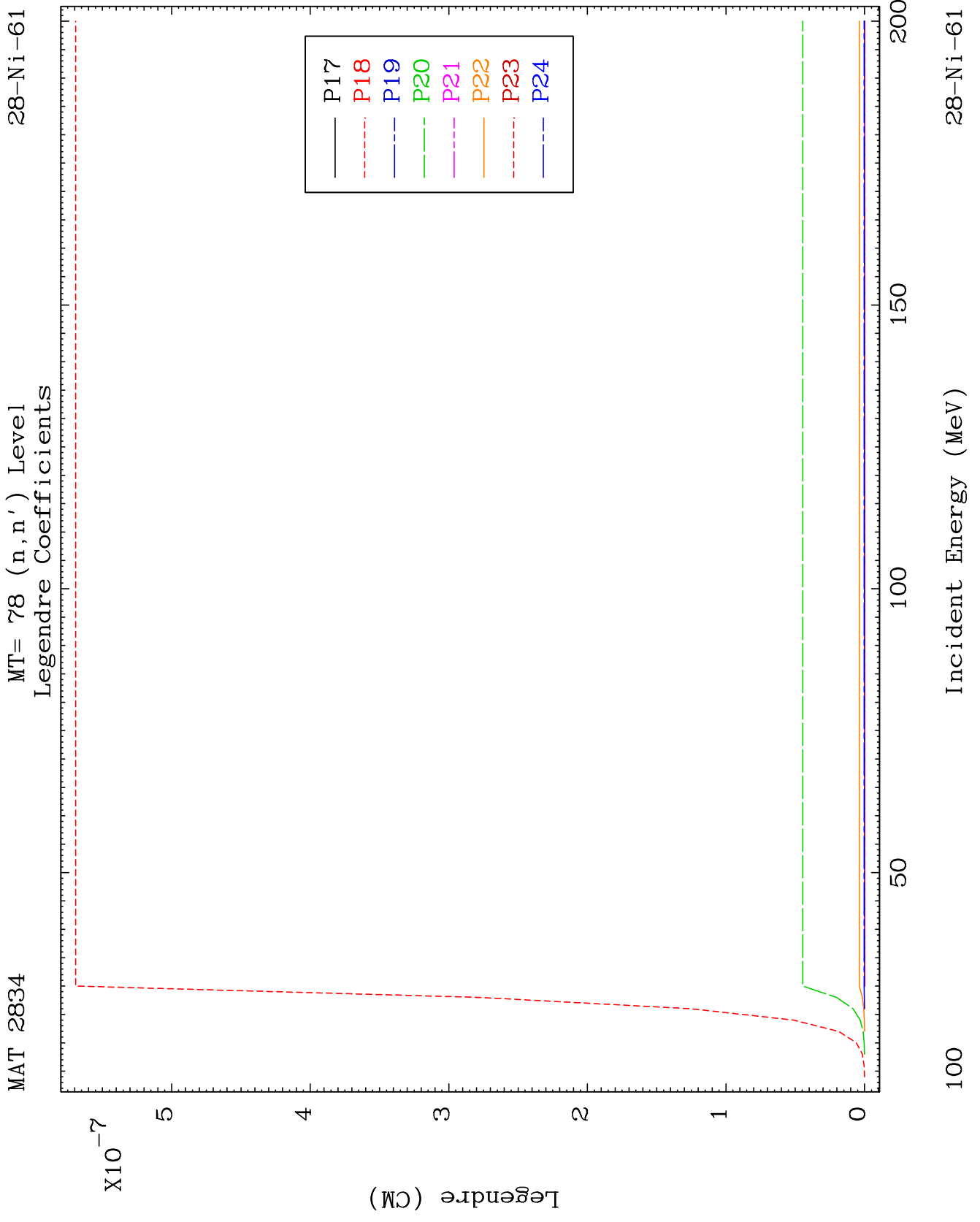
28-Ni-61

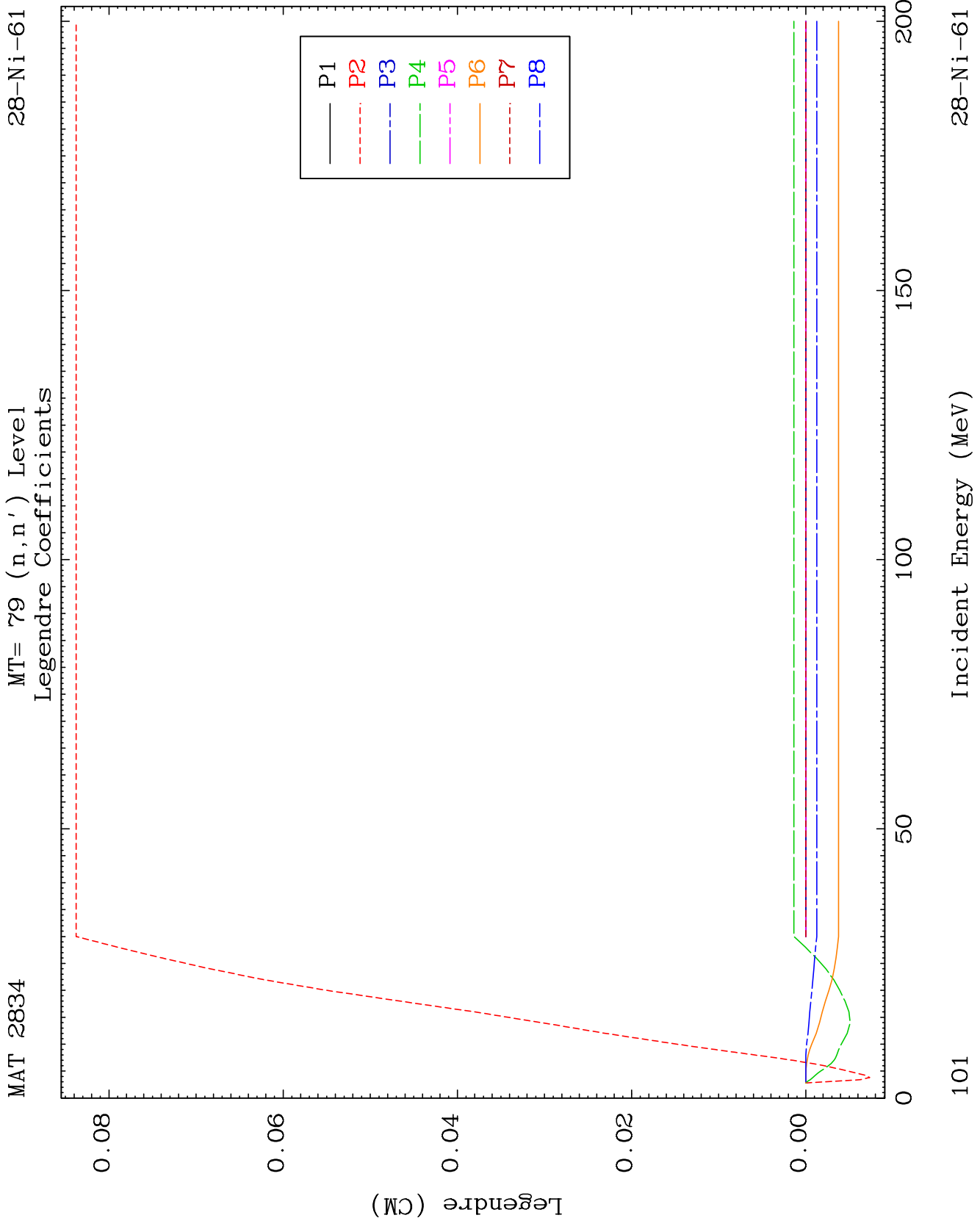


99

Incident Energy (MeV)

28-Ni-61

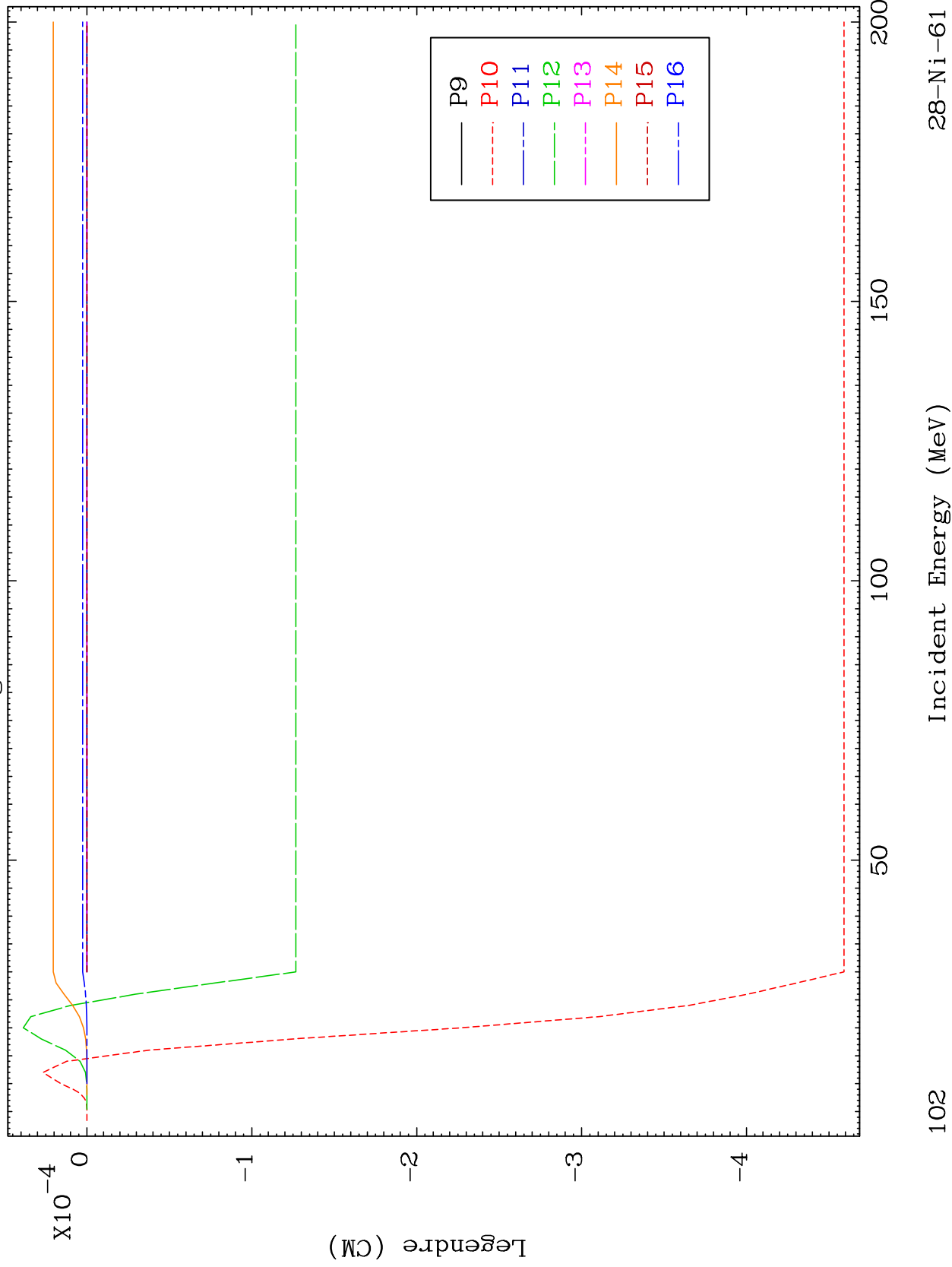




MAT 2834

28-Ni-61

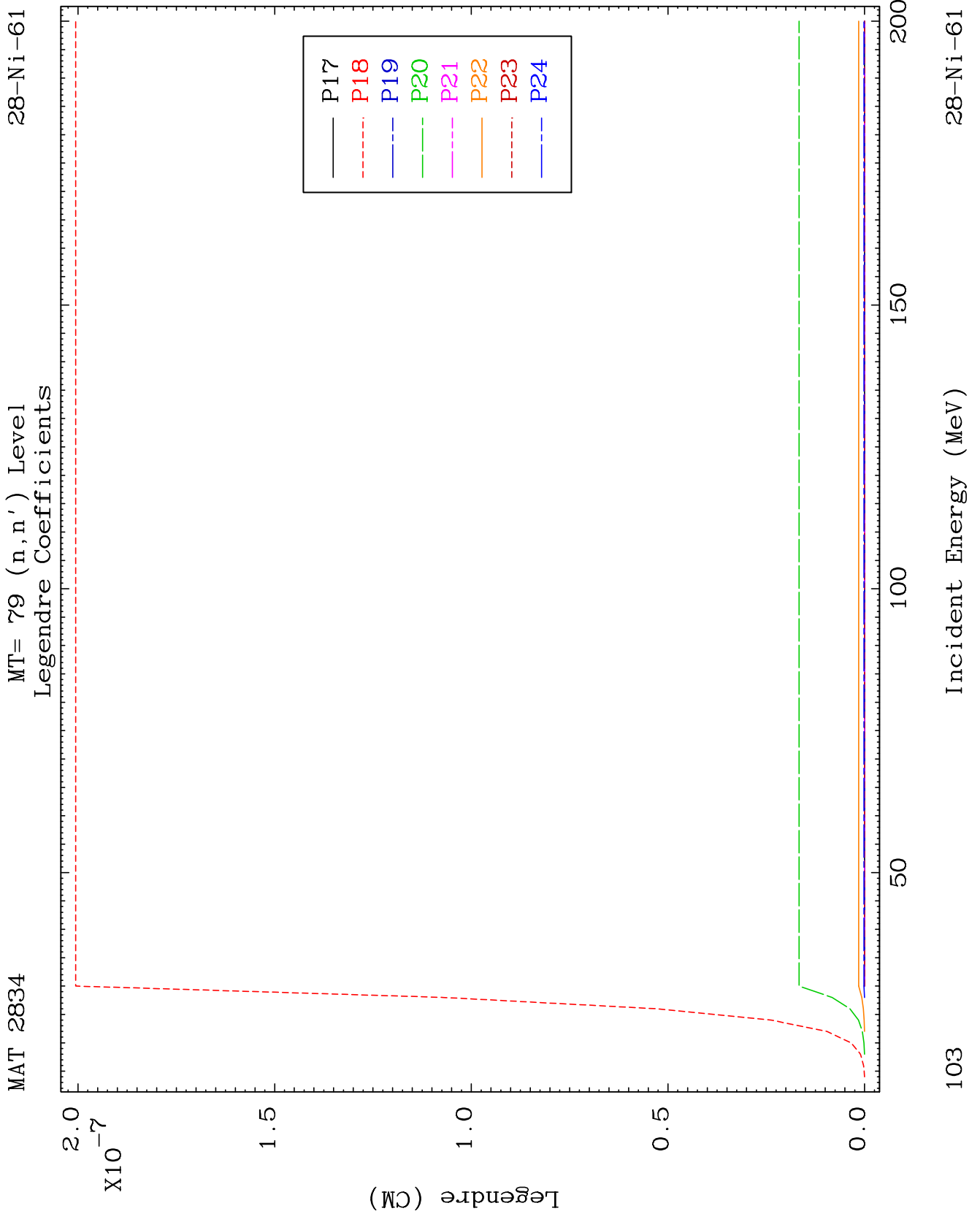
MT= 79 (n,n') Level
Legendre Coefficients

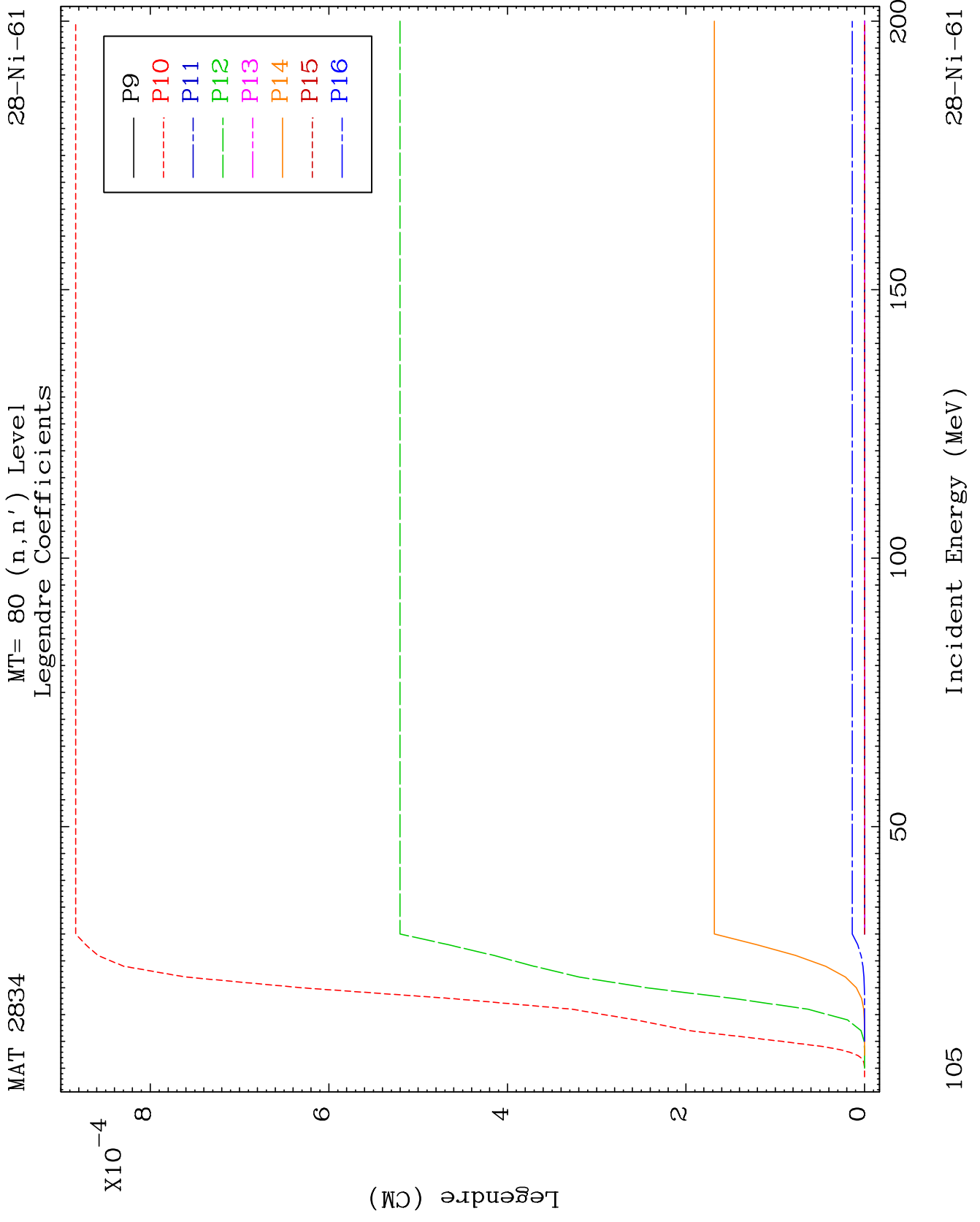


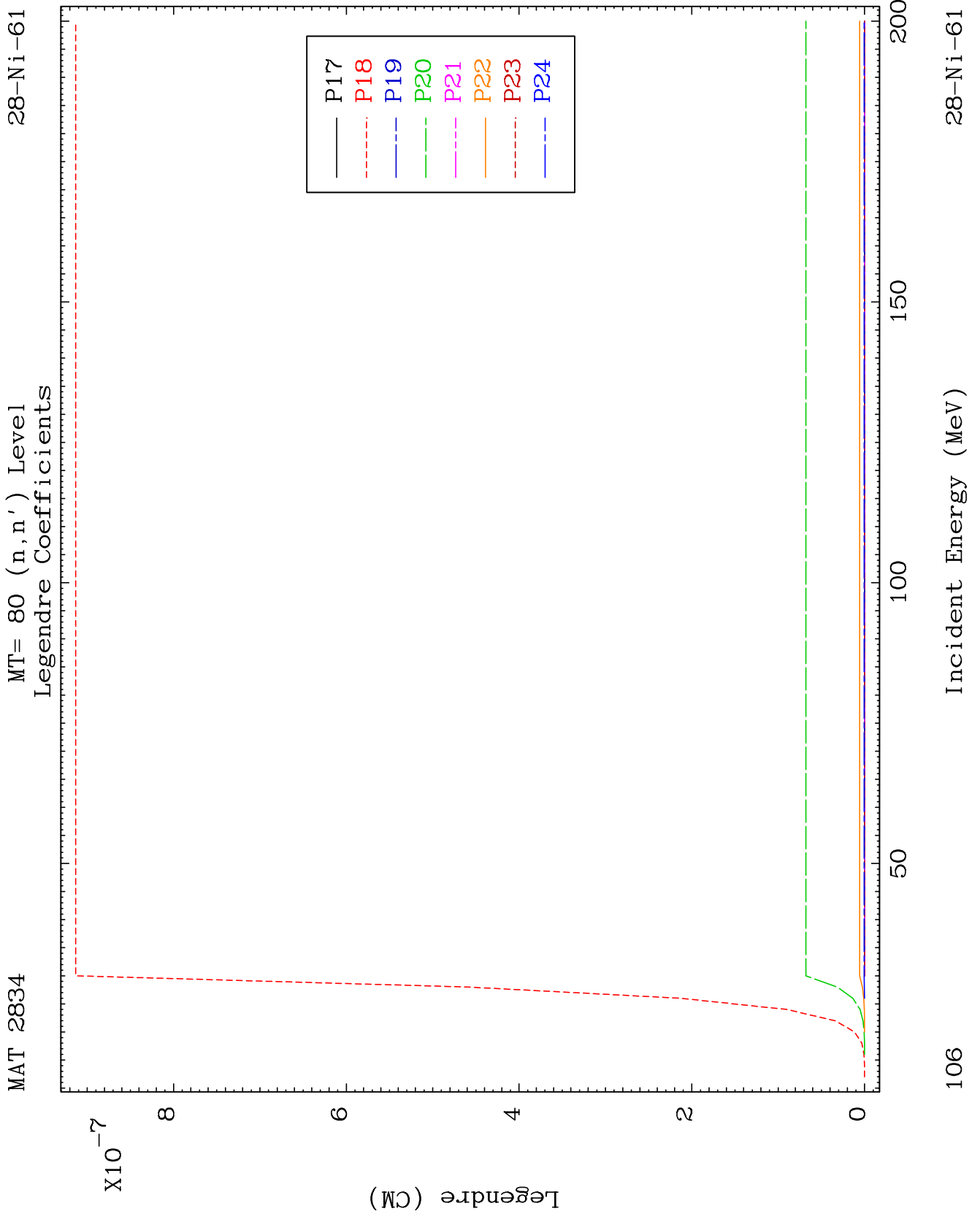
102

Incident Energy (MeV)

28-Ni-61





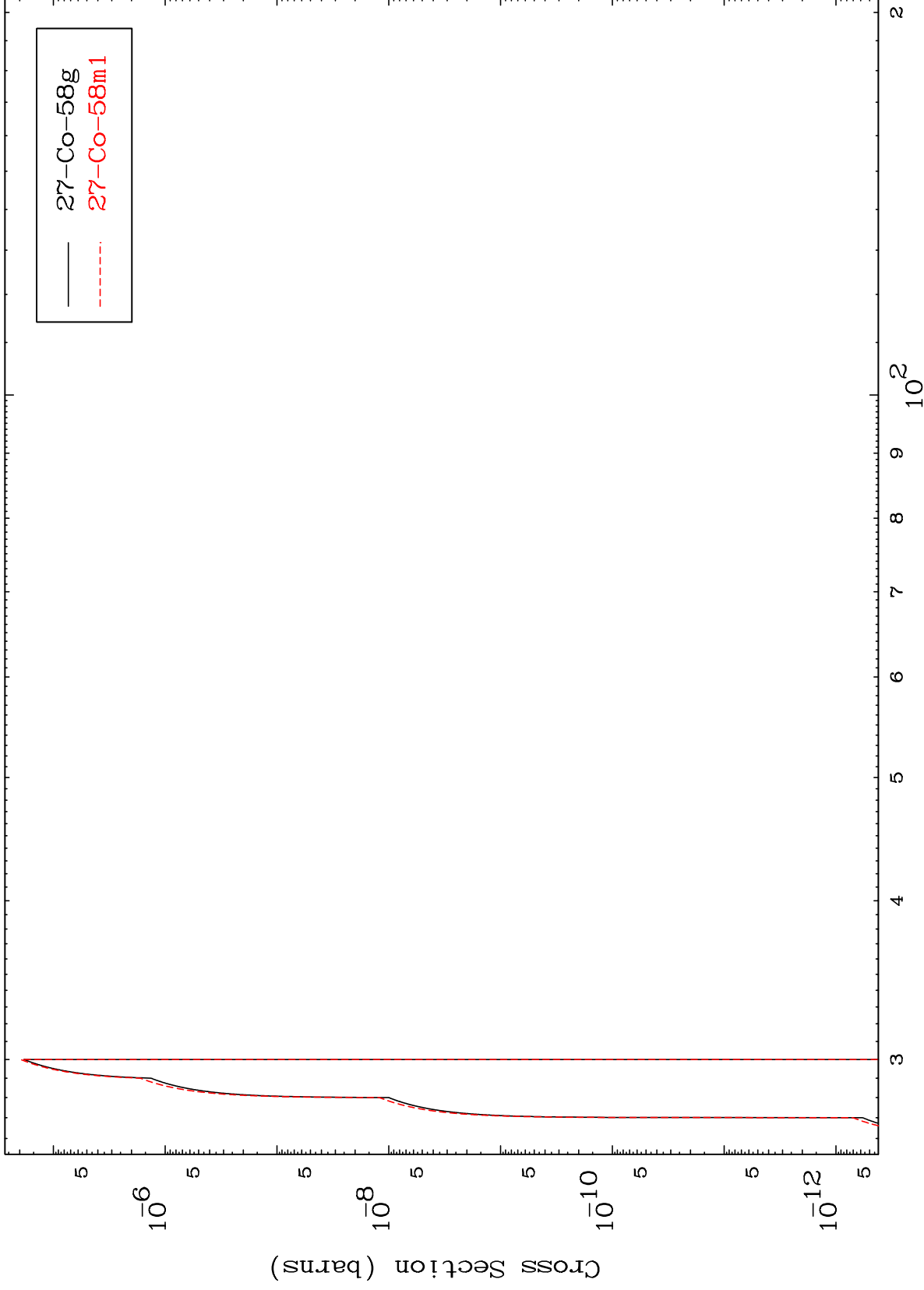


MAT 2834

(n,2n) d

28-Ni-61

Radionuclide Production Cross Section



107

Incident Energy (MeV)

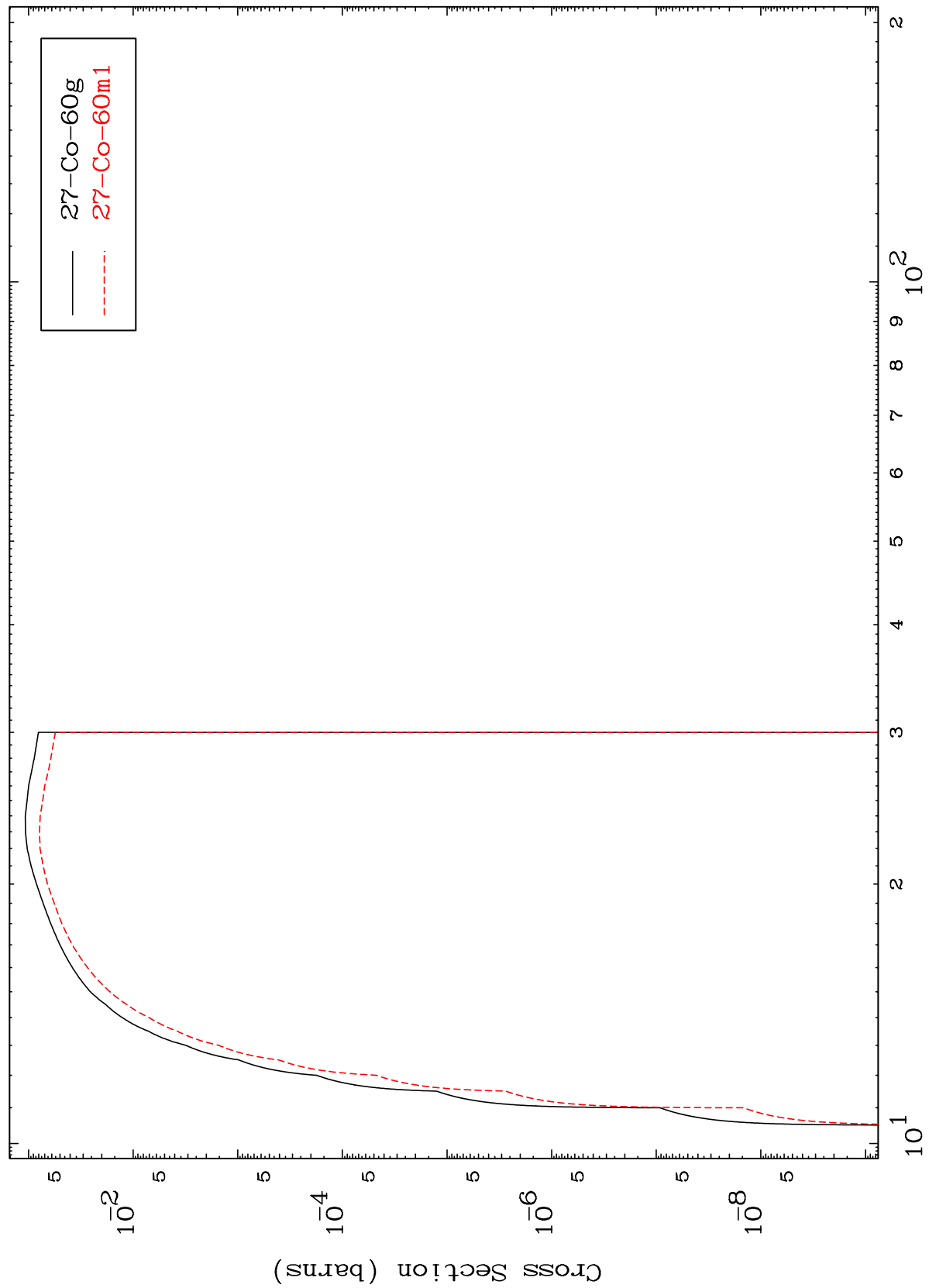
28-Ni-61

MAT 2834

(n,n') p

28-Ni-61

Radionuclide Production Cross Section



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

108

Incident Energy (MeV)

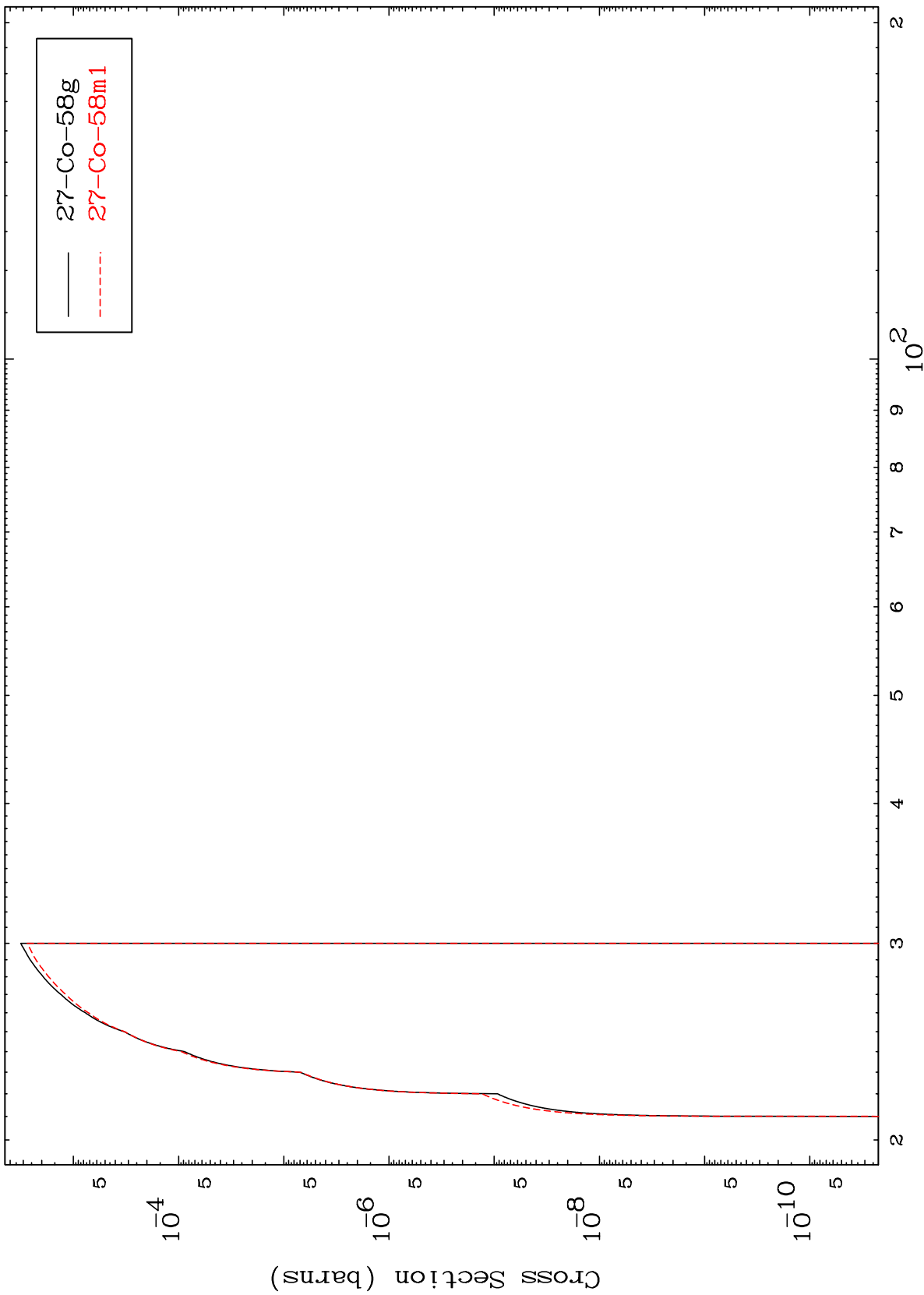
28-Ni-61

MAT 2834

(n,n') t

28-Ni-61

Radionuclide Production Cross Section



109

Incident Energy (MeV)

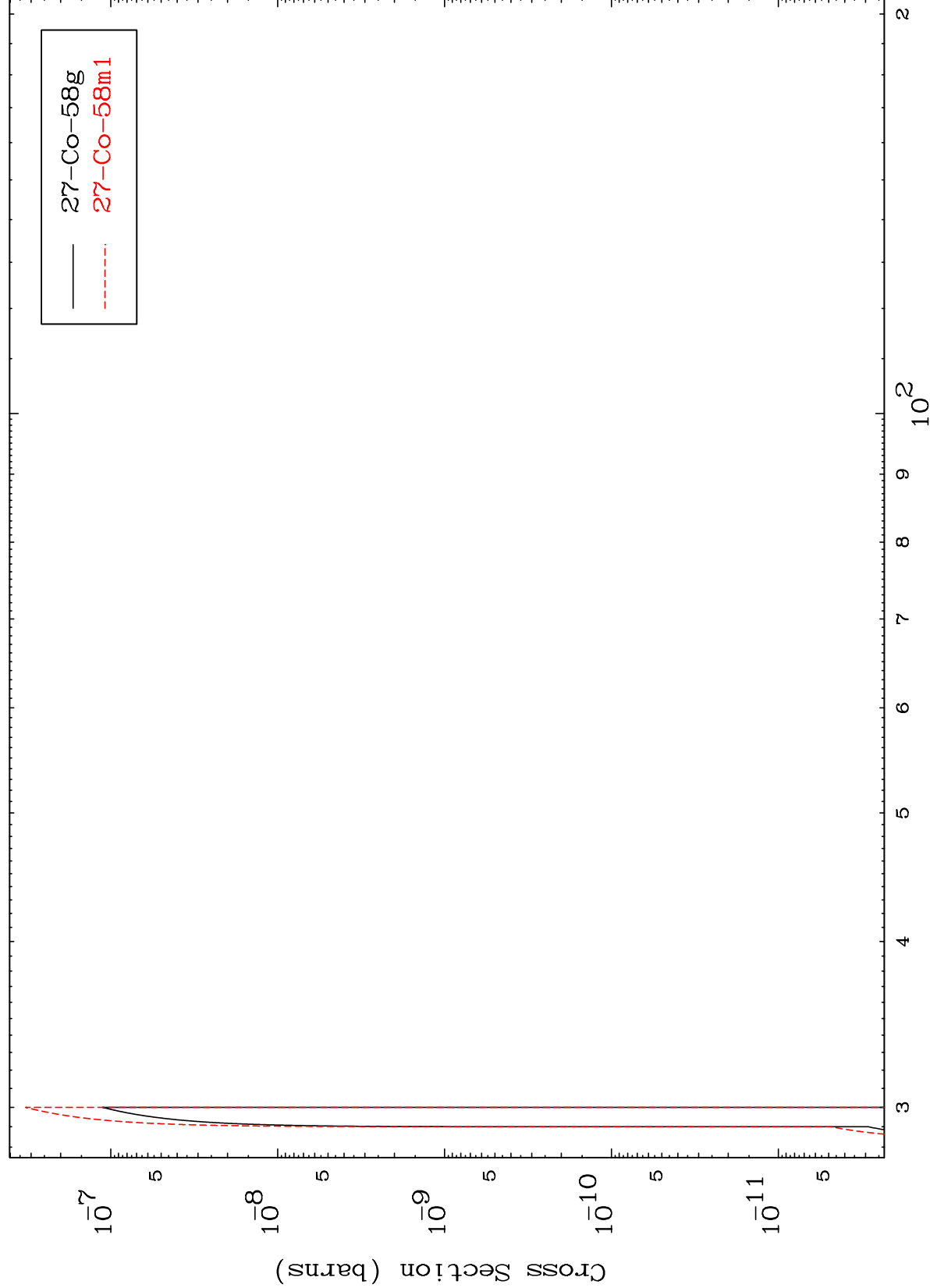
28-Ni-61

MAT 2834

(n,3n) p

28-Ni-61

Radionuclide Production Cross Section



110

Incident Energy (MeV)

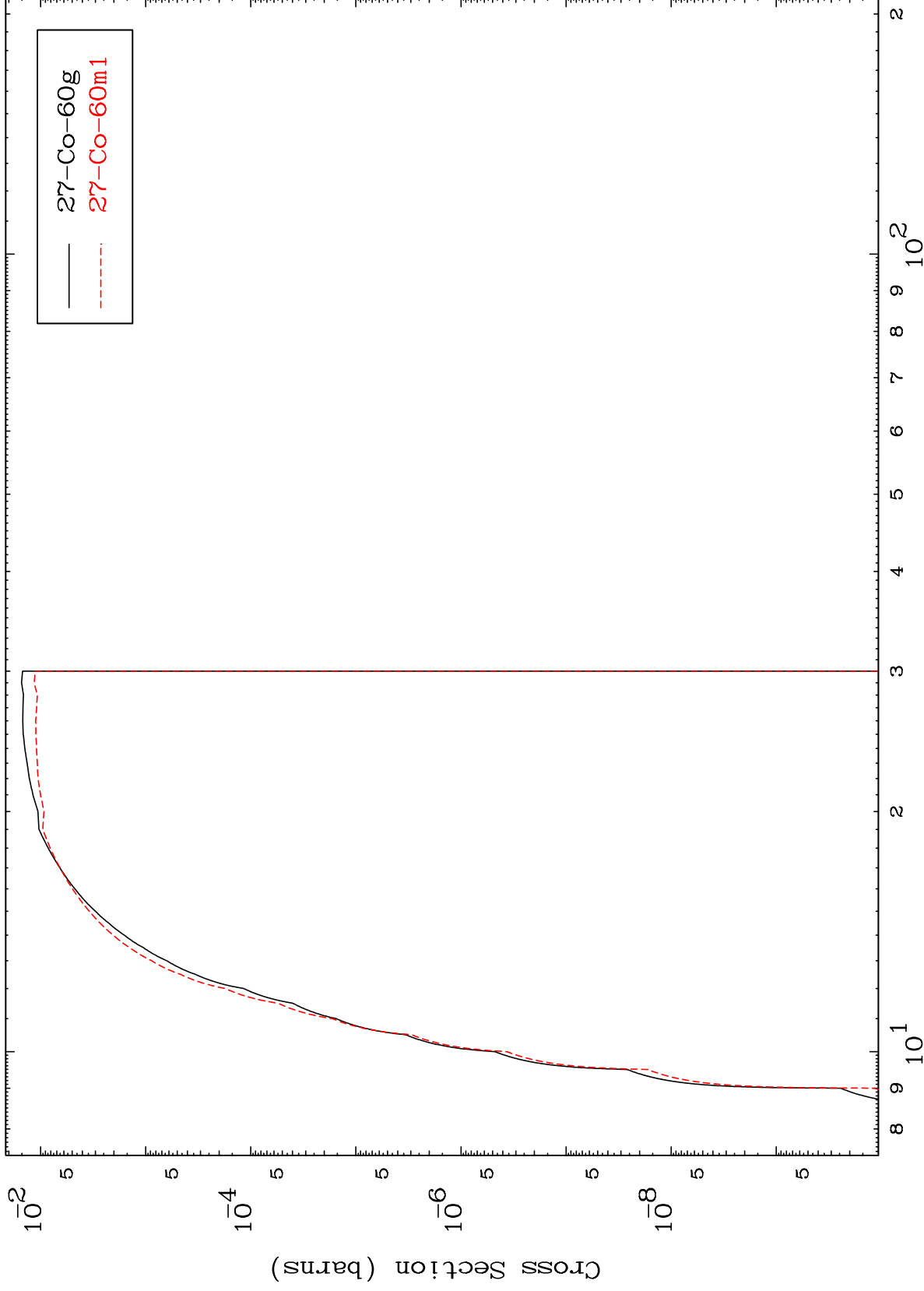
28-Ni-61

MAT 2834

(n,d)

28-Ni-61

Radionuclide Production Cross Section



111

Incident Energy (MeV)

28-Ni-61