

Program EVALPLOT
(Version 2021-1)

by

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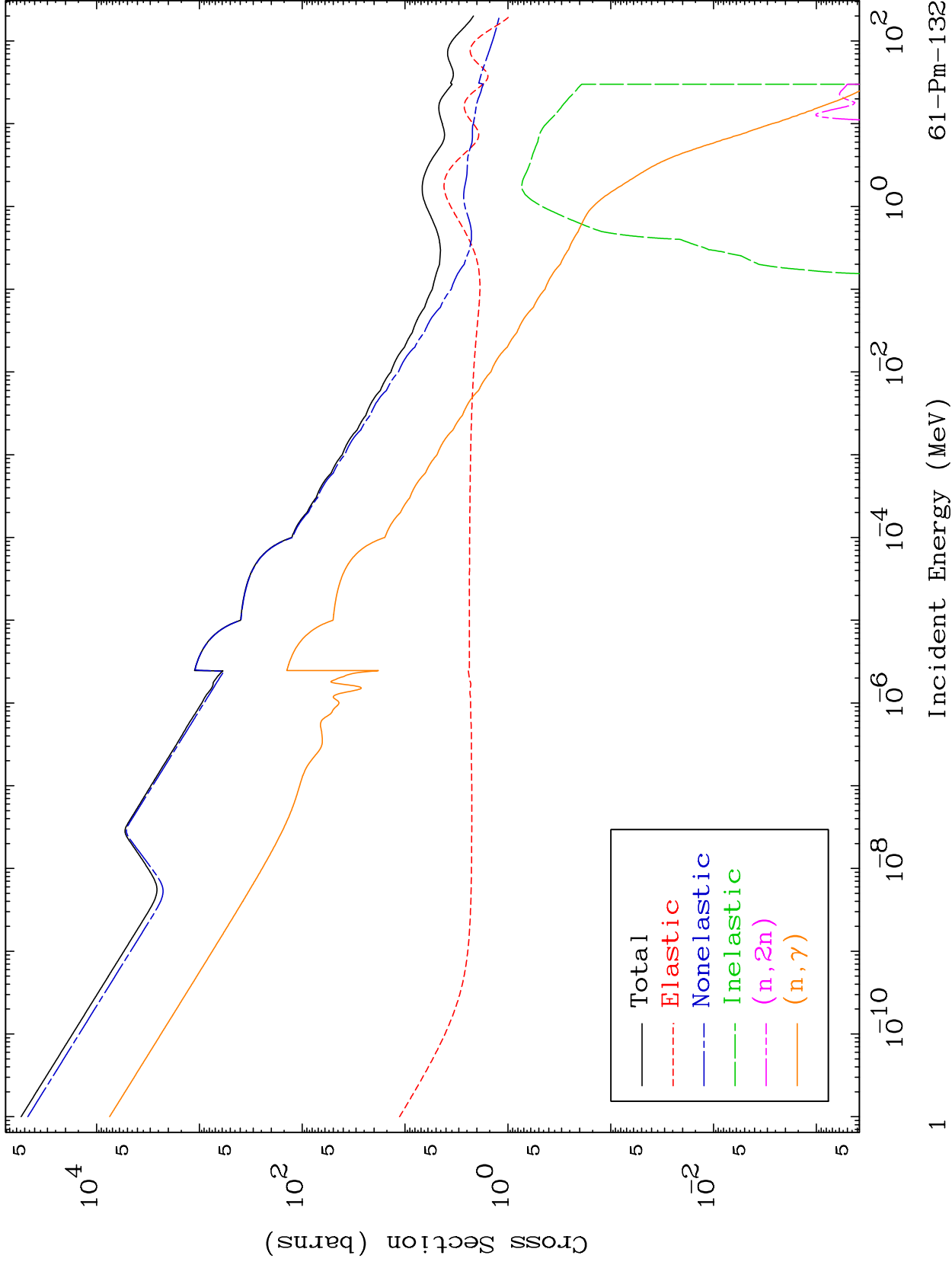
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6104

Neutron Major
293 Kelvin Cross Sections

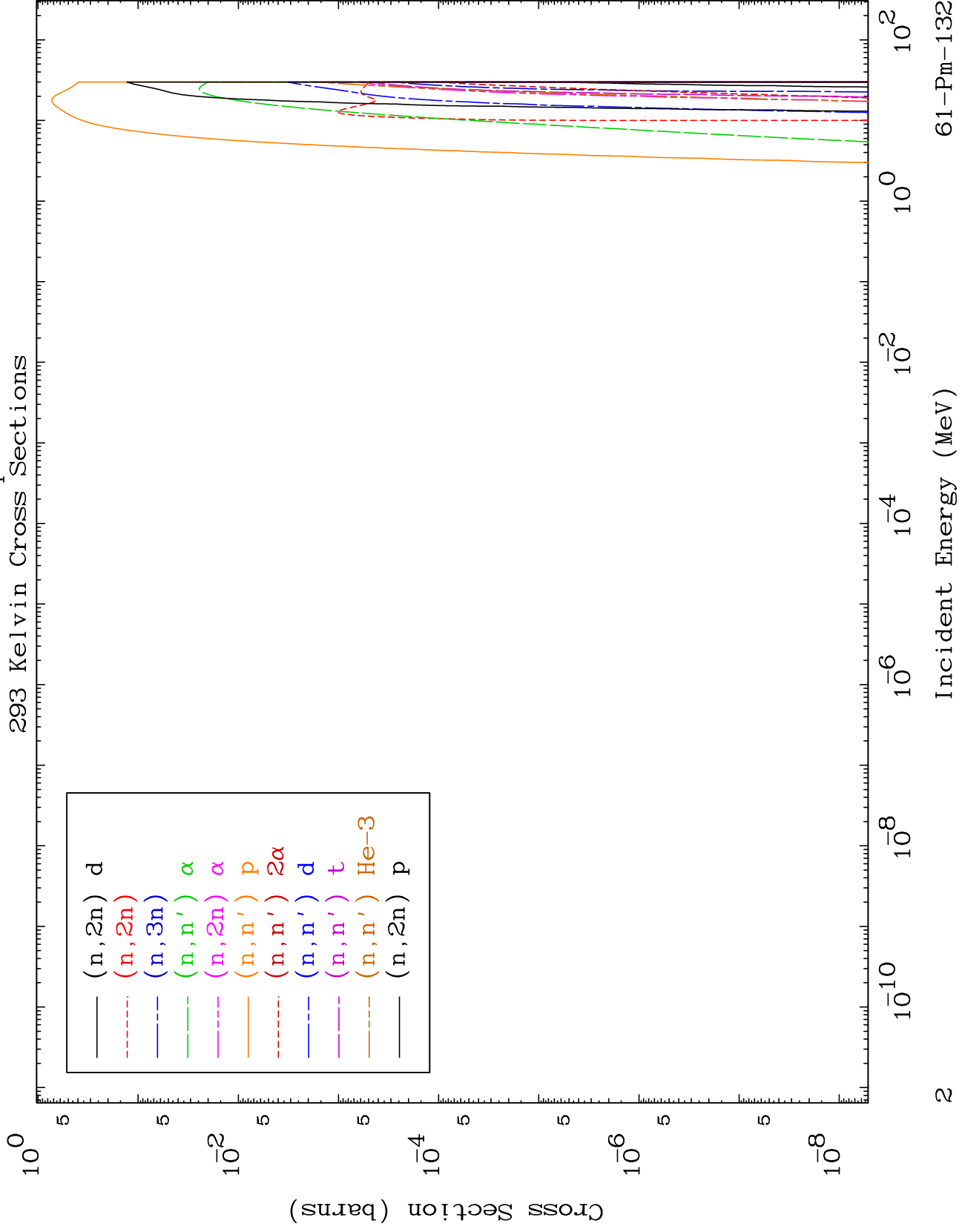
61-Pm-132



MAT 6104

Neutron Absorption
293 Kelvin Cross Sections

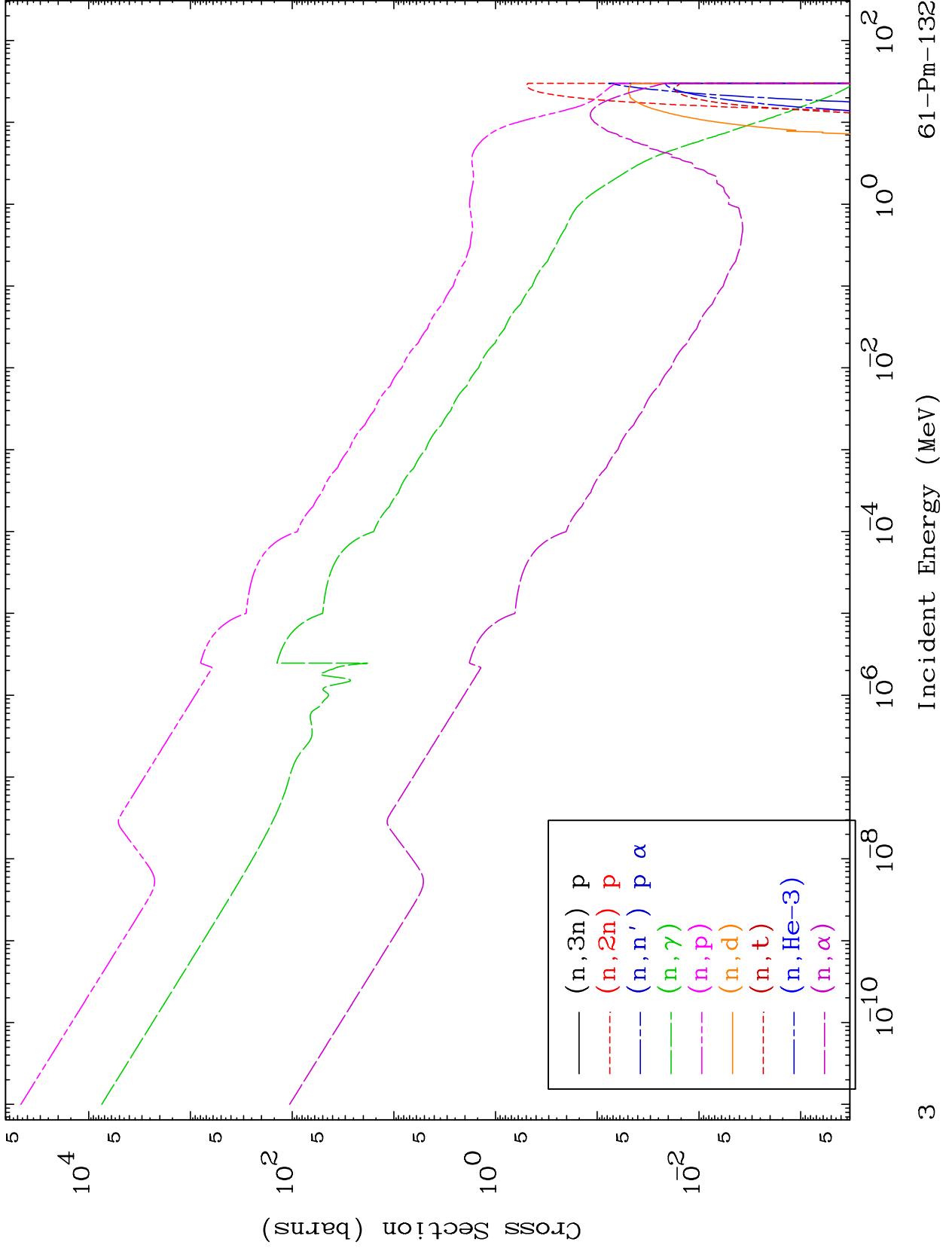
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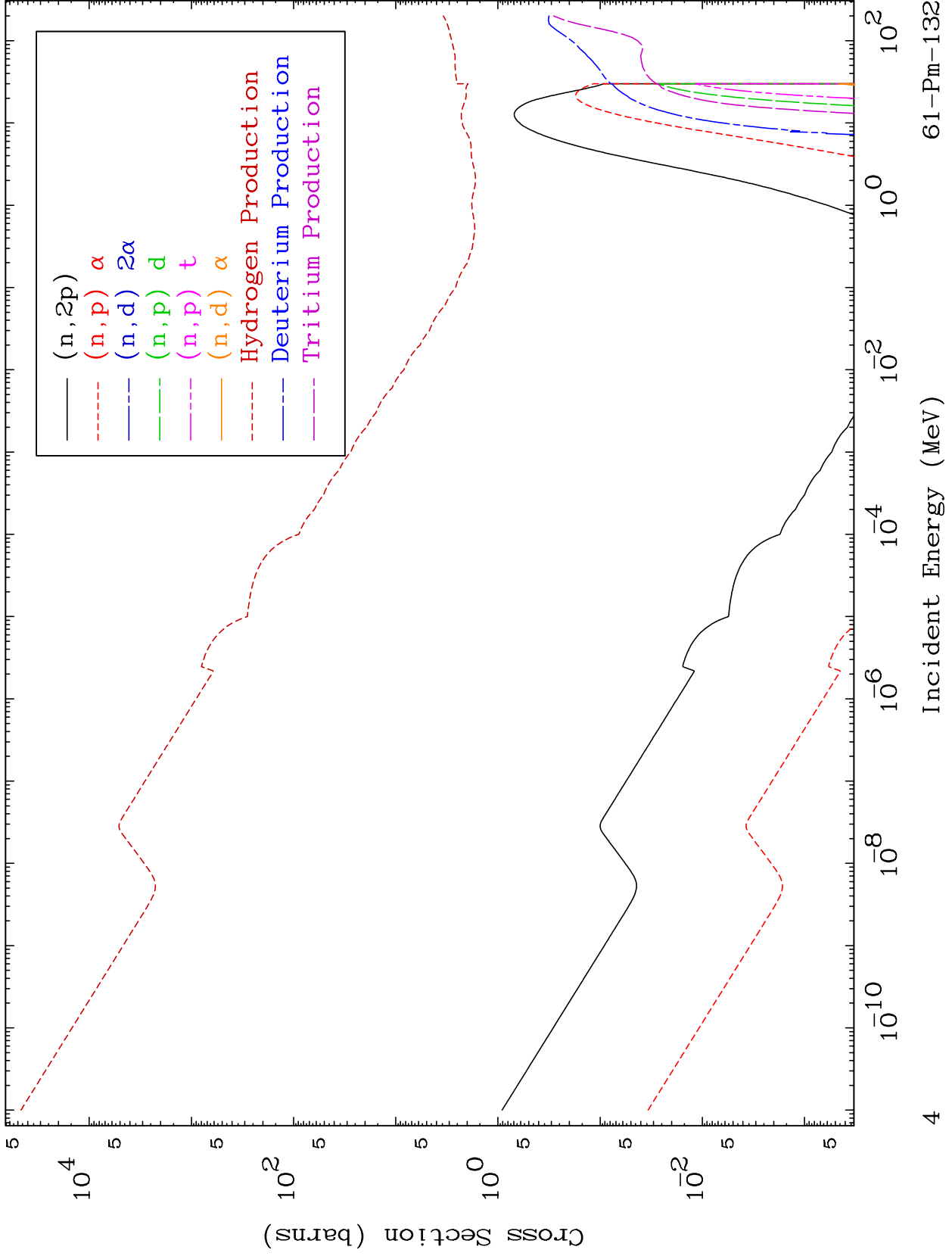


MAT 6104

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-132

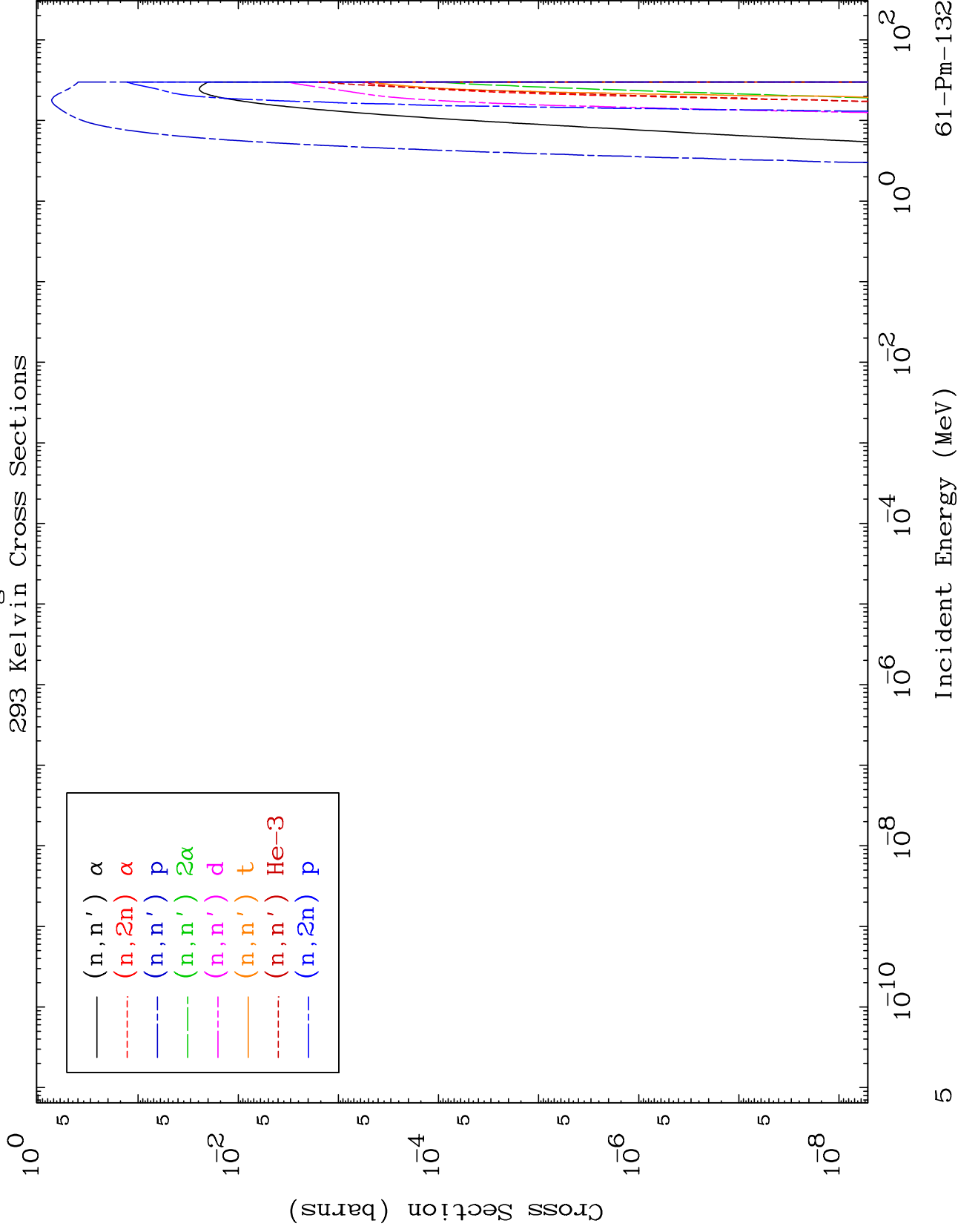




MAT 6104

Charged Particle
293 Kelvin Cross Sections

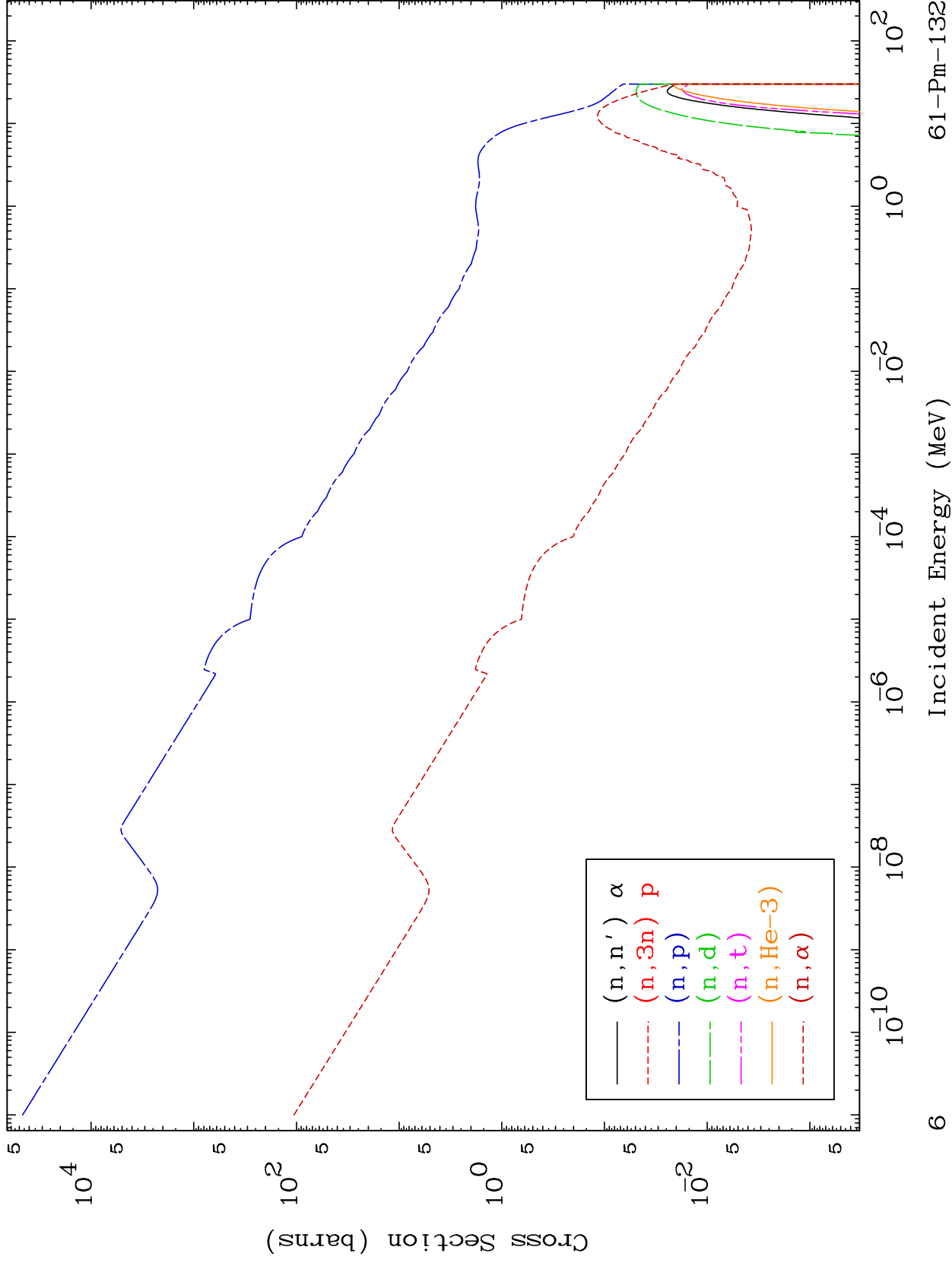
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MAT 6104

Charged Particle
293 Kelvin Cross Sections

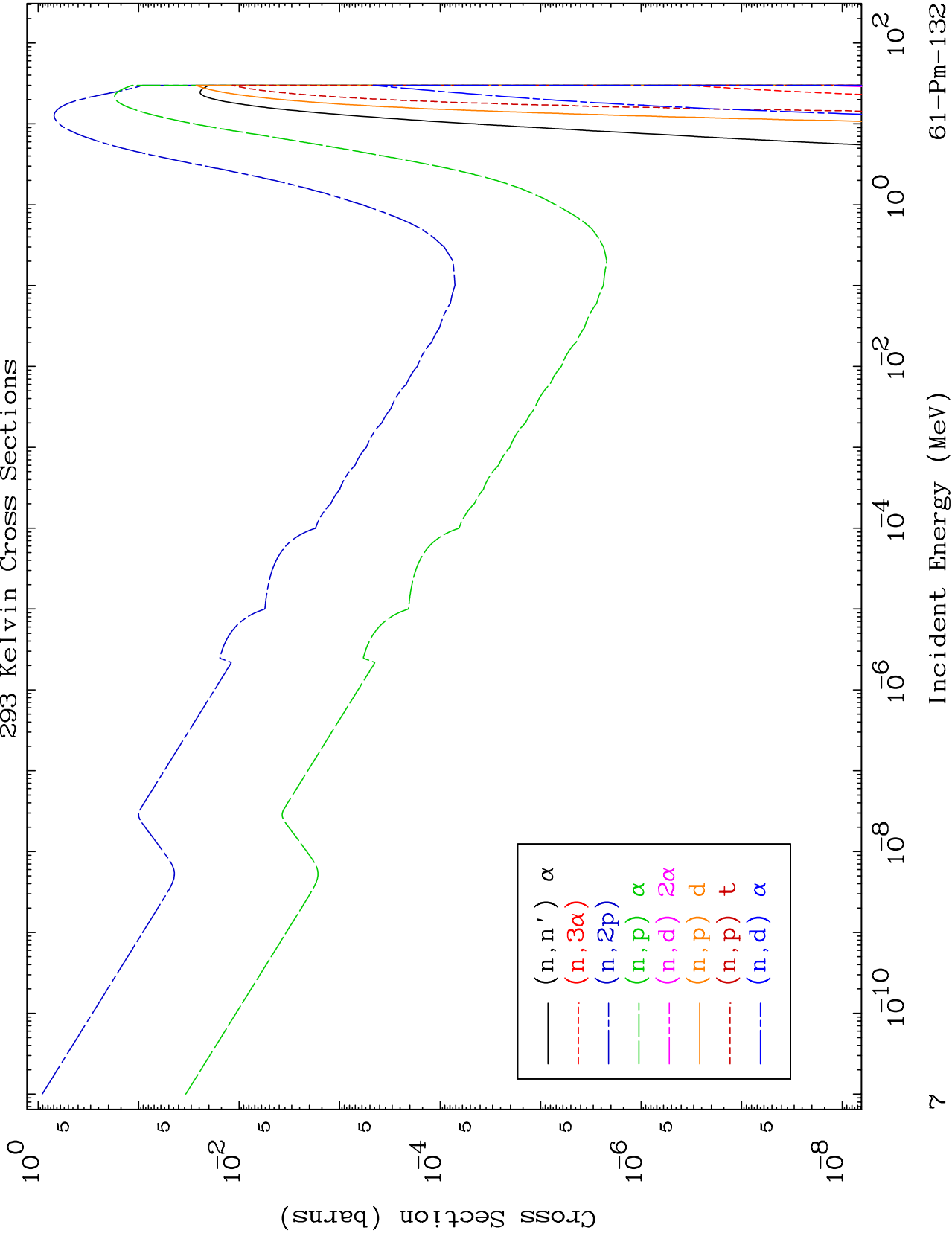
61-Pm-132



MAT 6104

Charged Particle
293 Kelvin Cross Sections

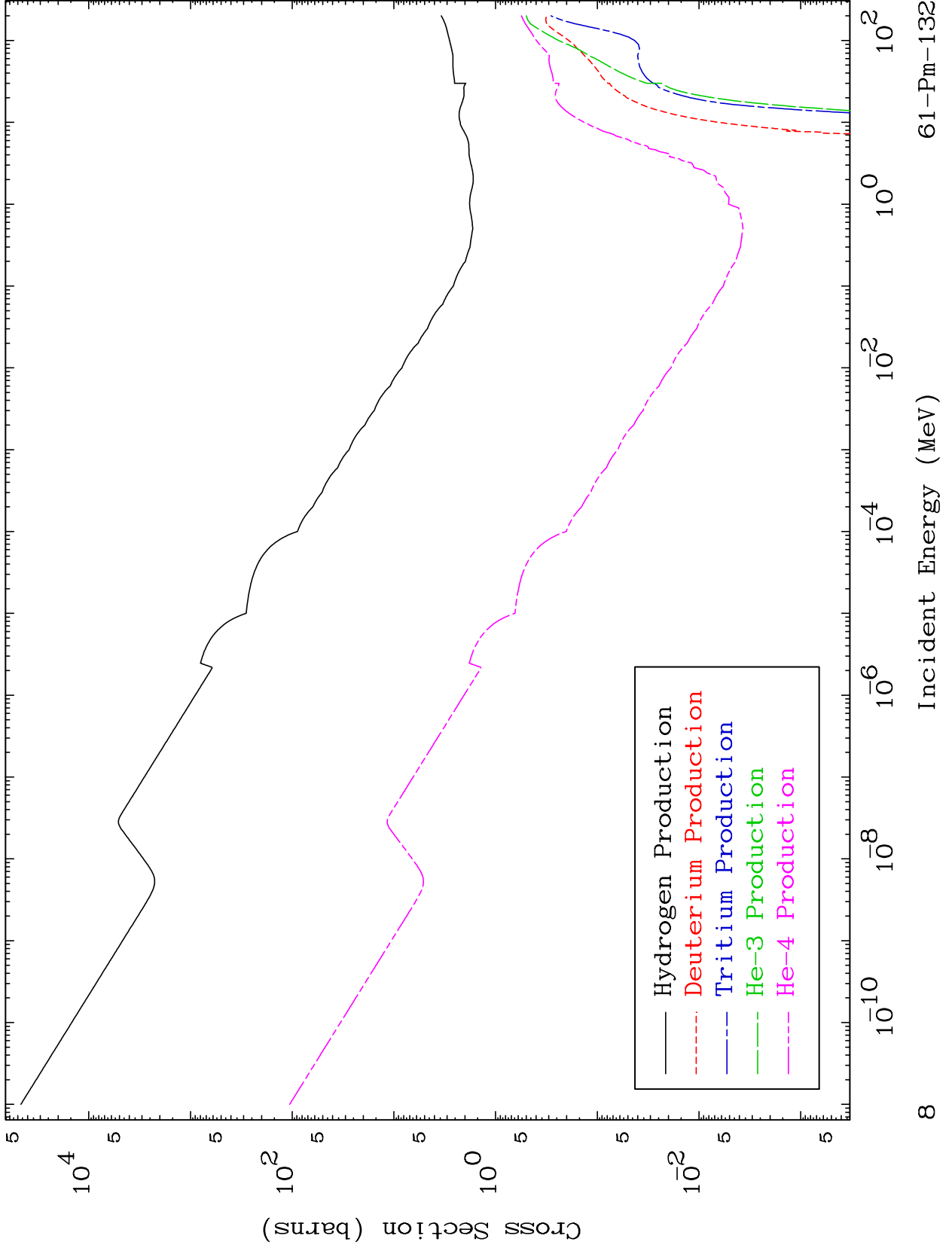
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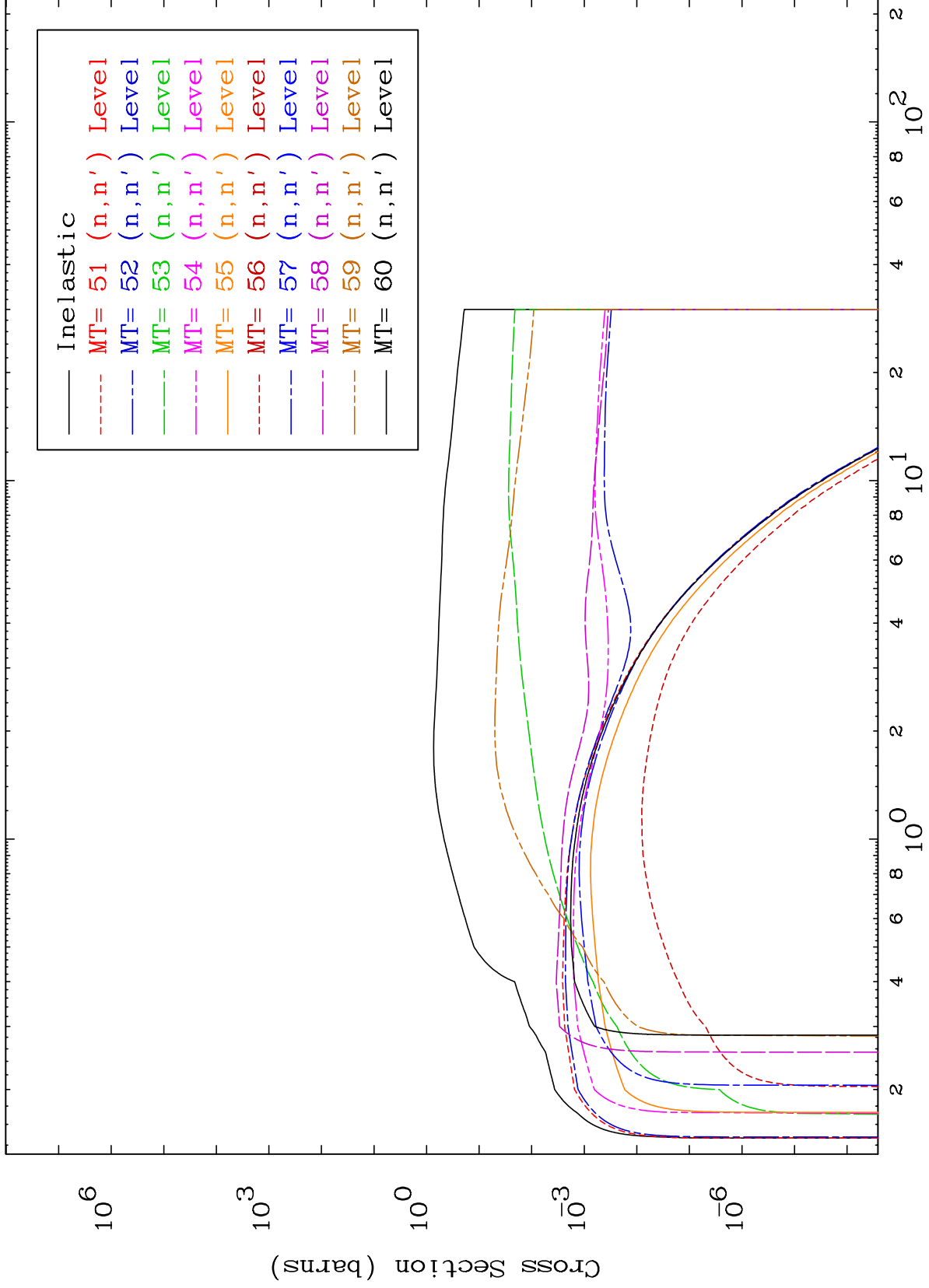
MAT 6104

Particle Production
293 Kelvin Cross Sections

61-Pm-132



293 Kelvin Cross Sections

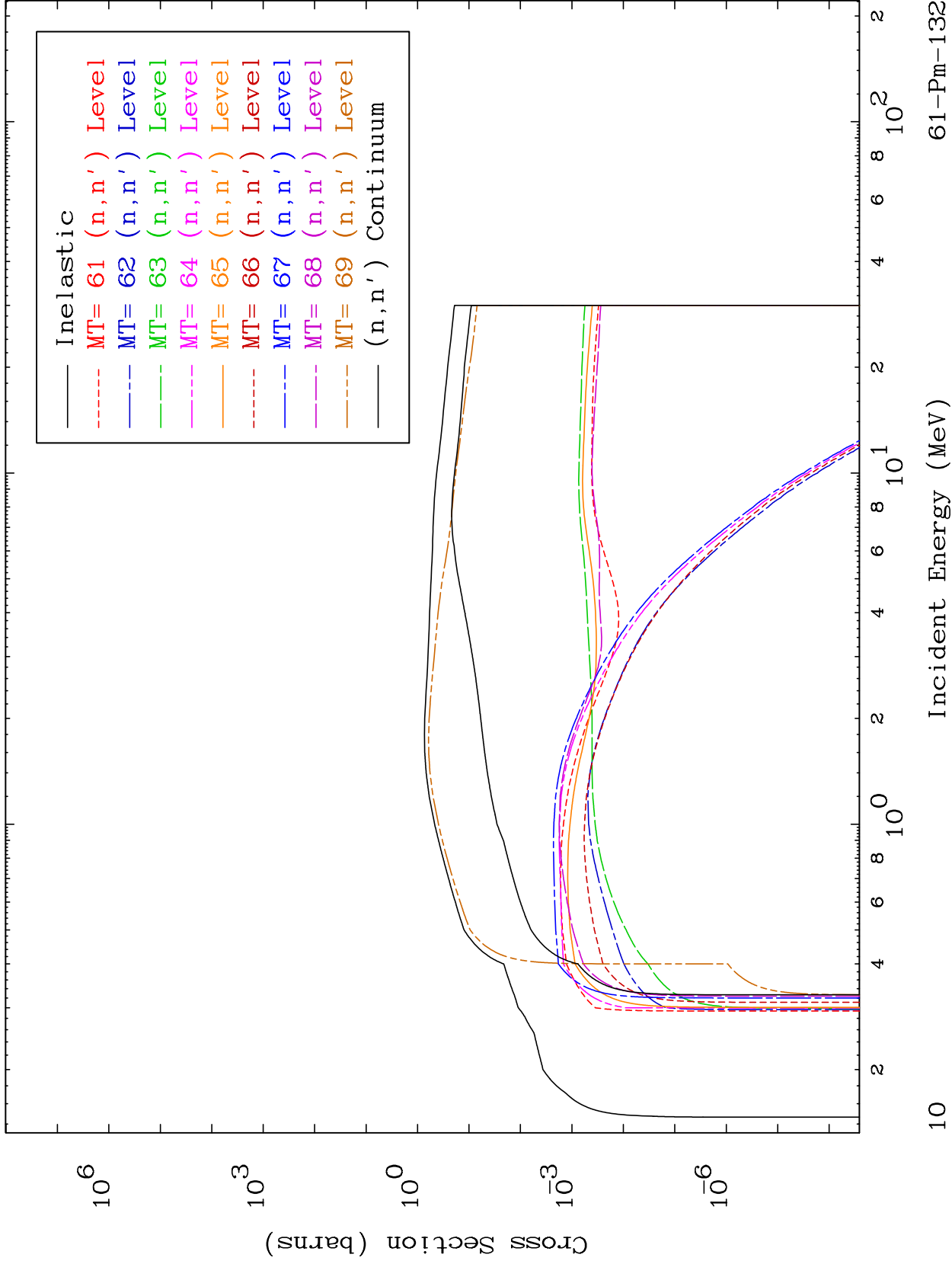


MAT 6104

(n,n') Levels

293 Kelvin Cross Sections

61-Pm-132



10

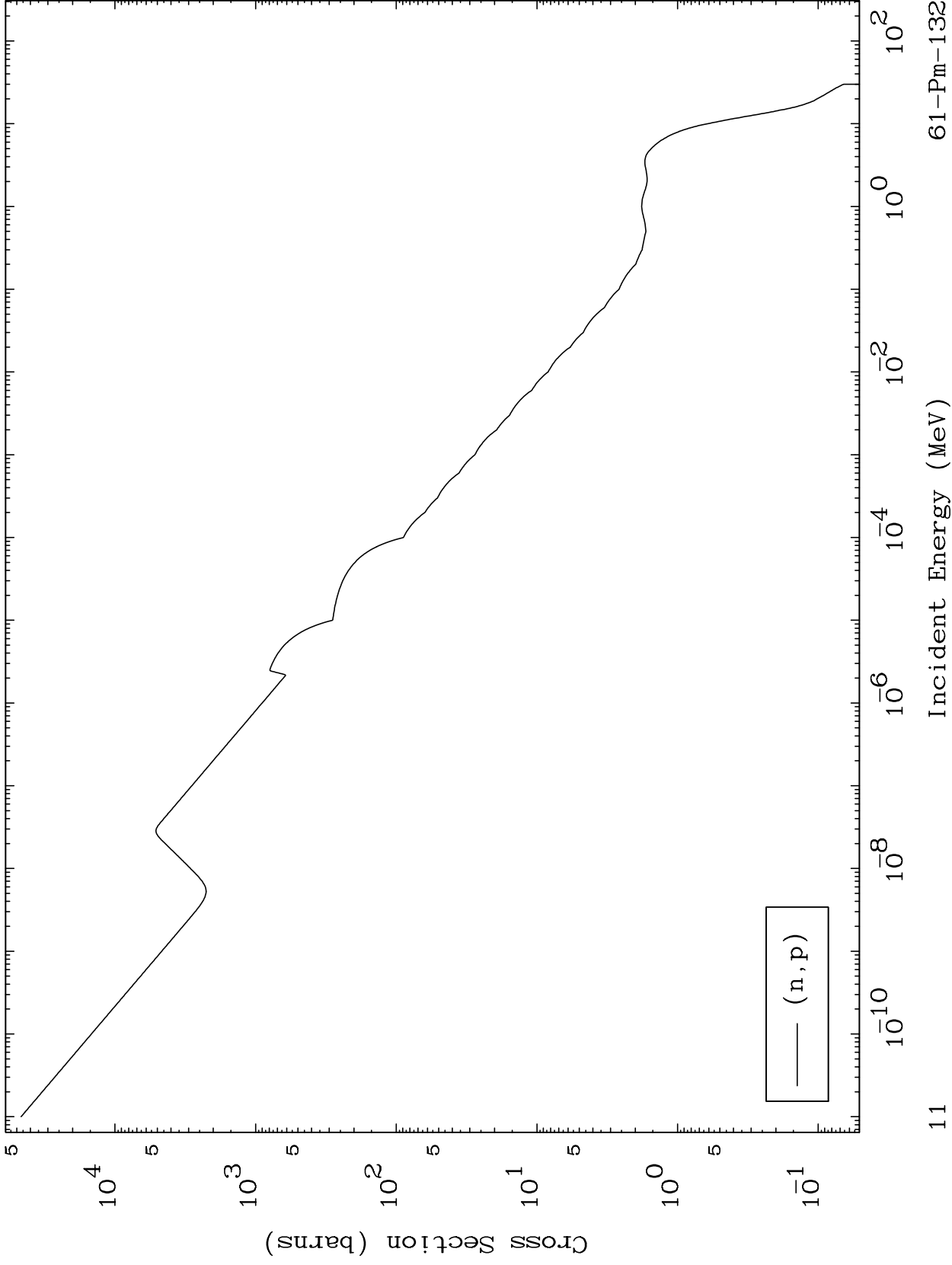
Incident Energy (MeV)

61-Pm-132

MAT 6104

(n,p) Levels
293 Kelvin Cross Sections

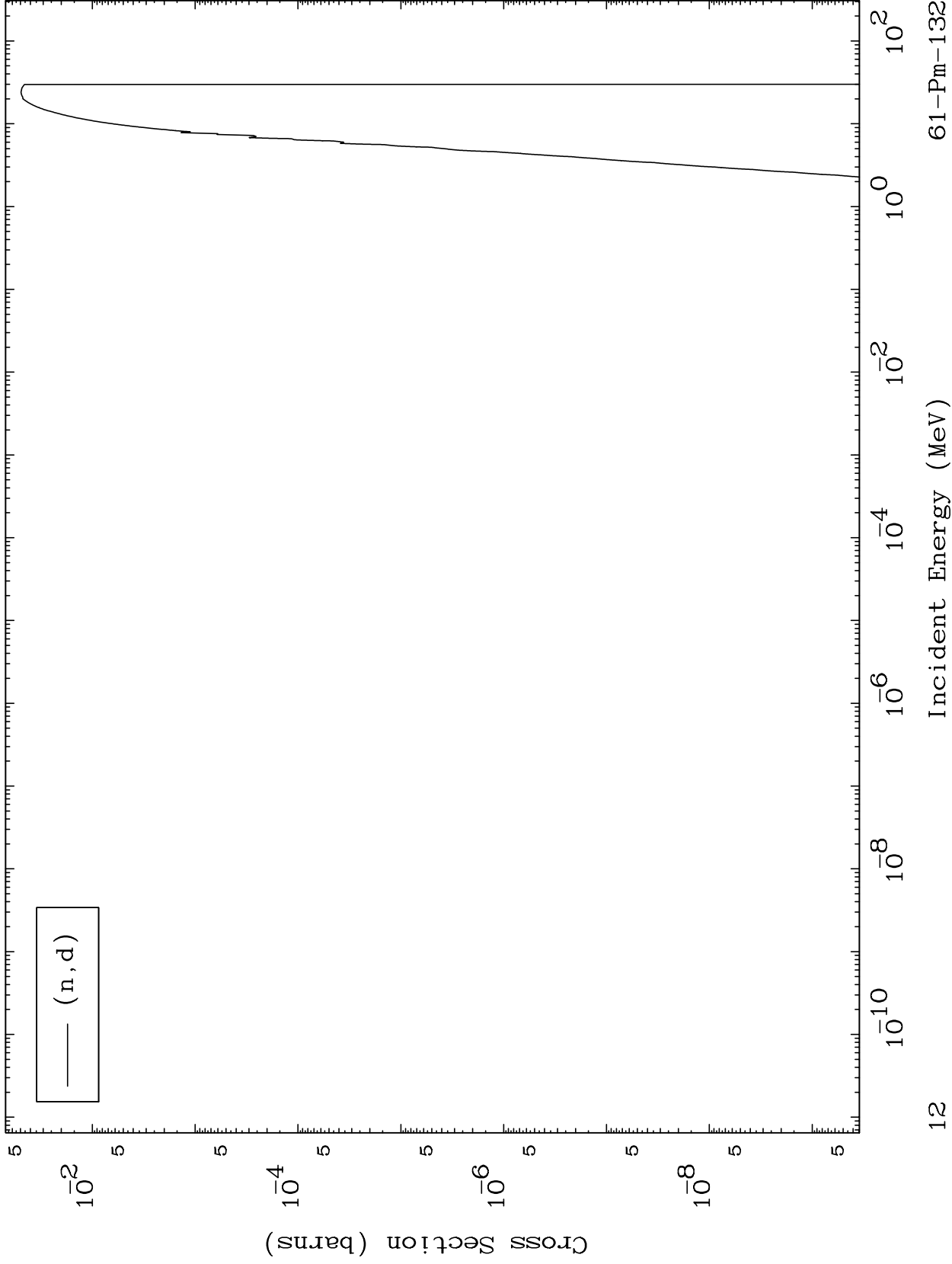
61-Pm-132



MAT 6104

(n,d) Levels
293 Kelvin Cross Sections

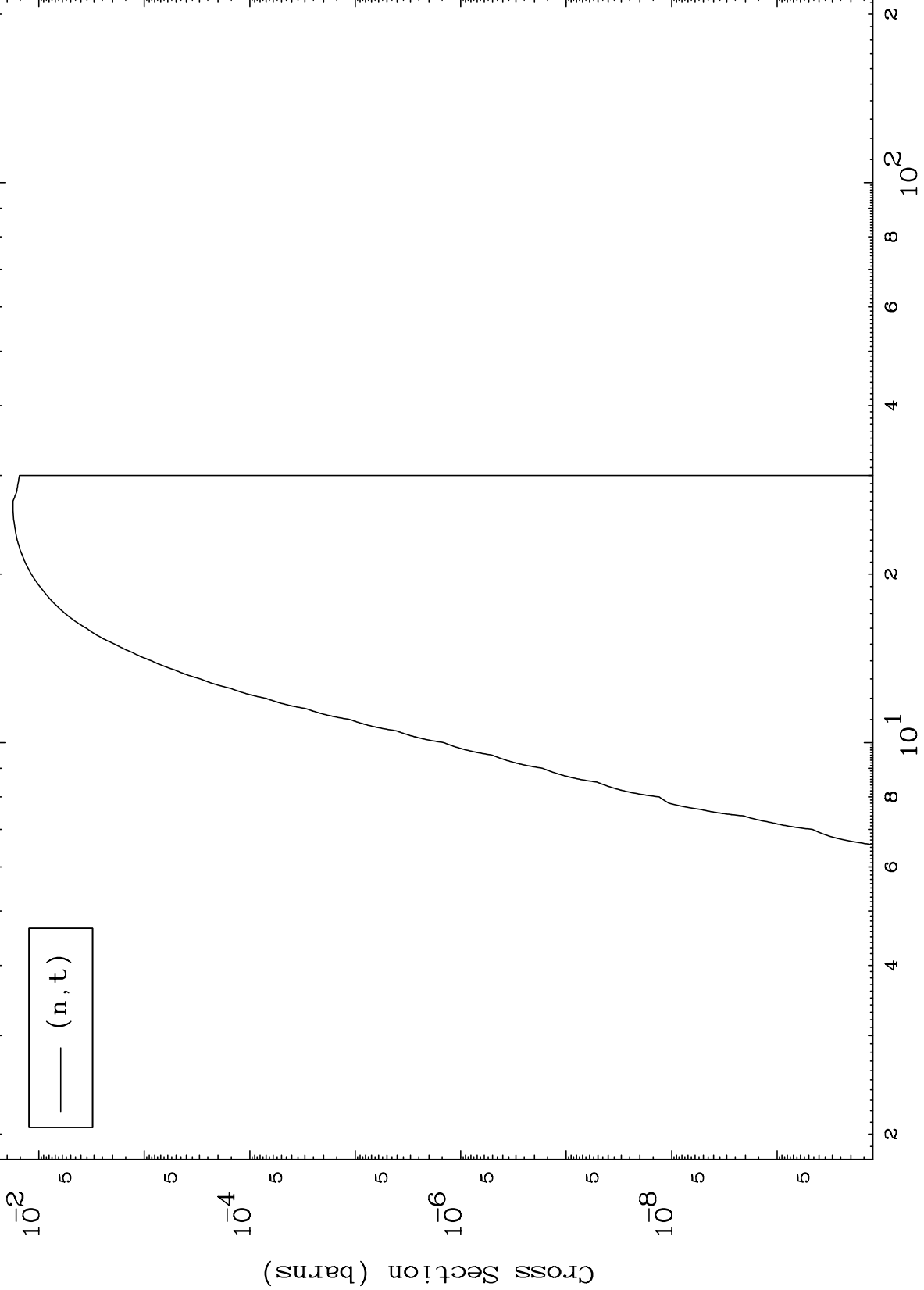
61-Pm-132



MAT 6104

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-132



13

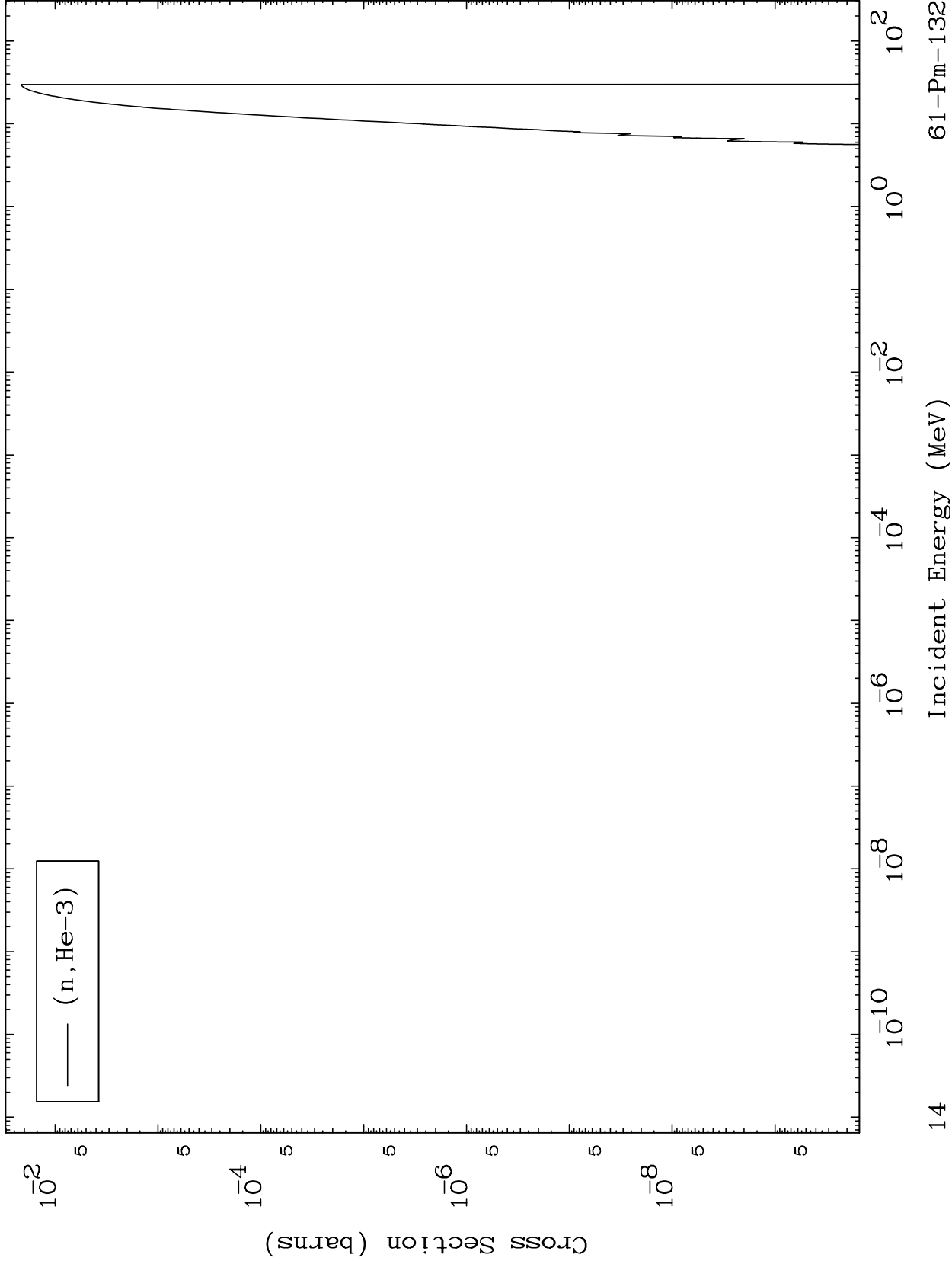
Incident Energy (MeV)

61-Pm-132

MAT 6104

(n,He3) Levels
293 Kelvin Cross Sections

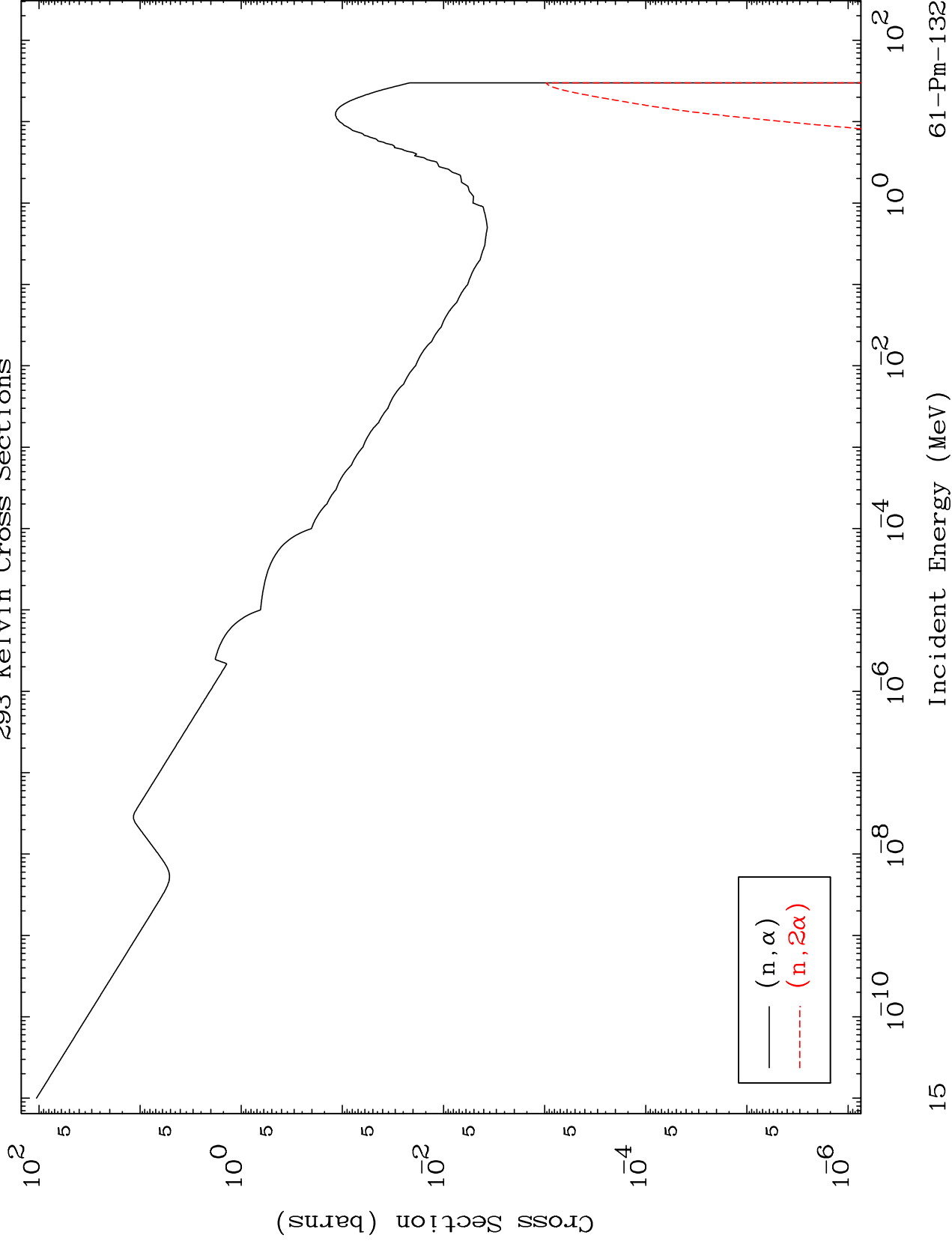
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MAT 6104

(n, α) Levels
293 Kelvin Cross Sections

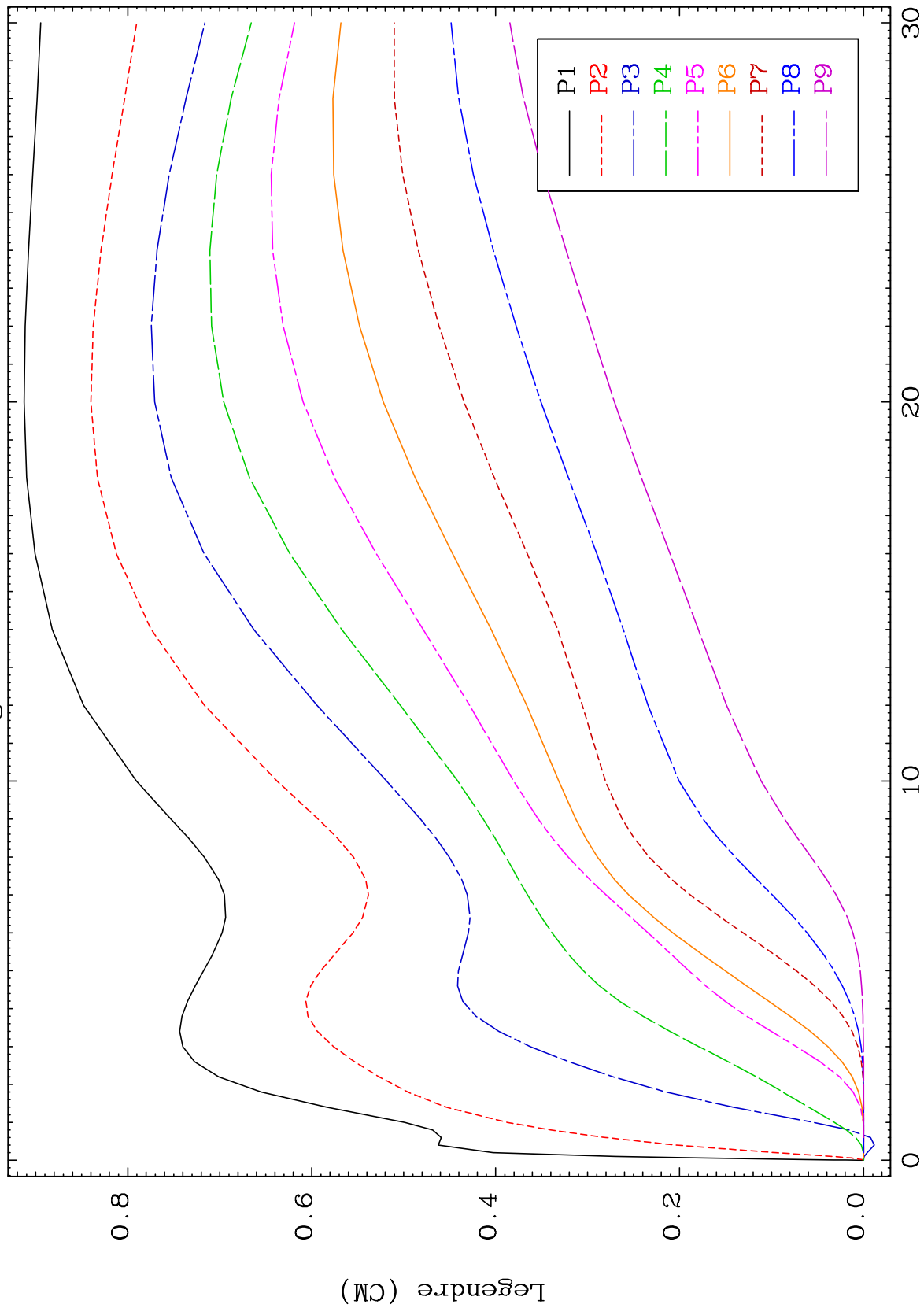
61-Pm-132



MAT 6104

Elastic Legendre Coefficients

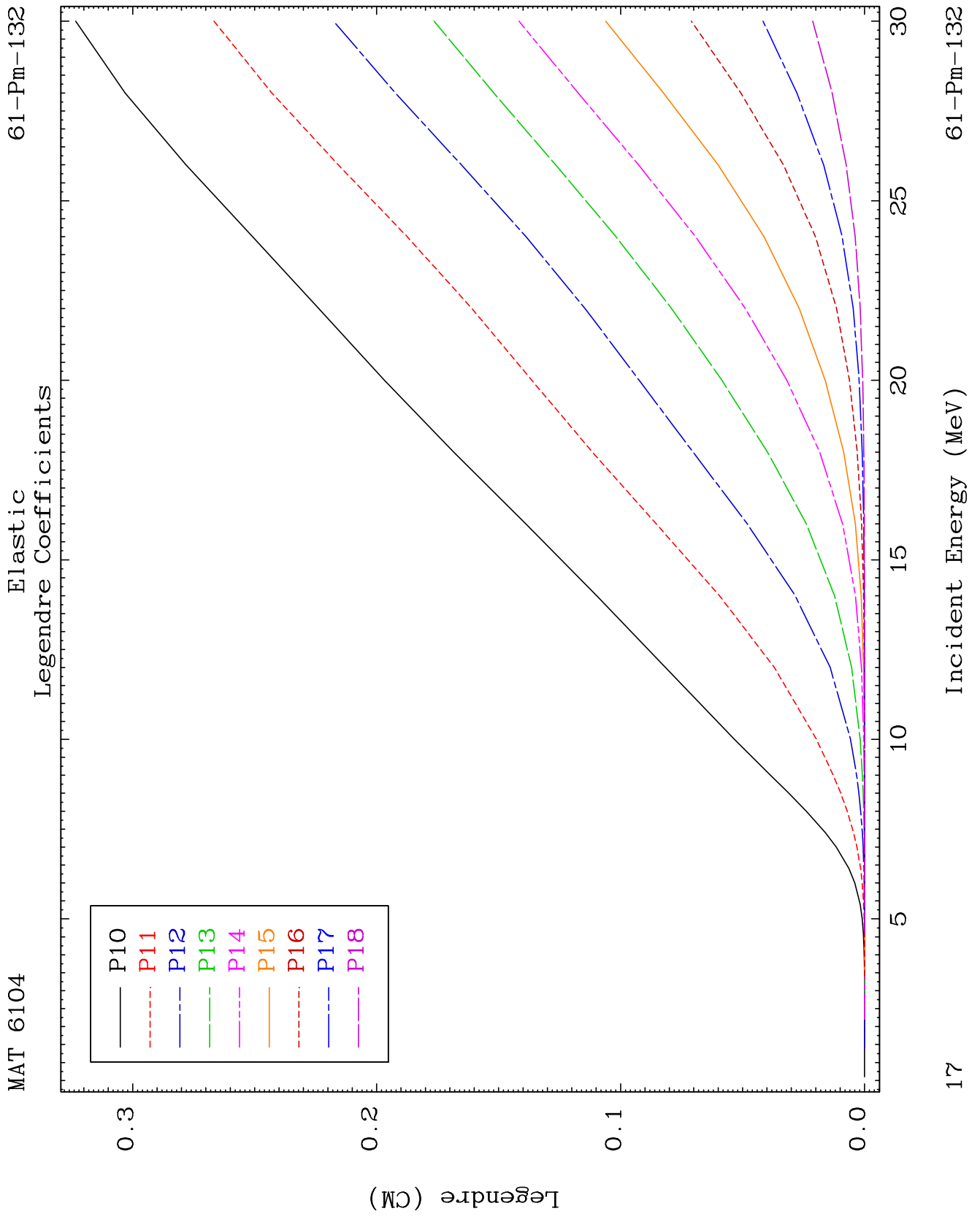
61-Pm-132



16

Incident Energy (MeV)

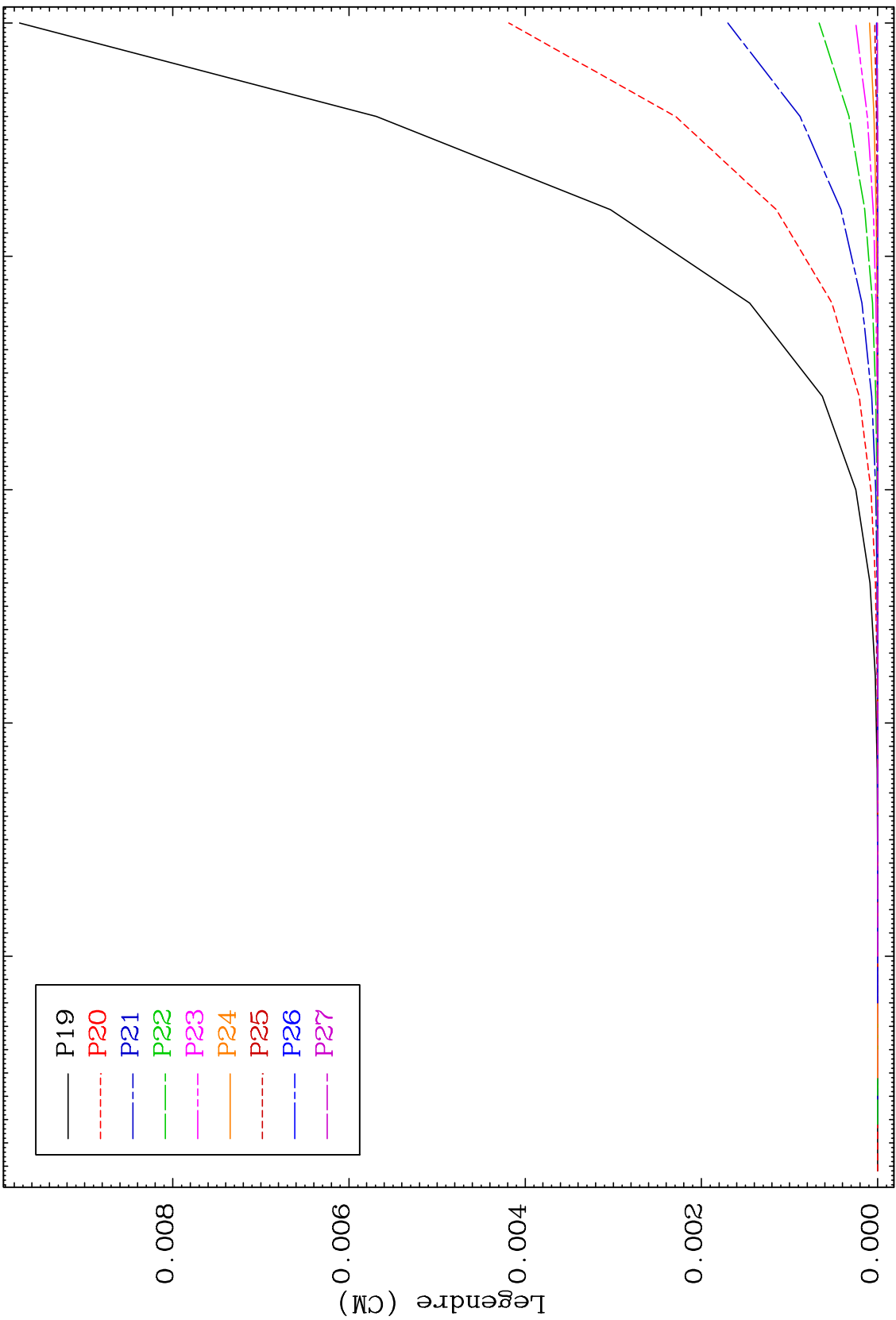
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MAT 6104

Elastic Legendre Coefficients

61-Pm-132



18

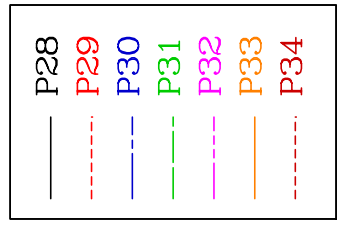
Incident Energy (MeV)

61-Pm-132

MAT 6104

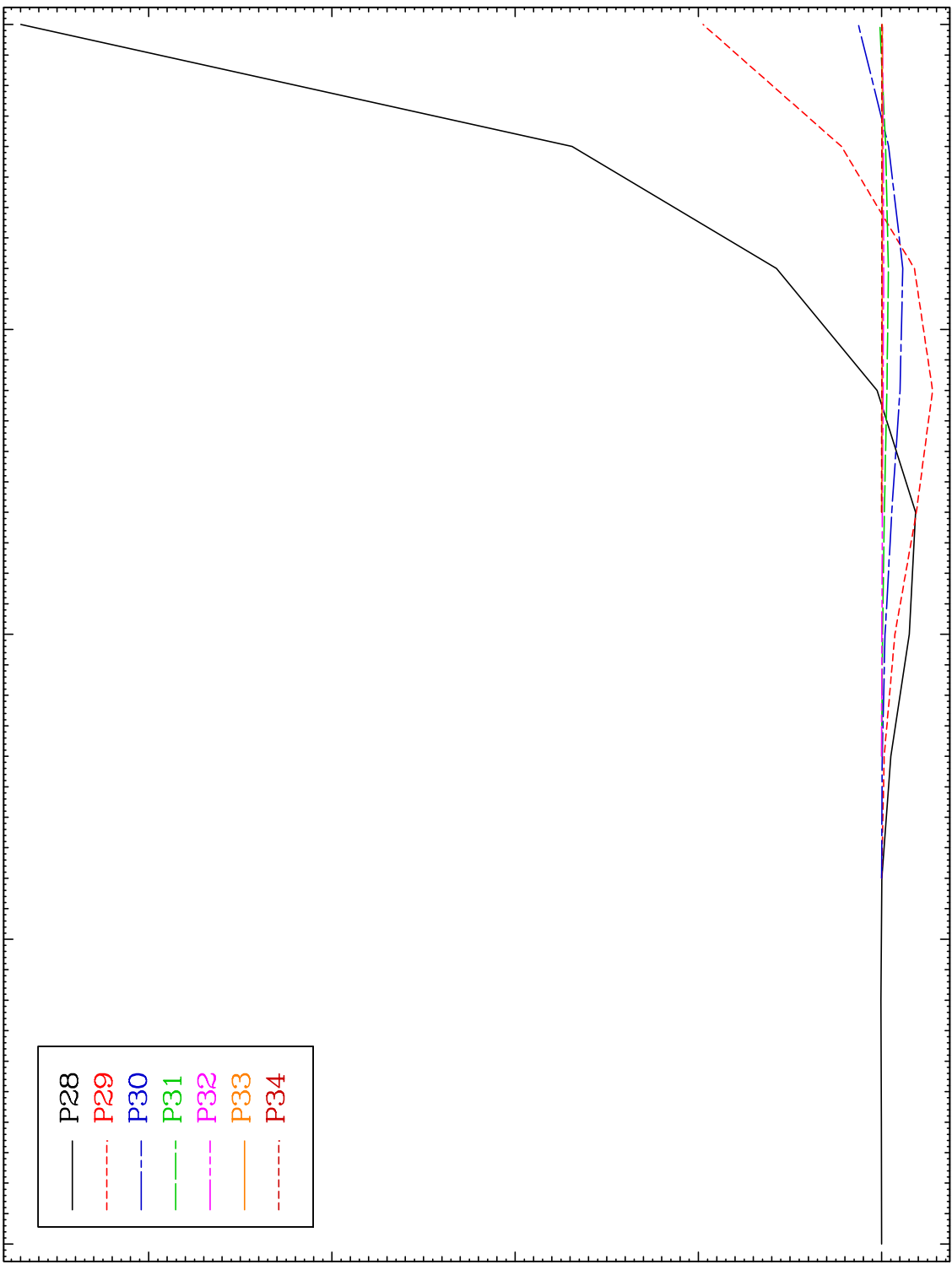
Elastic
Legendre Coefficients

61-Pm-132



$\times 10^{-7}$

Legendre (CM)



10

15

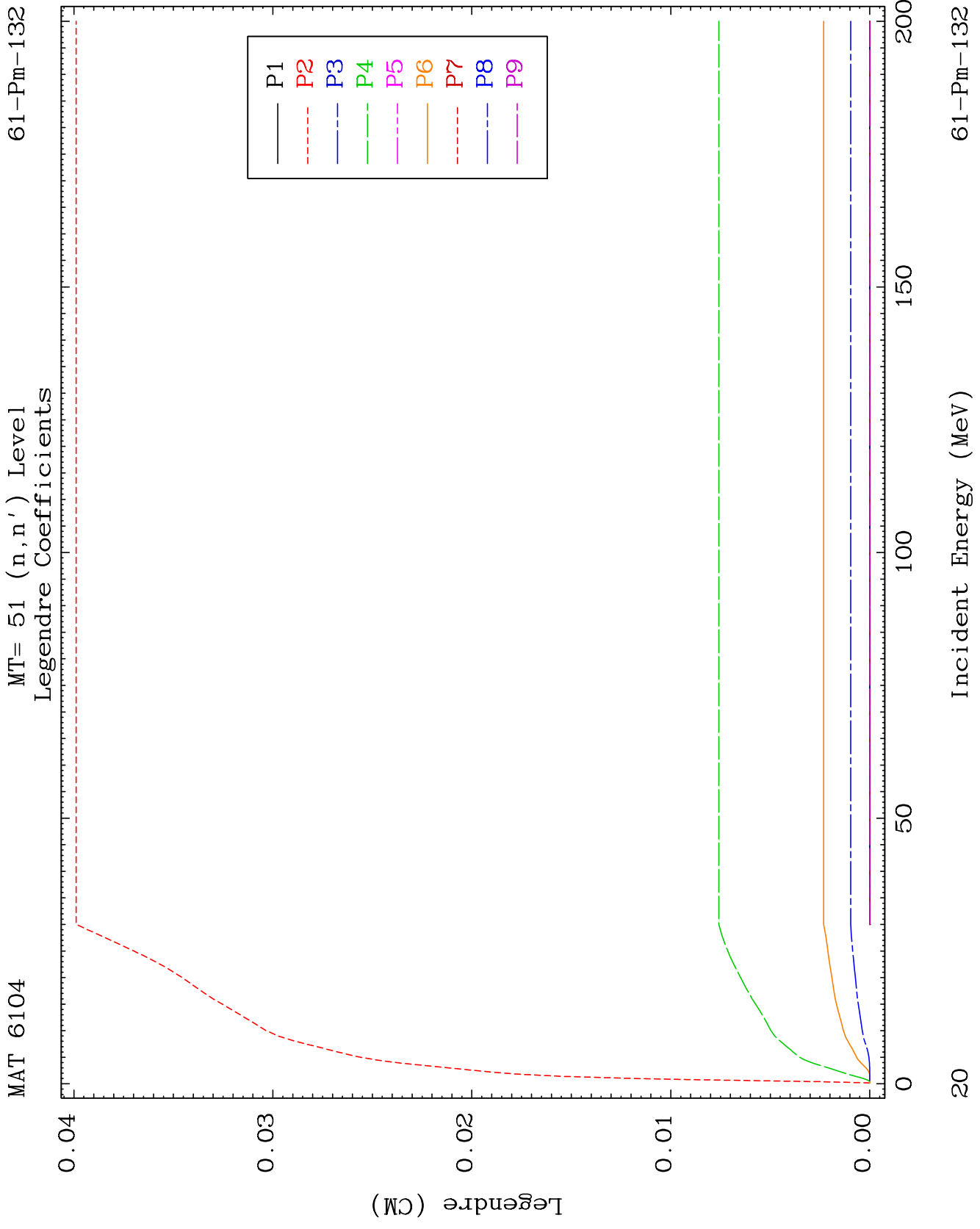
20

25

30

Incident Energy (MeV)

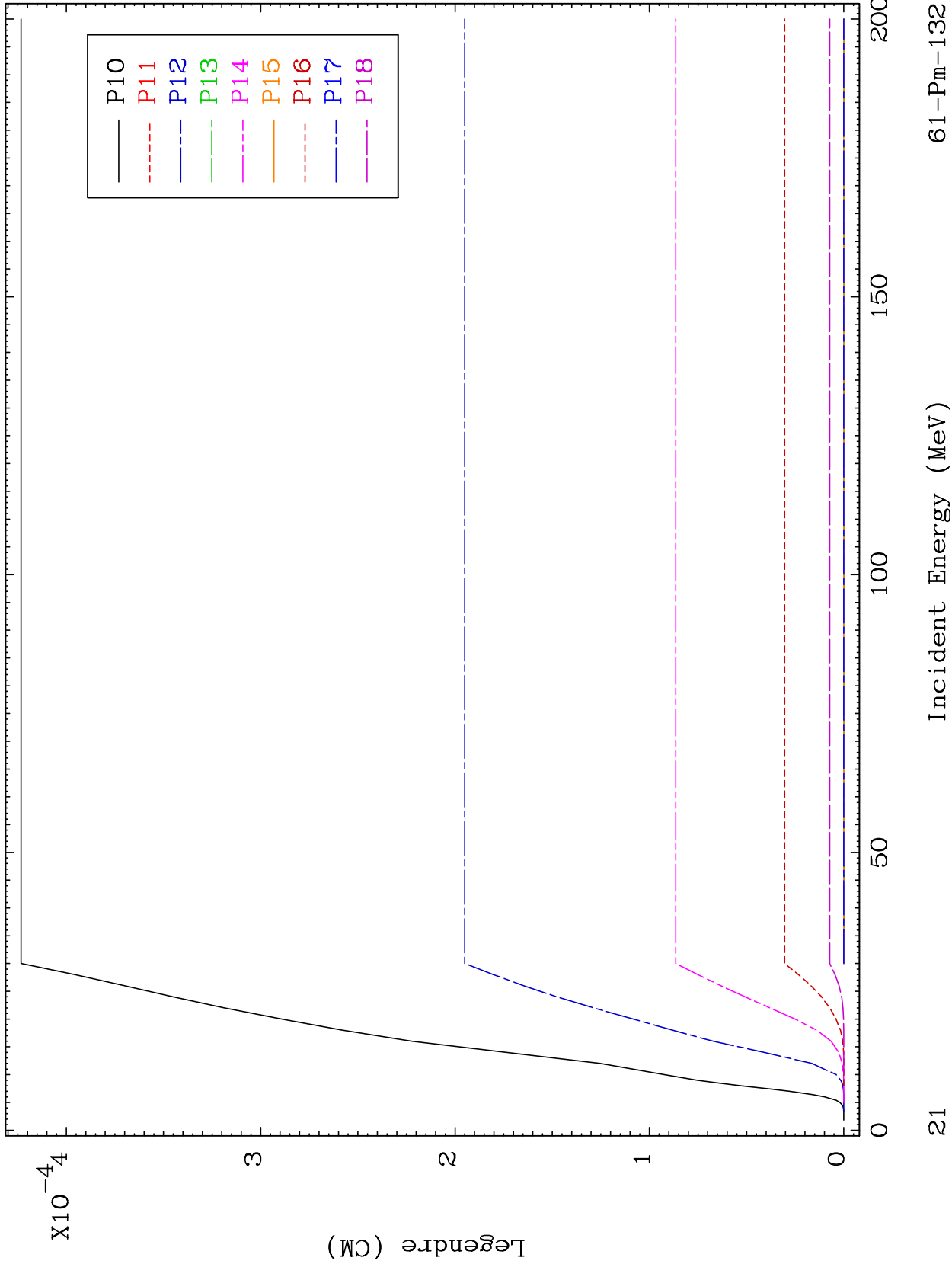
61-Pm-132



MAT 6104

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

61-Pm-132



21

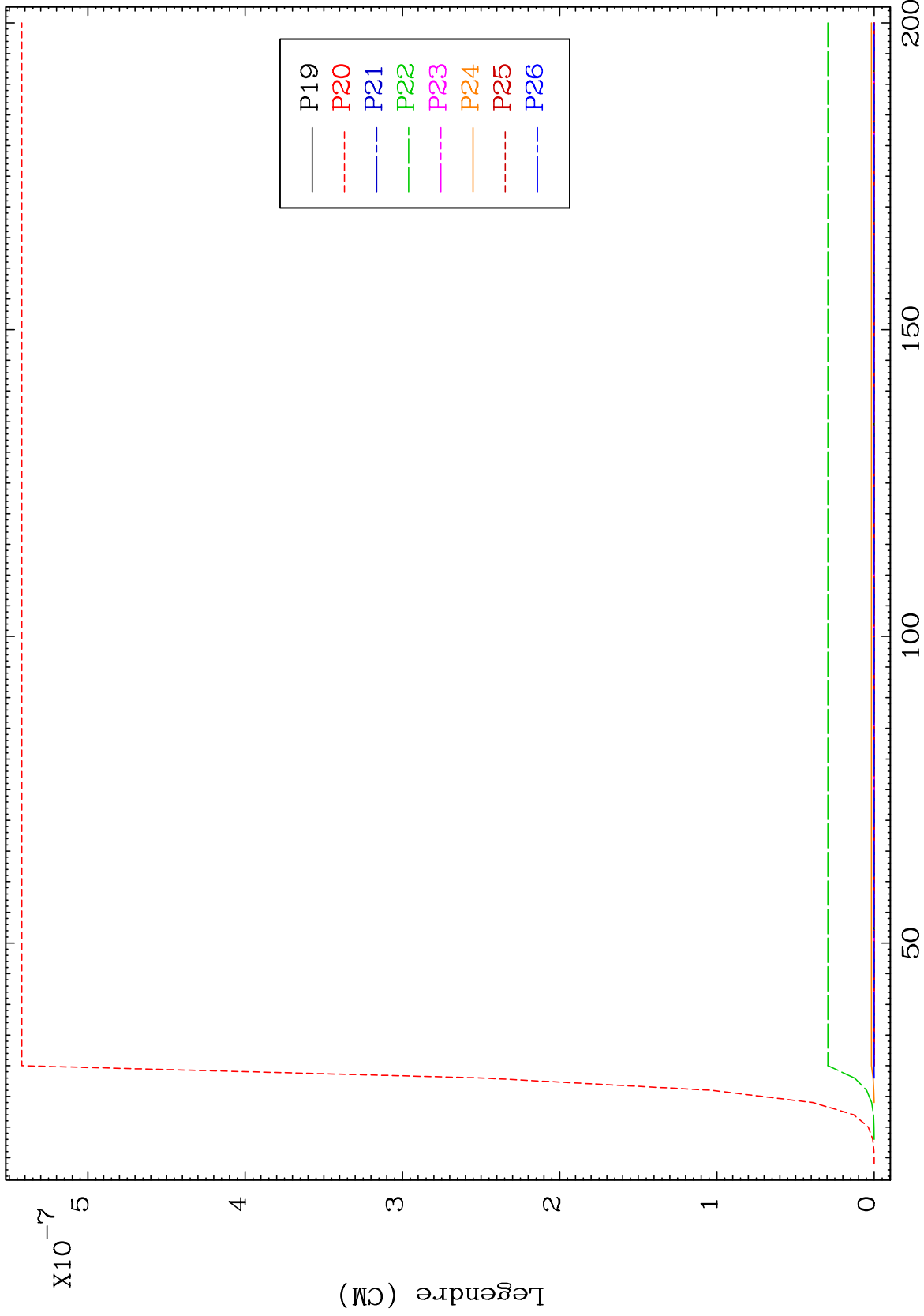
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



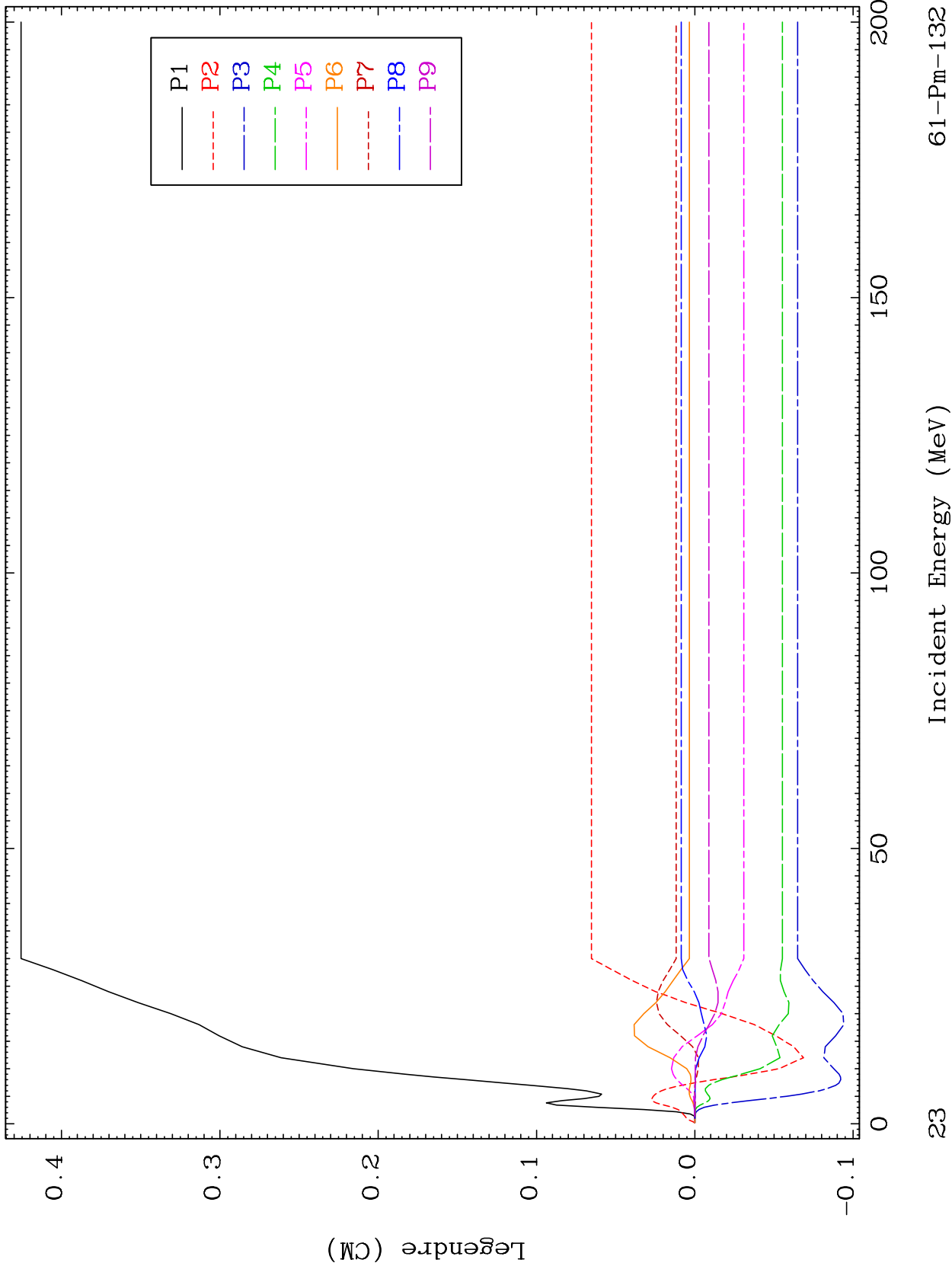
22

61-Pm-132

MAT 6104

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

61-Pm-132



23

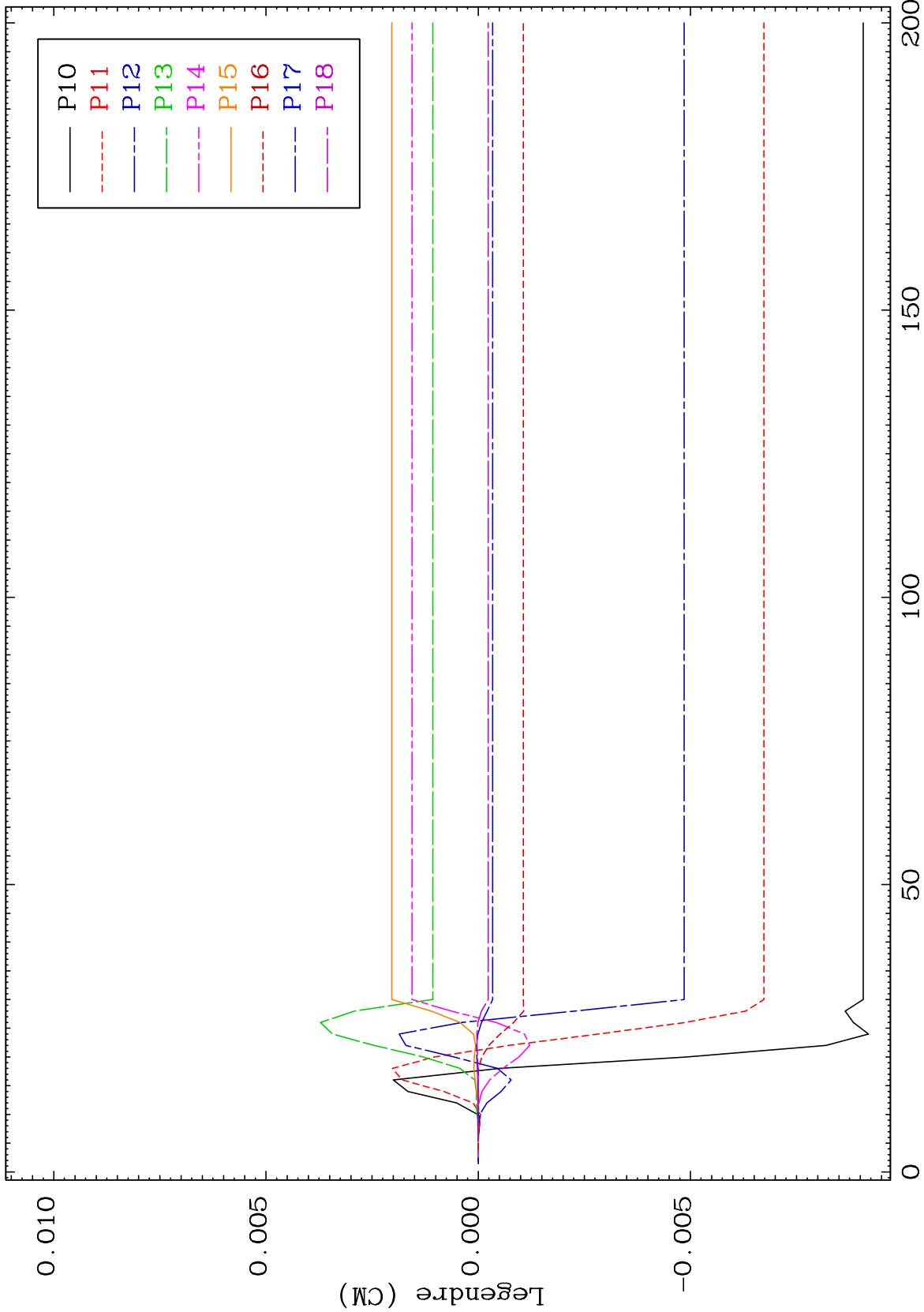
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132

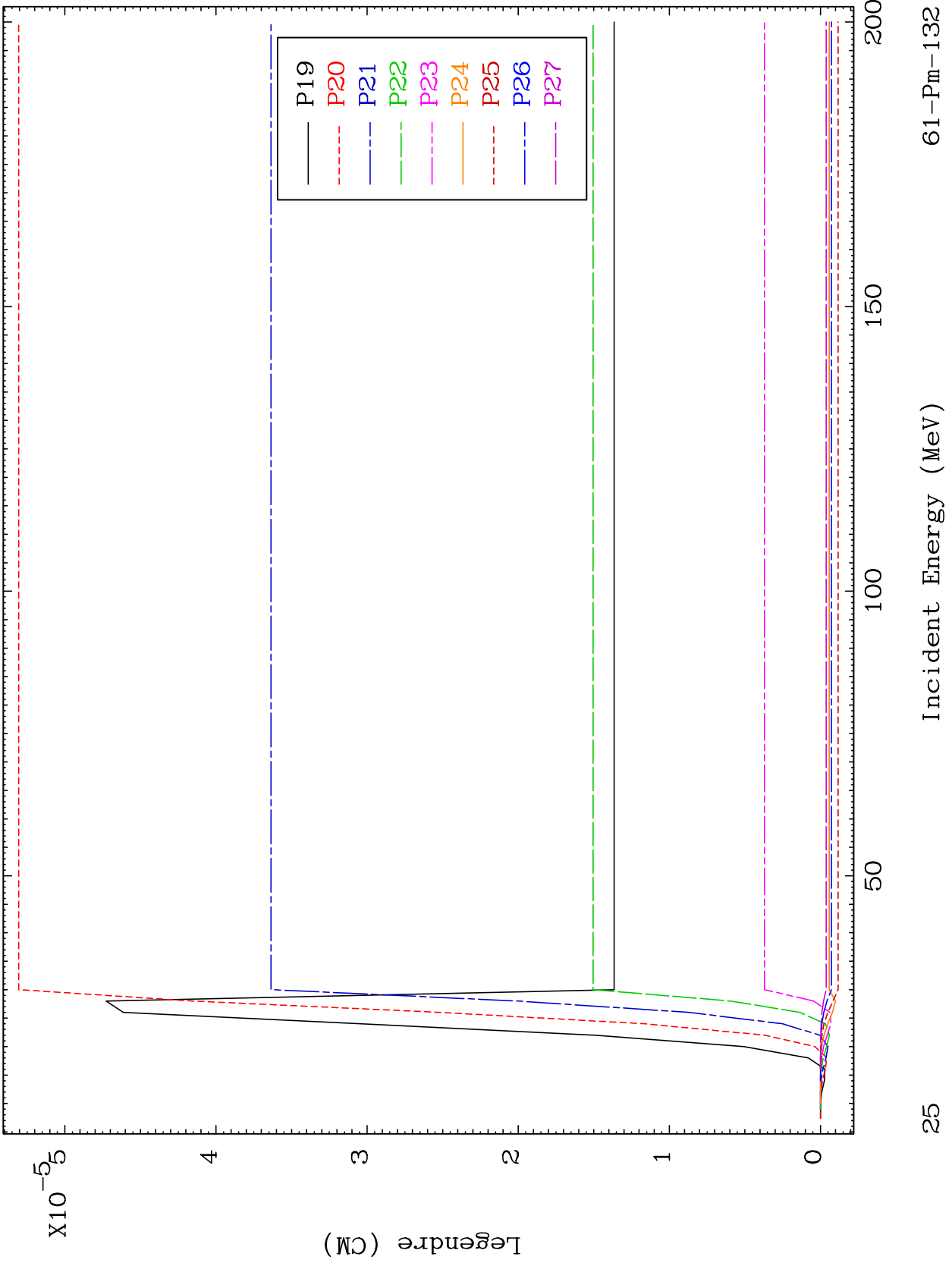


24

Incident Energy (MeV)

61-Pm-132

MAT 6104 MT= 52 (n,n') Level Legendre Coefficients 61-Pm-132



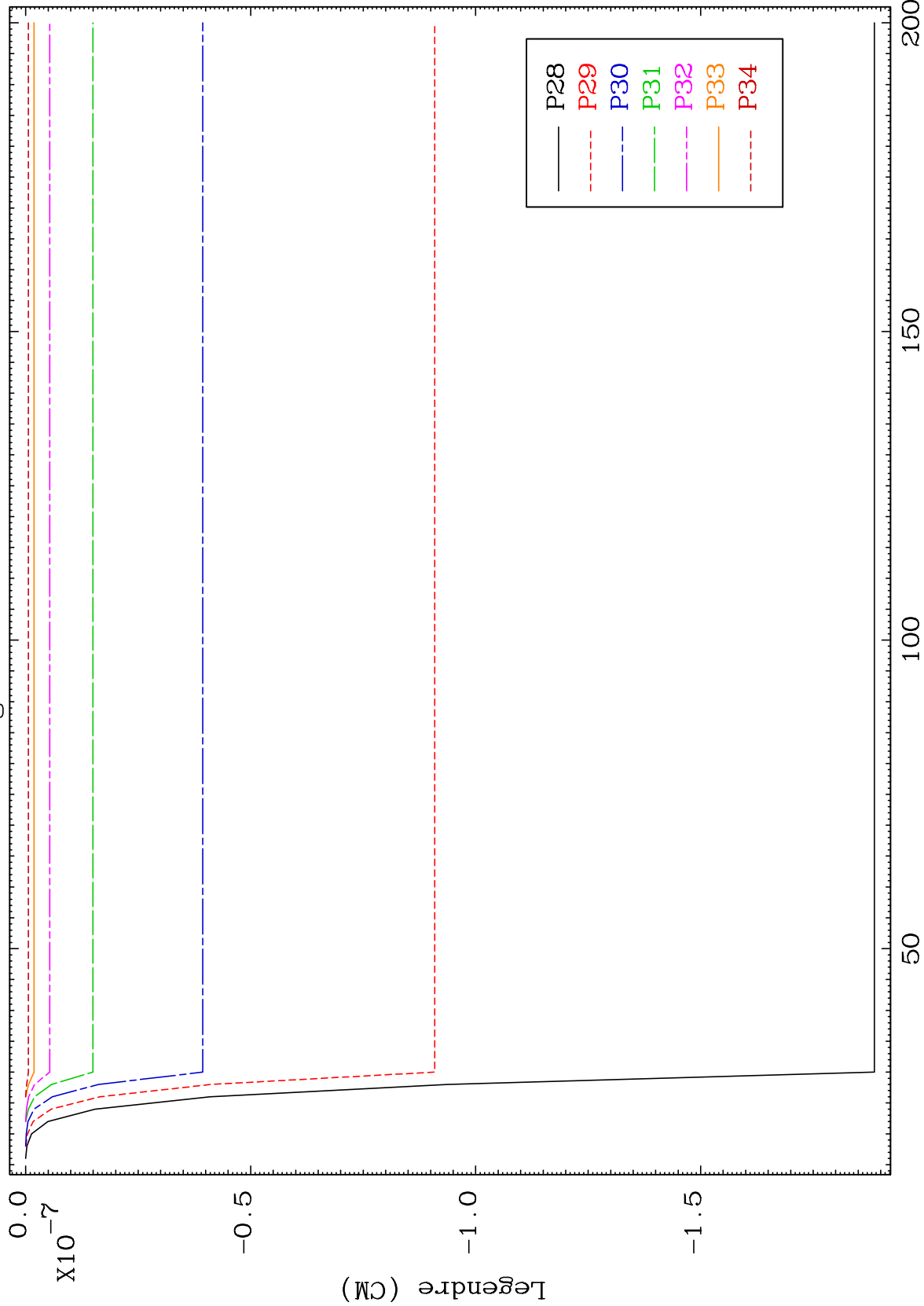
25 Incident Energy (MeV) 61-Pm-132

MAT 6104

MT= 52 (n,n') Level

61-Pm-132

Legendre Coefficients



26

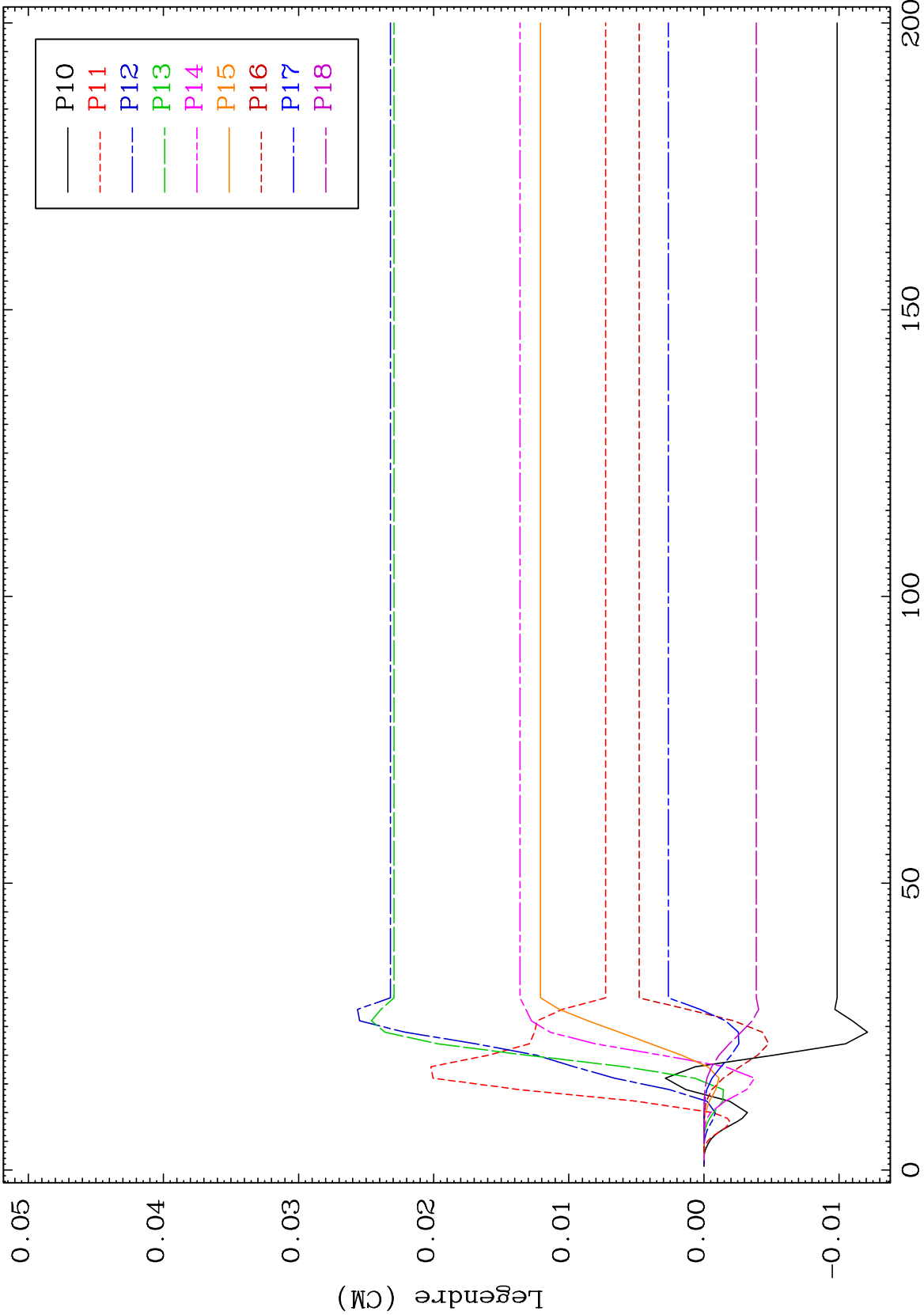
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



28

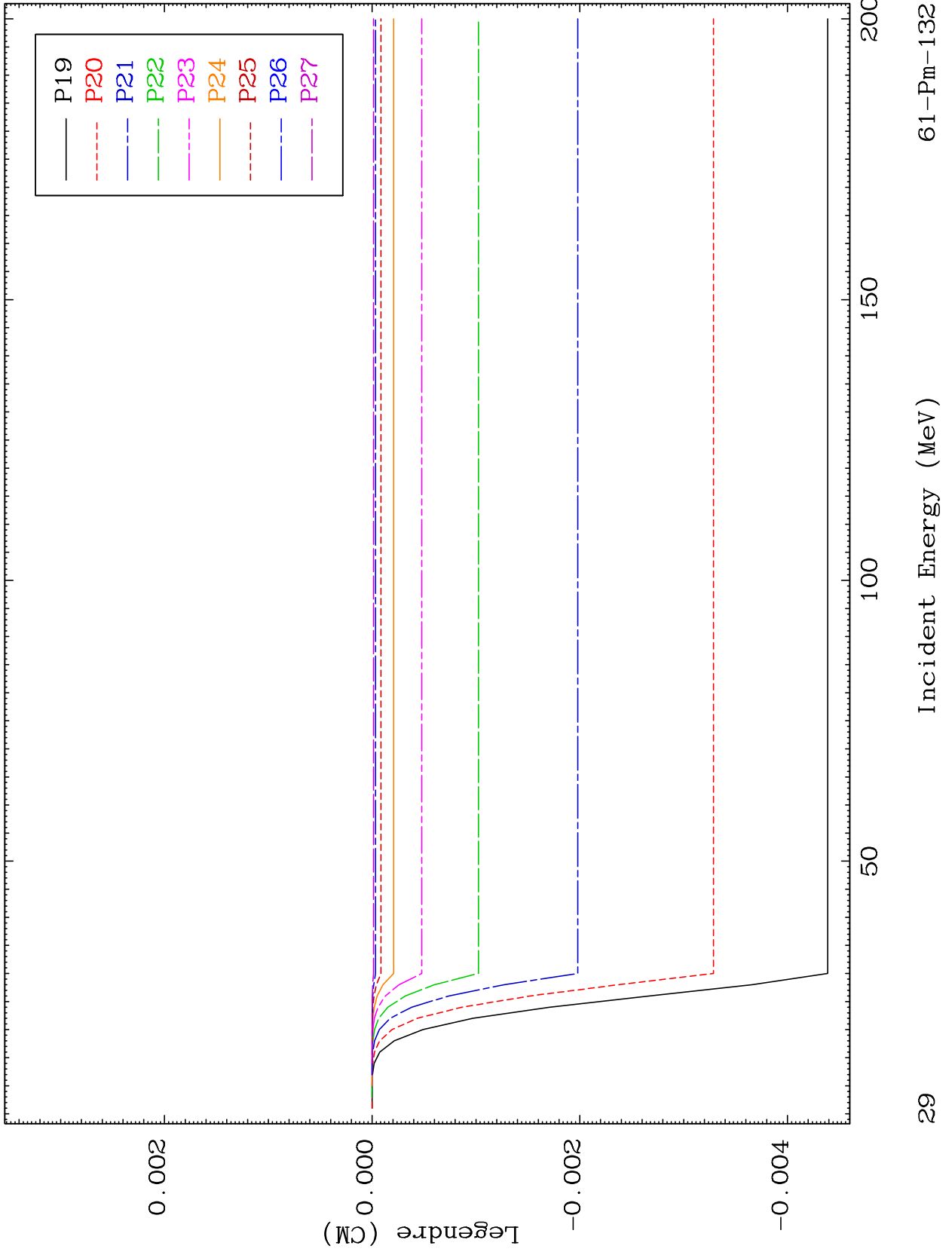
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



29

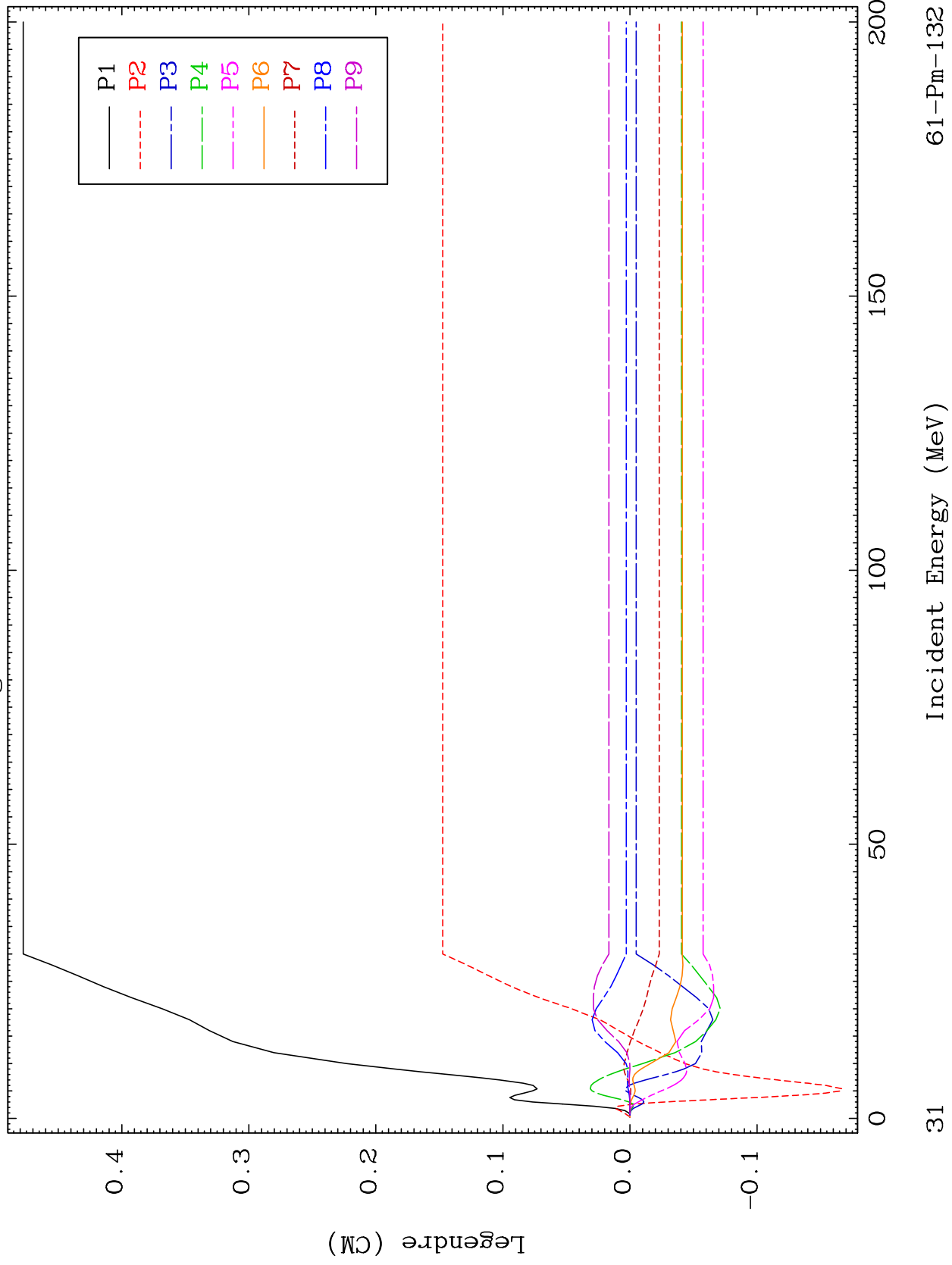
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



61-Pm-132

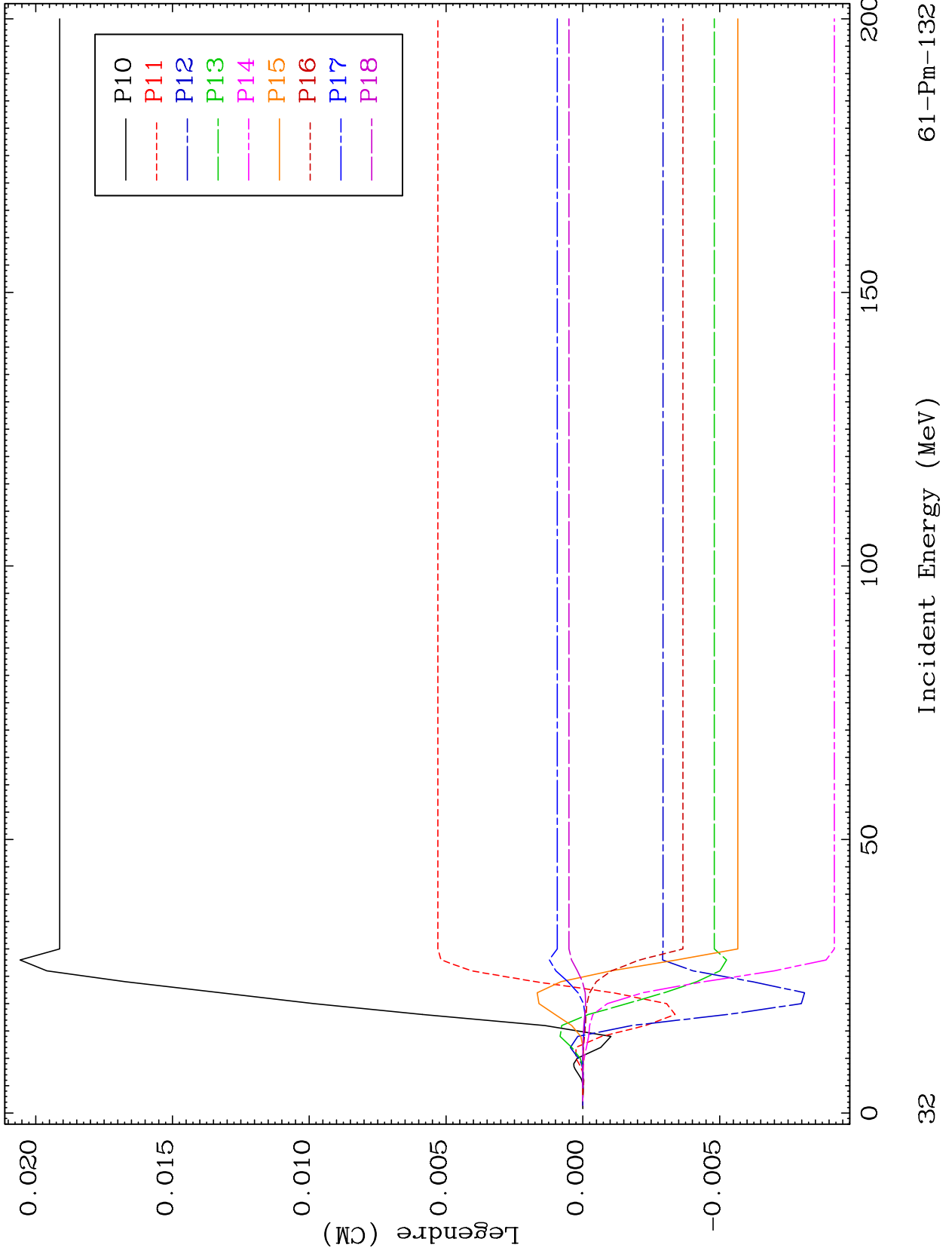
Incident Energy (MeV)

31

MAT 6104

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

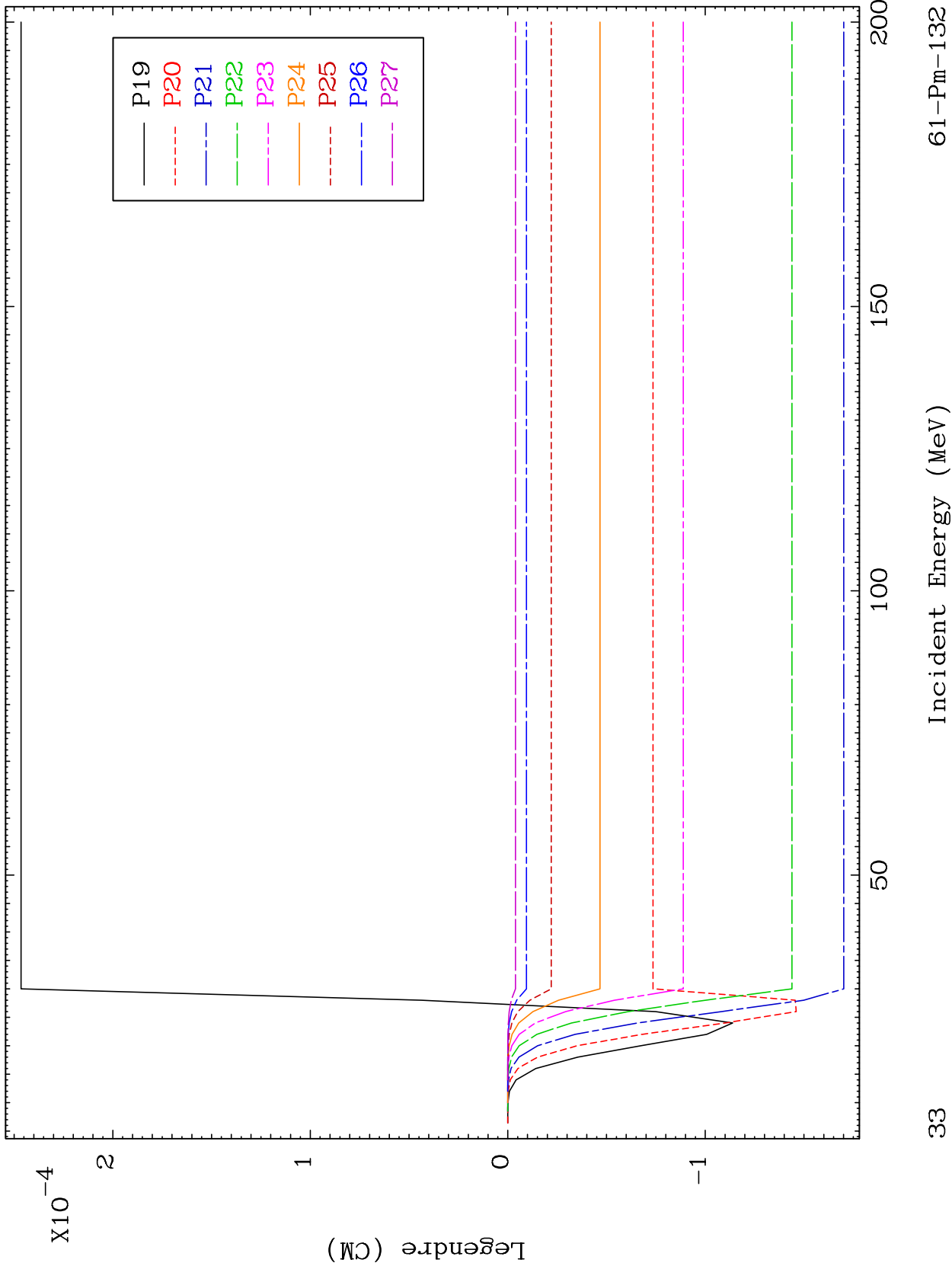
61-Pm-132



32

Incident Energy (MeV)

61-Pm-132

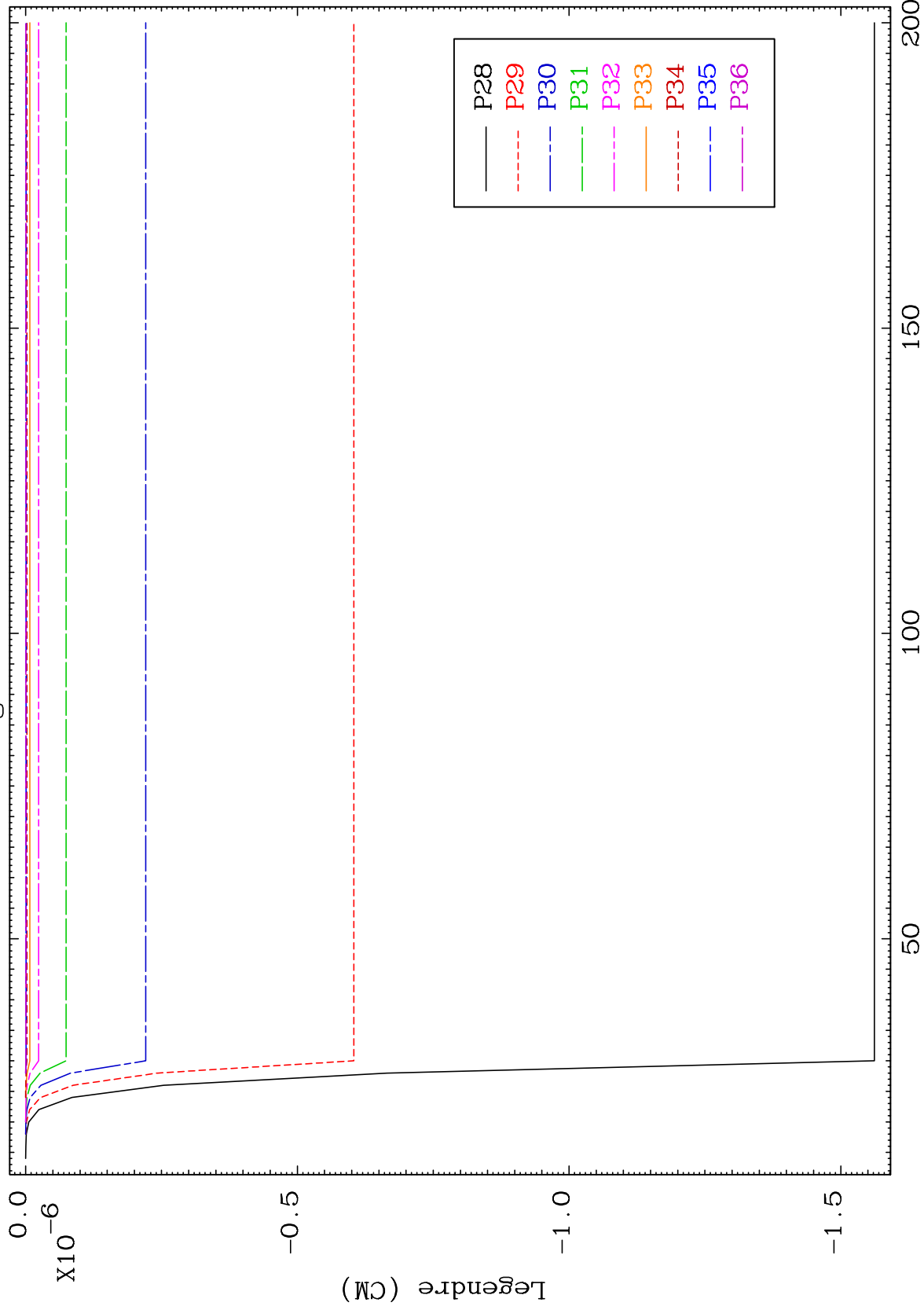


MAT 6104

MT= 54 (n,n') Level

61-Pm-132

Legendre Coefficients



61-Pm-132

Incident Energy (MeV)

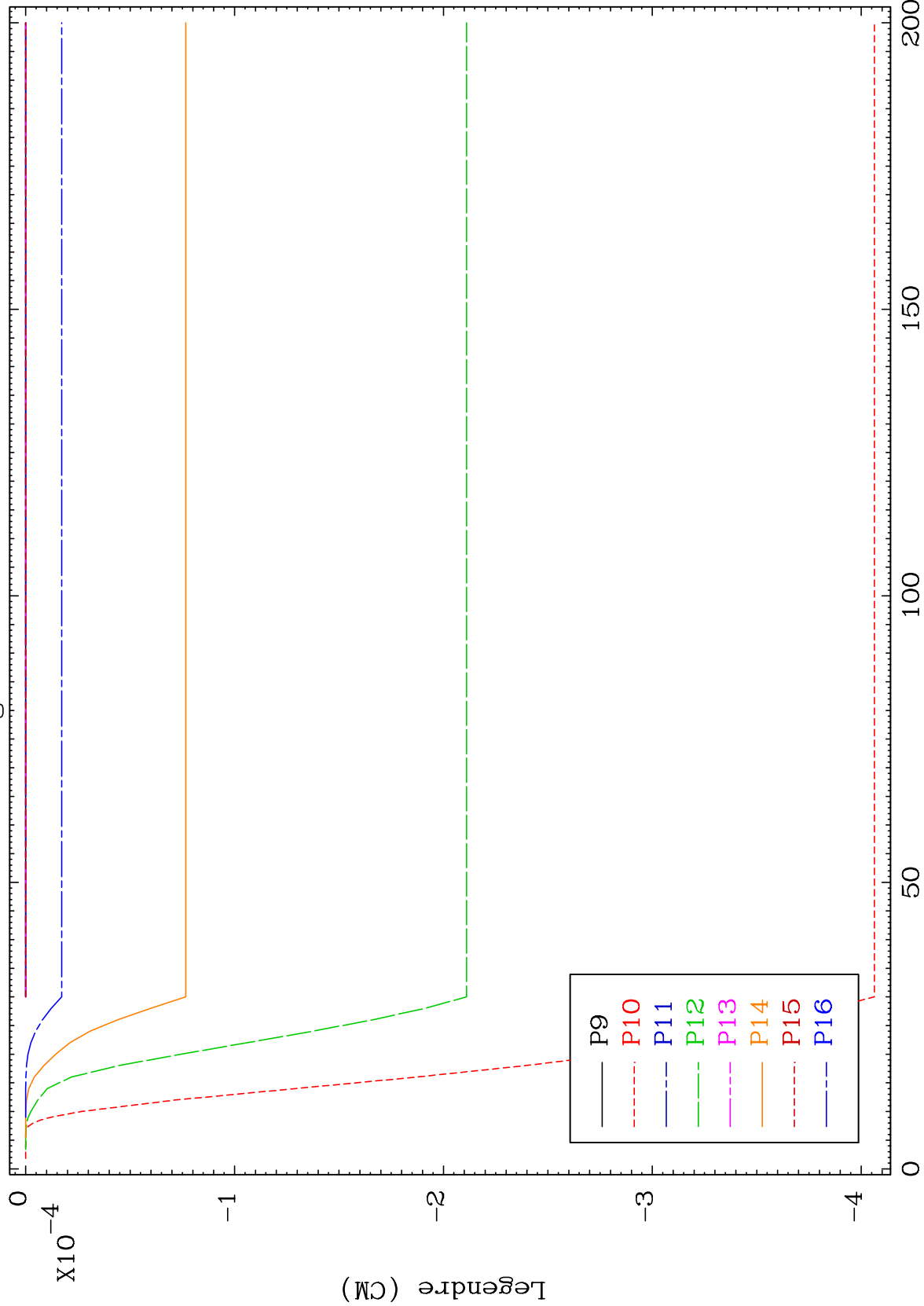
34

MAT 6104

MT= 55 (n,n') Level

61-Pm-132

Legendre Coefficients



36

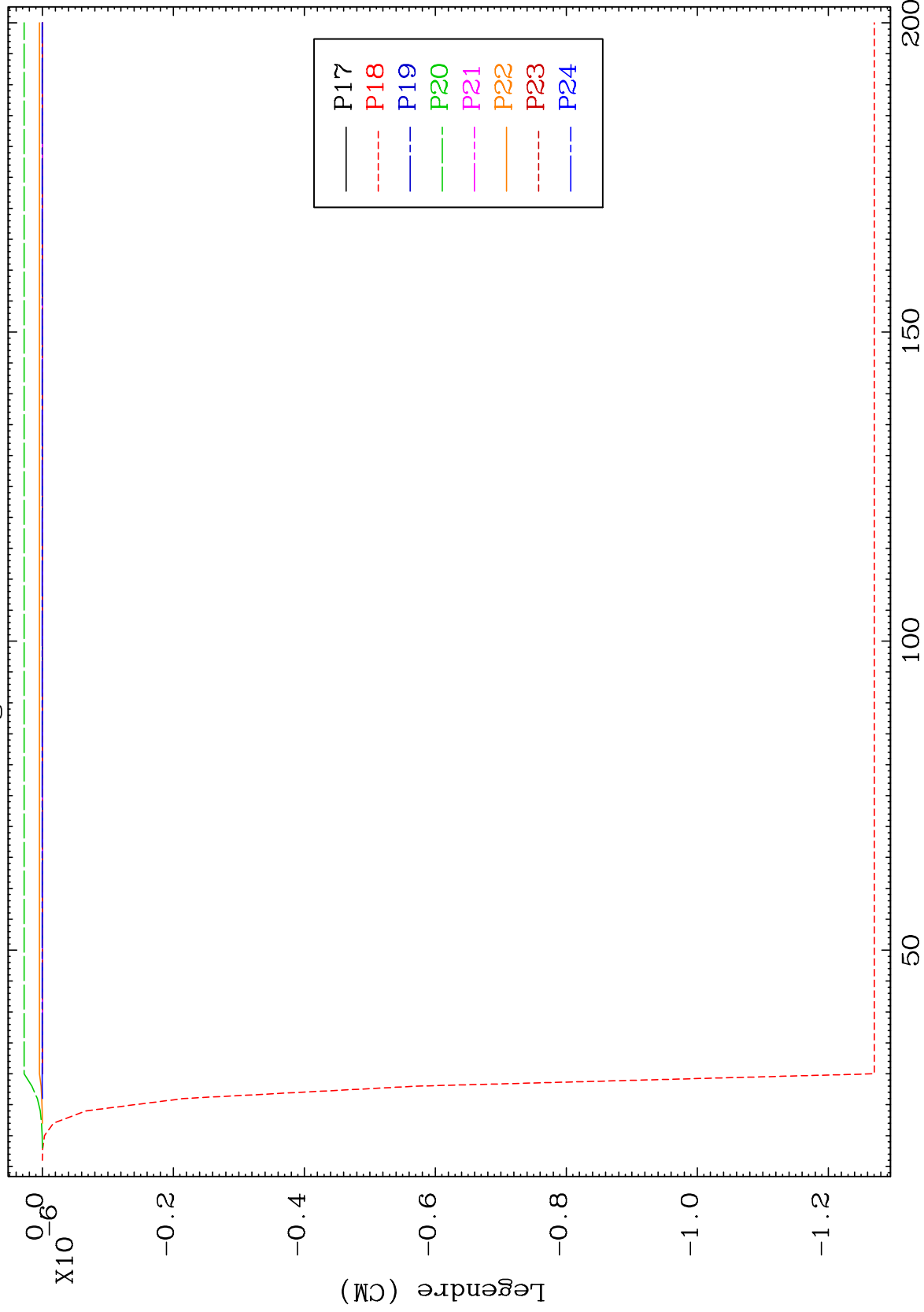
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



37

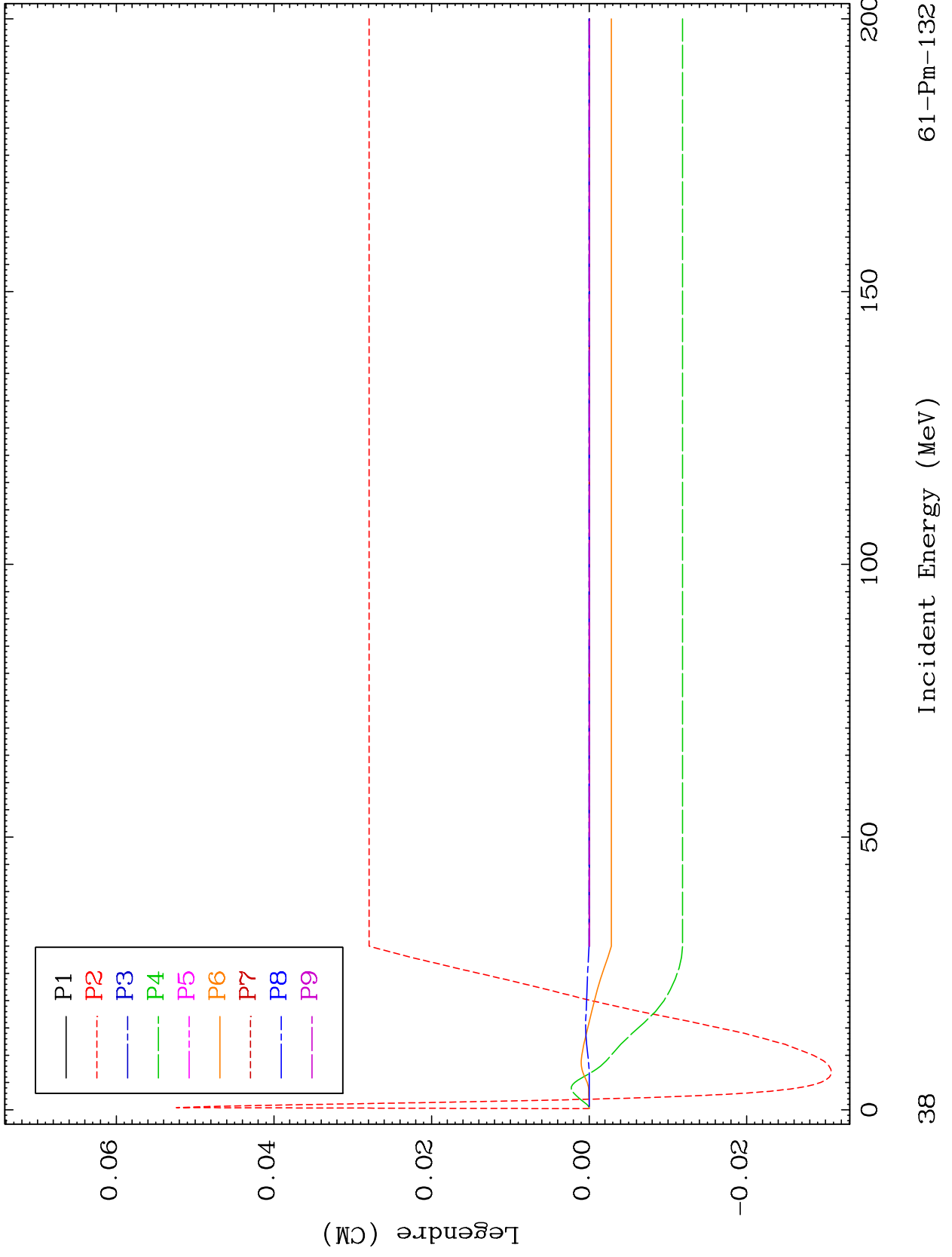
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

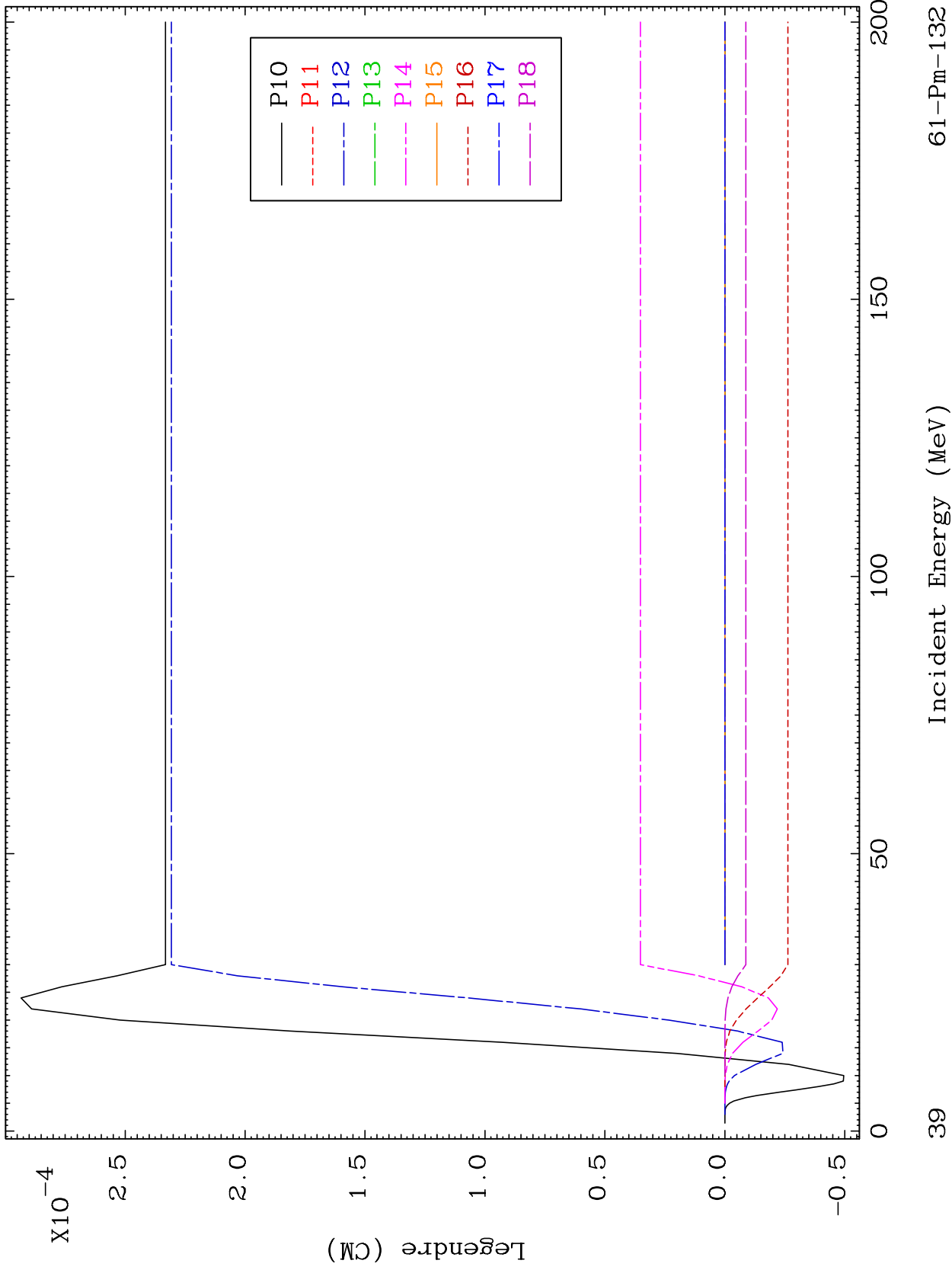
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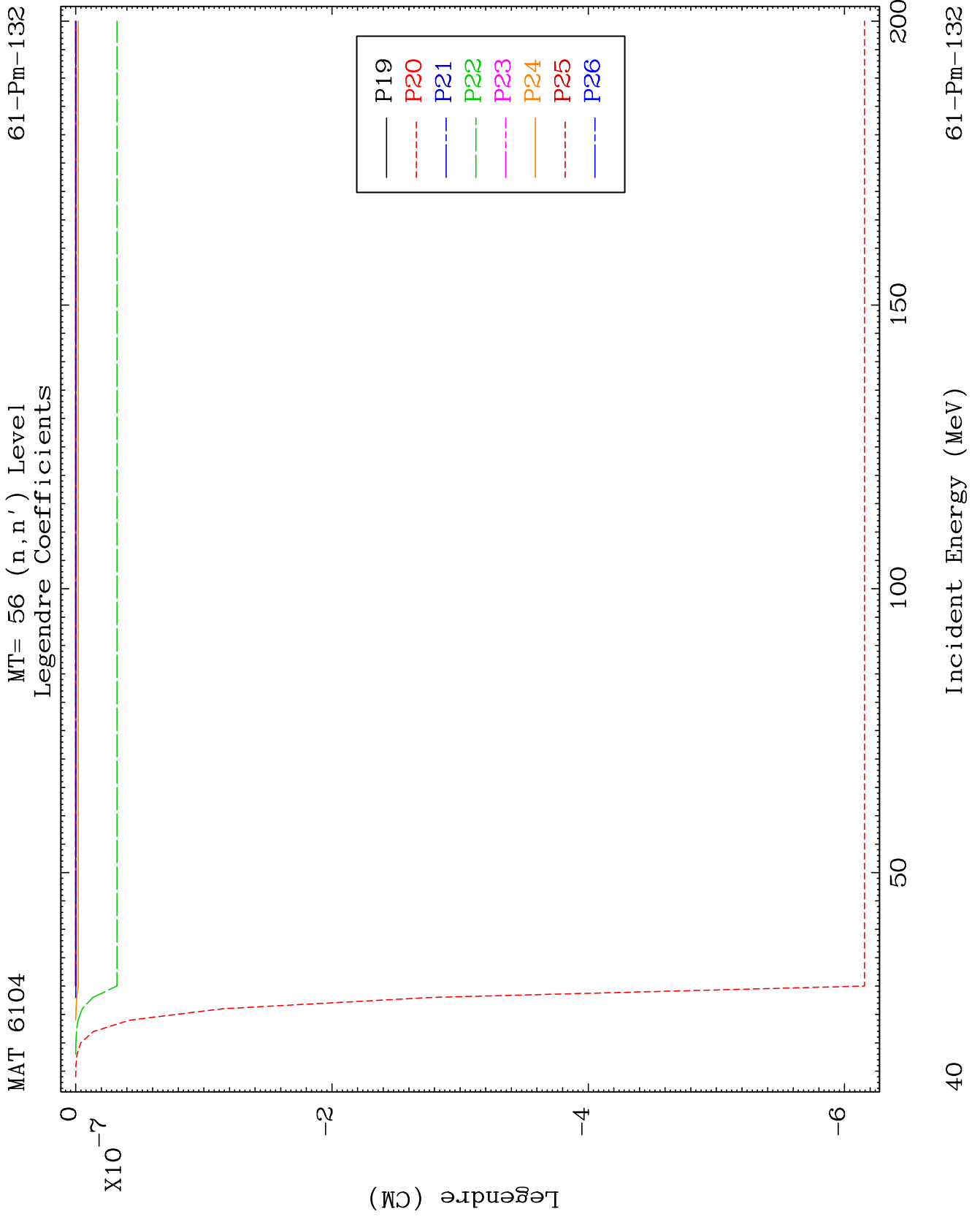


38

Incident Energy (MeV)

61-Pm-132

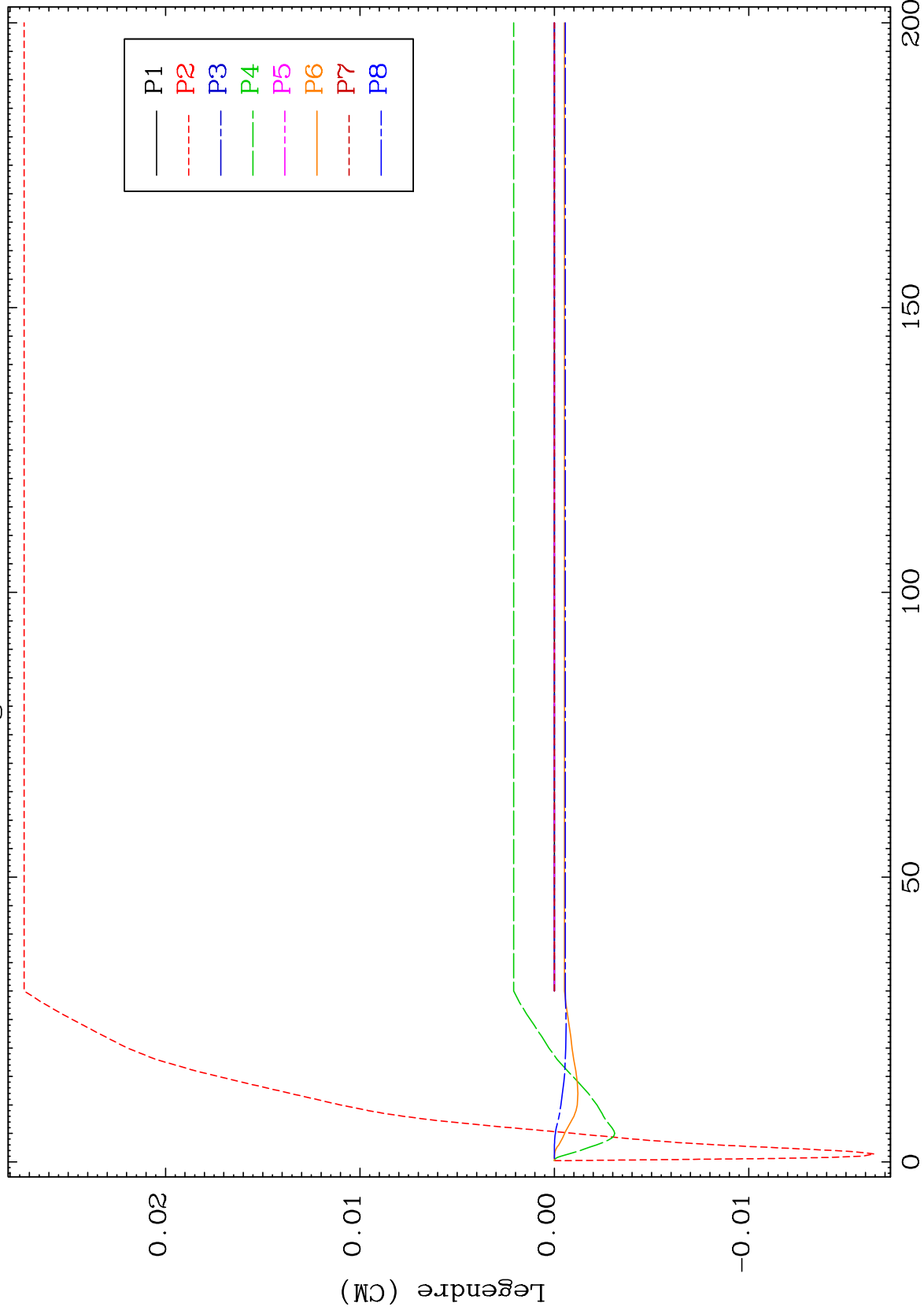




MAT 6104

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

61-Pm-132



41

Incident Energy (MeV)

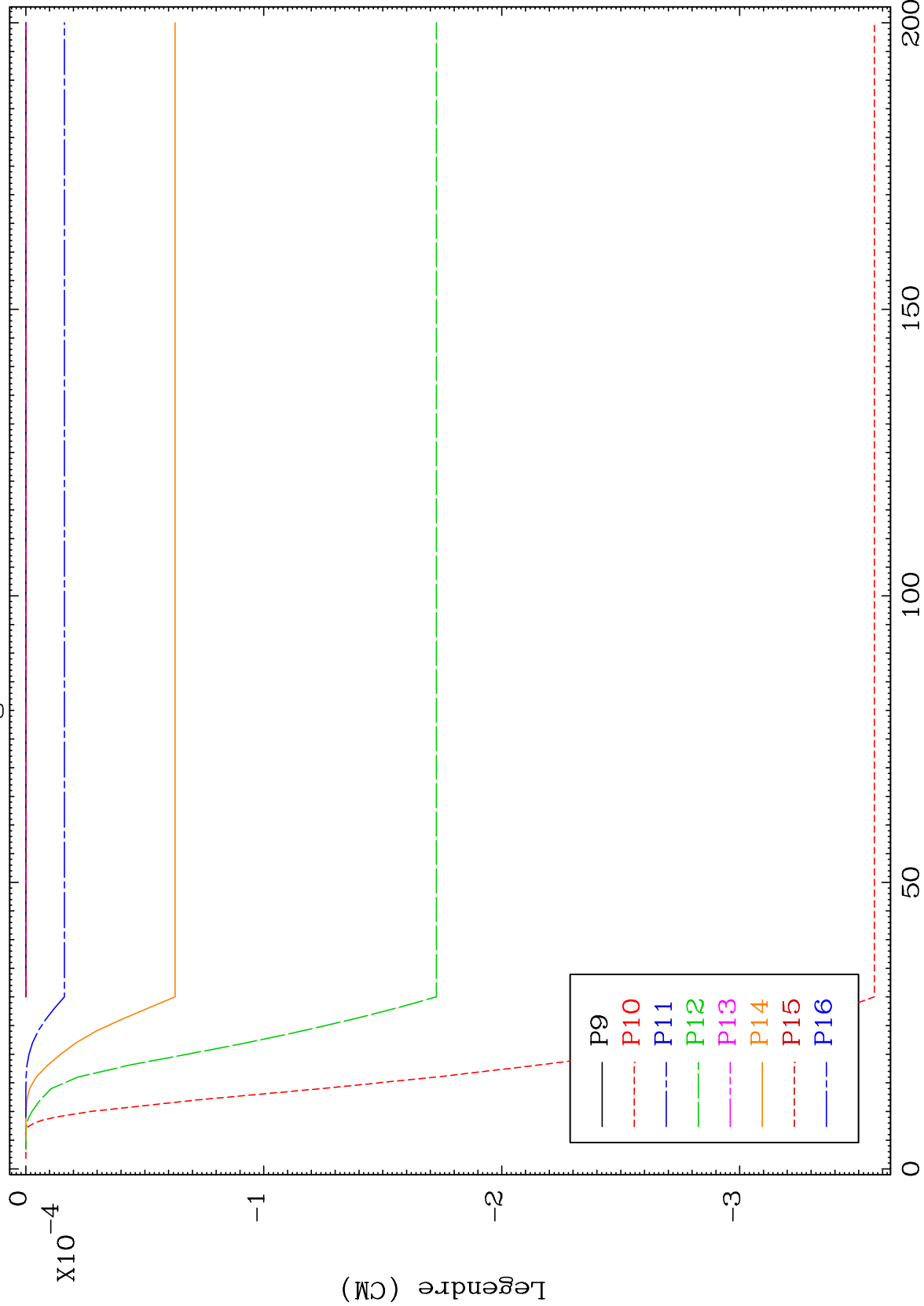
61-Pm-132

MAT 6104

MT= 57 (n,n') Level

61-Pm-132

Legendre Coefficients



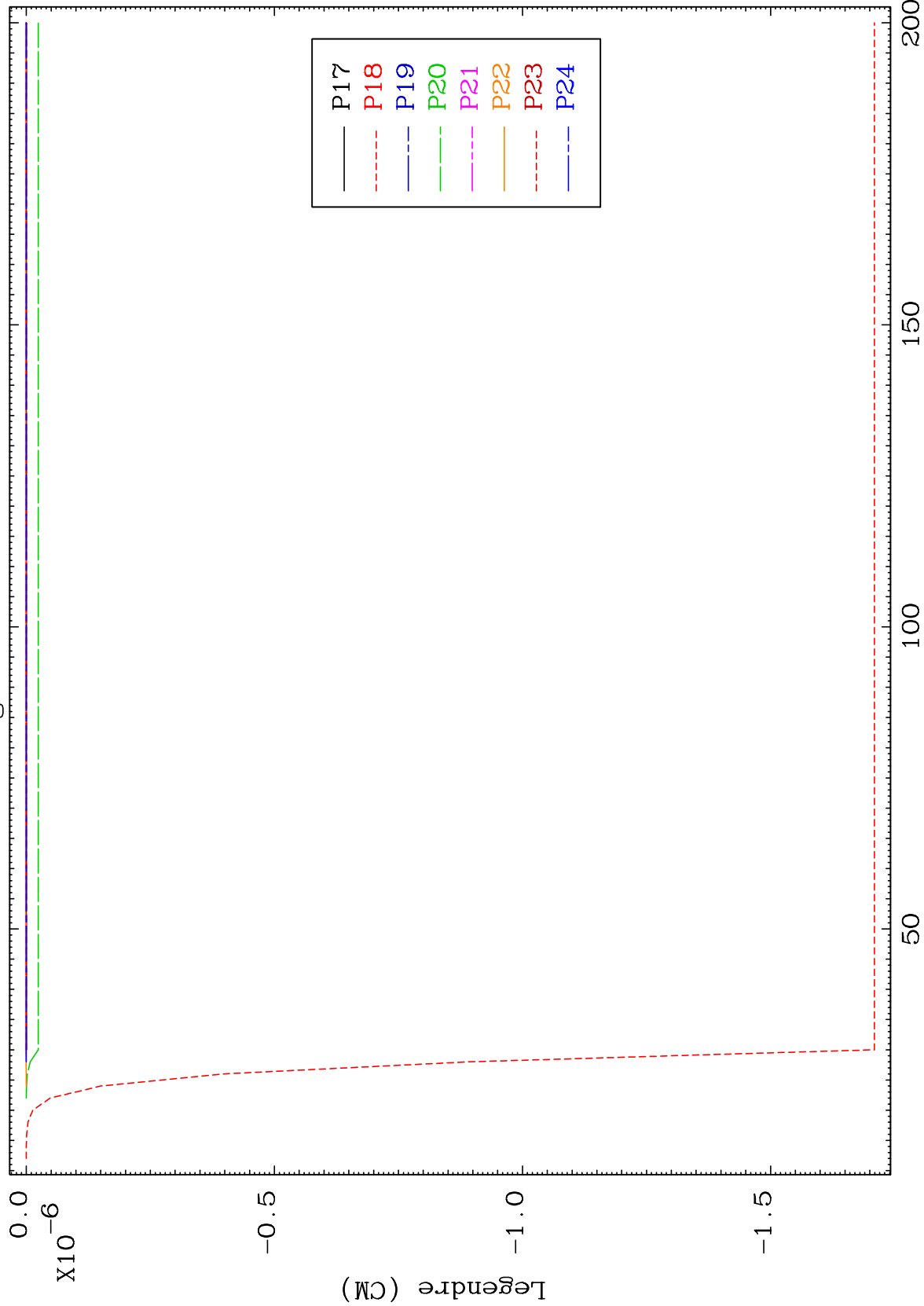
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Incident Energy (MeV)

61-Pm-132

MAT 6104 MT= 57 (n,n') Level 61-Pm-132

Legendre Coefficients

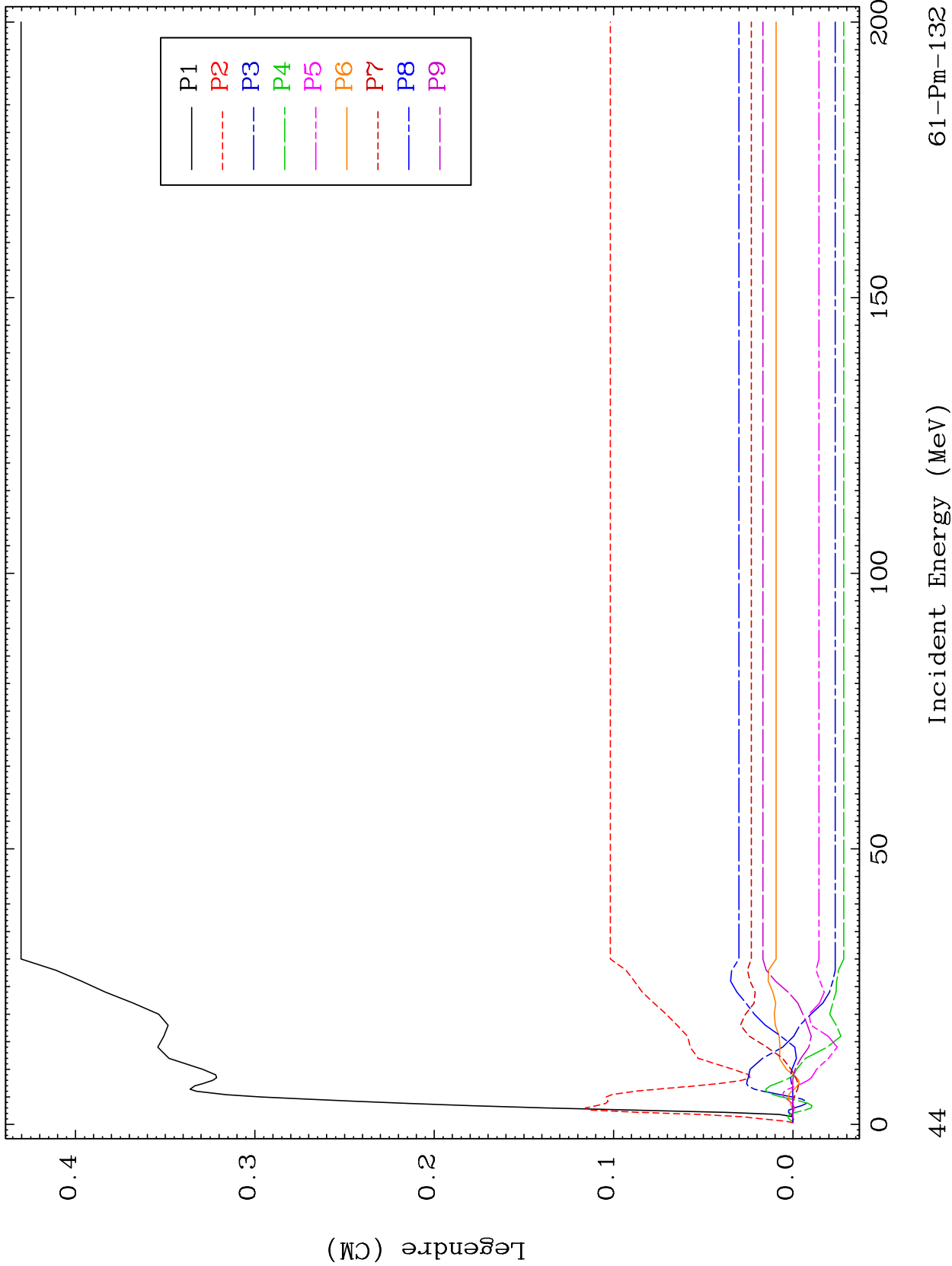


43 61-Pm-132

MAT 6104

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

61-Pm-132

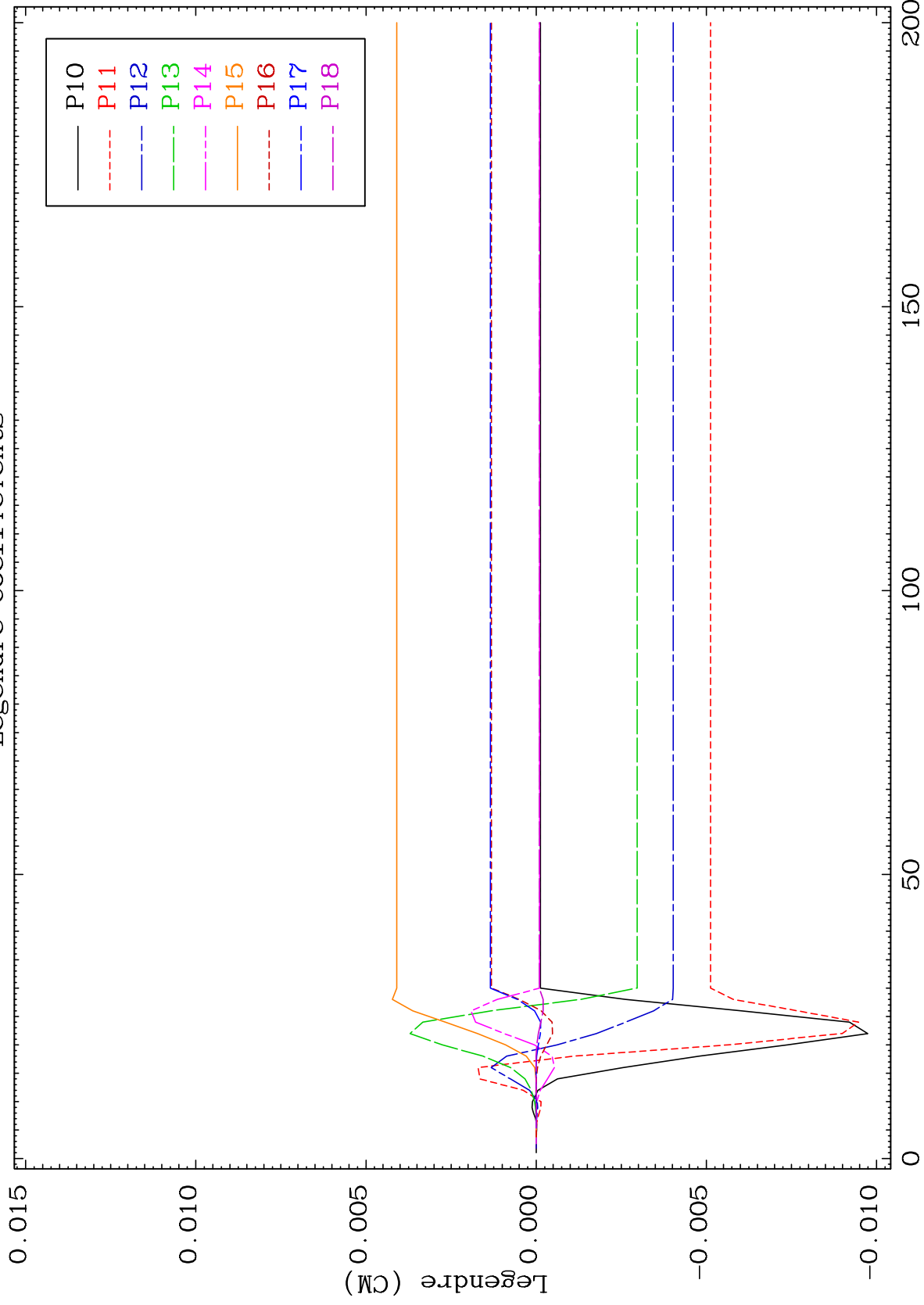


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MAT 6104

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

61-Pm-132



45

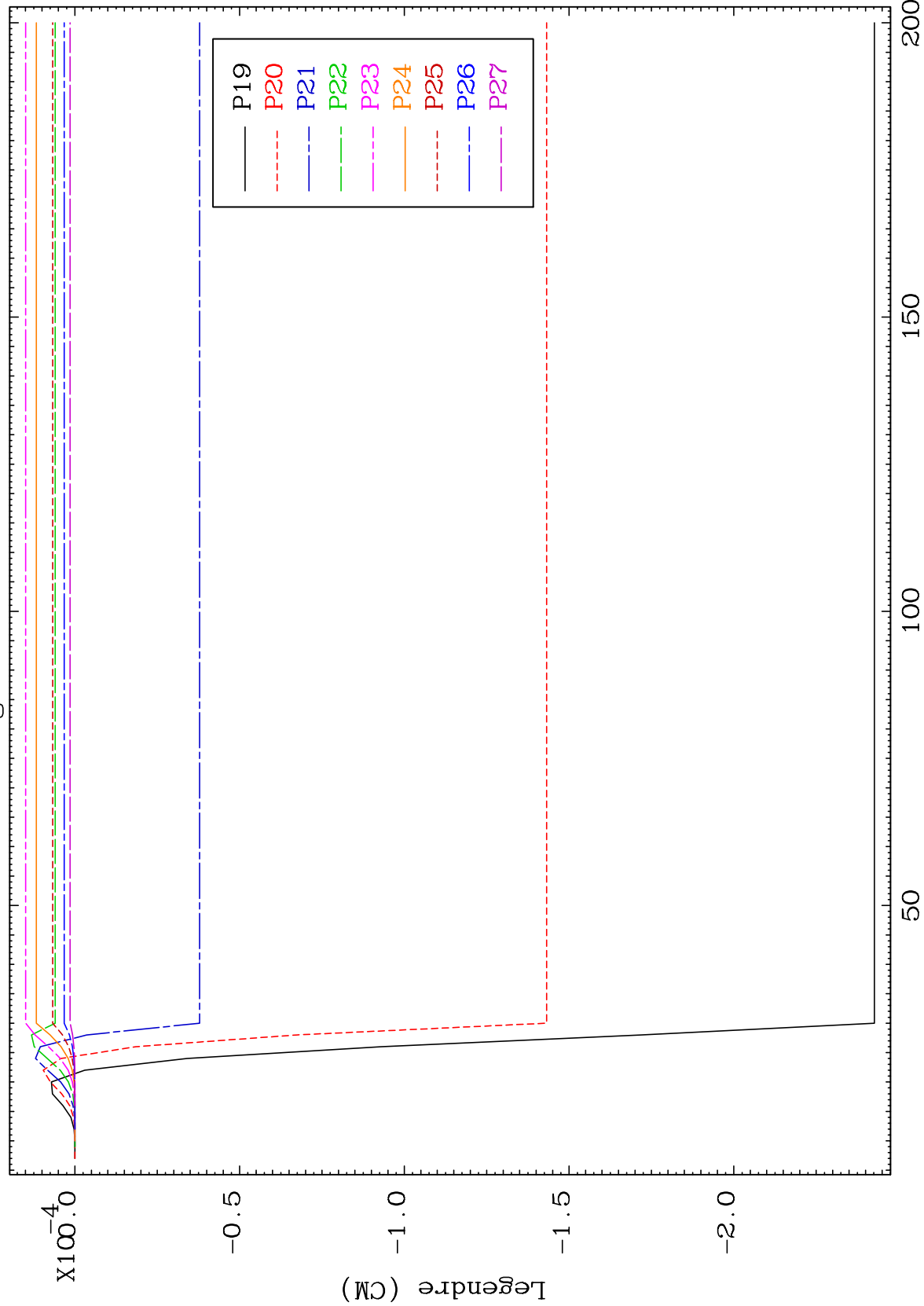
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



46

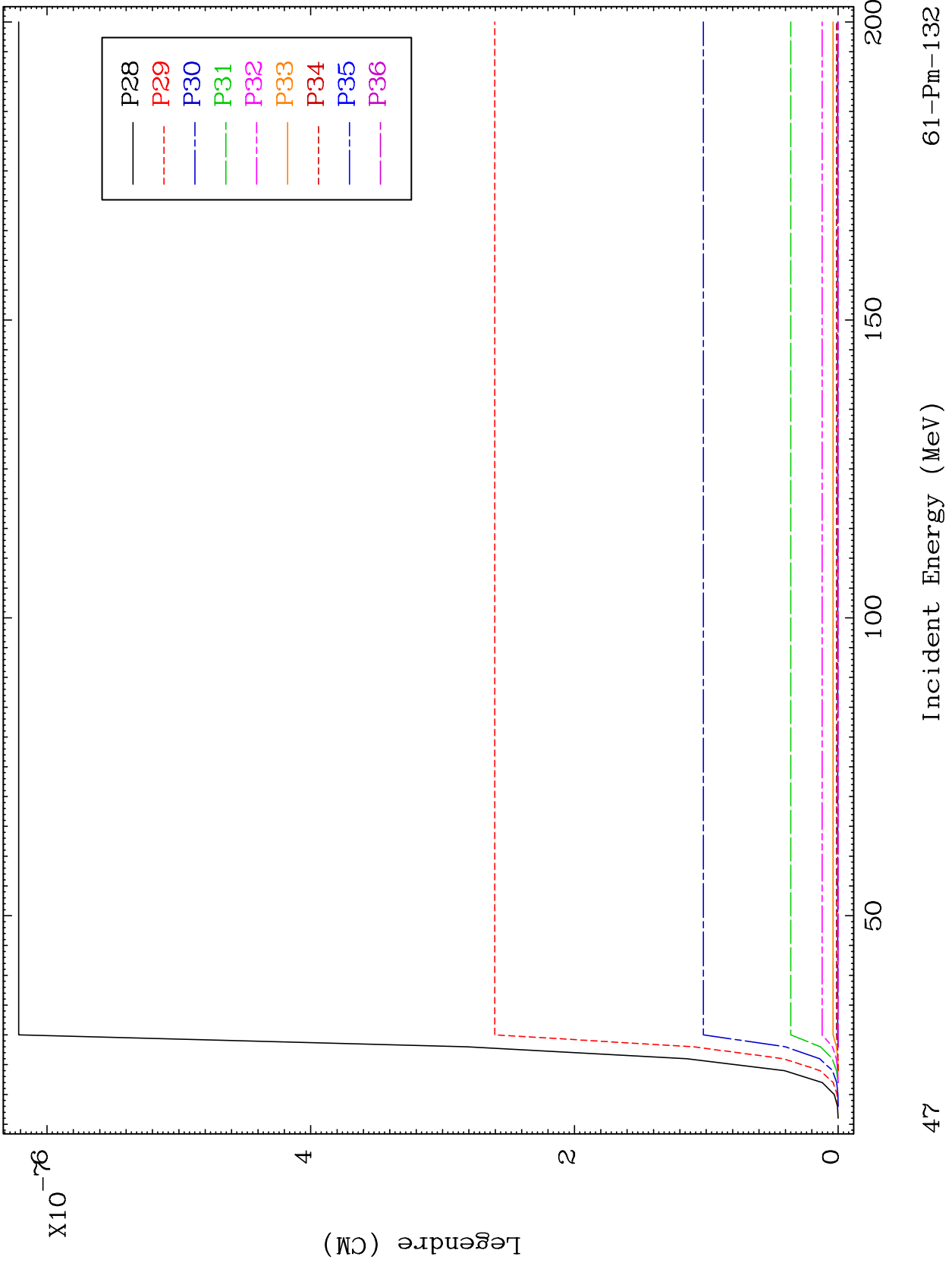
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



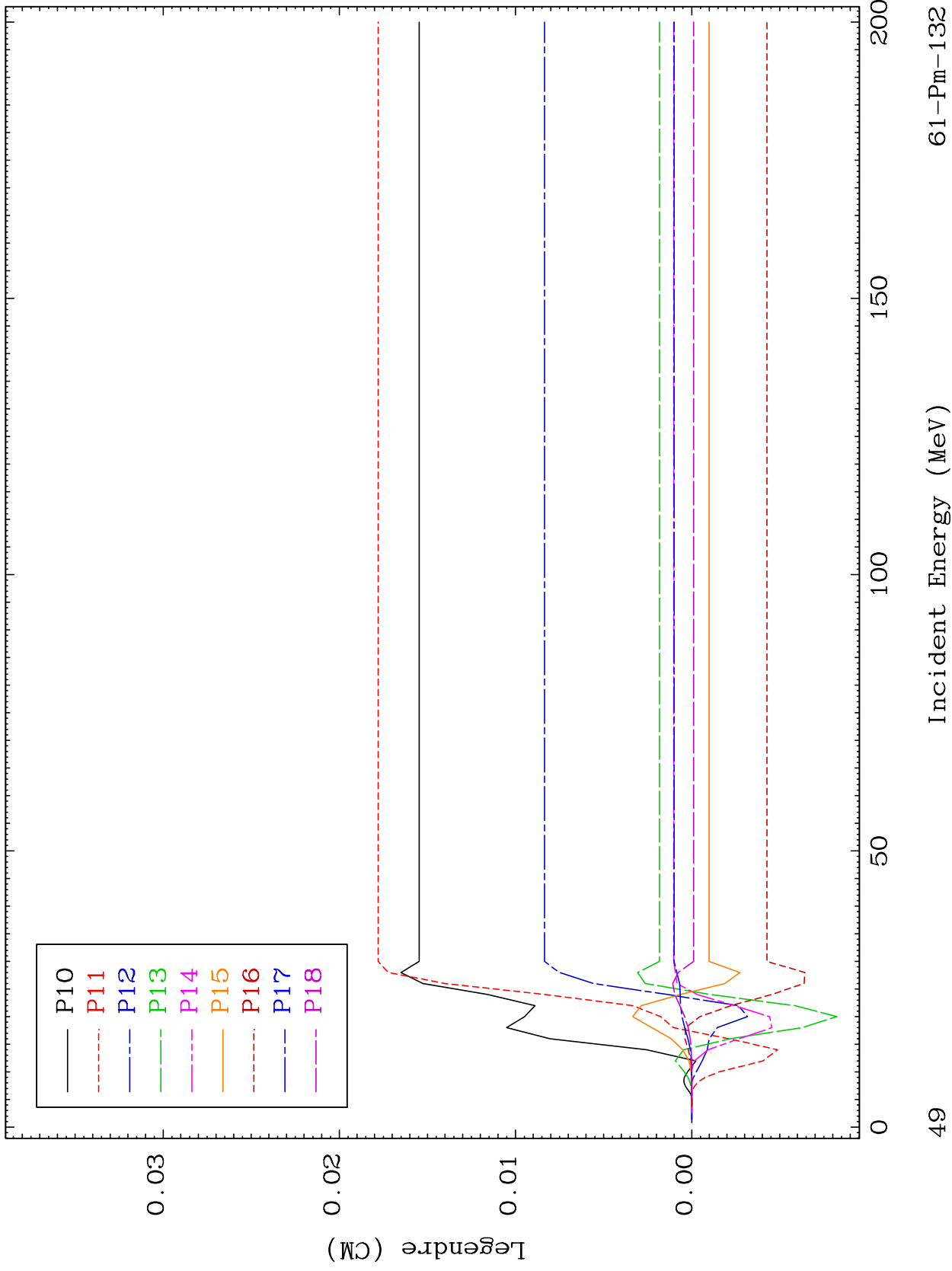
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61-Pm-132

MAT 6104

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

61-Pm-132



61-Pm-132

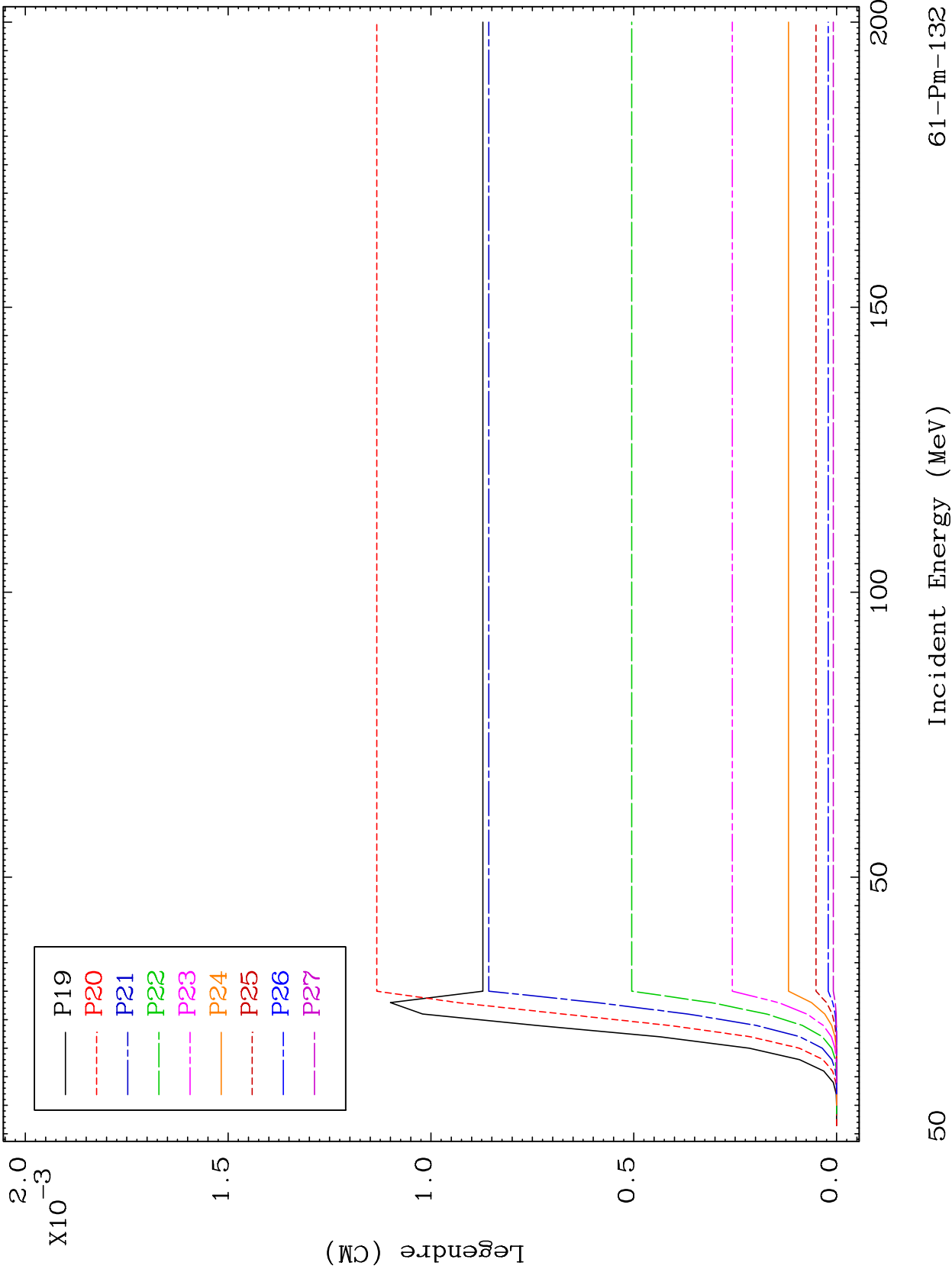
Incident Energy (MeV)

49

MAT 6104

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

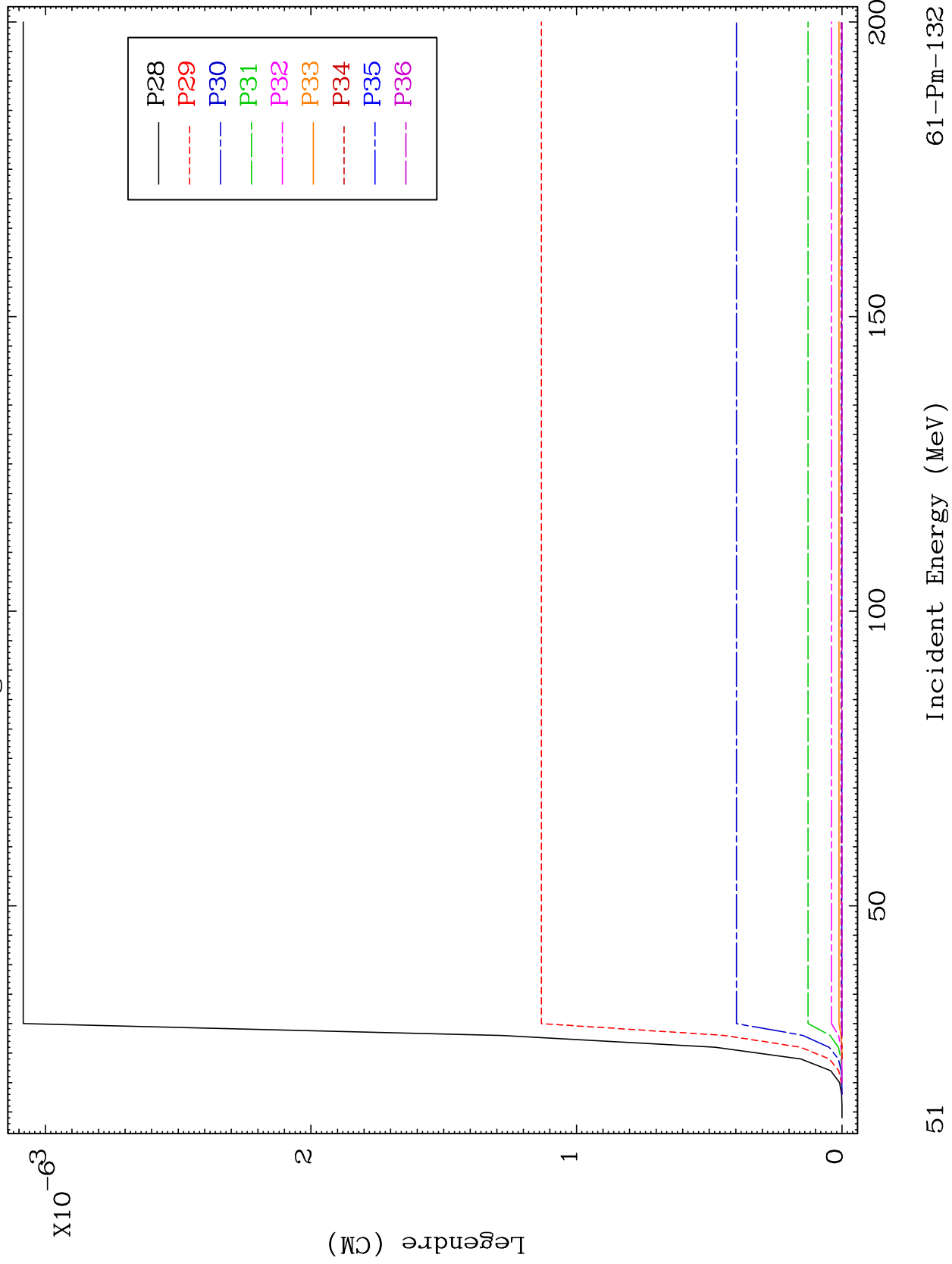
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MAT 6104

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

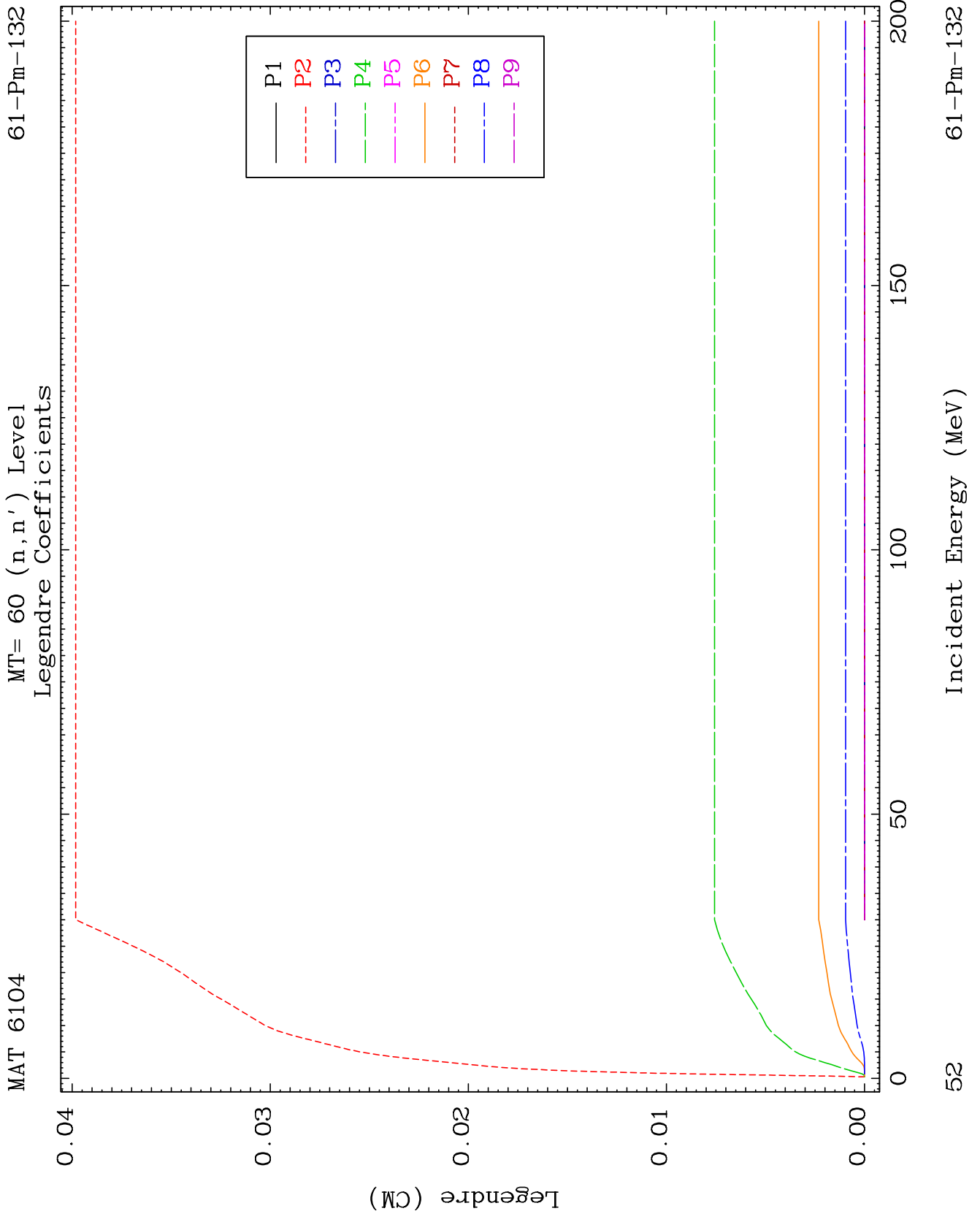
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51

Incident Energy (MeV)

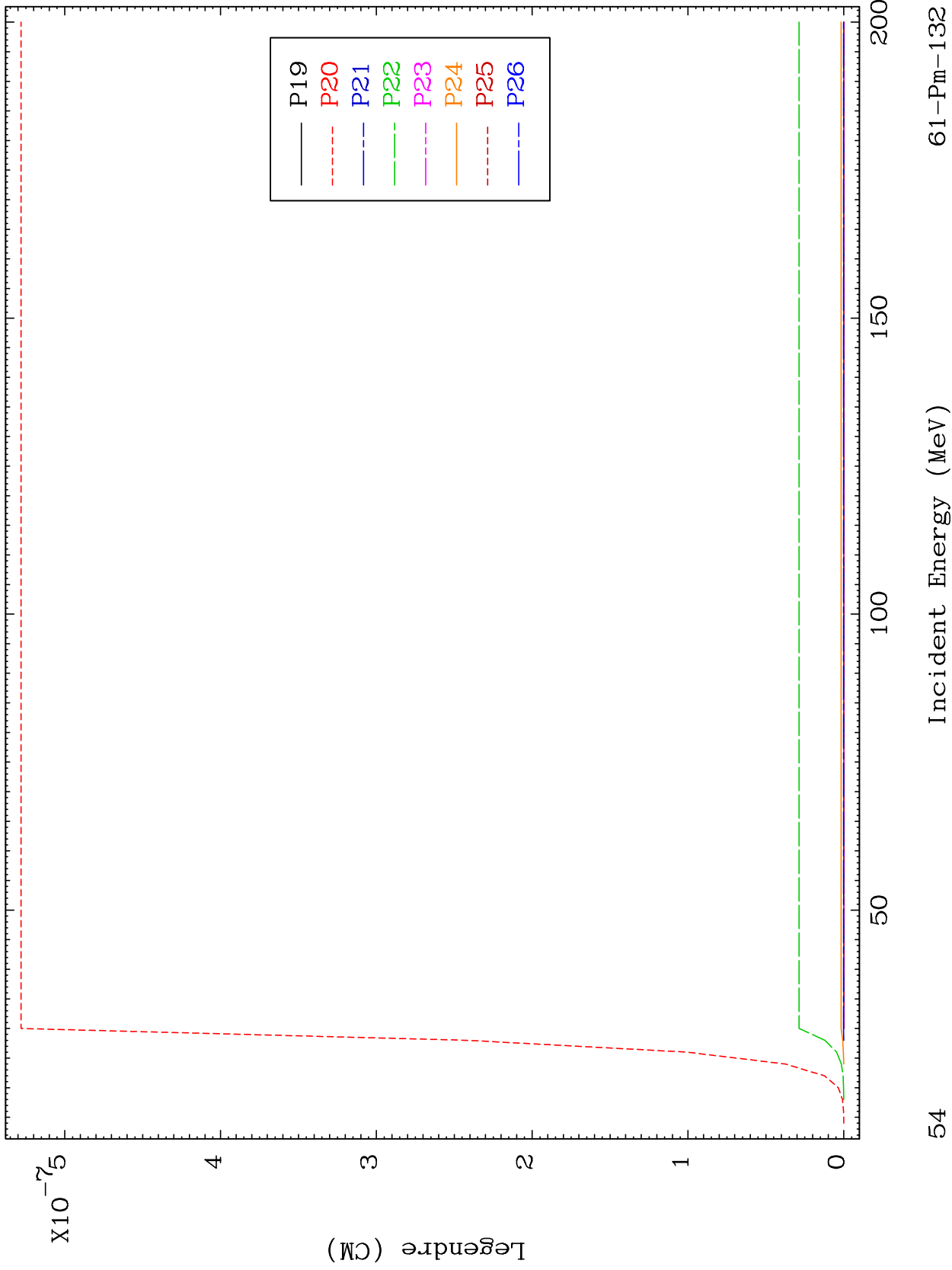
61-Pm-132



MAT 6104

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

61-Pm-132



54

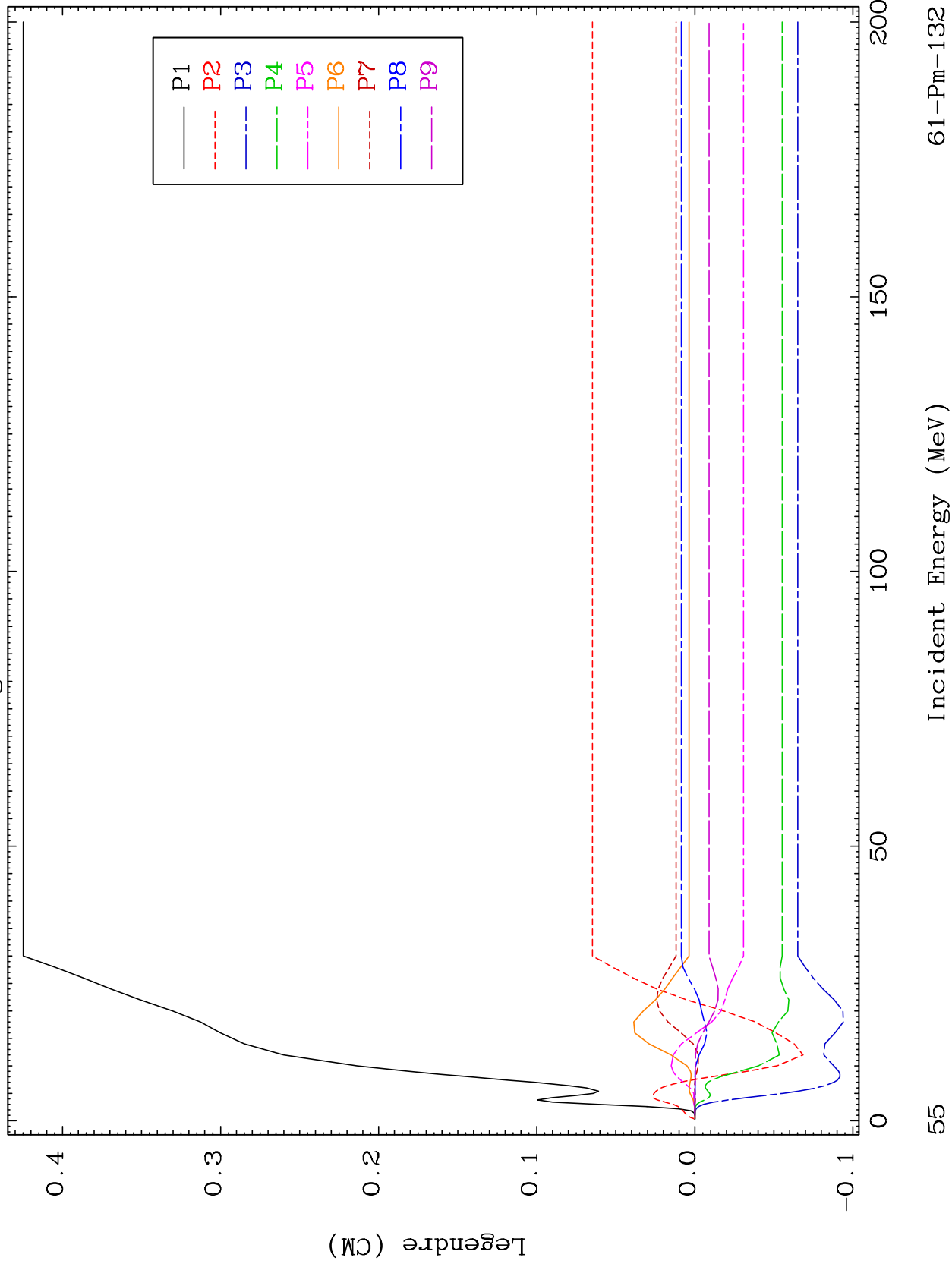
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



61-Pm-132

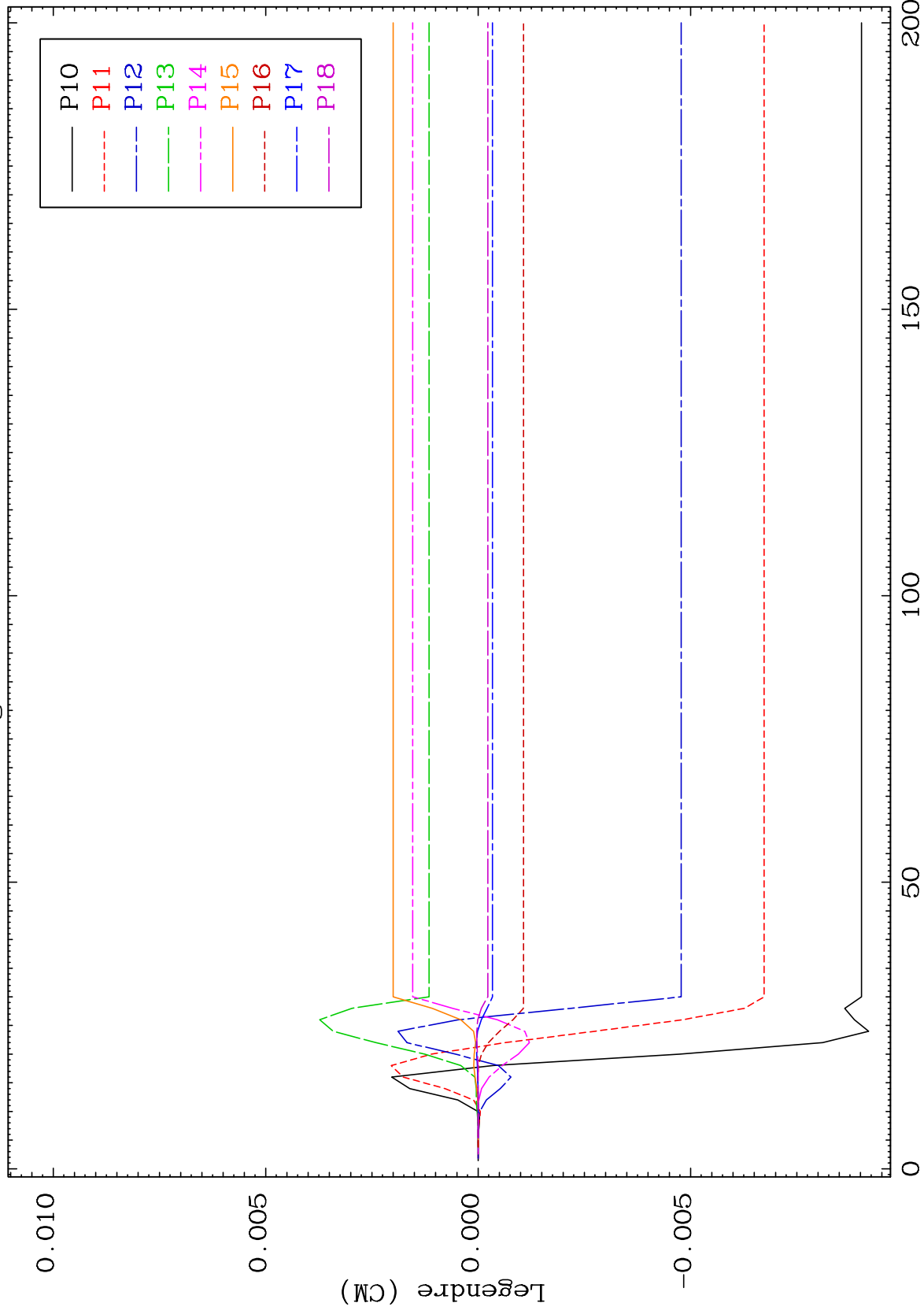
Incident Energy (MeV)

55

MAT 6104

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

61-Pm-132



56

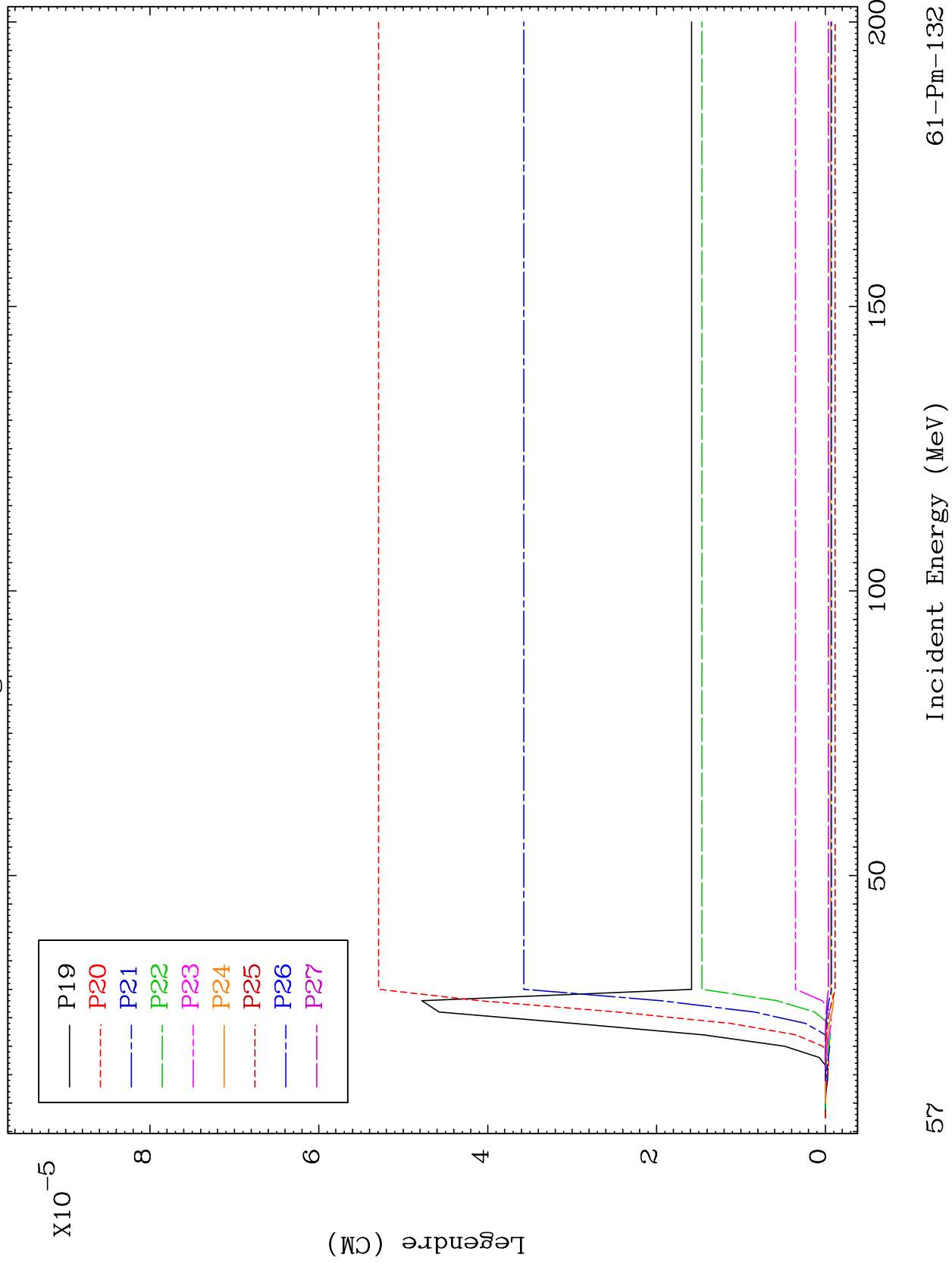
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



57

Incident Energy (MeV)

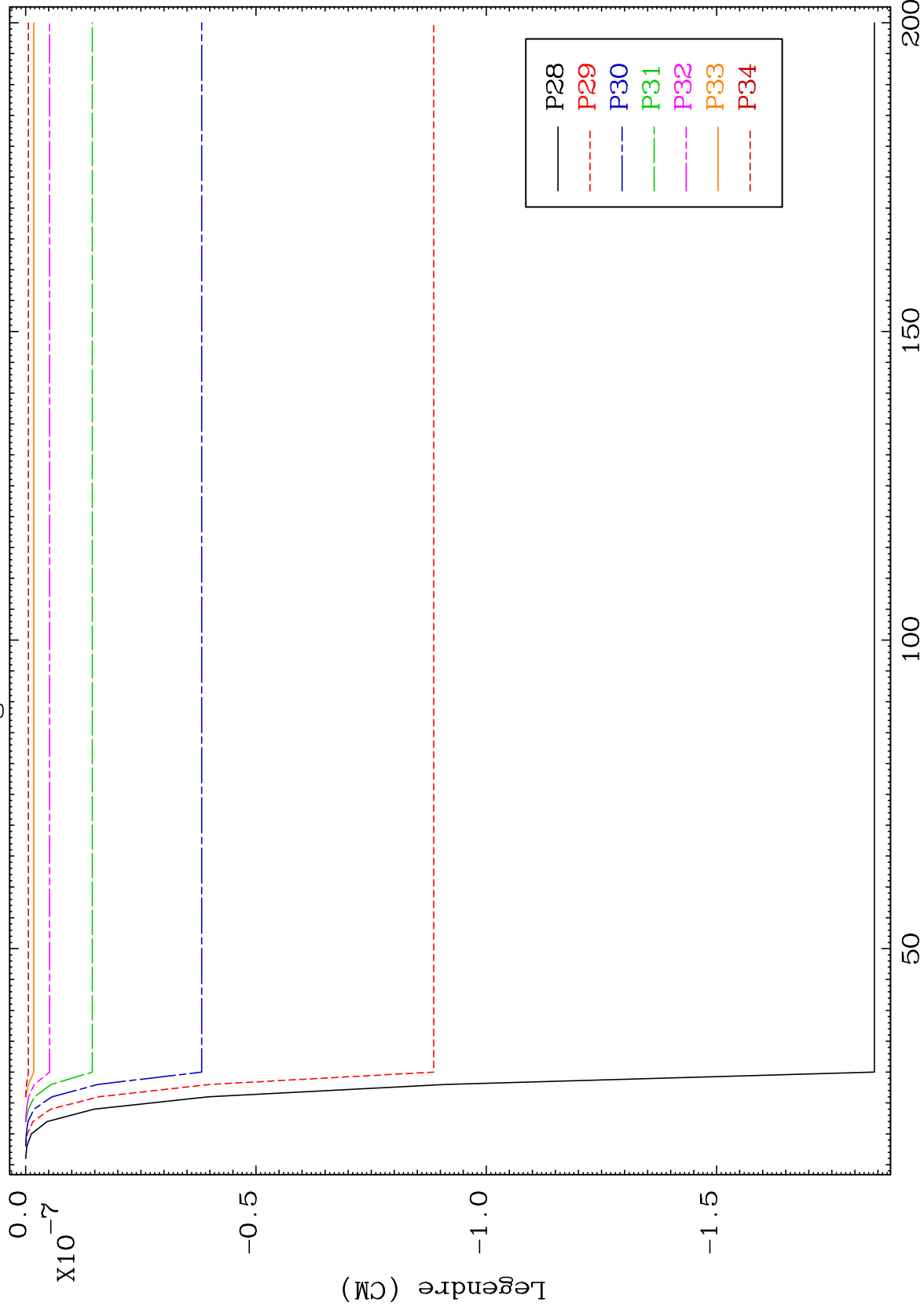
61-Pm-132

MAT 6104

MT= 61 (n,n') Level

61-Pm-132

Legendre Coefficients



58

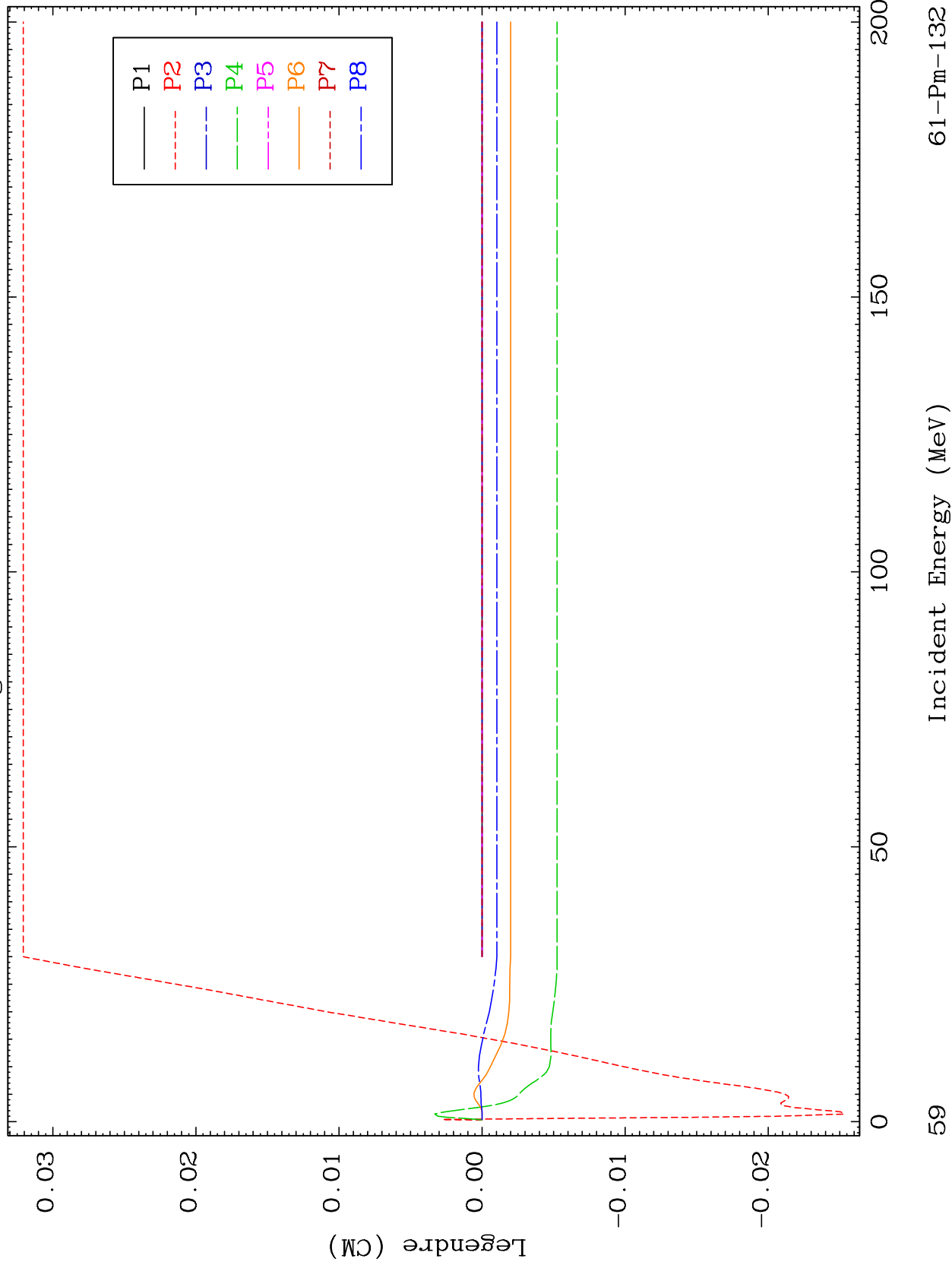
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



61-Pm-132

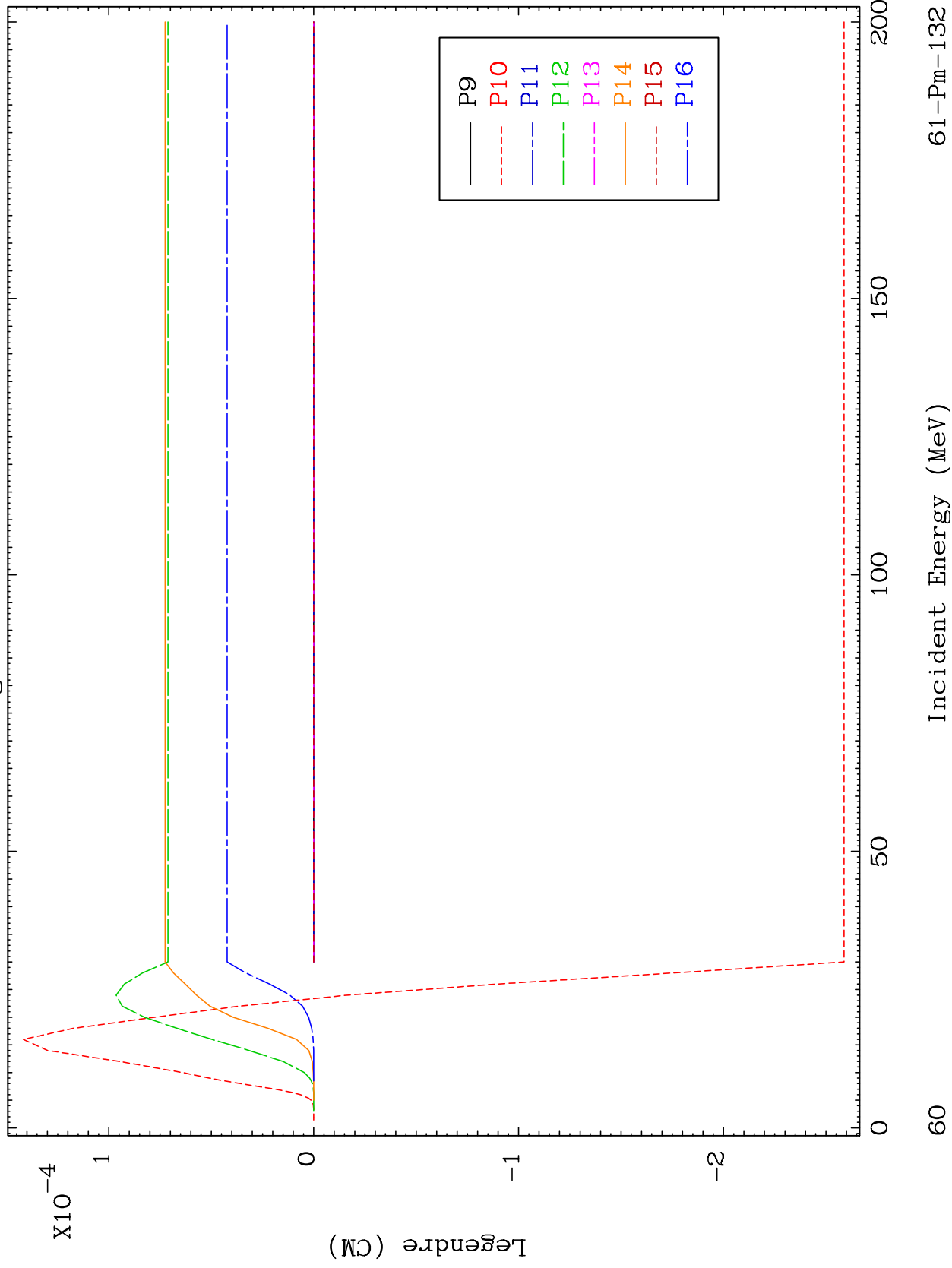
Incident Energy (MeV)

59

MAT 6104

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

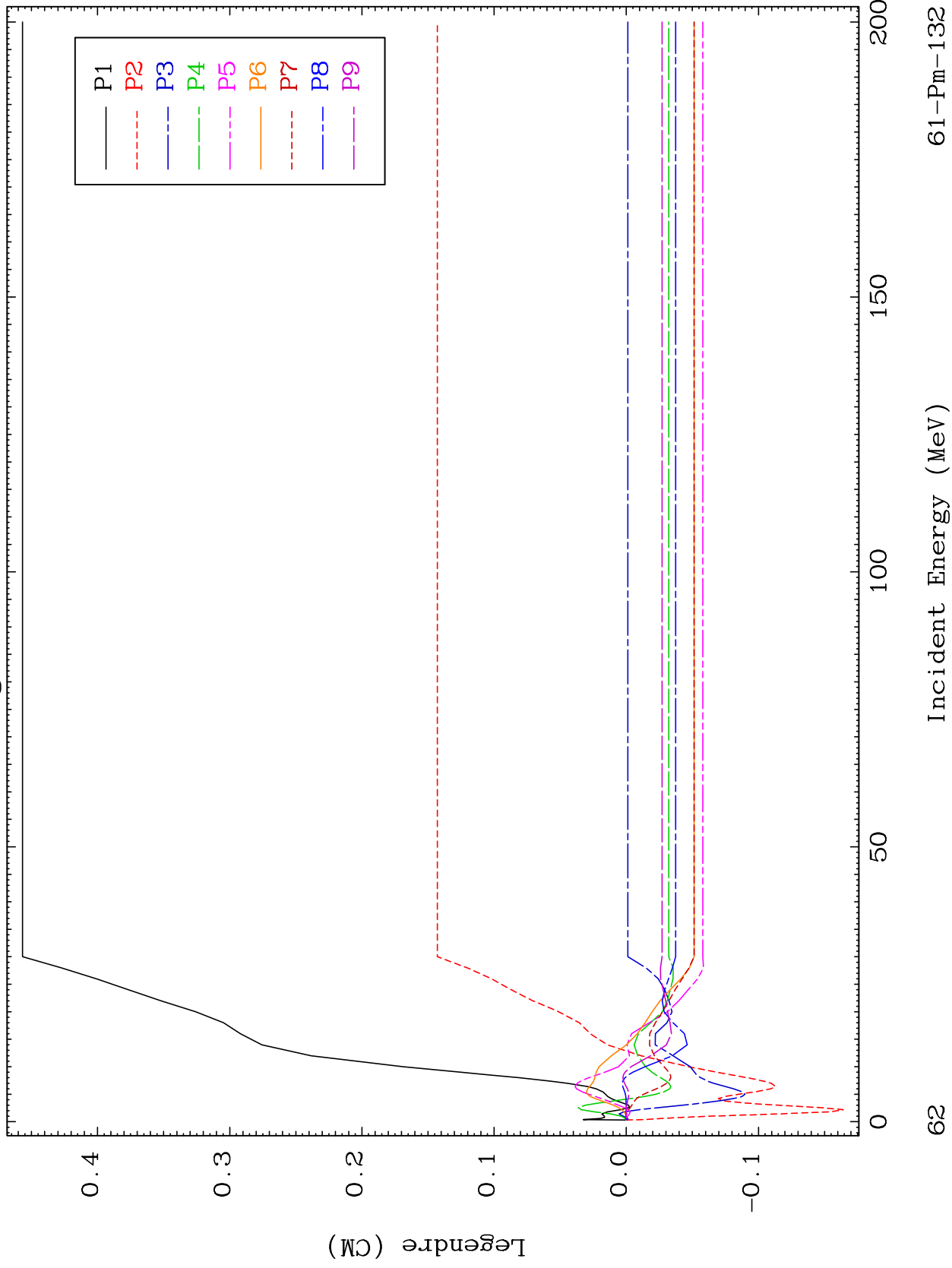
61-Pm-132



MAT 6104

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

61-Pm-132



61-Pm-132

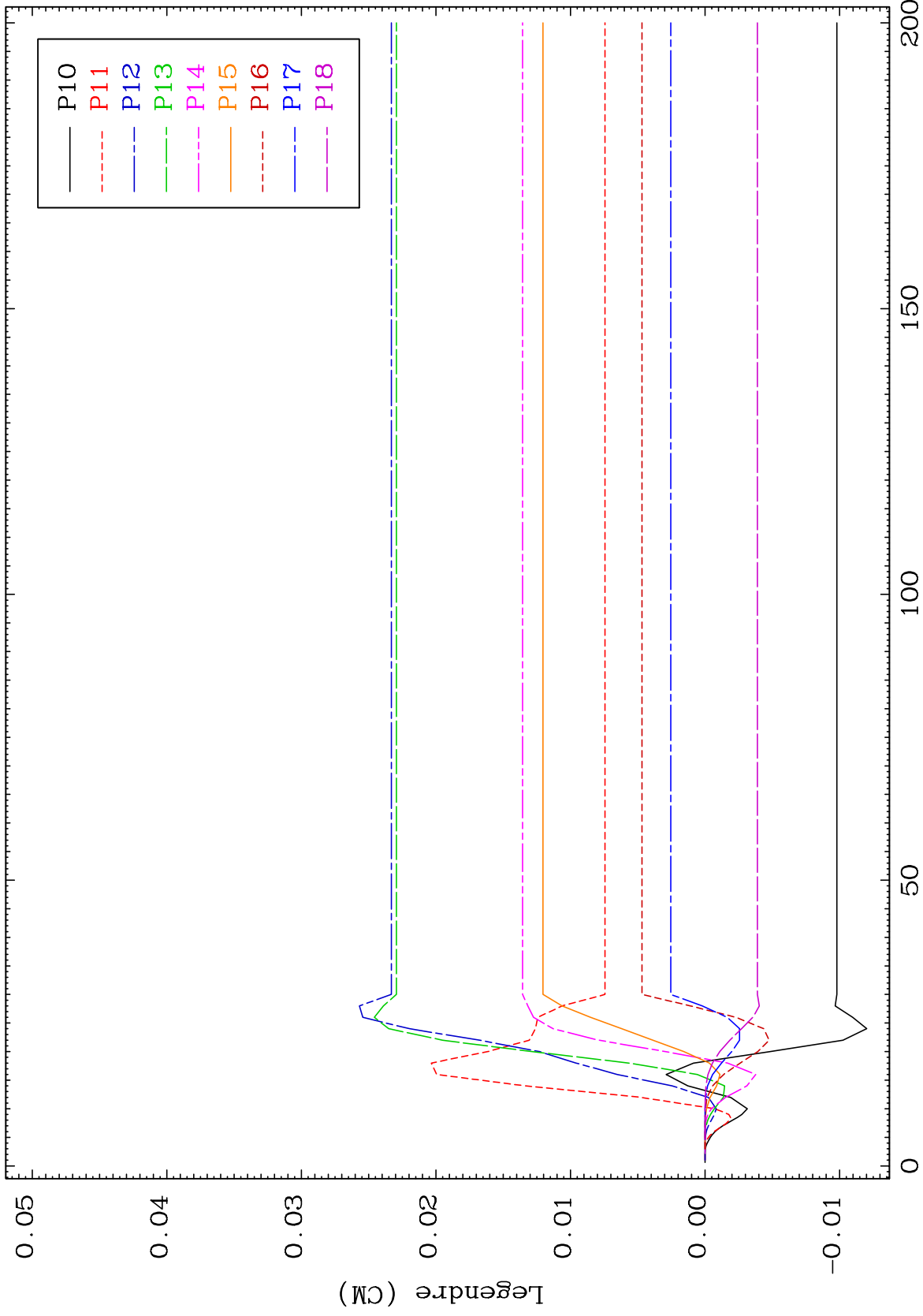
Incident Energy (MeV)

62

MAT 6104

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

61-Pm-132



63

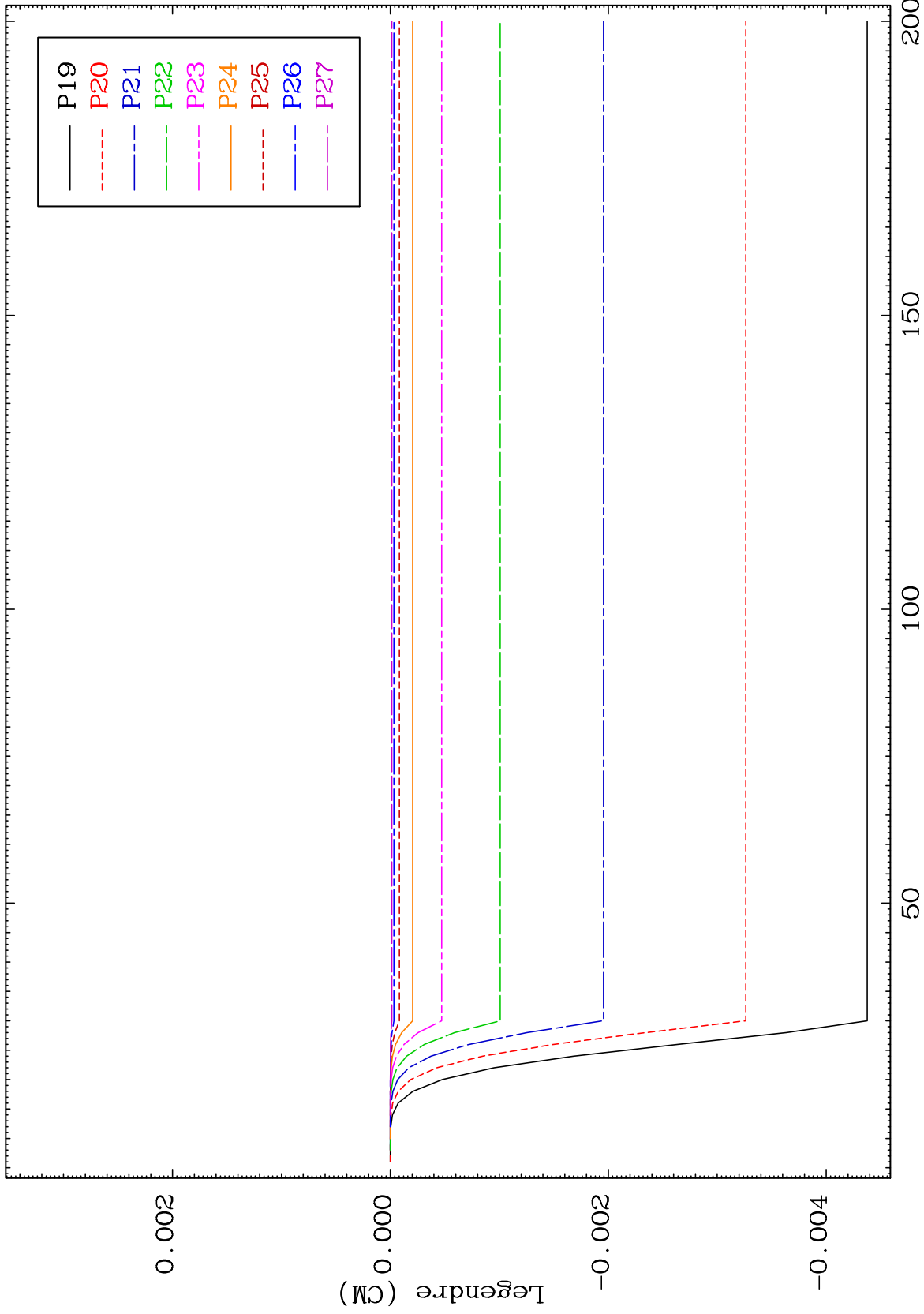
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

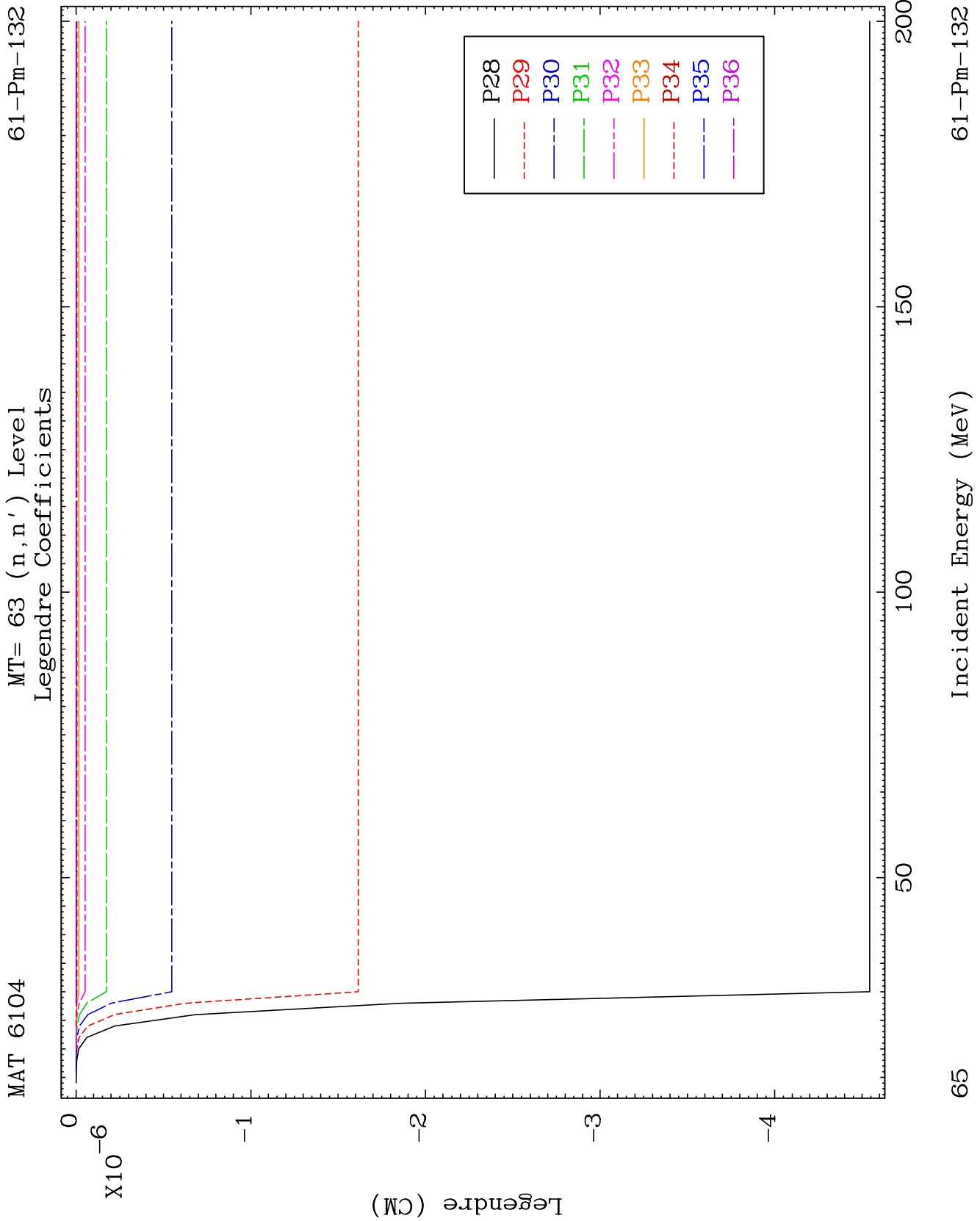
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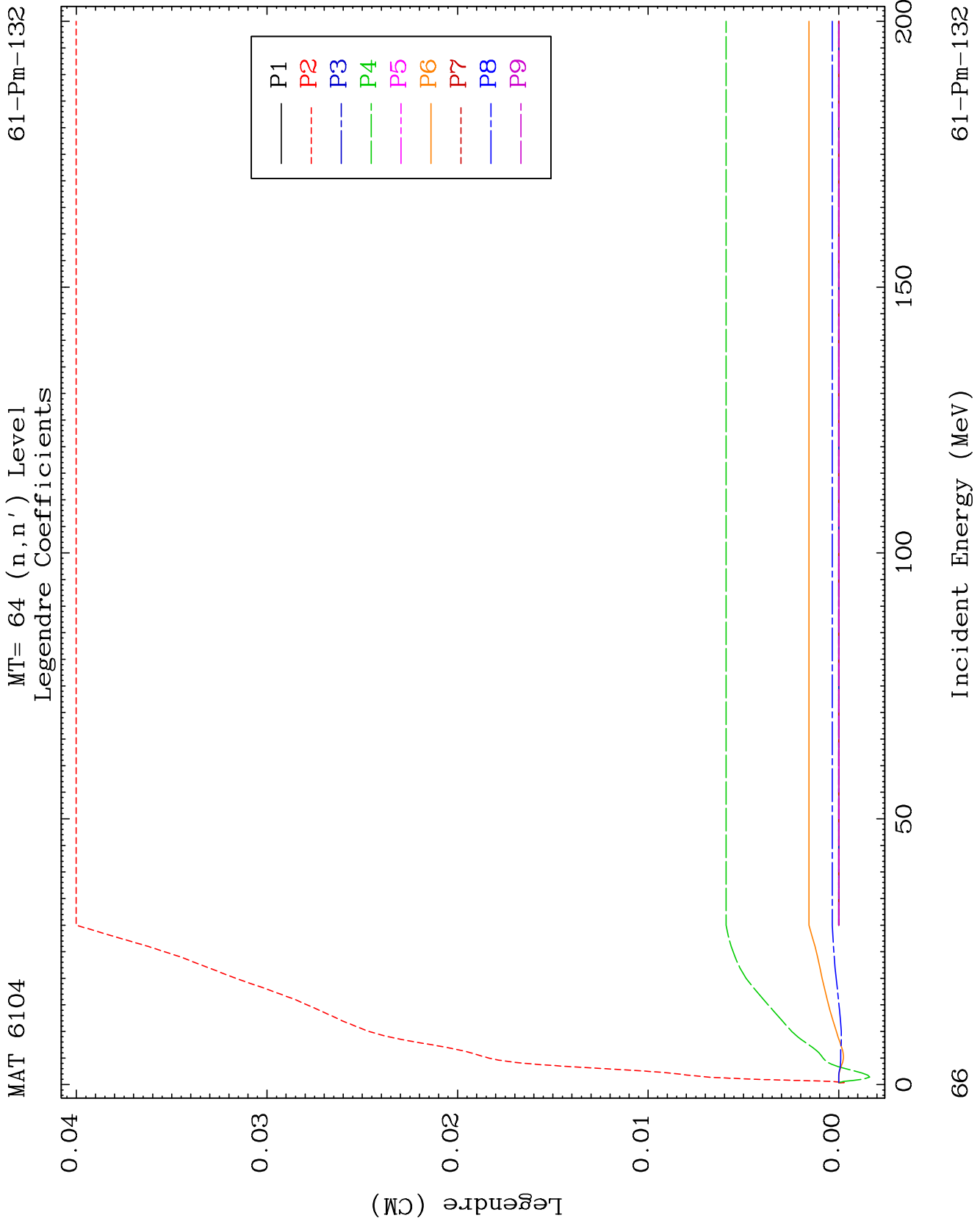


64

Incident Energy (MeV)

61-Pm-132

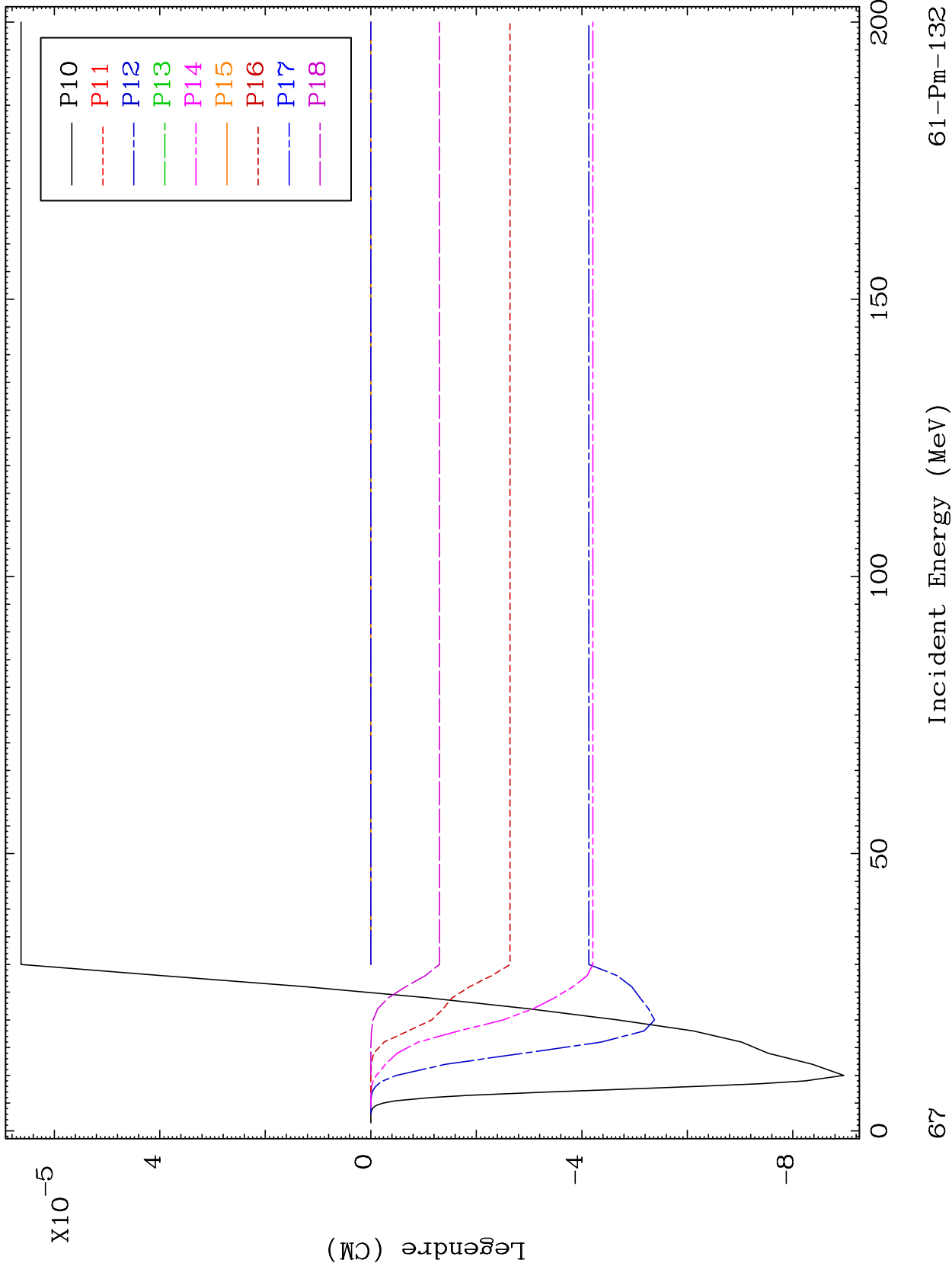




MAT 6104

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

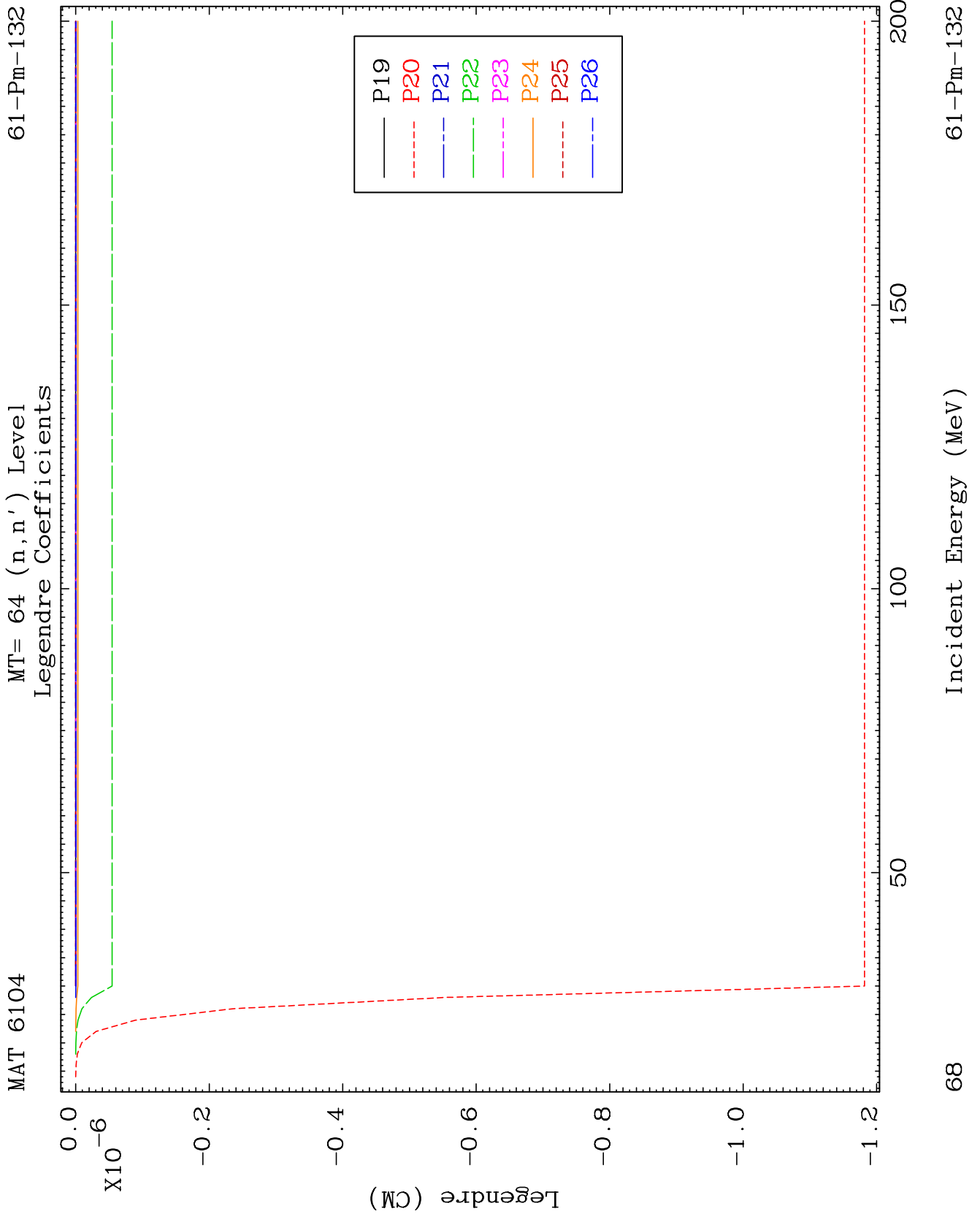
61-Pm-132



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61-Pm-132

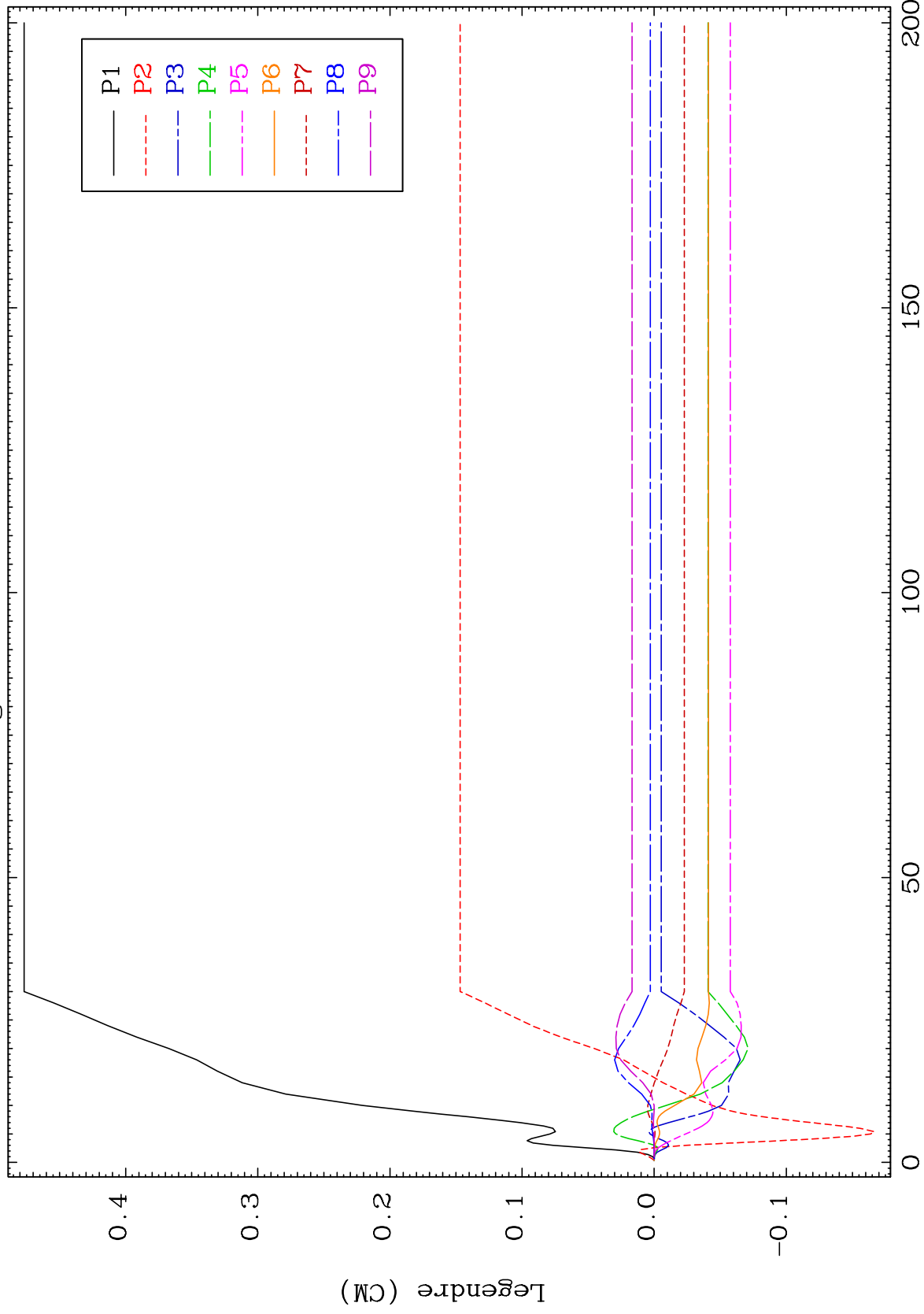
61-Pm-132



MAT 6104

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

61-Pm-132



69

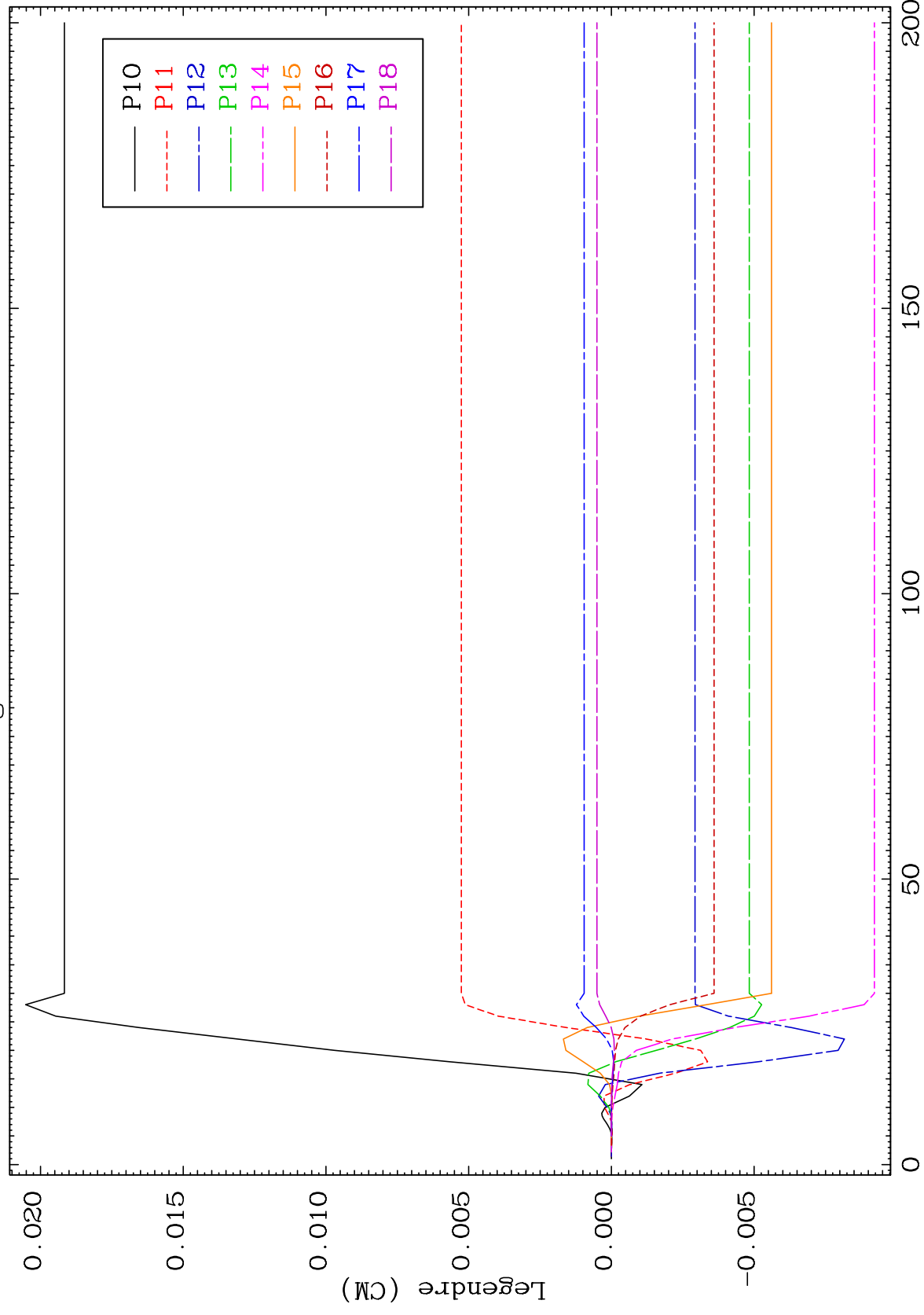
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

61-Pm-132



61-Pm-132

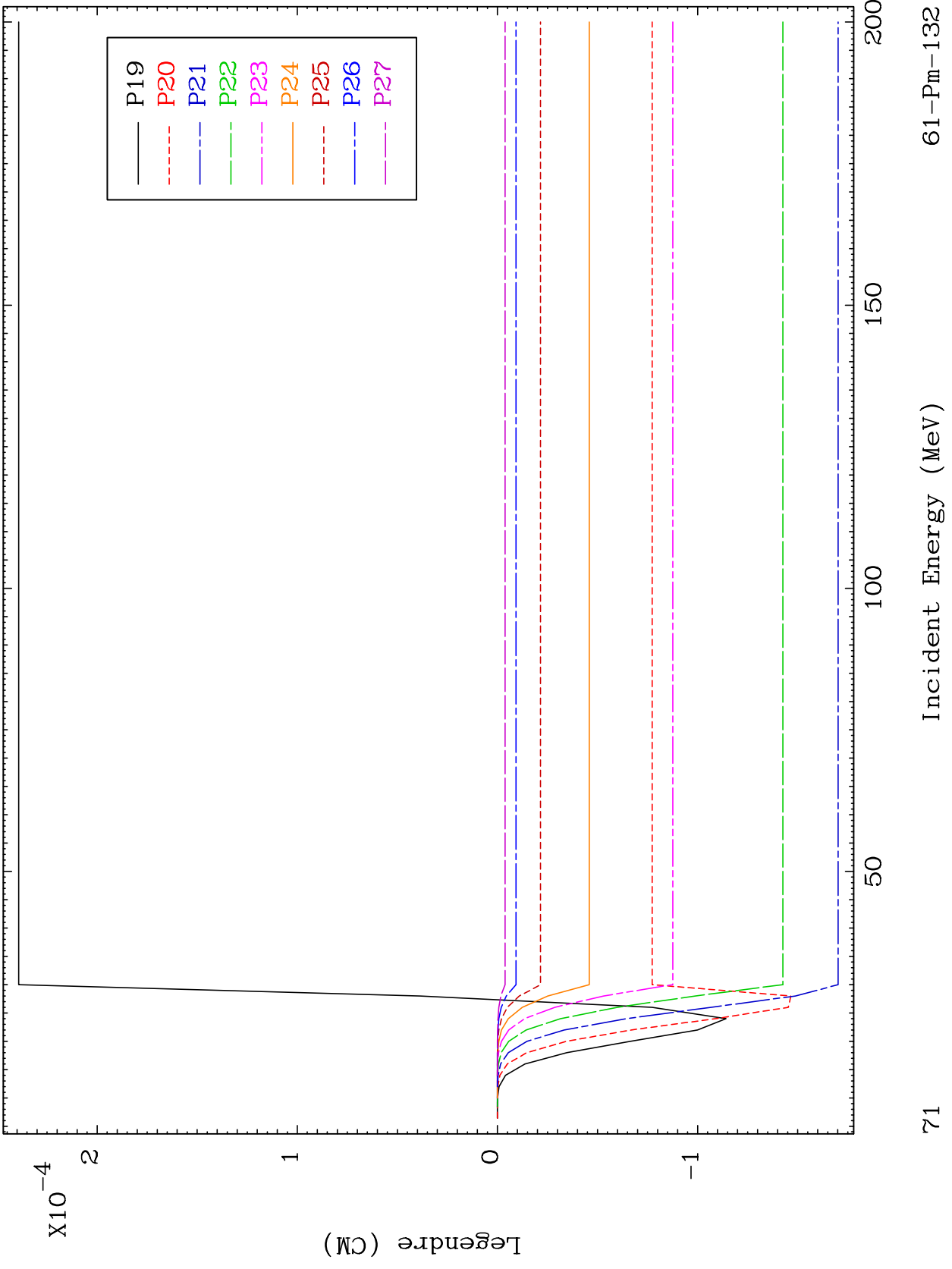
Incident Energy (MeV)

70

MAT 6104

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

61-Pm-132



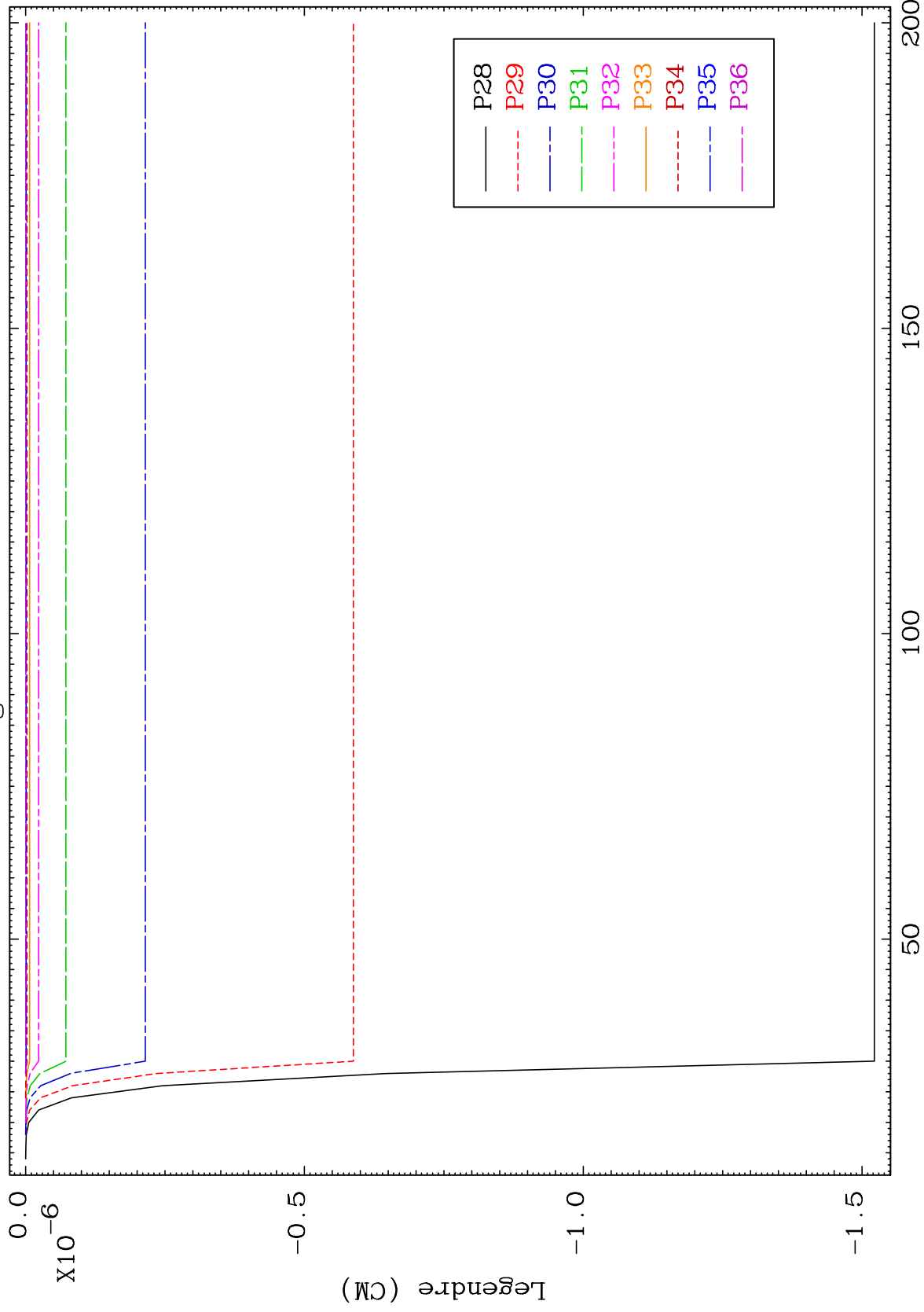
71

61-Pm-132

MAT 6104

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

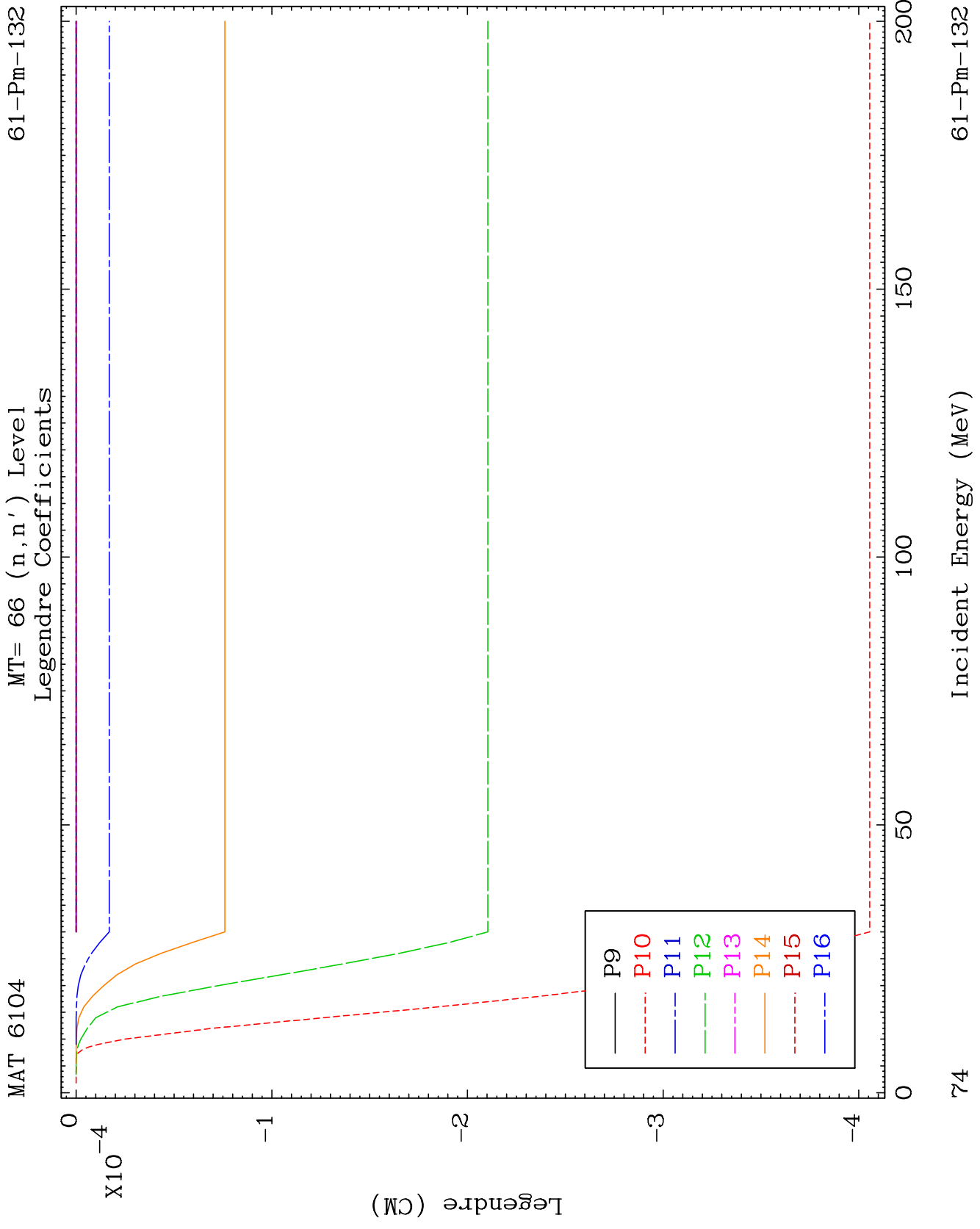
61-Pm-132



72

Incident Energy (MeV)

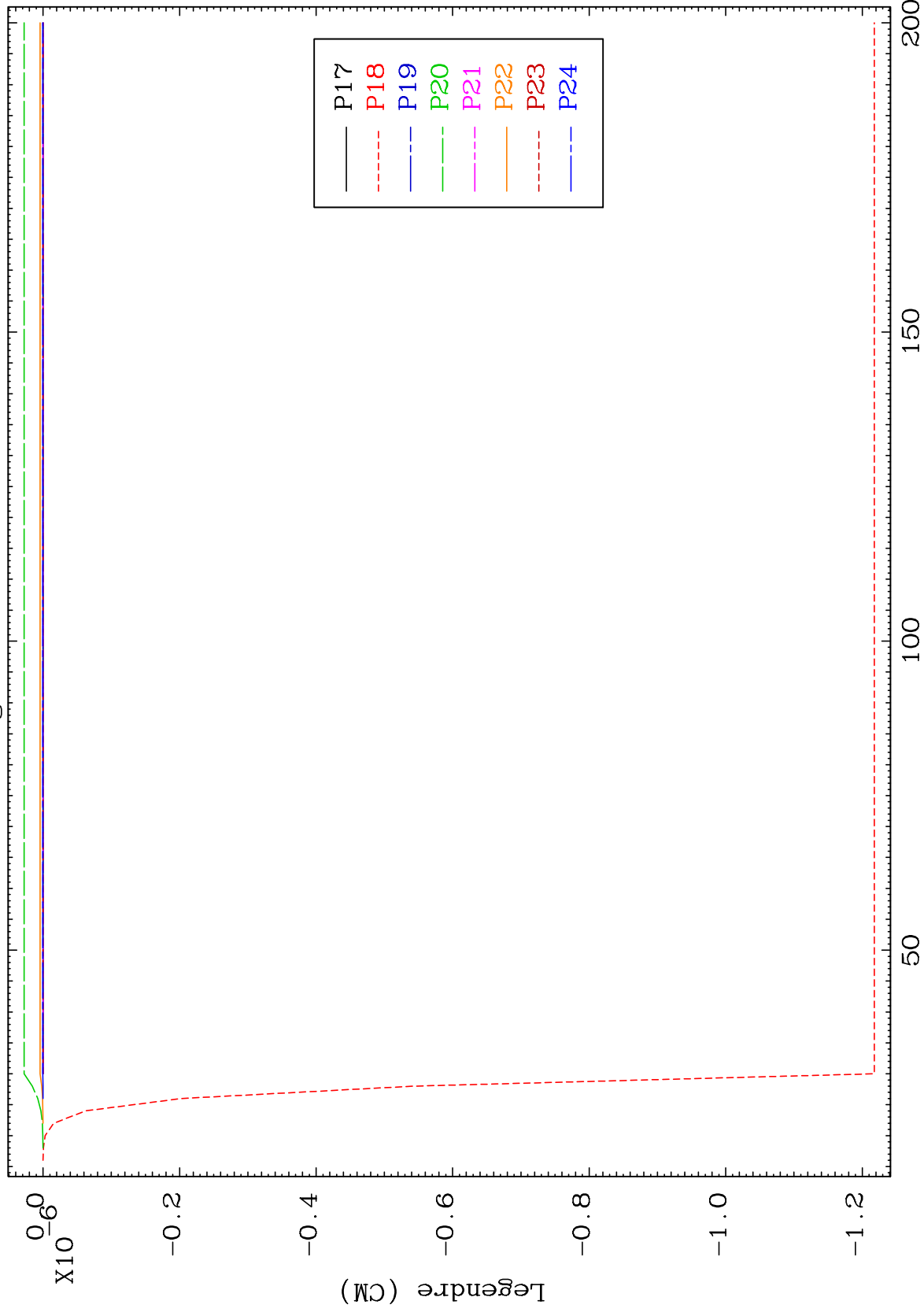
61-Pm-132



MAT 6104

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

61-Pm-132



75

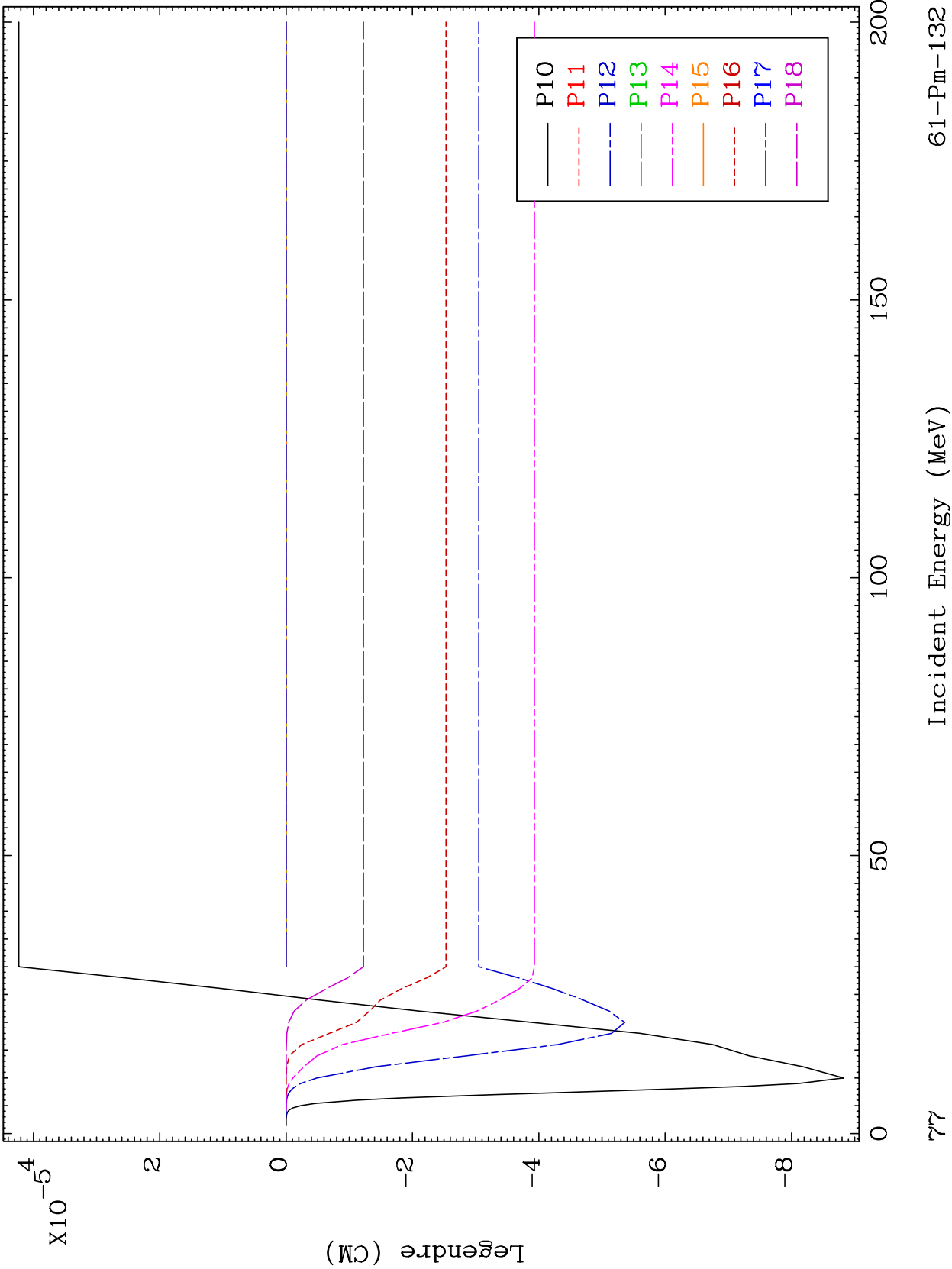
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

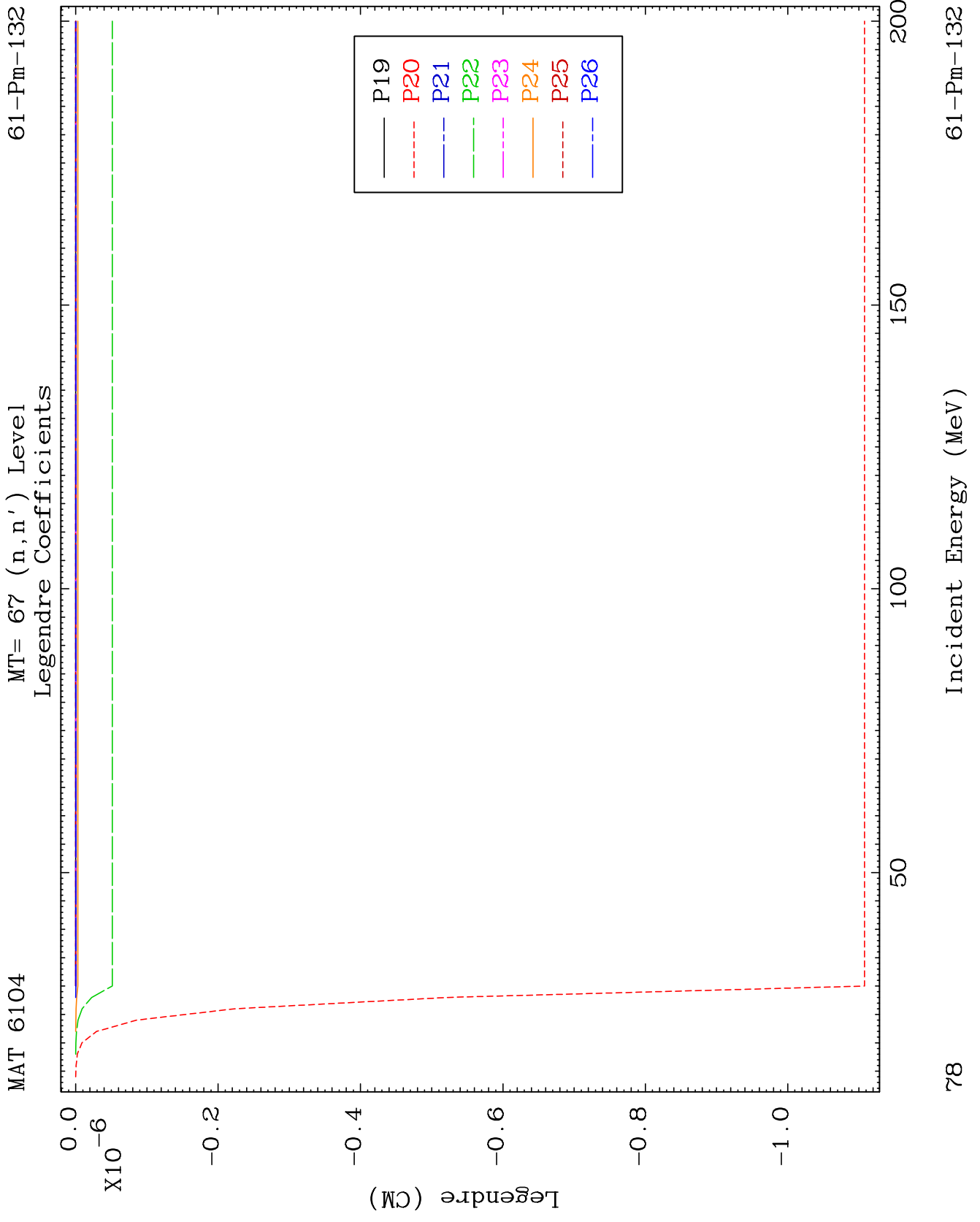
61-Pm-132



77

Incident Energy (MeV)

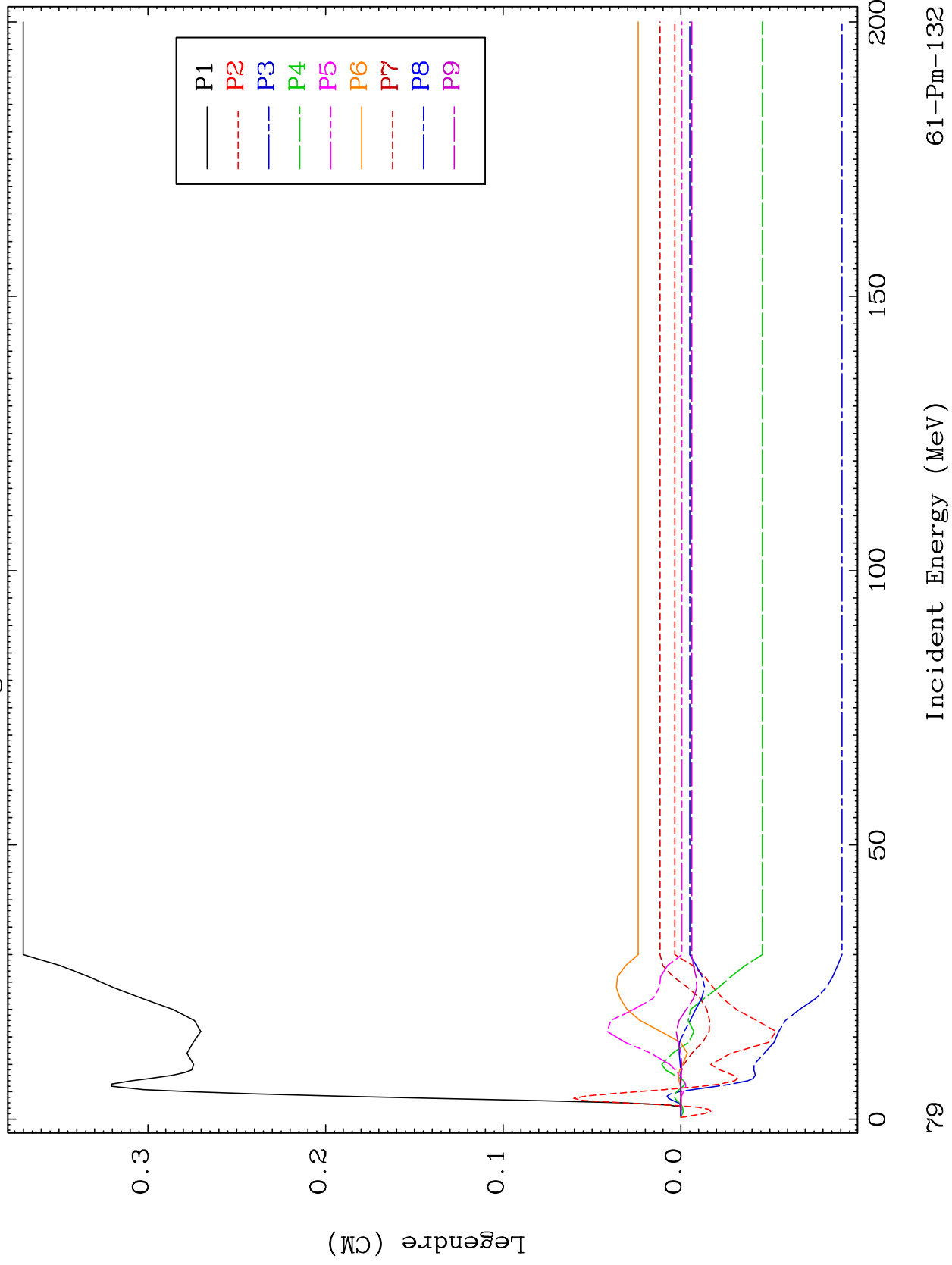
61-Pm-132



MAT 6104

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

61-Pm-132



79

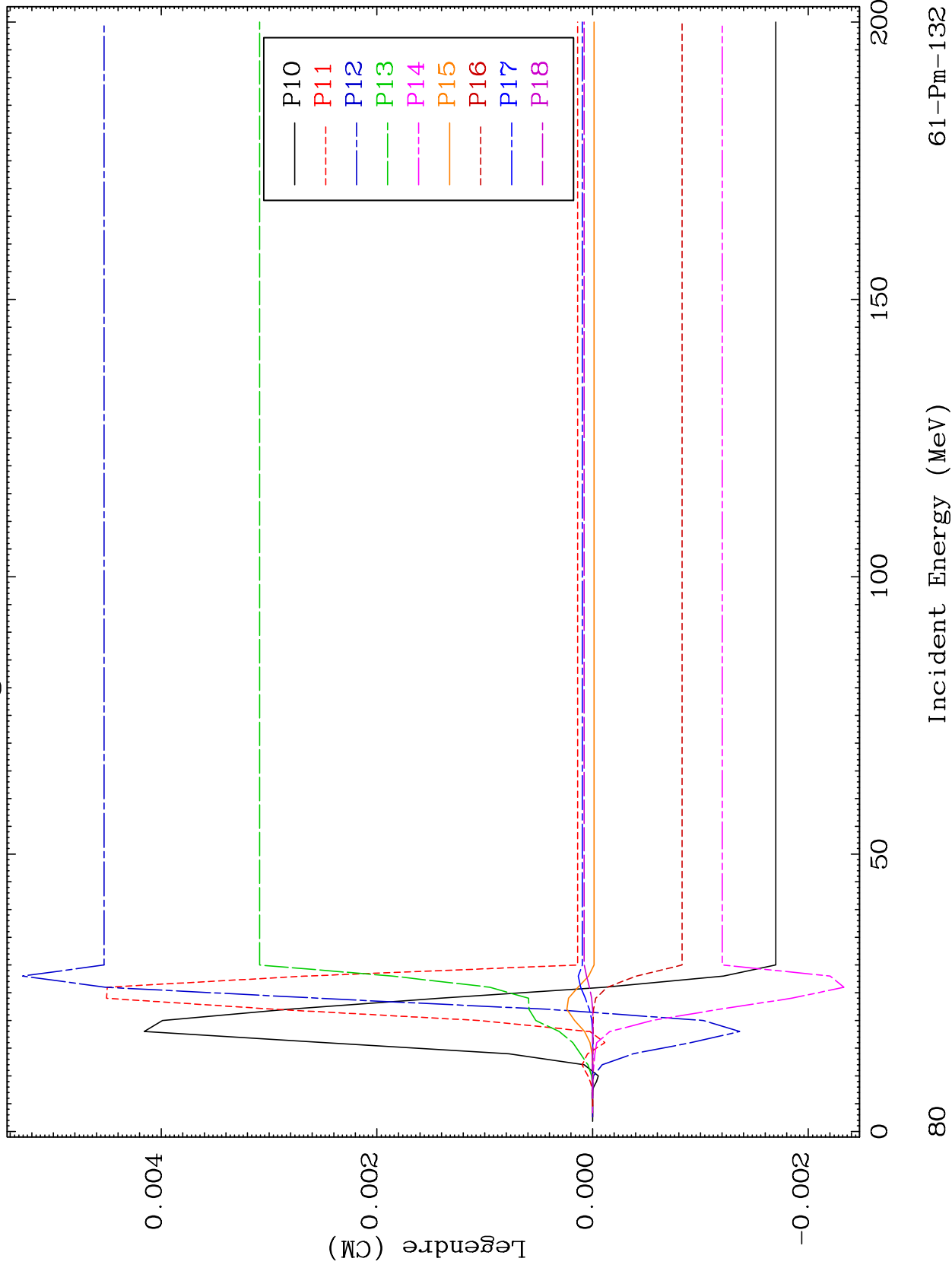
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

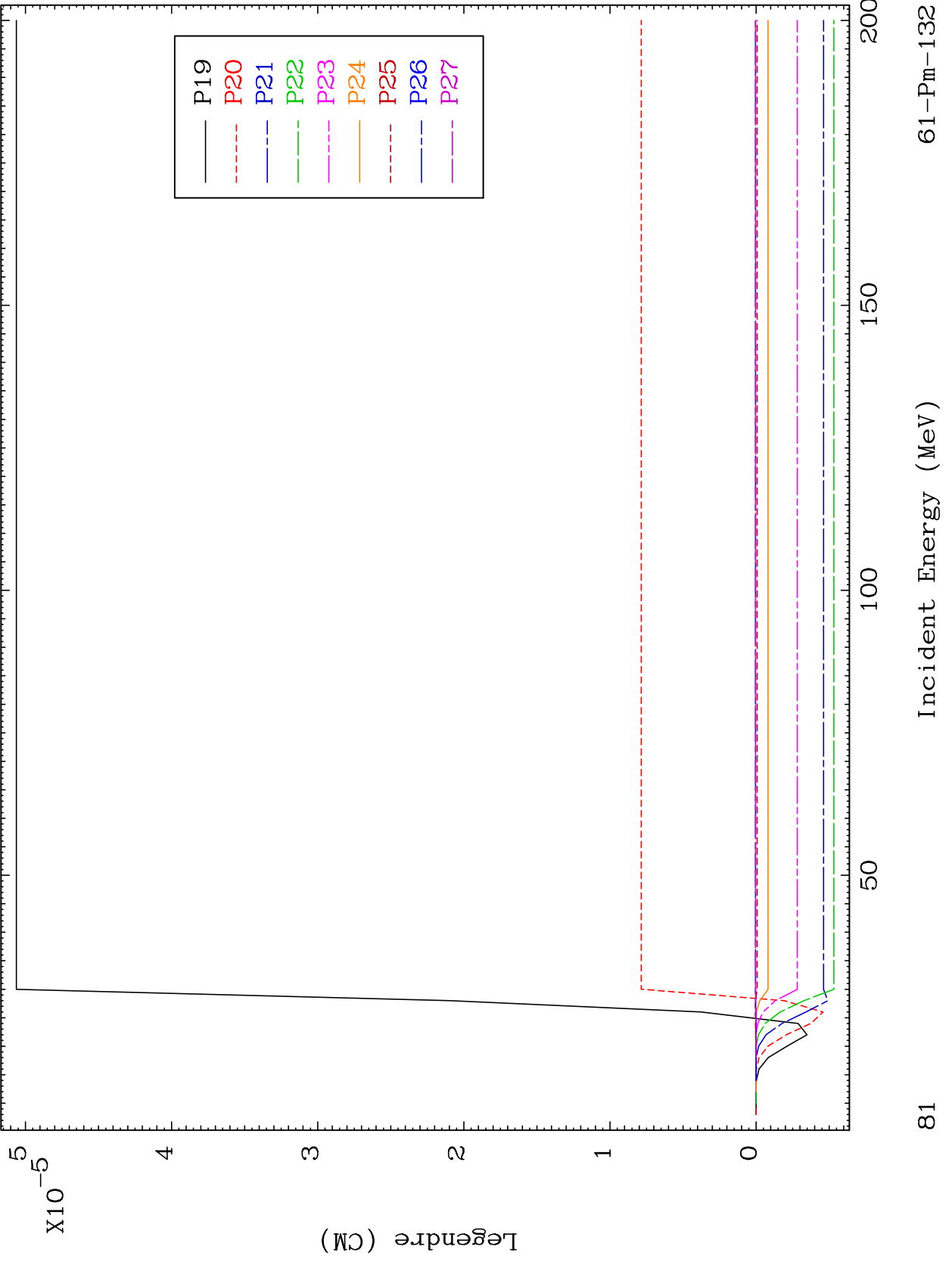
61-Pm-132



MAT 6104

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

61-Pm-132



81

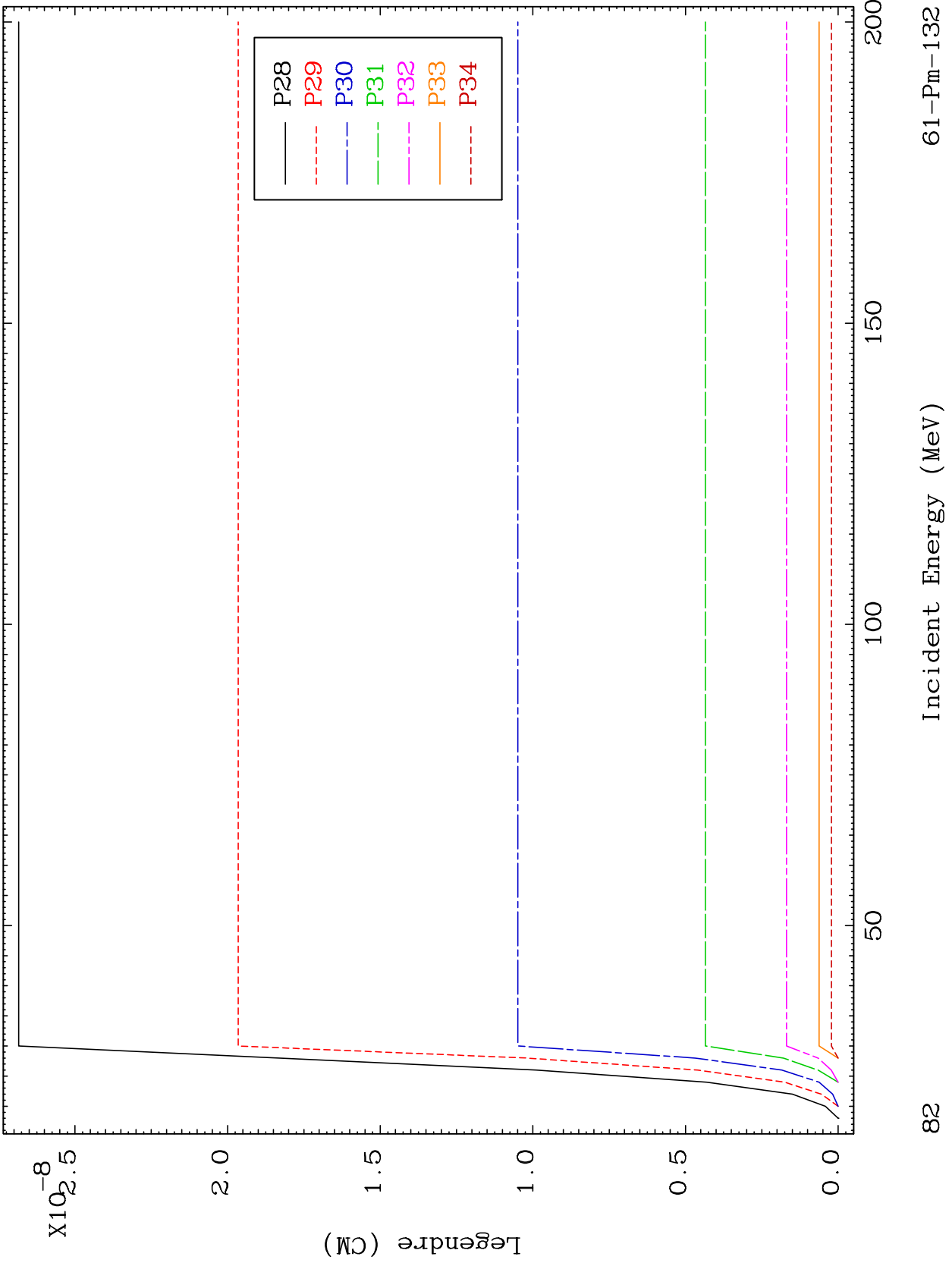
Incident Energy (MeV)

61-Pm-132

MAT 6104

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

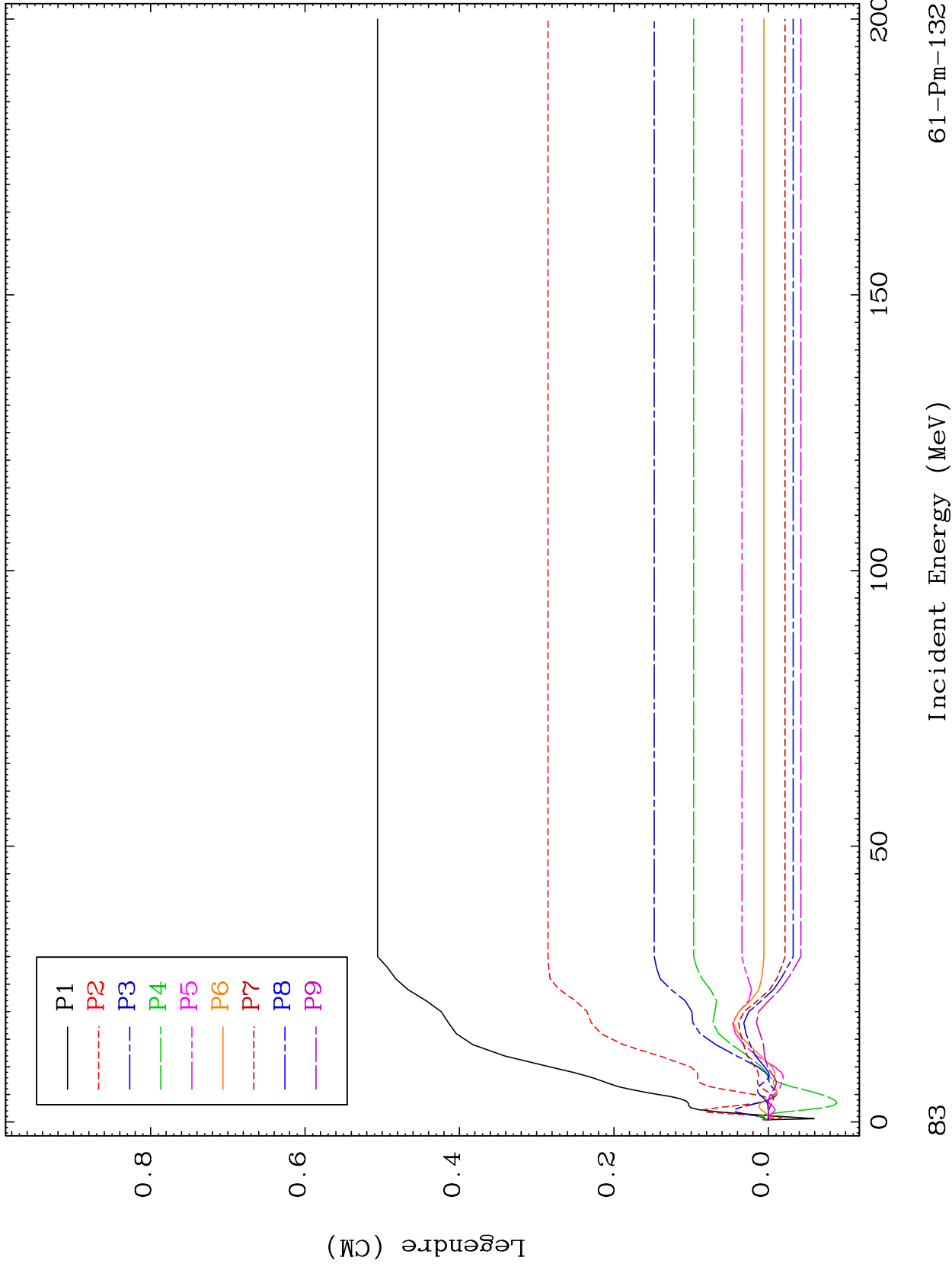
61-Pm-132

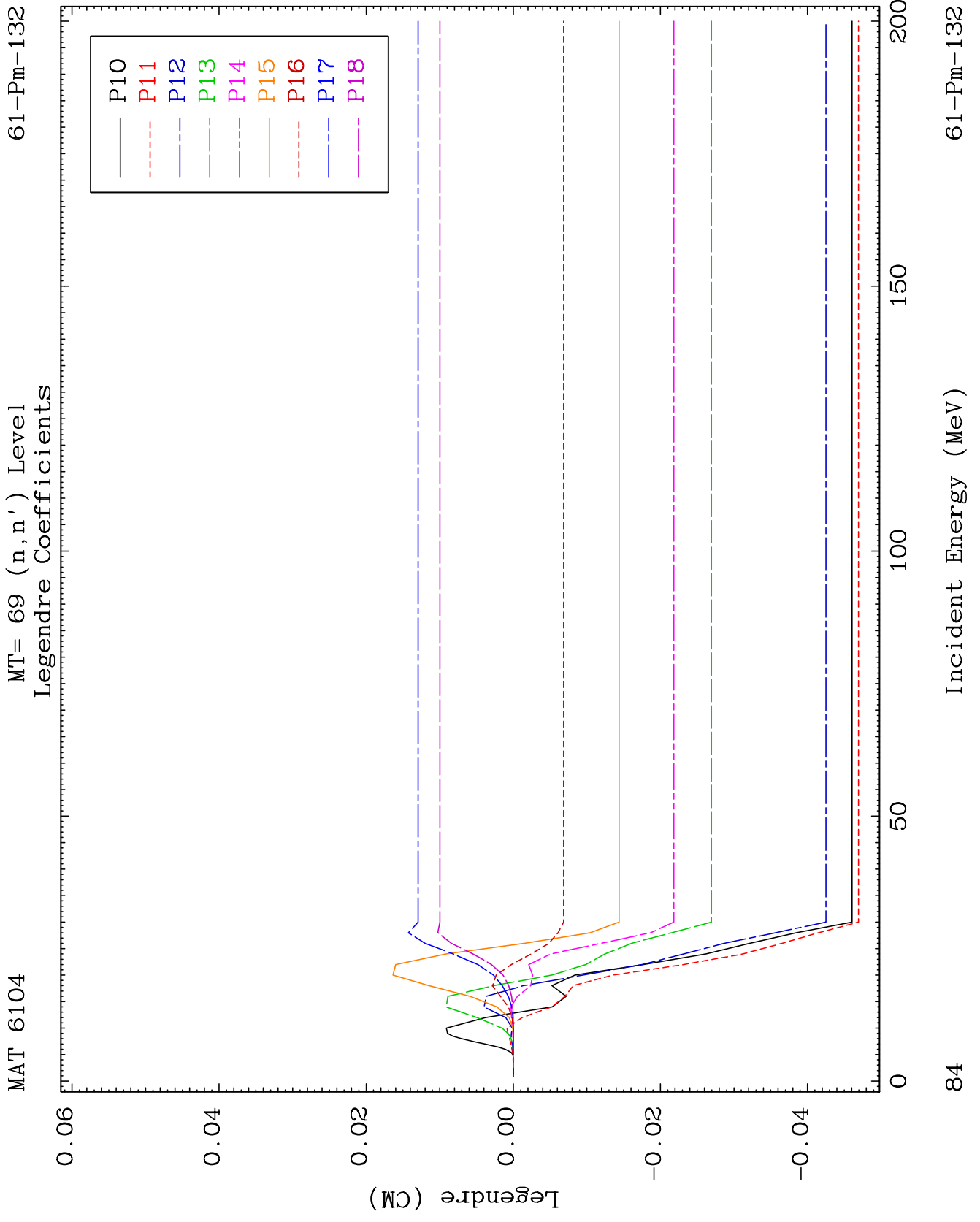


82

Incident Energy (MeV)

61-Pm-132

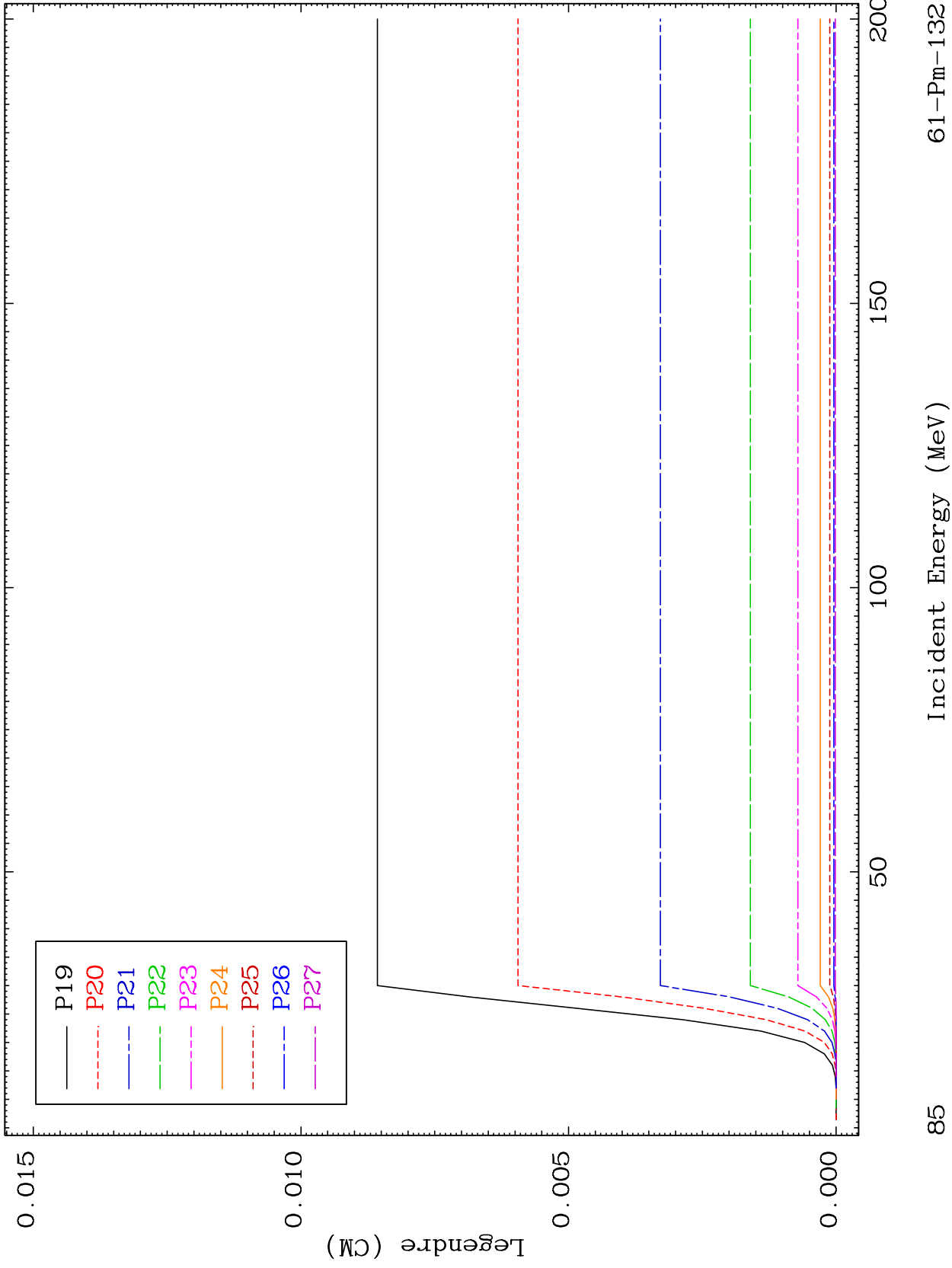




MAT 6104

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

61-Pm-132



85

Incident Energy (MeV)

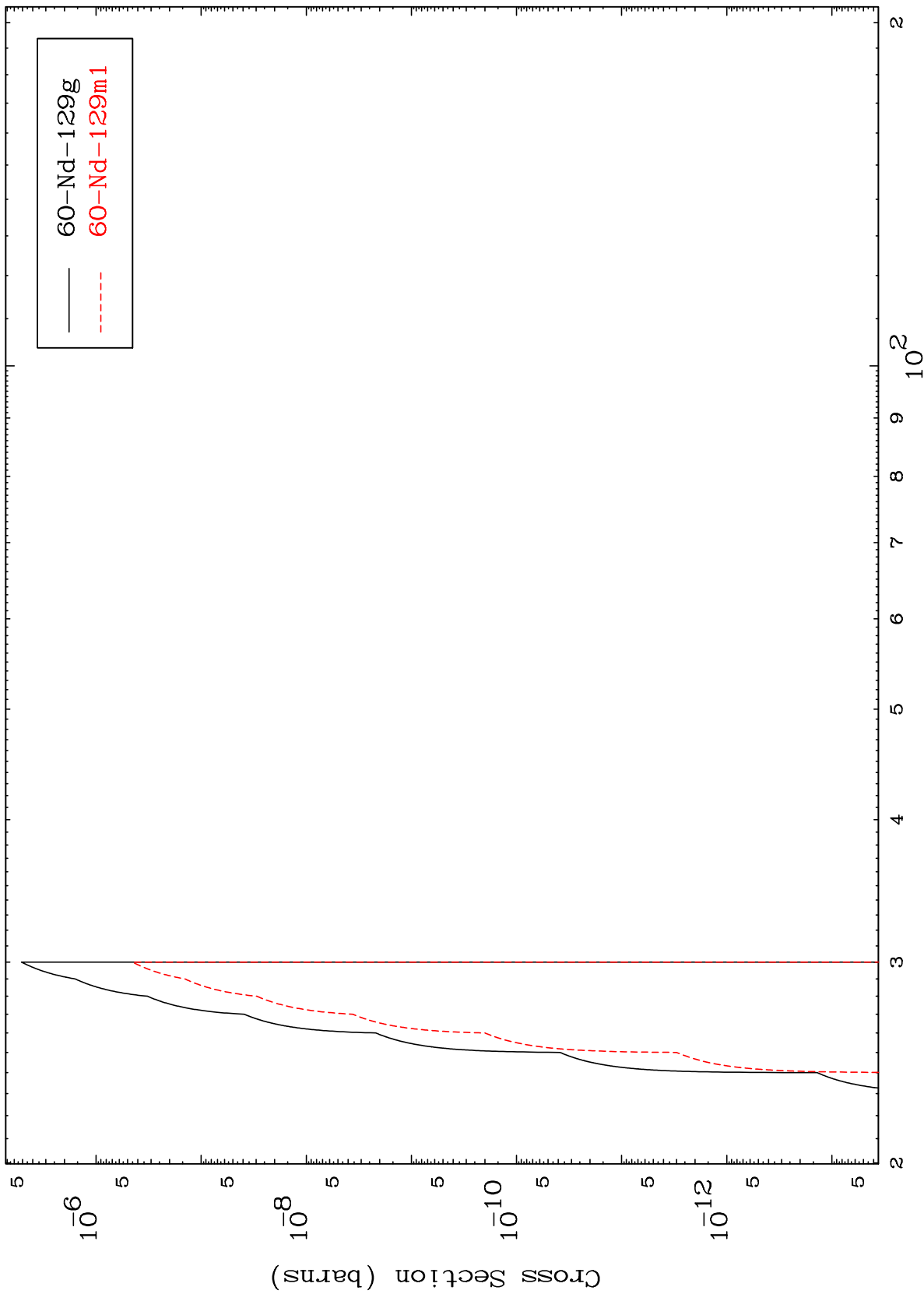
61-Pm-132

MAT 6104

(n,2n) d

61-Pm-132

Radionuclide Production Cross Section



87

Incident Energy (MeV)

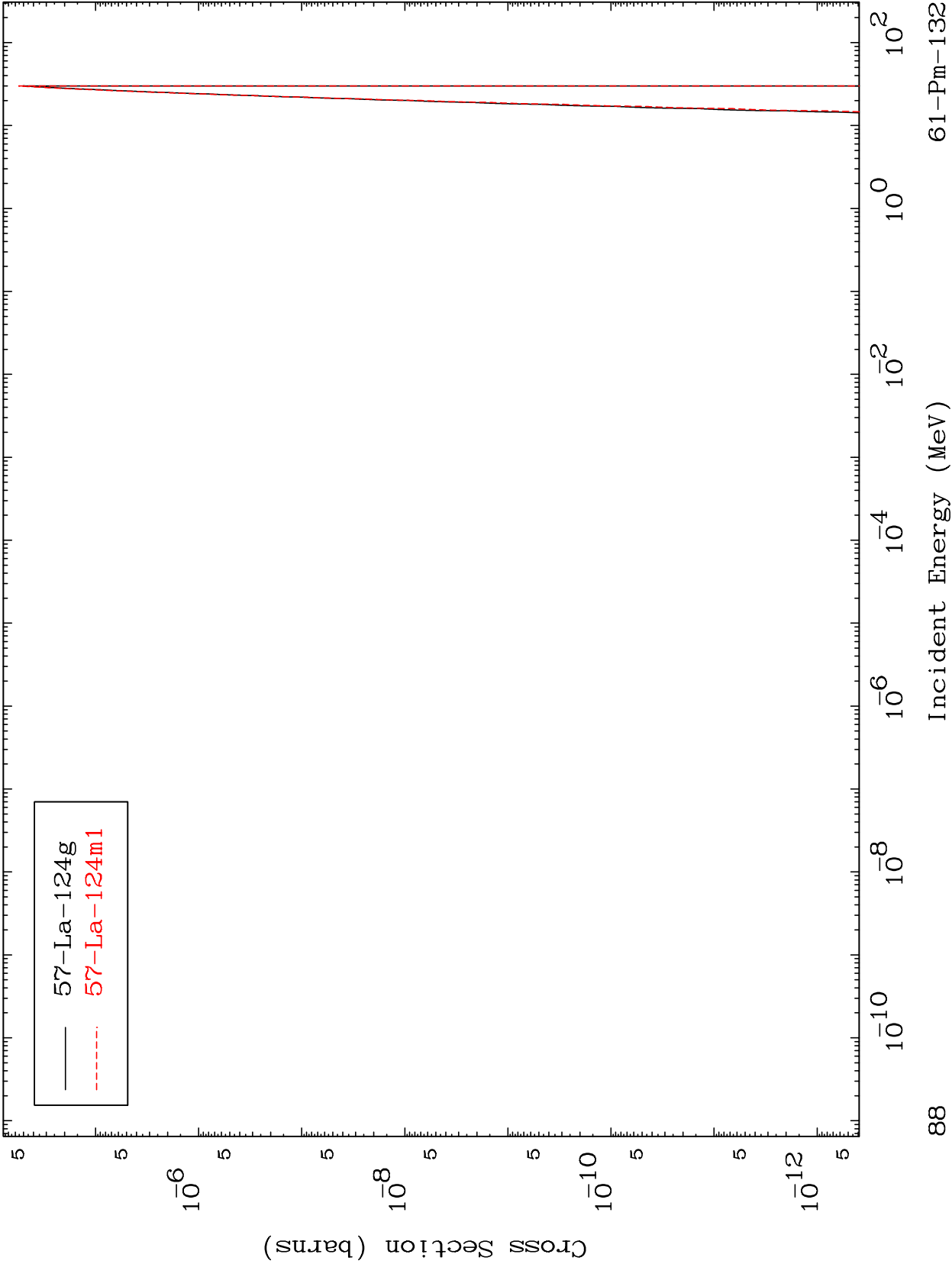
61-Pm-132

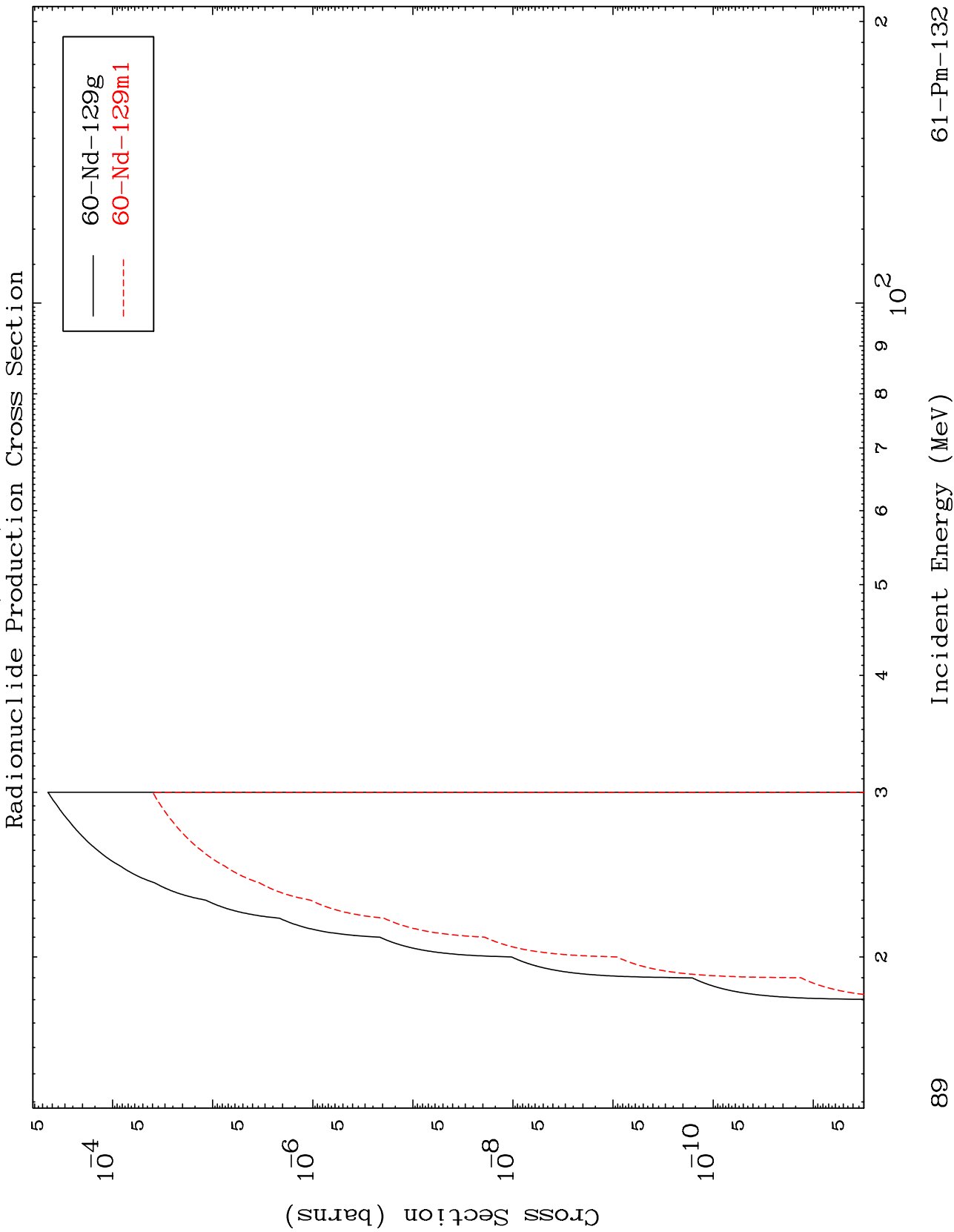
MAT 6104

(n,n') 2 α

61-Pm-132

Radionuclide Production Cross Section



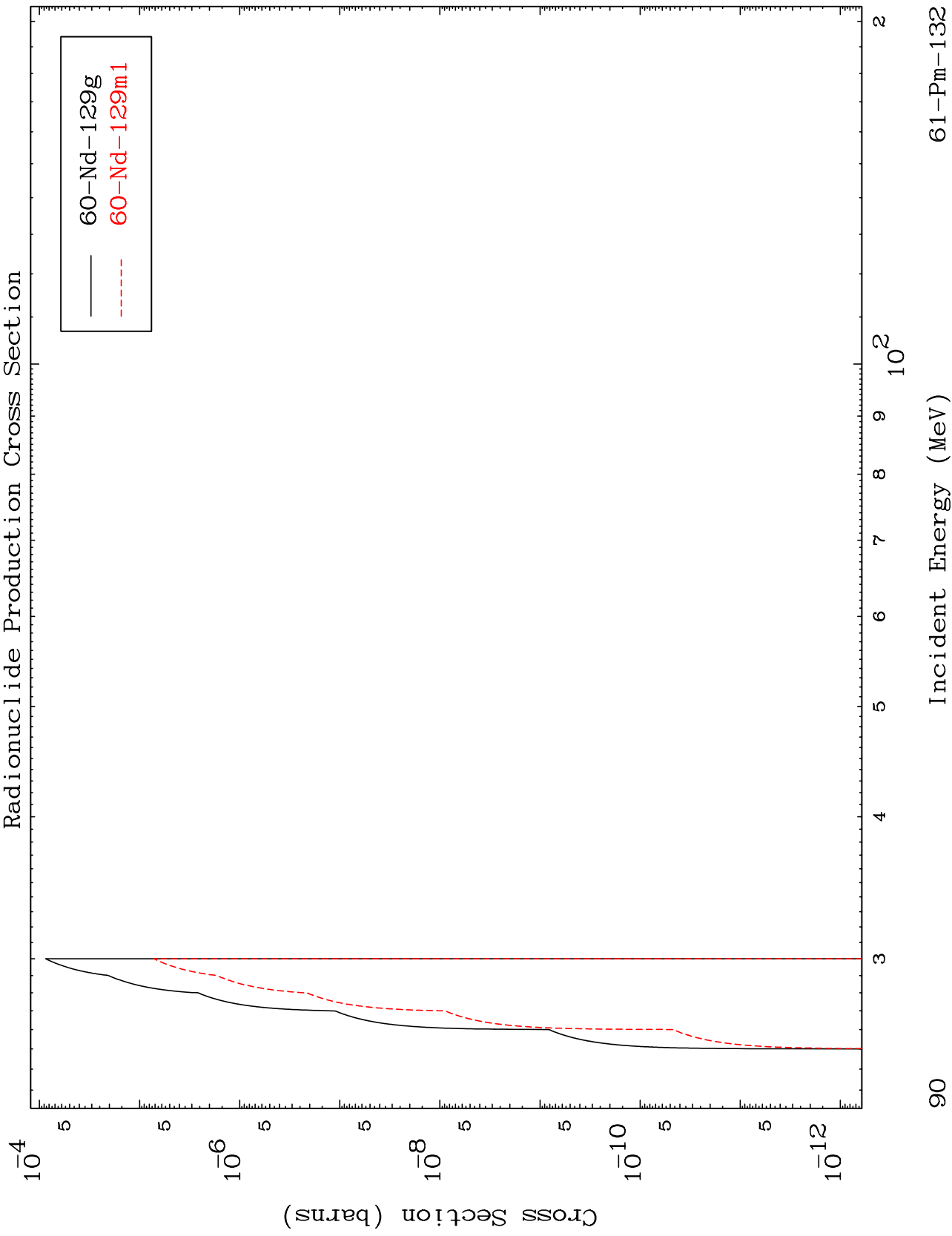


MAT 6104

(n,3n) p

61-Pm-132

Radionuclide Production Cross Section



90

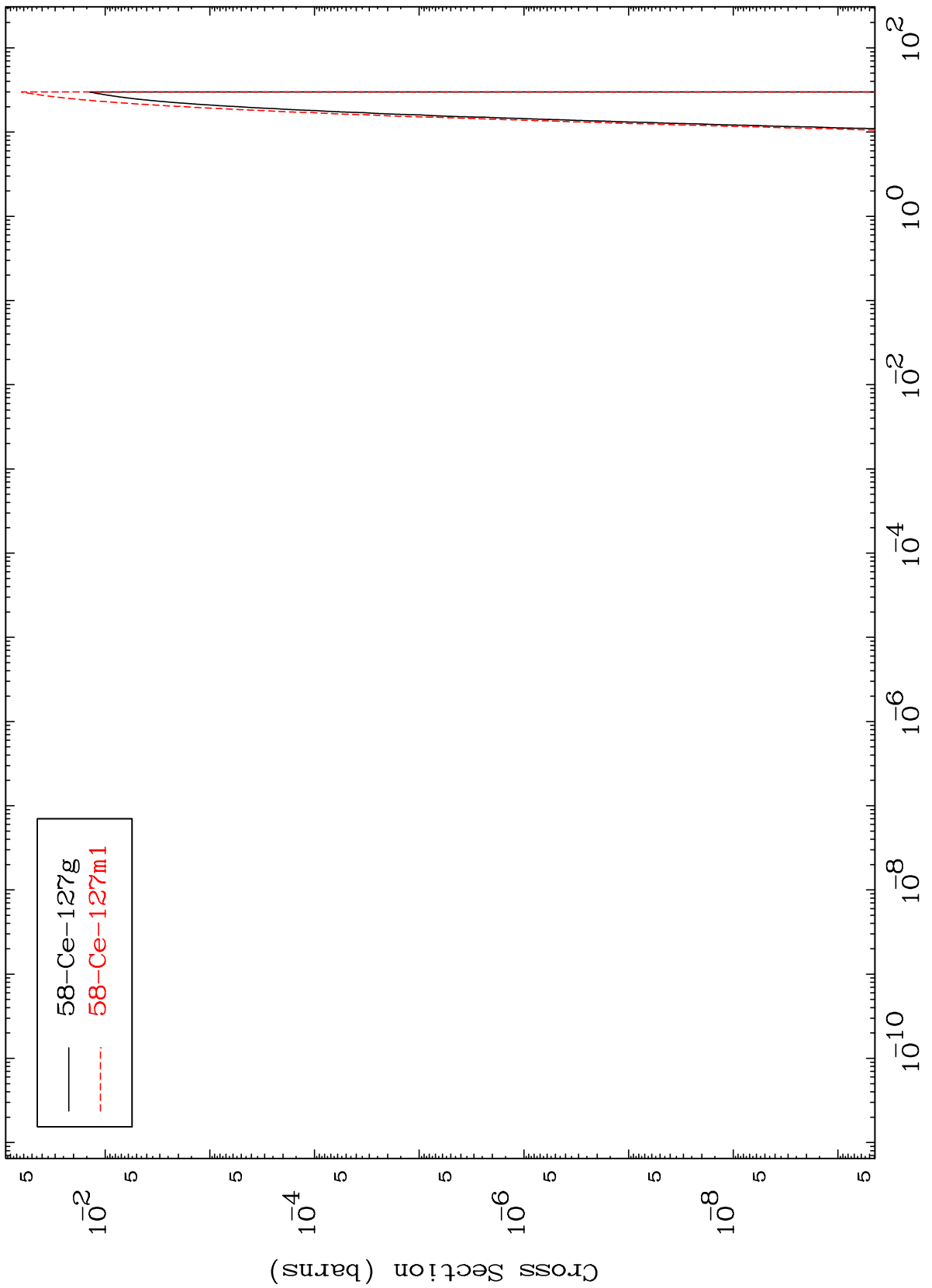
61-Pm-132

MAT 6104

(n,n') p α

61-Pm-132

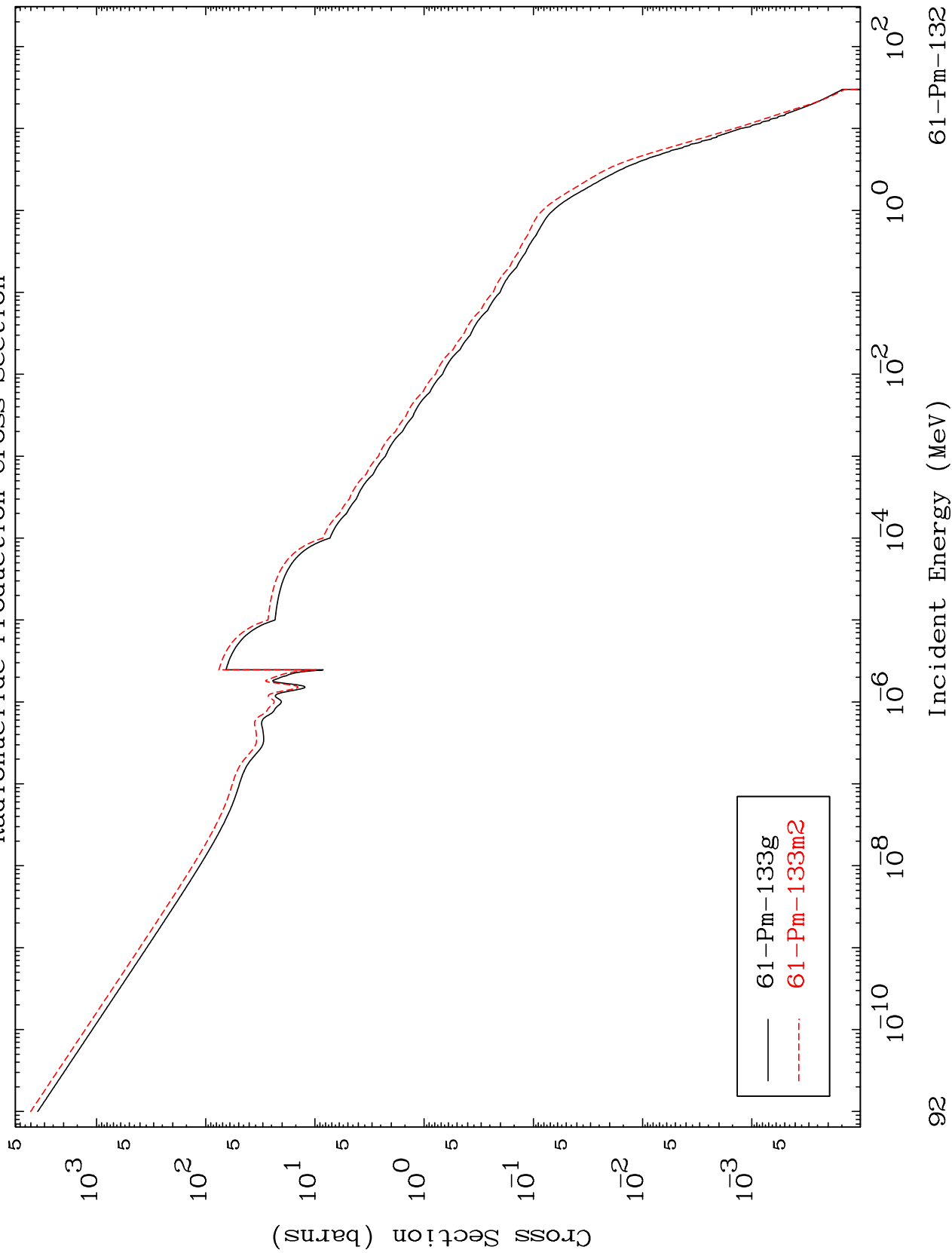
Radionuclide Production Cross Section



MAT 6104

61-Pm-132

Radionuclide Production Cross Section
(n, γ)

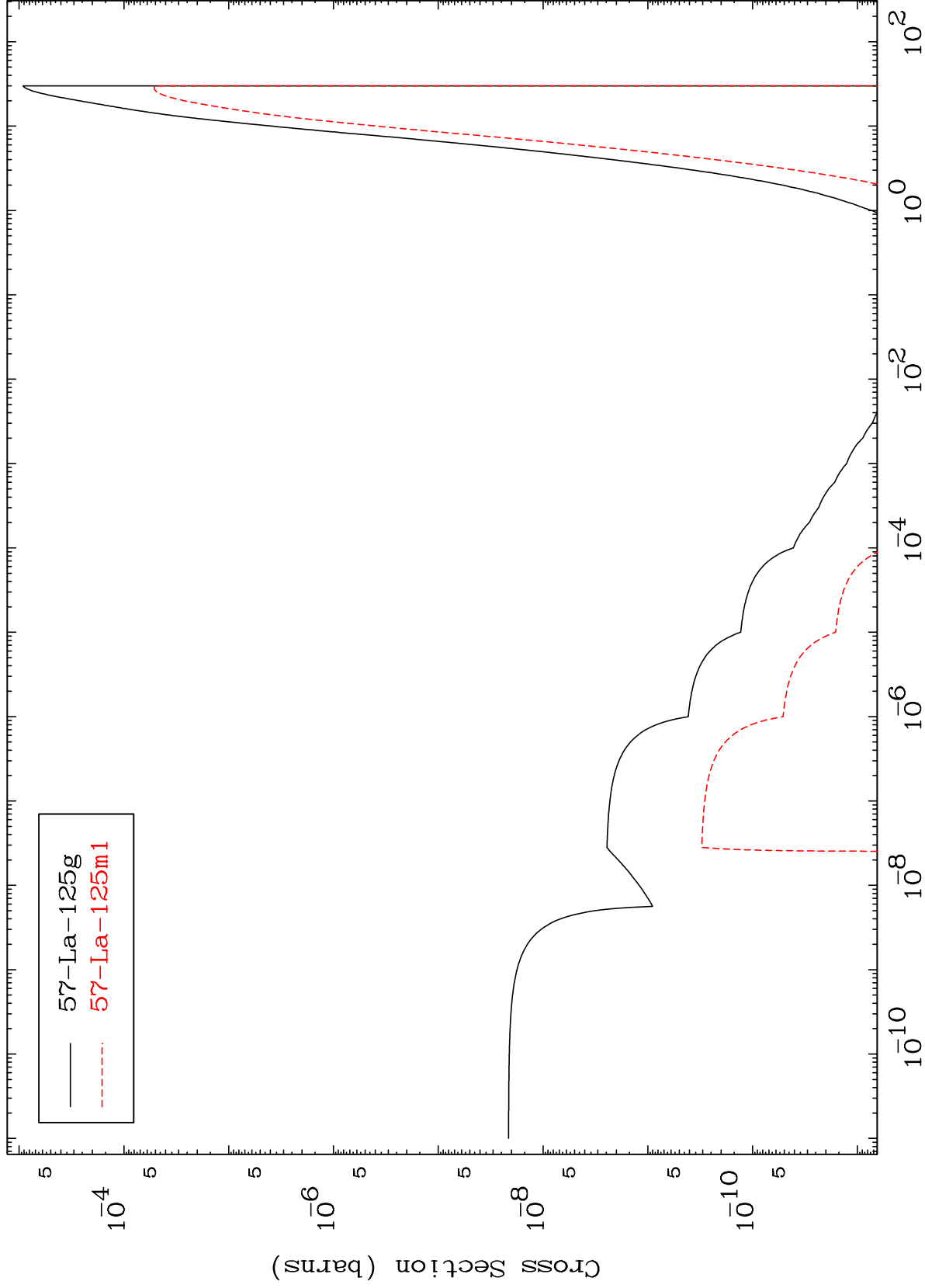


MAT 6104

(n,2α)

61-Pm-132

Radionuclide Production Cross Section



93

Incident Energy (MeV)

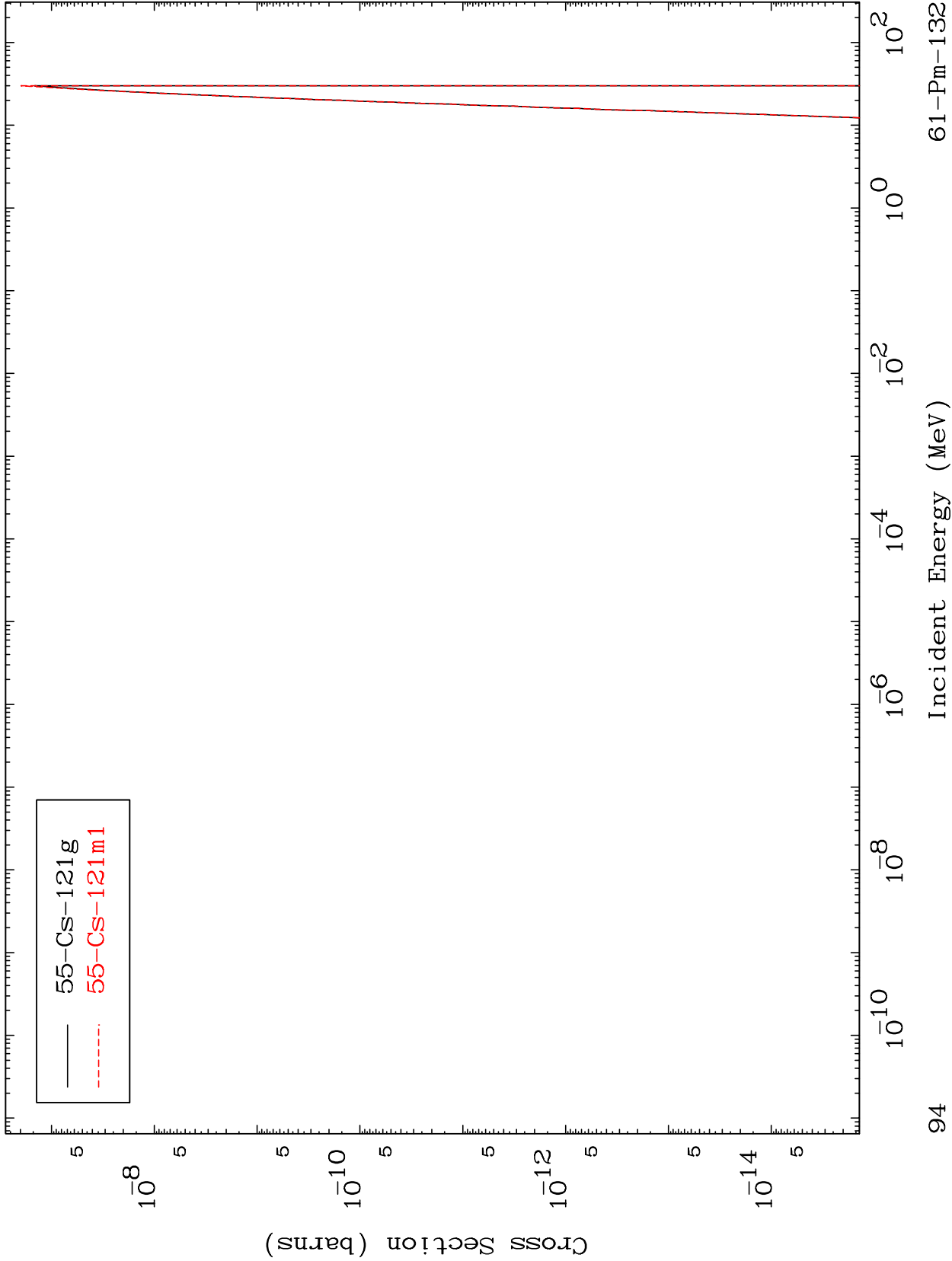
61-Pm-132

MAT 6104

(n, 3α)

61-Pm-132

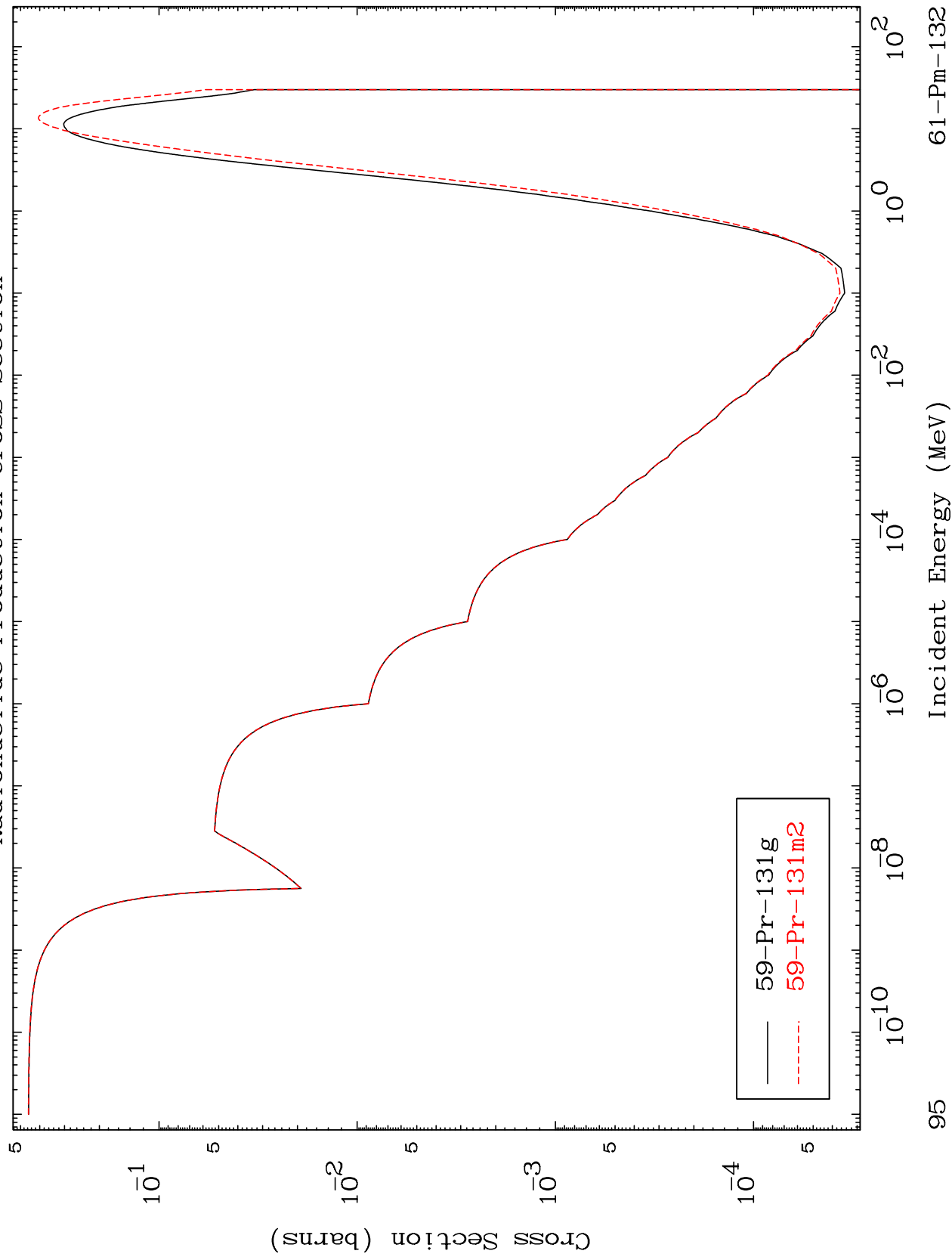
Radionuclide Production Cross Section



MAT 6104

61-Pm-132

(n,2p)
Radionuclide Production Cross Section



MAT 6104

(n,d) α

61-Pm-132

Radionuclide Production Cross Section

