

Program EVALPLOT
(Version 2021-1)

by

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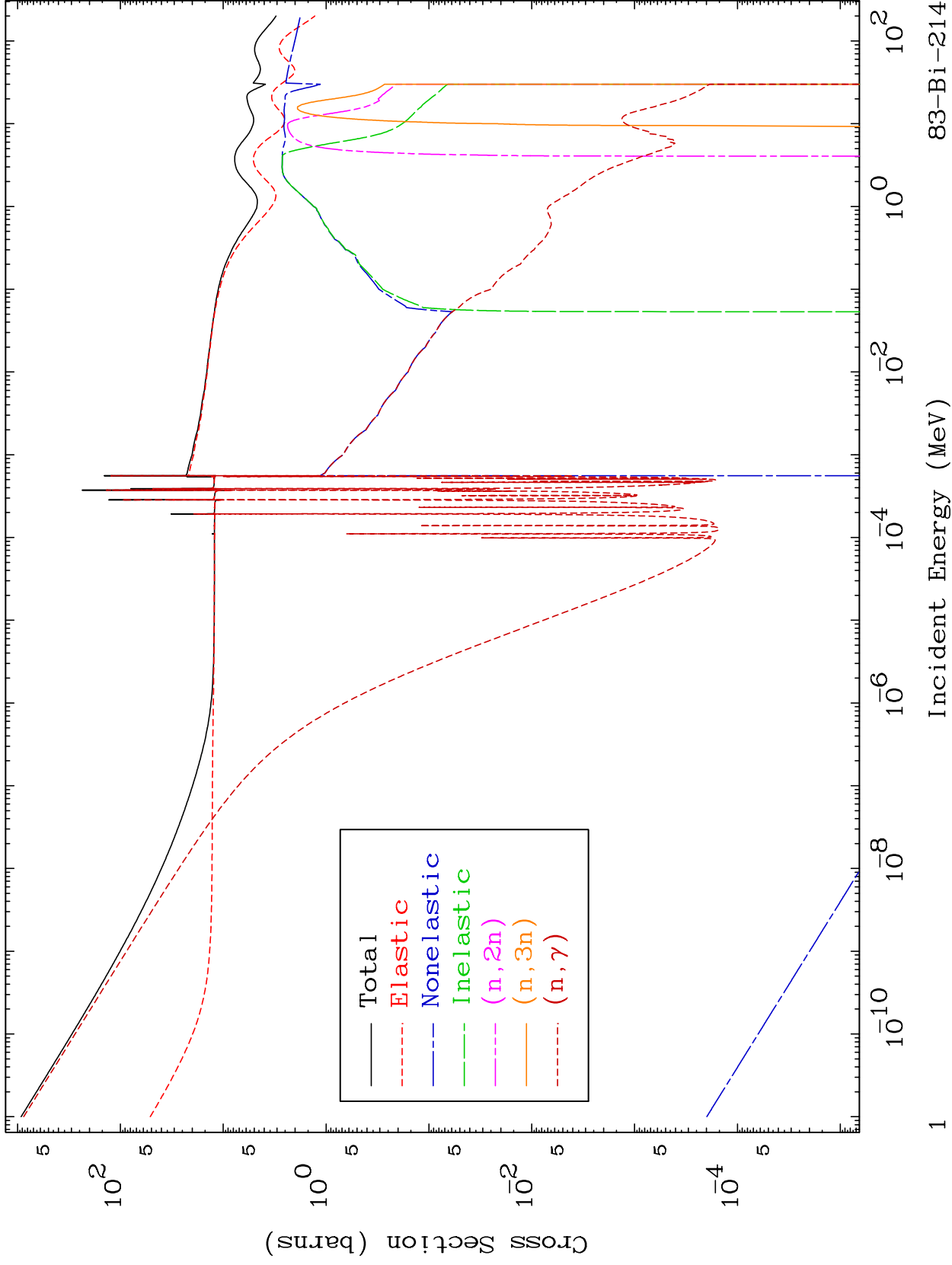
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Press Mouse Button to Start

MAT 8340

Neutron Major
293 Kelvin Cross Sections

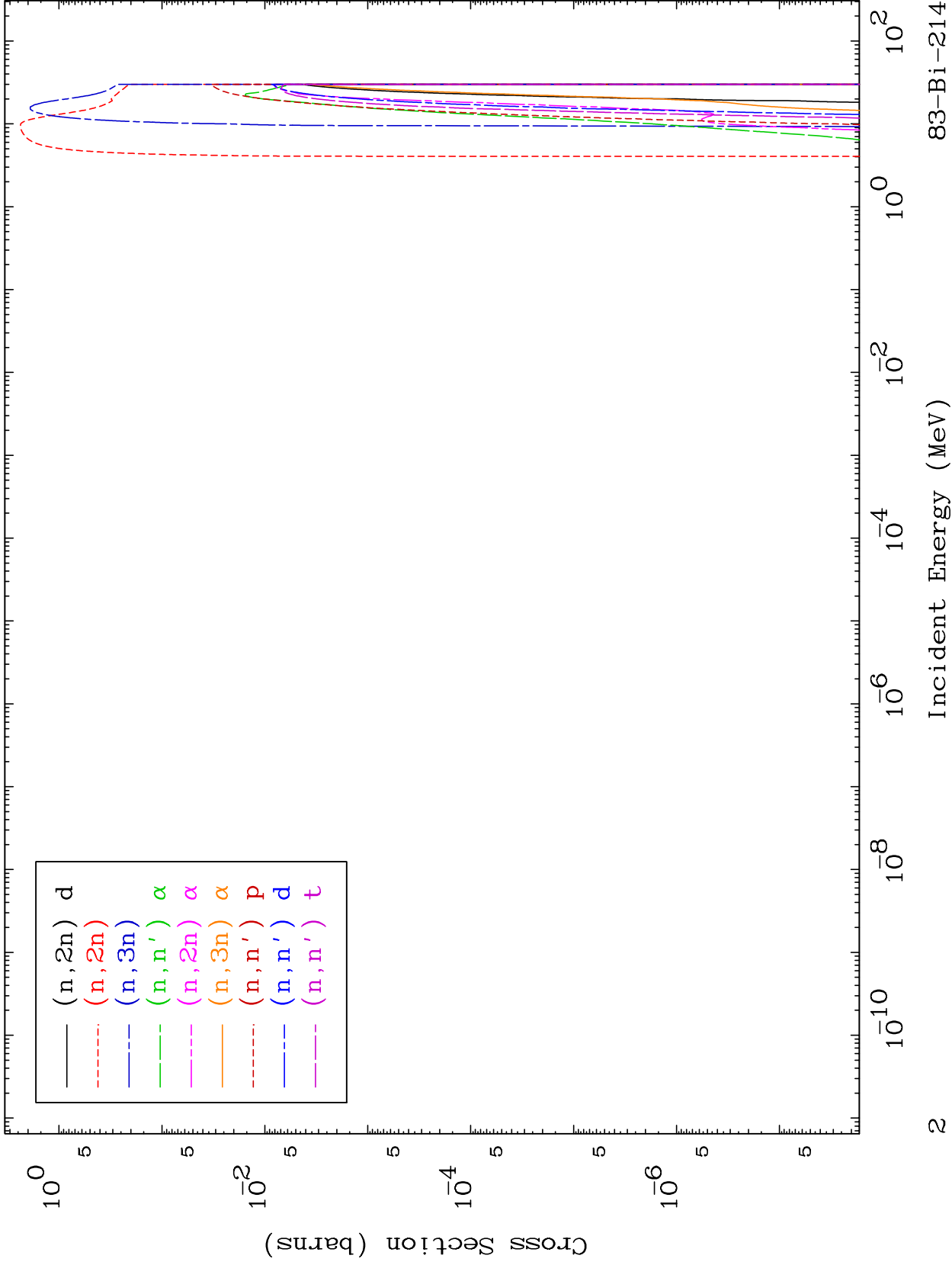
83-Bi-214



MAT 8340

Neutron Absorption
293 Kelvin Cross Sections

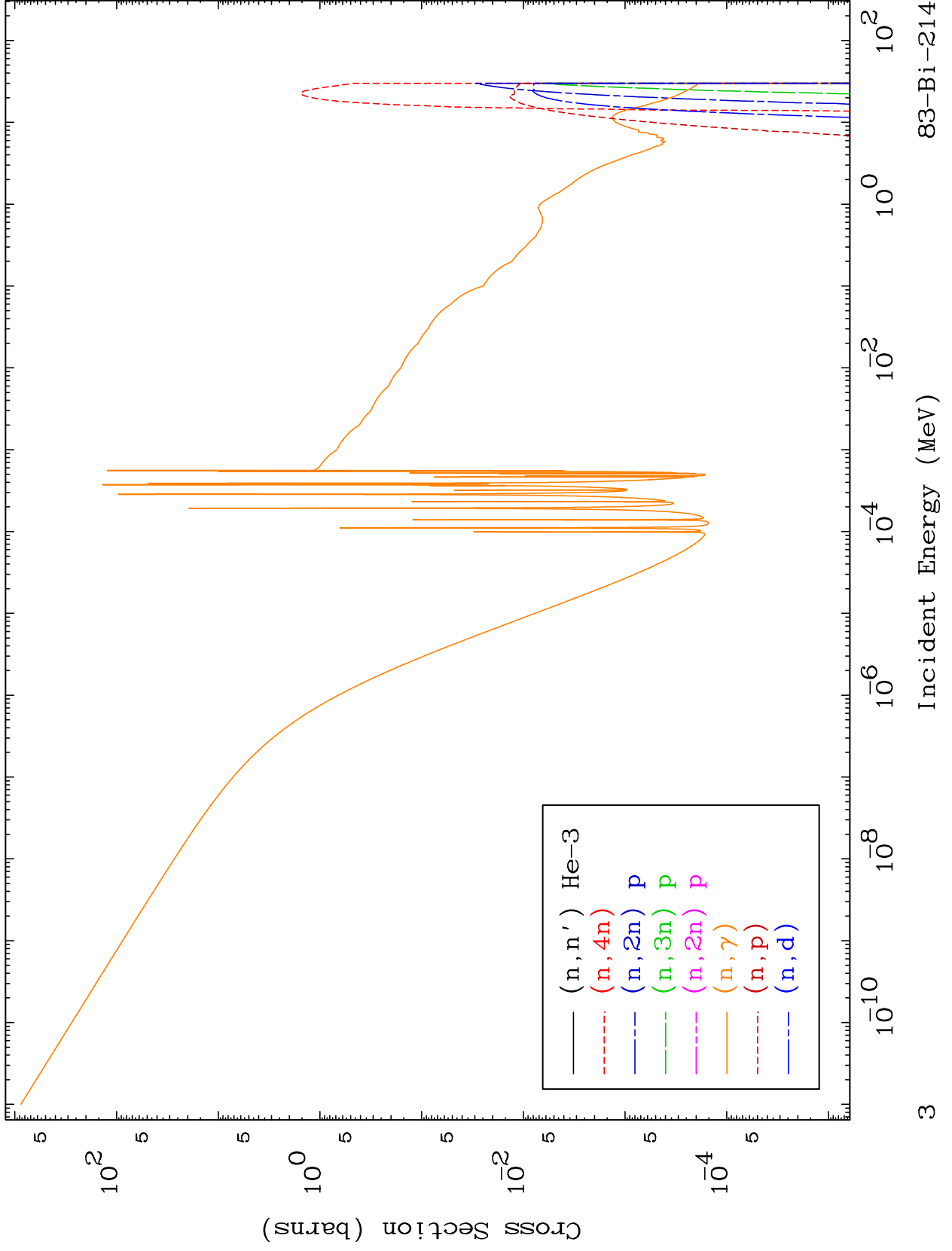
83-Bi-214



MAT 8340

Neutron Absorption
293 Kelvin Cross Sections

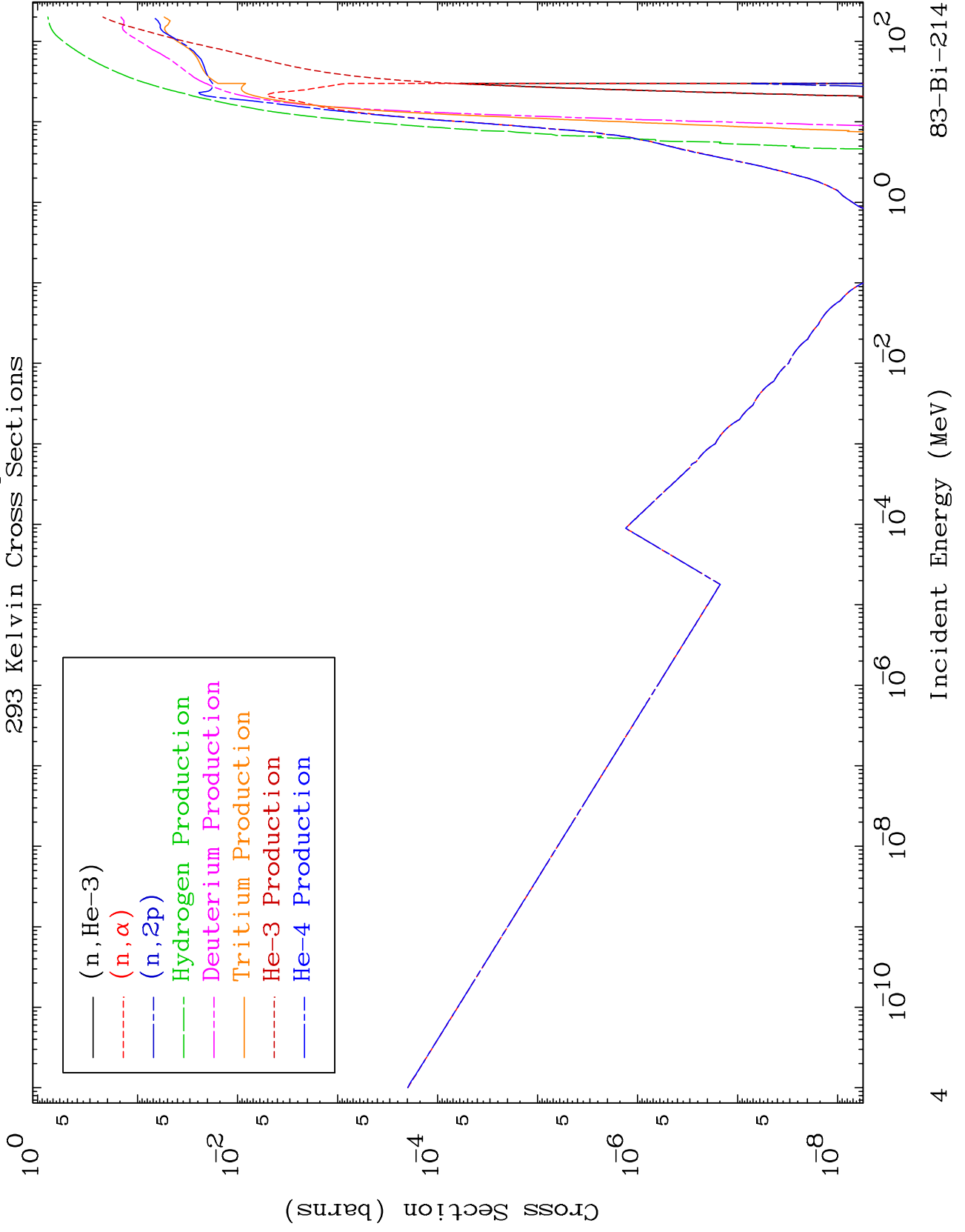
83-Bi-214



MAT 8340

Neutron Absorption
293 Kelvin Cross Sections

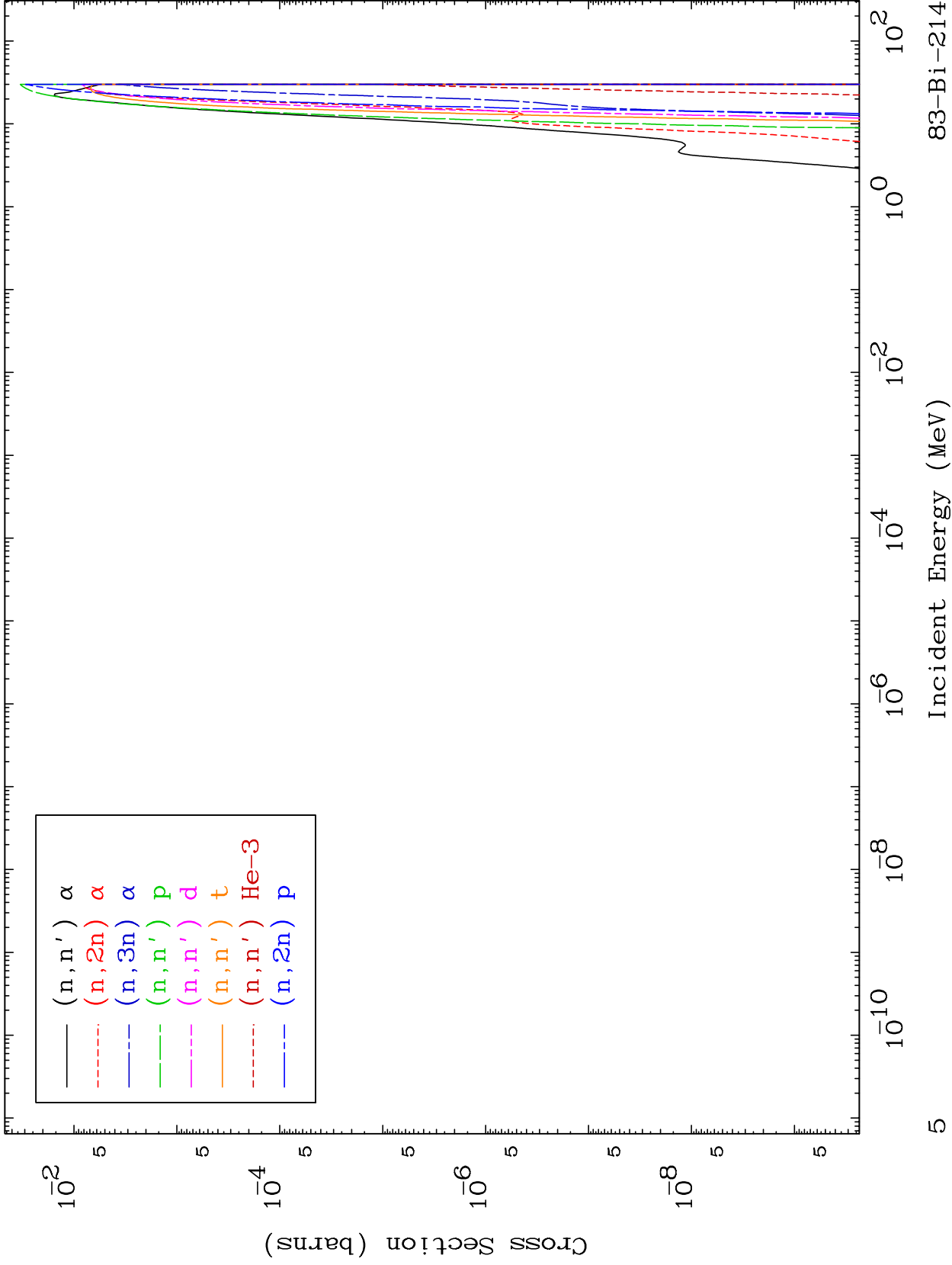
83-Bi-214



MAT 8340

Charged Particle
293 Kelvin Cross Sections

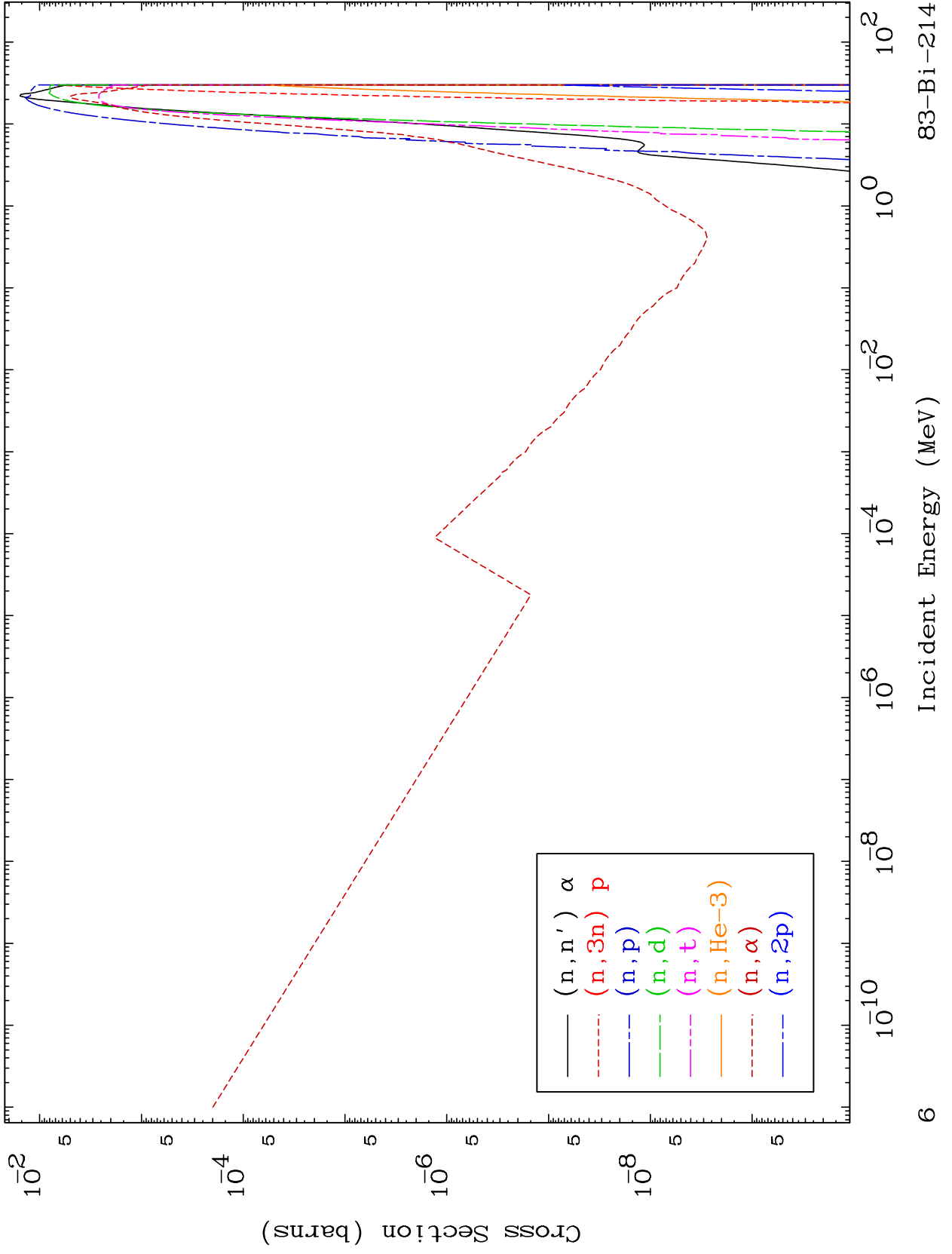
83-Bi-214



MAT 8340

Charged Particle
293 Kelvin Cross Sections

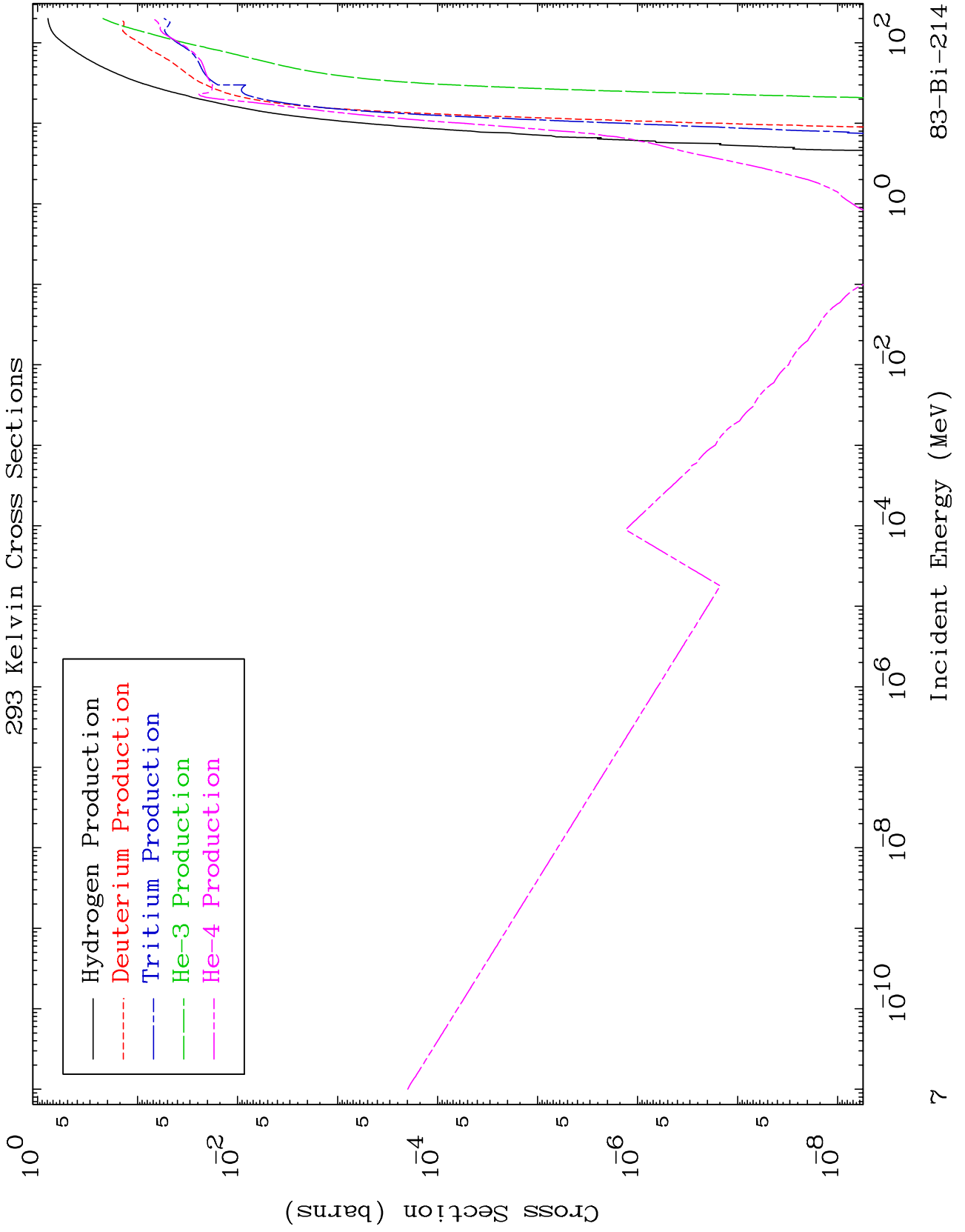
83-Bi-214



MAT 8340

Particle Production
293 Kelvin Cross Sections

83-Bi-214

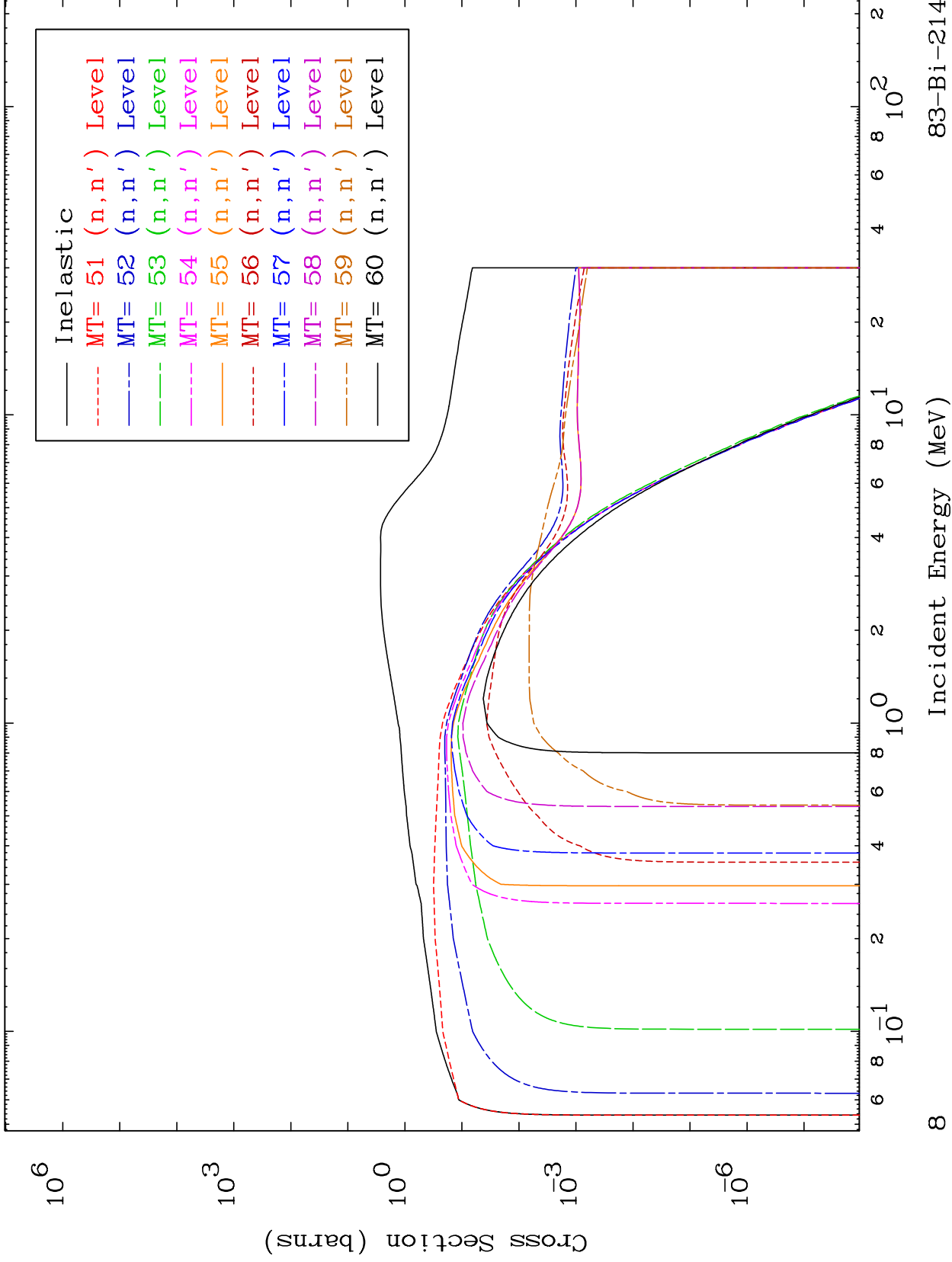


MAT 8340

(n,n') Levels

83-Bi-214

293 Kelvin Cross Sections



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Incident Energy (MeV)

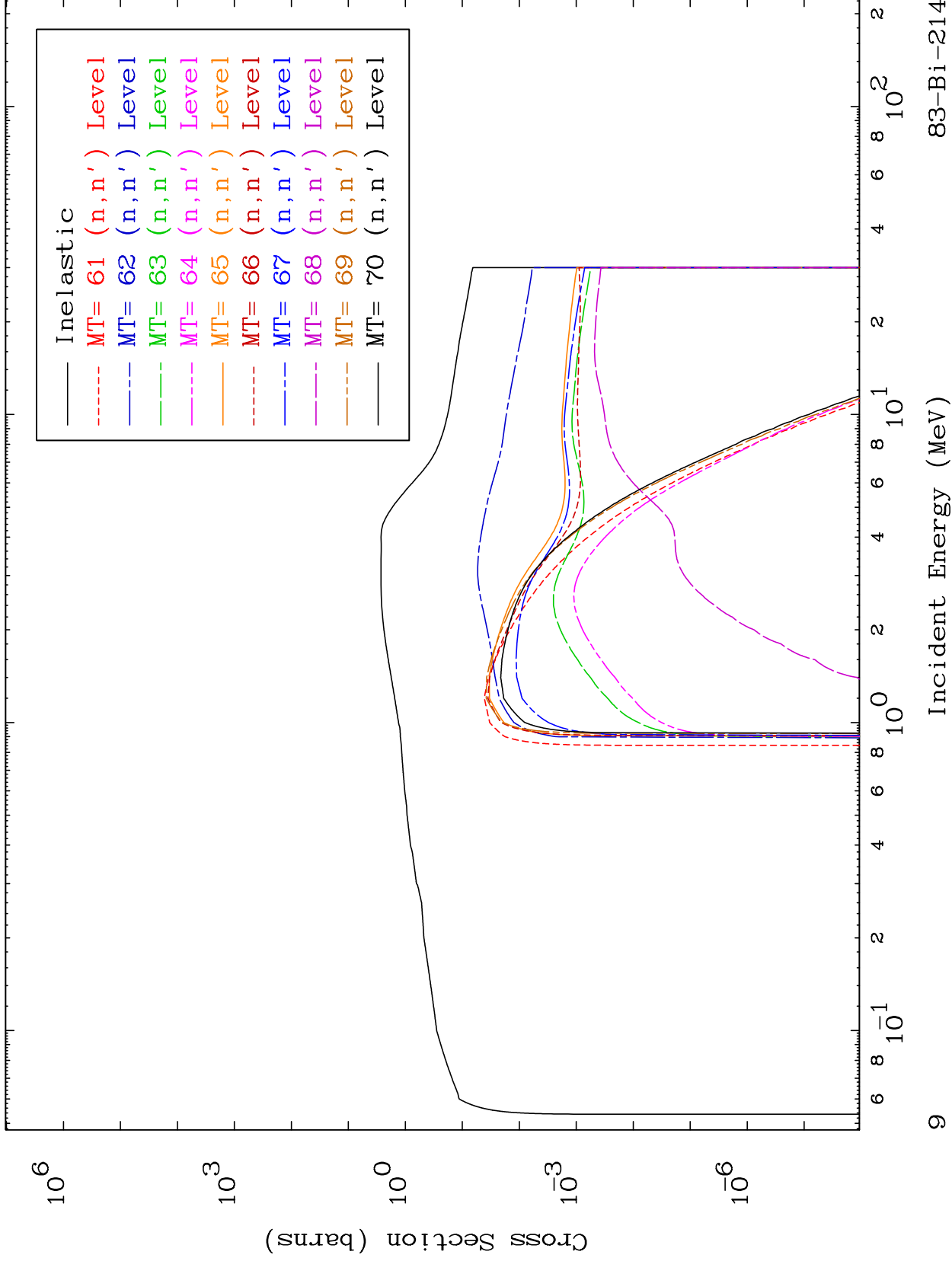
83-Bi-214

MAT 8340

(n,n') Levels

83-Bi-214

293 Kelvin Cross Sections

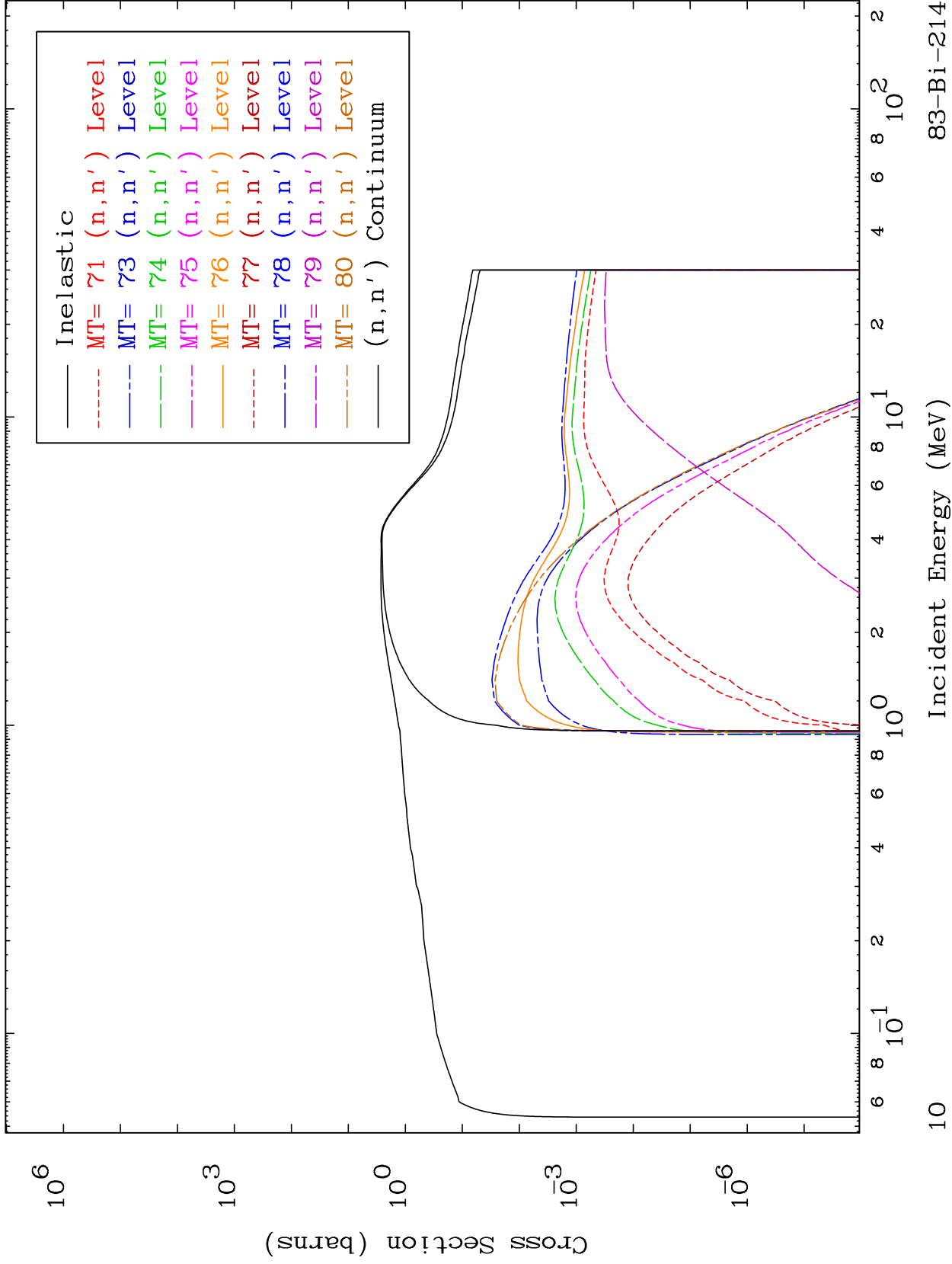


MAT 8340

(n,n') Levels

293 Kelvin Cross Sections

83-Bi-214



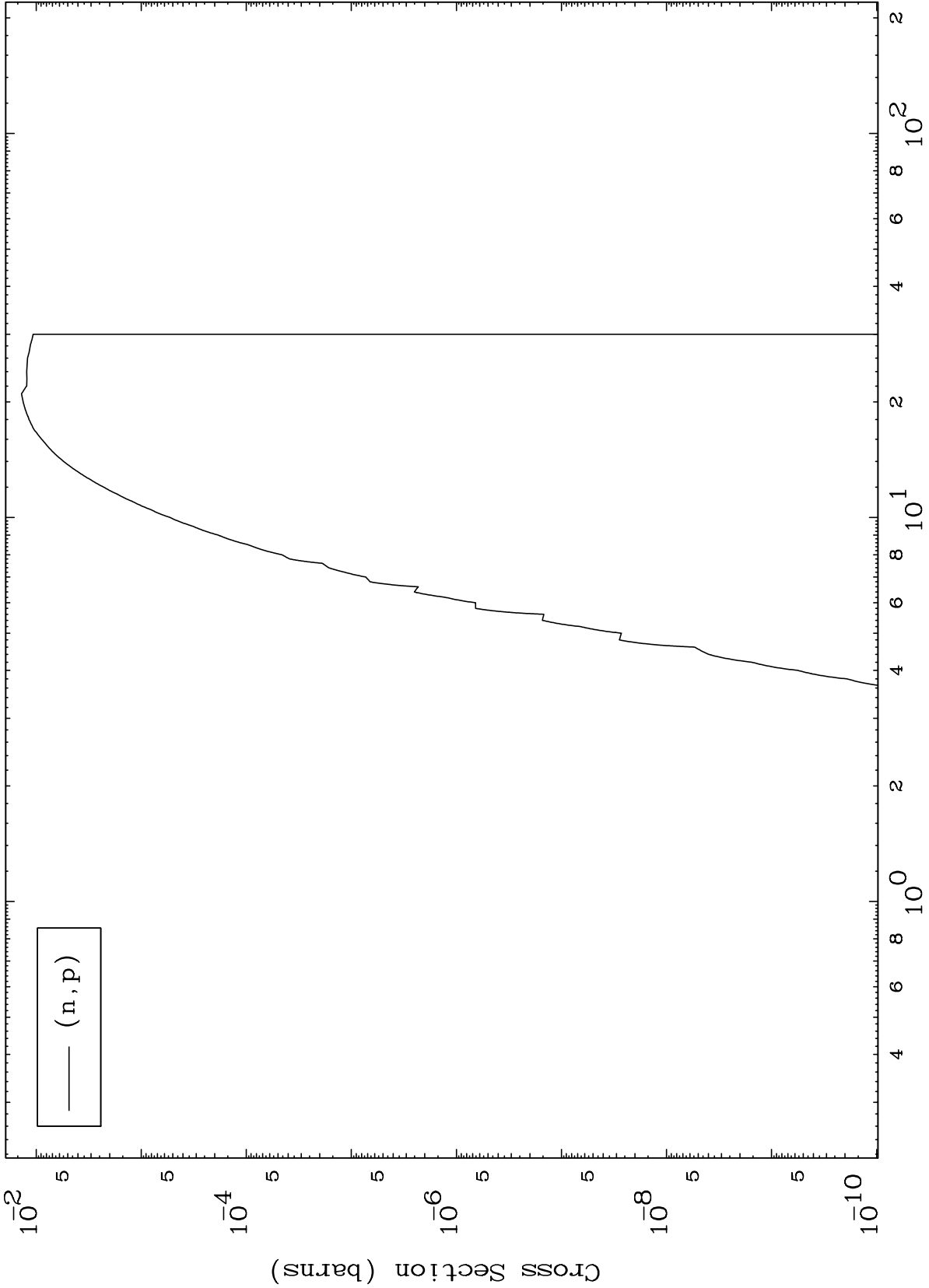
10

MAT 8340

(n,p) Levels

83-Bi-214

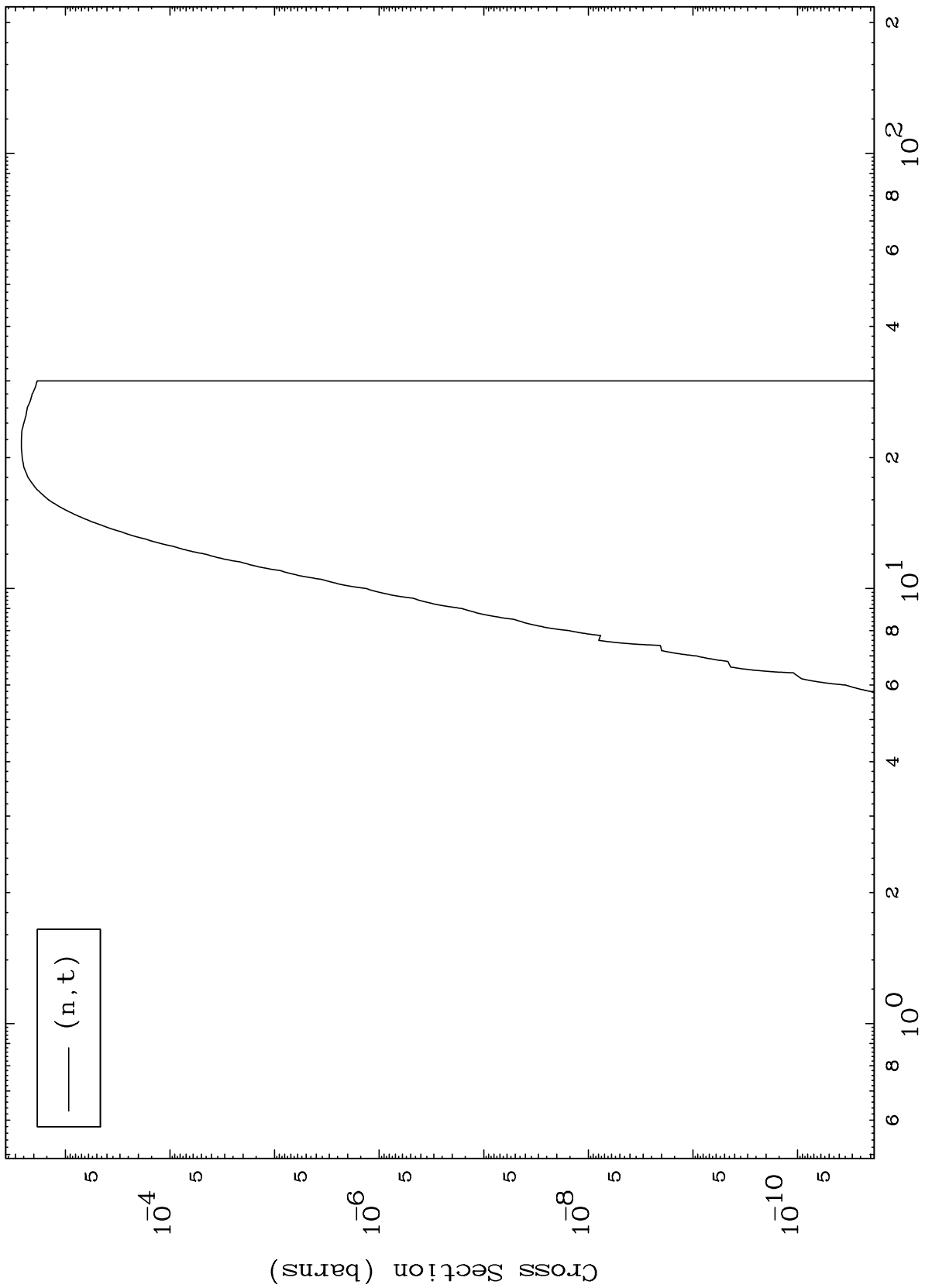
293 Kelvin Cross Sections



MAT 8340

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-214



13

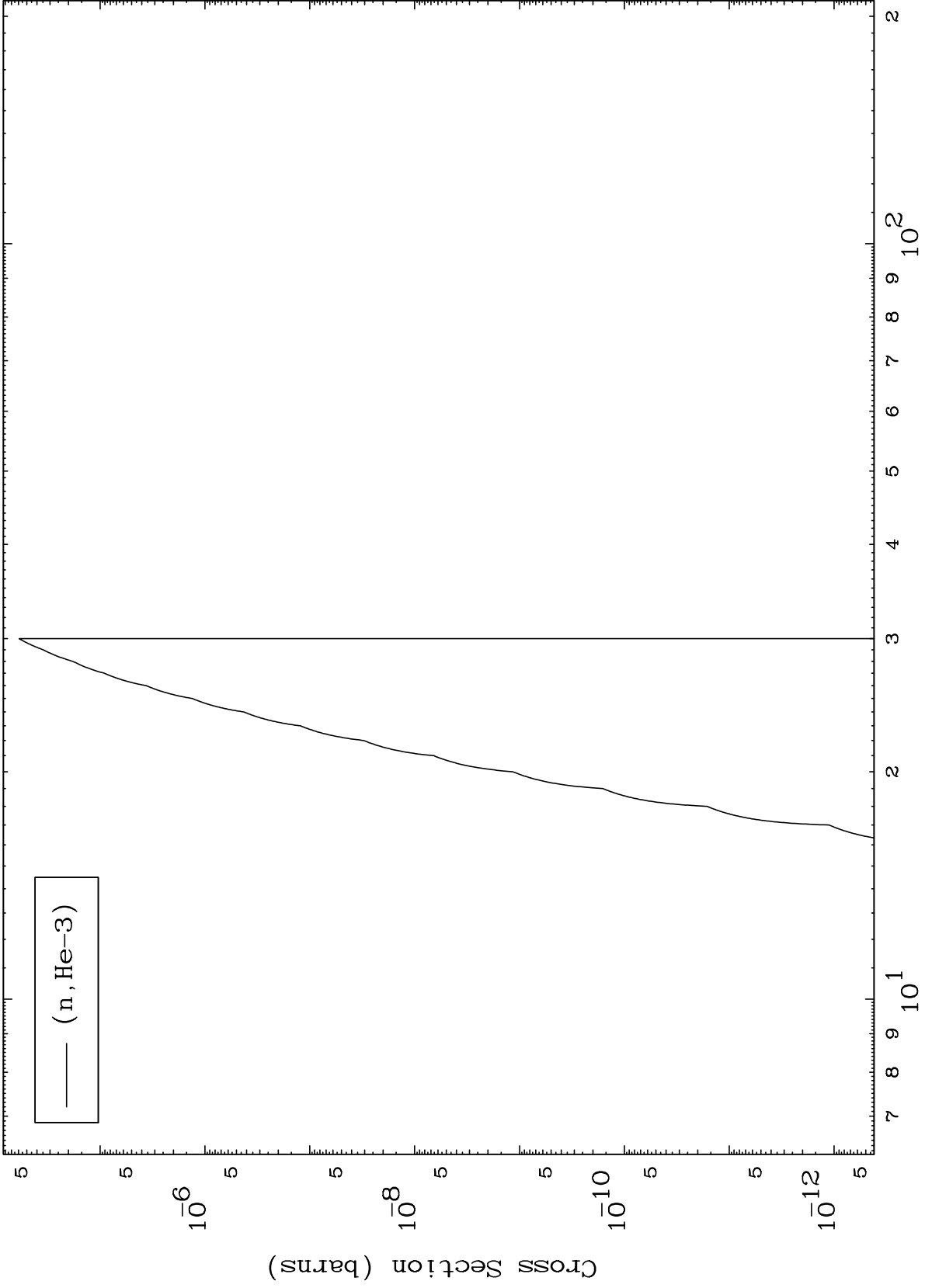
Incident Energy (MeV)

83-Bi-214

MAT 8340

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-214



14

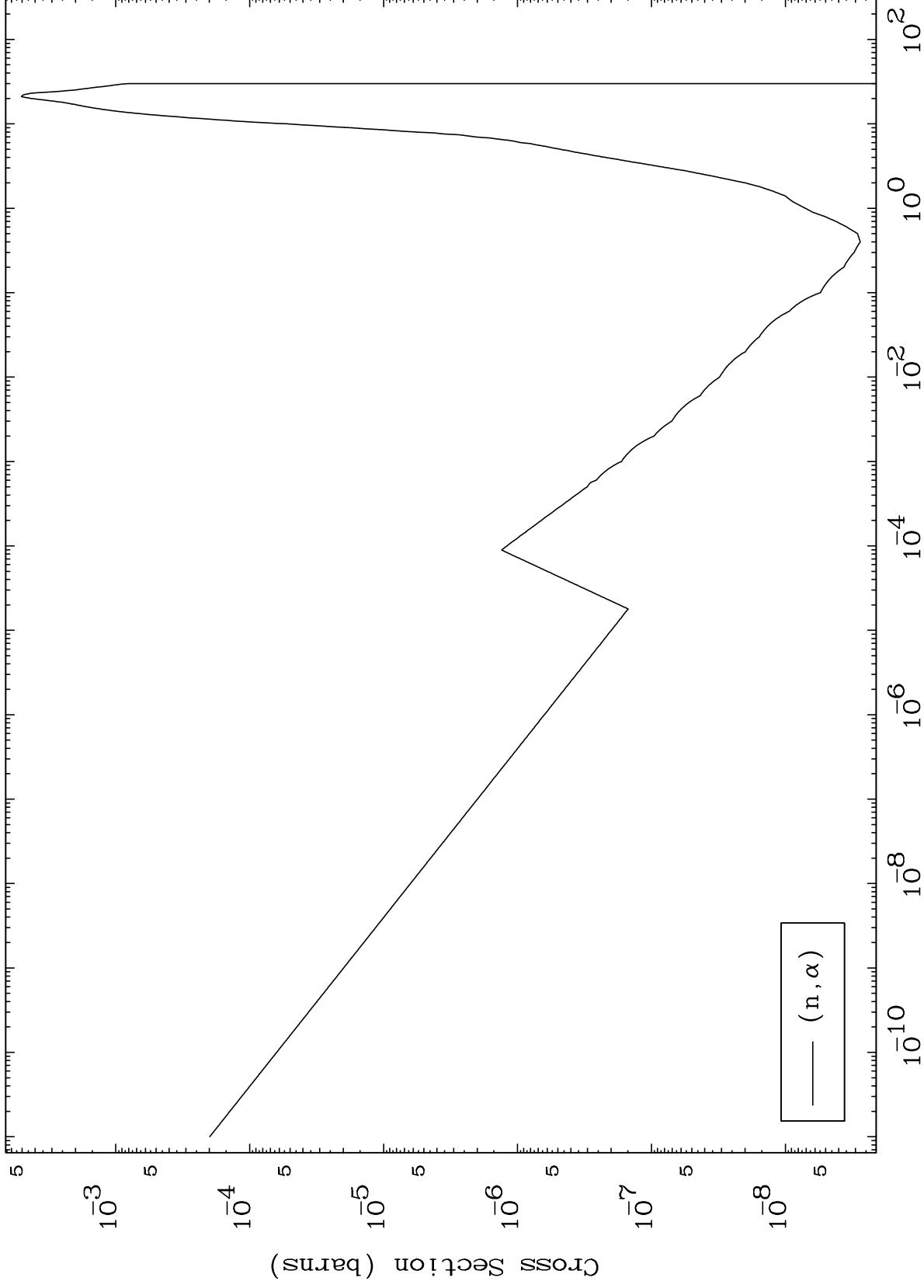
Incident Energy (MeV)

83-Bi-214

MAT 8340

(n, α) Levels
293 Kelvin Cross Sections

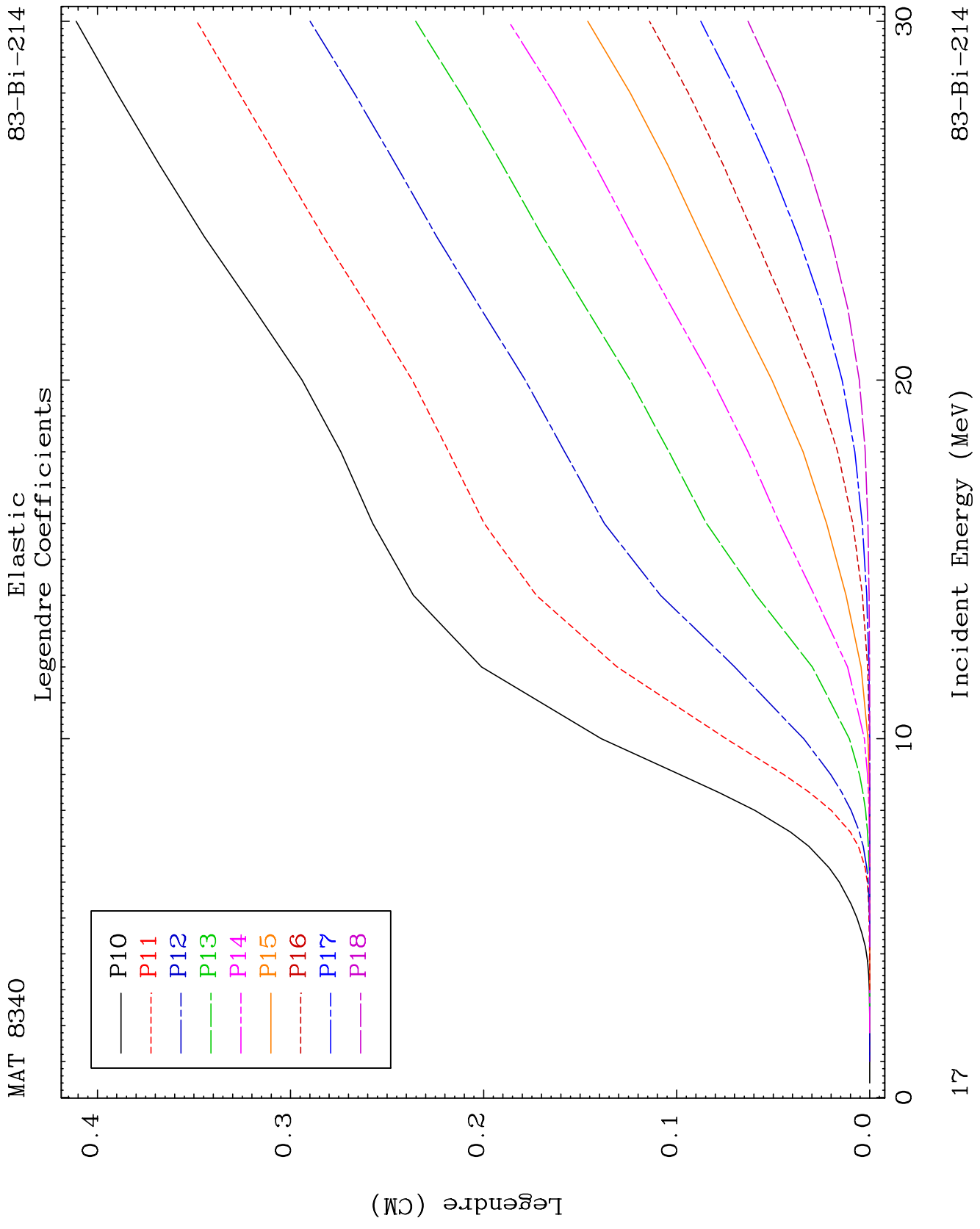
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Incident Energy (MeV)

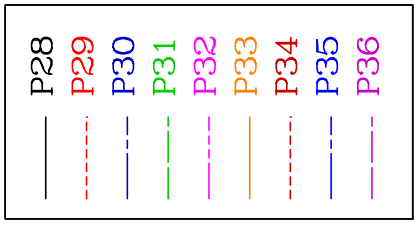
83-Bi-214



MAT 8340

Elastic Legendre Coefficients

83-Bi-214



$\times 10^{-5}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

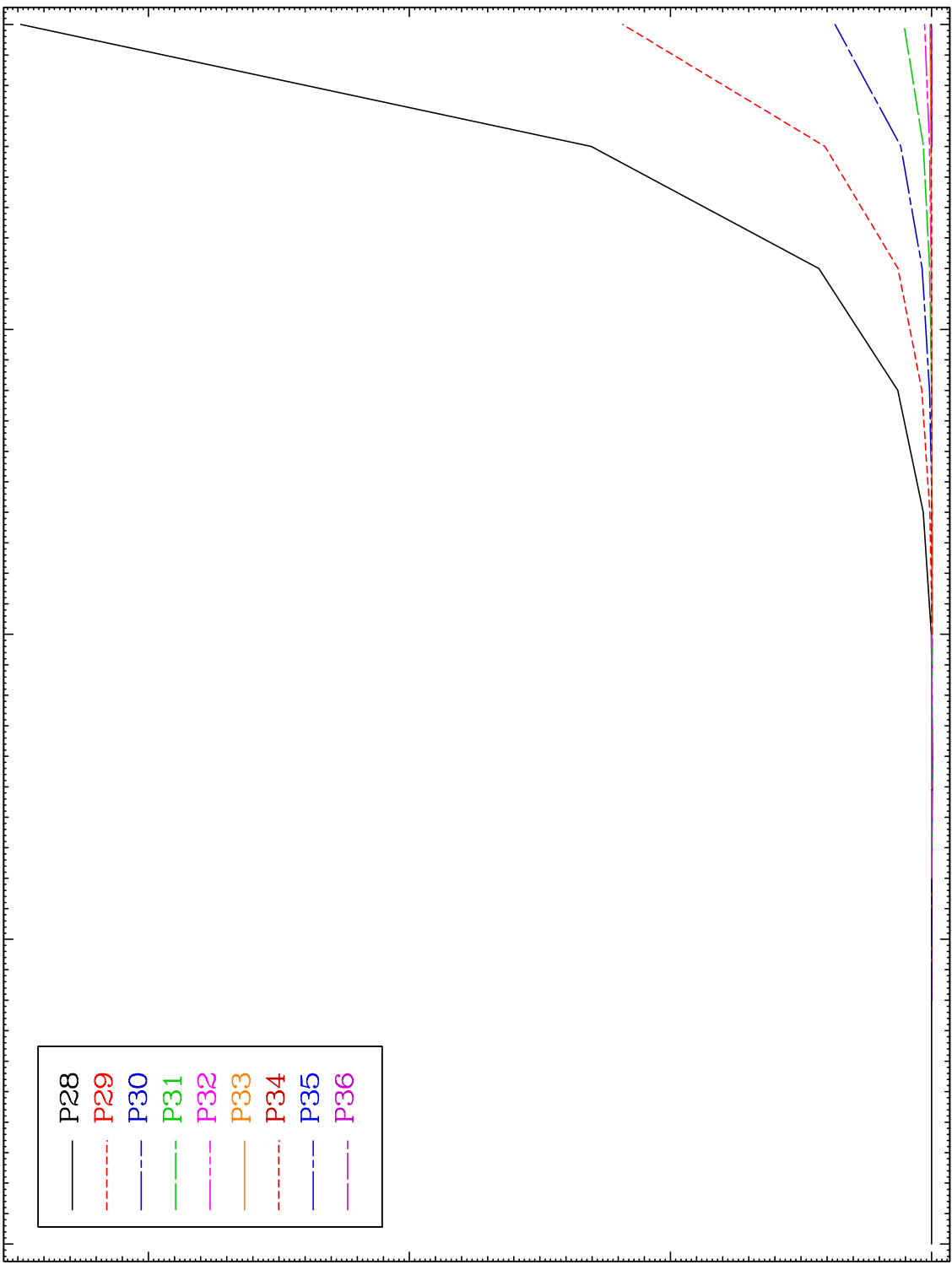
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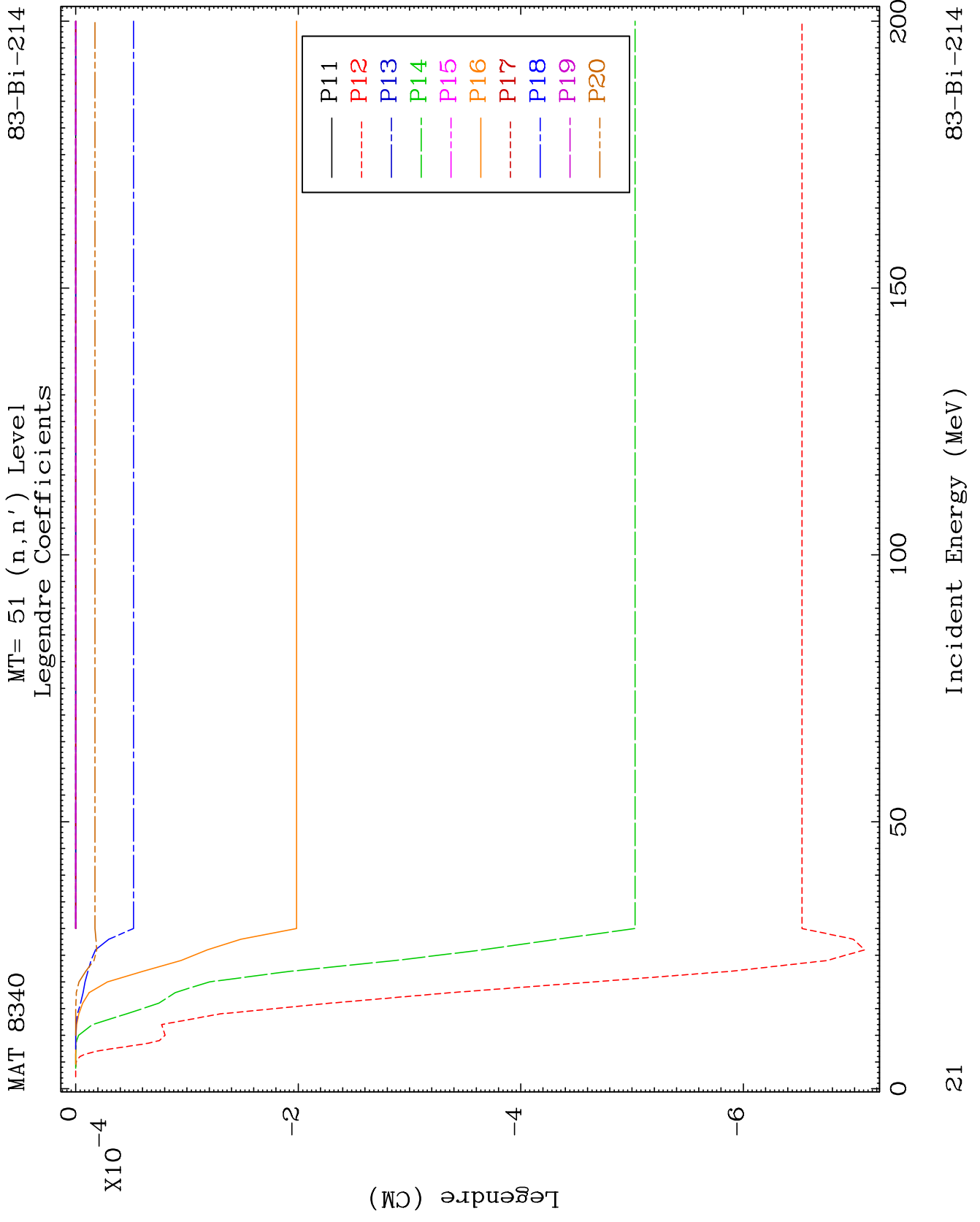
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19

Incident Energy (MeV)

83-Bi-214

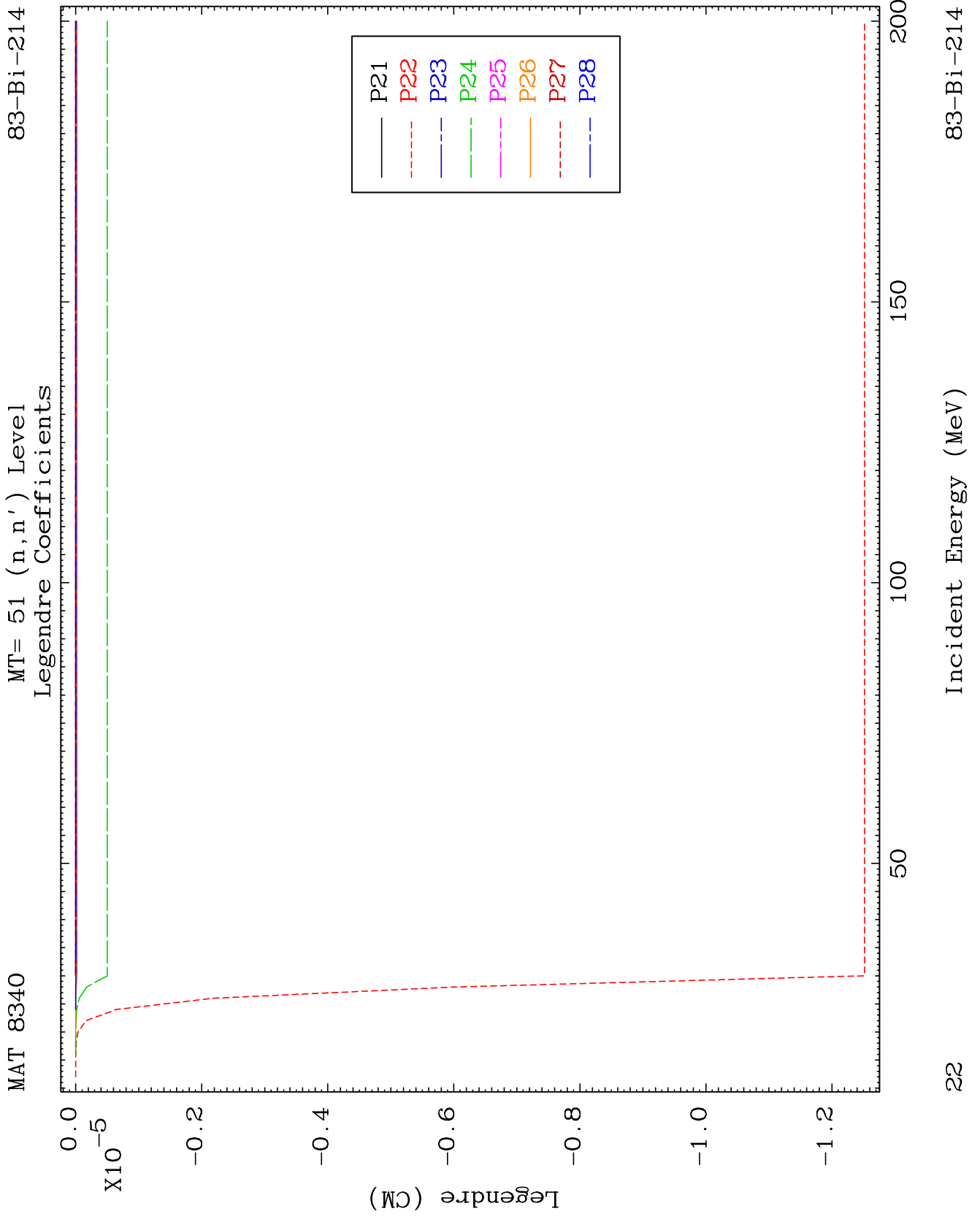


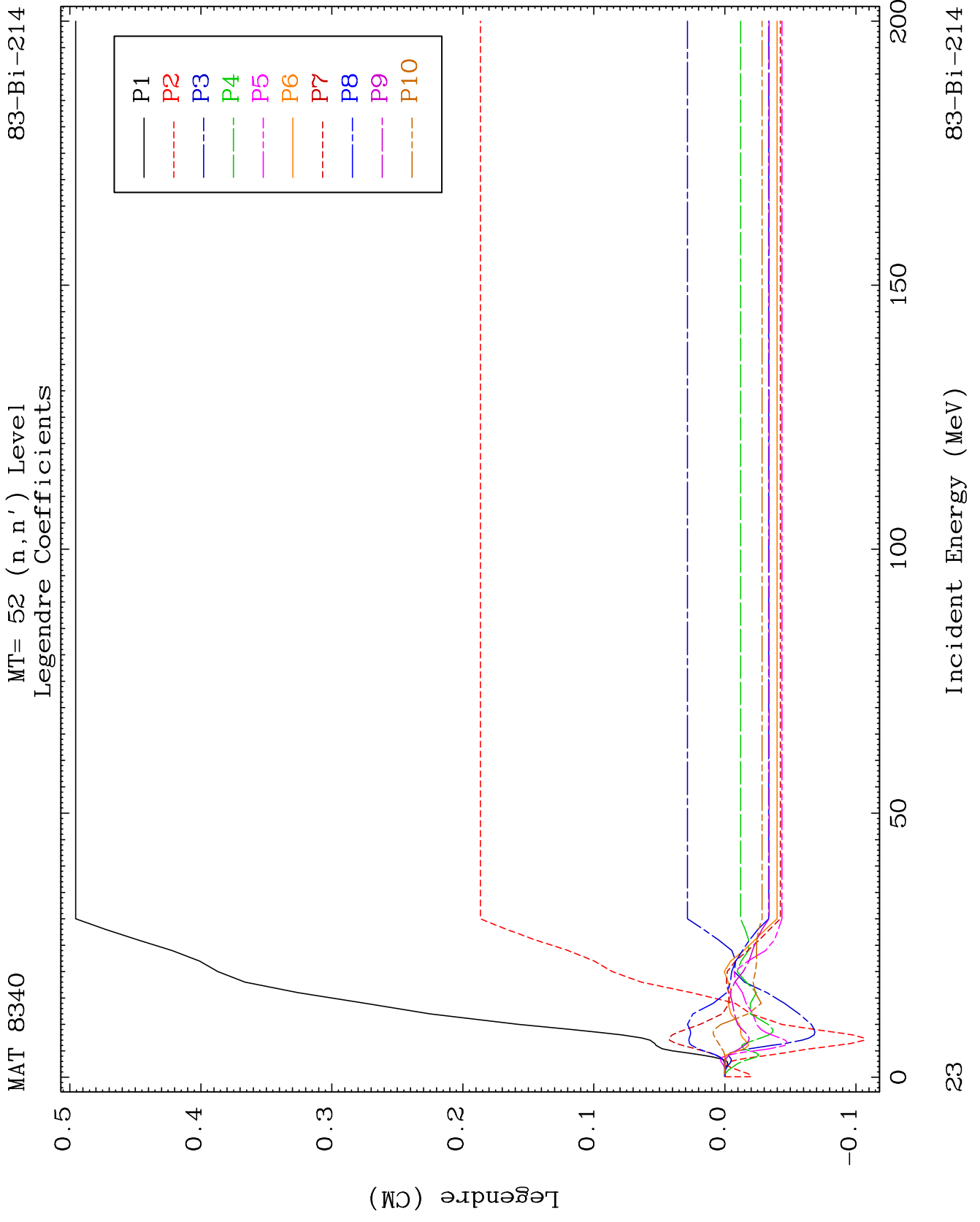


83-Bi-214

Incident Energy (MeV)

21

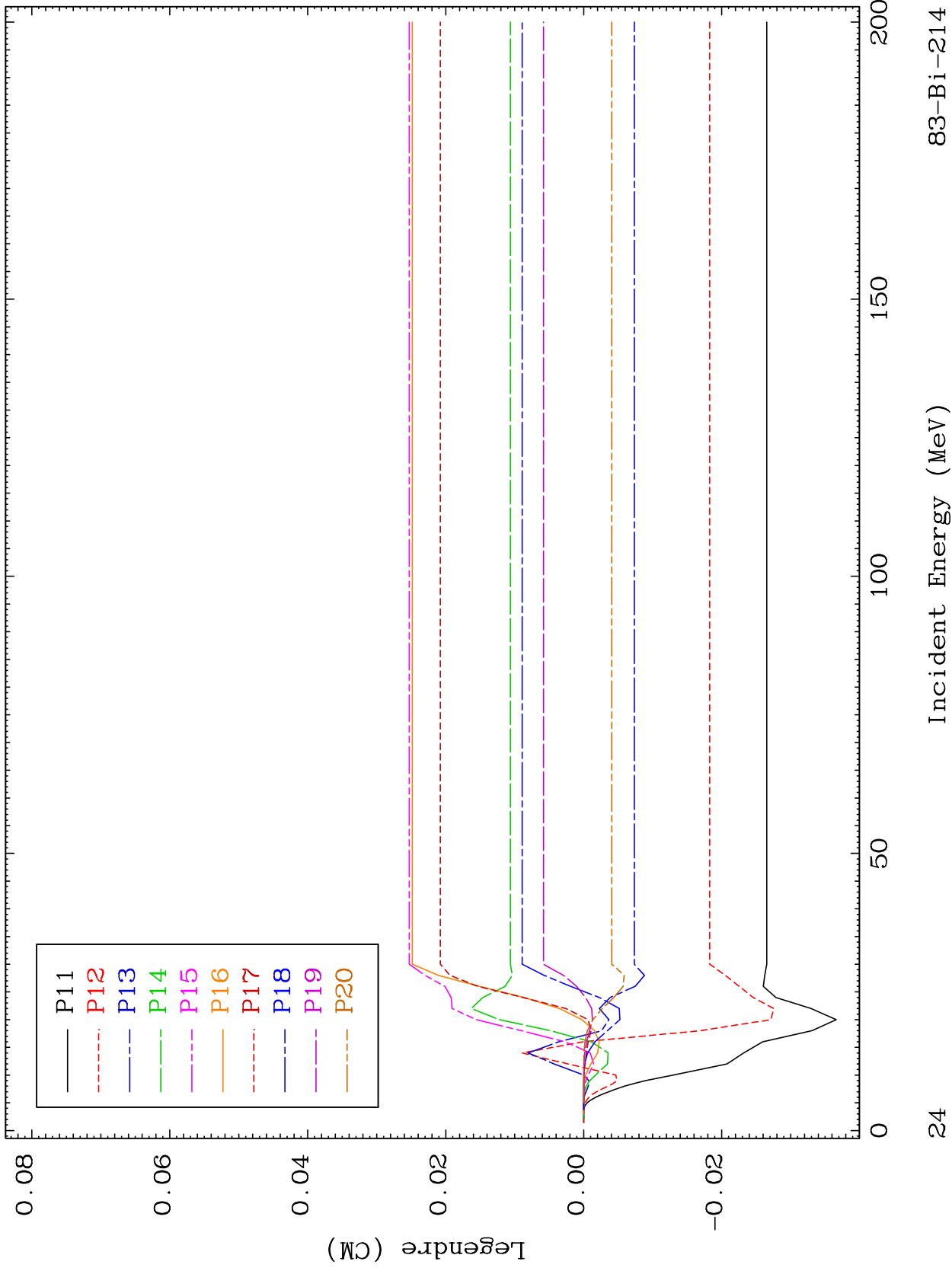




MAT 8340

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

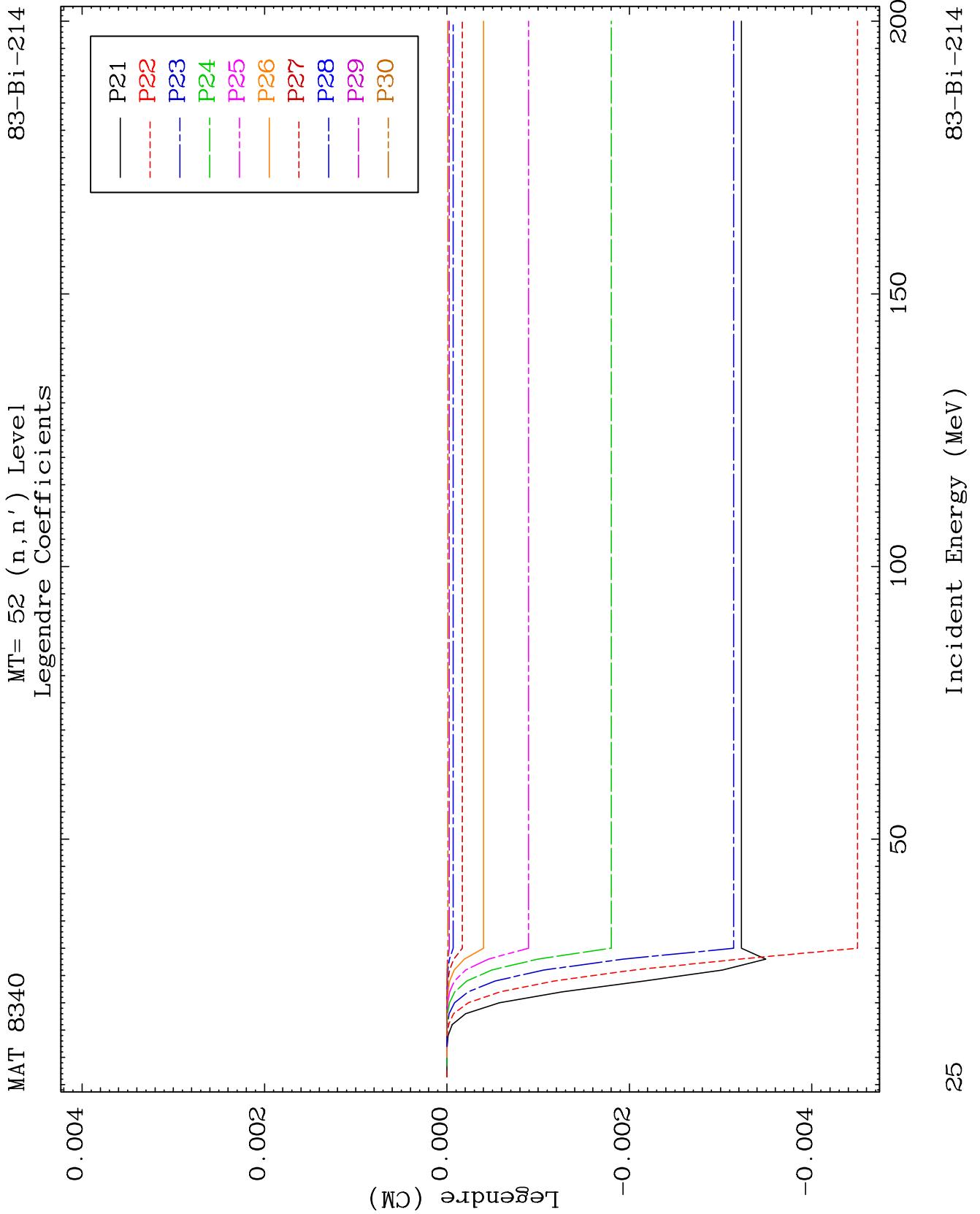
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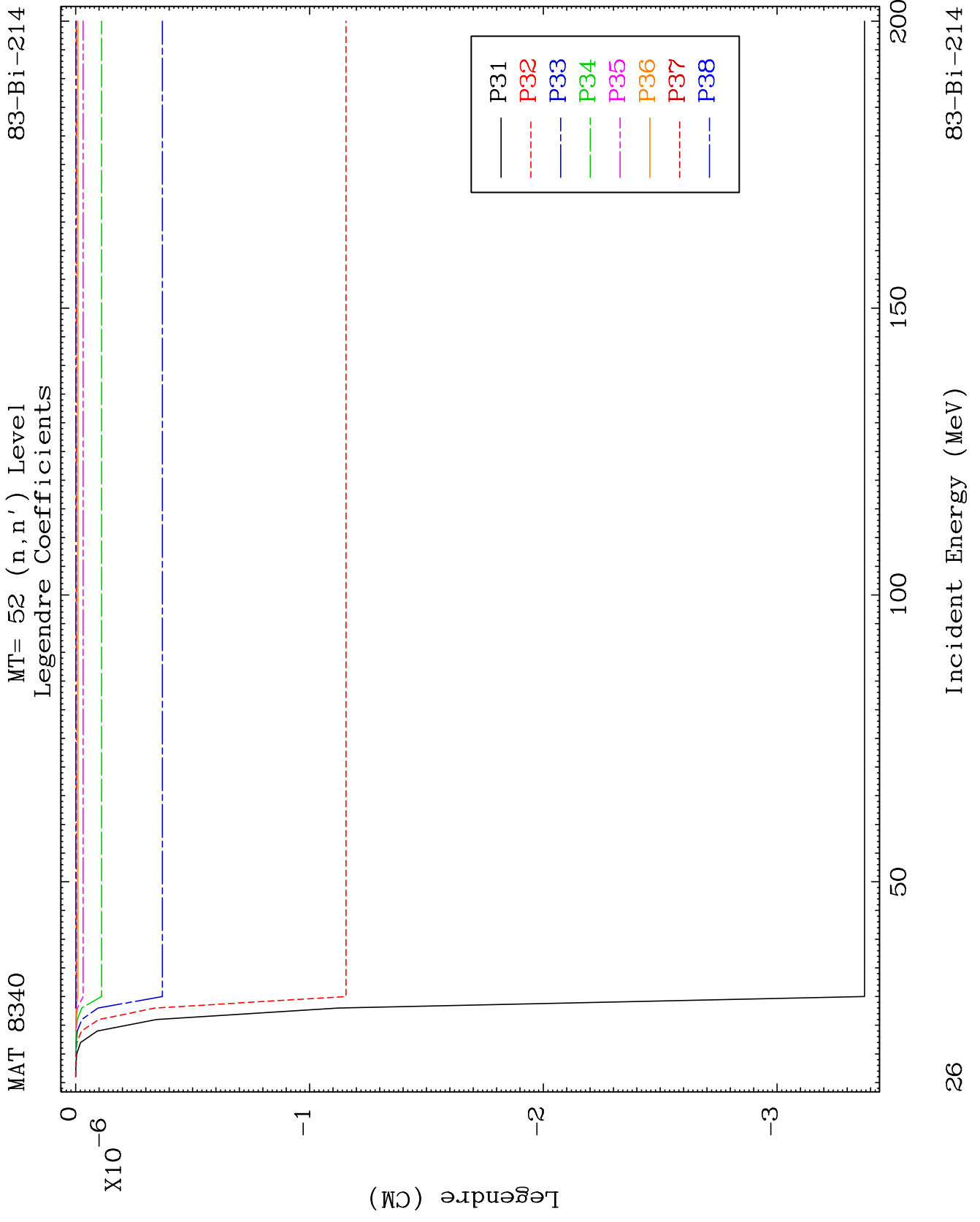


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Incident Energy (MeV)

83-Bi-214

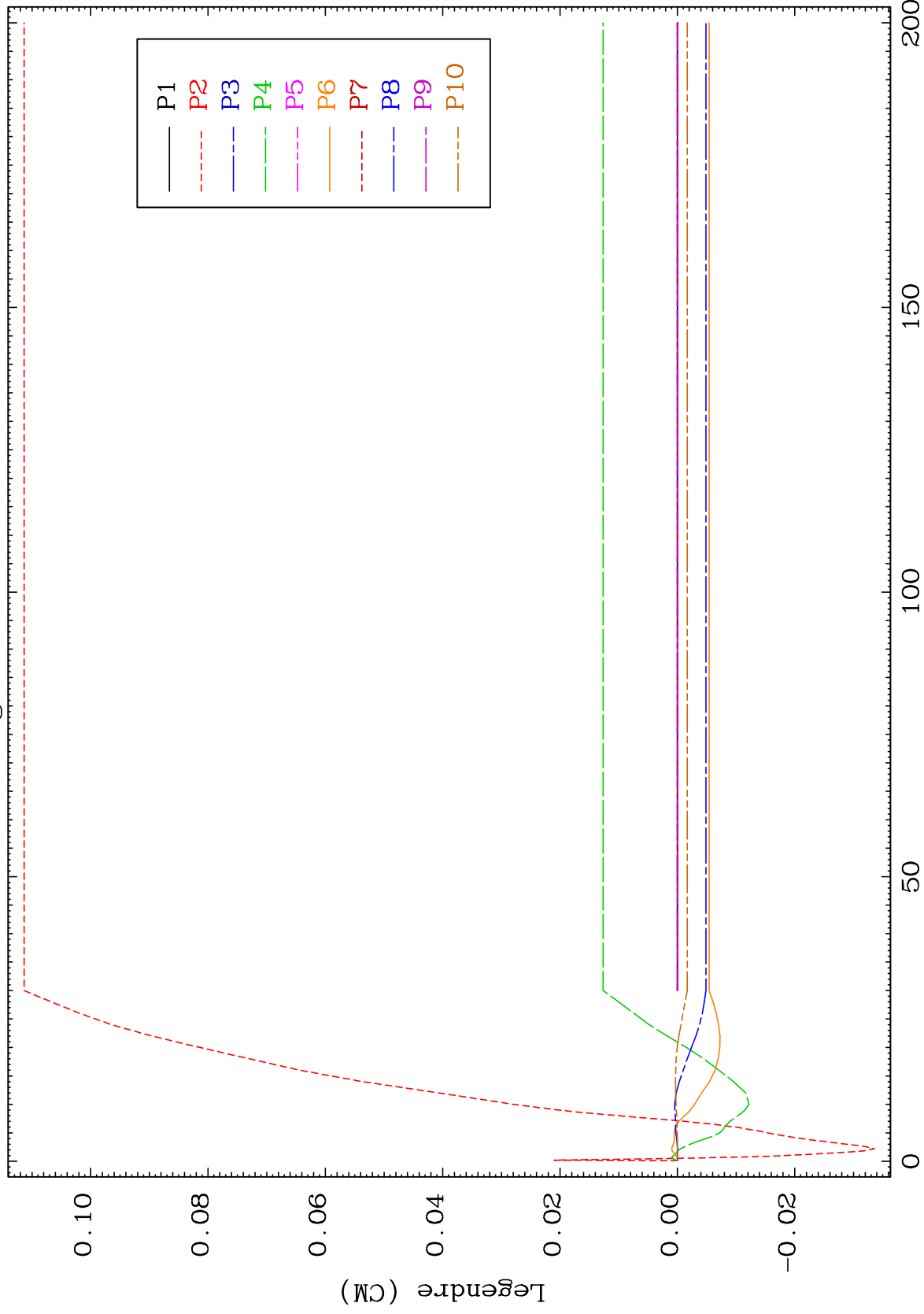




MAT 8340

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

83-Bi-214



27

Incident Energy (MeV)

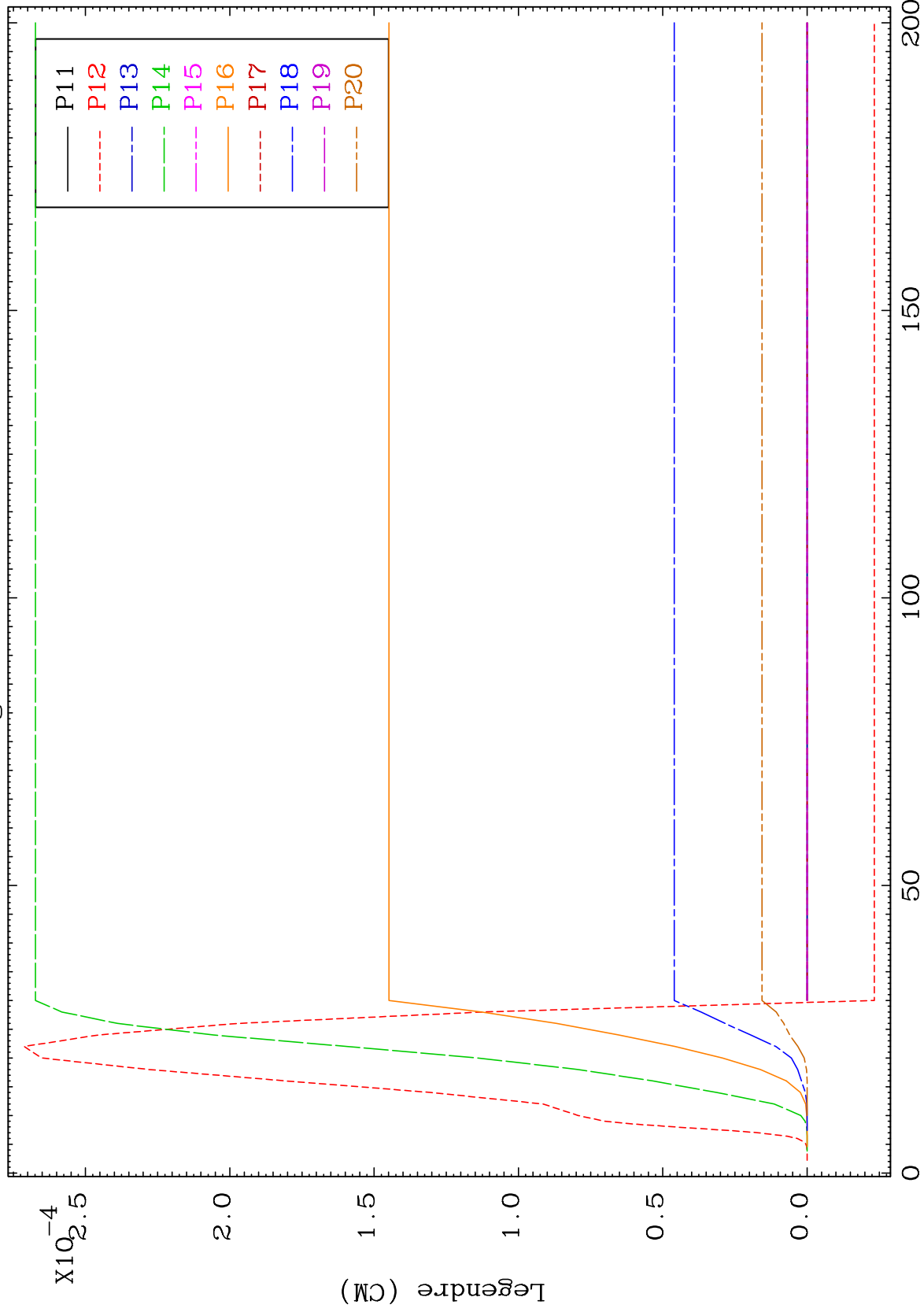
83-Bi-214

MAT 8340

MT= 53 (n,n') Level

83-Bi-214

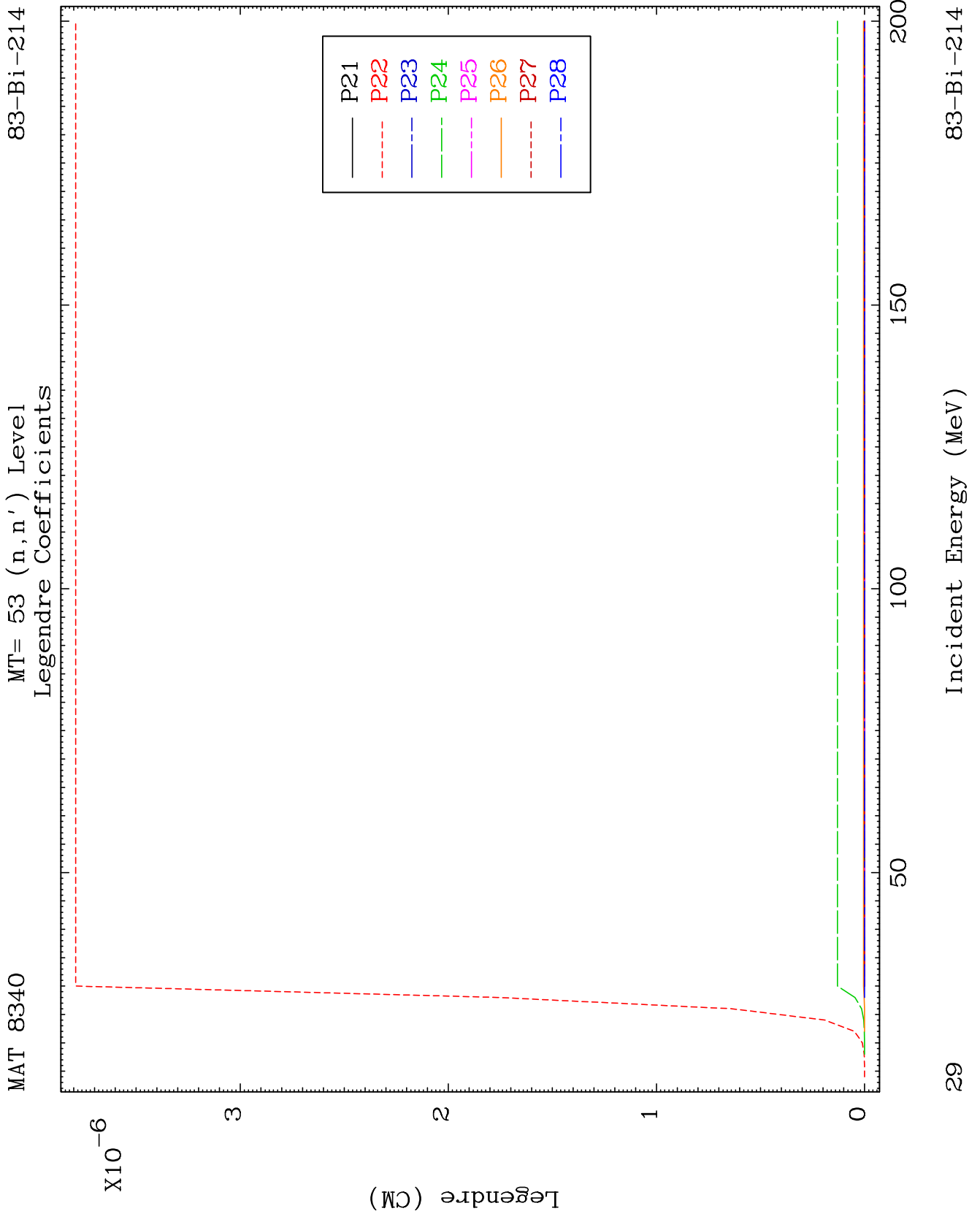
Legendre Coefficients



28

83-Bi-214

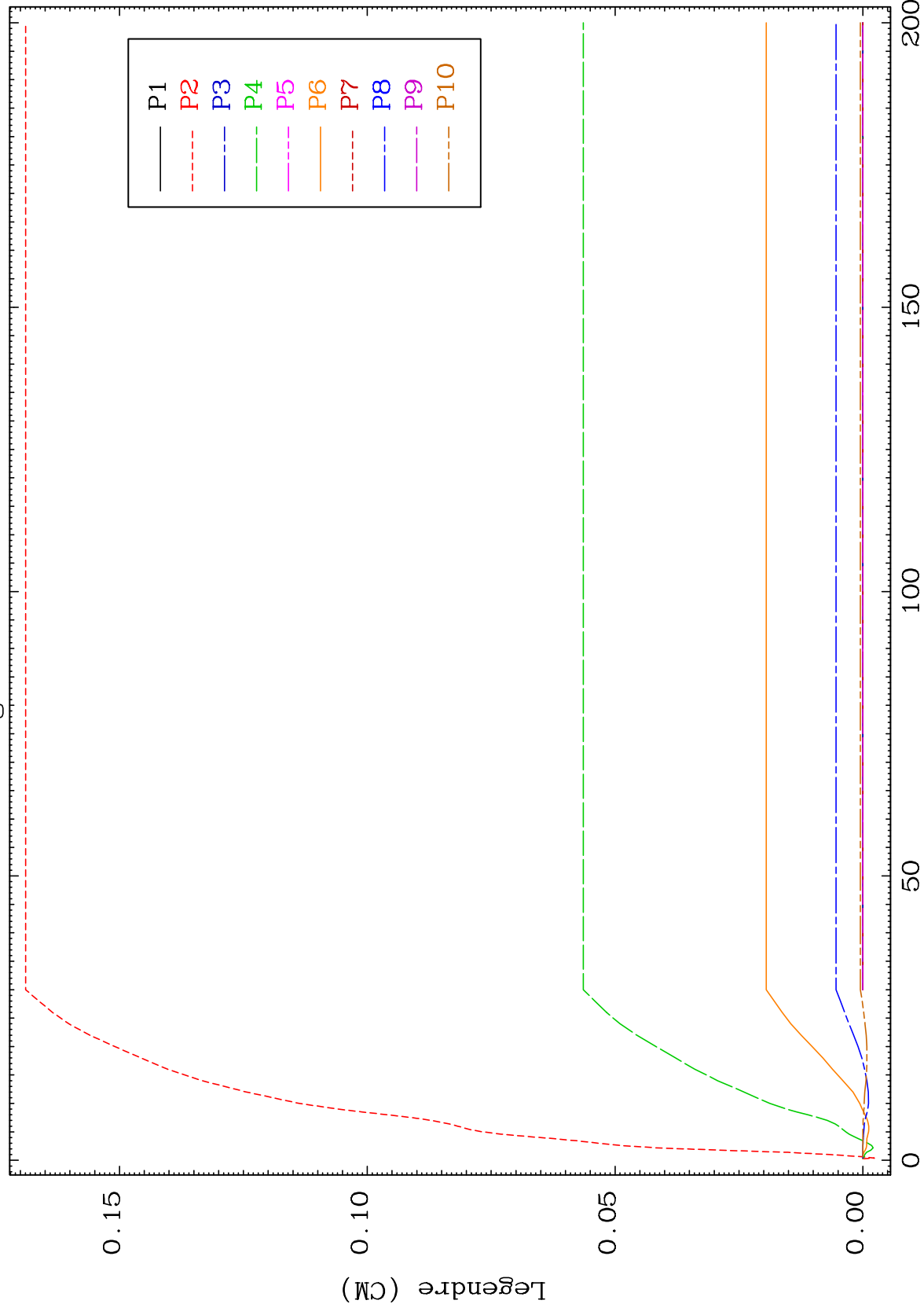
83-Bi-214



MAT 8340

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

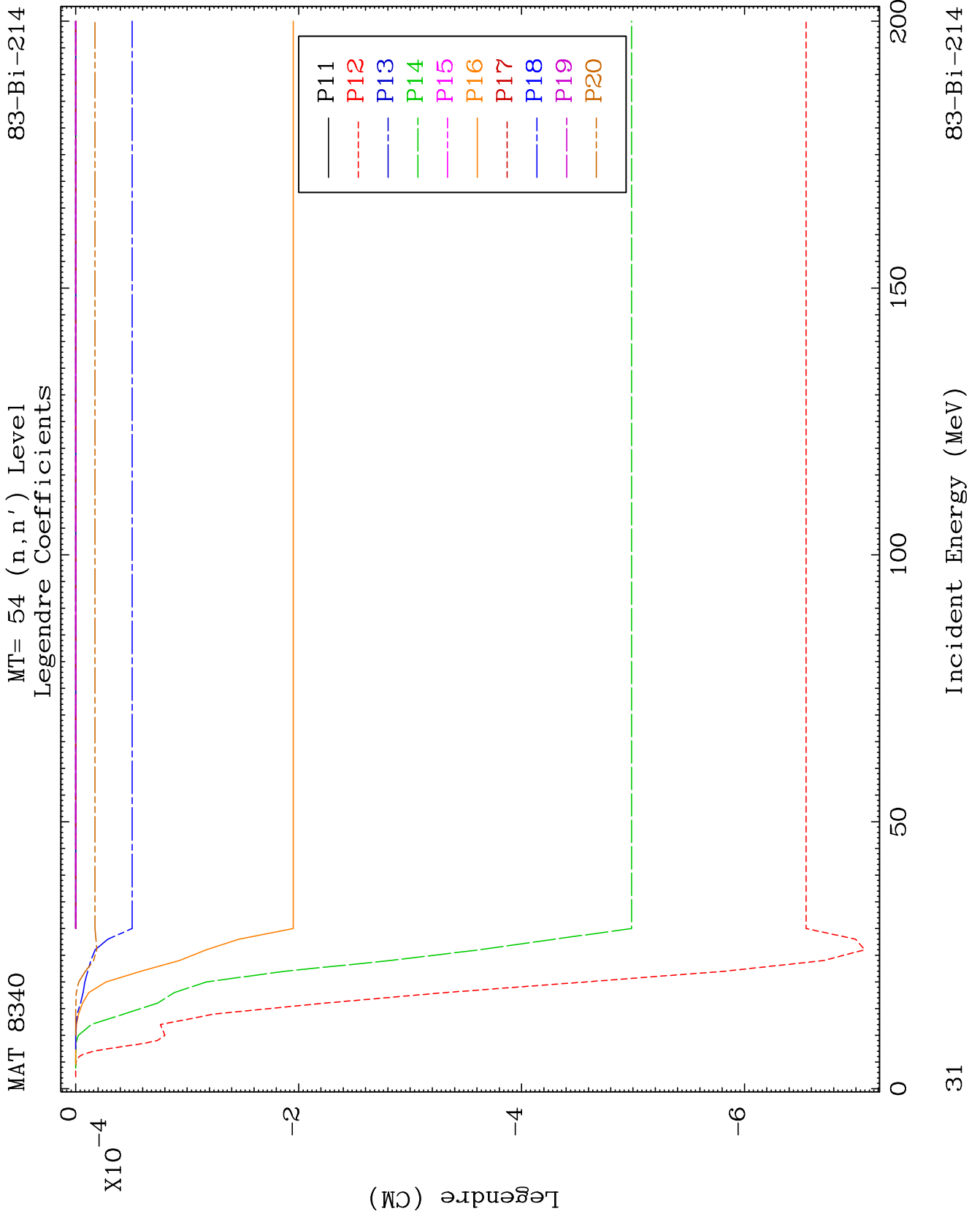
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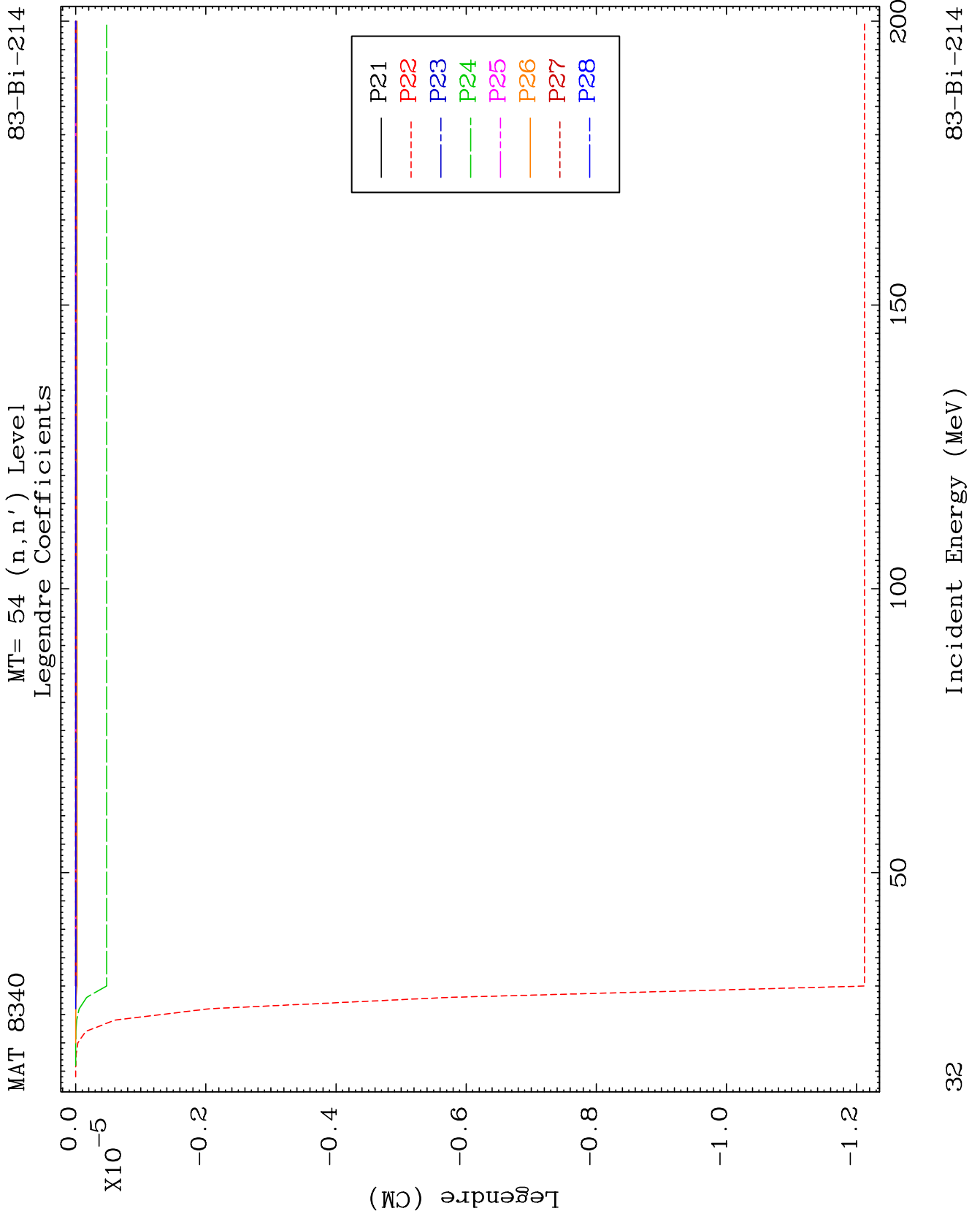


83-Bi-214

Incident Energy (MeV)

30

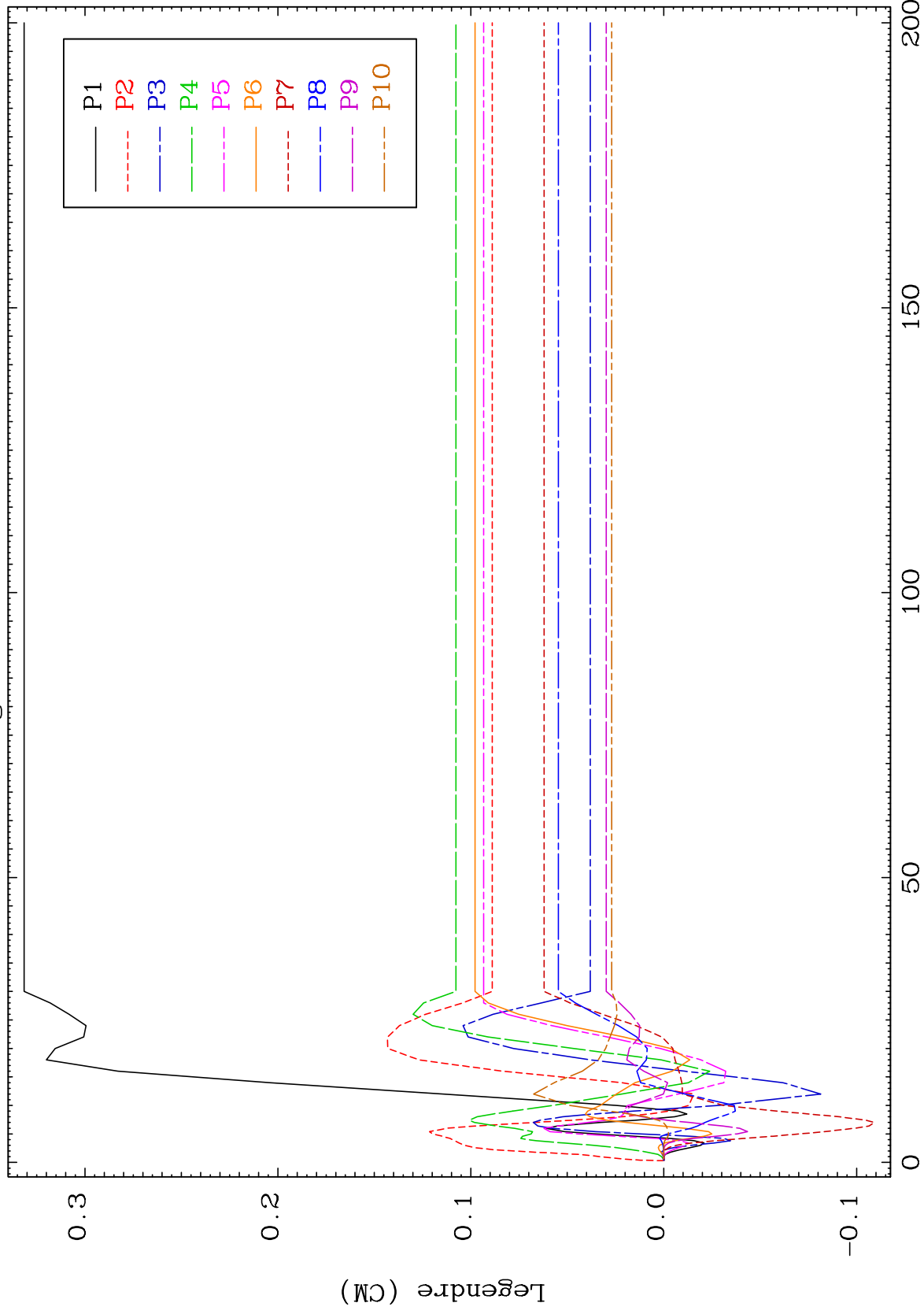




MAT 8340

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

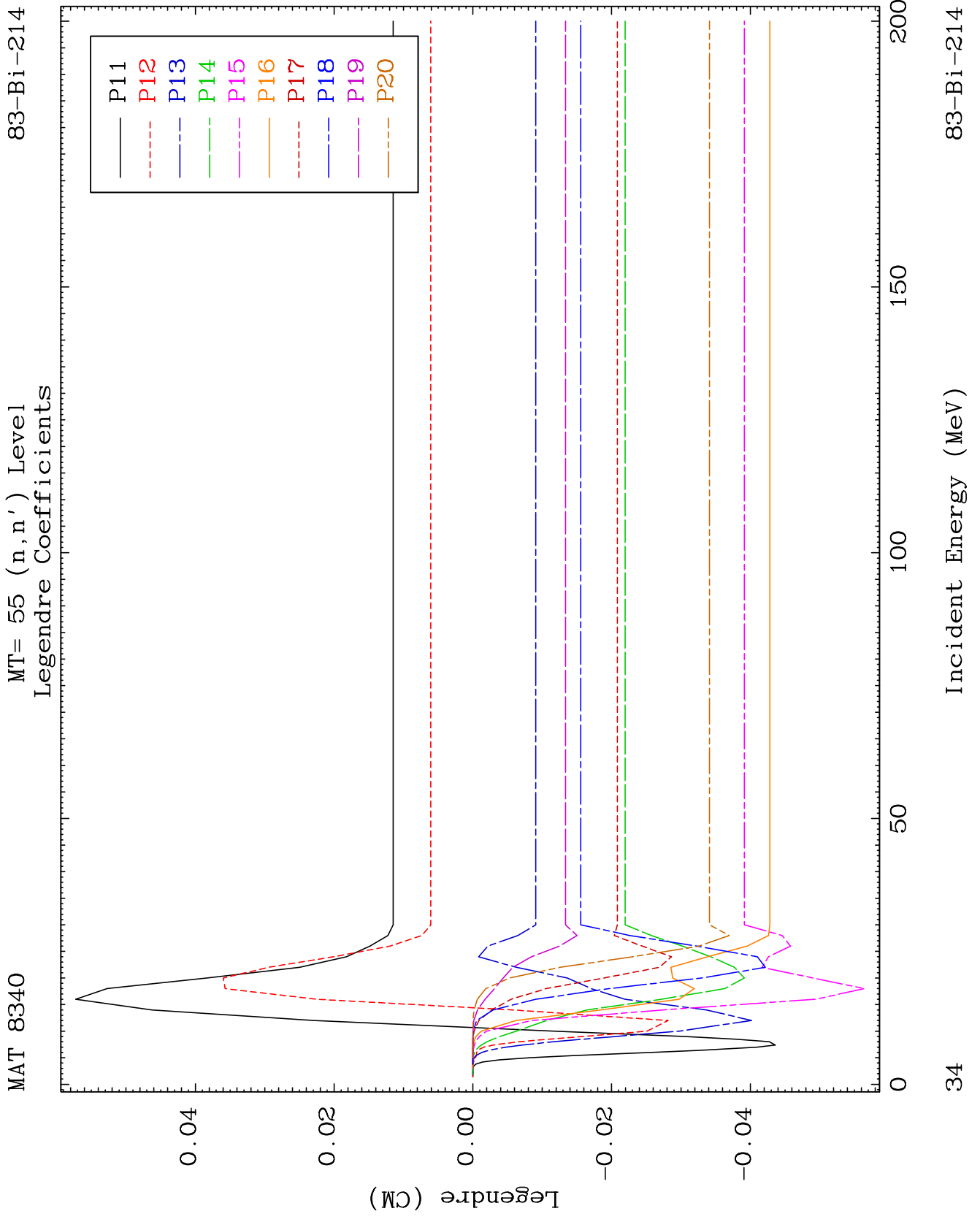
83-Bi-214



33

Incident Energy (MeV)

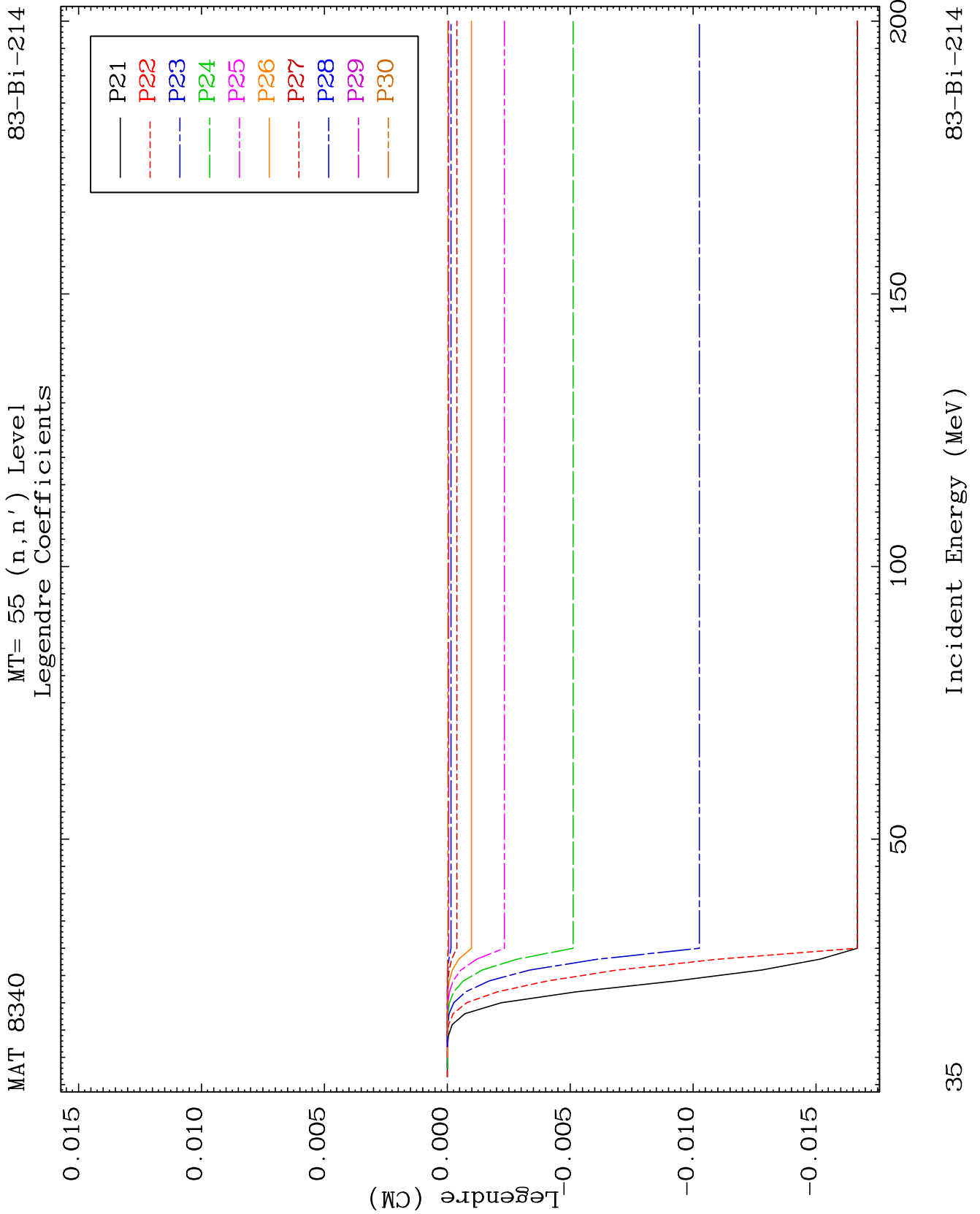
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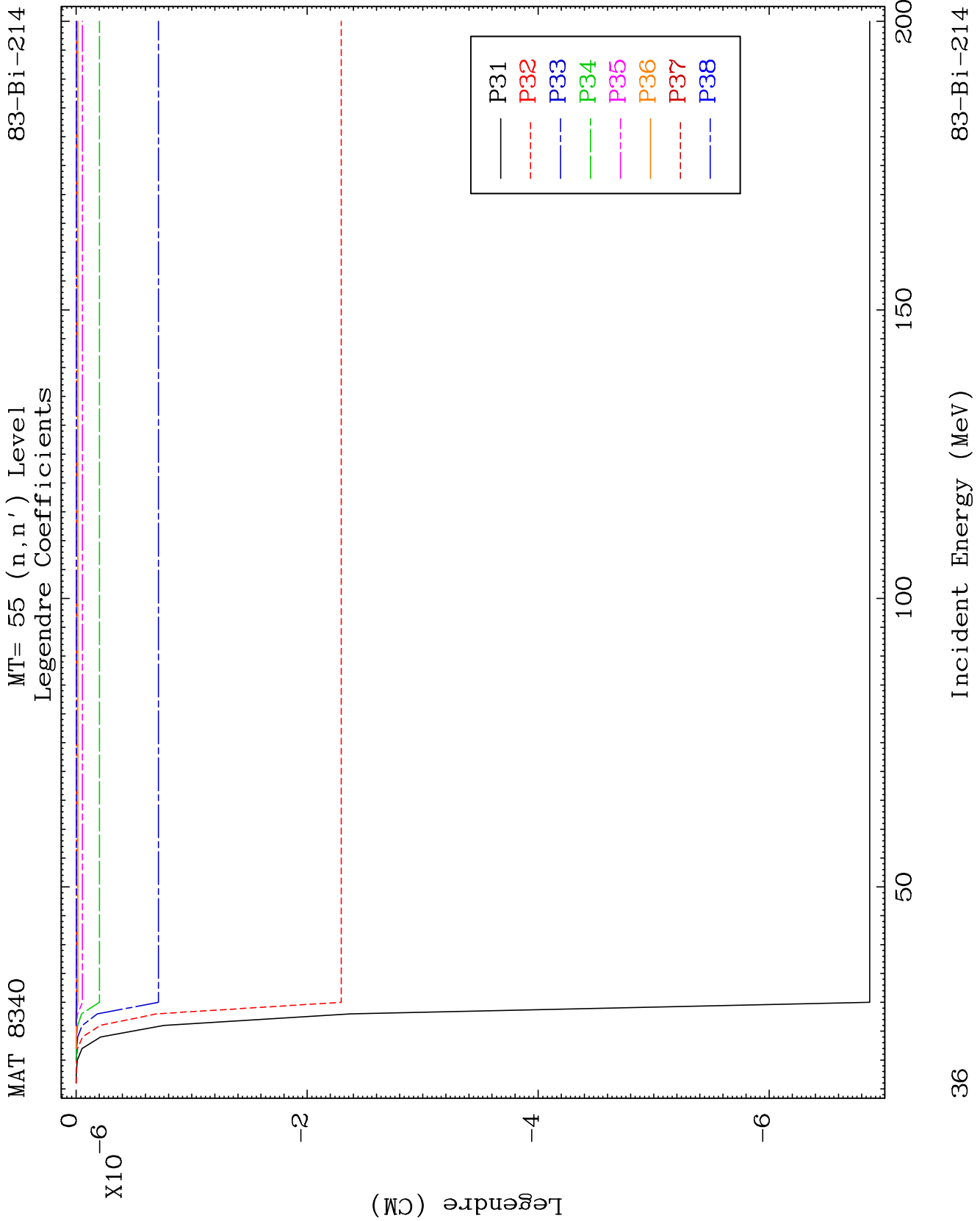


83-Bi-214

Incident Energy (MeV)

34

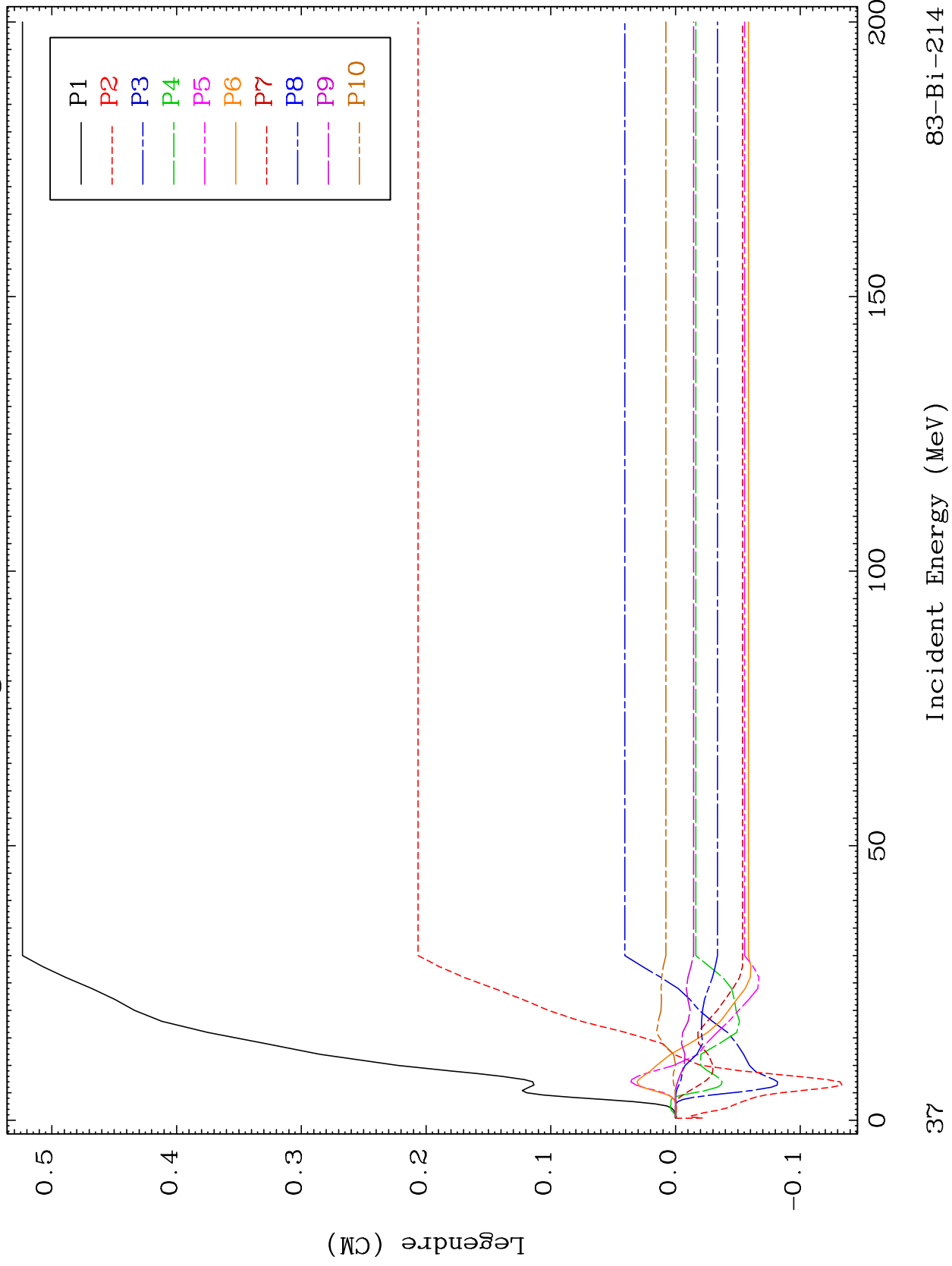




MAT 8340

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

83-Bi-214



37

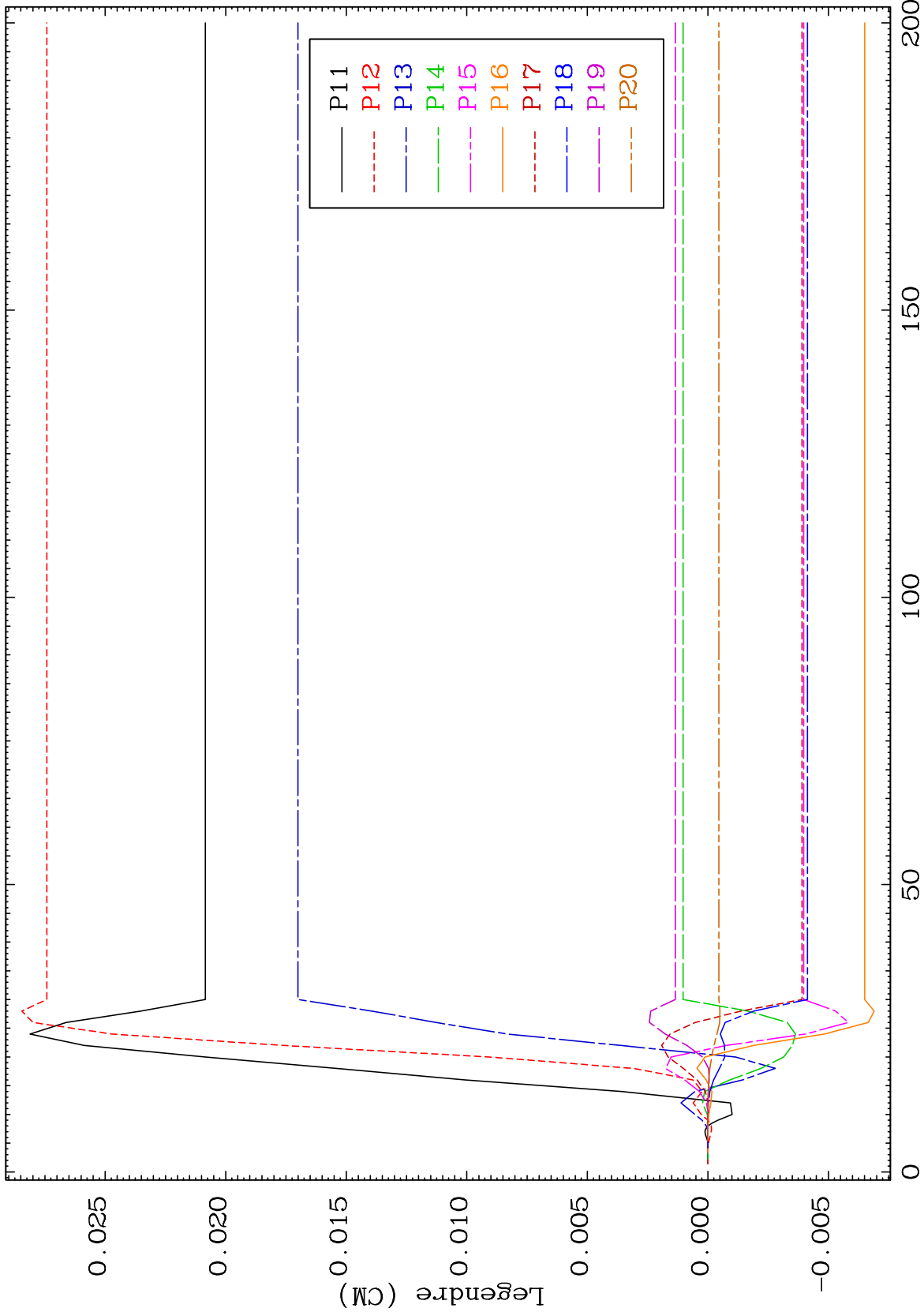
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



38

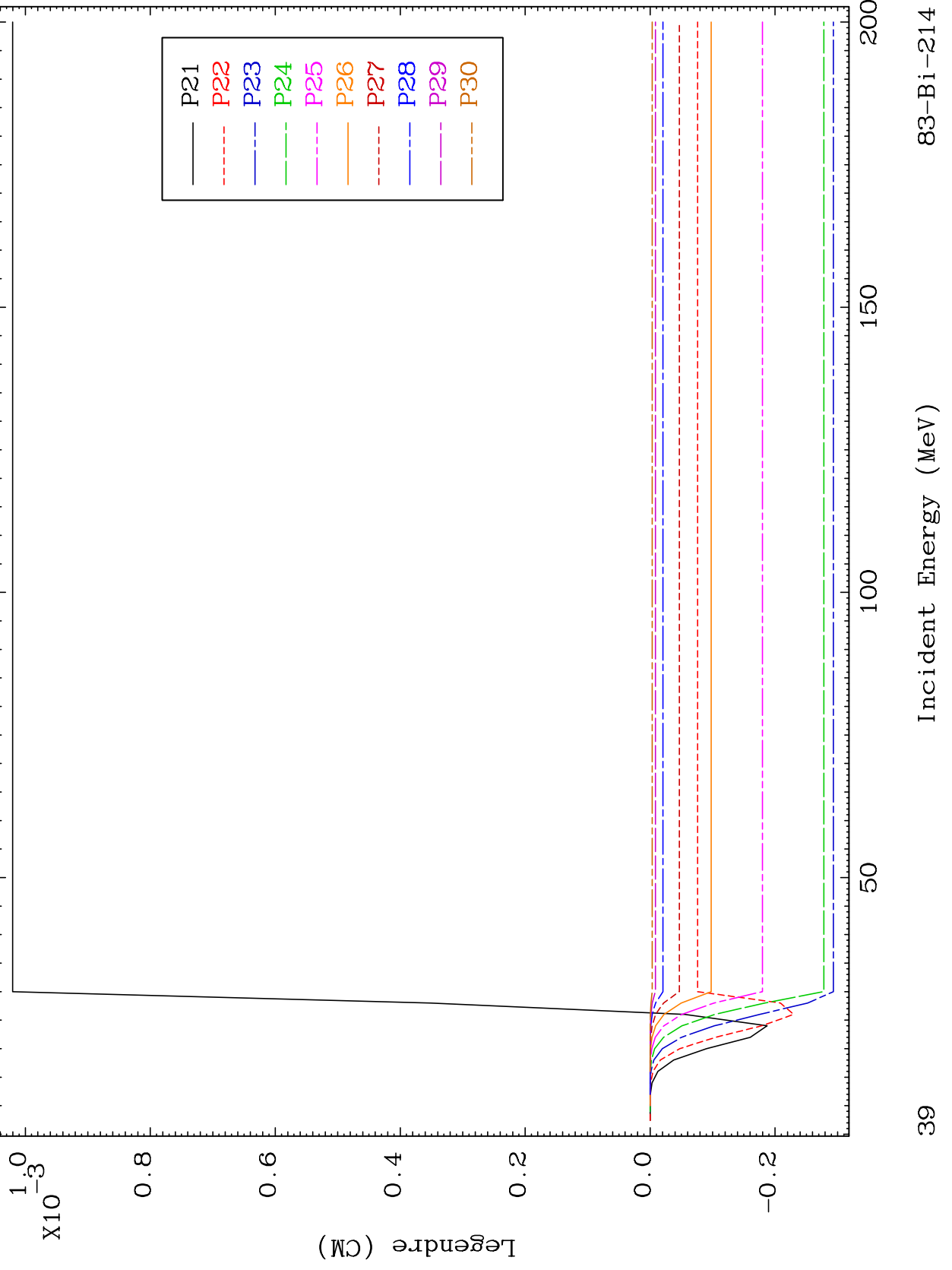
Incident Energy (MeV)

83-Bi-214

MAT 8340

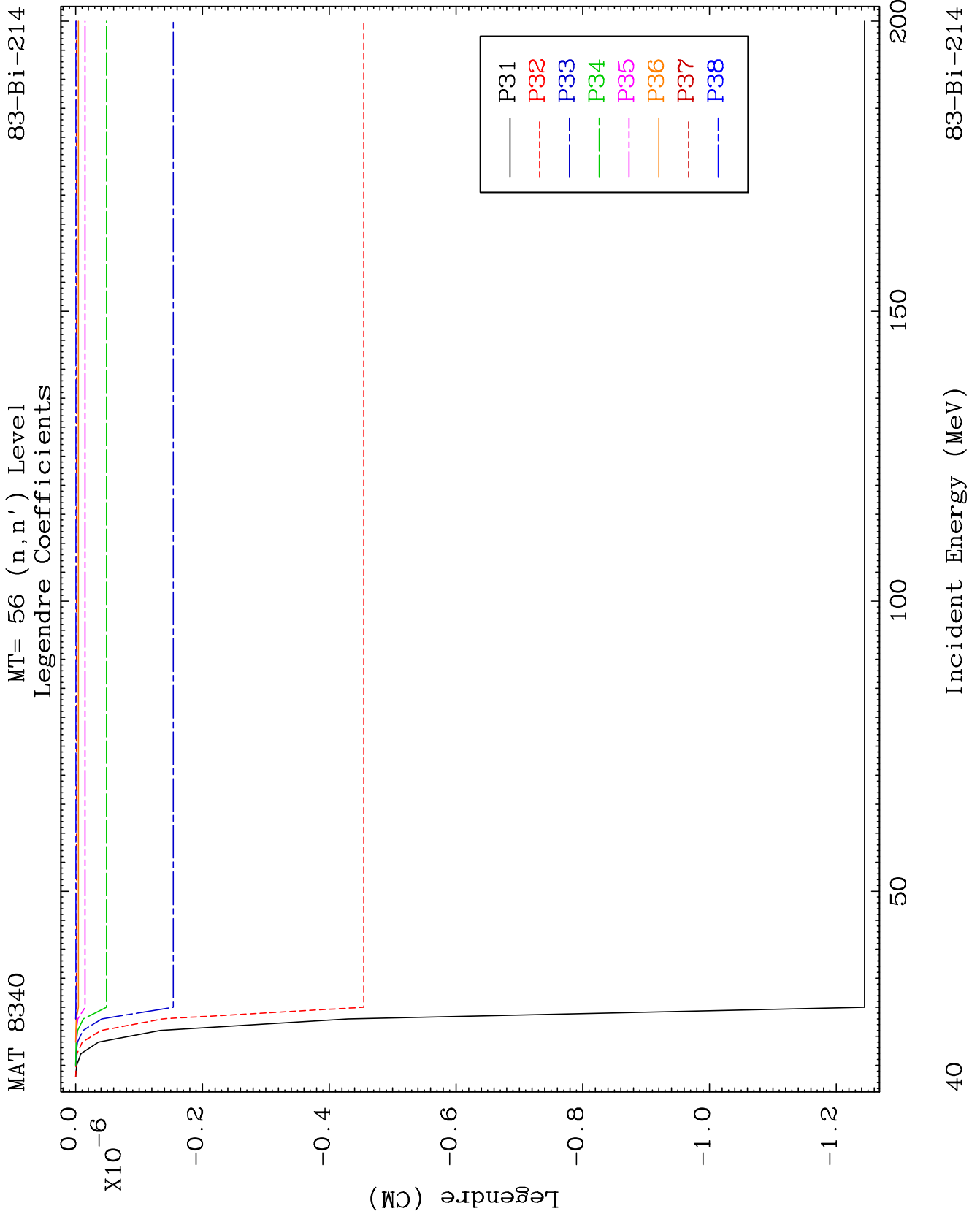
MT= 56 (n,n') Level
Legendre Coefficients

83-Bi-214



39

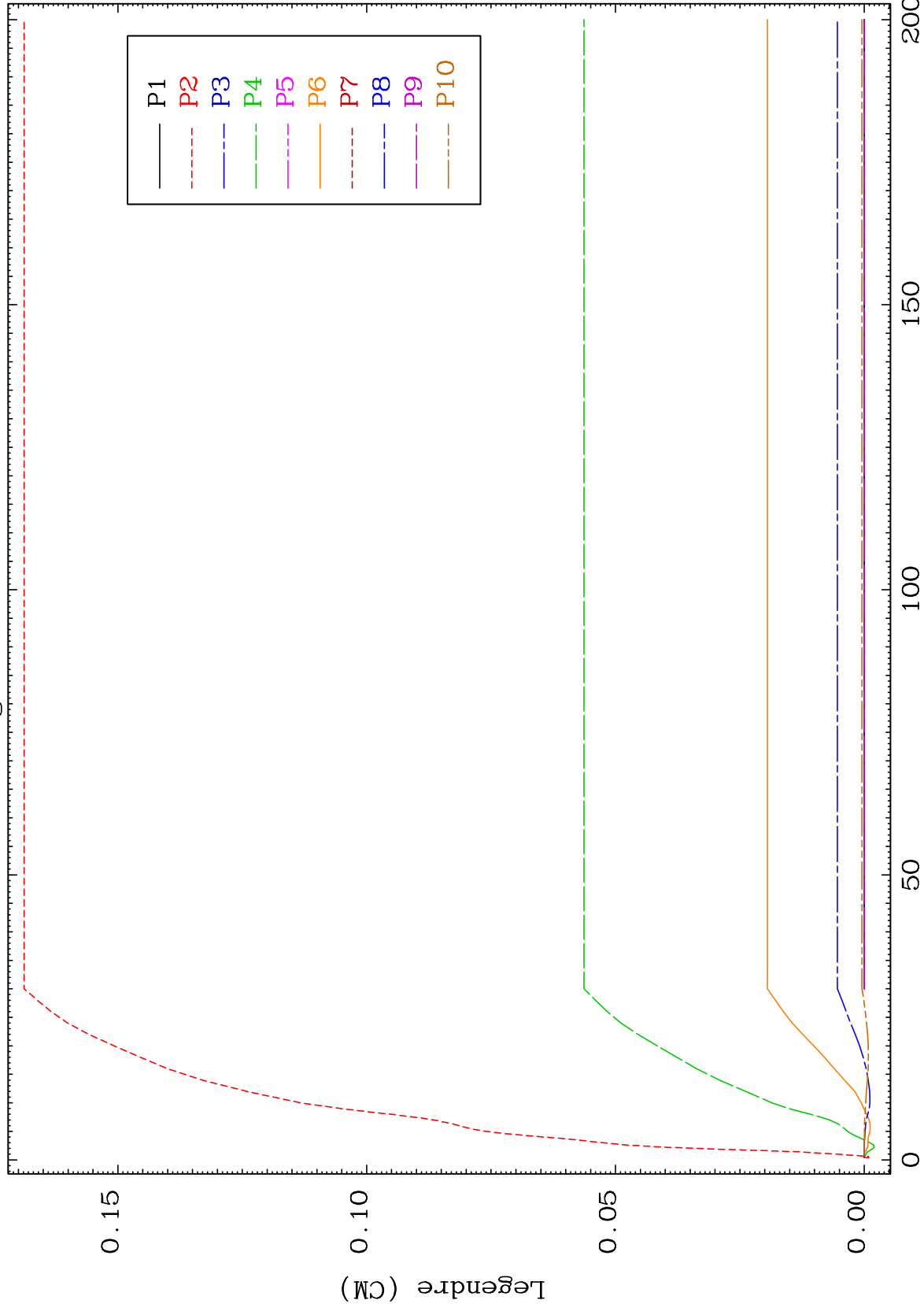
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MAT 8340

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

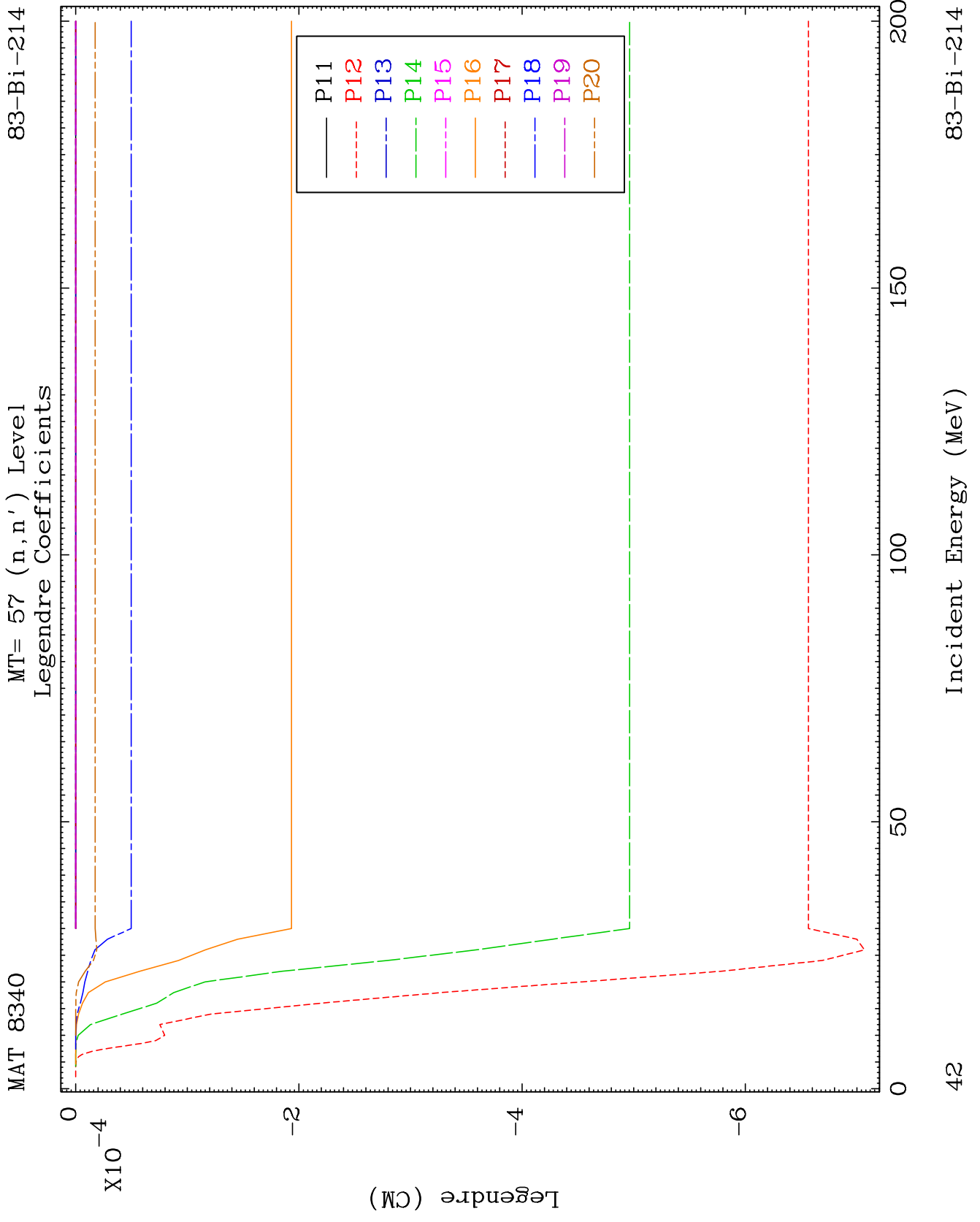
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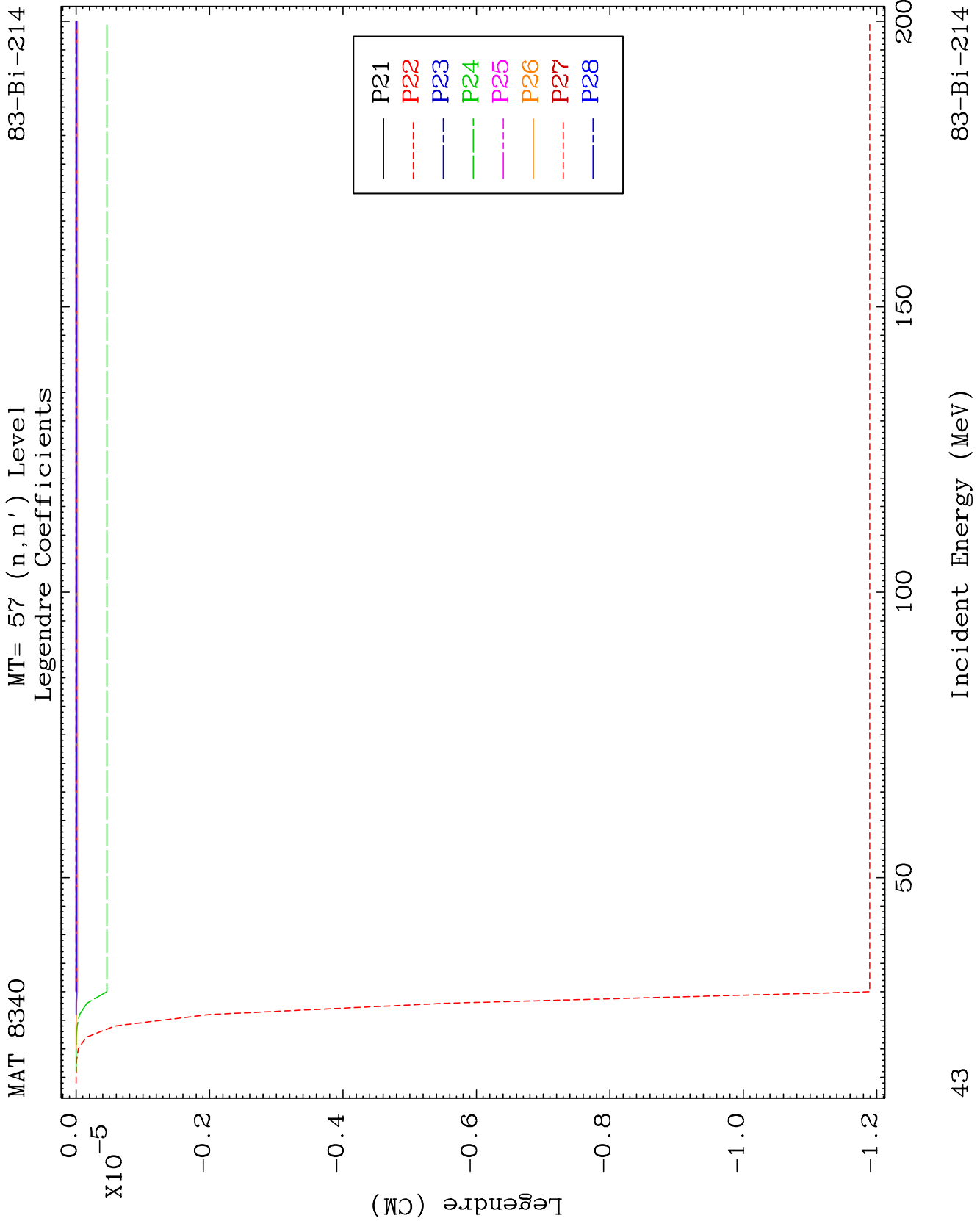


41

Incident Energy (MeV)

83-Bi-214

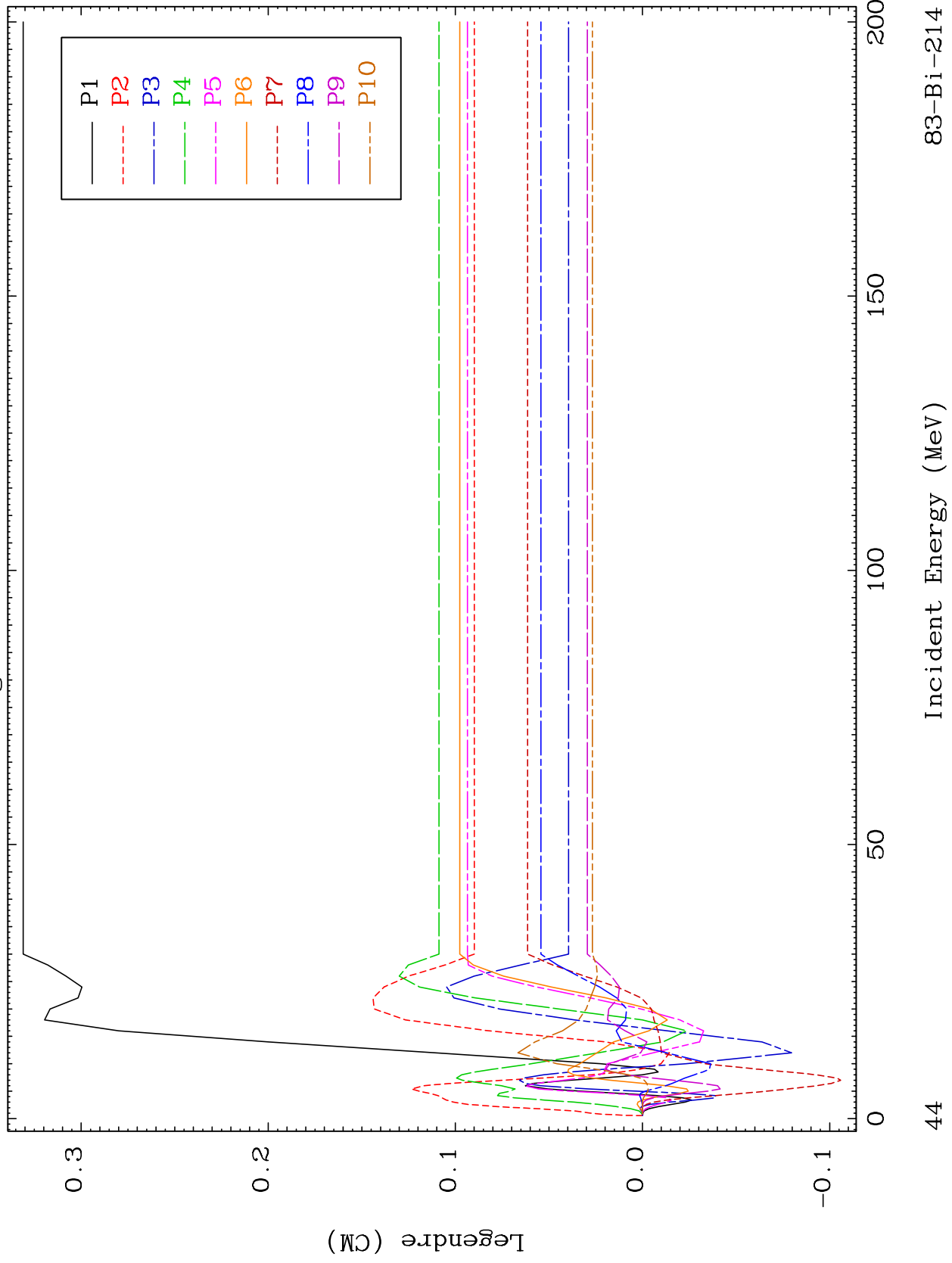




MAT 8340

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

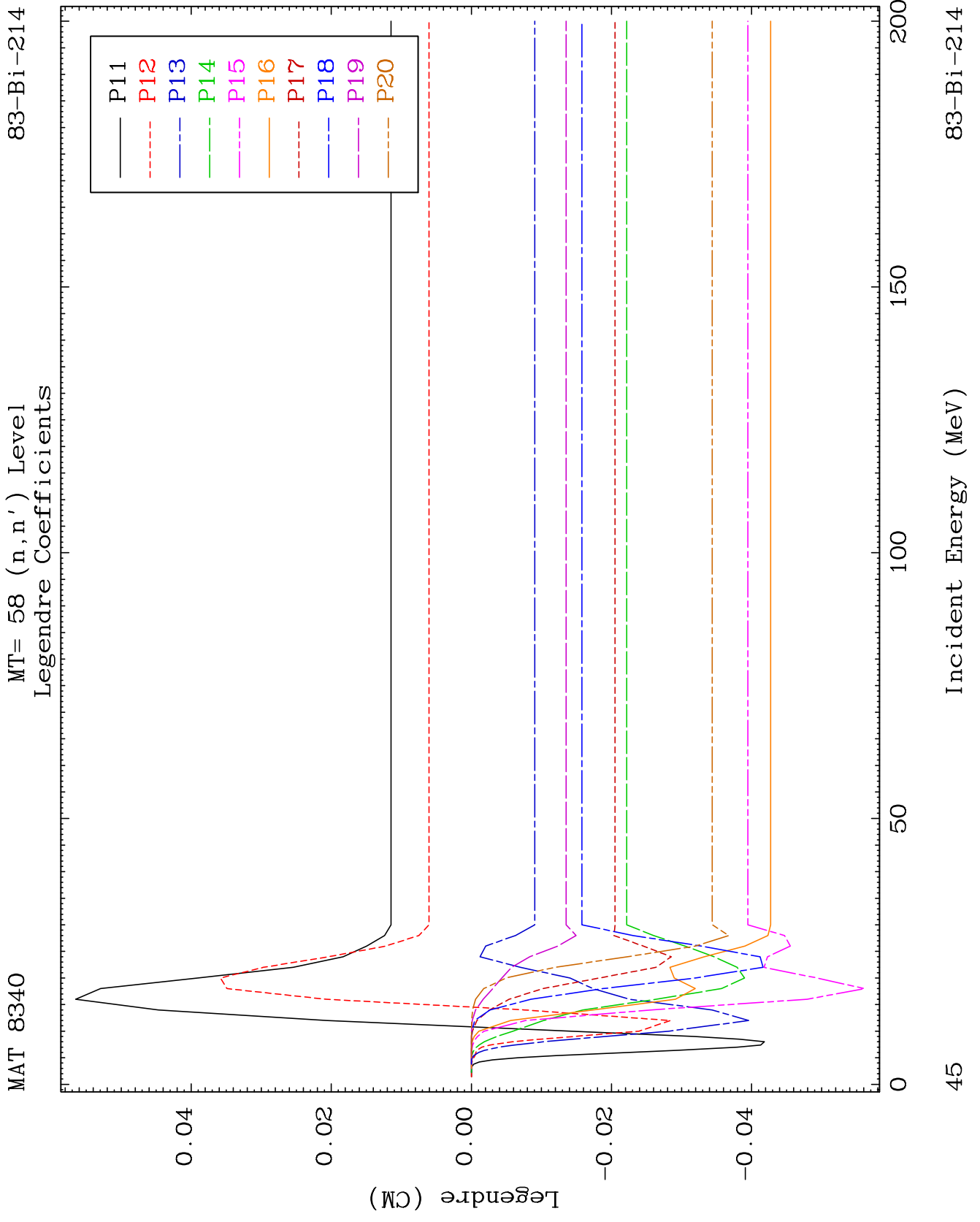
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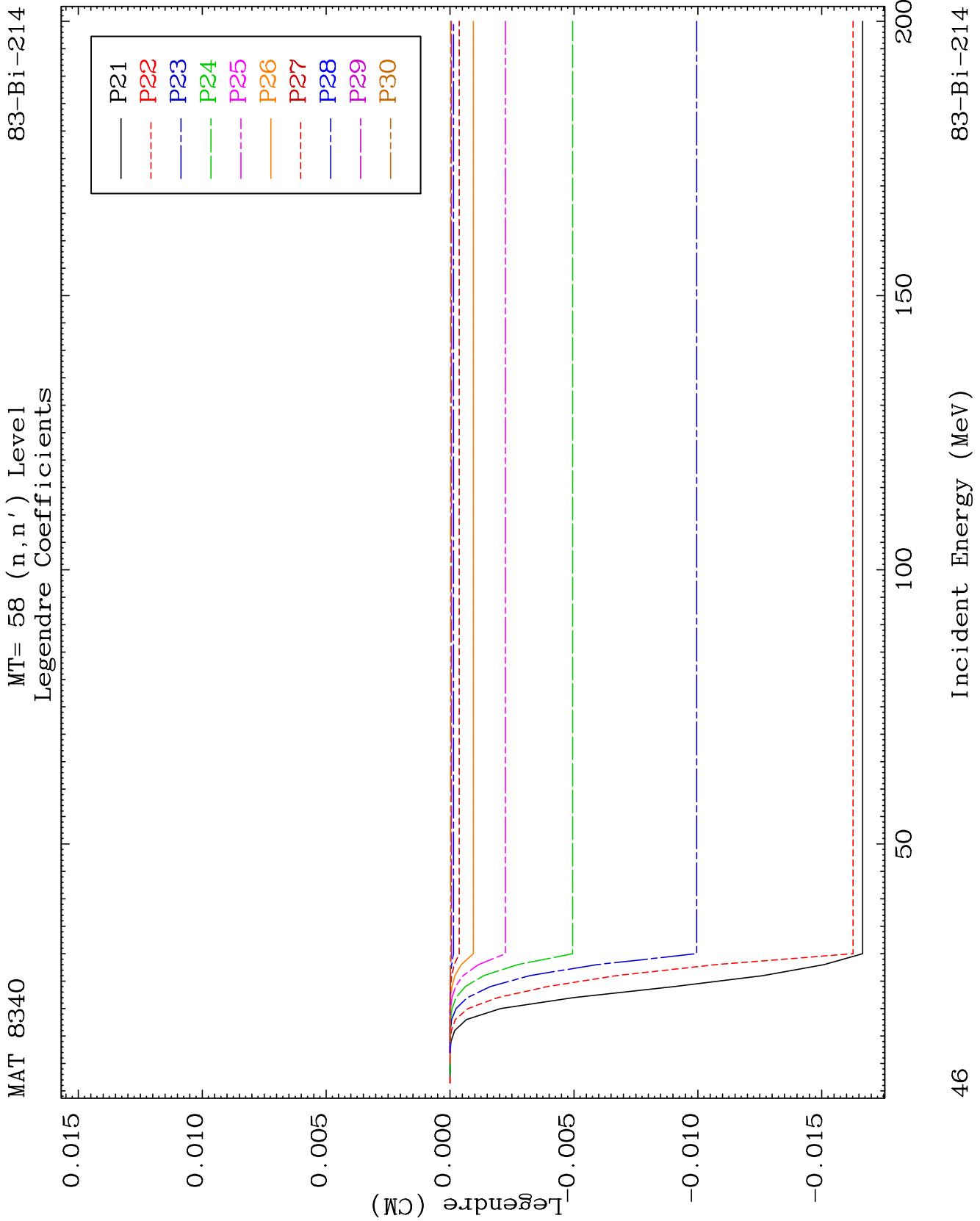


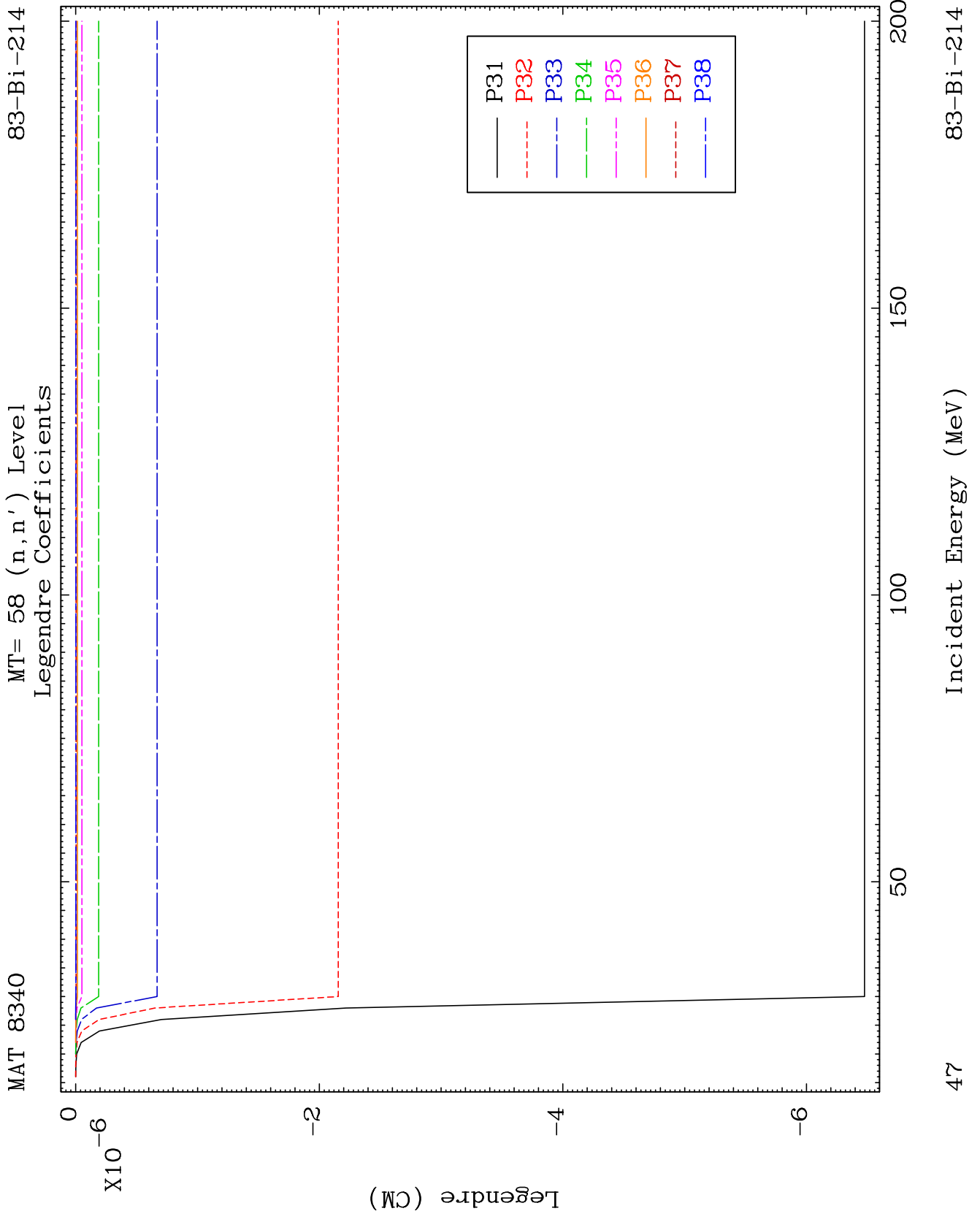
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Incident Energy (MeV)

83-Bi-214



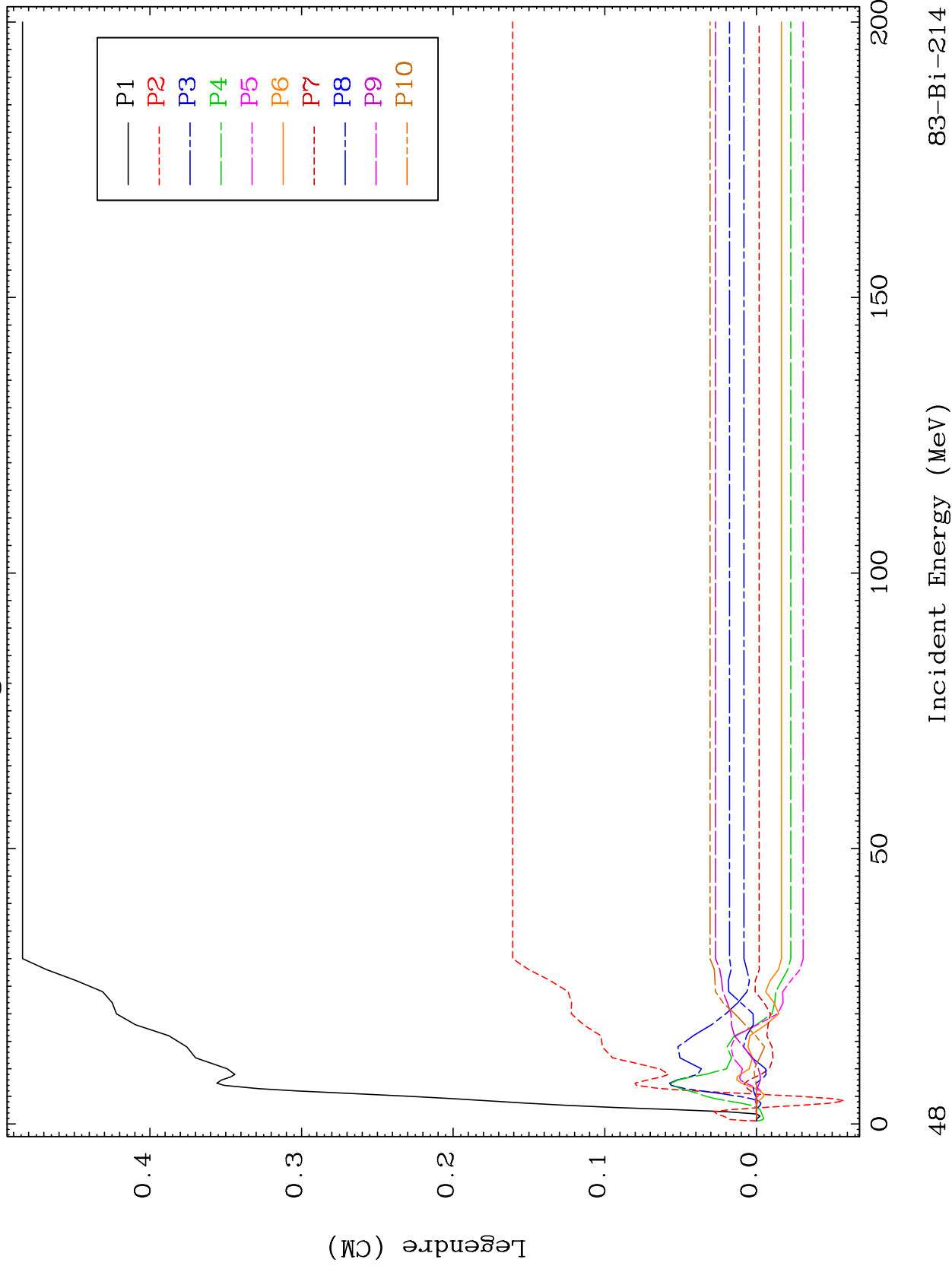




MAT 8340

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

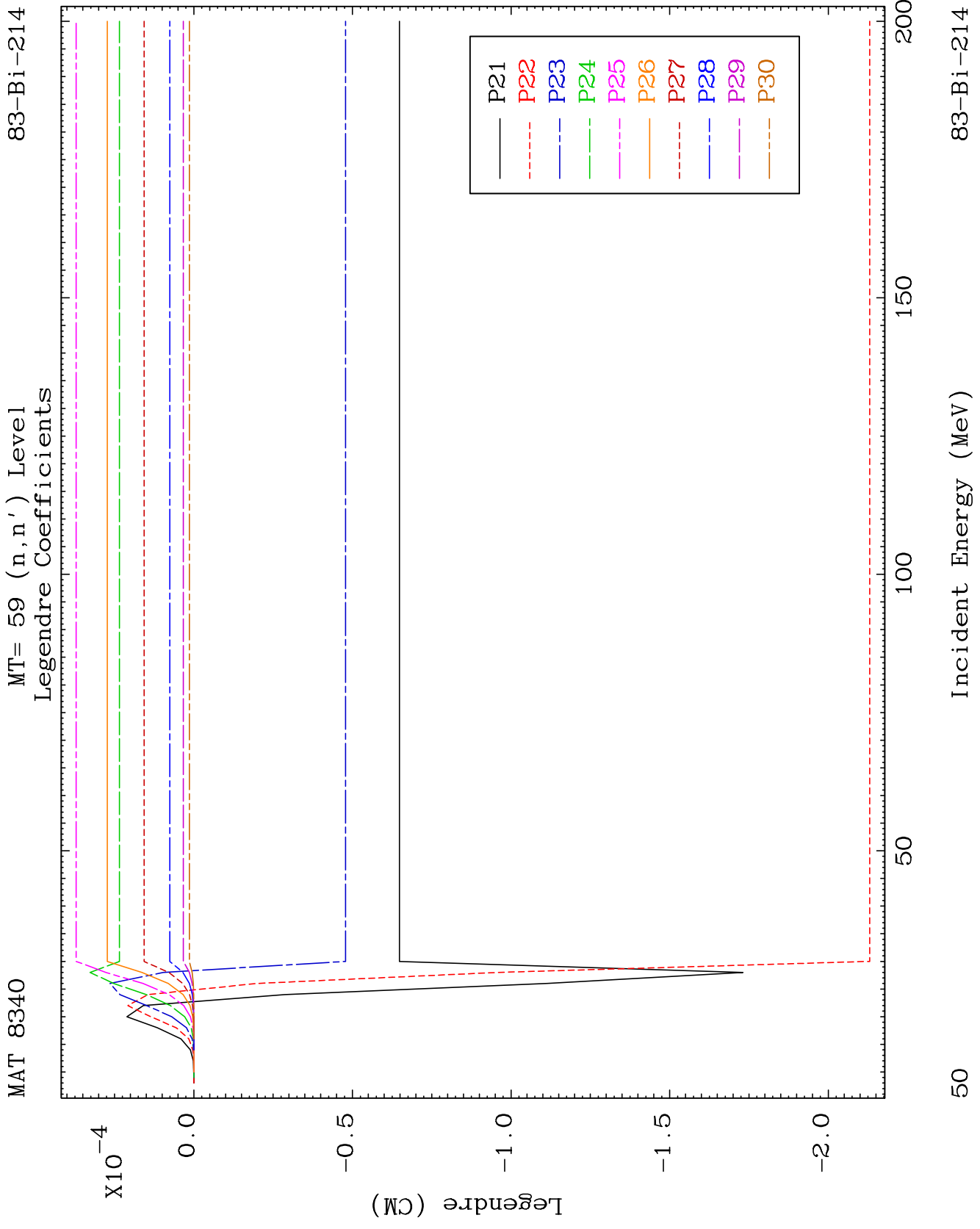
83-Bi-214



83-Bi-214

Incident Energy (MeV)

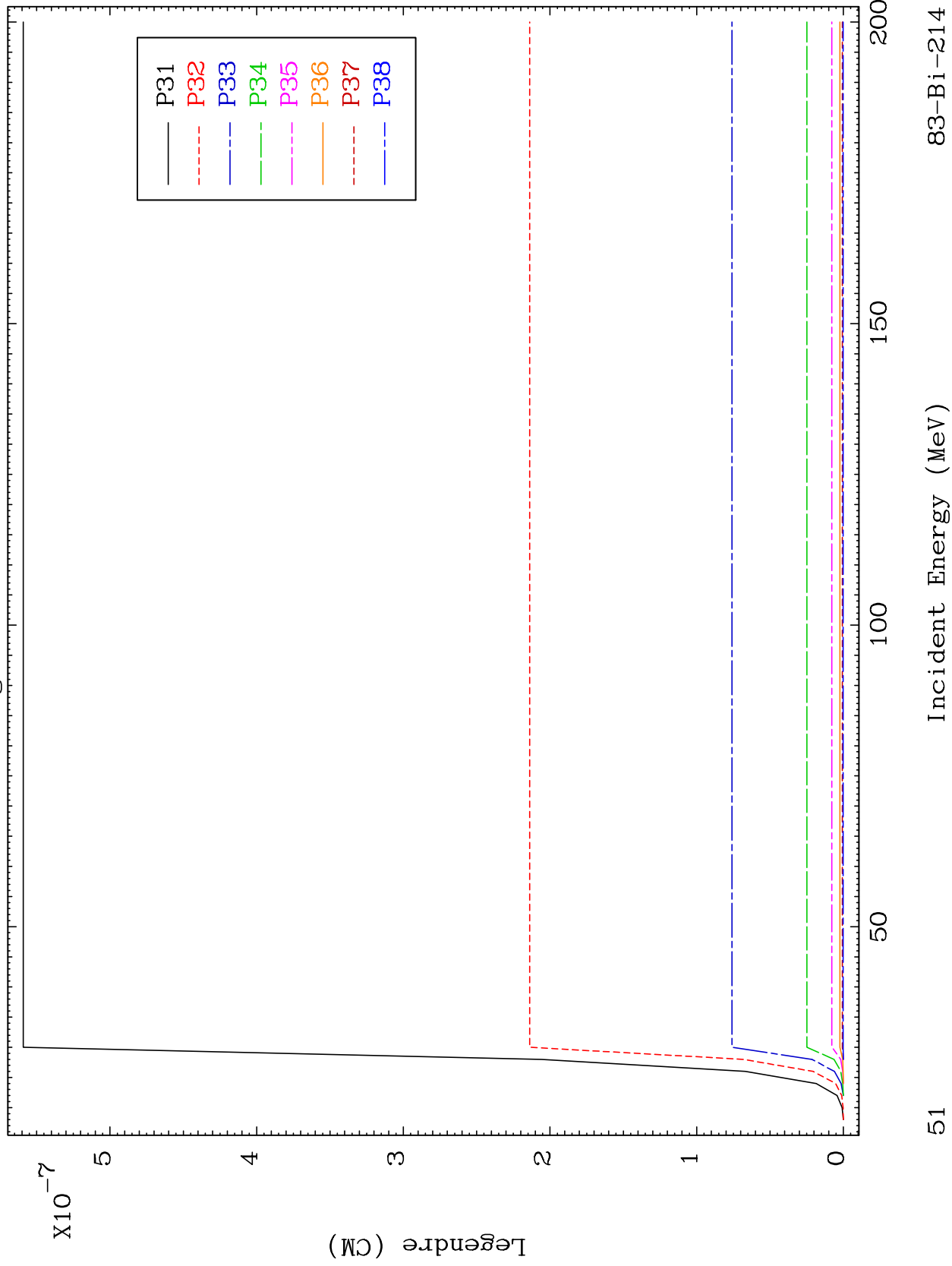
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MAT 8340

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

83-Bi-214



51

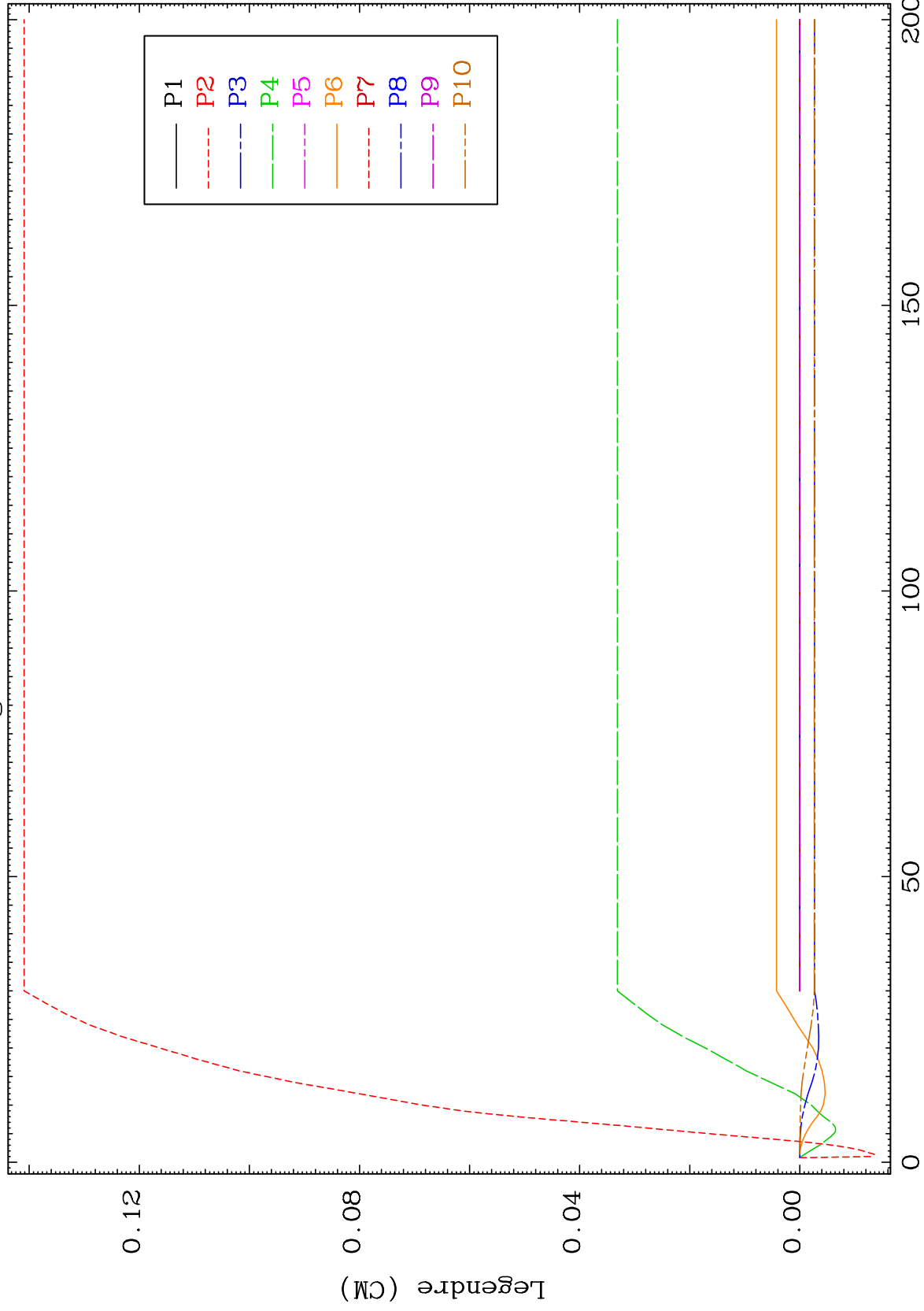
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

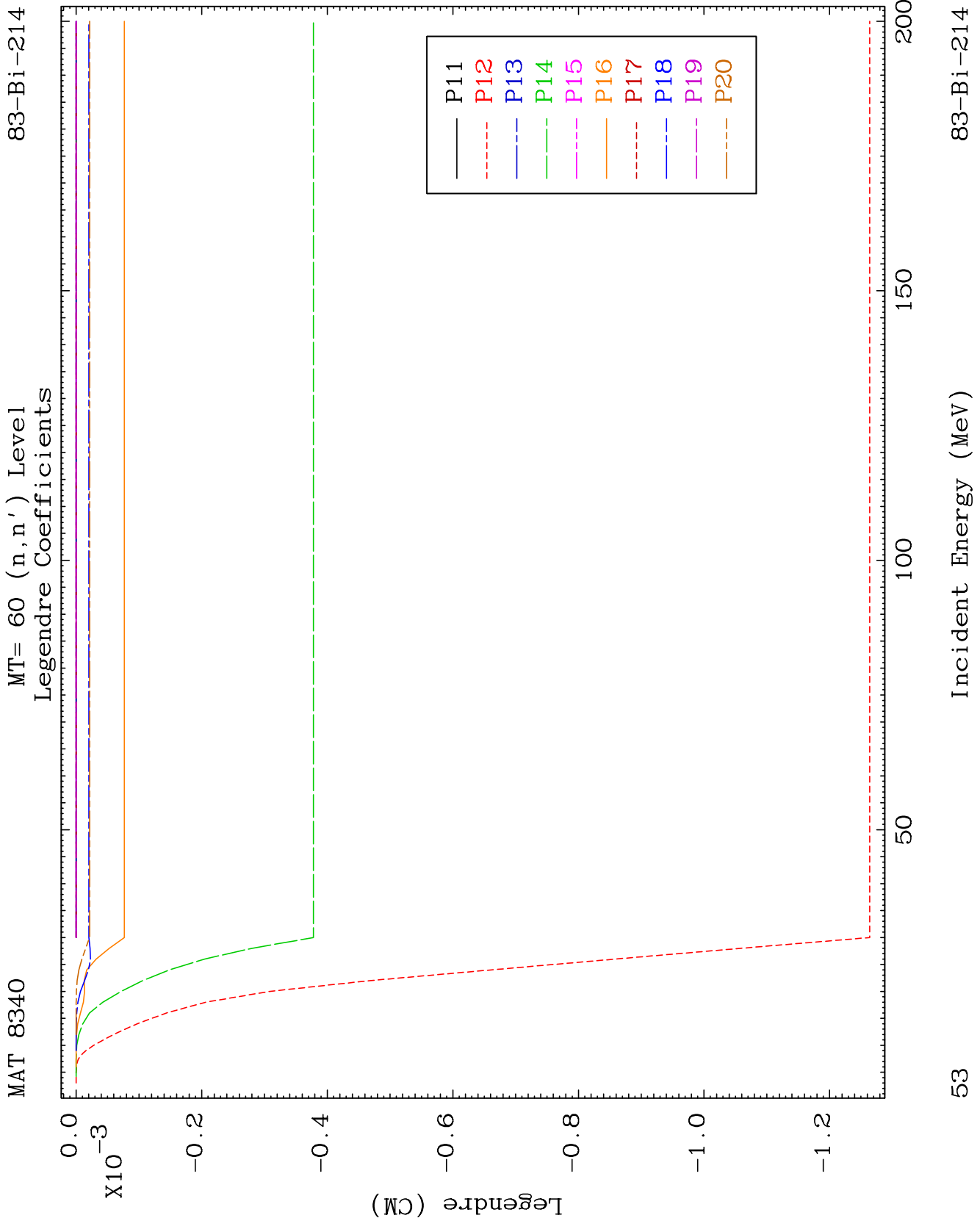
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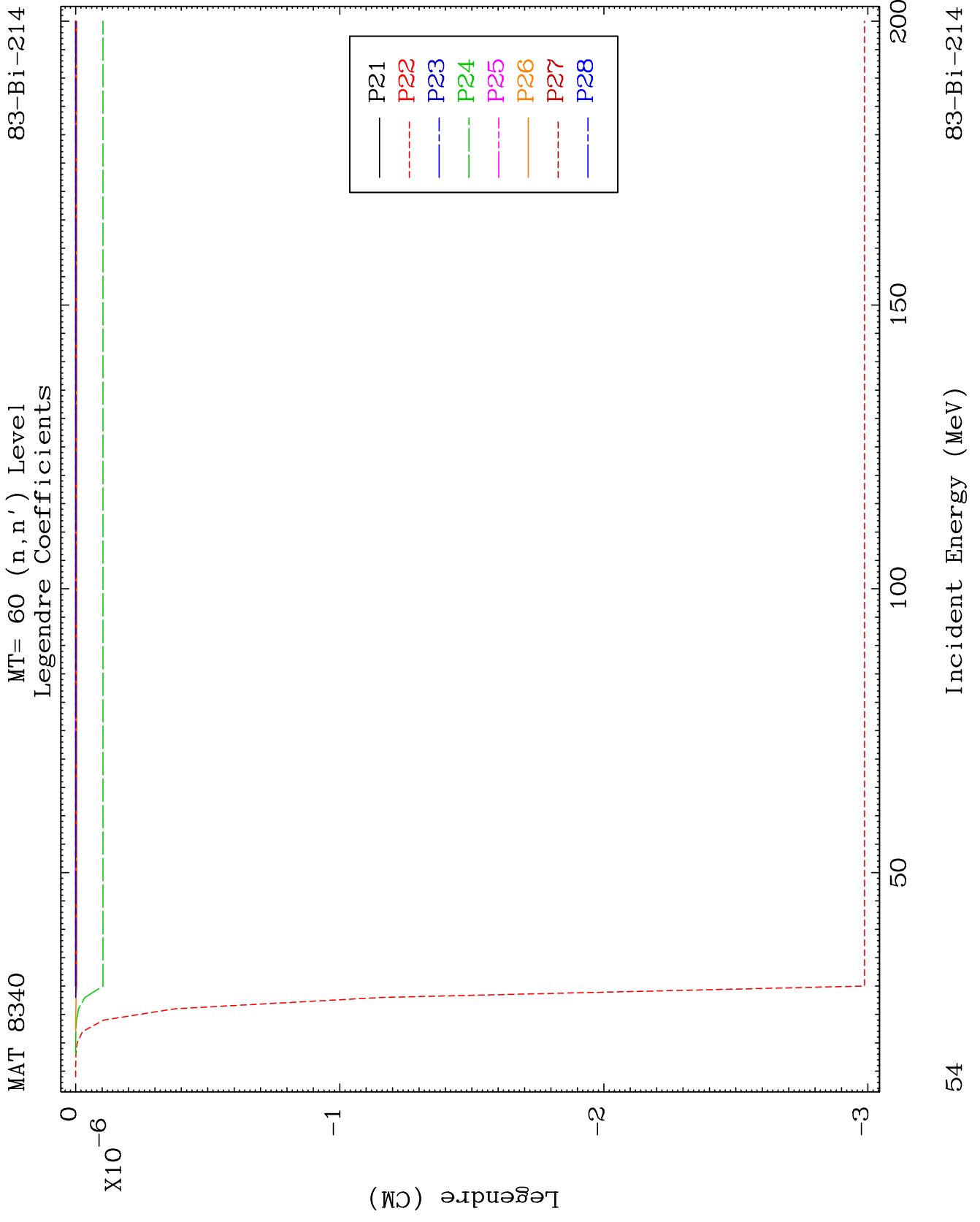


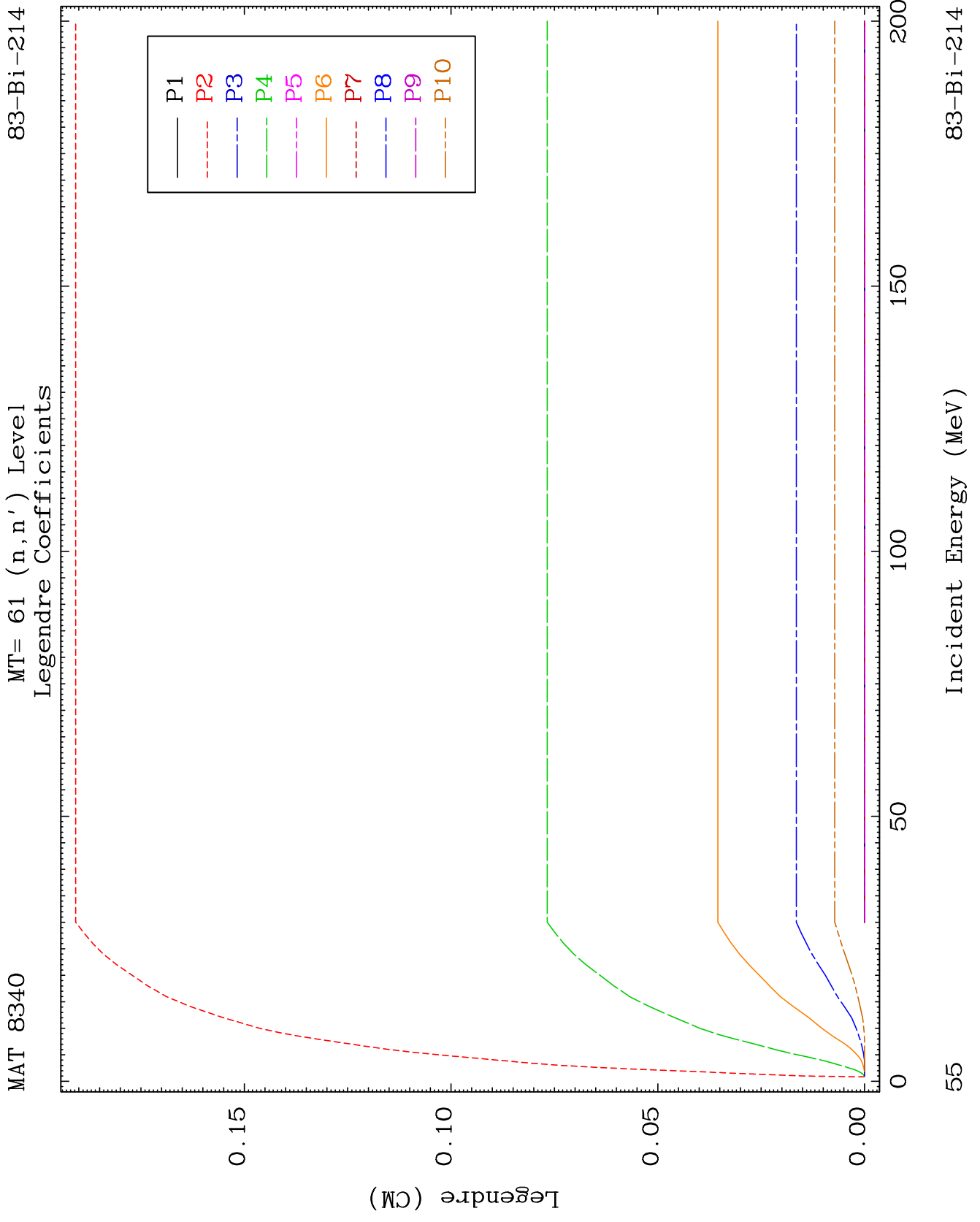
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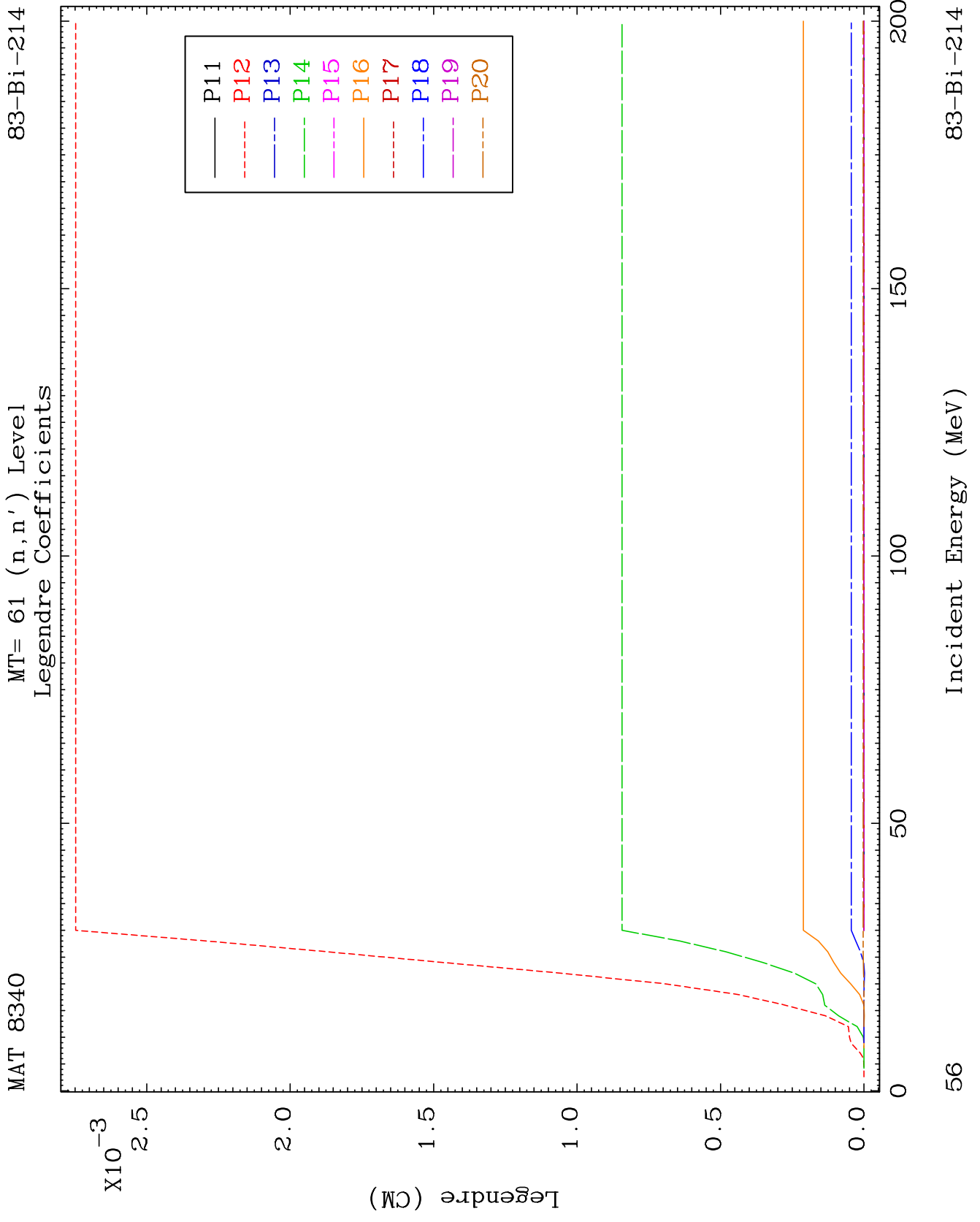
Incident Energy (MeV)

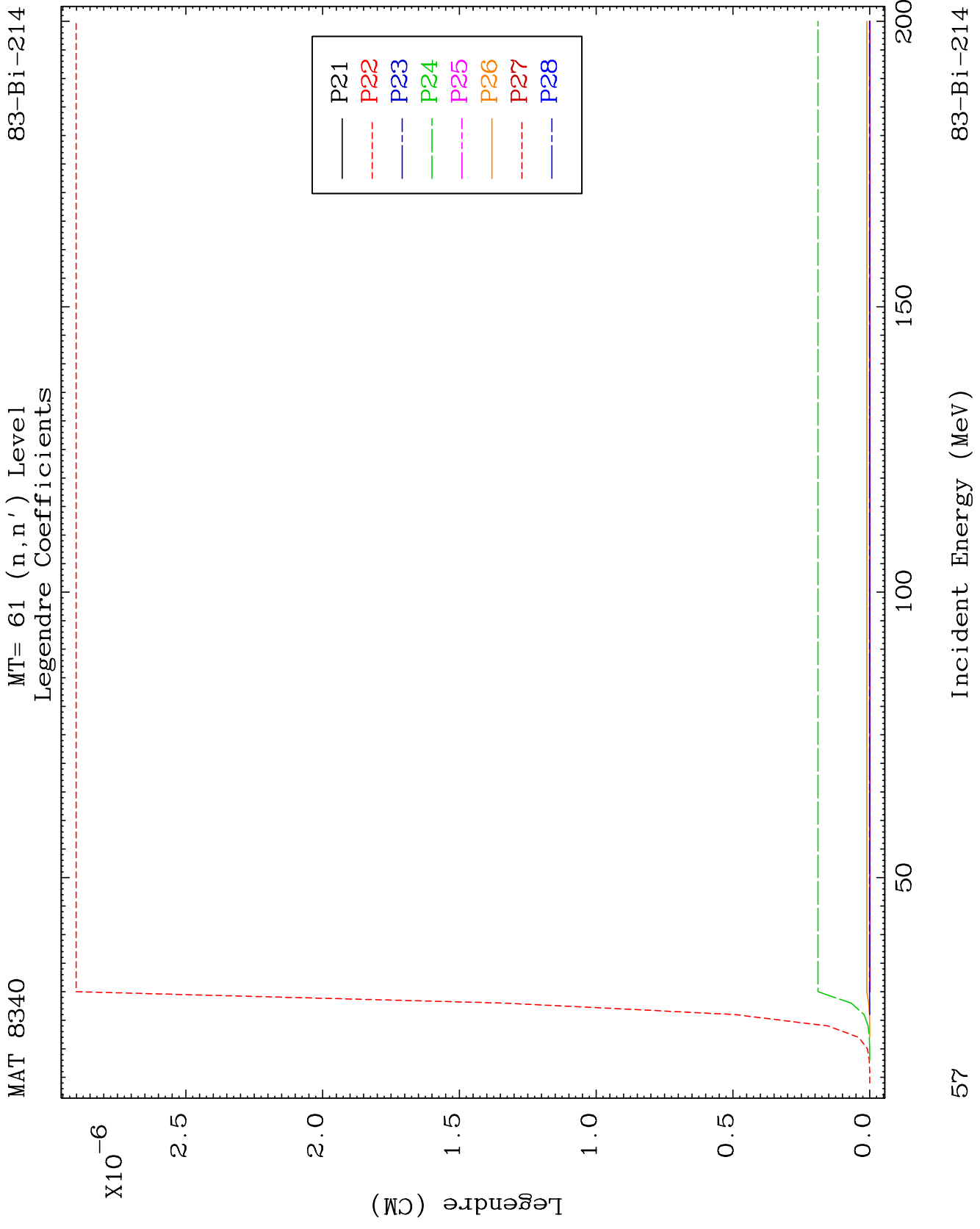
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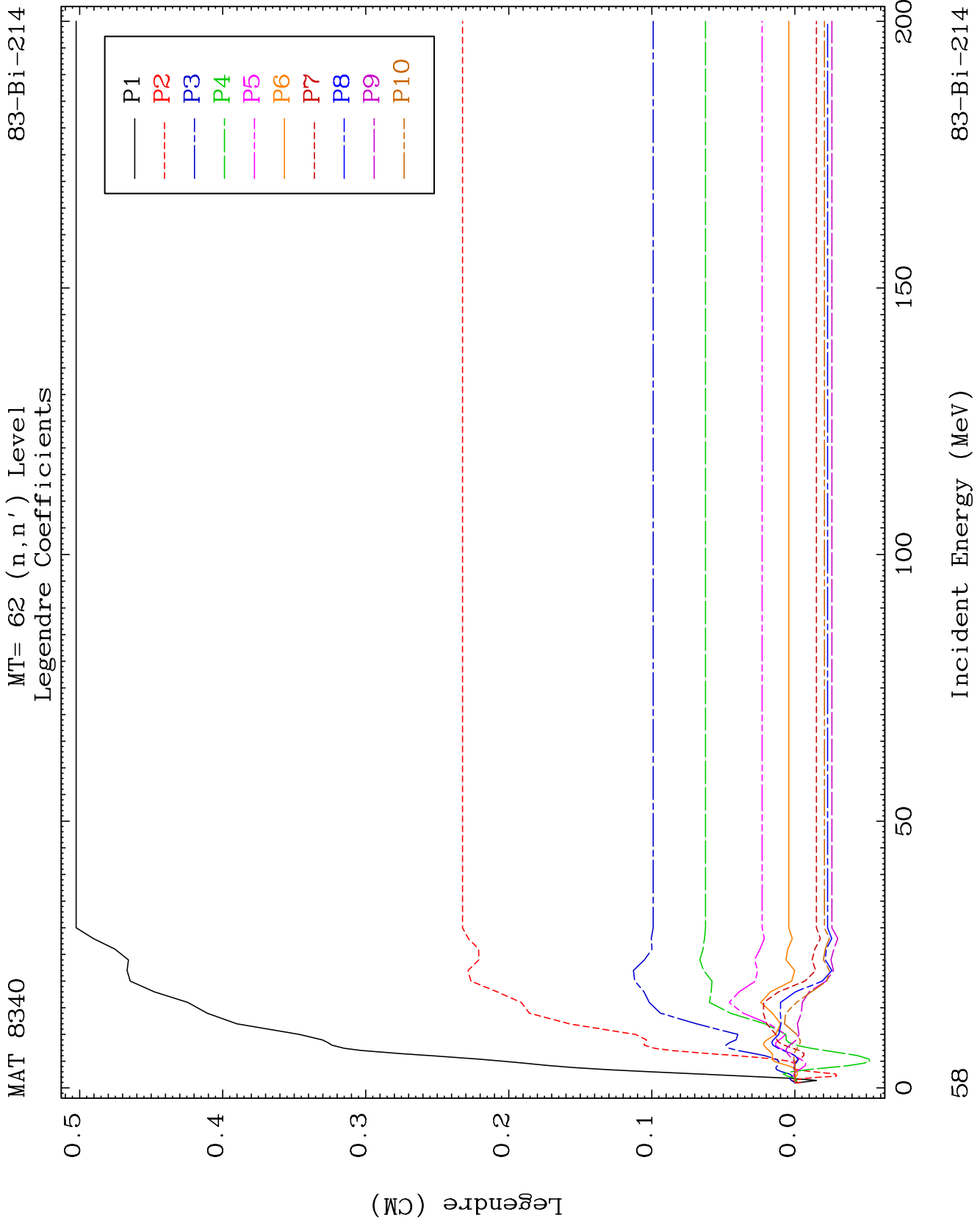








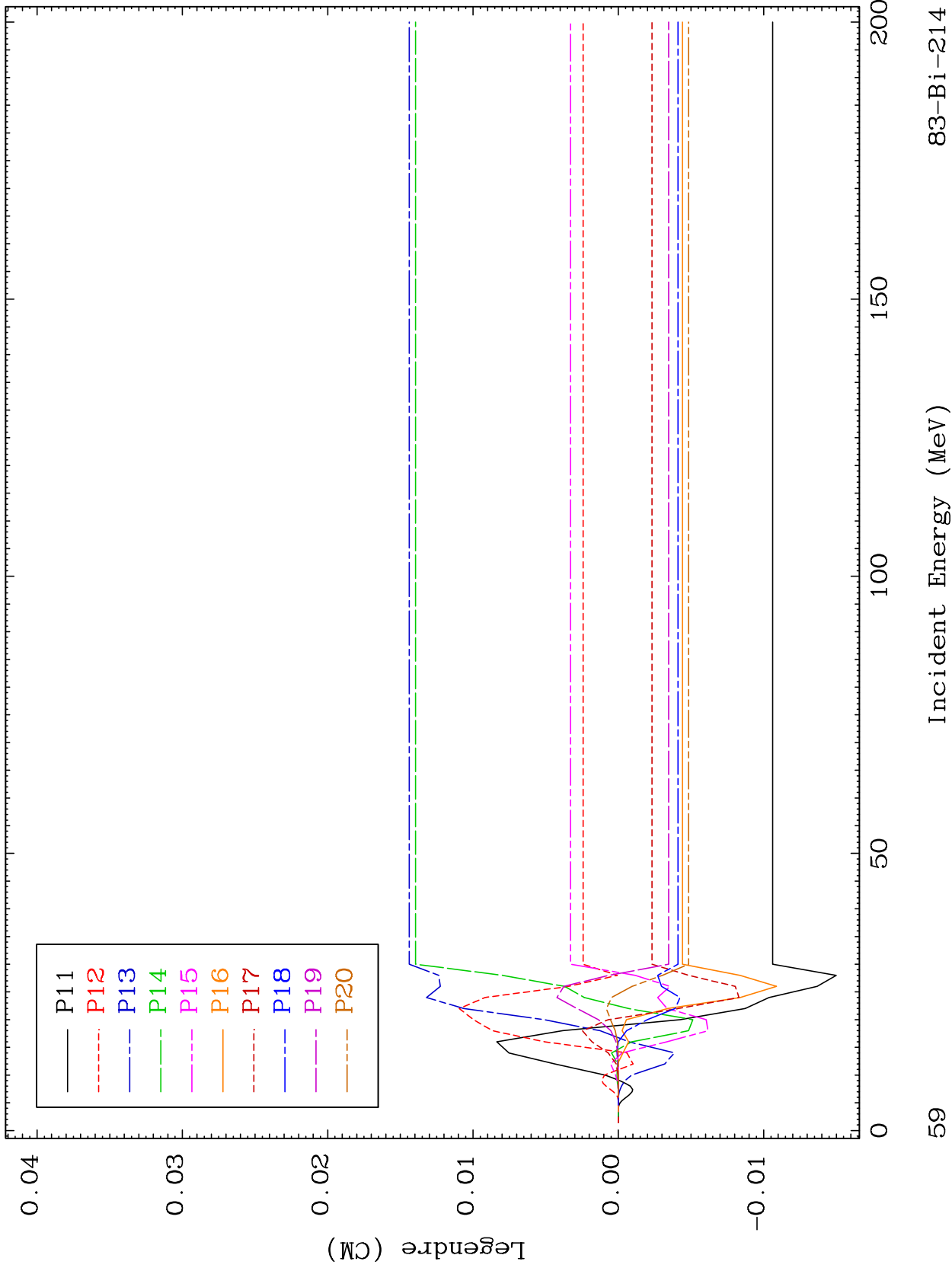




MAT 8340

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

83-Bi-214



59

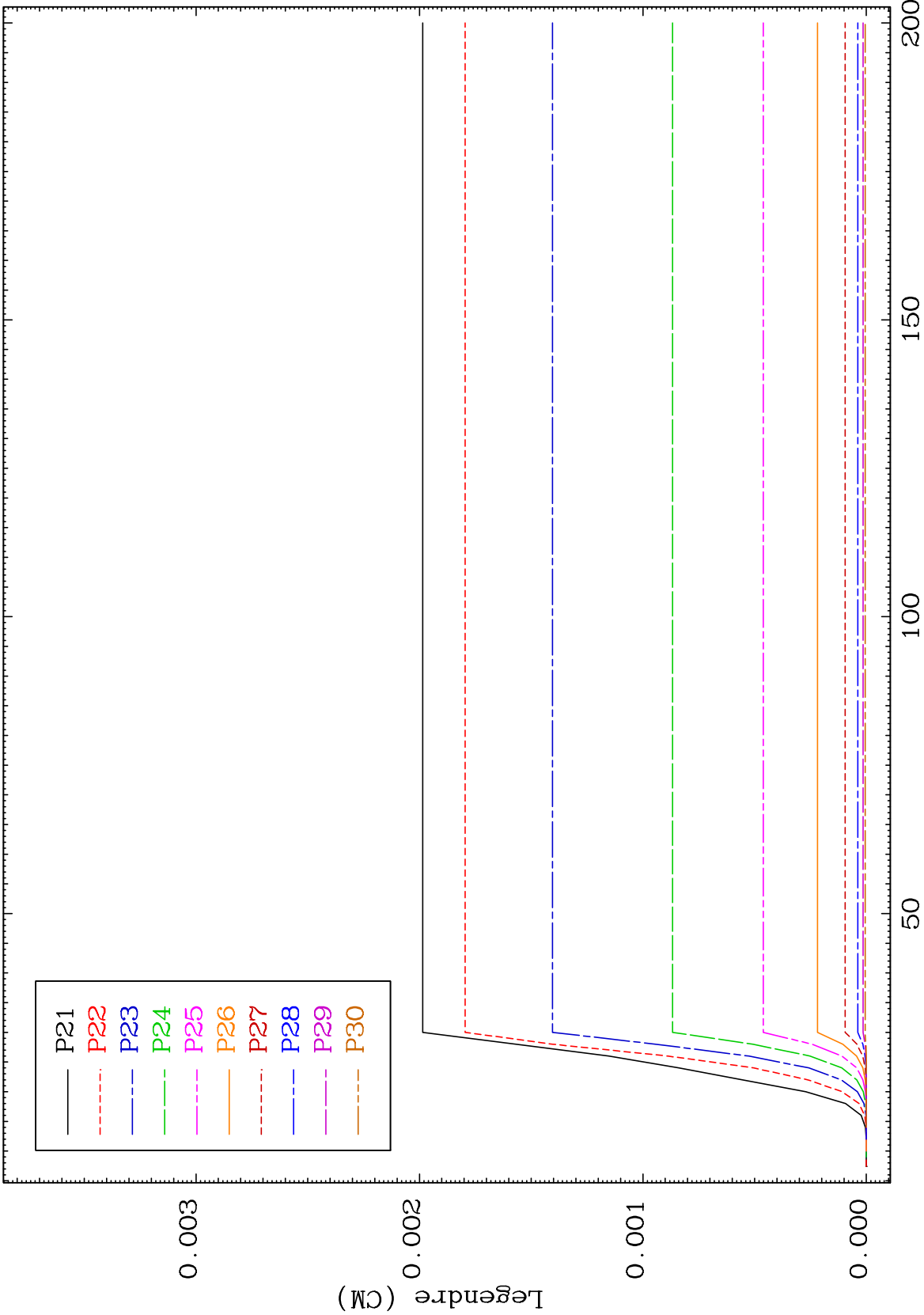
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



60

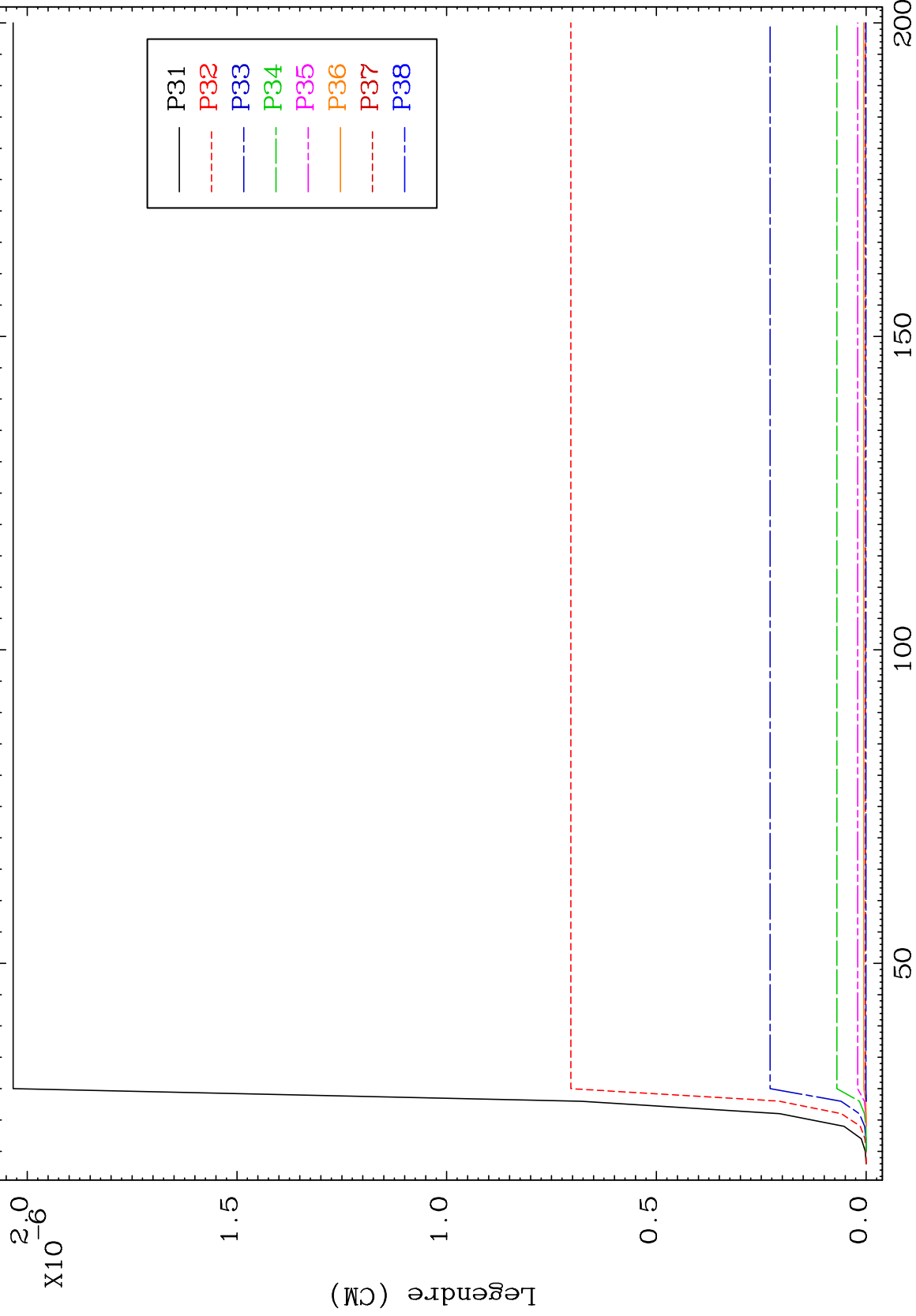
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



61

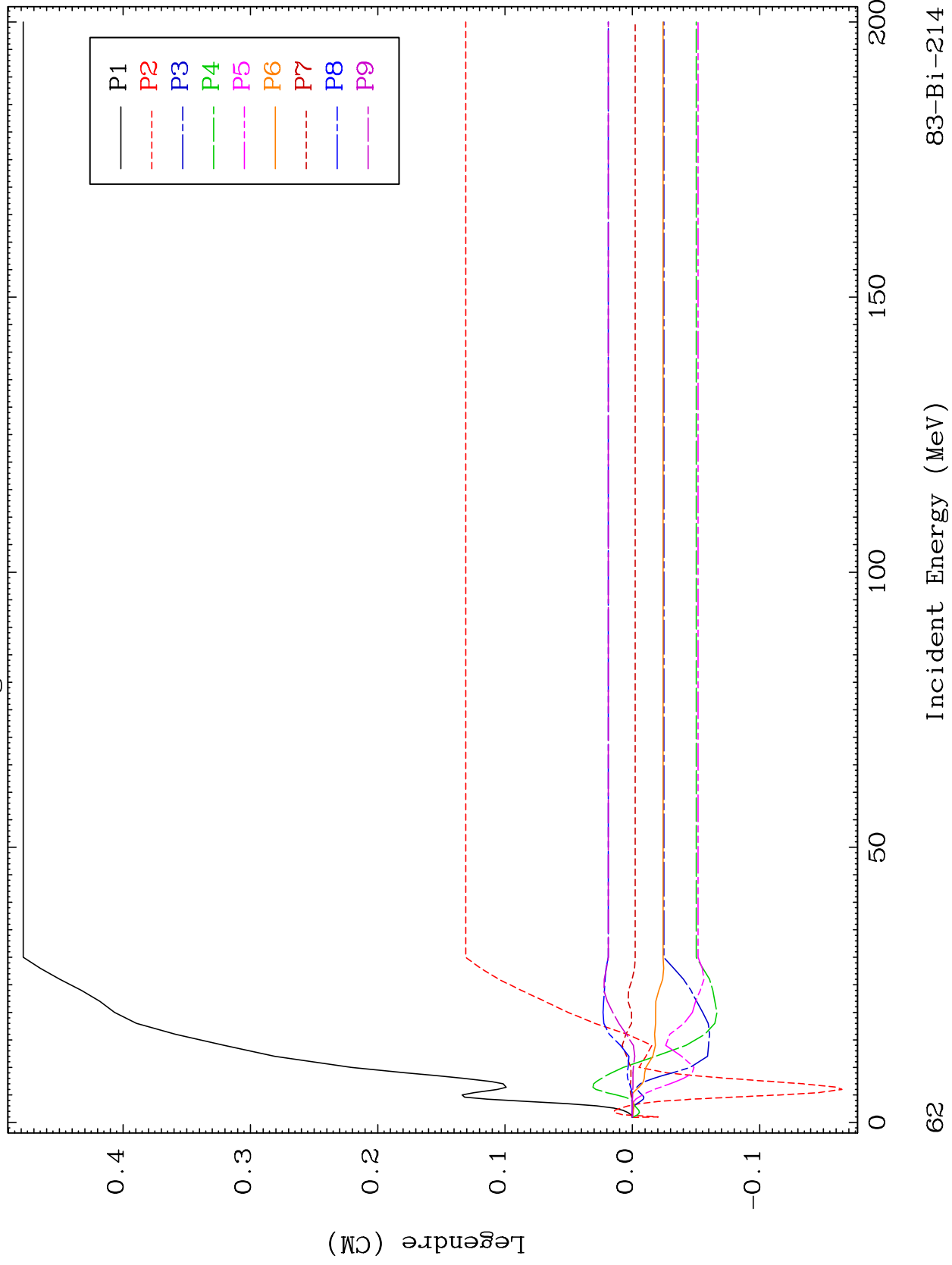
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



83-Bi-214

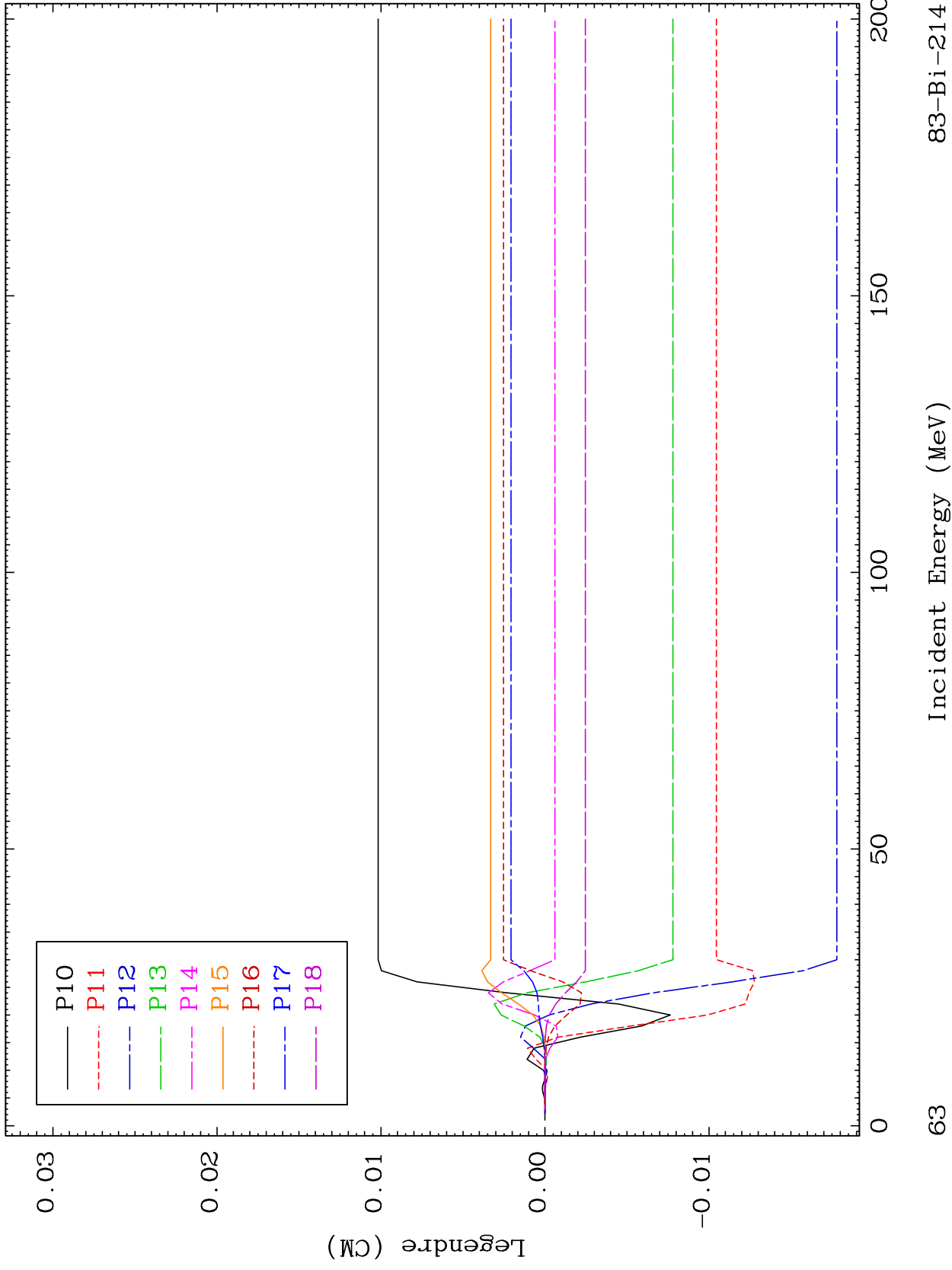
Incident Energy (MeV)

62

MAT 8340

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

83-Bi-214



63

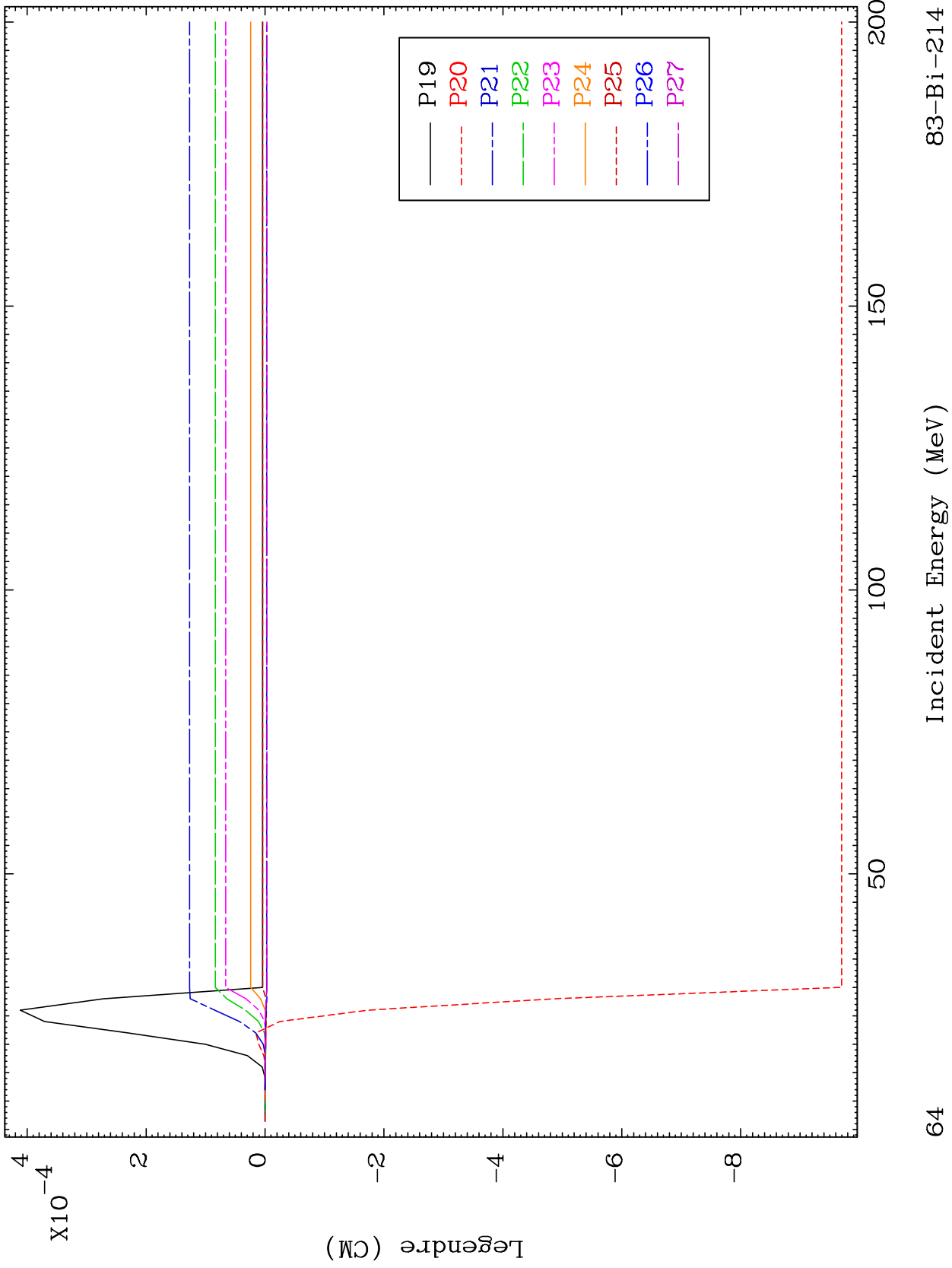
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



64

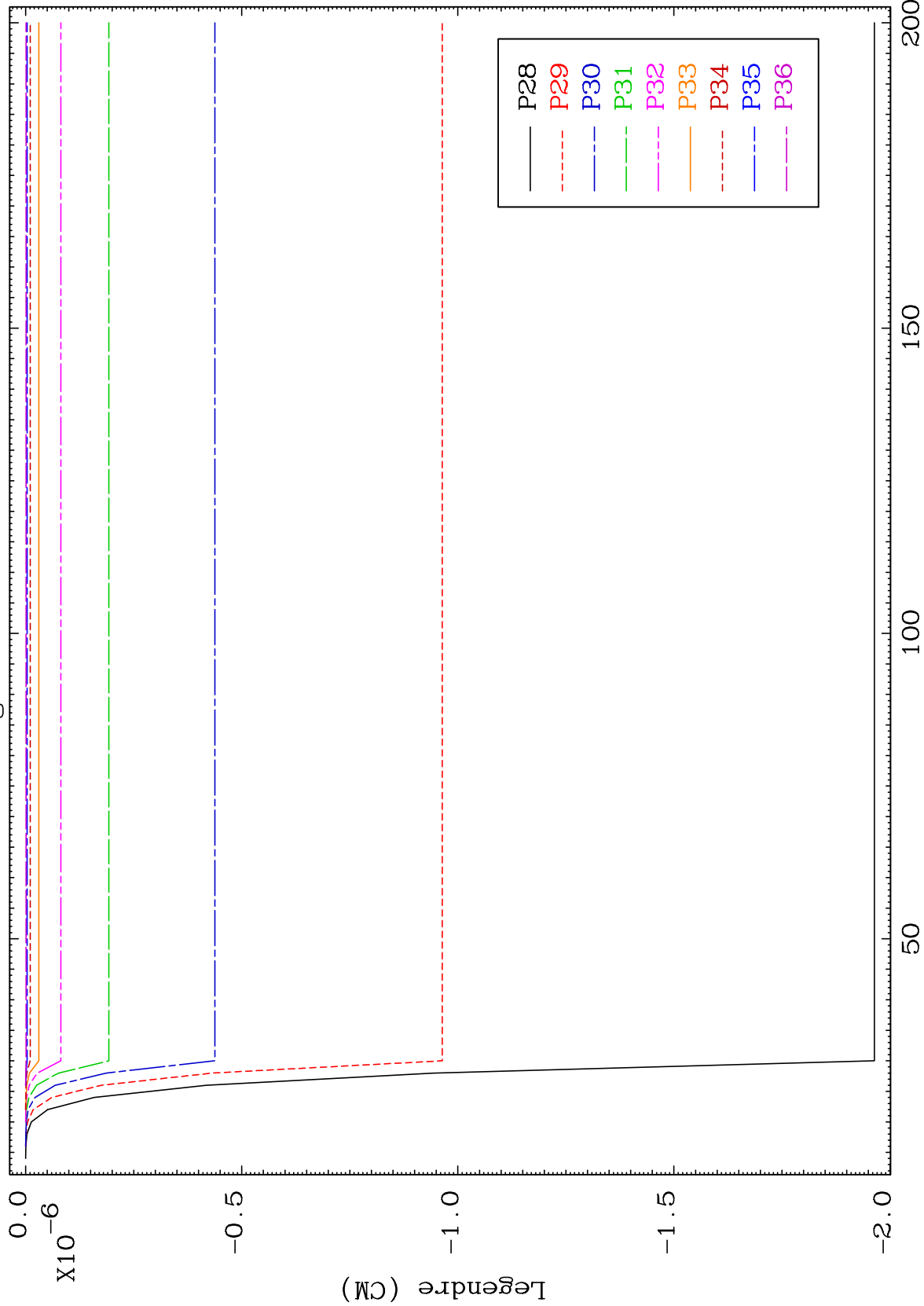
Incident Energy (MeV)

83-Bi-214

MAT 8340

83-Bi-214

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



65

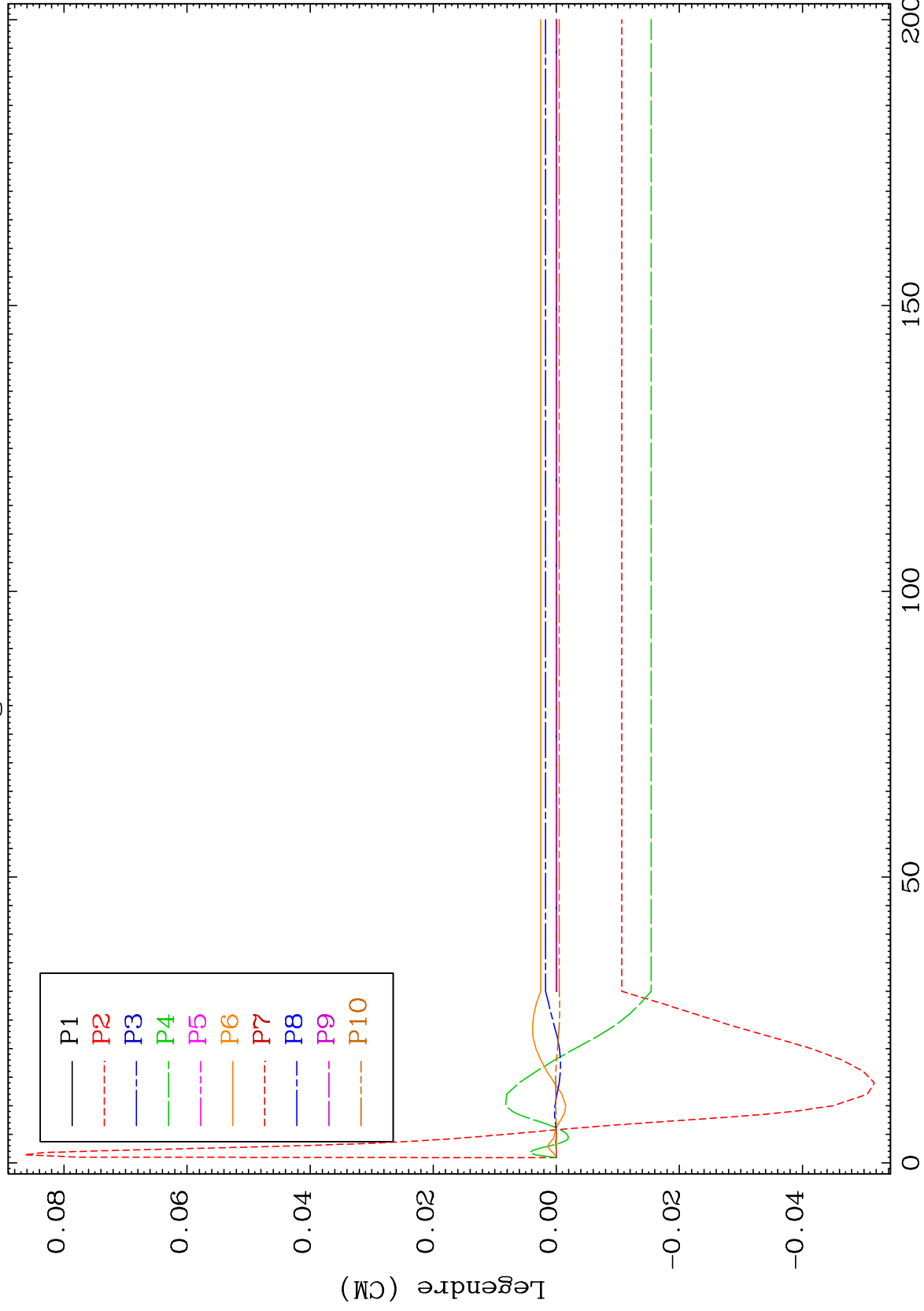
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



66

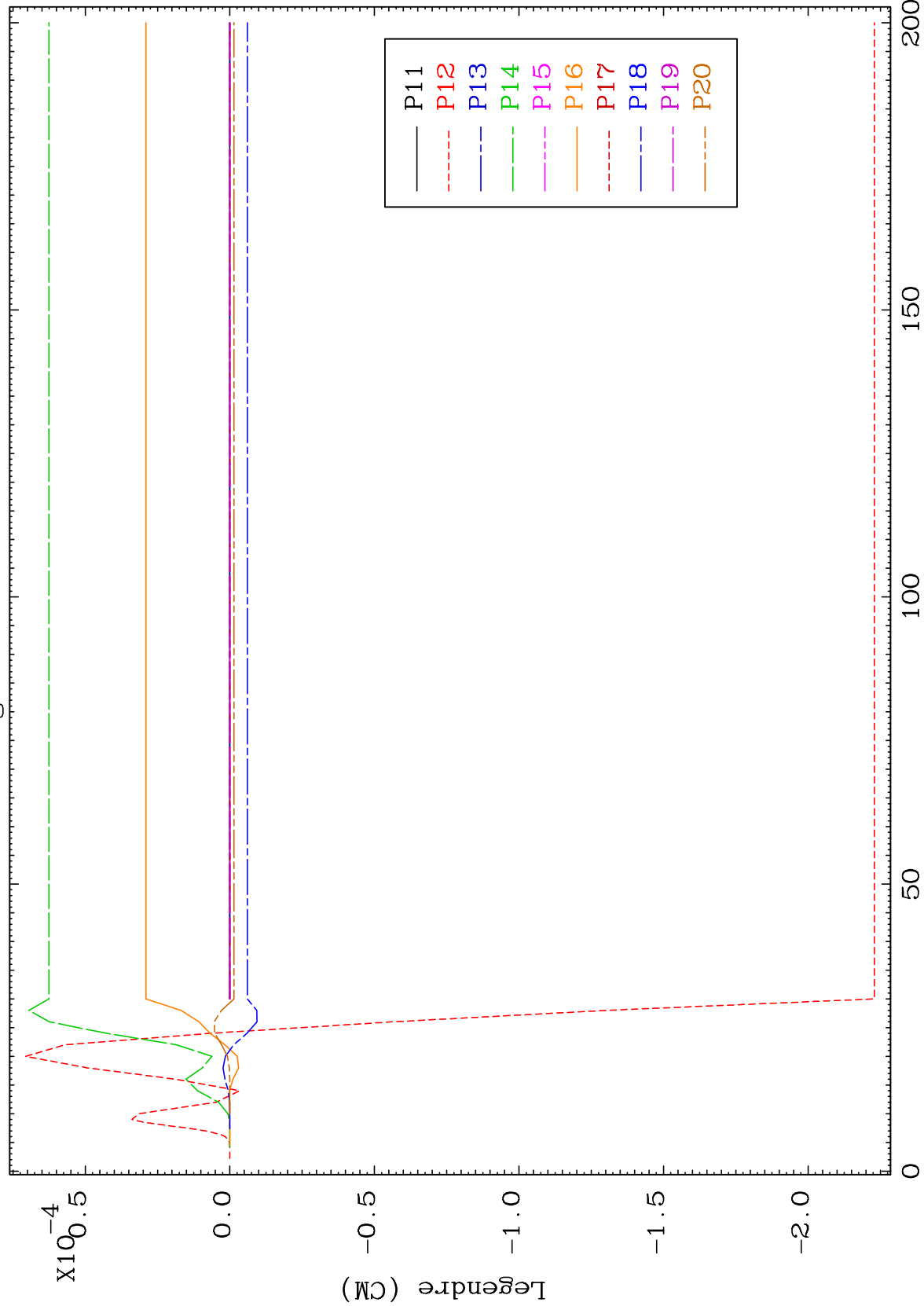
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

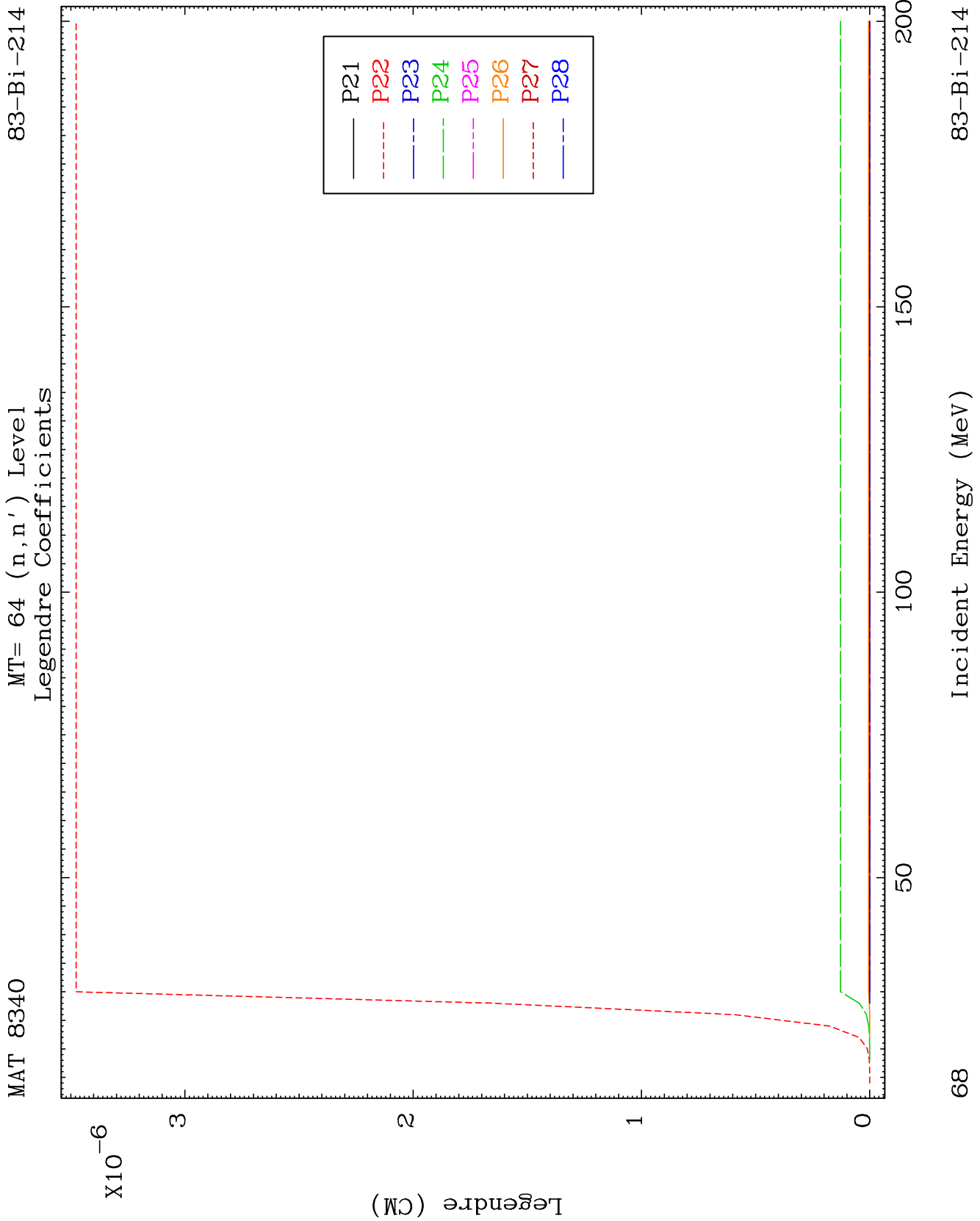
83-Bi-214



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Incident Energy (MeV)

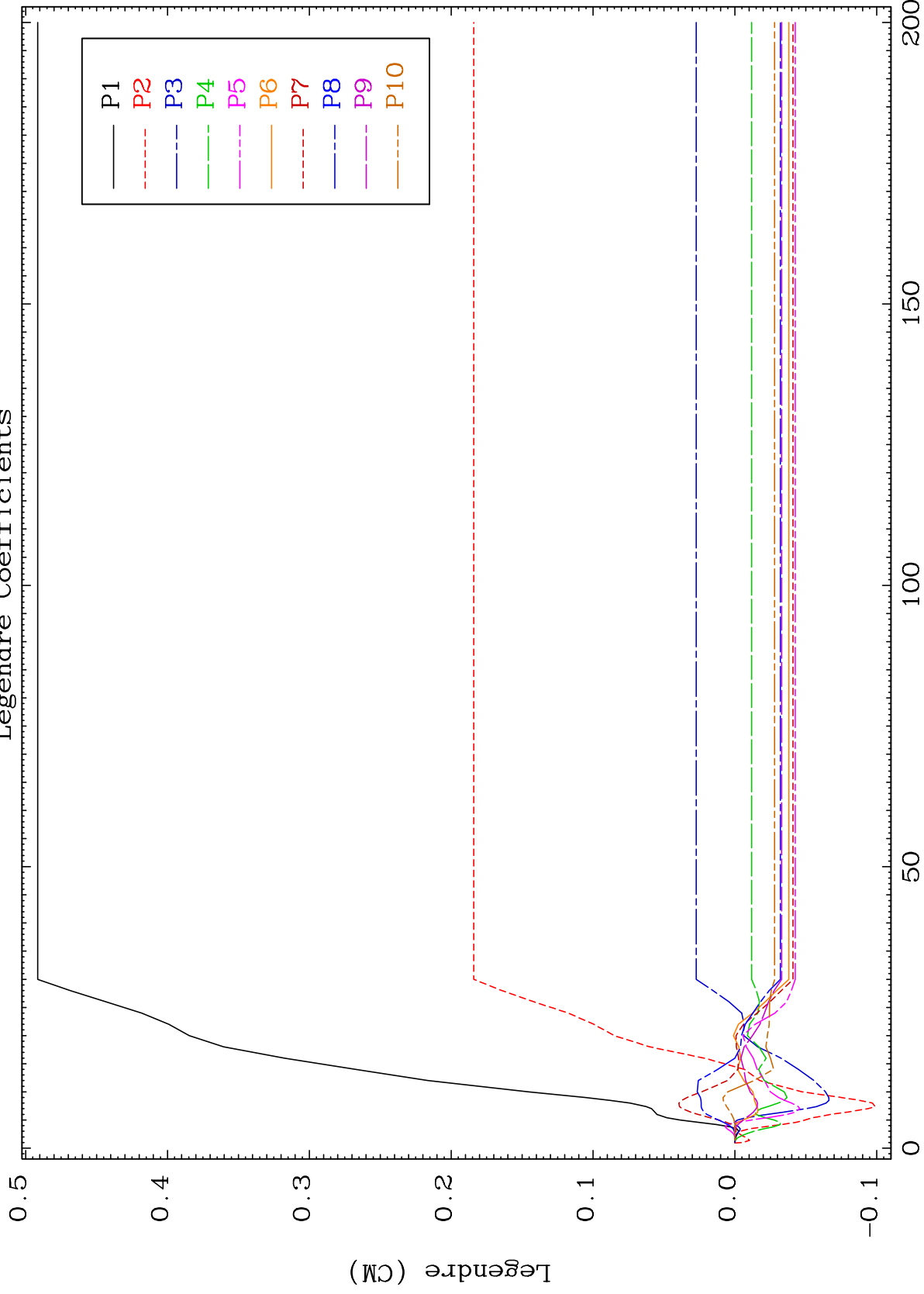
83-Bi-214



MAT 8340

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

83-Bi-214



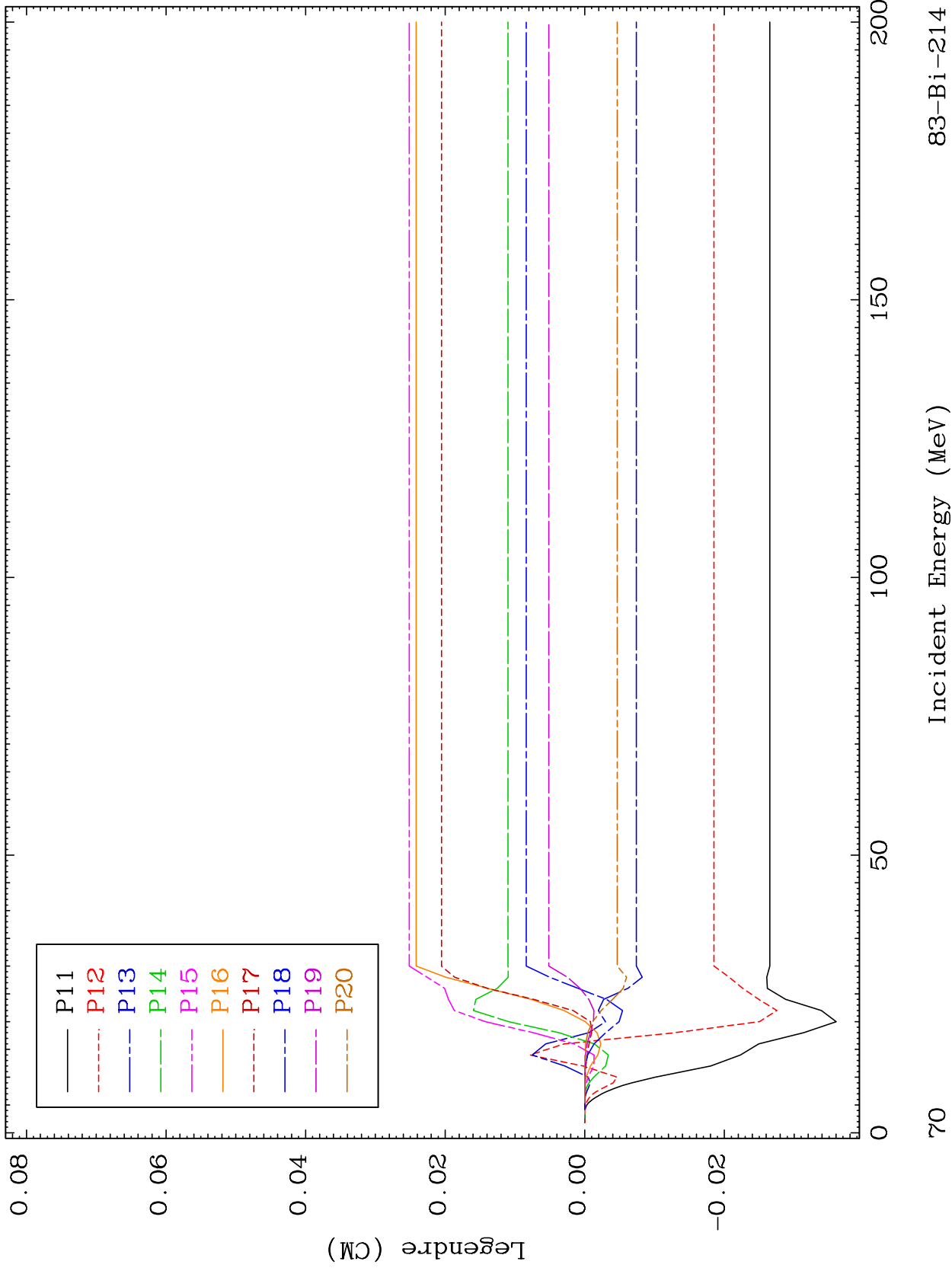
69

83-Bi-214

MAT 8340

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

83-Bi-214



83-Bi-214

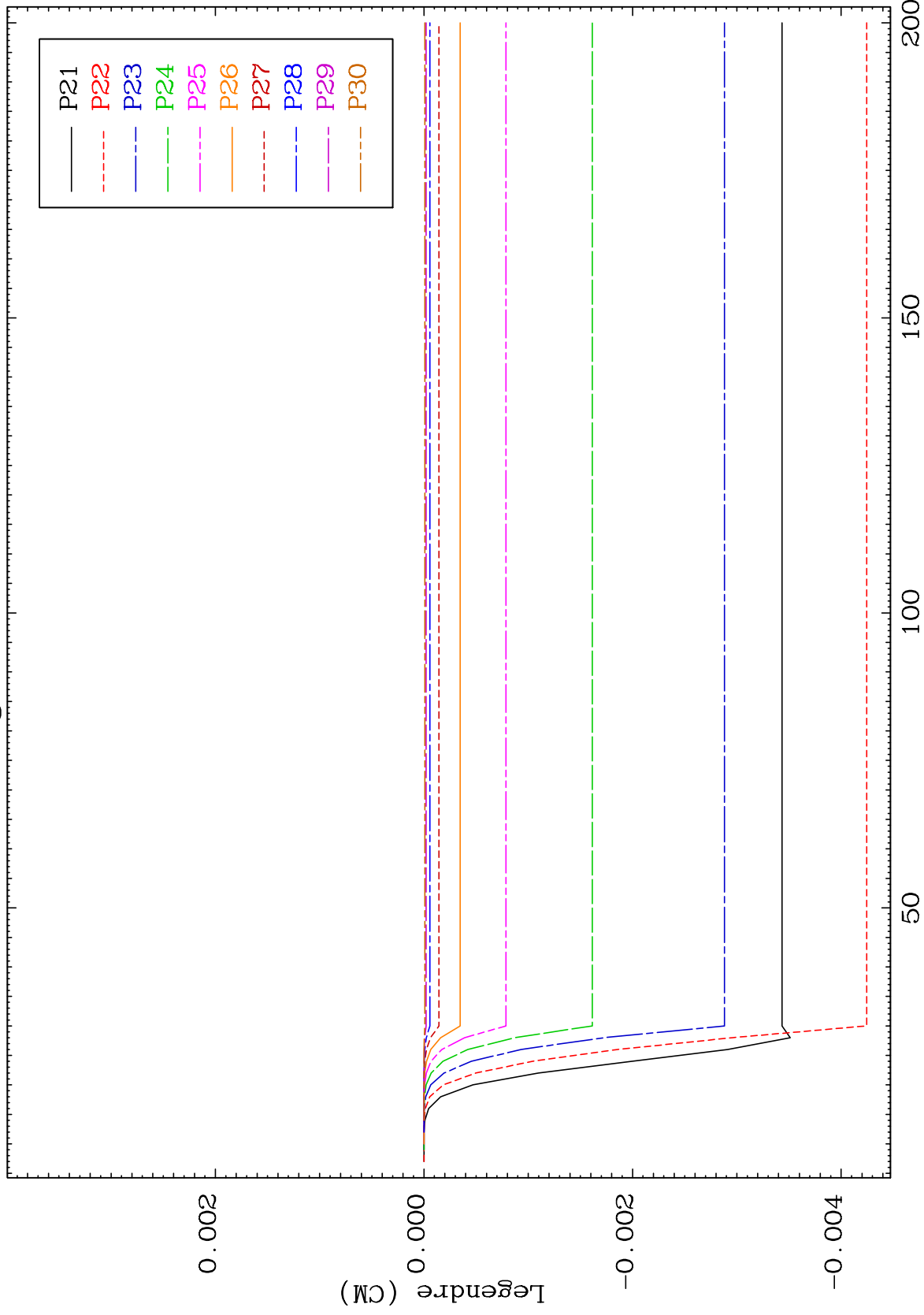
Incident Energy (MeV)

70

MAT 8340

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

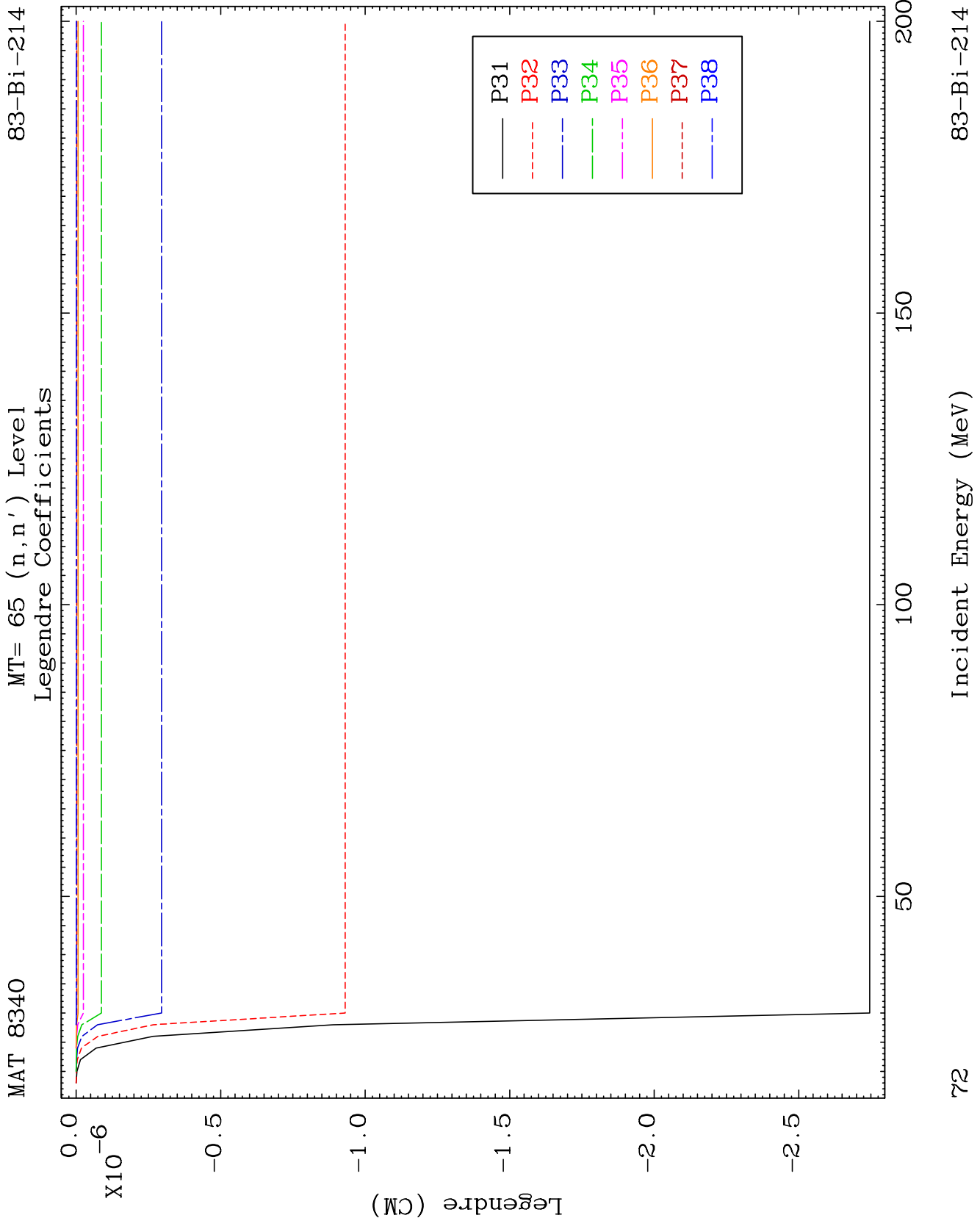
83-Bi-214



71

Incident Energy (MeV)

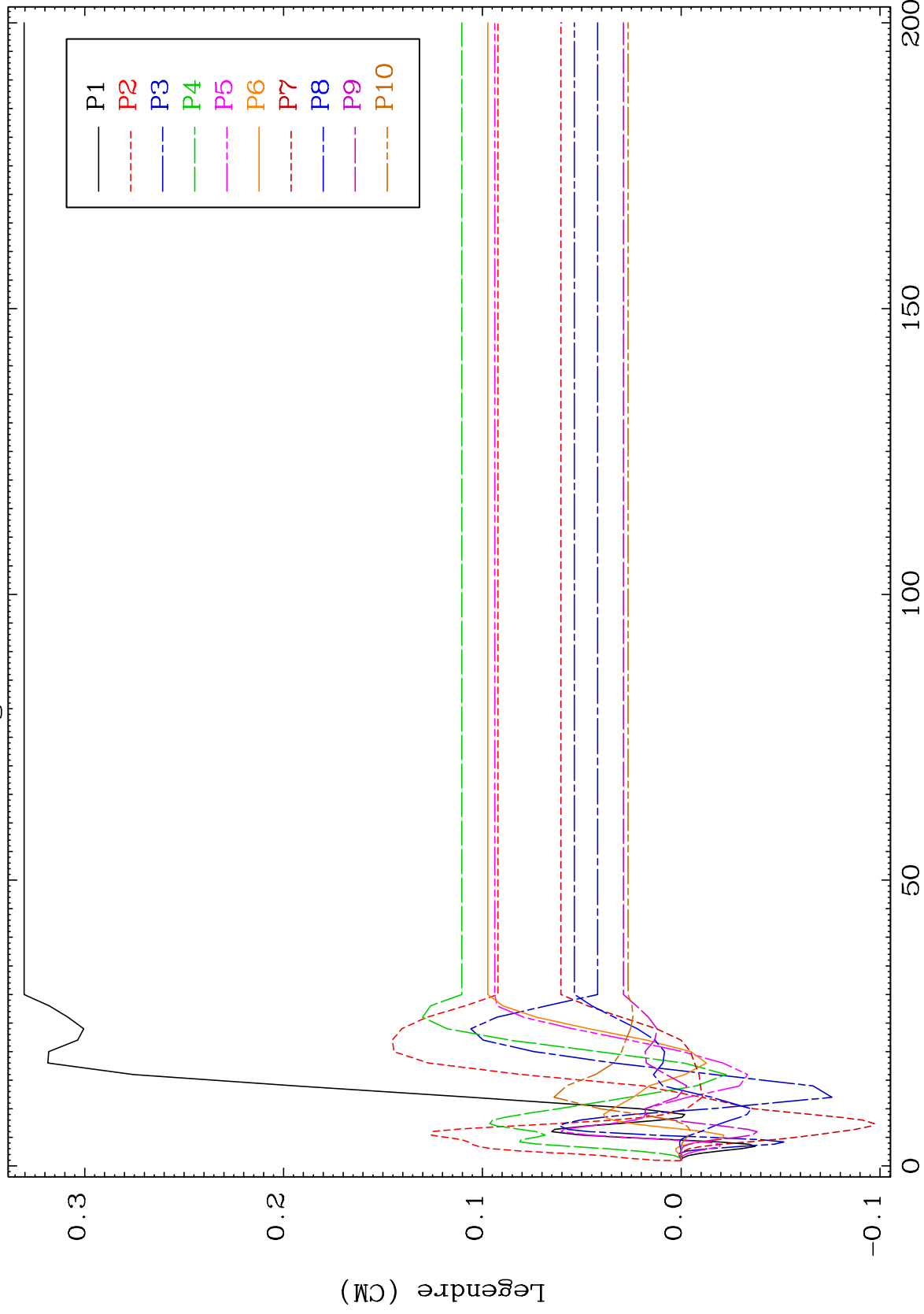
83-Bi-214



MAT 8340

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

83-Bi-214



73

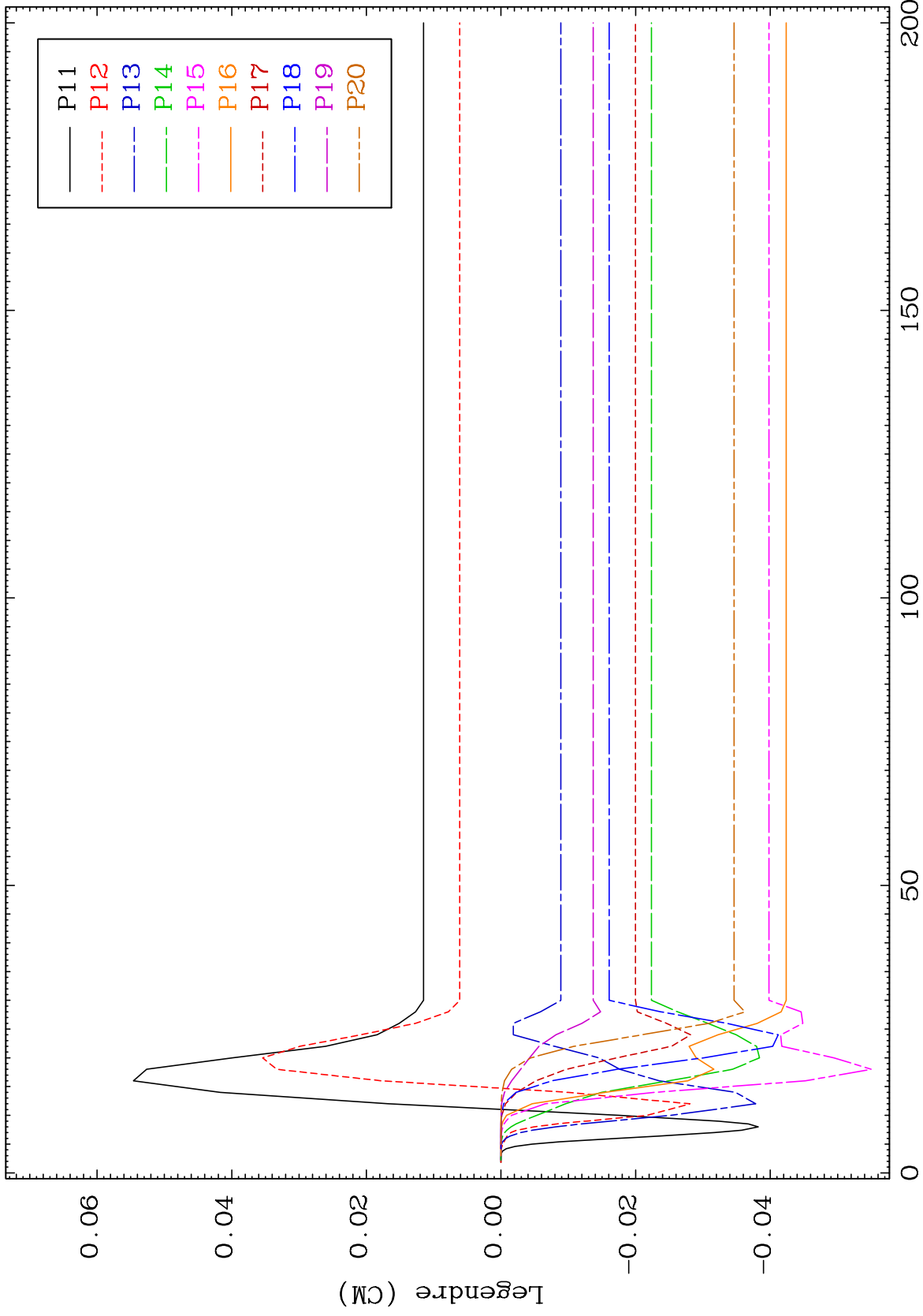
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

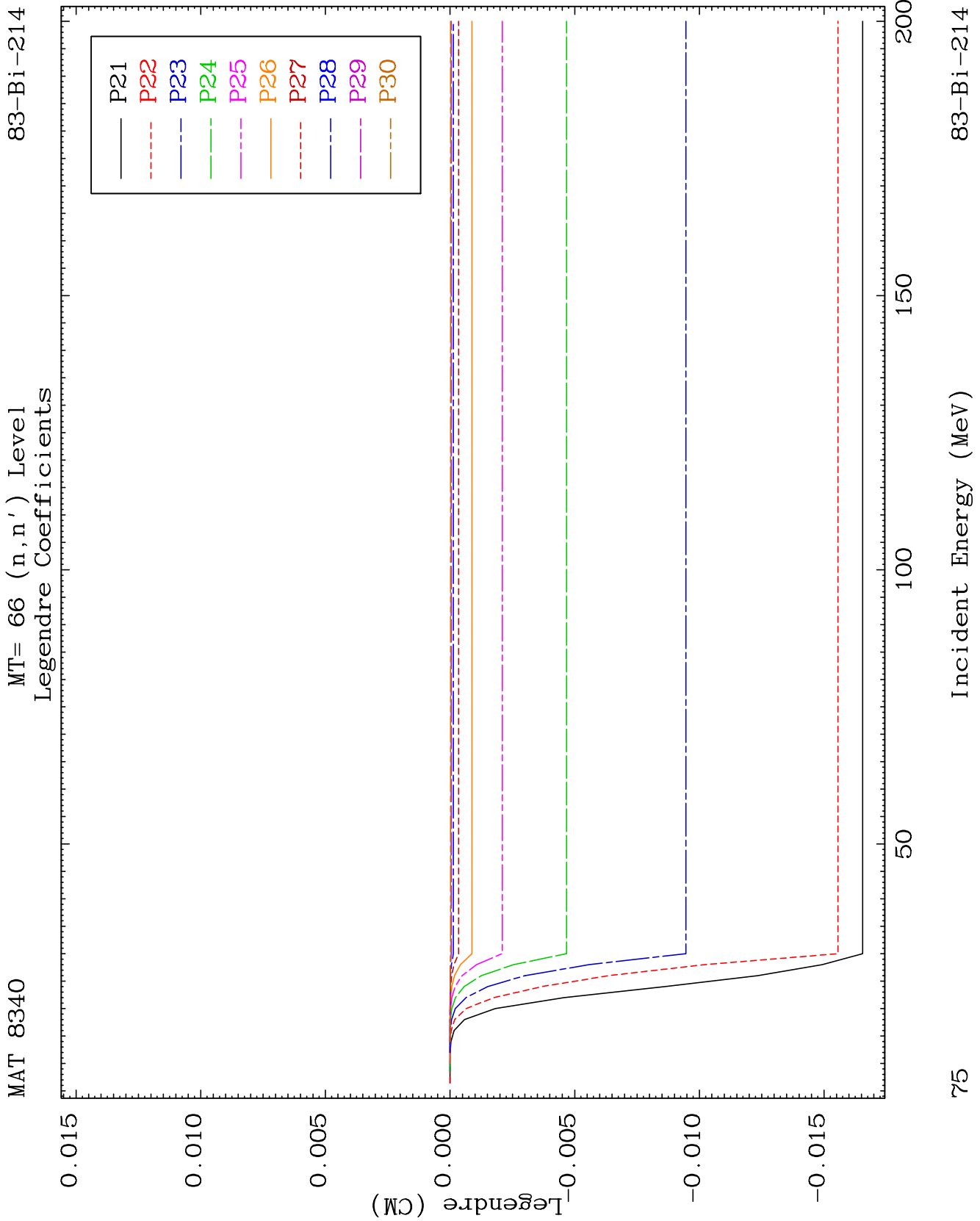
83-Bi-214



74

Incident Energy (MeV)

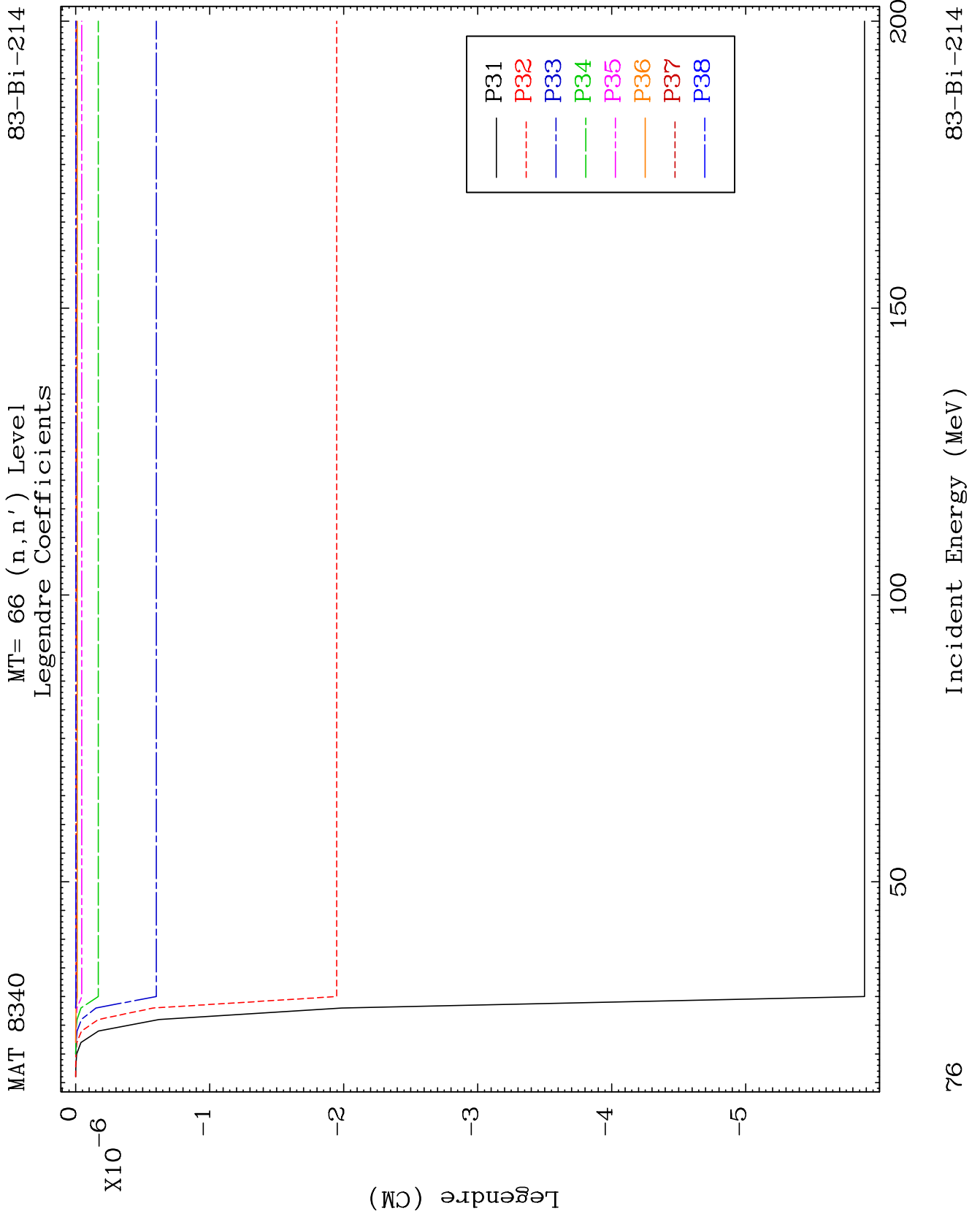
83-Bi-214



83-Bi-214

Incident Energy (MeV)

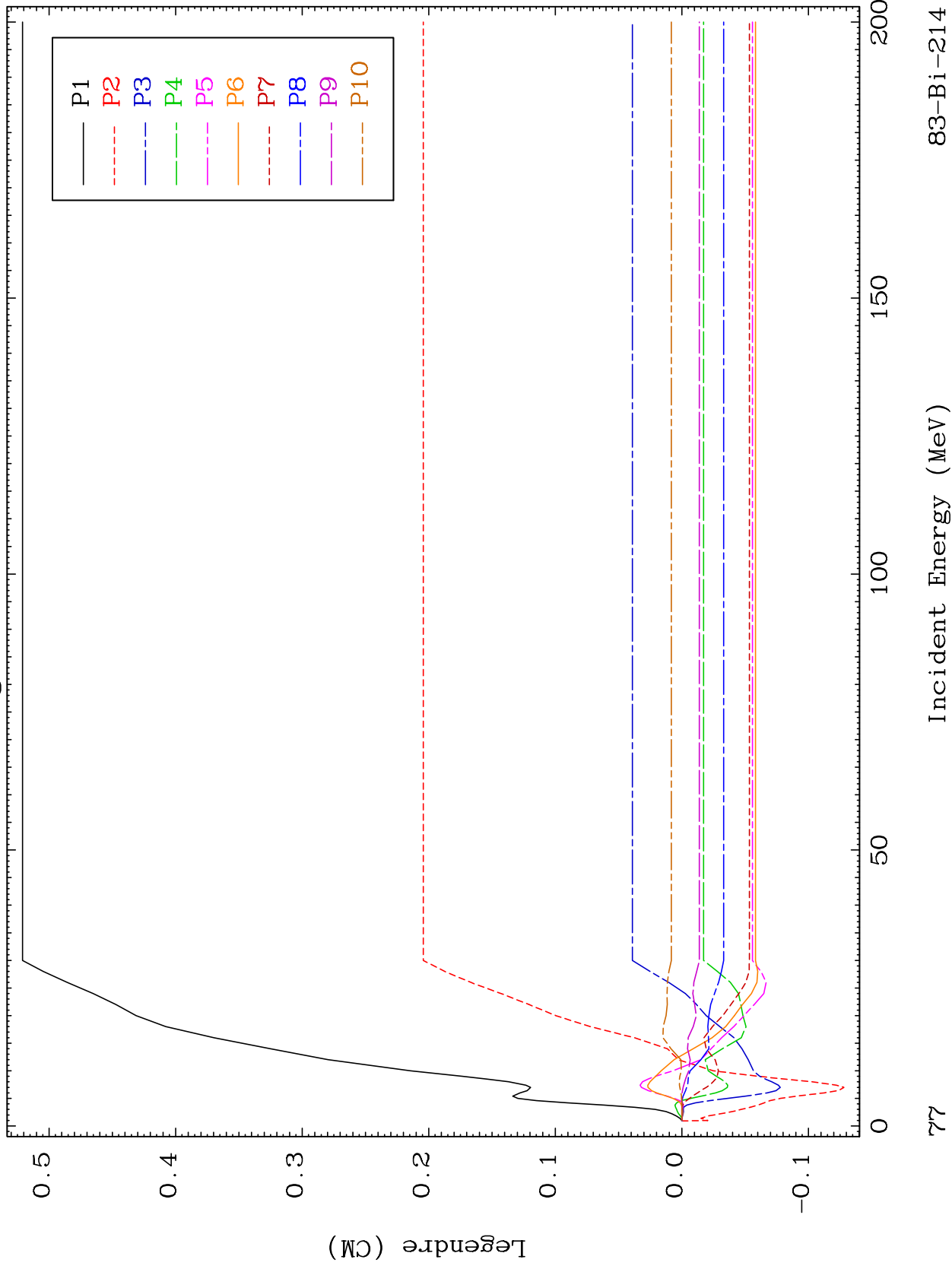
75



MAT 8340

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

83-Bi-214



83-Bi-214

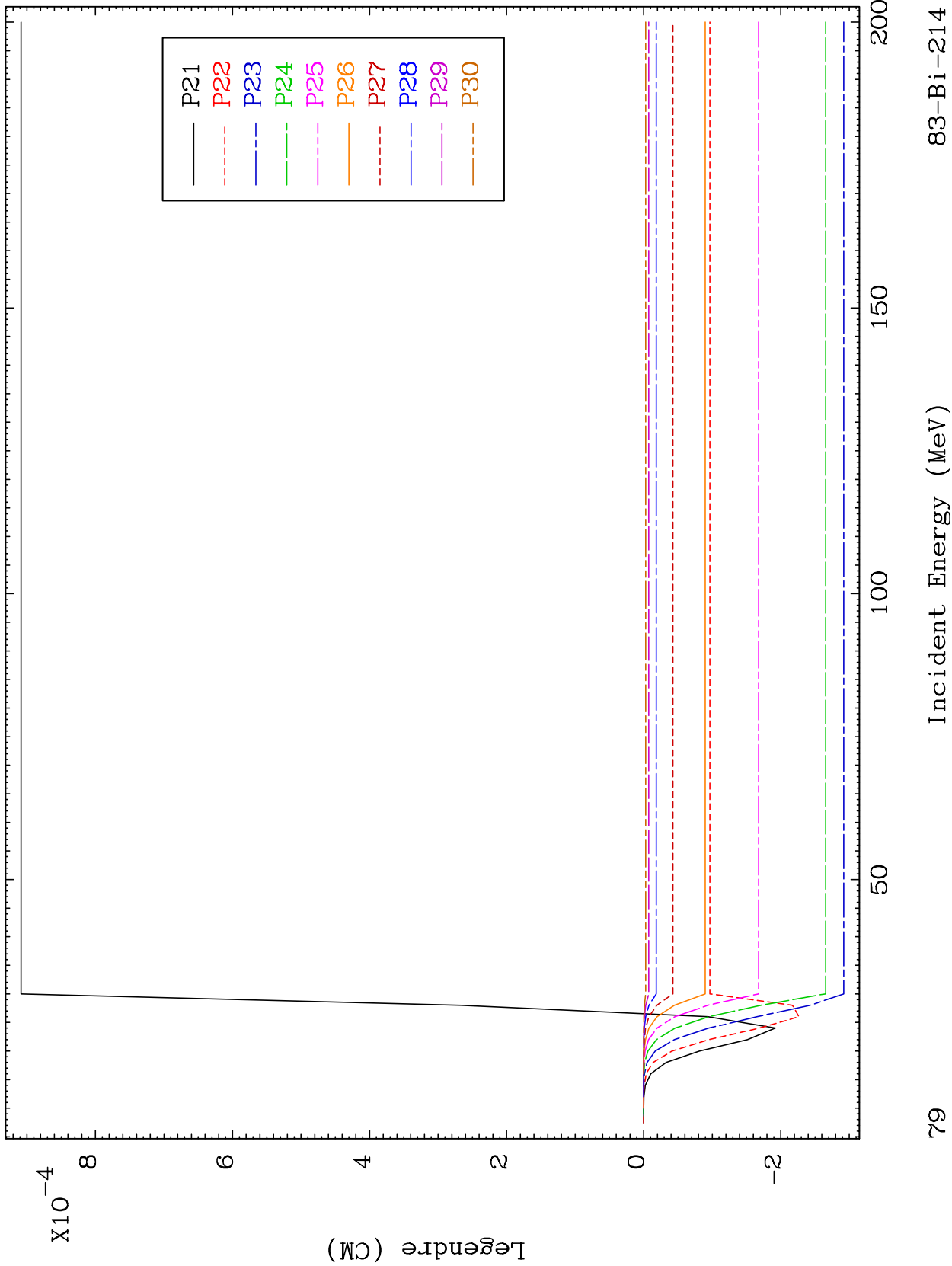
Incident Energy (MeV)

77

MAT 8340

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

83-Bi-214



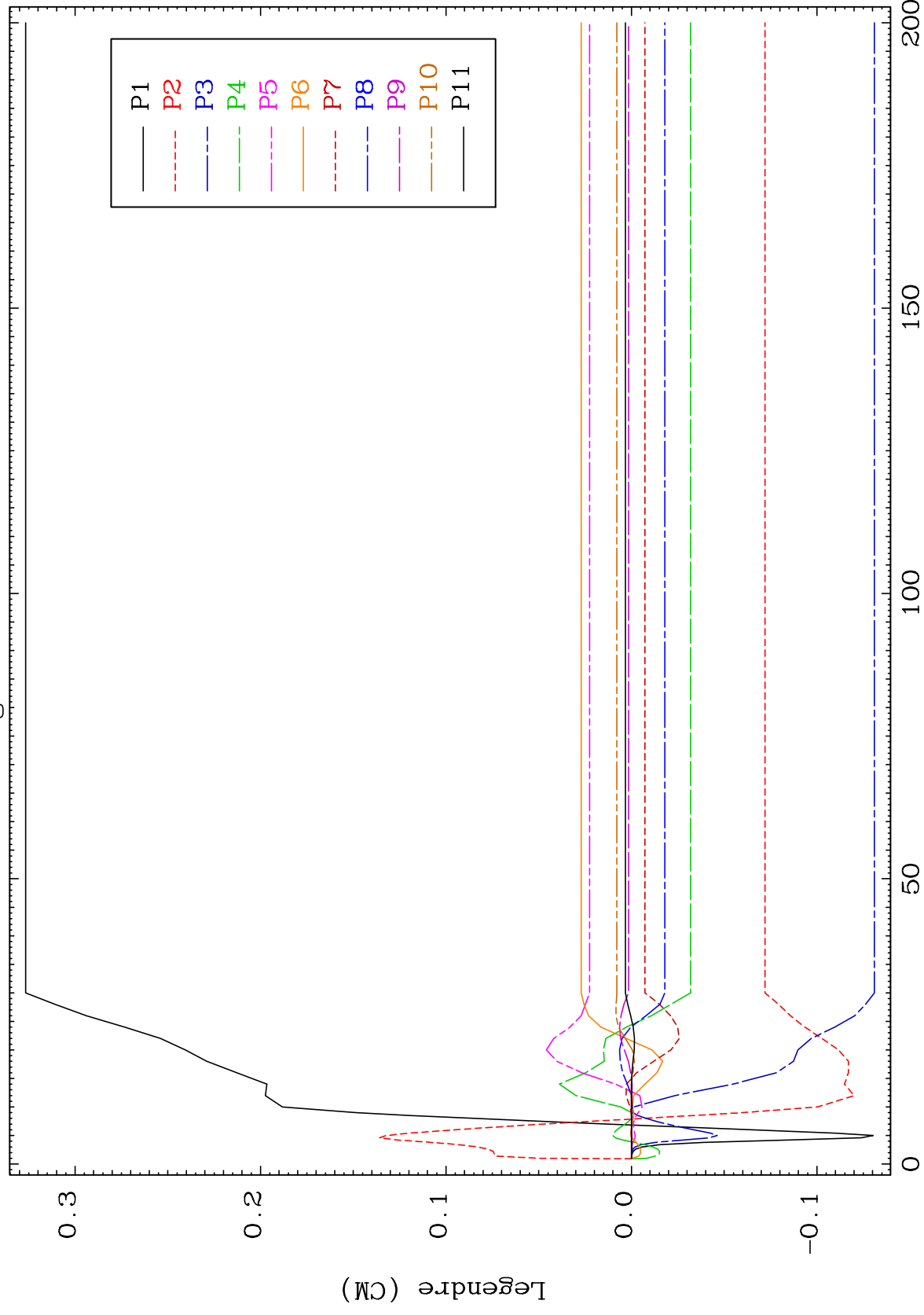
79

83-Bi-214

MAT 8340

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

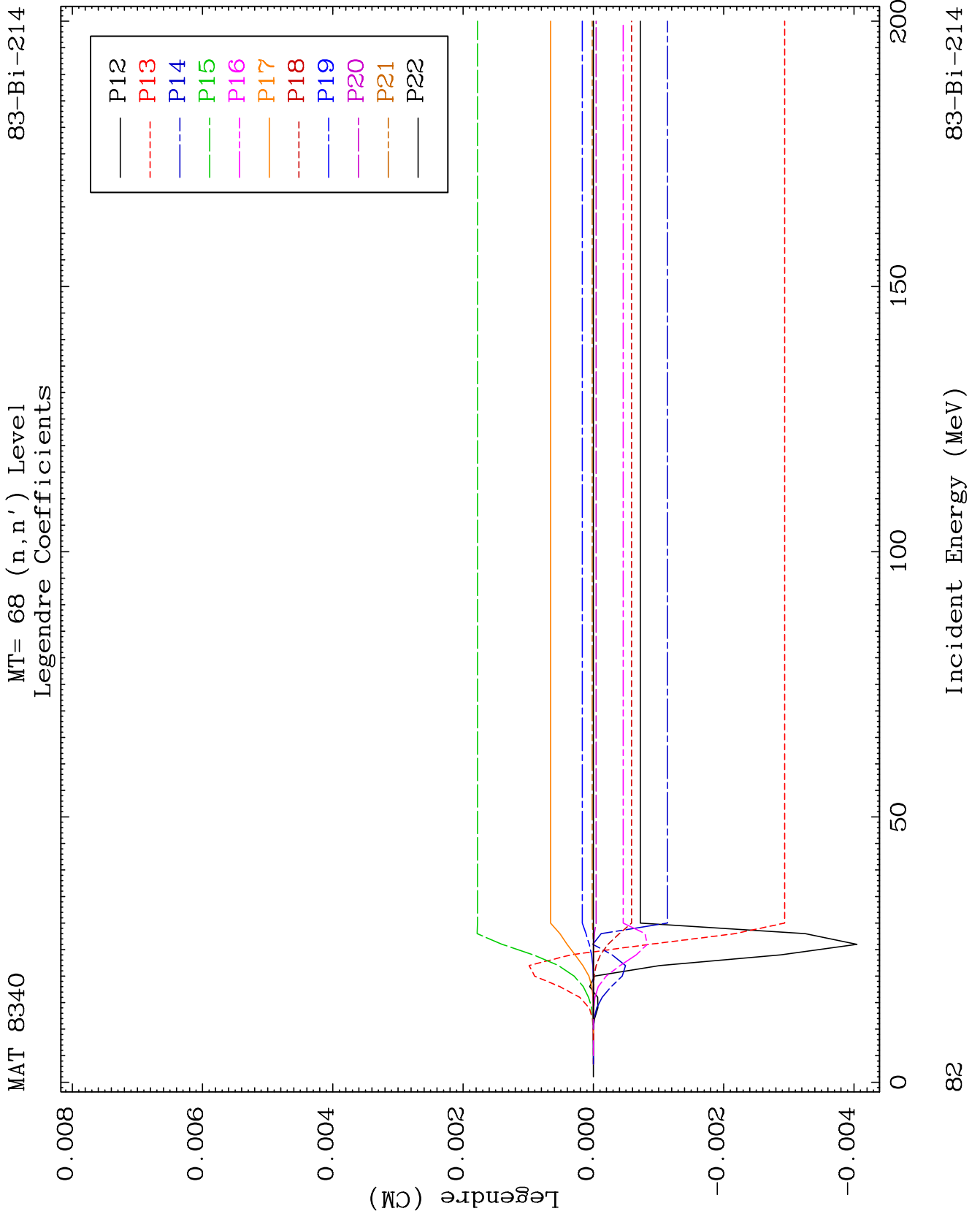
83-Bi-214

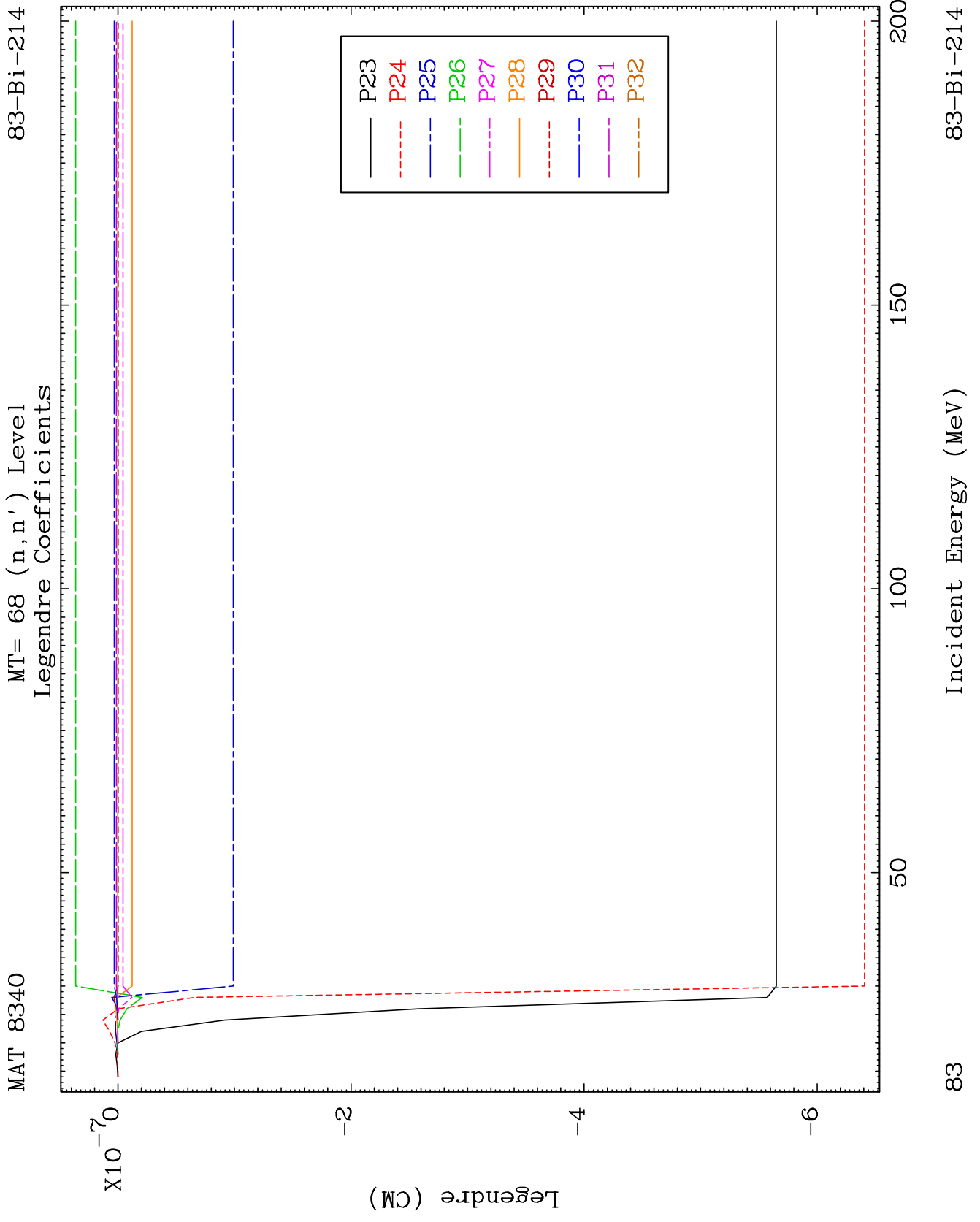


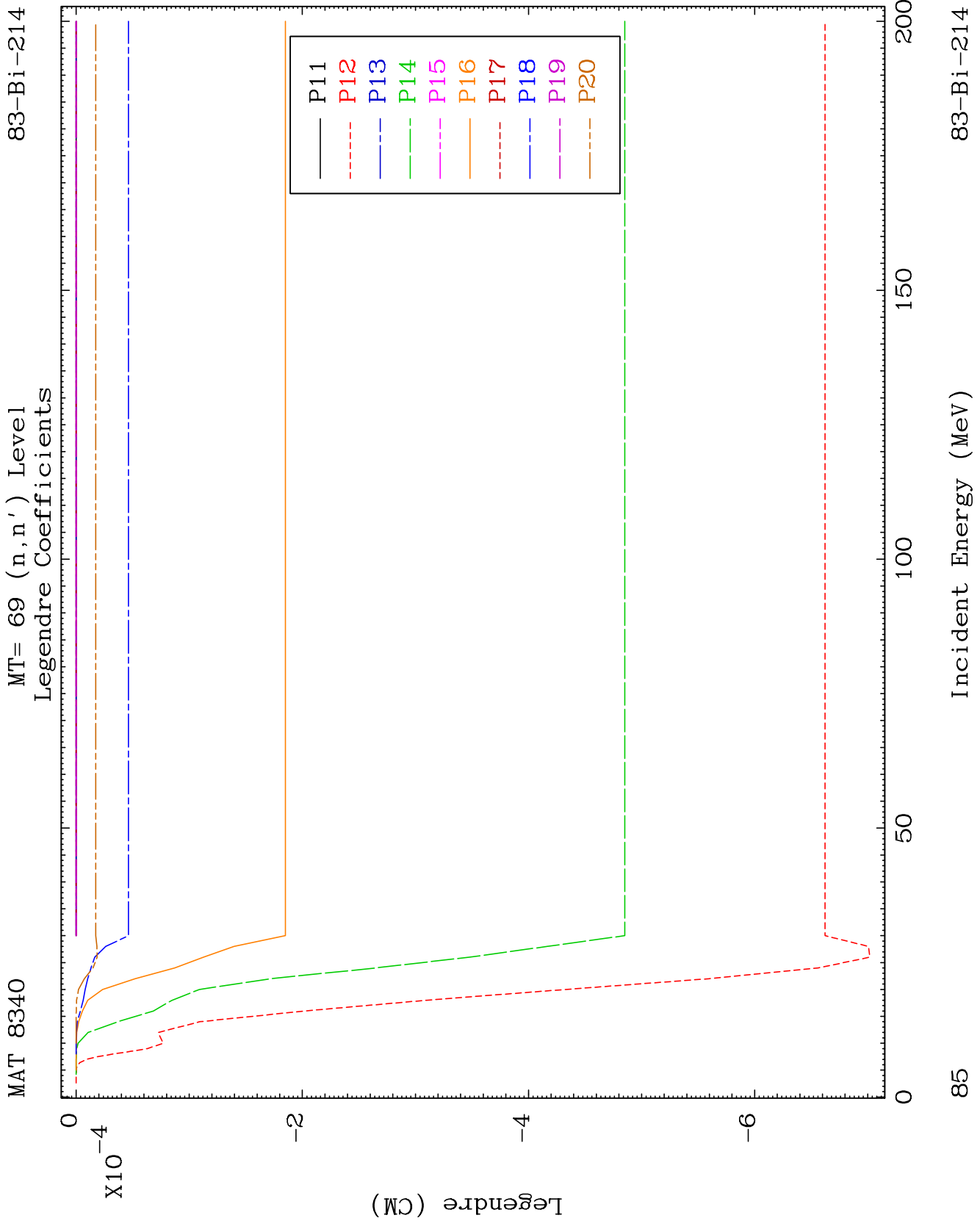
81

Incident Energy (MeV)

83-Bi-214



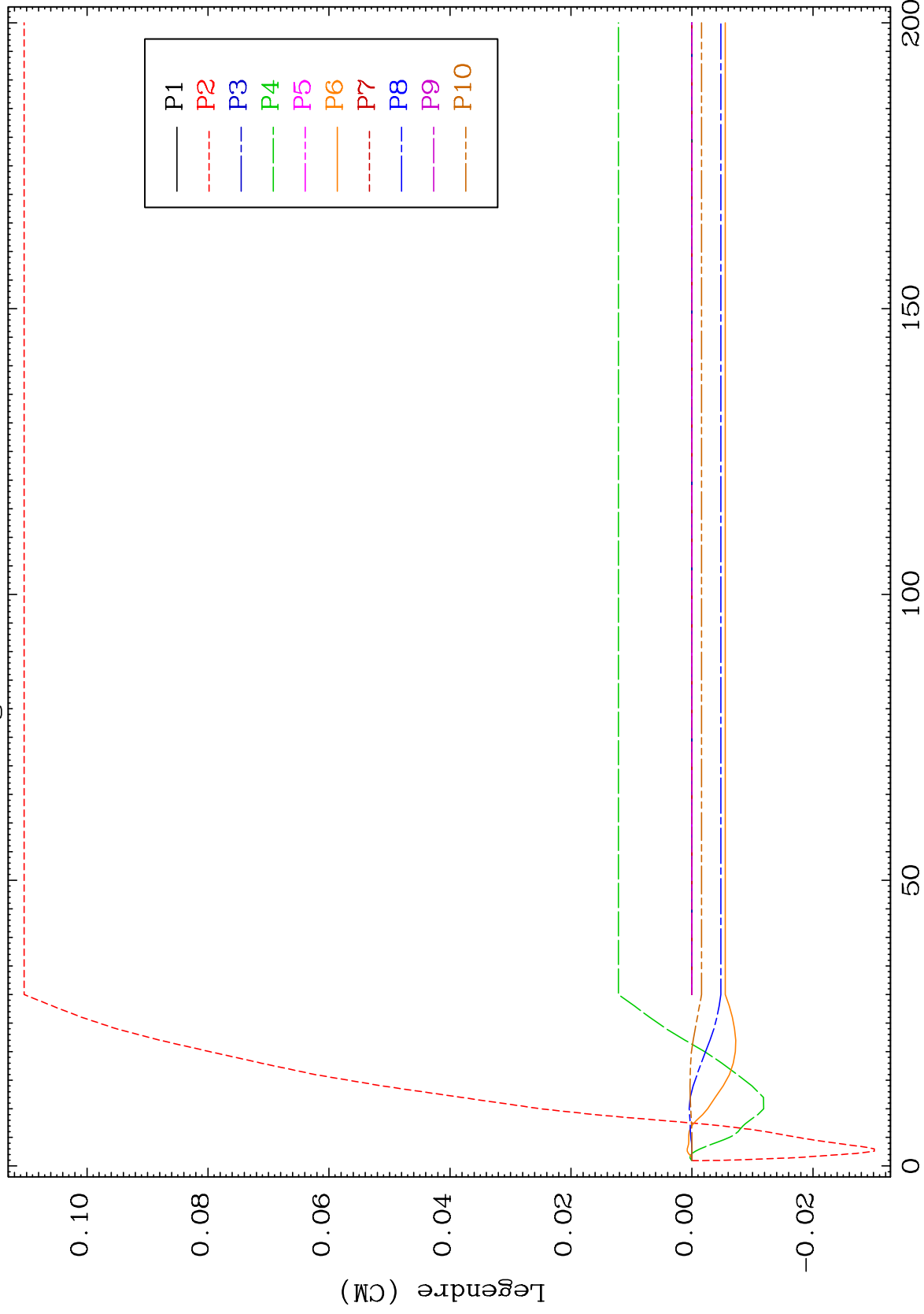




MAT 8340

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

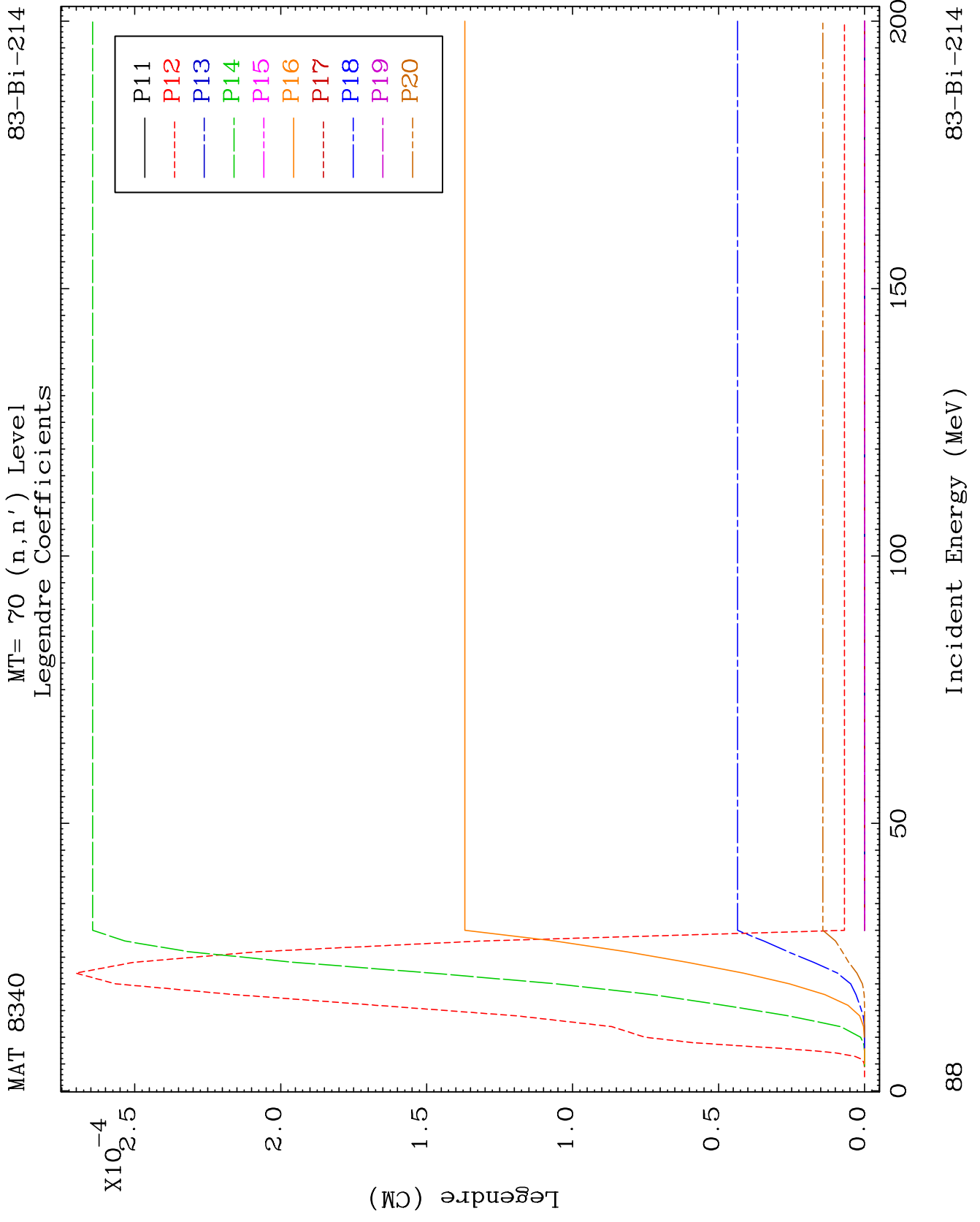
83-Bi-214



87

83-Bi-214

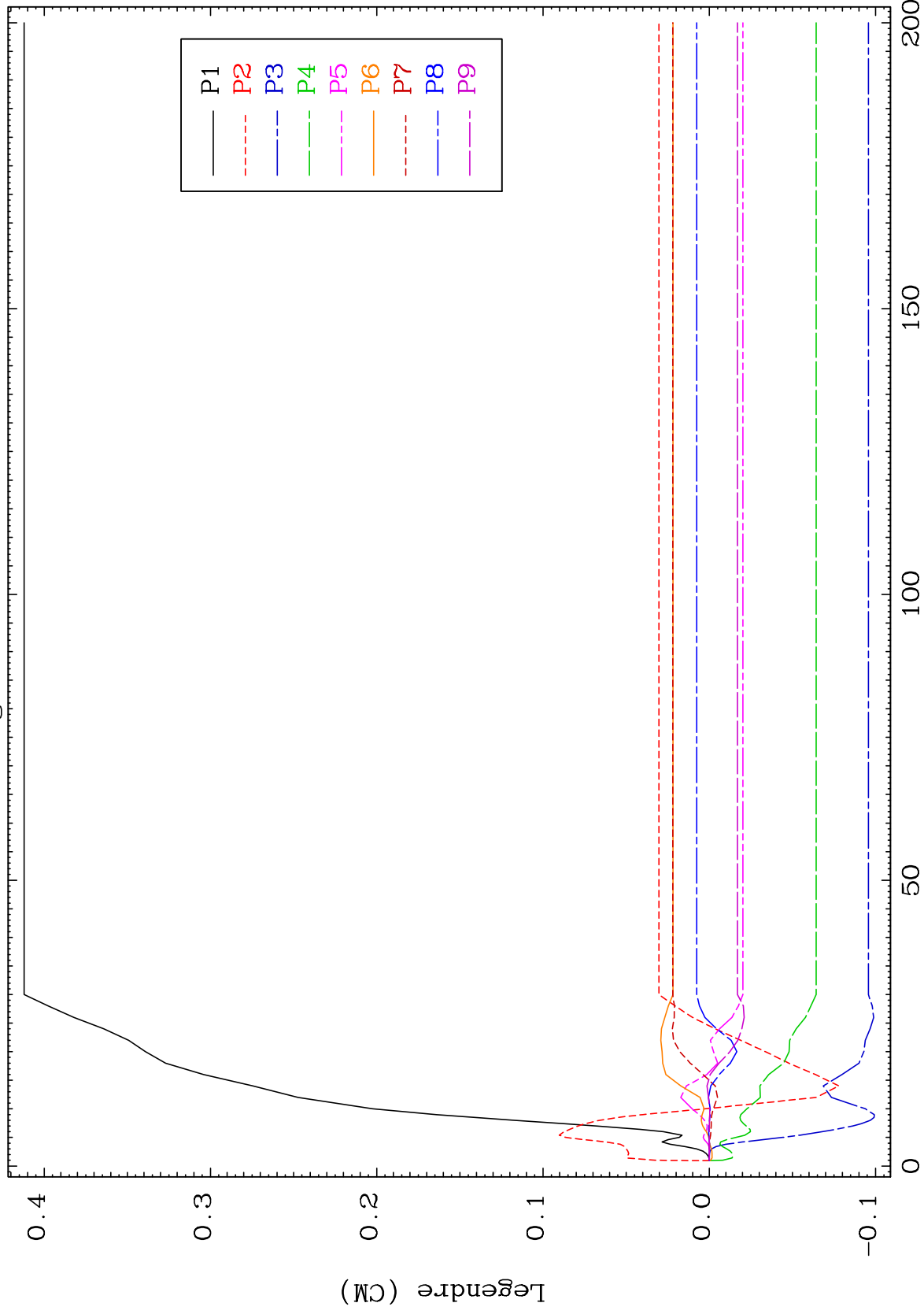
83-Bi-214



MAT 8340

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

83-Bi-214



90

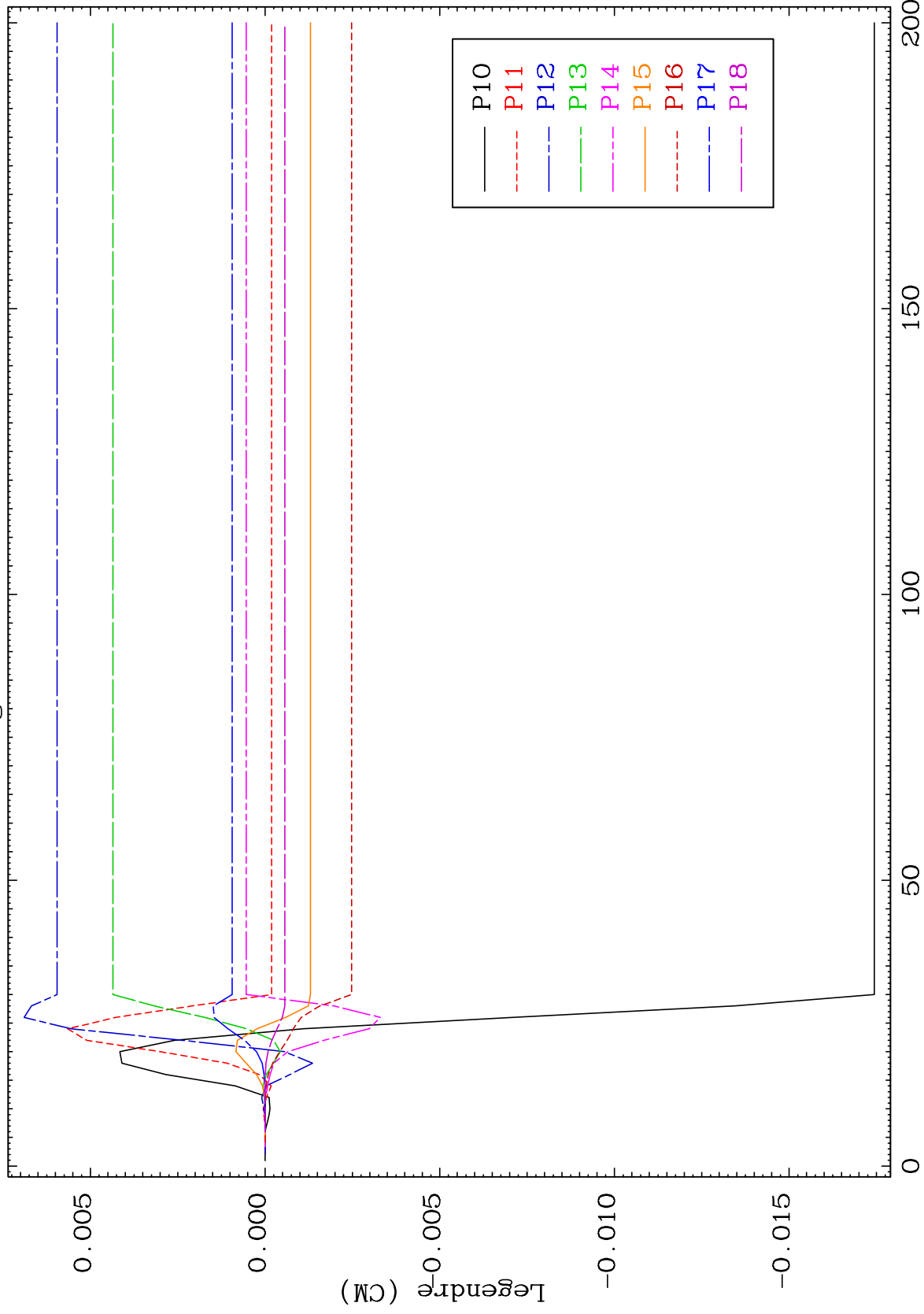
Incident Energy (MeV)

83-Bi-214

MAT 8340

83-Bi-214

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



91

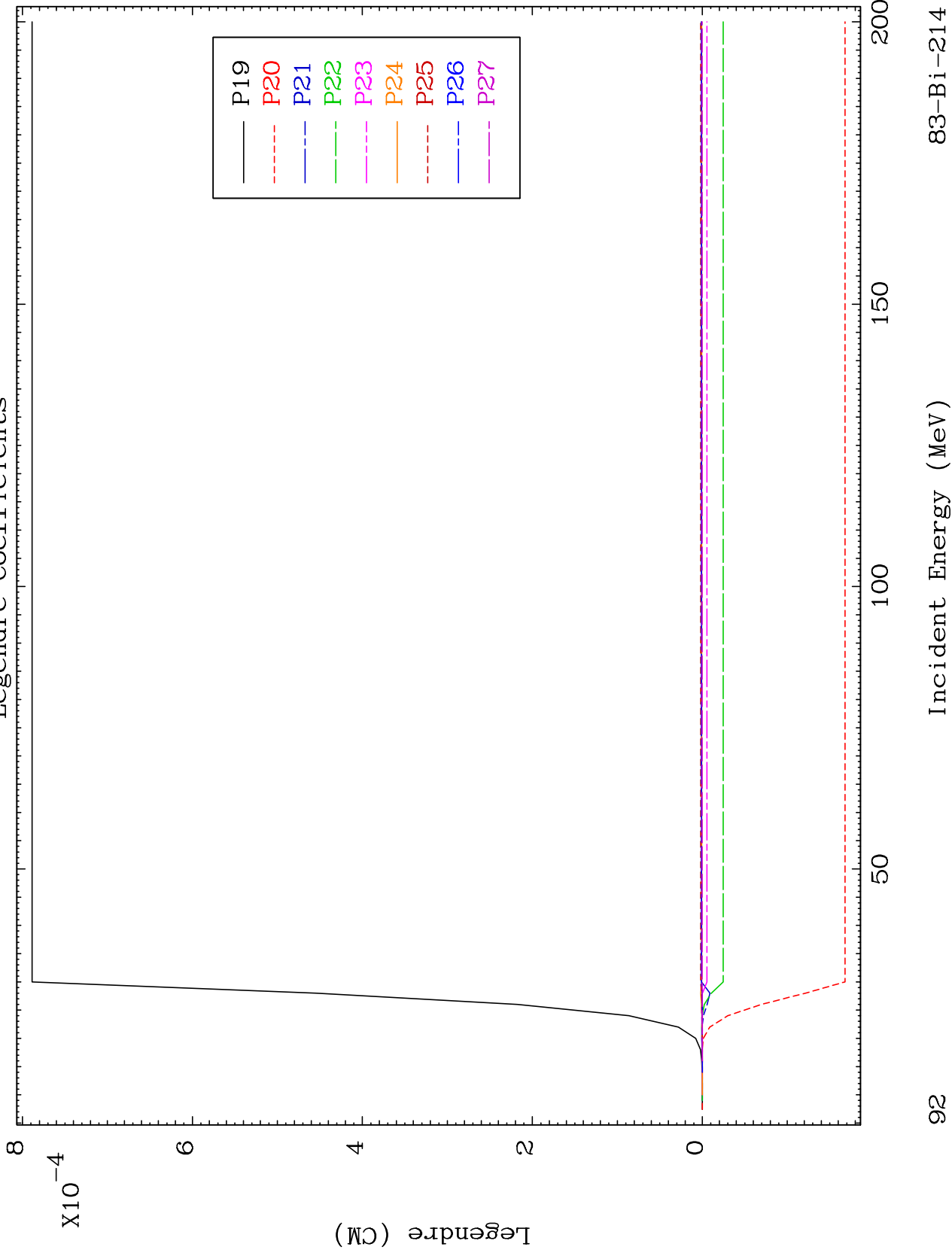
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

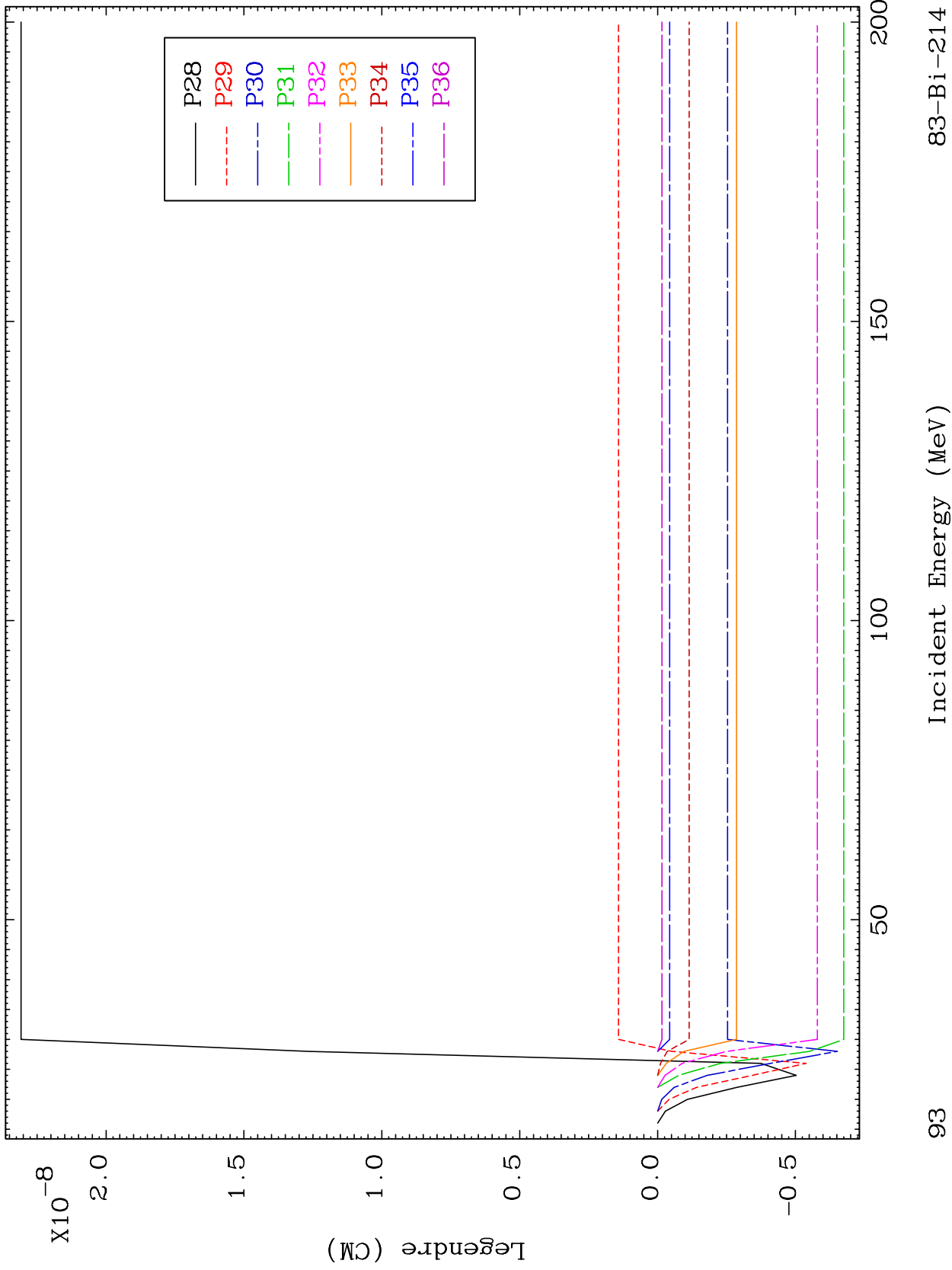
83-Bi-214



MAT 8340

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

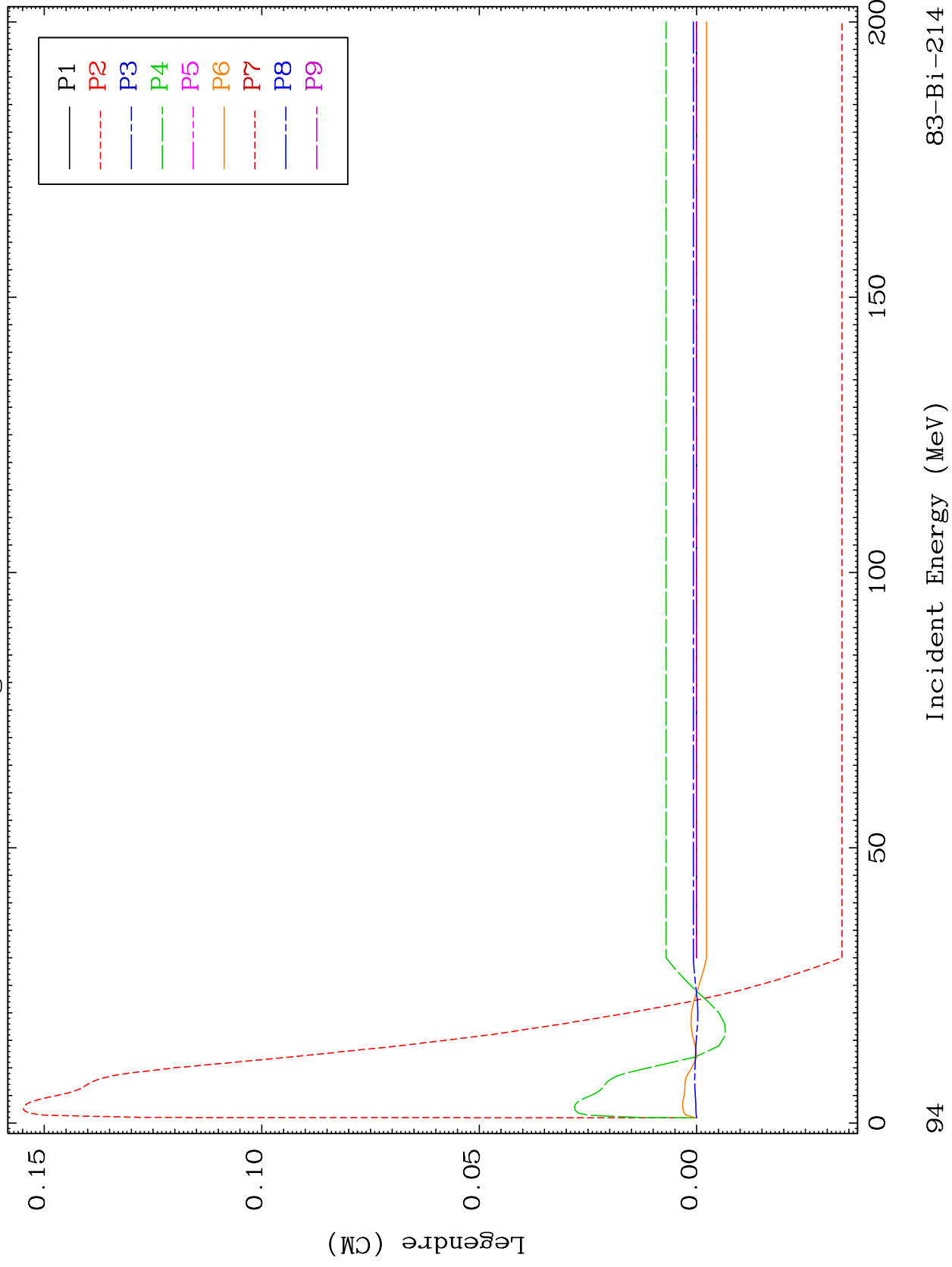
83-Bi-214



MAT 8340

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

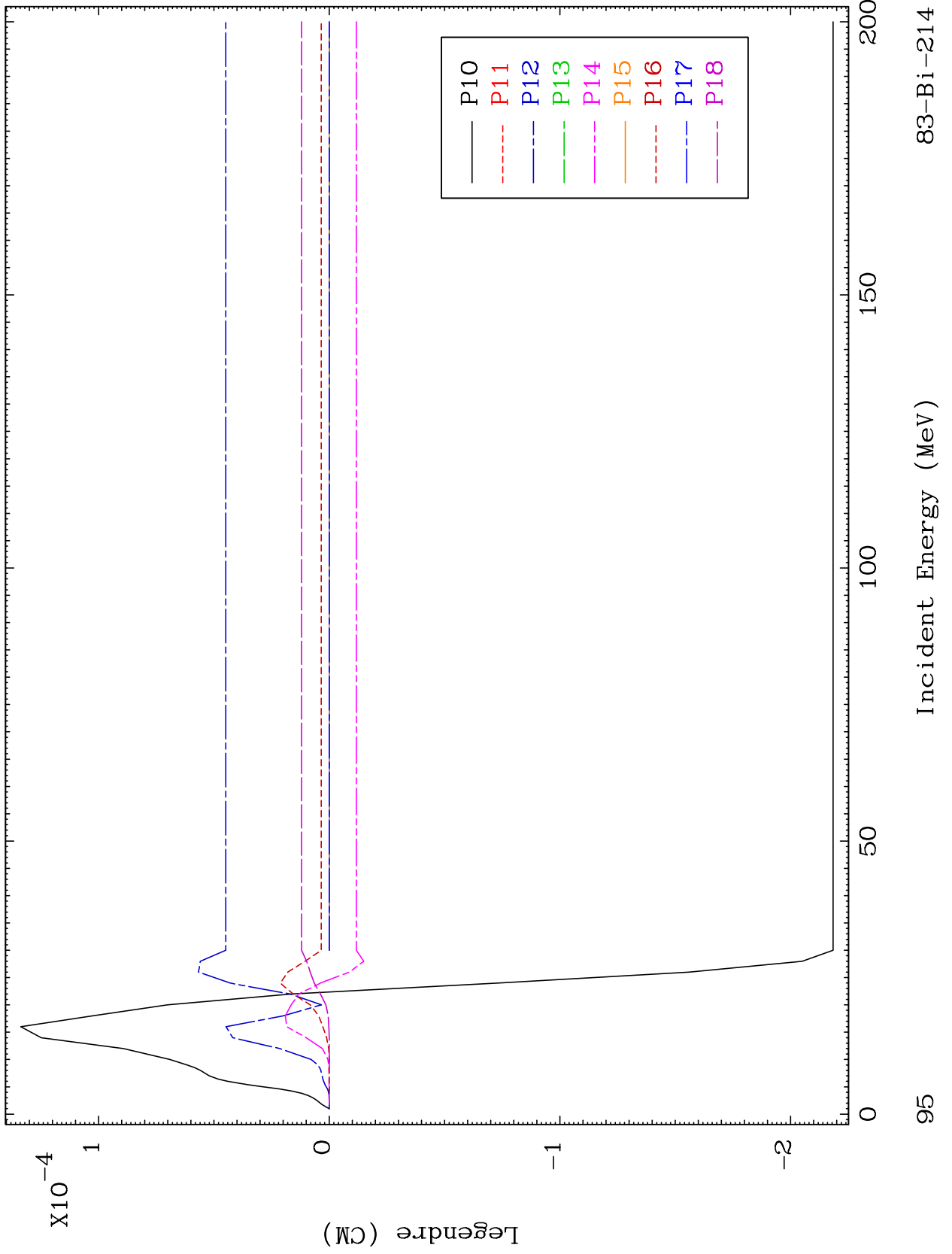
83-Bi-214



MAT 8340

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

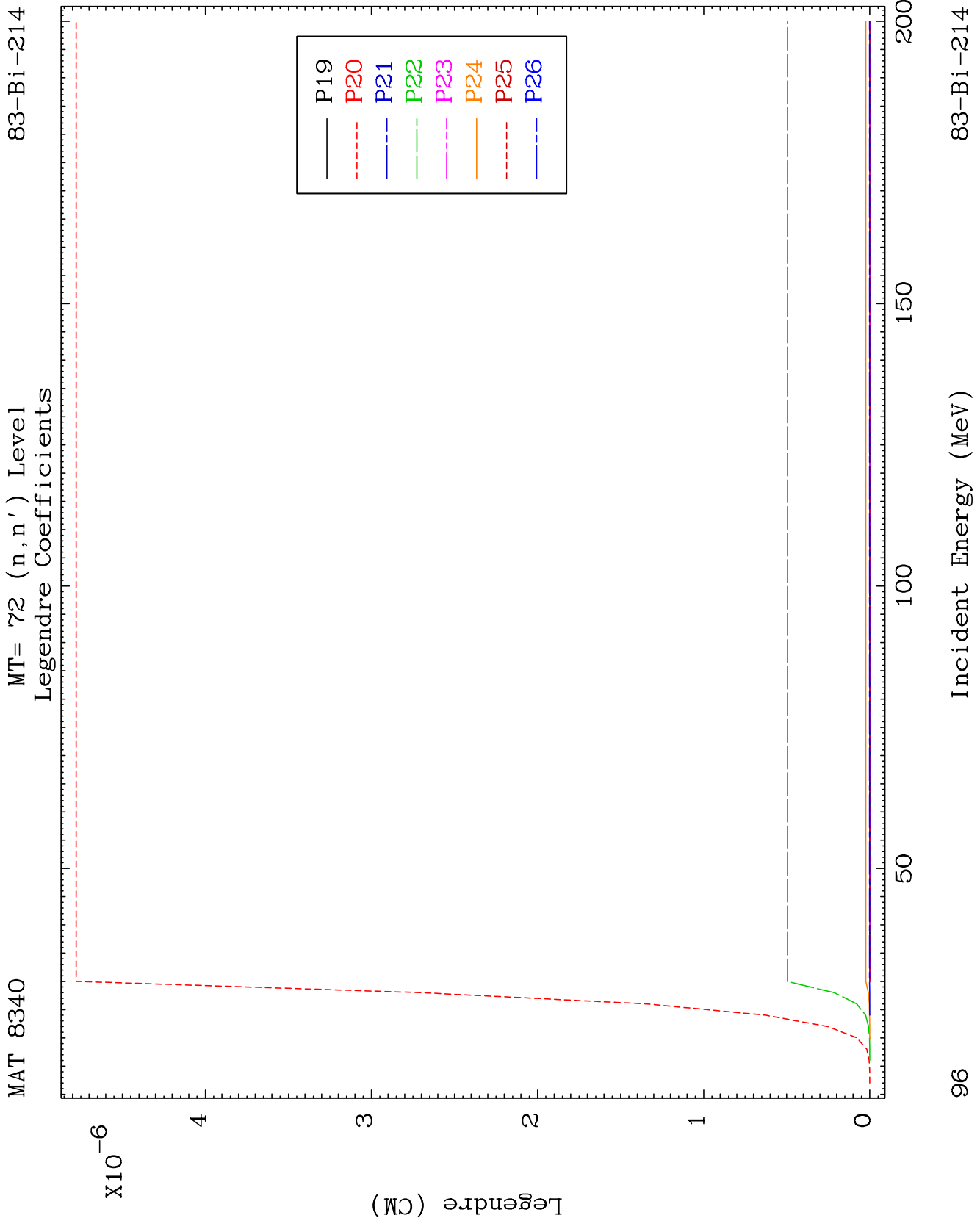
83-Bi-214



83-Bi-214

Incident Energy (MeV)

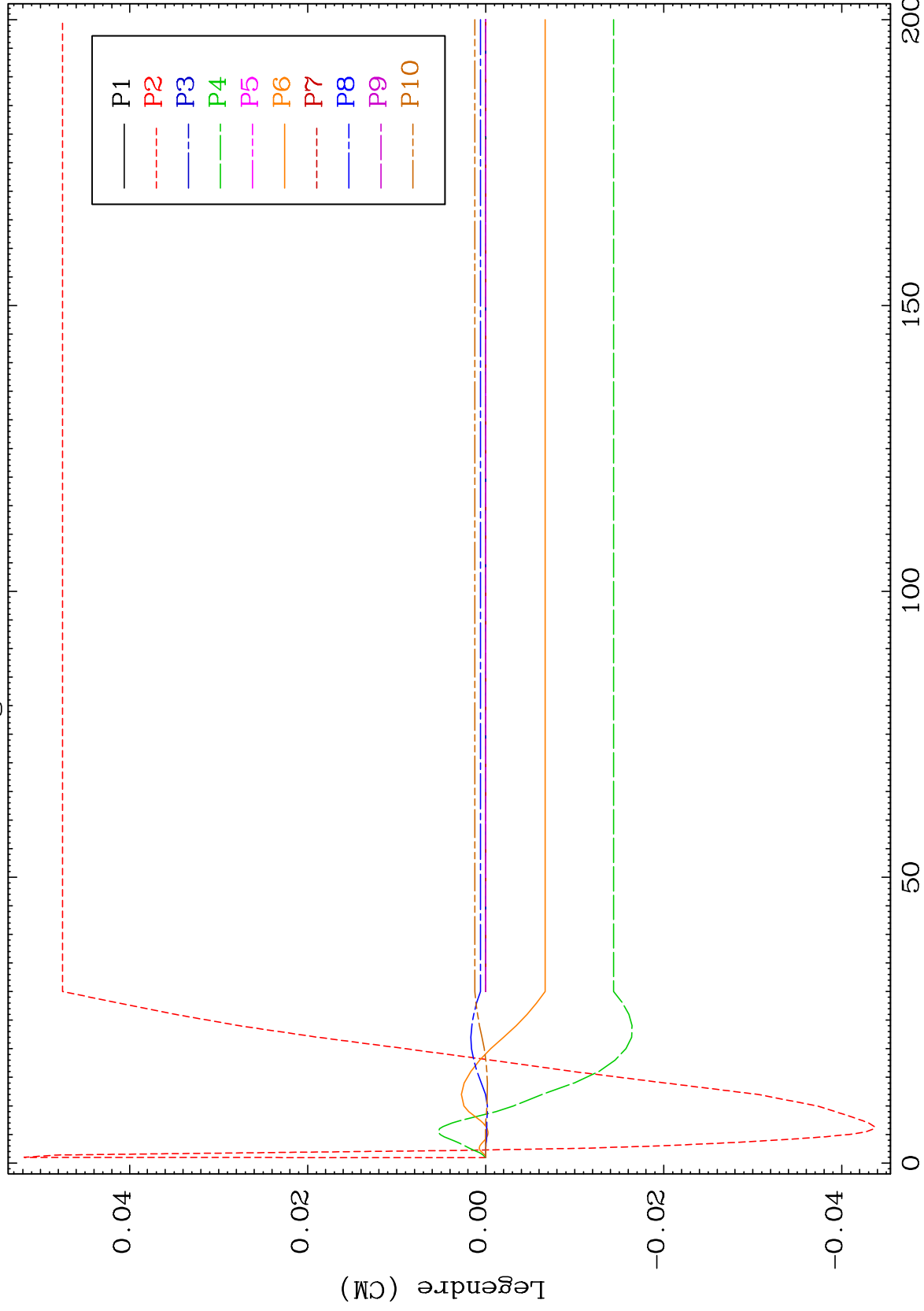
95



MAT 8340

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

83-Bi-214



97

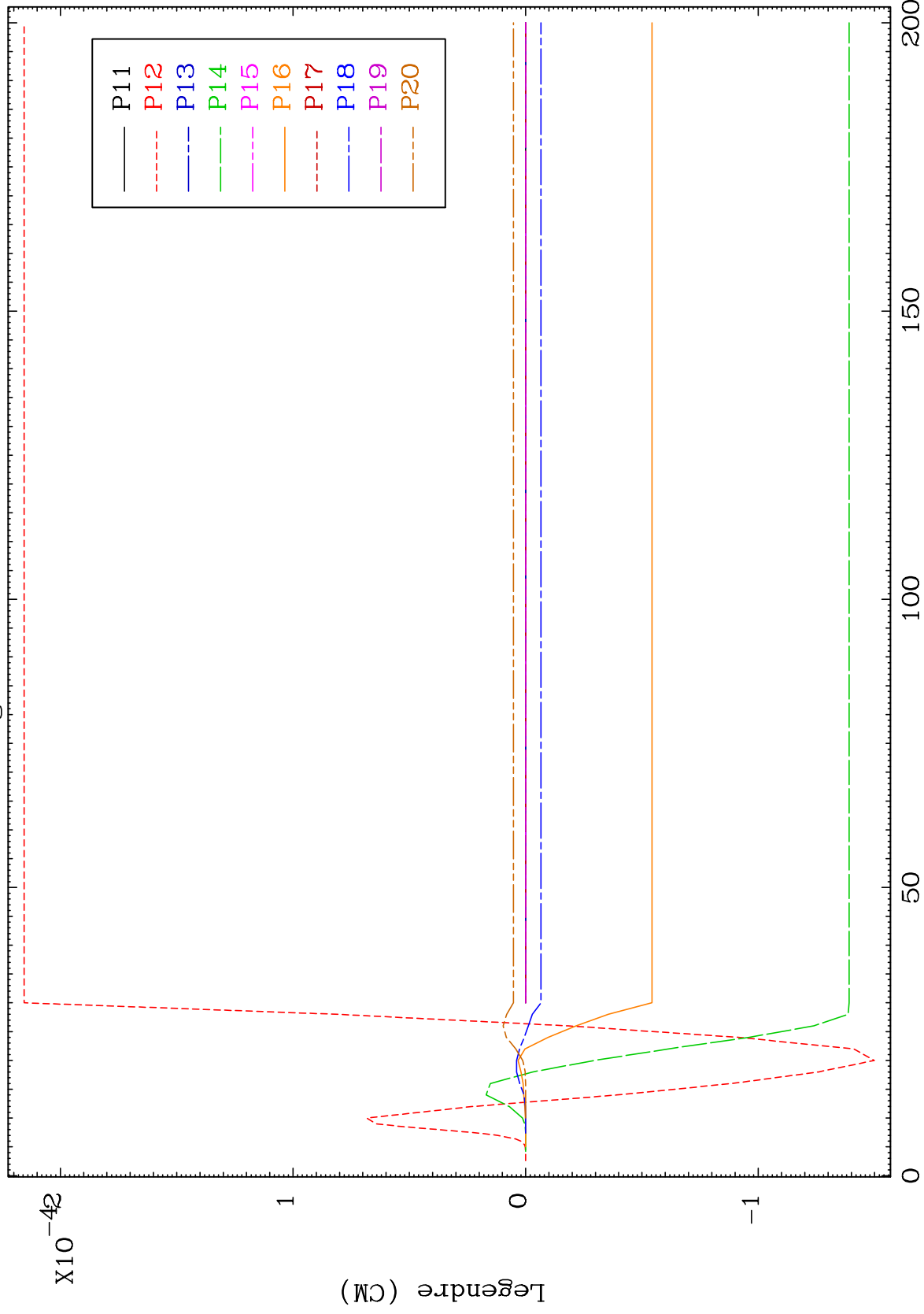
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

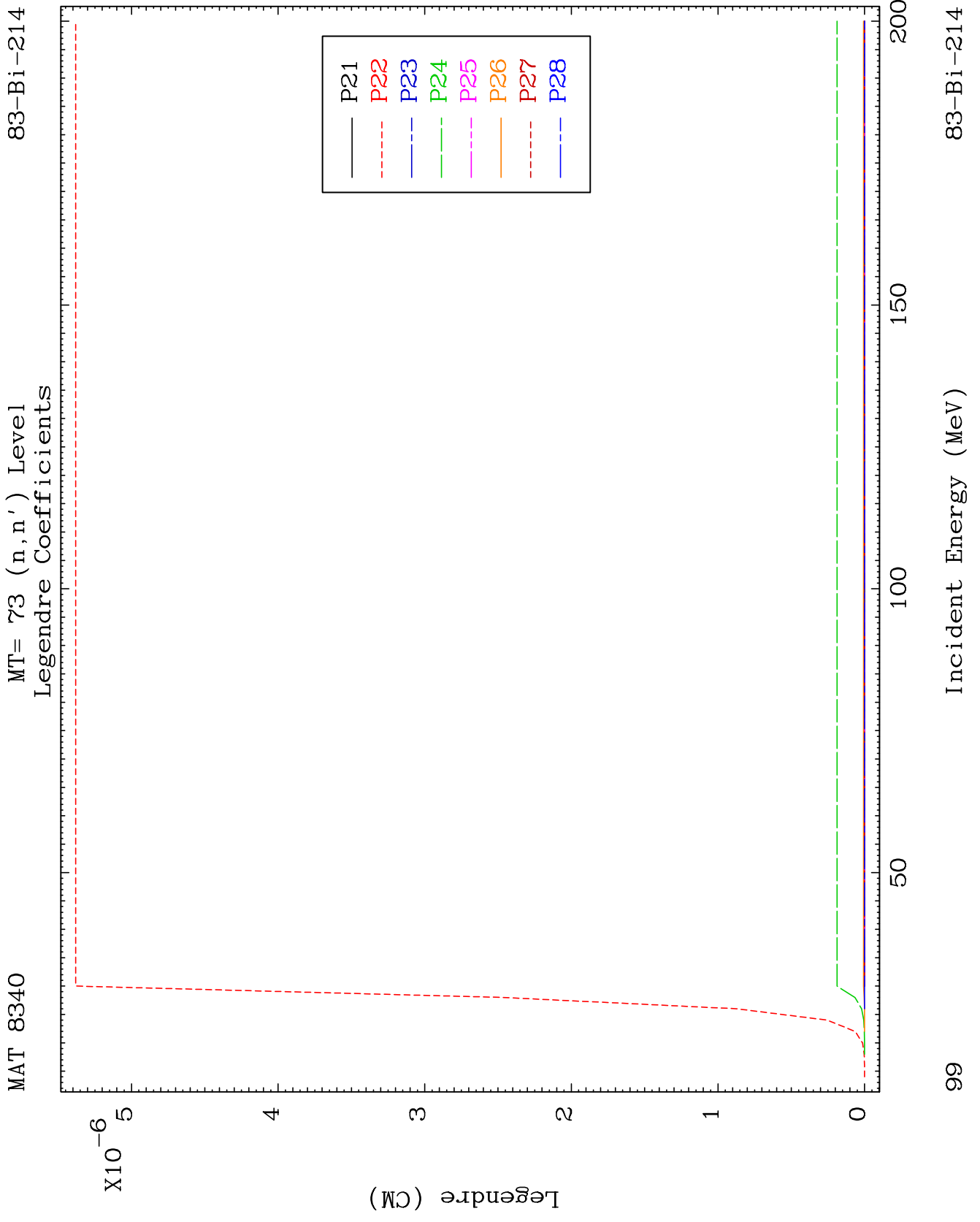
83-Bi-214



98

Incident Energy (MeV)

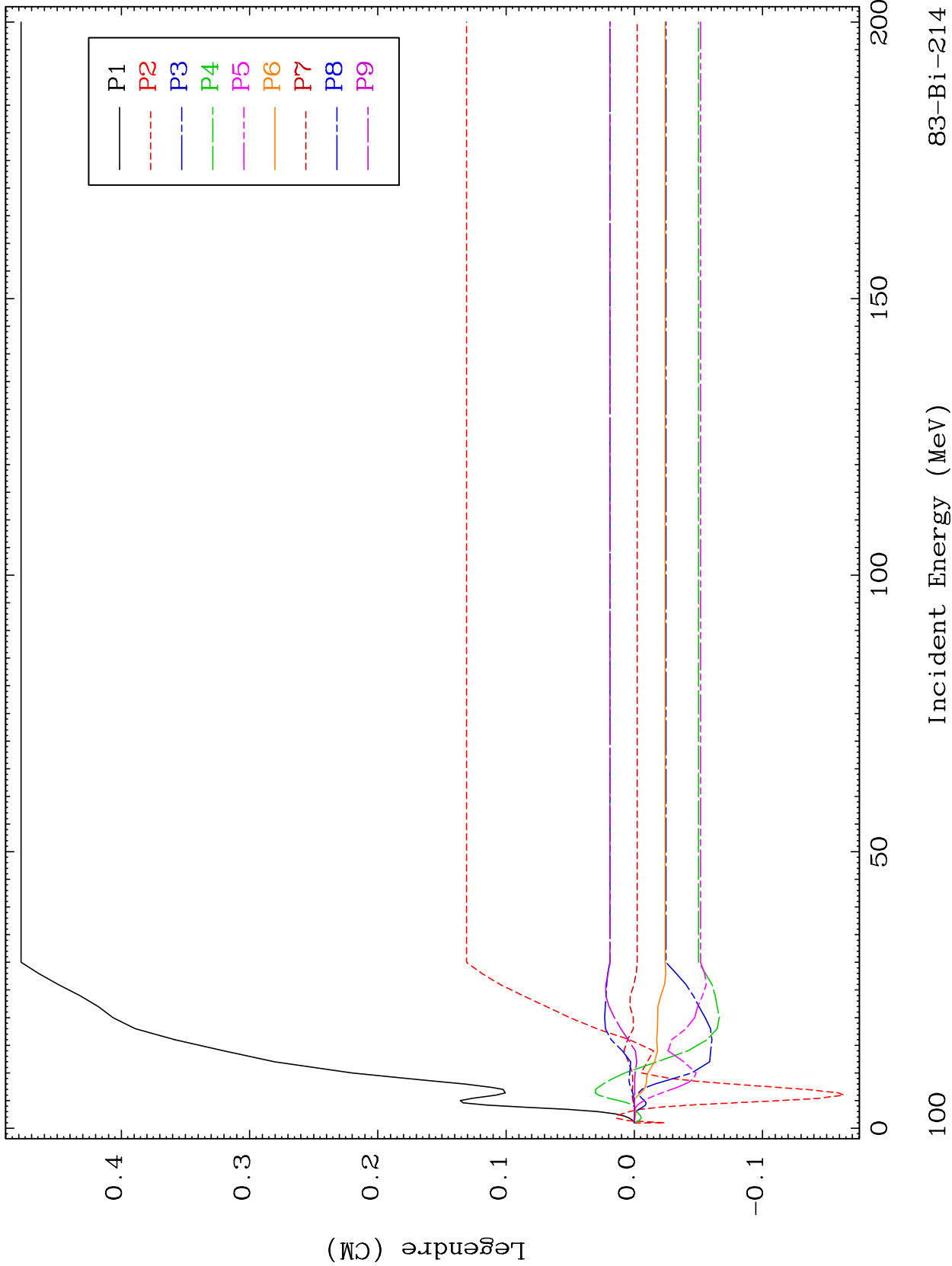
83-Bi-214



MAT 8340

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

83-Bi-214



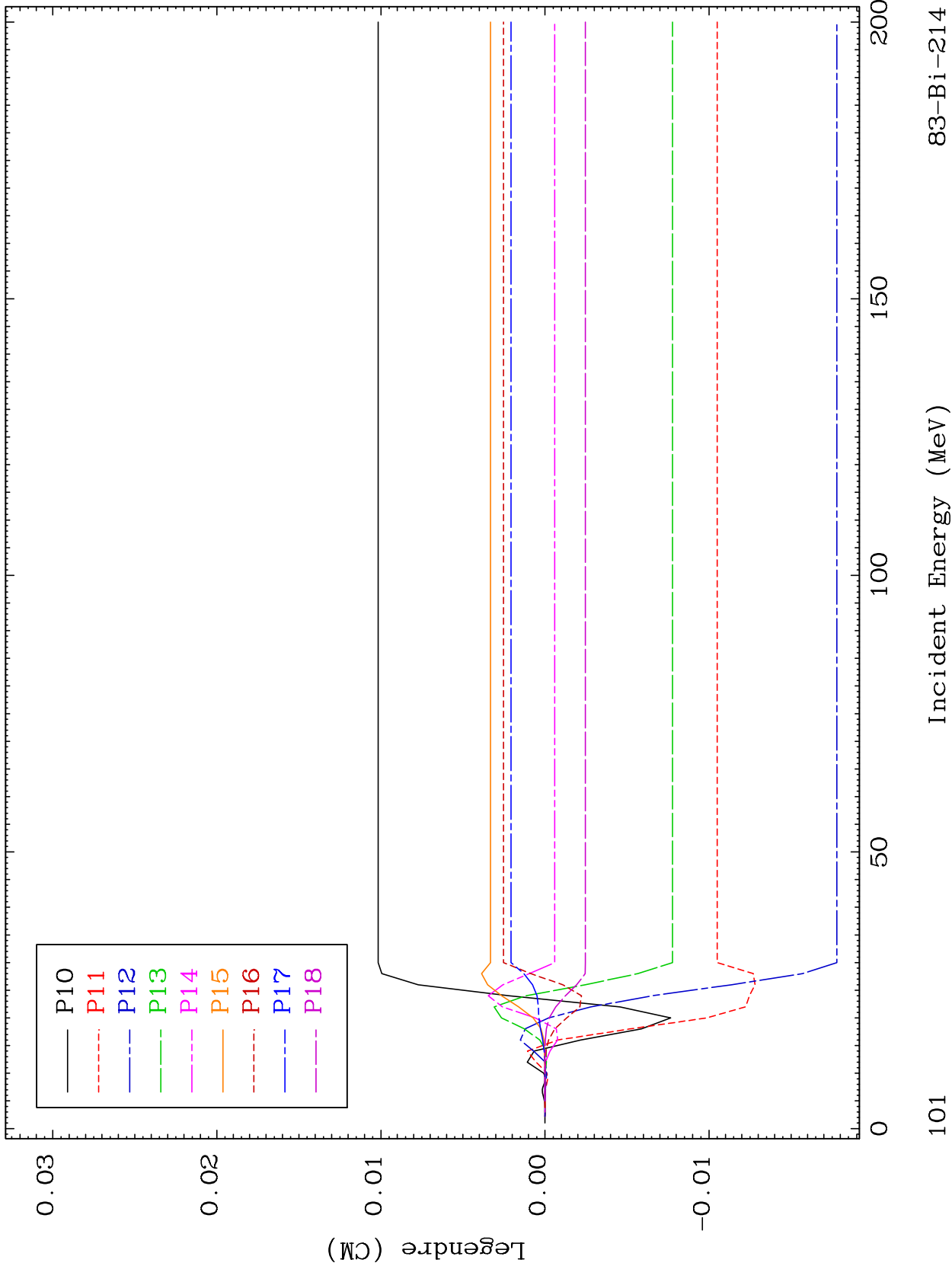
83-Bi-214

Incident Energy (MeV)

MAT 8340

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

83-Bi-214



101

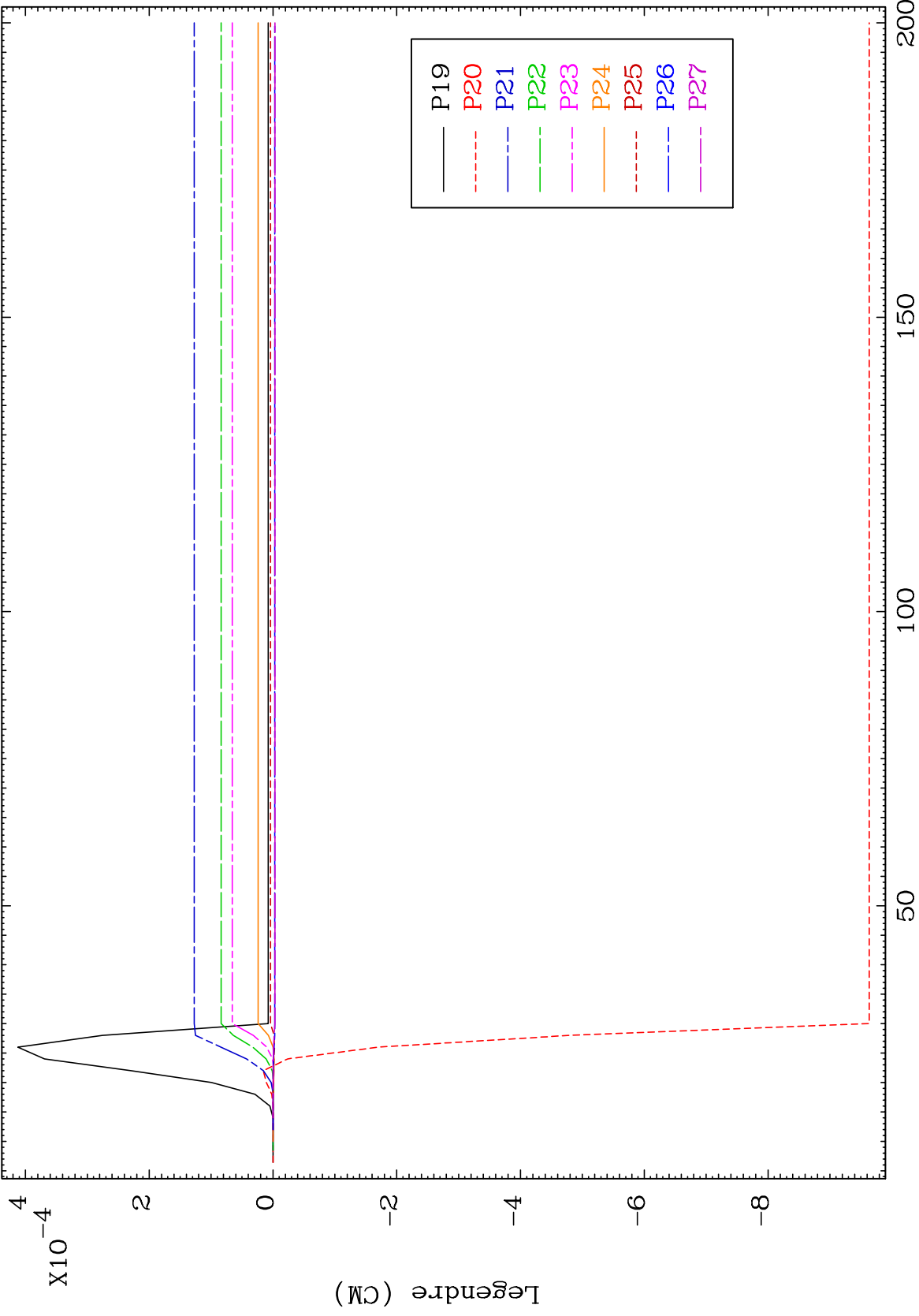
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



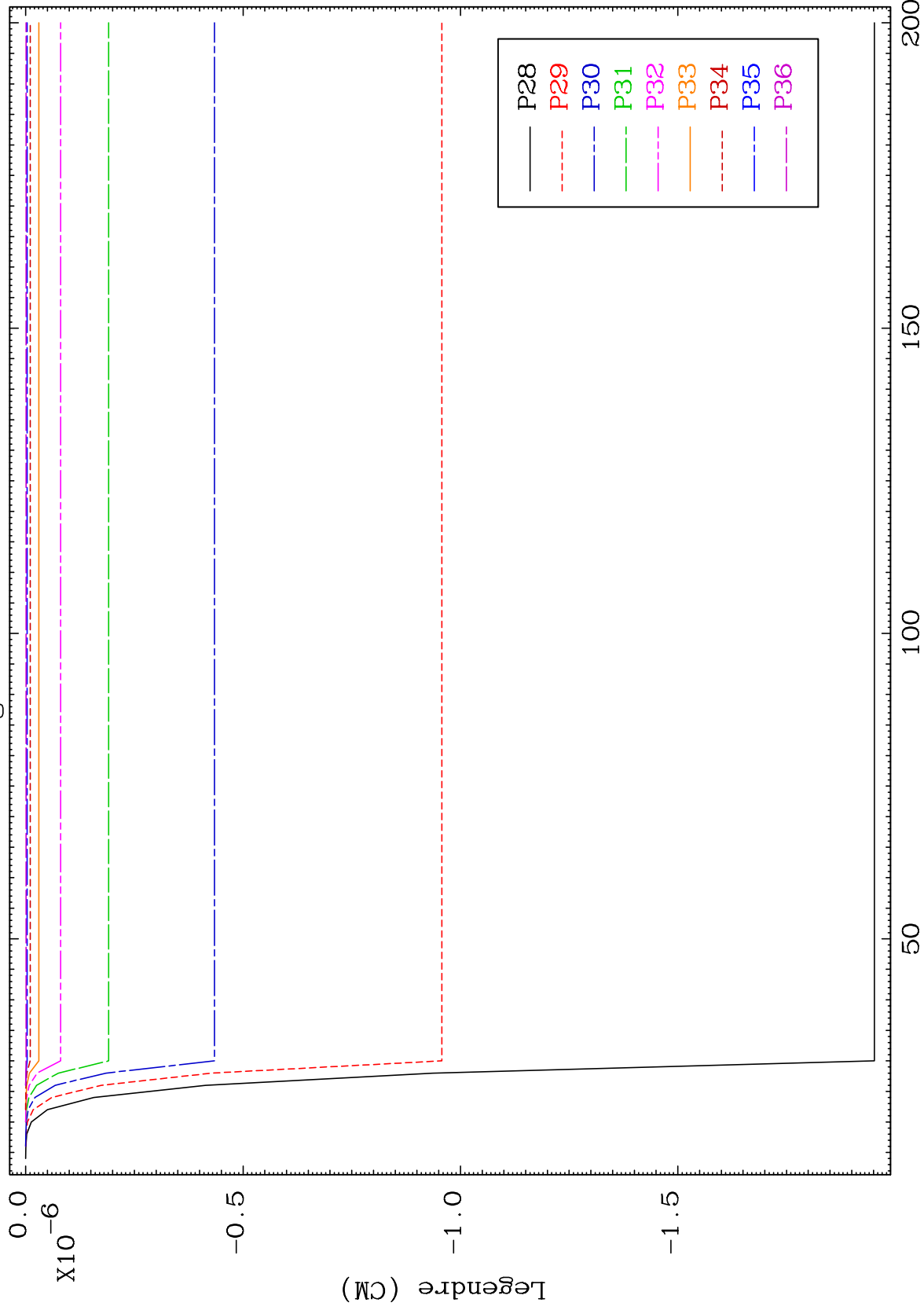
102

83-Bi-214

MAT 8340

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

83-Bi-214



103

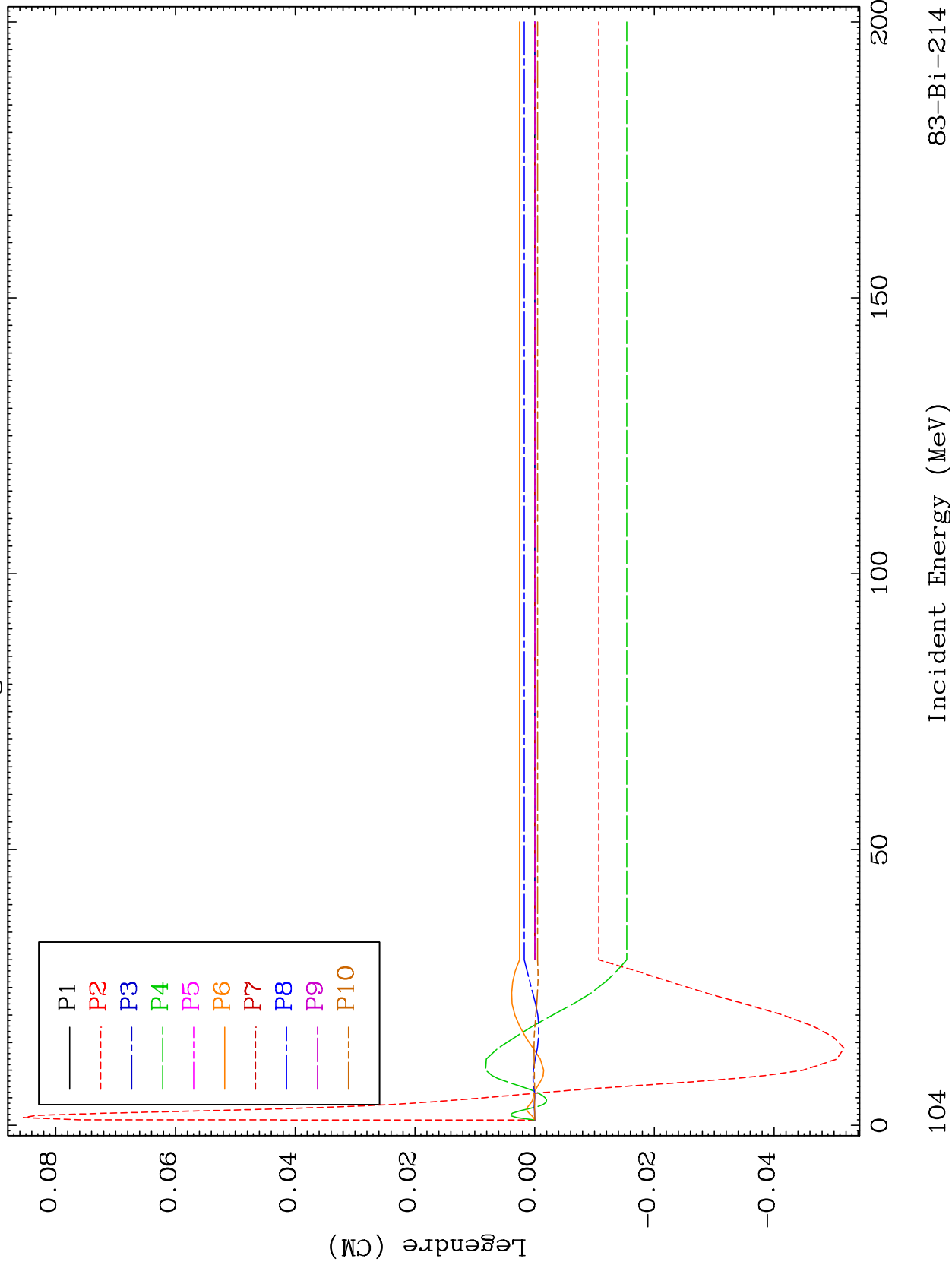
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



83-Bi-214

Incident Energy (MeV)

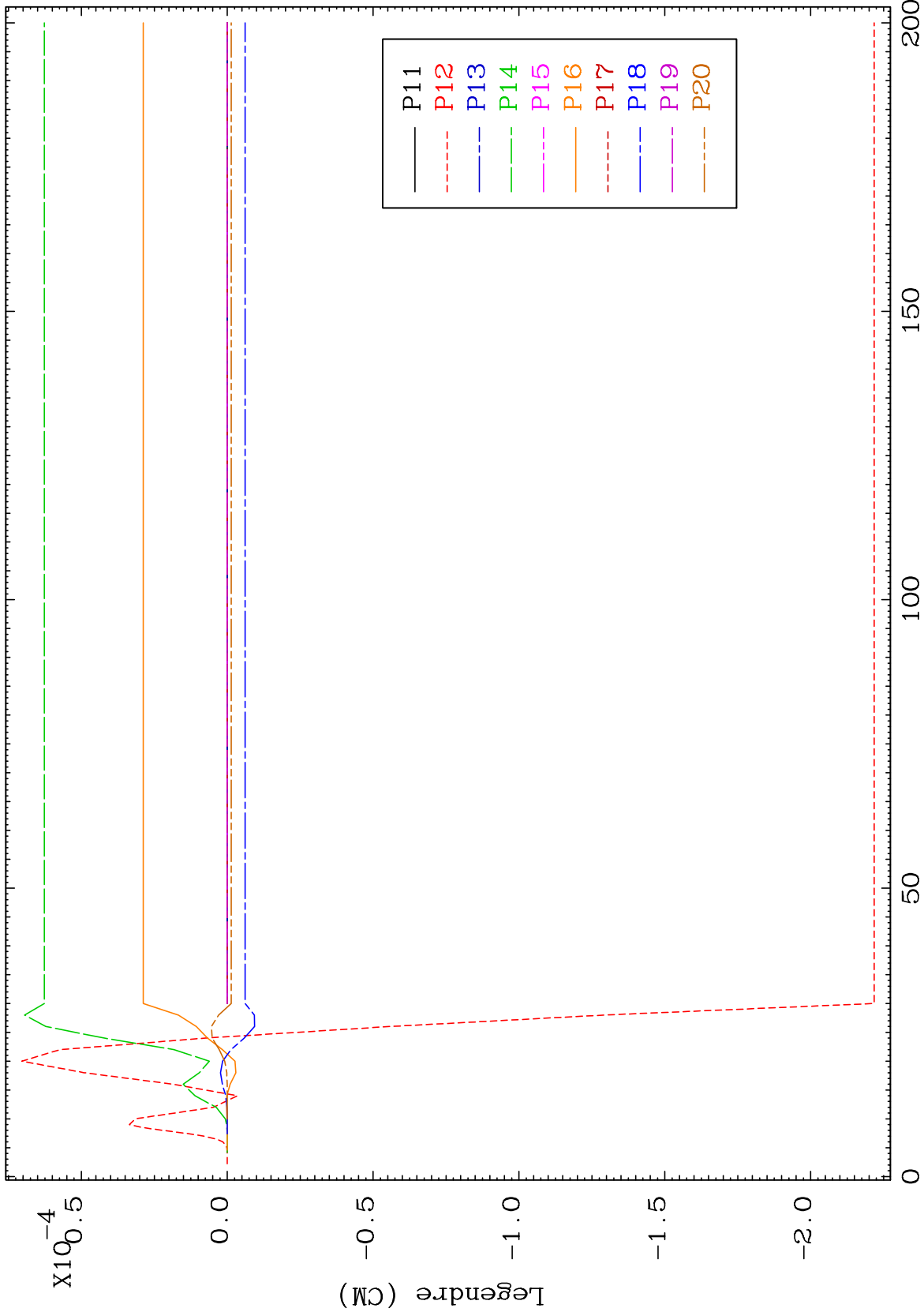
104

MAT 8340

MT= 75 (n,n') Level

83-Bi-214

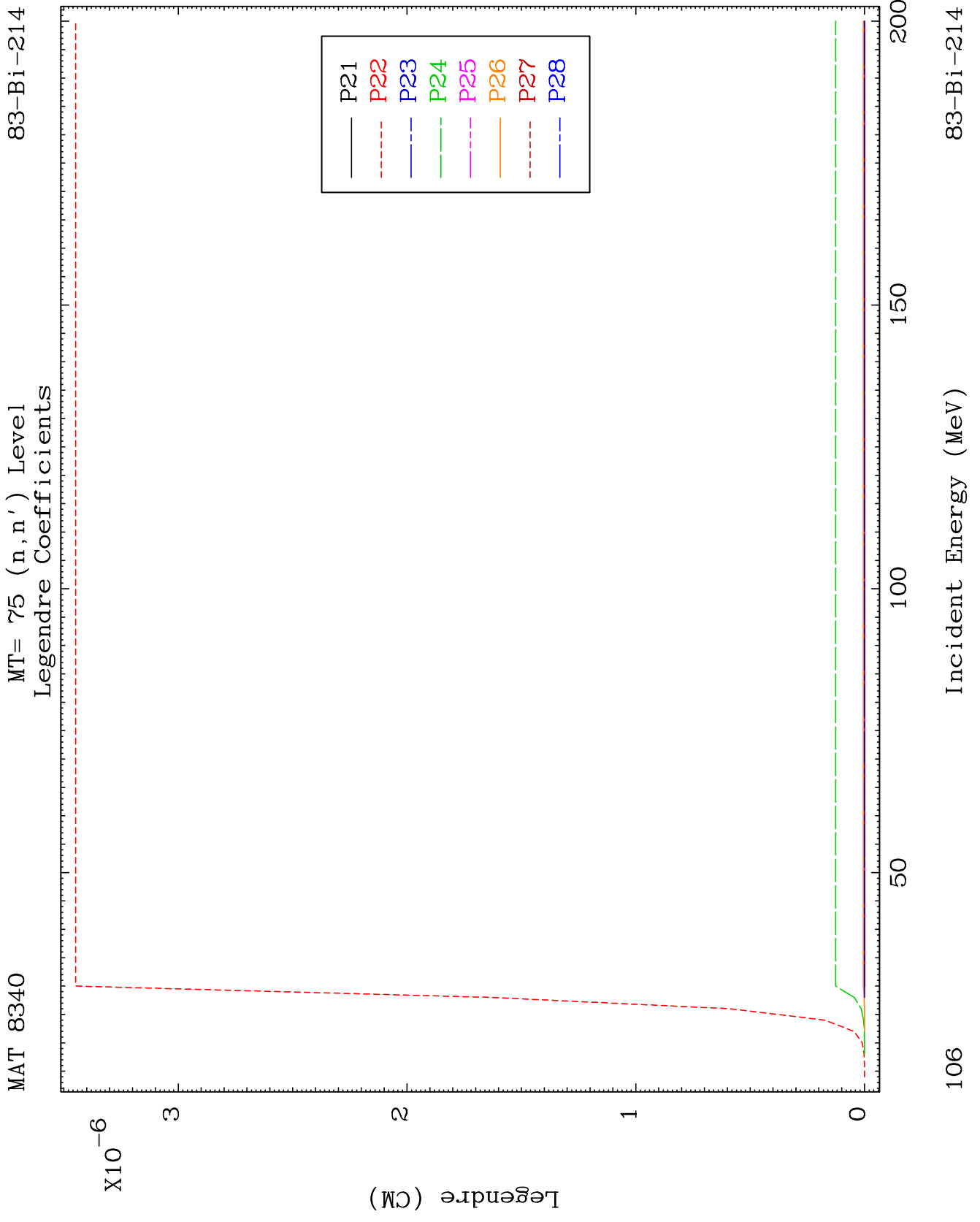
Legendre Coefficients



105

Incident Energy (MeV)

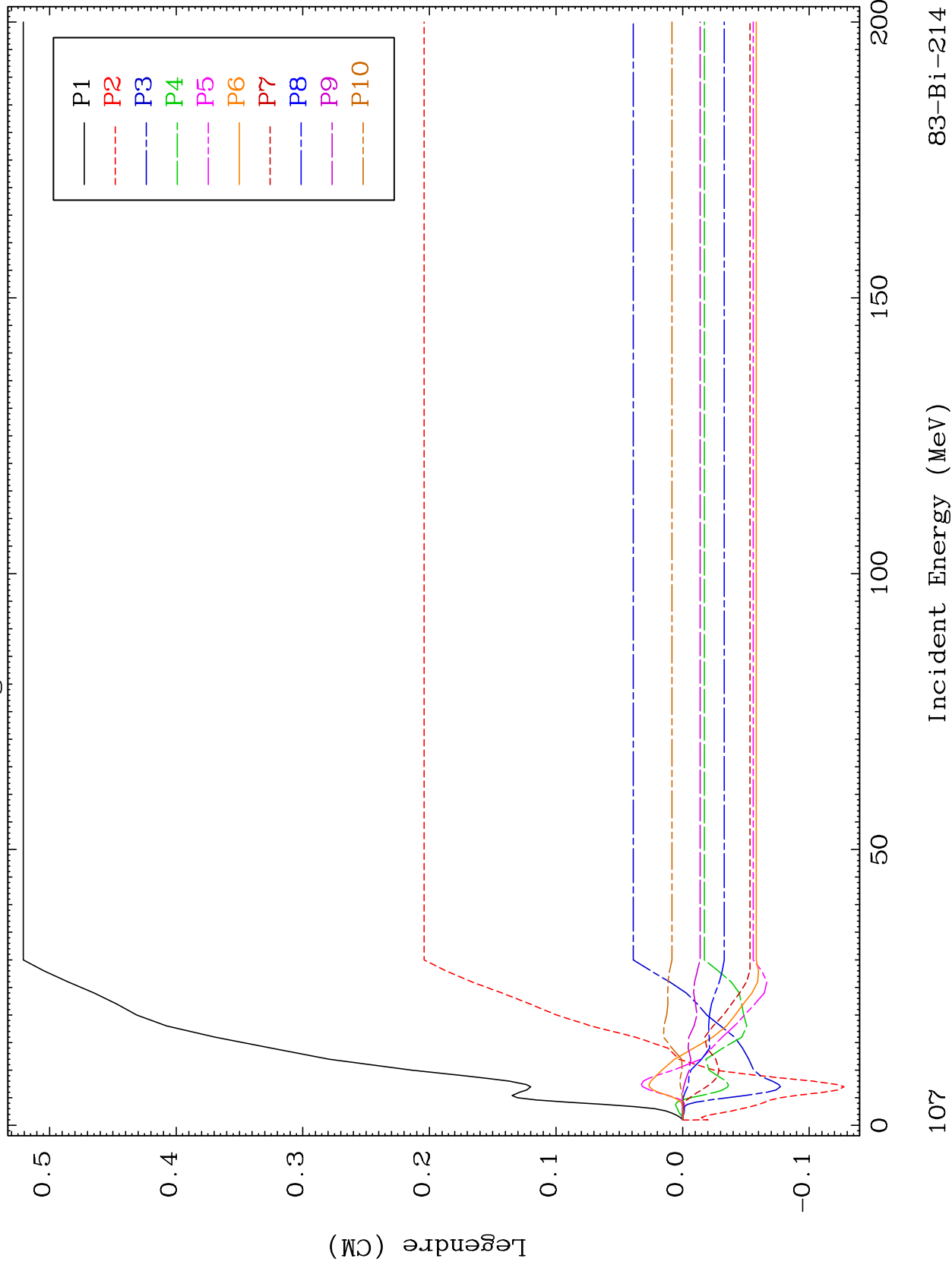
83-Bi-214



MAT 8340

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

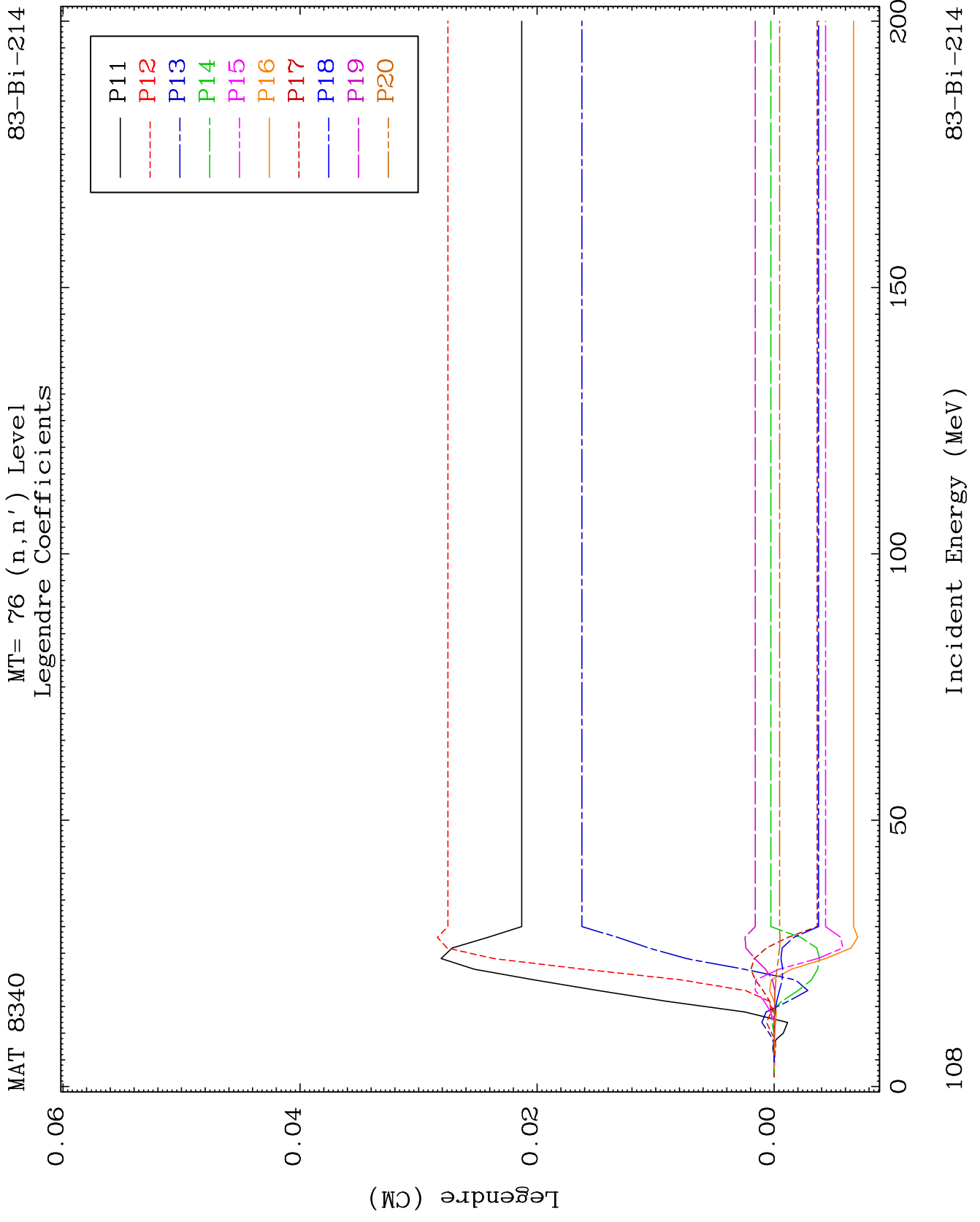
83-Bi-214



83-Bi-214

Incident Energy (MeV)

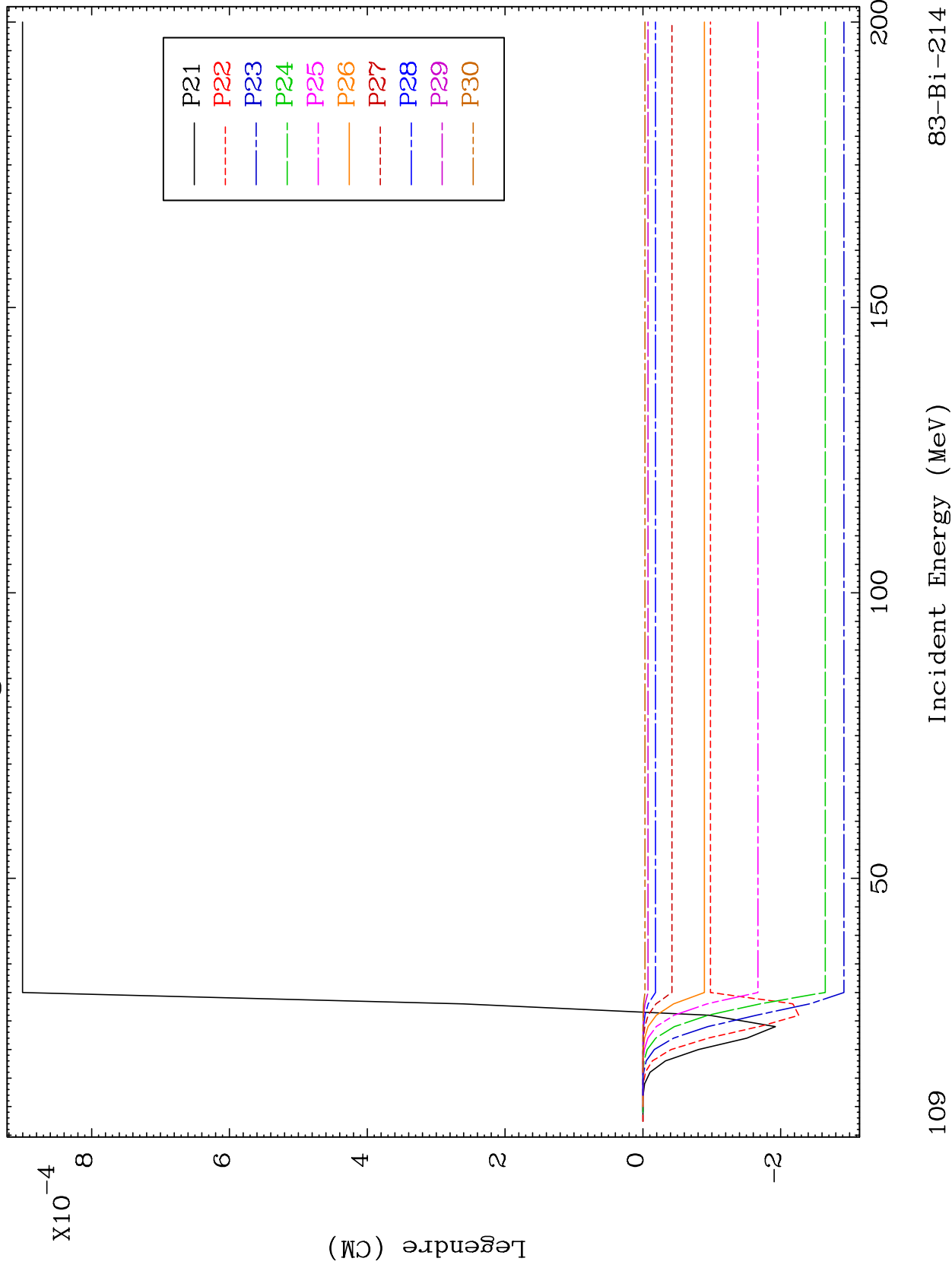
107



MAT 8340

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

83-Bi-214



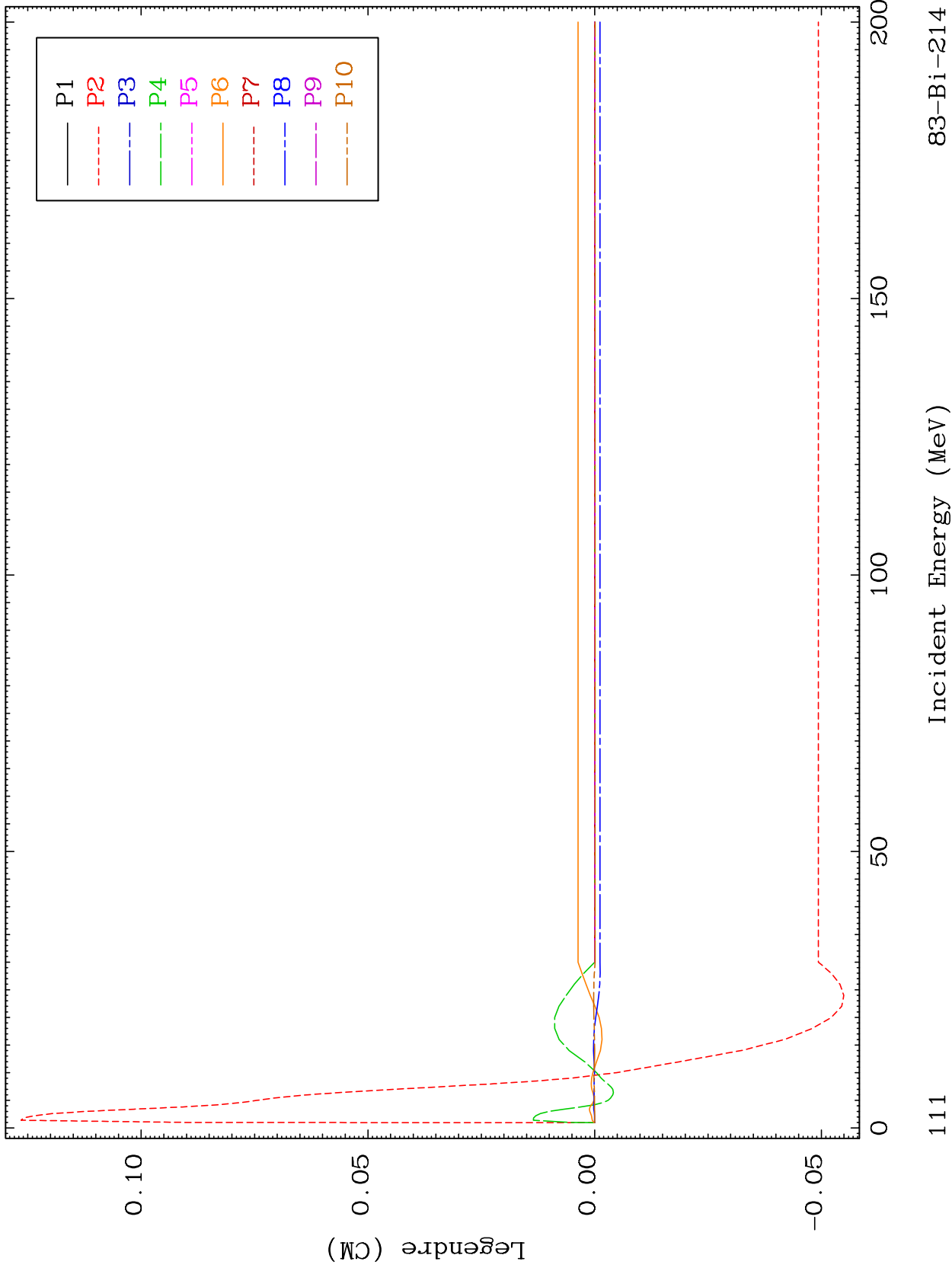
109

83-Bi-214

MAT 8340

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

83-Bi-214

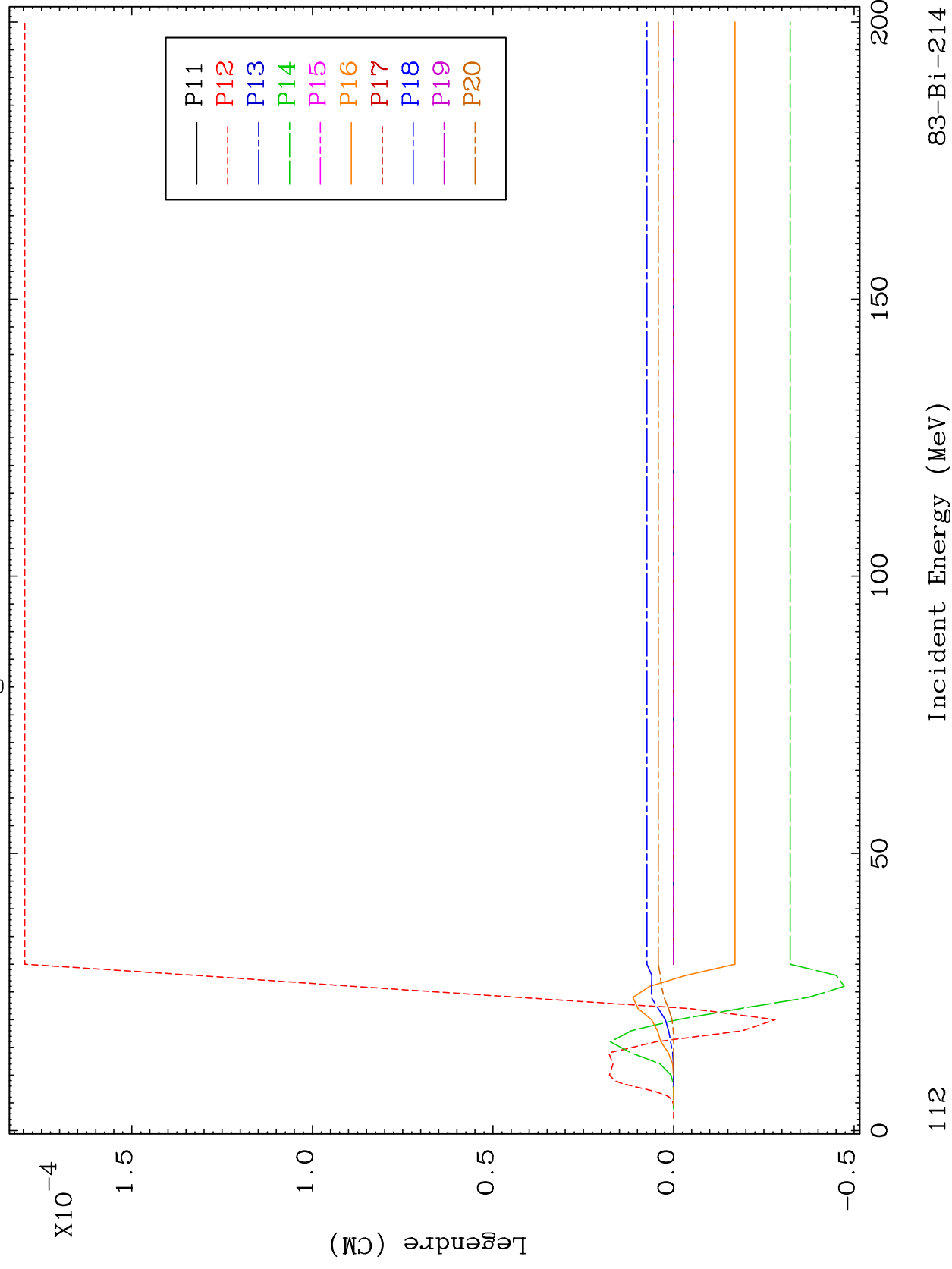


111

MAT 8340

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

83-Bi-214



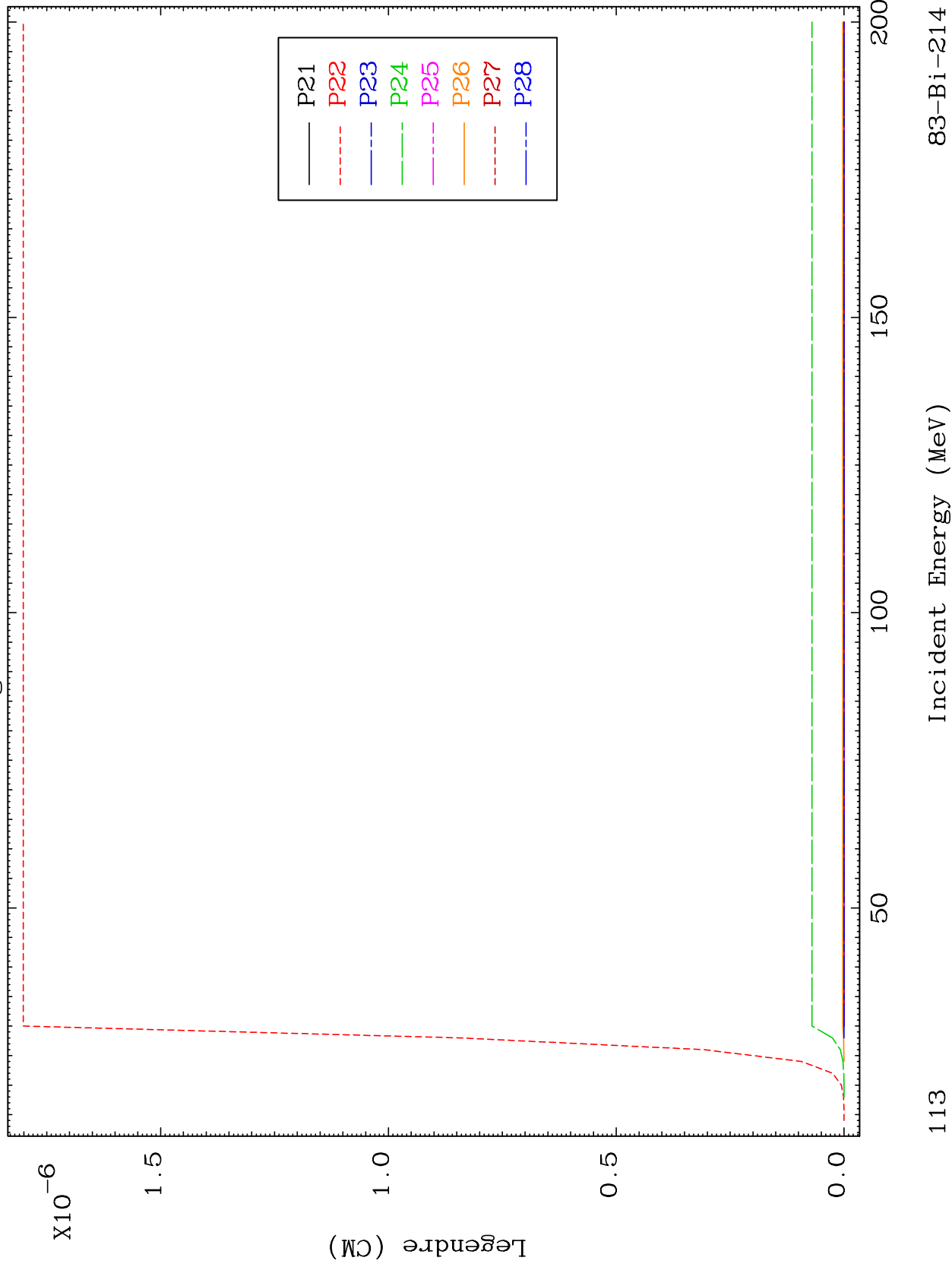
112

83-Bi-214

MAT 8340

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

83-Bi-214



113

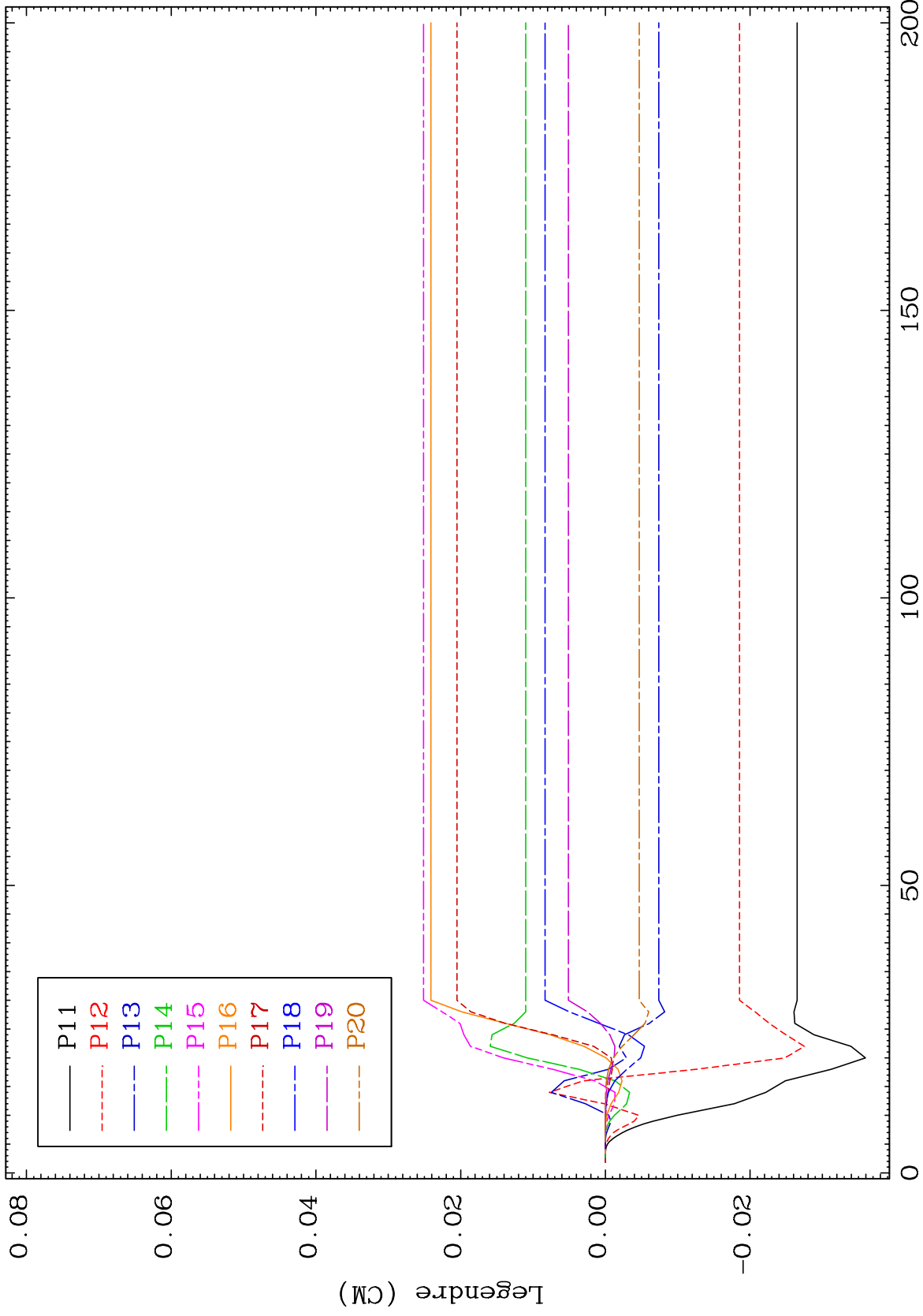
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

83-Bi-214



115

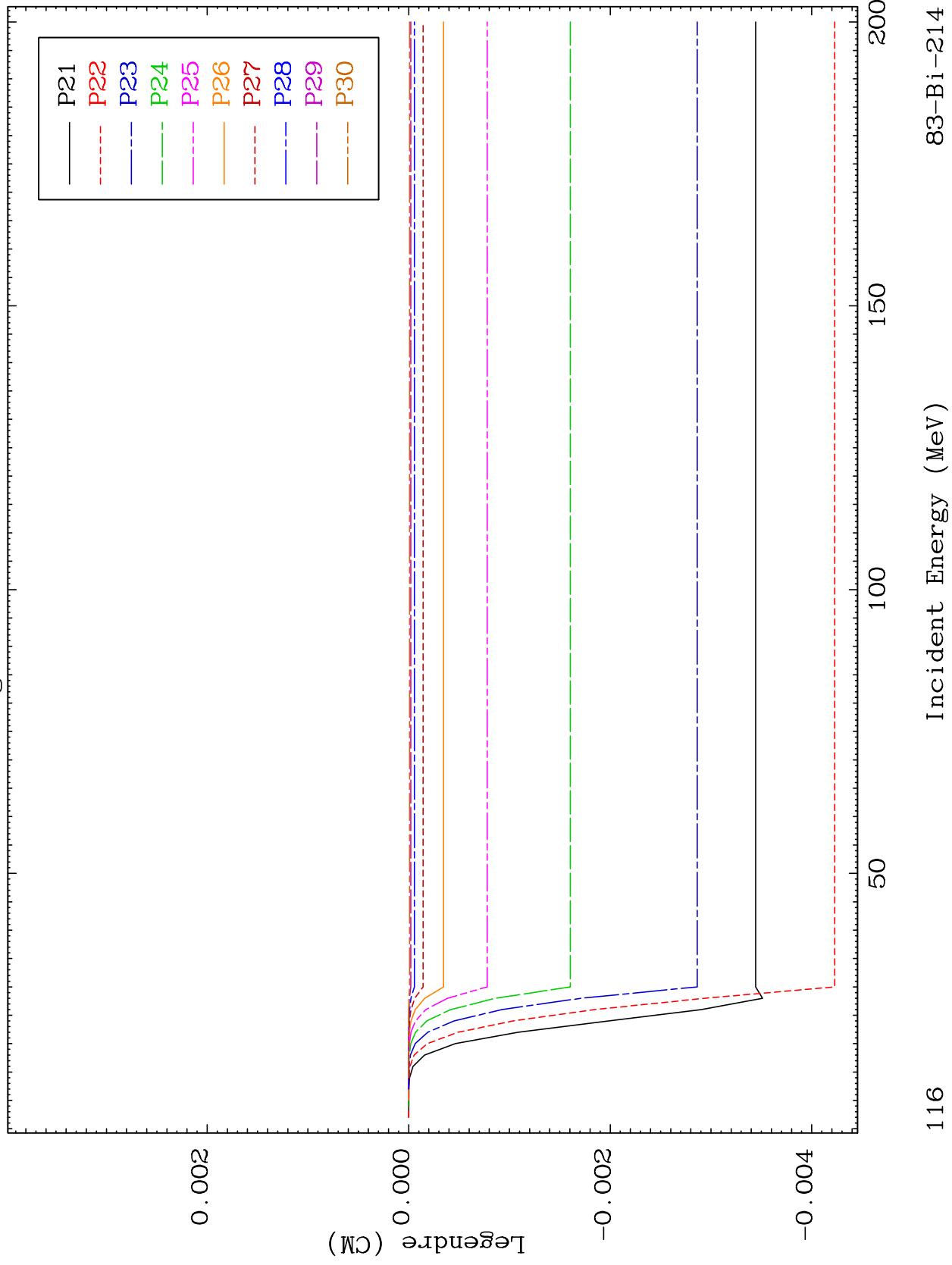
Incident Energy (MeV)

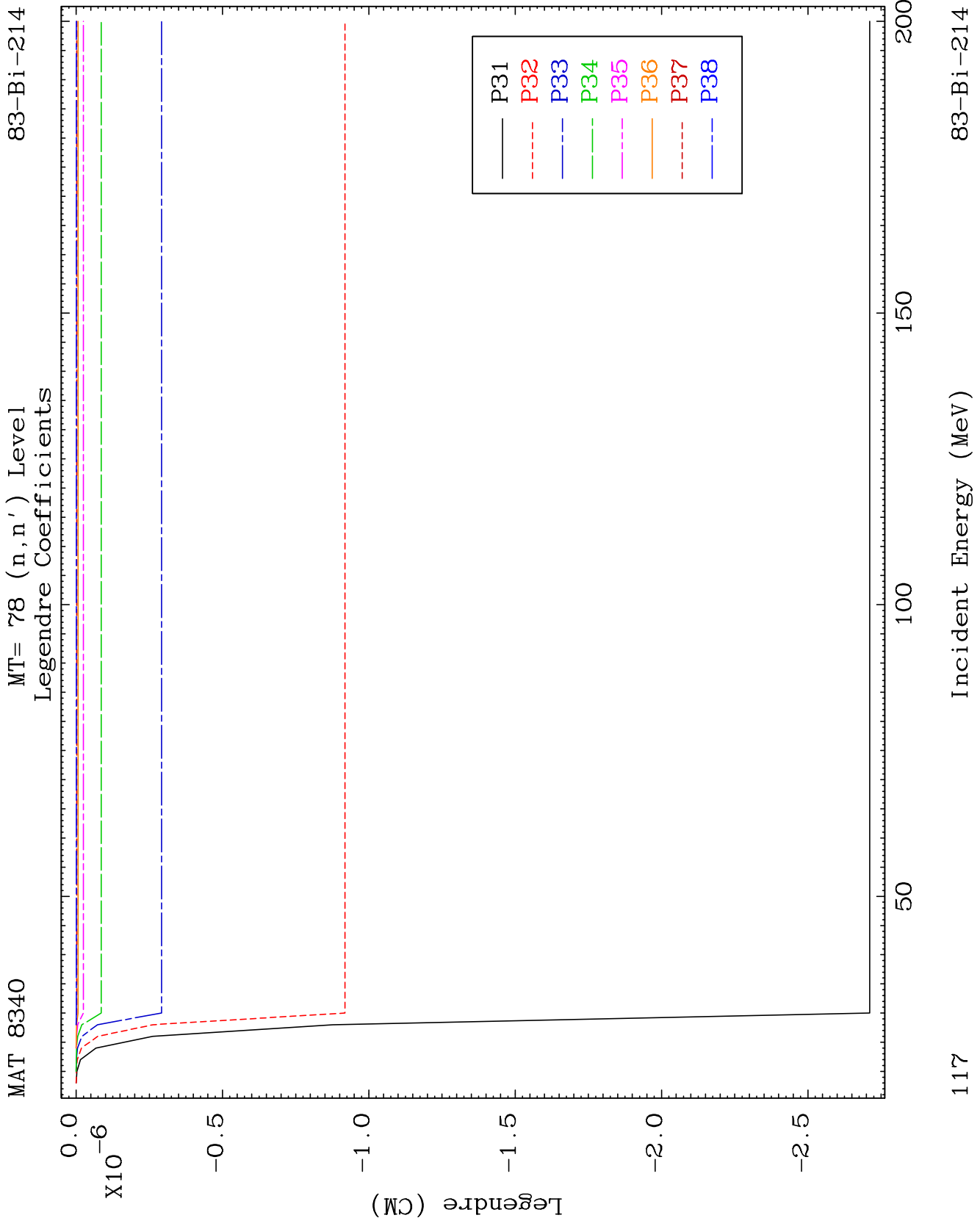
83-Bi-214

MAT 8340

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

83-Bi-214

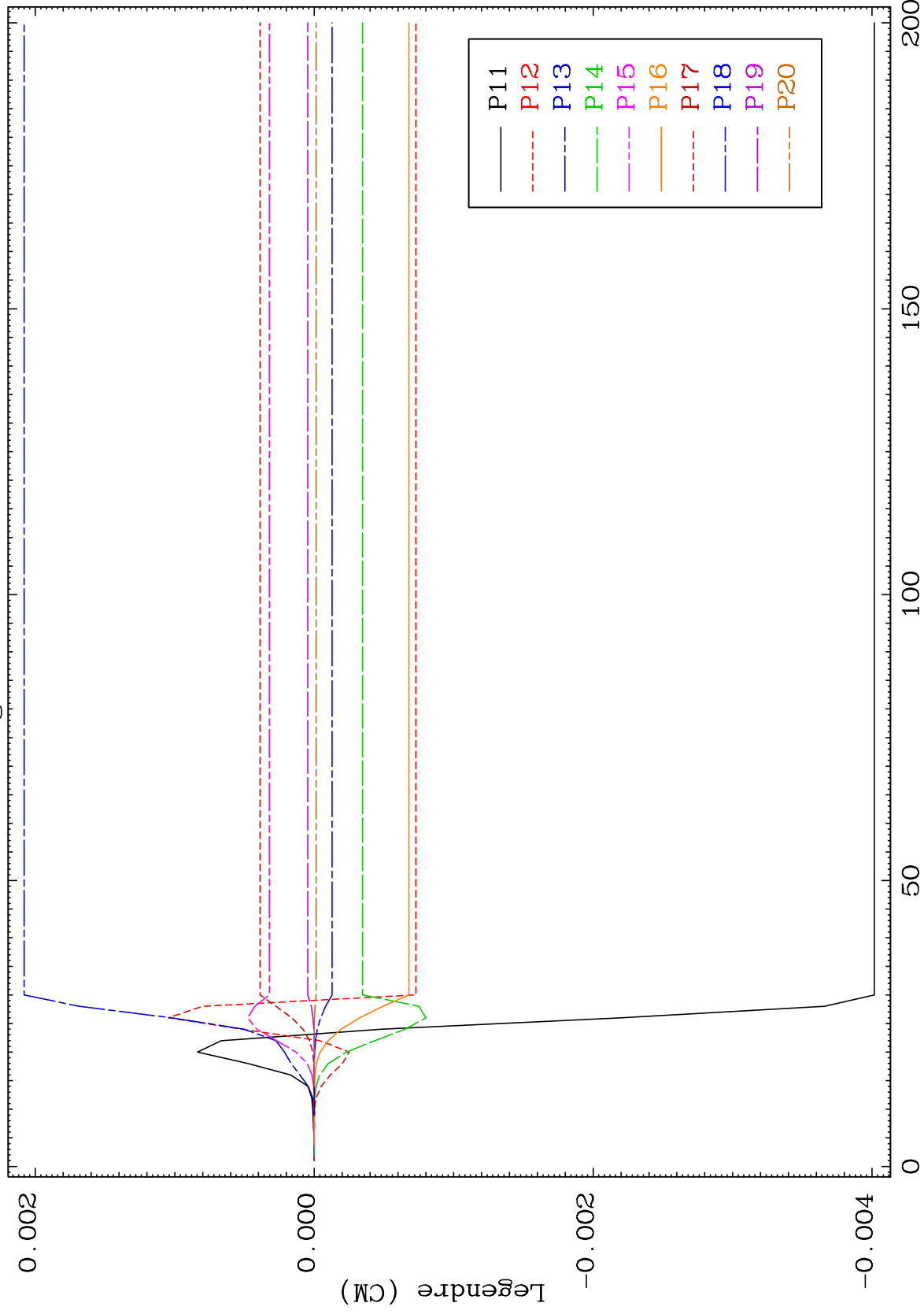




MAT 8340

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

83-Bi-214



119

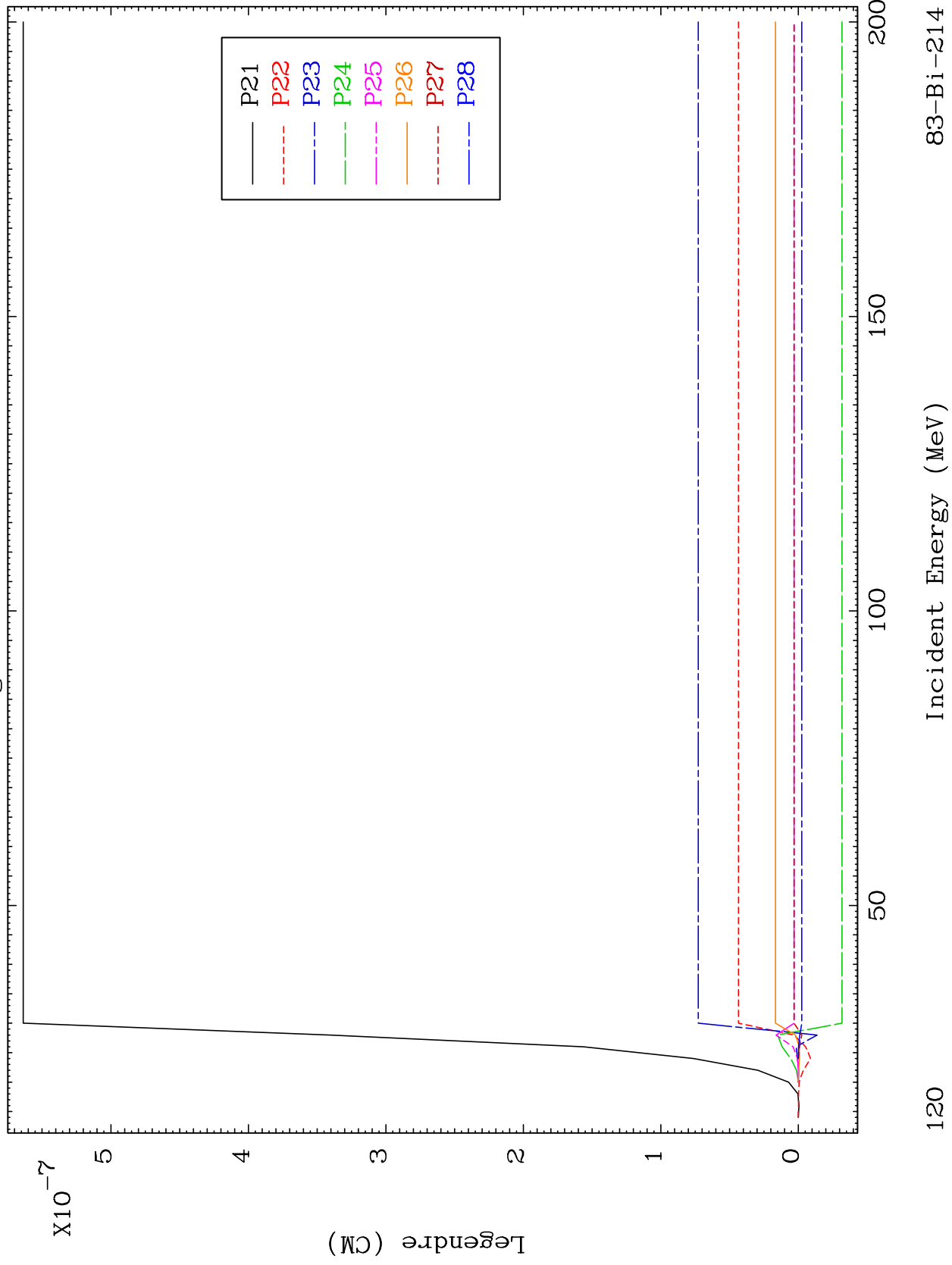
Incident Energy (MeV)

83-Bi-214

MAT 8340

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

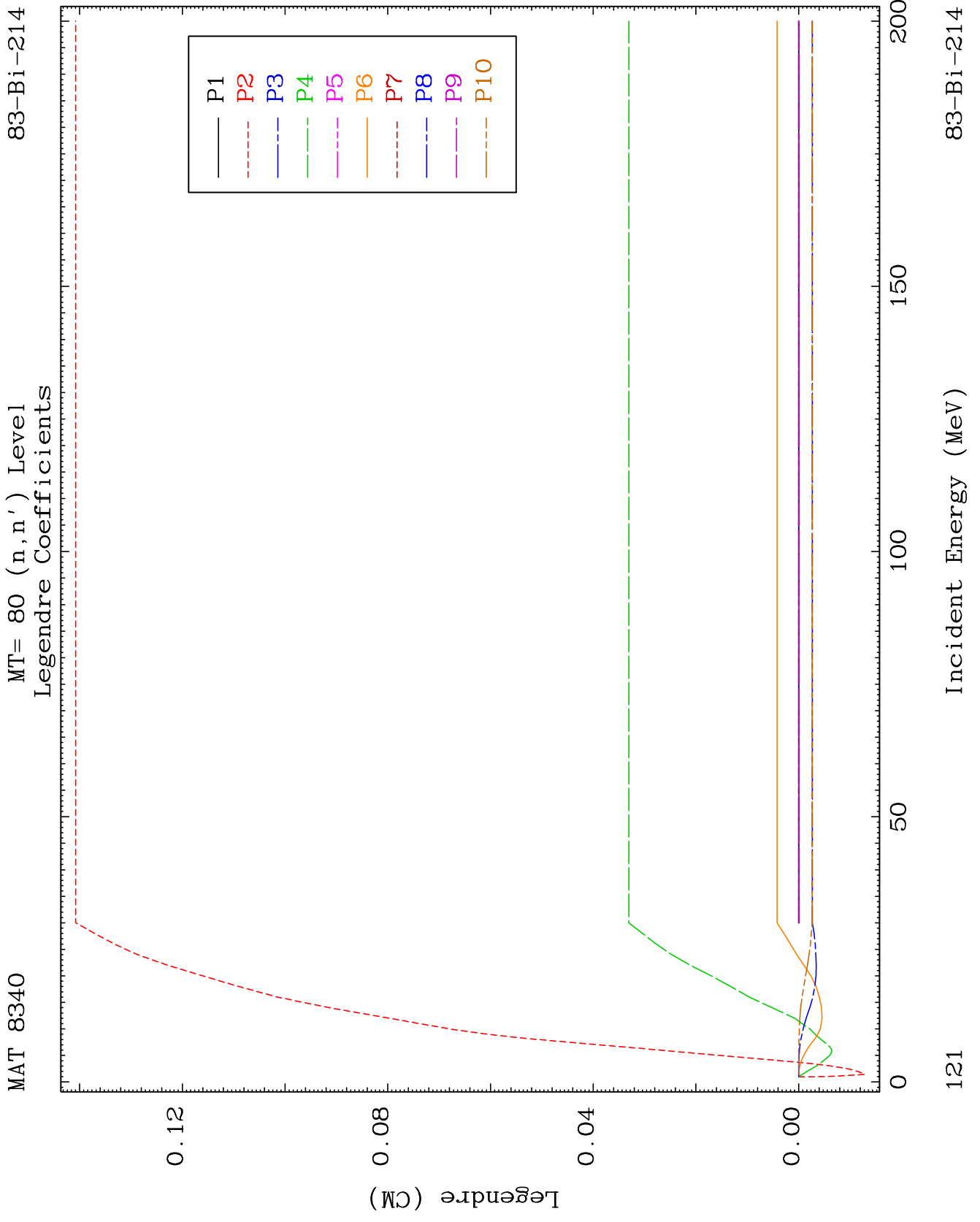
83-Bi-214



83-Bi-214

Incident Energy (MeV)

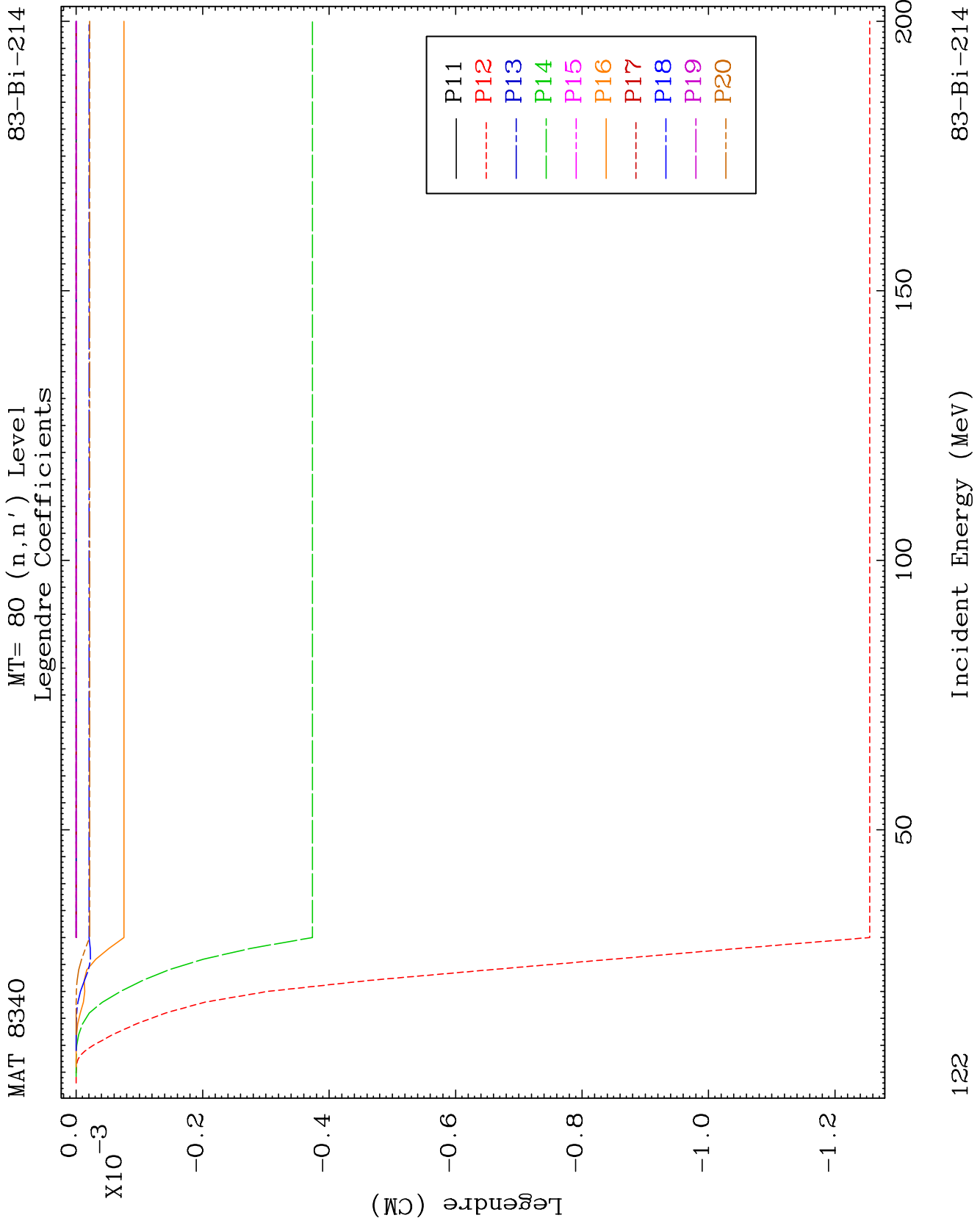
120

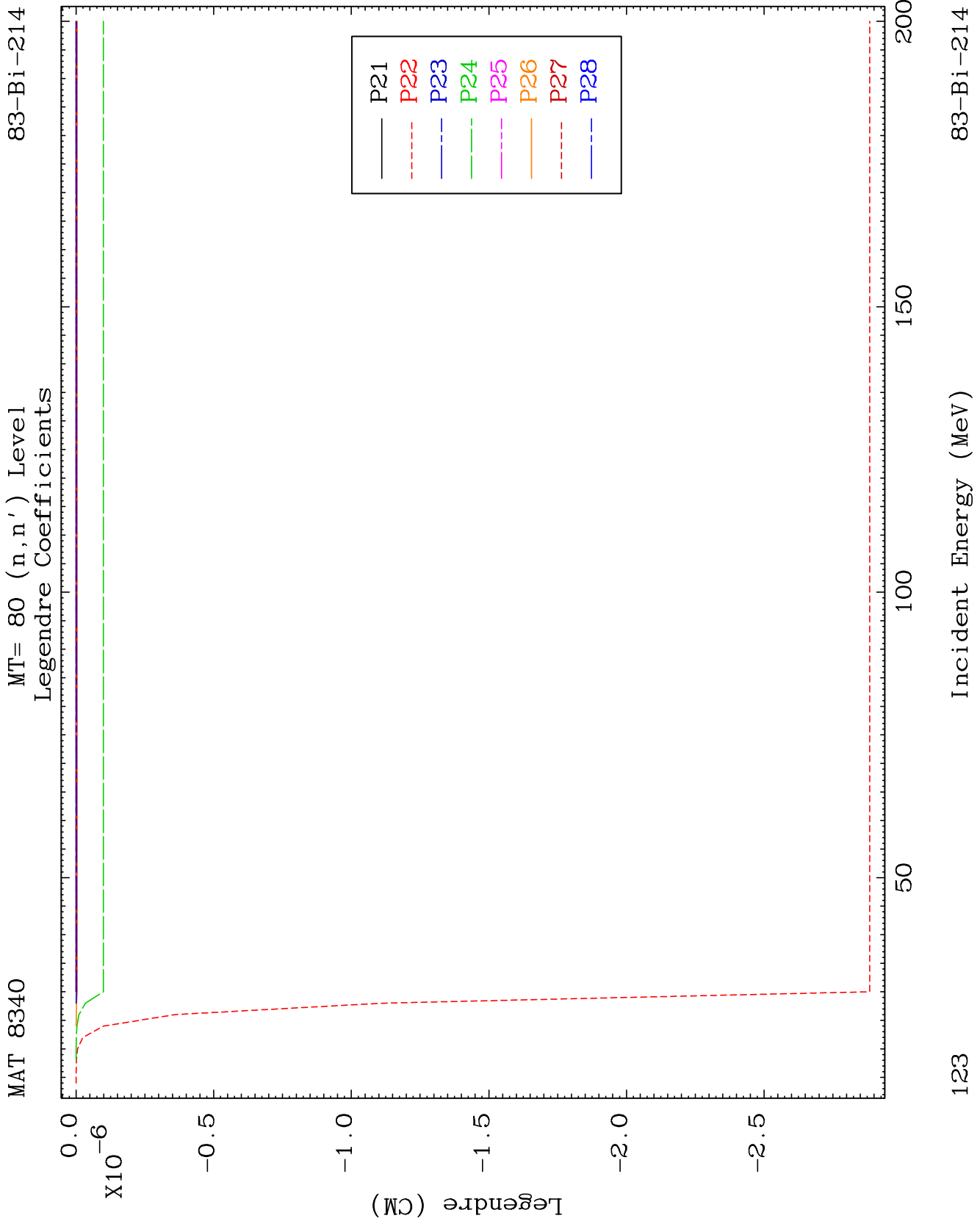


83-Bi-214

Incident Energy (MeV)

121

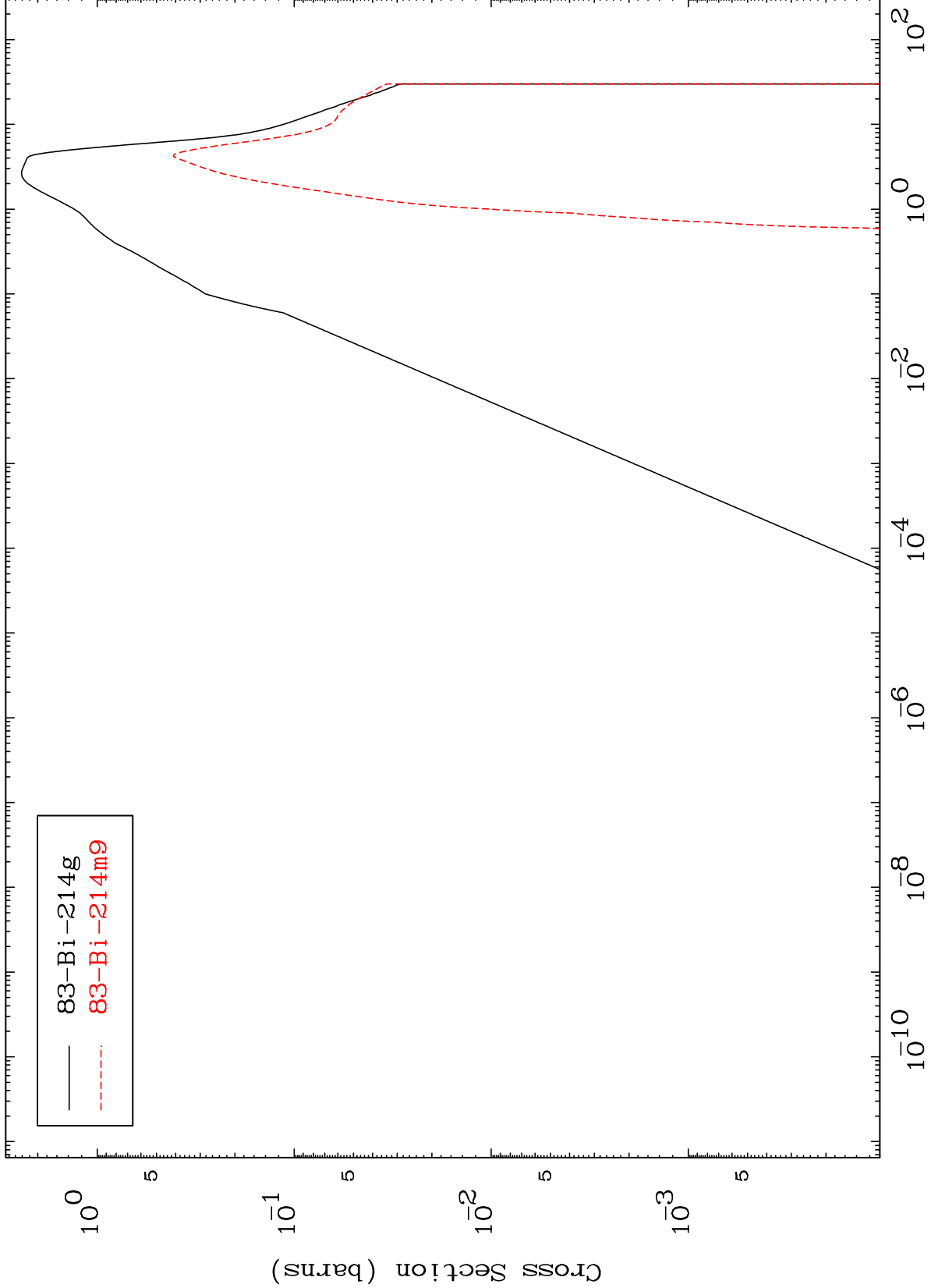




MAT 8340

Inelastic
Radionuclide Production Cross Section

83-Bi-214



83-Bi-214g
83-Bi-214m9

124

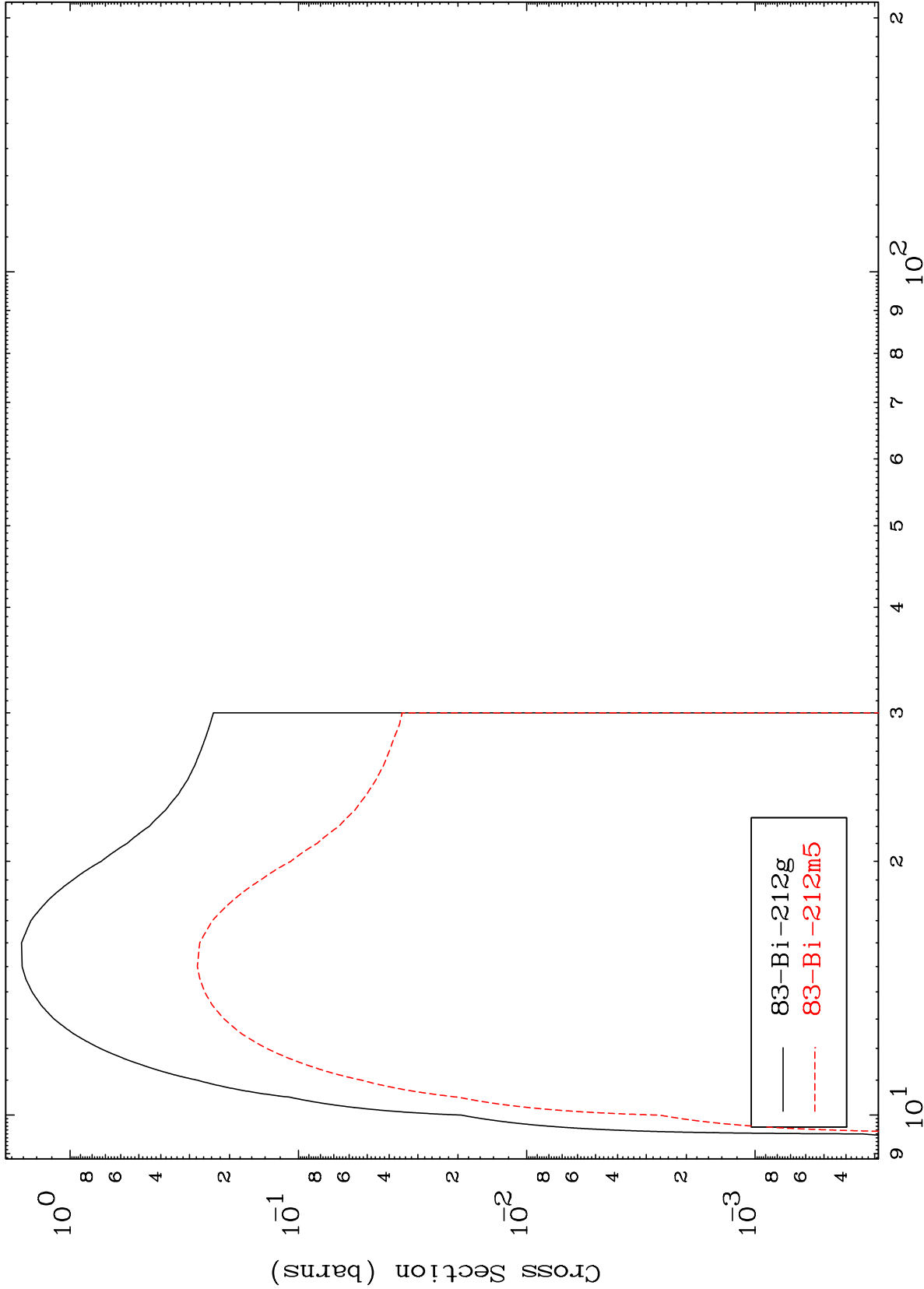
83-Bi-214

MAT 8340

(n,3n)

83-Bi-214

Radionuclide Production Cross Section



125

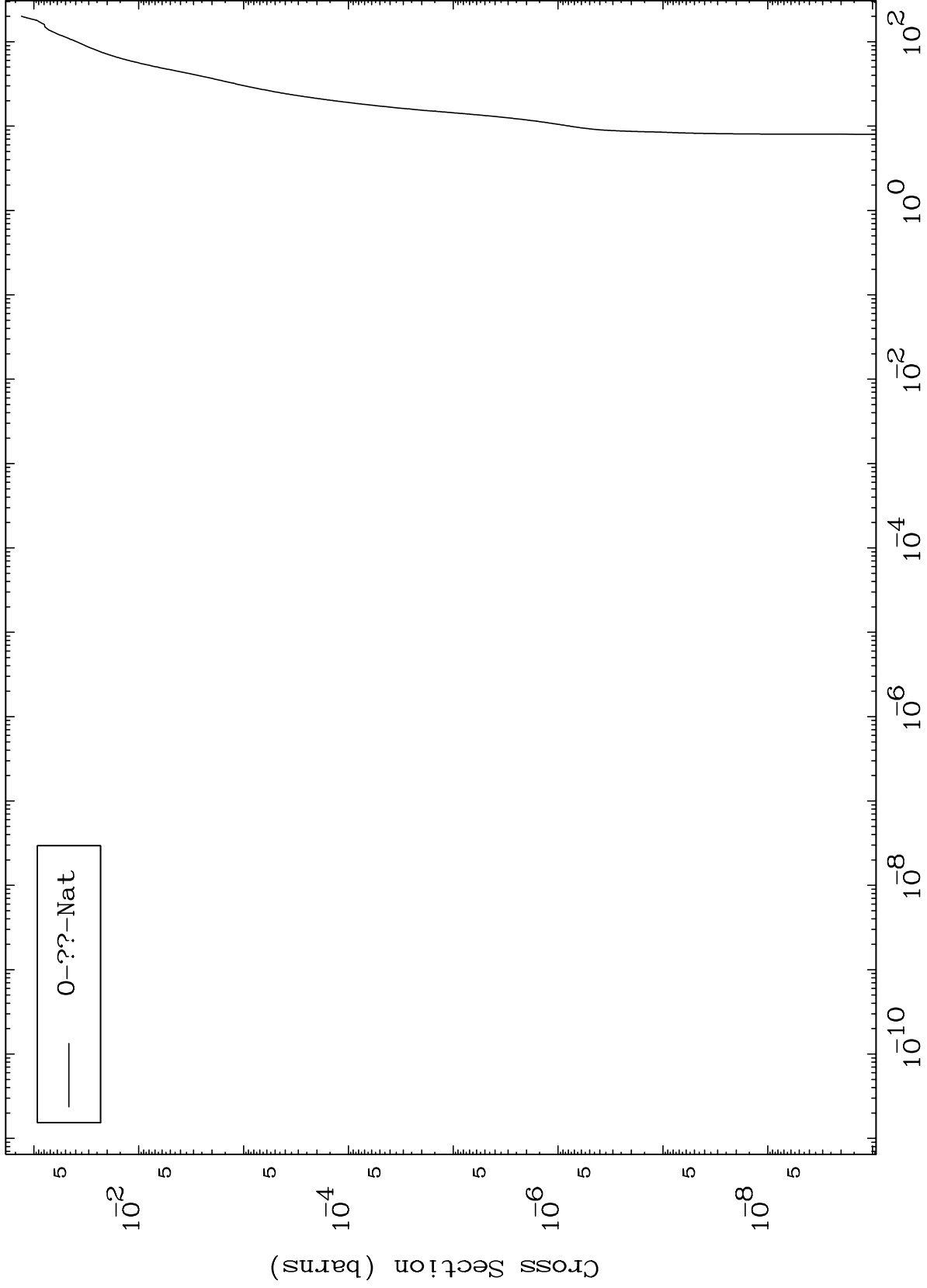
83-Bi-214

MAT 8340

Fission

83-Bi-214

Radionuclide Production Cross Section



126

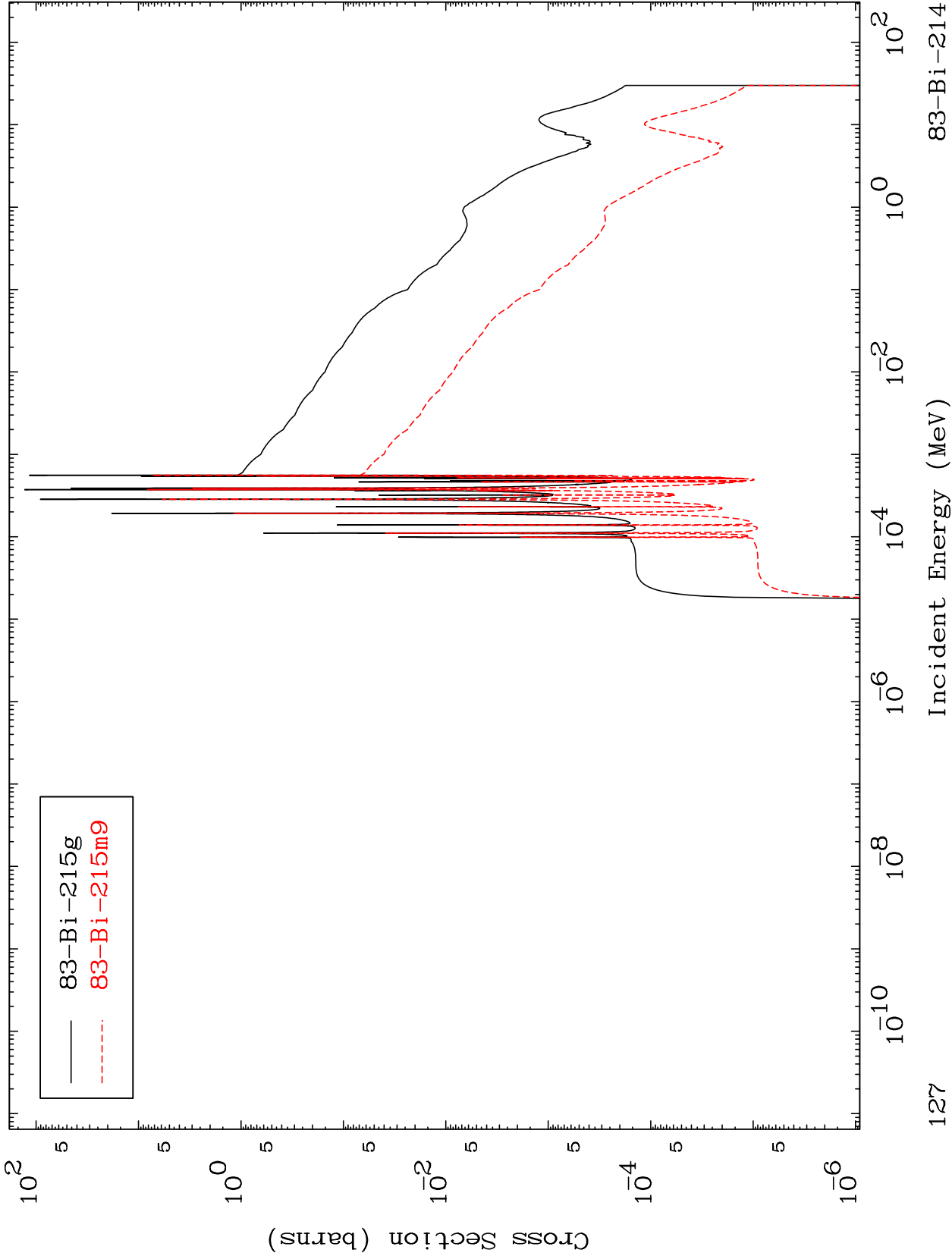
Incident Energy (MeV)

83-Bi-214

MAT 8340

83-Bi-214

(n, γ)
Radionuclide Production Cross Section



127

83-Bi-214