

Program EVALPLOT
(Version 2021-1)

by

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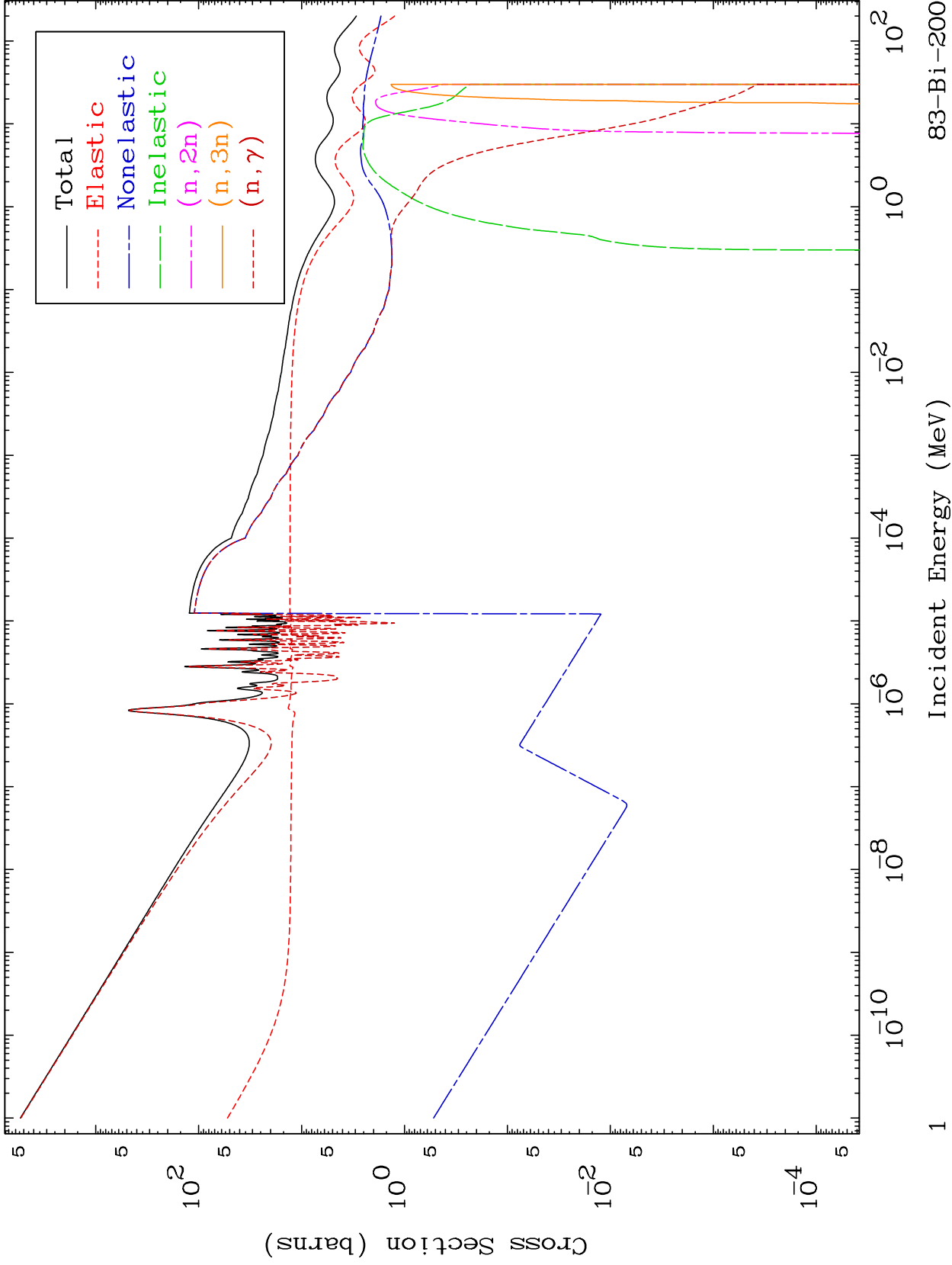
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8298

Neutron Major
293 Kelvin Cross Sections

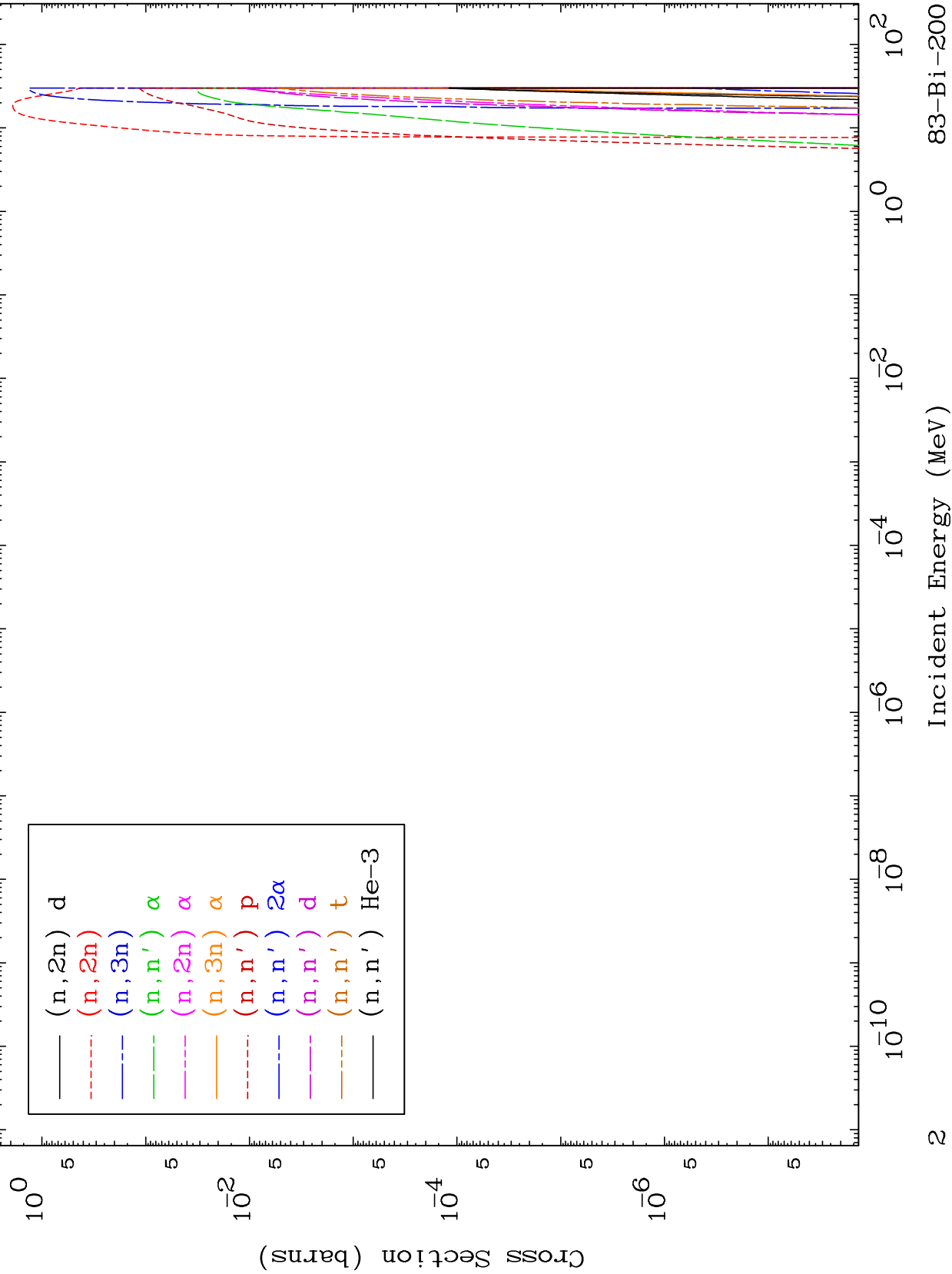
83-Bi-200



MAT 8298

Neutron Absorption
293 Kelvin Cross Sections

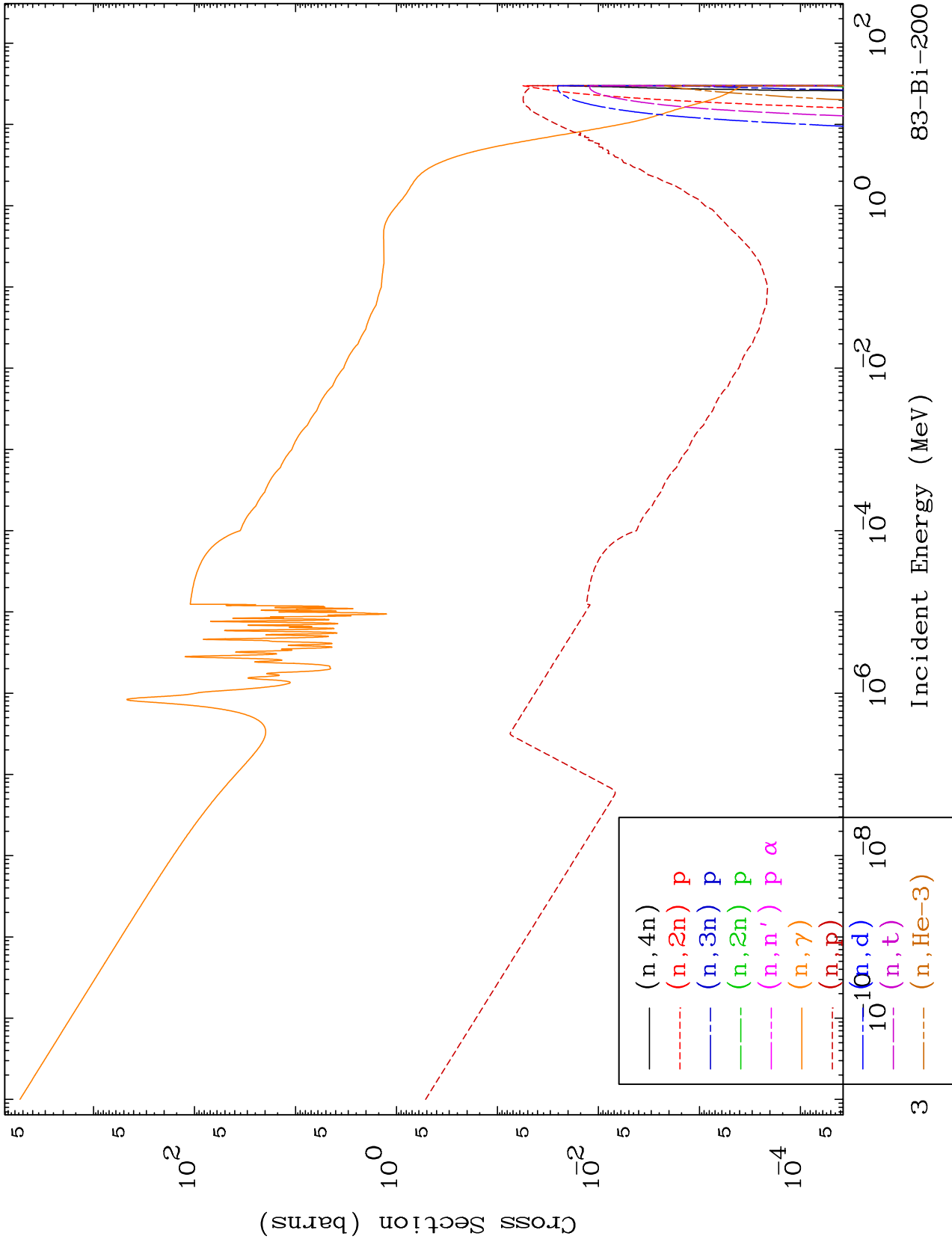
83-Bi-200



MAT 8298

Neutron Absorption
293 Kelvin Cross Sections

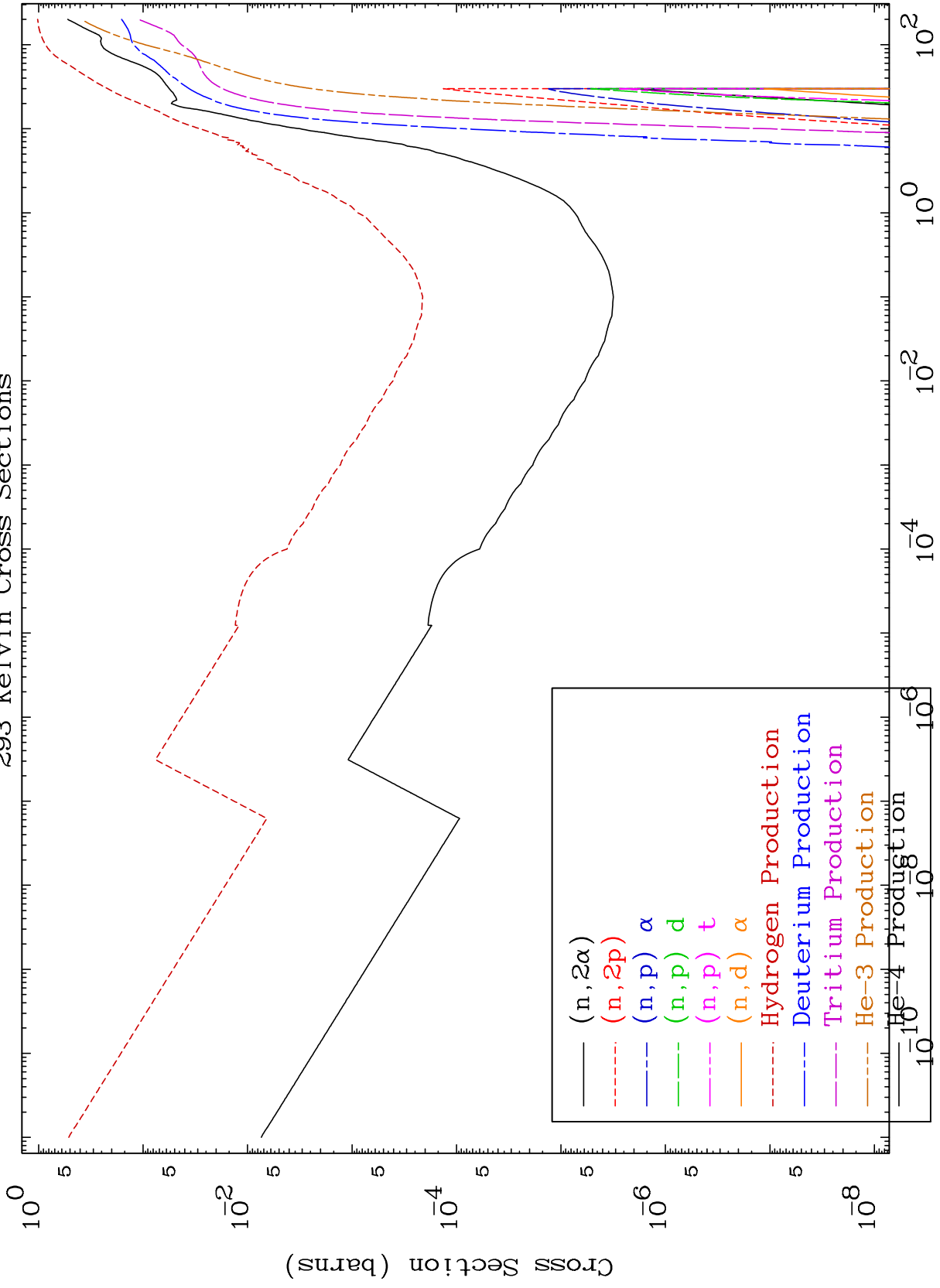
83-Bi-200



MAT 8298

Neutron Absorption
293 Kelvin Cross Sections

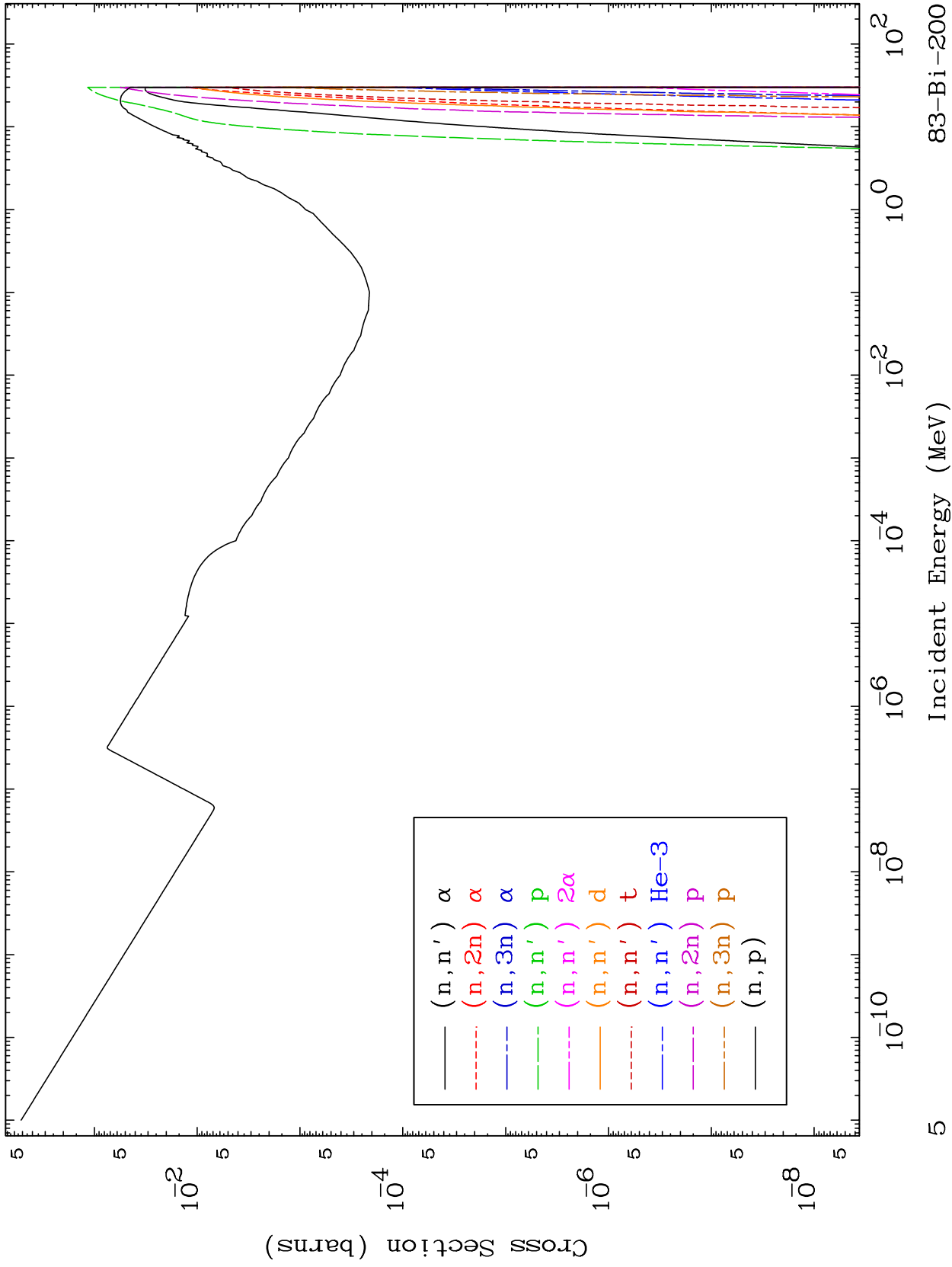
83-Bi-200



MAT 8298

Charged Particle
293 Kelvin Cross Sections

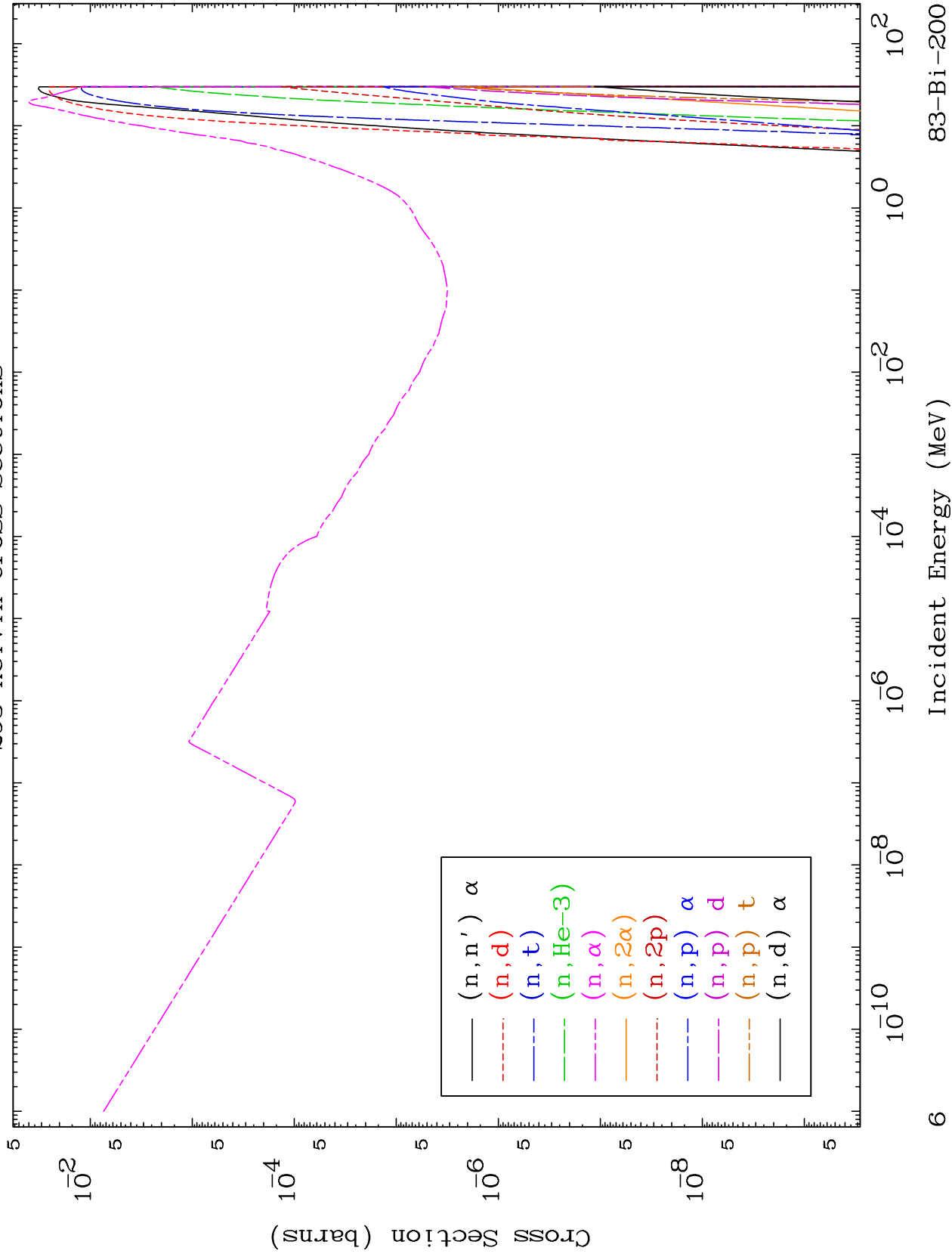
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MAT 8298

Charged Particle
293 Kelvin Cross Sections

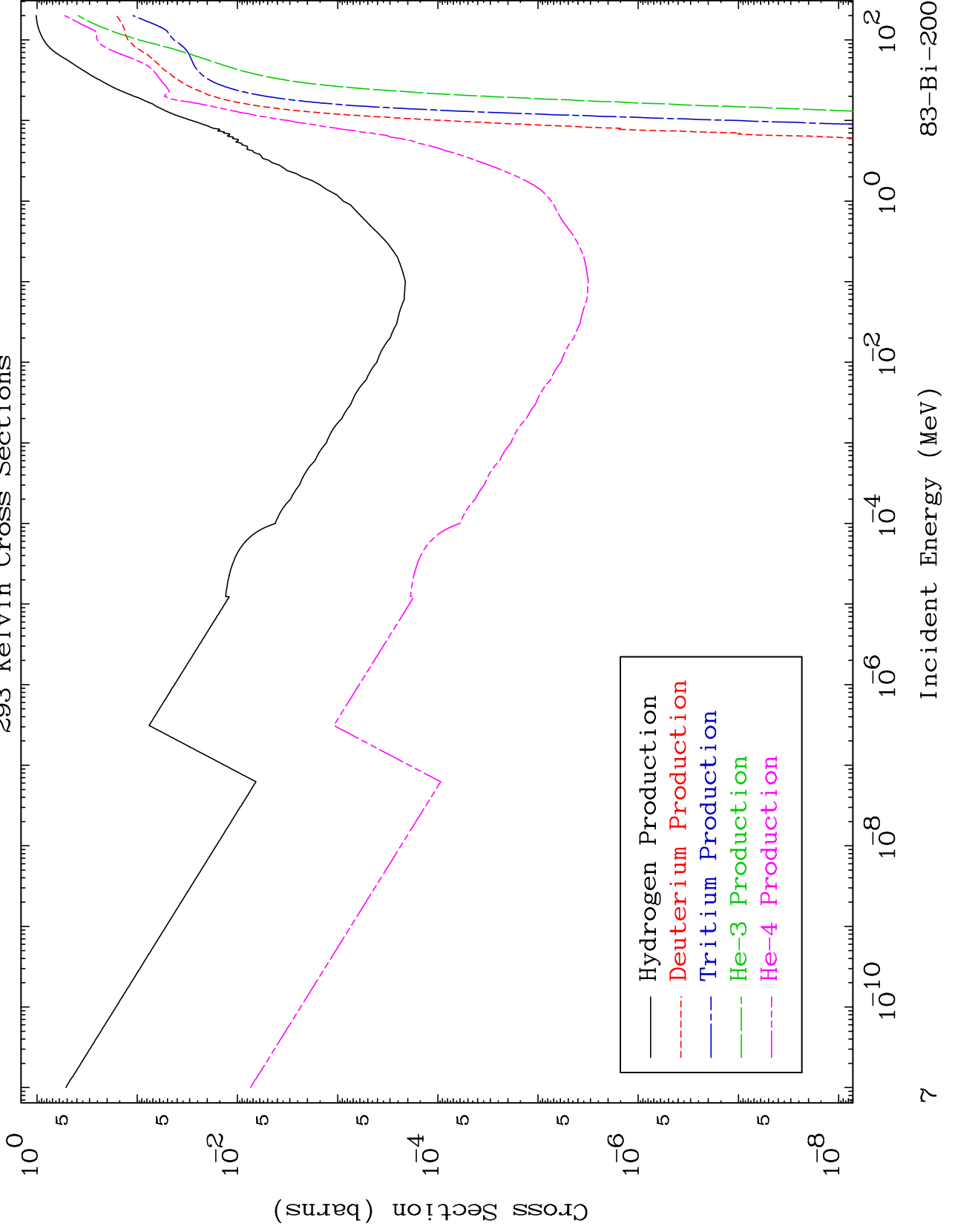
83-Bi-200



MAT 8298

Particle Production
293 Kelvin Cross Sections

83-Bi-200

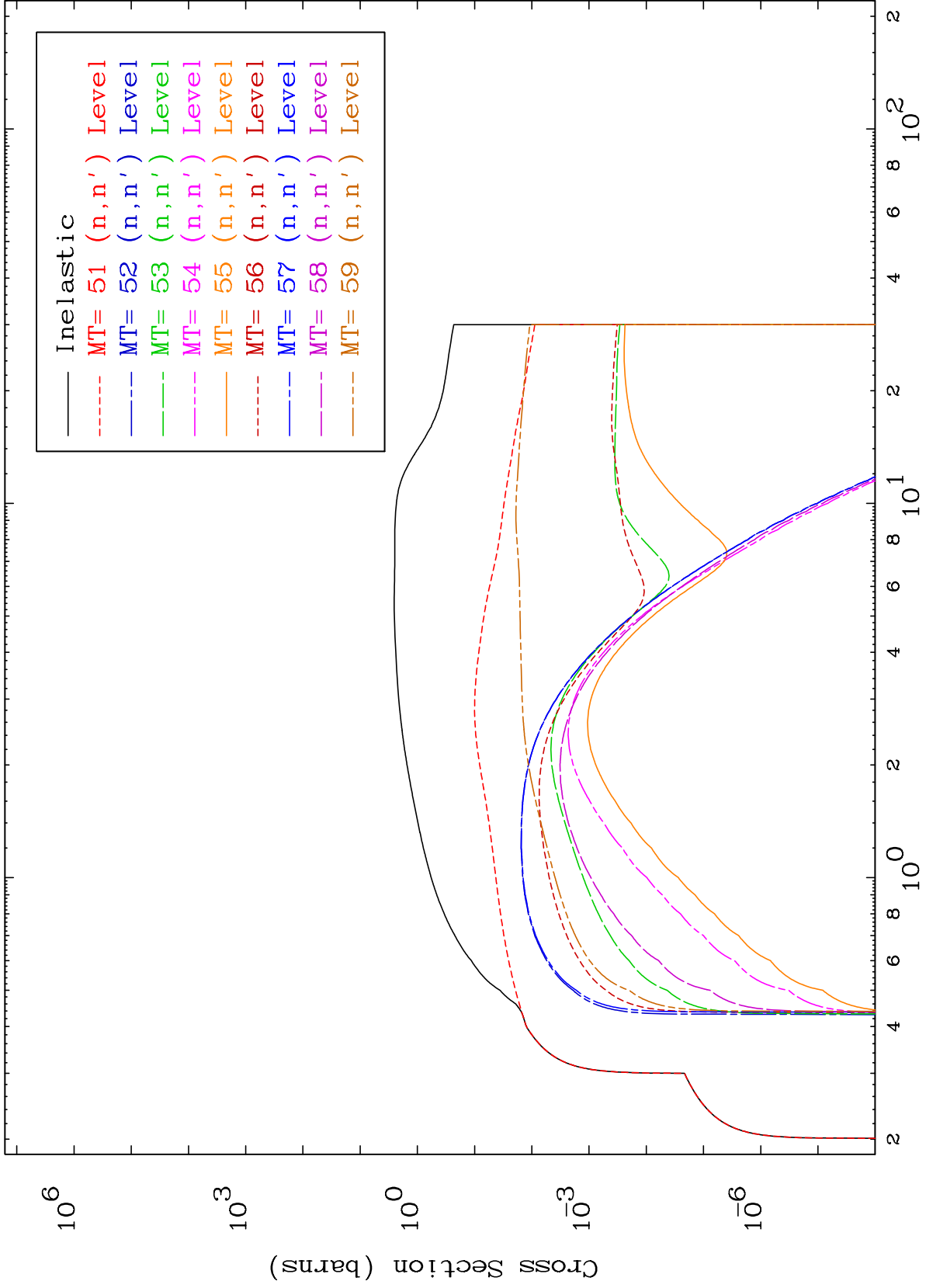


MAT 8298

(n,n') Levels

293 Kelvin Cross Sections

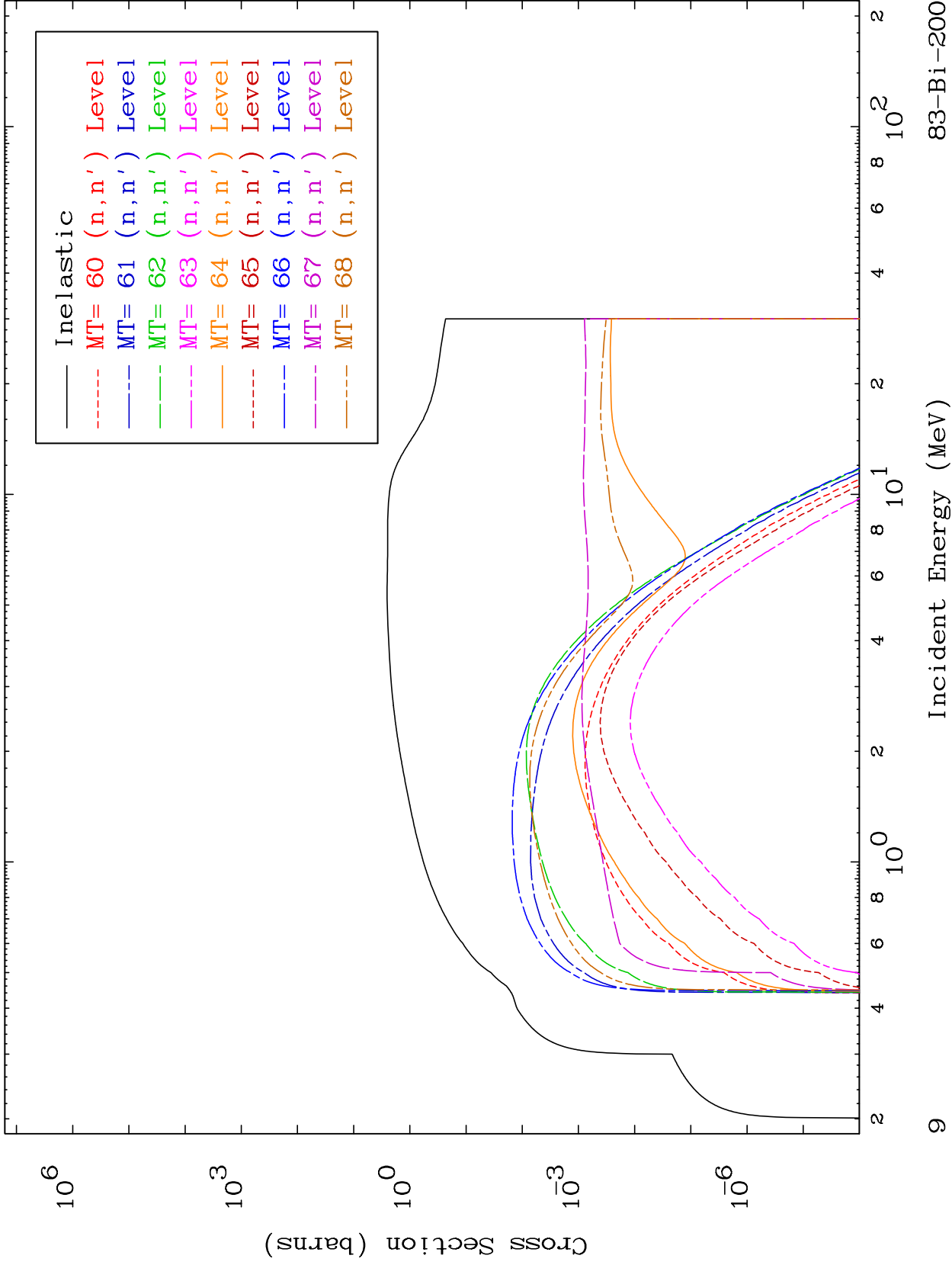
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8

Incident Energy (MeV)

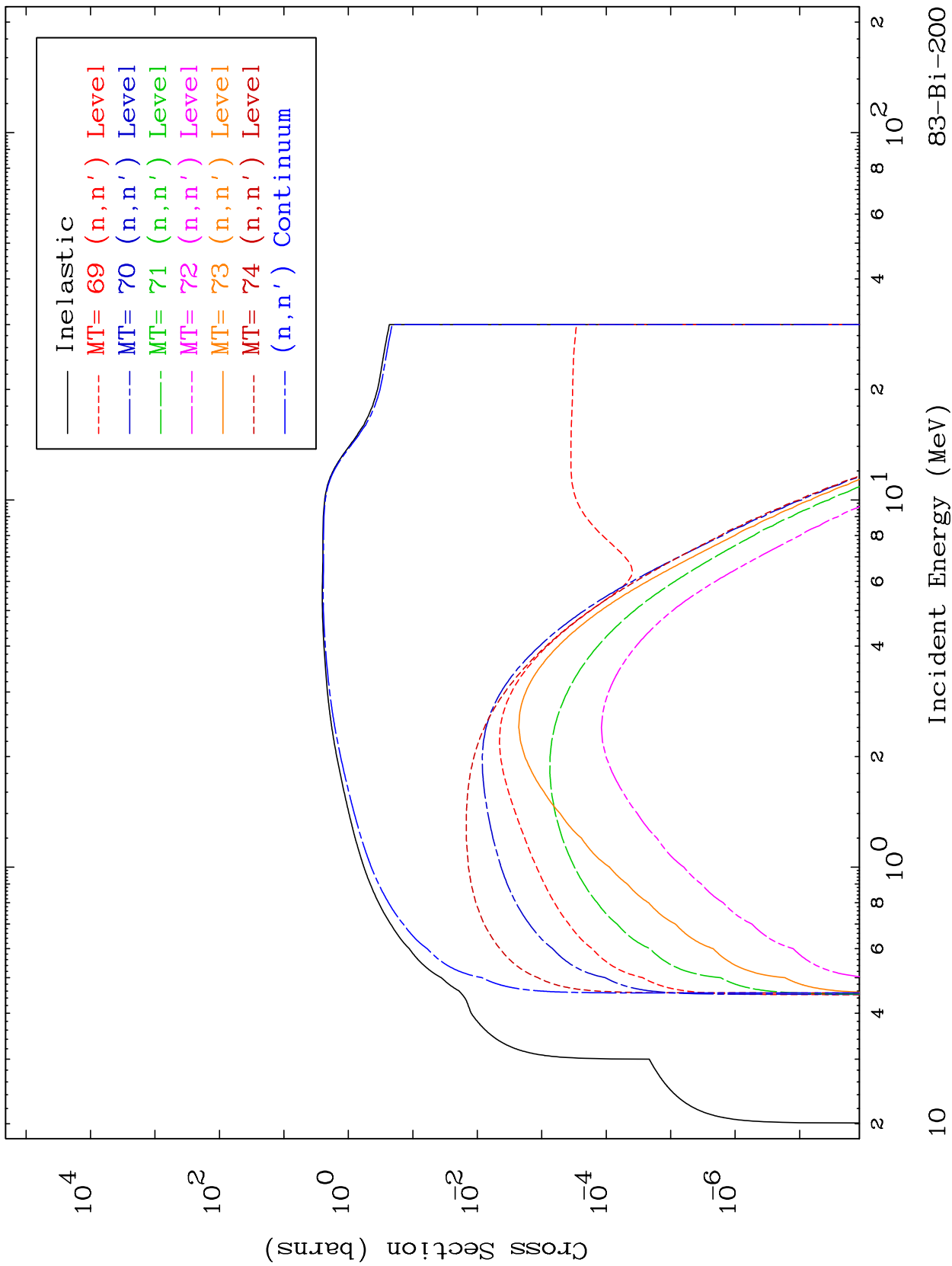
83-Bi-200



MAT 8298

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-200



83-Bi-200

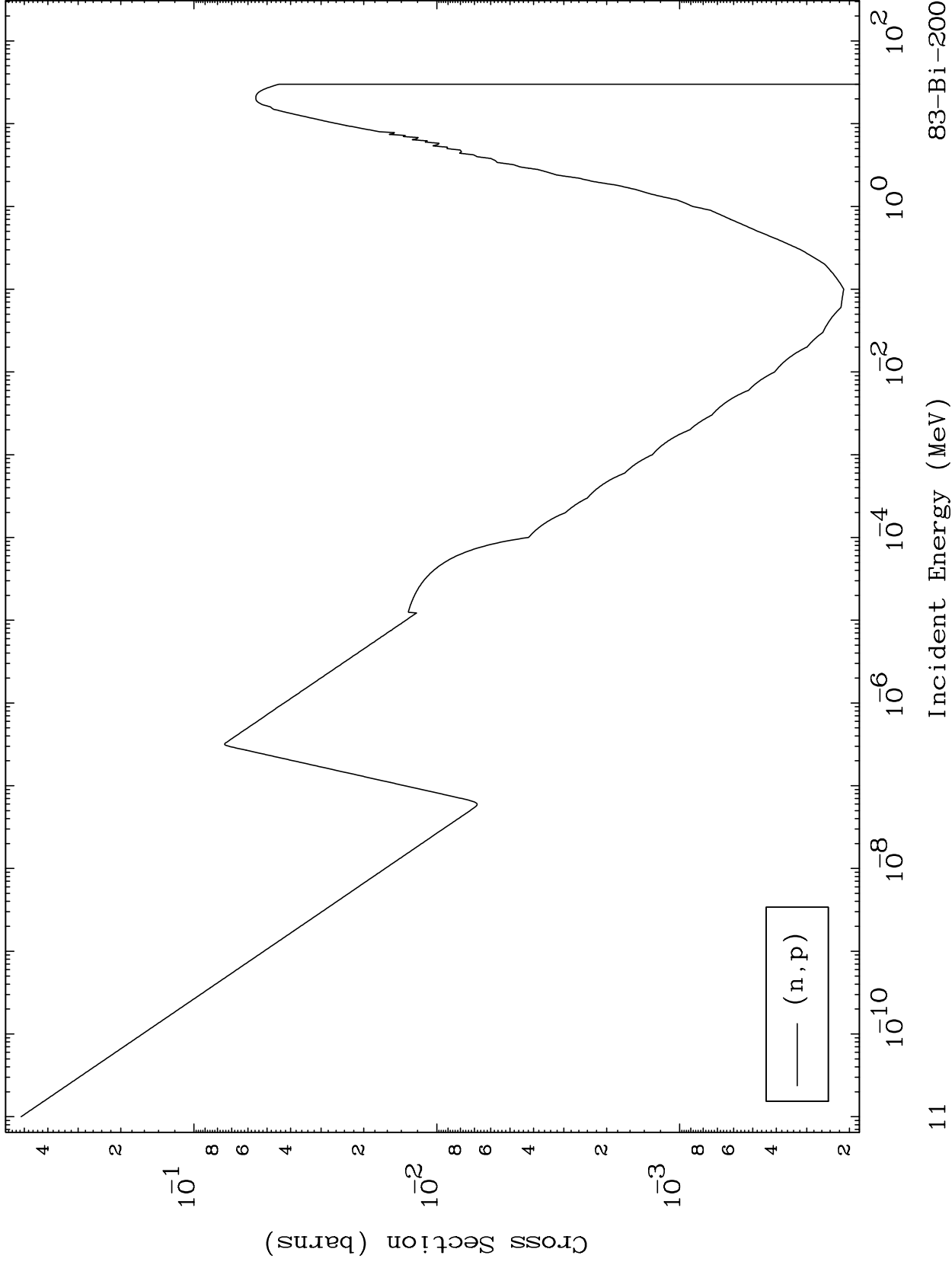
Incident Energy (MeV)

10

MAT 8298

(n,p) Levels
293 Kelvin Cross Sections

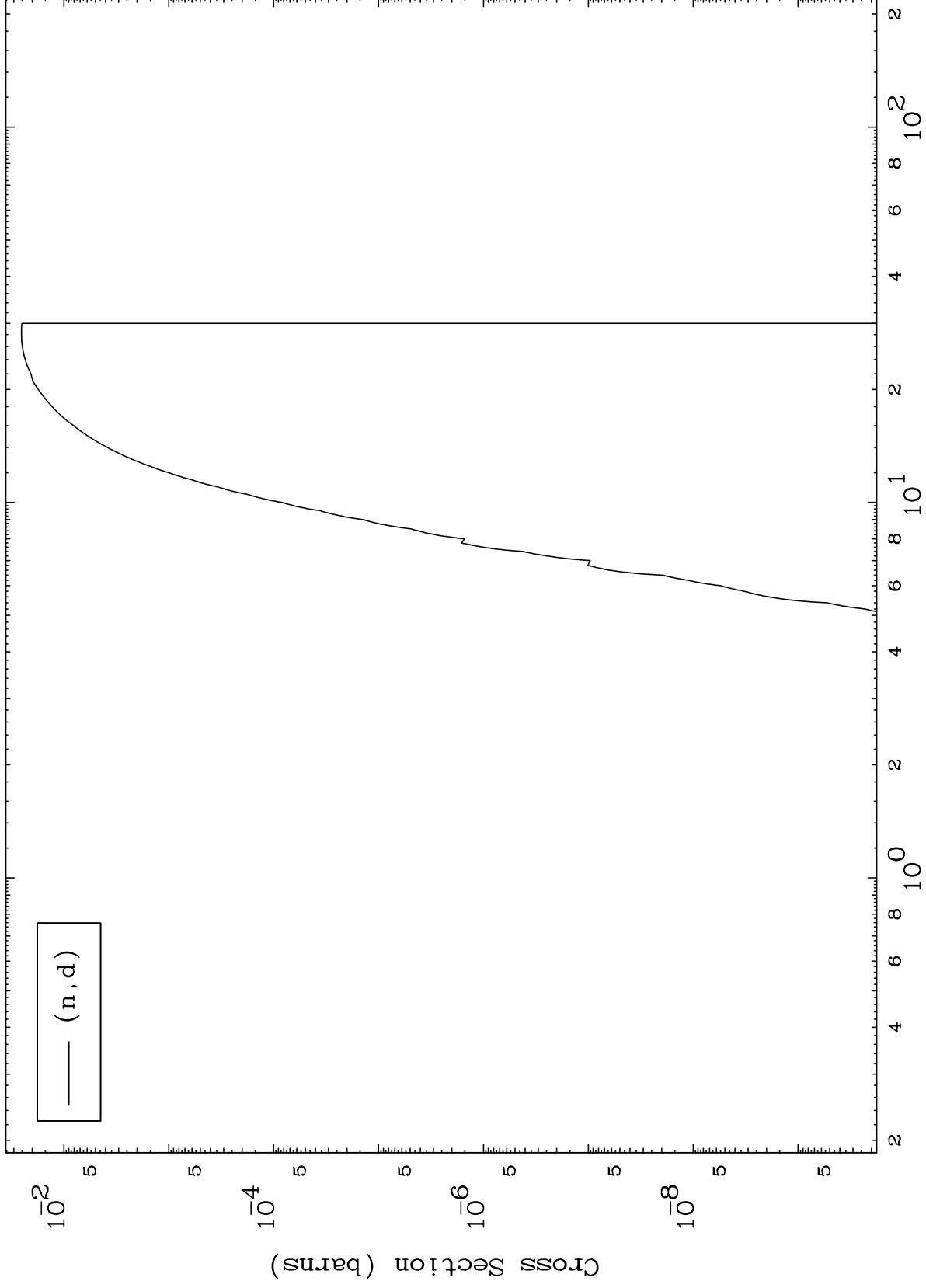
83-Bi-200



MAT 8298

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-200



12

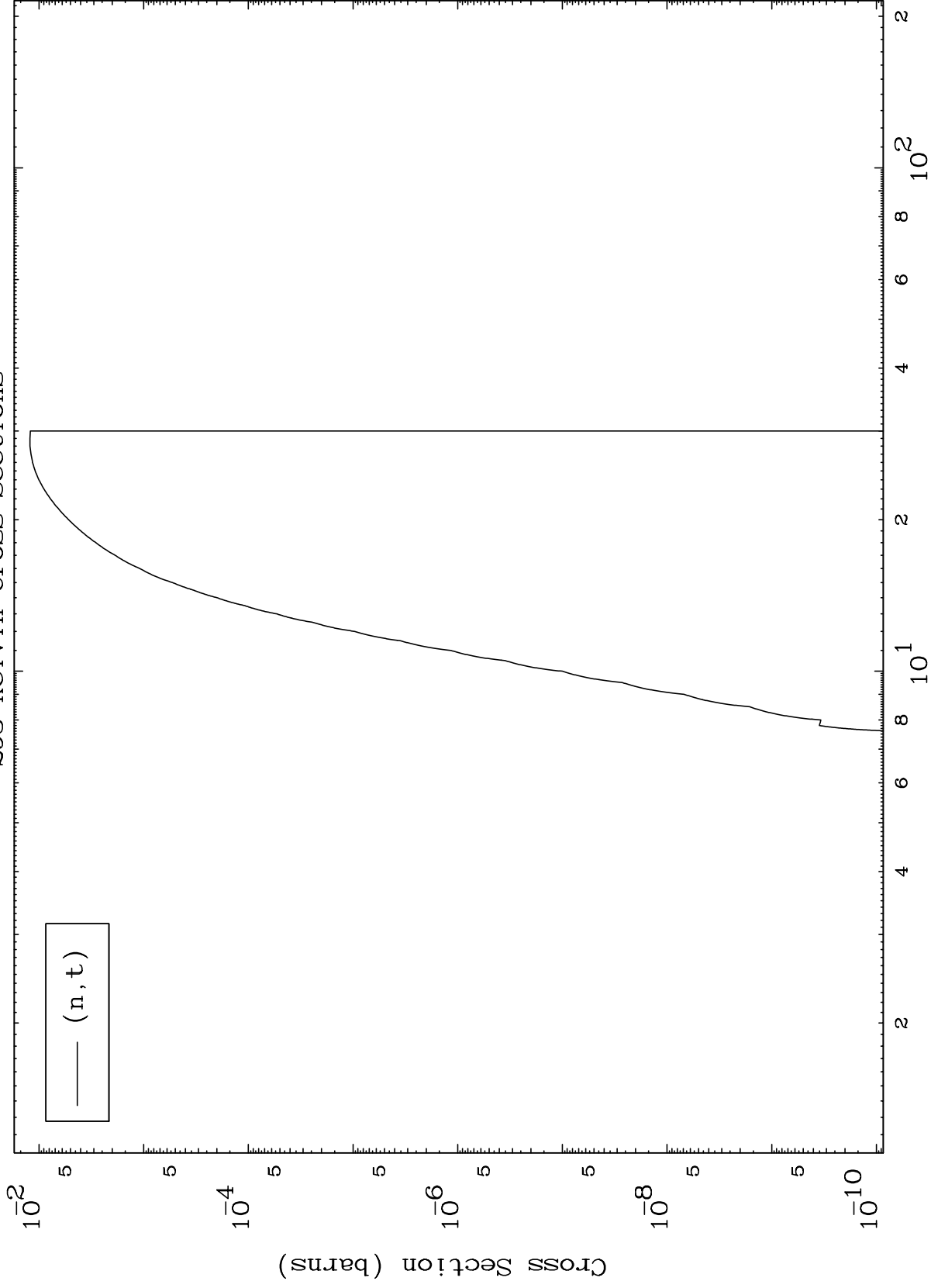
Incident Energy (MeV)

83-Bi-200

MAT 8298

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-200



13

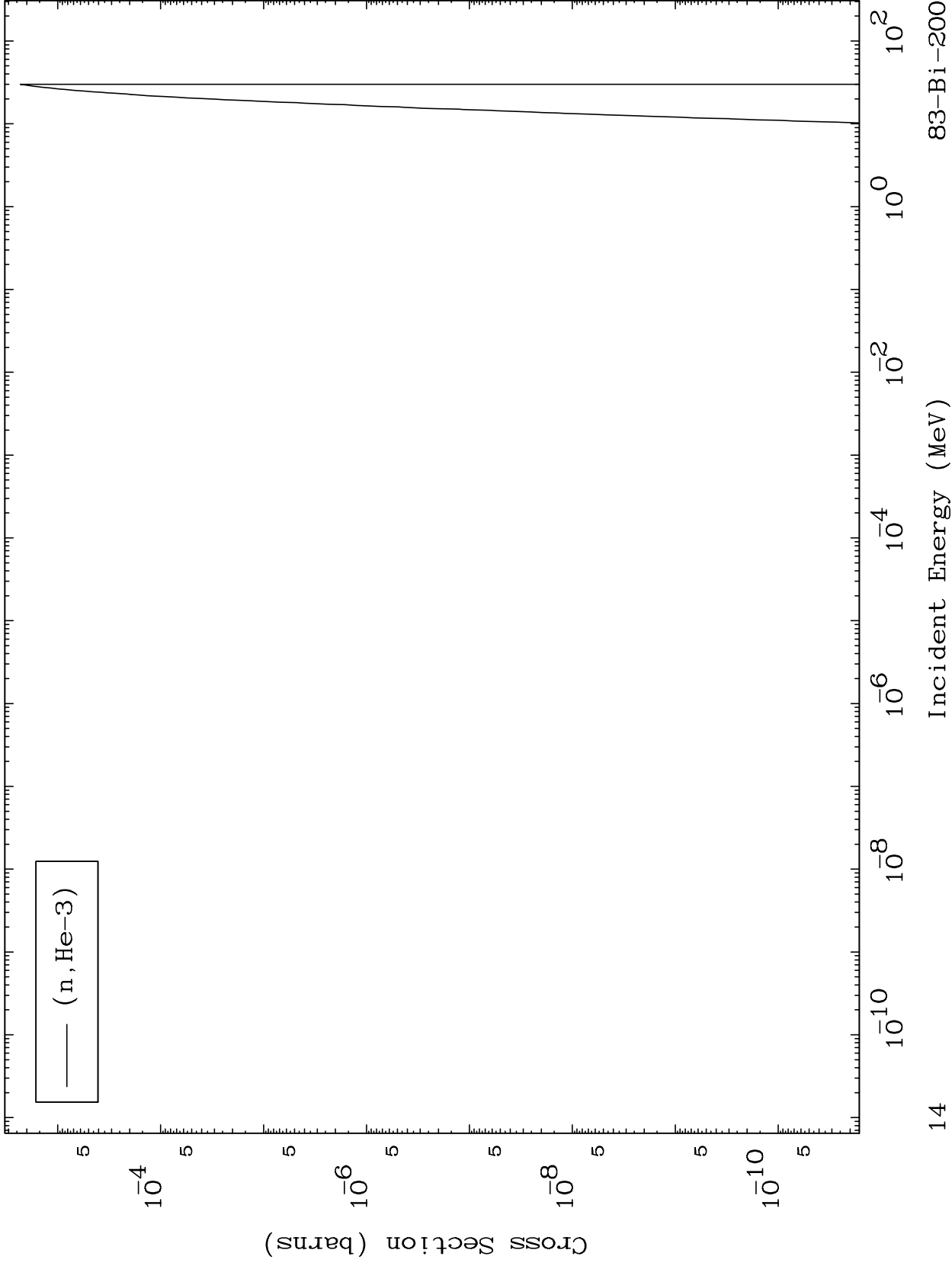
Incident Energy (MeV)

83-Bi-200

MAT 8298

(n,He3) Levels
293 Kelvin Cross Sections

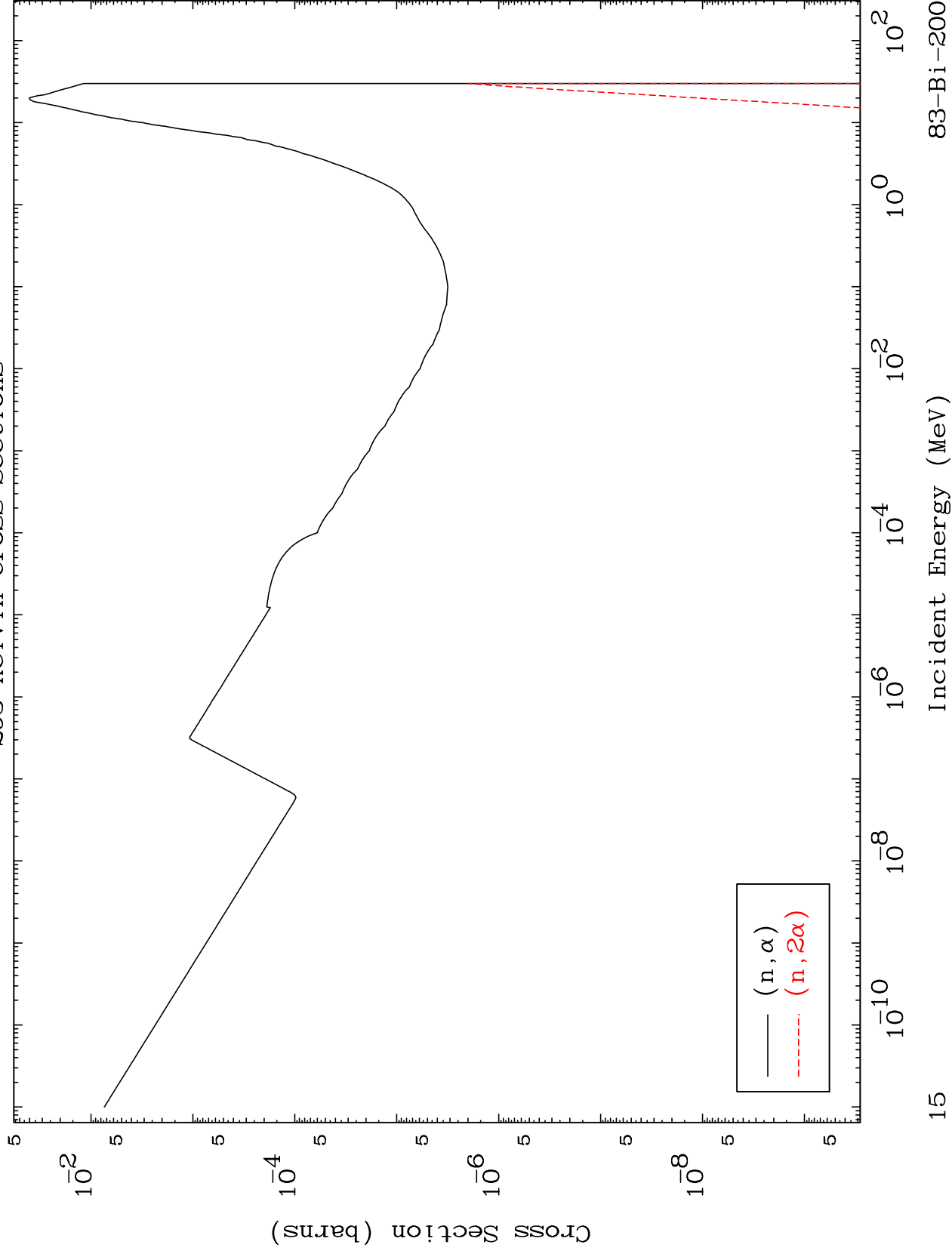
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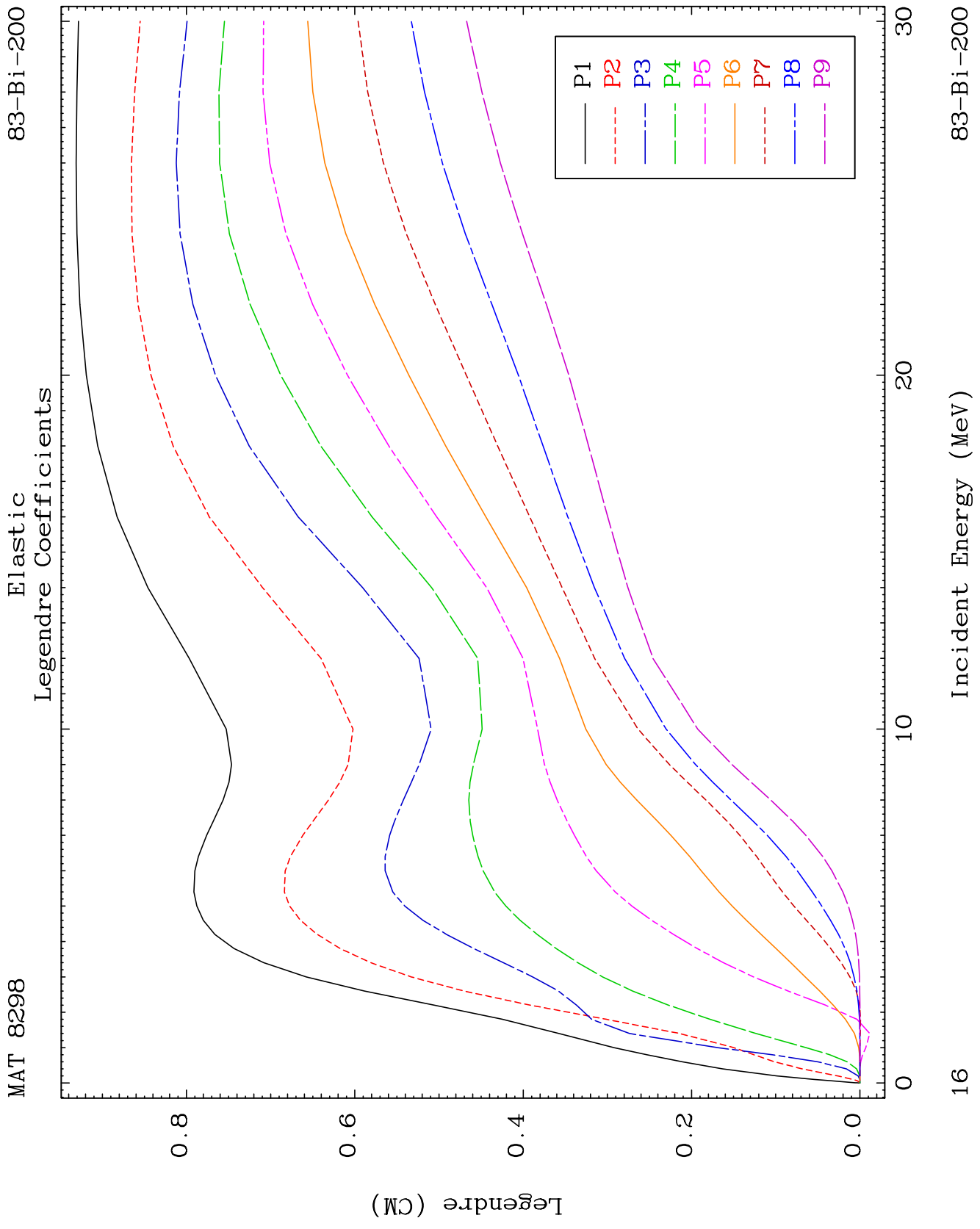
MAT 8298

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-200



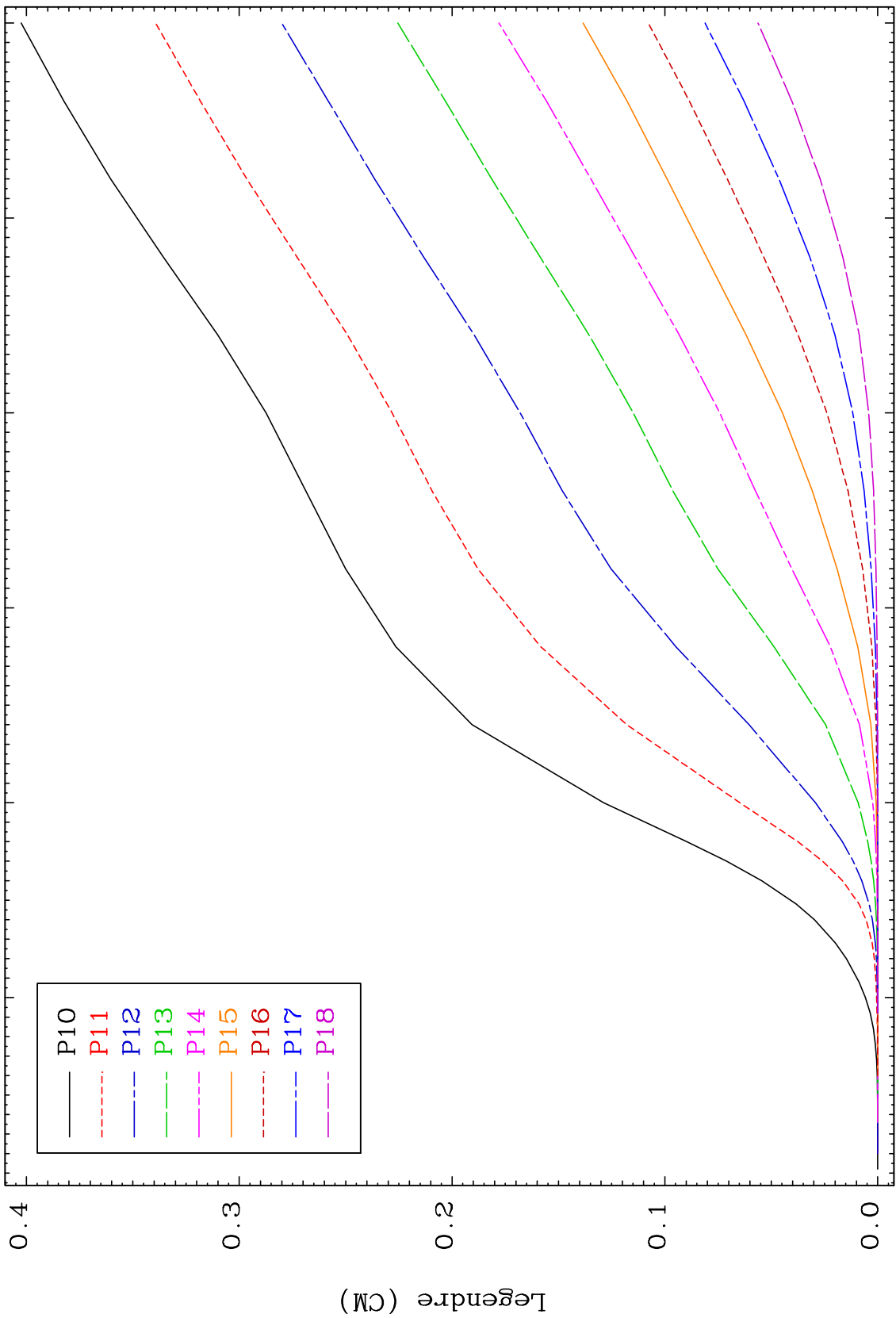
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MAT 8298

Elastic Legendre Coefficients

83-Bi-200



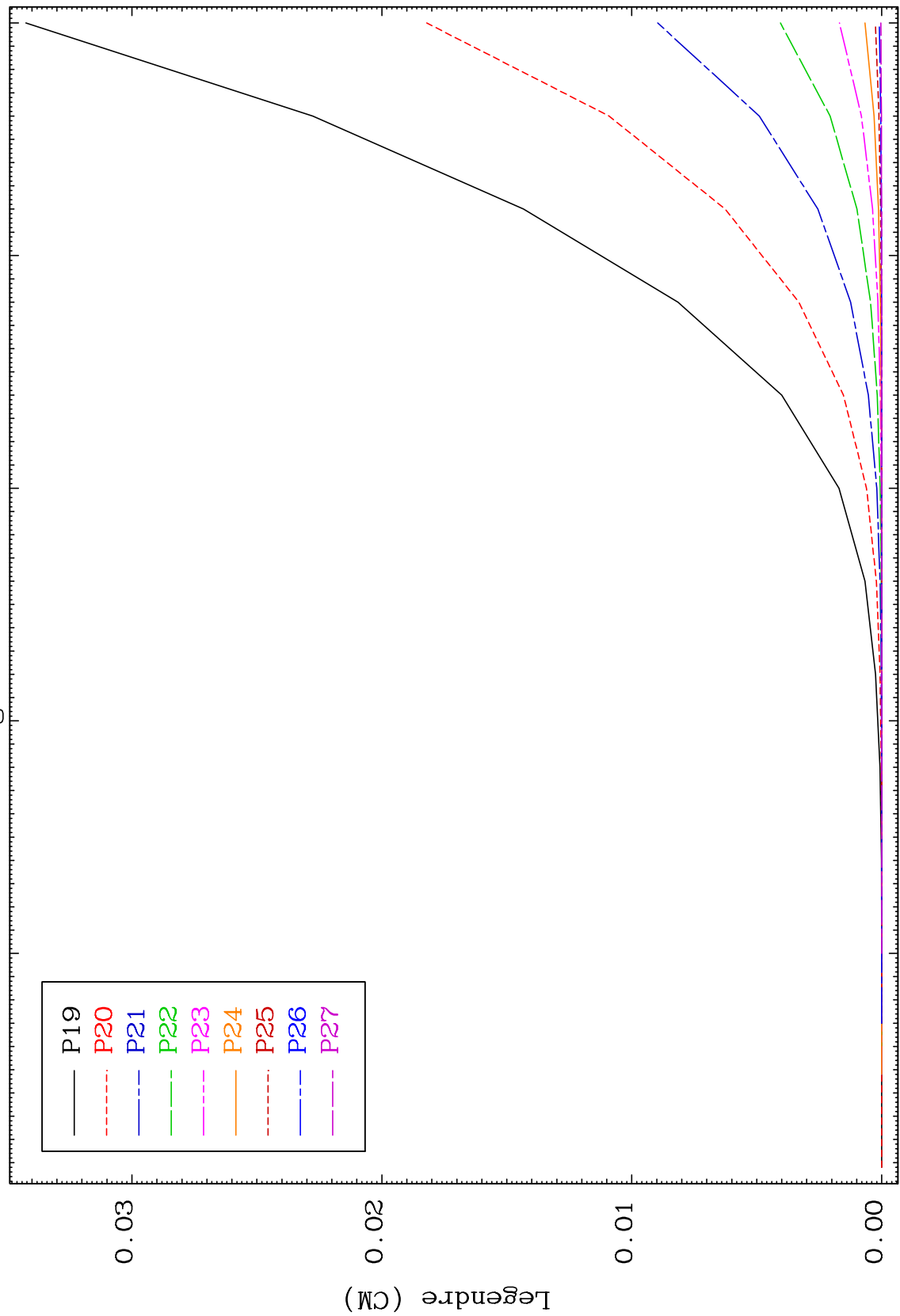
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83-Bi-200

MAT 8298

Elastic Legendre Coefficients

83-Bi-200



18

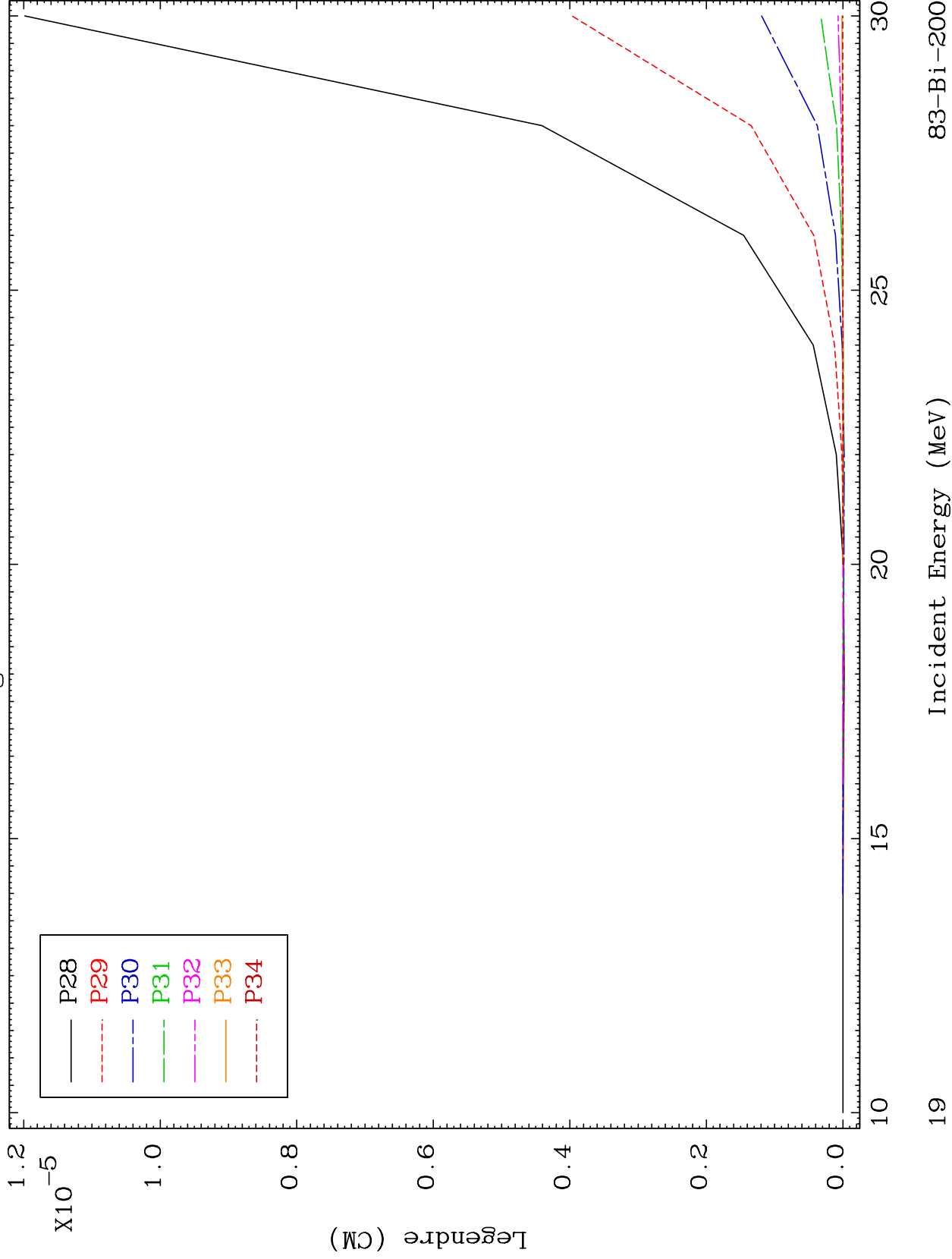
Incident Energy (MeV)

83-Bi-200

MAT 8298

Elastic Legendre Coefficients

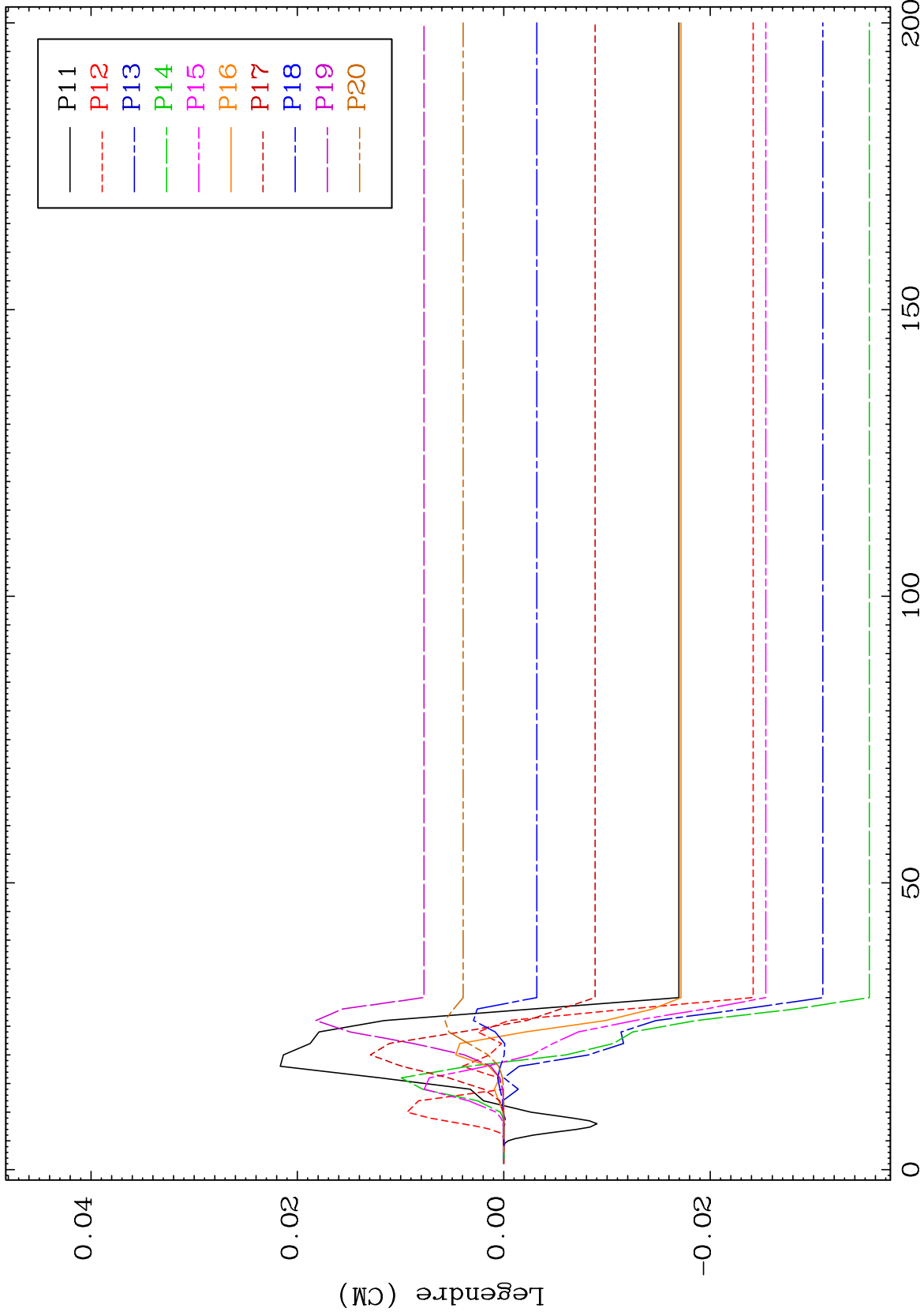
83-Bi-200



MAT 8298

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

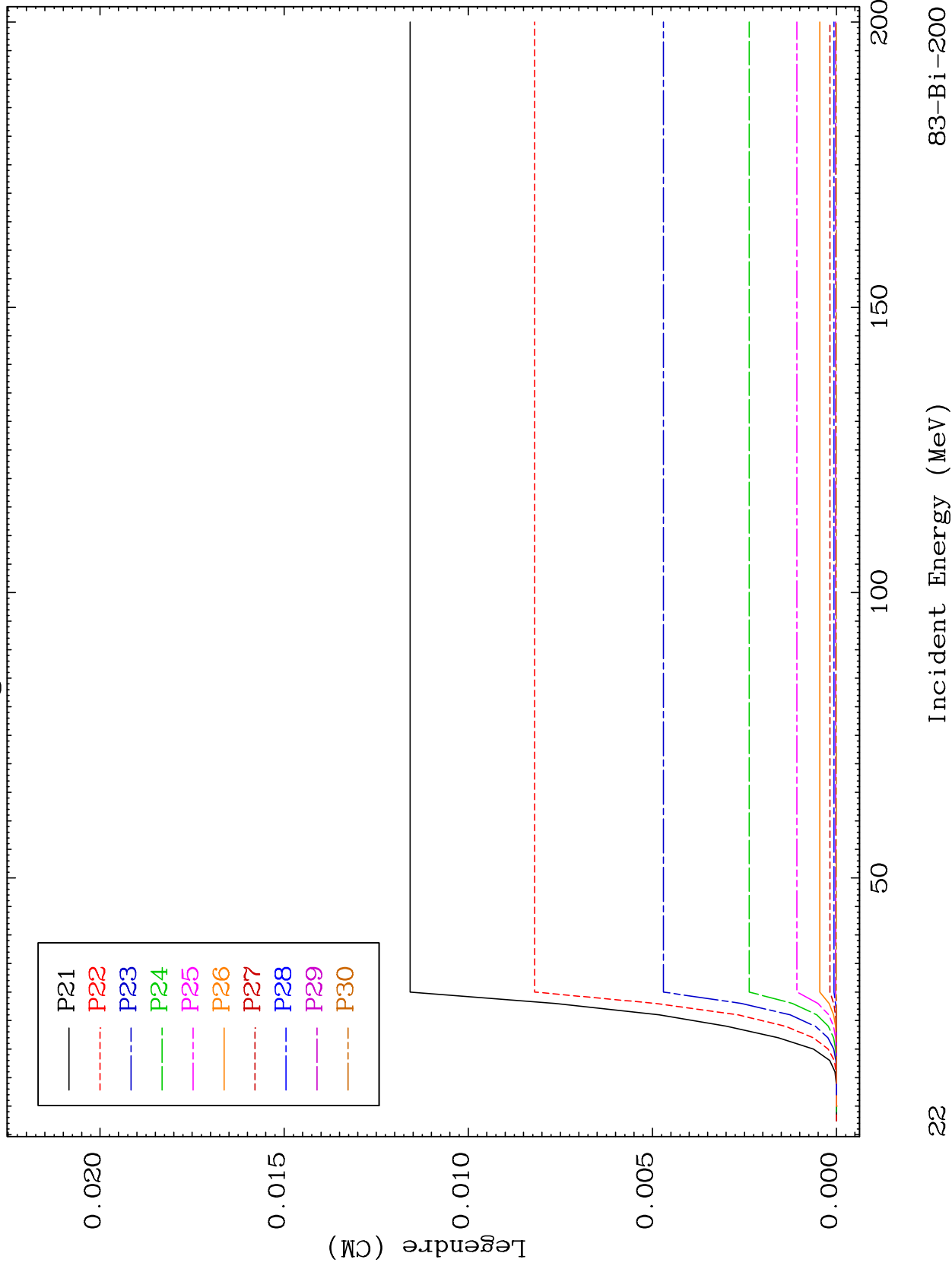
83-Bi-200



MAT 8298

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

83-Bi-200



22

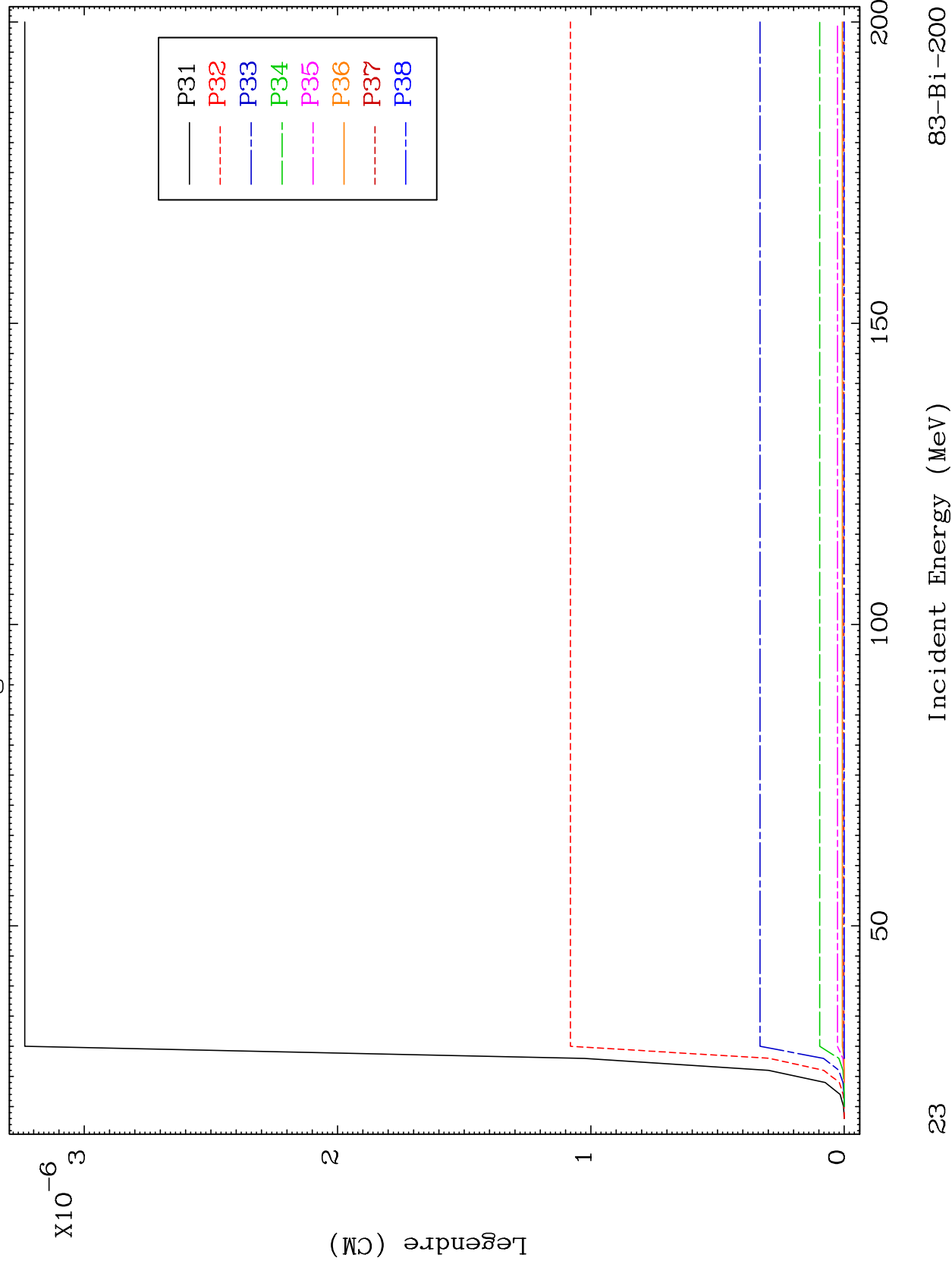
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



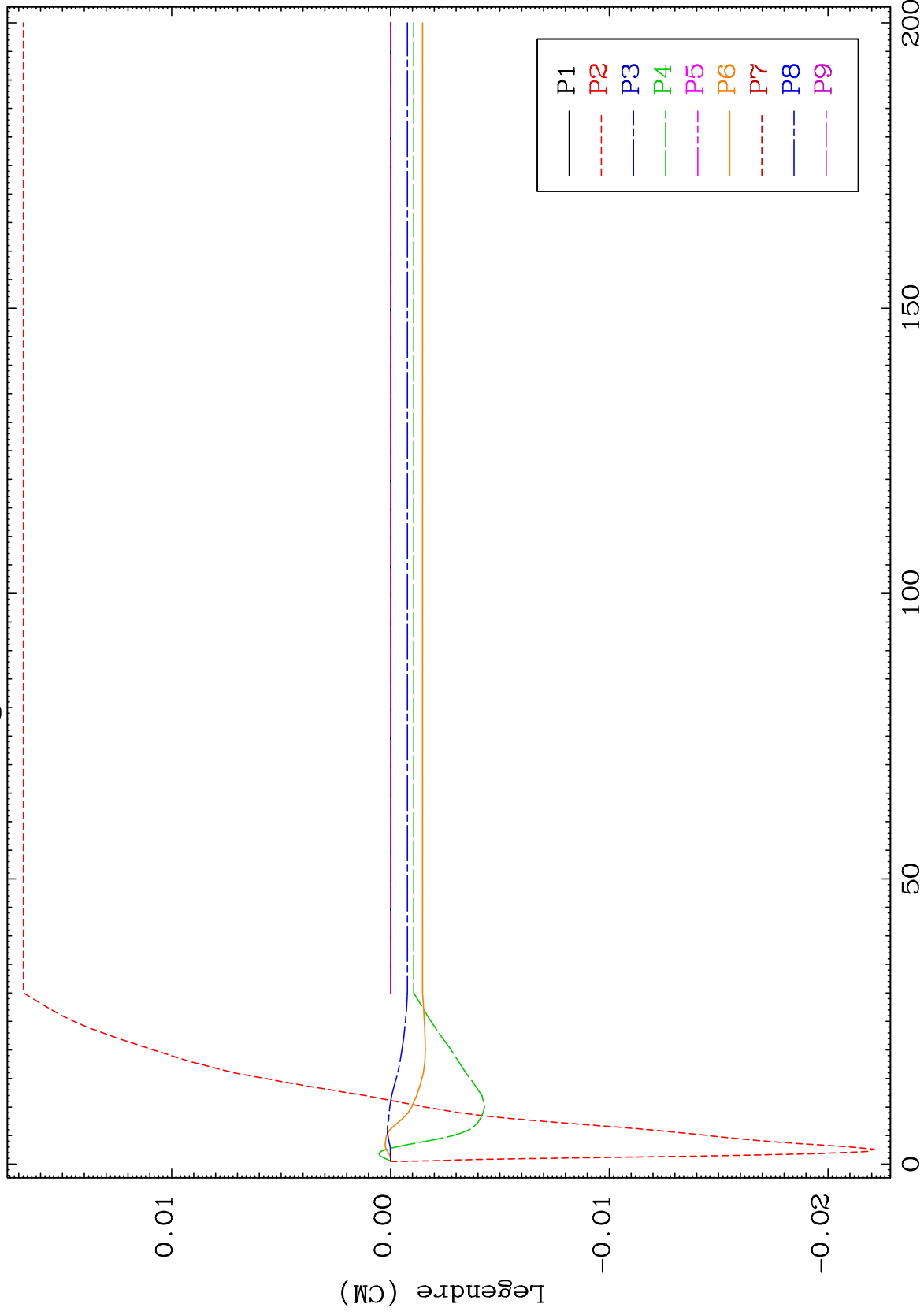
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83-Bi-200

MAT 8298

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

83-Bi-200



83-Bi-200

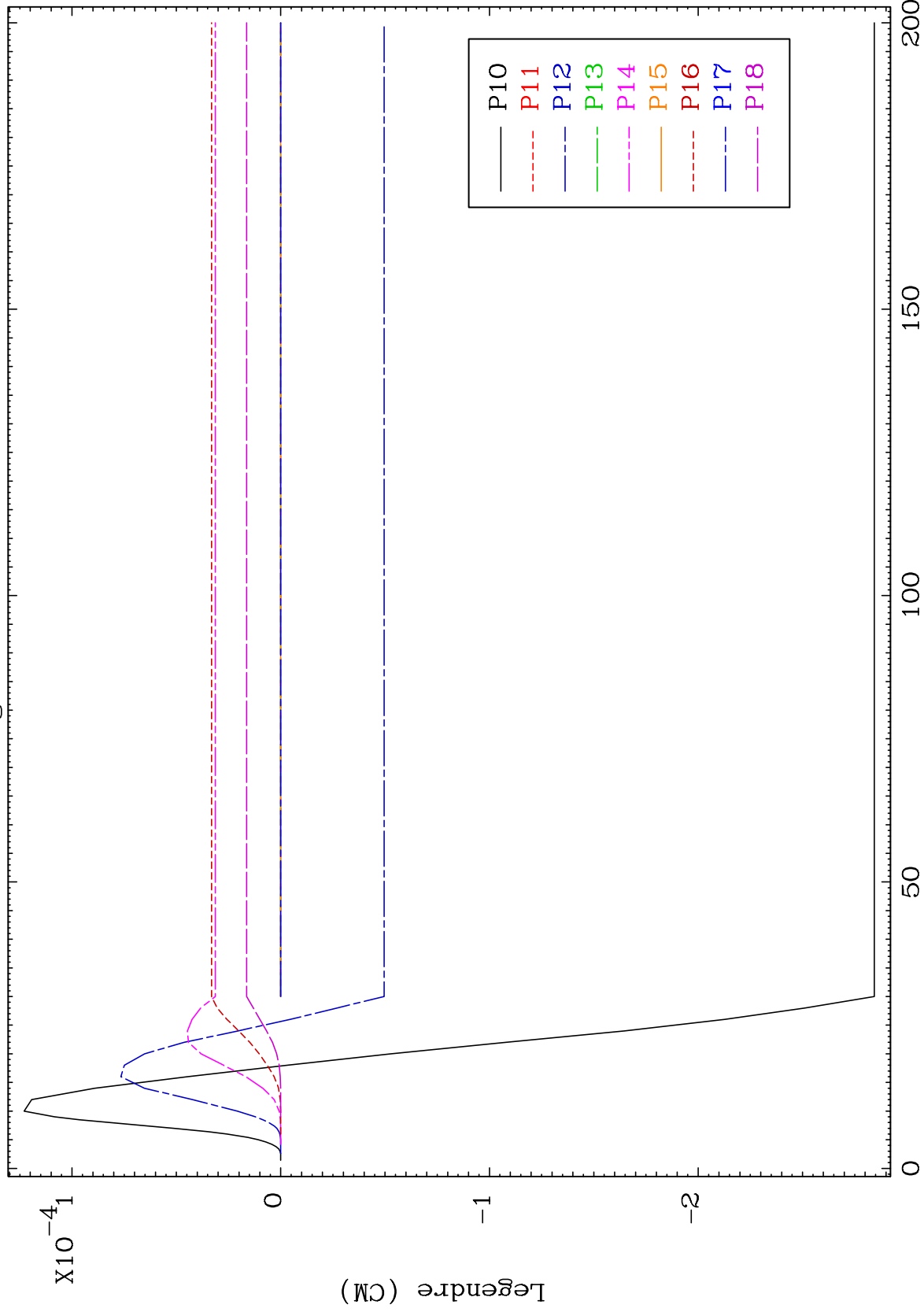
Incident Energy (MeV)

24

MAT 8298

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

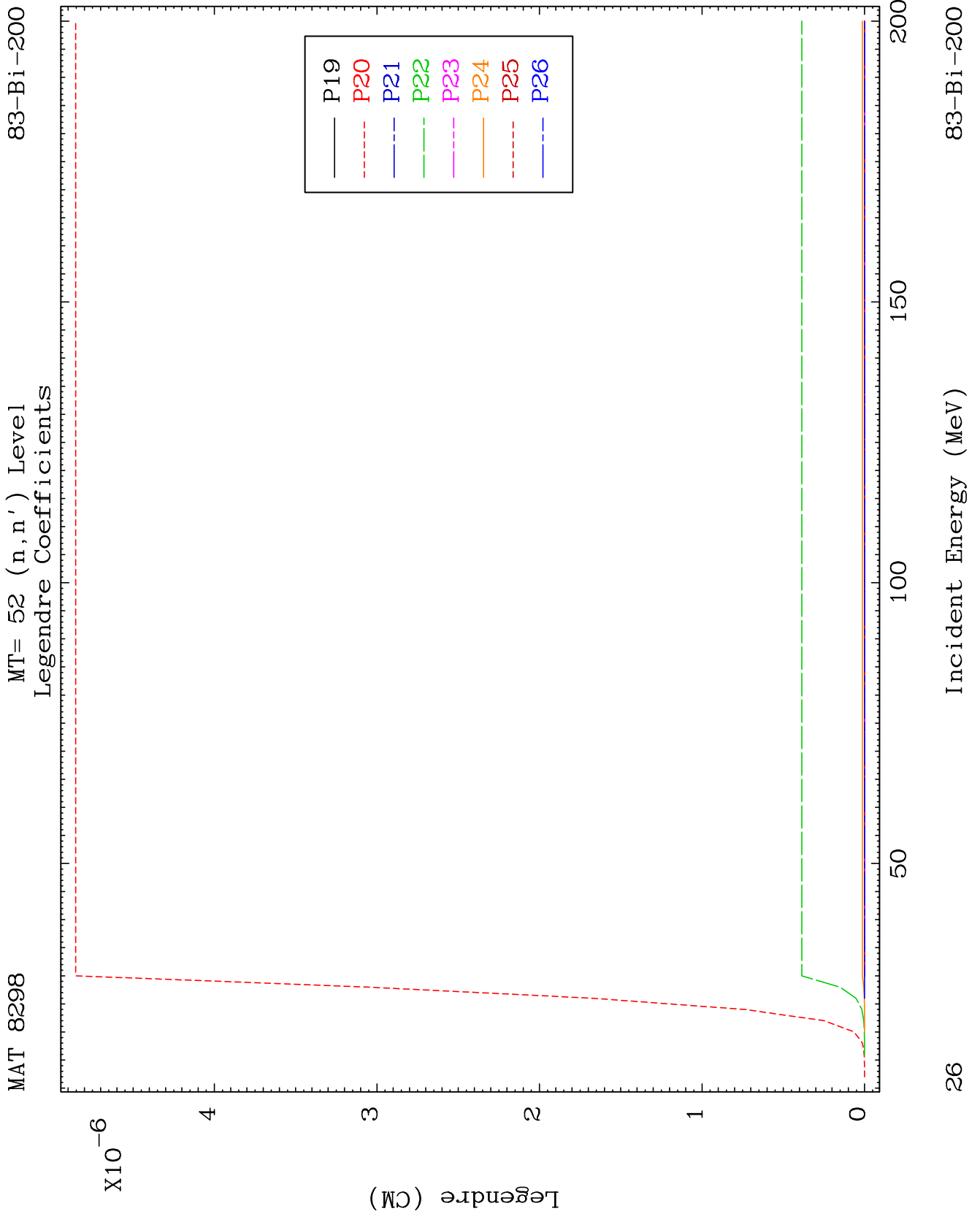
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25

Incident Energy (MeV)

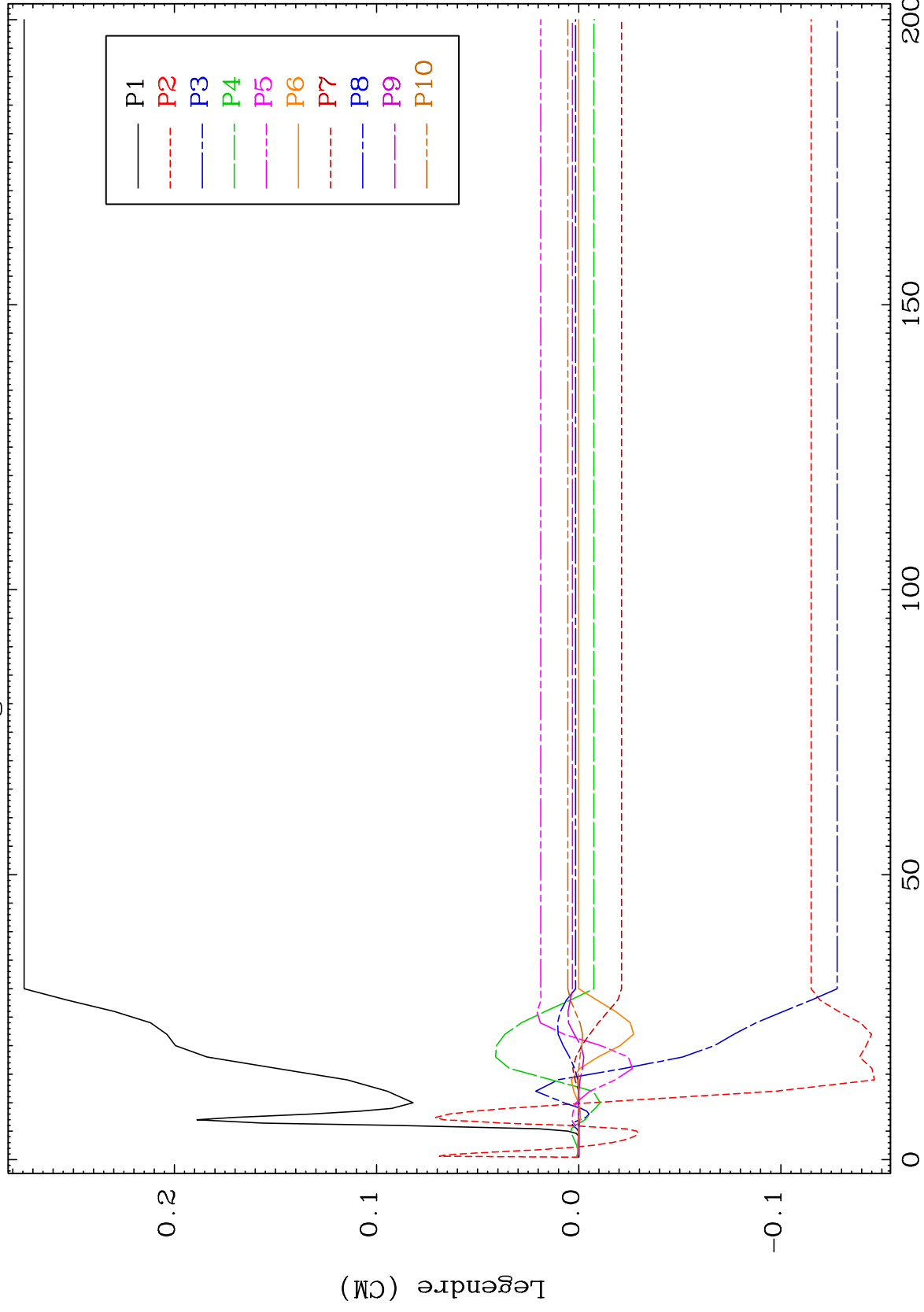
83-Bi-200



MAT 8298

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

83-Bi-200



27

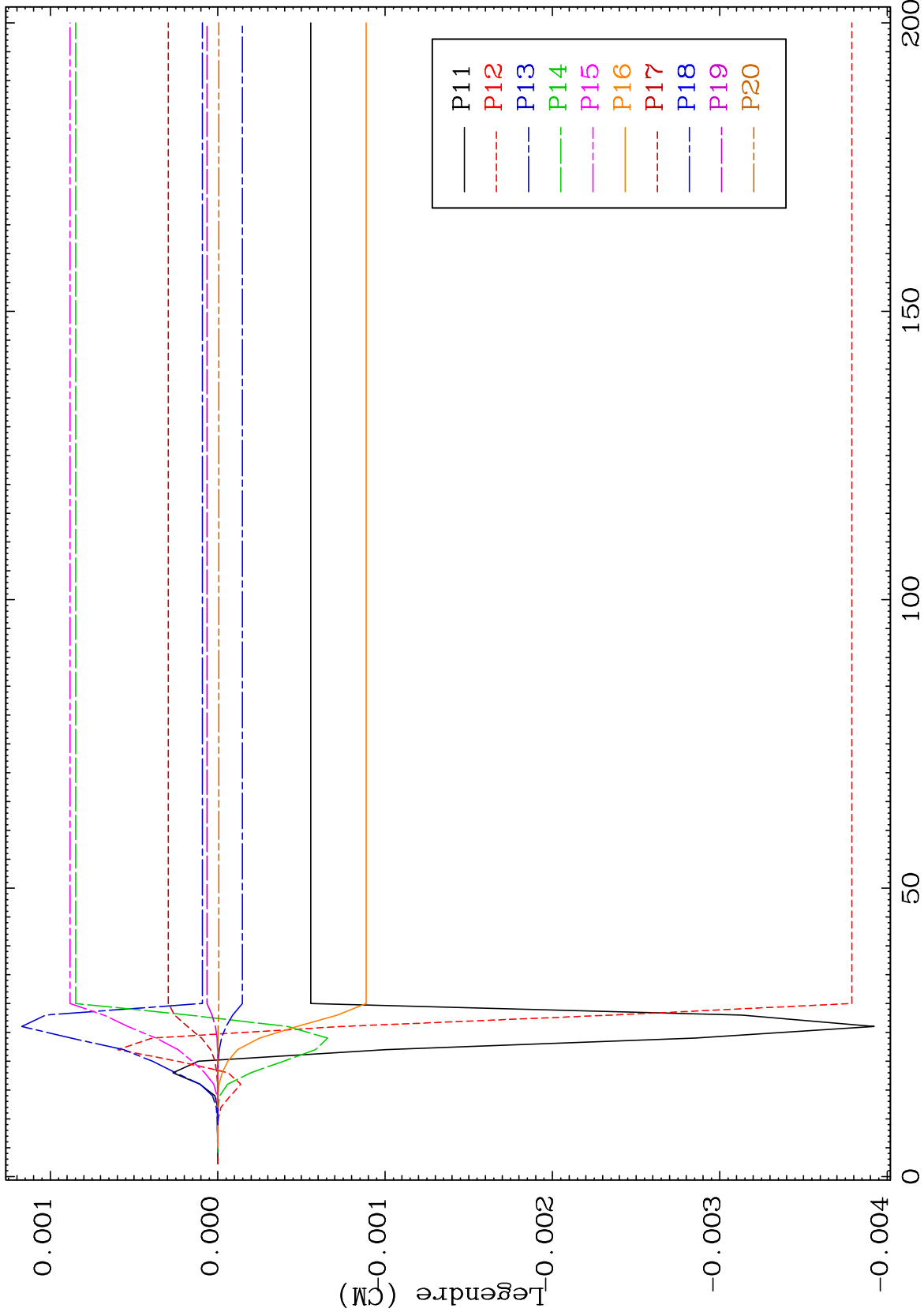
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



28

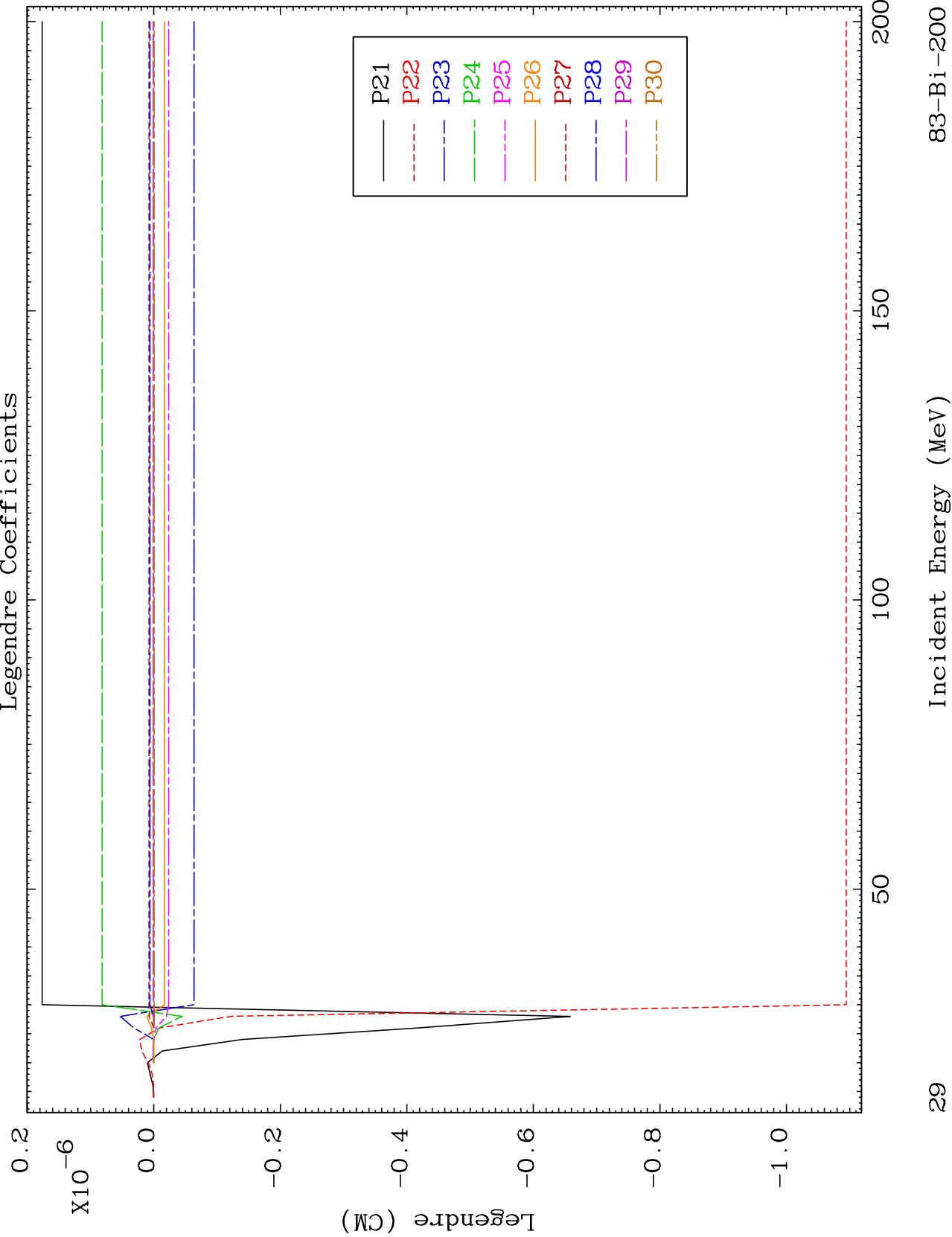
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



29

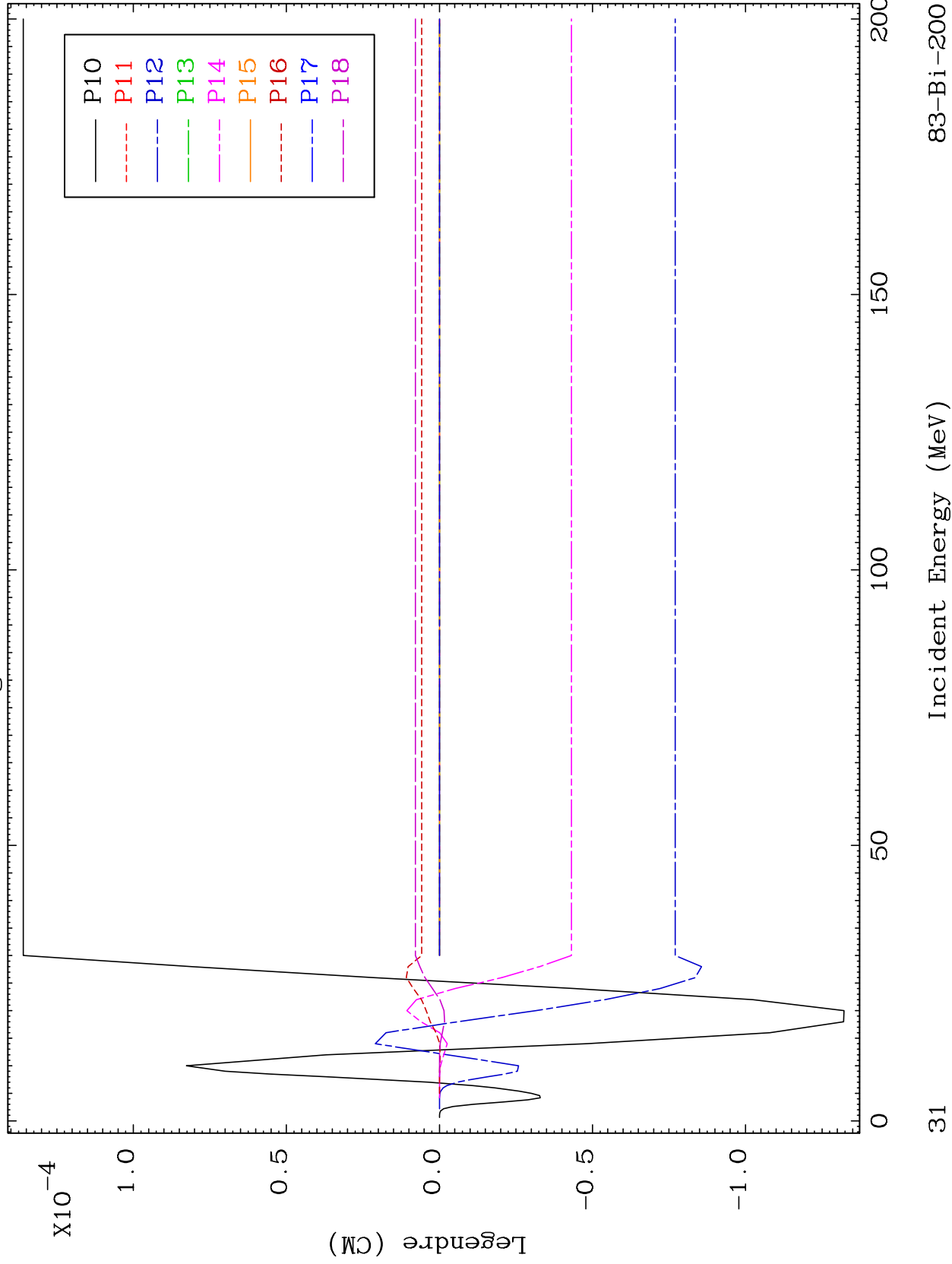
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



31

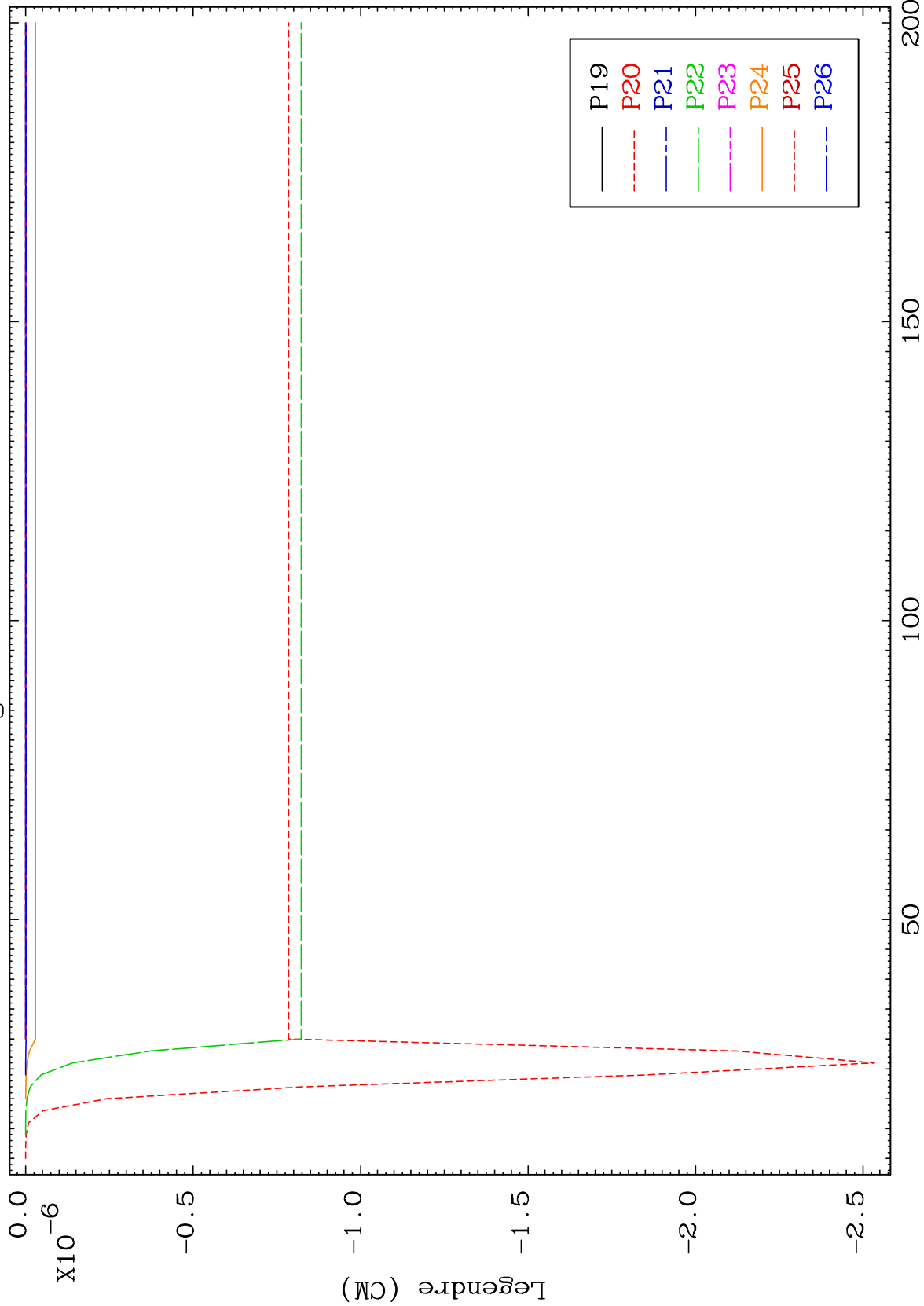
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



83-Bi-200

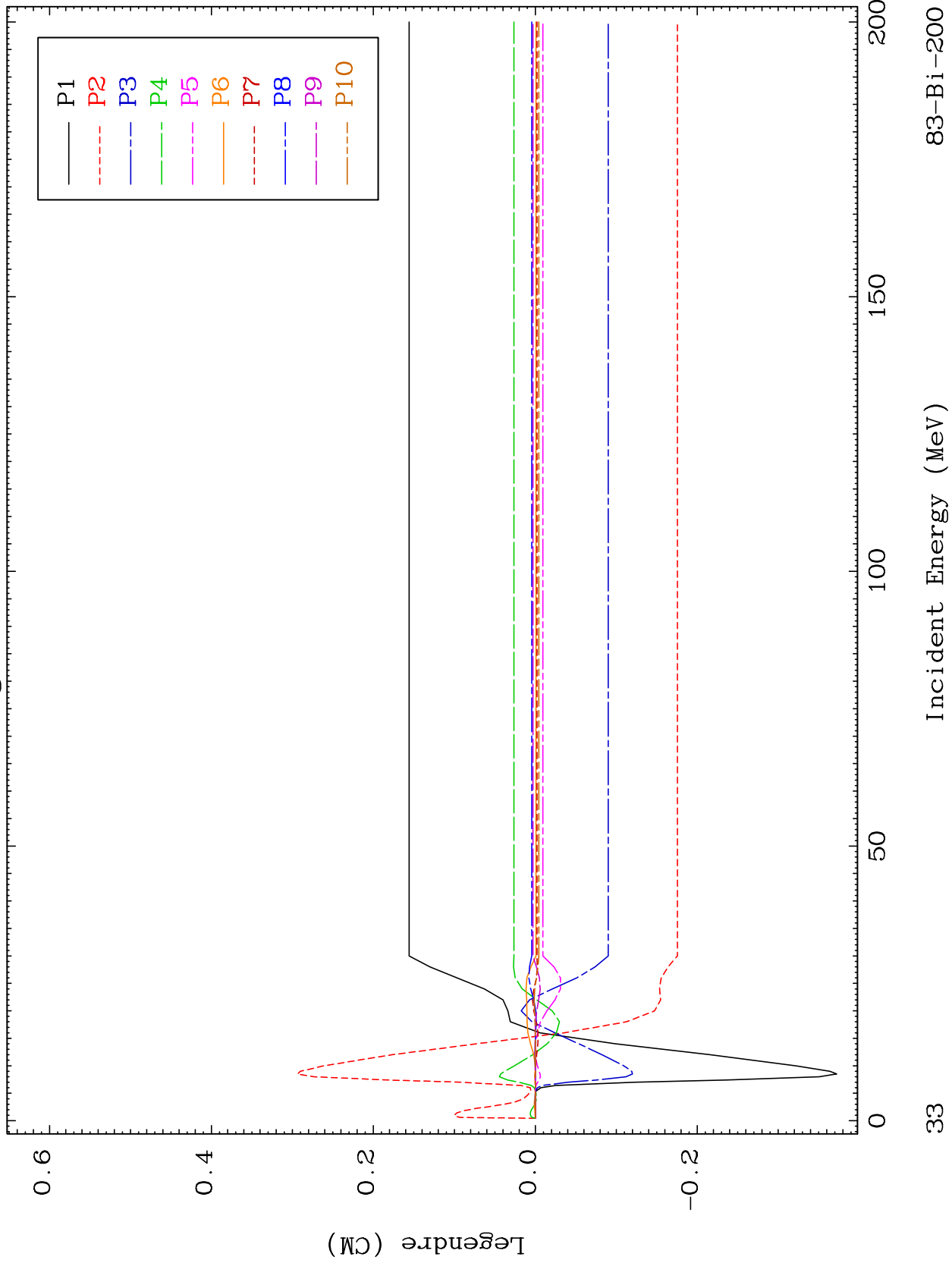
Incident Energy (MeV)

32

MAT 8298

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

83-Bi-200



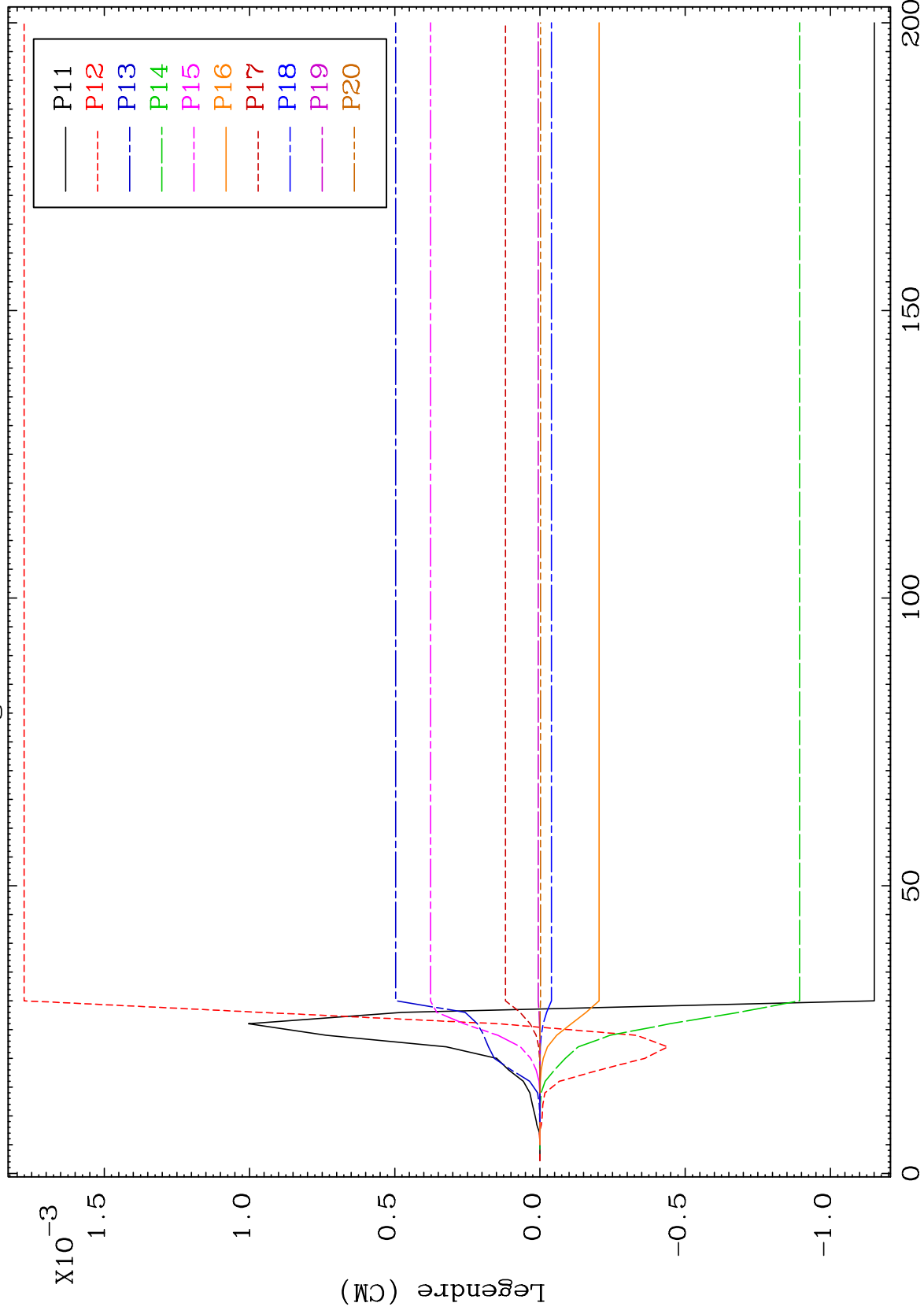
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83-Bi-200

MAT 8298

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

83-Bi-200



34

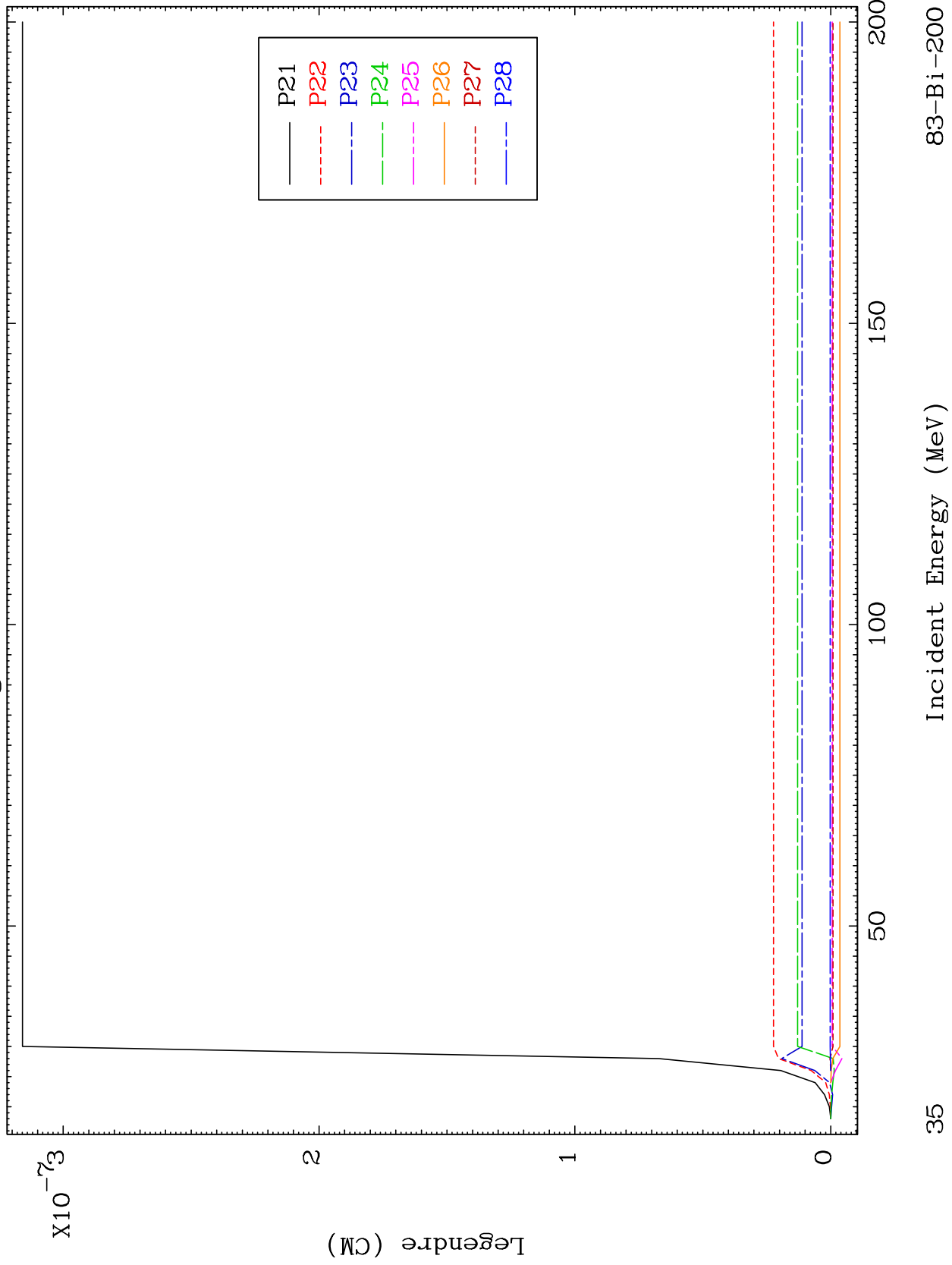
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

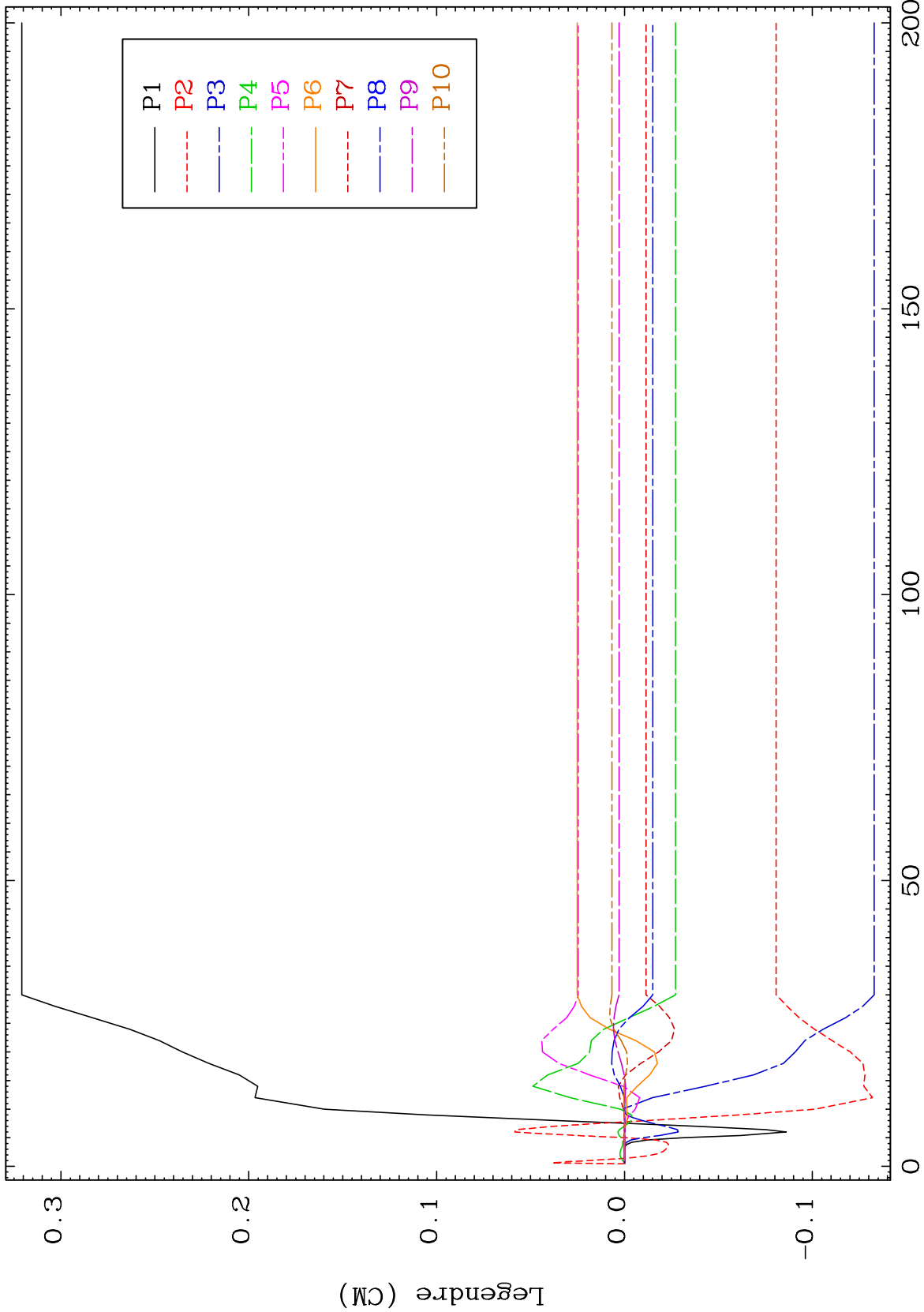
83-Bi-200



MAT 8298

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

83-Bi-200



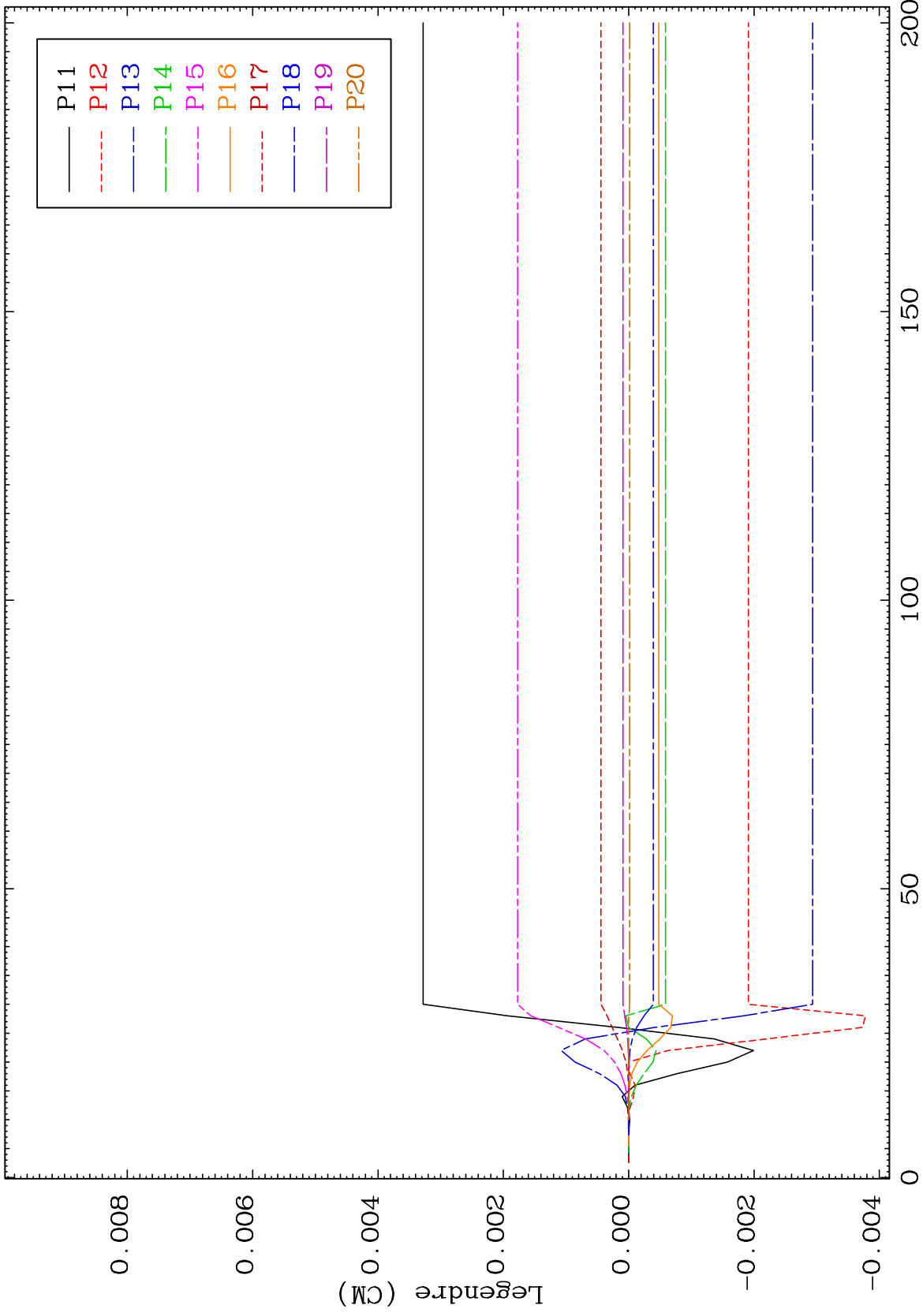
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83-Bi-200

MAT 8298

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

83-Bi-200



37

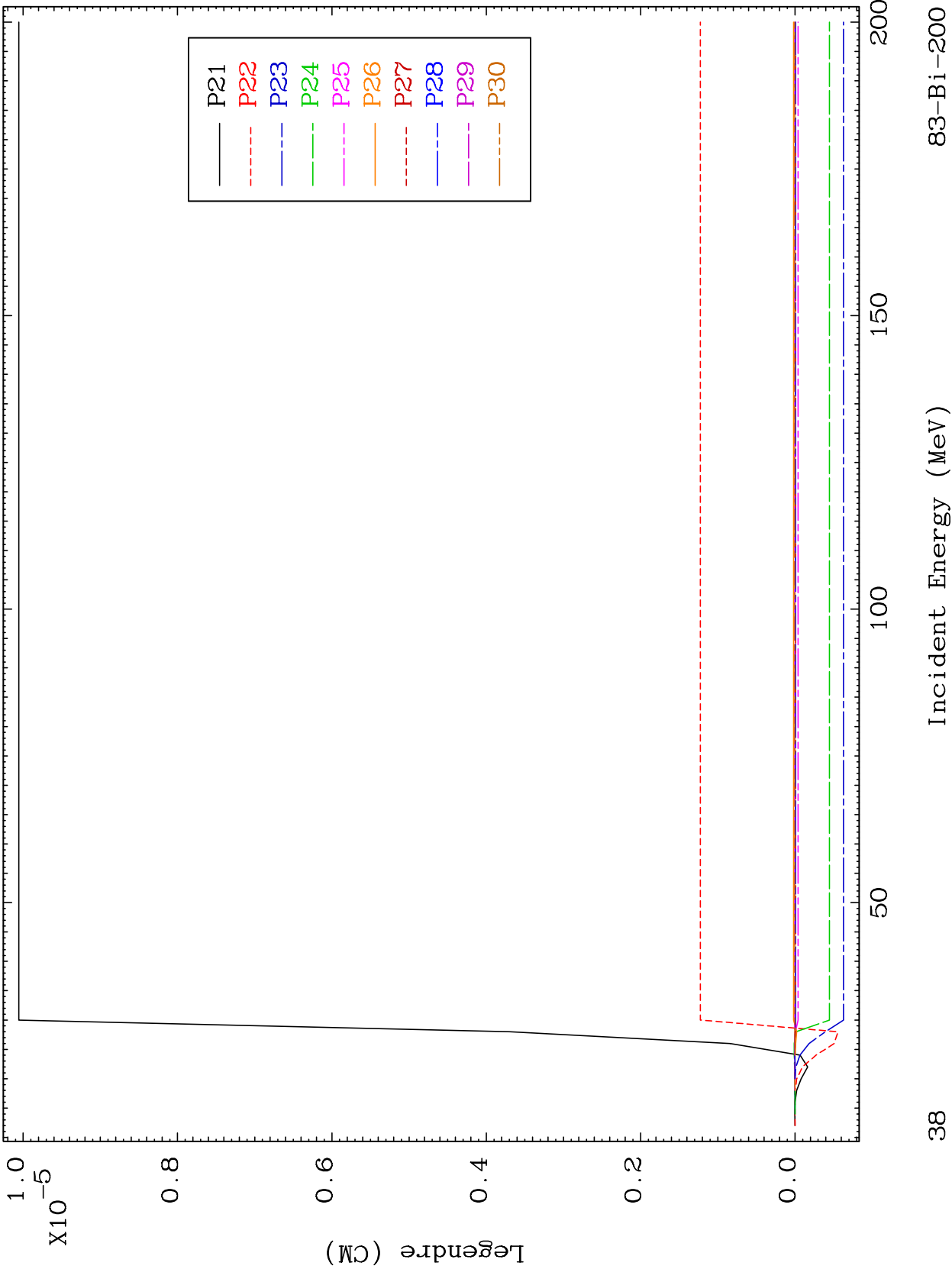
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200

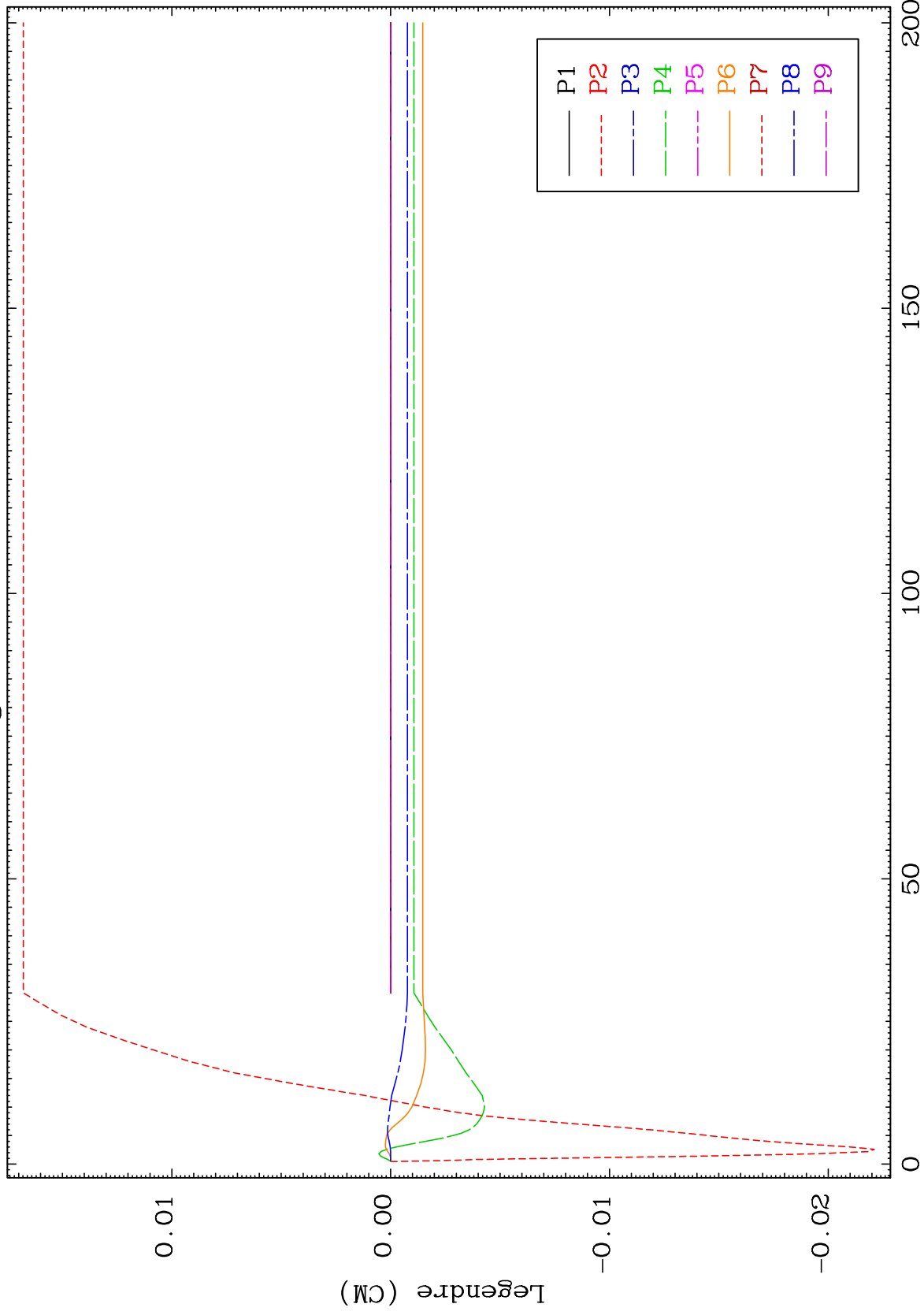


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MAT 8298

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

83-Bi-200



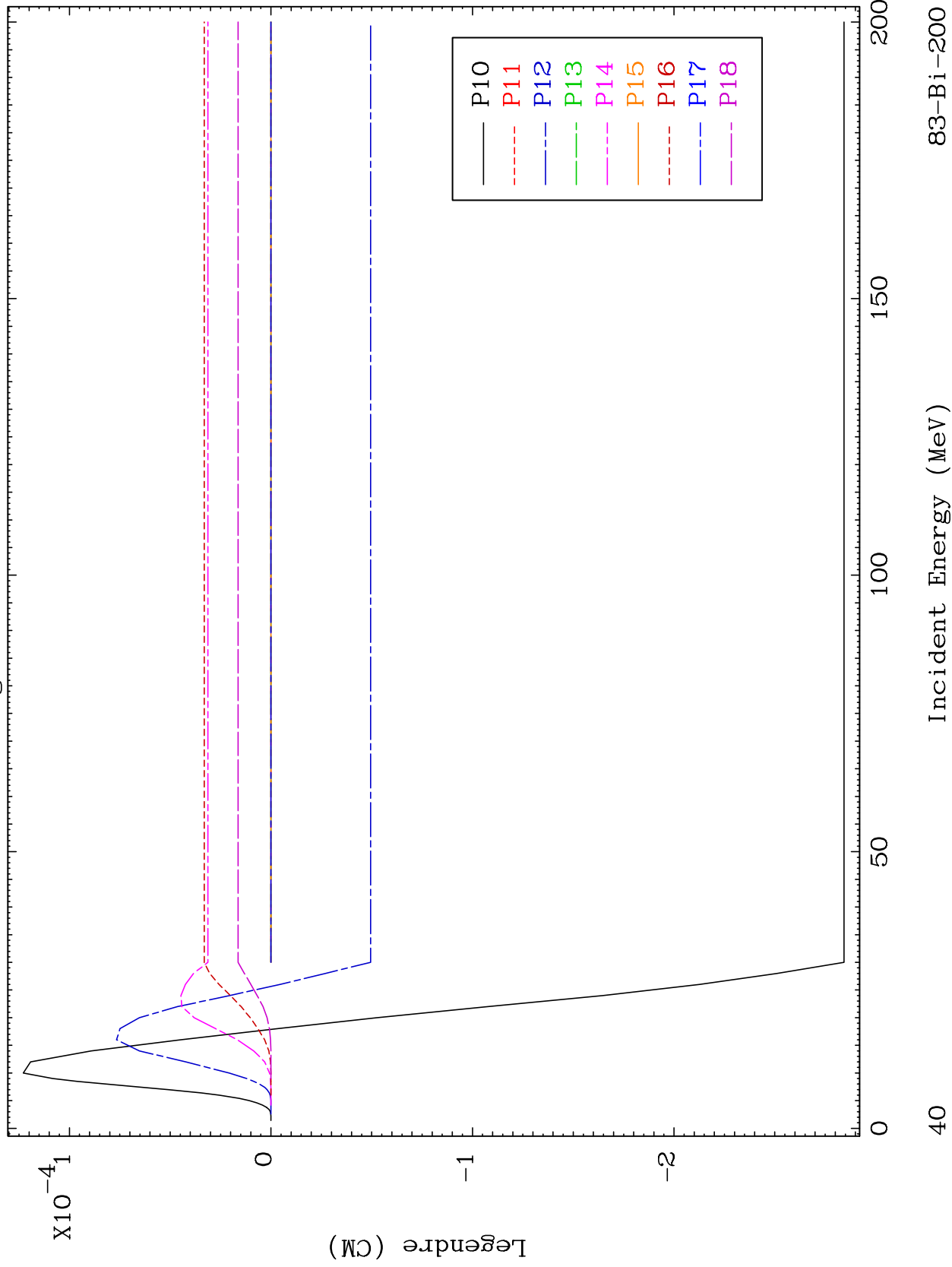
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83-Bi-200

MAT 8298

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

83-Bi-200



83-Bi-200

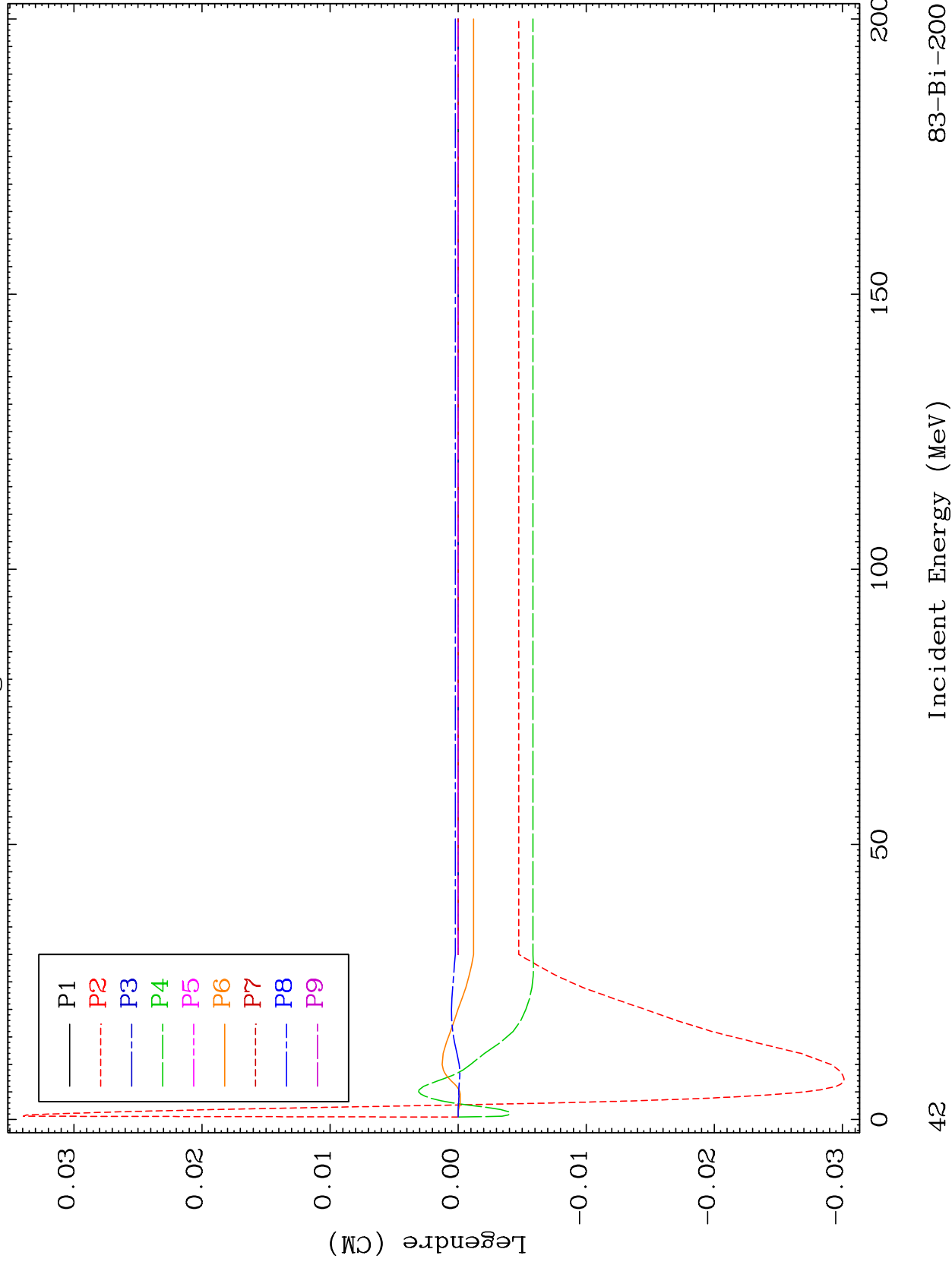
Incident Energy (MeV)

40

MAT 8298

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

83-Bi-200



83-Bi-200

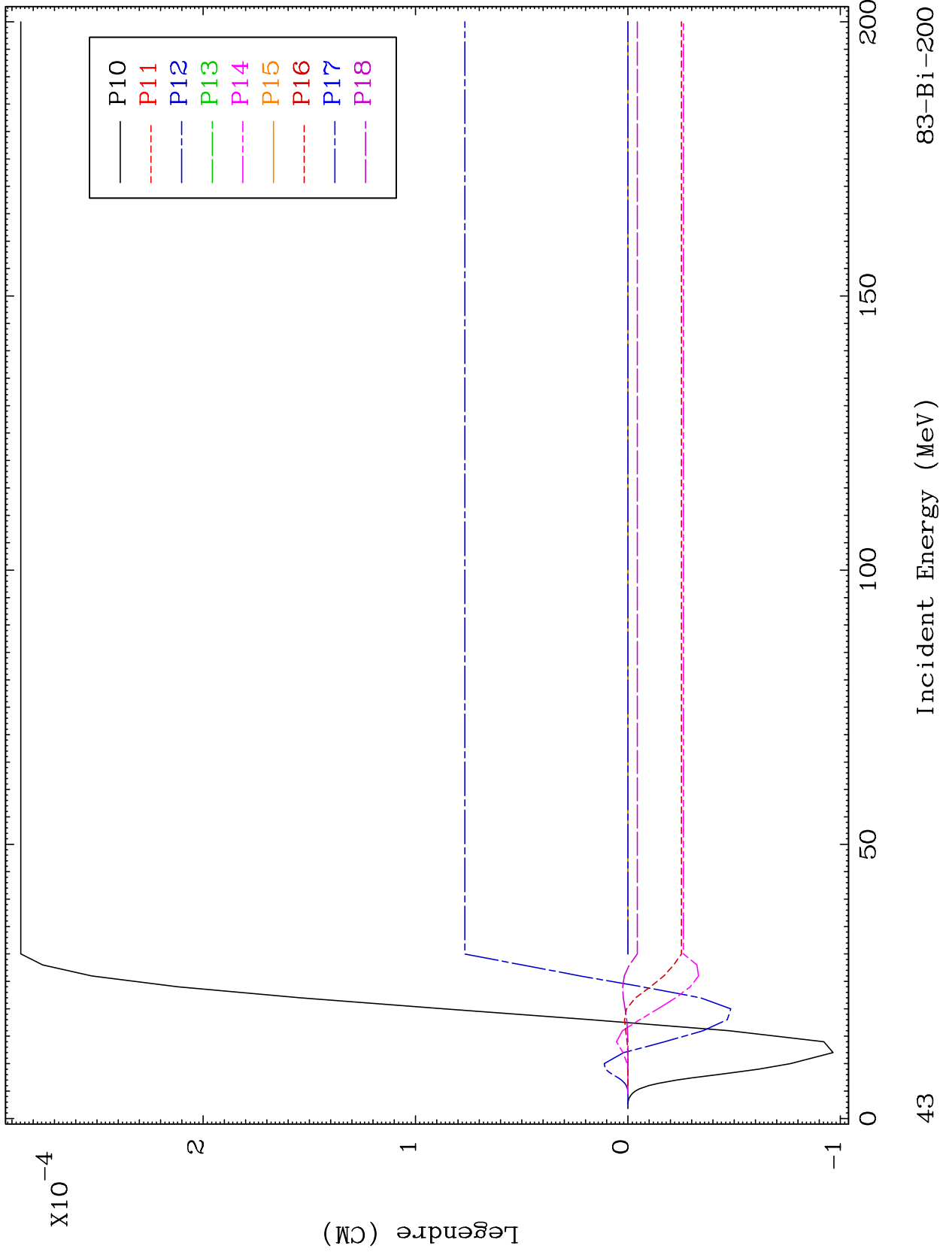
Incident Energy (MeV)

42

MAT 8298

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

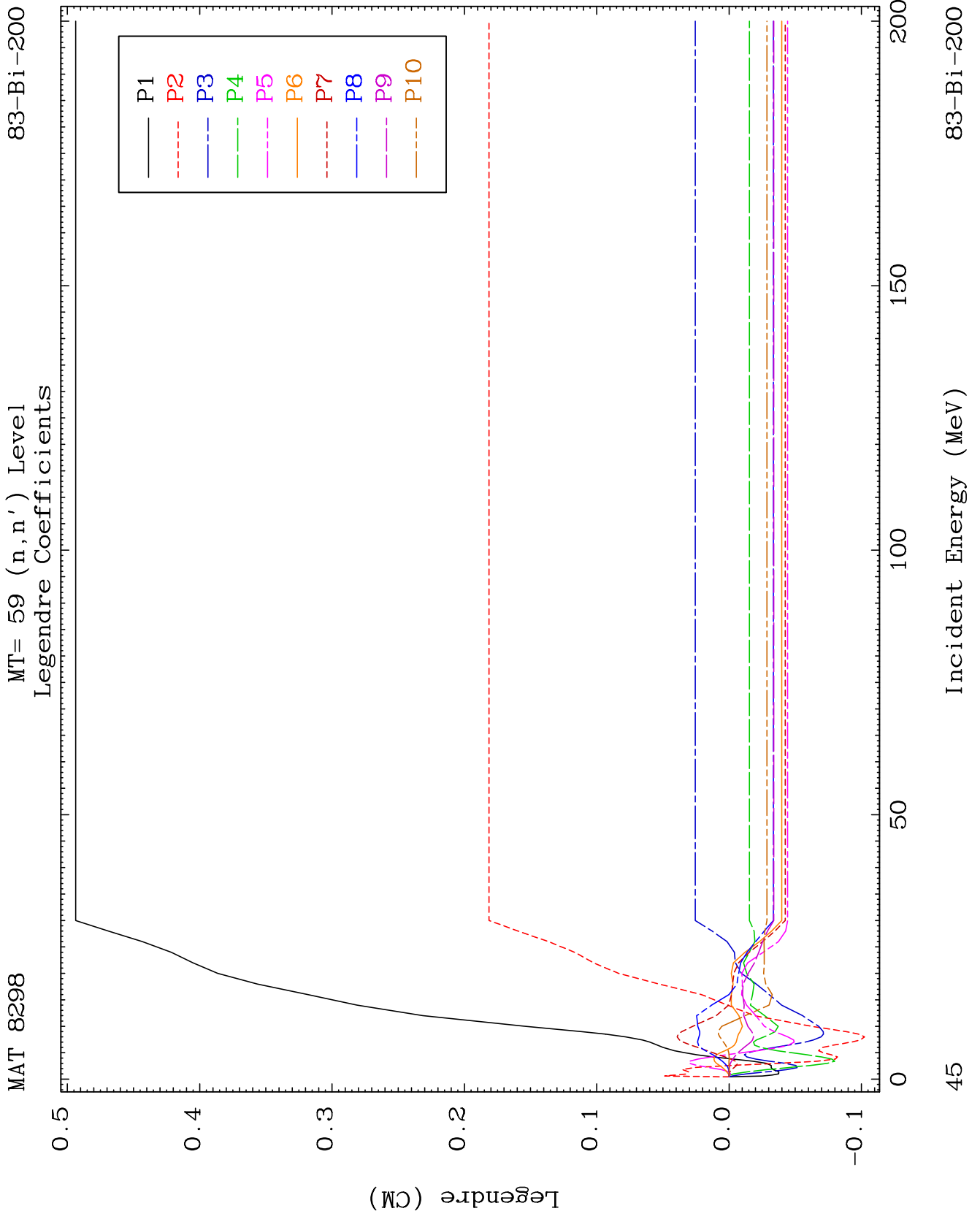
83-Bi-200



83-Bi-200

Incident Energy (MeV)

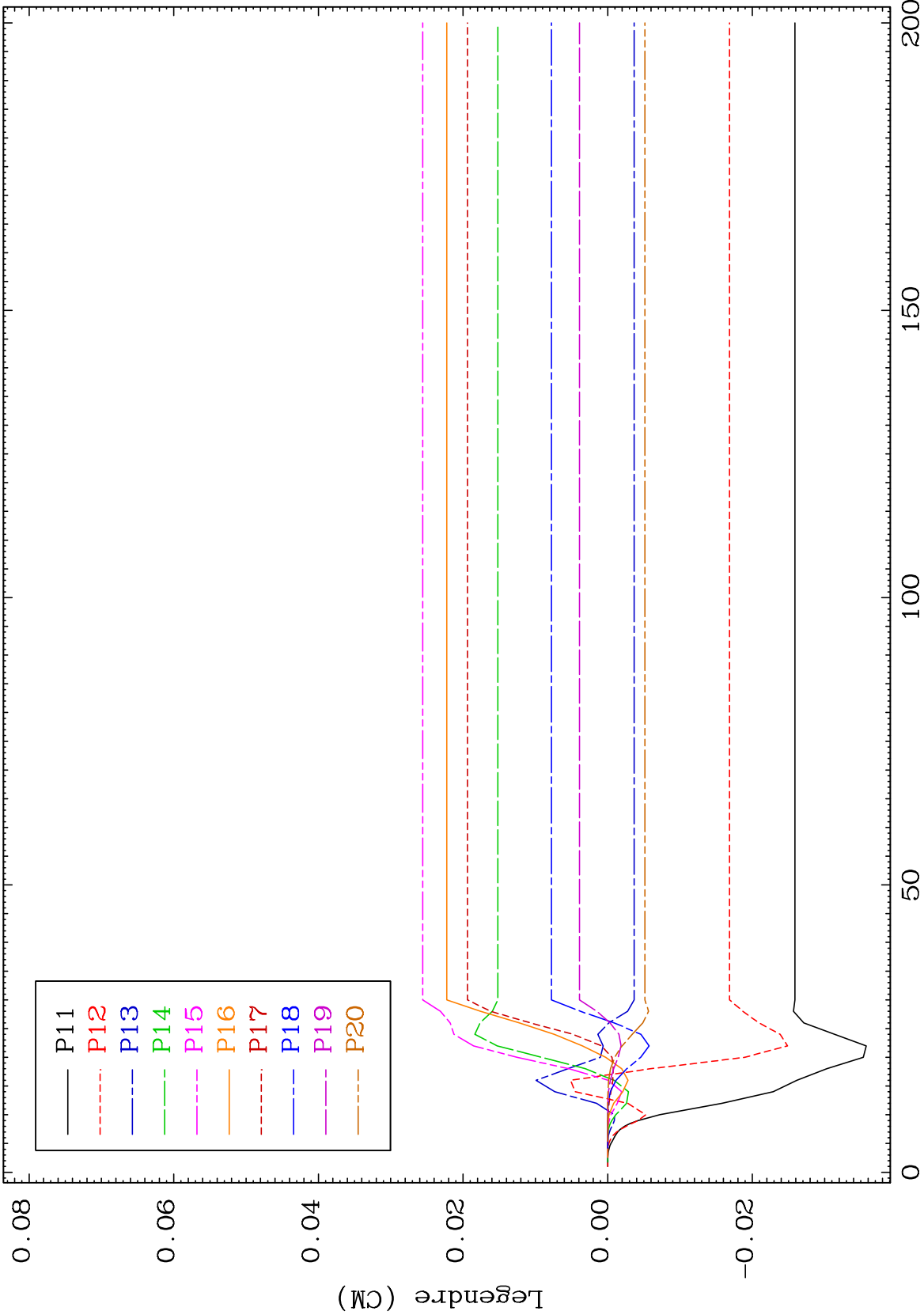
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MAT 8298

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

83-Bi-200



46

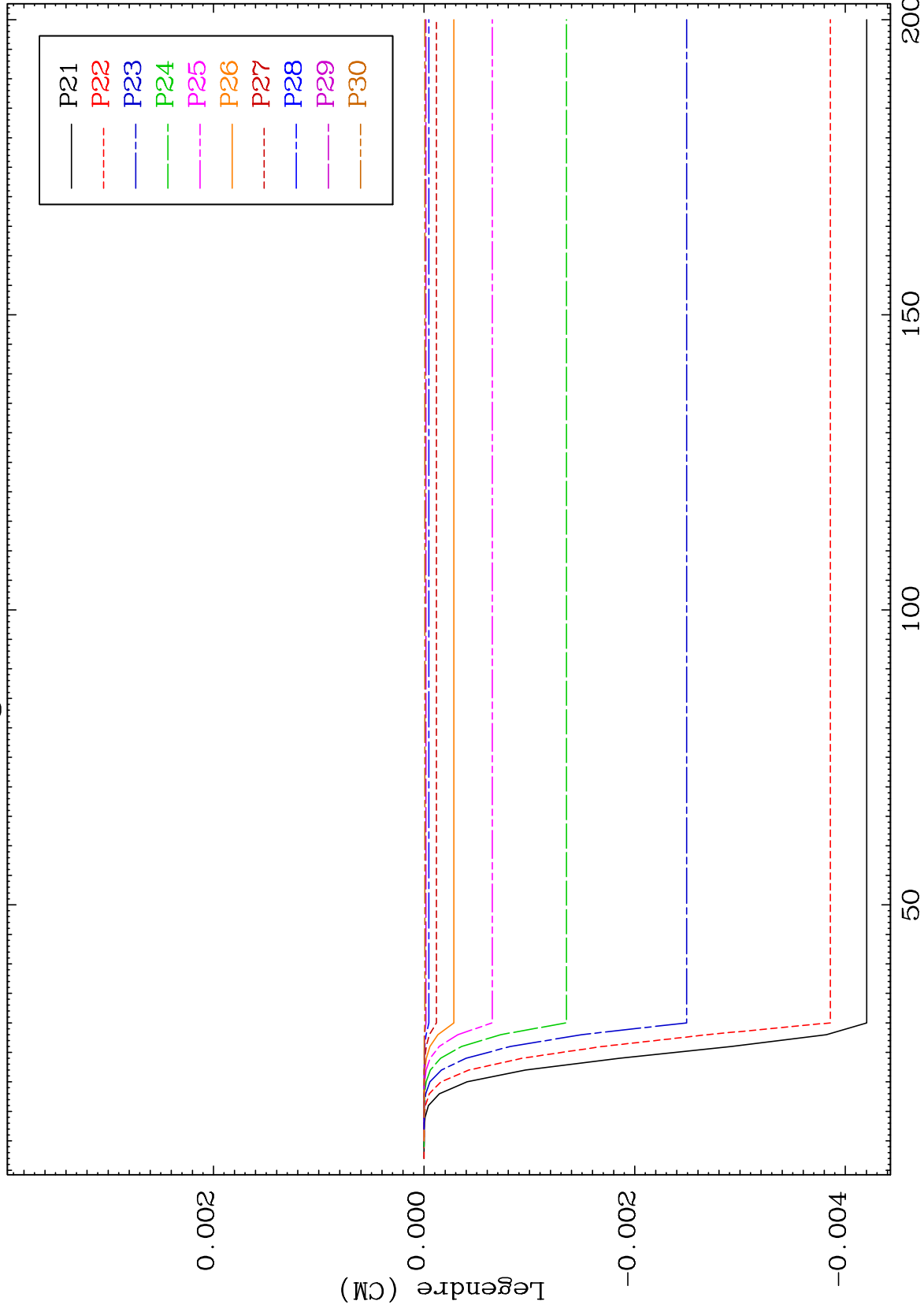
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

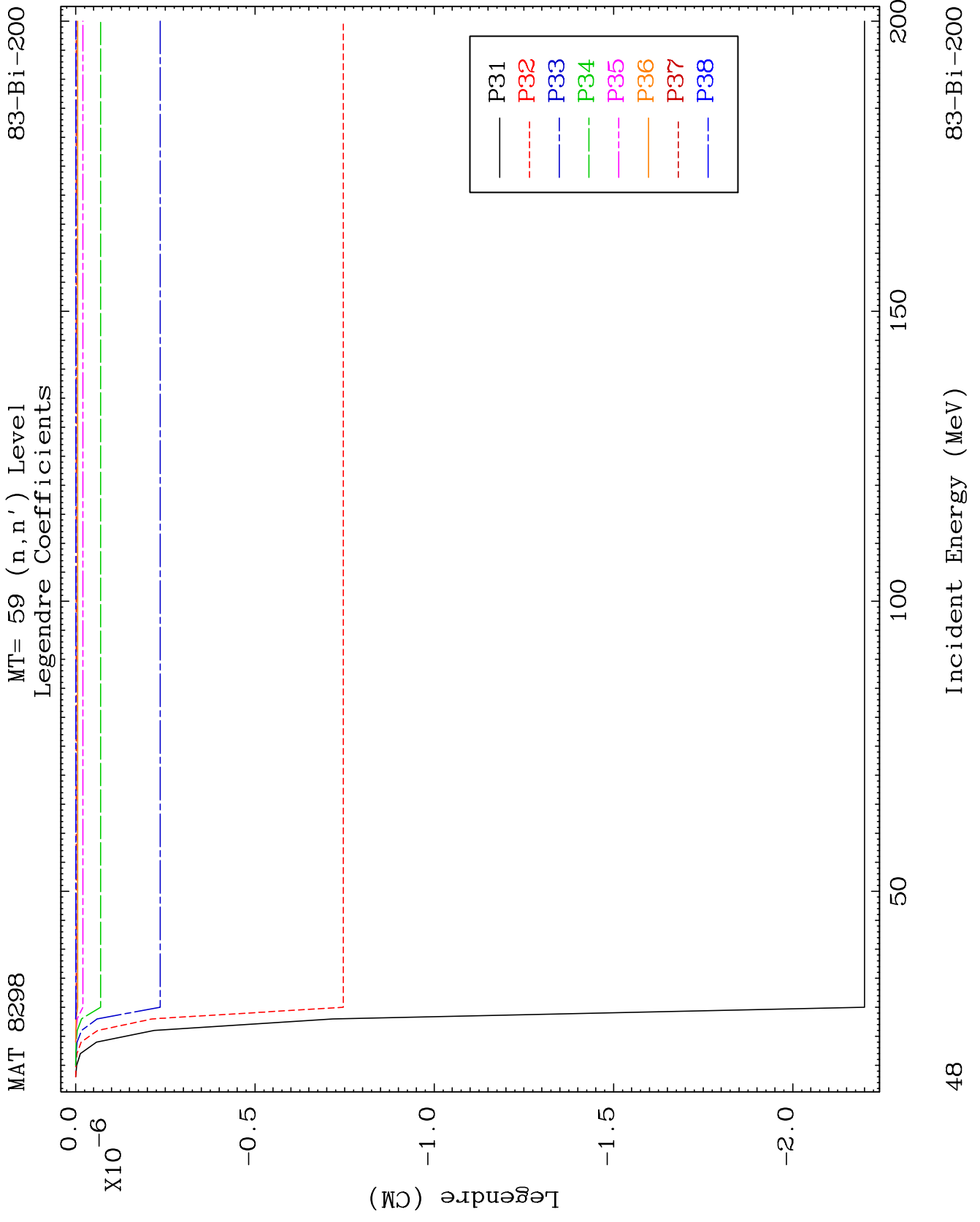
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47

Incident Energy (MeV)

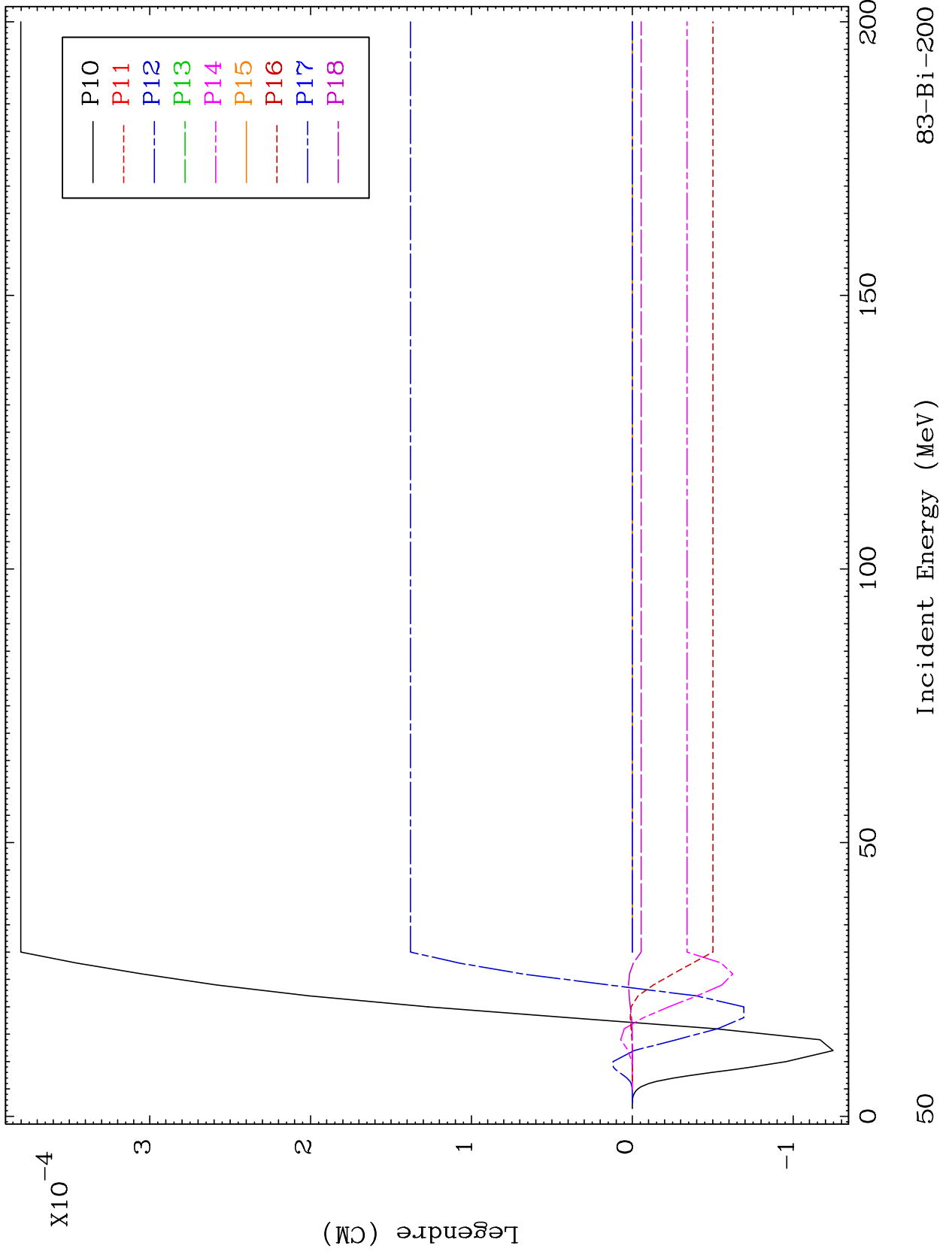
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MAT 8298

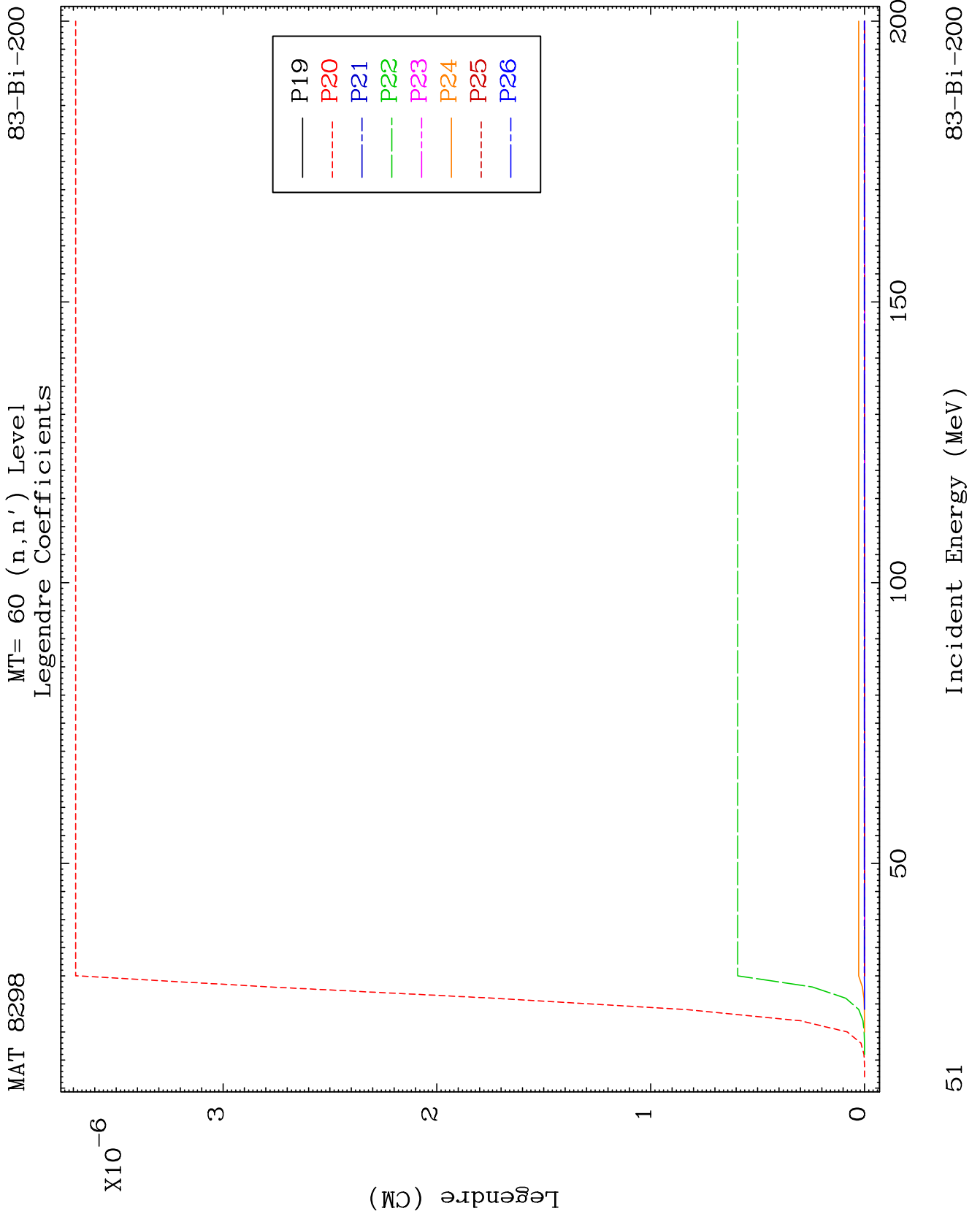
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Legendre Coefficients

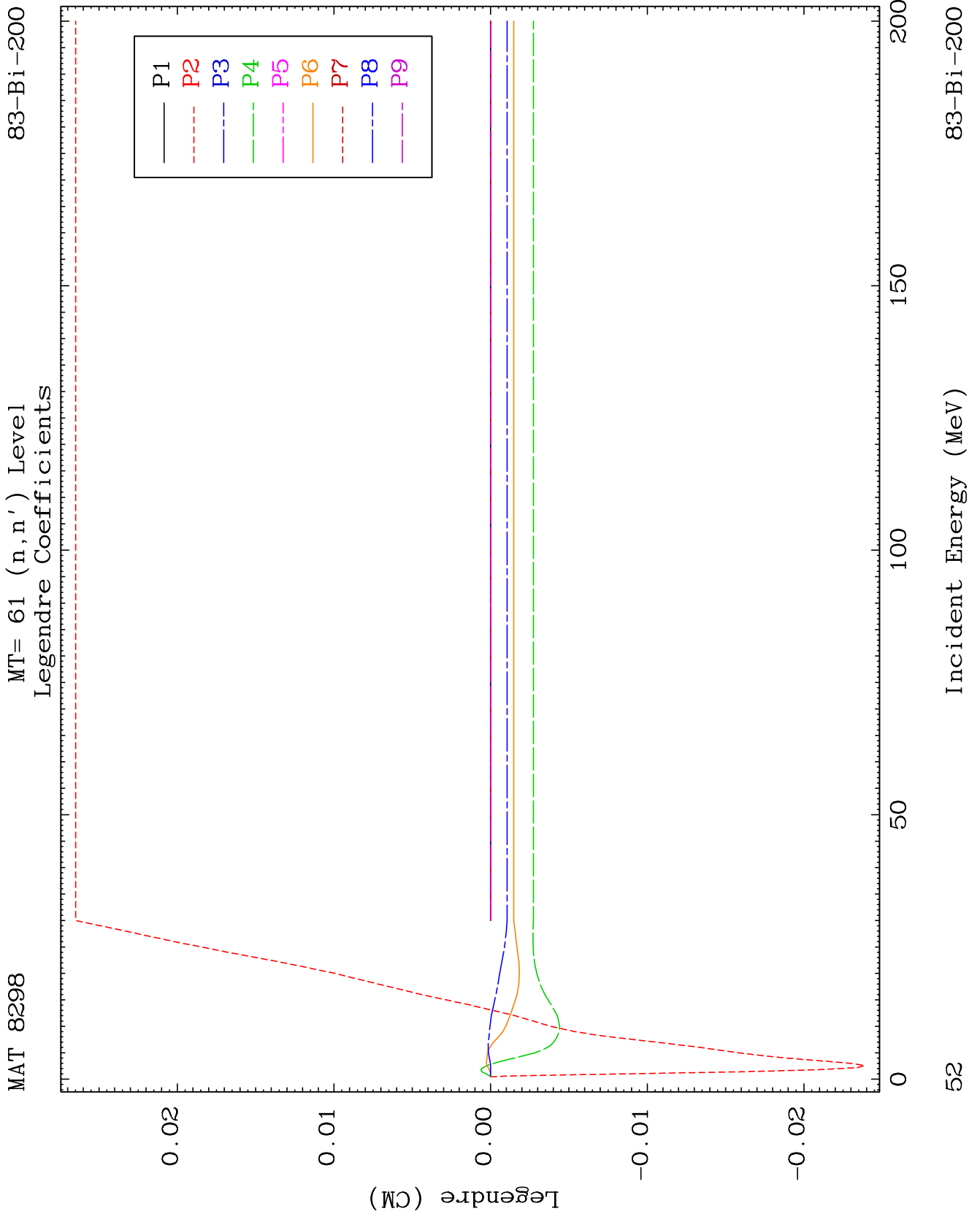
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83-Bi-200

Incident Energy (MeV)

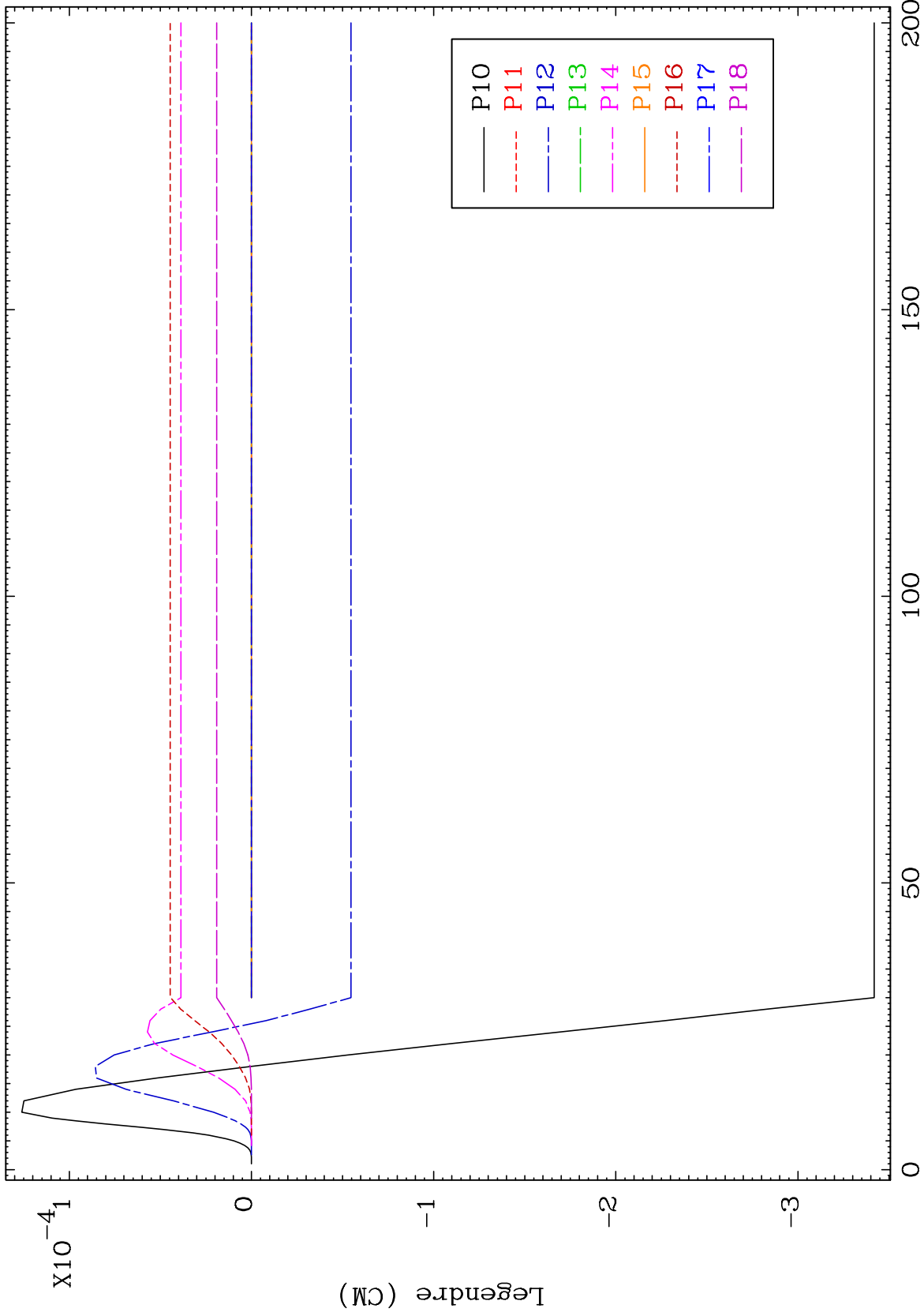




MAT 8298

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

83-Bi-200



53

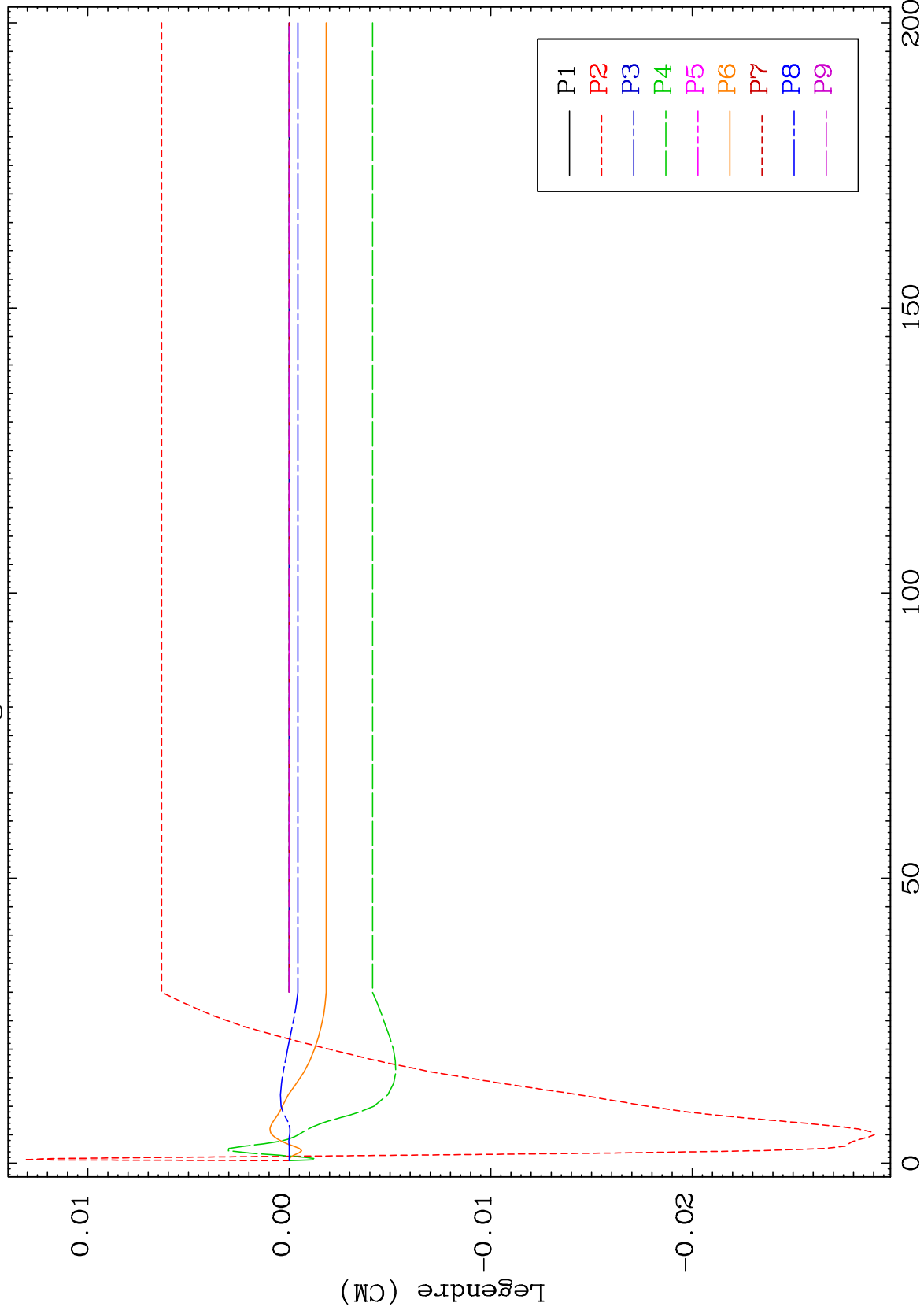
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



83-Bi-200

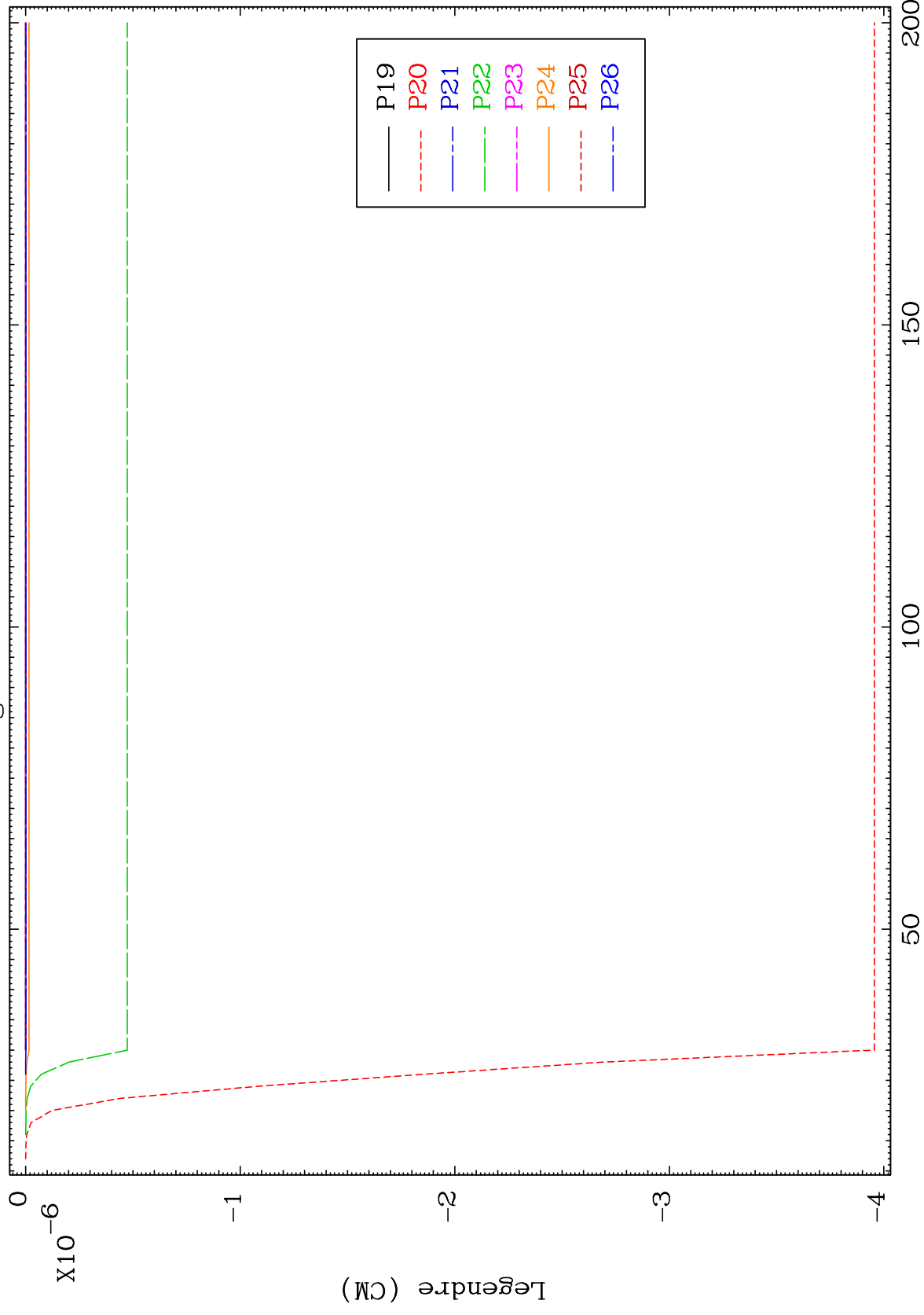
Incident Energy (MeV)

55

MAT 8298

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

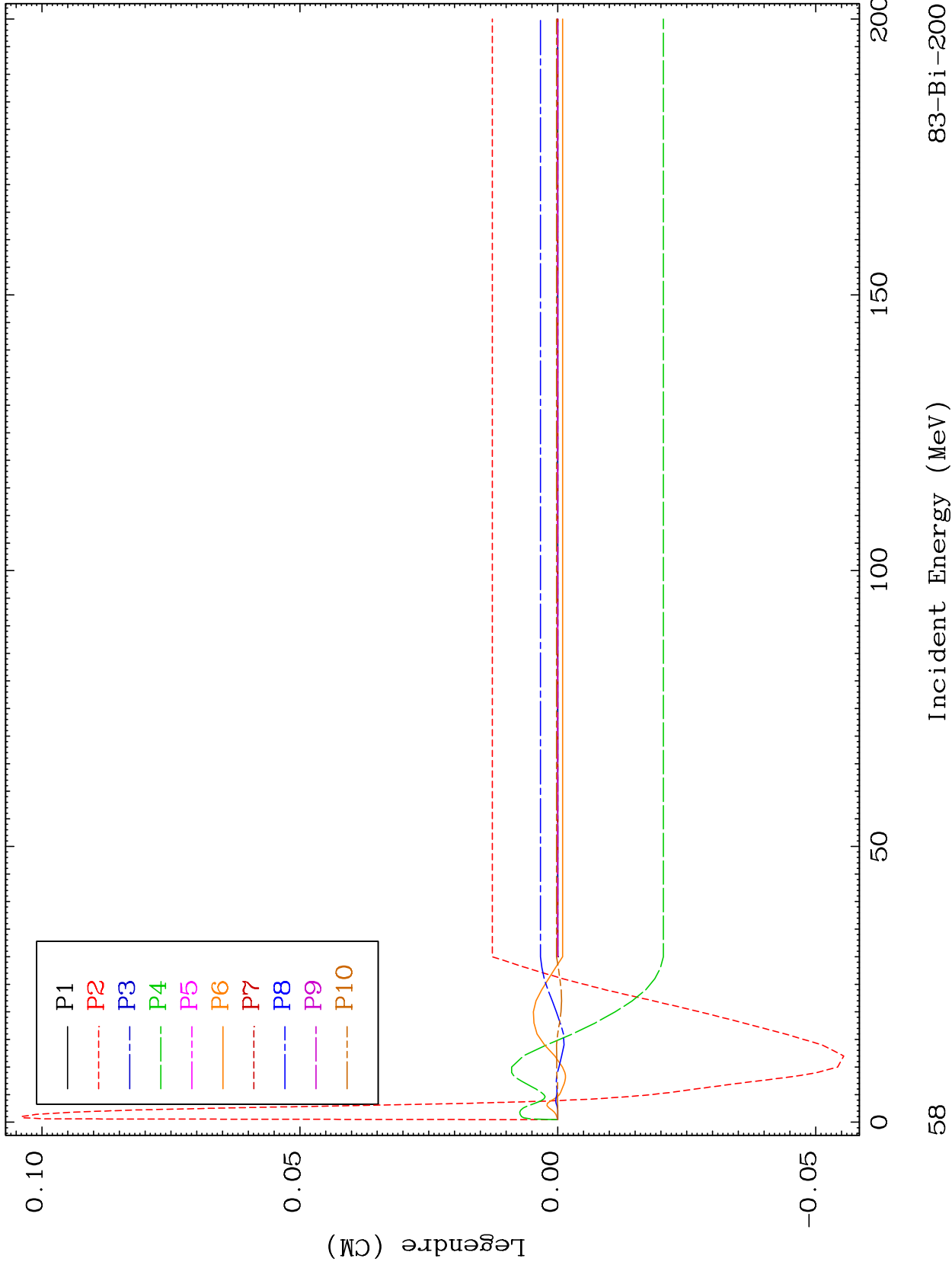
83-Bi-200



MAT 8298

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

83-Bi-200



83-Bi-200

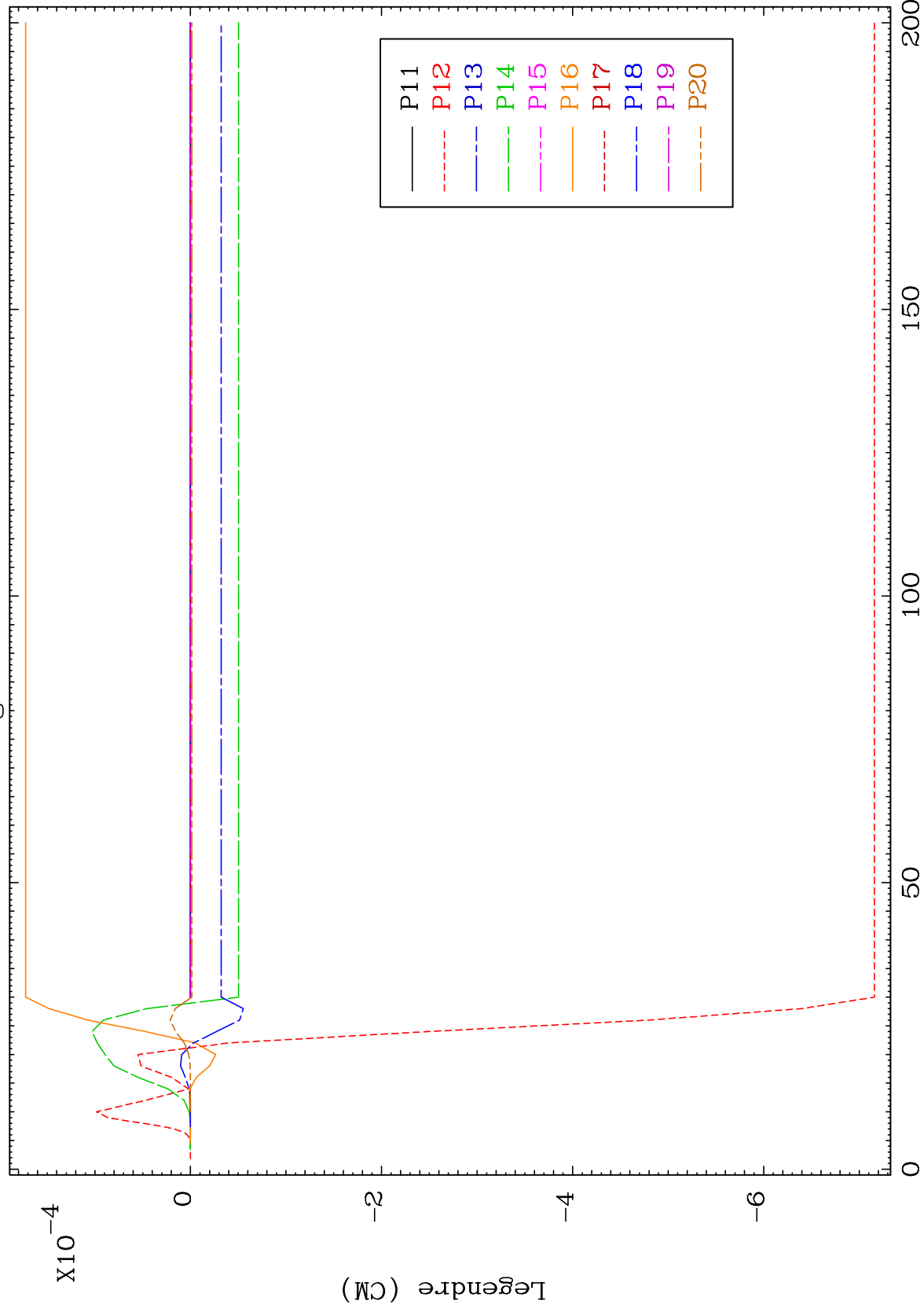
Incident Energy (MeV)

58

MAT 8298

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

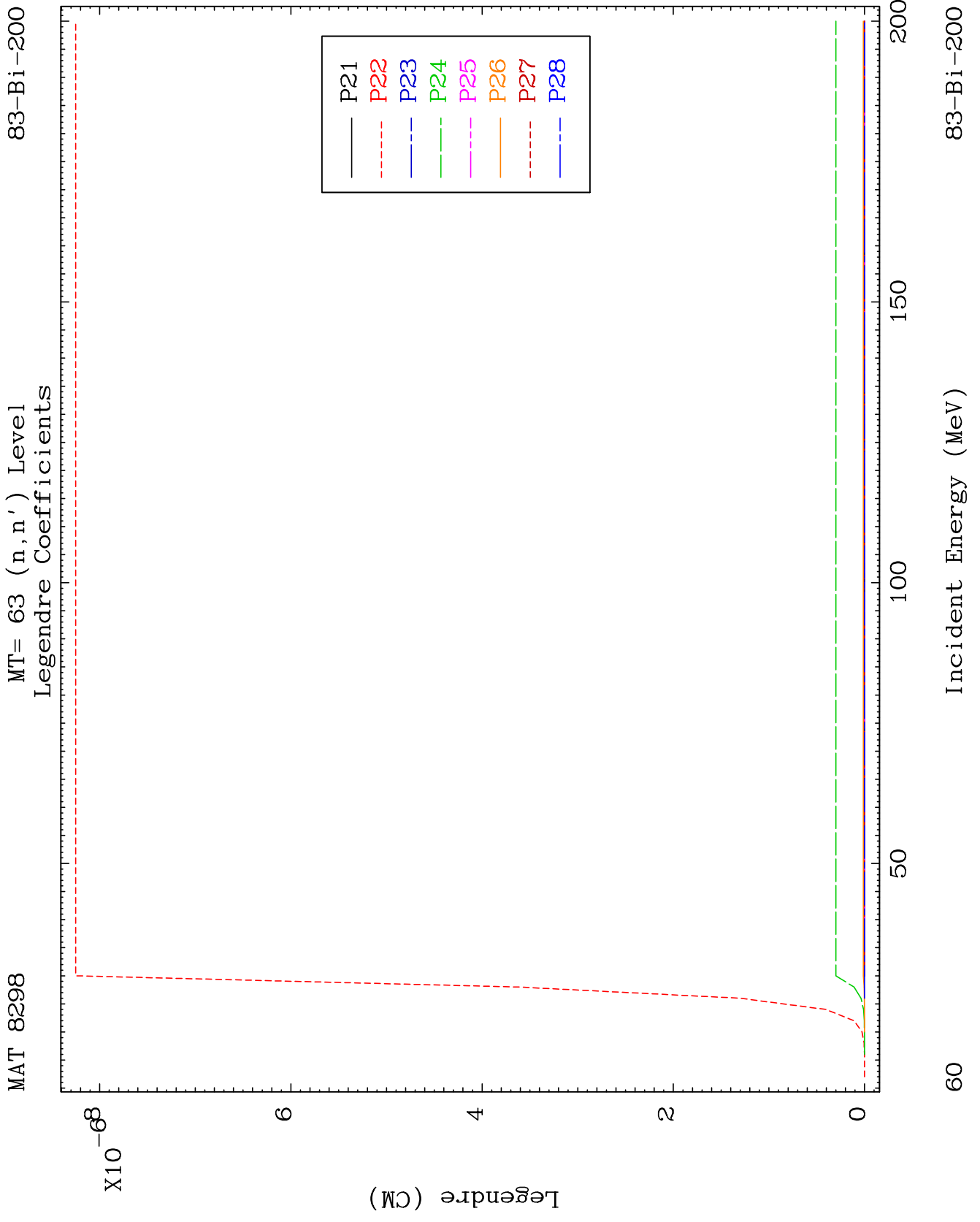
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59

Incident Energy (MeV)

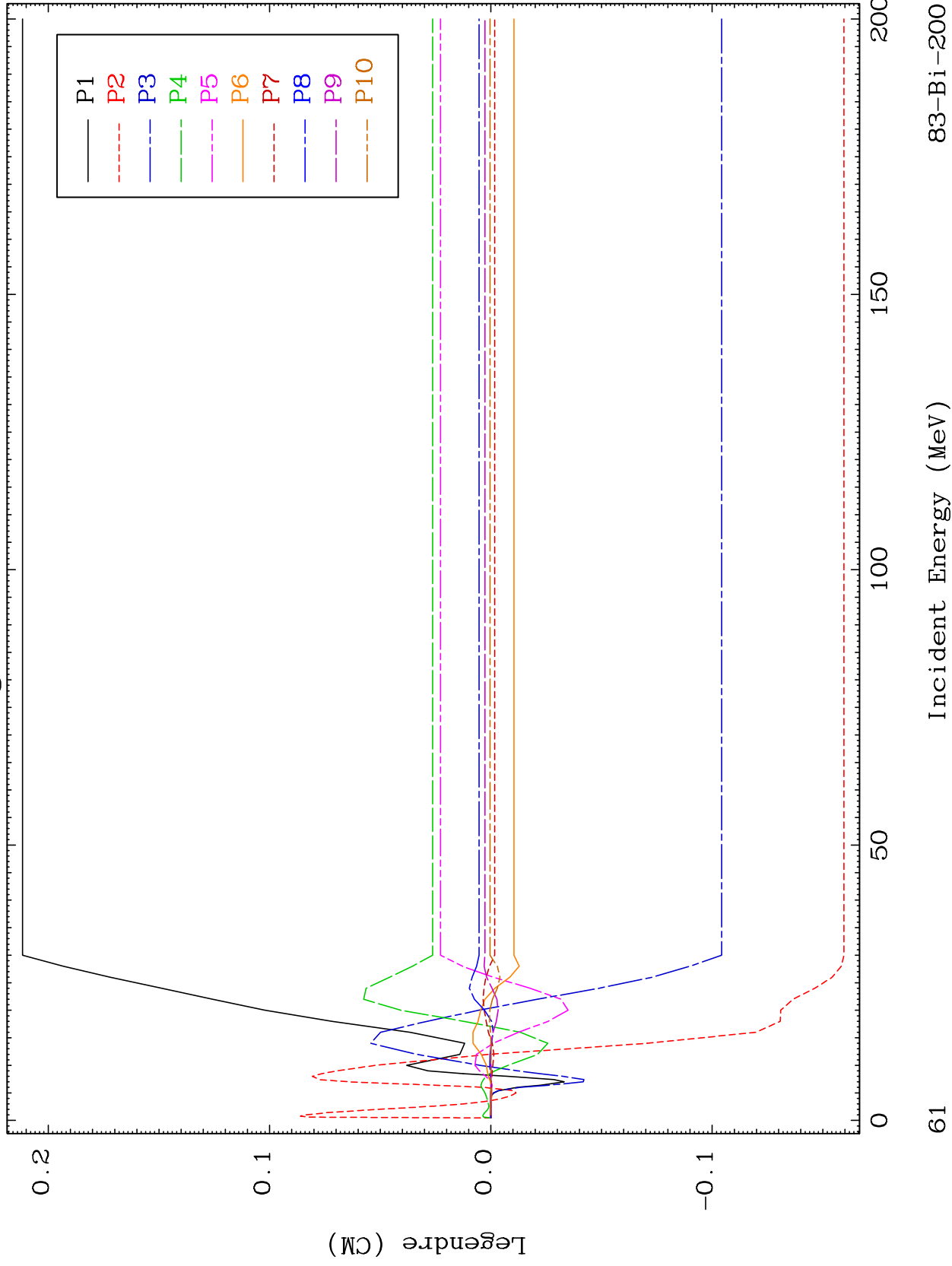
83-Bi-200



MAT 8298

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

83-Bi-200



83-Bi-200

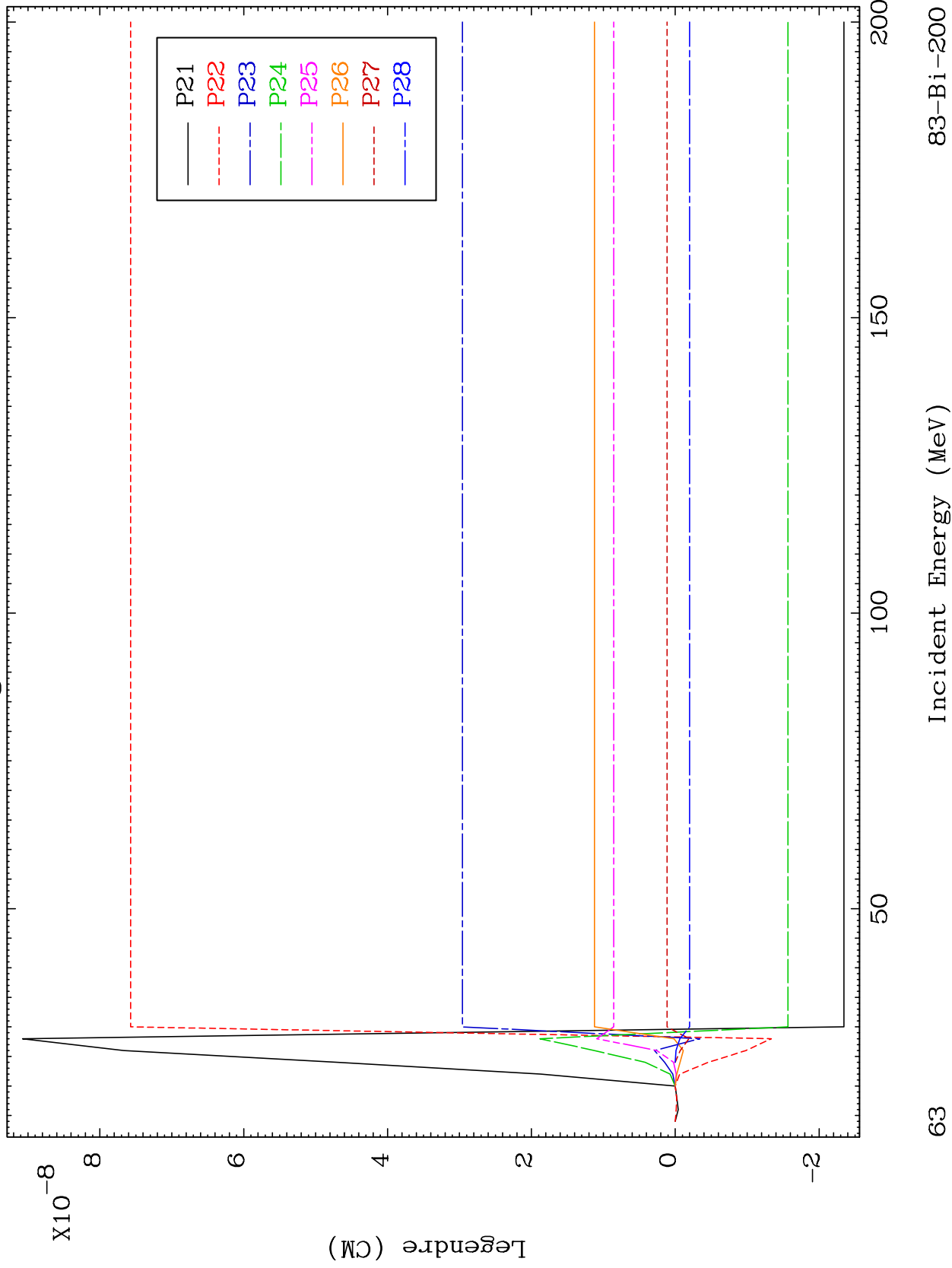
Incident Energy (MeV)

61

MAT 8298

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

83-Bi-200



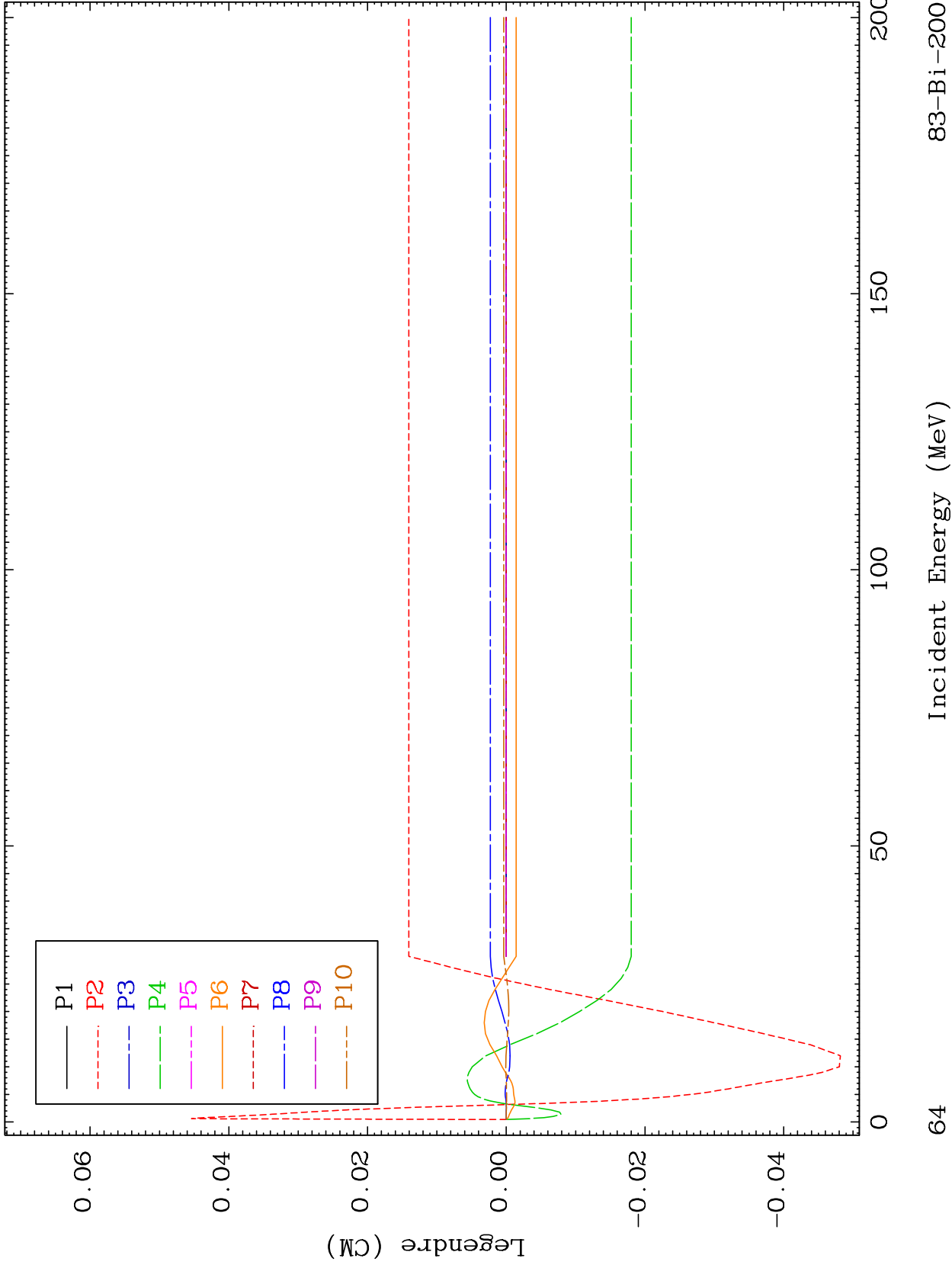
63

83-Bi-200

MAT 8298

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

83-Bi-200



83-Bi-200

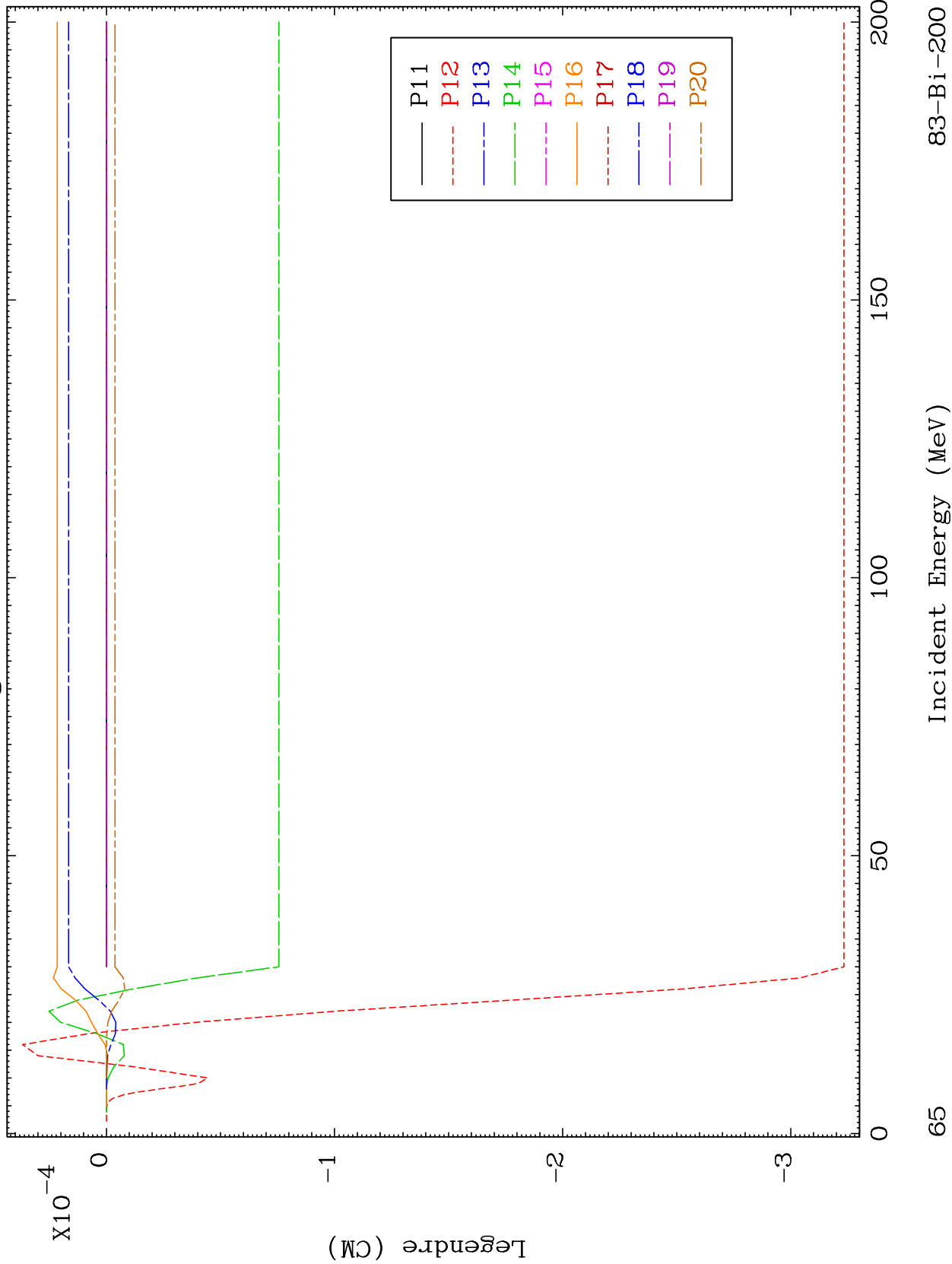
Incident Energy (MeV)

64

MAT 8298

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

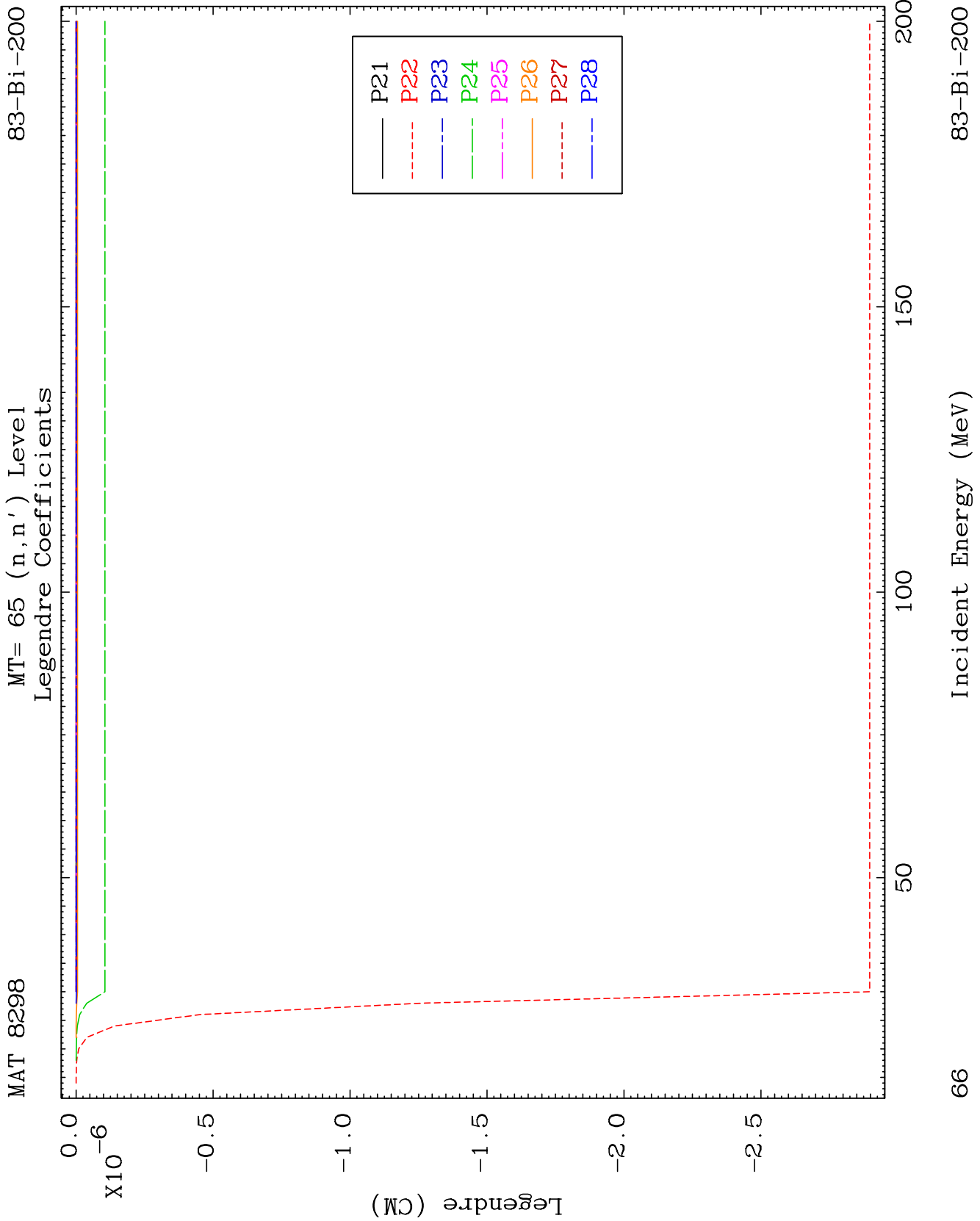
83-Bi-200



83-Bi-200

Incident Energy (MeV)

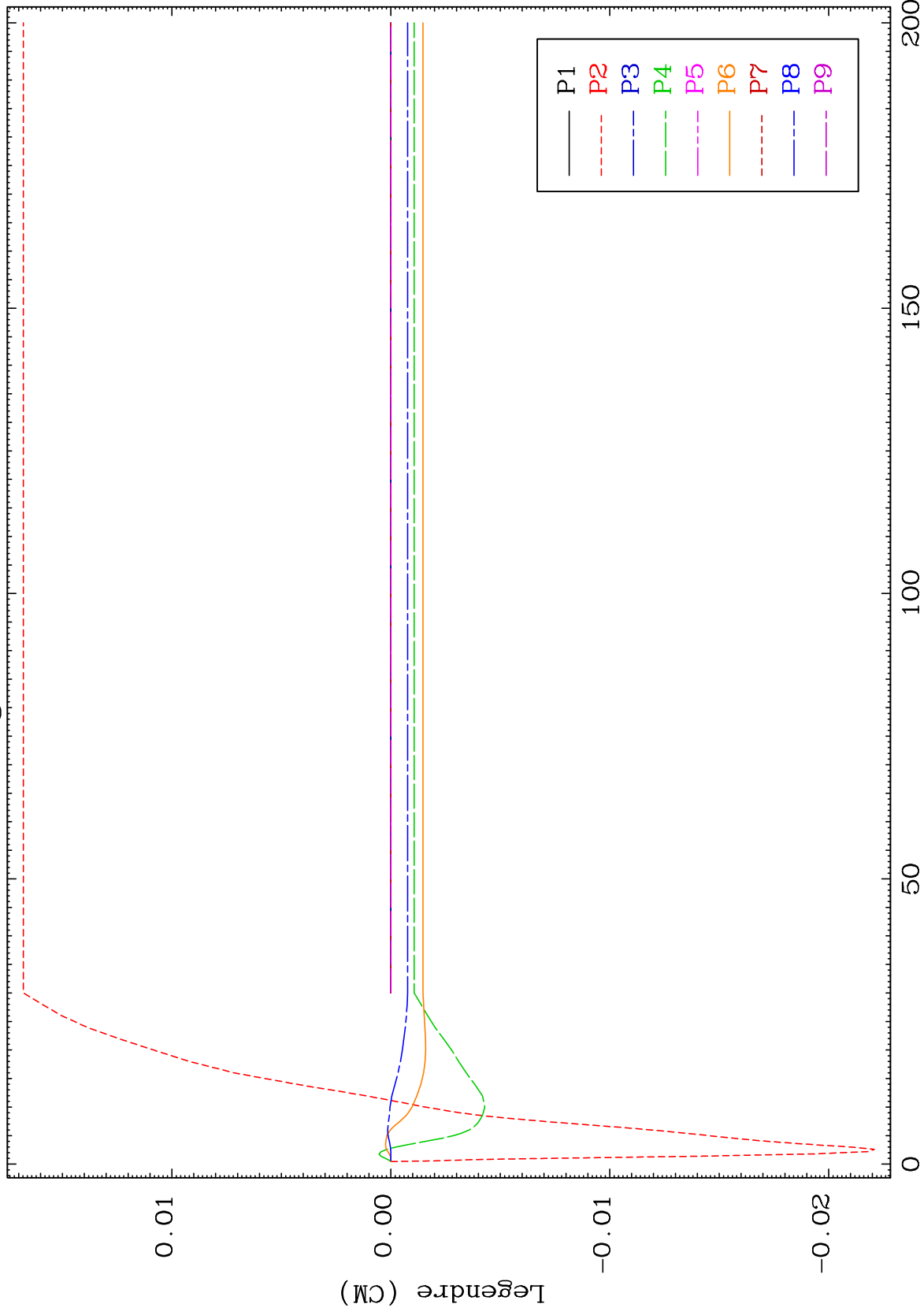
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MAT 8298

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

83-Bi-200



83-Bi-200

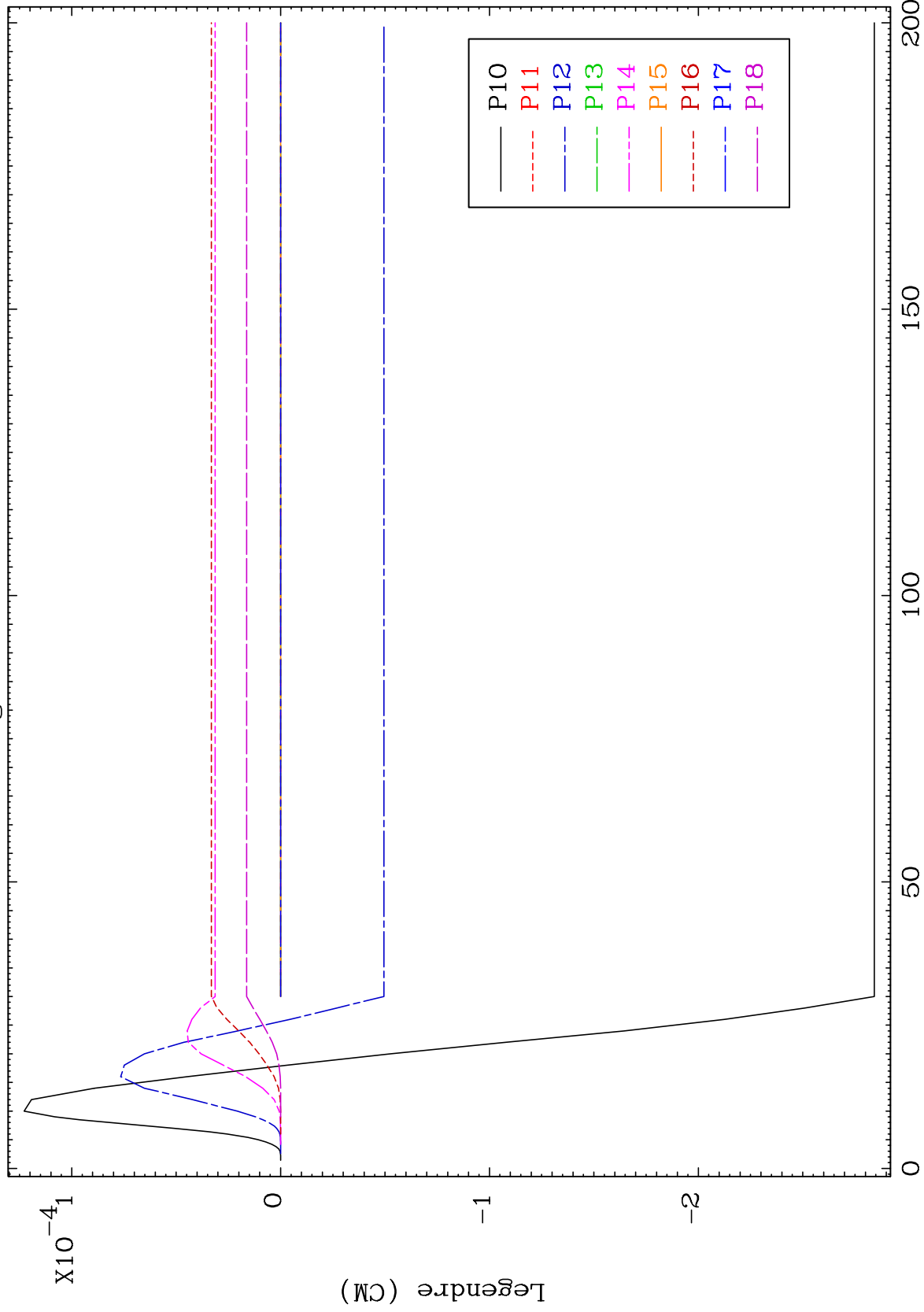
Incident Energy (MeV)

67

MAT 8298

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

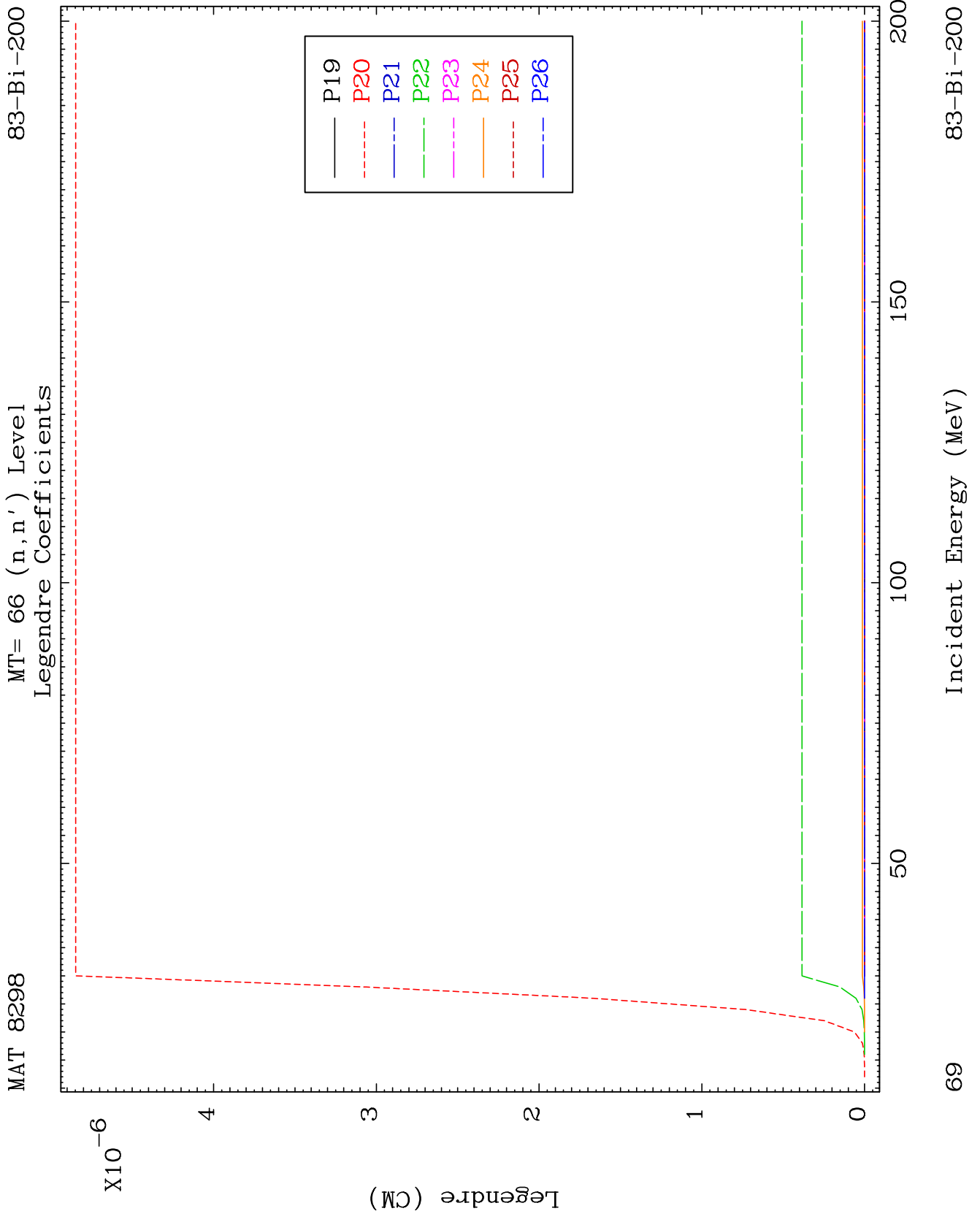
83-Bi-200



68

Incident Energy (MeV)

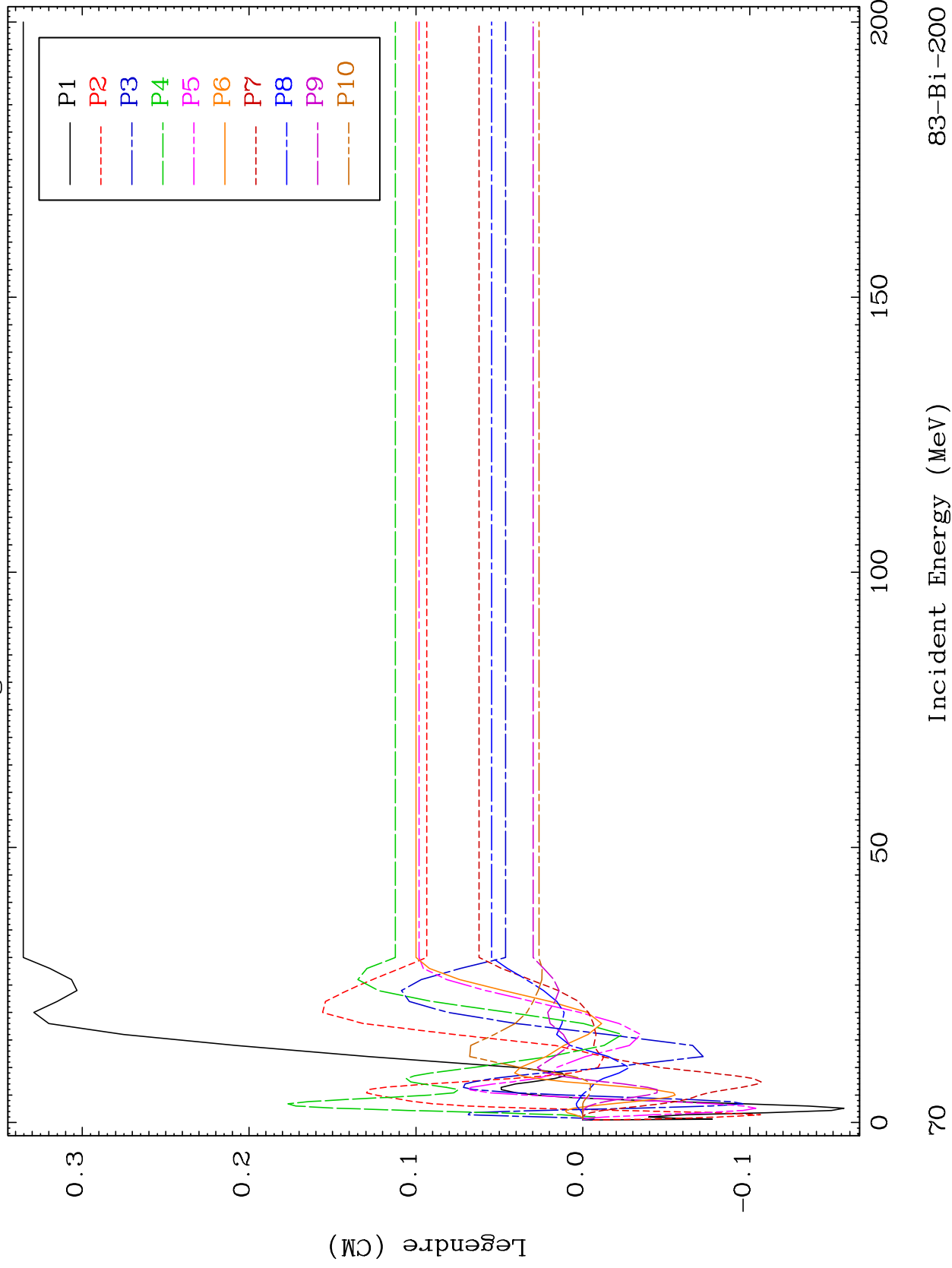
83-Bi-200



MAT 8298

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

83-Bi-200



83-Bi-200

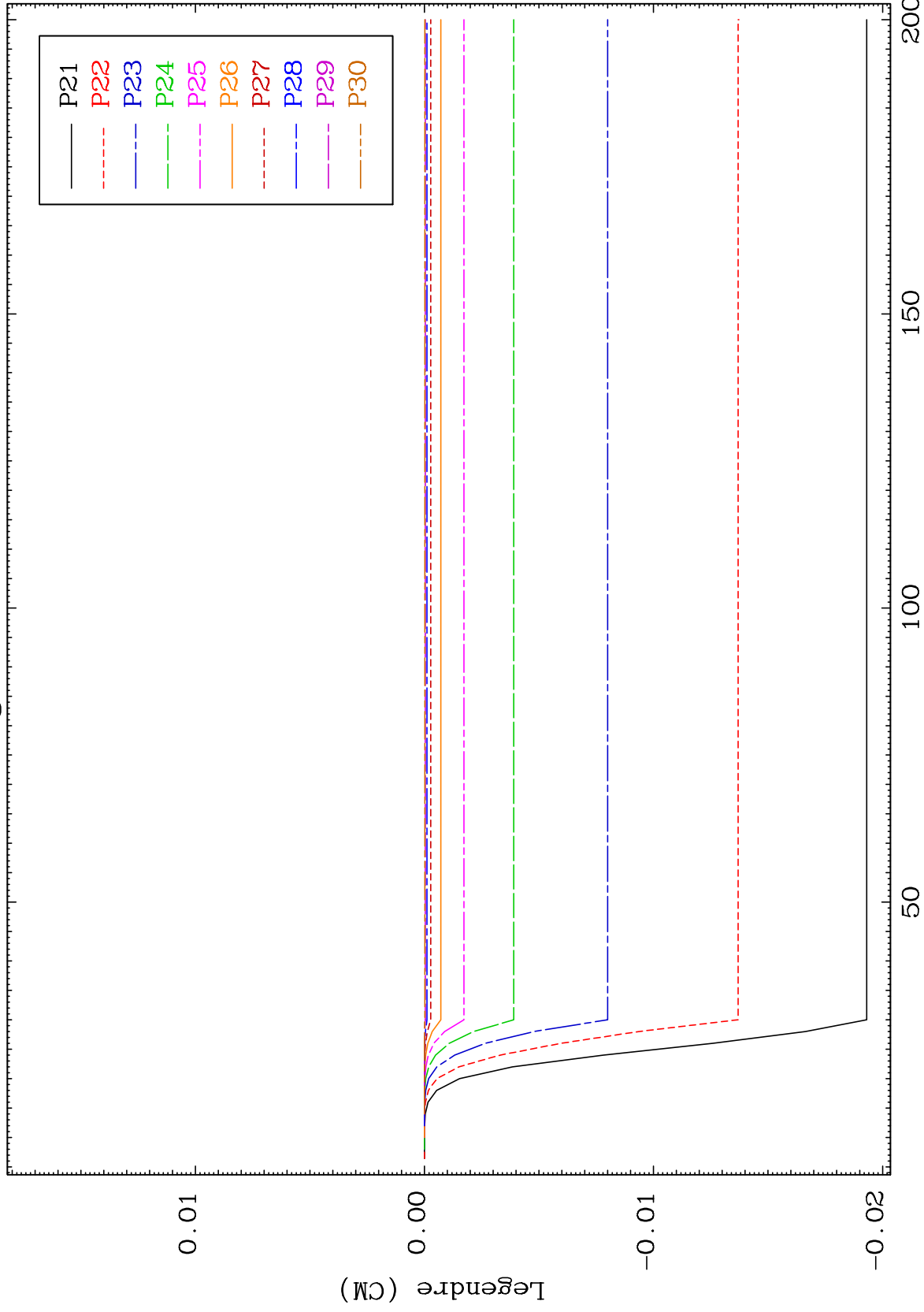
Incident Energy (MeV)

70

MAT 8298

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

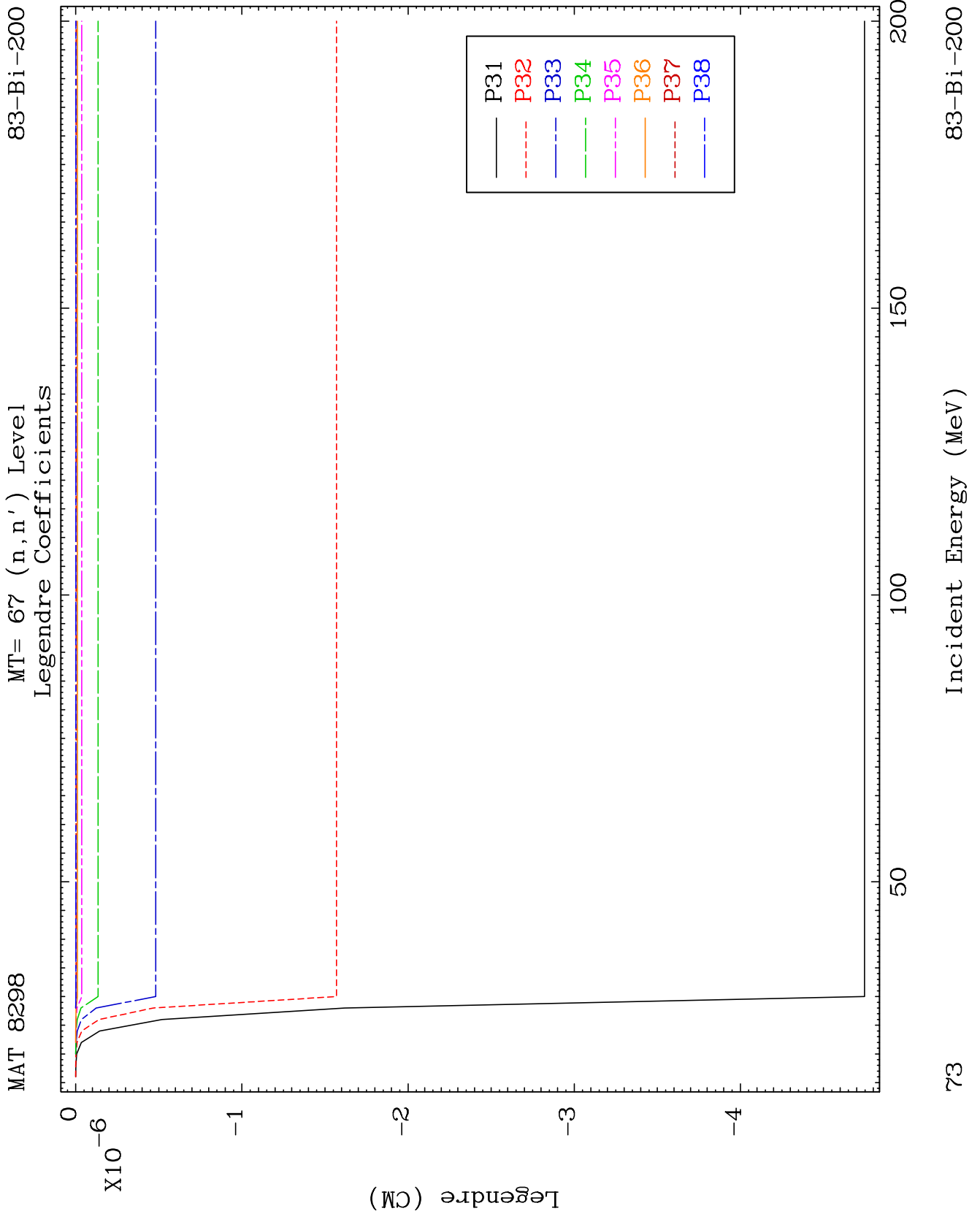
83-Bi-200



72

Incident Energy (MeV)

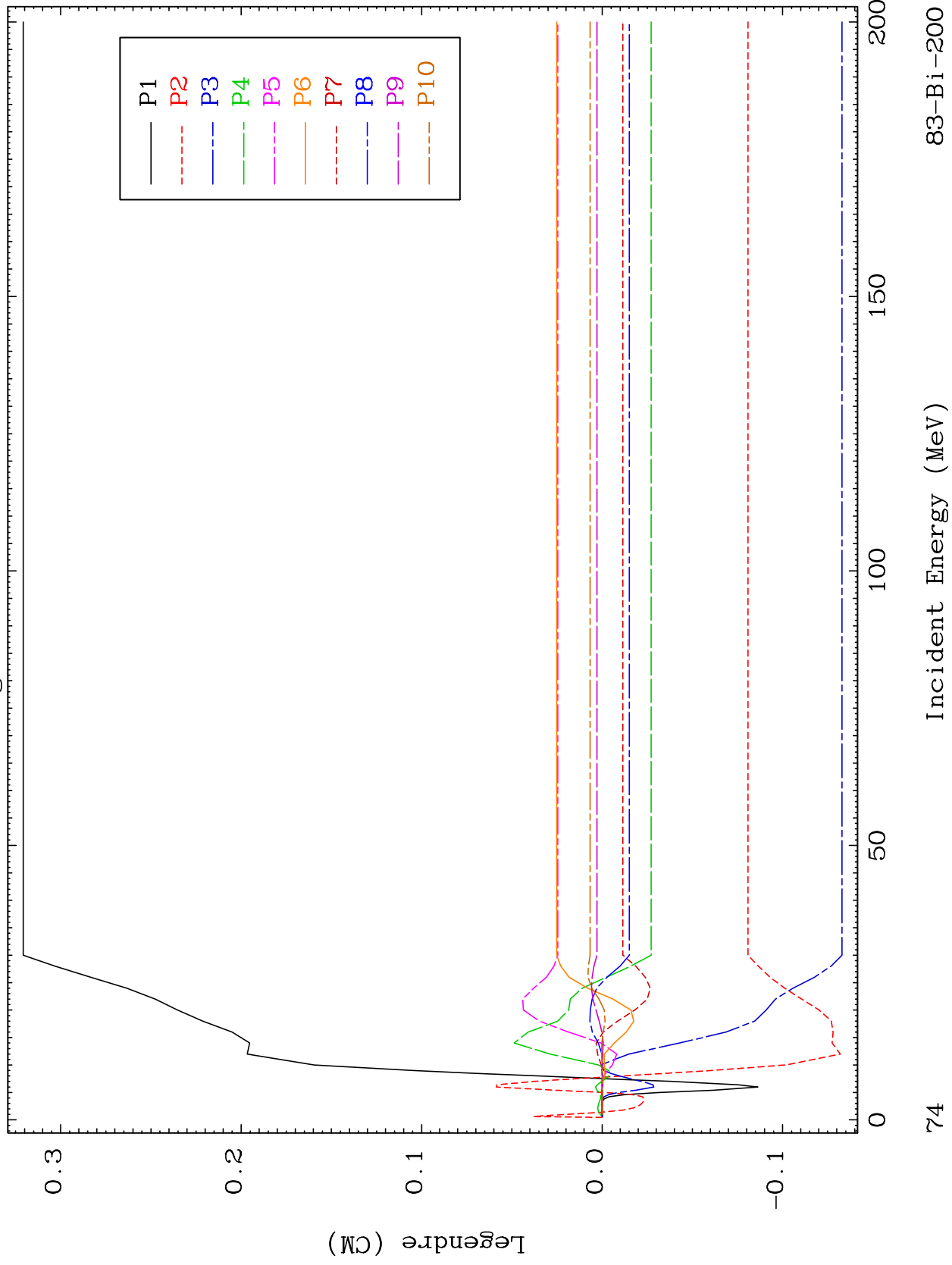
83-Bi-200



MAT 8298

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

83-Bi-200



74

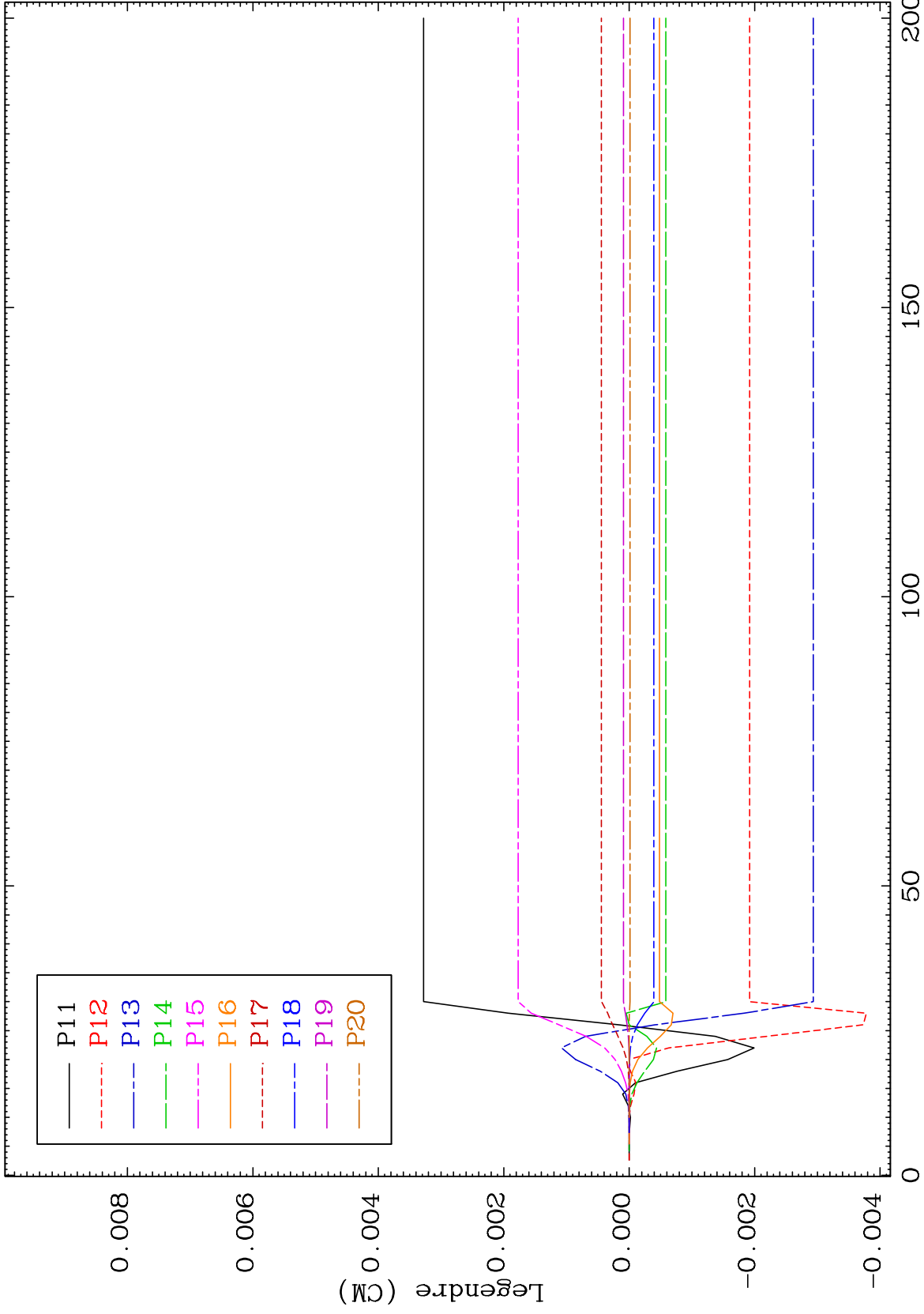
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



75

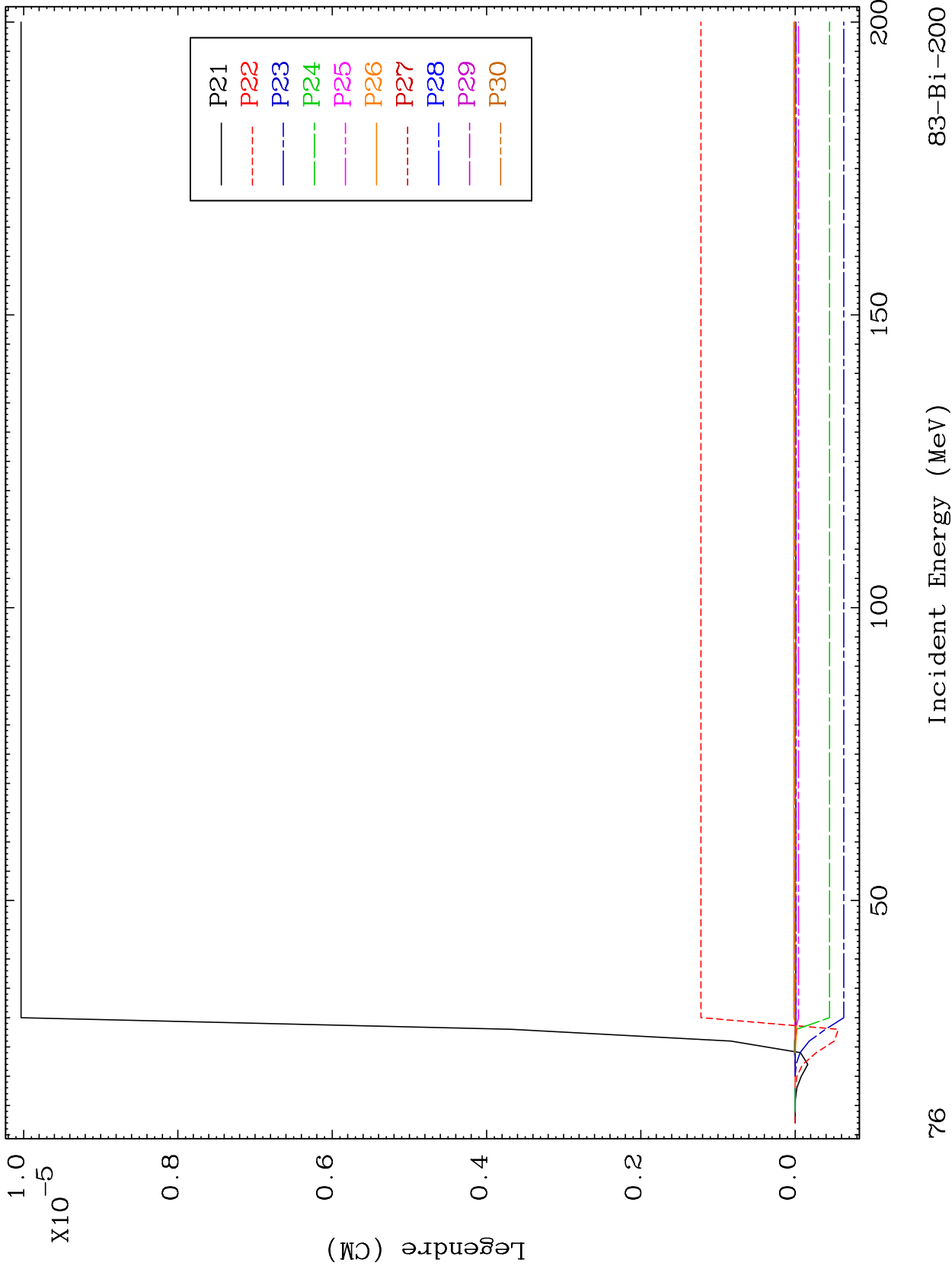
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



76

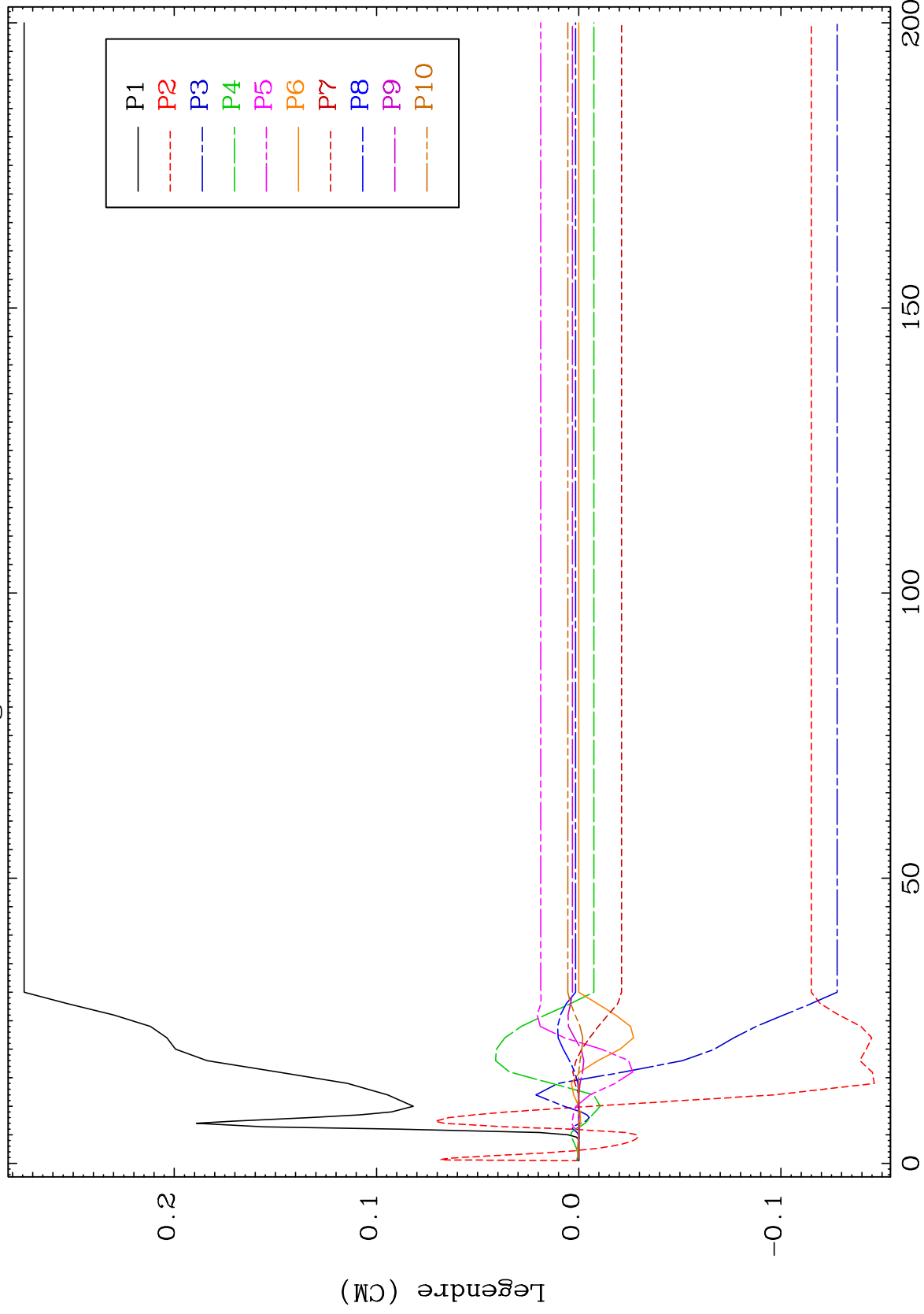
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



77

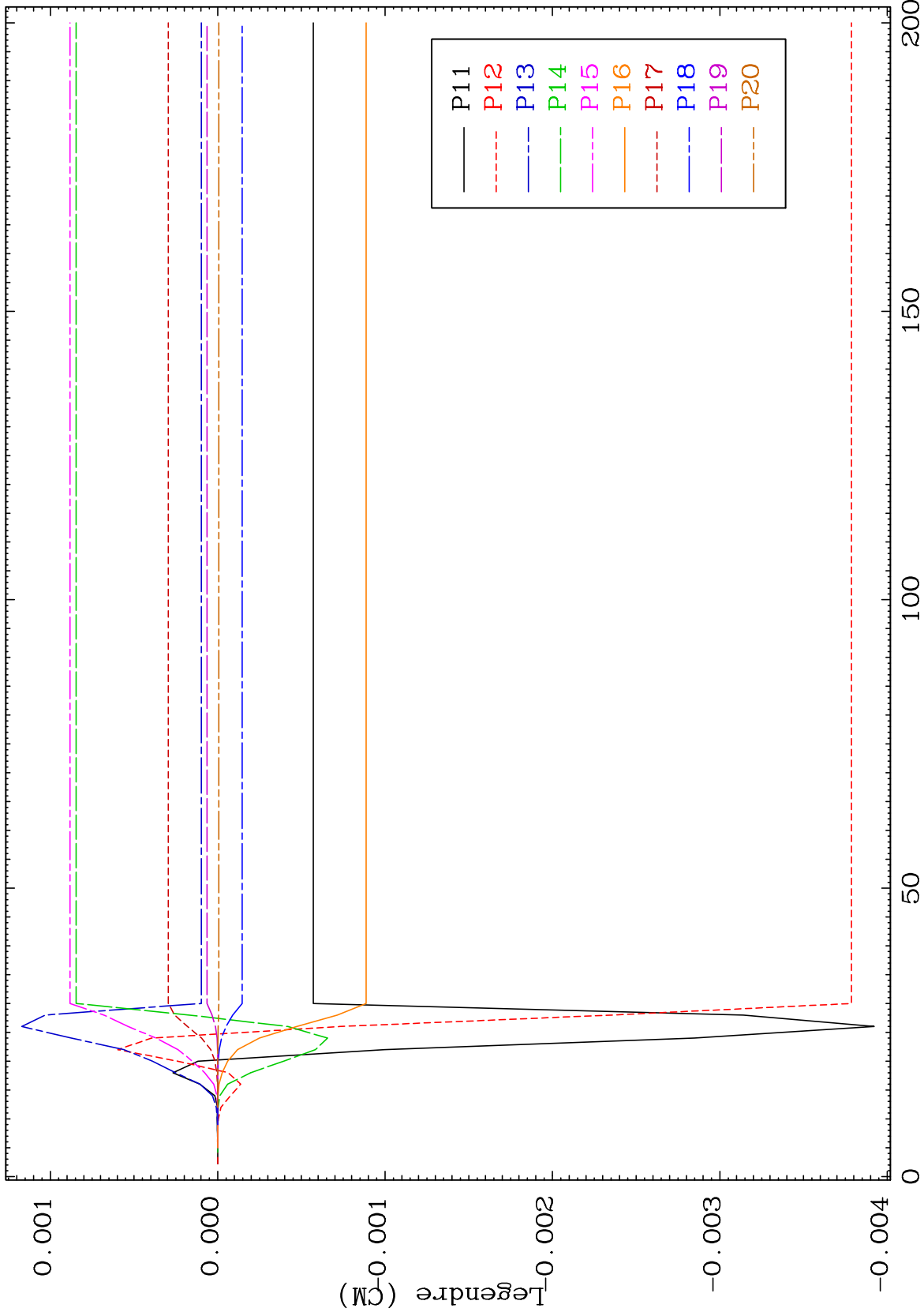
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



78

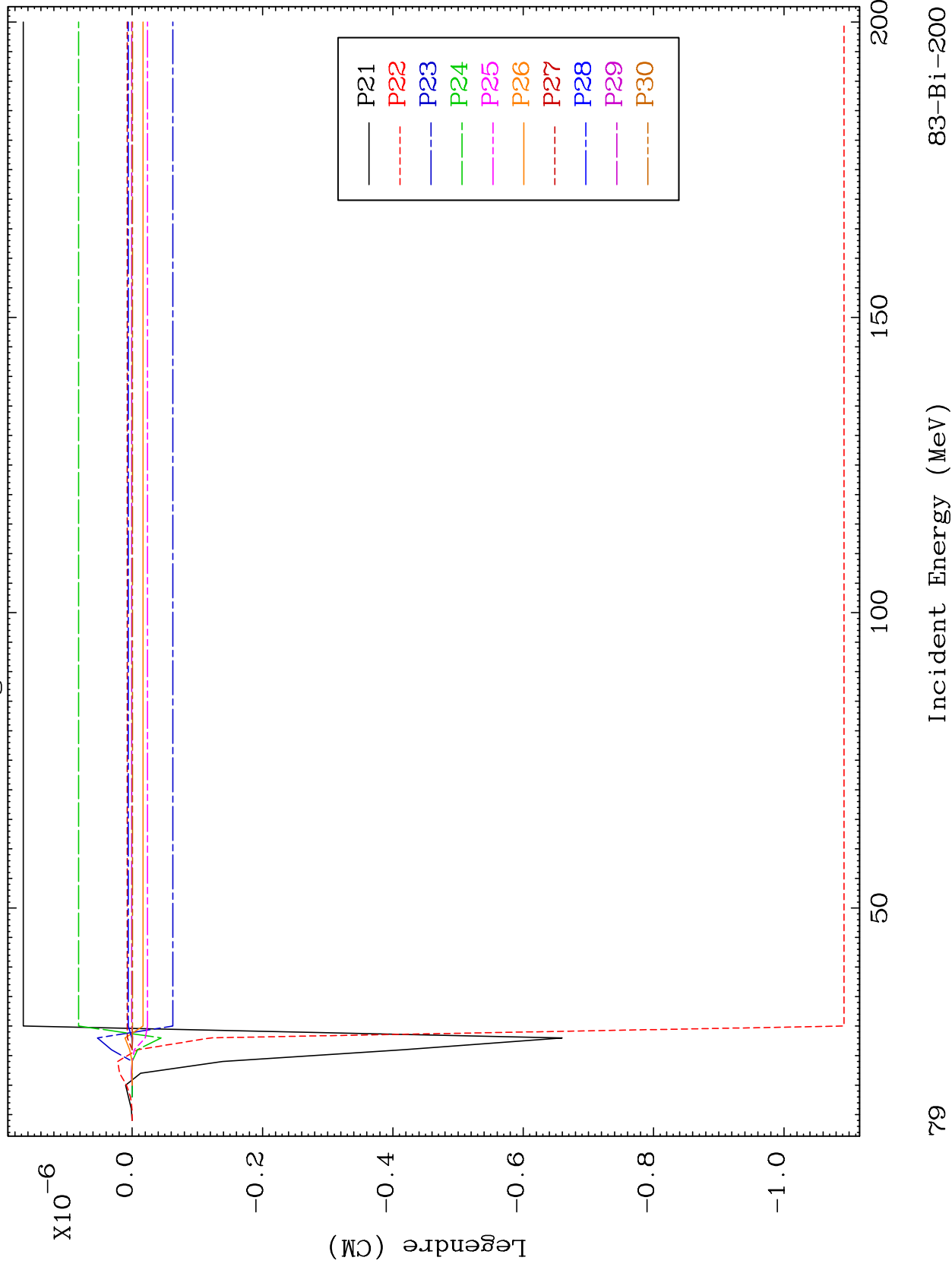
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



79

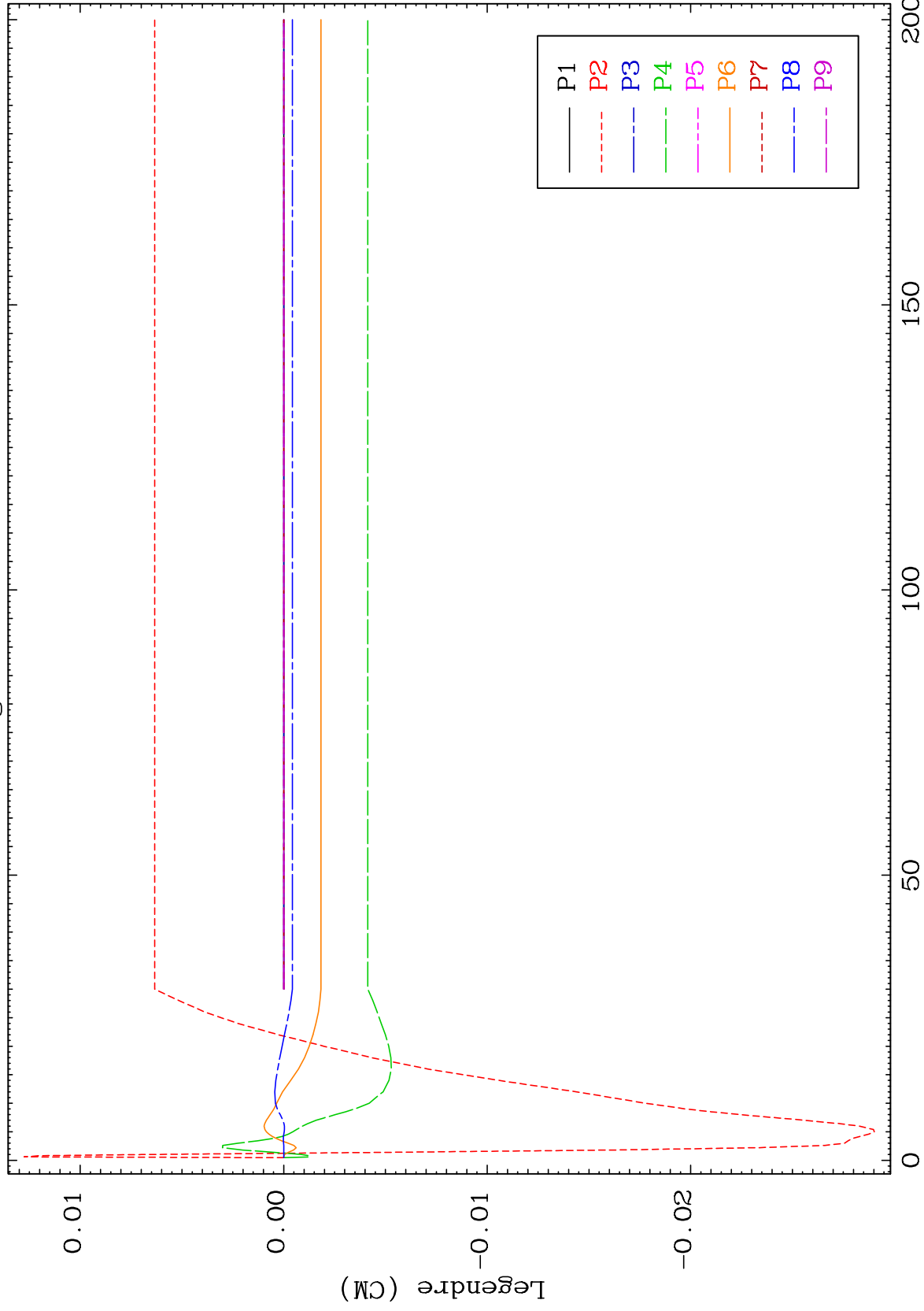
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



83-Bi-200

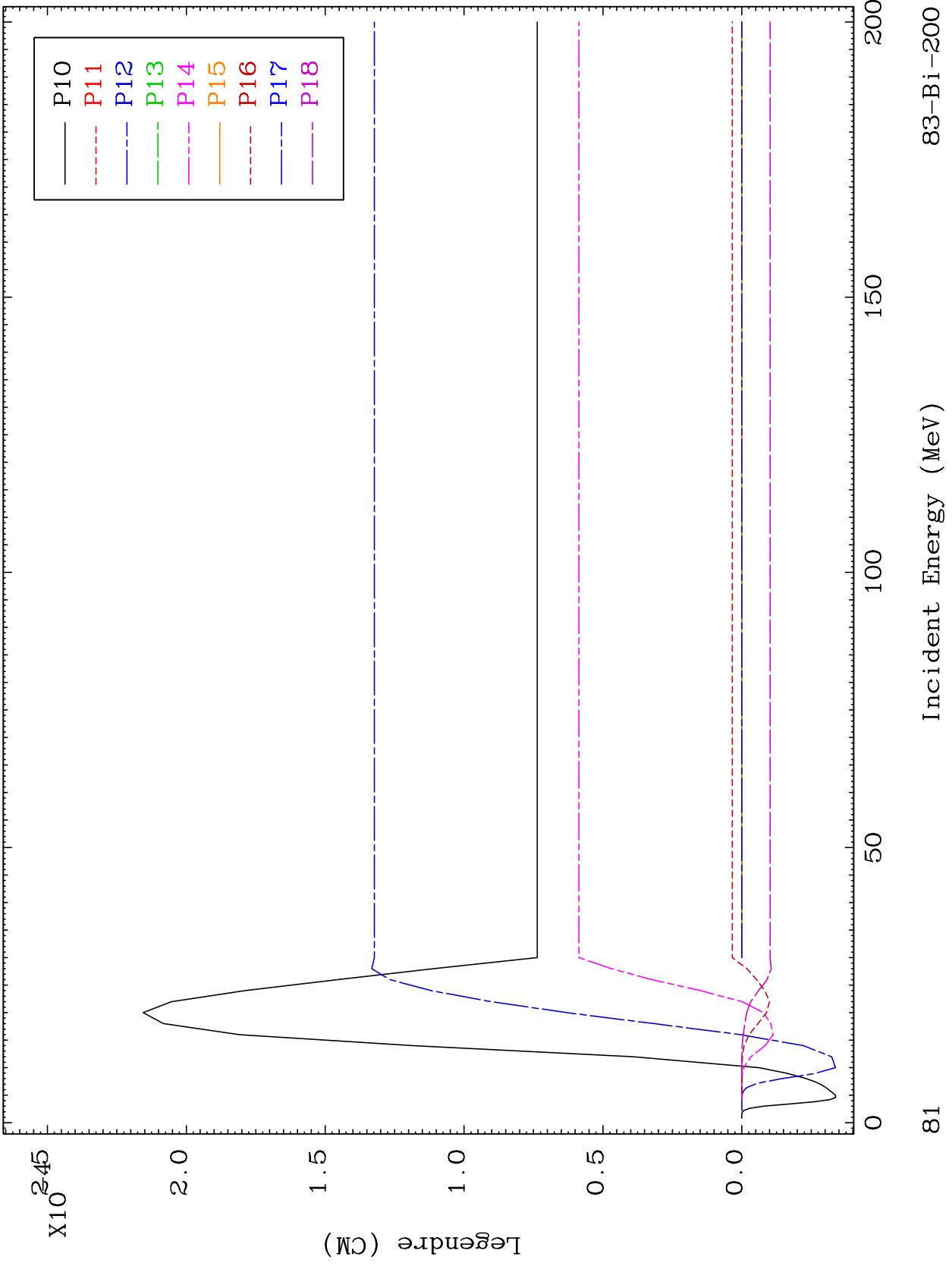
Incident Energy (MeV)

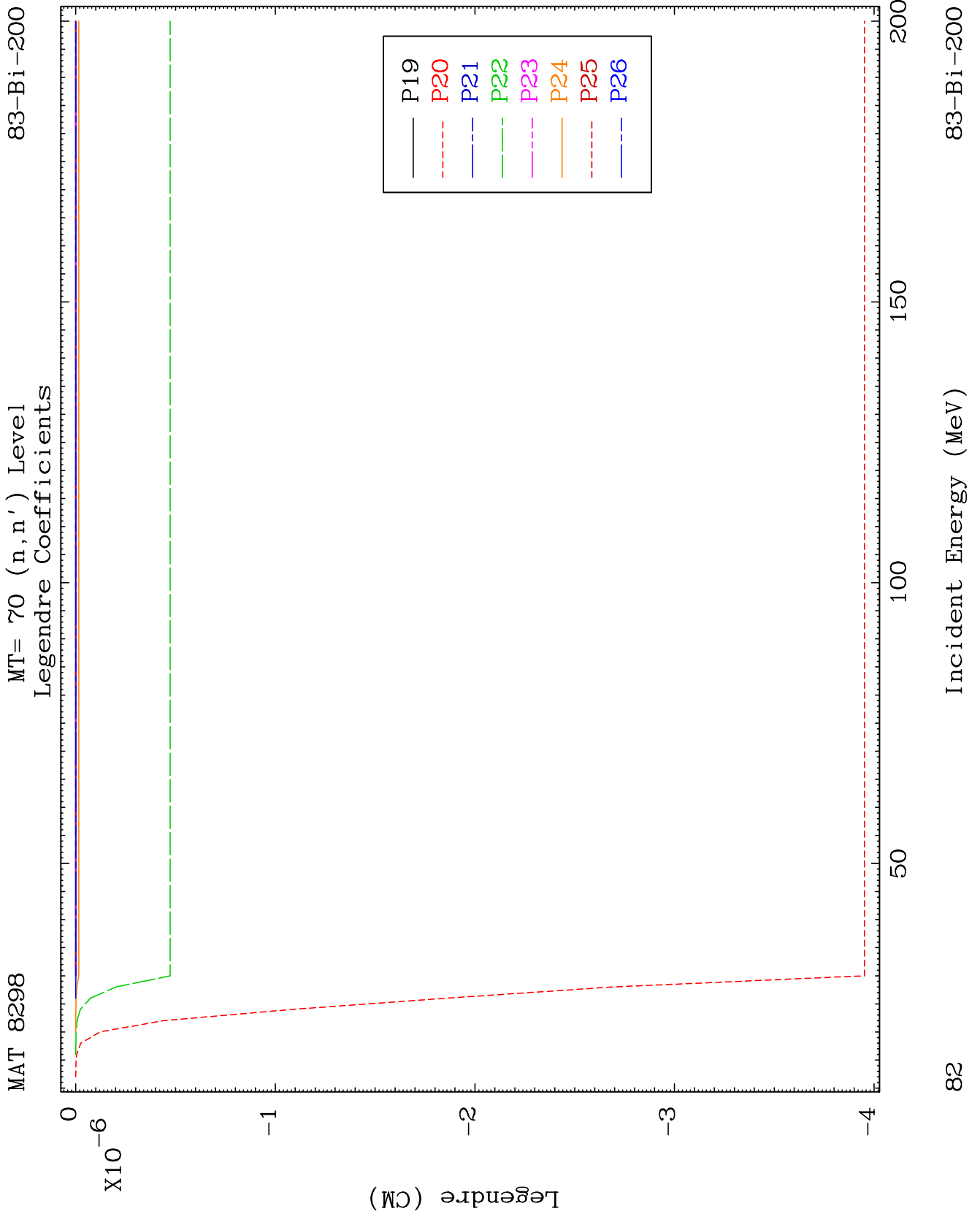
80

MAT 8298

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

83-Bi-200

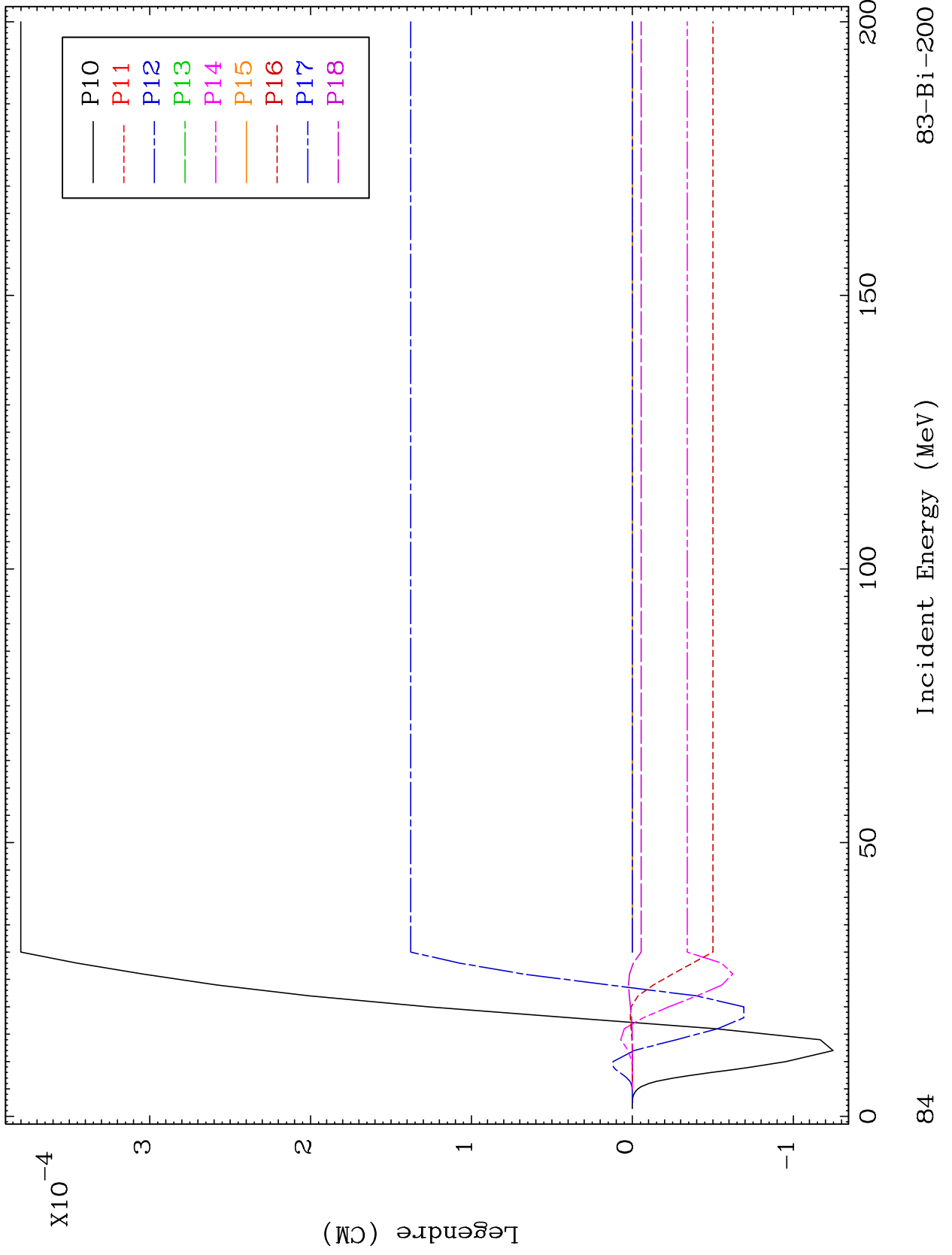




MAT 8298

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

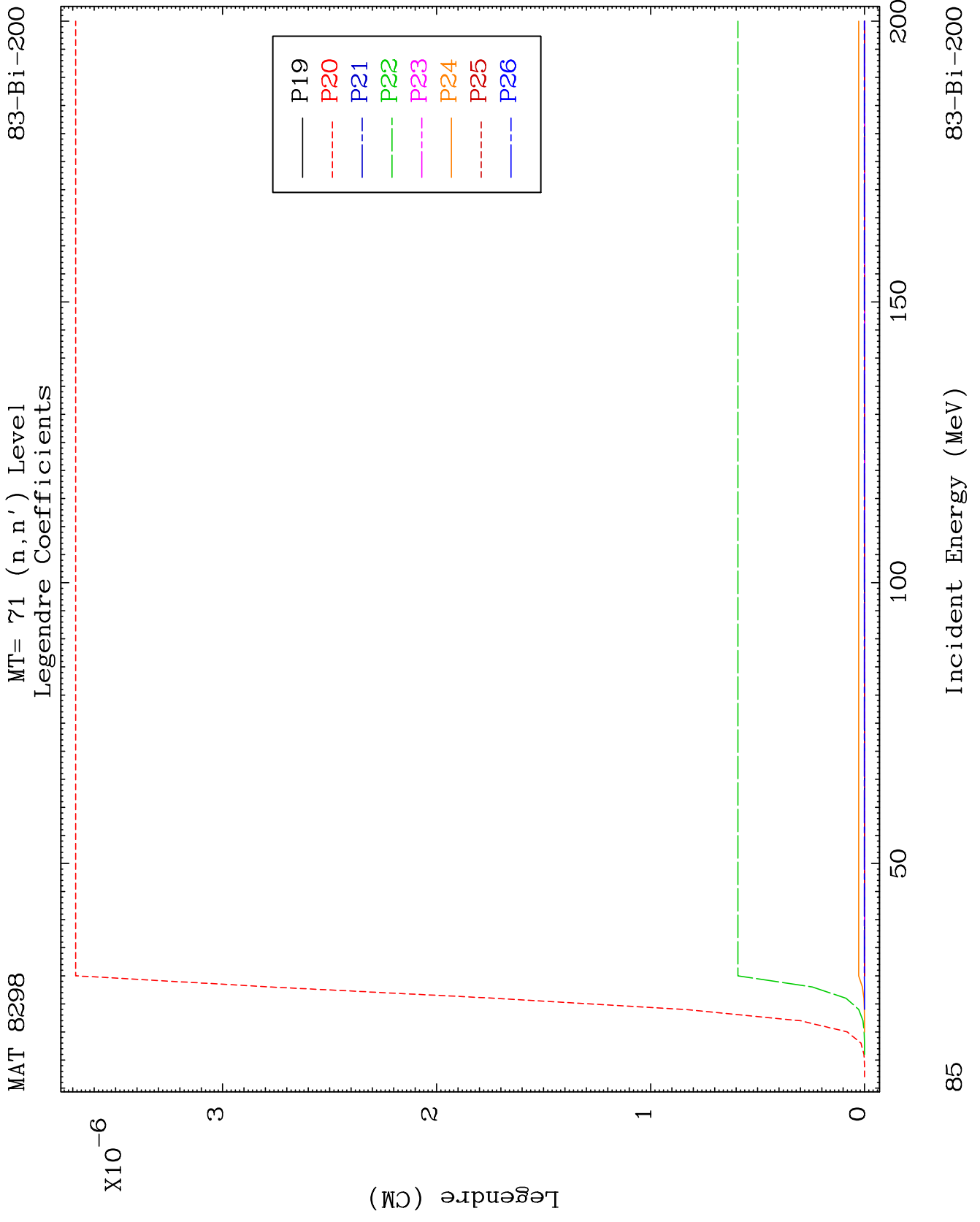
83-Bi-200



84

Incident Energy (MeV)

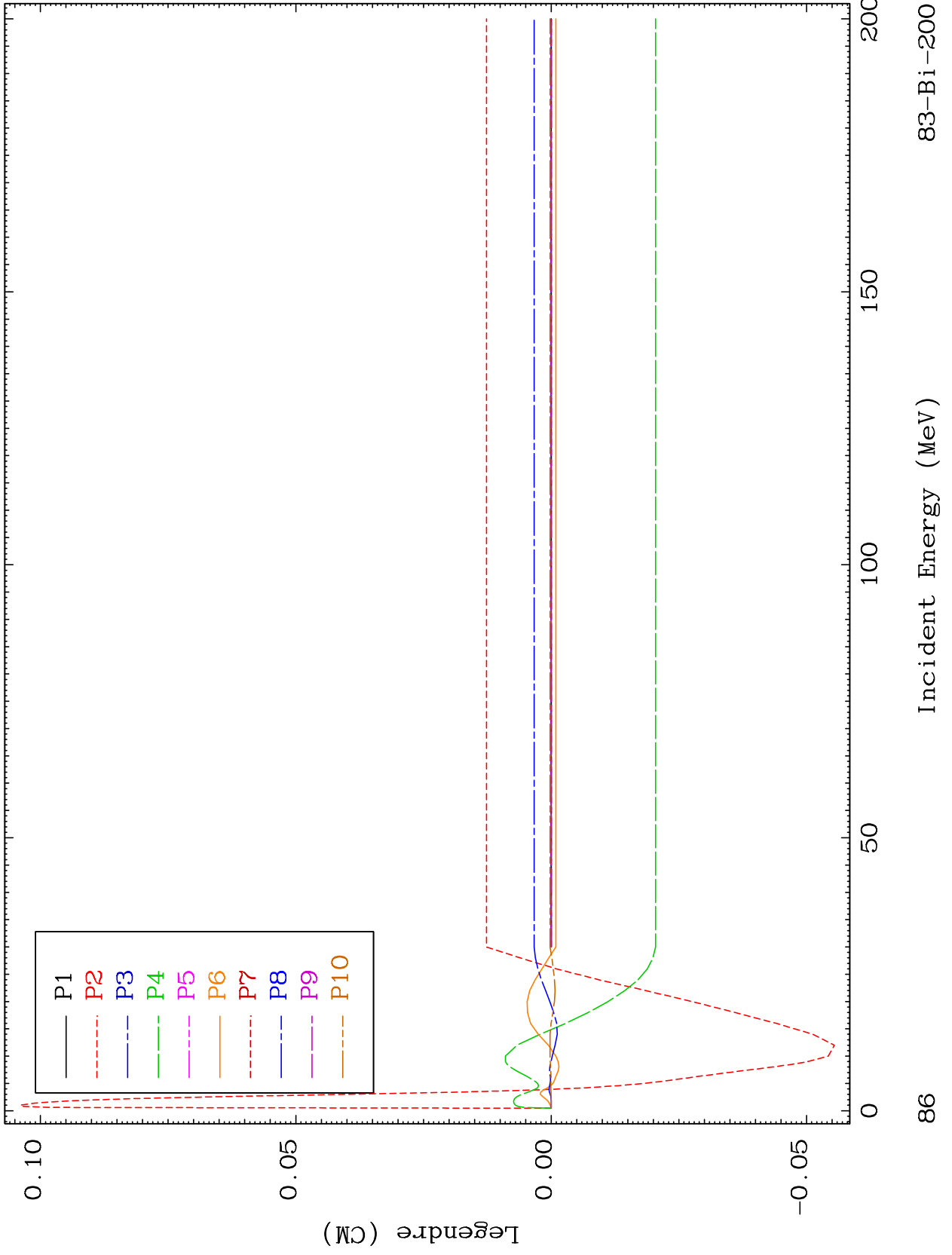
83-Bi-200



MAT 8298

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

83-Bi-200



83-Bi-200

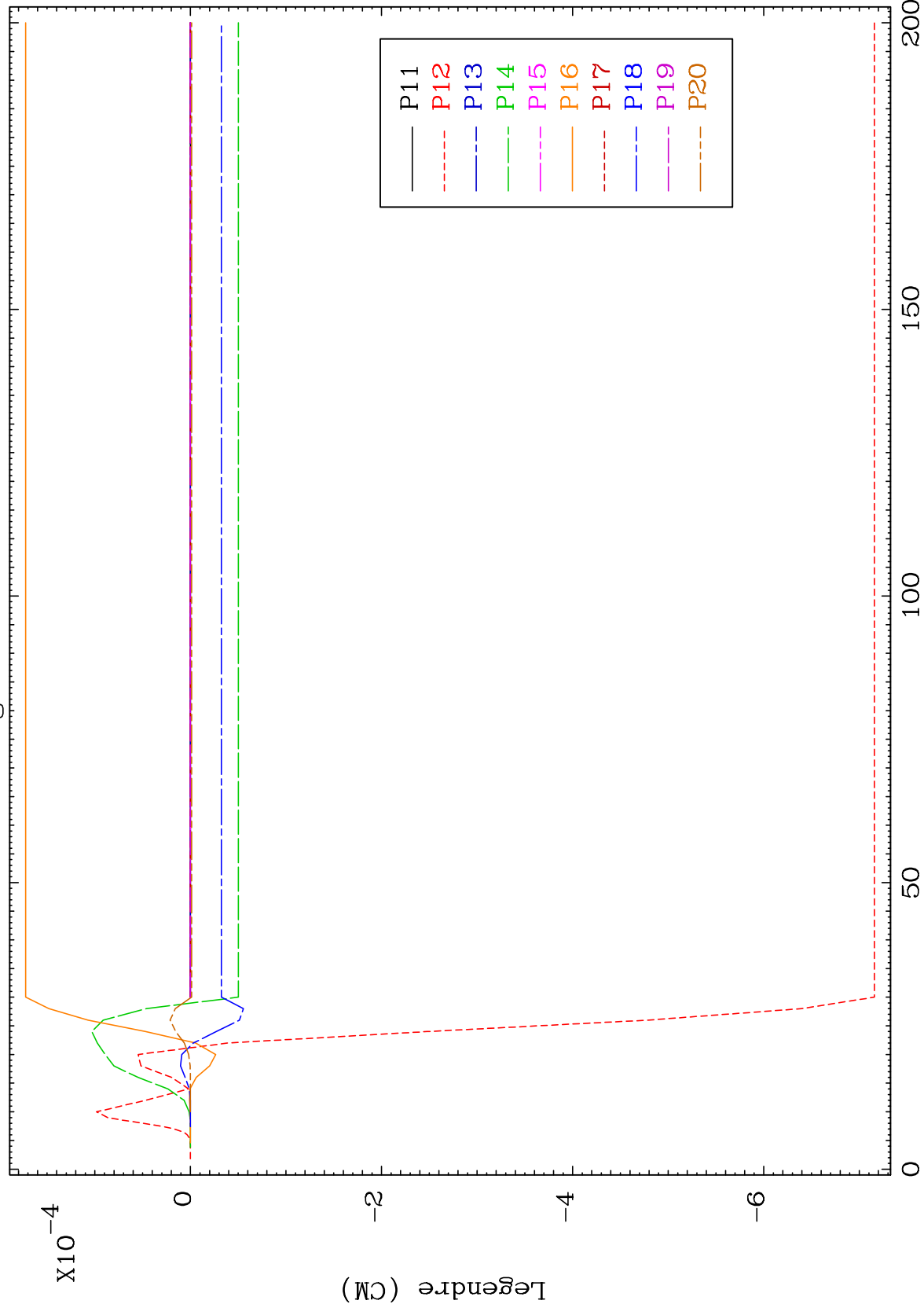
Incident Energy (MeV)

86

MAT 8298

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

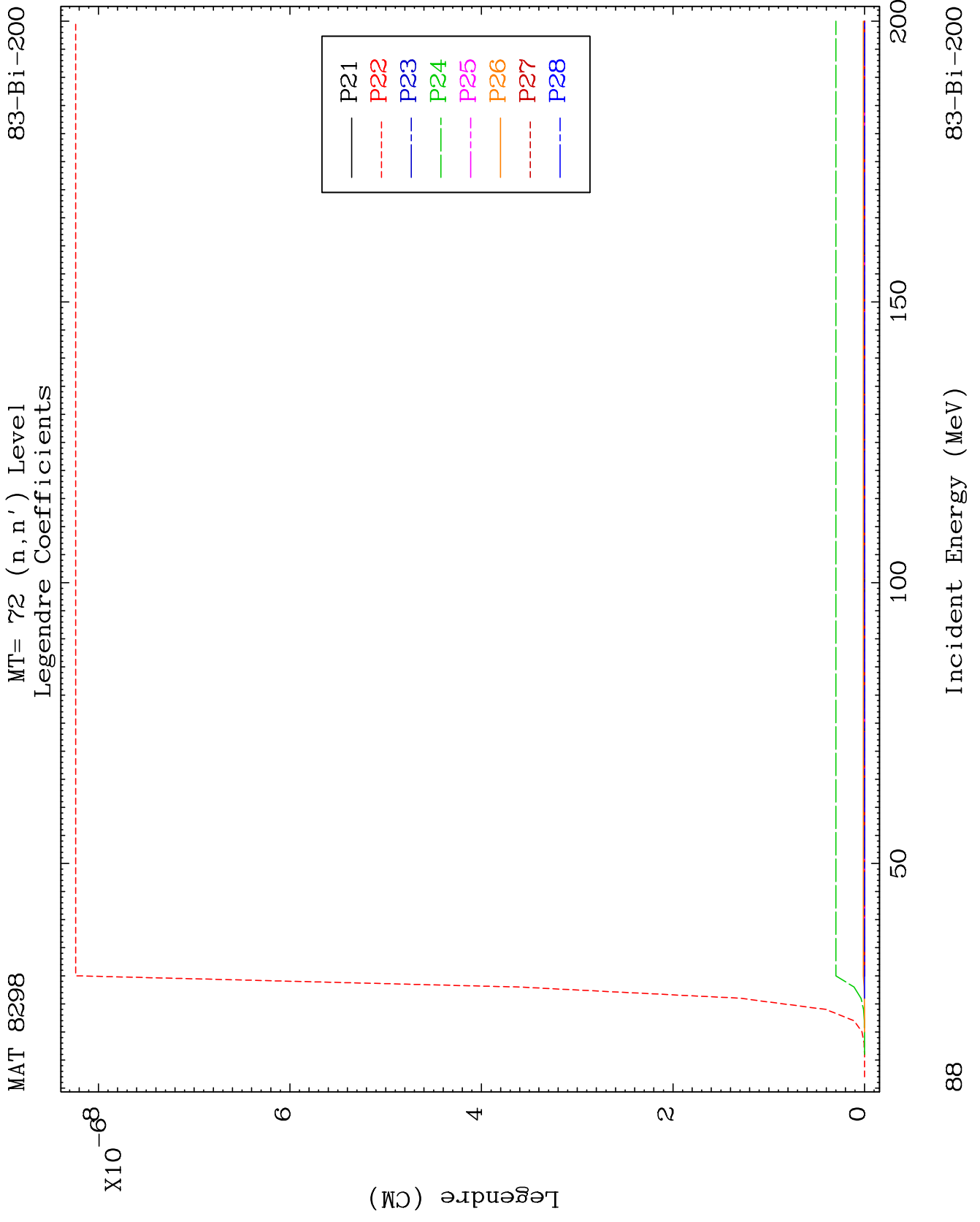
83-Bi-200



87

Incident Energy (MeV)

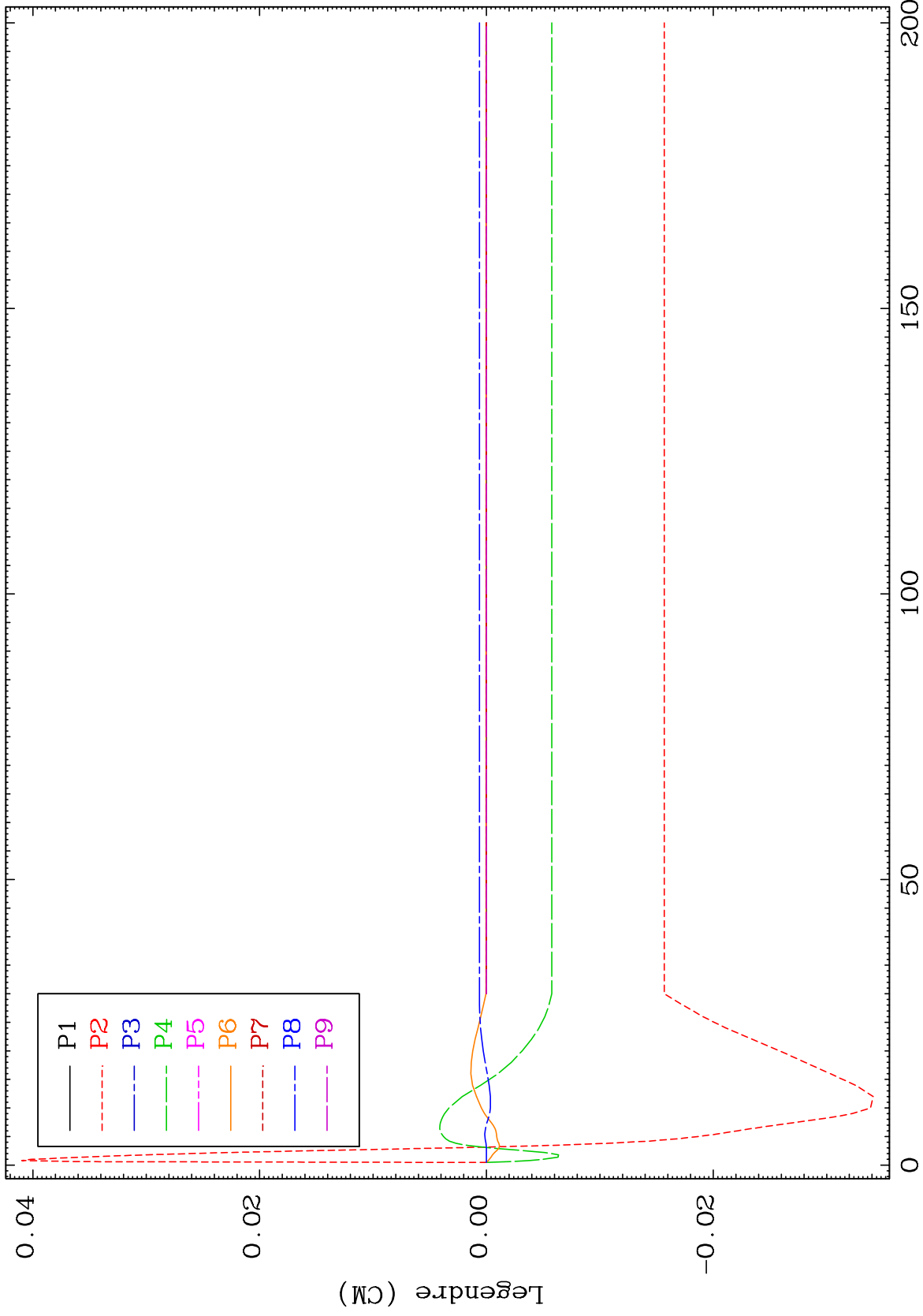
83-Bi-200



MAT 8298

83-Bi-200

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



83-Bi-200

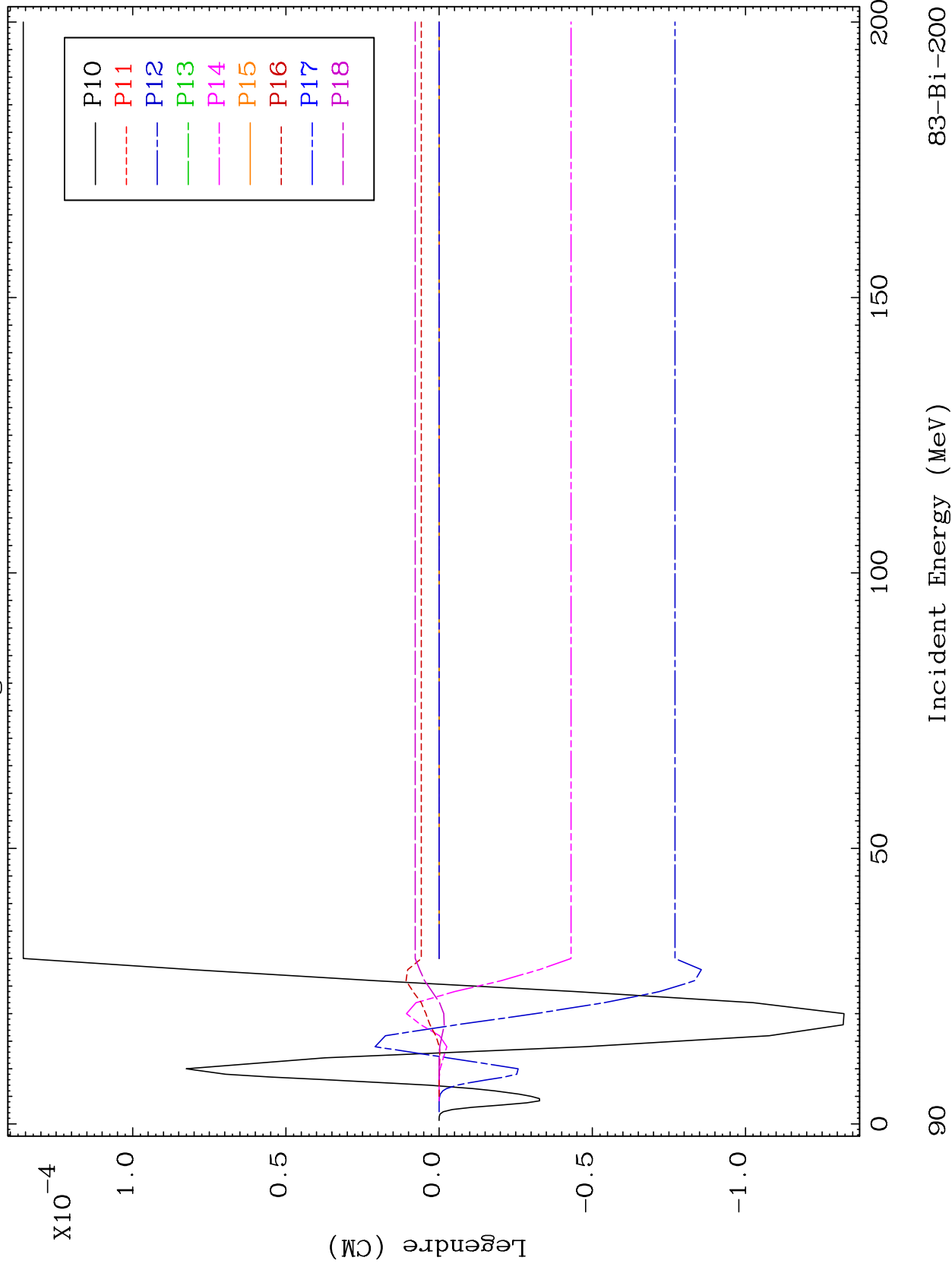
Incident Energy (MeV)

89

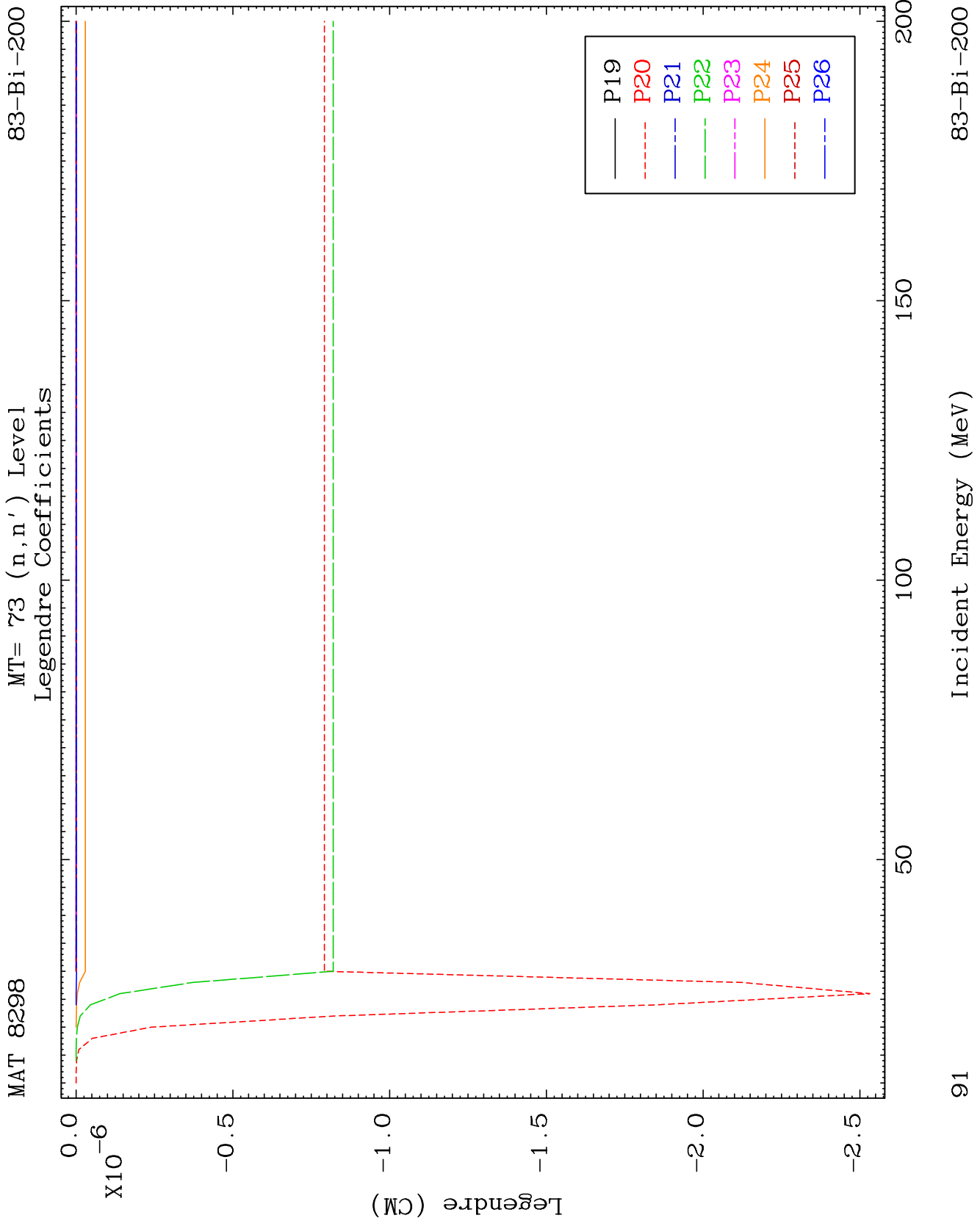
MAT 8298

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

83-Bi-200



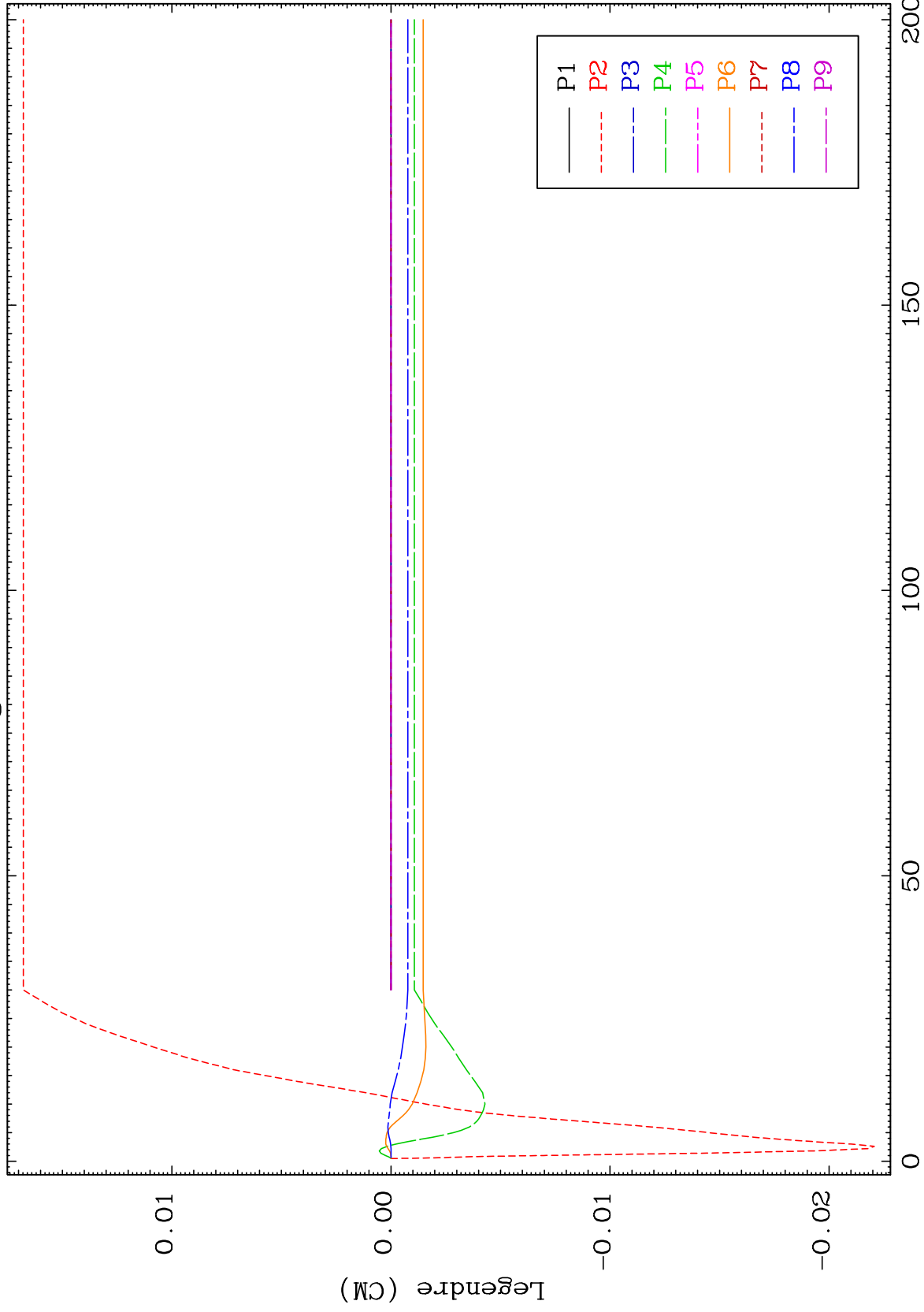
83-Bi-200



MAT 8298

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

83-Bi-200



83-Bi-200

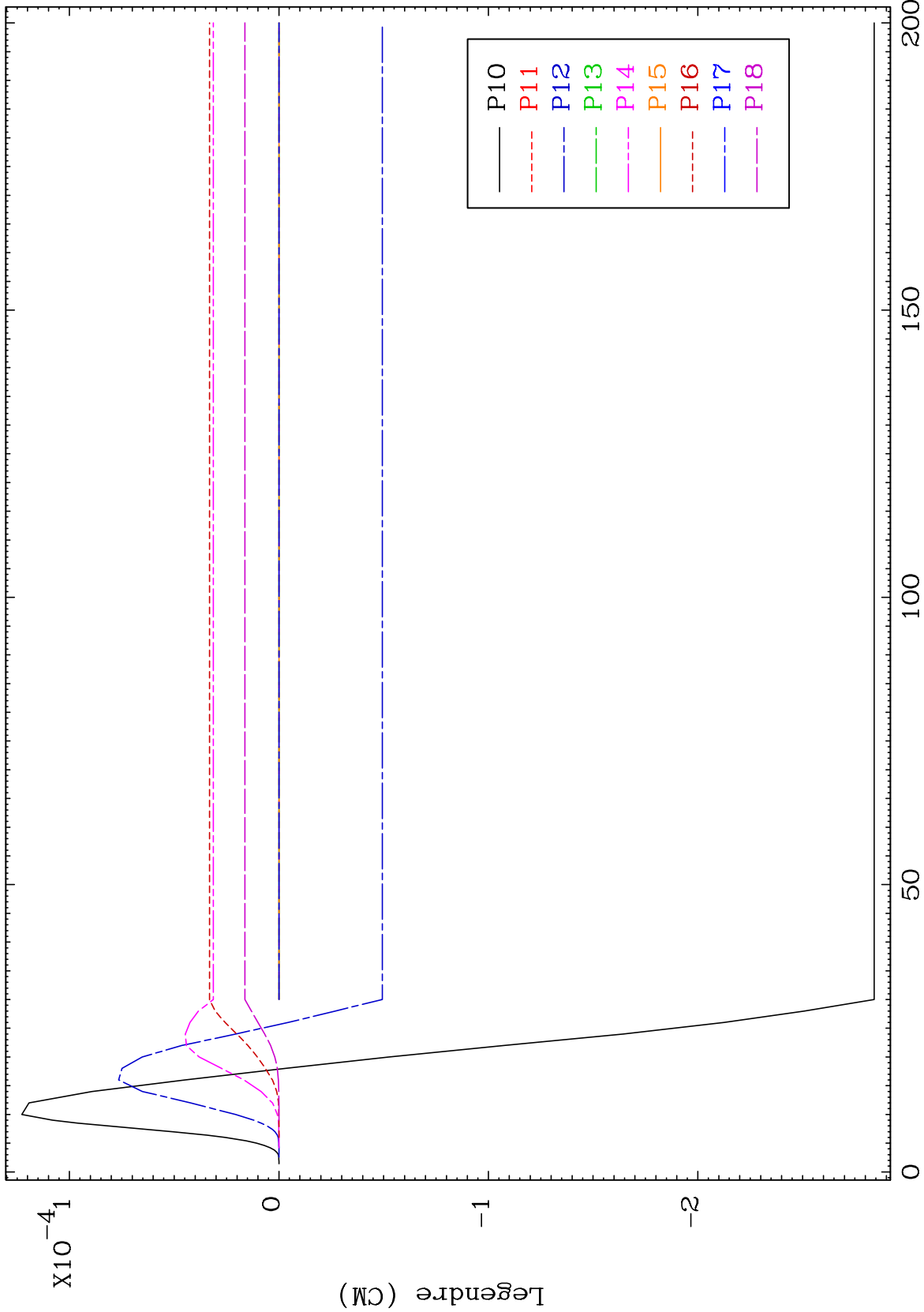
Incident Energy (MeV)

92

MAT 8298

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

83-Bi-200

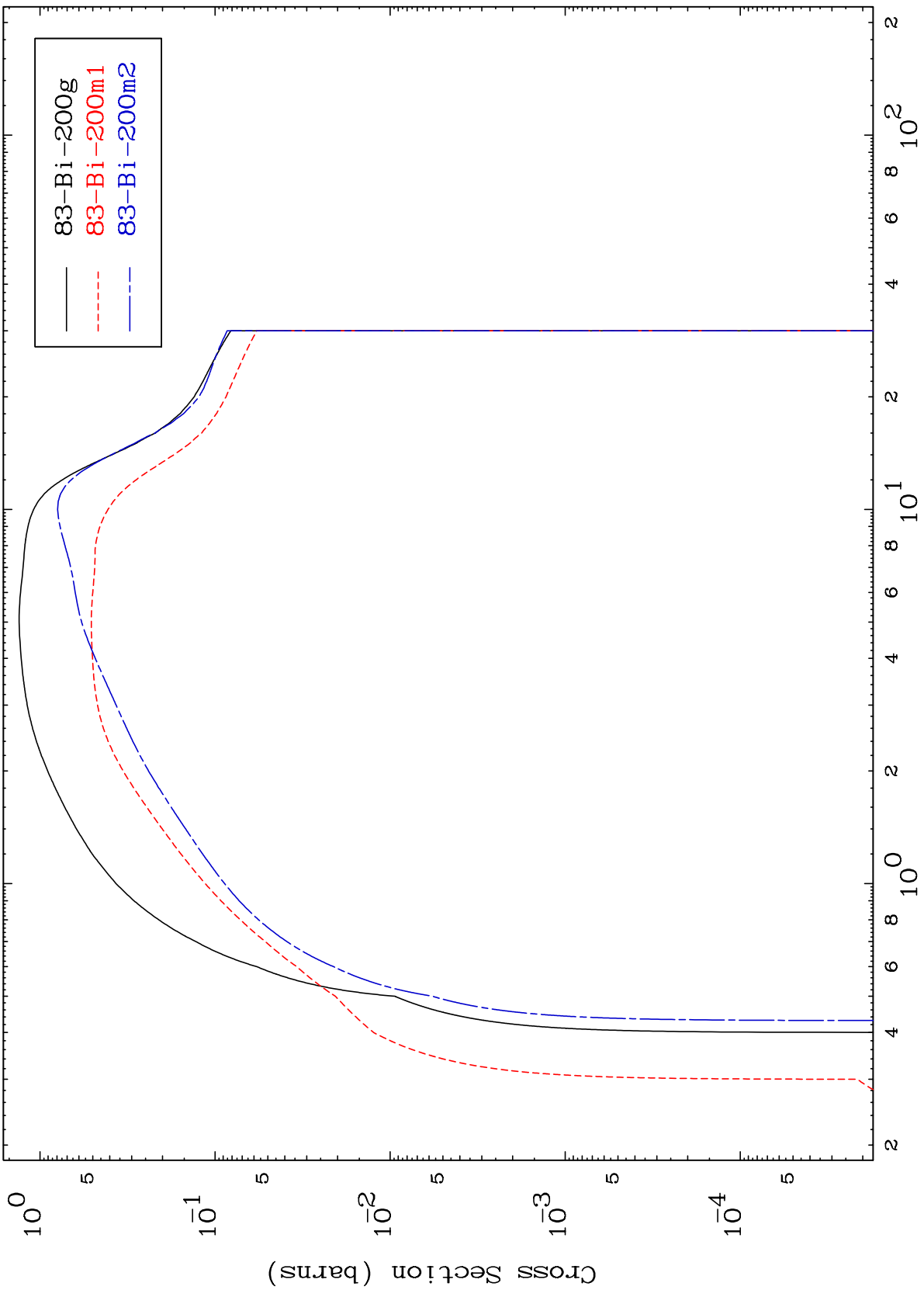


93

Incident Energy (MeV)

83-Bi-200

Inelastic
Radionuclide Production Cross Section



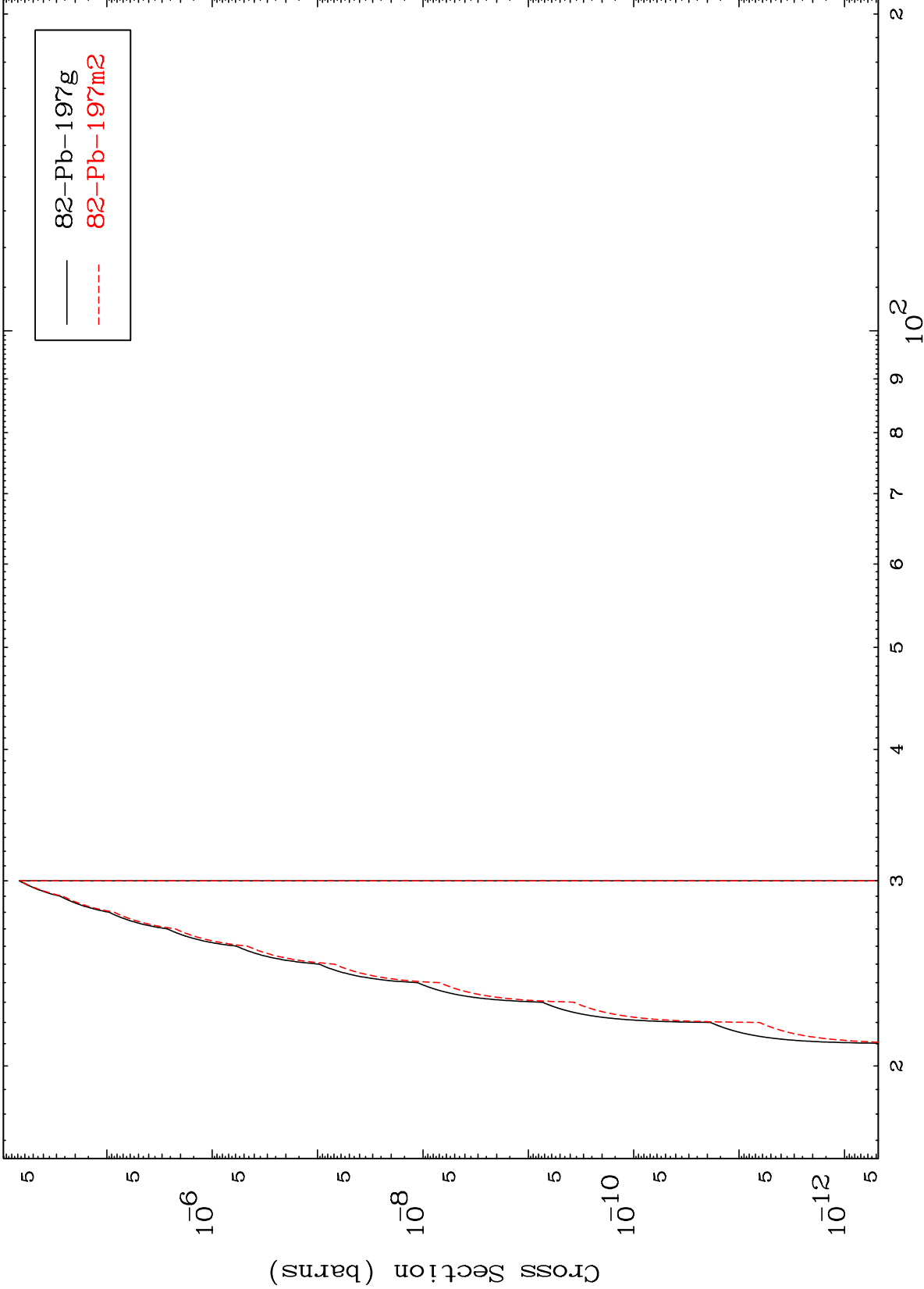
83-Bi-200g
83-Bi-200m1
83-Bi-200m2

MAT 8298

(n,2n) d

83-Bi-200

Radionuclide Production Cross Section



96

Incident Energy (MeV)

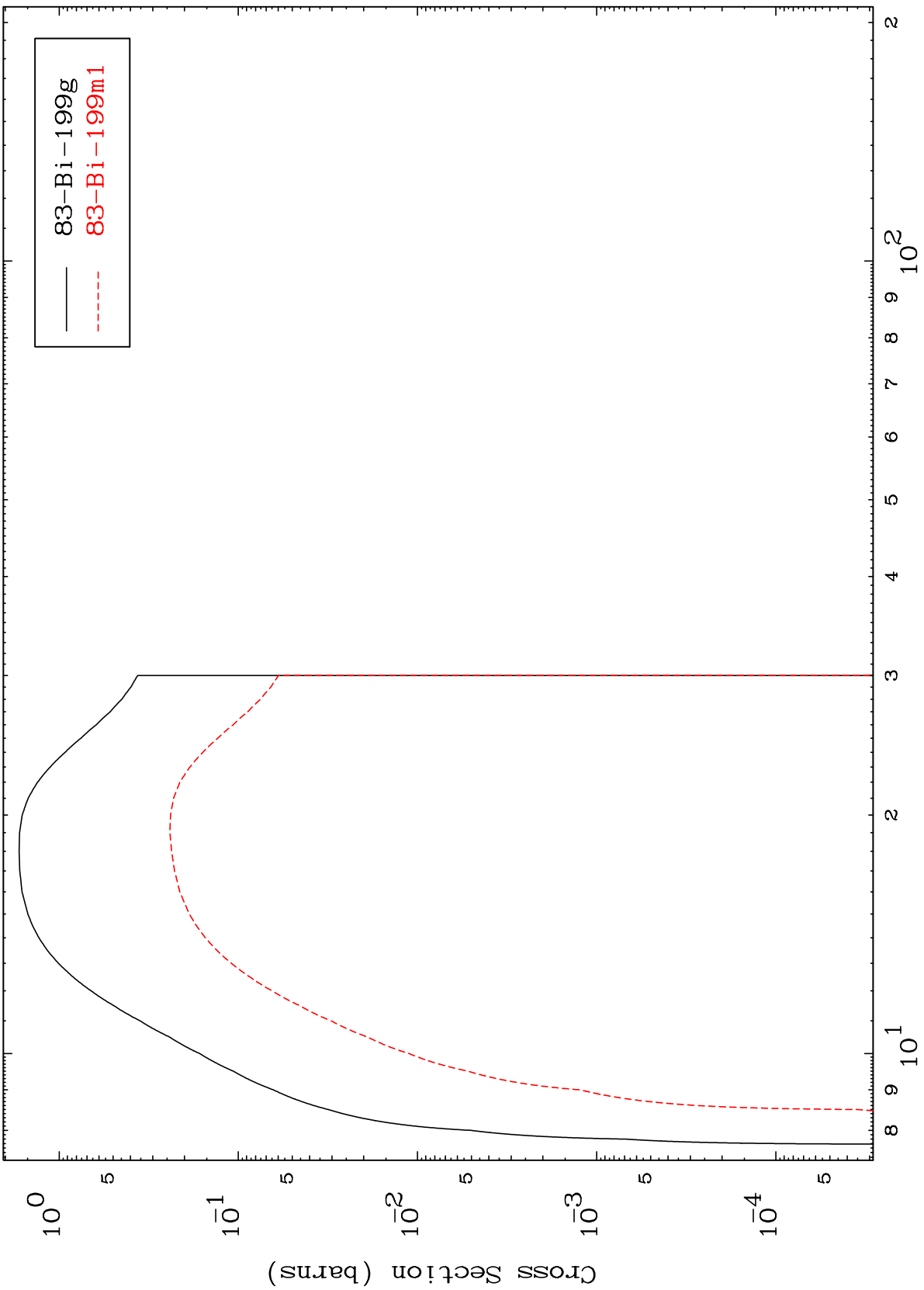
83-Bi-200

MAT 8298

83-Bi-200

(n,2n)

Radionuclide Production Cross Section

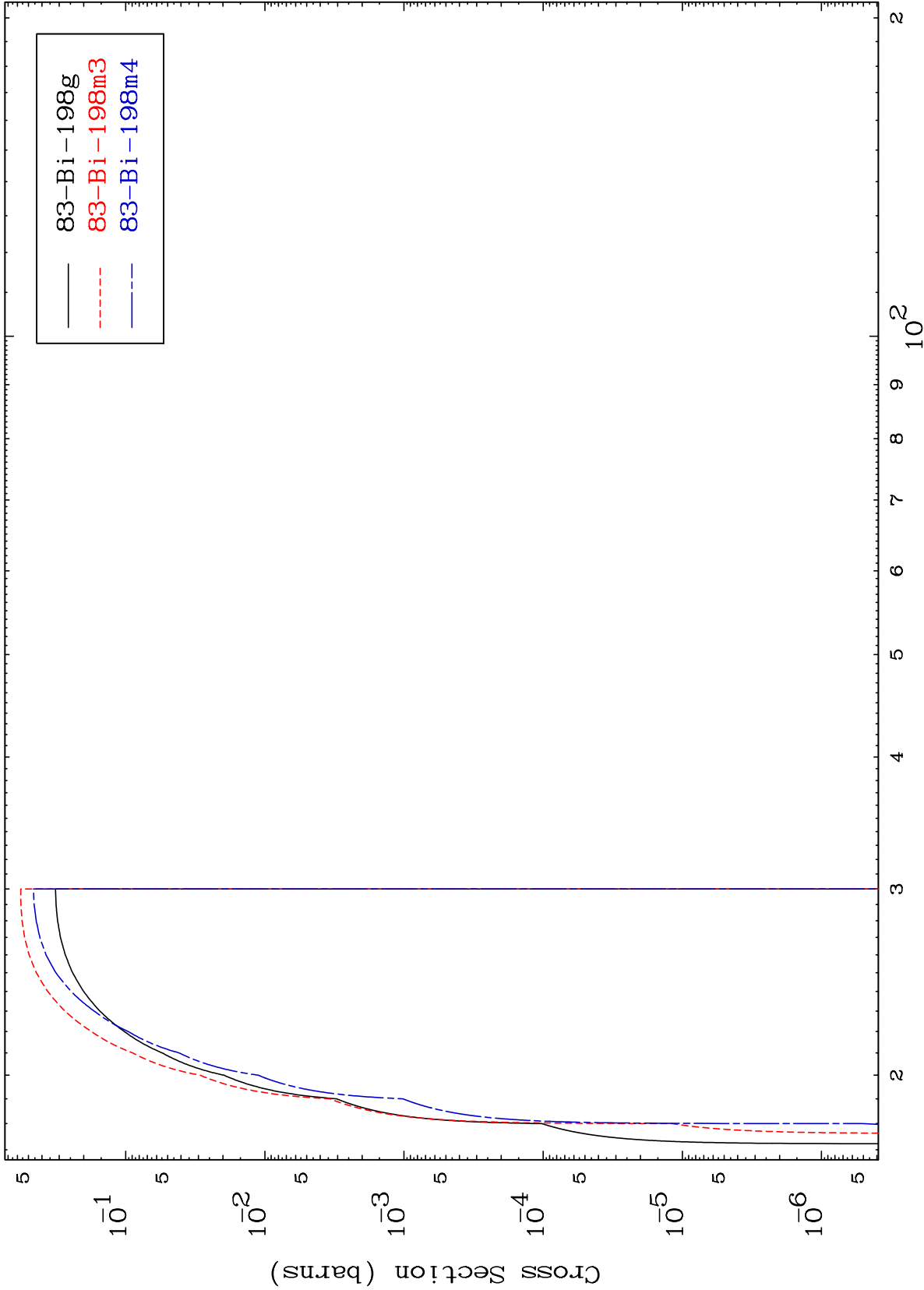


97

Incident Energy (MeV)

83-Bi-200

Radionuclide Production Cross Section



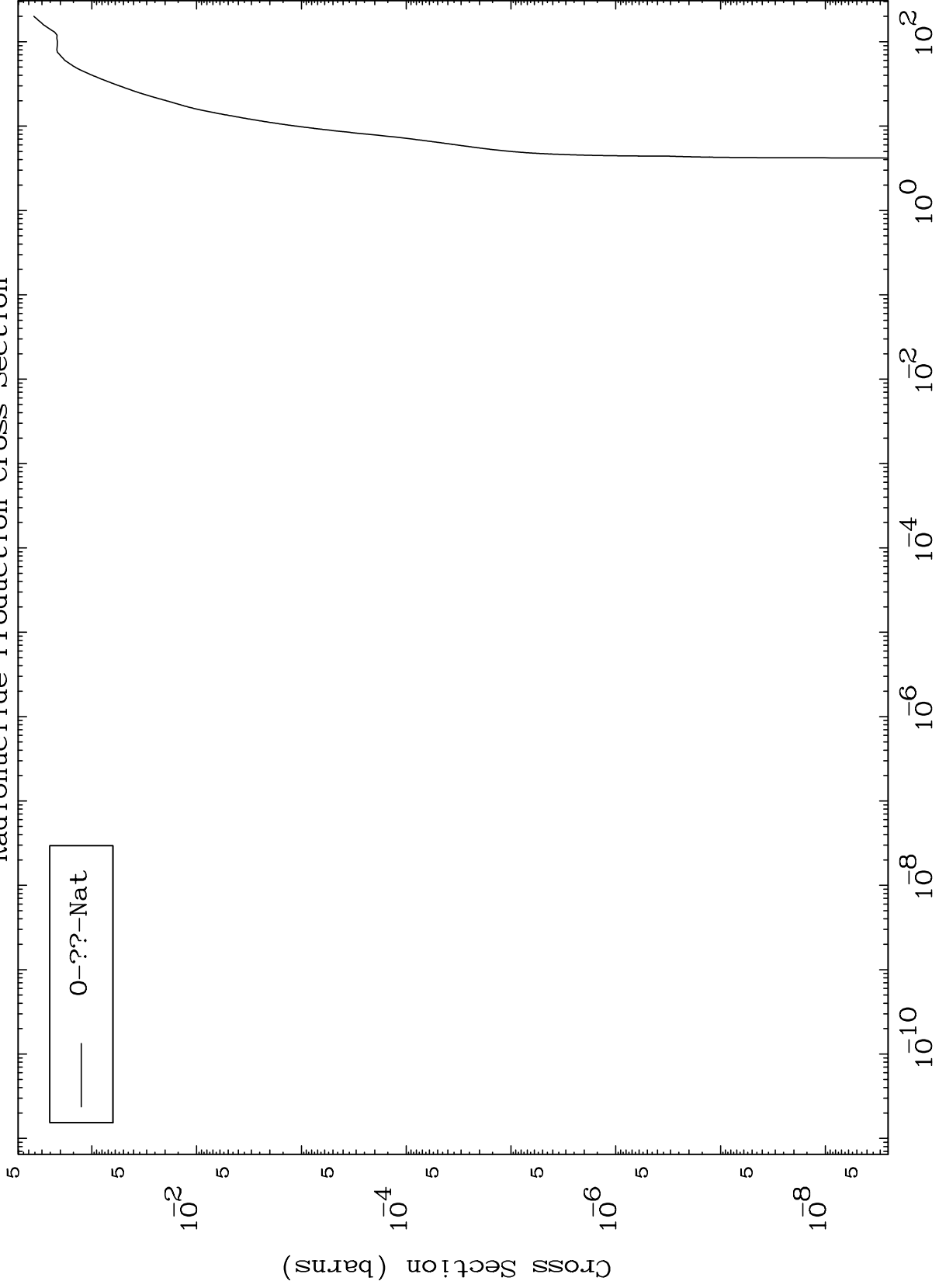
83-Bi-198g
83-Bi-198m3
83-Bi-198m4

MAT 8298

Fission

83-Bi-200

Radionuclide Production Cross Section



99

Incident Energy (MeV)

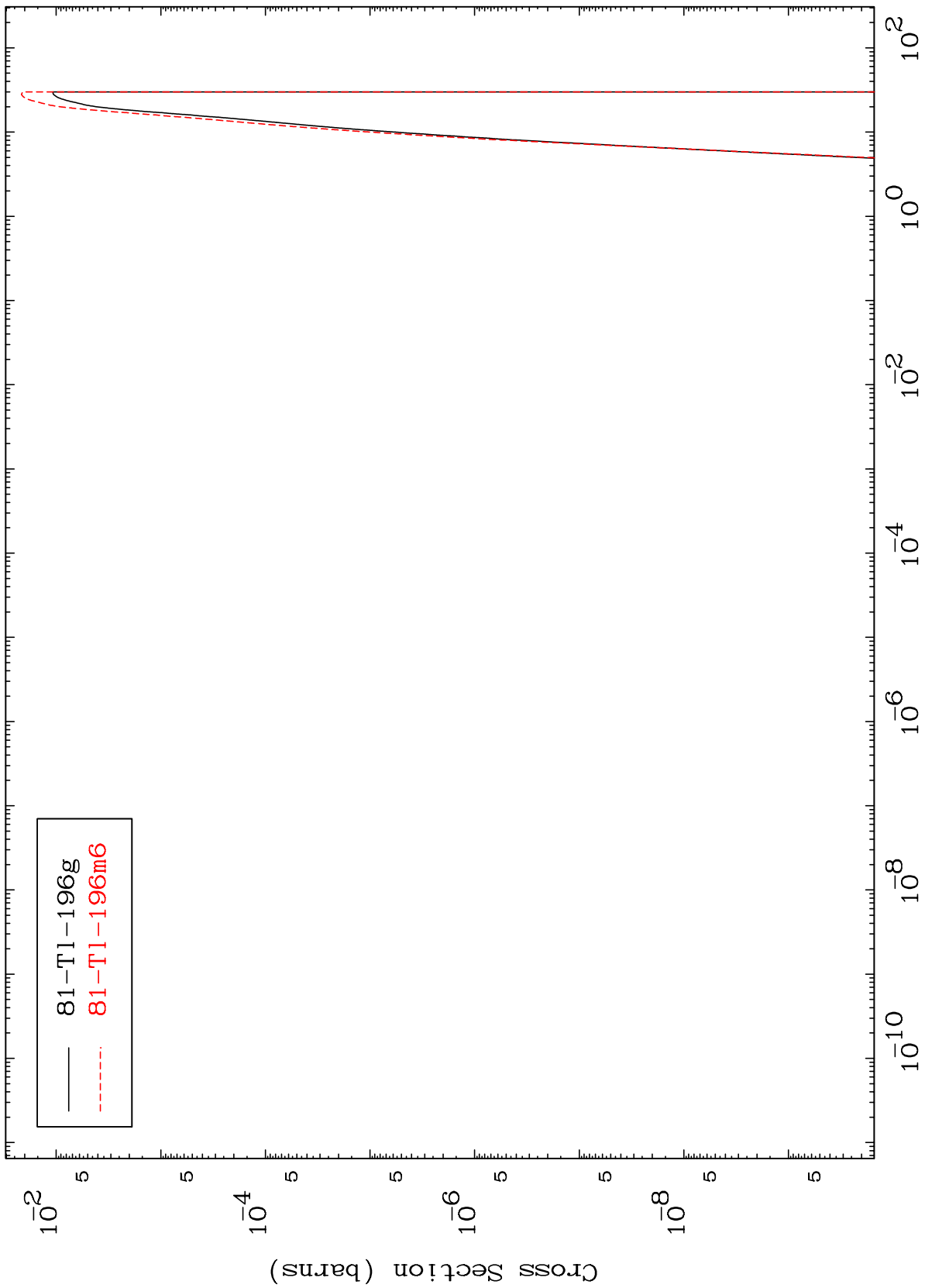
83-Bi-200

MAT 8298

$(n, n') \alpha$

83-Bi-200

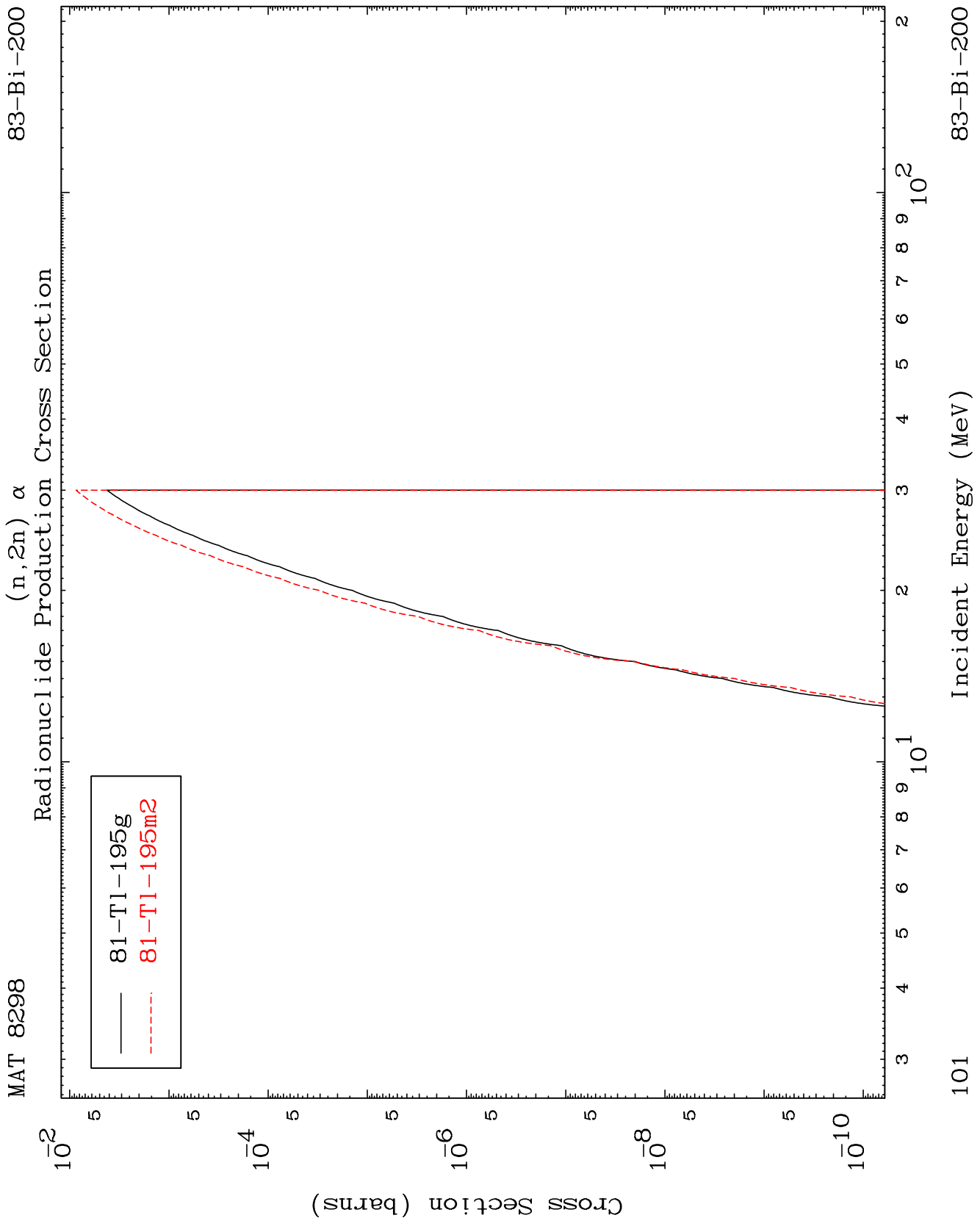
Radionuclide Production Cross Section



100

Incident Energy (MeV)

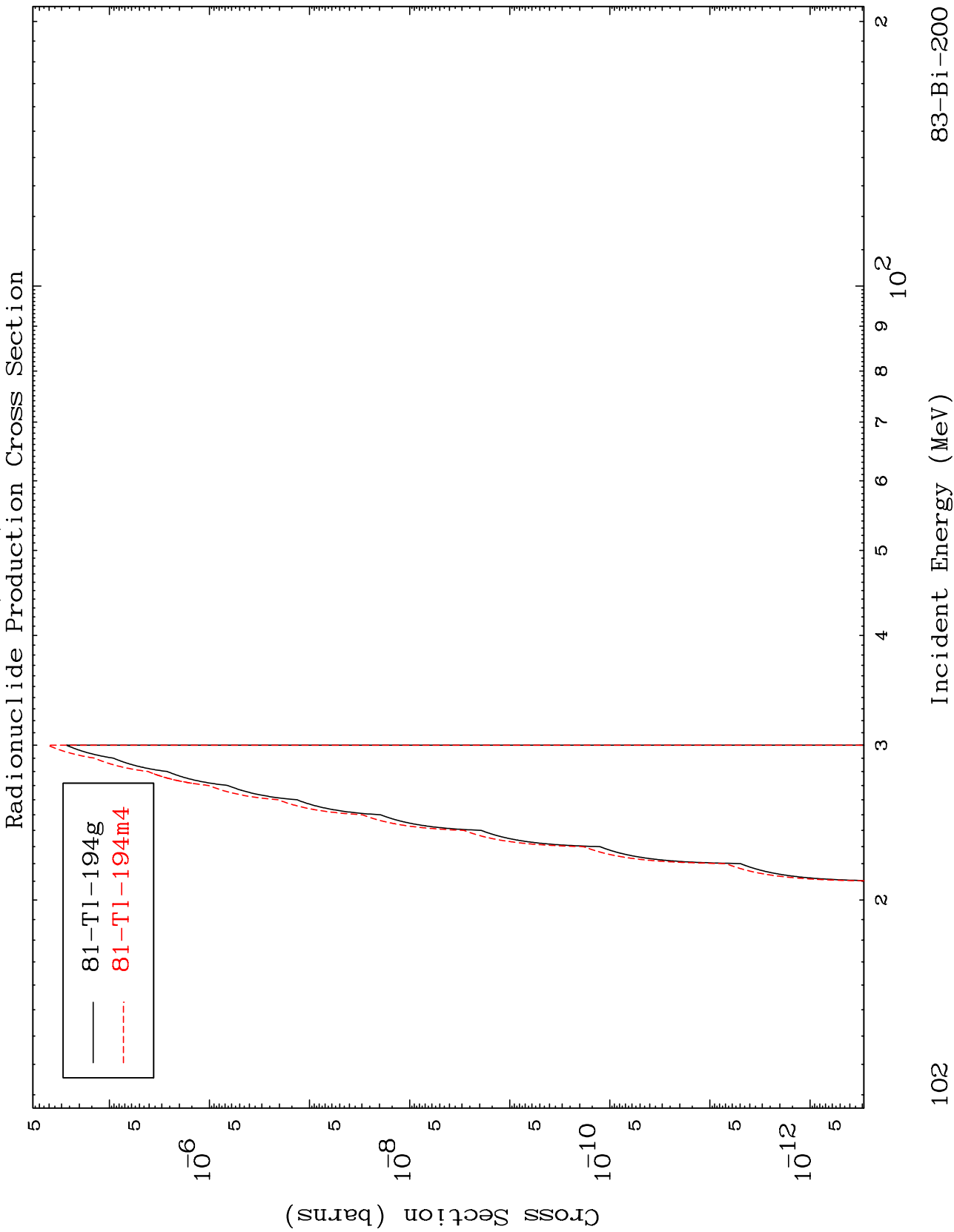
83-Bi-200



MAT 8298

$(n,3n) \alpha$

83-Bi-200



102

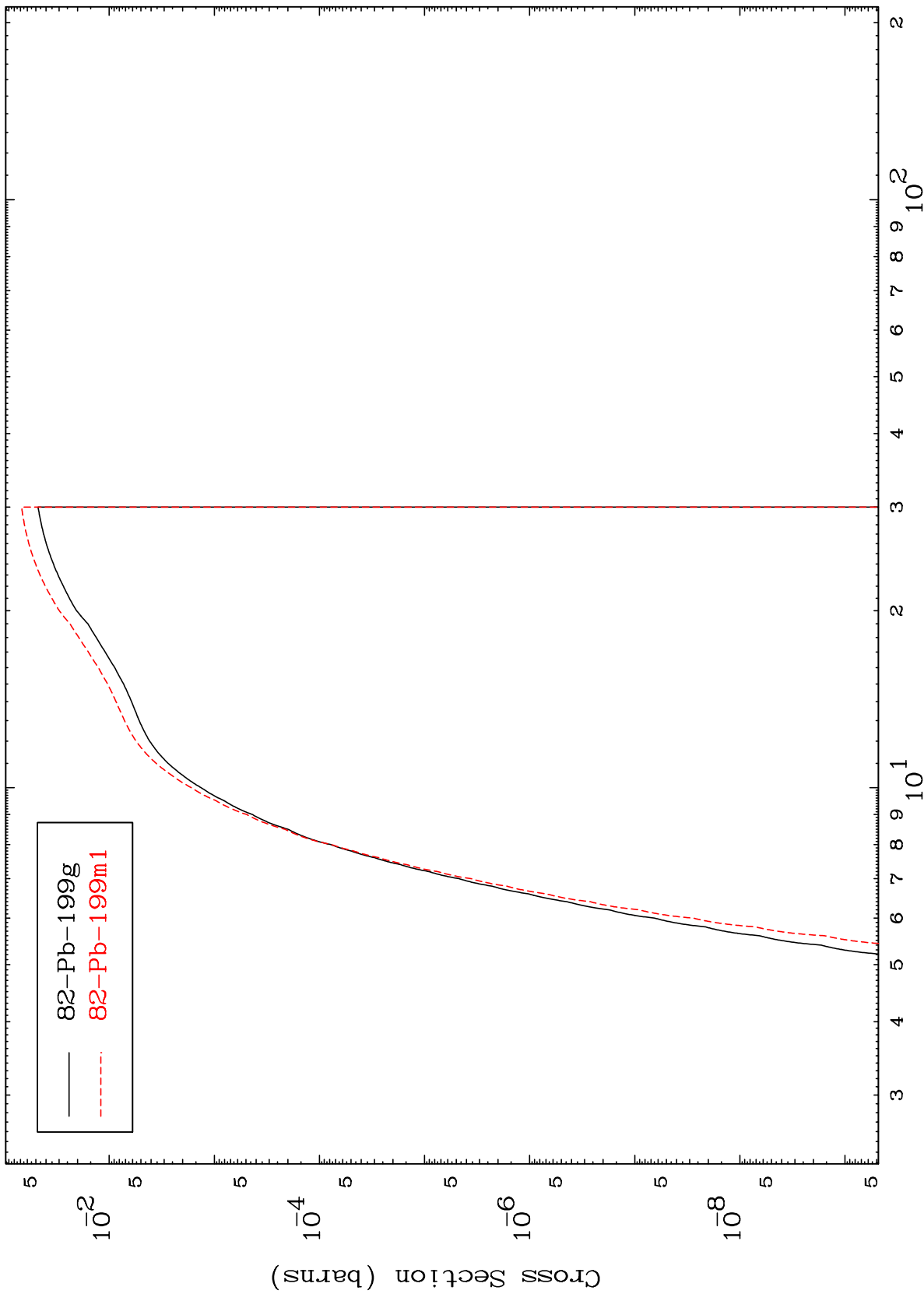
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

(n,n') p
Radionuclide Production Cross Section



103

Incident Energy (MeV)

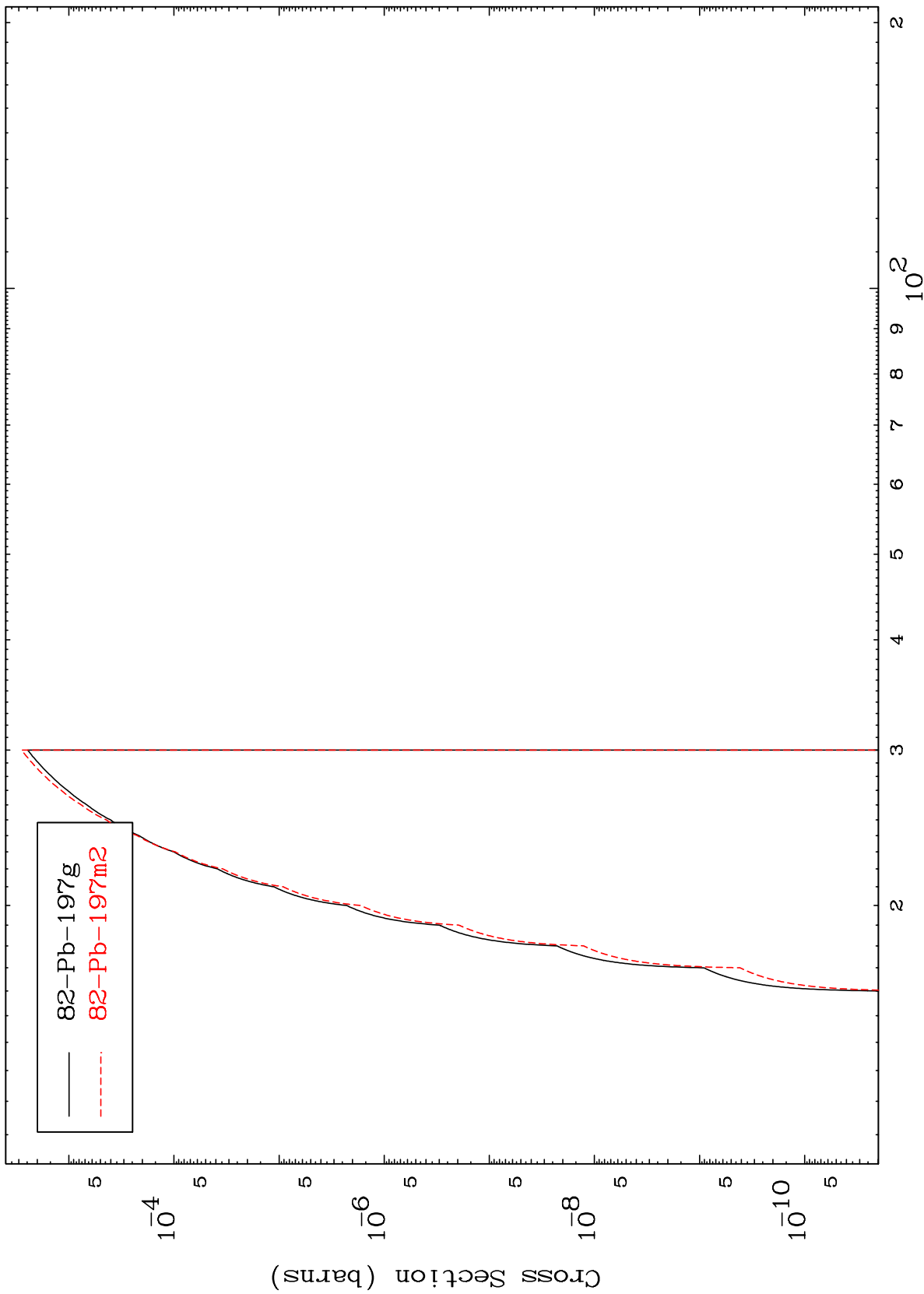
83-Bi-200

MAT 8298

(n,n') t

83-Bi-200

Radionuclide Production Cross Section



104

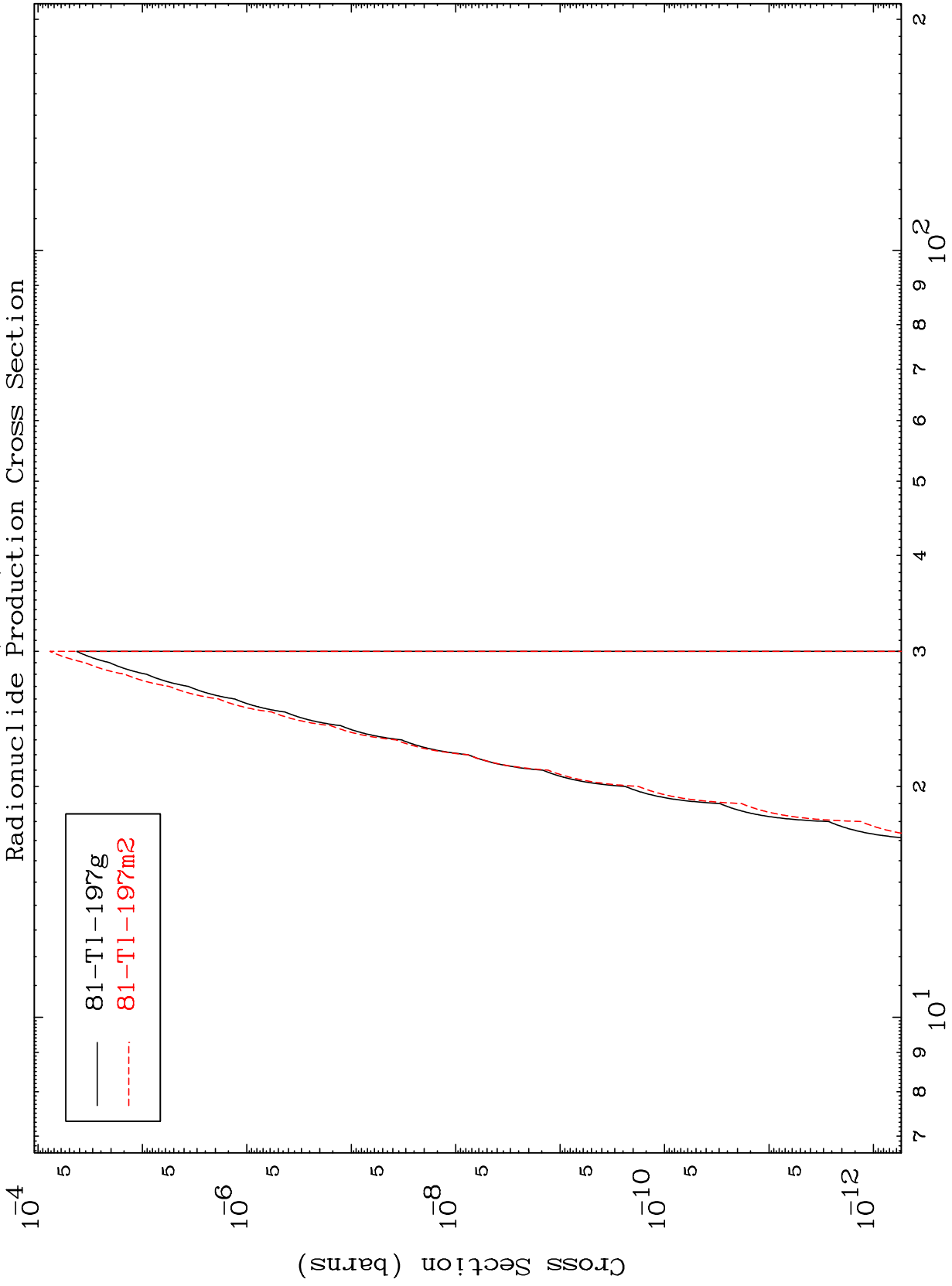
Incident Energy (MeV)

83-Bi-200

MAT 8298

(n,n') He-3

83-Bi-200

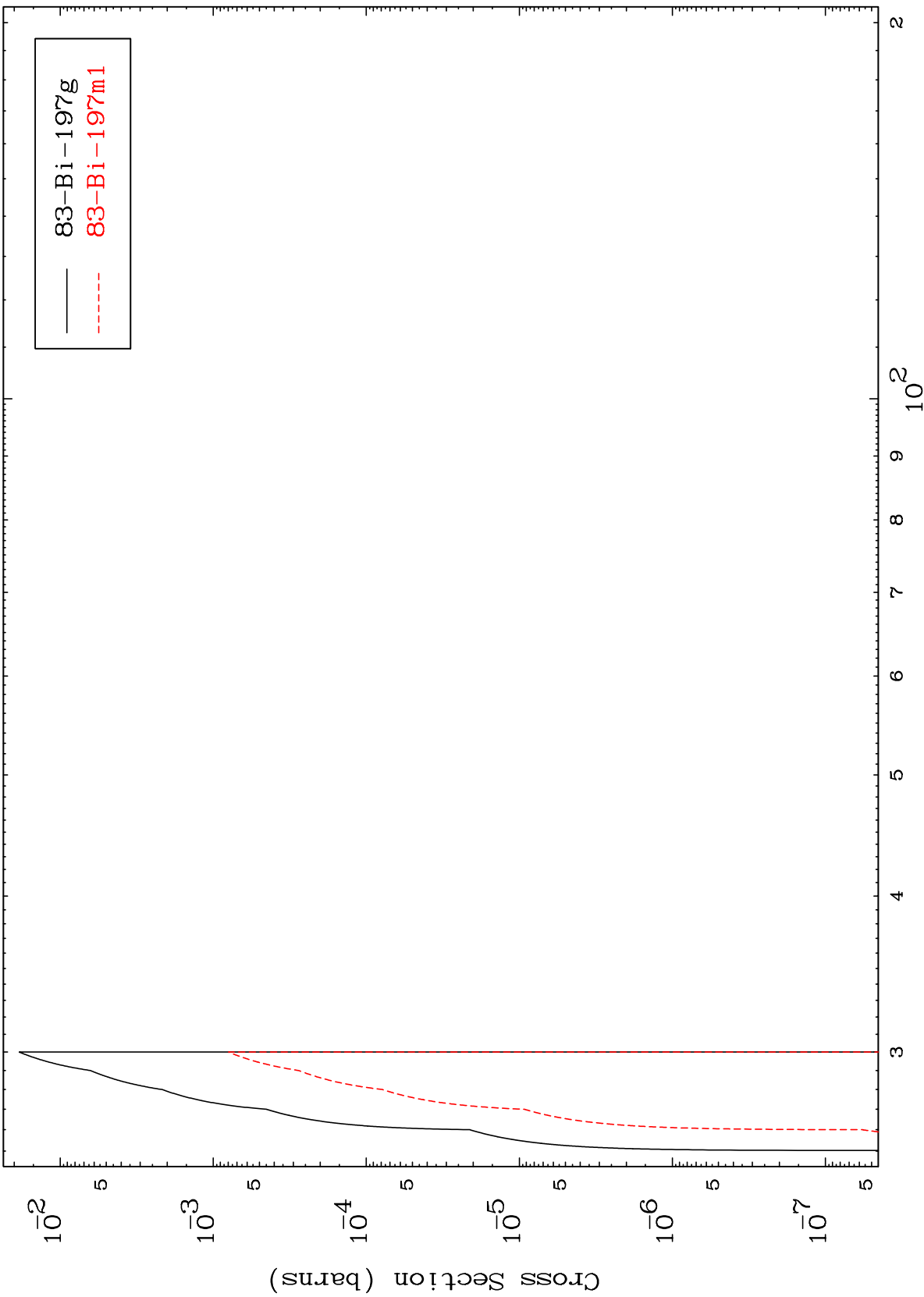


105

Incident Energy (MeV)

83-Bi-200

(n,4n)
Radionuclide Production Cross Section



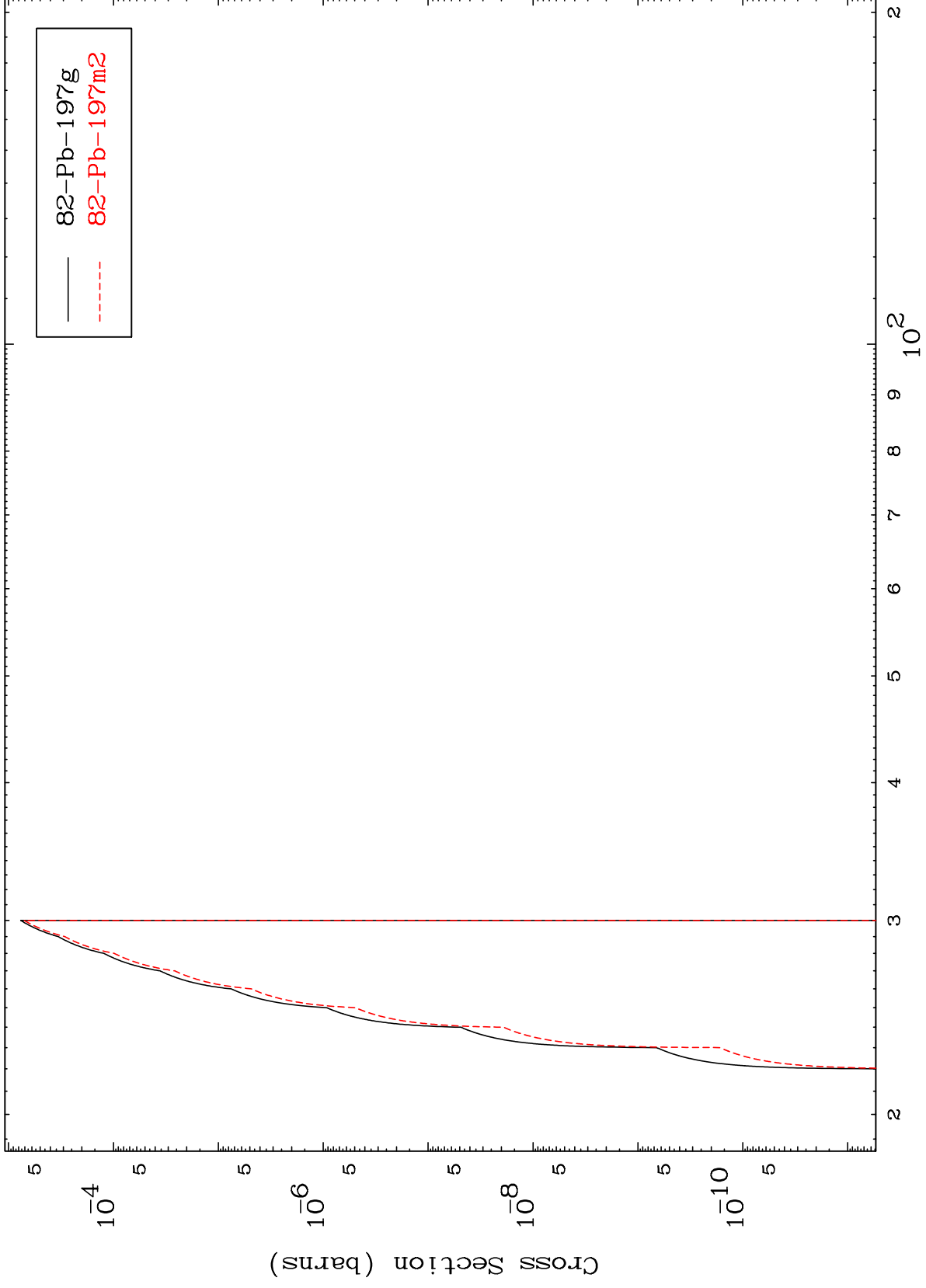
83-Bi-197g
83-Bi-197m1

MAT 8298

(n,3n) p

83-Bi-200

Radionuclide Production Cross Section



107

Incident Energy (MeV)

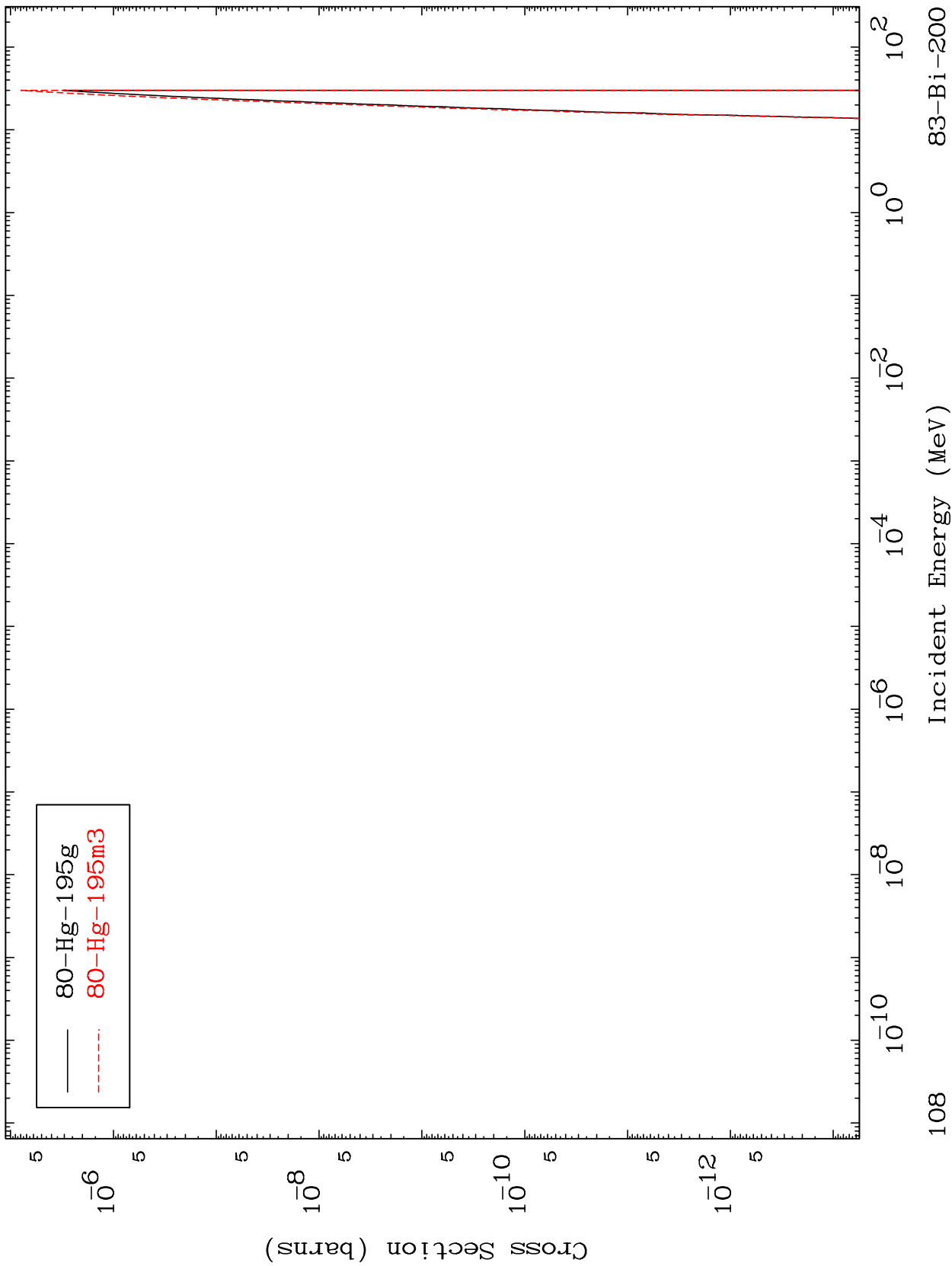
83-Bi-200

MAT 8298

(n,n') p α

83-Bi-200

Radionuclide Production Cross Section



108

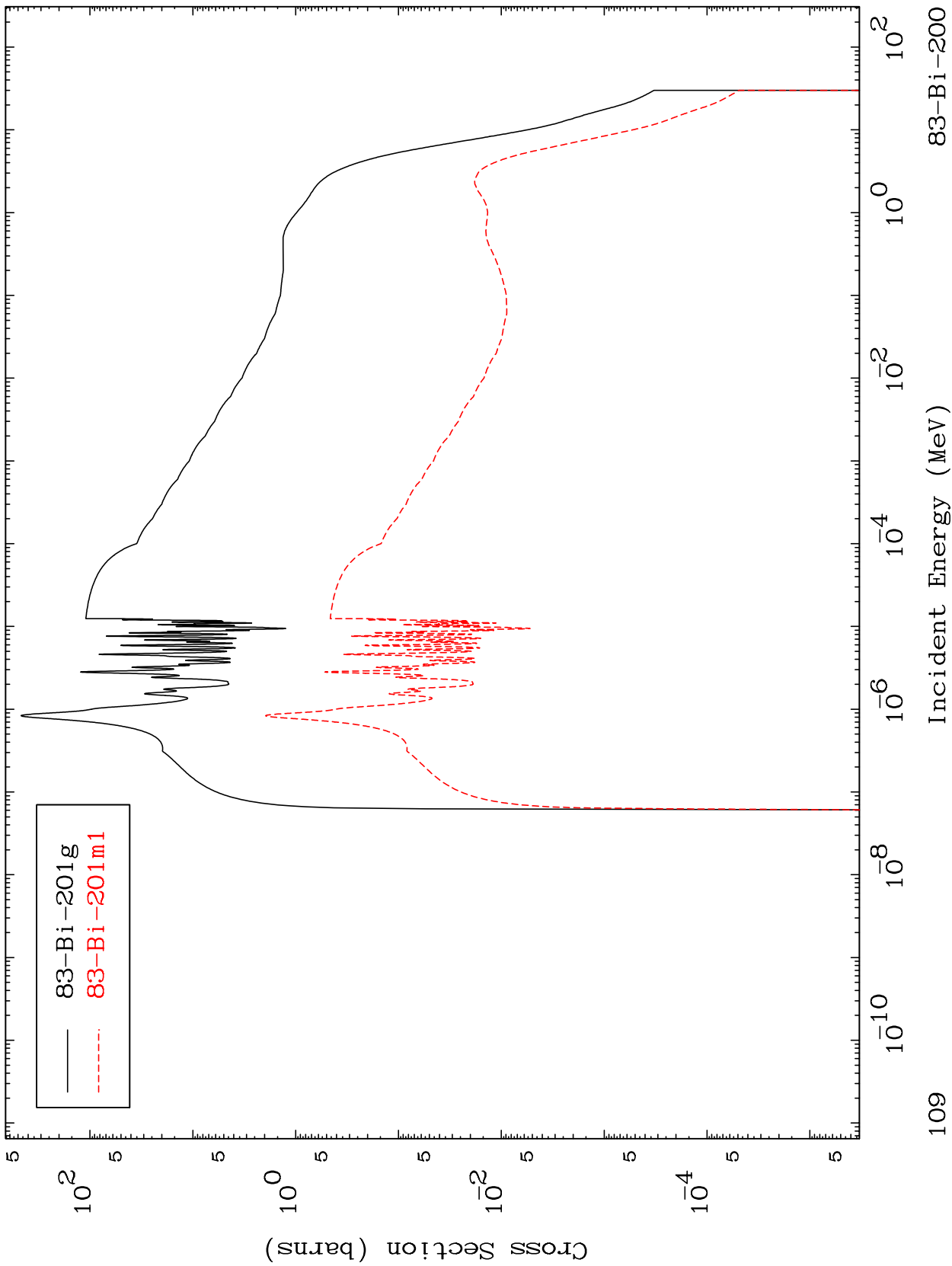
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

Radionuclide Production Cross Section
(n,γ)



109

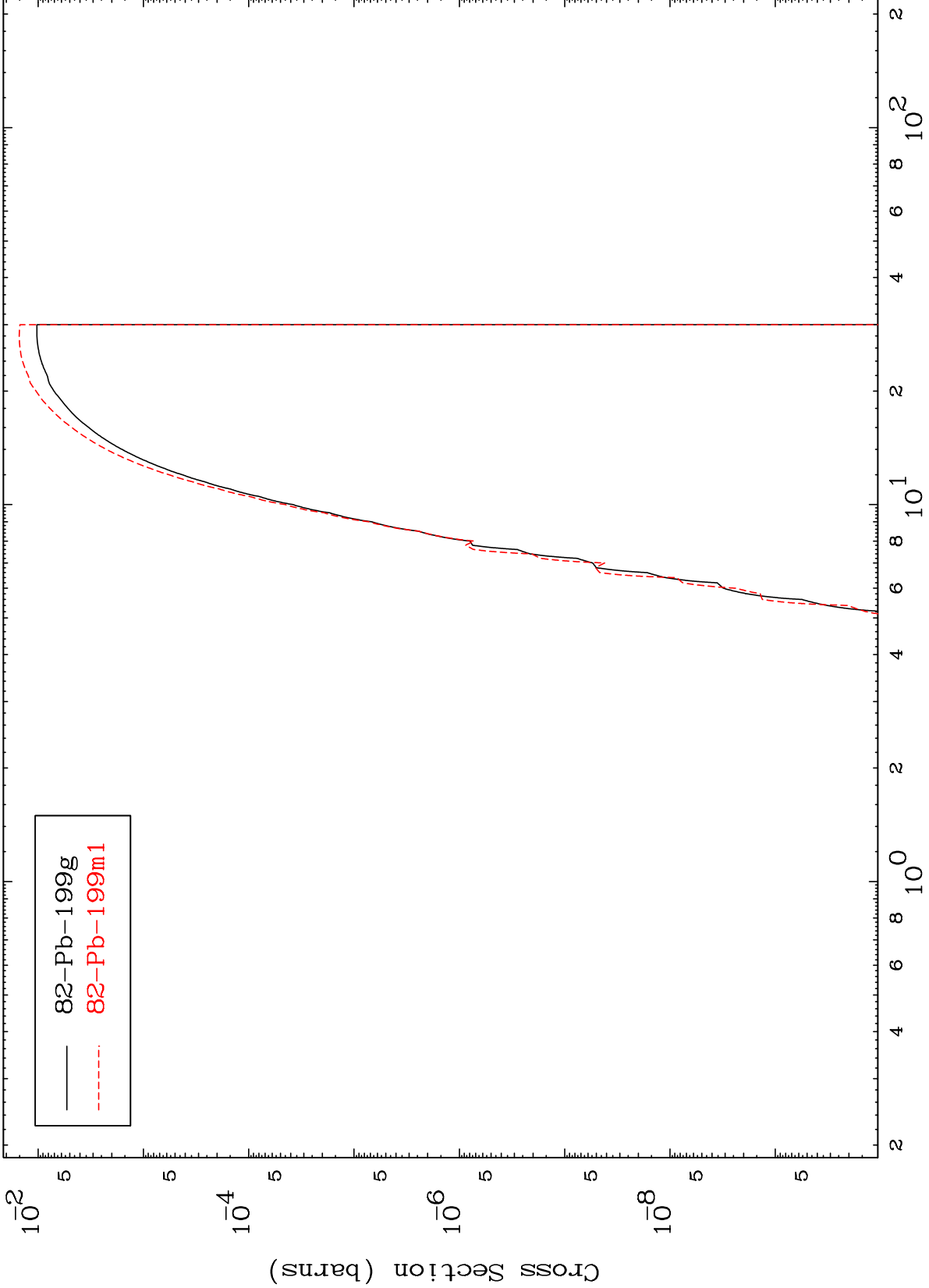
83-Bi-200

MAT 8298

(n,d)

83-Bi-200

Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

Incident Energy (MeV)

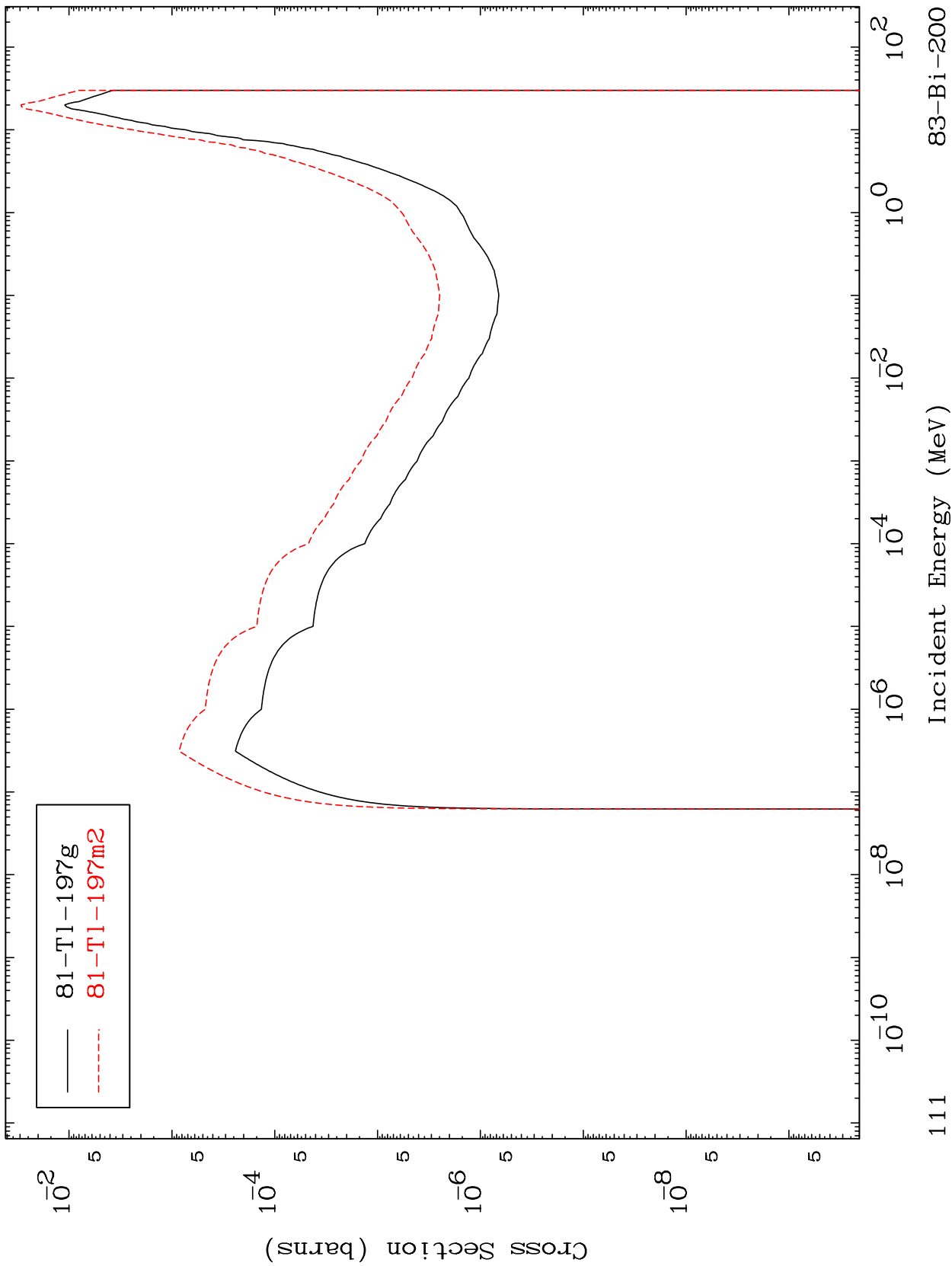
83-Bi-200

110

MAT 8298

⁸³Bi-200

(n,α)
Radionuclide Production Cross Section

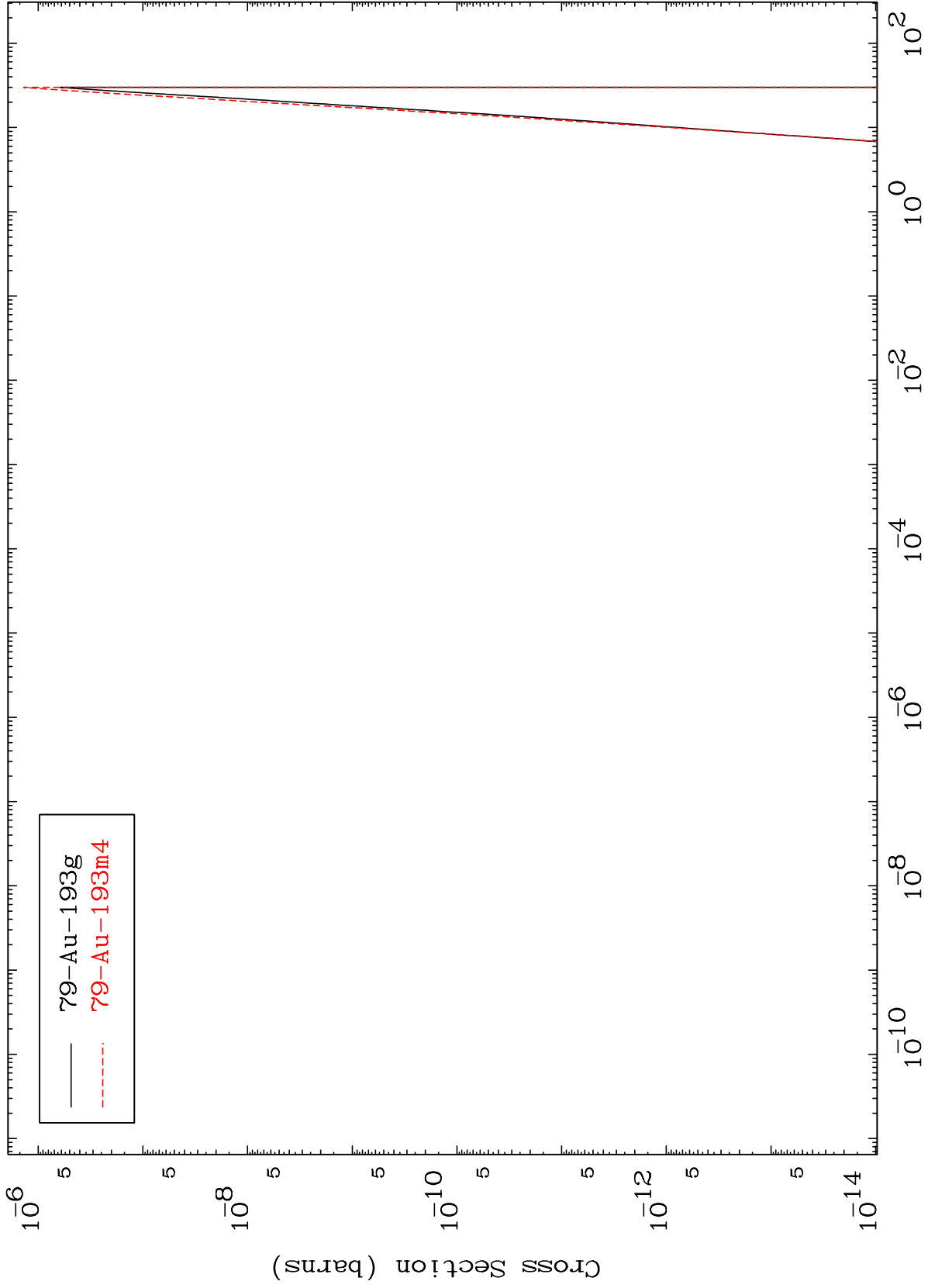


MAT 8298

(n,2α)

83-Bi-200

Radionuclide Production Cross Section



112

Incident Energy (MeV)

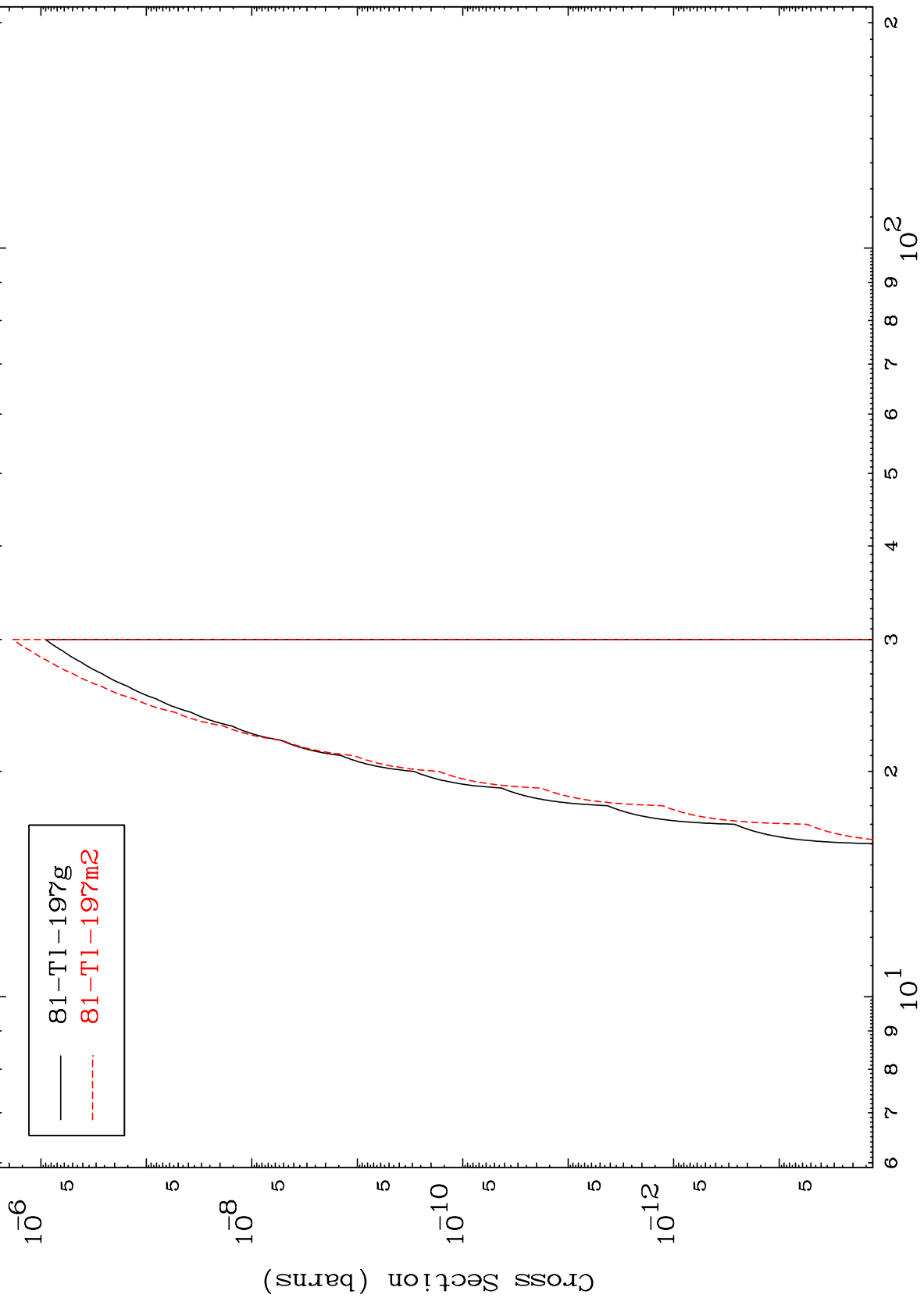
83-Bi-200

MAT 8298

(n,p) t

83-Bi-200

Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2

113

Incident Energy (MeV)

83-Bi-200

MAT 8298

(n,d) α

83-Bi-200

Radionuclide Production Cross Section

