

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

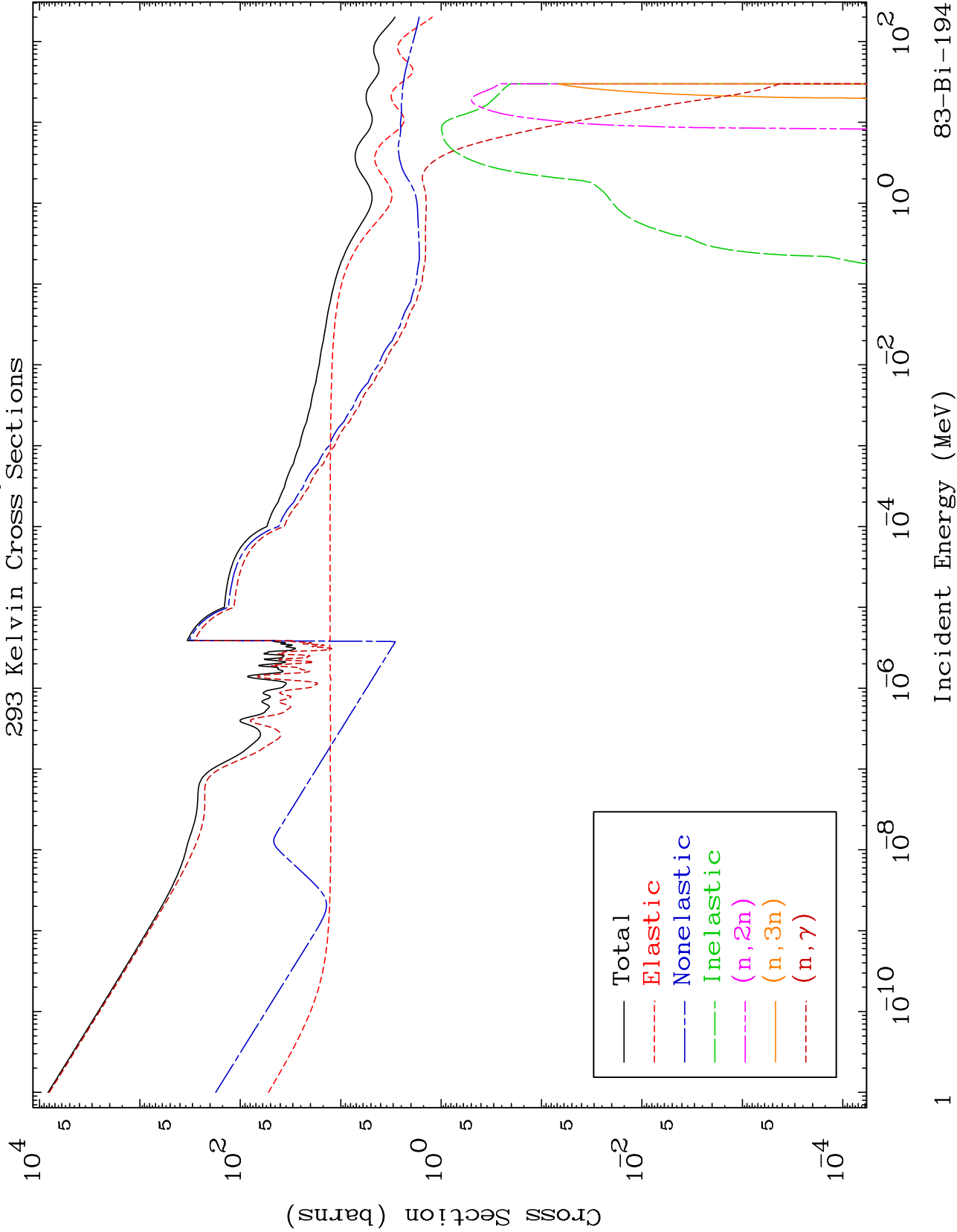
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Press Mouse Button to Start

MAT 8280

Neutron Major
293 Kelvin Cross Sections

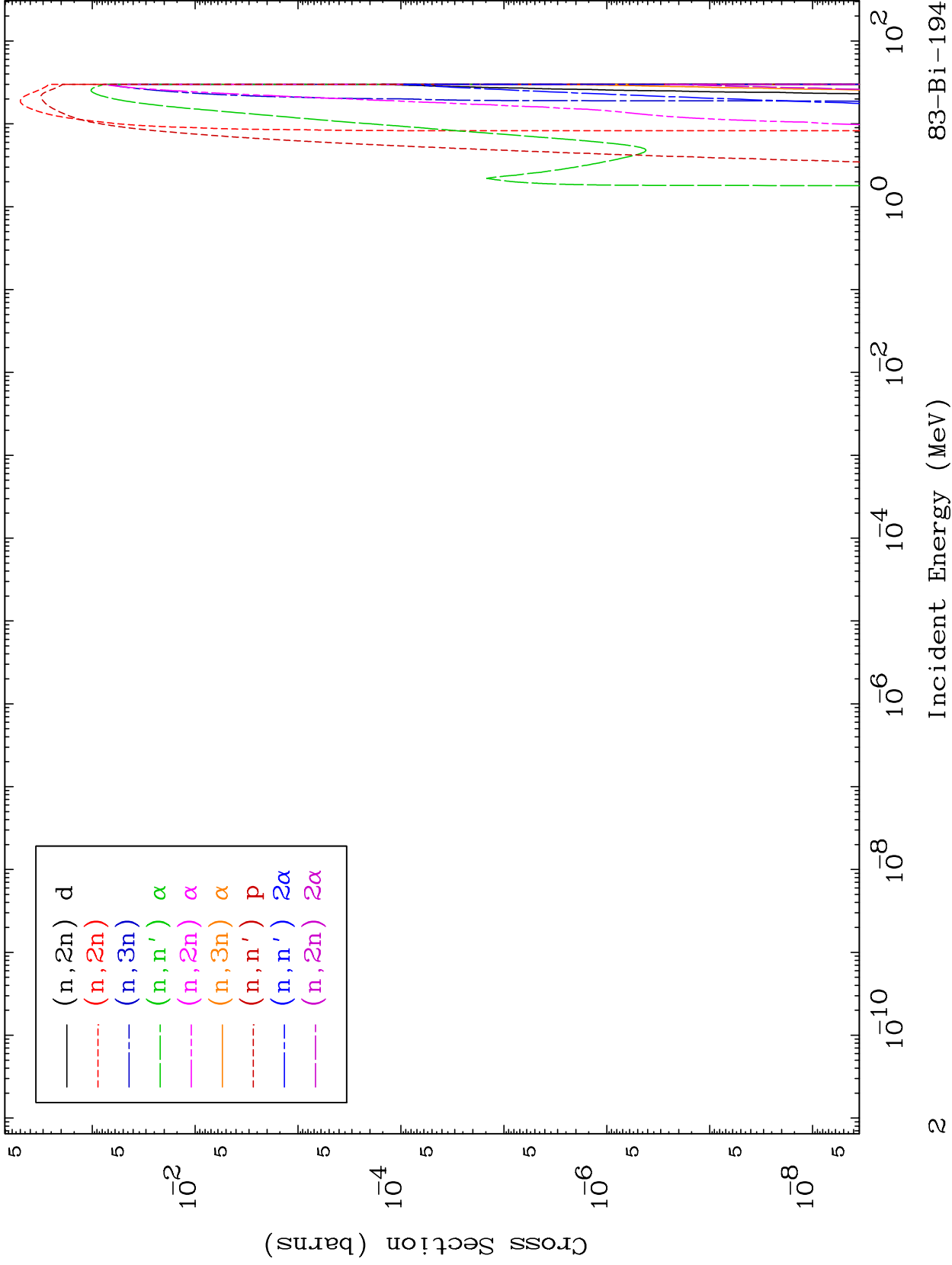
83-Bi-194



MAT 8280

Neutron Absorption
293 Kelvin Cross Sections

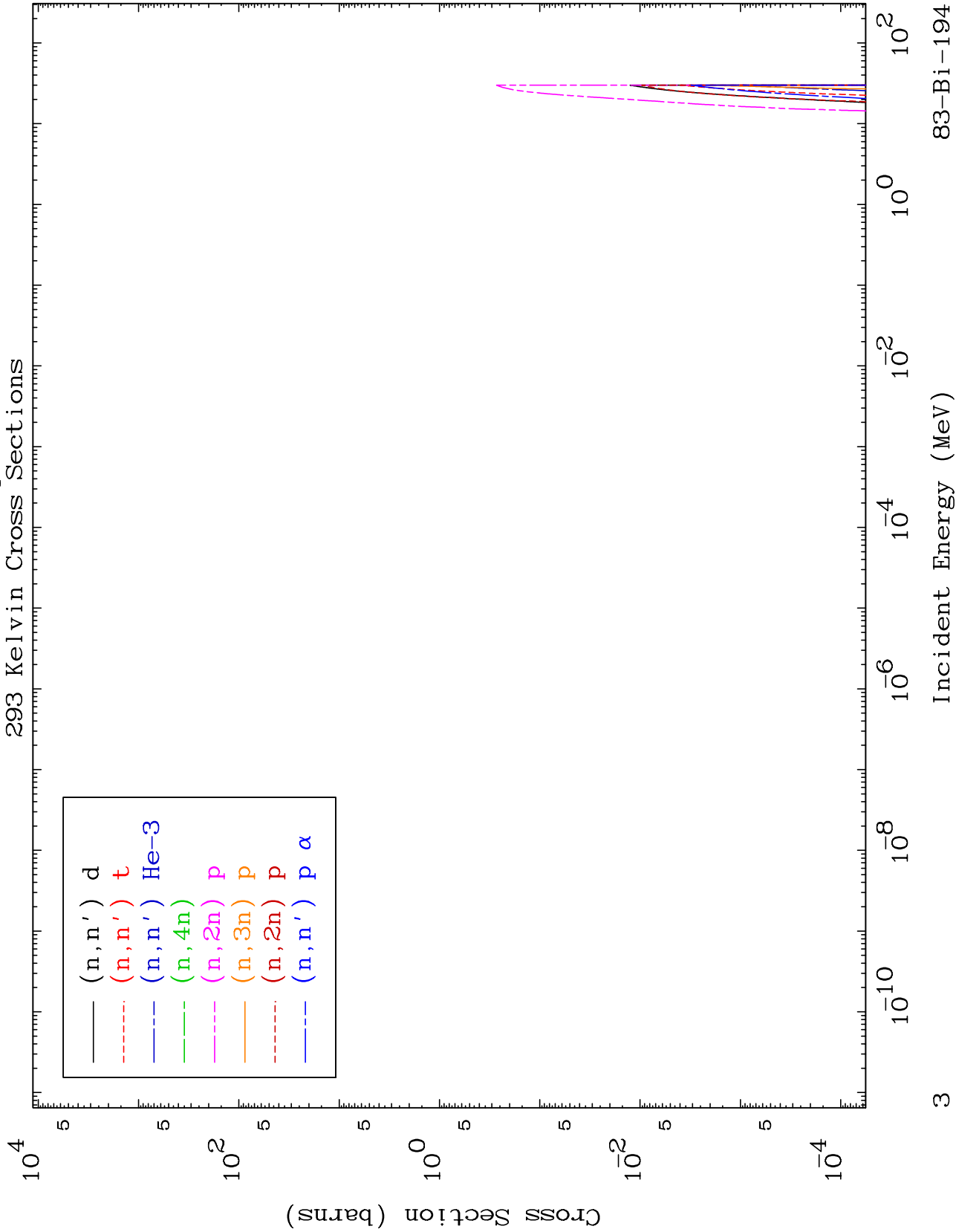
83-Bi-194



MAT 8280

Neutron Absorption
293 Kelvin Cross Sections

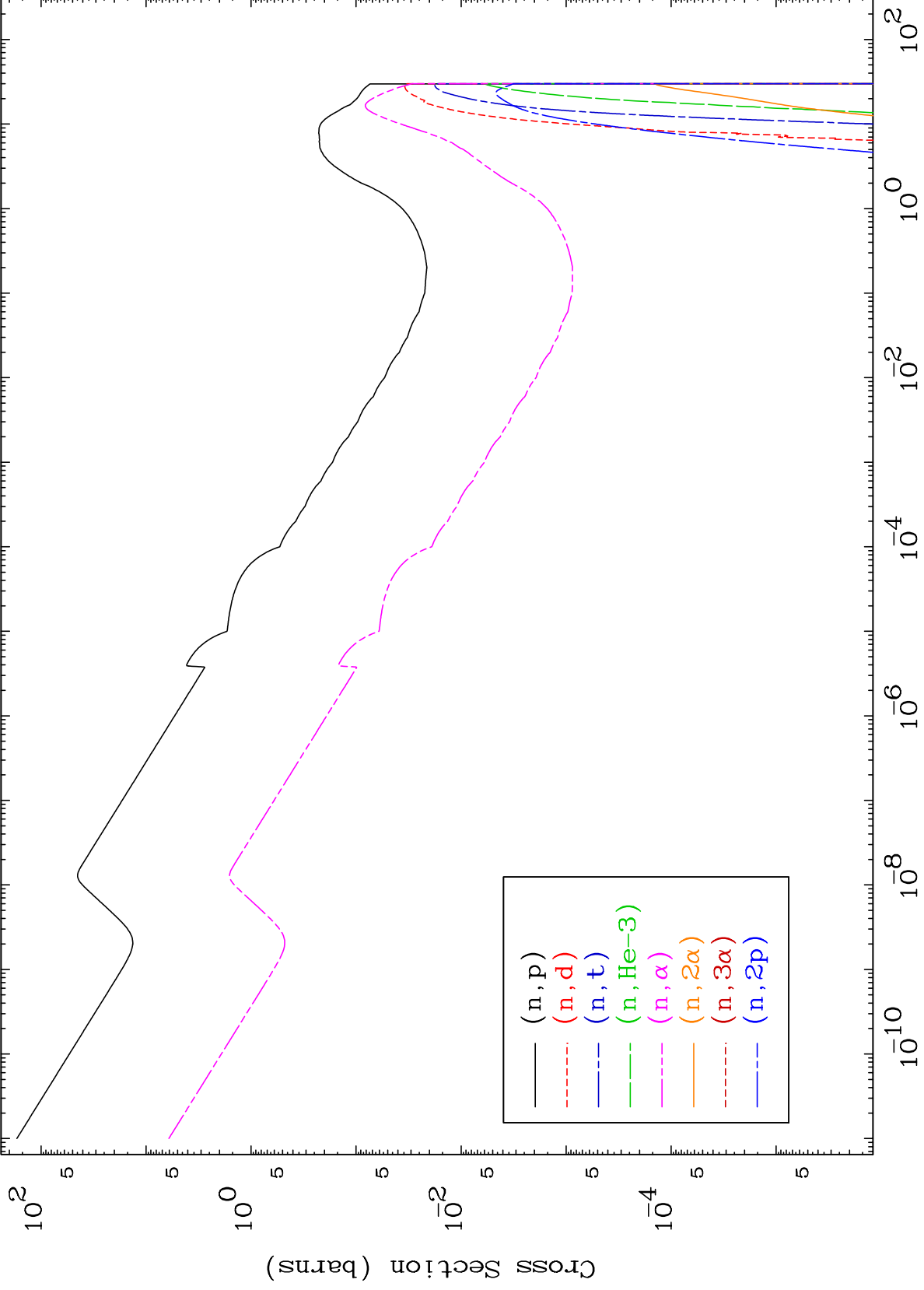
83-Bi-194

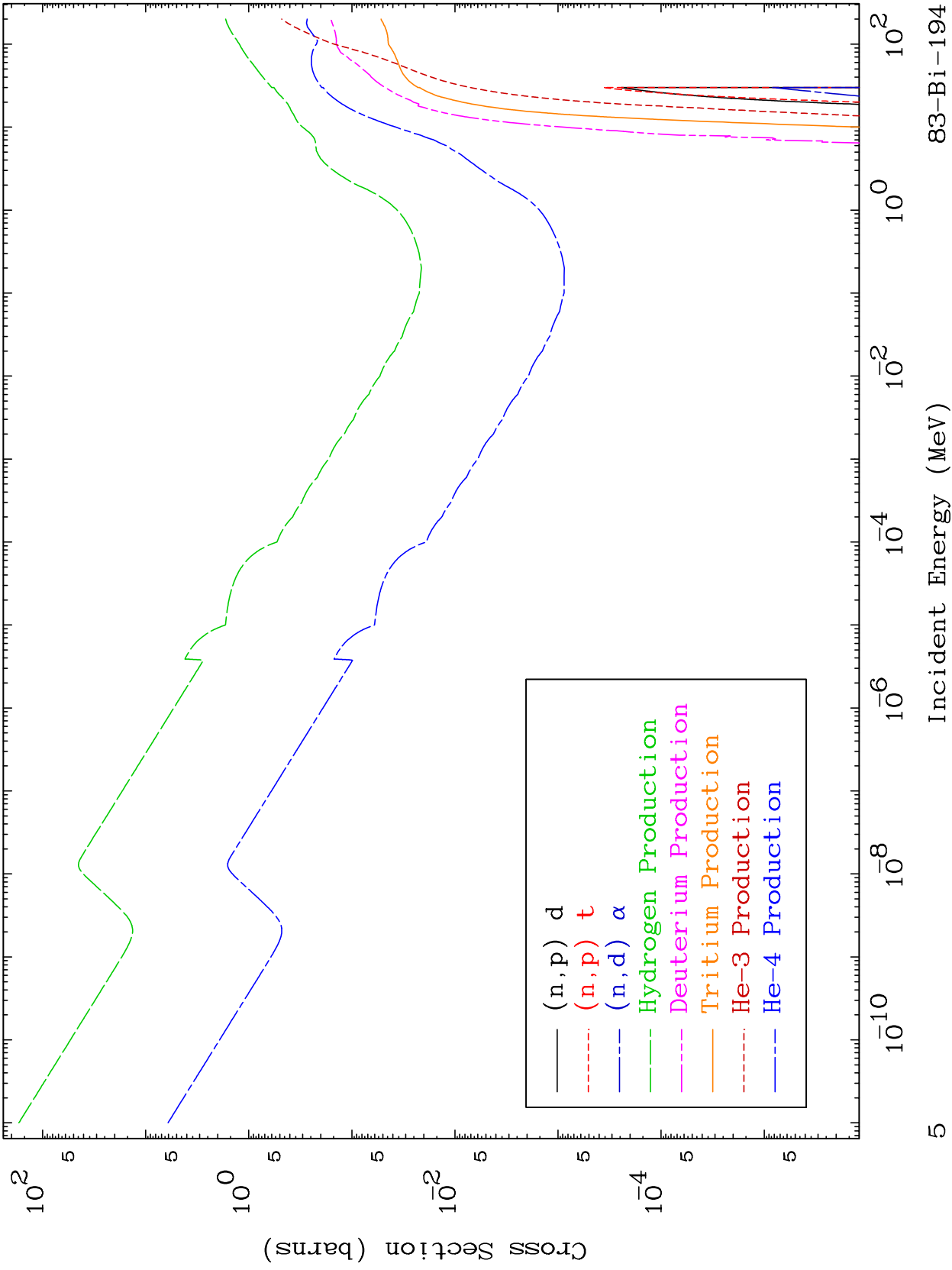


MAT 8280

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-194

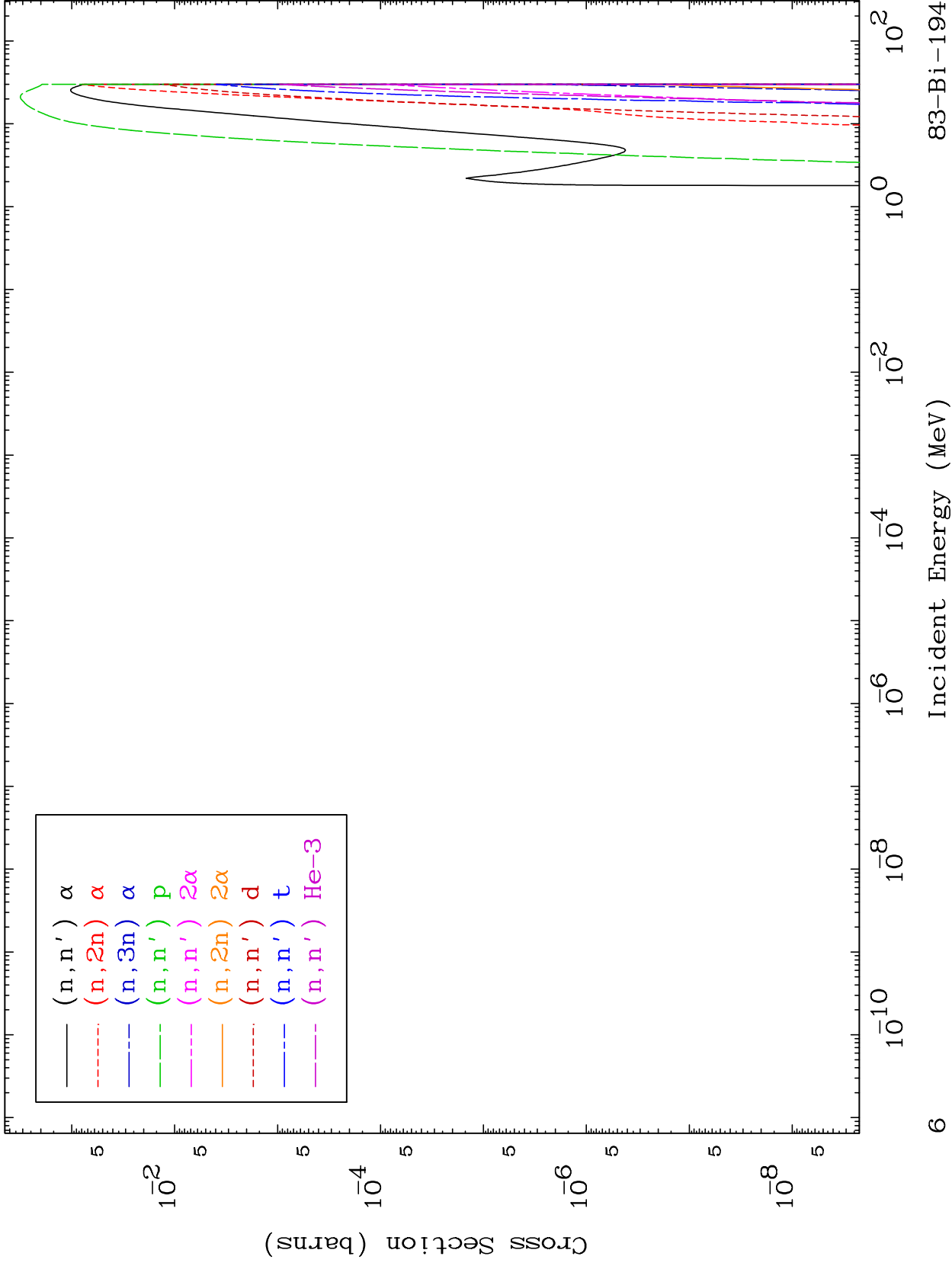




MAT 8280

Charged Particle
293 Kelvin Cross Sections

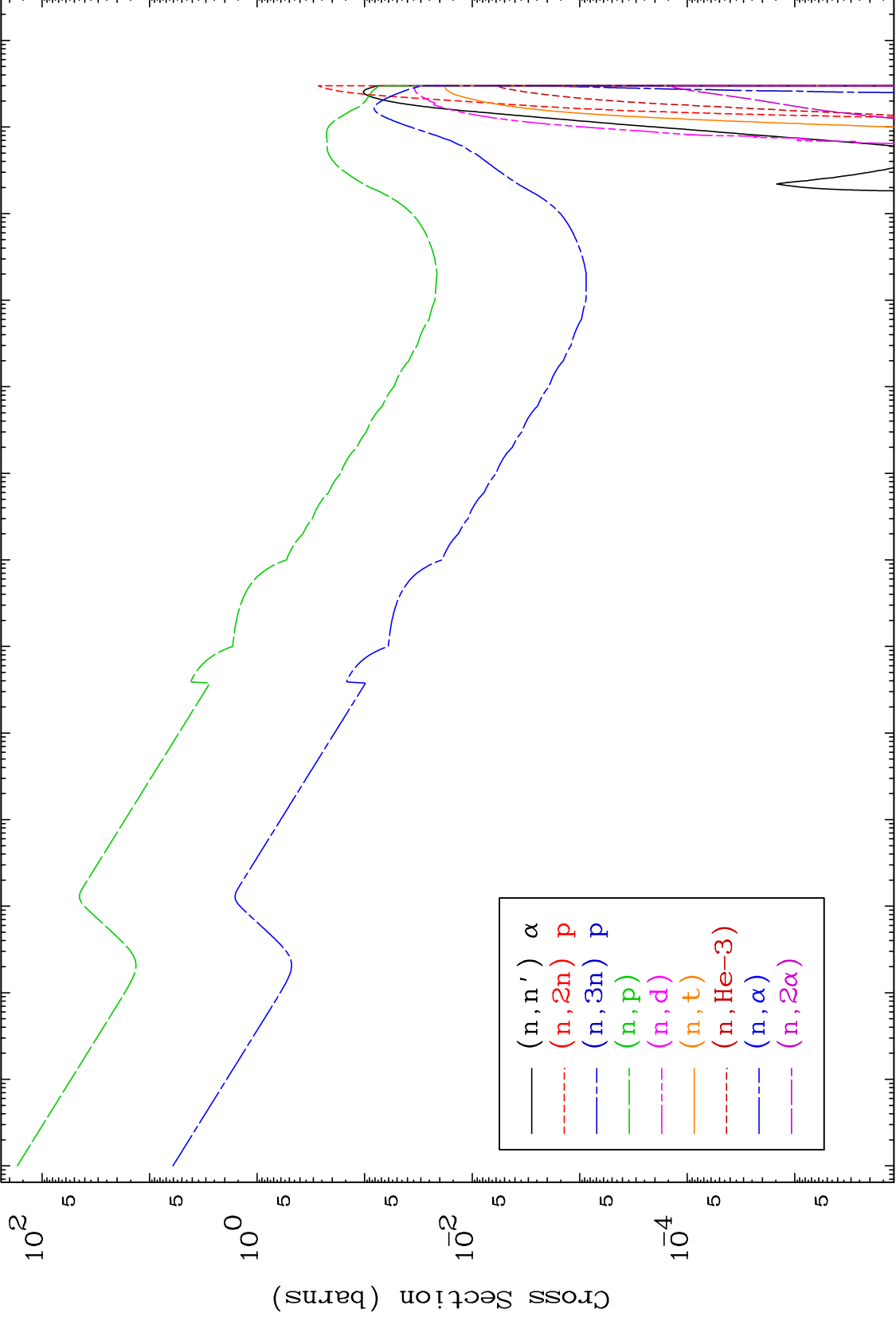
83-Bi-194



MAT 8280

Charged Particle
293 Kelvin Cross Sections

83-Bi-194



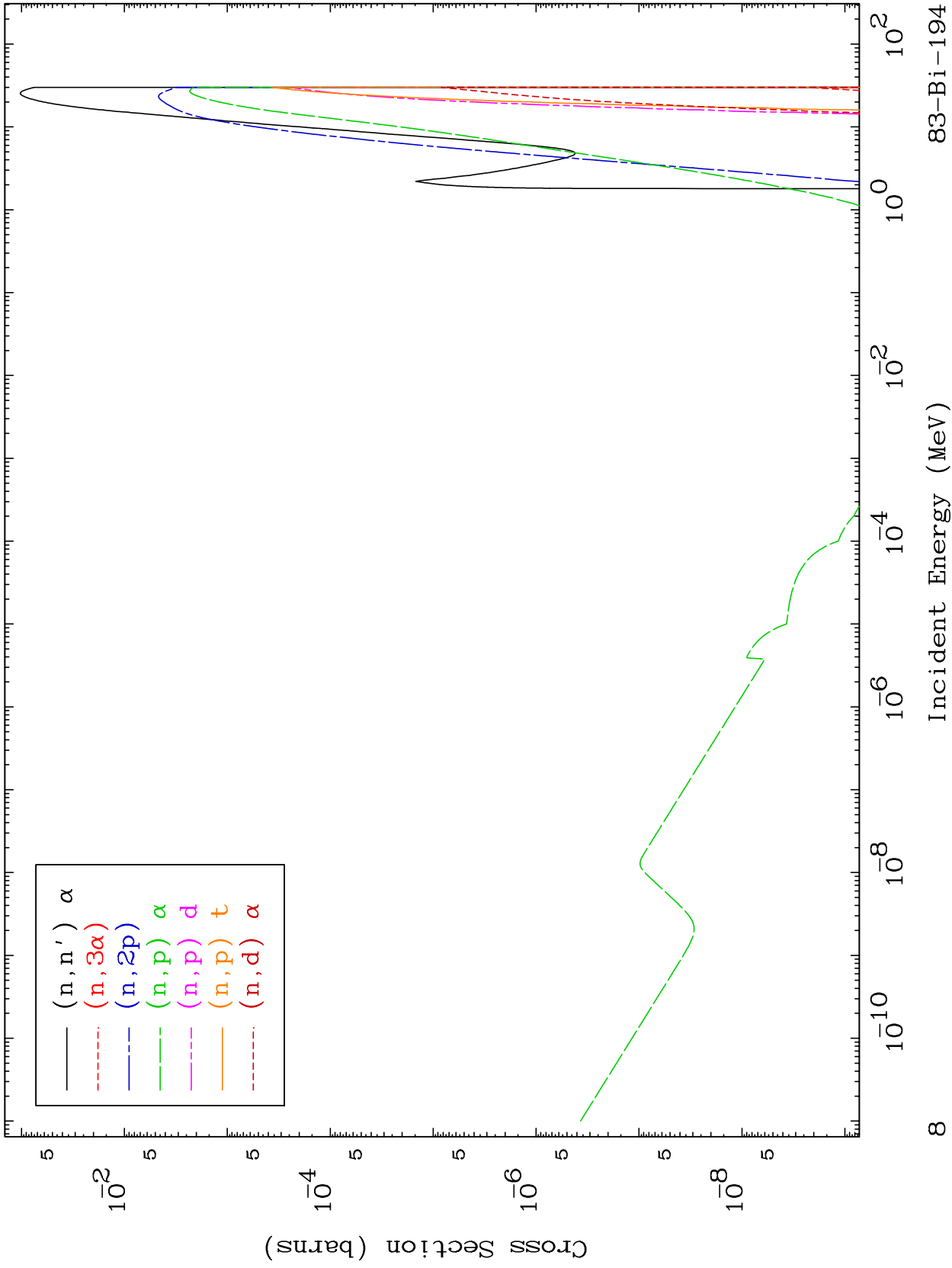
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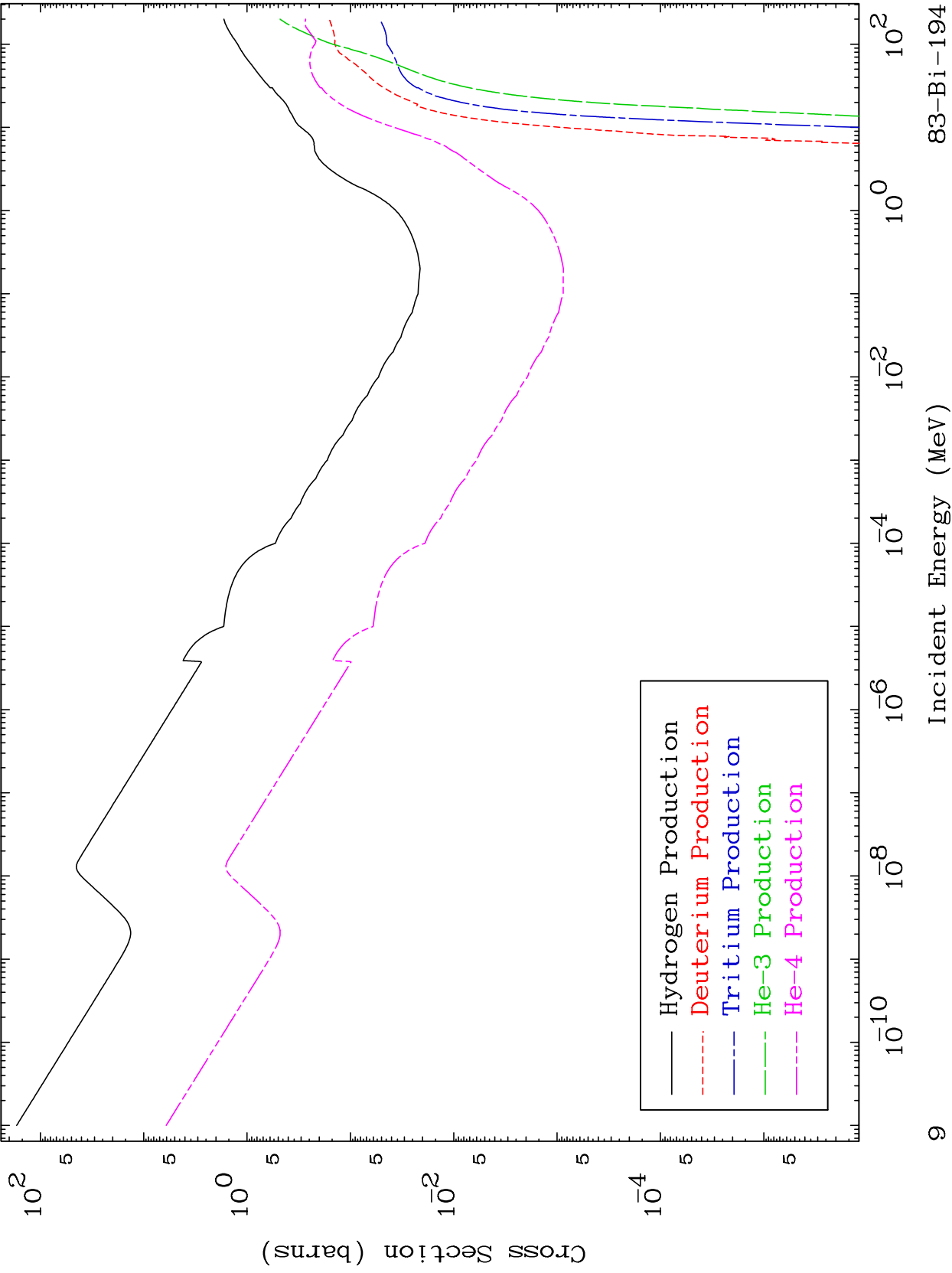
Incident Energy (MeV)

MAT 8280

Charged Particle
293 Kelvin Cross Sections

83-Bi-194

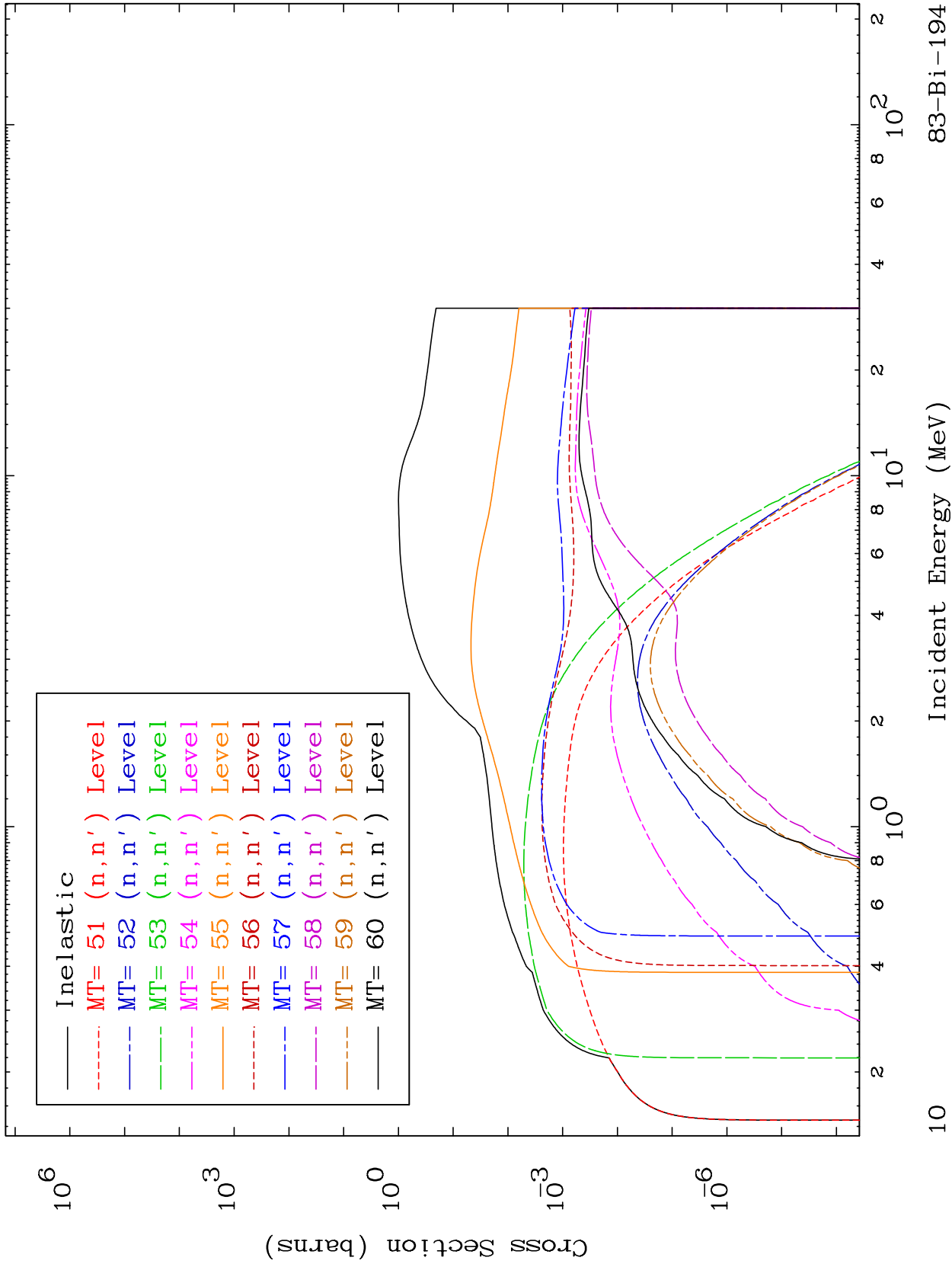




MAT 8280

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-194

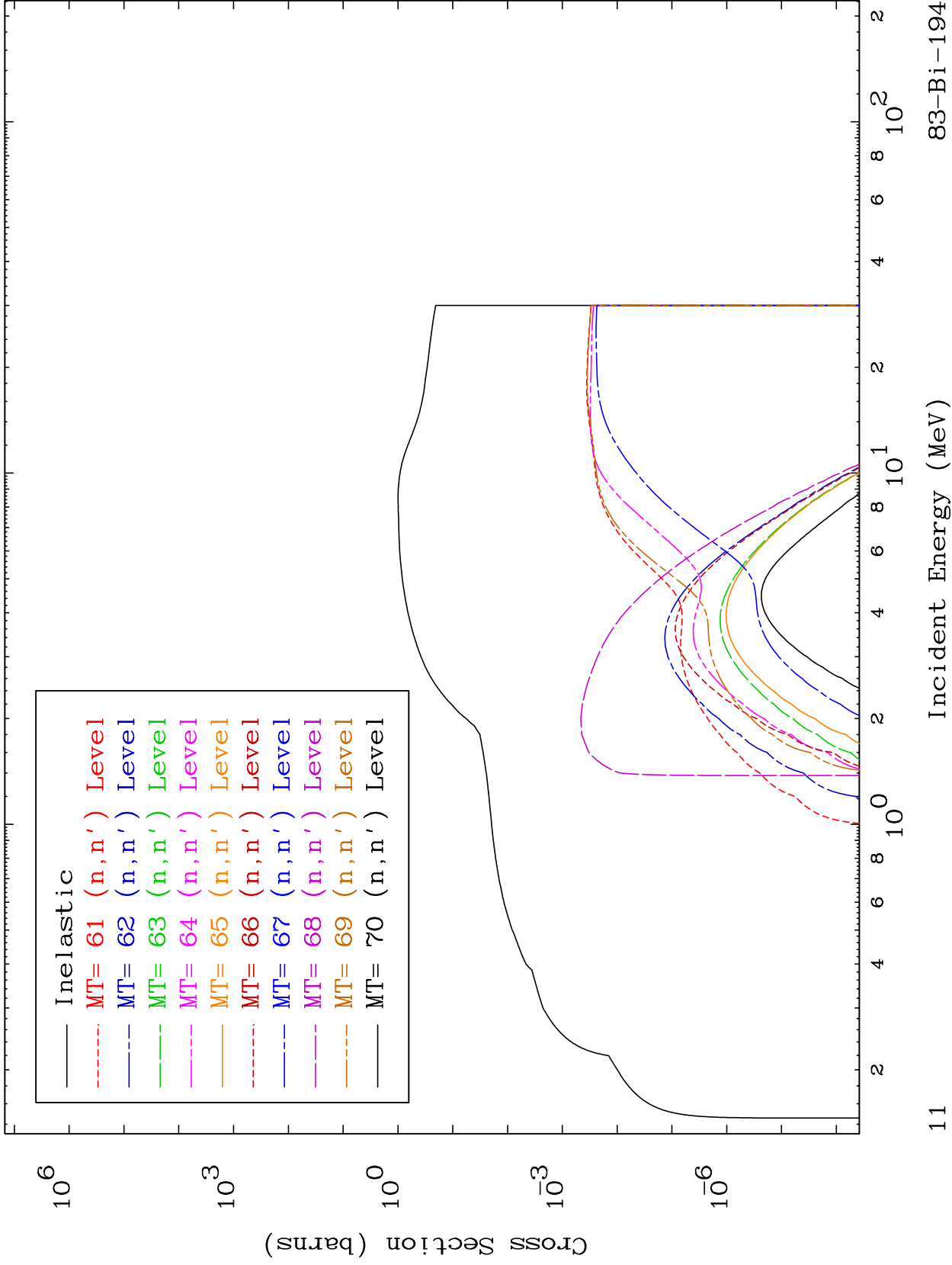


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MAT 8280

(n,n') Levels
293 Kelvin Cross Sections

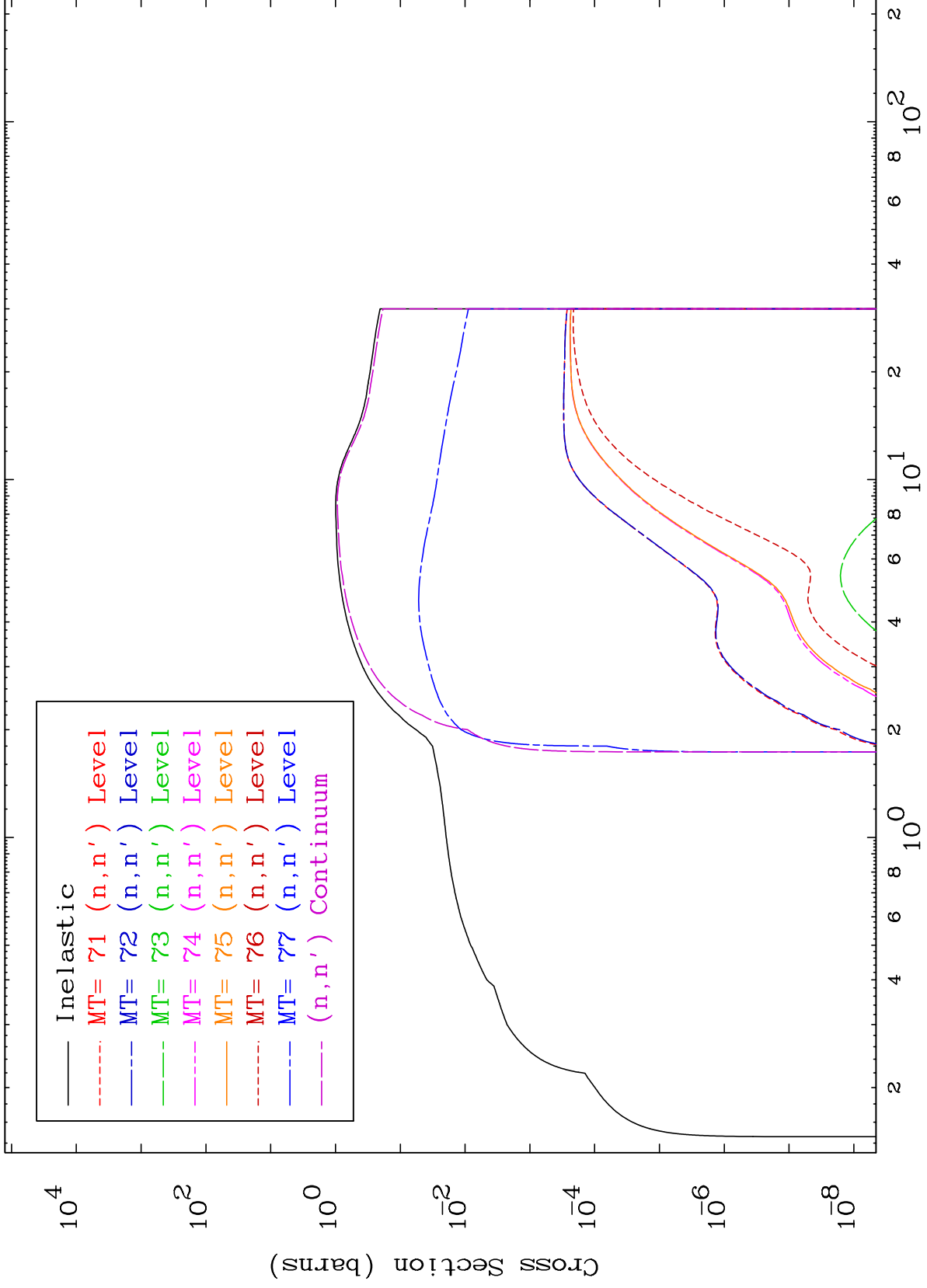
83-Bi-194



MAT 8280

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-194



12

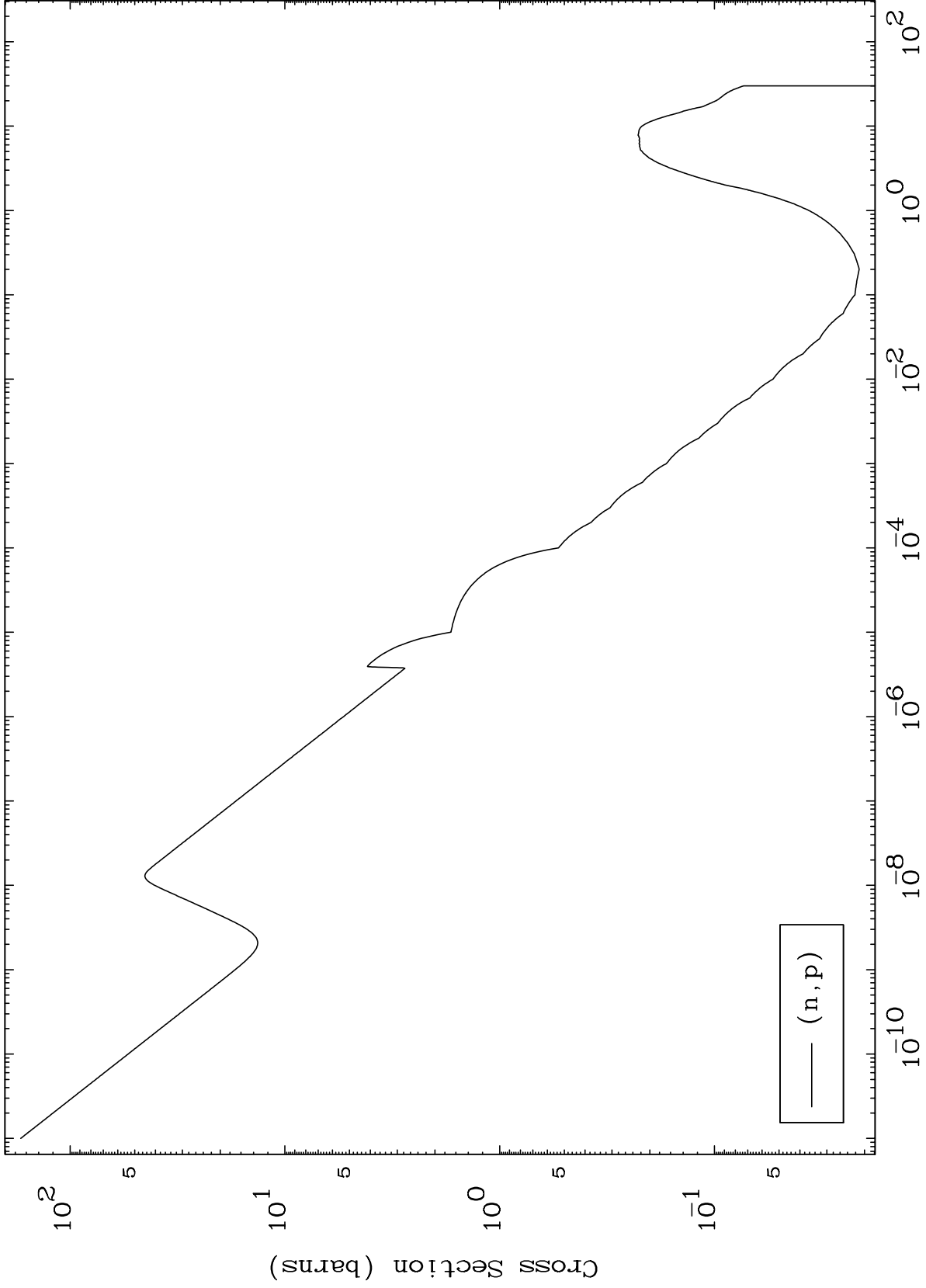
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,p) Levels
293 Kelvin Cross Sections

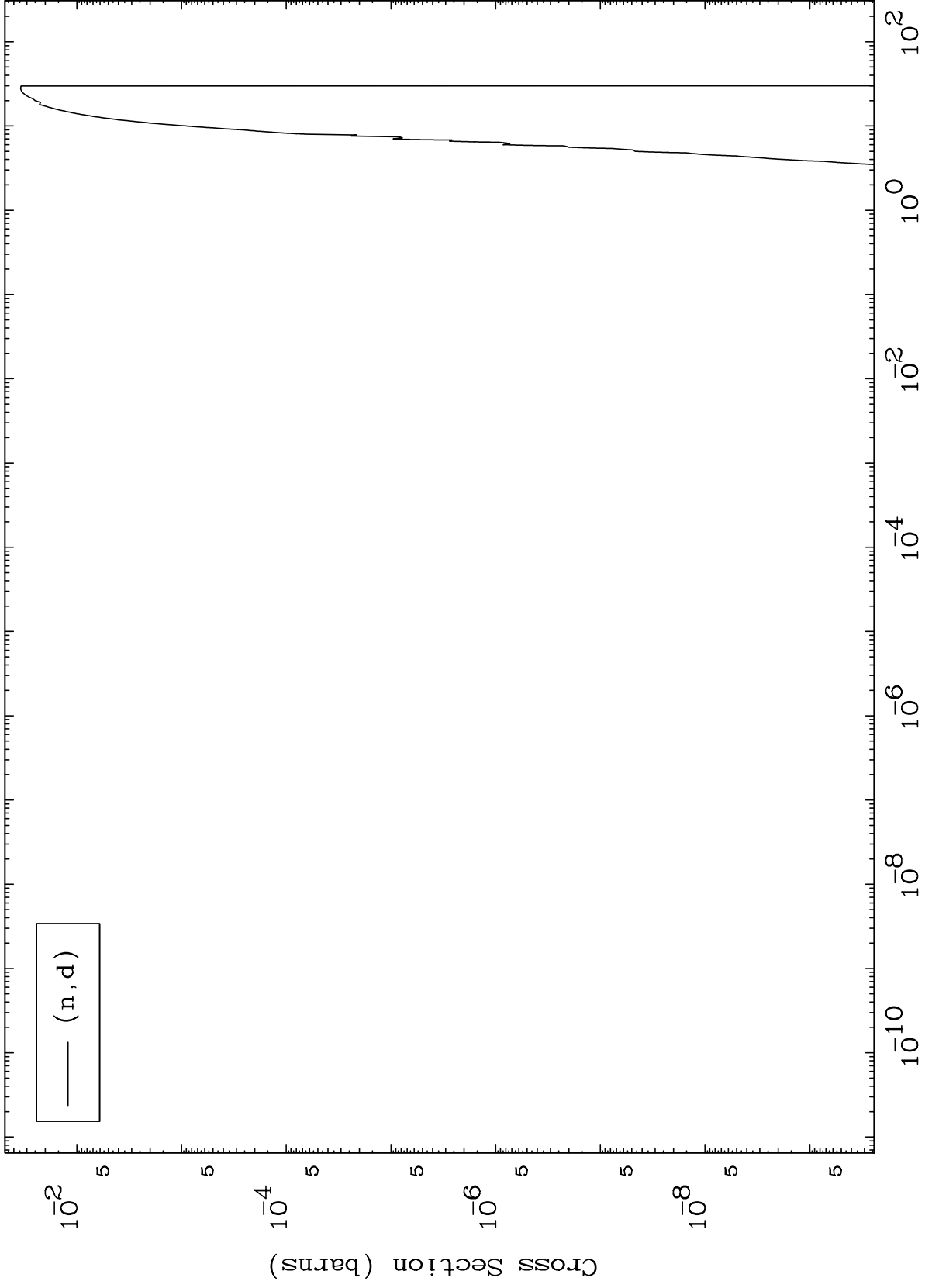
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MAT 8280

(n,d) Levels
293 Kelvin Cross Sections

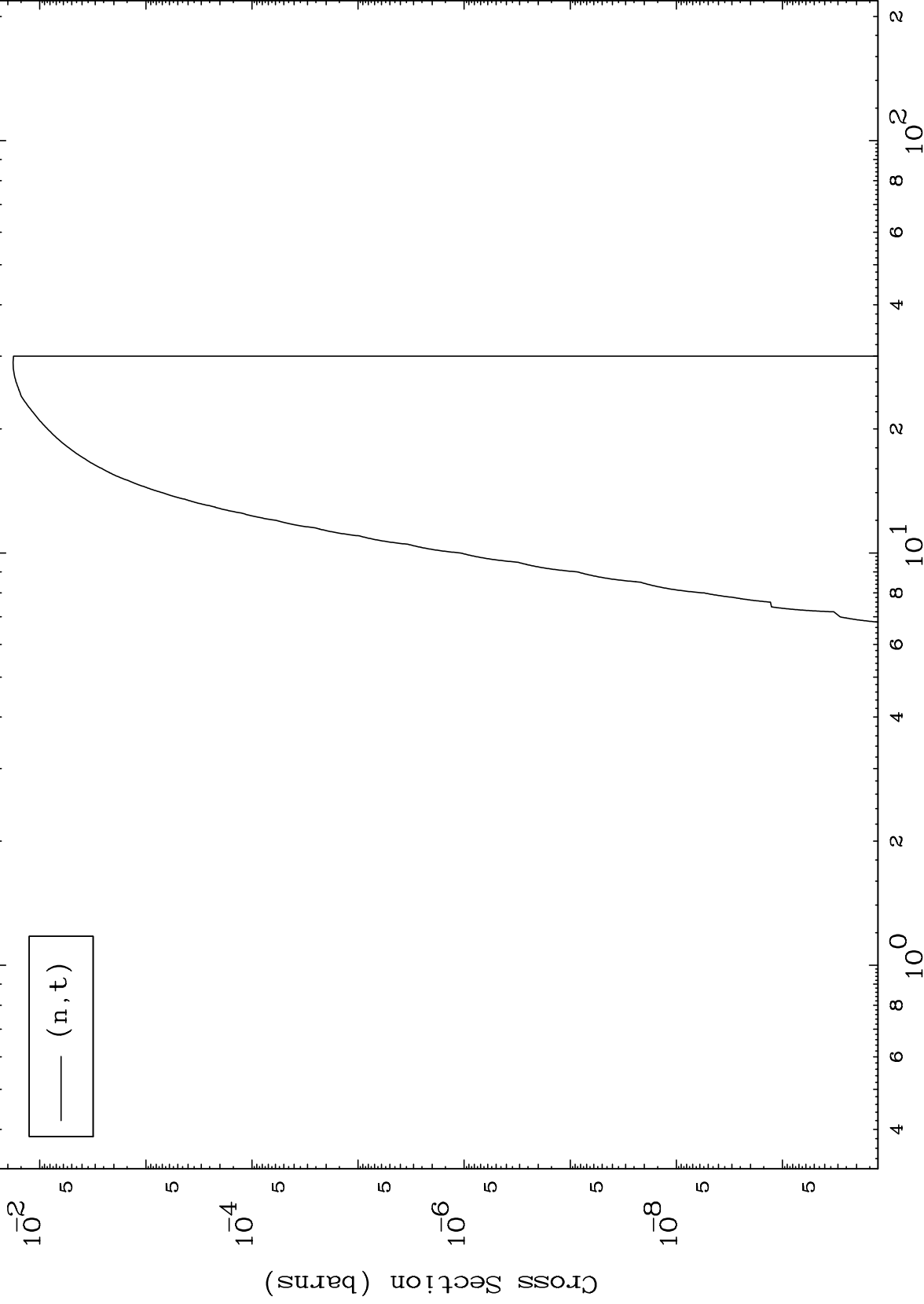
83-Bi-194



MAT 8280

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-194



15

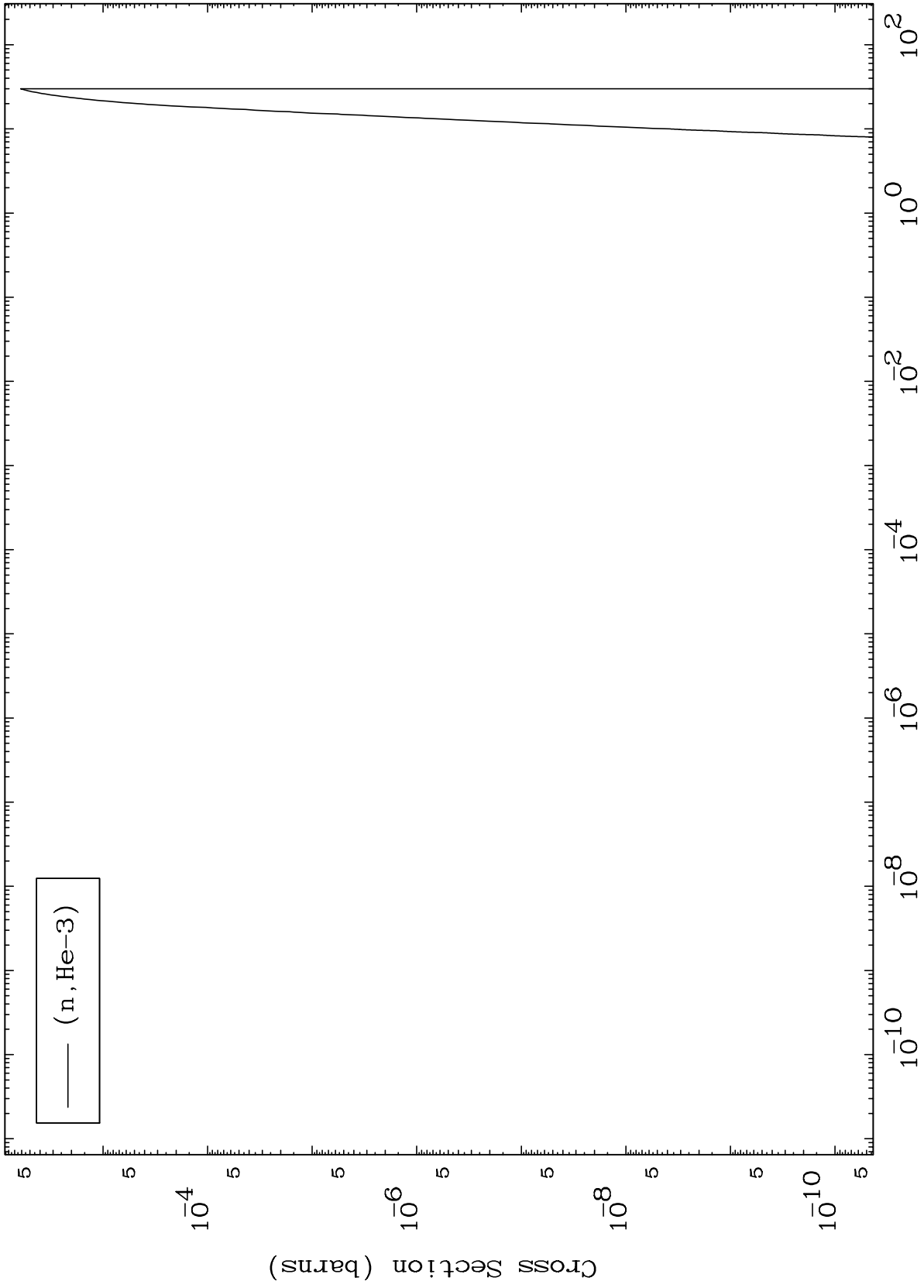
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-194



16

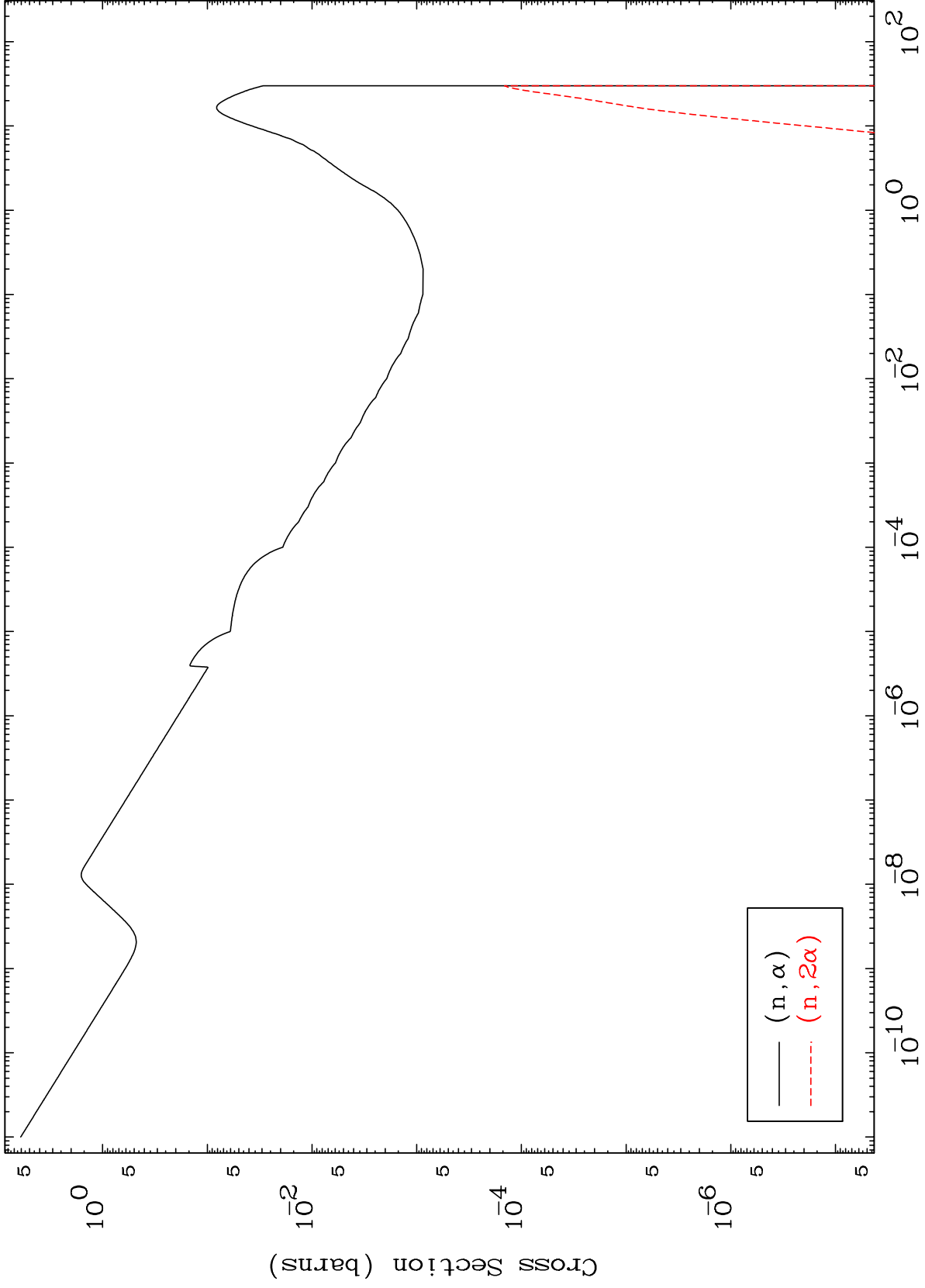
Incident Energy (MeV)

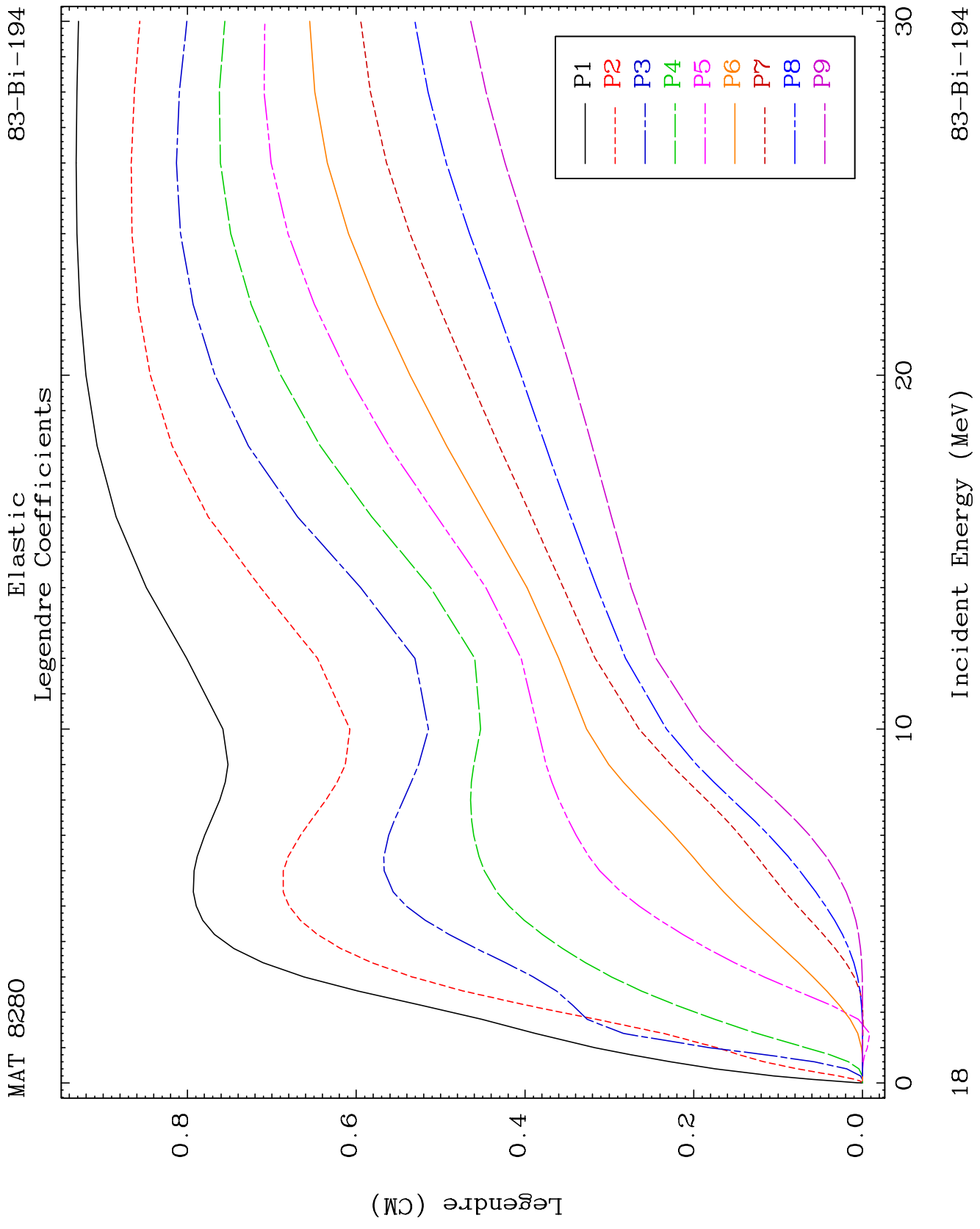
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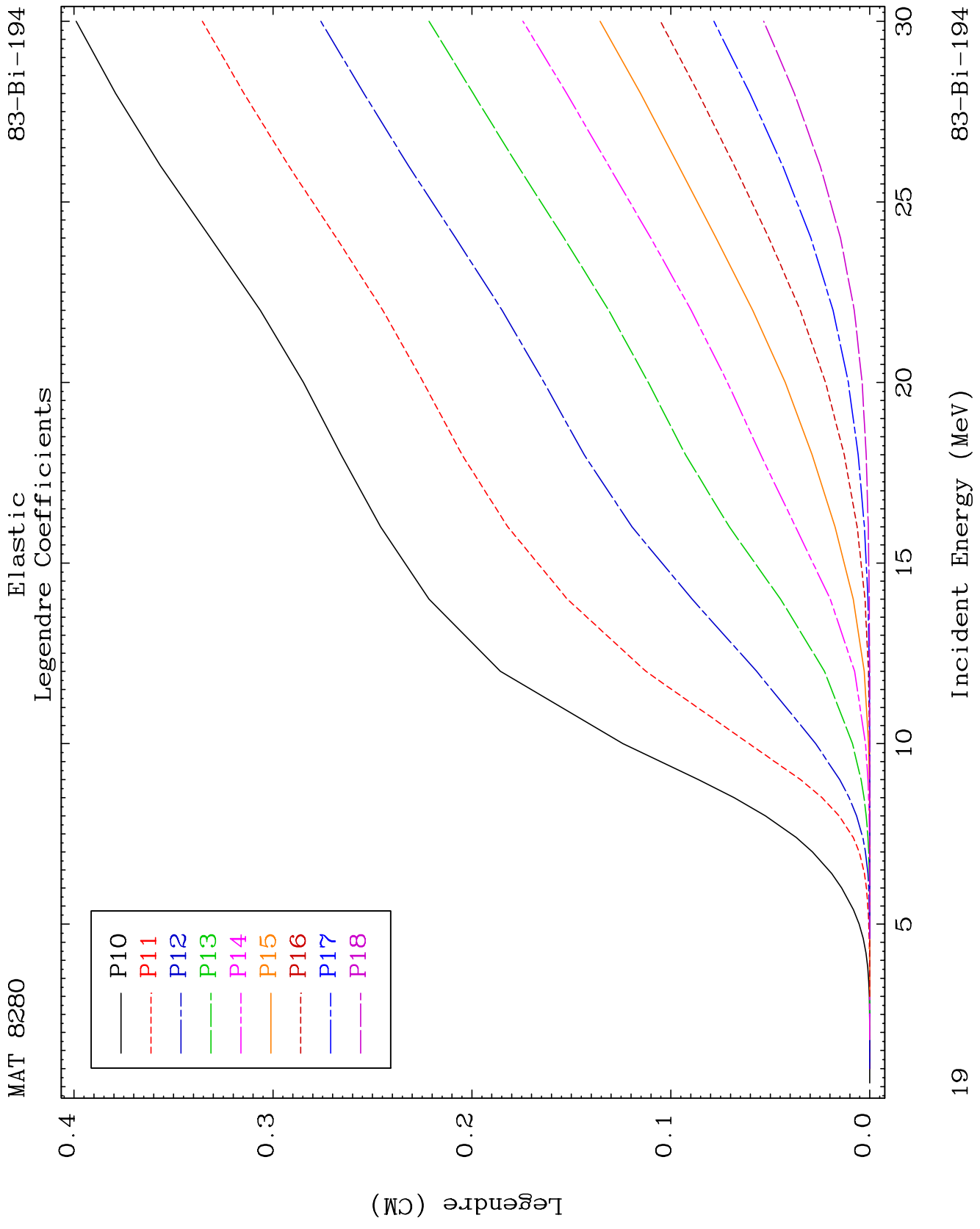
MAT 8280

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-194



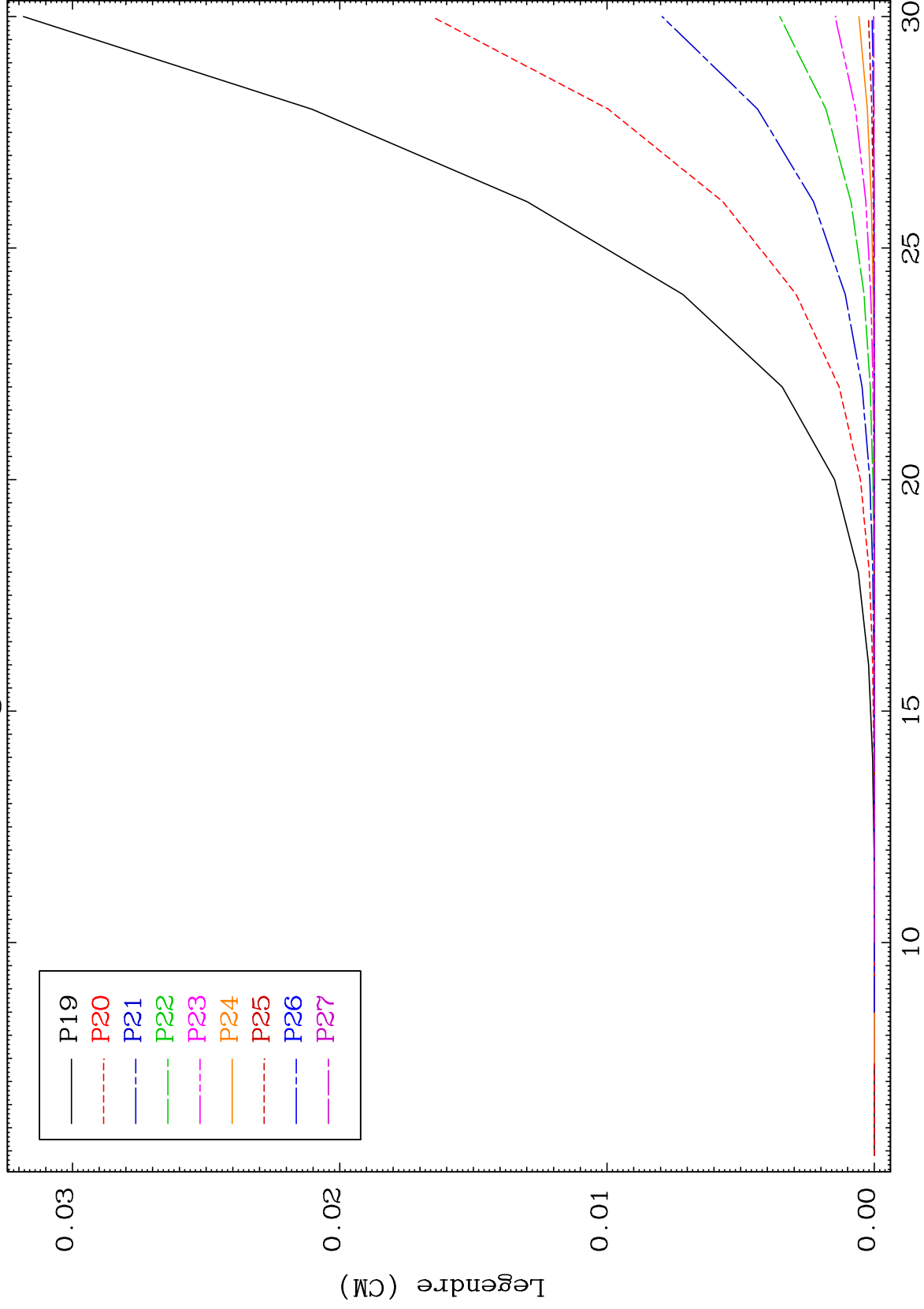




MAT 8280

Elastic
Legendre Coefficients

83-Bi-194



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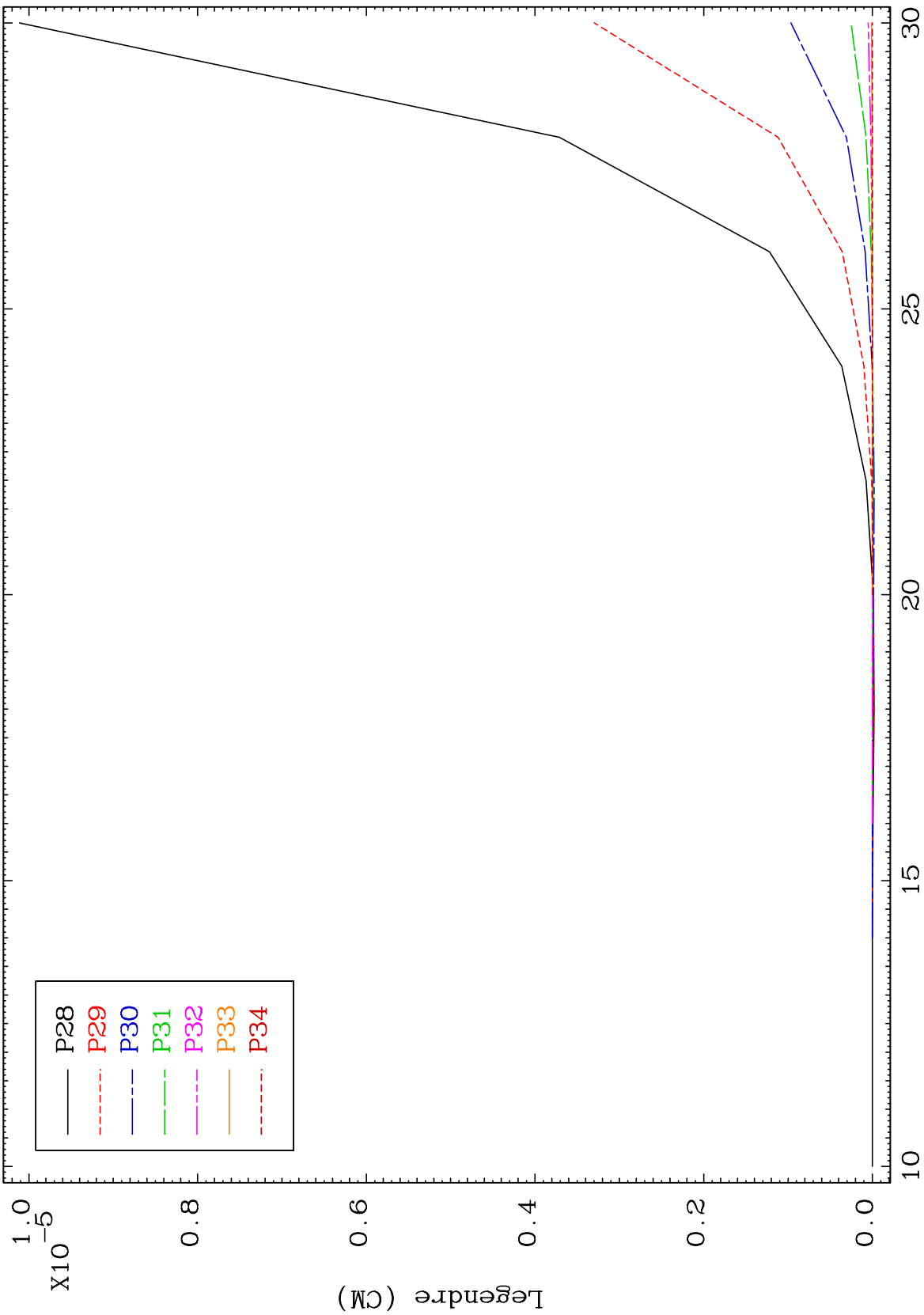
Incident Energy (MeV)

83-Bi-194

MAT 8280

Elastic
Legendre Coefficients

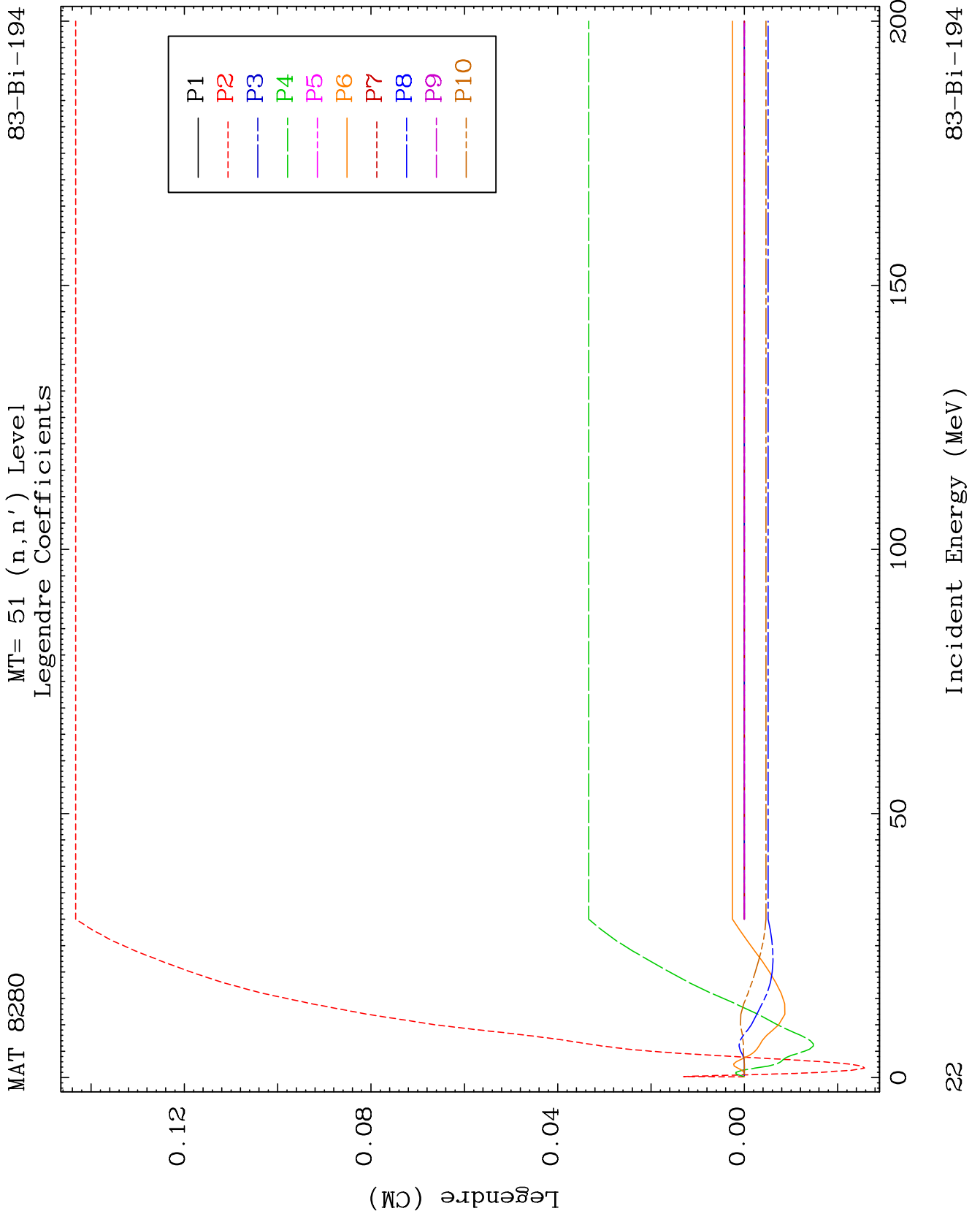
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21

Incident Energy (MeV)

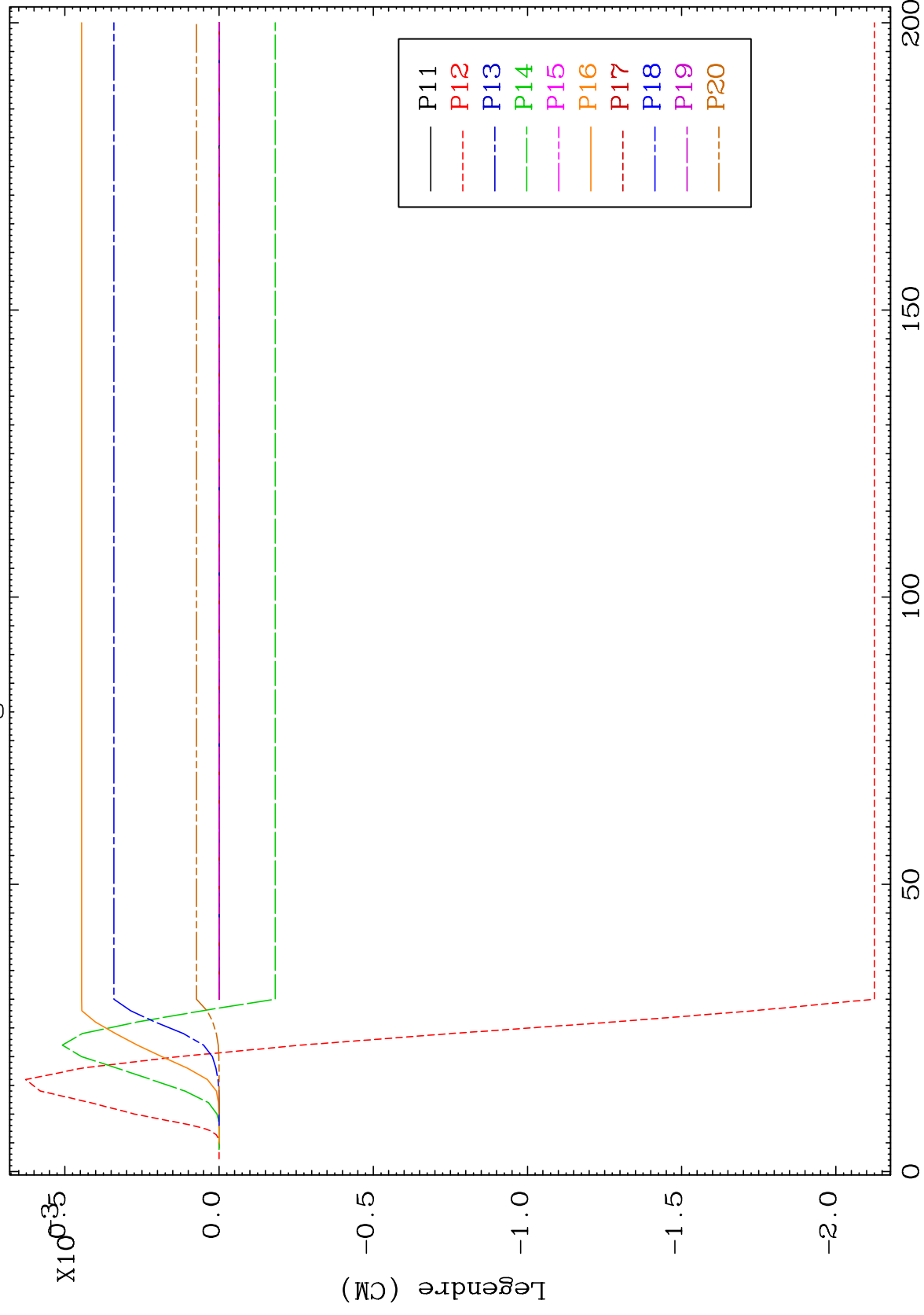
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MAT 8280

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

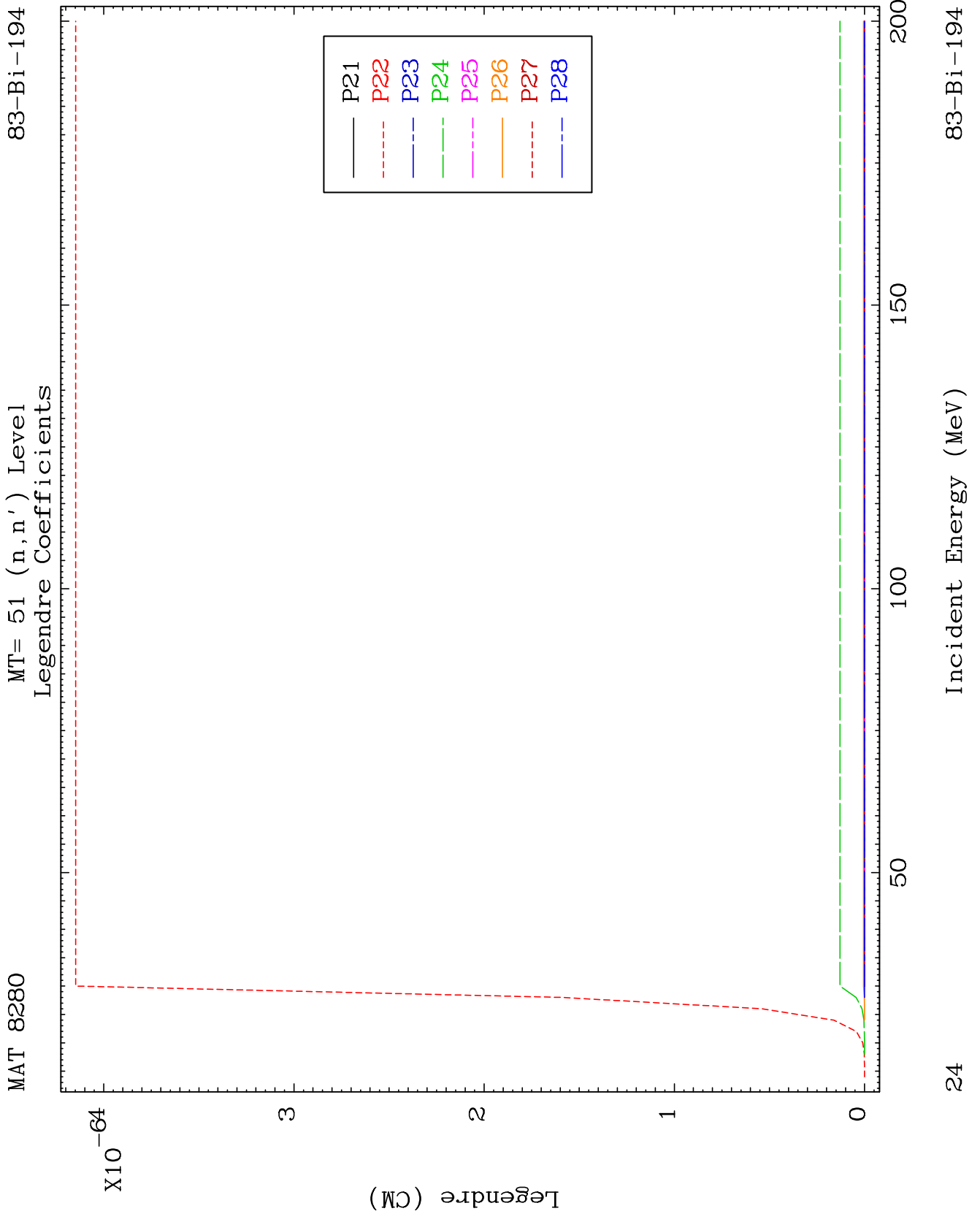
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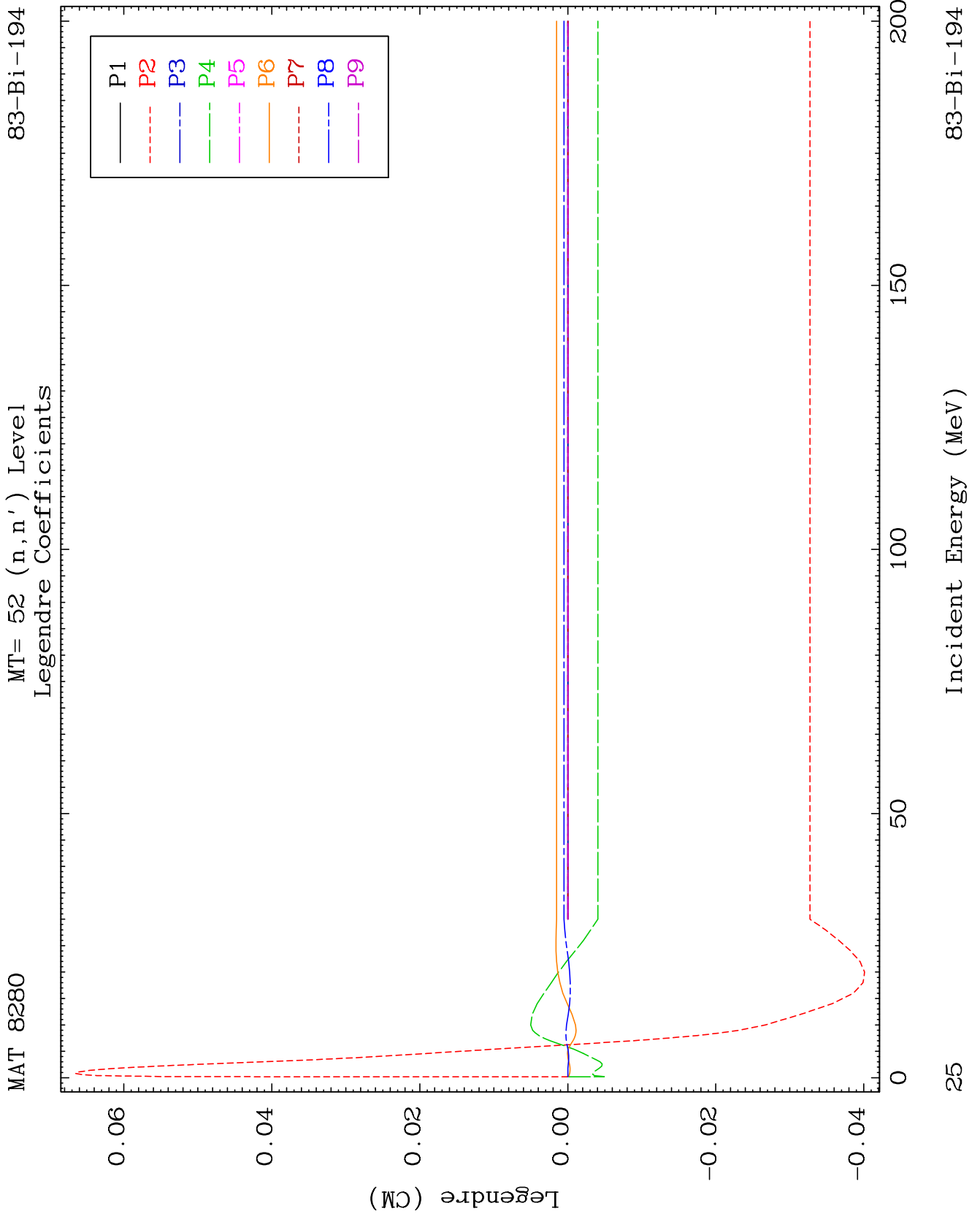


23

Incident Energy (MeV)

83-Bi-194



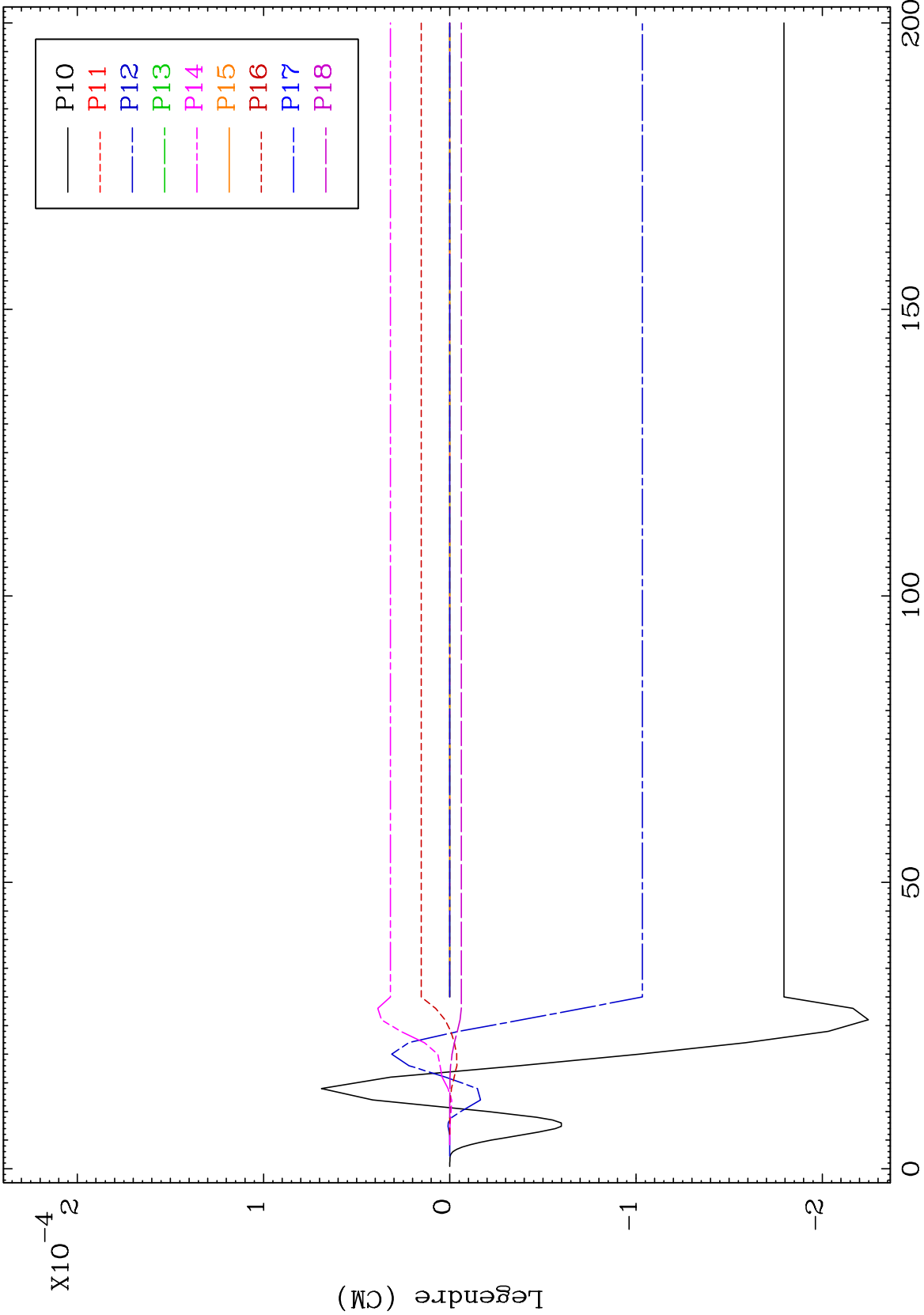


MAT 8280

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

83-Bi-194

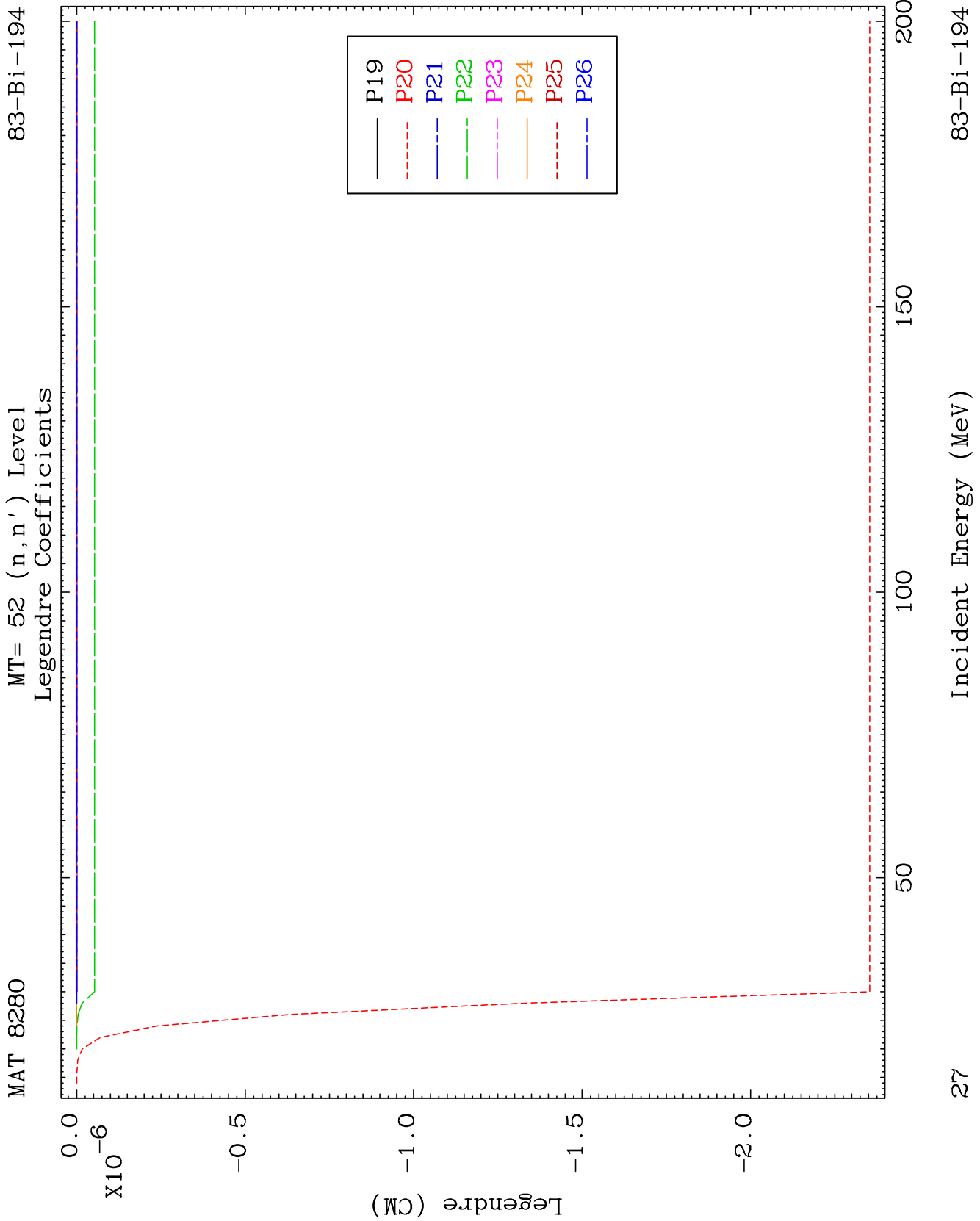
$\times 10^{-4}$



26

Incident Energy (MeV)

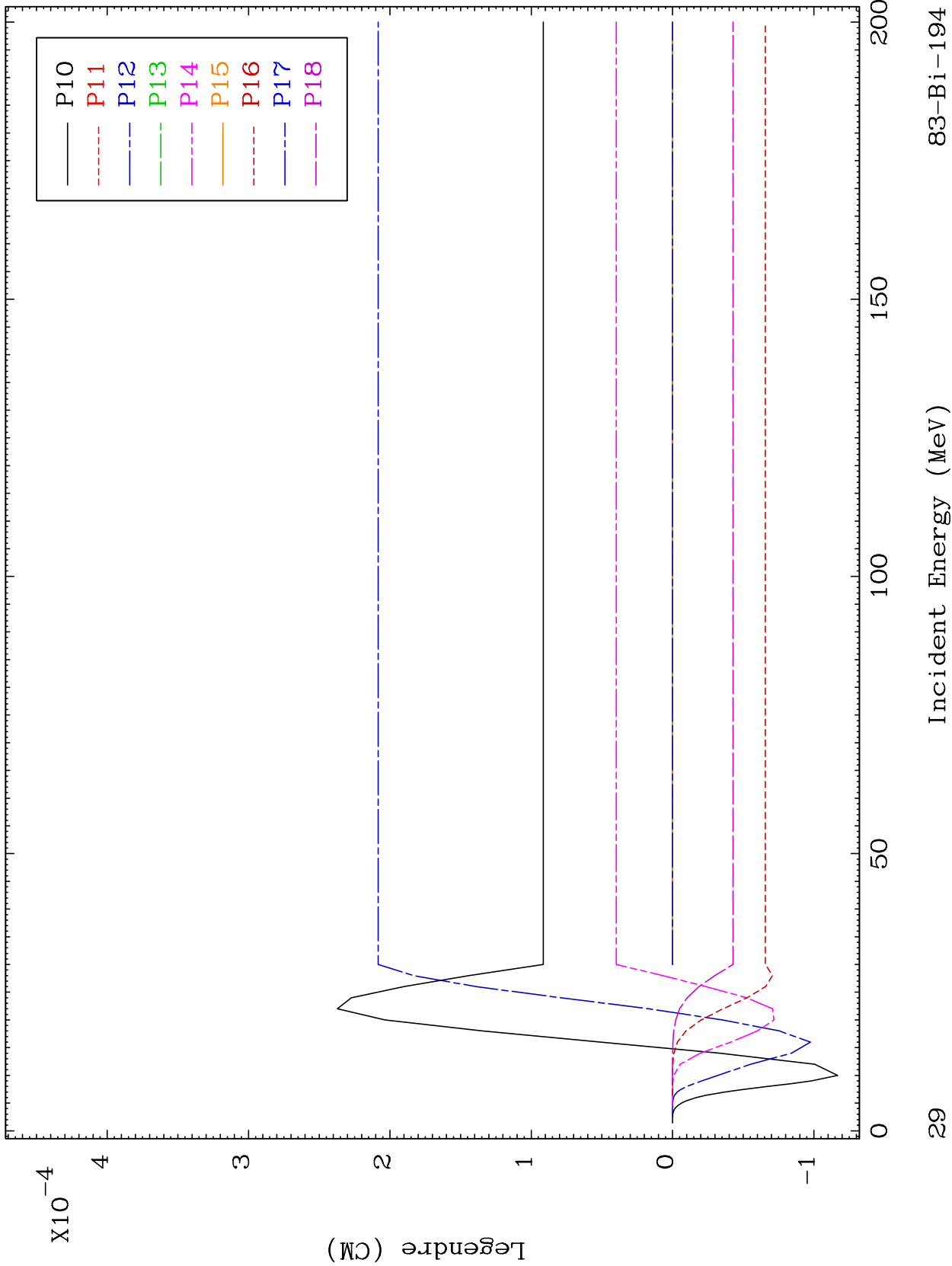
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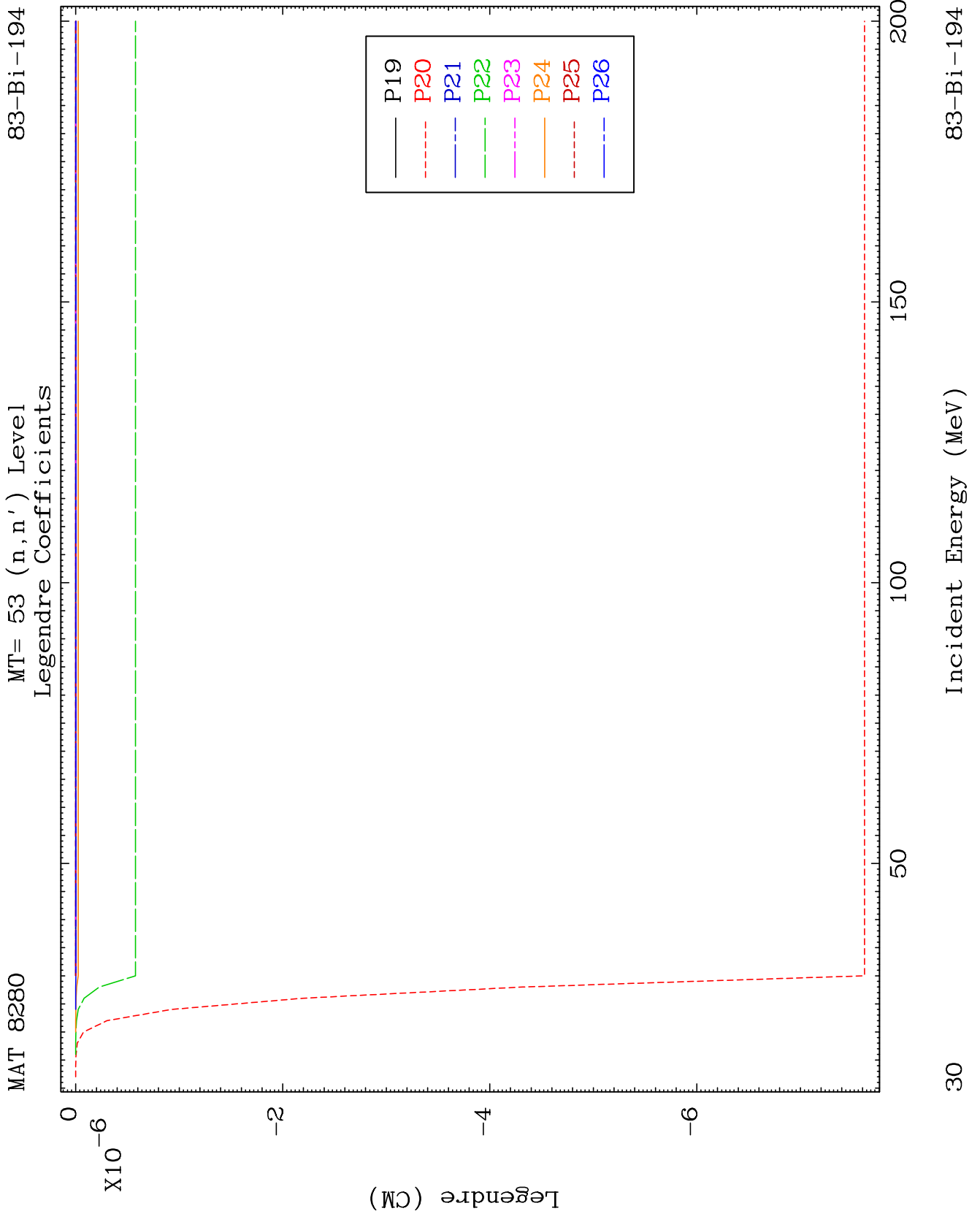


MAT 8280

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

83-Bi-194

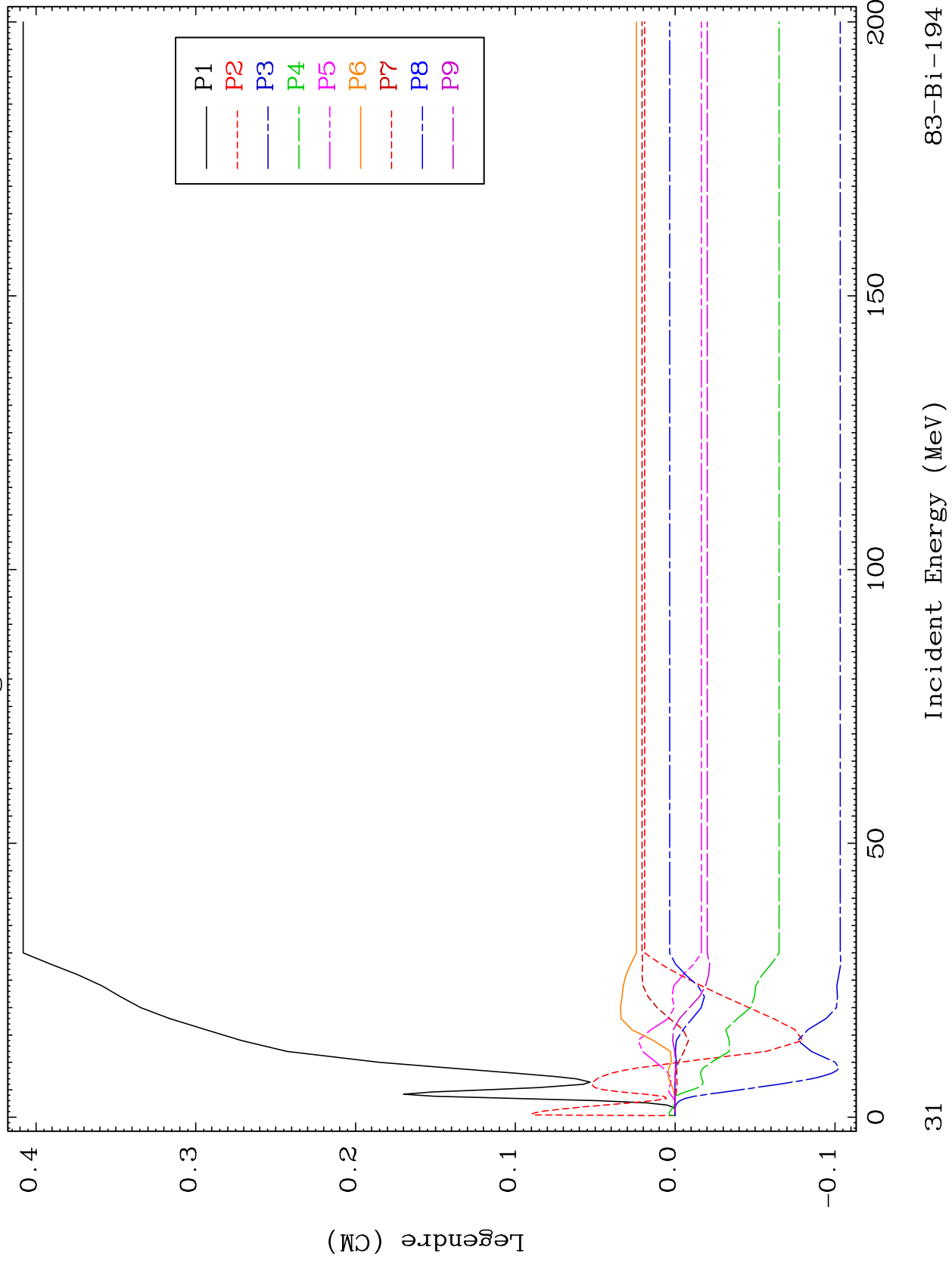




MAT 8280

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

83-Bi-194



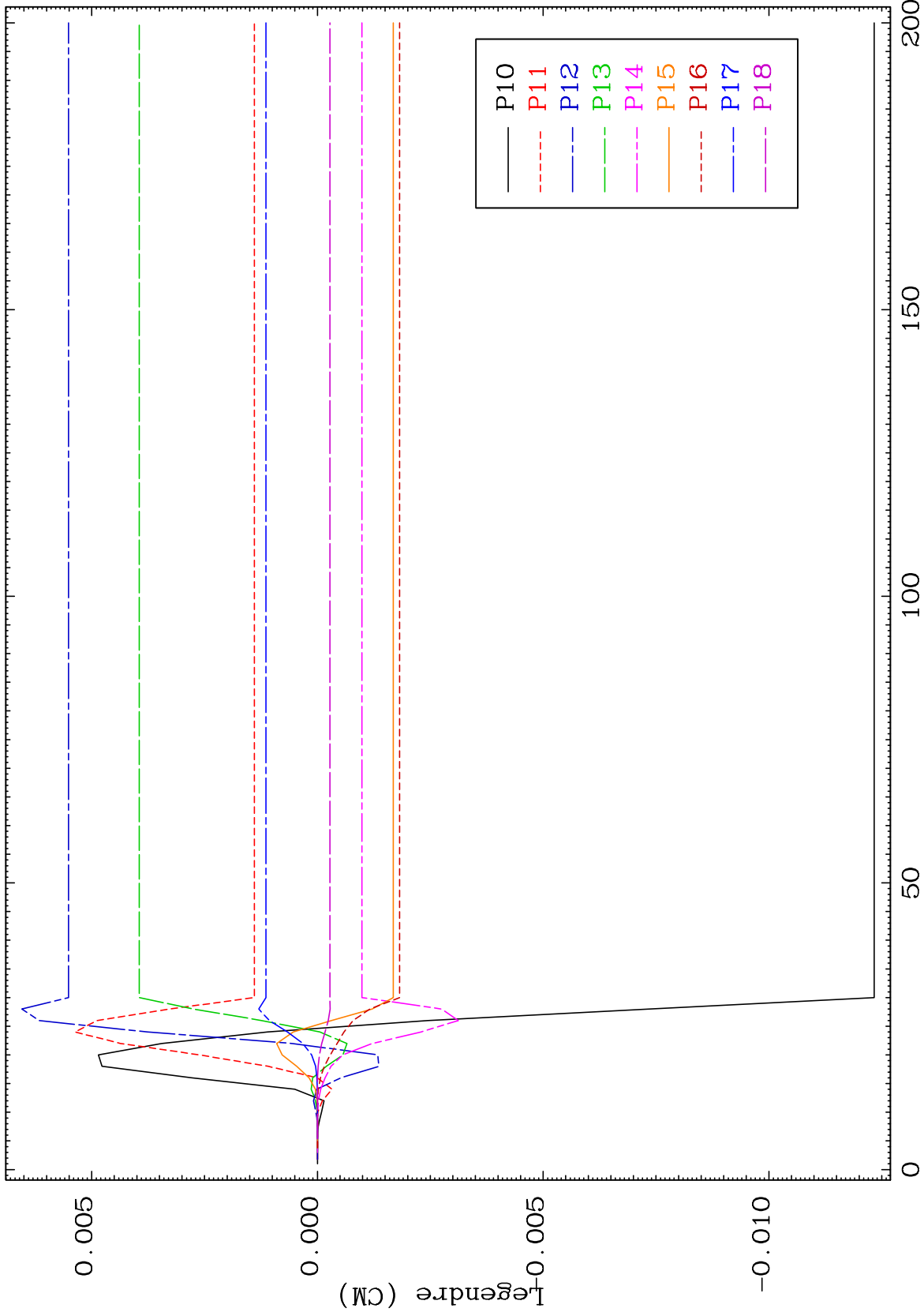
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83-Bi-194

MAT 8280

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

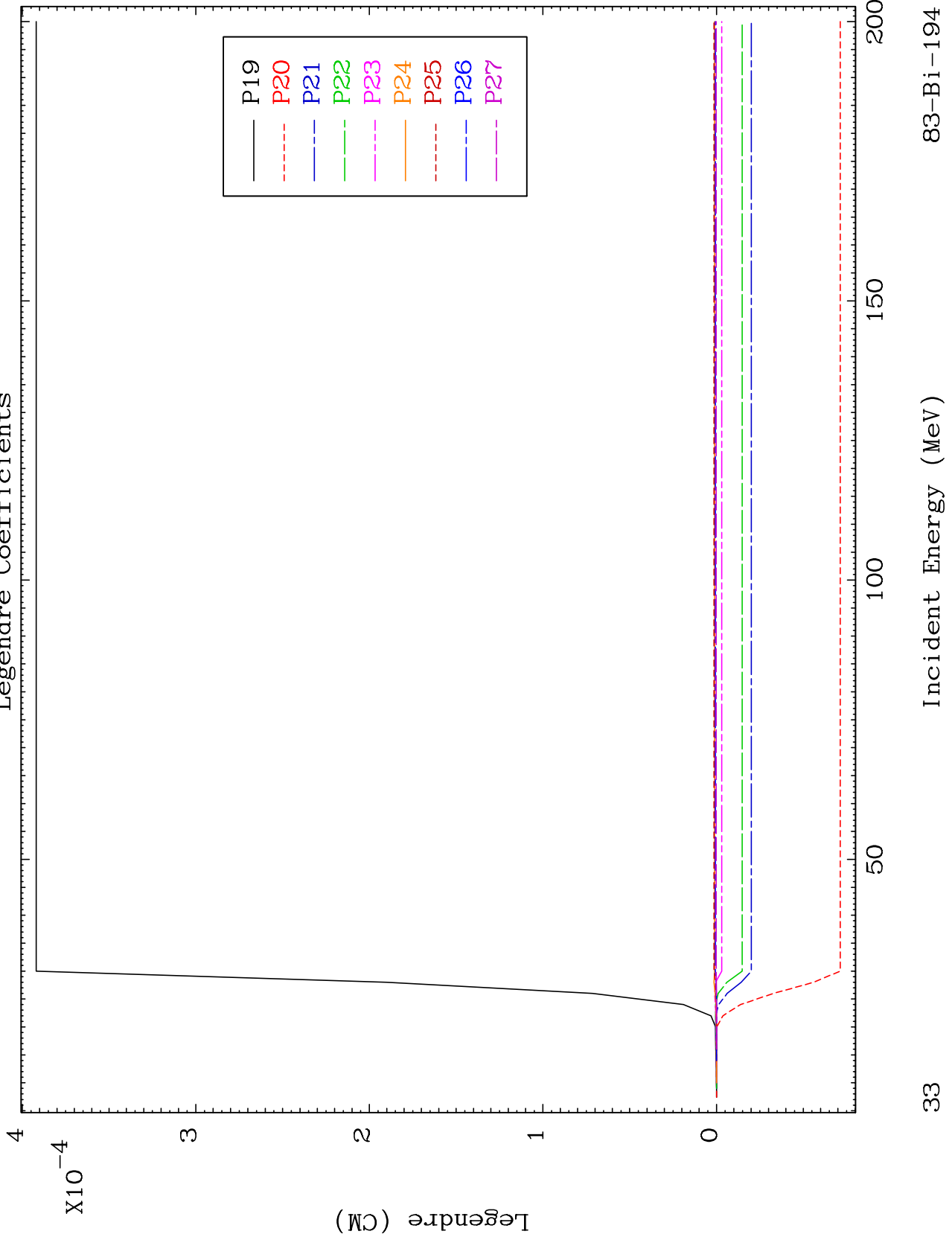
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32

Incident Energy (MeV)

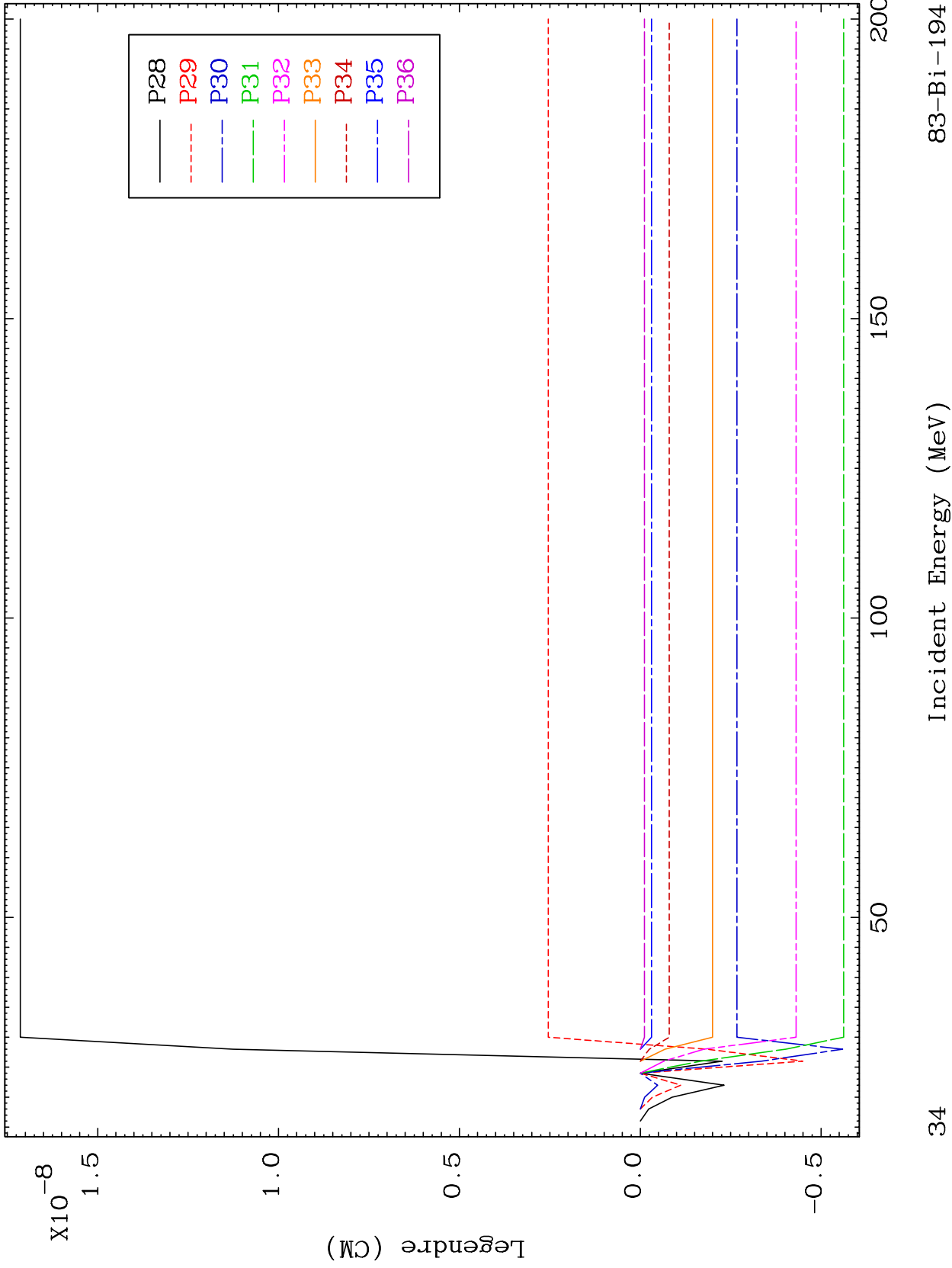
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MAT 8280

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

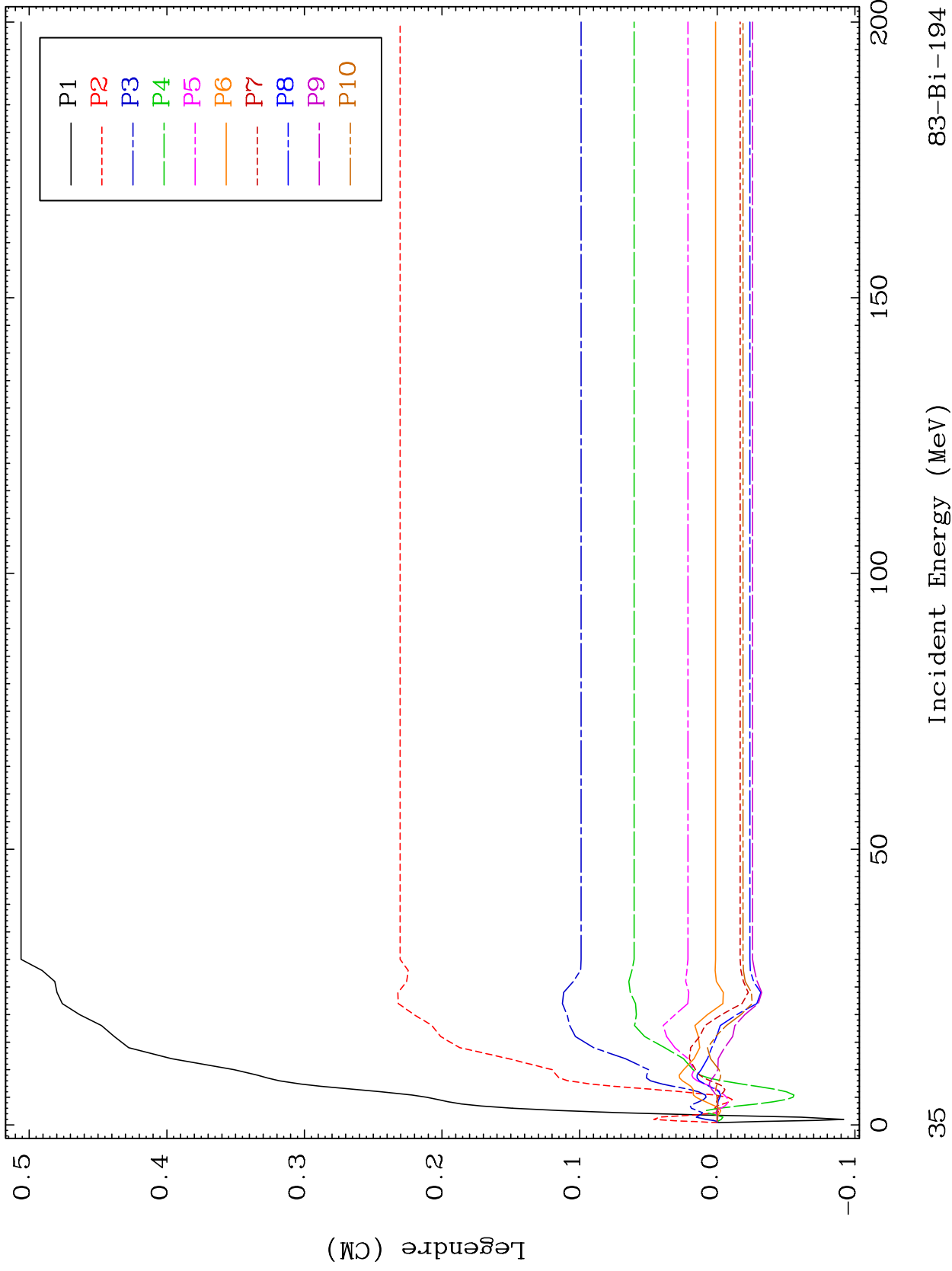
83-Bi-194



MAT 8280

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

83-Bi-194

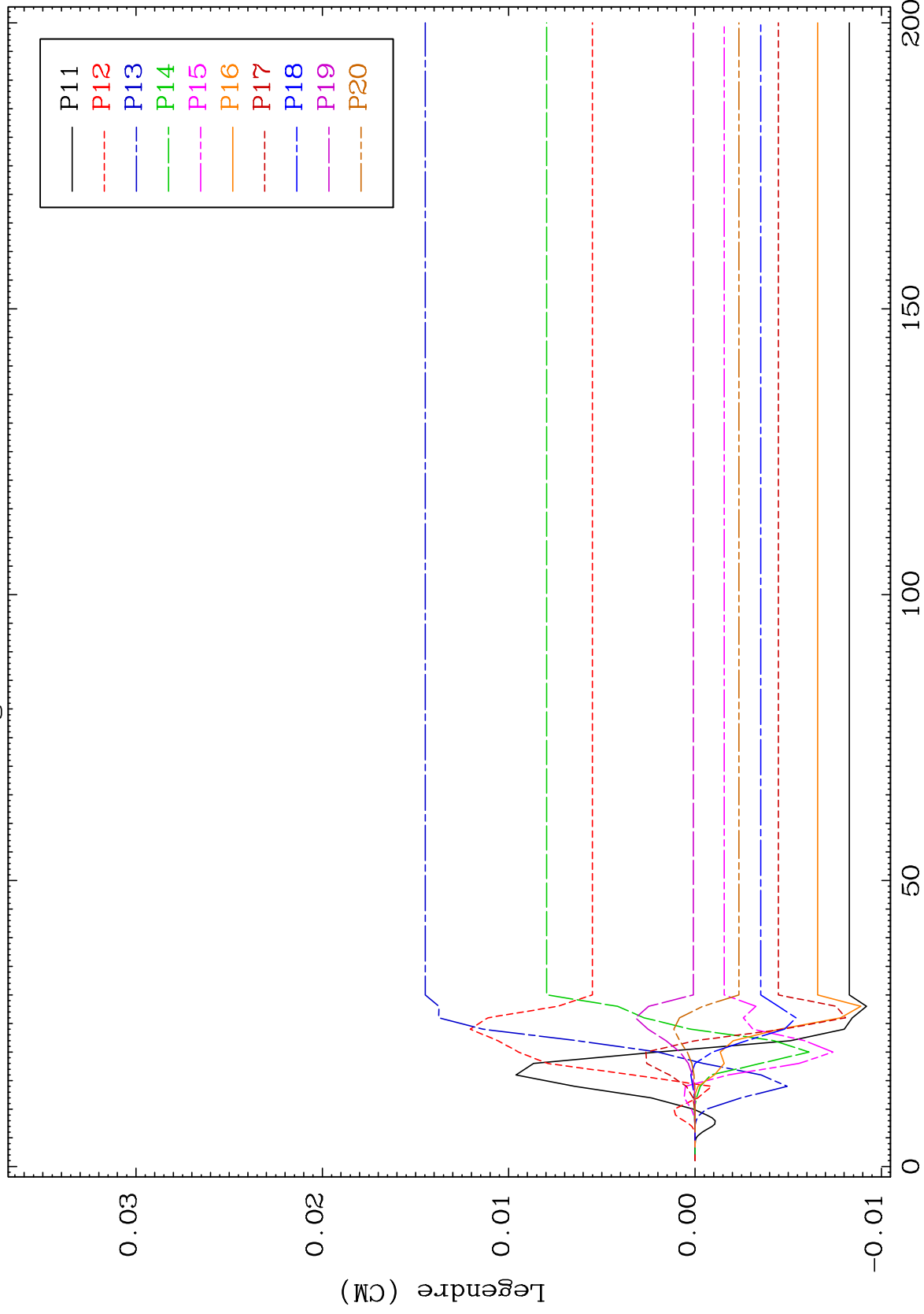


35

MAT 8280

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

83-Bi-194



36

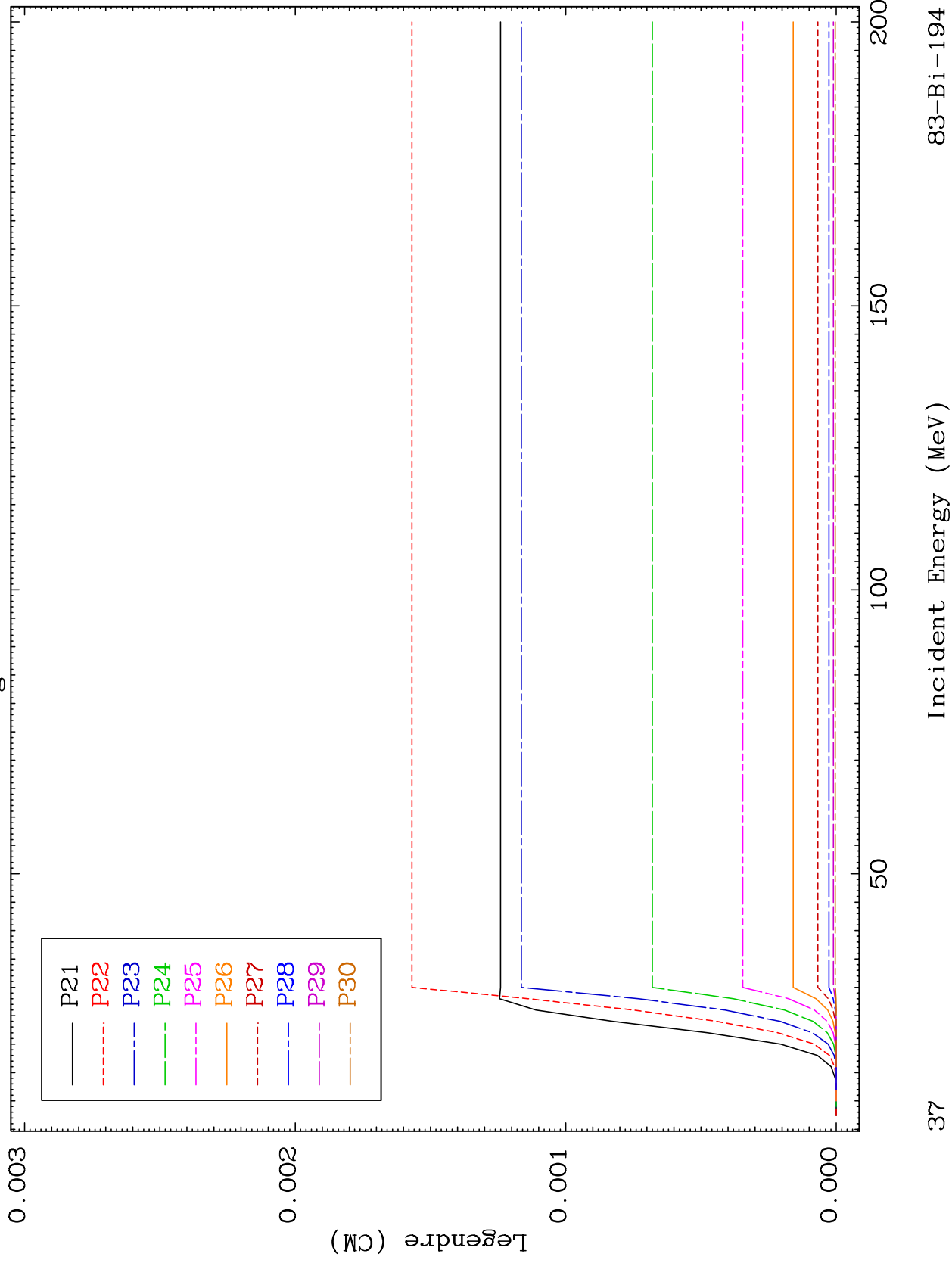
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



37

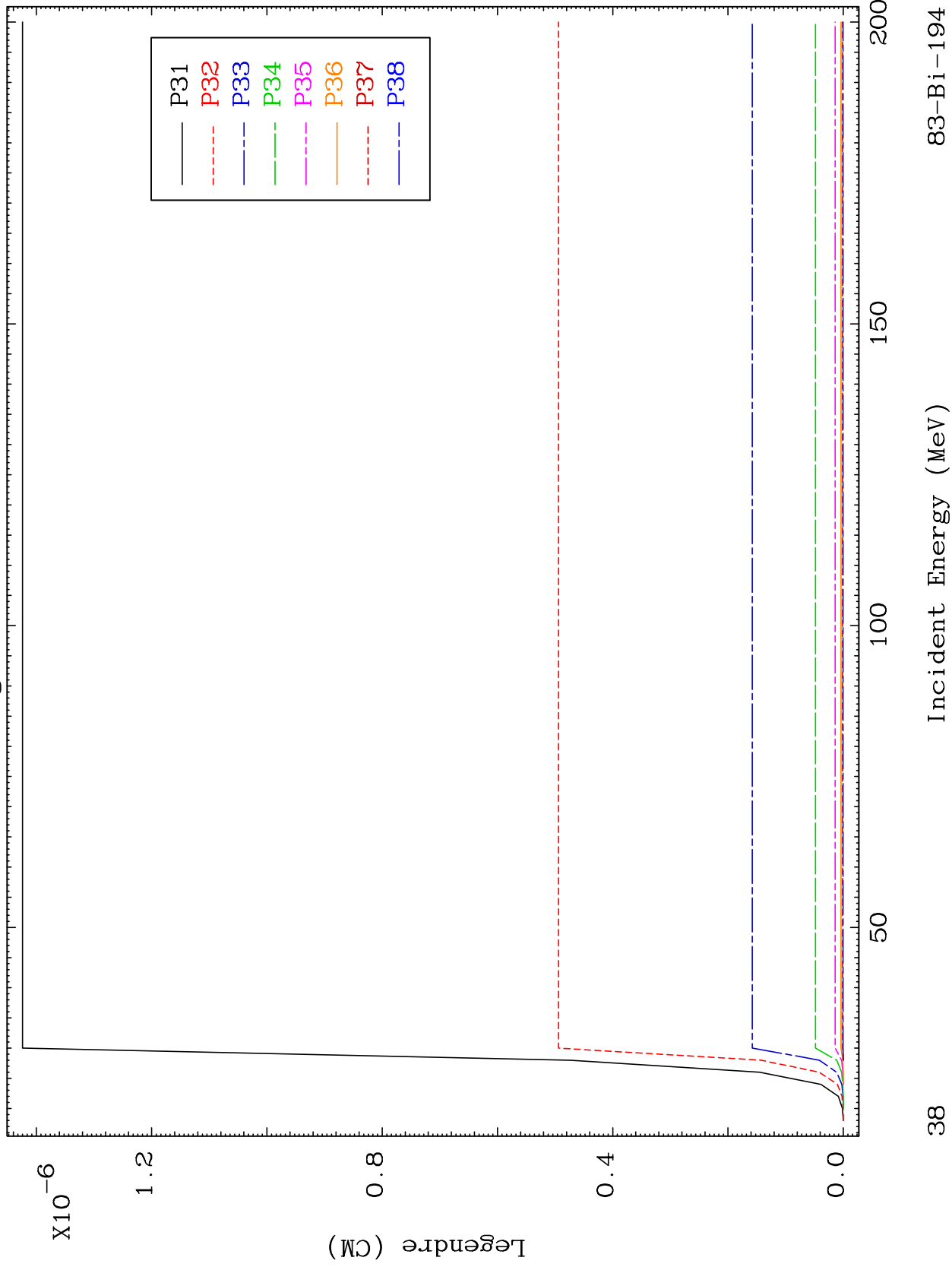
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

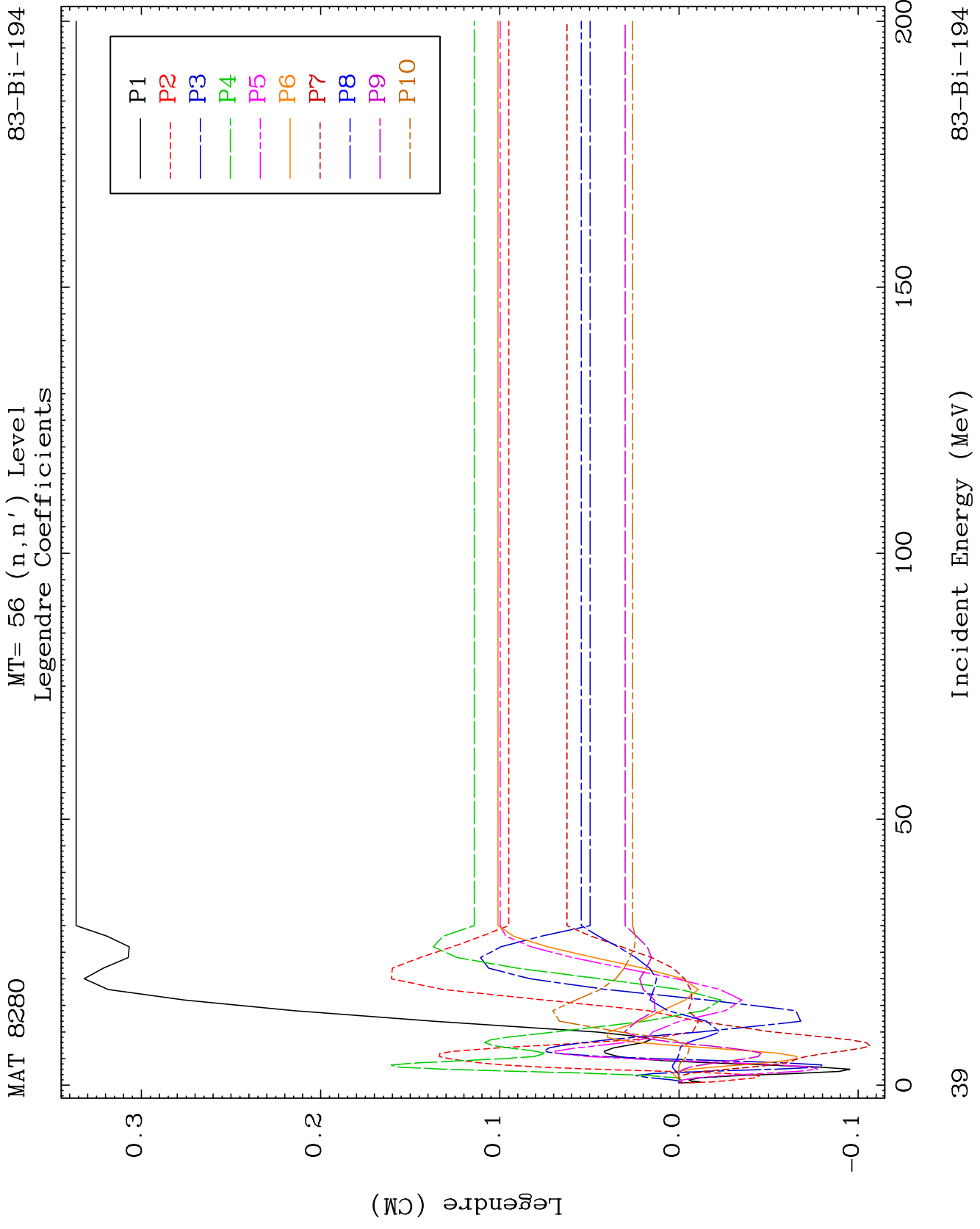
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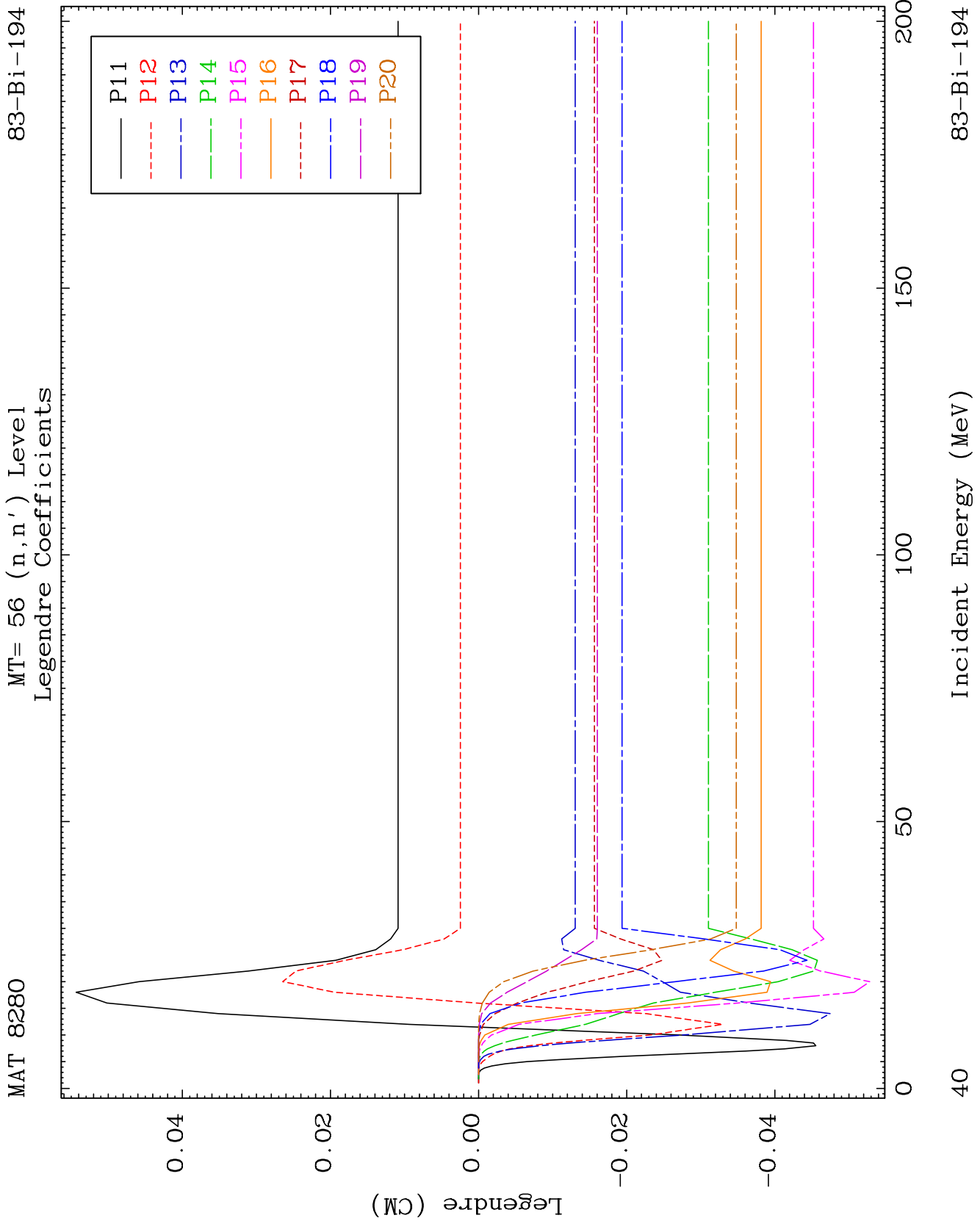


38

Incident Energy (MeV)

83-Bi-194

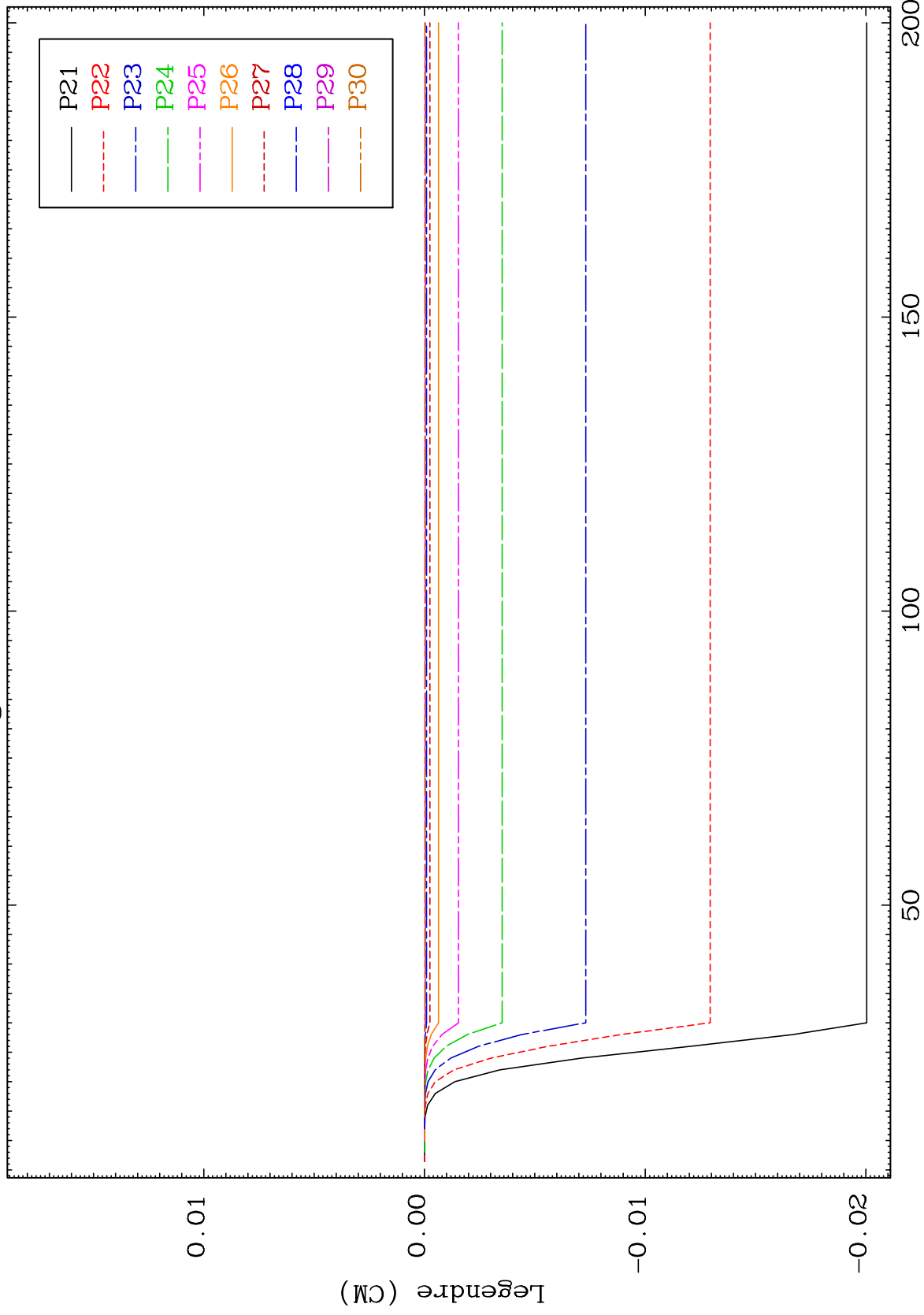




MAT 8280

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

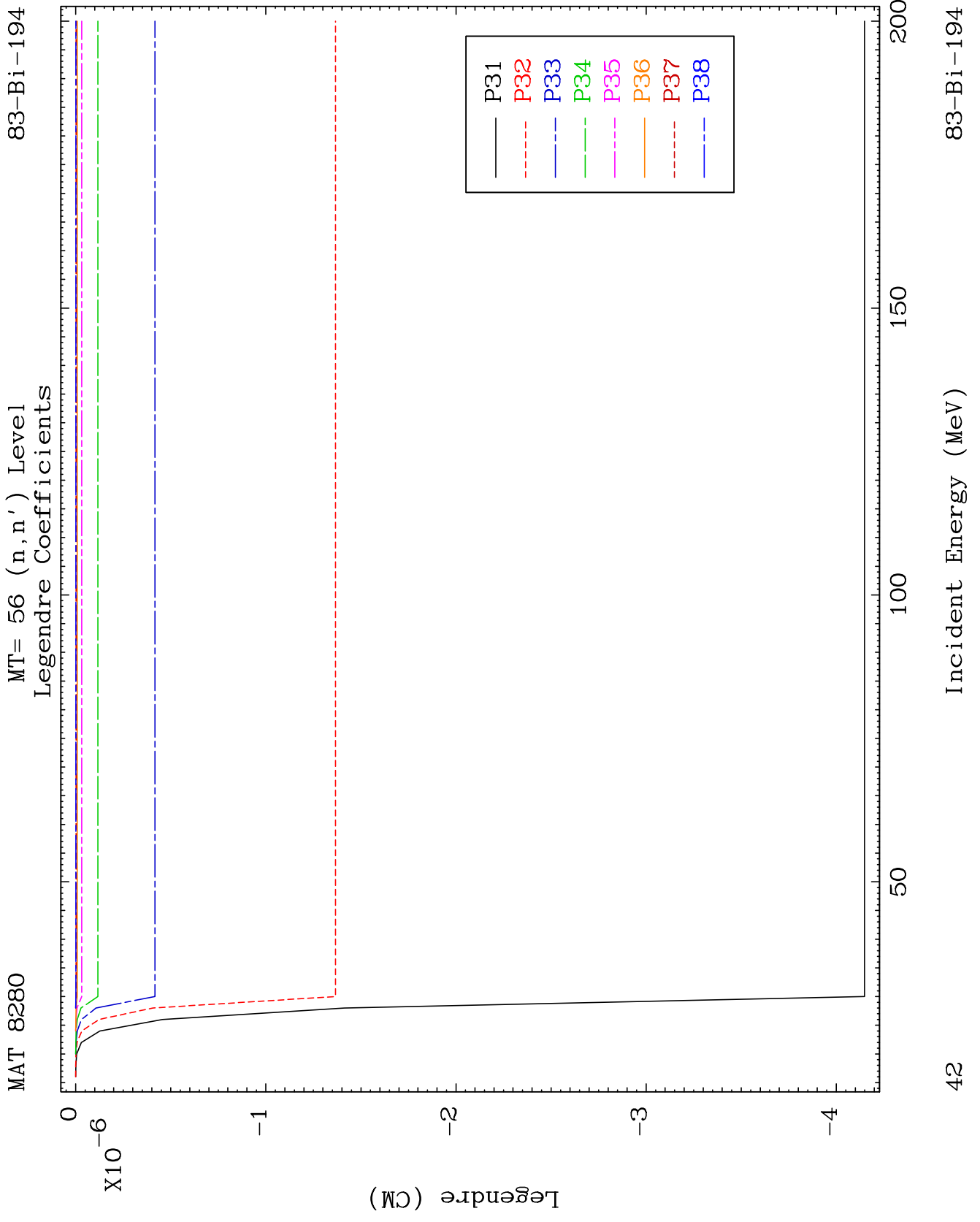
83-Bi-194



41

Incident Energy (MeV)

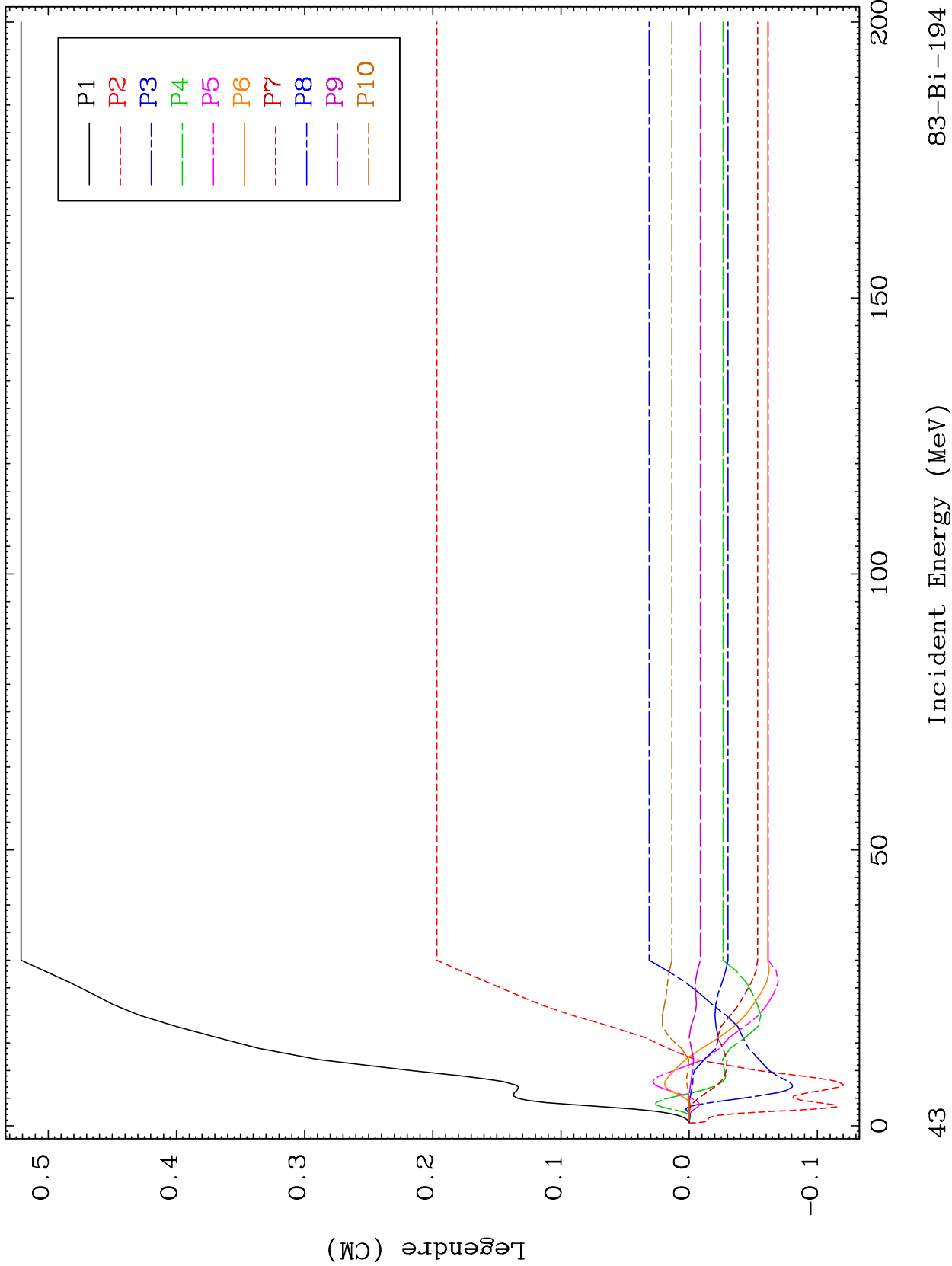
83-Bi-194



MAT 8280

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

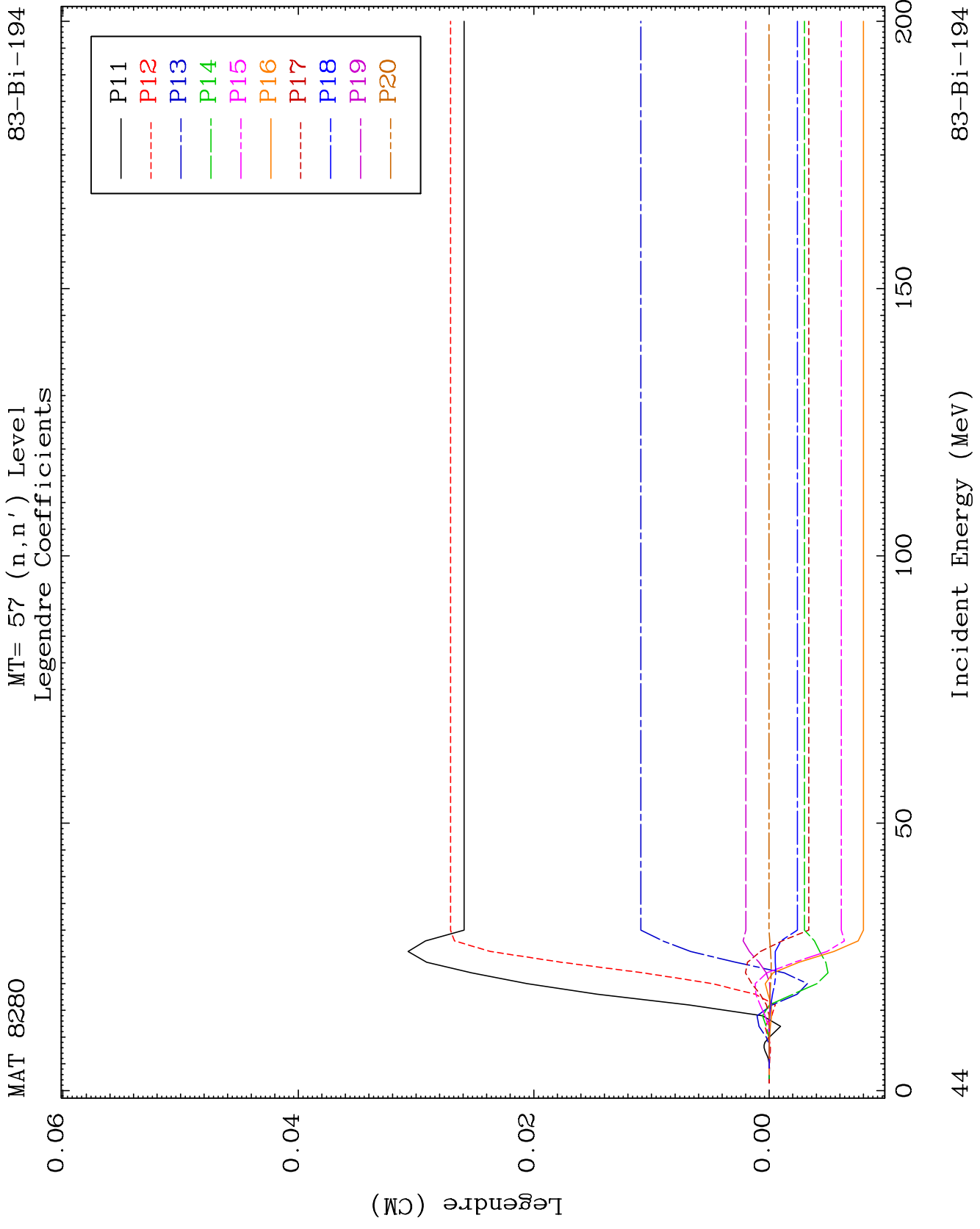
83-Bi-194



83-Bi-194

Incident Energy (MeV)

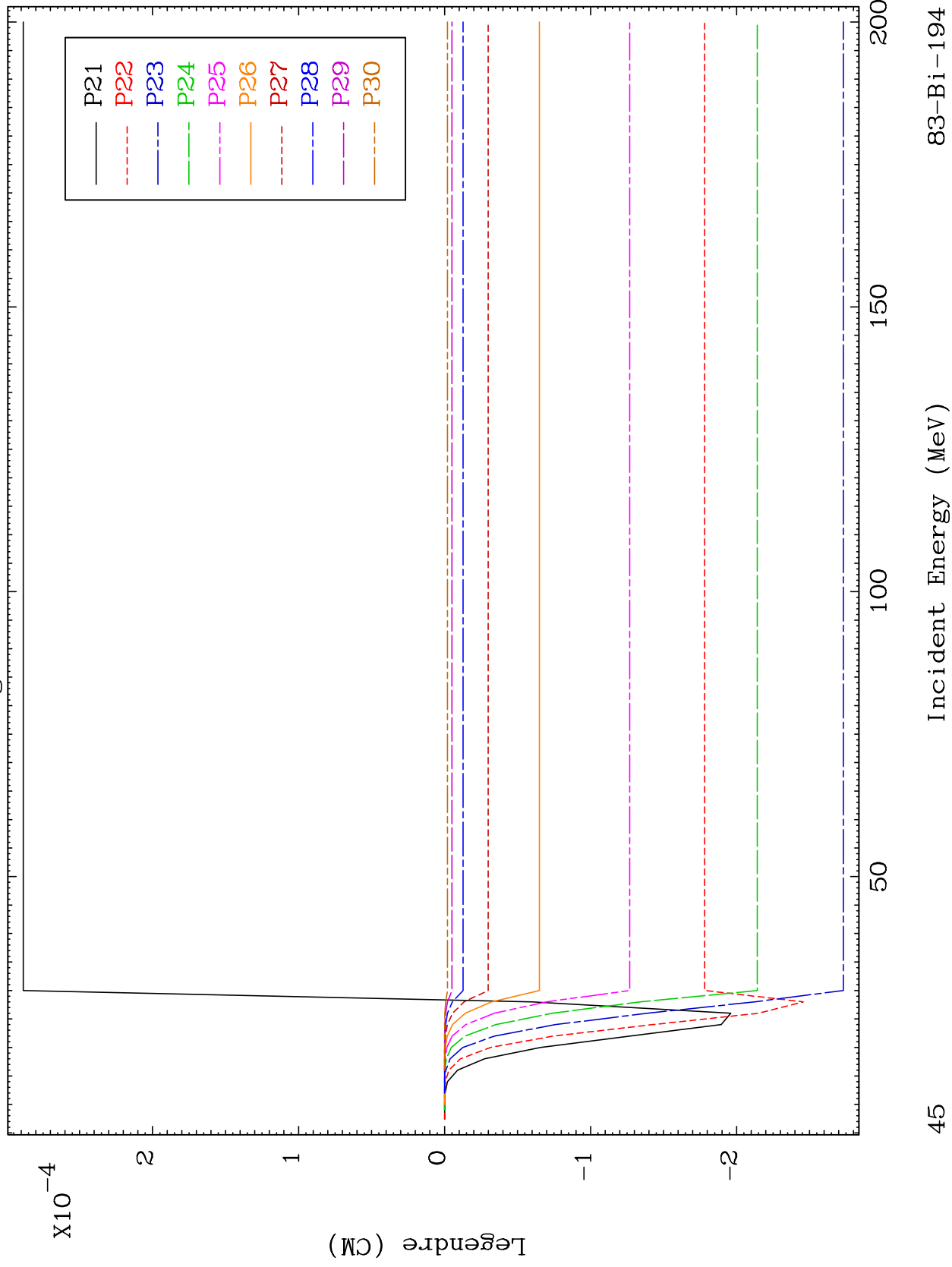
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MAT 8280

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

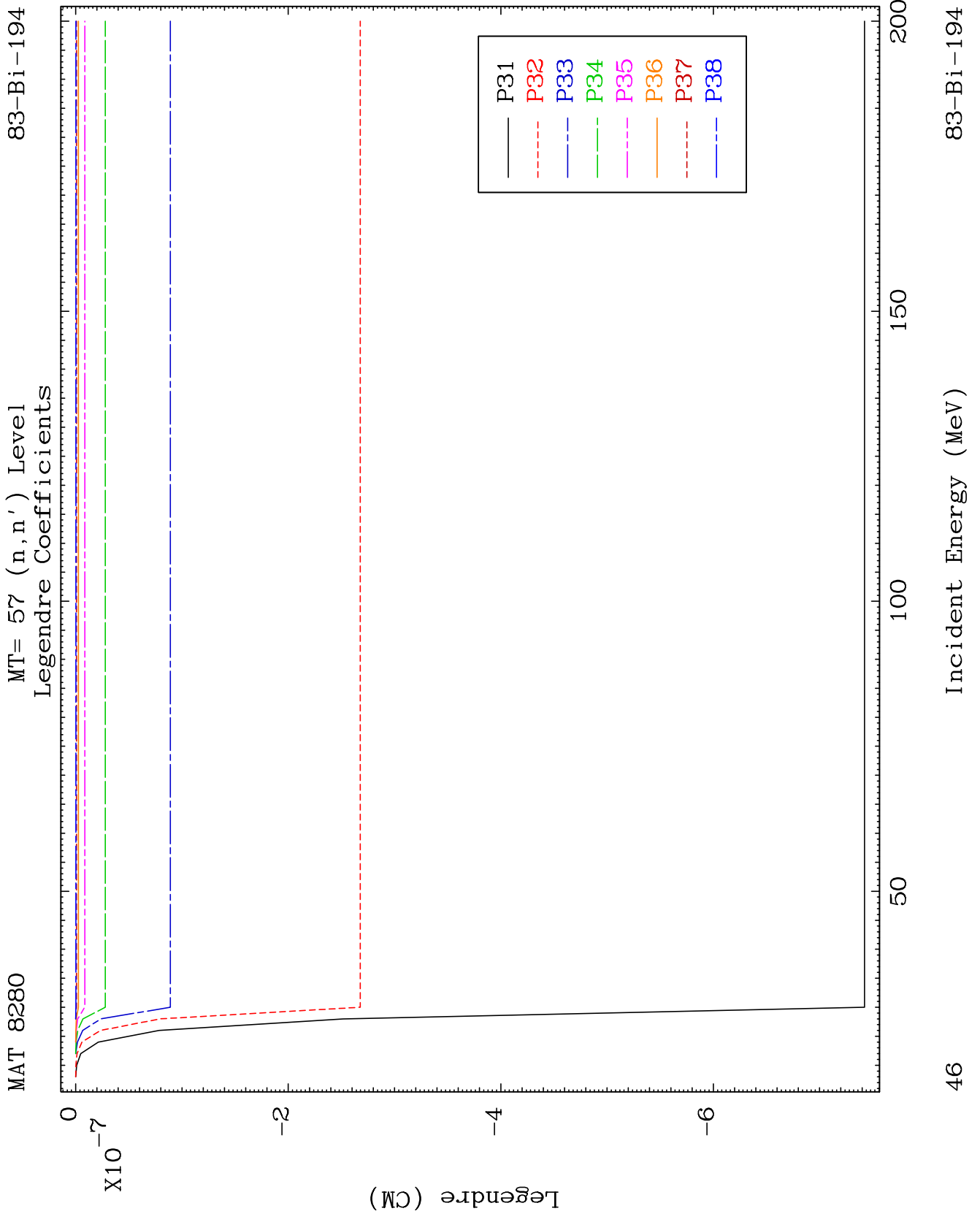
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45

Incident Energy (MeV)

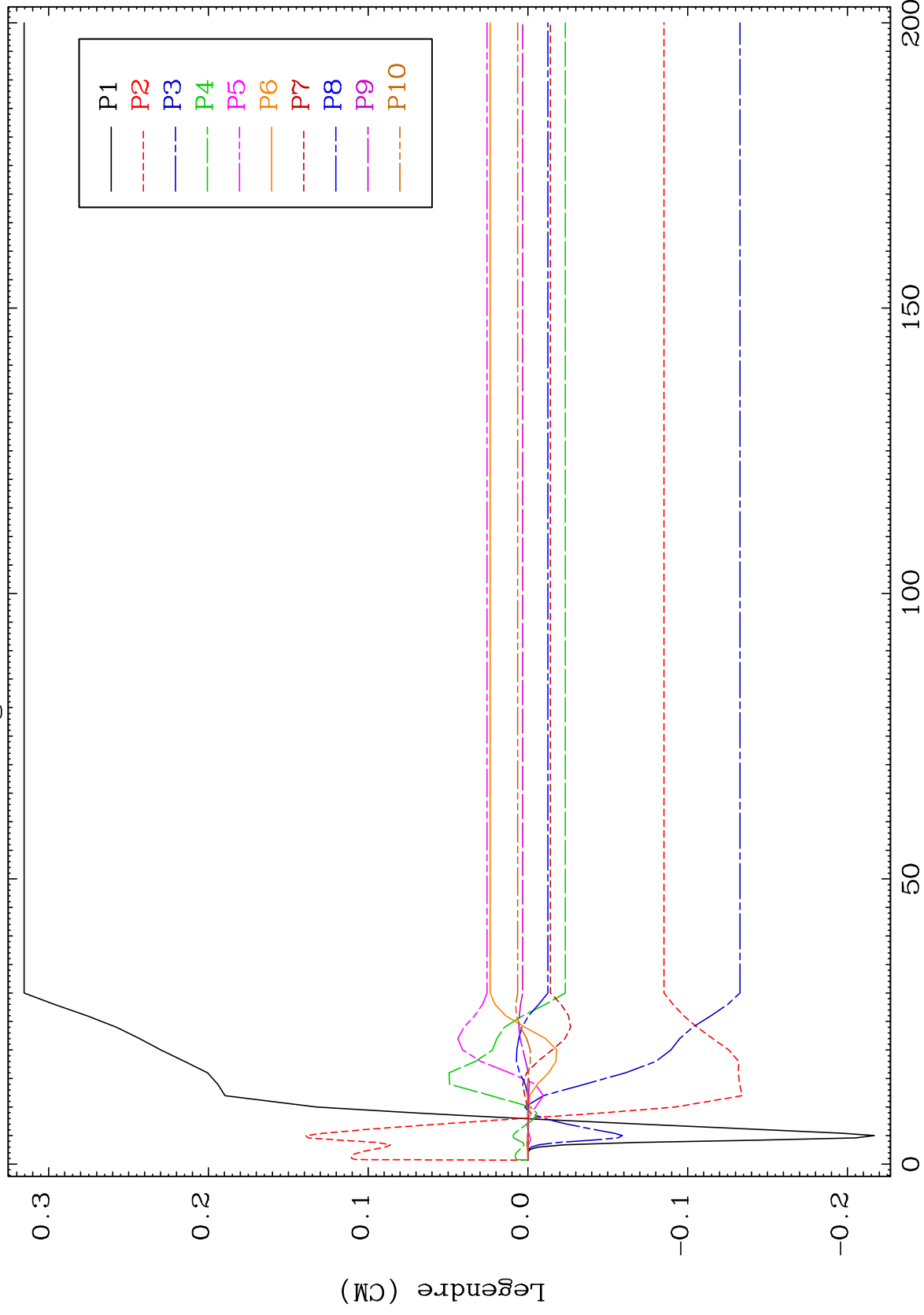
83-Bi-194



MAT 8280

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

83-Bi-194



47

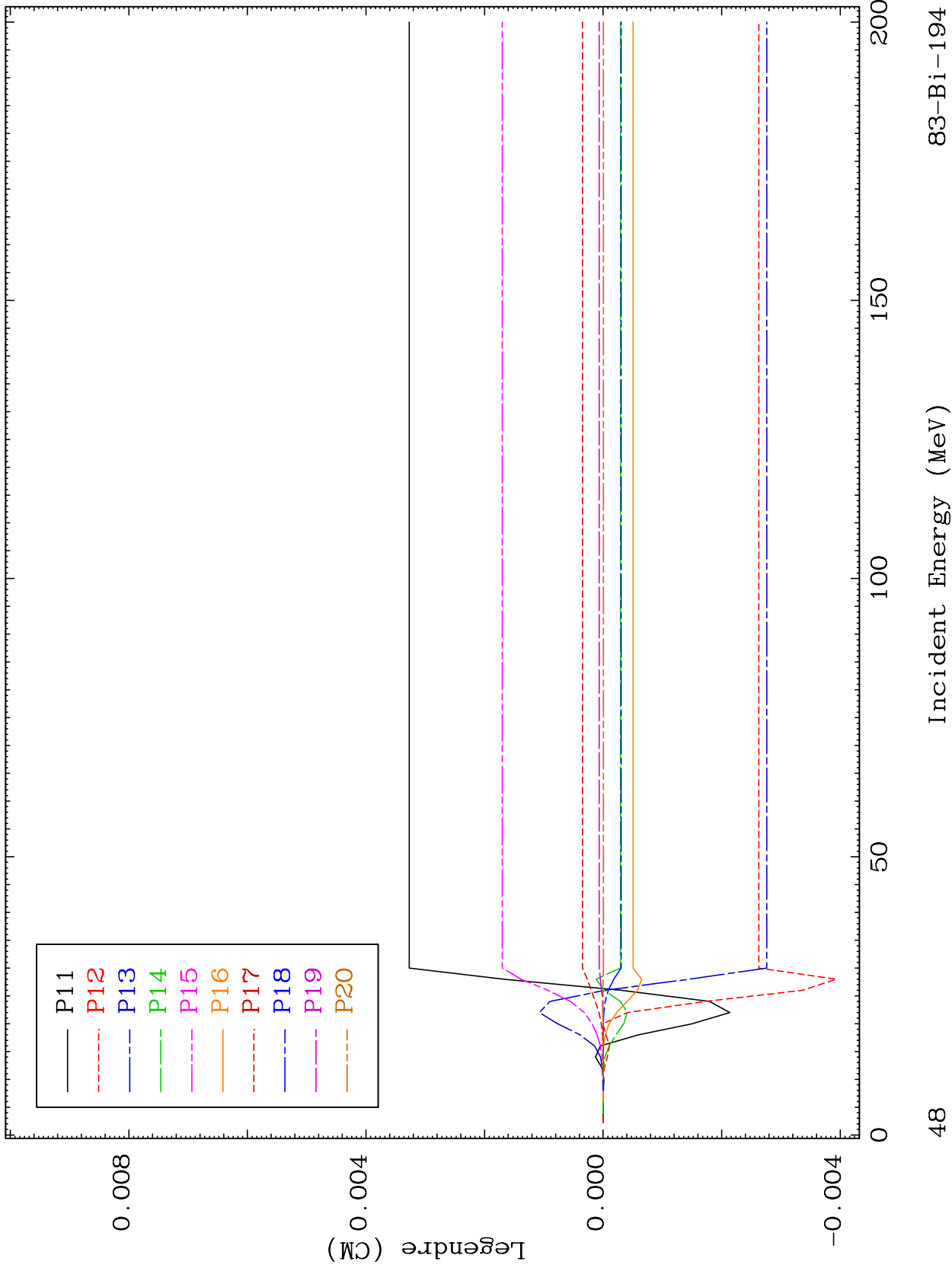
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



83-Bi-194

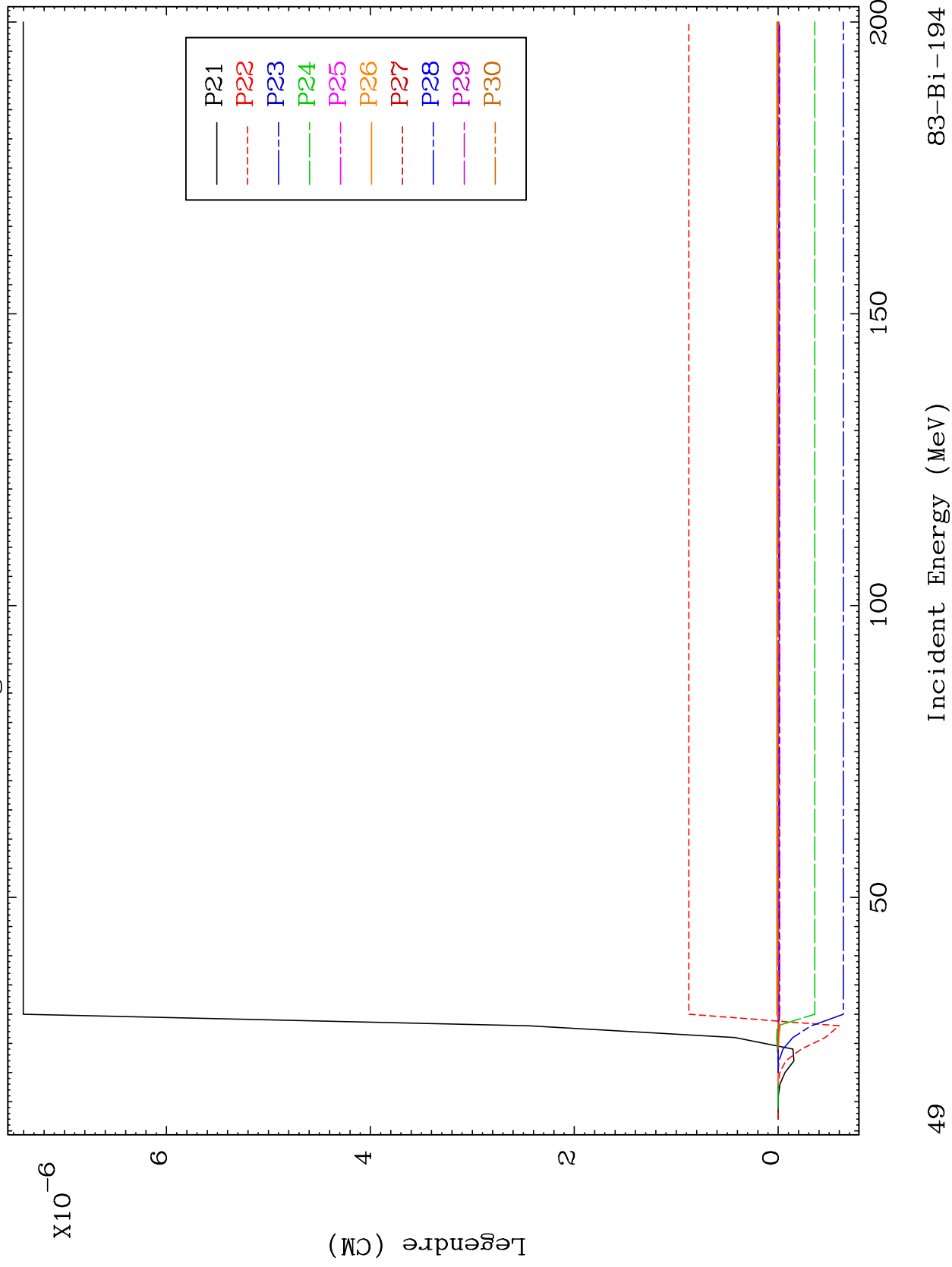
Incident Energy (MeV)

48

MAT 8280

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

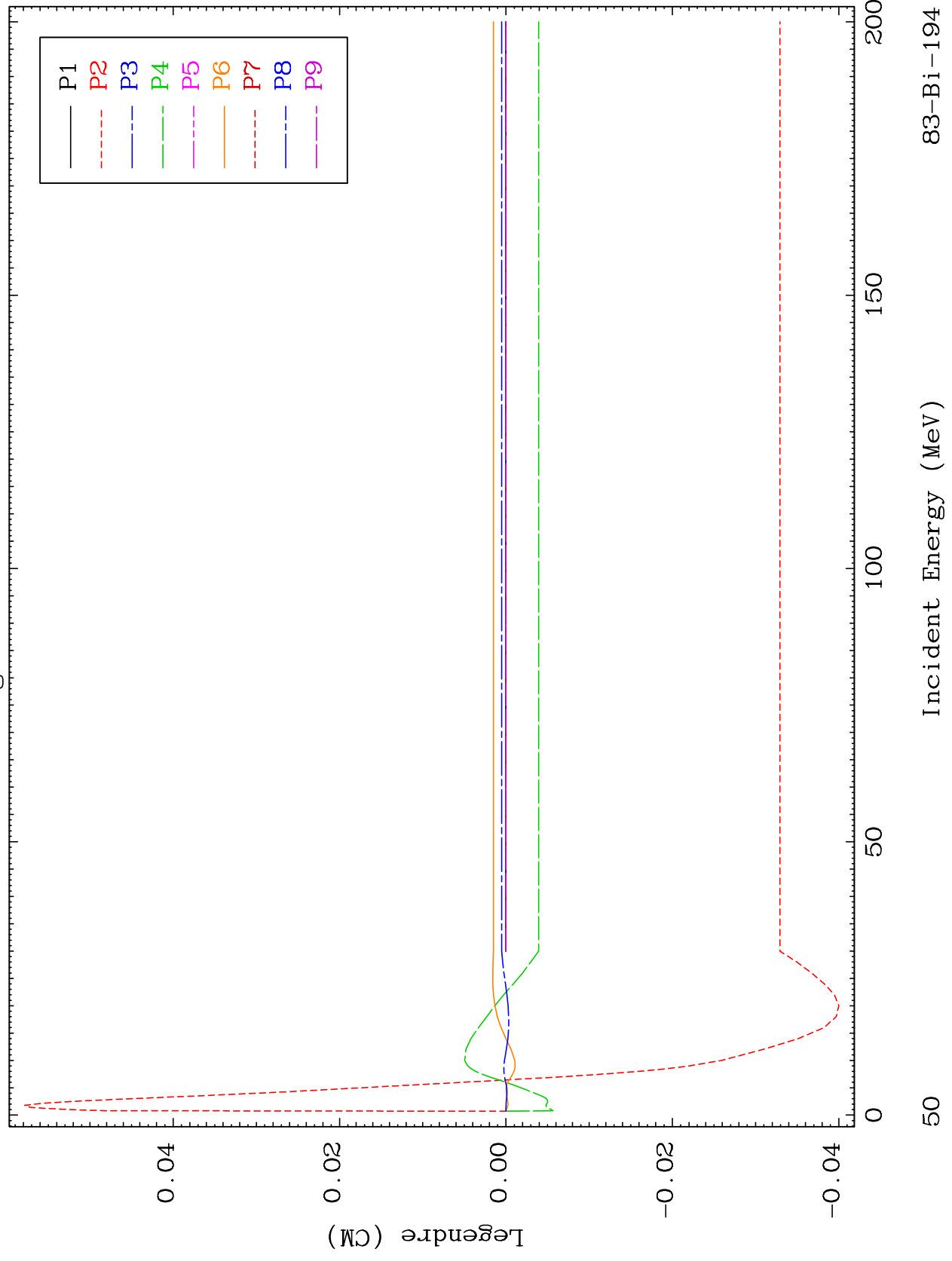
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MAT 8280

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

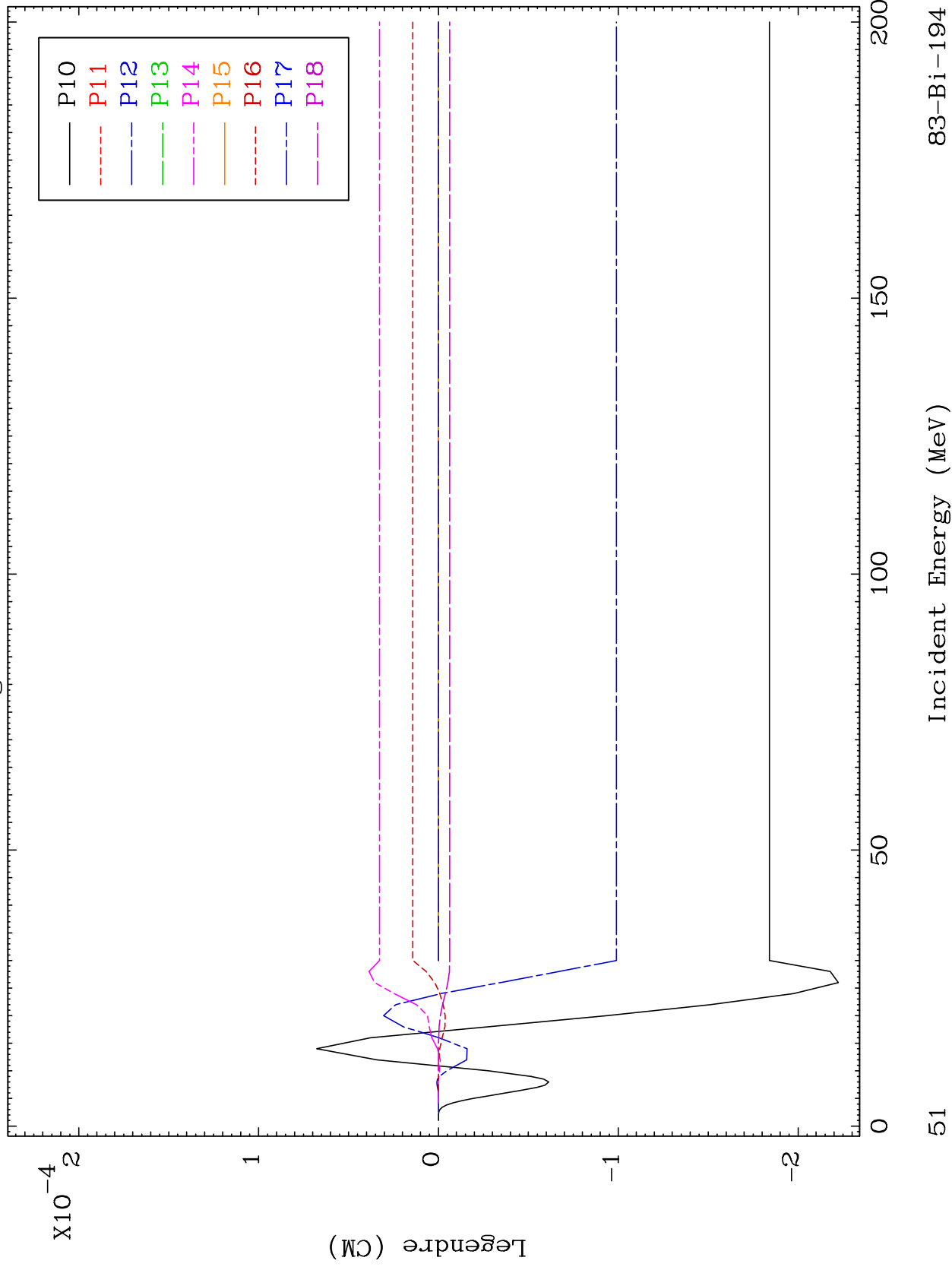
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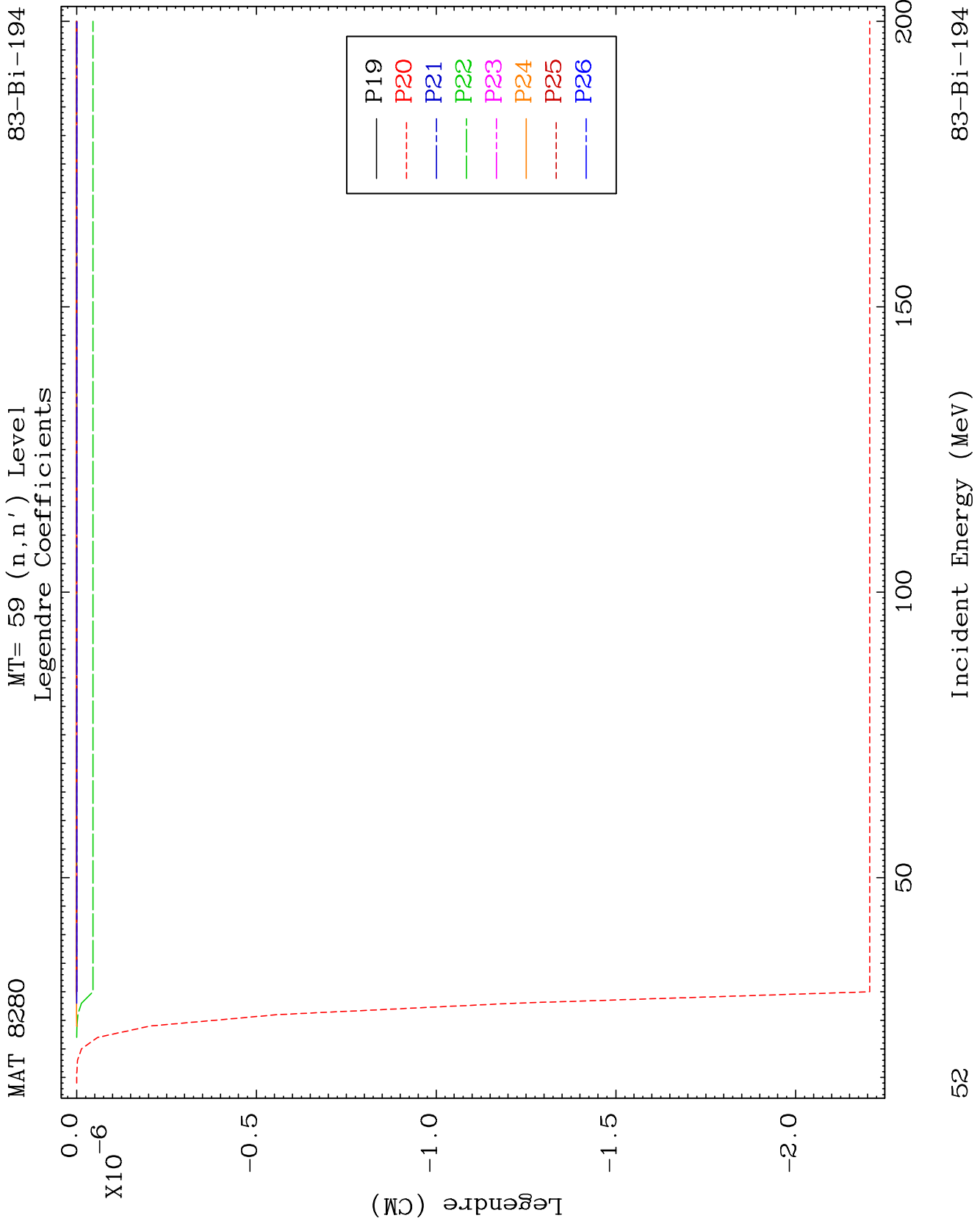


MAT 8280

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

83-Bi-194

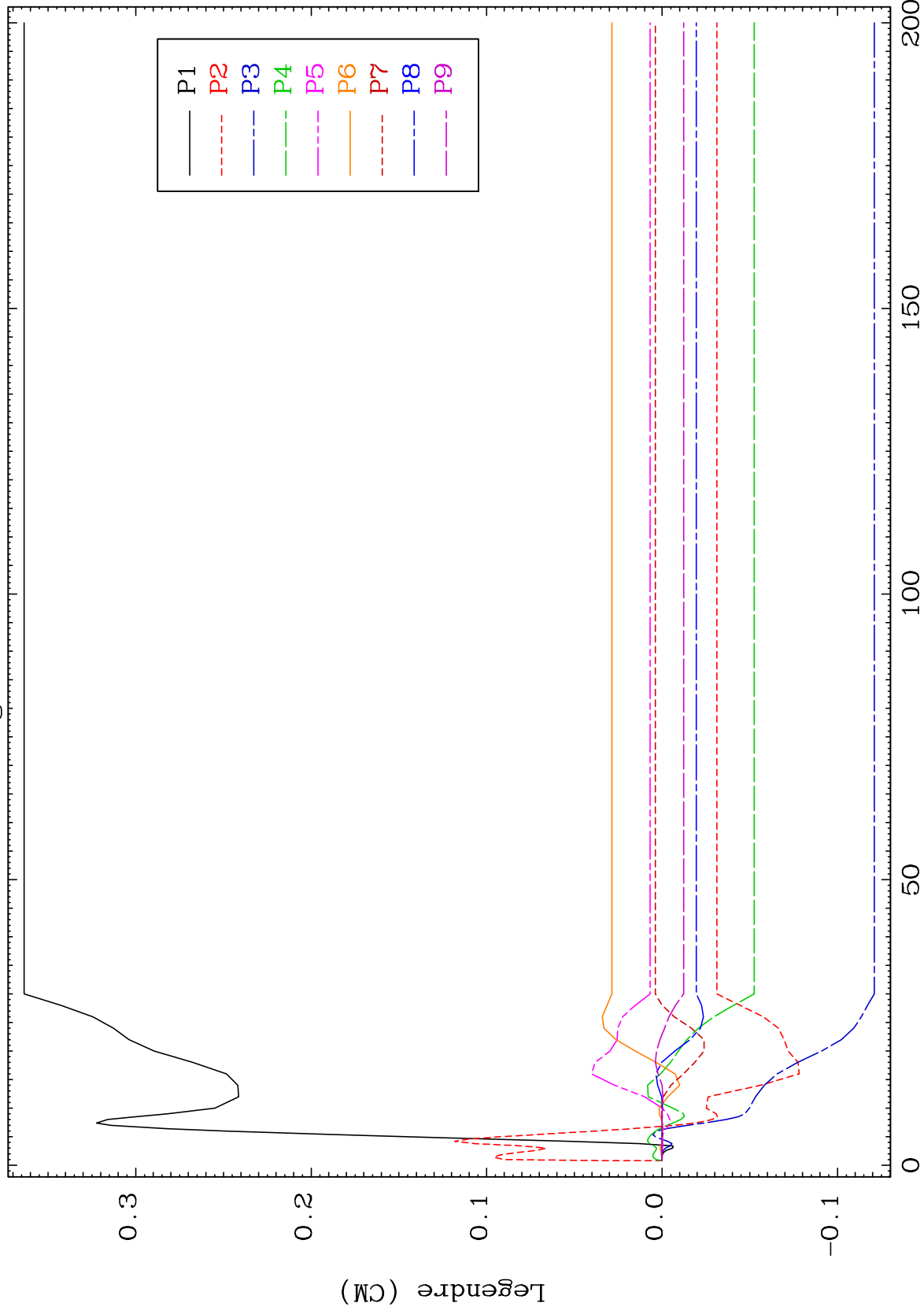




MAT 8280

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

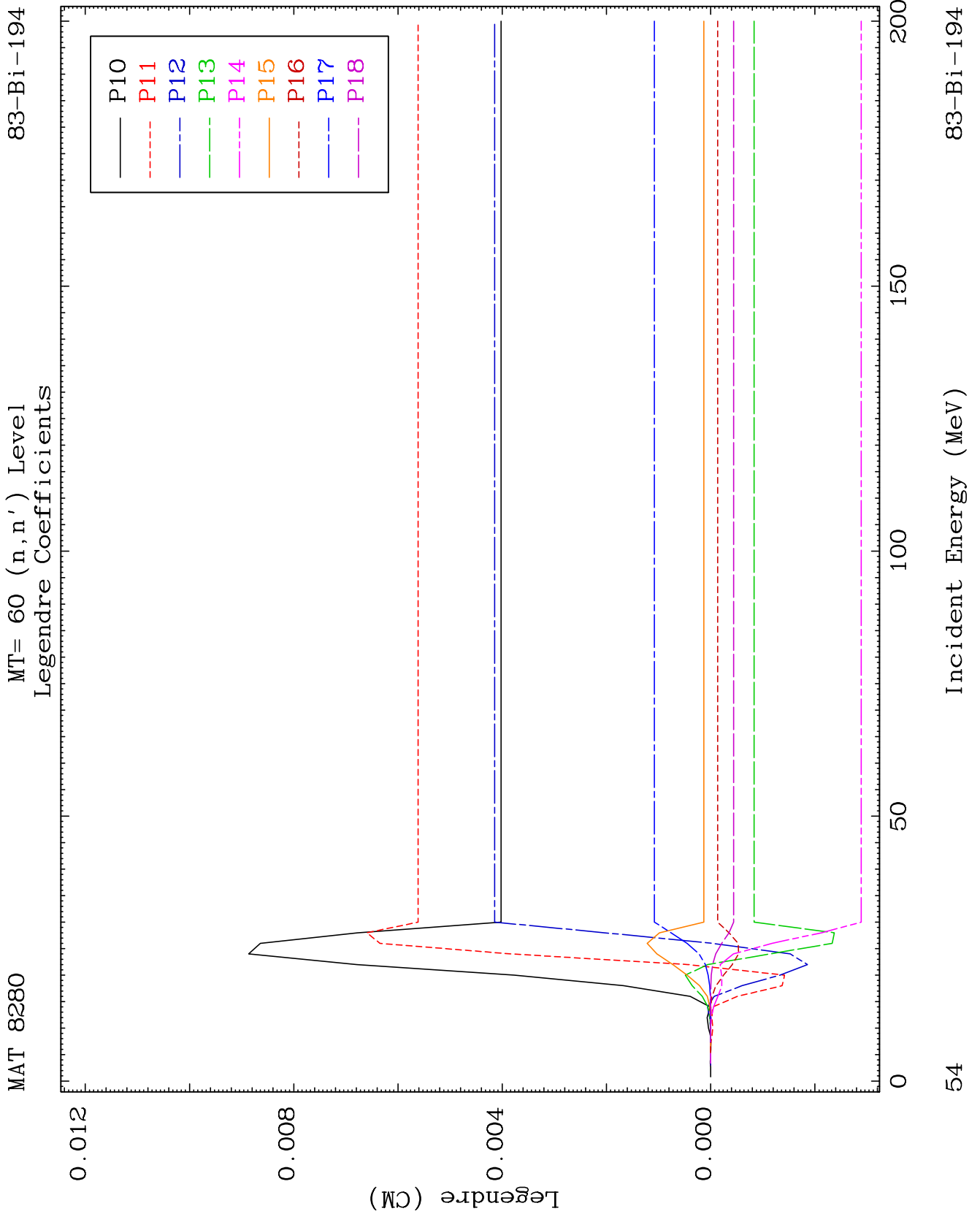
83-Bi-194



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Incident Energy (MeV)

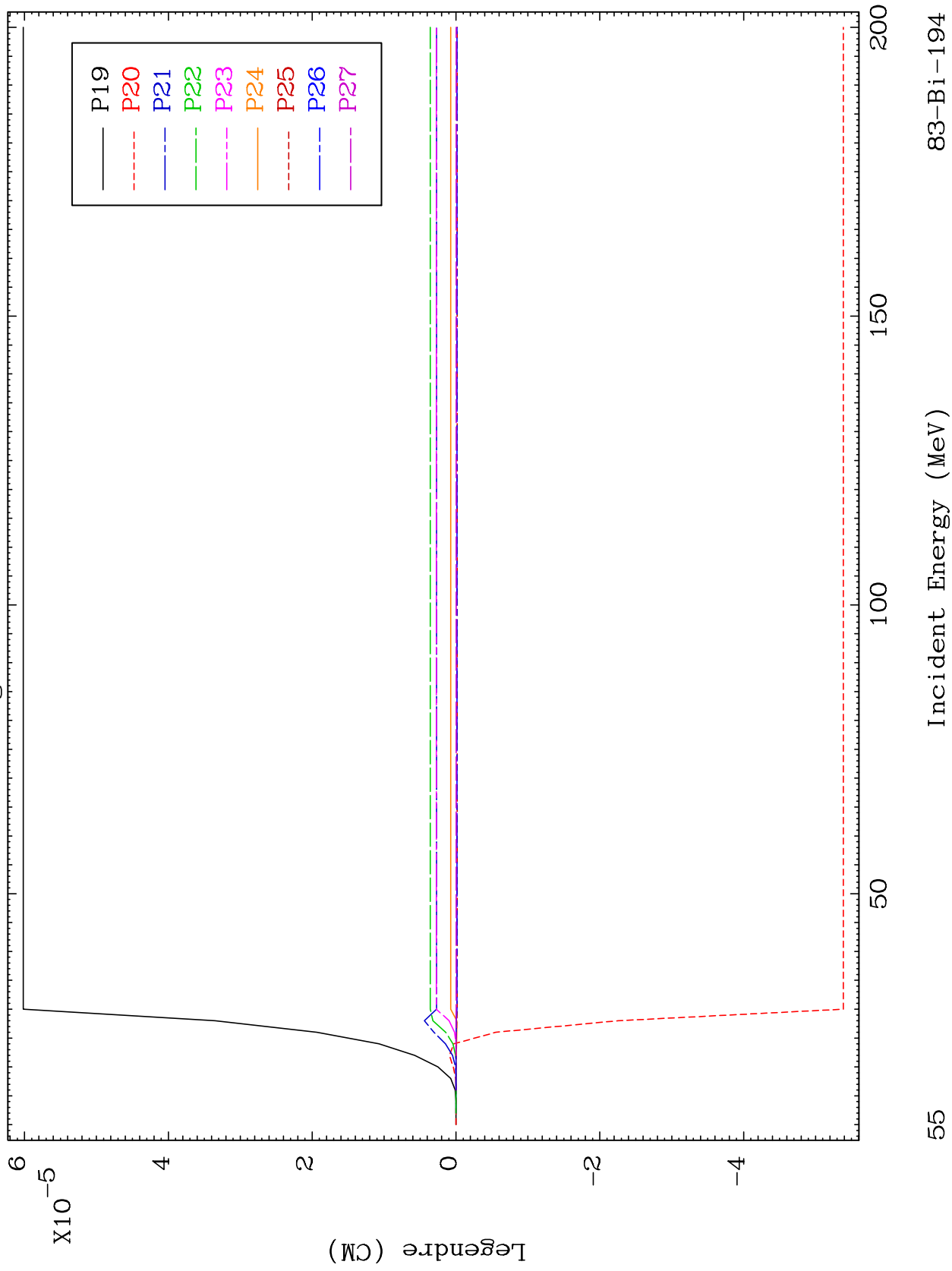
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MAT 8280

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

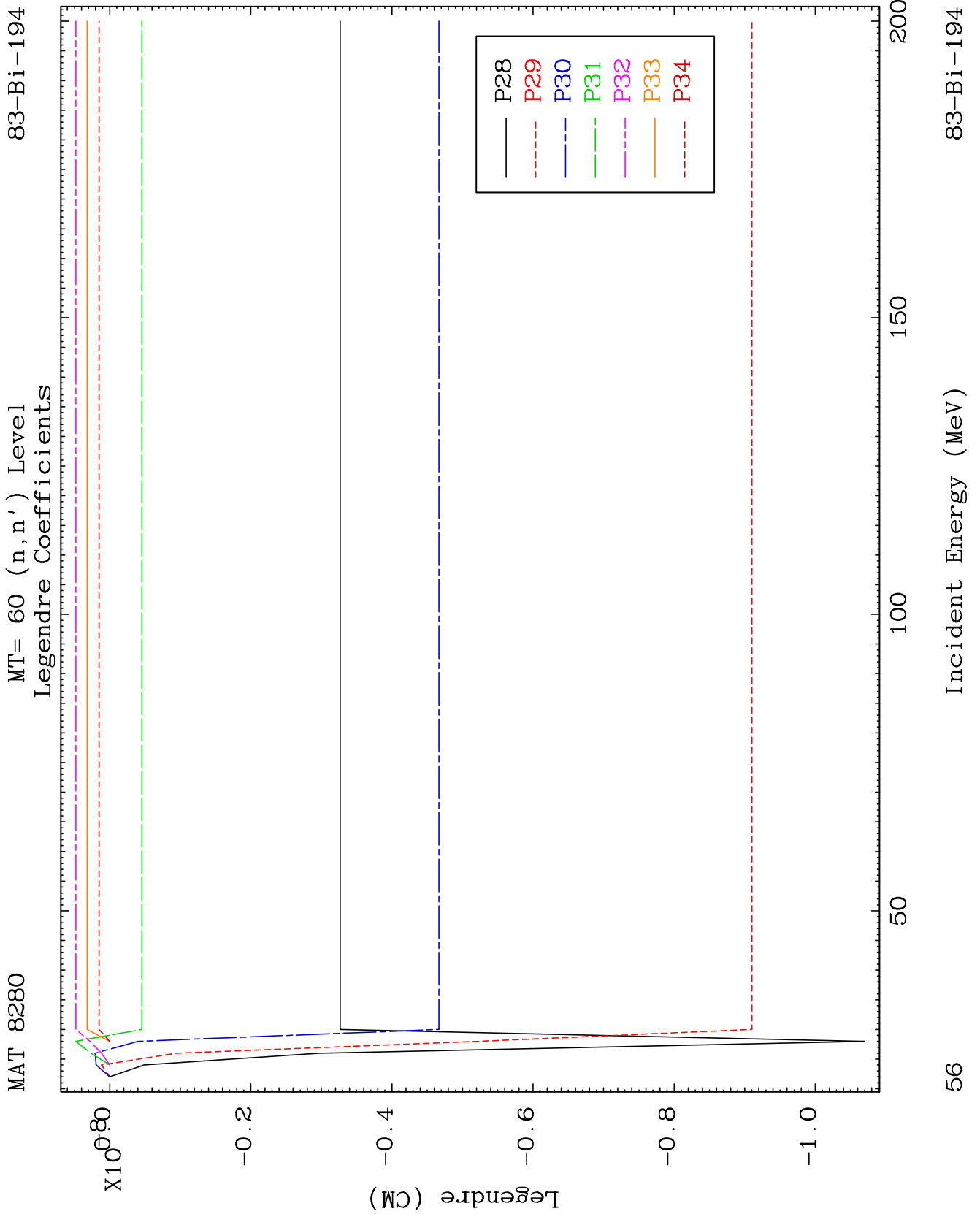
83-Bi-194



55

Incident Energy (MeV)

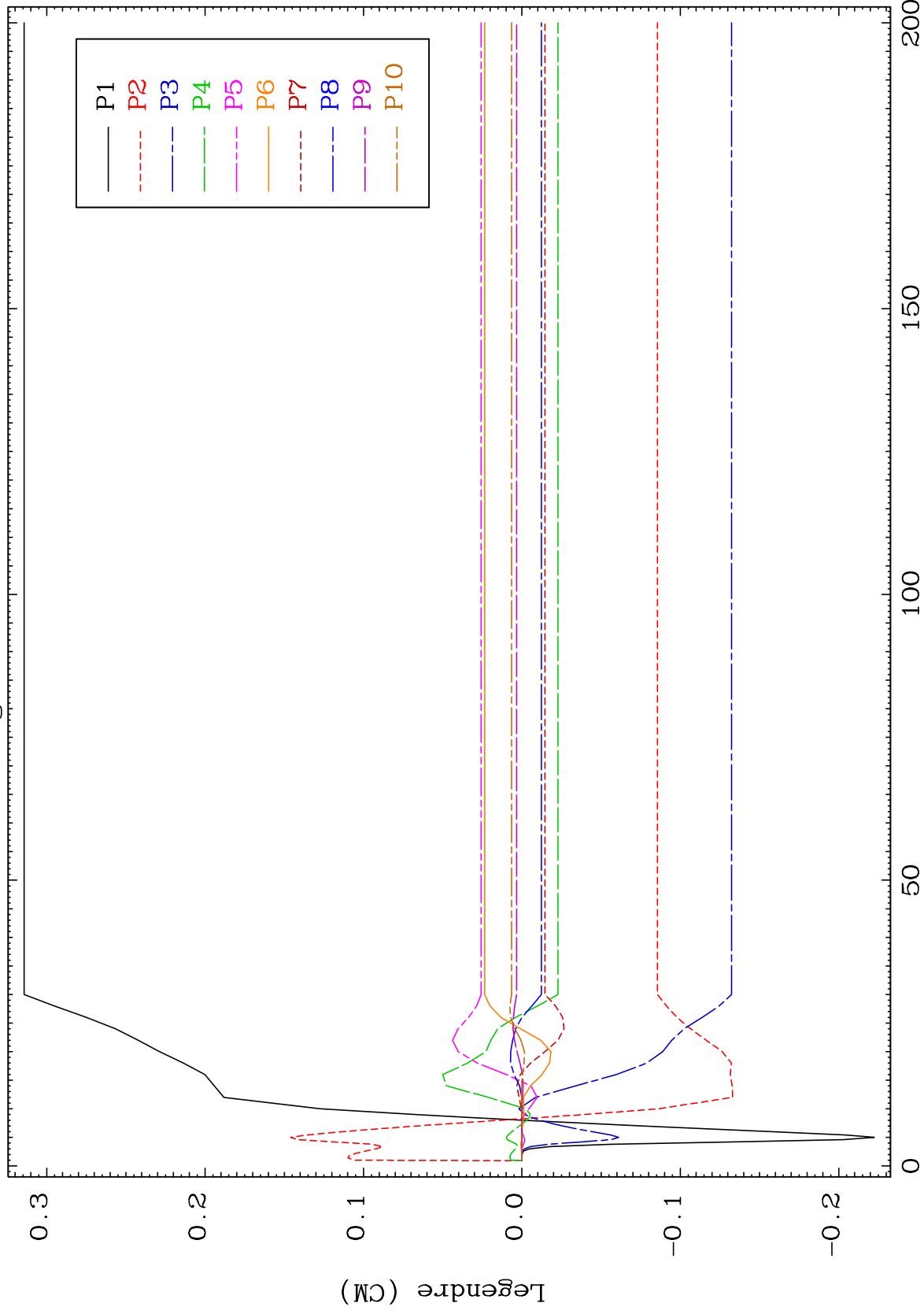
83-Bi-194



MAT 8280

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

83-Bi-194



57

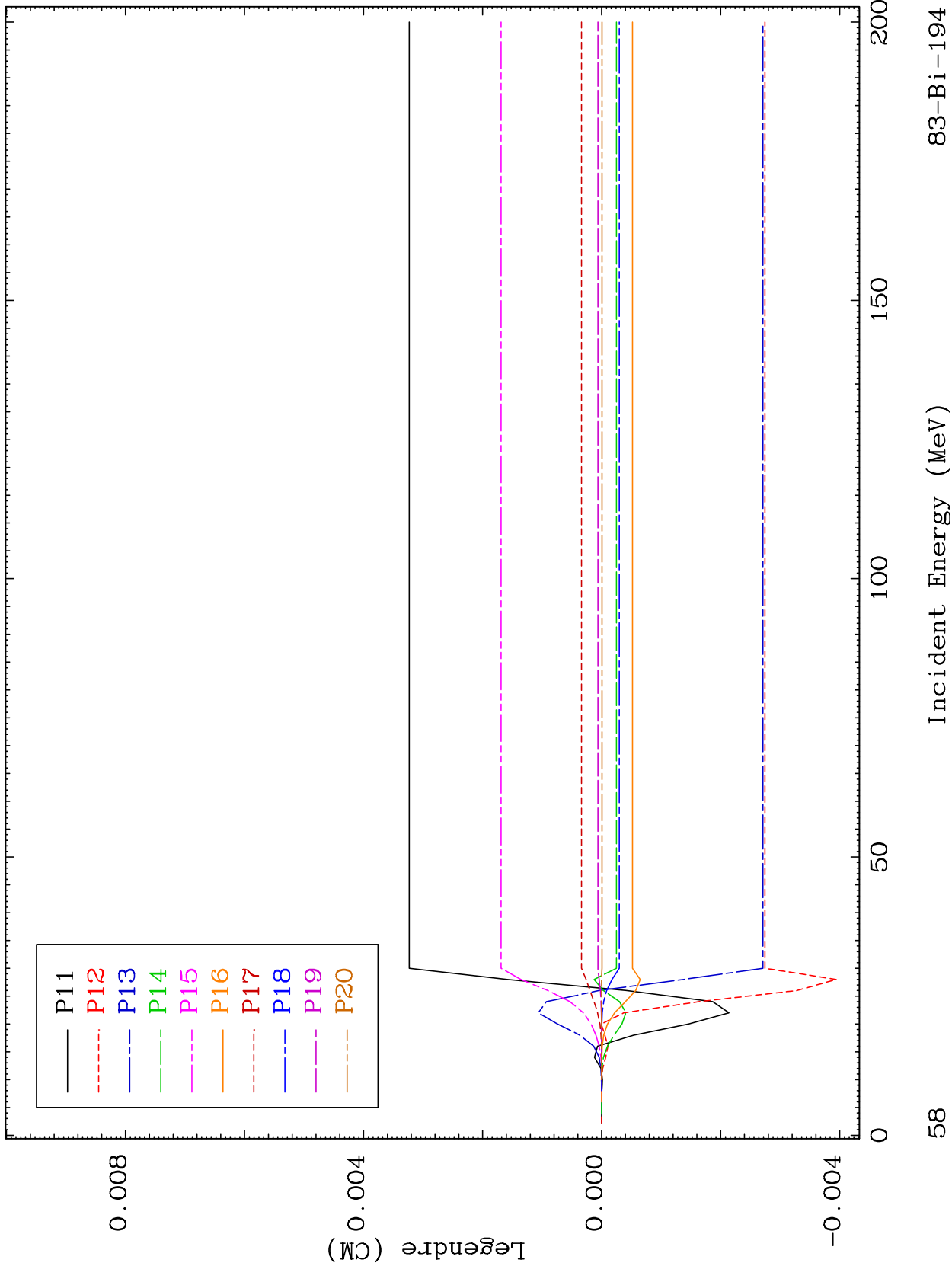
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



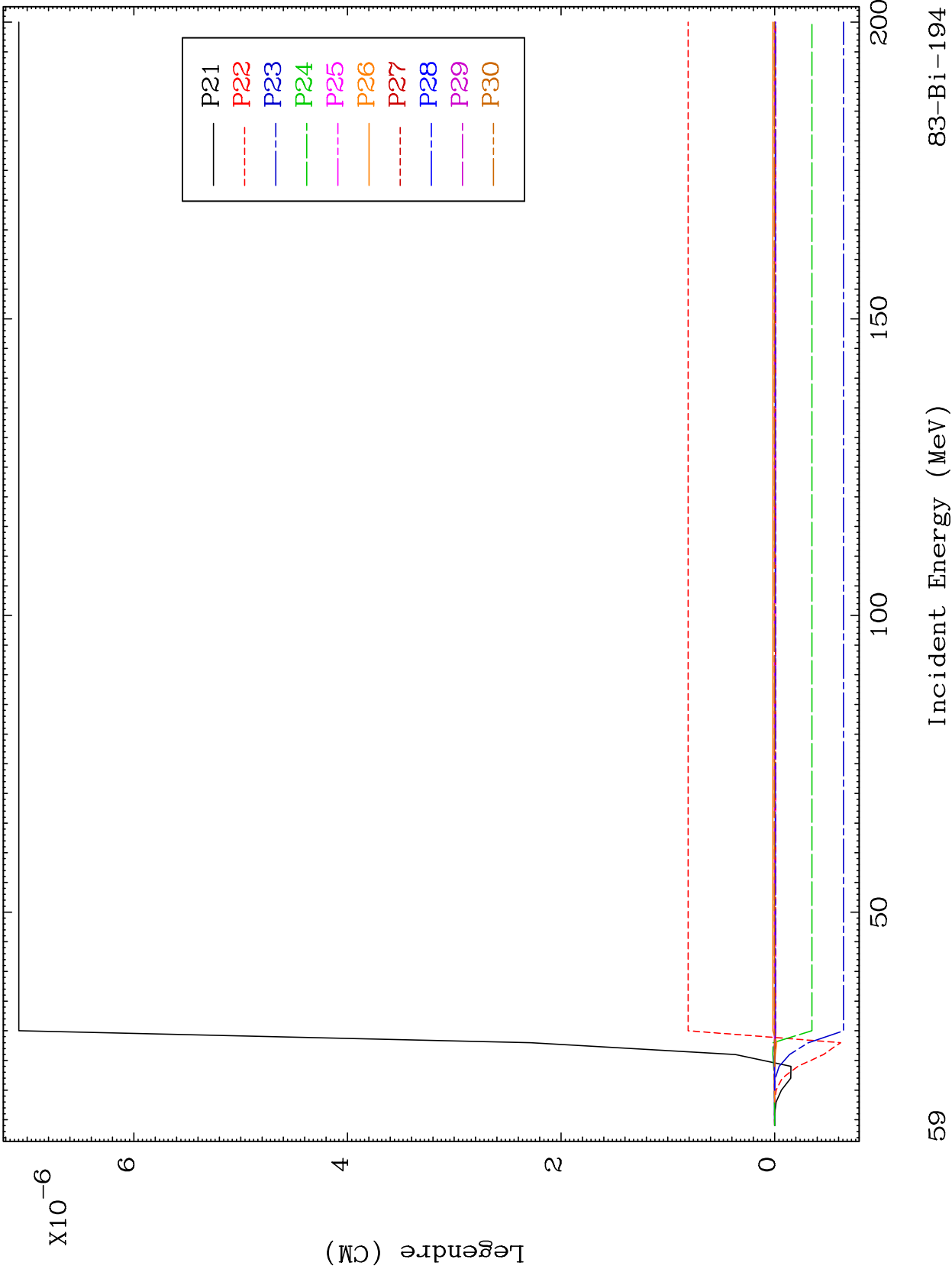
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83-Bi-194

MAT 8280

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

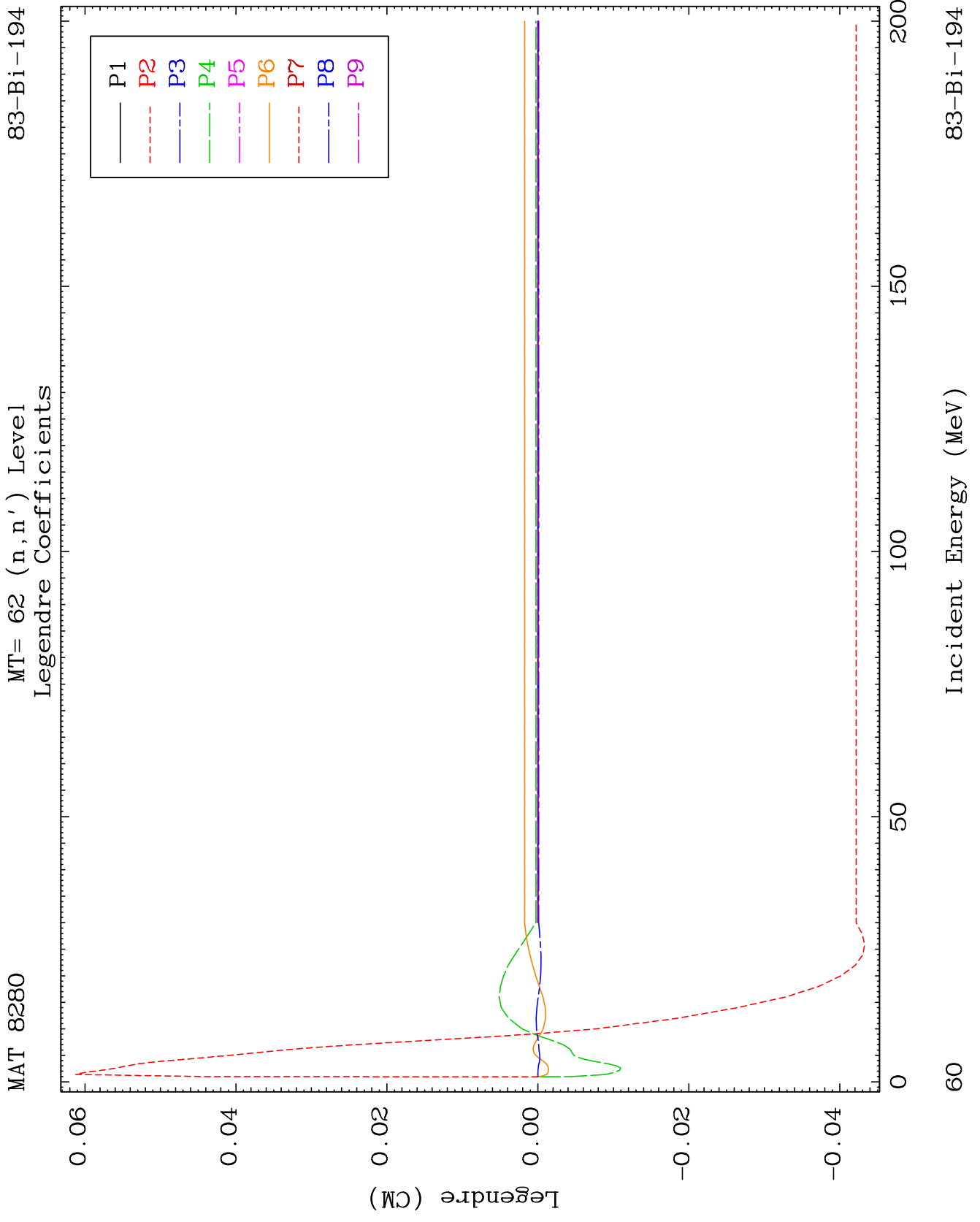
83-Bi-194



59

Incident Energy (MeV)

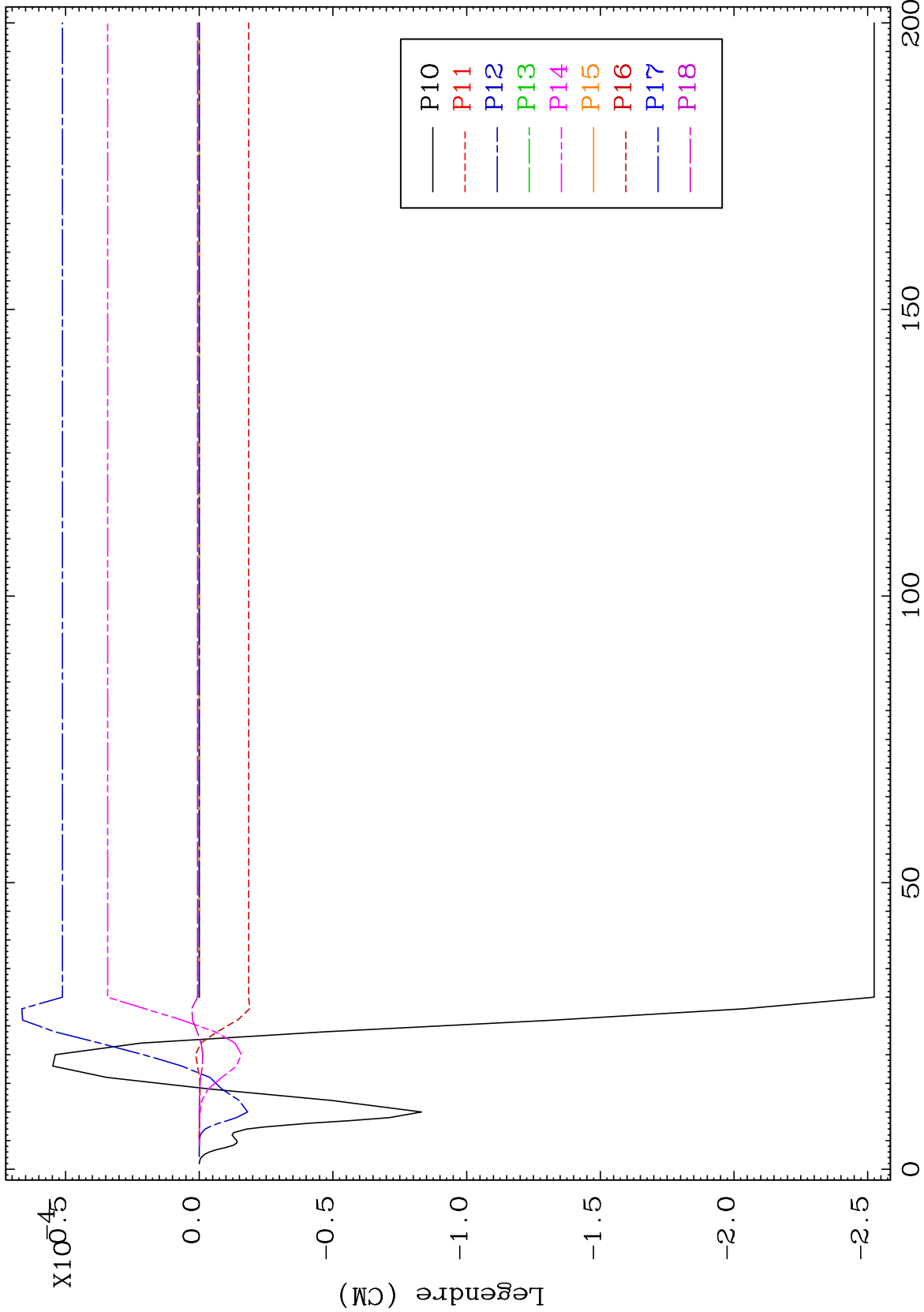
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MAT 8280

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

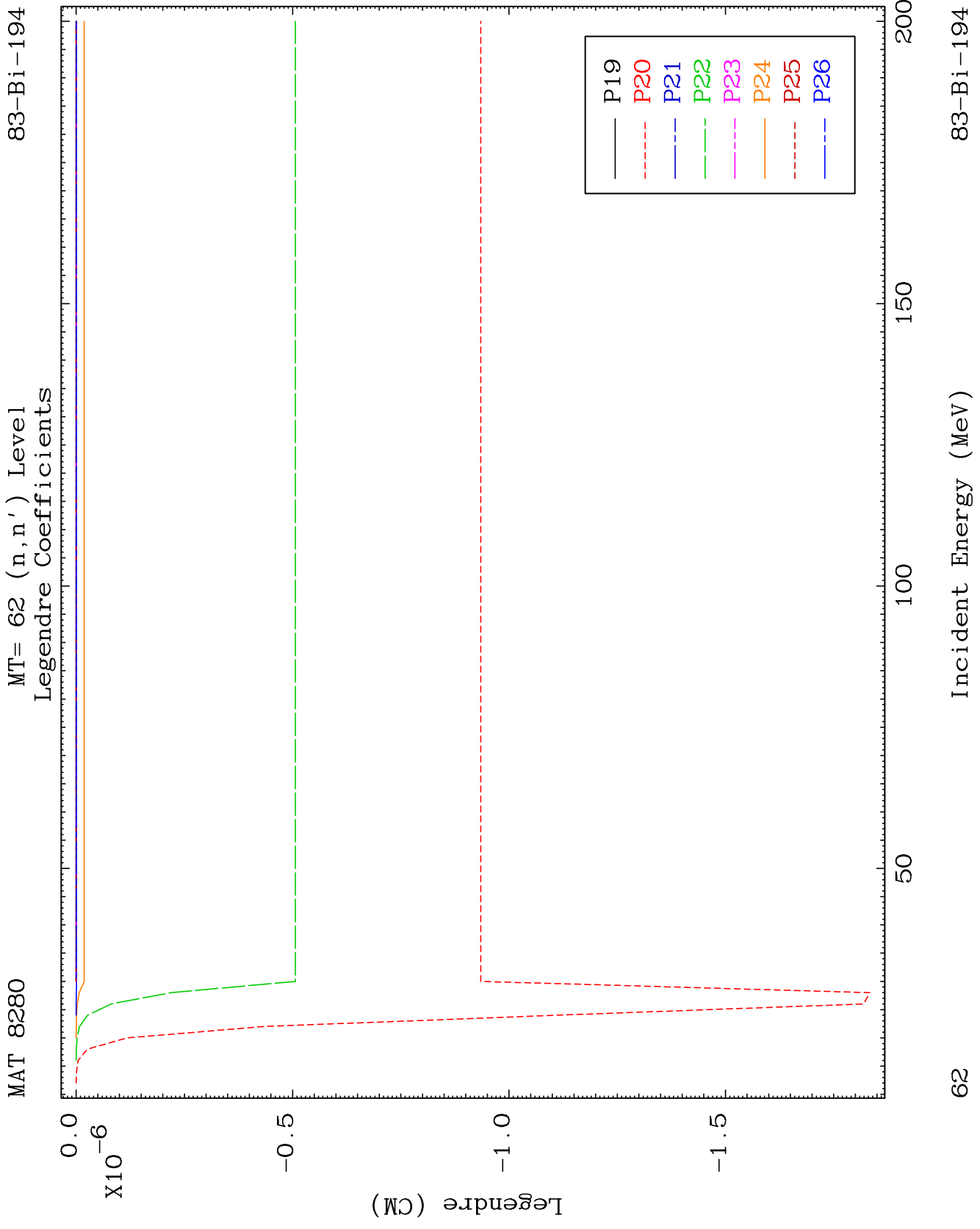
83-Bi-194



61

Incident Energy (MeV)

83-Bi-194



MAT 8280

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

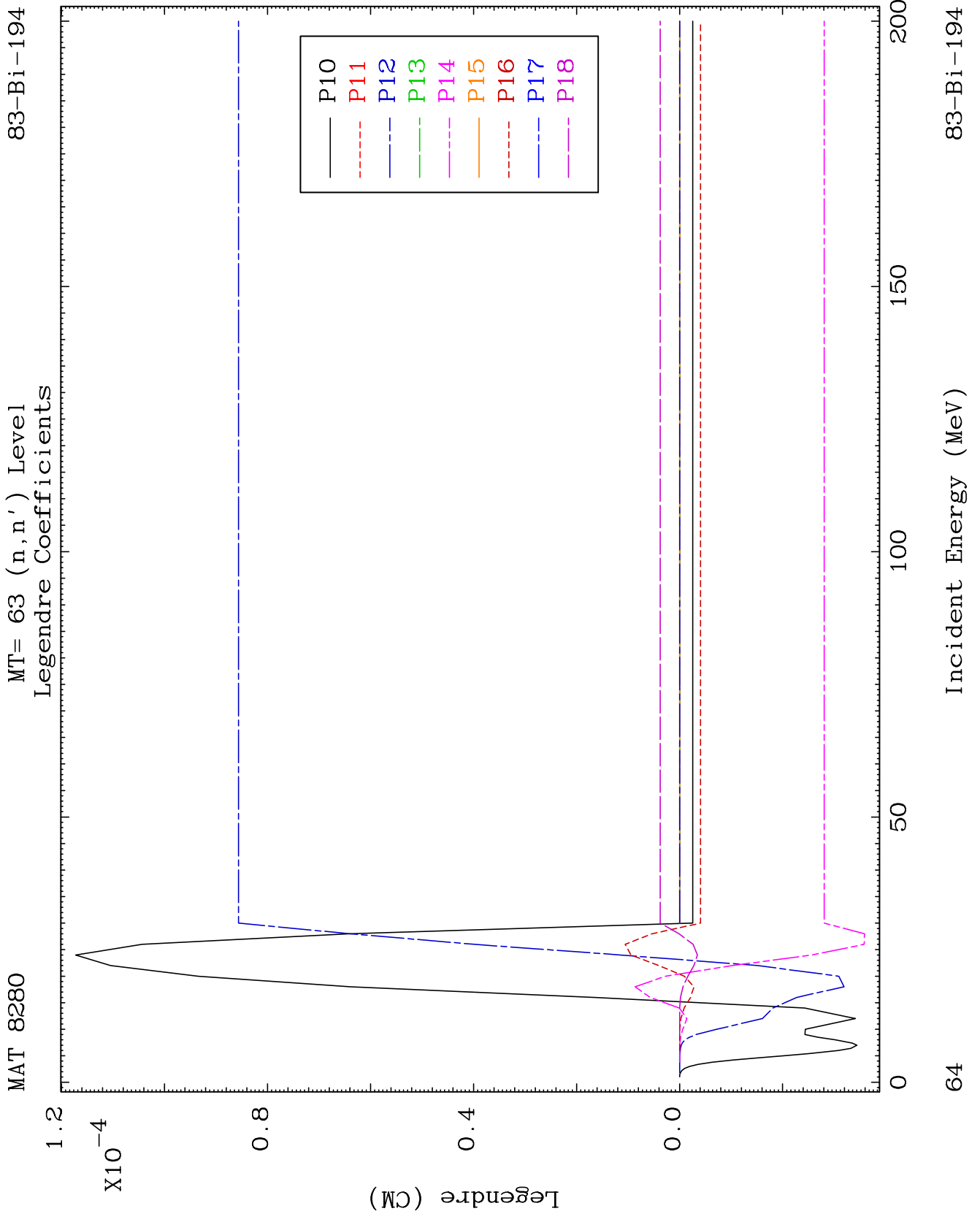
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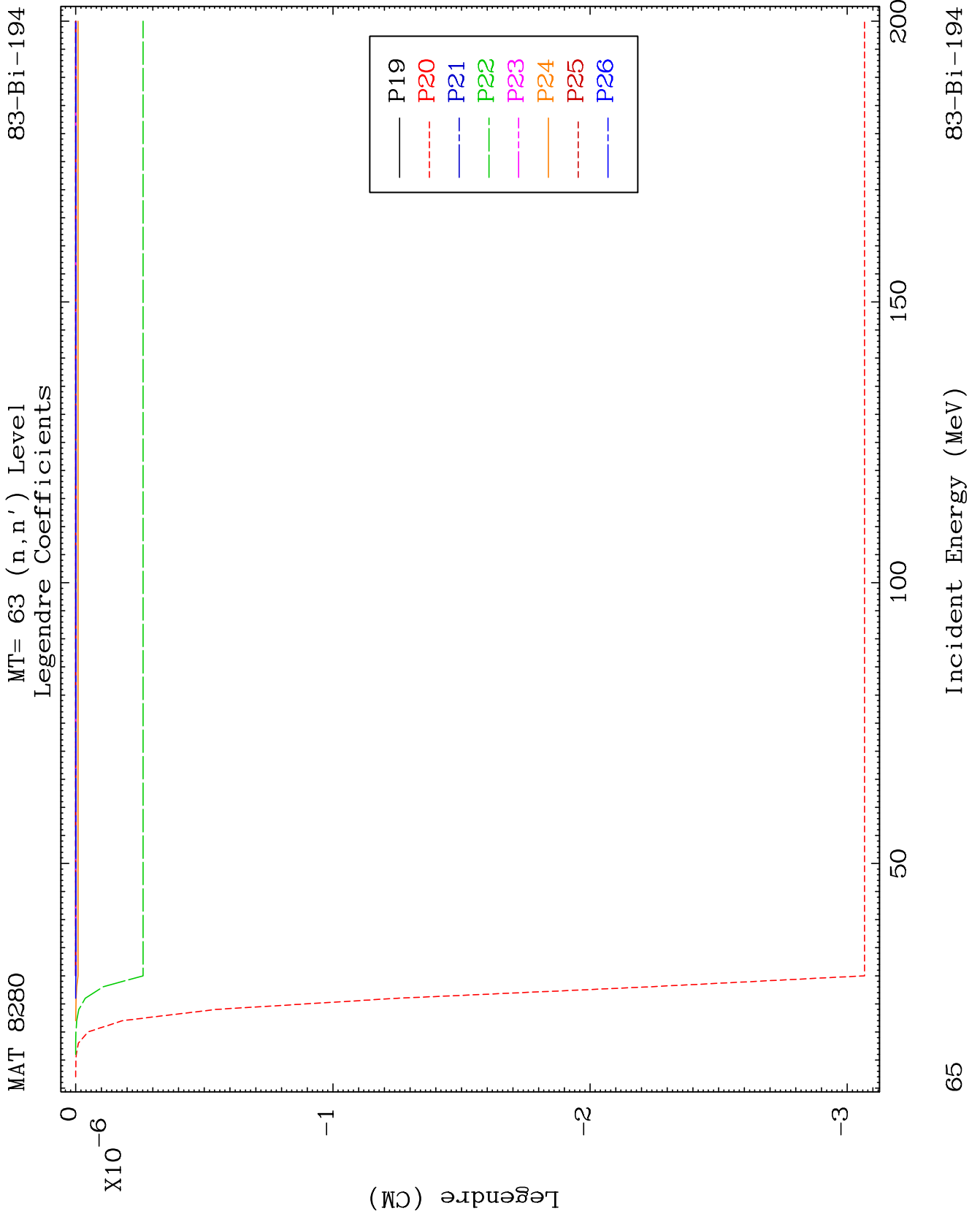


63

Incident Energy (MeV)

83-Bi-194

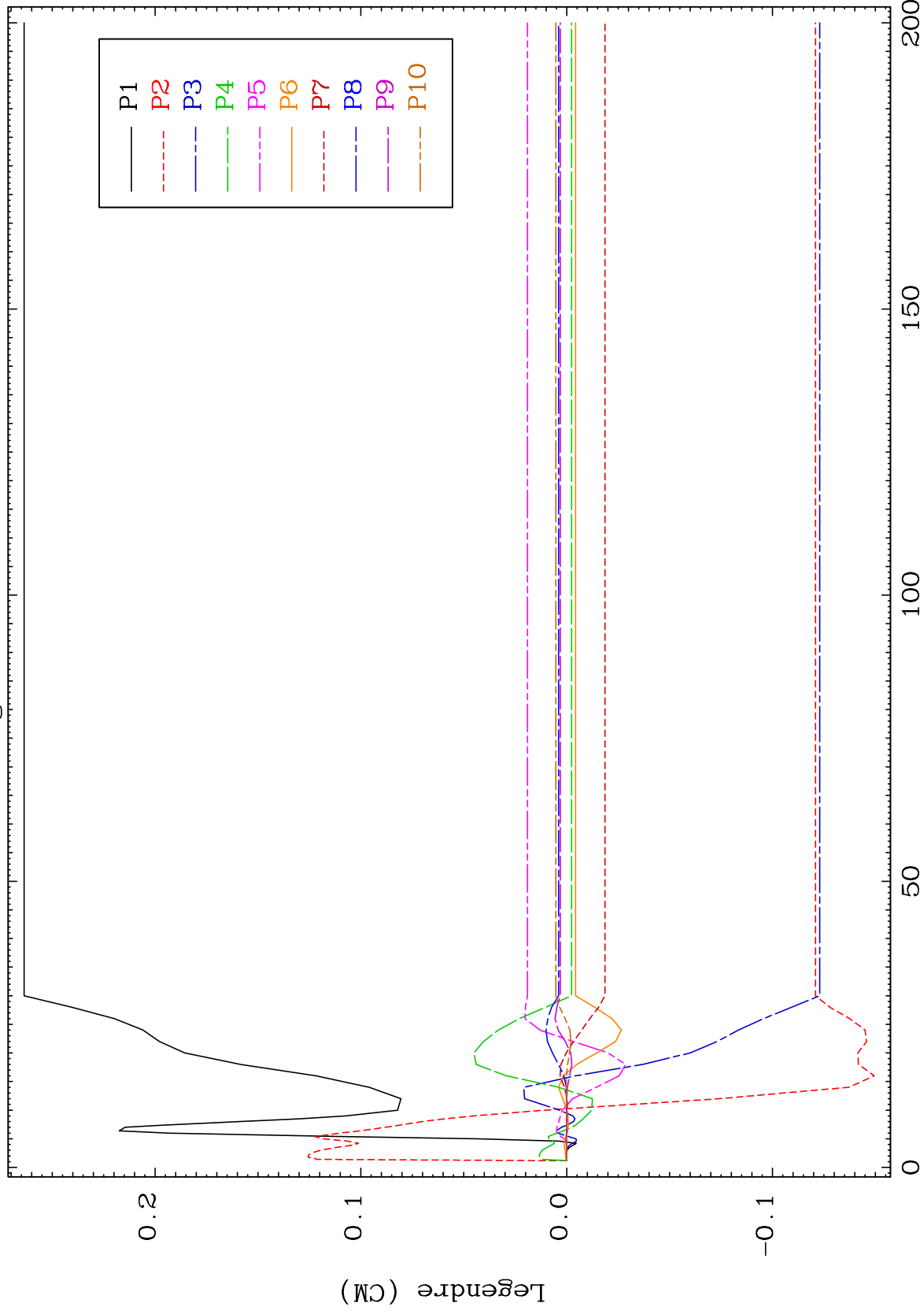




MAT 8280

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

83-Bi-194



66

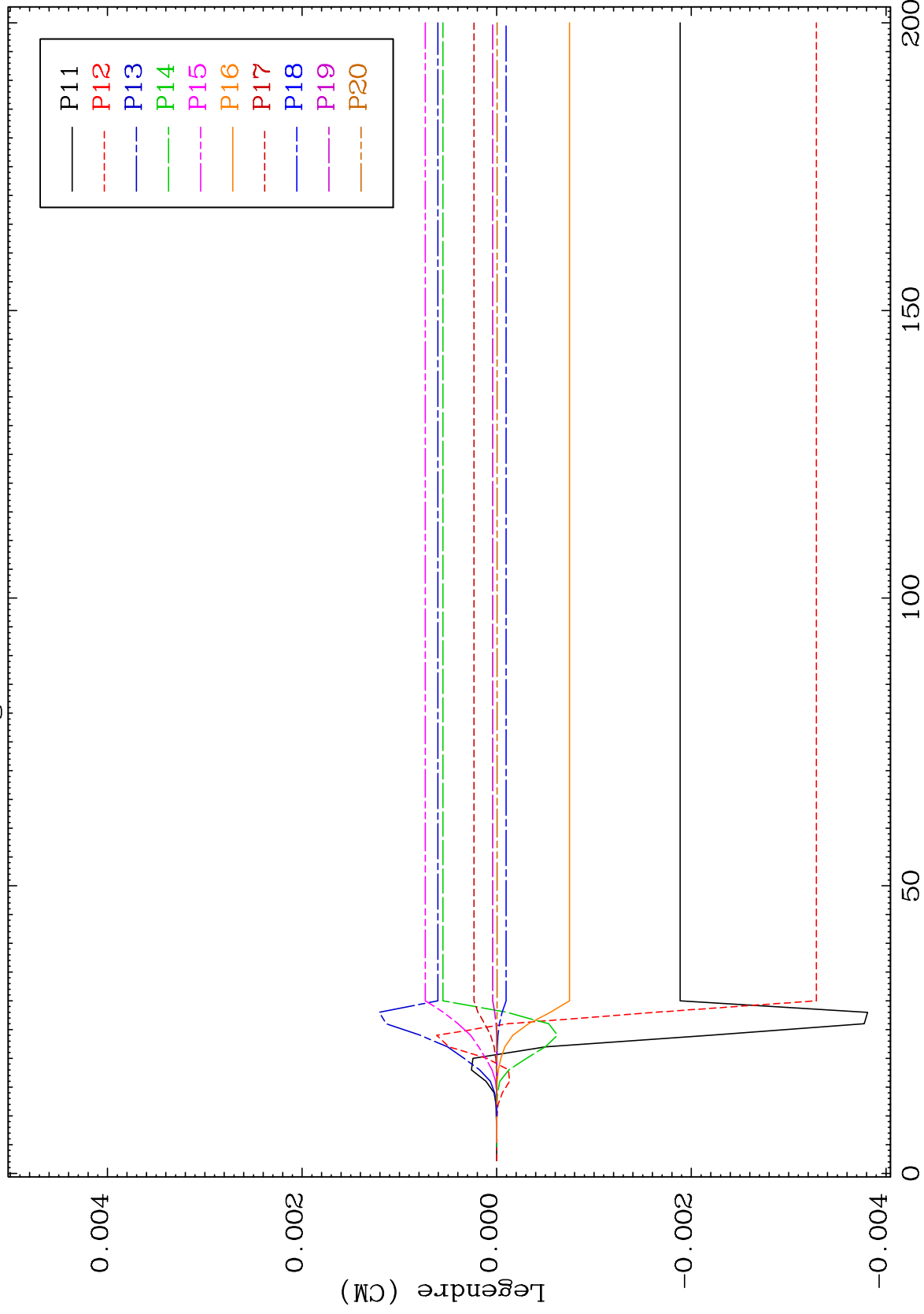
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

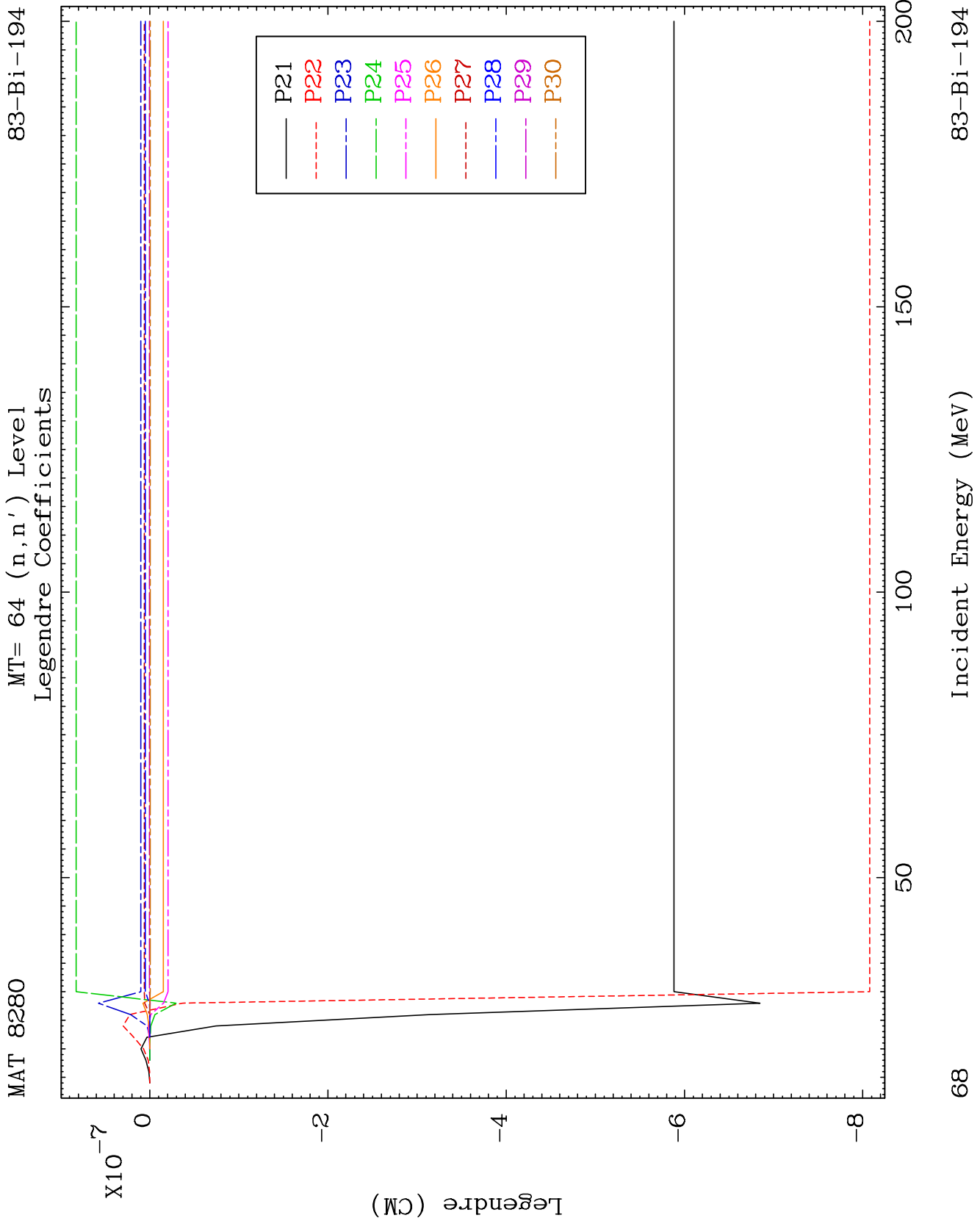
83-Bi-194



67

Incident Energy (MeV)

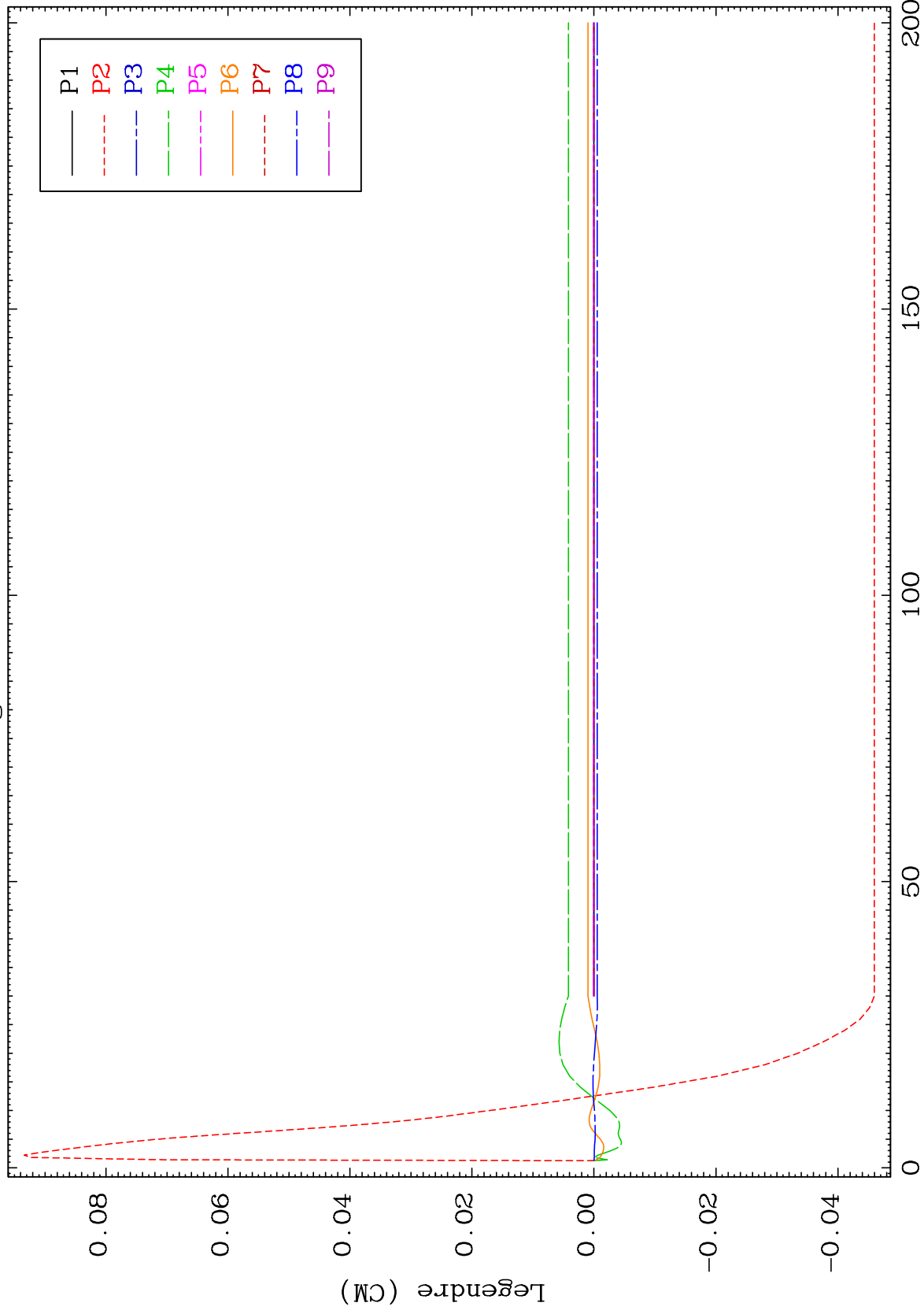
83-Bi-194



MAT 8280

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

83-Bi-194



69

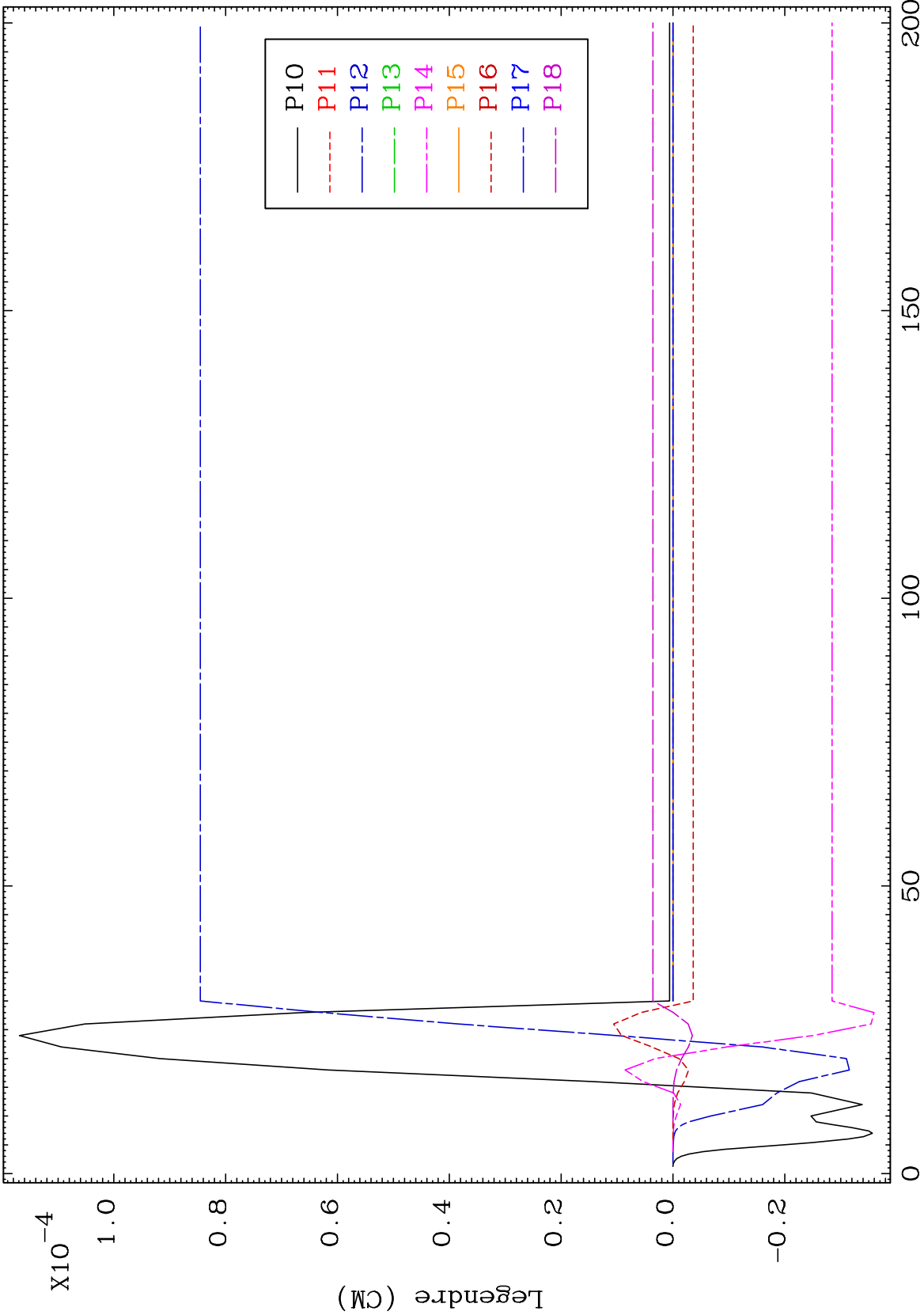
Incident Energy (MeV)

83-Bi-194

MAT 8280

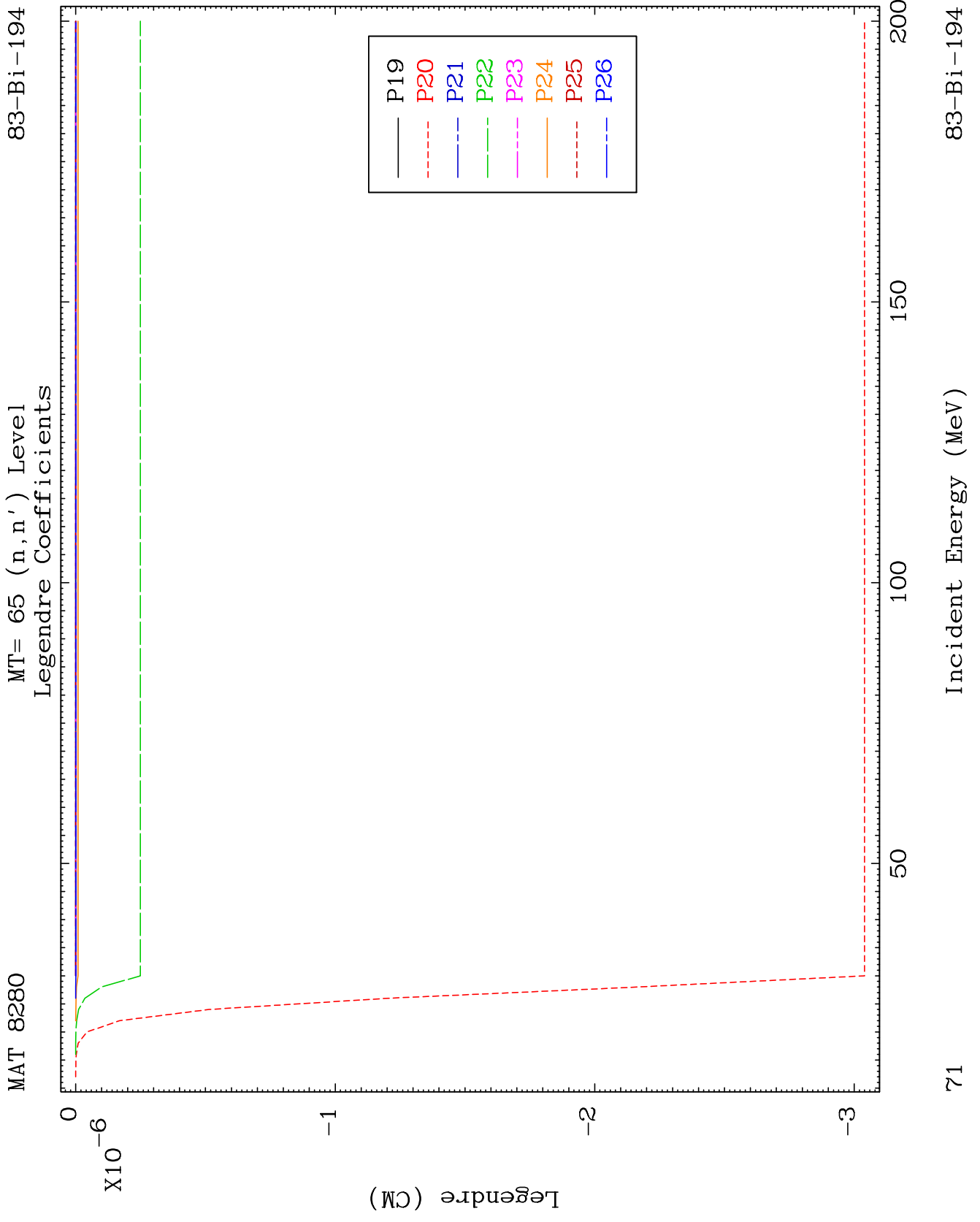
MT= 65 (n,n') Level
Legendre Coefficients

83-Bi-194



Incident Energy (MeV)

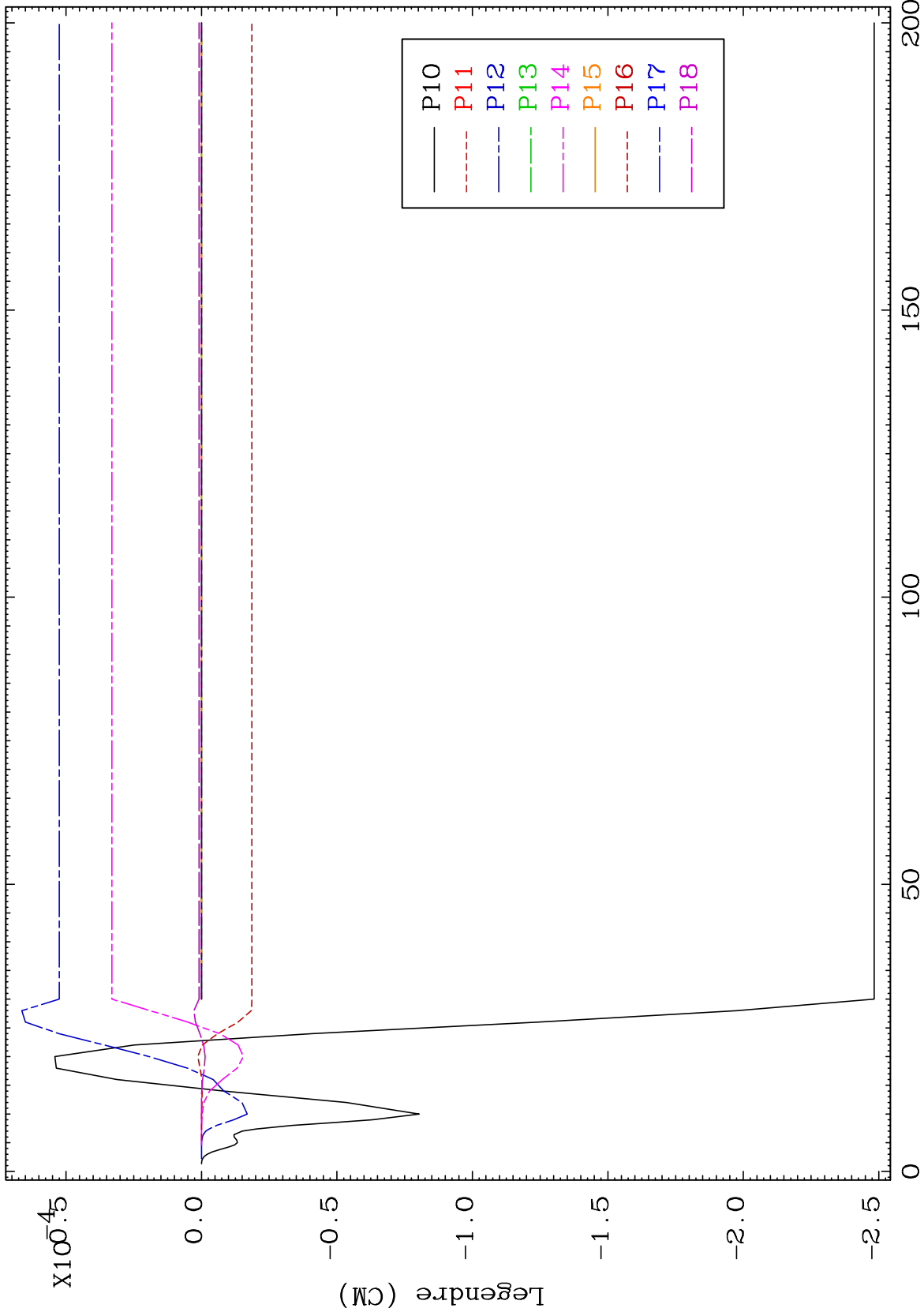
83-Bi-194



MAT 8280

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

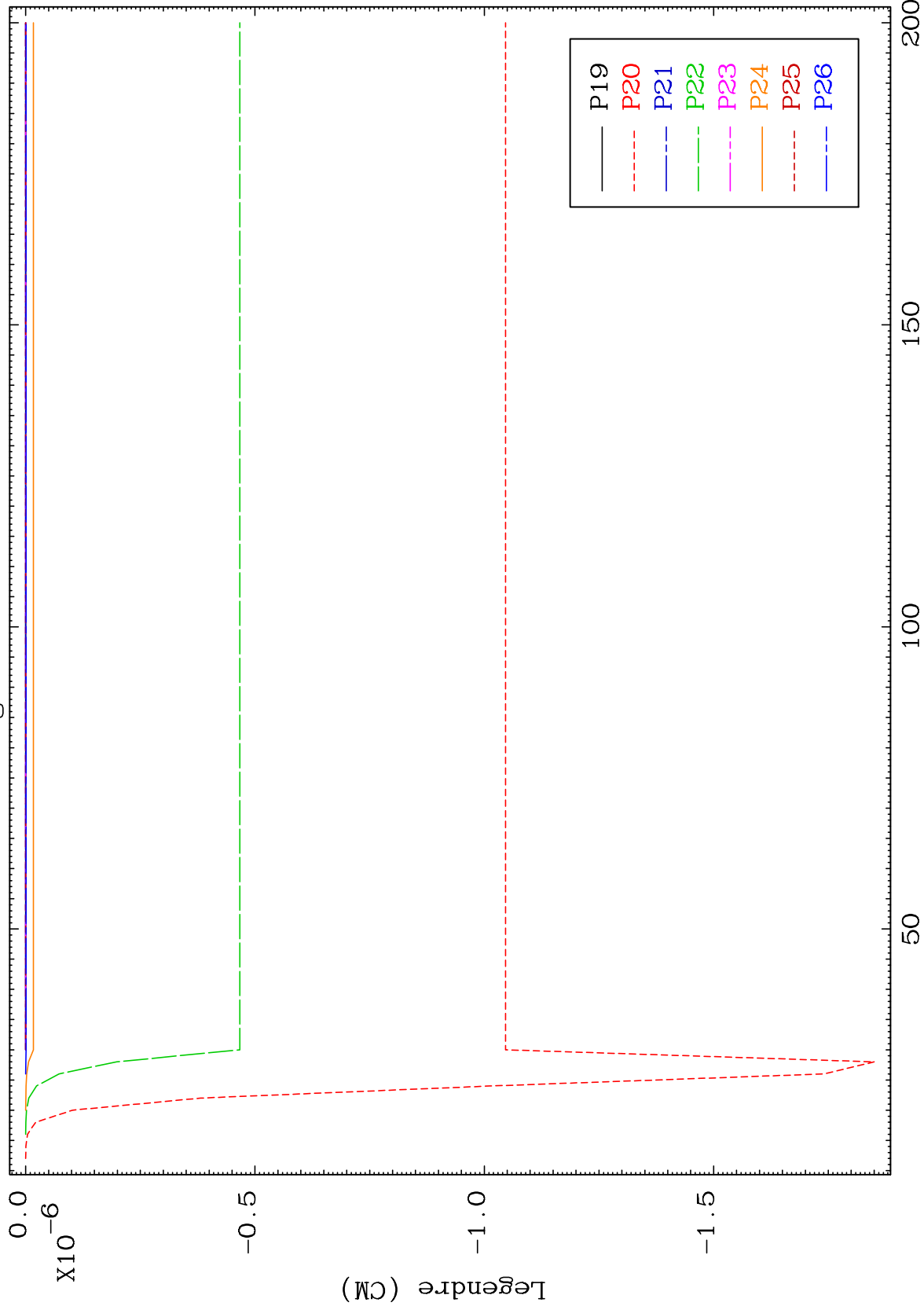
83-Bi-194



73

Incident Energy (MeV)

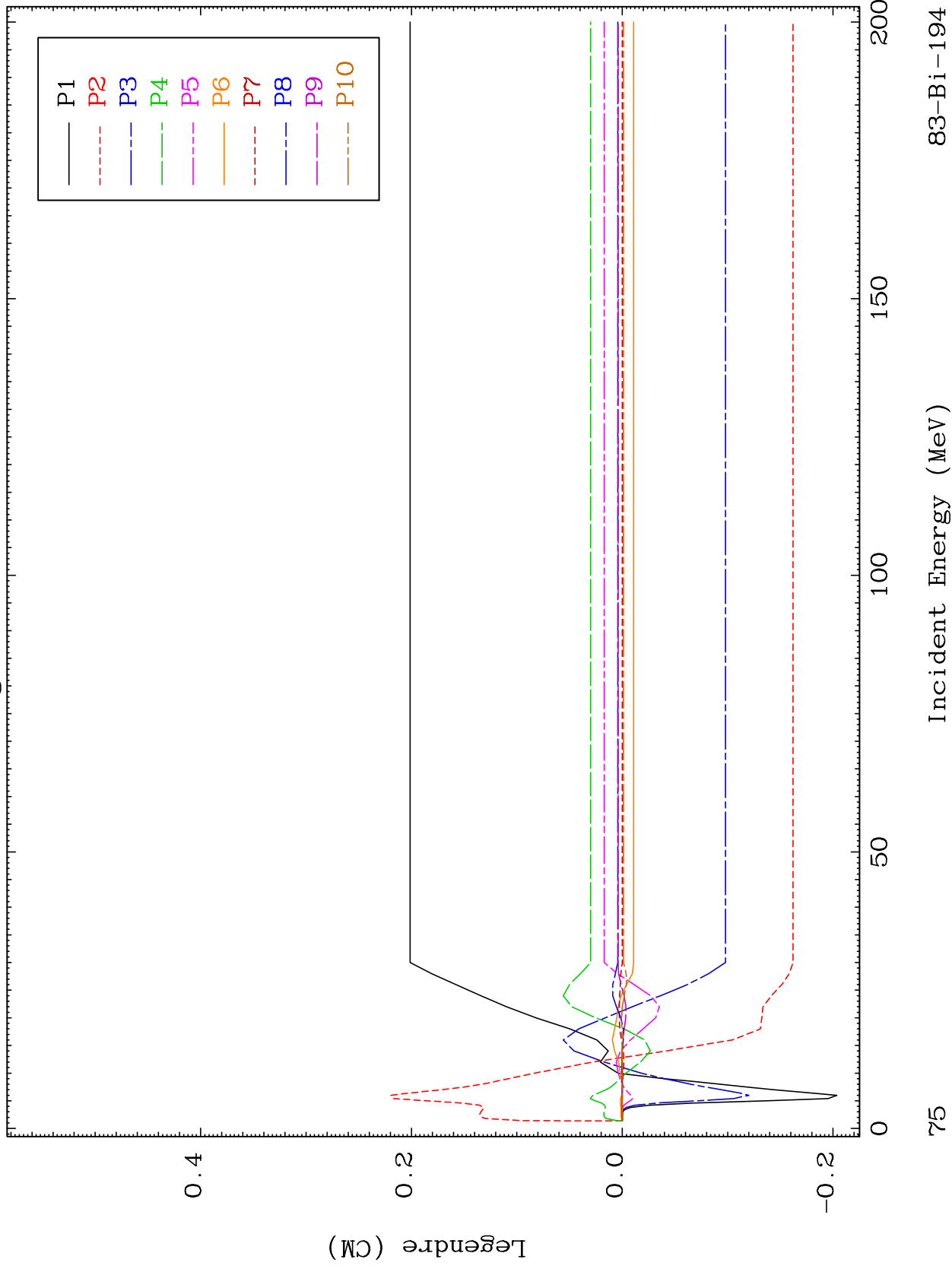
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

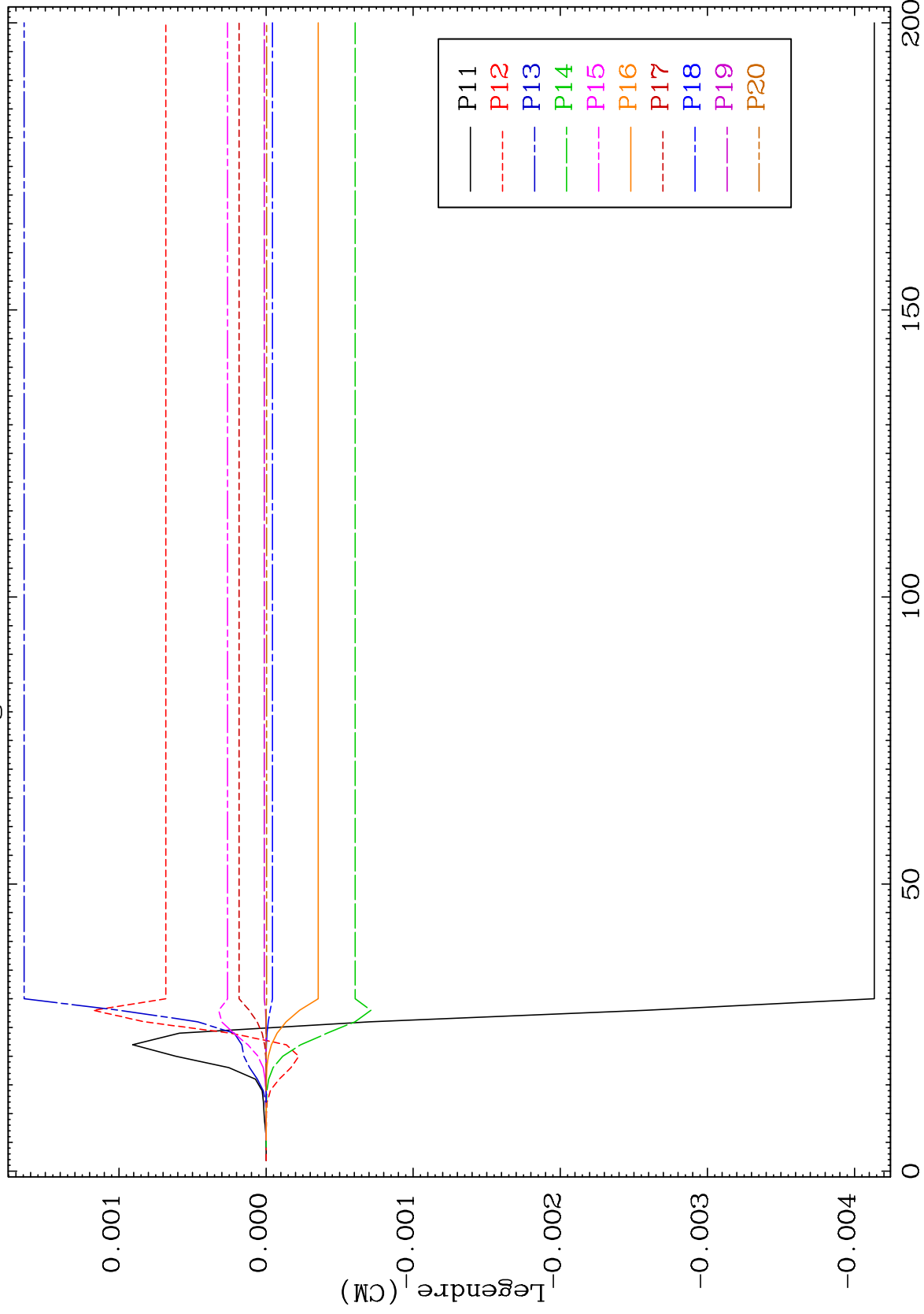
Incident Energy (MeV)

75

MAT 8280

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

83-Bi-194



76

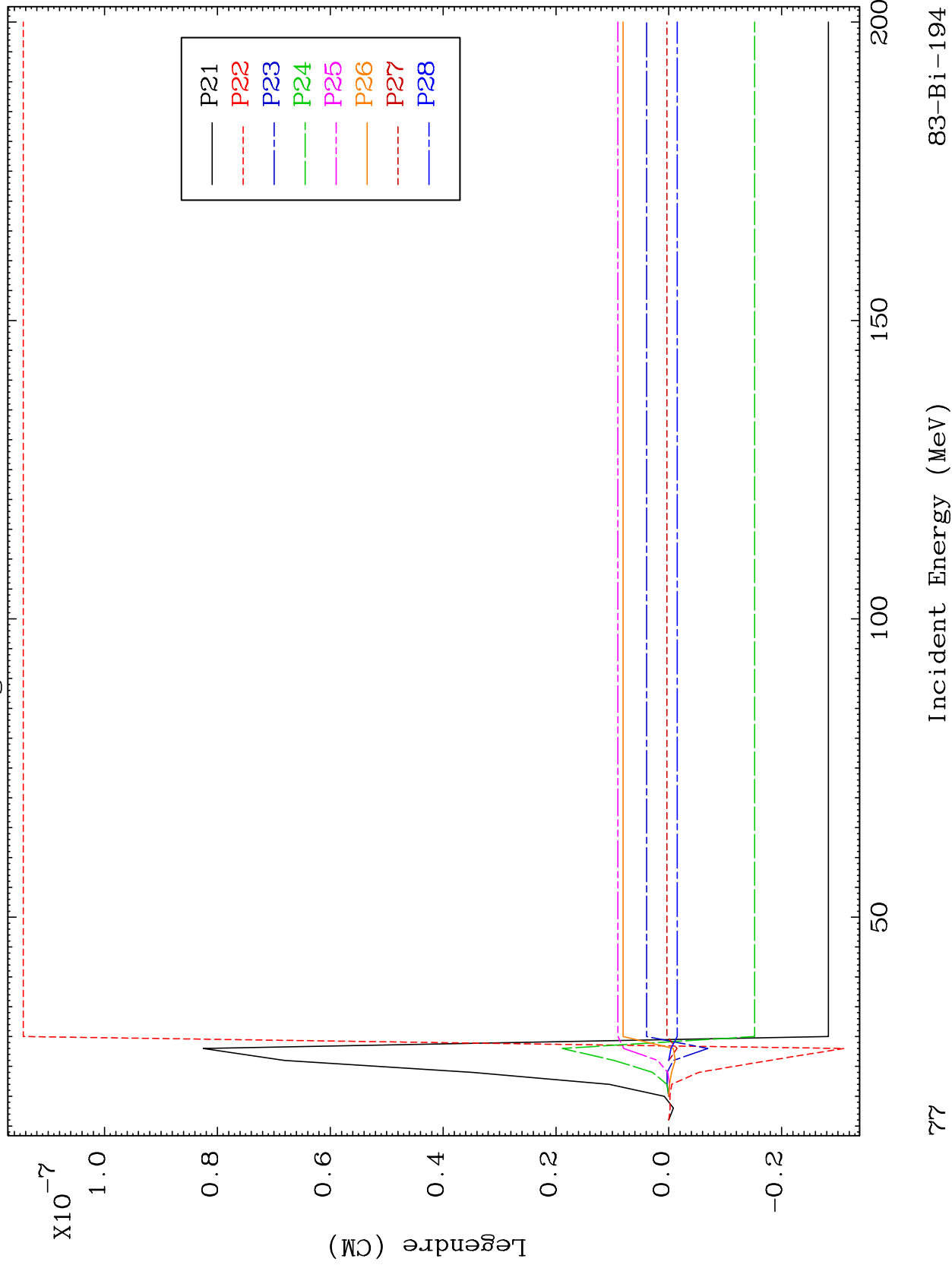
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

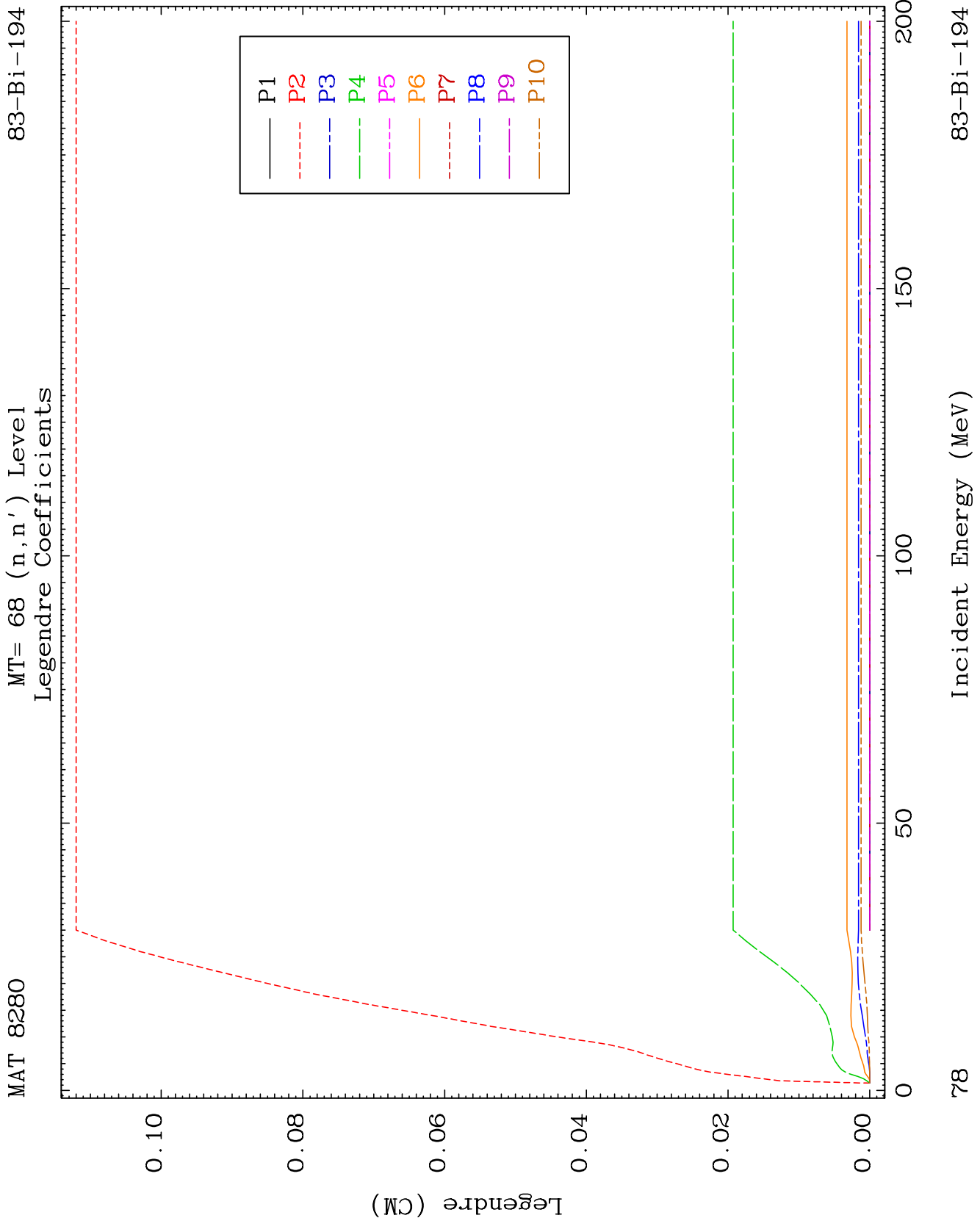
83-Bi-194



77

Incident Energy (MeV)

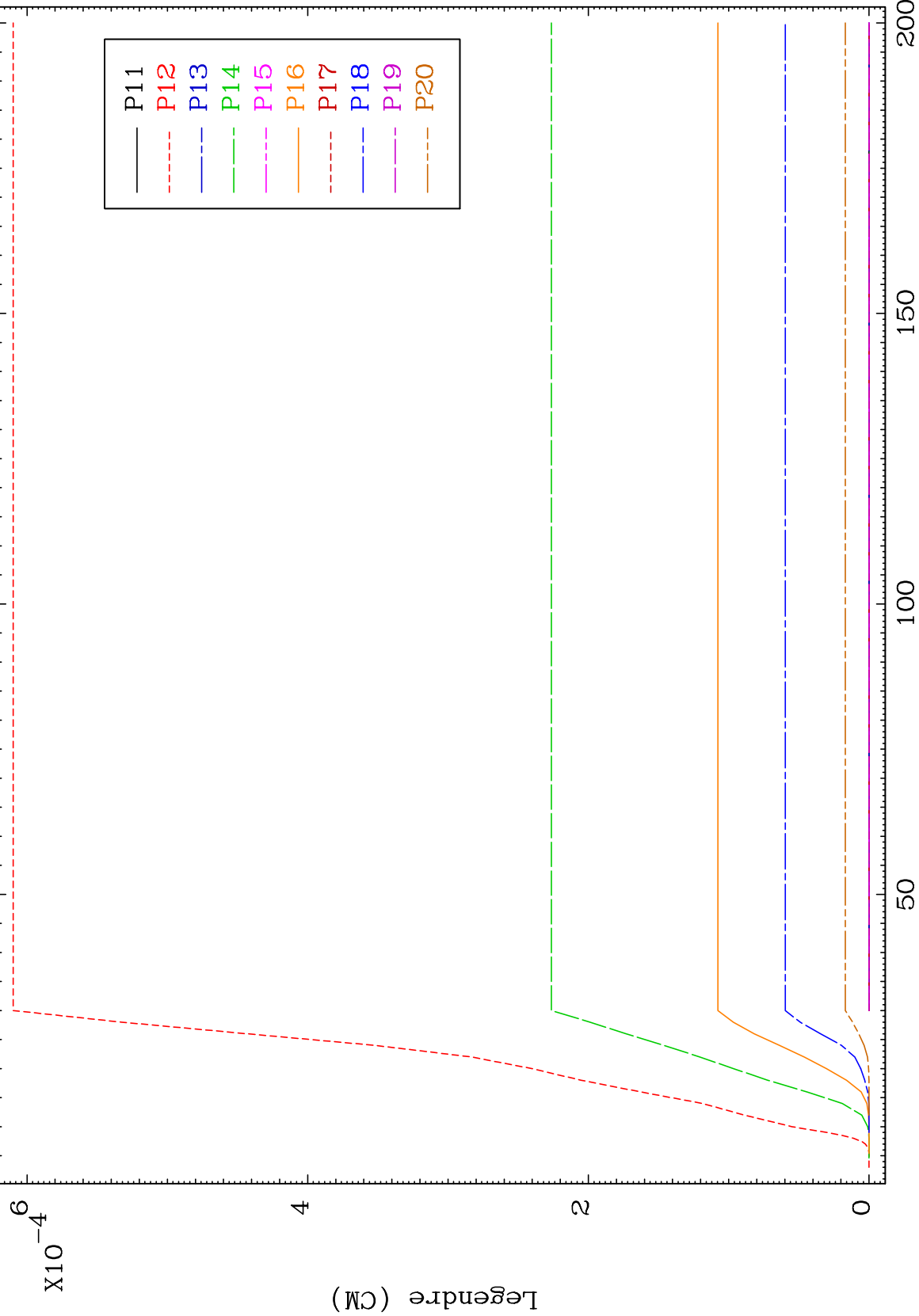
83-Bi-194



MAT 8280

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

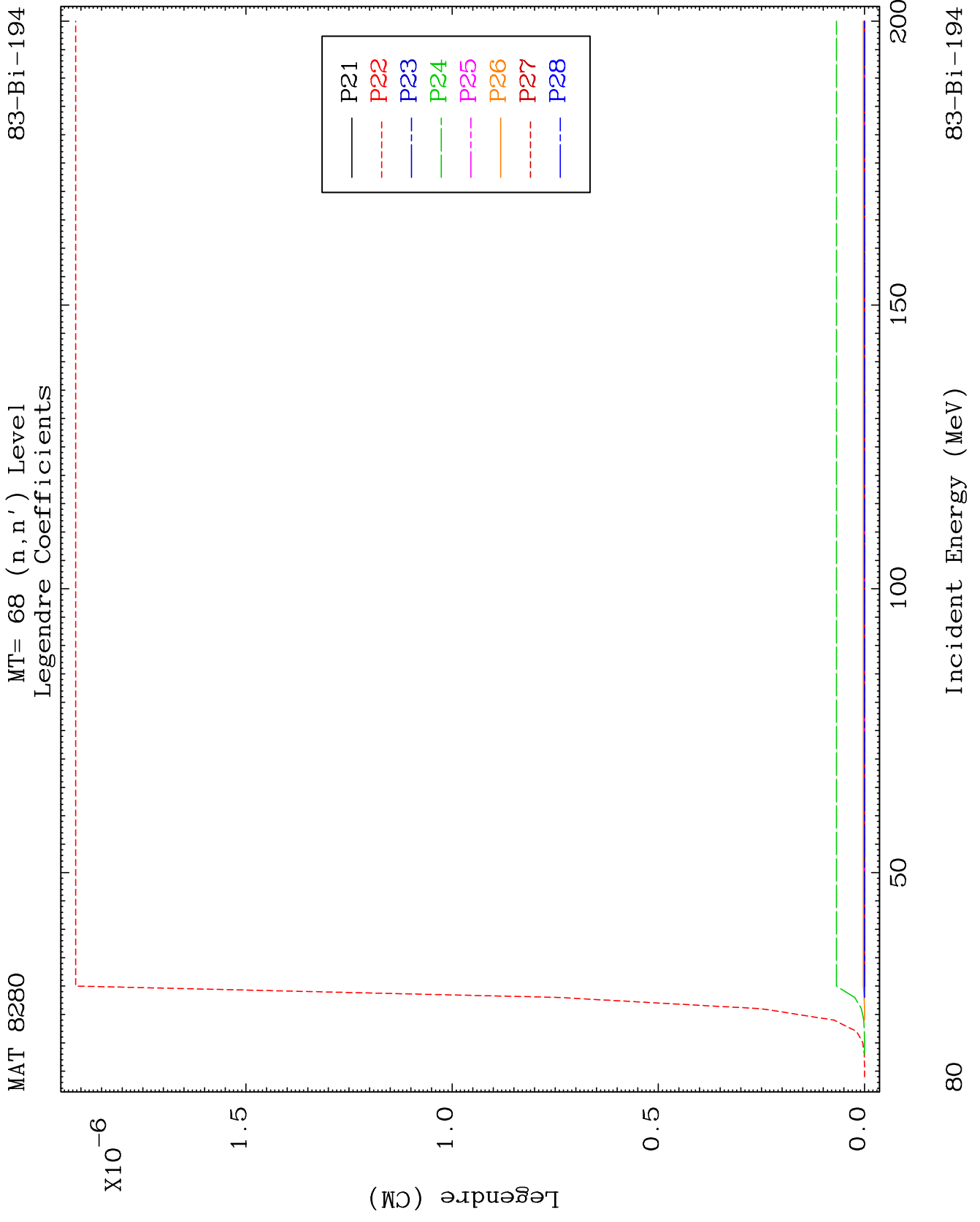
83-Bi-194



79

Incident Energy (MeV)

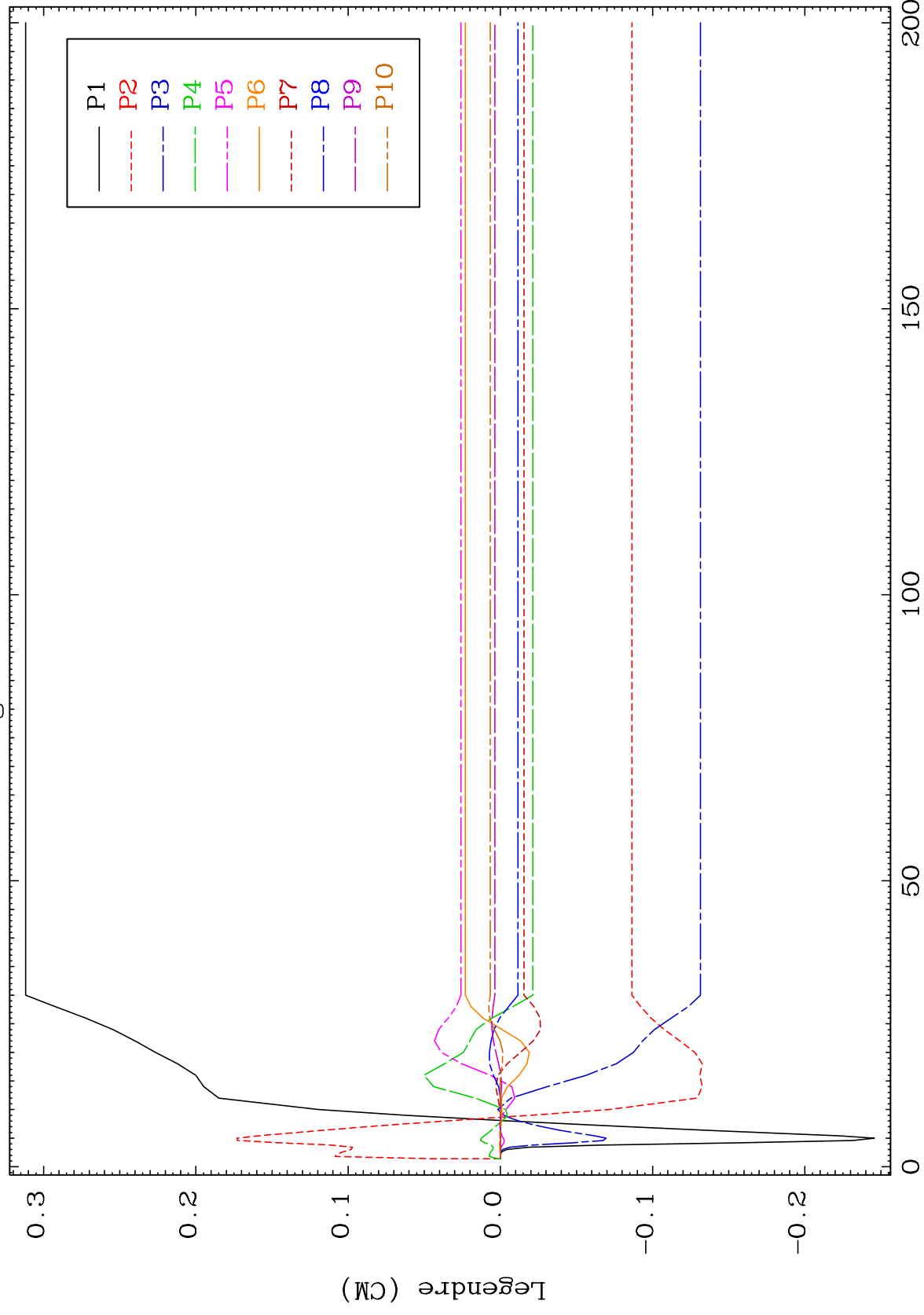
83-Bi-194



MAT 8280

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

83-Bi-194



81

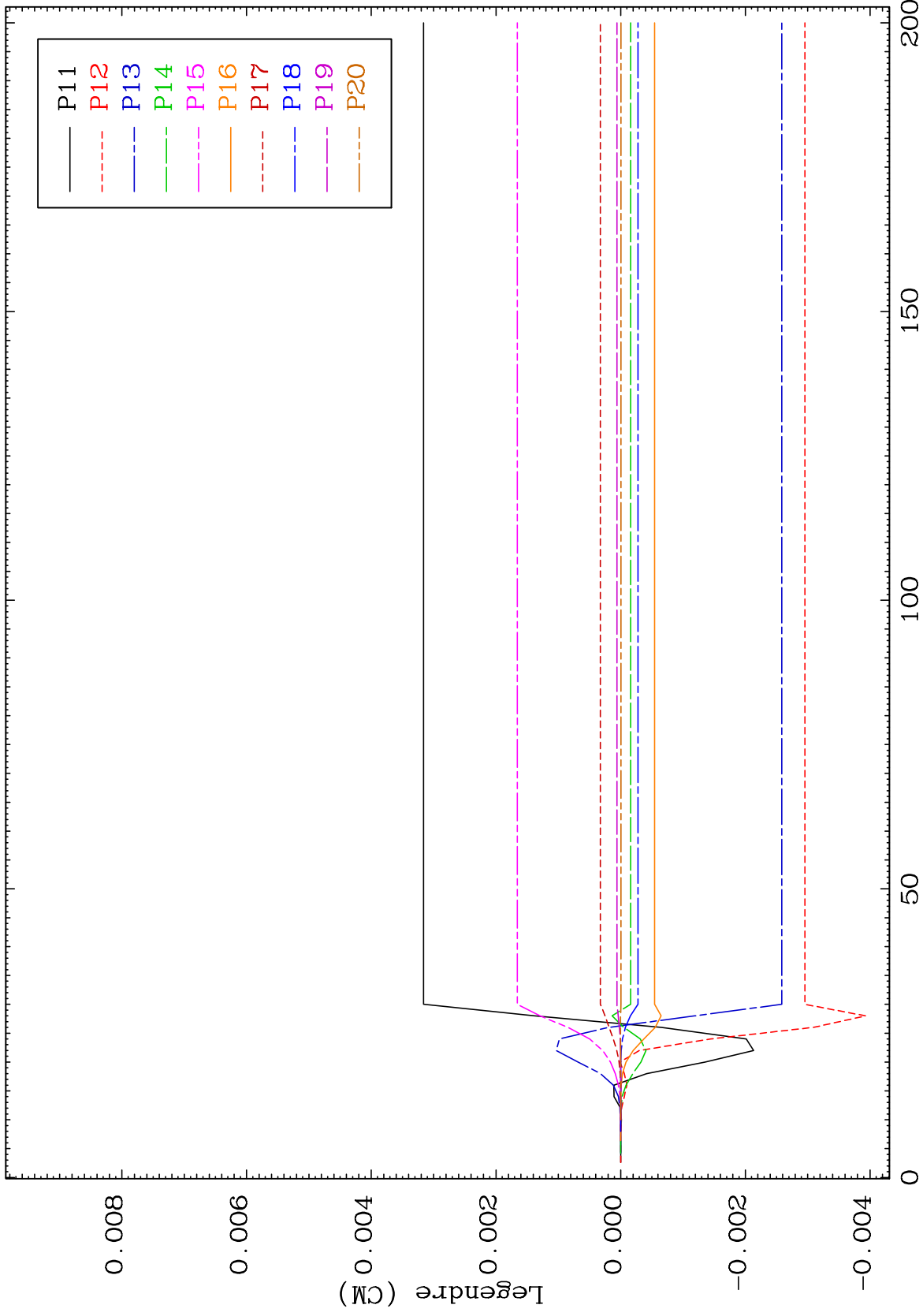
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



82

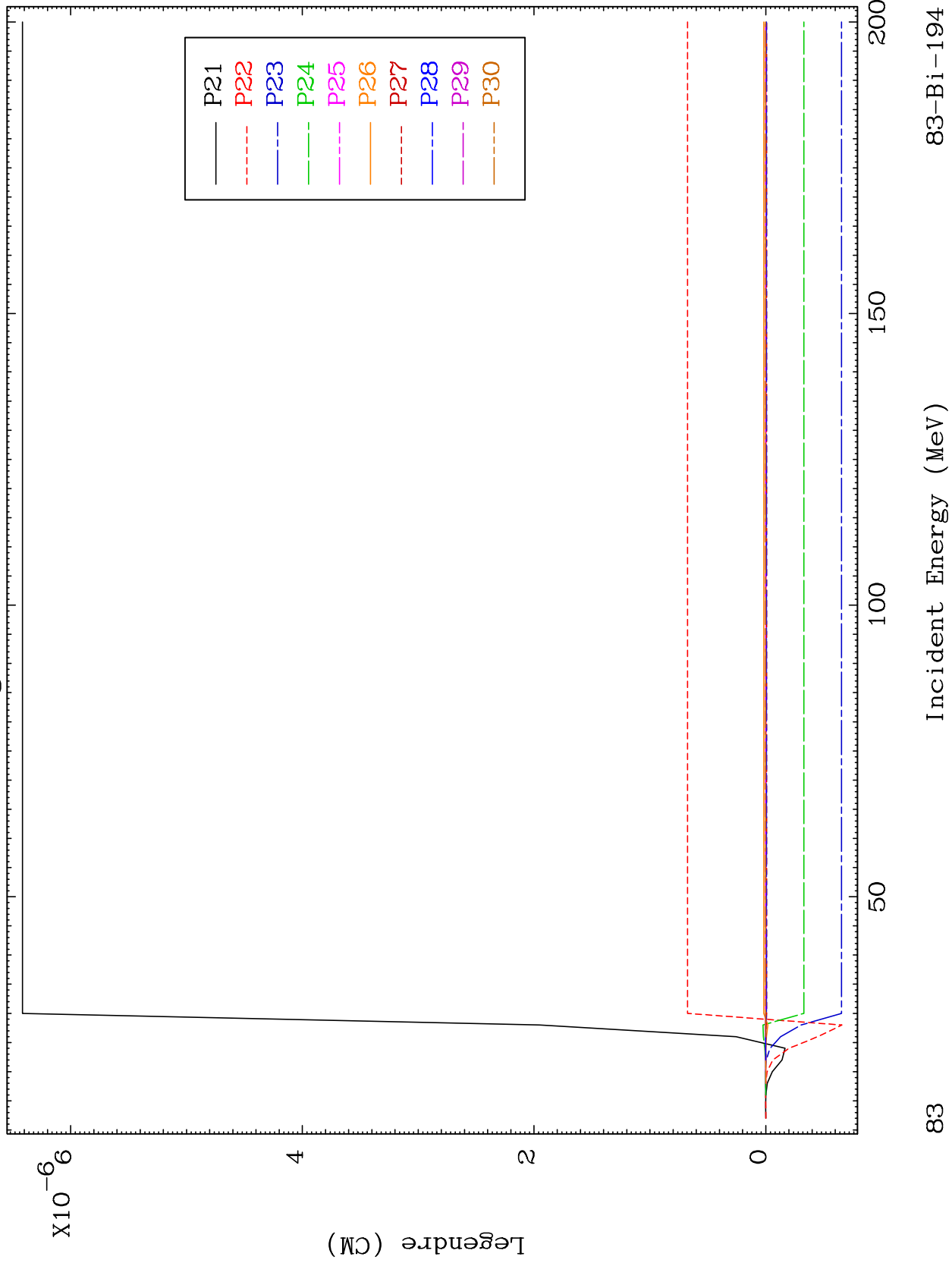
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



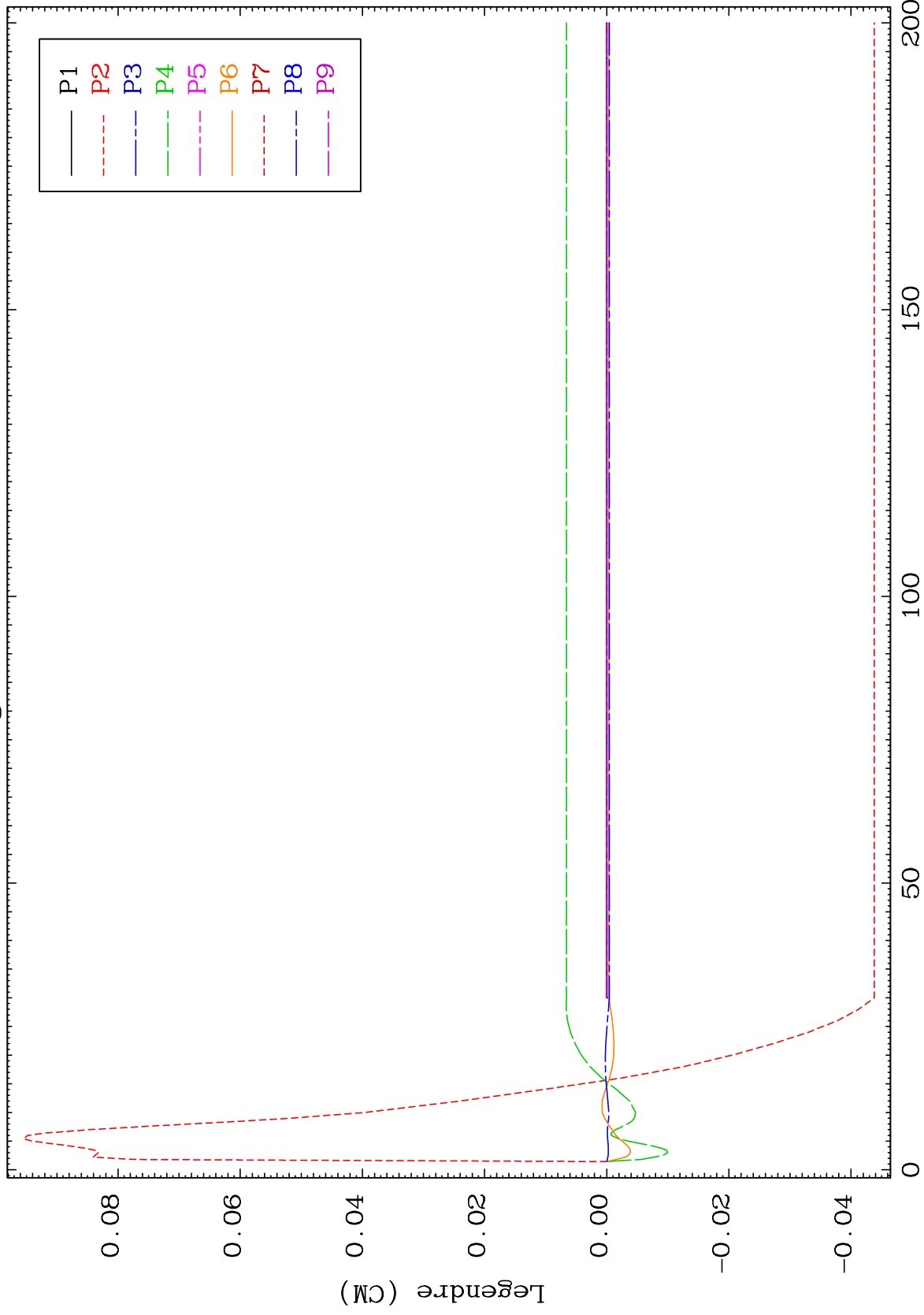
83

83-Bi-194

MAT 8280

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

83-Bi-194



84

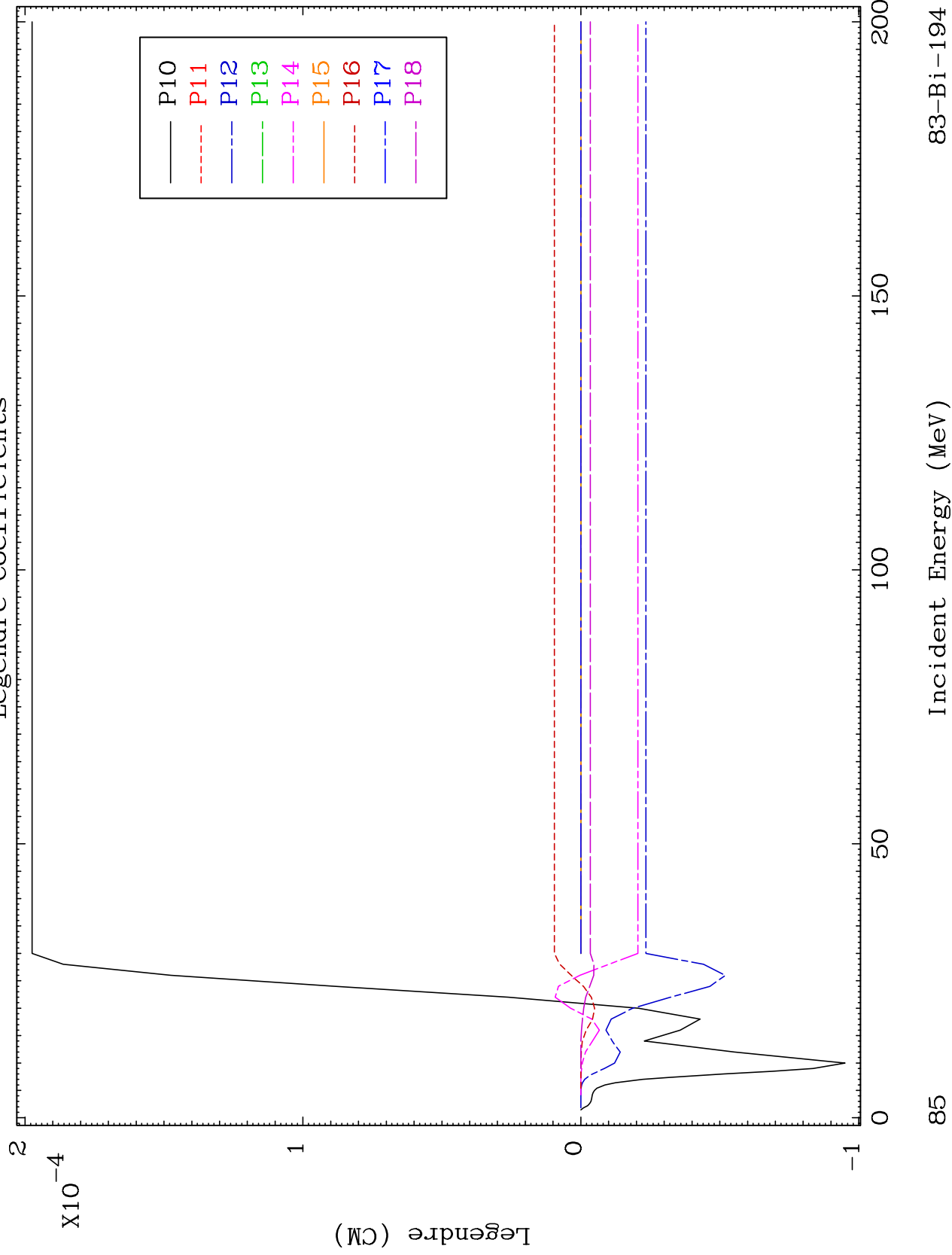
Incident Energy (MeV)

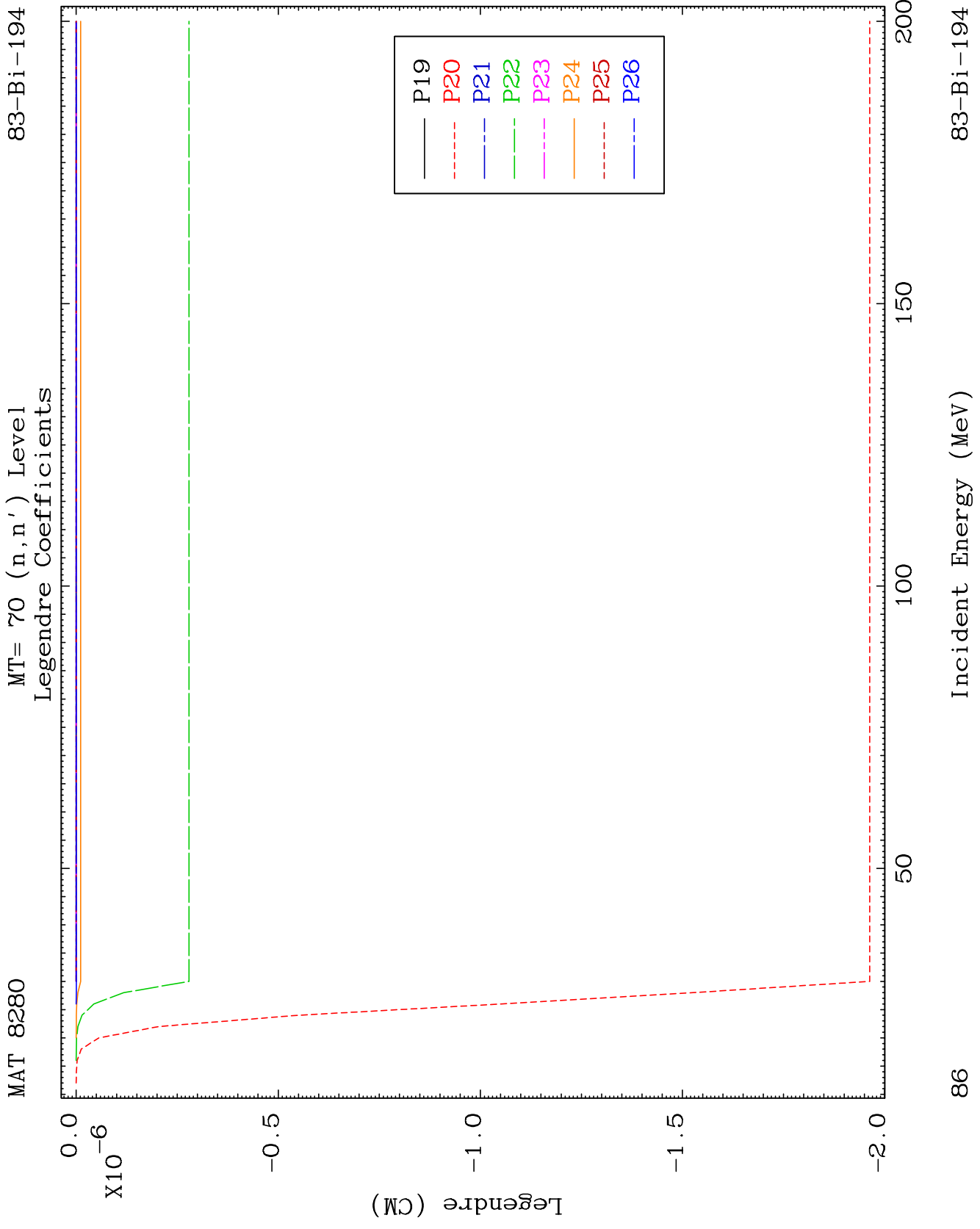
83-Bi-194

MAT 8280

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

83-Bi-194

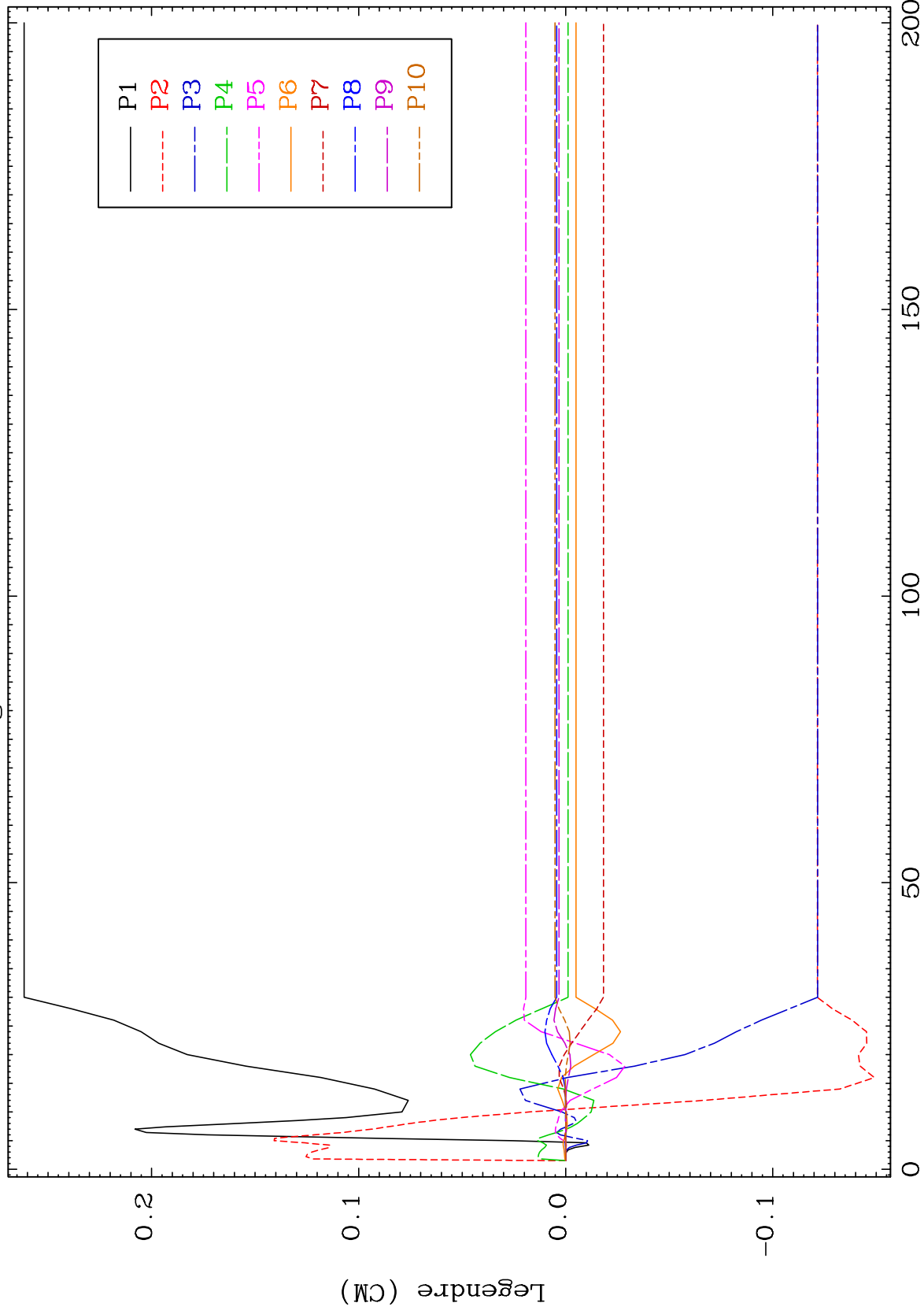




MAT 8280

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

83-Bi-194



87

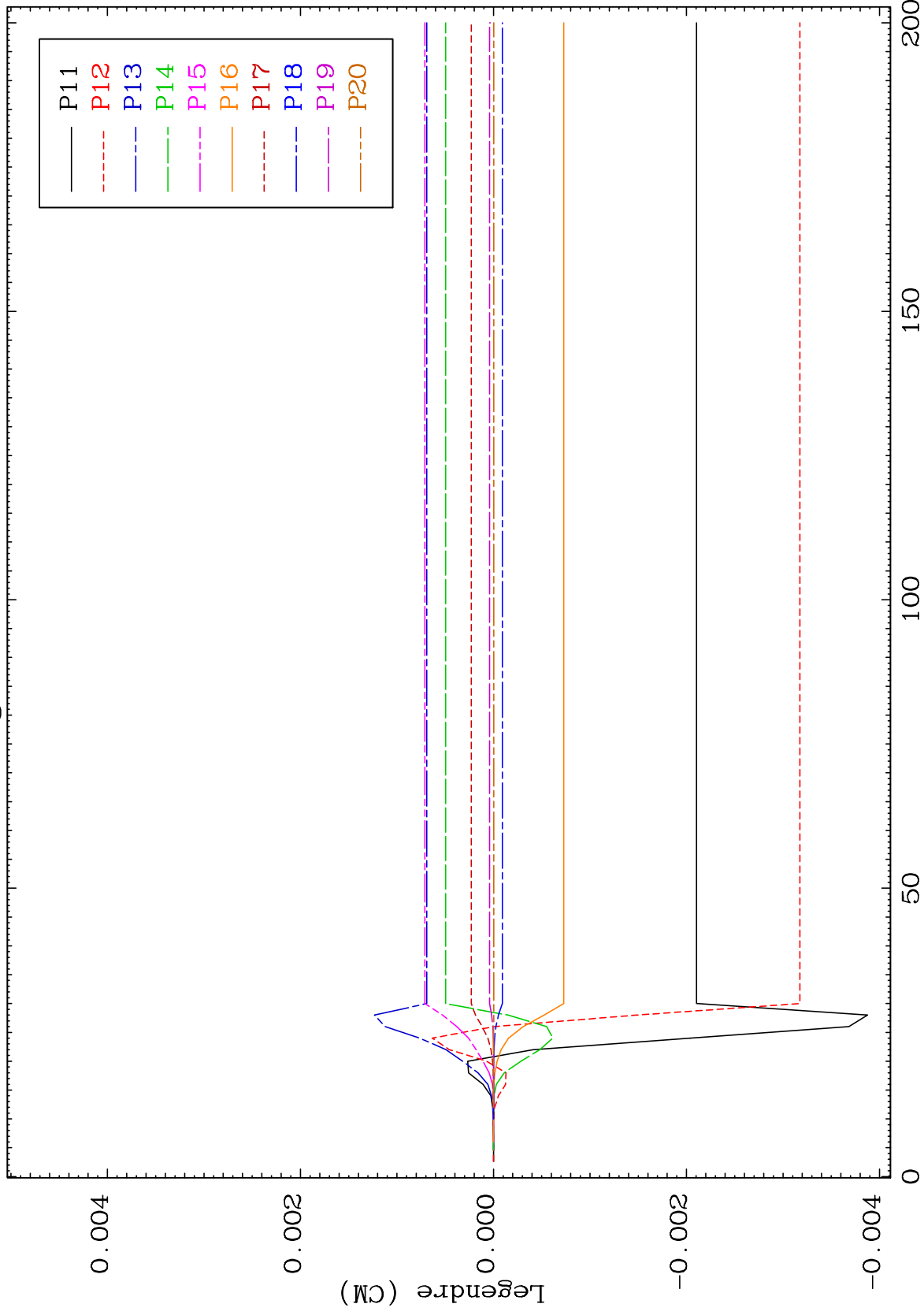
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



88

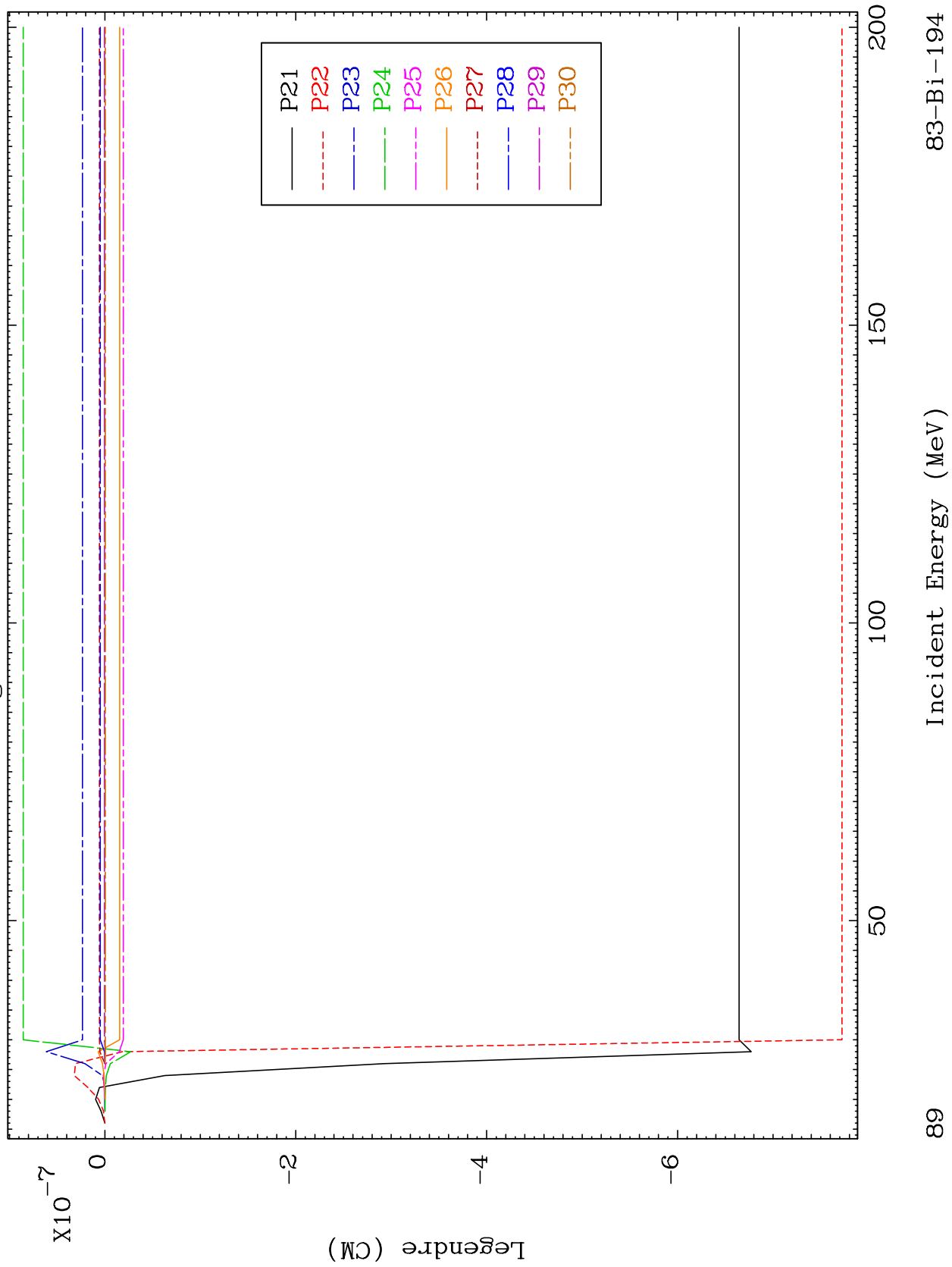
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

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



89

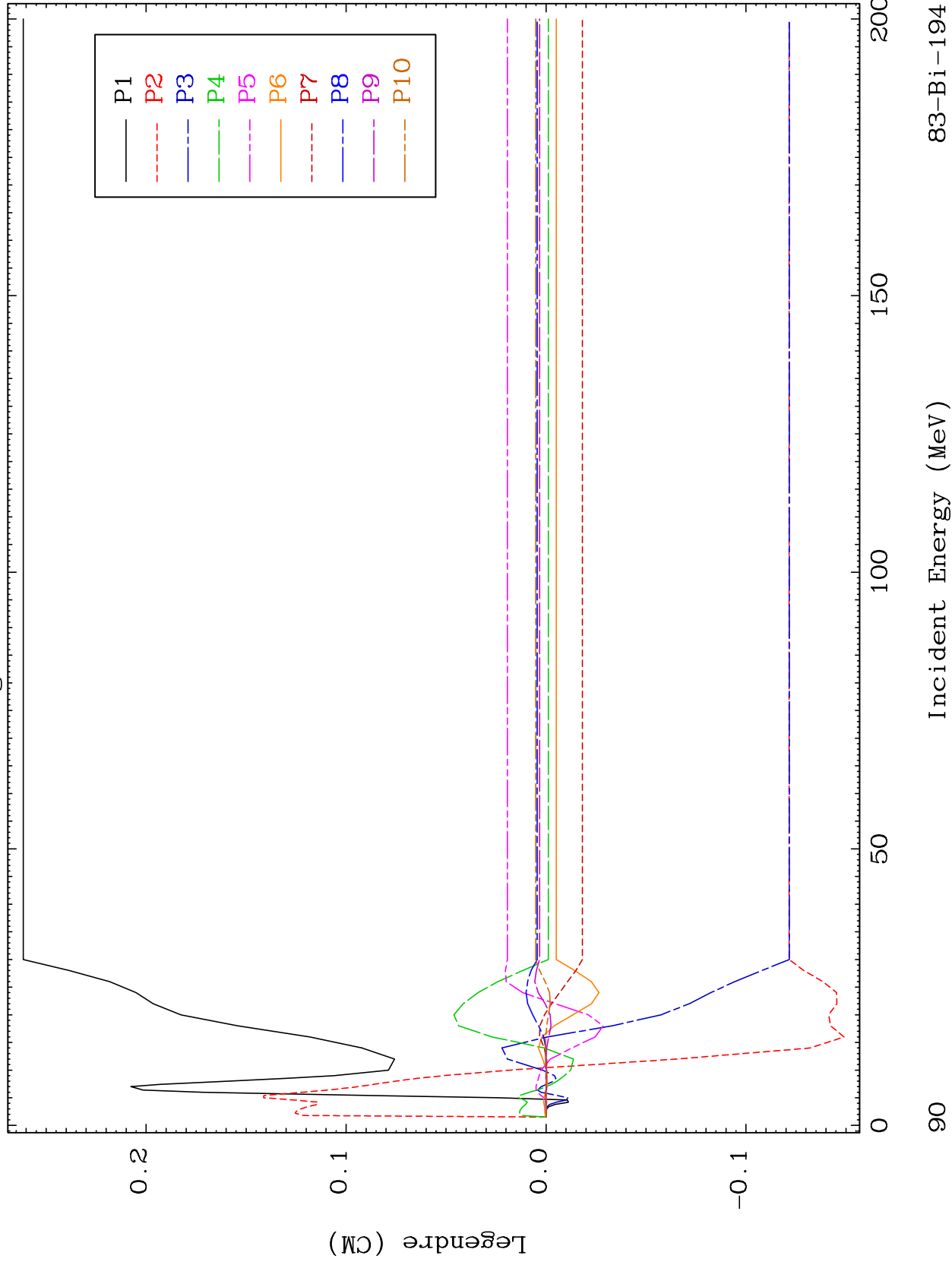
83-Bi-194

Incident Energy (MeV)

MAT 8280

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

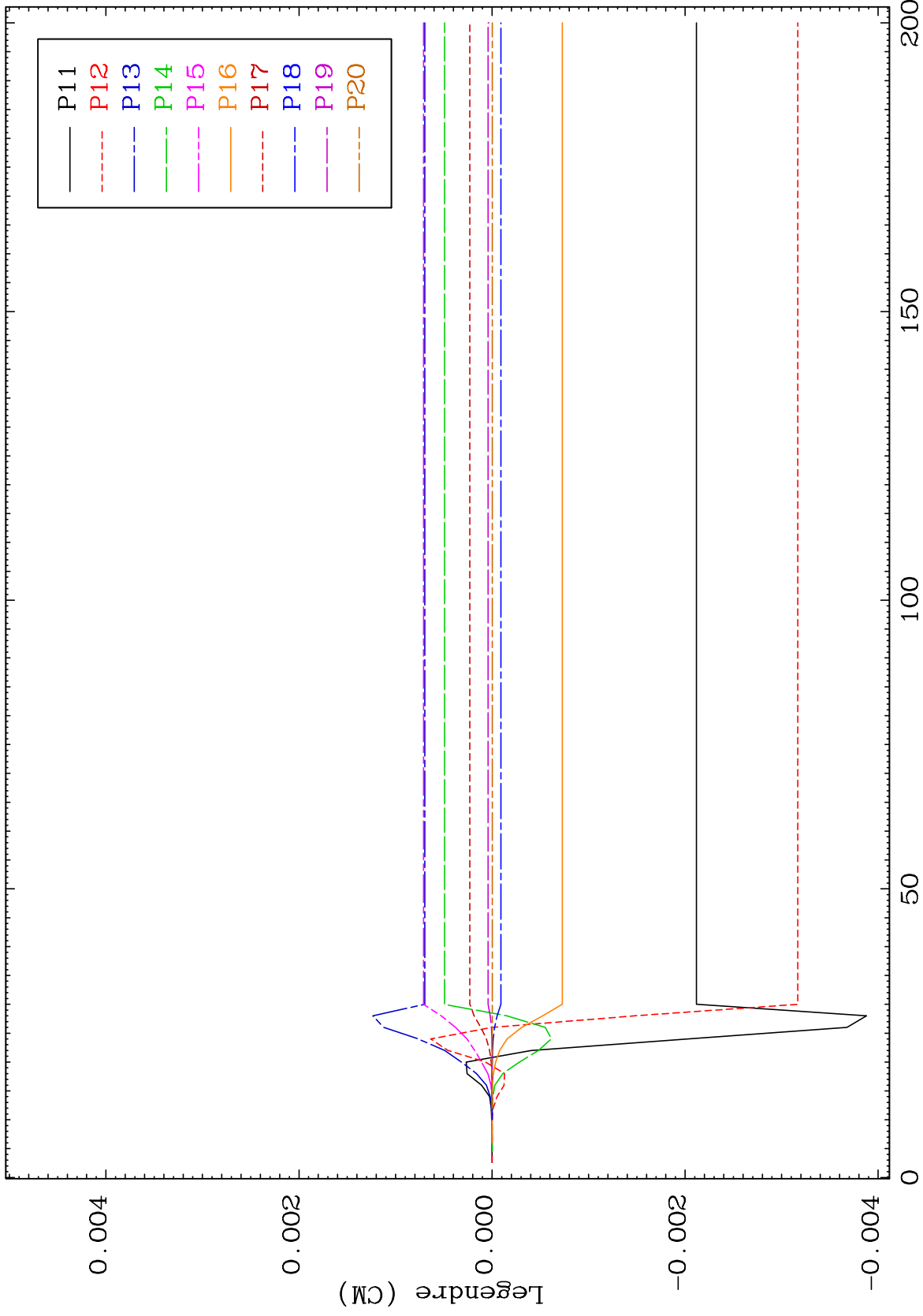
83-Bi-194



MAT 8280

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

83-Bi-194



91

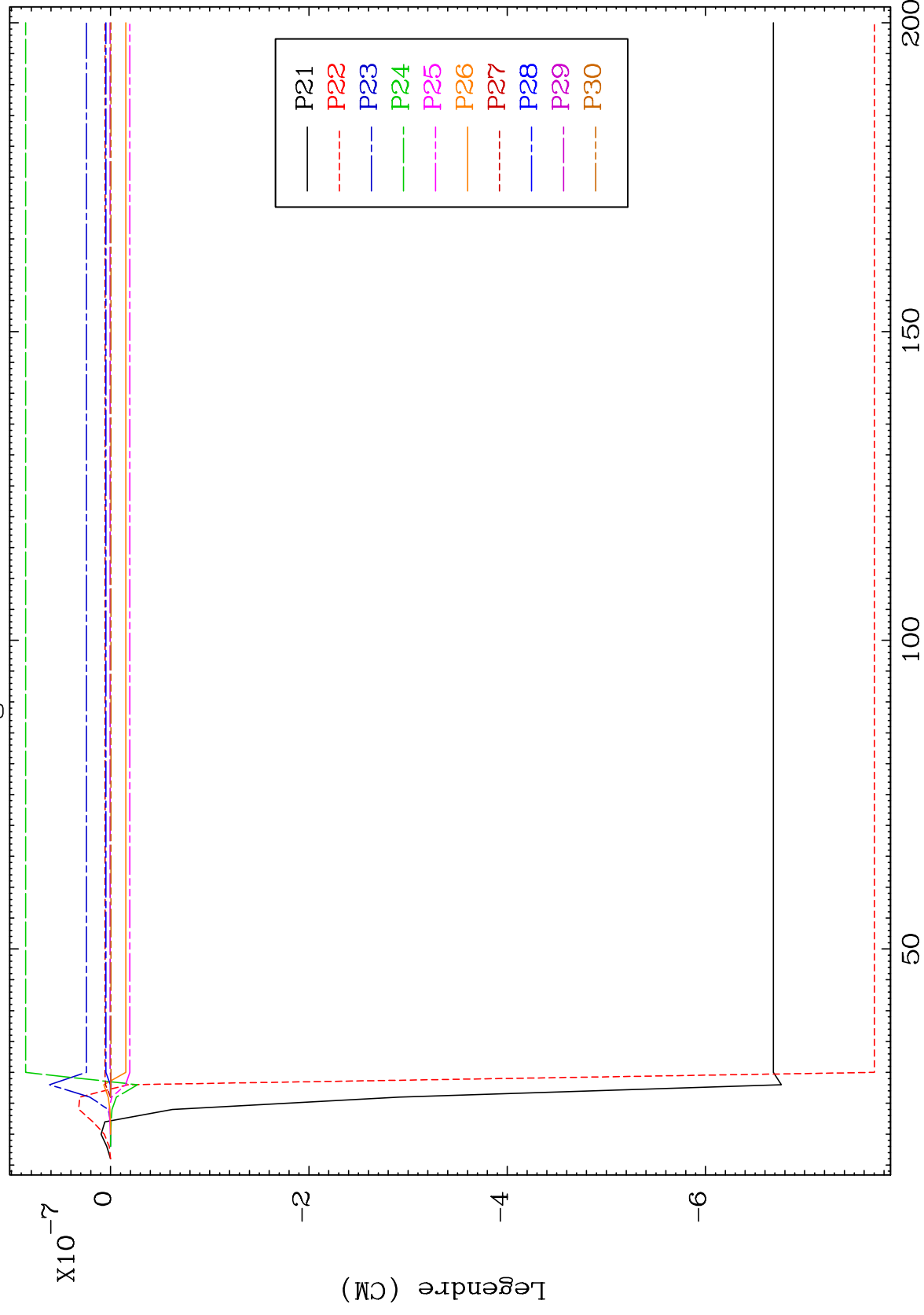
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



92

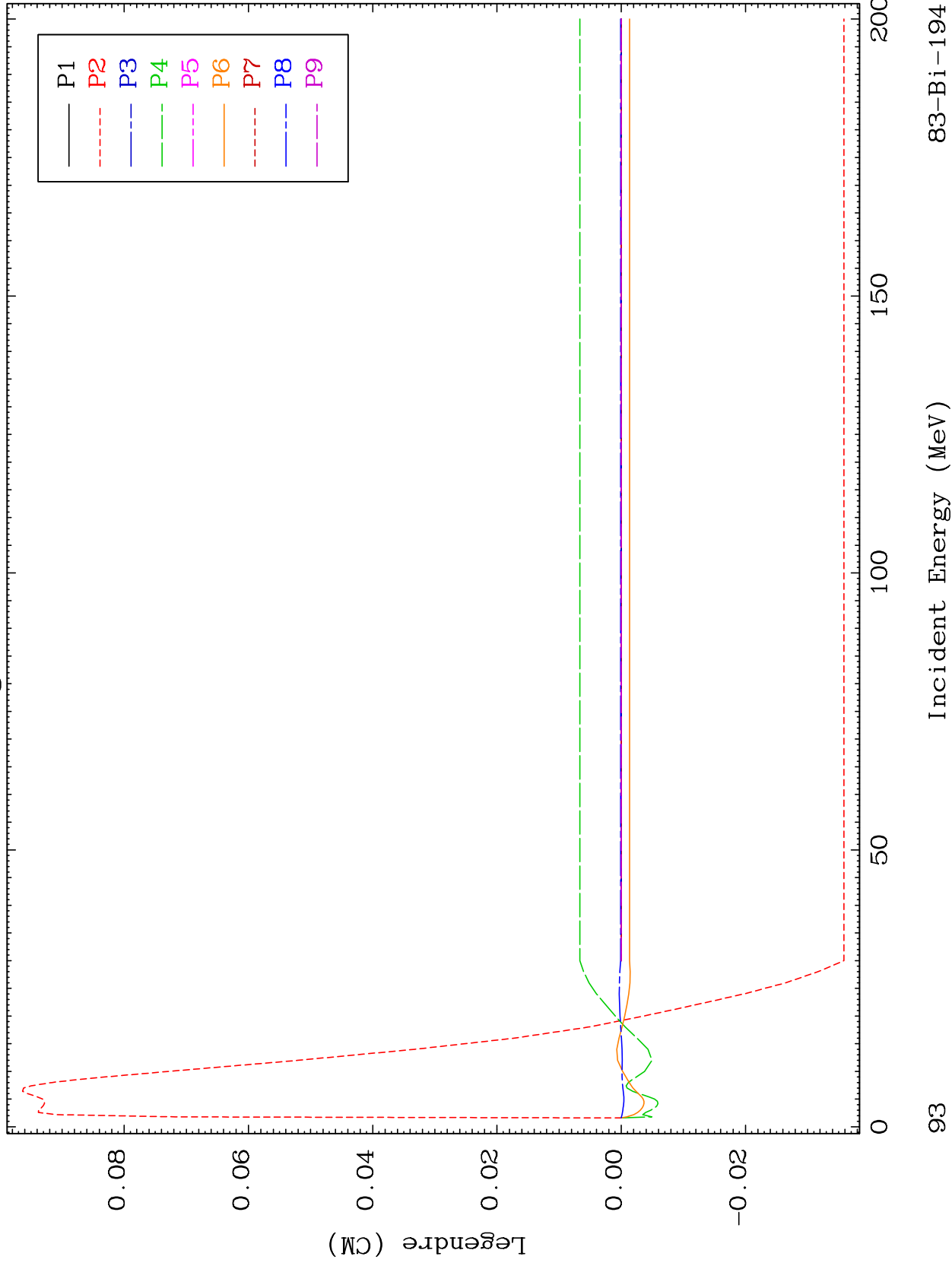
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



83-Bi-194

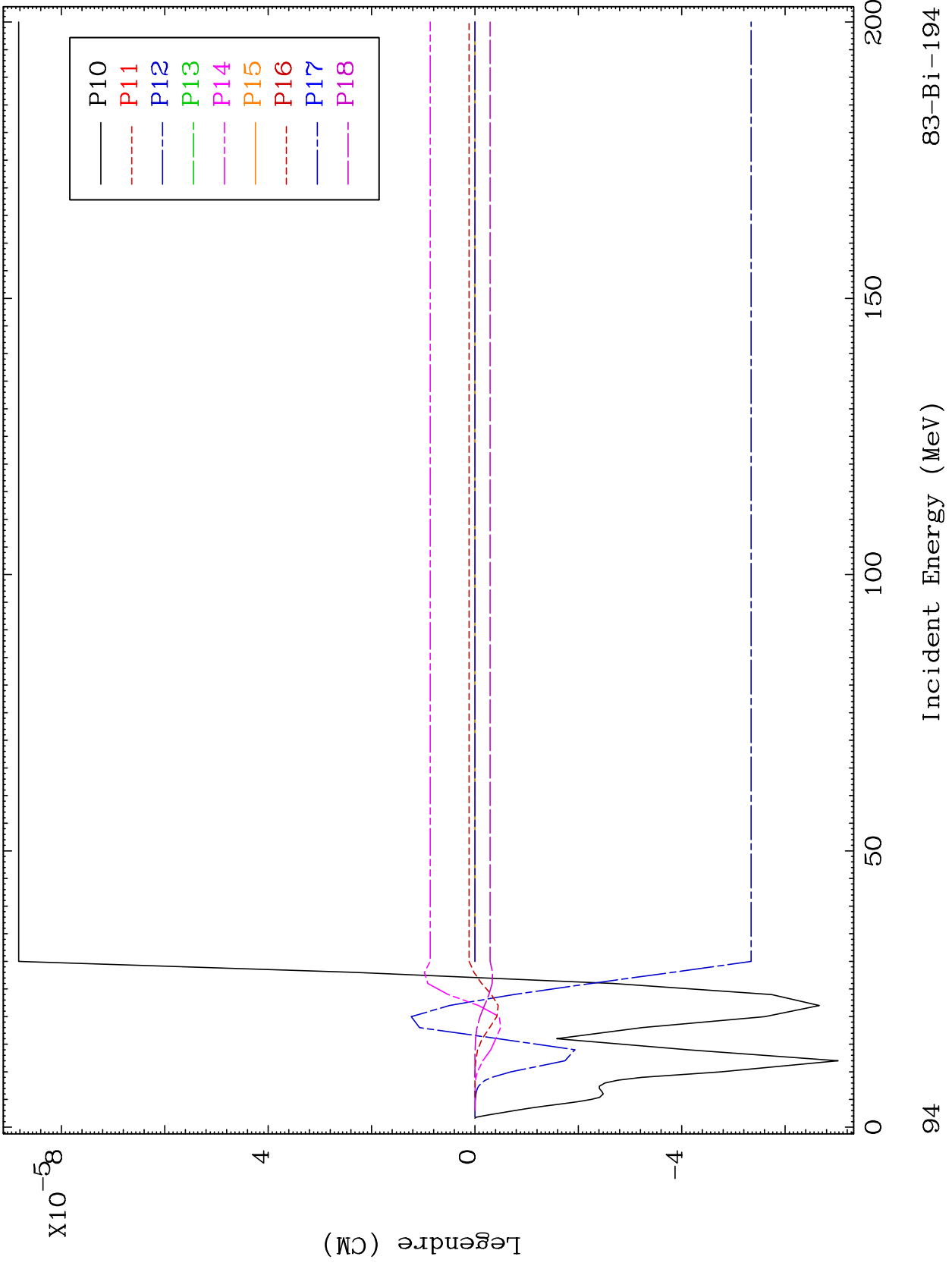
Incident Energy (MeV)

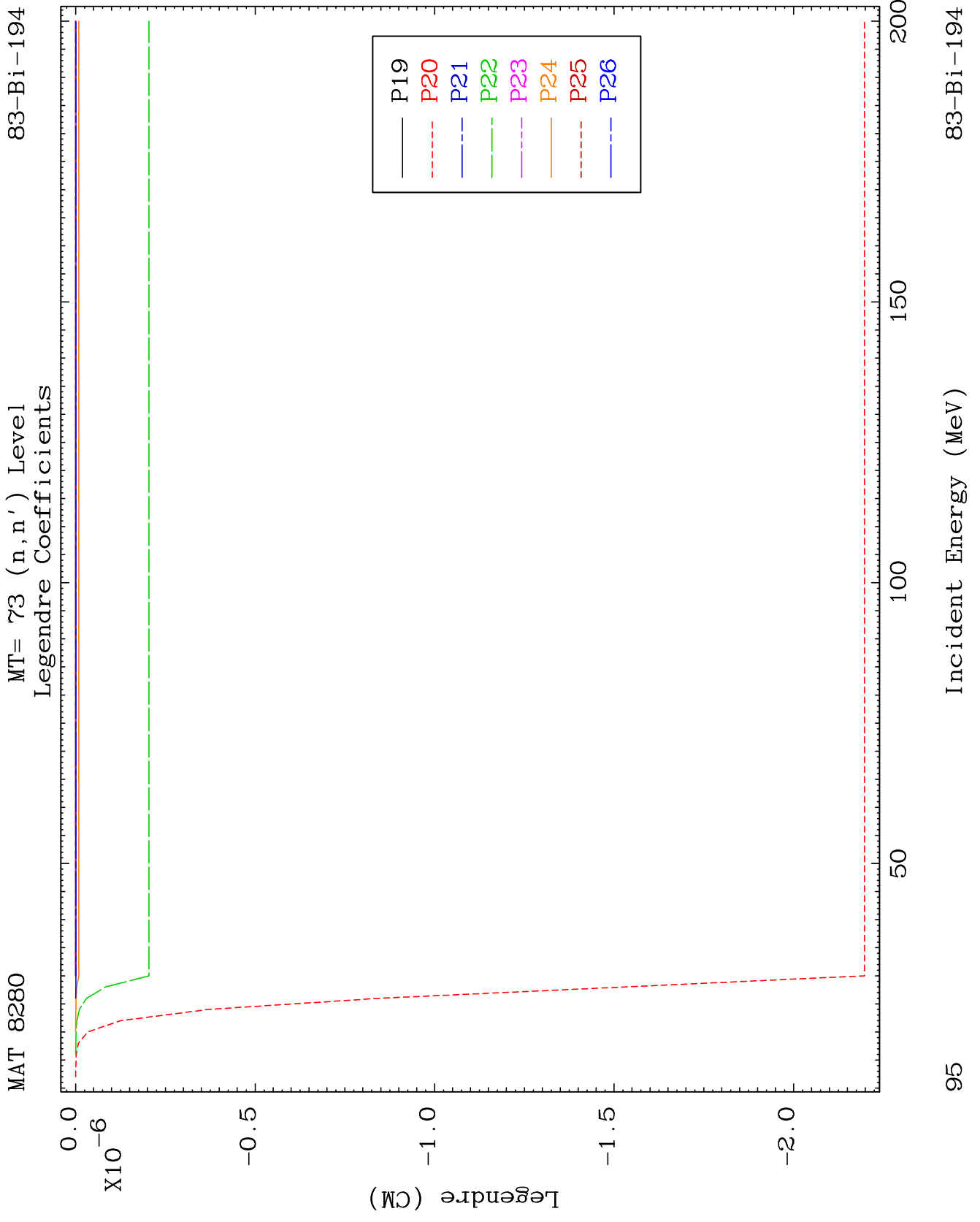
93

MAT 8280

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

83-Bi-194

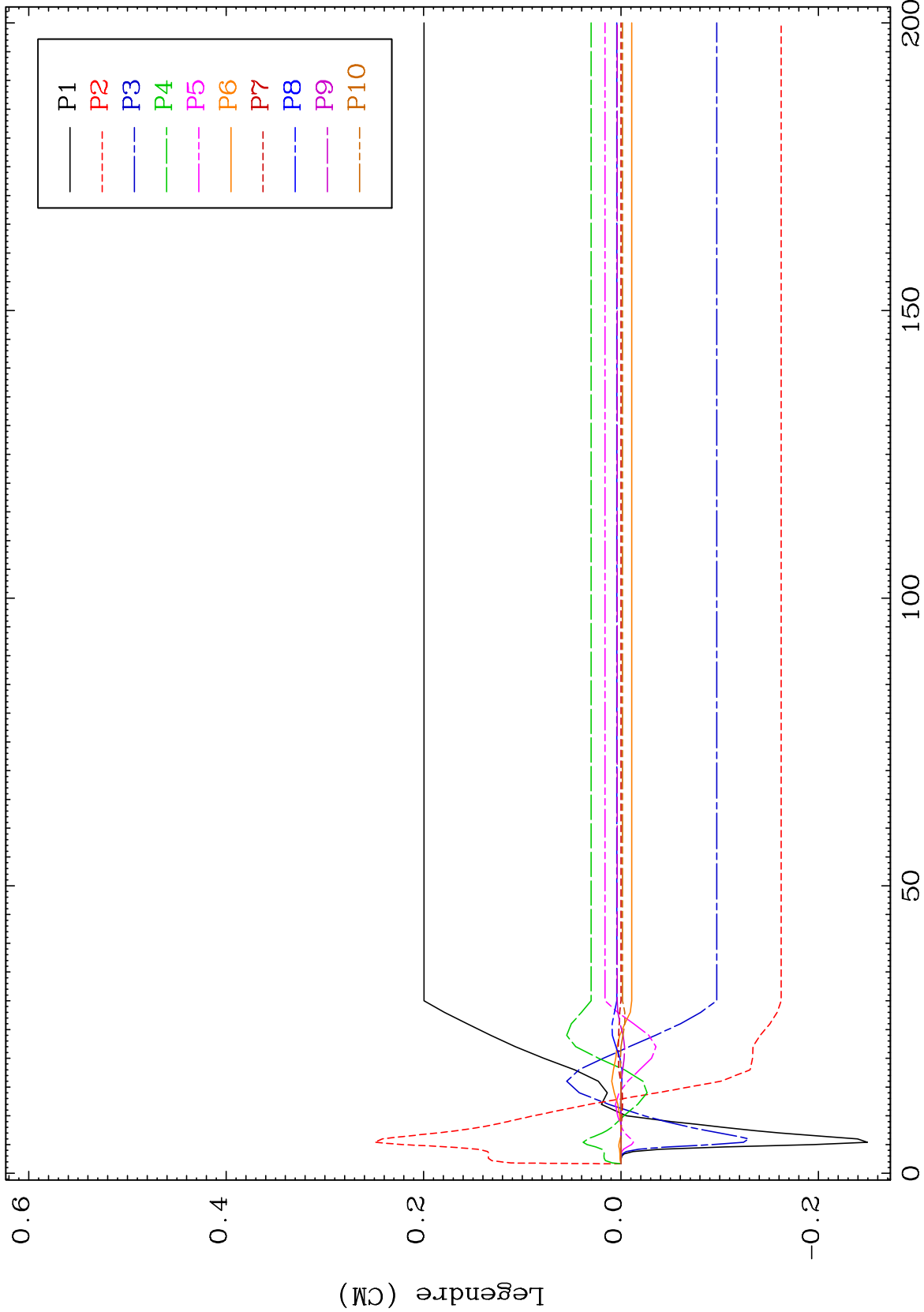




MAT 8280

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

83-Bi-194



96

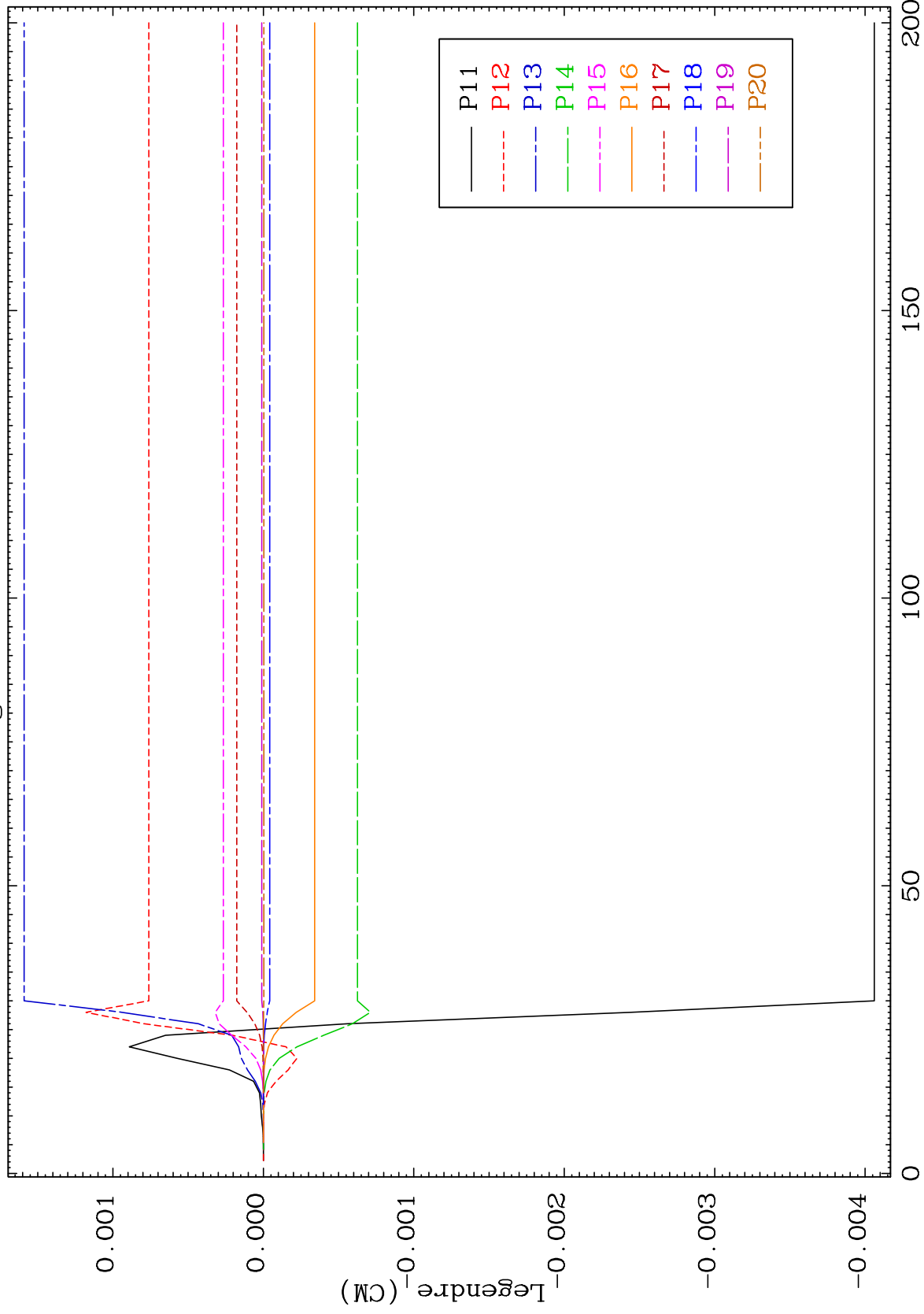
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

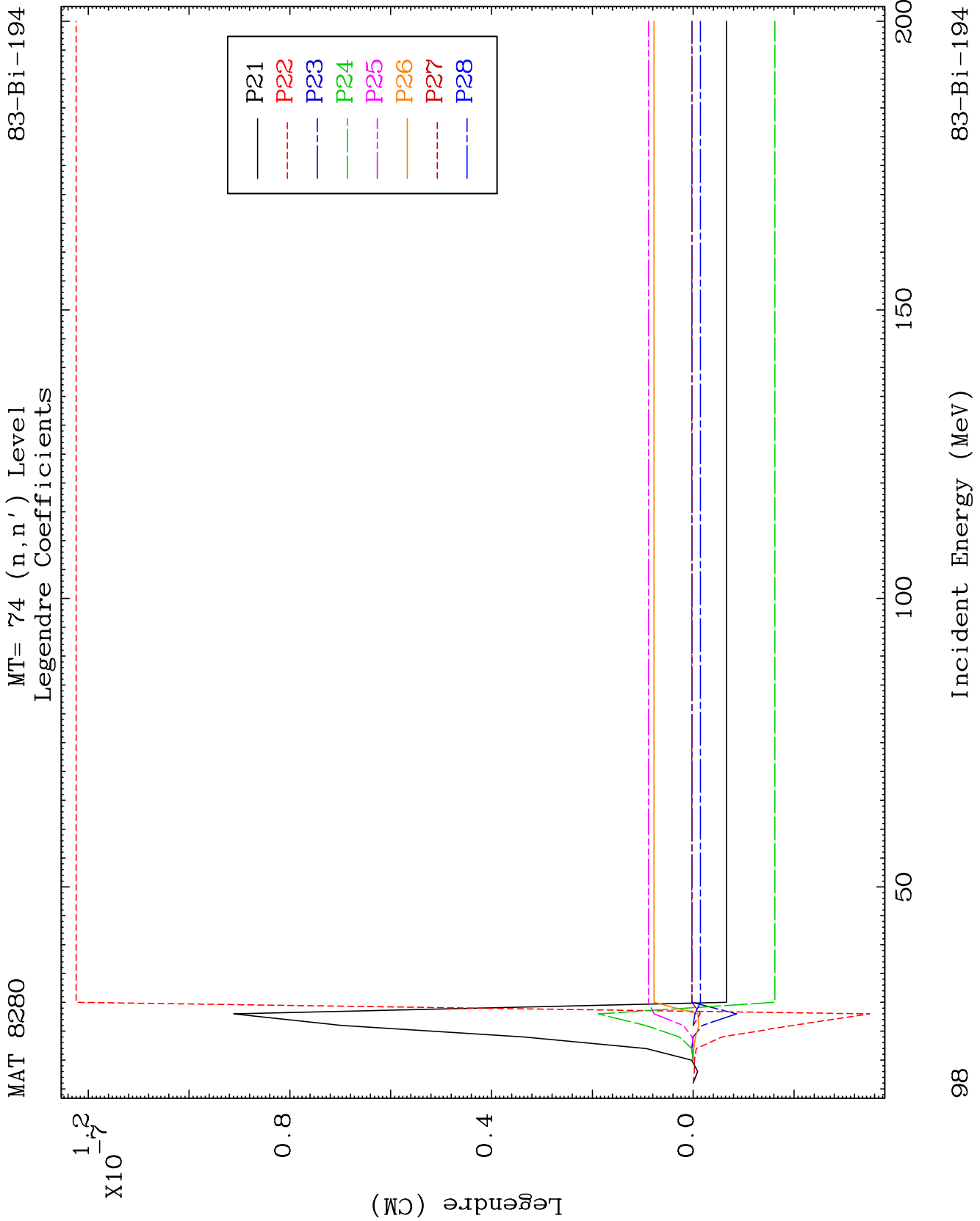
83-Bi-194



97

Incident Energy (MeV)

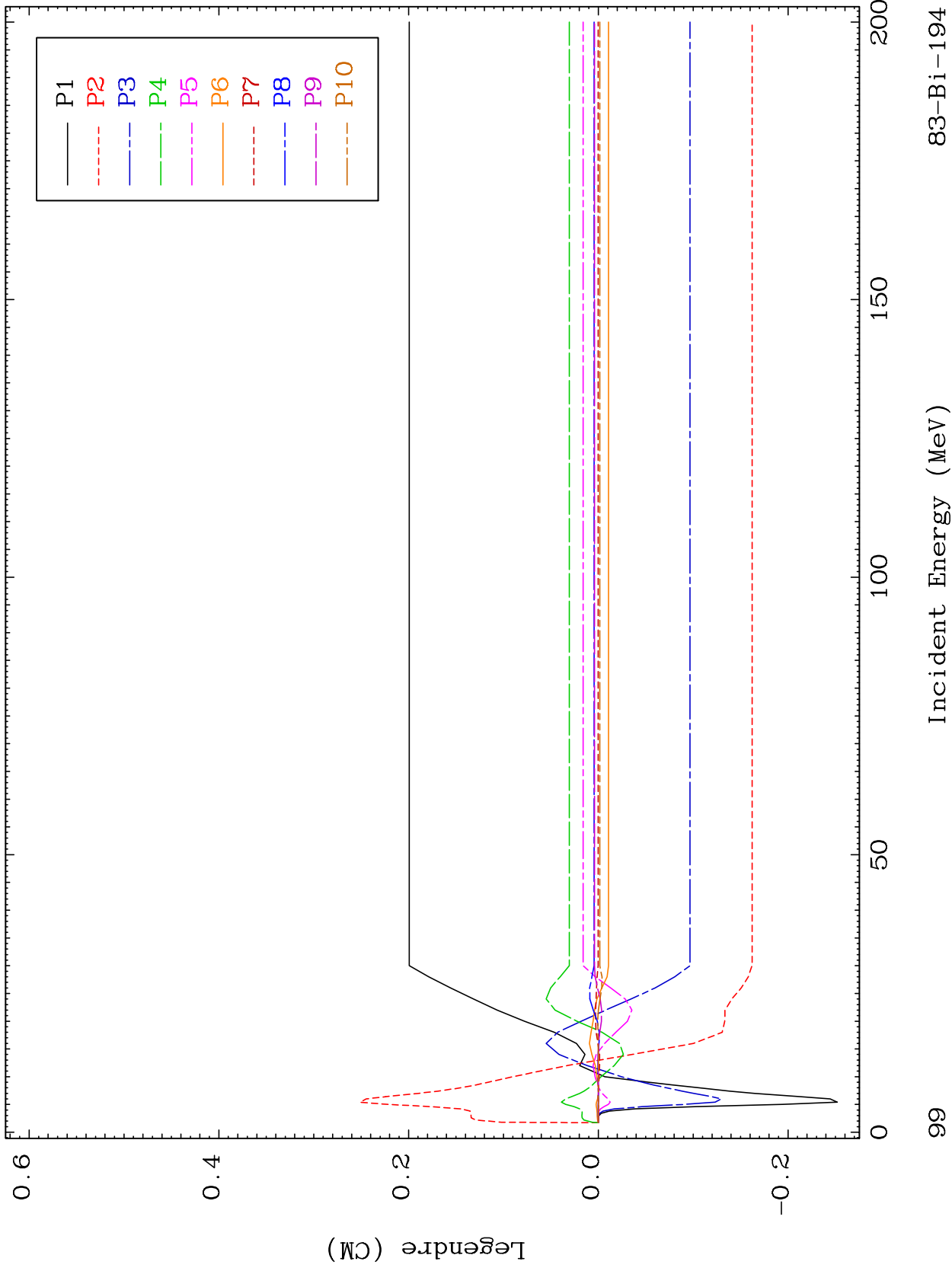
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

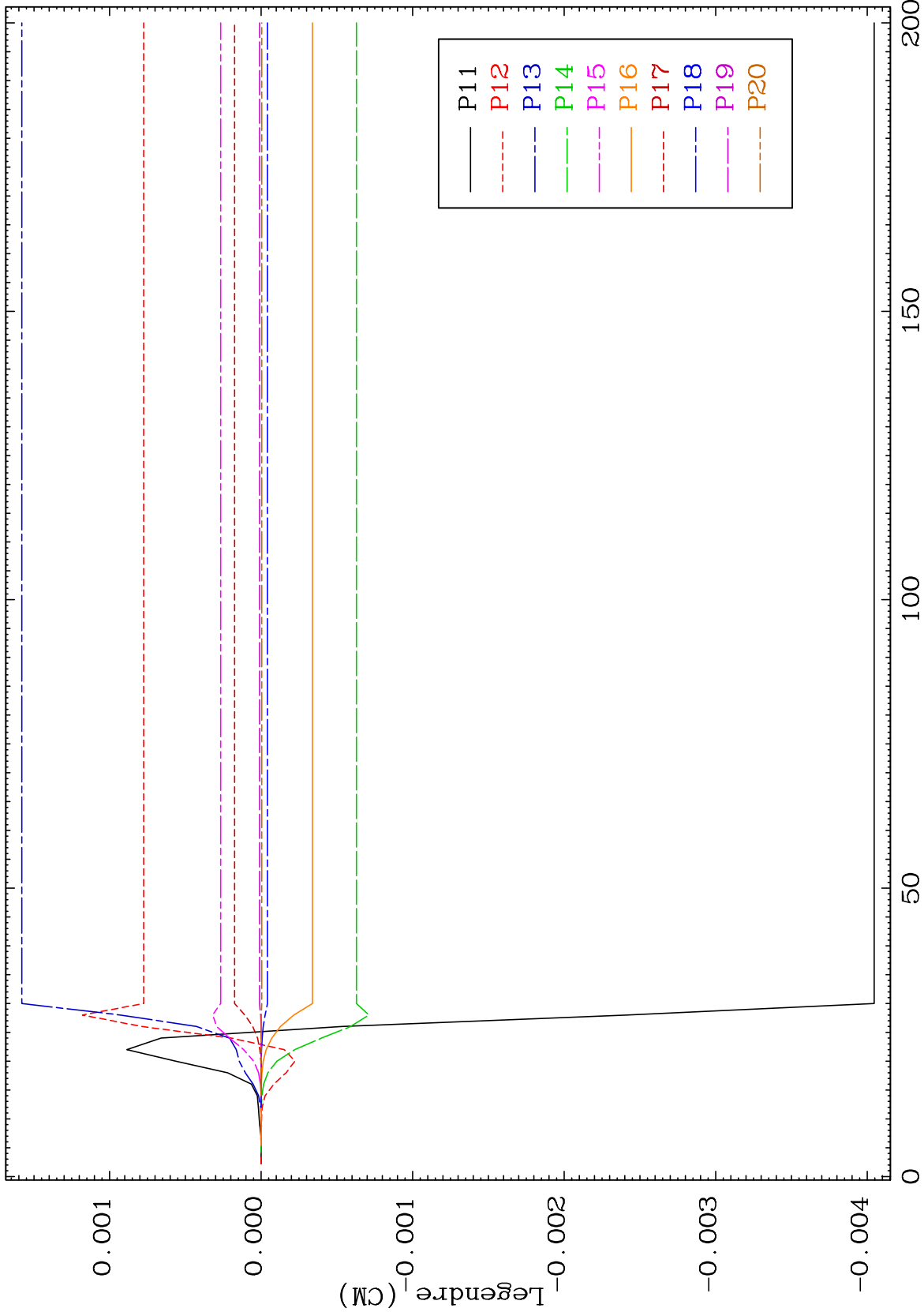
Incident Energy (MeV)

99

MAT 8280

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

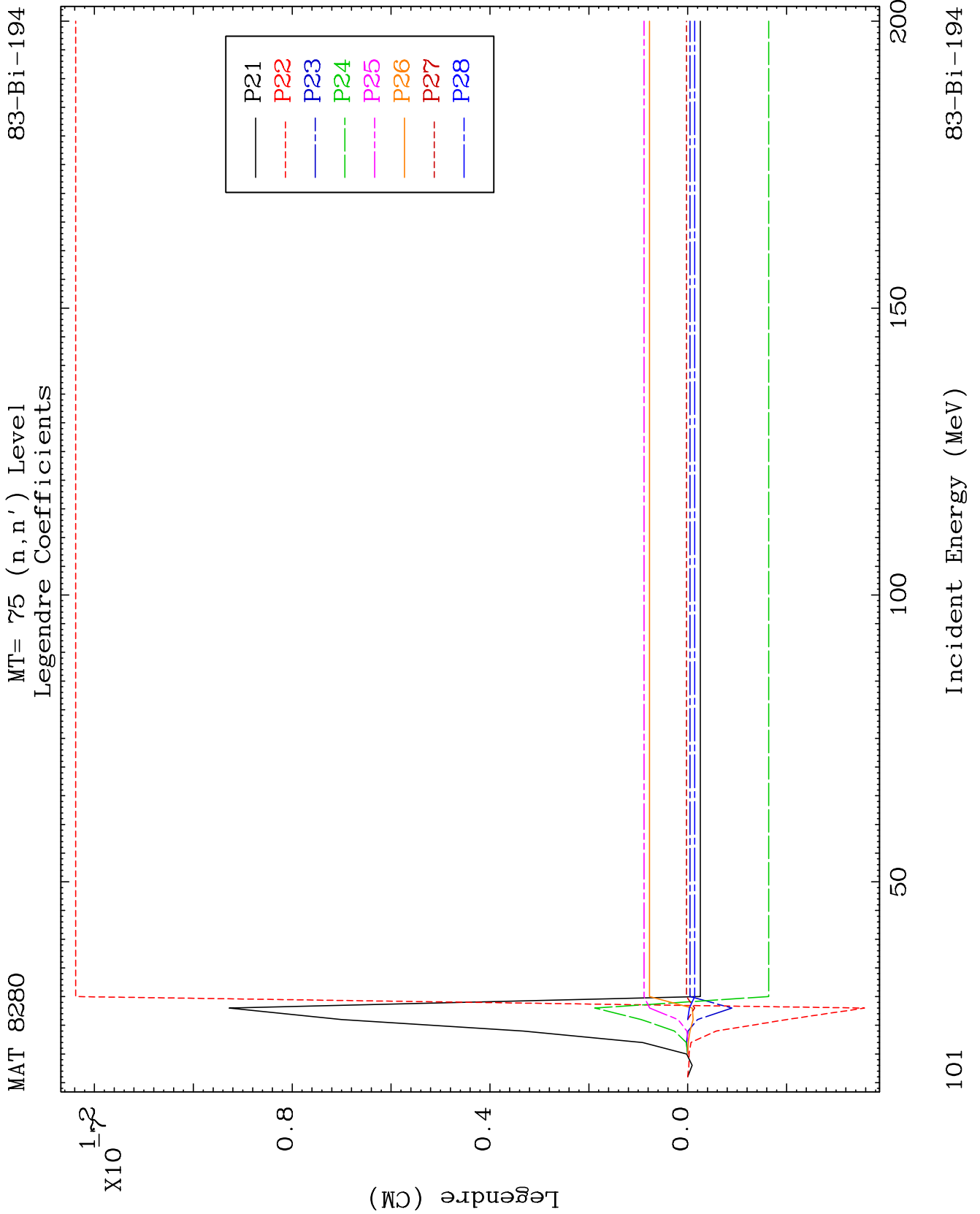
83-Bi-194



100

Incident Energy (MeV)

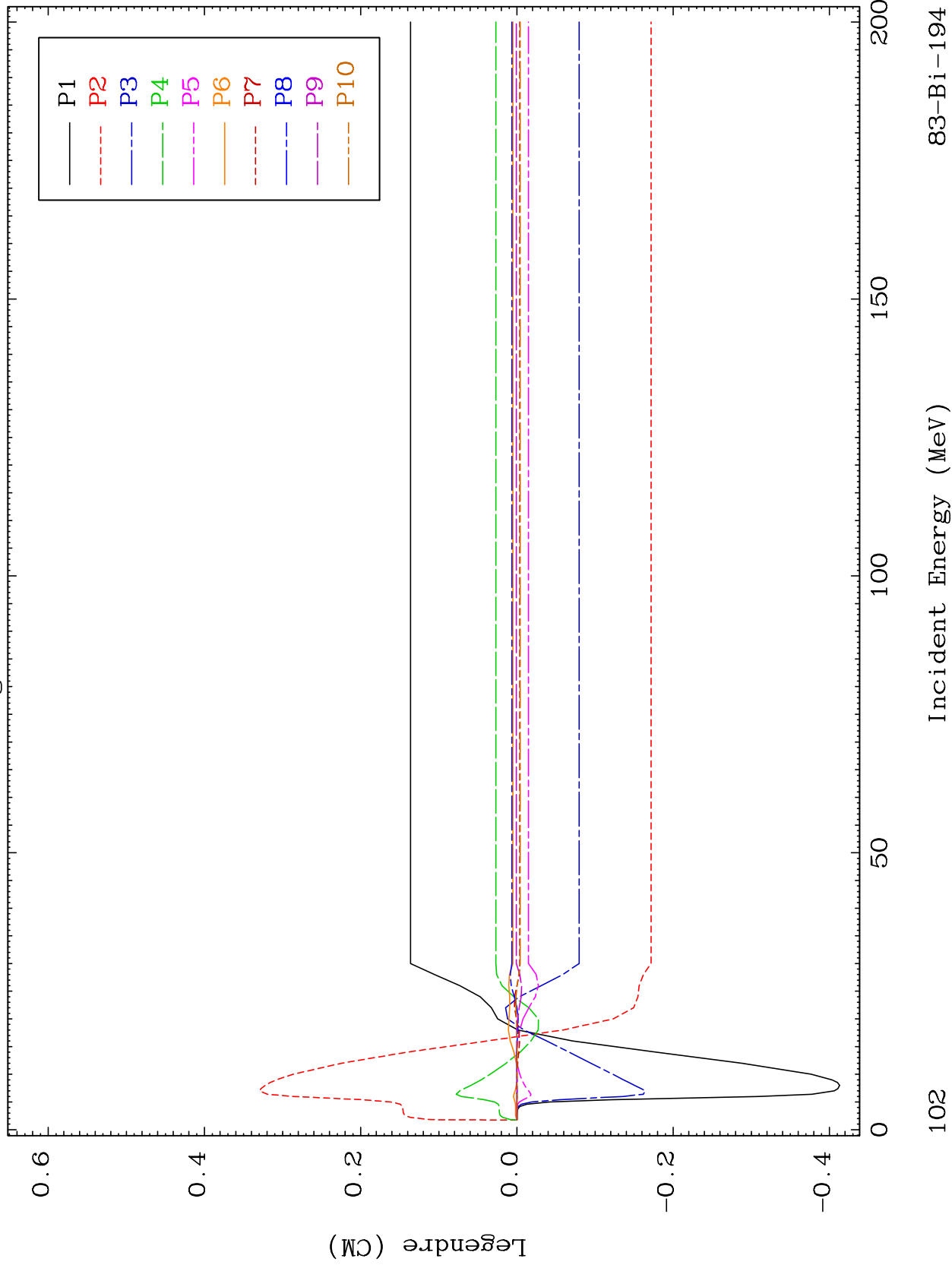
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

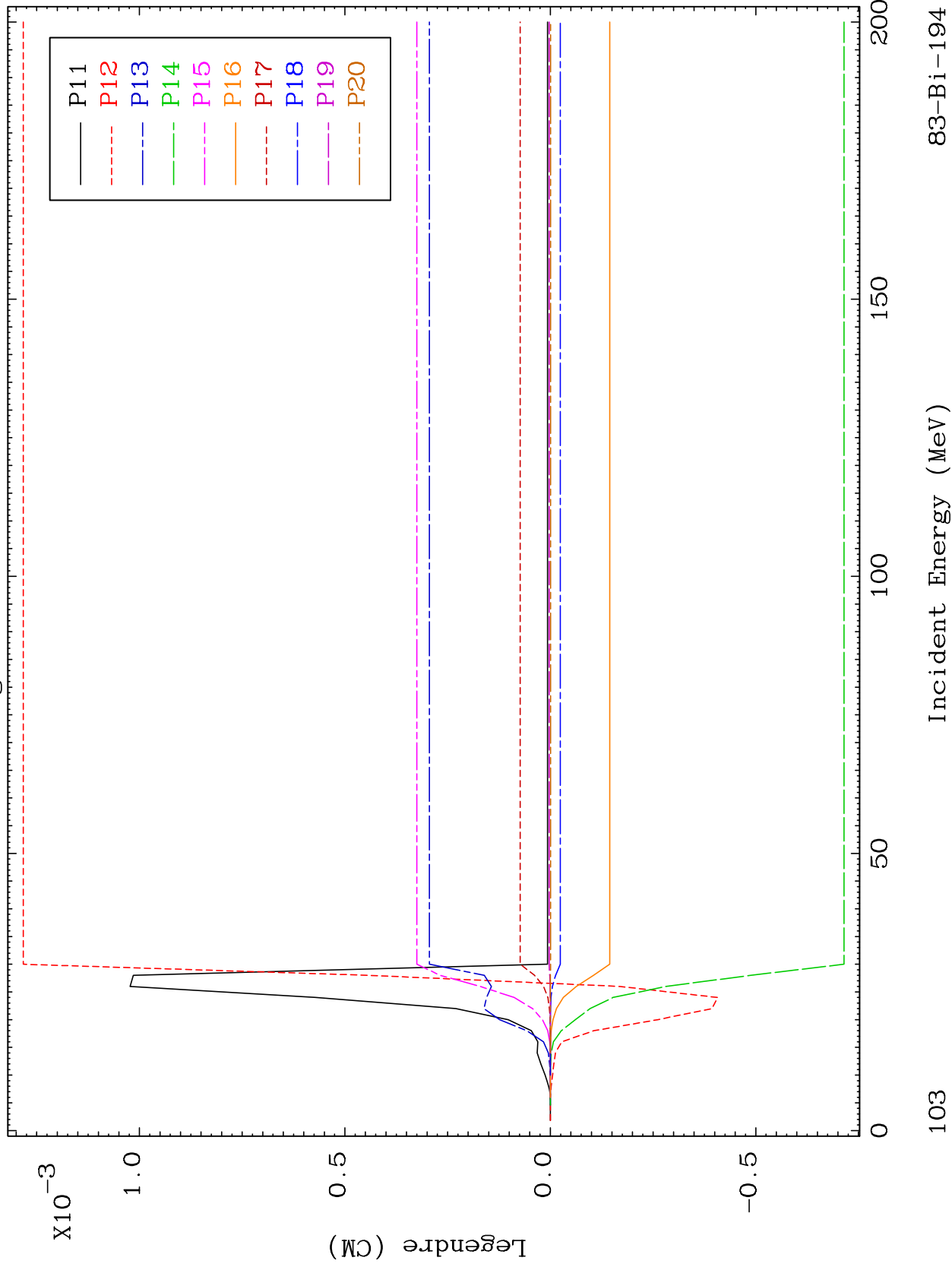
Incident Energy (MeV)

102

MAT 8280

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

83-Bi-194



83-Bi-194

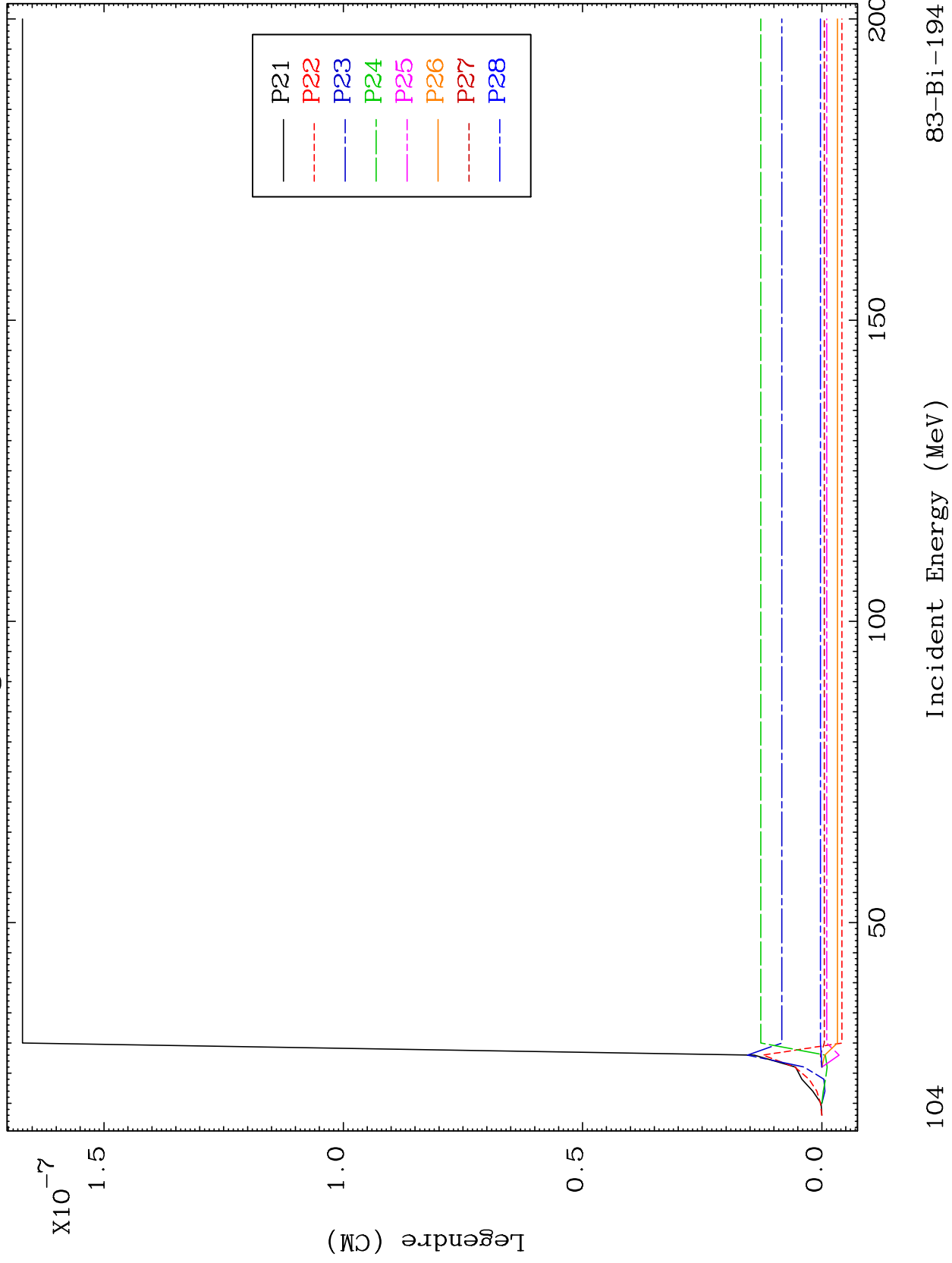
Incident Energy (MeV)

103

MAT 8280

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

83-Bi-194



104

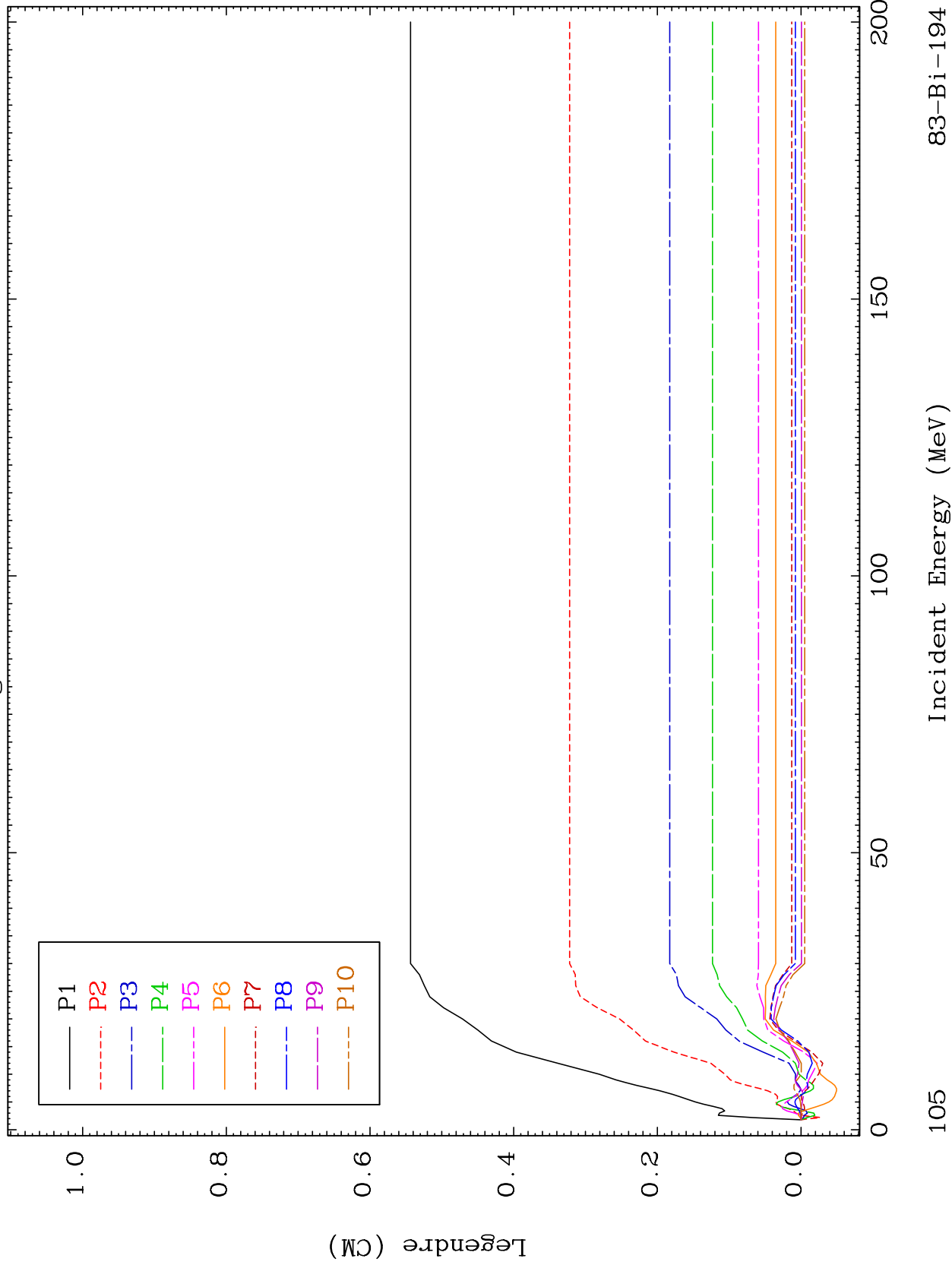
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

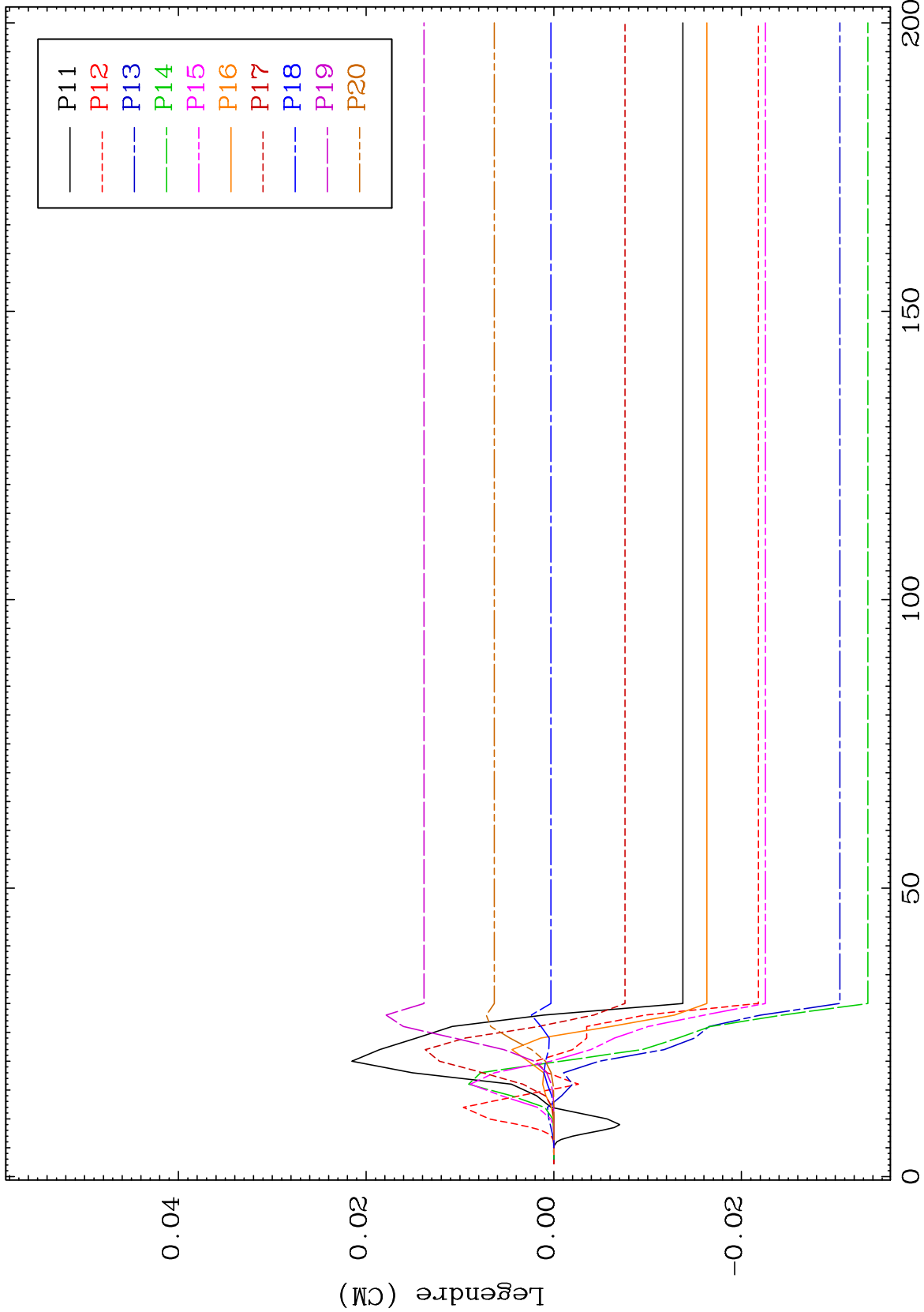
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

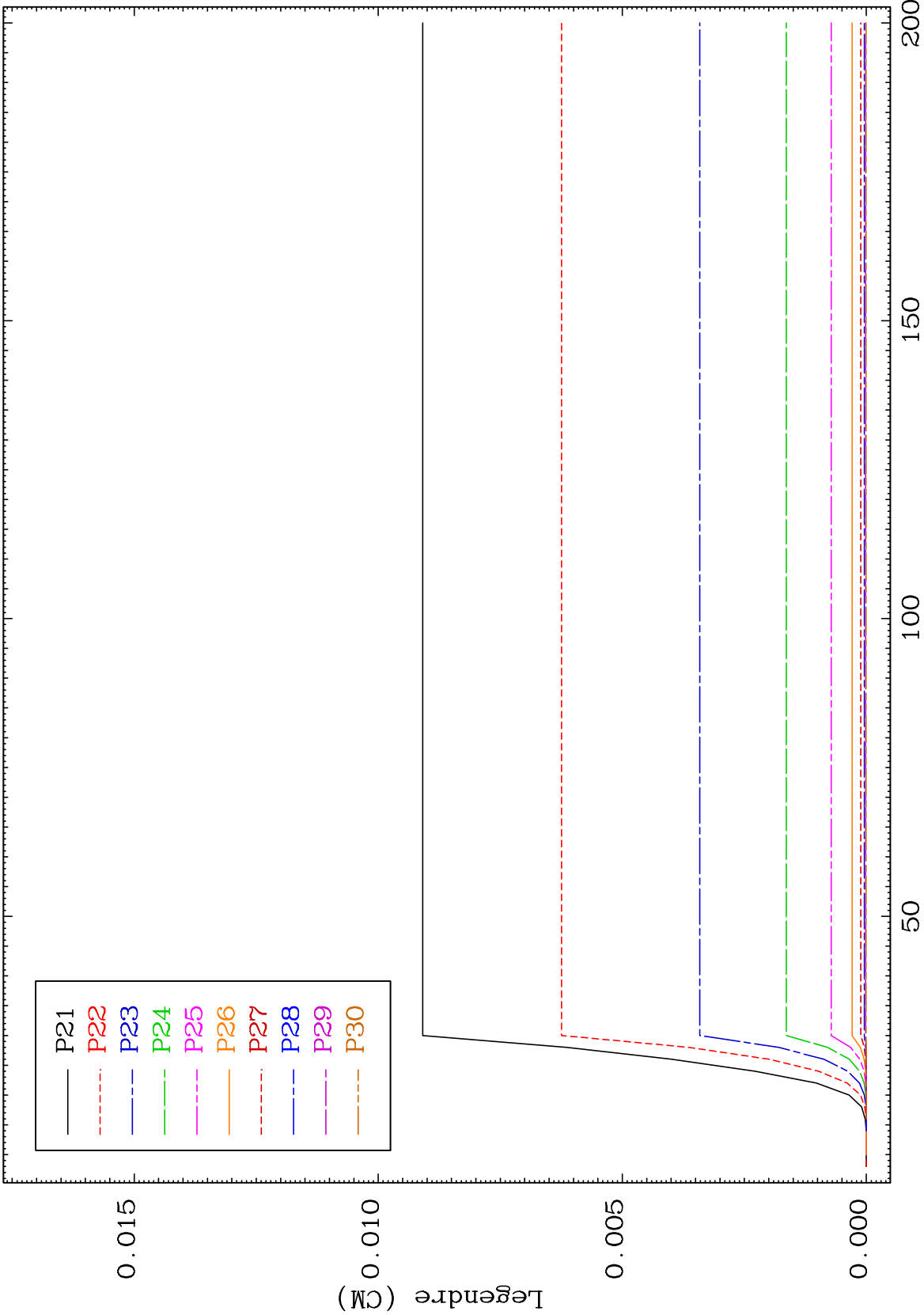
Incident Energy (MeV)

106

MAT 8280

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

83-Bi-194



107

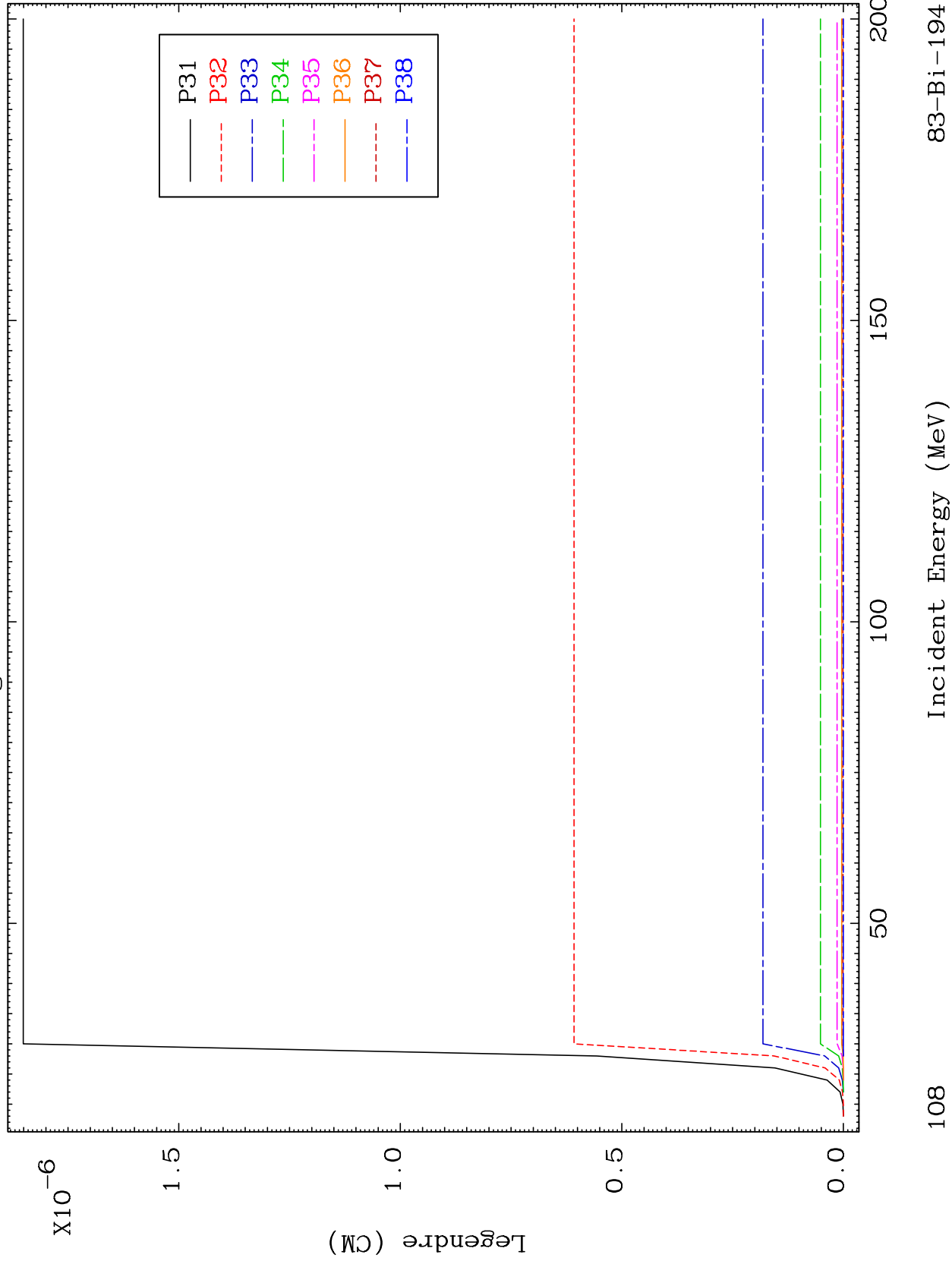
Incident Energy (MeV)

83-Bi-194

MAT 8280

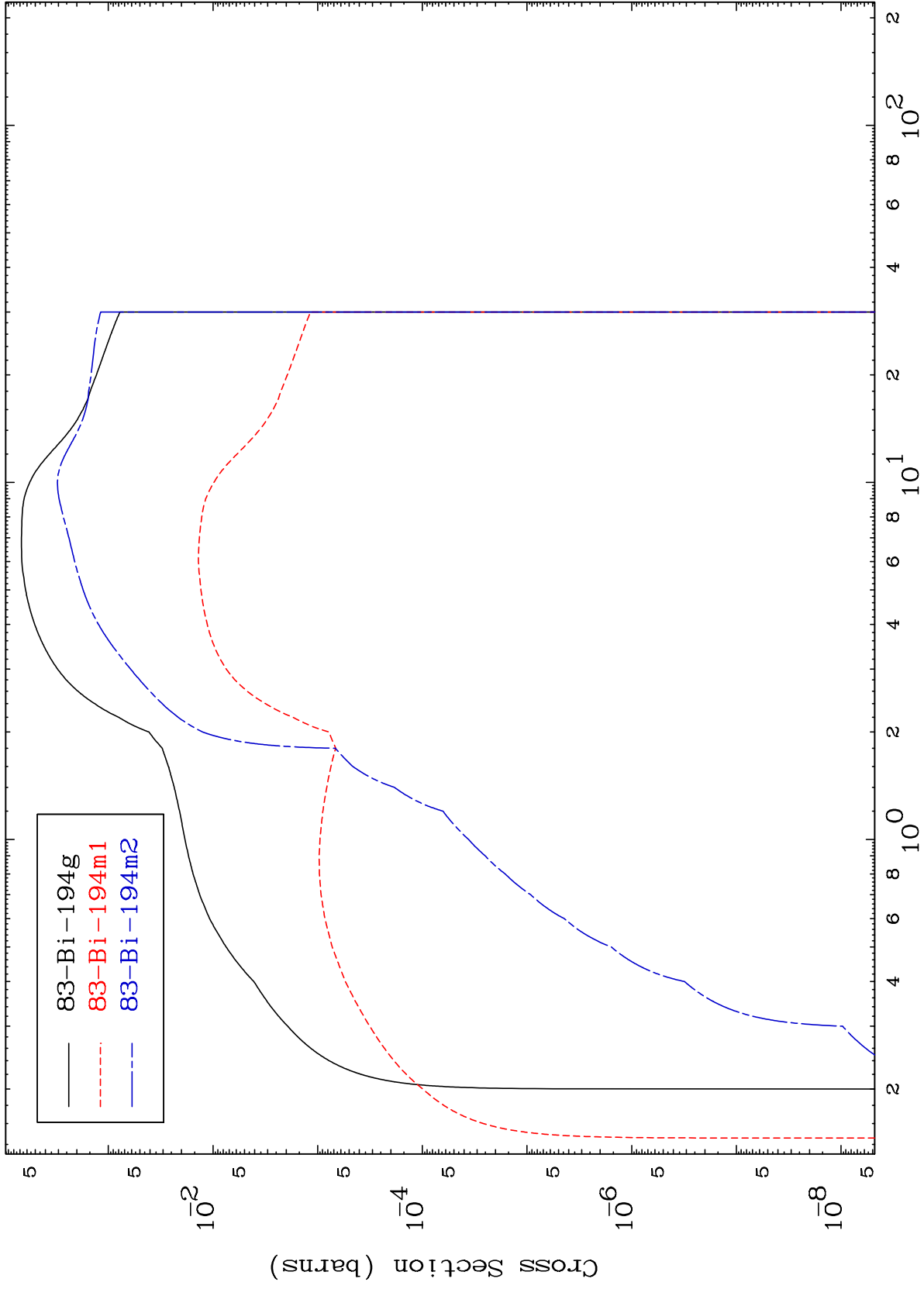
MT= 77 (n,n') Level
Legendre Coefficients

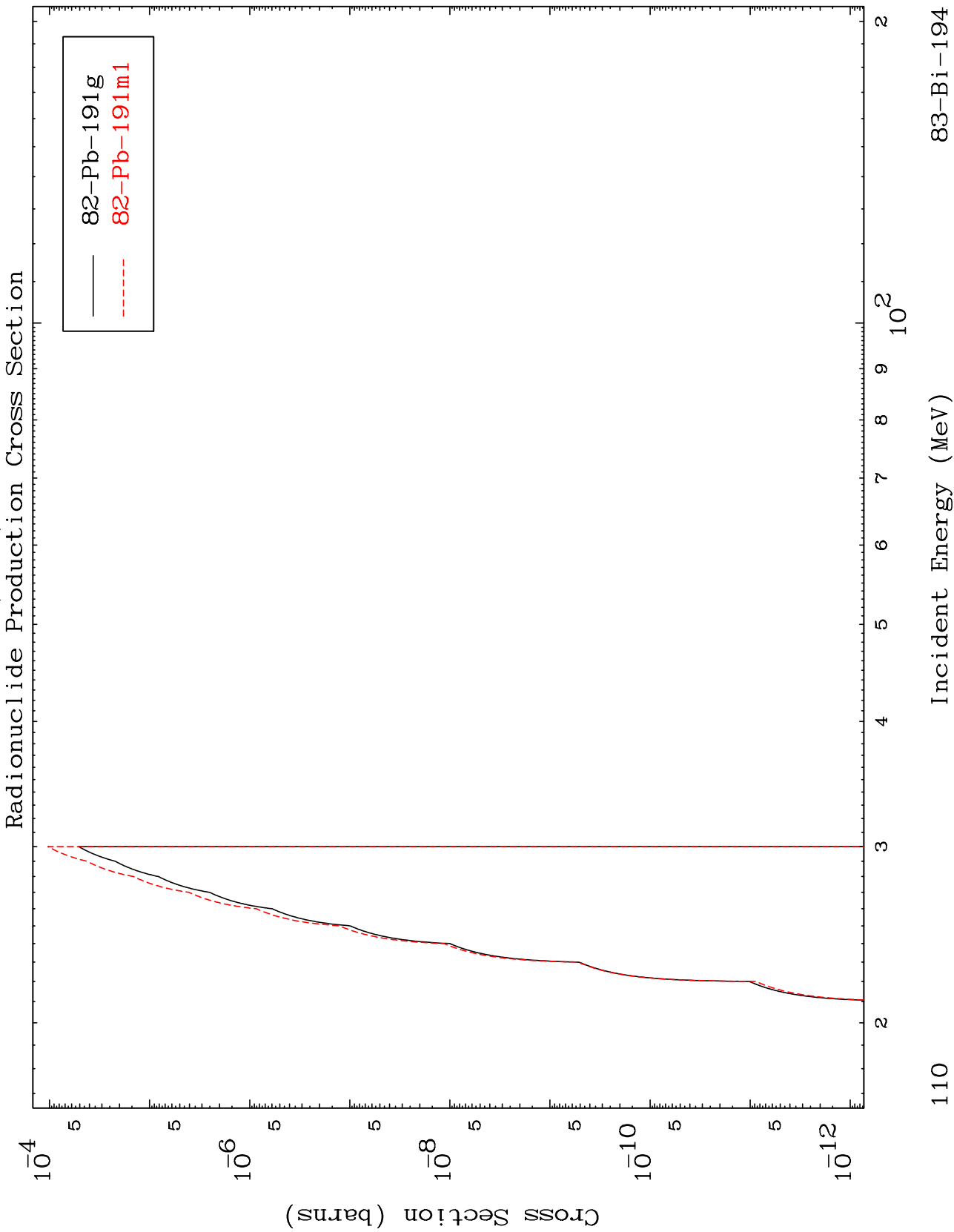
83-Bi-194



108

Radionuclide Production Cross Section



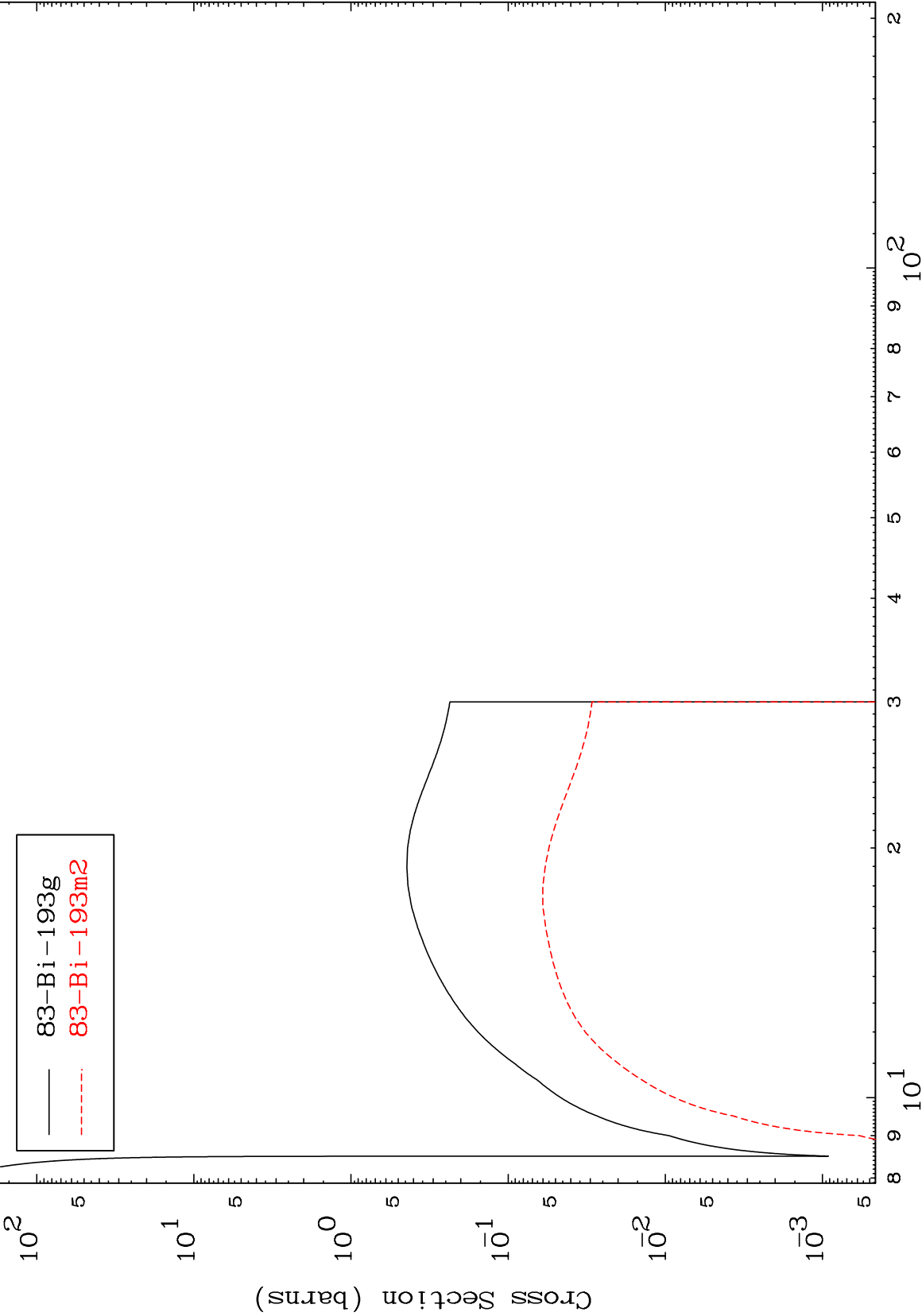


MAT 8280

(n,2n)

83-Bi-194

Radionuclide Production Cross Section



111

Incident Energy (MeV)

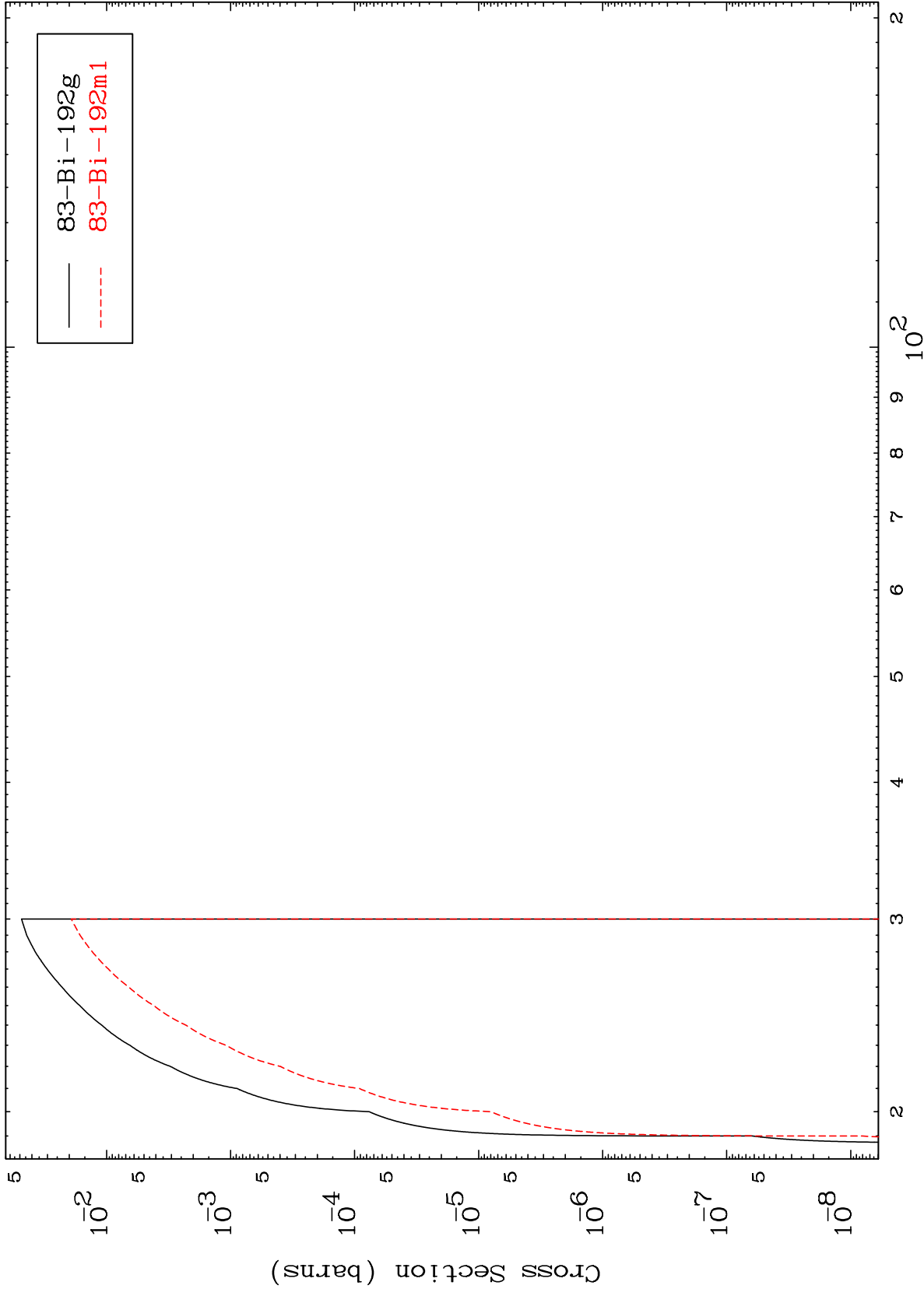
83-Bi-194

MAT 8280

(n,3n)

83-Bi-194

Radionuclide Production Cross Section



112

Incident Energy (MeV)

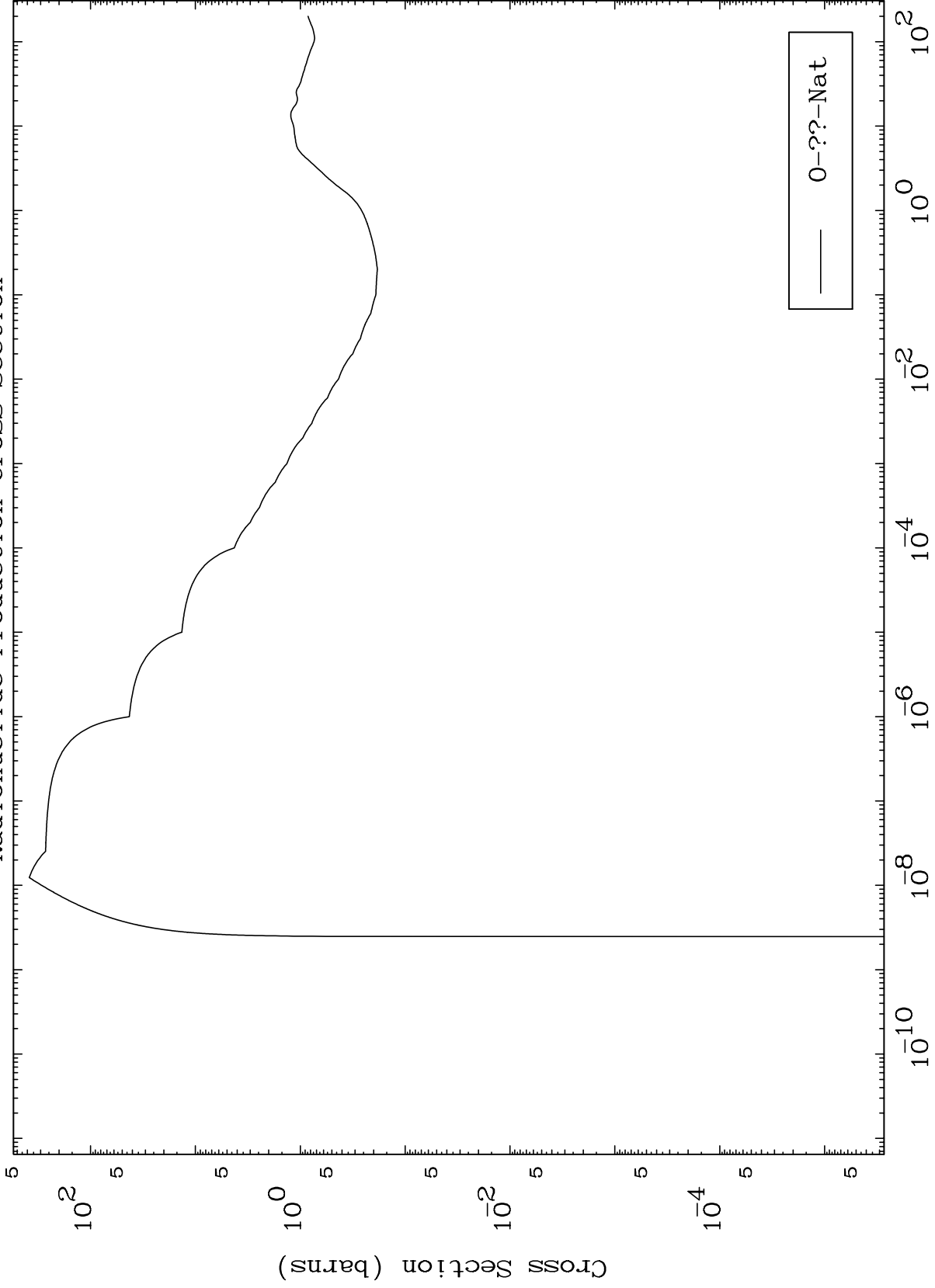
83-Bi-194

MAT 8280

Fission

83-Bi-194

Radionuclide Production Cross Section



113

Incident Energy (MeV)

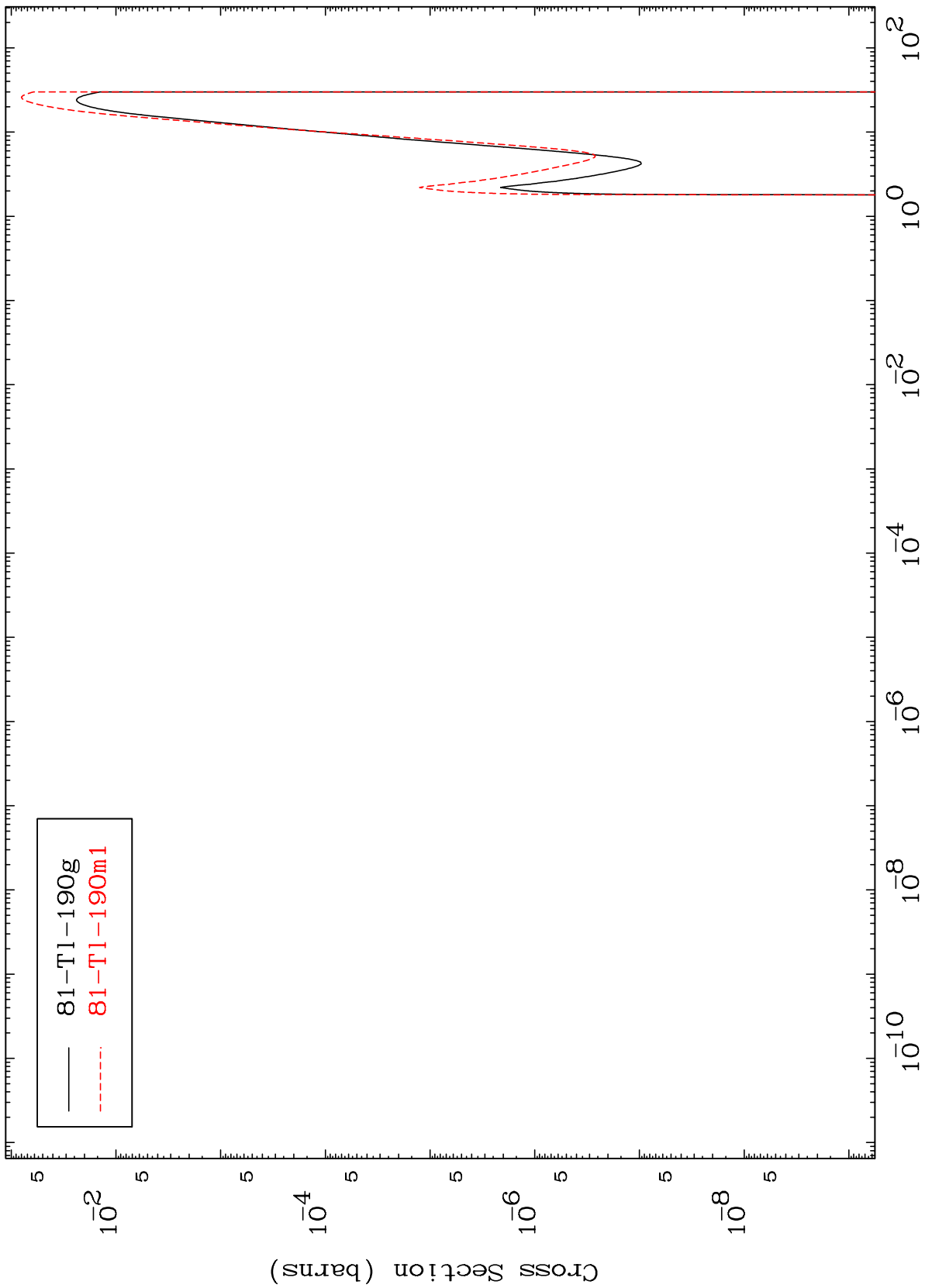
83-Bi-194

MAT 8280

(n, n') α

83-Bi-194

Radionuclide Production Cross Section



81-Tl-190g
81-Tl-190m1

Incident Energy (MeV)

83-Bi-194

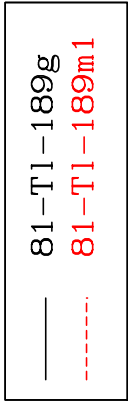
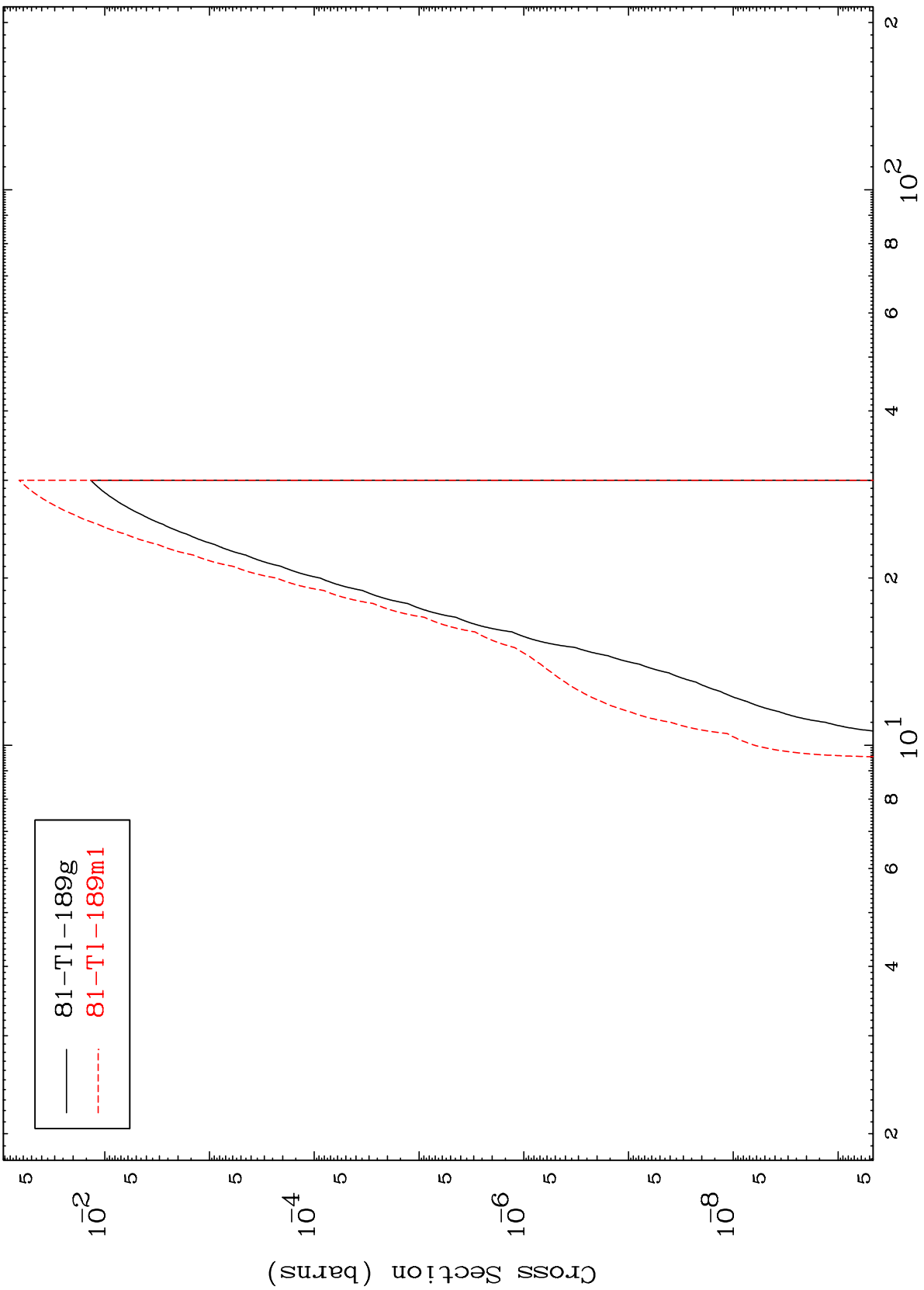
114

MAT 8280

(n,2n) α

83-Bi-194

Radionuclide Production Cross Section

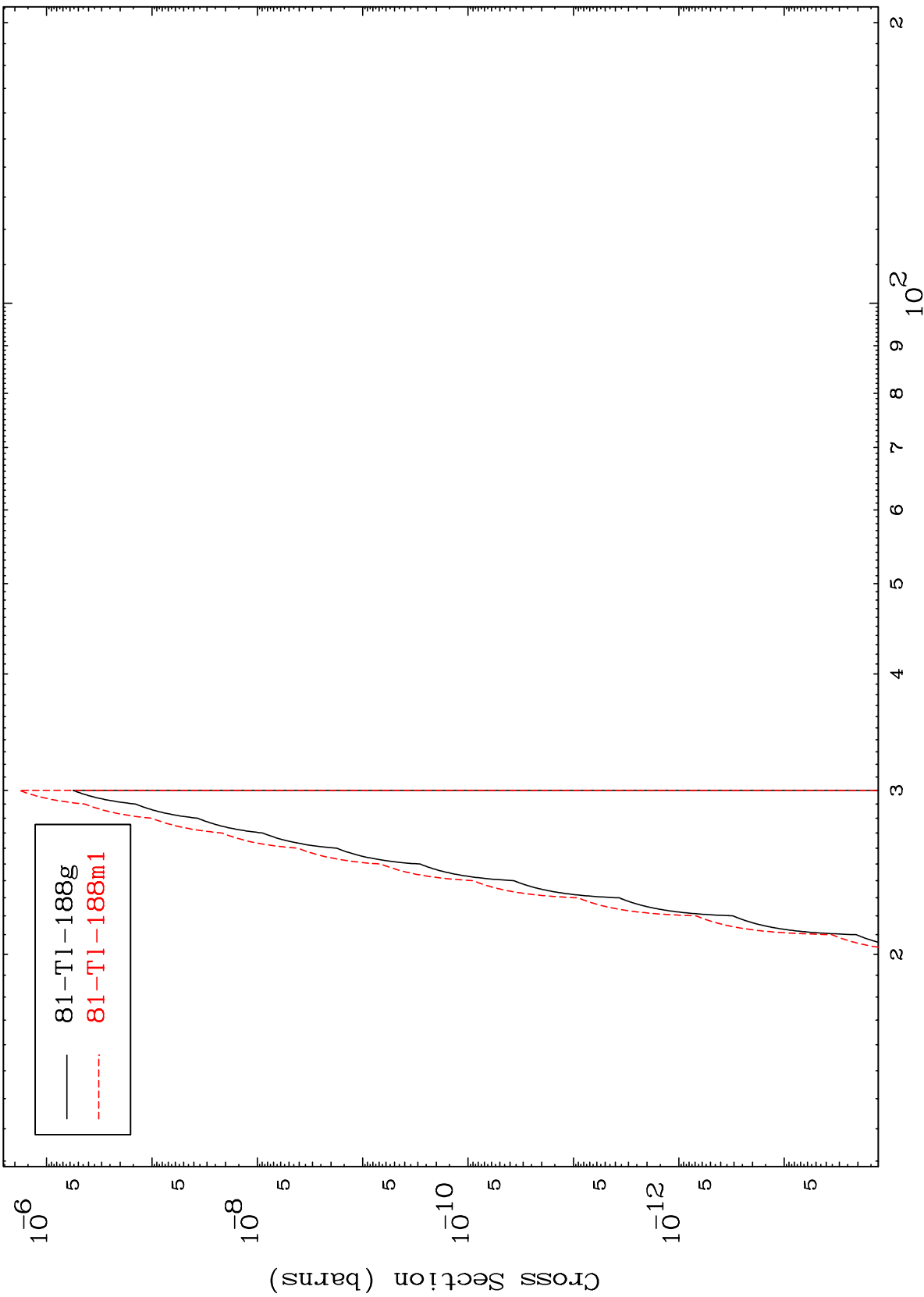


115

Incident Energy (MeV)

83-Bi-194

Radionuclide Production Cross Section

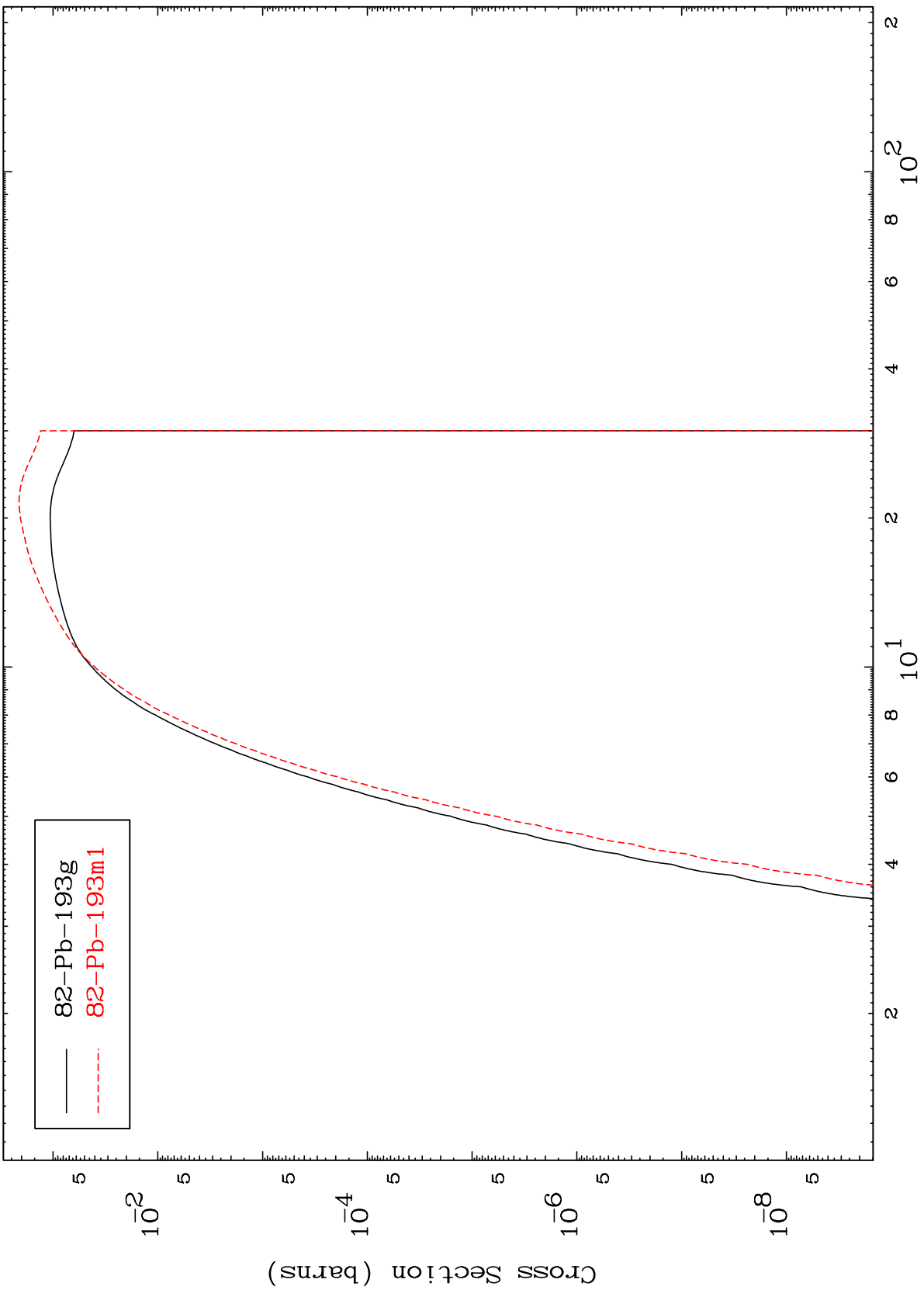


MAT 8280

(n,n') p

83-Bi-194

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

117

Incident Energy (MeV)

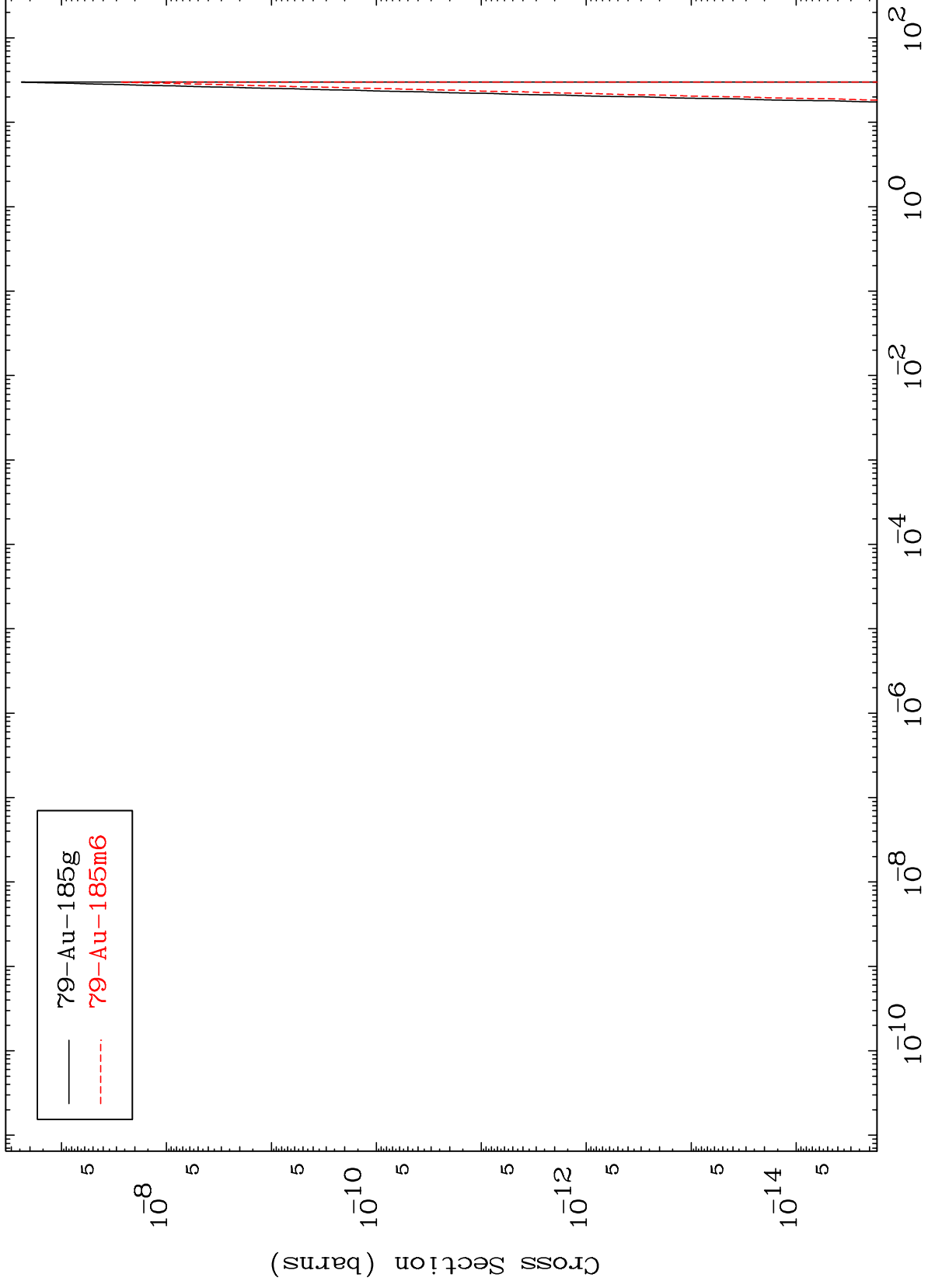
83-Bi-194

MAT 8280

$(n,2n) 2\alpha$

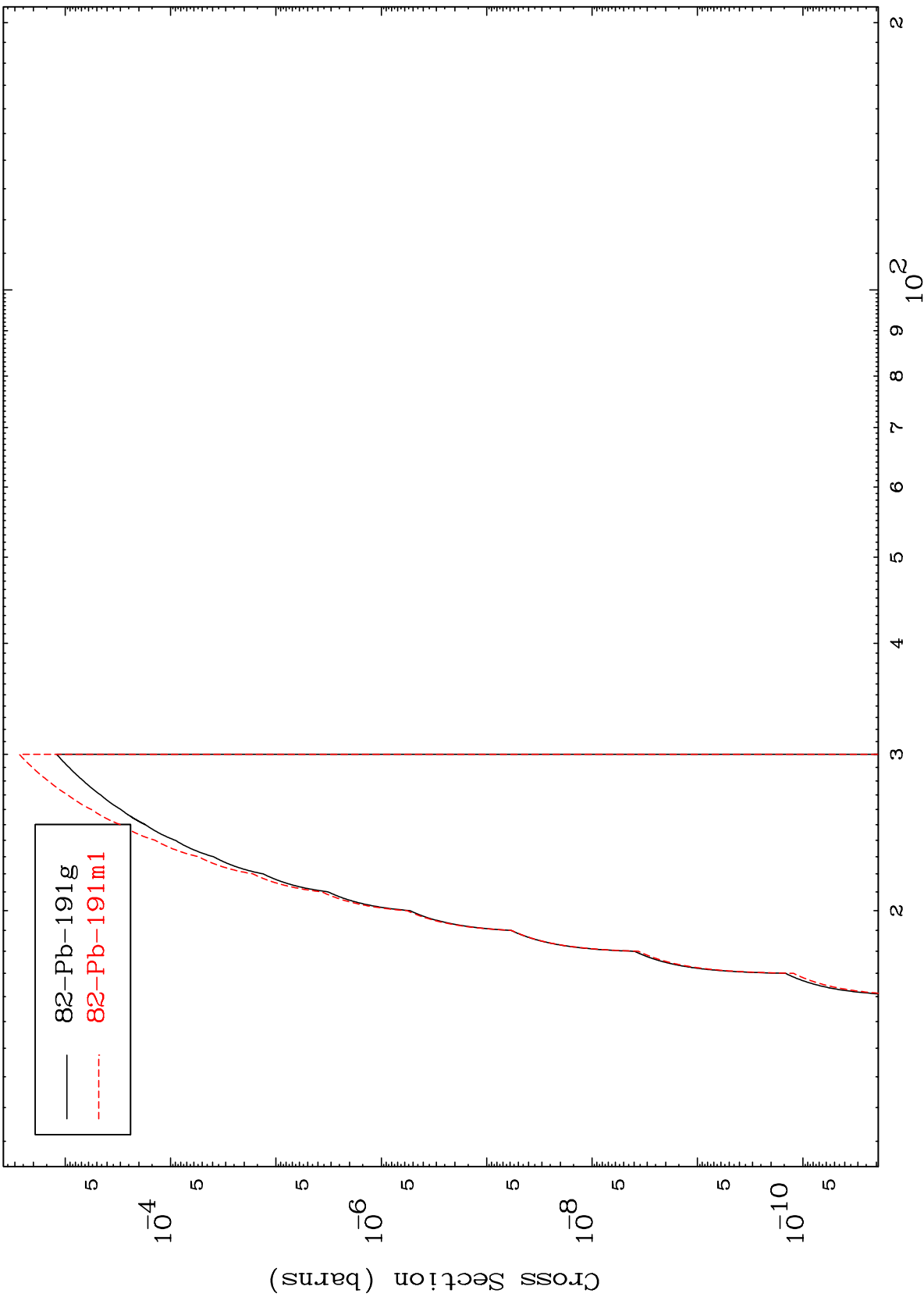
$^{83}\text{Bi-194}$

Radionuclide Production Cross Section



— $^{79}\text{Au-185g}$
- - - $^{79}\text{Au-185m6}$

Radionuclide Production Cross Section

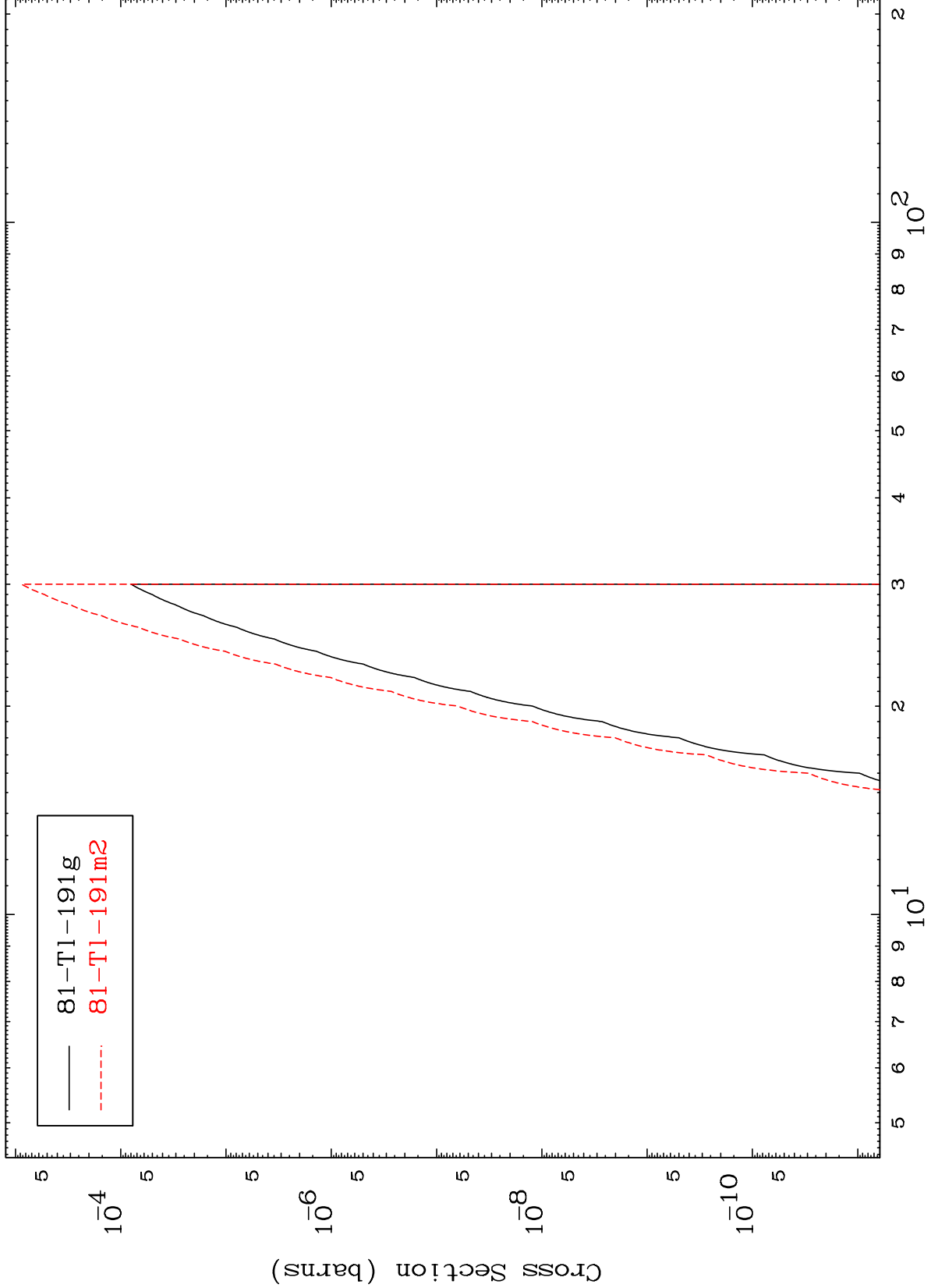


MAT 8280

(n,n') He-3

83-Bi-194

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

120

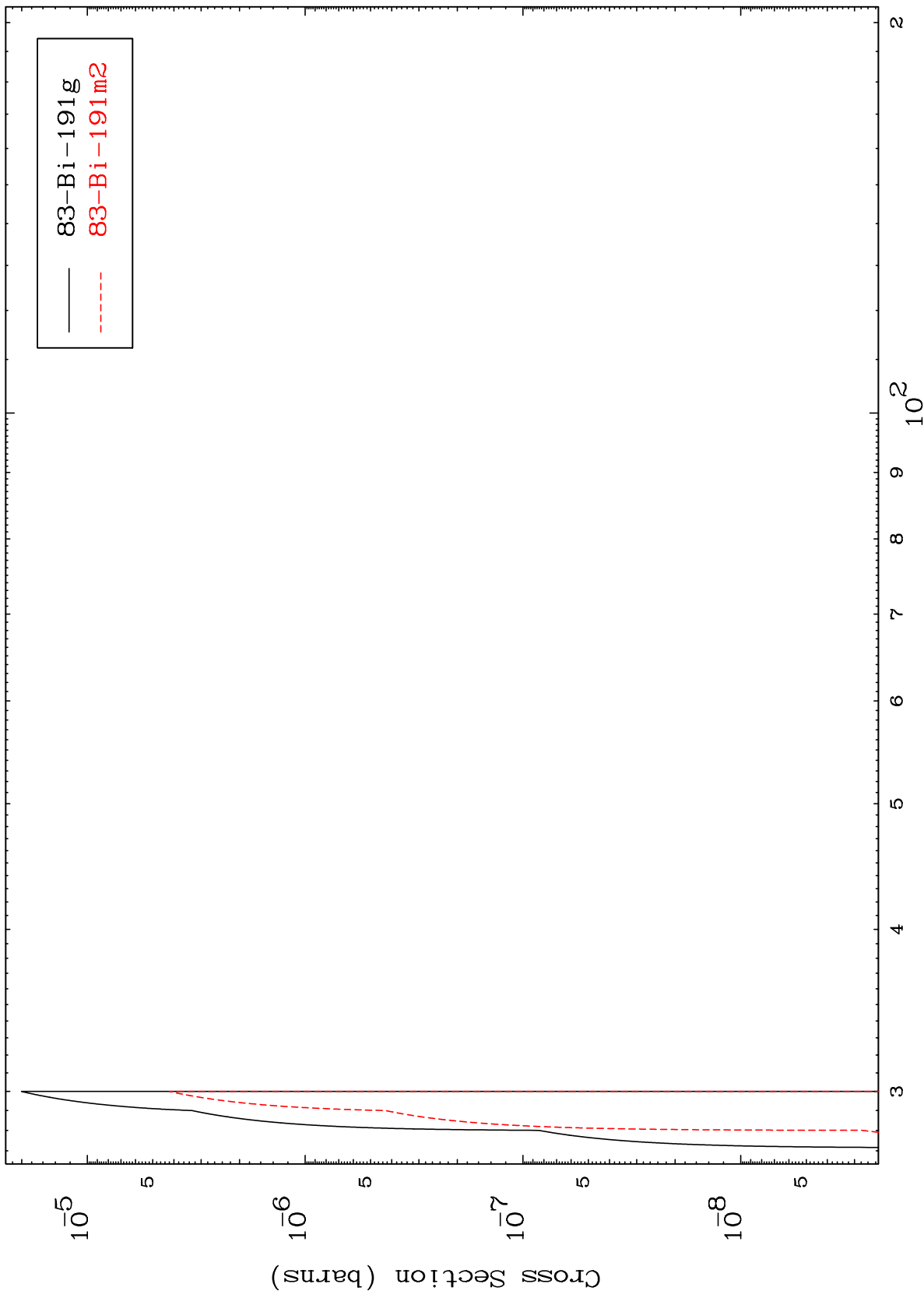
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(n,4n)
Radionuclide Production Cross Section



121

83-Bi-194

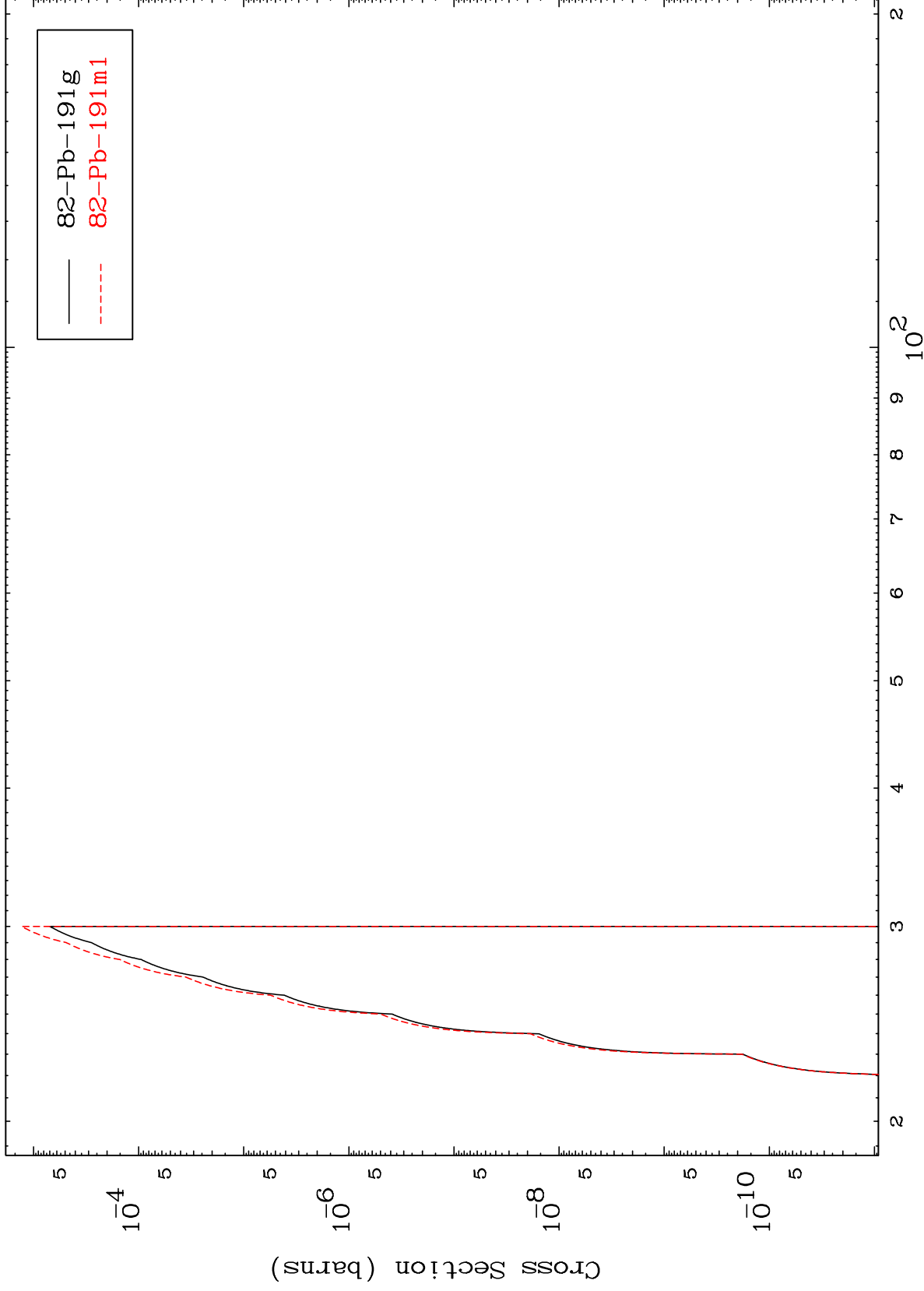
Incident Energy (MeV)

MAT 8280

(n,3n) p

83-Bi-194

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

122

Incident Energy (MeV)

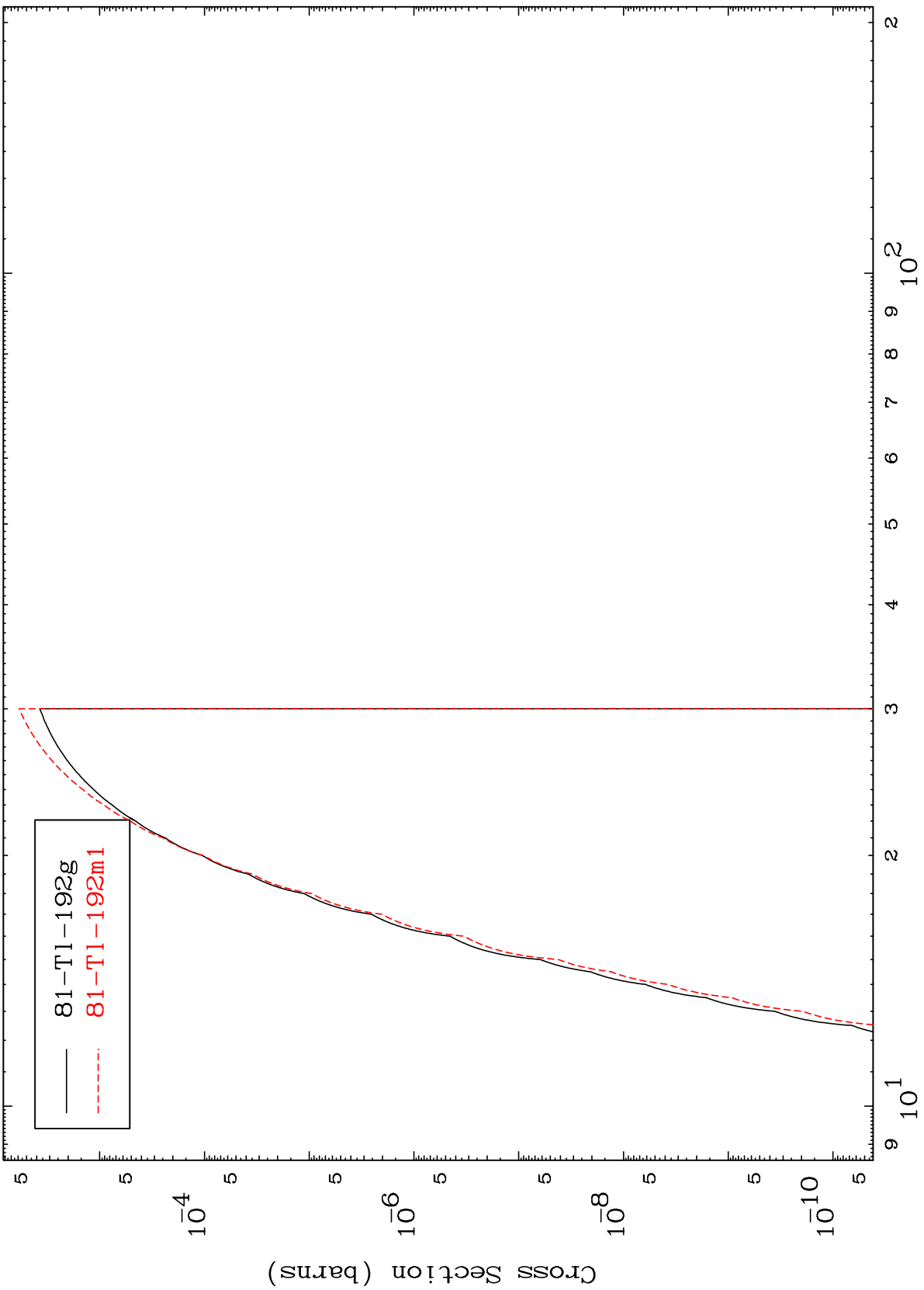
83-Bi-194

MAT 8280

(n,2n) p

83-Bi-194

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

123

Incident Energy (MeV)

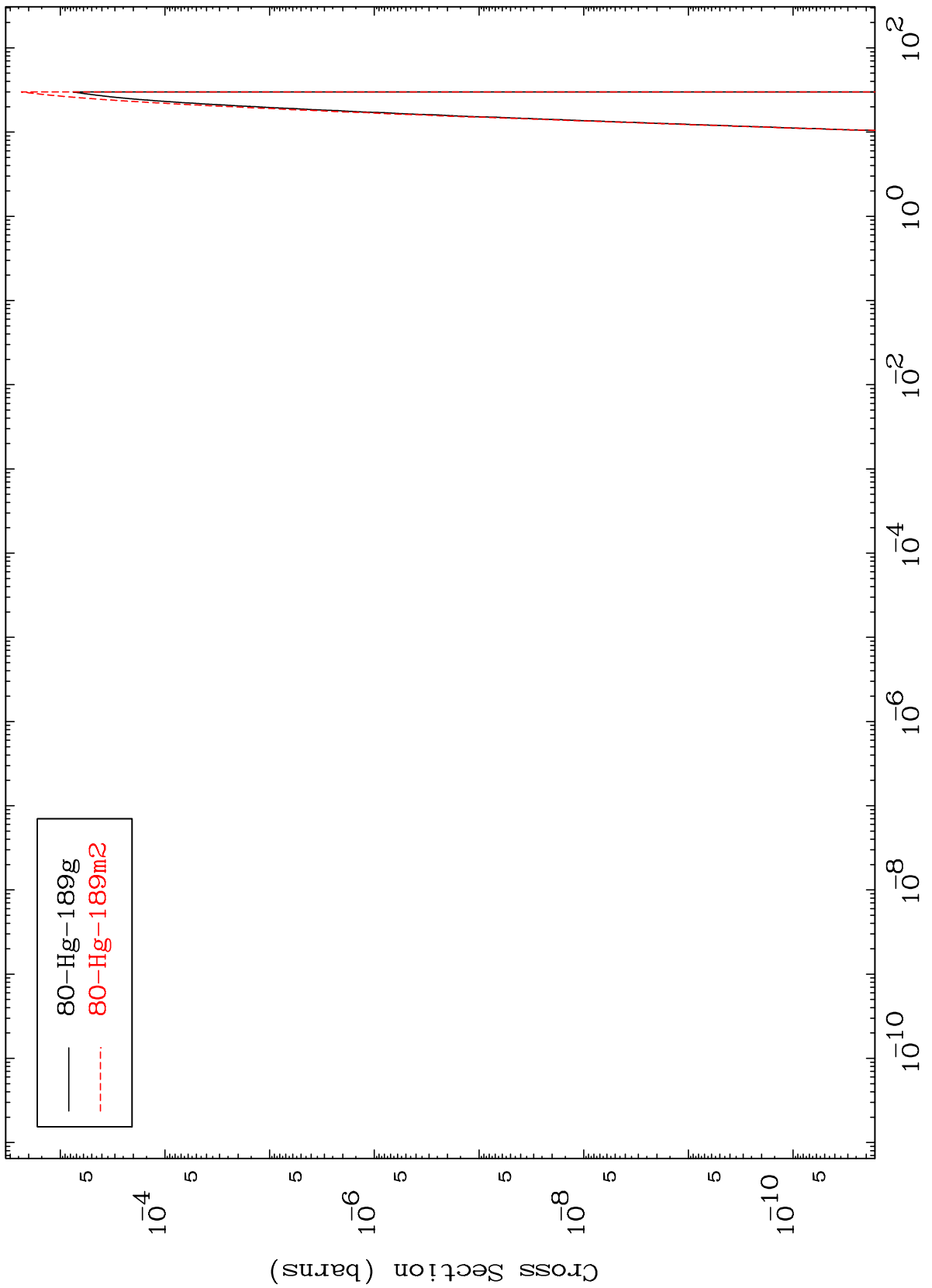
83-Bi-194

MAT 8280

(n,n') p α

83-Bi-194

Radionuclide Production Cross Section



124

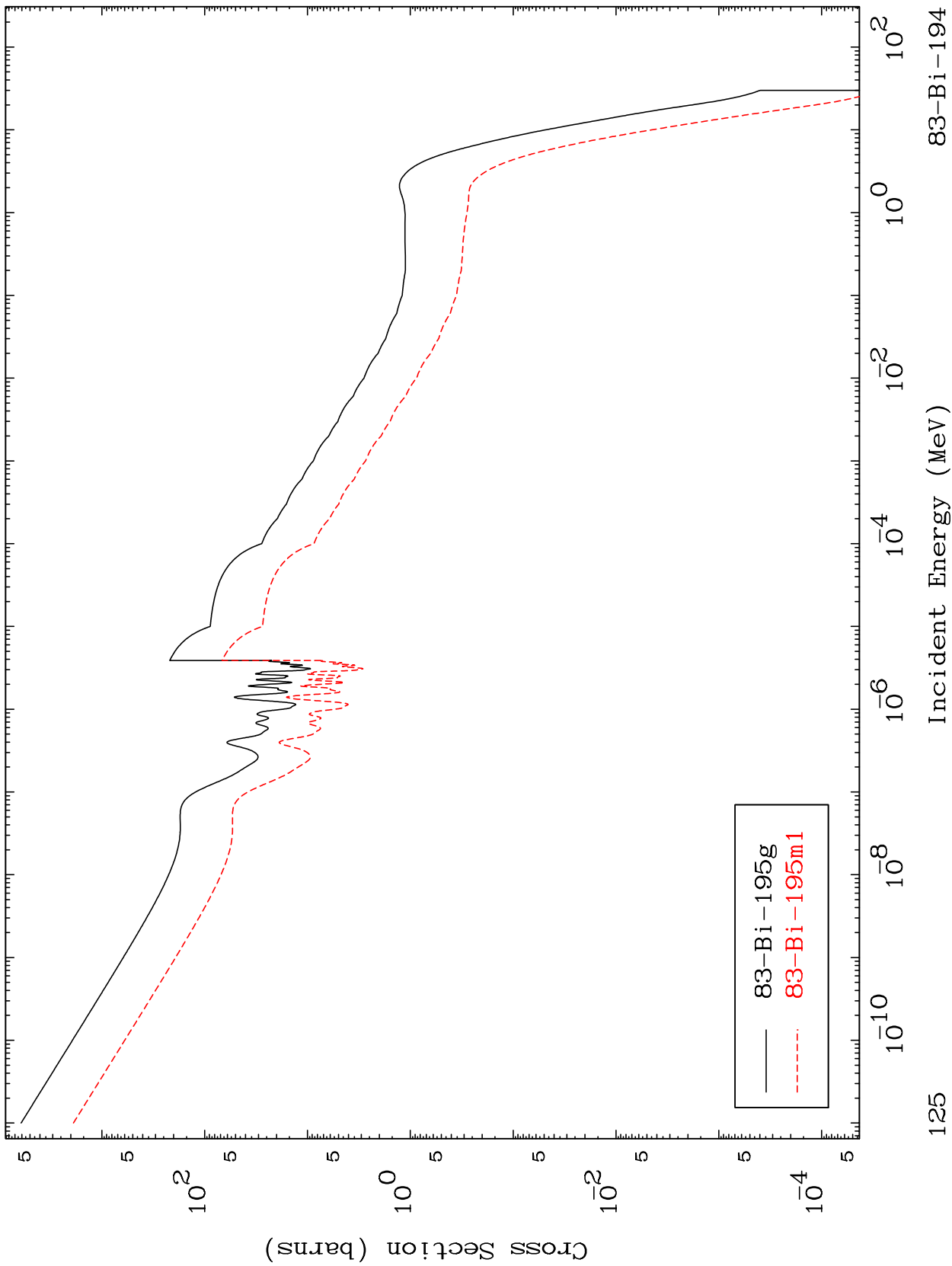
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(n, γ)
Radionuclide Production Cross Section



125

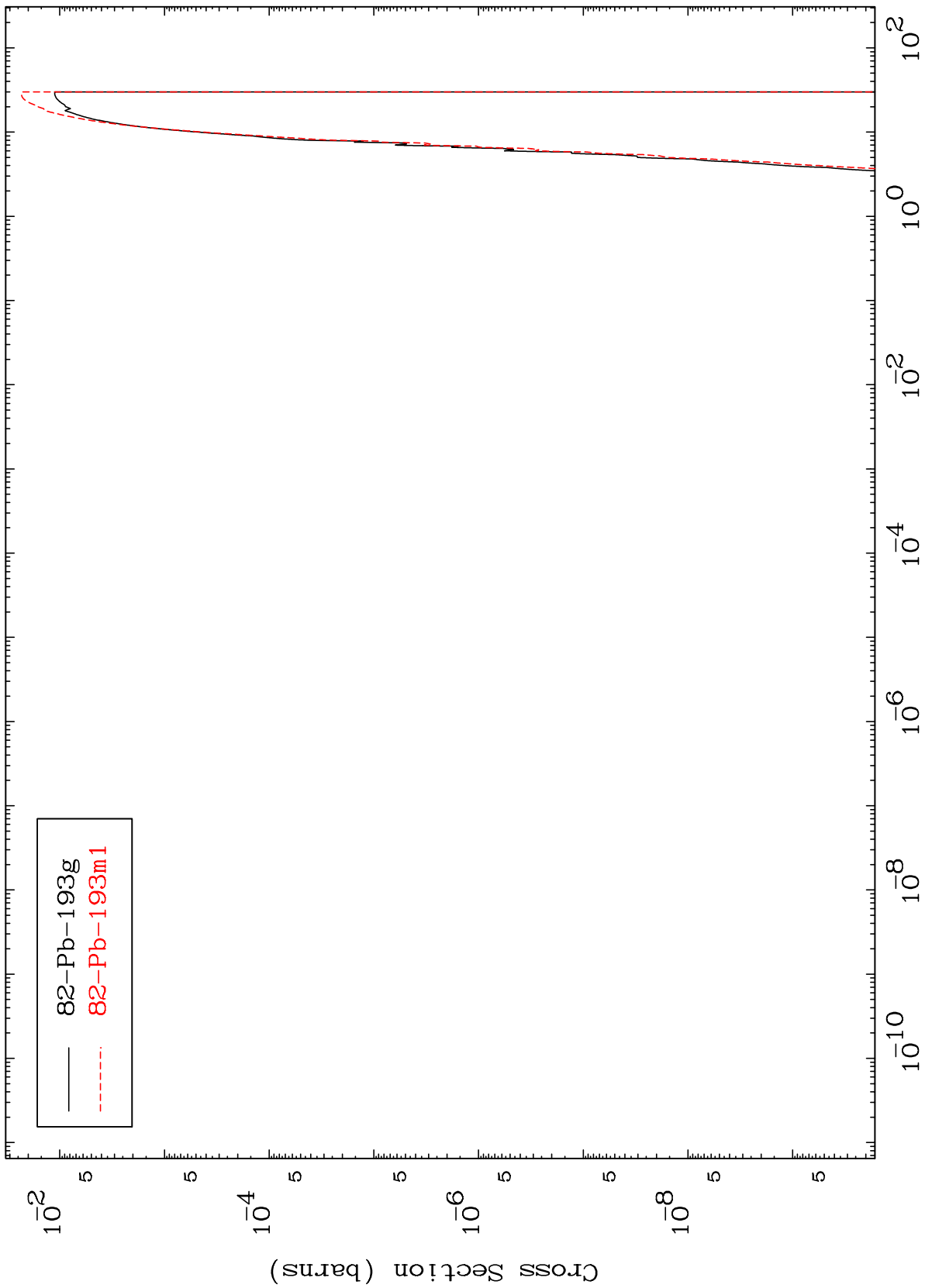
83-Bi-194

MAT 8280

(n,d)

83-Bi-194

Radionuclide Production Cross Section



126

Incident Energy (MeV)

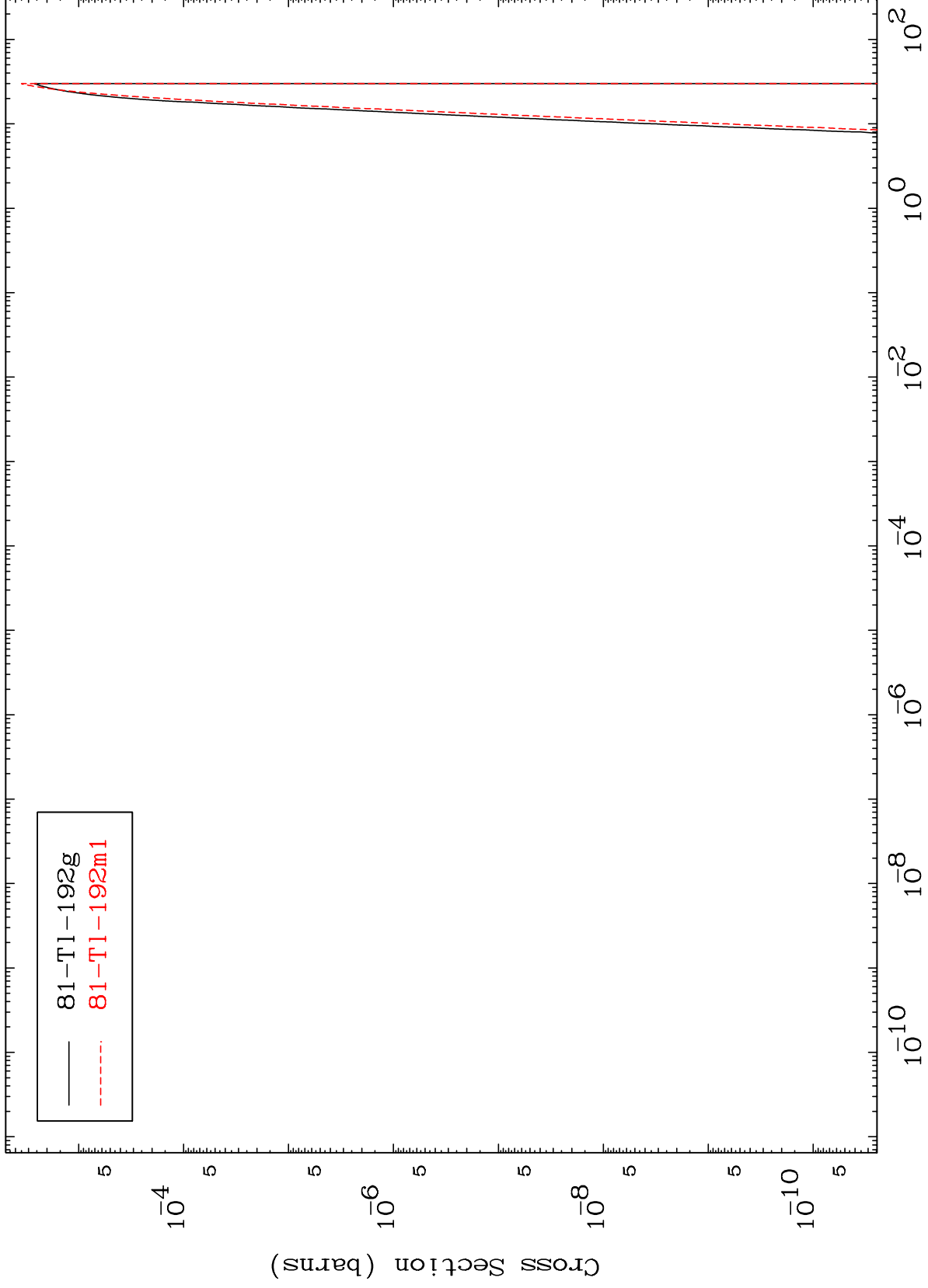
83-Bi-194

MAT 8280

(n,He-3)

83-Bi-194

Radionuclide Production Cross Section

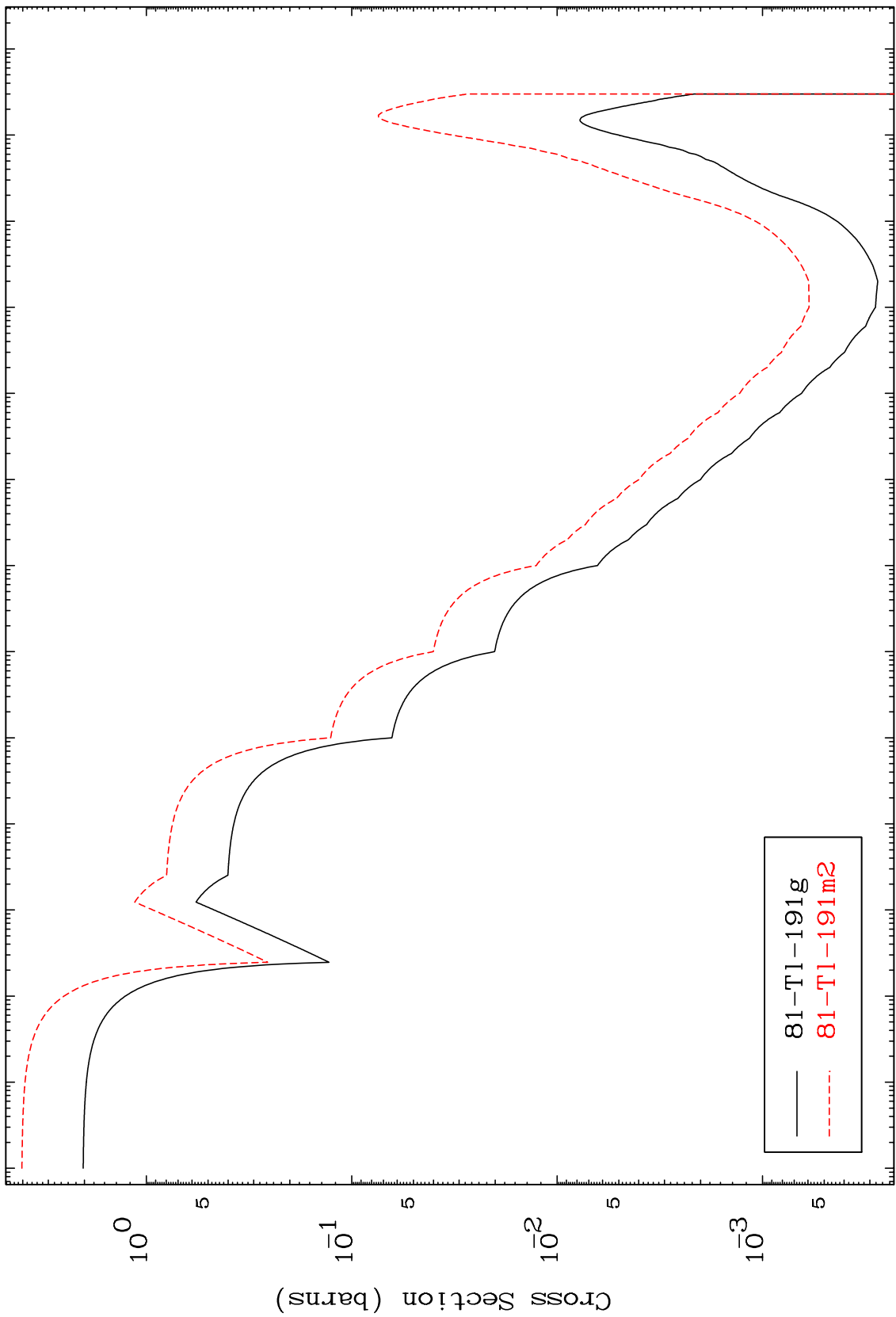


MAT 8280

(n,α)

83-Bi-194

Radionuclide Production Cross Section



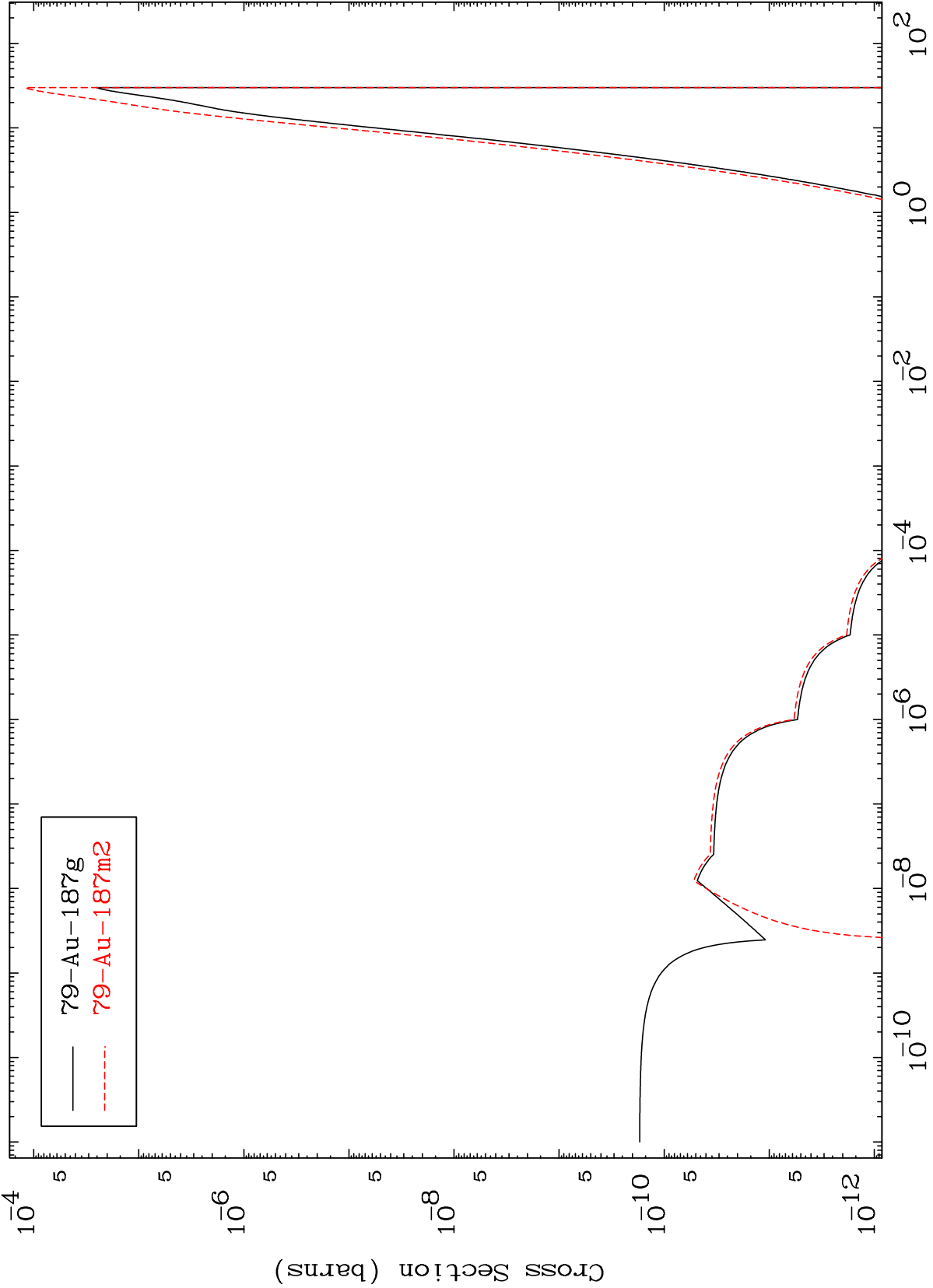
83-Bi-194

MAT 8280

(n,2 α)

83-Bi-194

Radionuclide Production Cross Section

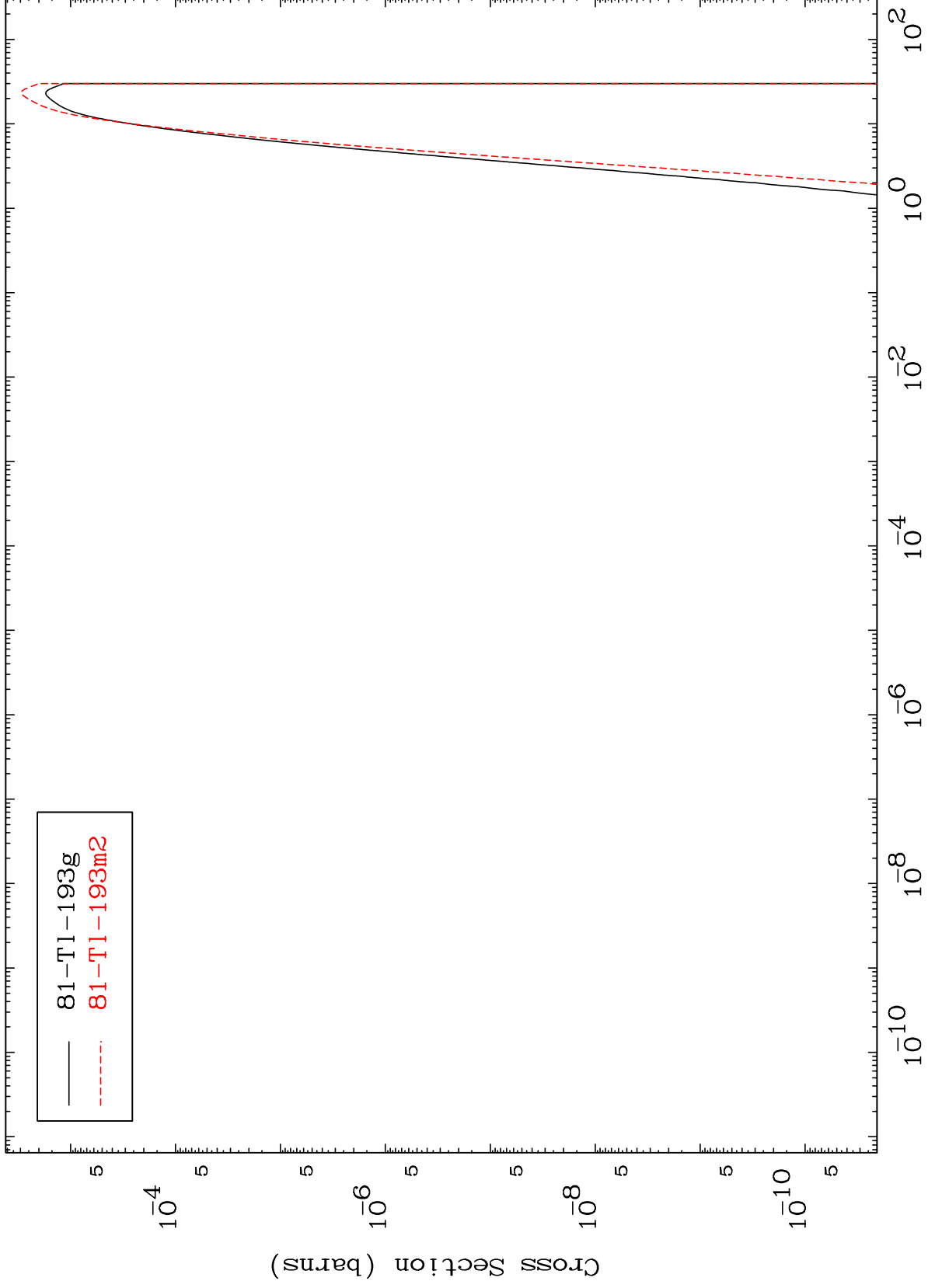


MAT 8280

(n,2p)

83-Bi-194

Radionuclide Production Cross Section



130

Incident Energy (MeV)

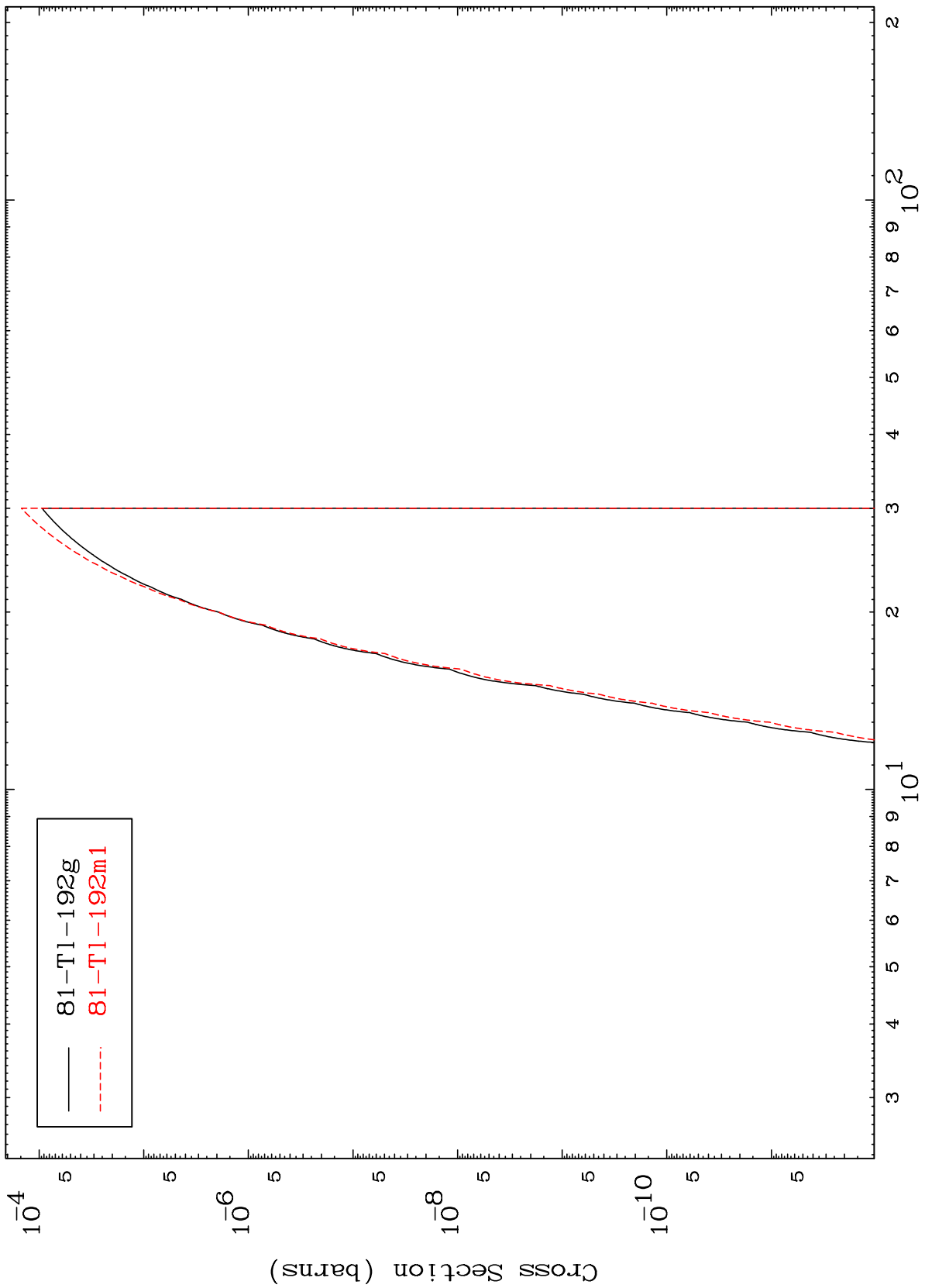
83-Bi-194

MAT 8280

(n,p) d

83-Bi-194

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

131

Incident Energy (MeV)

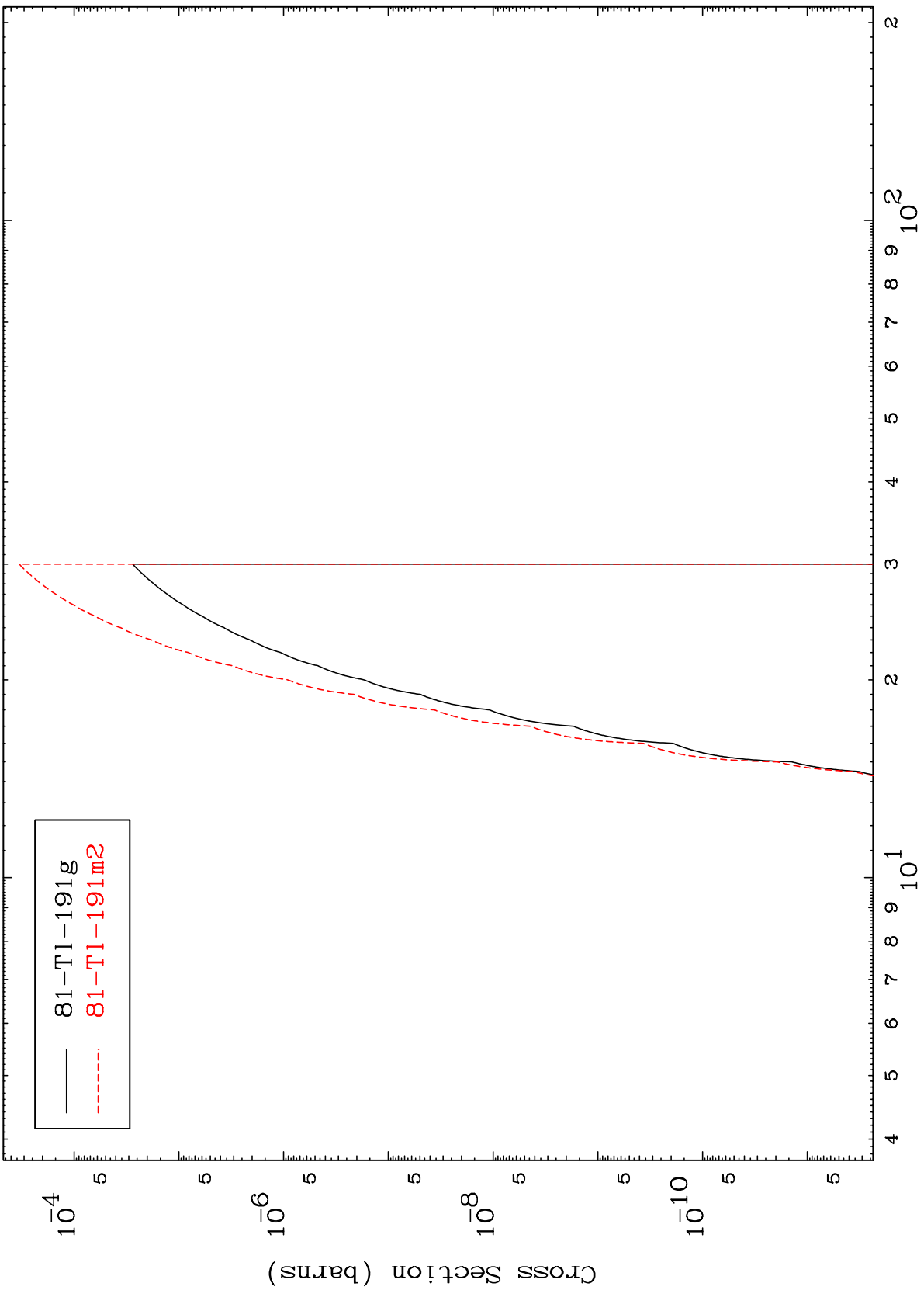
83-Bi-194

MAT 8280

(n,p) t

83-Bi-194

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

132

Incident Energy (MeV)

83-Bi-194

MAT 8280

$(n, d) \alpha$

$^{83}\text{Bi}-194$

Radionuclide Production Cross Section

