

Program EVALPLOT
(Version 2021-1)

by

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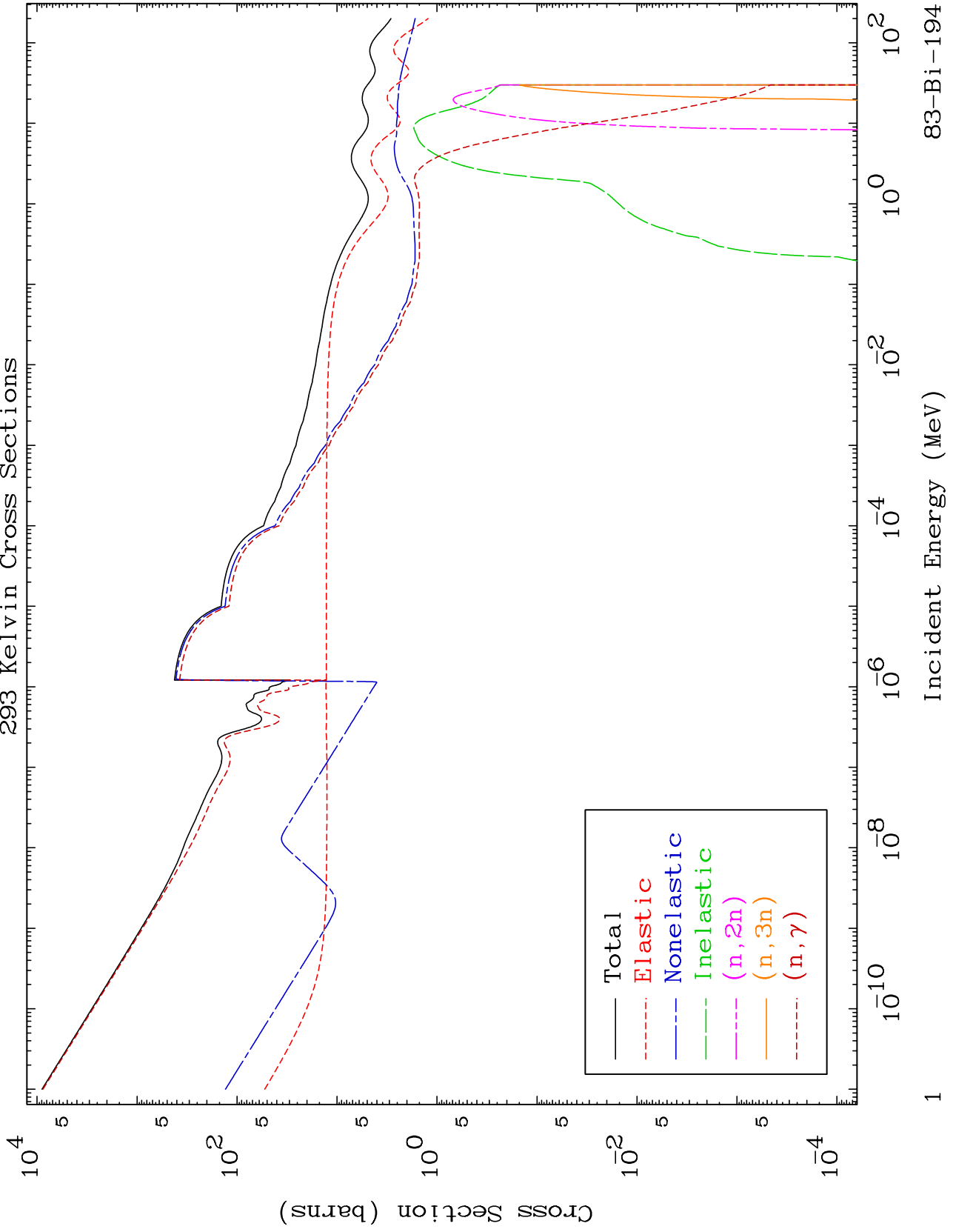
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8280

Neutron Major
293 Kelvin Cross Sections

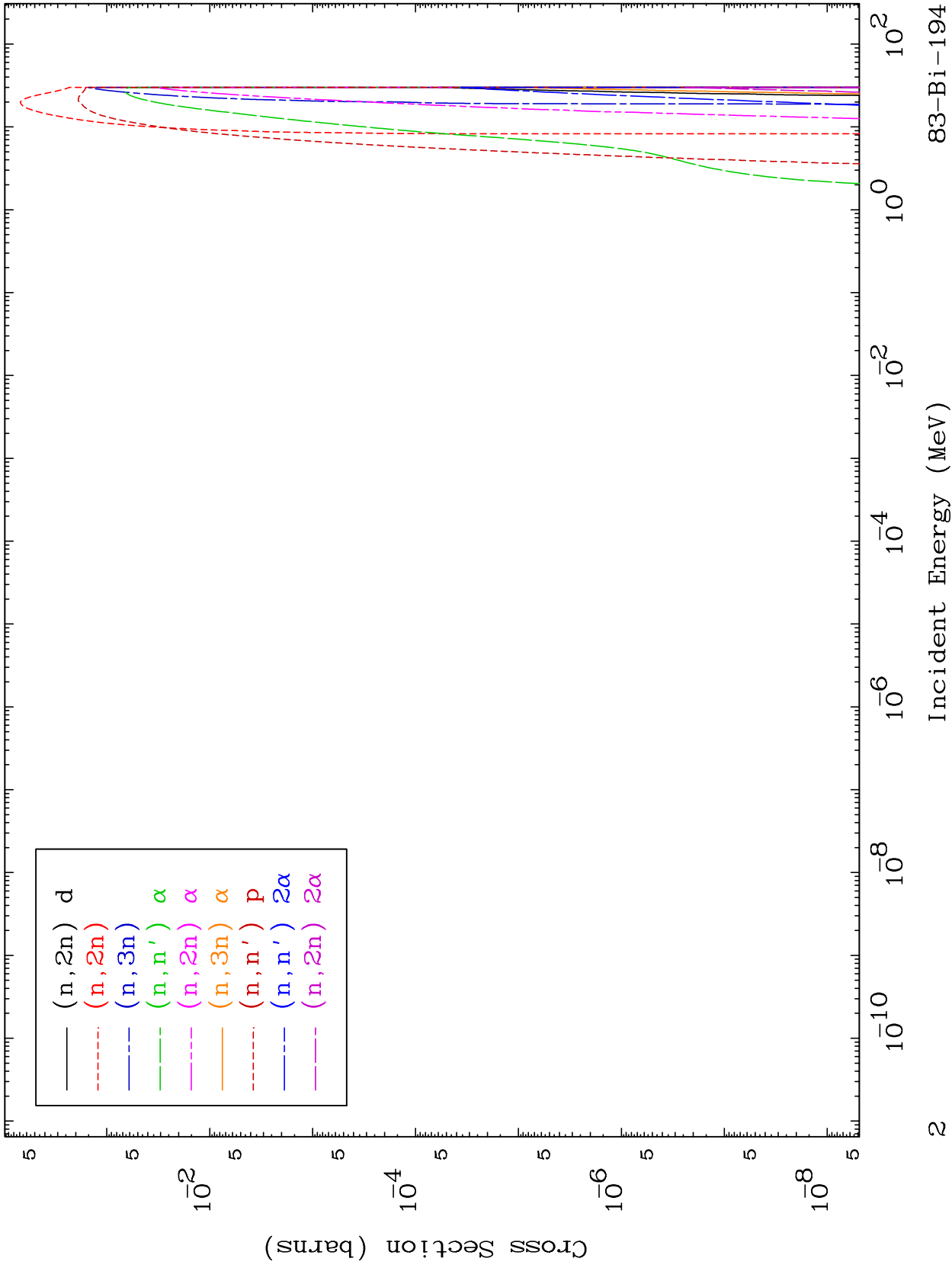
83-Bi-194



MAT 8280

Neutron Absorption
293 Kelvin Cross Sections

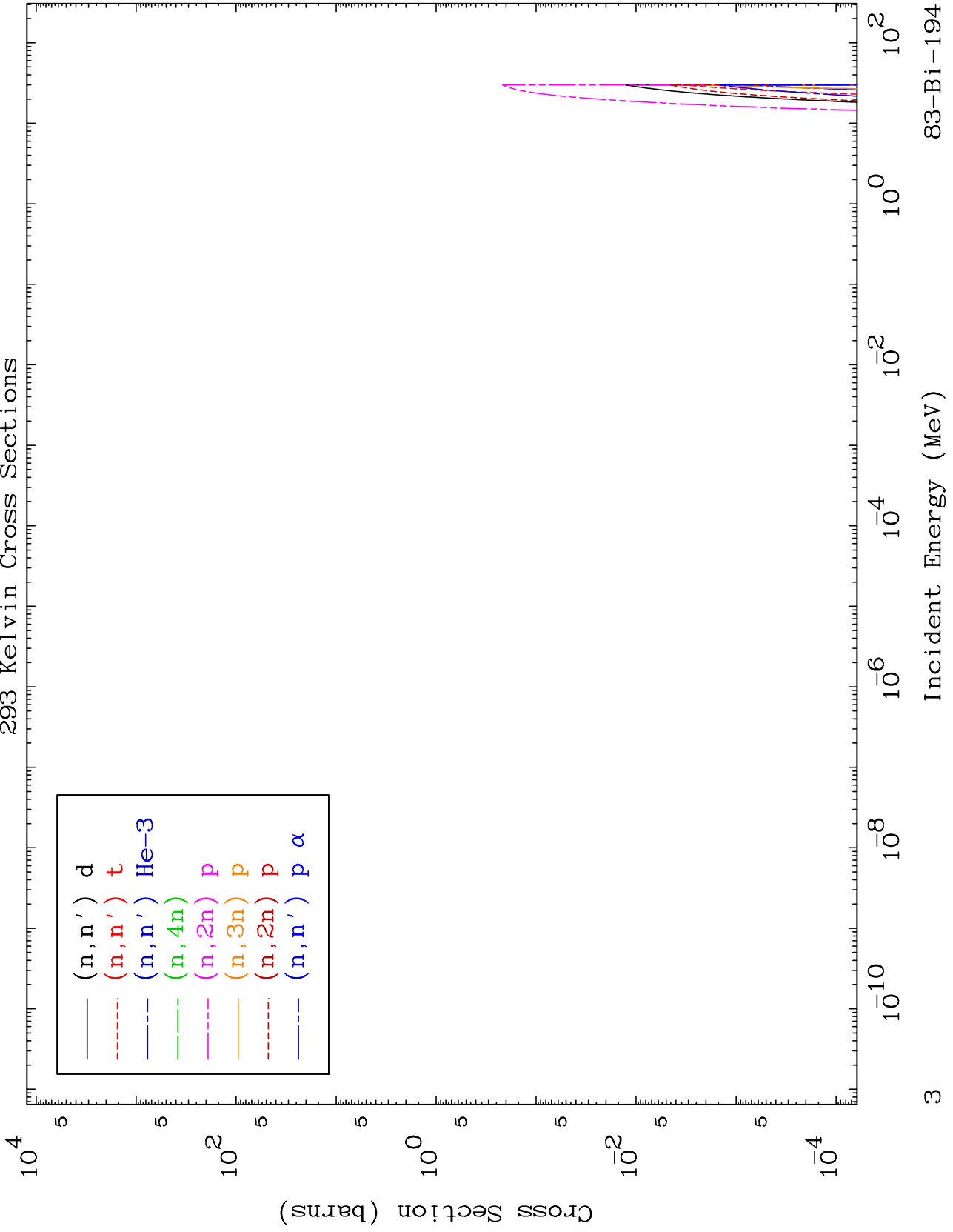
83-Bi-194



MAT 8280

Neutron Absorption
293 Kelvin Cross Sections

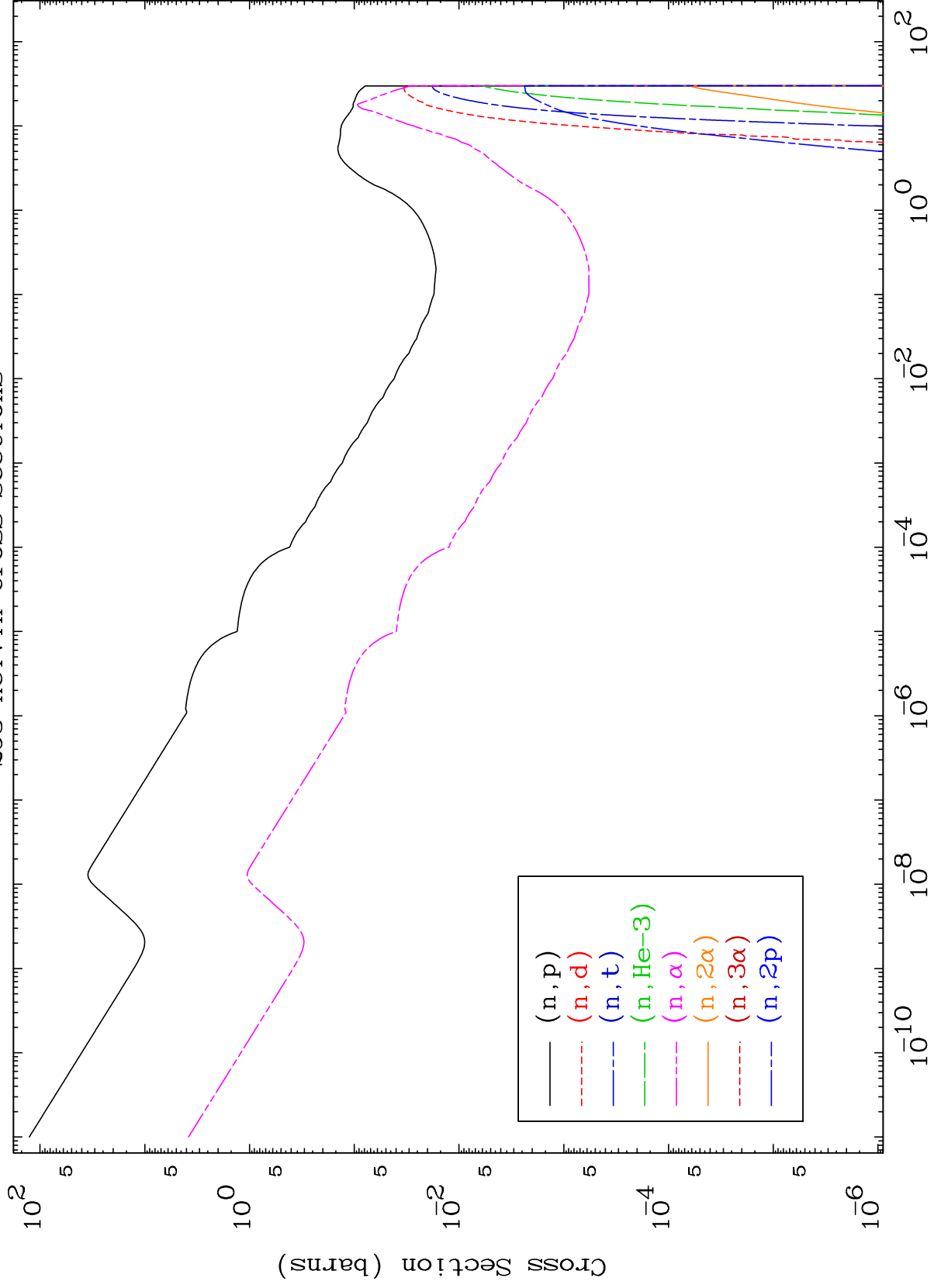
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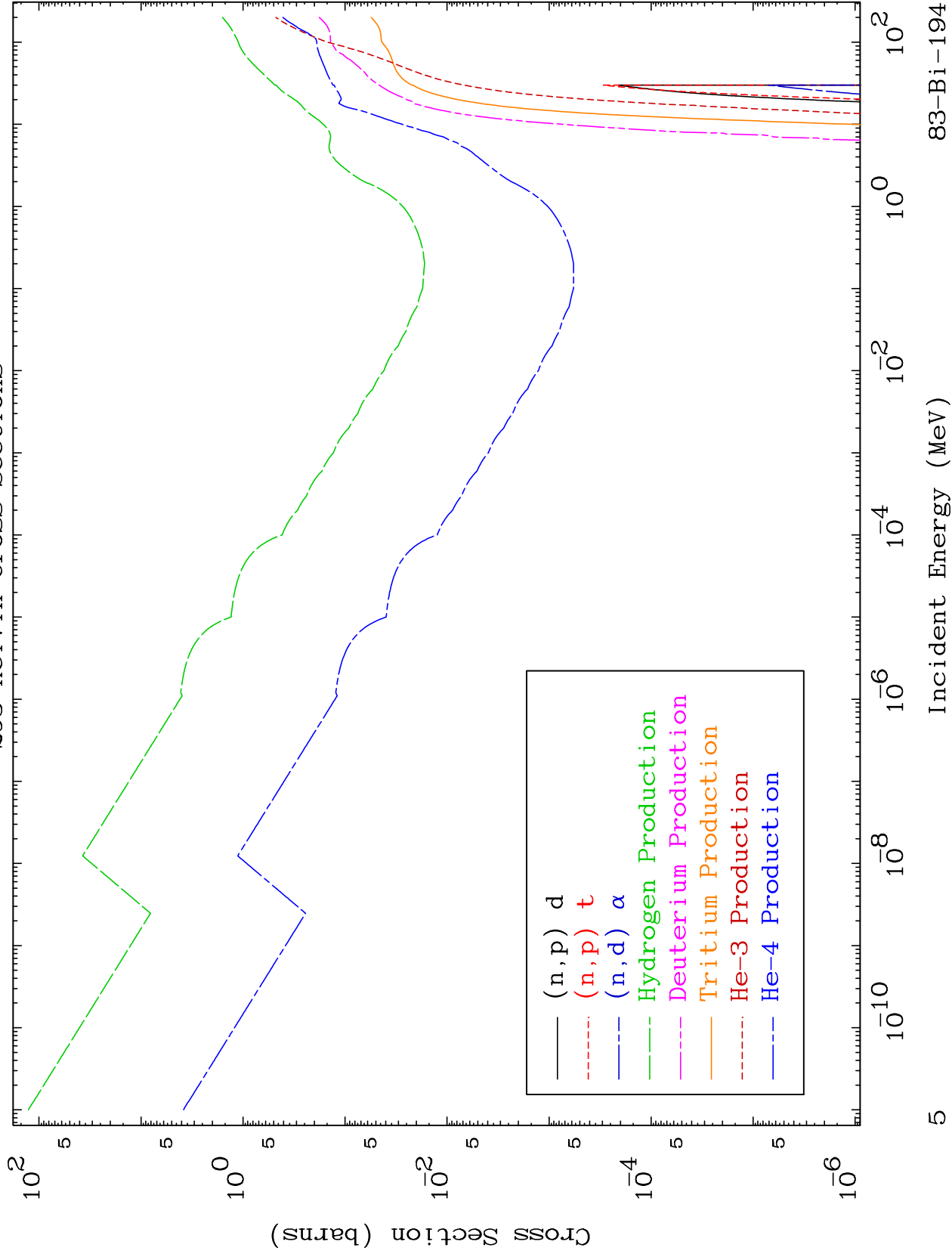


MAT 8280

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-194

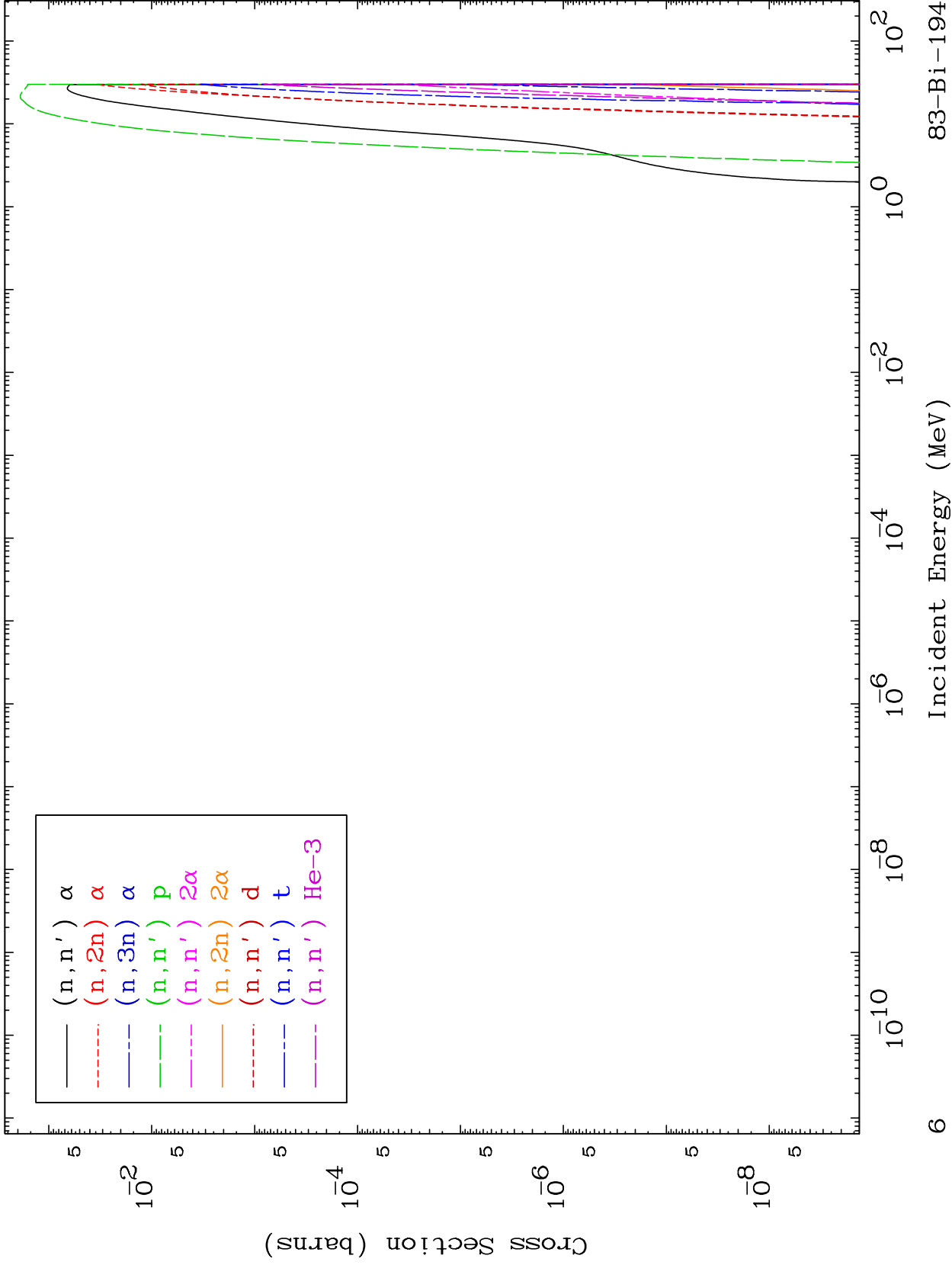




MAT 8280

Charged Particle
293 Kelvin Cross Sections

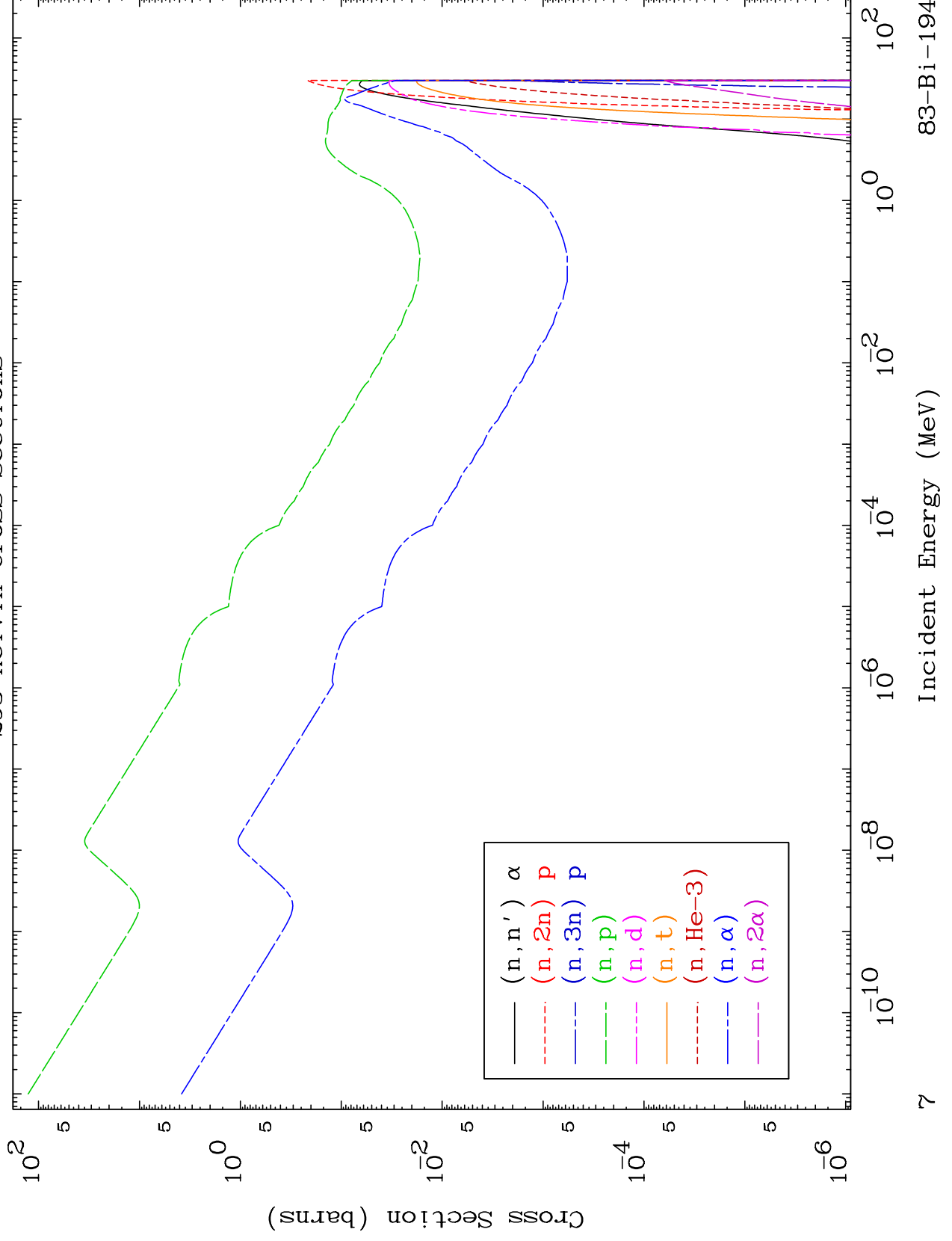
83-Bi-194



MAT 8280

Charged Particle
293 Kelvin Cross Sections

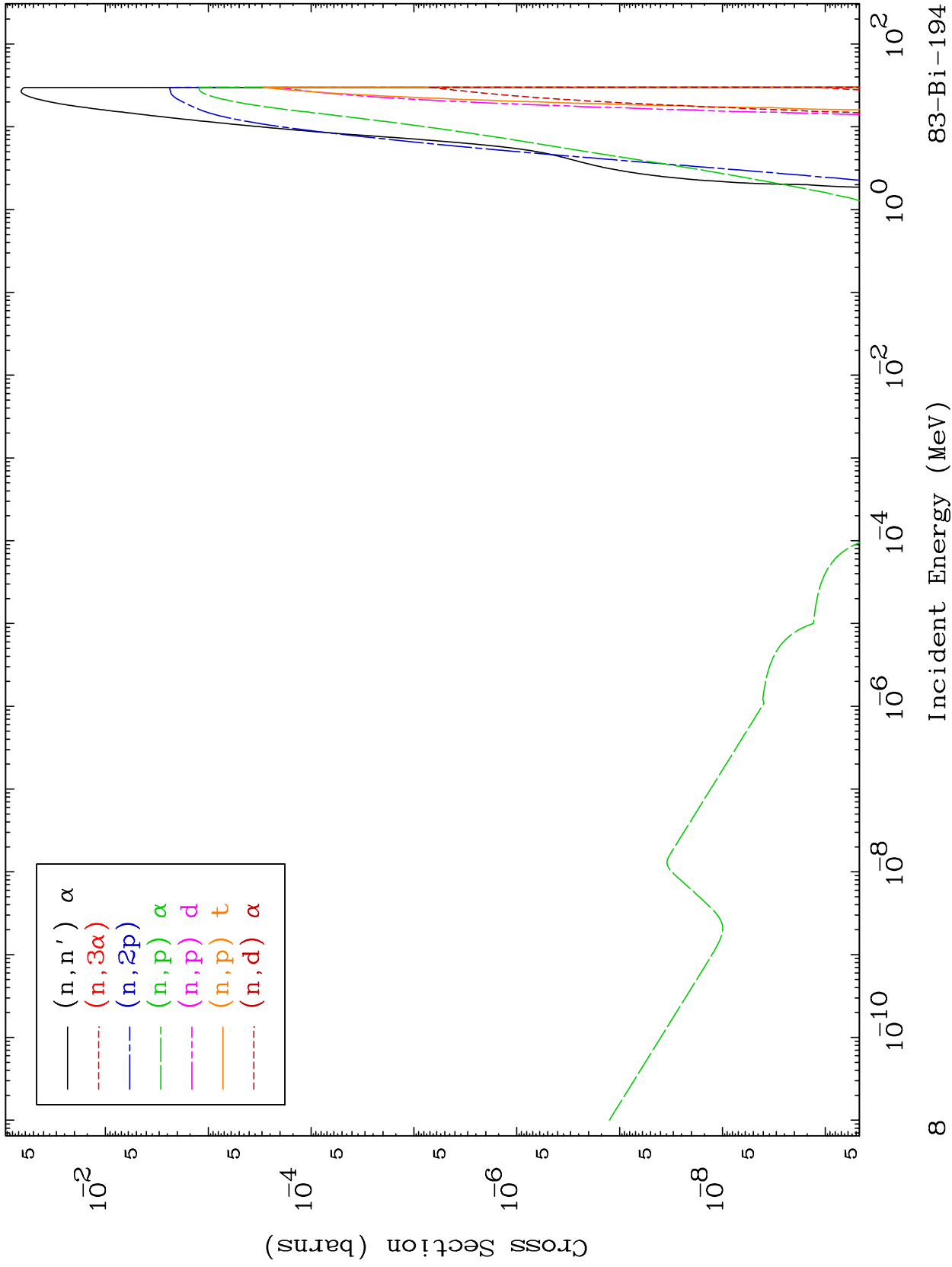
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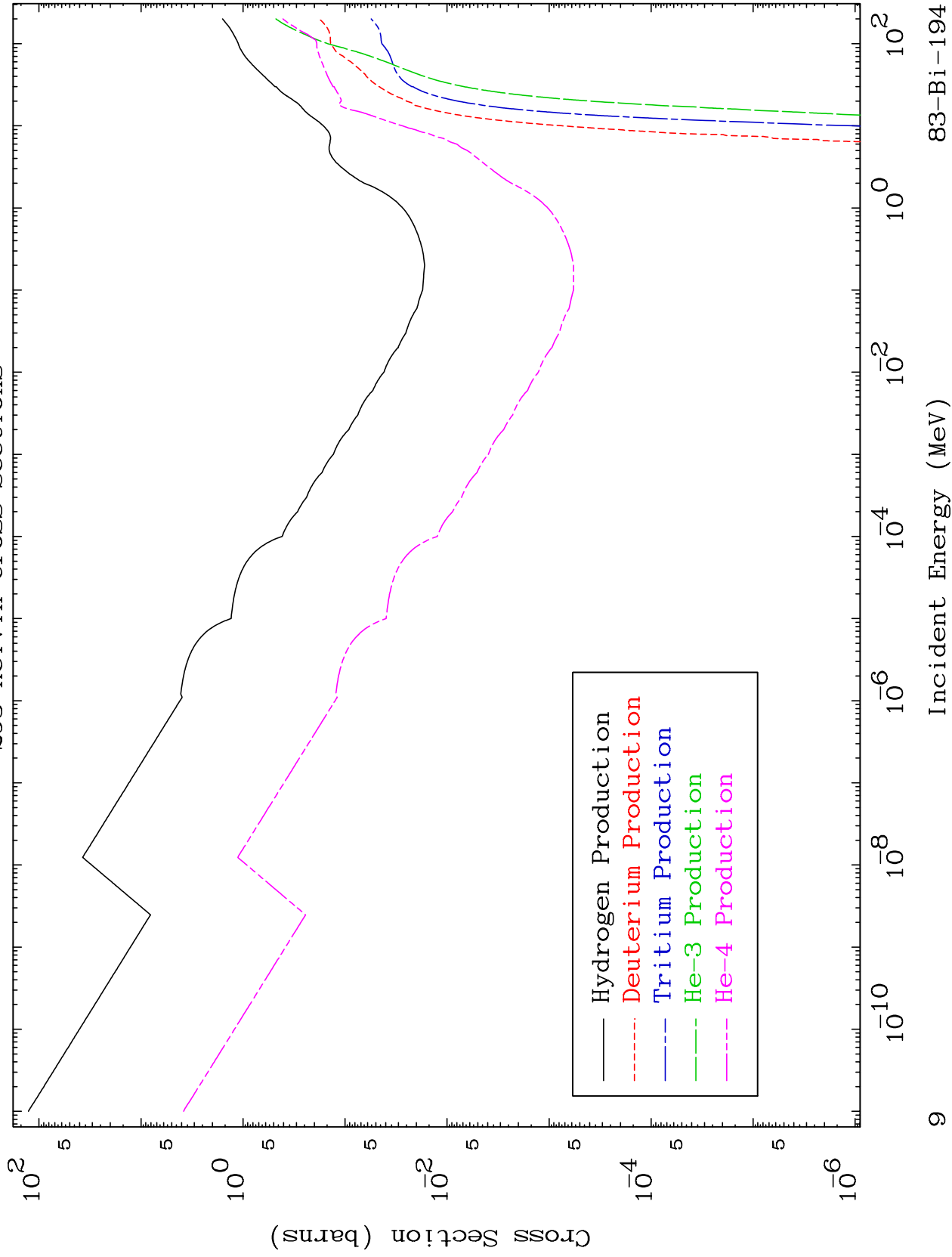


MAT 8280

Charged Particle
293 Kelvin Cross Sections

83-Bi-194

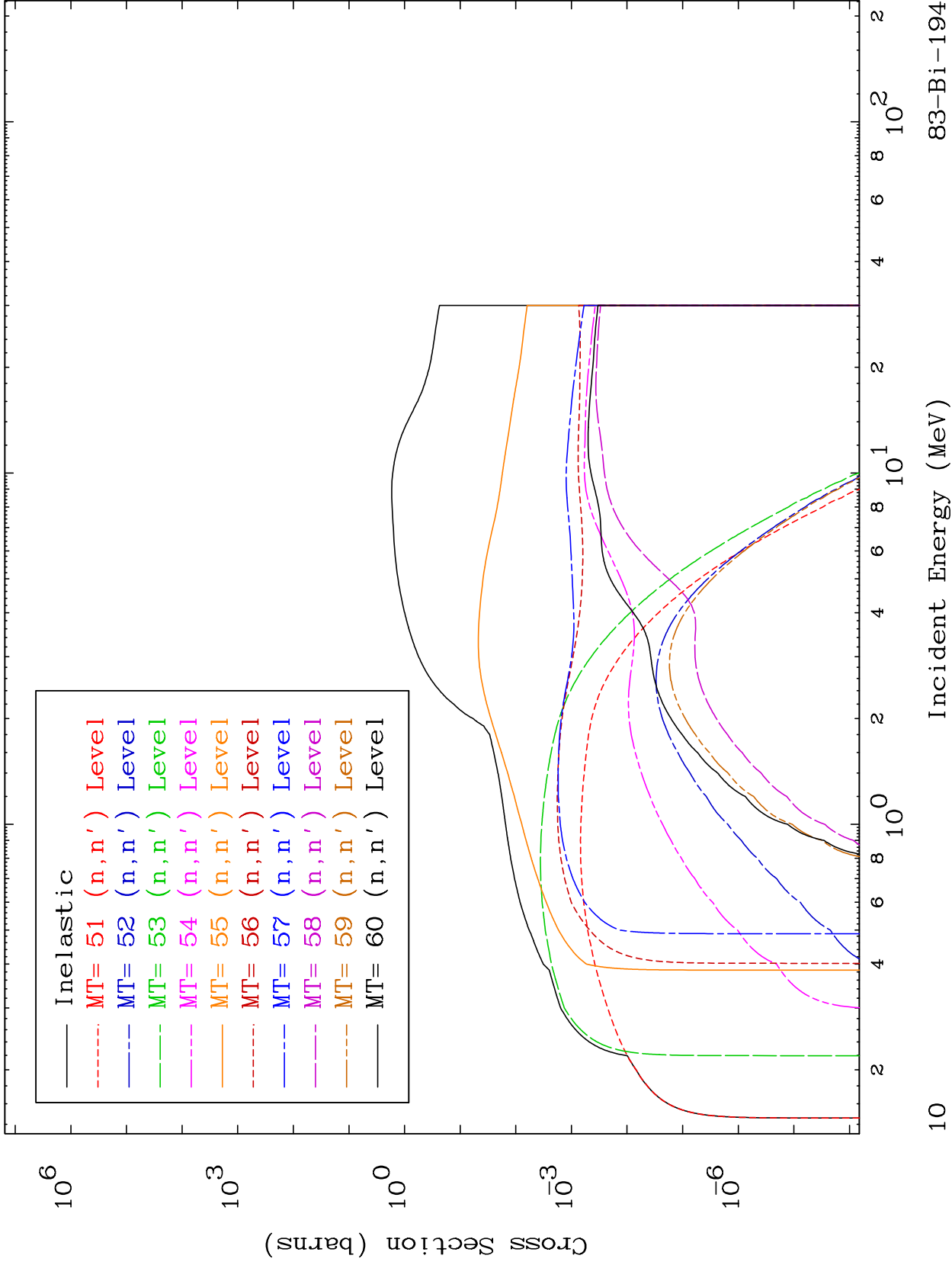




MAT 8280

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-194



10

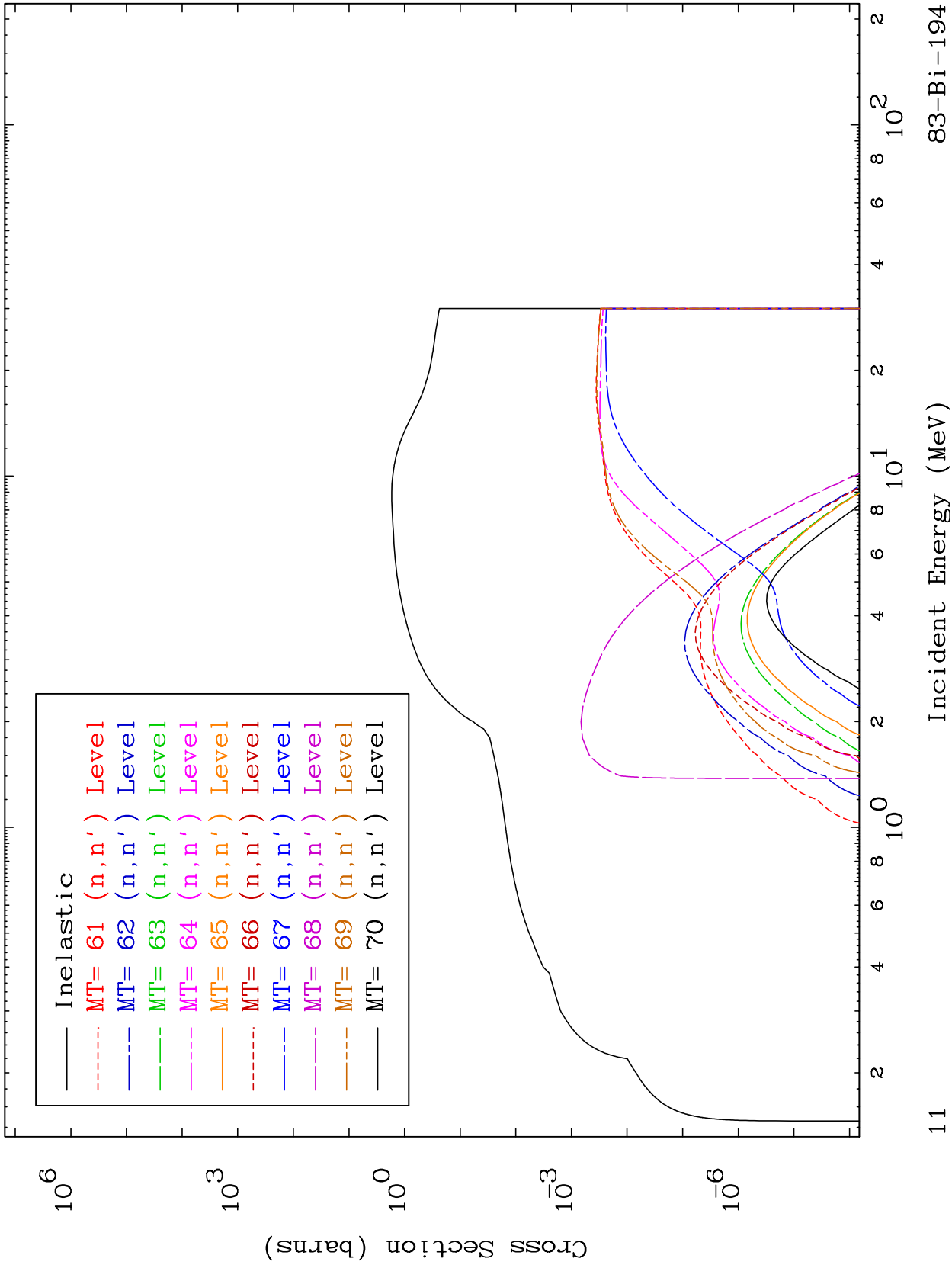
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,n') Levels
293 Kelvin Cross Sections

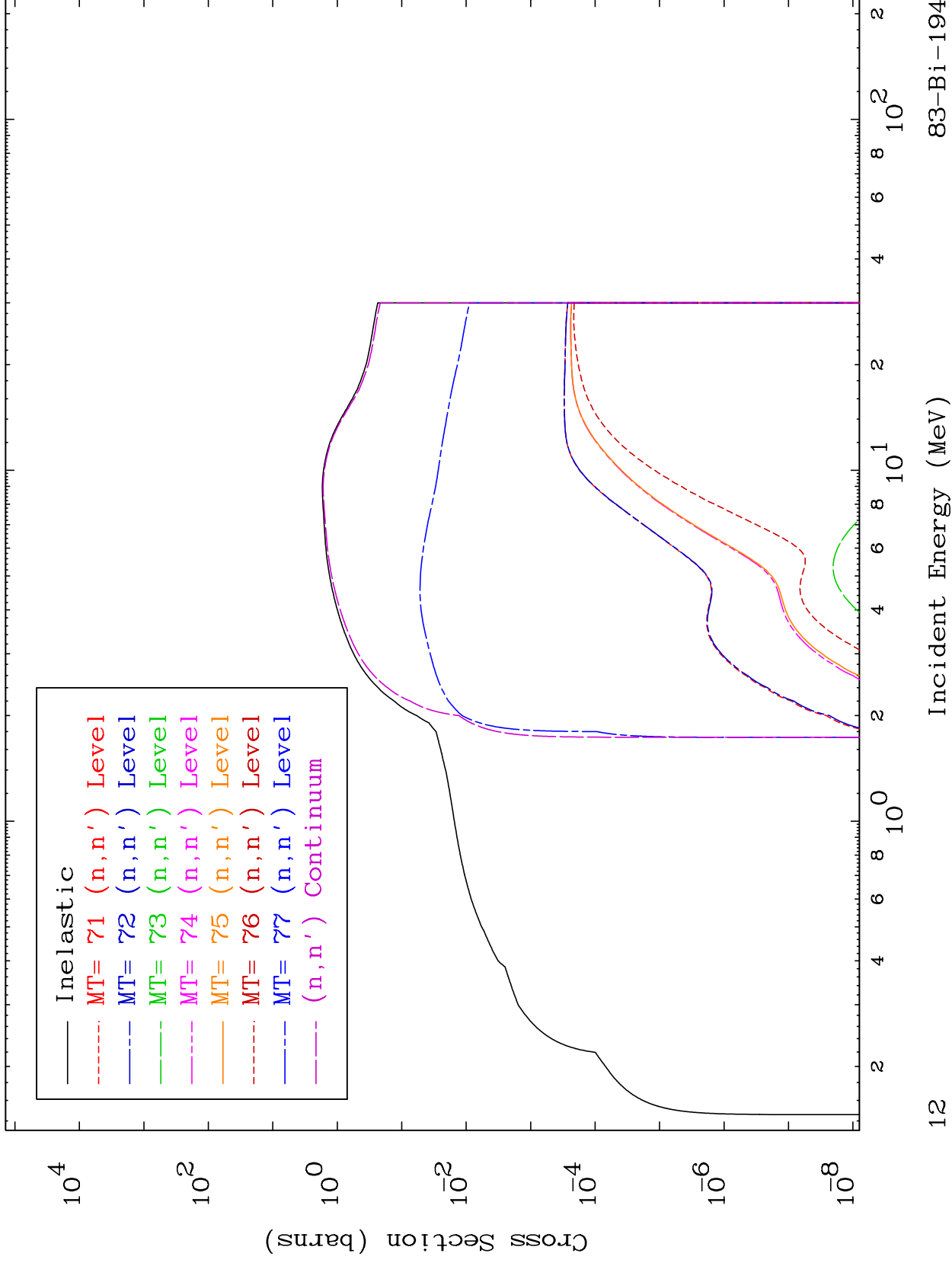
83-Bi-194



MAT 8280

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-194



12

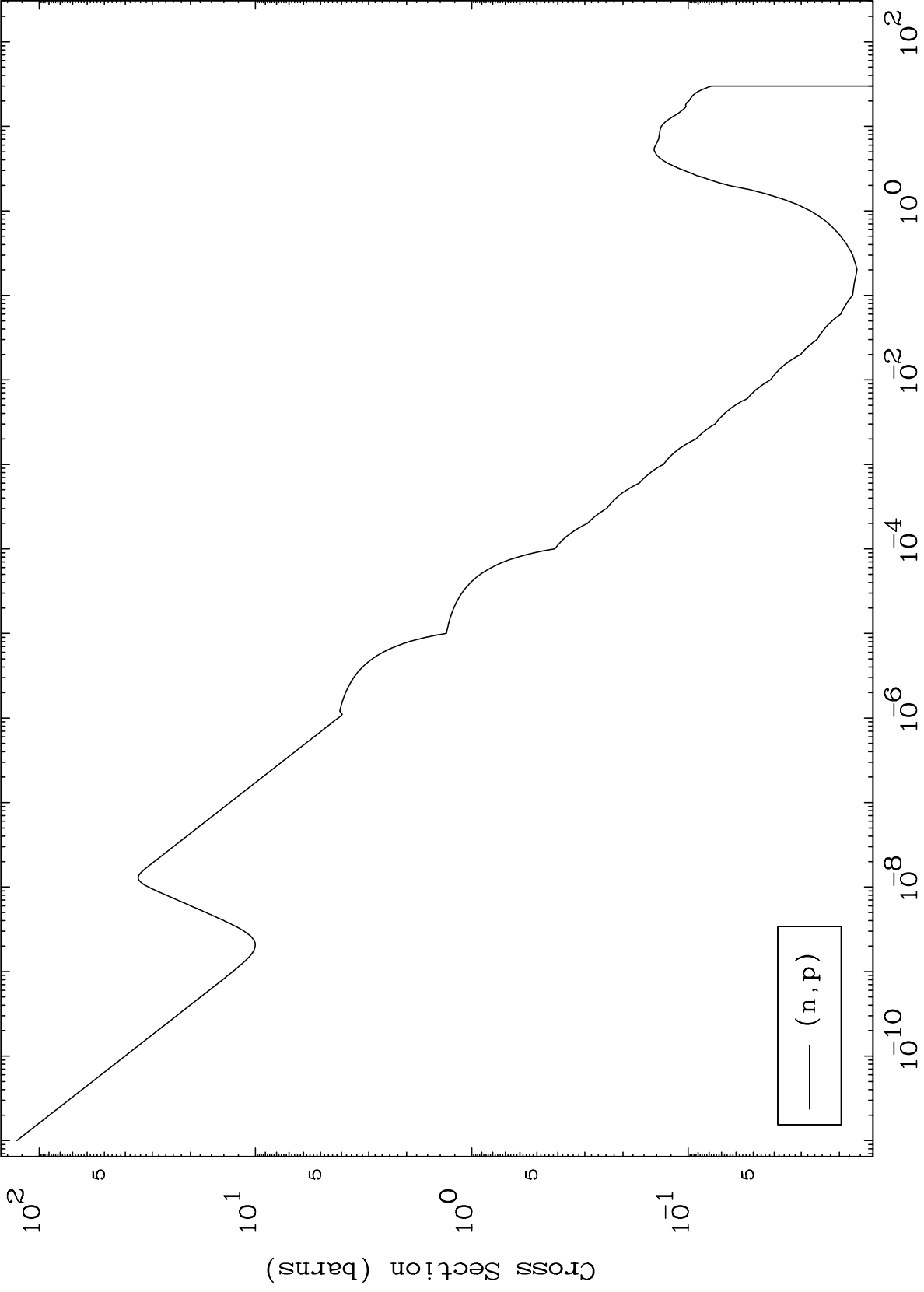
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,p) Levels
293 Kelvin Cross Sections

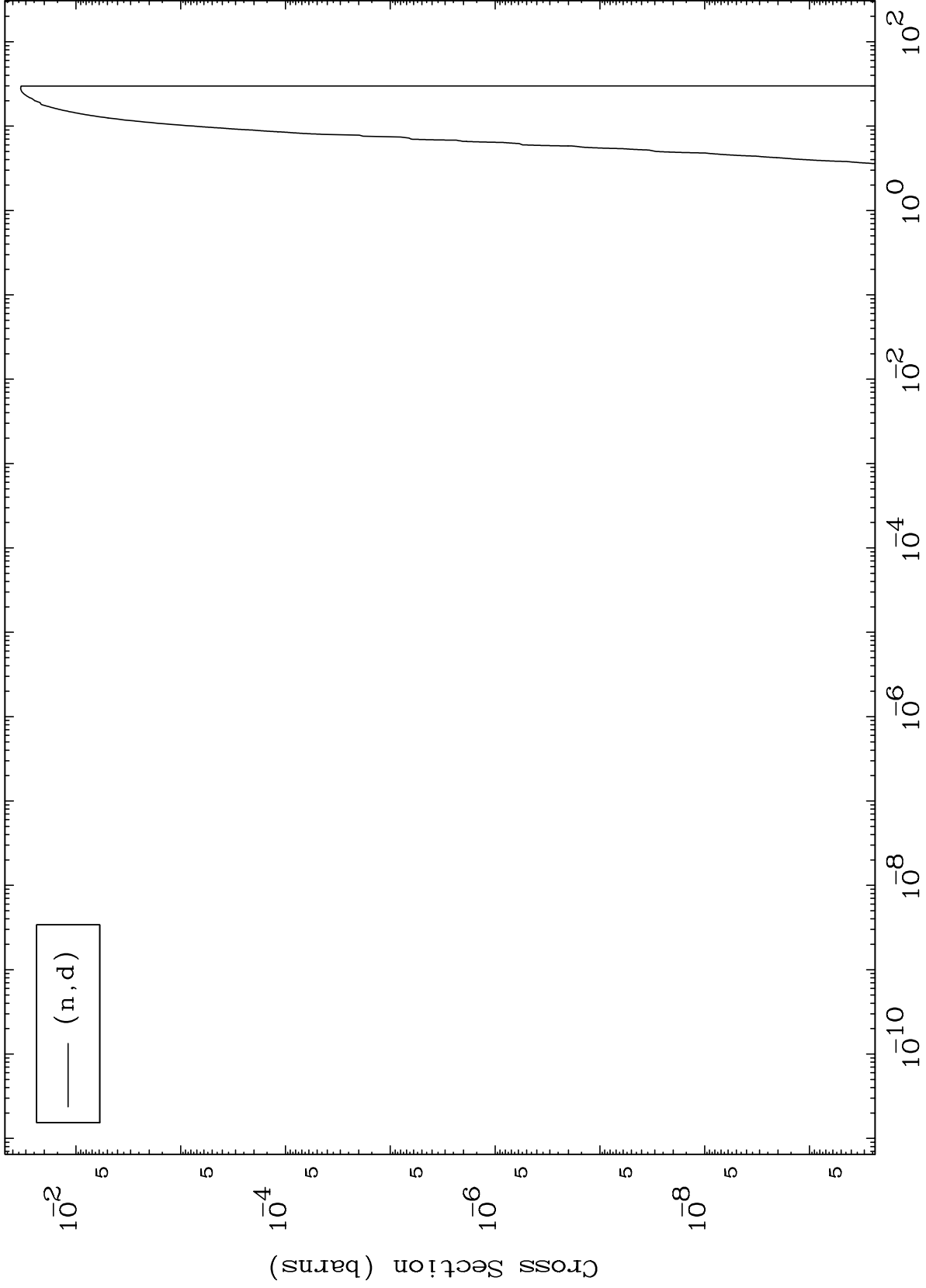
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MAT 8280

(n,d) Levels
293 Kelvin Cross Sections

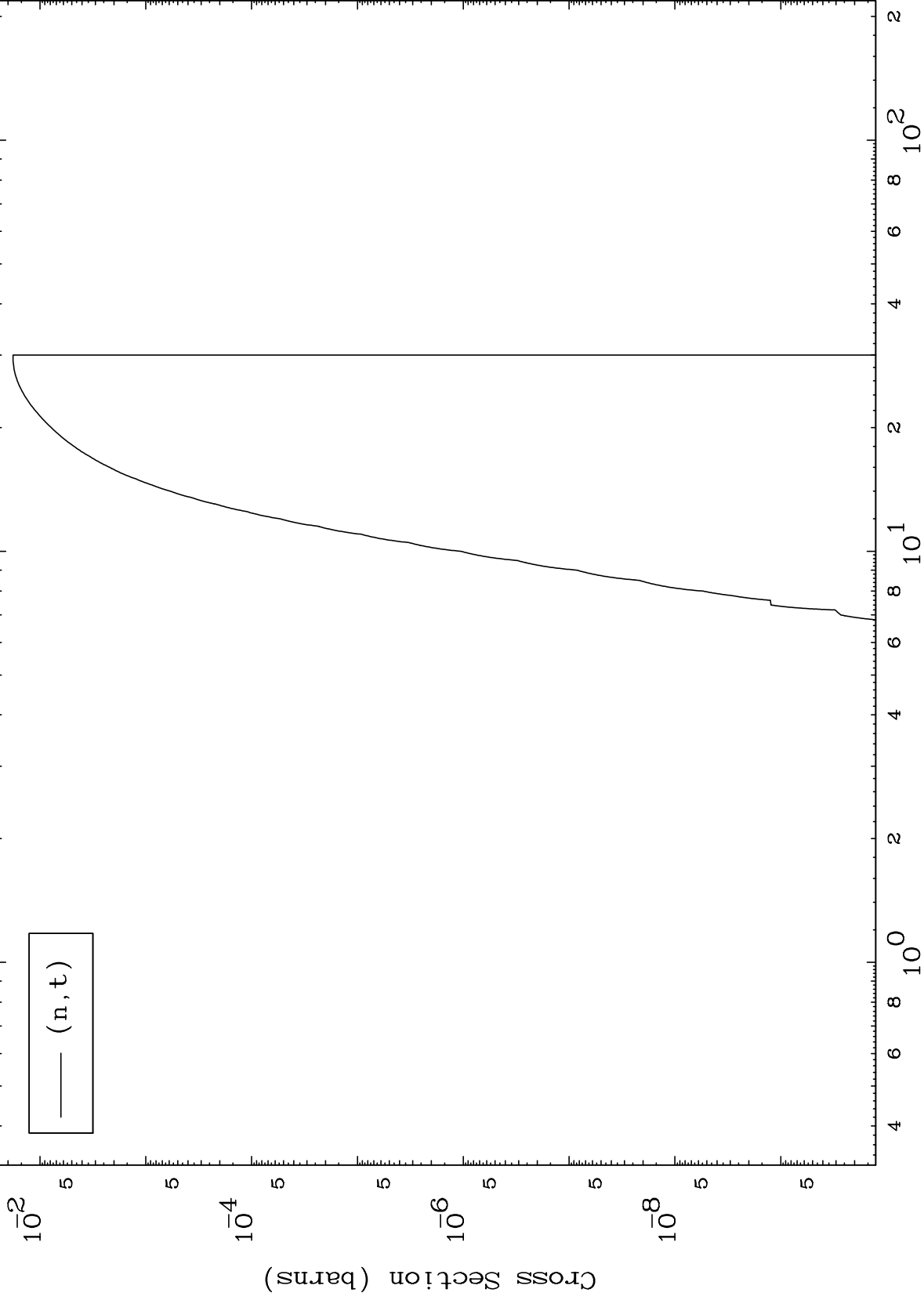
83-Bi-194



MAT 8280

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-194



15

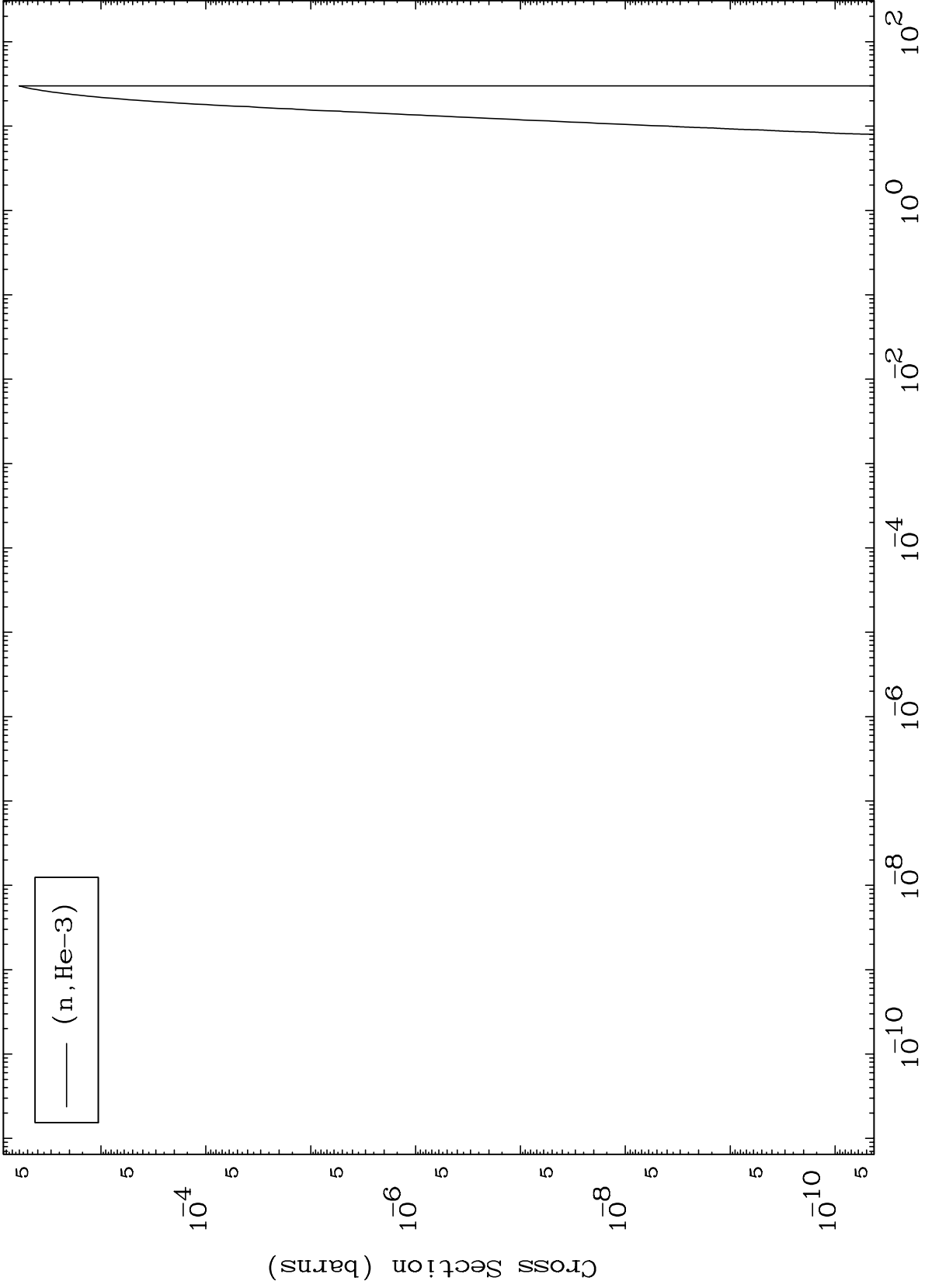
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-194



16

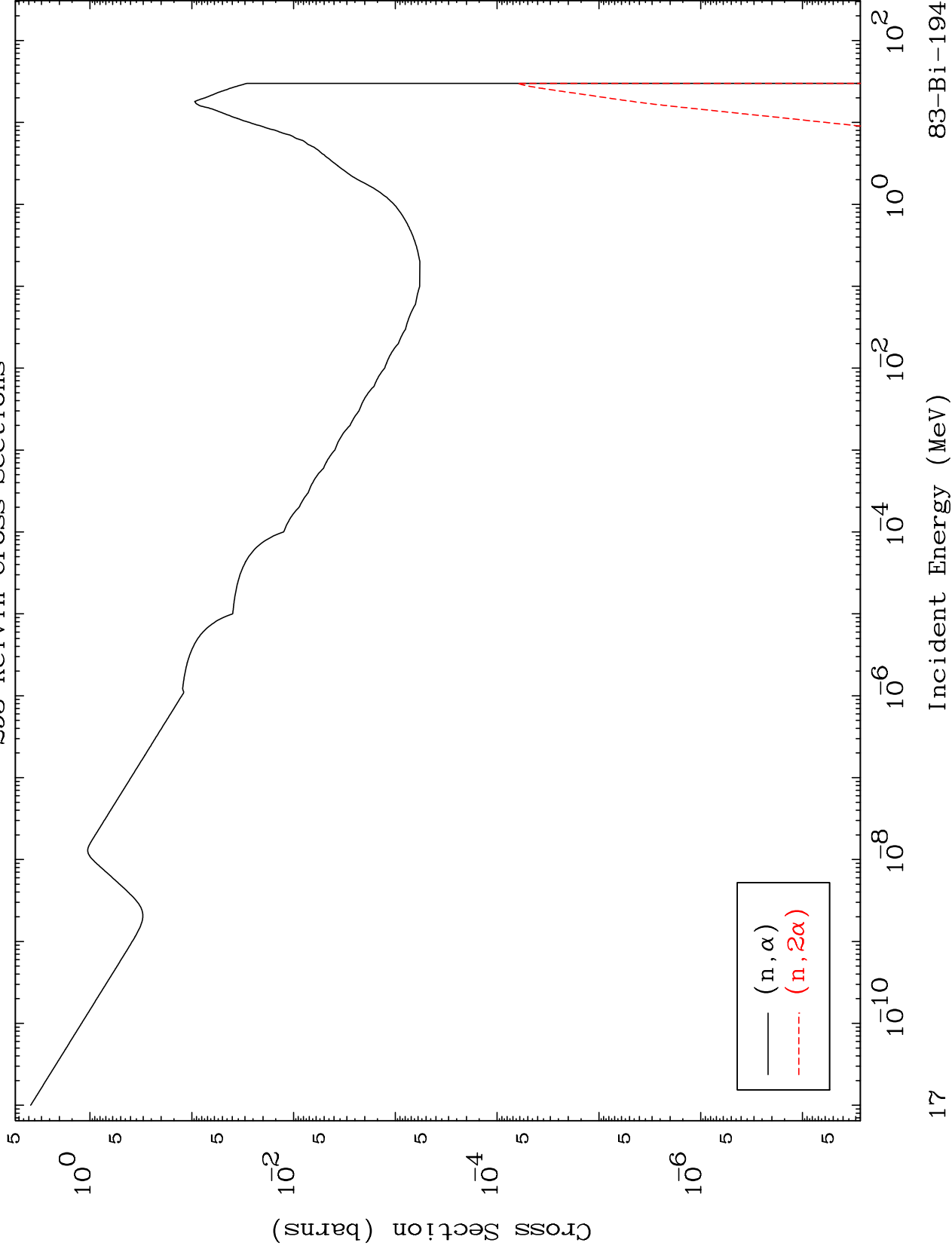
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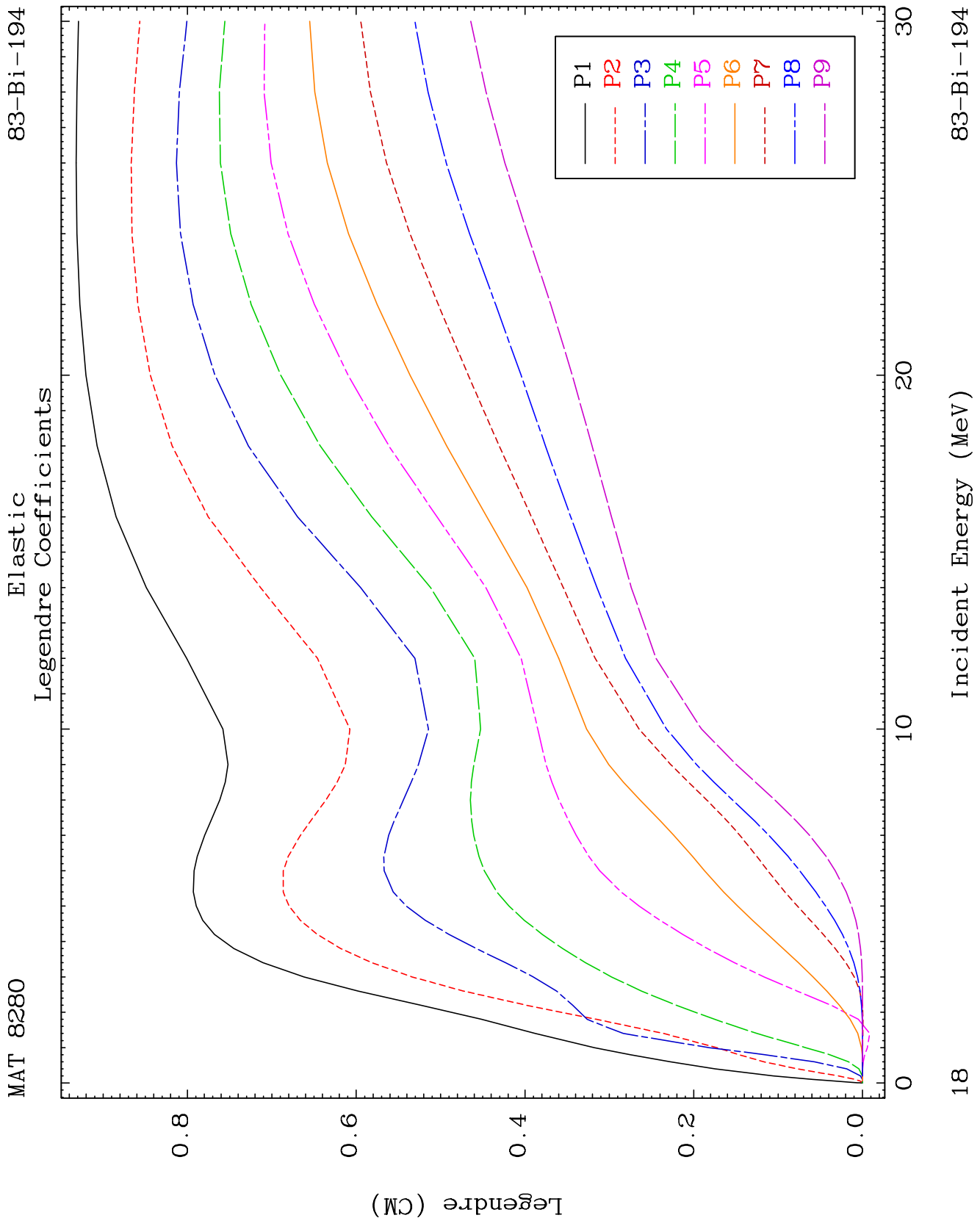
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MAT 8280

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-194

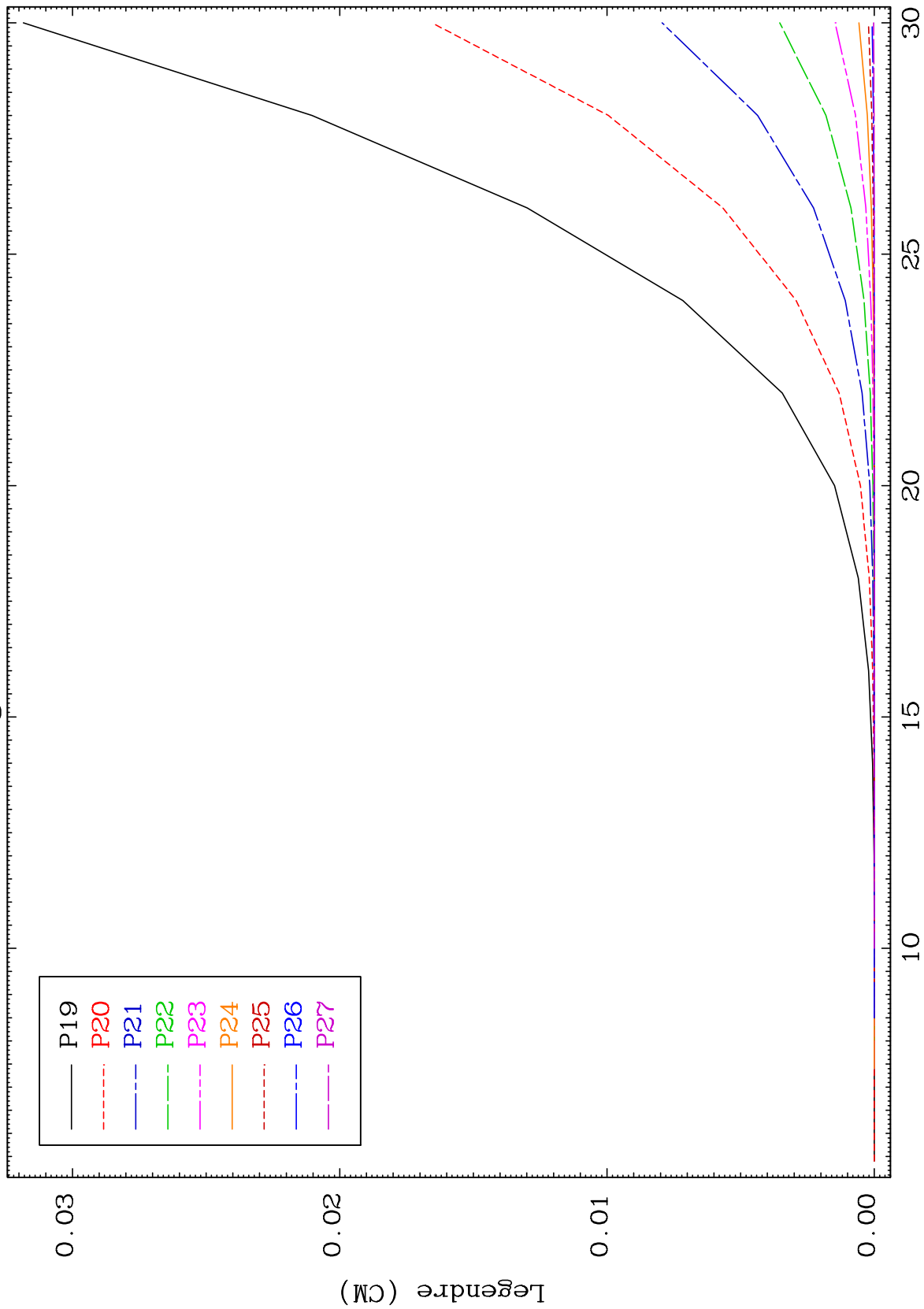




MAT 8280

Elastic
Legendre Coefficients

83-Bi-194



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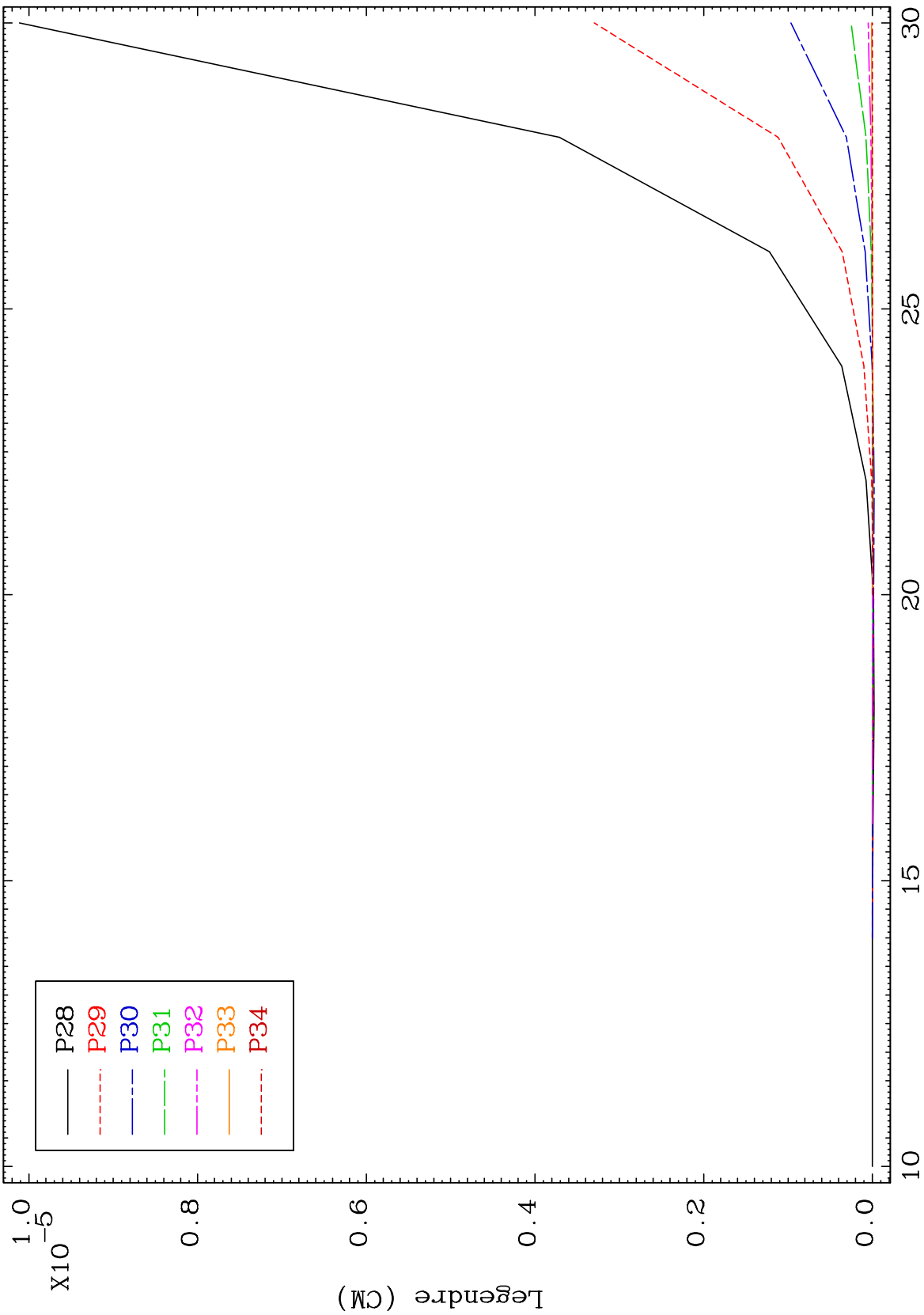
Incident Energy (MeV)

83-Bi-194

MAT 8280

Elastic Legendre Coefficients

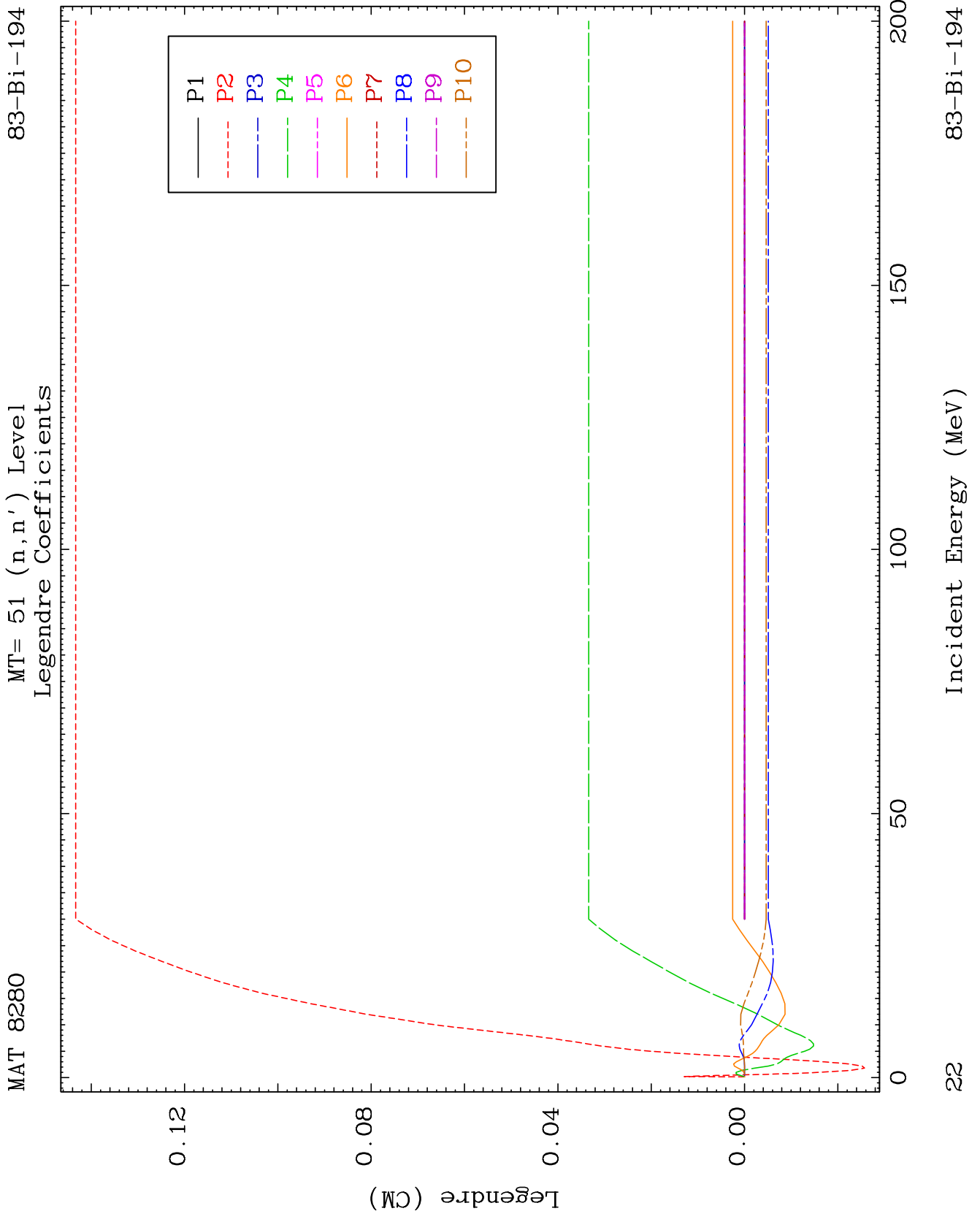
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Incident Energy (MeV)

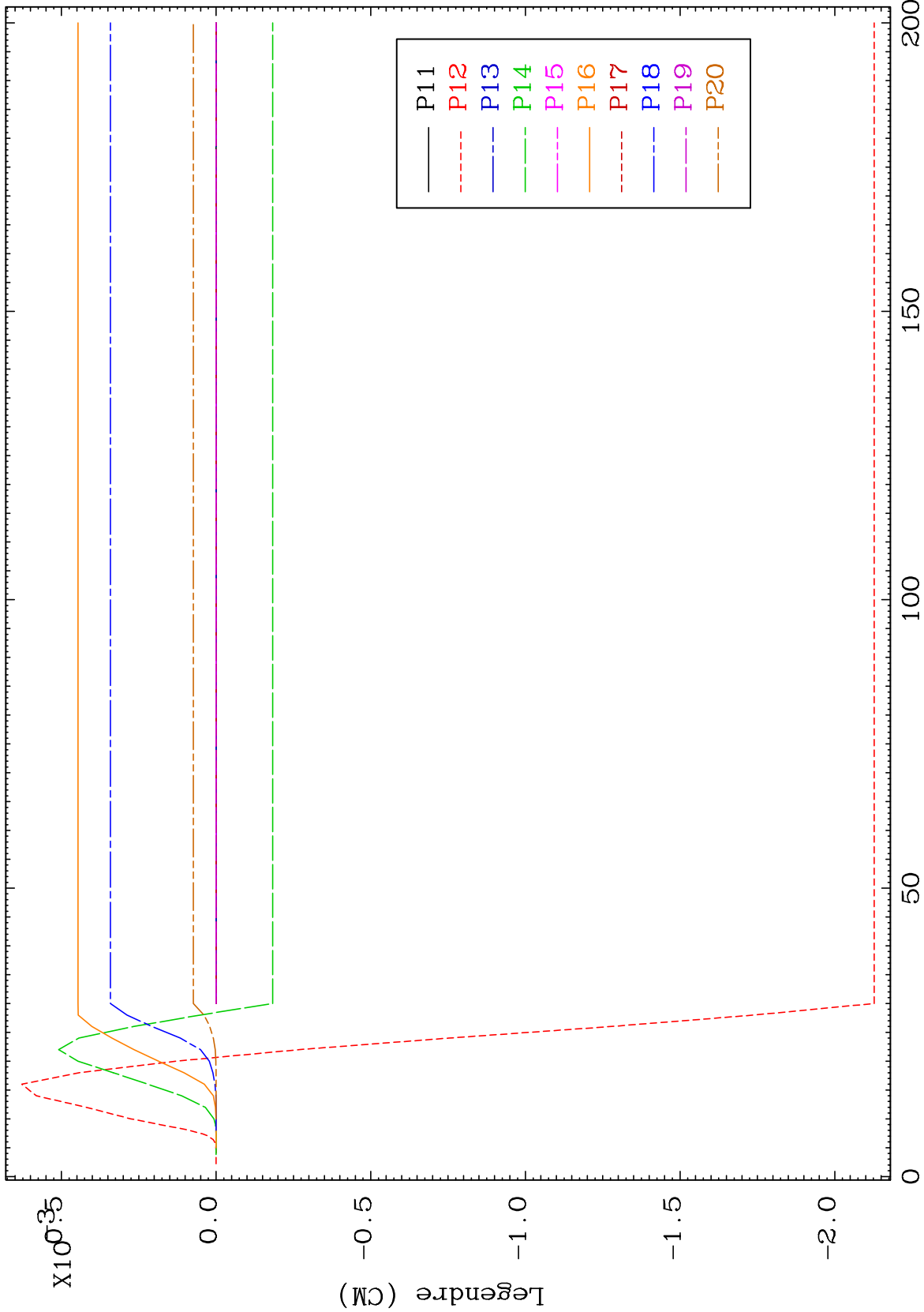
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MAT 8280

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

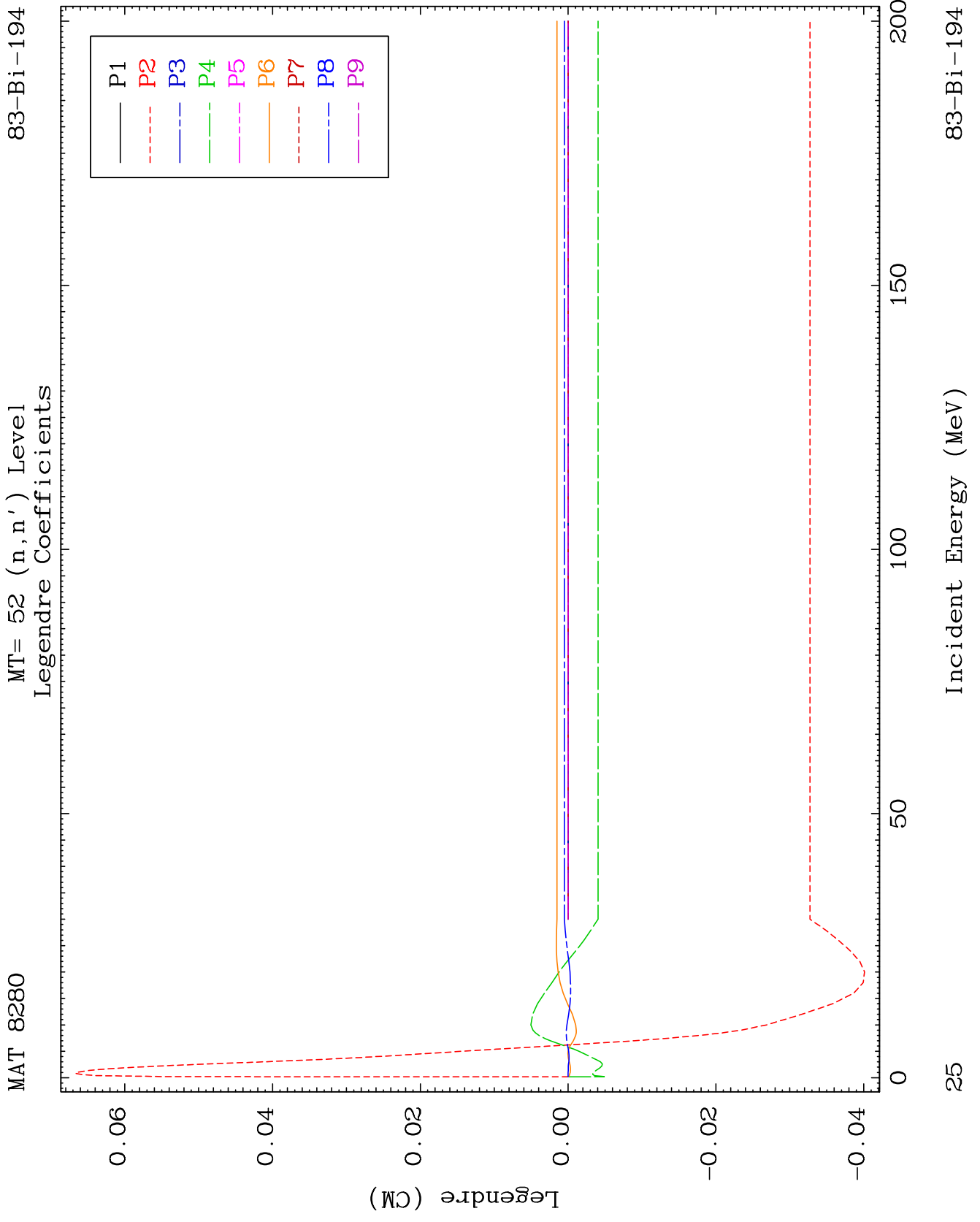
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23

Incident Energy (MeV)

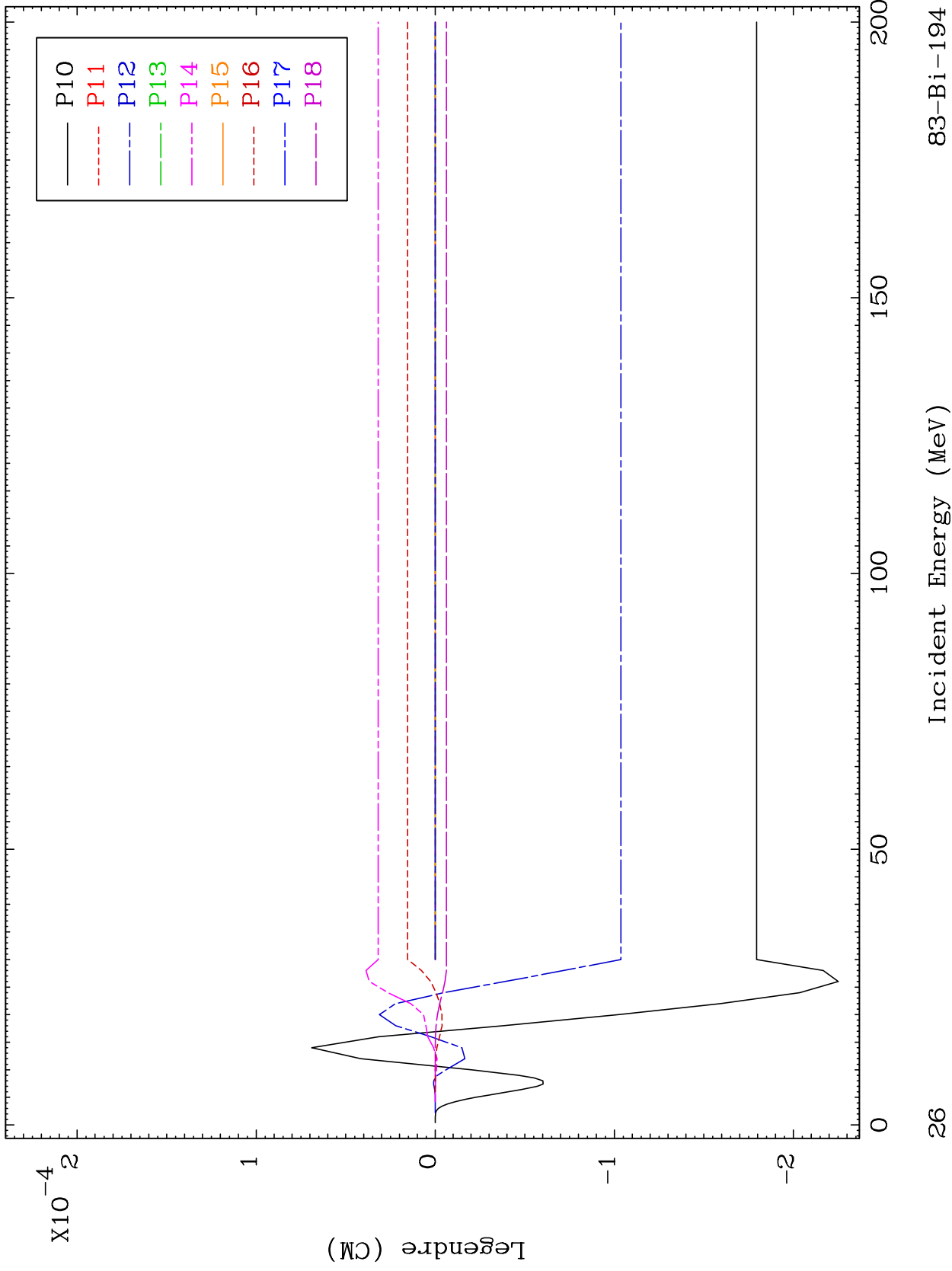
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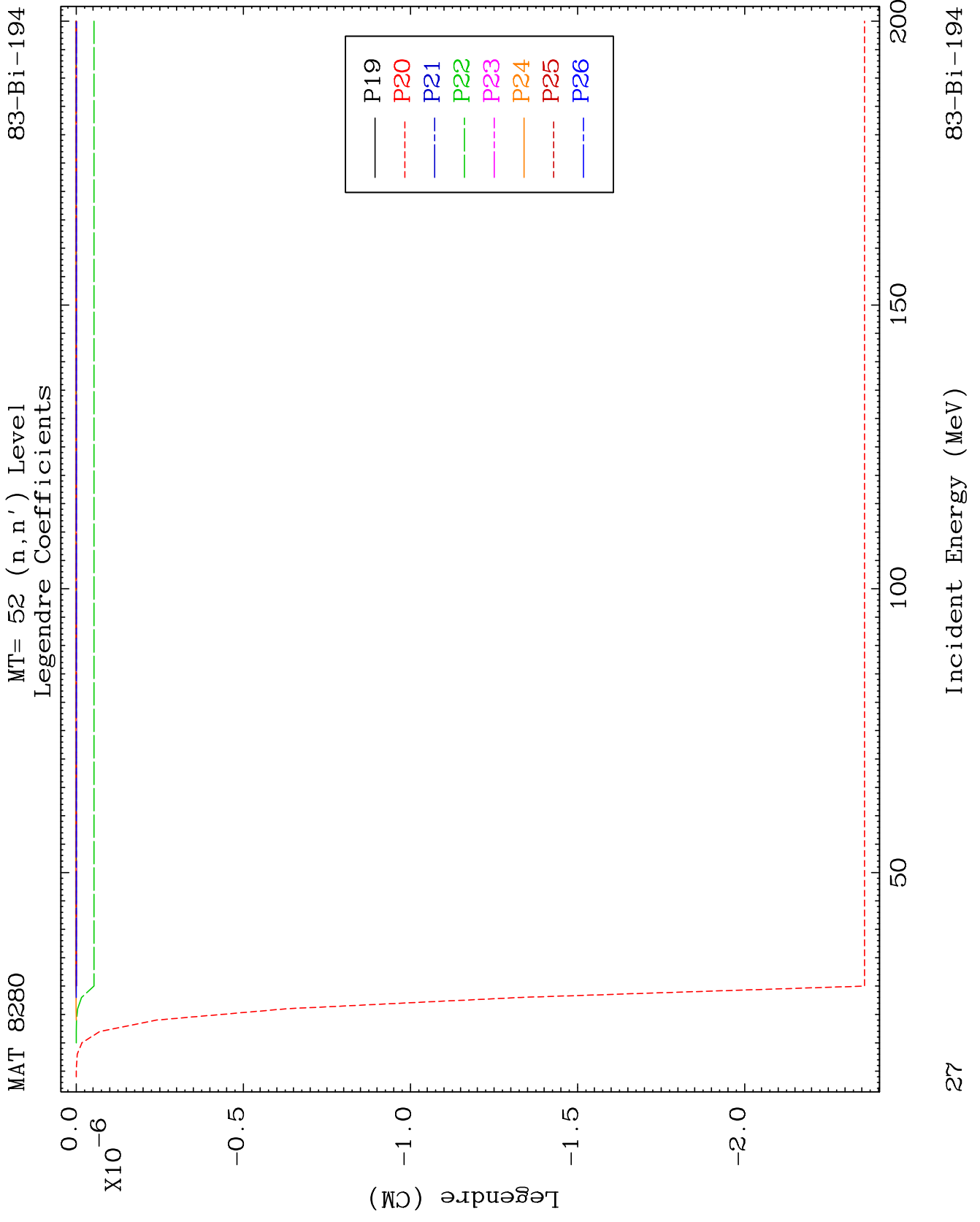


MAT 8280

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

83-Bi-194

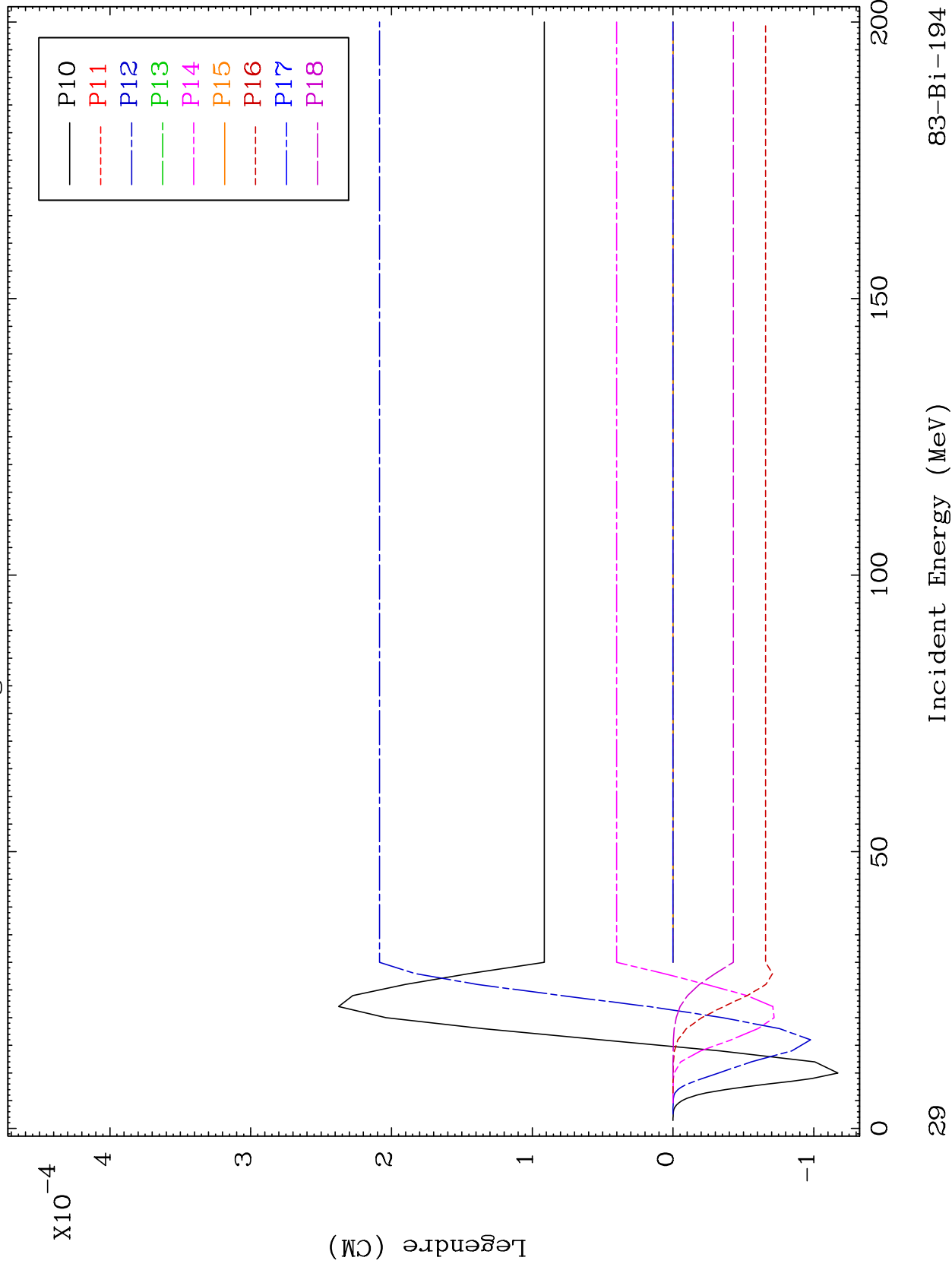




MAT 8280

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

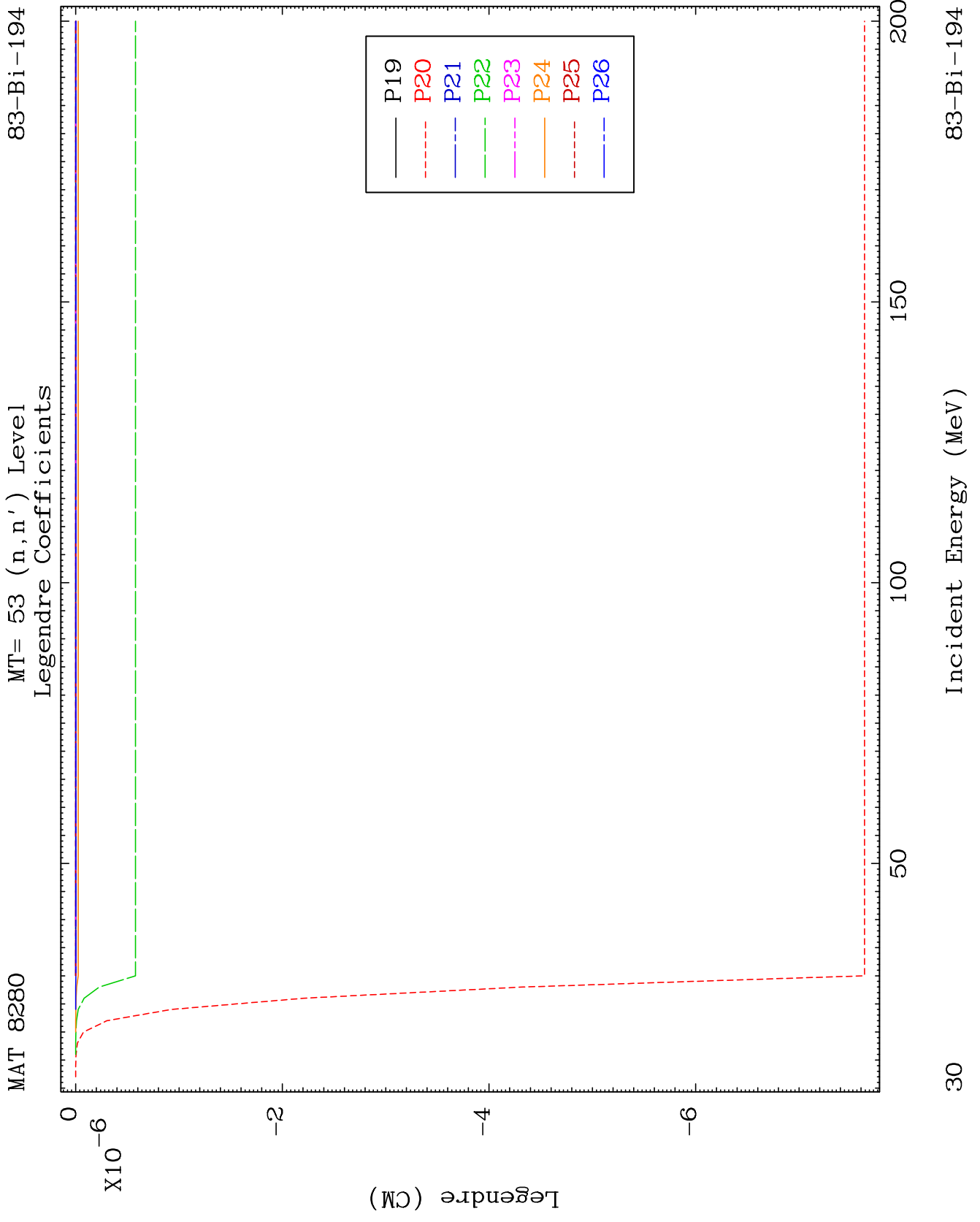
83-Bi-194



29

Incident Energy (MeV)

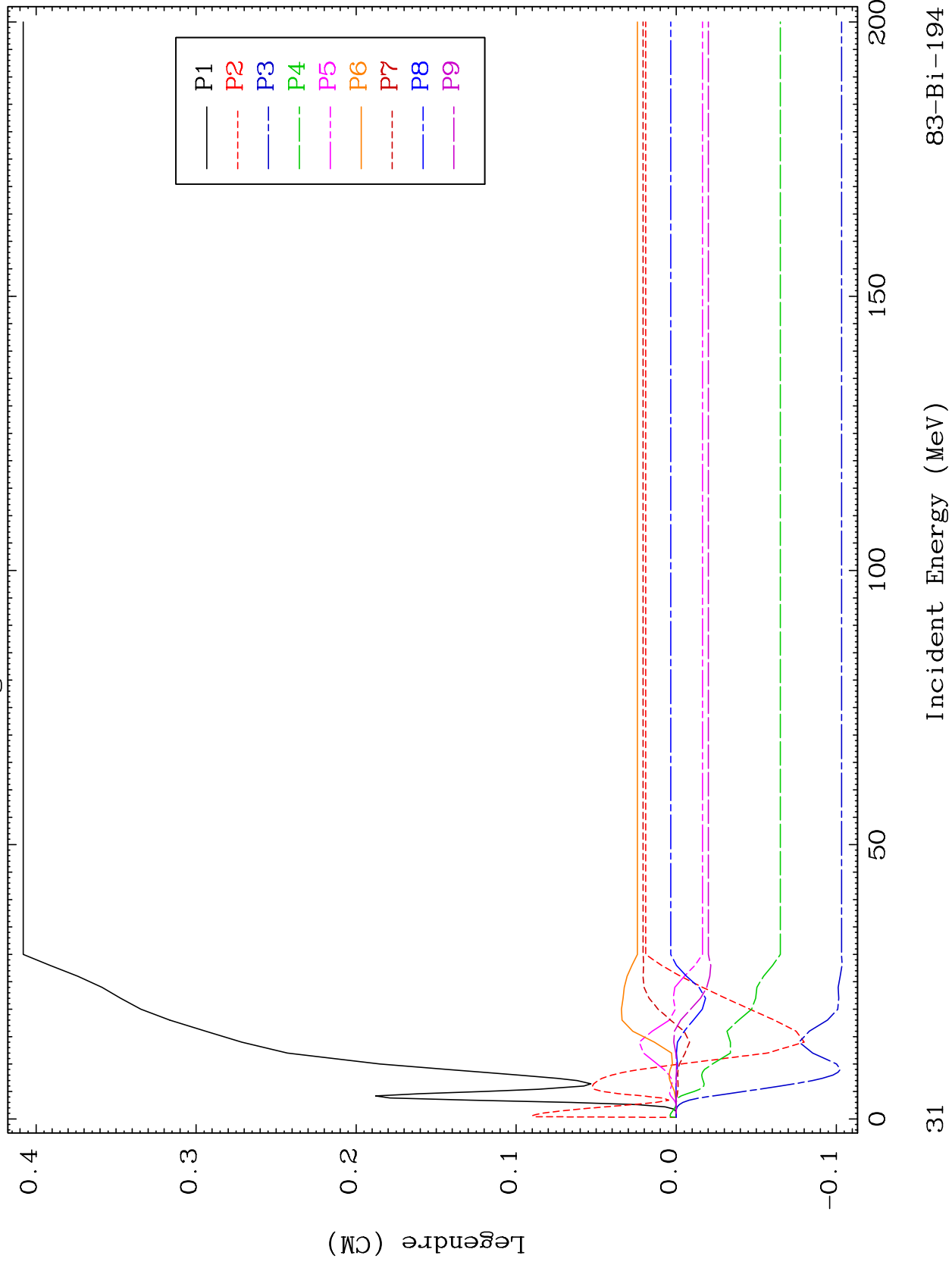
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

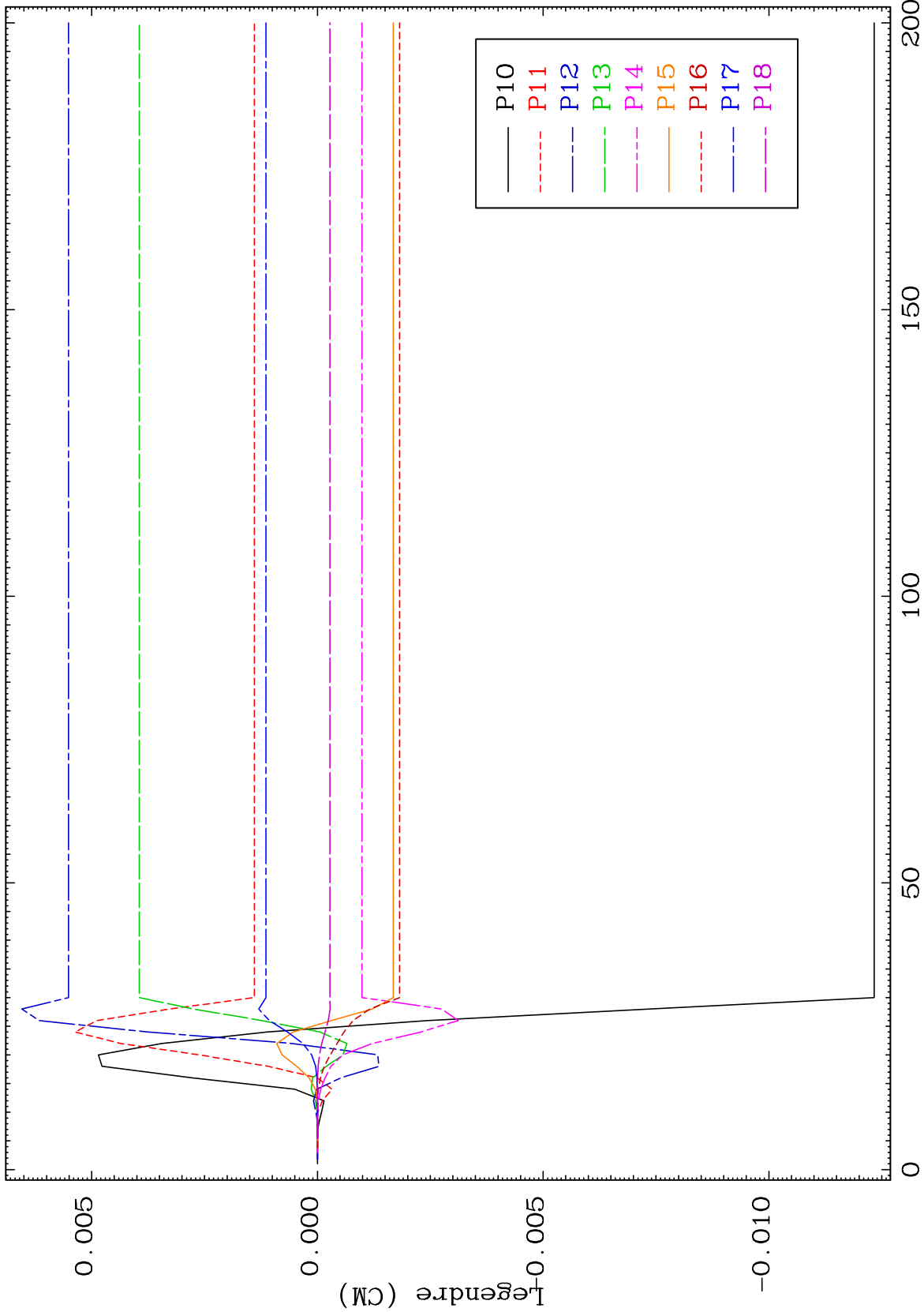
Incident Energy (MeV)

31

MAT 8280

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

83-Bi-194



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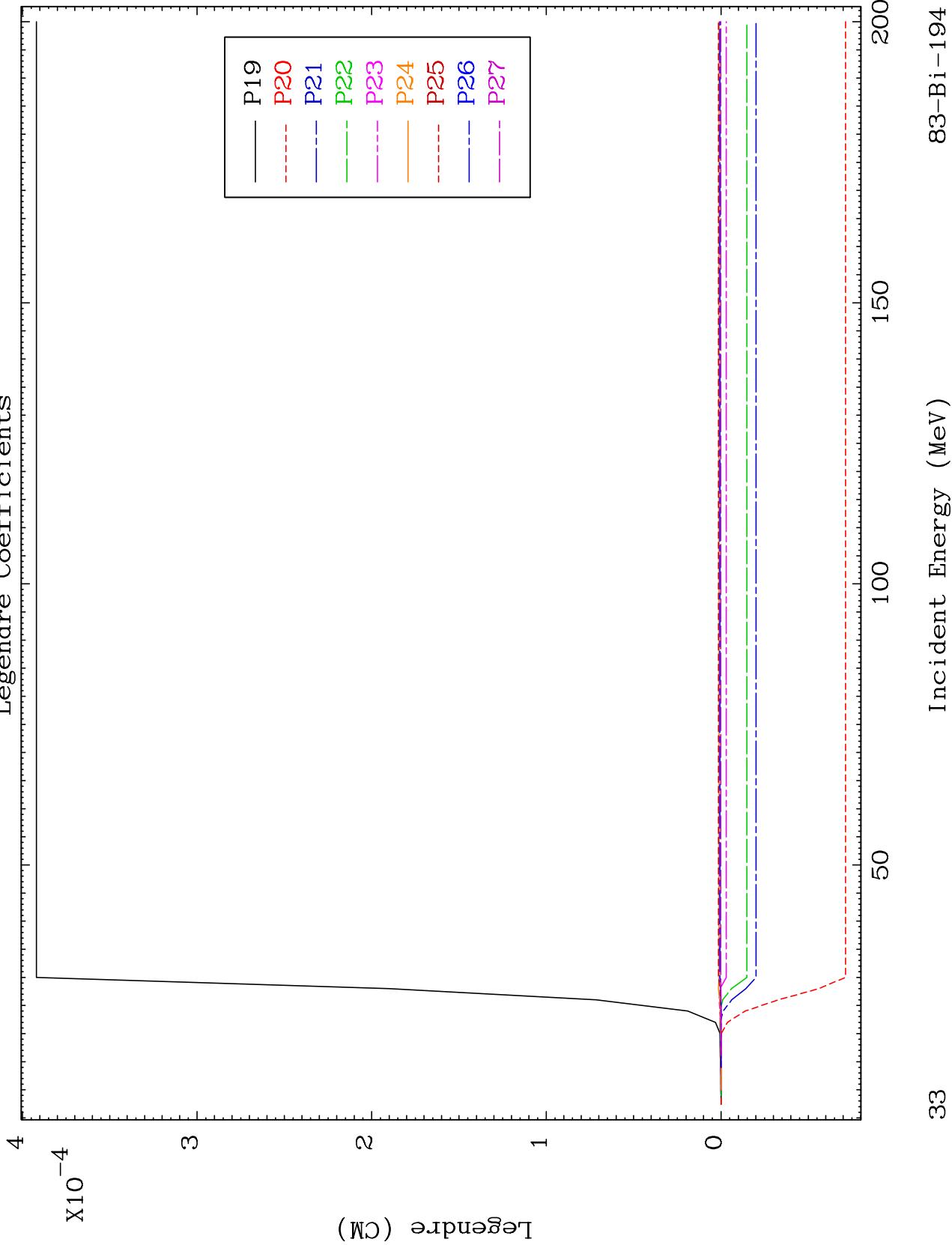
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



33

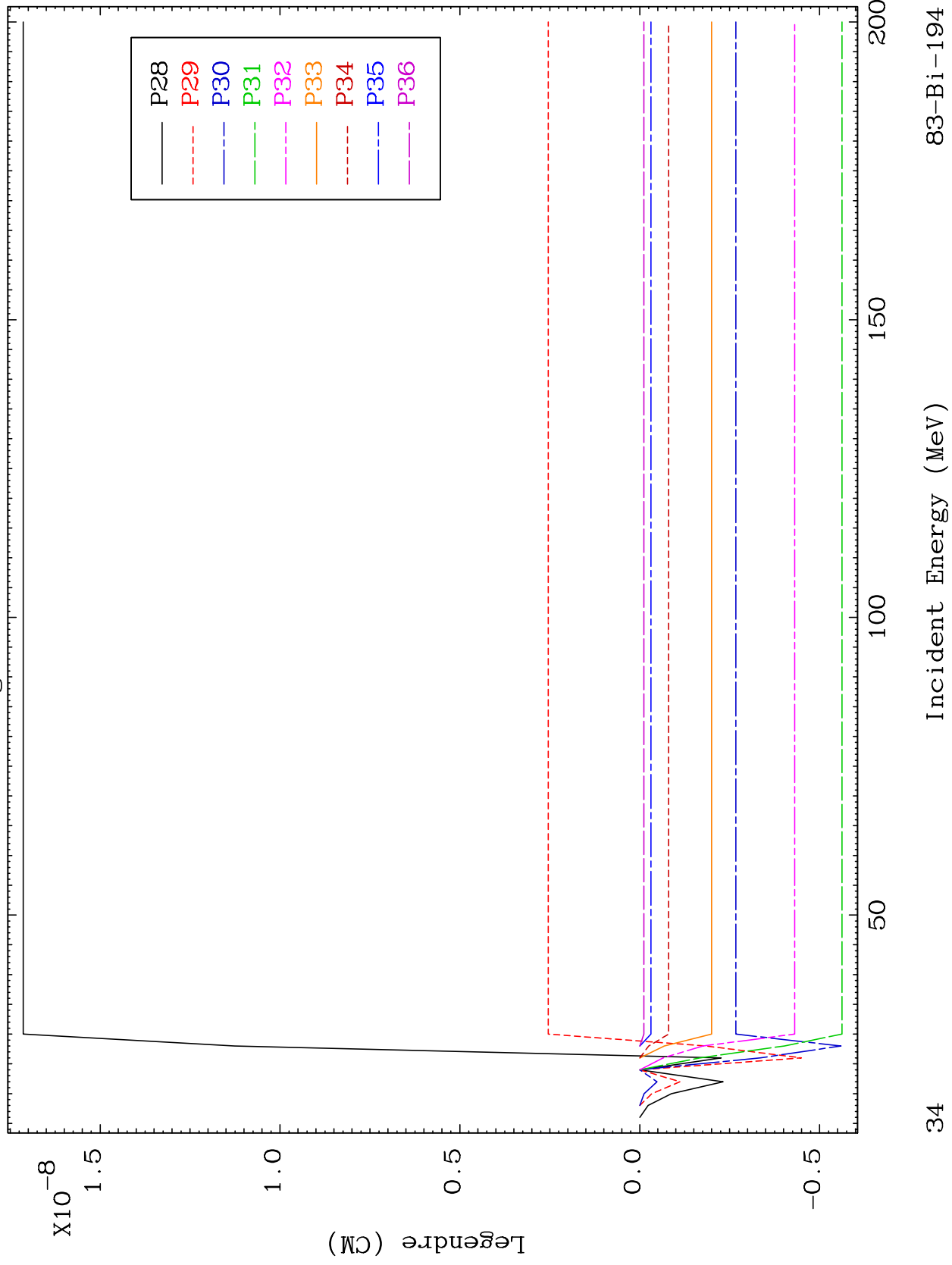
Incident Energy (MeV)

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MAT 8280

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

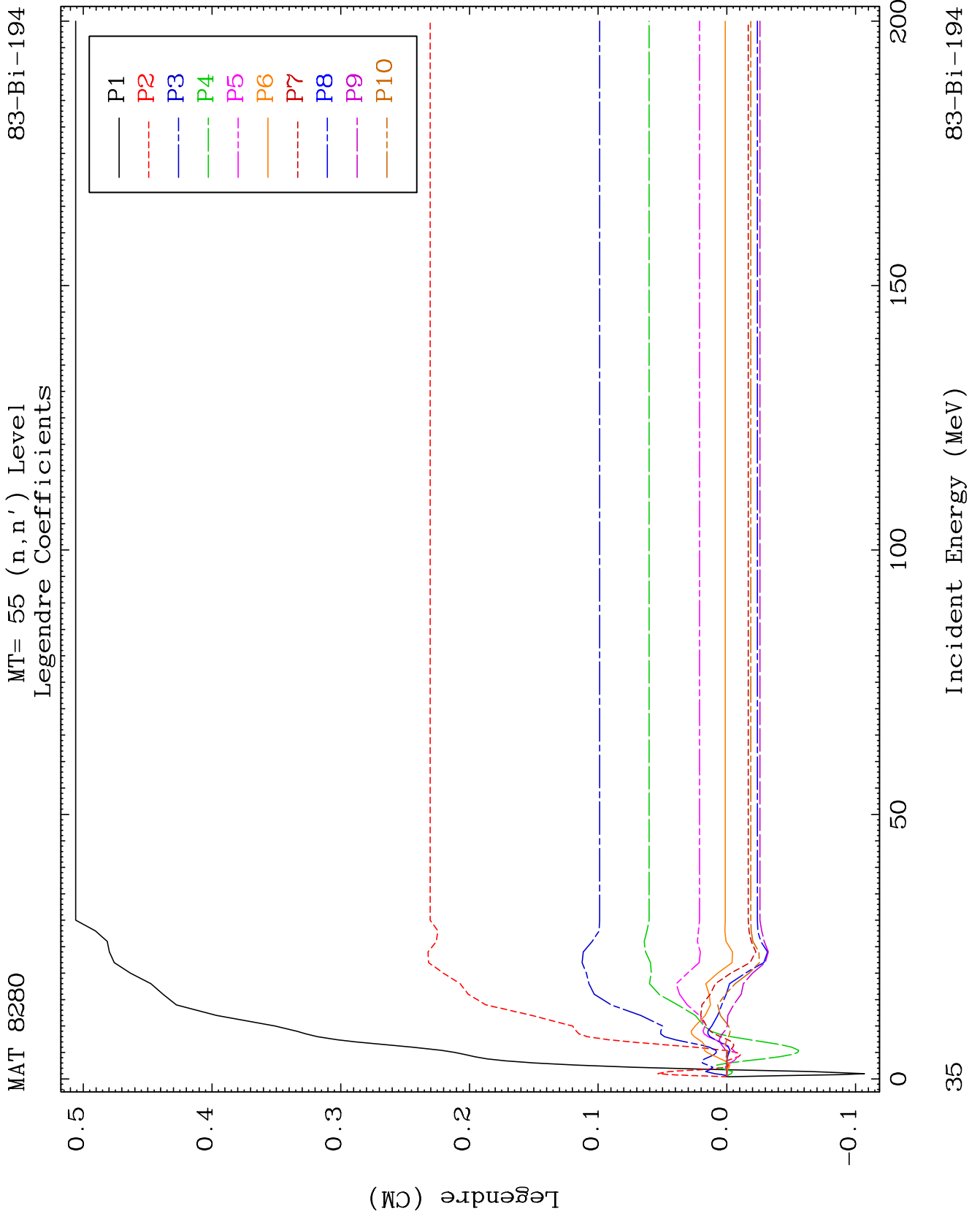
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Incident Energy (MeV)

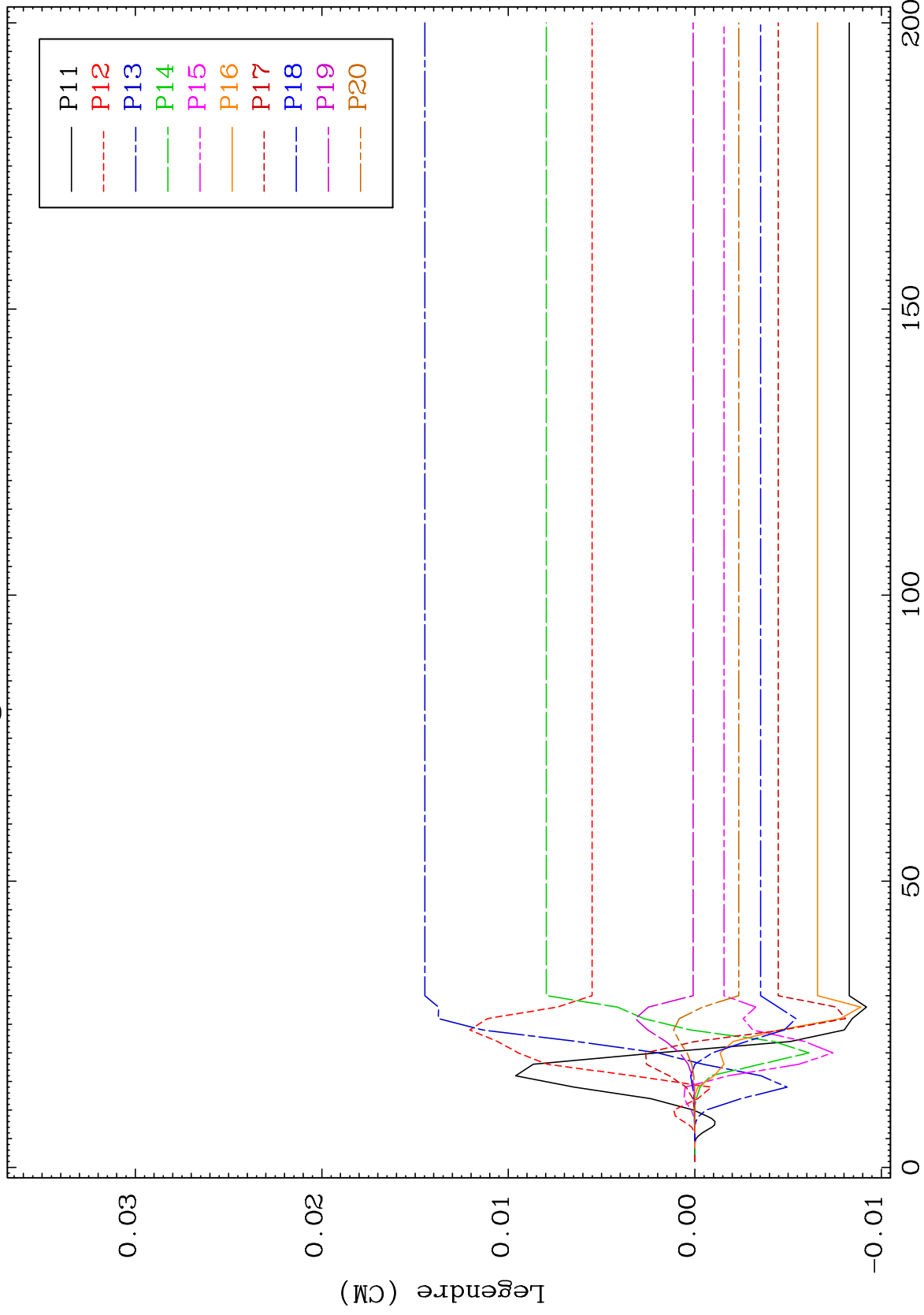
83-Bi-194



MAT 8280

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

83-Bi-194



36

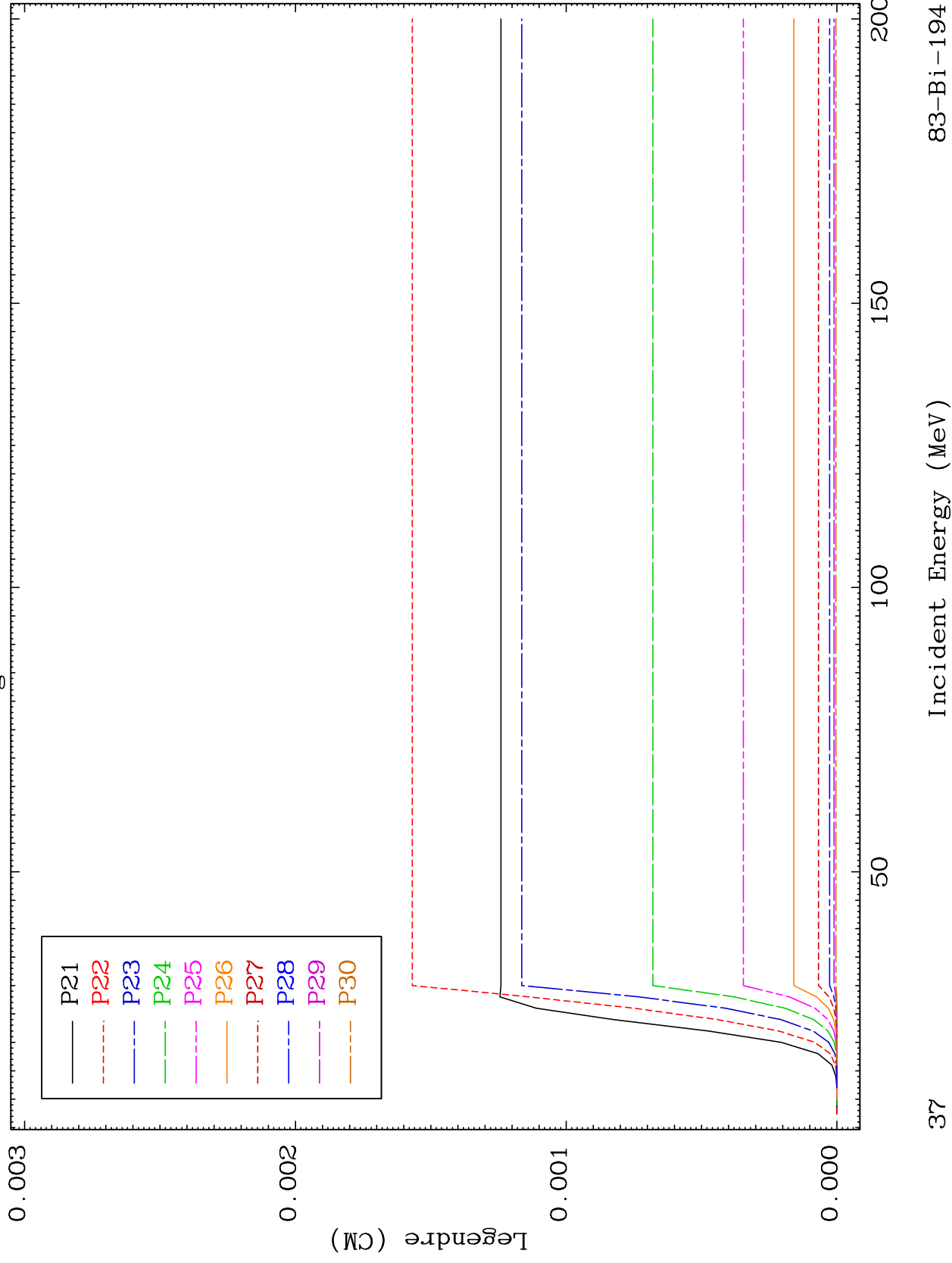
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

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



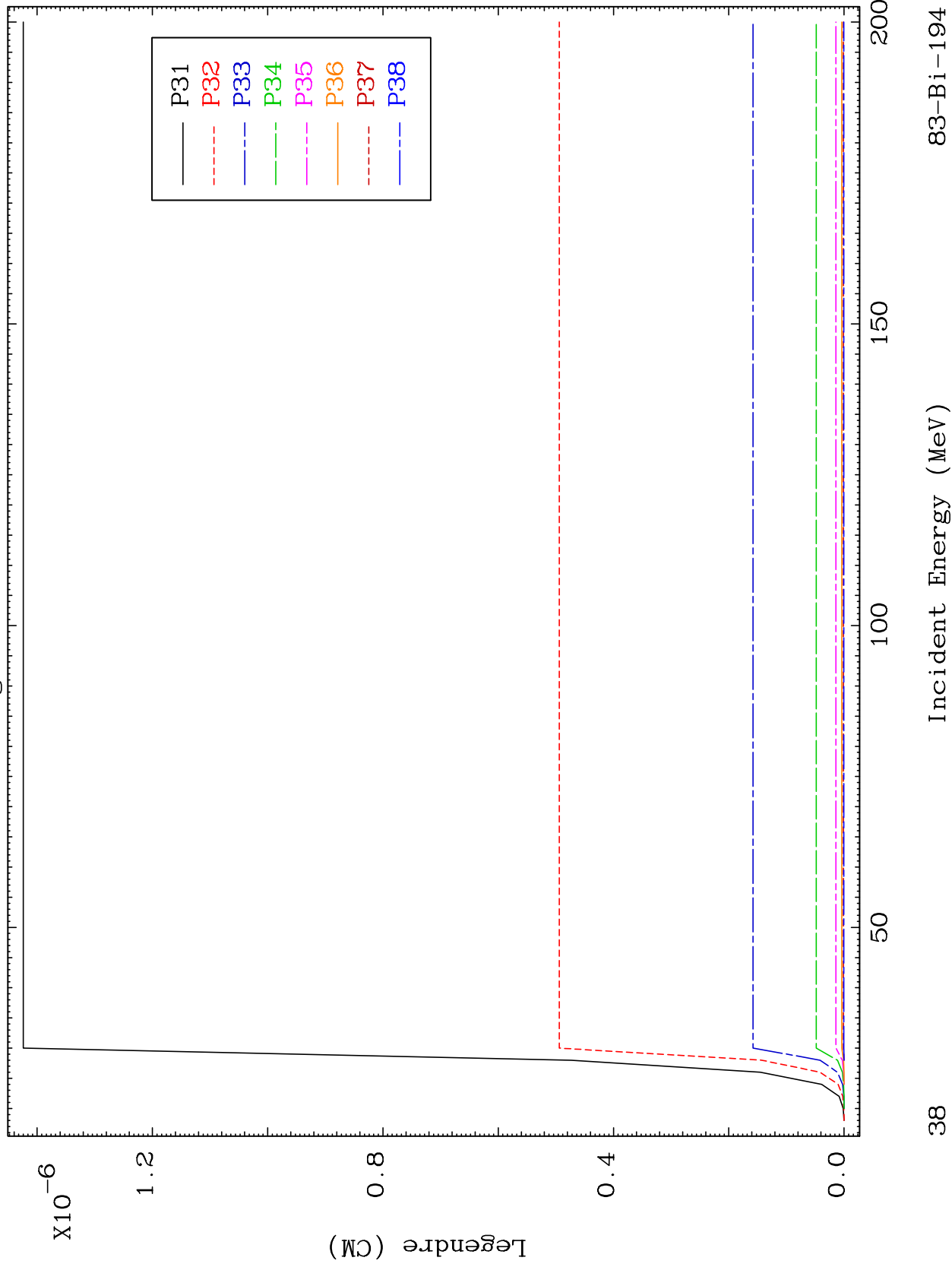
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83-Bi-194

MAT 8280

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

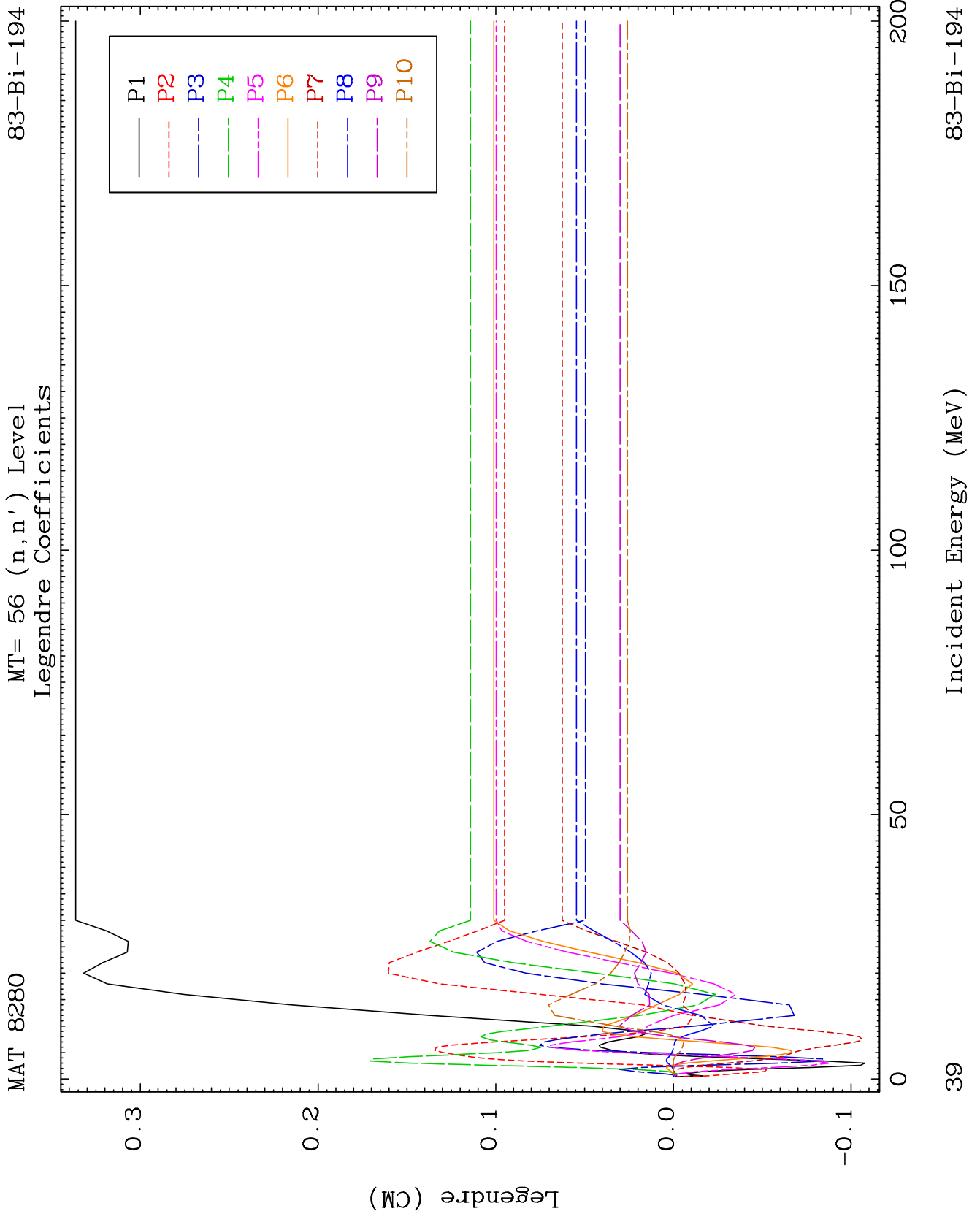
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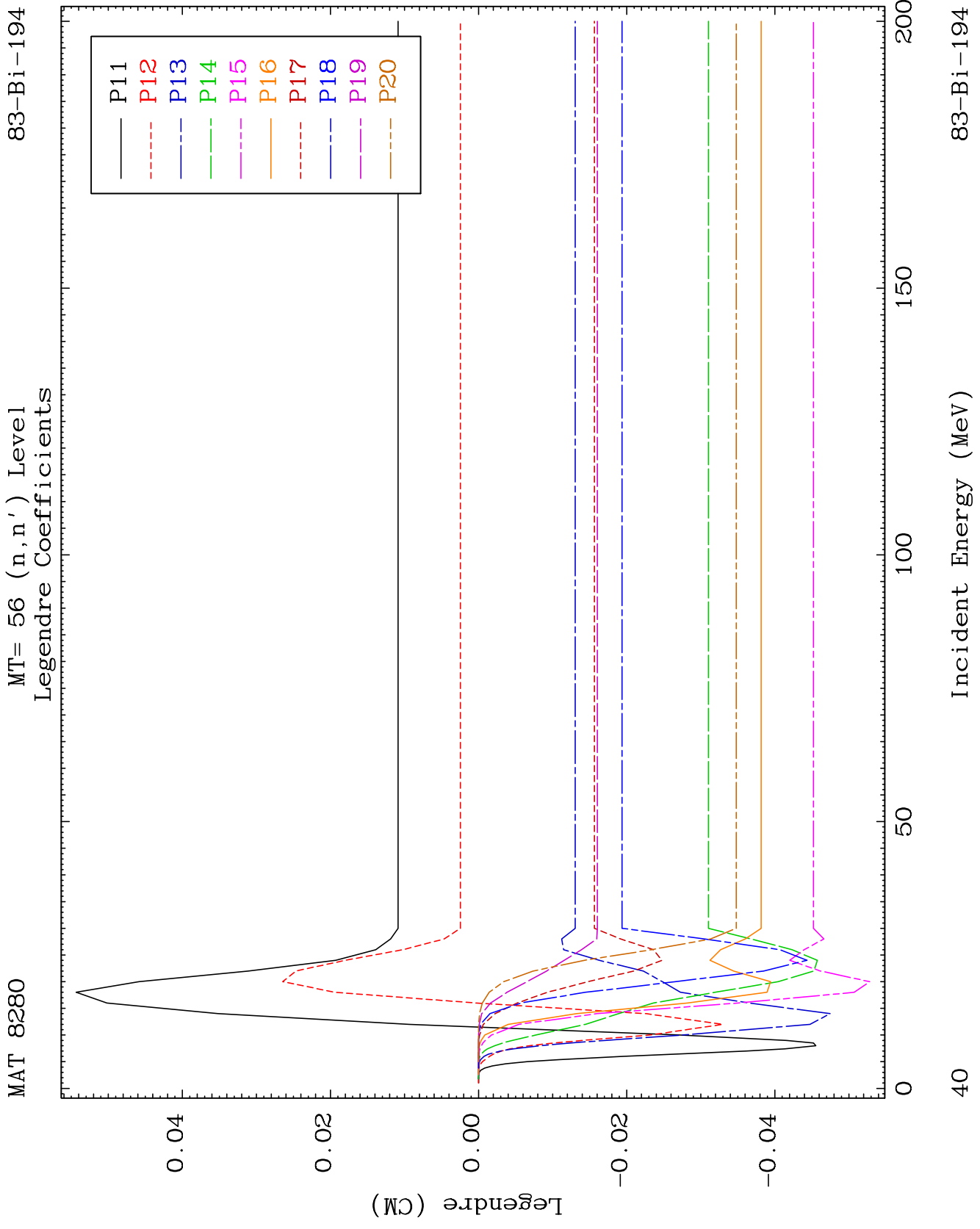


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Incident Energy (MeV)

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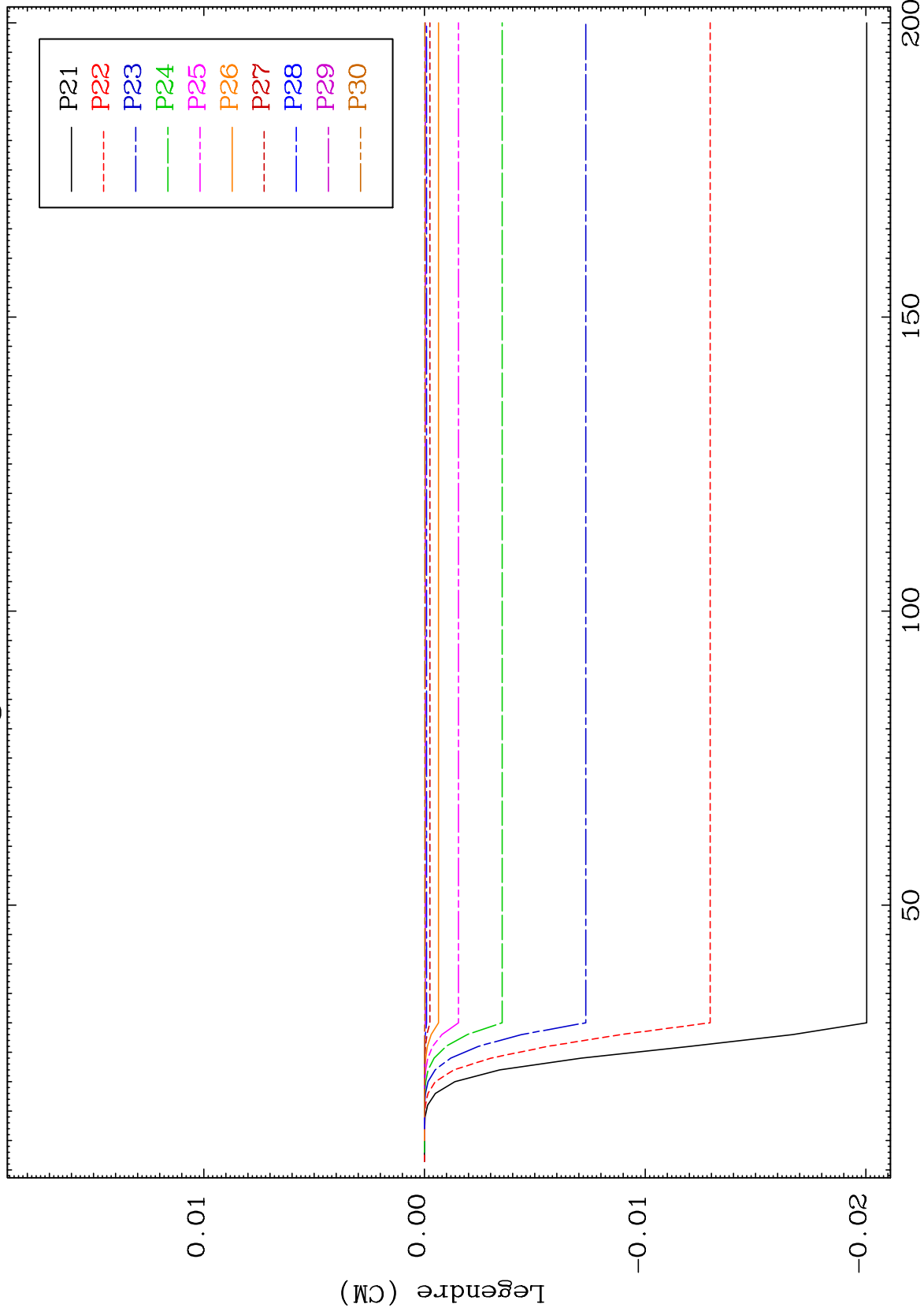




MAT 8280

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Legendre Coefficients

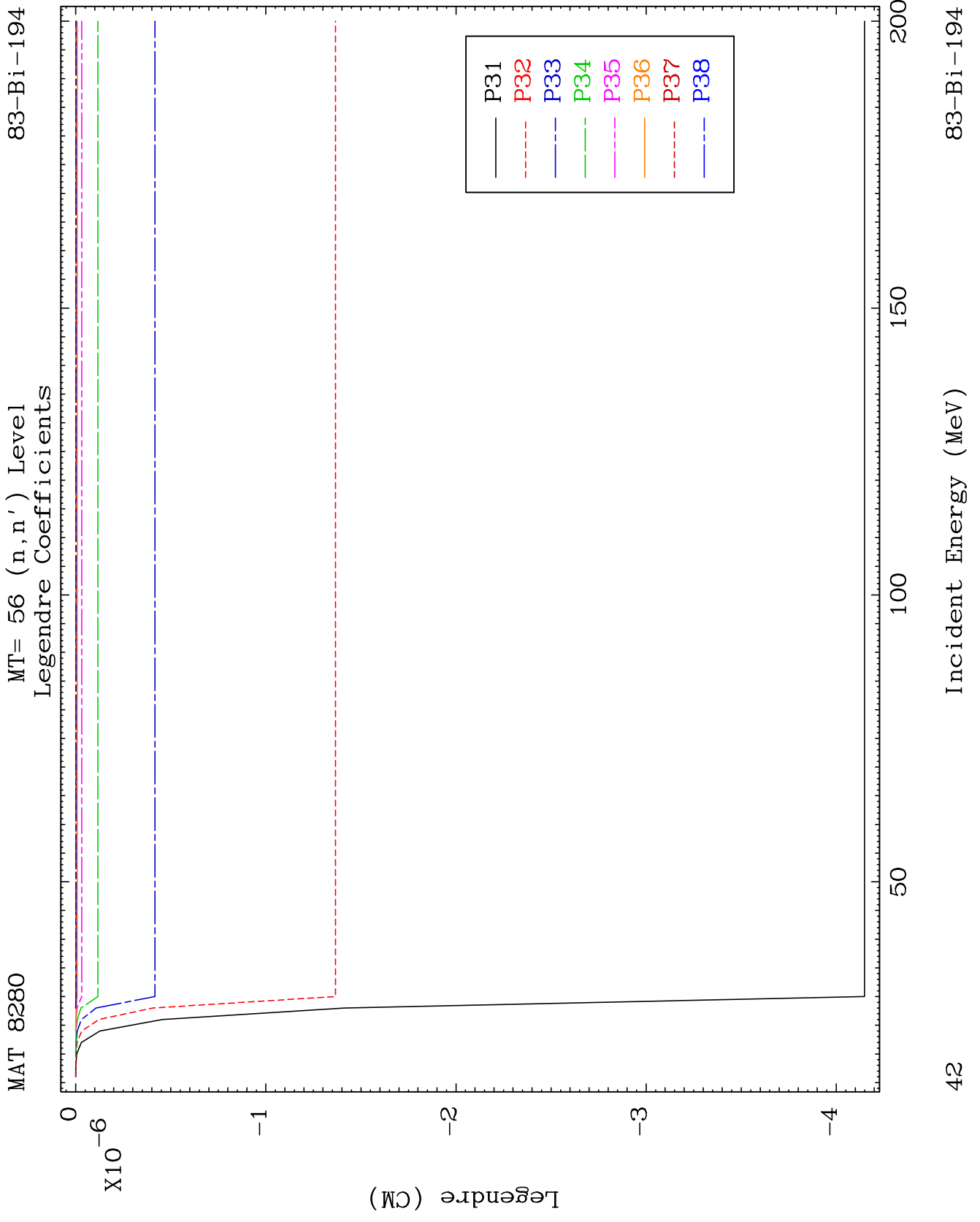
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41

Incident Energy (MeV)

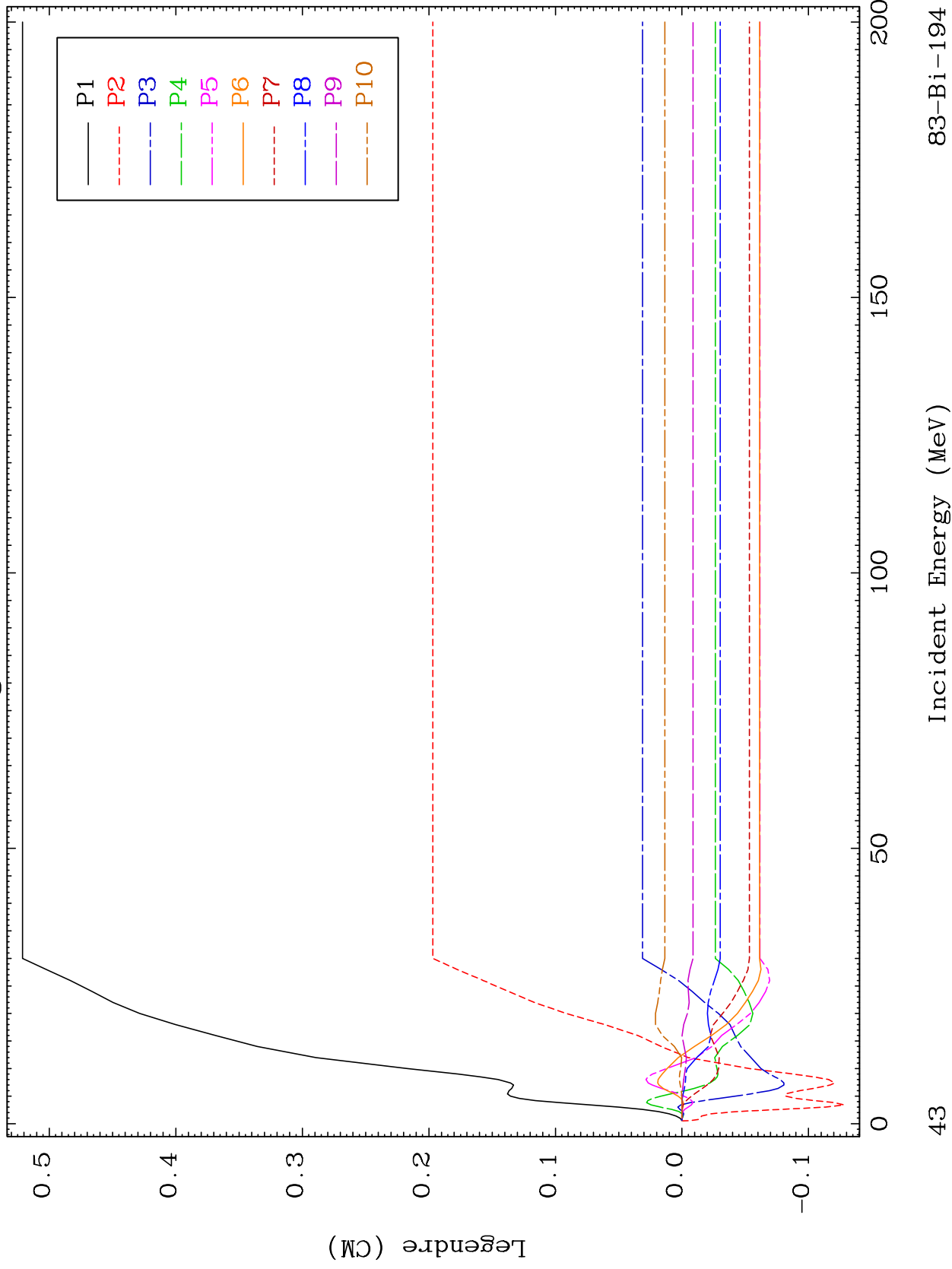
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MAT 8280

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

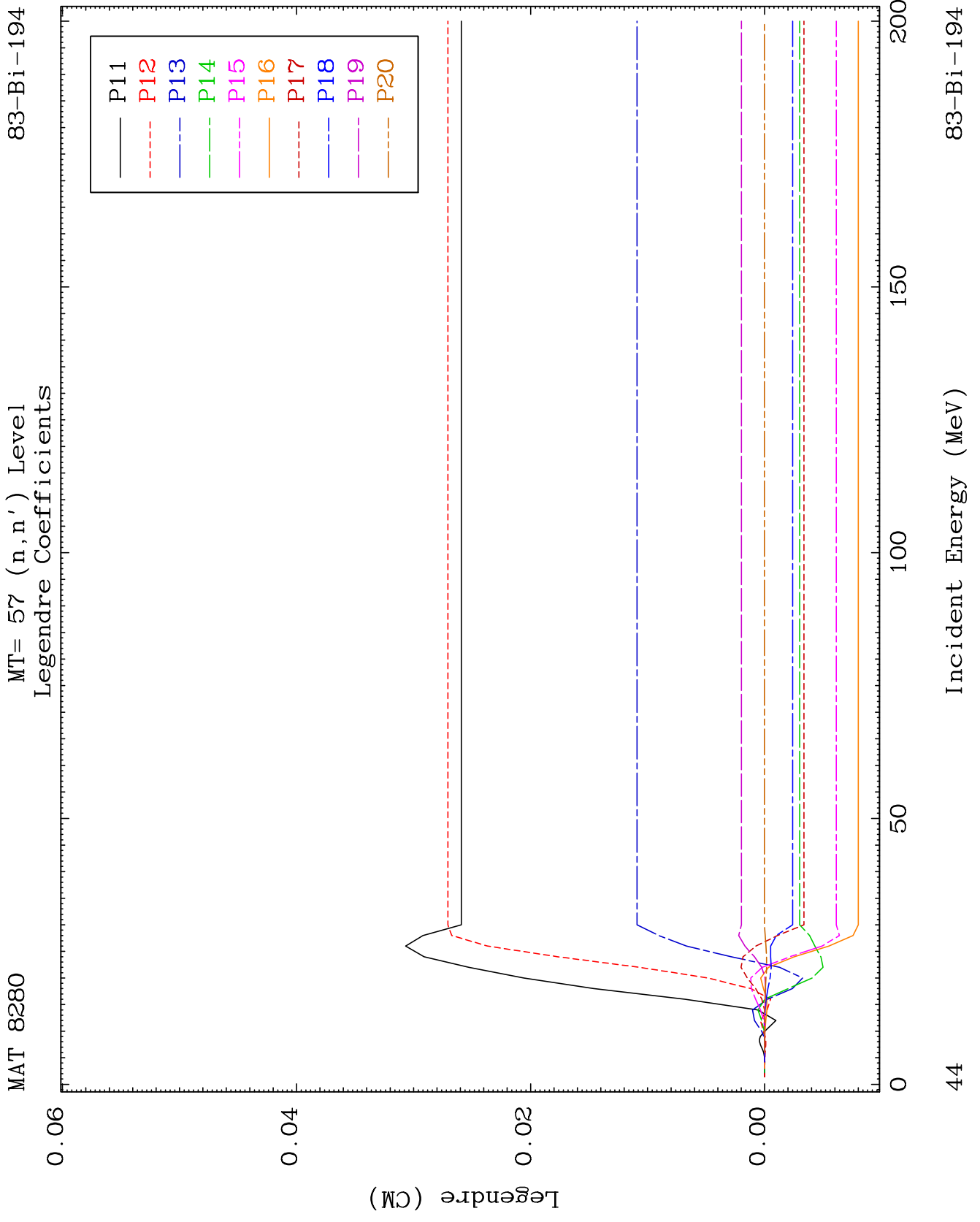
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43

Incident Energy (MeV)

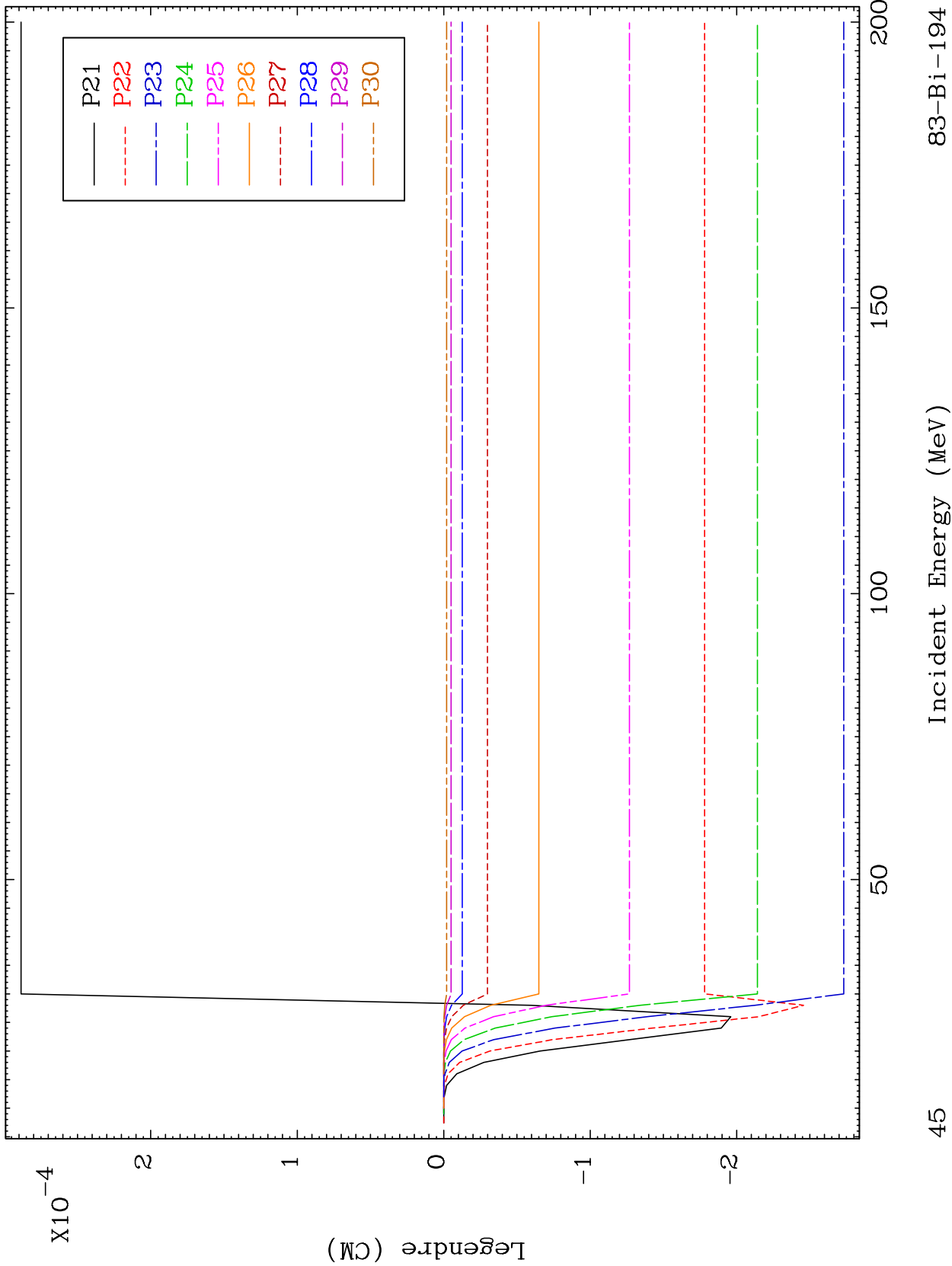
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MAT 8280

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

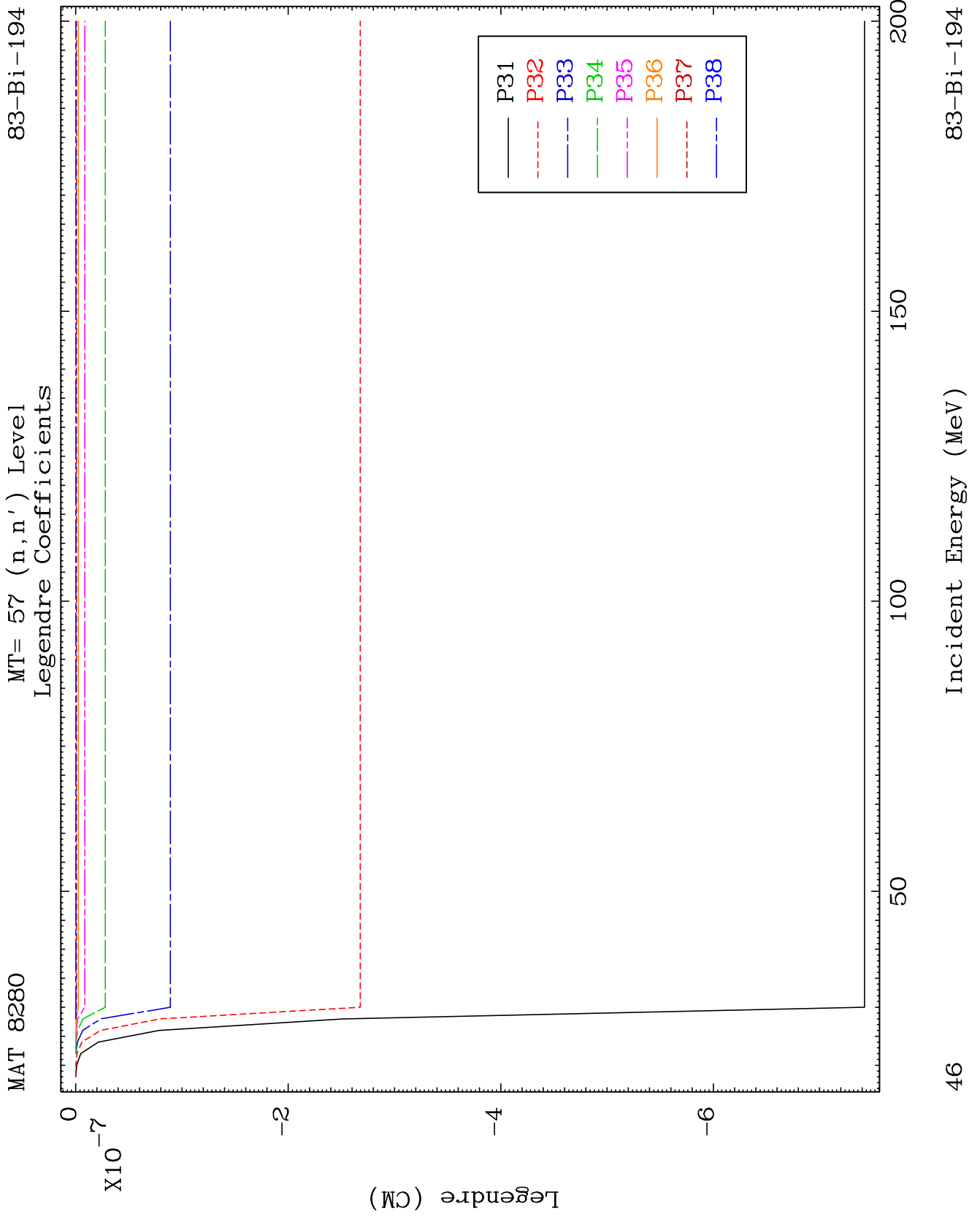
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45

Incident Energy (MeV)

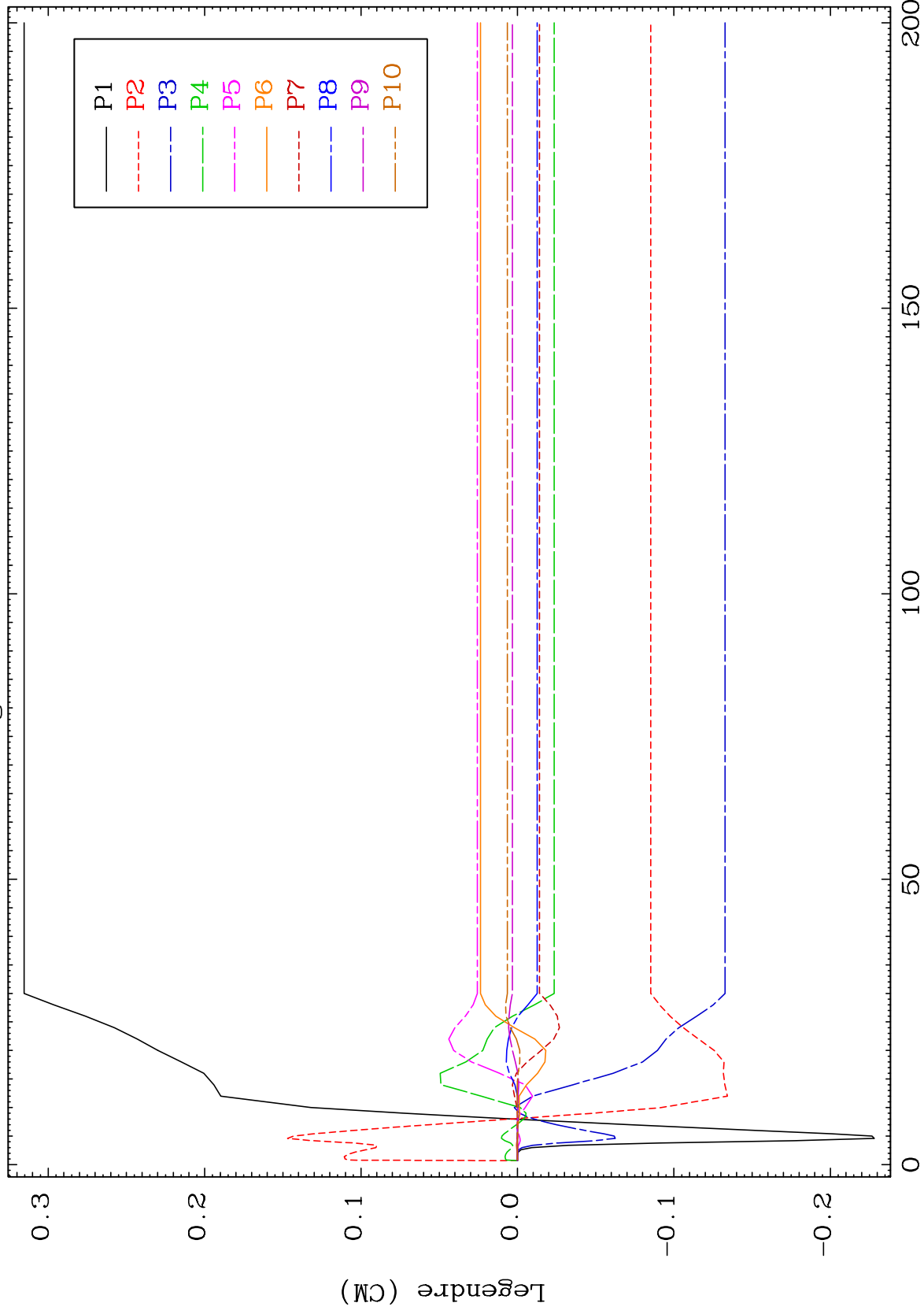
83-Bi-194



MAT 8280

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

83-Bi-194



47

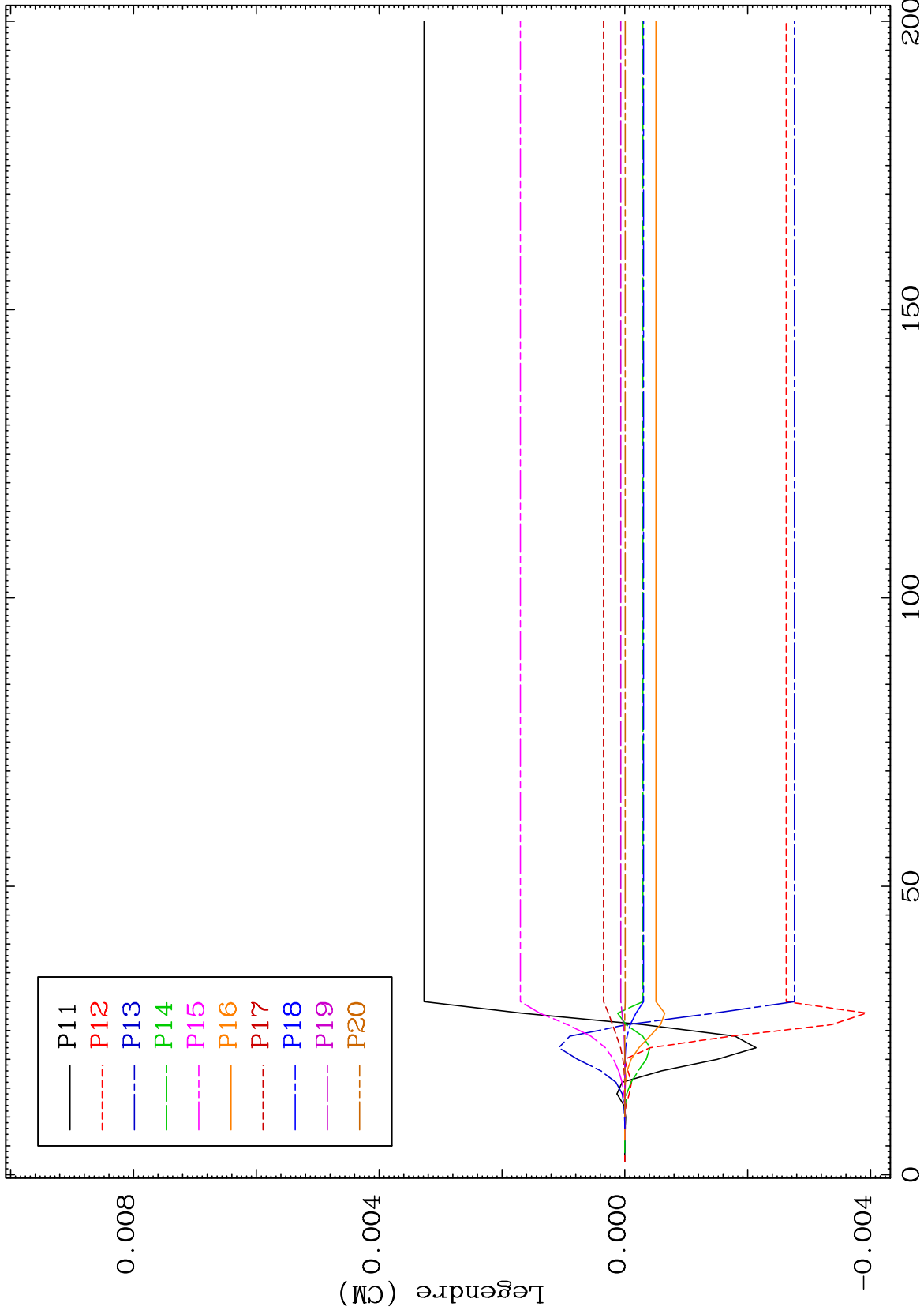
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



48

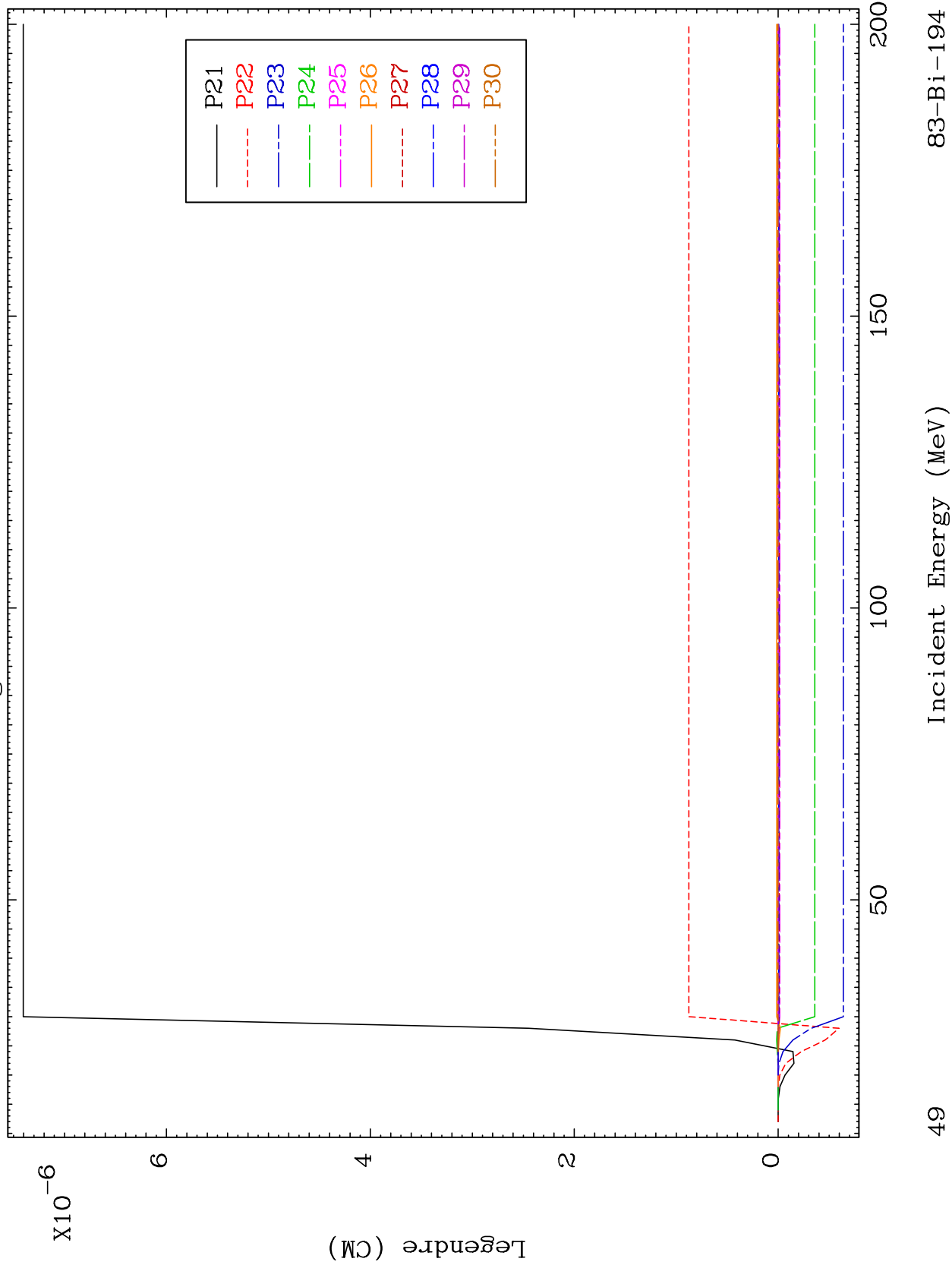
Incident Energy (MeV)

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MAT 8280

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

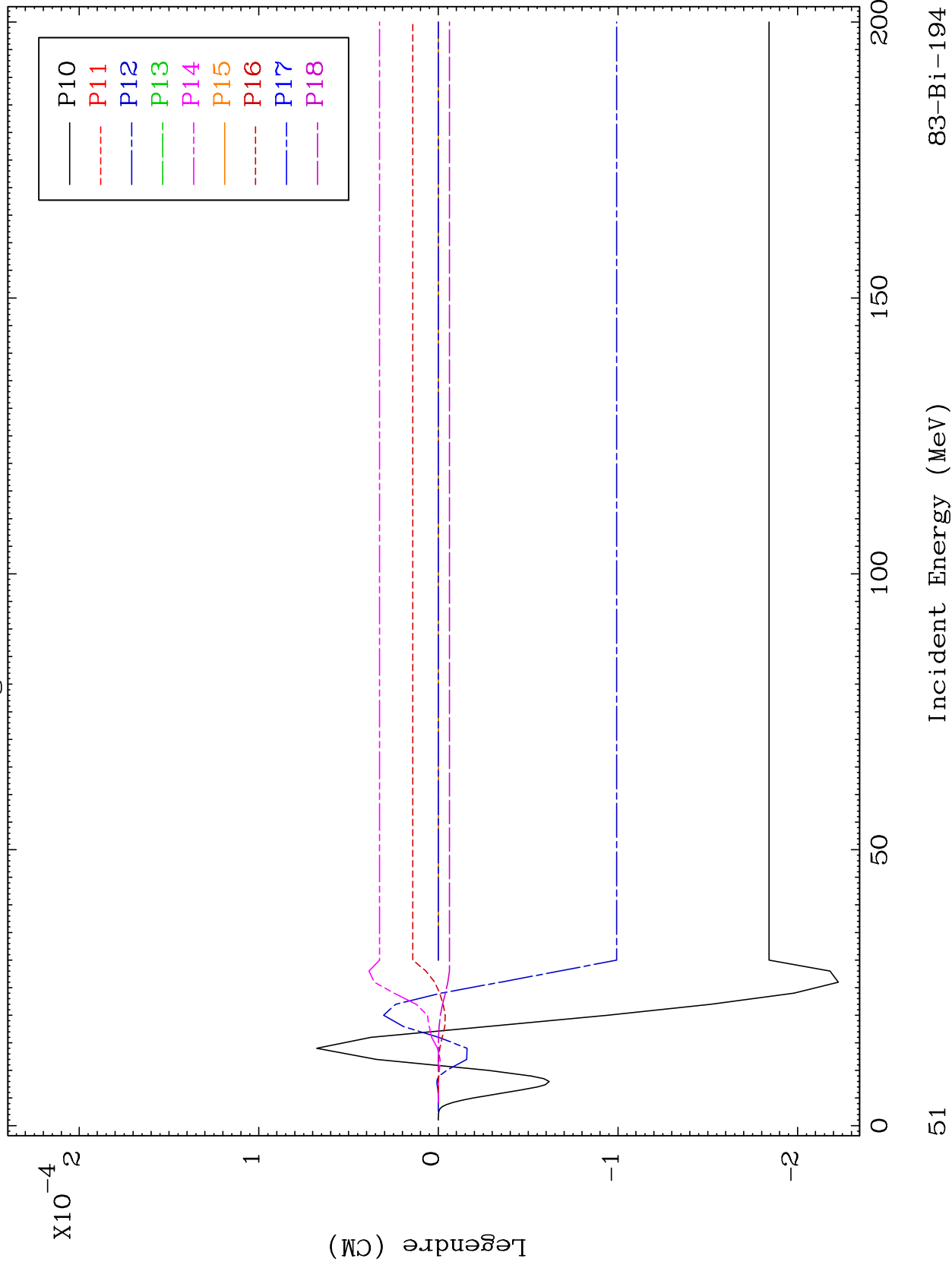
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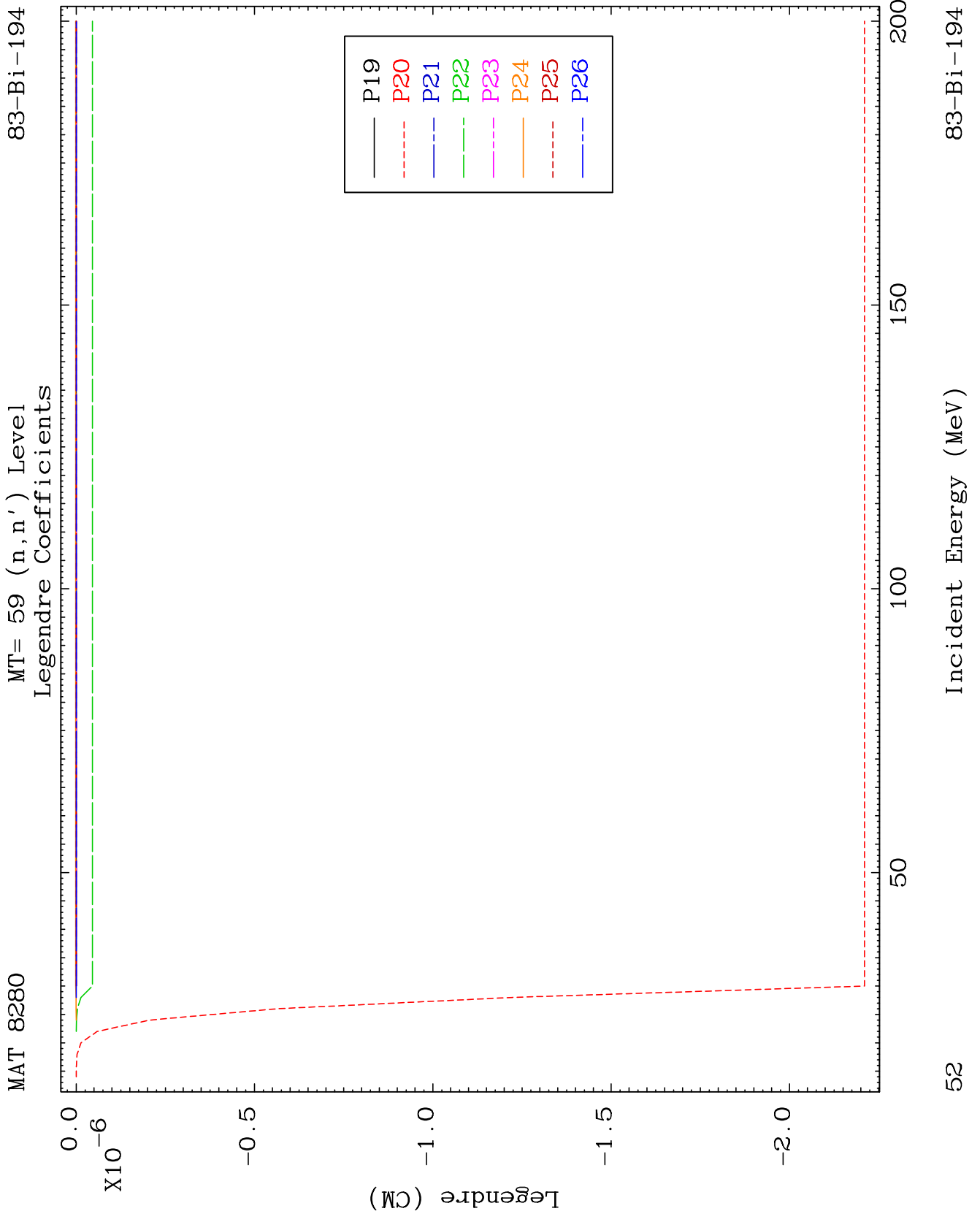


MAT 8280

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

83-Bi-194

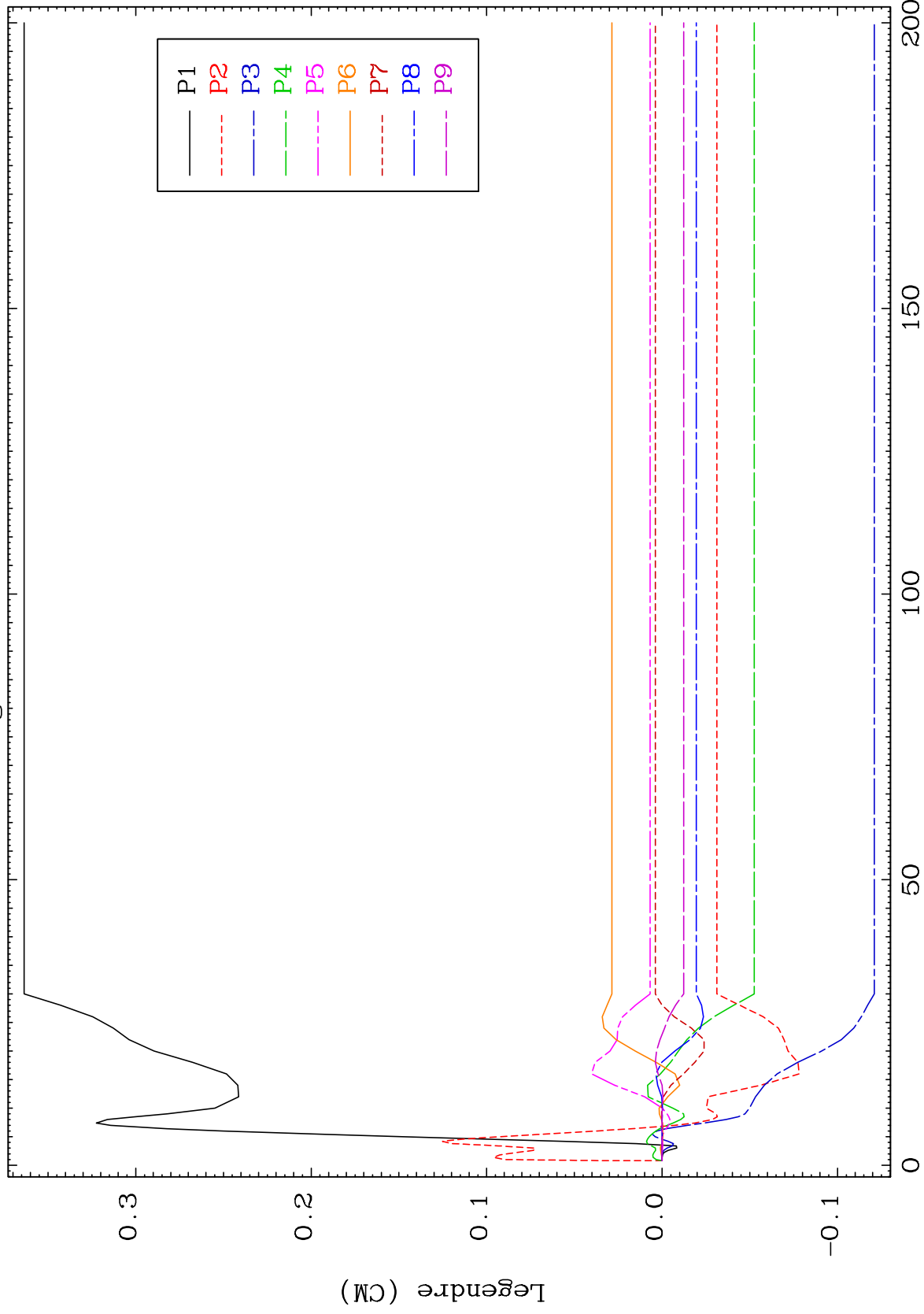




MAT 8280

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

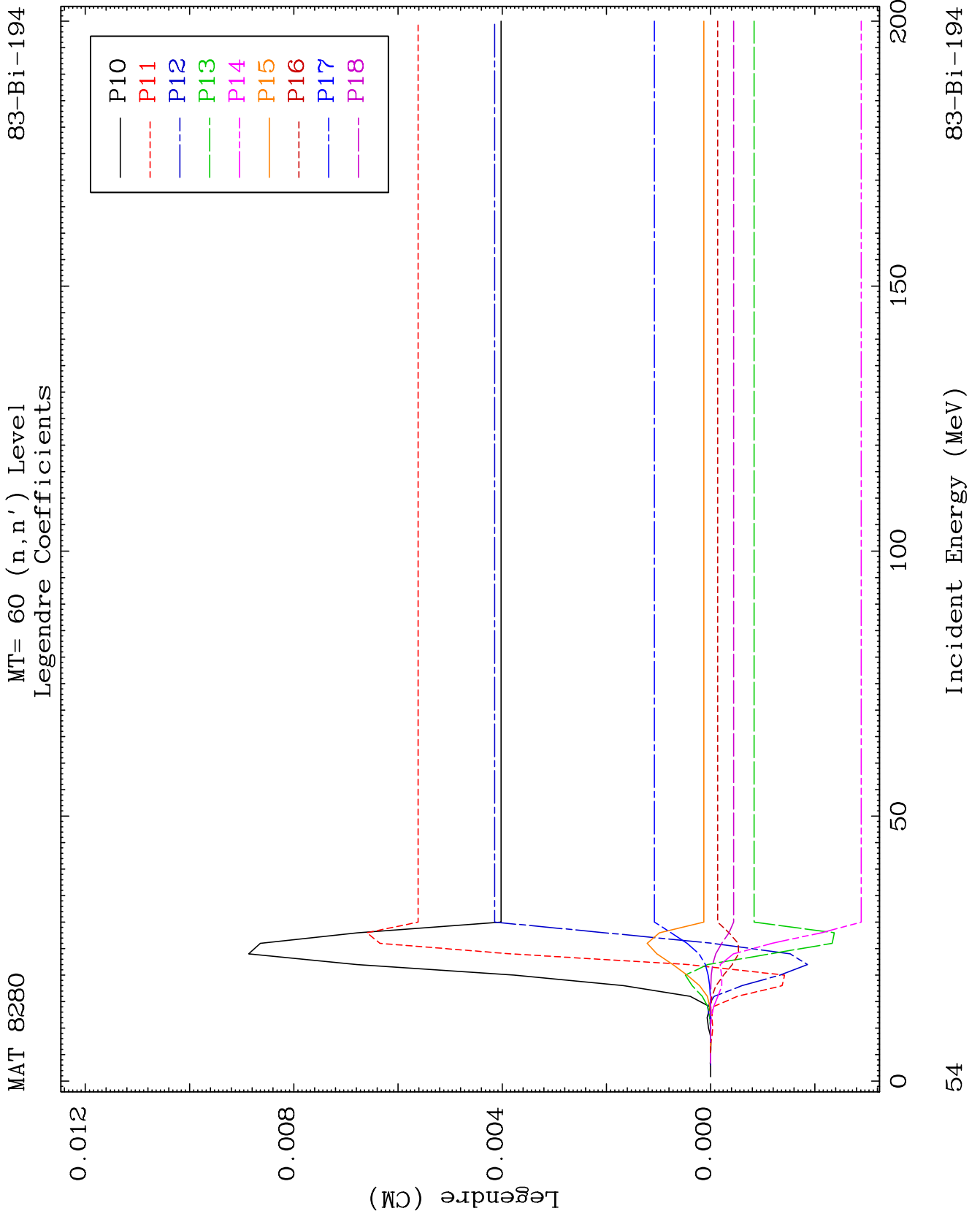
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53

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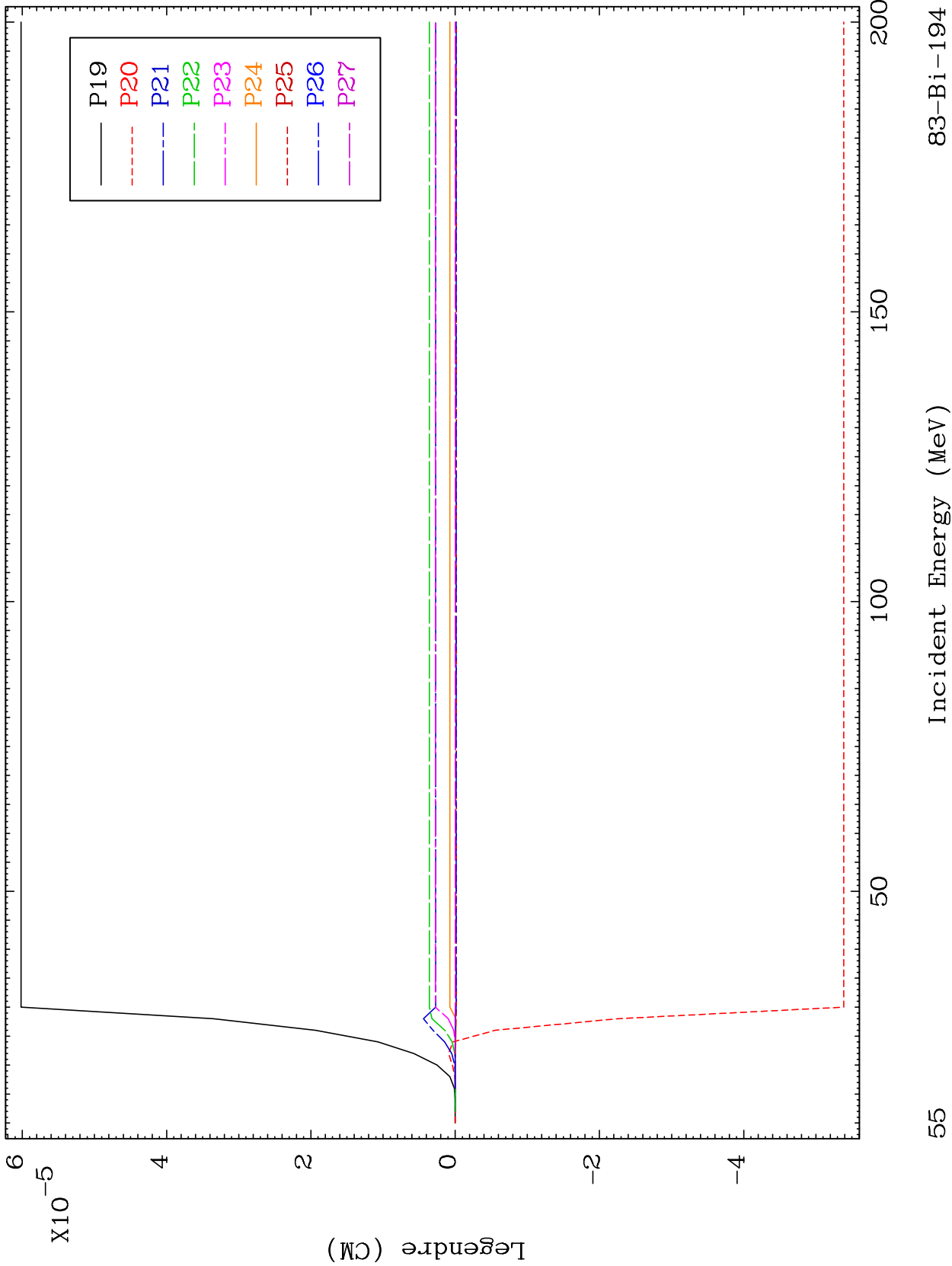
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MAT 8280

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

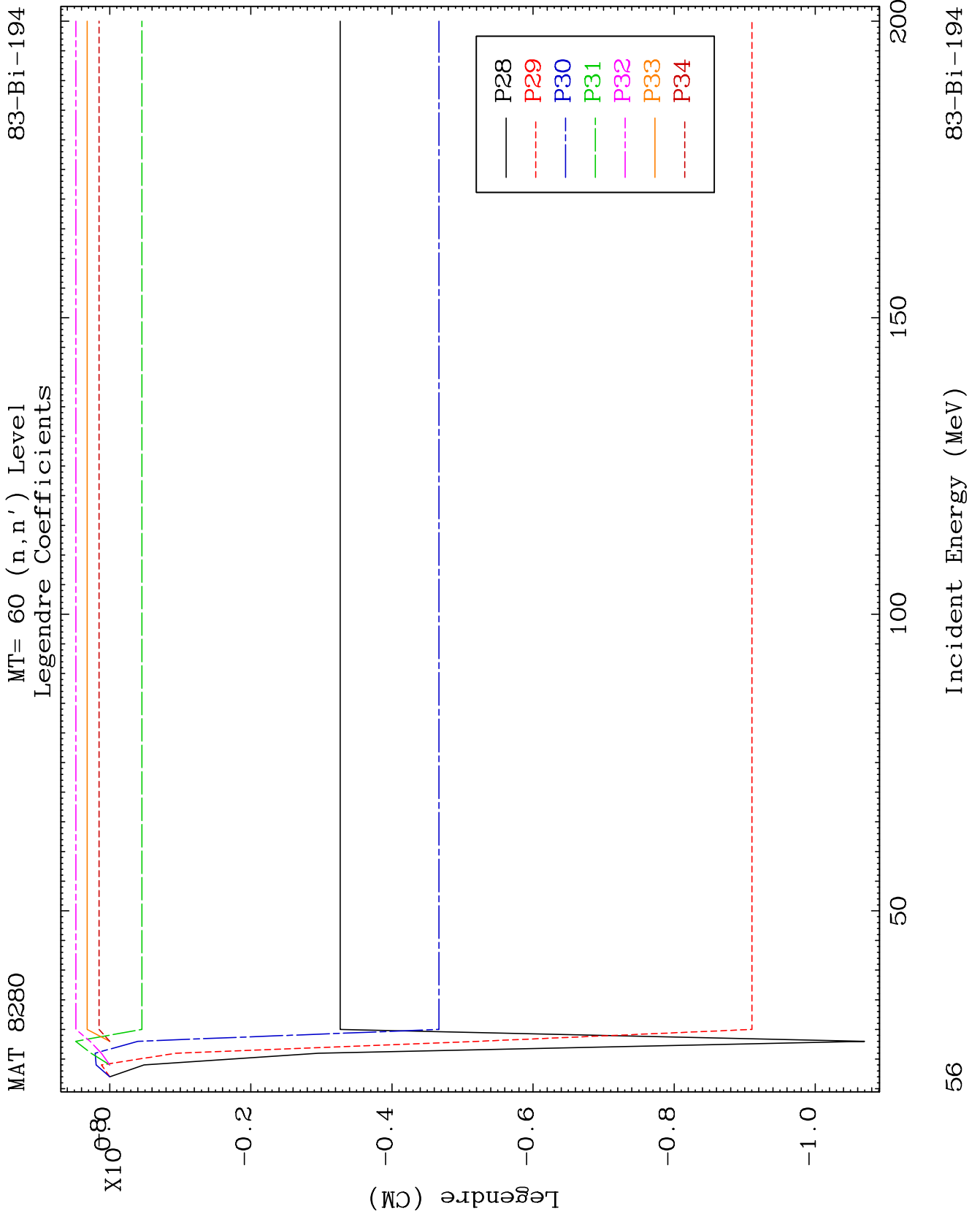
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55

Incident Energy (MeV)

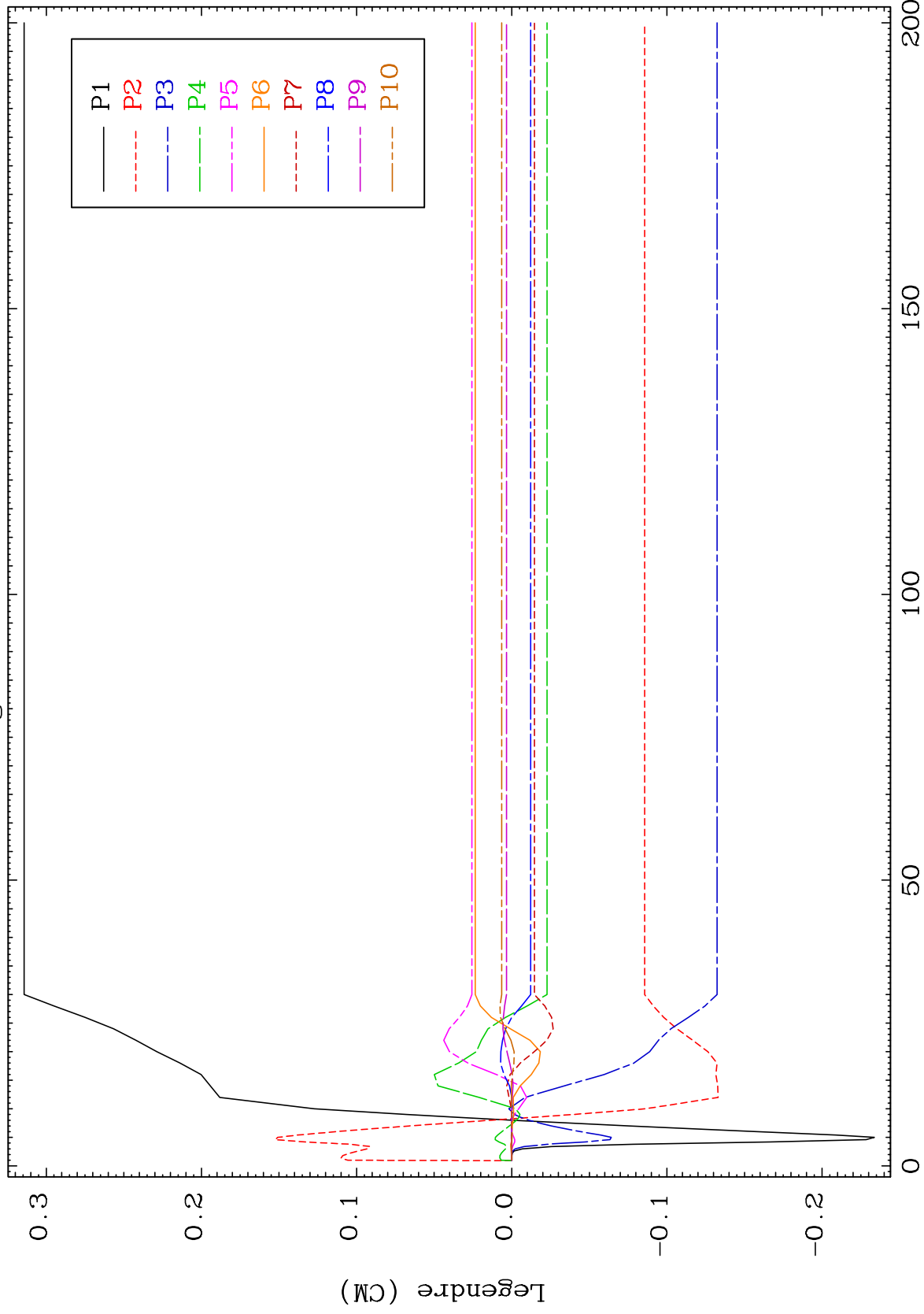
83-Bi-194



MAT 8280

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

83-Bi-194



57

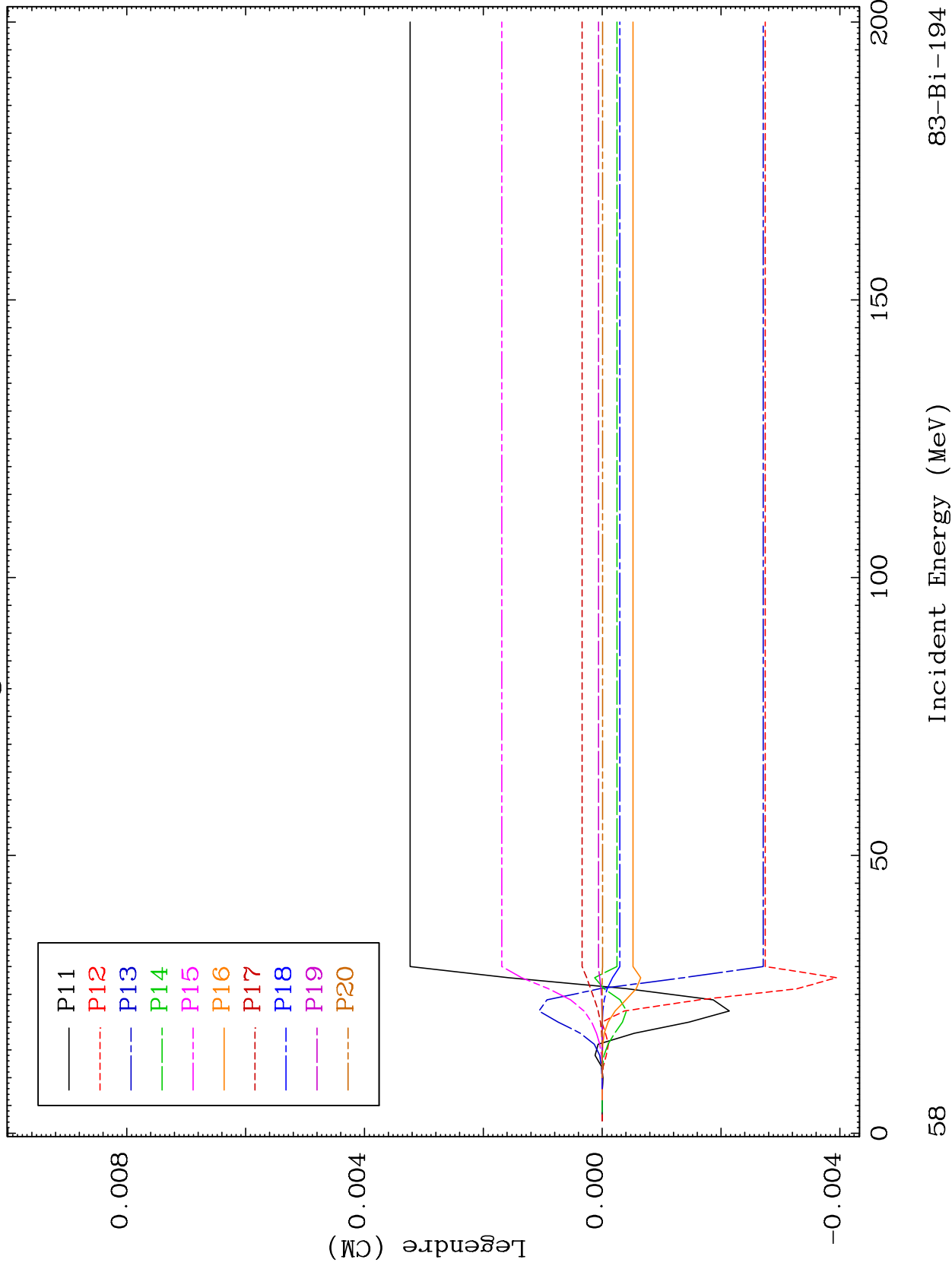
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



58

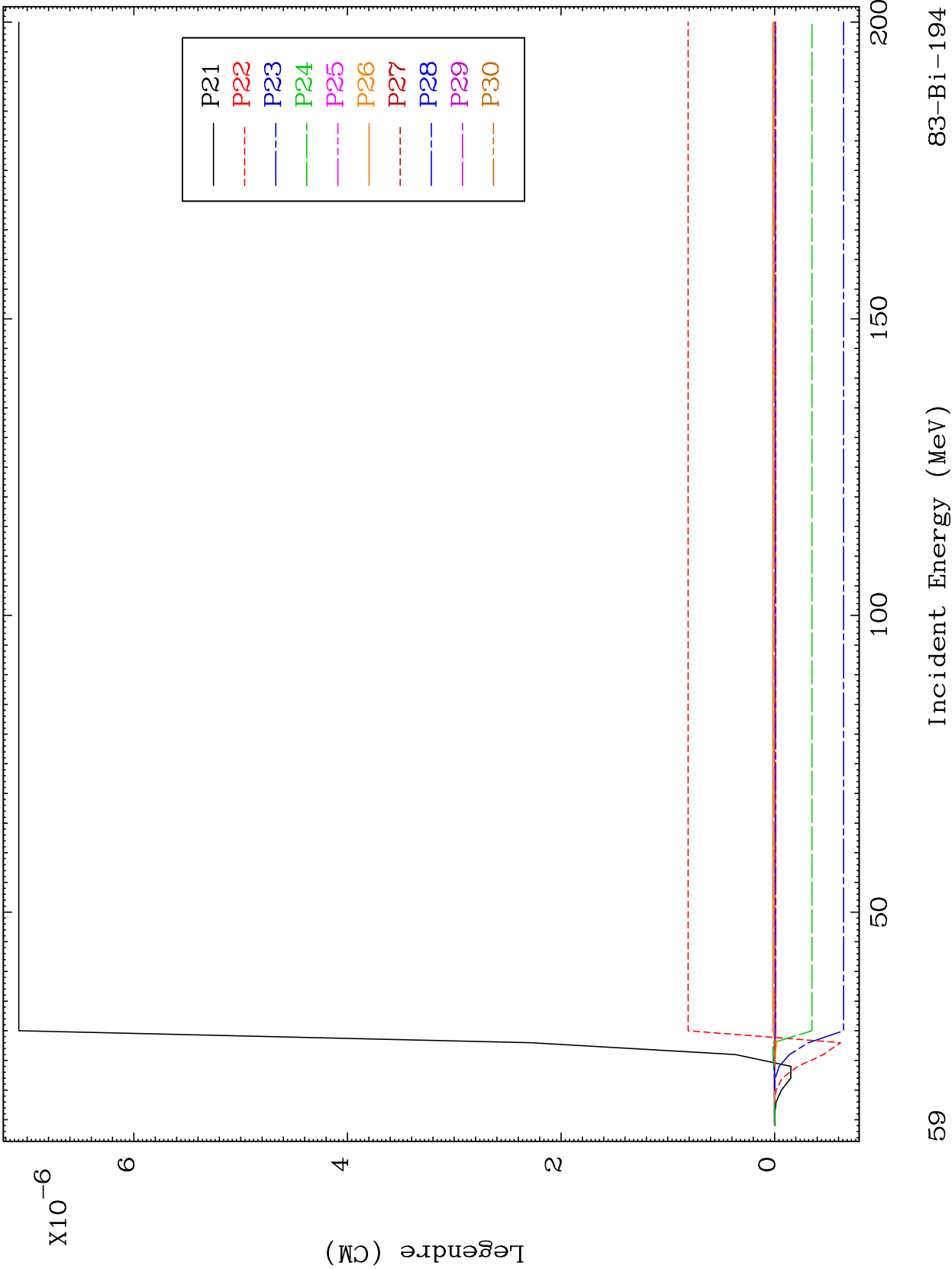
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



59

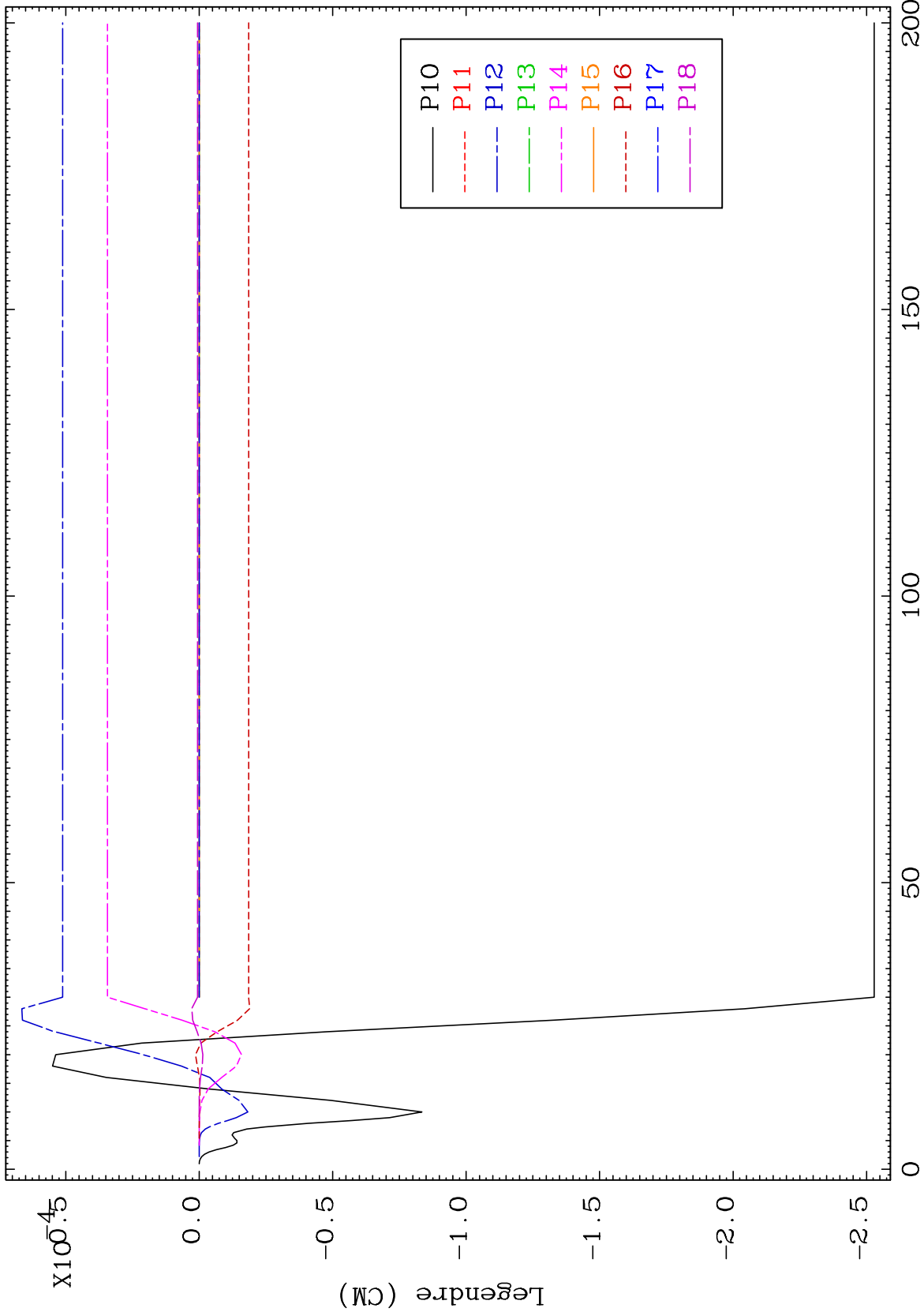
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

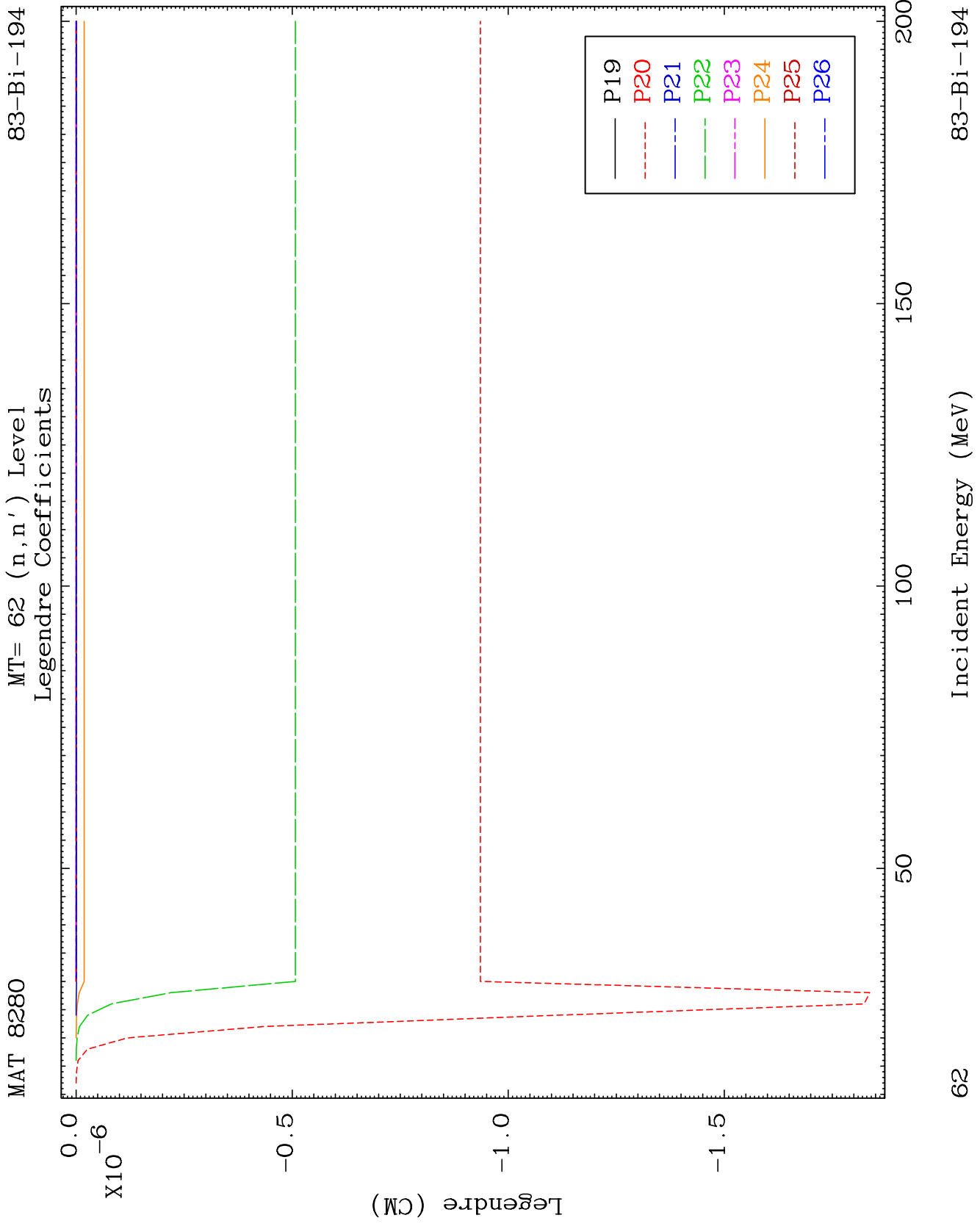
83-Bi-194



61

Incident Energy (MeV)

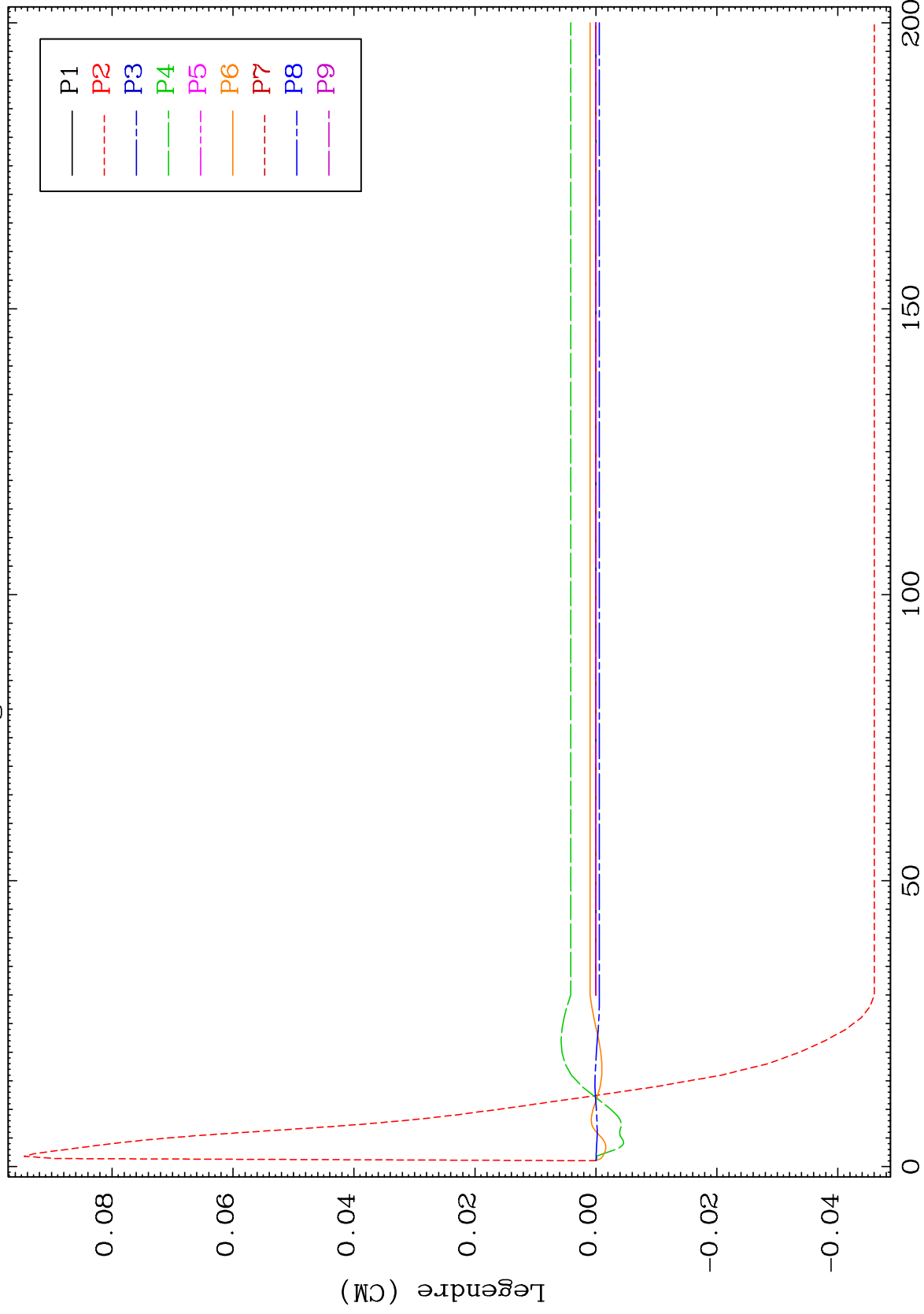
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MAT 8280

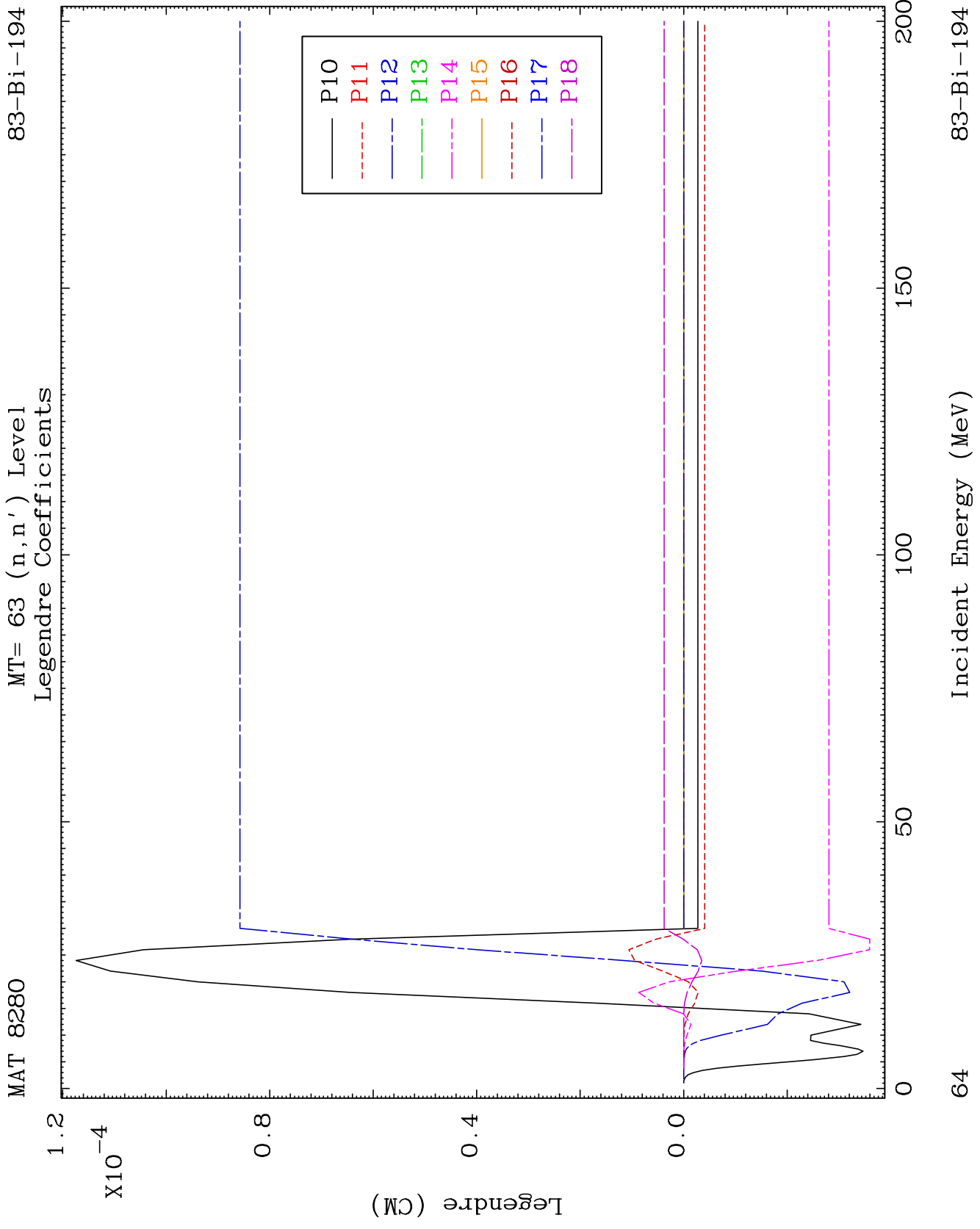
MT= 63 (n,n') Level
Legendre Coefficients

83-Bi-194



63

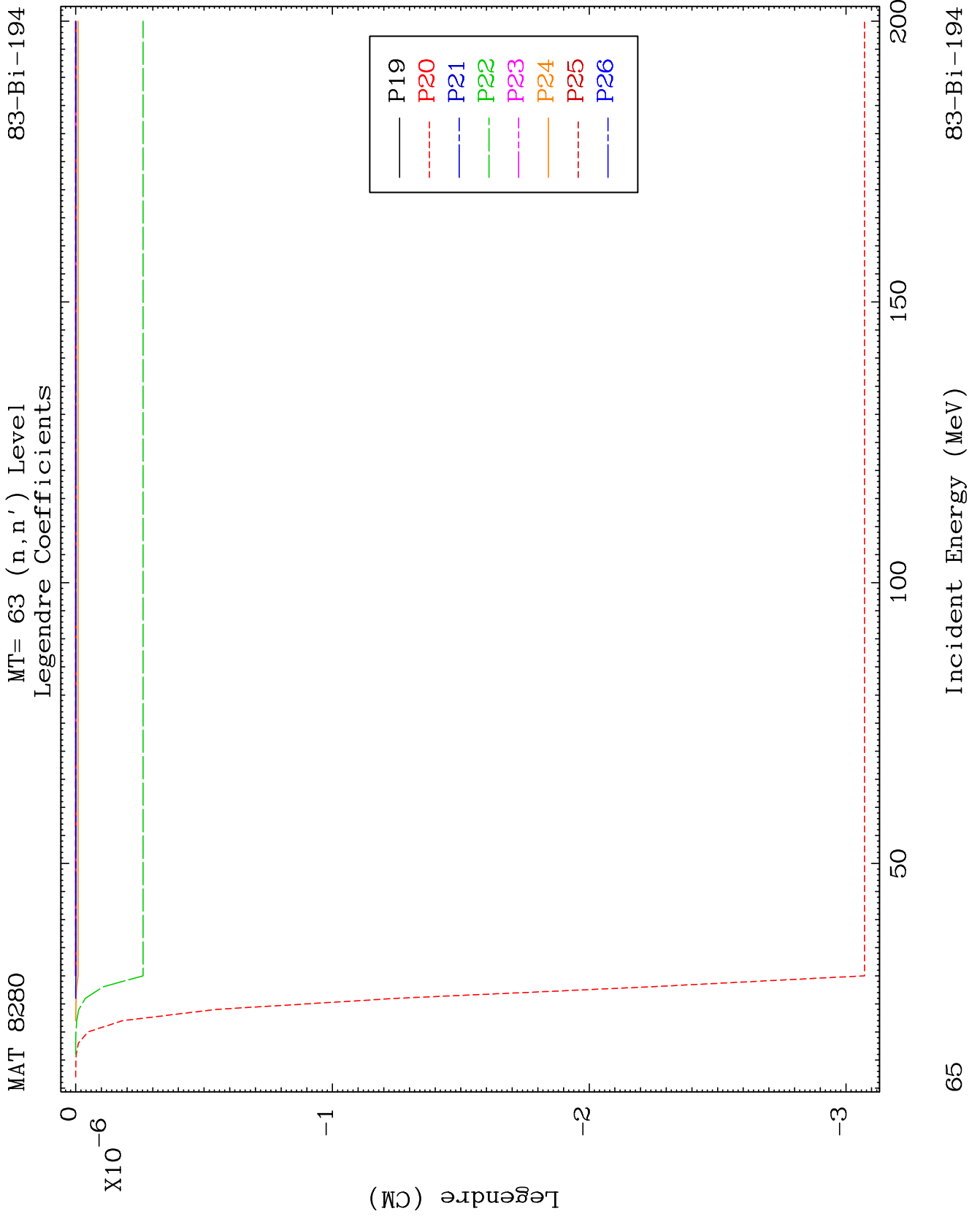
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83-Bi-194

Incident Energy (MeV)

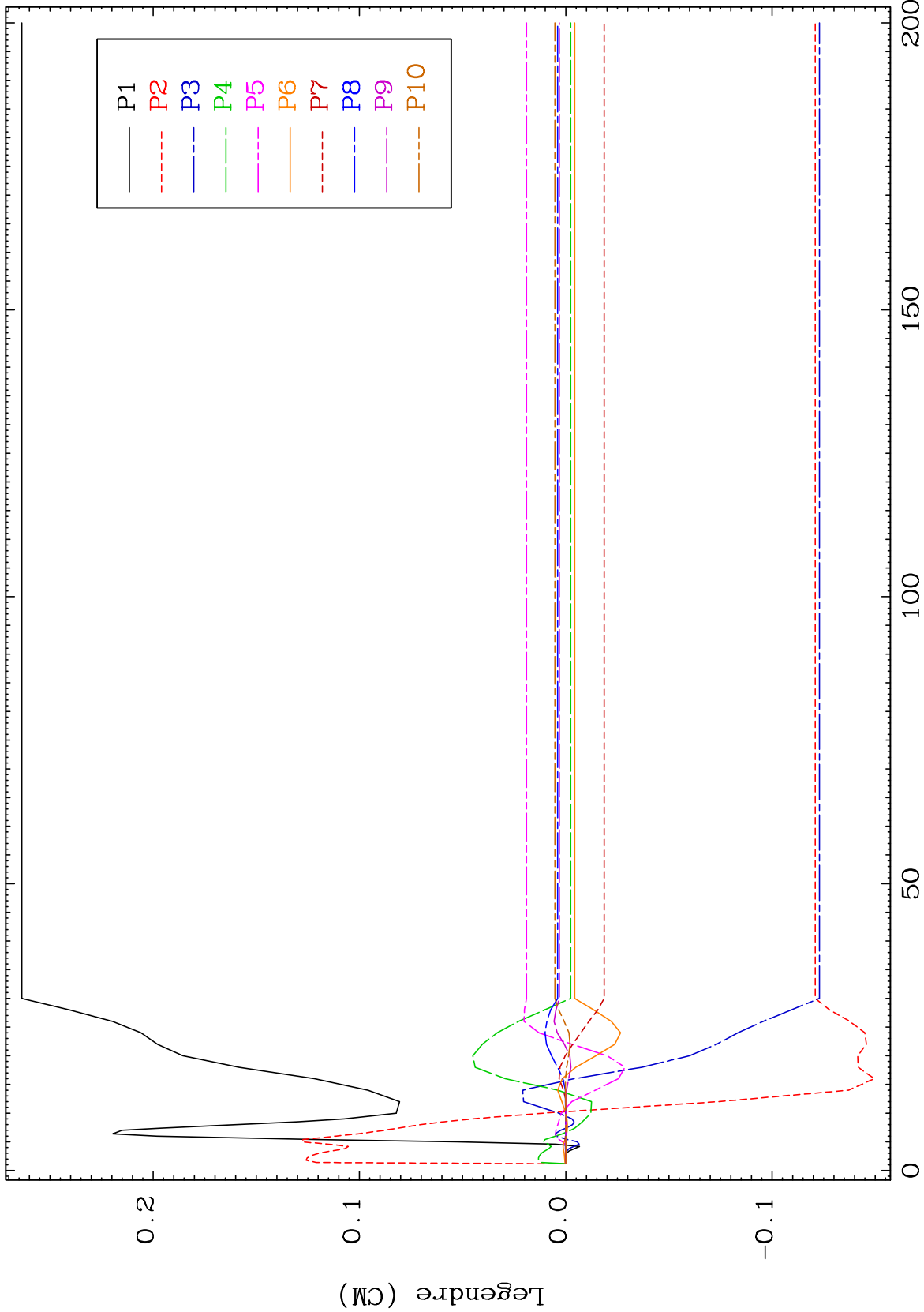
64



MAT 8280

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

83-Bi-194



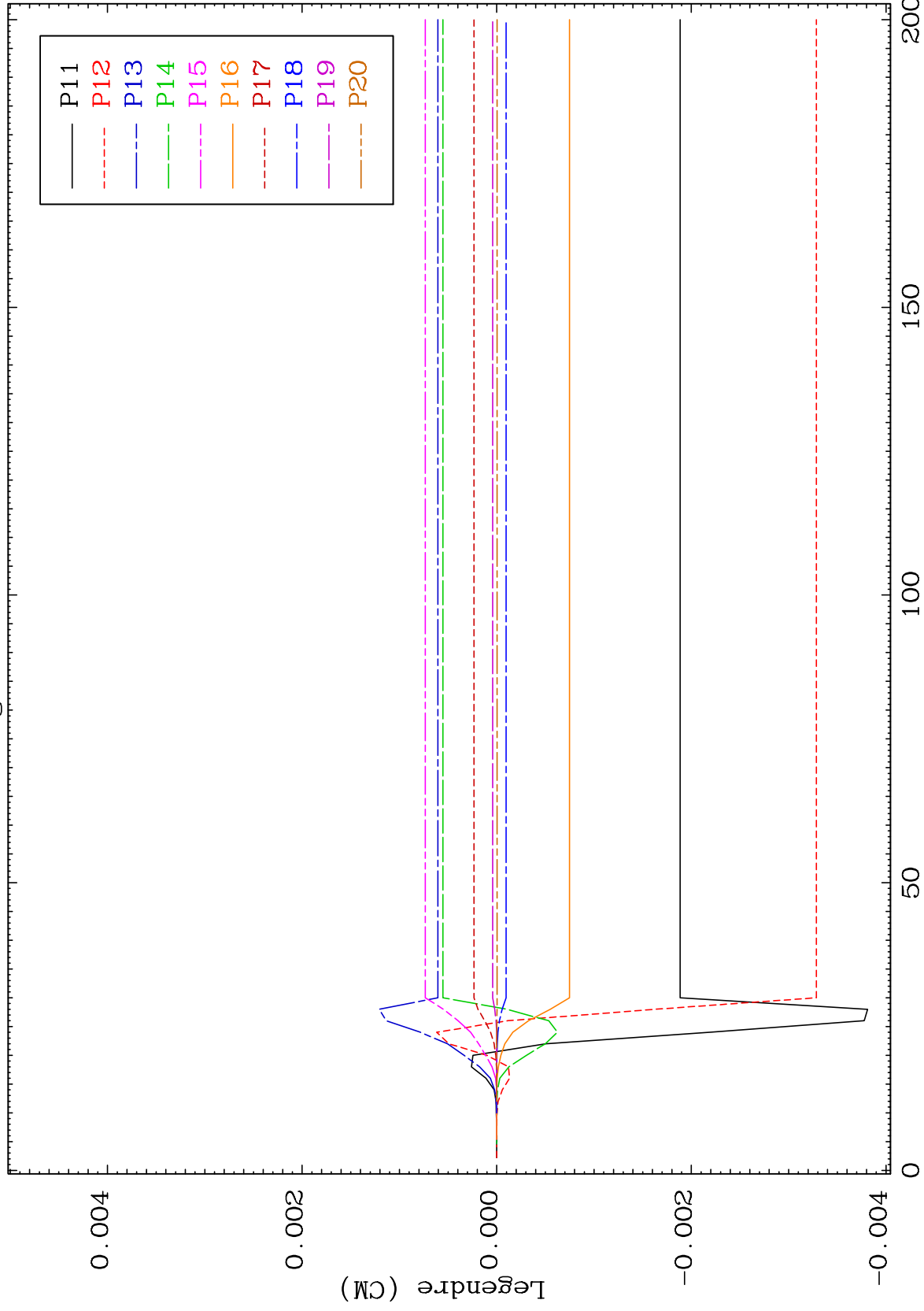
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83-Bi-194

MAT 8280

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

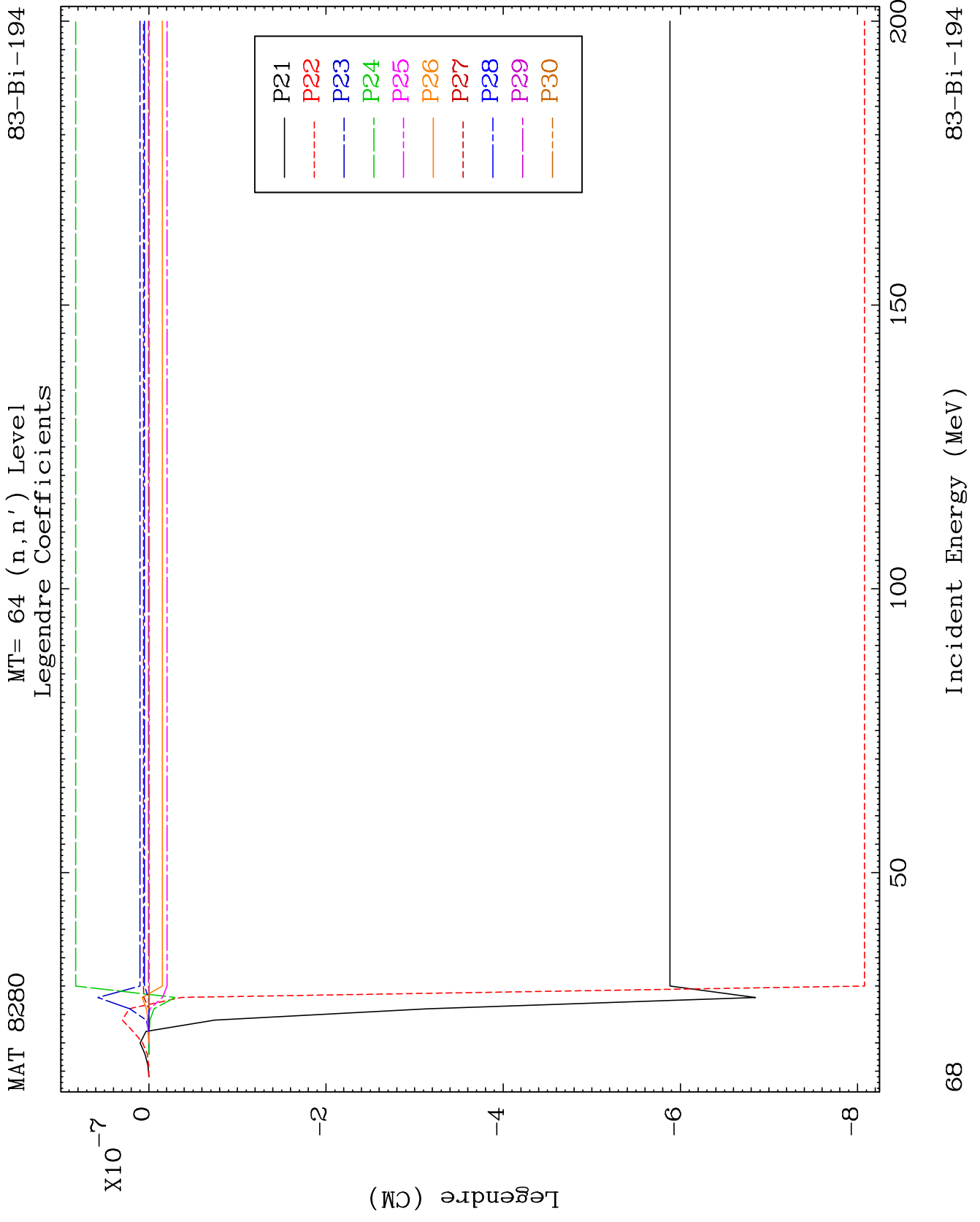
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67

Incident Energy (MeV)

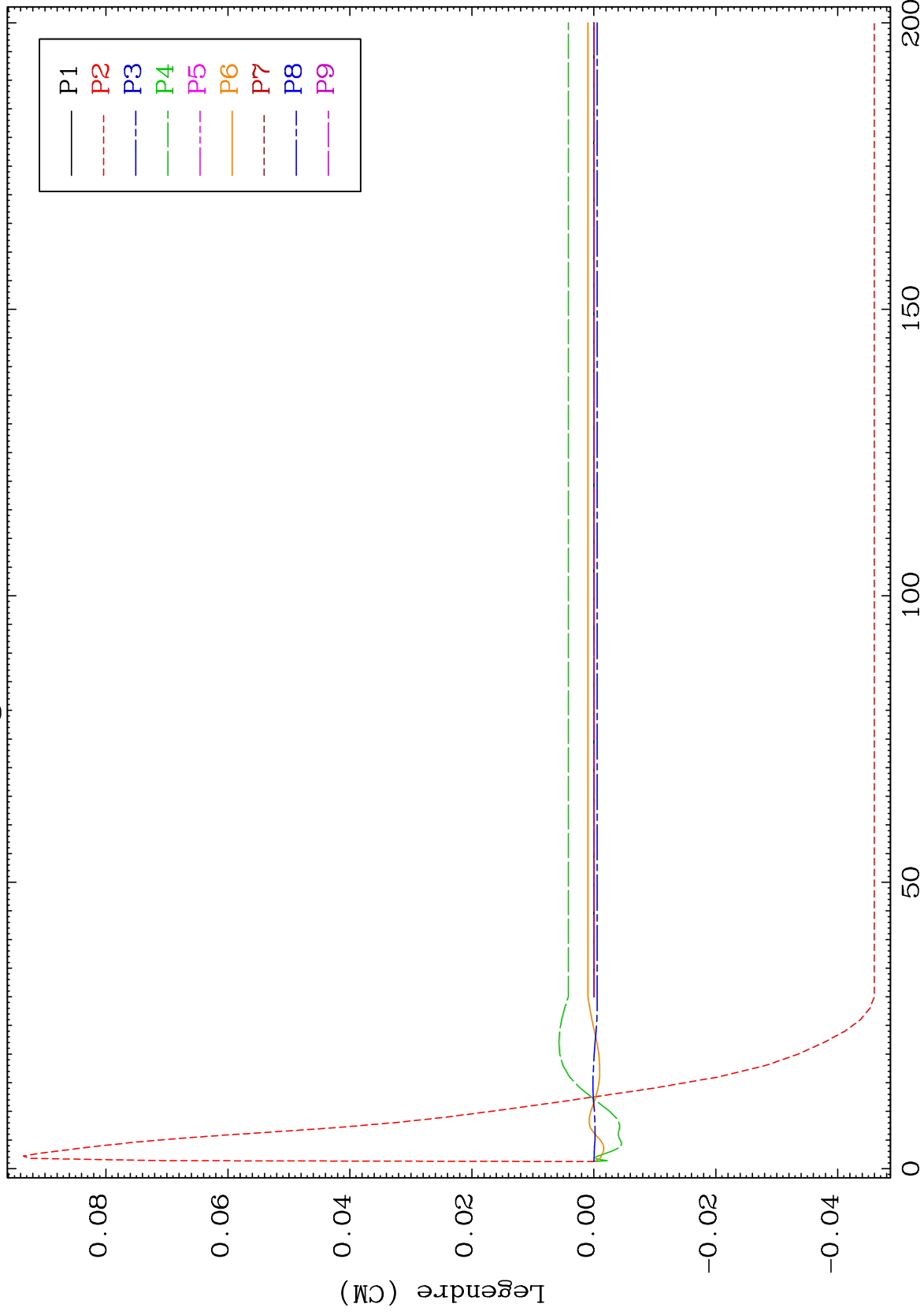
83-Bi-194



MAT 8280

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

83-Bi-194



69

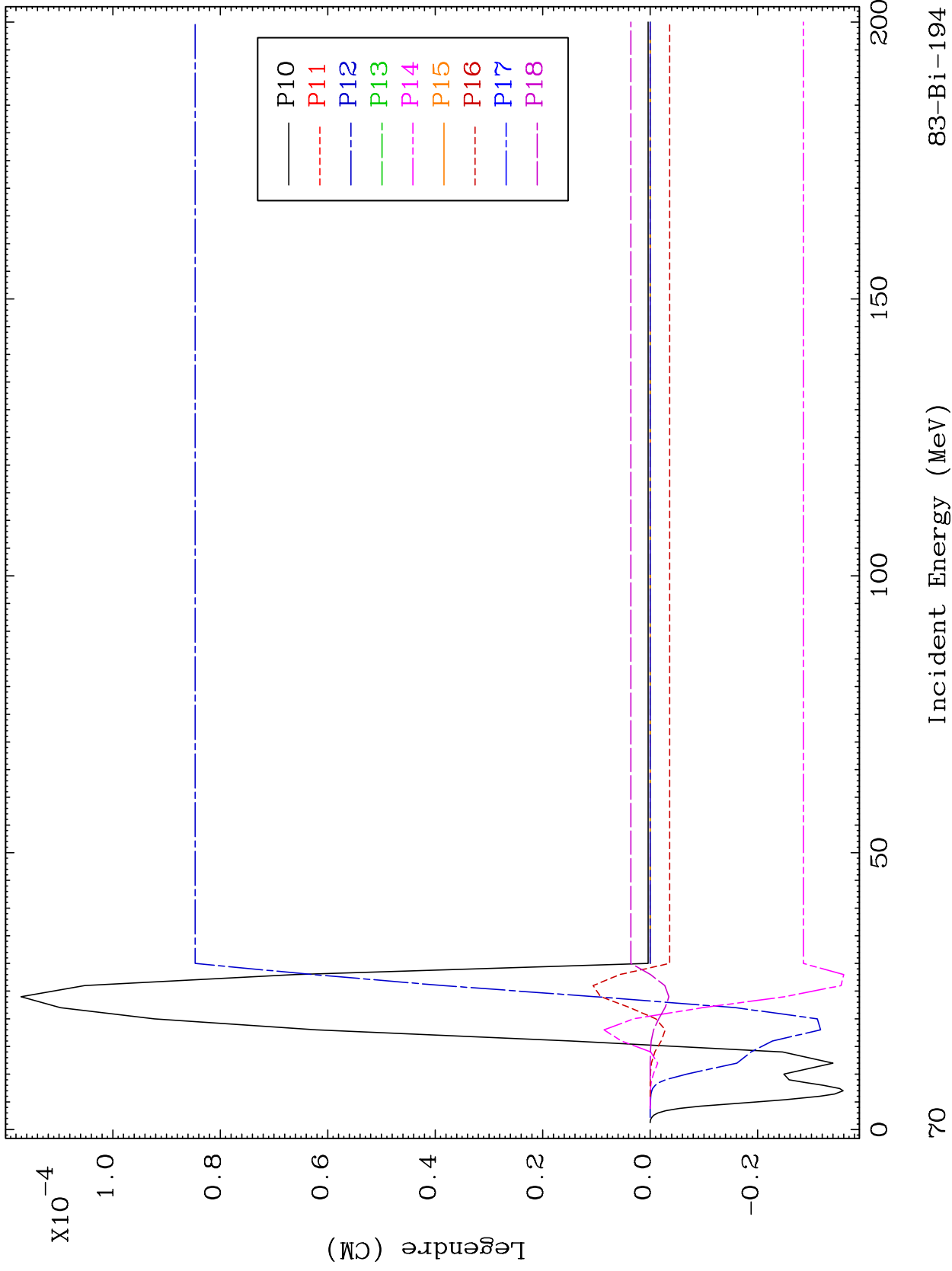
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

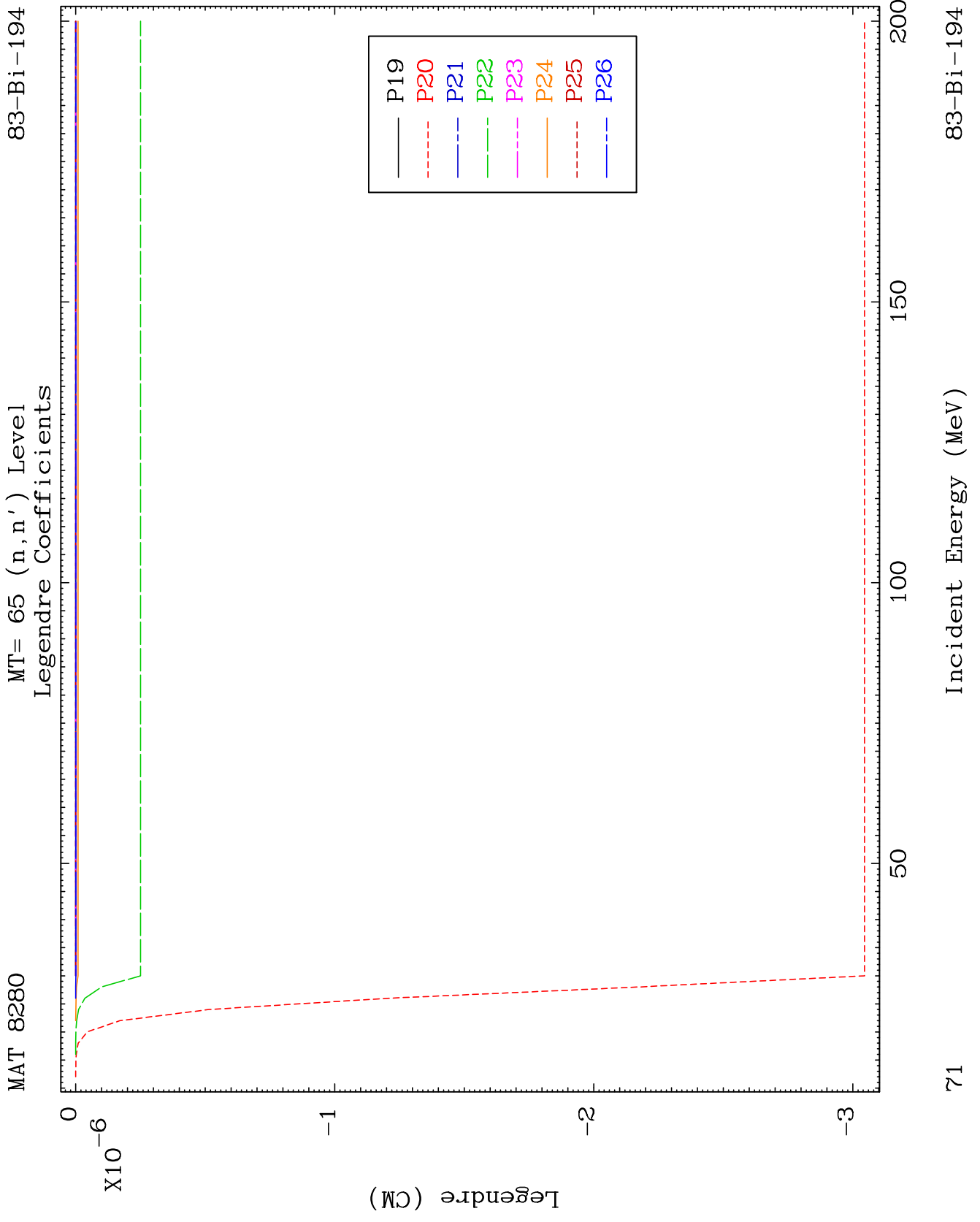
83-Bi-194



83-Bi-194

Incident Energy (MeV)

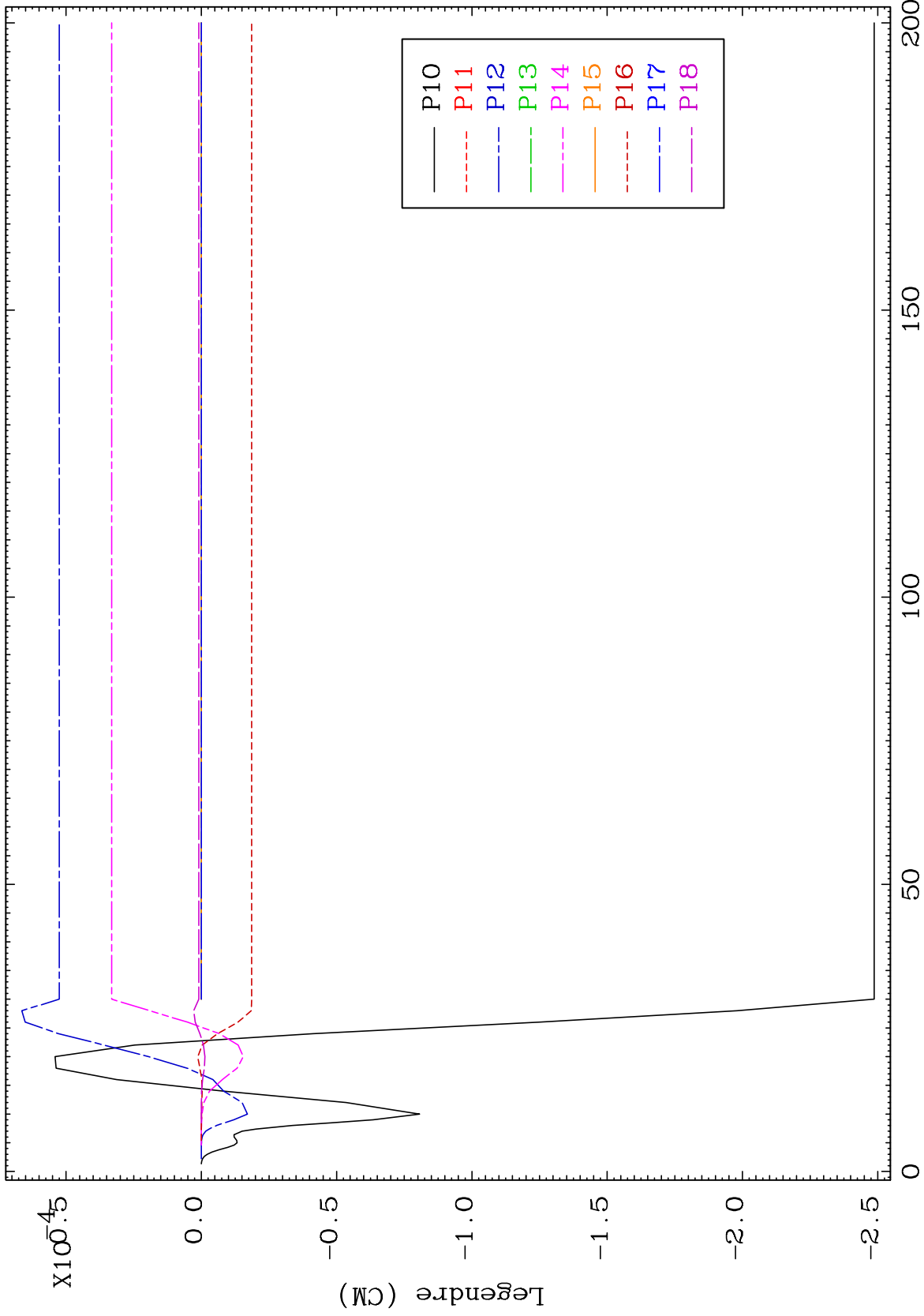
70



MAT 8280

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

83-Bi-194



73

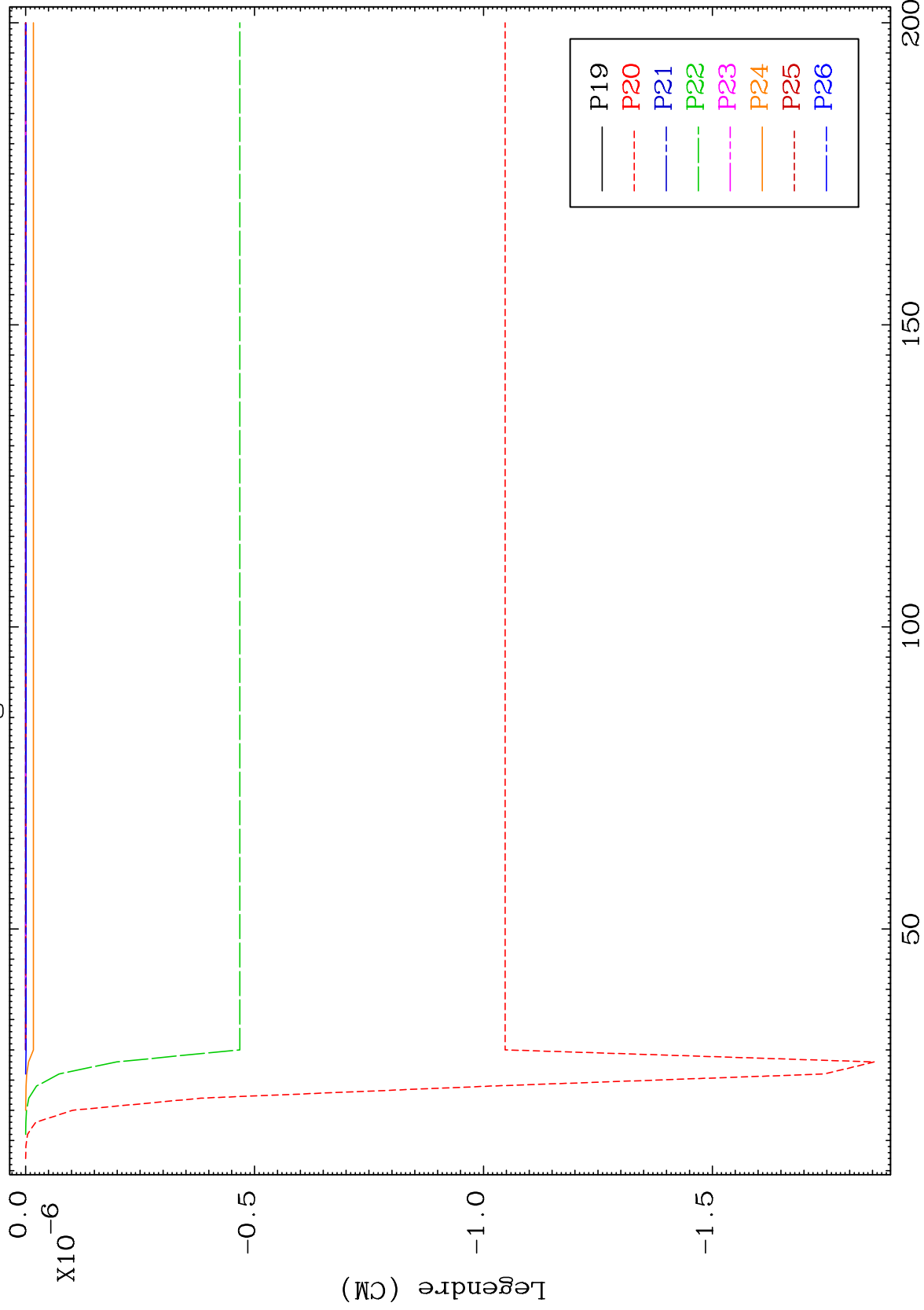
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

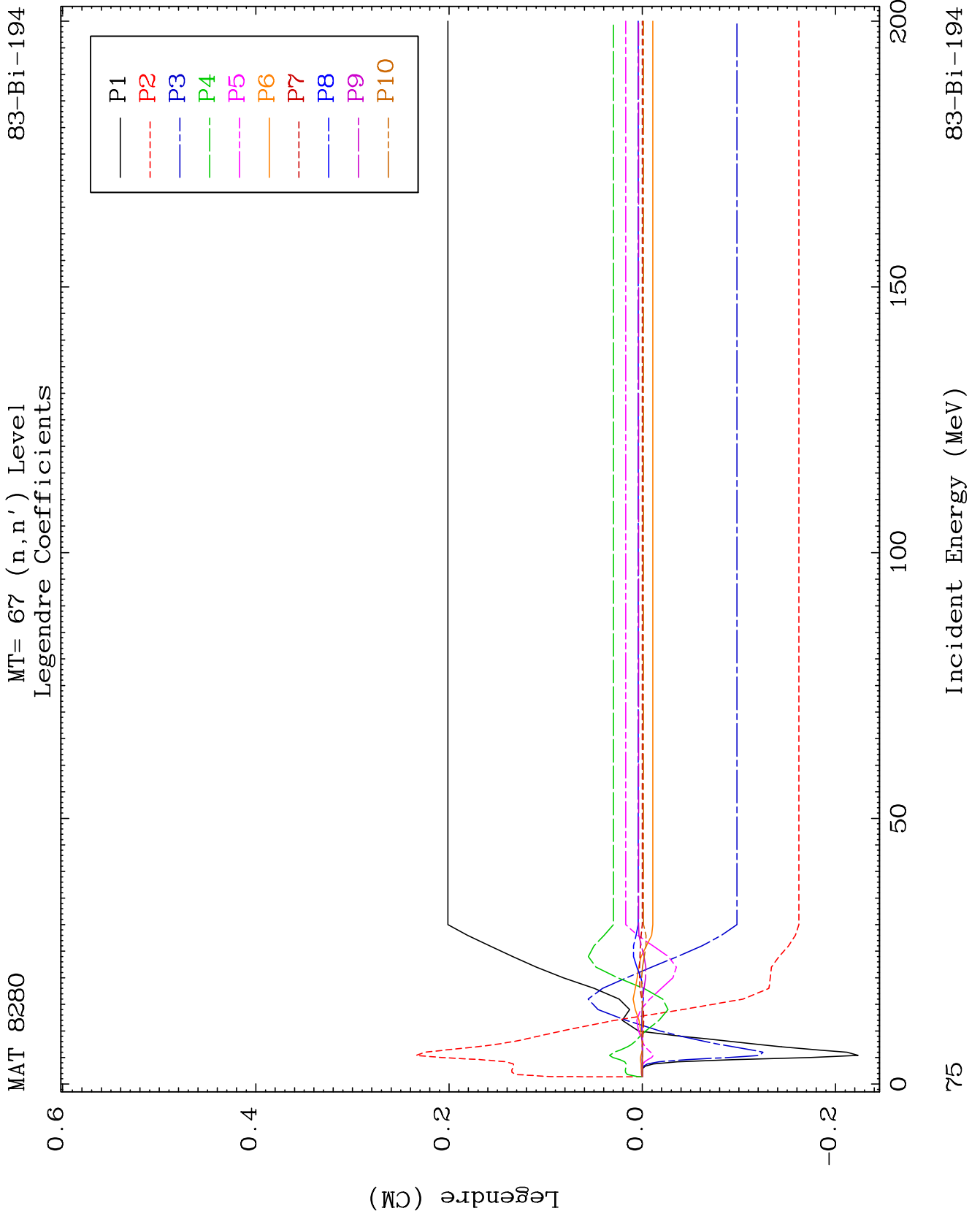
83-Bi-194



74

Incident Energy (MeV)

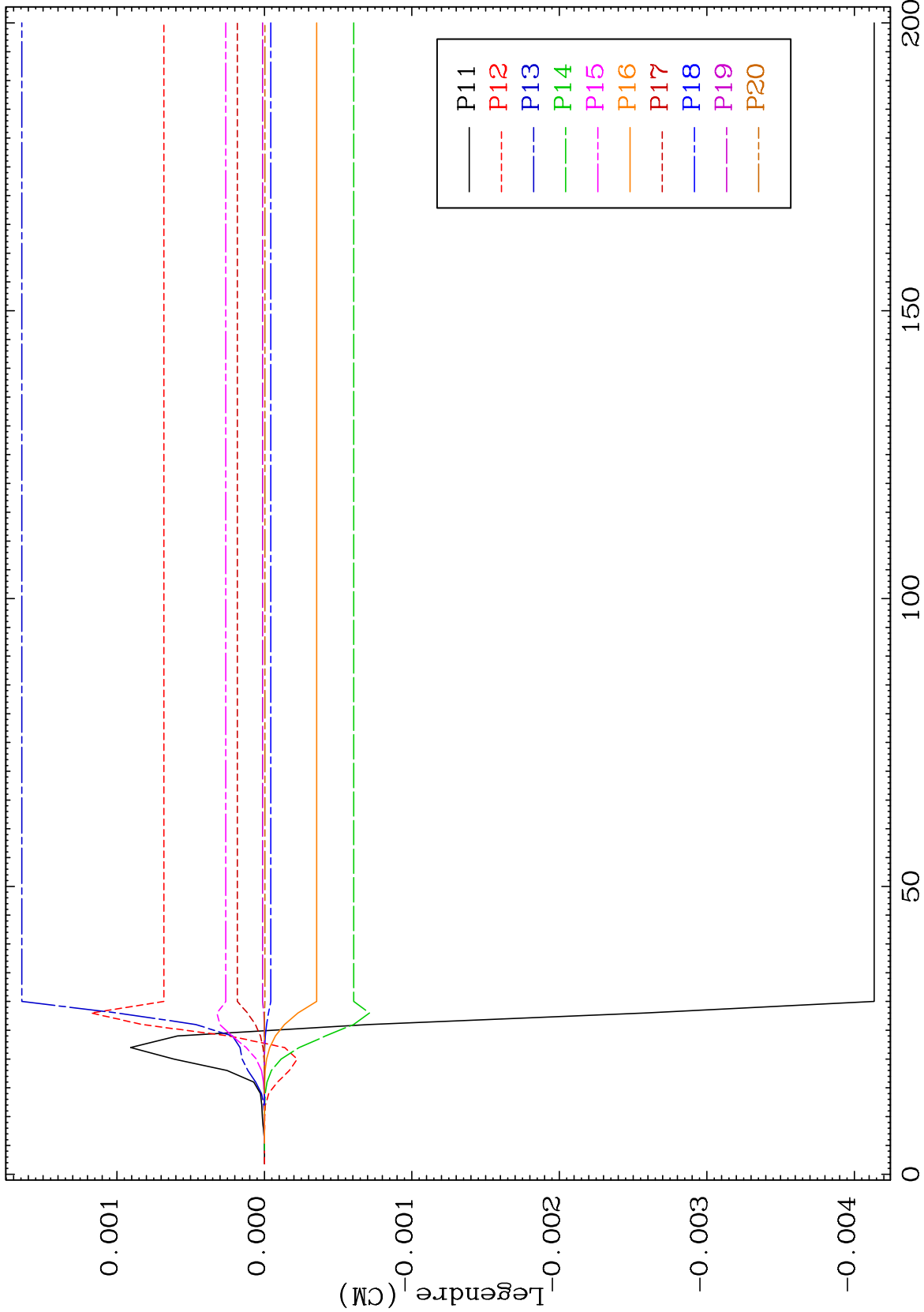
83-Bi-194



MAT 8280

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

83-Bi-194



76

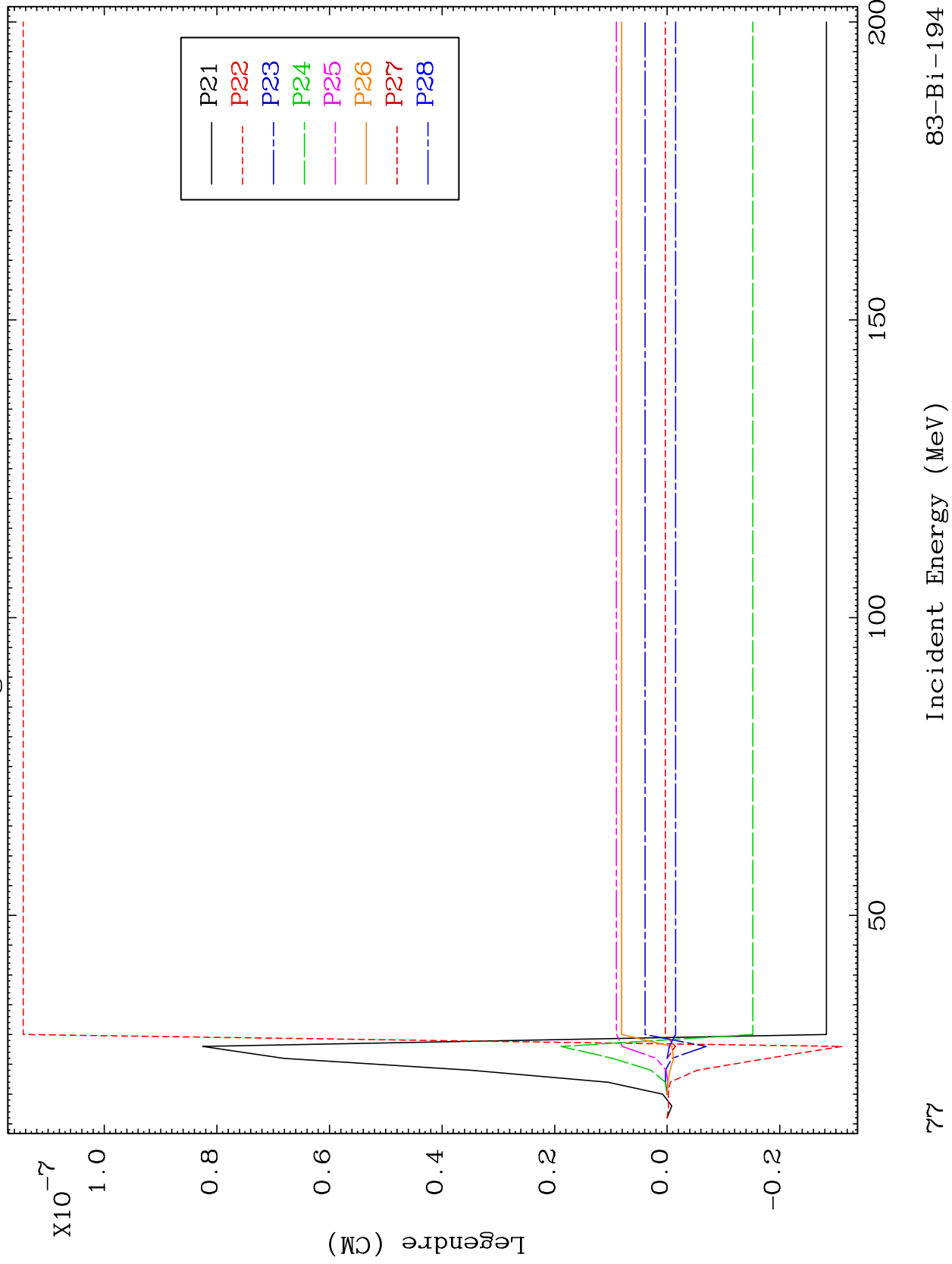
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

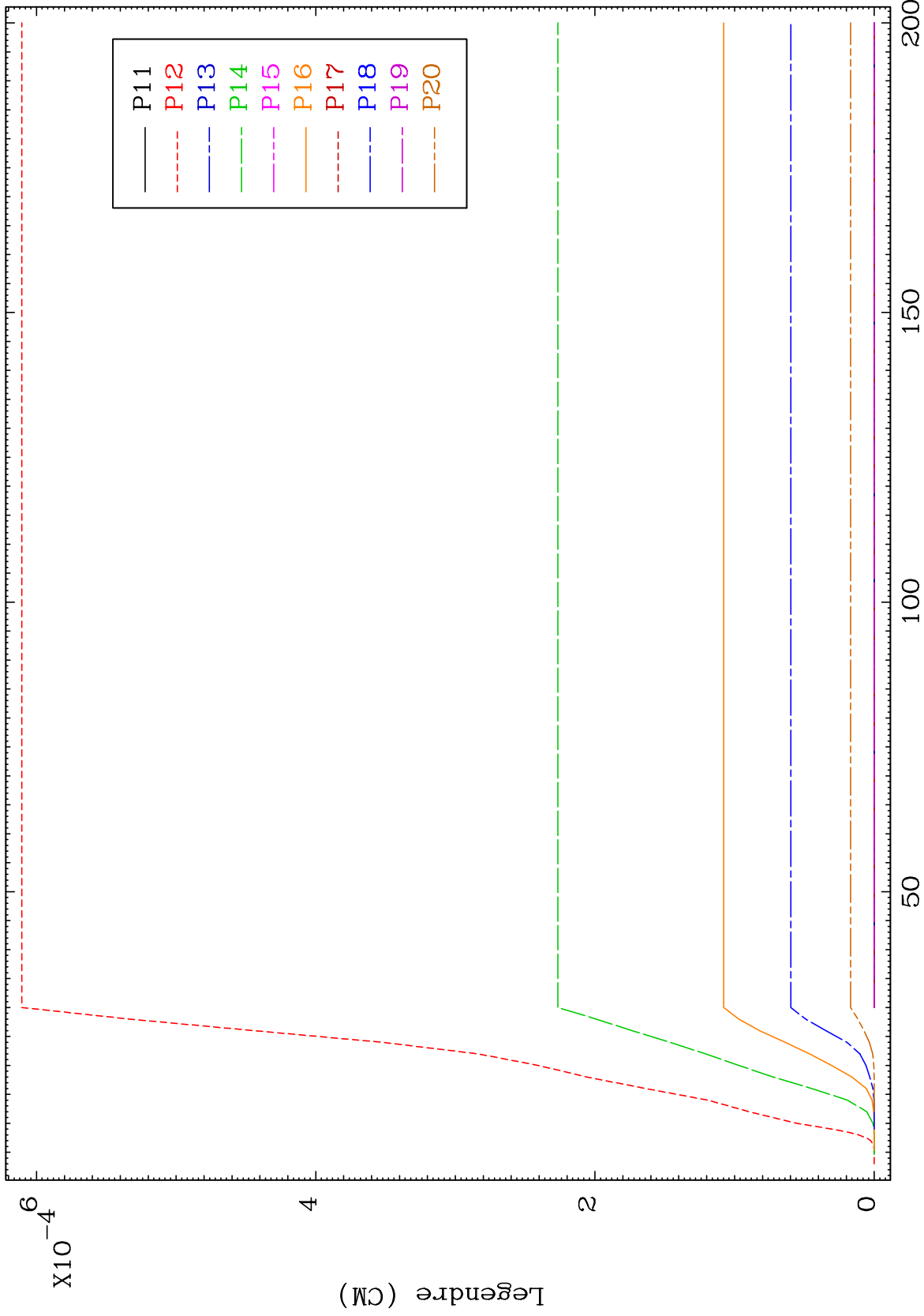
83-Bi-194



MAT 8280

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

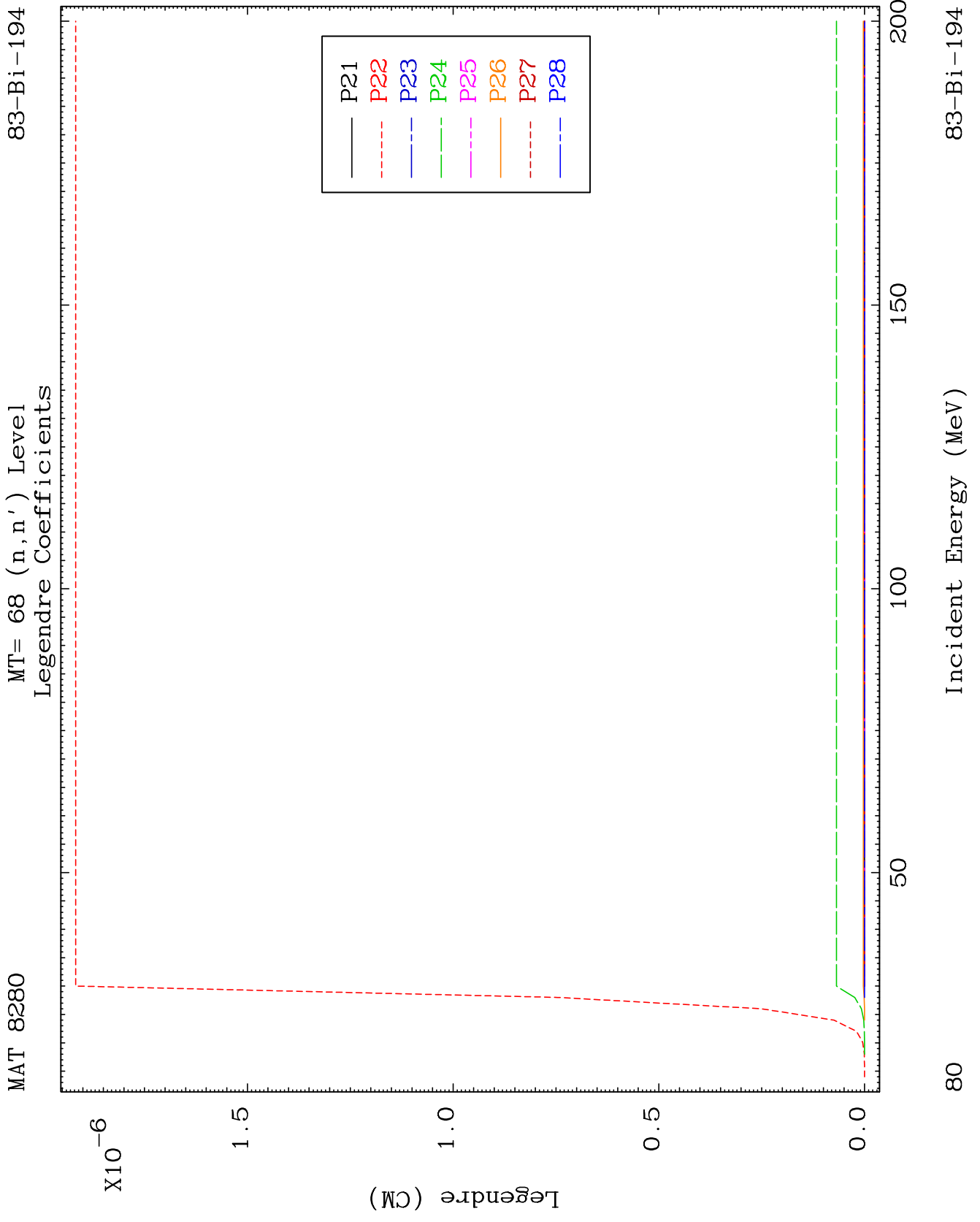
83-Bi-194



79

Incident Energy (MeV)

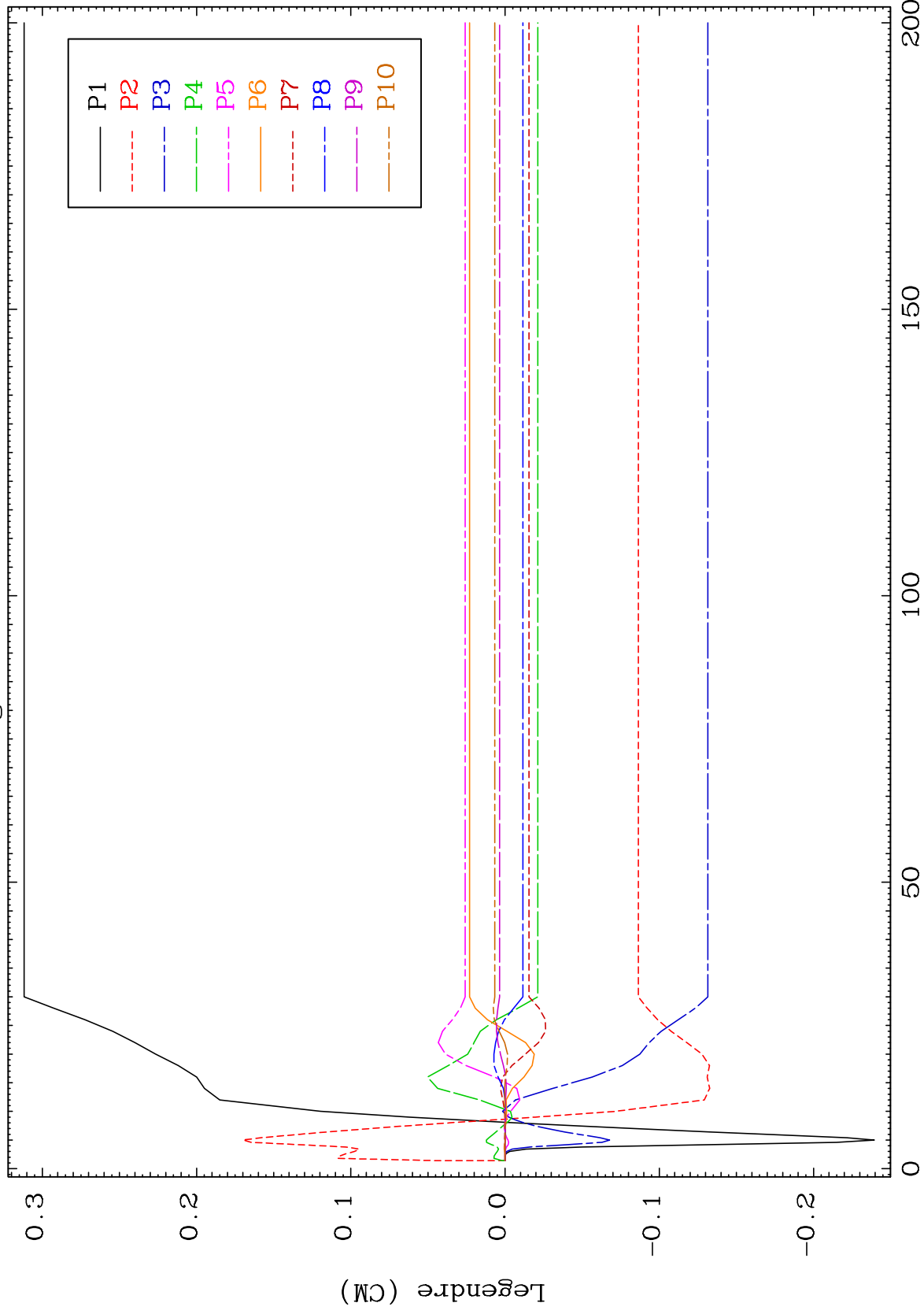
83-Bi-194



MAT 8280

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

83-Bi-194



81

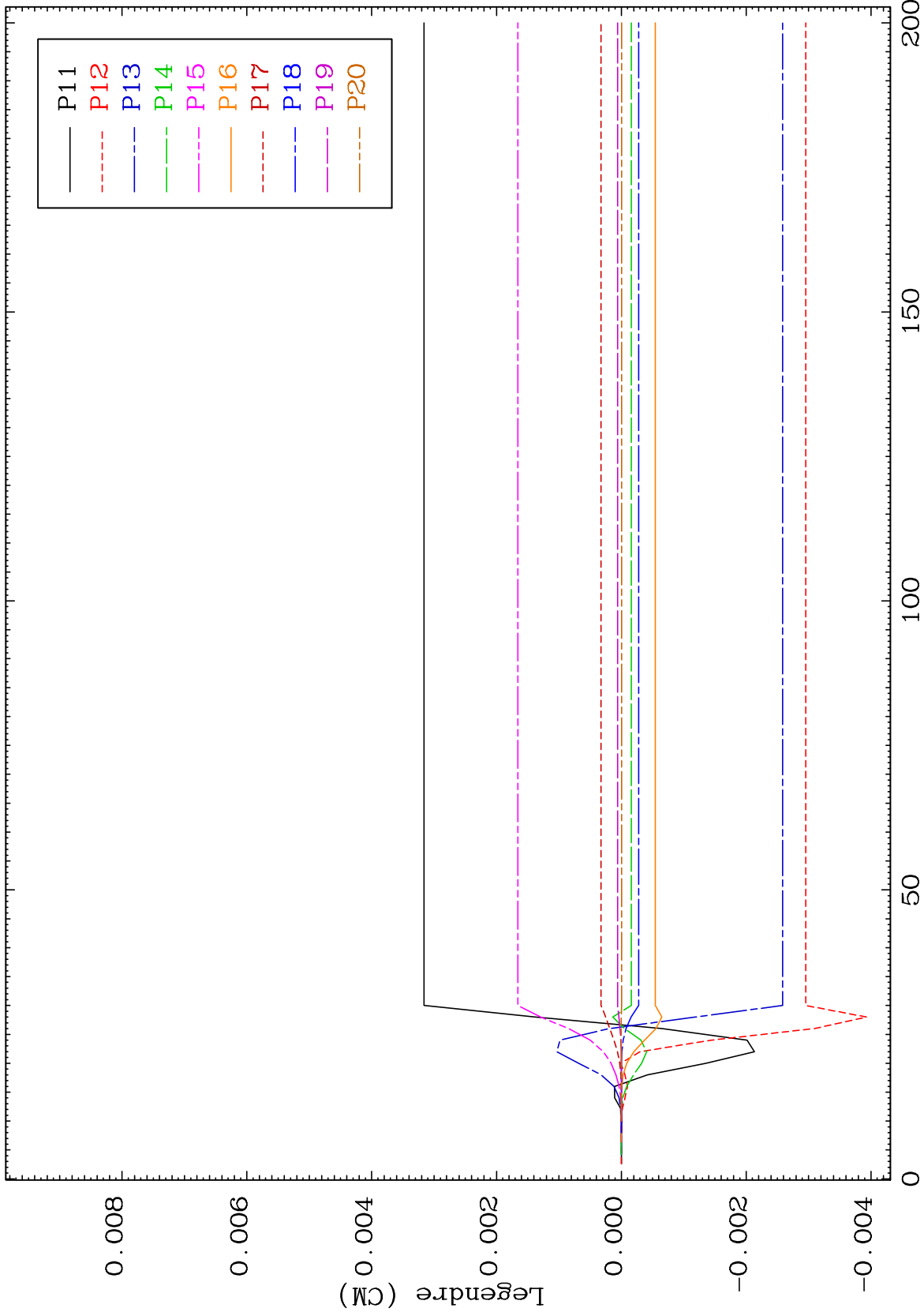
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



82

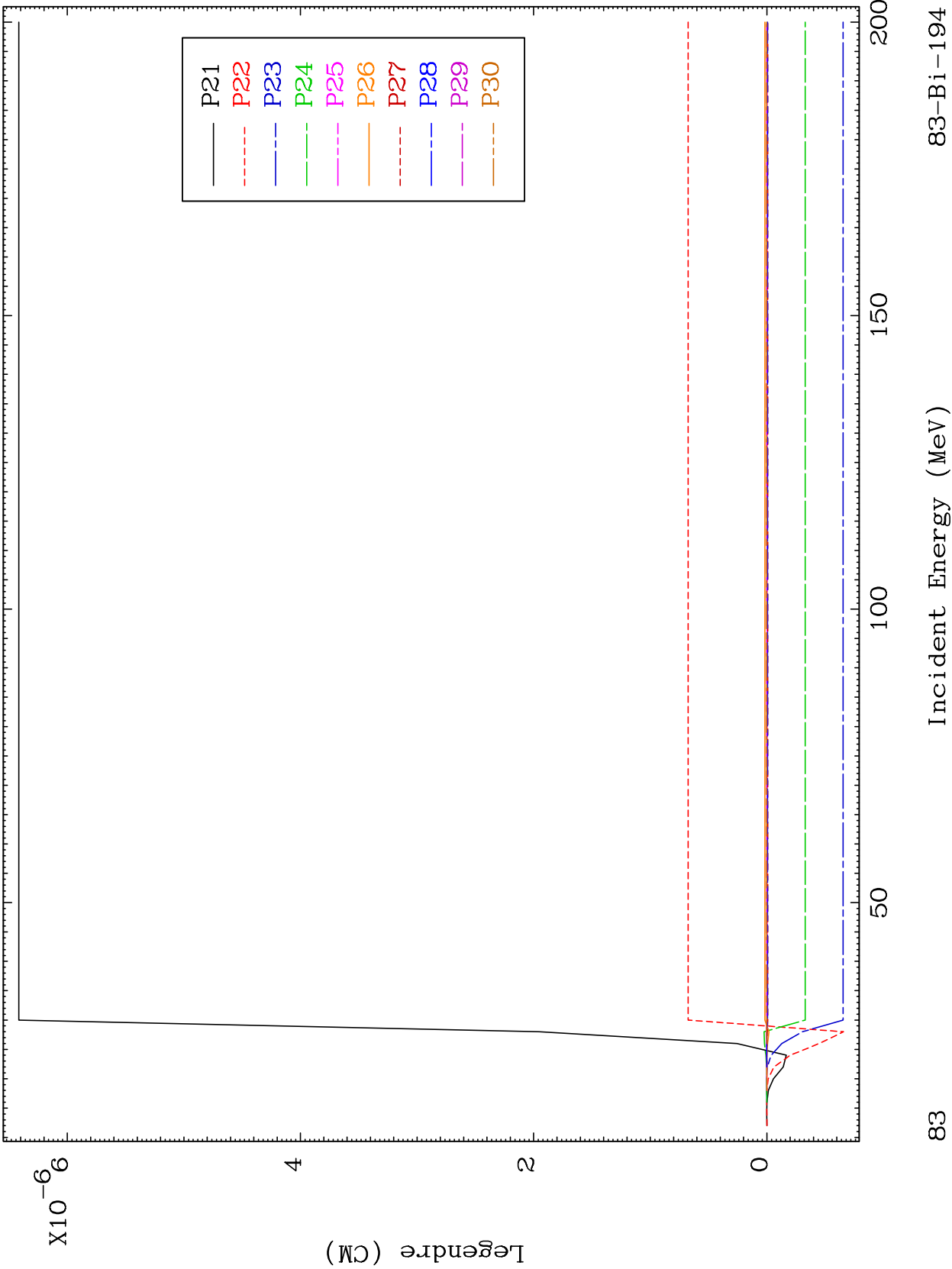
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



83

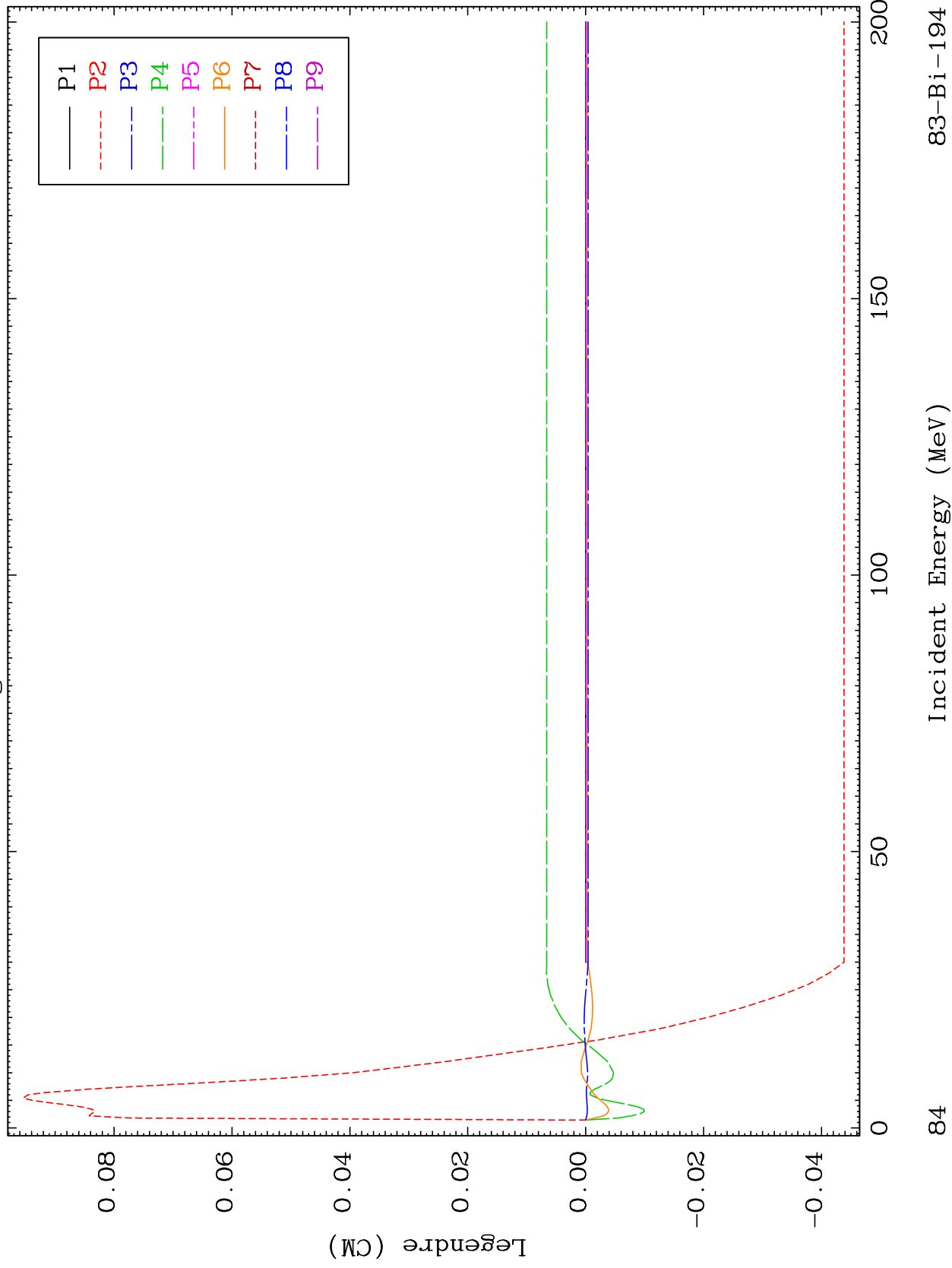
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



83-Bi-194

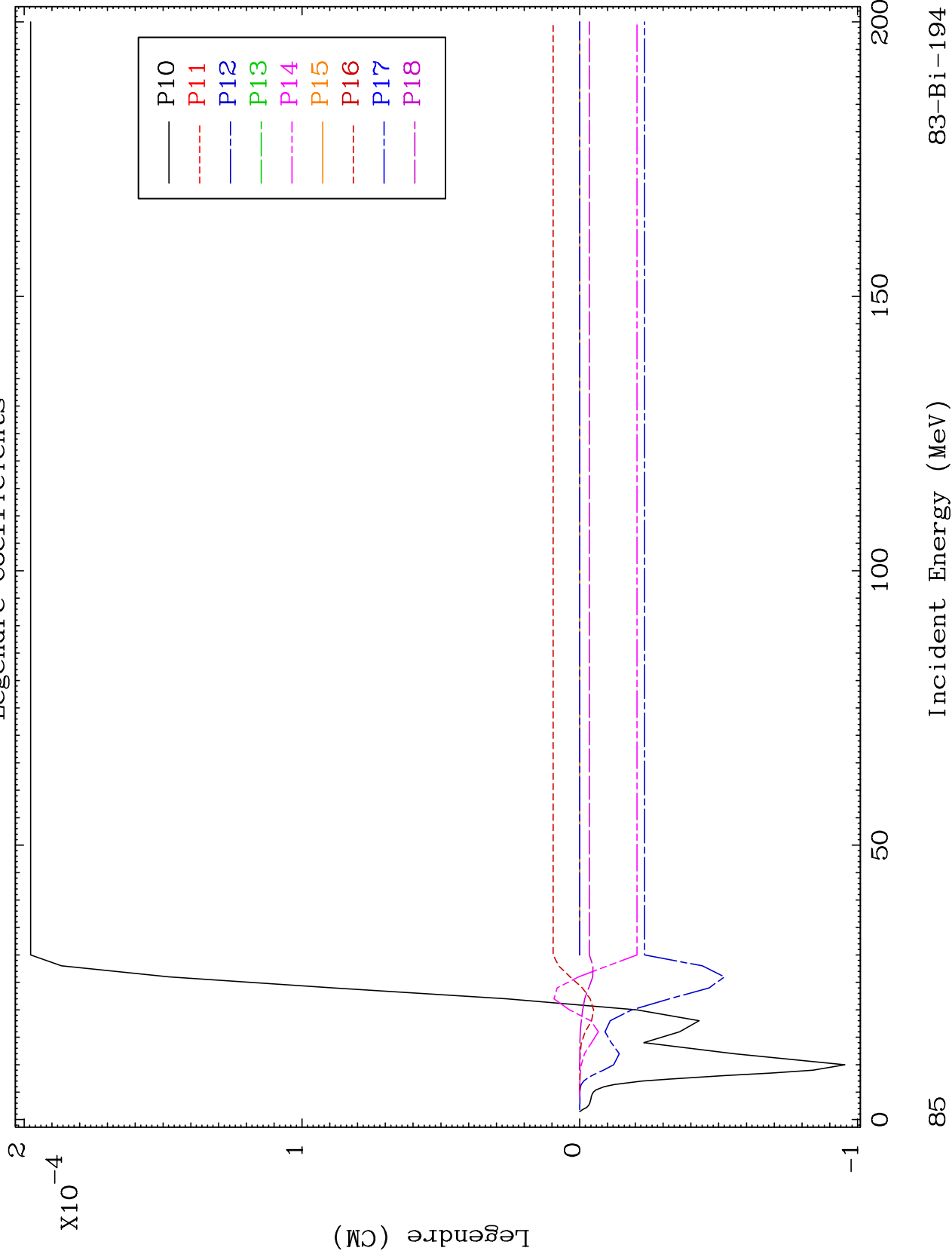
Incident Energy (MeV)

84

MAT 8280

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

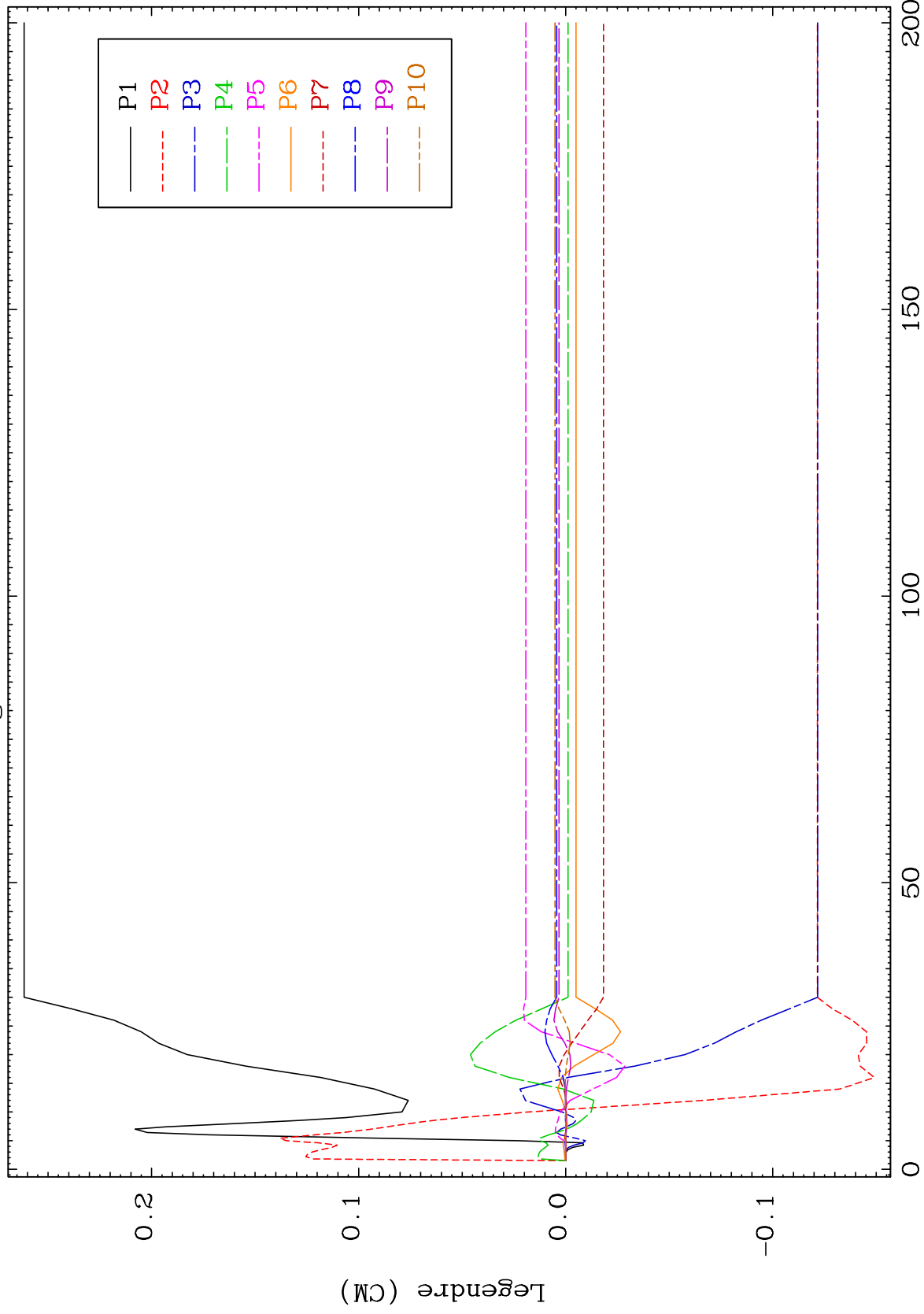
83-Bi-194



MAT 8280

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

83-Bi-194



87

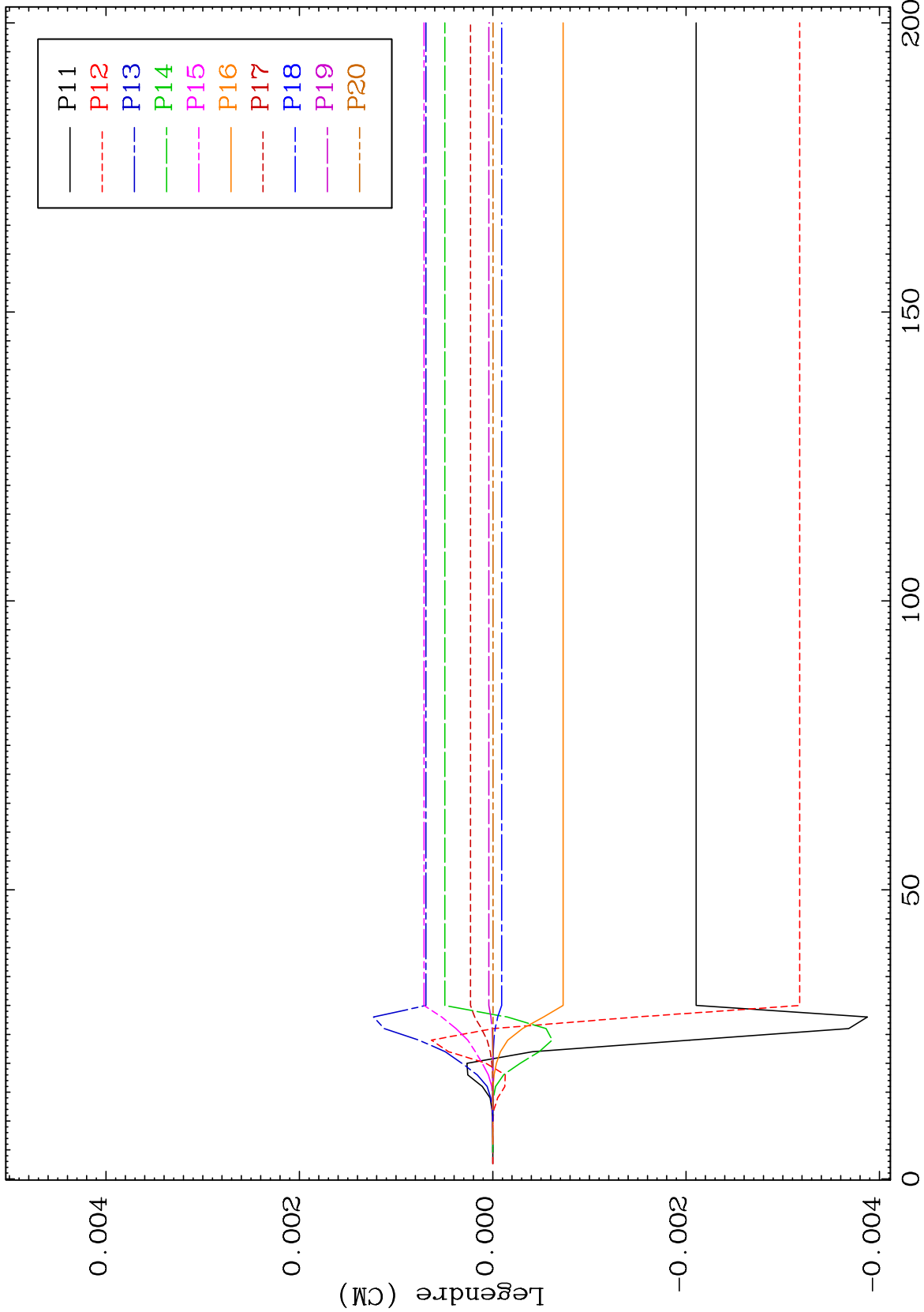
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



88

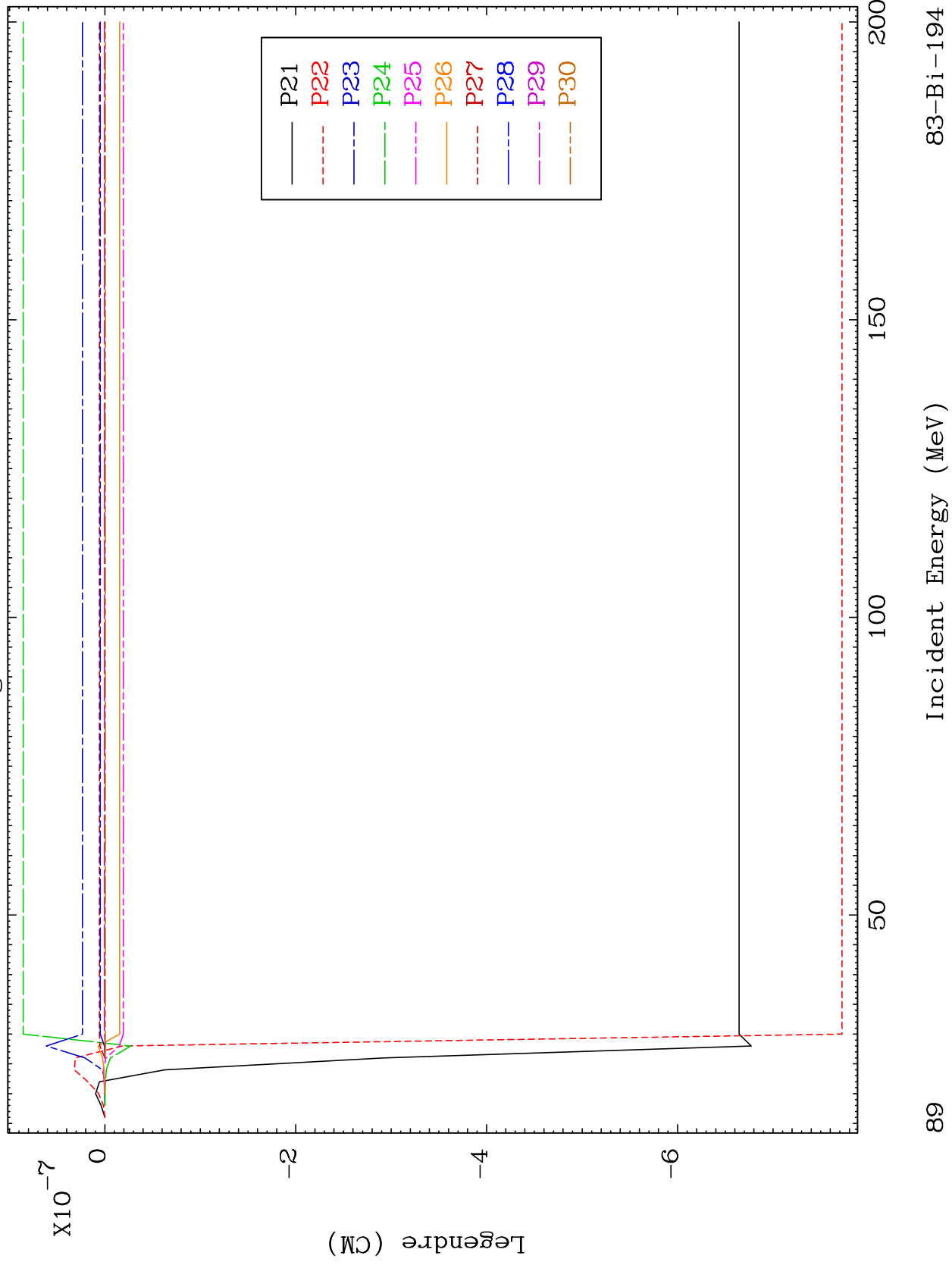
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

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



89

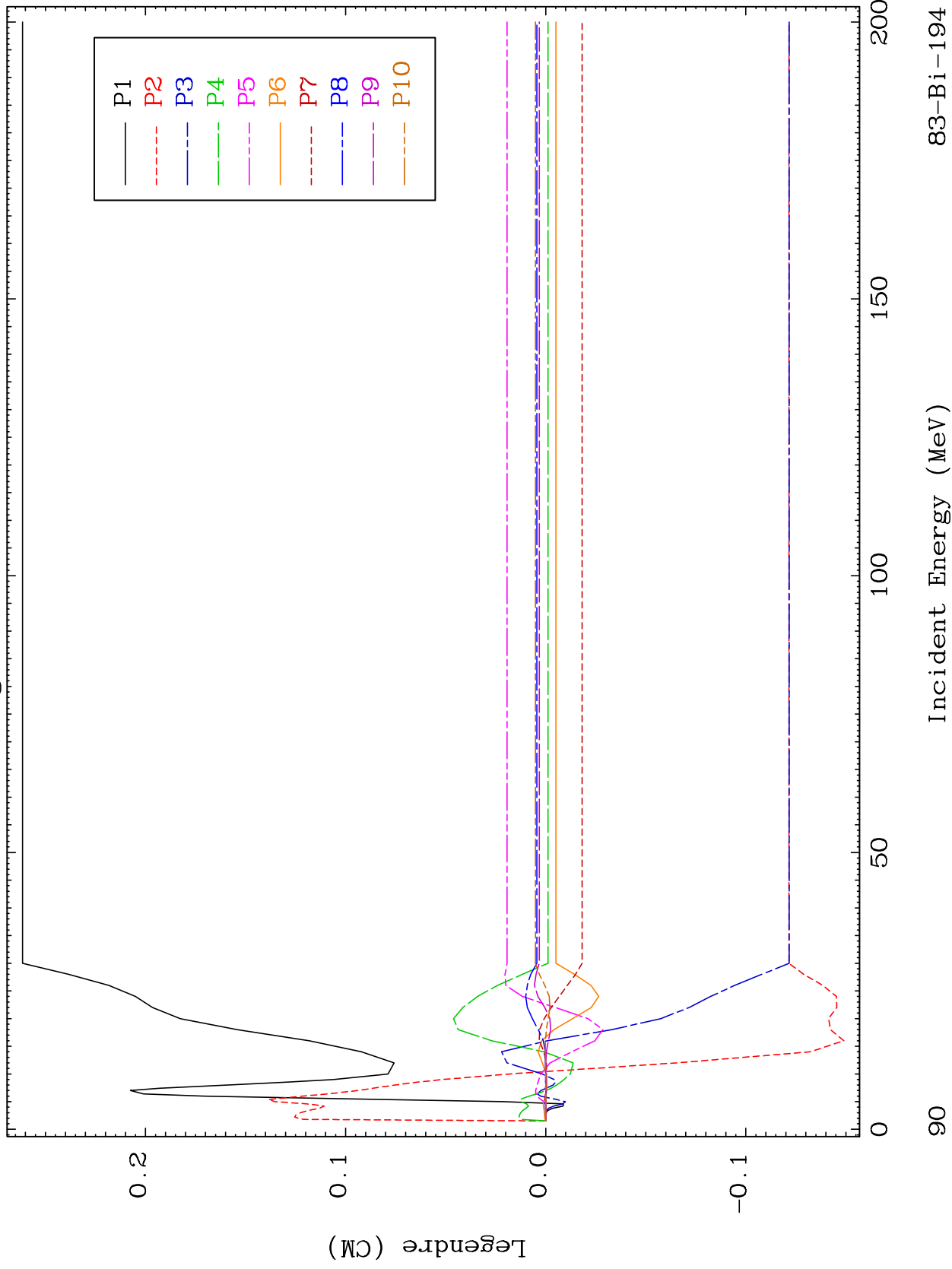
83-Bi-194

Incident Energy (MeV)

MAT 8280

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

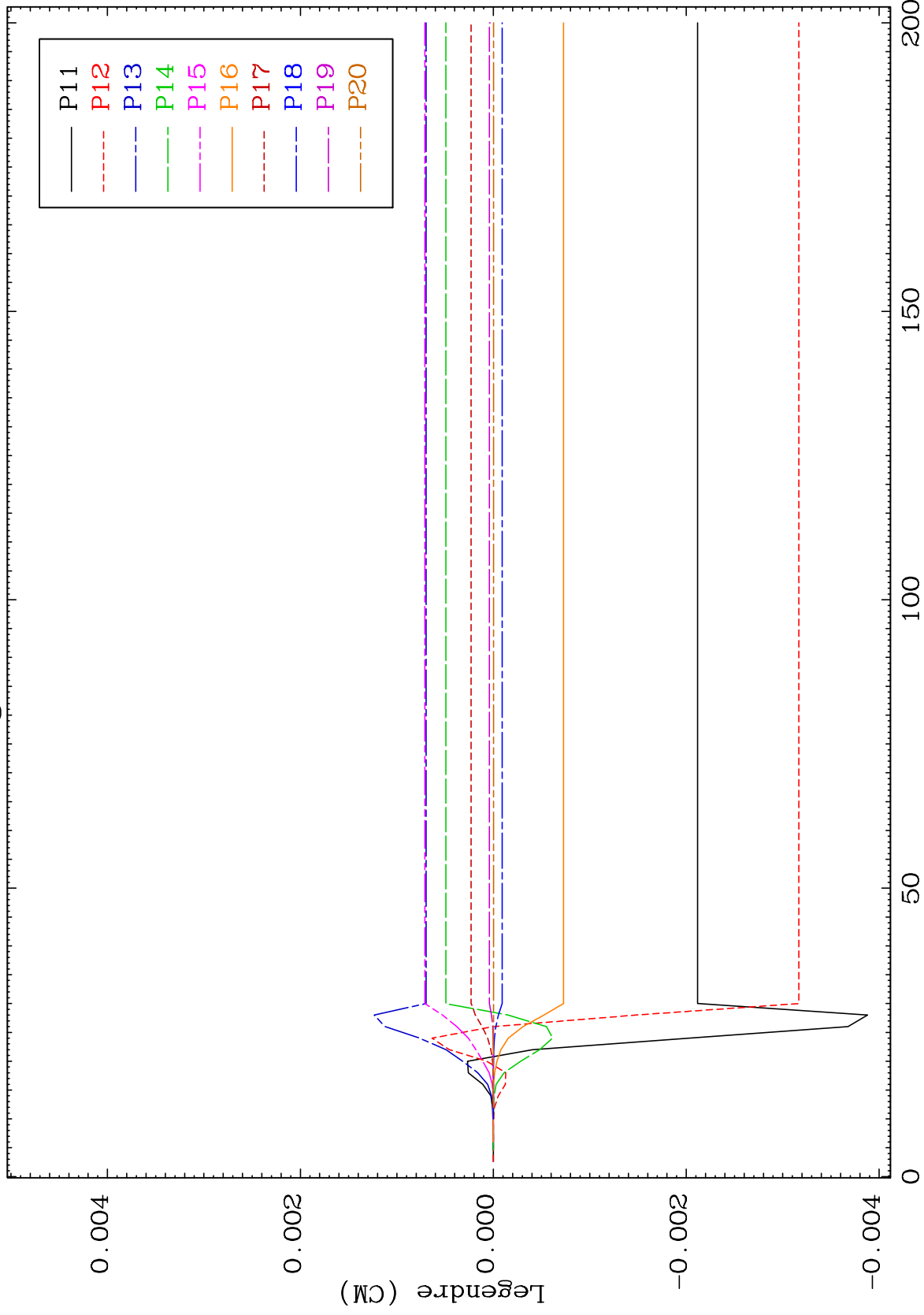
83-Bi-194



MAT 8280

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

83-Bi-194



91

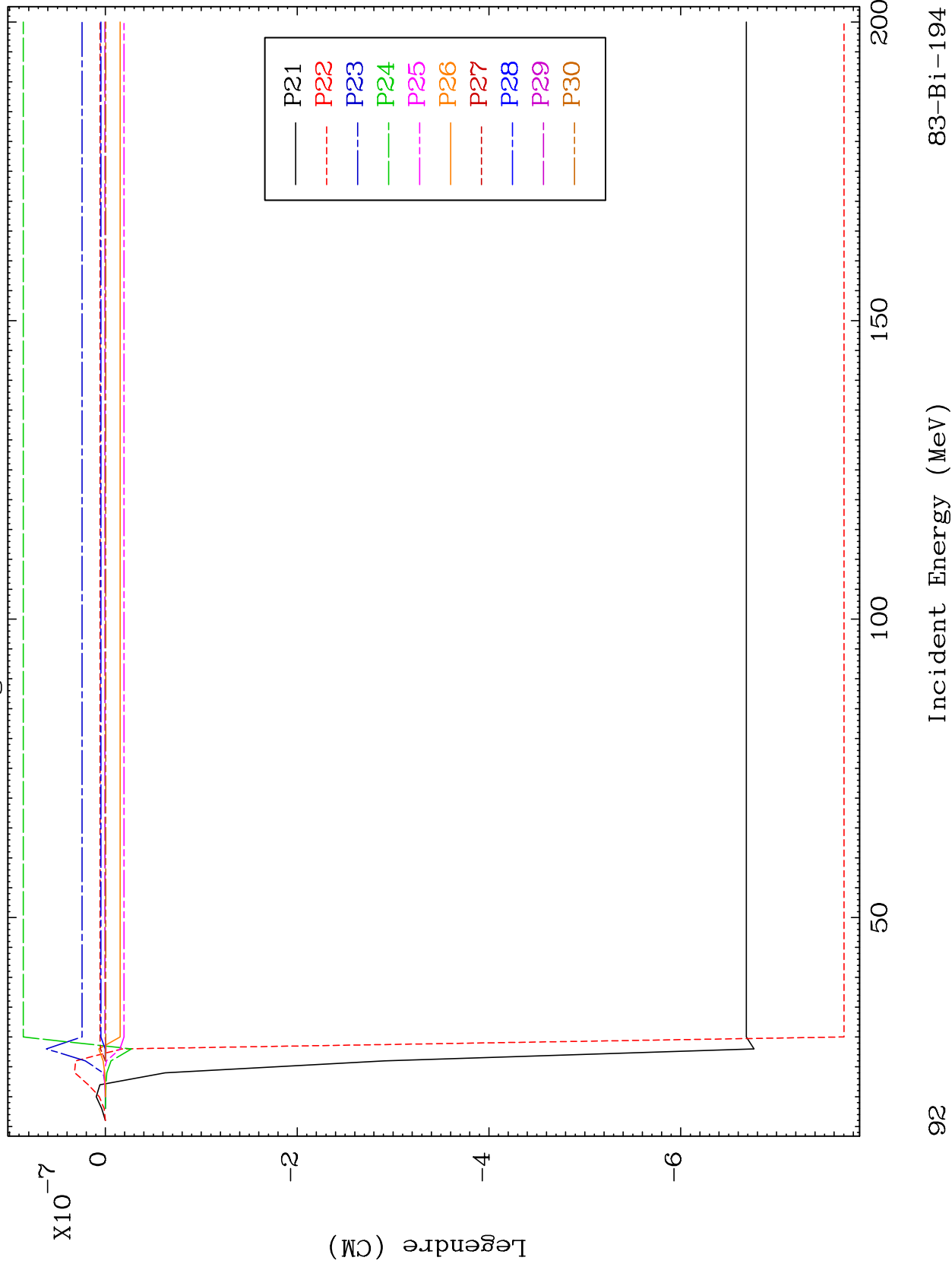
Incident Energy (MeV)

83-Bi-194

MAT 8280

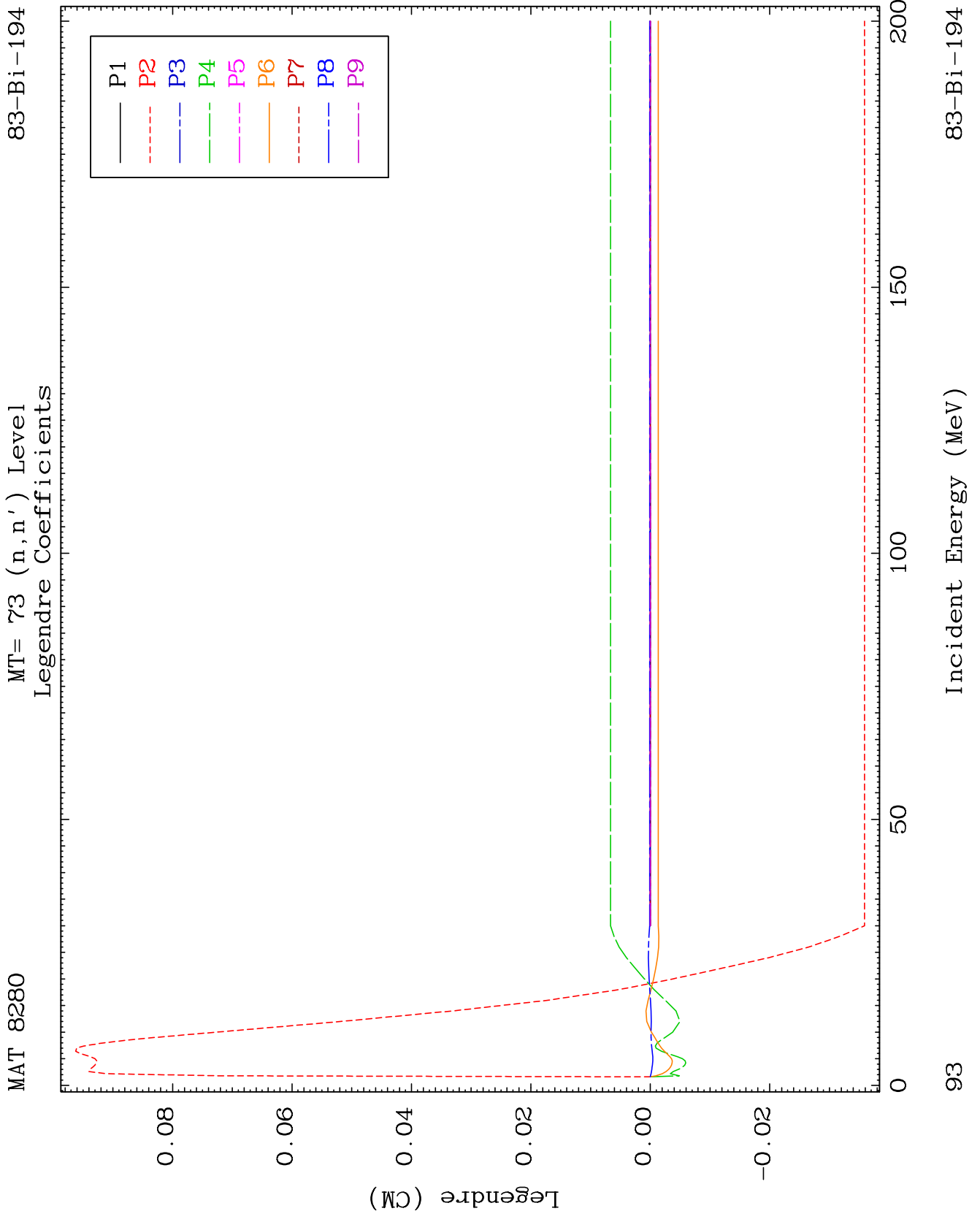
83-Bi-194

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



92

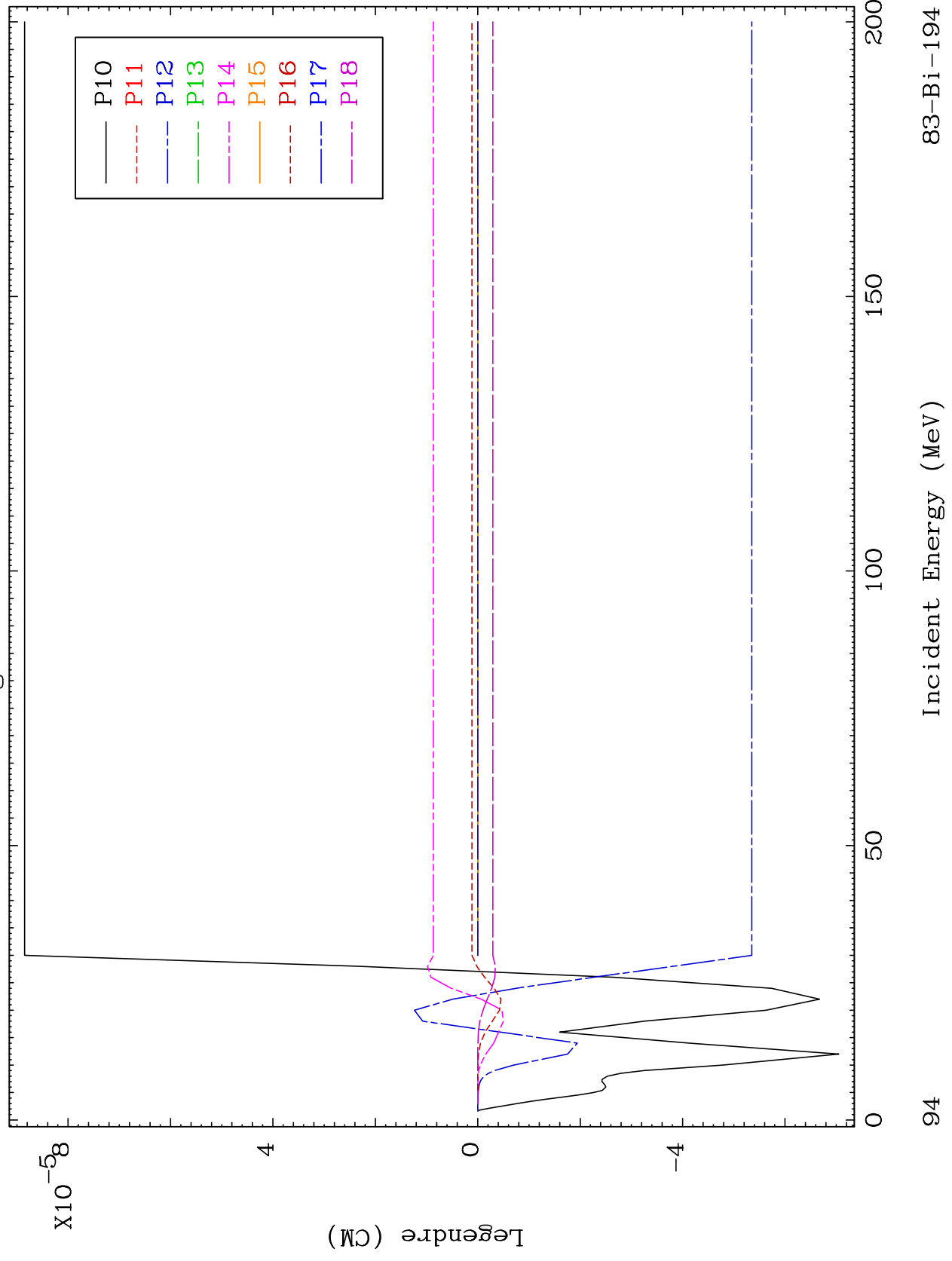
83-Bi-194

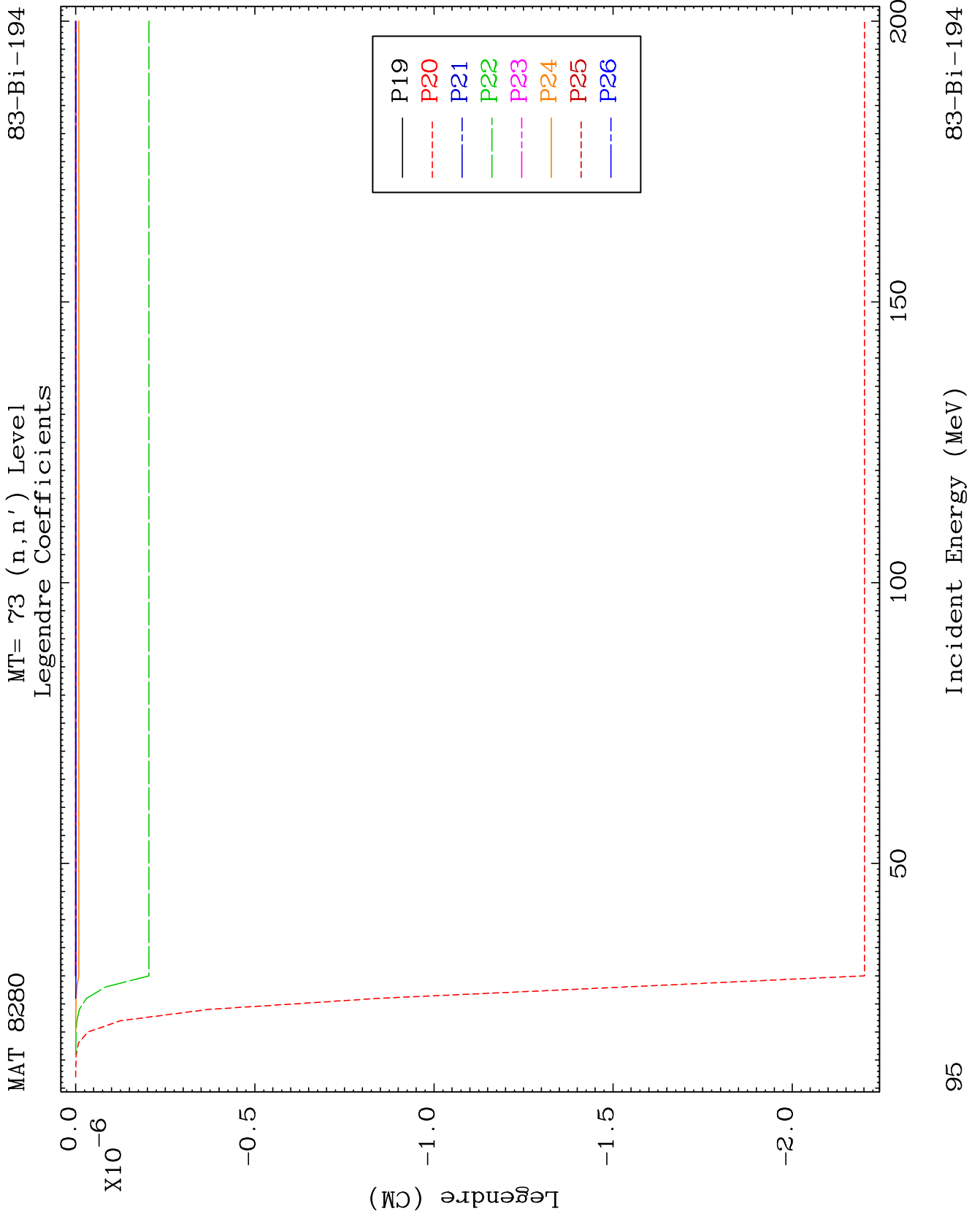


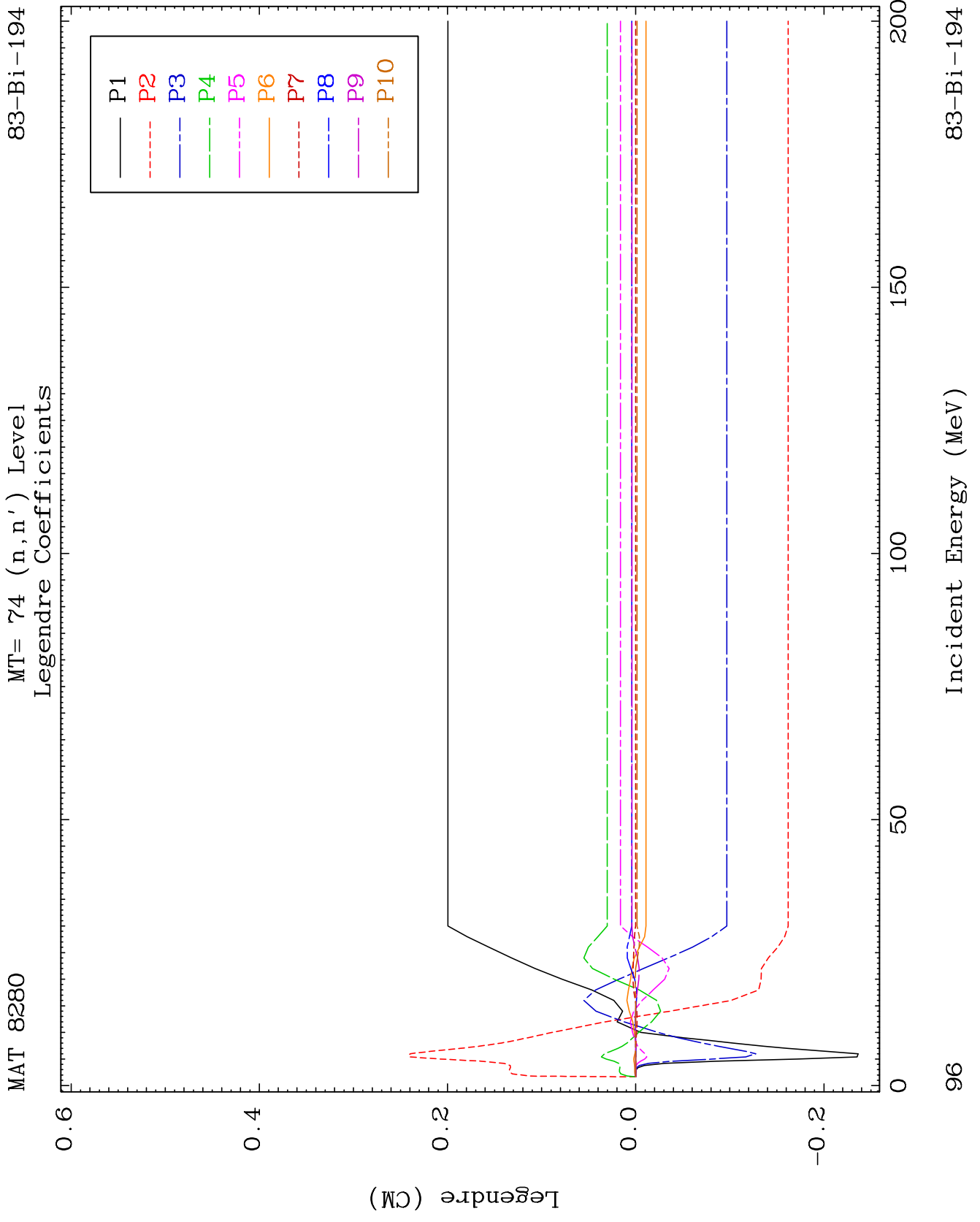
MAT 8280

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

83-Bi-194



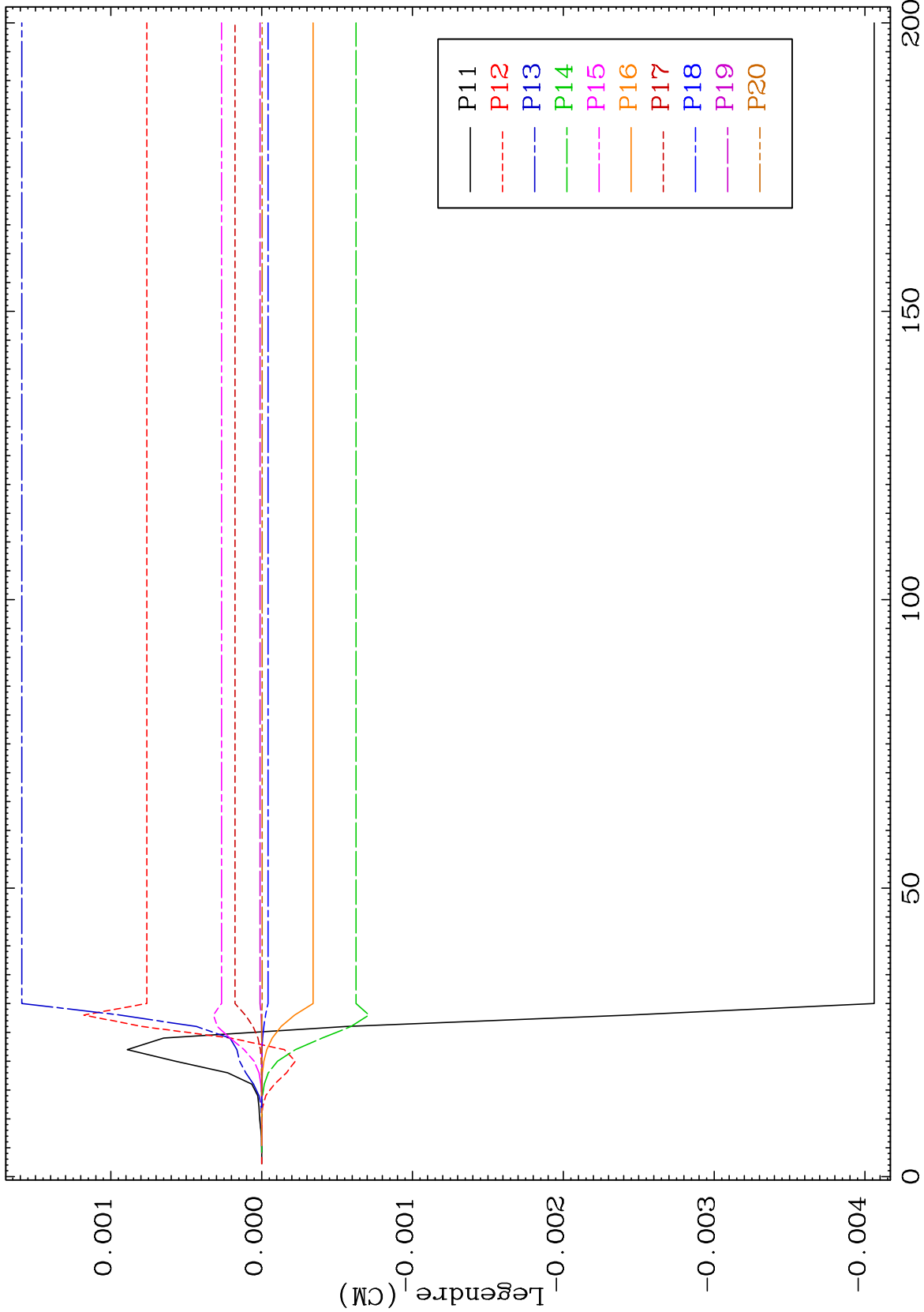




MAT 8280

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

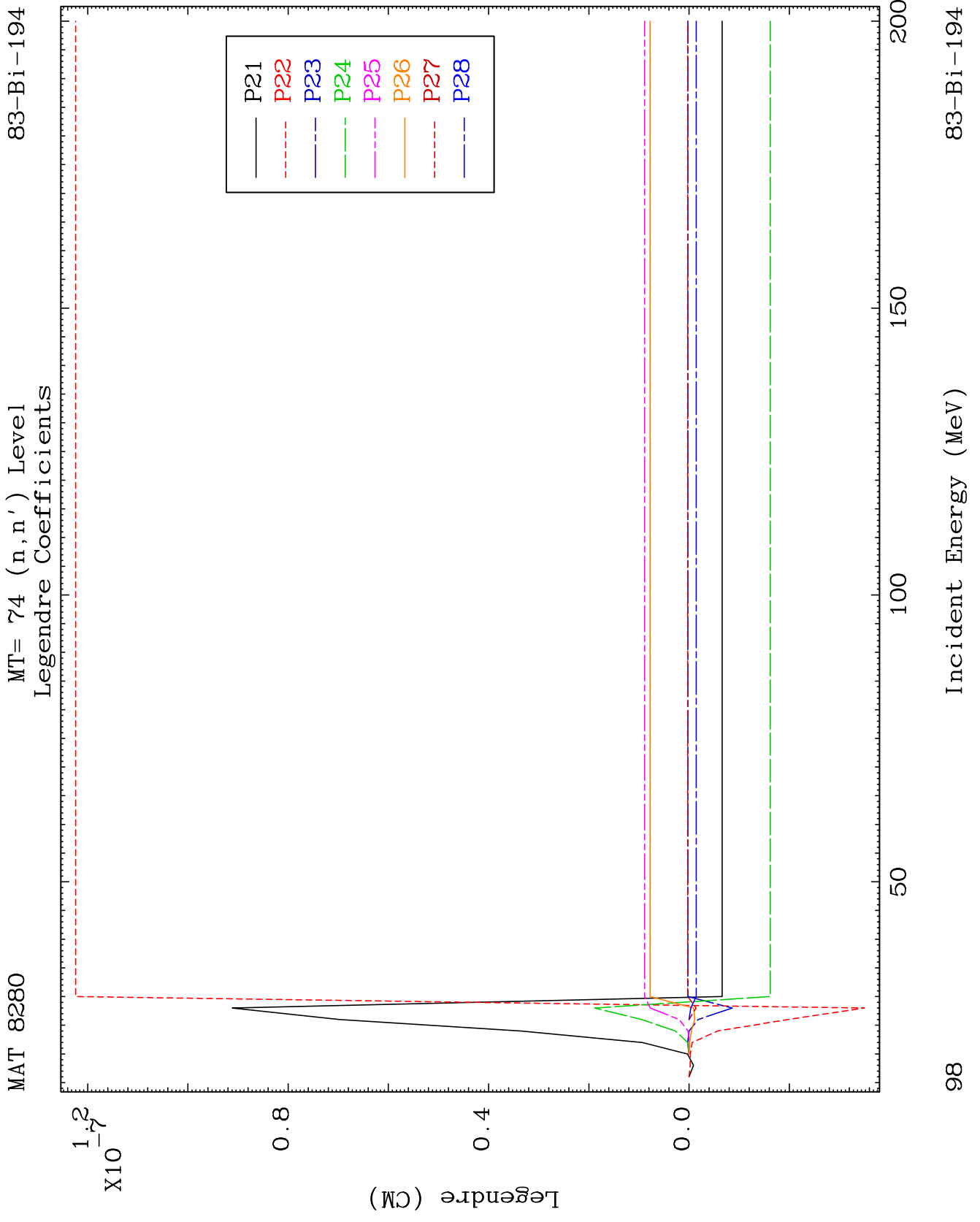
83-Bi-194

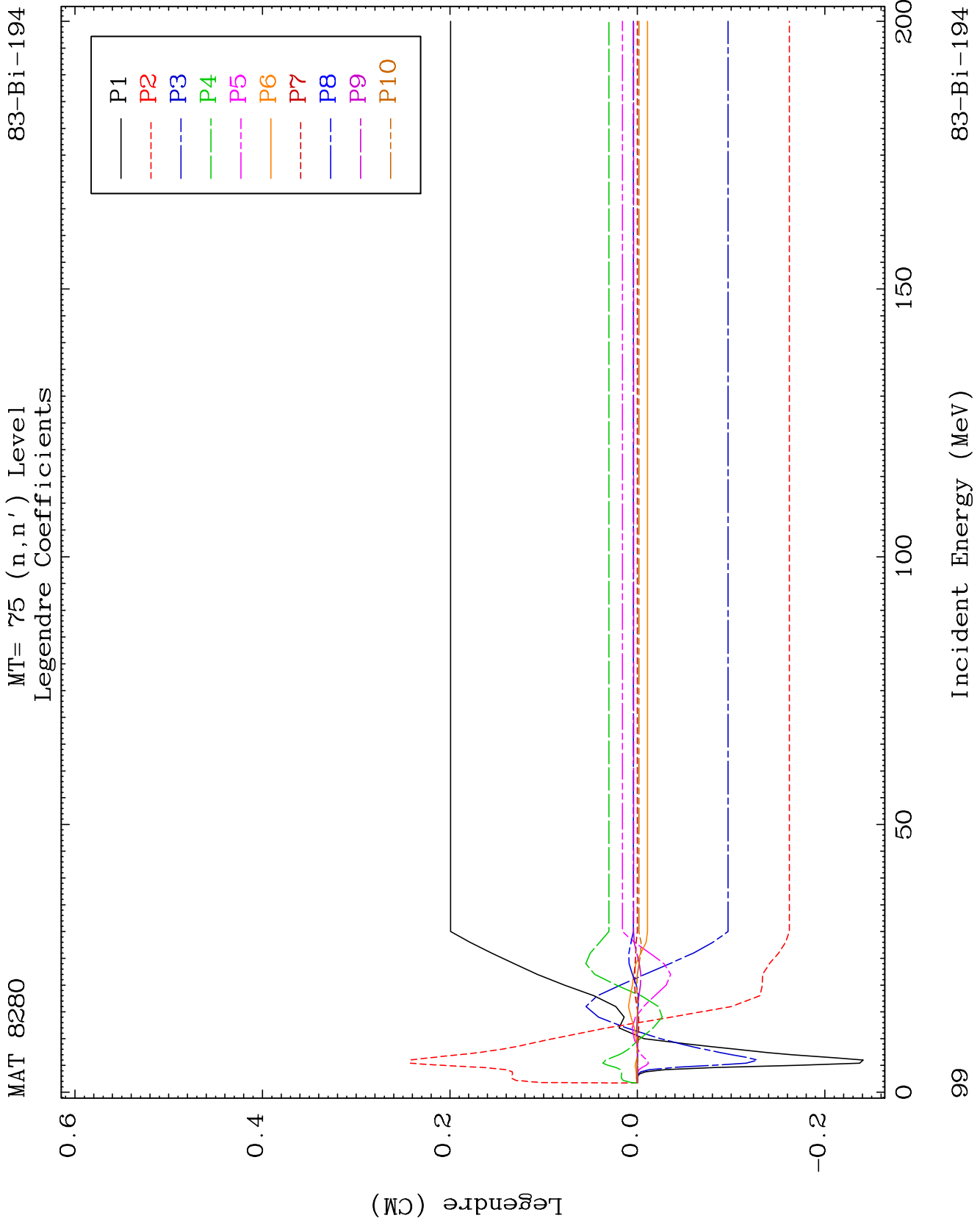


97

Incident Energy (MeV)

83-Bi-194

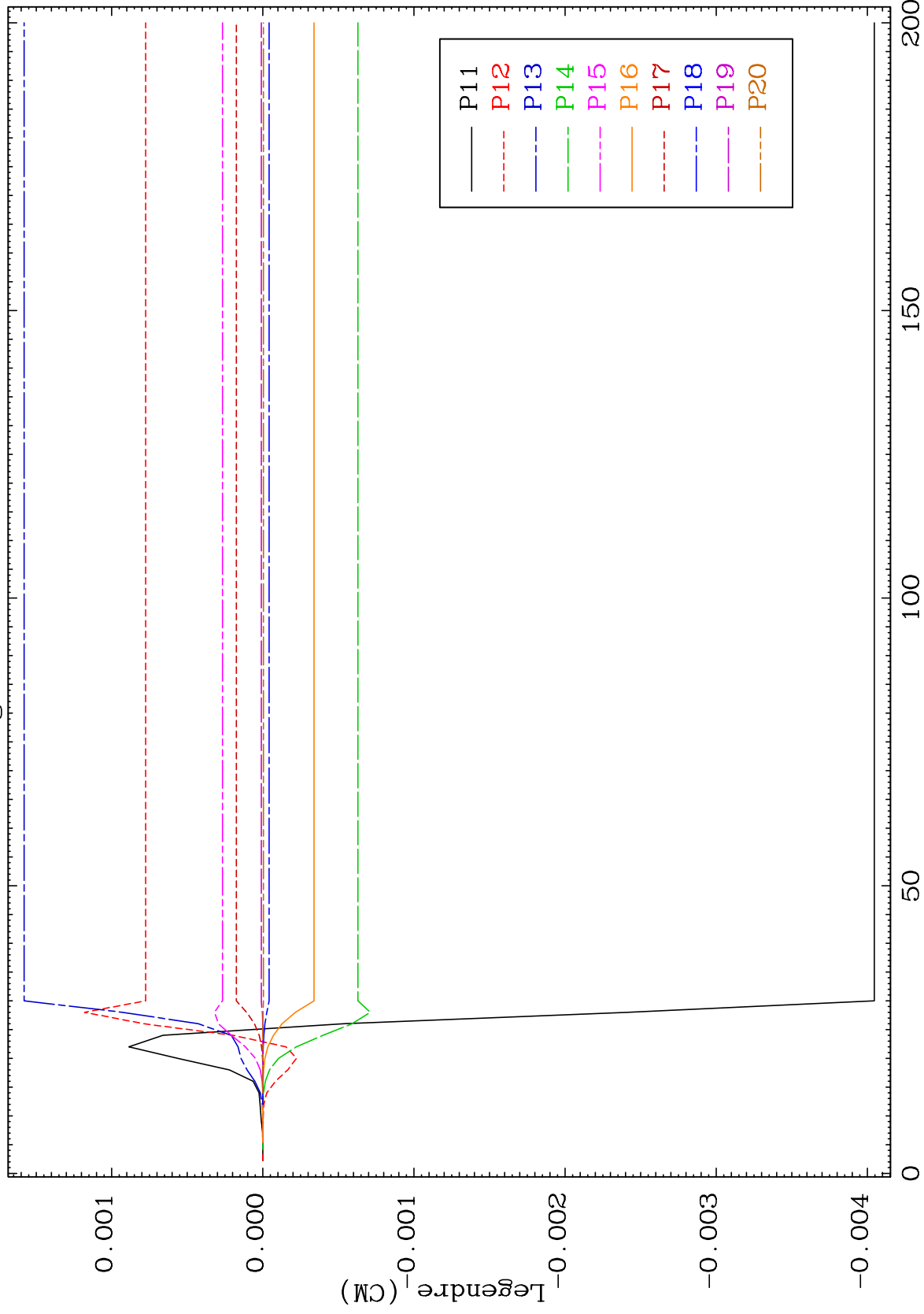




MAT 8280

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

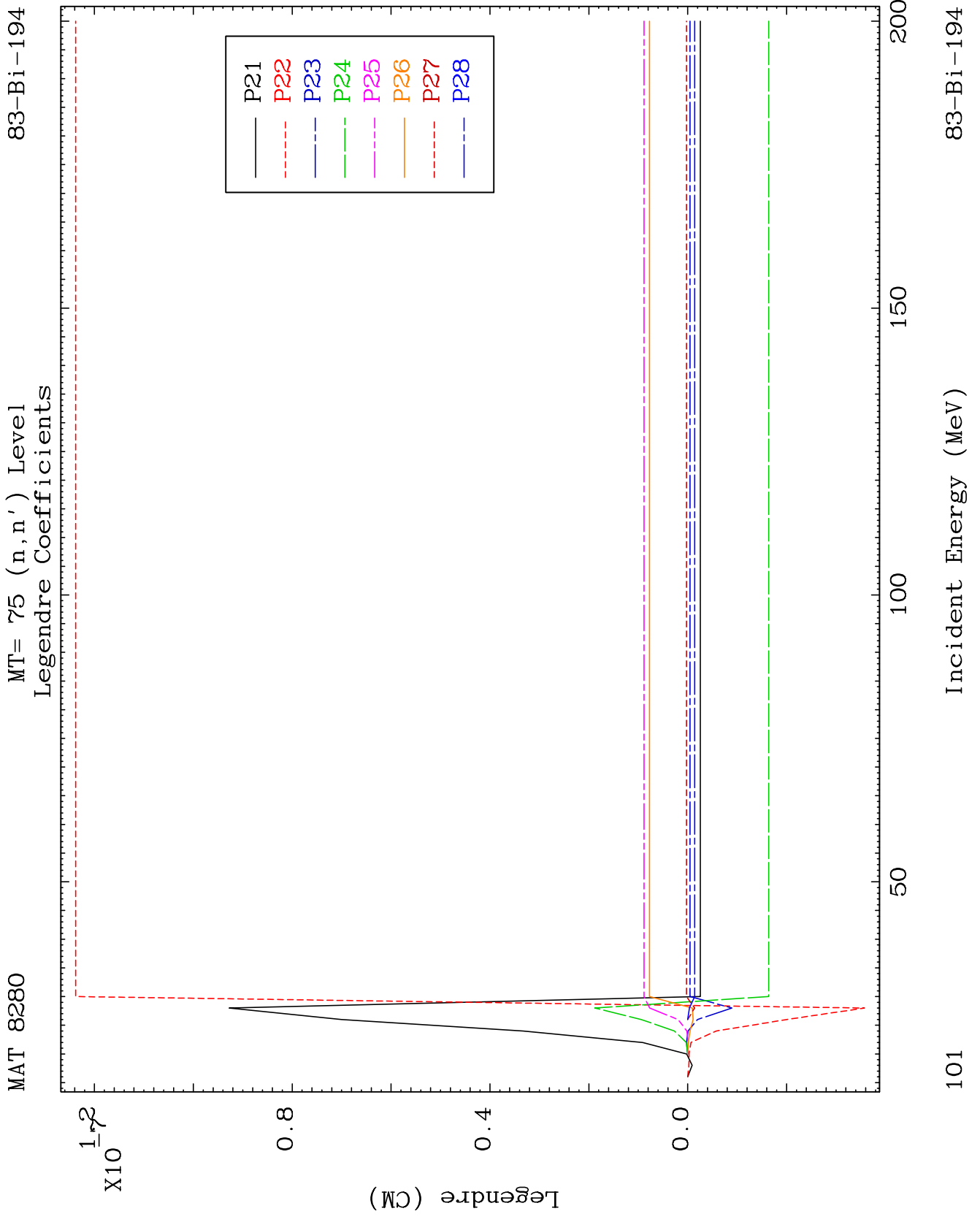
83-Bi-194



100

Incident Energy (MeV)

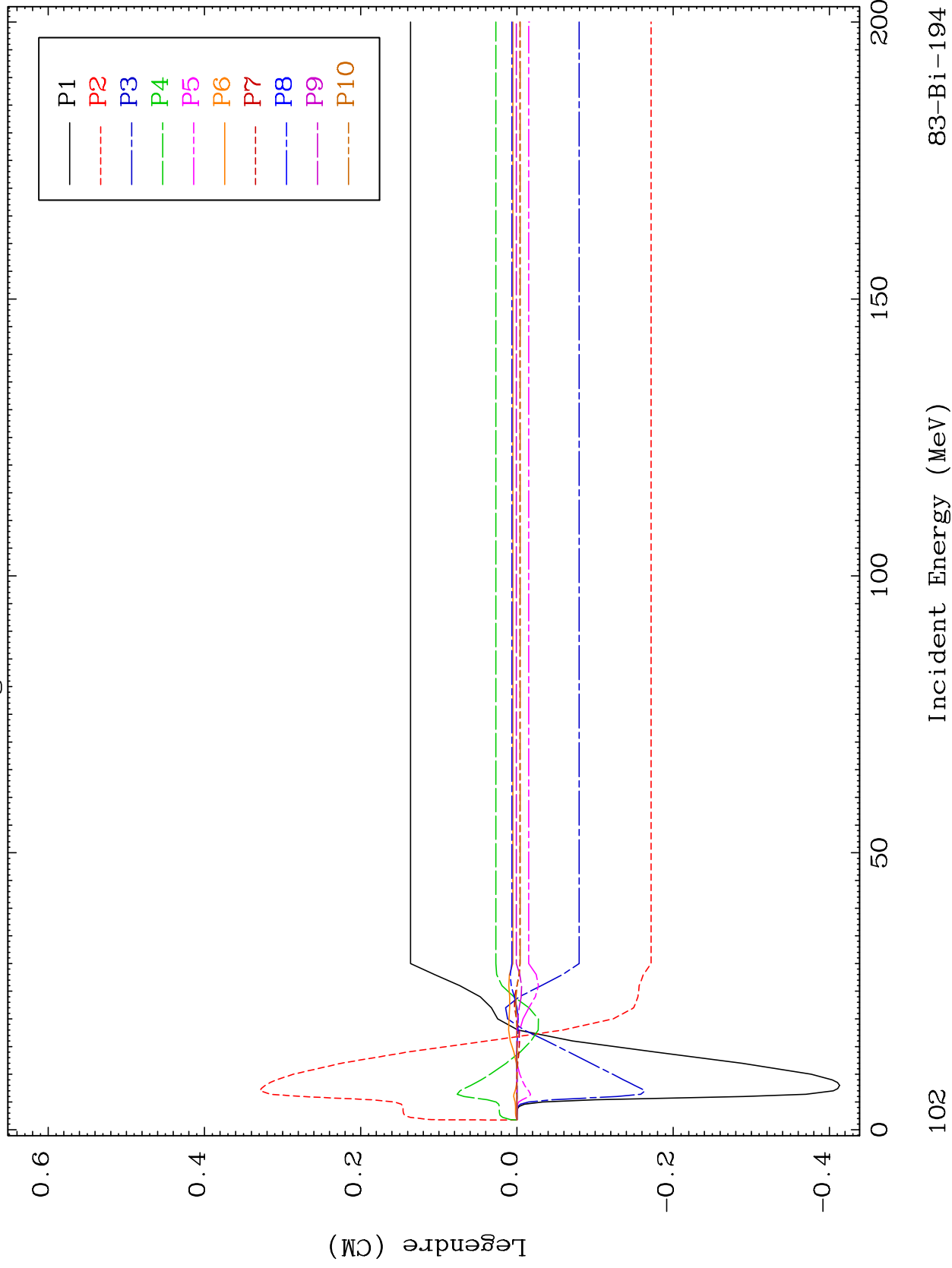
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

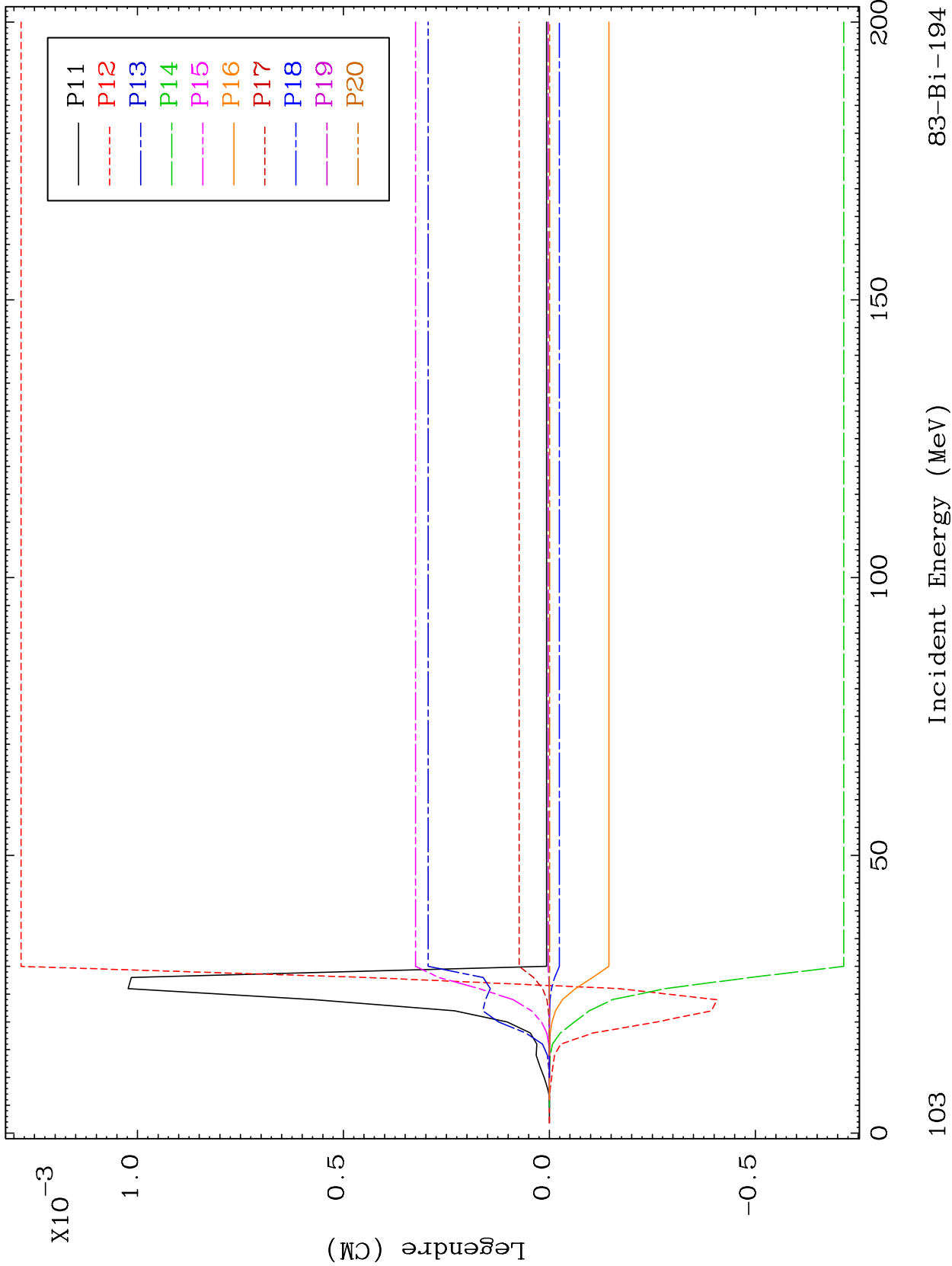
Incident Energy (MeV)

102

MAT 8280

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

83-Bi-194



103

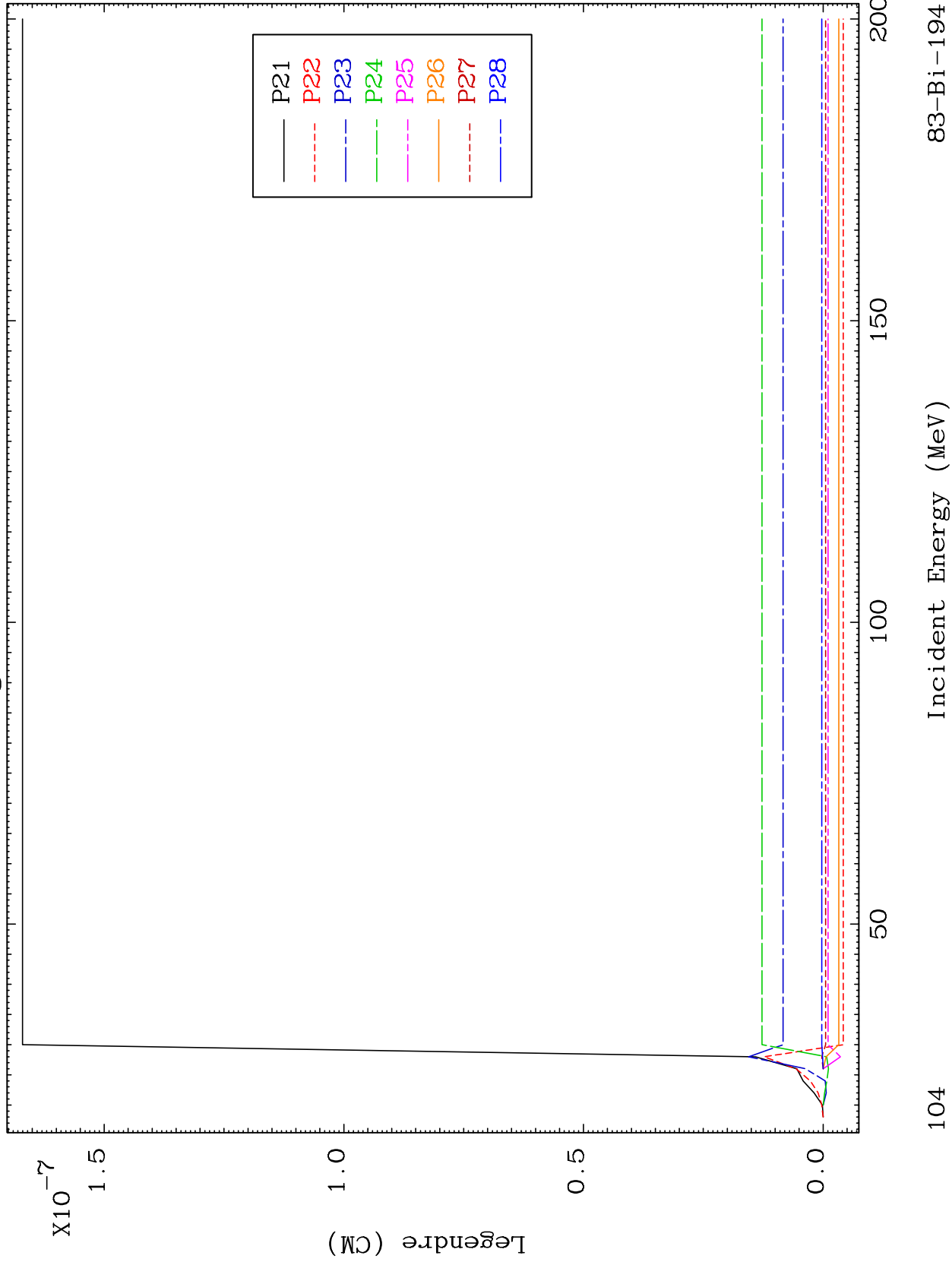
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



104

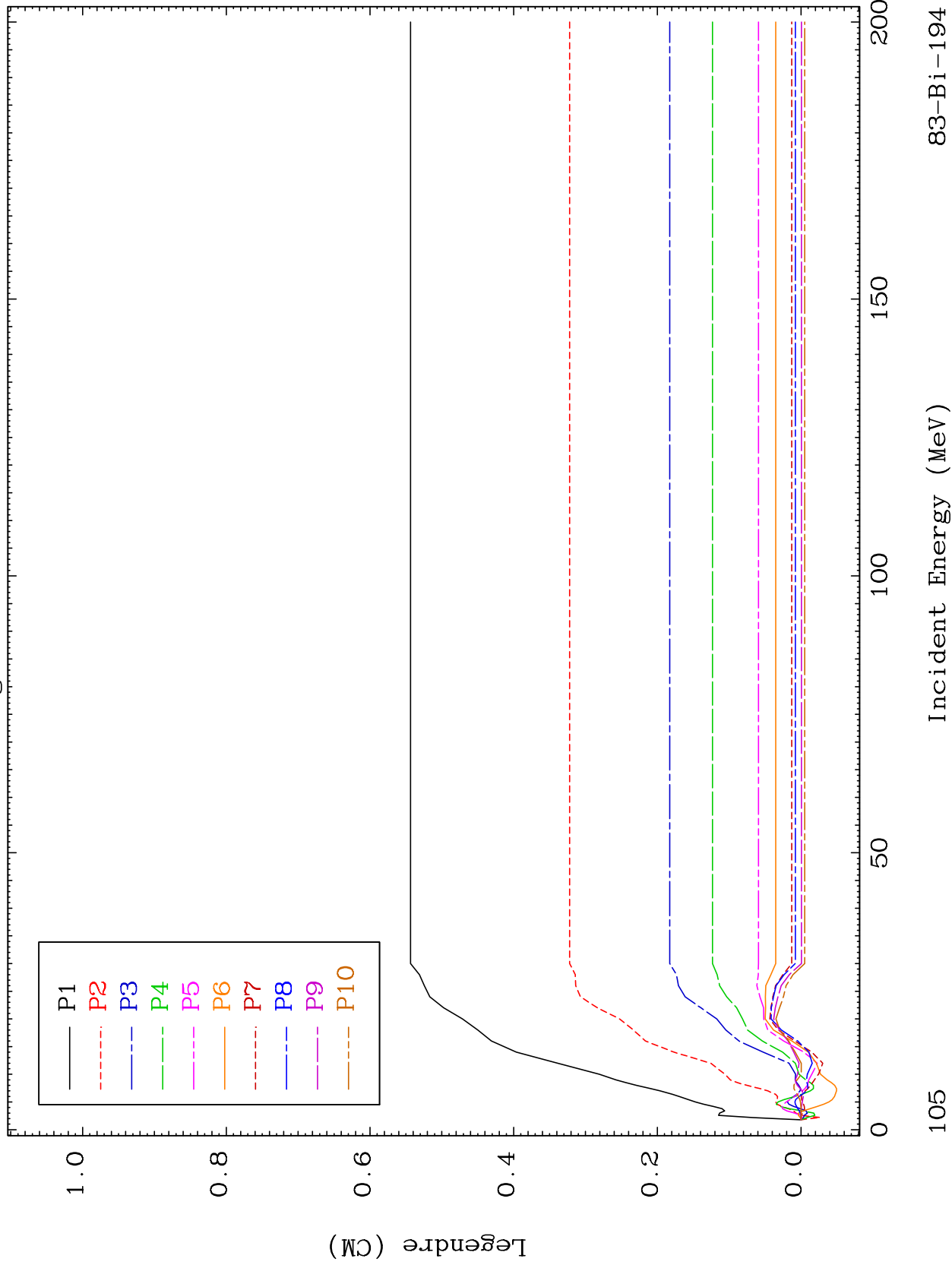
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



83-Bi-194

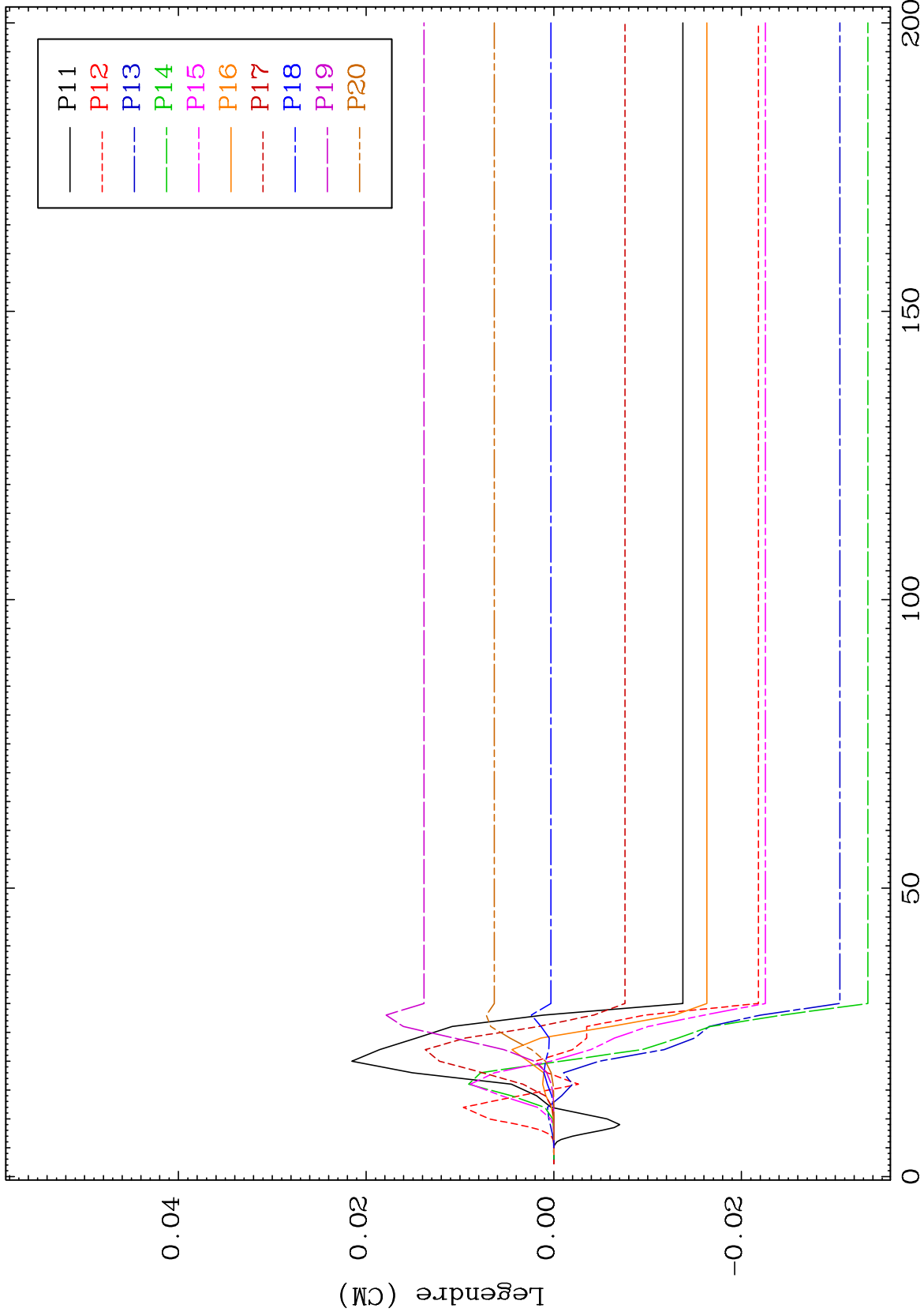
Incident Energy (MeV)

105

MAT 8280

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

83-Bi-194



83-Bi-194

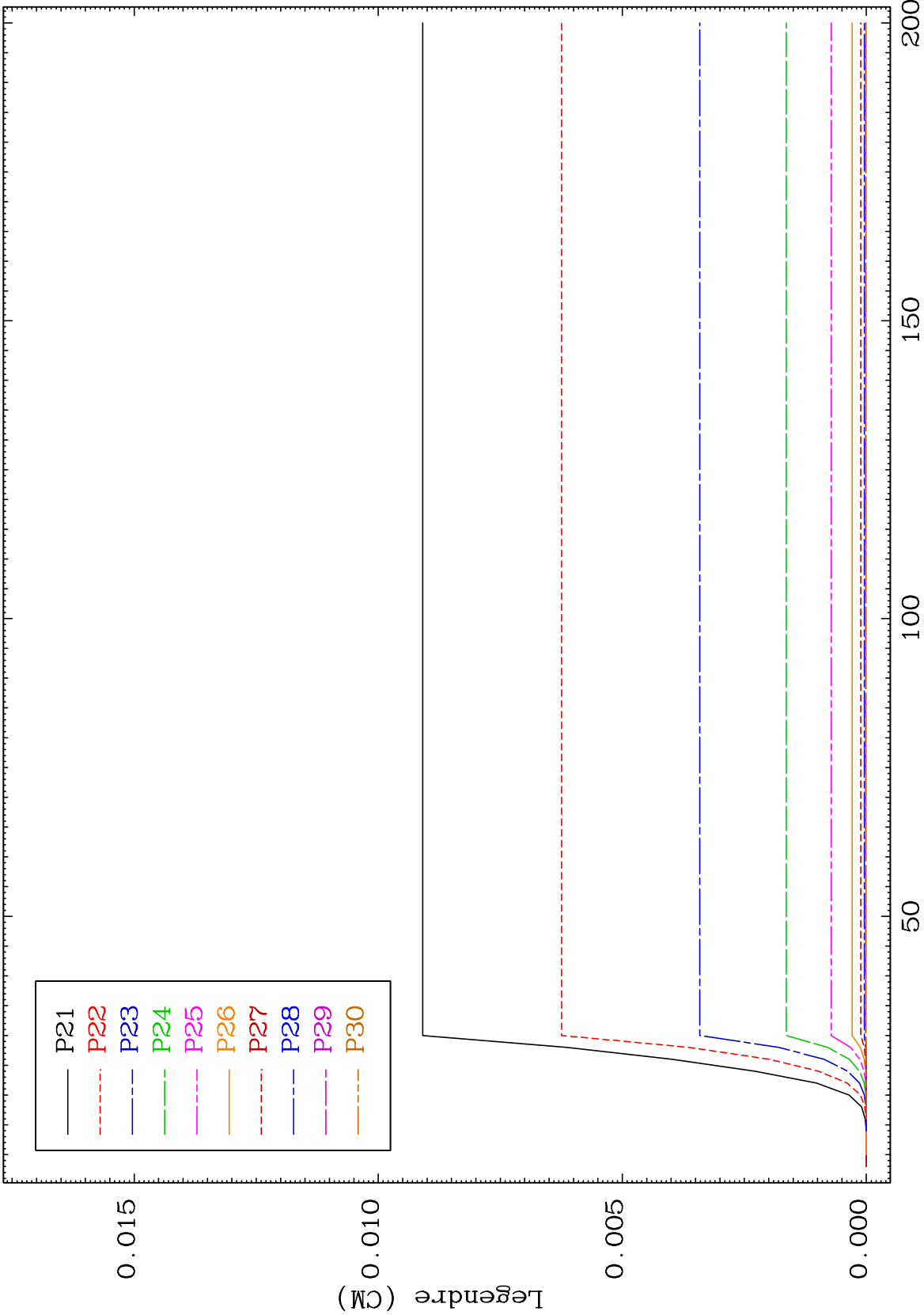
Incident Energy (MeV)

106

MAT 8280

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

83-Bi-194



107

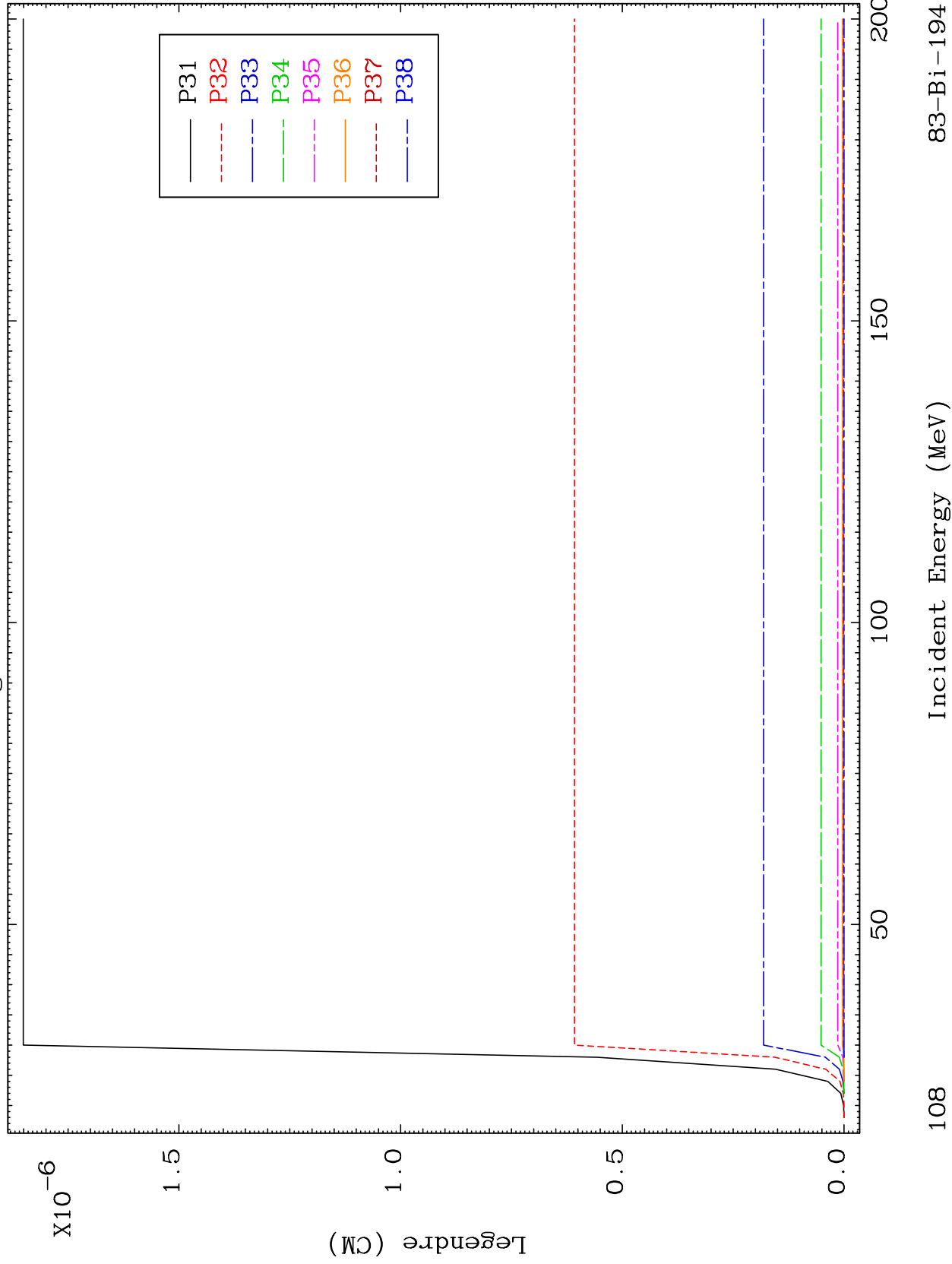
Incident Energy (MeV)

83-Bi-194

MAT 8280

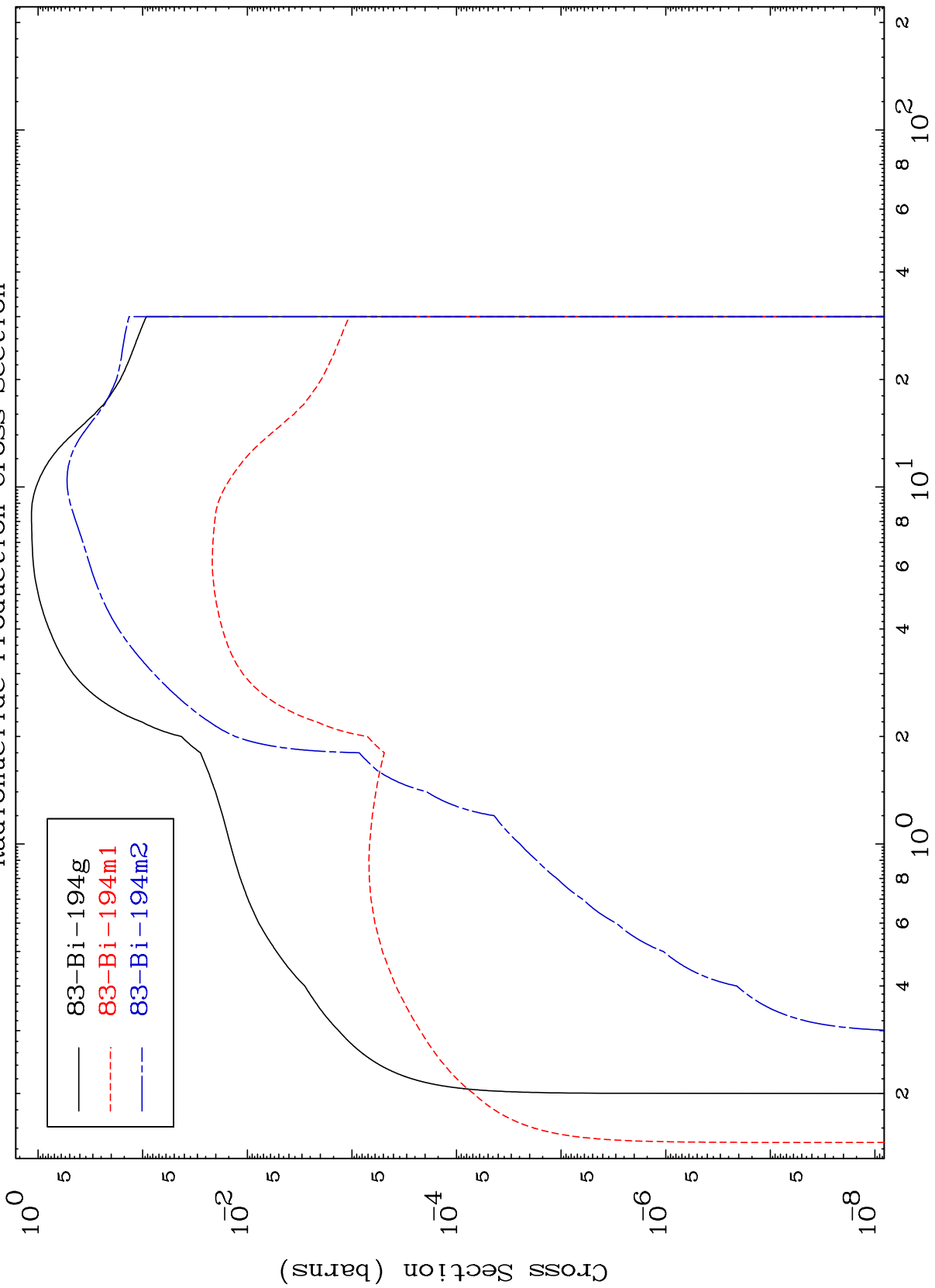
MT= 77 (n,n') Level
Legendre Coefficients

83-Bi-194



108

Inelastic
Radionuclide Production Cross Section



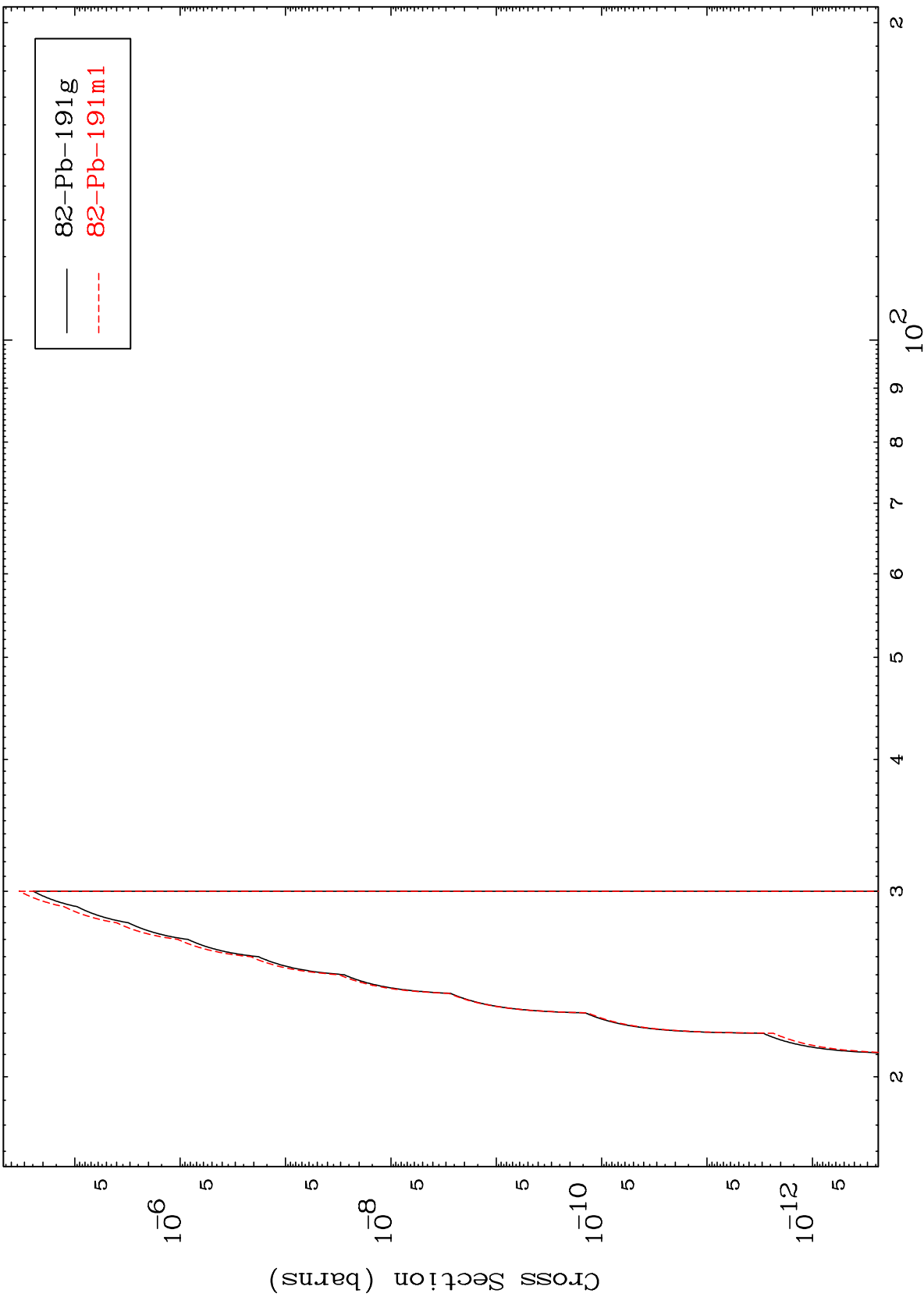
83-Bi-194g
83-Bi-194m1
83-Bi-194m2

MAT 8280

(n,2n) d

83-Bi-194

Radionuclide Production Cross Section



110

Incident Energy (MeV)

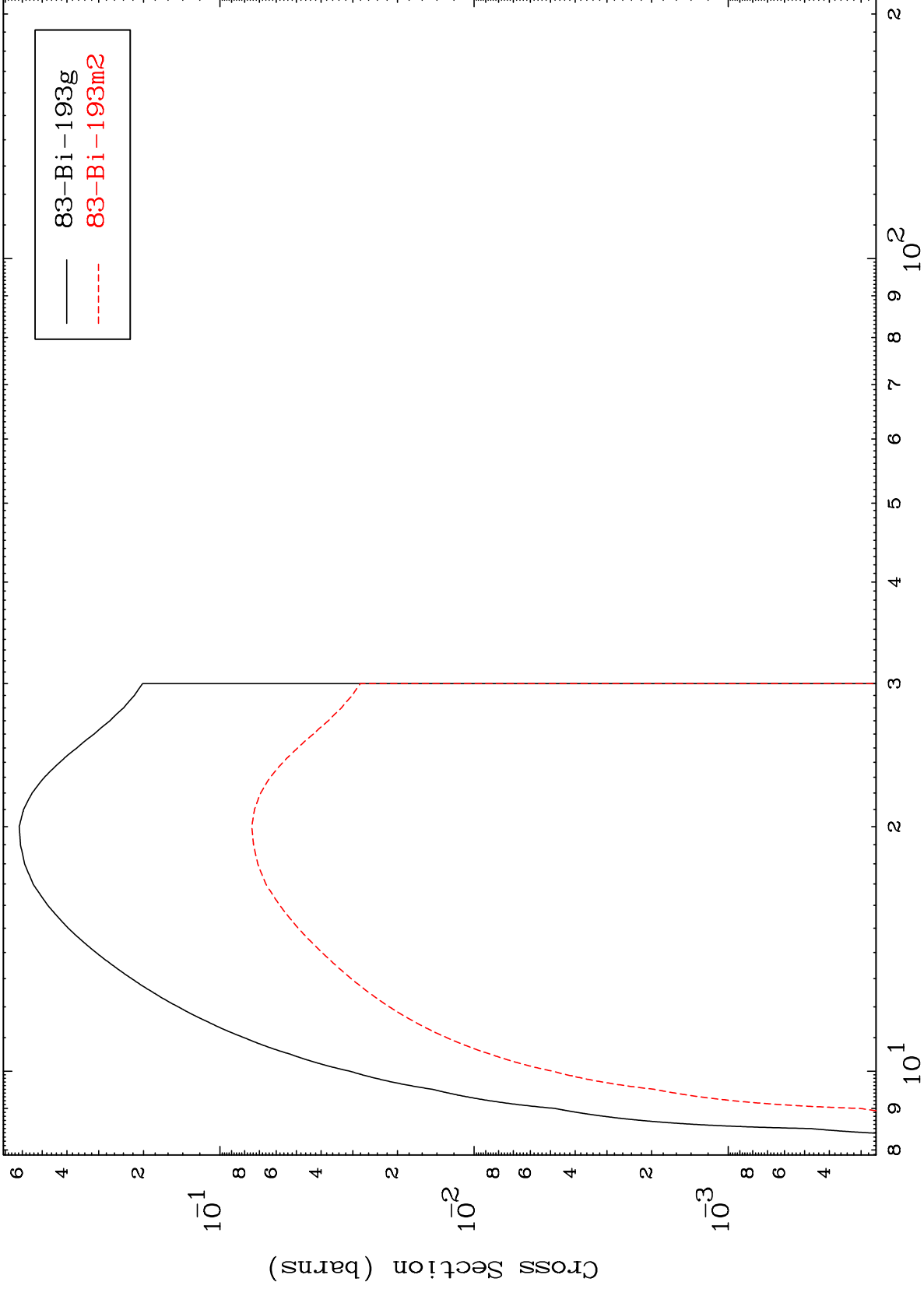
83-Bi-194

MAT 8280

(n,2n)

83-Bi-194

Radionuclide Production Cross Section



111

Incident Energy (MeV)

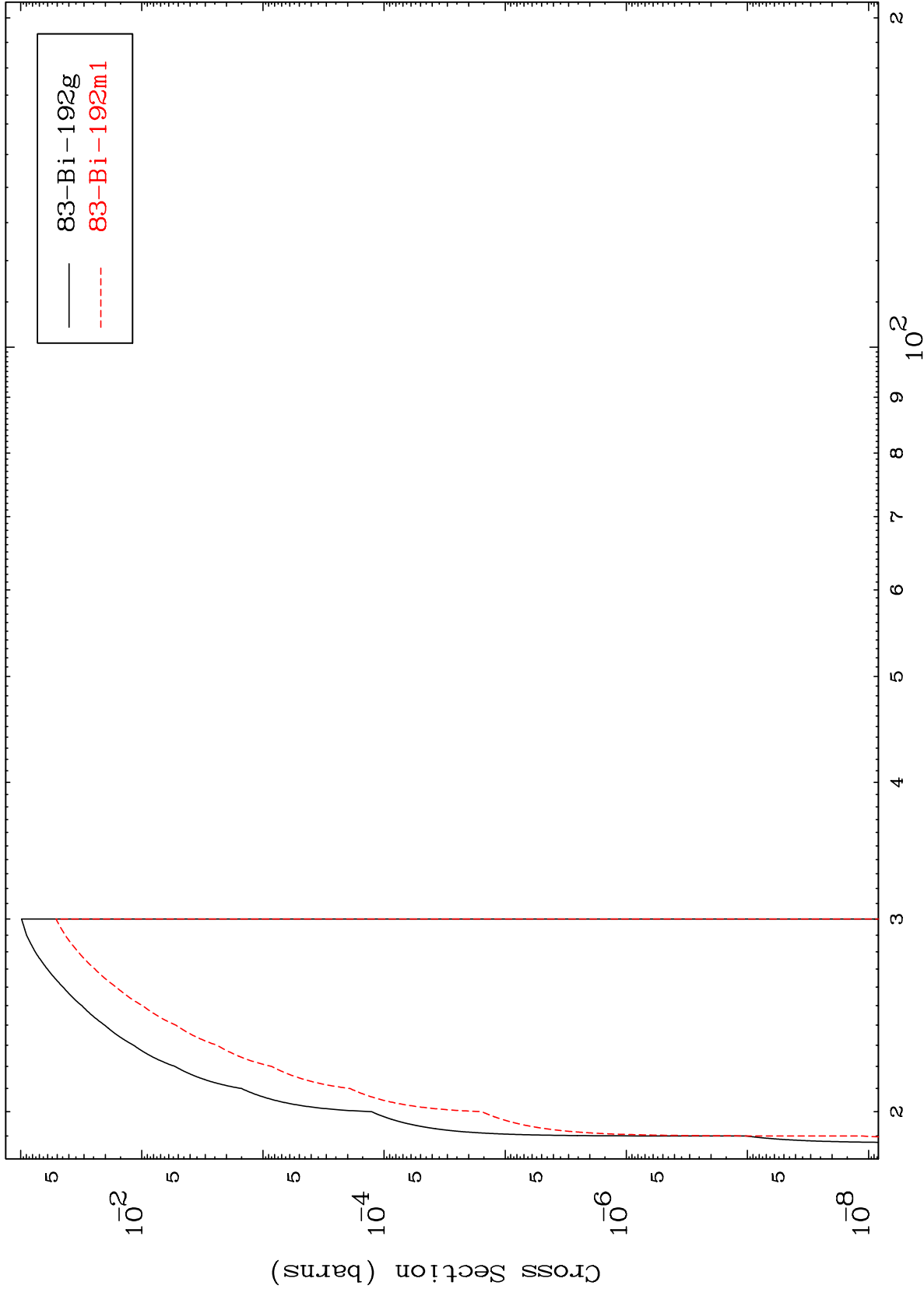
83-Bi-194

MAT 8280

(n,3n)

83-Bi-194

Radionuclide Production Cross Section



112

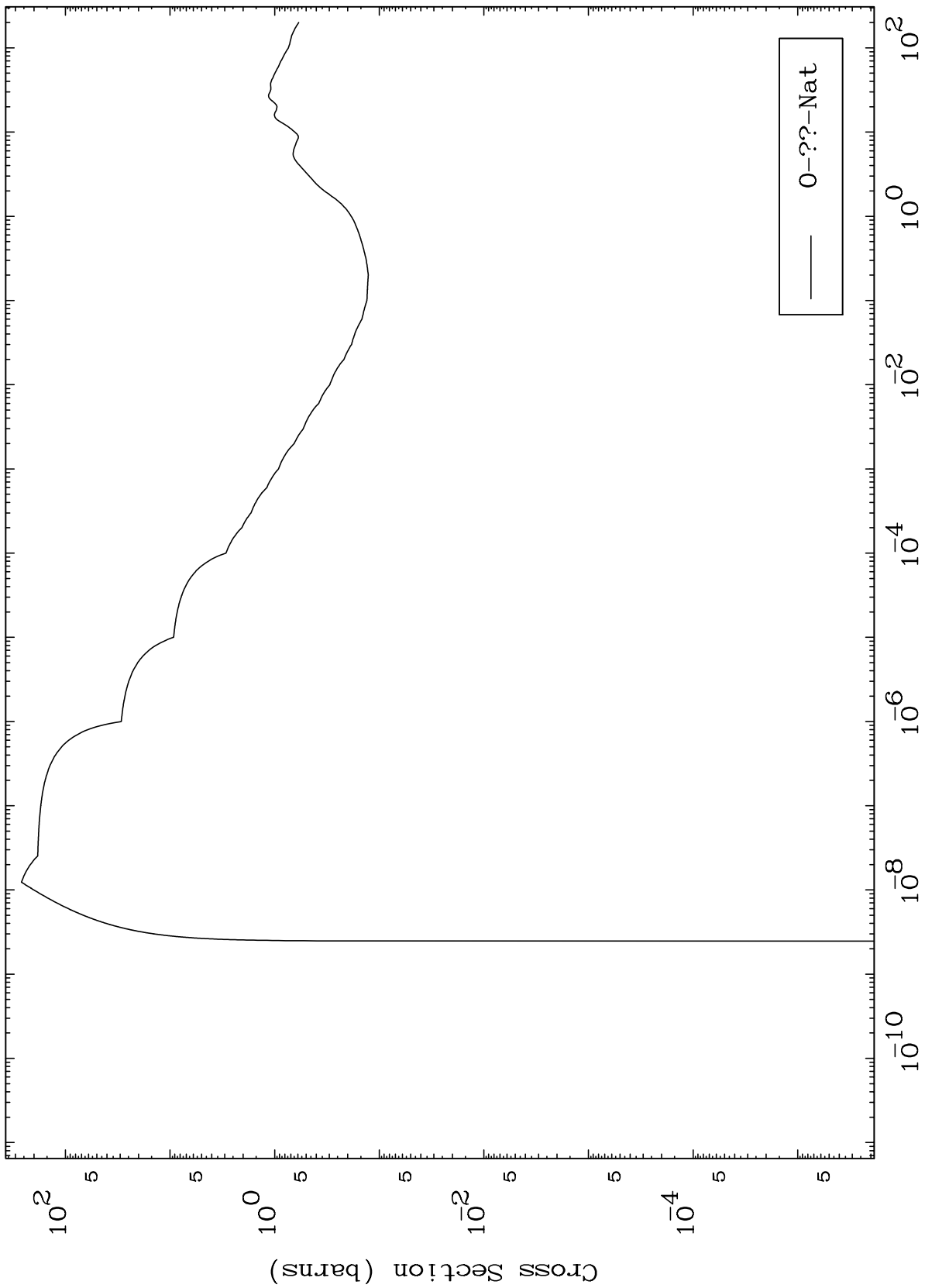
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

Fission
Radionuclide Production Cross Section



113

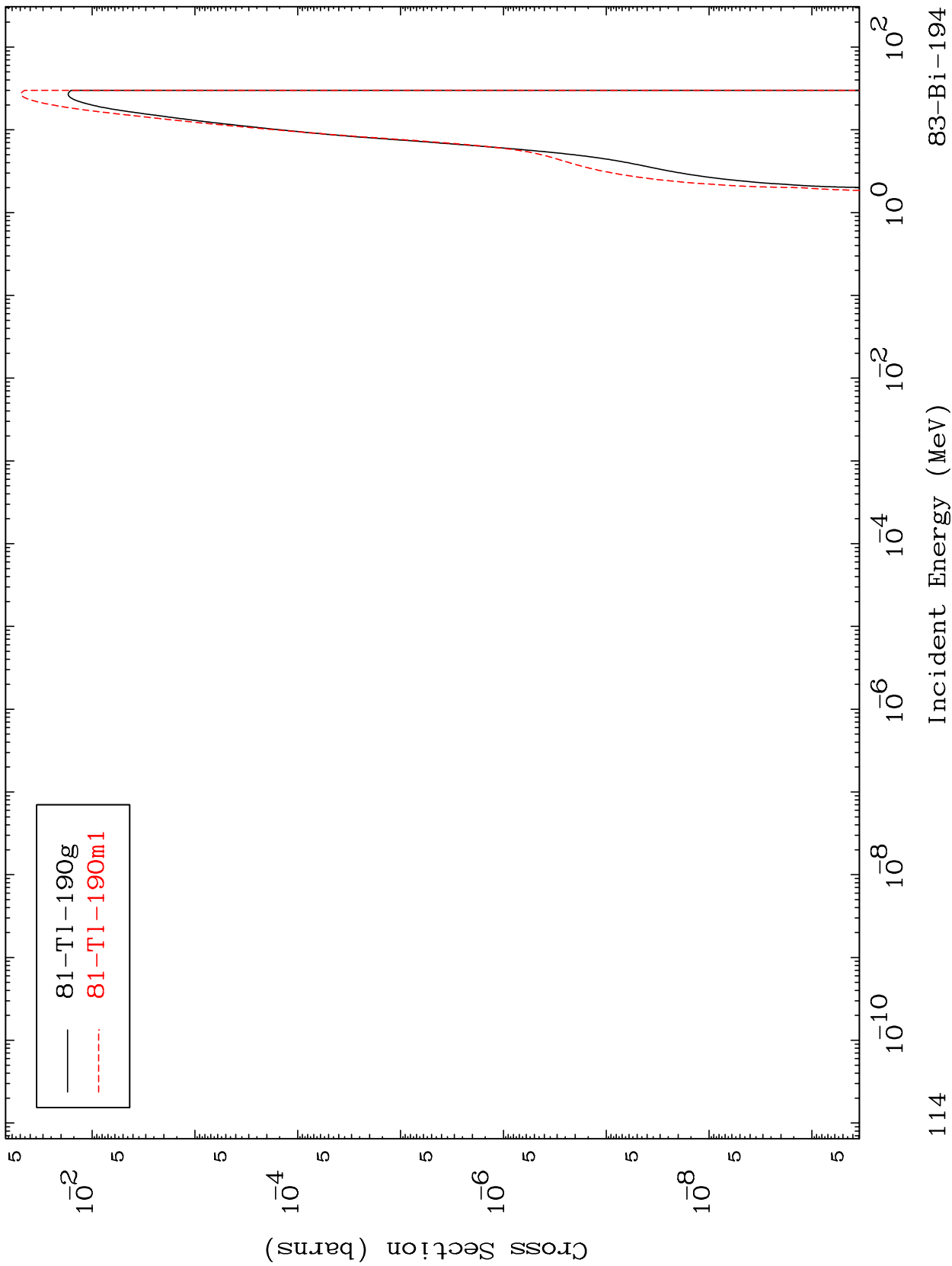
83-Bi-194

MAT 8280

(n, n') α

83-Bi-194

Radionuclide Production Cross Section

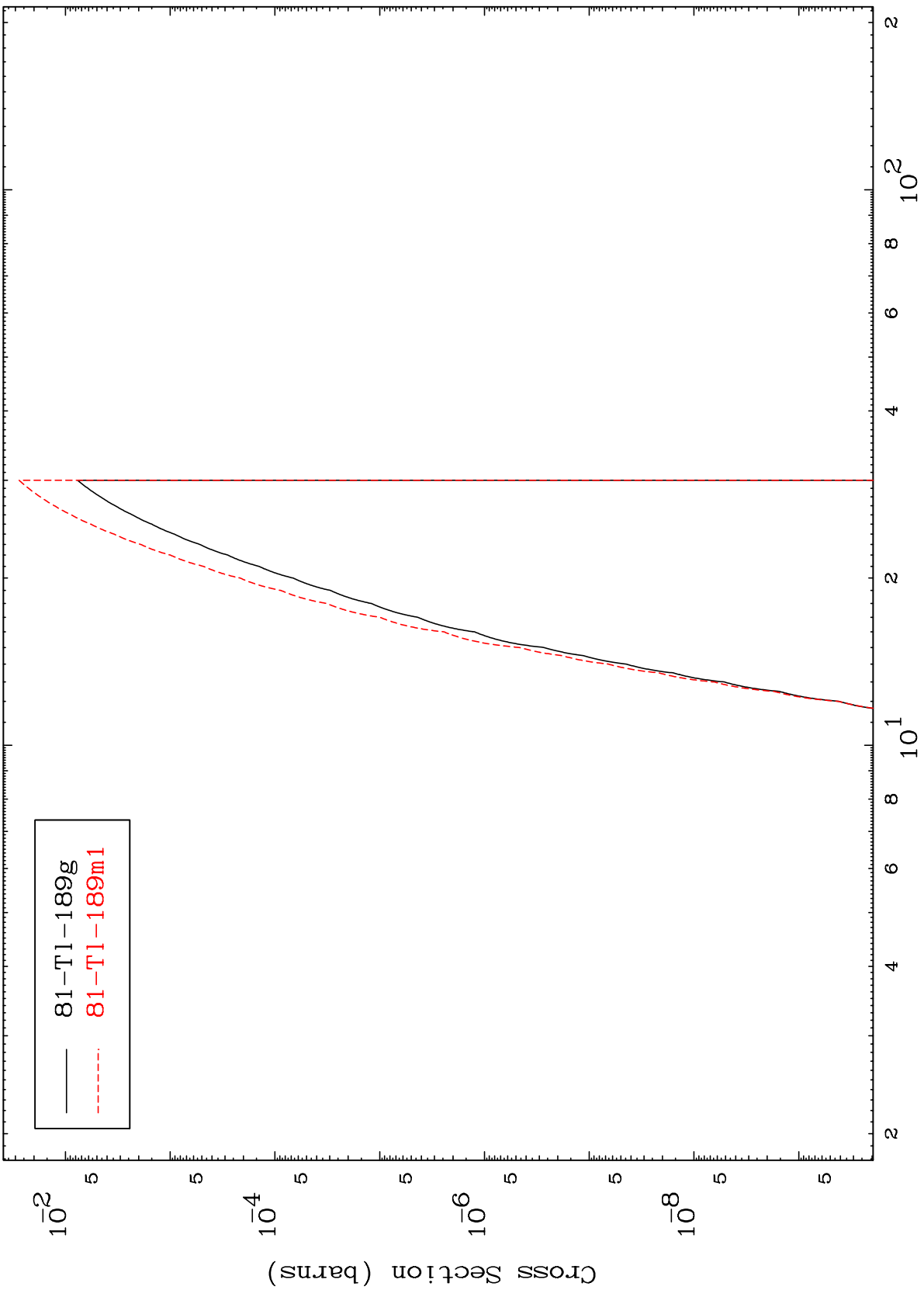


MAT 8280

(n,2n) α

83-Bi-194

Radionuclide Production Cross Section

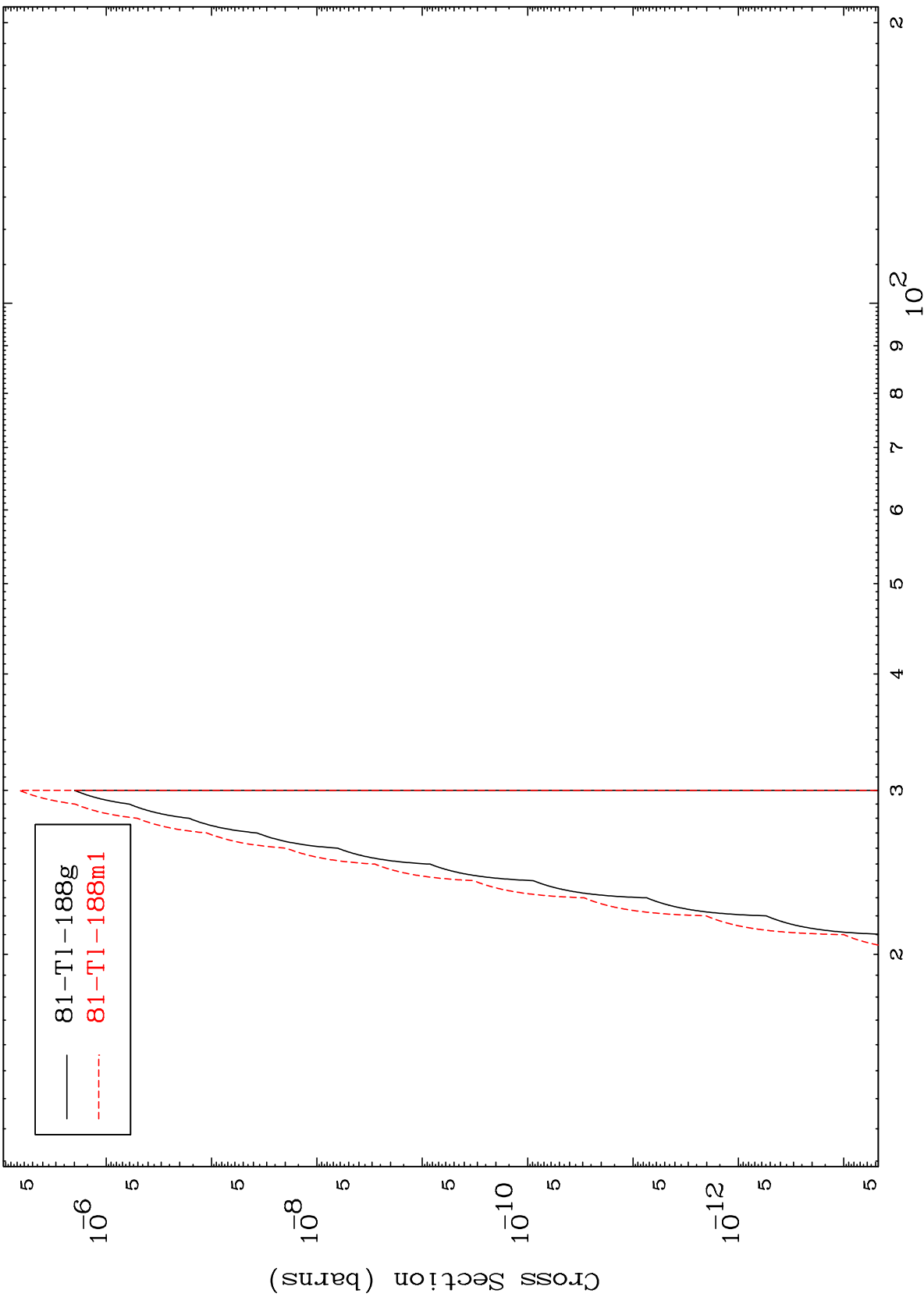


115

Incident Energy (MeV)

83-Bi-194

Radionuclide Production Cross Section

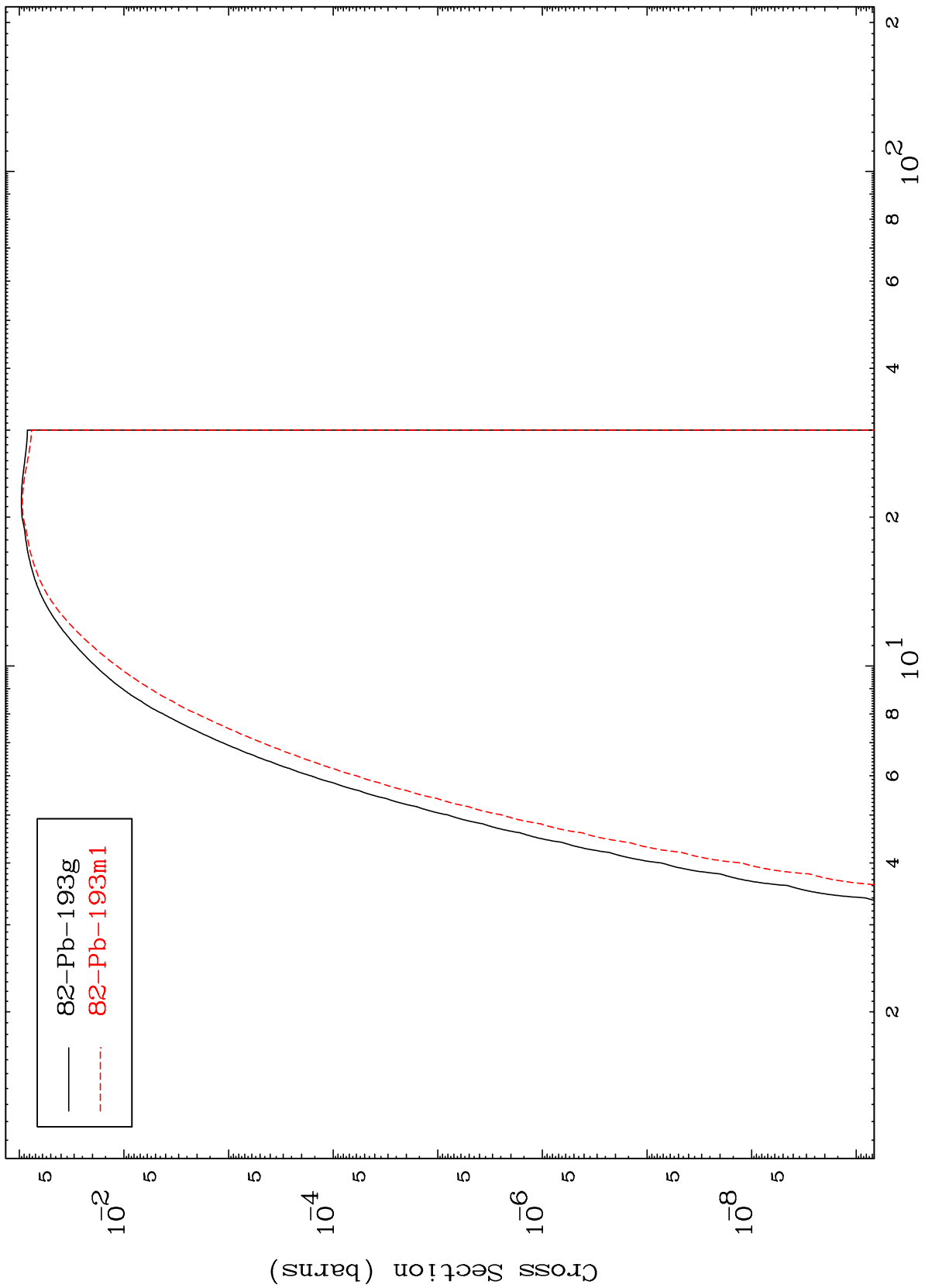


MAT 8280

(n,n') p

83-Bi-194

Radionuclide Production Cross Section



117

Incident Energy (MeV)

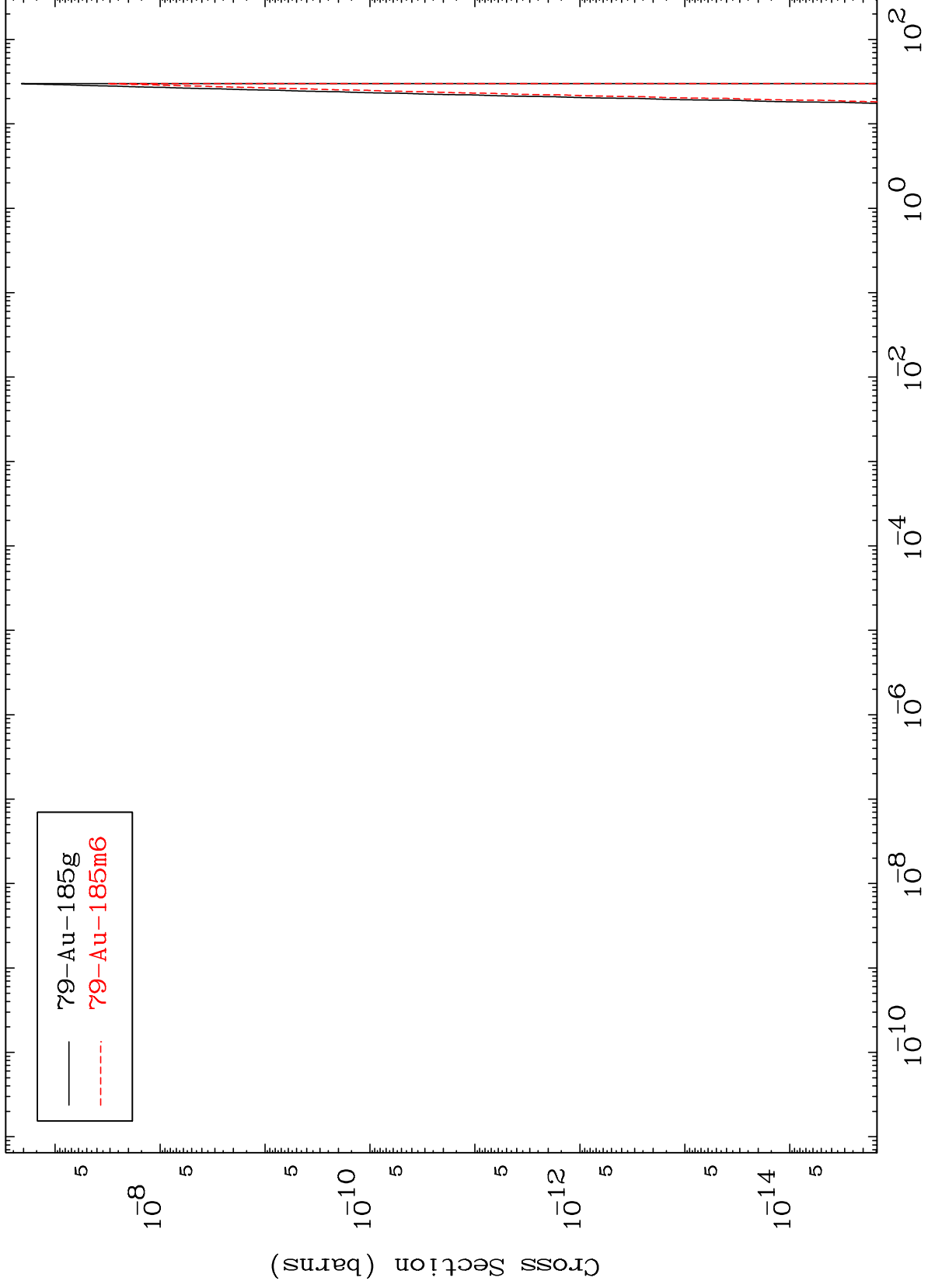
83-Bi-194

MAT 8280

$(n,2n) 2\alpha$

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

Radionuclide Production Cross Section

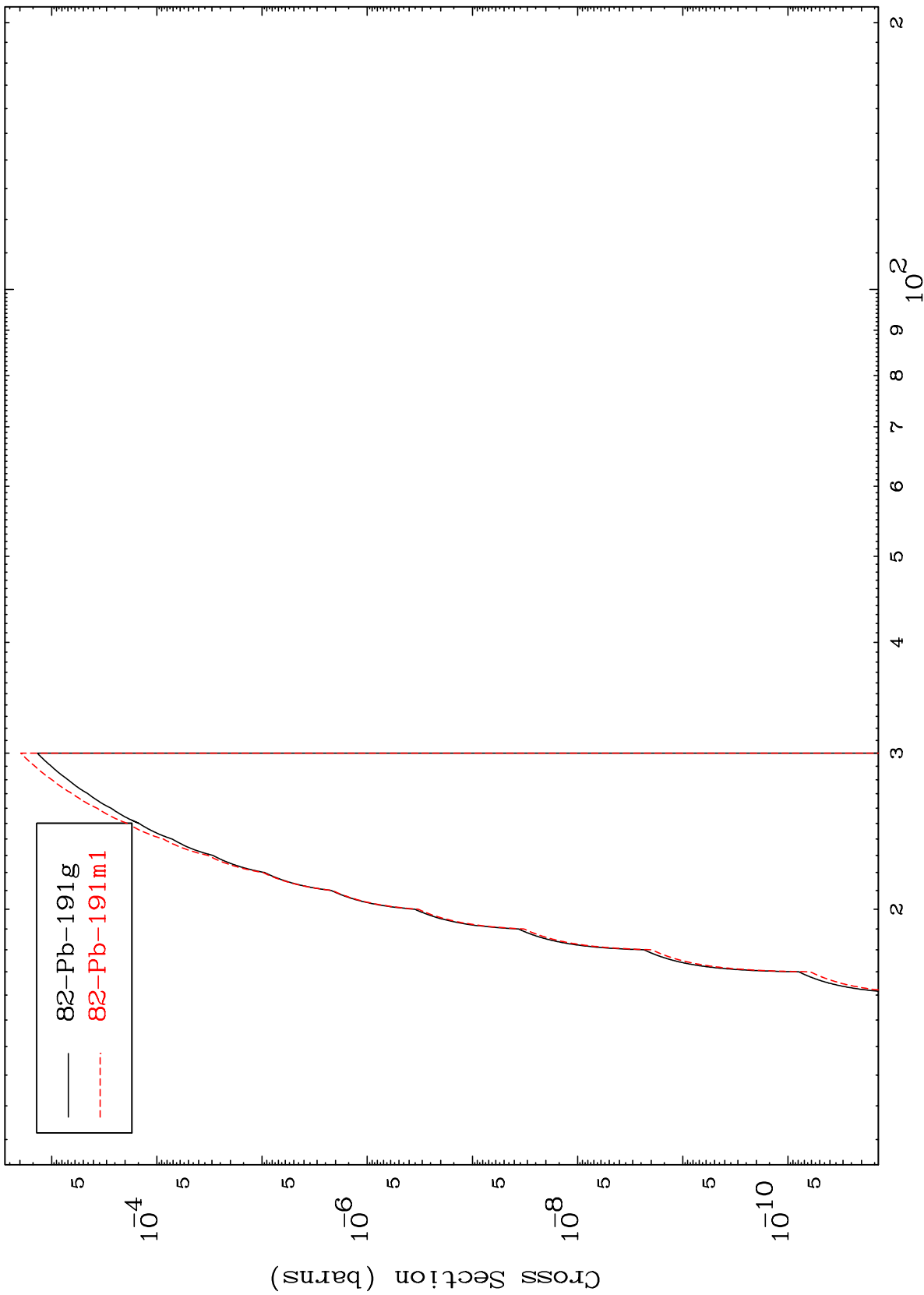


MAT 8280

(n,n') t

83-Bi-194

Radionuclide Production Cross Section



119

Incident Energy (MeV)

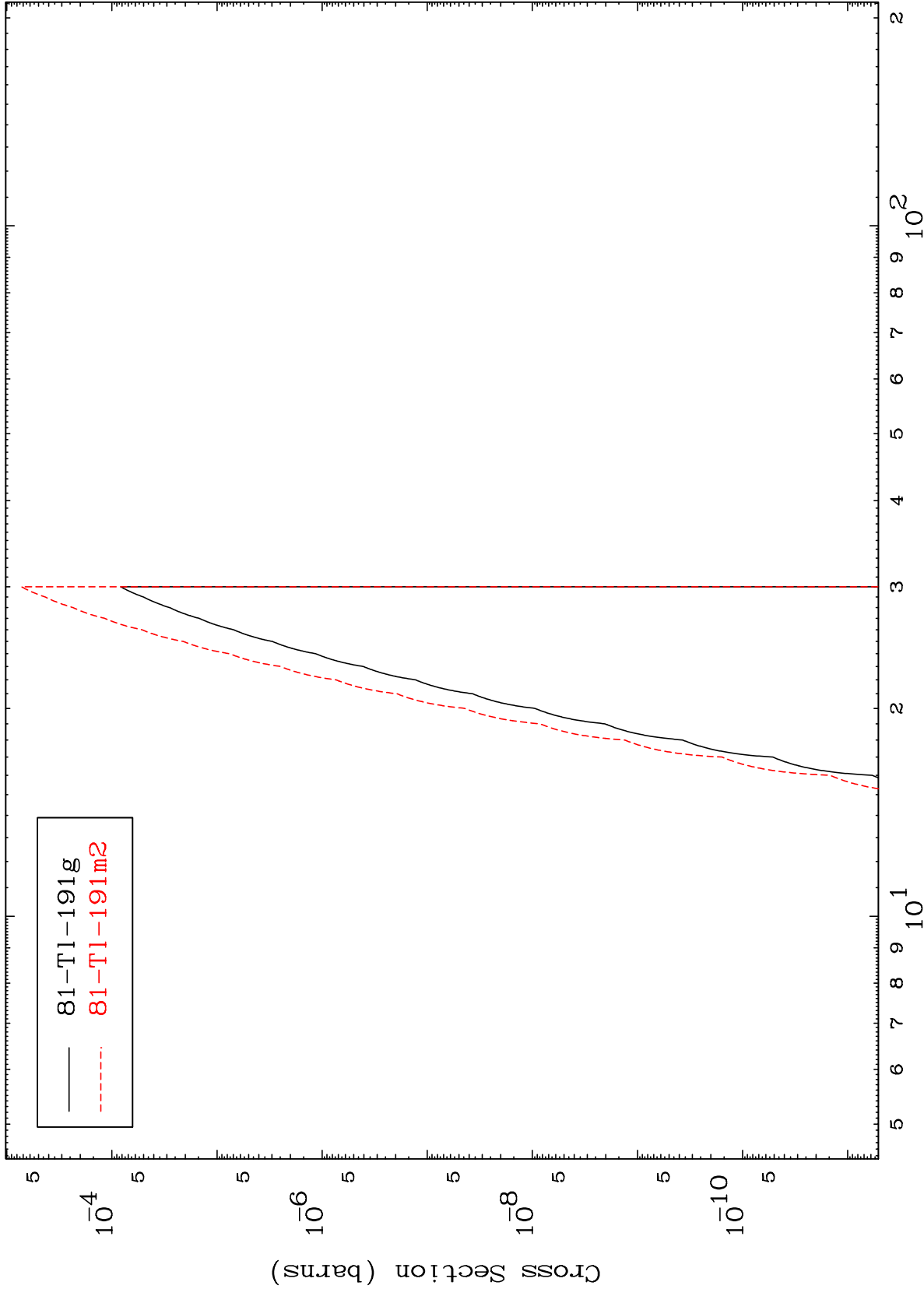
83-Bi-194

MAT 8280

(n,n') He-3

83-Bi-194

Radionuclide Production Cross Section



120

Incident Energy (MeV)

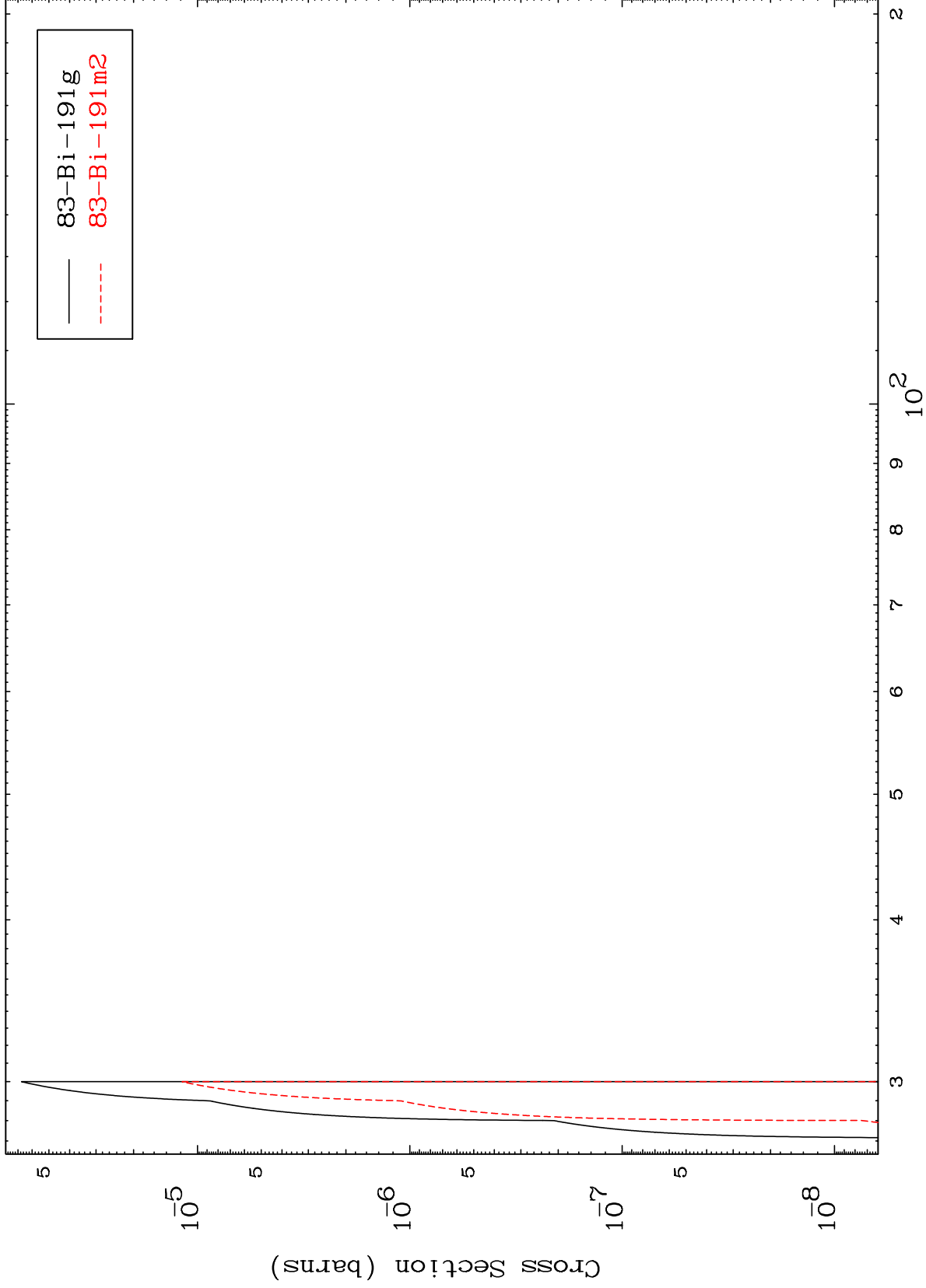
83-Bi-194

MAT 8280

(n,4n)

83-Bi-194

Radionuclide Production Cross Section



121

Incident Energy (MeV)

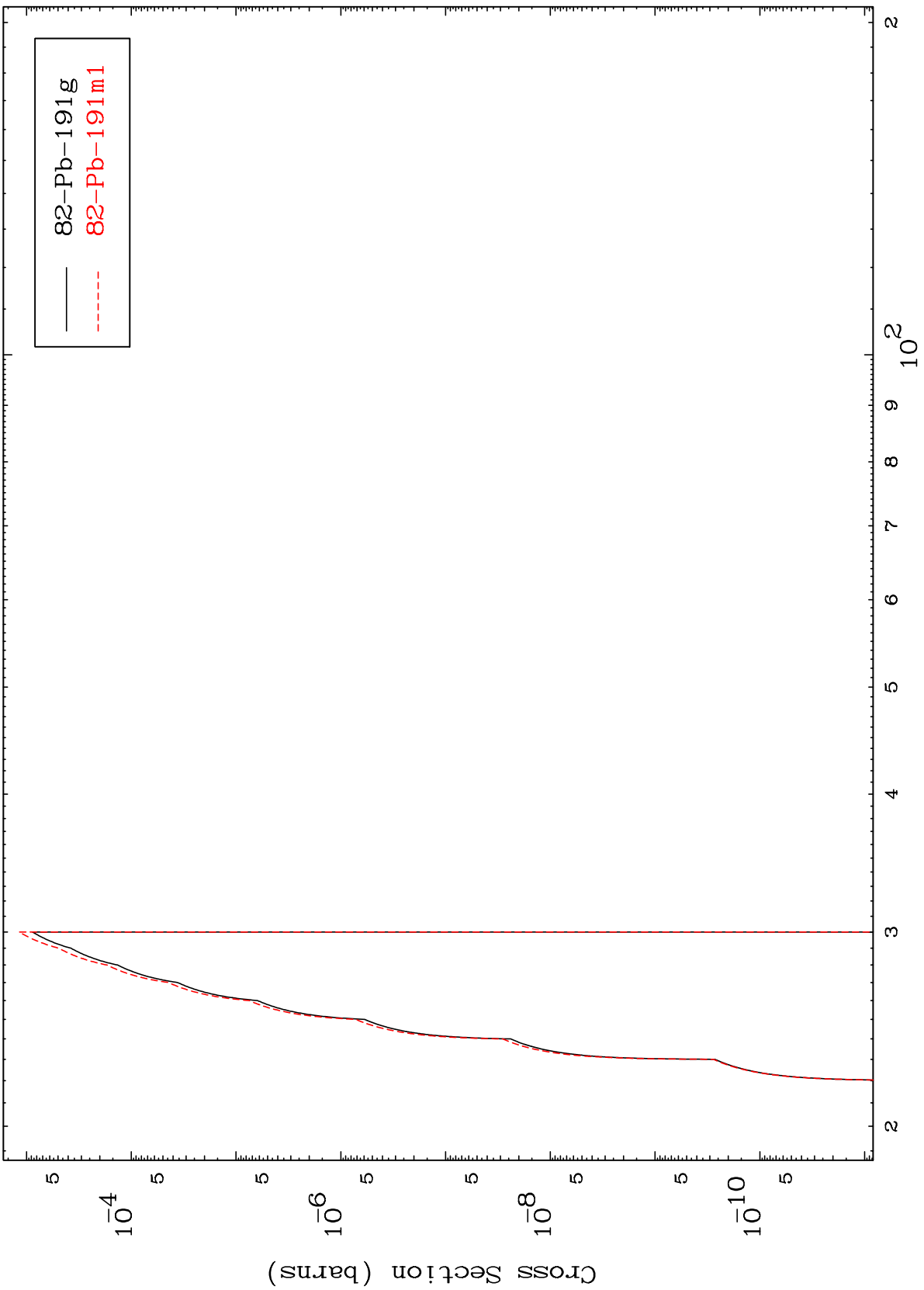
83-Bi-194

MAT 8280

(n,3n) p

83-Bi-194

Radionuclide Production Cross Section



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

122

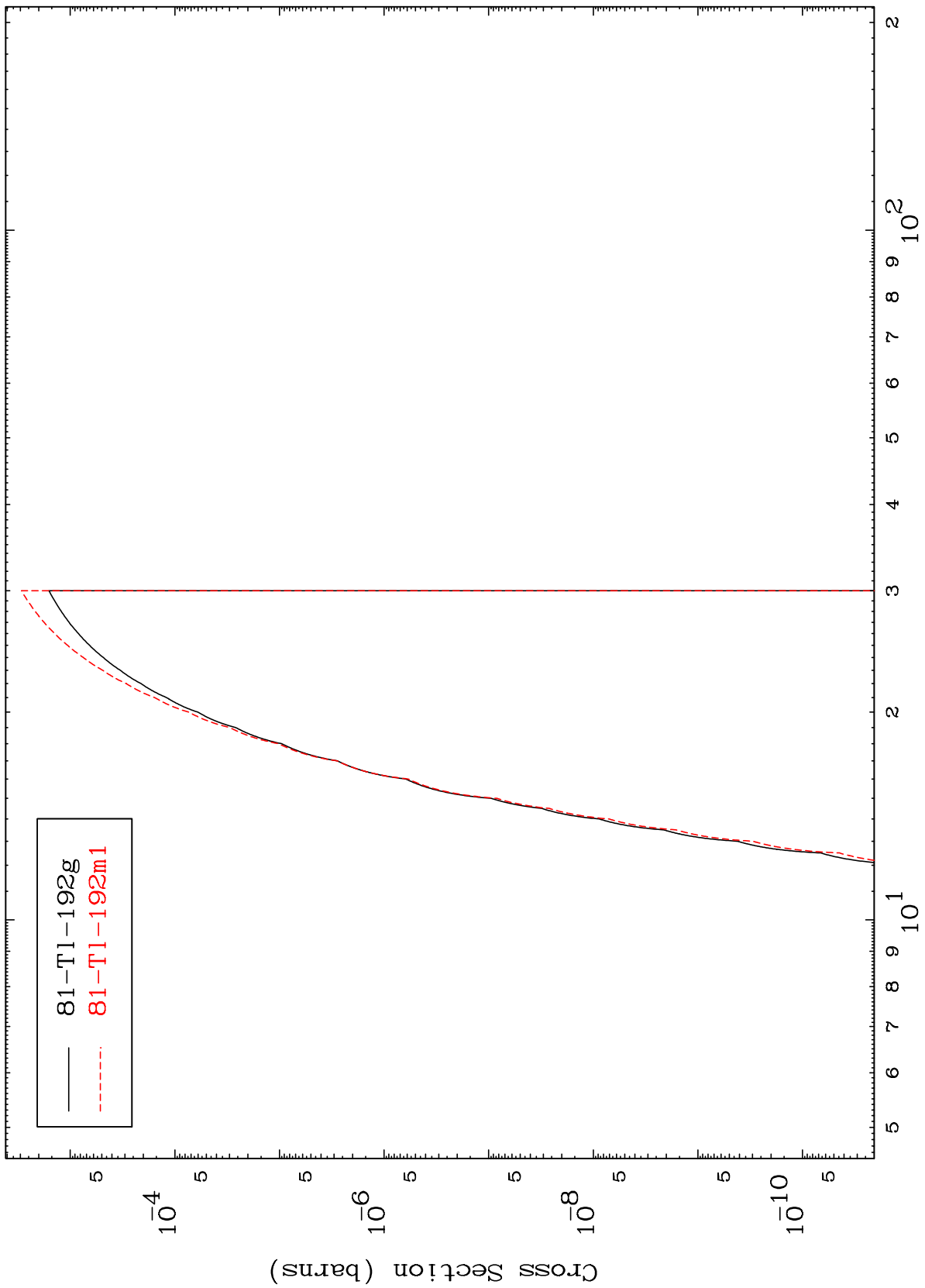
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(n,2n) p
Radionuclide Production Cross Section



123

Incident Energy (MeV)

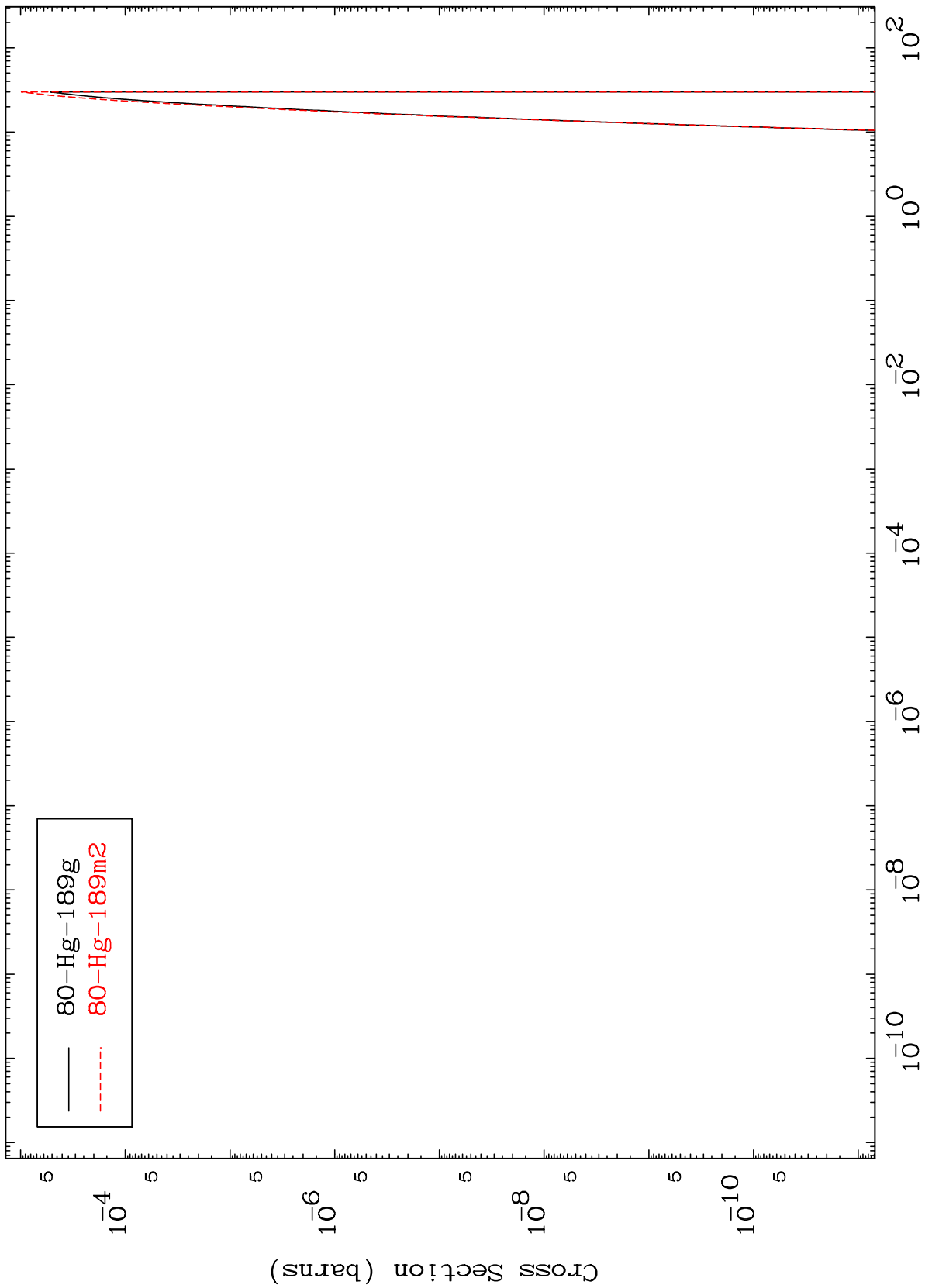
83-Bi-194

MAT 8280

(n,n') p α

83-Bi-194

Radionuclide Production Cross Section



124

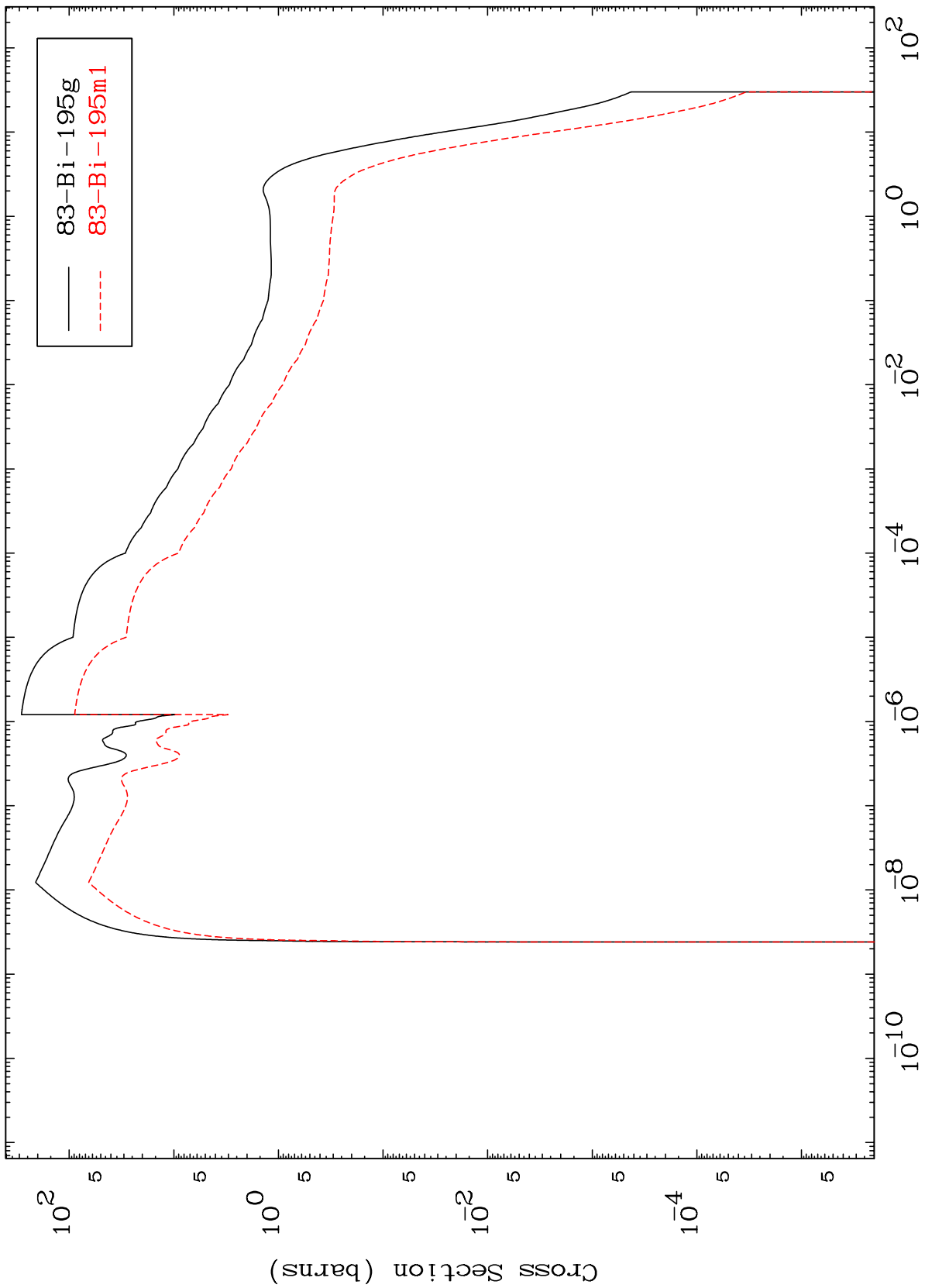
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(n, γ)
Radionuclide Production Cross Section



125

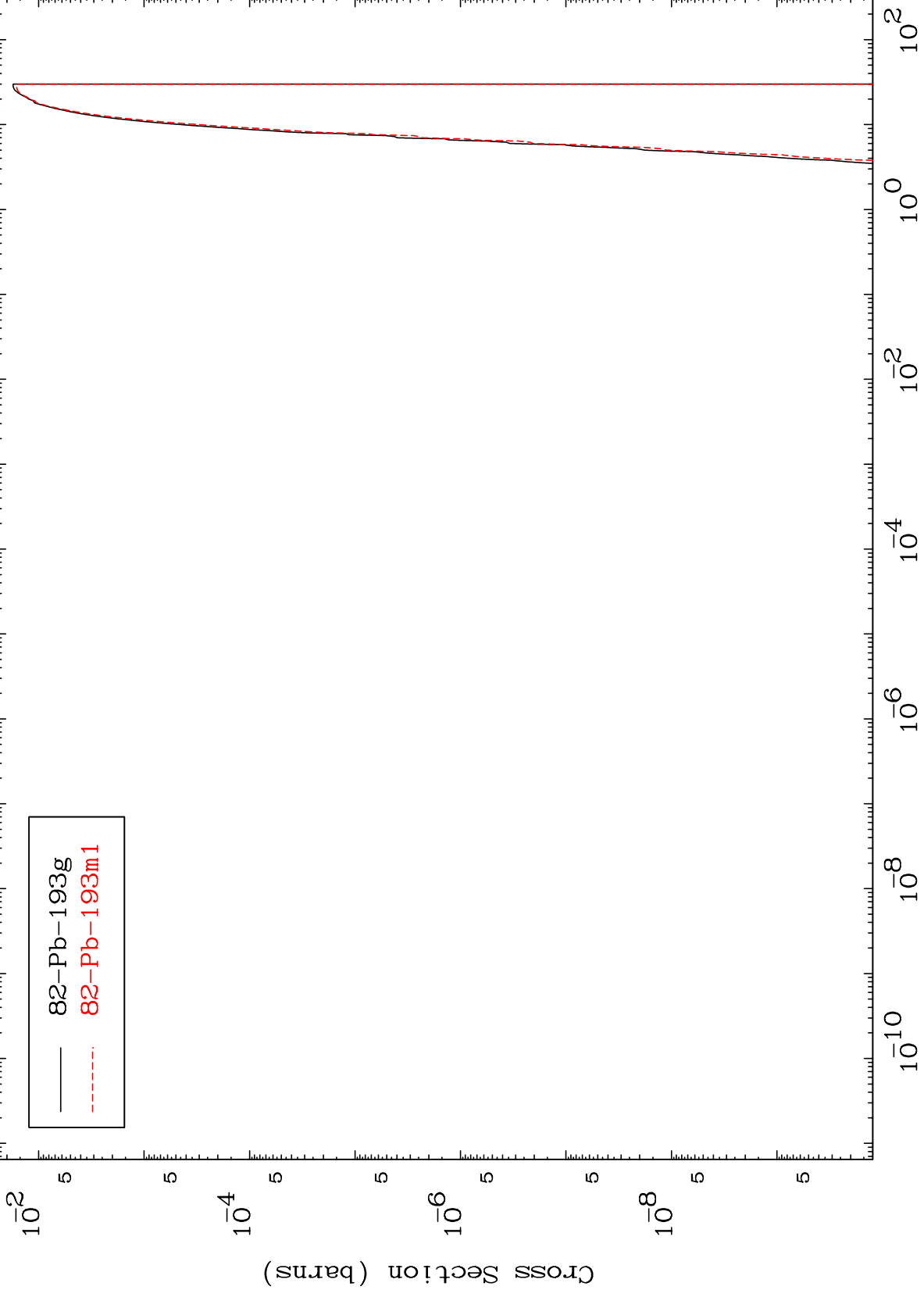
83-Bi-194

MAT 8280

(n,d)

⁸³Bi-194

Radionuclide Production Cross Section

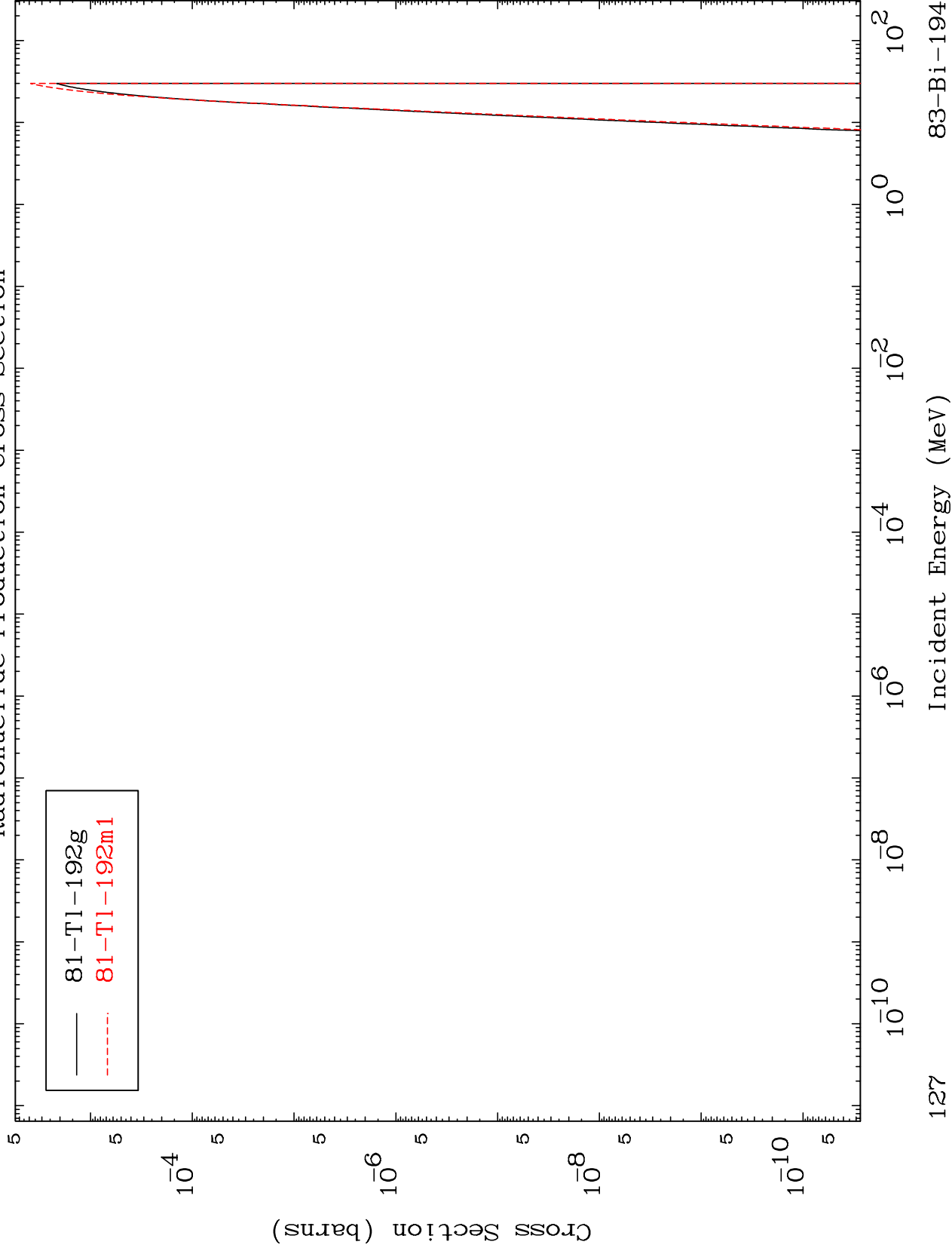


MAT 8280

(n,He-3)

83-Bi-194

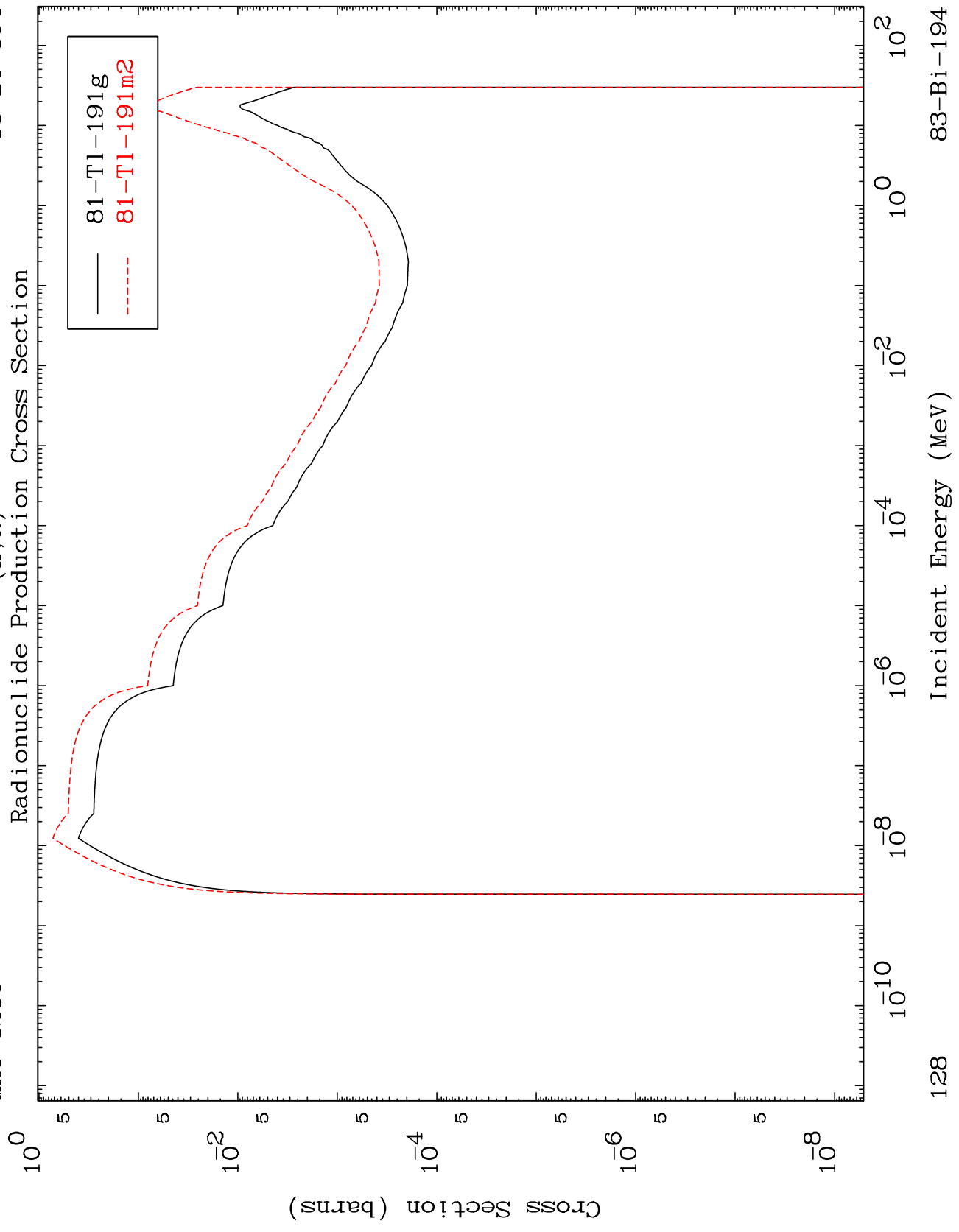
Radionuclide Production Cross Section



MAT 8280

(n, α)

83-Bi-194

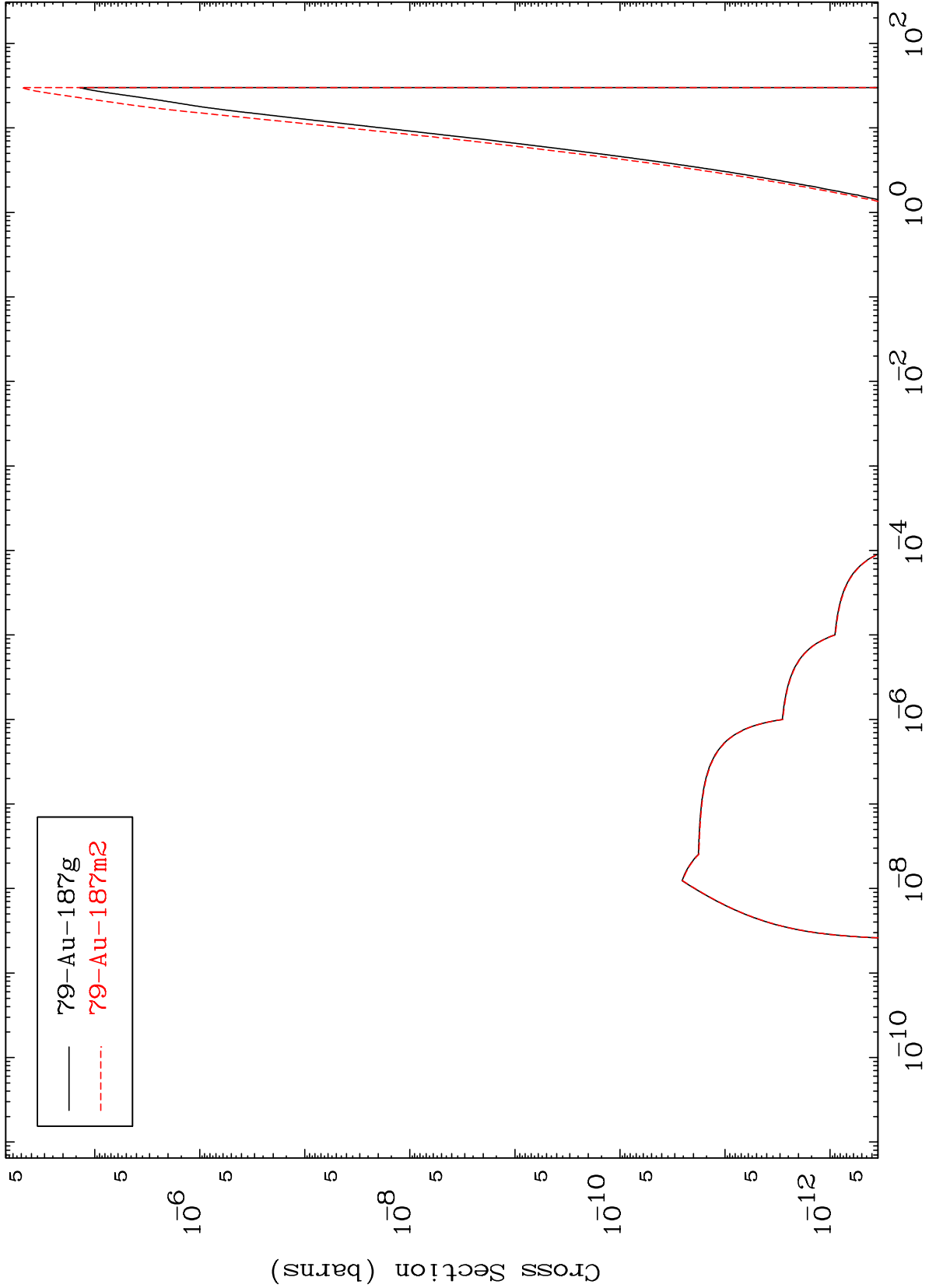


MAT 8280

(n,2α)

83-Bi-194

Radionuclide Production Cross Section



129

Incident Energy (MeV)

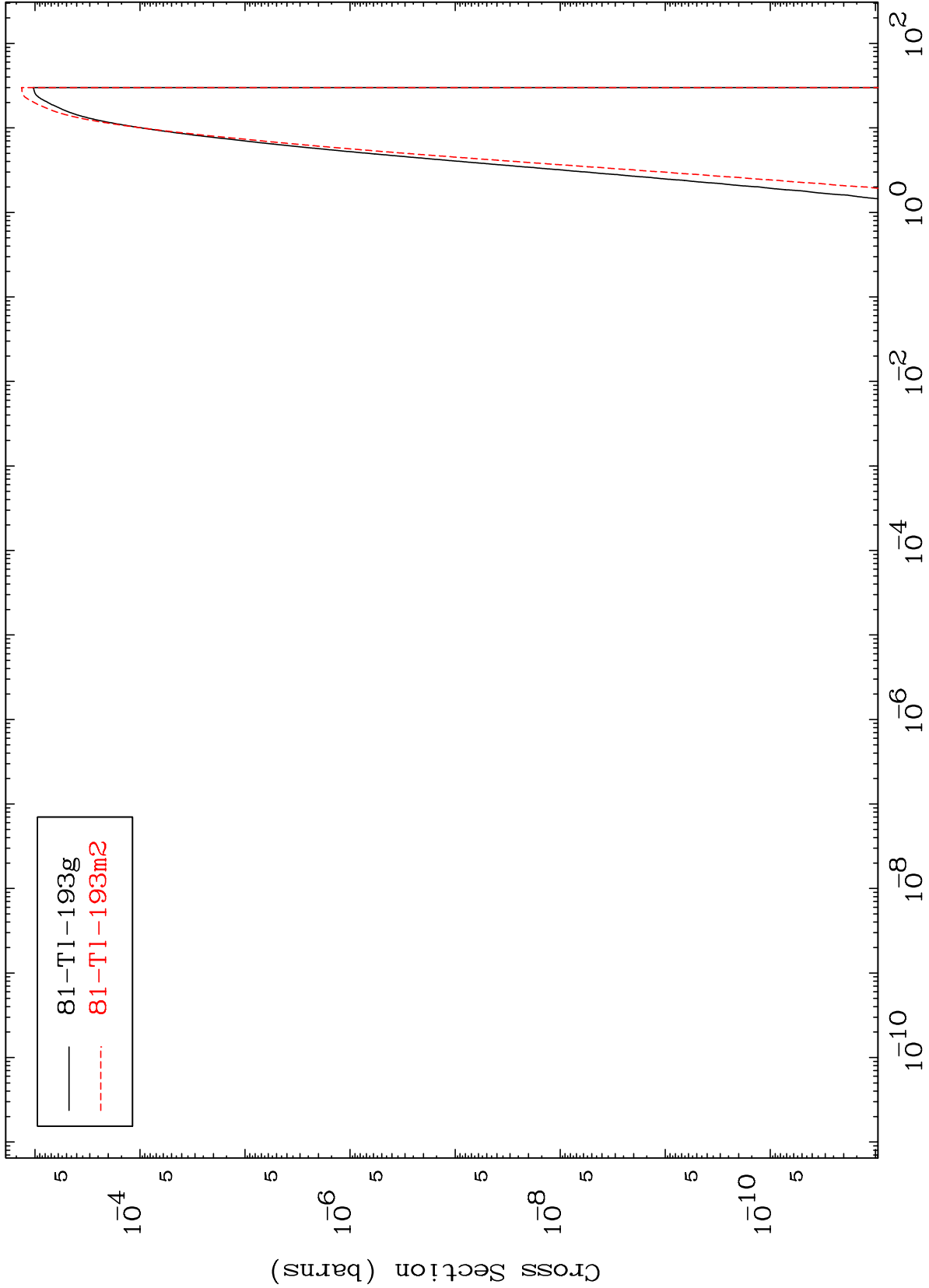
83-Bi-194

MAT 8280

(n,2p)

83-Bi-194

Radionuclide Production Cross Section



130

Incident Energy (MeV)

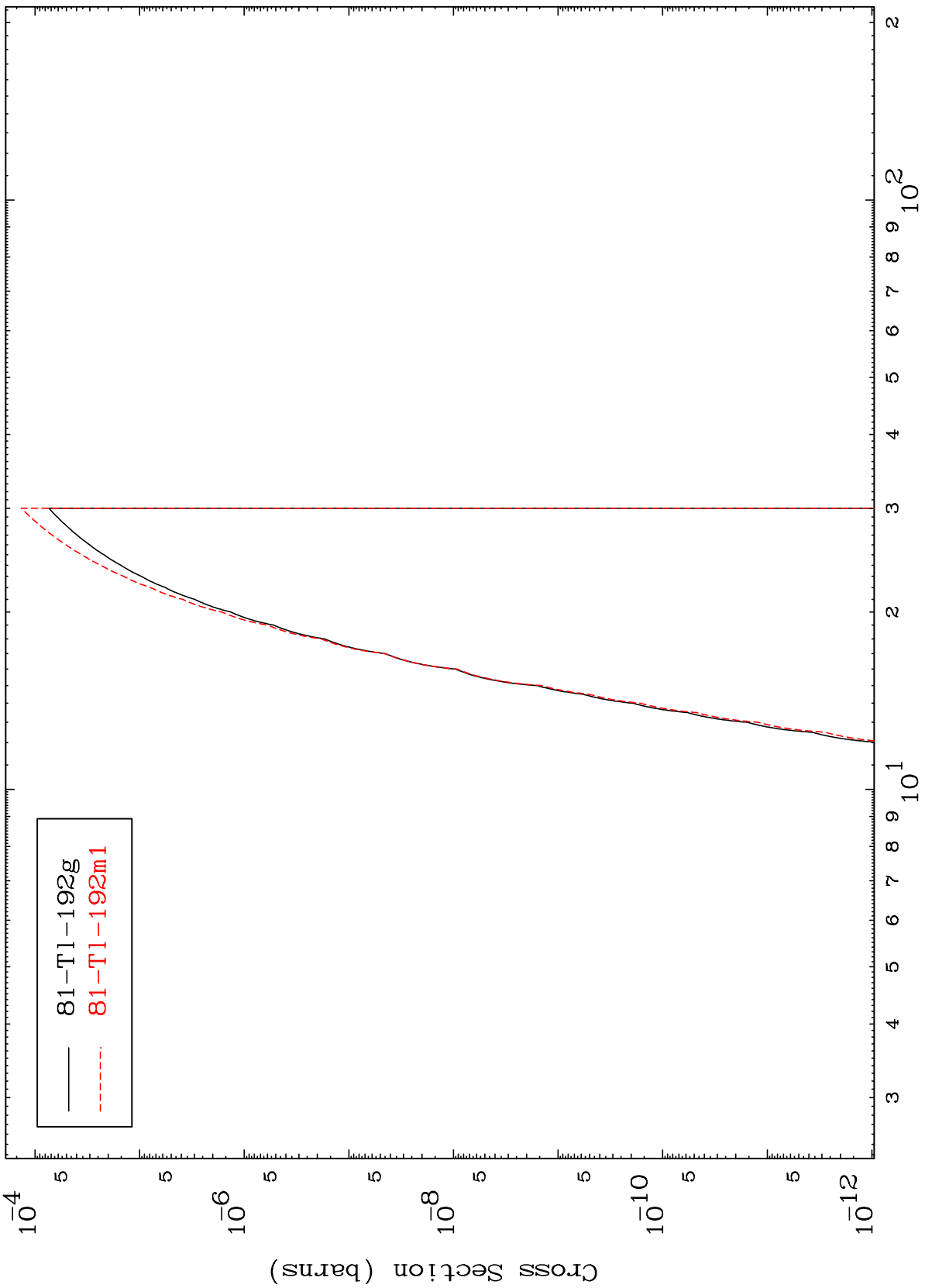
83-Bi-194

MAT 8280

(n,p) d

83-Bi-194

Radionuclide Production Cross Section



131

Incident Energy (MeV)

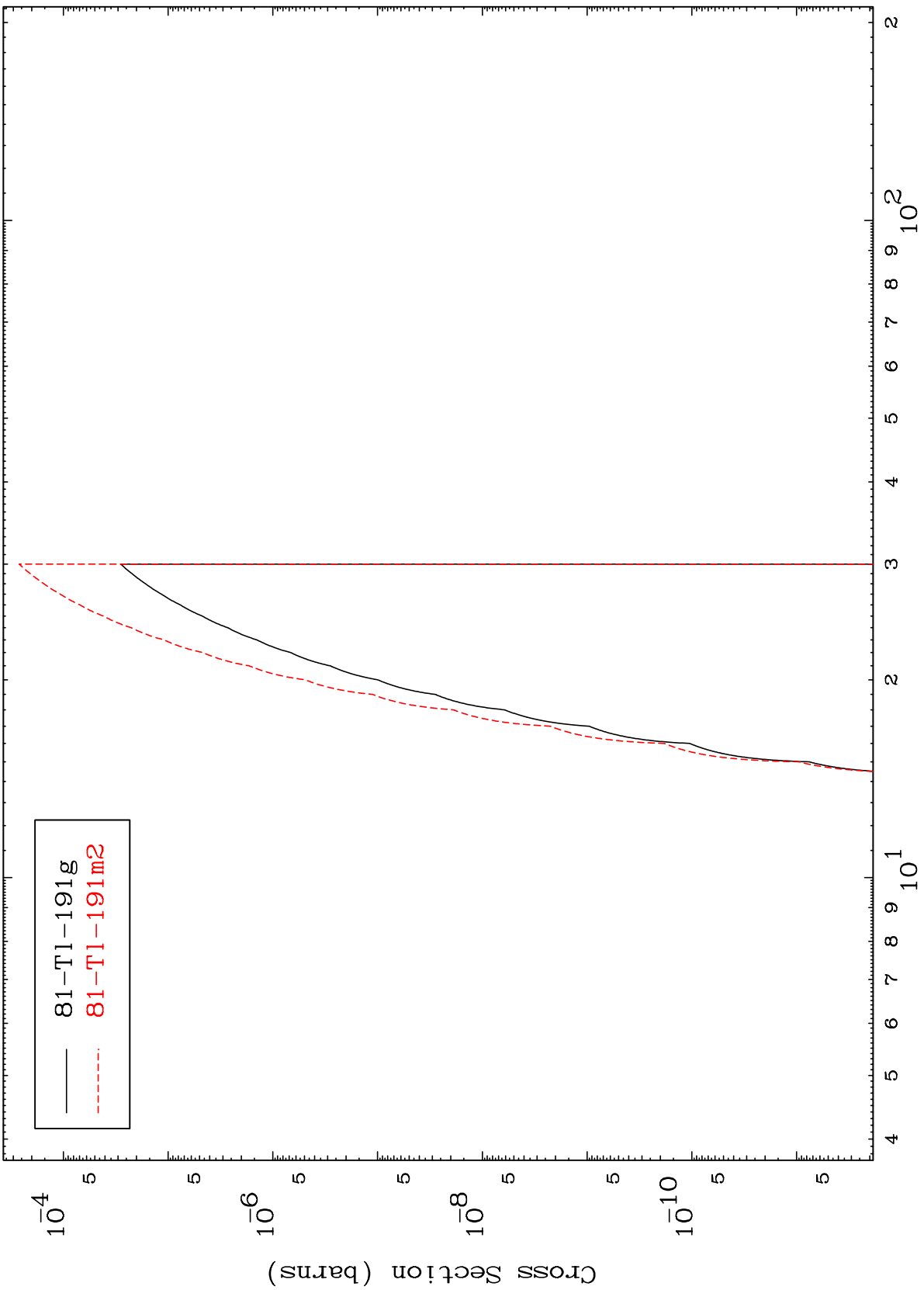
83-Bi-194

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) α

83-Bi-194

Radionuclide Production Cross Section

