

Program EVALPLOT
(Version 2017-1)

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

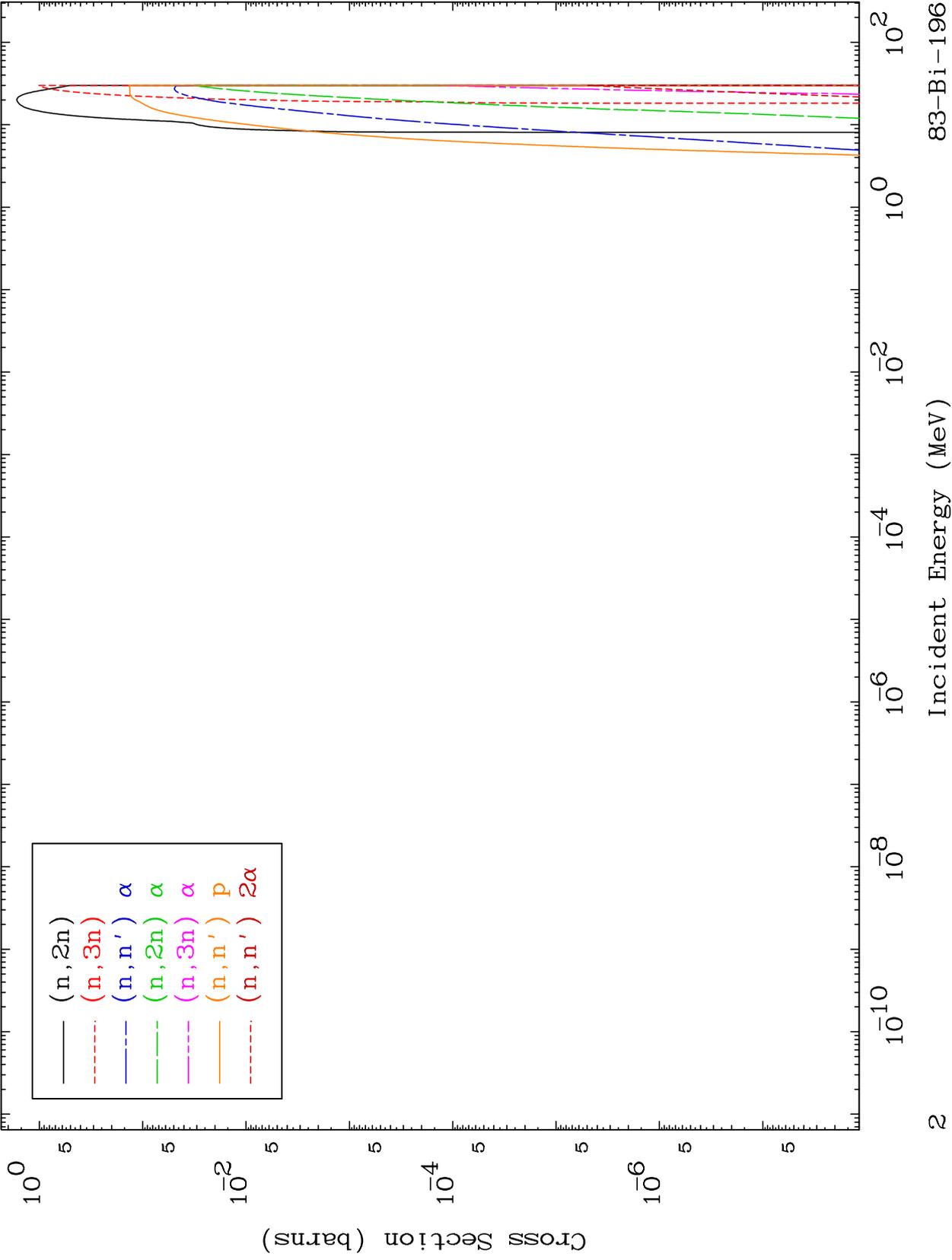
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Press Mouse Button to Start

MAT 8286

Neutron Production
293 Kelvin Cross Sections

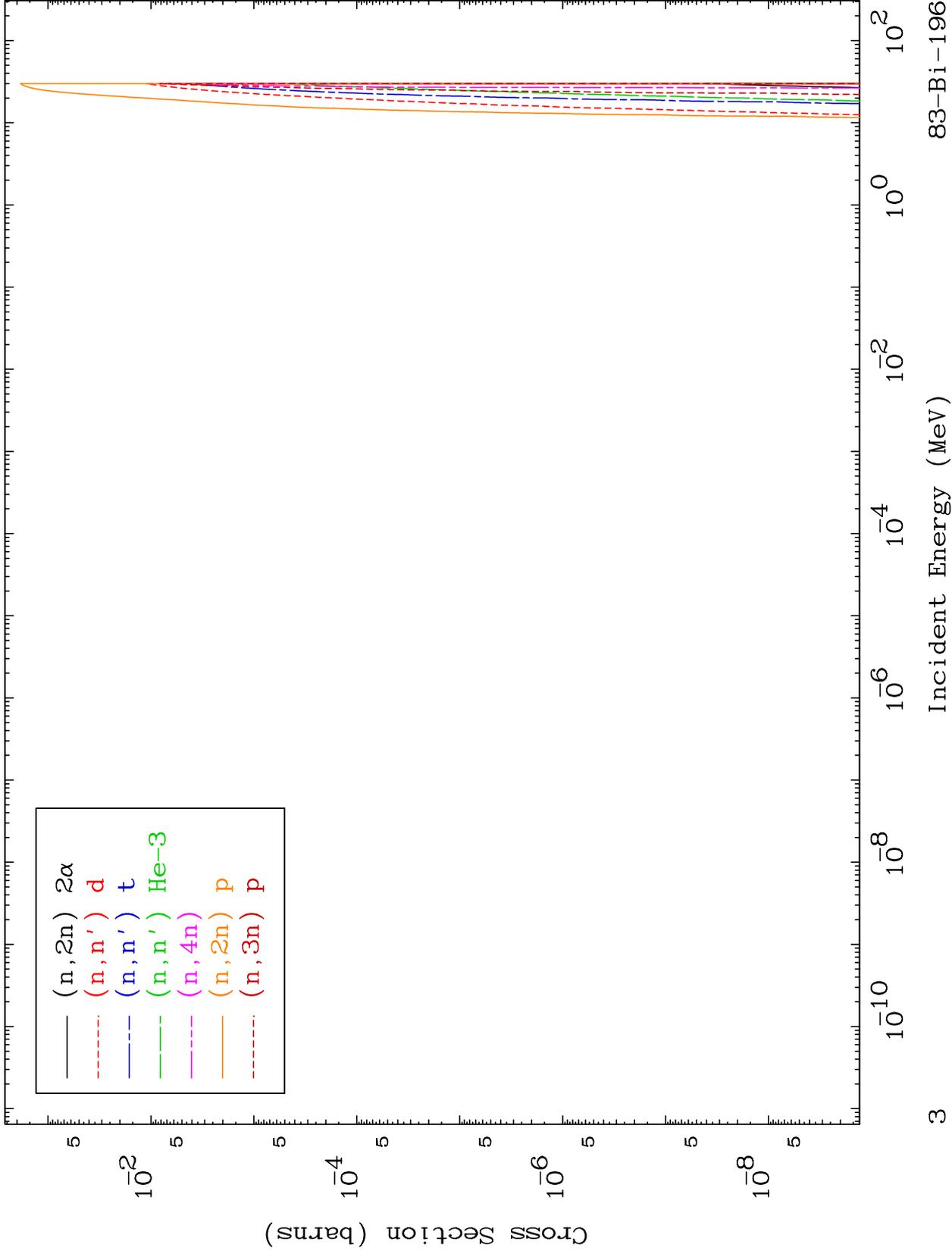
83-Bi-196



MAT 8286

Neutron Production
293 Kelvin Cross Sections

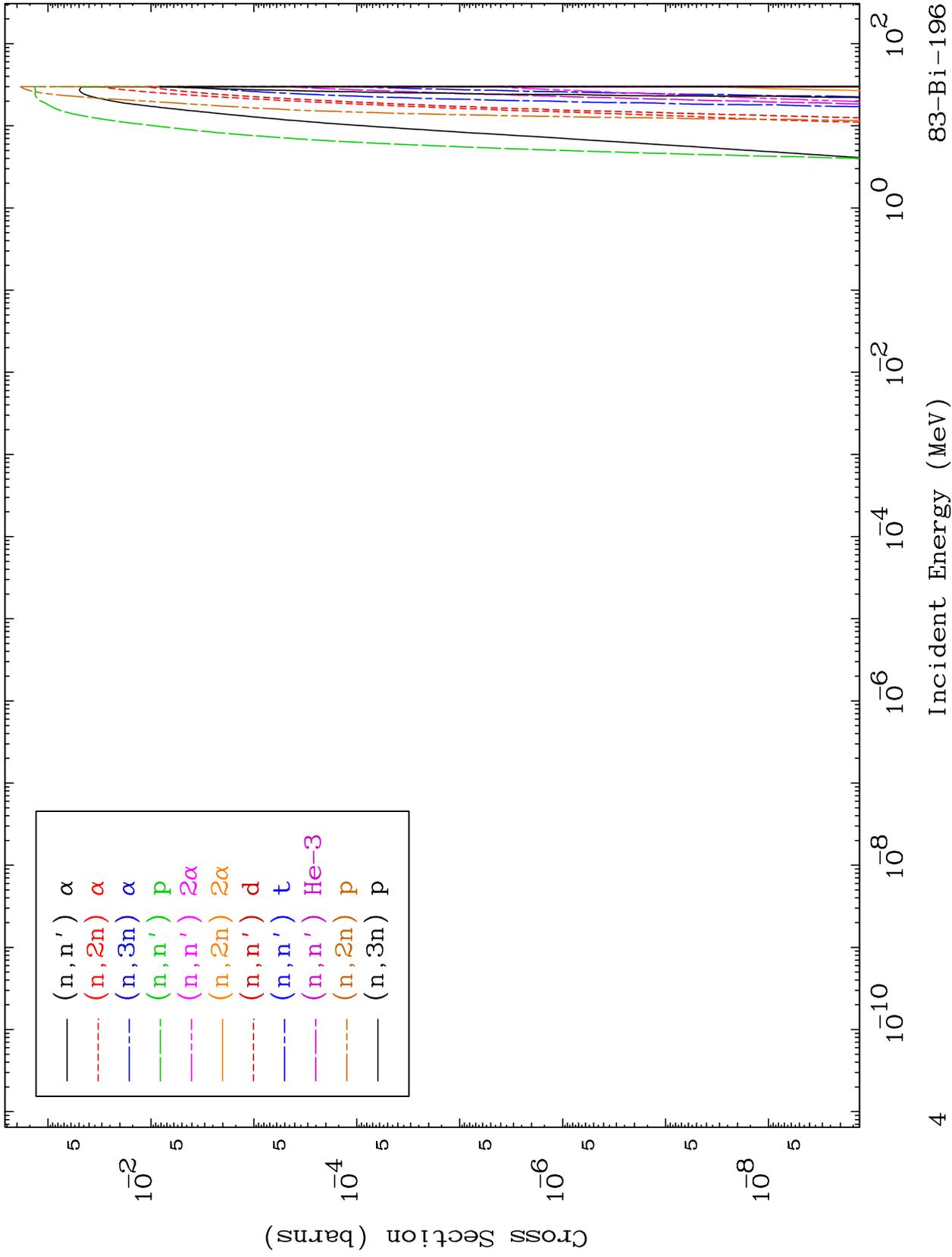
83-Bi-196



MAT 8286

Charged Particle
293 Kelvin Cross Sections

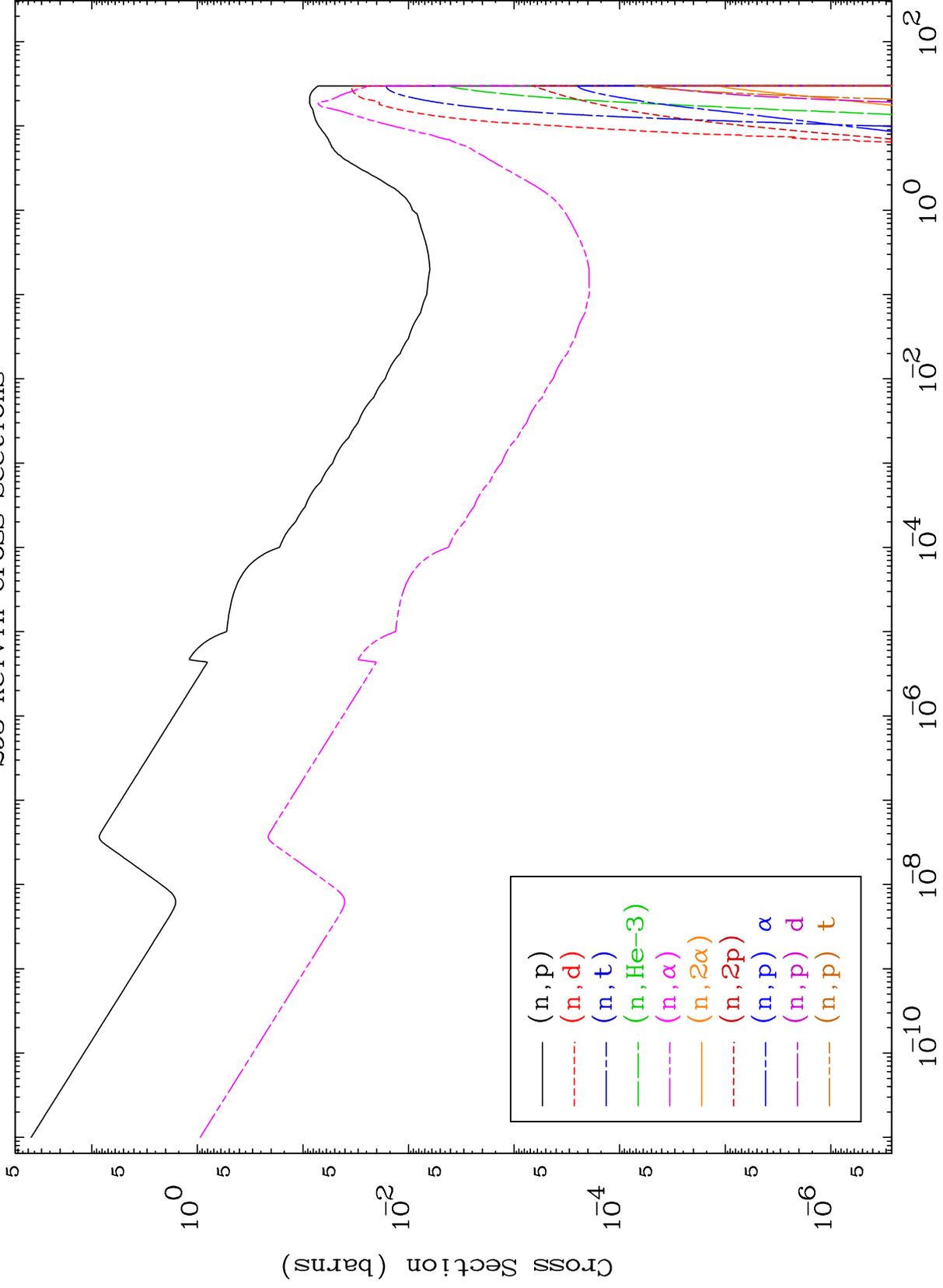
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MAT 8286

Charged Particle
293 Kelvin Cross Sections

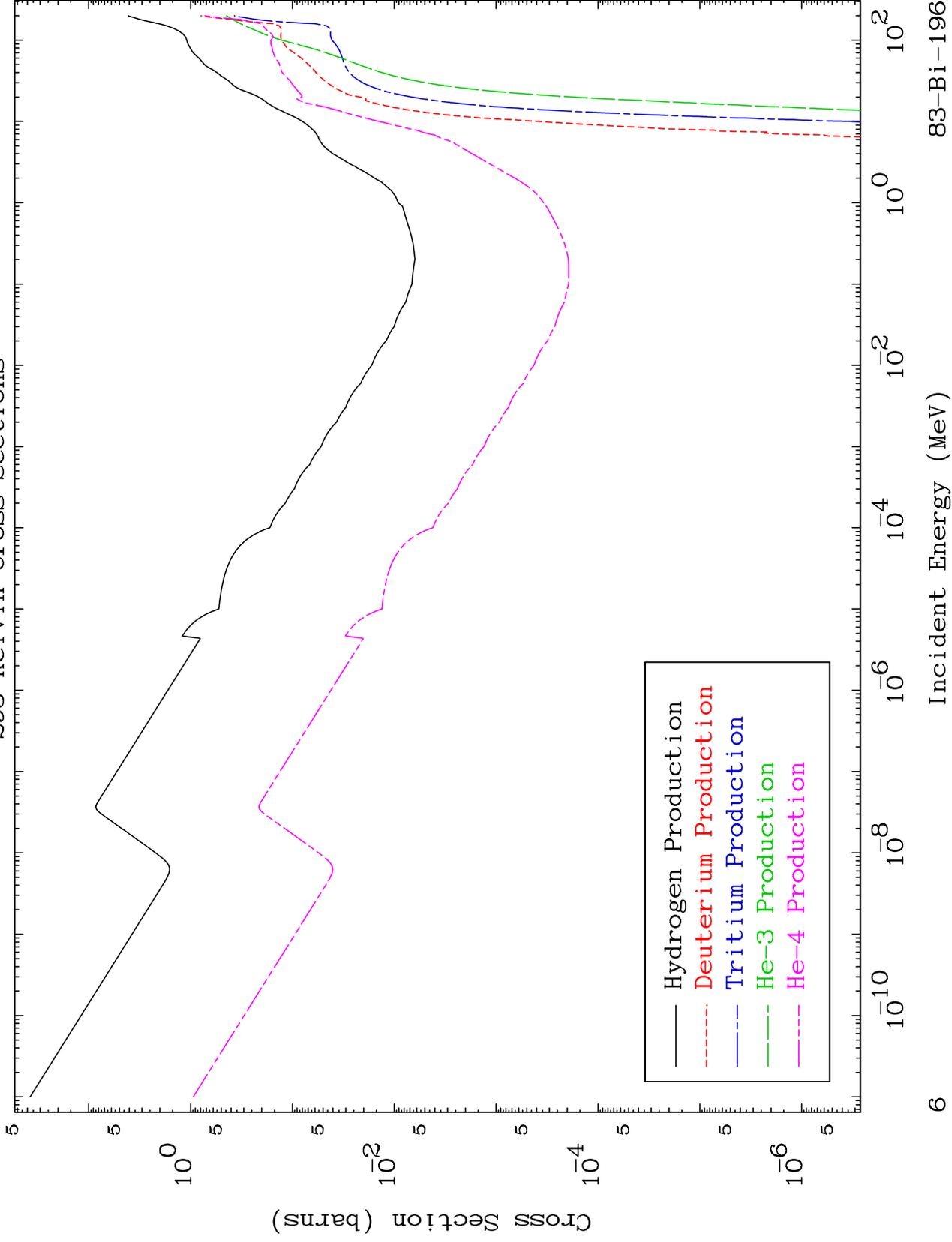
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MAT 8286

Particle Production
293 Kelvin Cross Sections

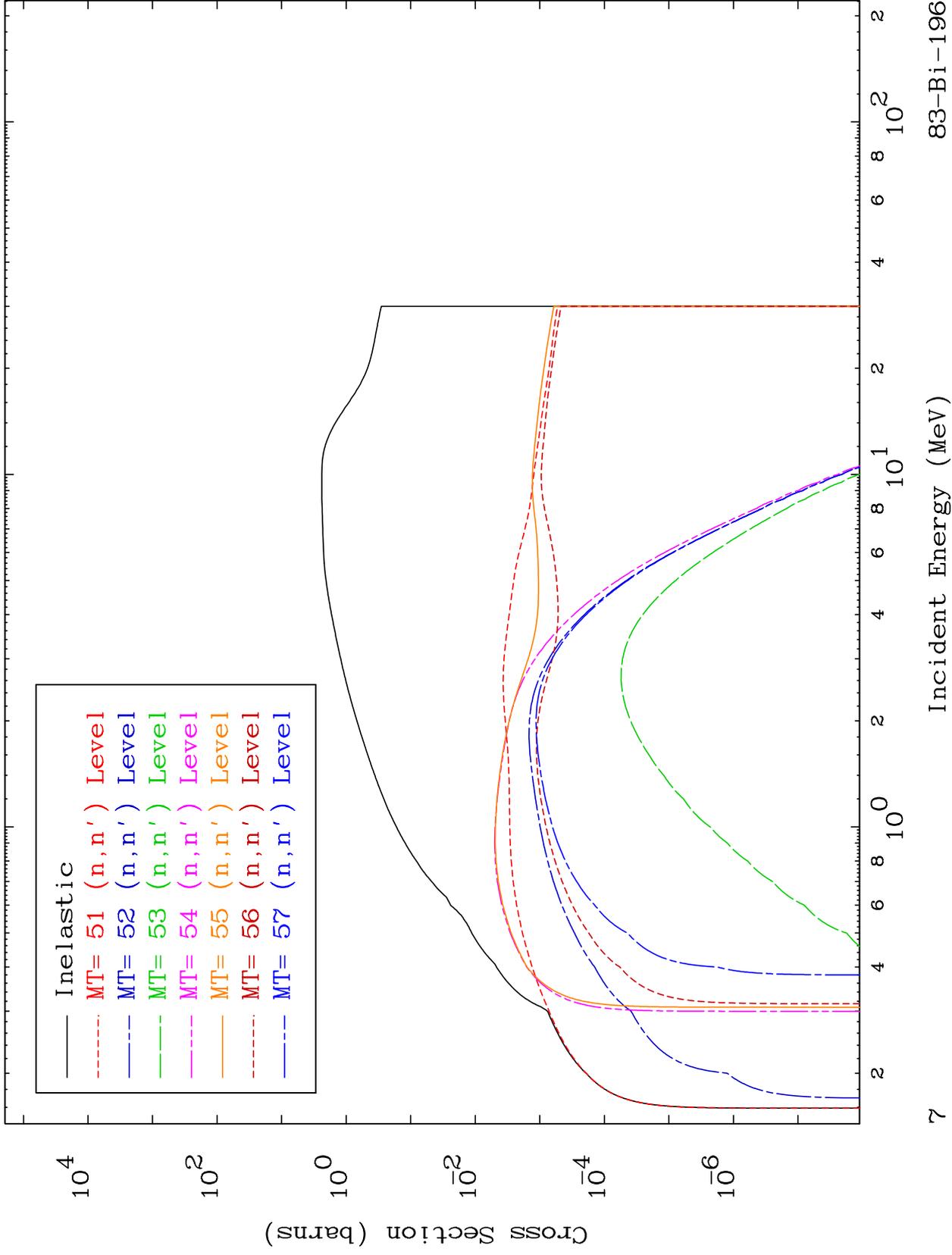
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MAT 8286

(n,n') Level
293 Kelvin Cross Sections

83-Bi-196

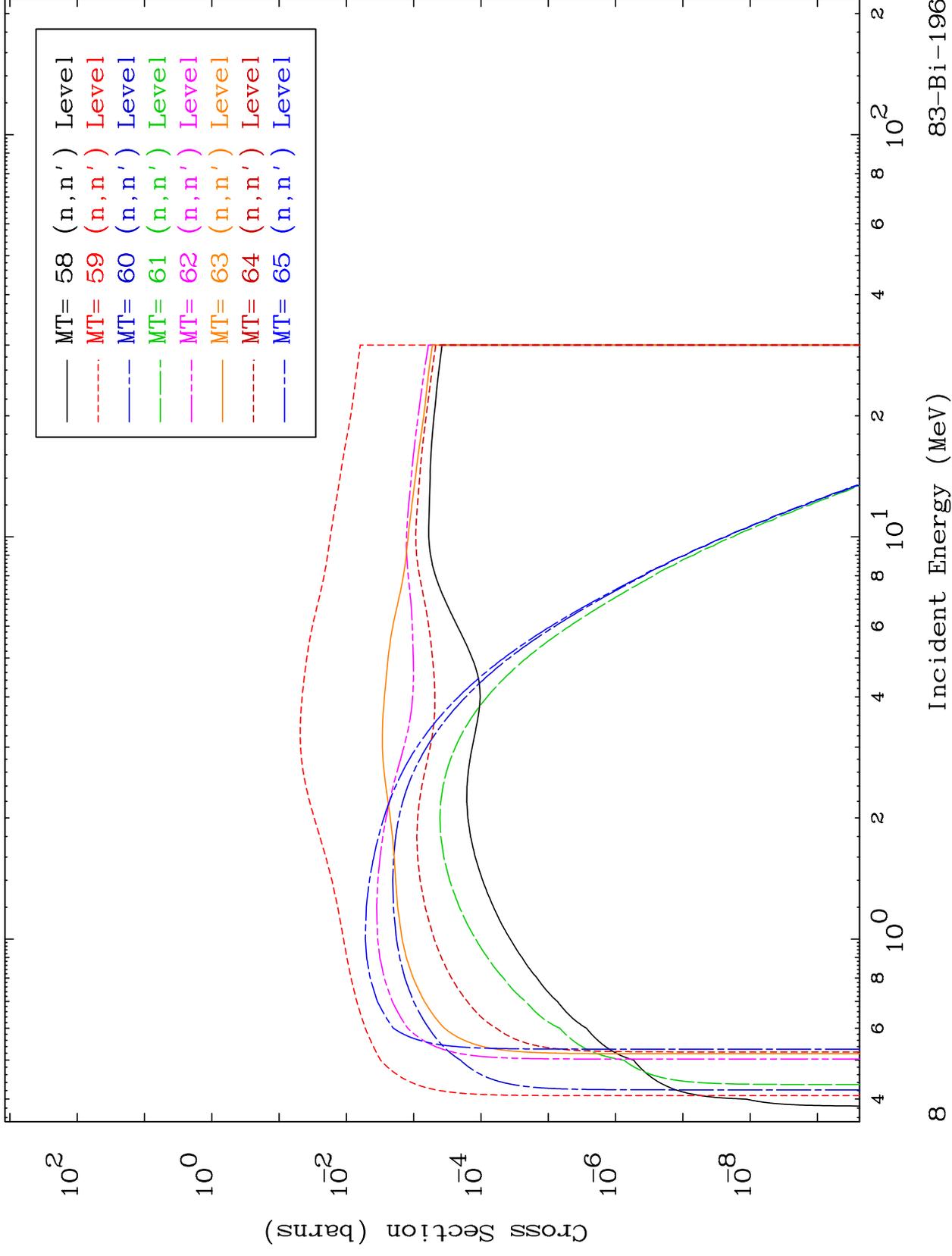


MAT 8286

(n,n') Level

293 Kelvin Cross Sections

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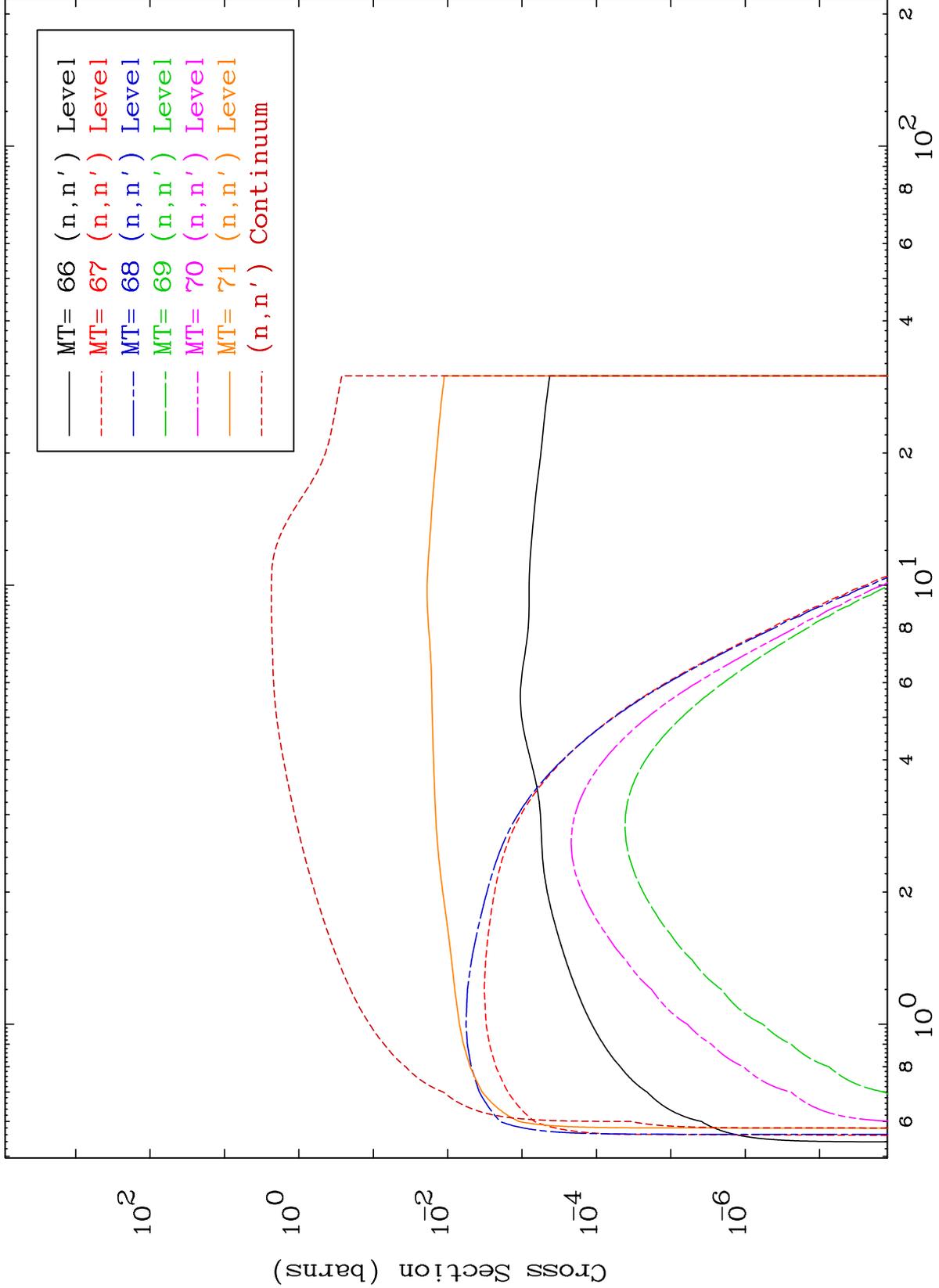


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Incident Energy (MeV)

83-Bi-196

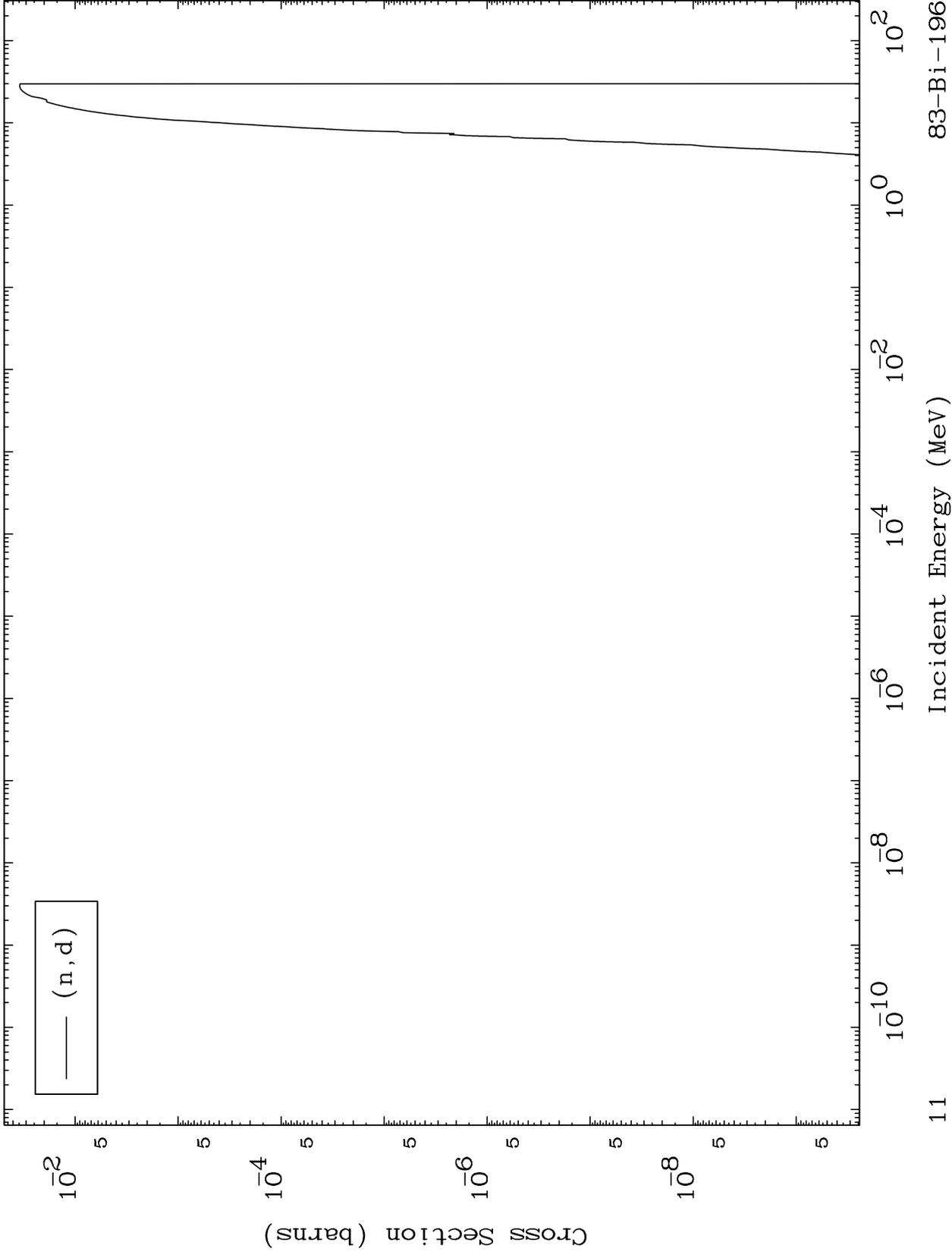
293 Kelvin Cross Sections



MAT 8286

(n,d) Levels
293 Kelvin Cross Sections

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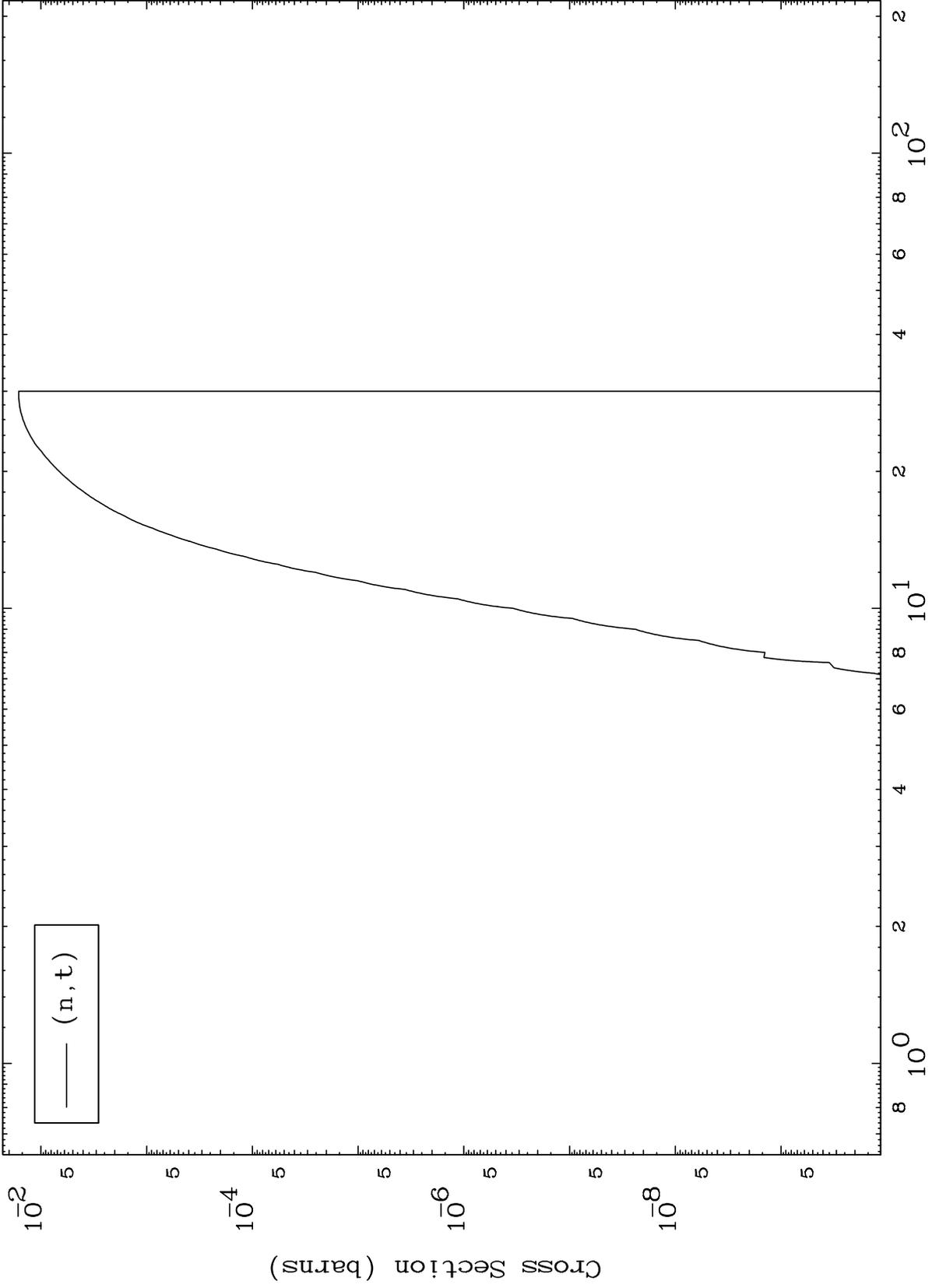


83-Bi-196

MAT 8286

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-196



(n,t)

12

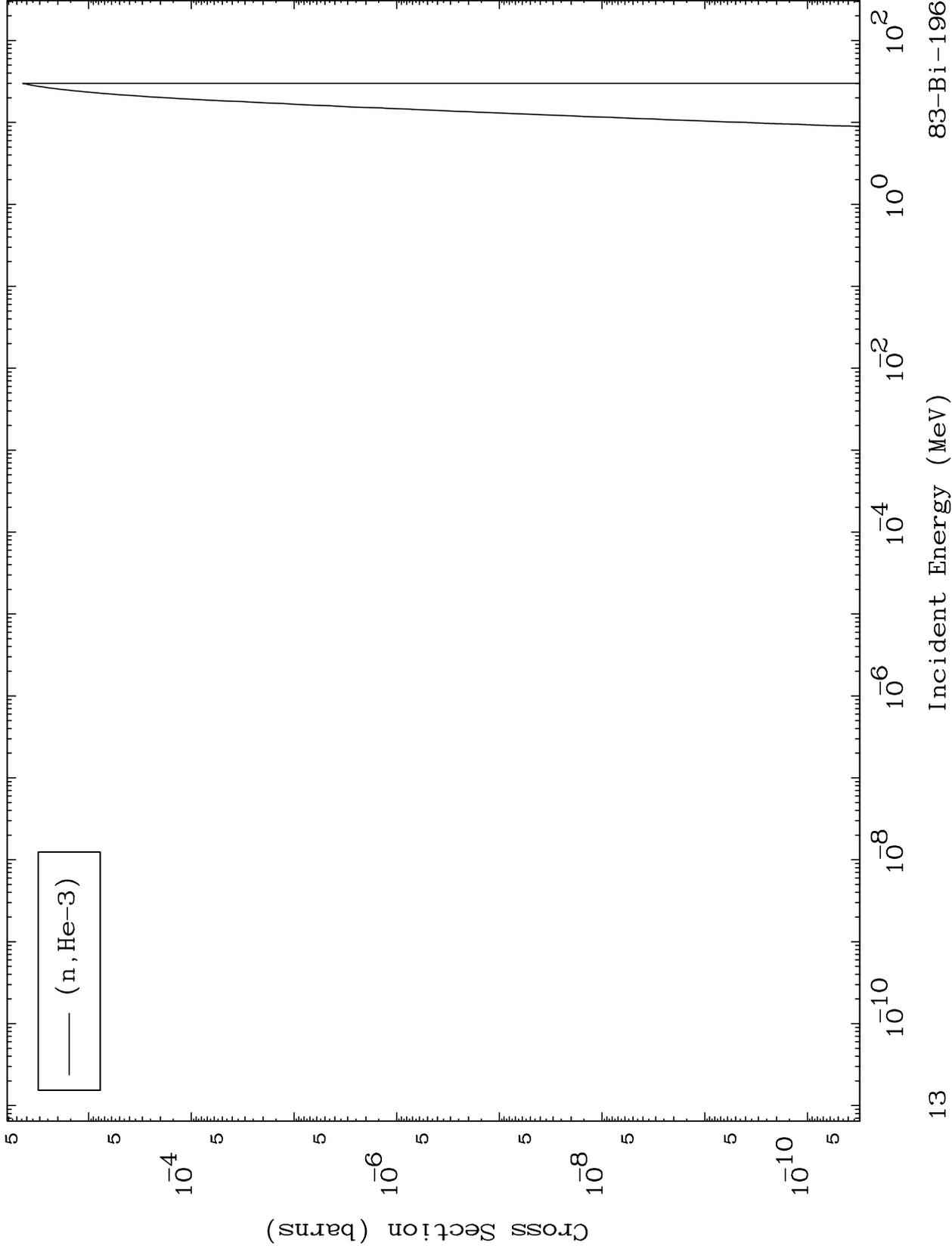
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83-Bi-196

MAT 8286

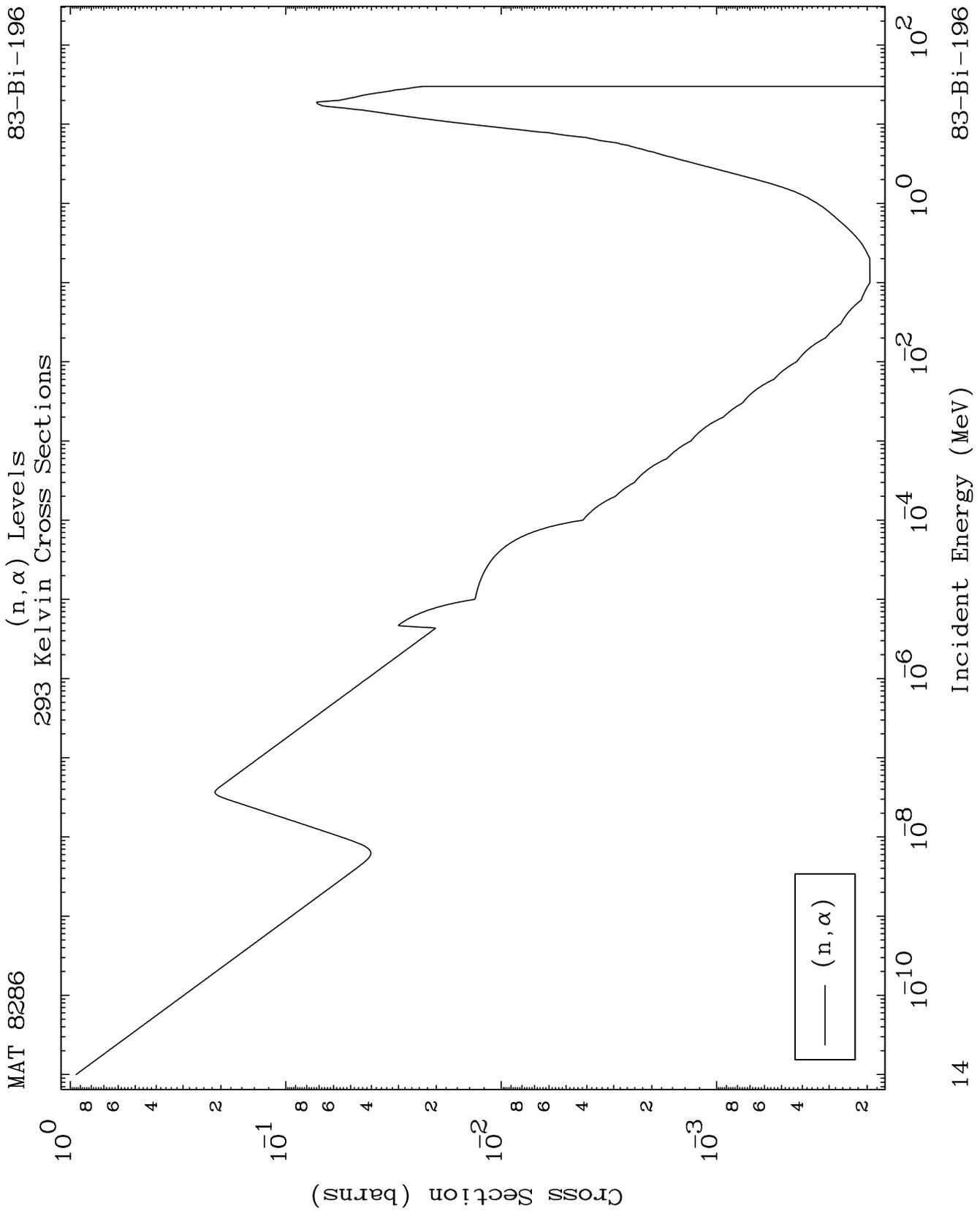
(n,He3) Levels
293 Kelvin Cross Sections

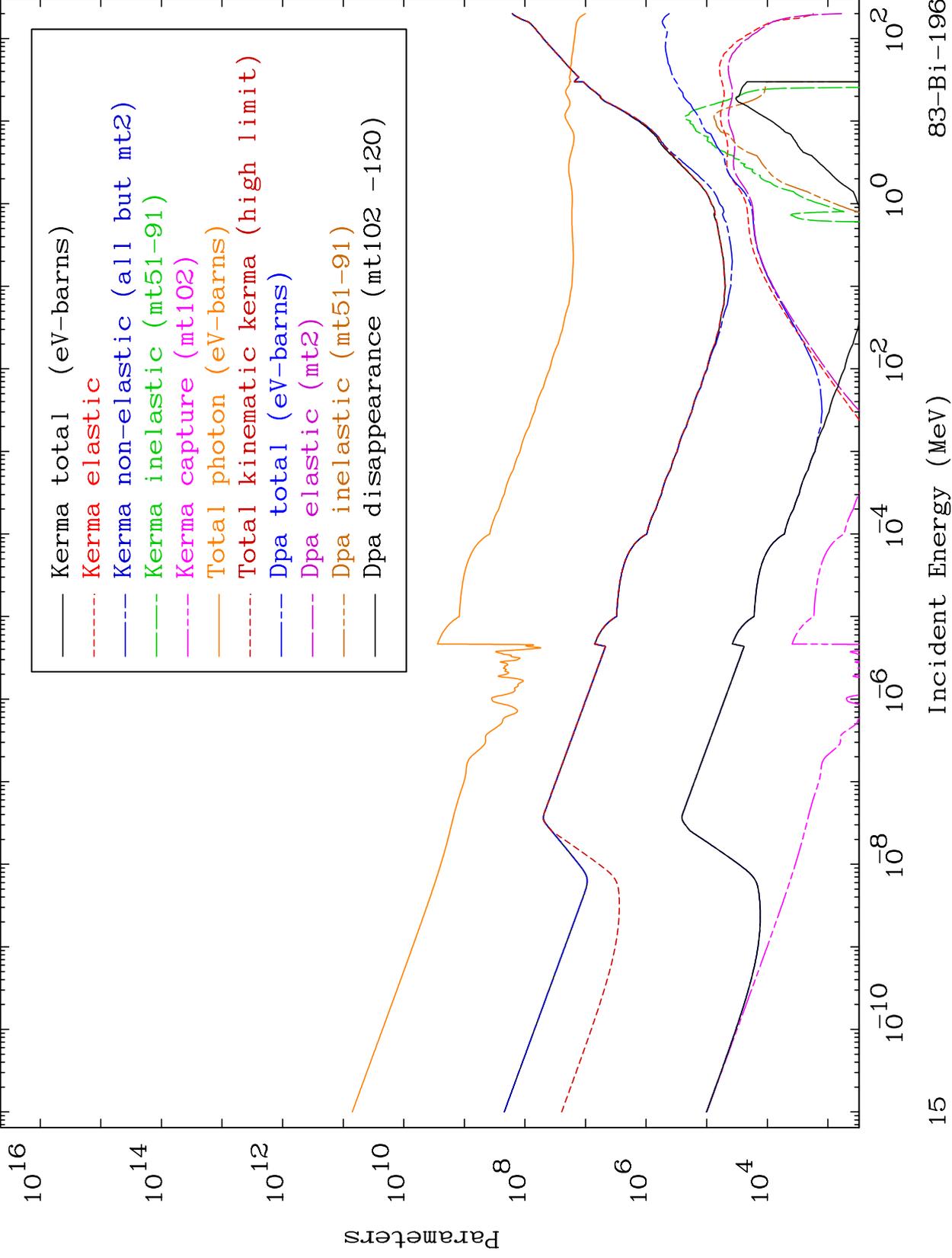
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13

83-Bi-196

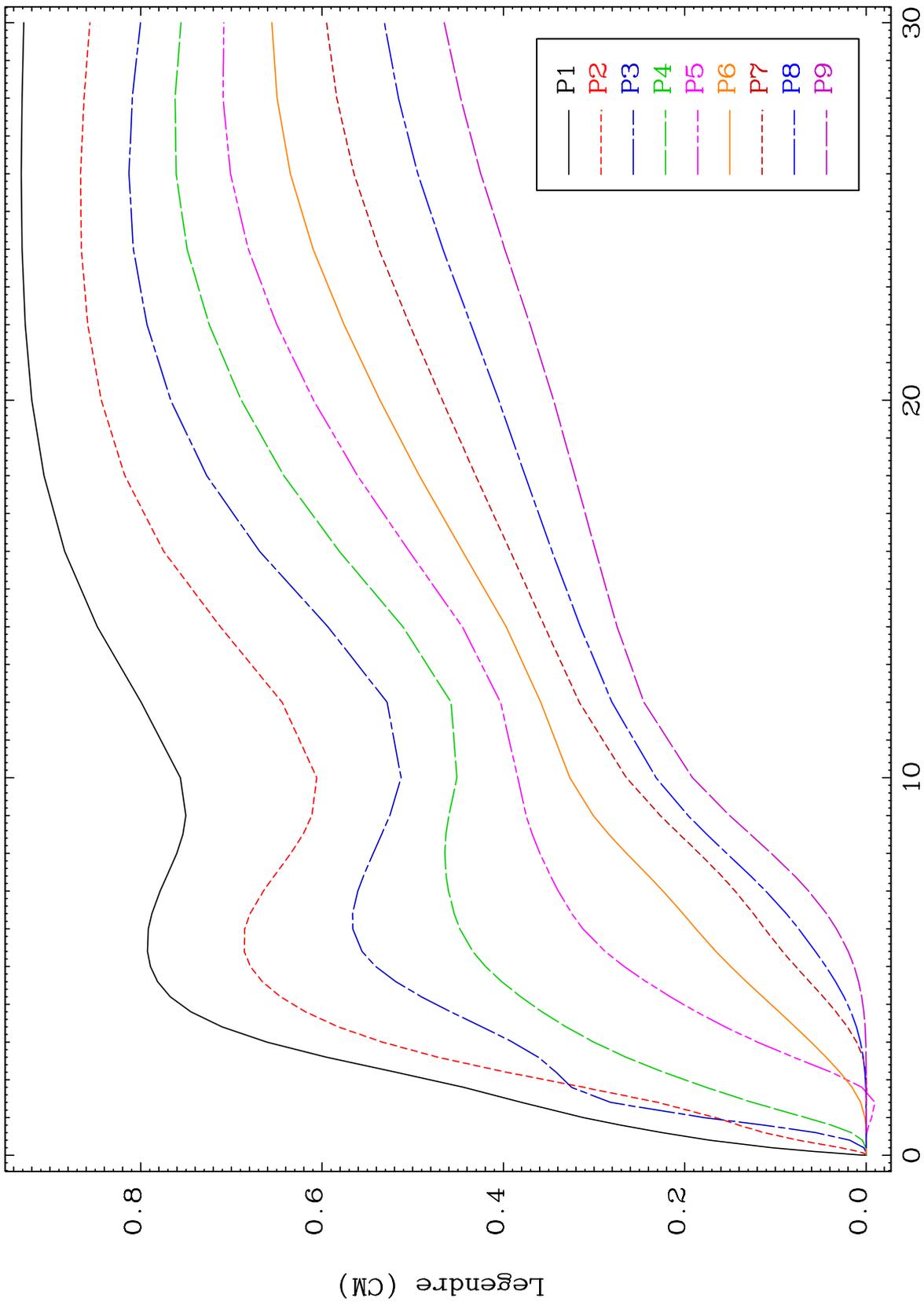




MAT 8286

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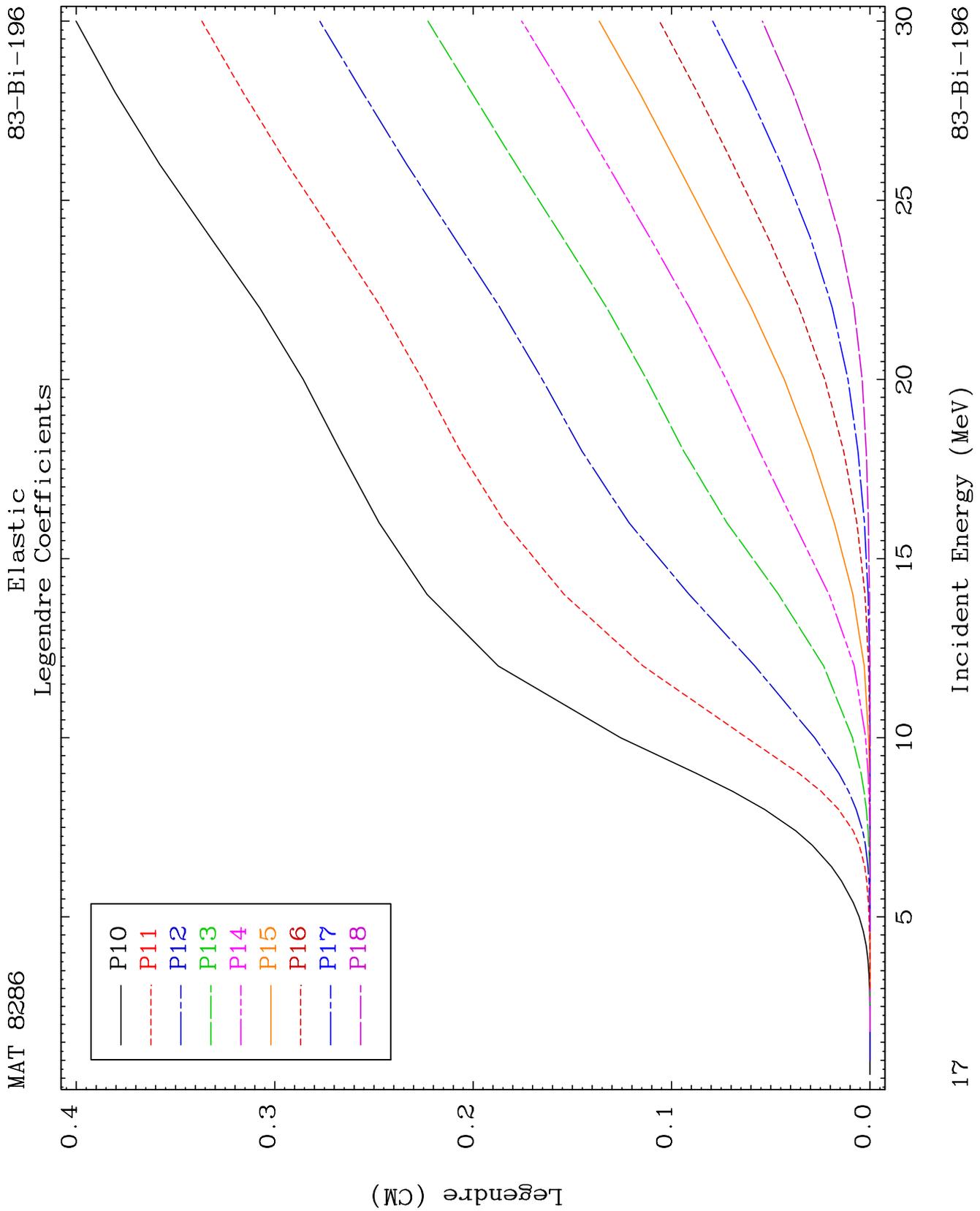
Elastic Legendre Coefficients



83-Bi-196

Incident Energy (MeV)

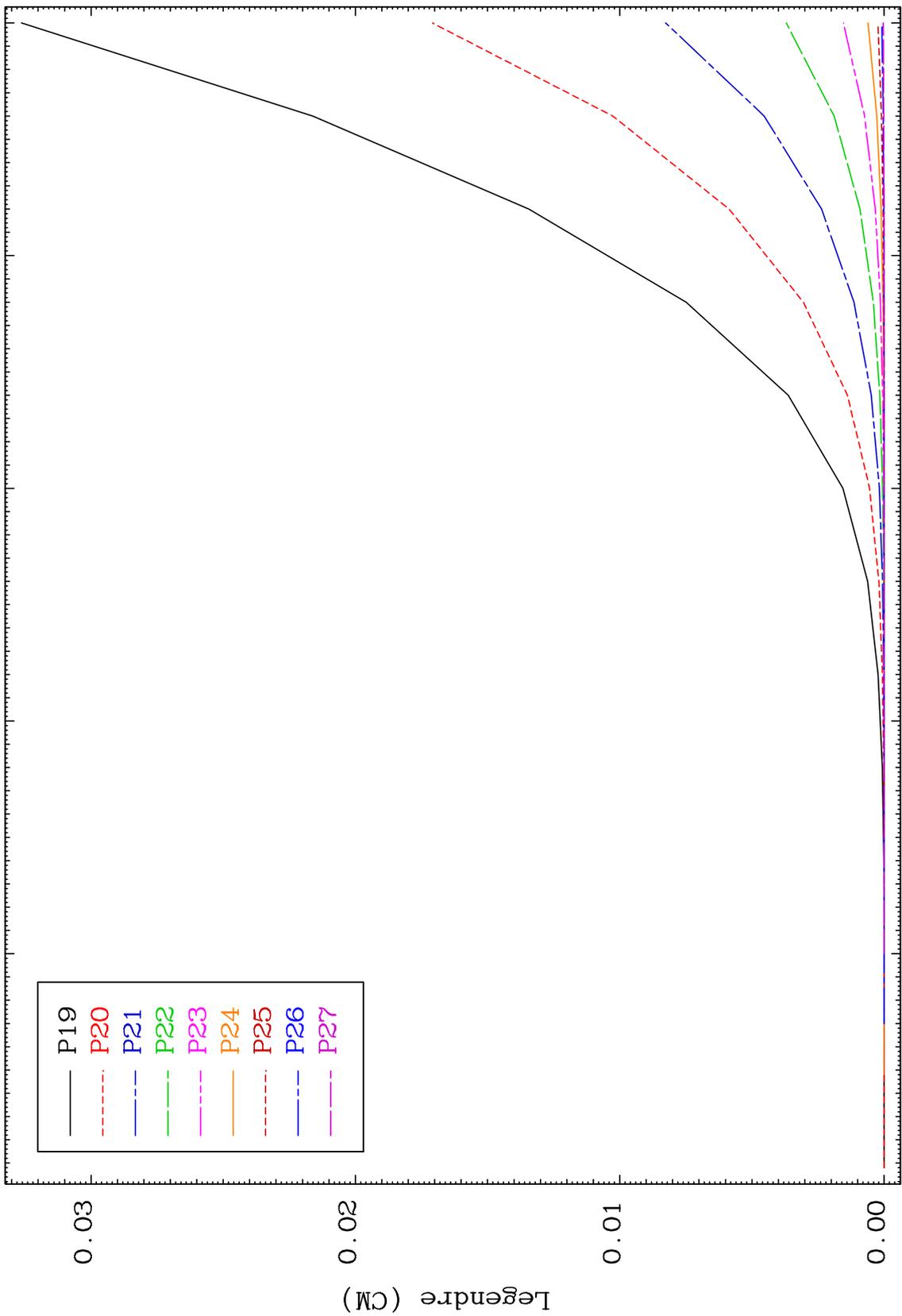
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MAT 8286

Elastic Legendre Coefficients

83-Bi-196



18

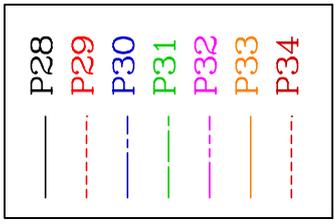
Incident Energy (MeV)

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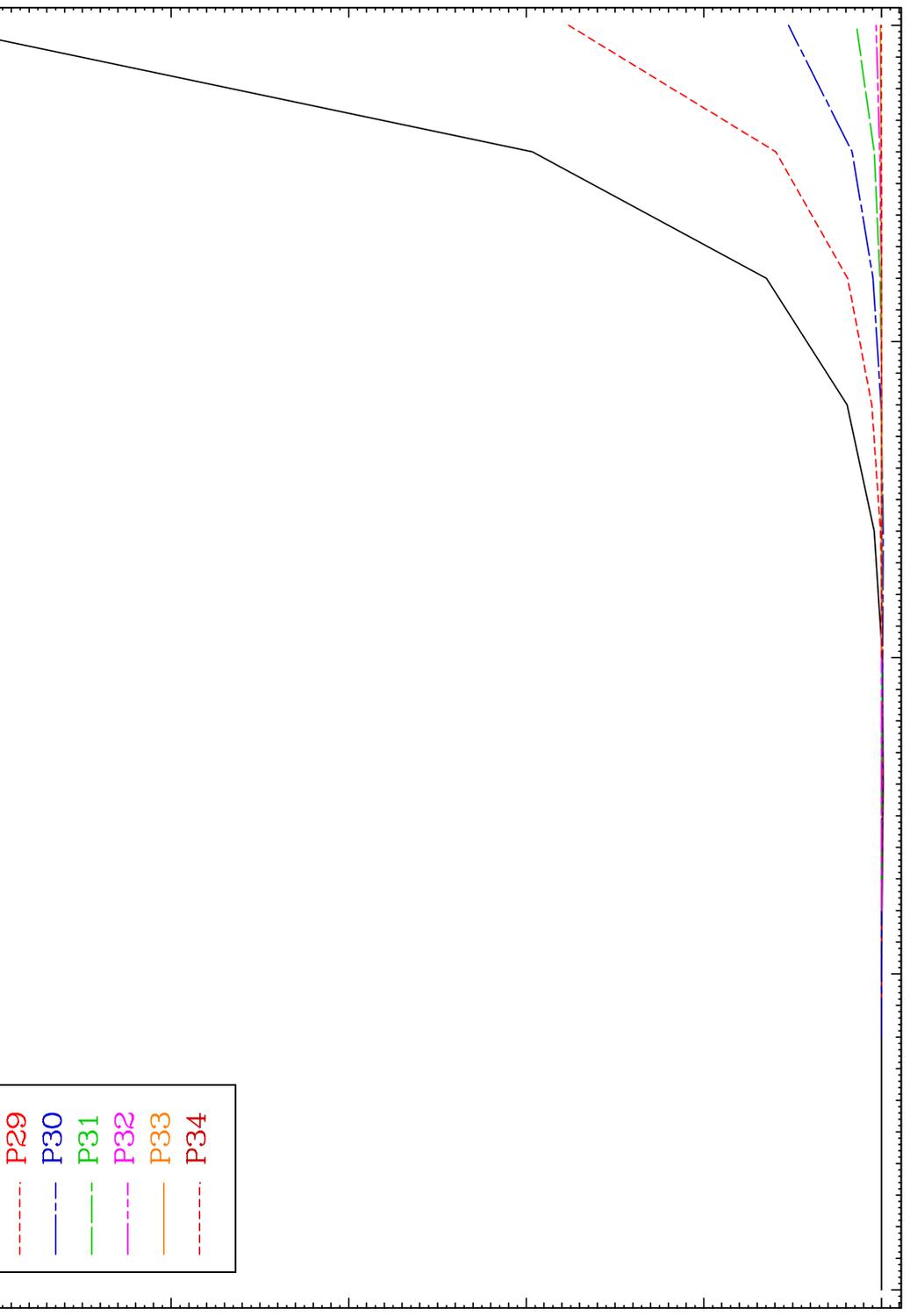
MAT 8286

Elastic Legendre Coefficients

83-Bi-196



$\times 10^{-5}$
Legendre (CM)



10

Incident Energy (MeV)

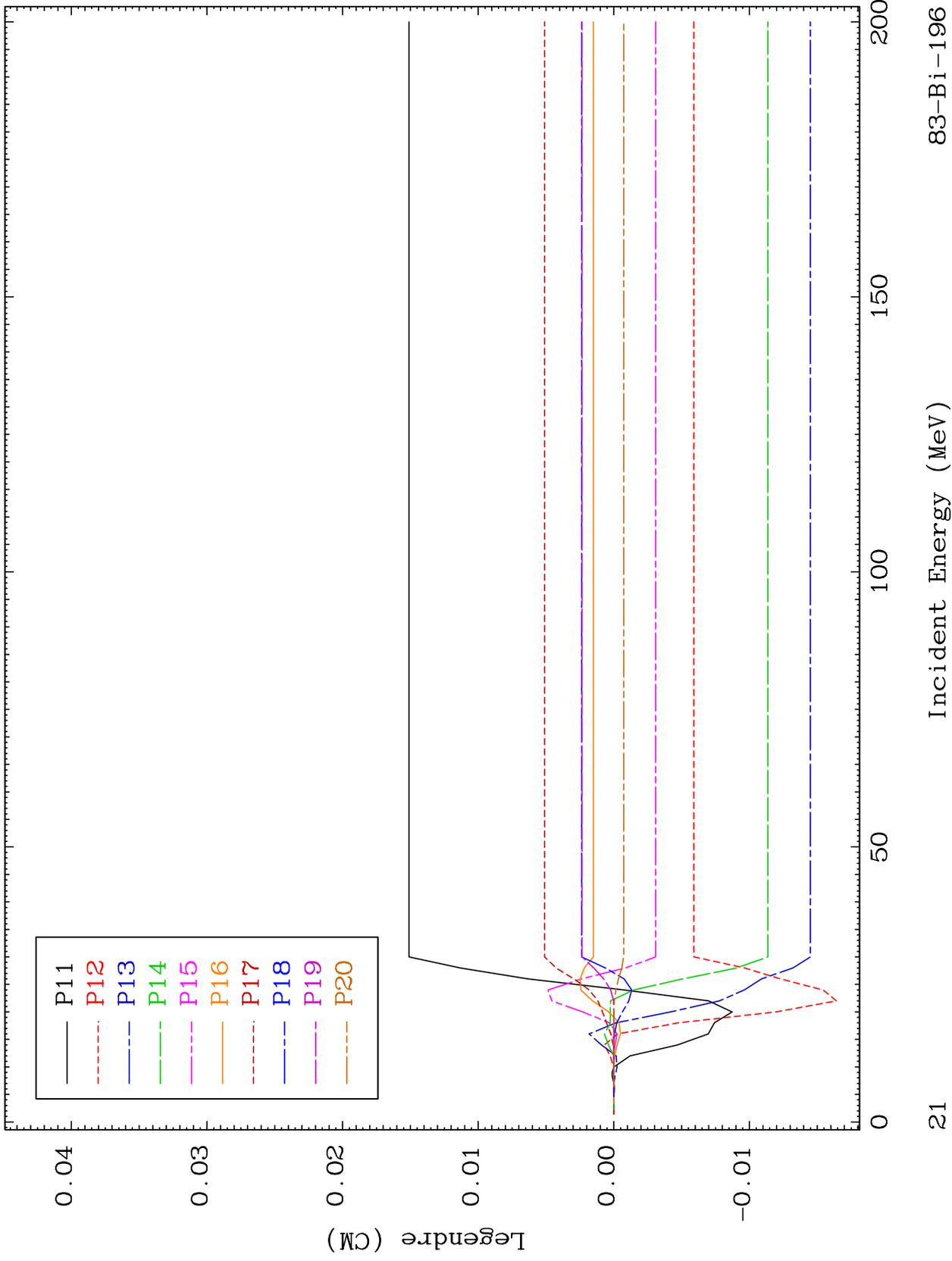
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19

MAT 8286

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

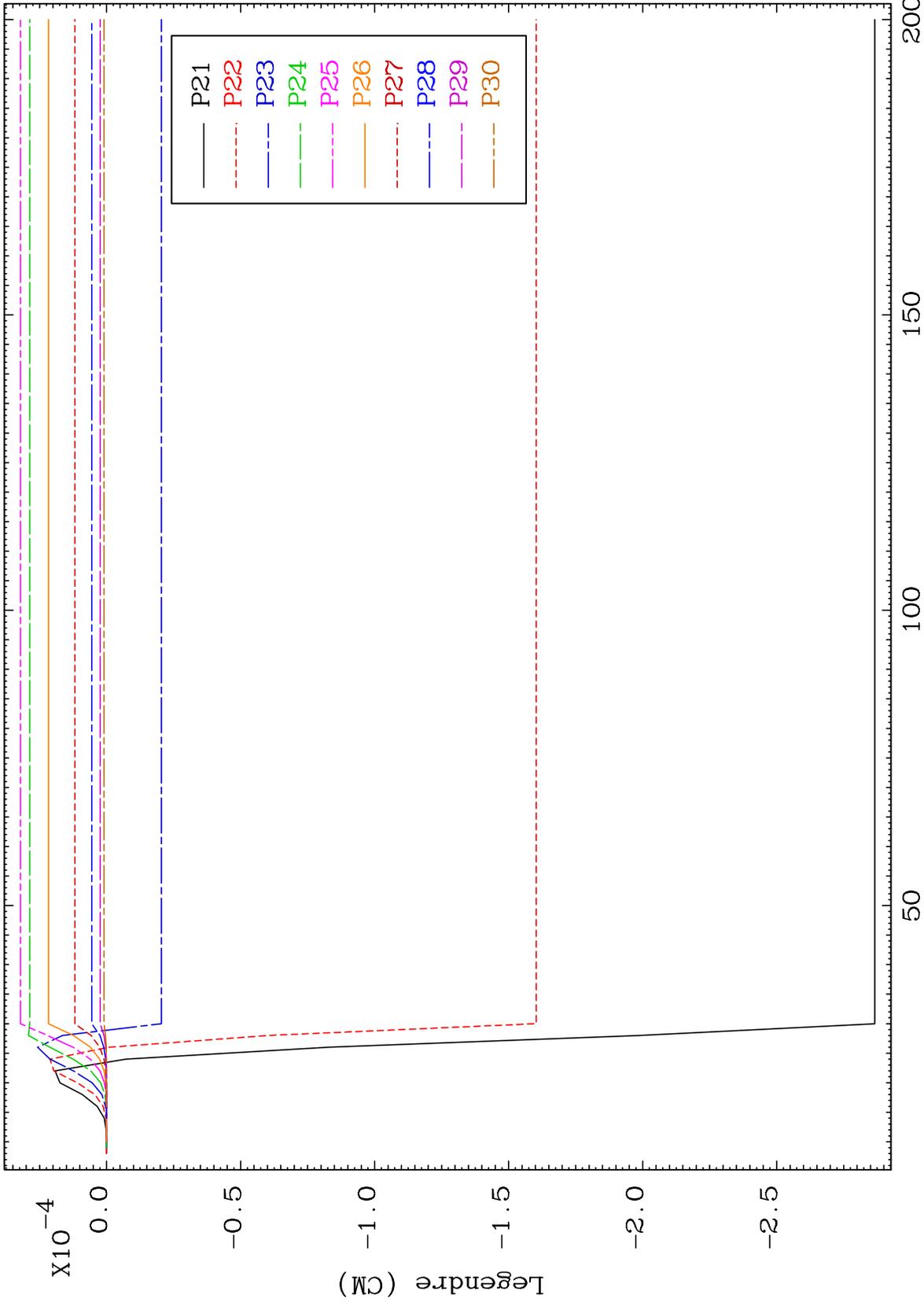
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Incident Energy (MeV)

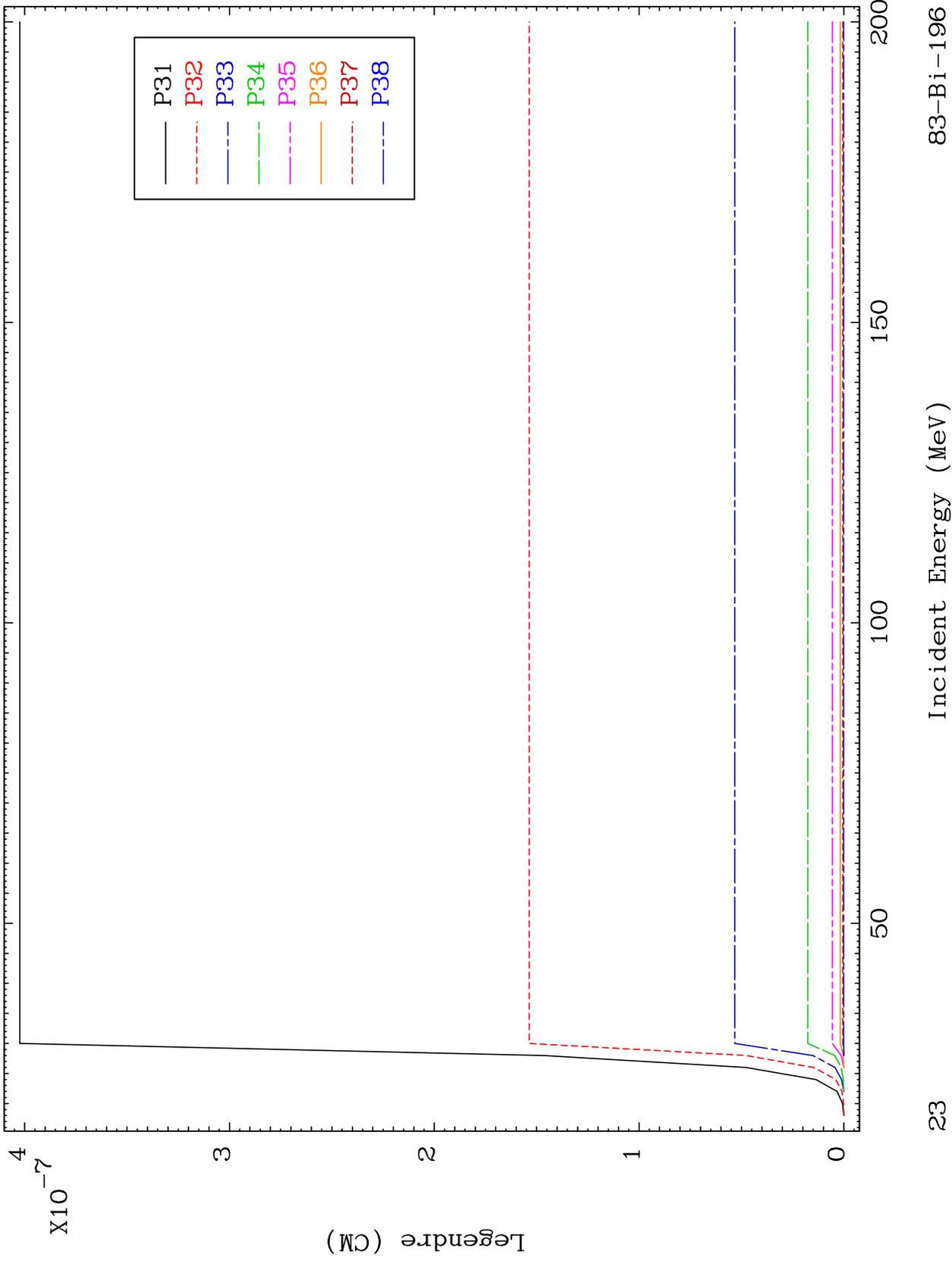
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MAT 8286

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

83-Bi-196

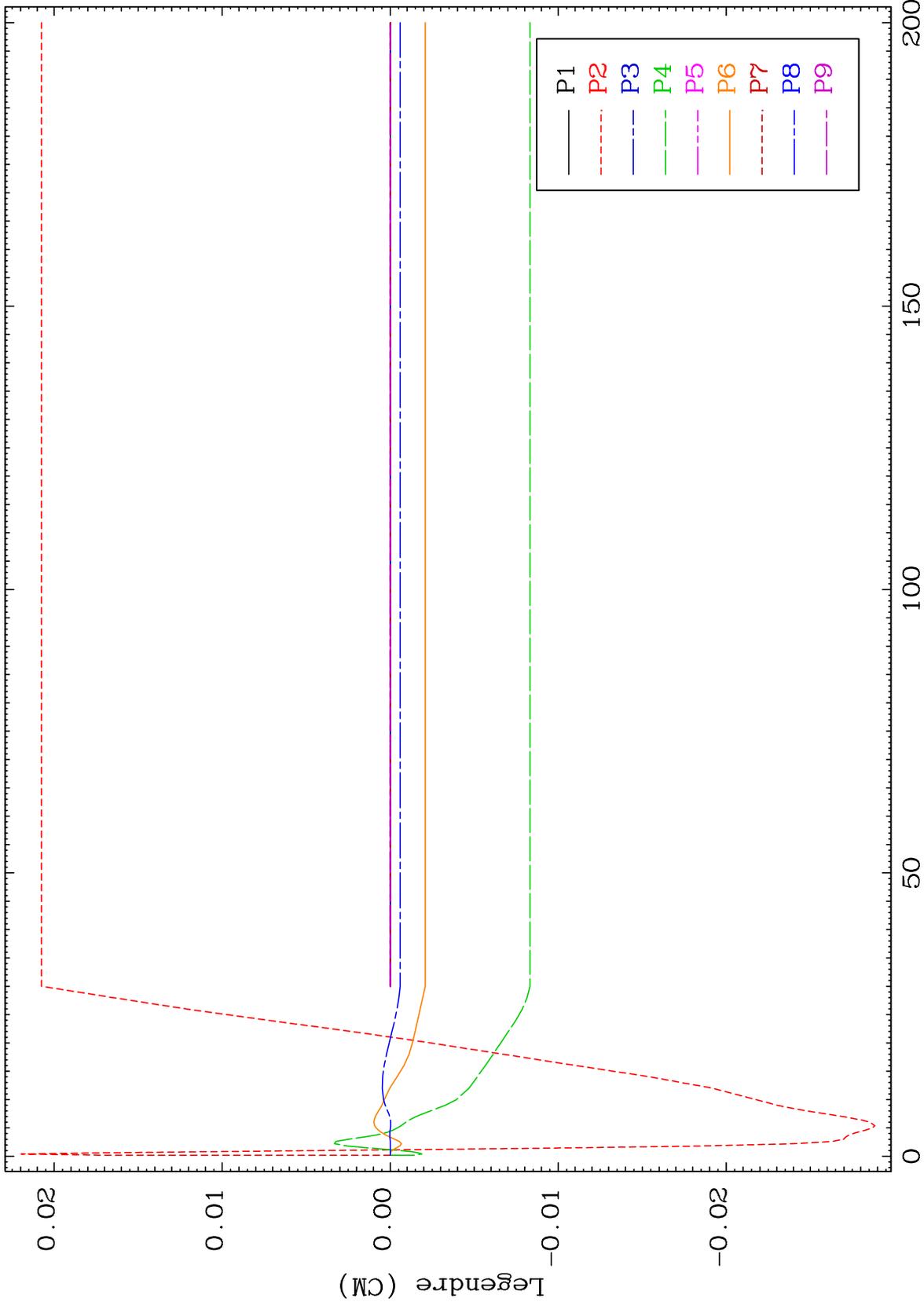


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MAT 8286

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

83-Bi-196



83-Bi-196

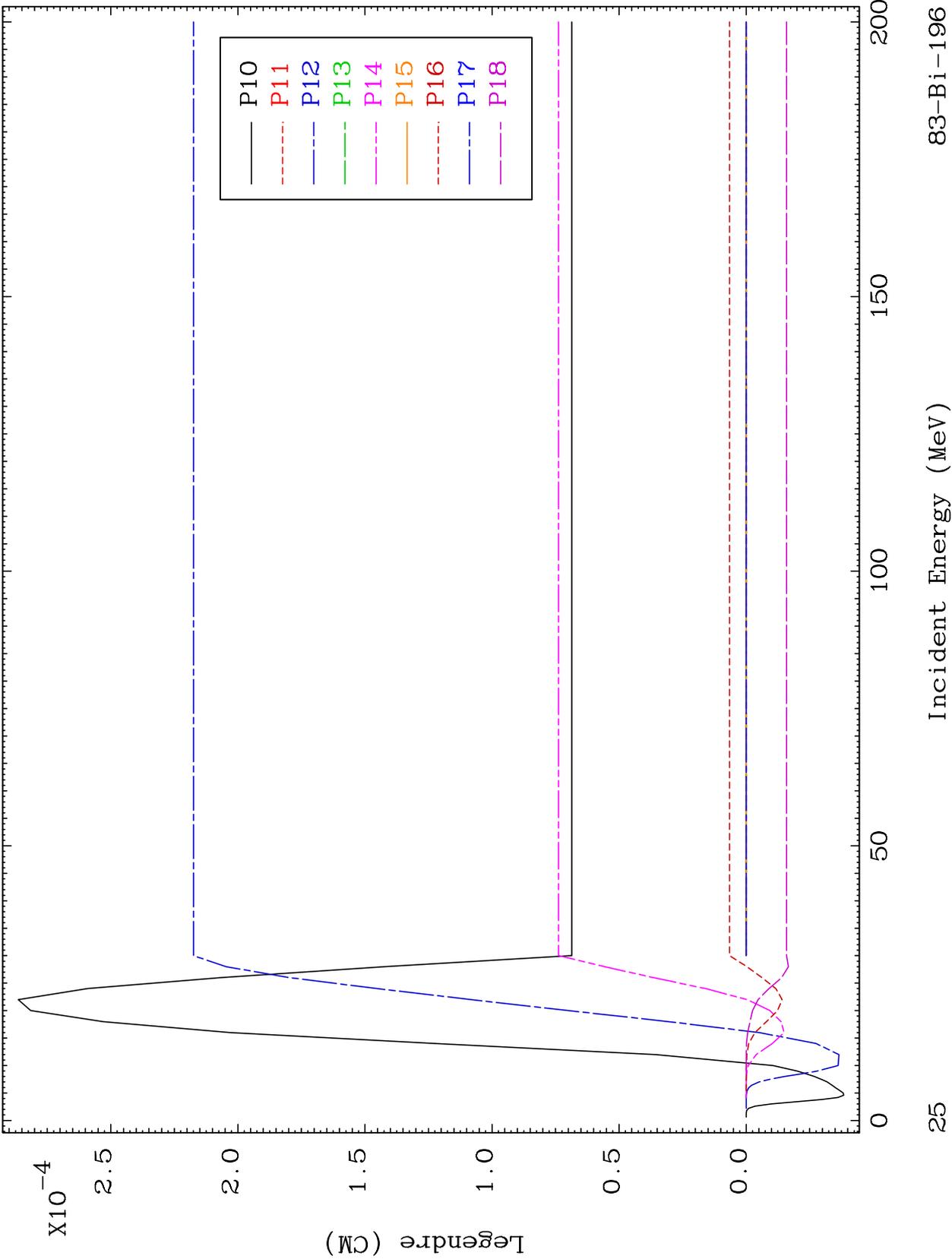
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



83-Bi-196

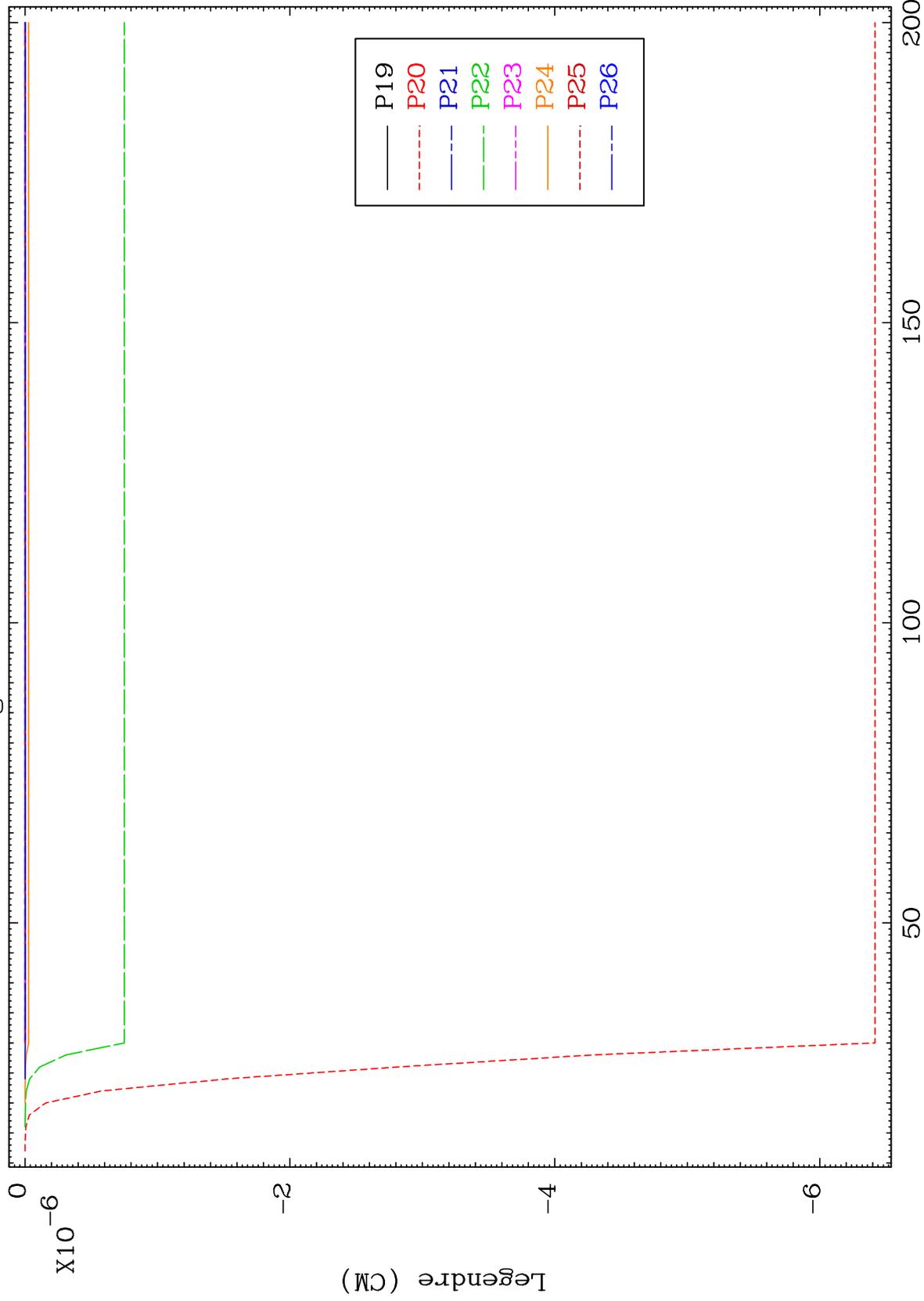
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



26

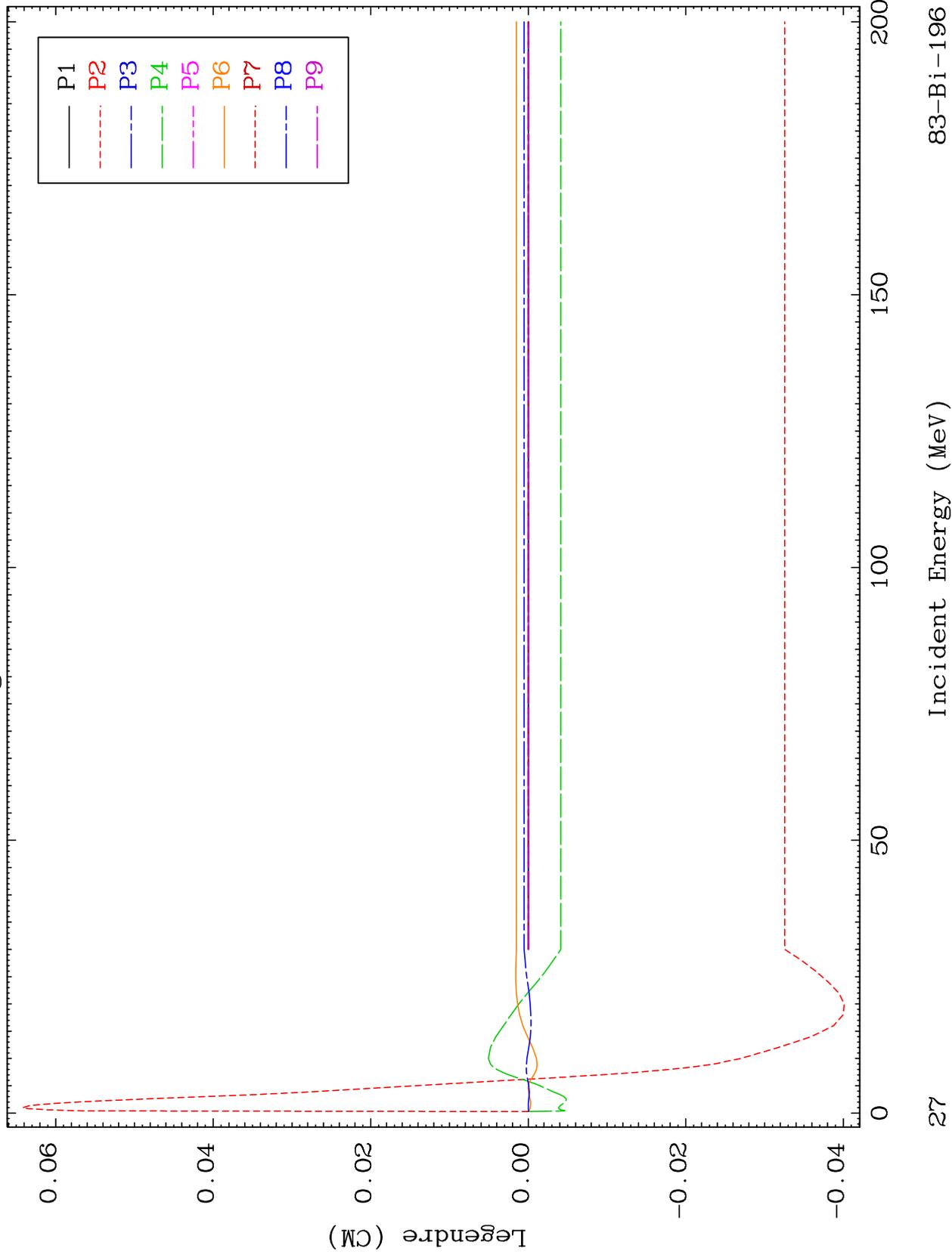
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



83-Bi-196

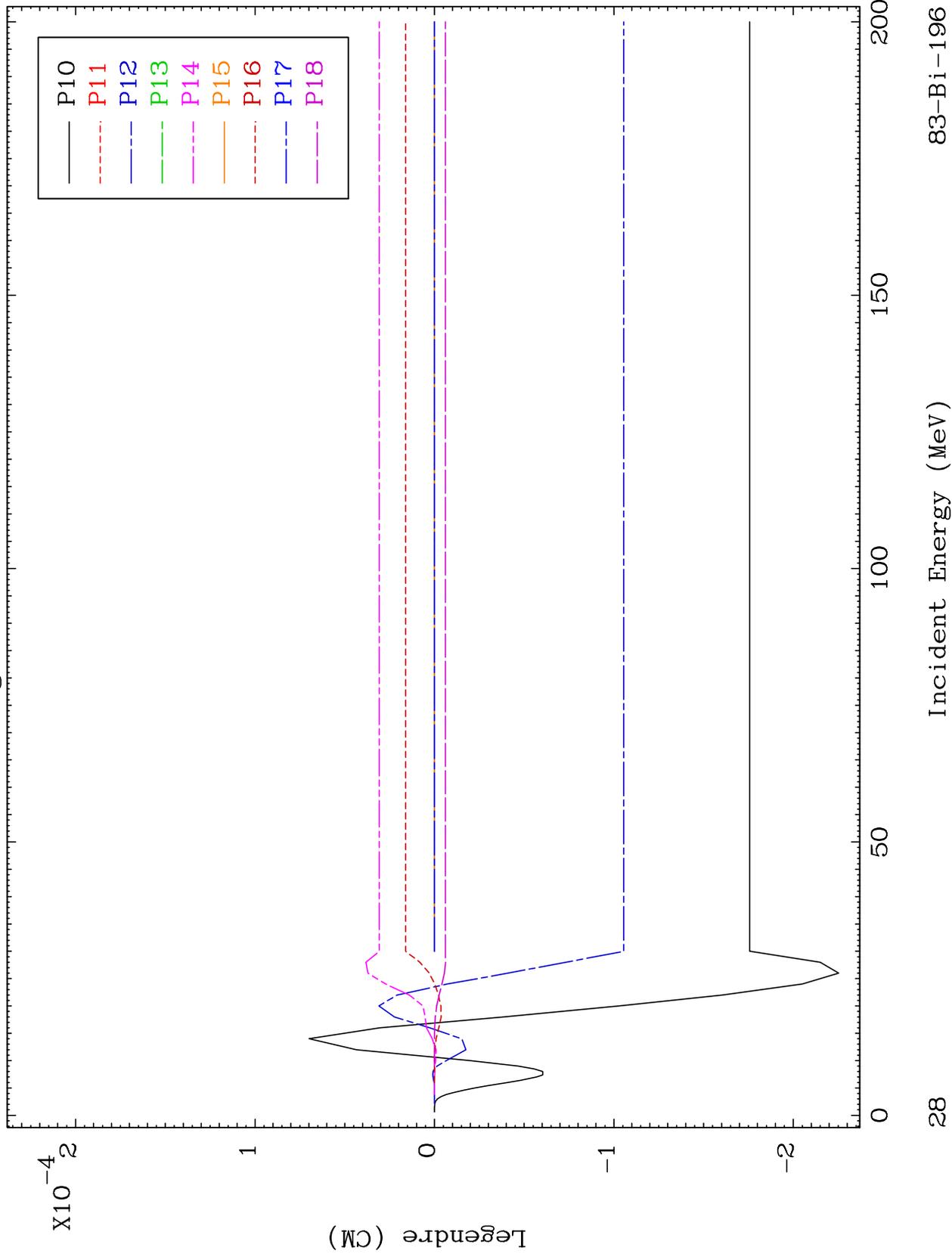
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



28

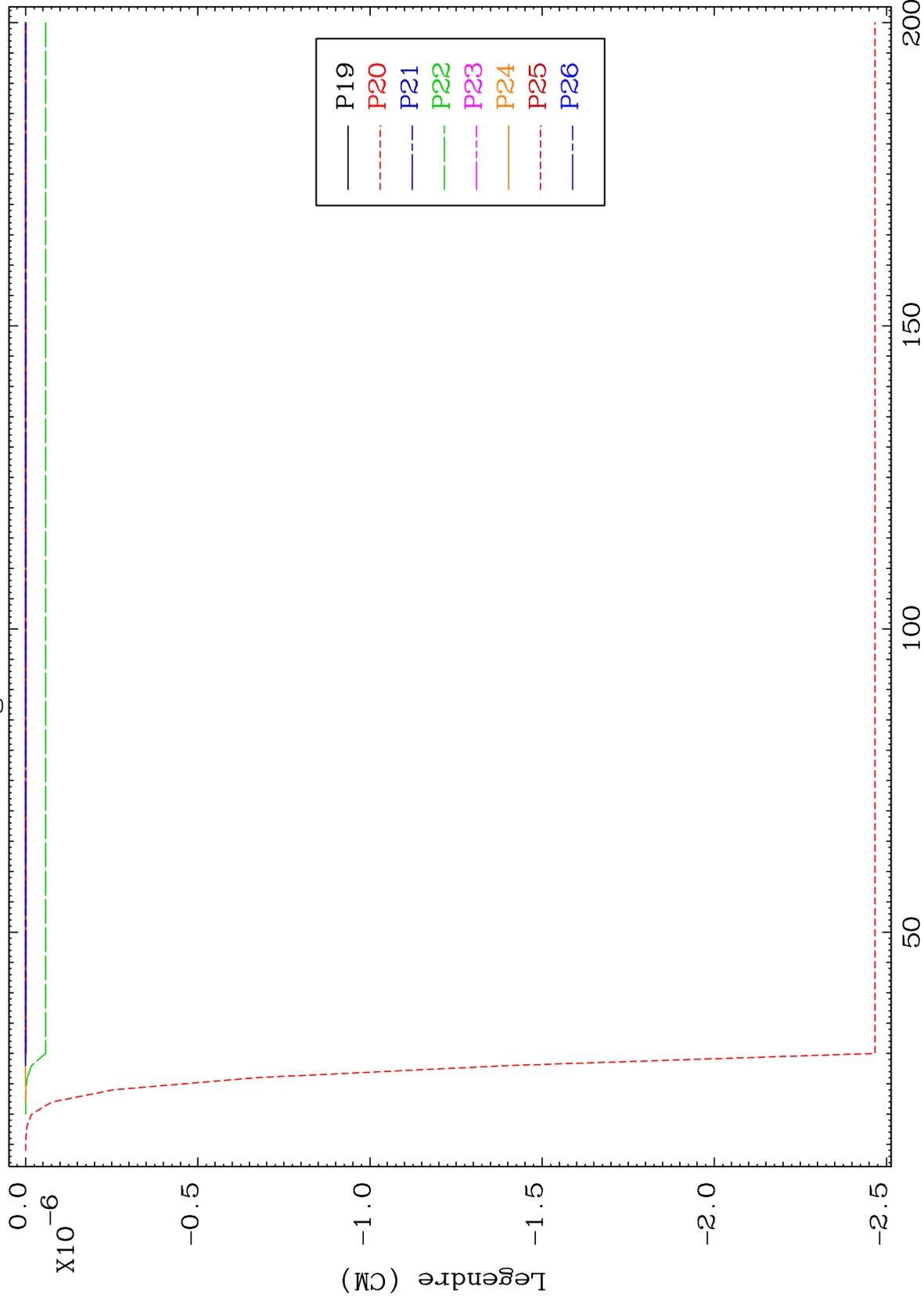
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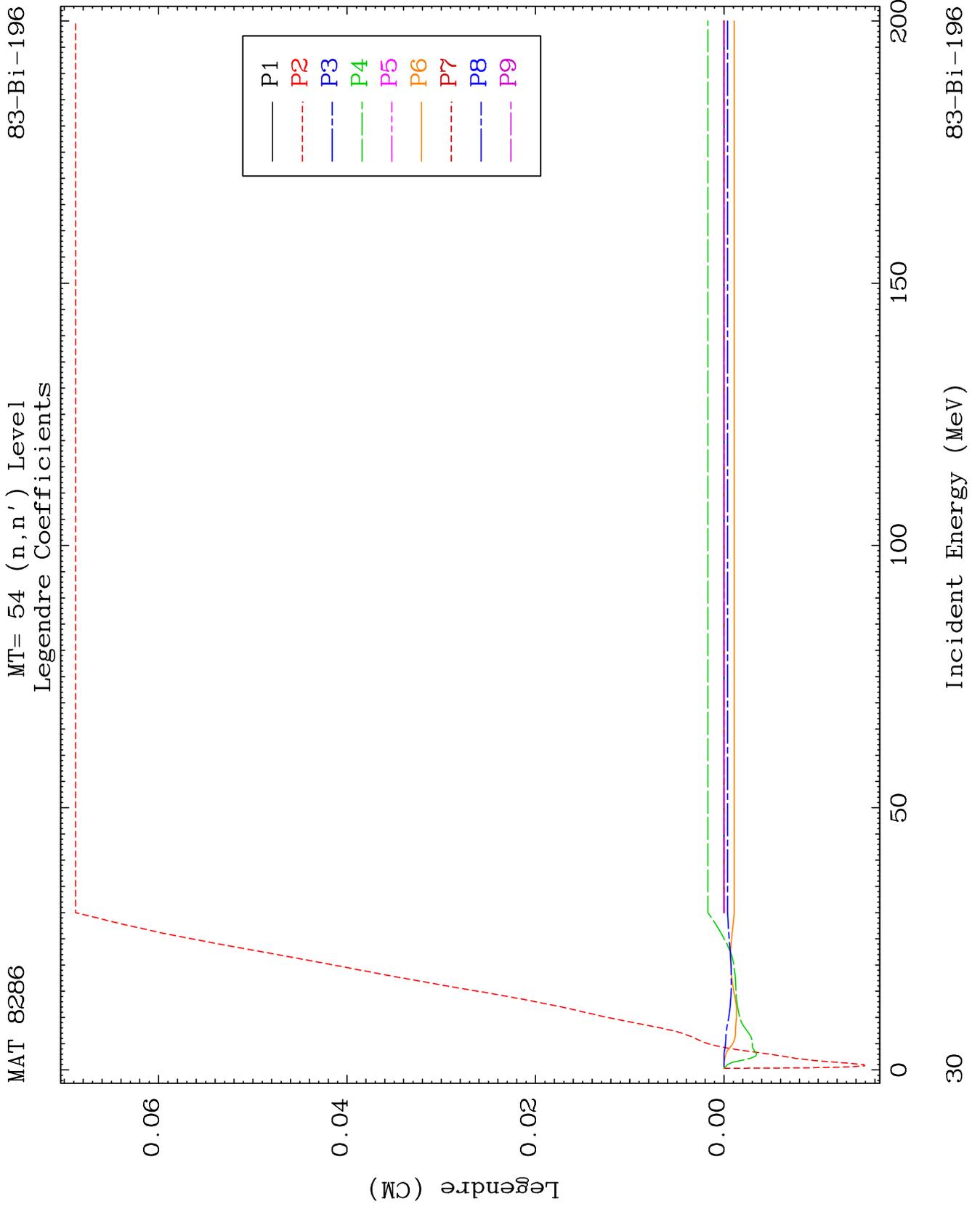
83-Bi-196

MAT 8286

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

83-Bi-196

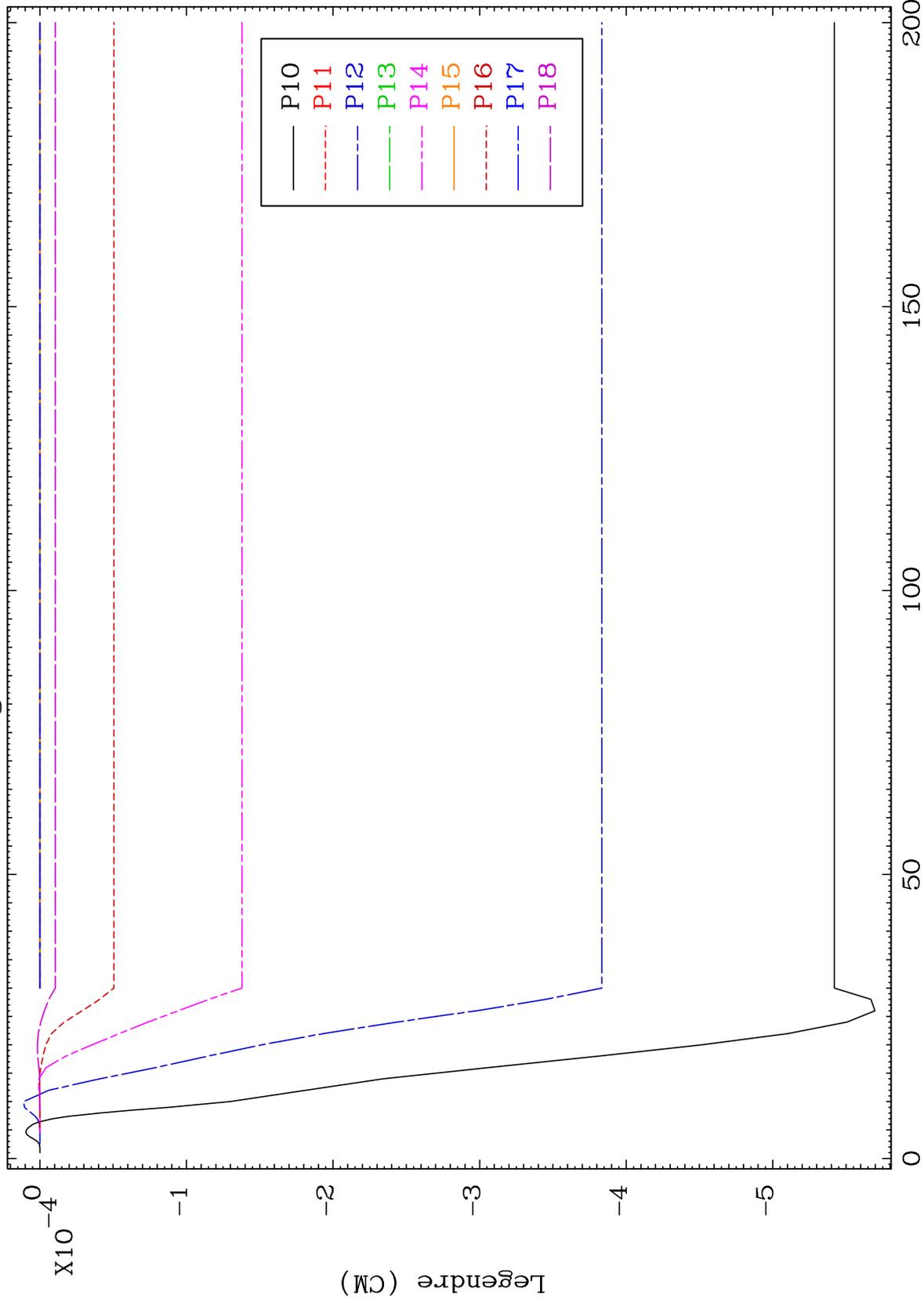




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83-Bi-196

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



31

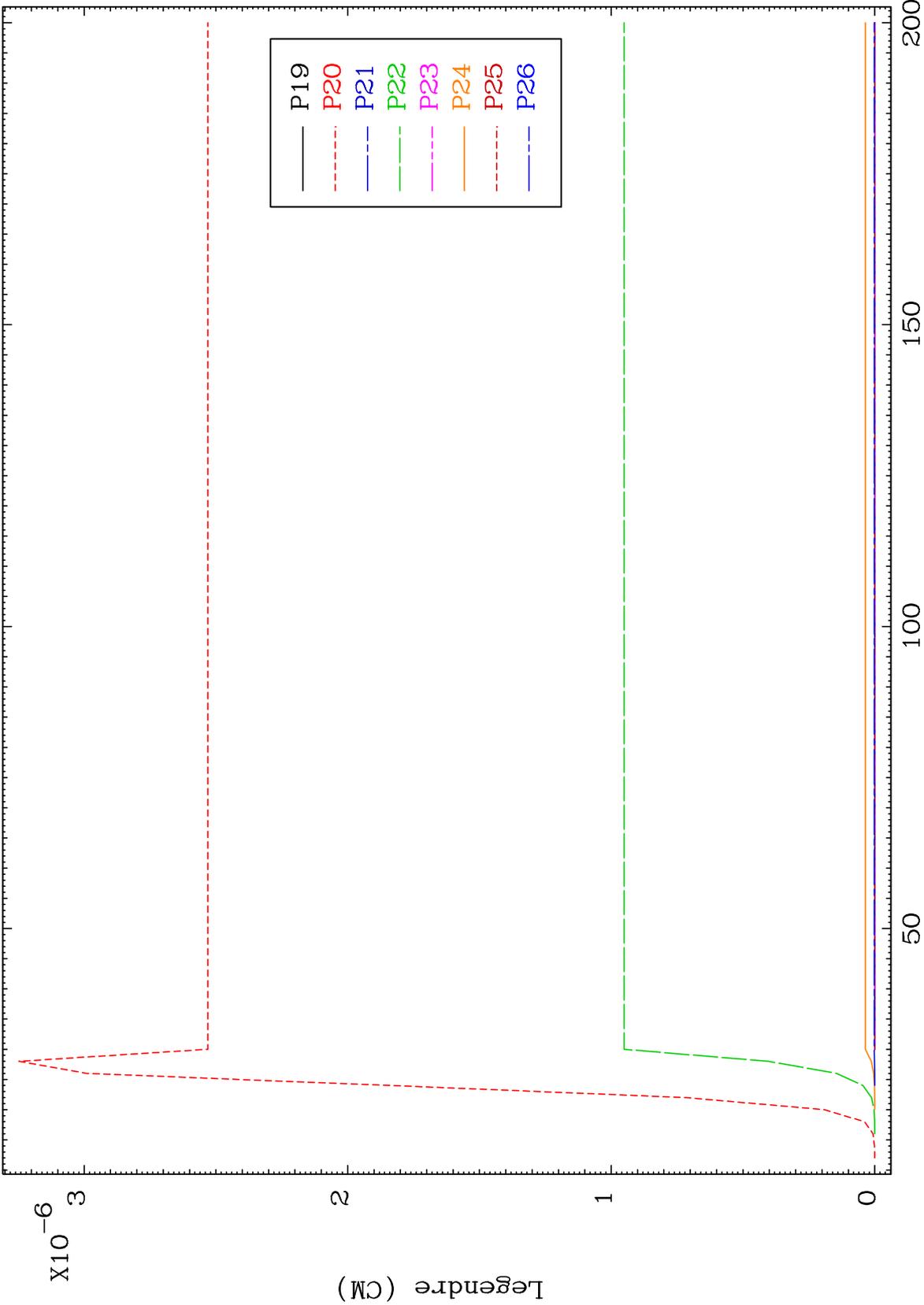
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MAT 8286

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

83-Bi-196

$\times 10^{-6}$



32

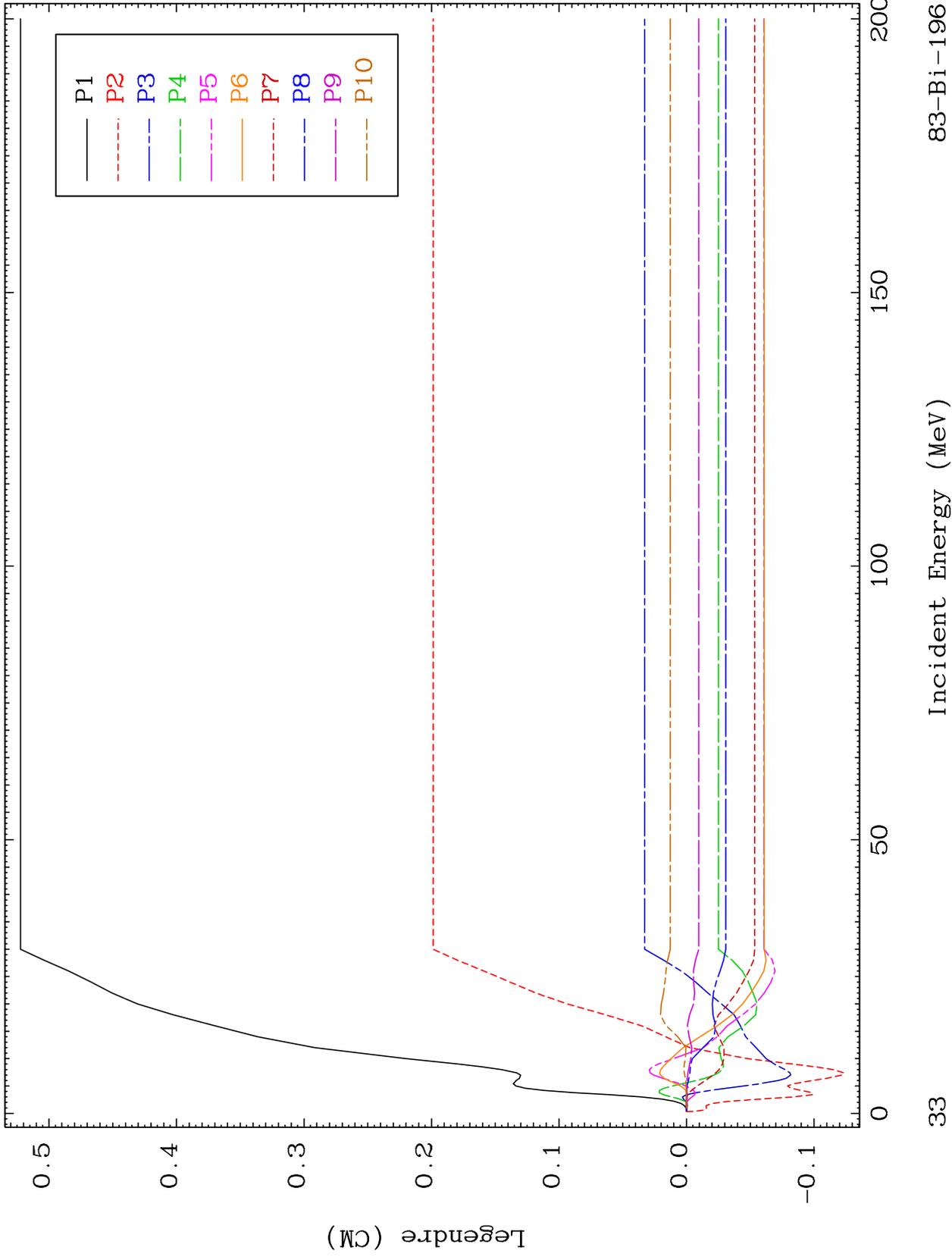
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

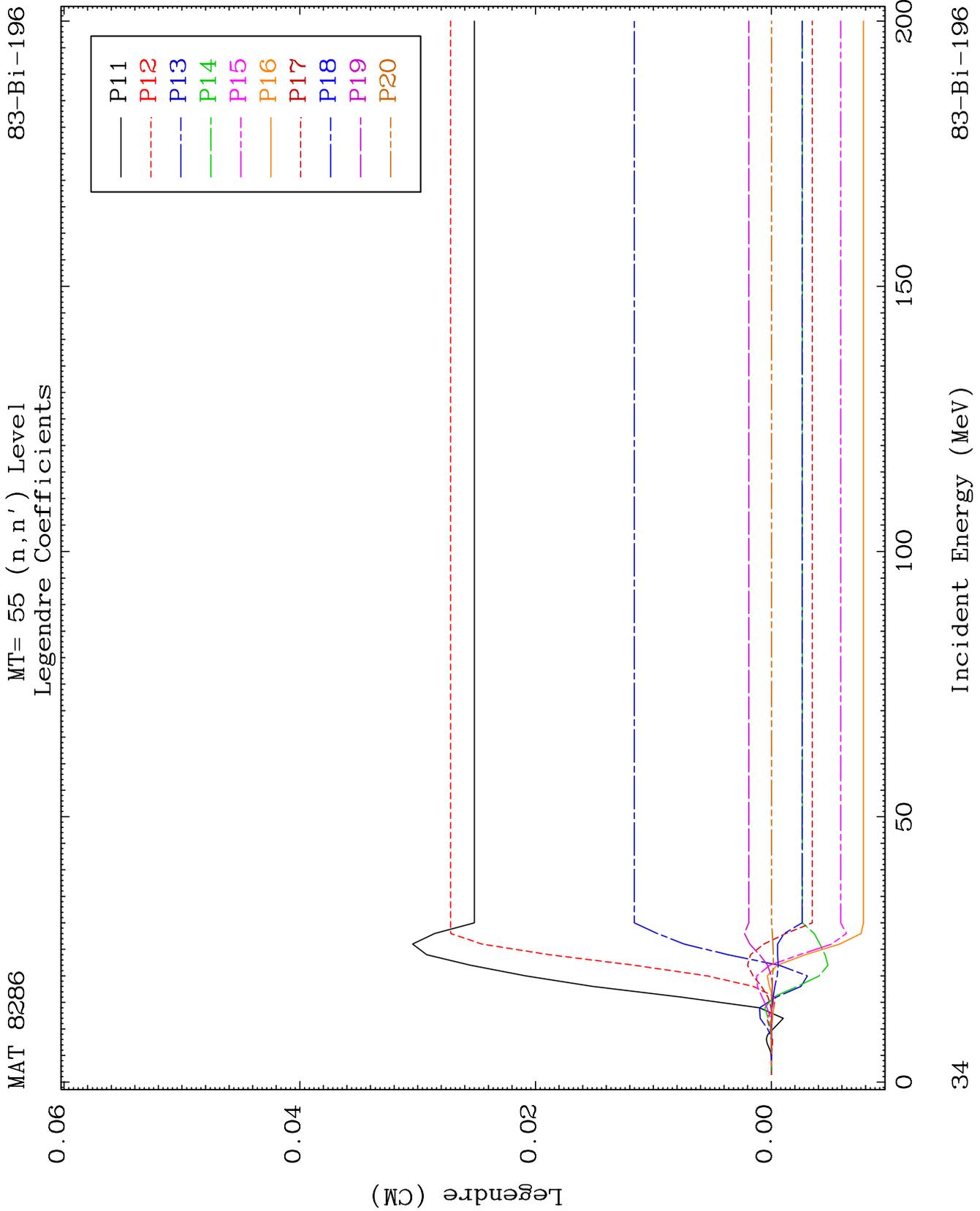
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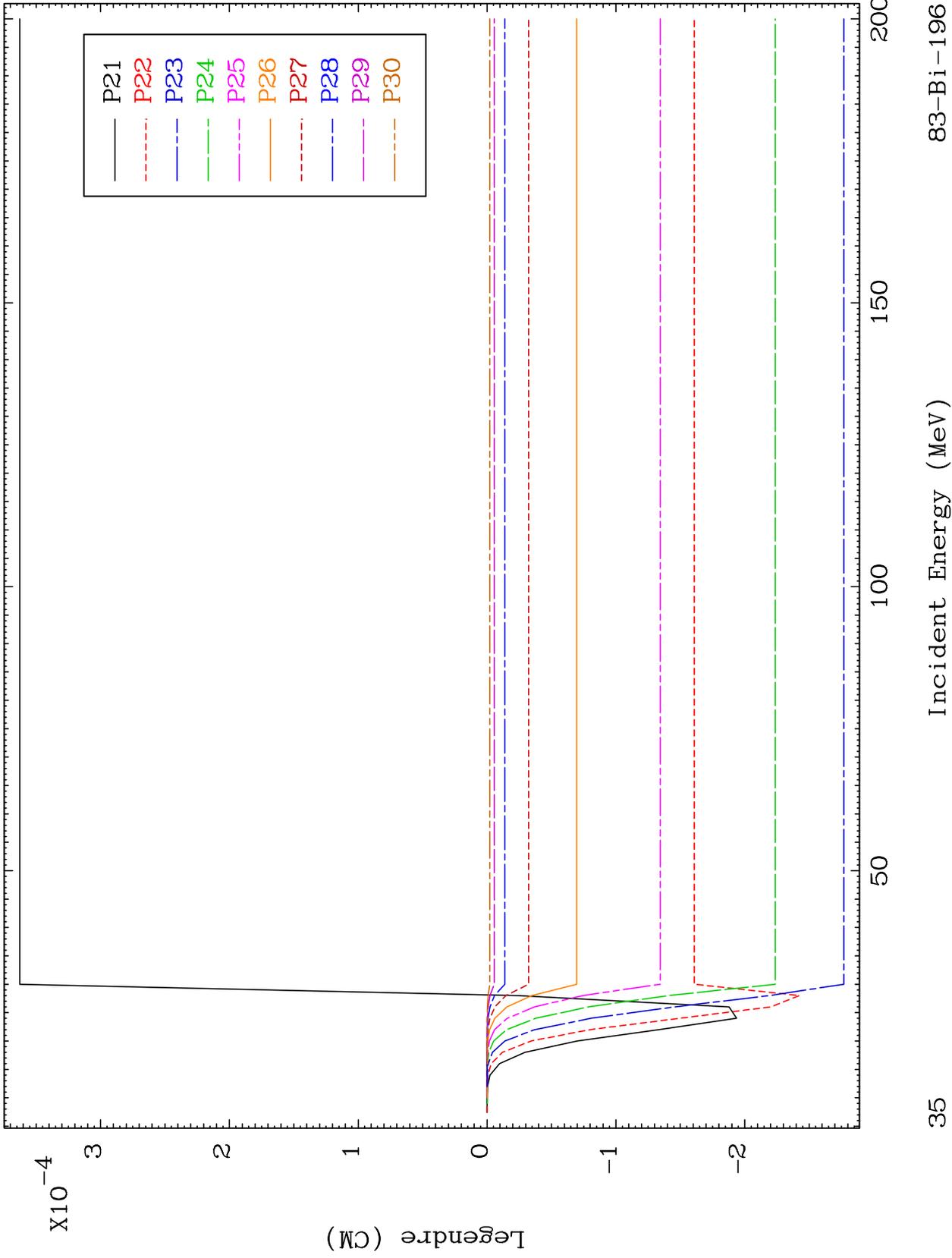


83-Bi-196

Incident Energy (MeV)

33

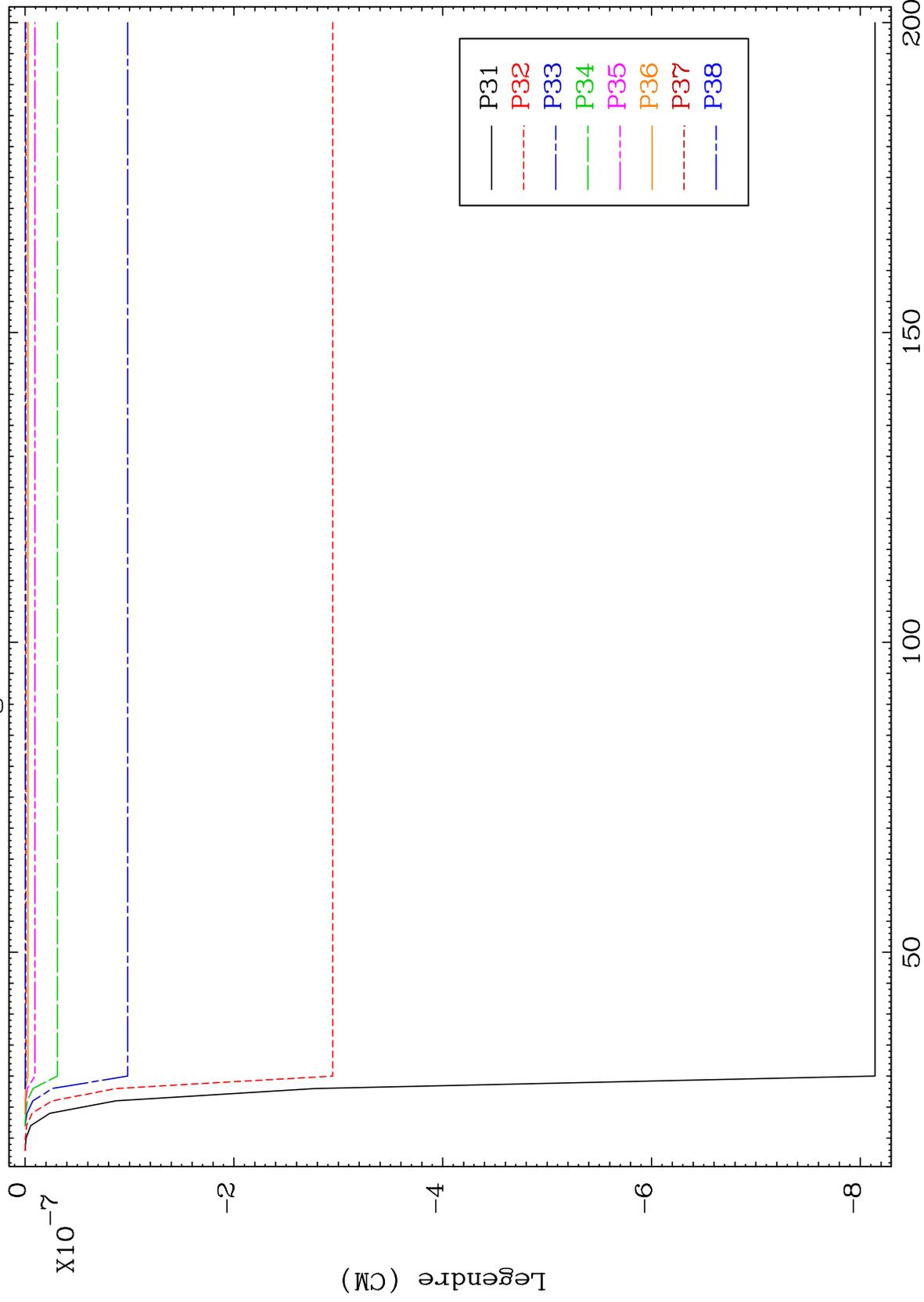




MAT 8286

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

83-Bi-196



36

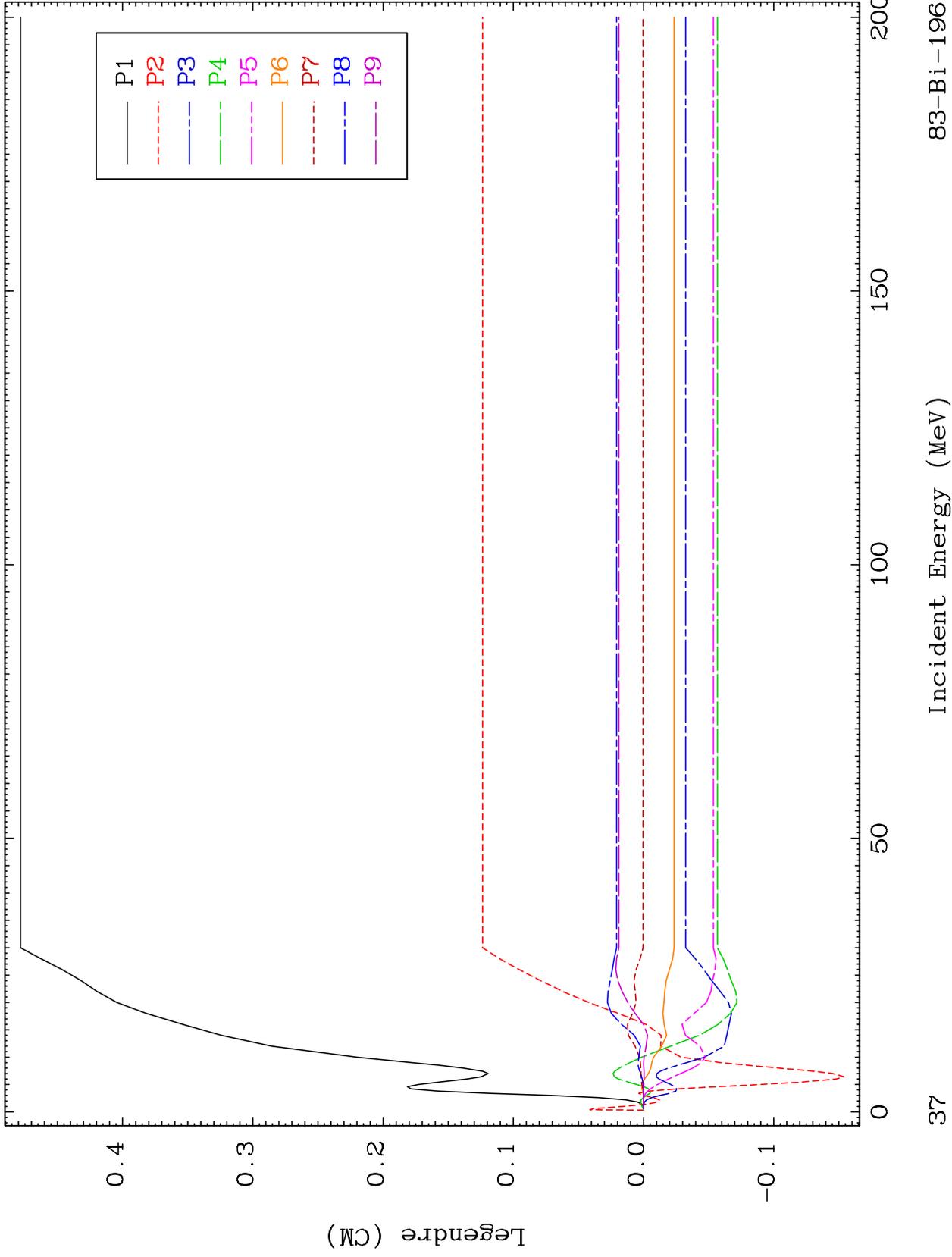
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



83-Bi-196

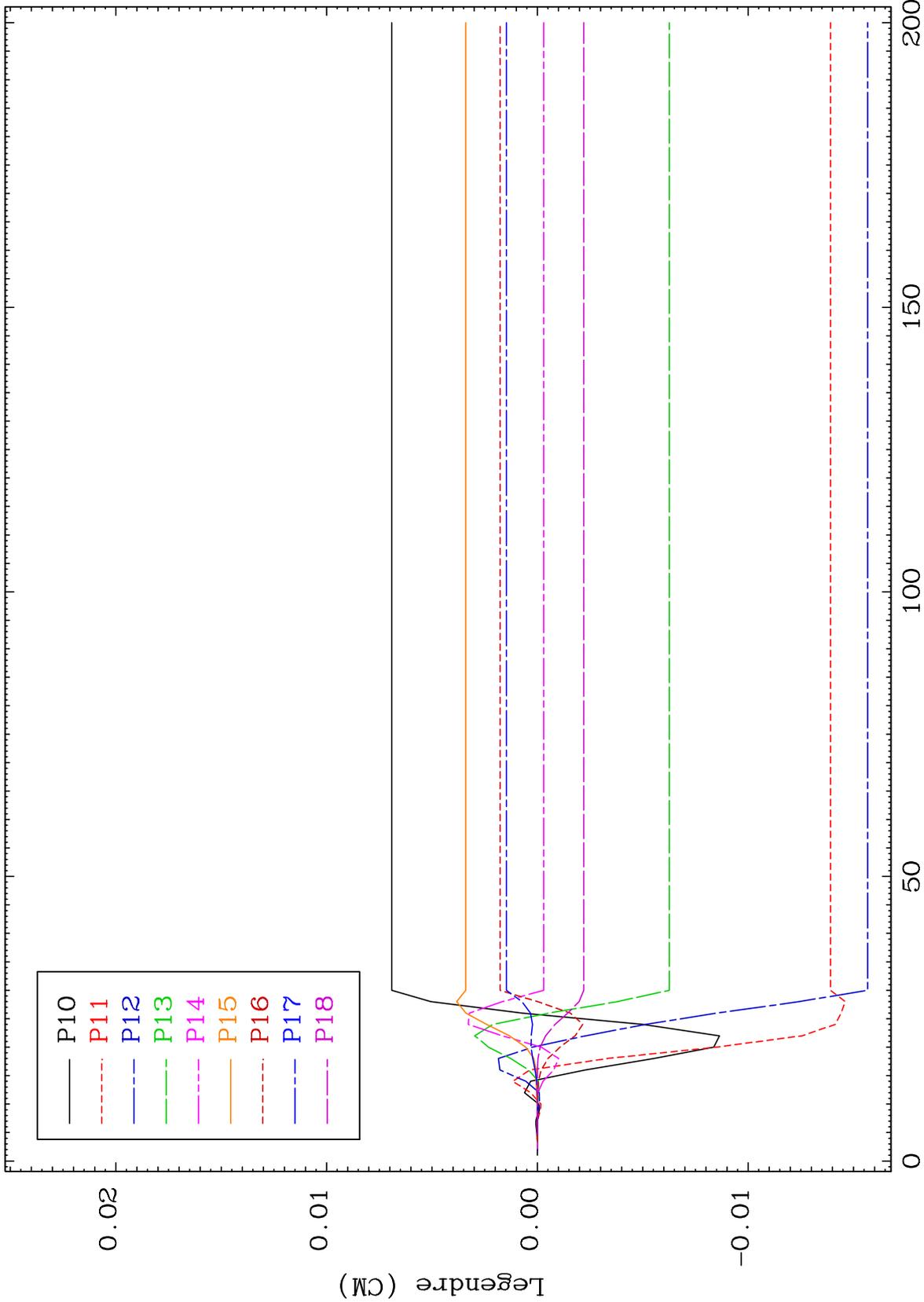
Incident Energy (MeV)

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MAT 8286

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

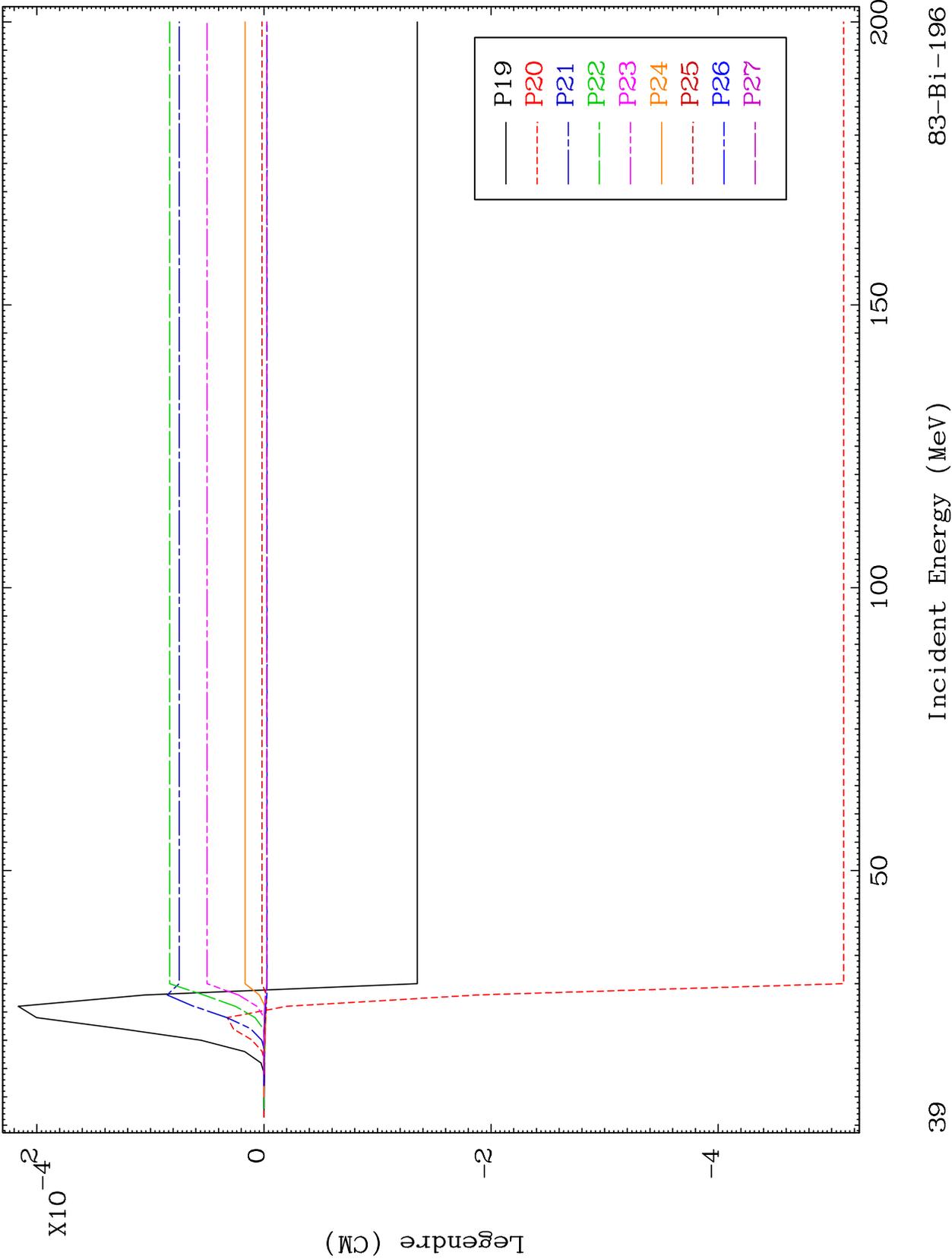
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Incident Energy (MeV)

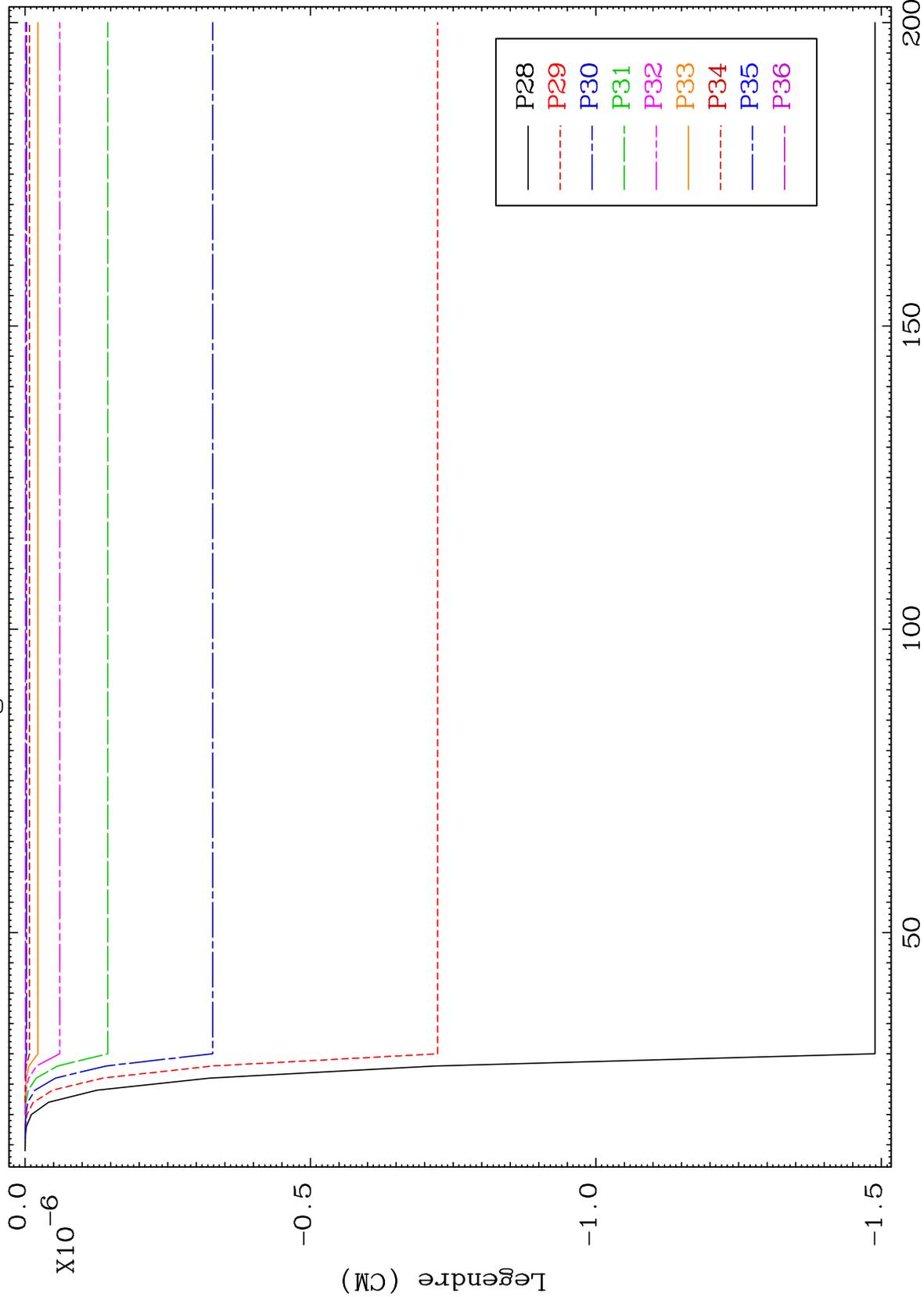
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MAT 8286

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

83-Bi-196



83-Bi-196

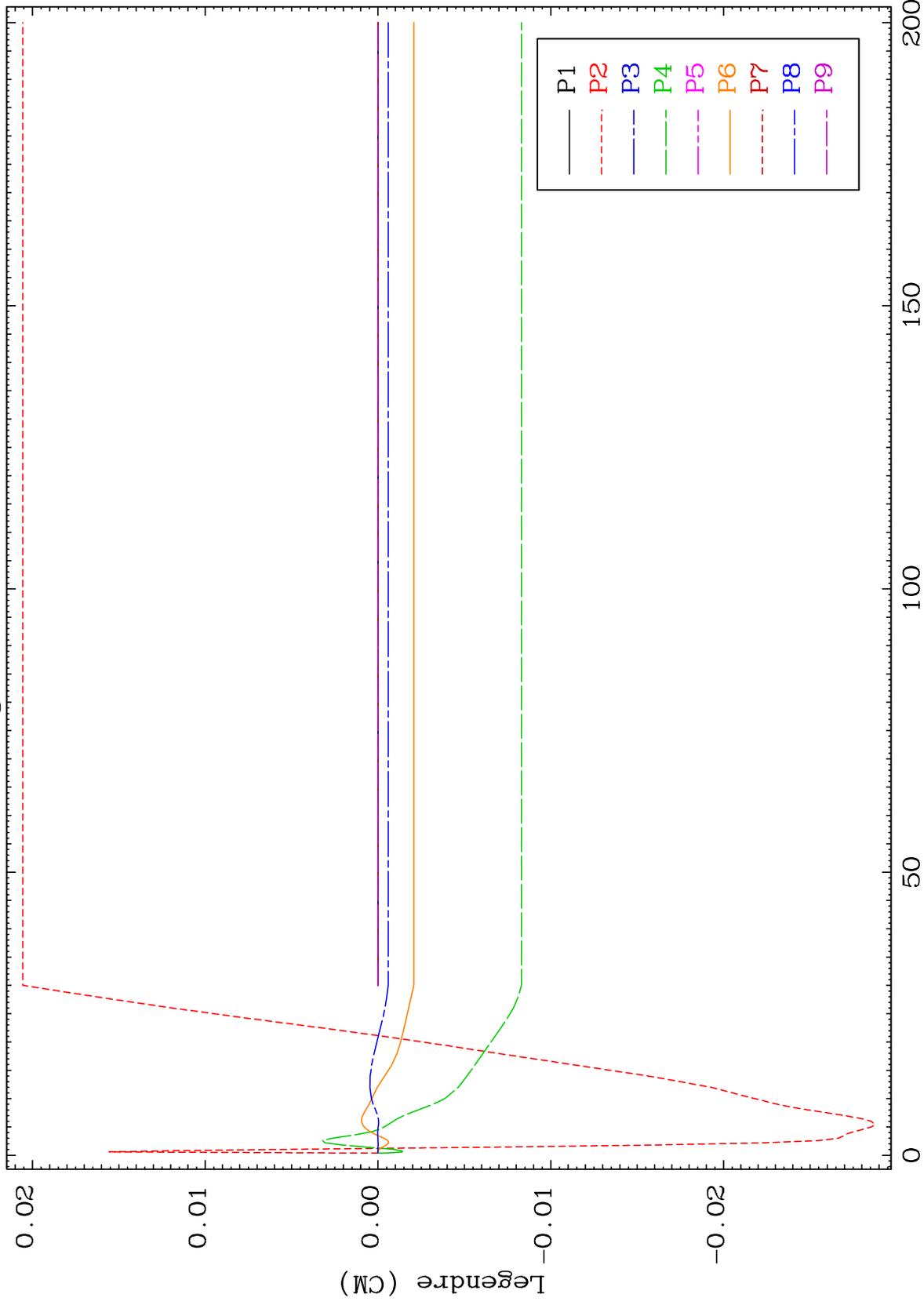
Incident Energy (MeV)

40

MAT 8286

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

83-Bi-196



41

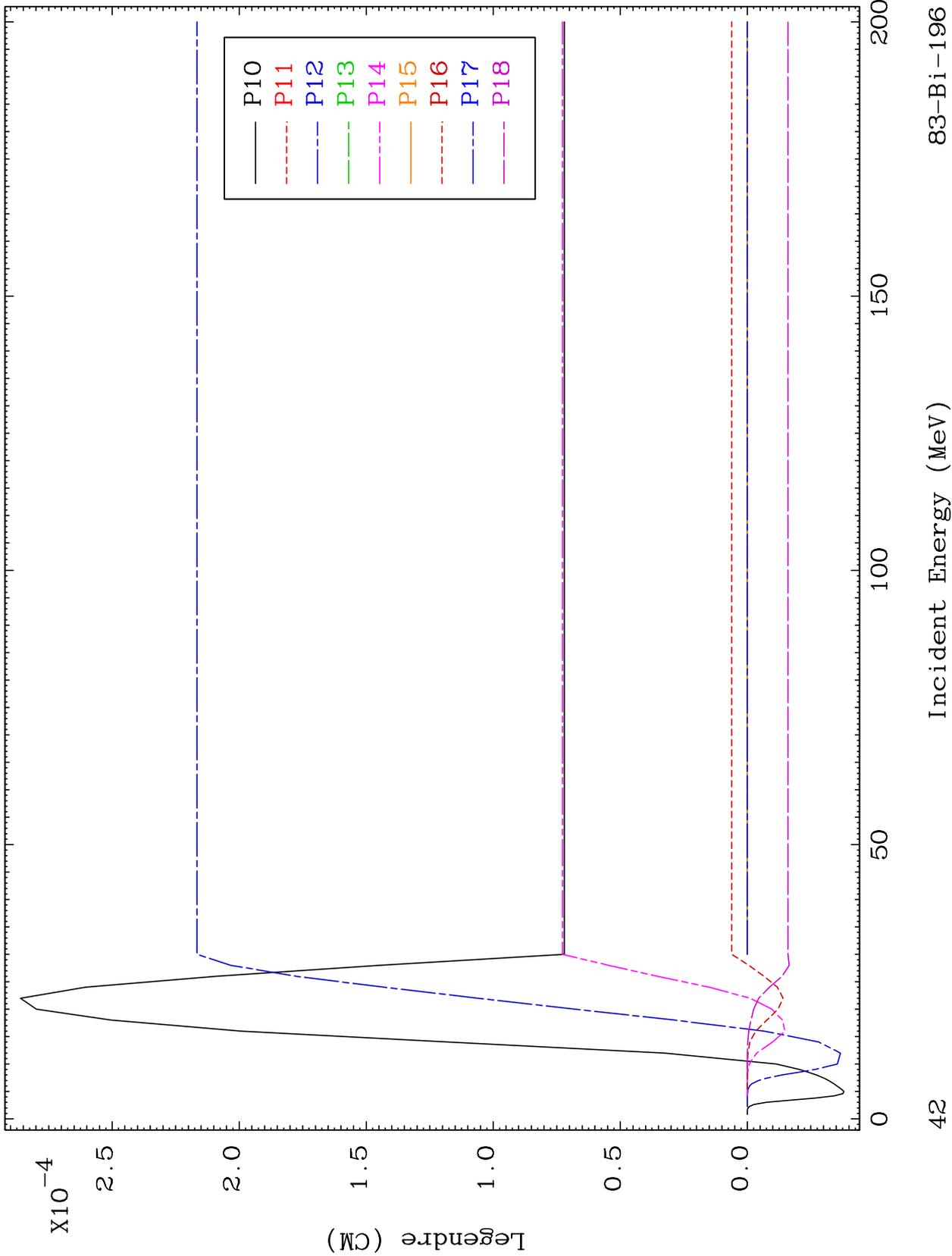
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83-Bi-196

MAT 8286

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

83-Bi-196



83-Bi-196

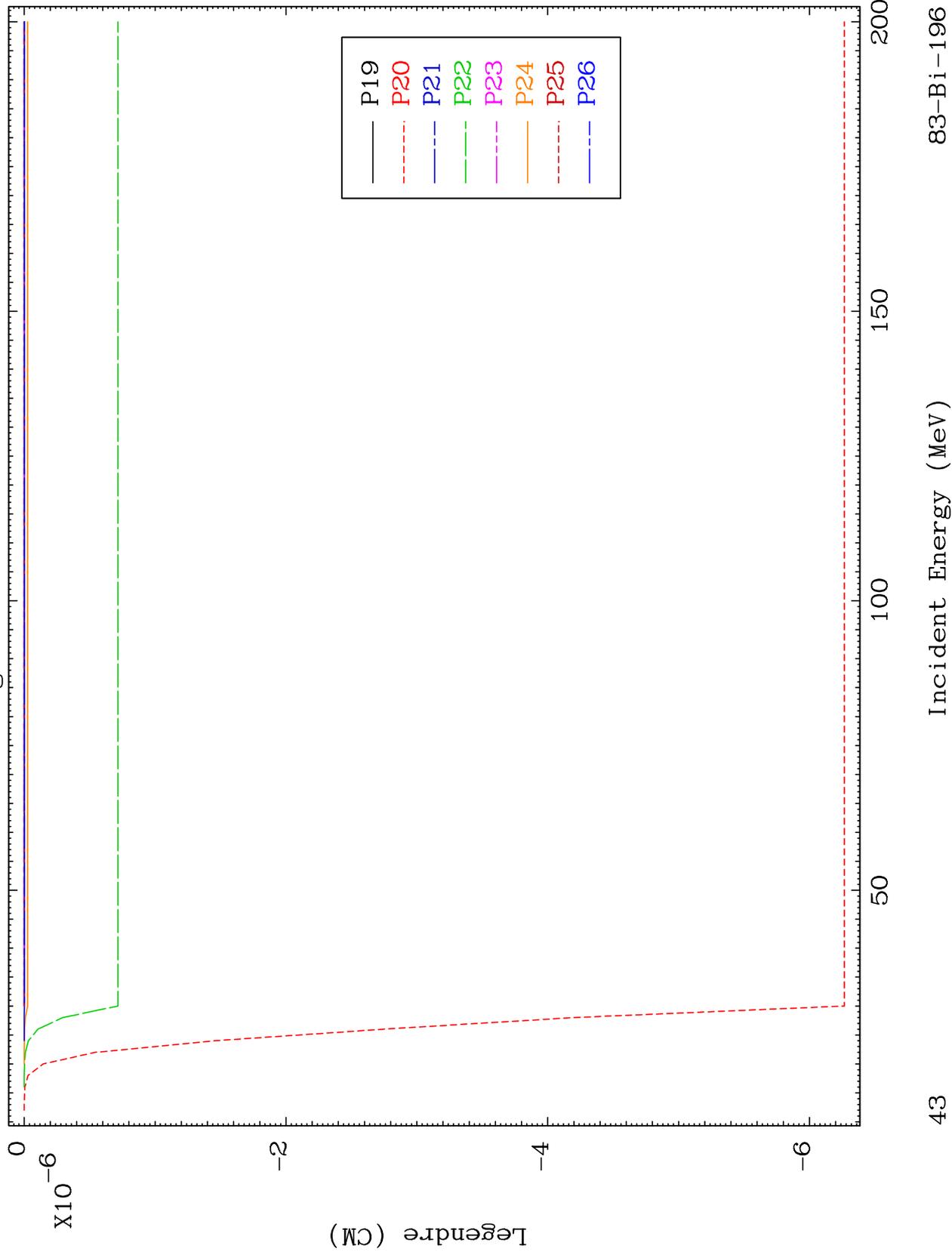
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MAT 8286

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

83-Bi-196



43

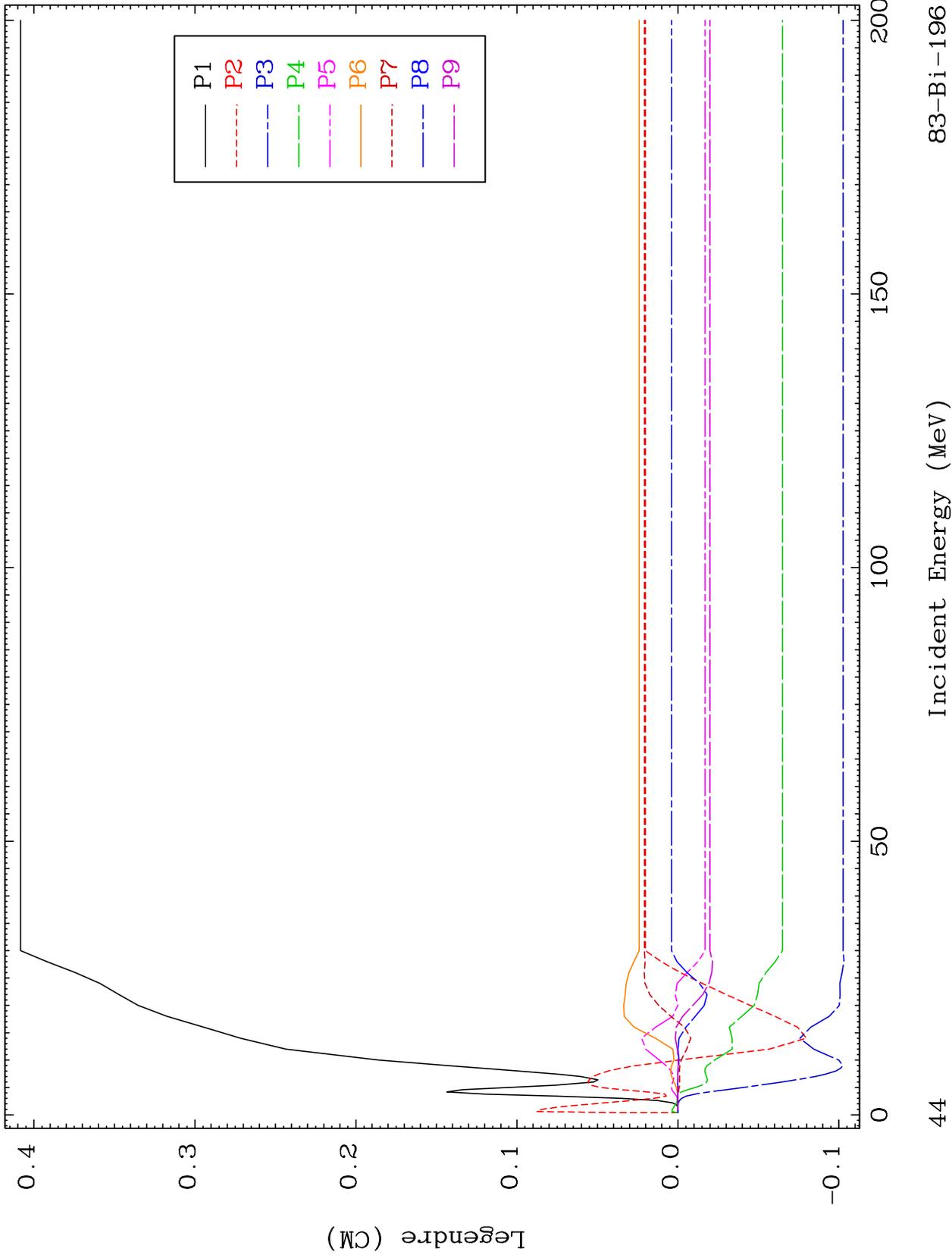
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



83-Bi-196

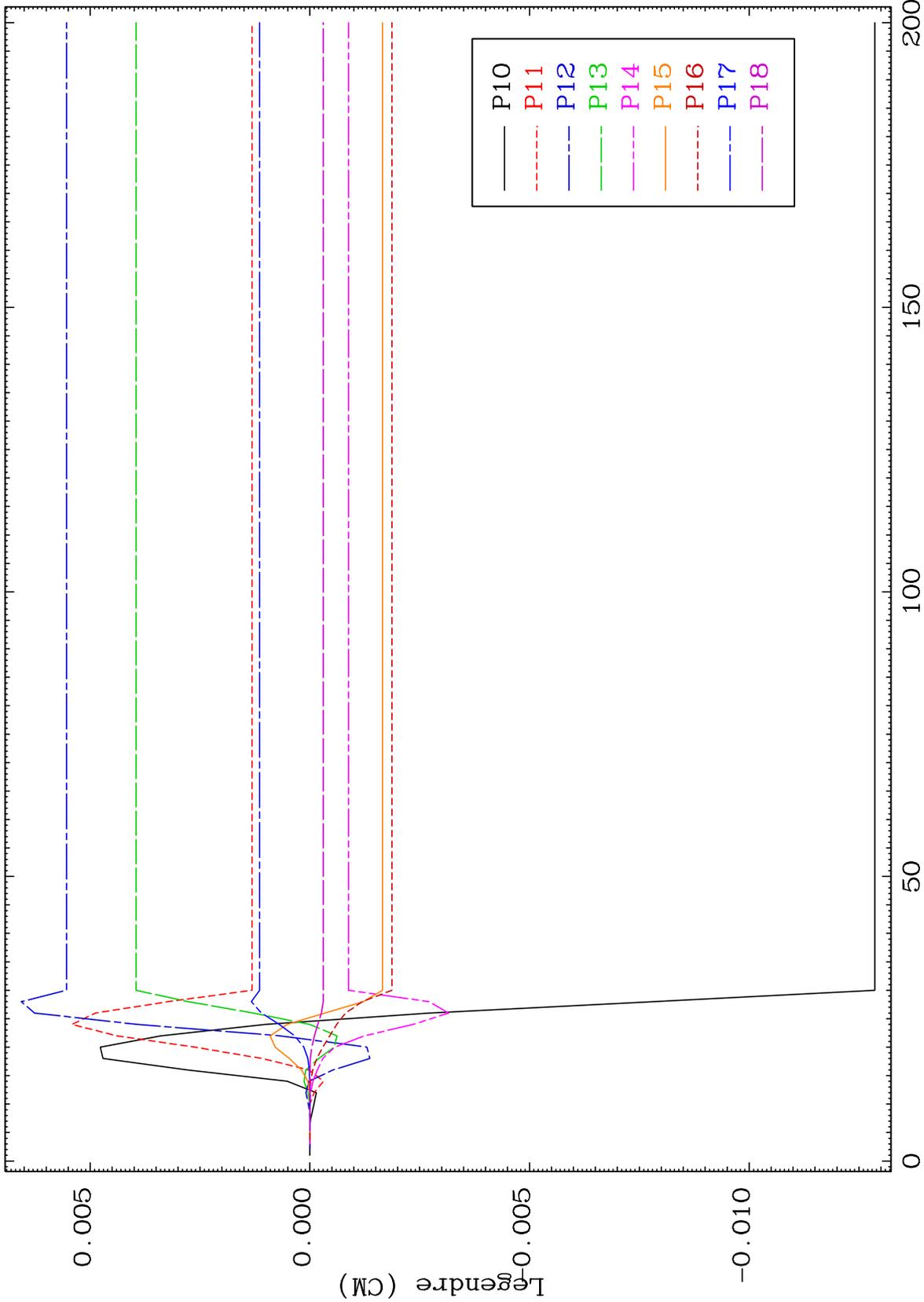
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



45

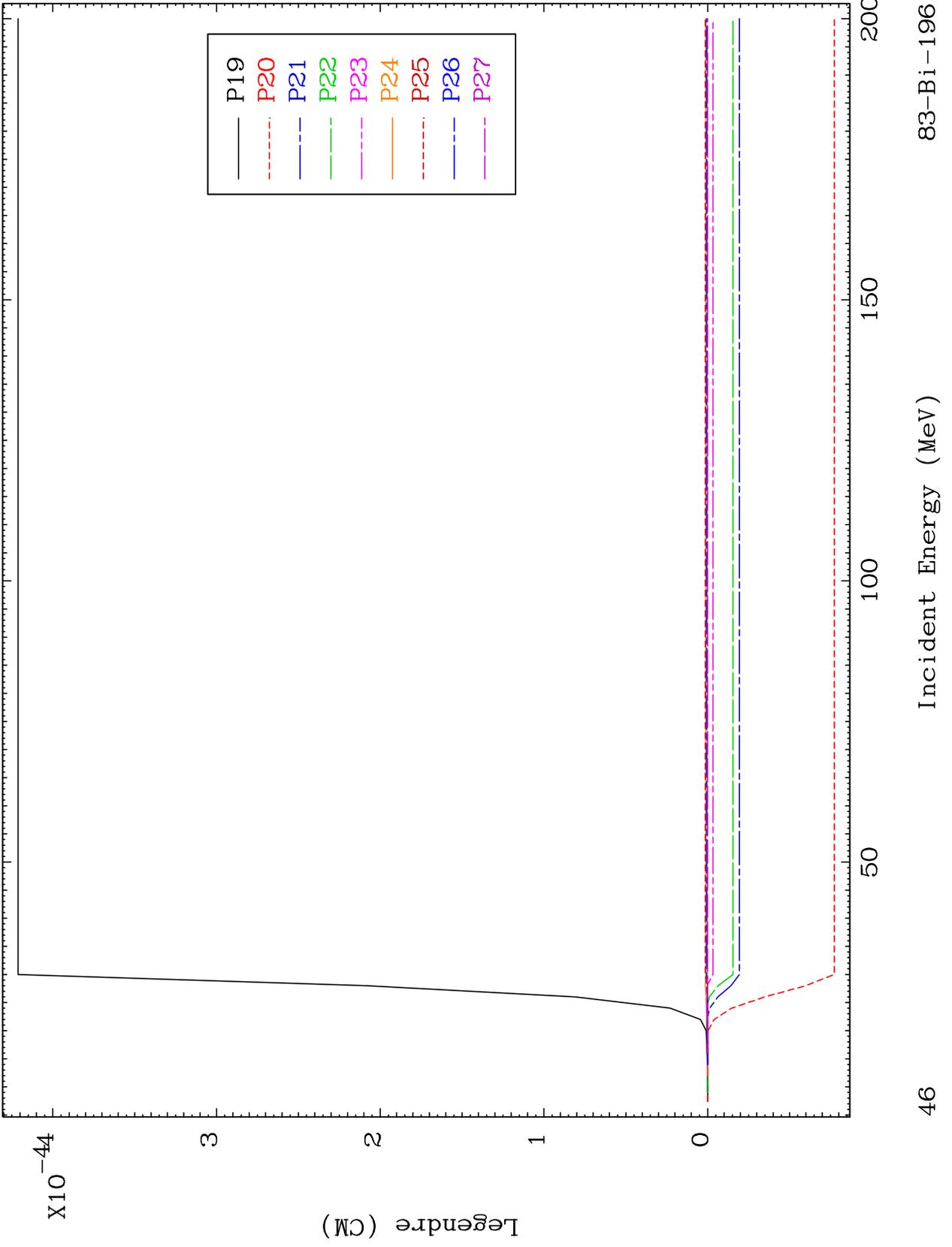
Incident Energy (MeV)

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MAT 8286

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

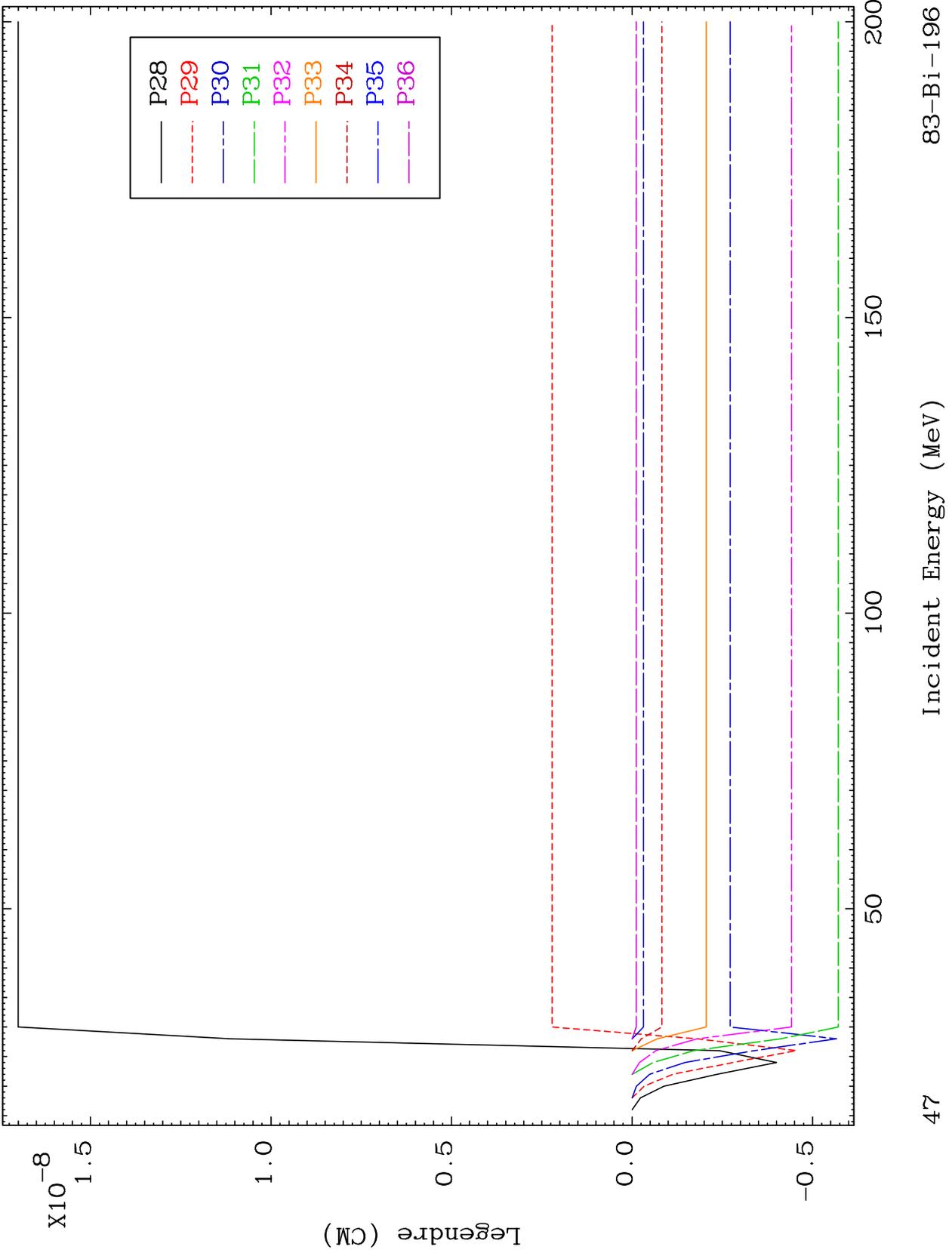
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MAT 8286

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

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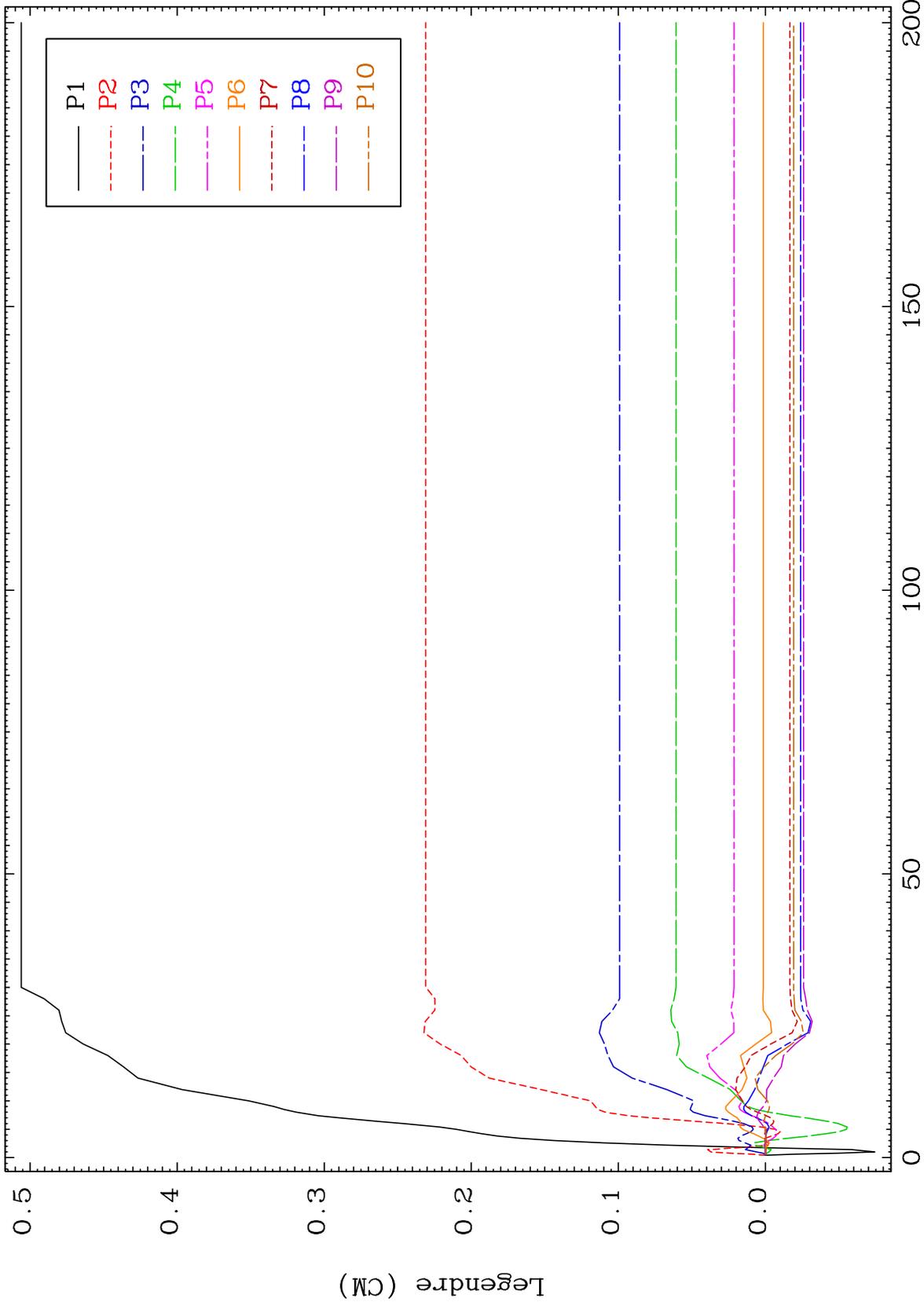


MAT 8286

MT= 59 (n,n') Level

83-Bi-196

Legendre Coefficients



83-Bi-196

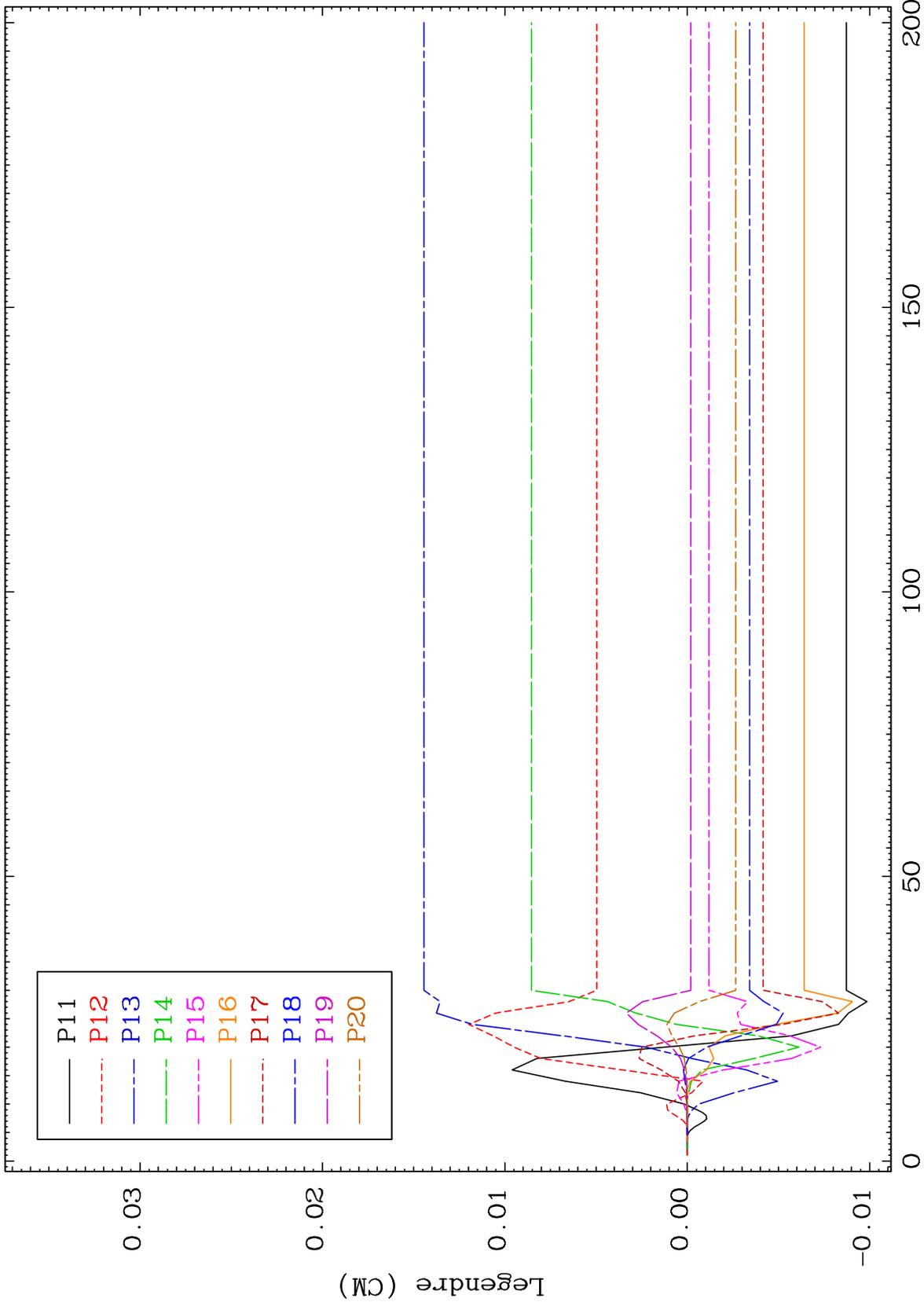
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



49

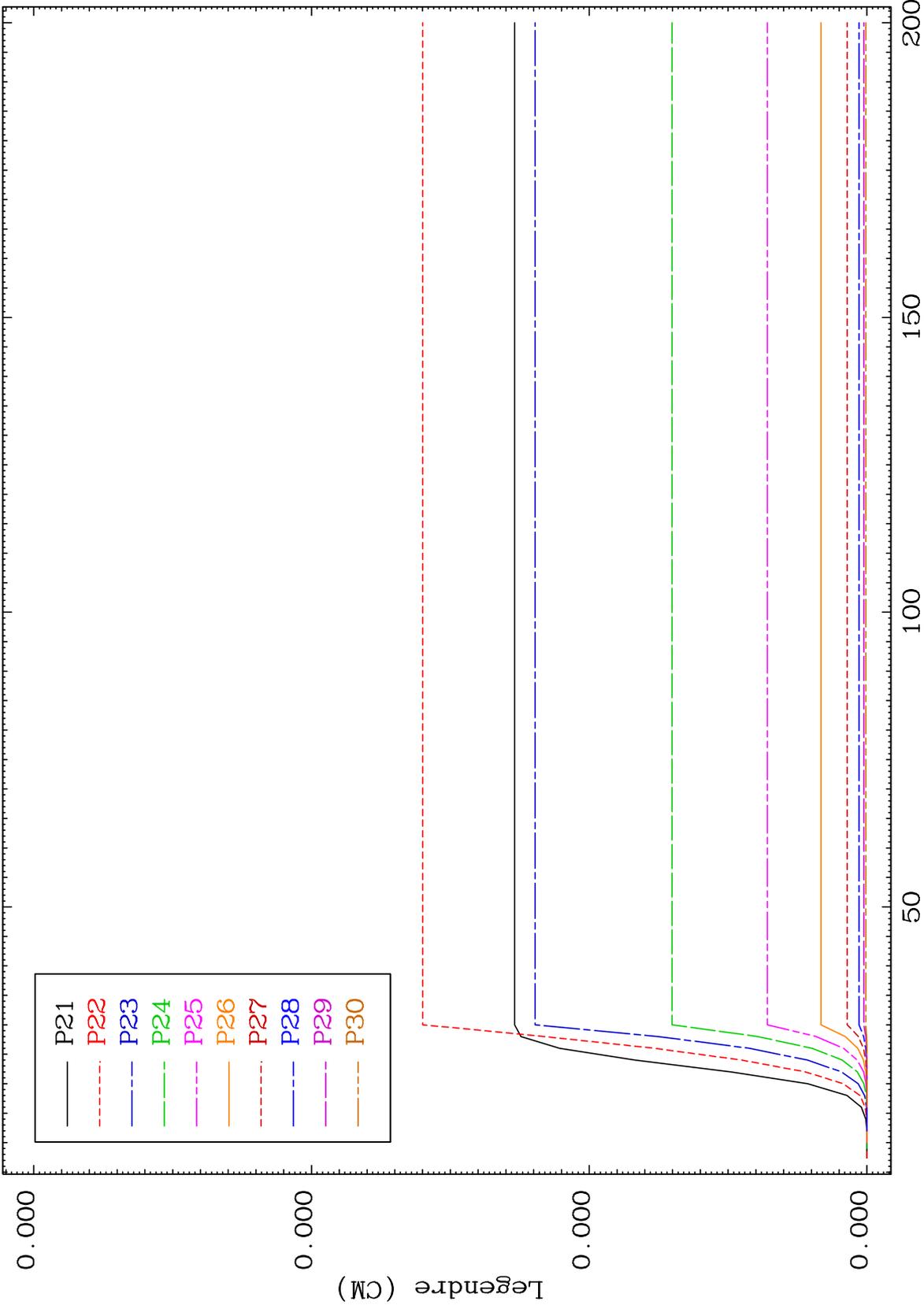
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MAT 8286

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

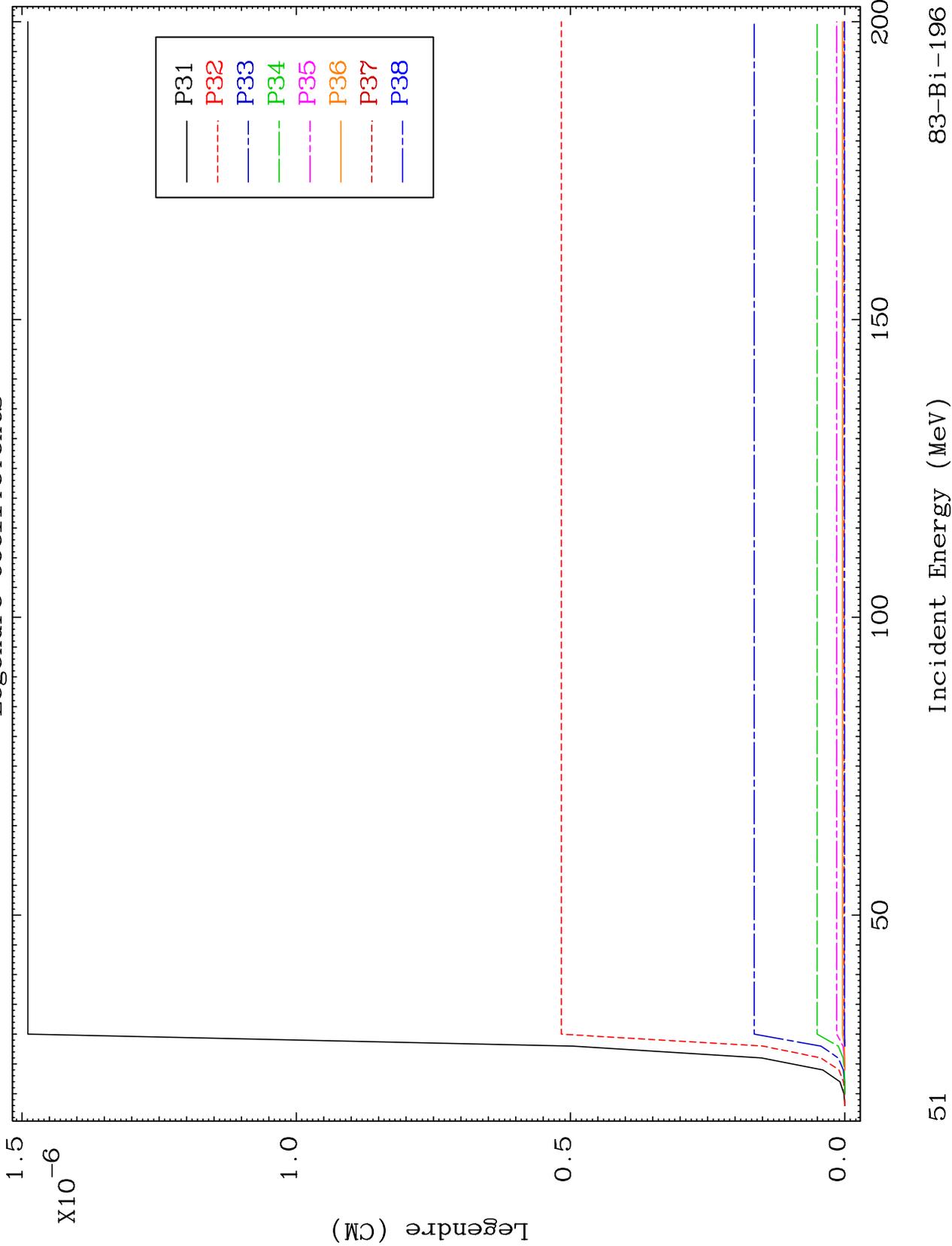
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Incident Energy (MeV)

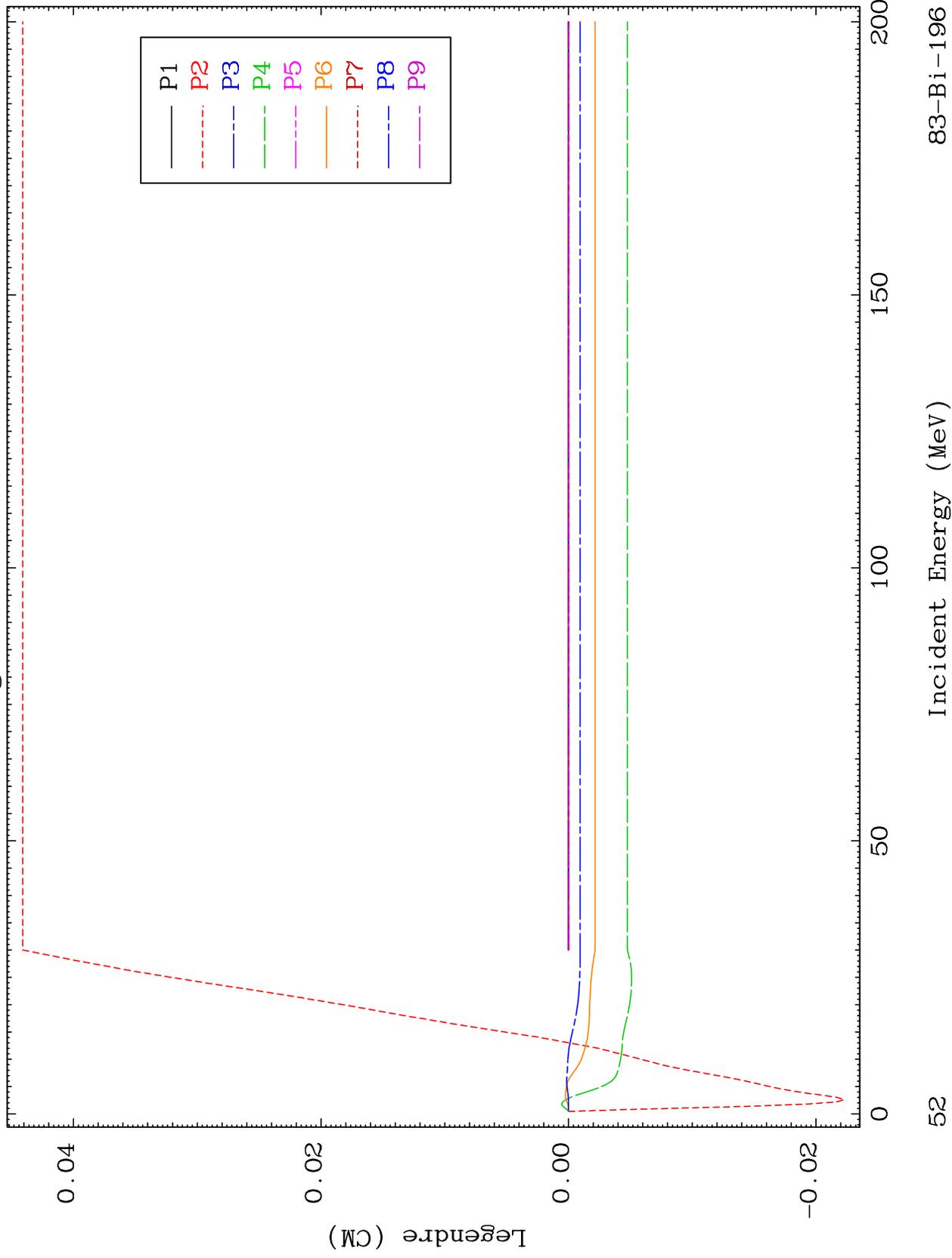
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MAT 8286

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

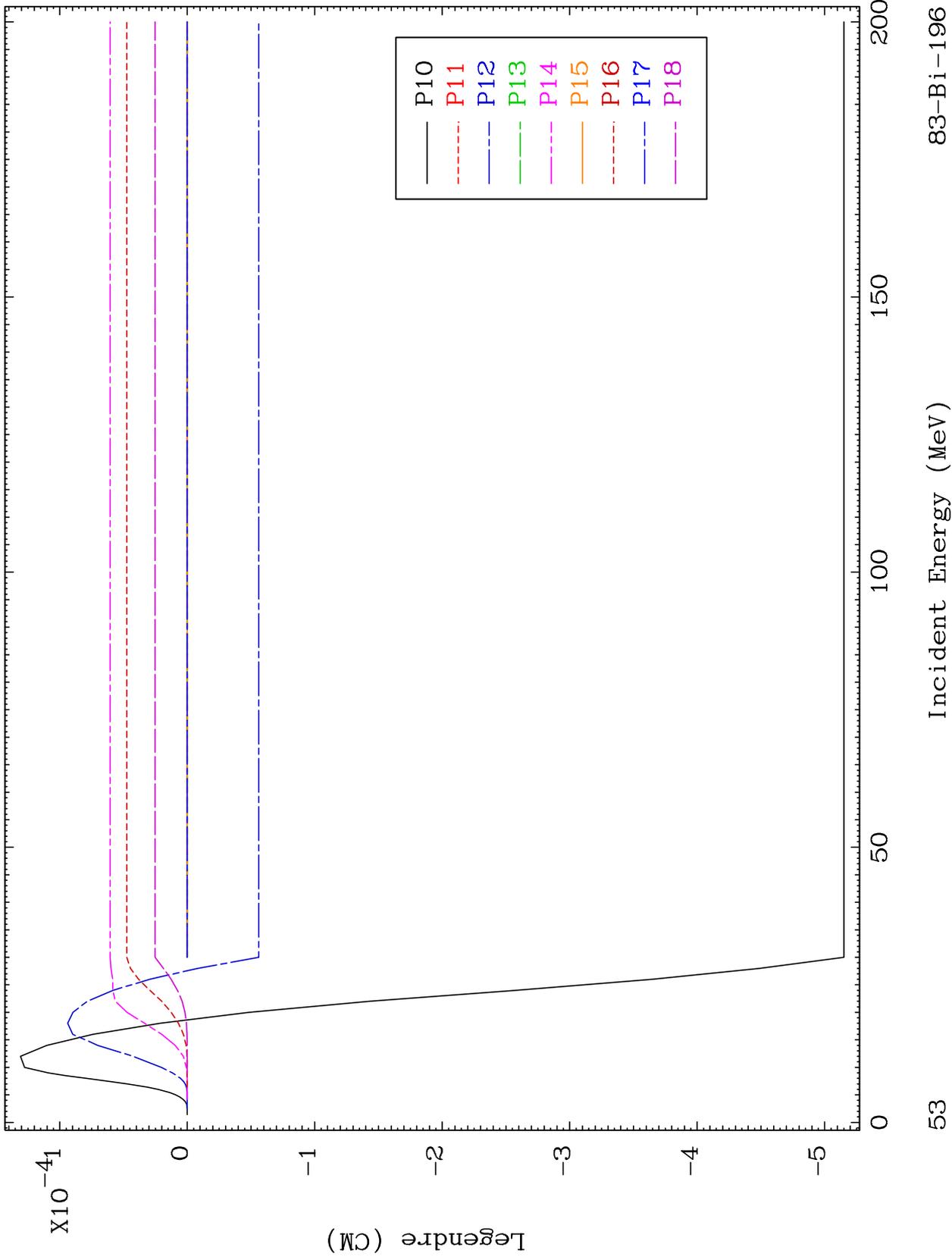
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MAT 8286

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

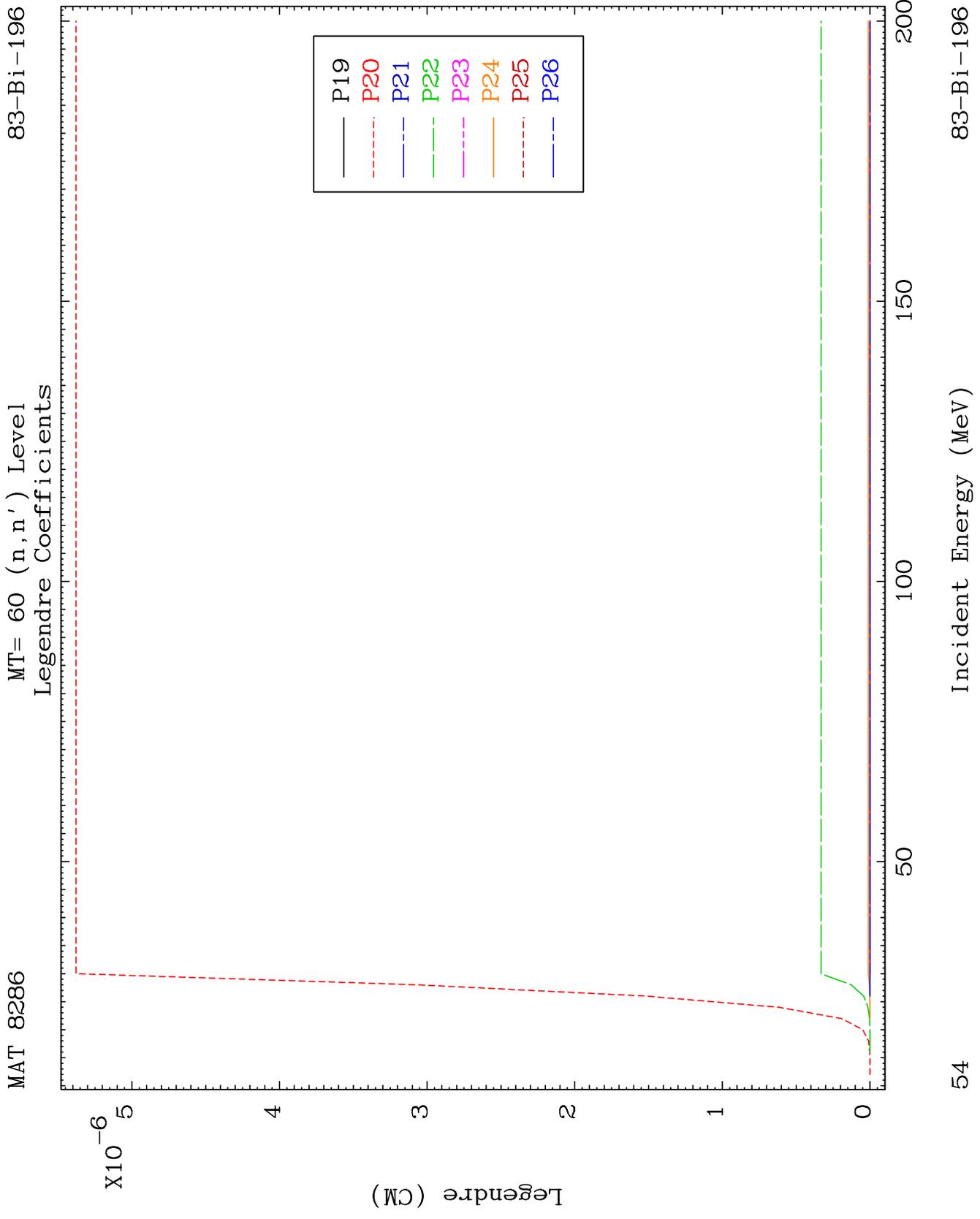
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Incident Energy (MeV)

83-Bi-196



83-Bi-196

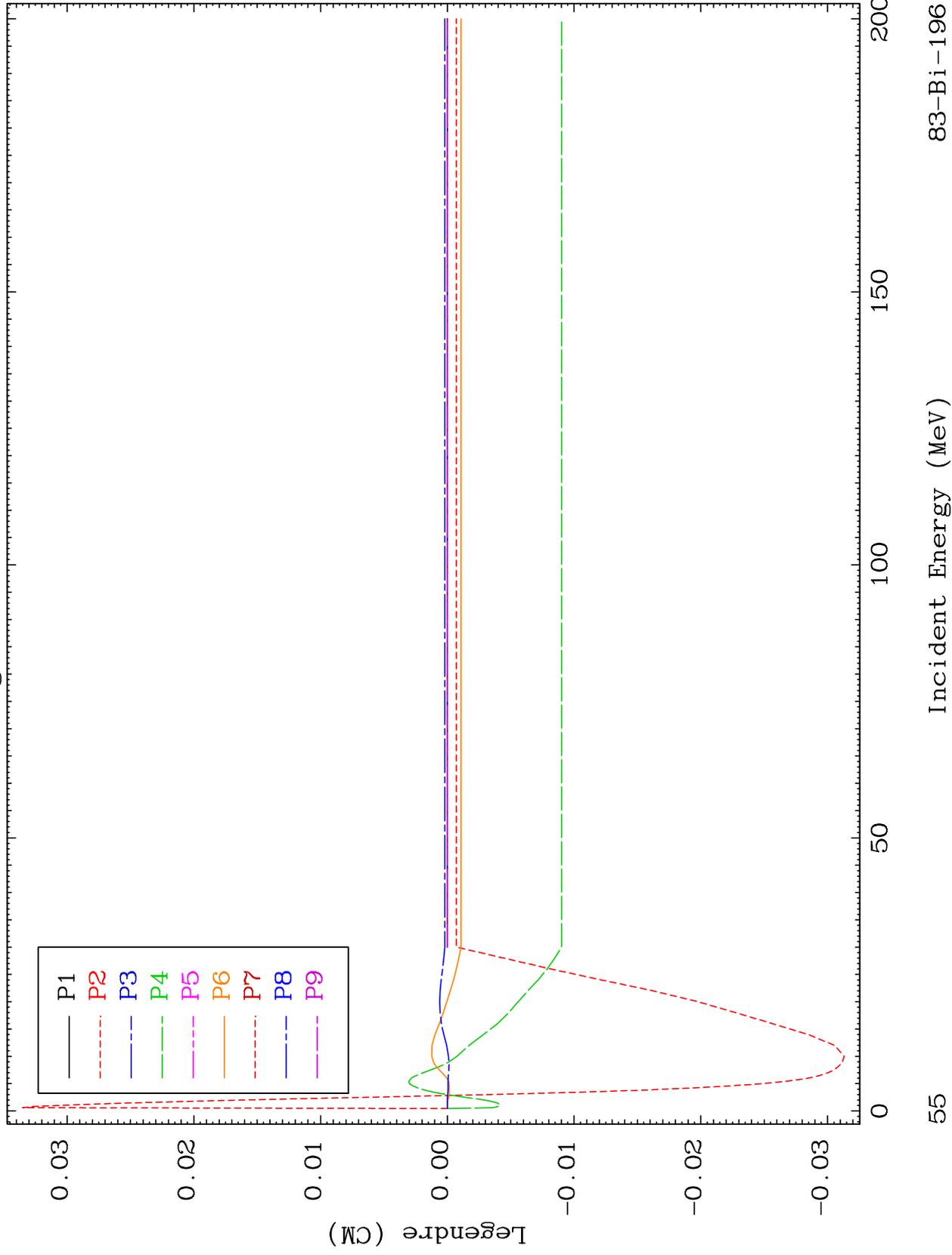
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



83-Bi-196

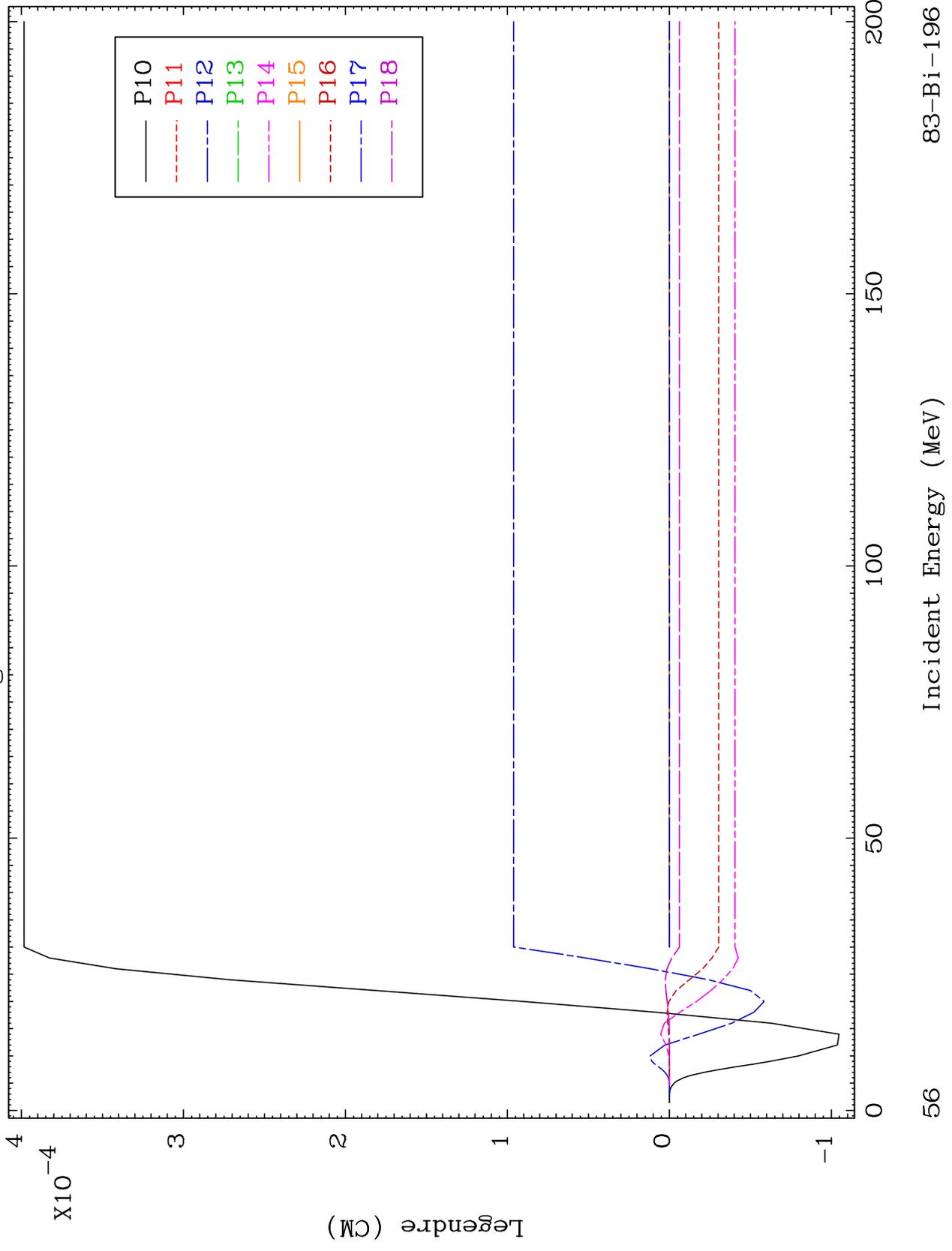
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MT= 61 (n,n') Level
Legendre Coefficients

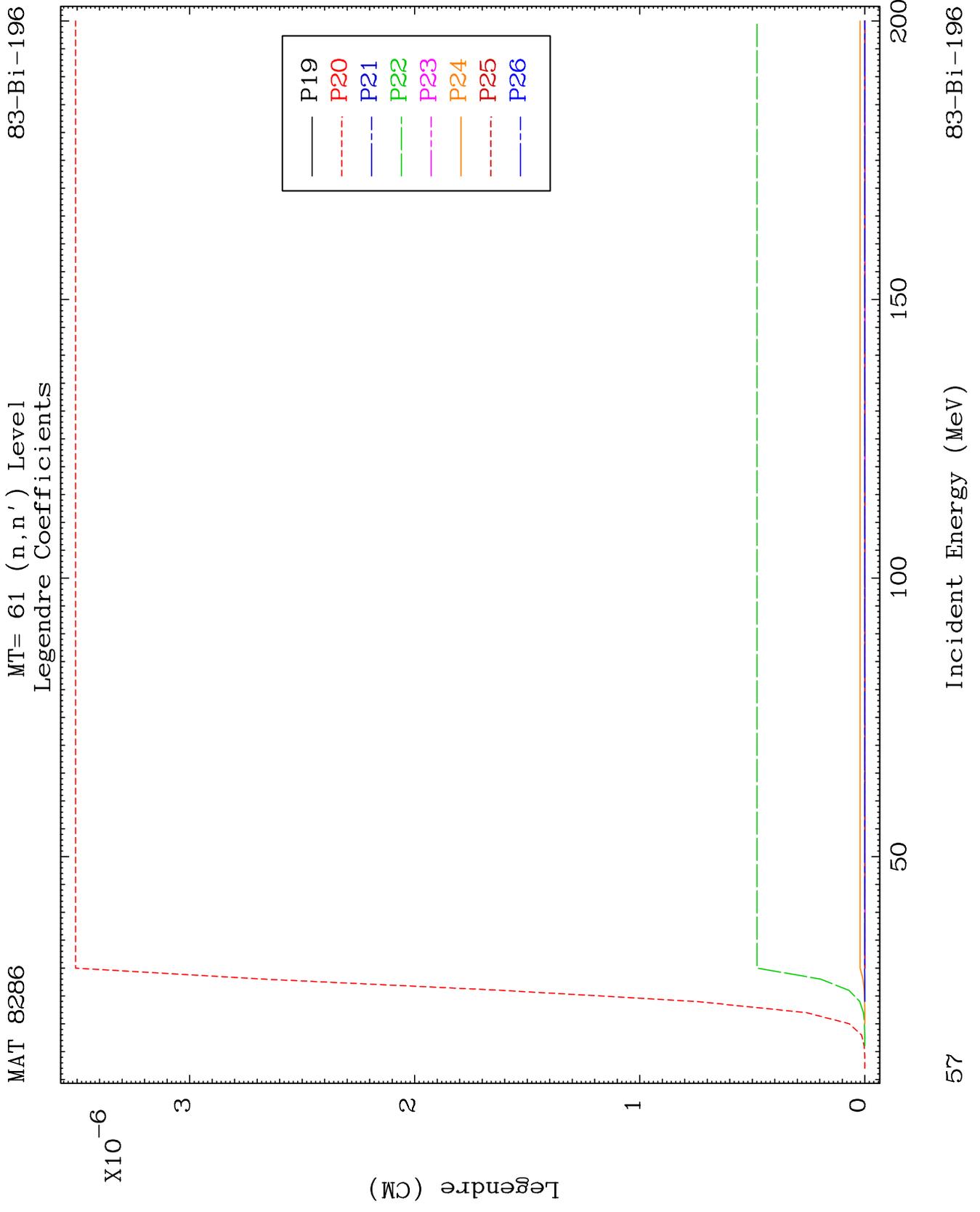
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83-Bi-196

Incident Energy (MeV)

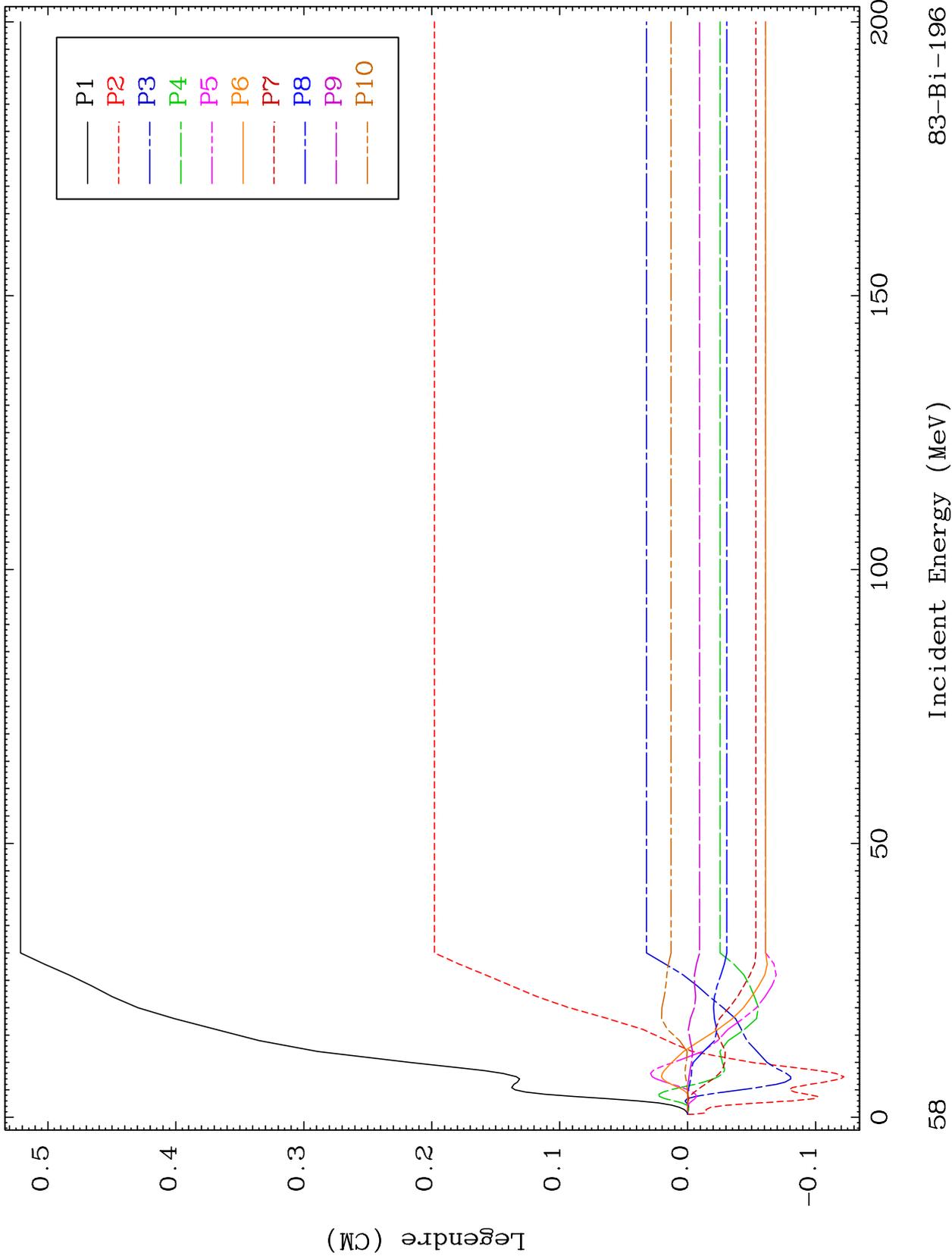
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MAT 8286

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

83-Bi-196



83-Bi-196

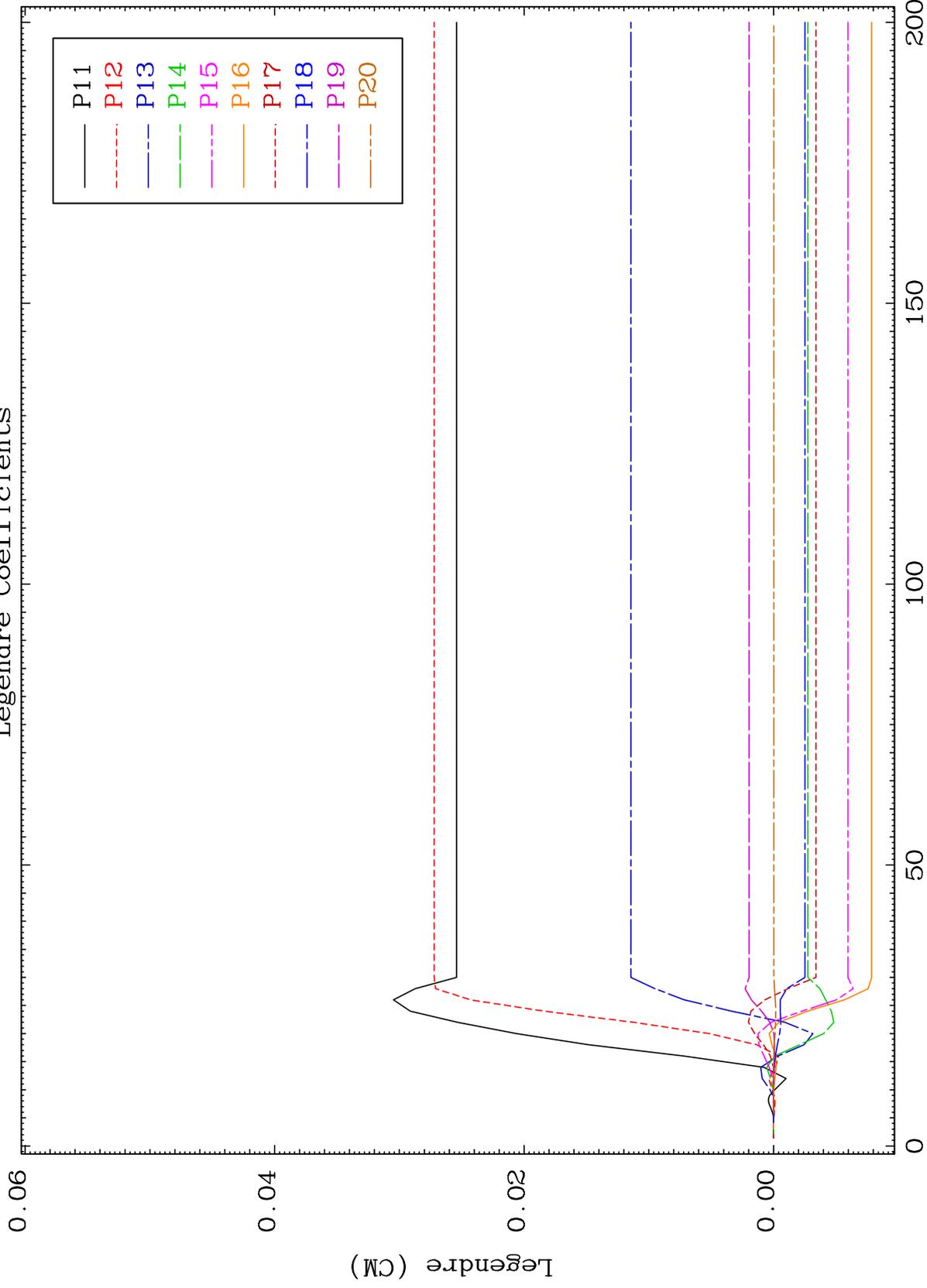
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



59

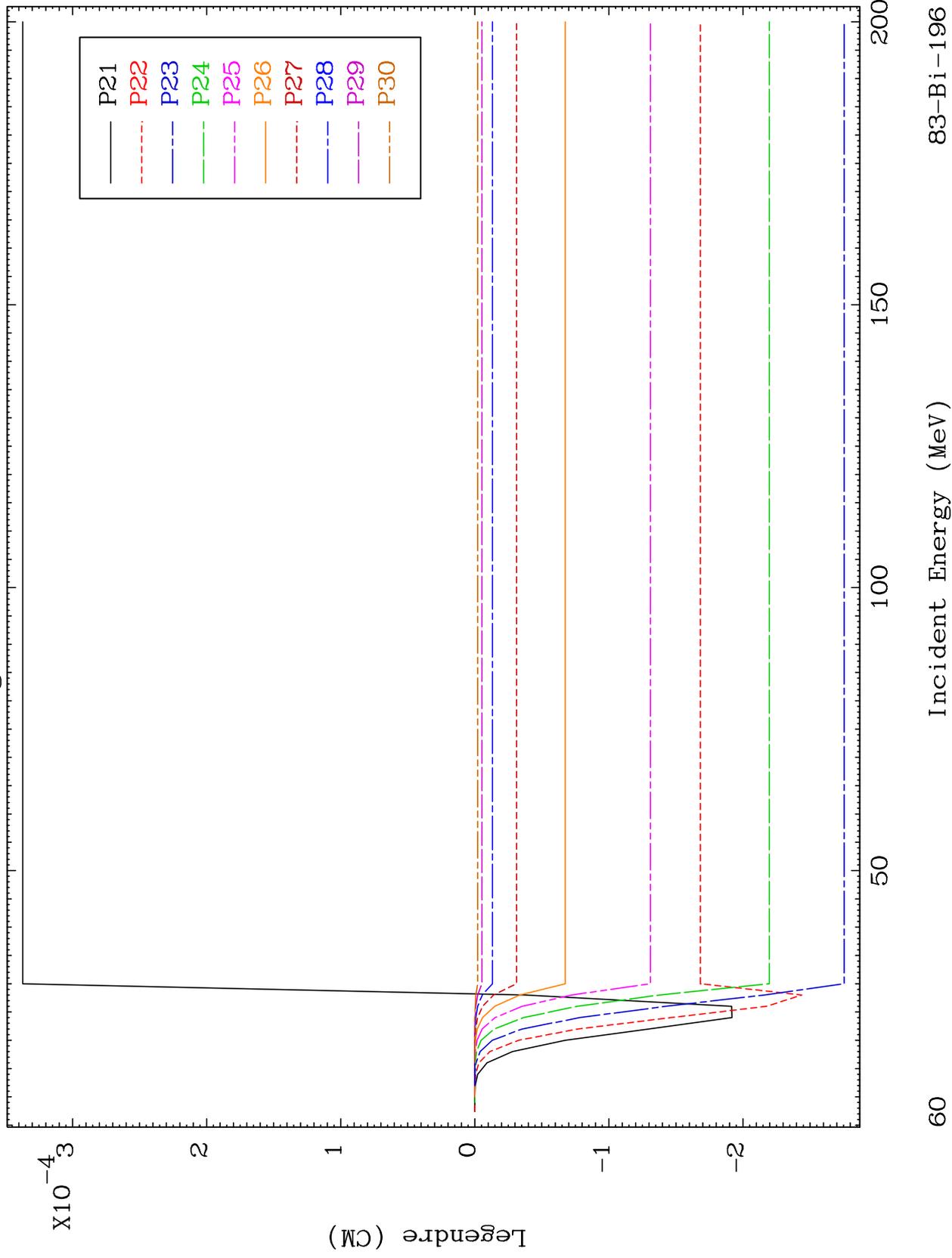
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



60

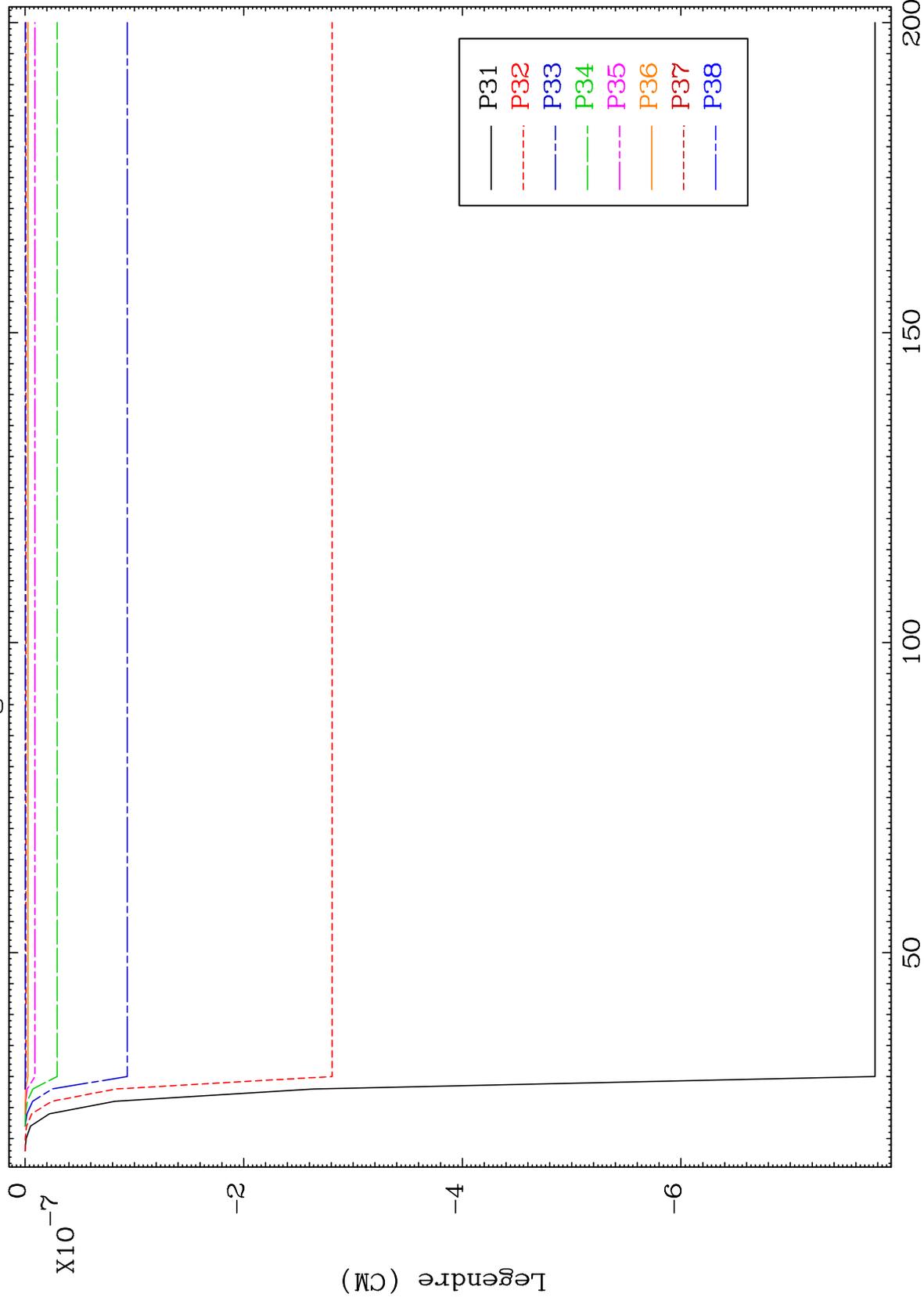
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



61

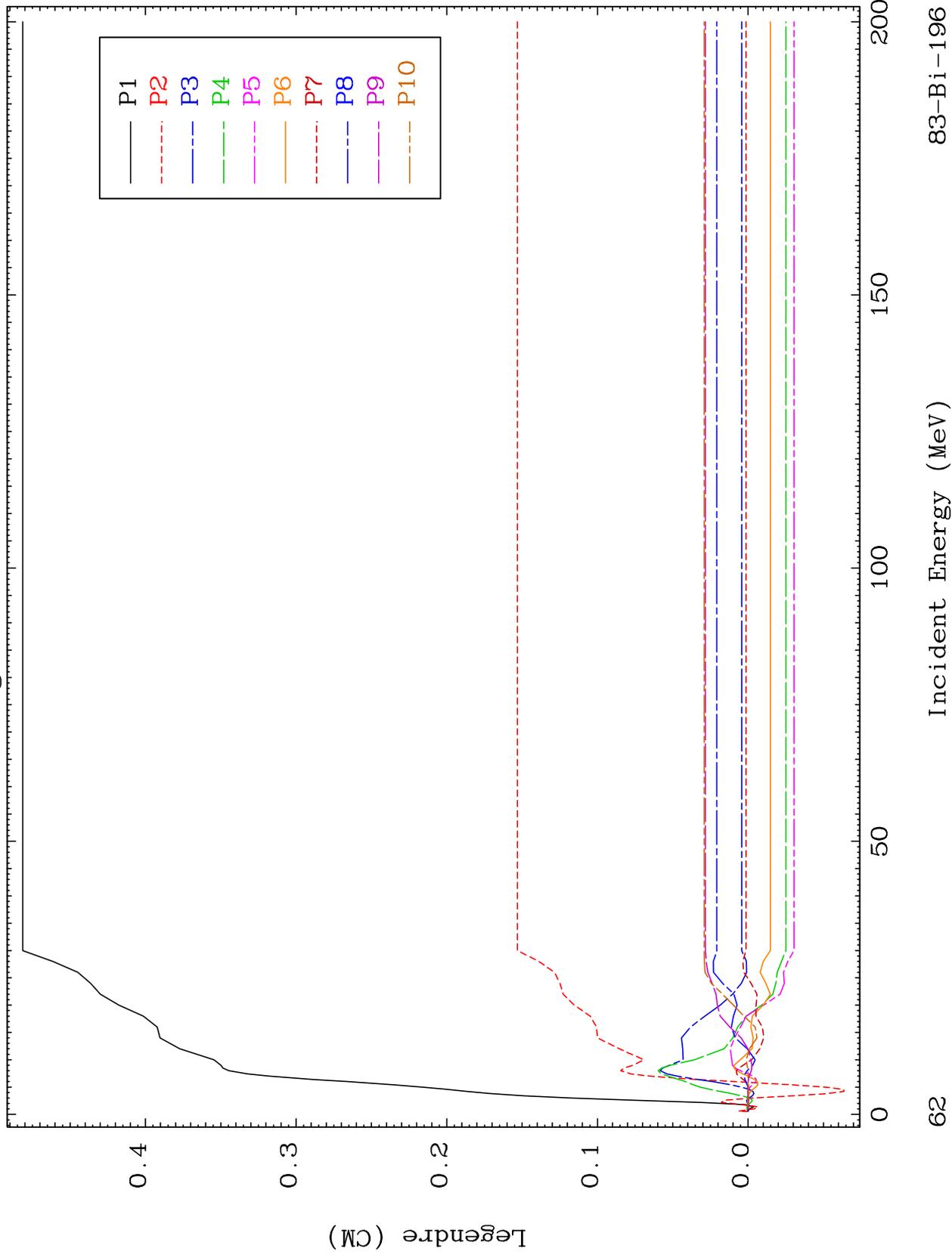
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



83-Bi-196

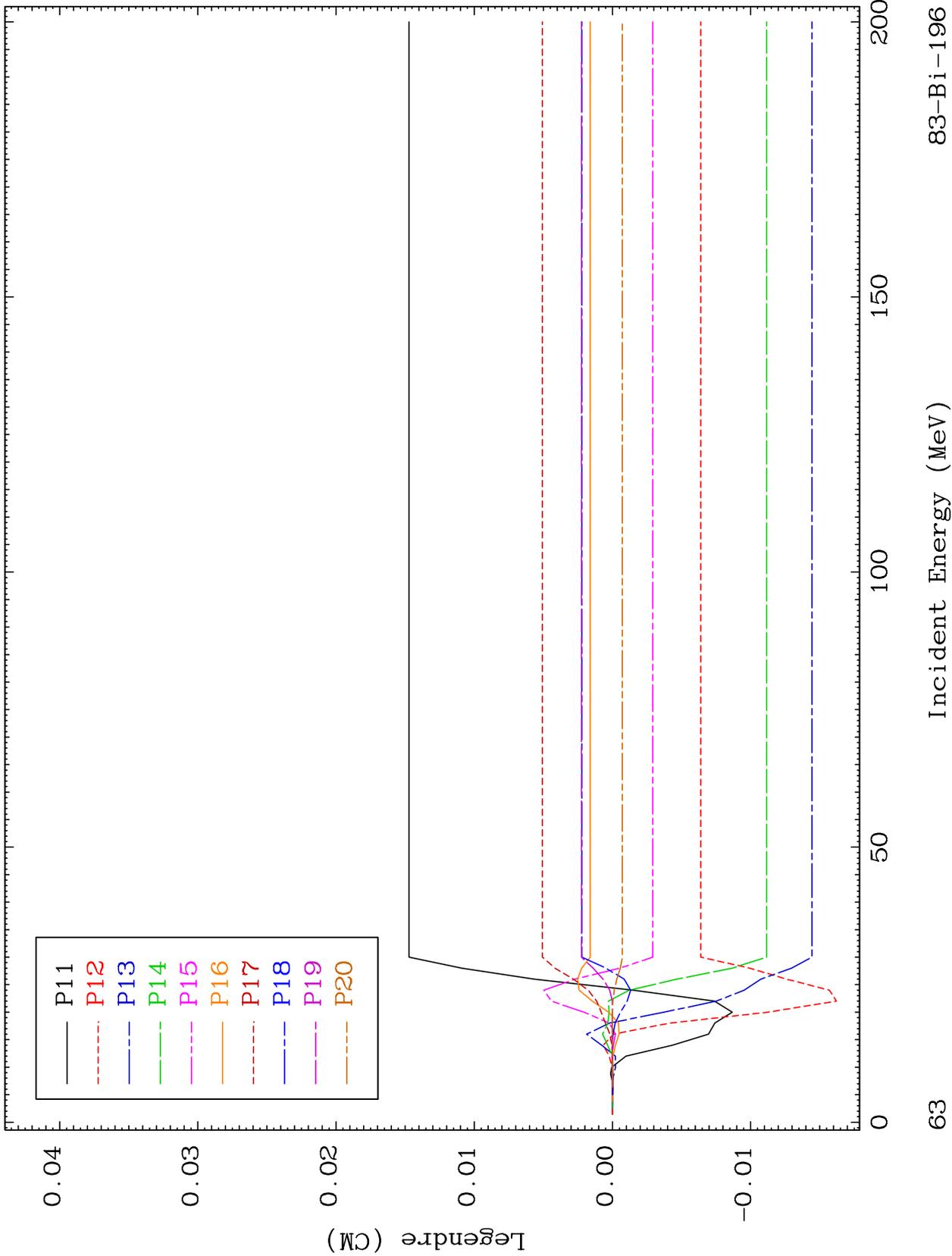
Incident Energy (MeV)

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MAT 8286

MT= 63 (n,n') Level
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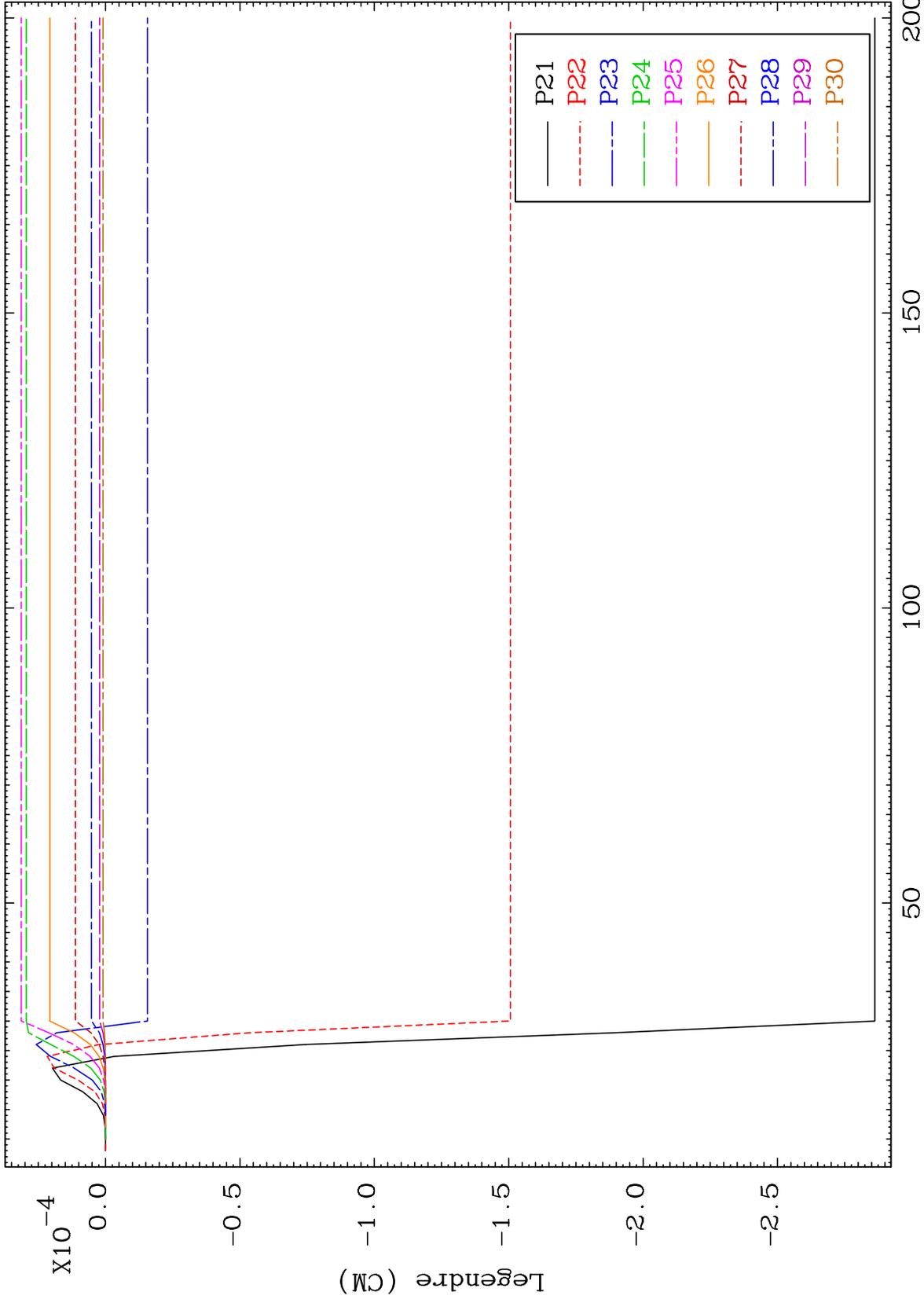
83-Bi-196



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Incident Energy (MeV)

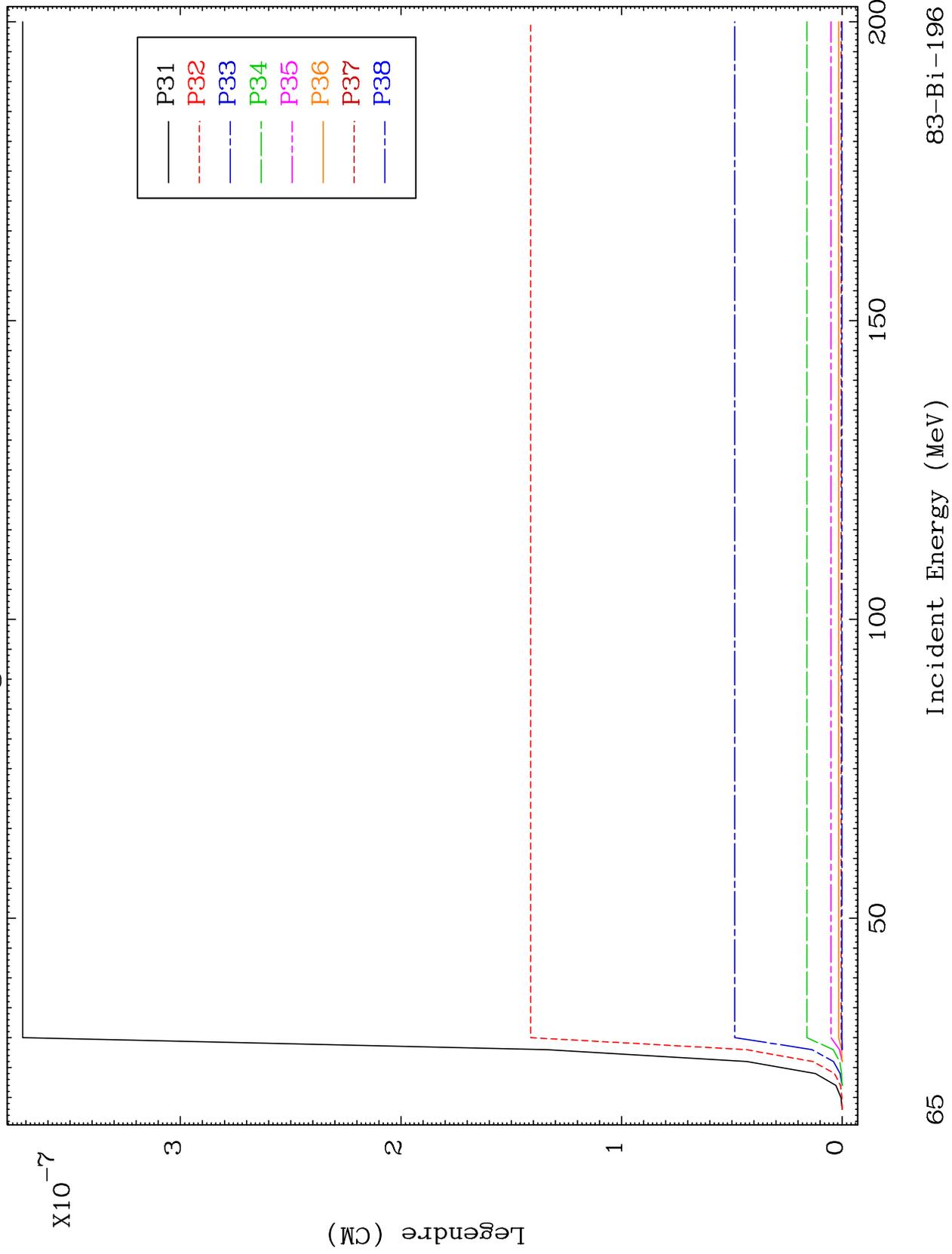
83-Bi-196



MAT 8286

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

83-Bi-196



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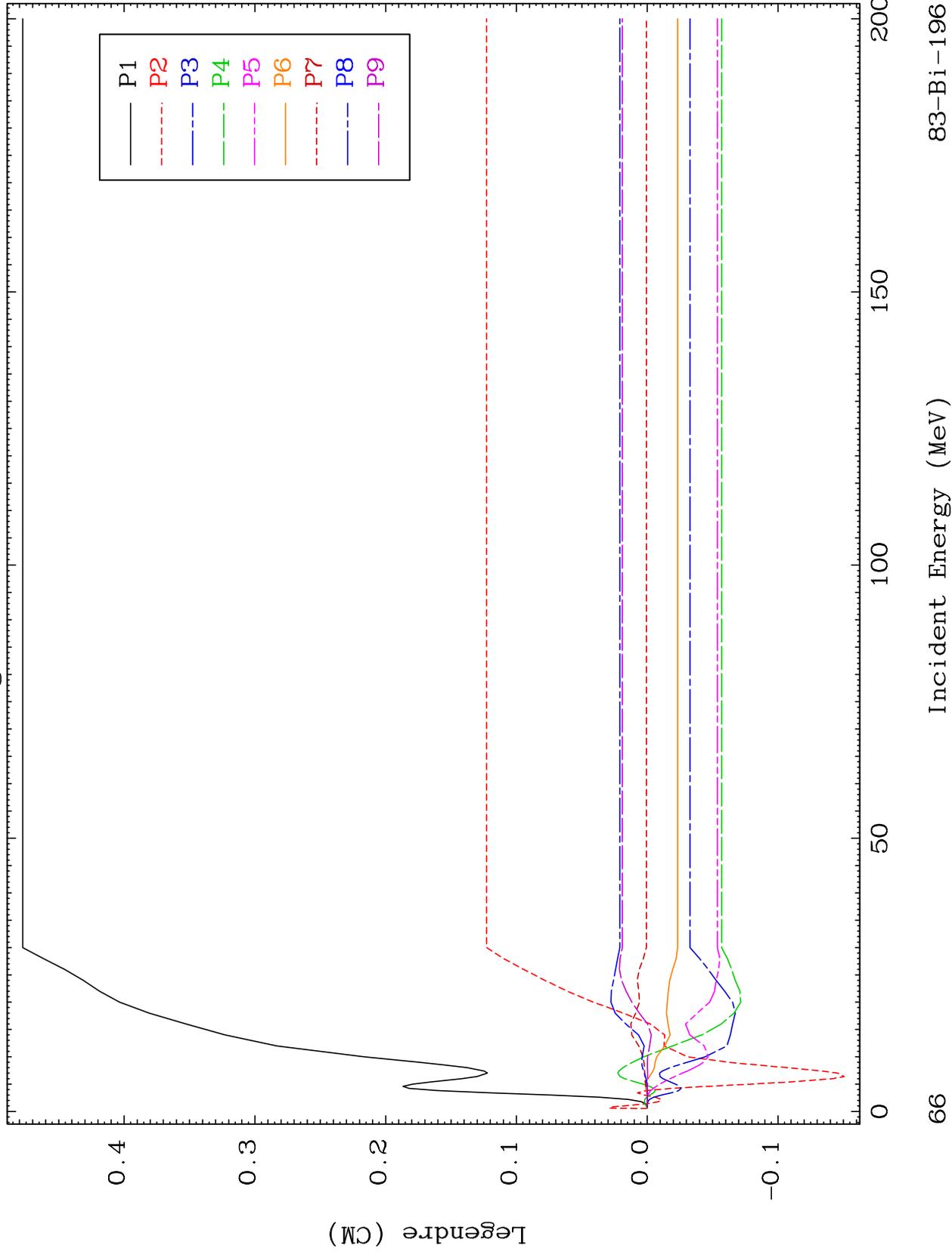
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



83-Bi-196

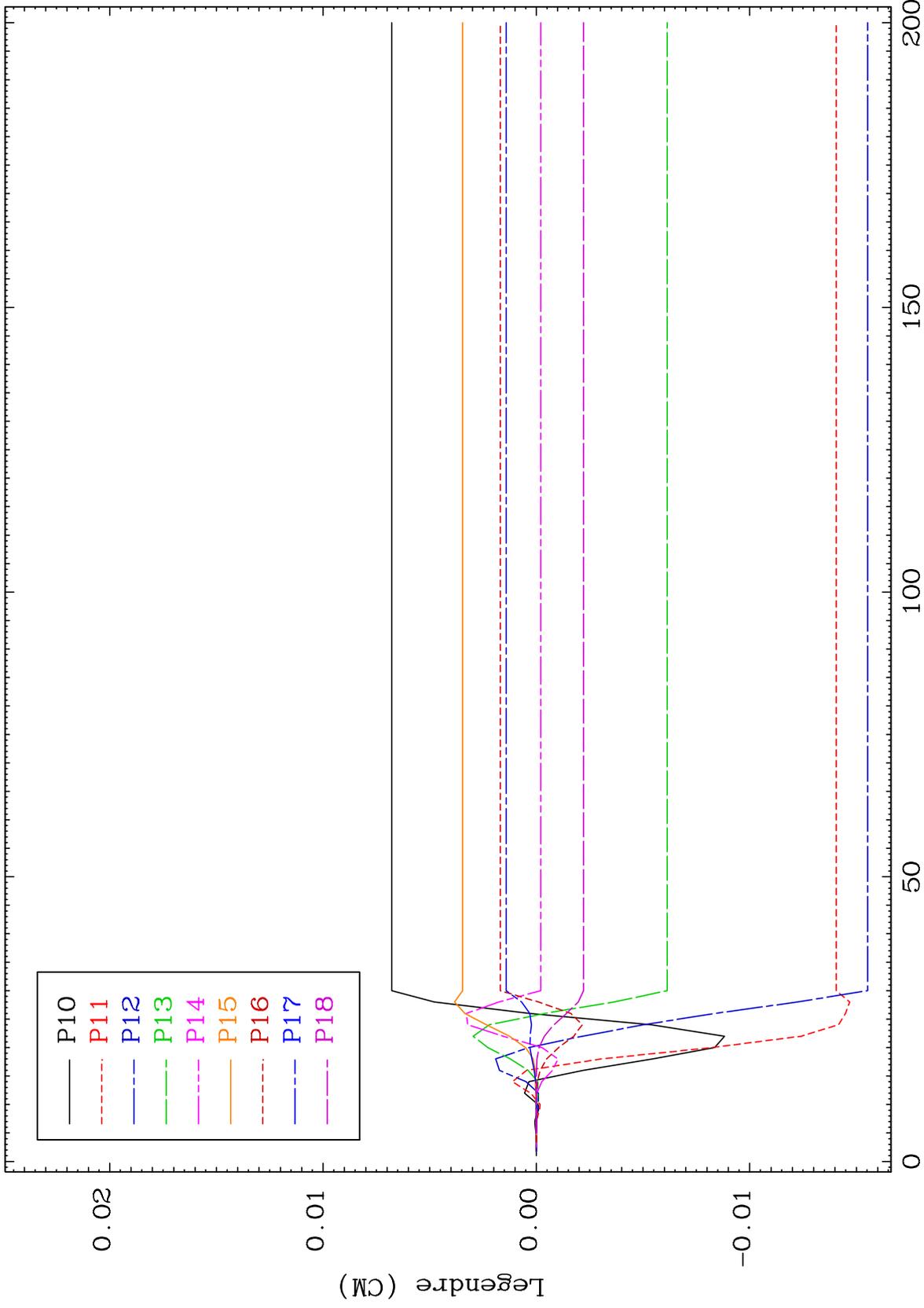
Incident Energy (MeV)

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MAT 8286

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

83-Bi-196



67

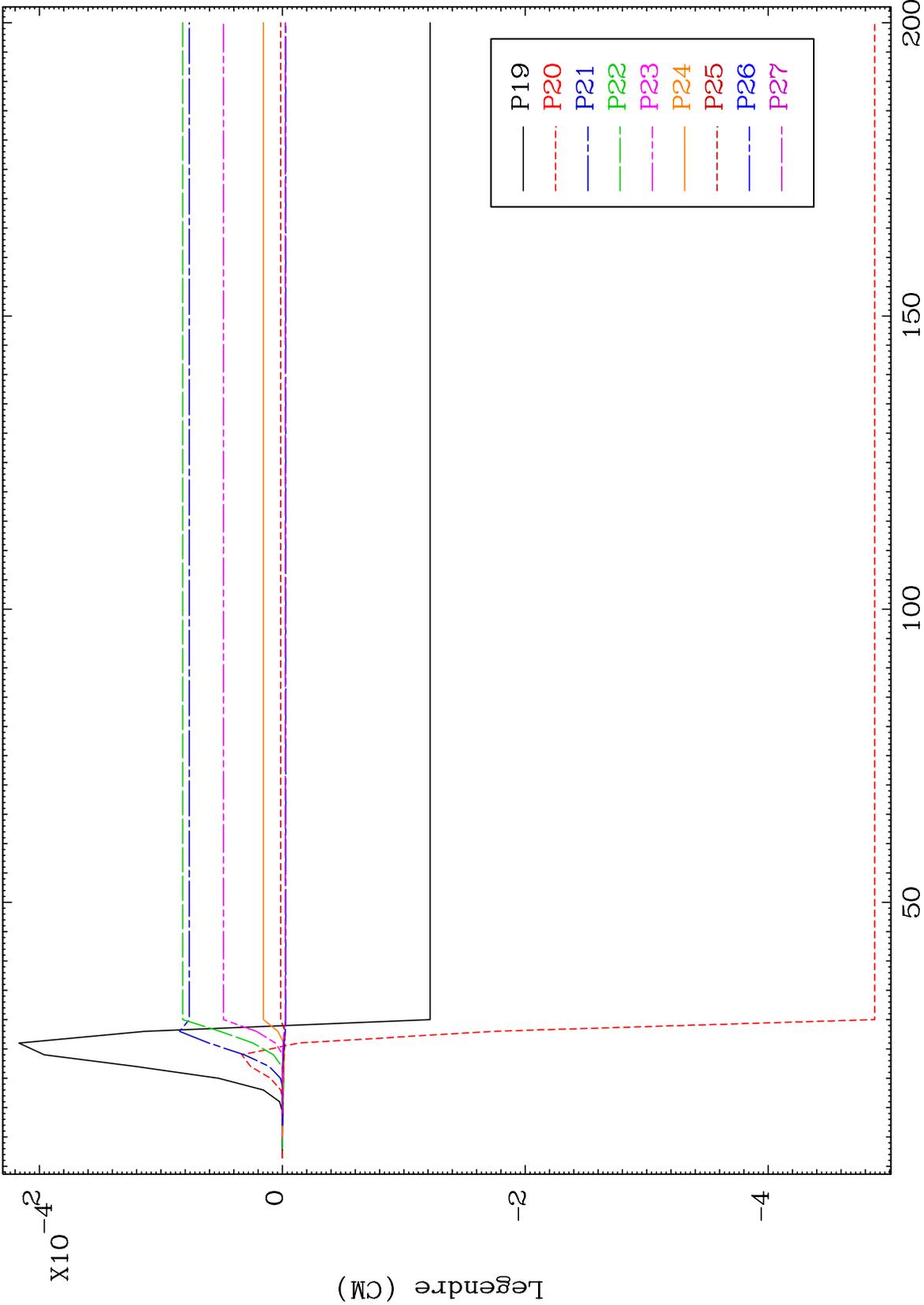
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



68

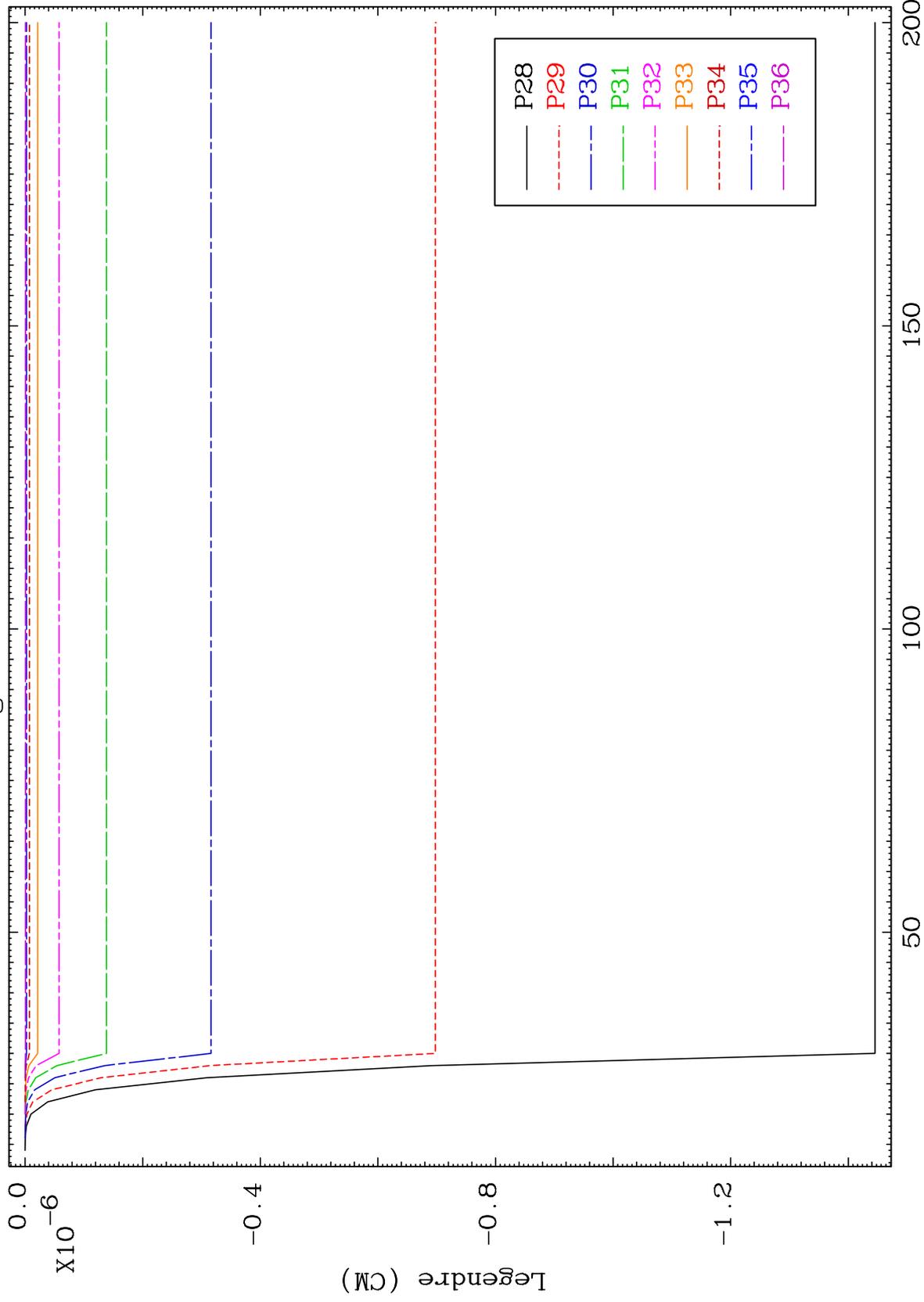
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



69

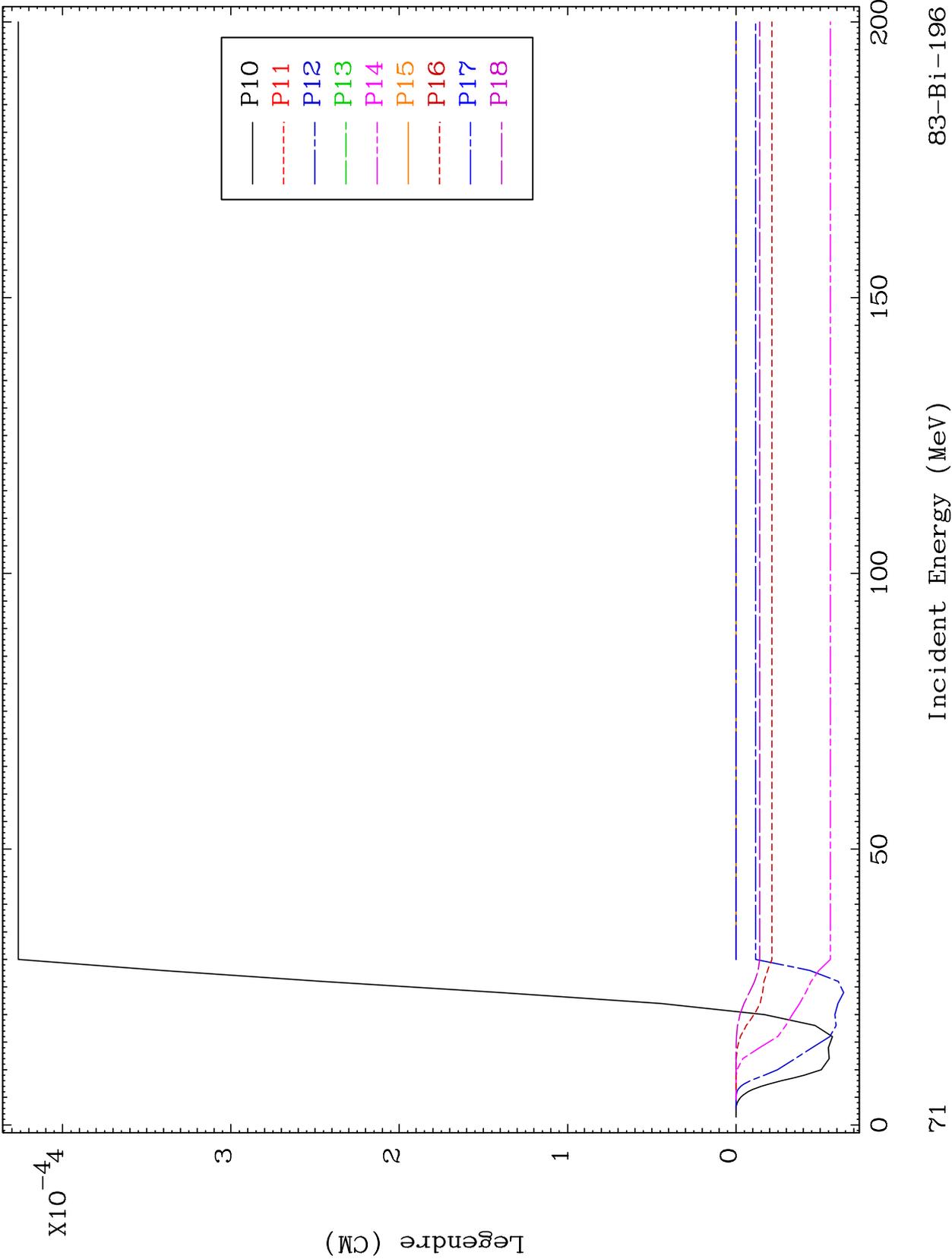
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



83-Bi-196

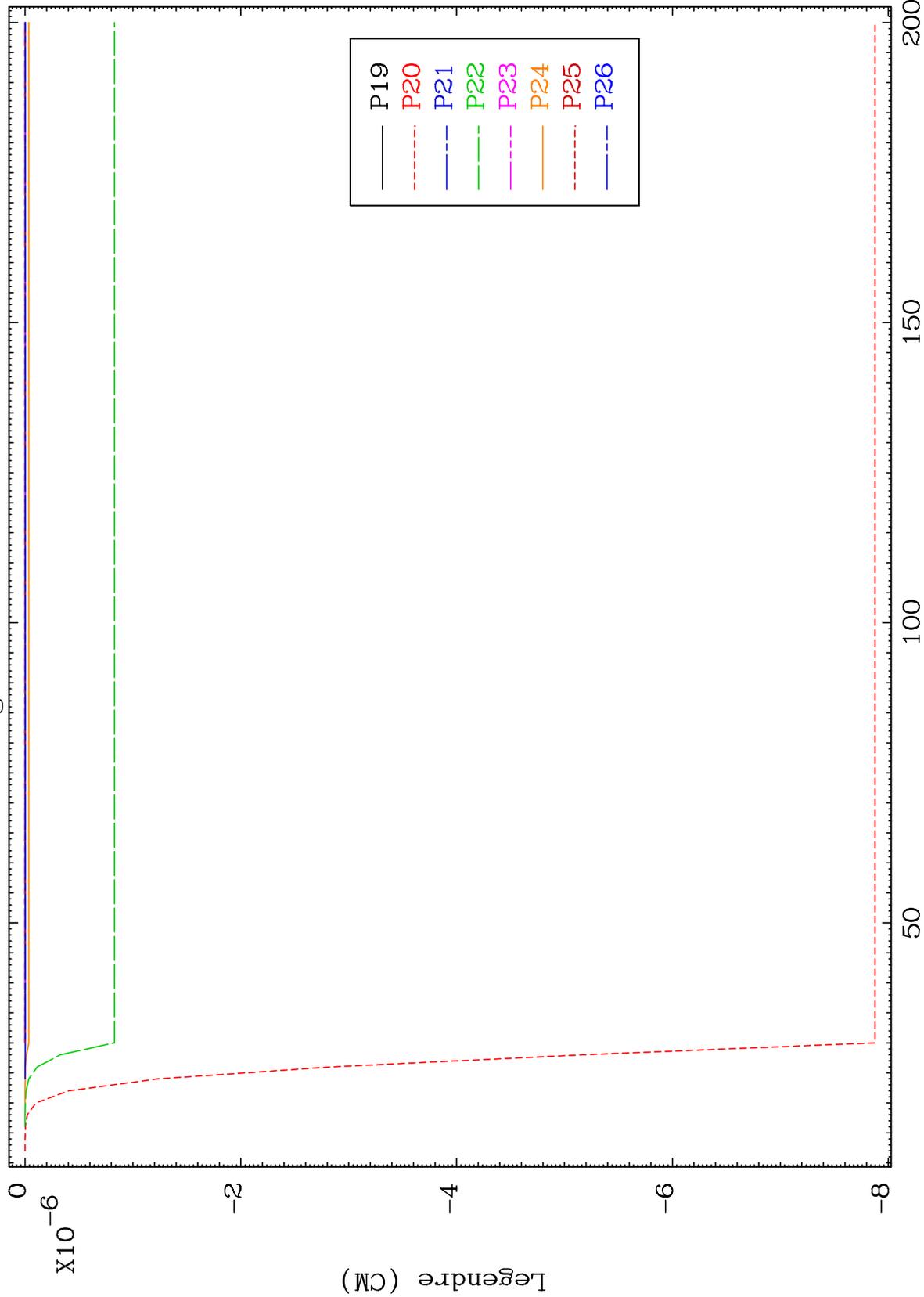
Incident Energy (MeV)

71

MAT 8286

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

83-Bi-196



83-Bi-196

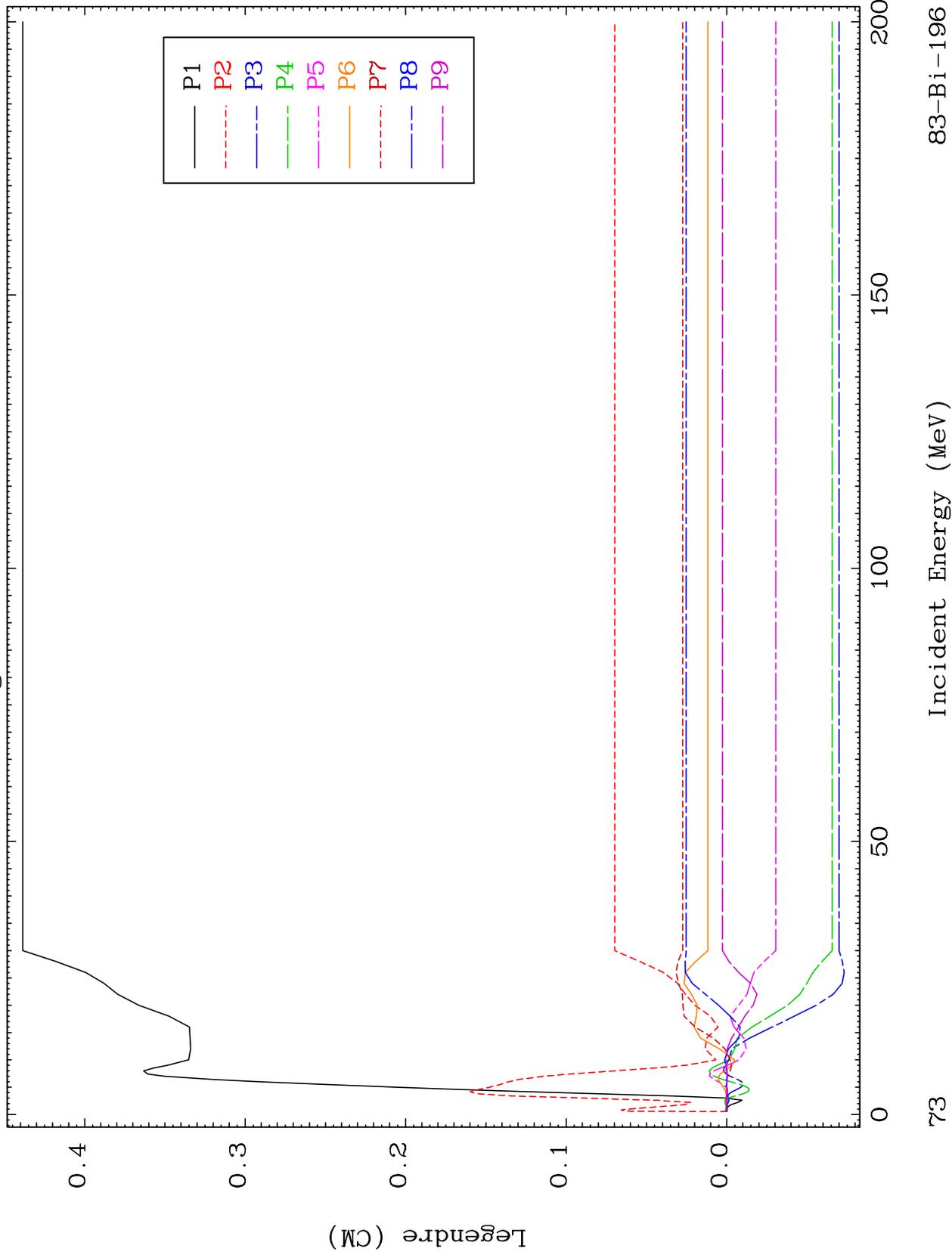
Incident Energy (MeV)

72

MAT 8286

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

83-Bi-196



83-Bi-196

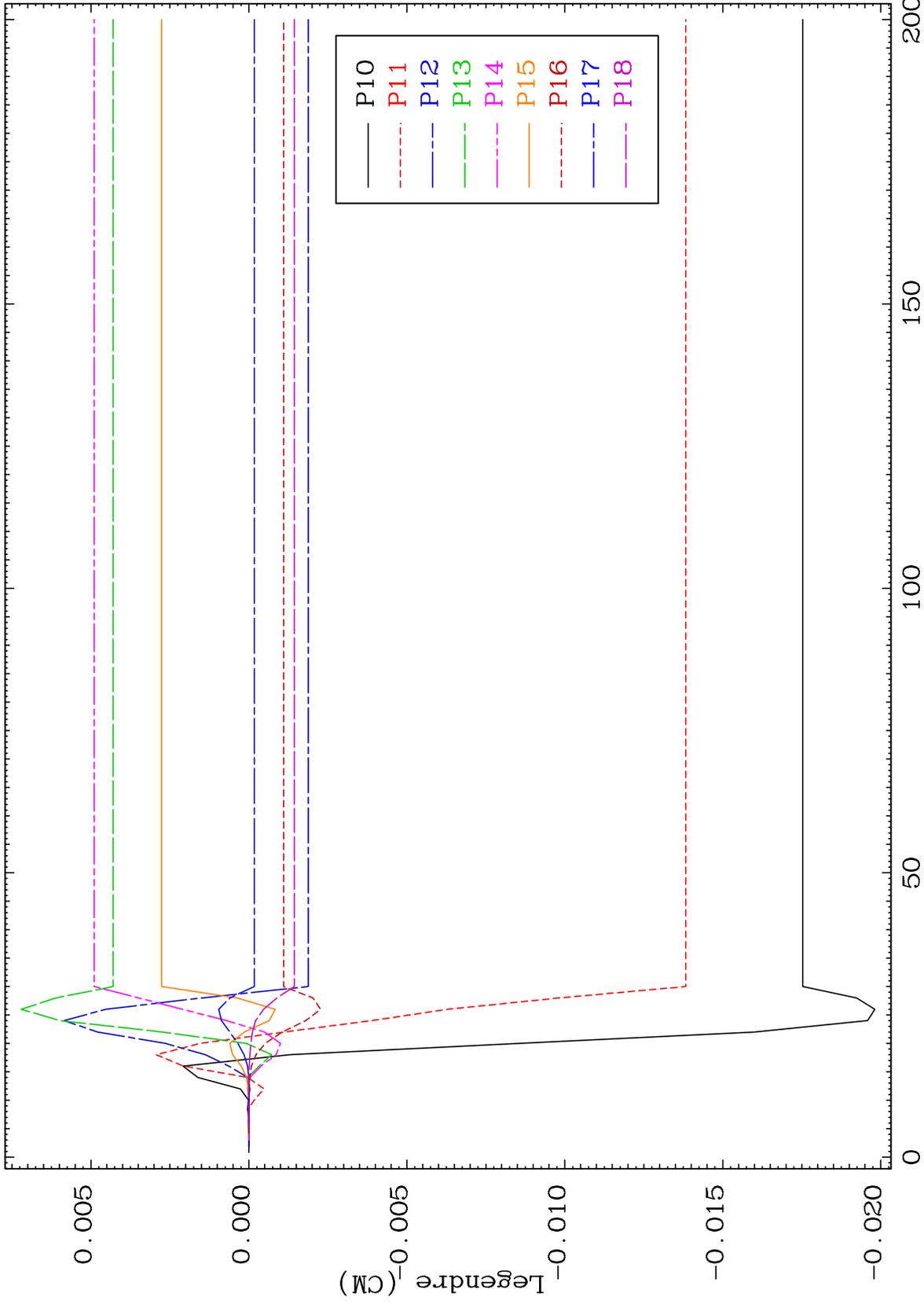
Incident Energy (MeV)

73

MAT 8286

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

83-Bi-196



74

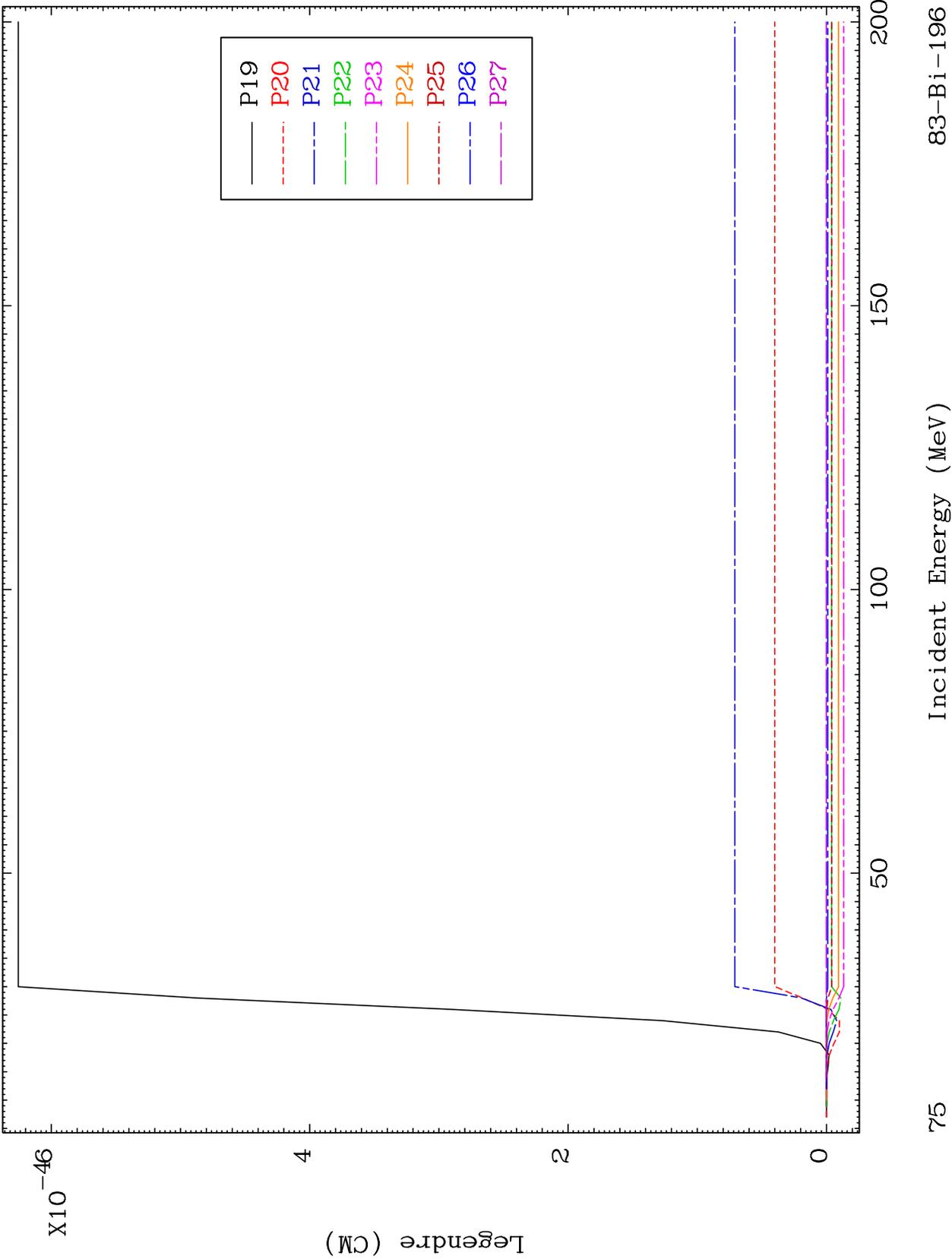
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

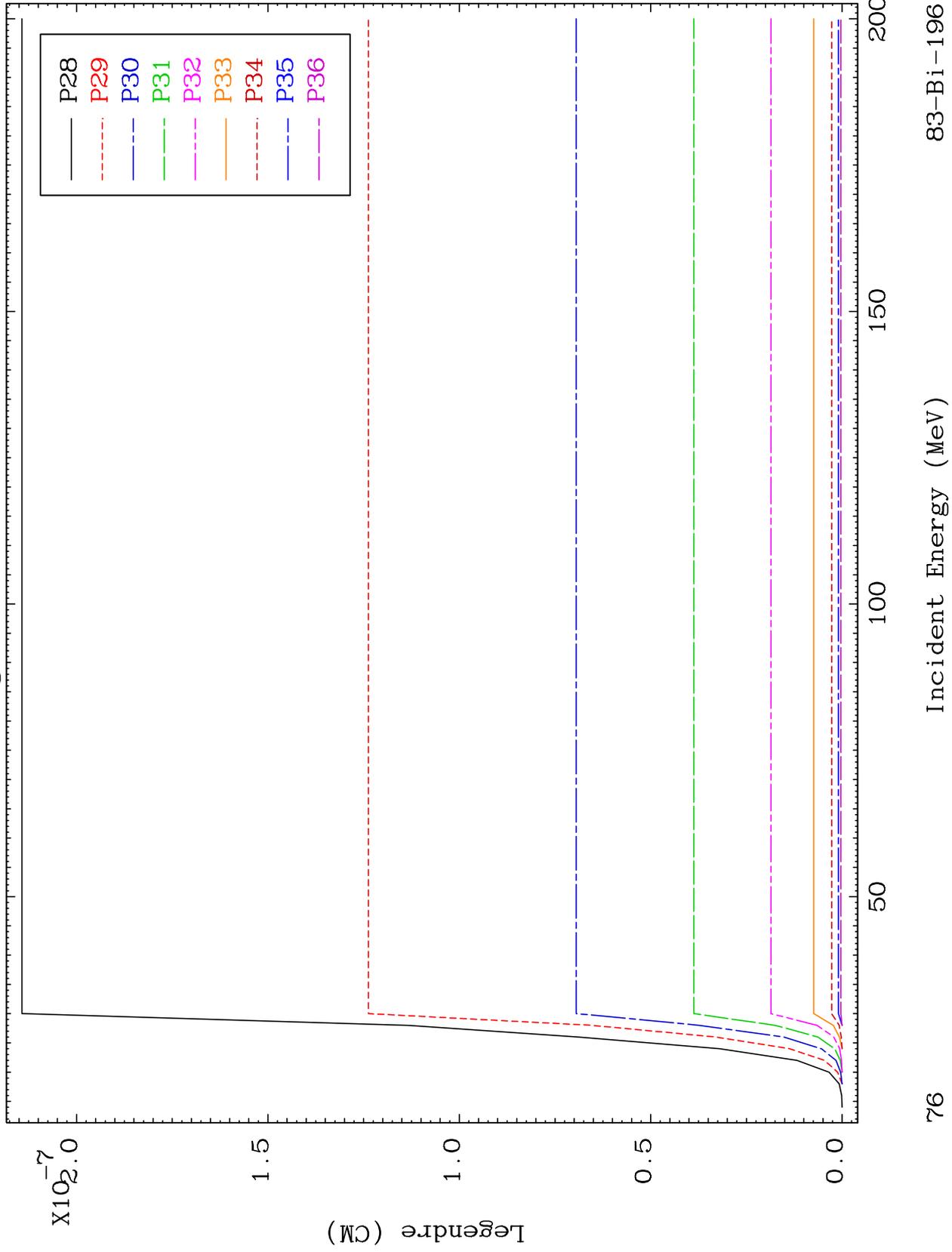
83-Bi-196



MAT 8286

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

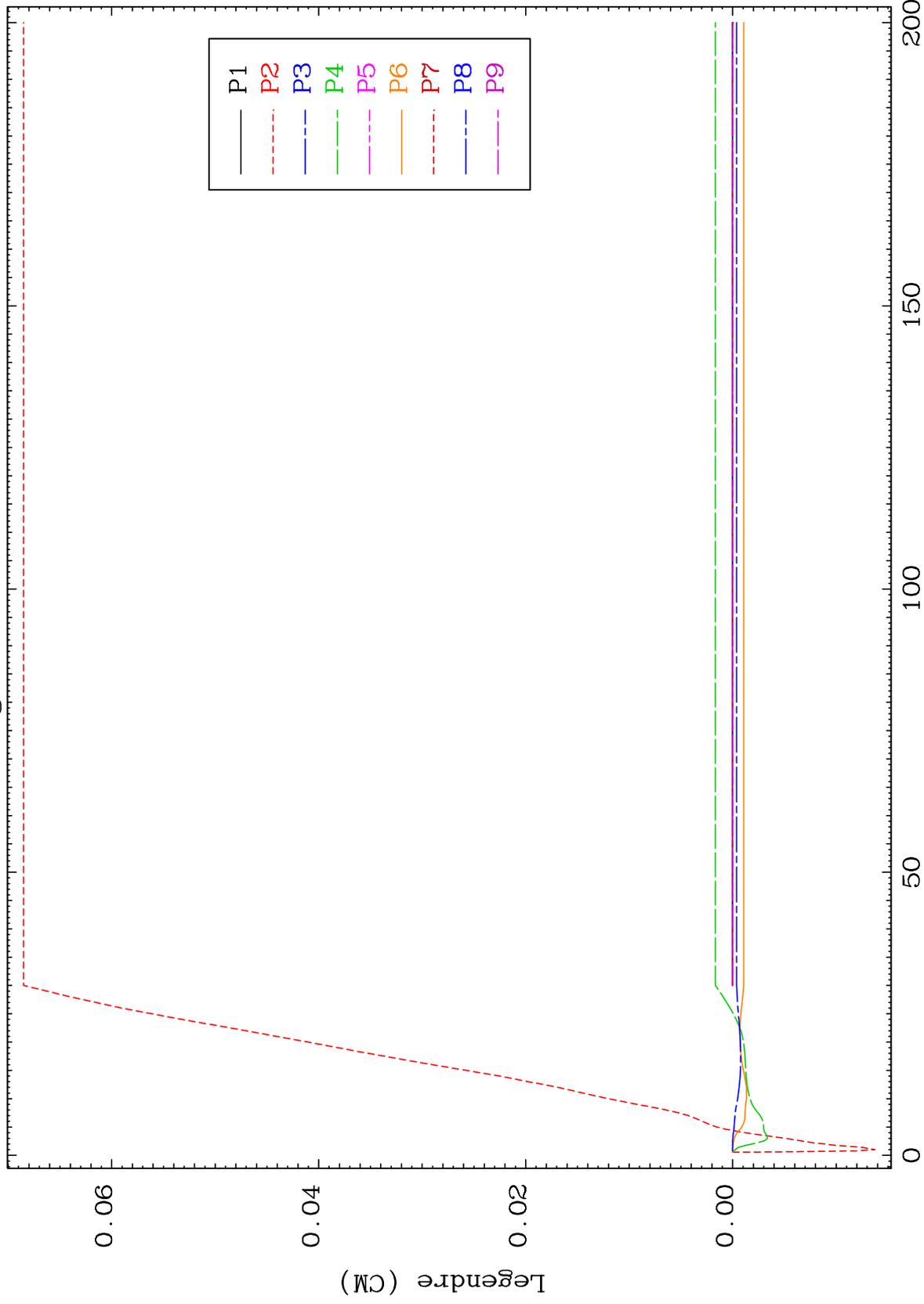
83-Bi-196



MAT 8286

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

83-Bi-196



77

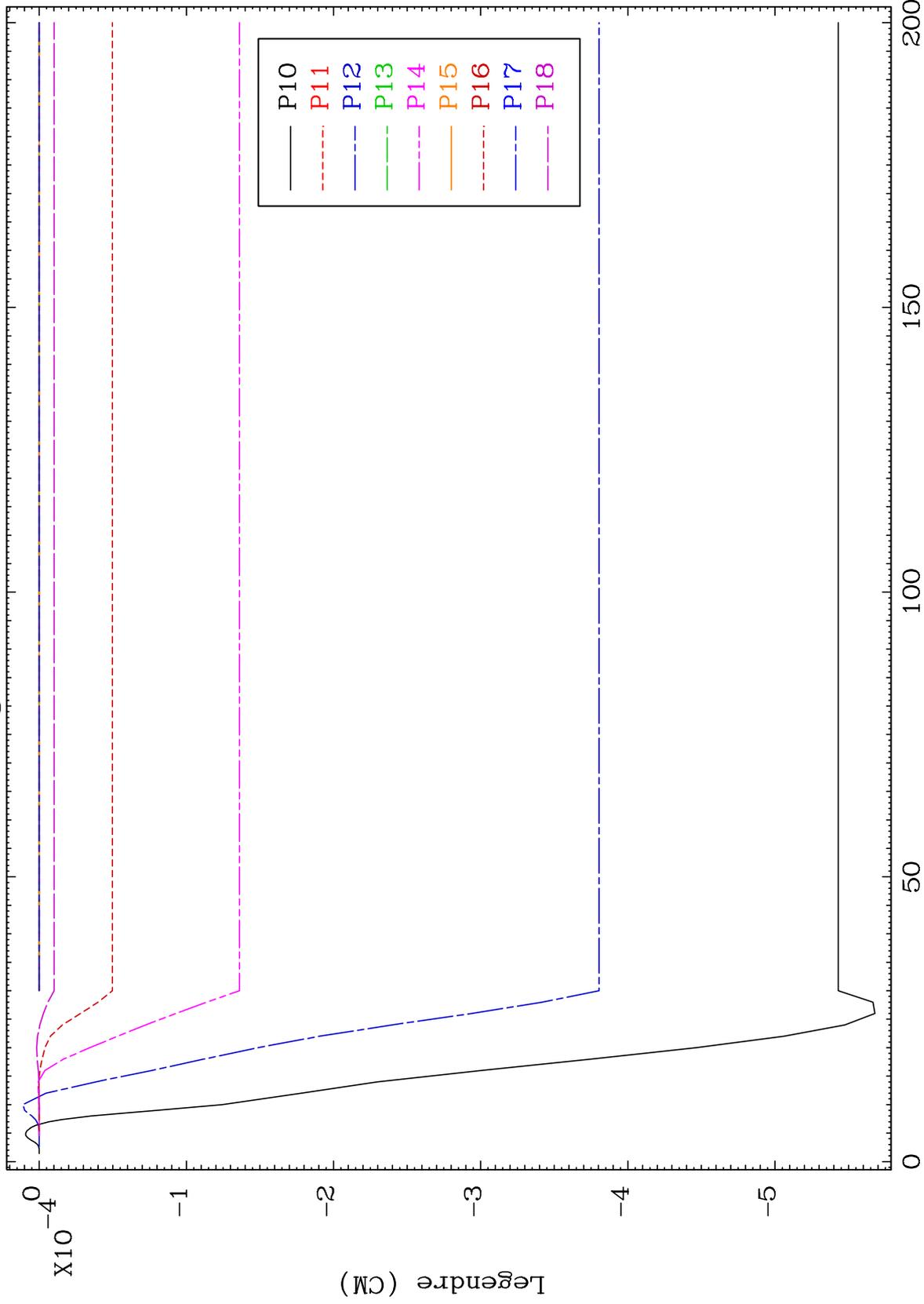
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



78

Incident Energy (MeV)

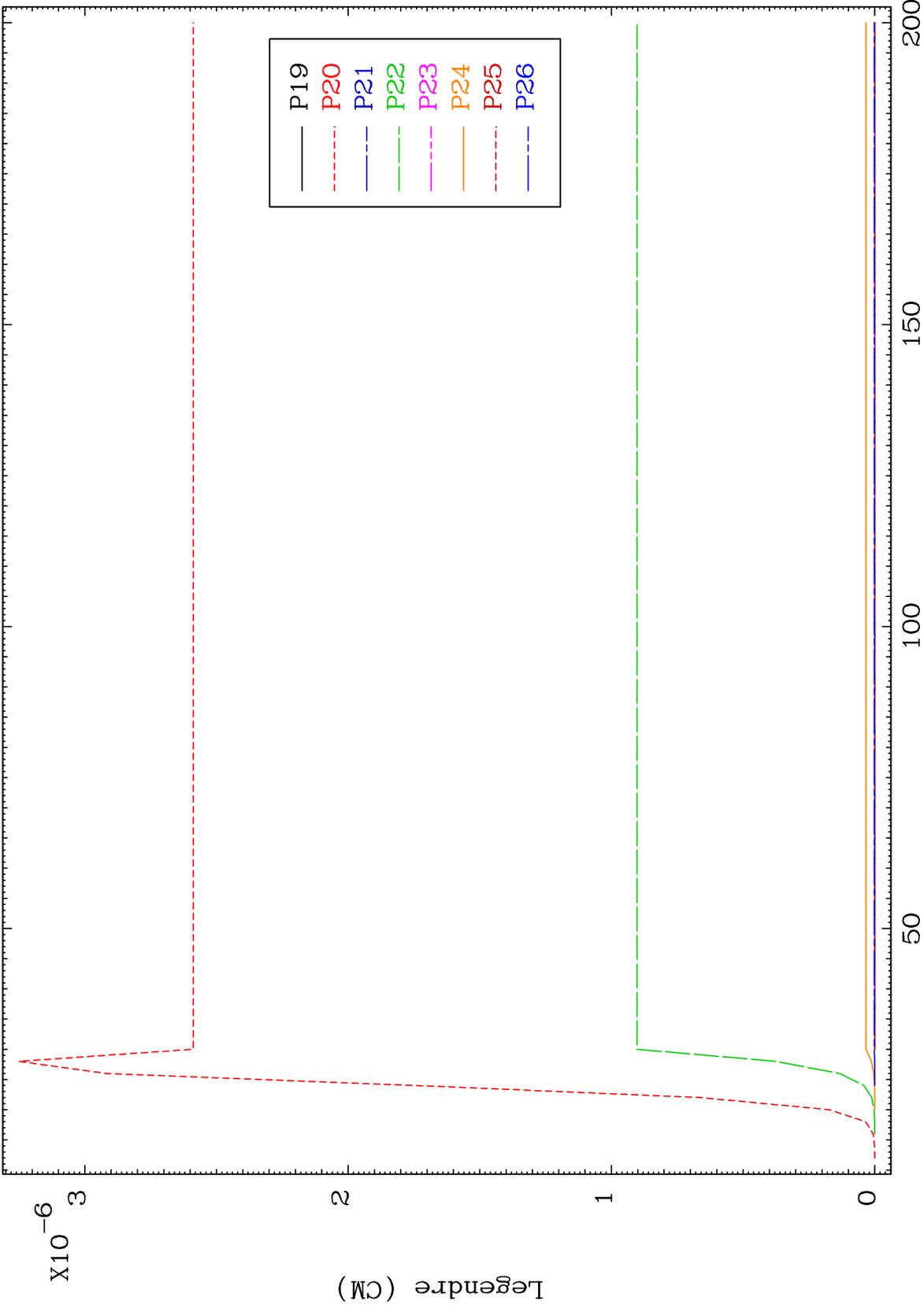
83-Bi-196

MAT 8286

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

83-Bi-196

$\times 10^{-6}$



79

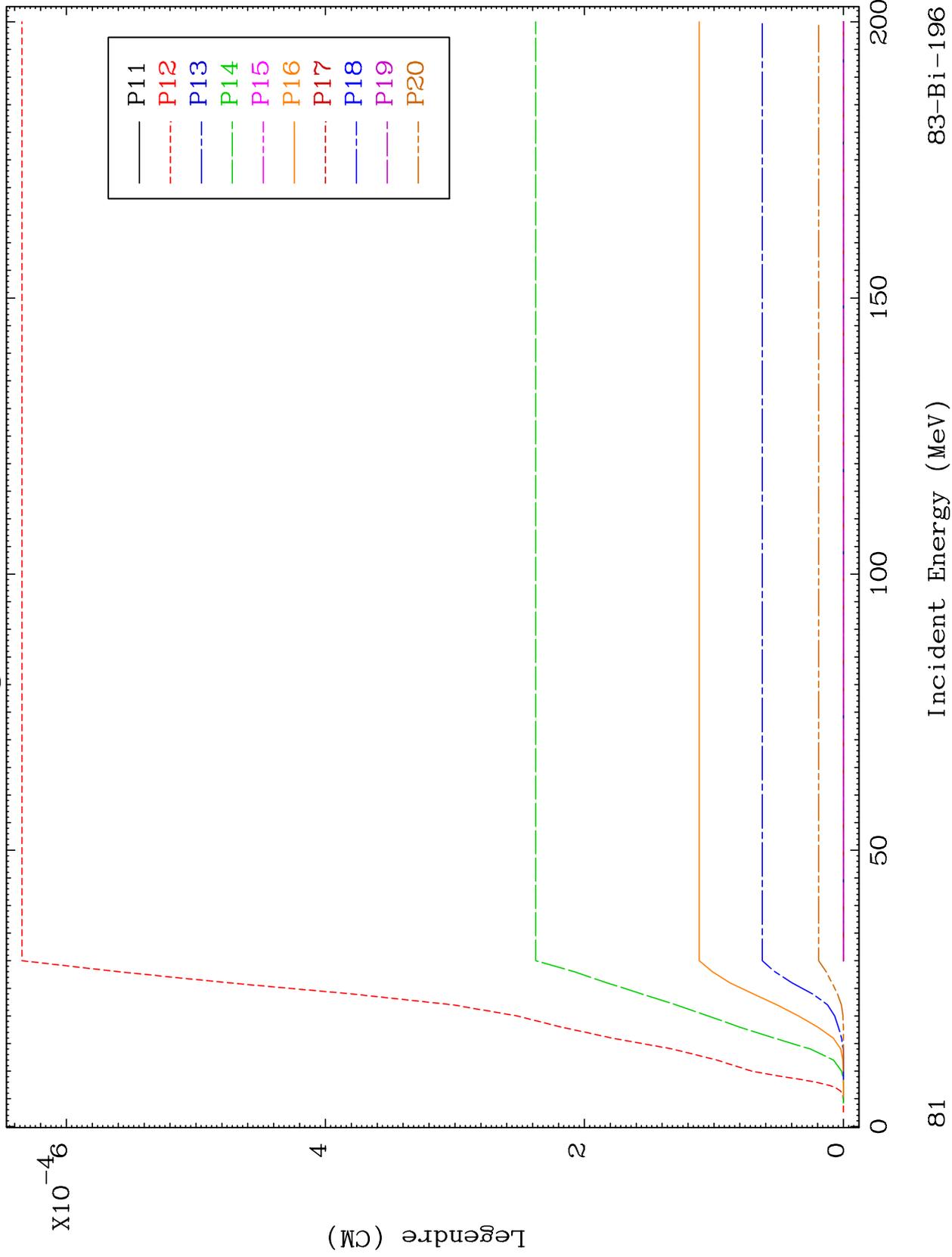
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



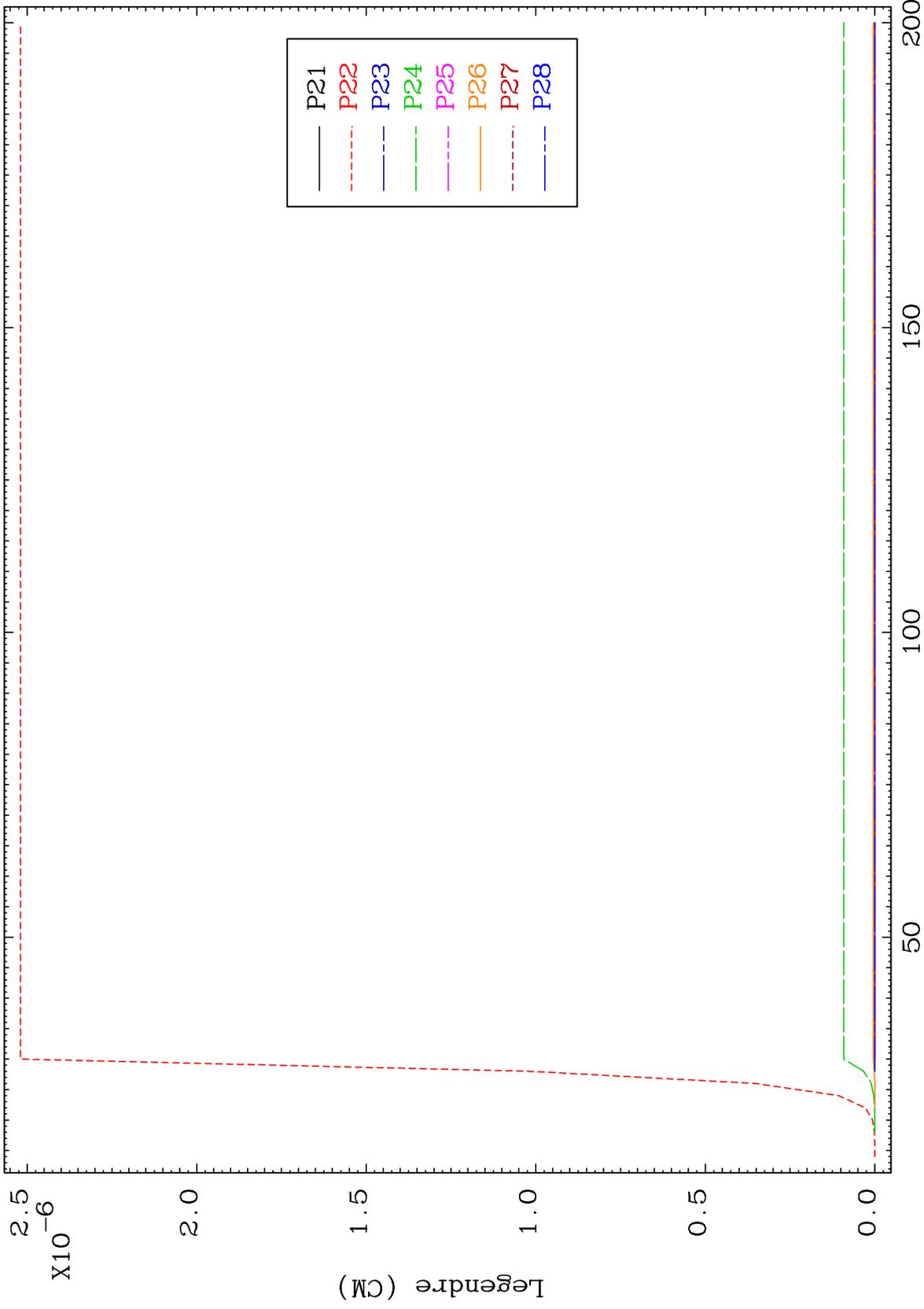
81

83-Bi-196

MAT 8286

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

83-Bi-196



82

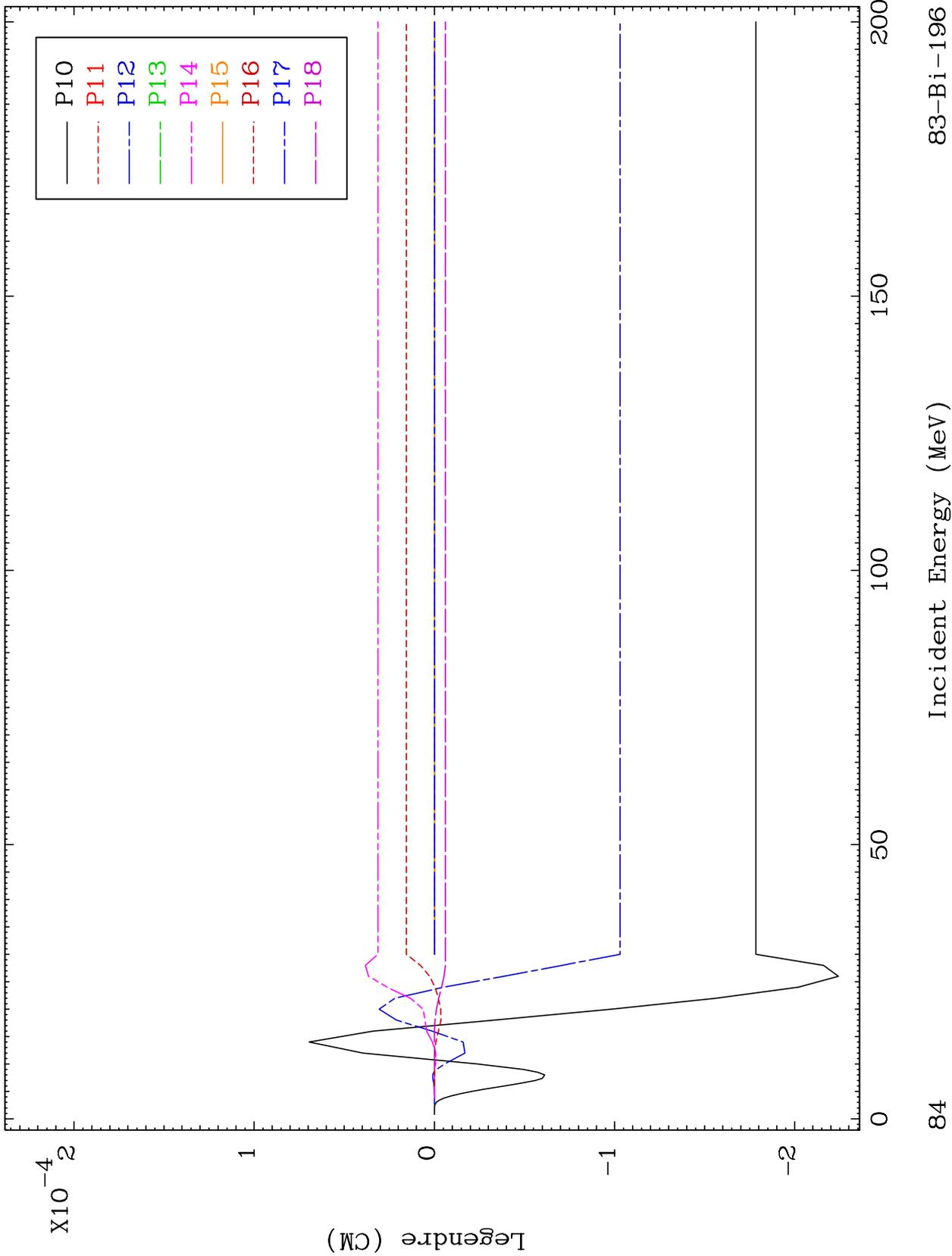
Incident Energy (MeV)

83-Bi-196

MAT 8286

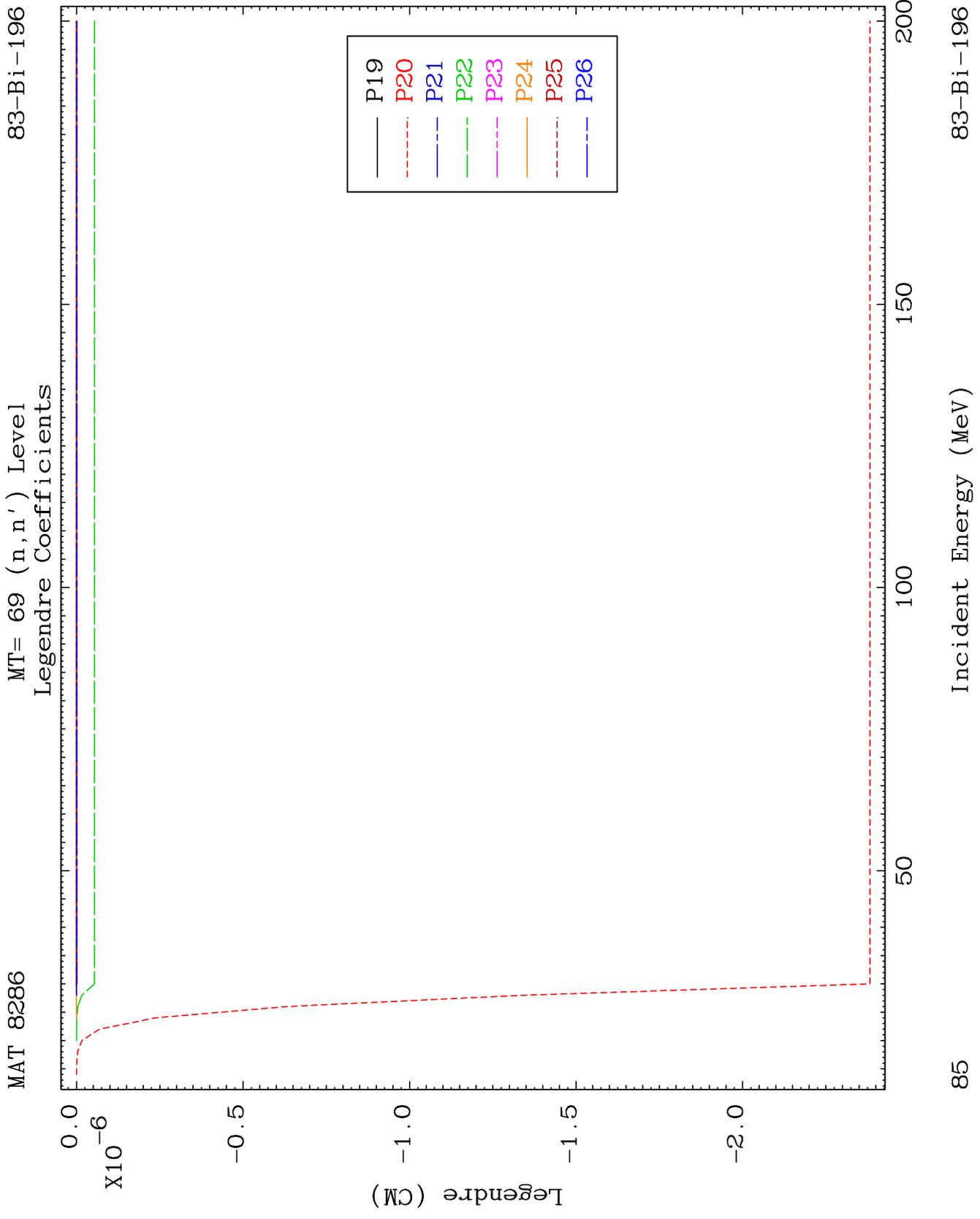
MT= 69 (n,n') Level Legendre Coefficients

83-Bi-196



84

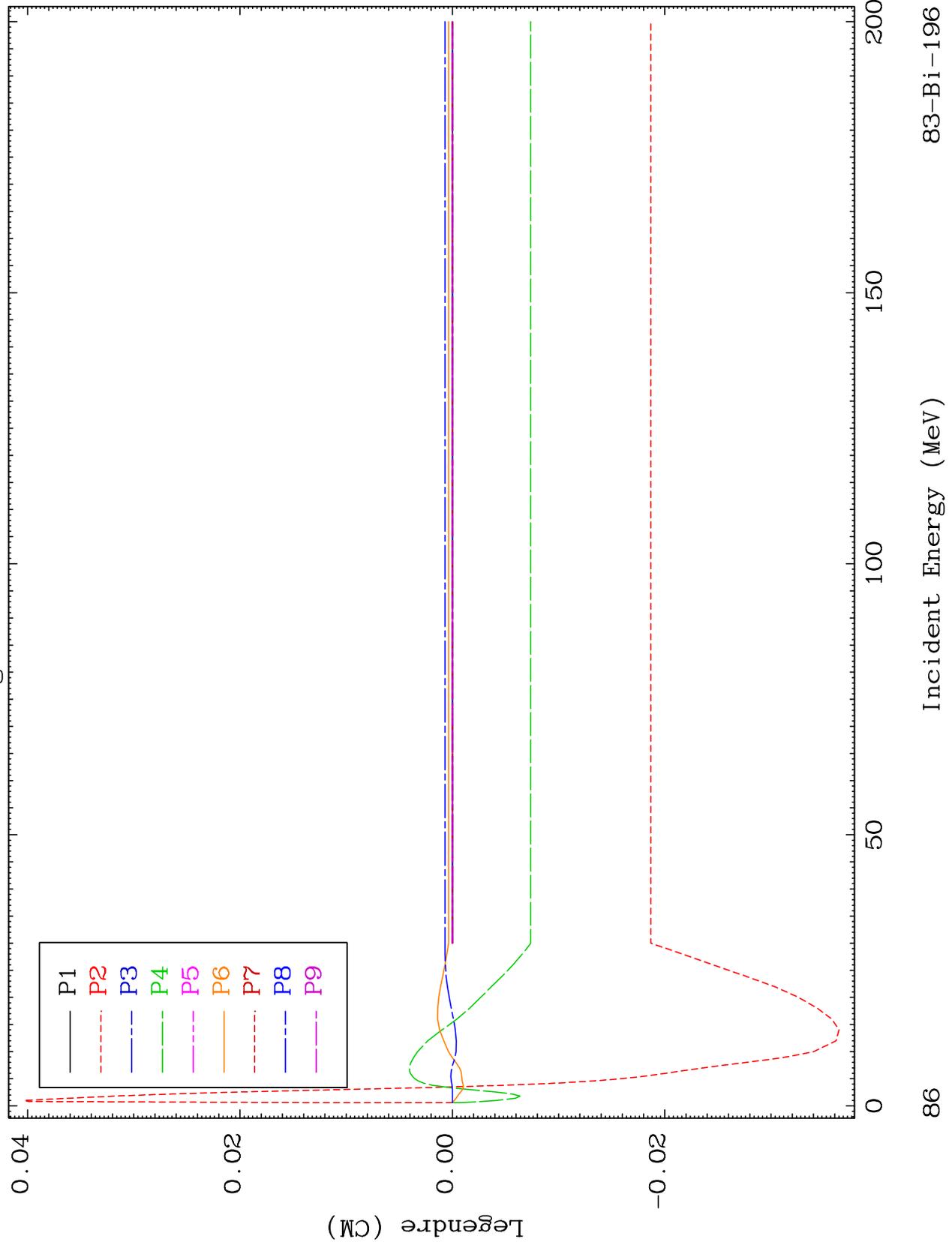
83-Bi-196



MAT 8286

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

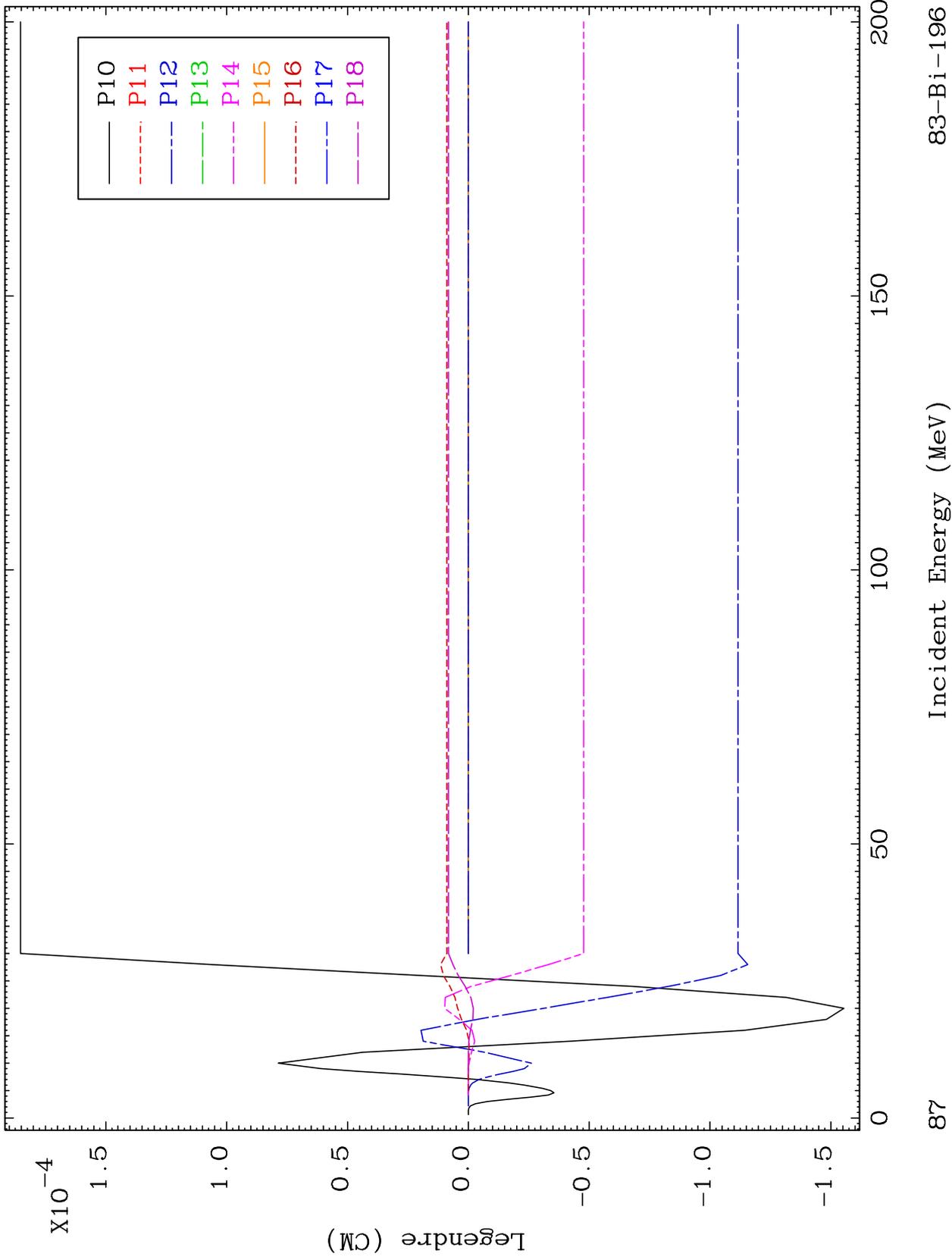
83-Bi-196



MAT 8286

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

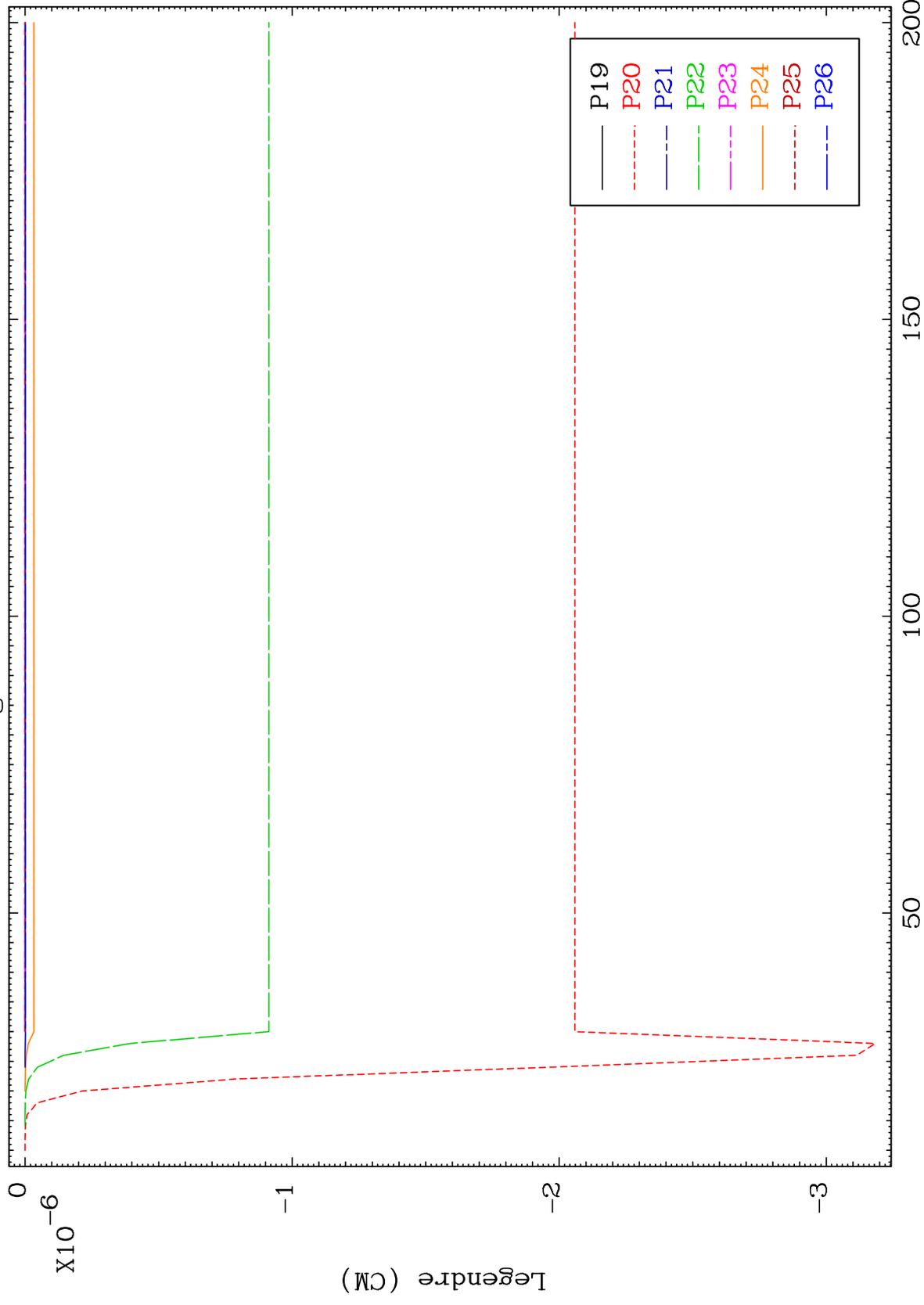
83-Bi-196



MAT 8286

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

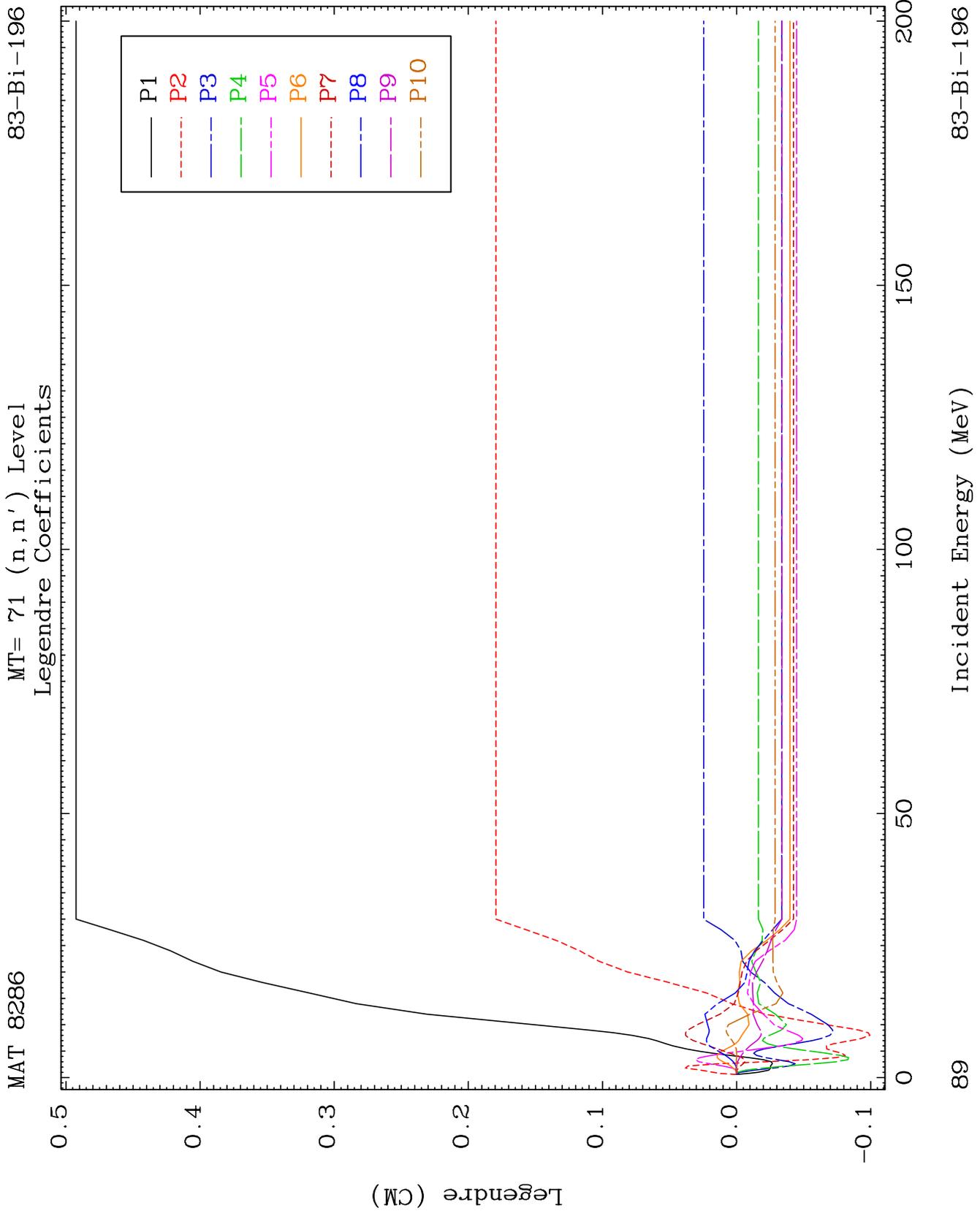
83-Bi-196



88

Incident Energy (MeV)

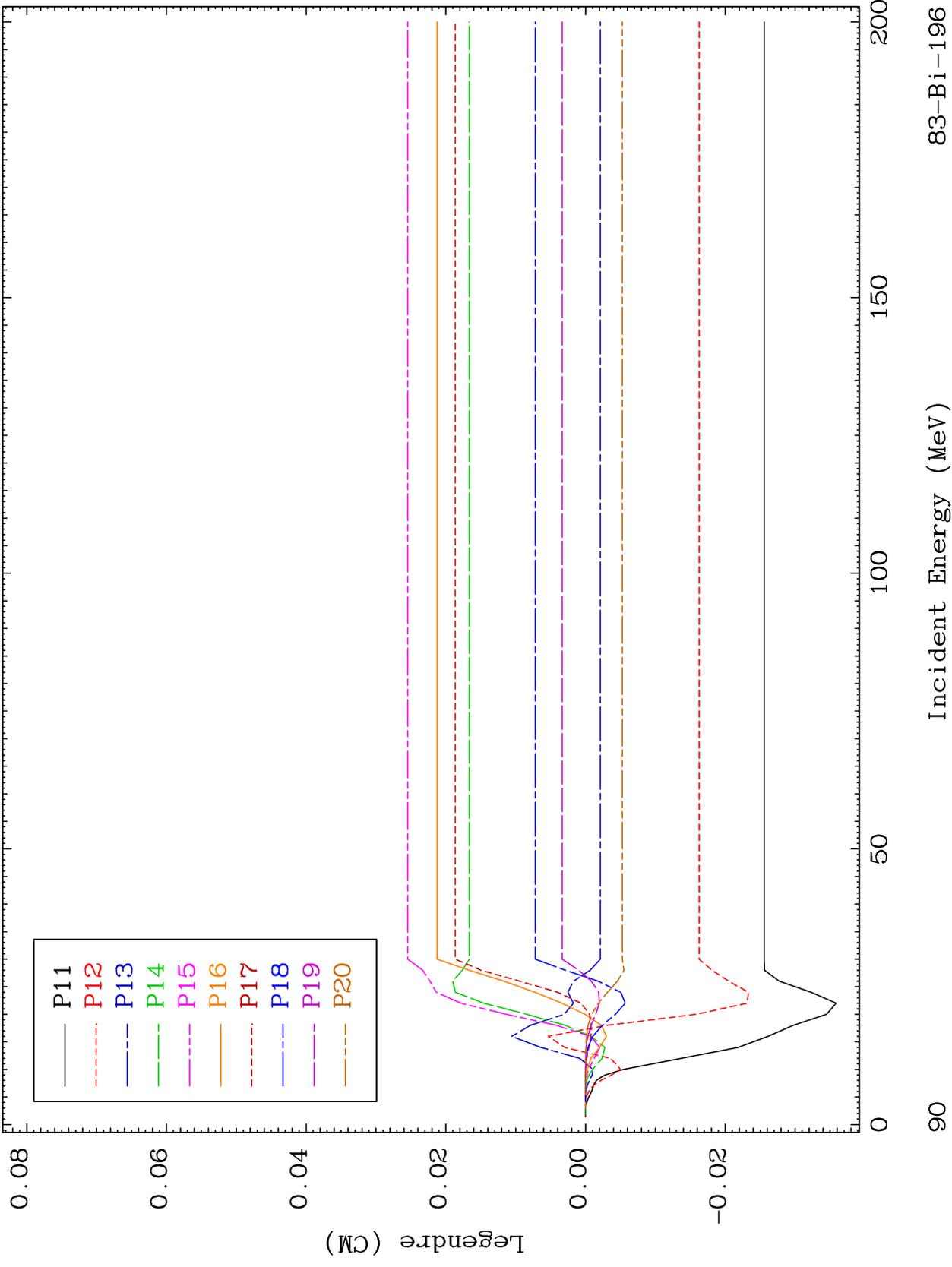
83-Bi-196



MAT 8286

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

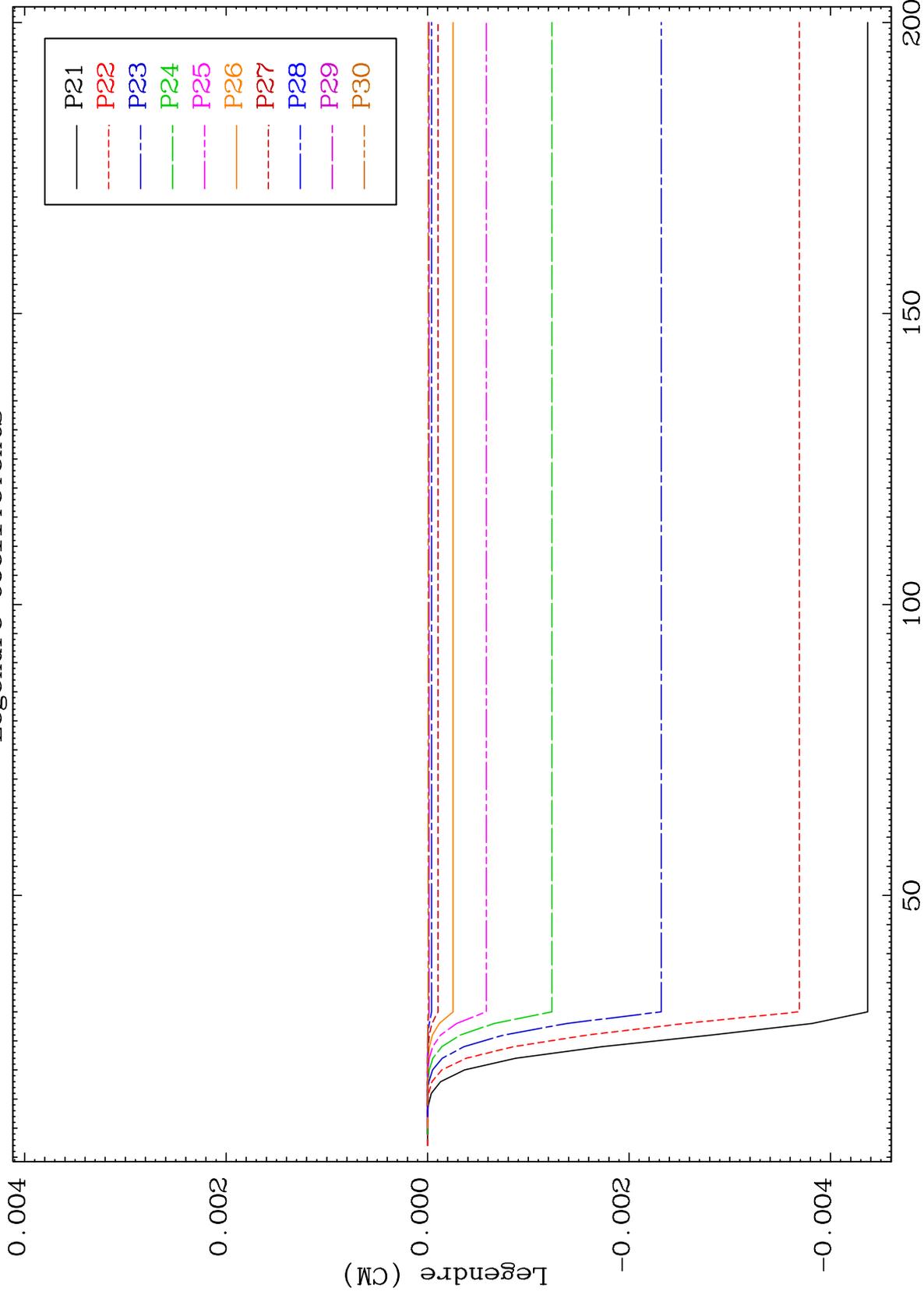
83-Bi-196



MAT 8286

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

83-Bi-196



91

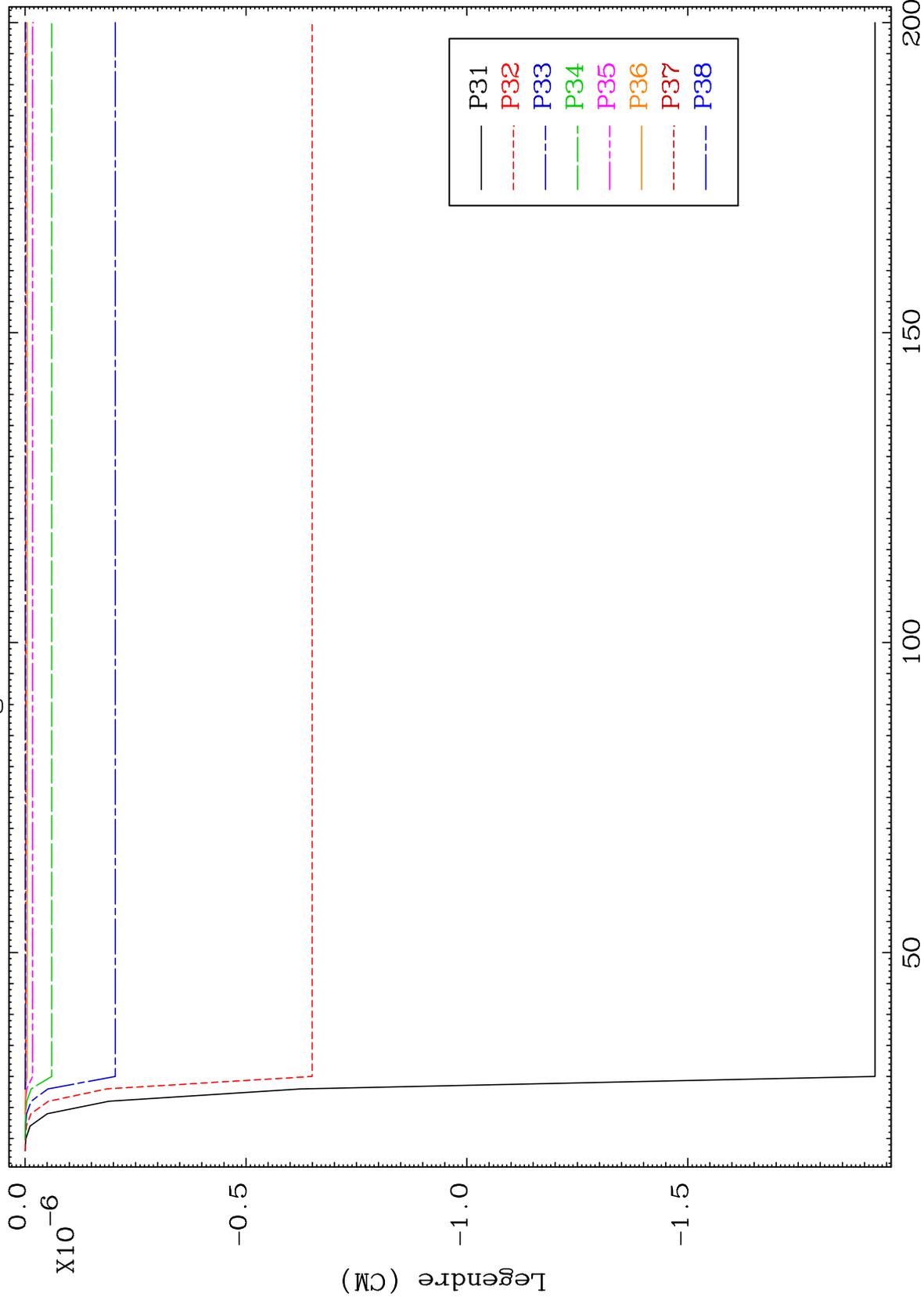
Incident Energy (MeV)

83-Bi-196

MAT 8286

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

83-Bi-196



92

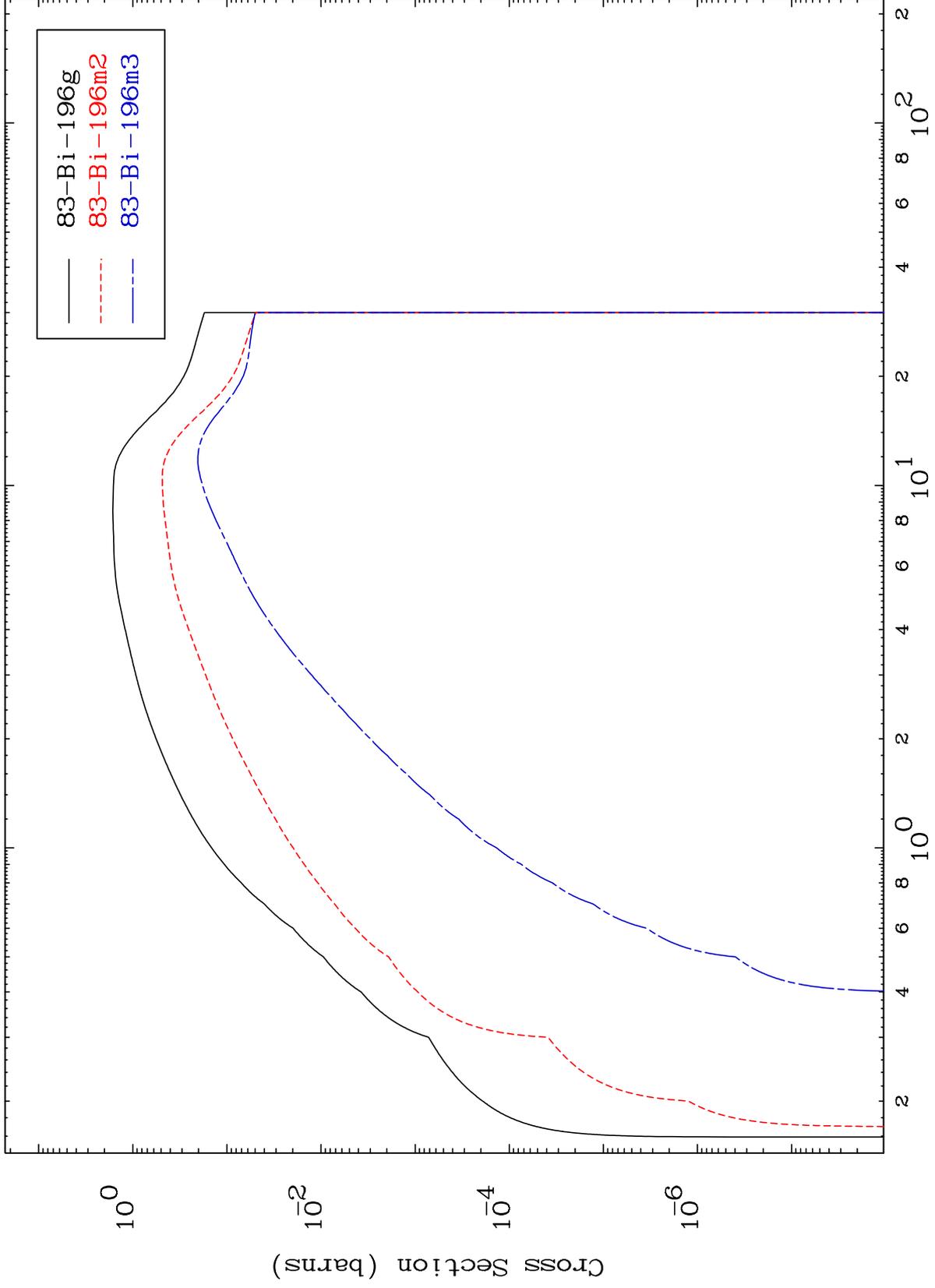
Incident Energy (MeV)

83-Bi-196

MAT 8286

Inelastic
Radionuclide Production Cross Section

83-Bi-196

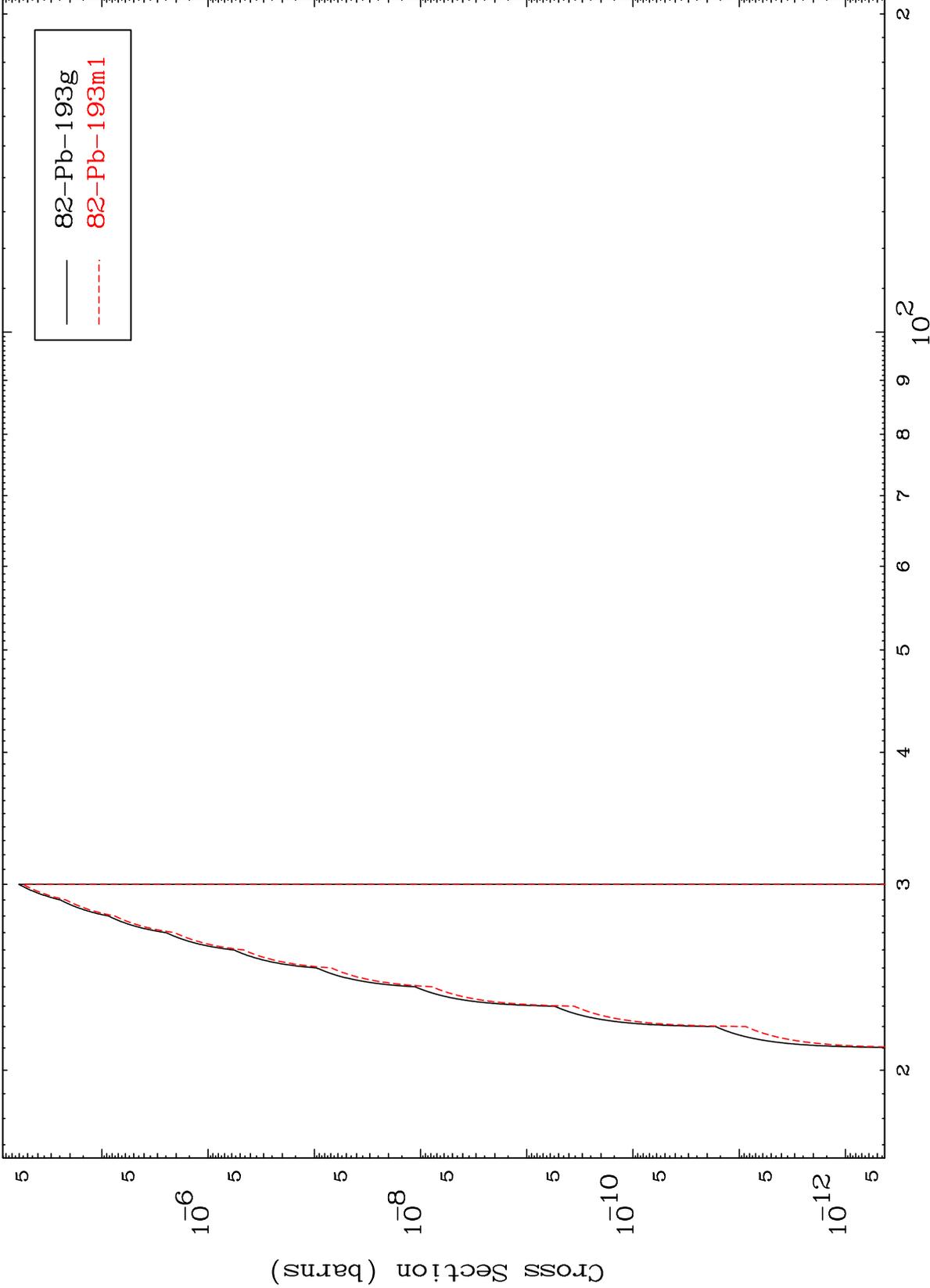


93

Incident Energy (MeV)

83-Bi-196

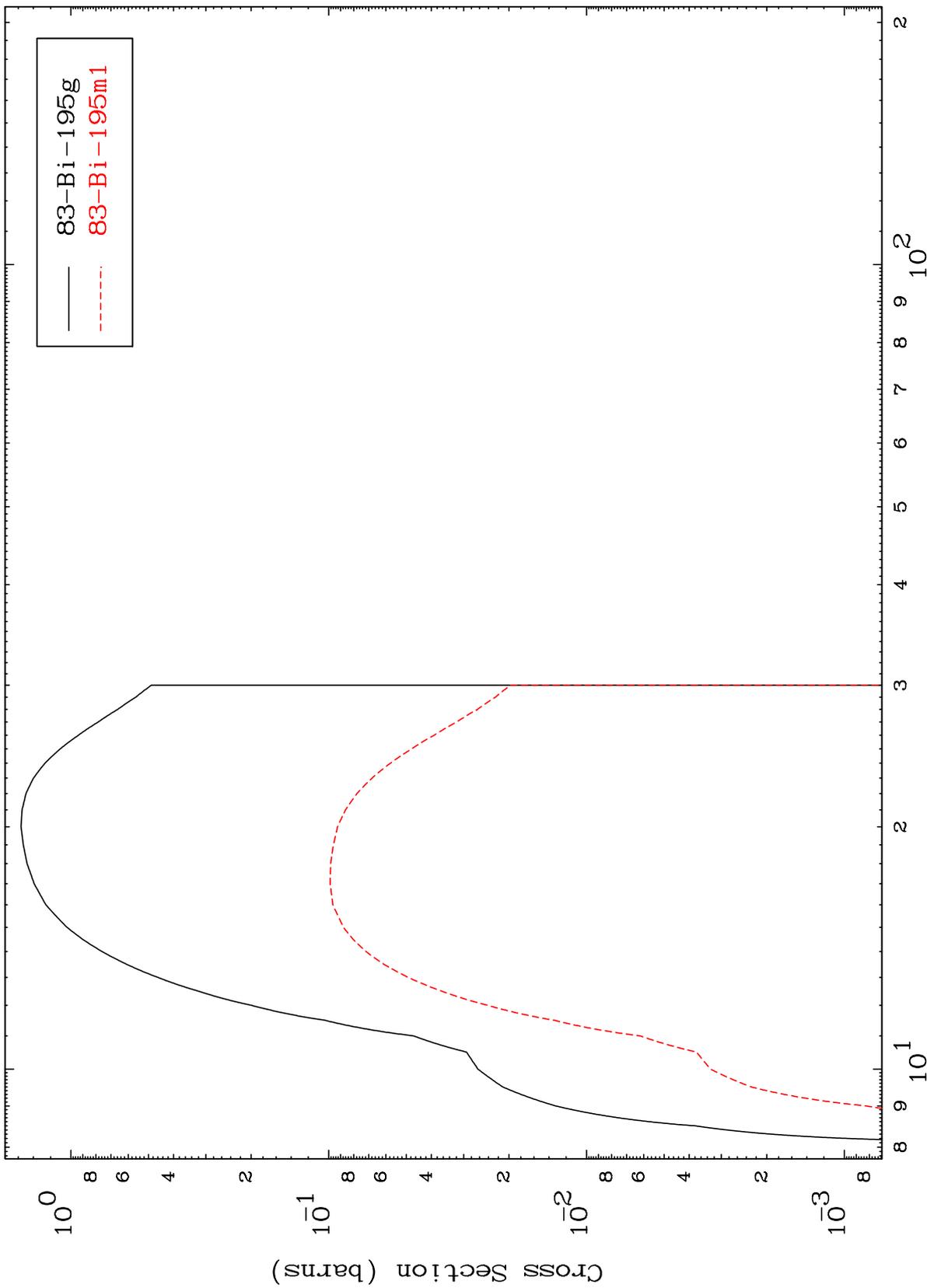
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

(n,2n)
Radionuclide Production Cross Section

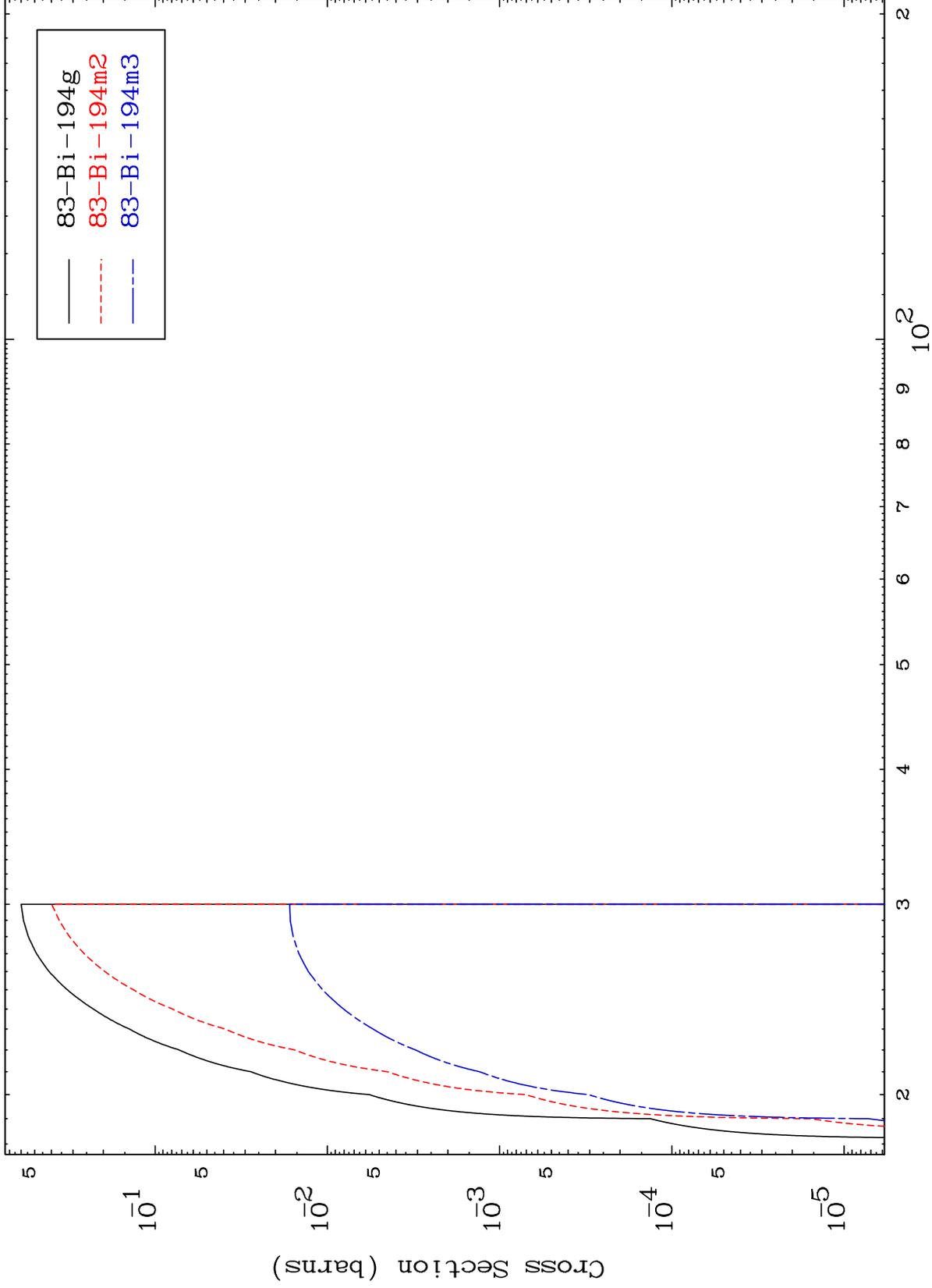


95

Incident Energy (MeV)

83-Bi-196

Radionuclide Production Cross Section

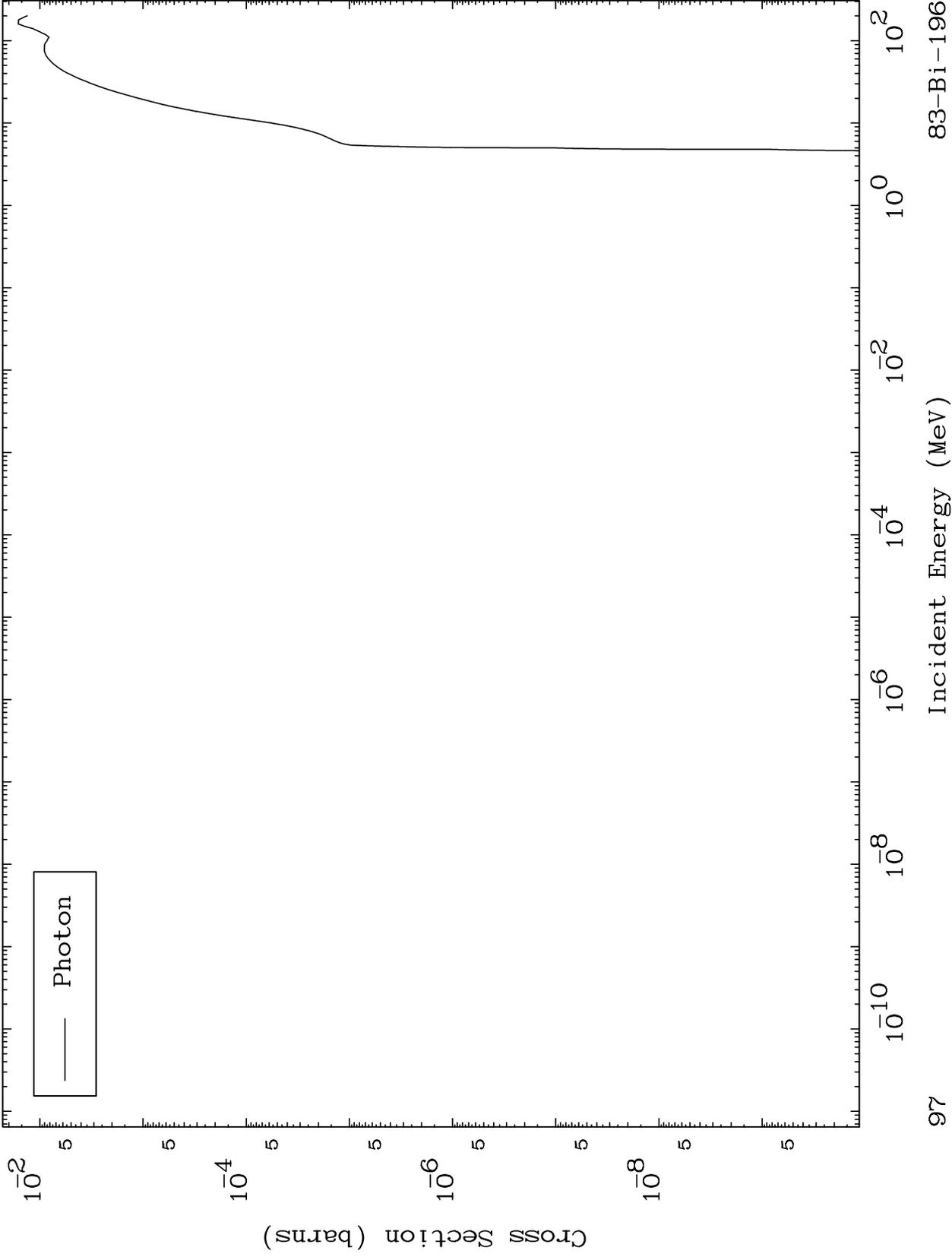


MAT 8286

Fission

83-Bi-196

Radionuclide Production Cross Section

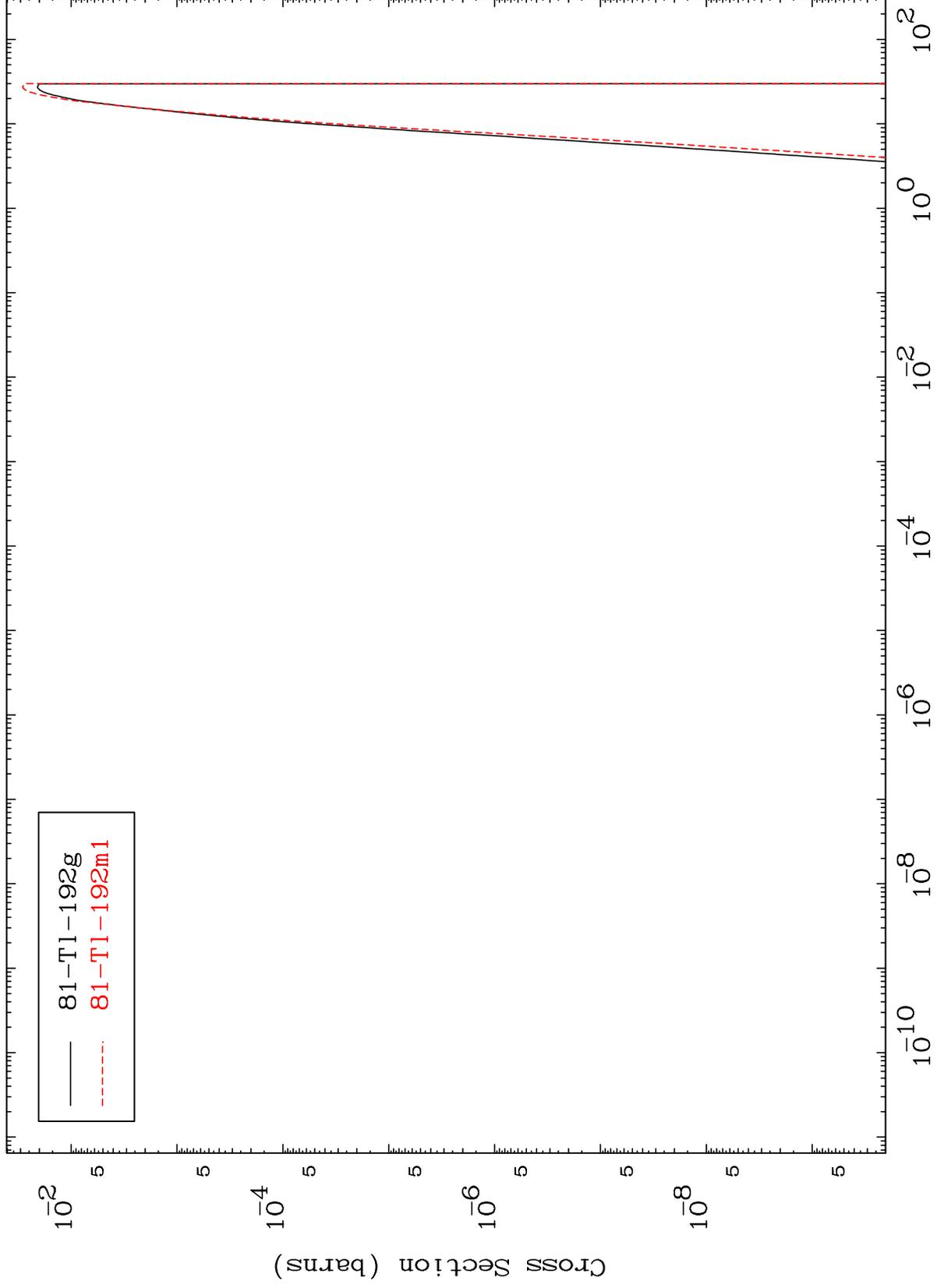


MAT 8286

$(n, n') \alpha$

83-Bi-196

Radionuclide Production Cross Section



98

Incident Energy (MeV)

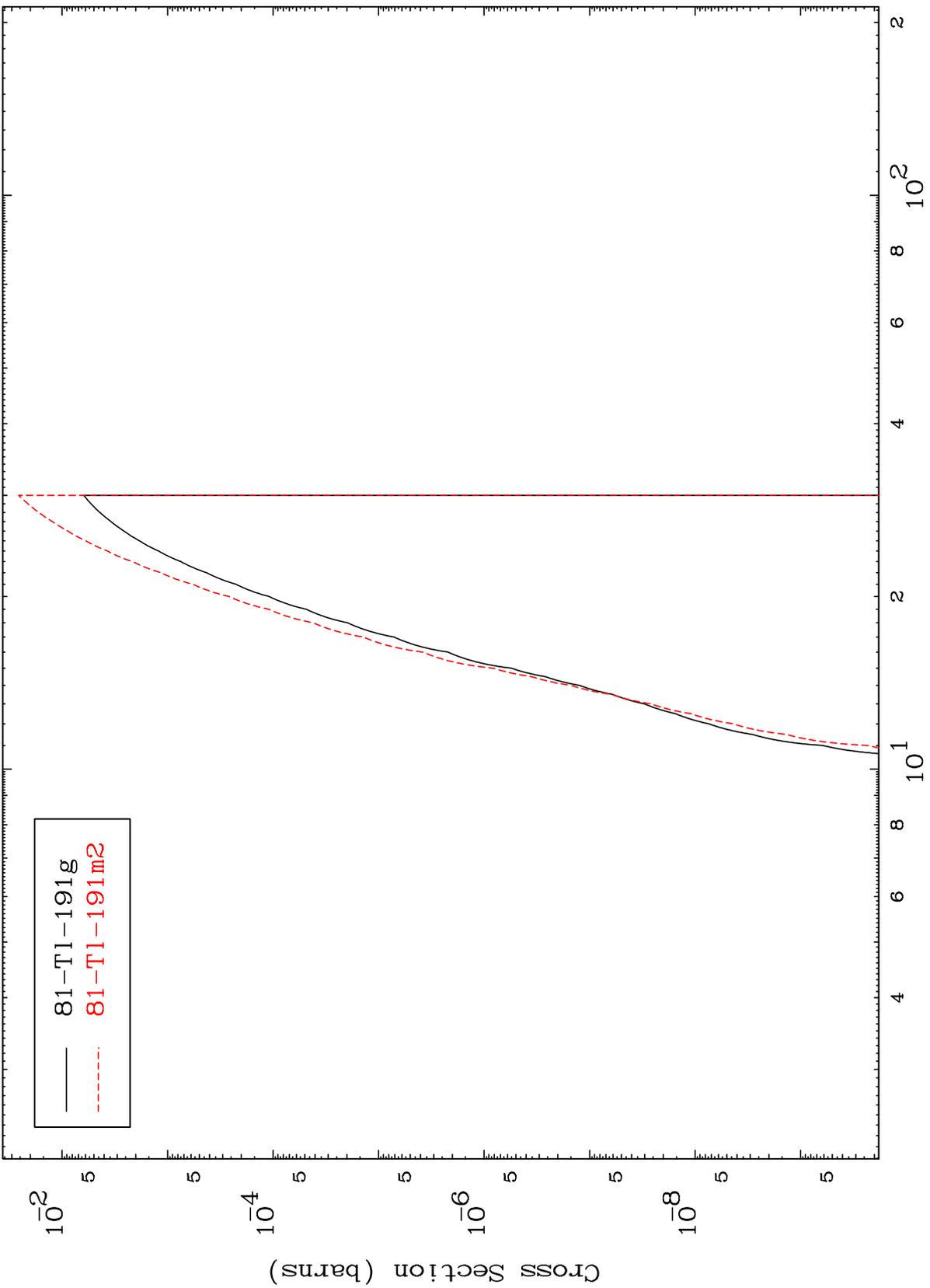
83-Bi-196

MAT 8286

(n,2n) α

83-Bi-196

Radionuclide Production Cross Section



99

Incident Energy (MeV)

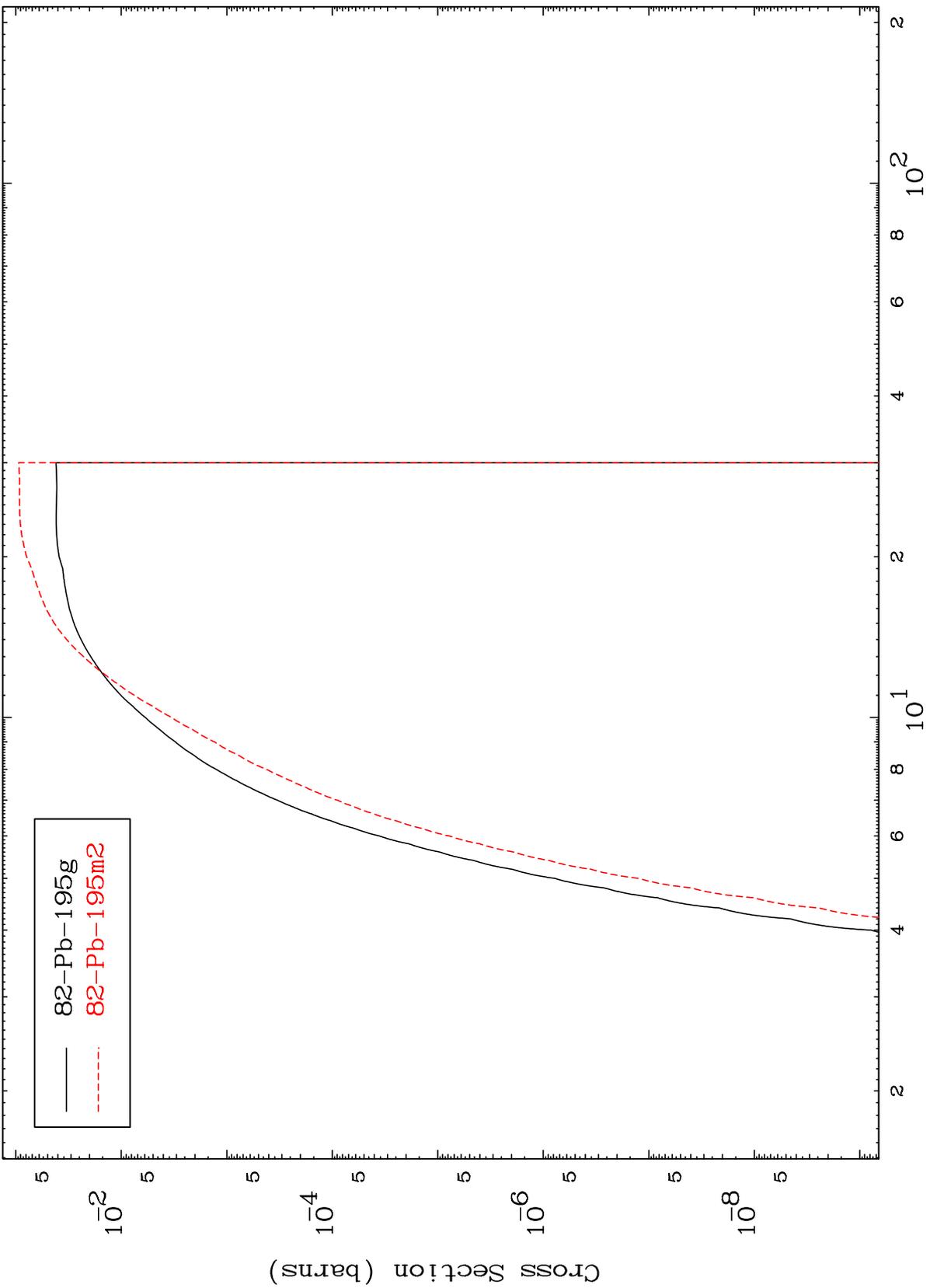
83-Bi-196

MAT 8286

(n,n') p

83-Bi-196

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

100

Incident Energy (MeV)

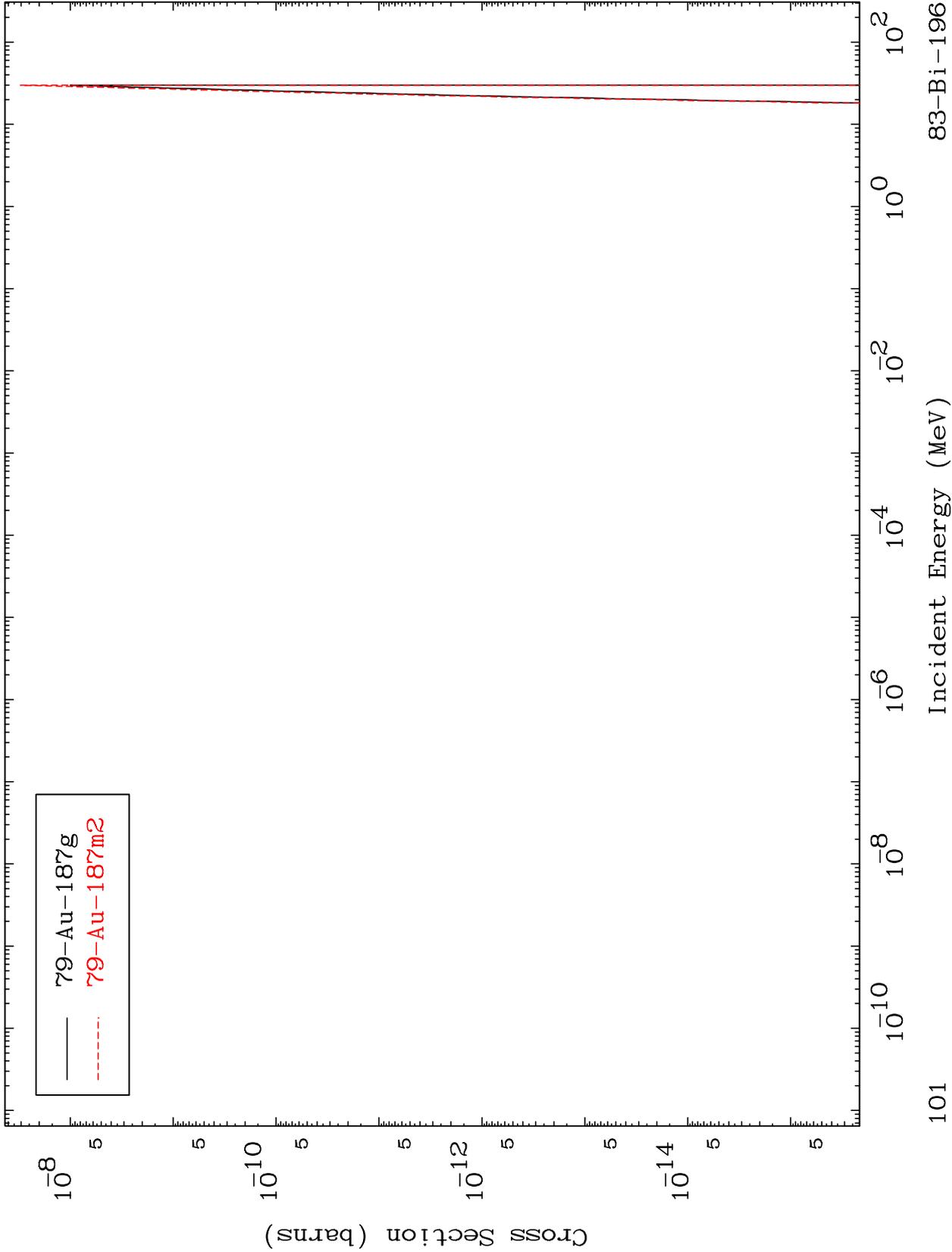
83-Bi-196

MAT 8286

(n,2n) 2 α

83-Bi-196

Radionuclide Production Cross Section

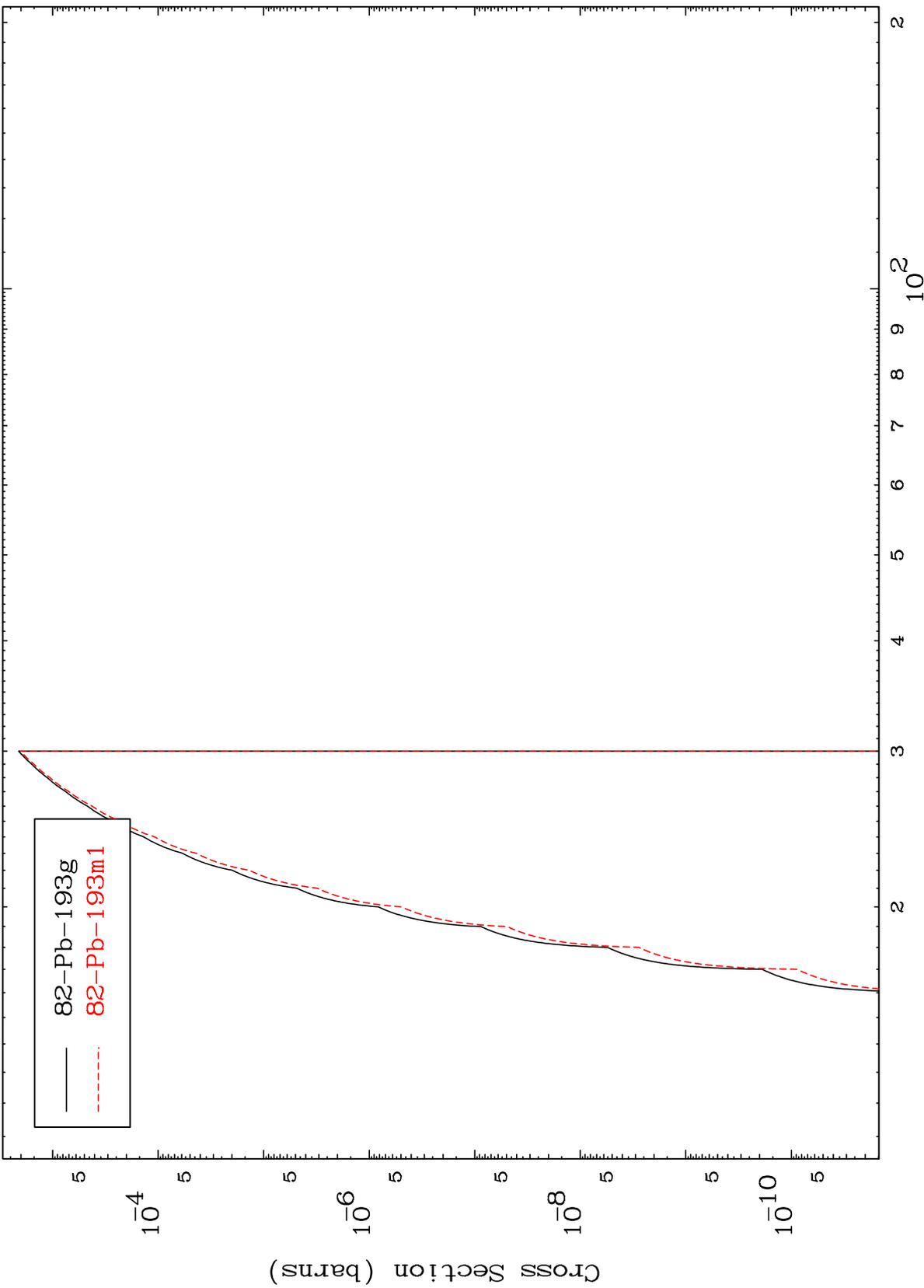


101

Incident Energy (MeV)

83-Bi-196

Radionuclide Production Cross Section

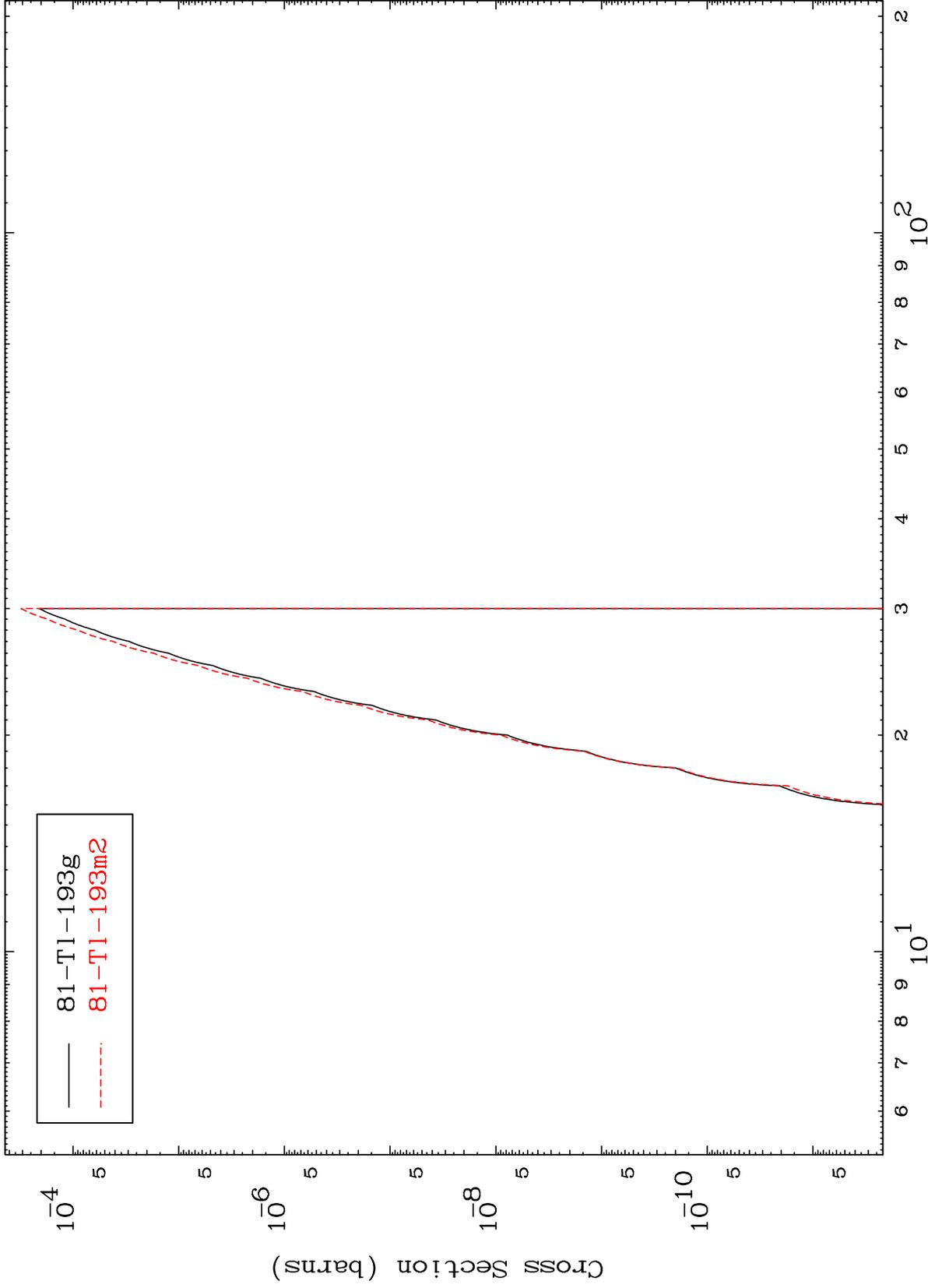


MAT 8286

(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



103

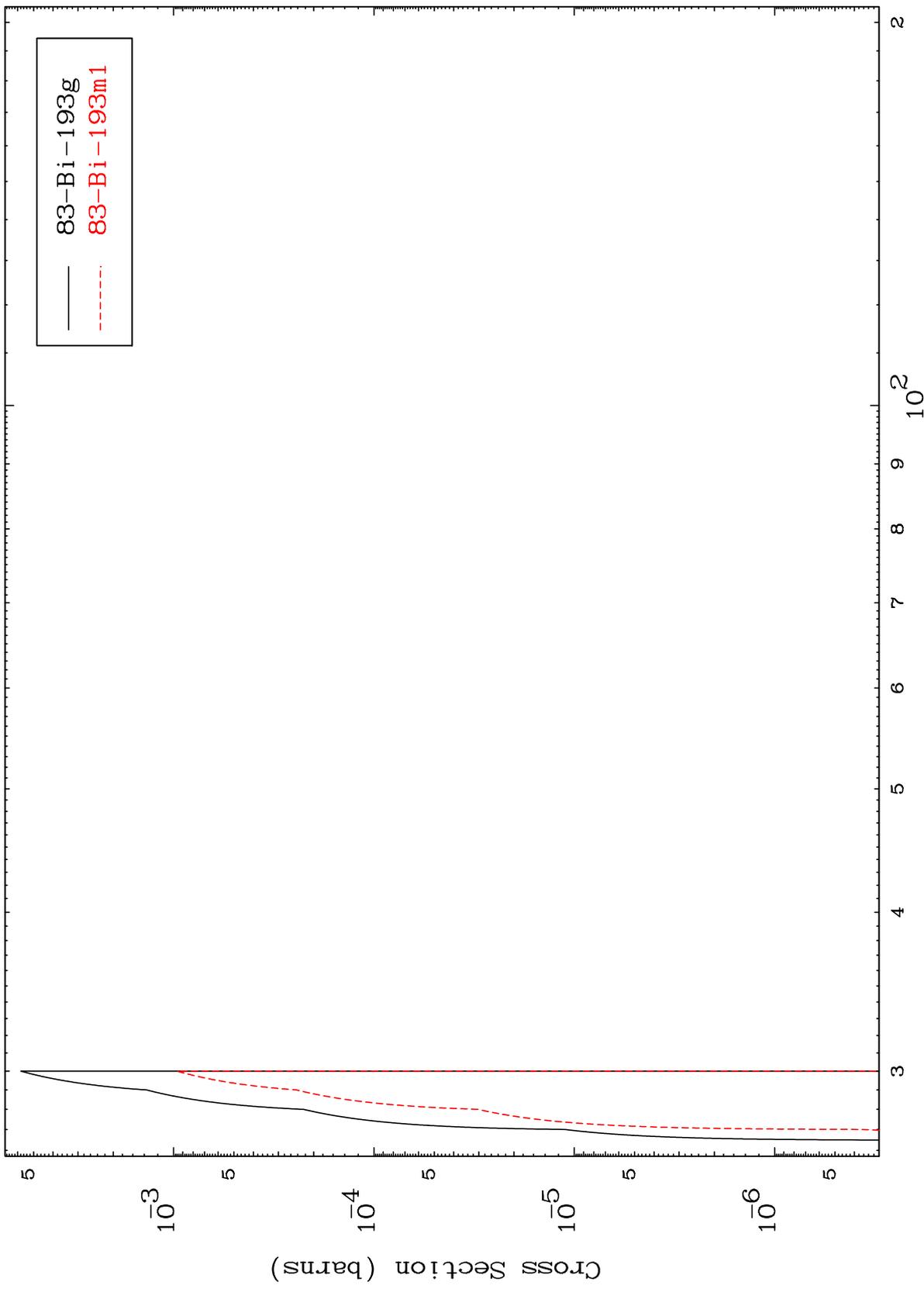
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(n,4n)
Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

83-Bi-196

Incident Energy (MeV)

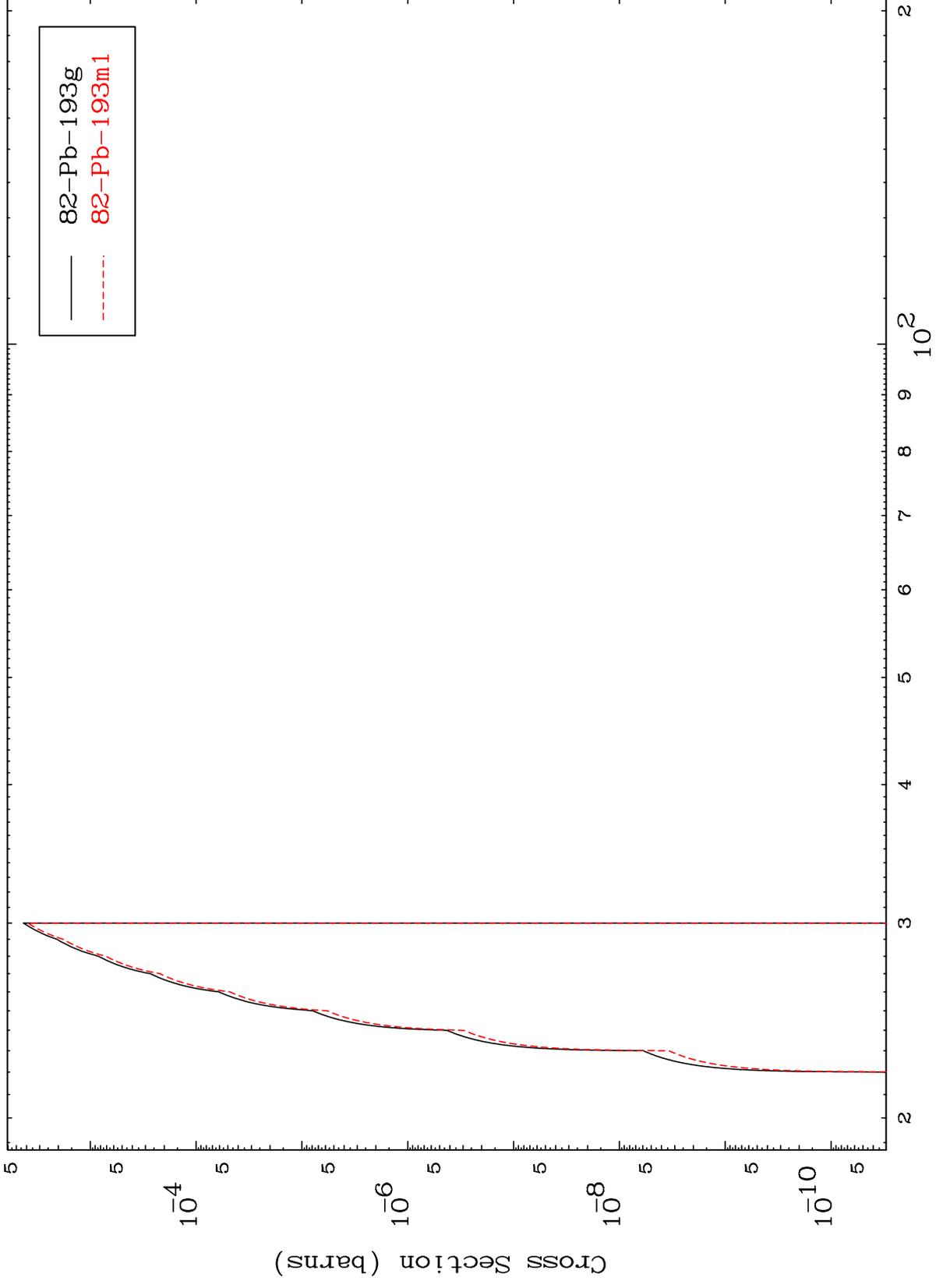
104

MAT 8286

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



105

Incident Energy (MeV)

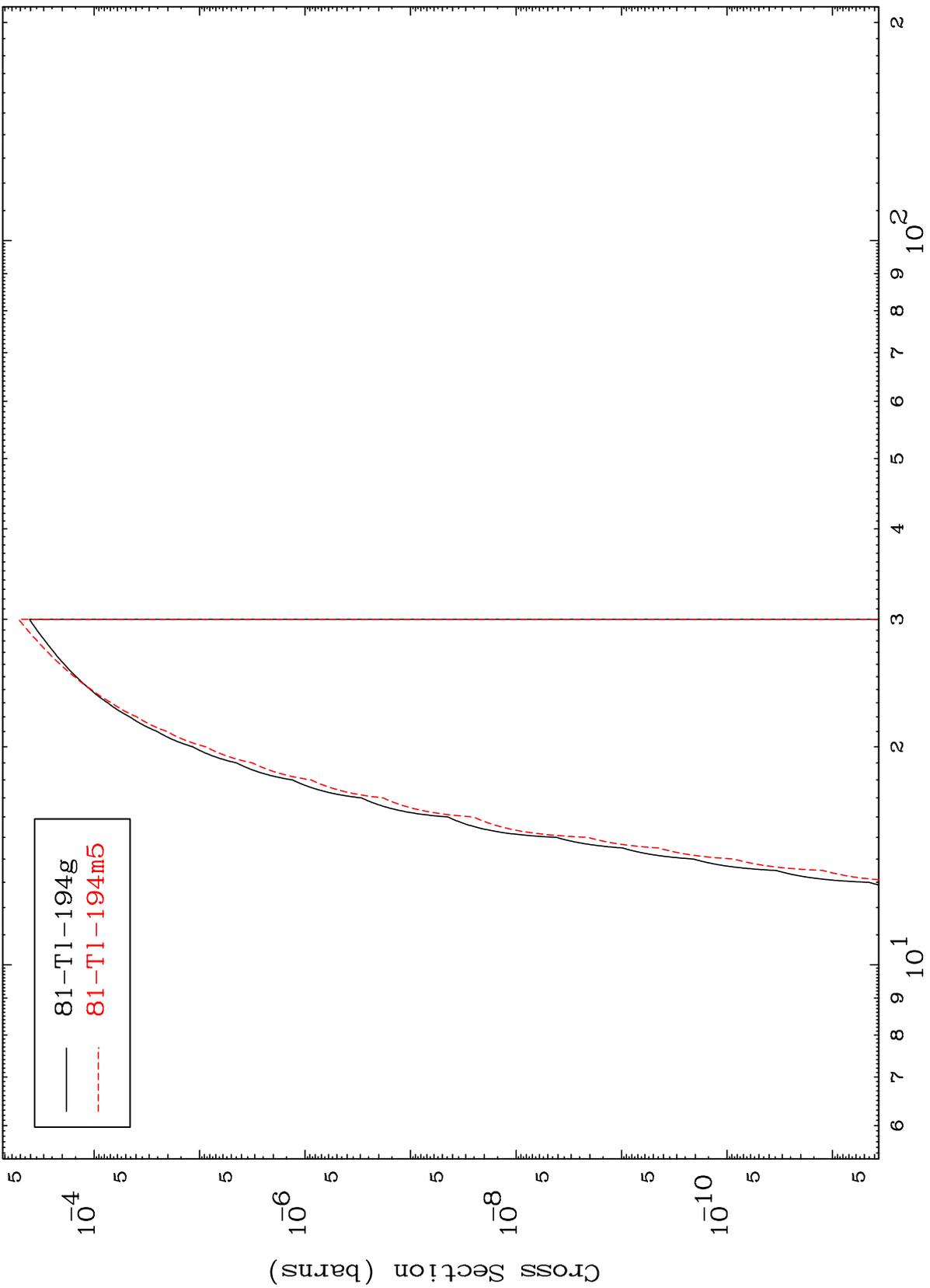
83-Bi-196

MAT 8286

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



106

Incident Energy (MeV)

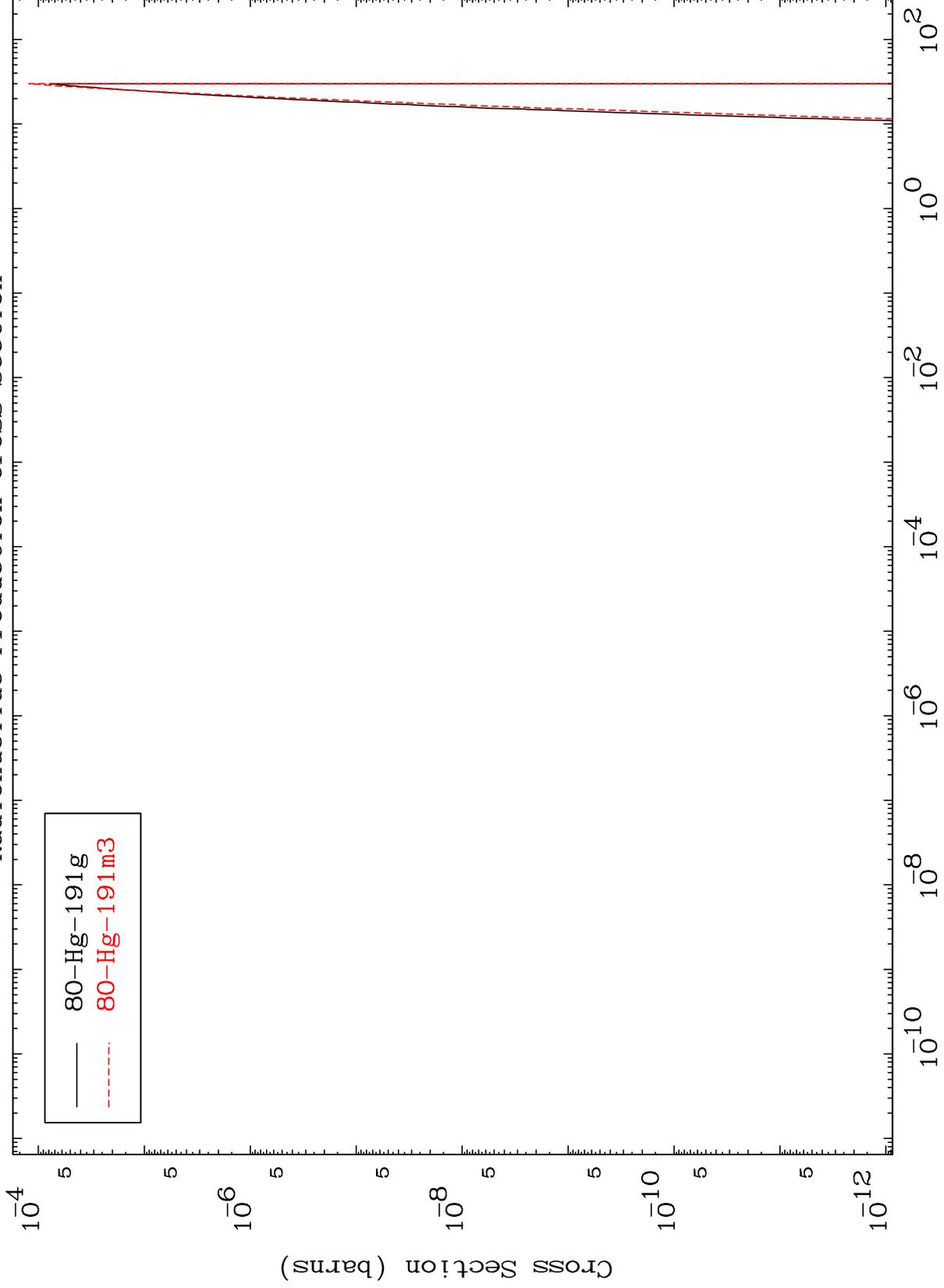
83-Bi-196

MAT 8286

(n,n') p α

83-Bi-196

Radionuclide Production Cross Section



107

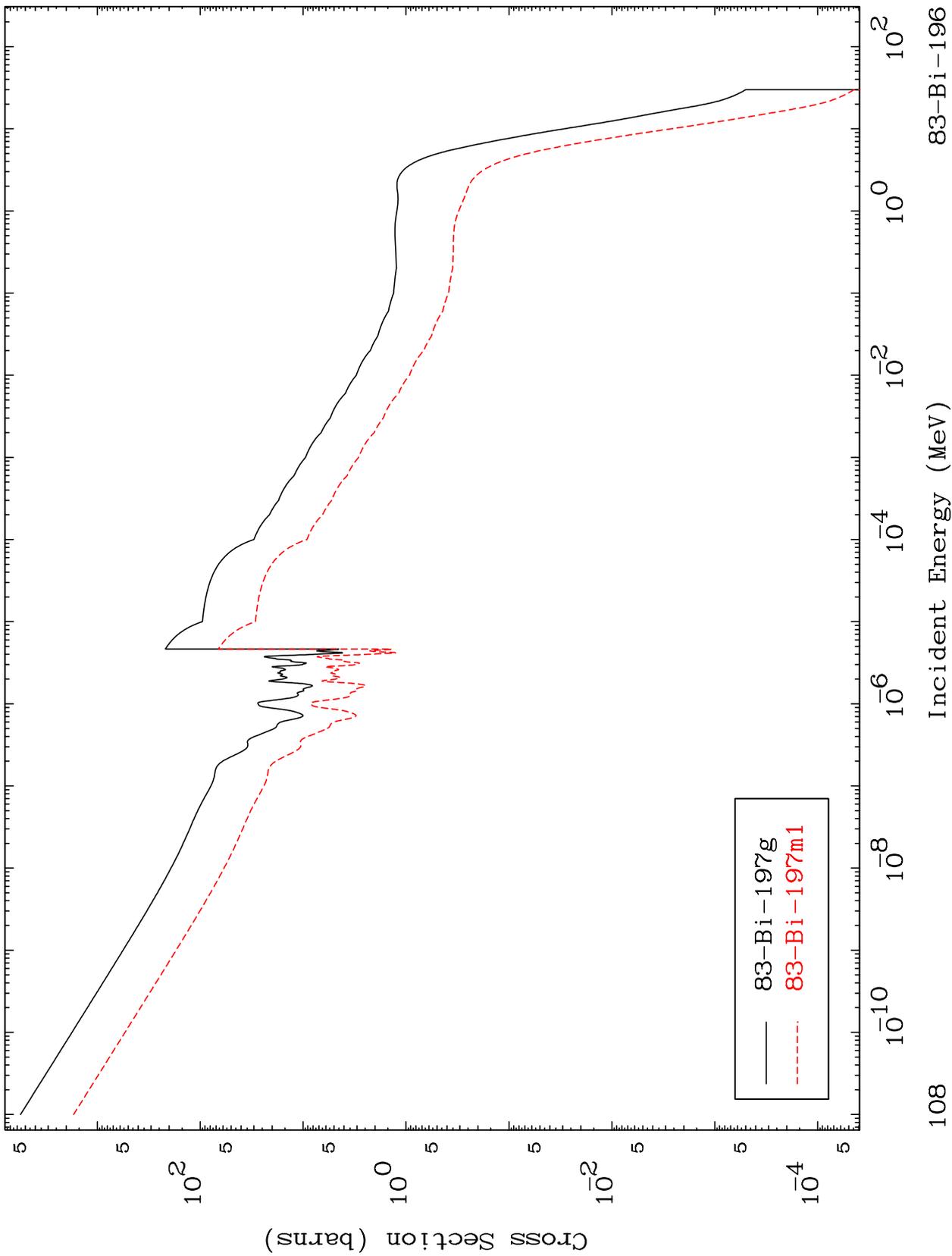
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

Radionuclide Production Cross Section
(n, γ)



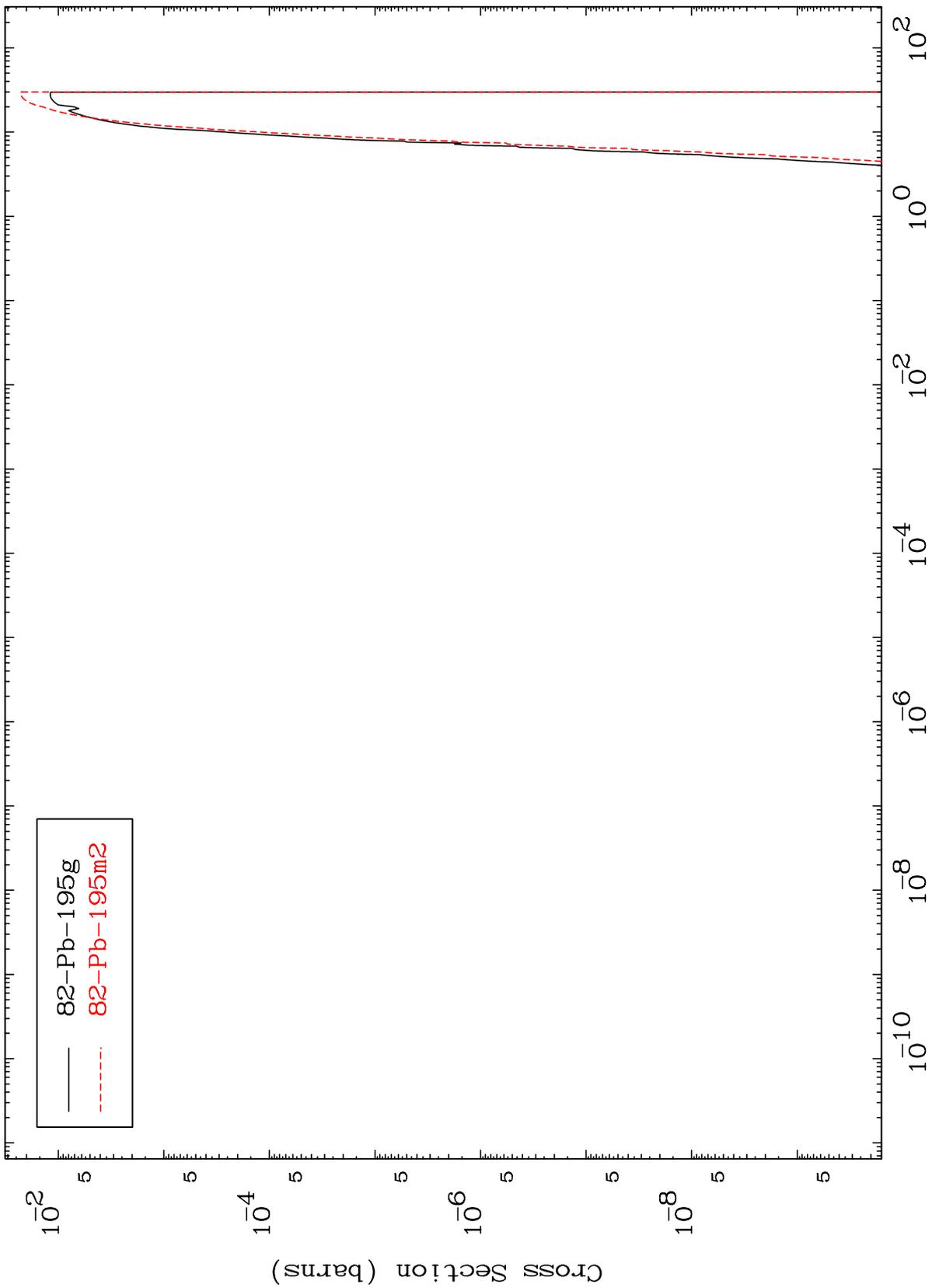
108

MAT 8286

(n,d)

83-Bi-196

Radionuclide Production Cross Section

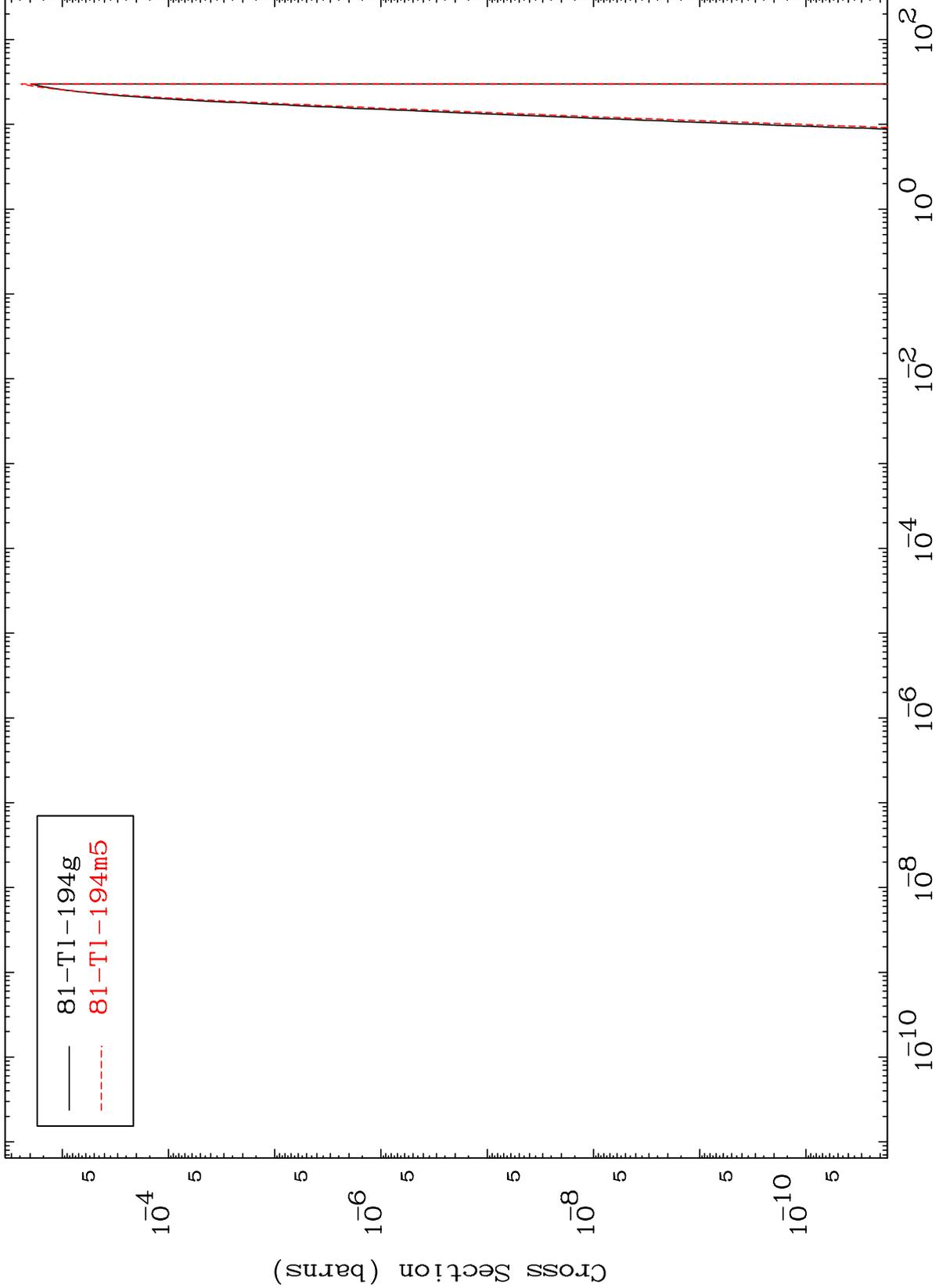


MAT 8286

(n,He-3)

83-Bi-196

Radionuclide Production Cross Section

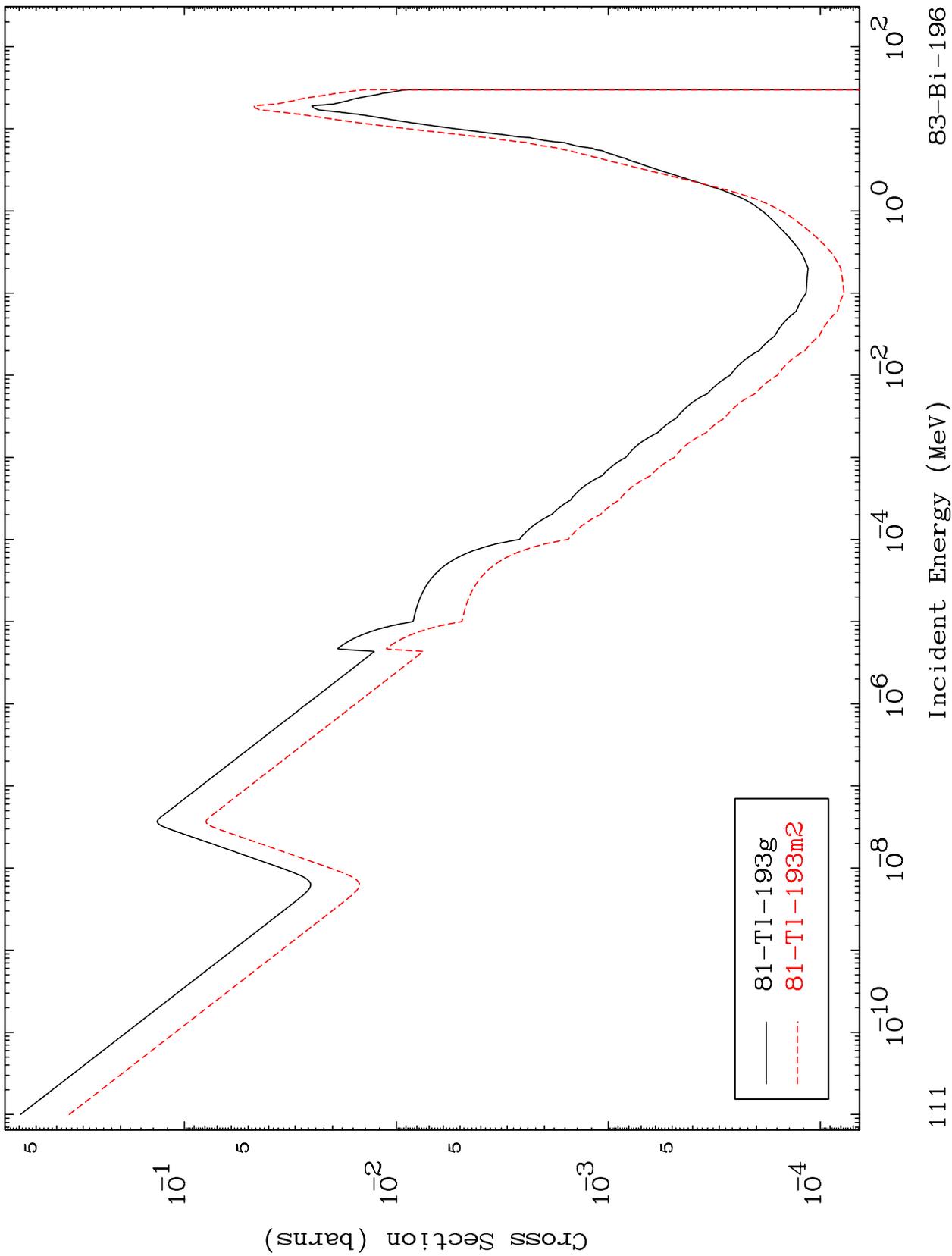


81-Tl-194g
81-Tl-194m5

MAT 8286

83-Bi-196

Radionuclide Production Cross Section
(n, α)

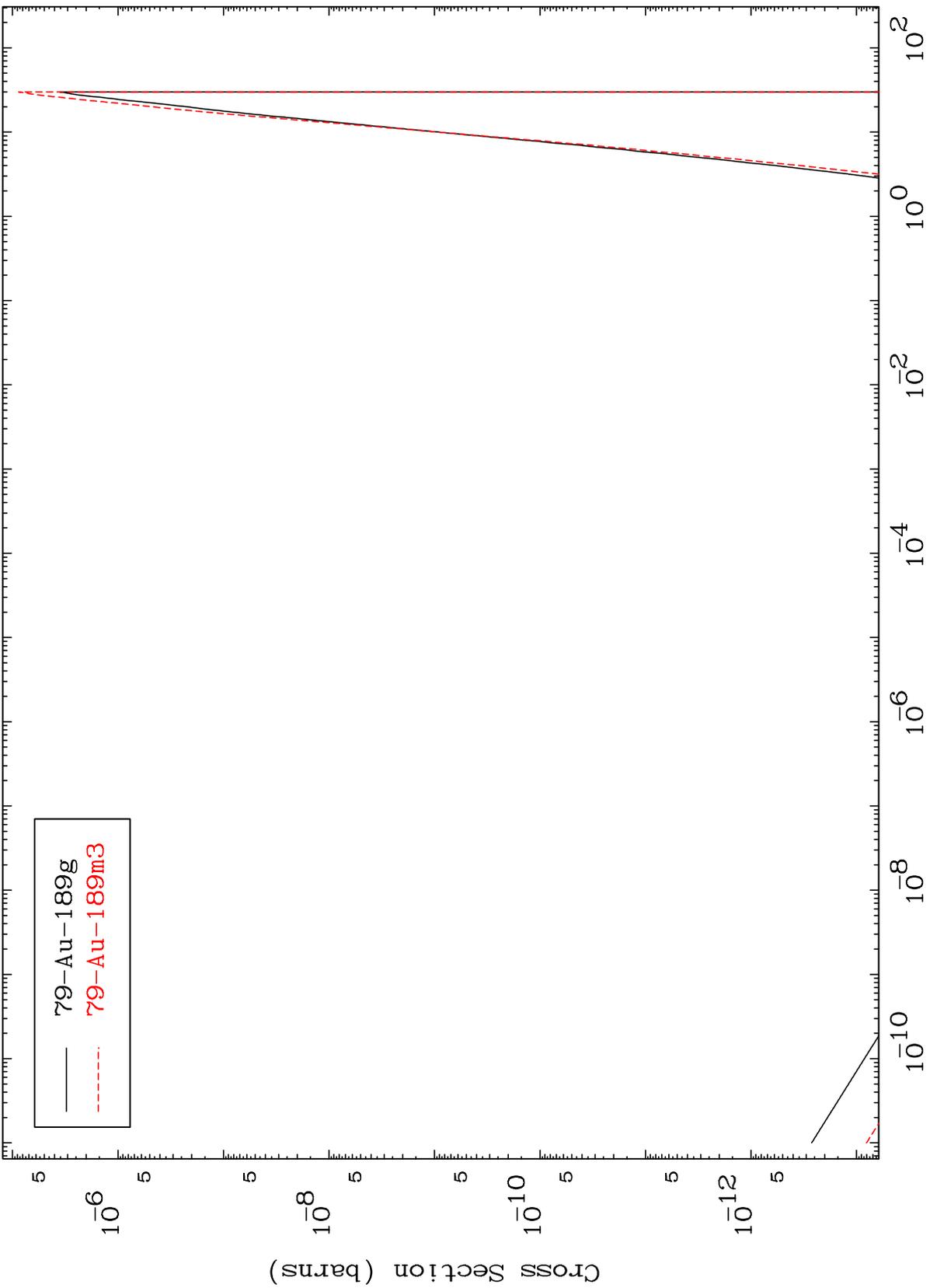


MAT 8286

(n,2α)

83-Bi-196

Radionuclide Production Cross Section

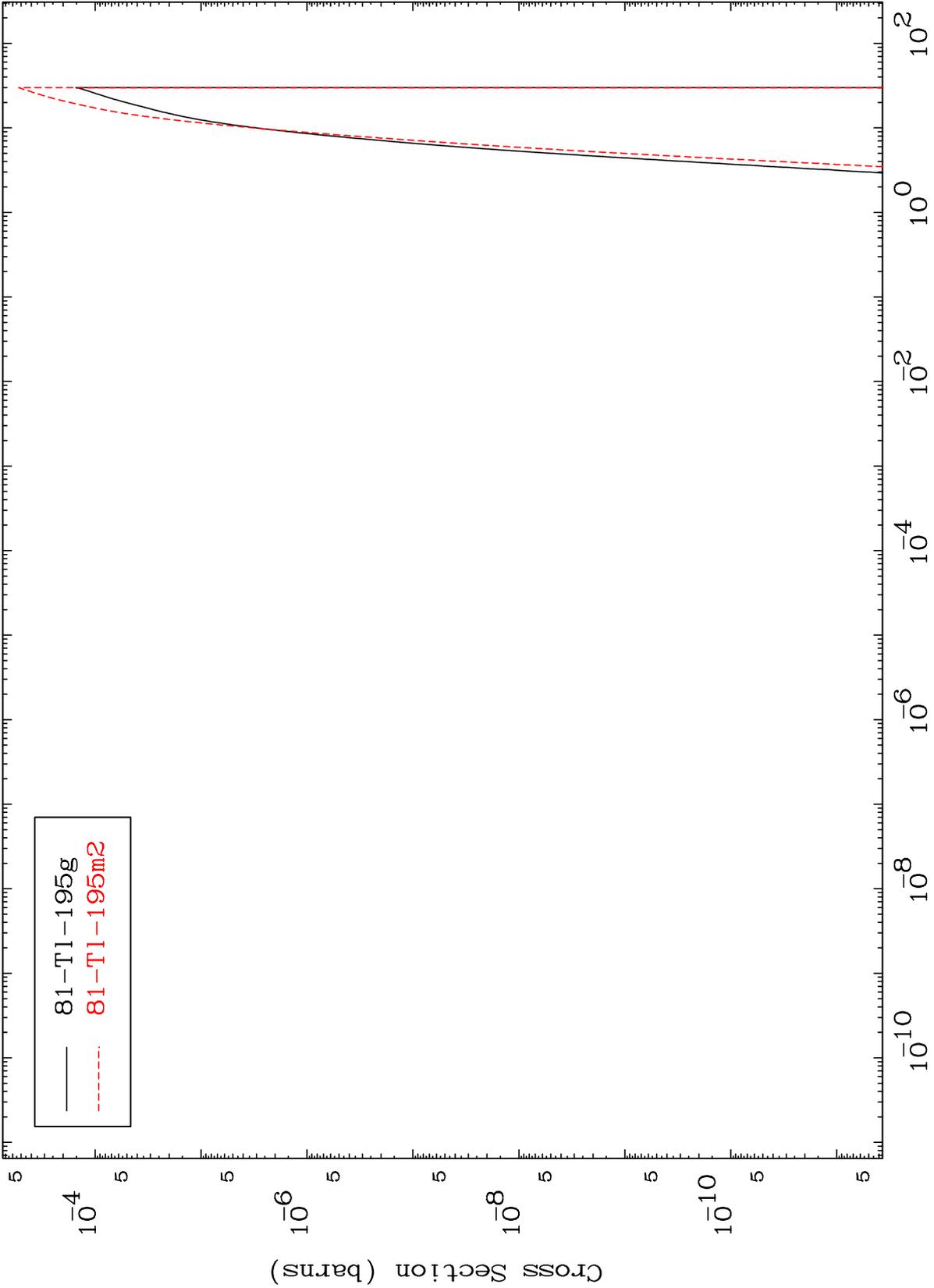


MAT 8286

(n,2p)

83-Bi-196

Radionuclide Production Cross Section

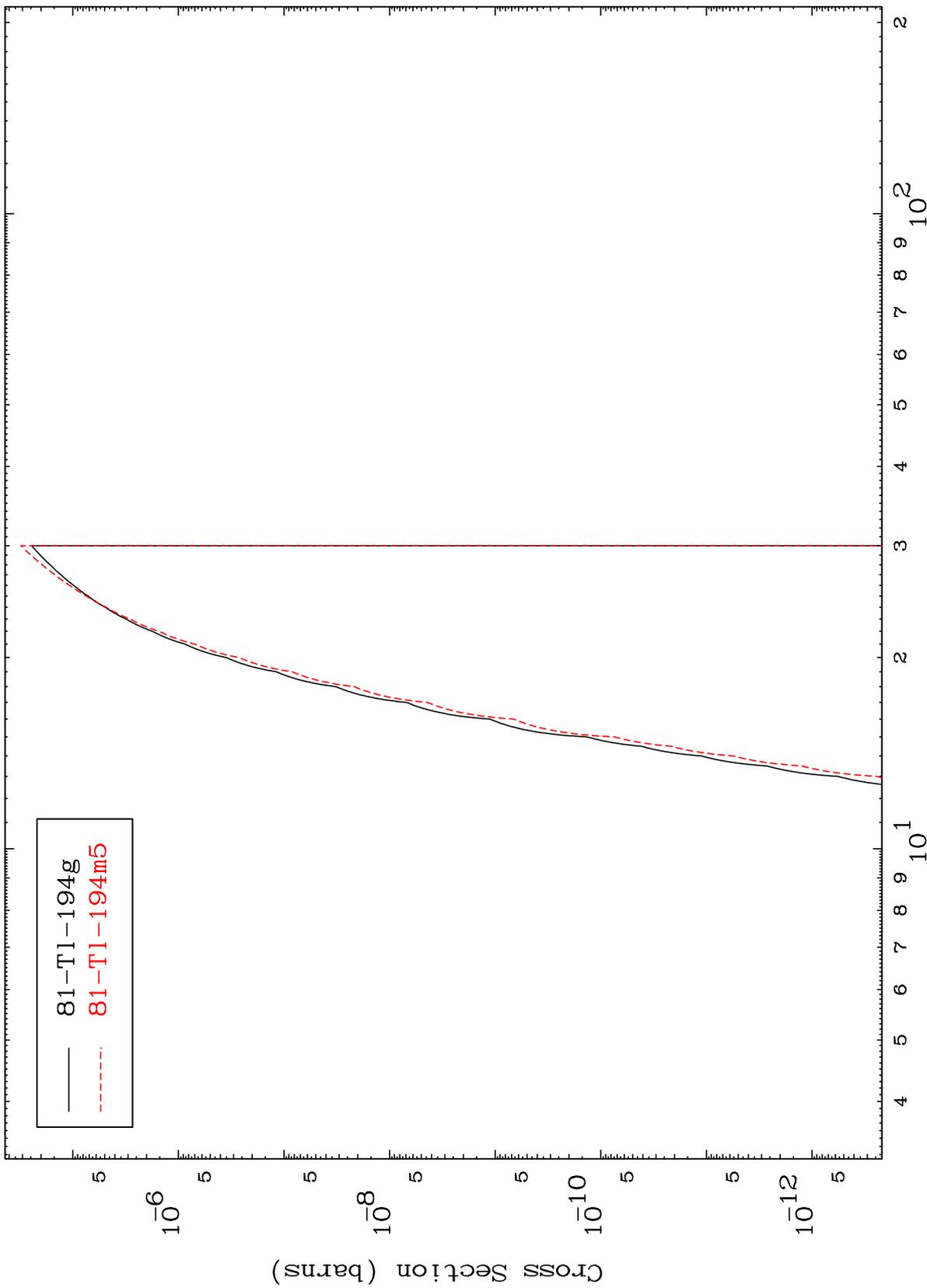


MAT 8286

(n,p) d

83-Bi-196

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

114

Incident Energy (MeV)

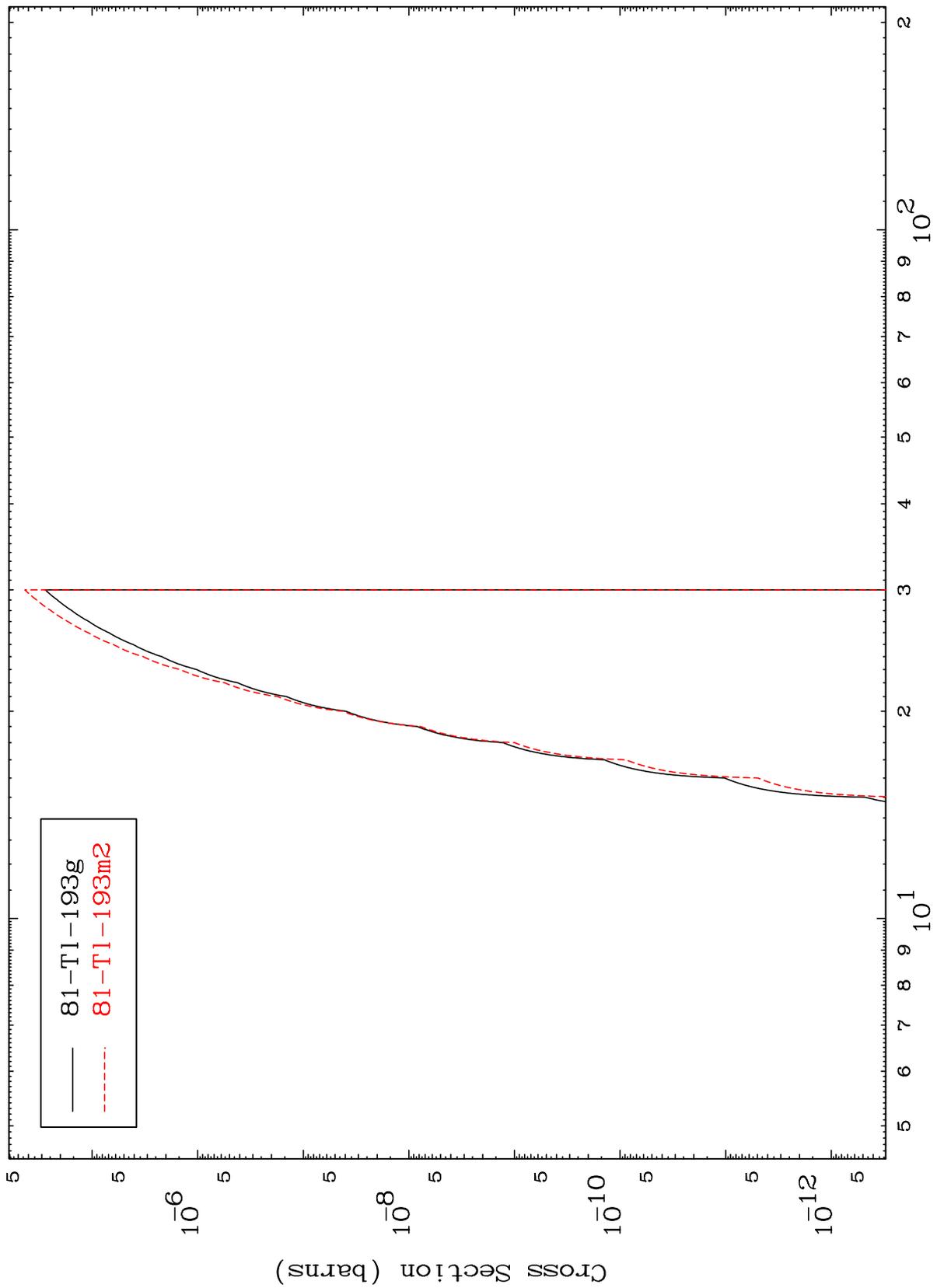
83-Bi-196

MAT 8286

(n,p) t

83-Bi-196

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

115

Incident Energy (MeV)

83-Bi-196

MAT 8286

(n,d) α

83-Bi-196

