

Program EVALPLOT
(Version 2018-1)

by

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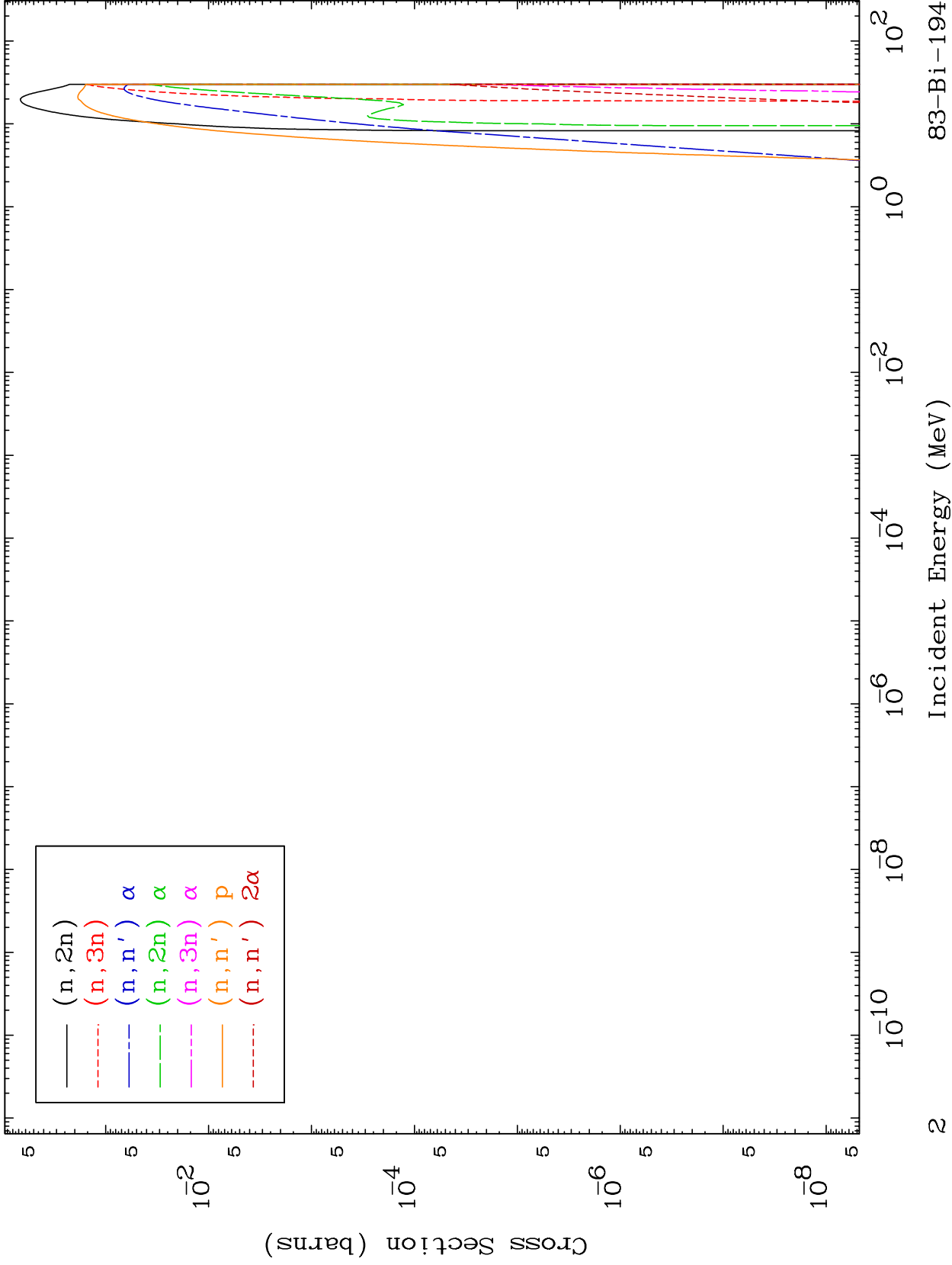
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Press Mouse Button to Start

MAT 8280

Neutron Production
293 Kelvin Cross Sections

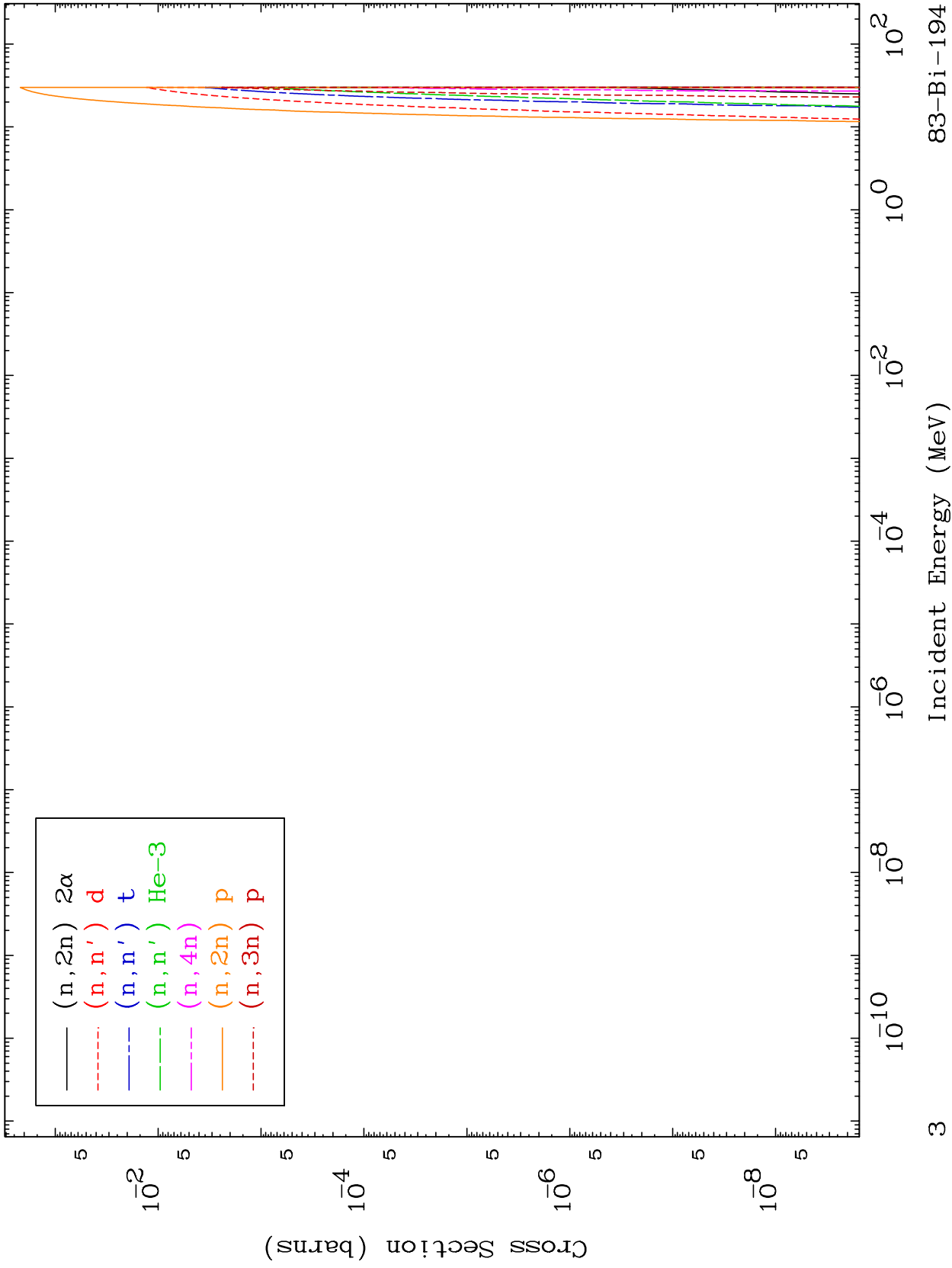
83-Bi-194



MAT 8280

Neutron Production
293 Kelvin Cross Sections

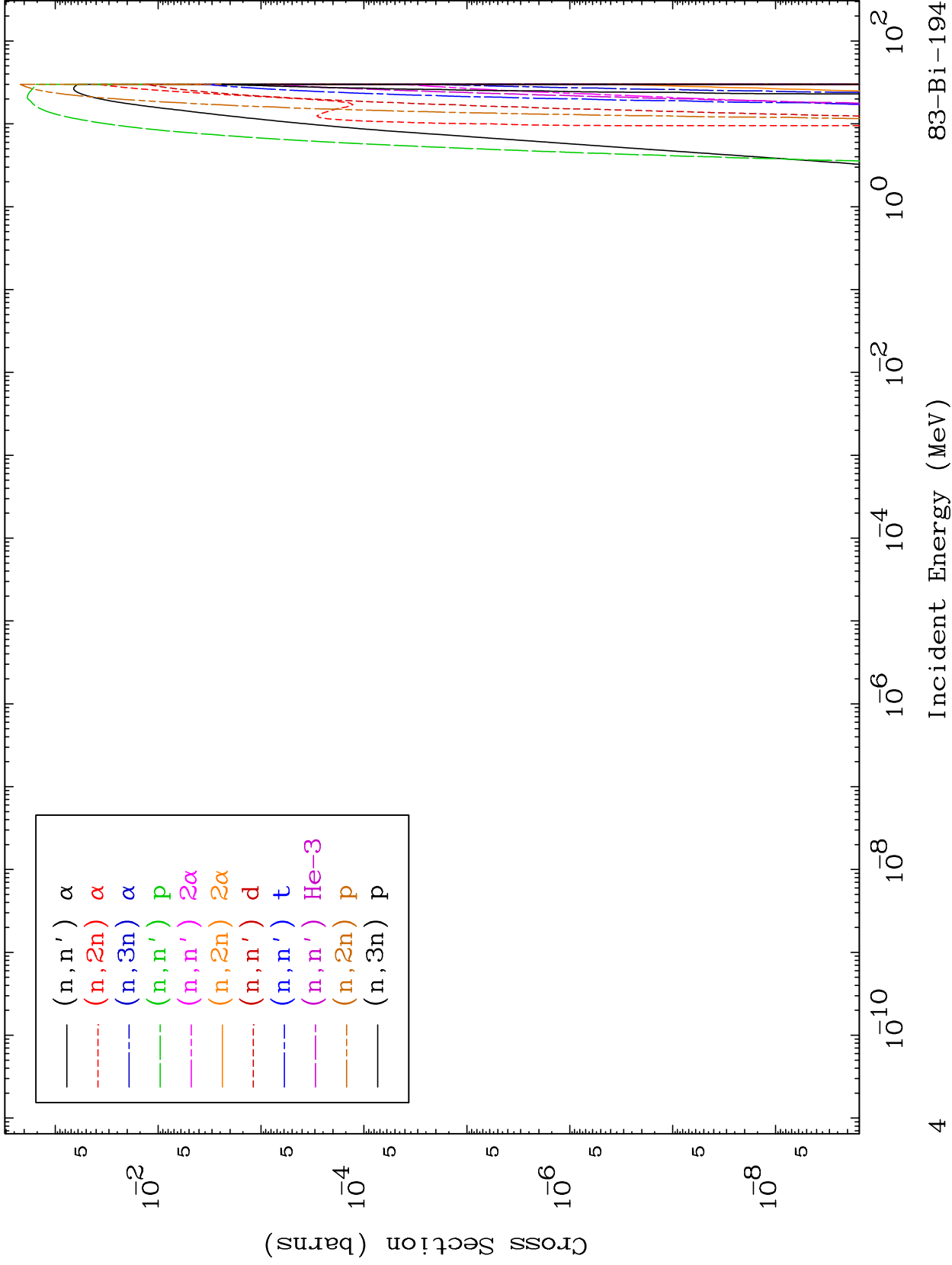
83-Bi-194



MAT 8280

Charged Particle
293 Kelvin Cross Sections

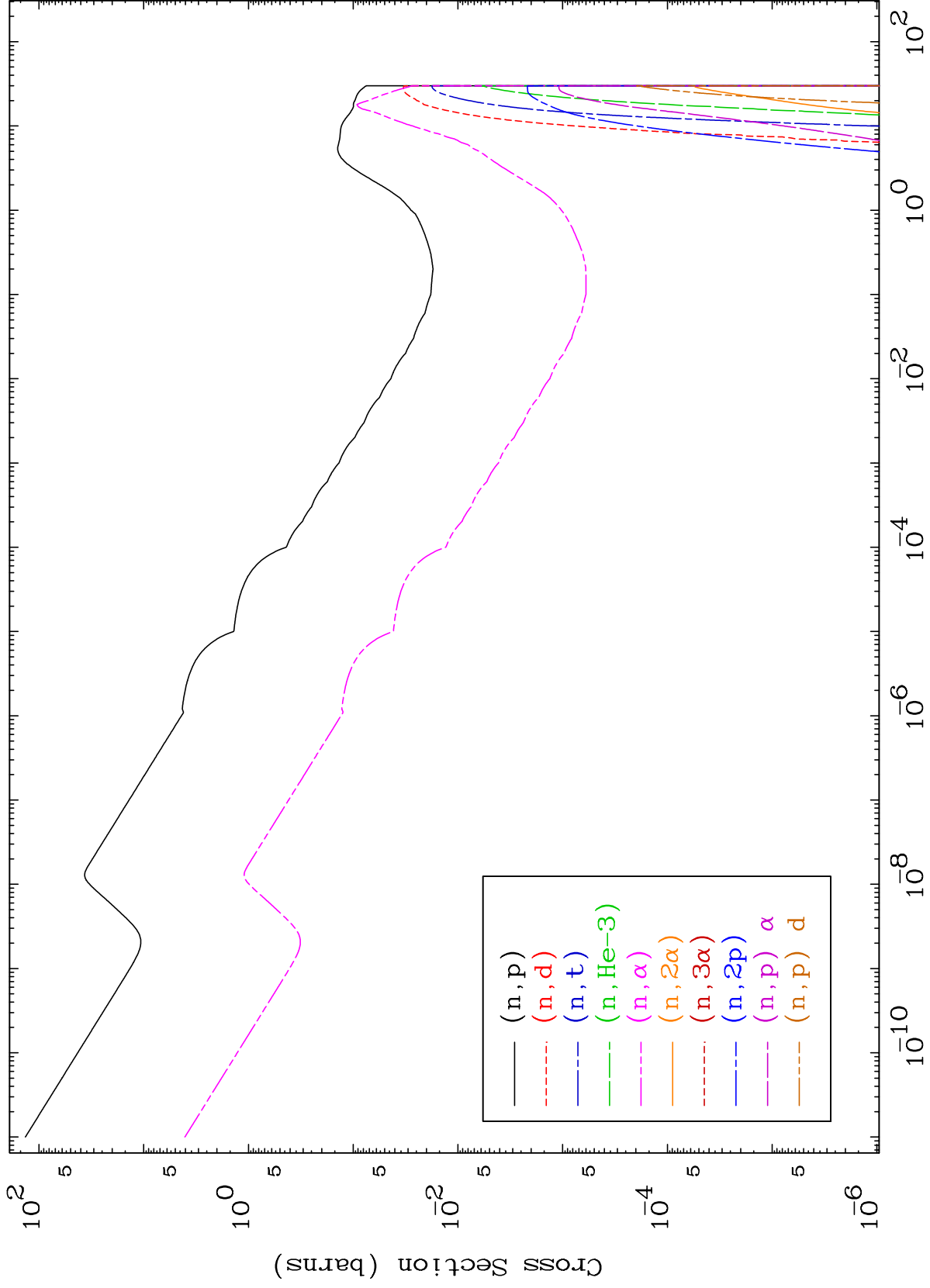
83-Bi-194

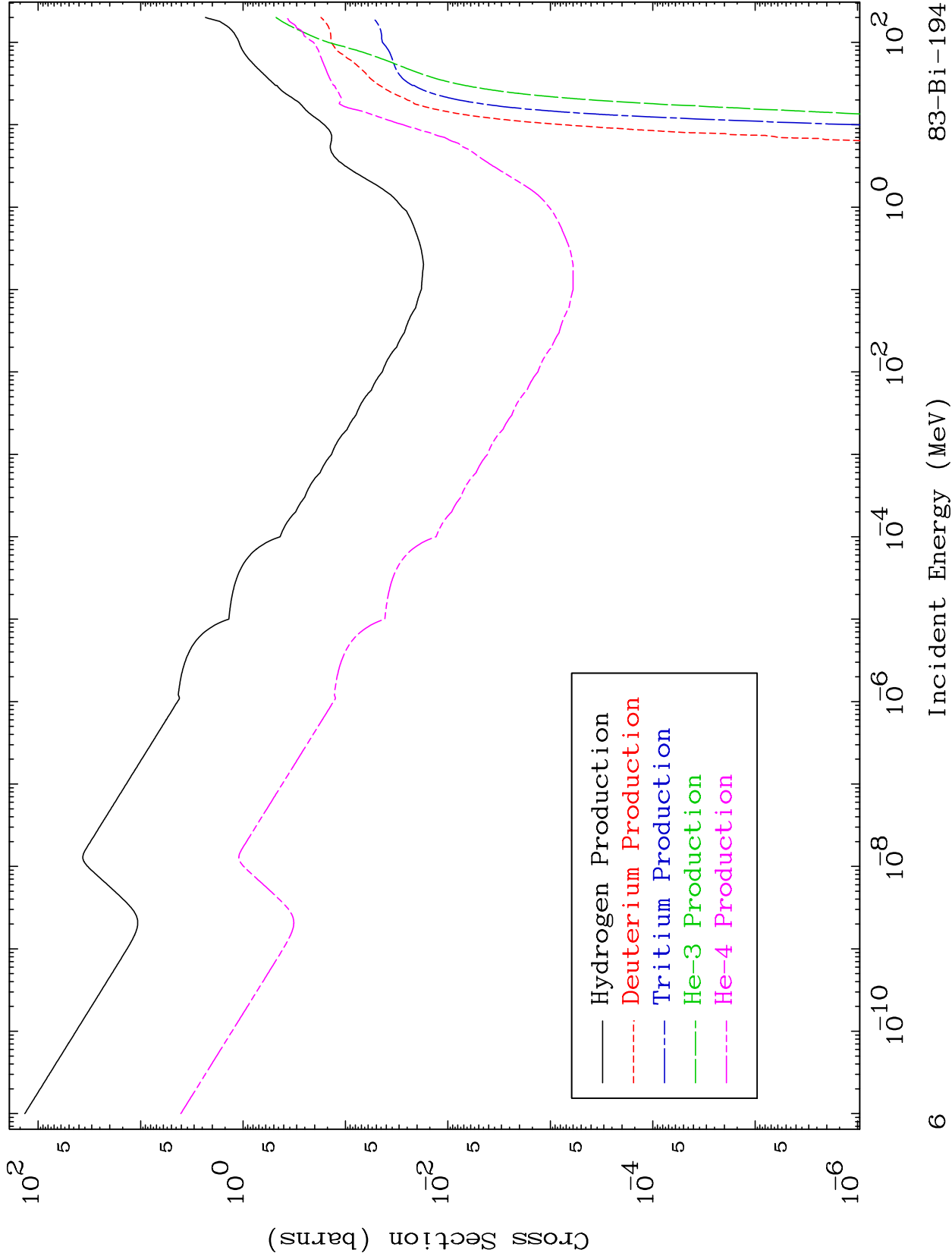


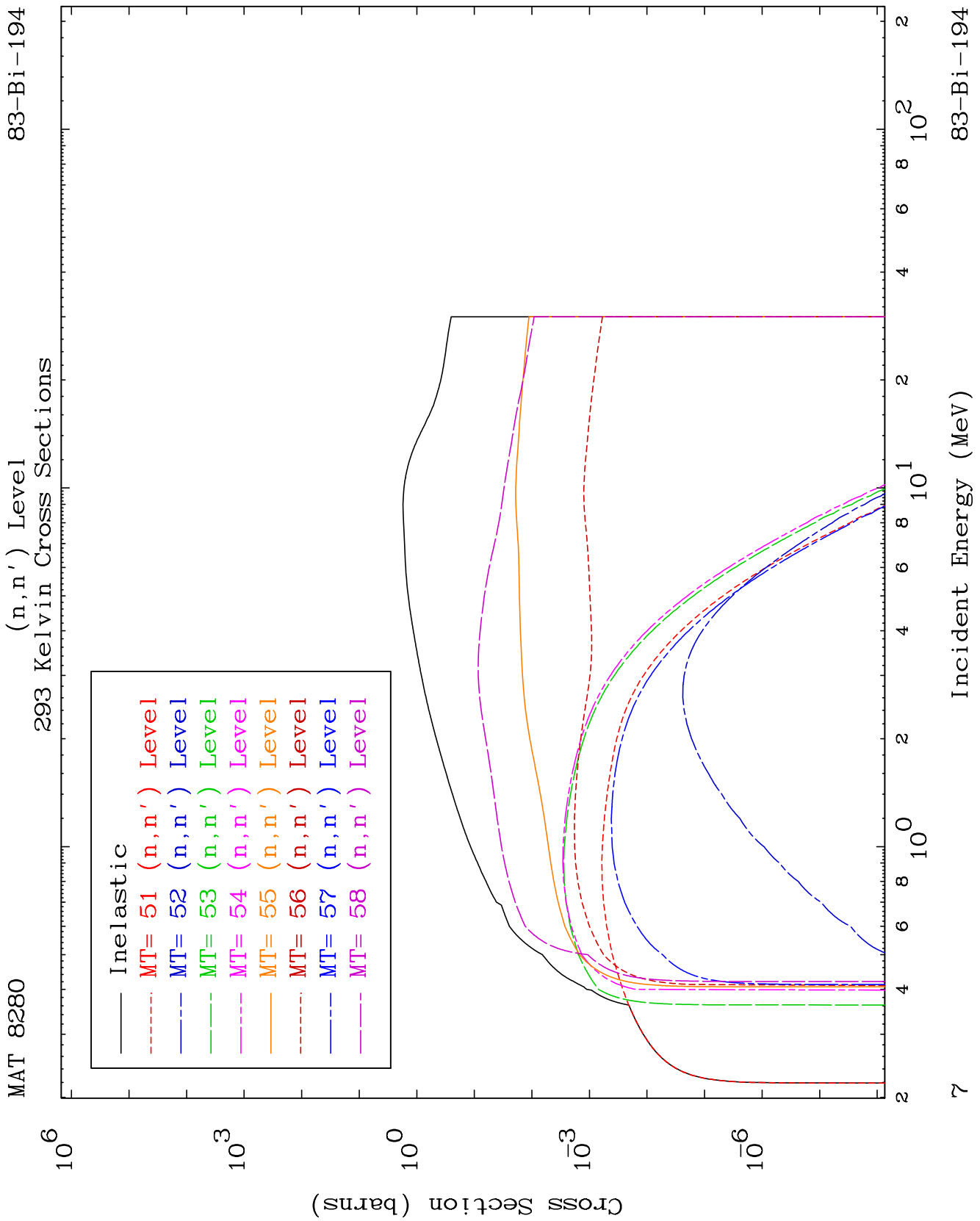
MAT 8280

Charged Particle
293 Kelvin Cross Sections

83-Bi-194





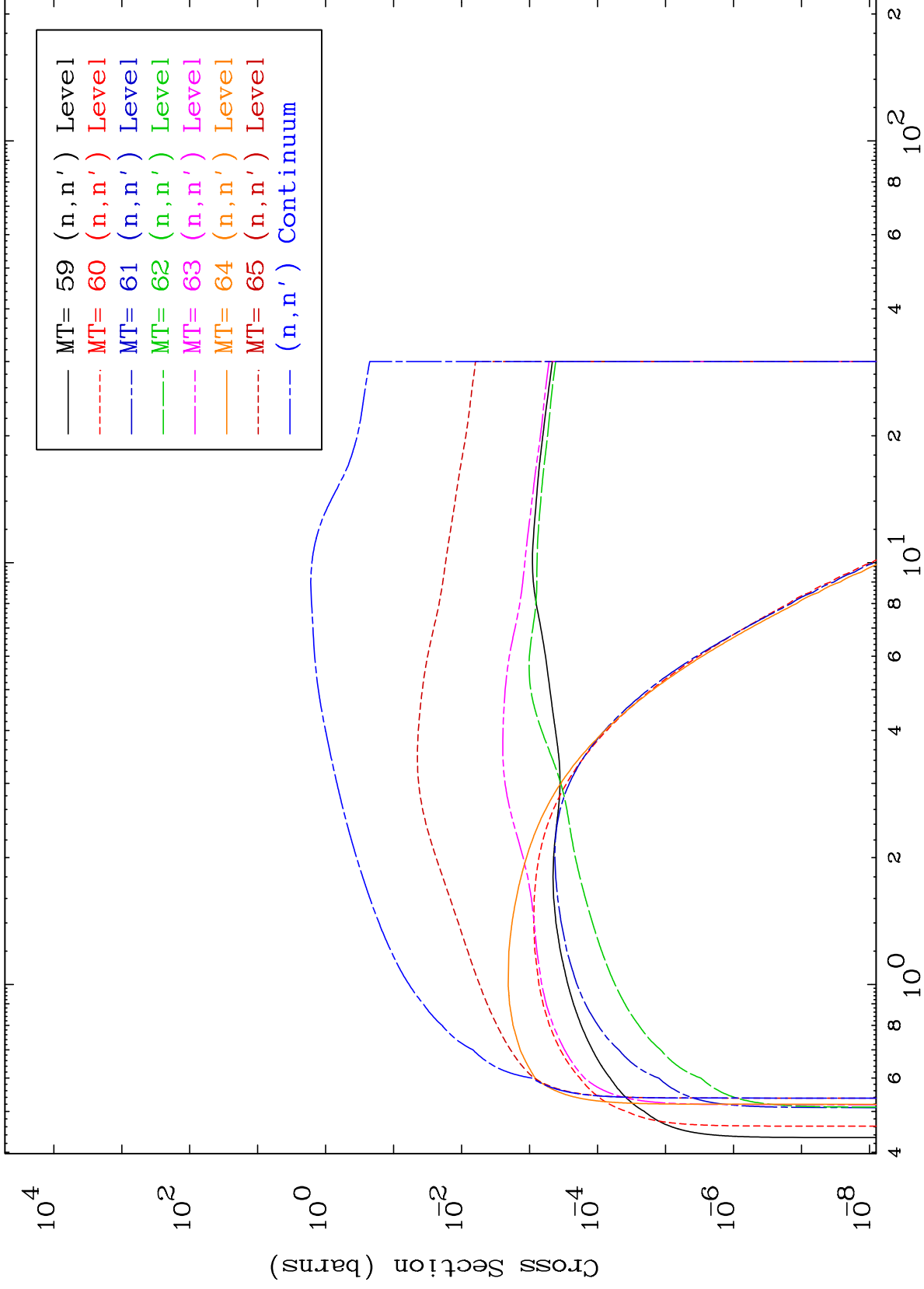


MAT 8280

(n,n') Level

293 Kelvin Cross Sections

83-Bi-194



8

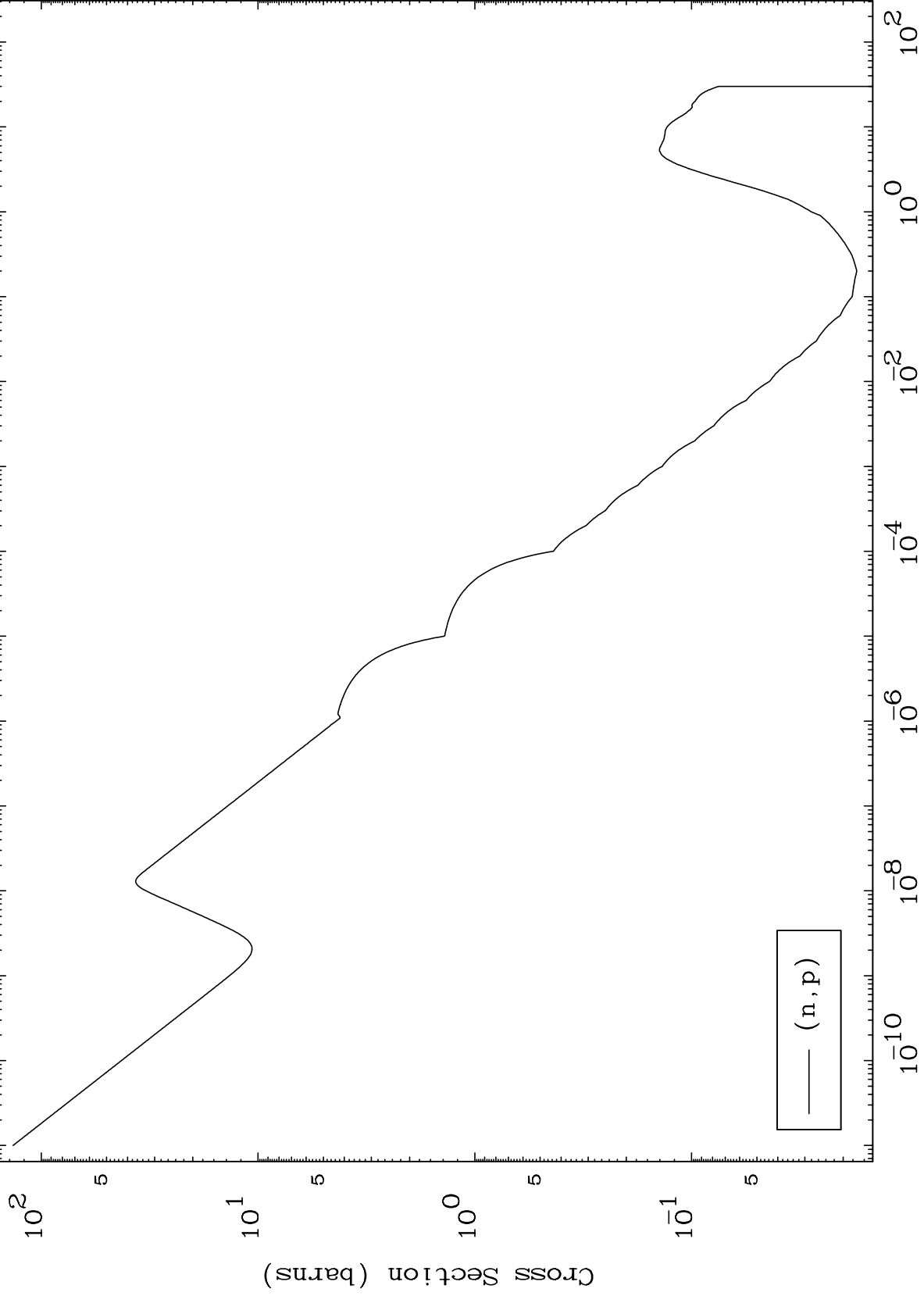
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-194

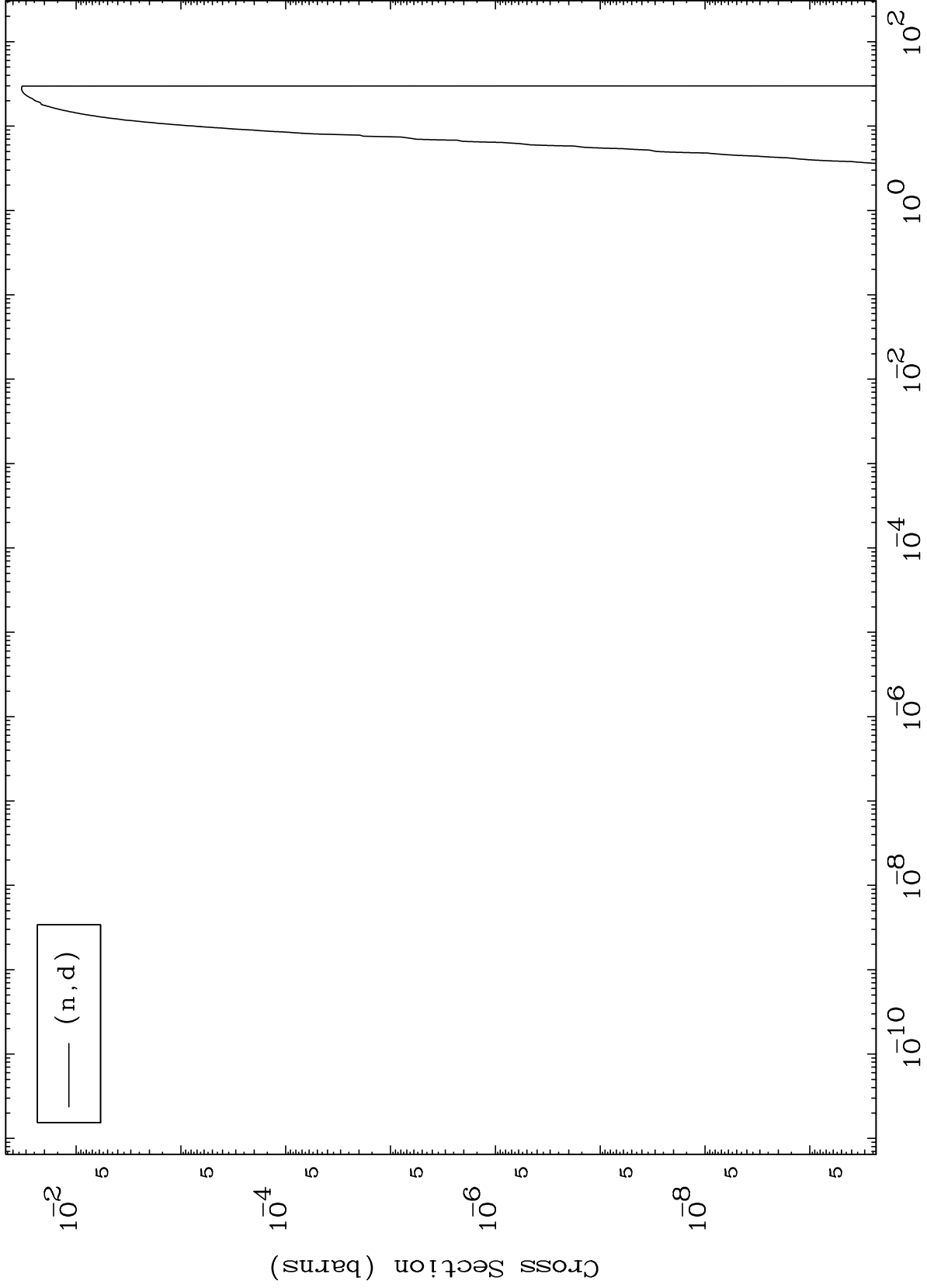


(n,p)

MAT 8280

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-194



10

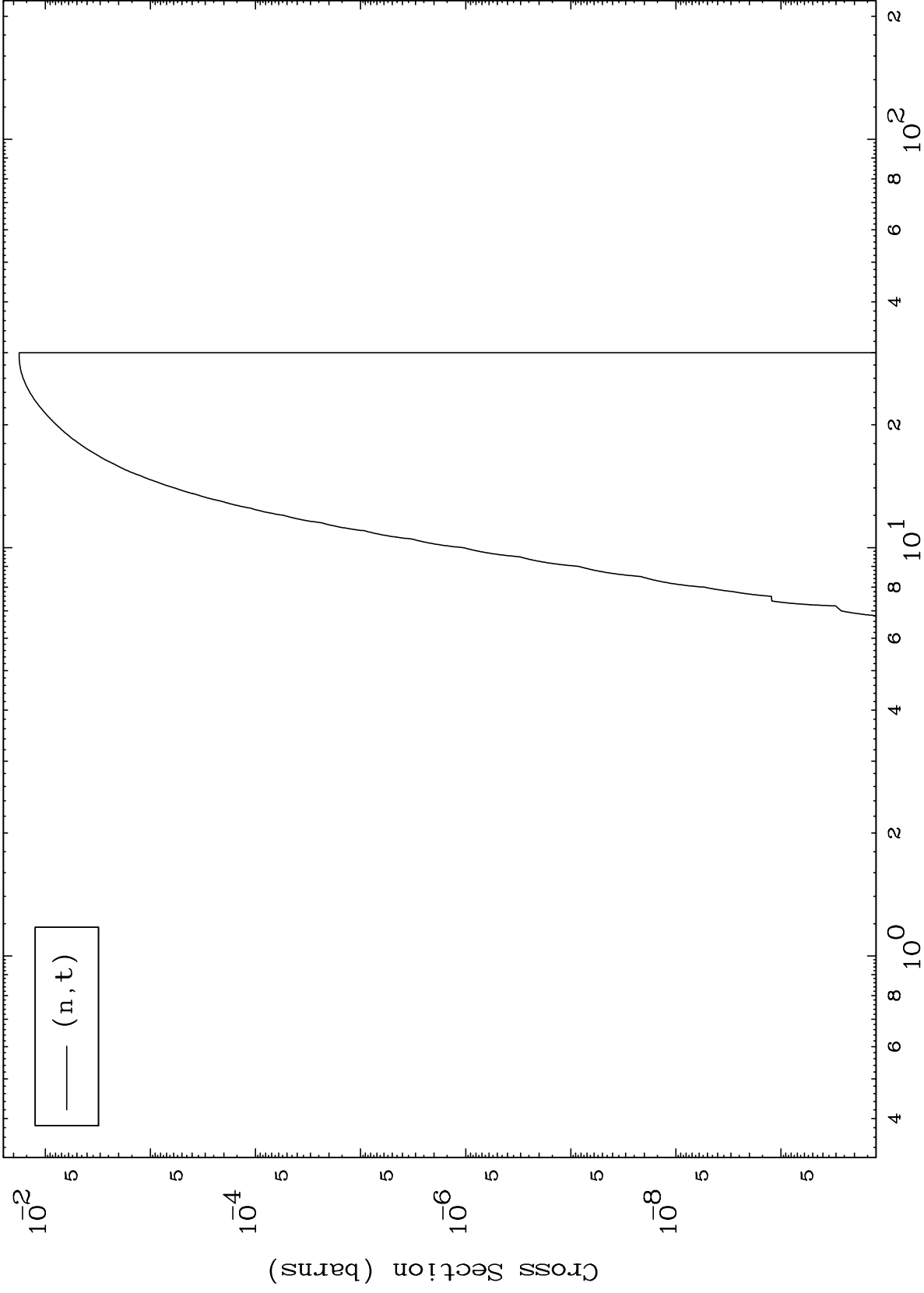
Incident Energy (MeV)

83-Bi-194

MAT 8280

(n,t) Levels
293 Kelvin Cross Sections

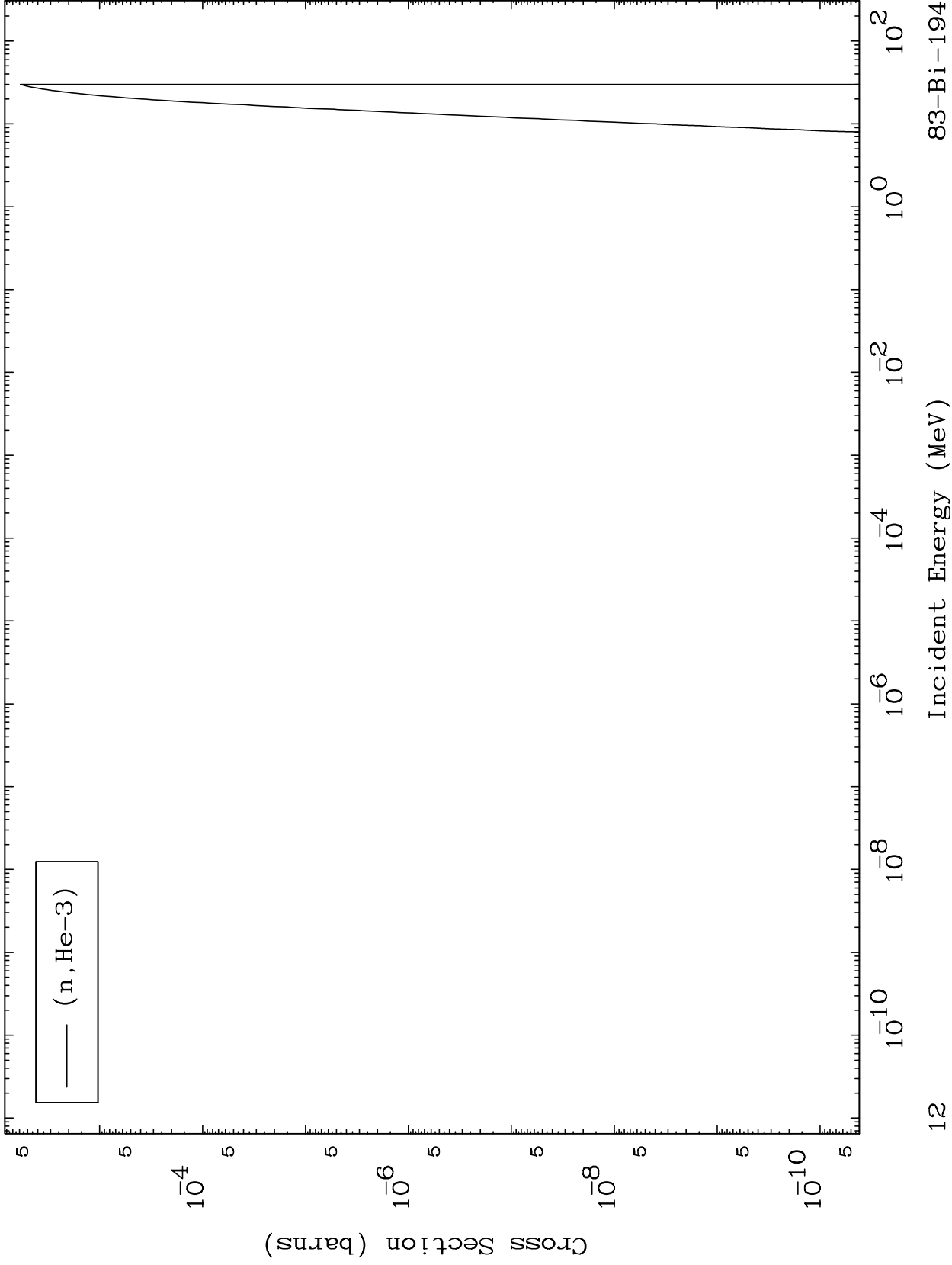
83-Bi-194



MAT 8280

(n,He3) Levels
293 Kelvin Cross Sections

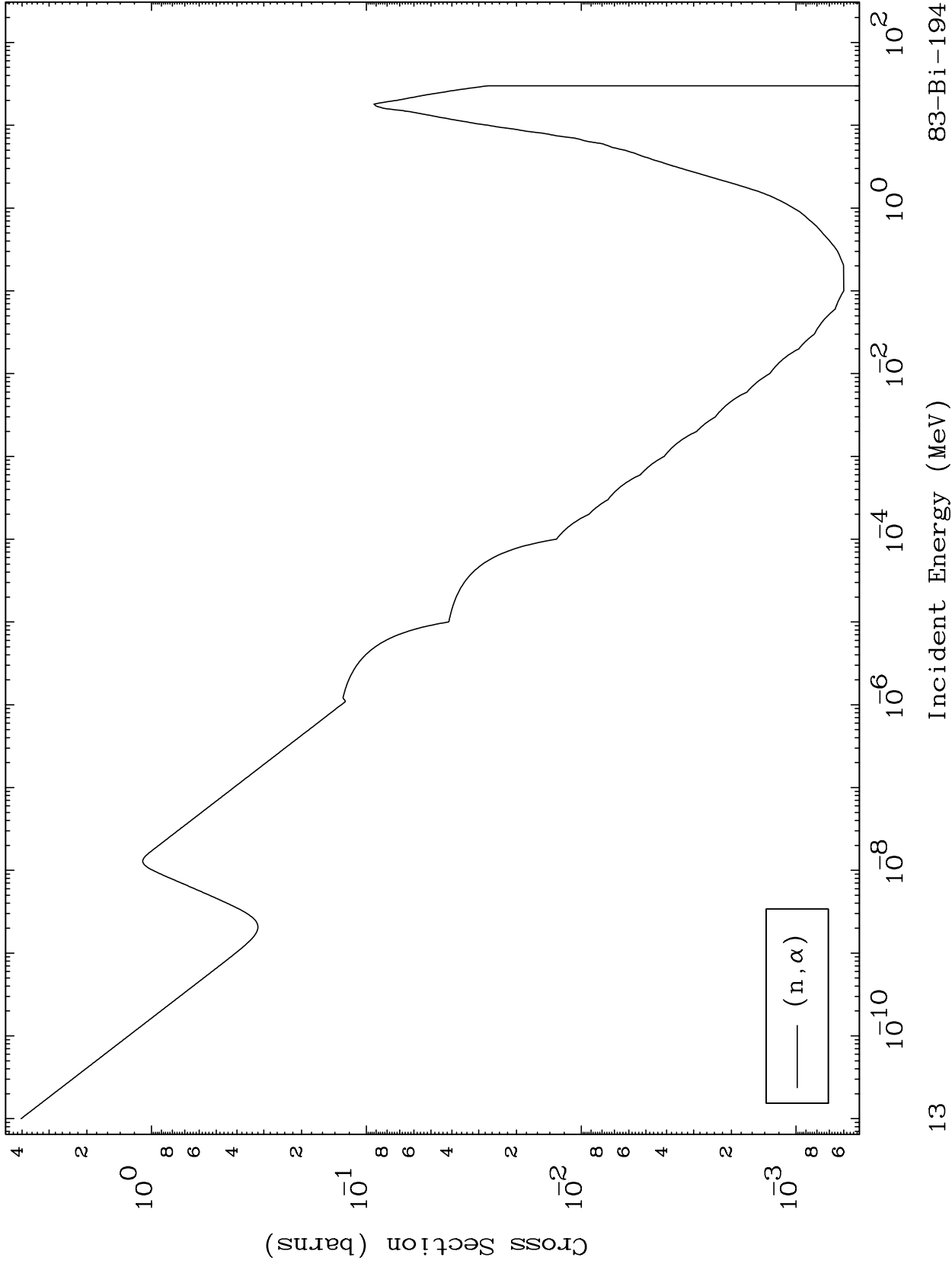
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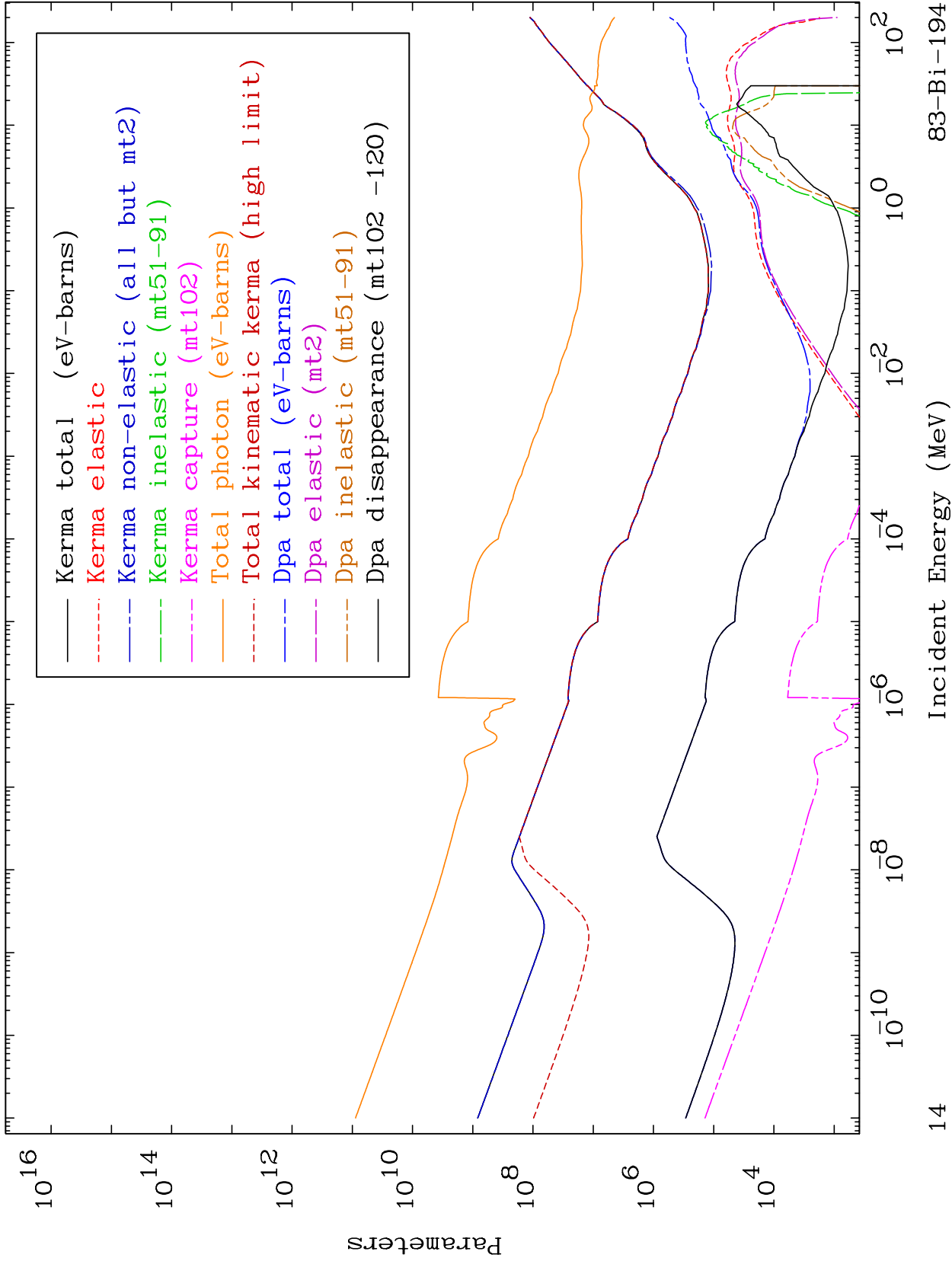


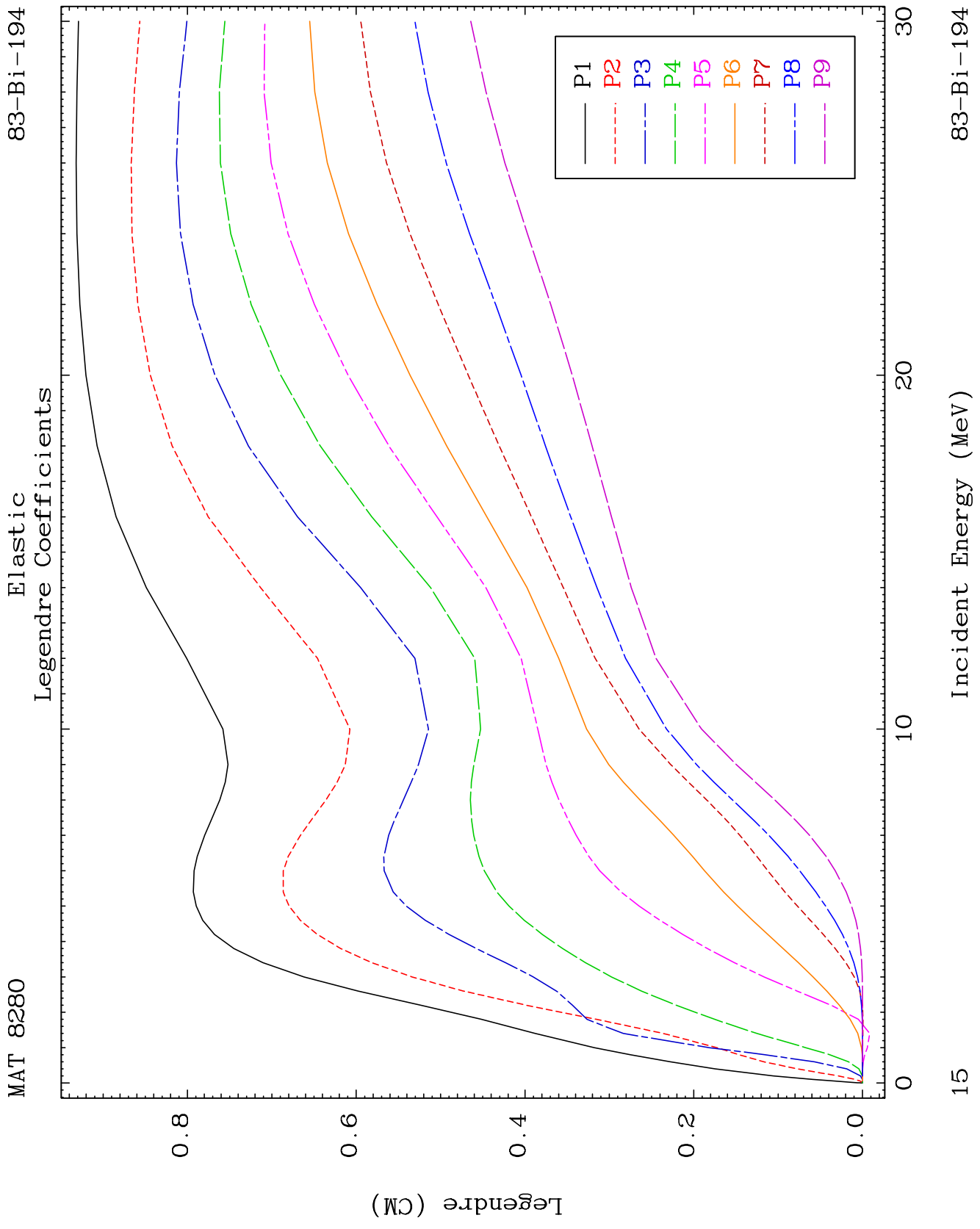
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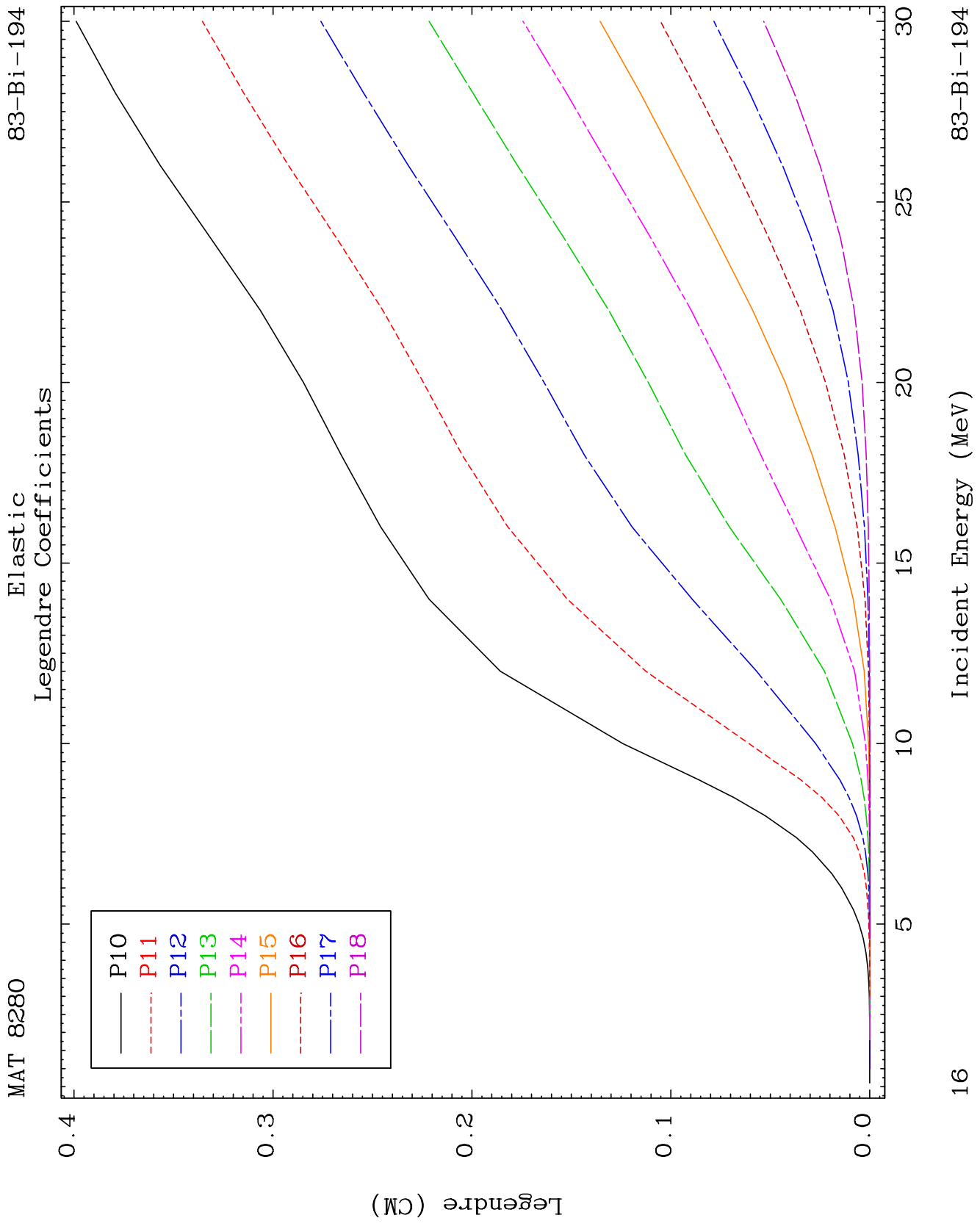
(n,α) Levels
293 Kelvin Cross Sections

83-Bi-194





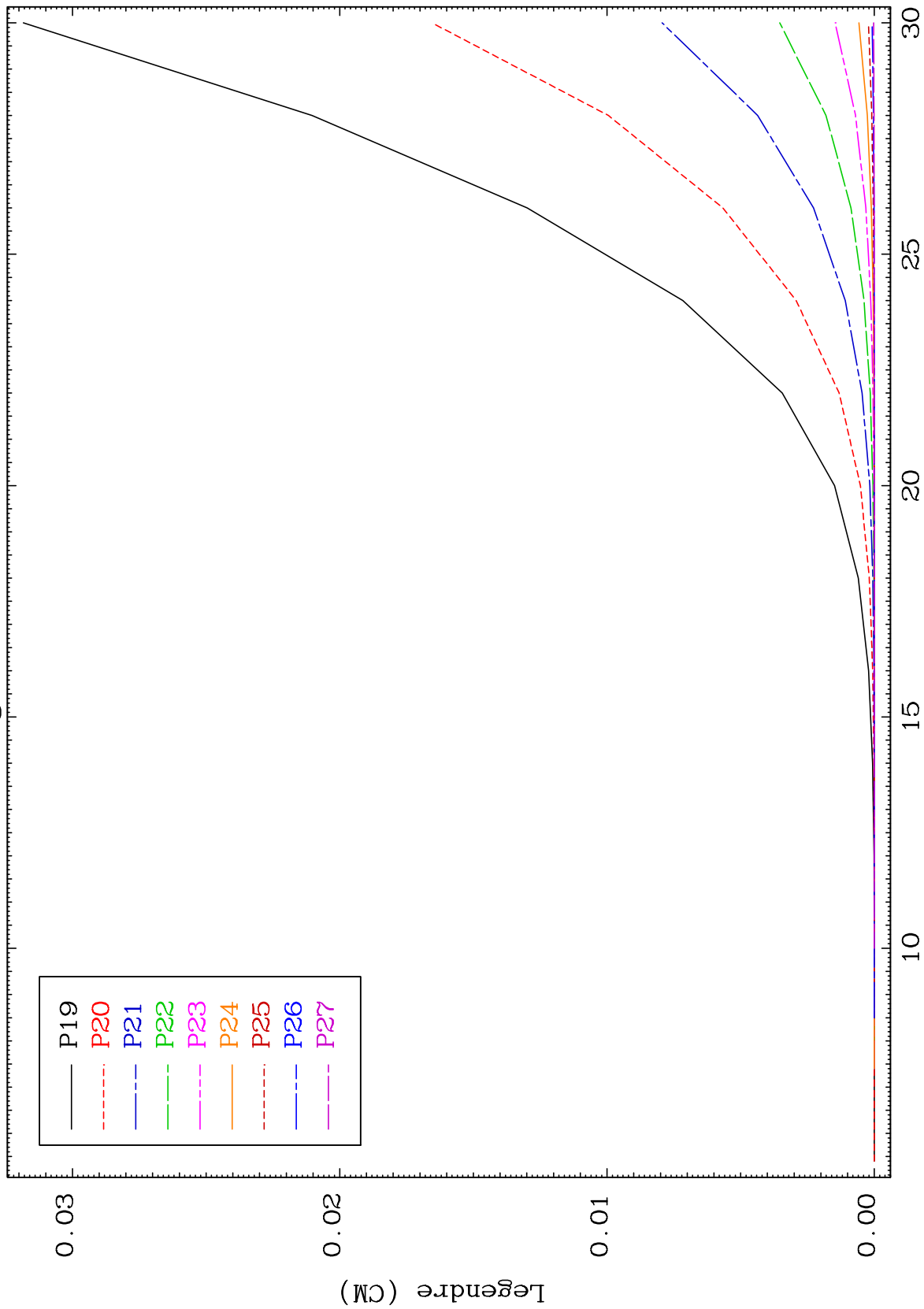




MAT 8280

Elastic Legendre Coefficients

83-Bi-194



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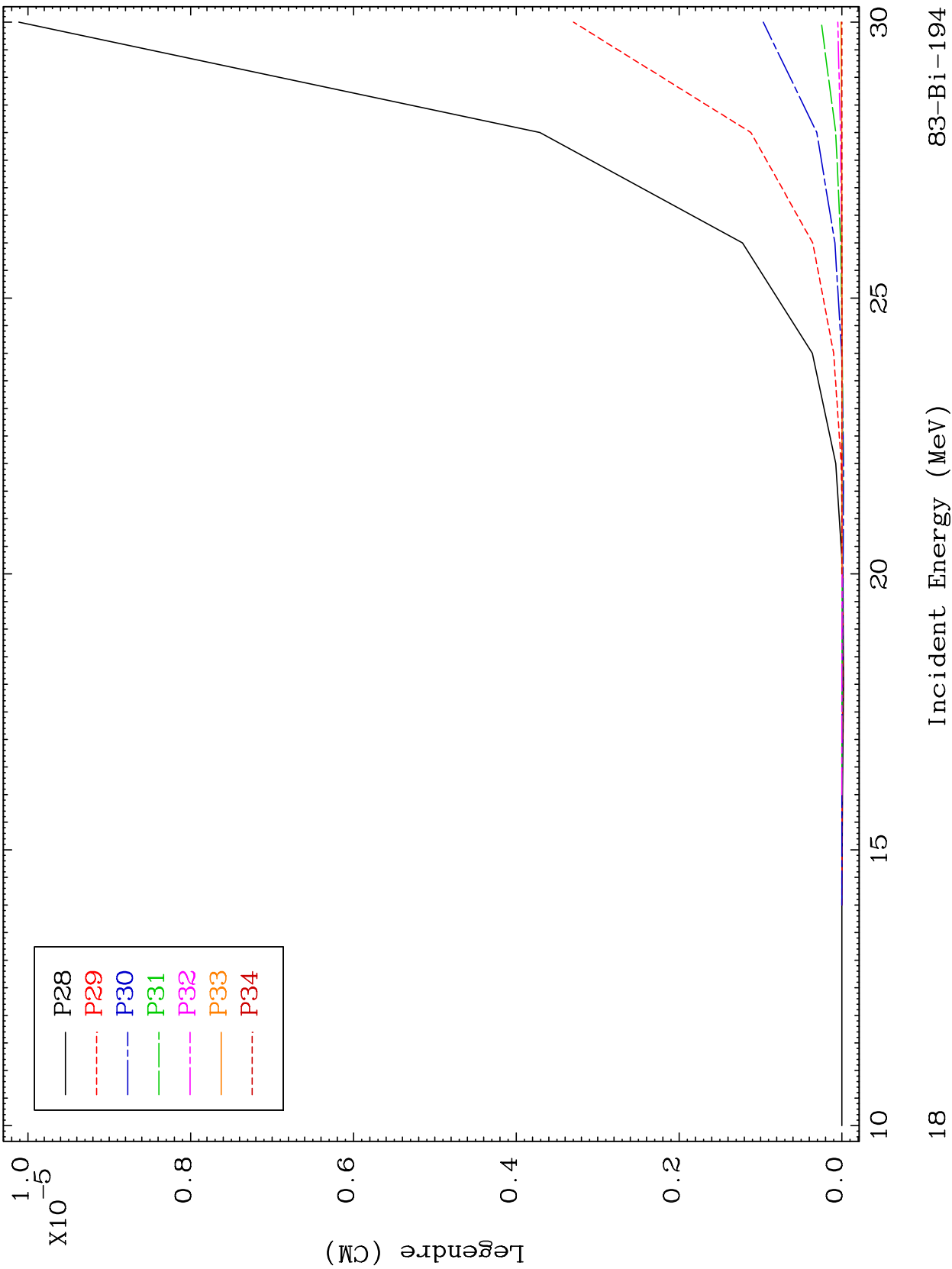
Incident Energy (MeV)

83-Bi-194

MAT 8280

Elastic Legendre Coefficients

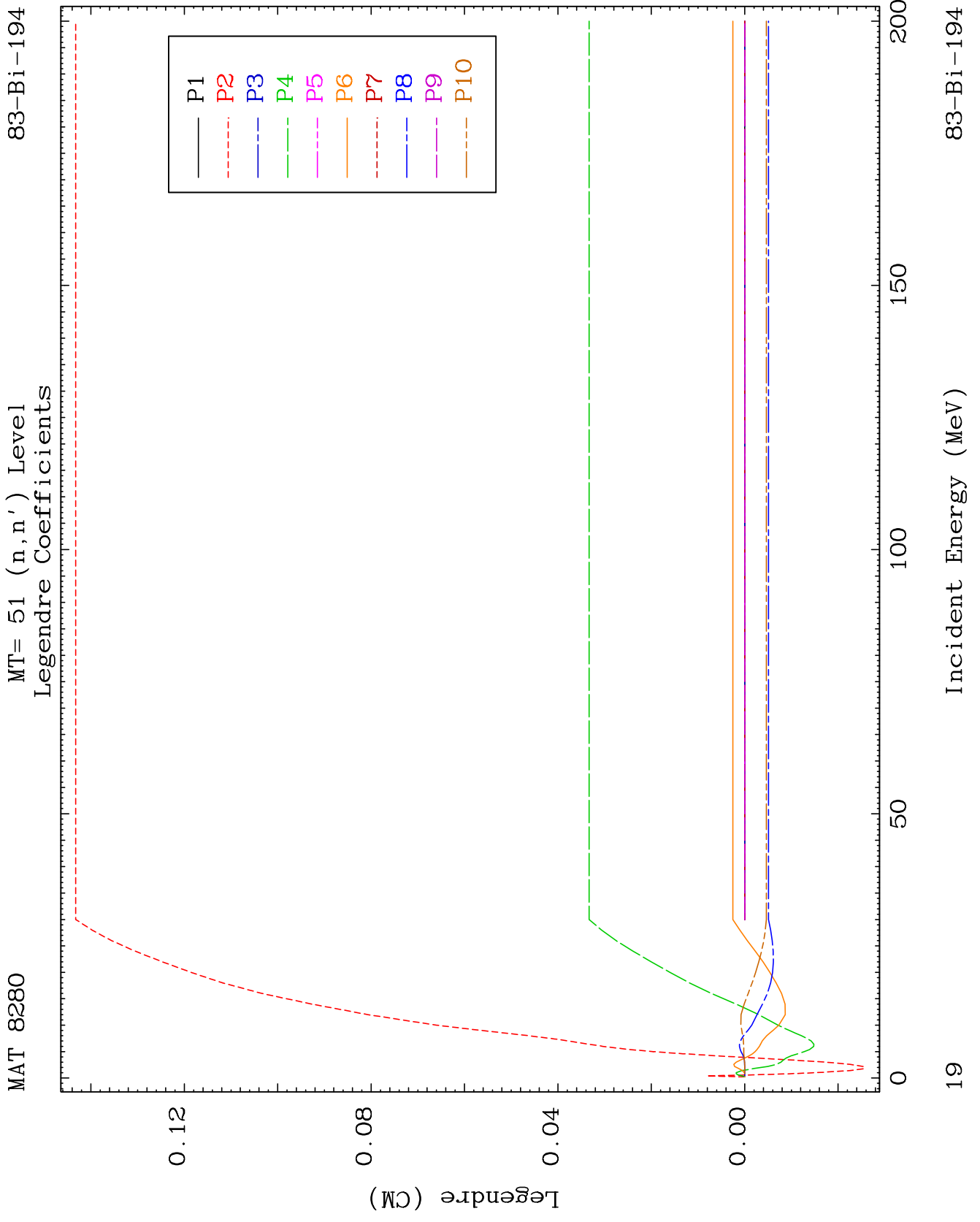
83-Bi-194



83-Bi-194

Incident Energy (MeV)

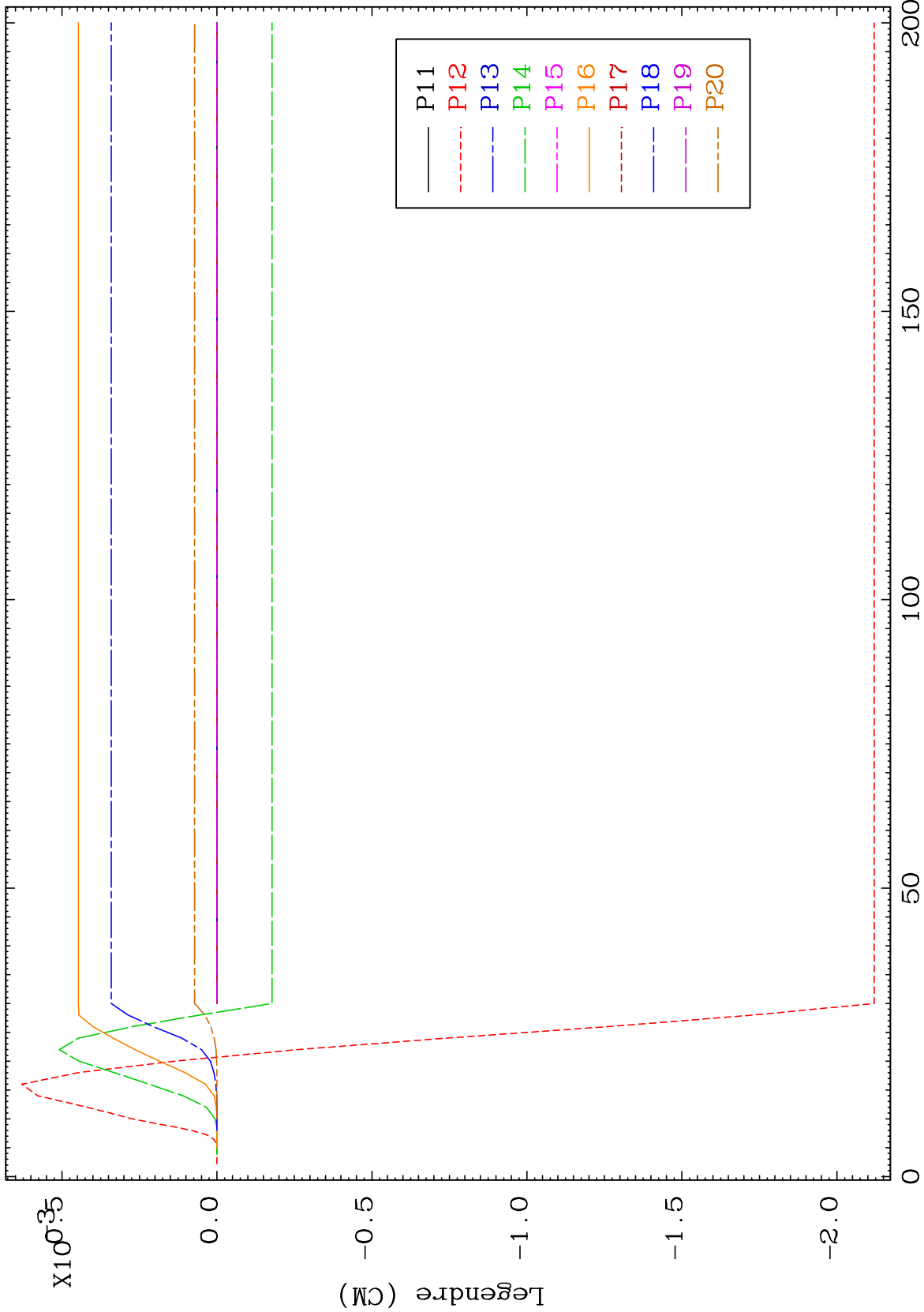
18



MAT 8280

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

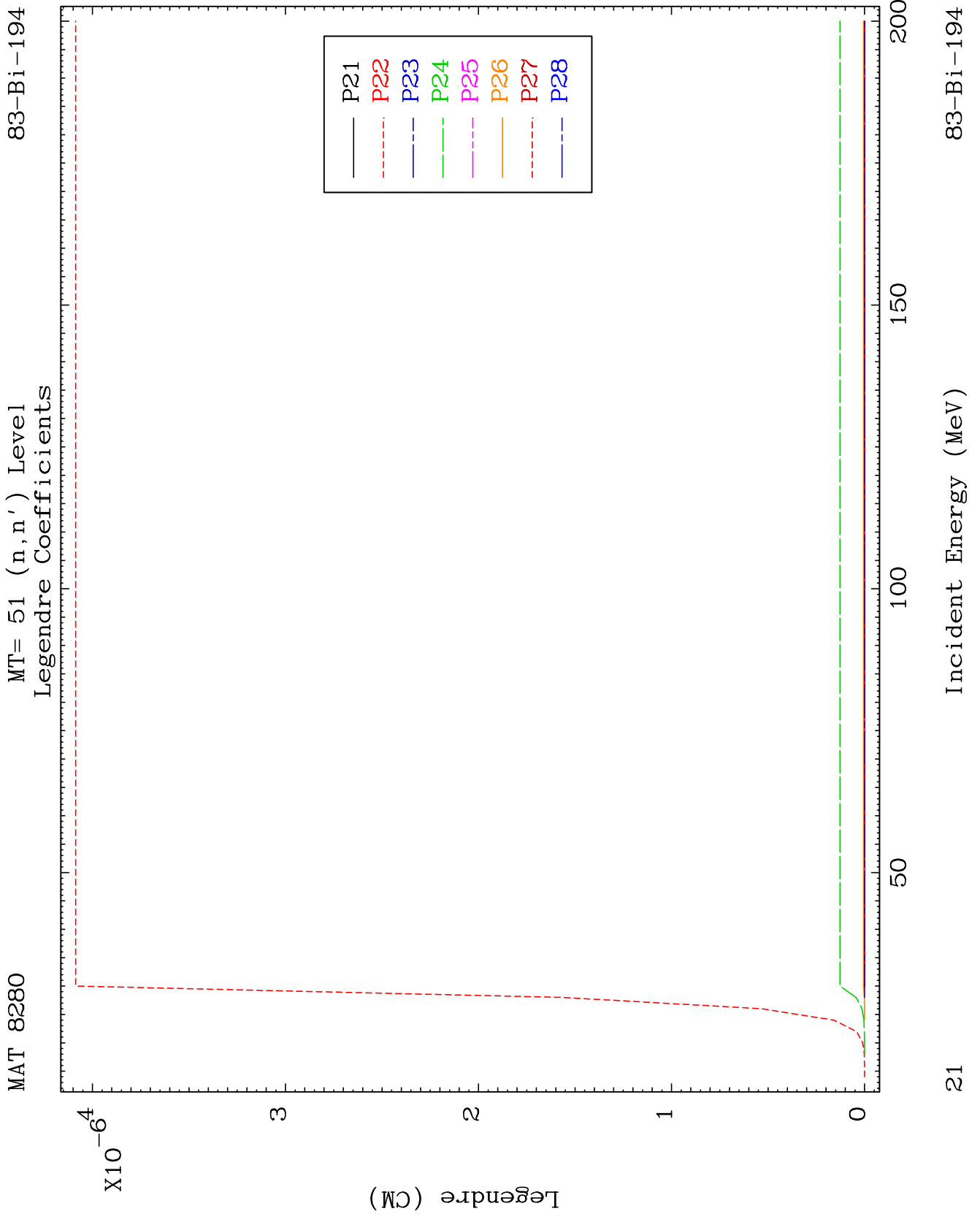
83-Bi-194



83-Bi-194

Incident Energy (MeV)

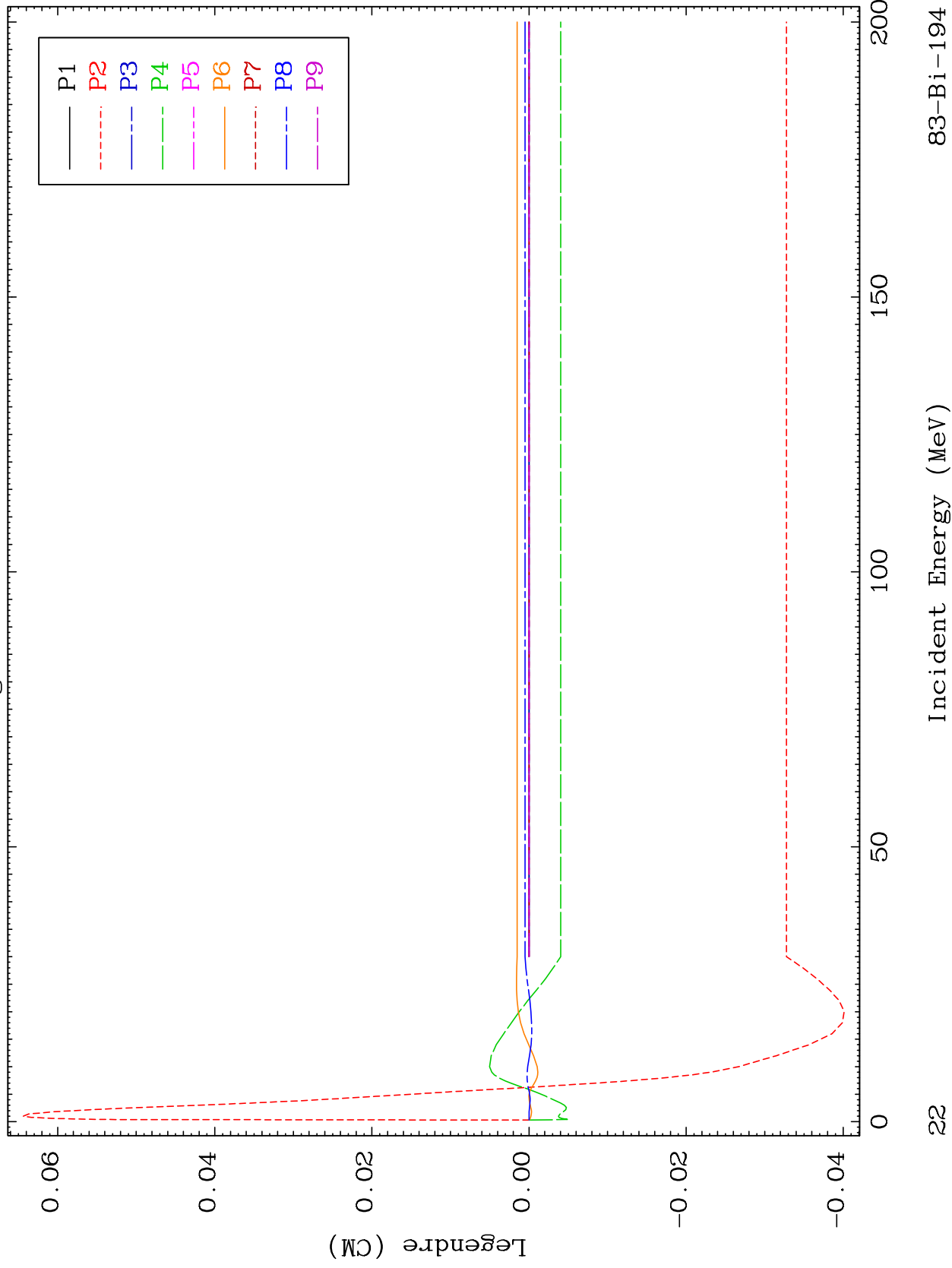
20



MAT 8280

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

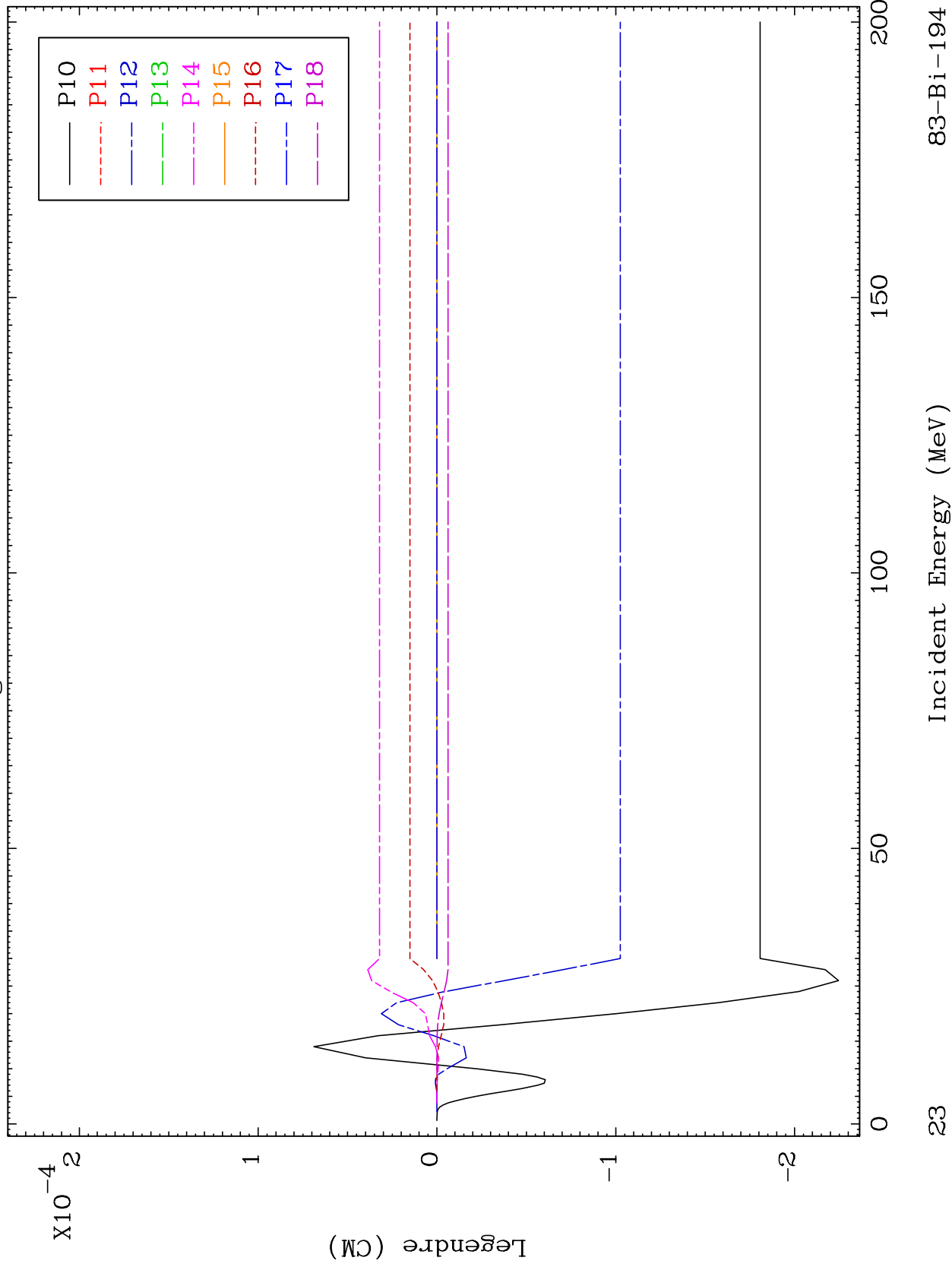
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MAT 8280

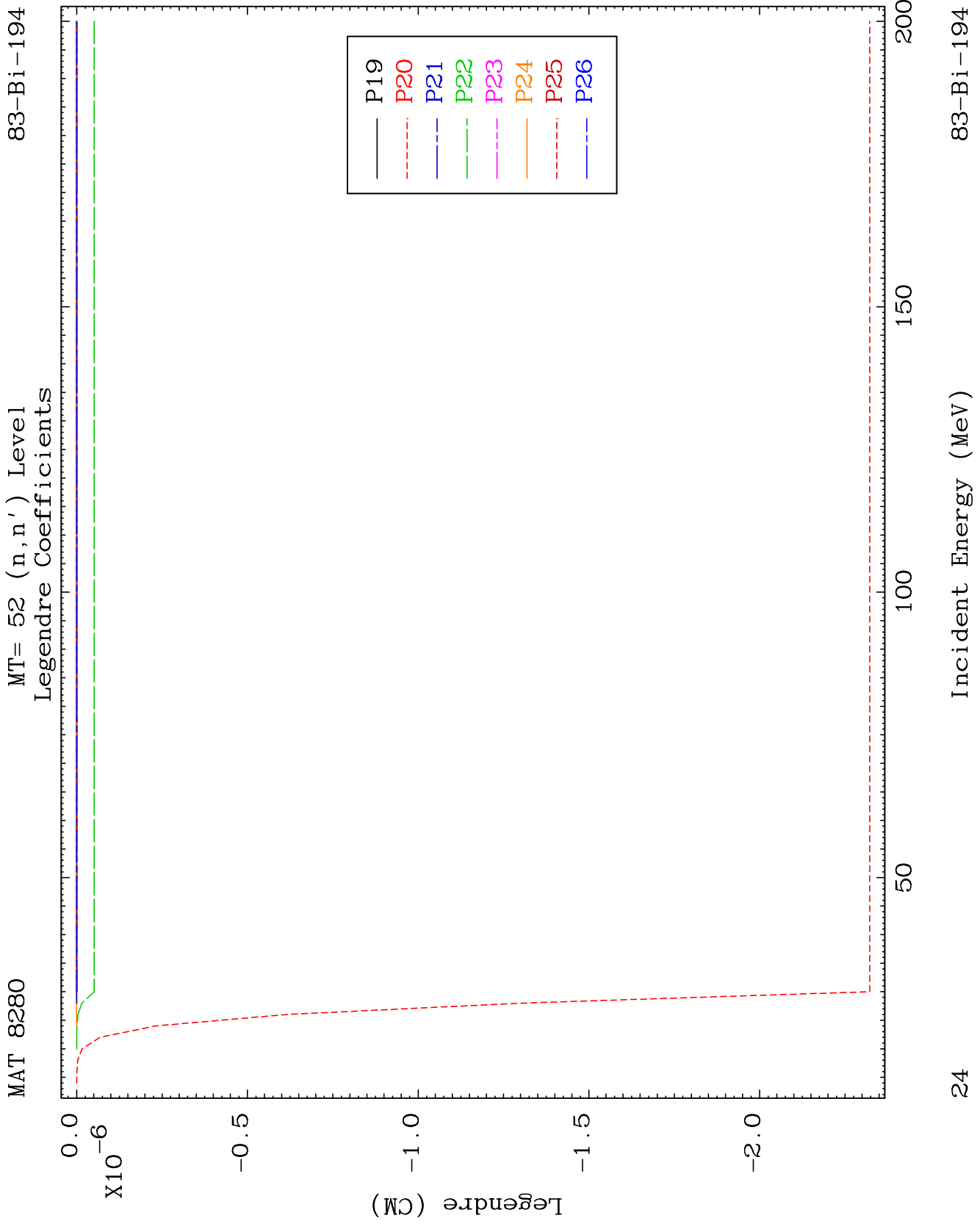
MT= 52 (n,n') Level
Legendre Coefficients

83-Bi-194



23

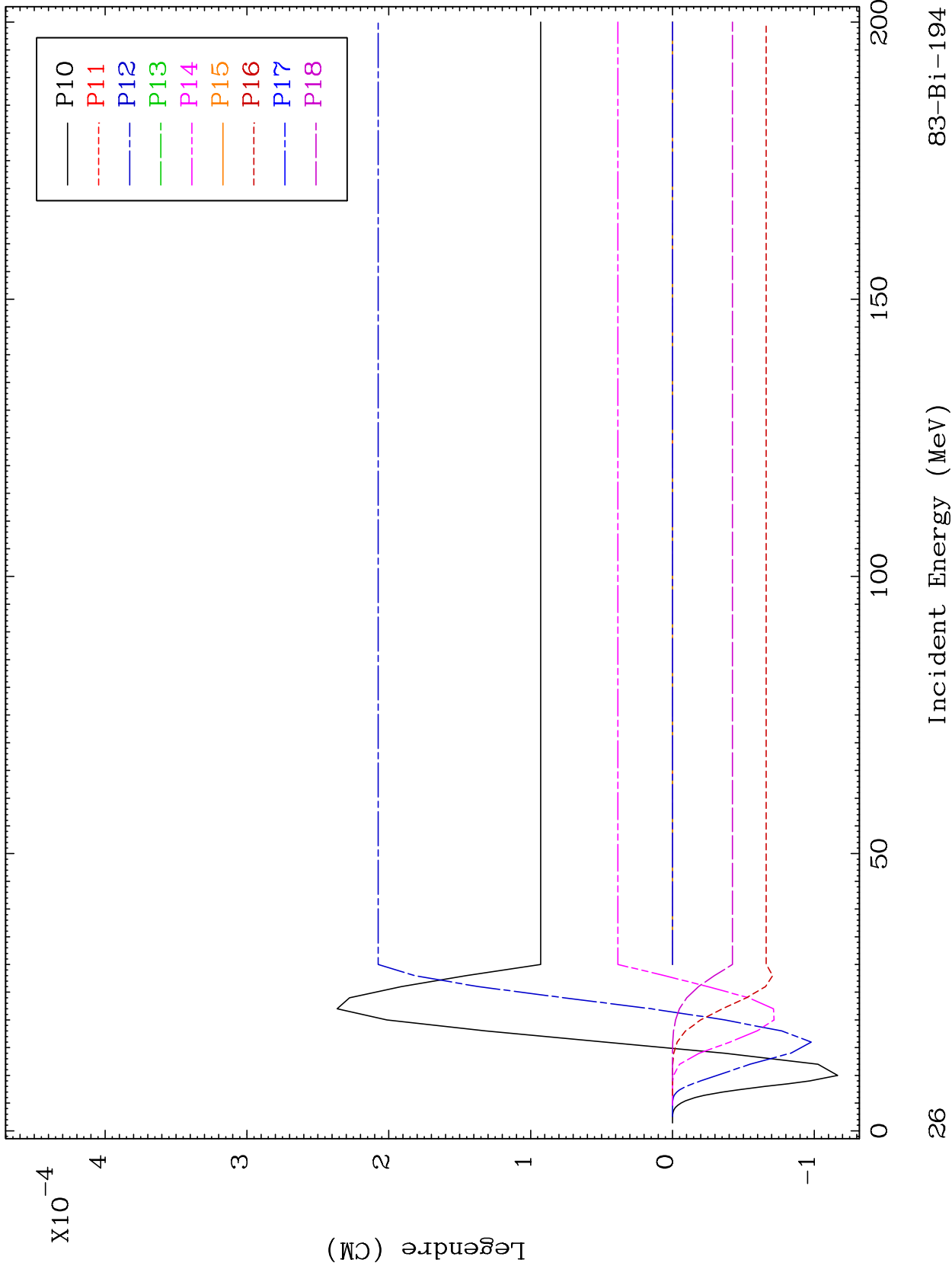
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MAT 8280

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

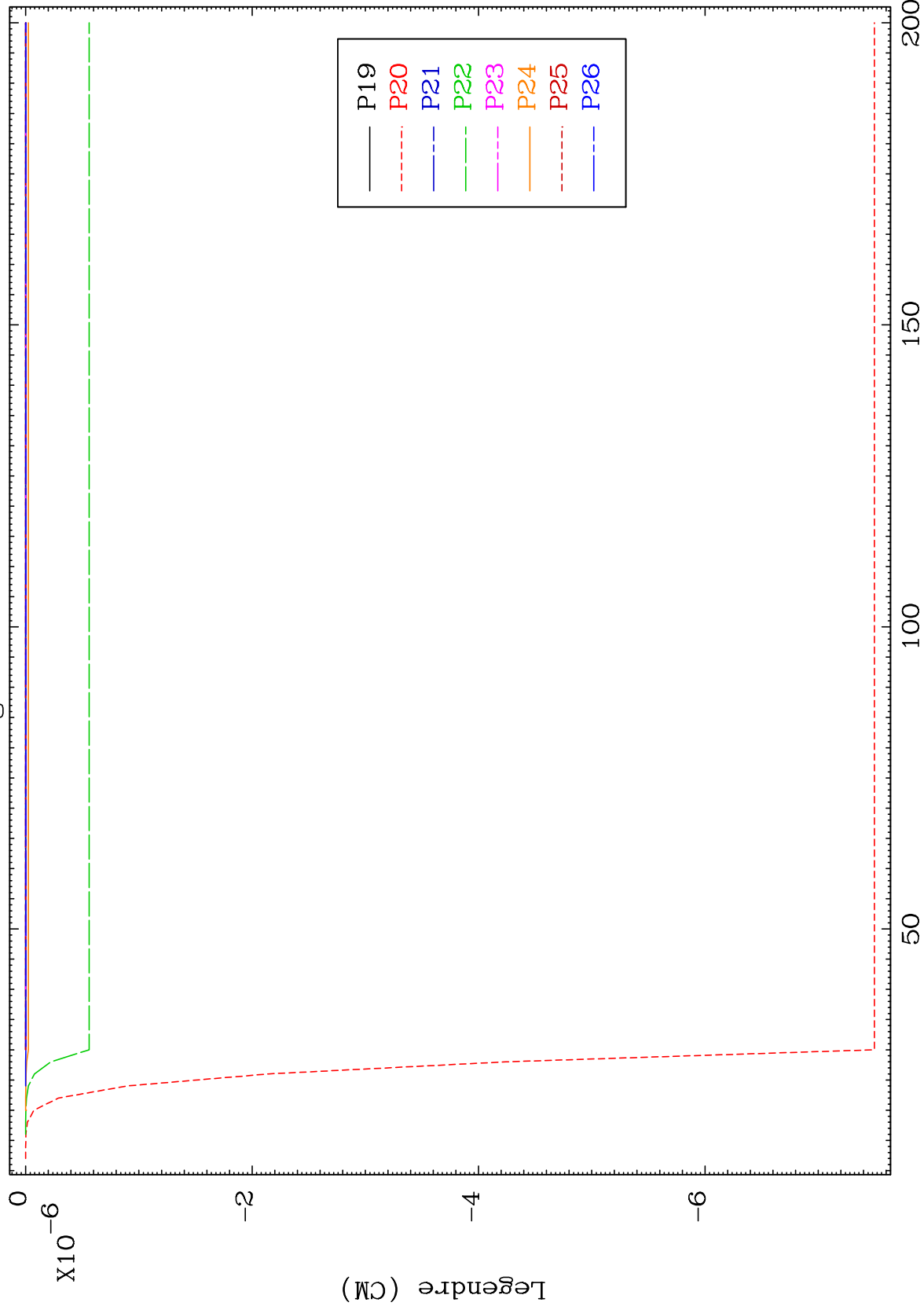
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MAT 8280

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

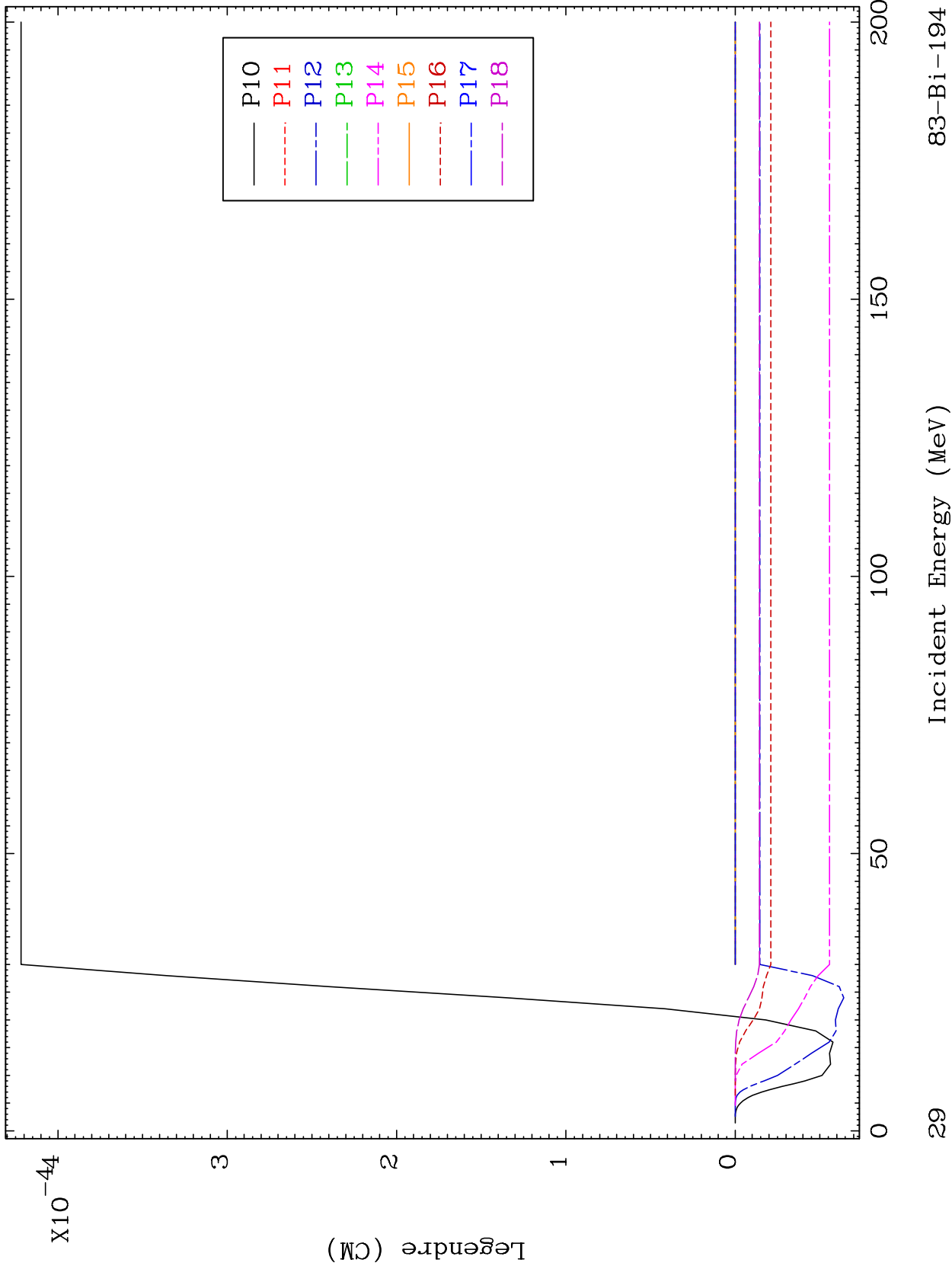
83-Bi-194



MAT 8280

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

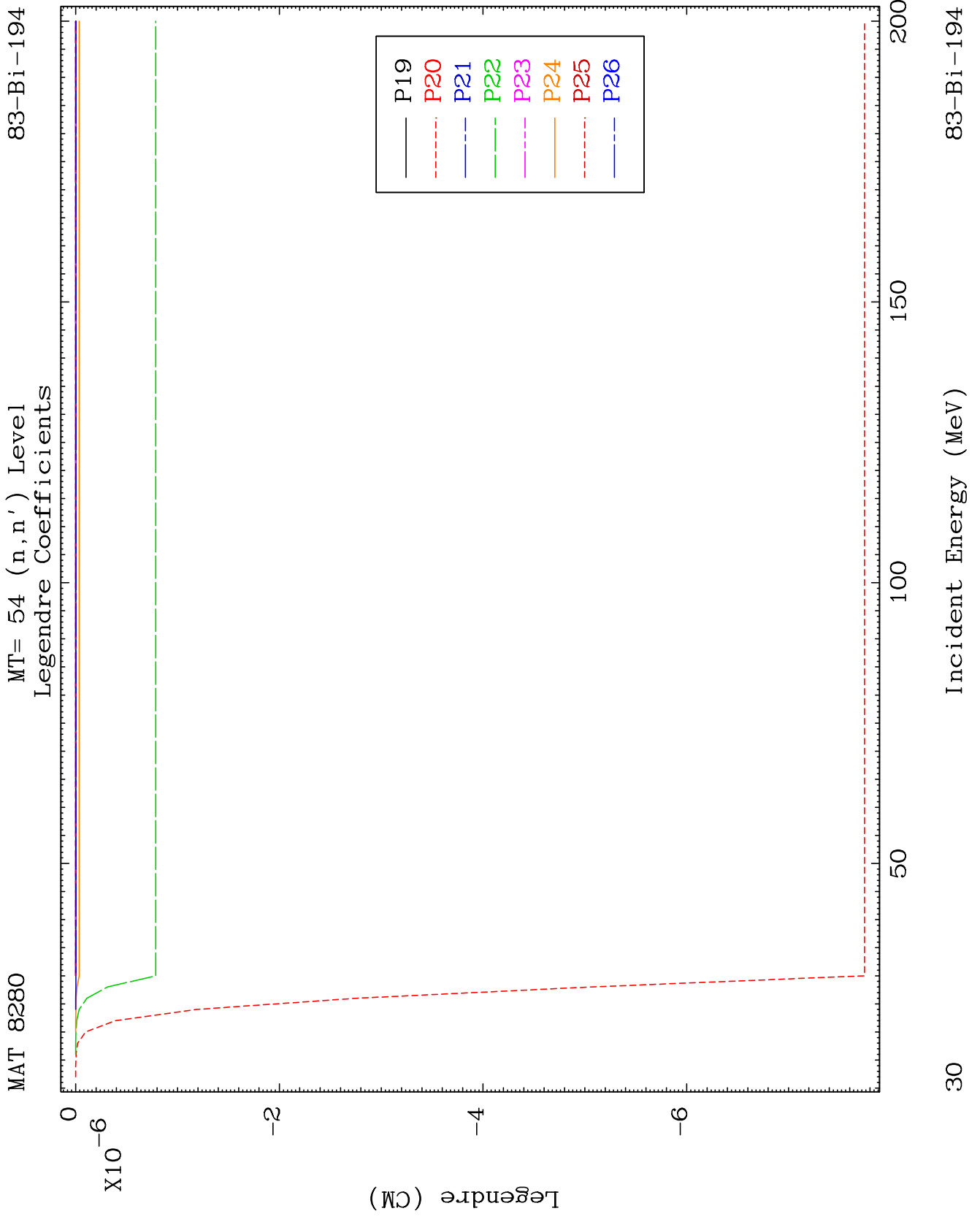
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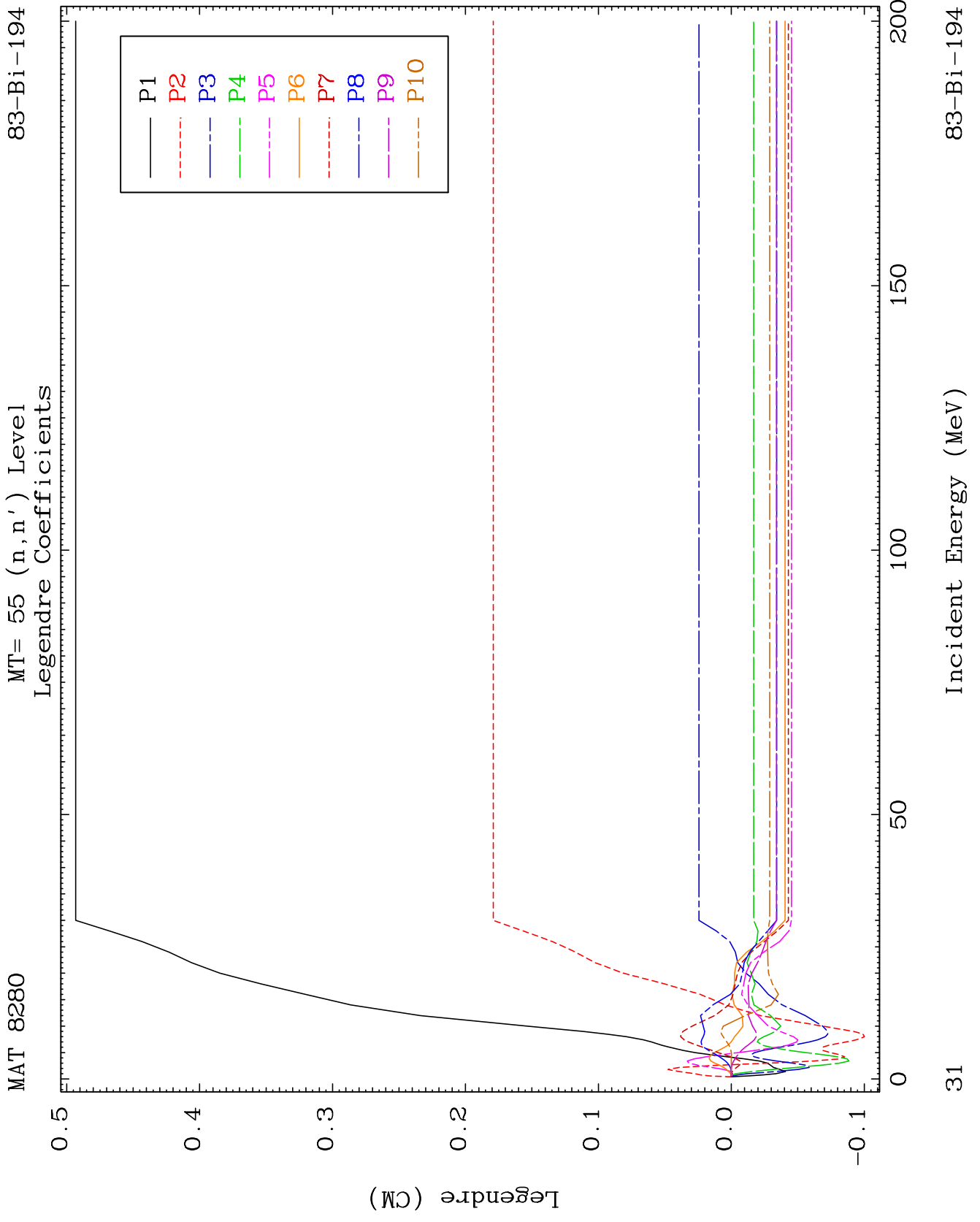


29

Incident Energy (MeV)

83-Bi-194

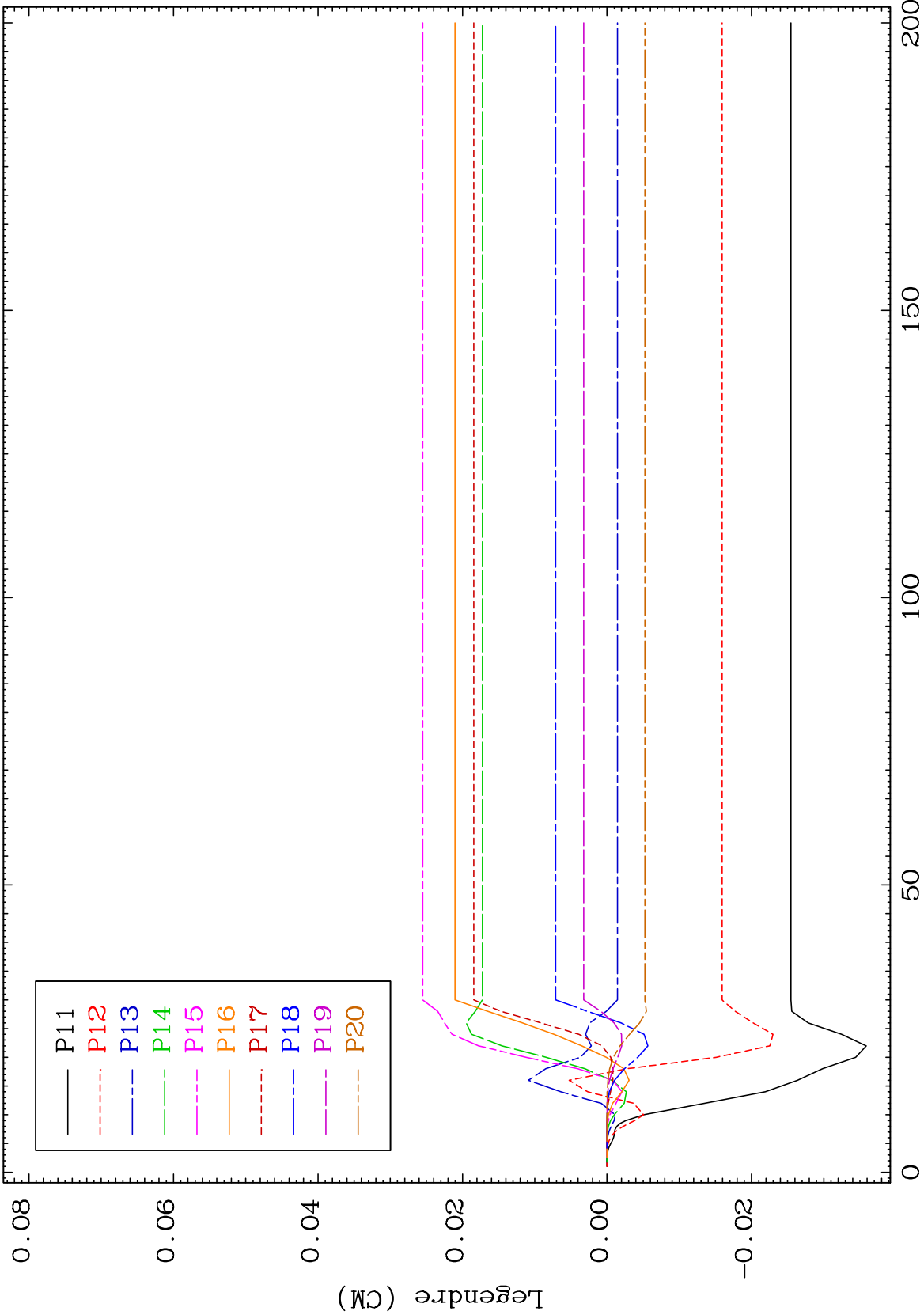




MAT 8280

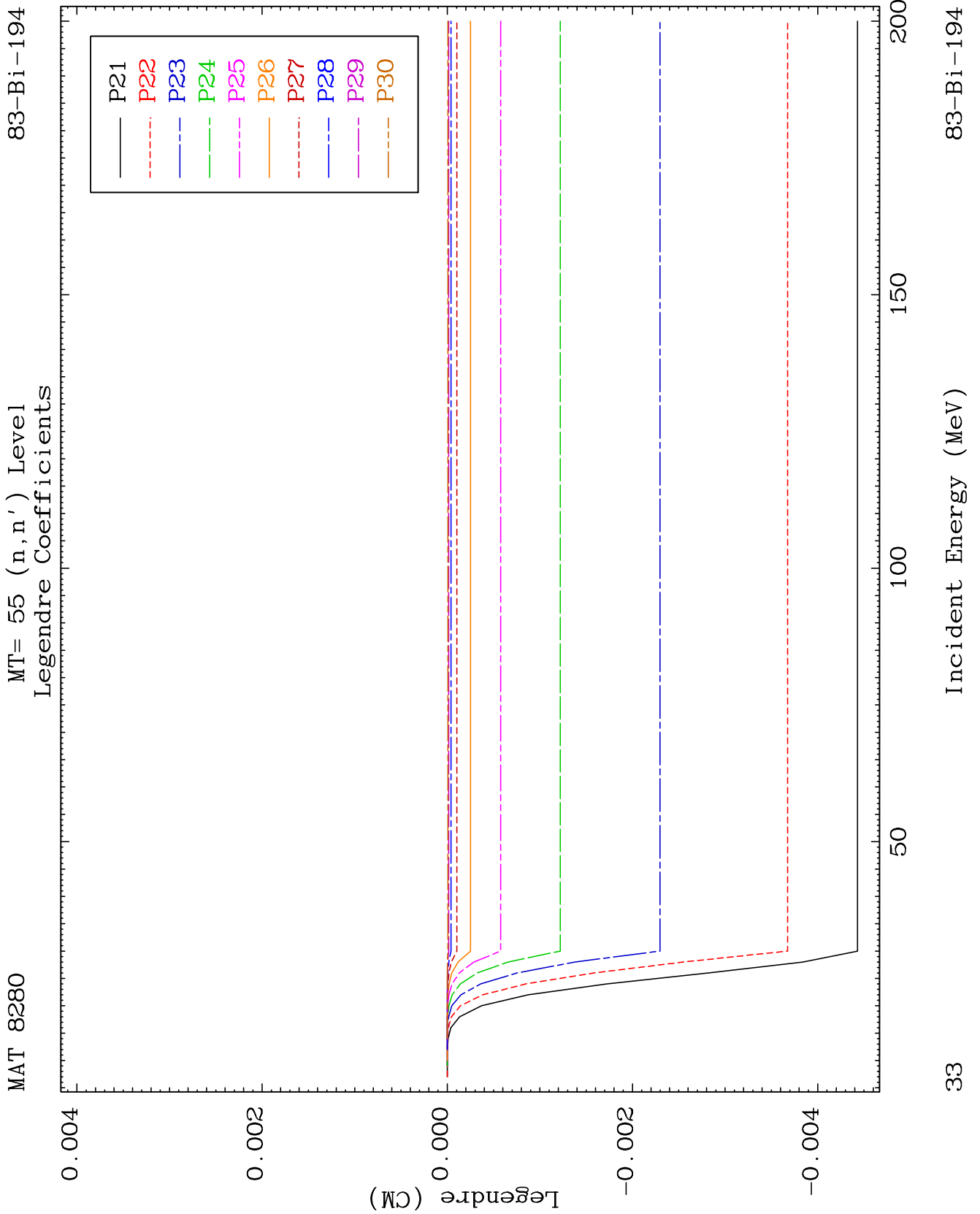
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Legendre Coefficients

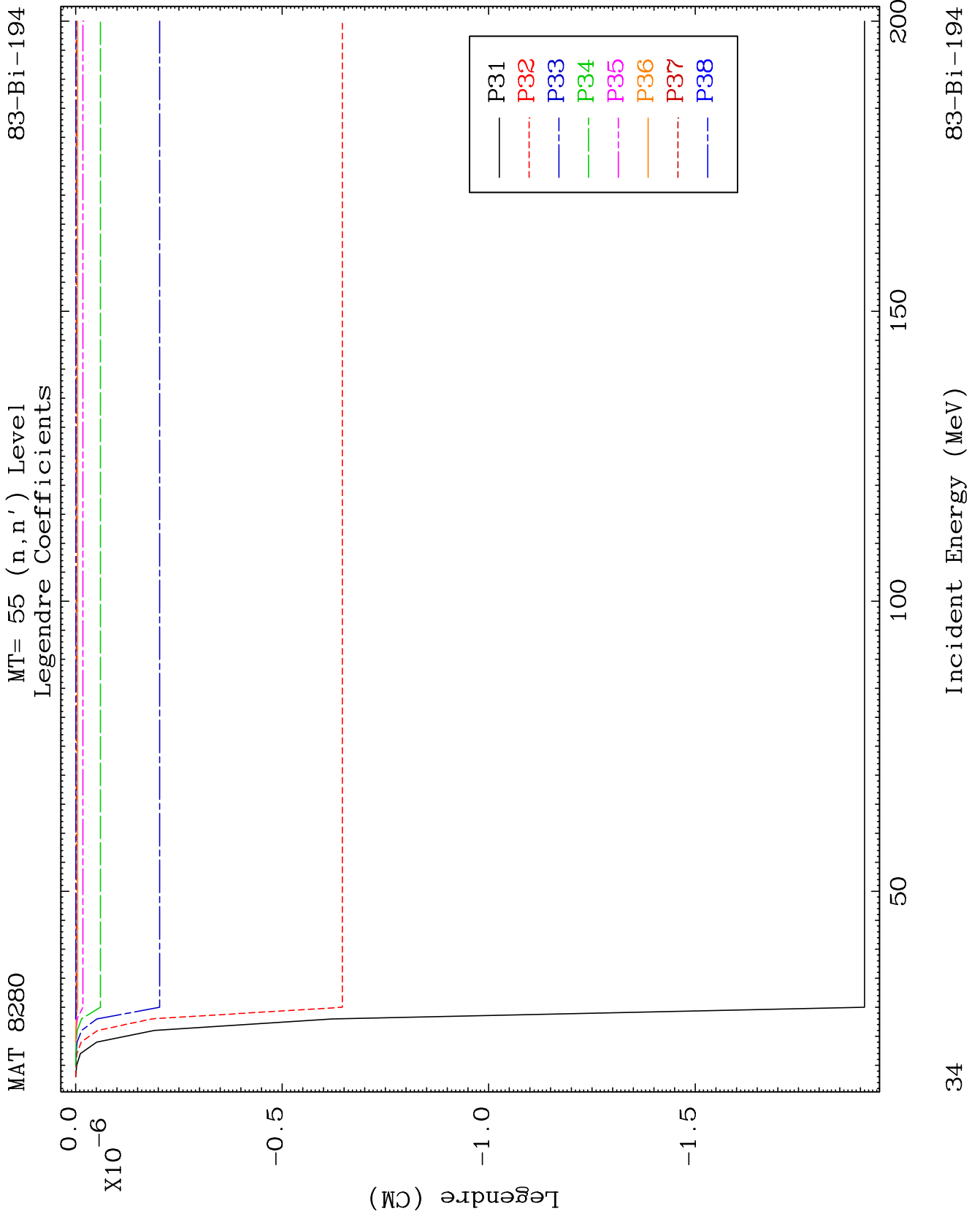
83-Bi-194



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83-Bi-194

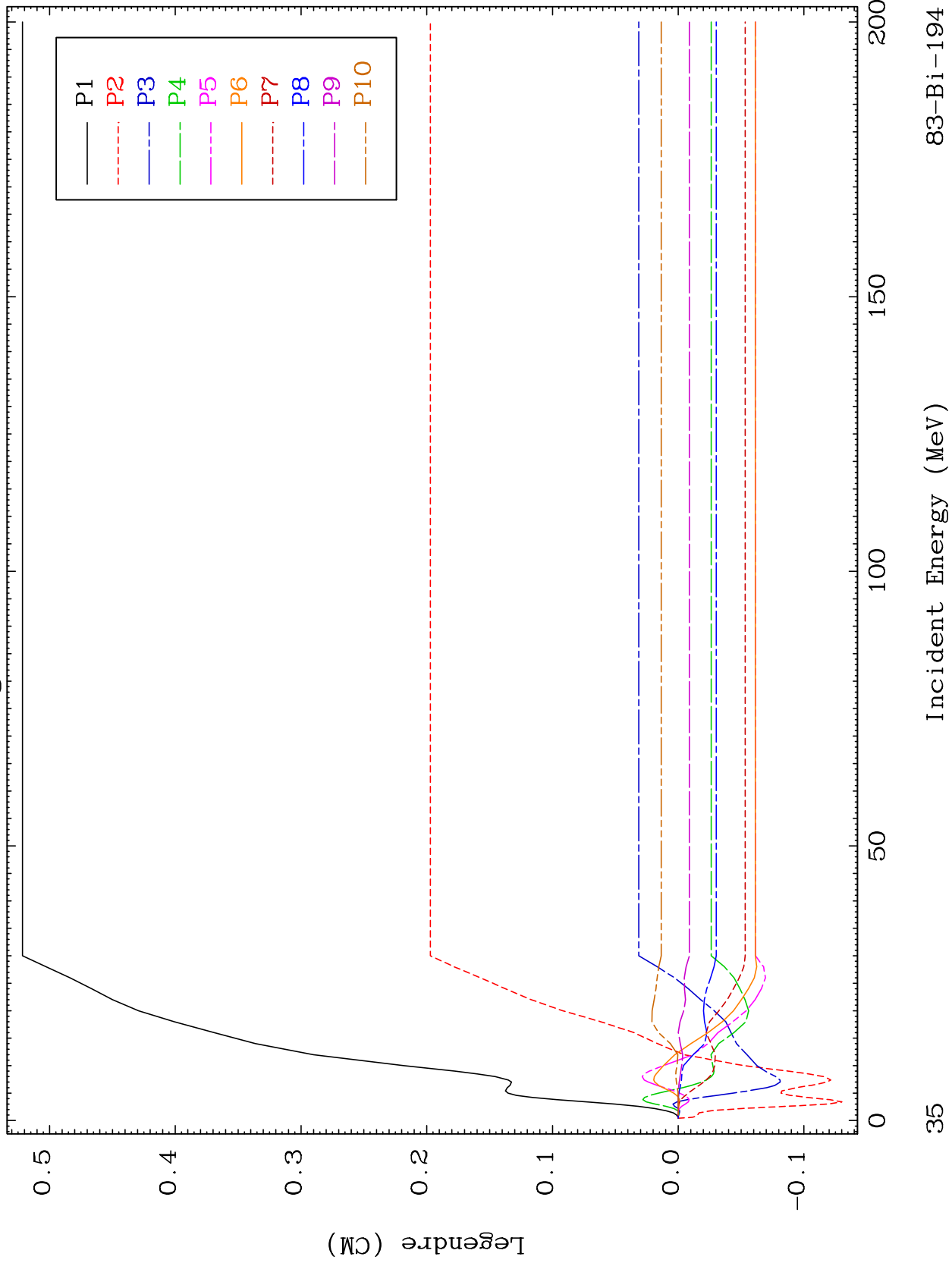




MAT 8280

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

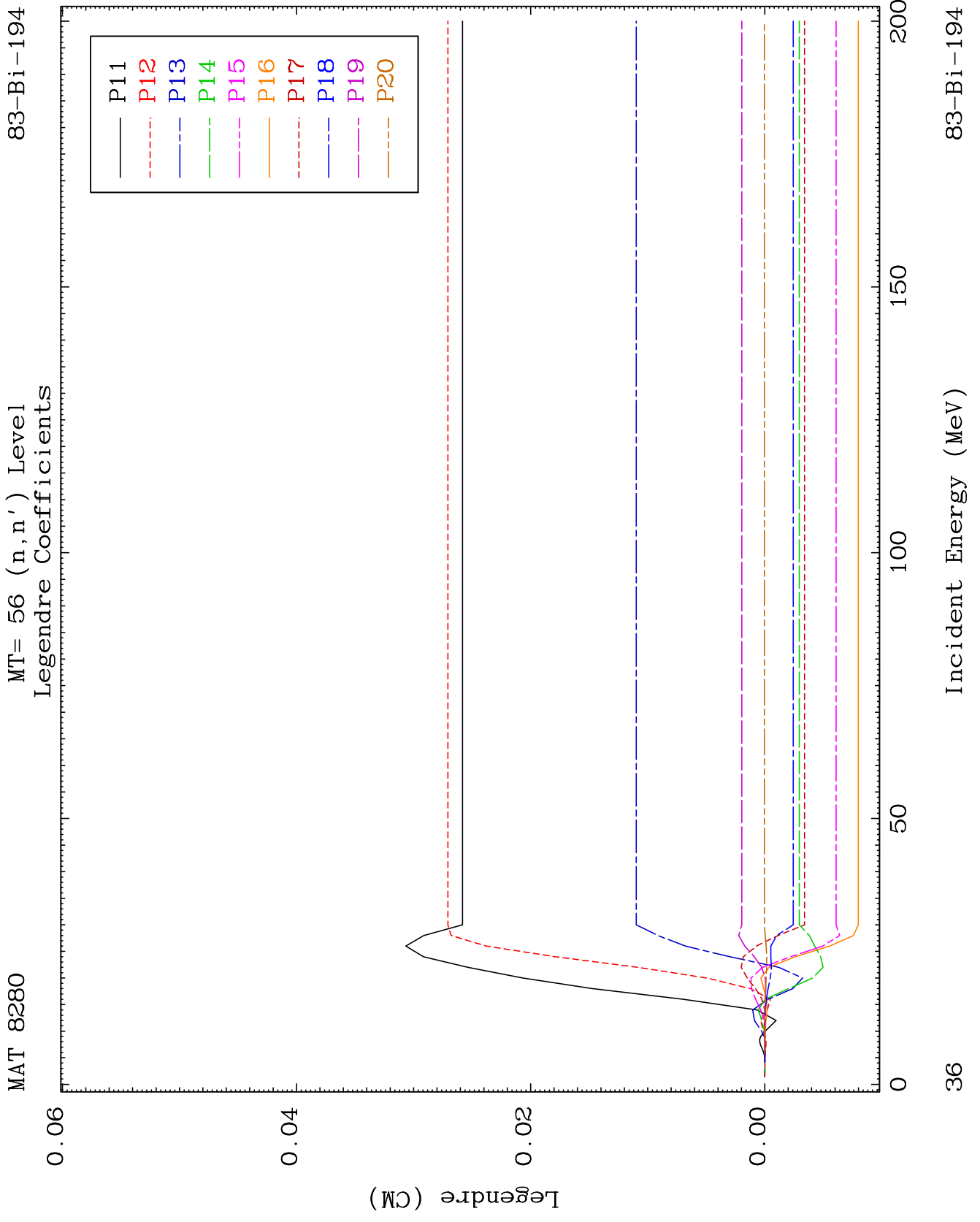
83-Bi-194



83-Bi-194

Incident Energy (MeV)

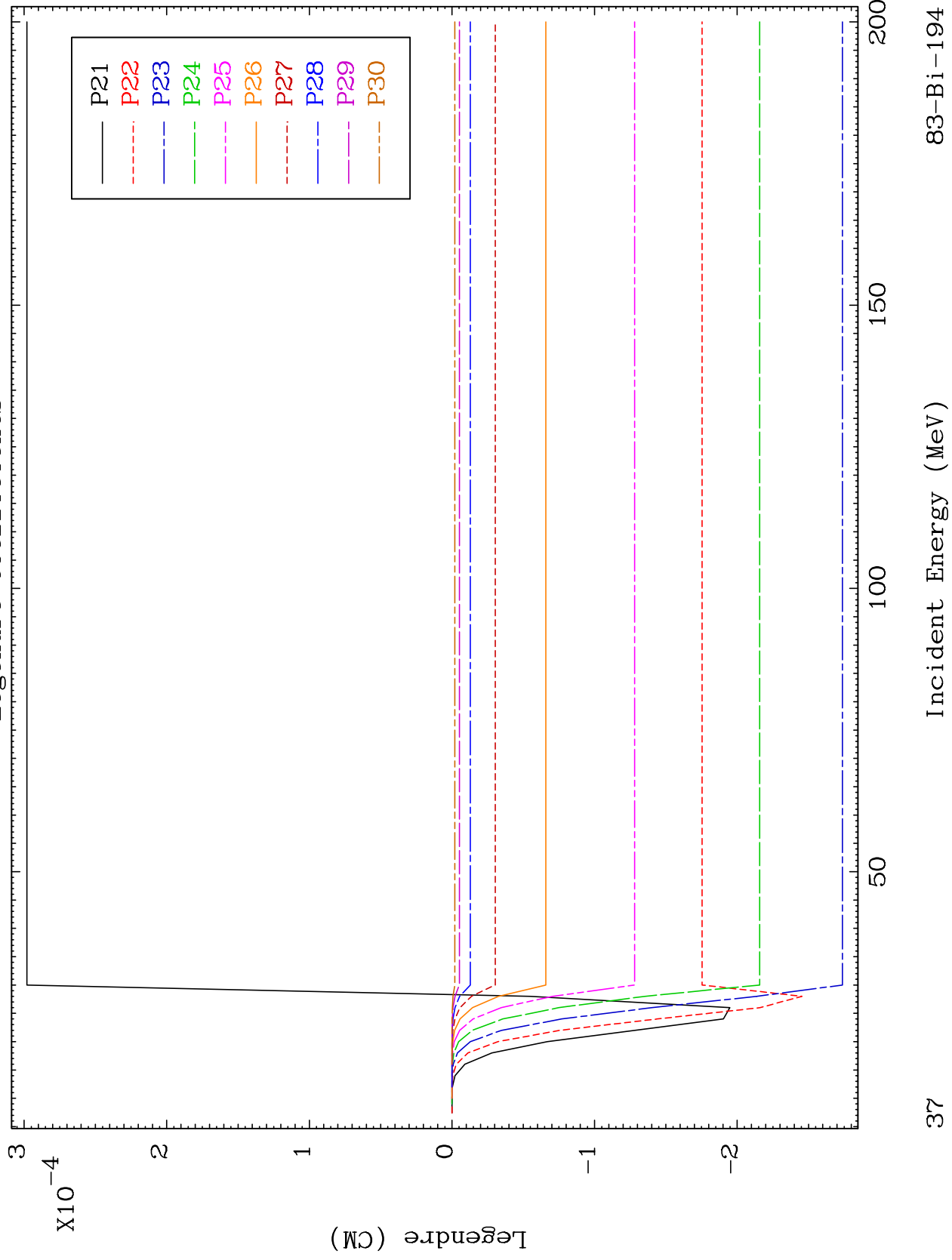
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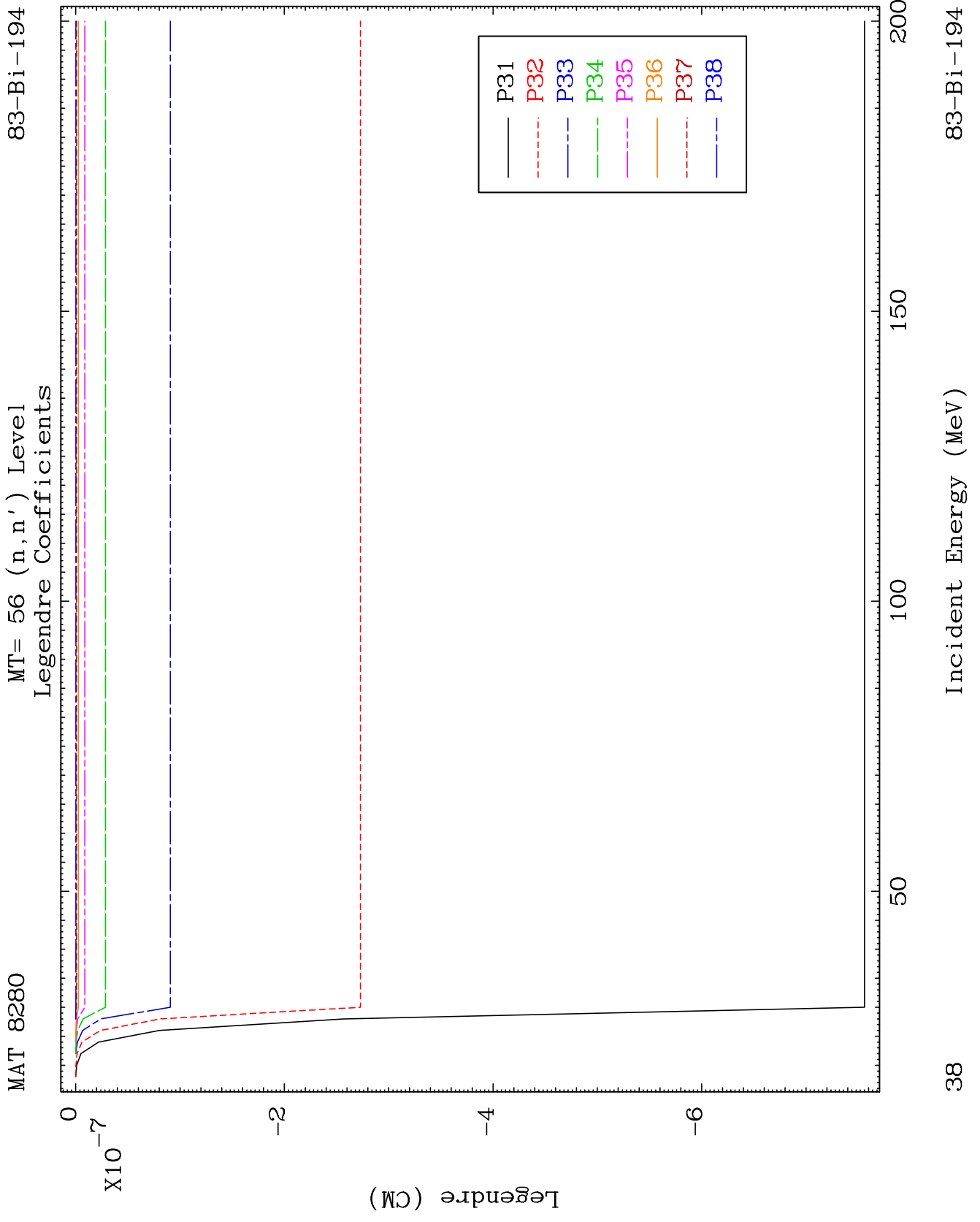


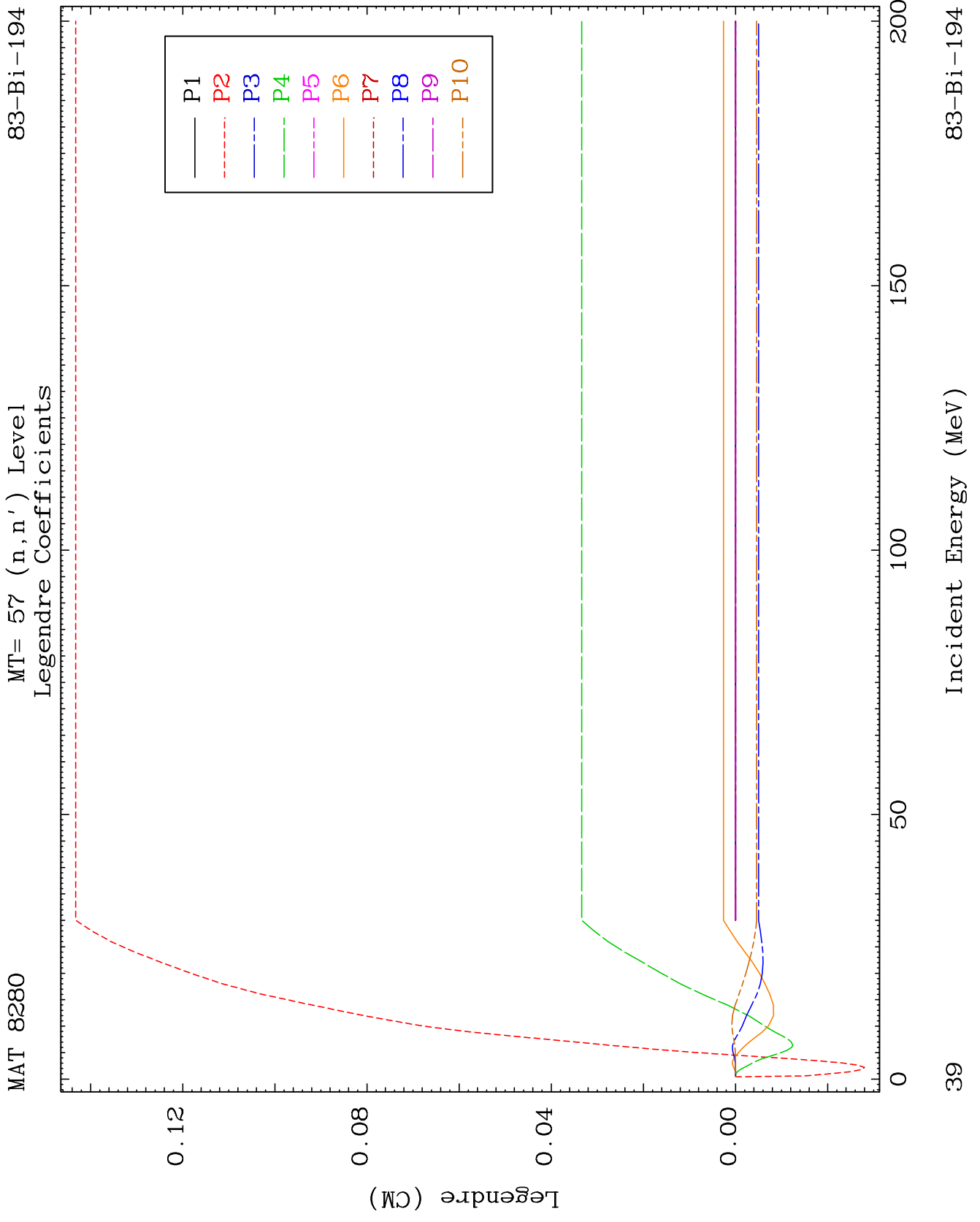
MAT 8280

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

83-Bi-194



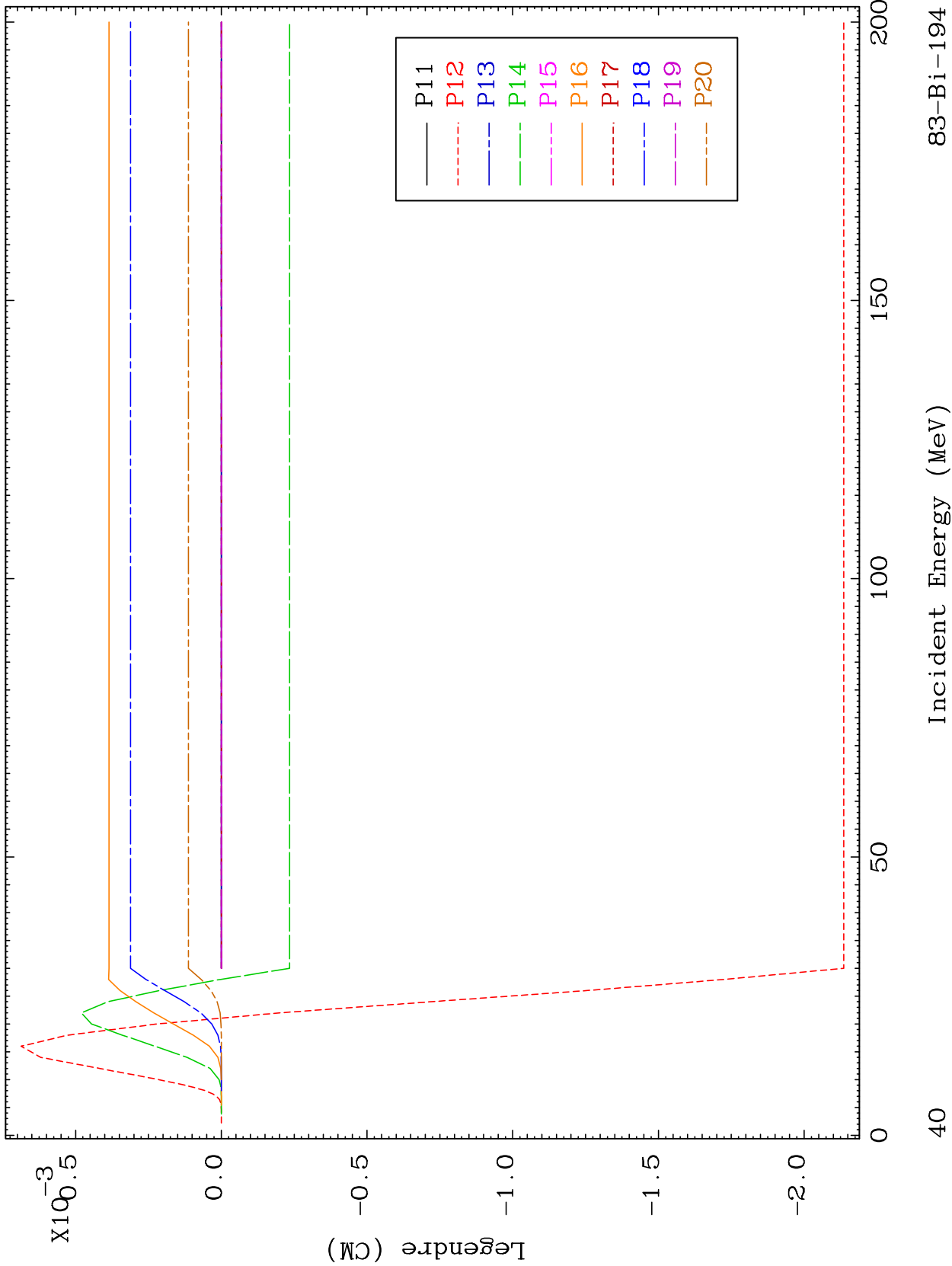




MAT 8280

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

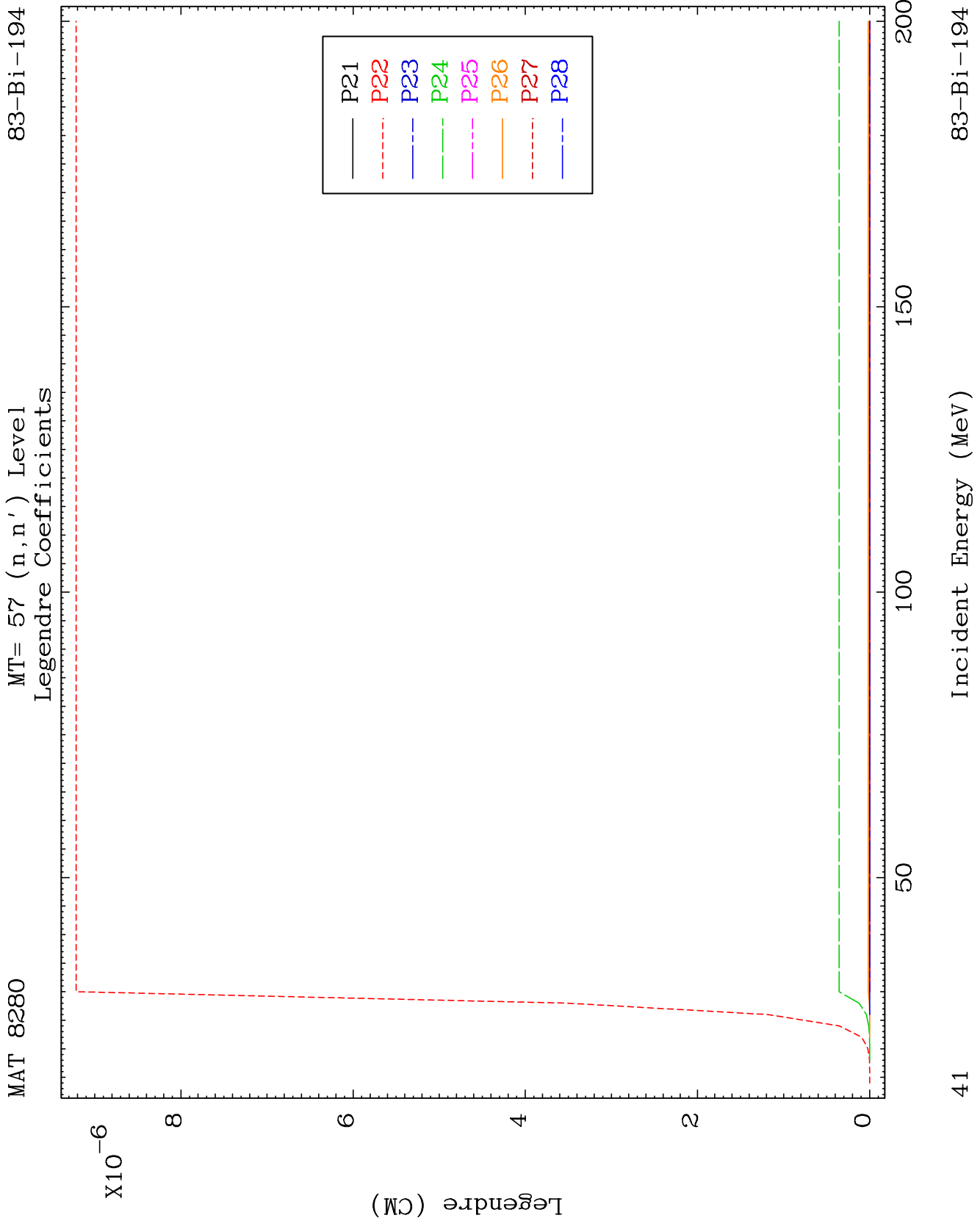
83-Bi-194



83-Bi-194

Incident Energy (MeV)

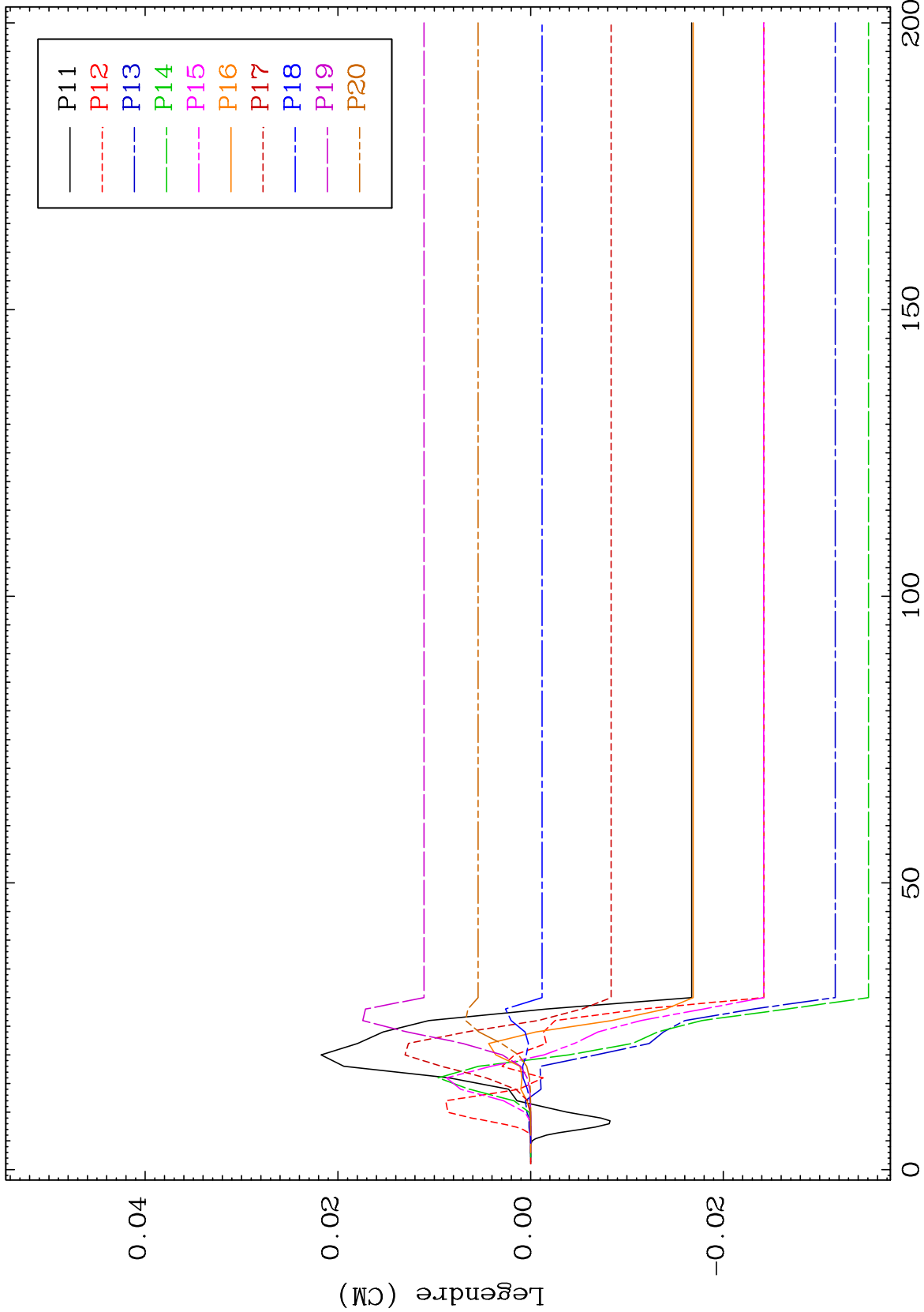
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MAT 8280

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

83-Bi-194



43

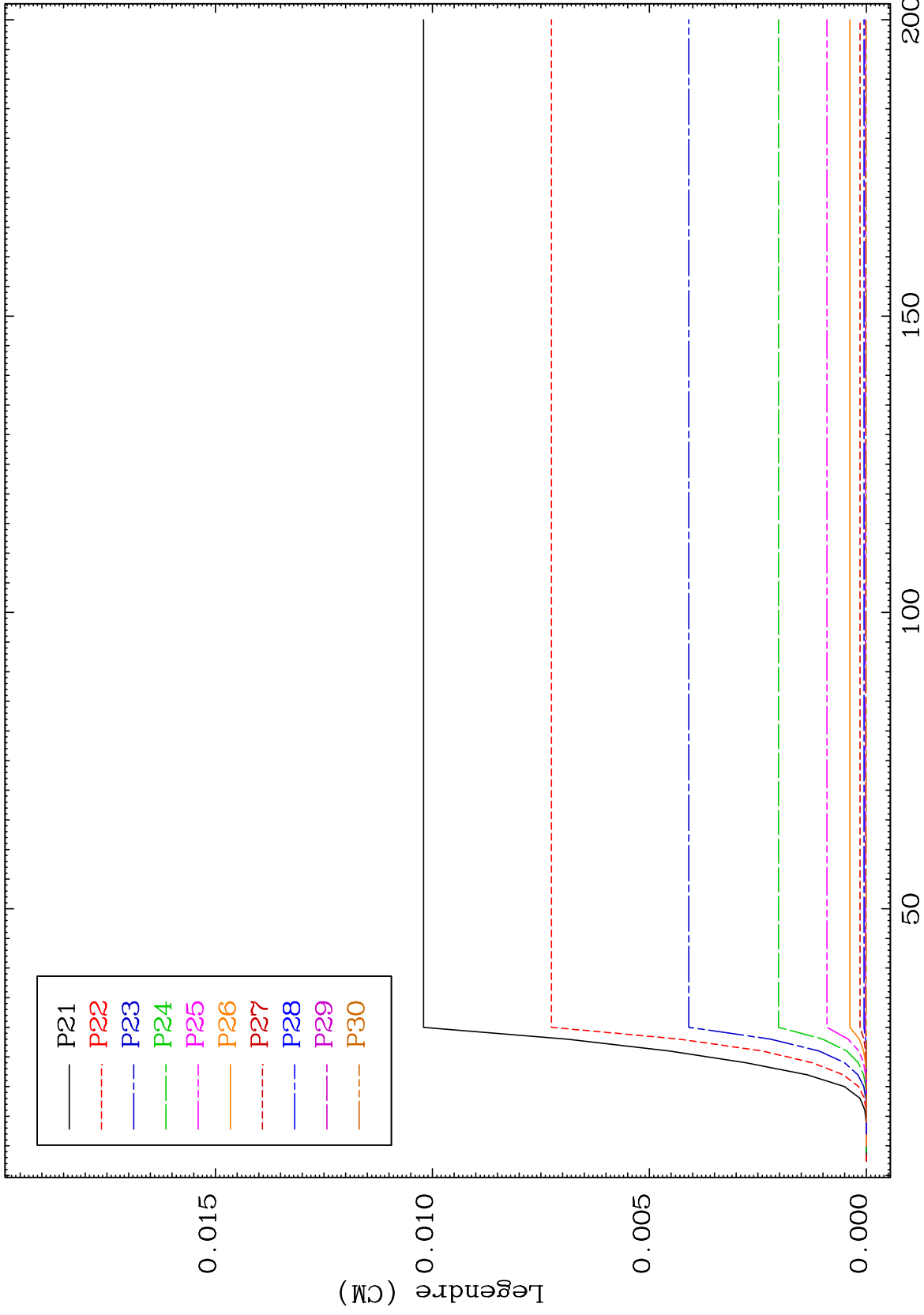
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



44

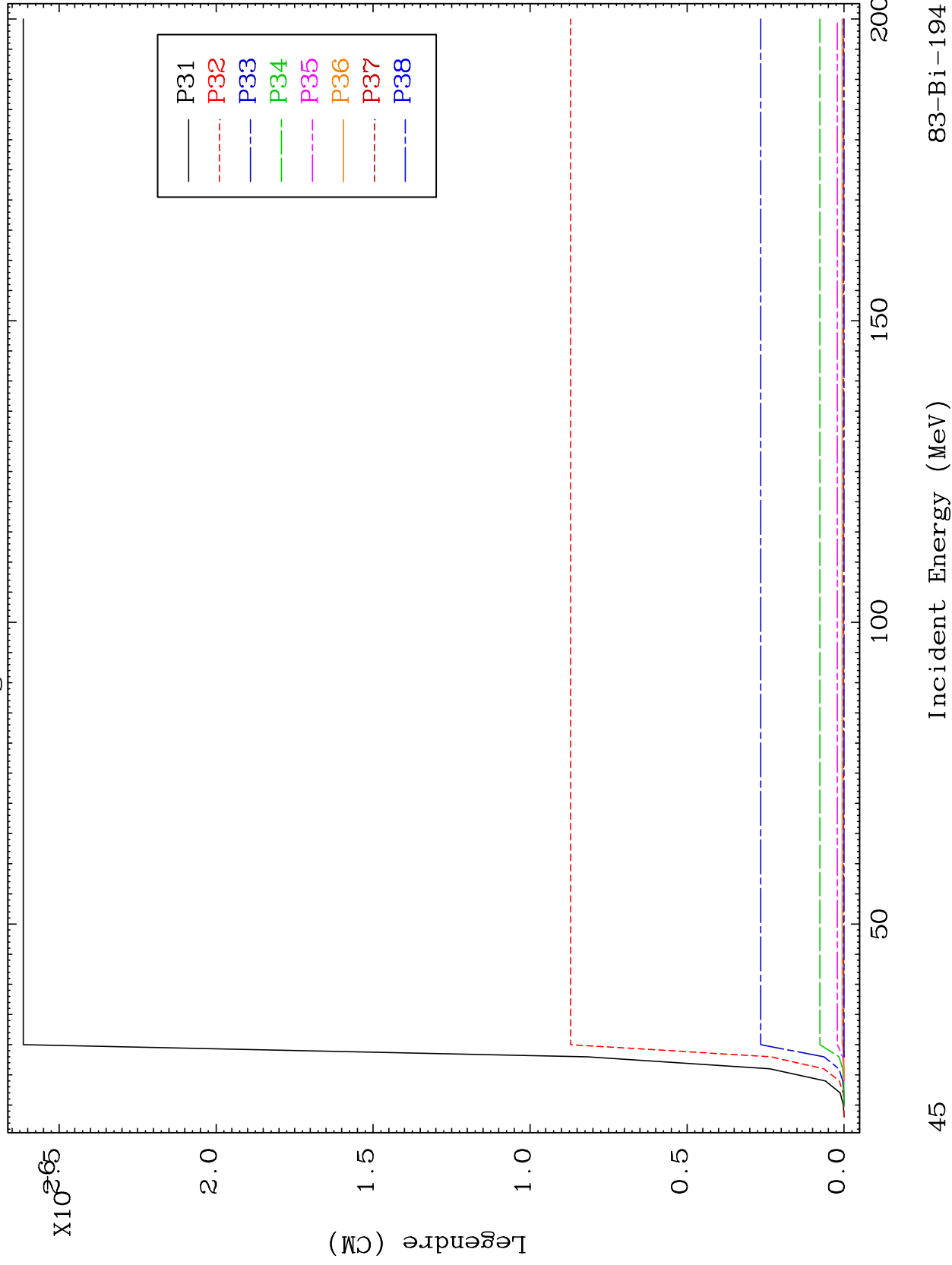
Incident Energy (MeV)

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MAT 8280

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

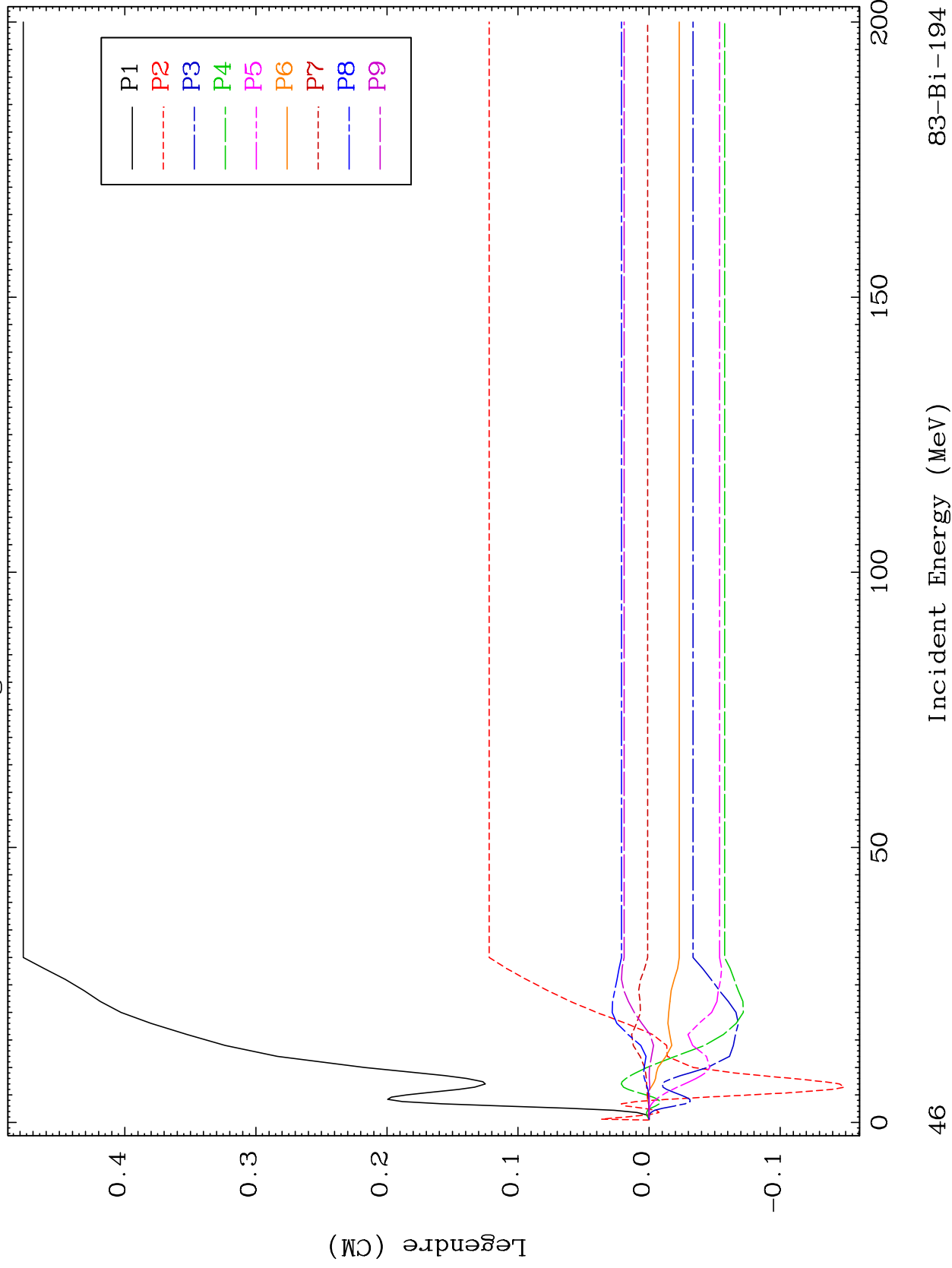
83-Bi-194



MAT 8280

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

83-Bi-194



83-Bi-194

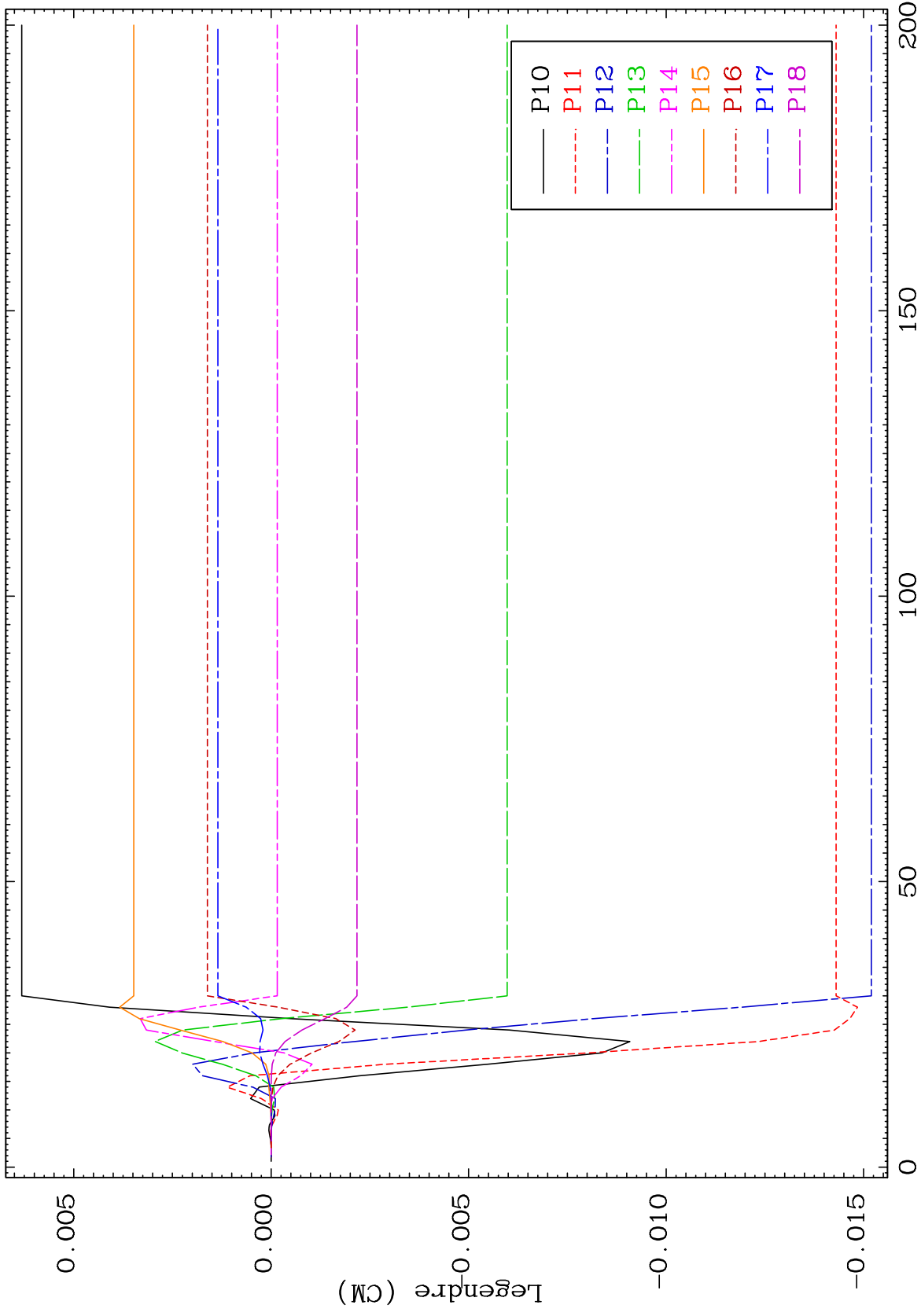
Incident Energy (MeV)

46

MAT 8280

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

83-Bi-194



47

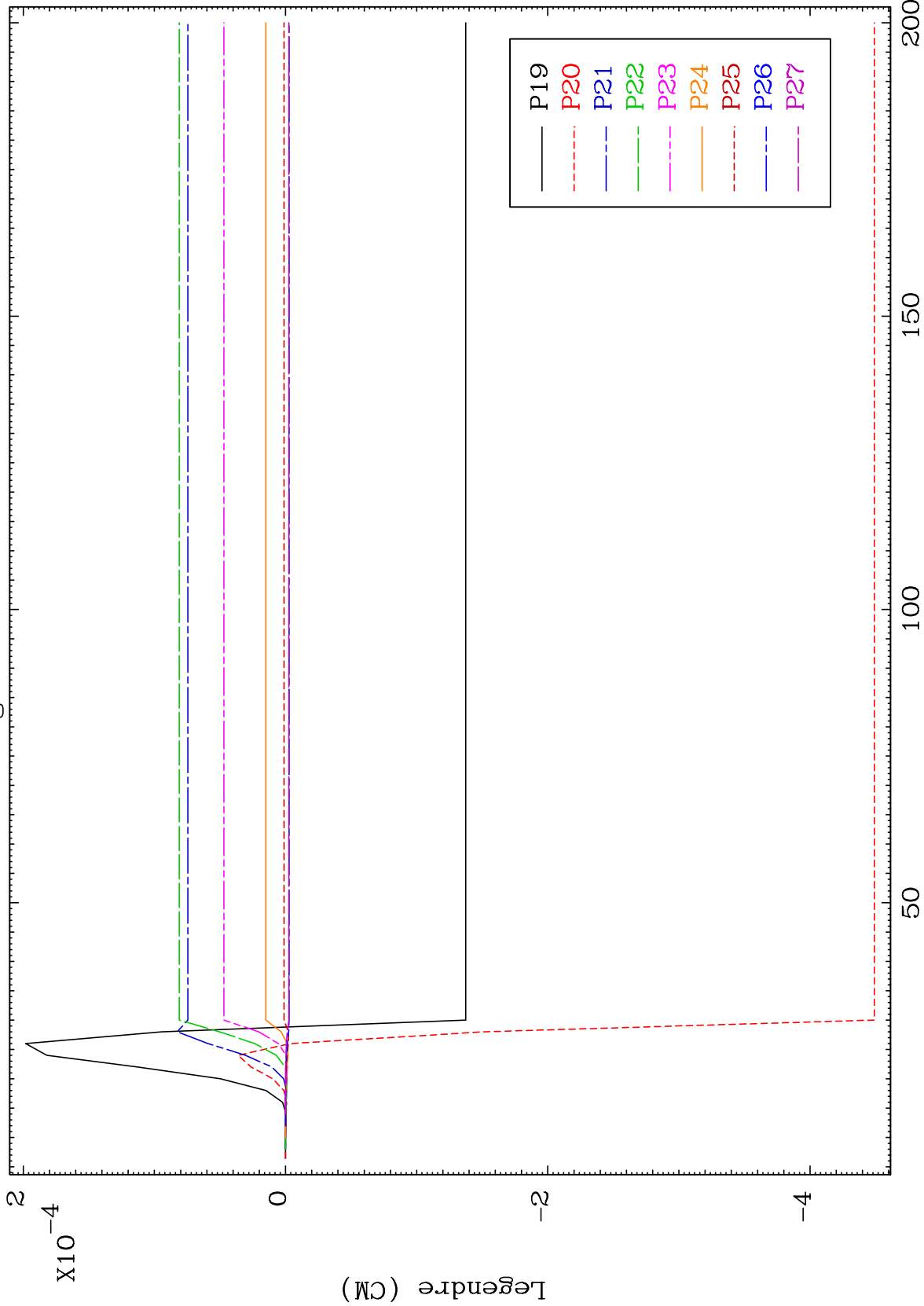
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

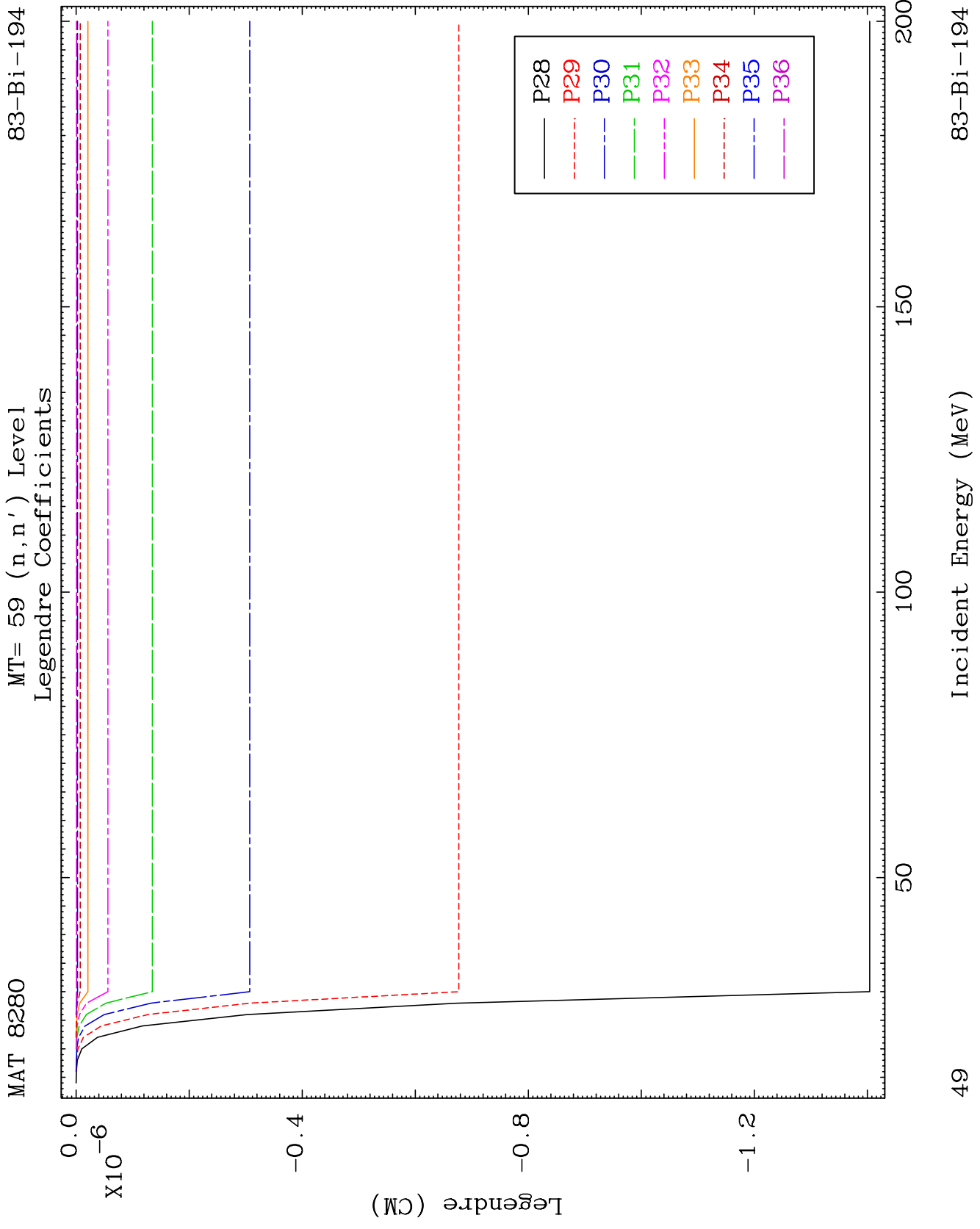
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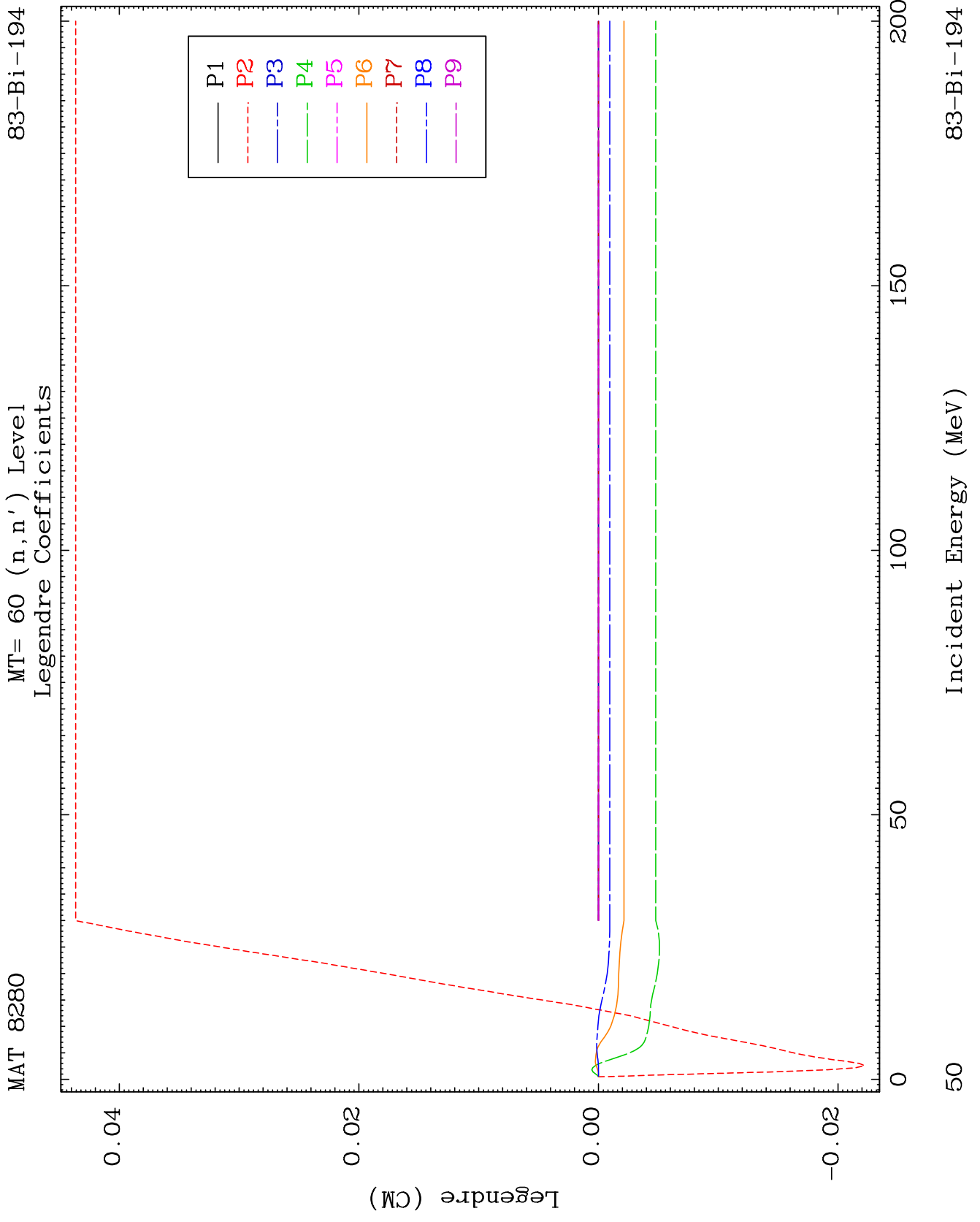


48

Incident Energy (MeV)

83-Bi-194

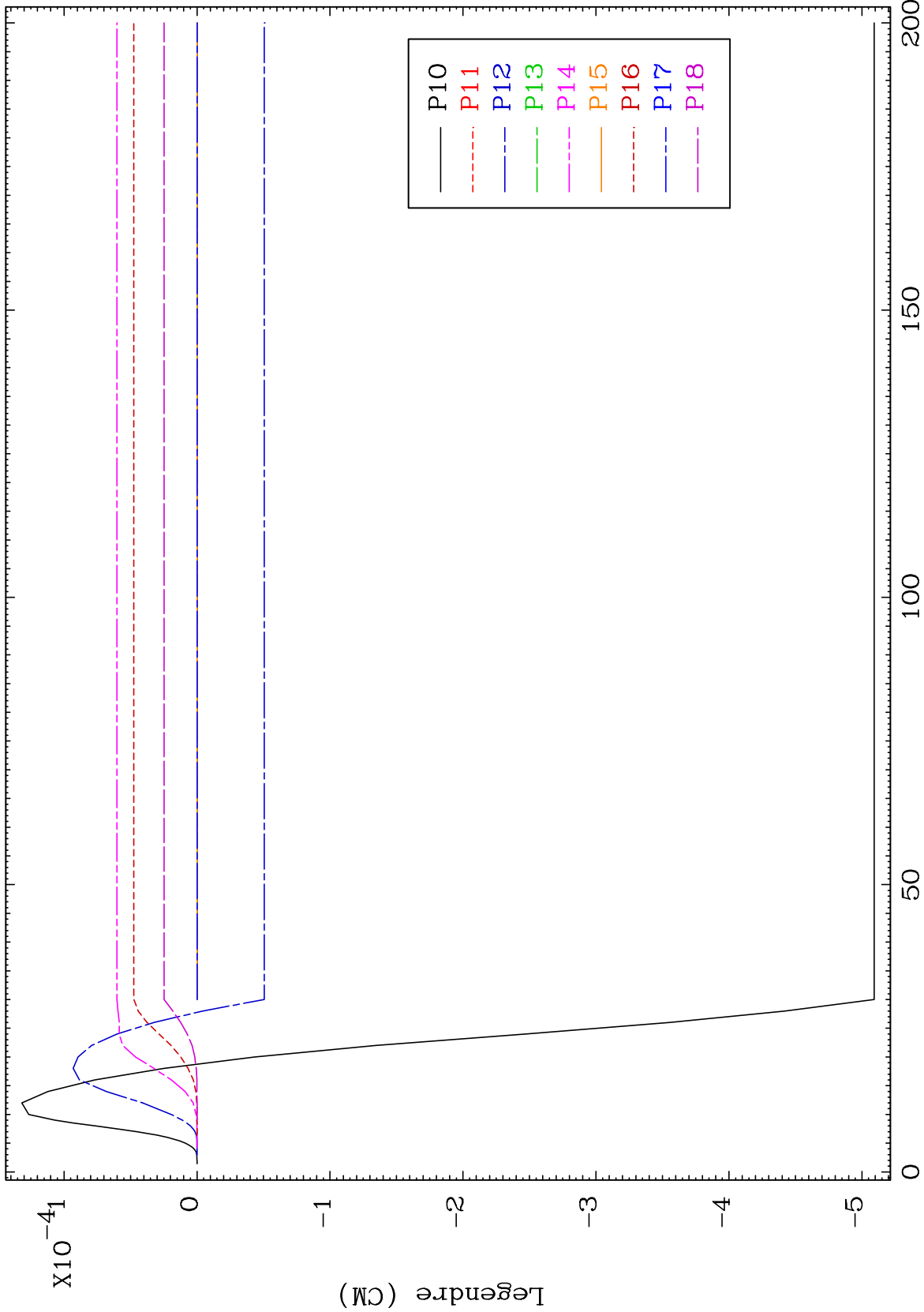




MAT 8280

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

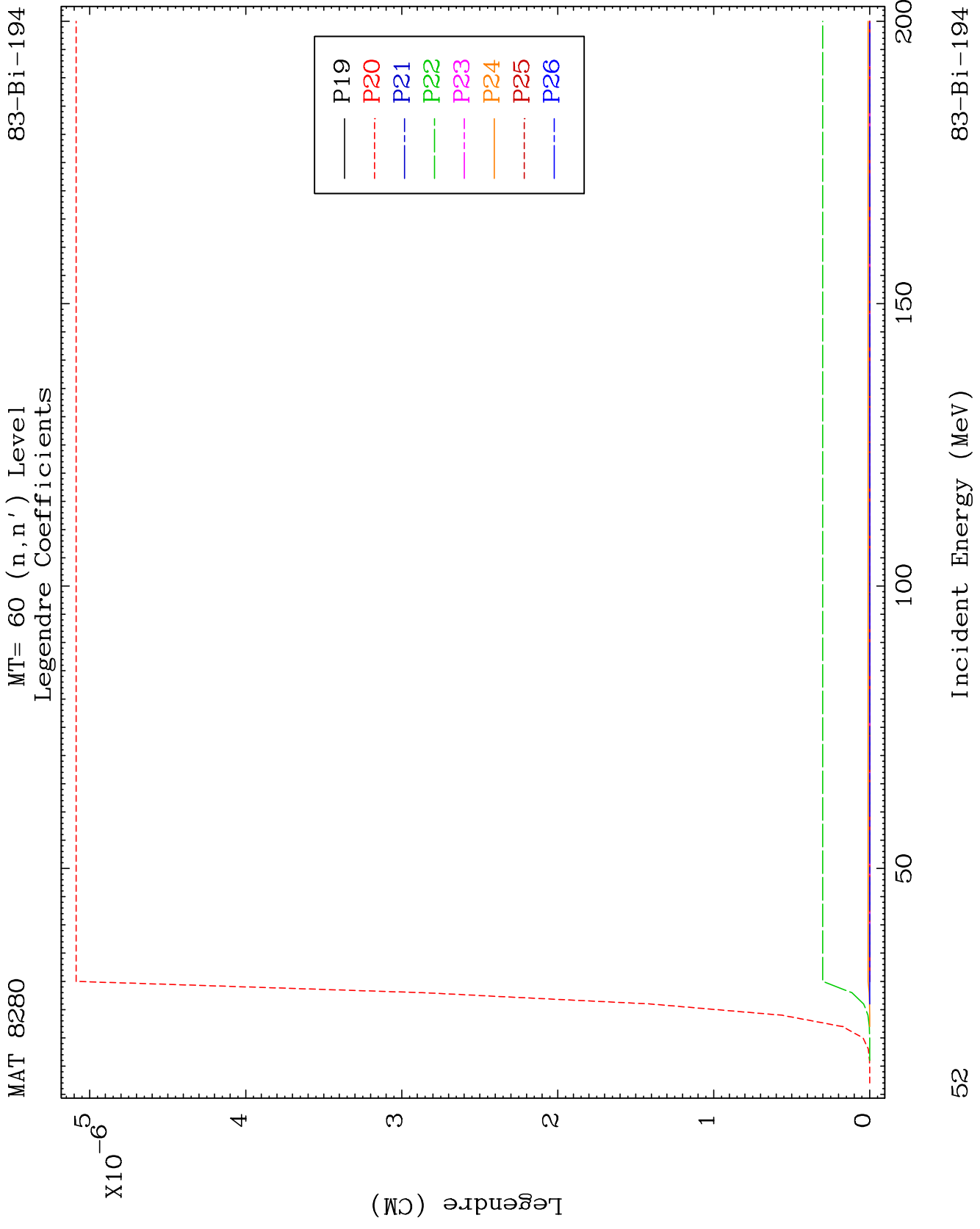
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51

Incident Energy (MeV)

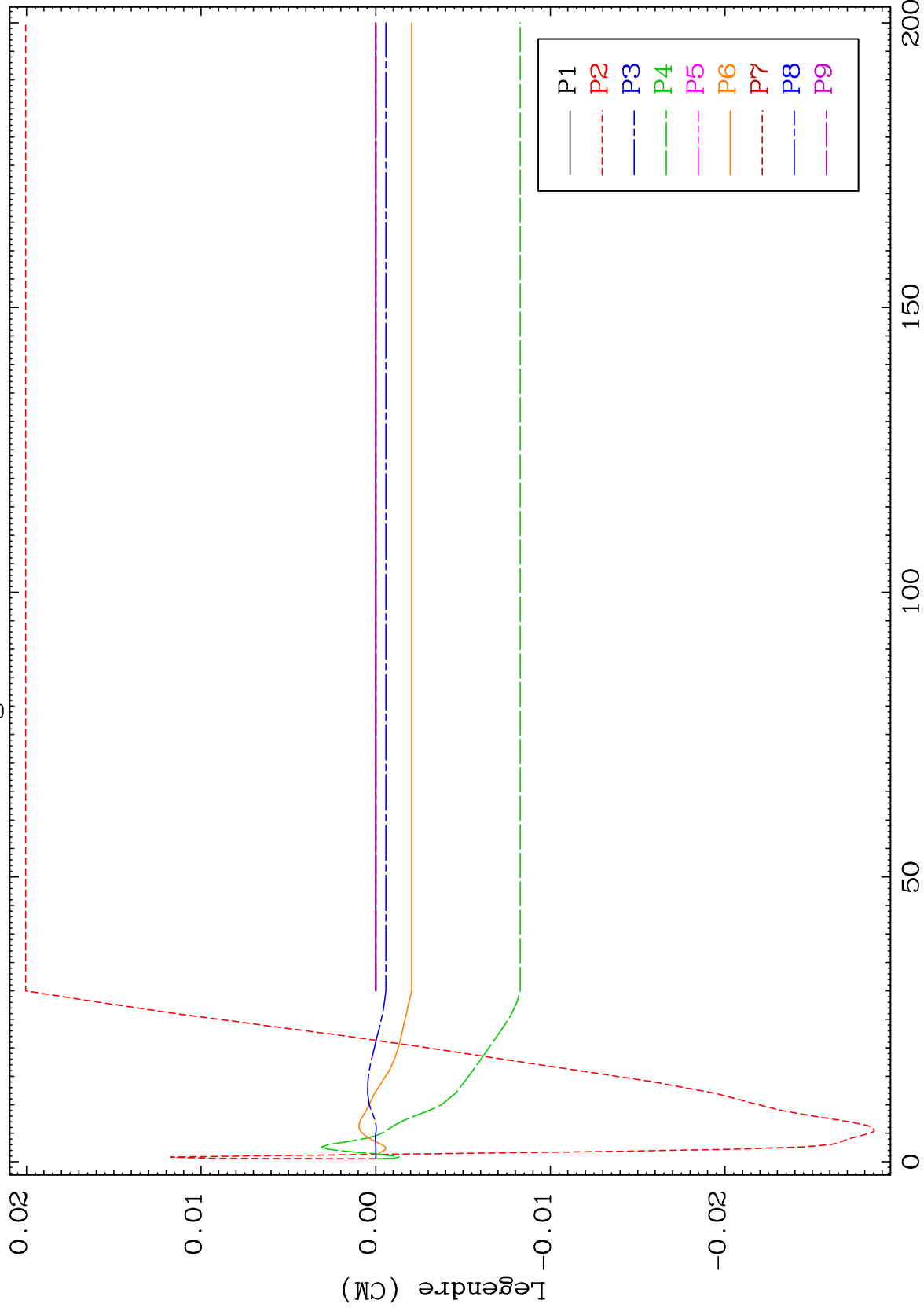
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MAT 8280

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

83-Bi-194



53

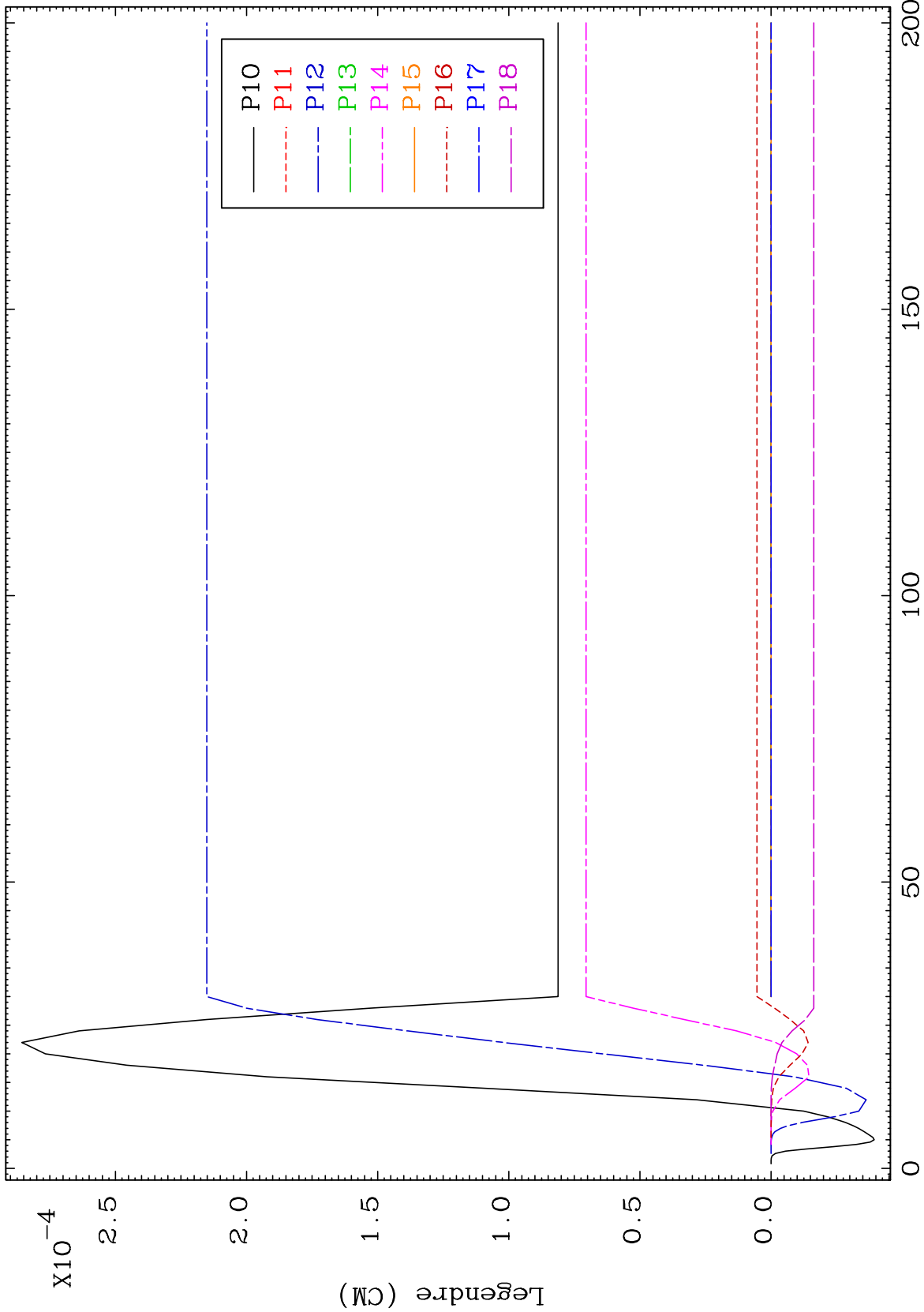
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



54

83-Bi-194

MAT 8280

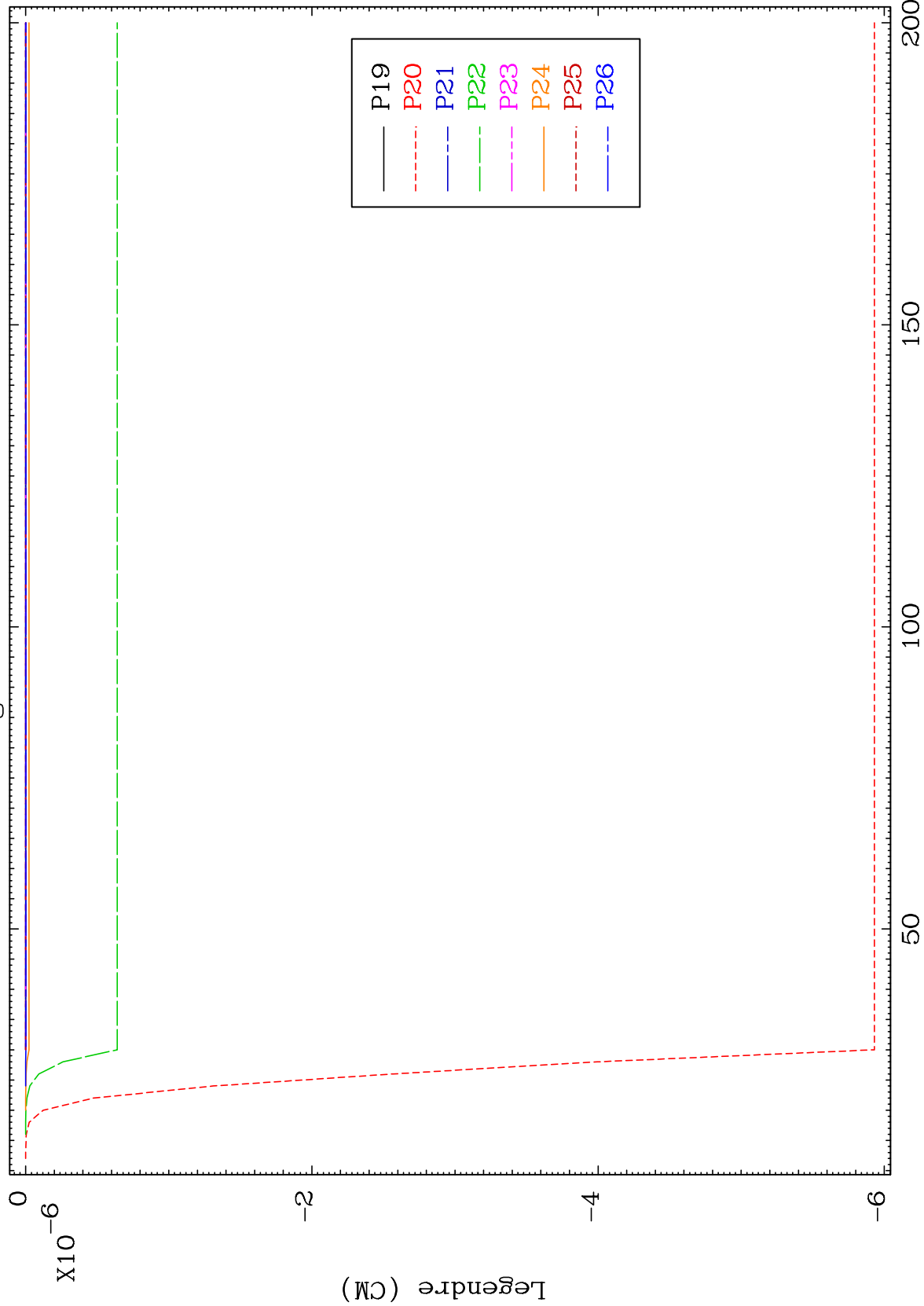
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Legendre Coefficients

83-Bi-194

83-Bi-194

Incident Energy (MeV)

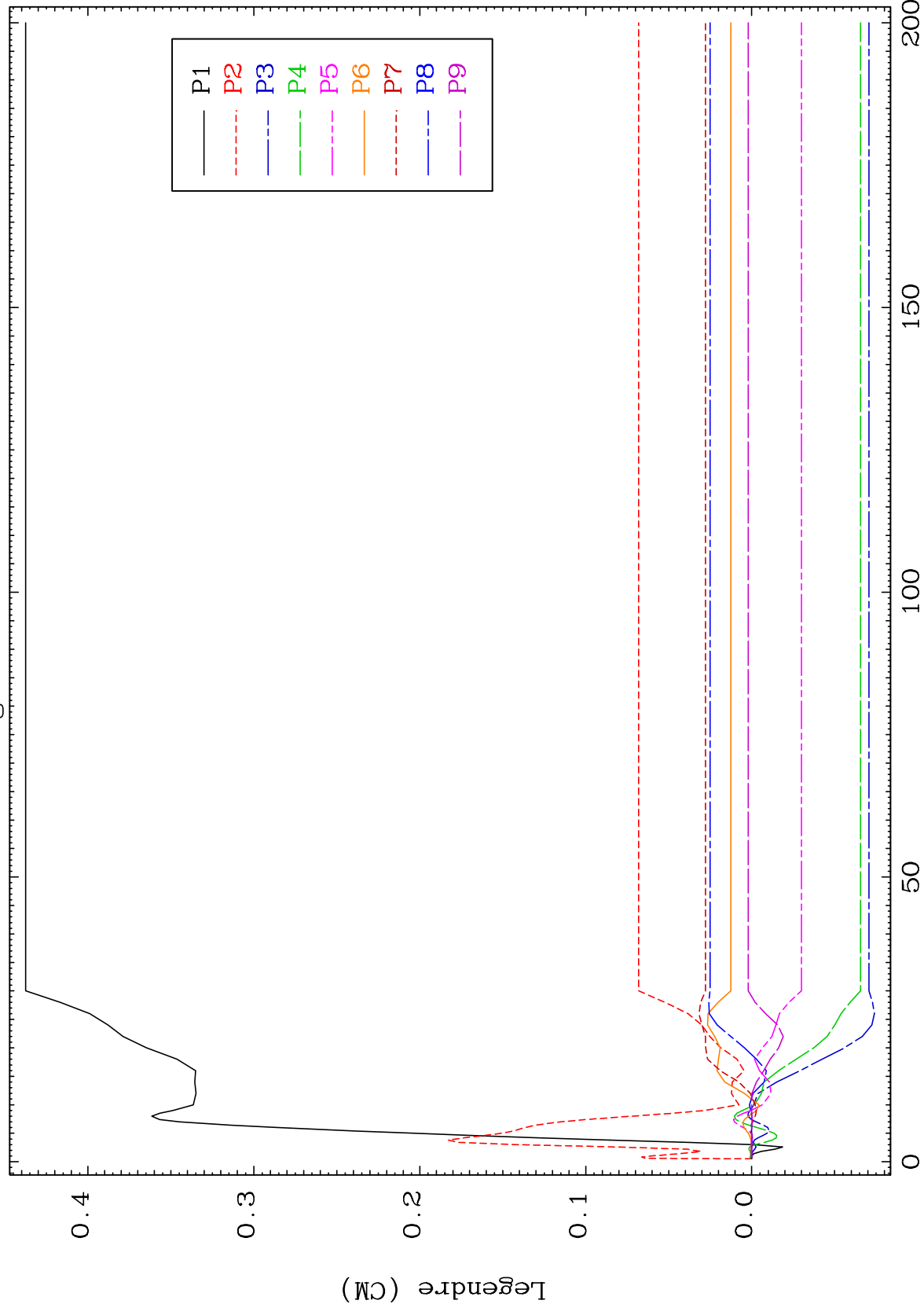
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MAT 8280

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

83-Bi-194



56

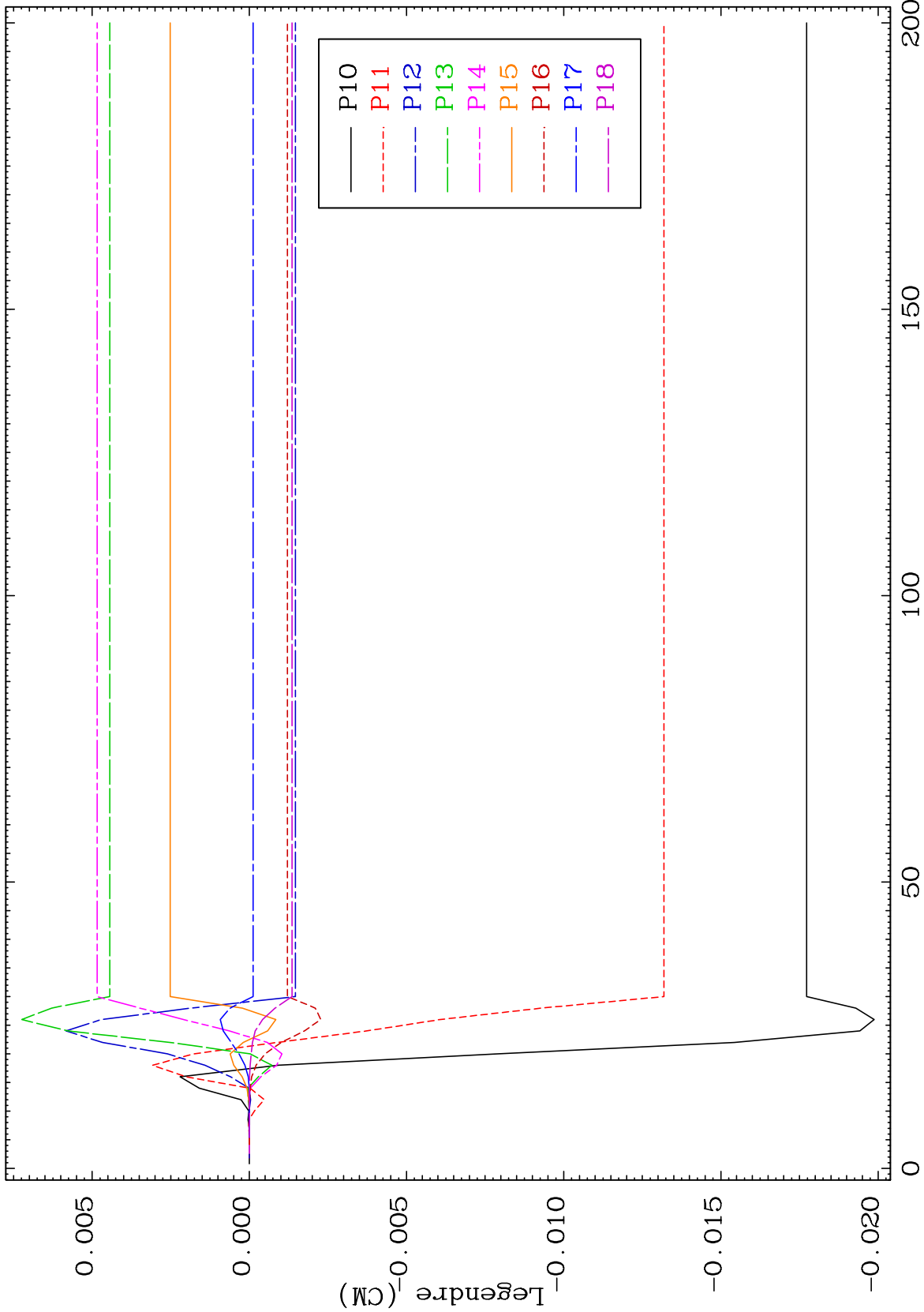
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

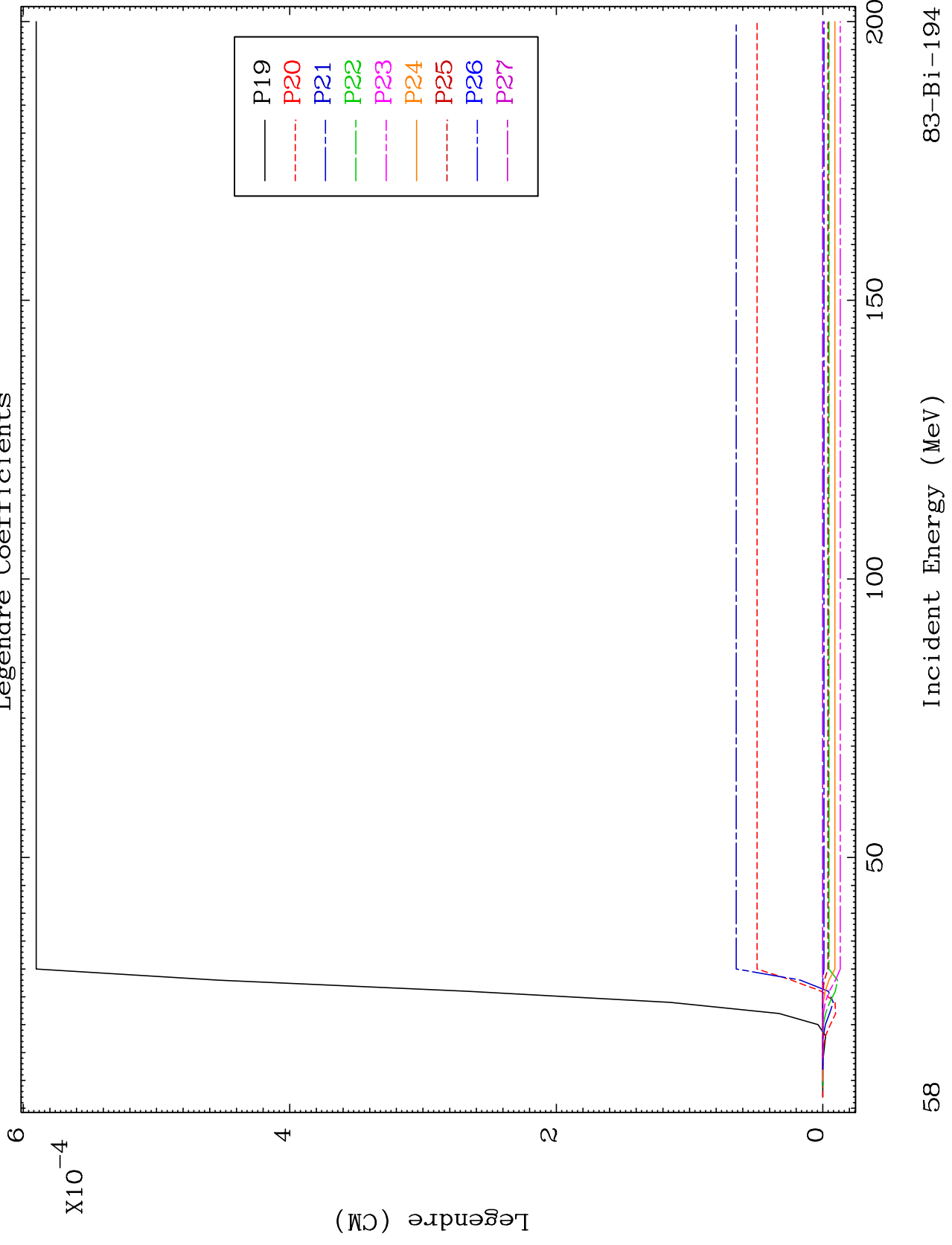
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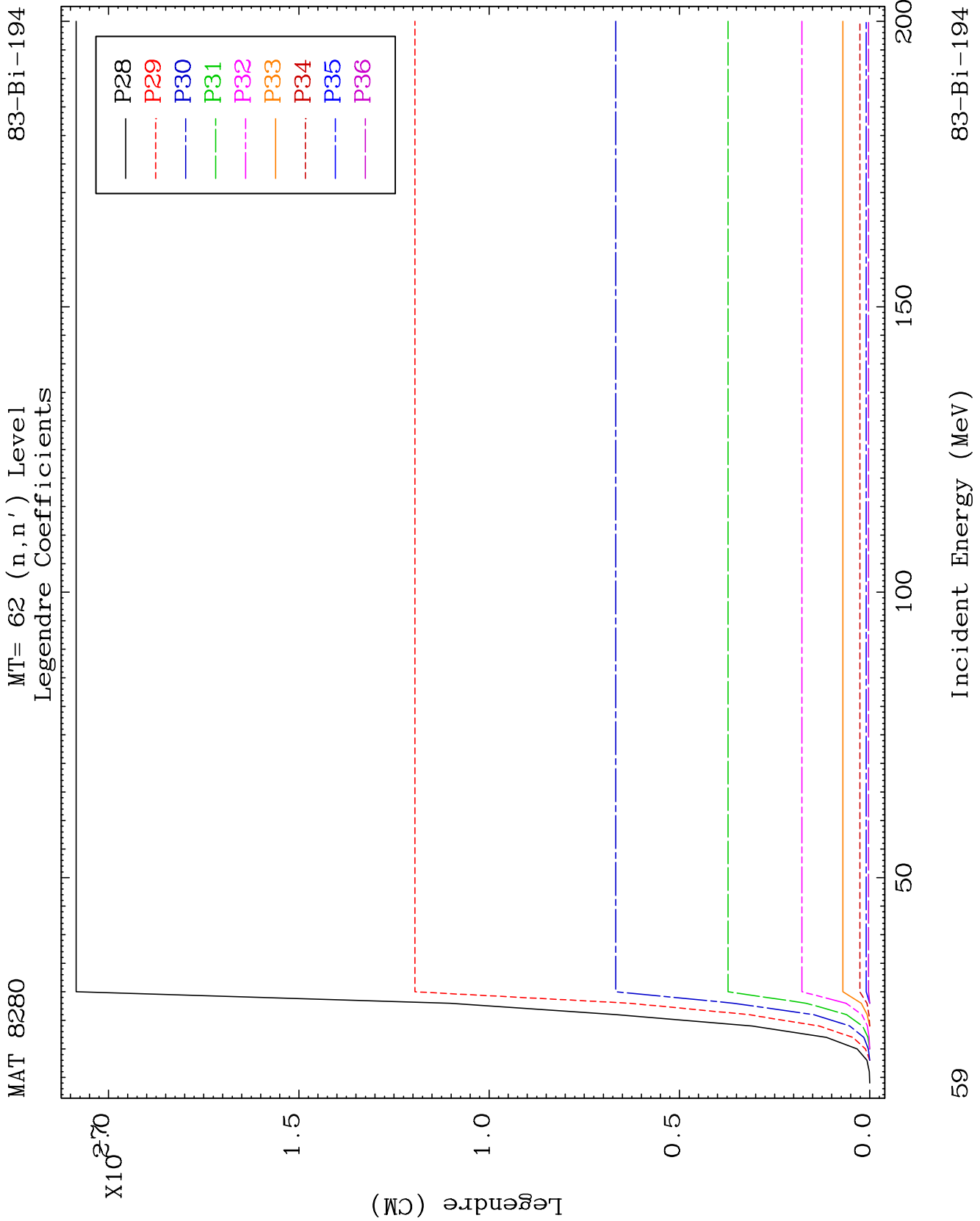
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Legendre Coefficients

83-Bi-194



58

83-Bi-194

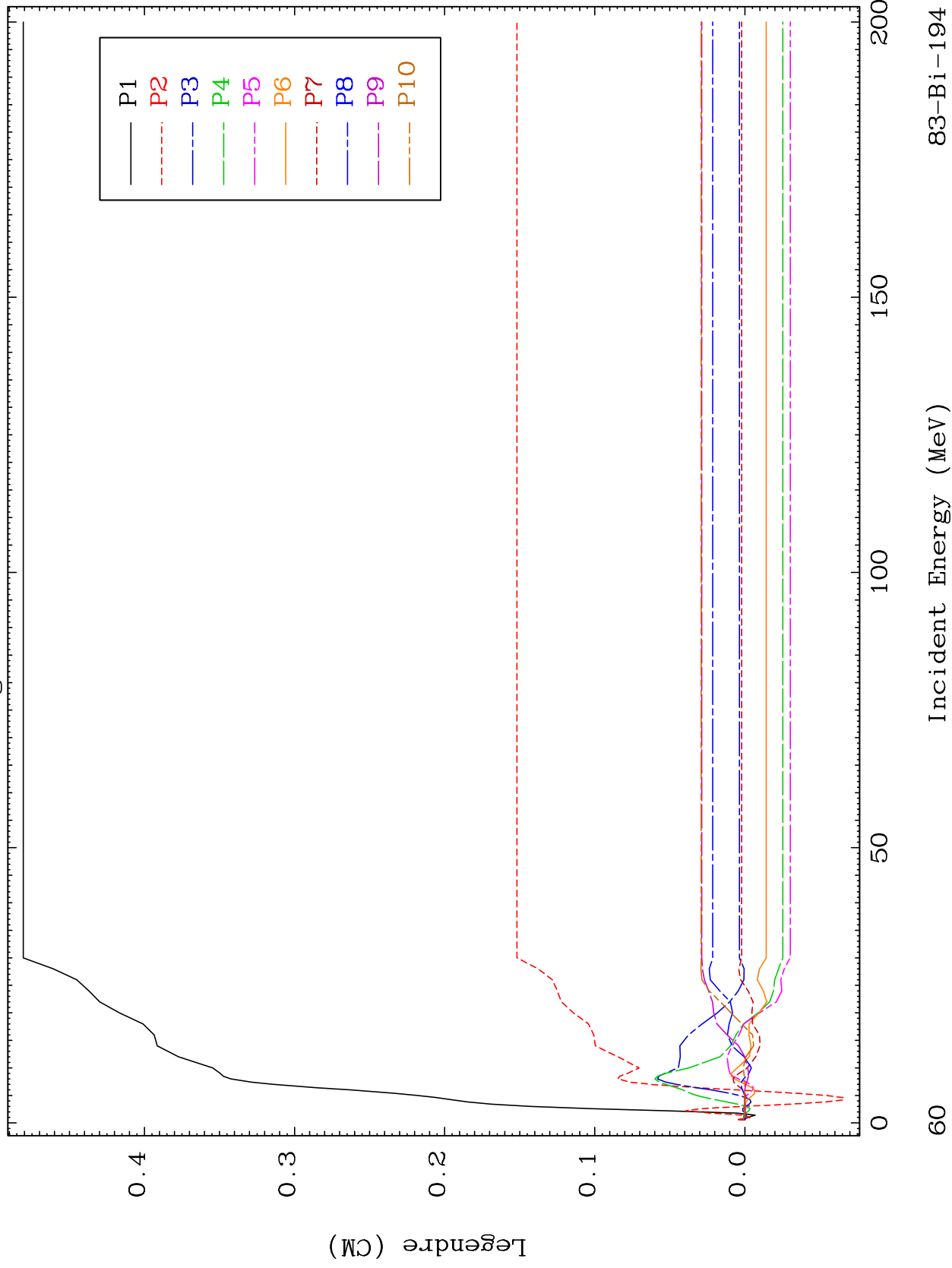


MAT 8280

MT= 63 (n,n') Level

Legendre Coefficients

83-Bi-194



83-Bi-194

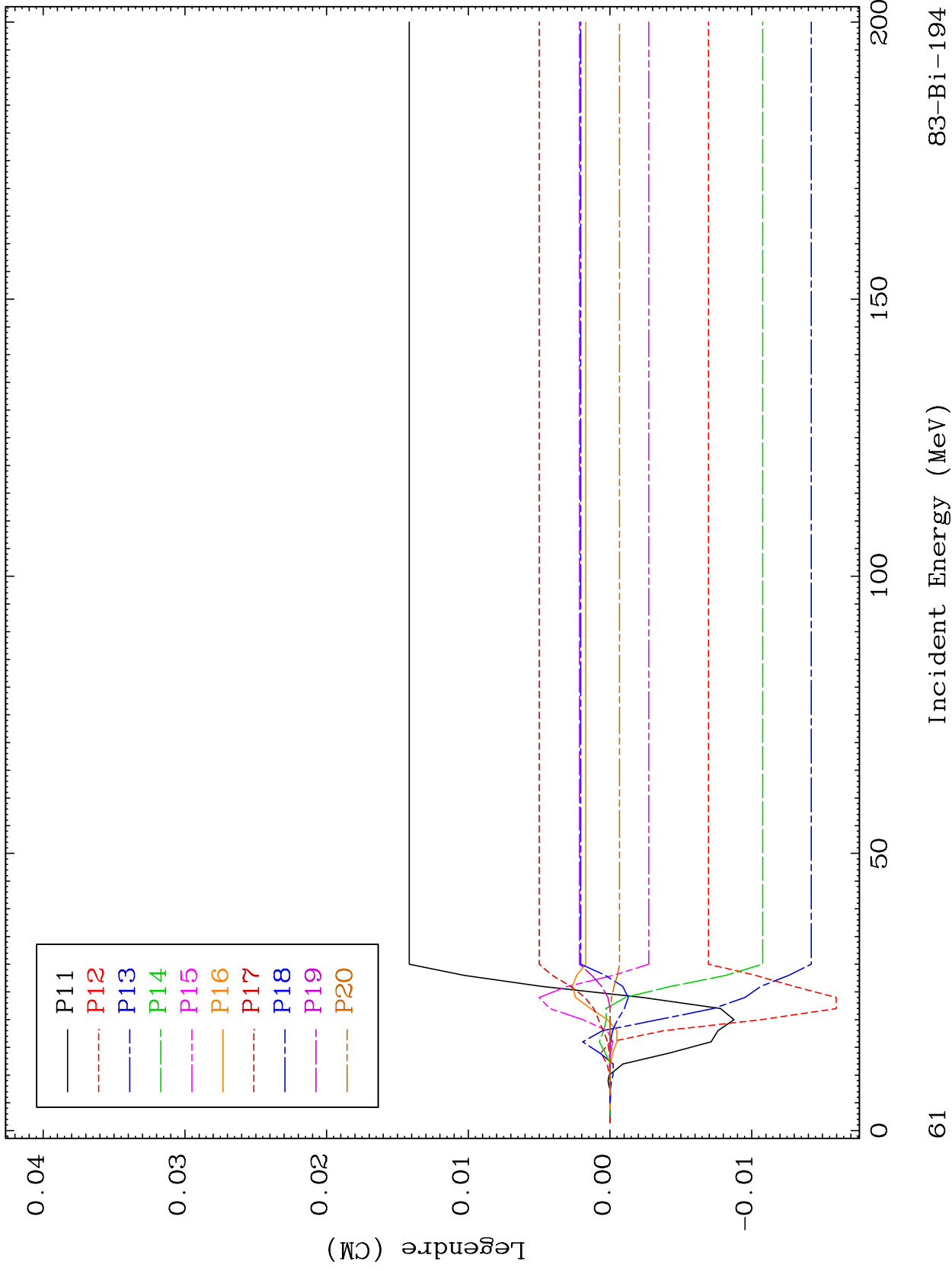
Incident Energy (MeV)

60

MAT 8280

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

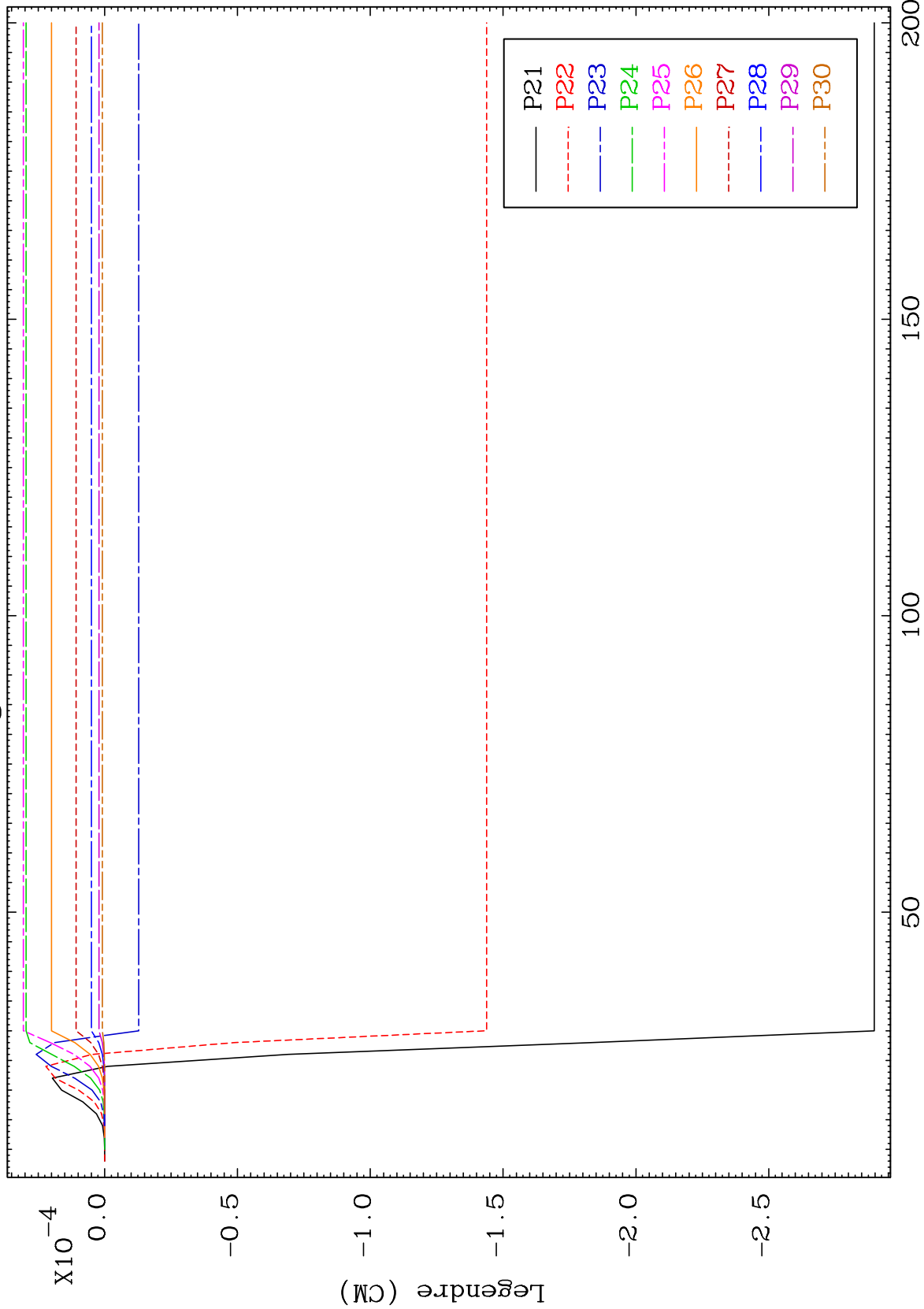
83-Bi-194



MAT 8280

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

83-Bi-194



62

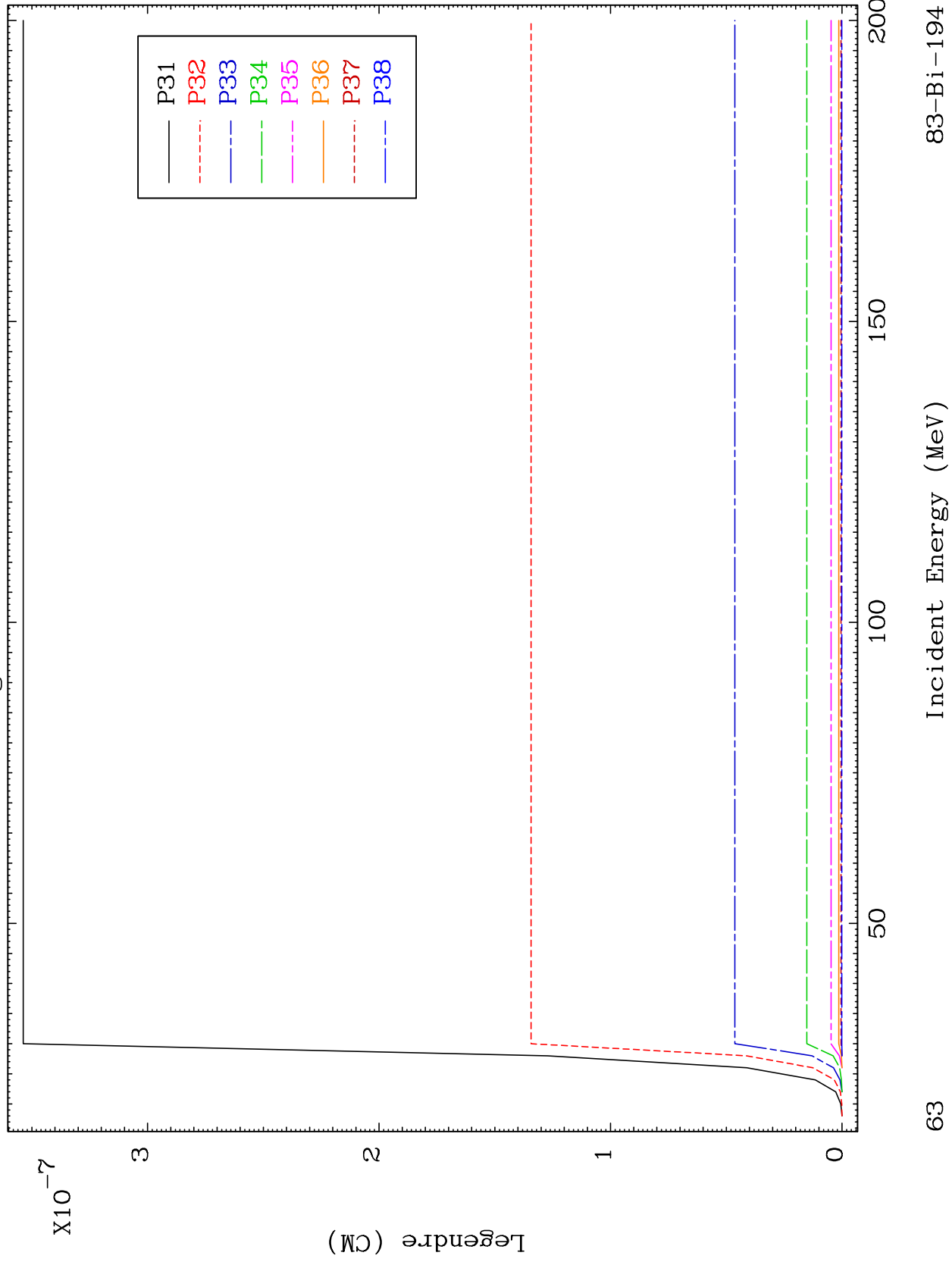
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

83-Bi-194



63

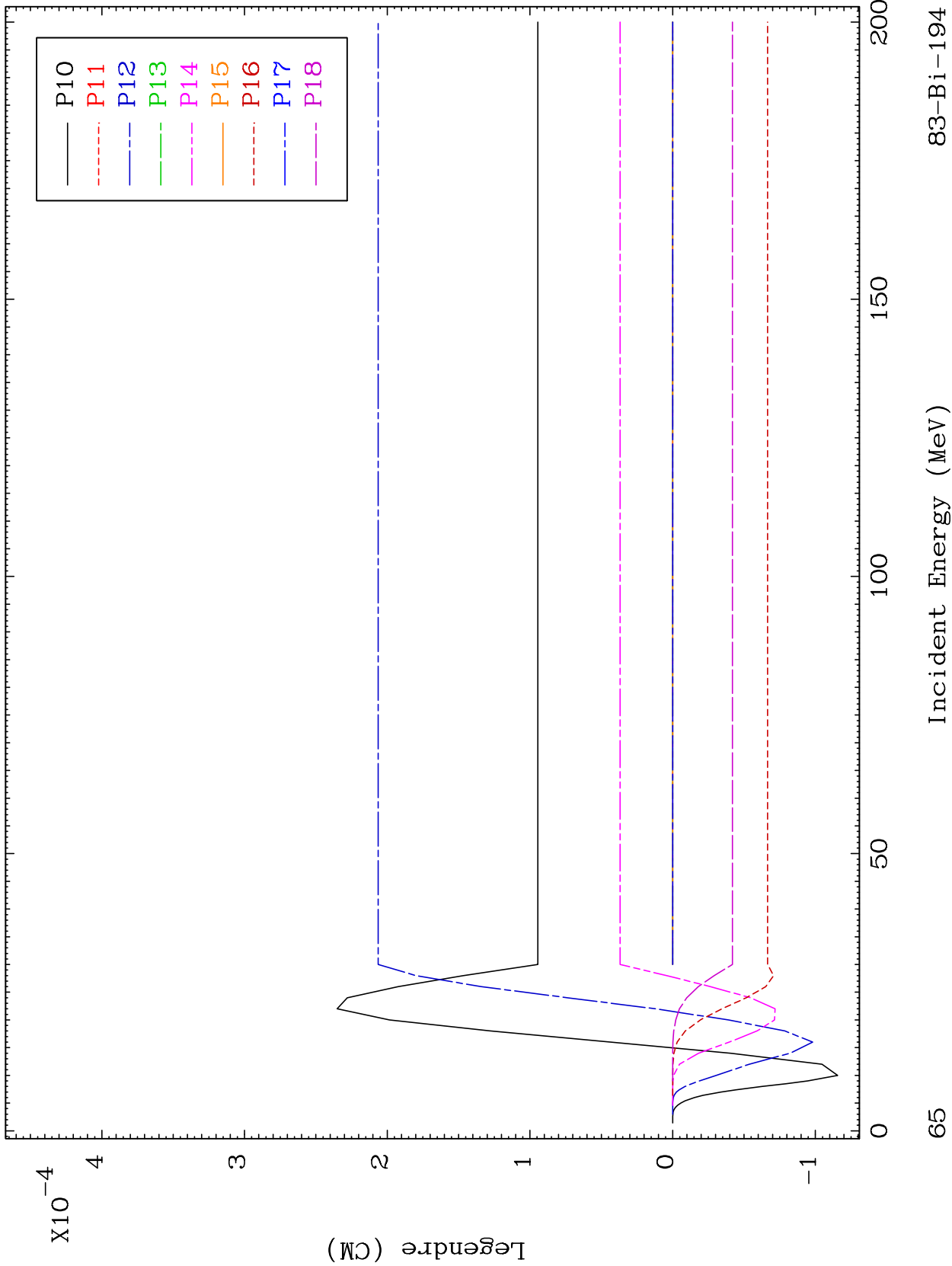
Incident Energy (MeV)

83-Bi-194

MAT 8280

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

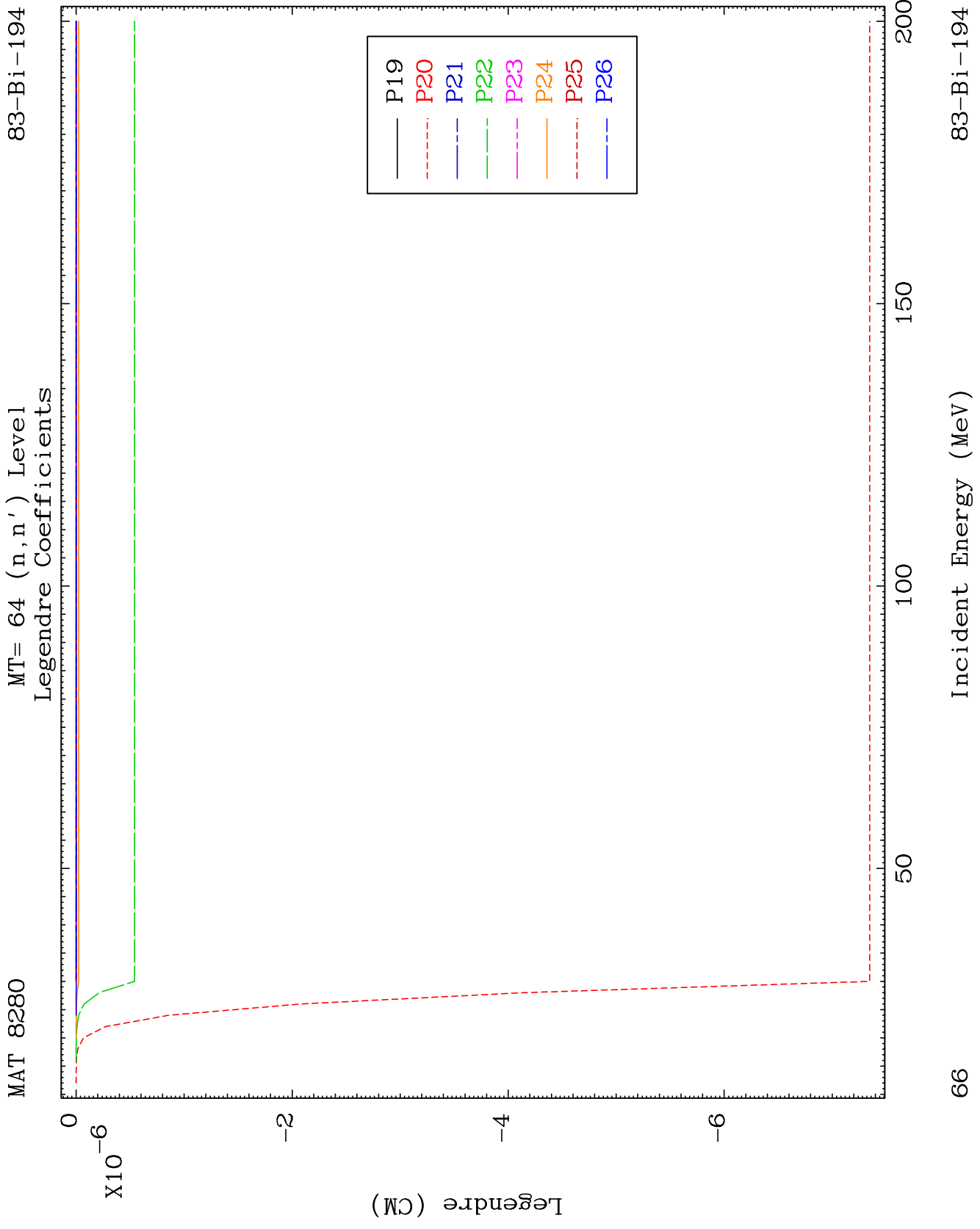
83-Bi-194



83-Bi-194

Incident Energy (MeV)

65

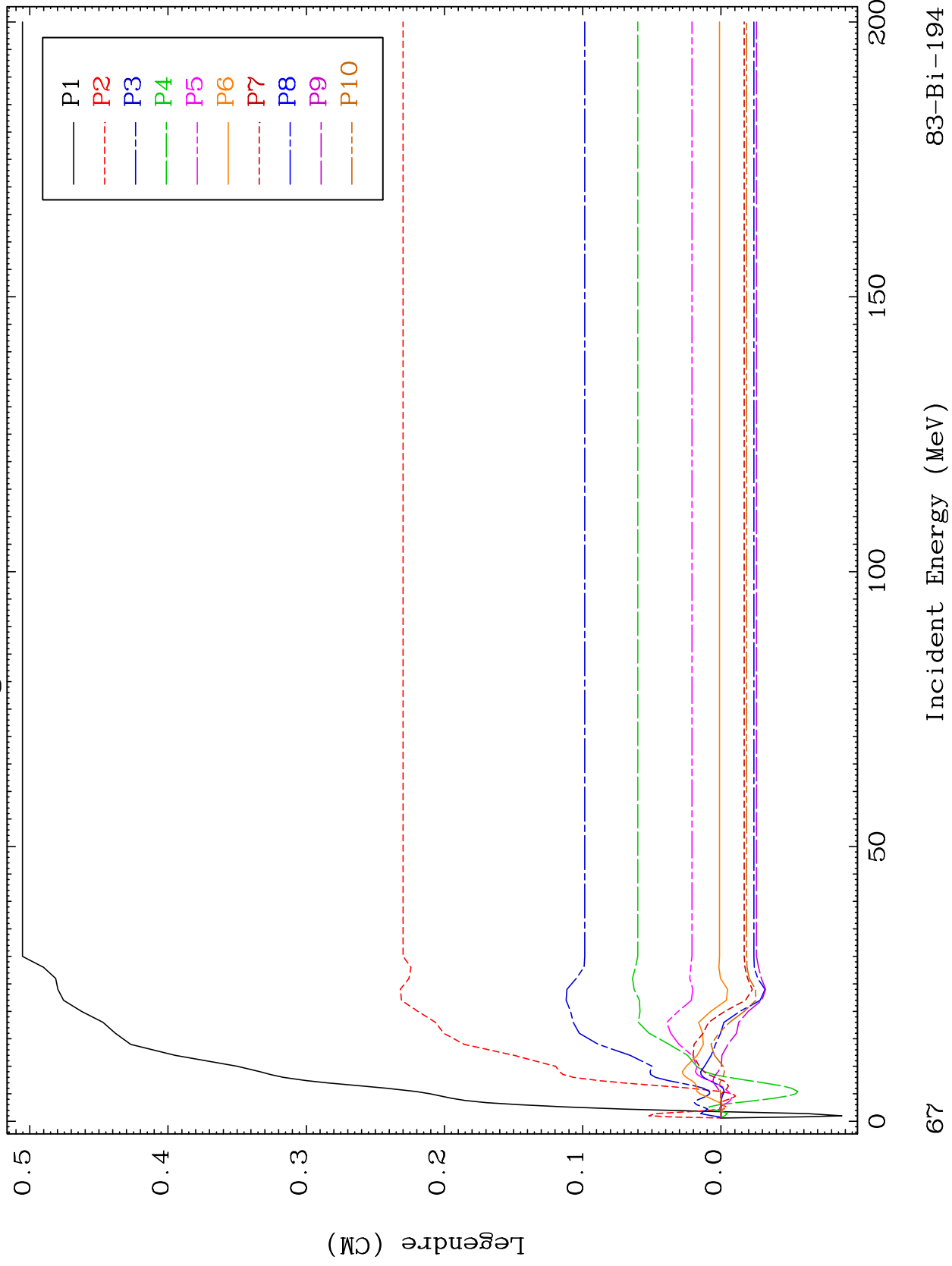


MAT 8280

MT= 65 (n,n') Level

83-Bi-194

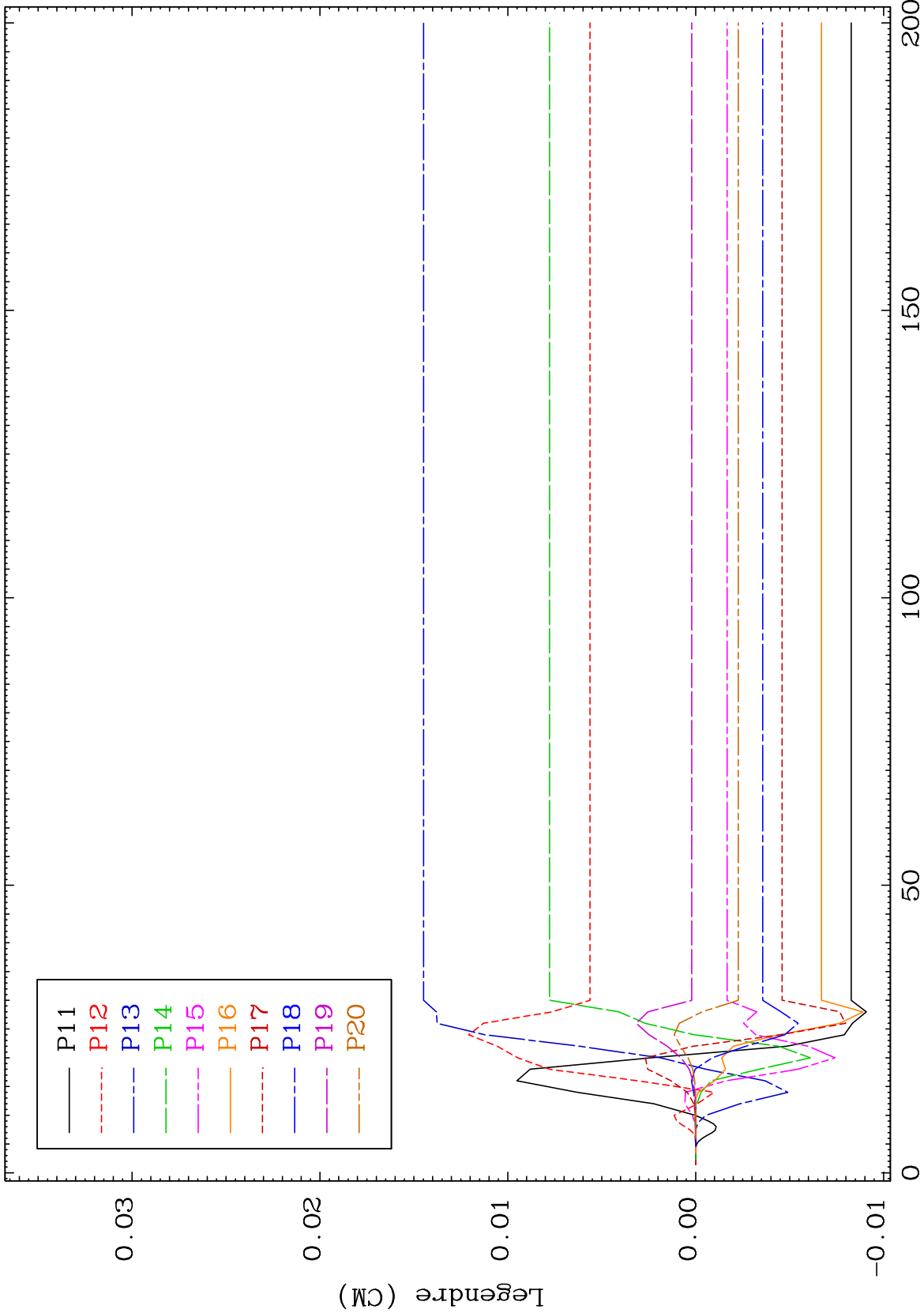
Legendre Coefficients



MAT 8280

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

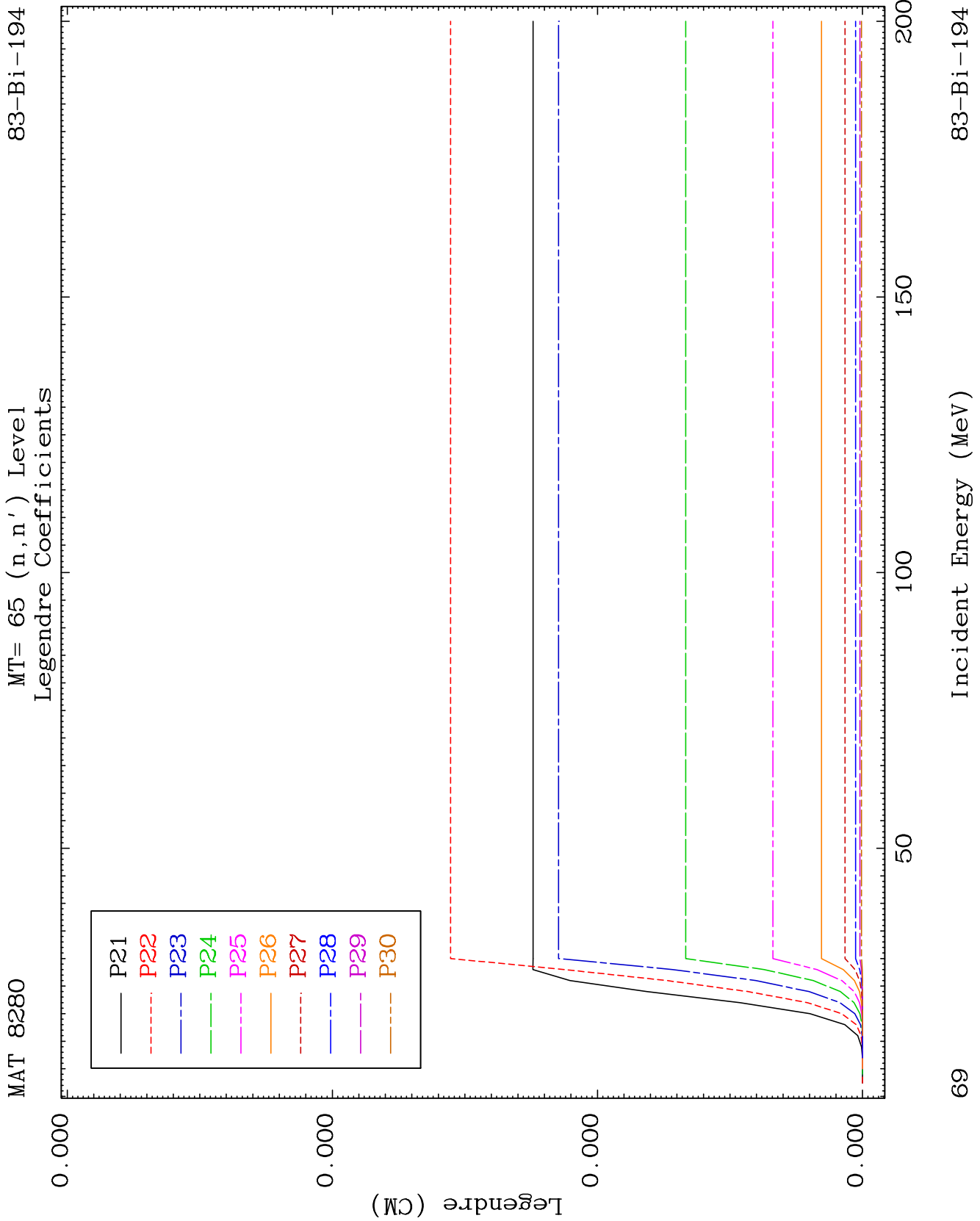
83-Bi-194



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Incident Energy (MeV)

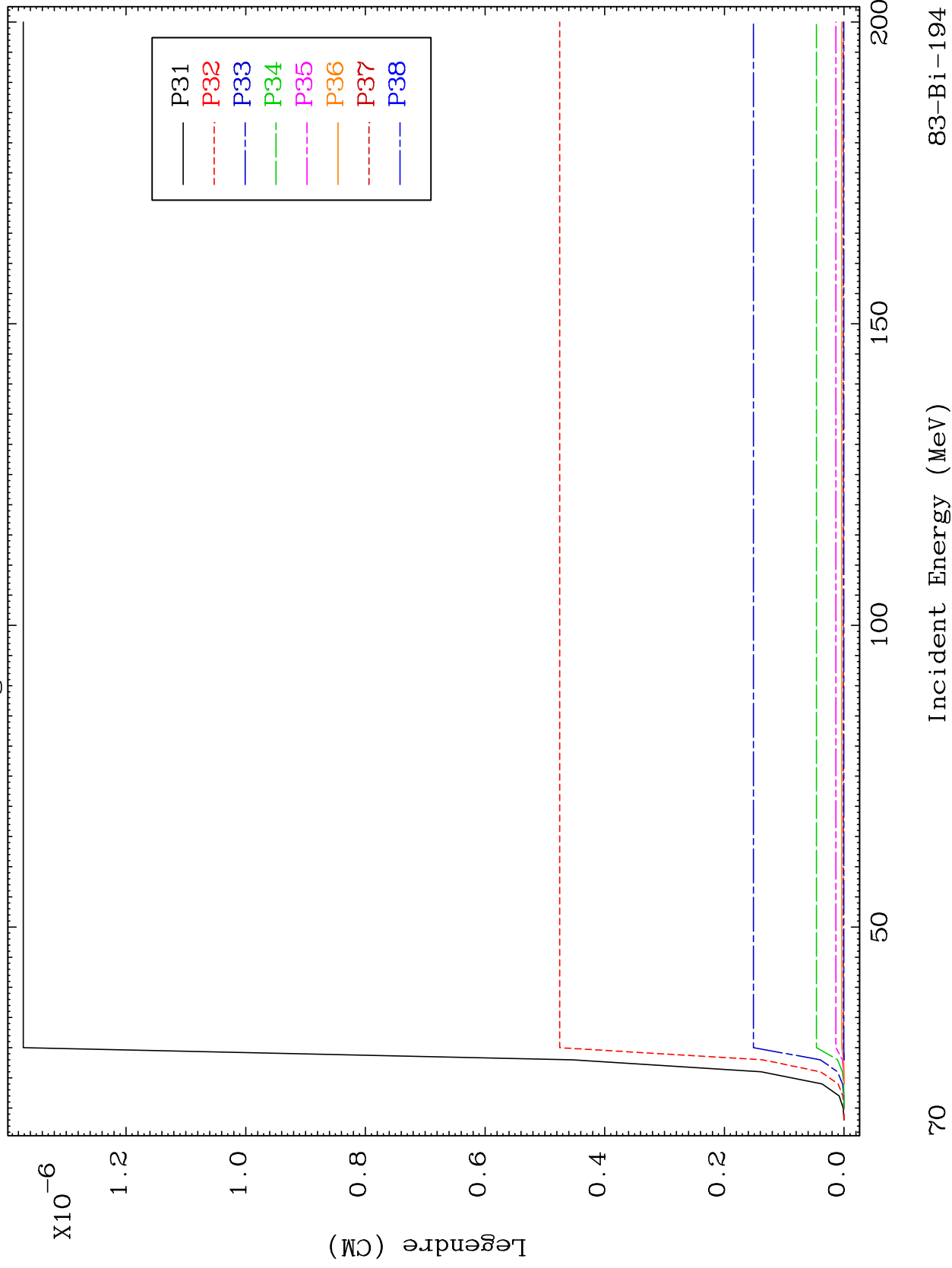
83-Bi-194



MAT 8280

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

83-Bi-194



70

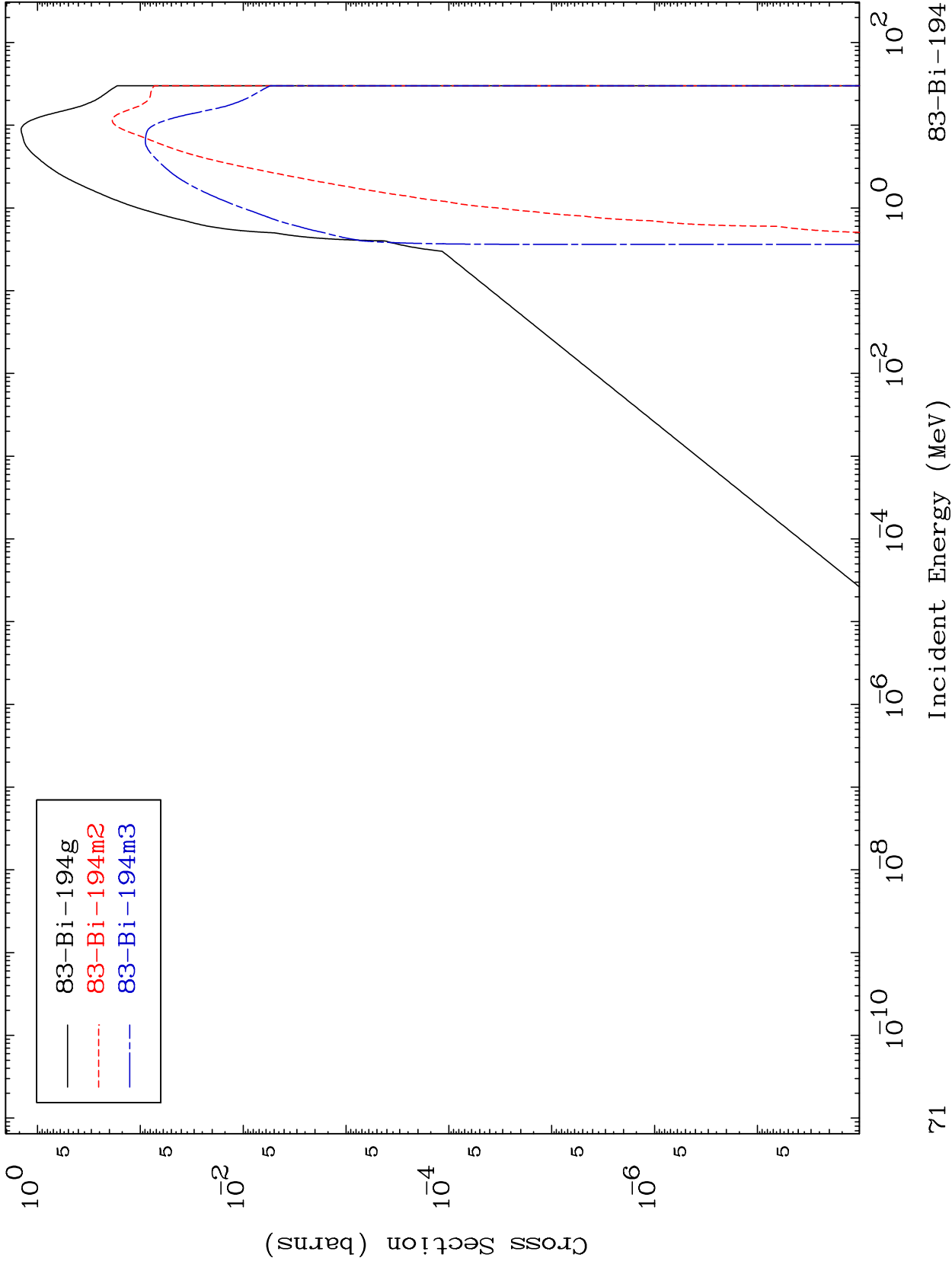
Incident Energy (MeV)

83-Bi-194

MAT 8280

Inelastic
Radionuclide Production Cross Section

83-Bi-194



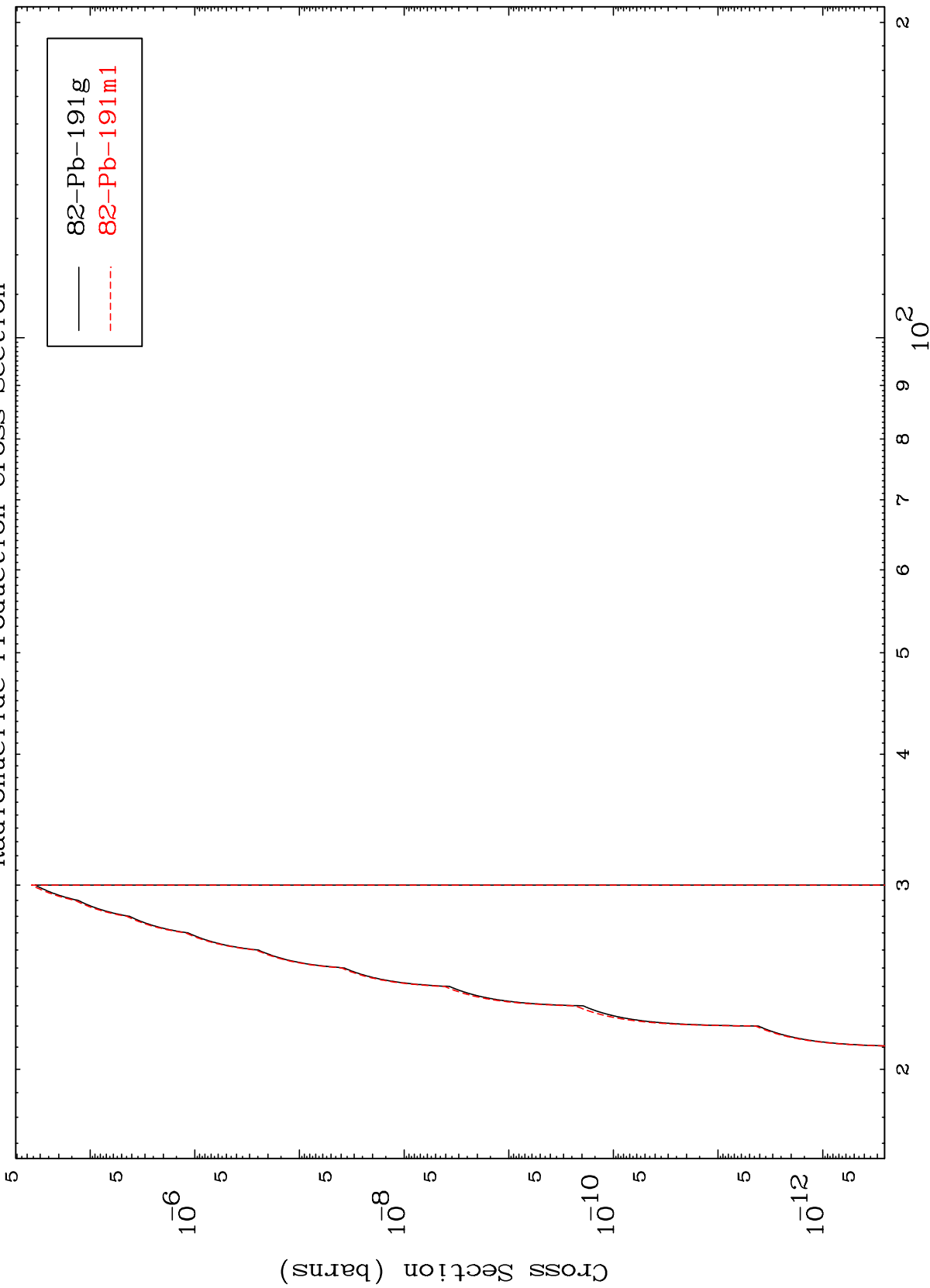
83-Bi-194g
83-Bi-194m2
83-Bi-194m3

MAT 8280

(n,2n) d

83-Bi-194

Radionuclide Production Cross Section



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

72

Incident Energy (MeV)

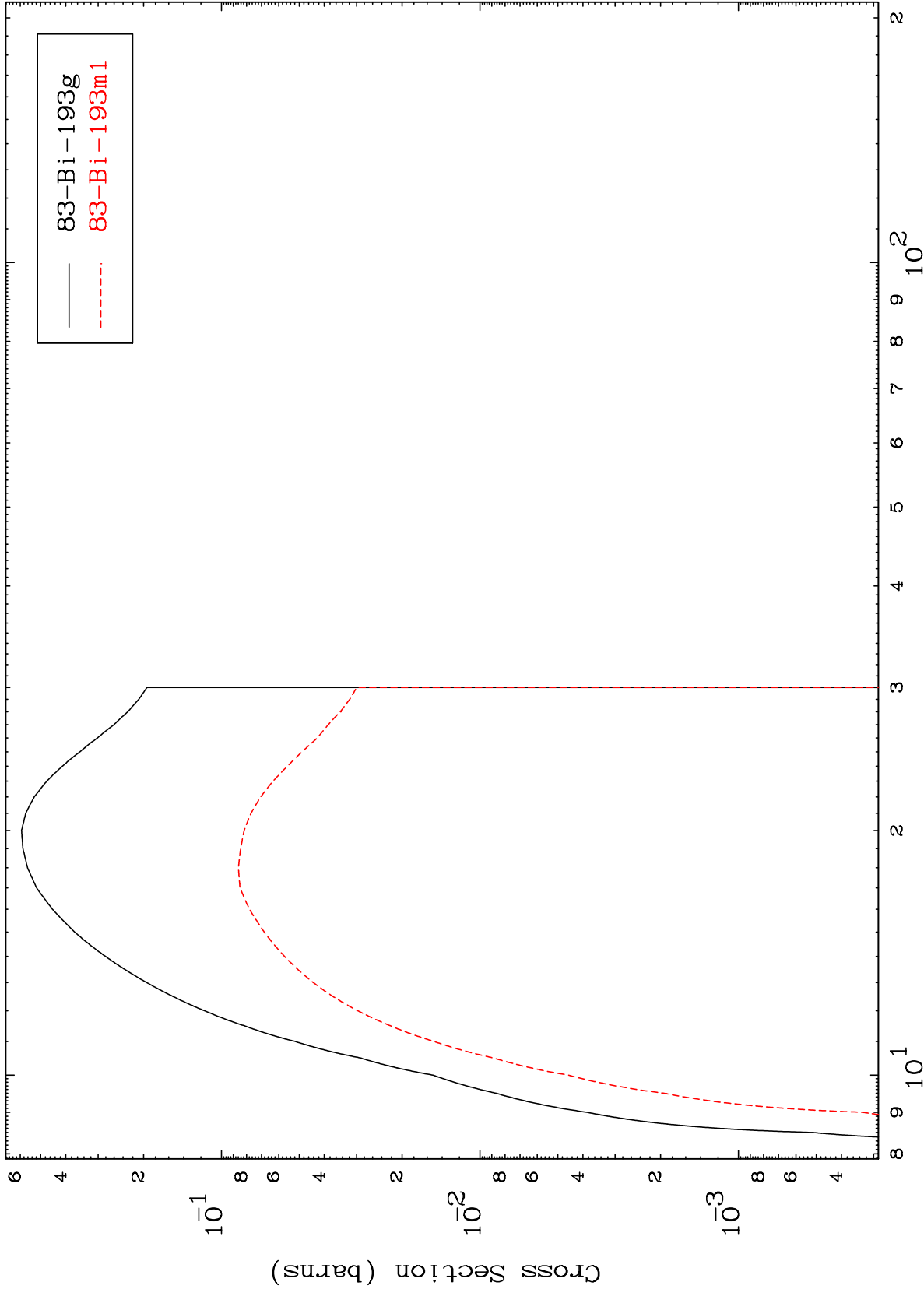
83-Bi-194

MAT 8280

(n,2n)

83-Bi-194

Radionuclide Production Cross Section



73

Incident Energy (MeV)

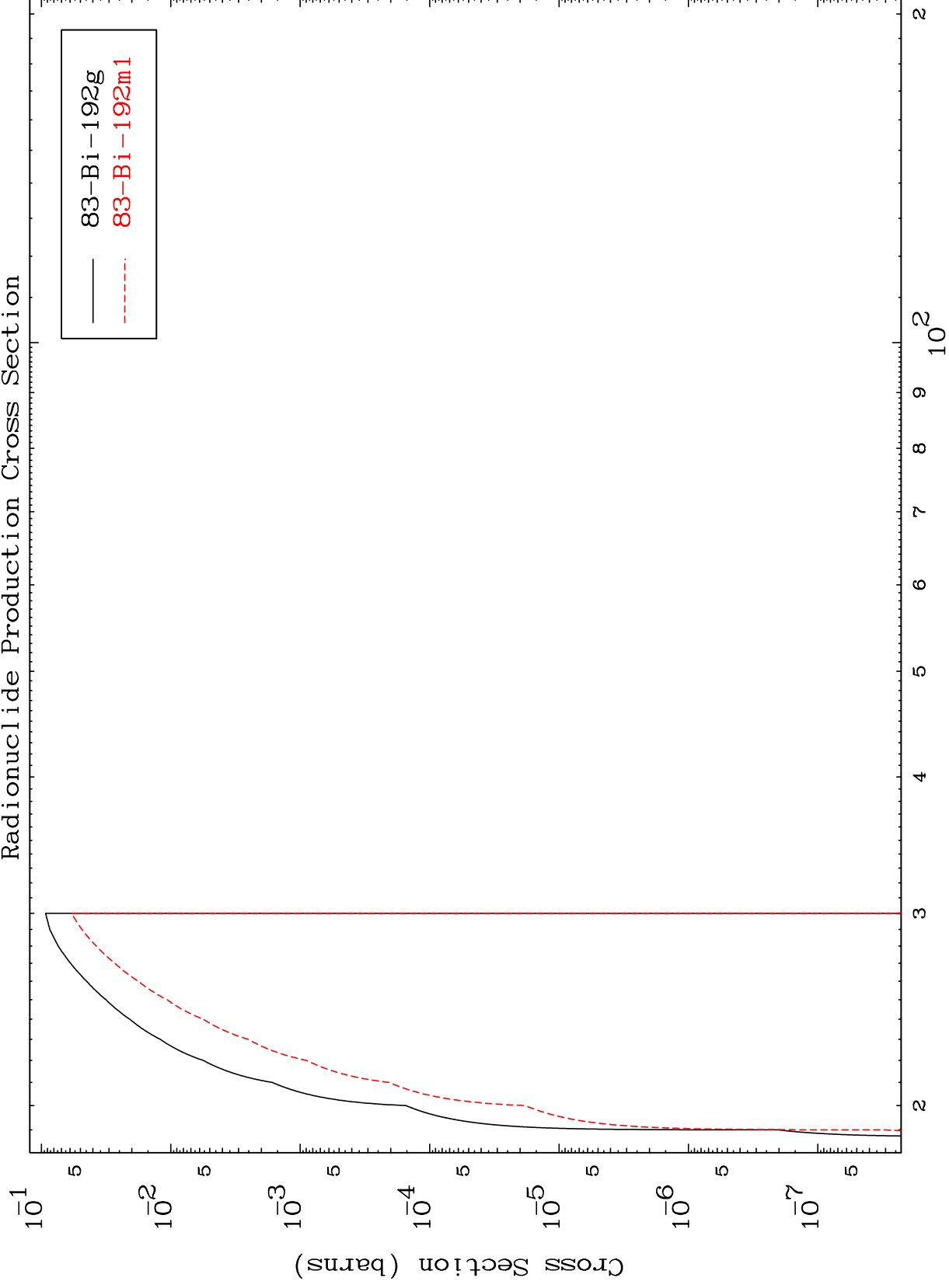
83-Bi-194

MAT 8280

(n,3n)

83-Bi-194

Radionuclide Production Cross Section



74

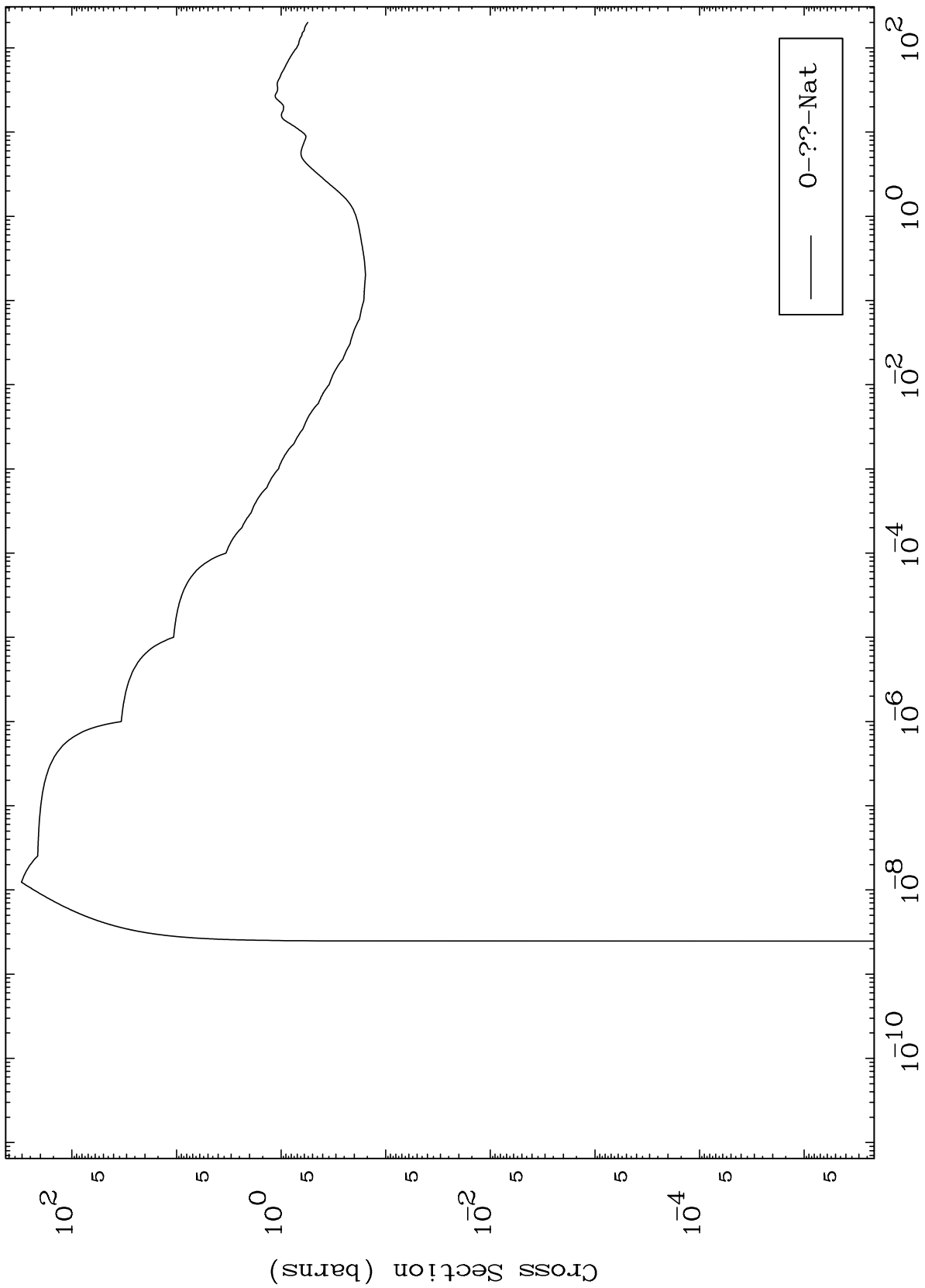
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

Fission
Radionuclide Production Cross Section



75

83-Bi-194

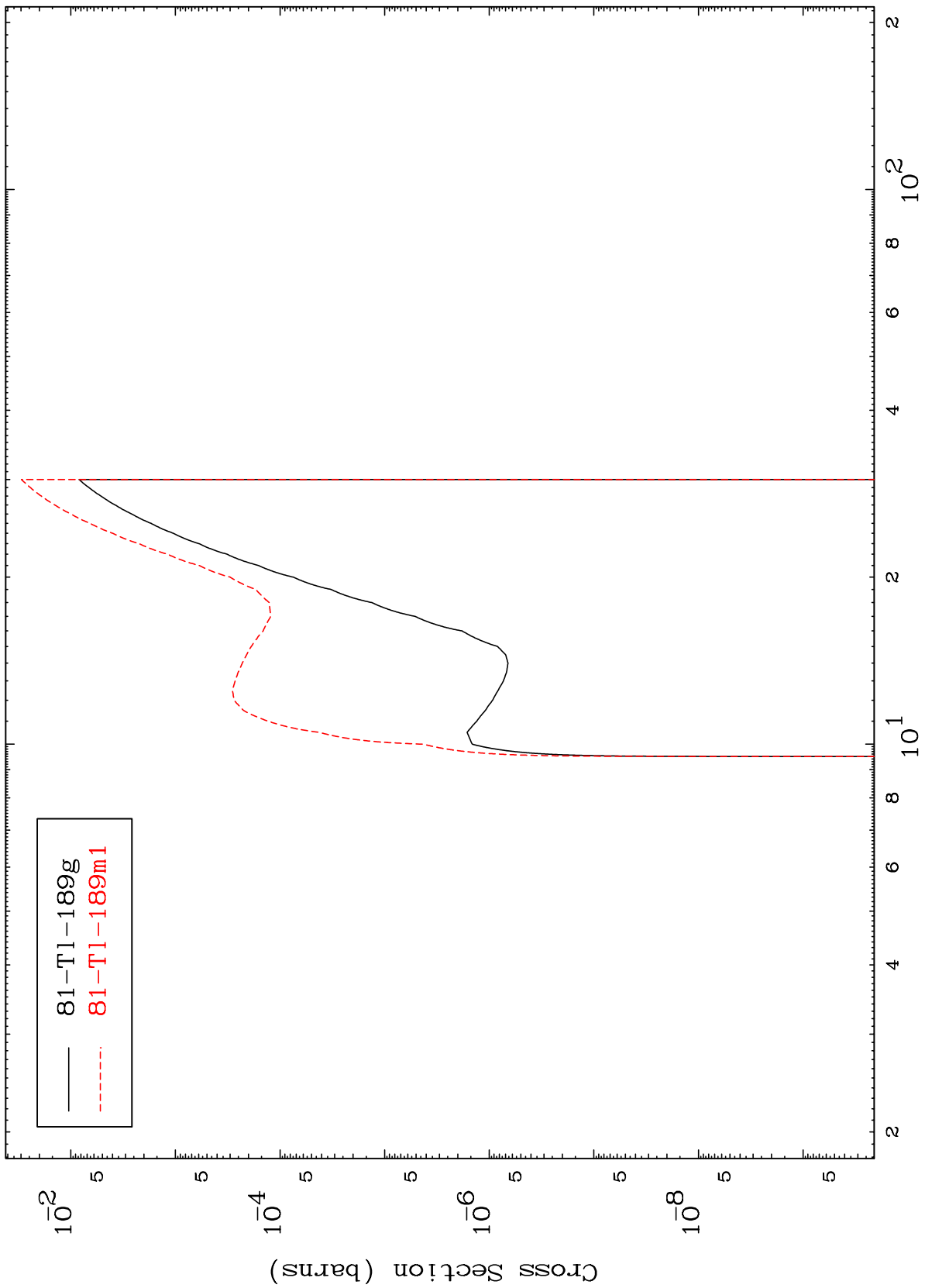
Incident Energy (MeV)

MAT 8280

83-Bi-194

(n,2n) α

Radionuclide Production Cross Section



76

Incident Energy (MeV)

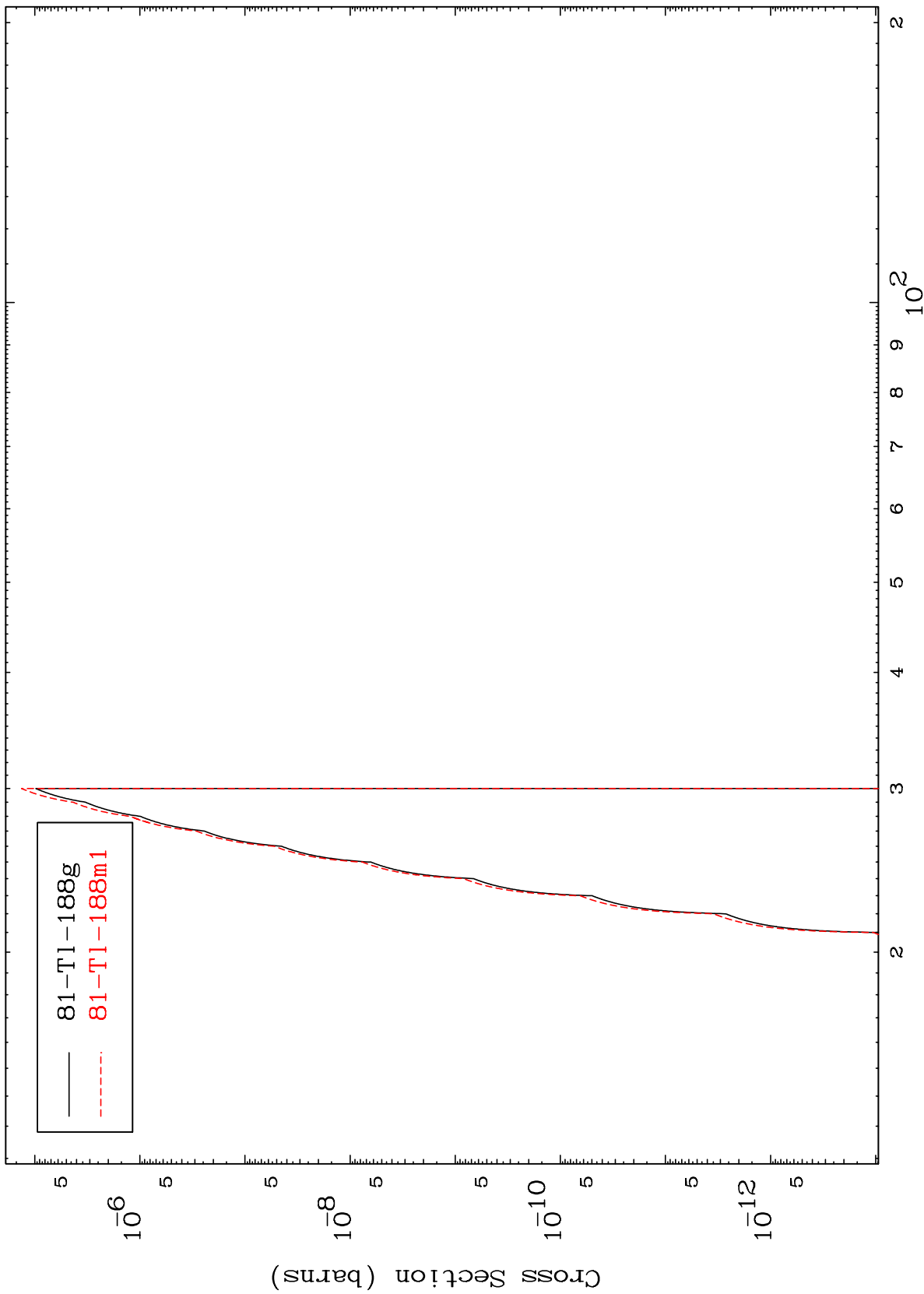
83-Bi-194

MAT 8280

$(n,3n) \alpha$

83-Bi-194

Radionuclide Production Cross Section

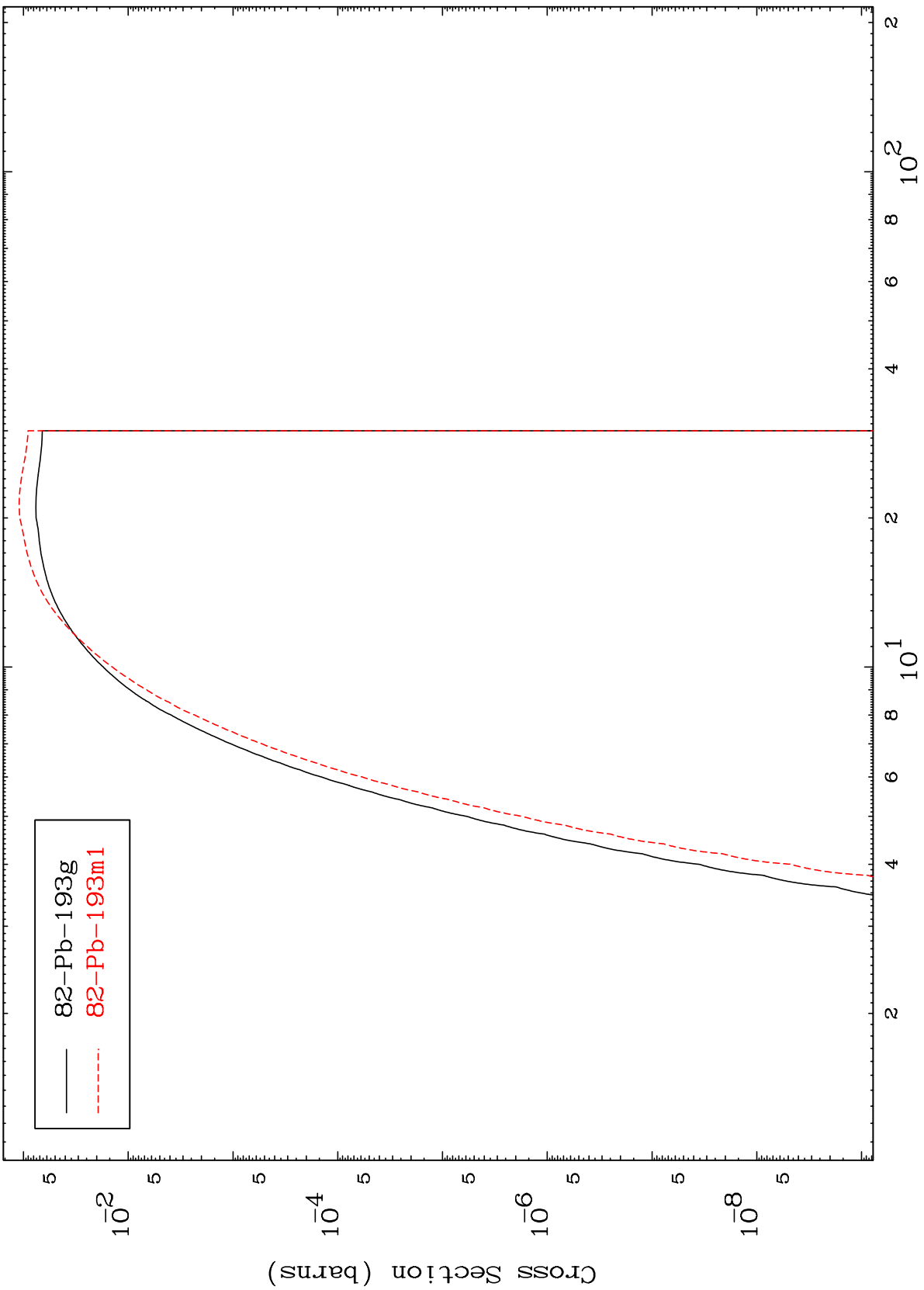


MAT 8280

(n,n') p

83-Bi-194

Radionuclide Production Cross Section



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

78

Incident Energy (MeV)

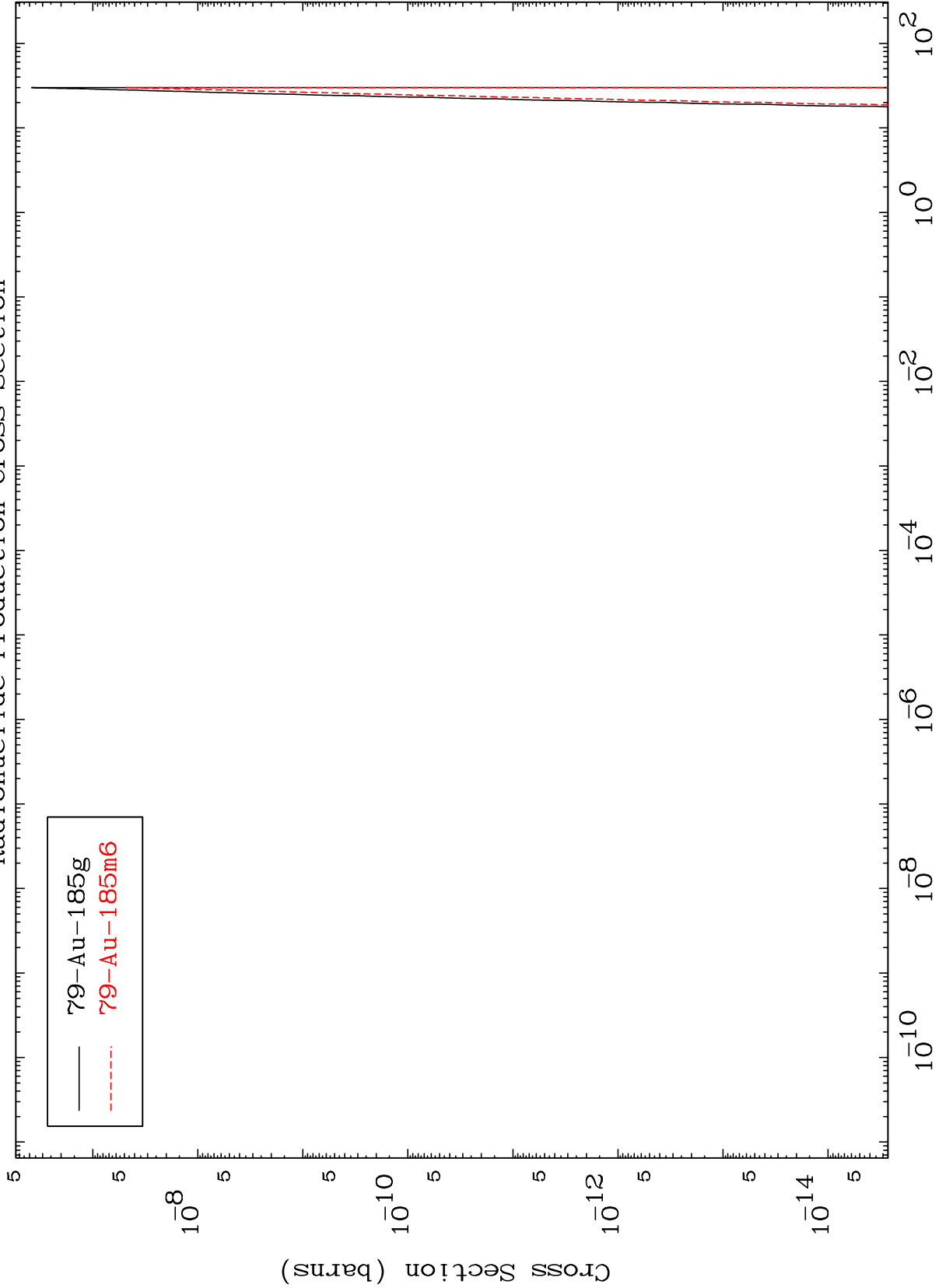
83-Bi-194

MAT 8280

$(n,2n) 2\alpha$

83-Bi-194

Radionuclide Production Cross Section



— ^{185}gAu
- - - $^{185}\text{m6Au}$

79

Incident Energy (MeV)

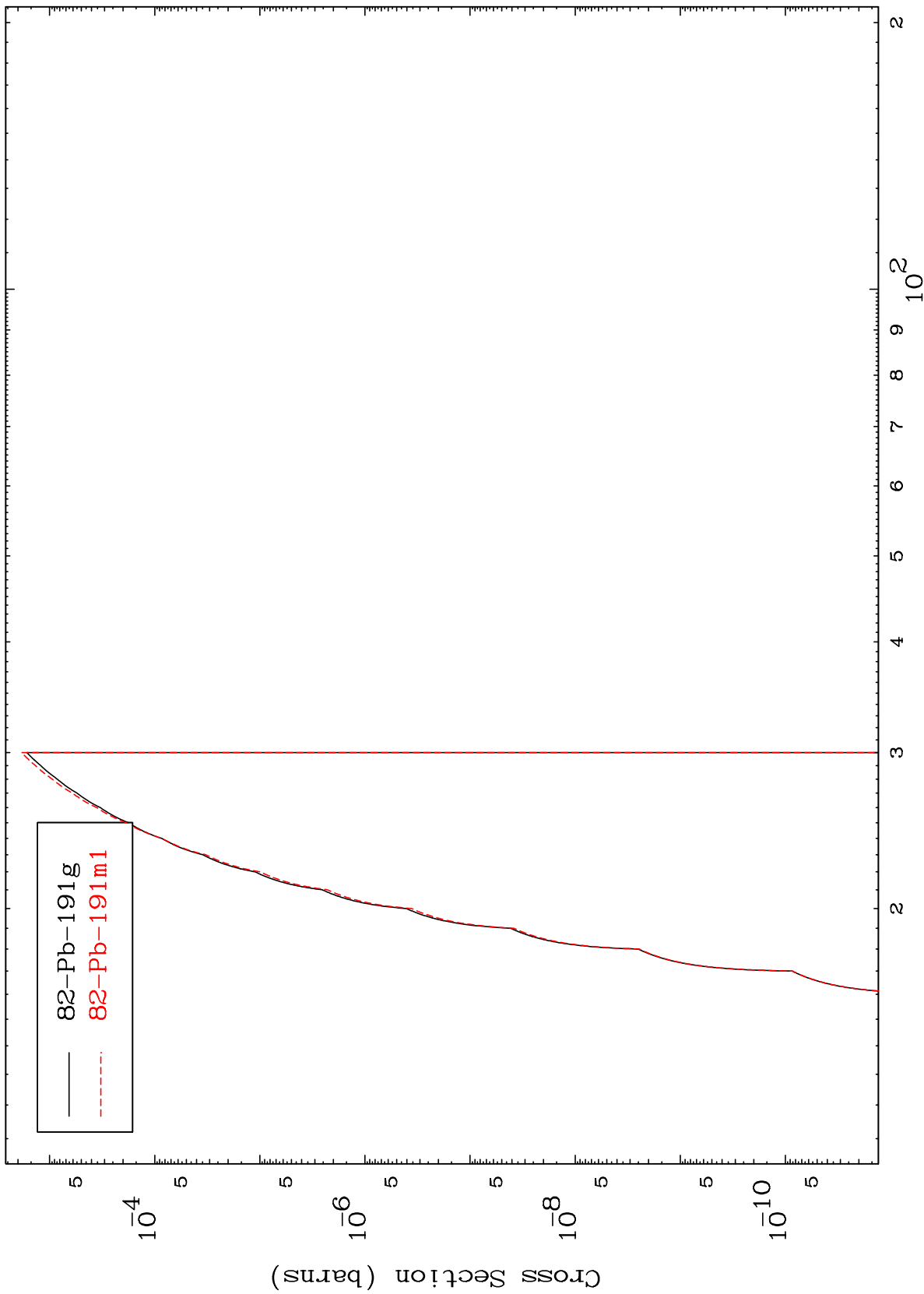
83-Bi-194

MAT 8280

(n,n') t

83-Bi-194

Radionuclide Production Cross Section



80

Incident Energy (MeV)

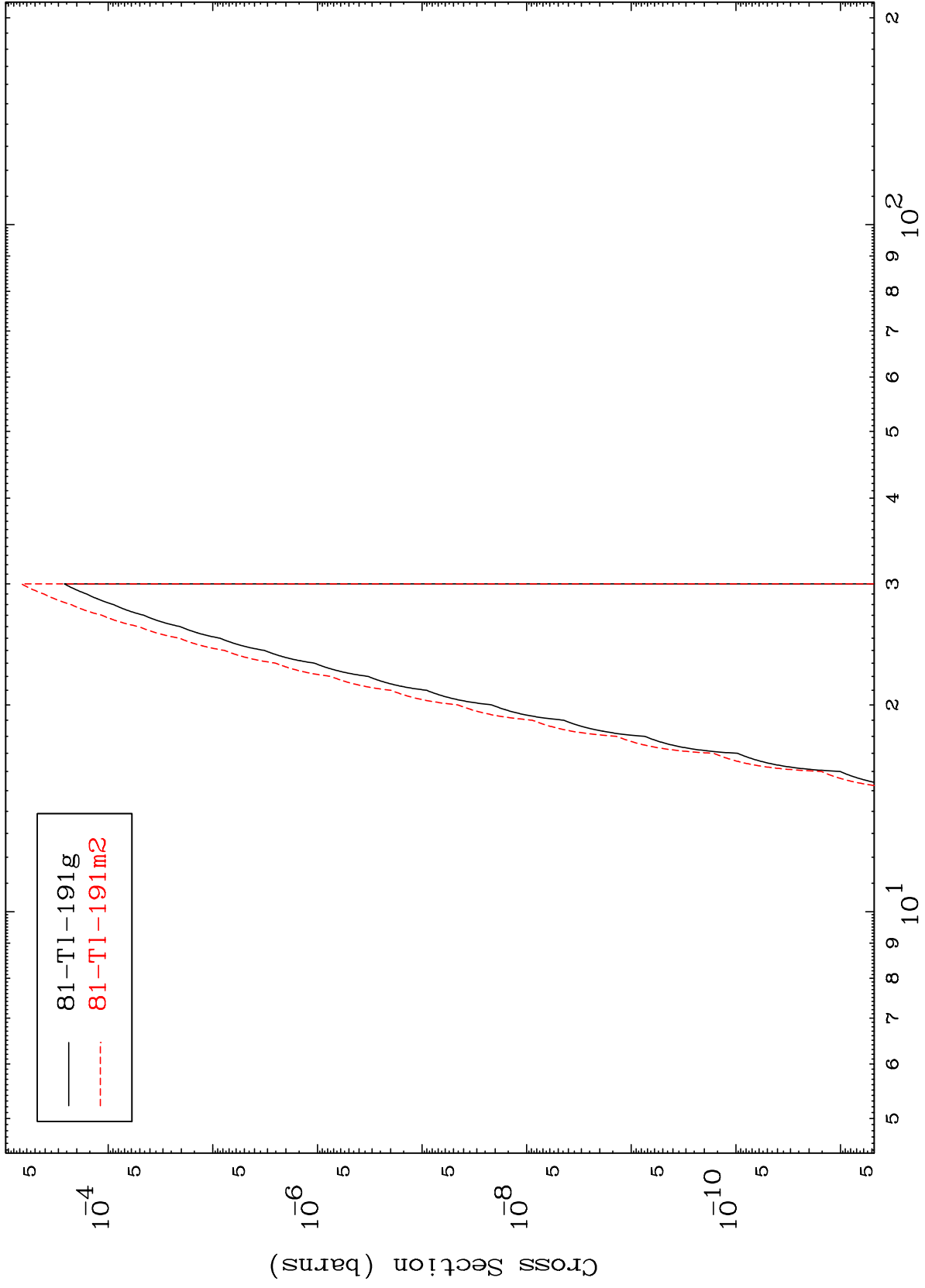
83-Bi-194

MAT 8280

(n,n') He-3

83-Bi-194

Radionuclide Production Cross Section



81

Incident Energy (MeV)

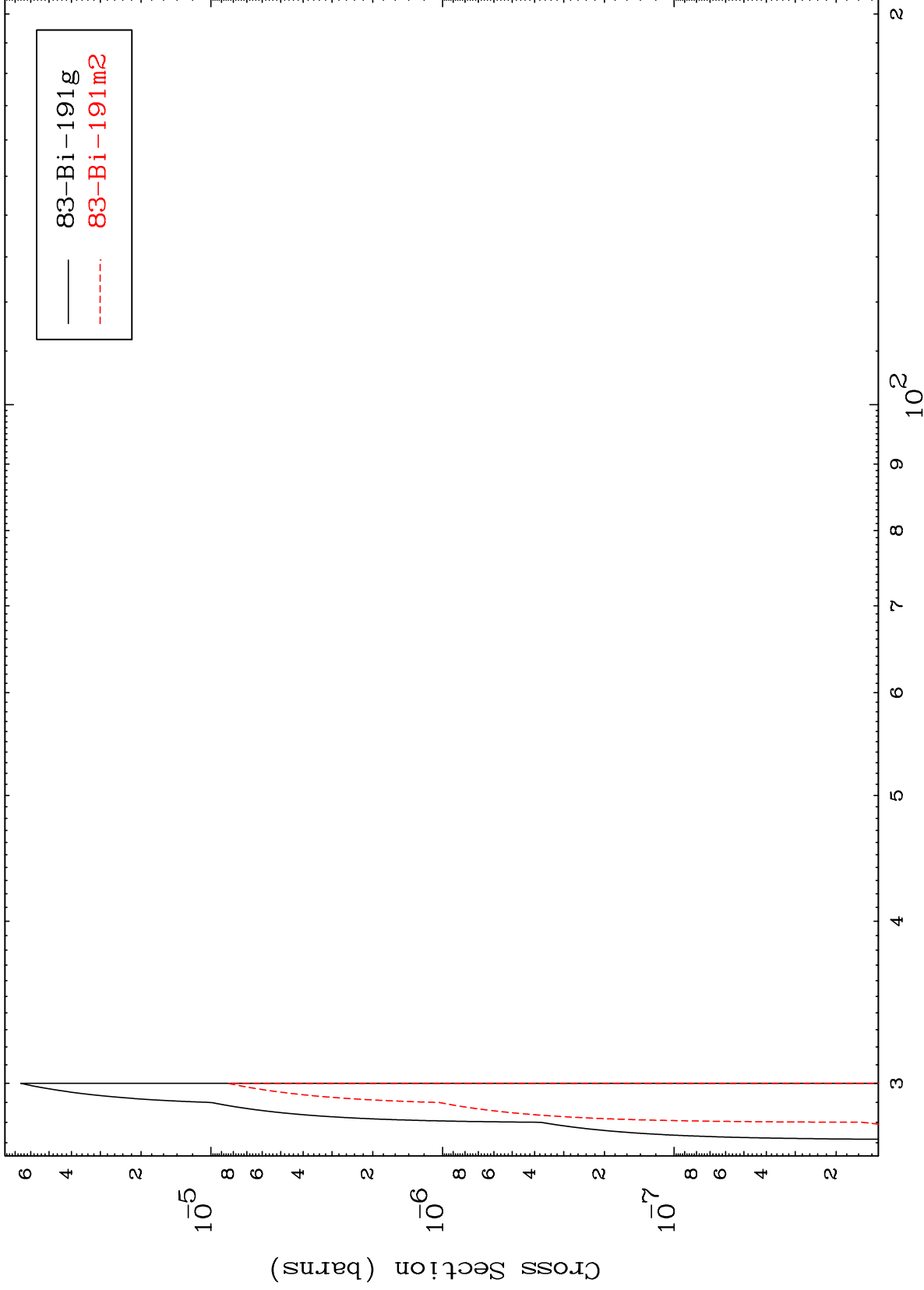
83-Bi-194

MAT 8280

(n,4n)

83-Bi-194

Radionuclide Production Cross Section



82

Incident Energy (MeV)

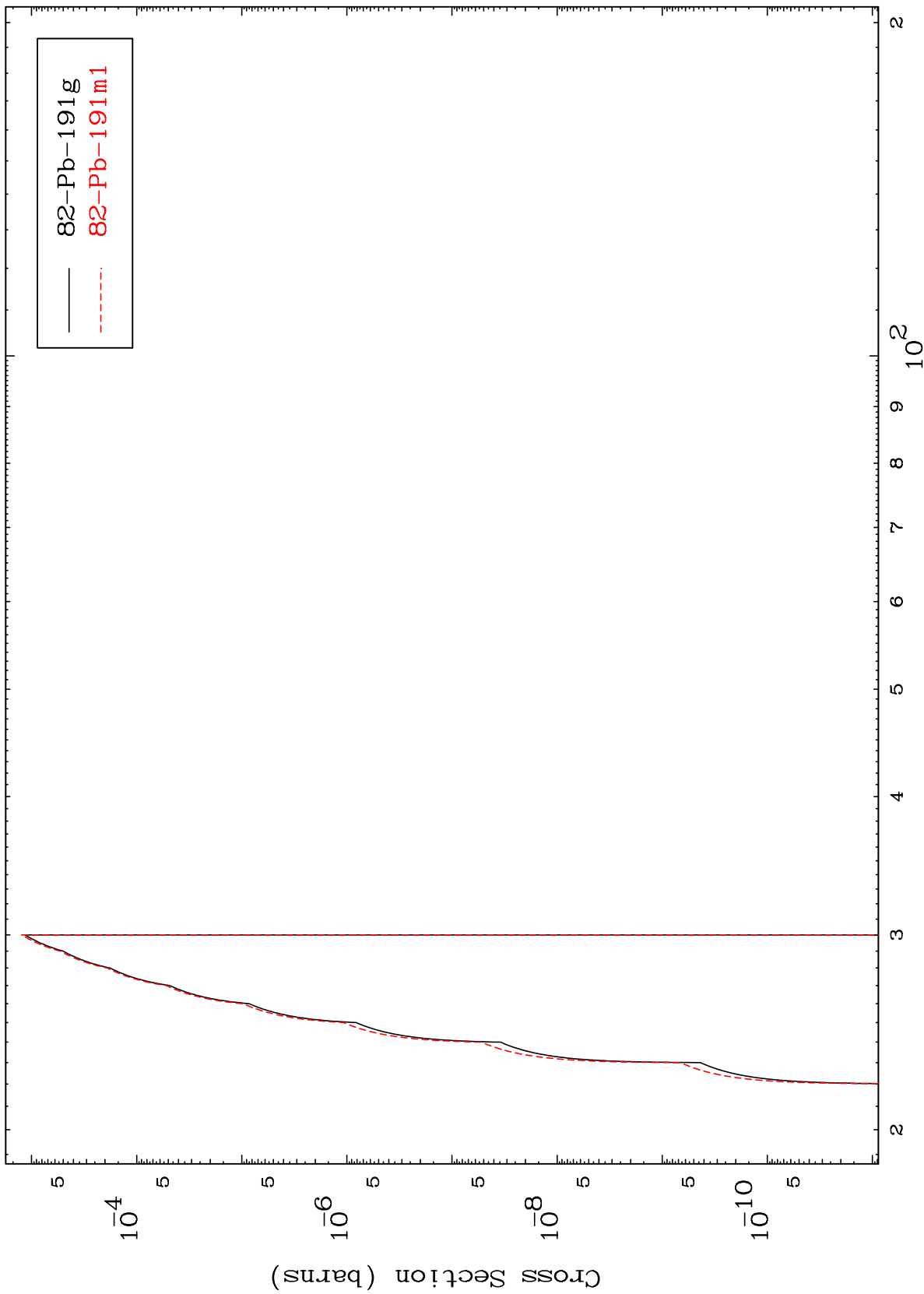
83-Bi-194

MAT 8280

(n,3n) p

83-Bi-194

Radionuclide Production Cross Section

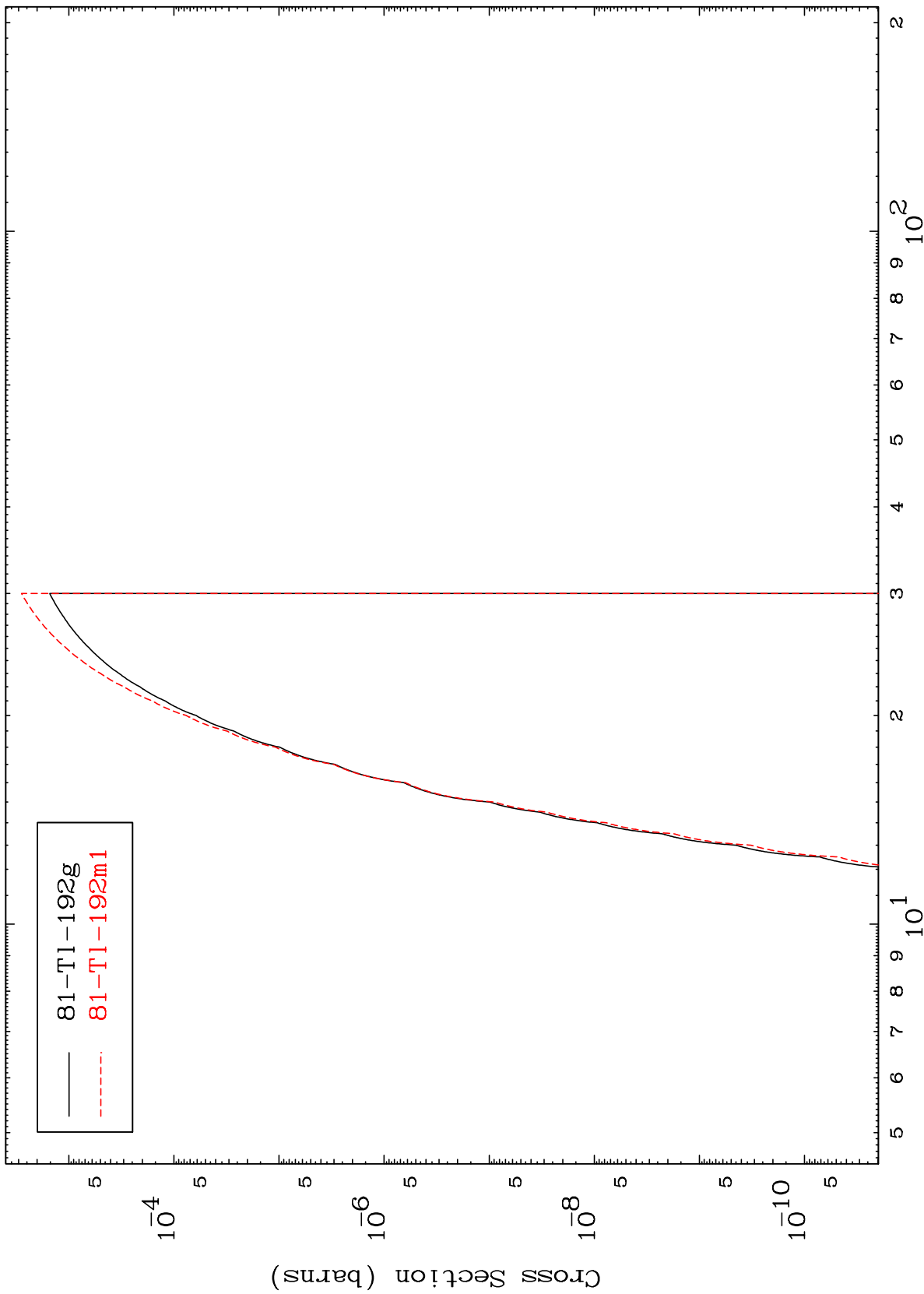


83

Incident Energy (MeV)

83-Bi-194

(n,2n) p
Radionuclide Production Cross Section

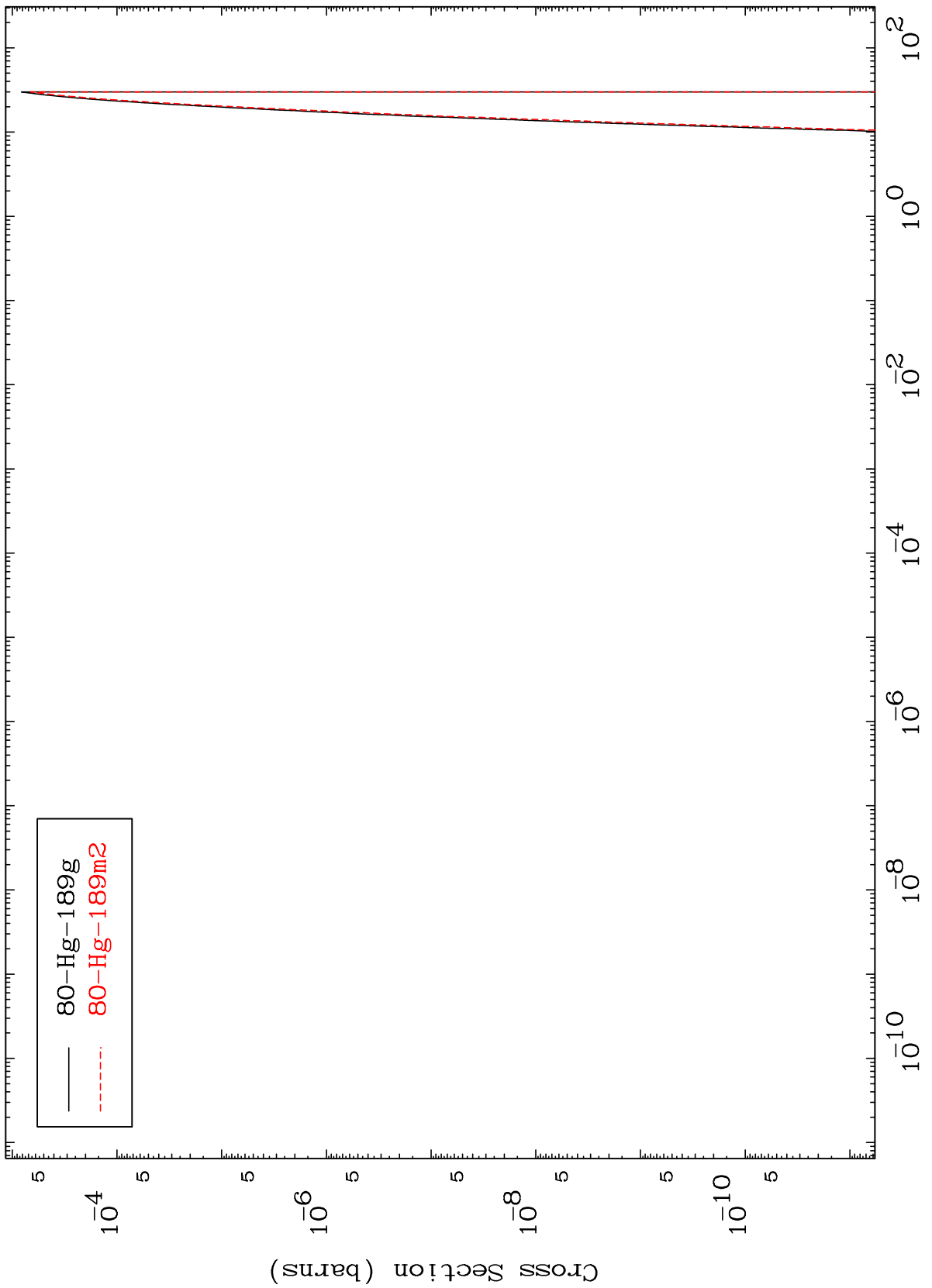


MAT 8280

(n,n') p α

83-Bi-194

Radionuclide Production Cross Section



85

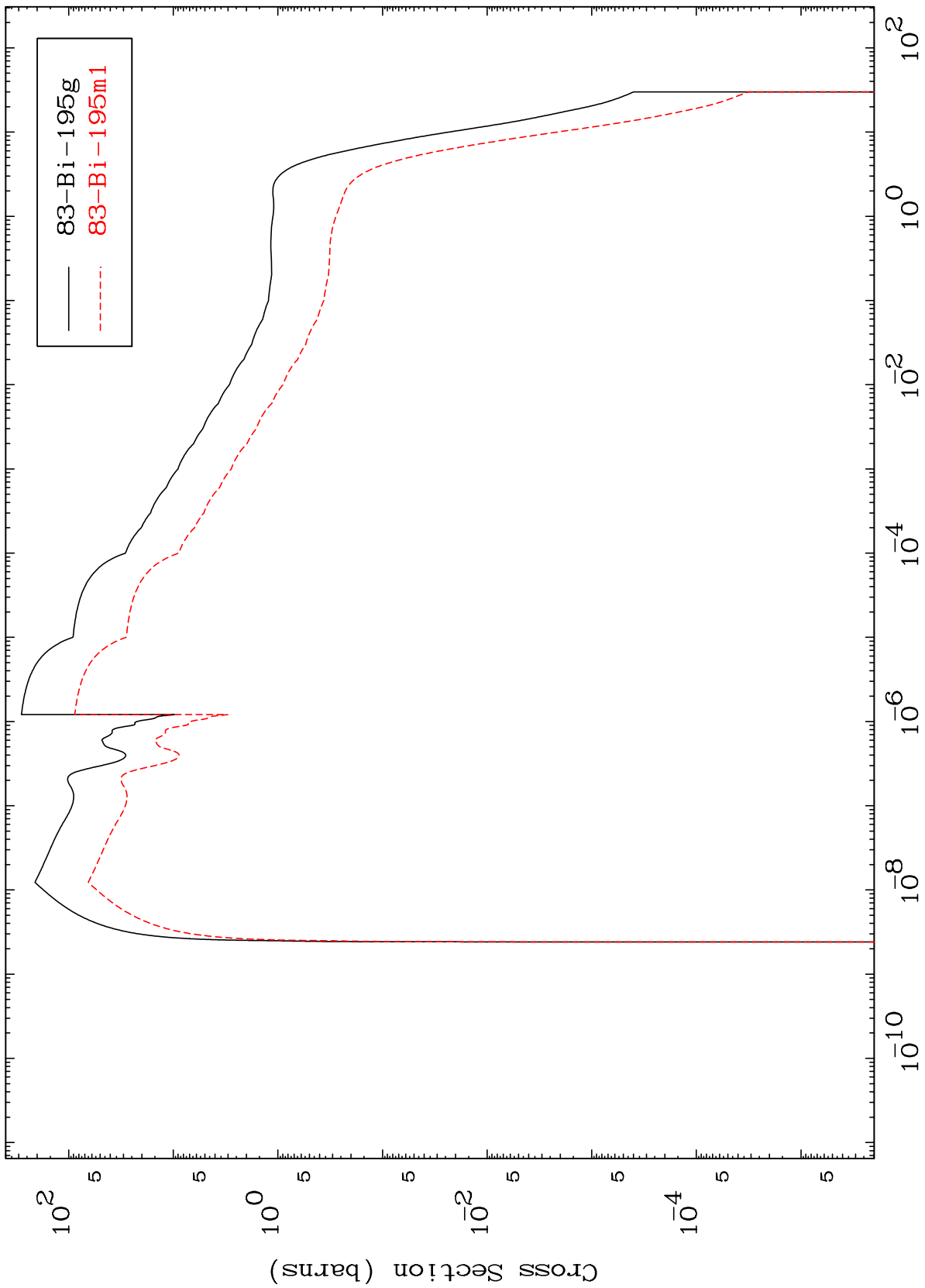
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(n,γ)
Radionuclide Production Cross Section



86

83-Bi-194

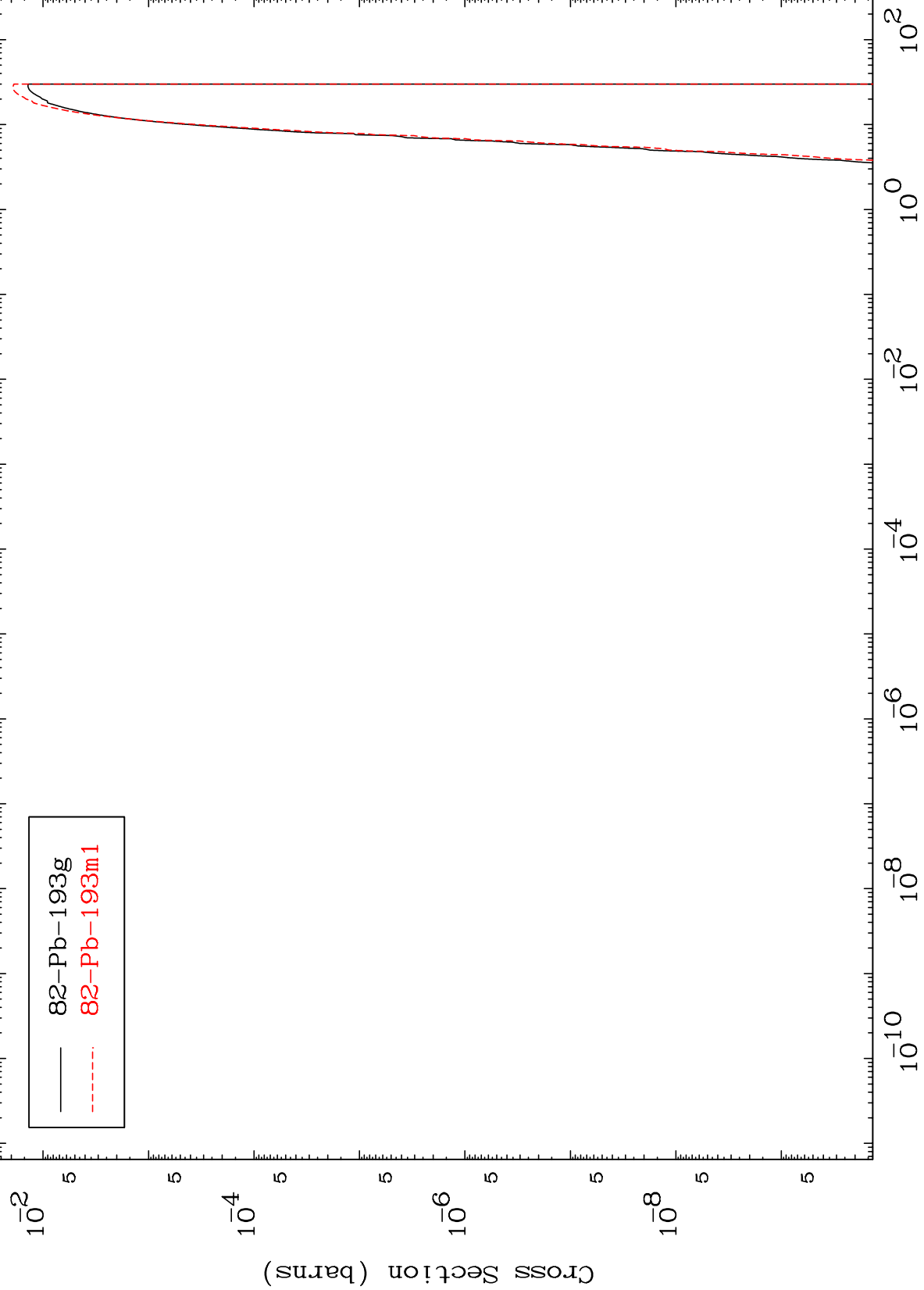
Incident Energy (MeV)

MAT 8280

(n,d)

83-Bi-194

Radionuclide Production Cross Section



87

Incident Energy (MeV)

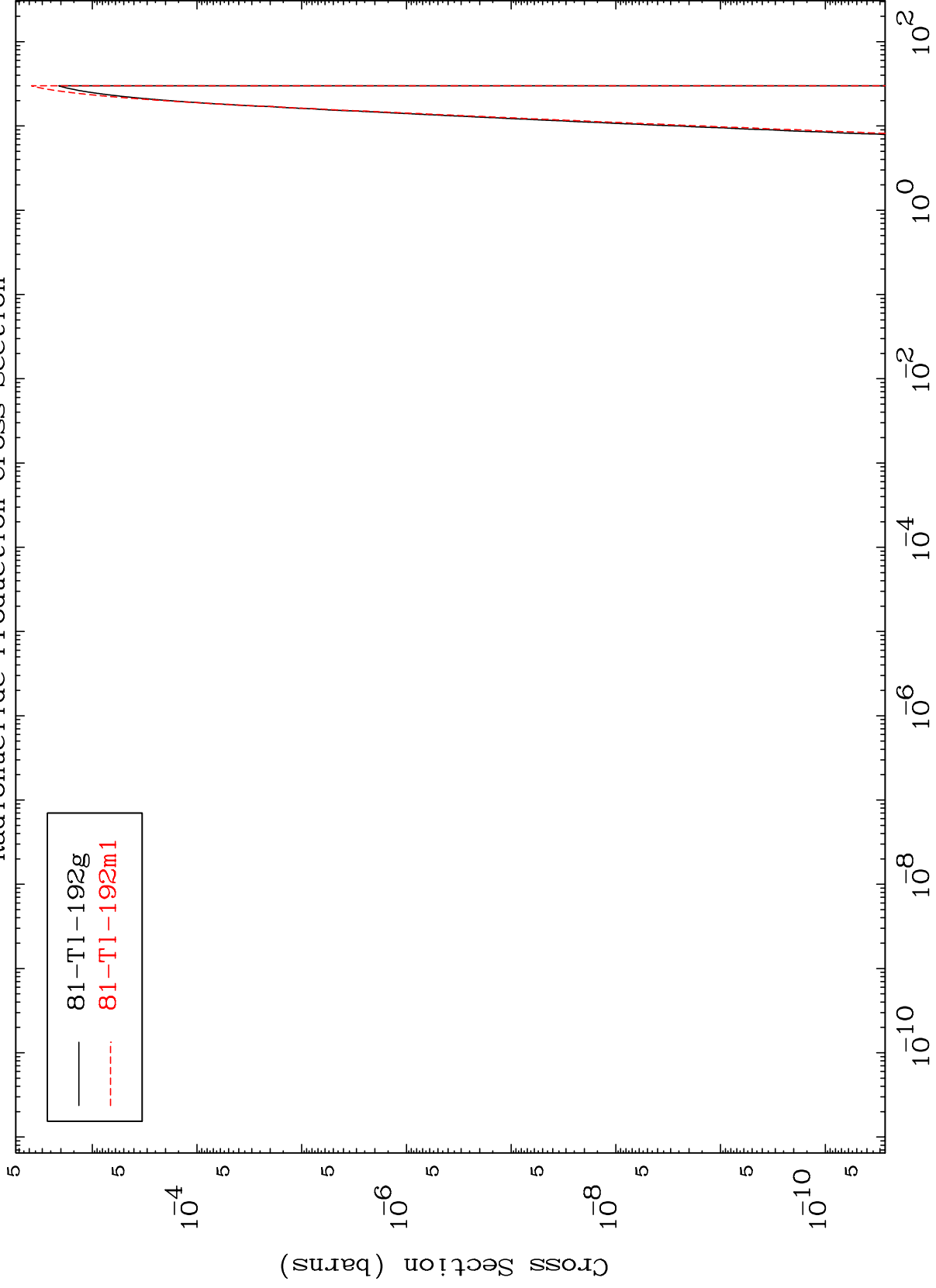
83-Bi-194

MAT 8280

(n,He-3)

83-Bi-194

Radionuclide Production Cross Section



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

88

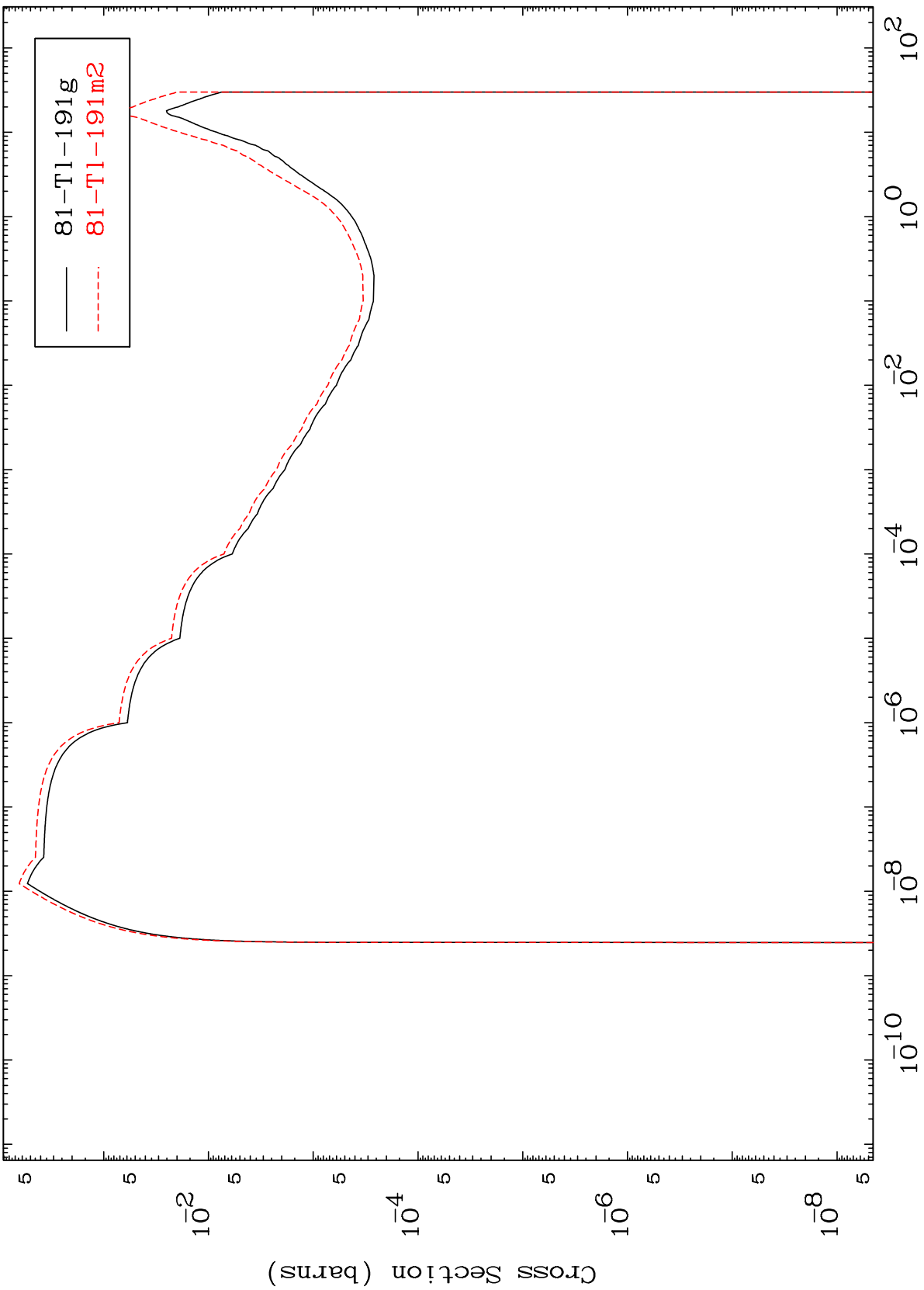
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(n, α)
Radionuclide Production Cross Section



89

83-Bi-194

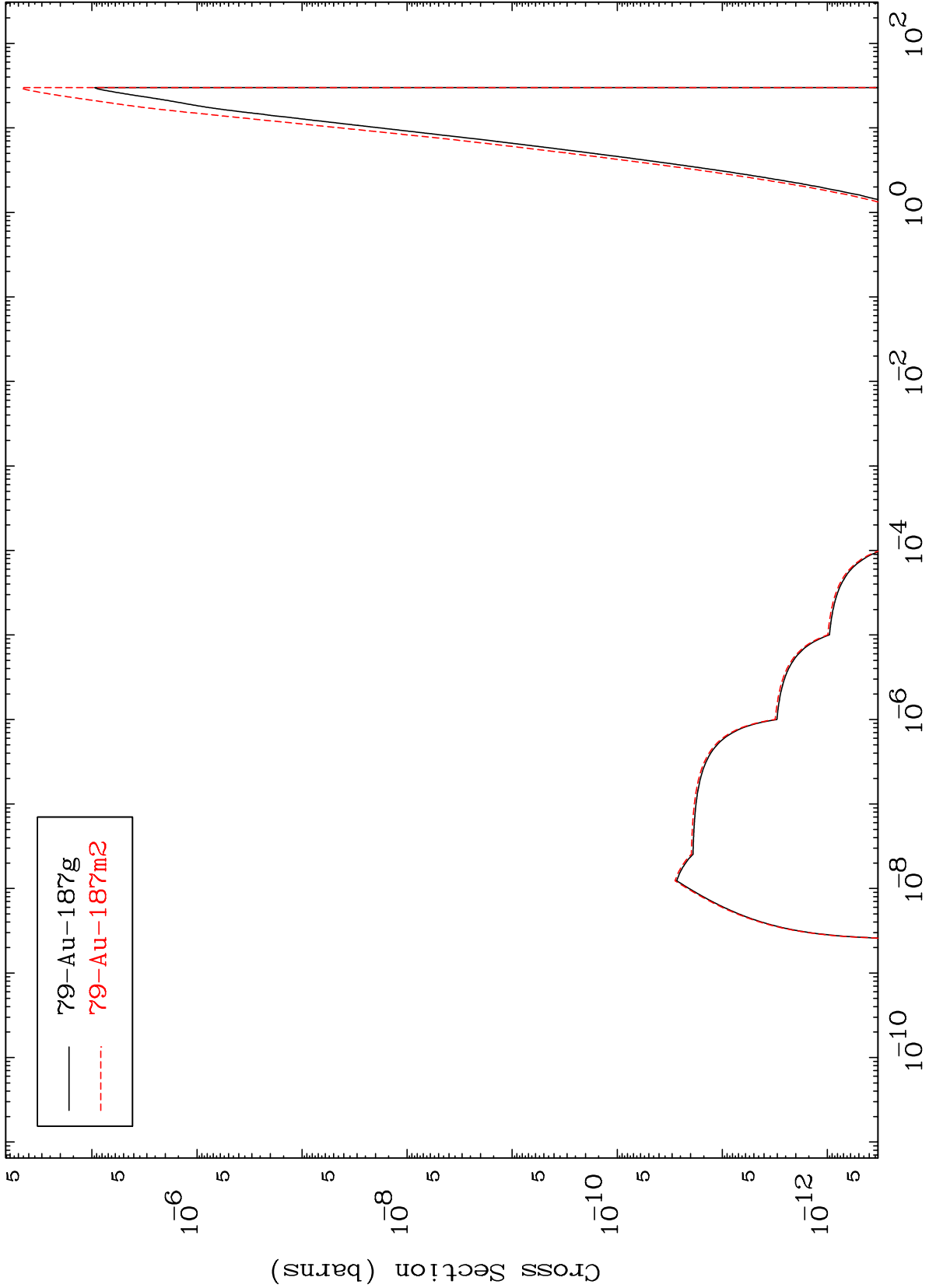
Incident Energy (MeV)

MAT 8280

(n,2α)

83-Bi-194

Radionuclide Production Cross Section



90

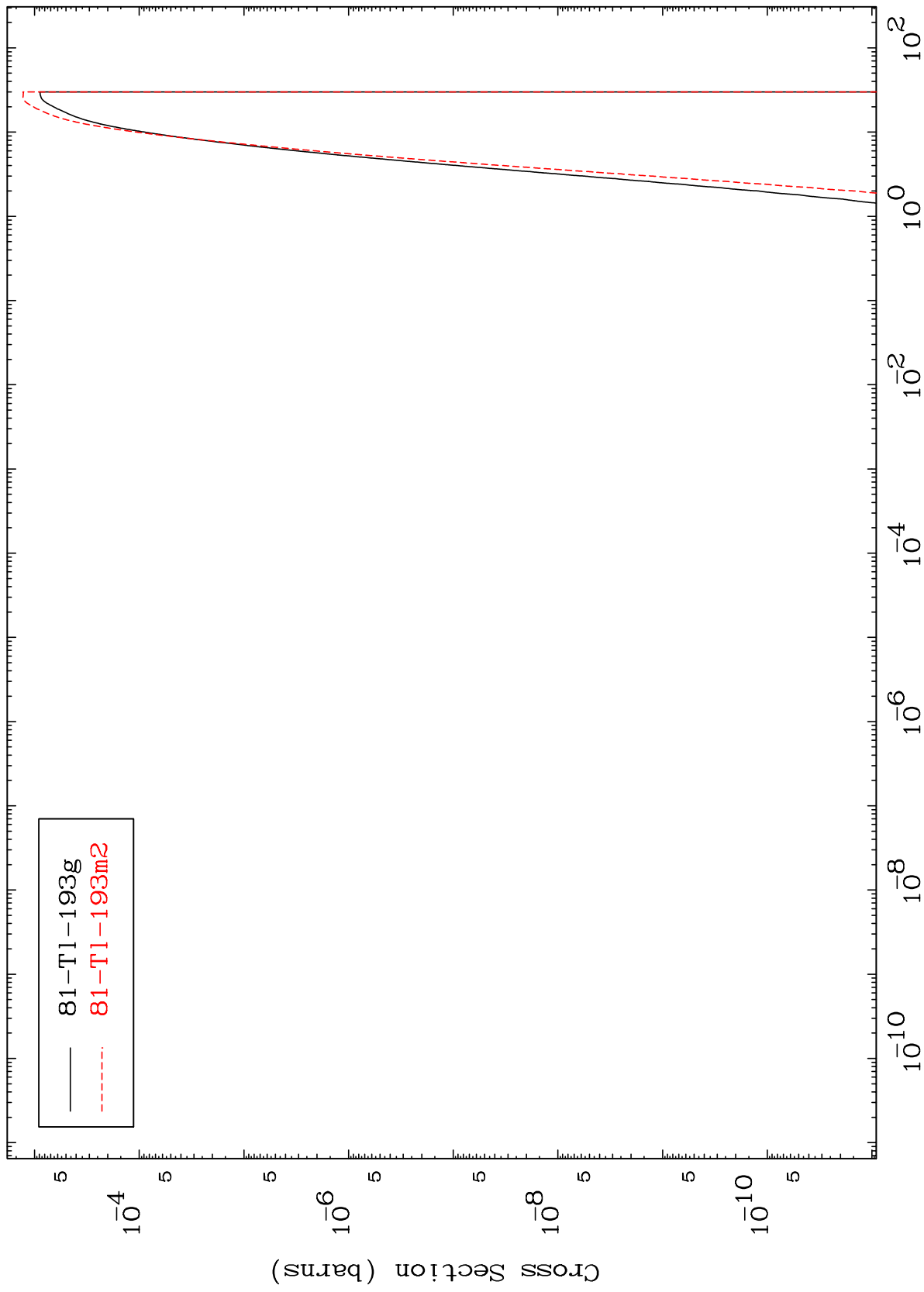
Incident Energy (MeV)

83-Bi-194

MAT 8280

⁸³Bi-194

(n,2p)
Radionuclide Production Cross Section



91

⁸³Bi-194

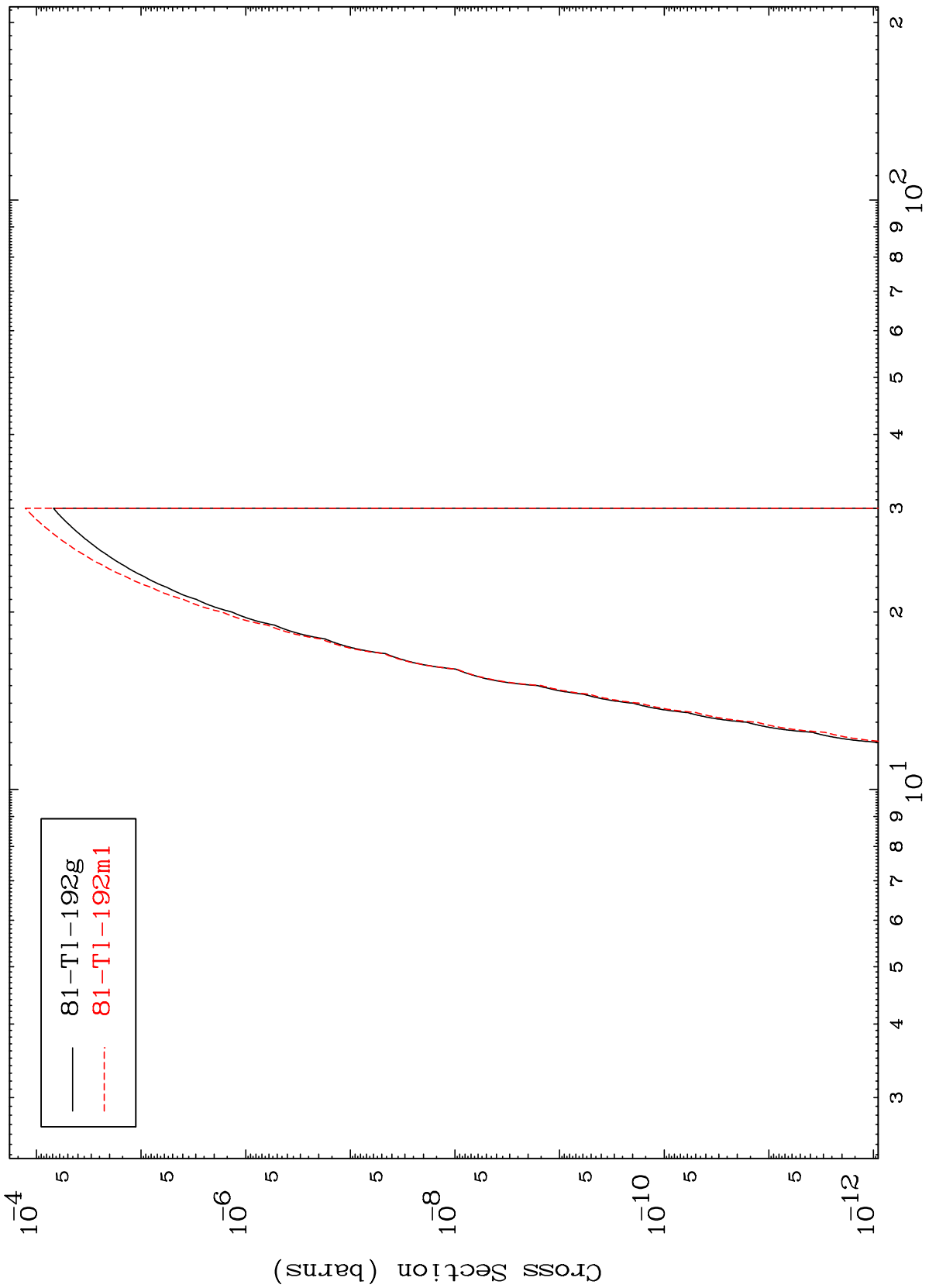
Incident Energy (MeV)

MAT 8280

(n,p) d

83-Bi-194

Radionuclide Production Cross Section



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

92

Incident Energy (MeV)

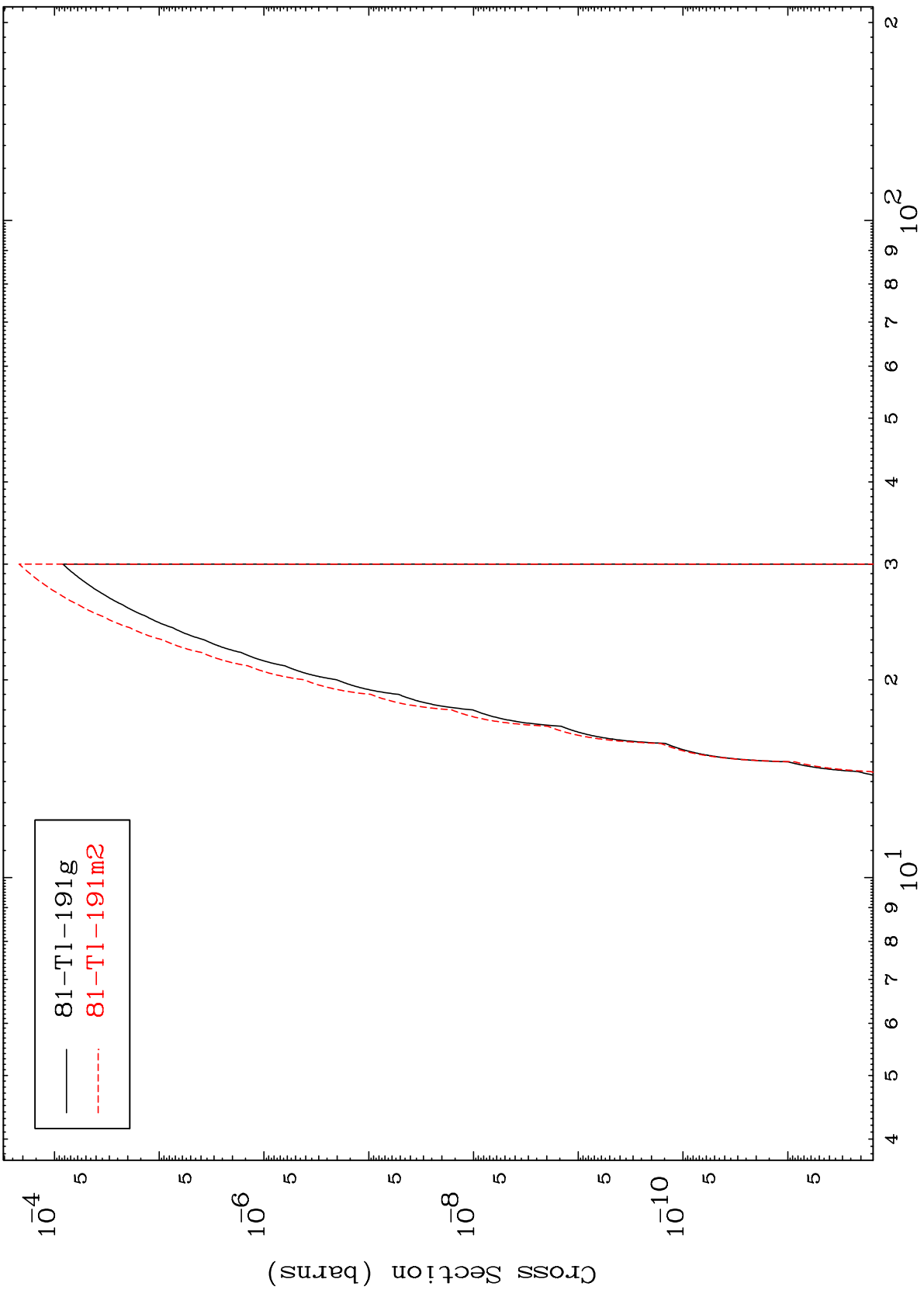
83-Bi-194

MAT 8280

(n,p) t

83-Bi-194

Radionuclide Production Cross Section



93

Incident Energy (MeV)

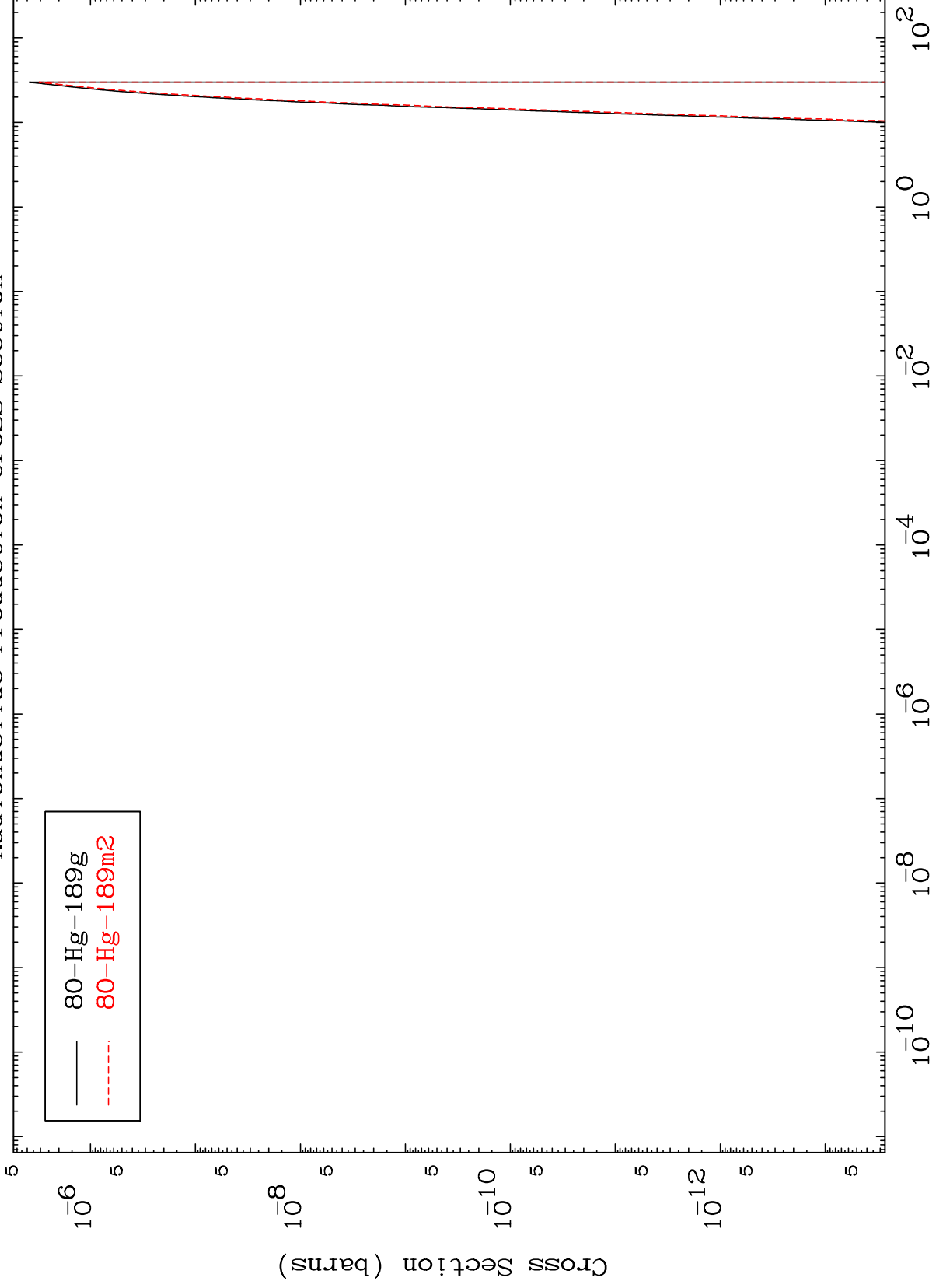
83-Bi-194

MAT 8280

(n,d) α

83-Bi-194

Radionuclide Production Cross Section



94

Incident Energy (MeV)

83-Bi-194