

Program EVALPLOT
(Version 2021-1)

by

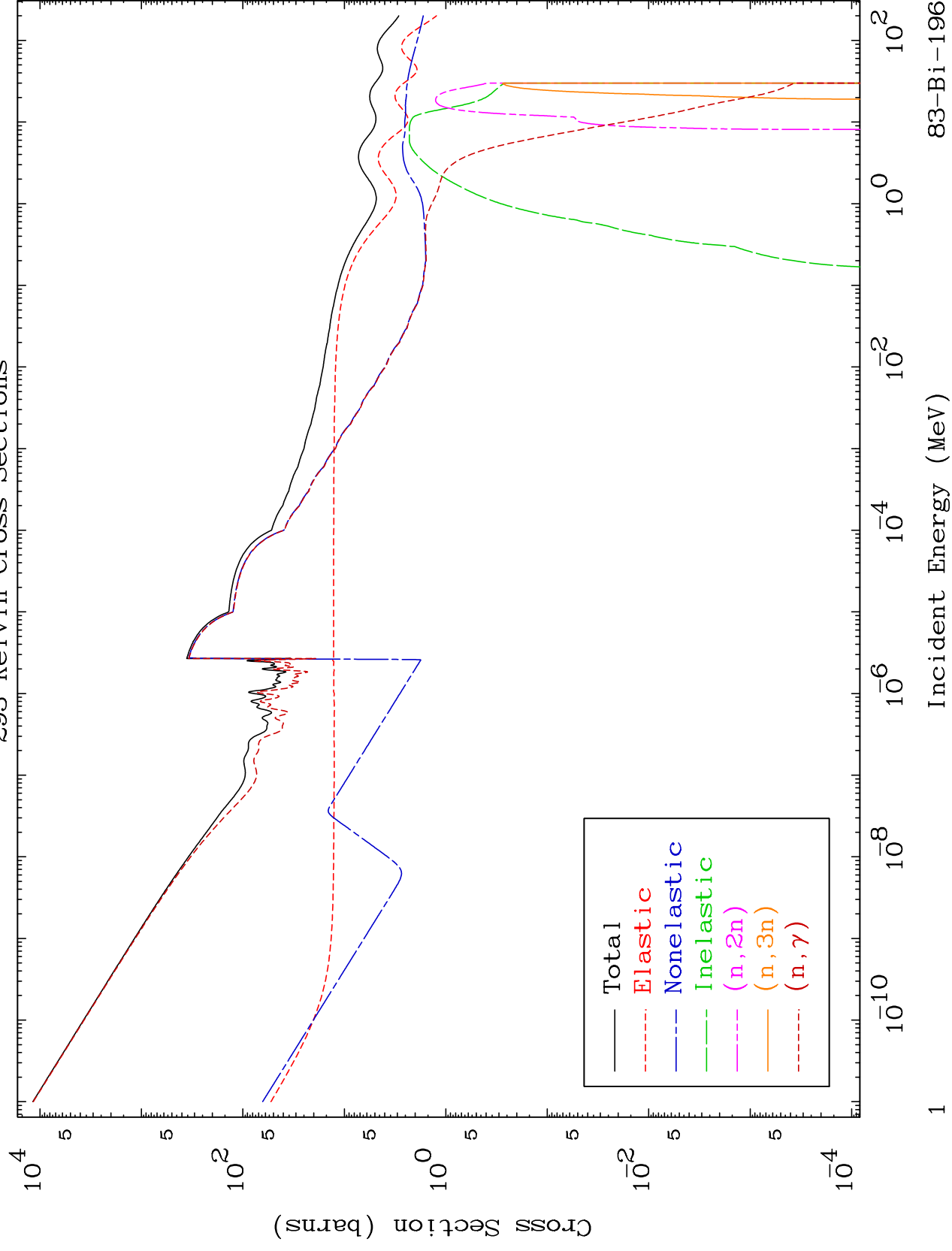
Dermott E. Cullen
(Present Contact Information)

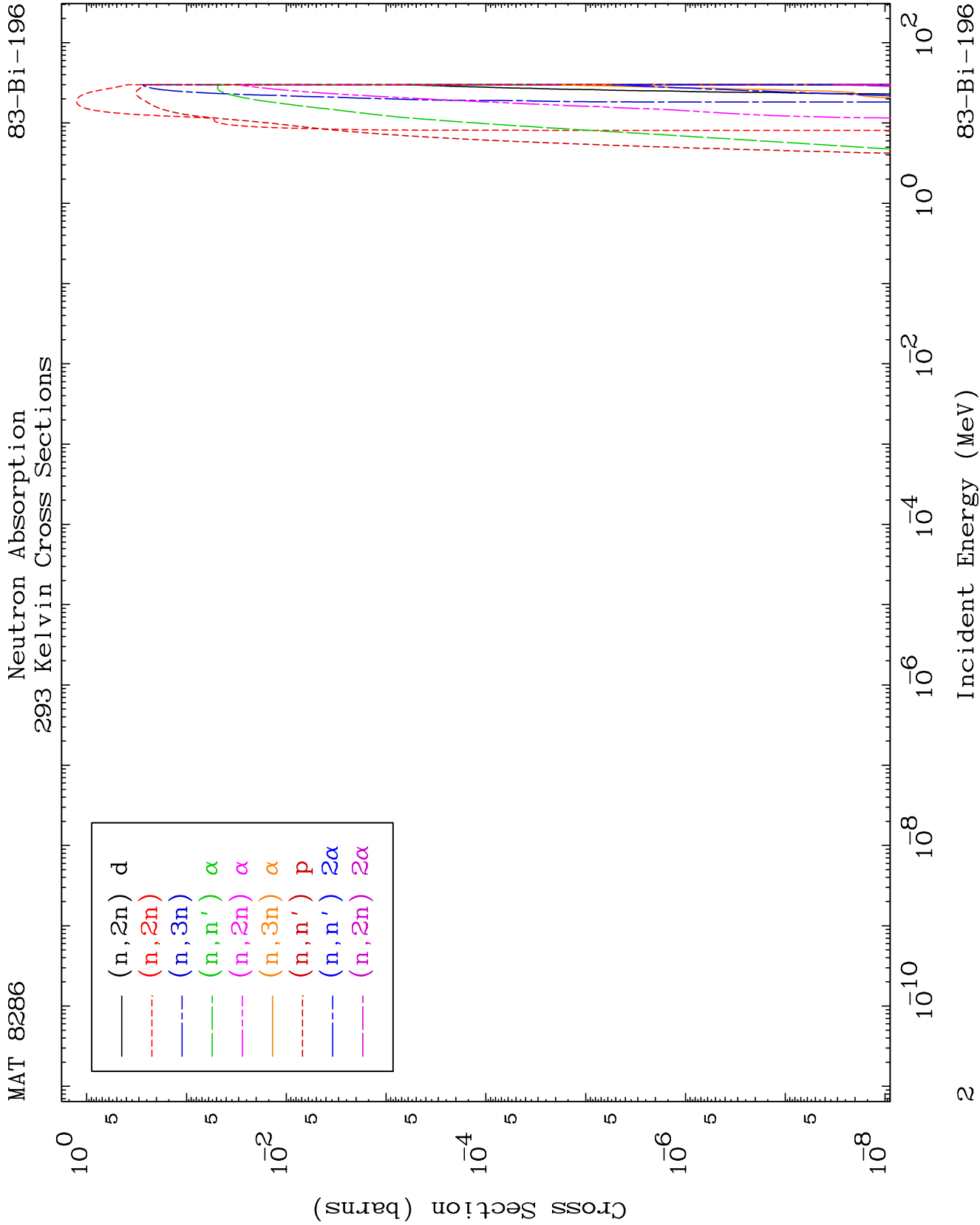
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

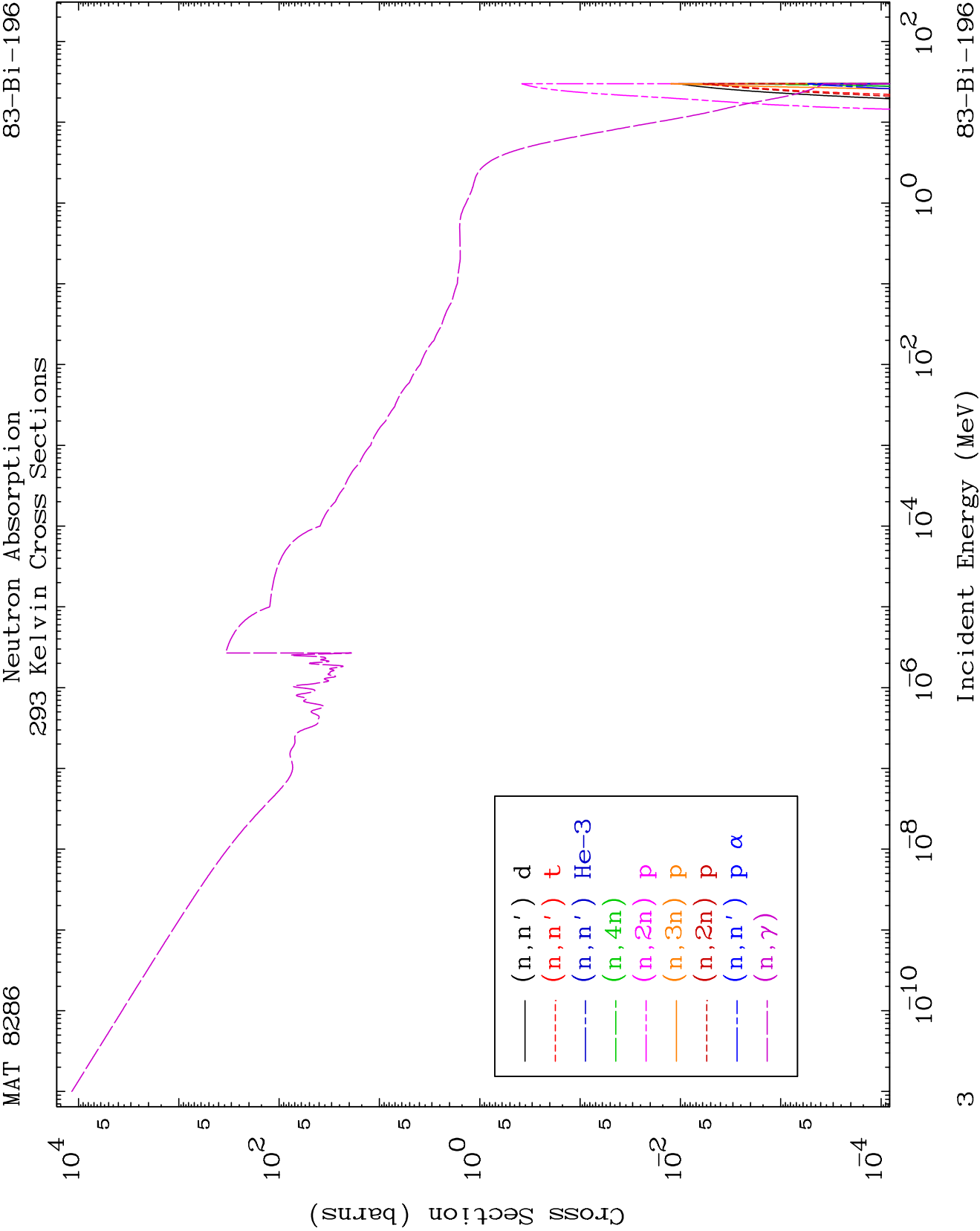
Tele: 925-443-1911

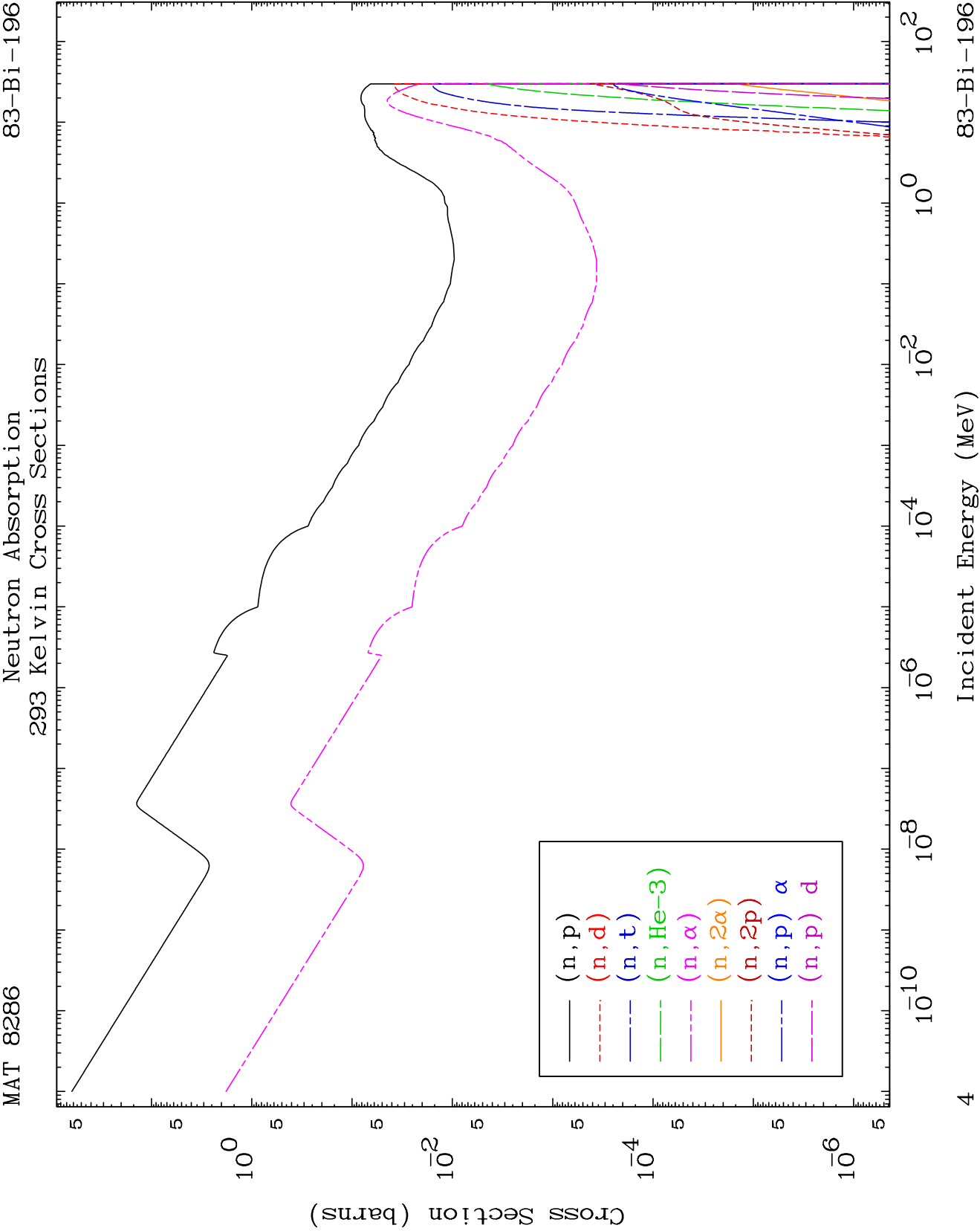
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

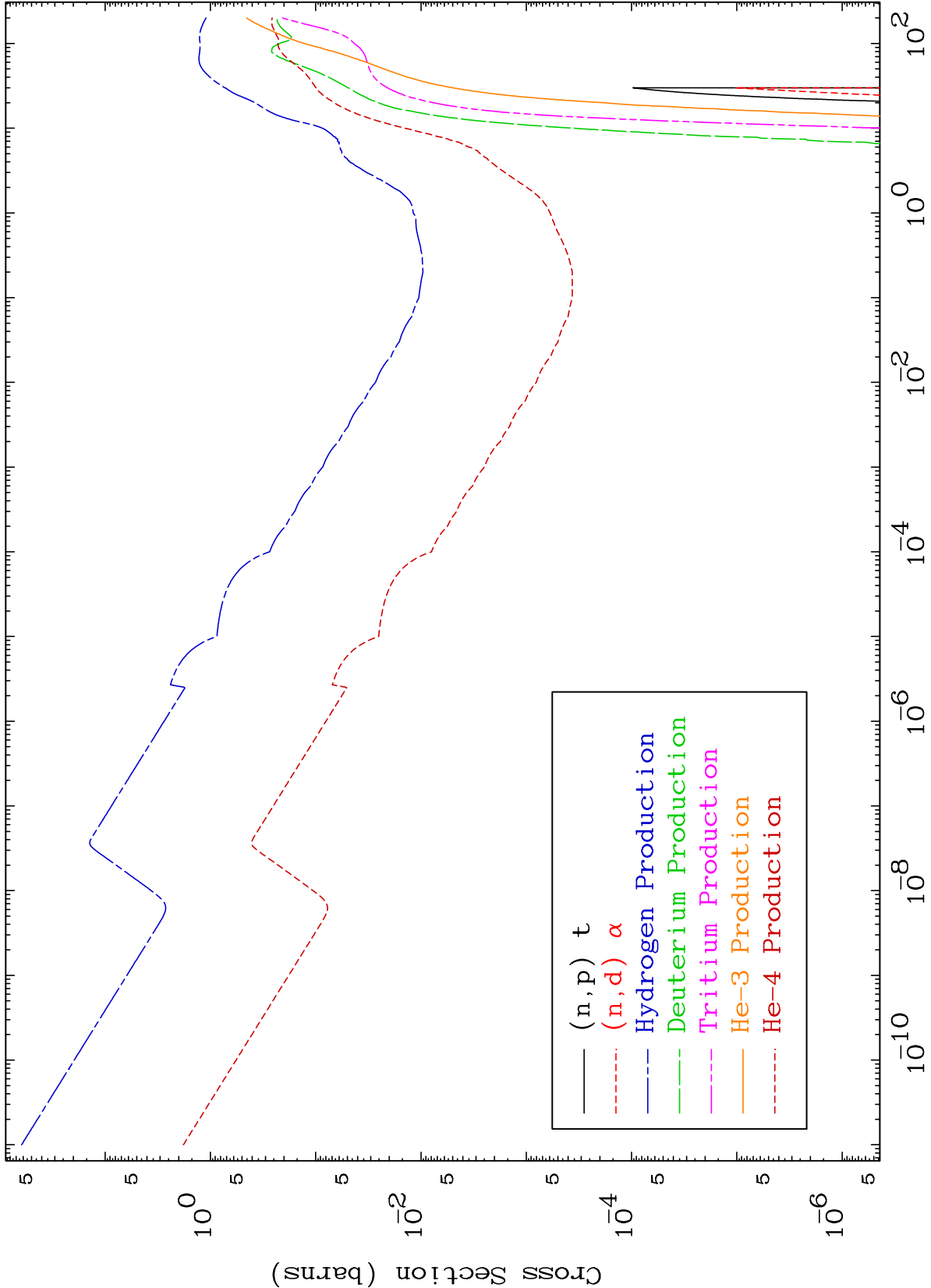
Press Mouse Button to Start

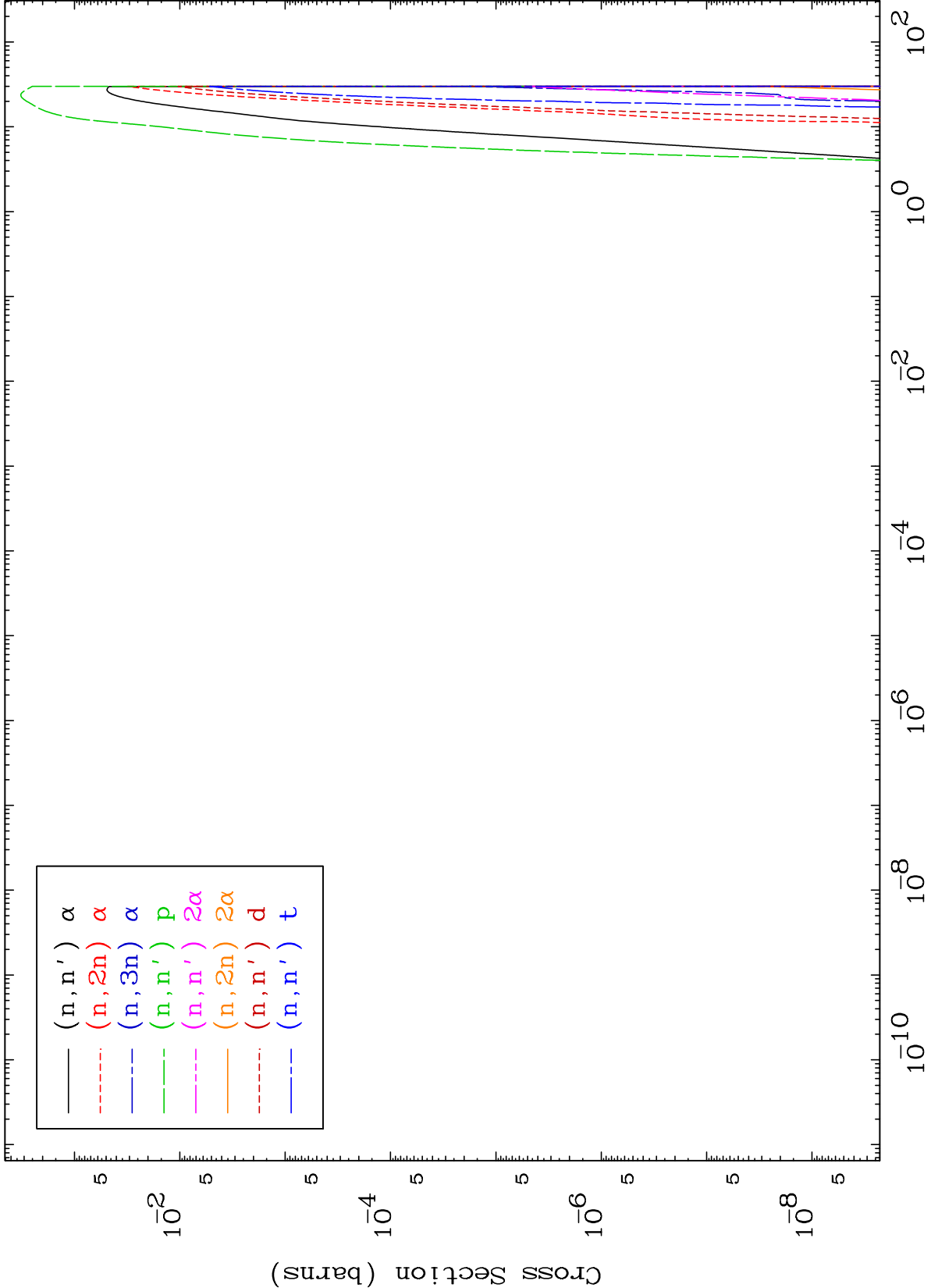








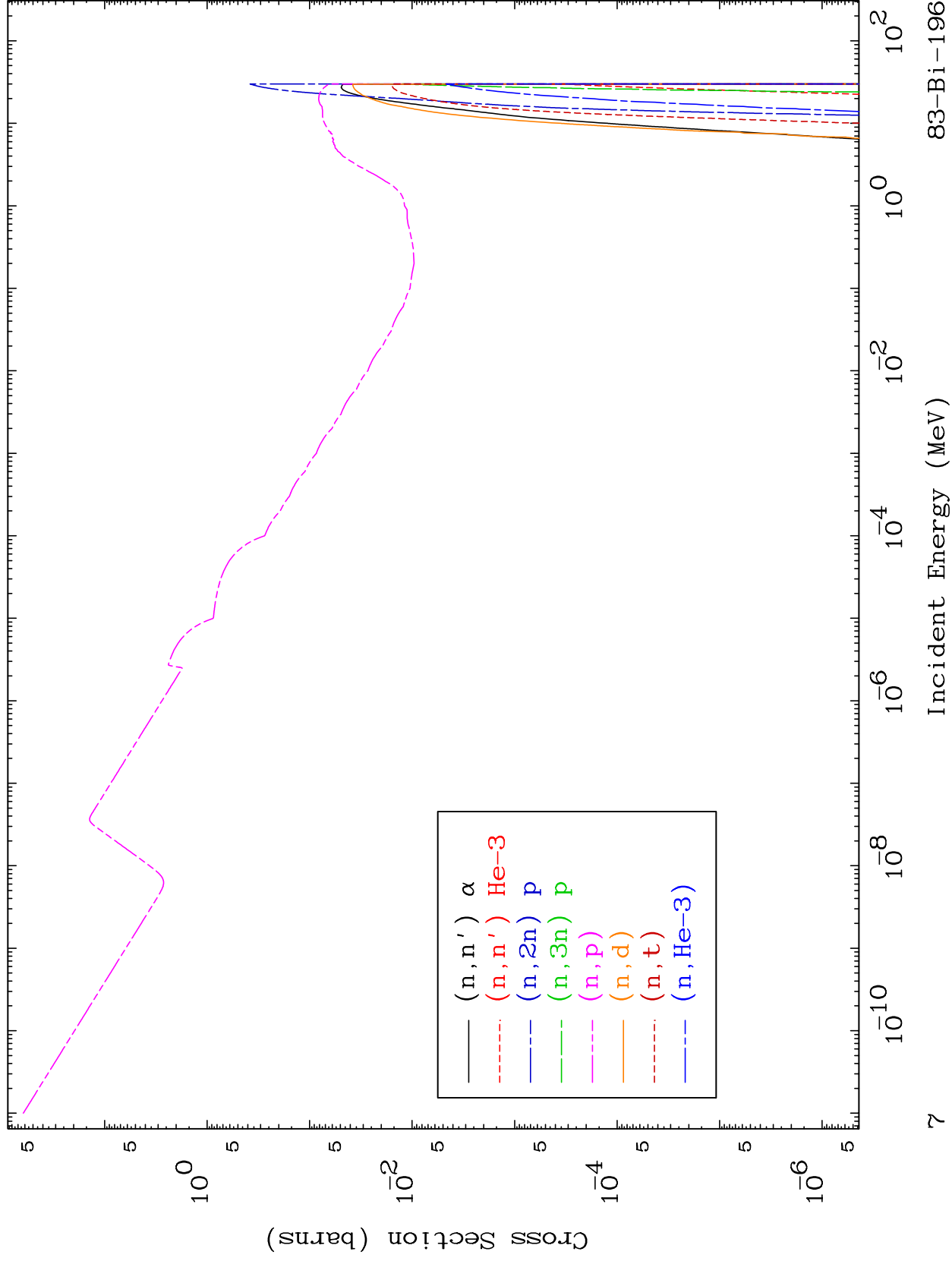


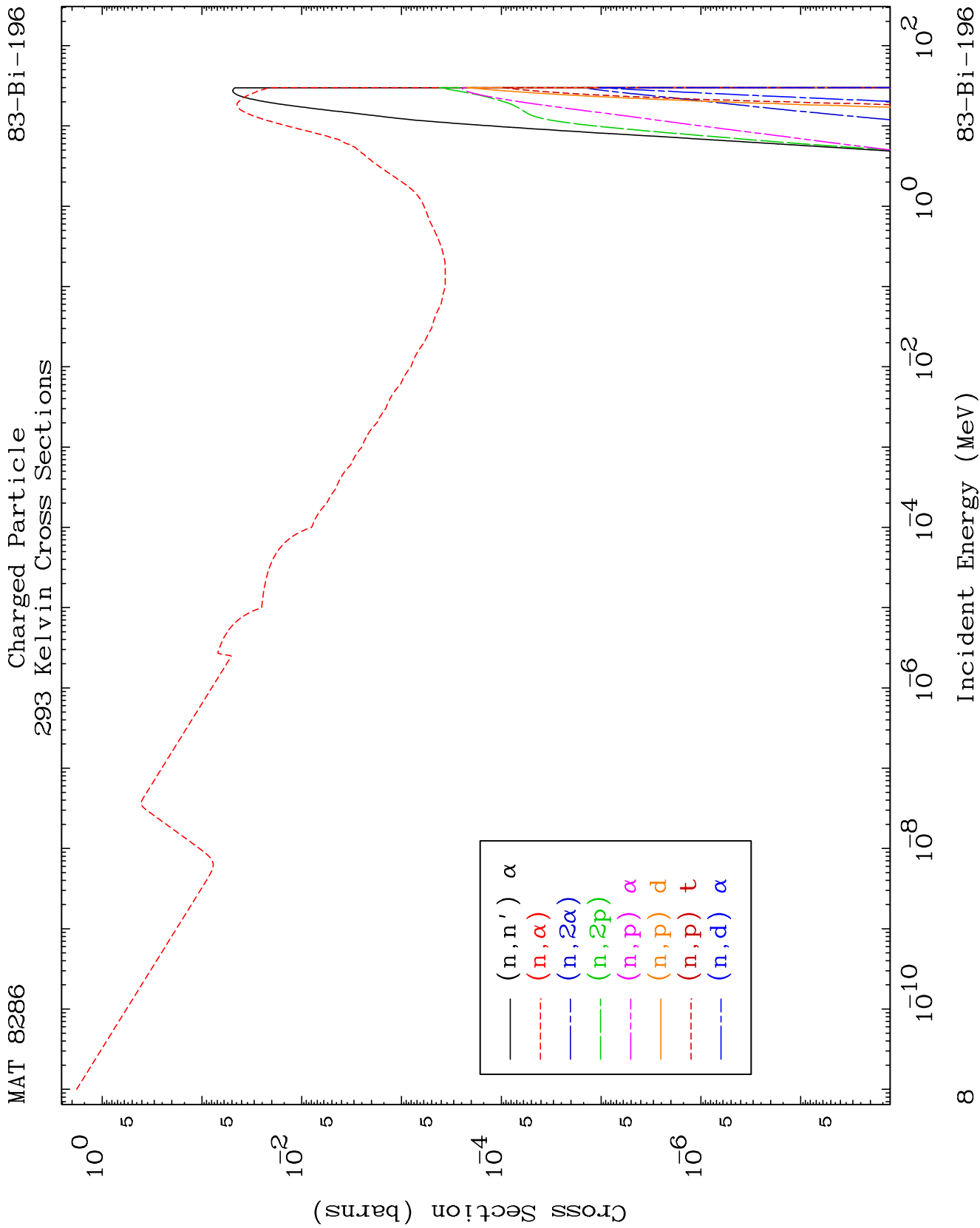


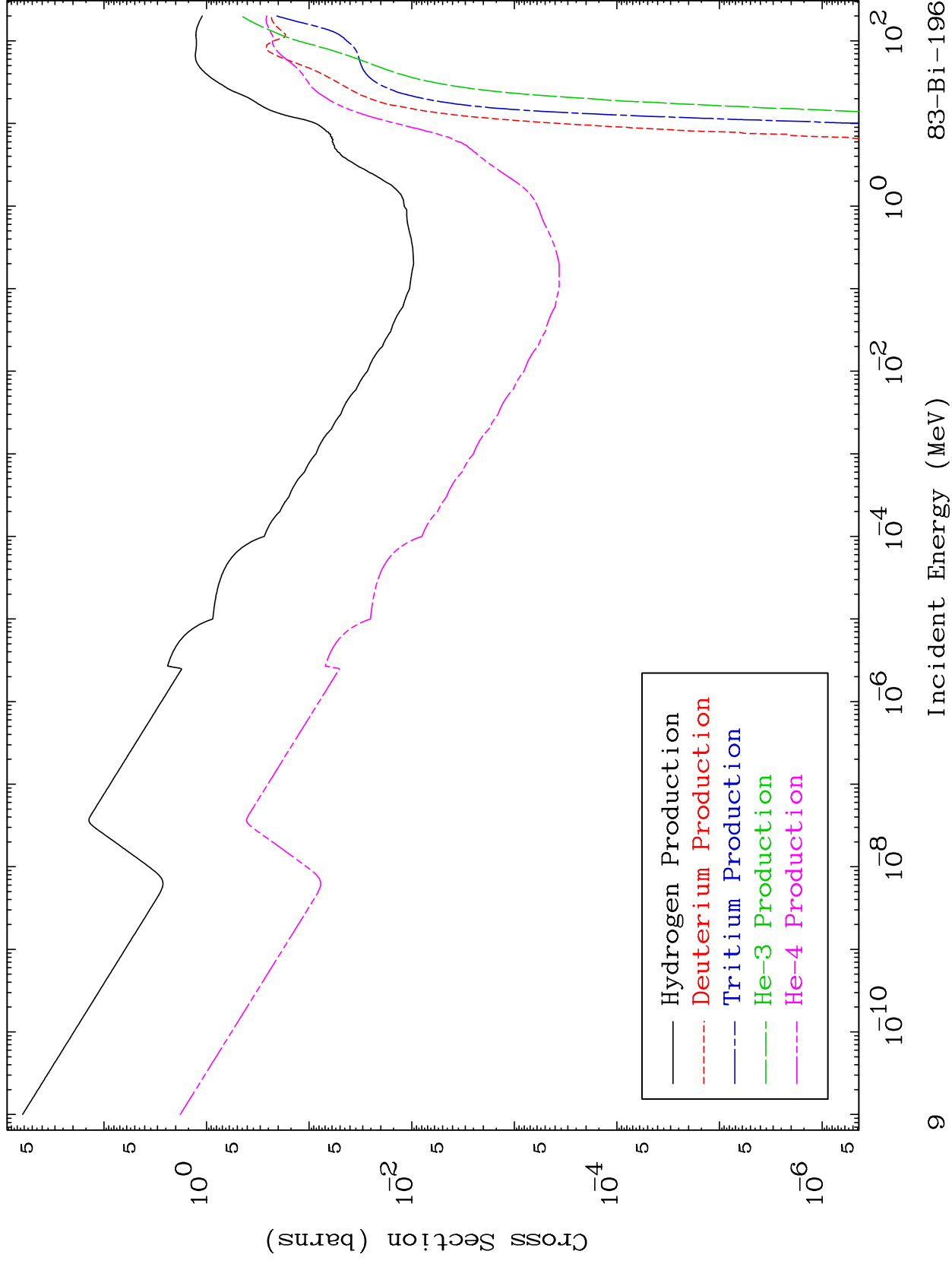
MAT 8286

Charged Particle
293 Kelvin Cross Sections

83-Bi-196



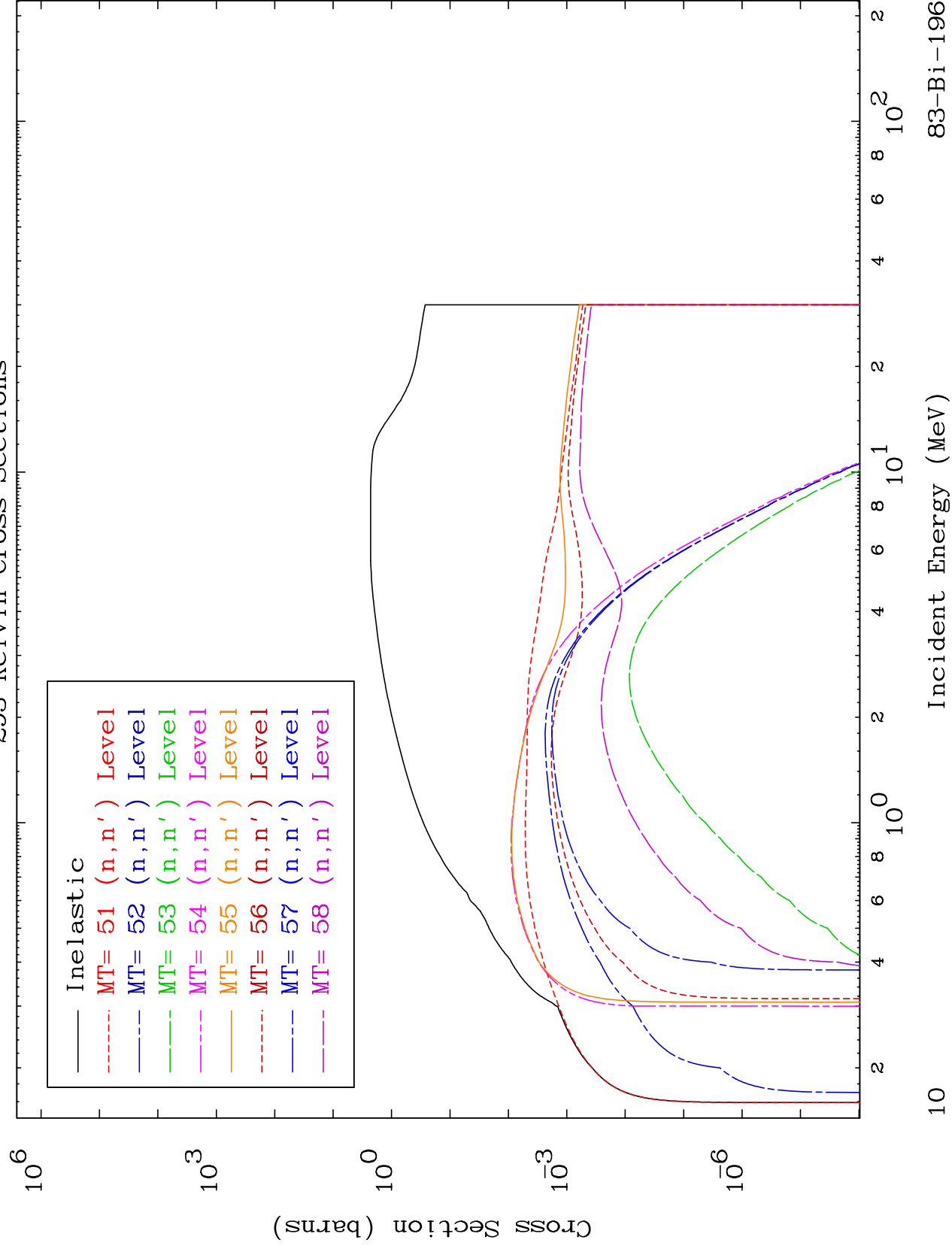


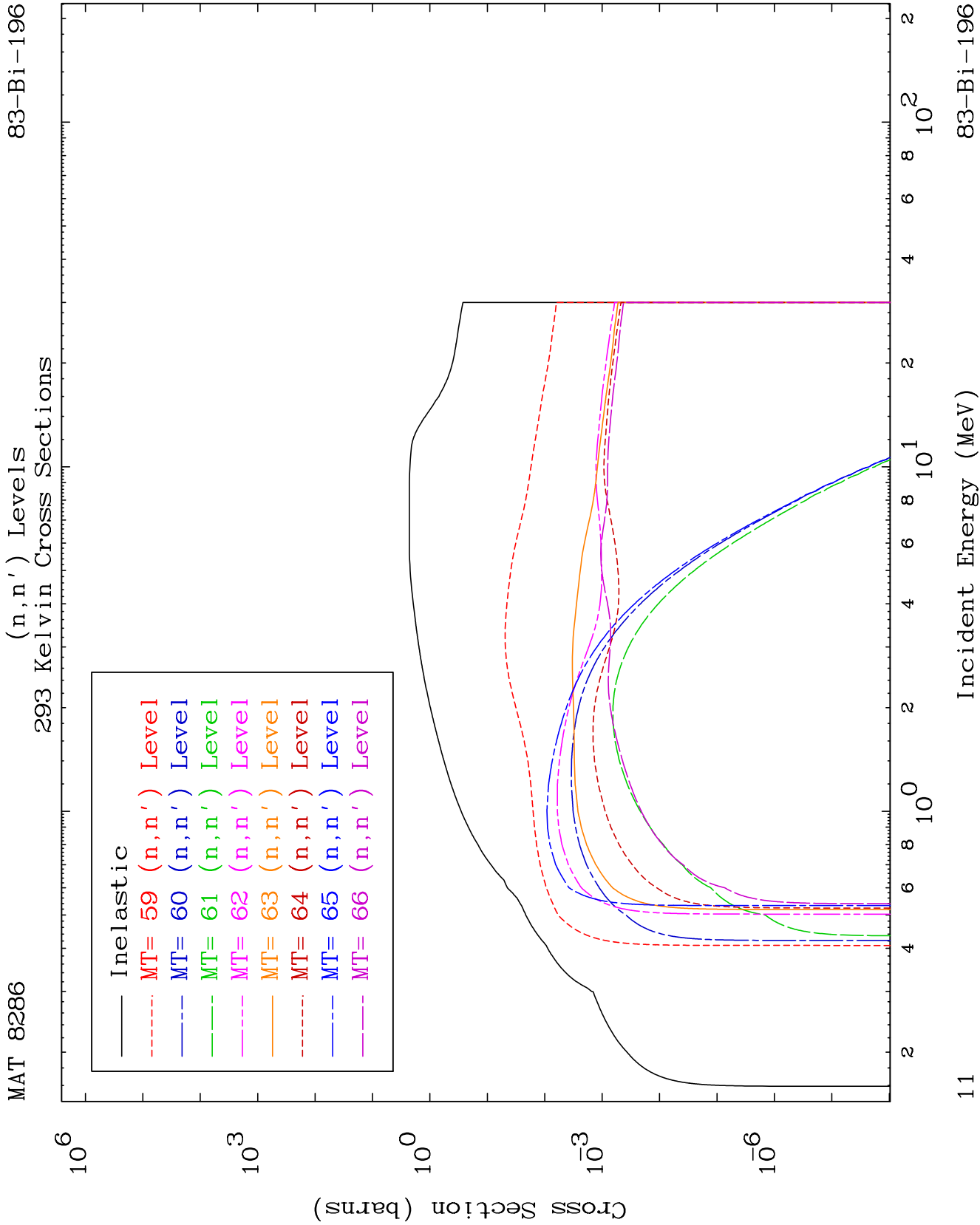


MAT 8286

83-Bi-196

(n, n') Levels
293 Kelvin Cross Sections

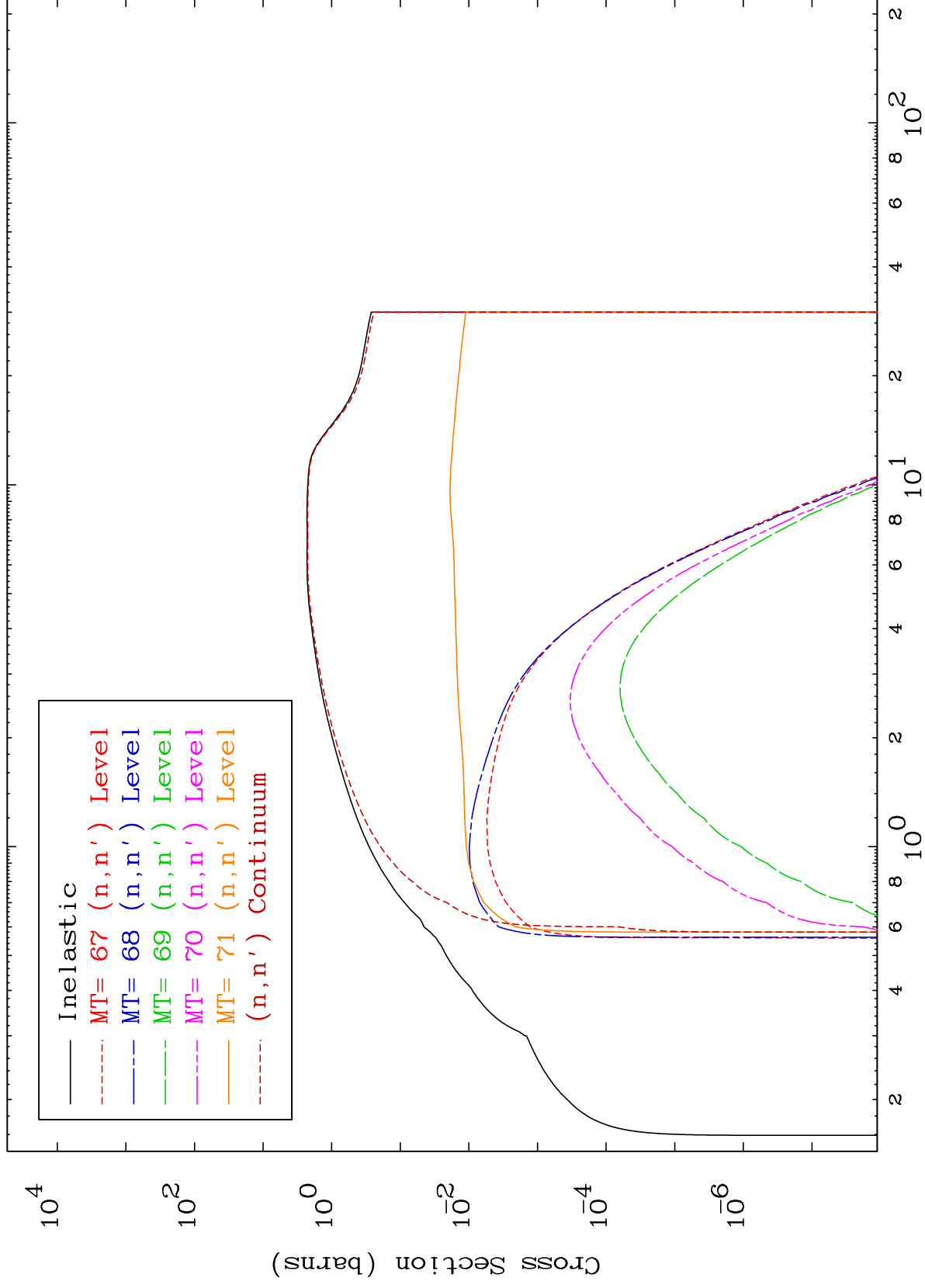




MAT 8286

83-Bi-196

(n,n') Levels
293 Kelvin Cross Sections



12

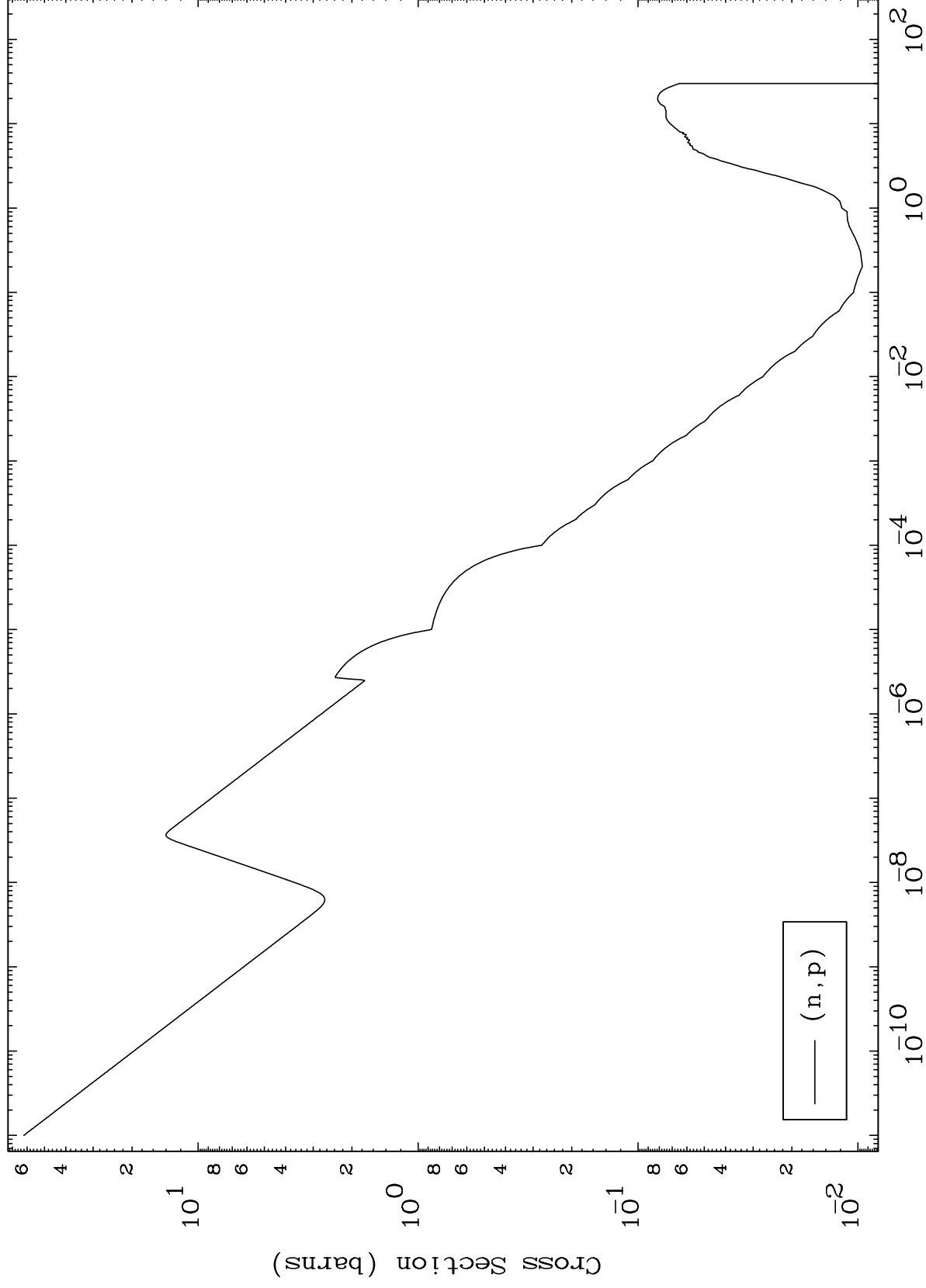
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(n,p) Levels
293 Kelvin Cross Sections



— (n,p)

83-Bi-196

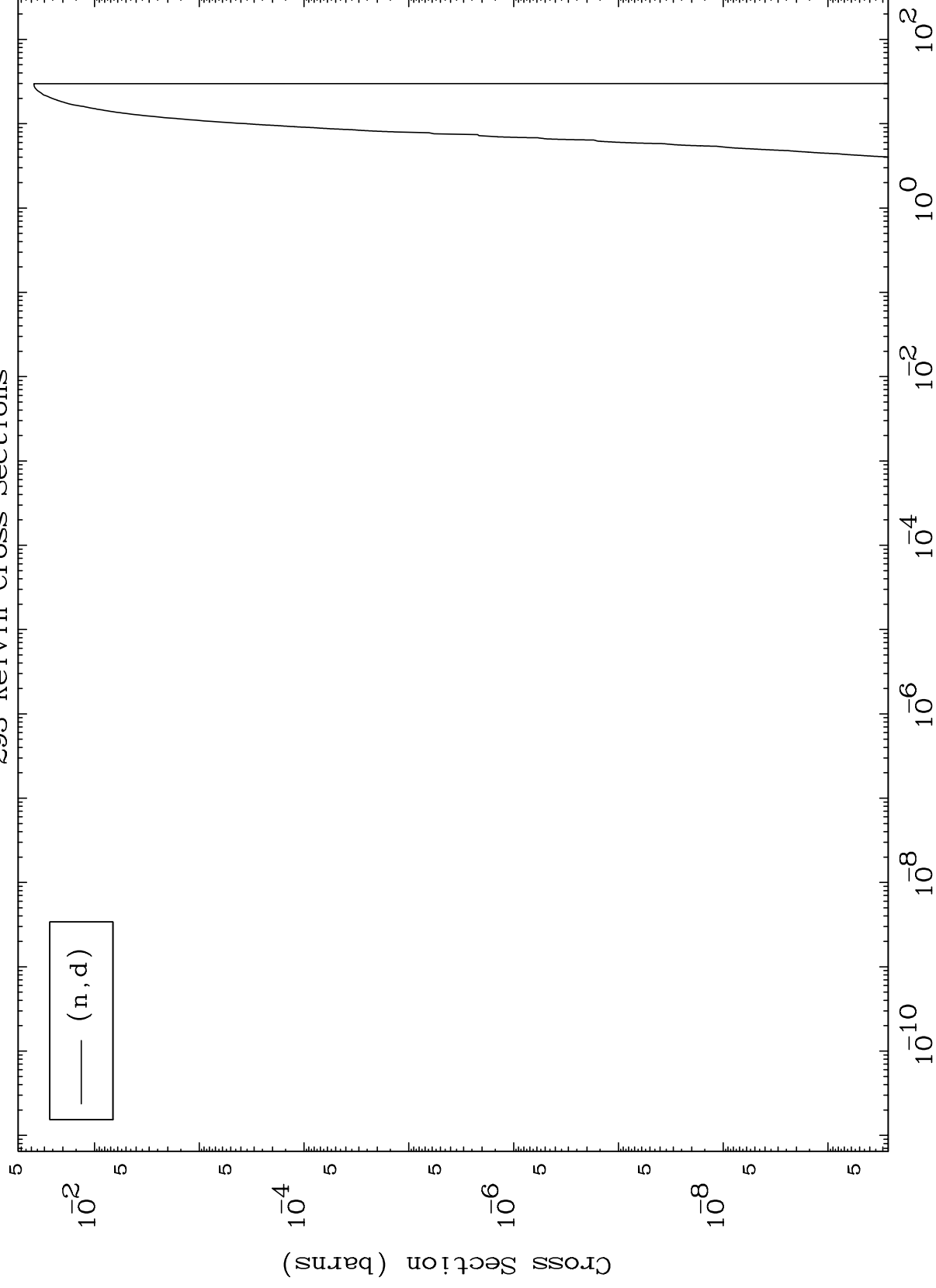
Incident Energy (MeV)

13

MAT 8286

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-196



14

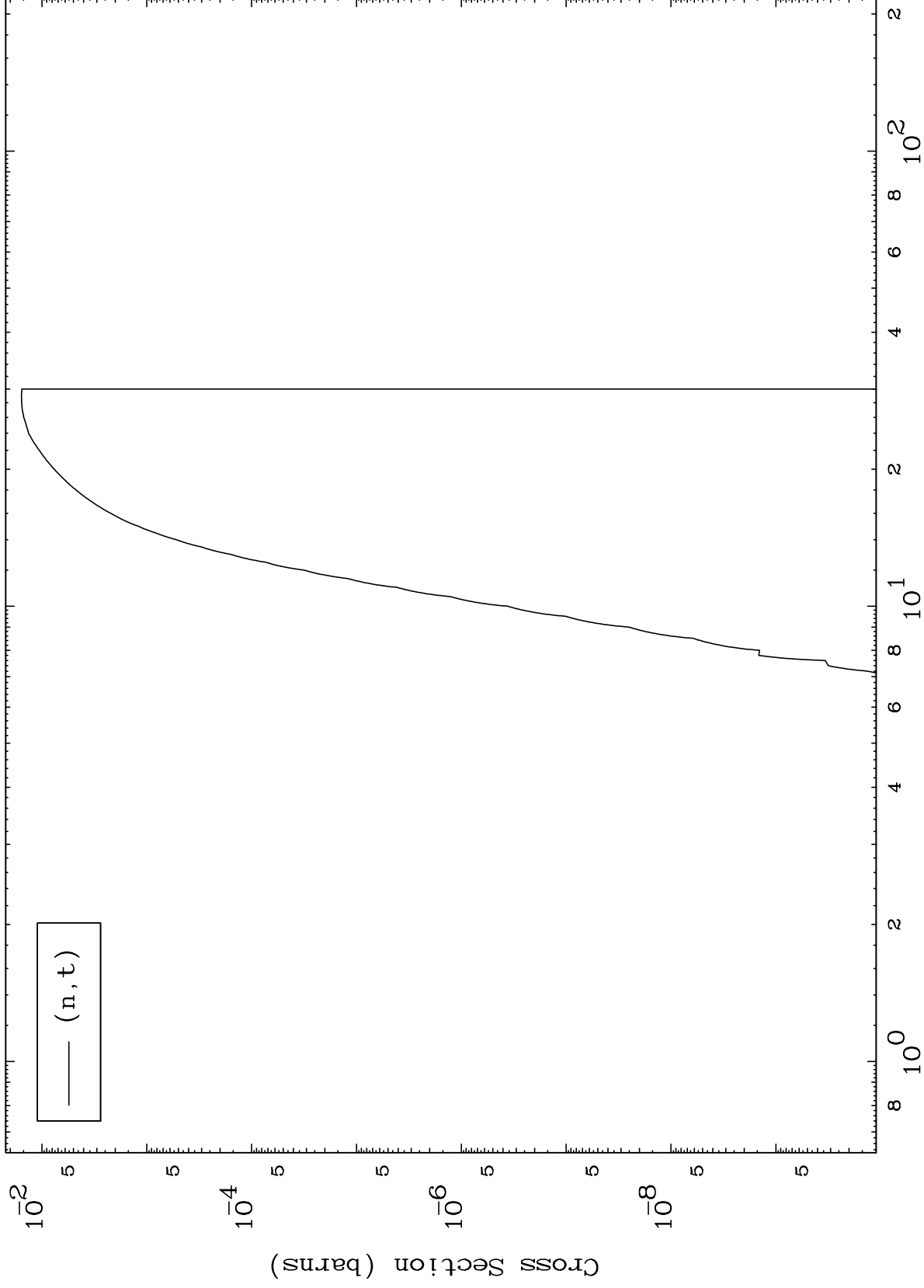
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

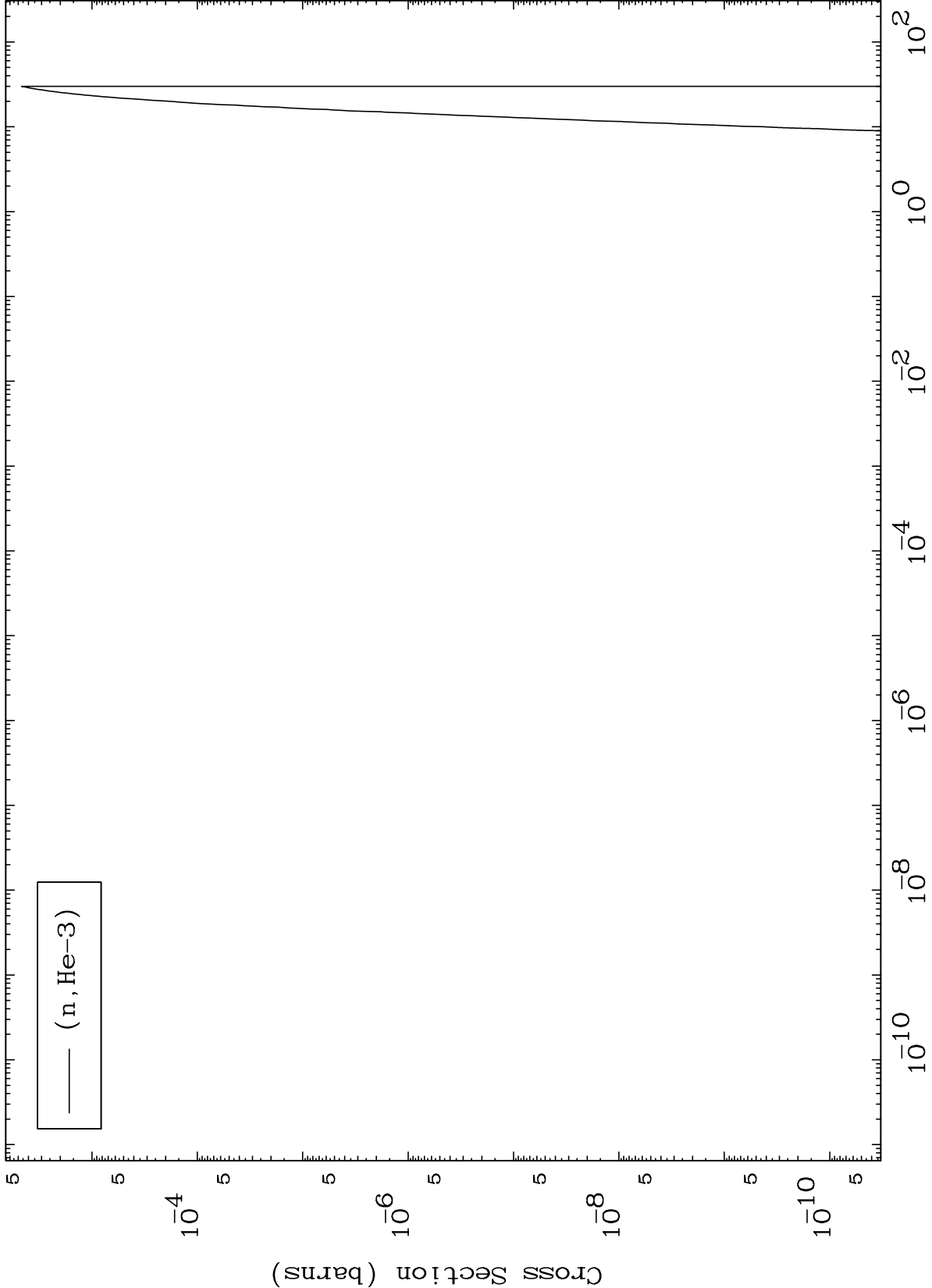
(n,t) Levels
293 Kelvin Cross Sections



15

Incident Energy (MeV)

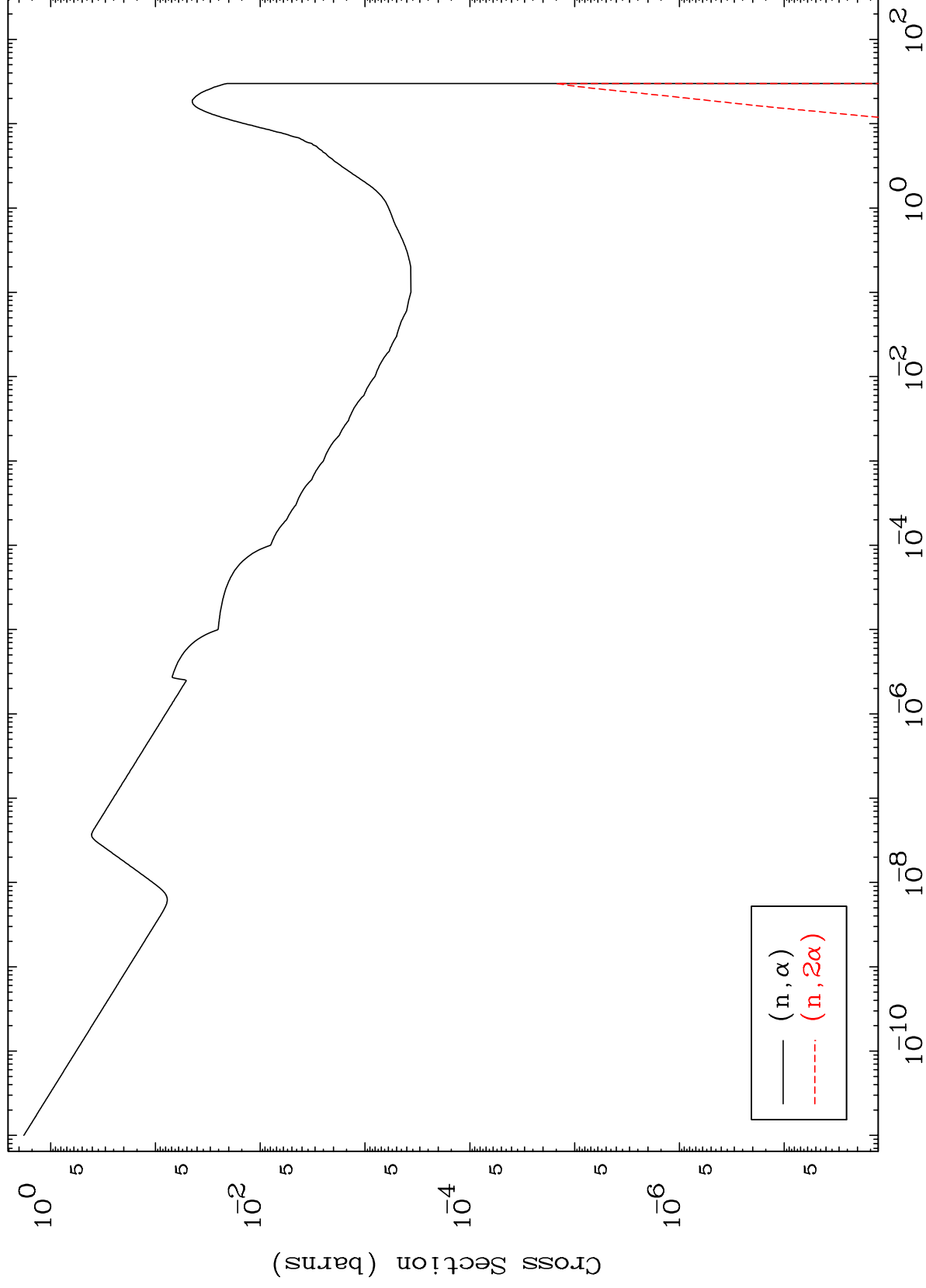
83-Bi-196



MAT 8286

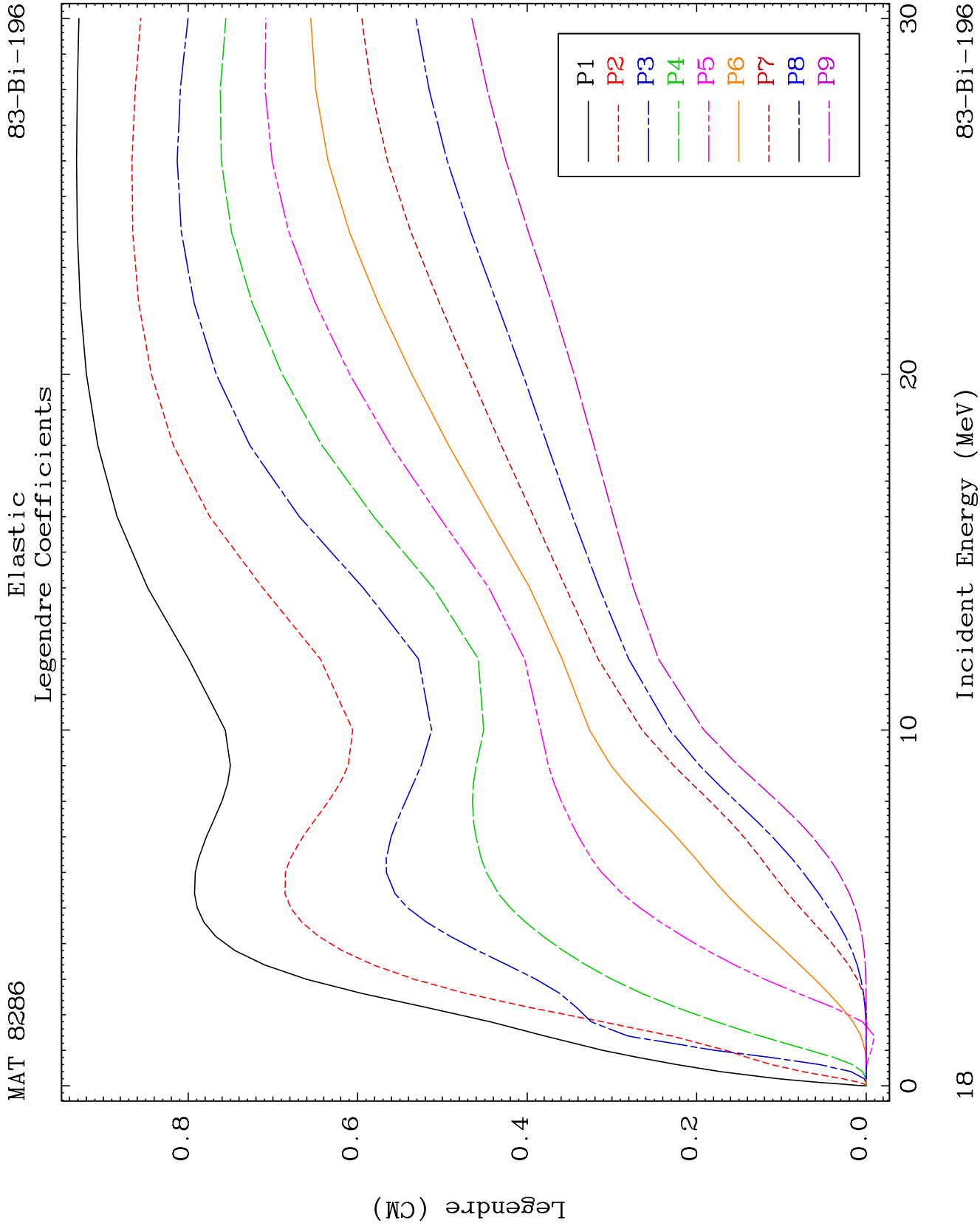
83-Bi-196

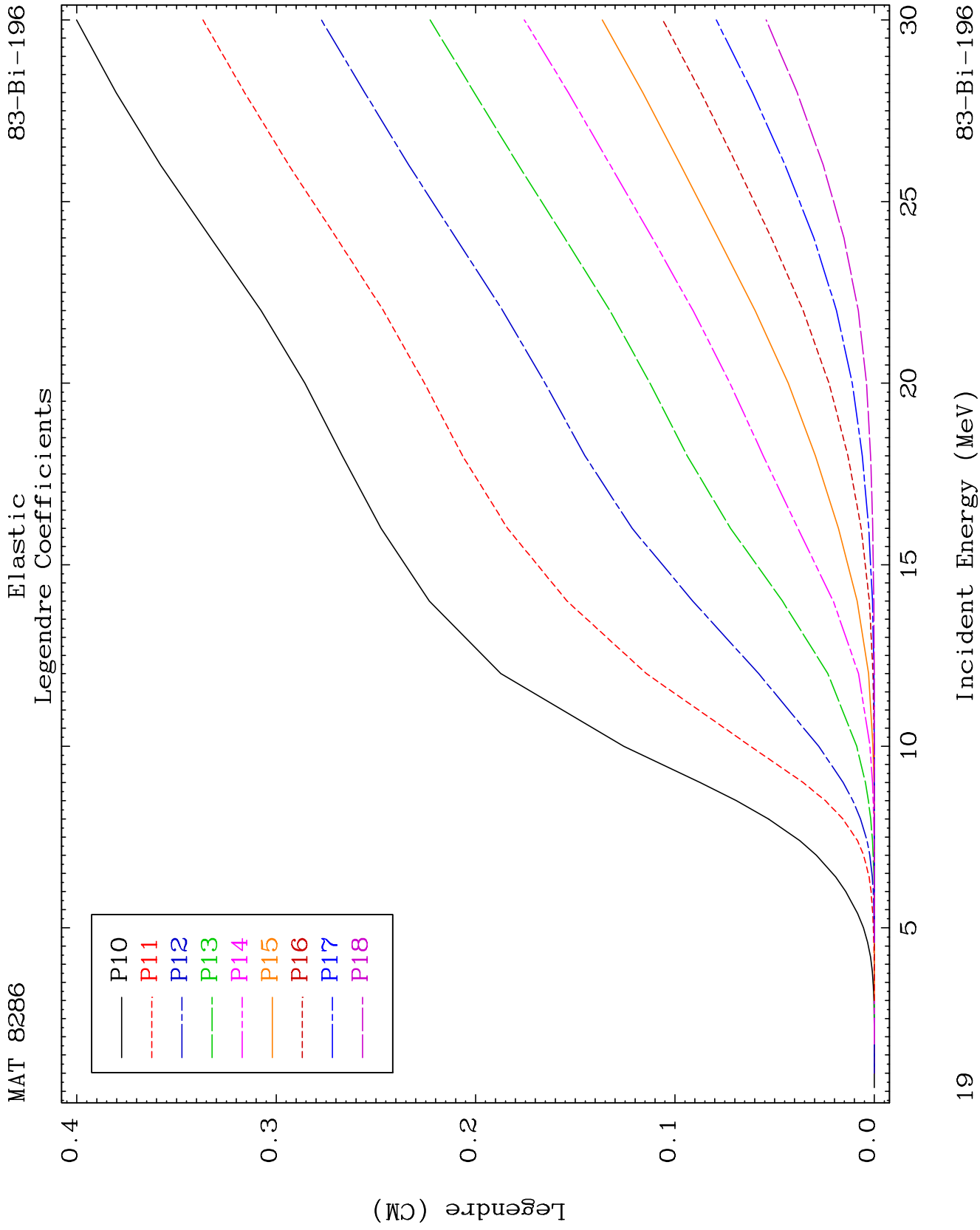
(n, α) Levels
293 Kelvin Cross Sections



83-Bi-196

Incident Energy (MeV)

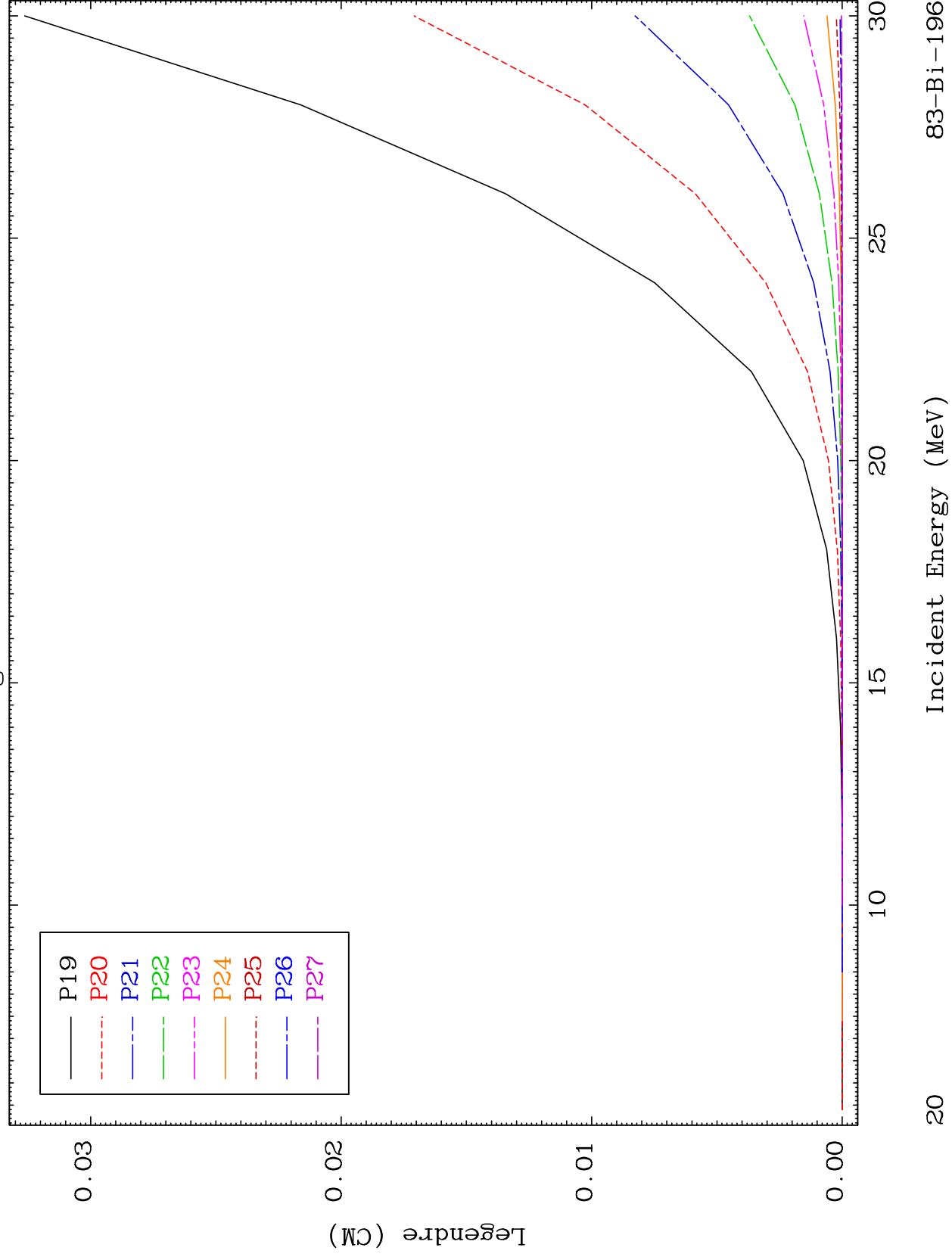




MAT 8286

Elastic Legendre Coefficients

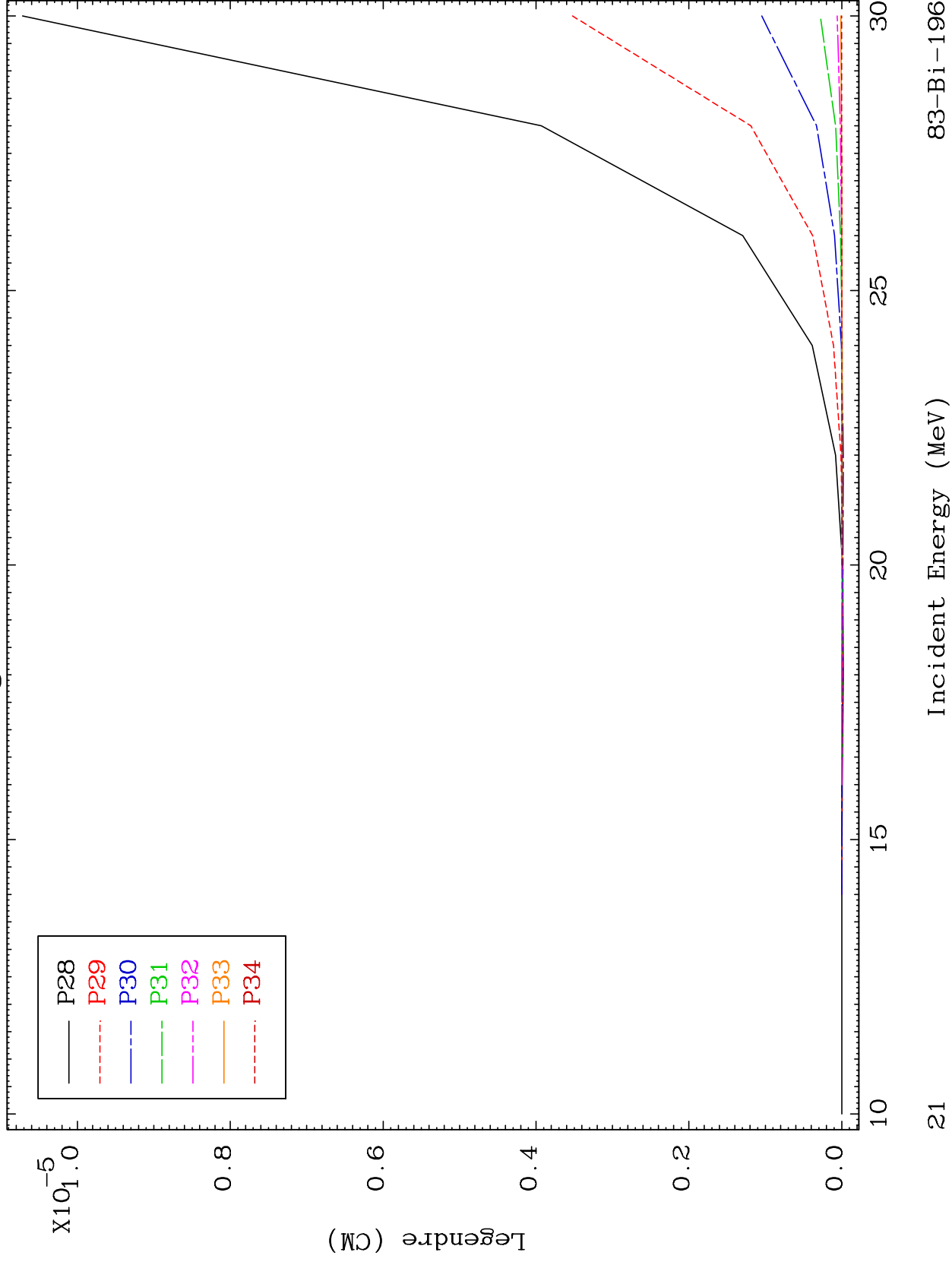
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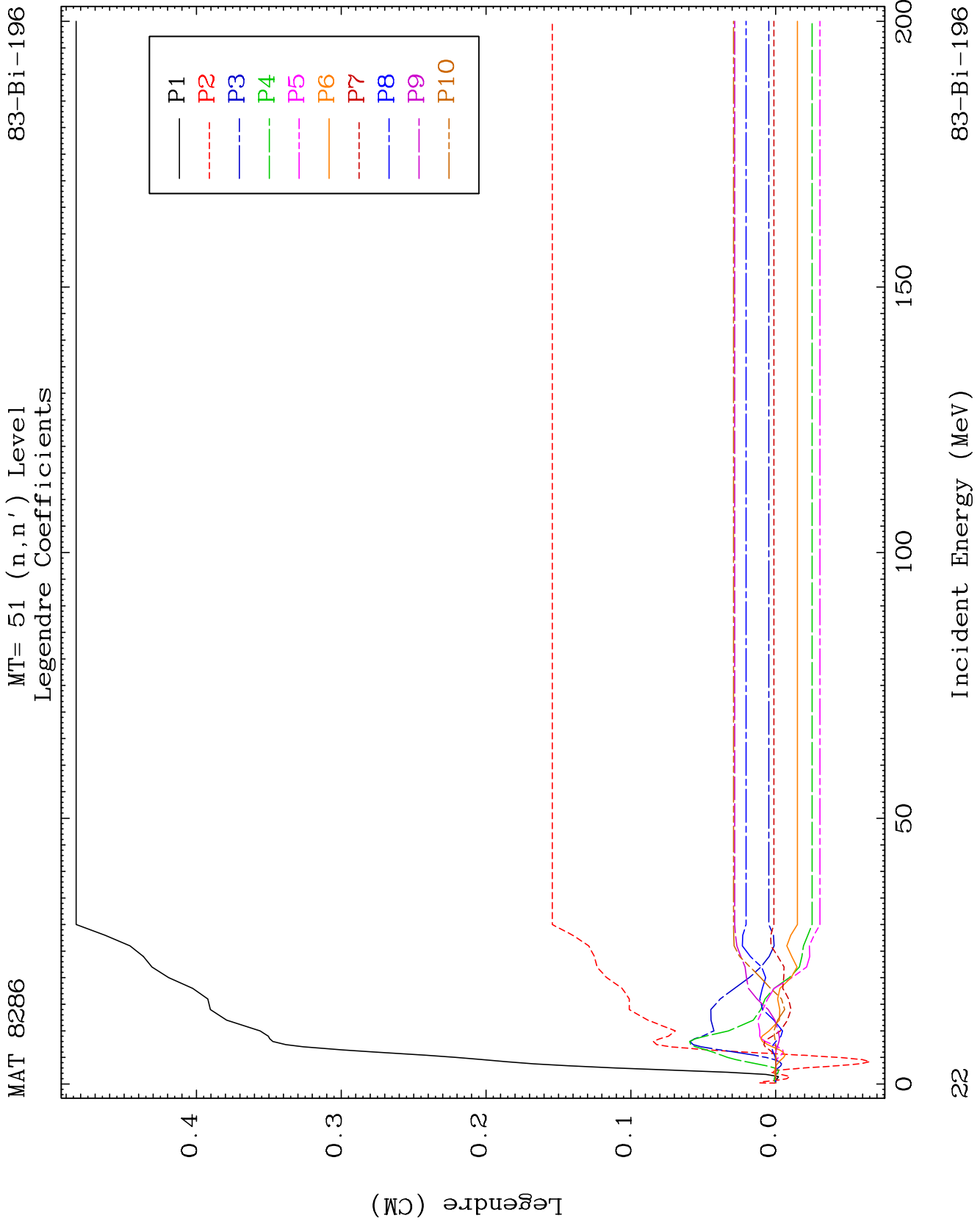


MAT 8286

Elastic Legendre Coefficients

83-Bi-196

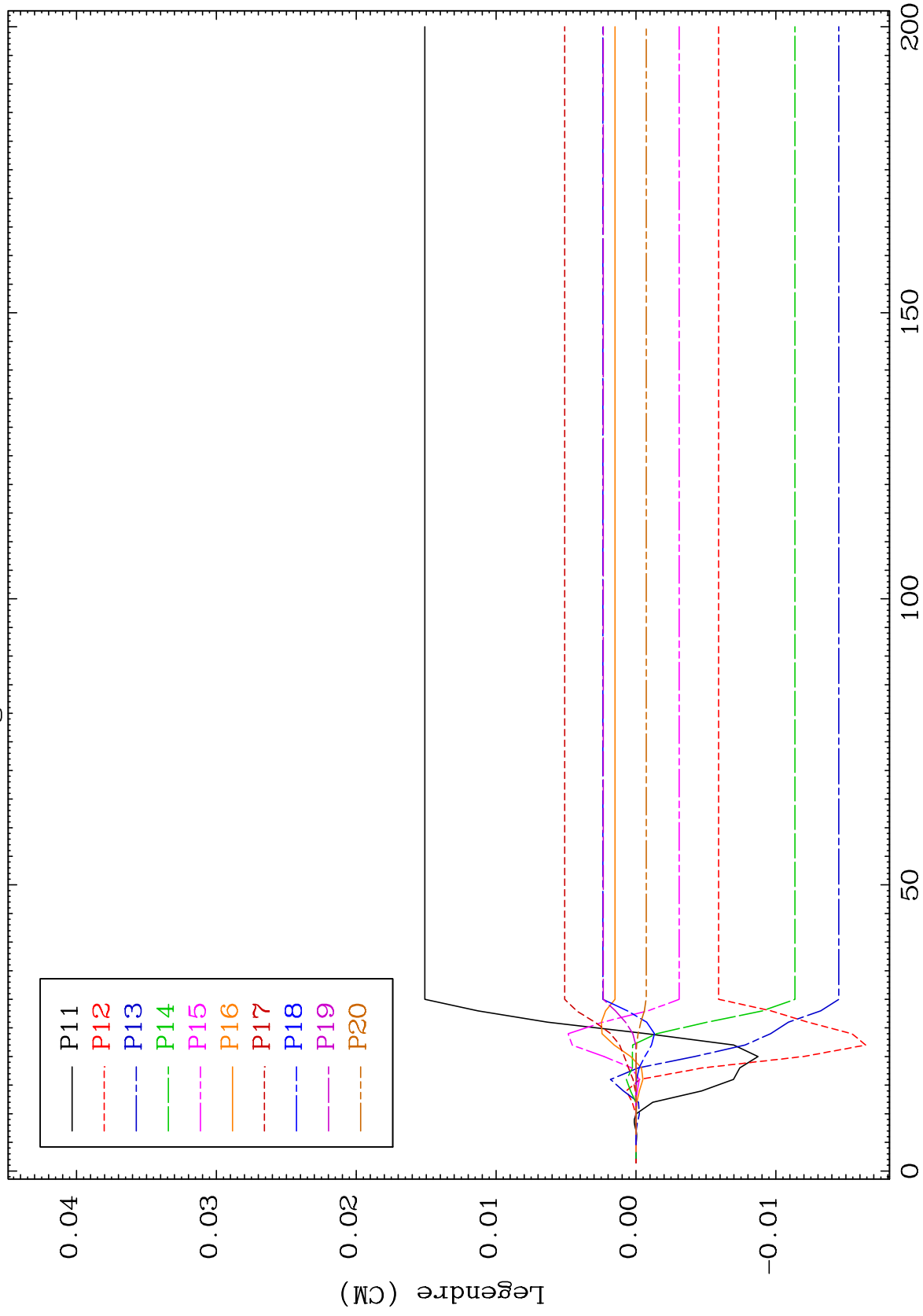




MAT 8286

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

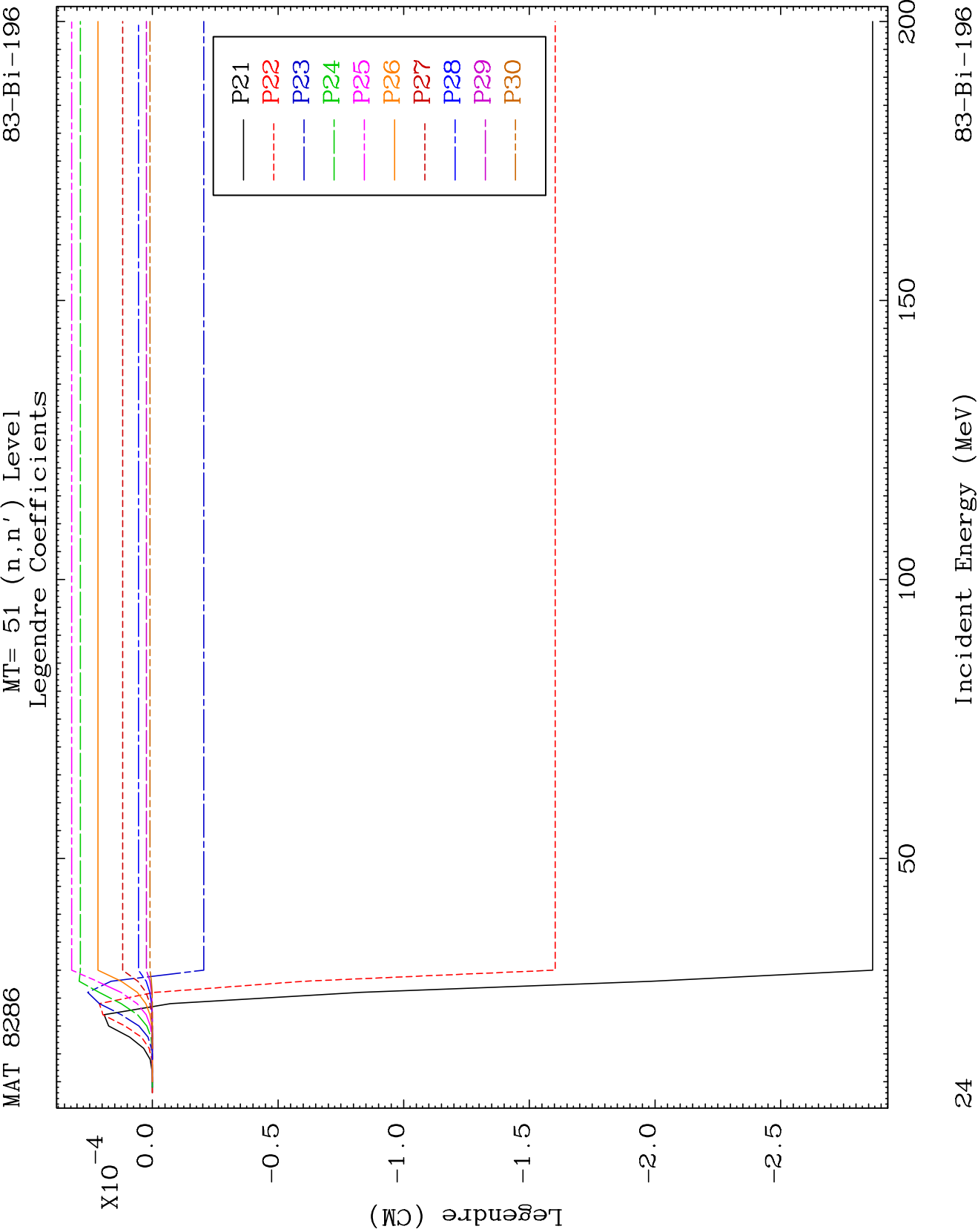
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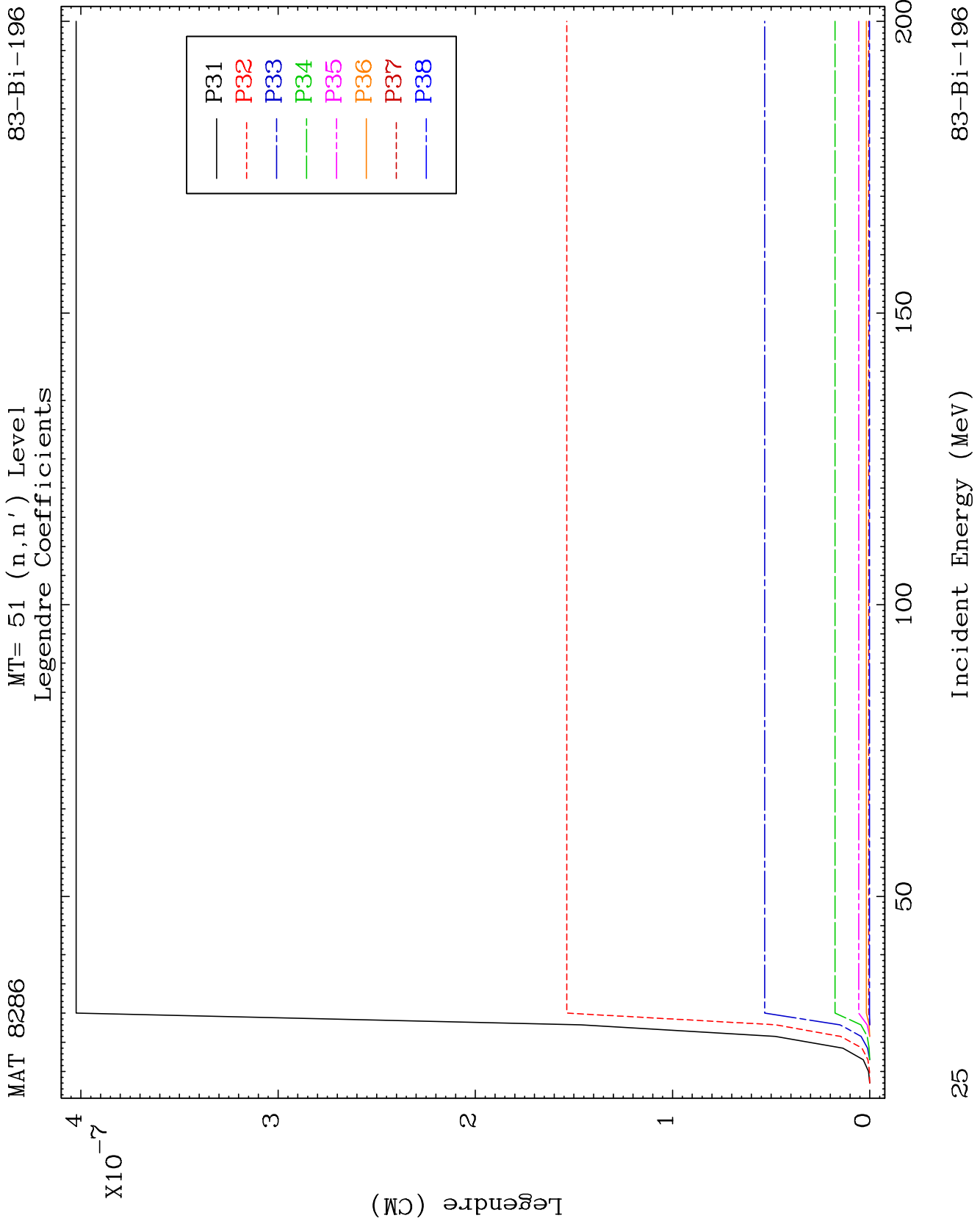


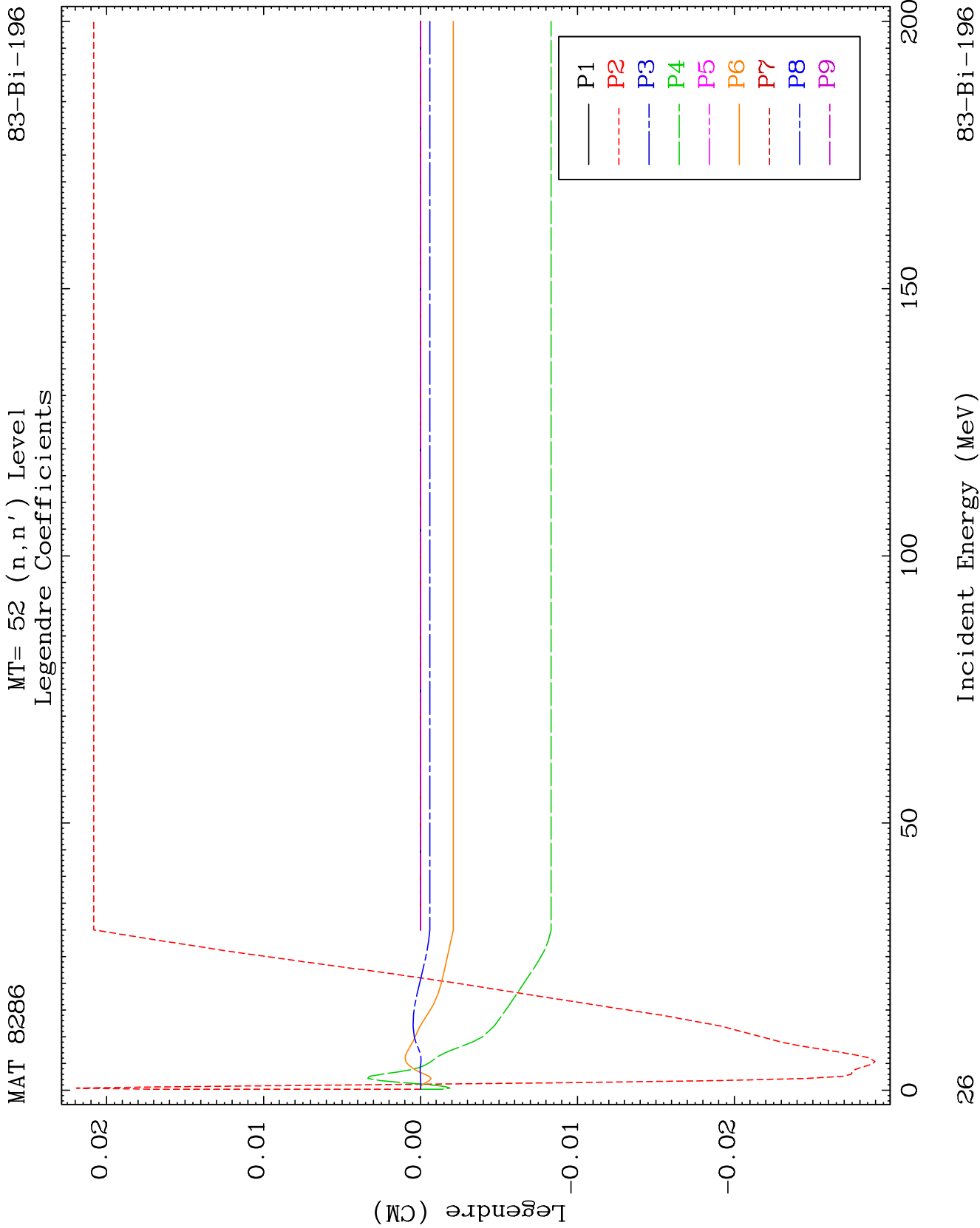
23

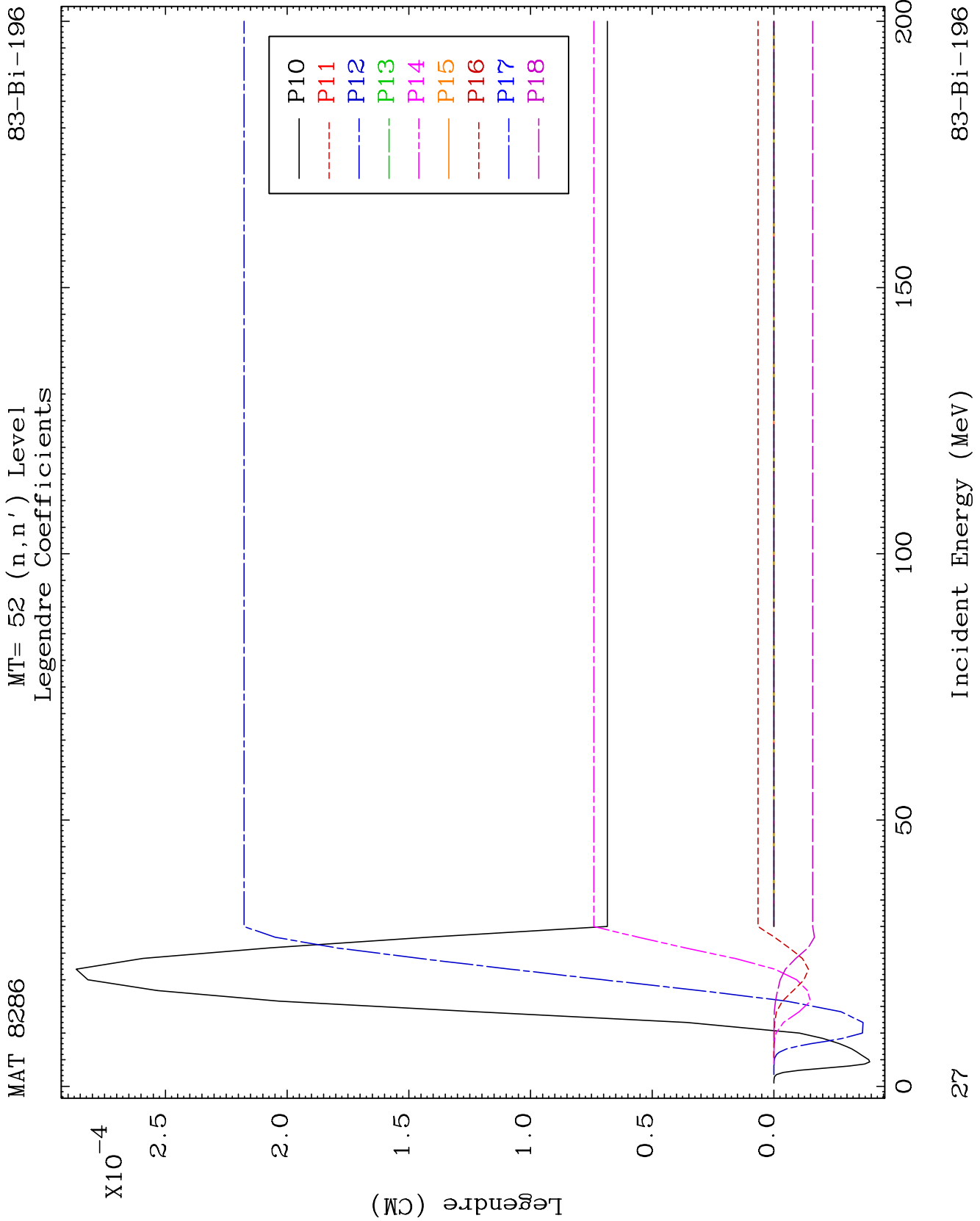
Incident Energy (MeV)

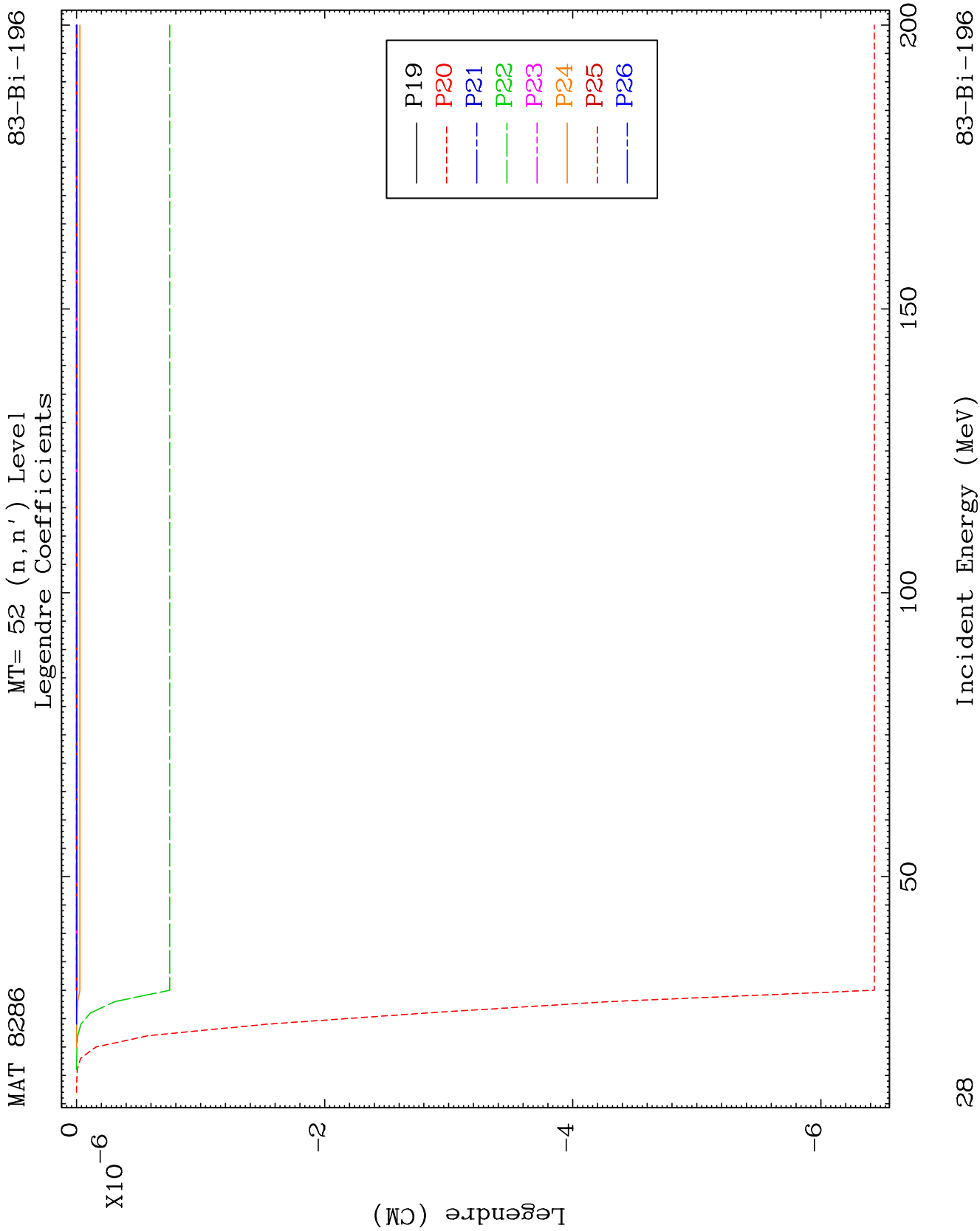
83-Bi-196







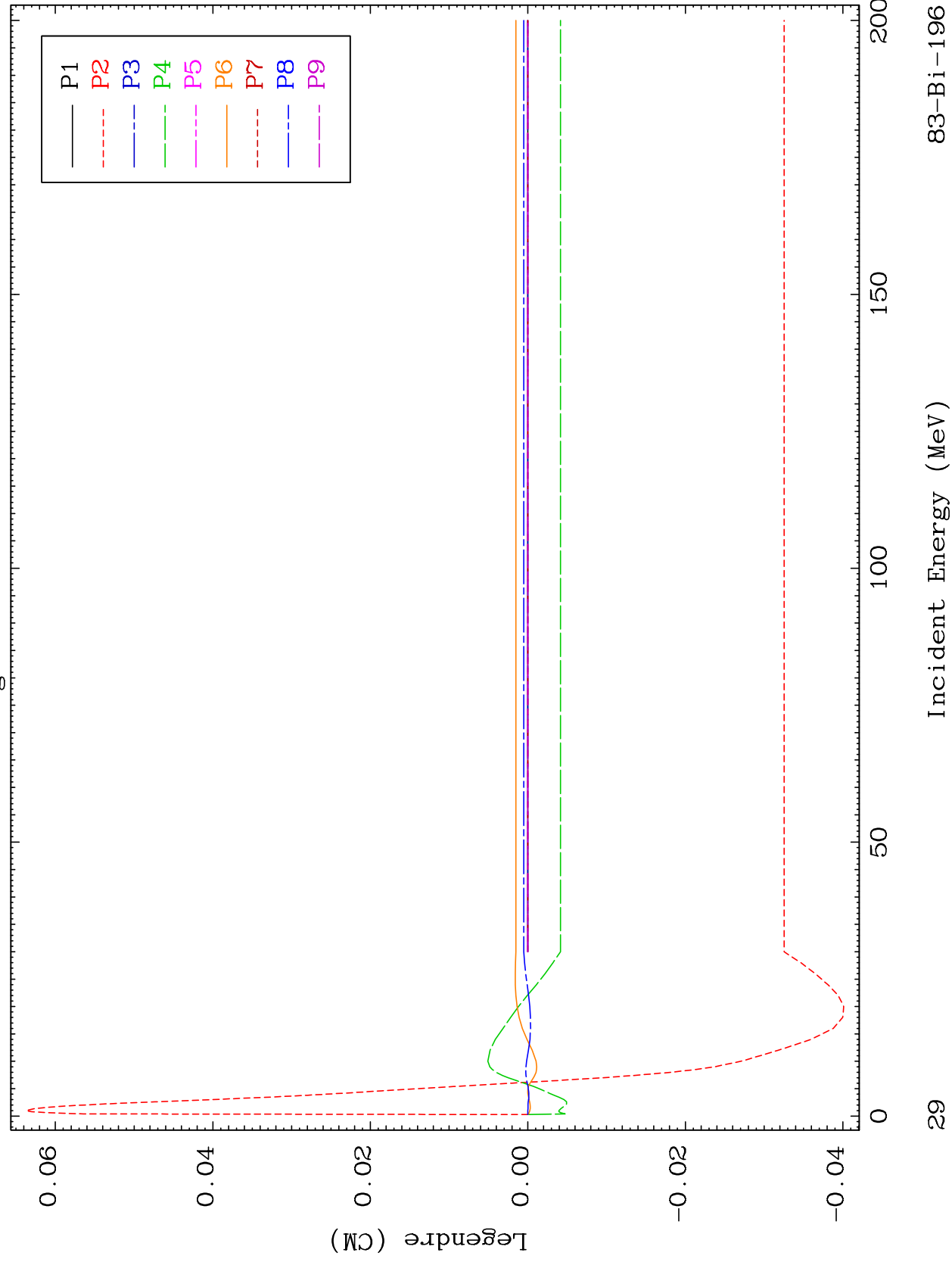




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MT= 53 (n, n') Level
Legendre Coefficients

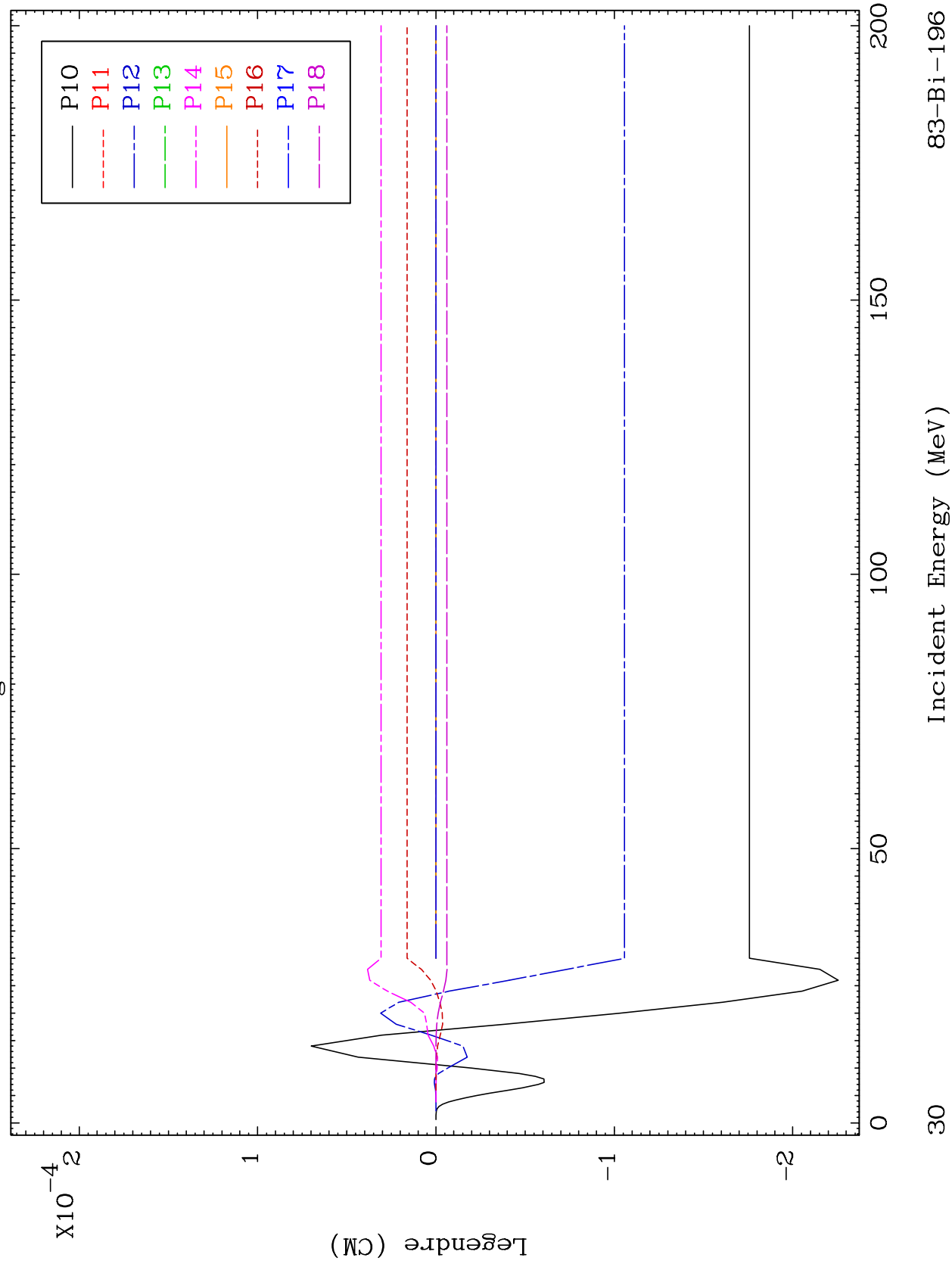
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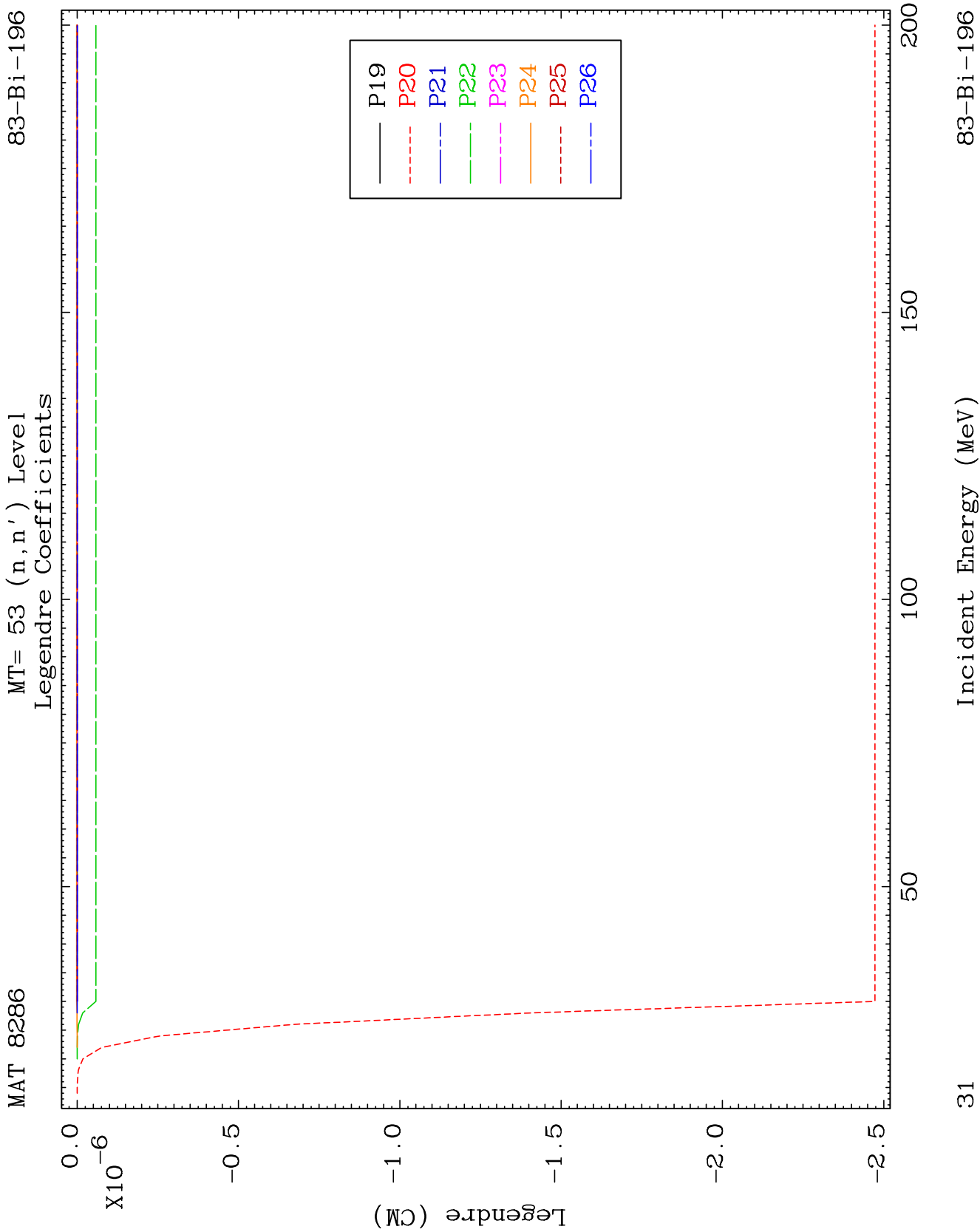


MAT 8286

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

83-Bi-196

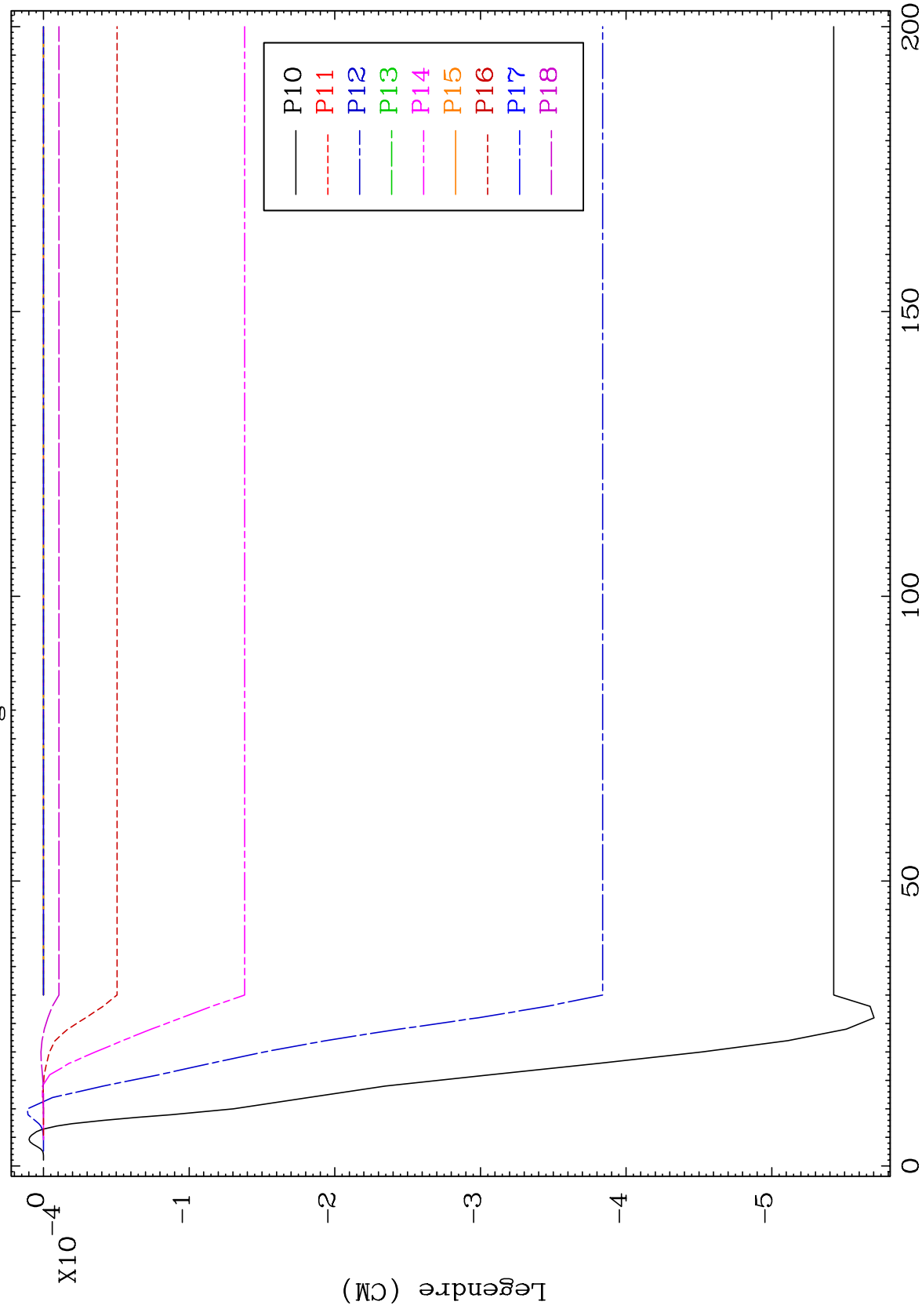




MAT 8286

83-Bi-196

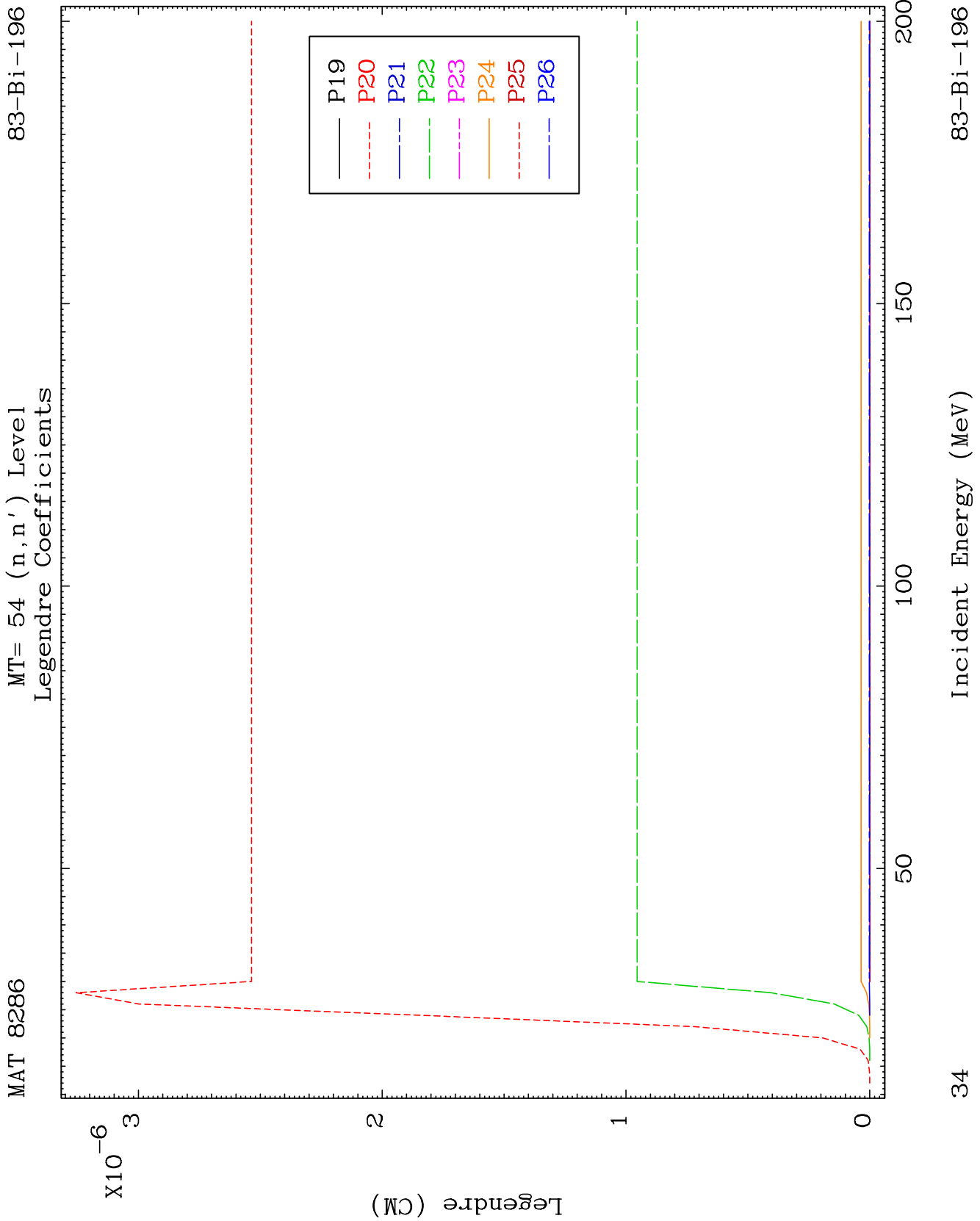
MT= 54 (n, n') Level
Legendre Coefficients



33

Incident Energy (MeV)

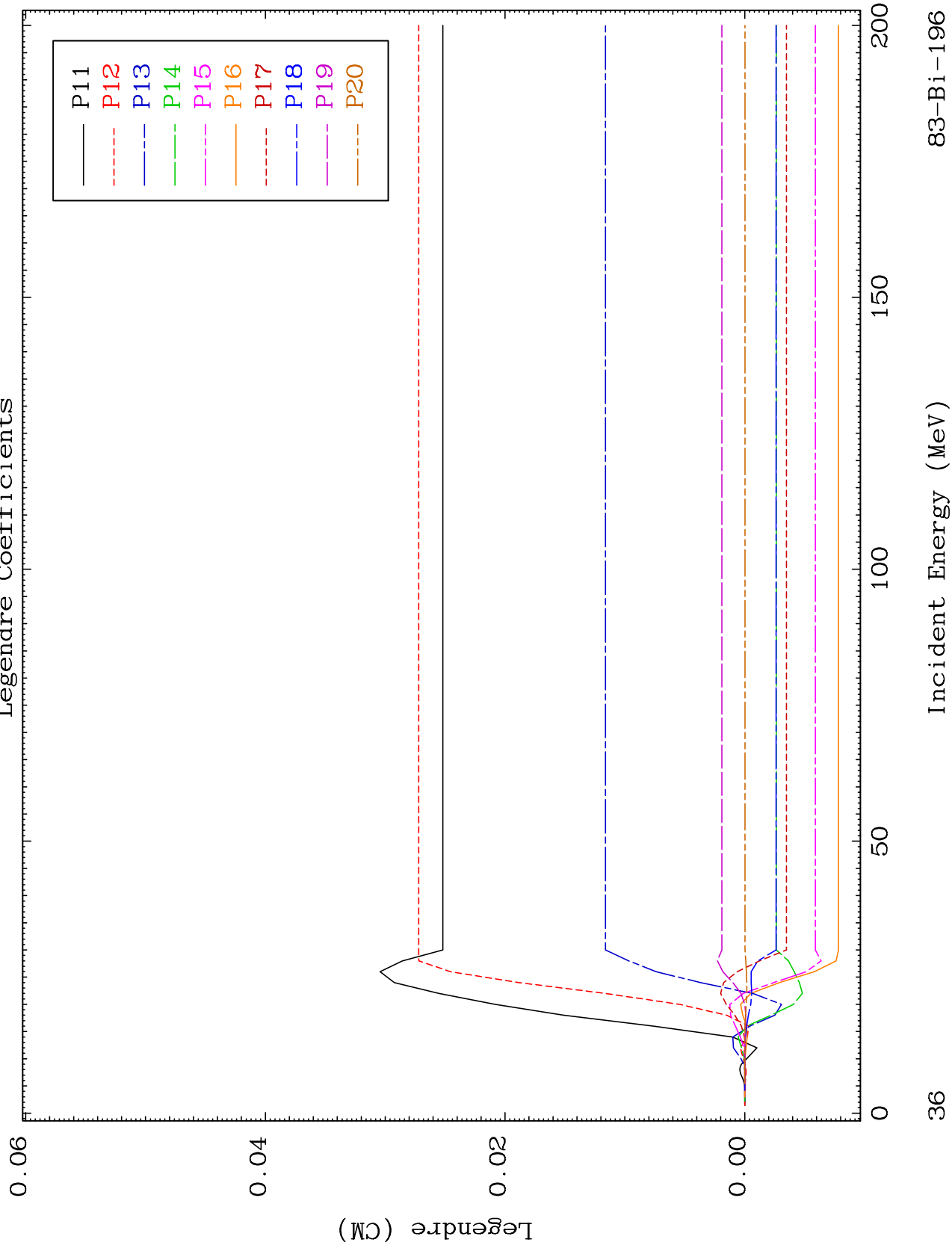
83-Bi-196



MAT 8286

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

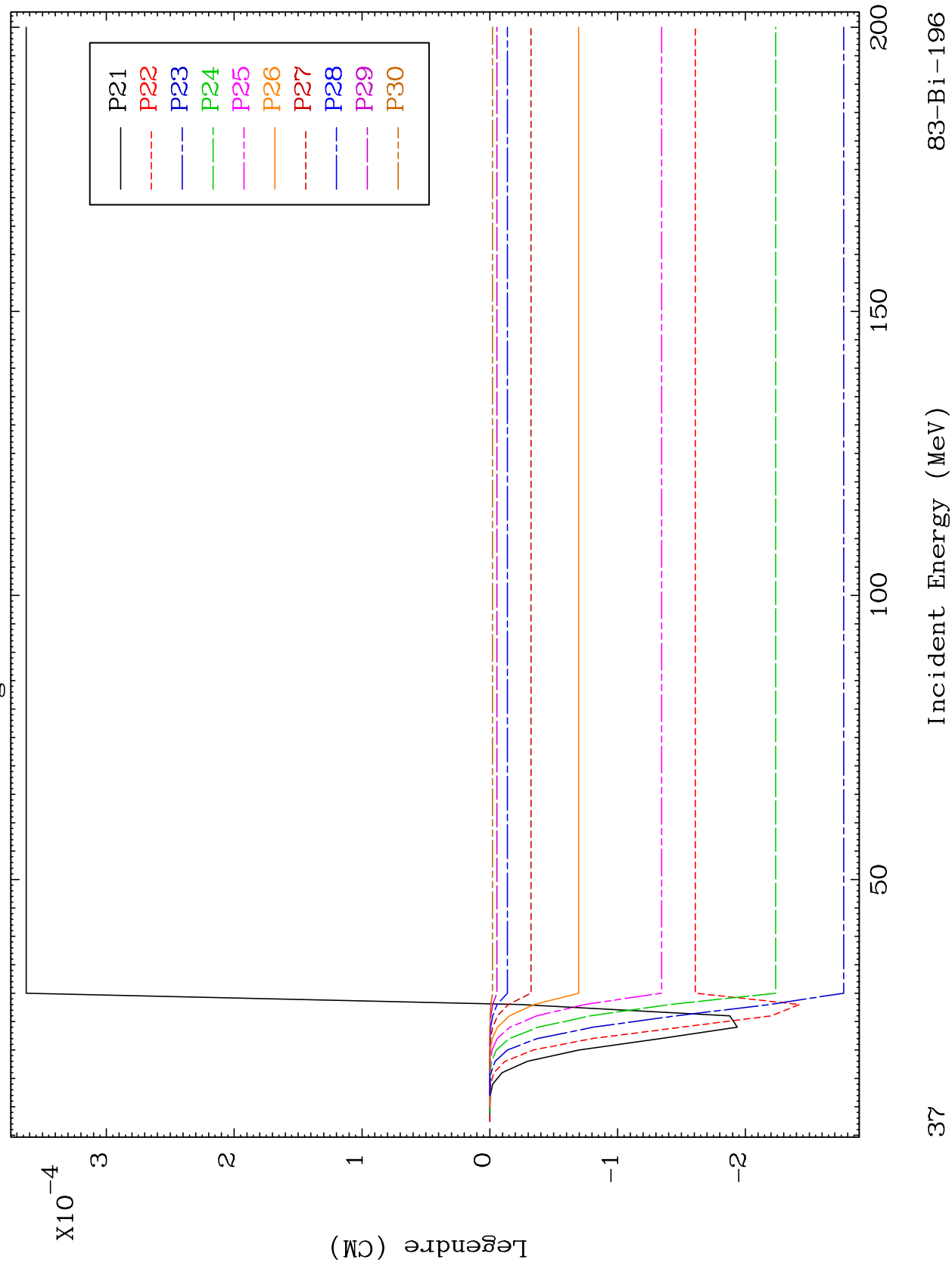
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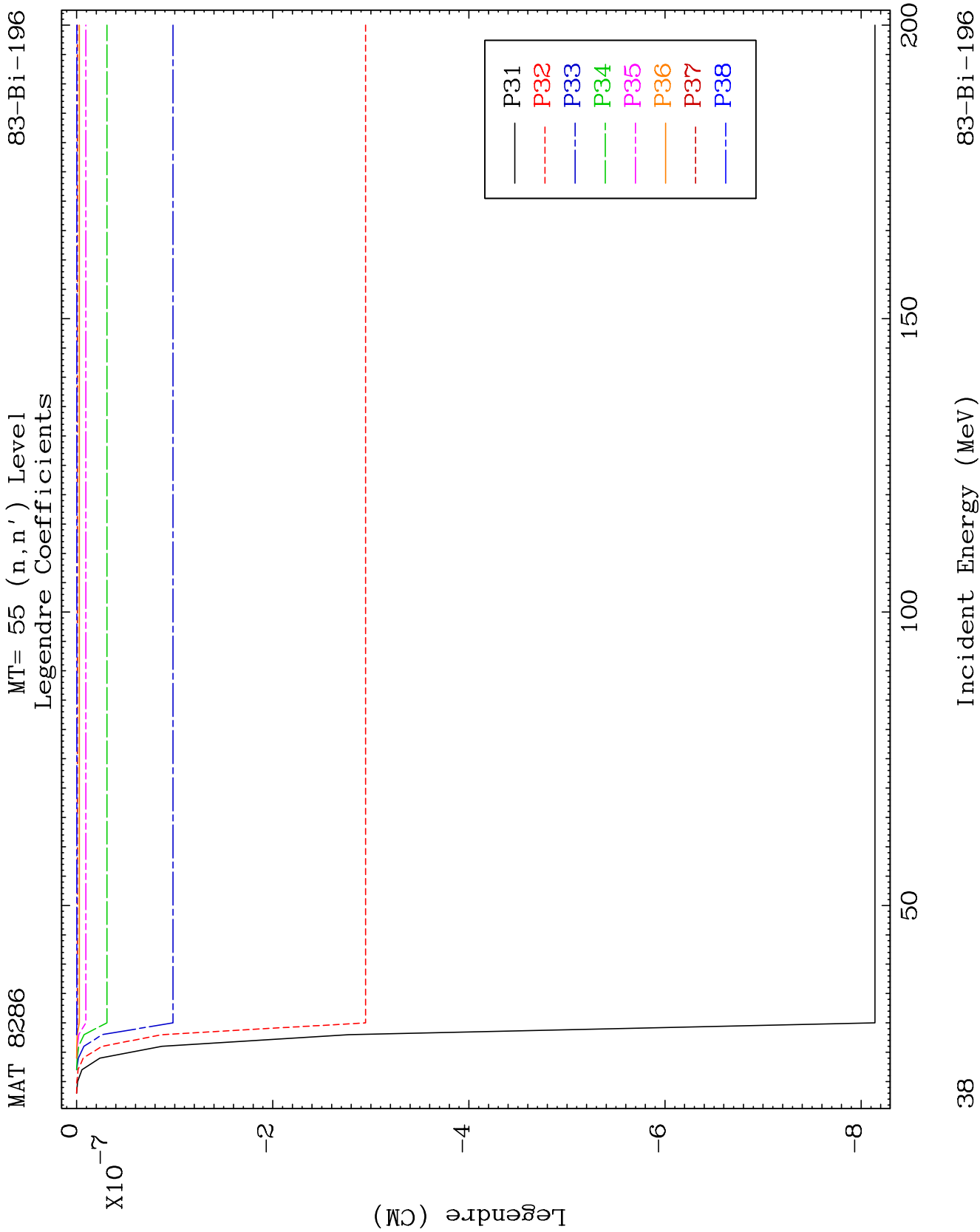


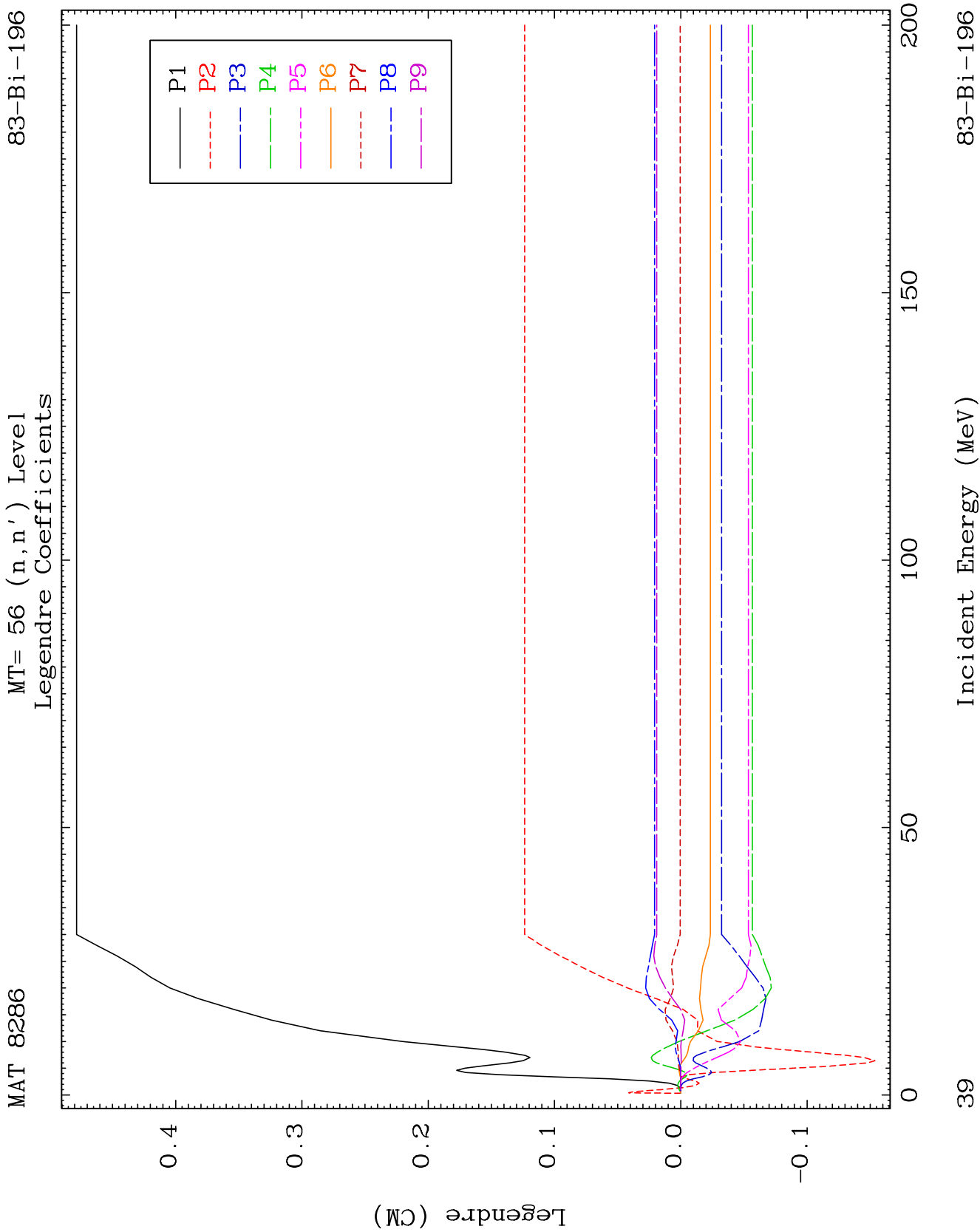
MAT 8286

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

83-Bi-196



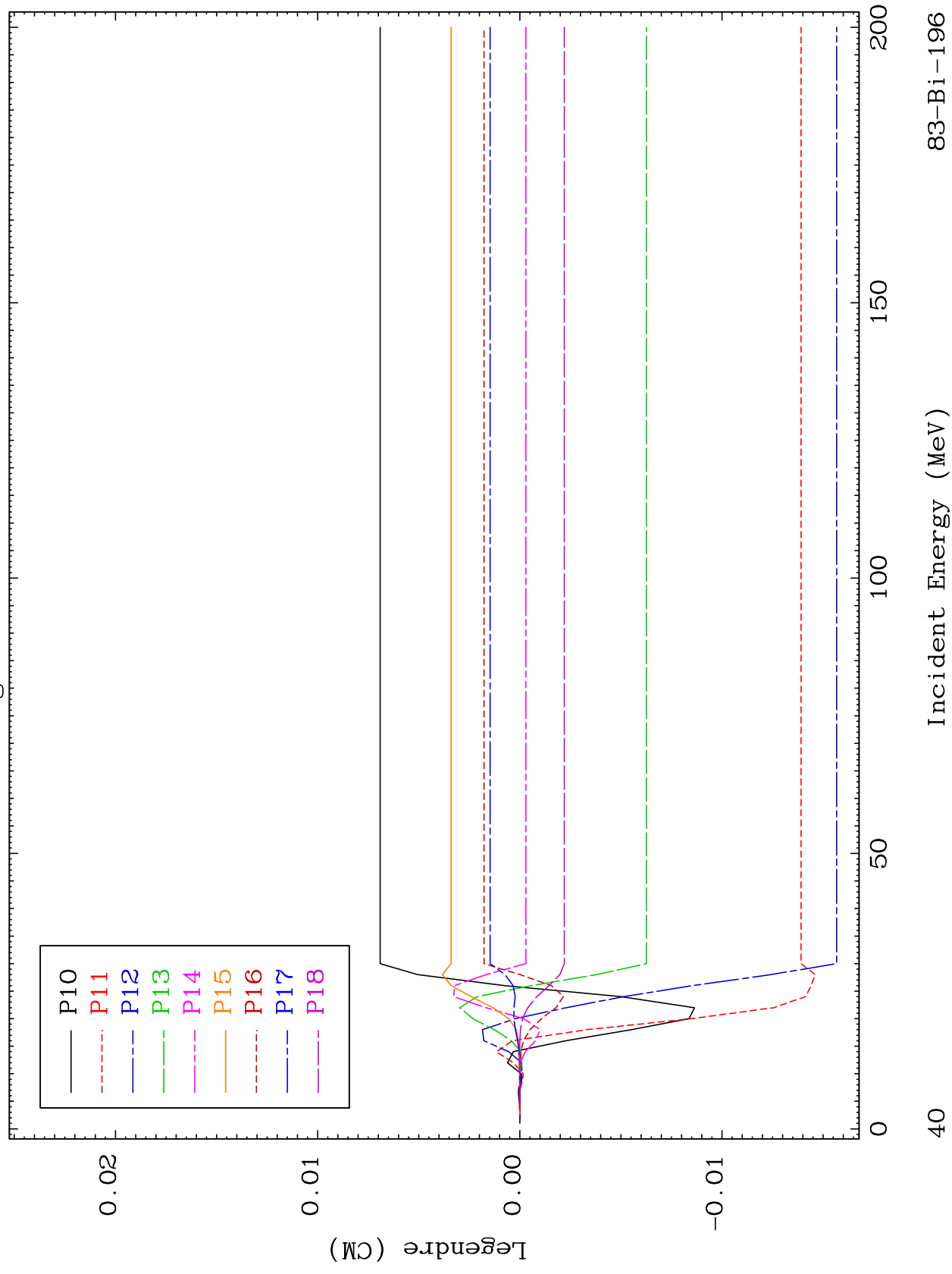


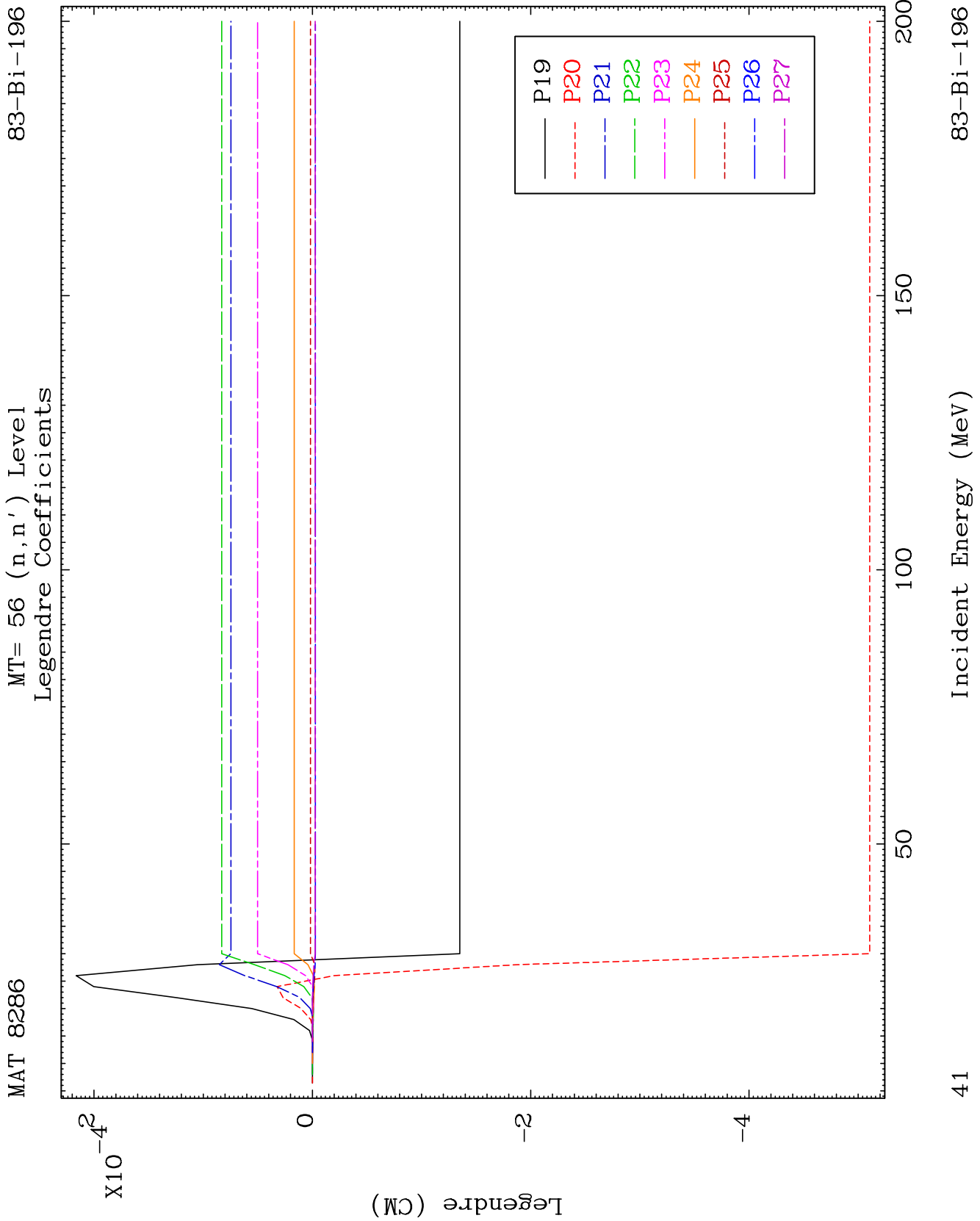


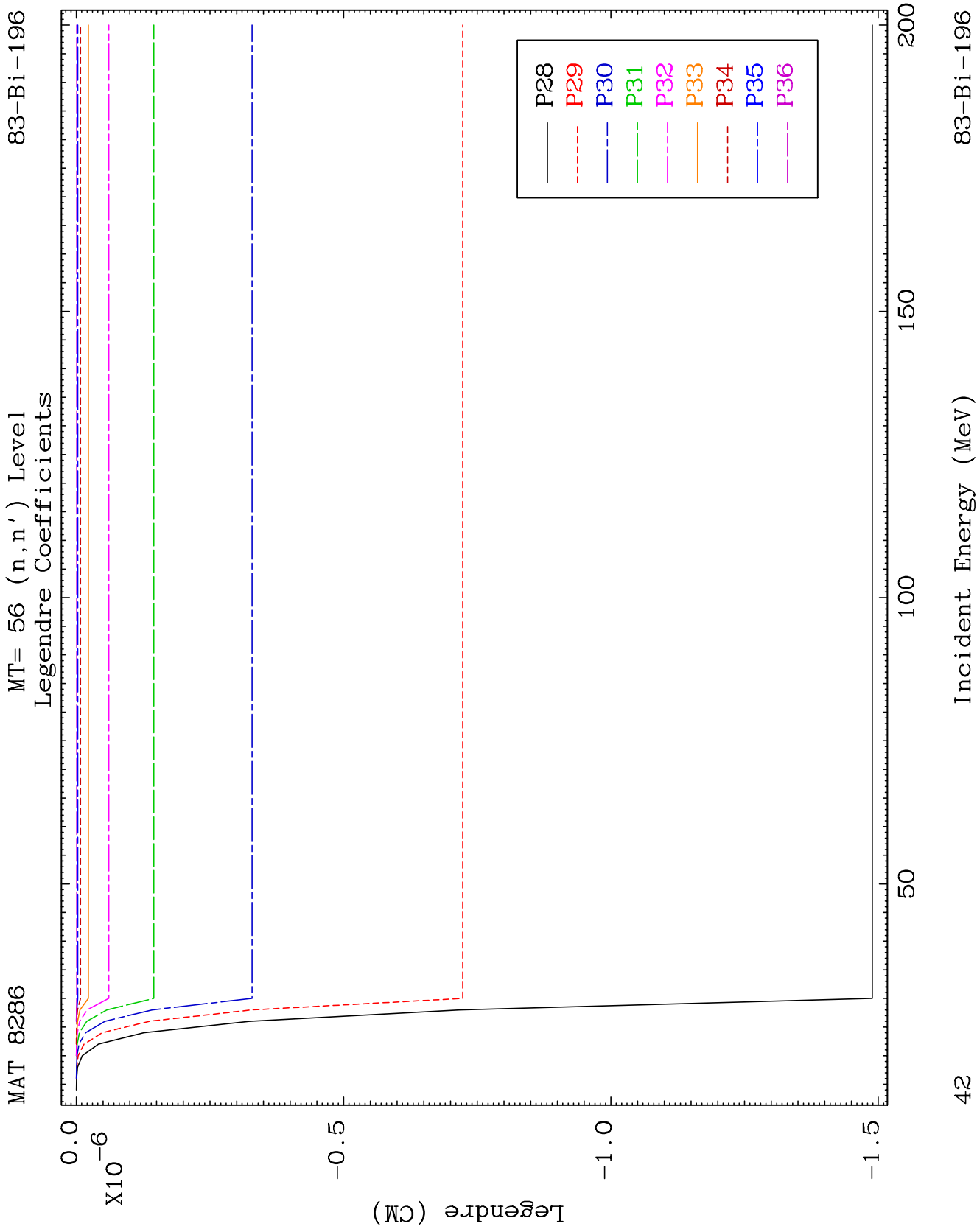
MAT 8286

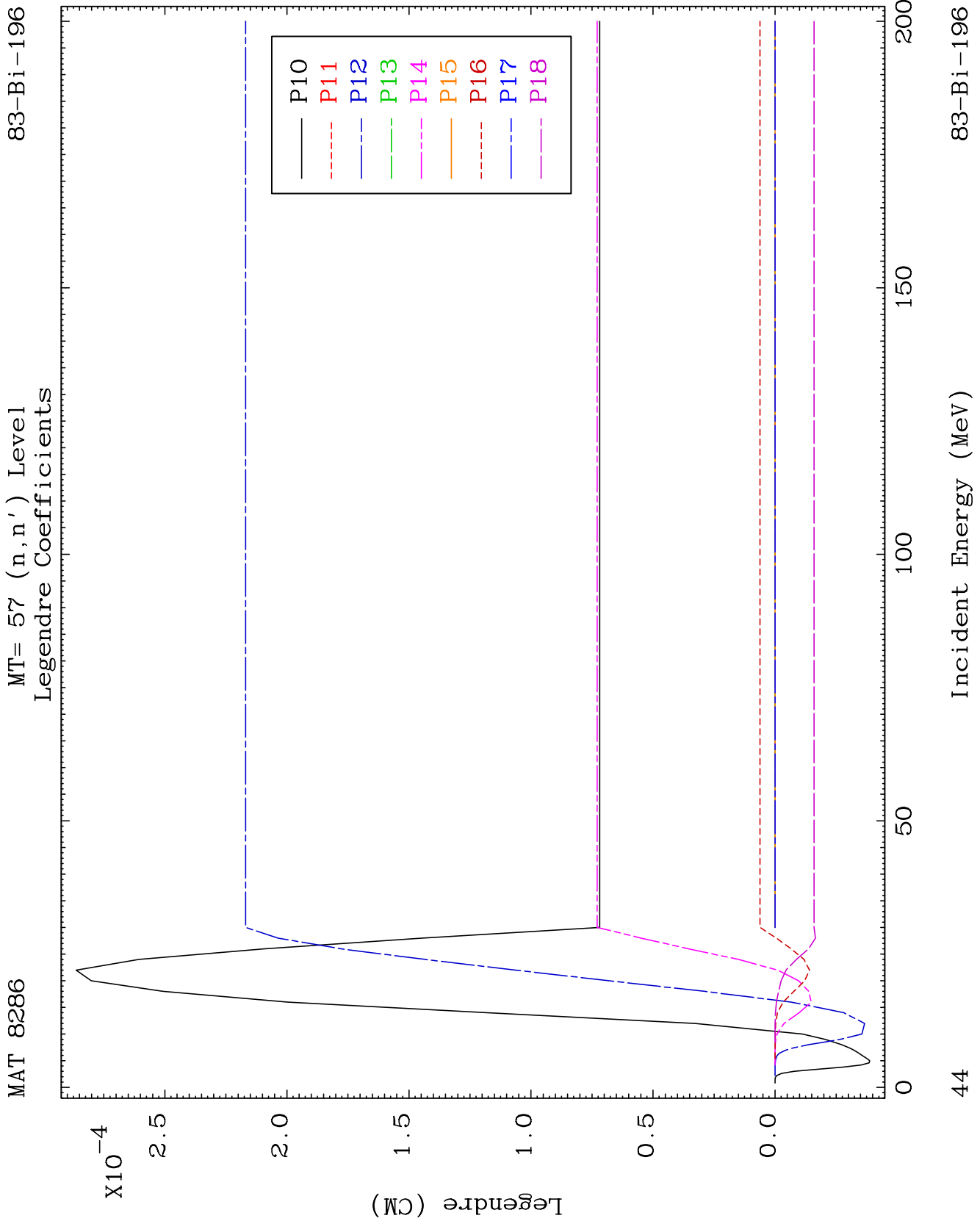
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Legendre Coefficients

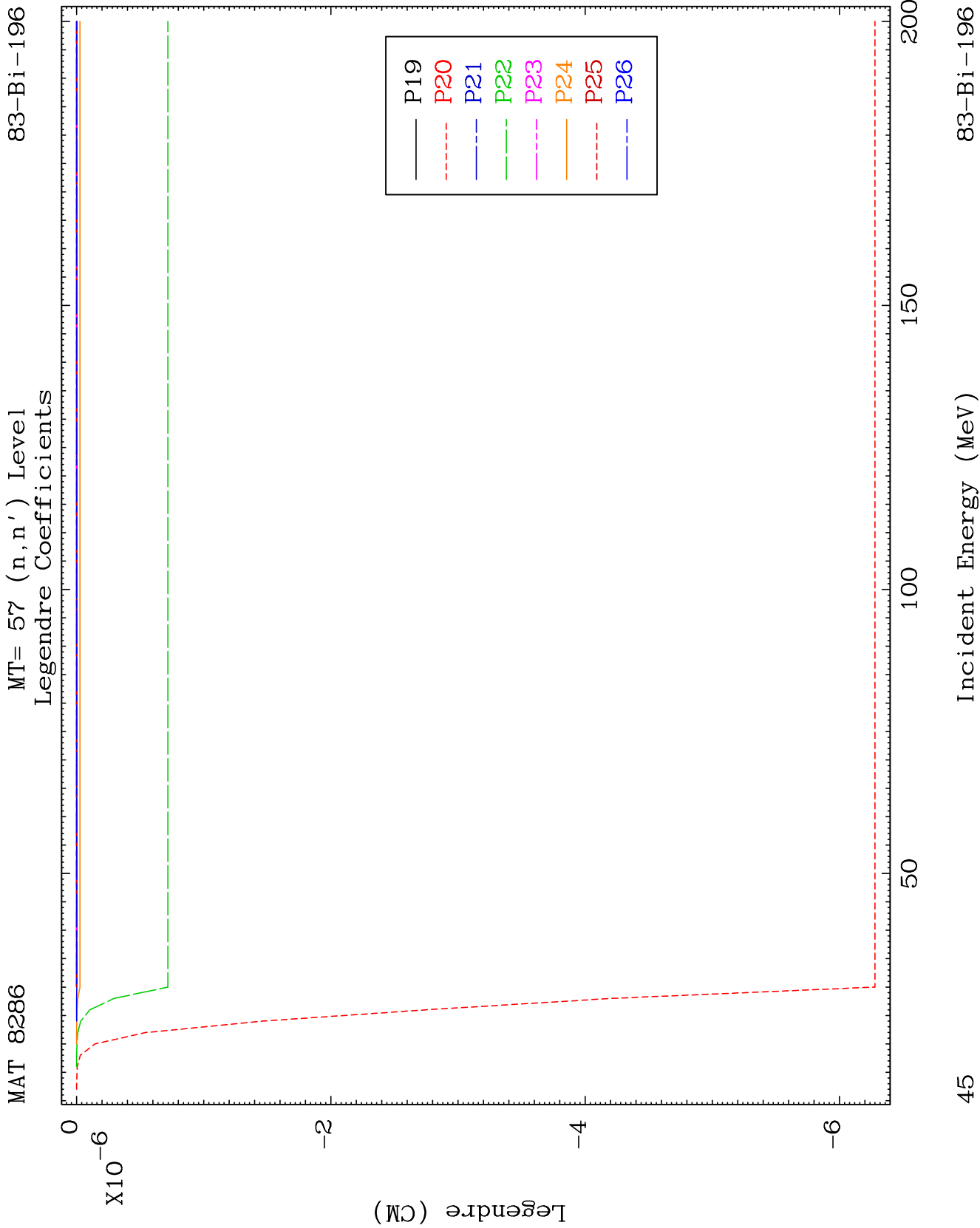
83-Bi-196







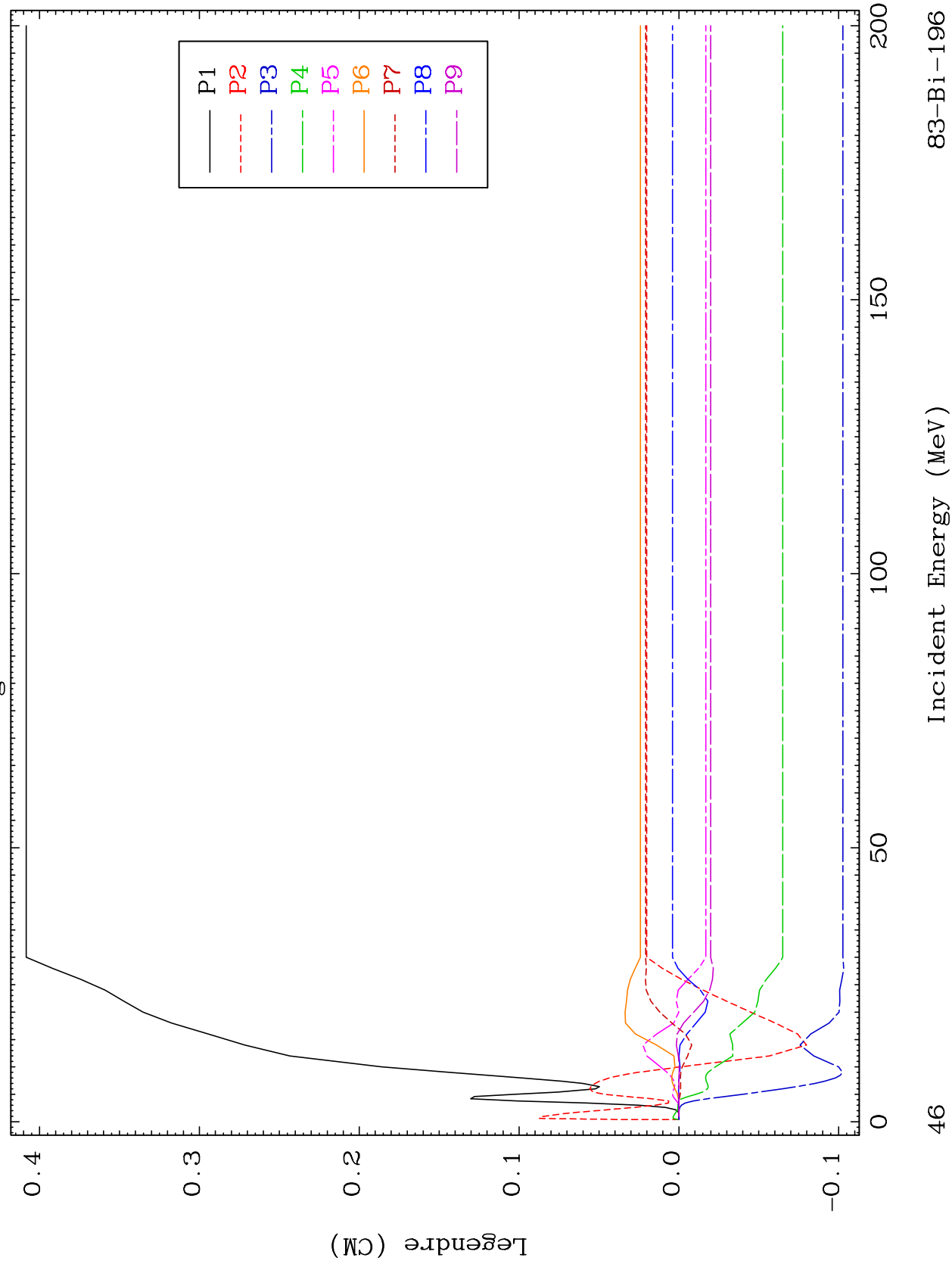




MAT 8286

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

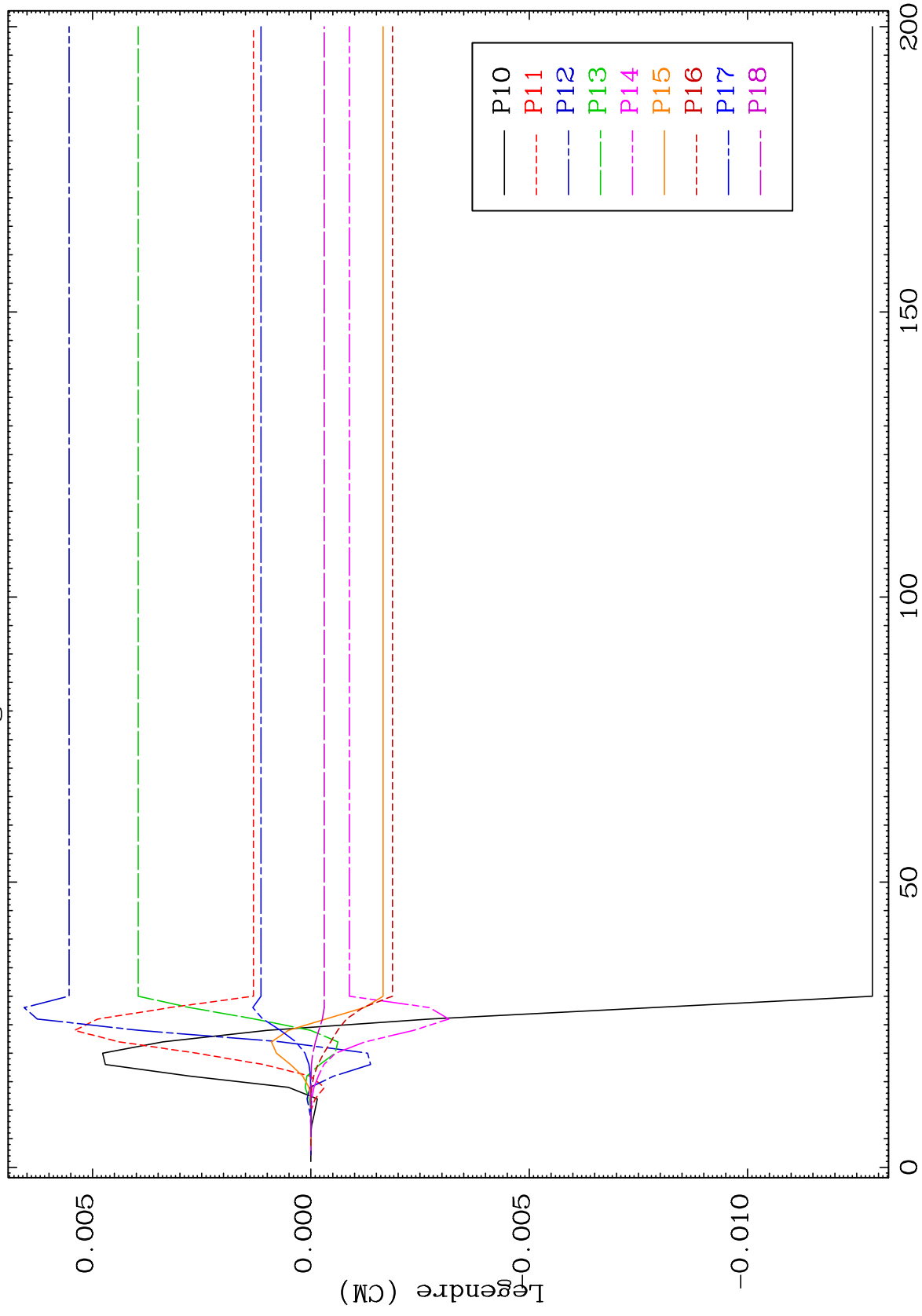
83-Bi-196



MAT 8286

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

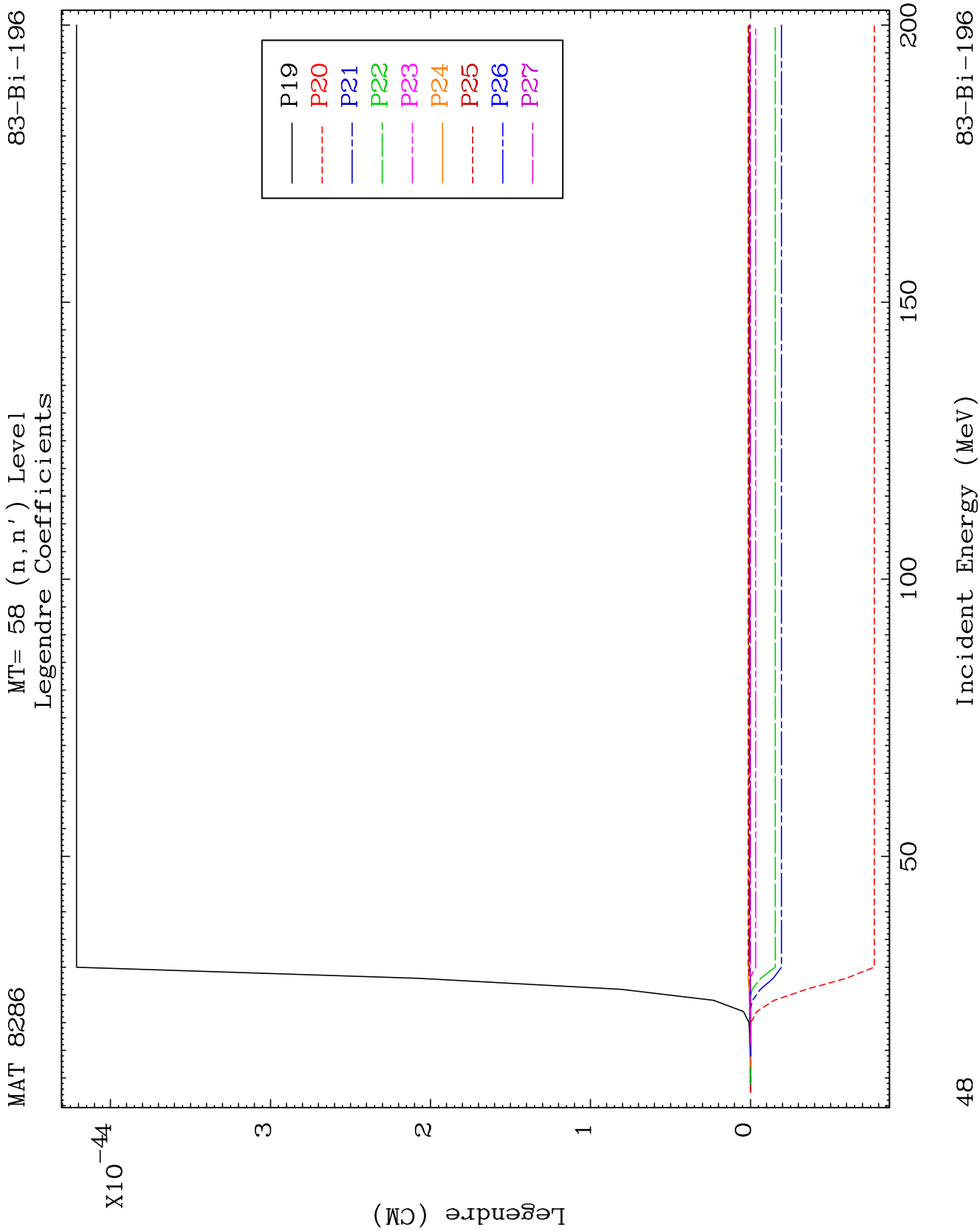
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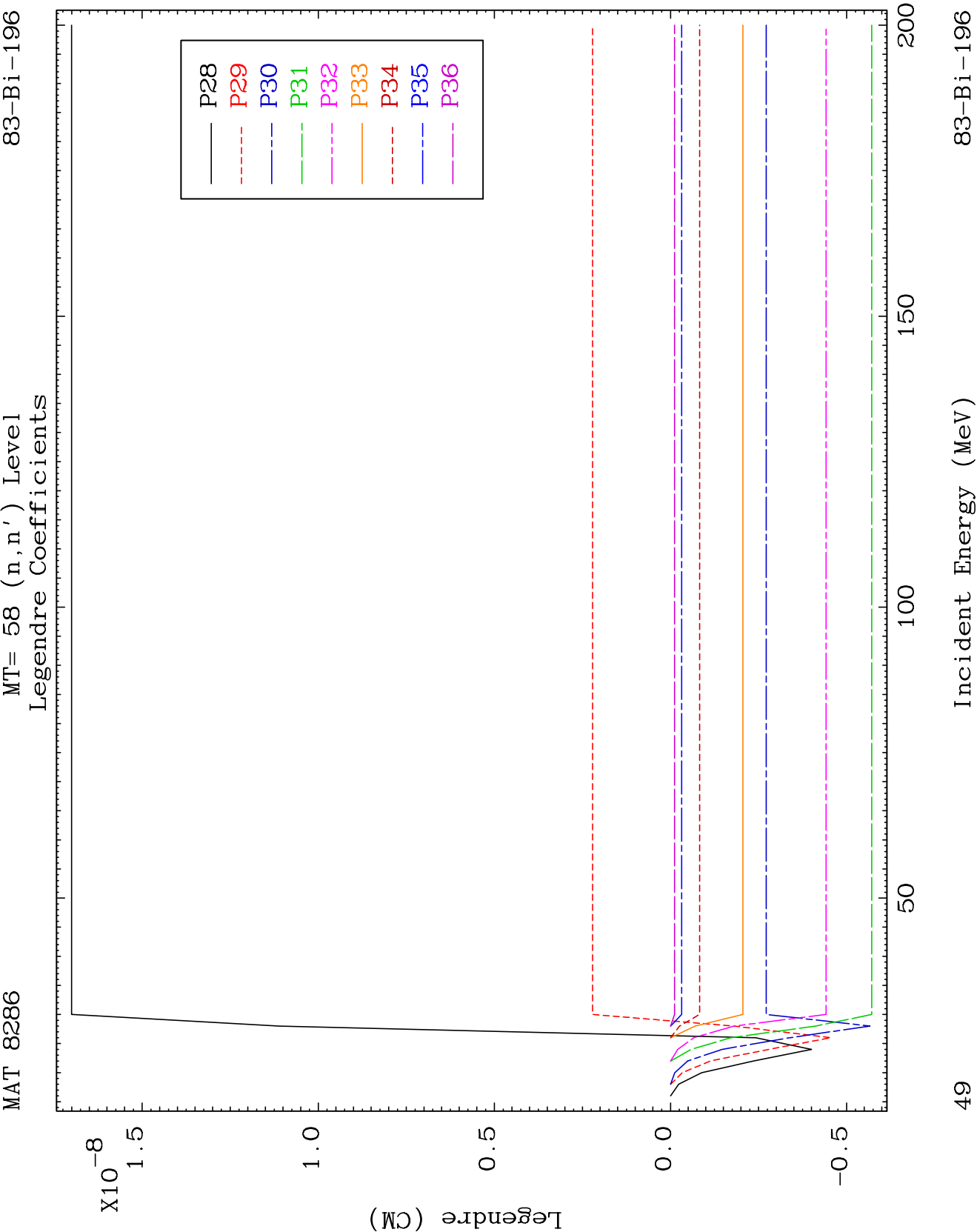


47

Incident Energy (MeV)

83-Bi-196

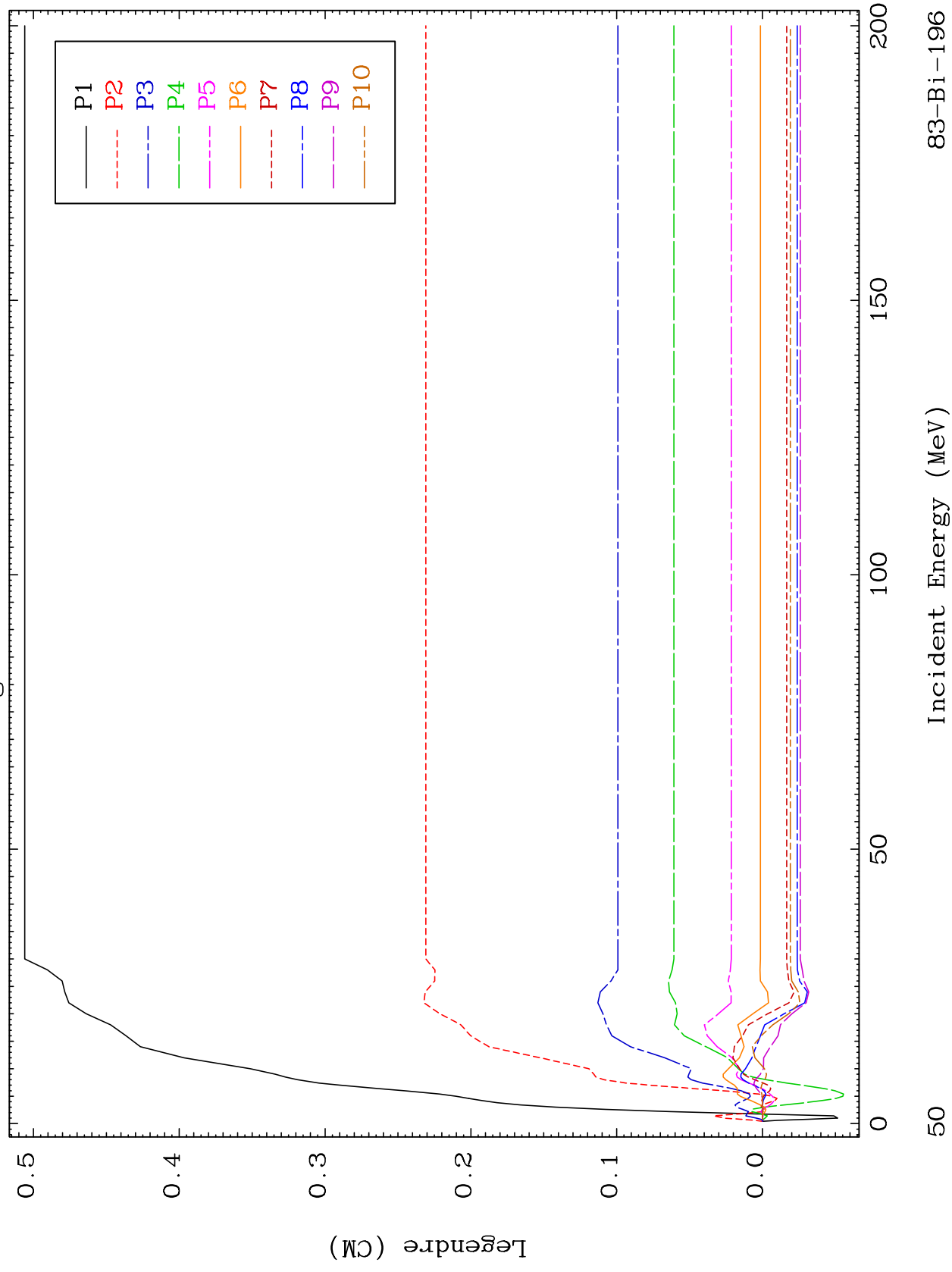




MAT 8286

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

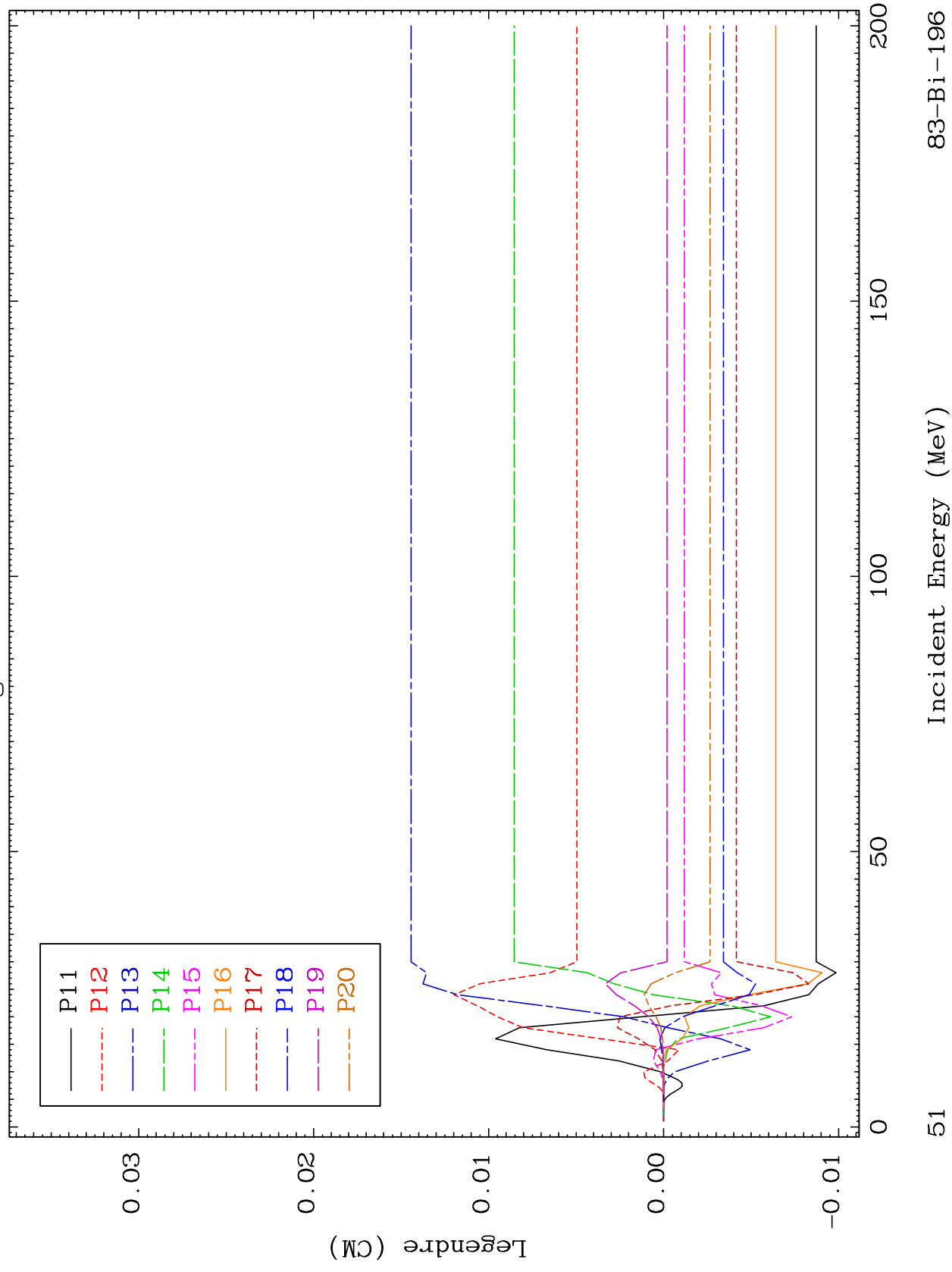
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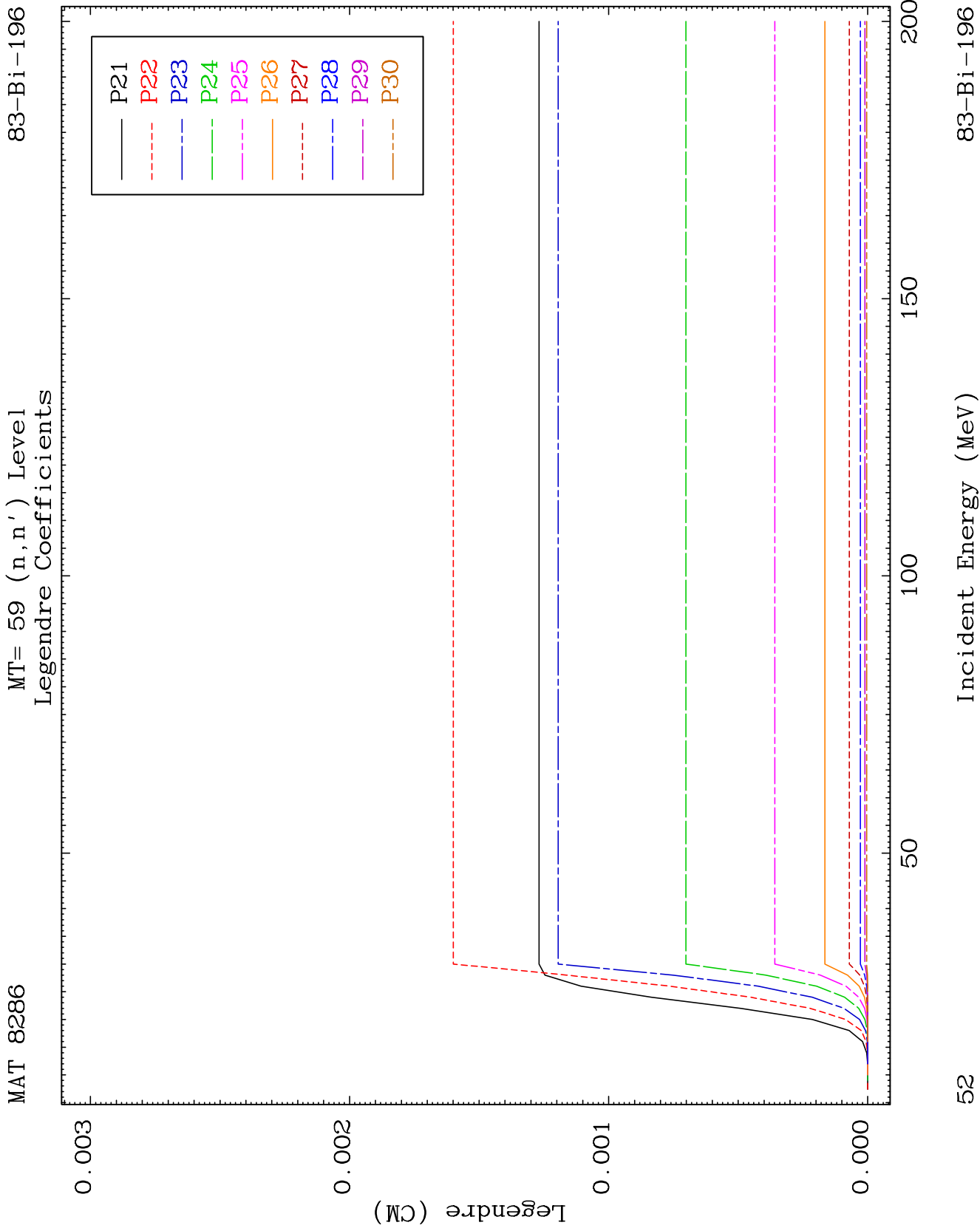


MAT 8286

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

83-Bi-196

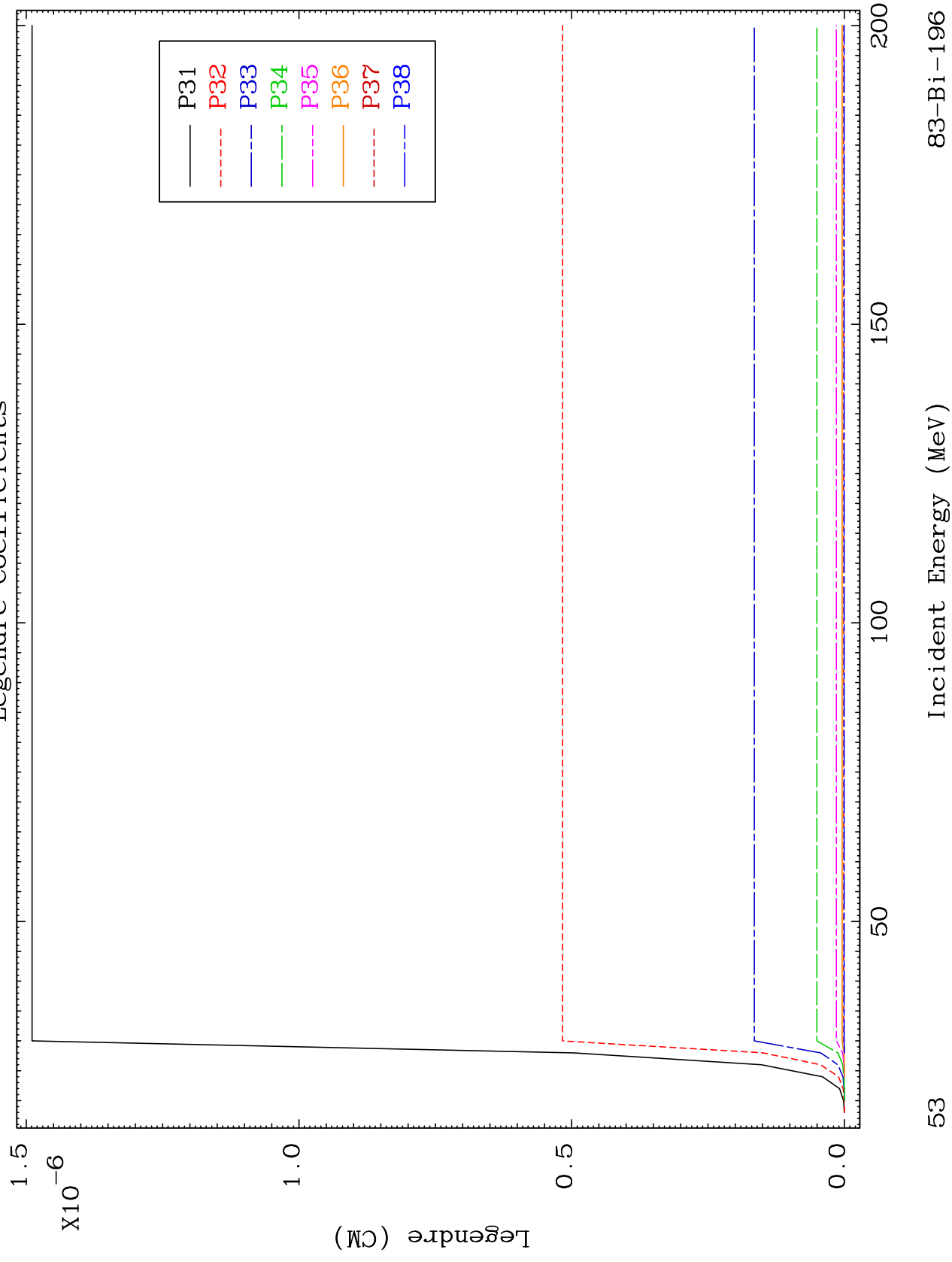




MAT 8286

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

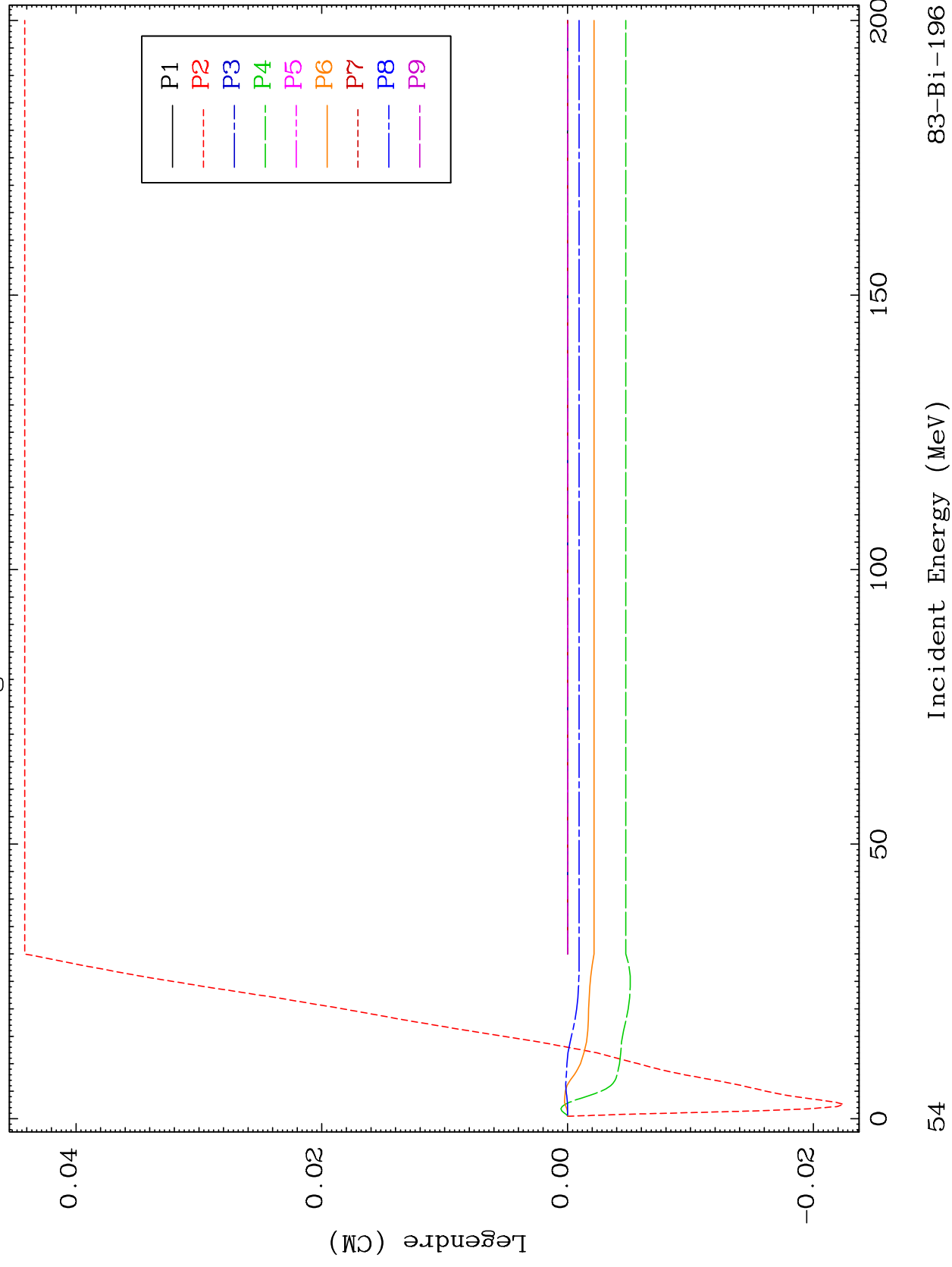
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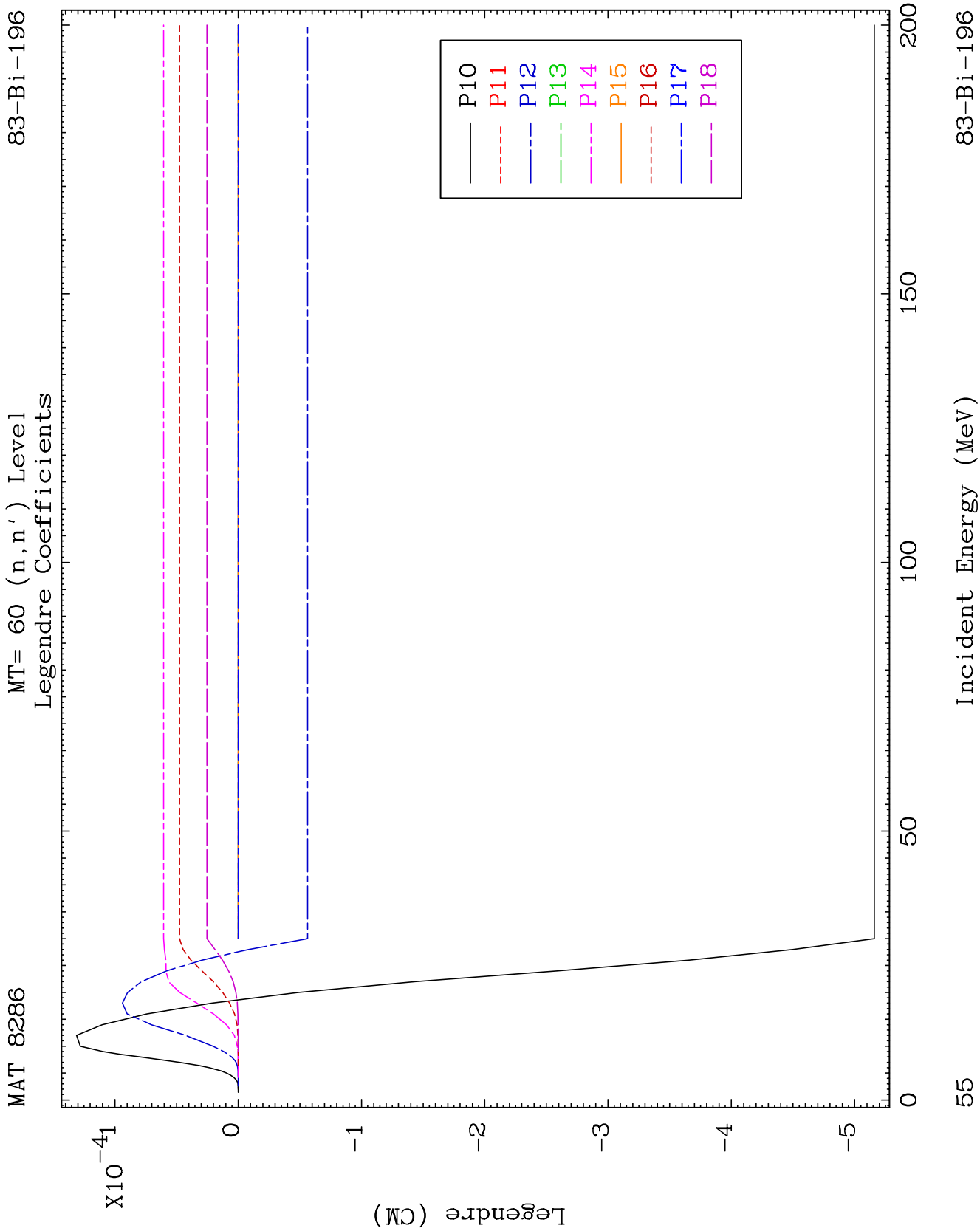


MAT 8286

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

83-Bi-196

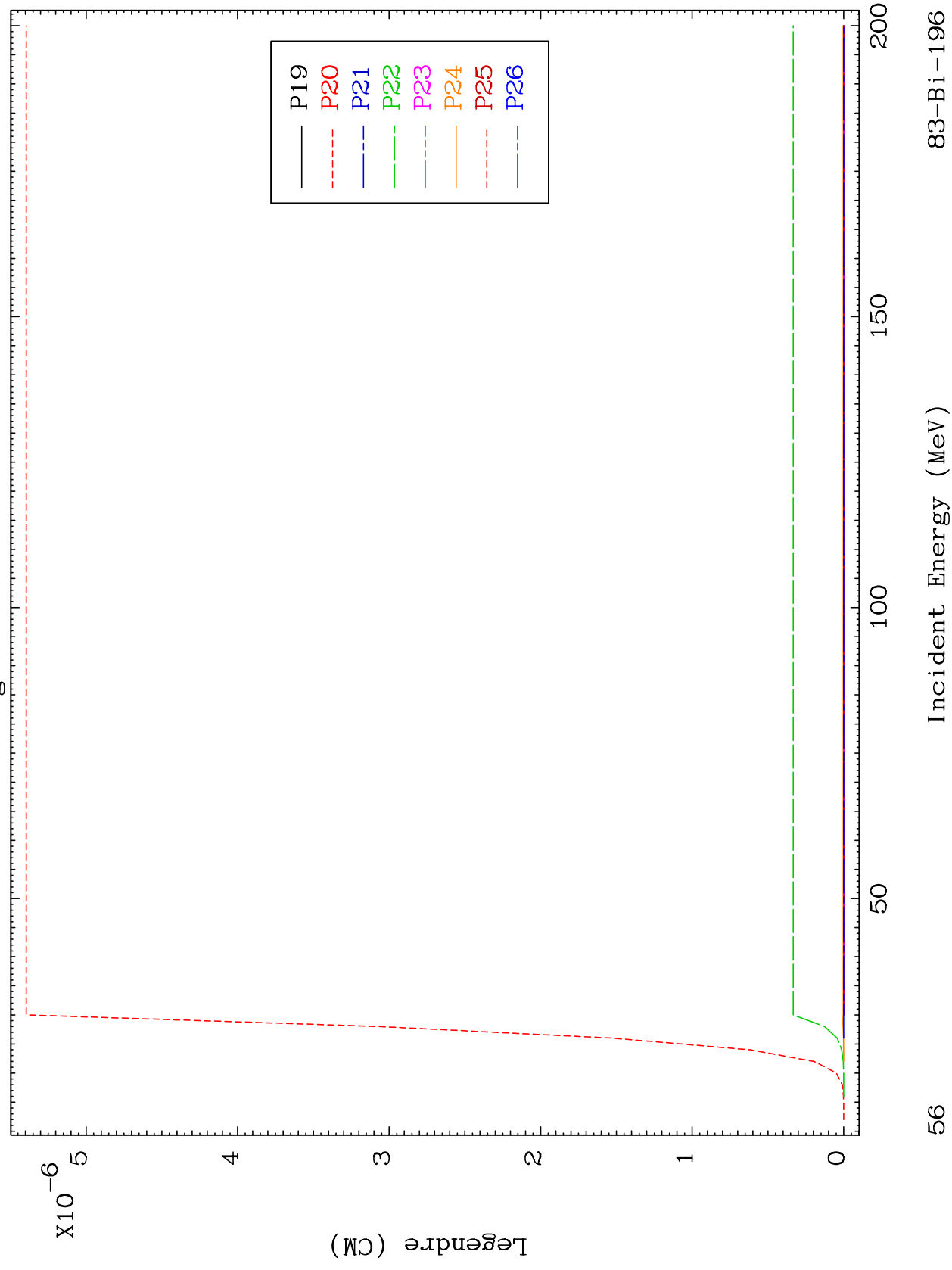




MAT 8286

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

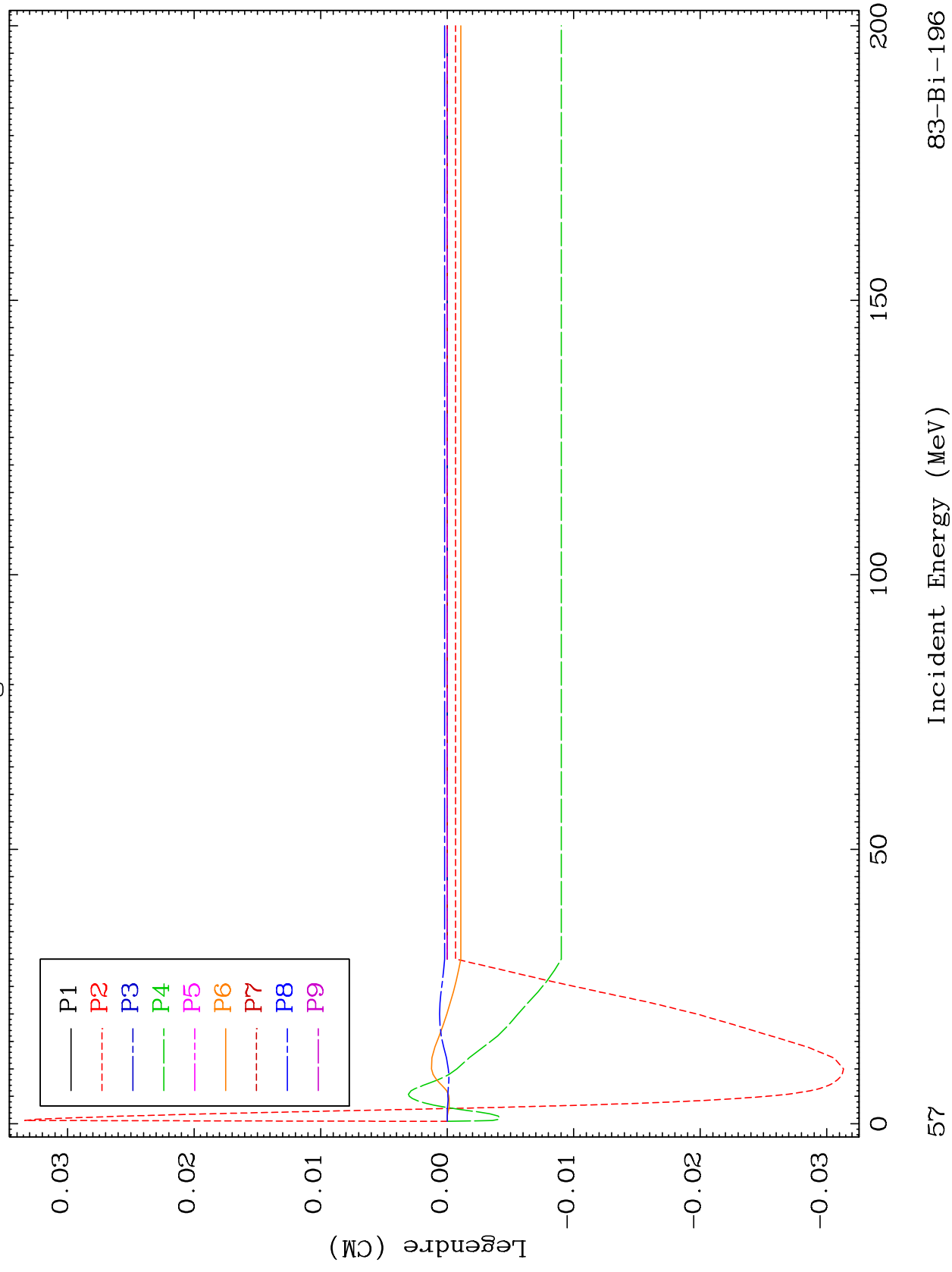
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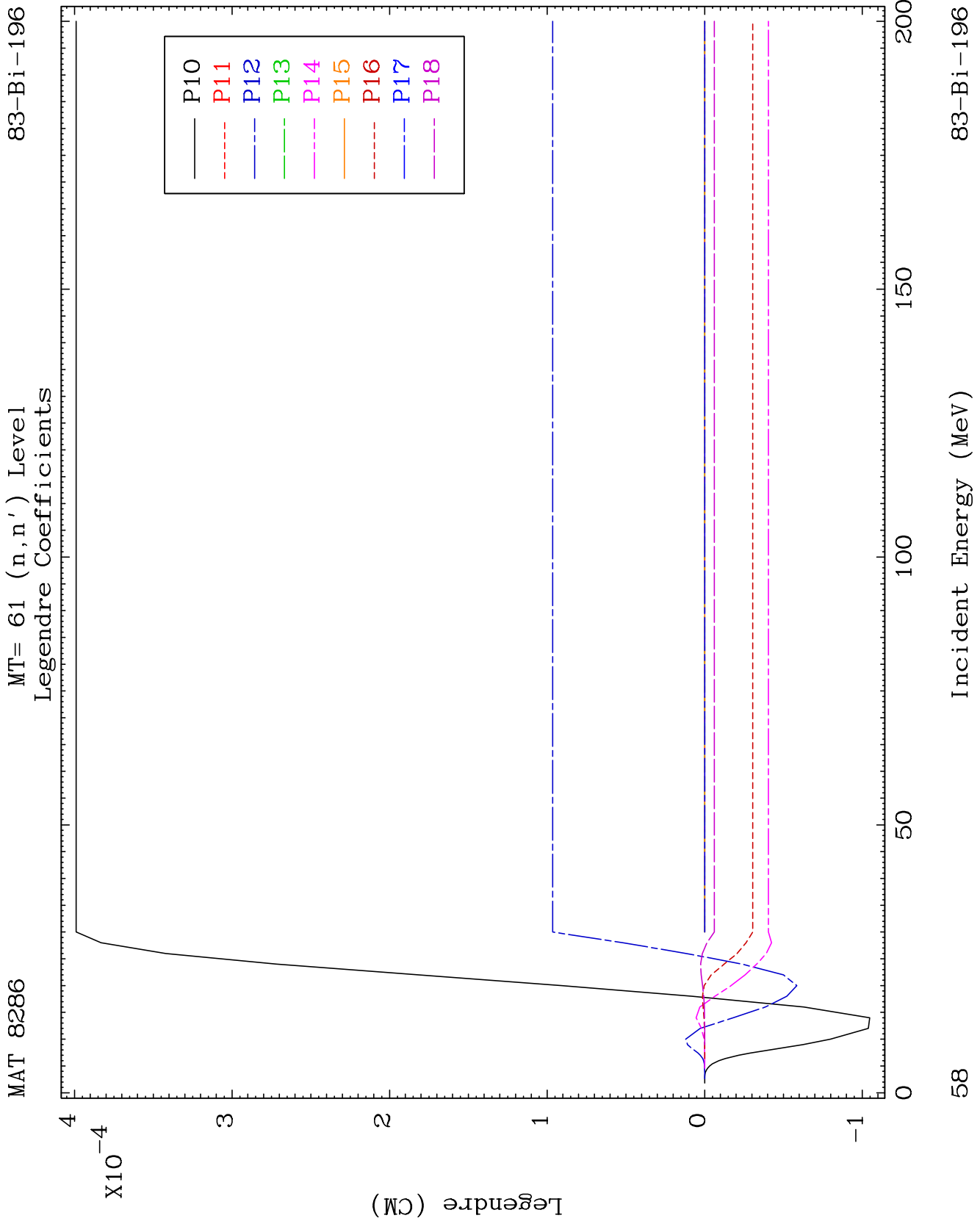


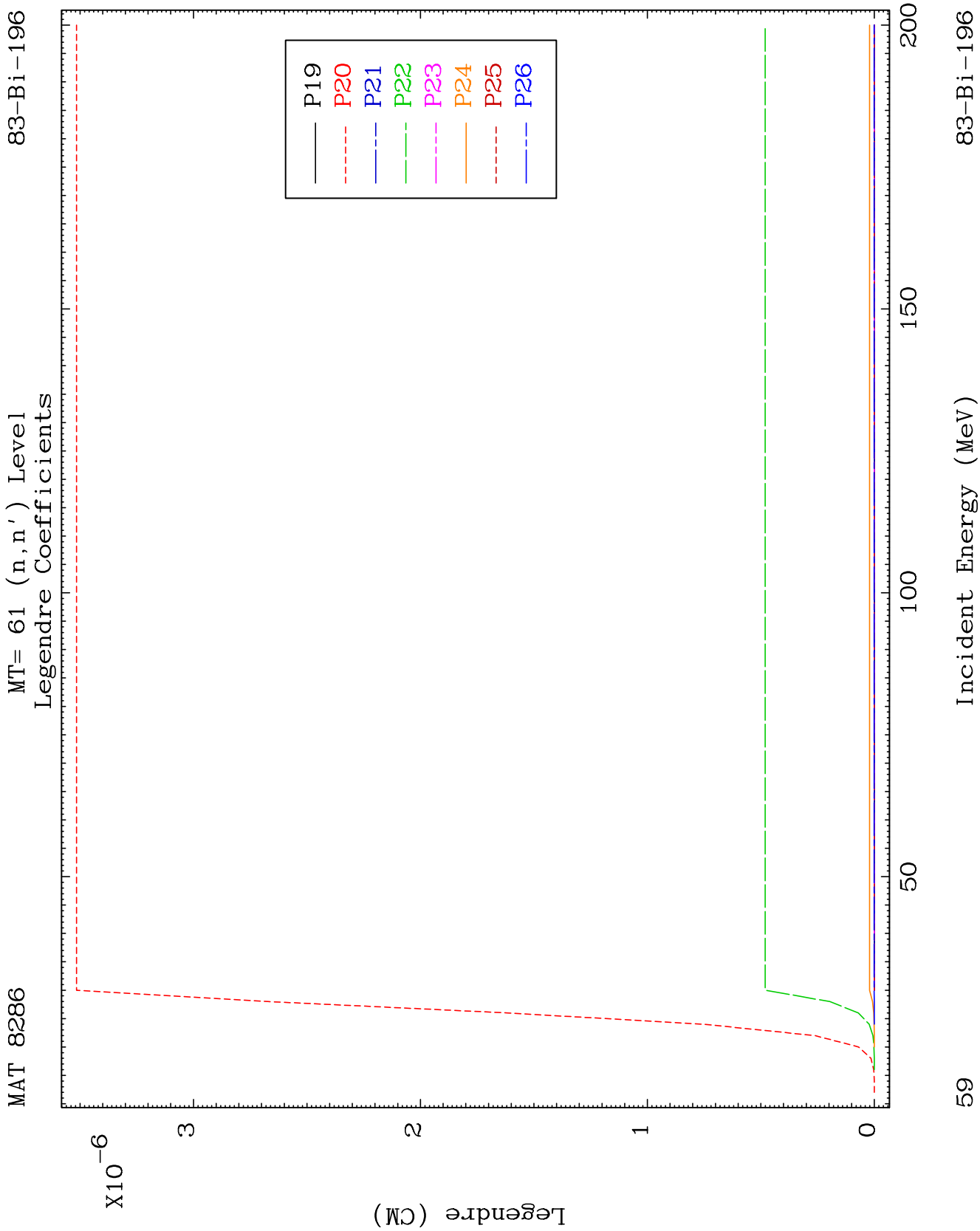
MAT 8286

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

83-Bi-196



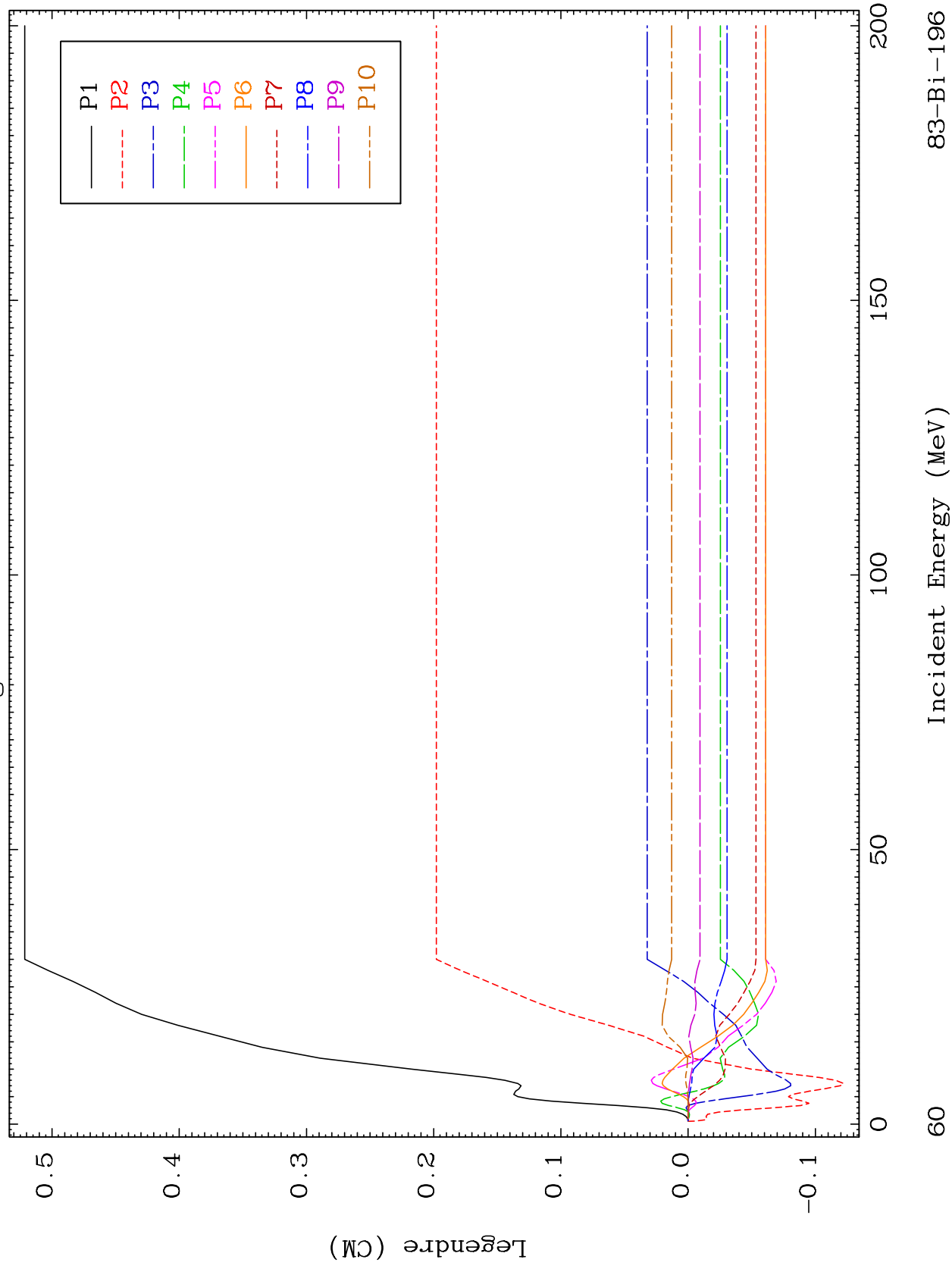


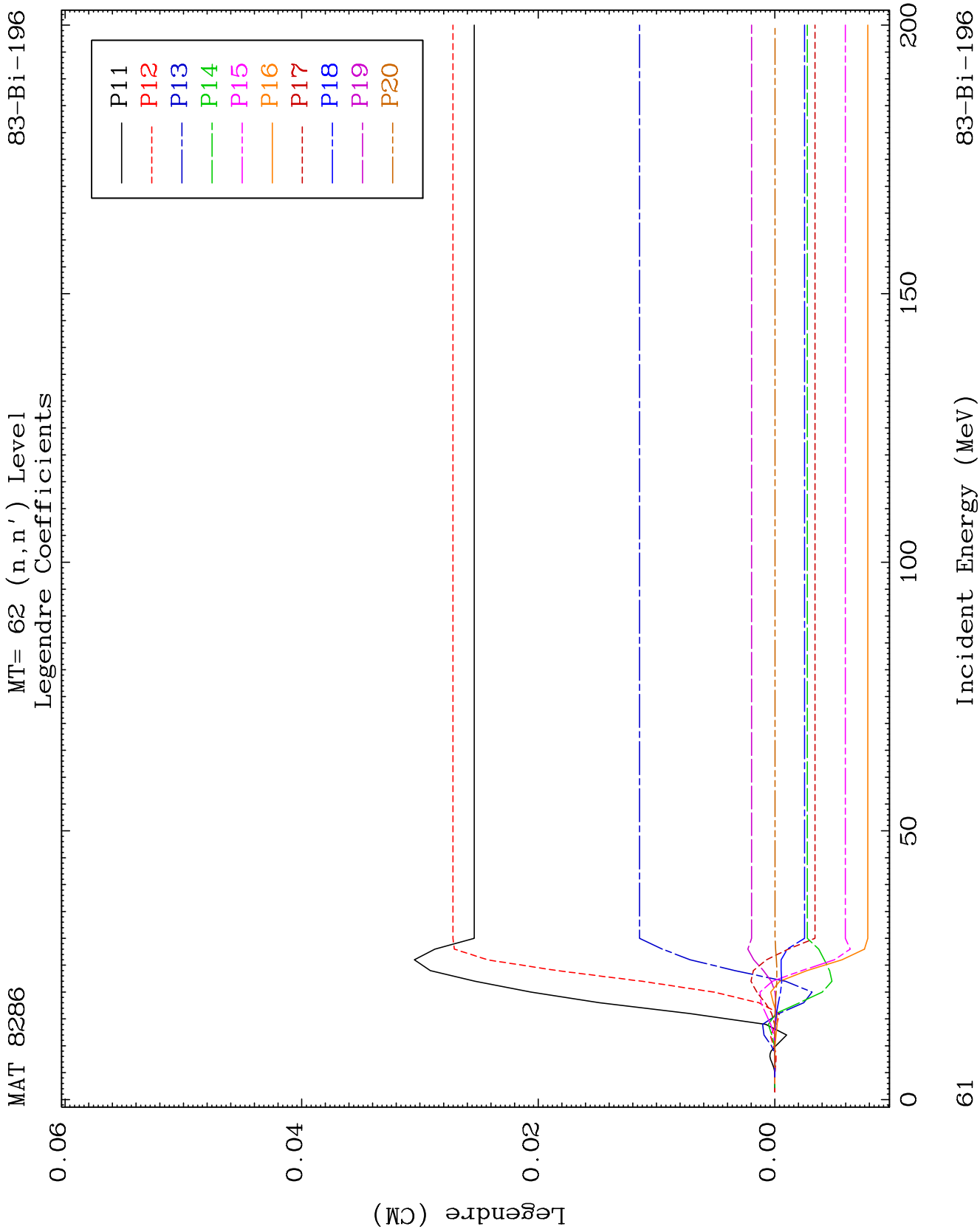


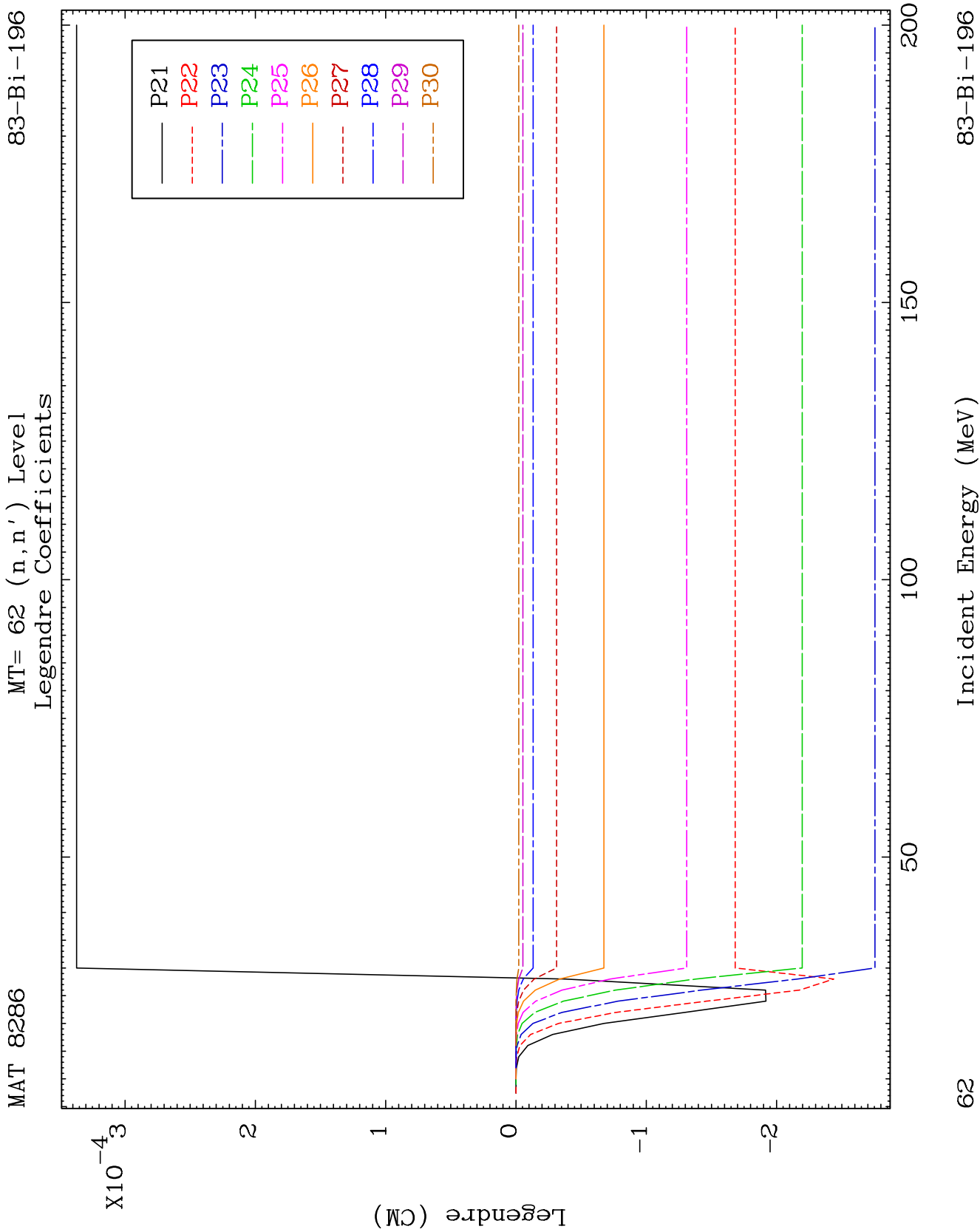
MAT 8286

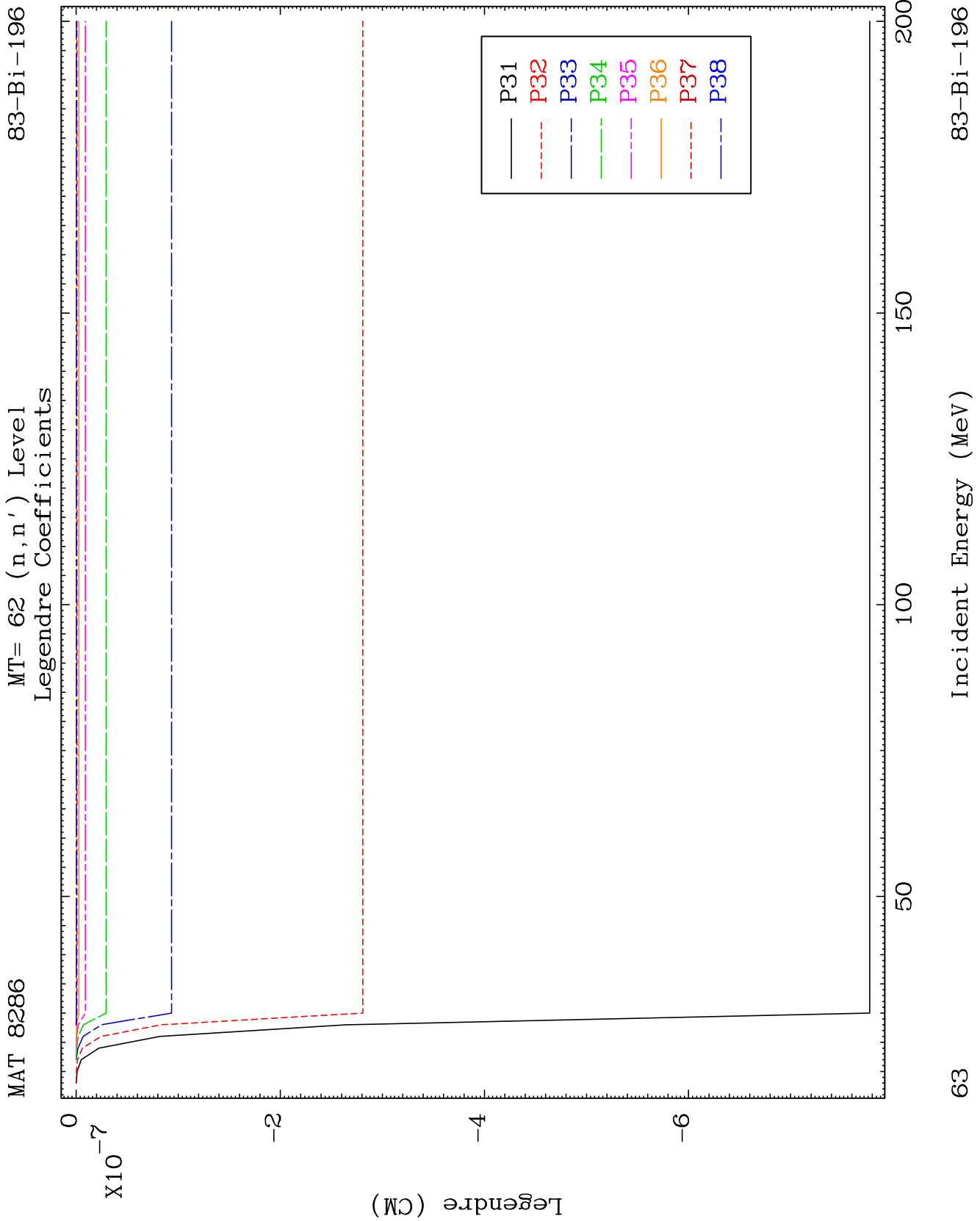
MT= 62 (n, n') Level
Legendre Coefficients

83-Bi-196





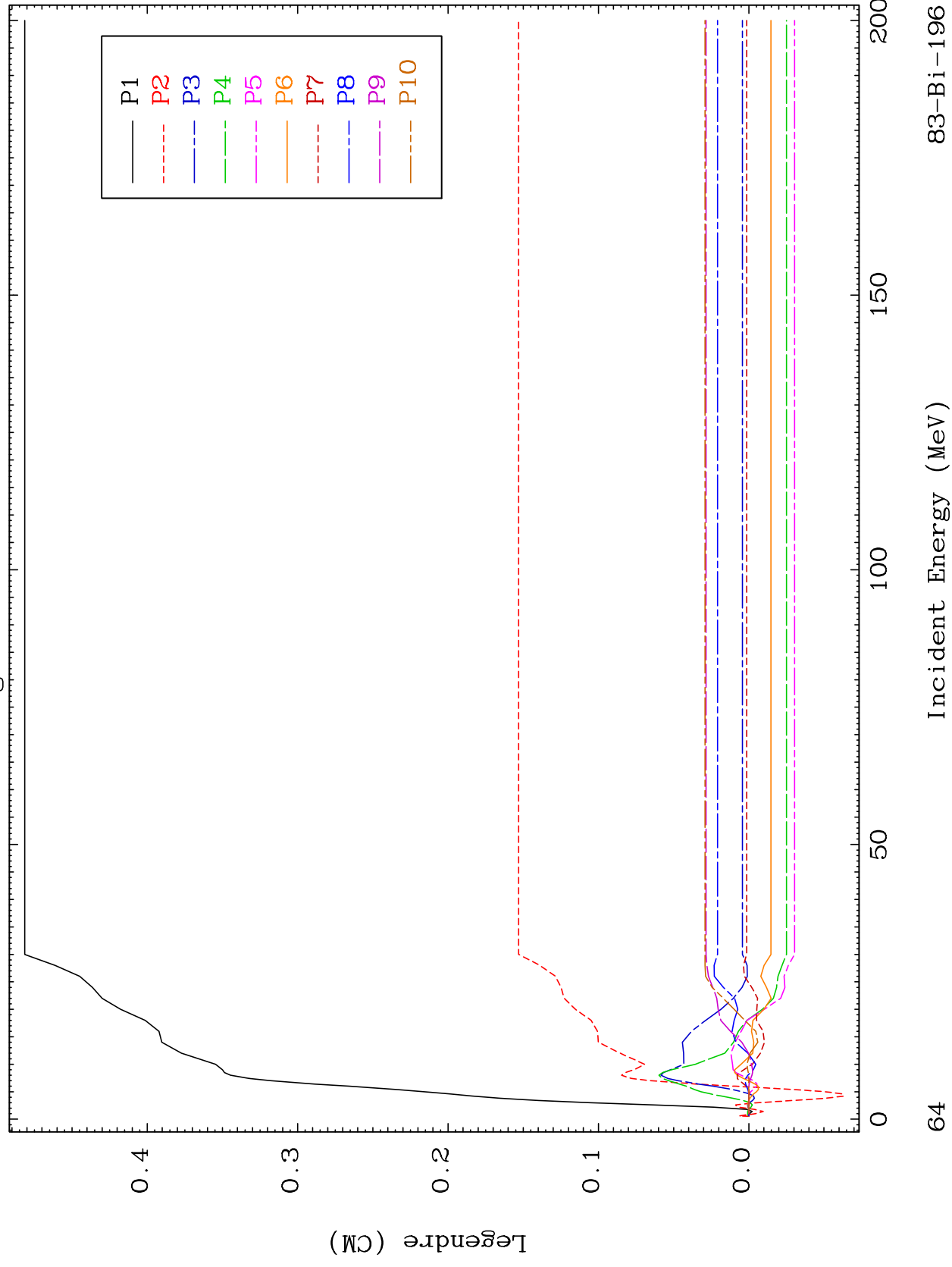




MAT 8286

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

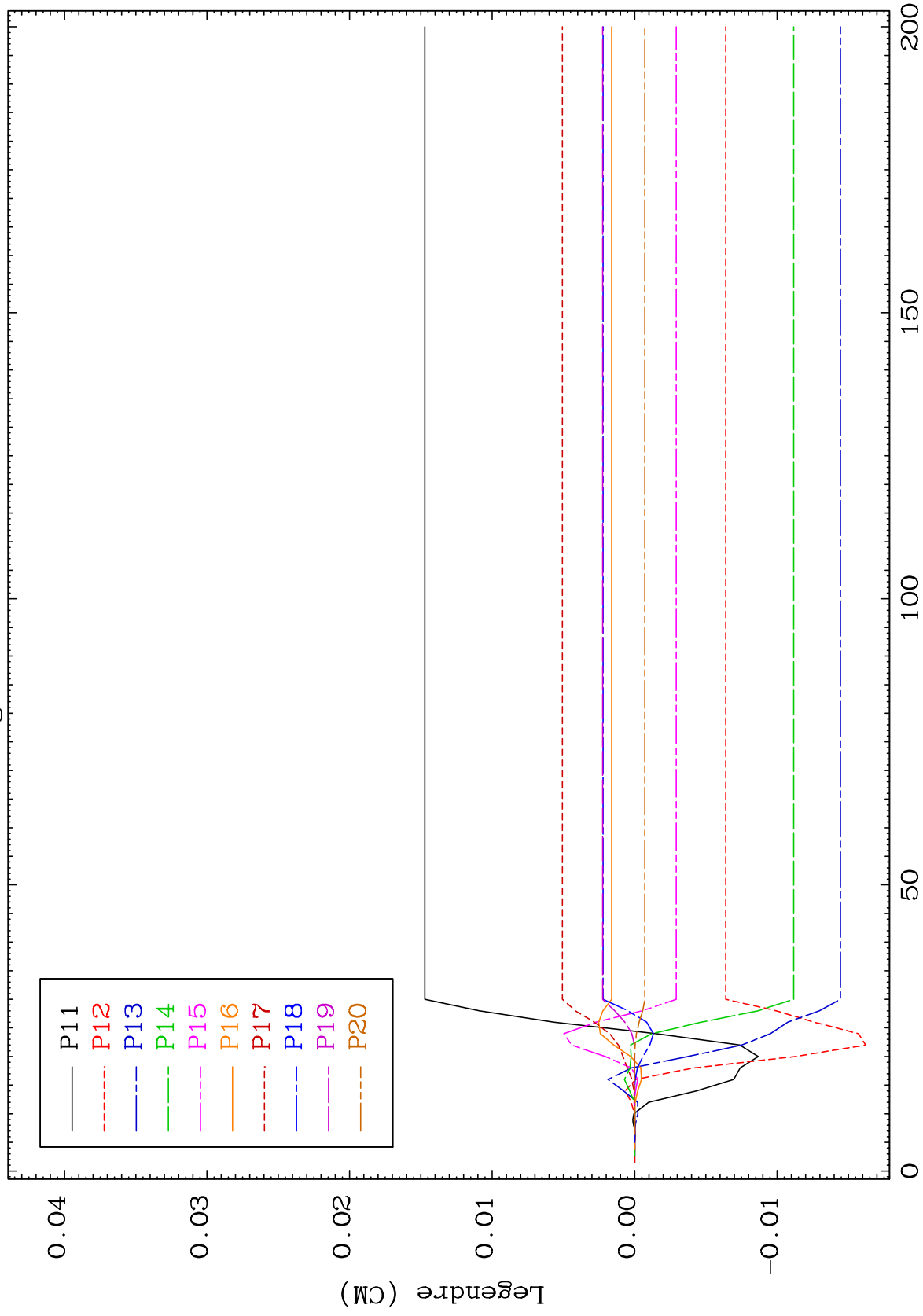
83-Bi-196



MAT 8286

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

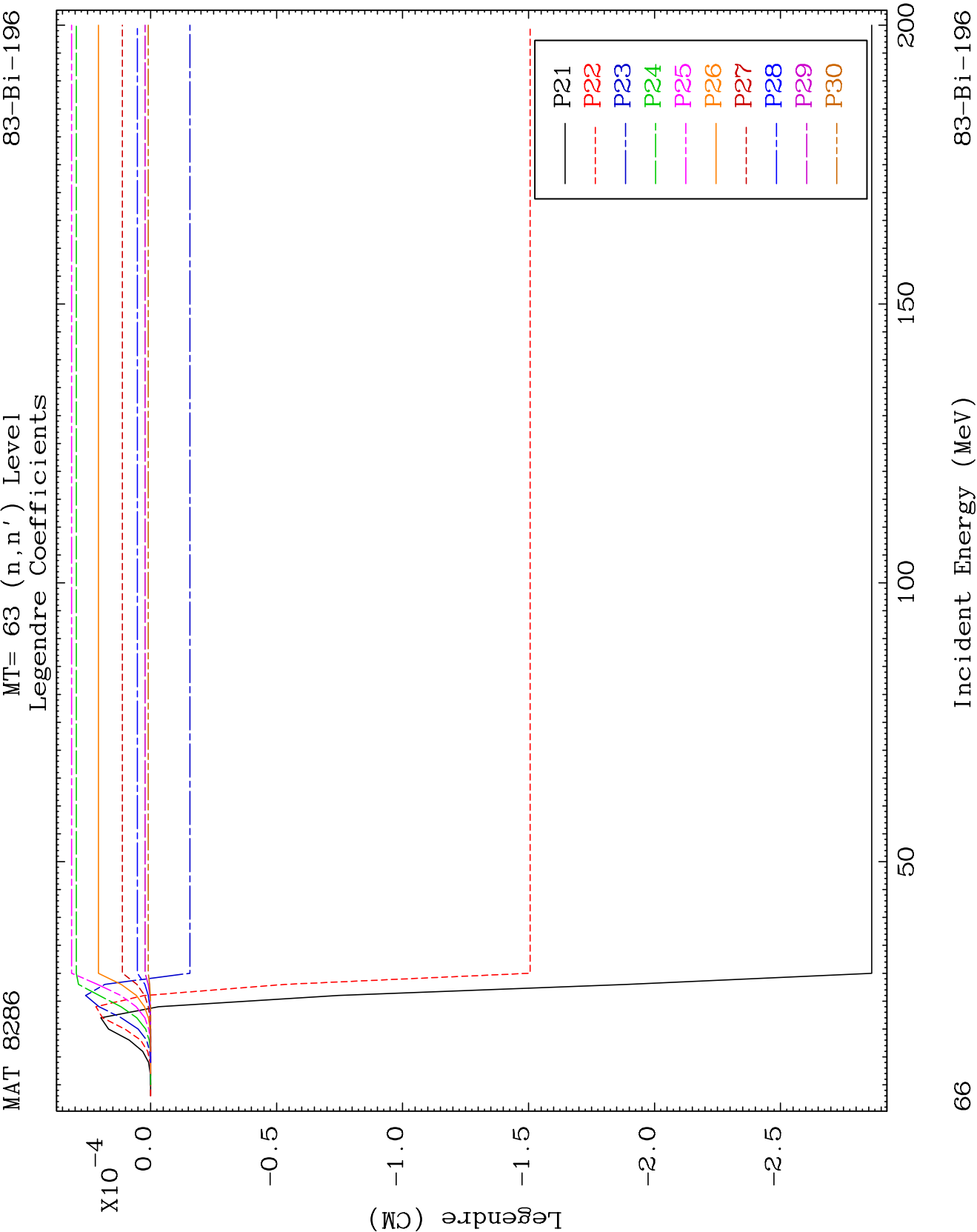
83-Bi-196

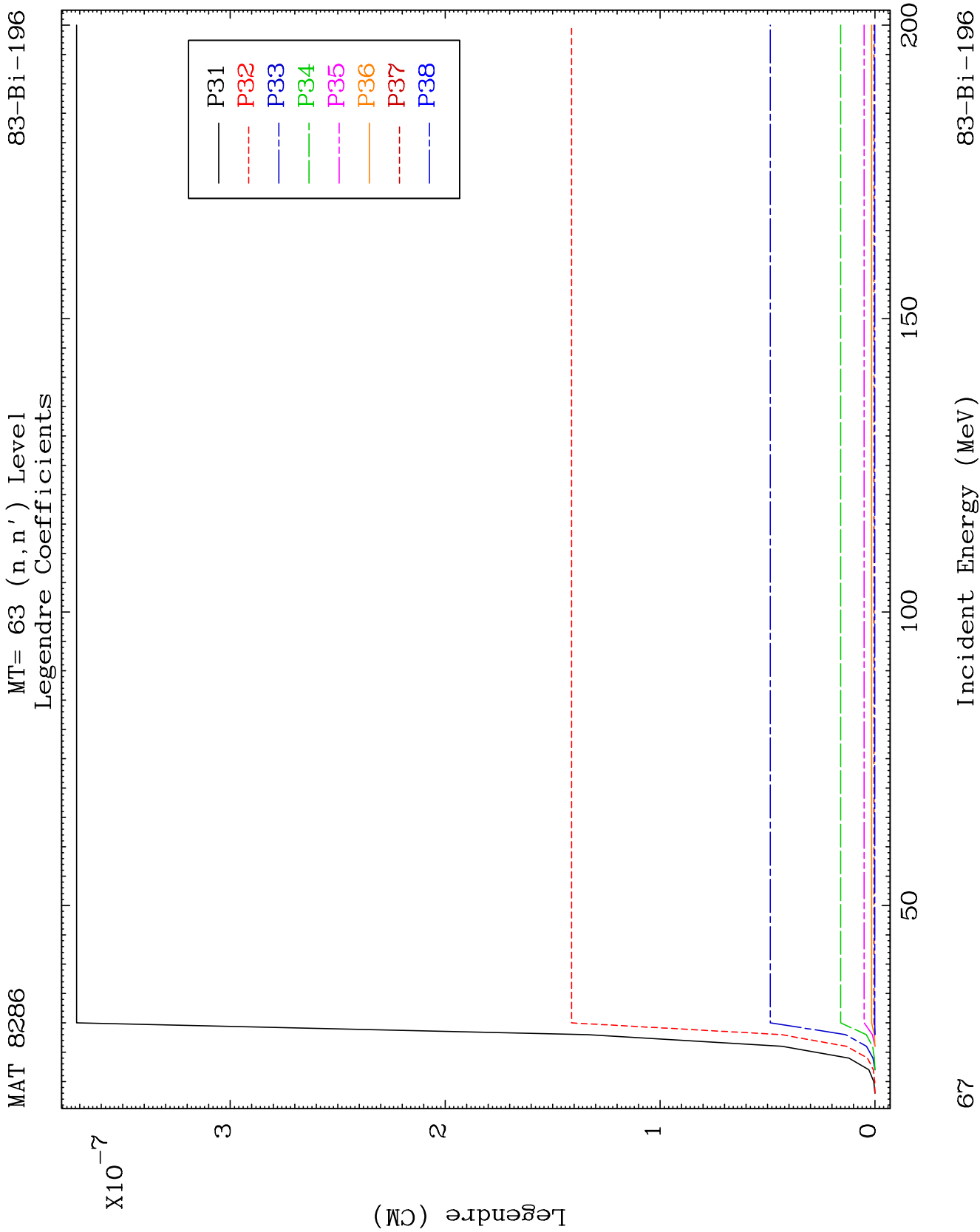


83-Bi-196

Incident Energy (MeV)

65

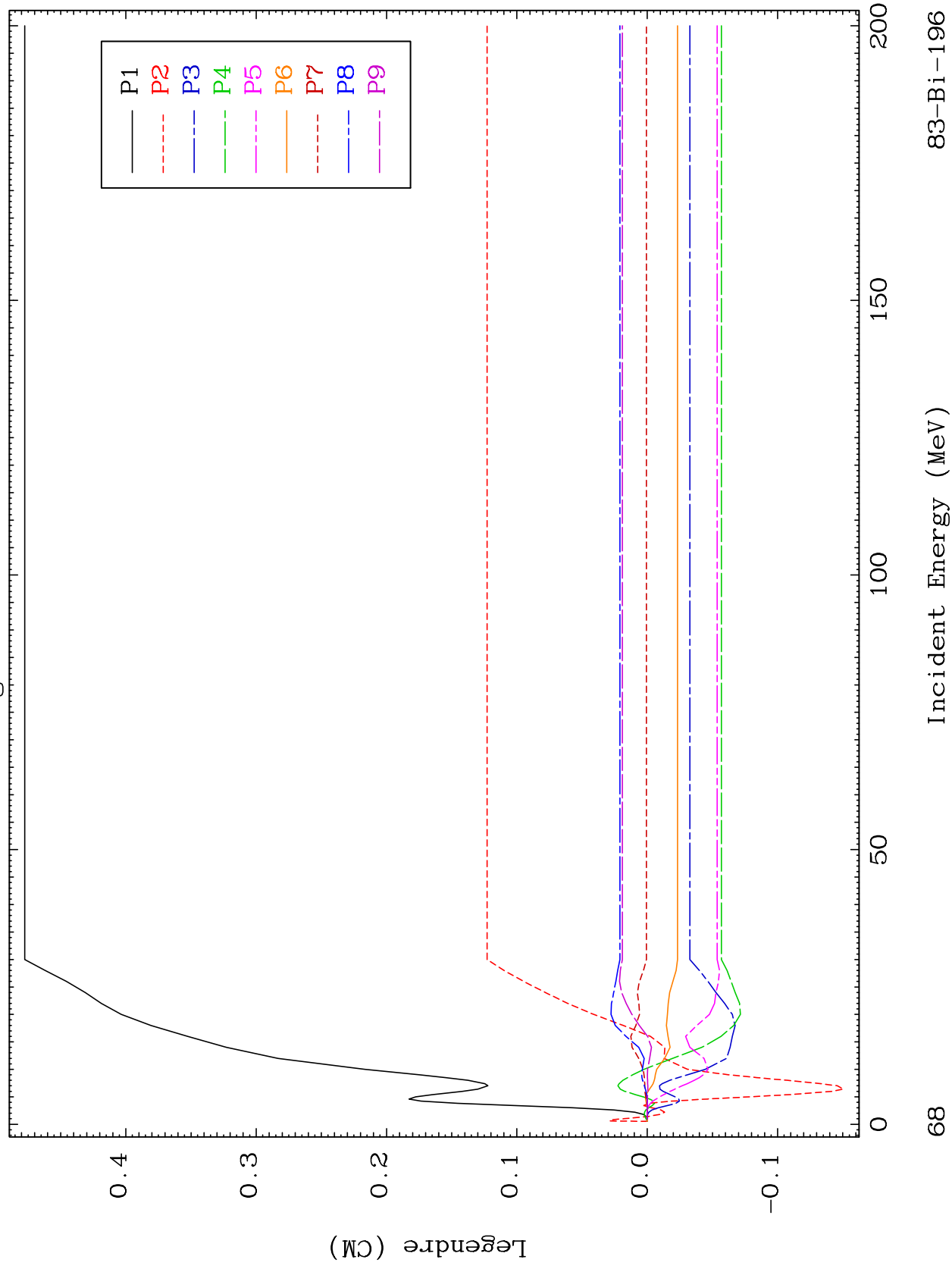


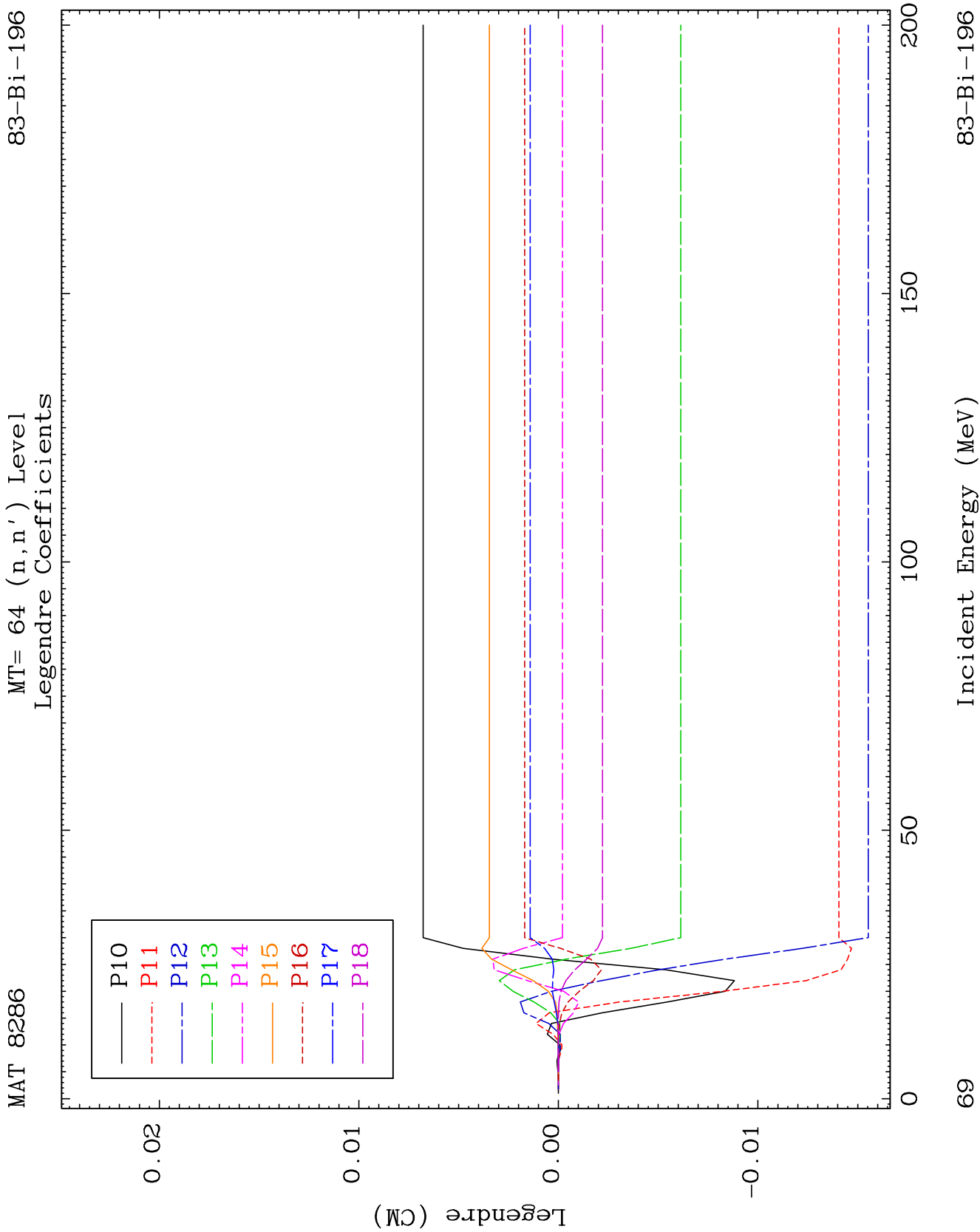


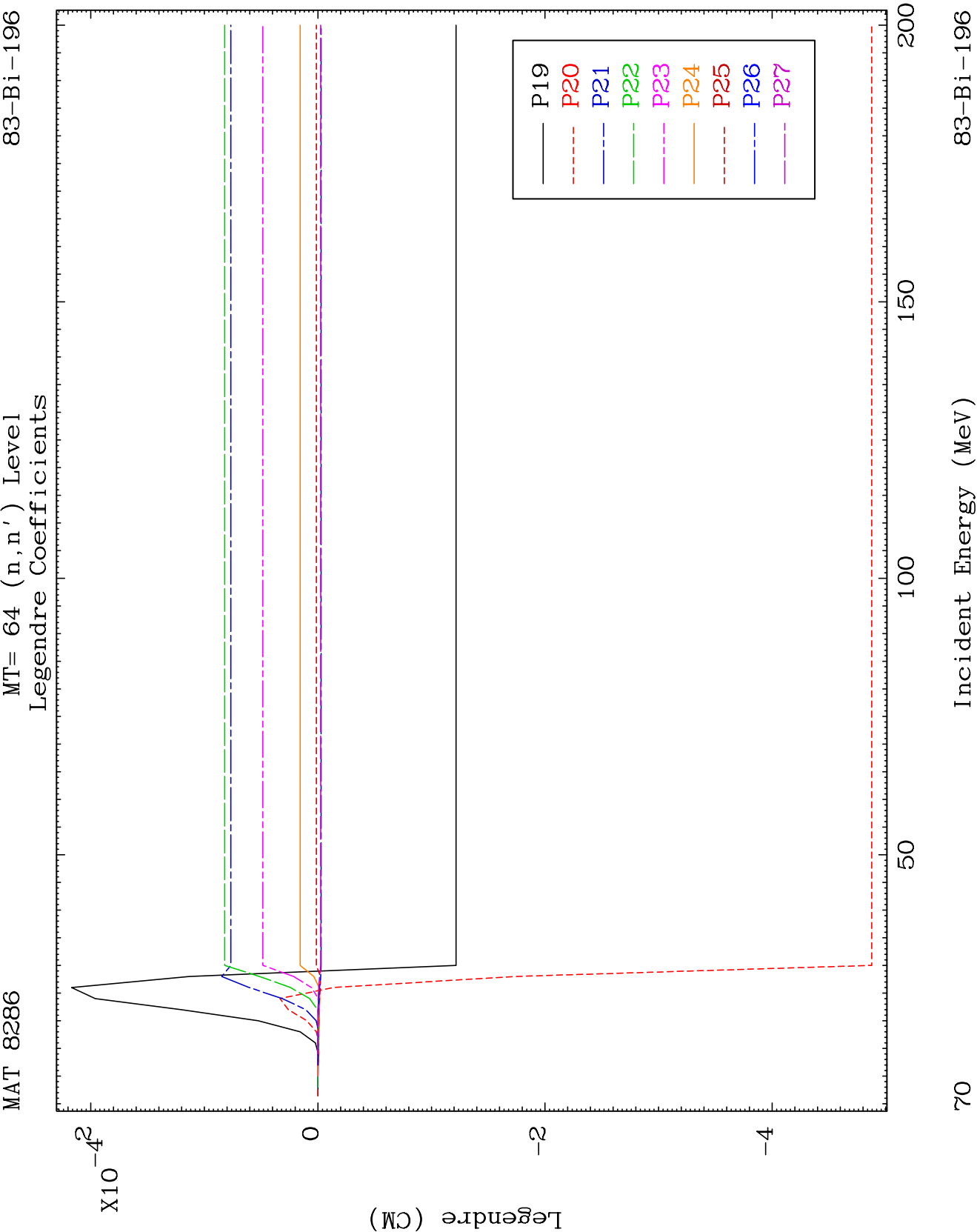
MAT 8286

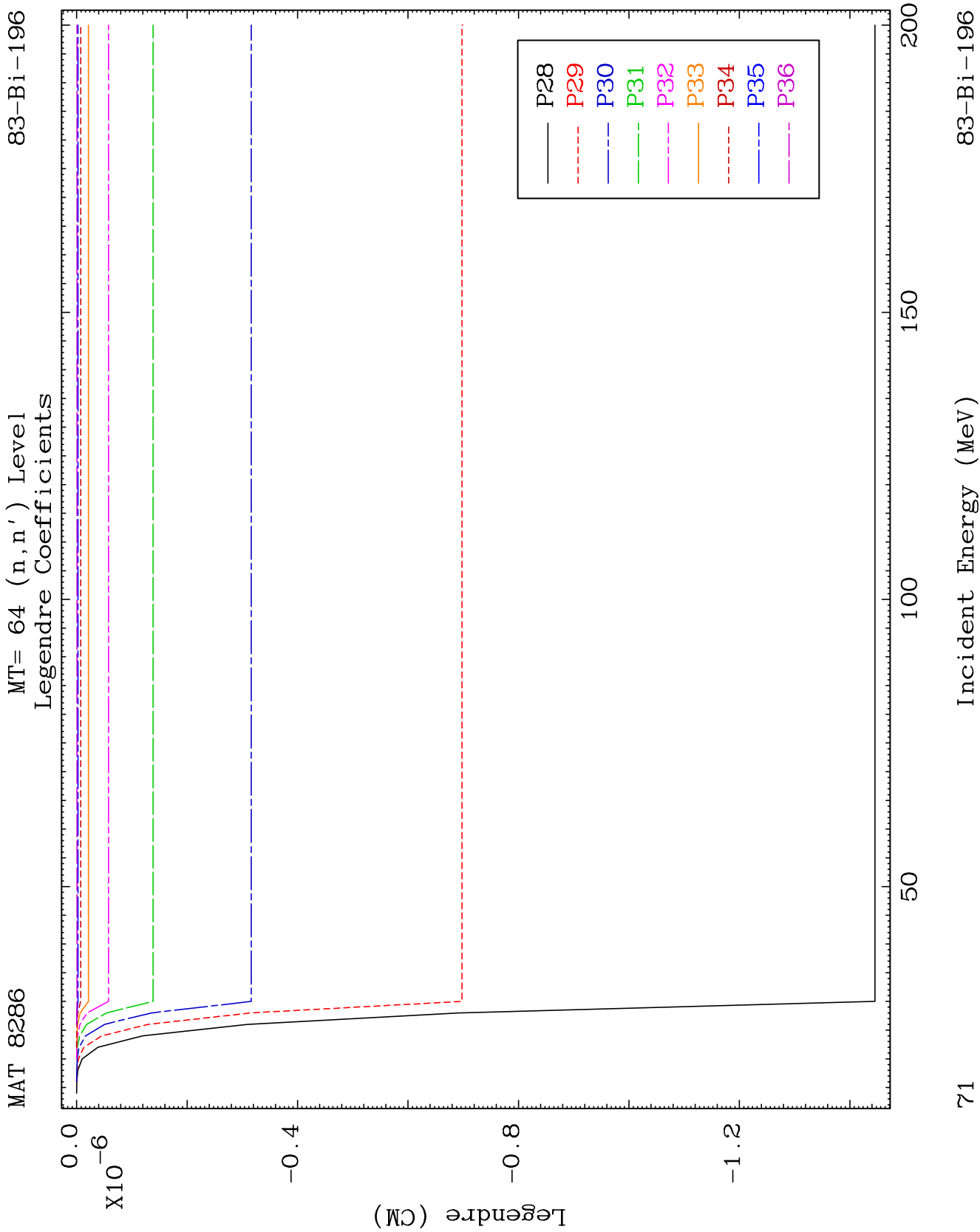
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Legendre Coefficients

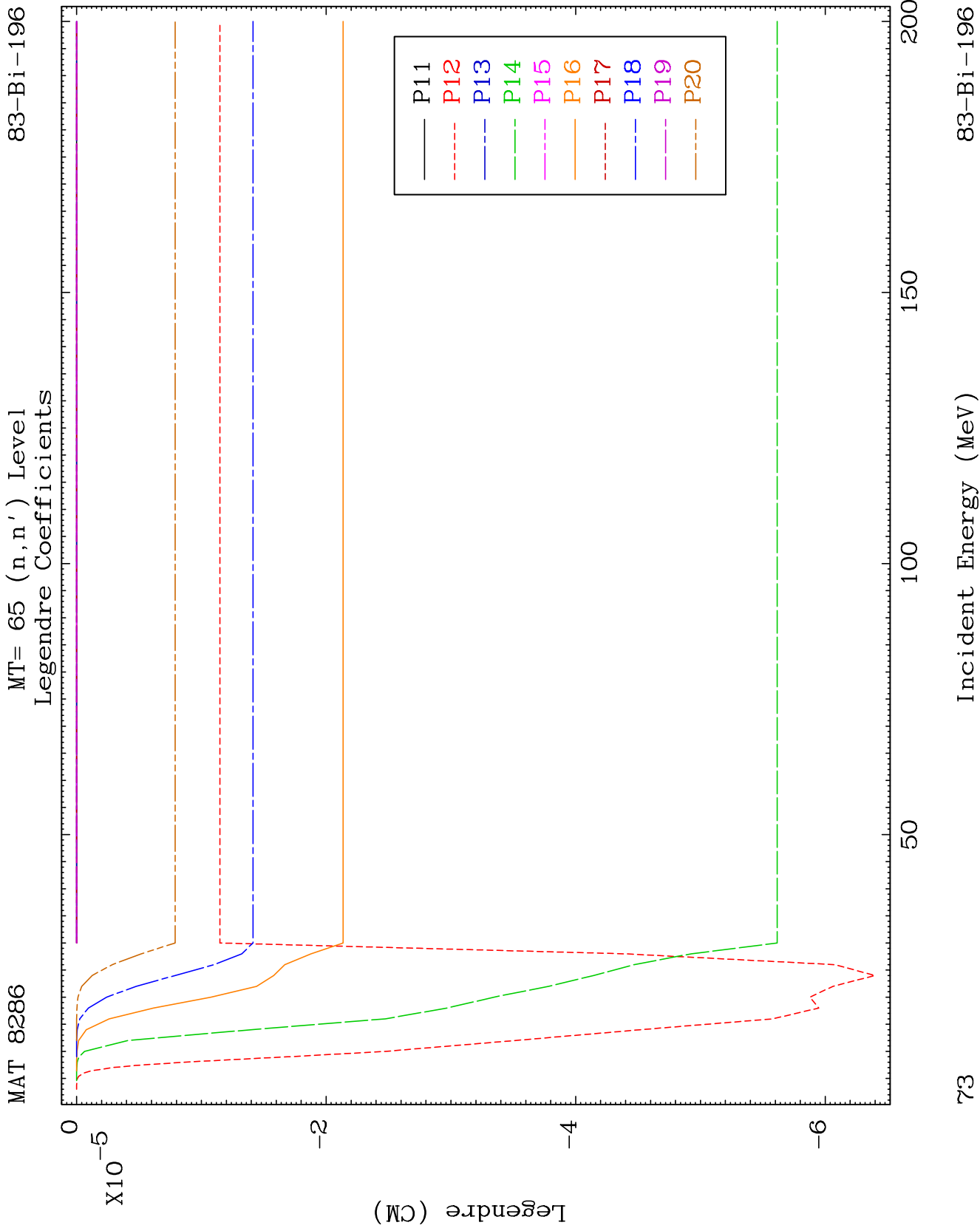
83-Bi-196

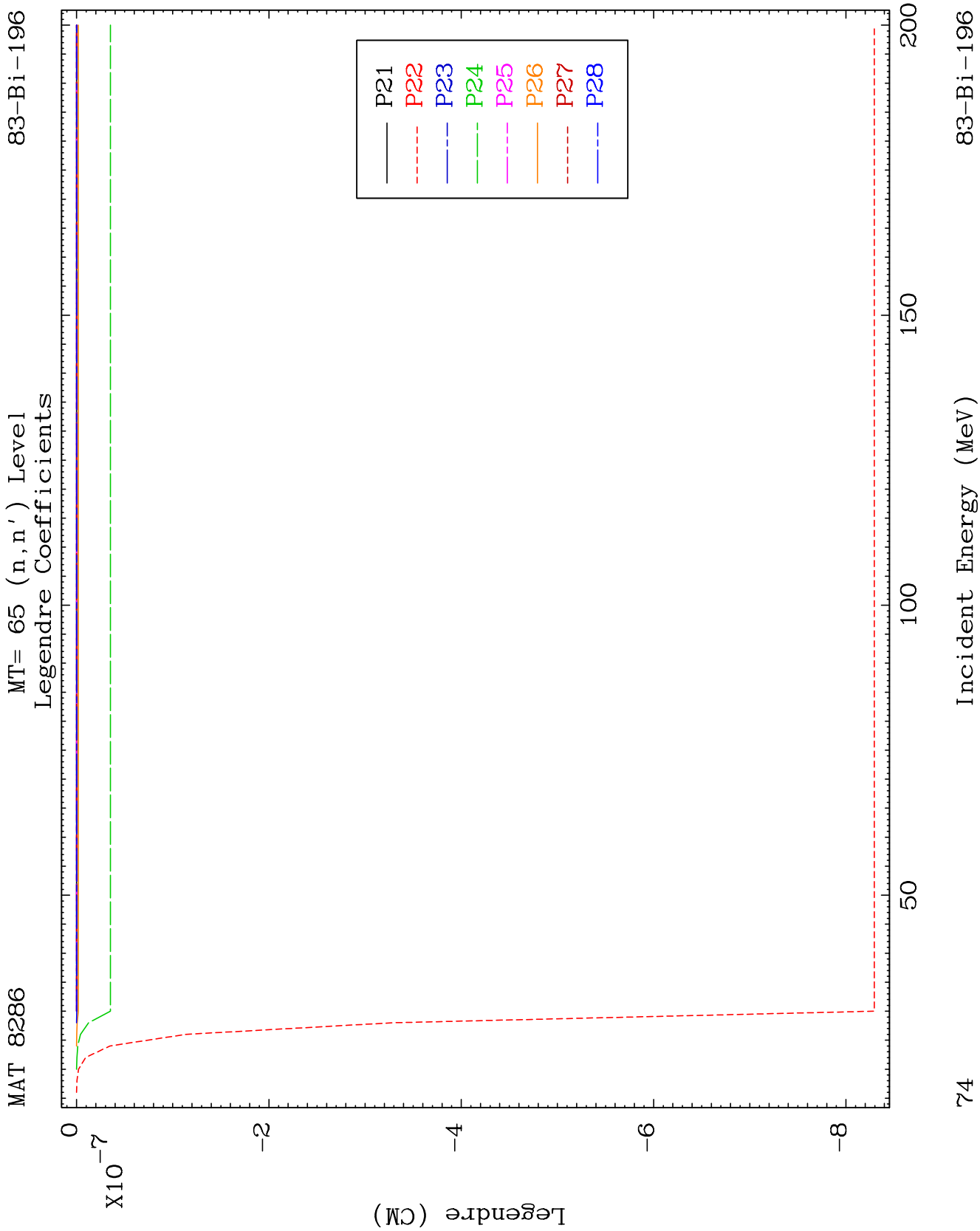








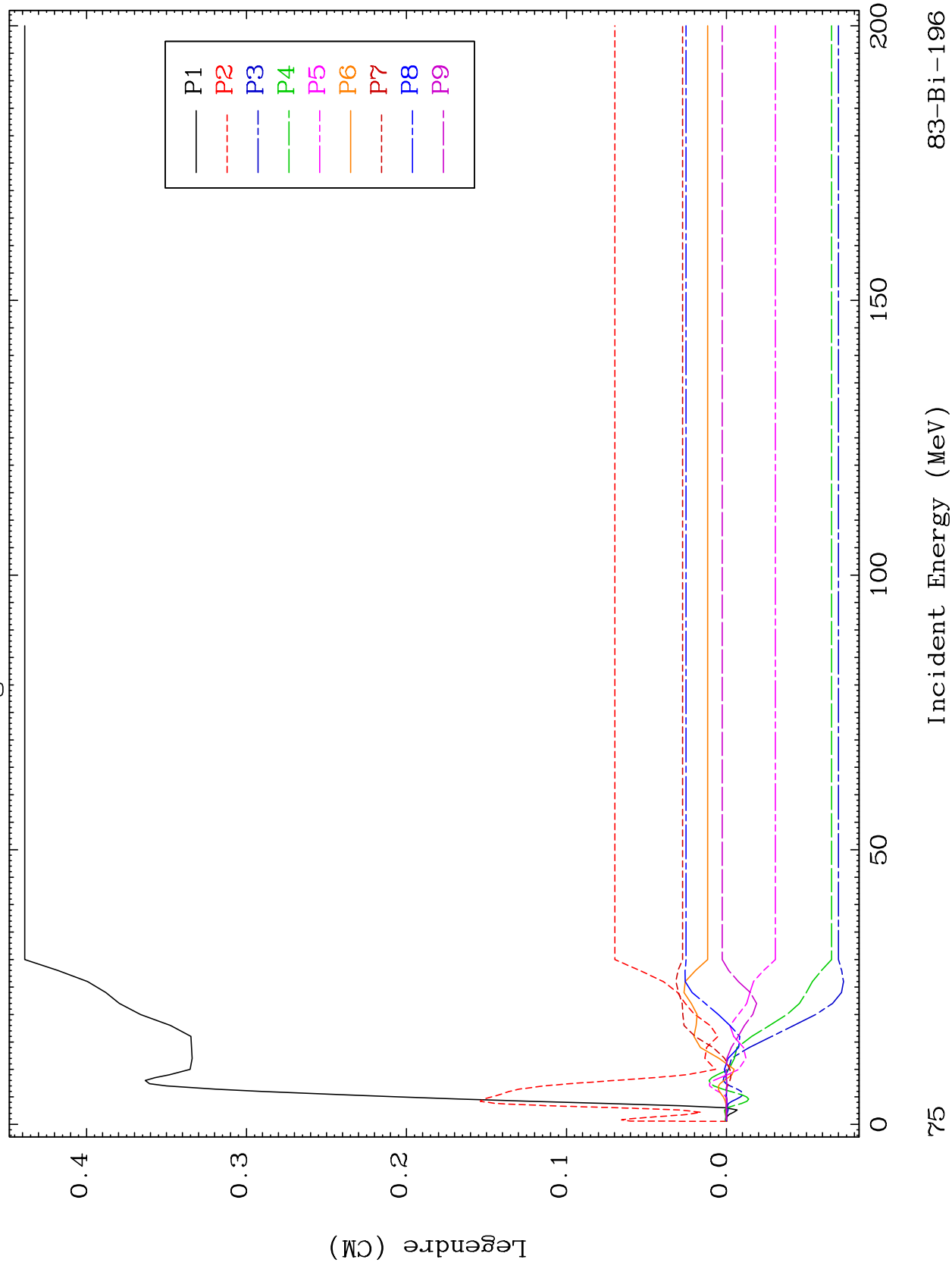


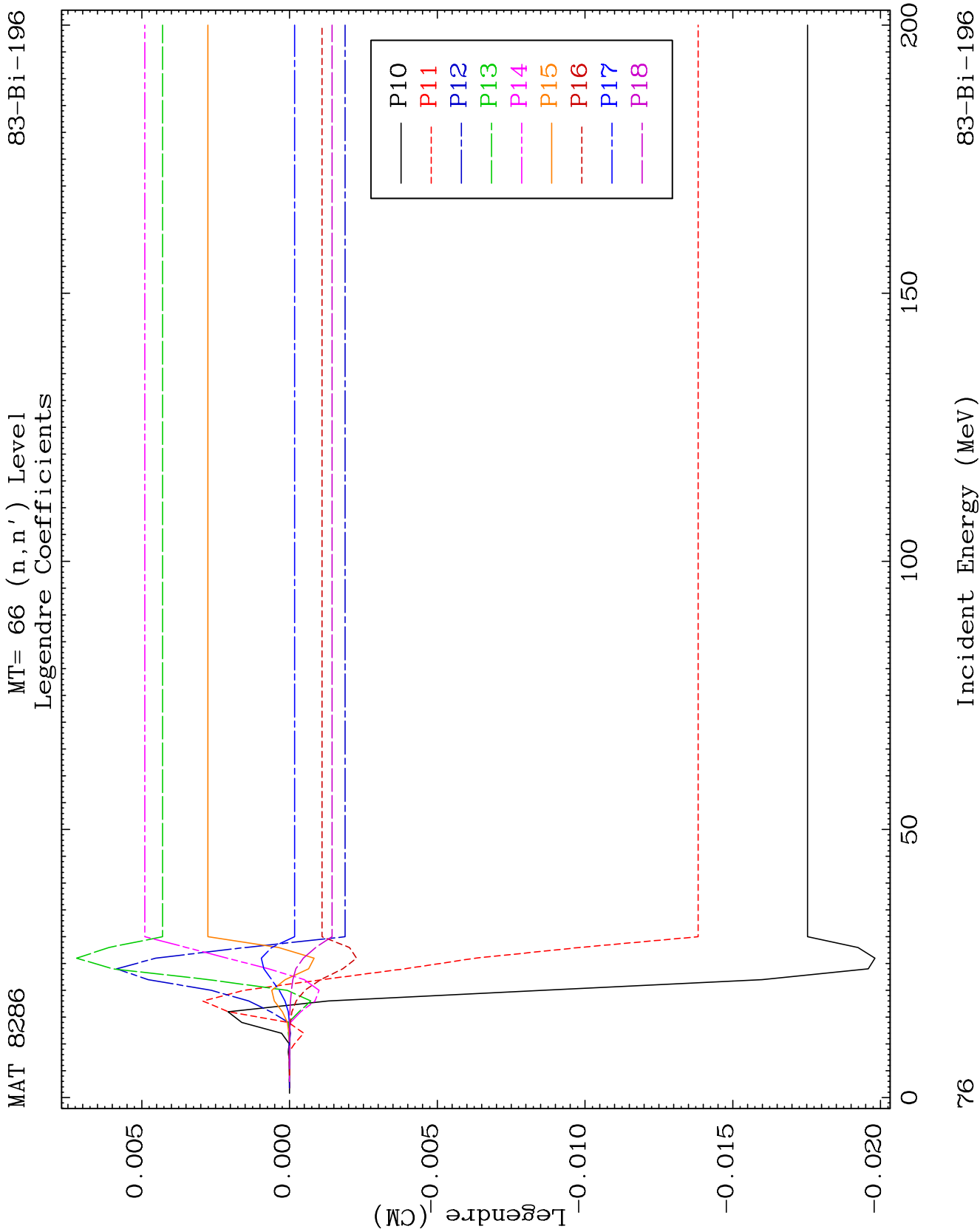


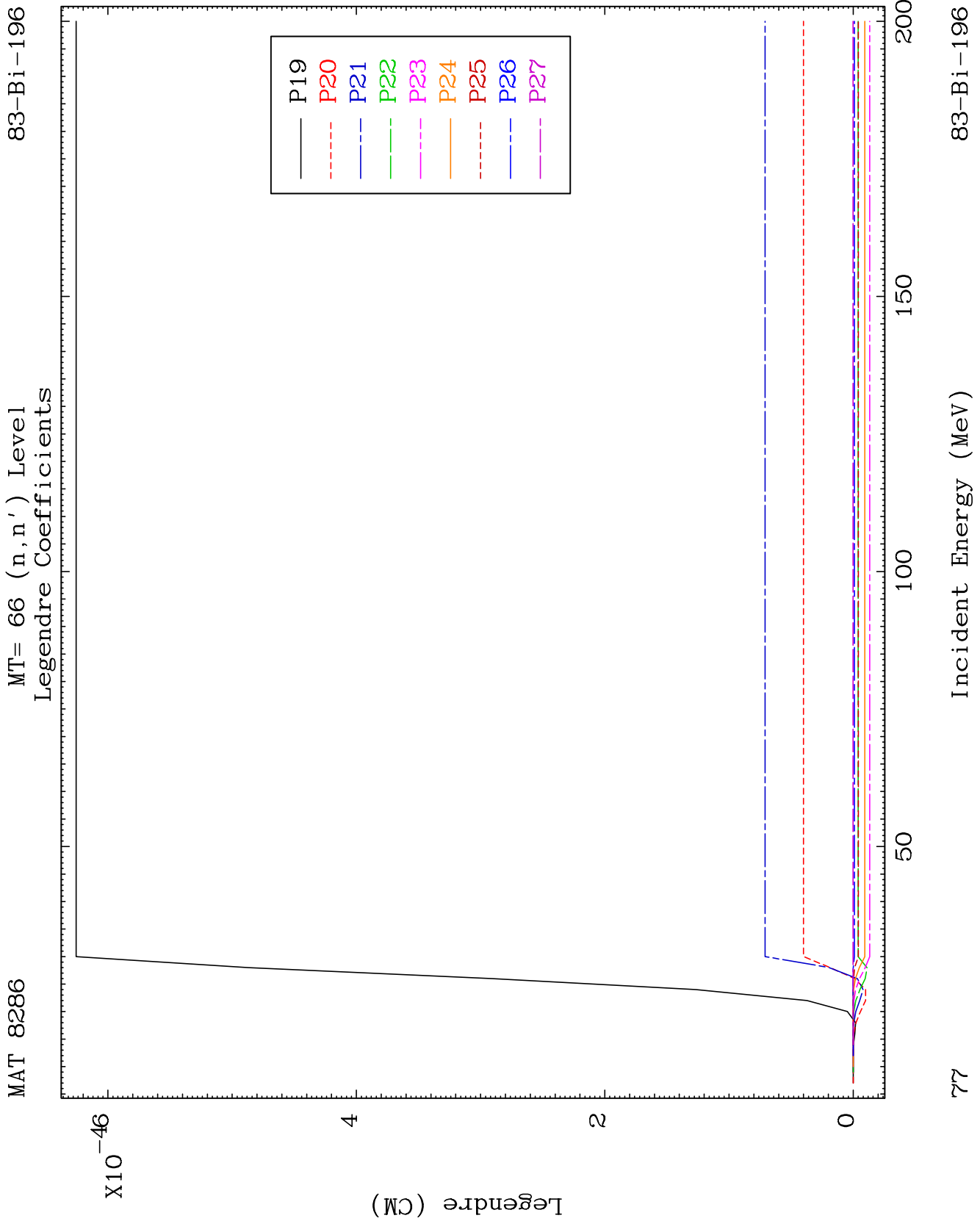
MAT 8286

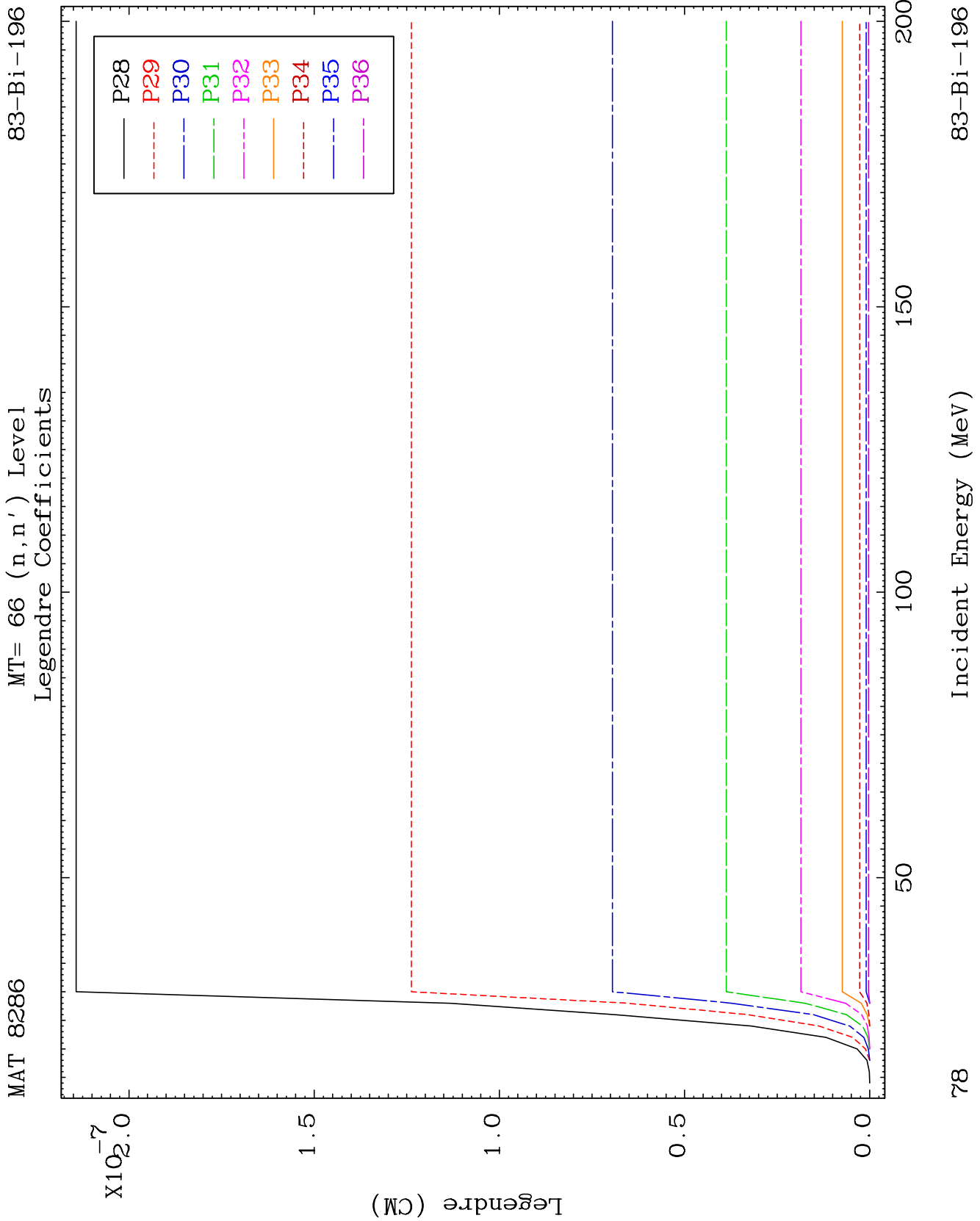
MT= 66 (n, n') Level
Legendre Coefficients

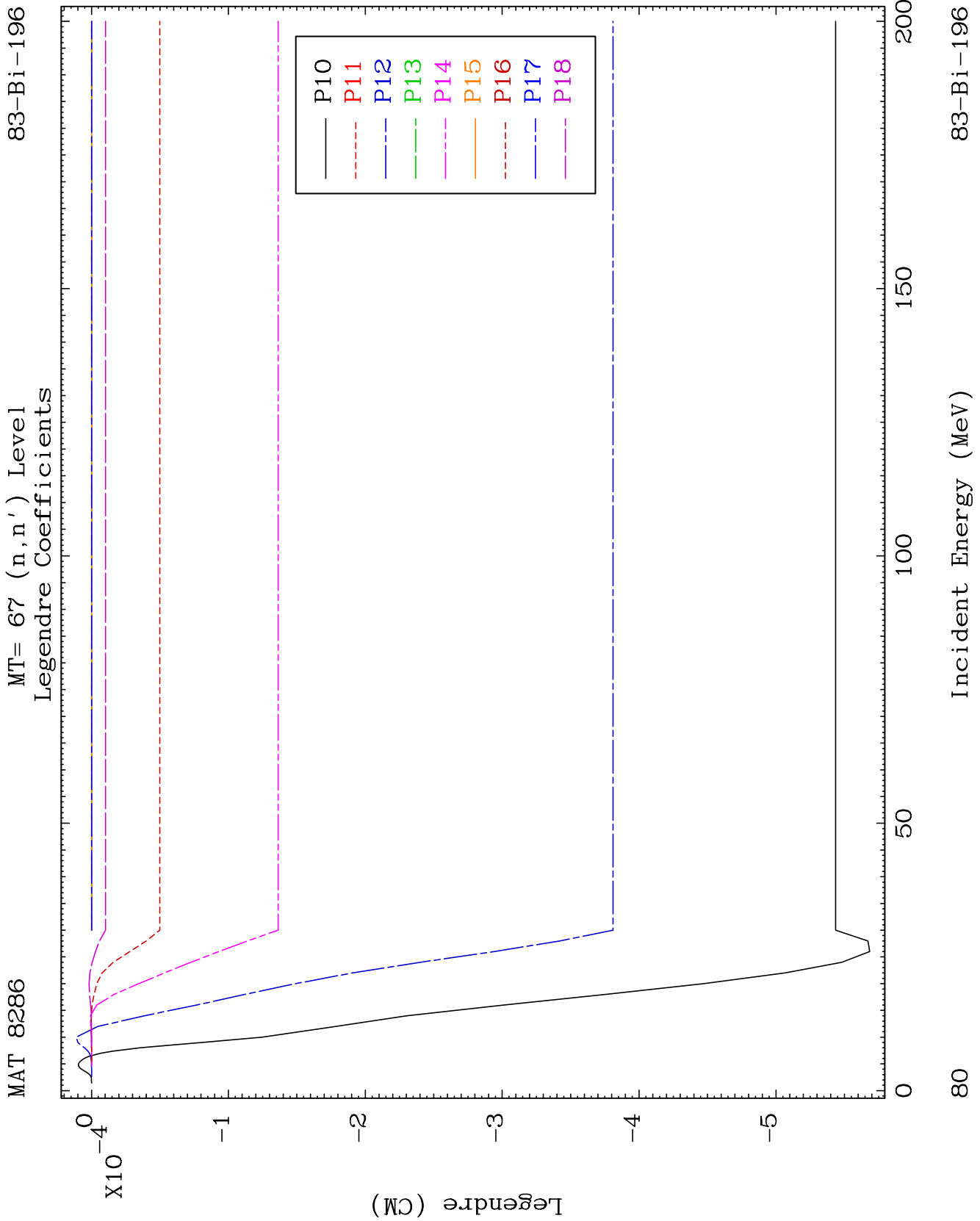
83-Bi-196

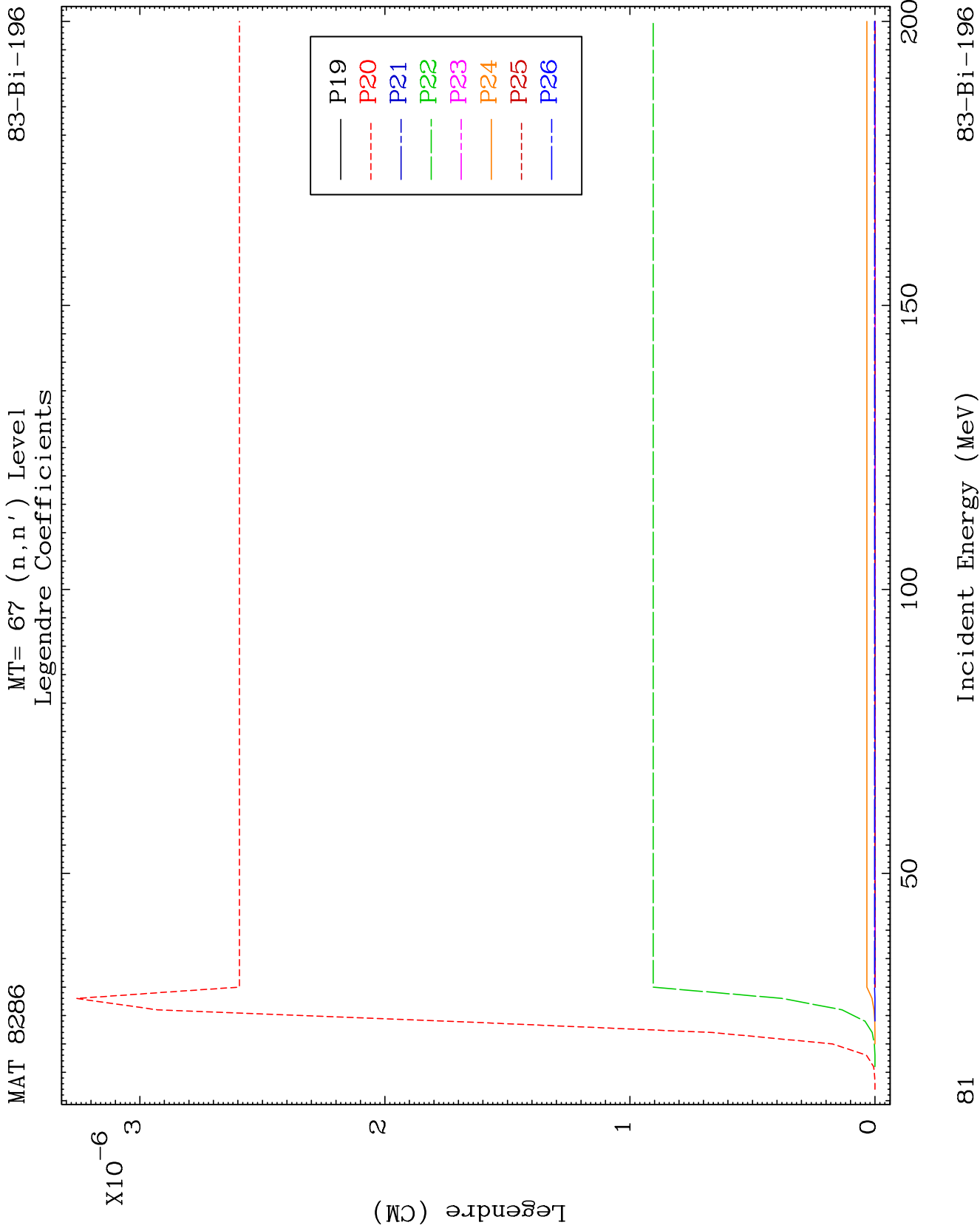


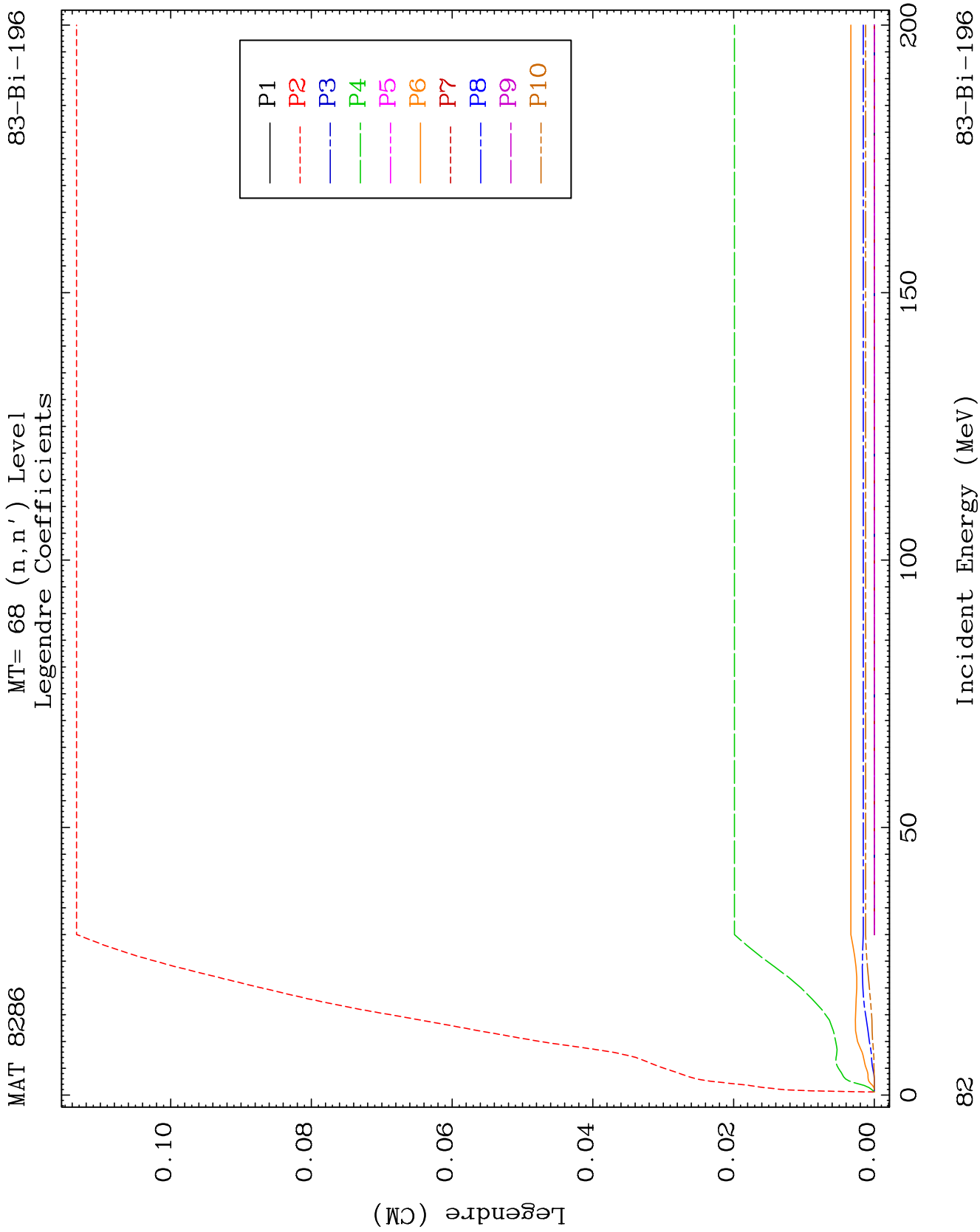








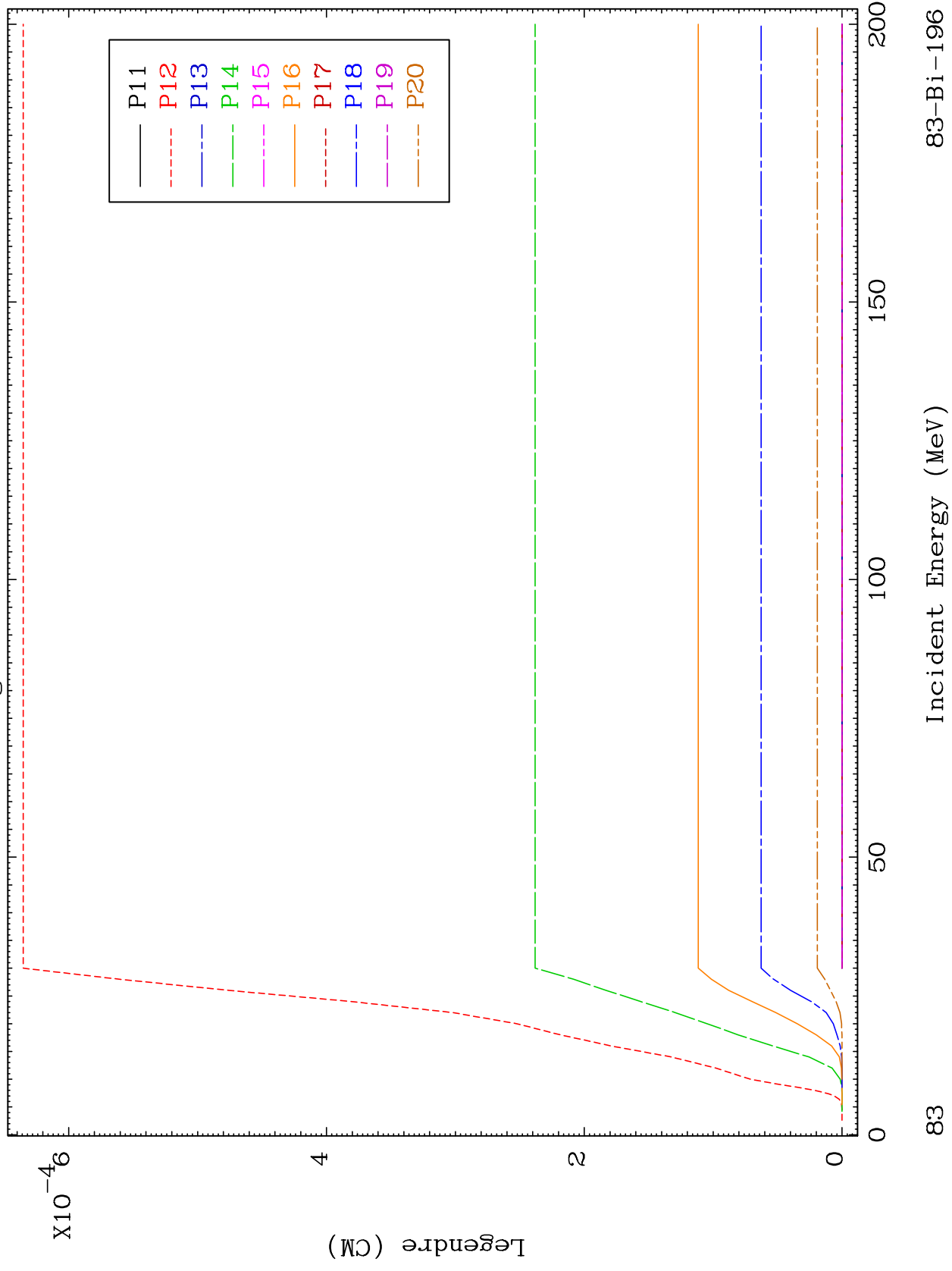


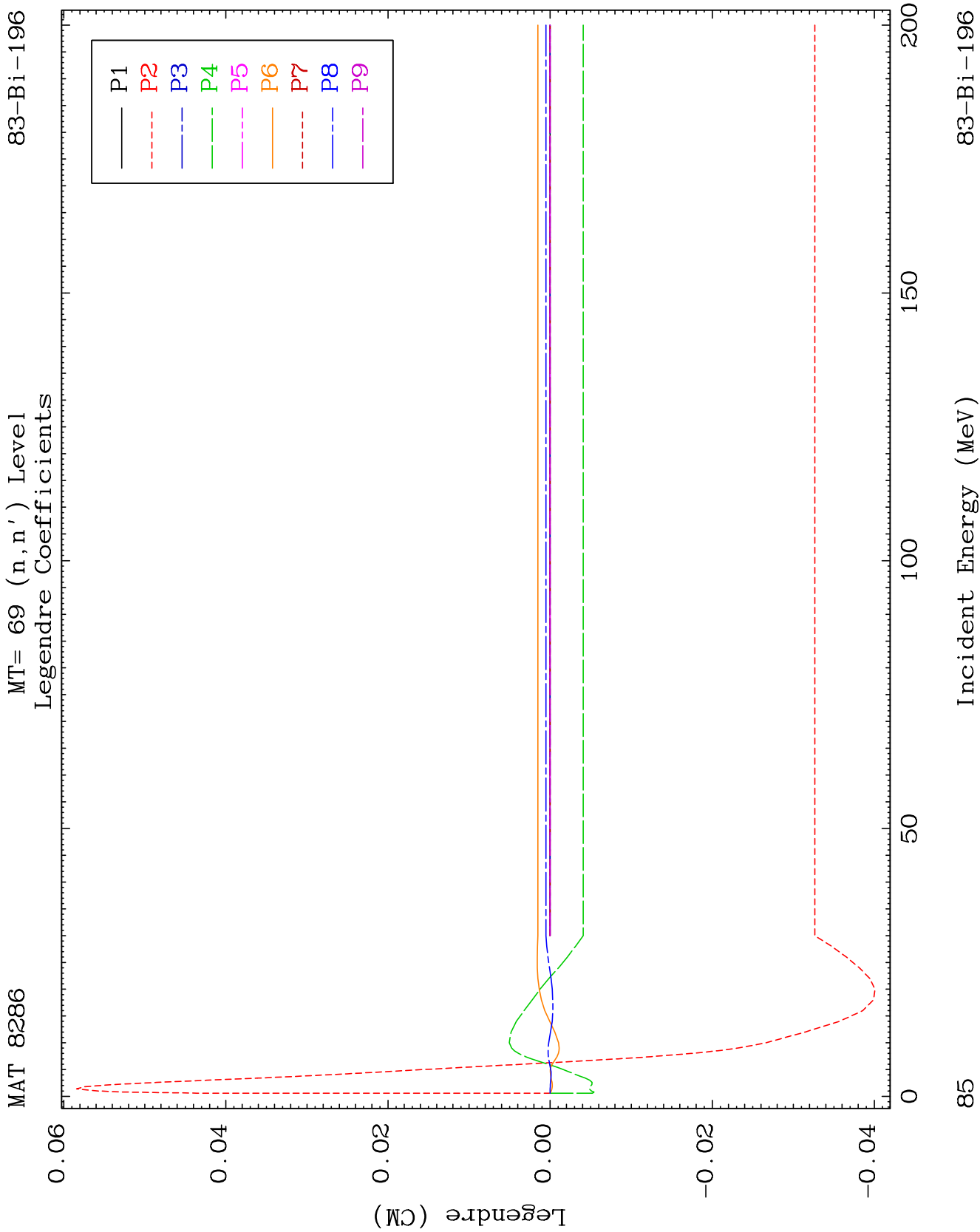


MAT 8286

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

83-Bi-196

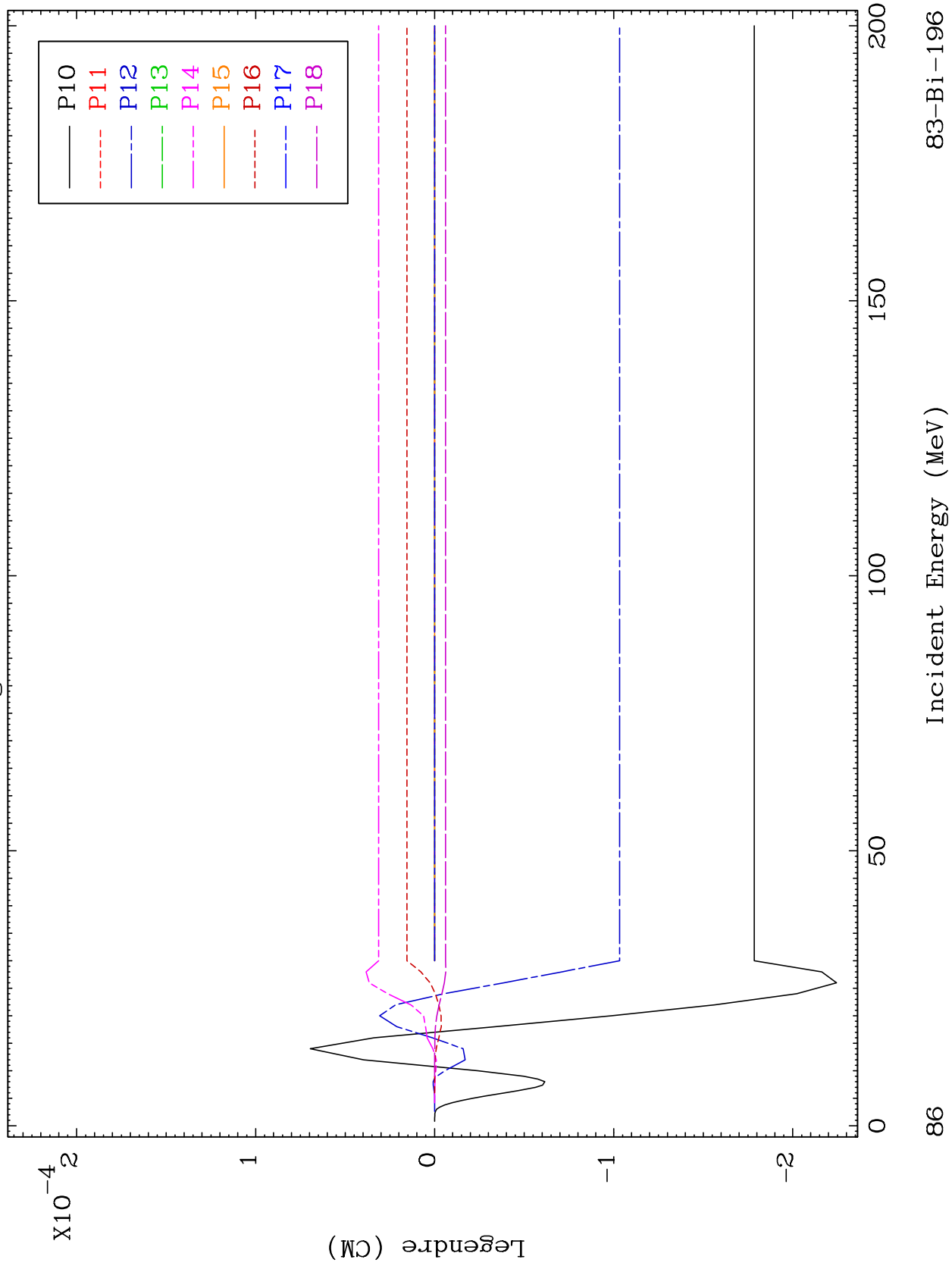


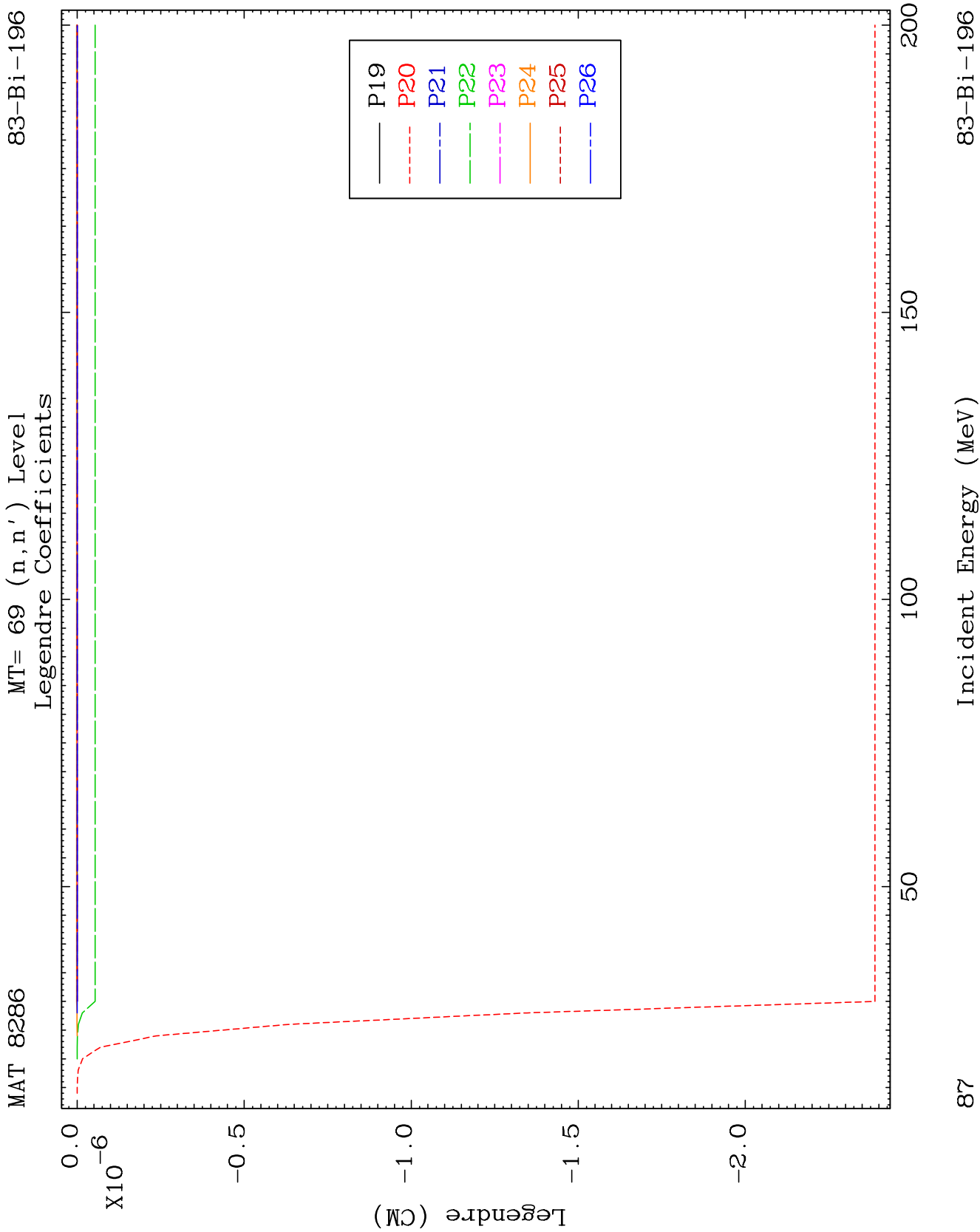


MAT 8286

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

83-Bi-196

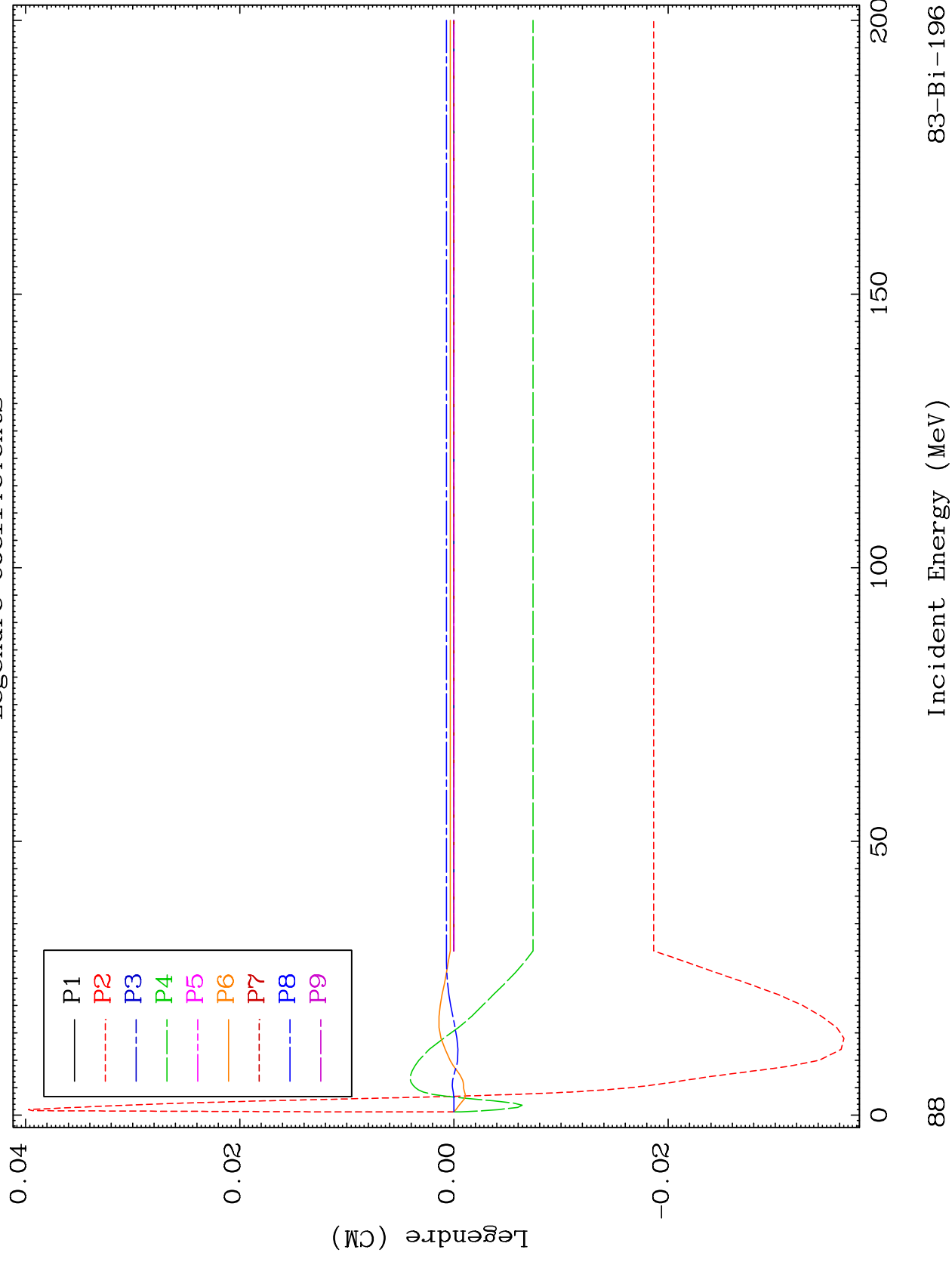




MAT 8286

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

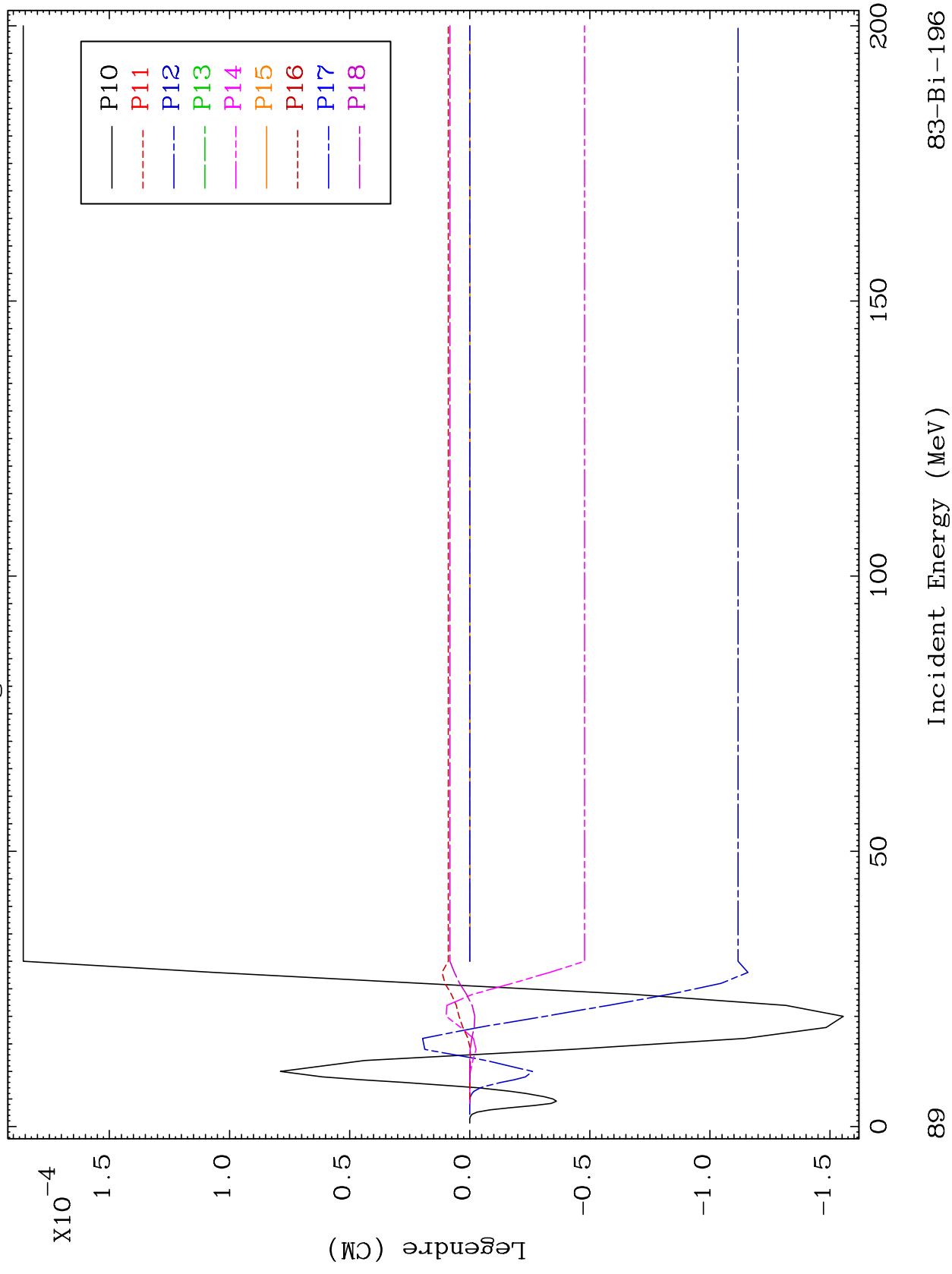
83-Bi-196



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83-Bi-196

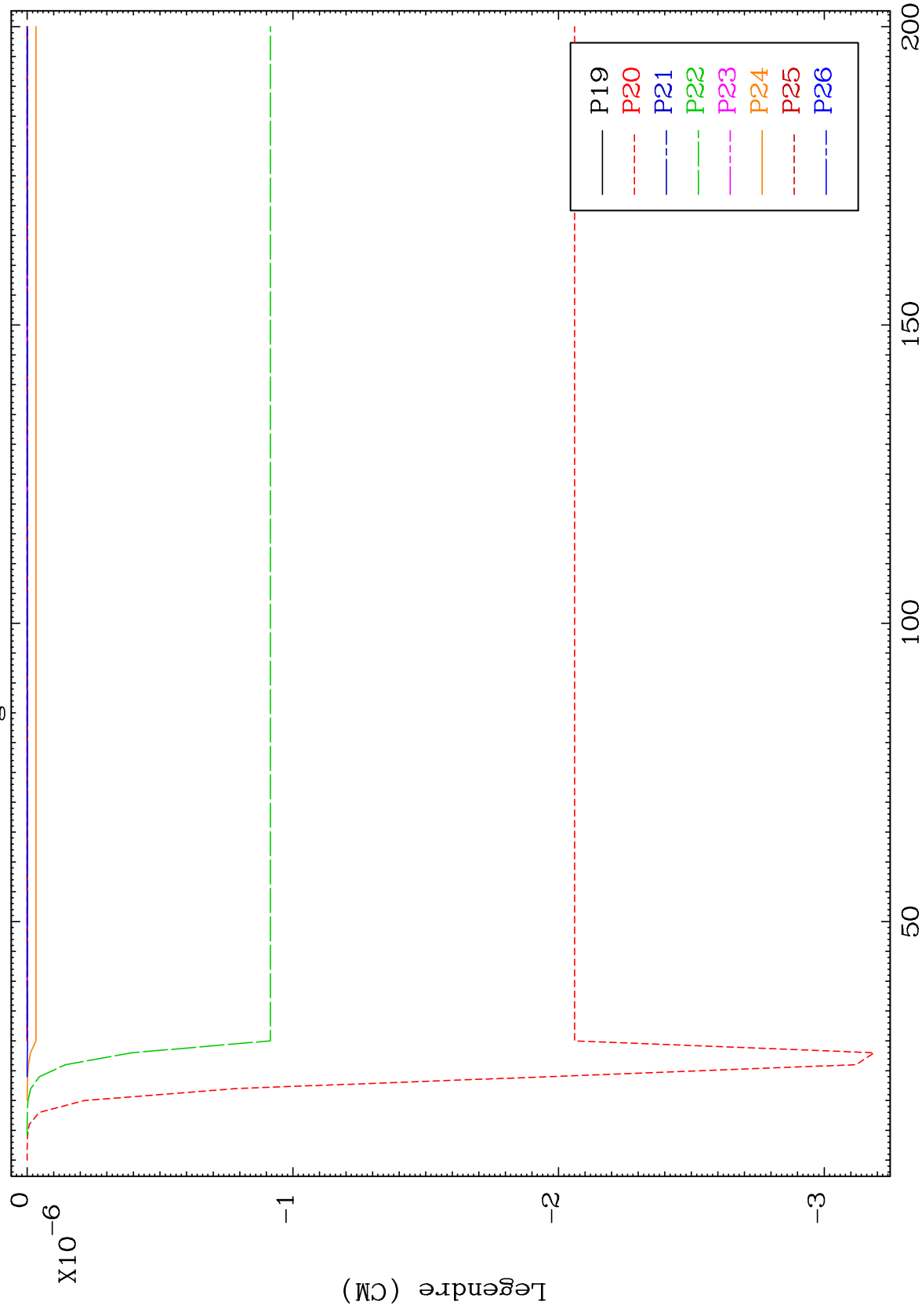
MT= 70 (n, n') Level
Legendre Coefficients



MAT 8286

83-Bi-196

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



90

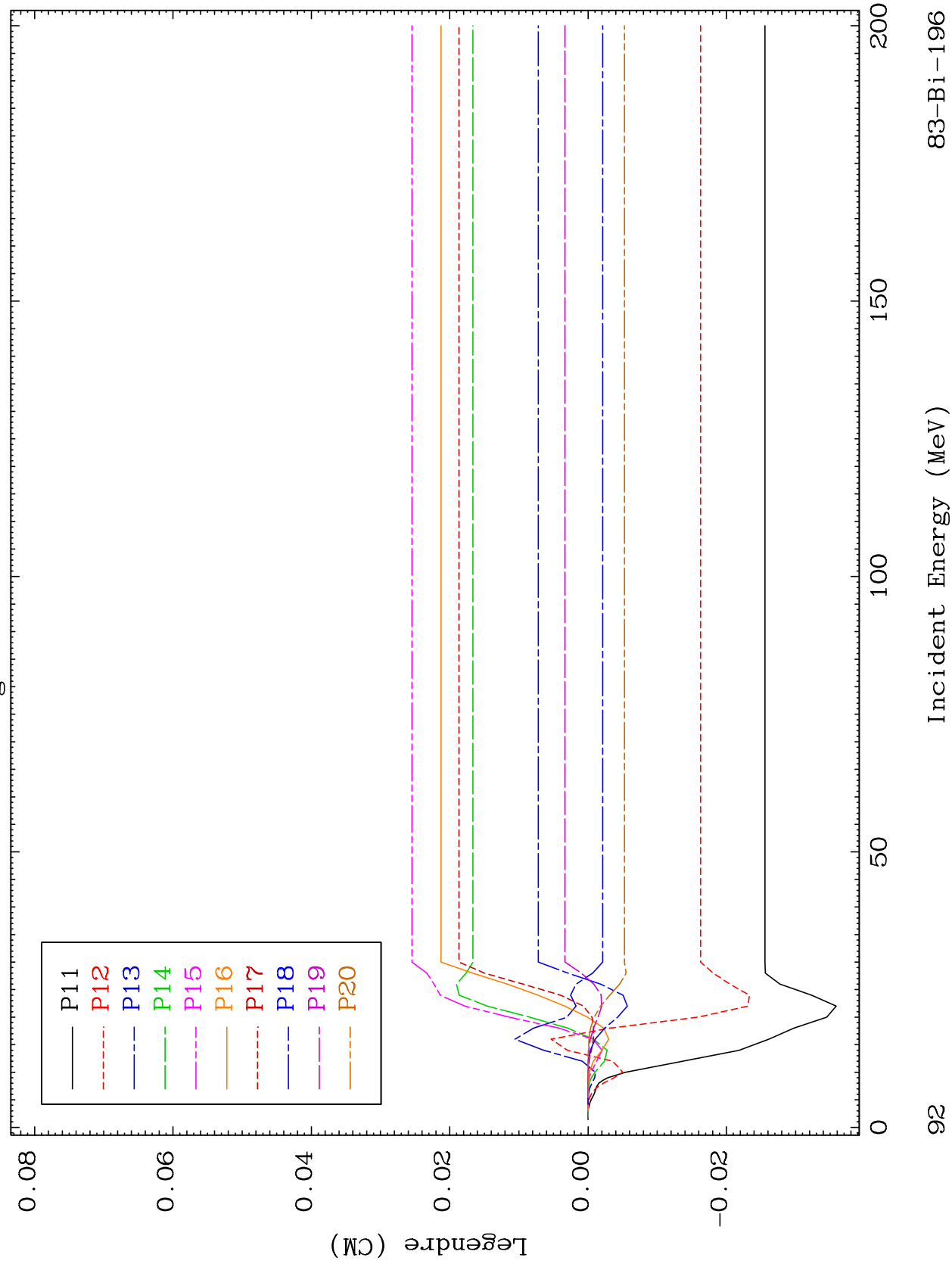
Incident Energy (MeV)

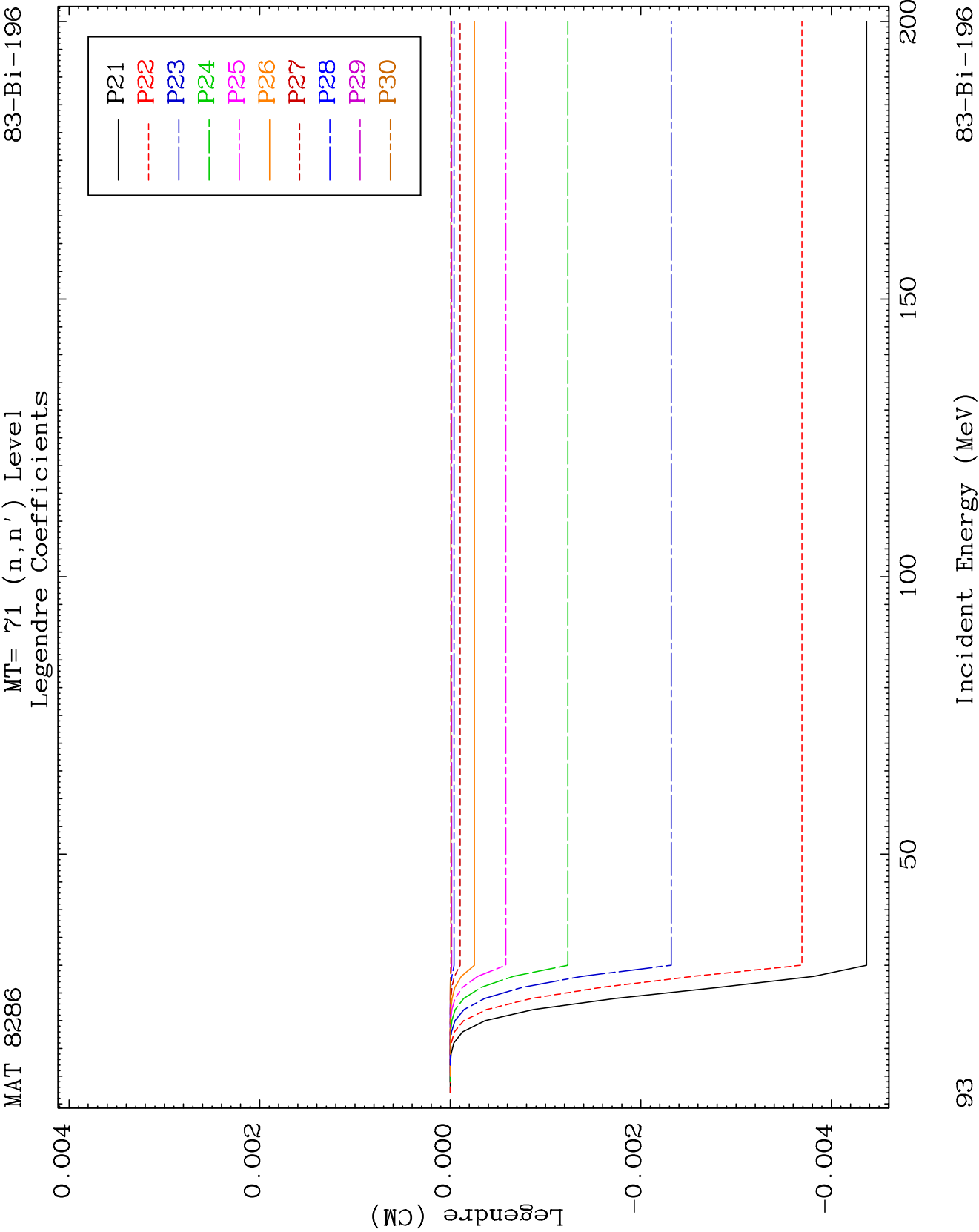
83-Bi-196

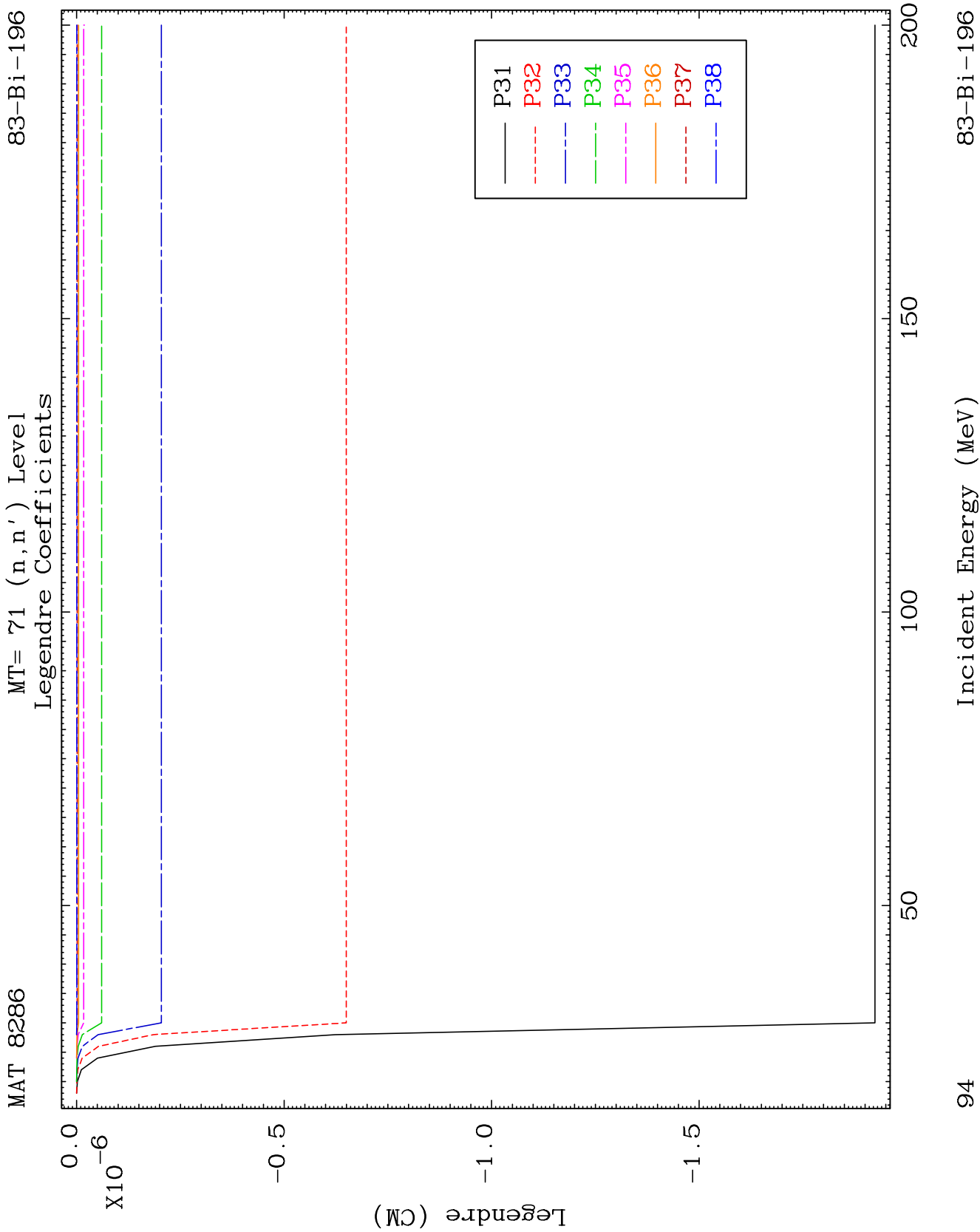
MAT 8286

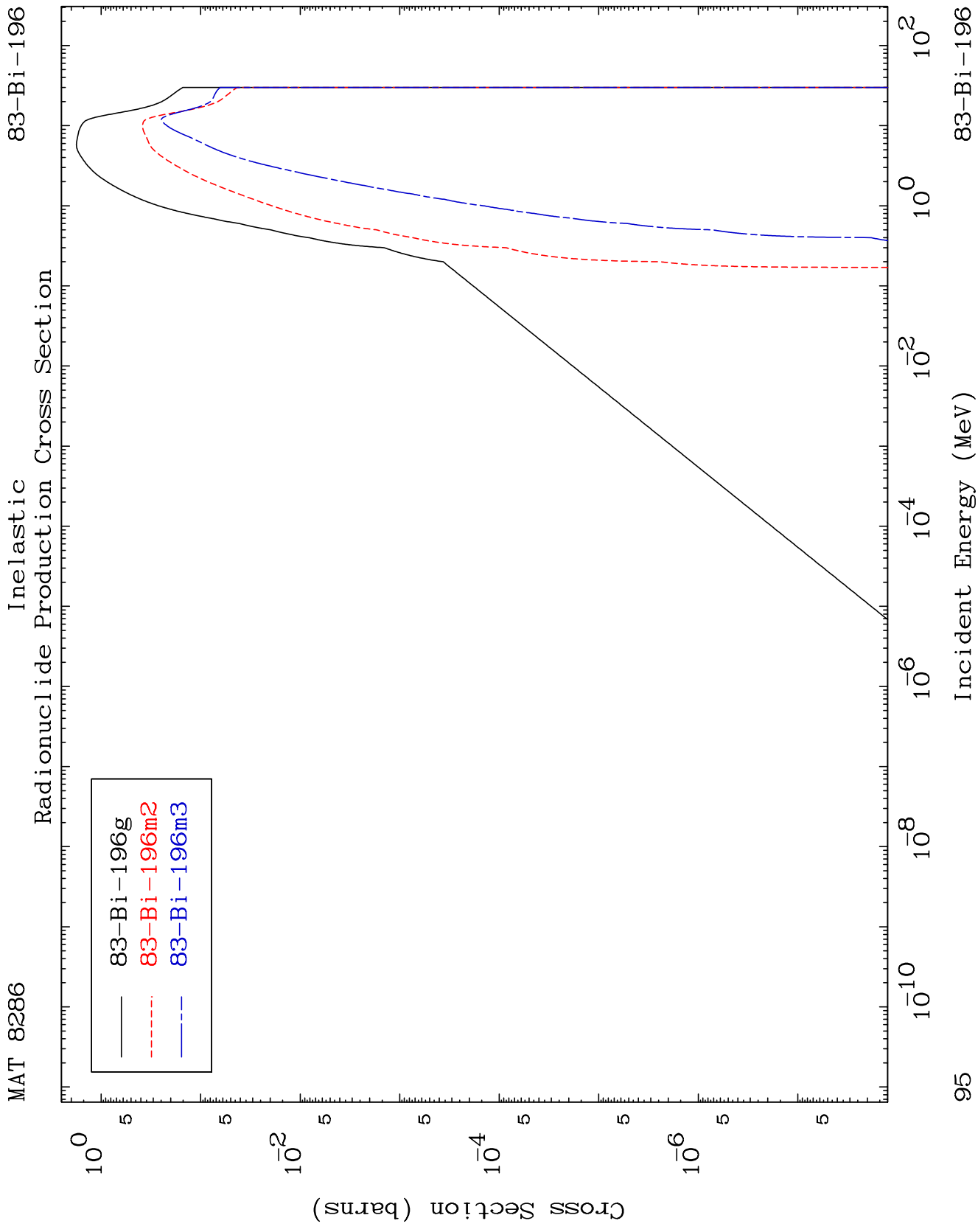
MT= 71 (n, n') Level
Legendre Coefficients

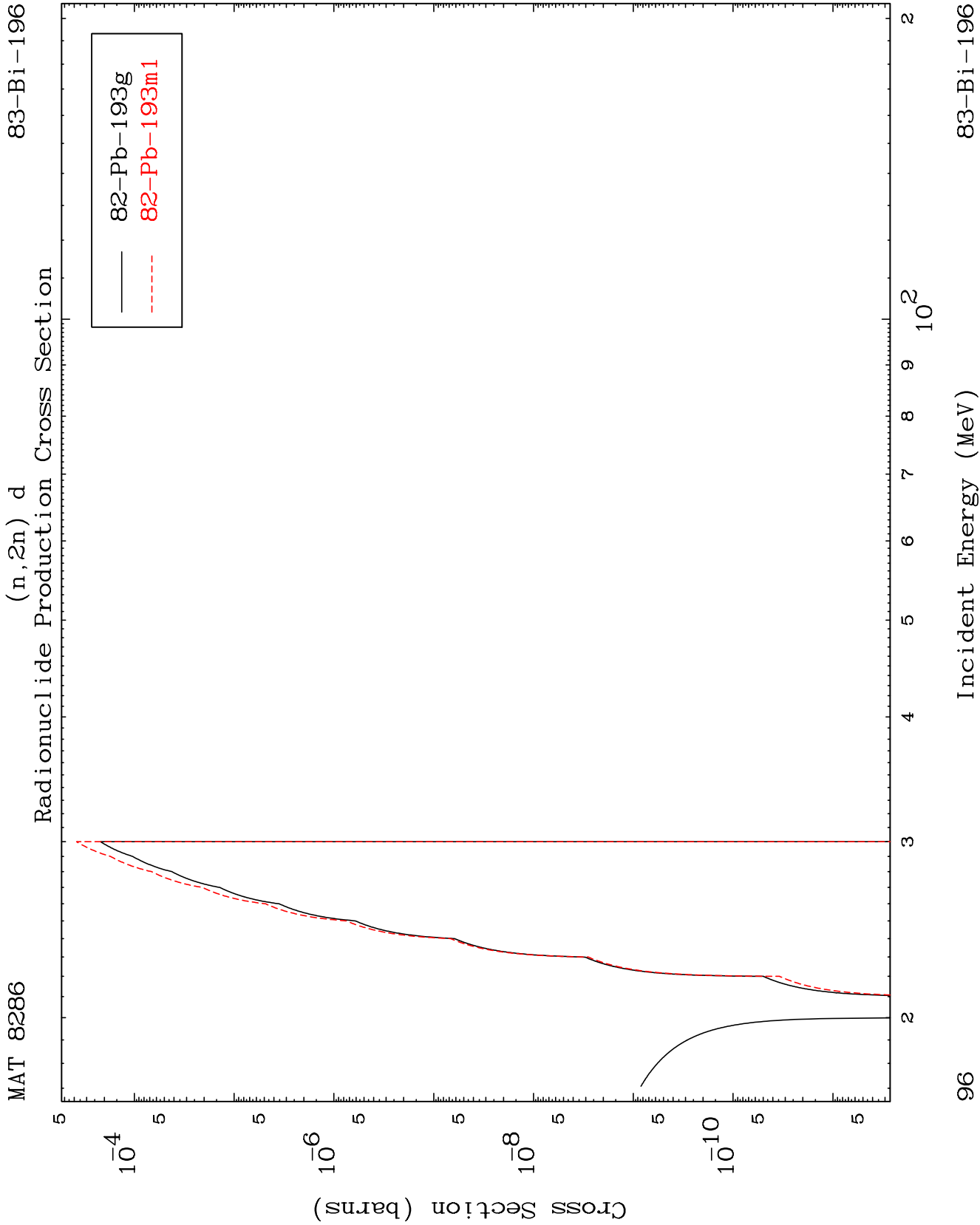
83-Bi-196







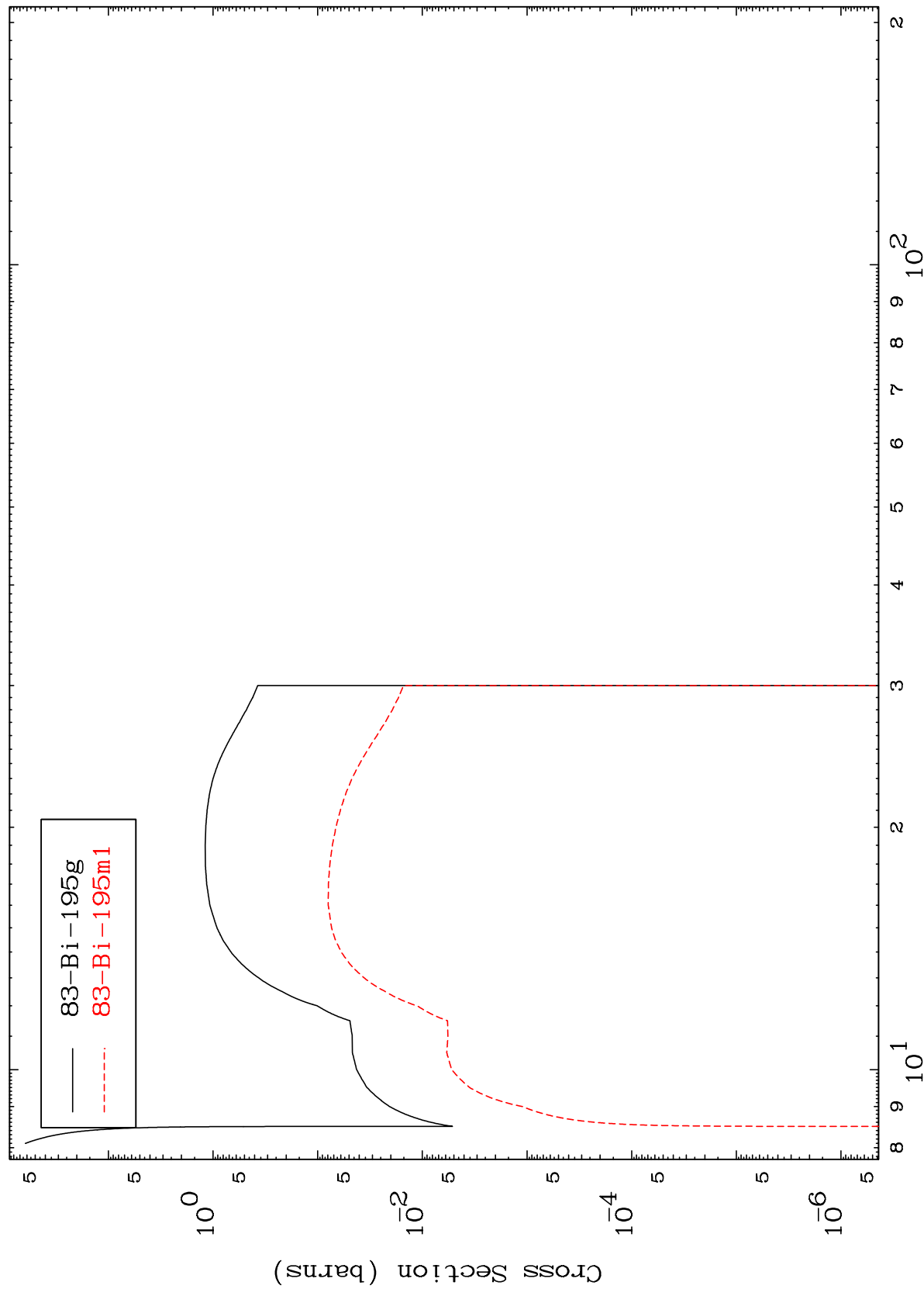




MAT 8286

83-Bi-196

Radionuclide Production Cross Section
(n,2n)

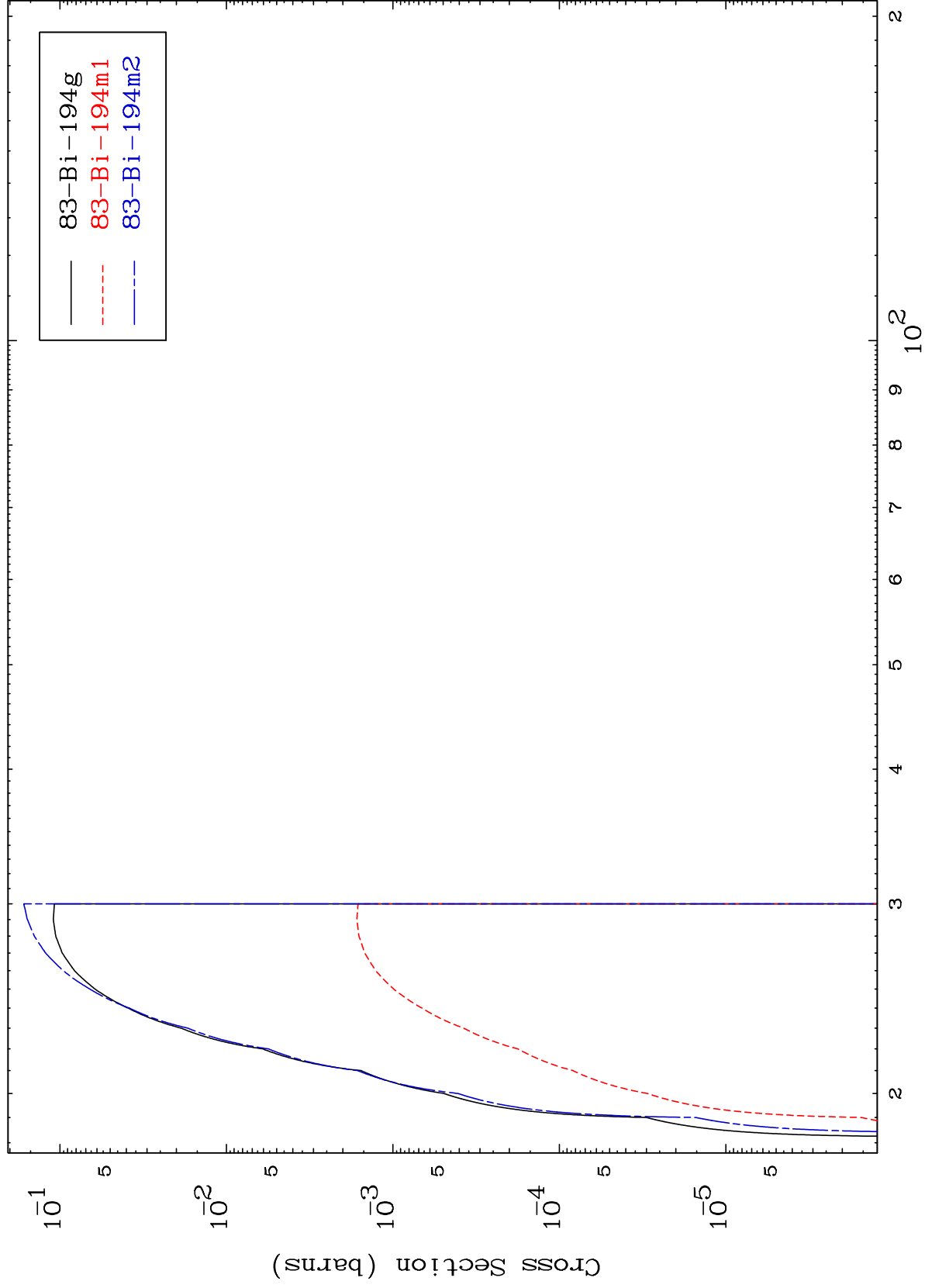


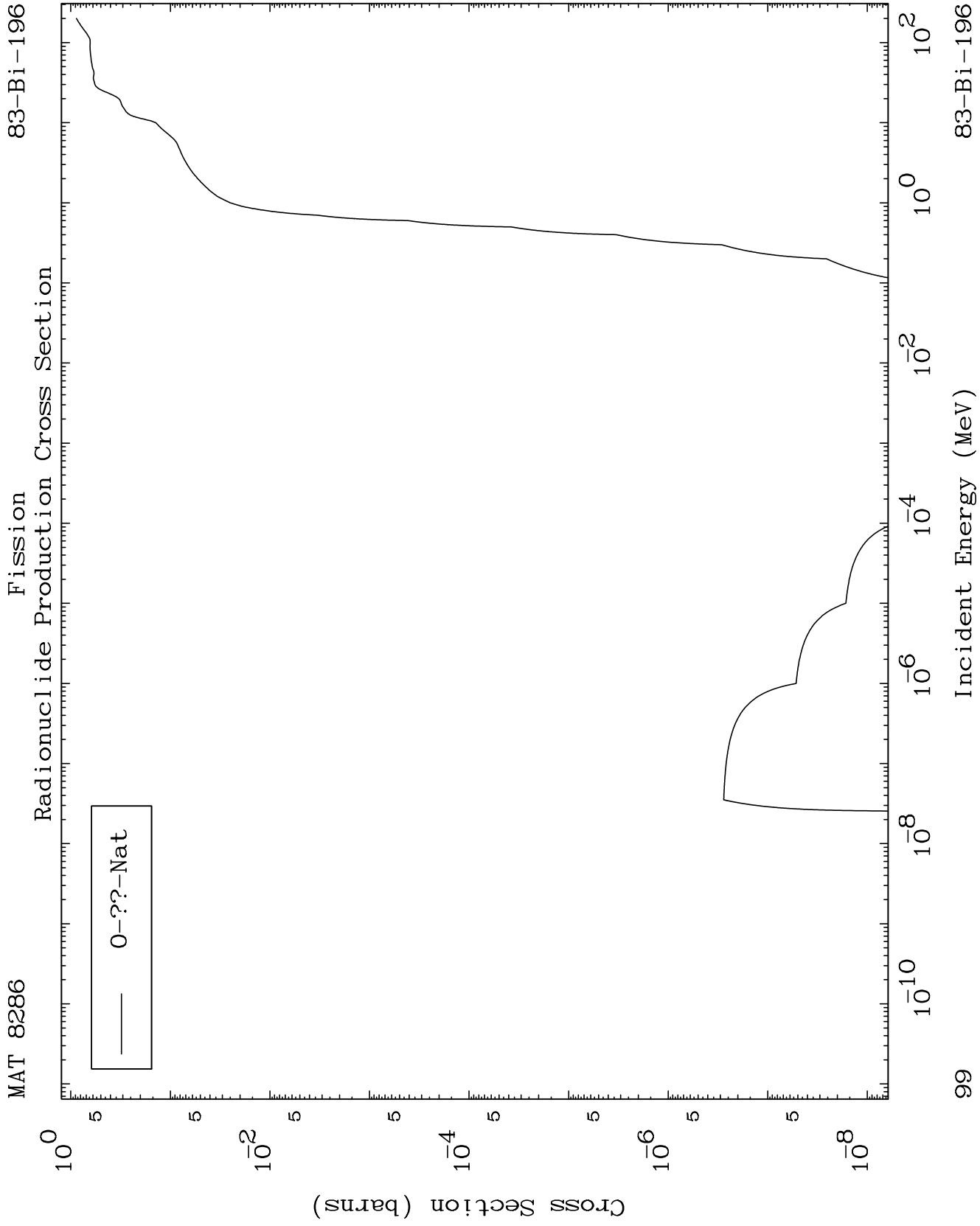
97

Incident Energy (MeV)

83-Bi-196

(n,3n)
Radionuclide Production Cross Section



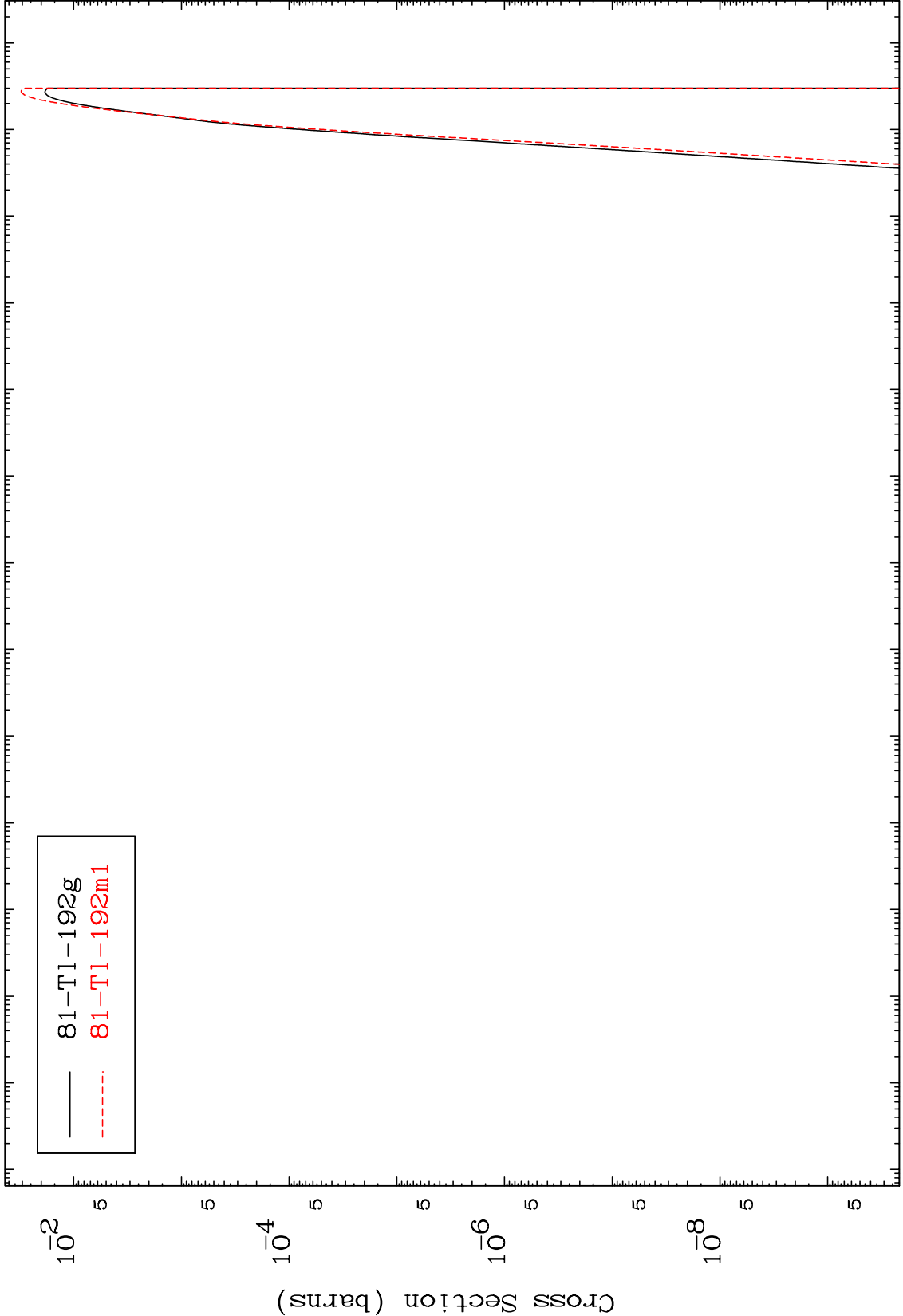


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$(n,n') \alpha$

83-Bi-196

Radionuclide Production Cross Section



100

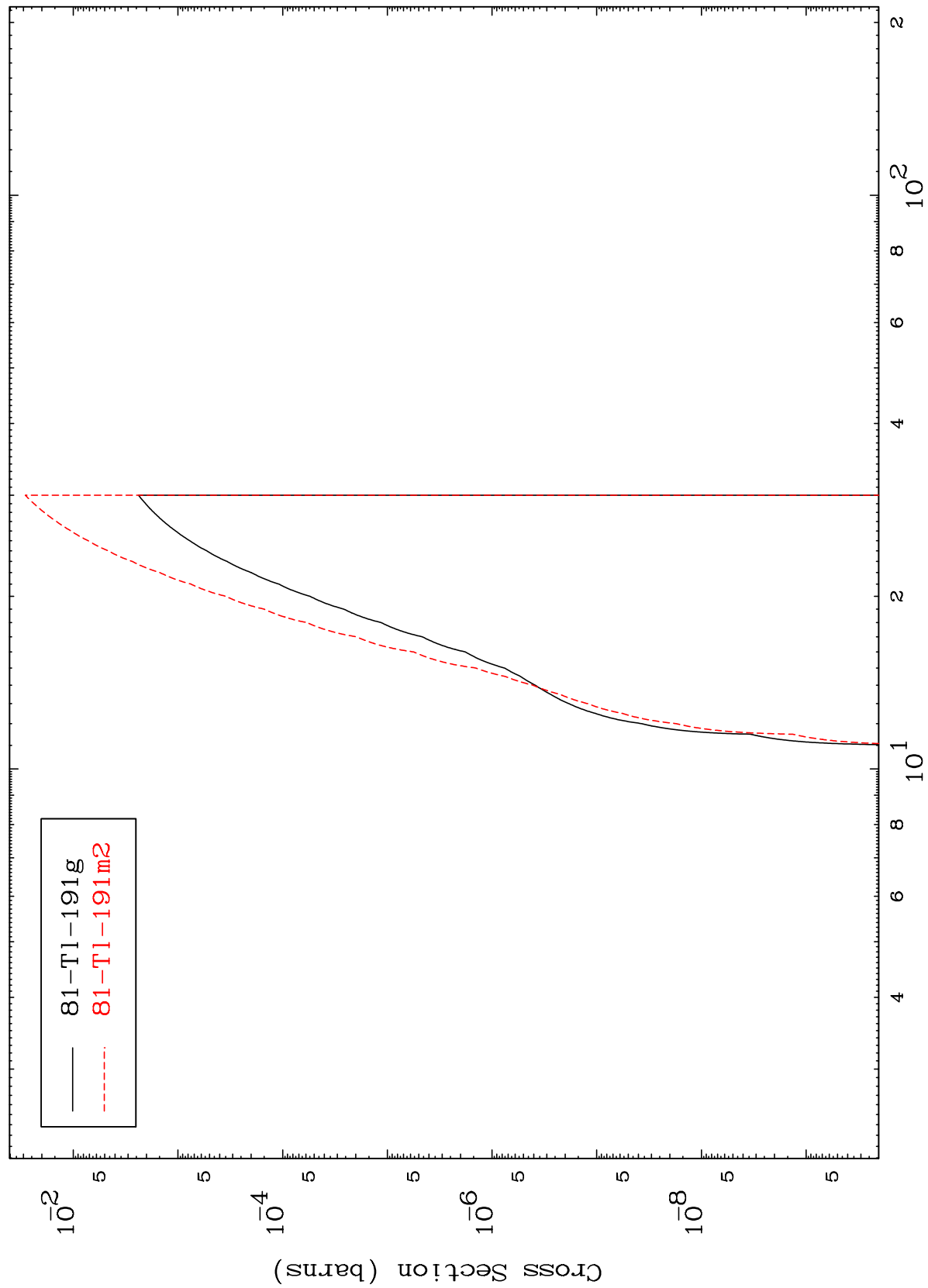
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

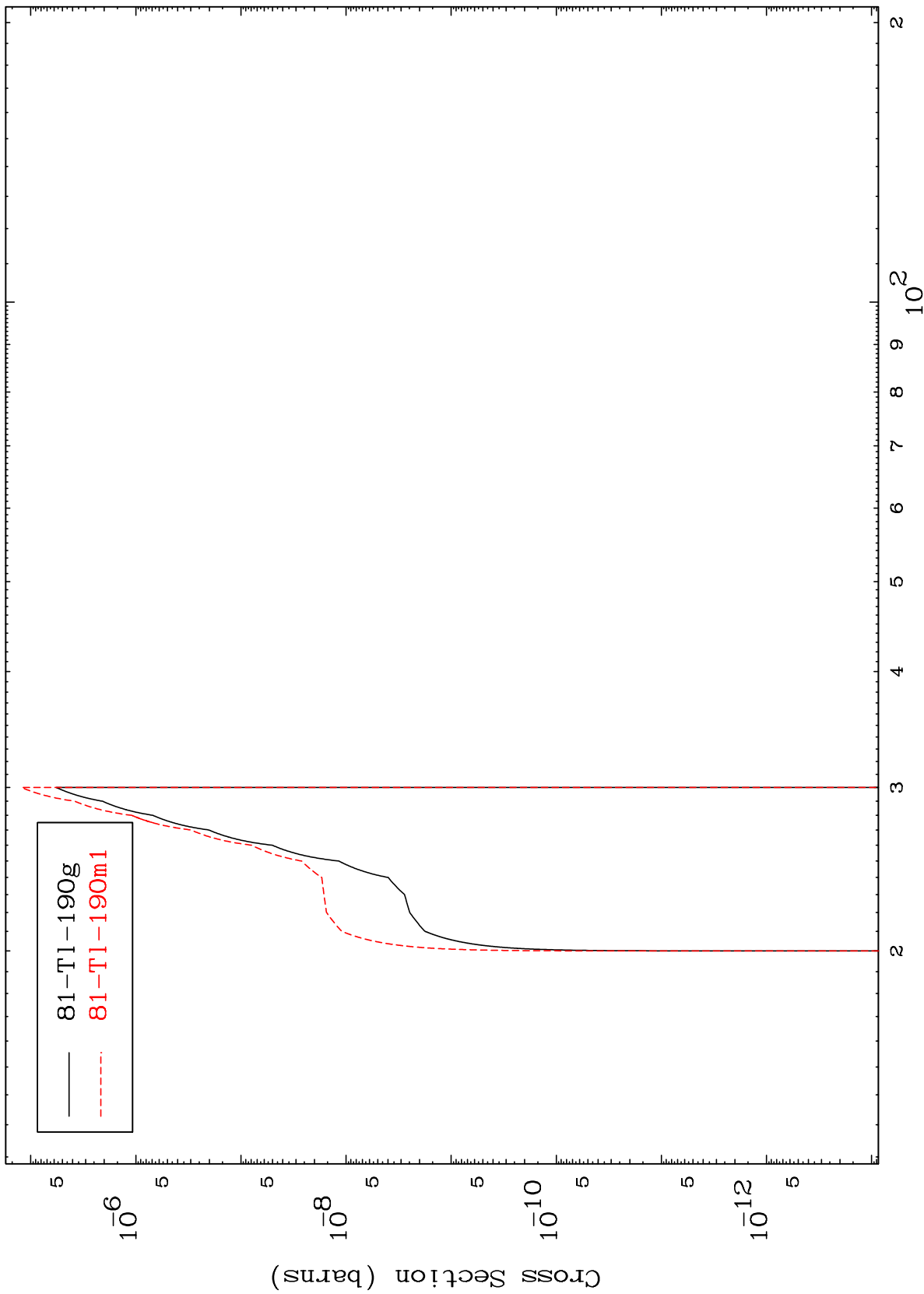
Radionuclide Production Cross Section
(n,2n) α



101

83-Bi-196

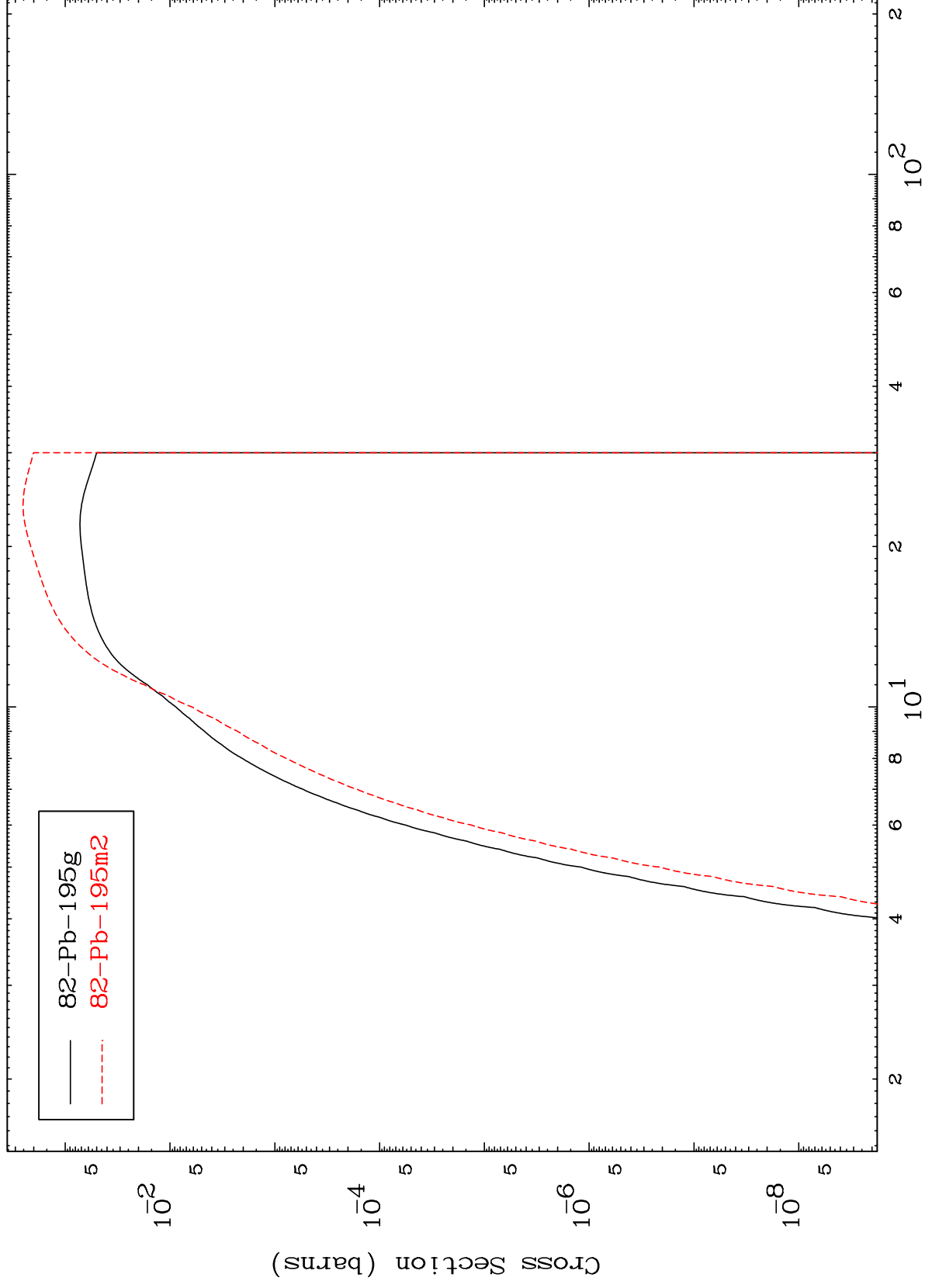
Radionuclide Production Cross Section
(n,3n) α



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83-Bi-196

(n,n') p
Radionuclide Production Cross Section



103

Incident Energy (MeV)

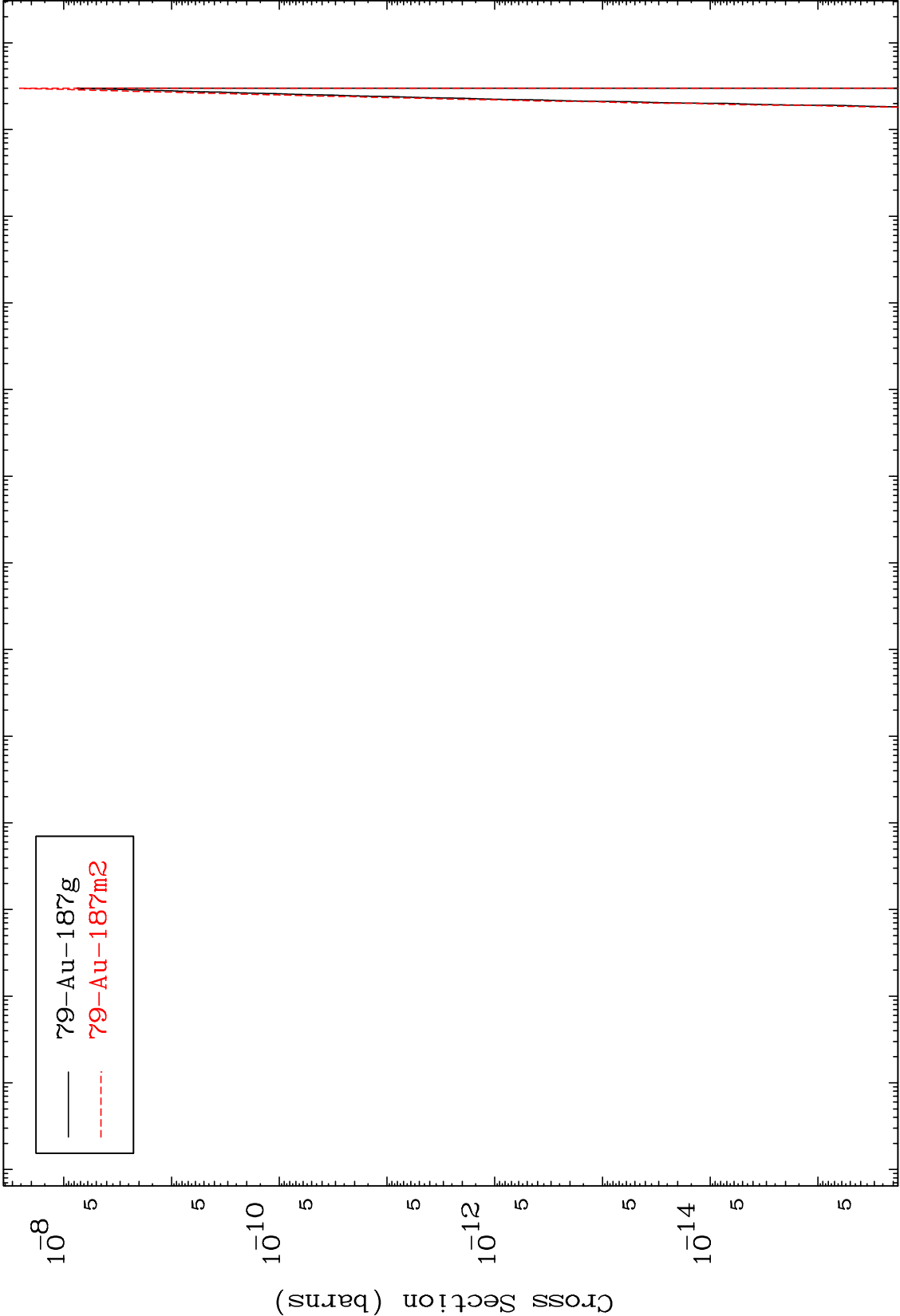
83-Bi-196

MAT 8286

(n,2n) 2 α

83-Bi-196

Radionuclide Production Cross Section

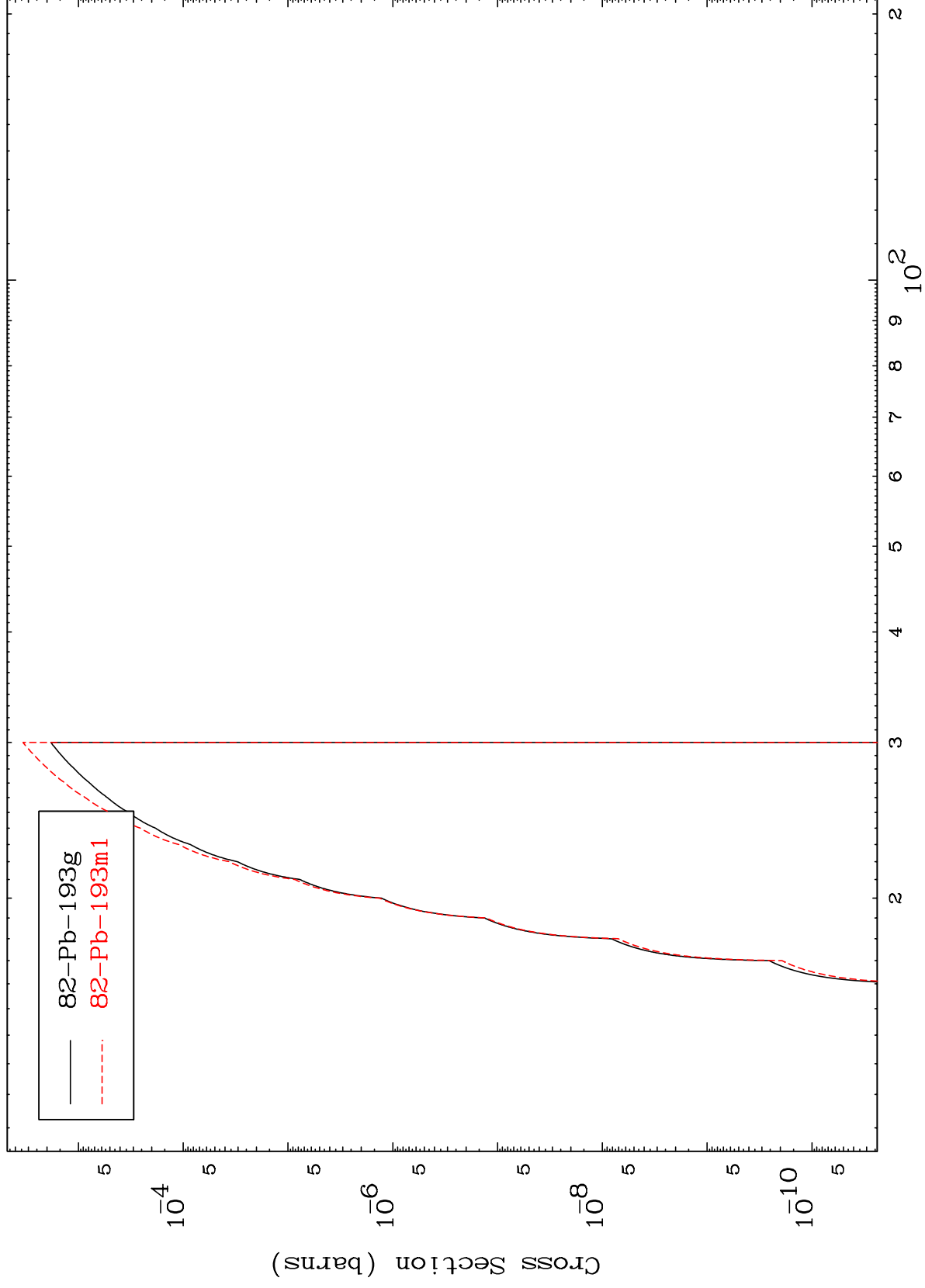


104

Incident Energy (MeV)

83-Bi-196

Radionuclide Production Cross Section
(n,n') t

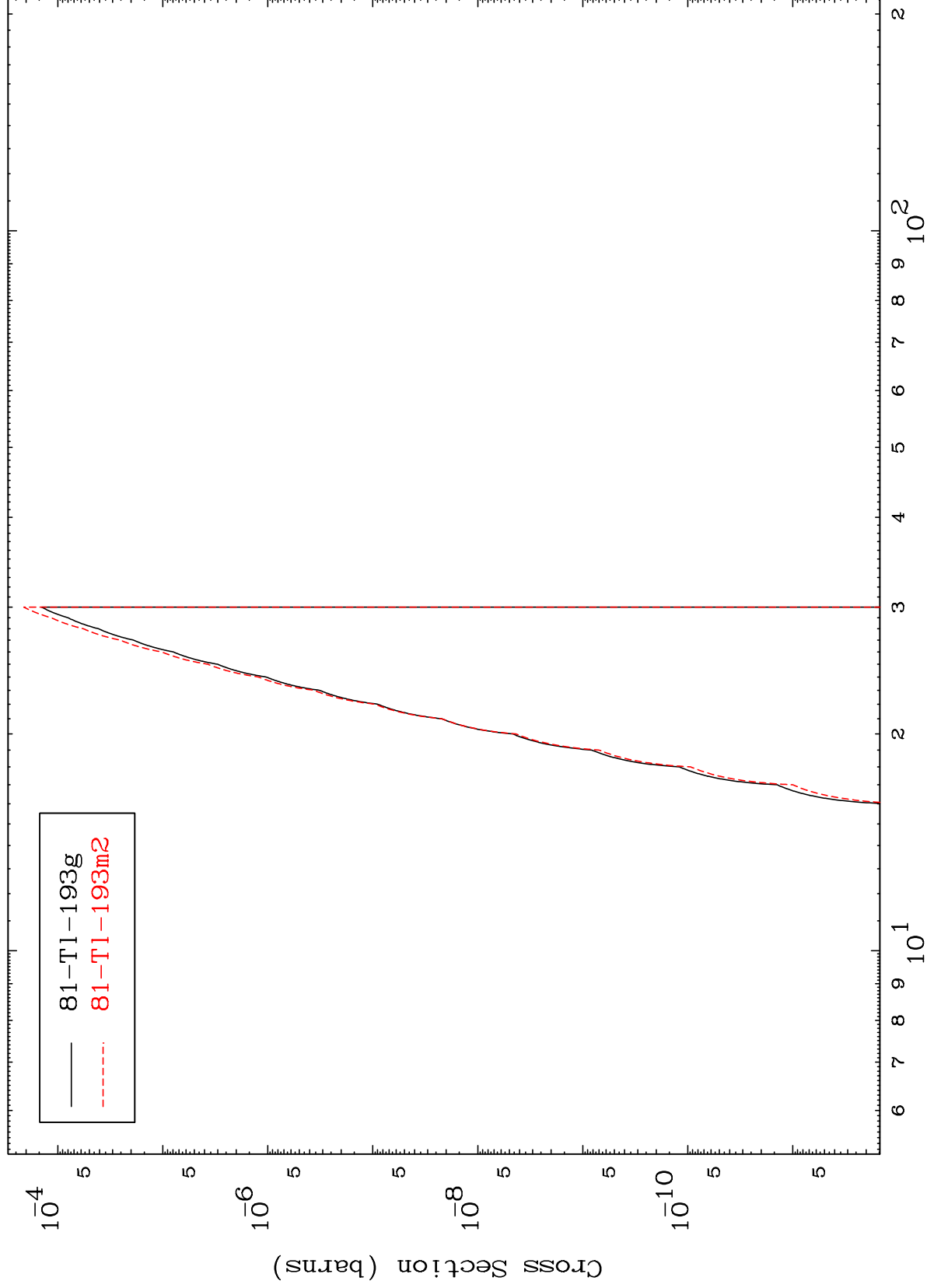


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(n,n') He-3

83-Bi-196

Radionuclide Production Cross Section



106

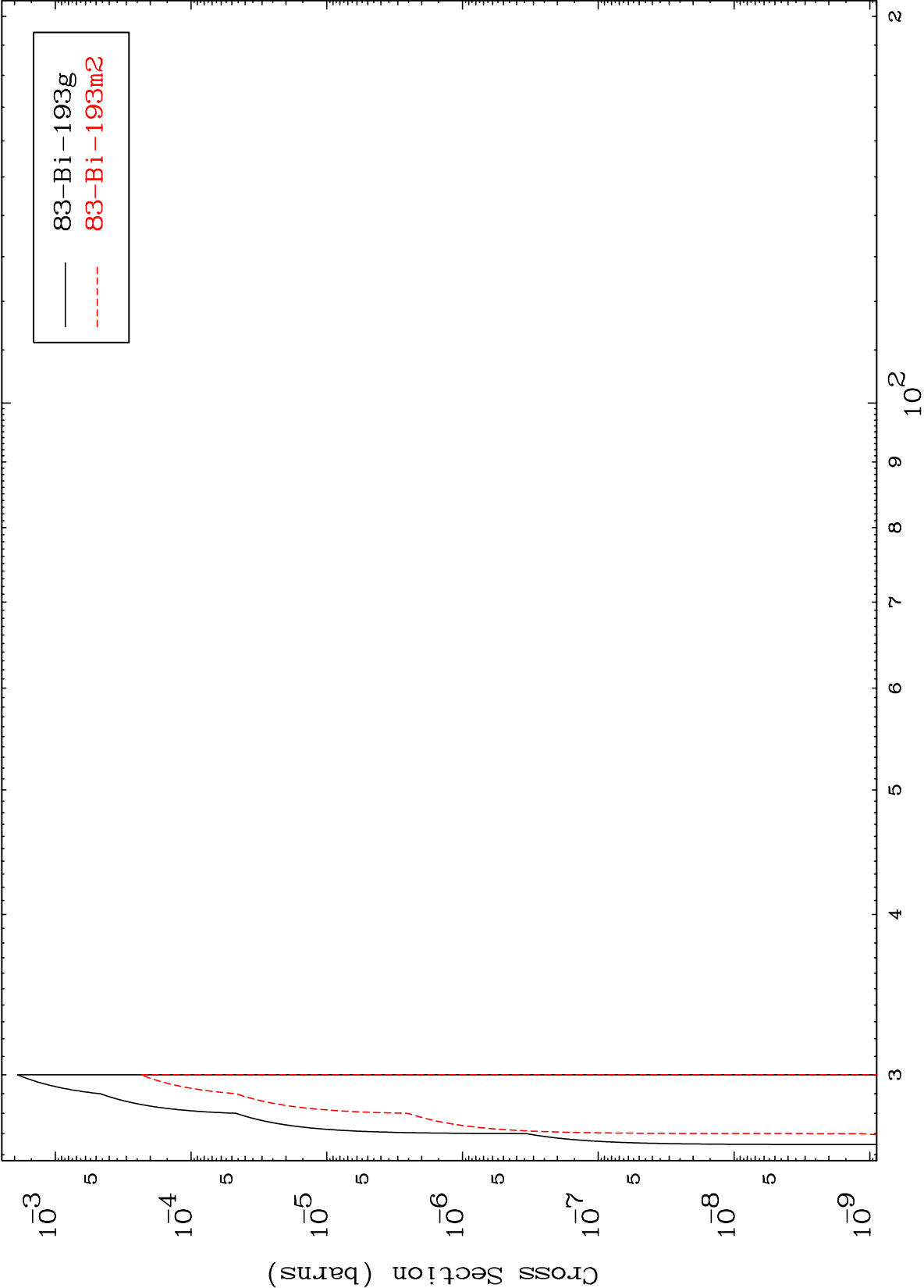
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

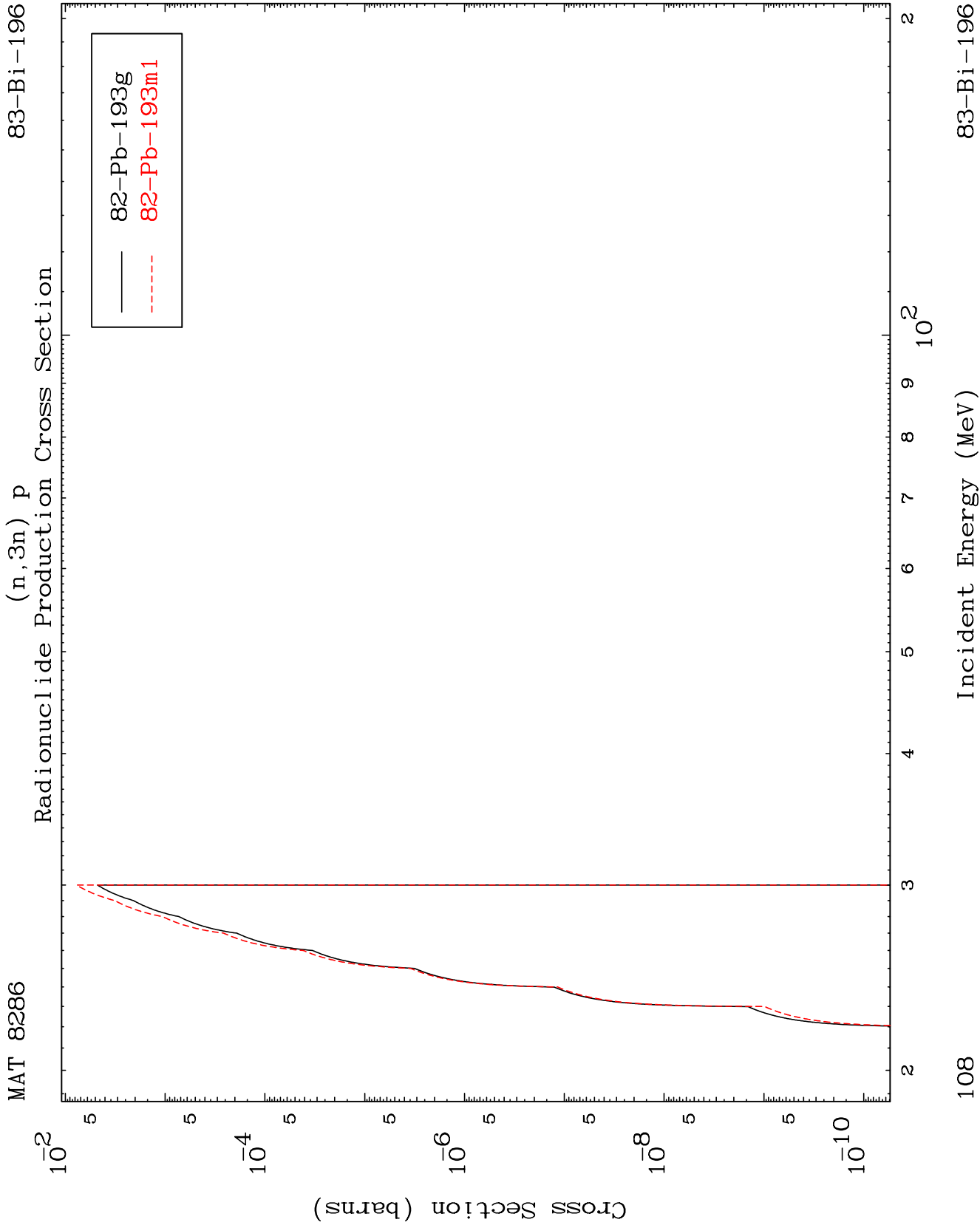
(n,4n)
Radionuclide Production Cross Section

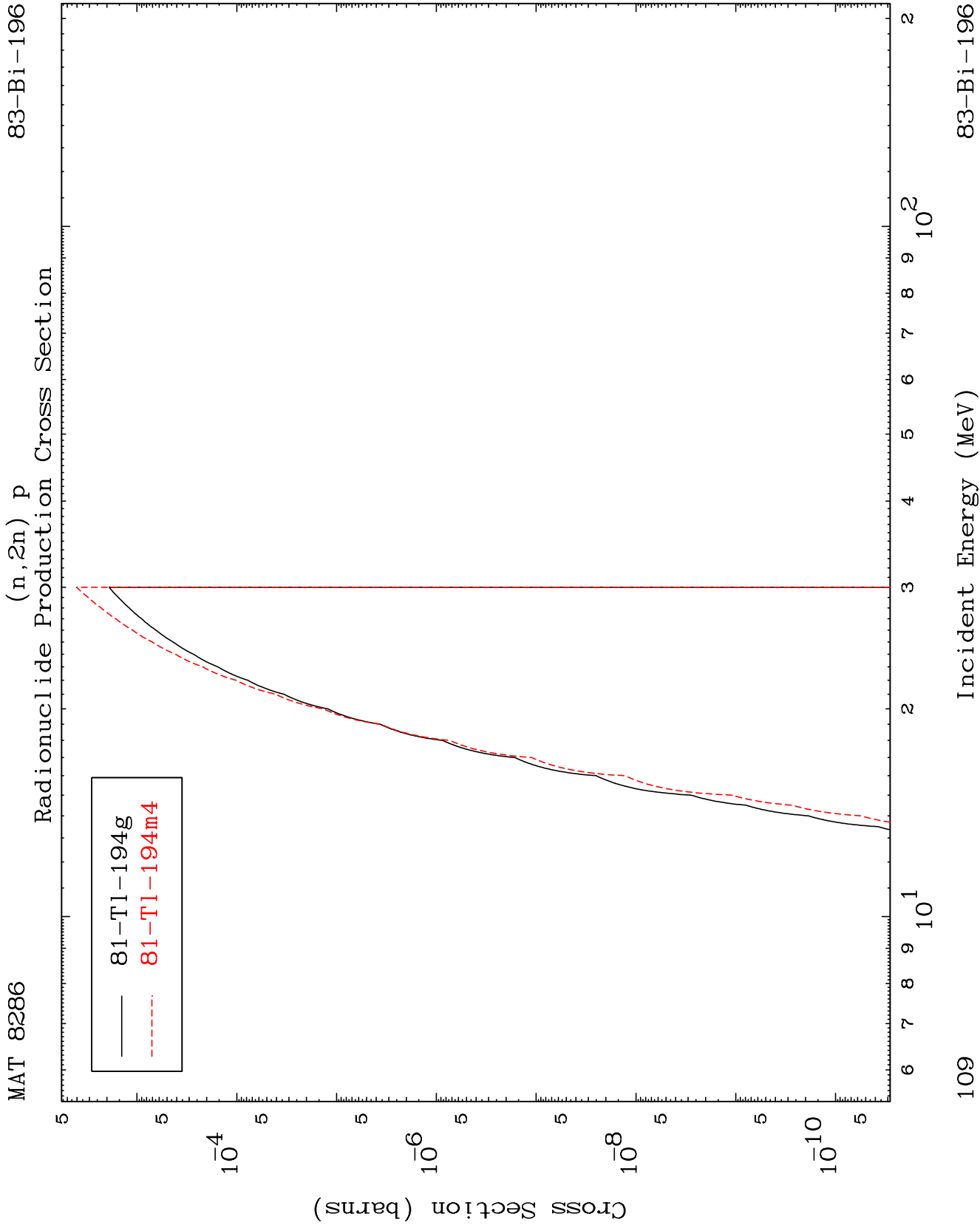


107

Incident Energy (MeV)

83-Bi-196

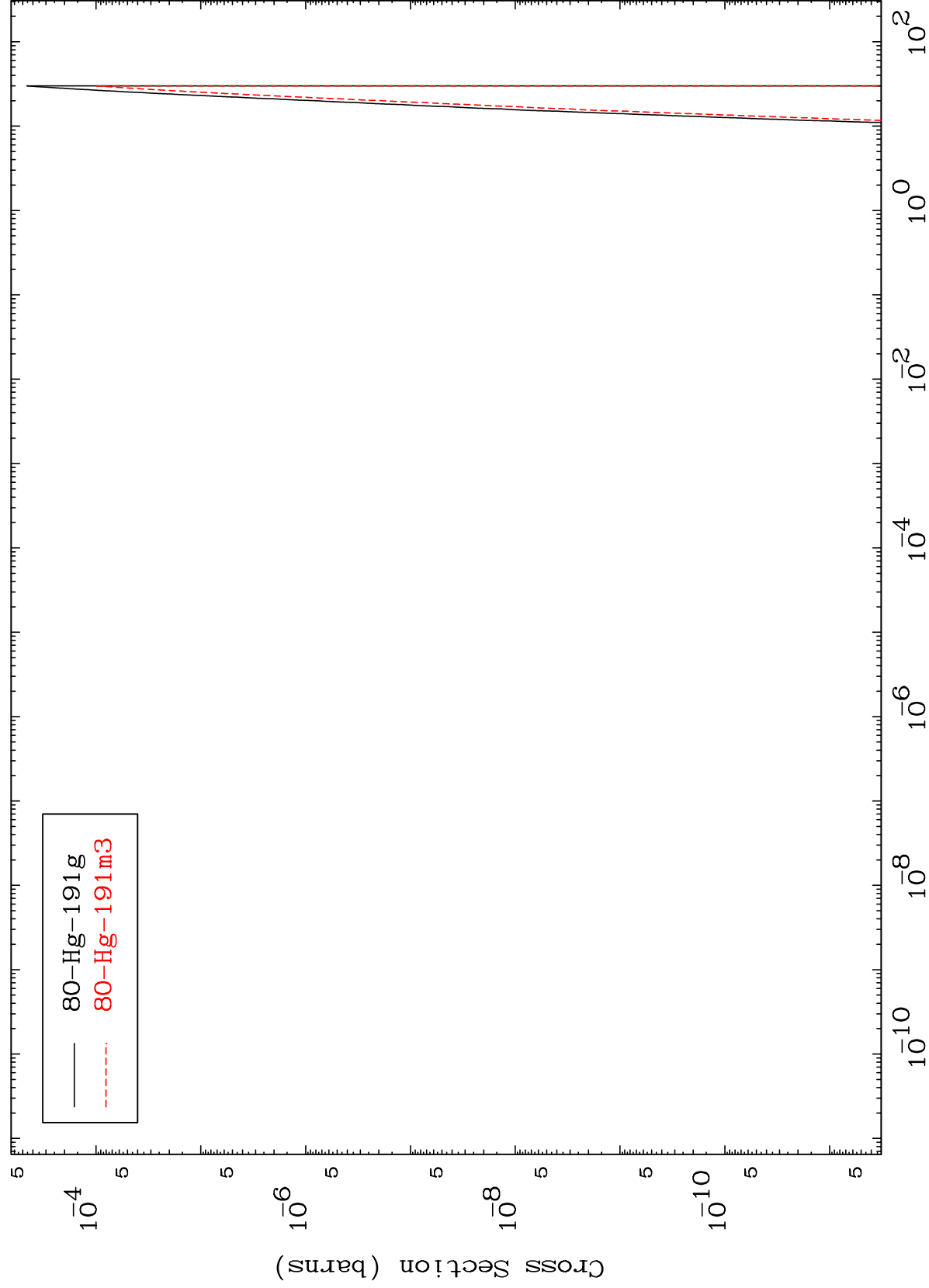




MAT 8286

83-Bi-196

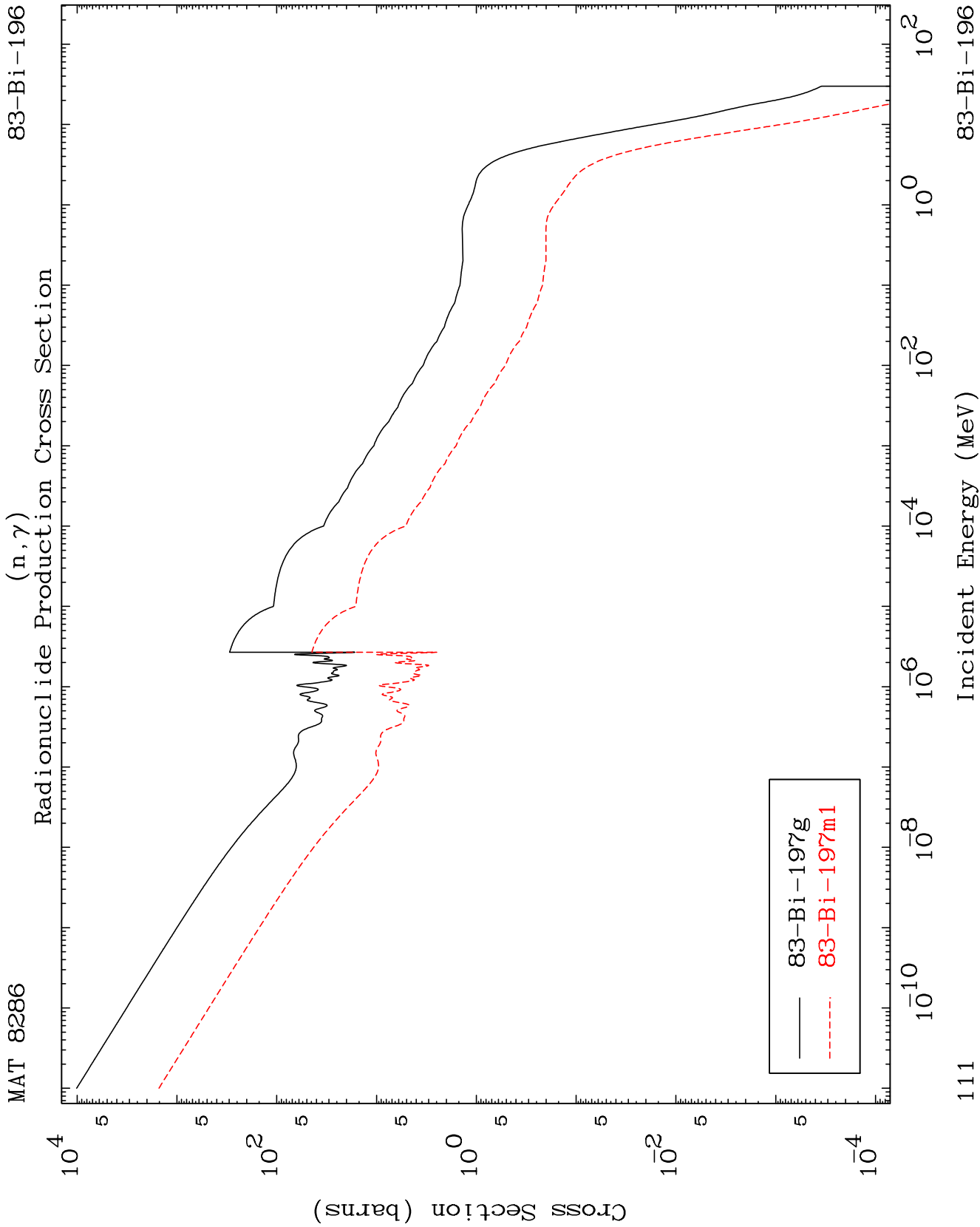
(n,n') p α
Radionuclide Production Cross Section



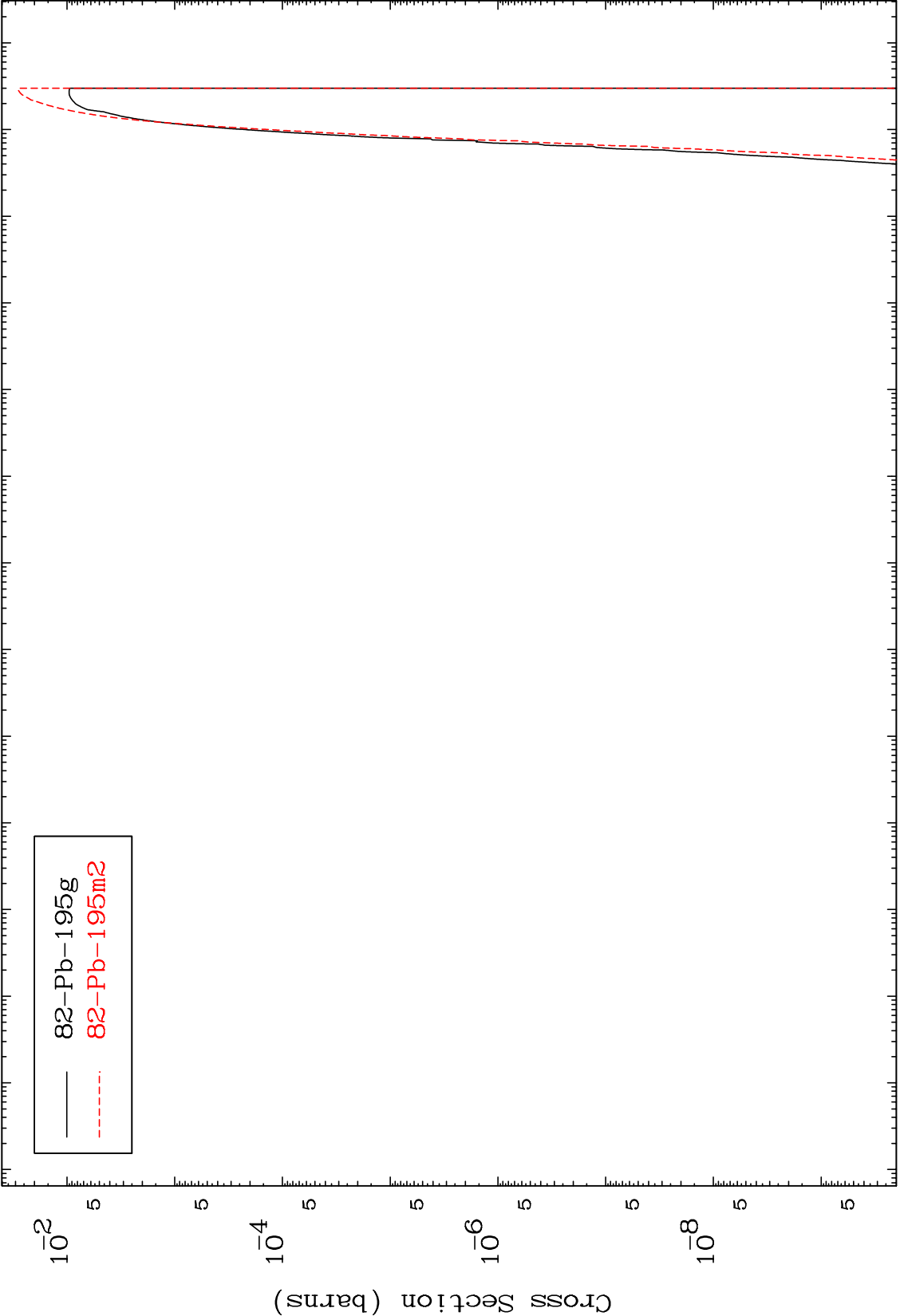
110

Incident Energy (MeV)

83-Bi-196



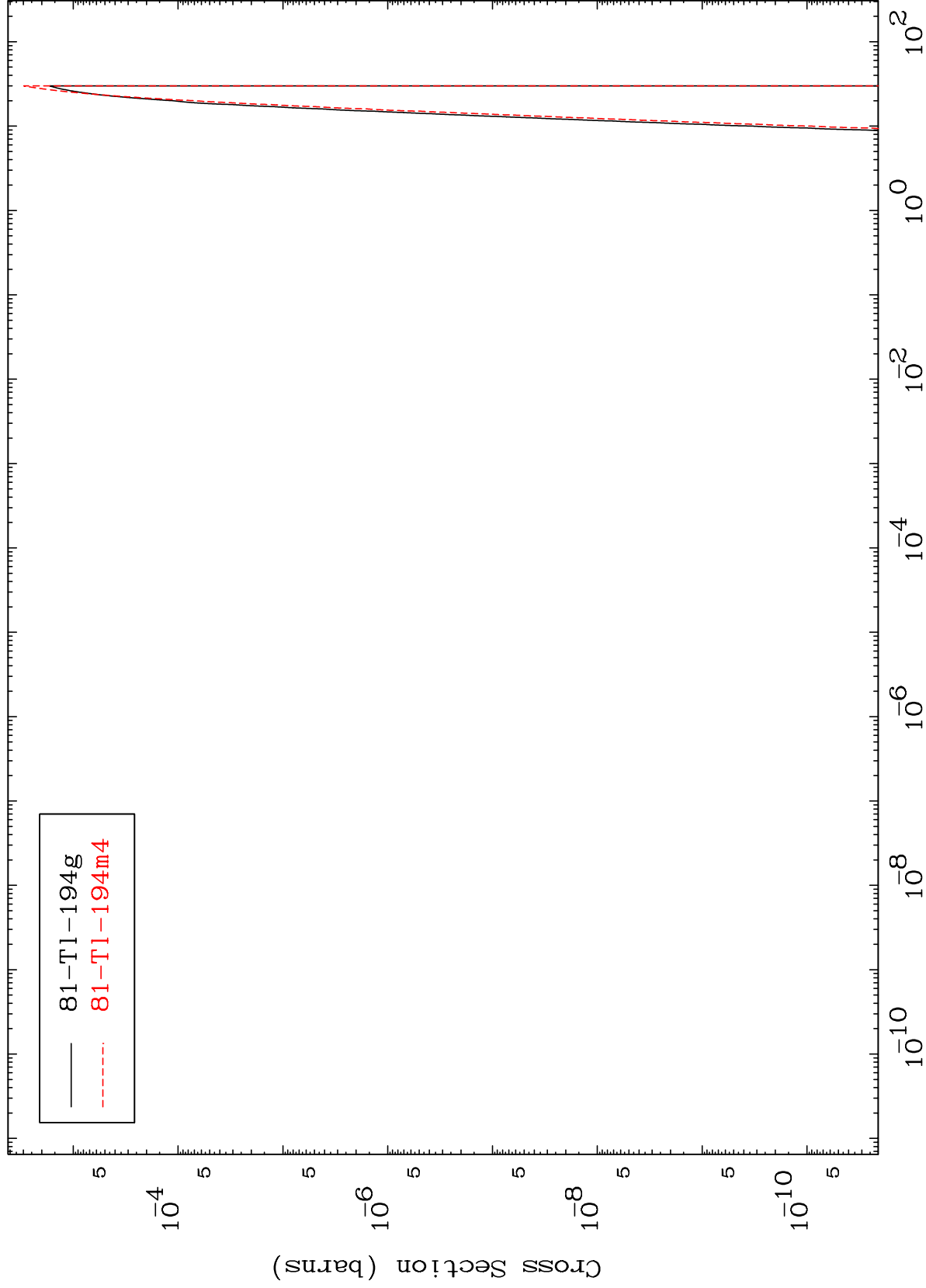
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

Radionuclide Production Cross Section



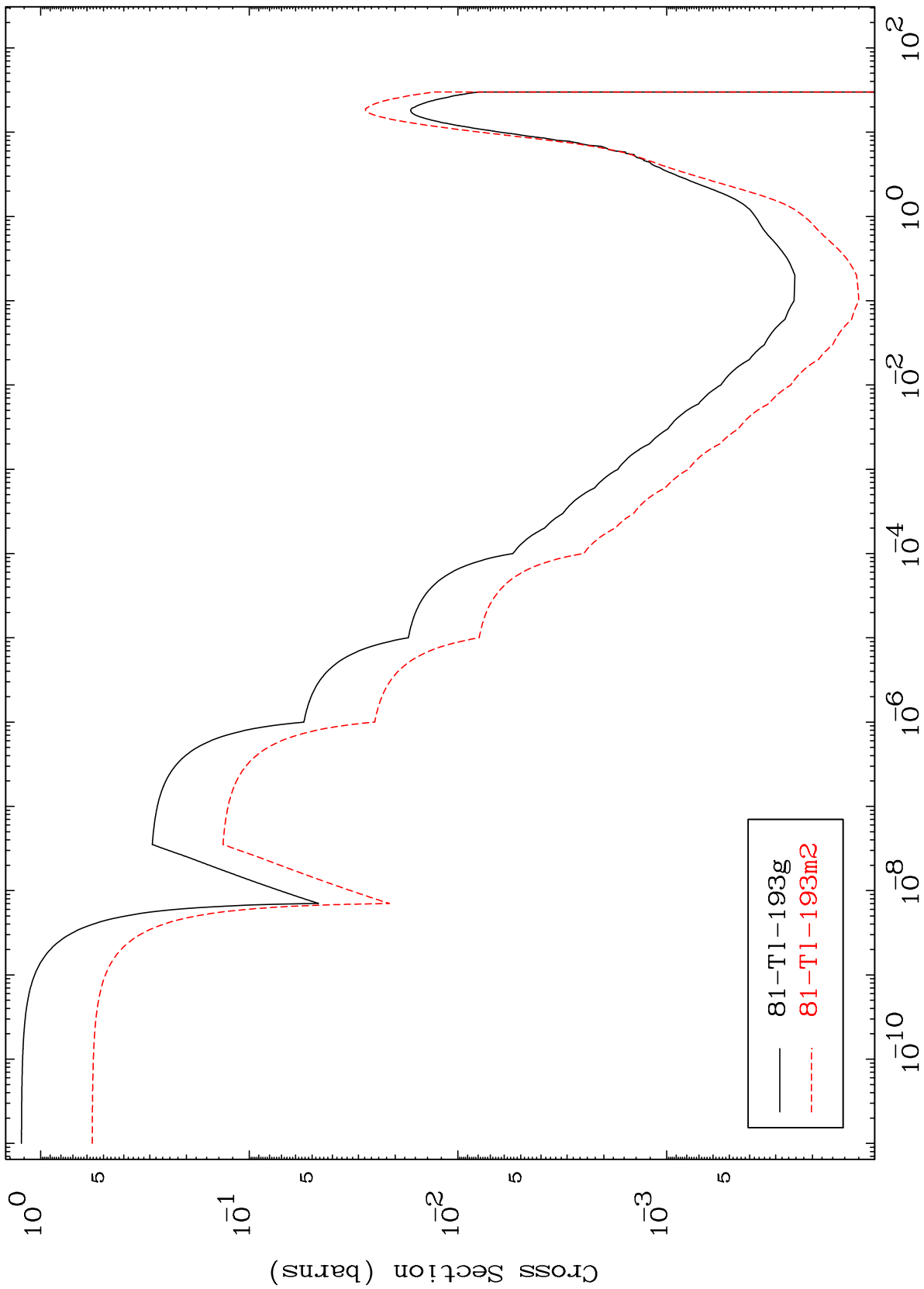
113

83-Bi-196

MAT 8286

83-Bi-196

Radionuclide Production Cross Section
(n, α)



83-Bi-196

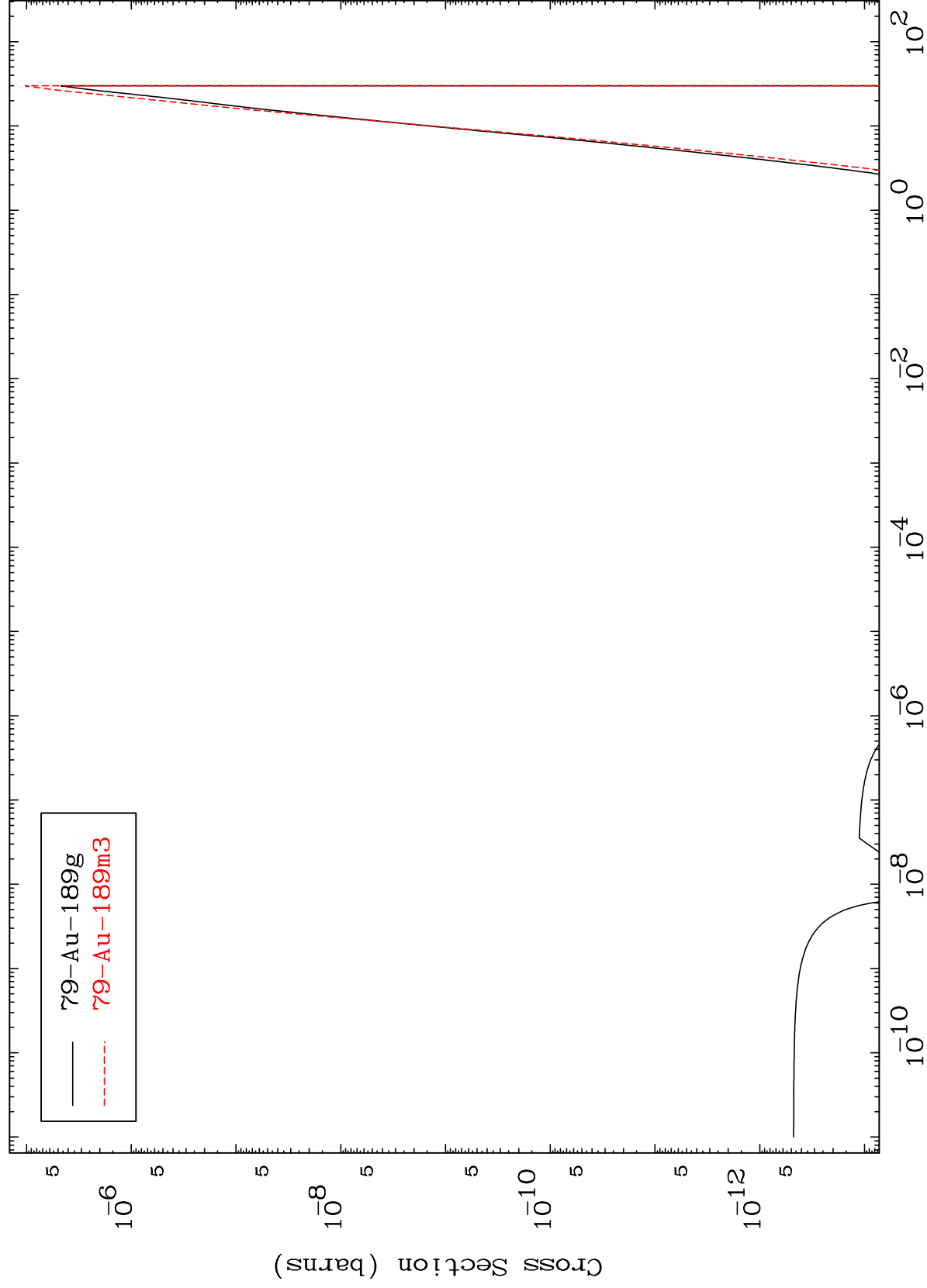
Incident Energy (MeV)

114

MAT 8286

83-Bi-196

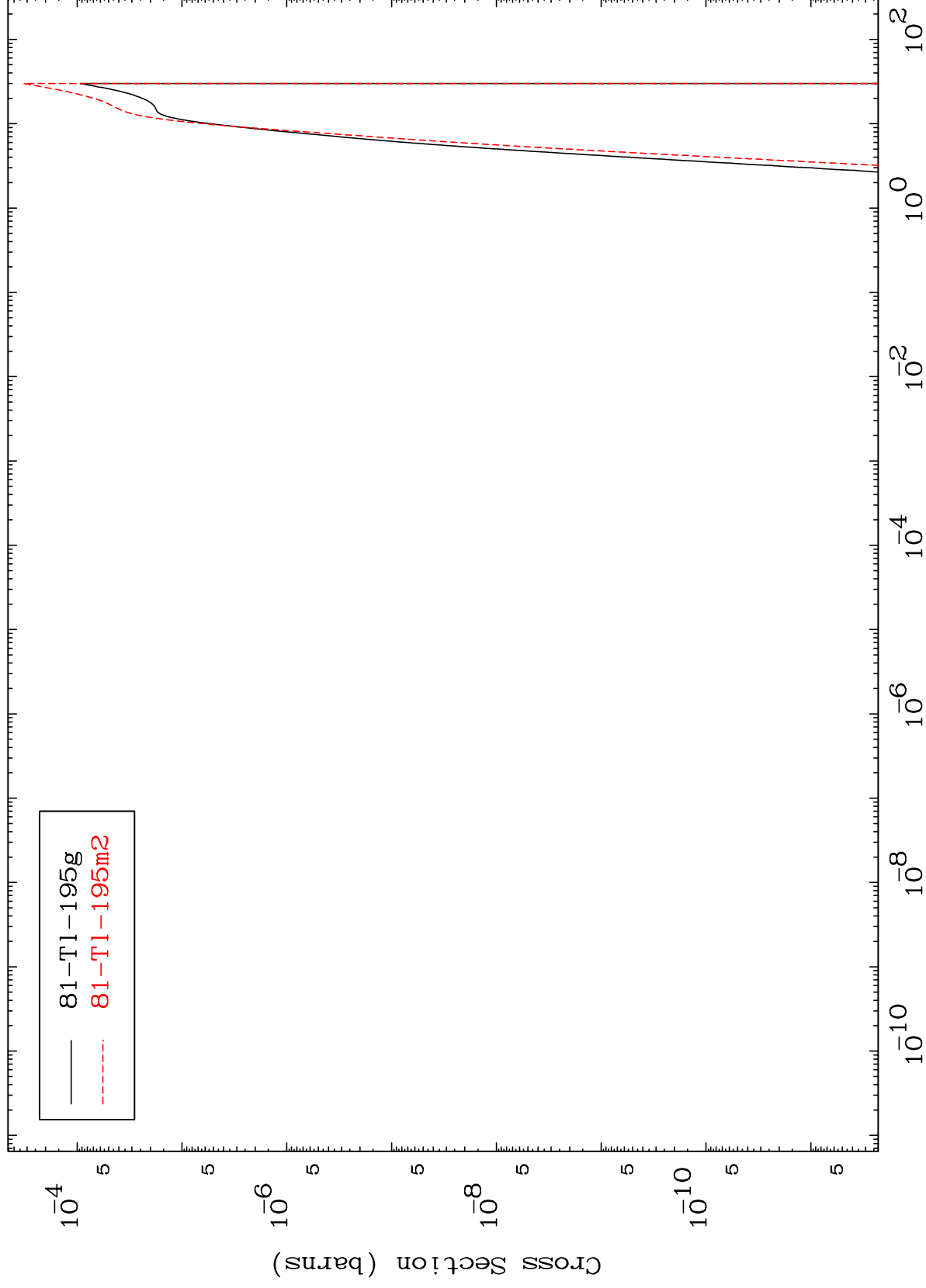
Radionuclide Production Cross Section
(n,2 α)



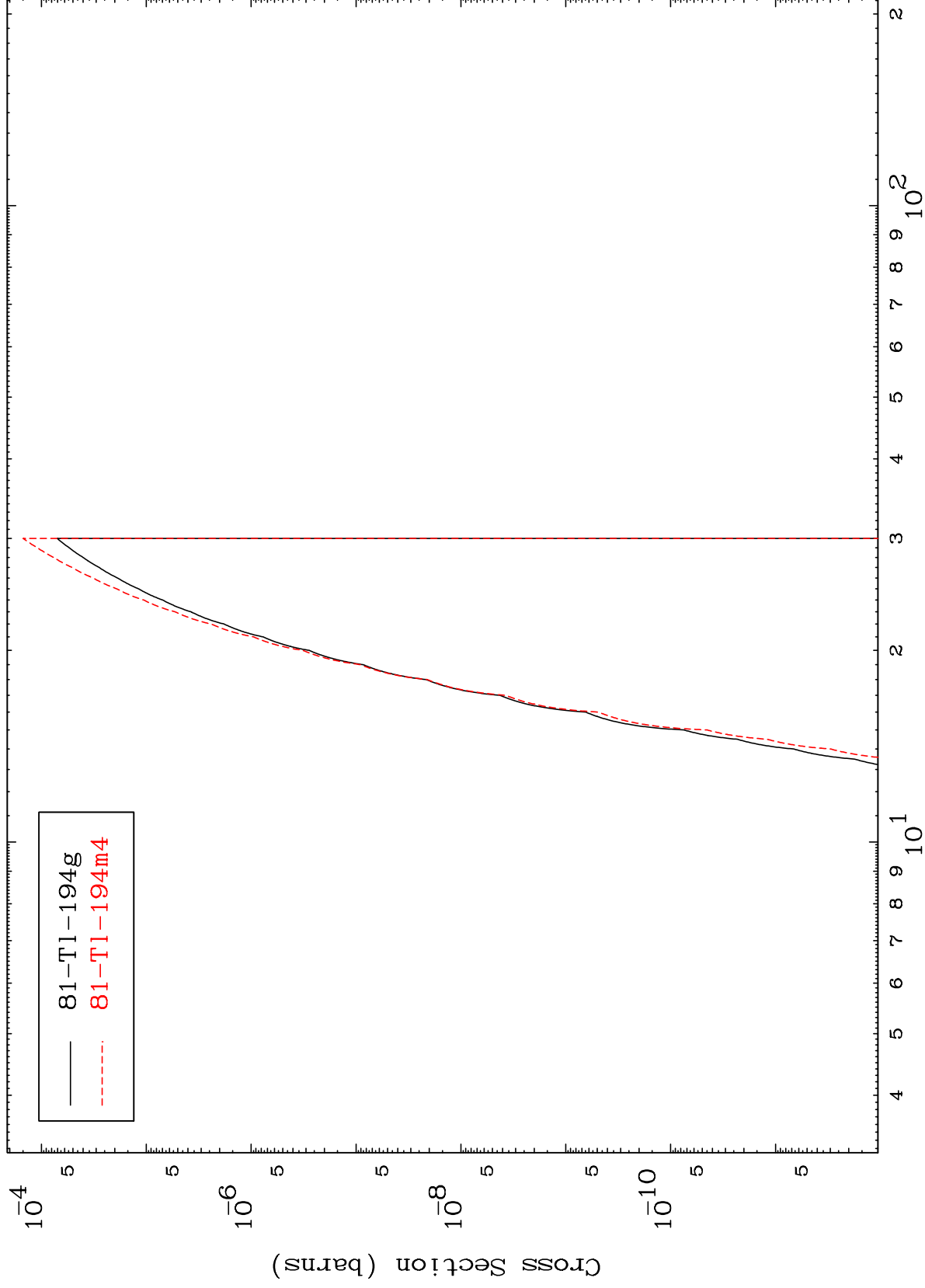
115

Incident Energy (MeV)

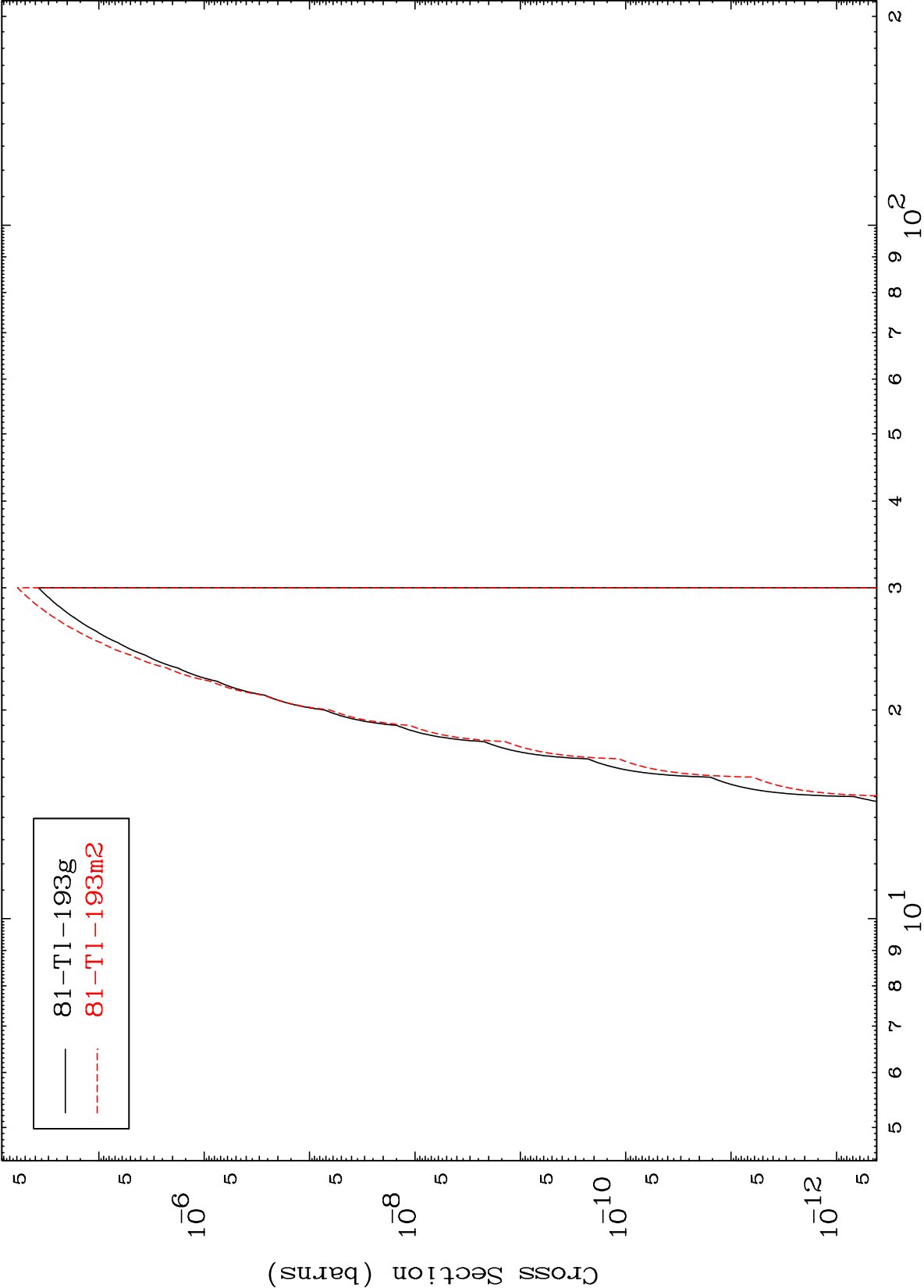
83-Bi-196

(n,2p)
Radionuclide Production Cross Section

(n,p) d
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,d) α
Radionuclide Production Cross Section

