

Program EVALPLOT
(Version 2021-1)

by

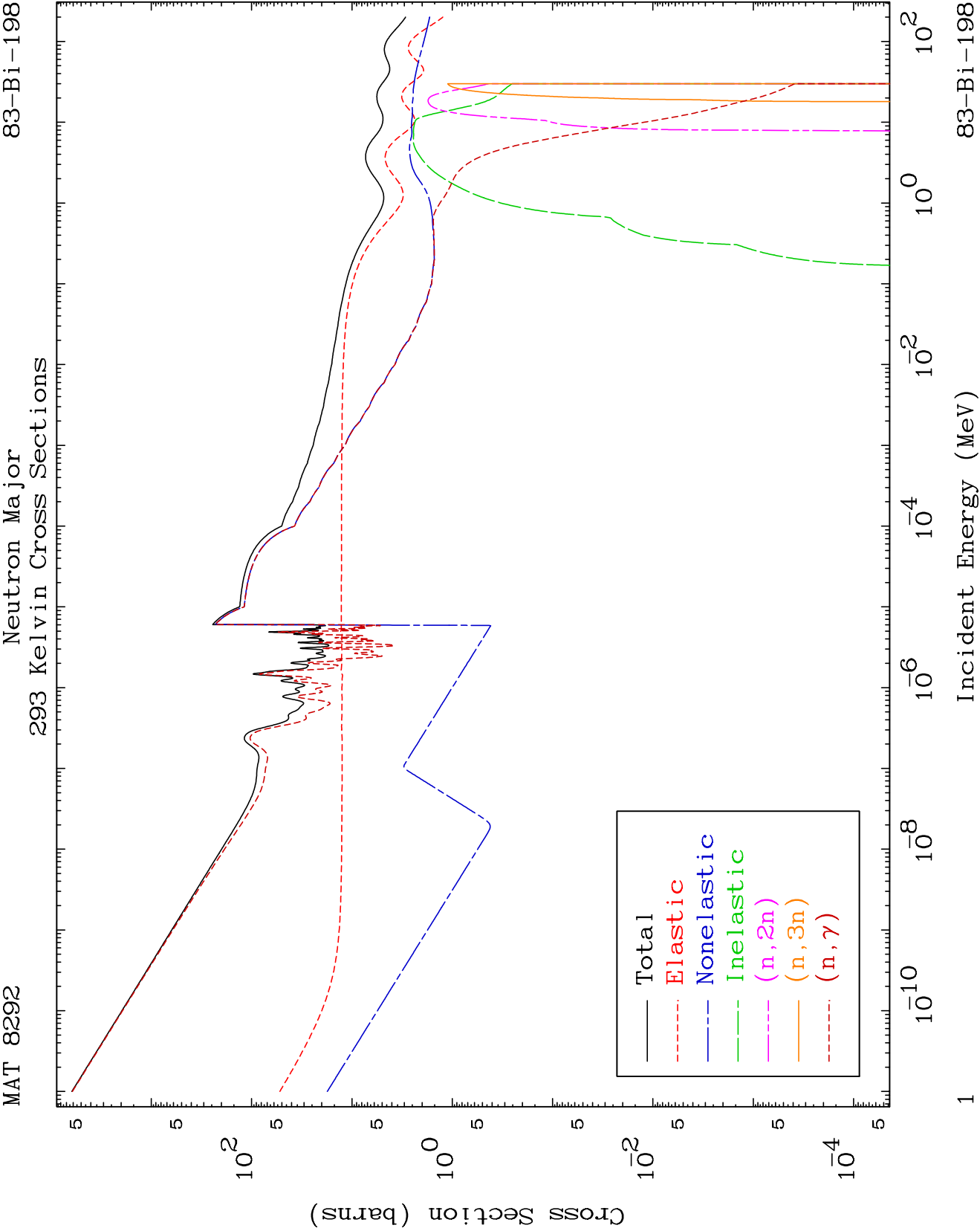
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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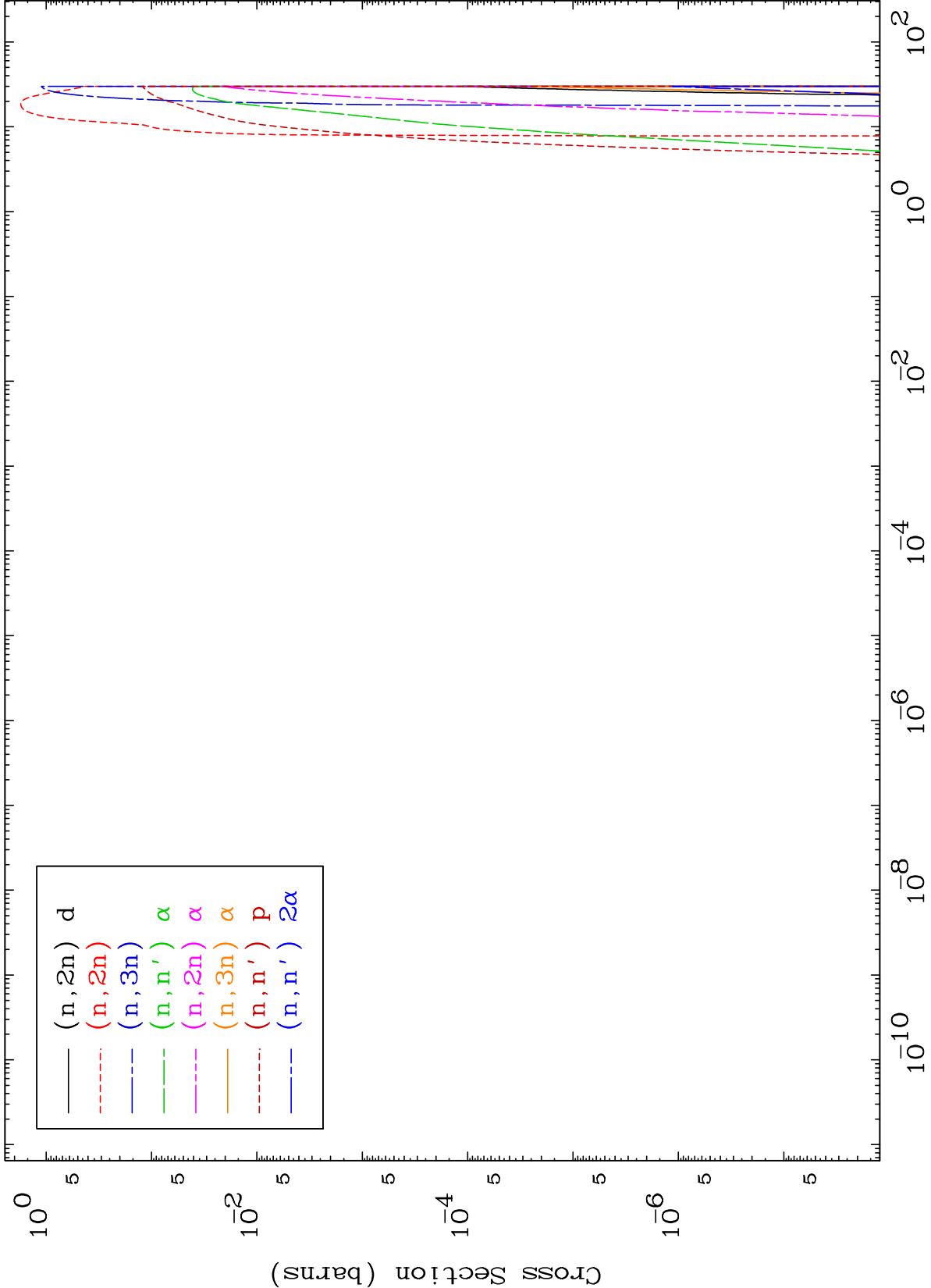
Press Mouse Button to Start

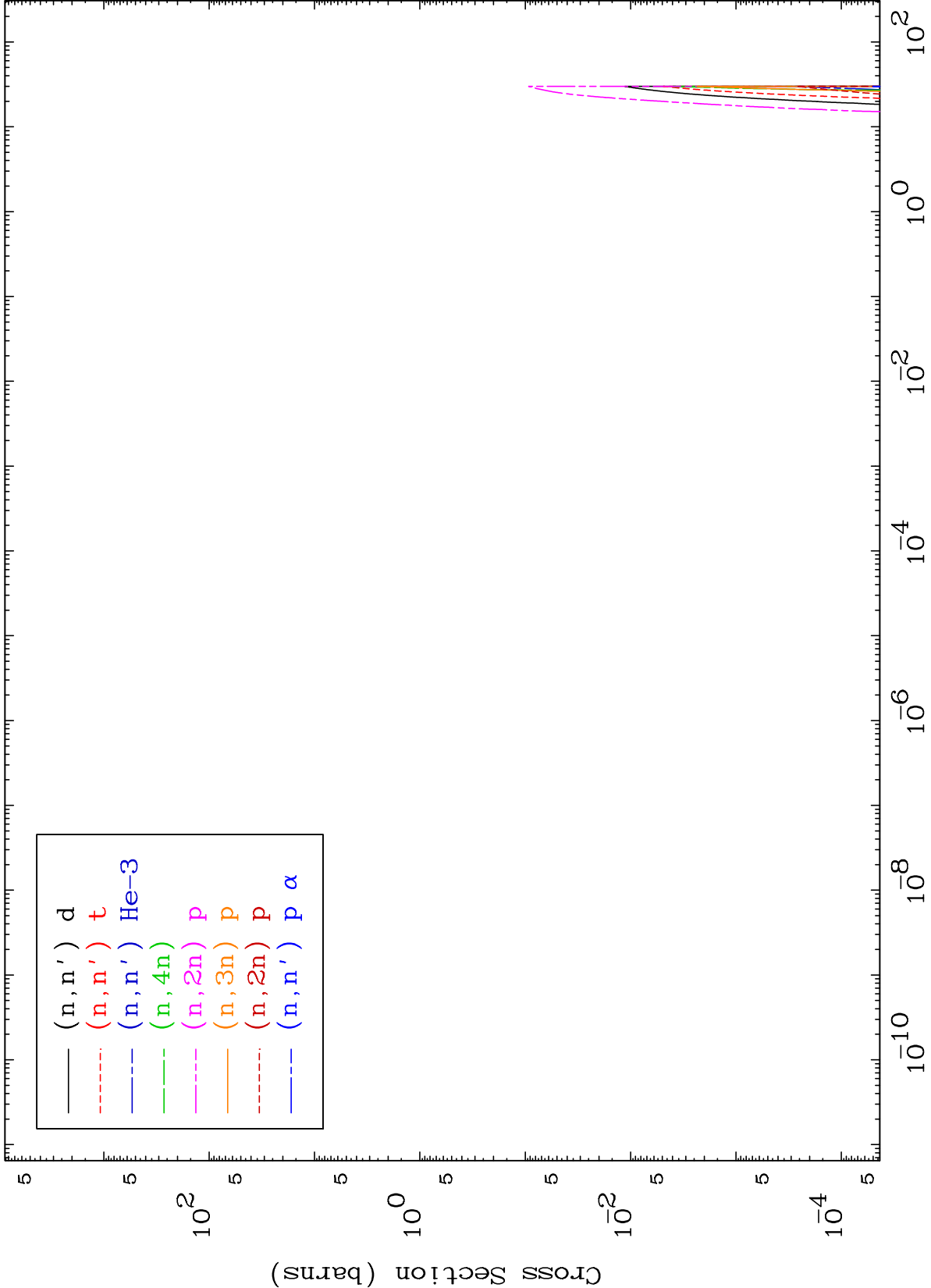


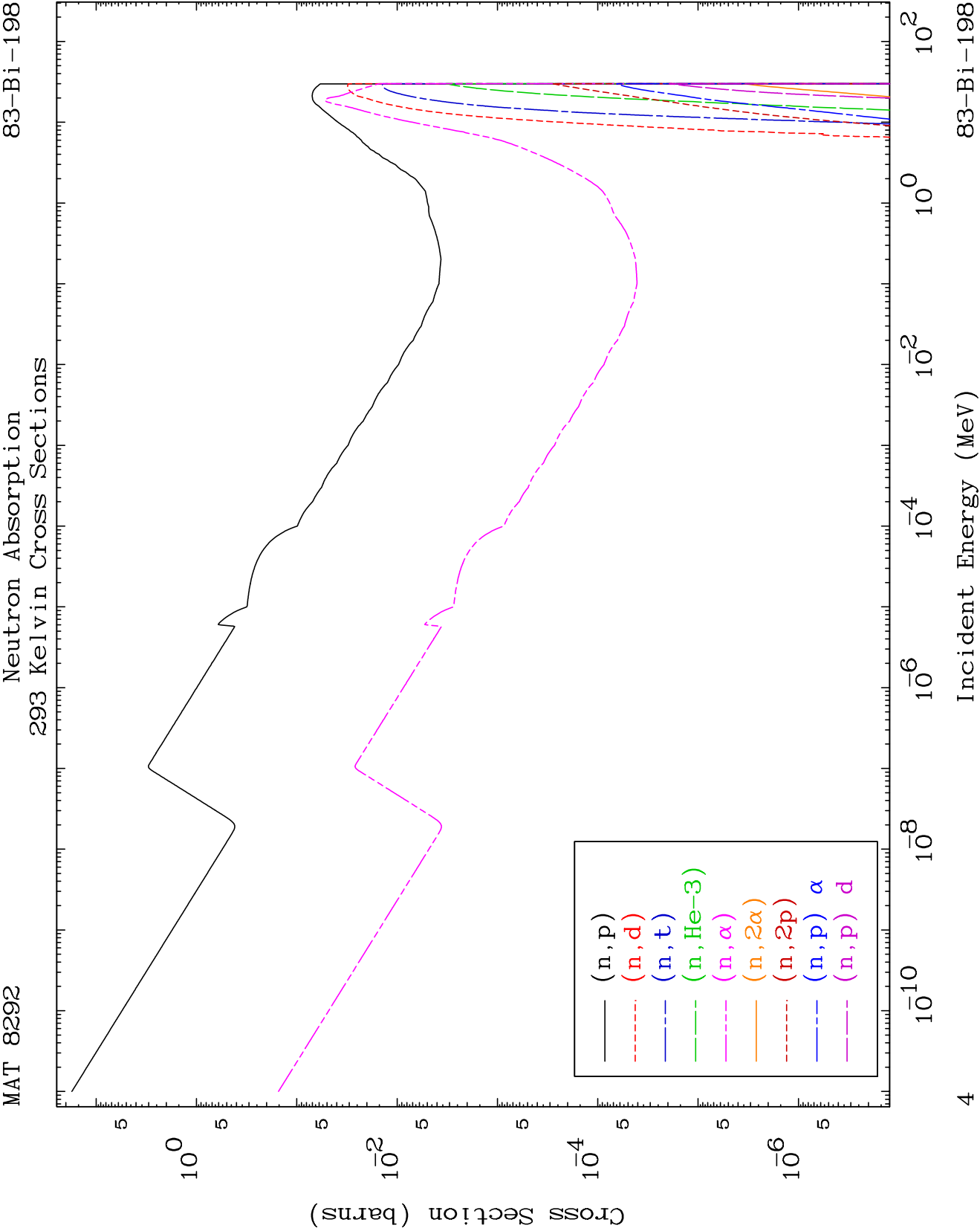
MAT 8292

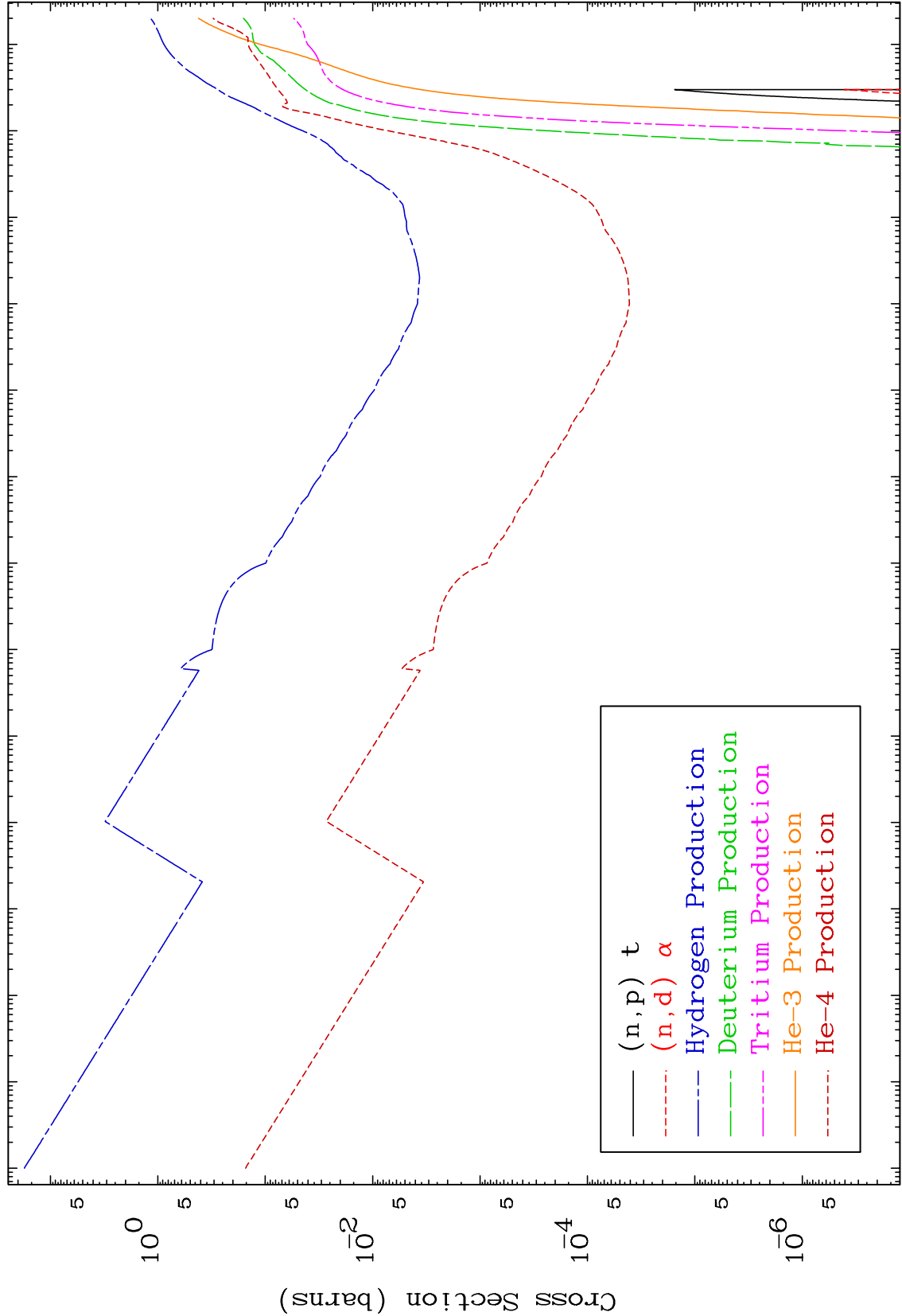
Neutron Absorption
293 Kelvin Cross Sections

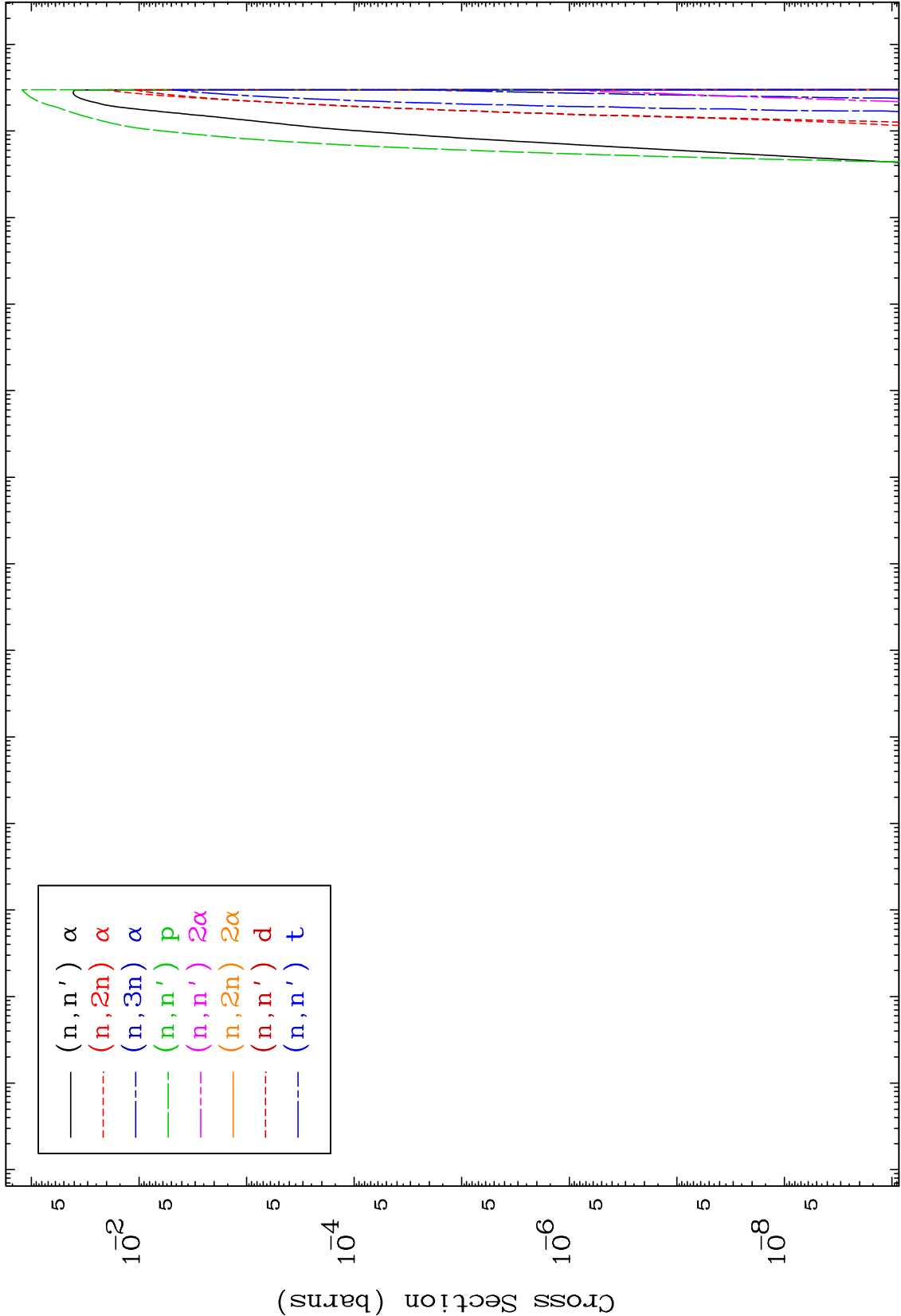
83-Bi-198

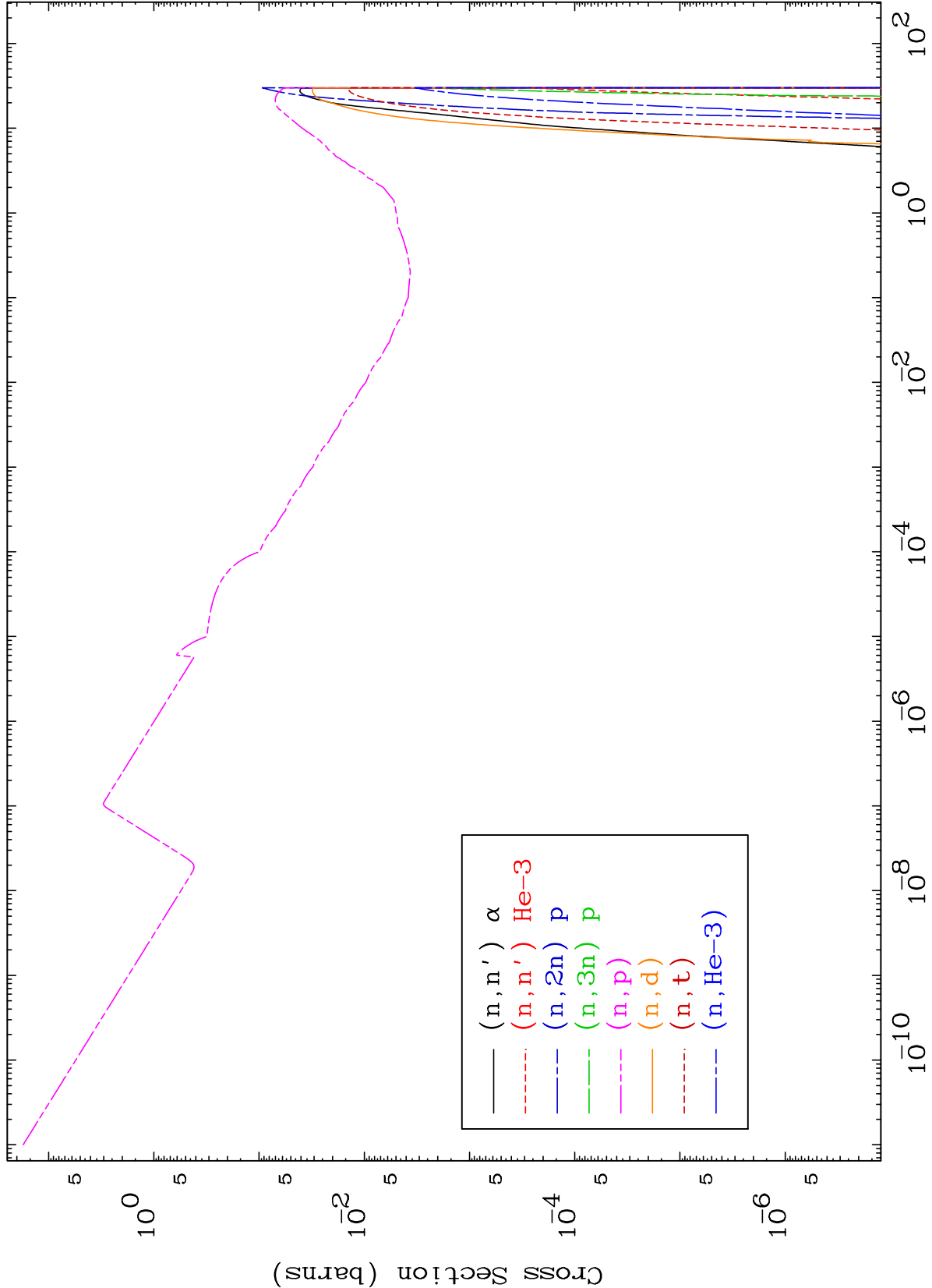


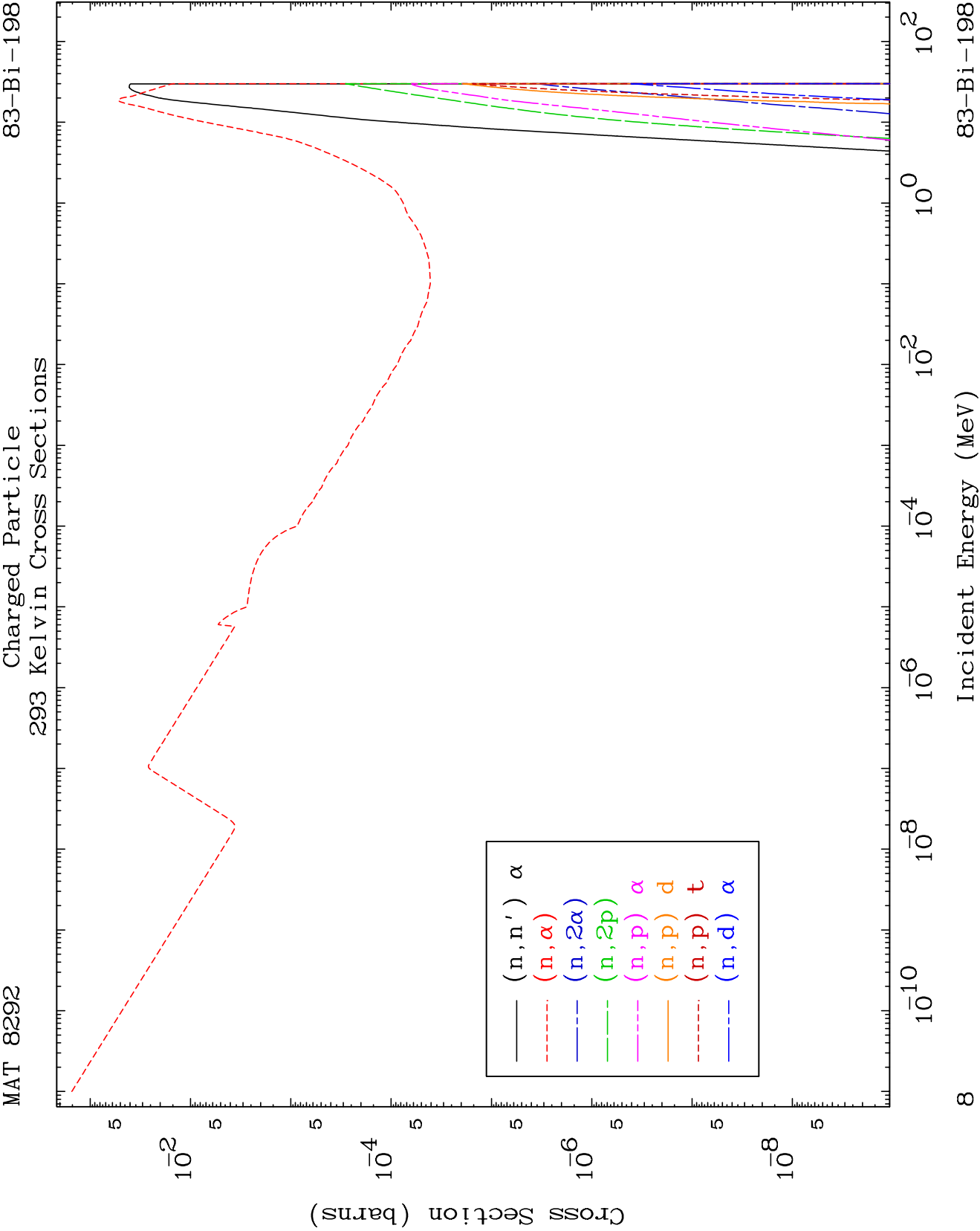


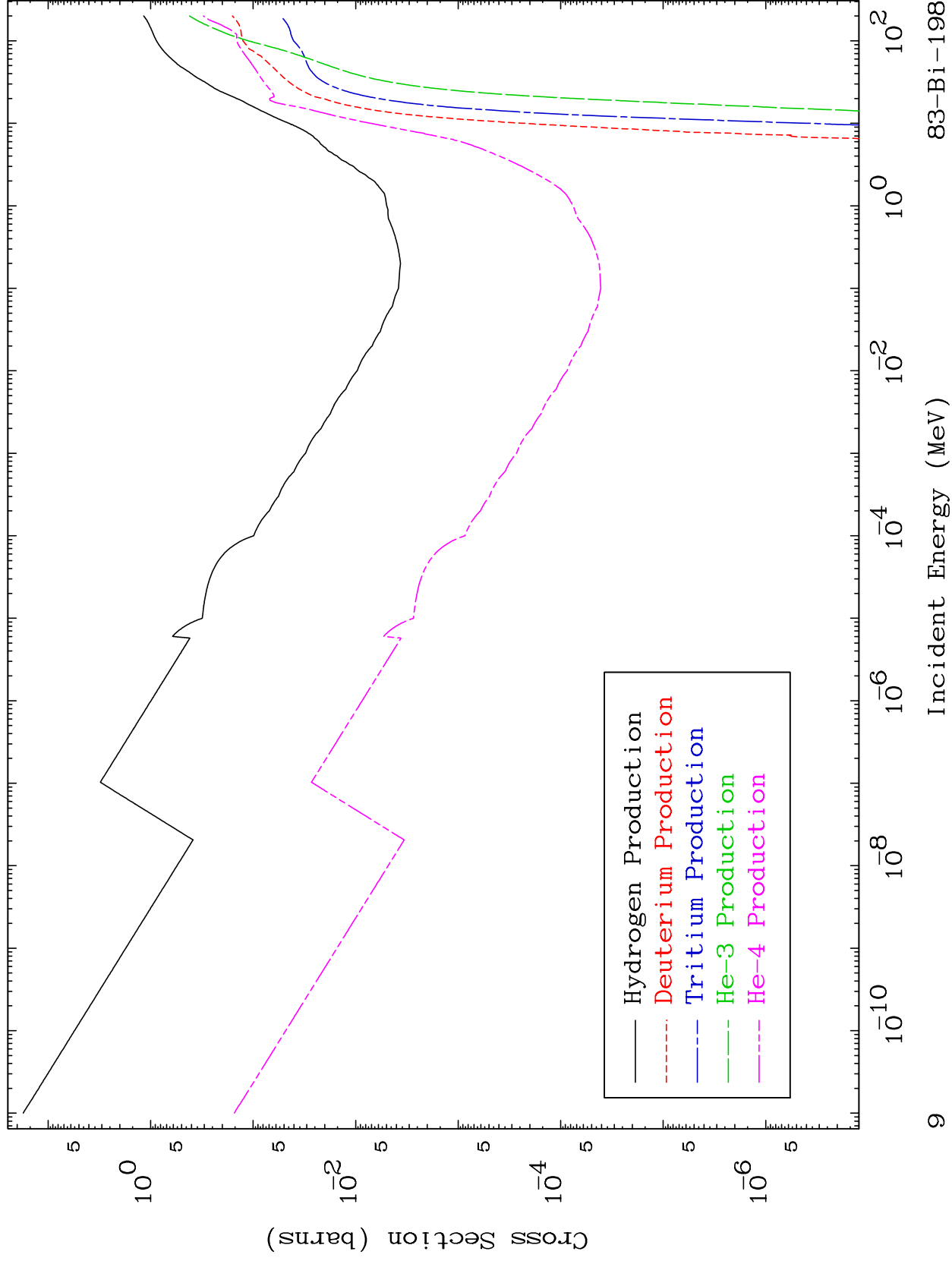


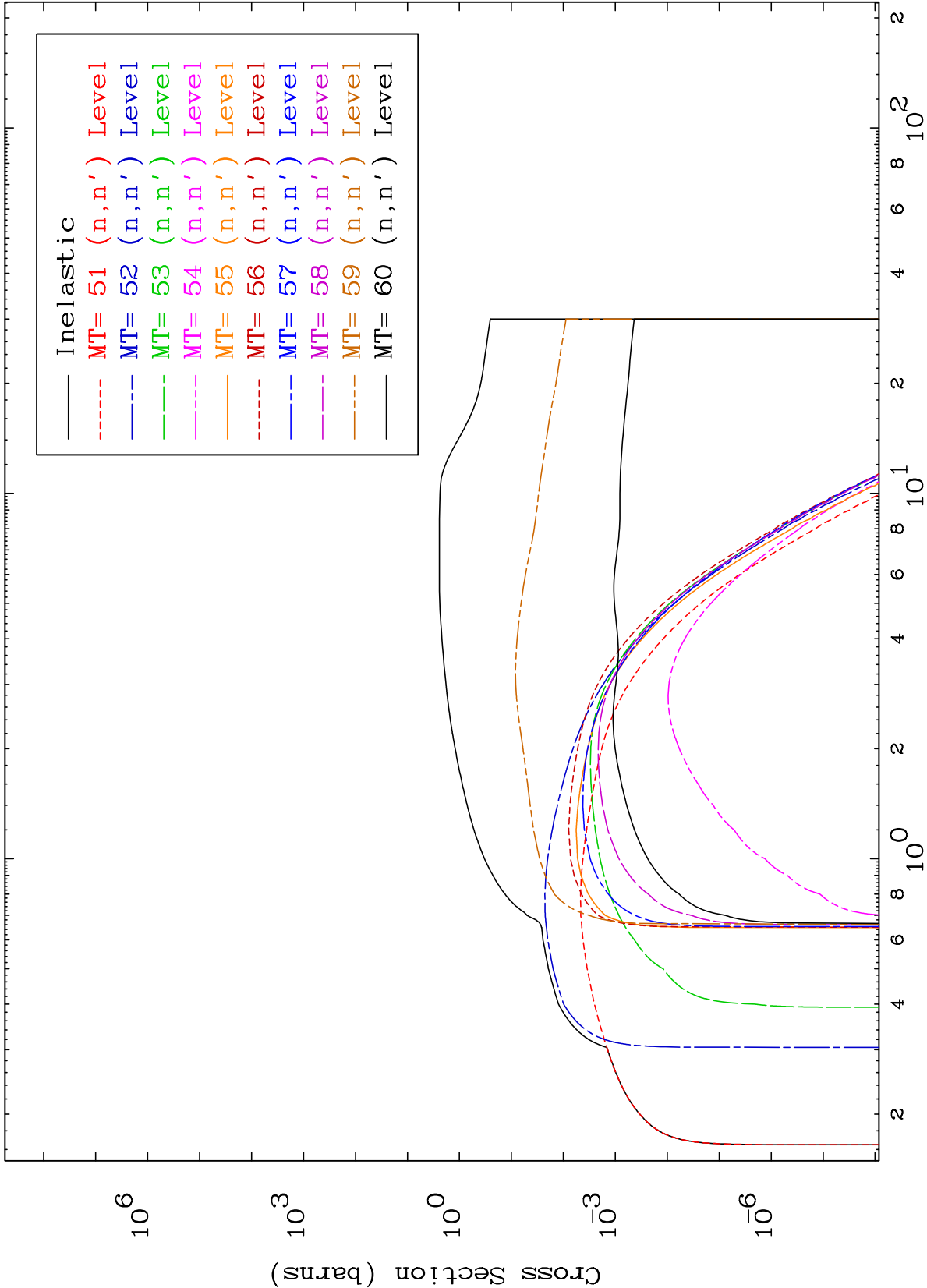


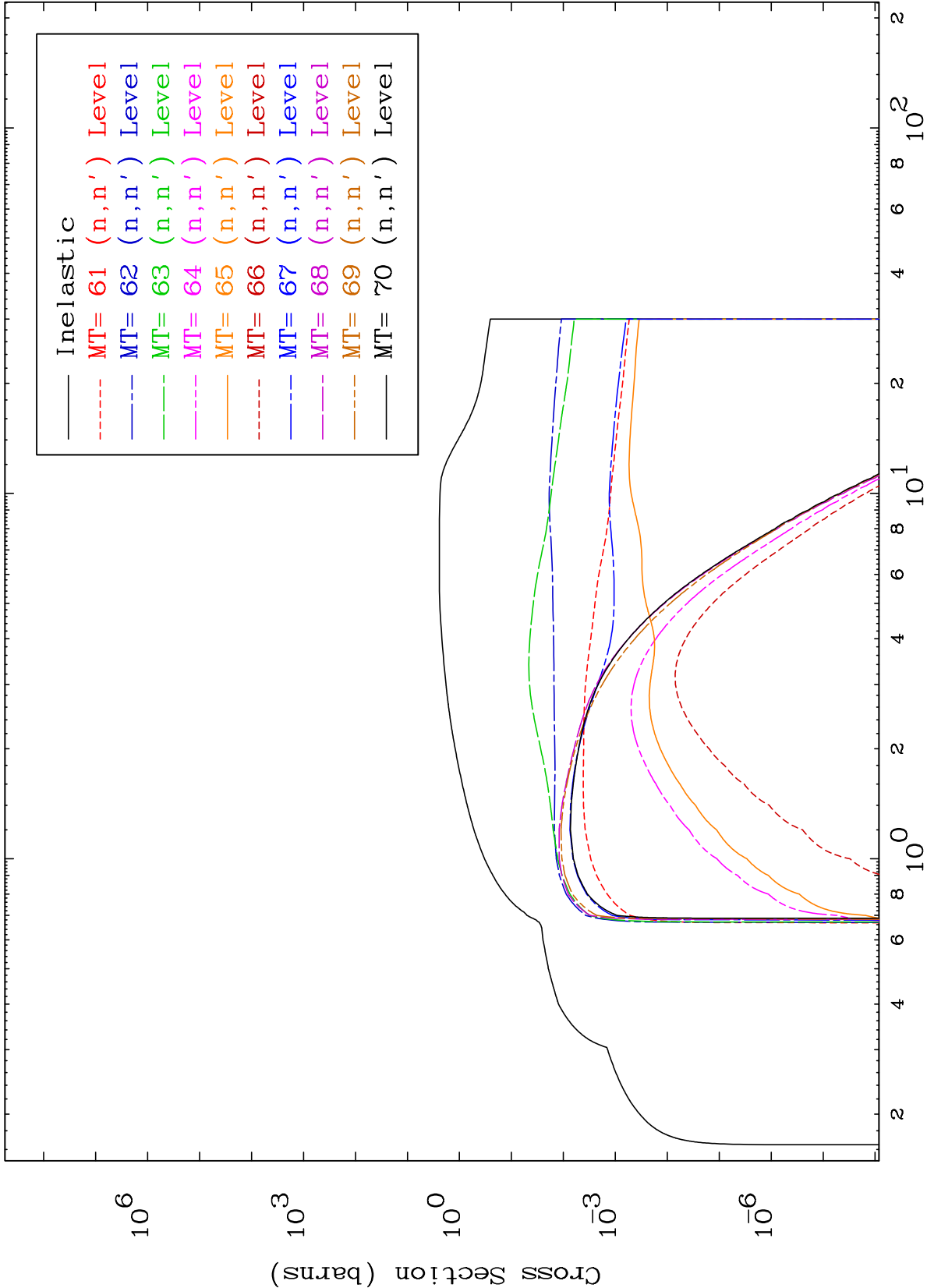


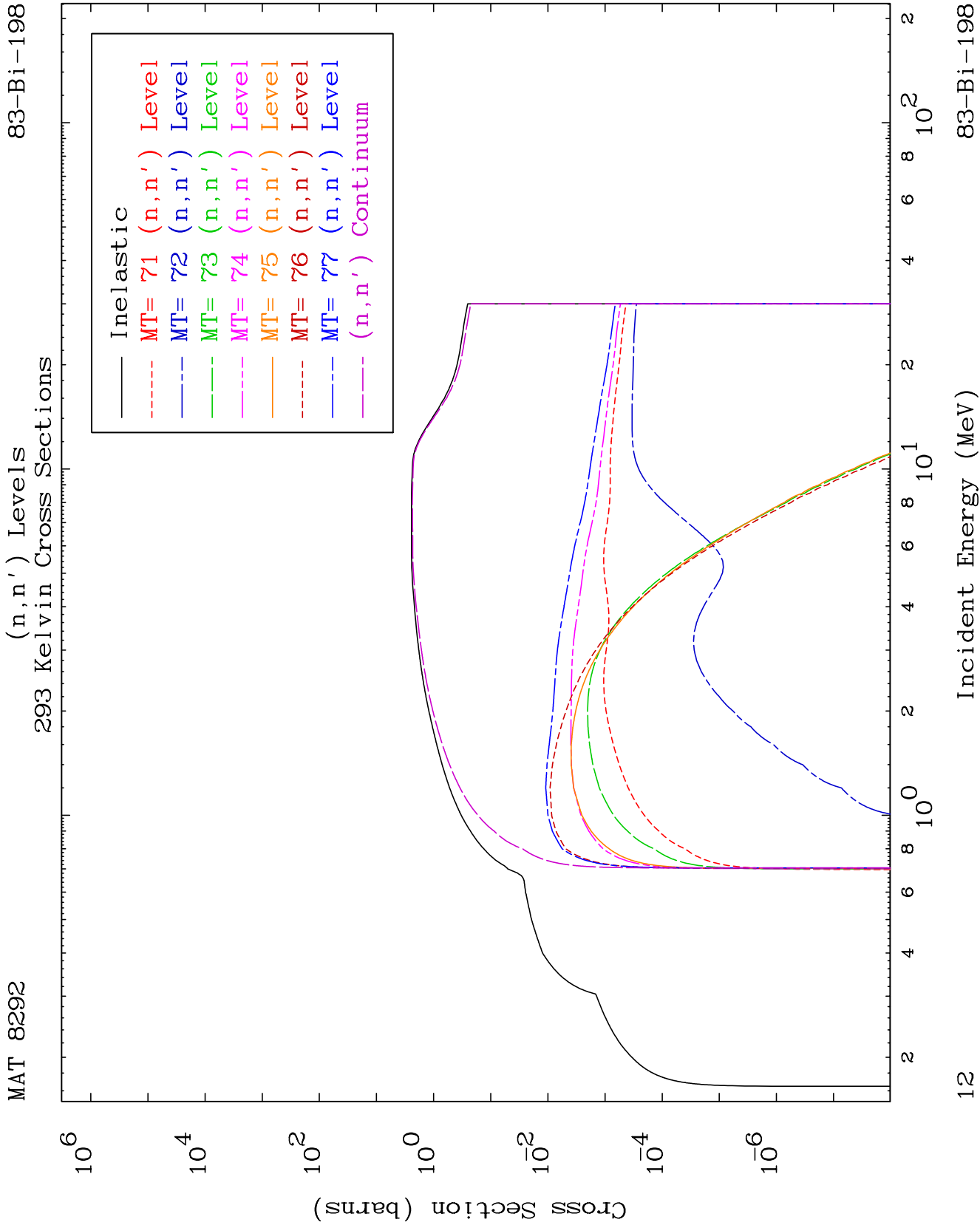








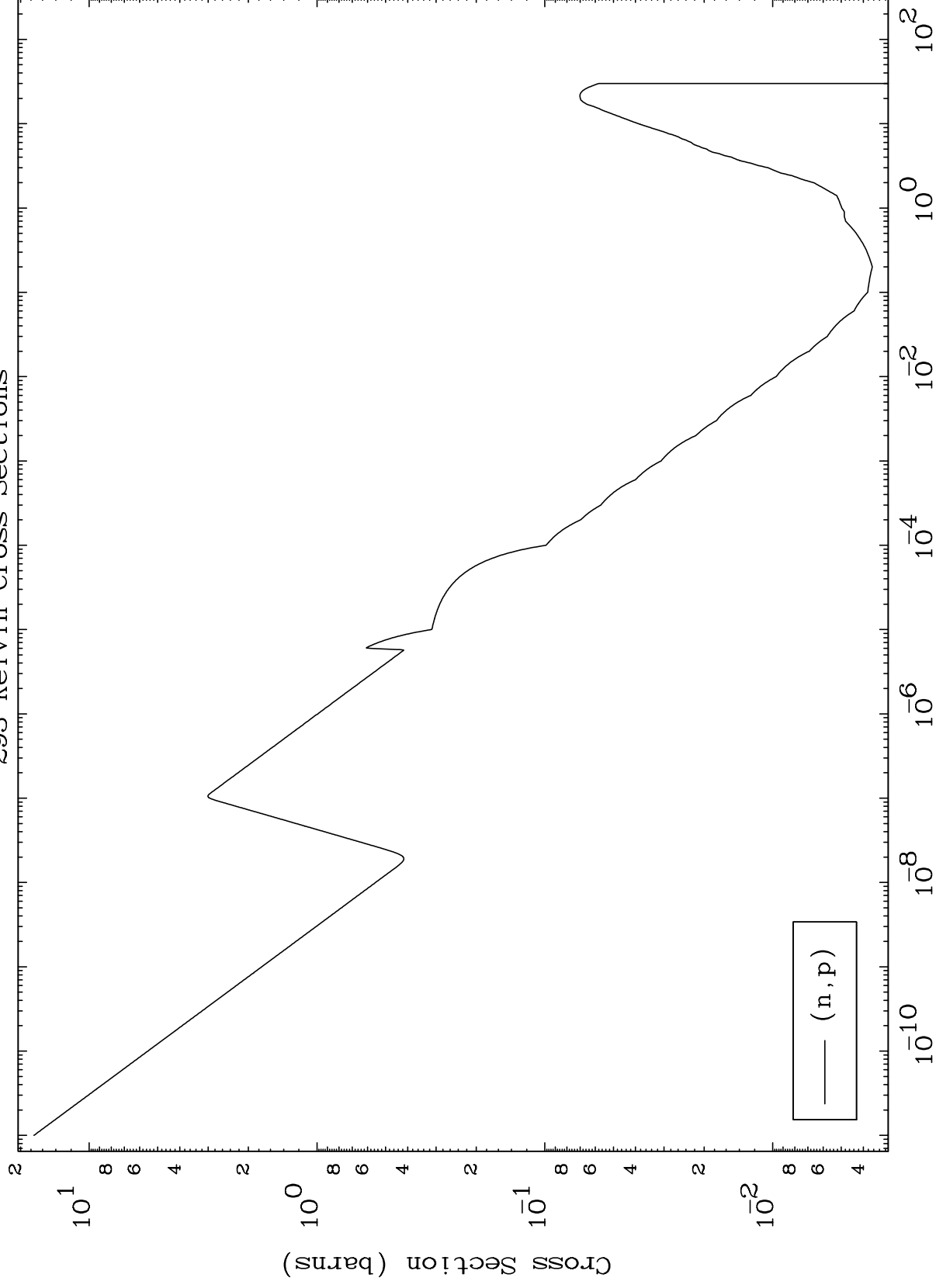




MAT 8292

83-Bi-198

(n,p) Levels
293 Kelvin Cross Sections



— (n,p)

83-Bi-198

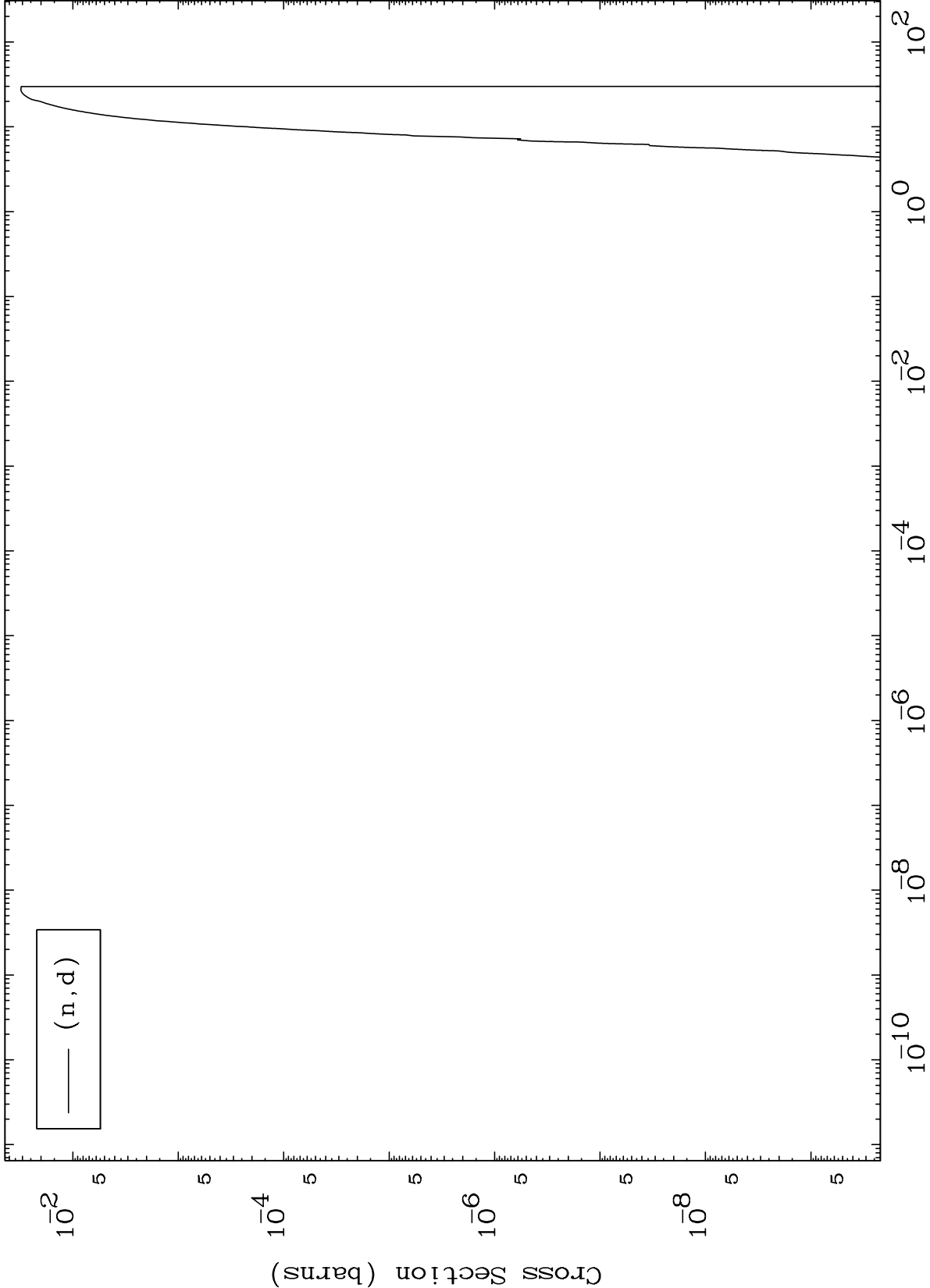
Incident Energy (MeV)

13

MAT 8292

(n,d) Levels
293 Kelvin Cross Sections

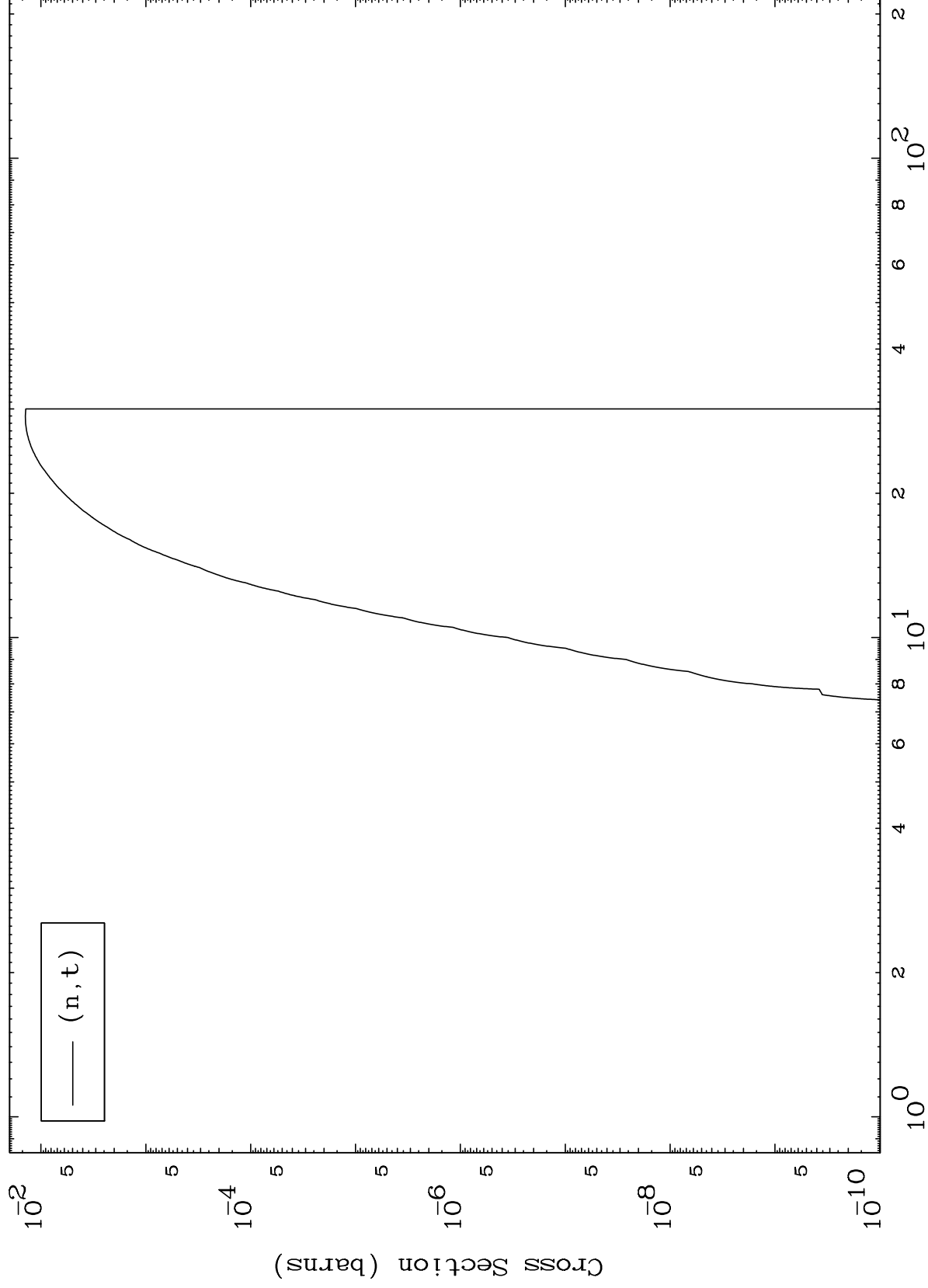
83-Bi-198



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83-Bi-198

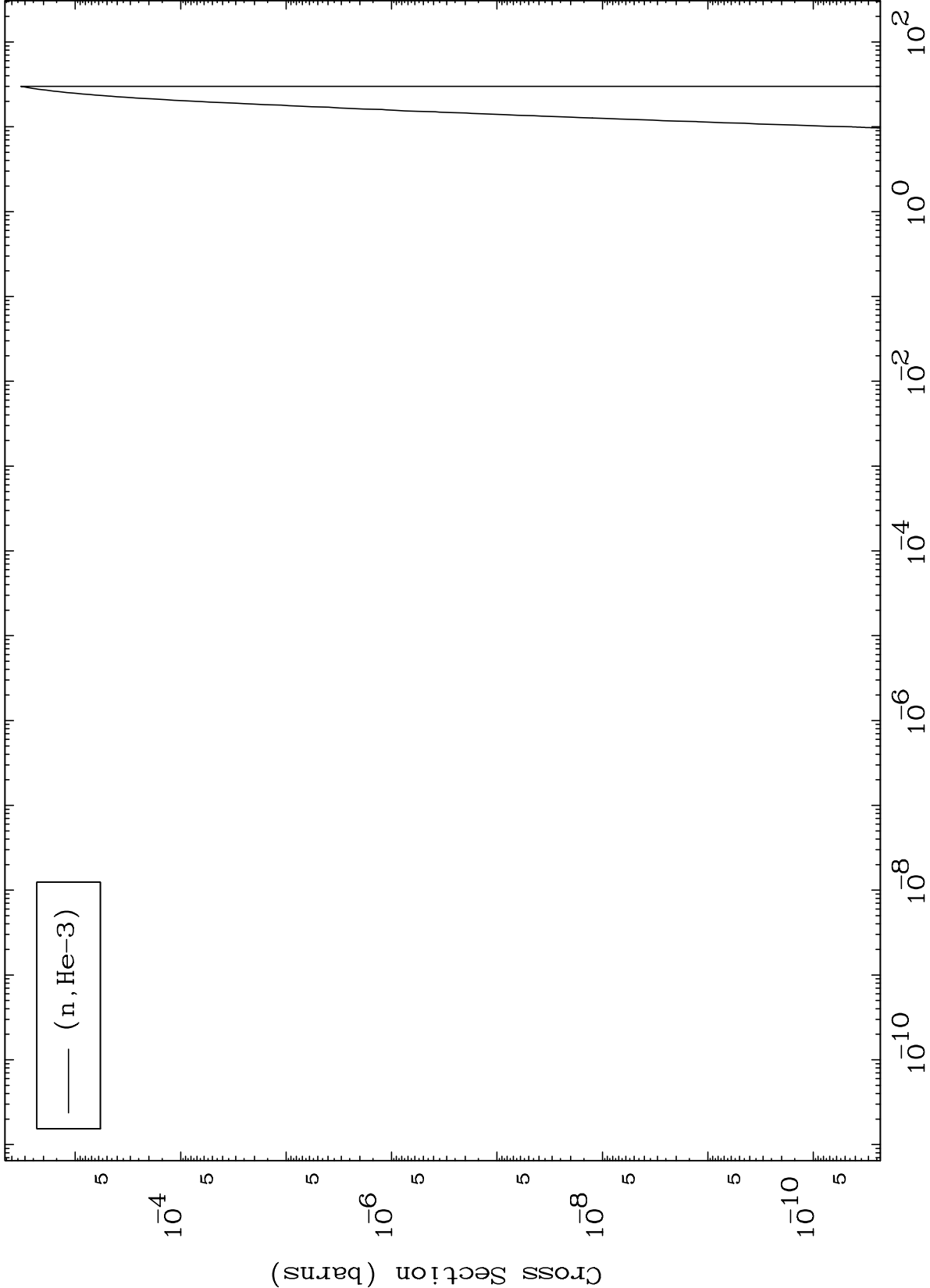
(n,t) Levels
293 Kelvin Cross Sections

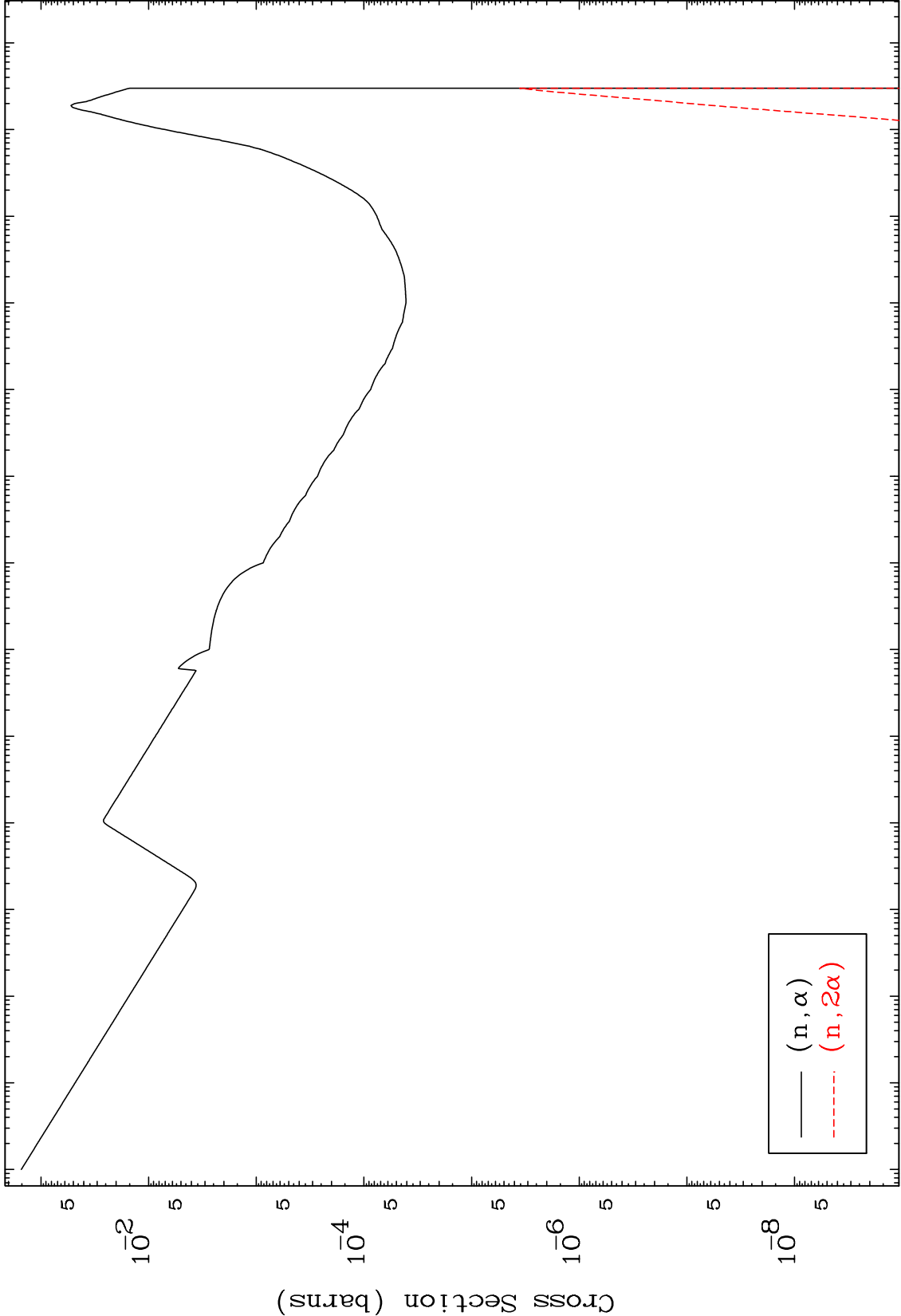


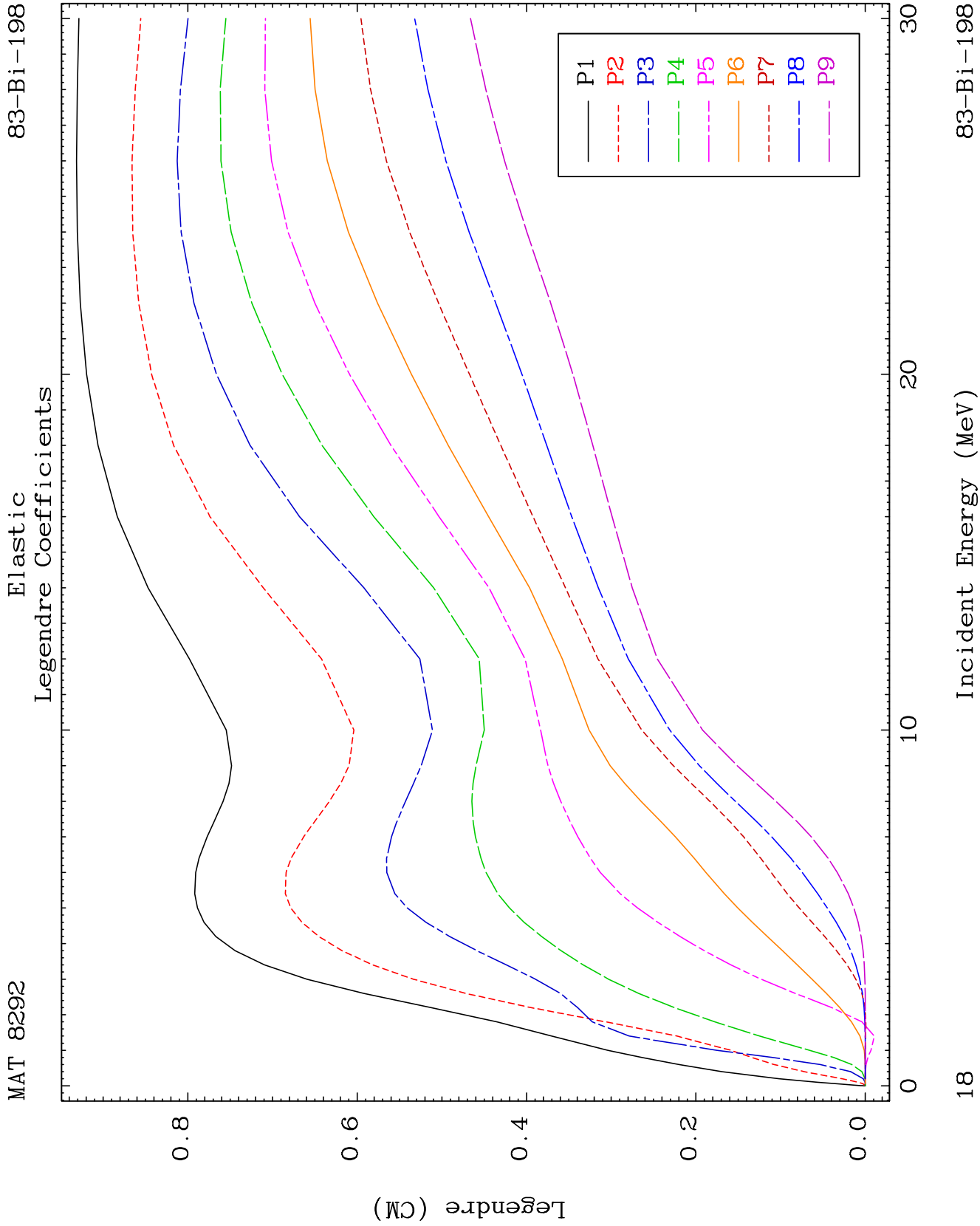
83-Bi-198

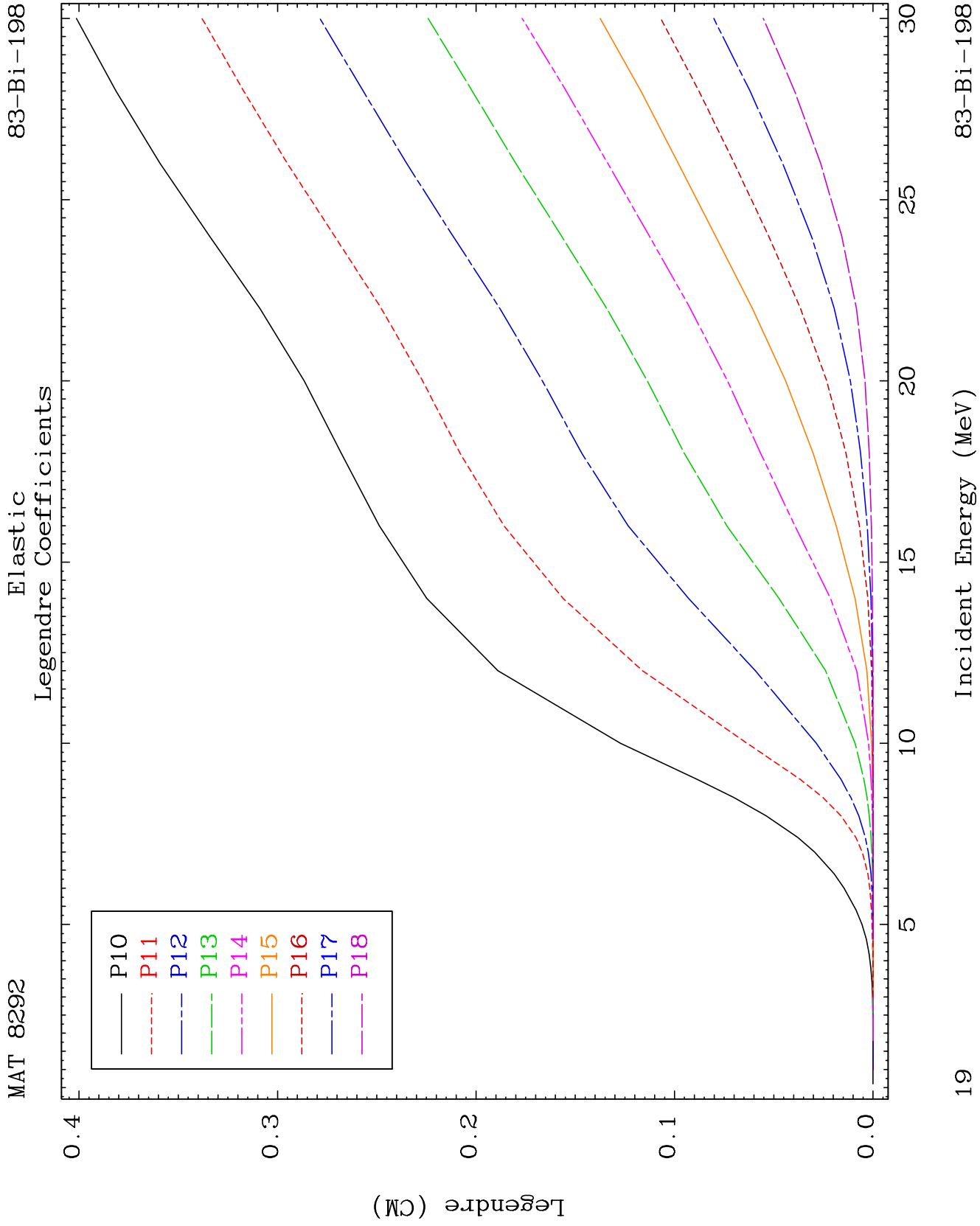
Incident Energy (MeV)

15





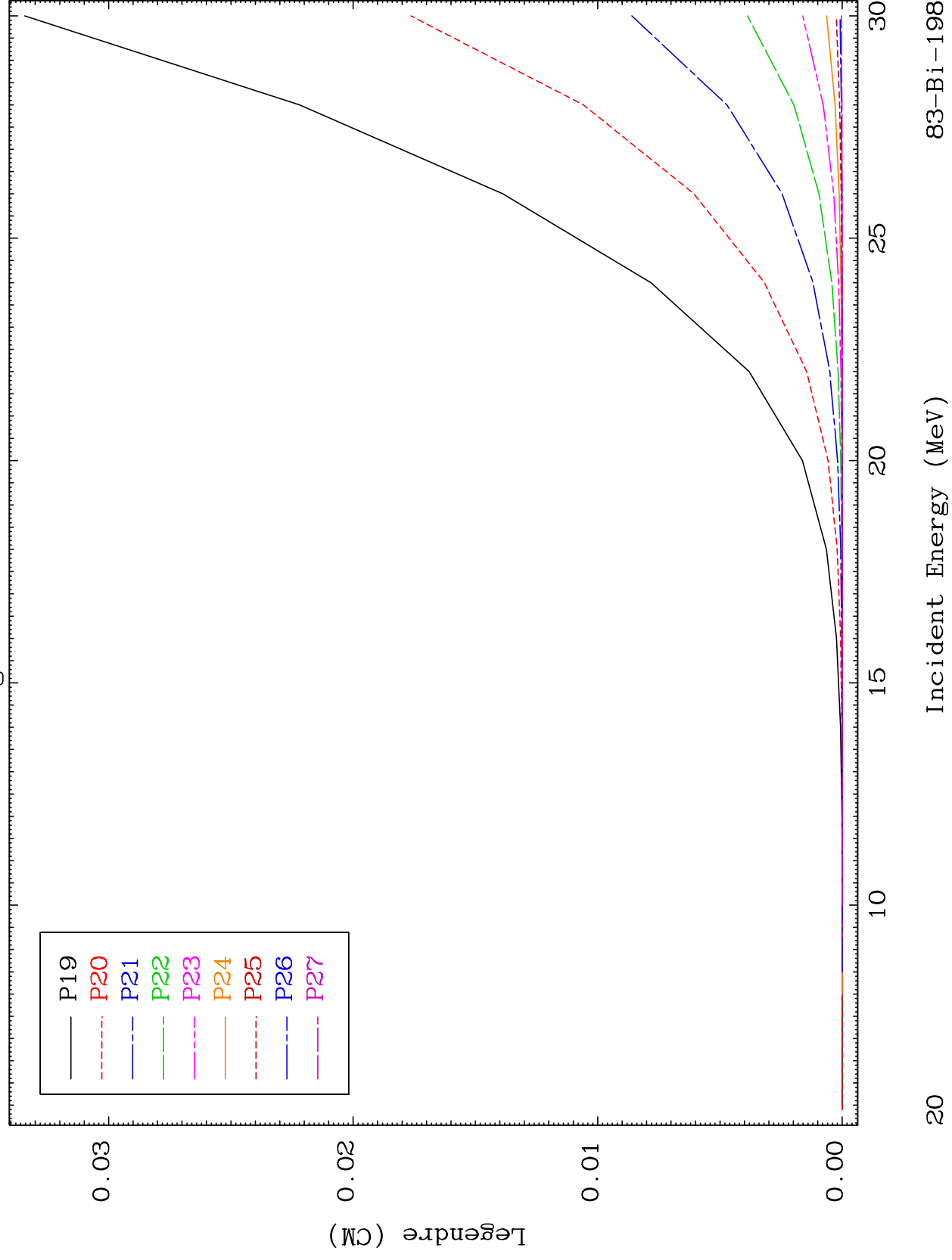


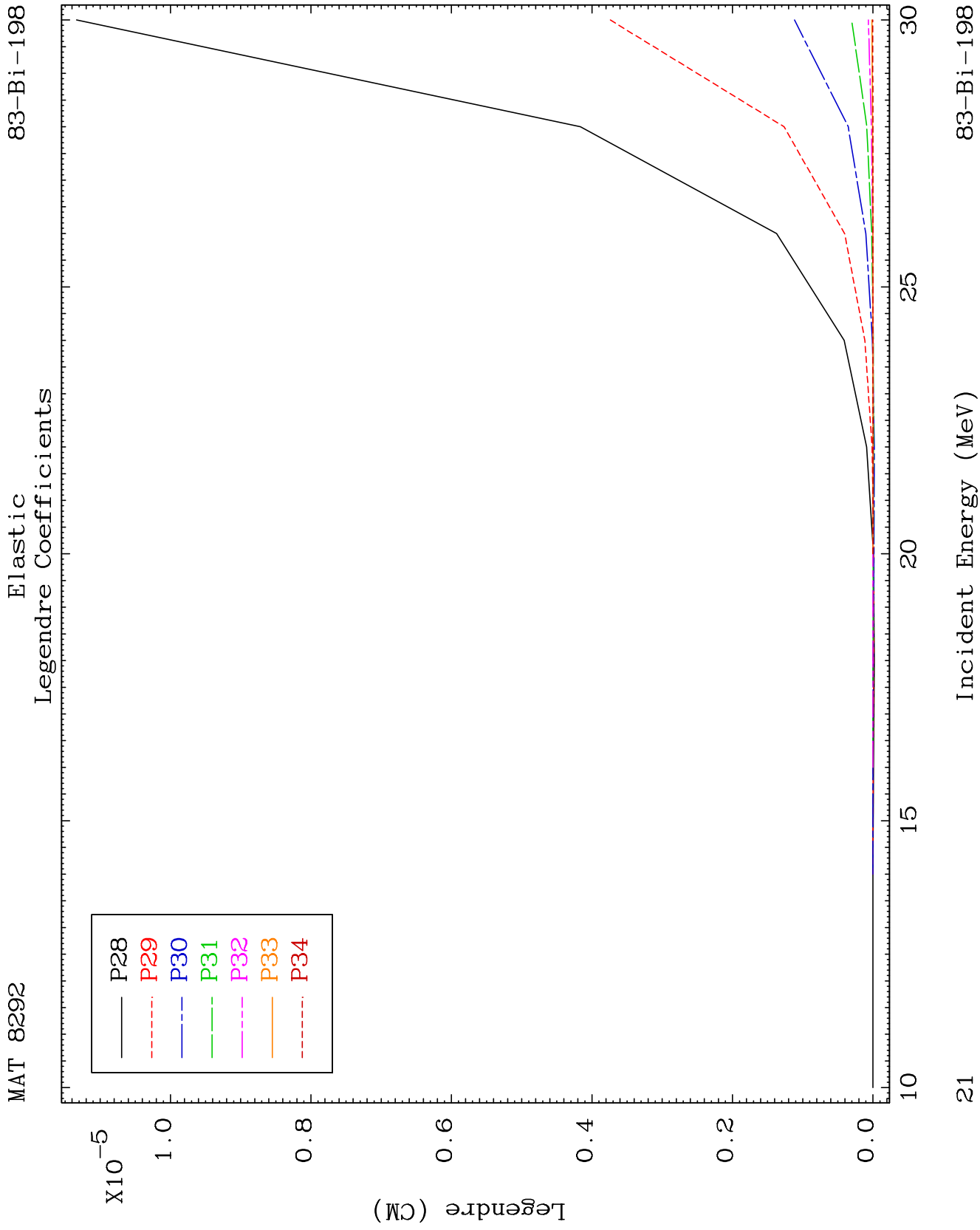


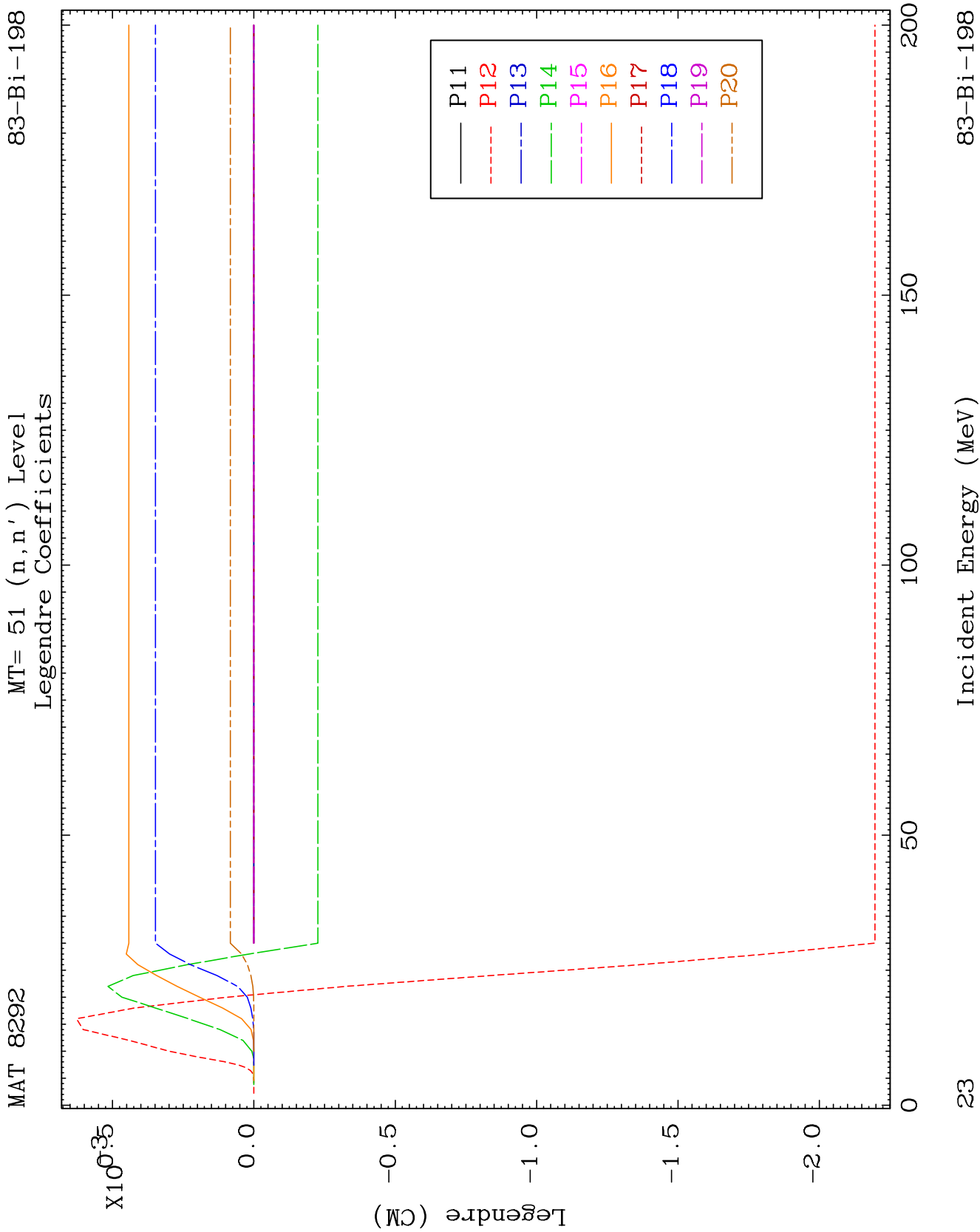
MAT 8292

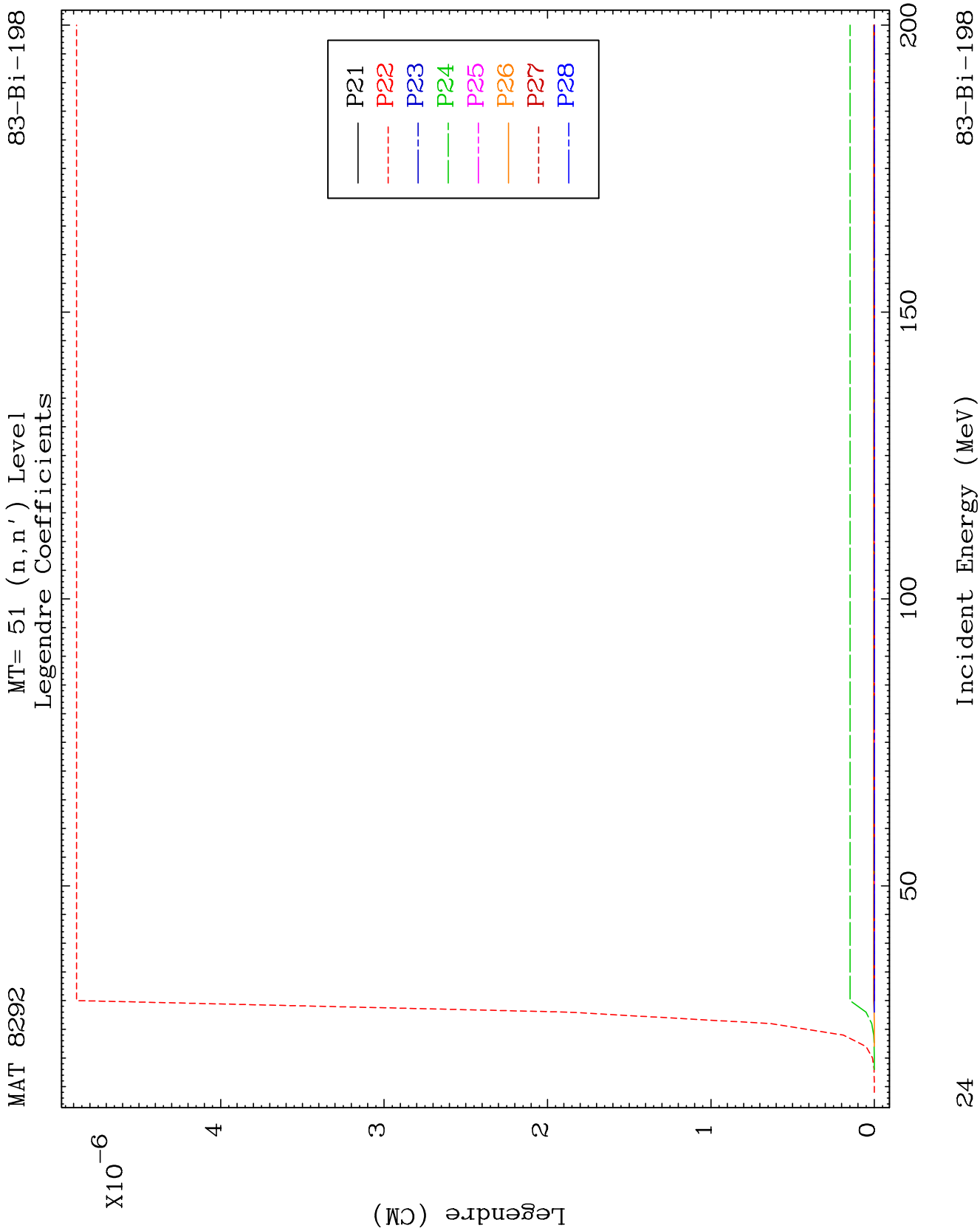
Elastic Legendre Coefficients

83-Bi-198





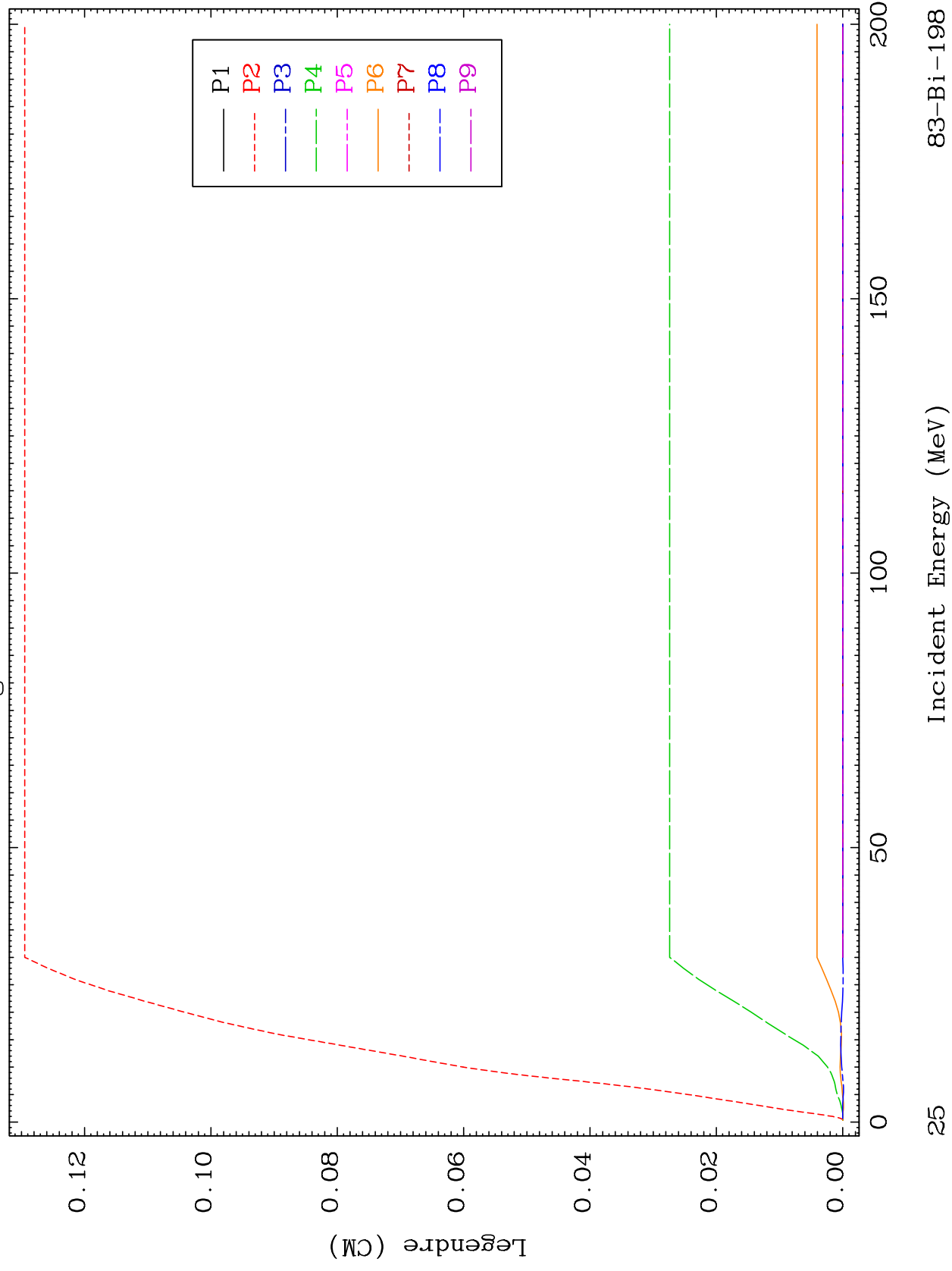




MAT 8292

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

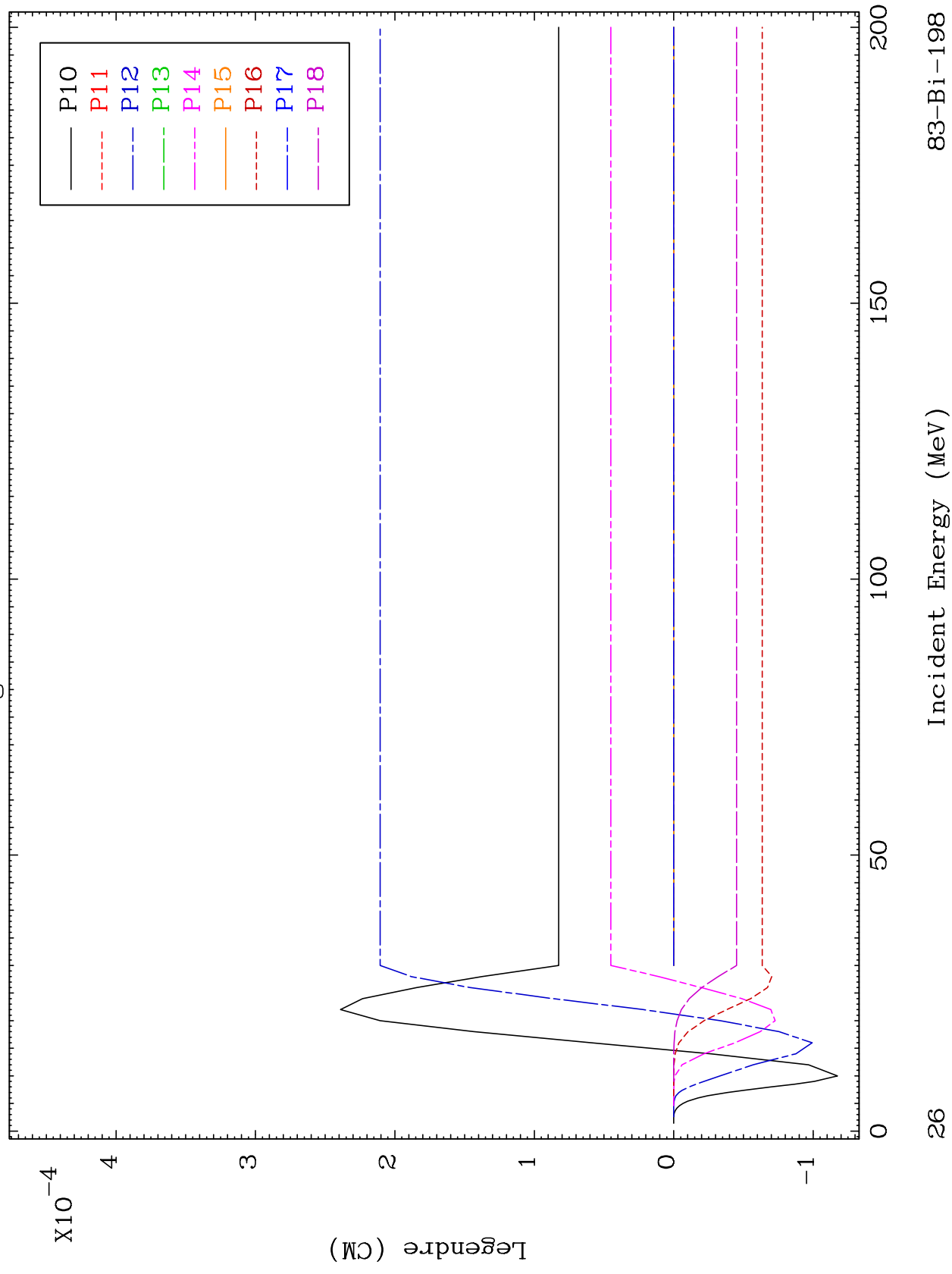
83-Bi-198



MAT 8292

83-Bi-198

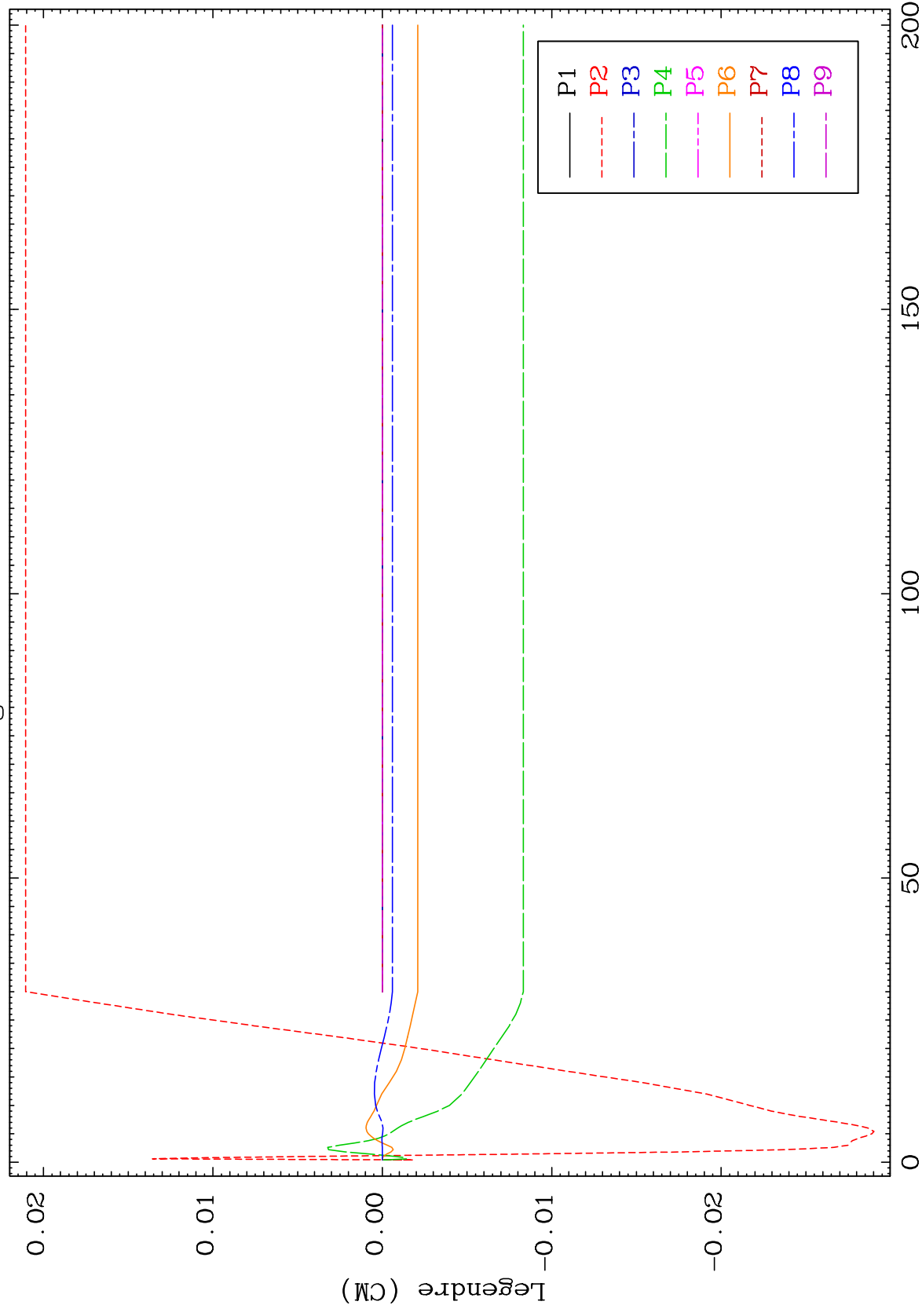
MT= 52 (n, n') Level
Legendre Coefficients



MAT 8292

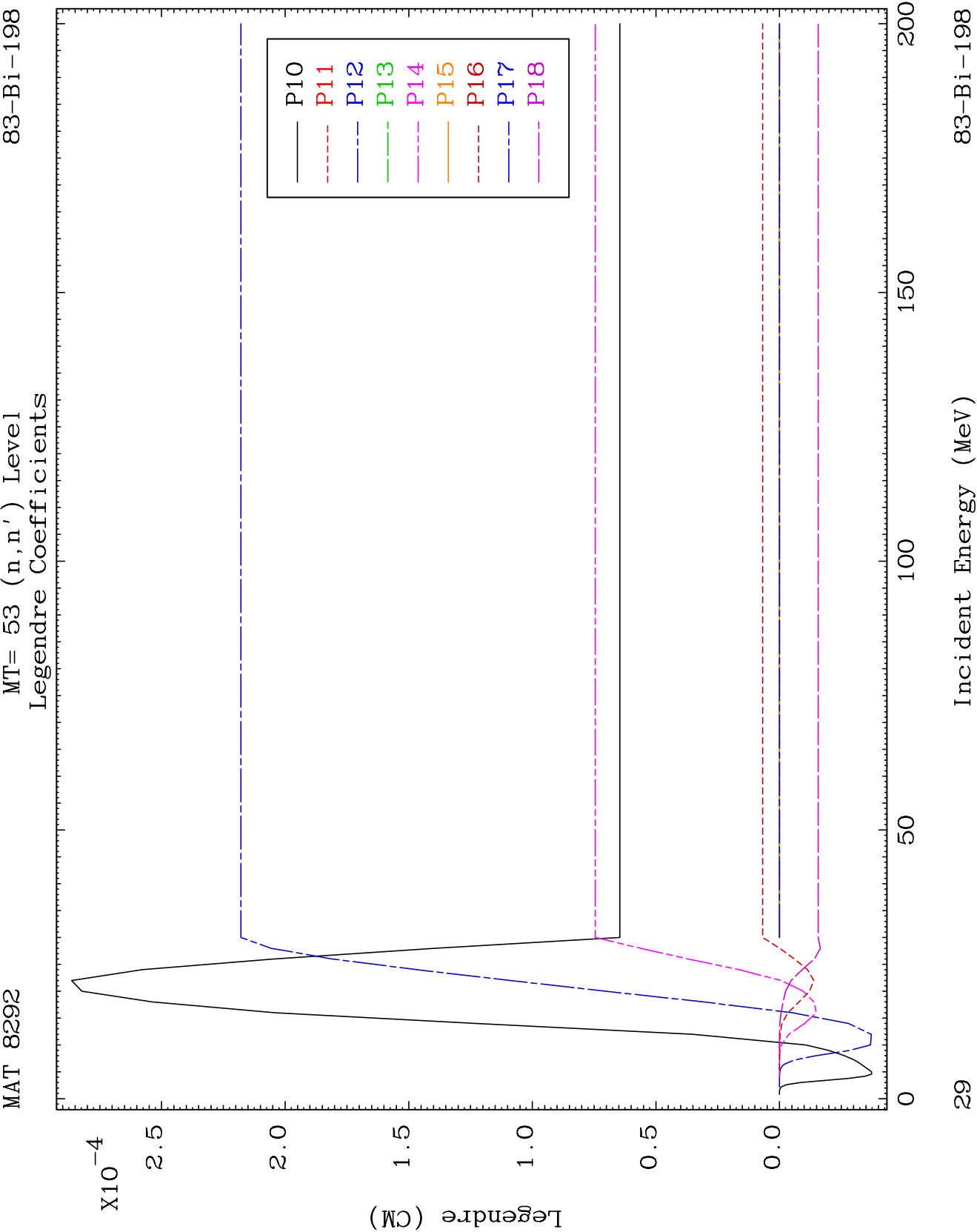
83-Bi-198

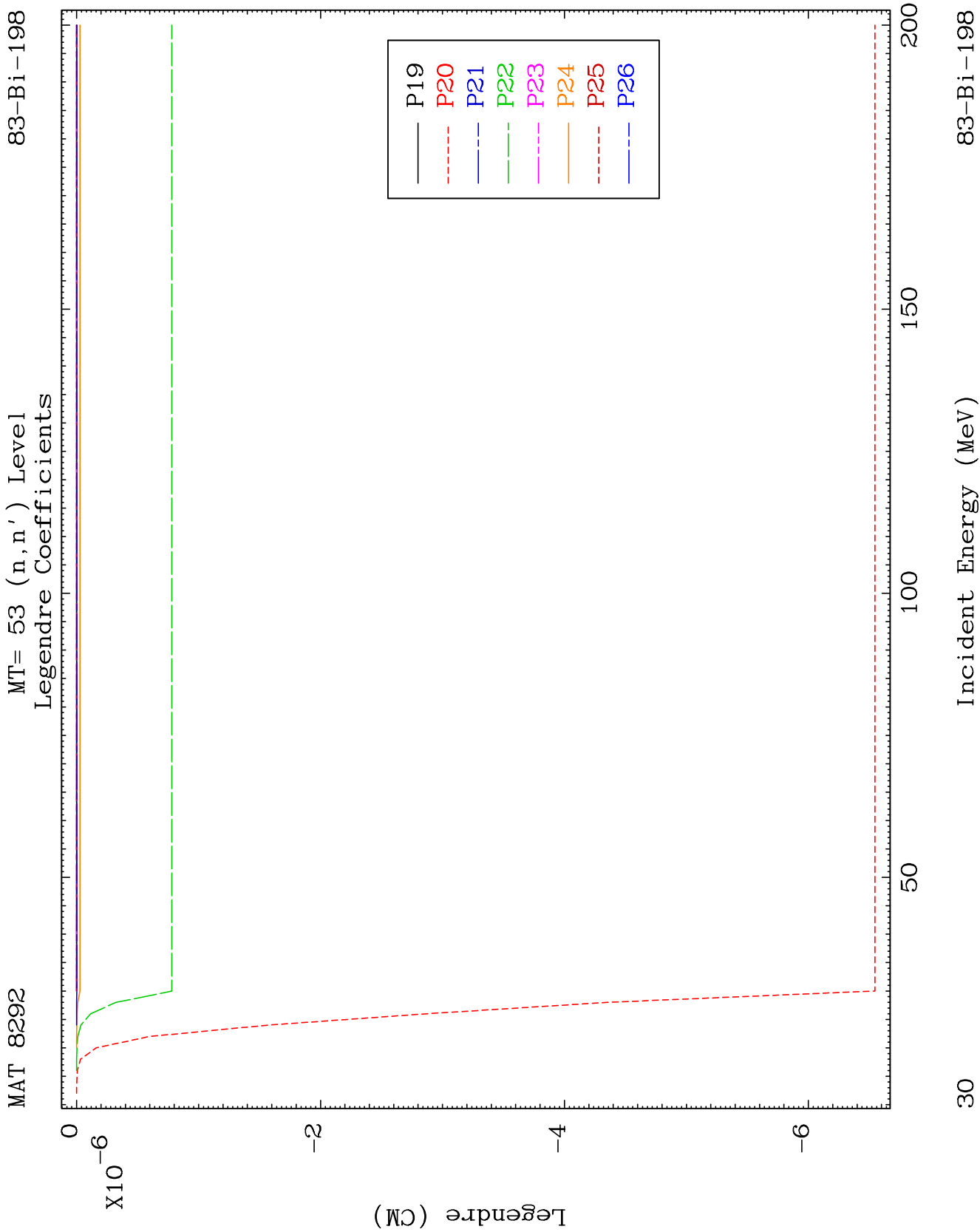
MT= 53 (n, n') Level
Legendre Coefficients



83-Bi-198

Incident Energy (MeV)

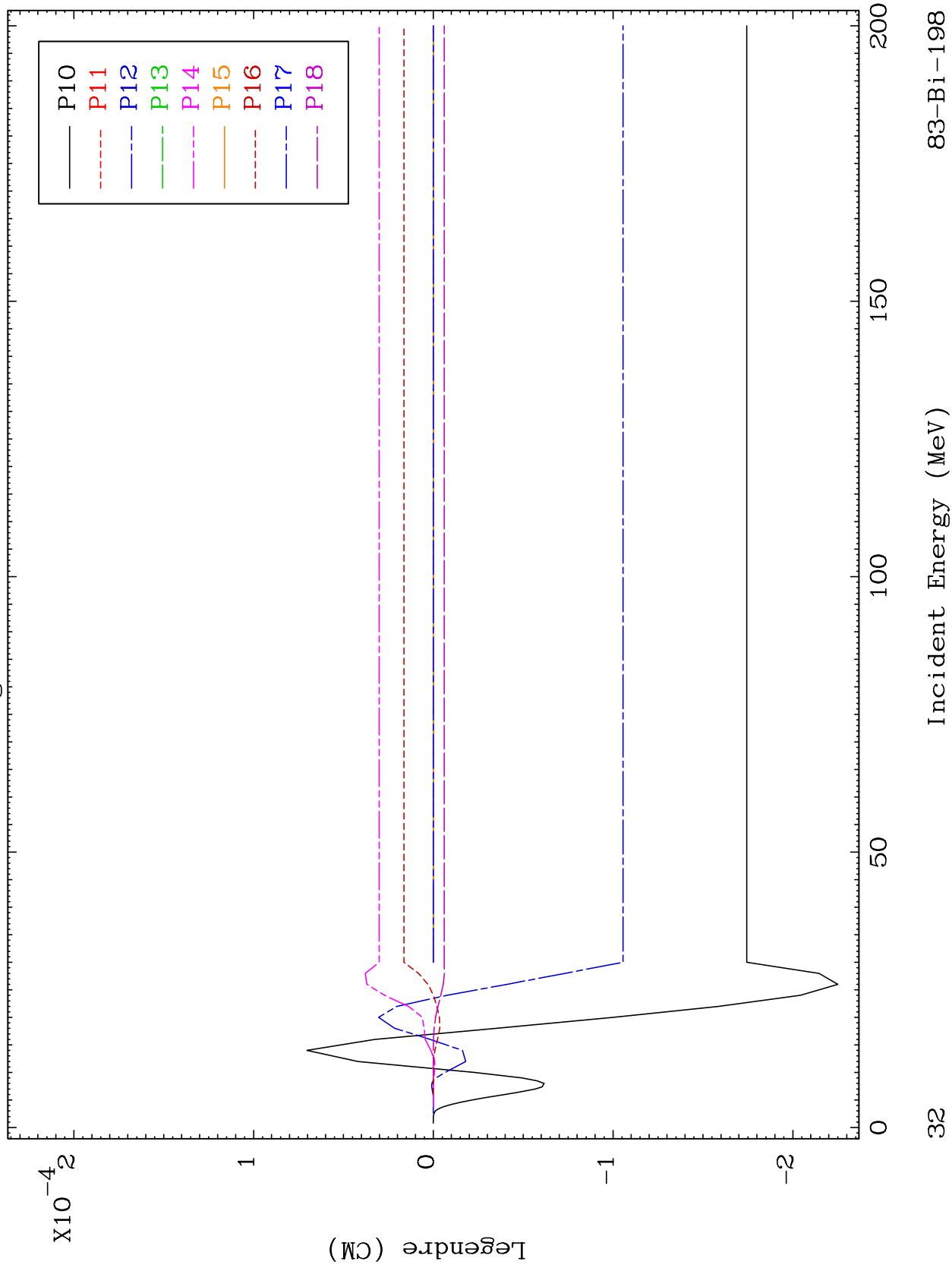


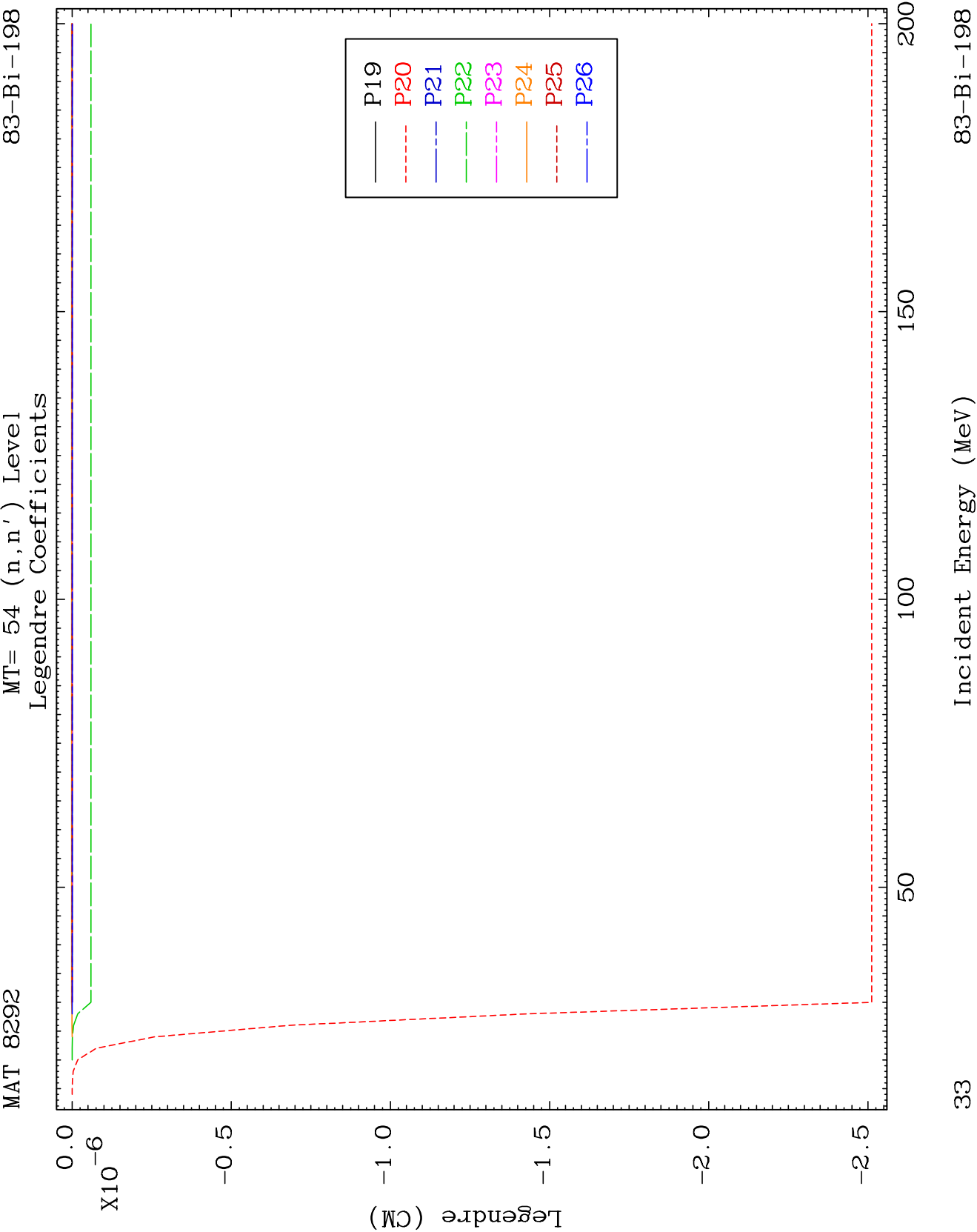


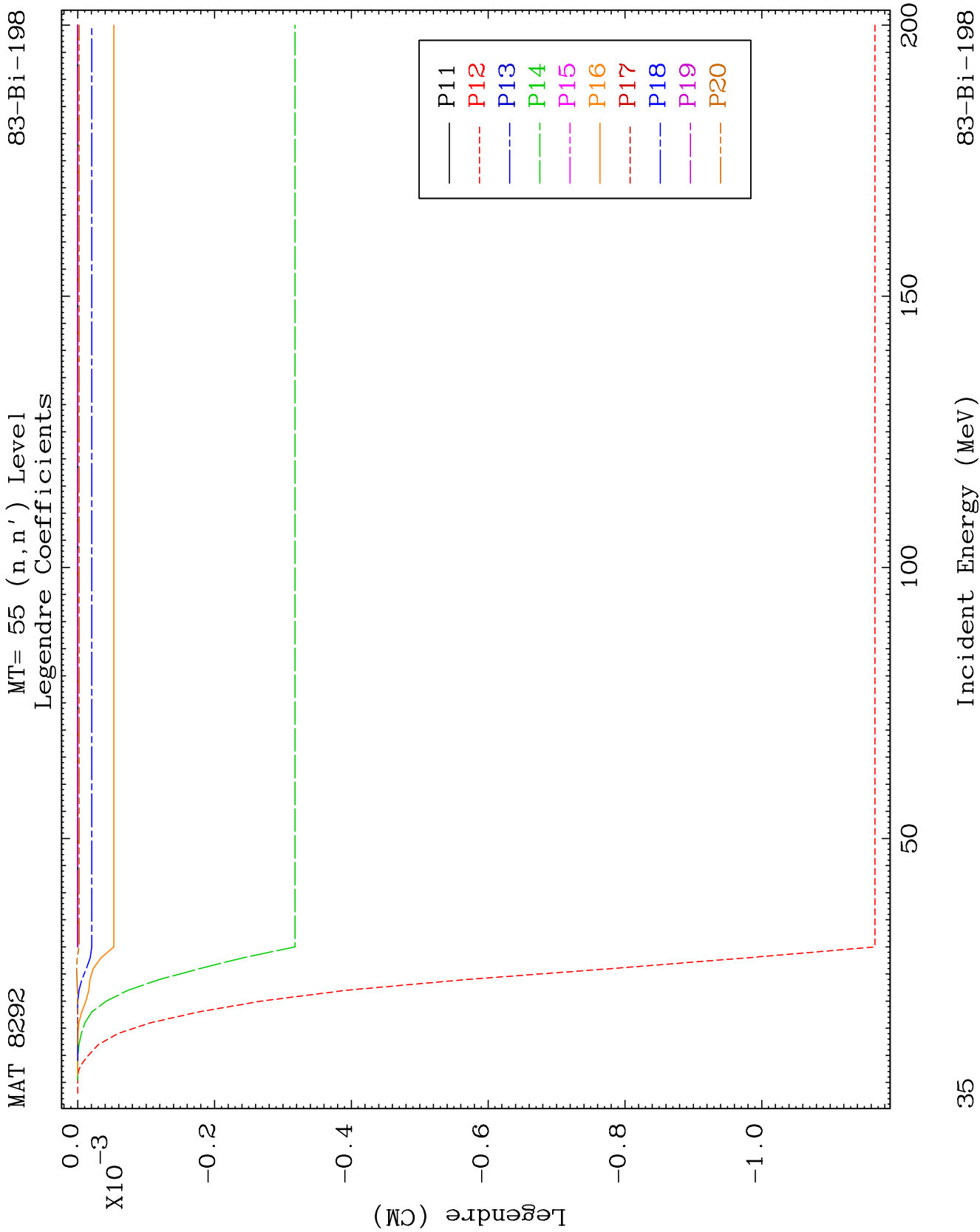
MAT 8292

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

83-Bi-198



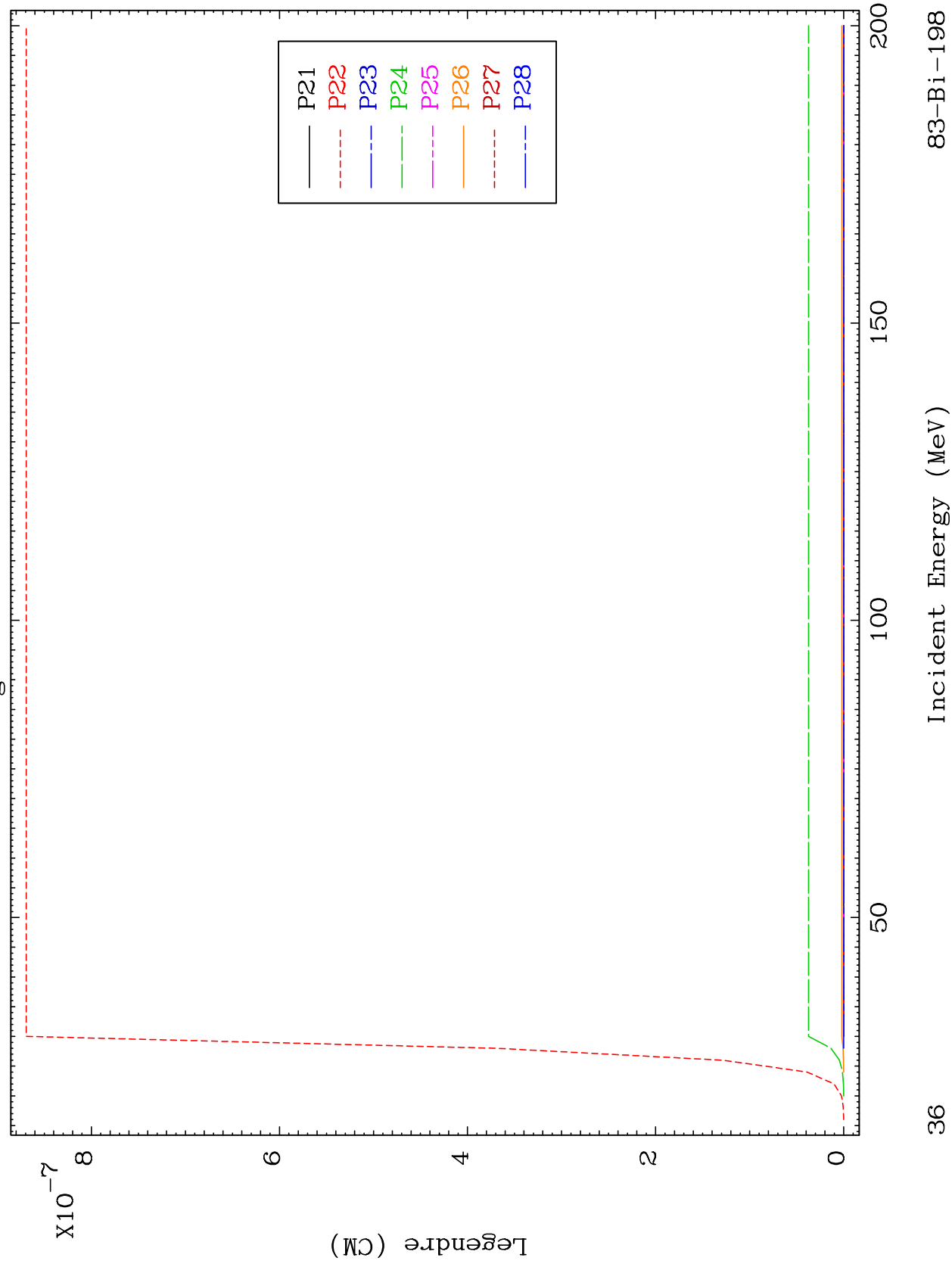


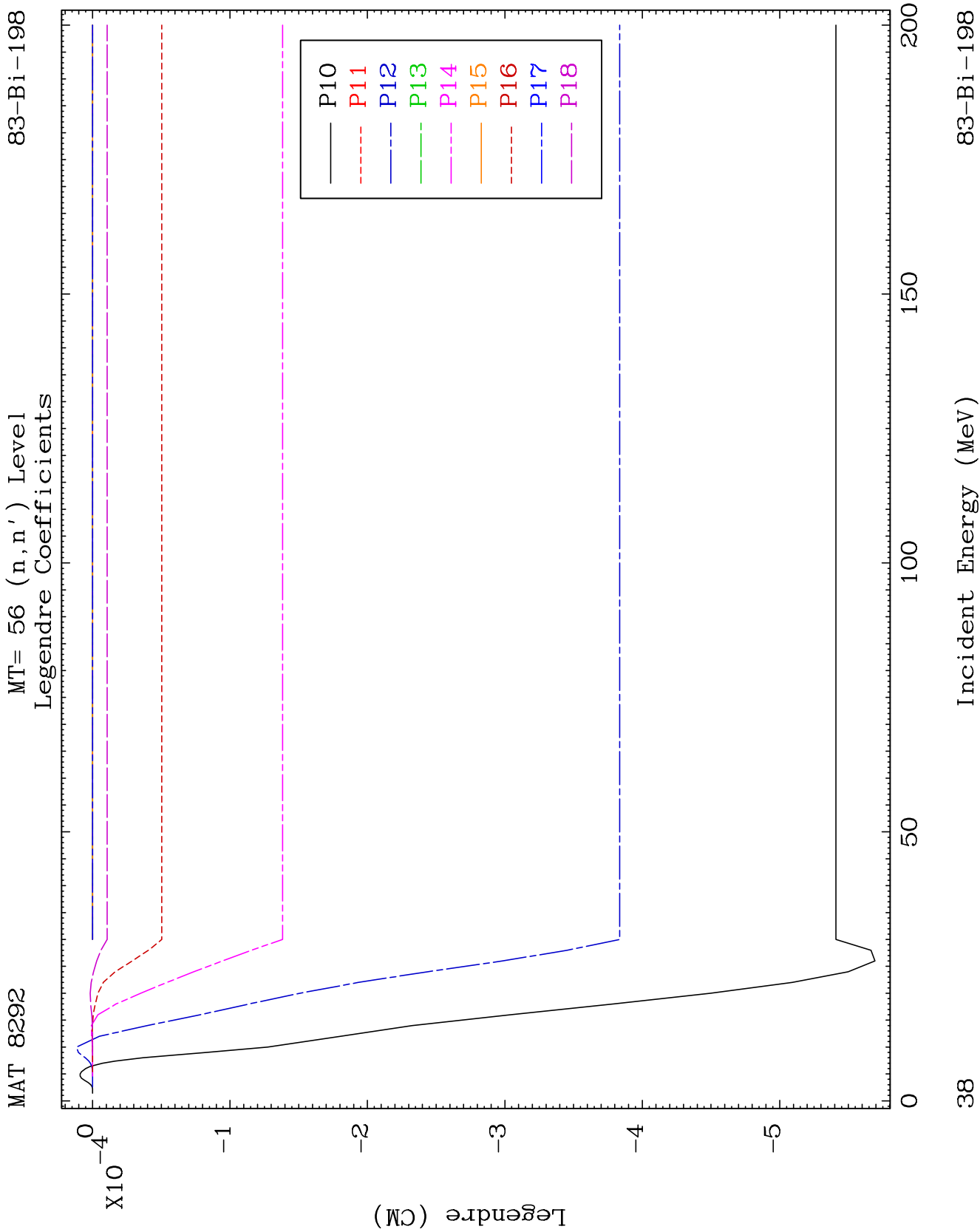


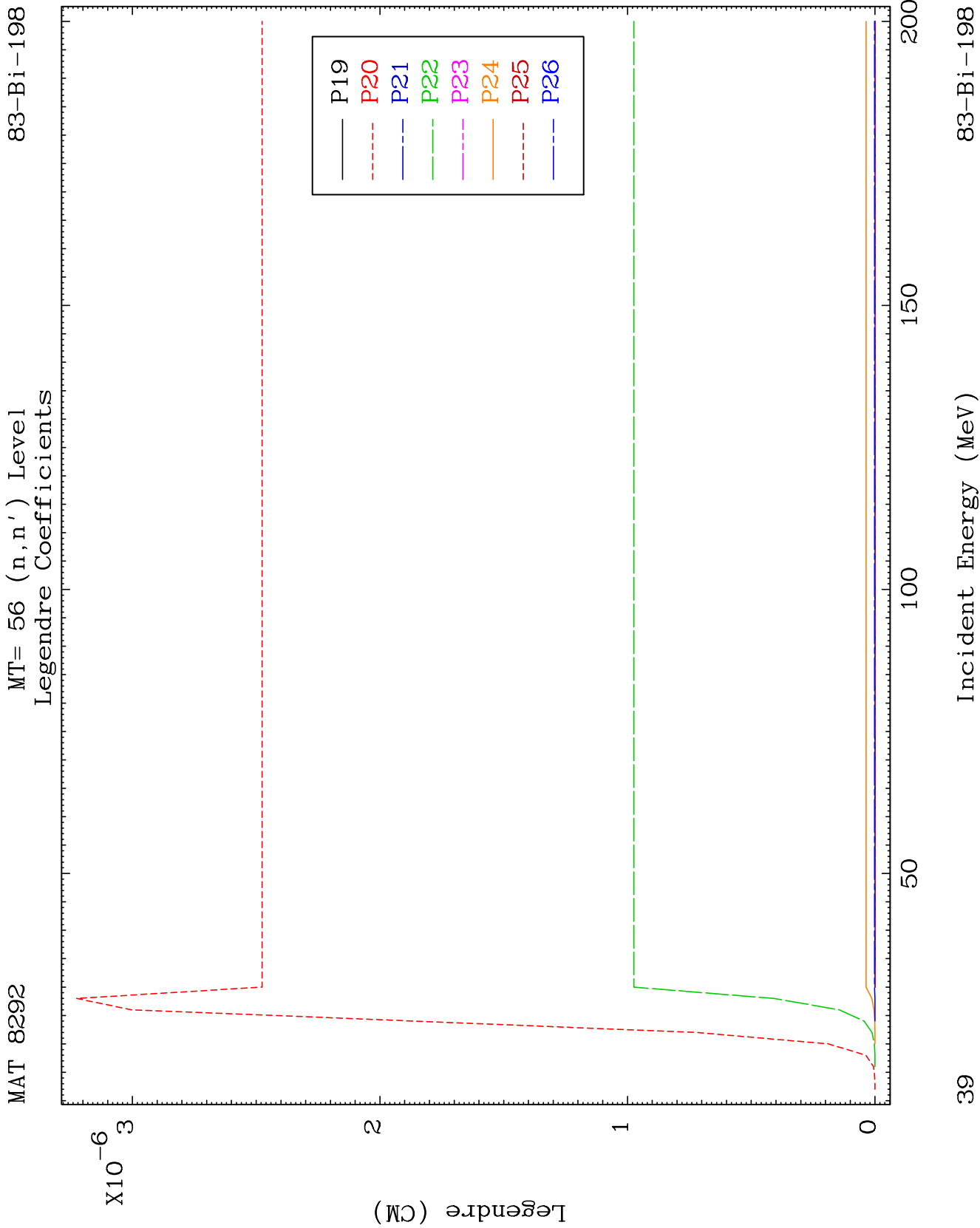
MAT 8292

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

83-Bi-198



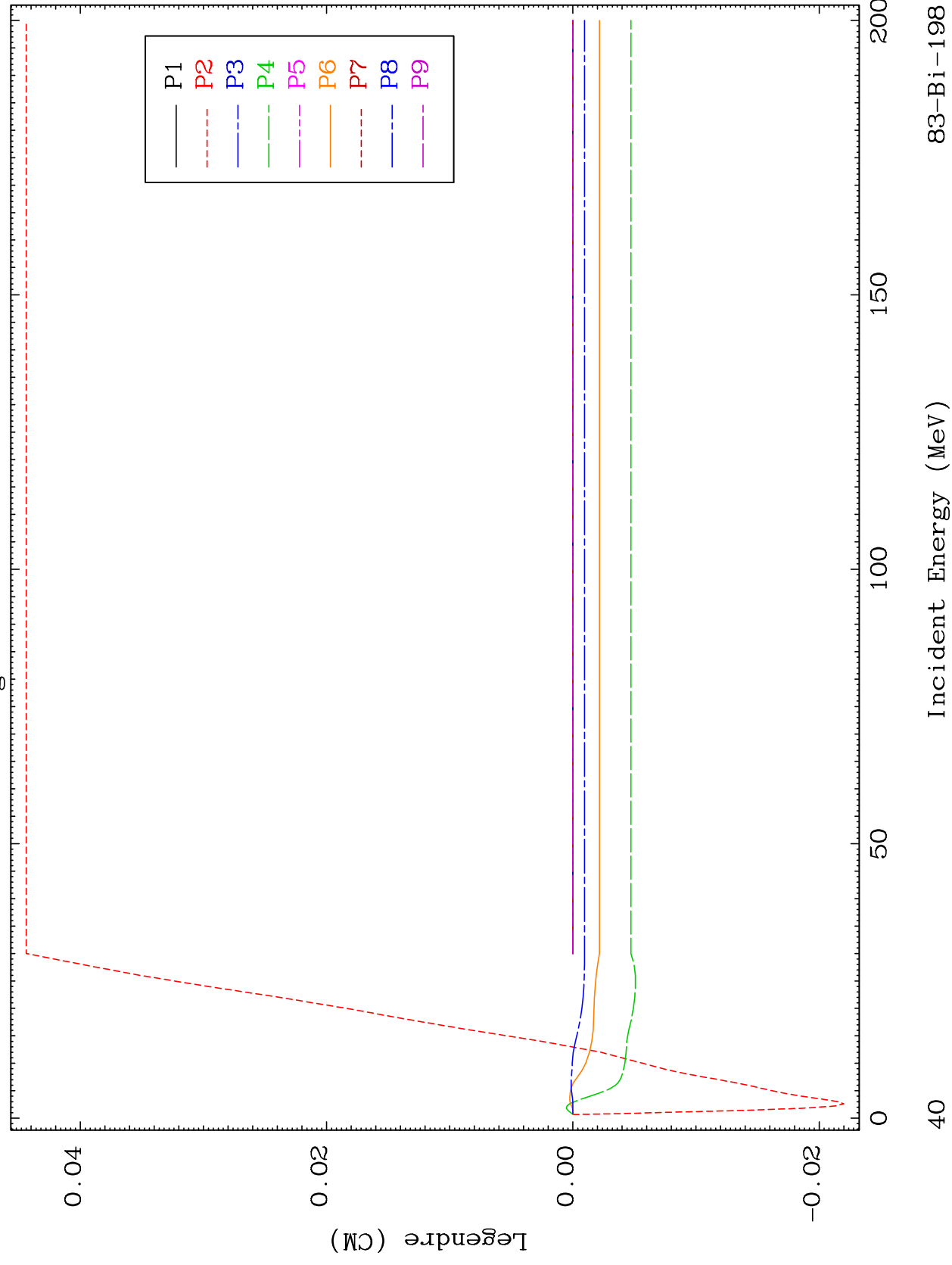




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MT= 57 (n, n') Level
Legendre Coefficients

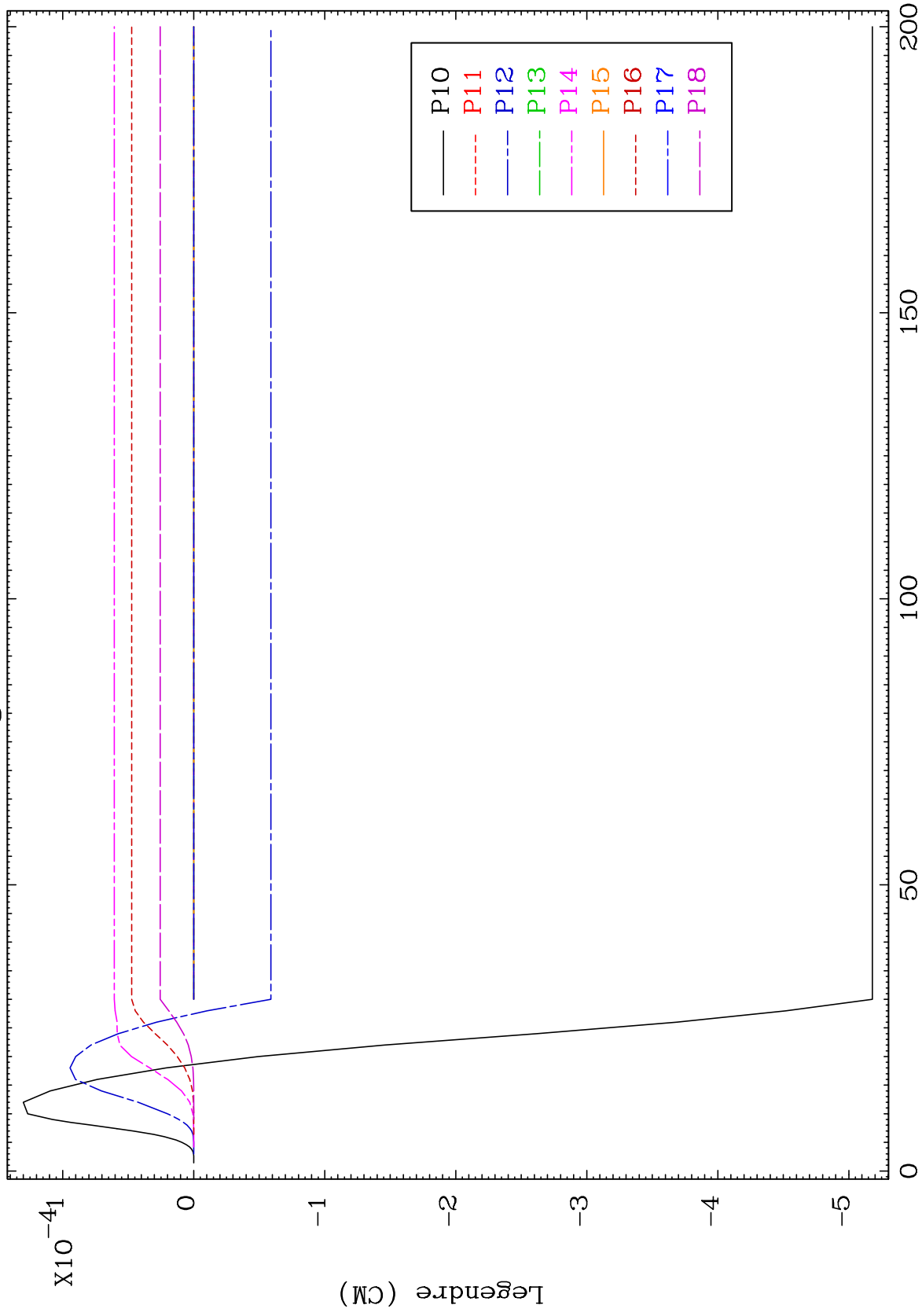
83-Bi-198



MAT 8292

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

83-Bi-198



41

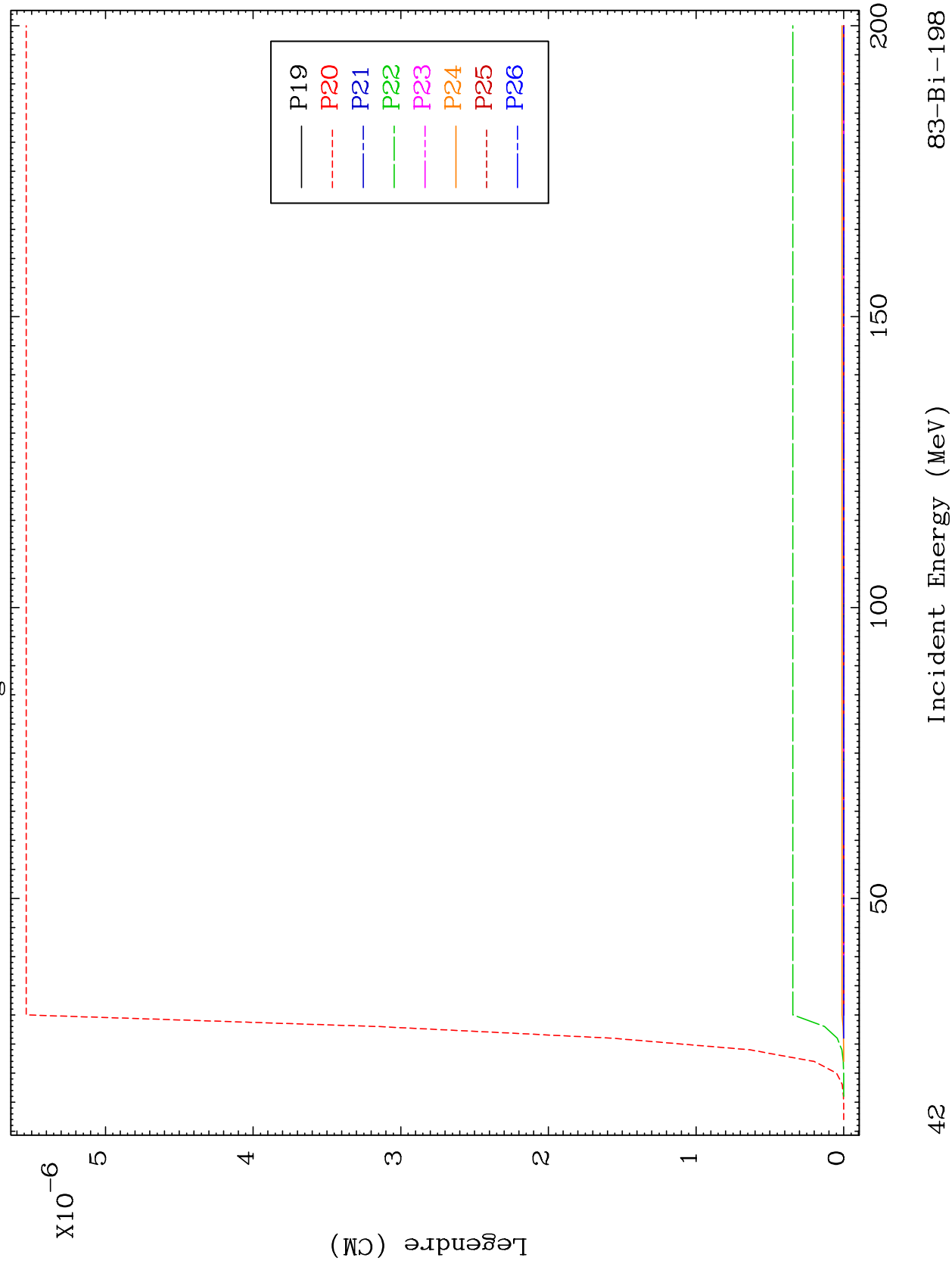
Incident Energy (MeV)

83-Bi-198

MAT 8292

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

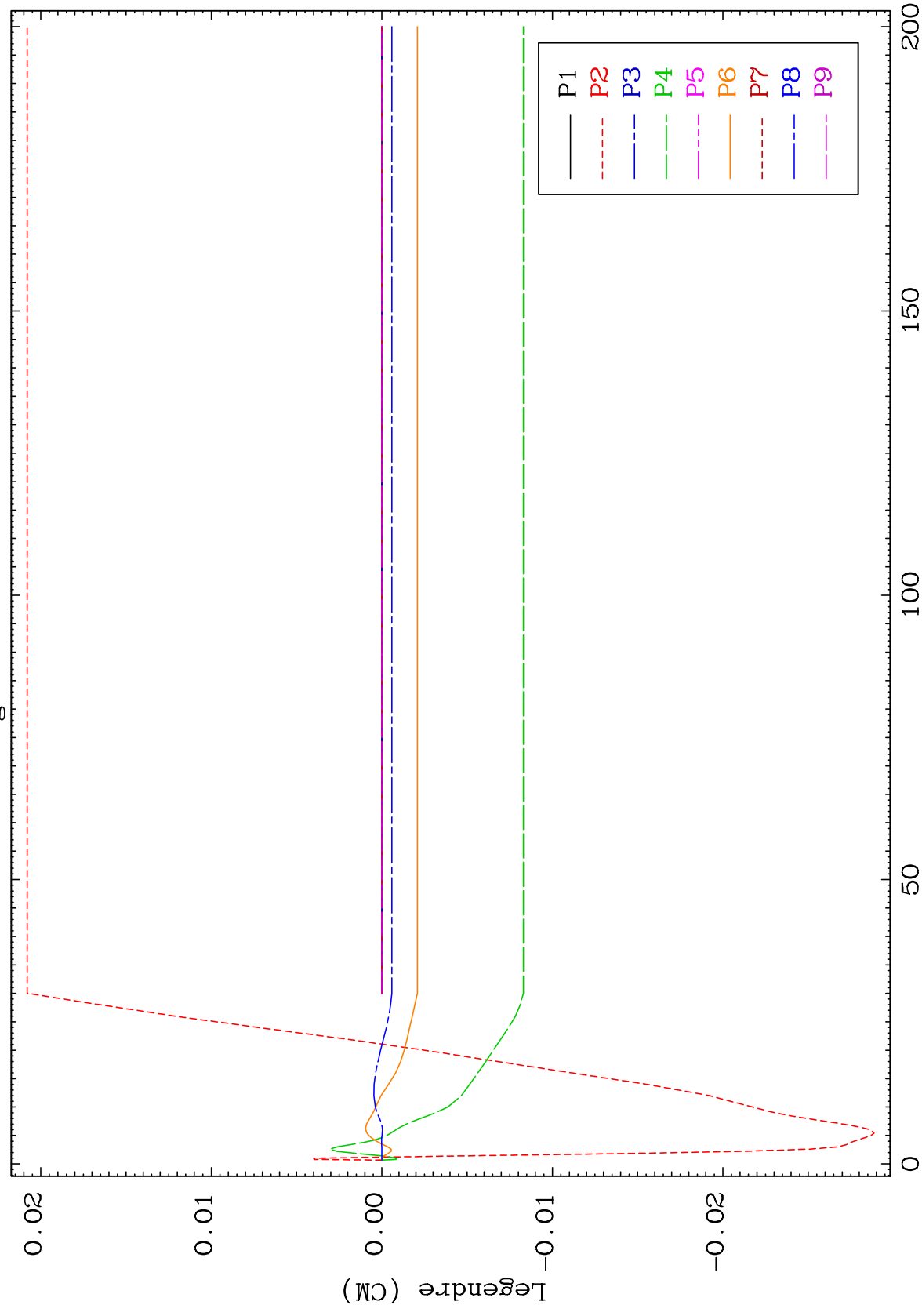
83-Bi-198



MAT 8292

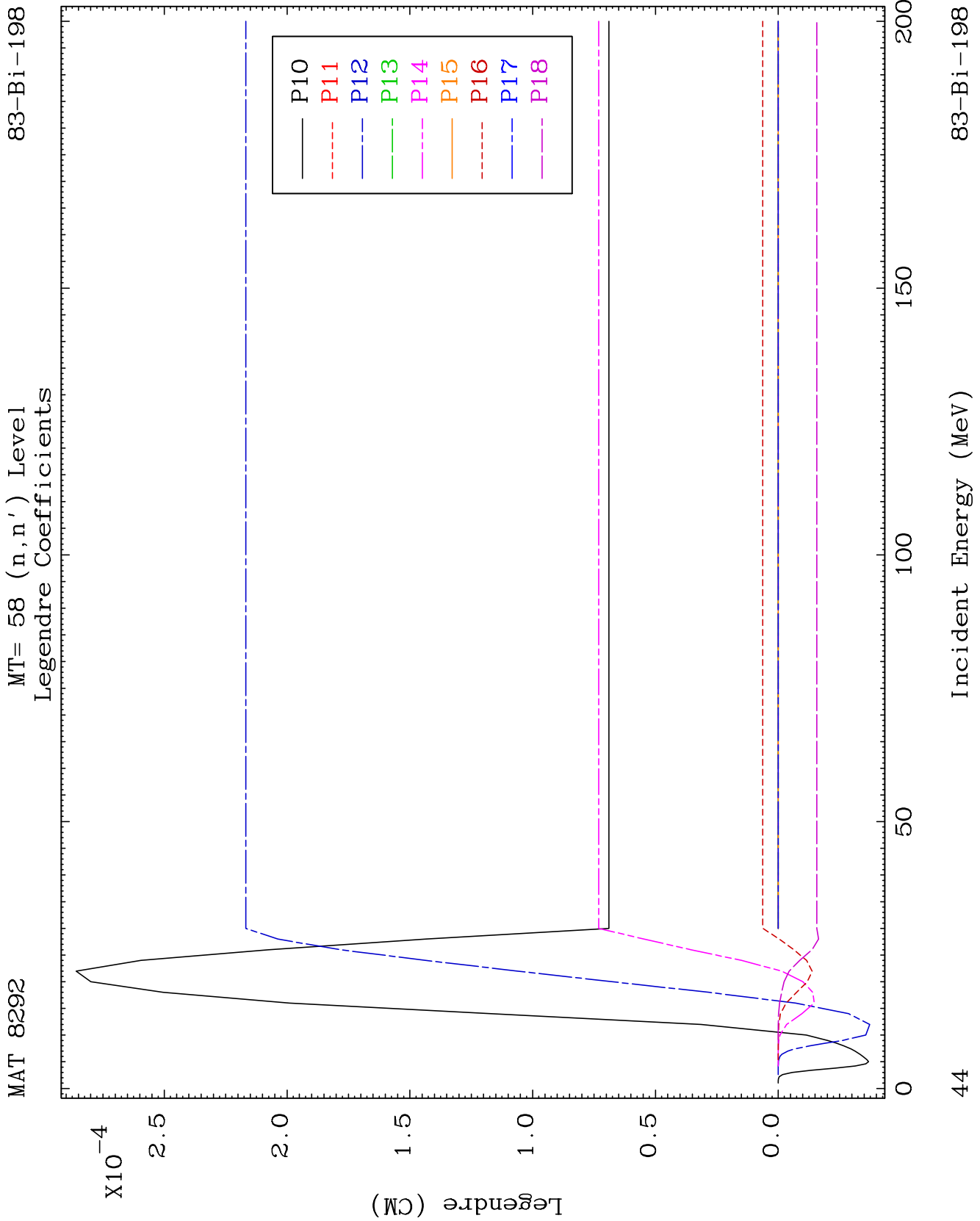
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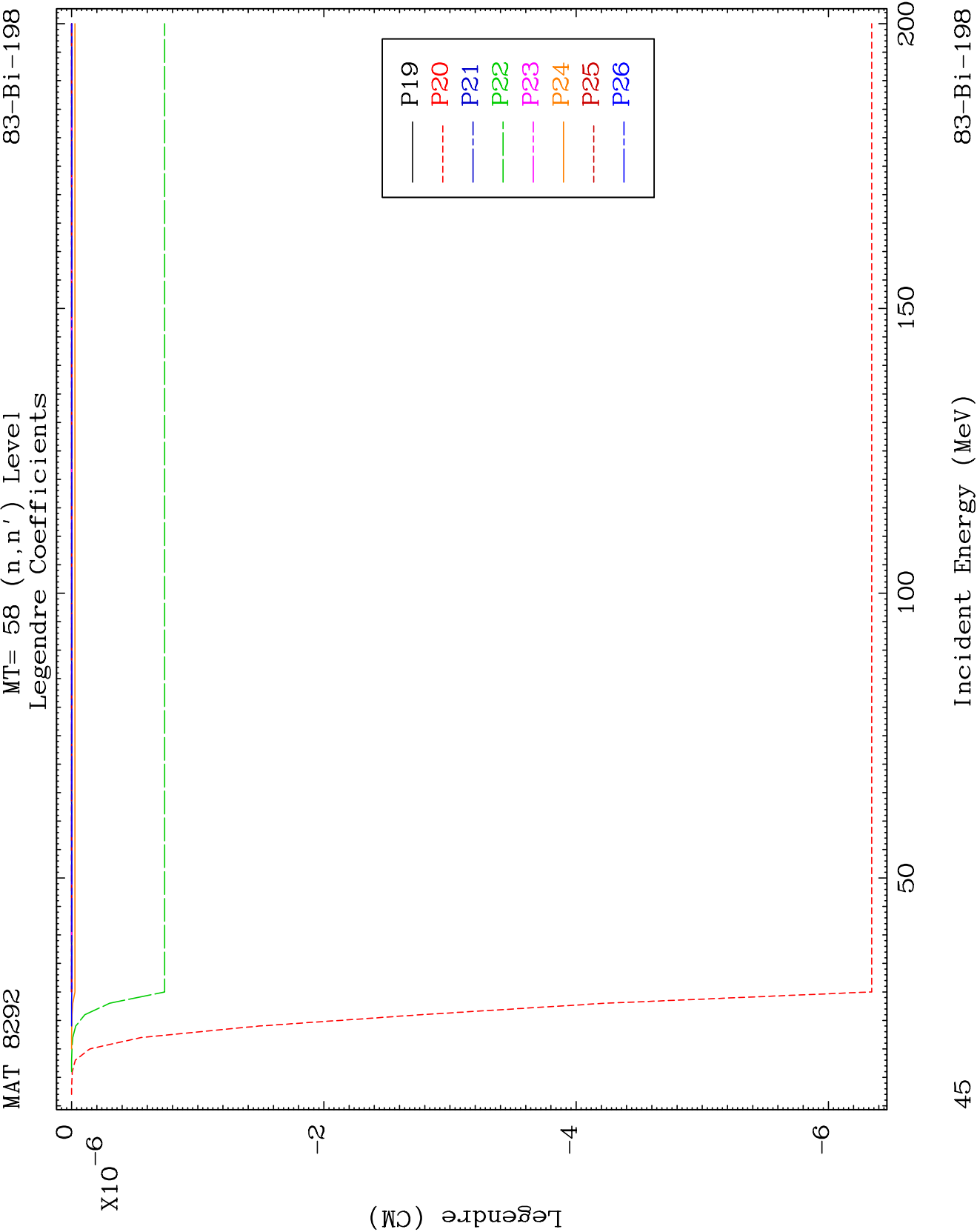
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Legendre Coefficients

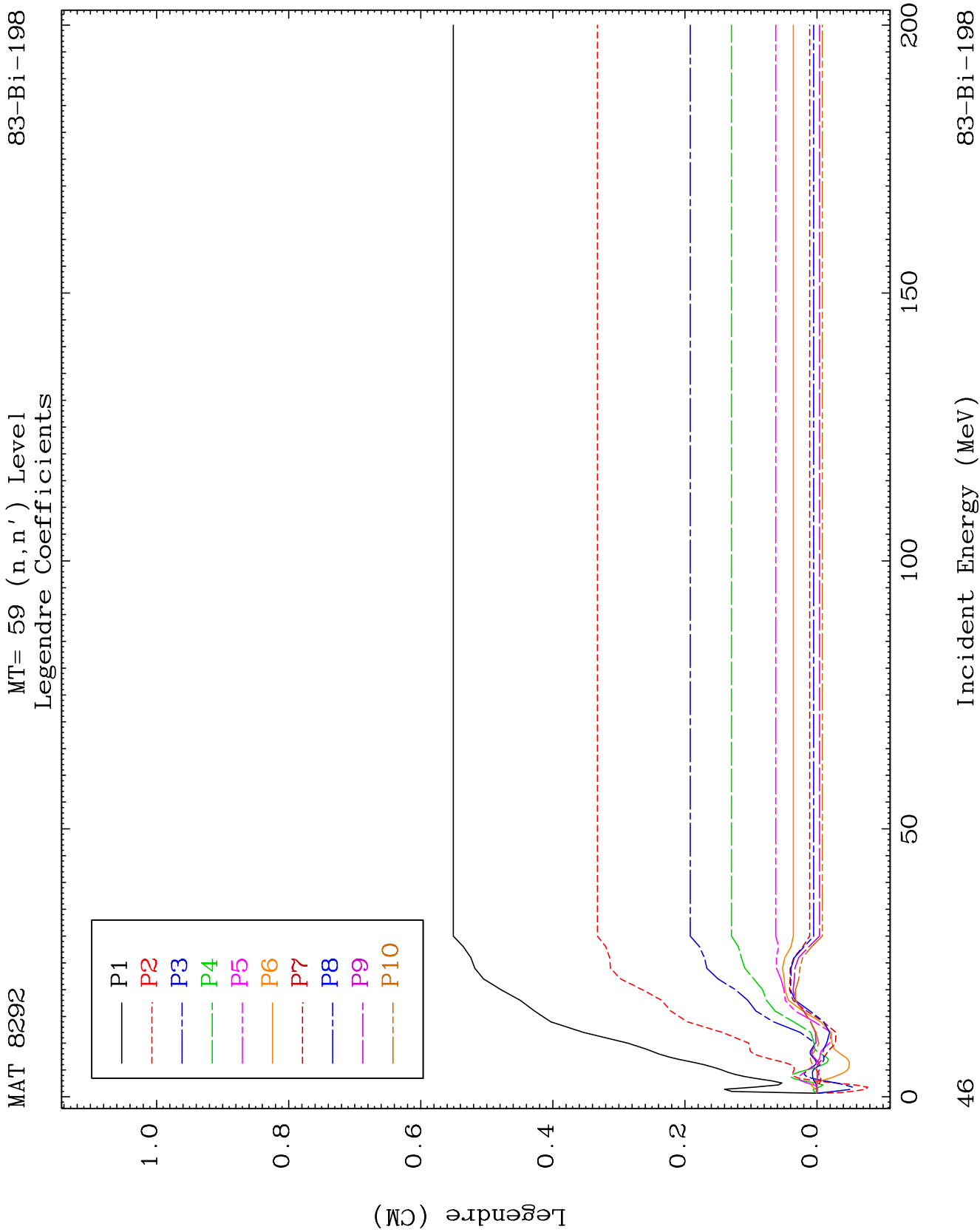


83-Bi-198

Incident Energy (MeV)



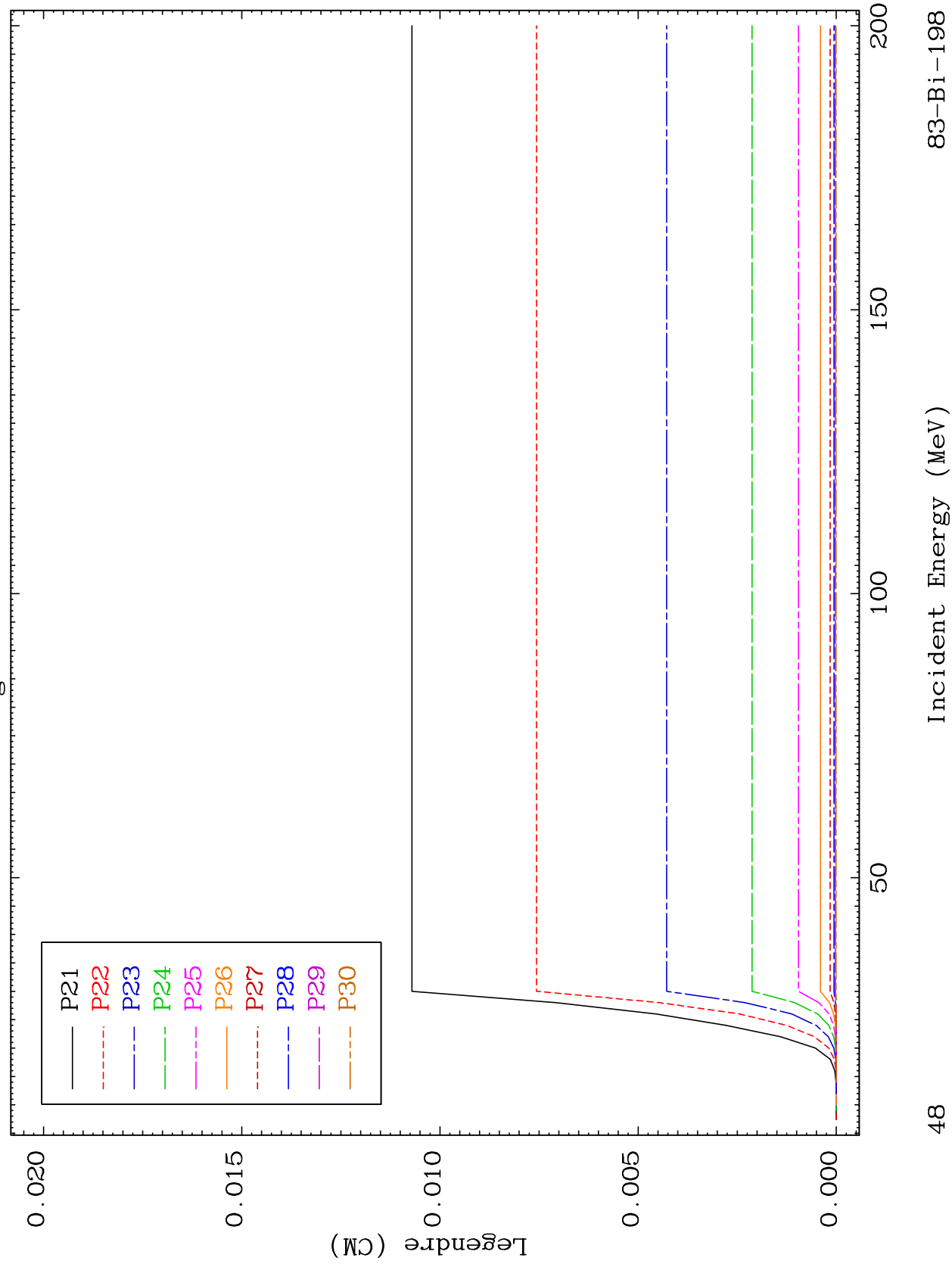


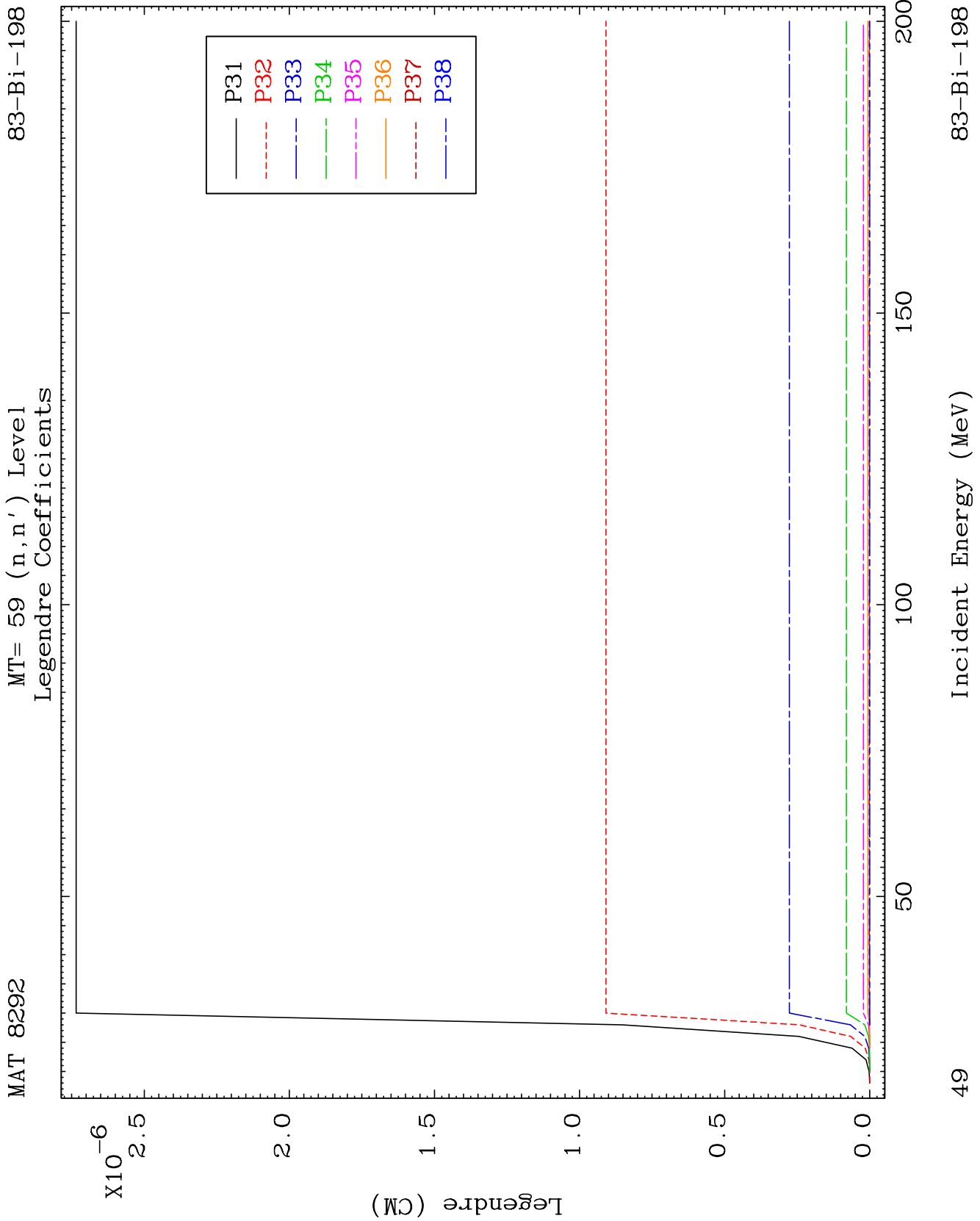


MAT 8292

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

83-Bi-198

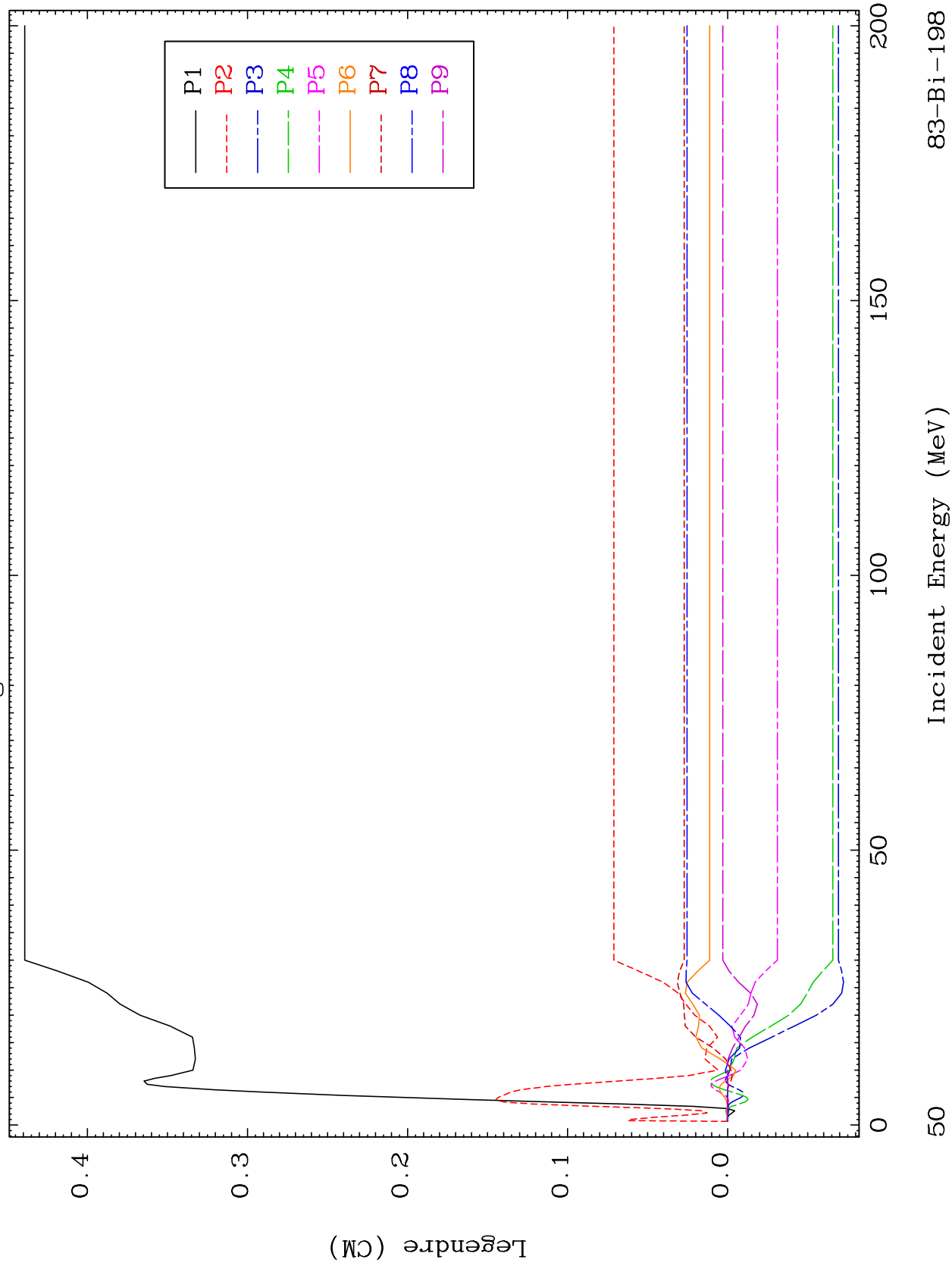




MAT 8292

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

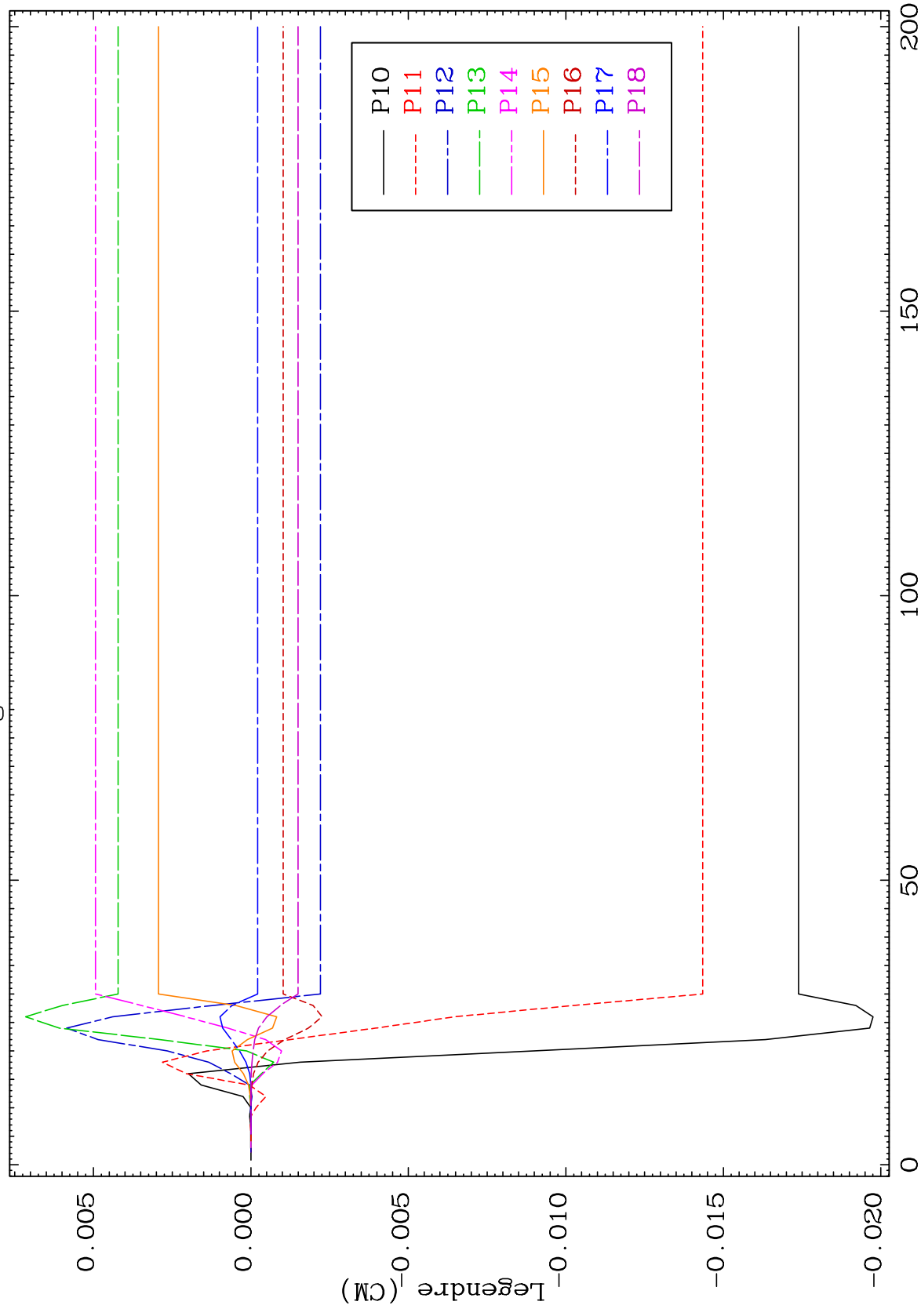
83-Bi-198



MAT 8292

83-Bi-198

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



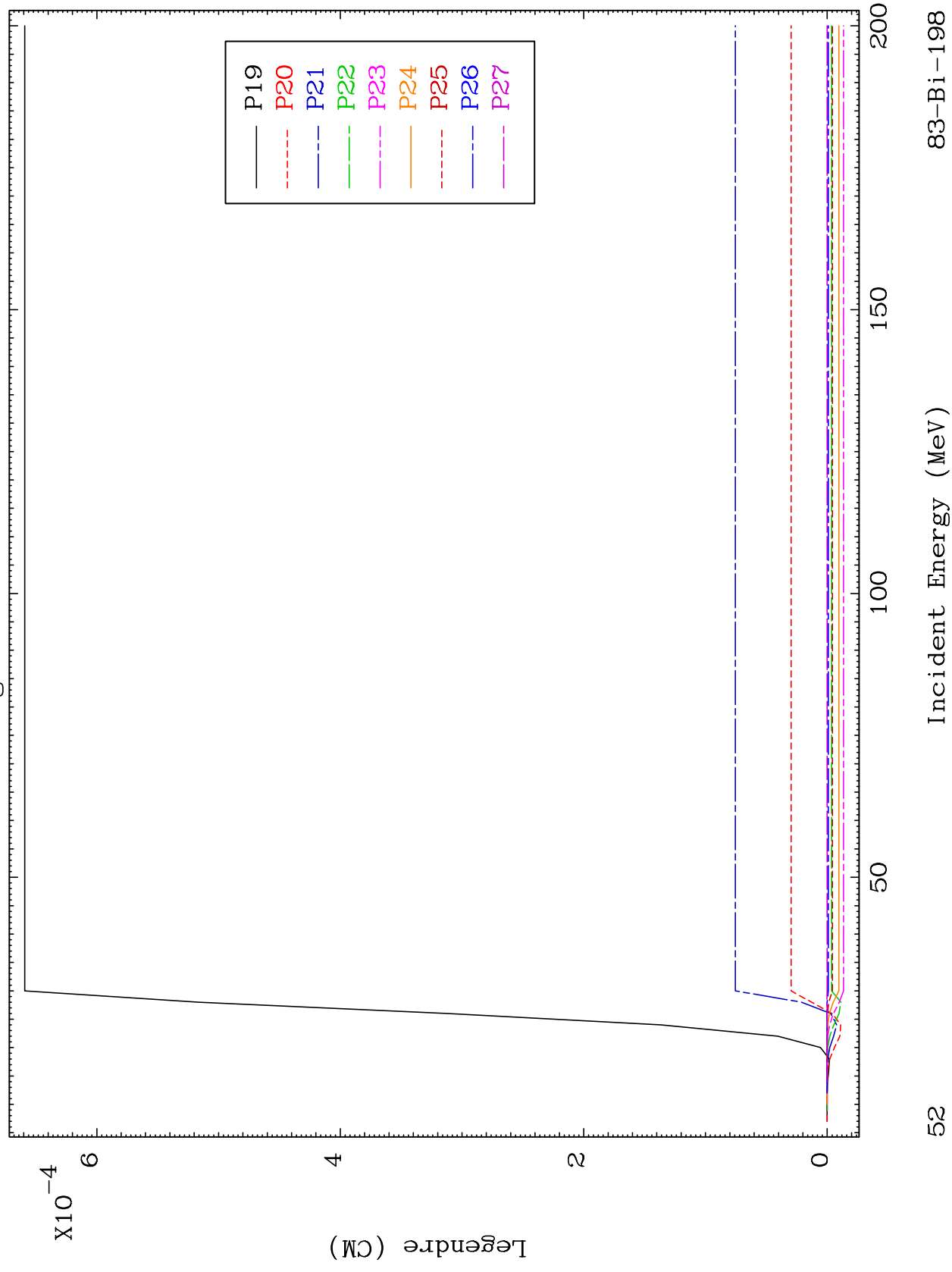
83-Bi-198

Incident Energy (MeV)

MAT 8292

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

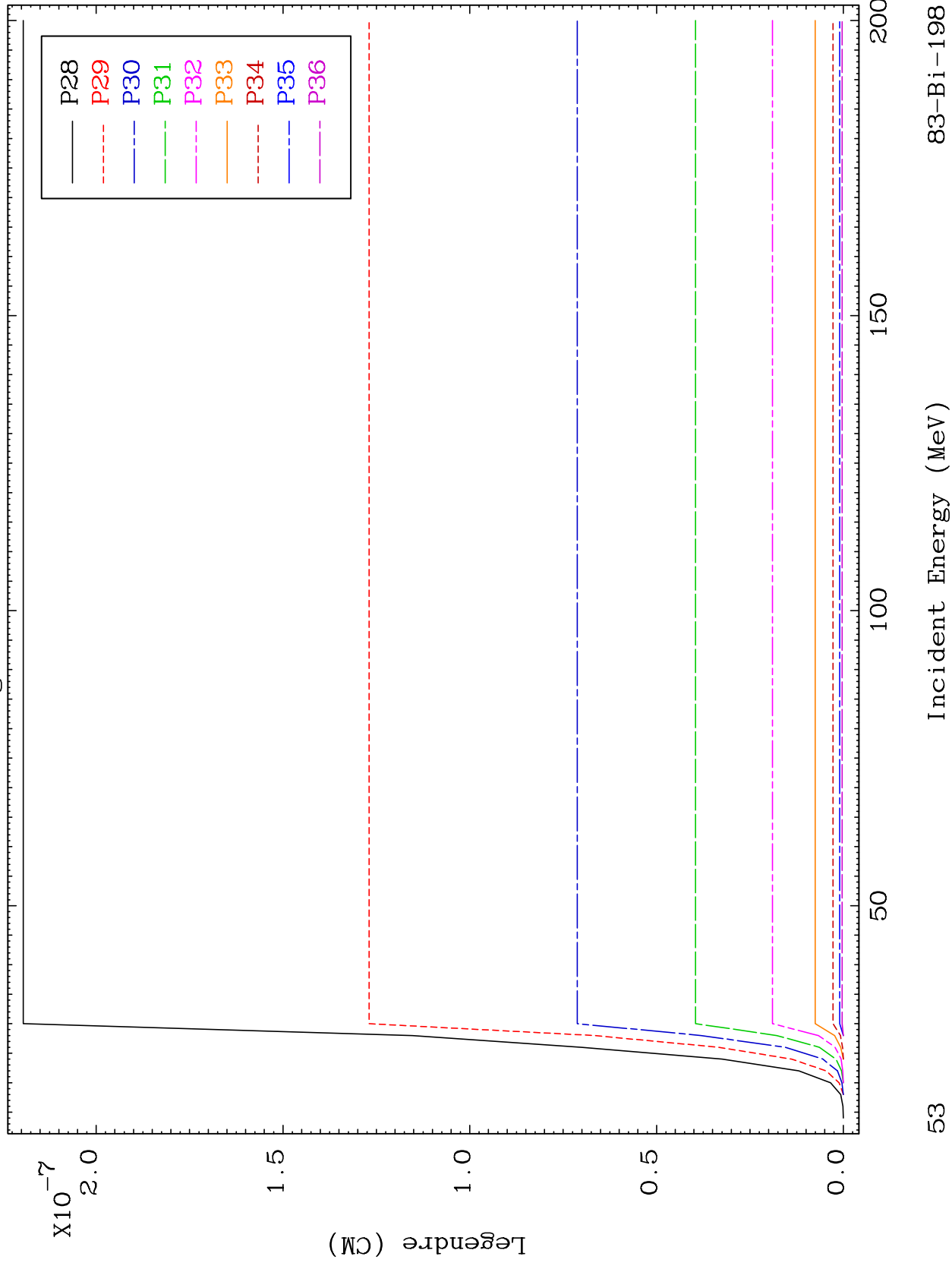
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MAT 8292

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

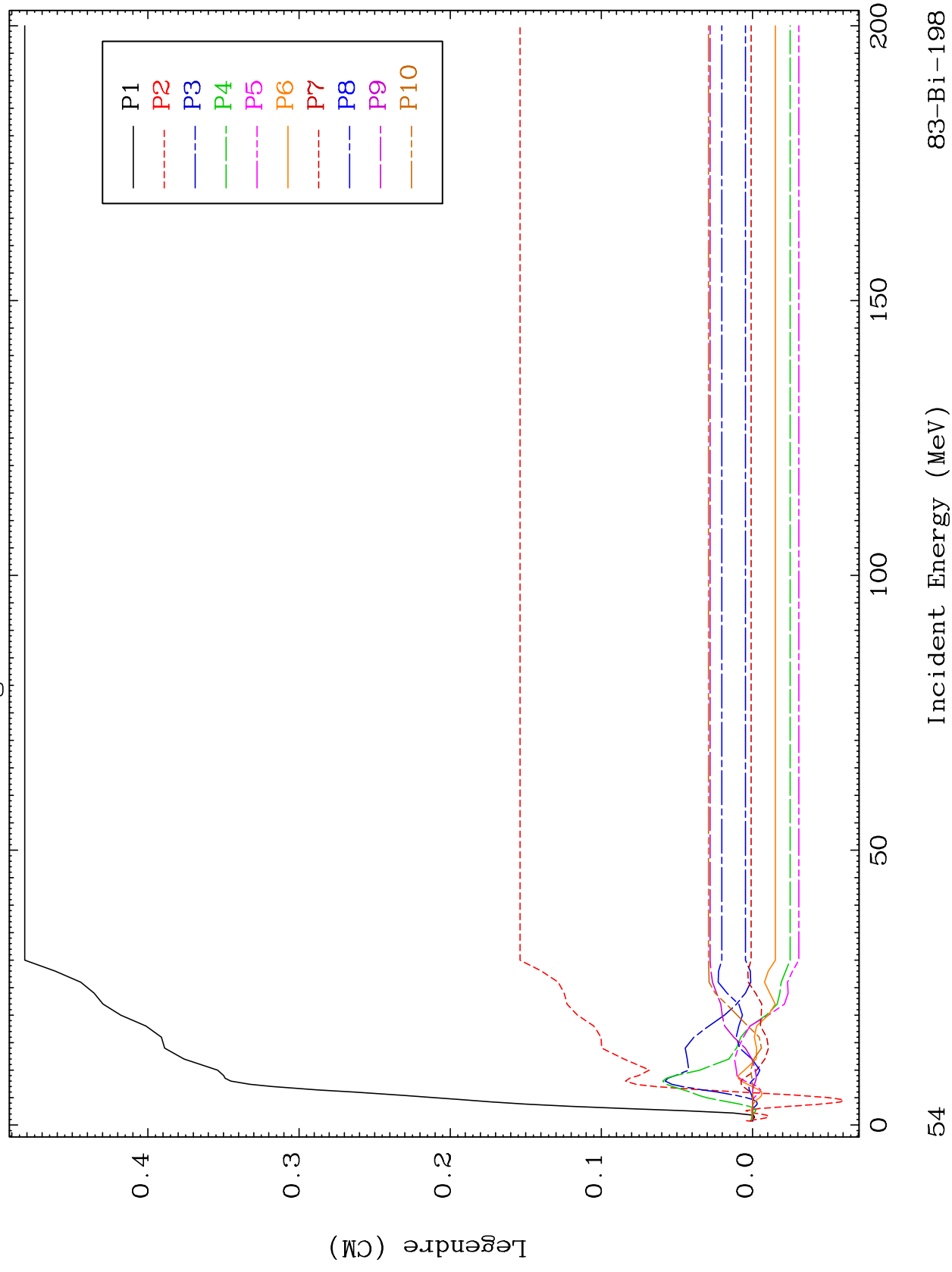
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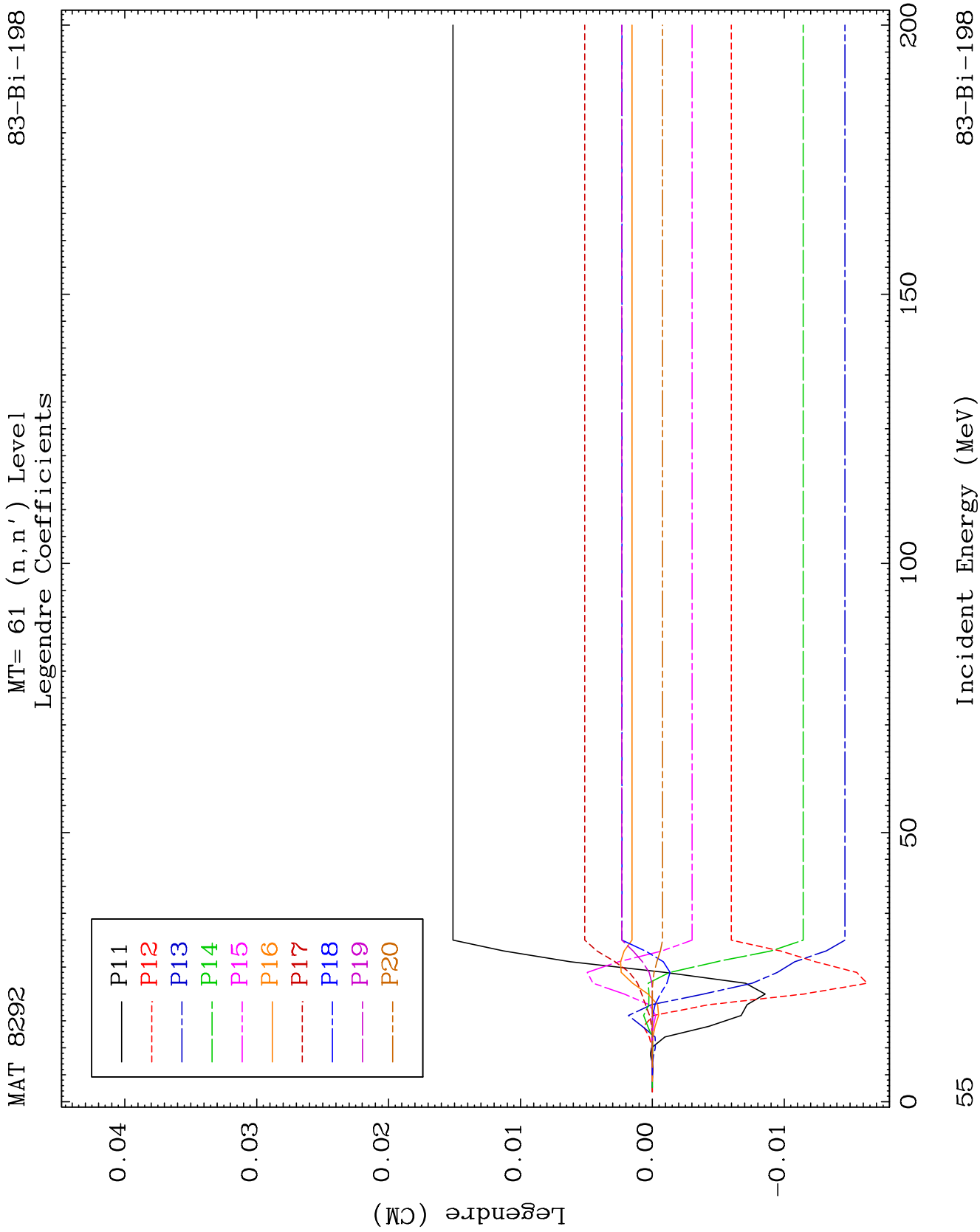


MAT 8292

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

83-Bi-198

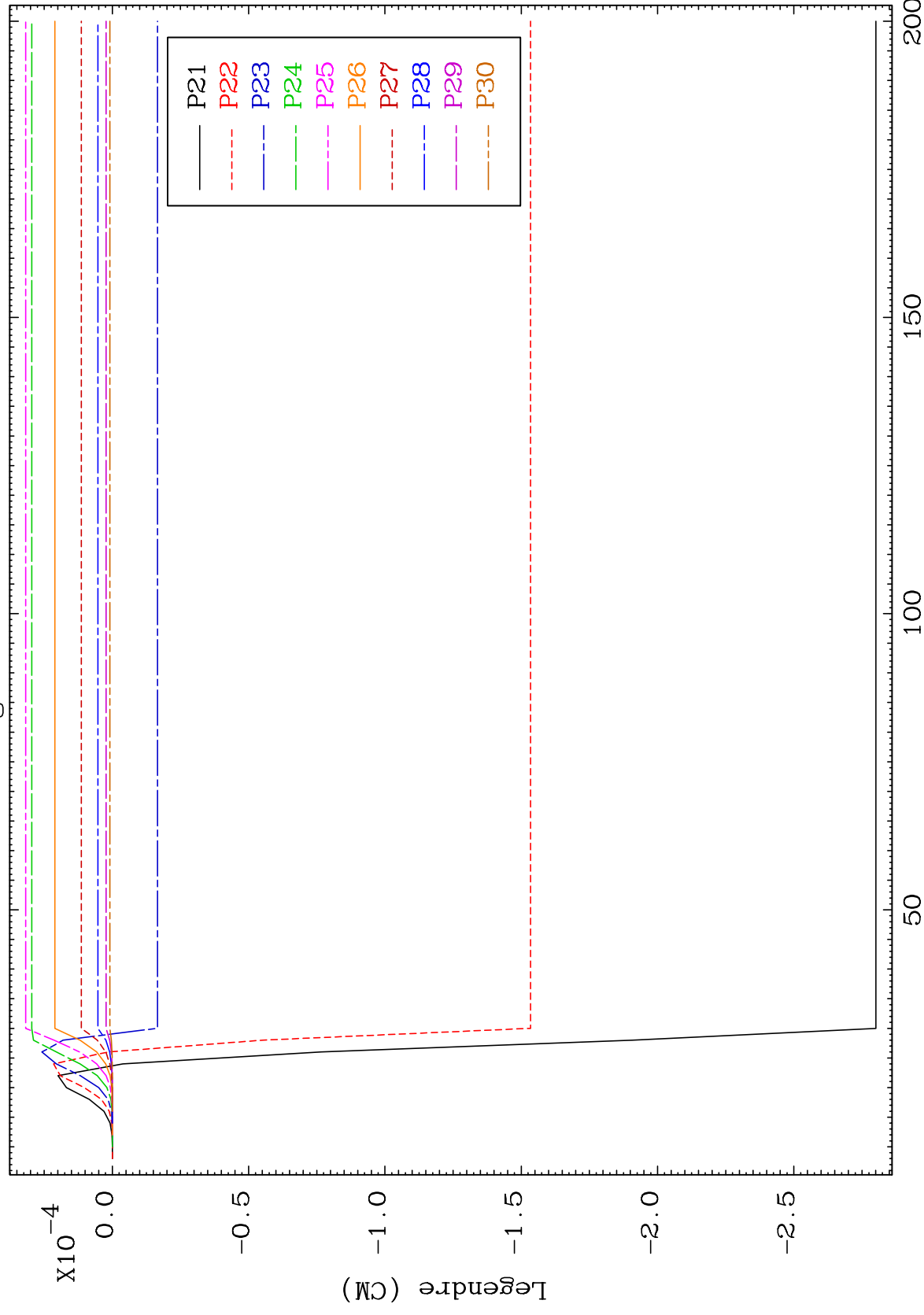




MAT 8292

83-Bi-198

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



59

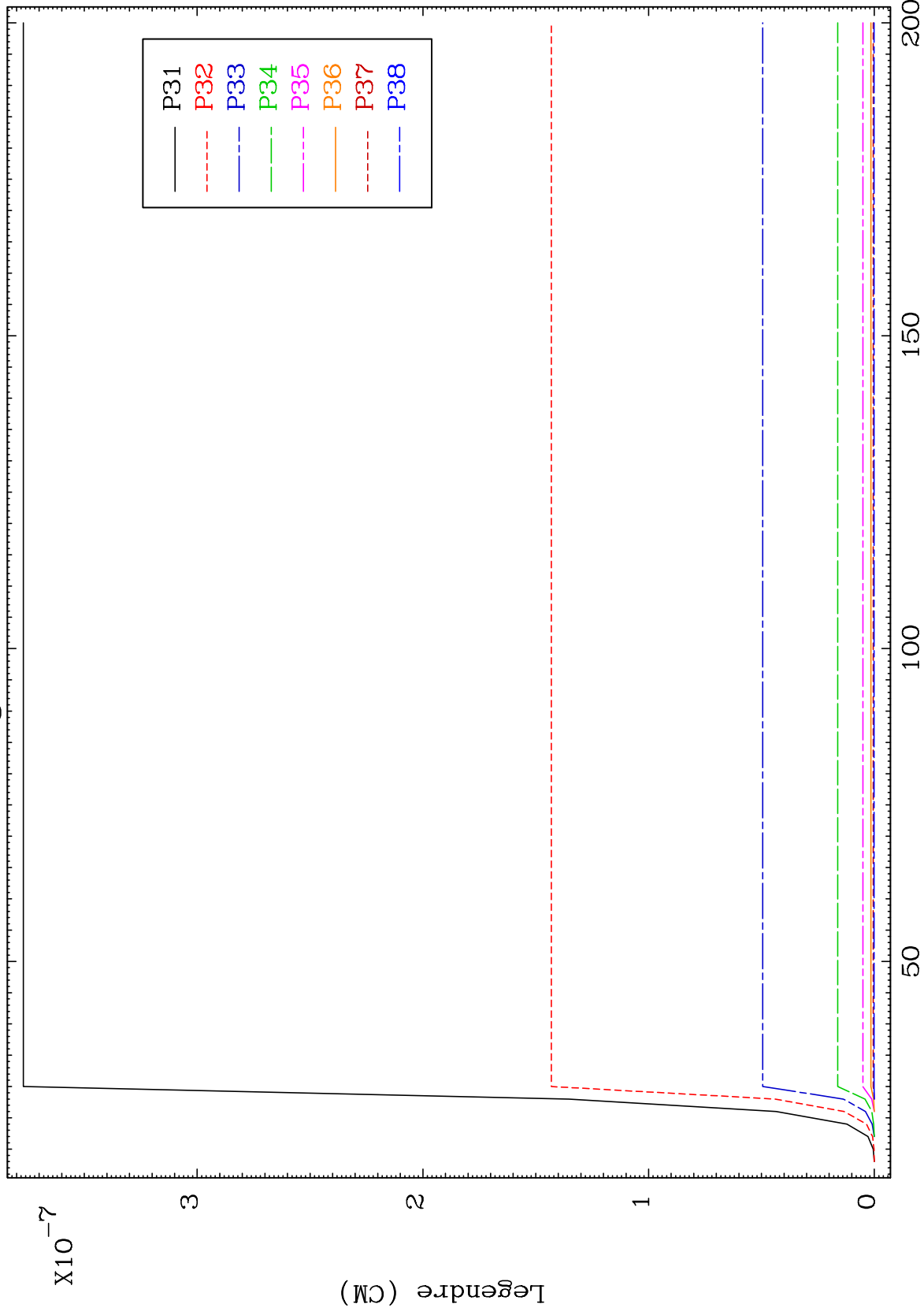
Incident Energy (MeV)

83-Bi-198

MAT 8292

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

83-Bi-198



57

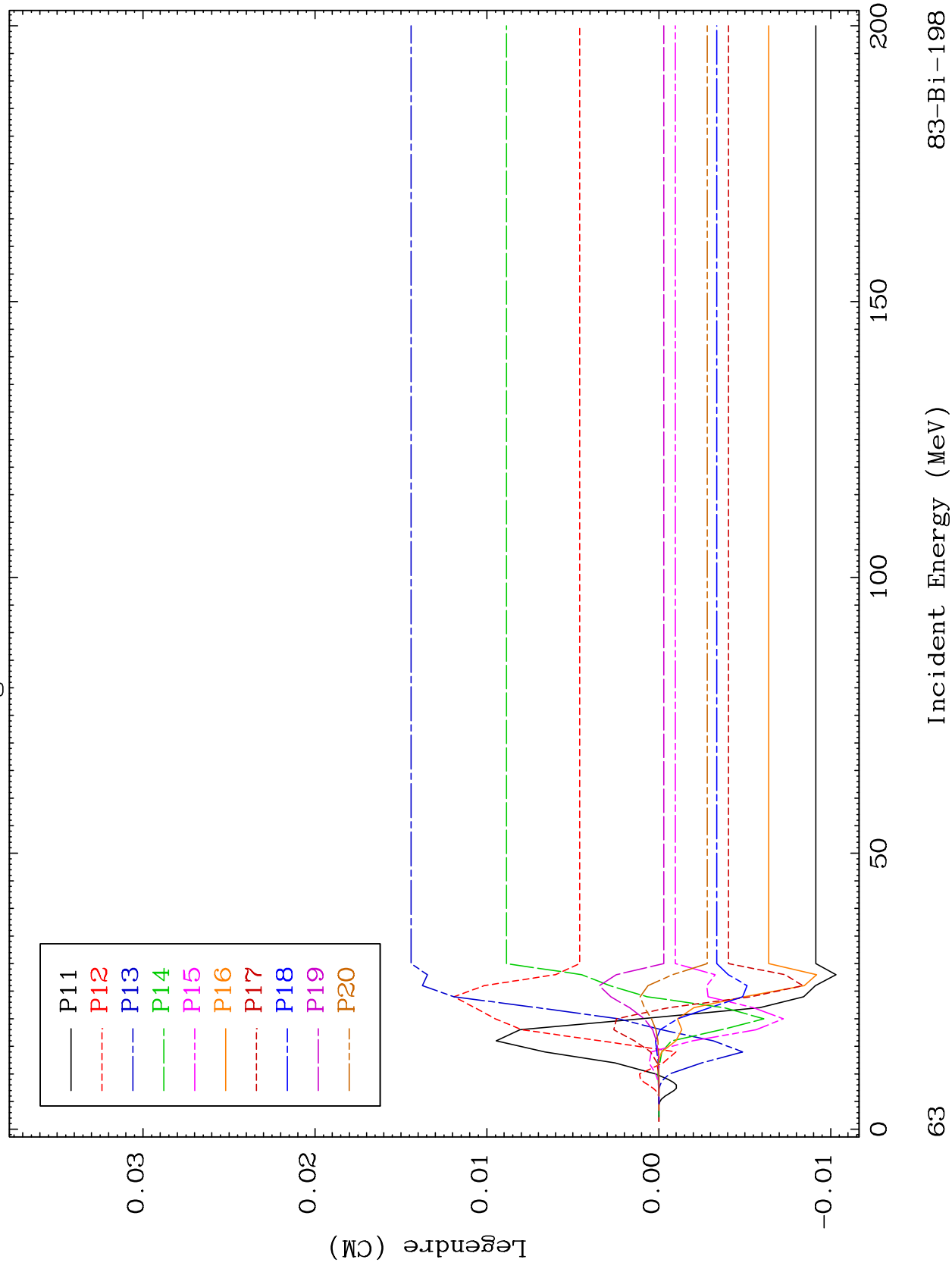
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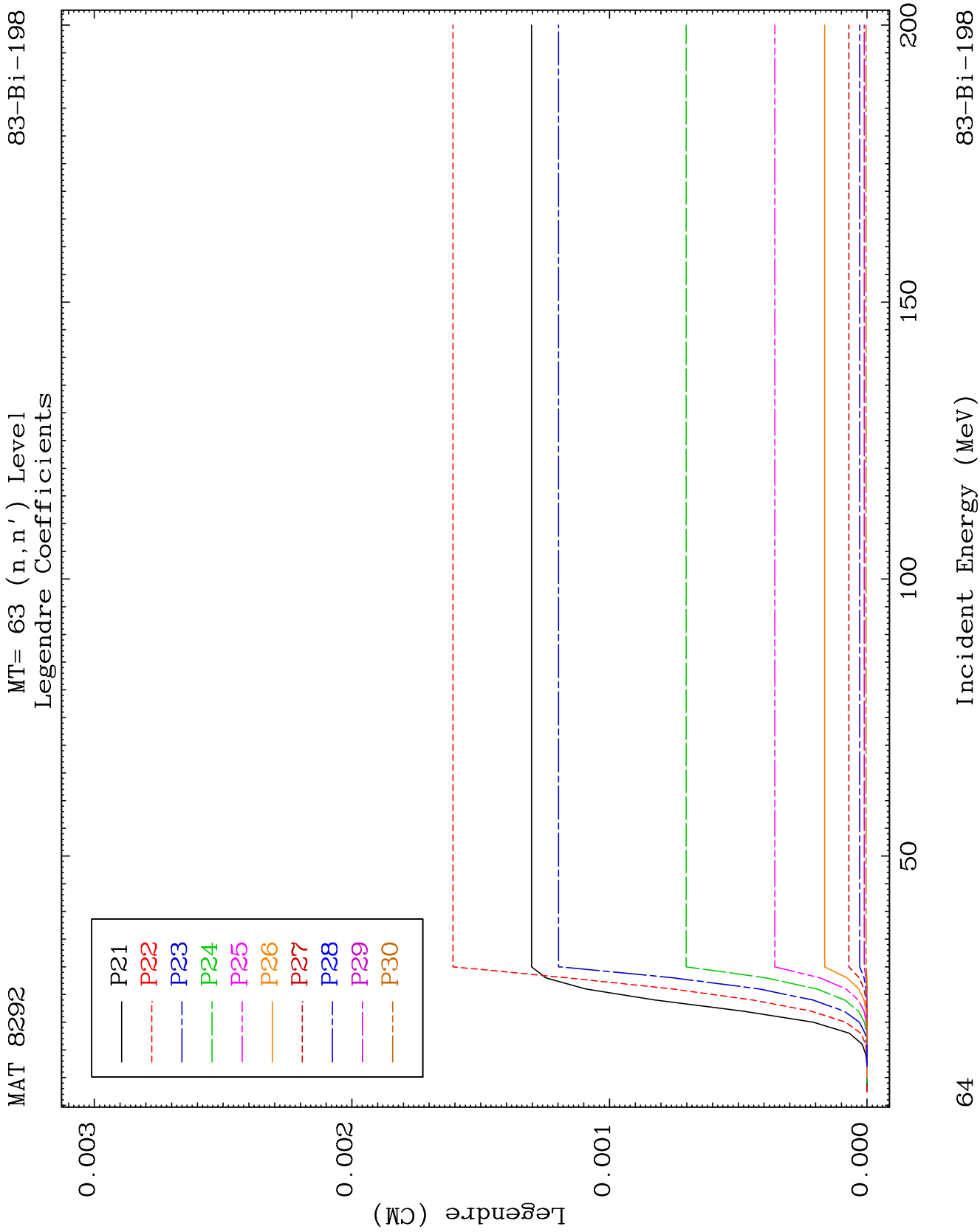
83-Bi-198

MAT 8292

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

83-Bi-198

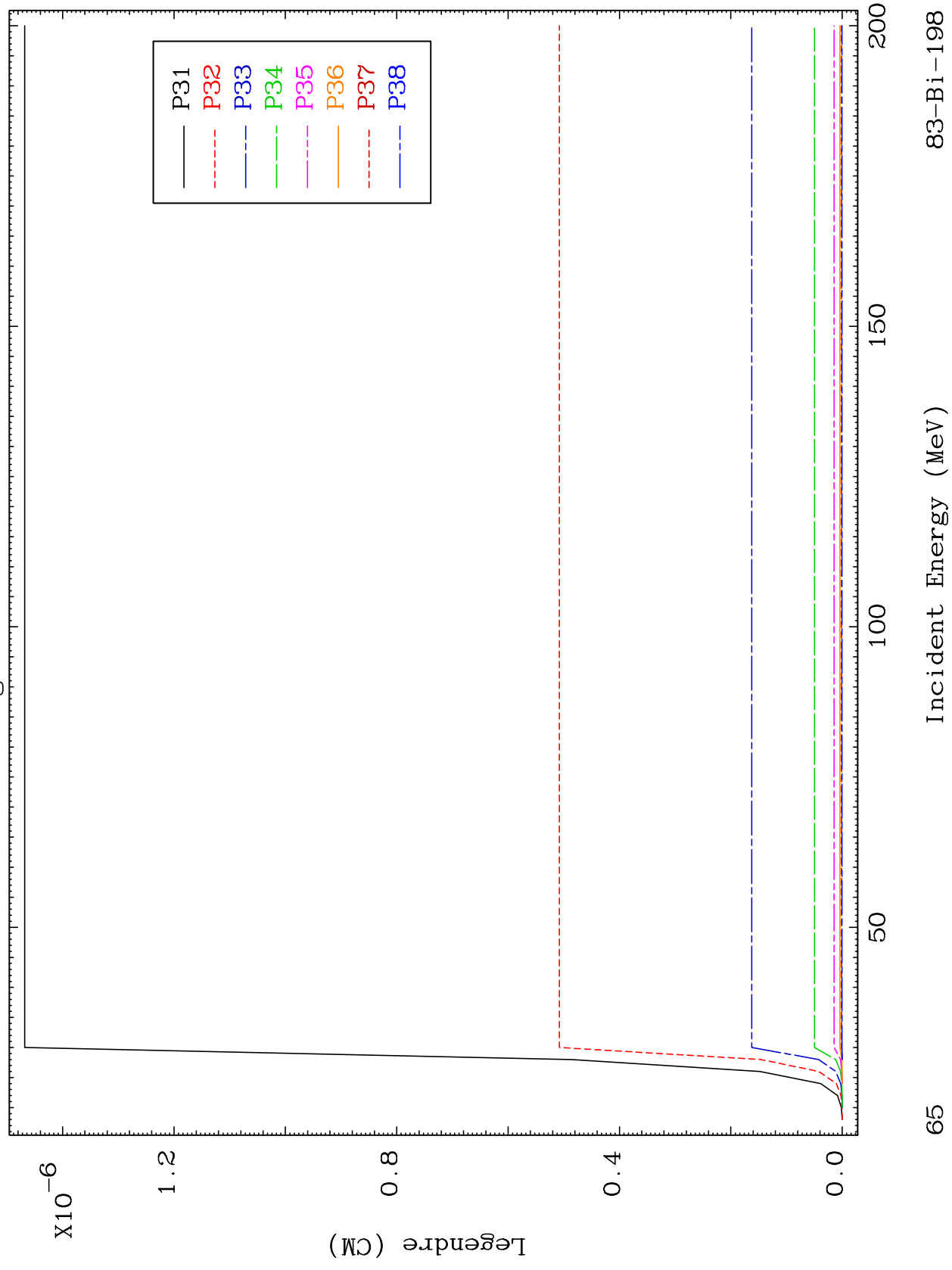


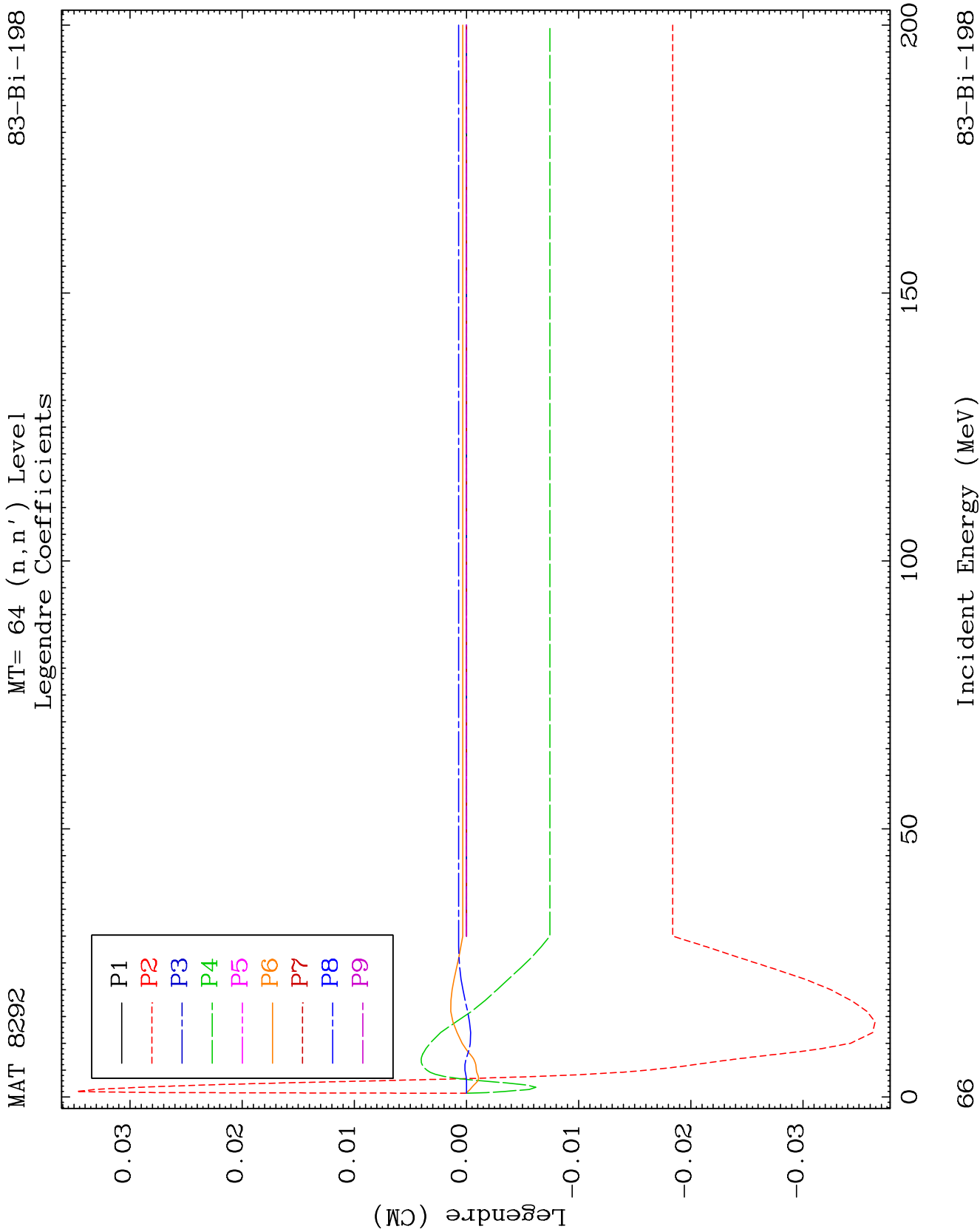


MAT 8292

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

83-Bi-198

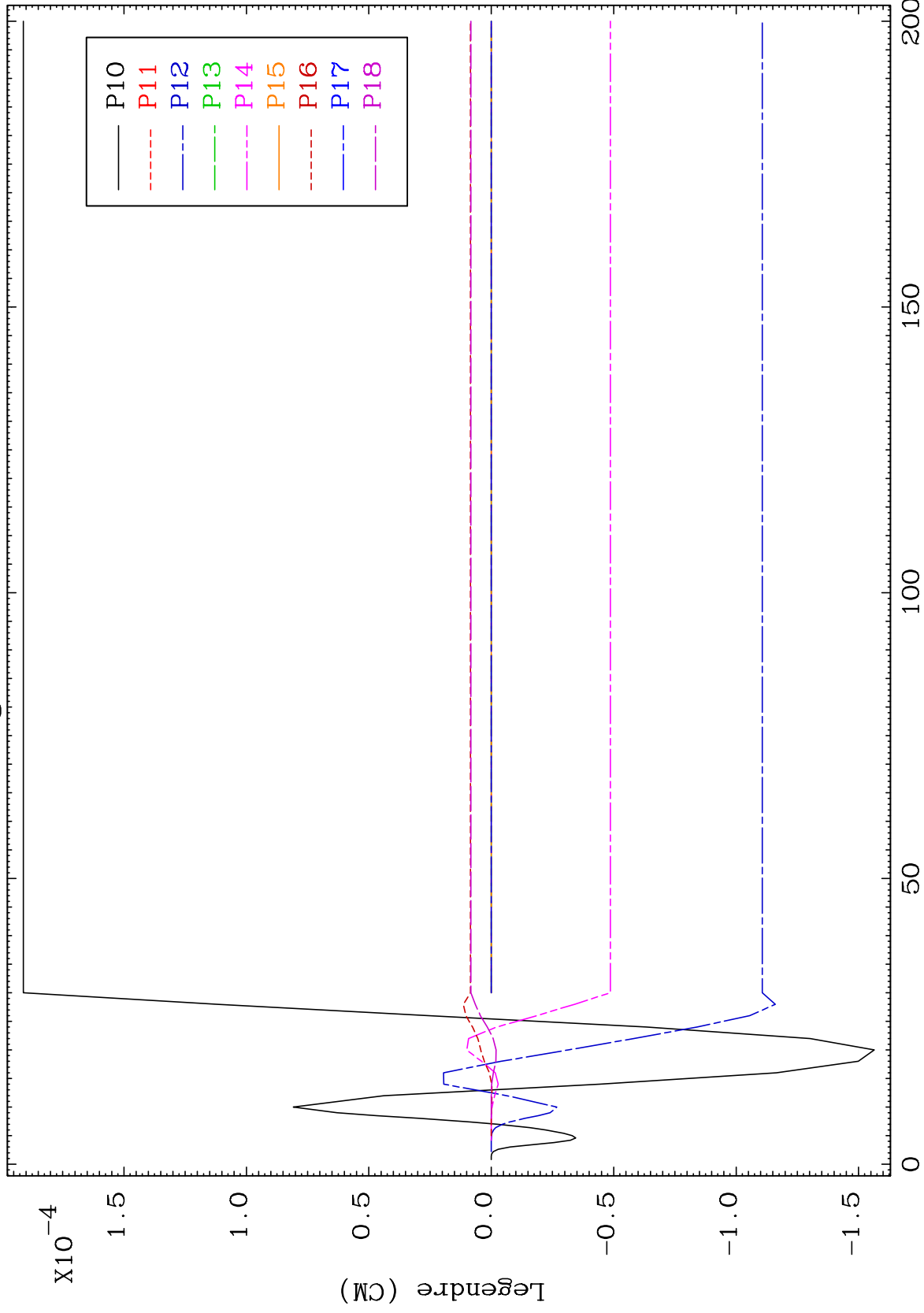




MAT 8292

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

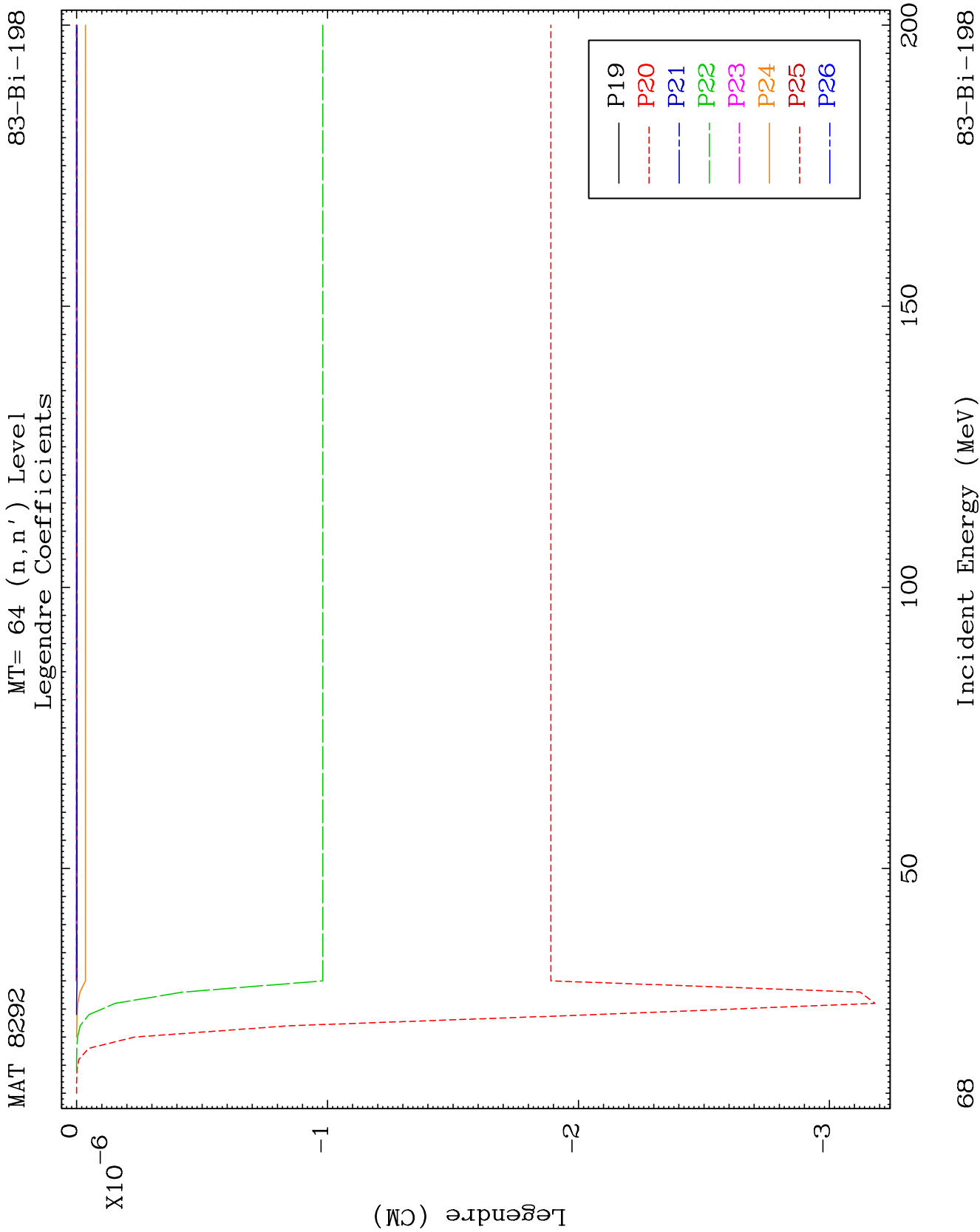
83-Bi-198



67

Incident Energy (MeV)

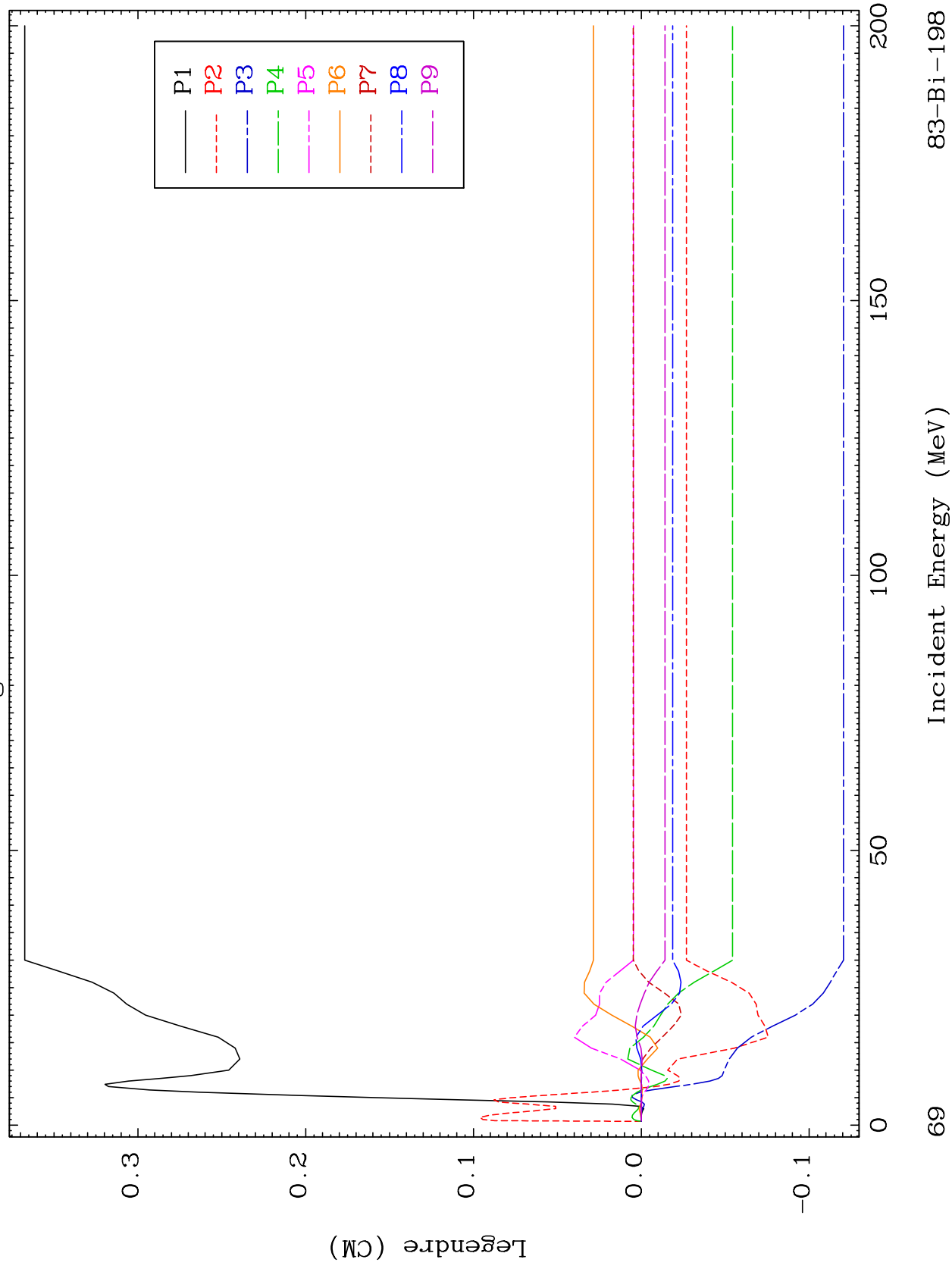
83-Bi-198

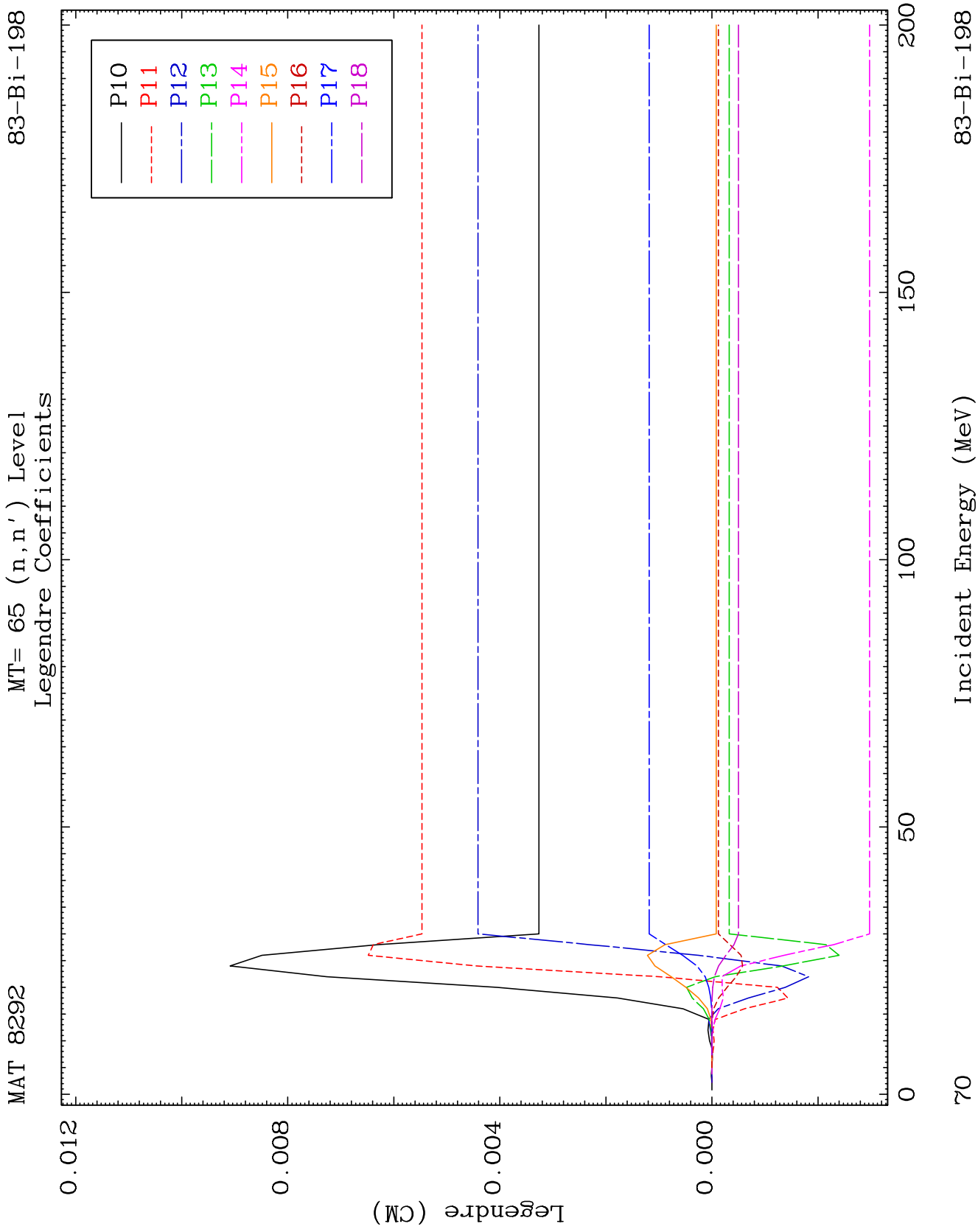


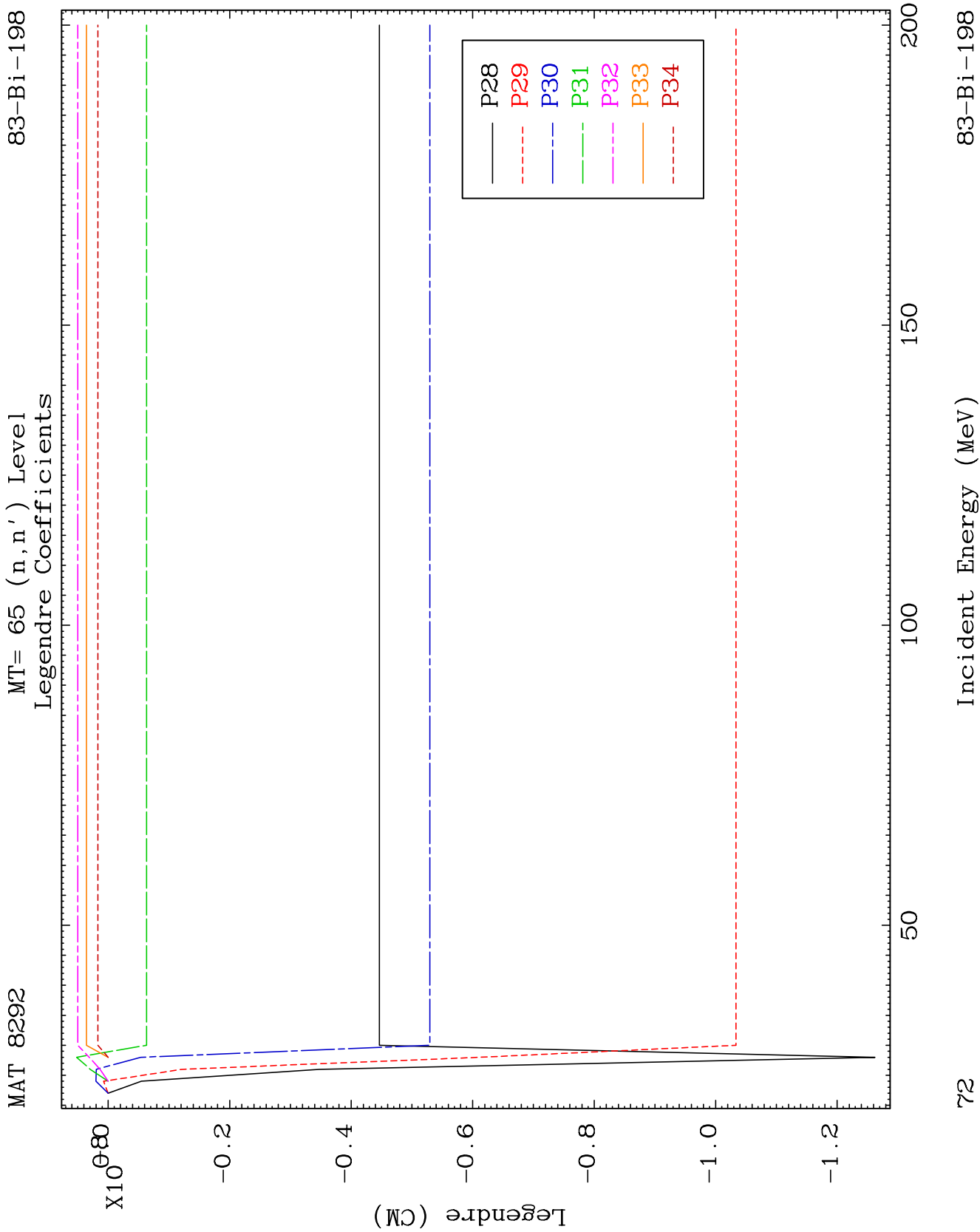
MAT 8292

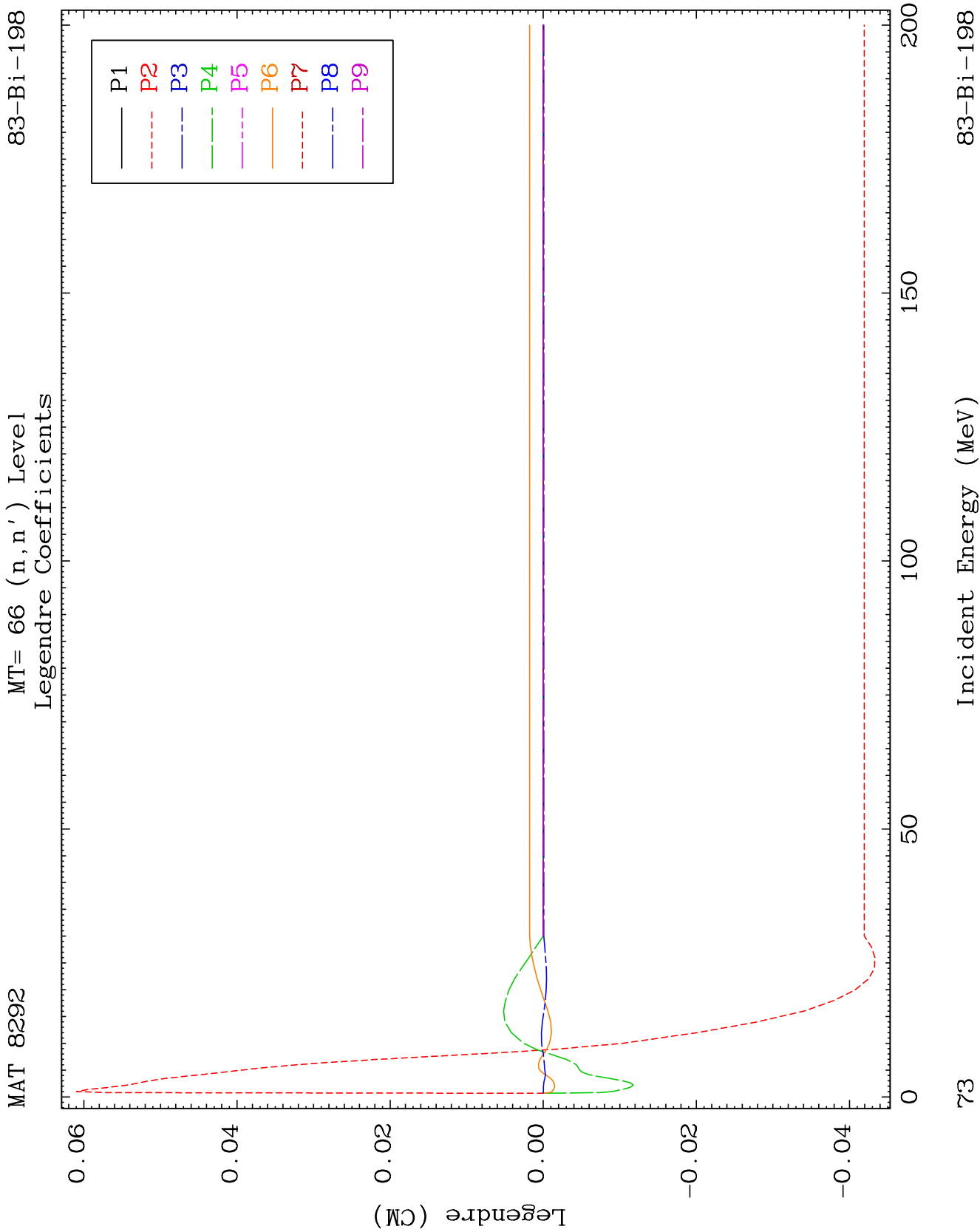
83-Bi-198

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





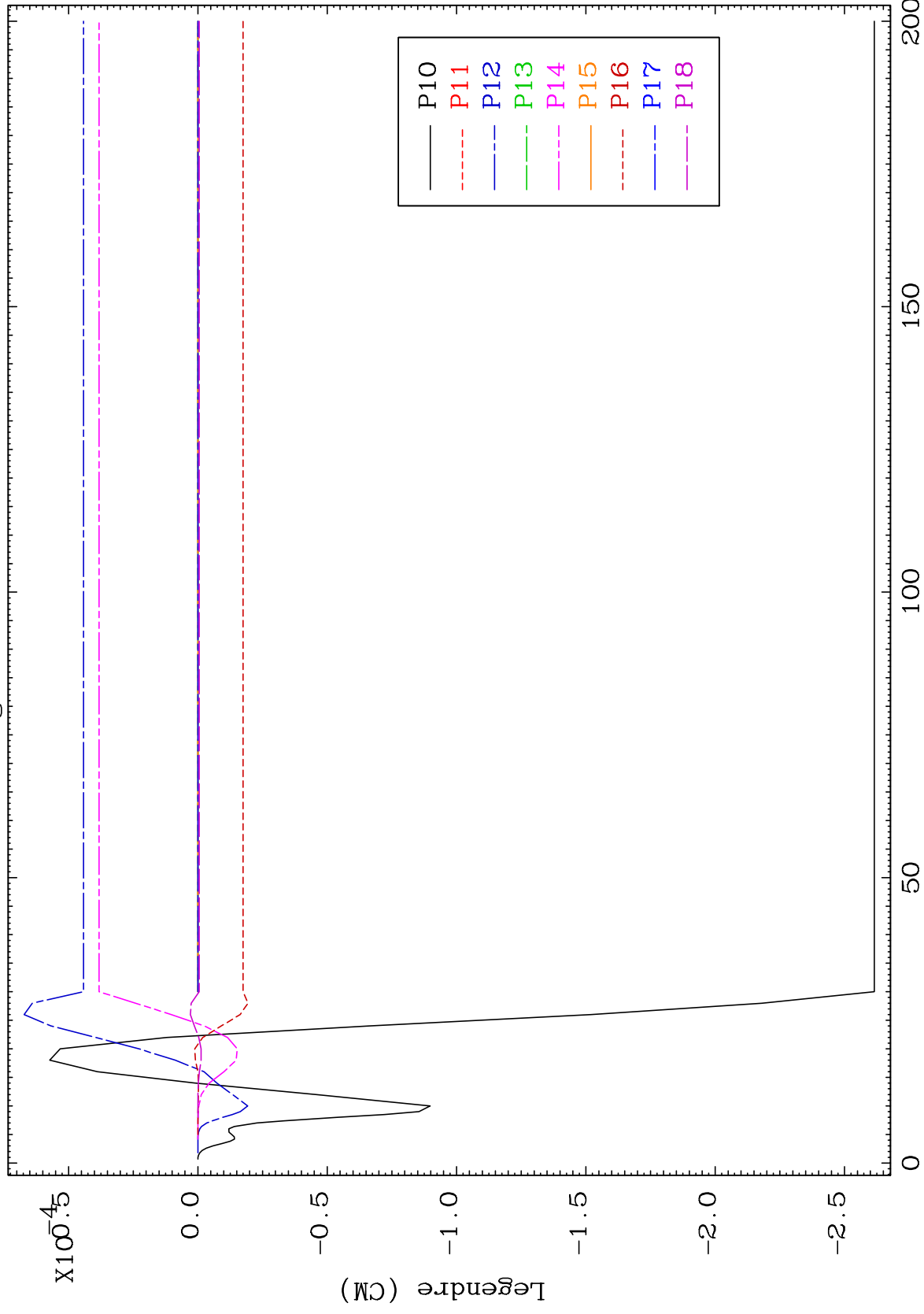




MAT 8292

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

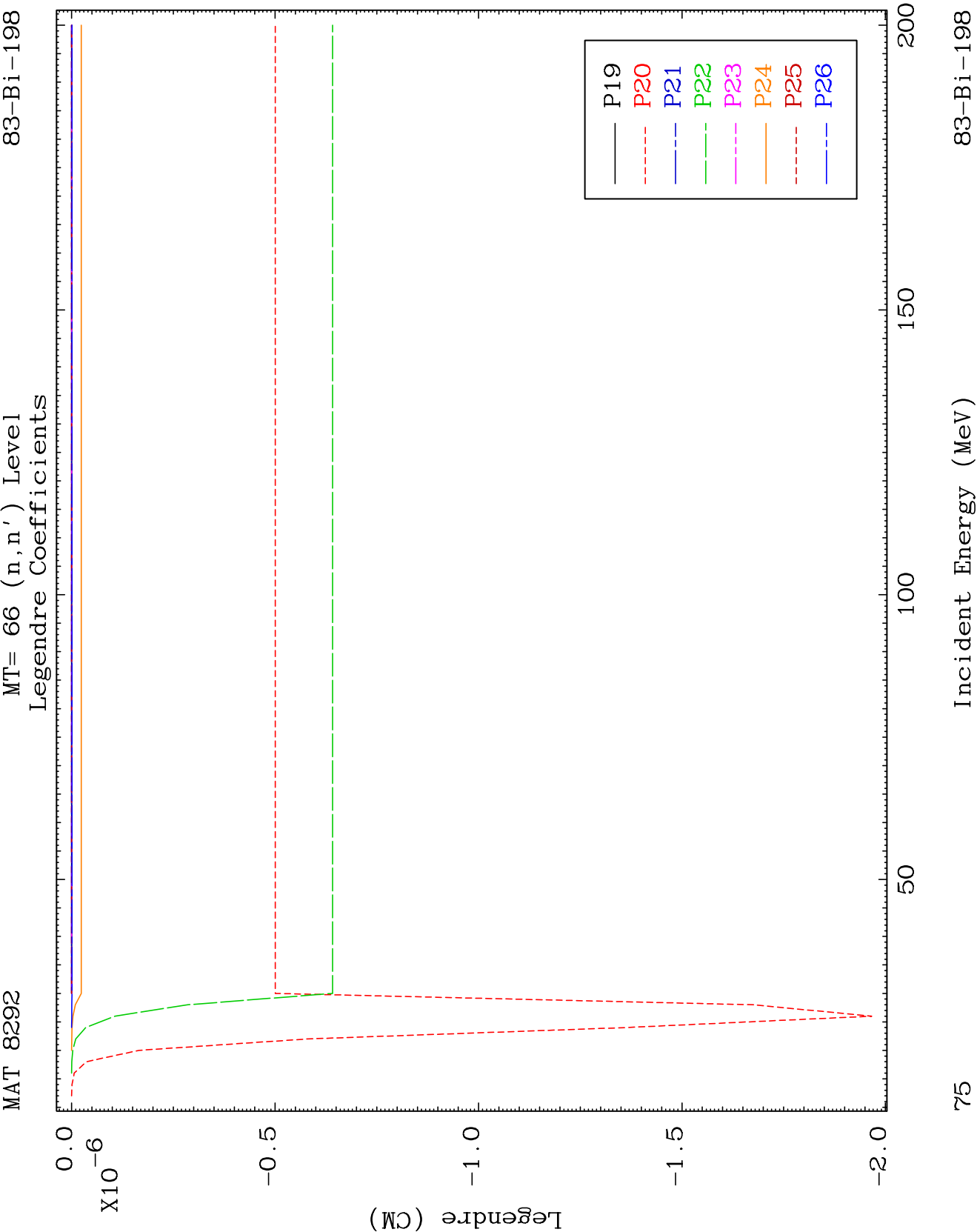
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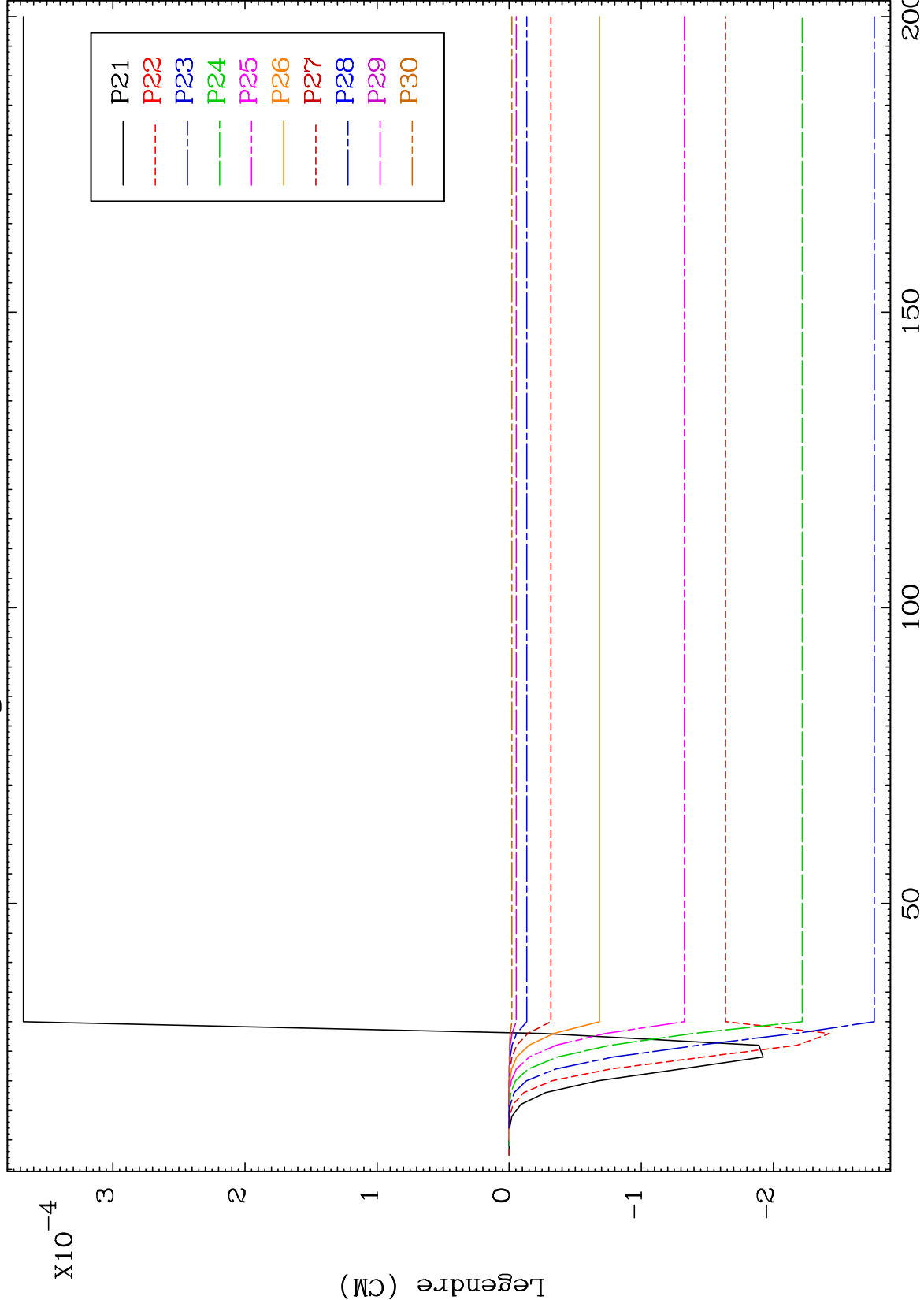


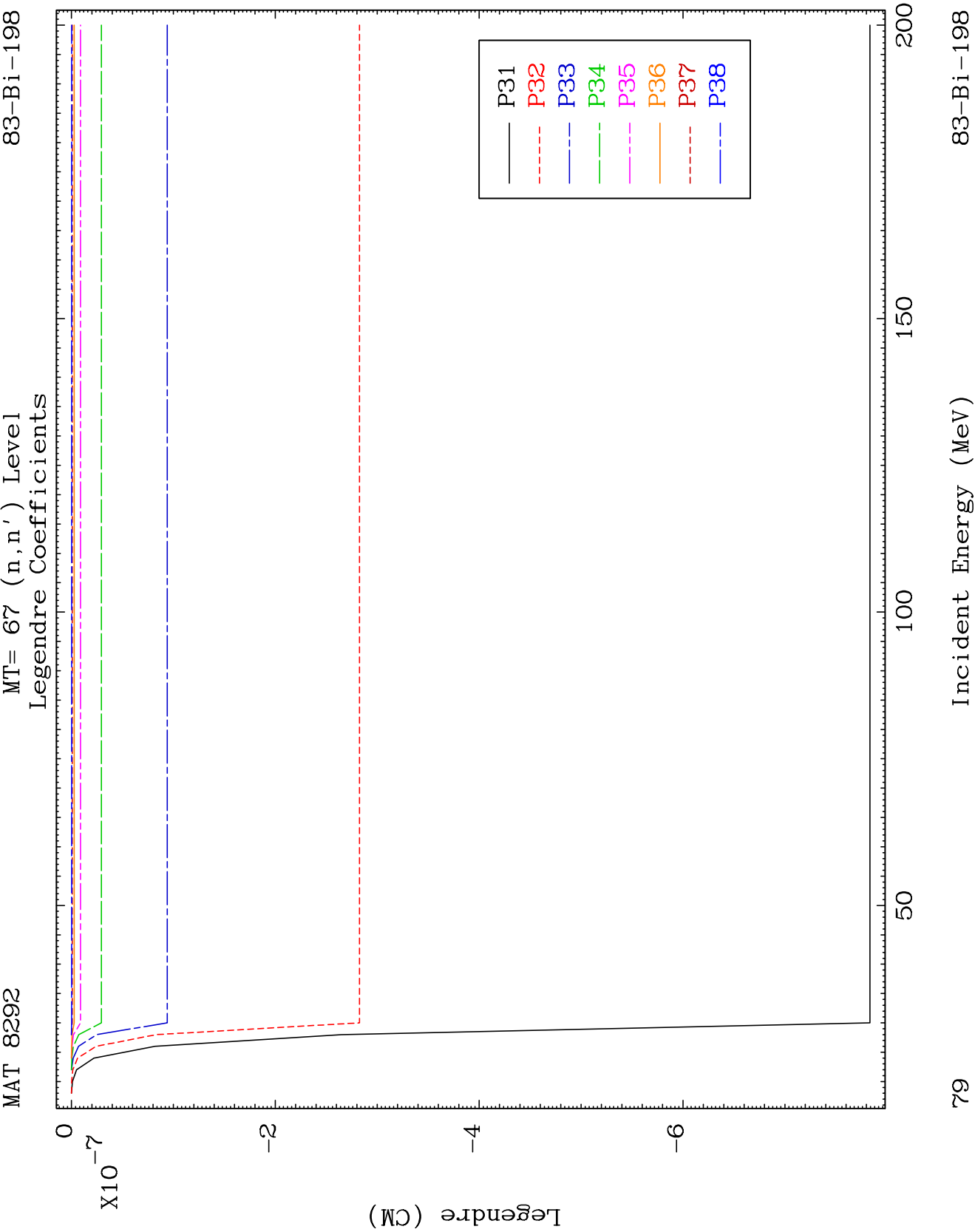
74

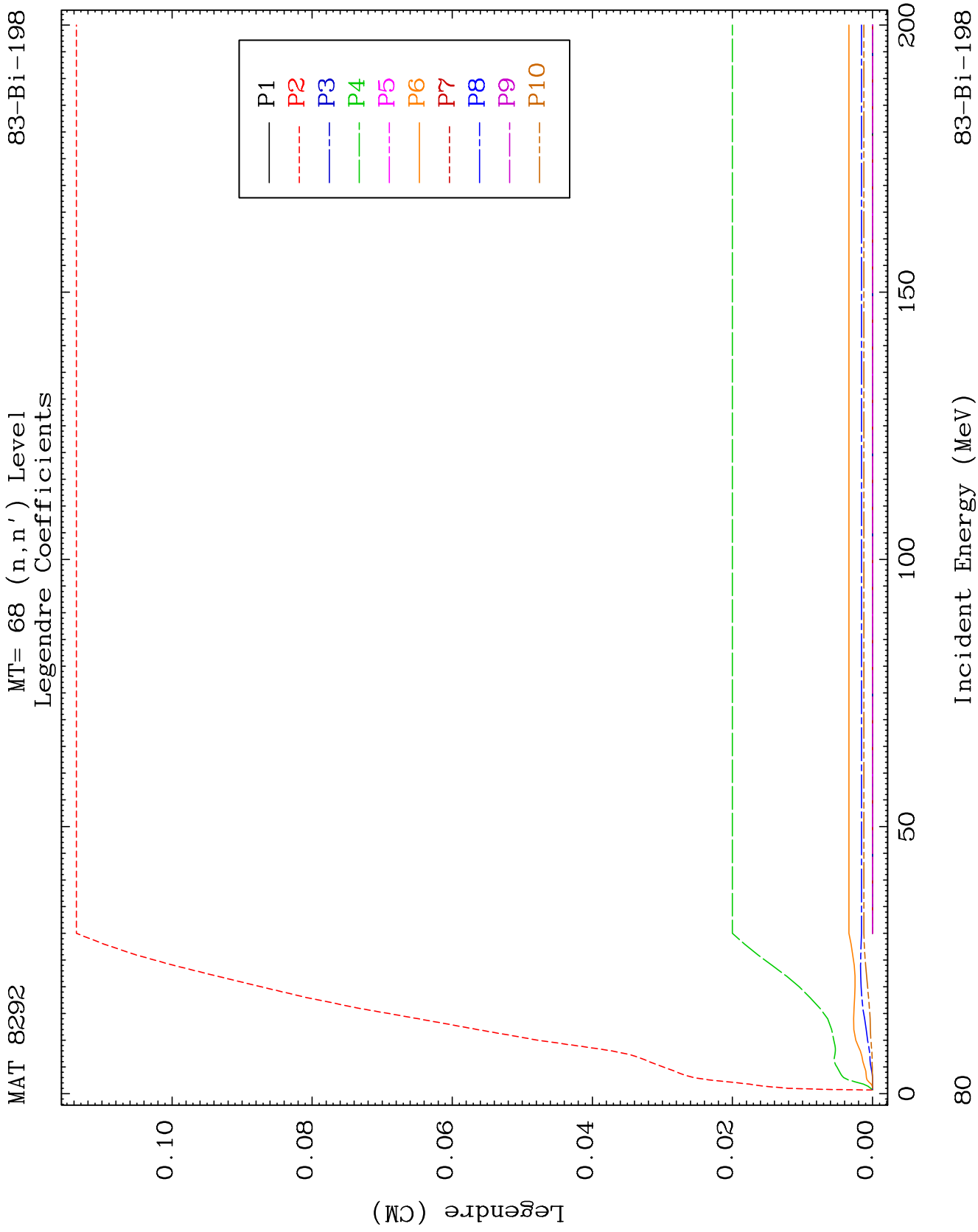
Incident Energy (MeV)

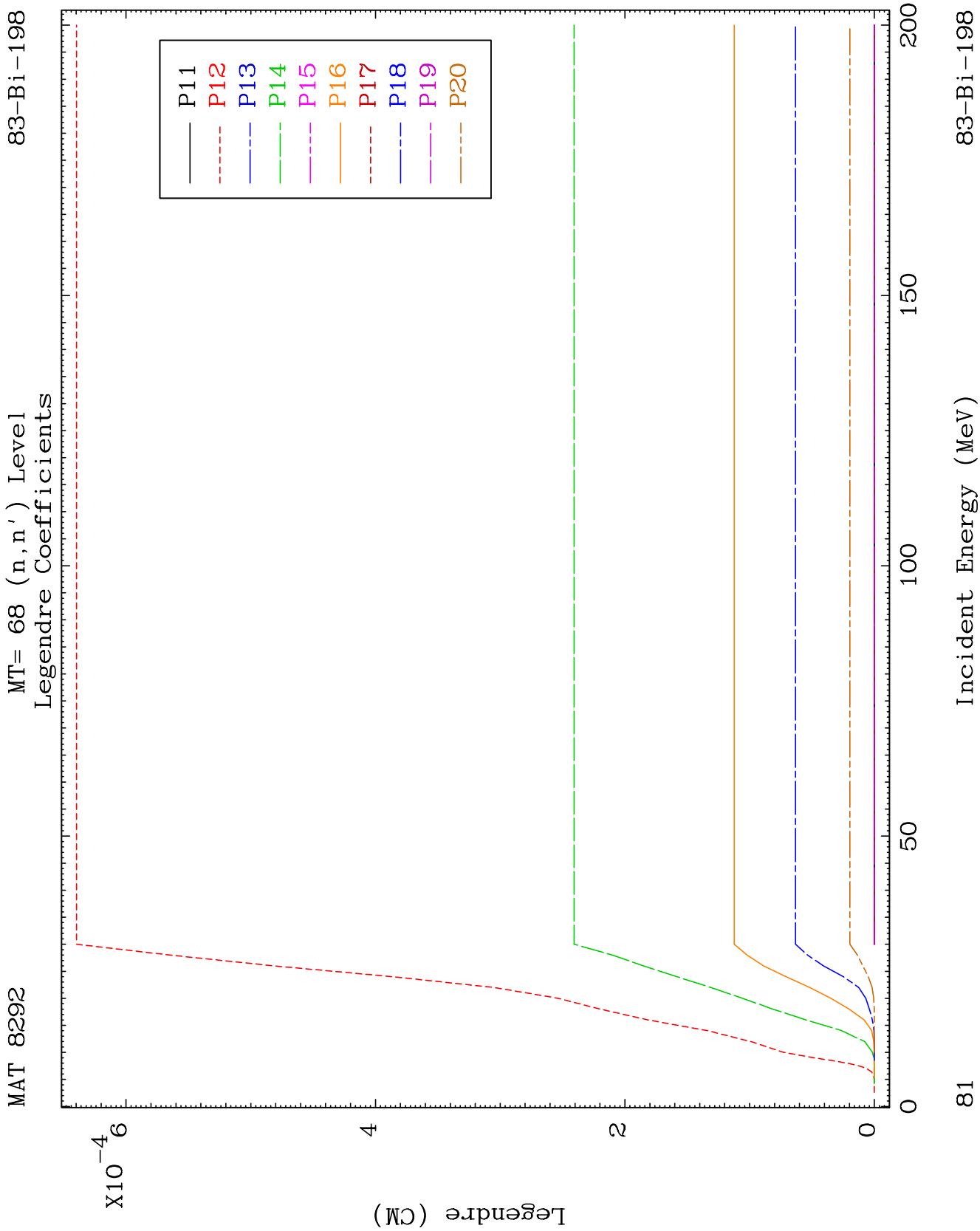
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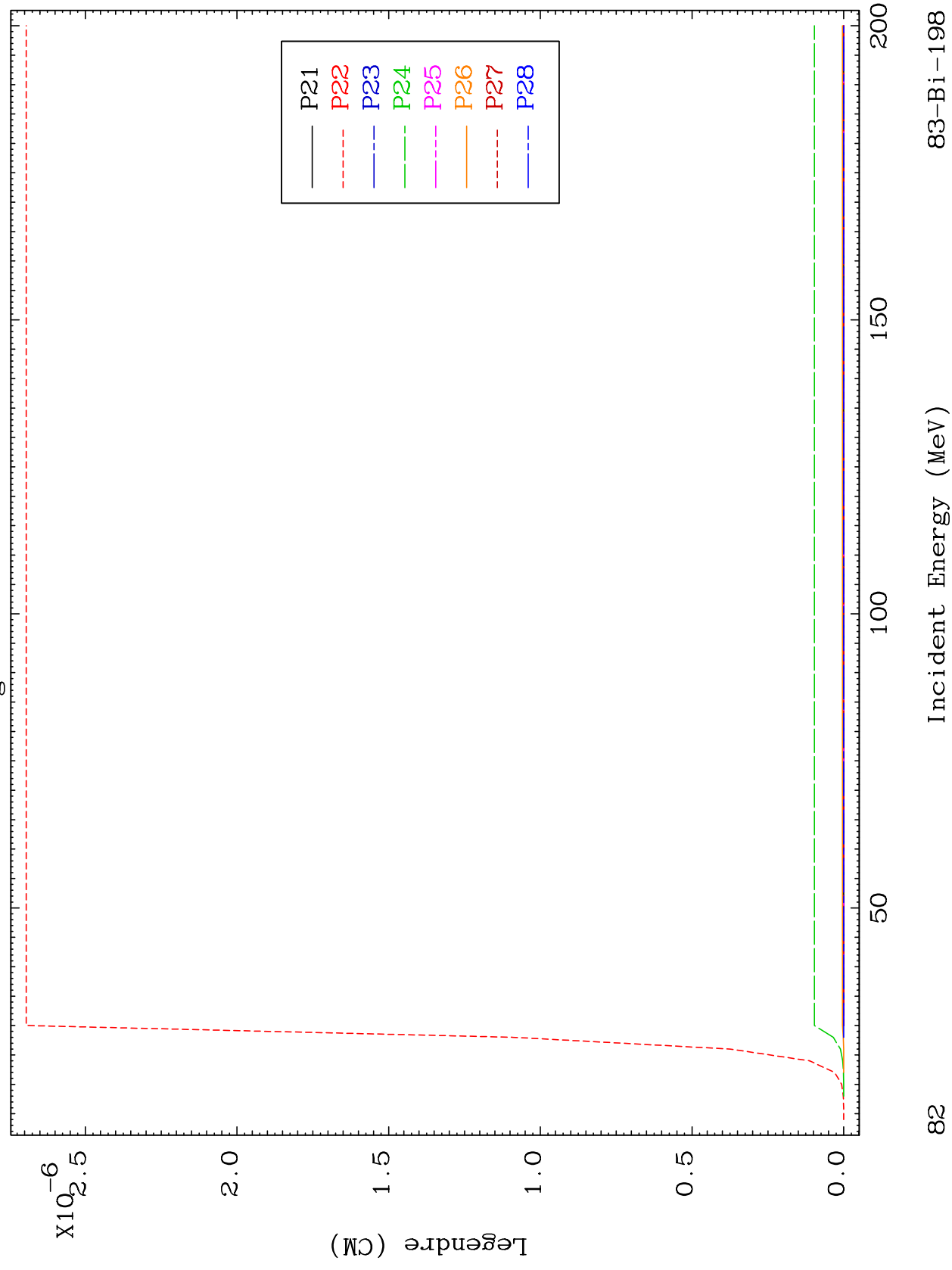


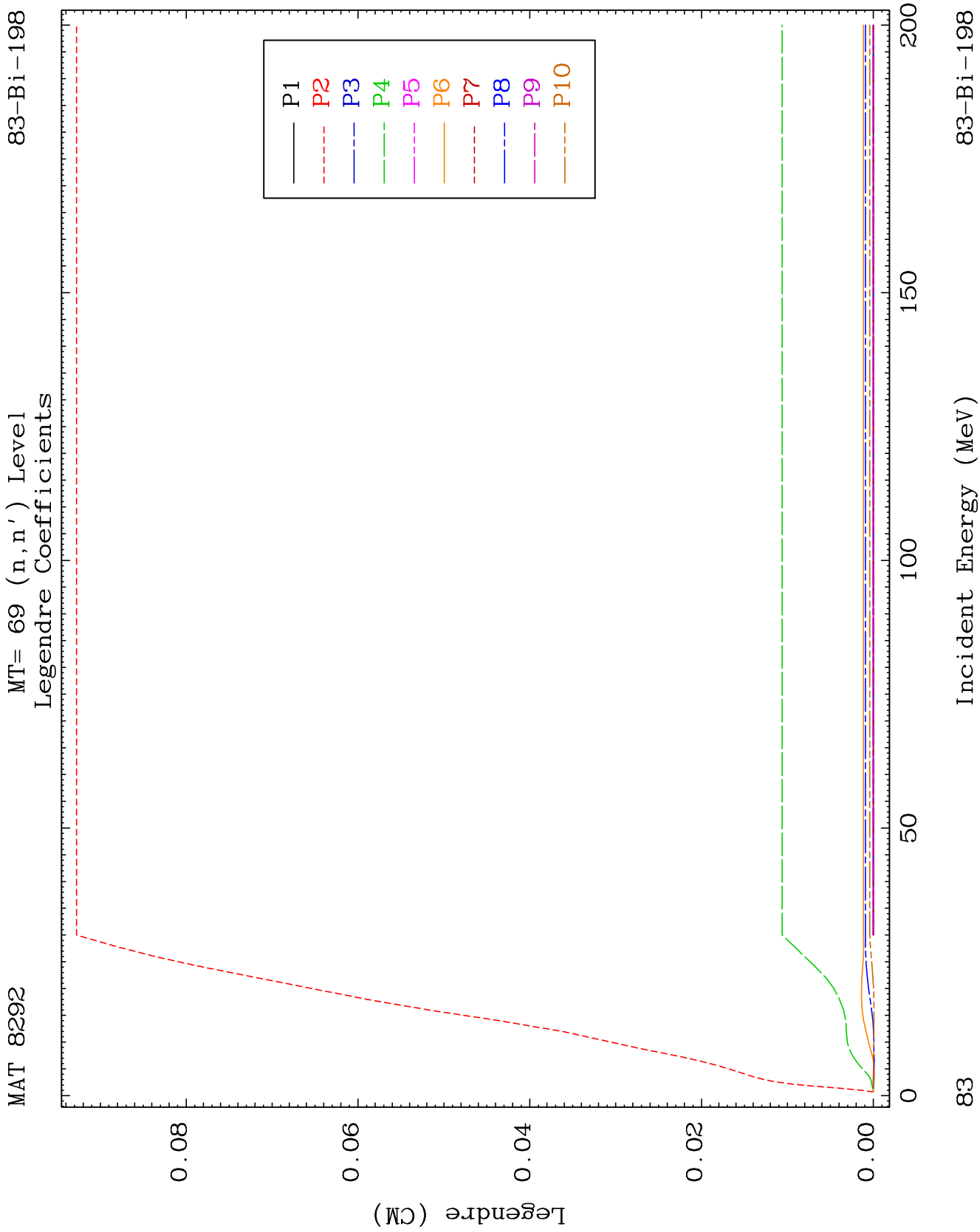


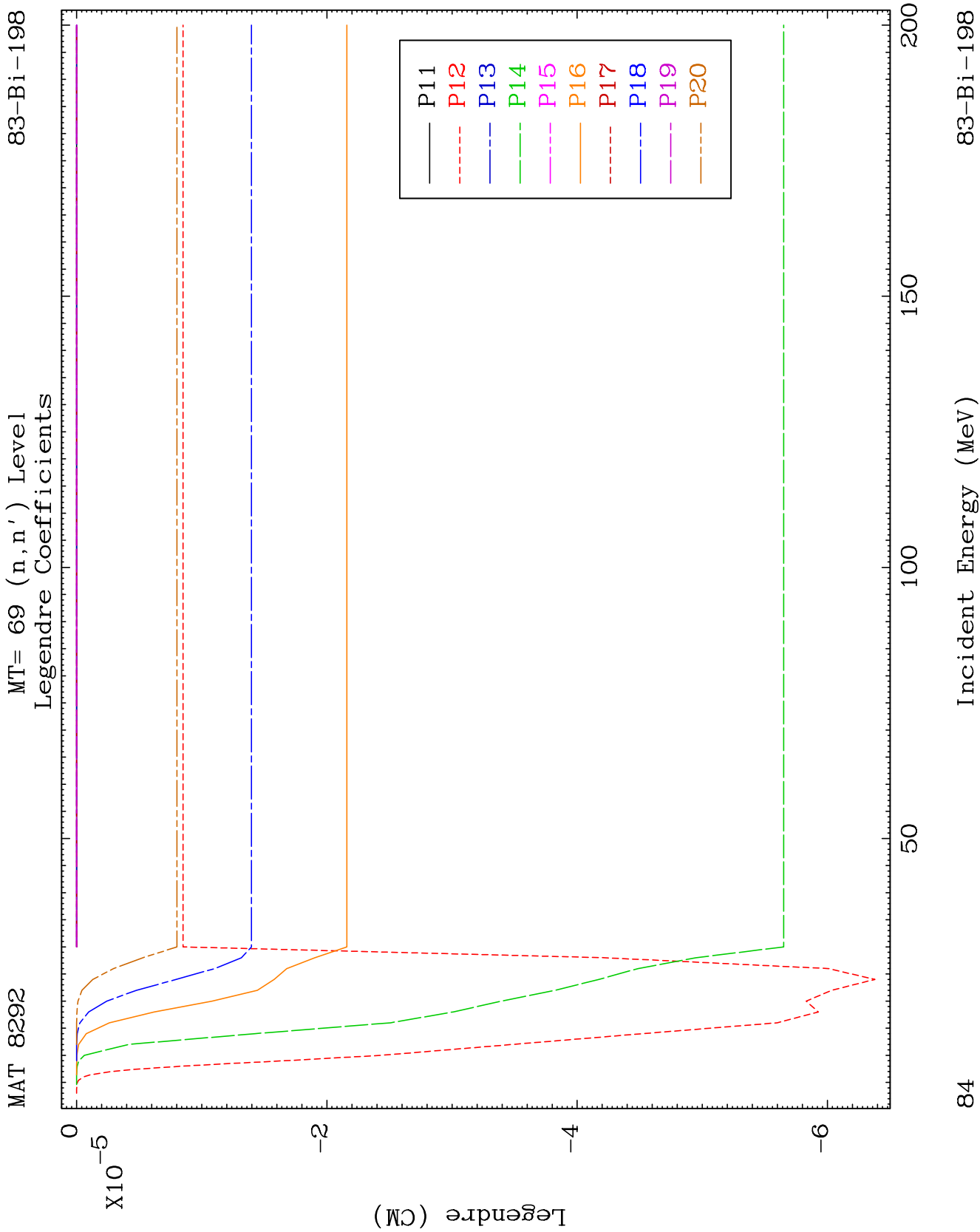
MAT 8292

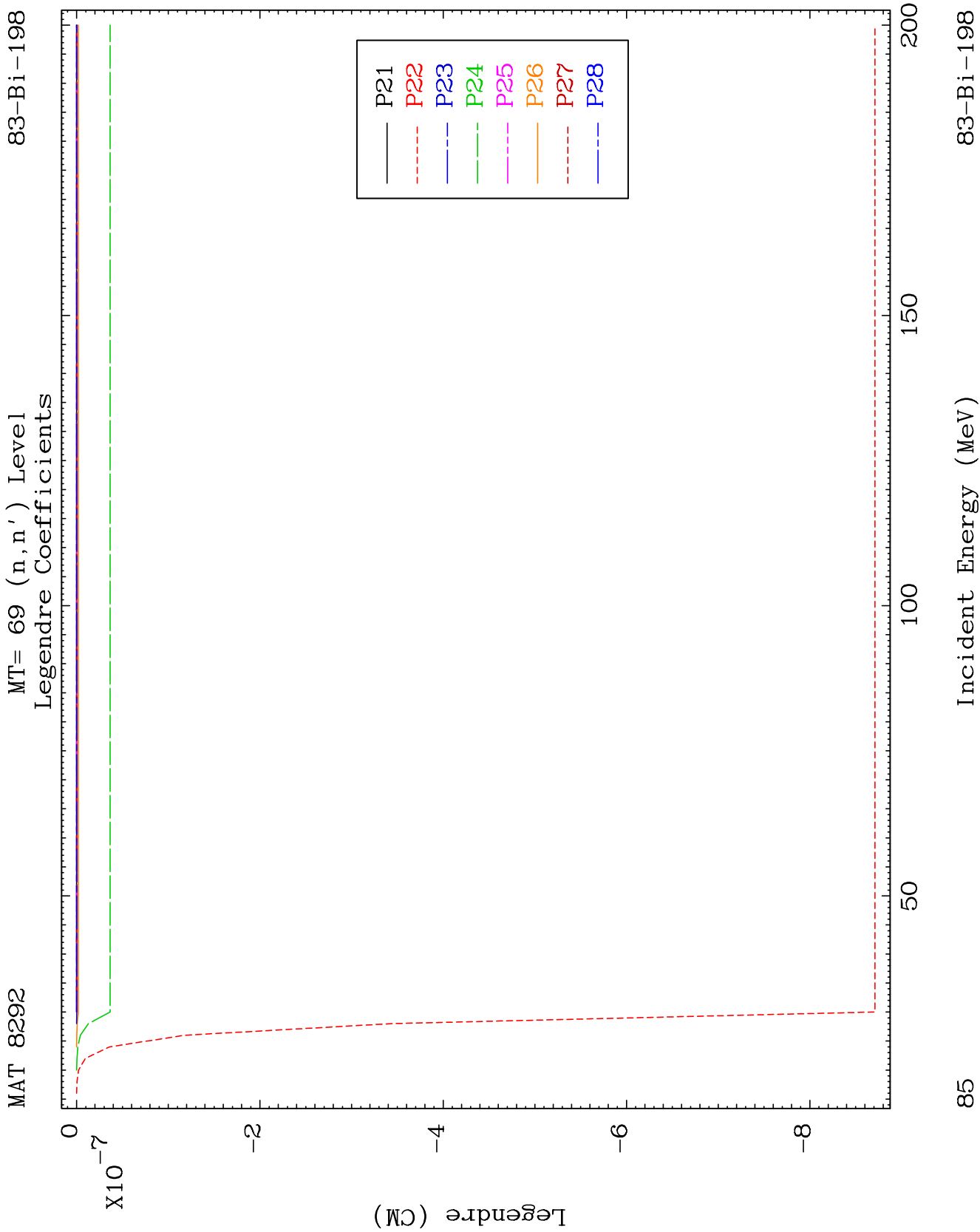
MT= 68 (n, n') Level
Legendre Coefficients

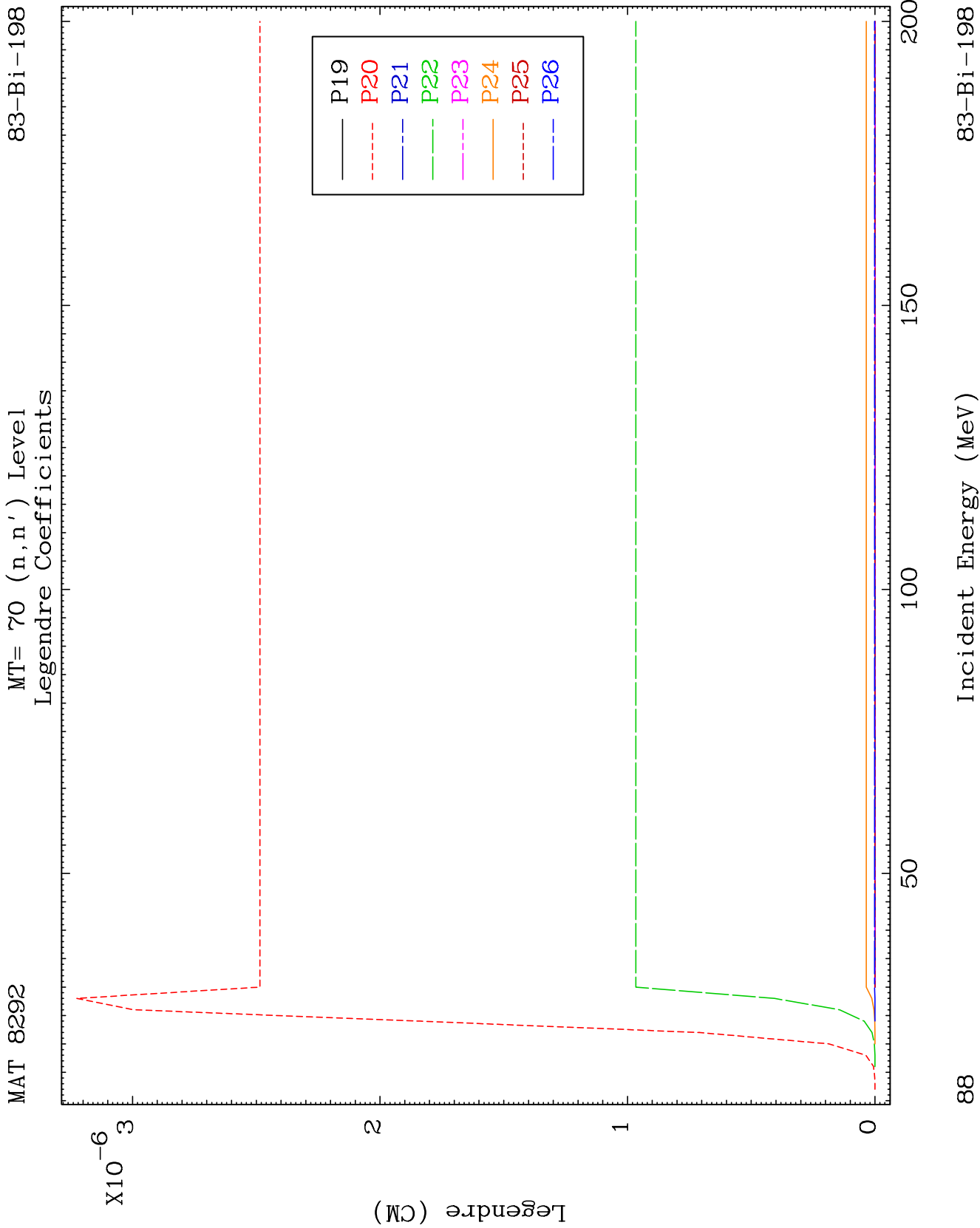
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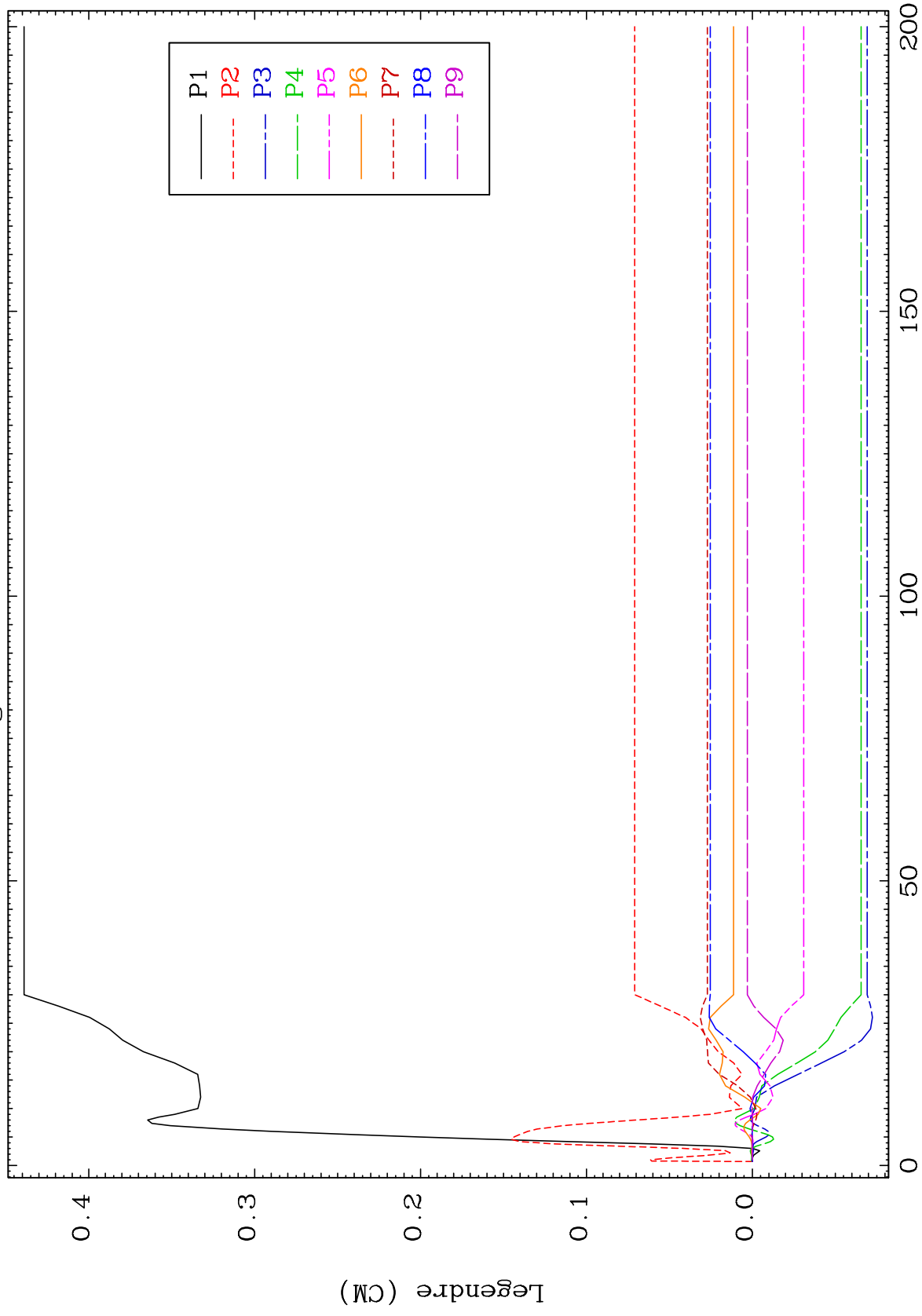




MAT 8292

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

83-Bi-198



89

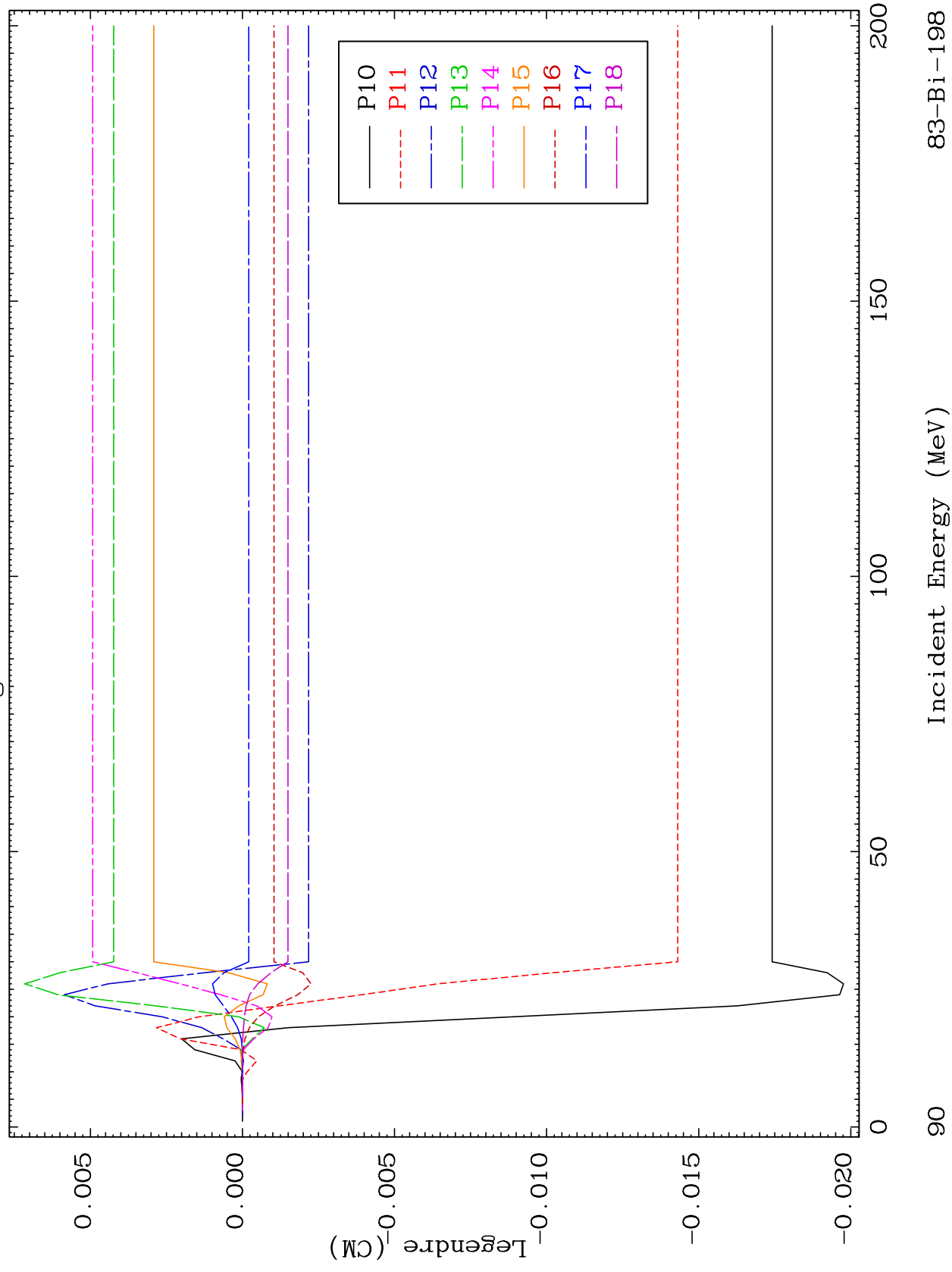
Incident Energy (MeV)

83-Bi-198

MAT 8292

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

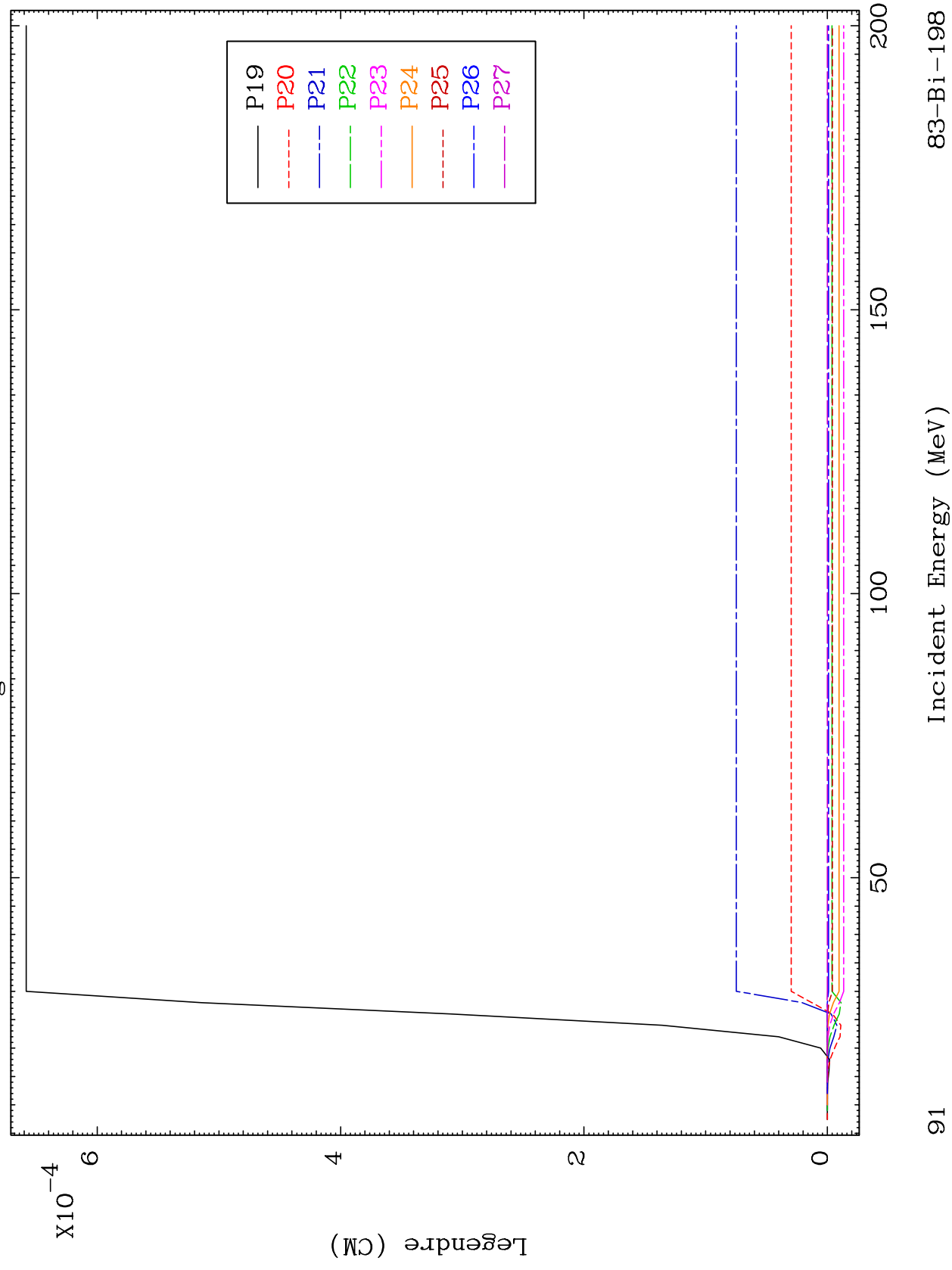
83-Bi-198



MAT 8292

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

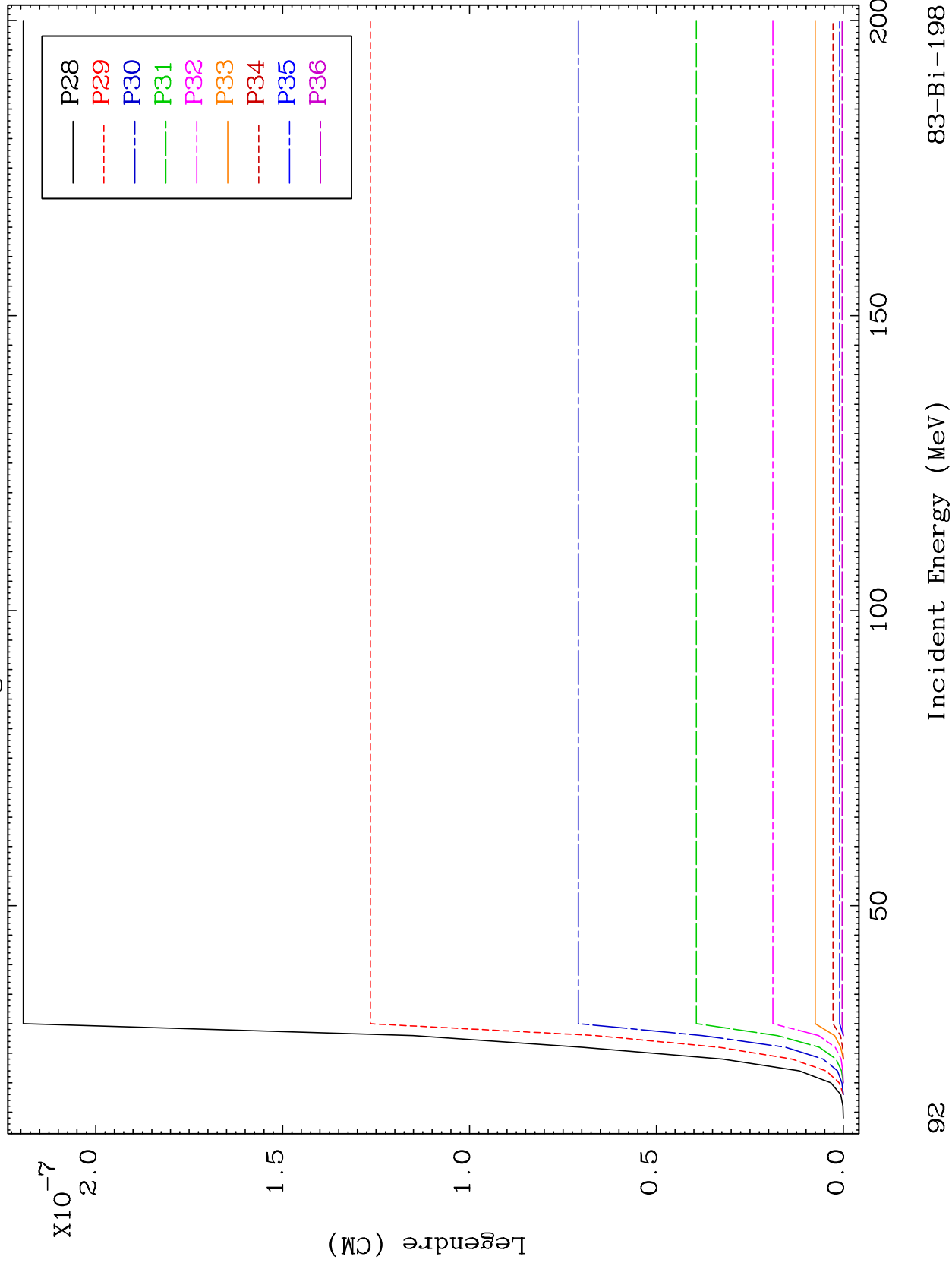
83-Bi-198

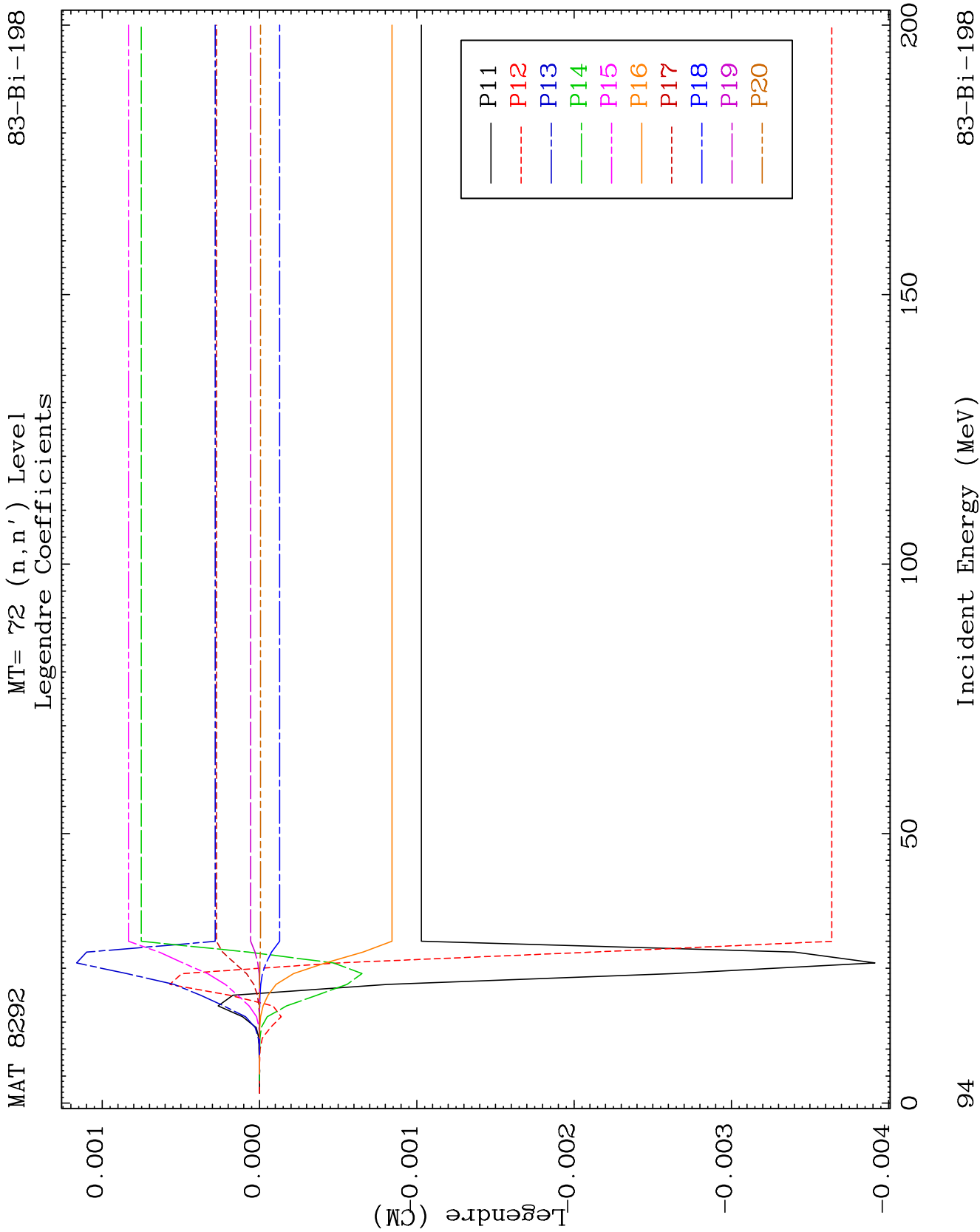


MAT 8292

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

83-Bi-198

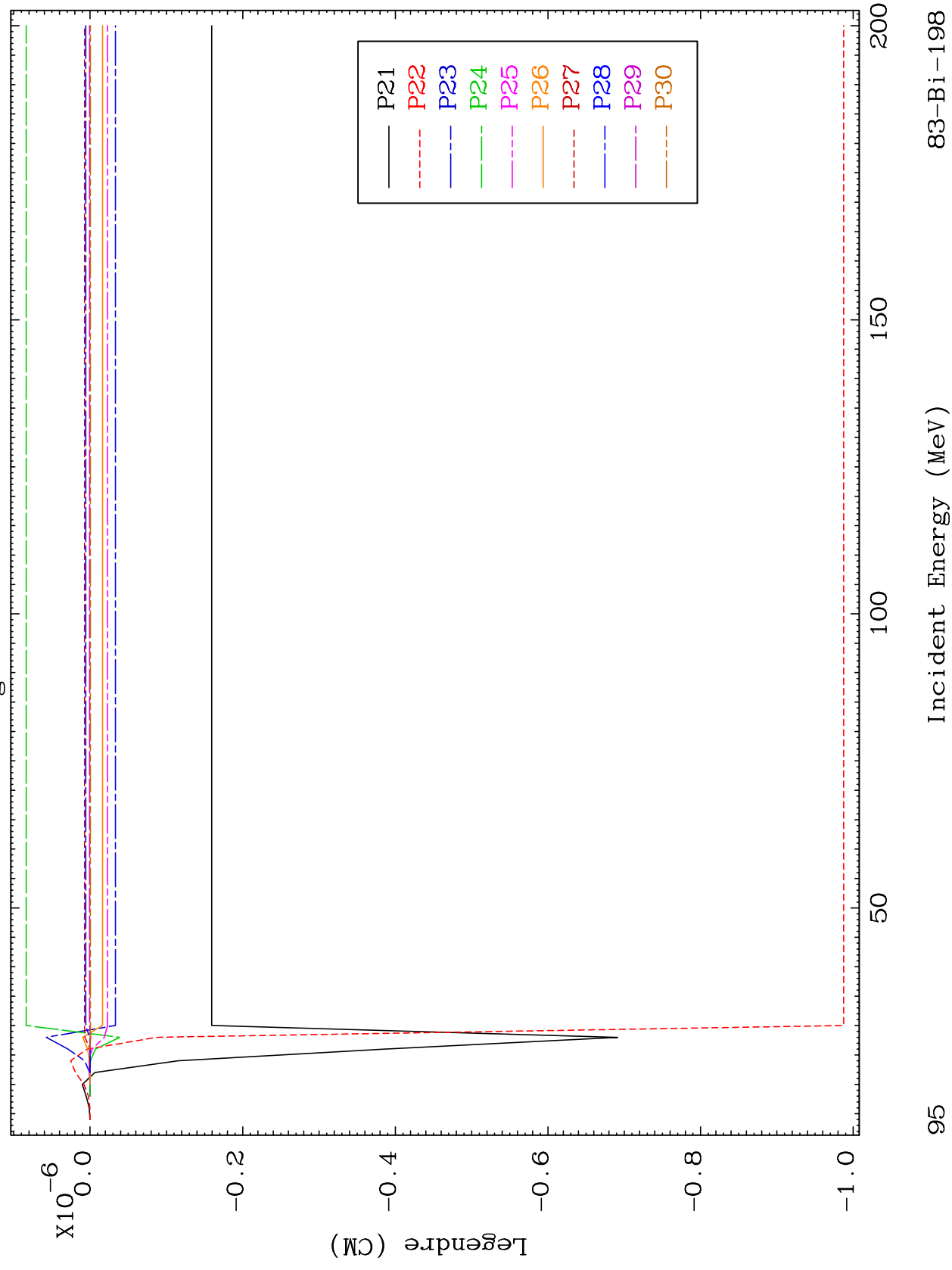


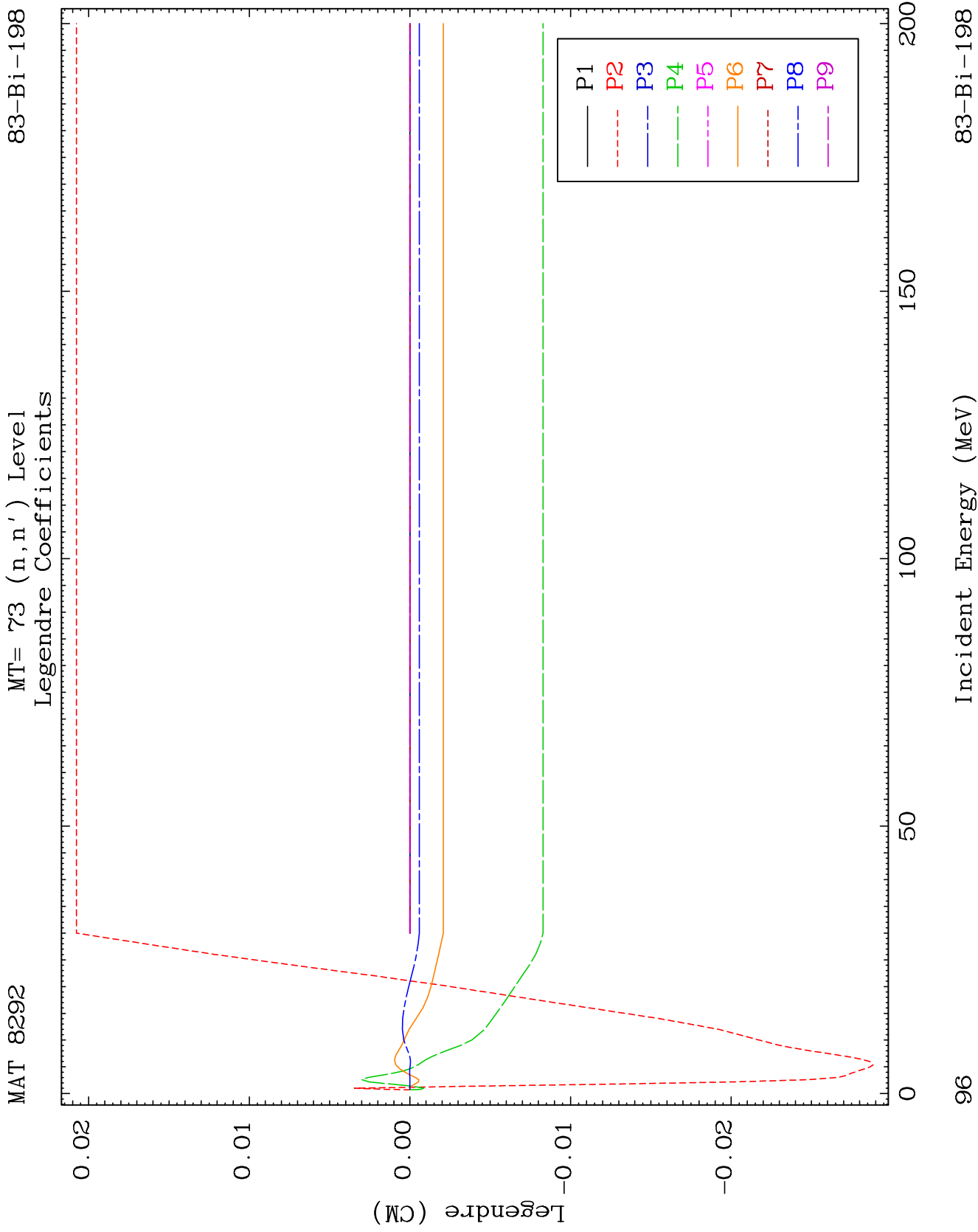


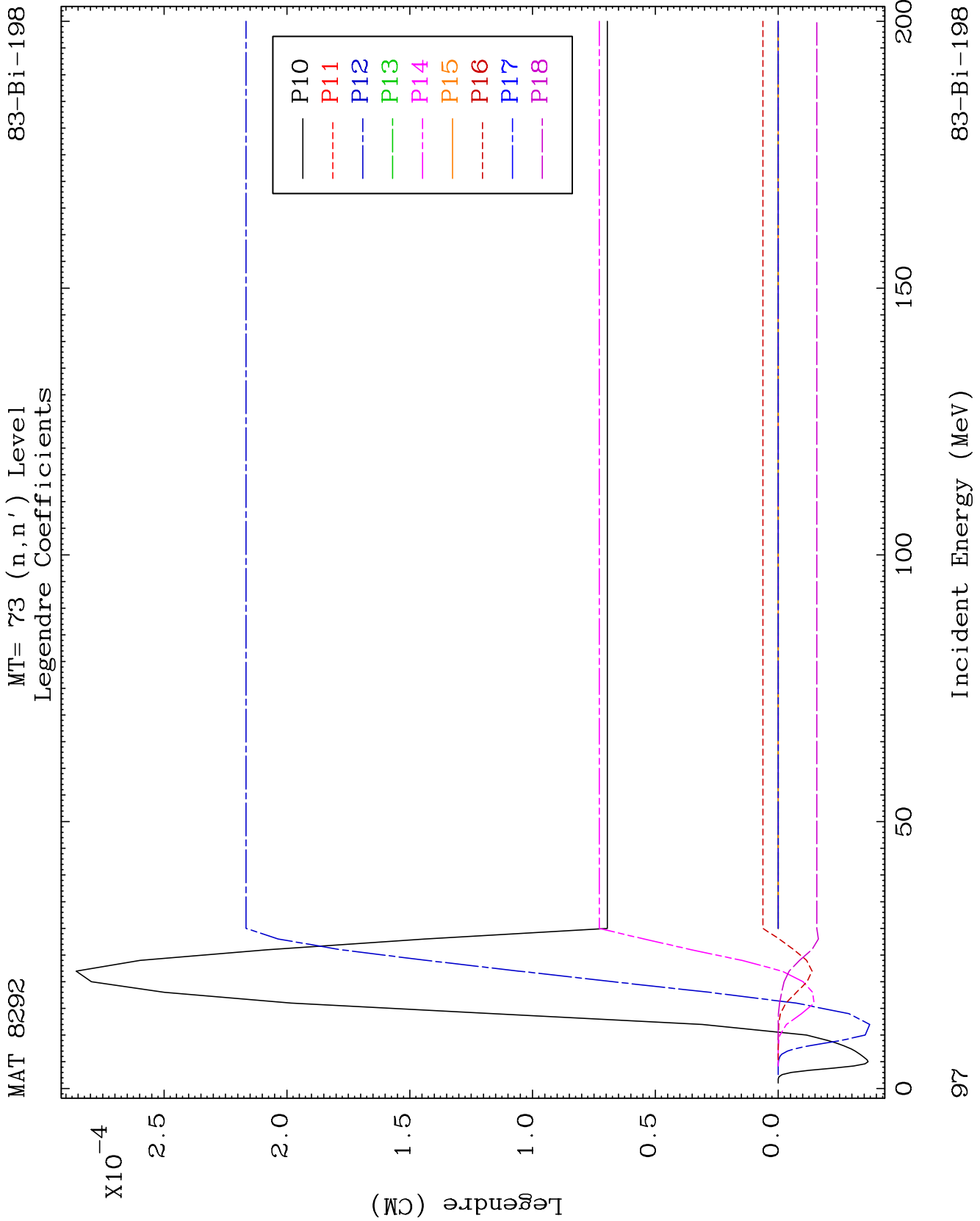
MAT 8292

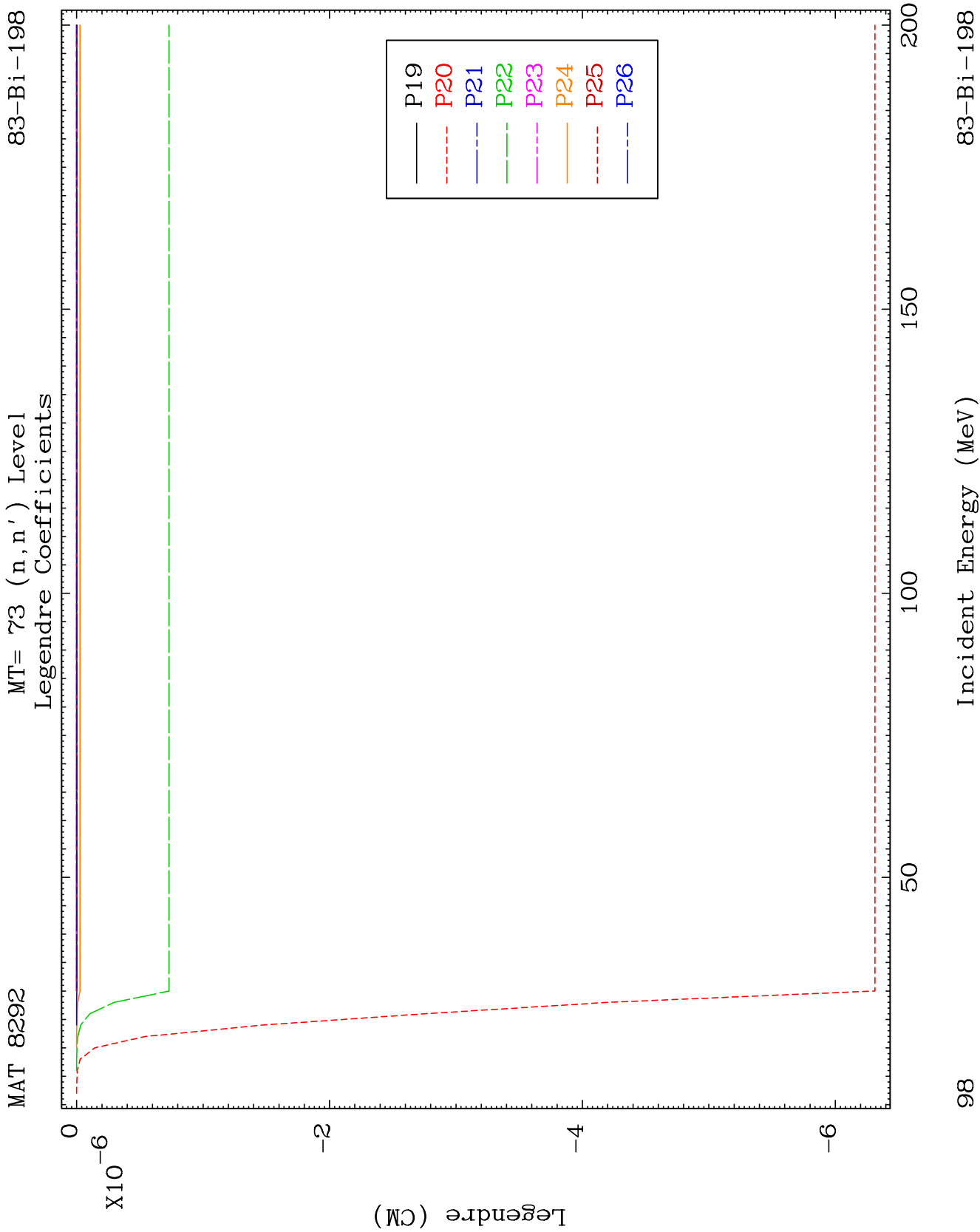
MT= 72 (n, n') Level
Legendre Coefficients

83-Bi-198





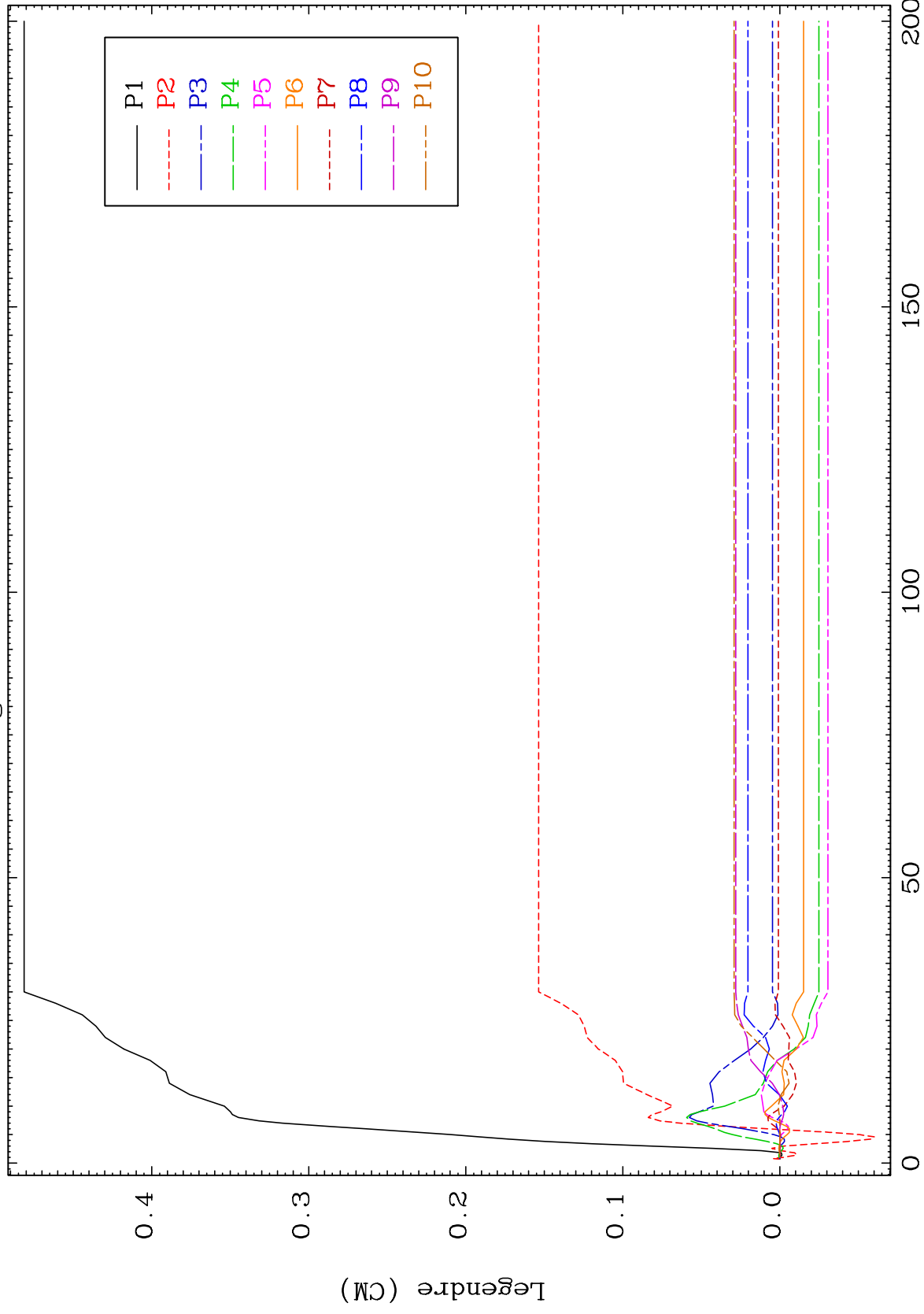




MAT 8292

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

83-Bi-198



83-Bi-198

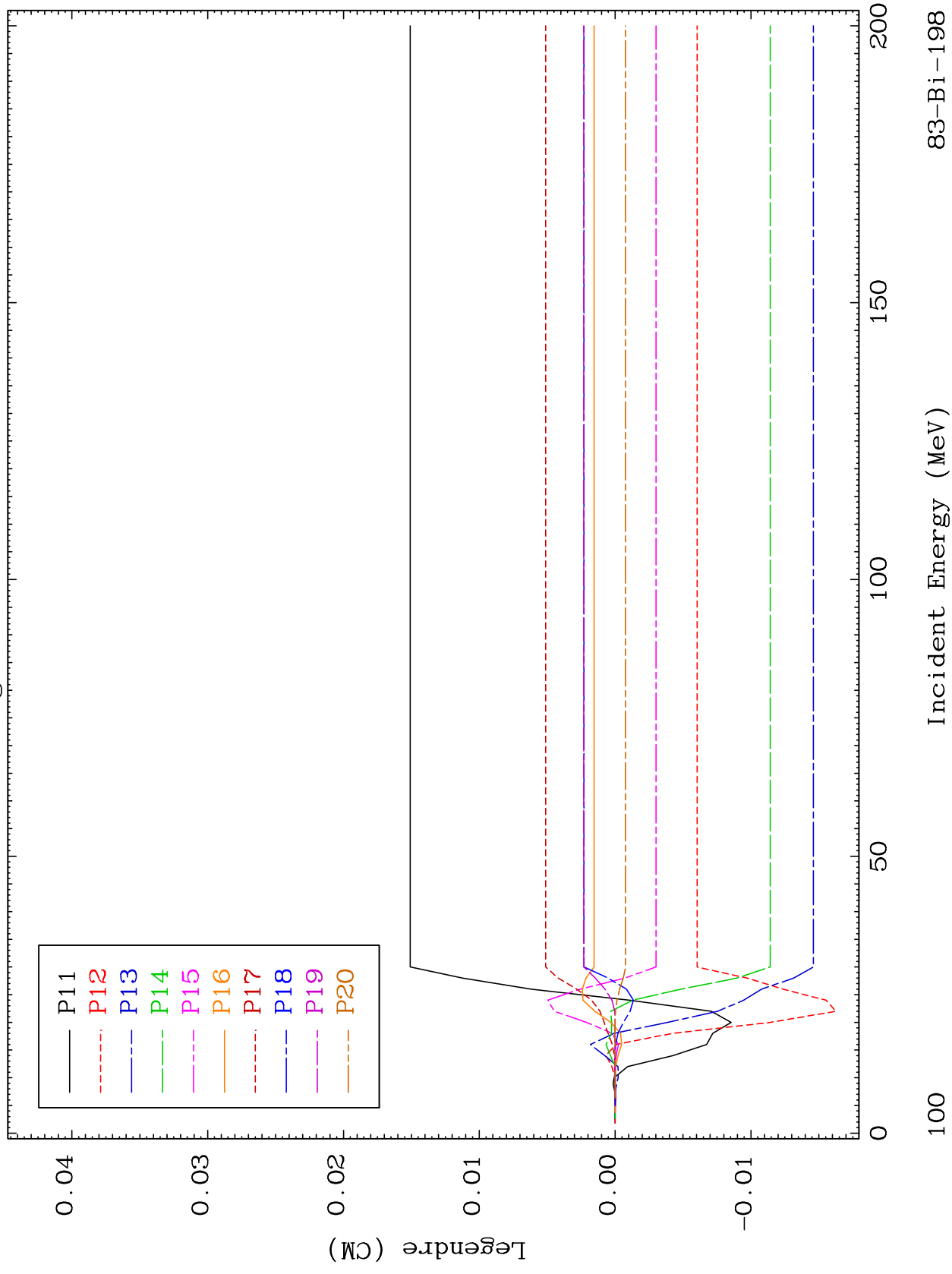
Incident Energy (MeV)

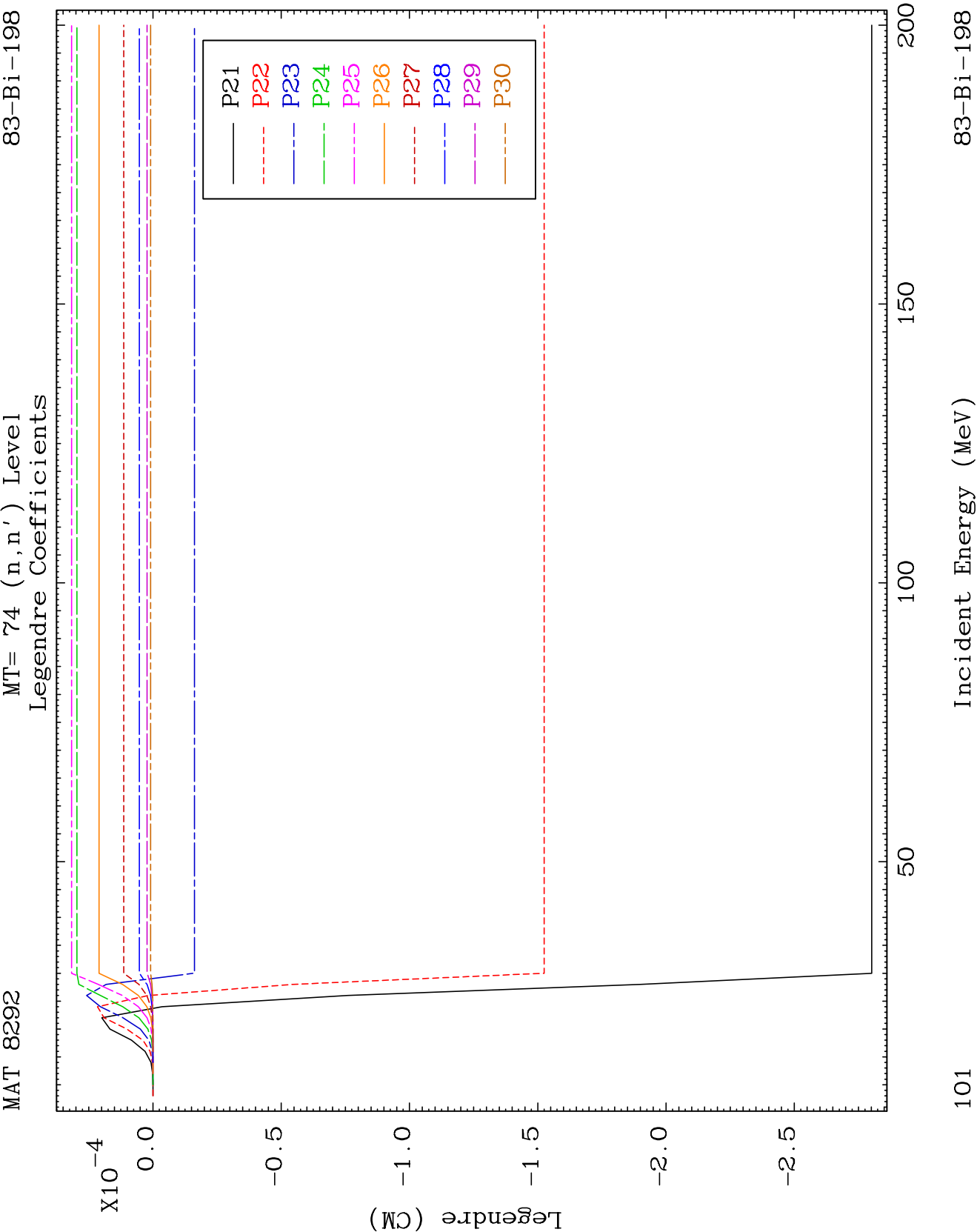
99

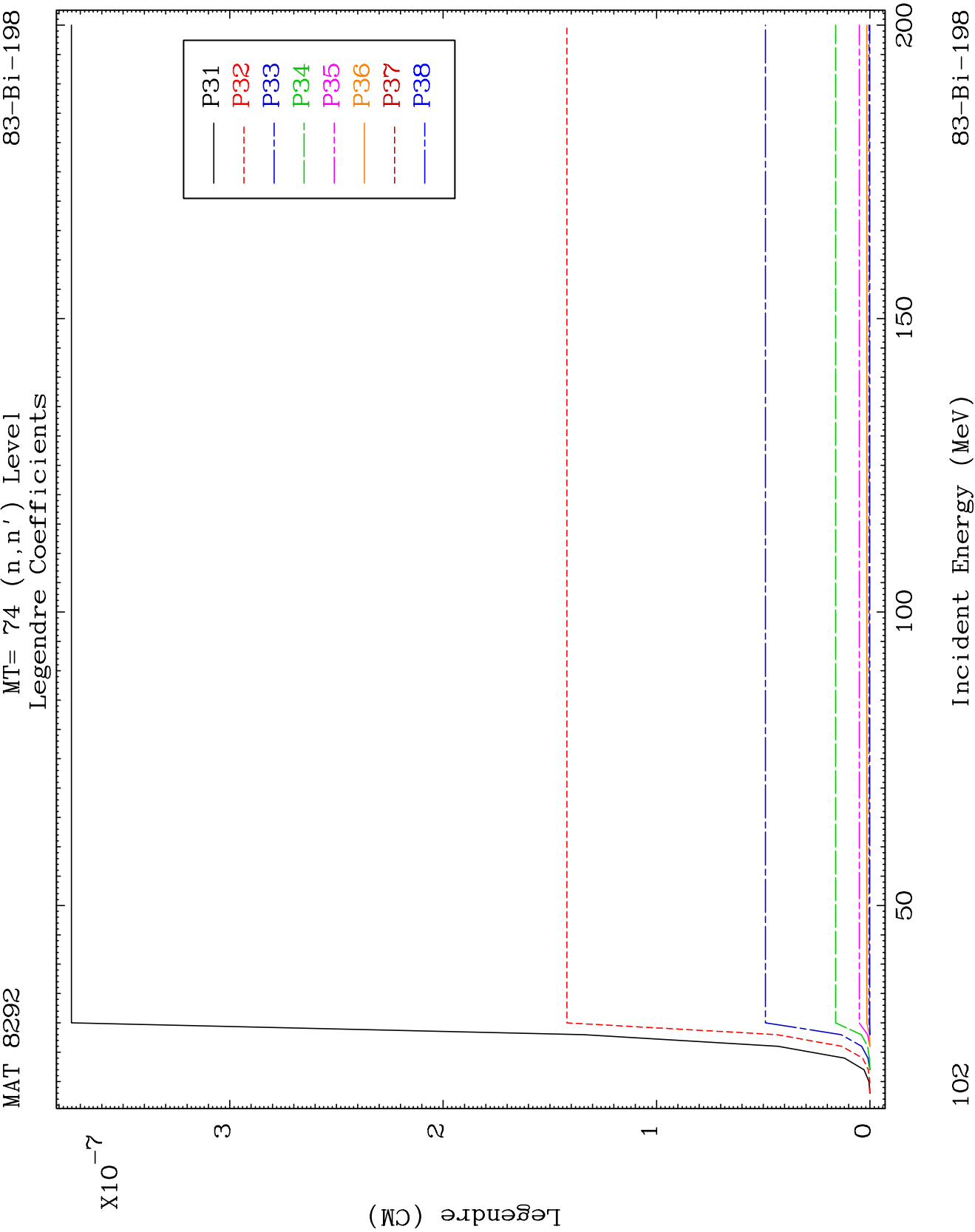
MAT 8292

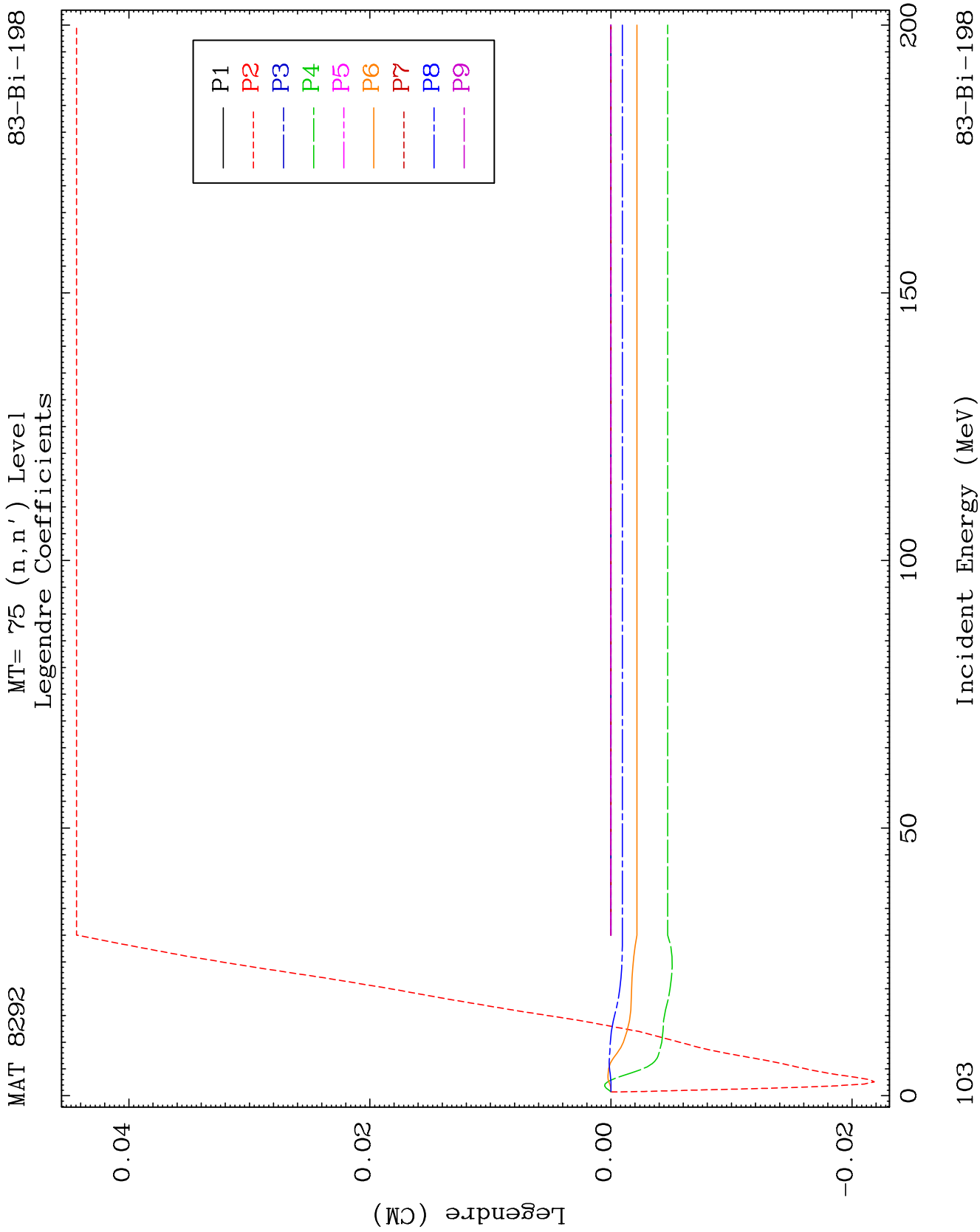
MT= 74 (n, n') Level
Legendre Coefficients

83-Bi-198





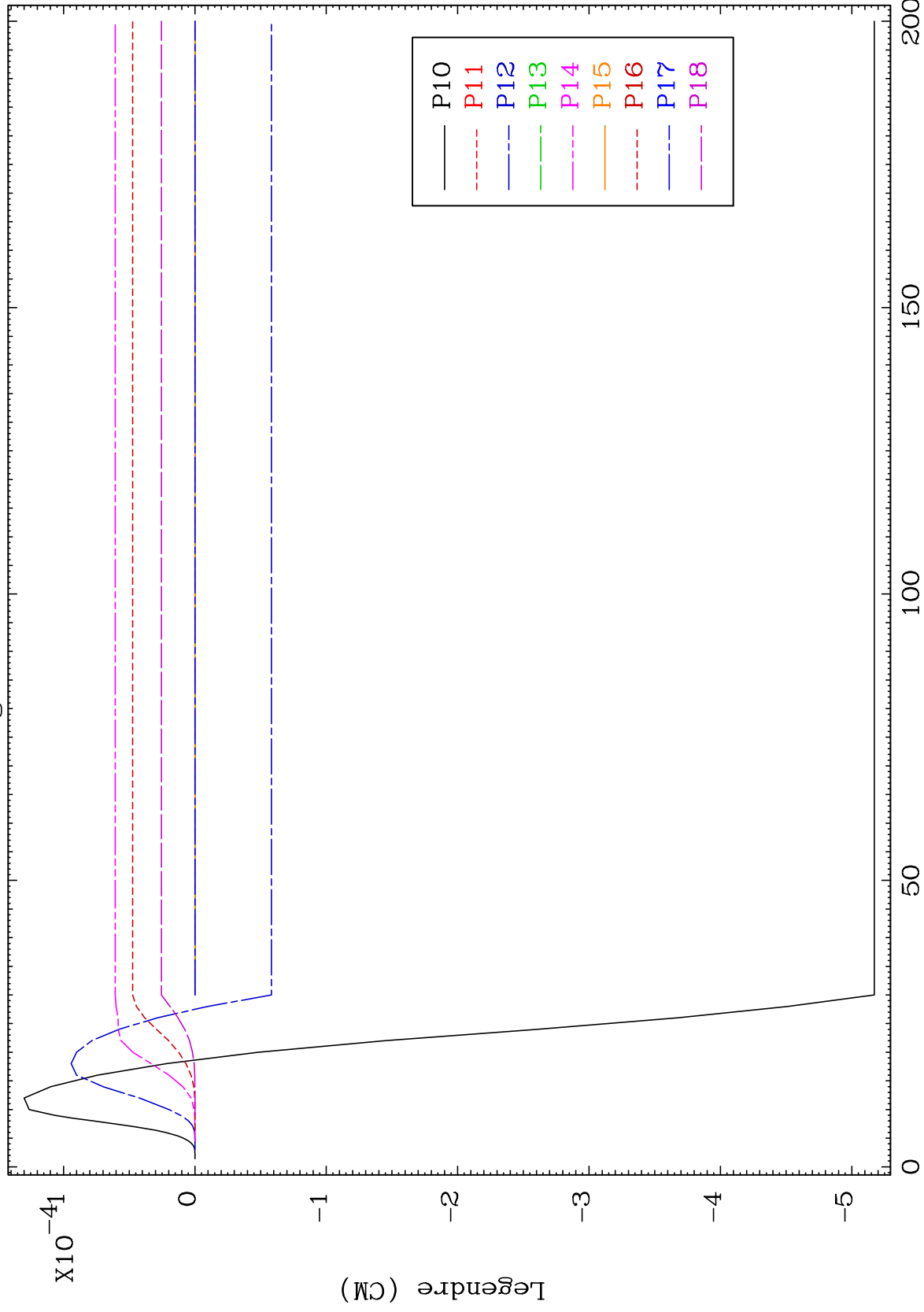




MAT 8292

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

83-Bi-198



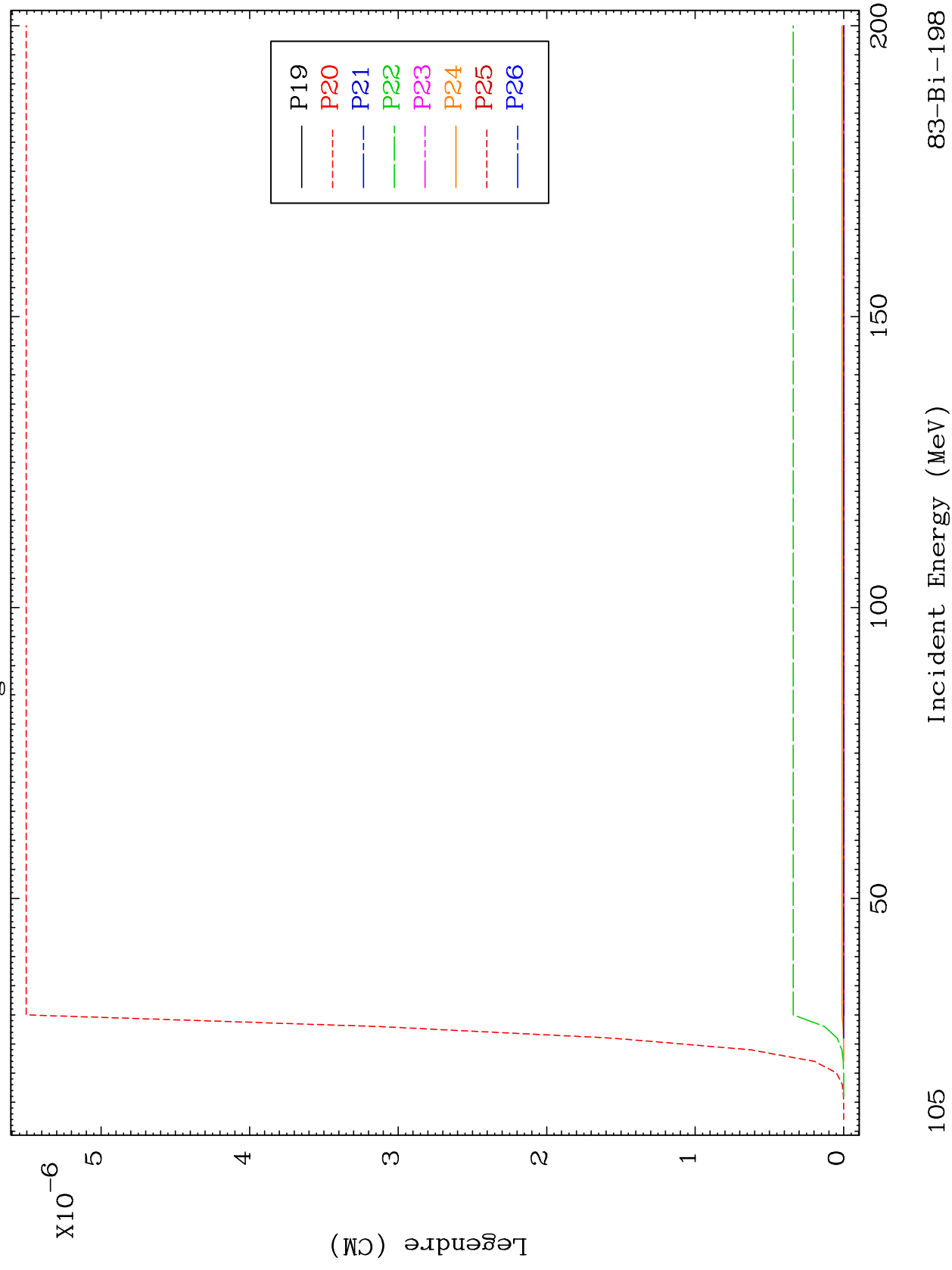
Incident Energy (MeV)

83-Bi-198

MAT 8292

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

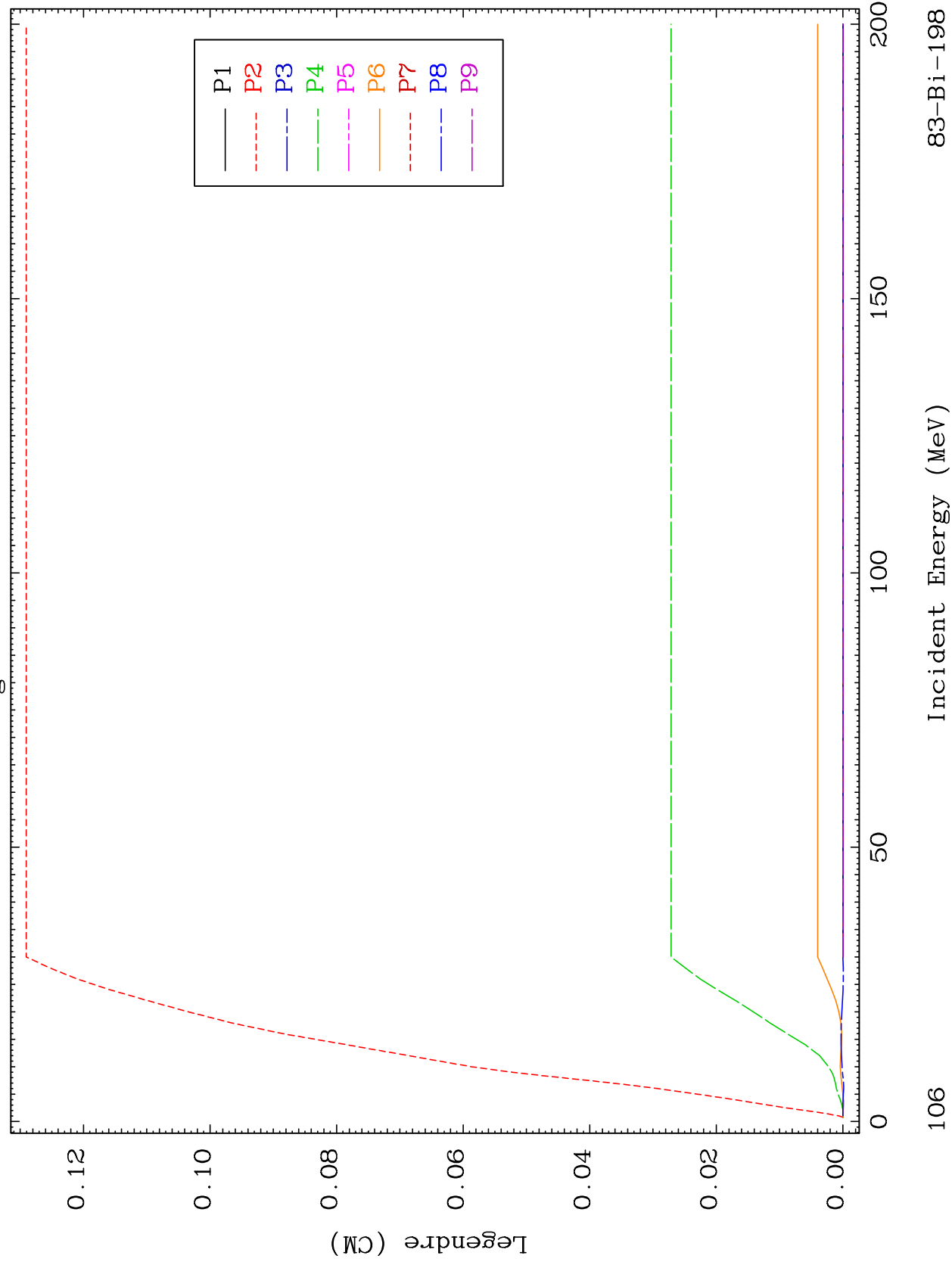
83-Bi-198



MAT 8292

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

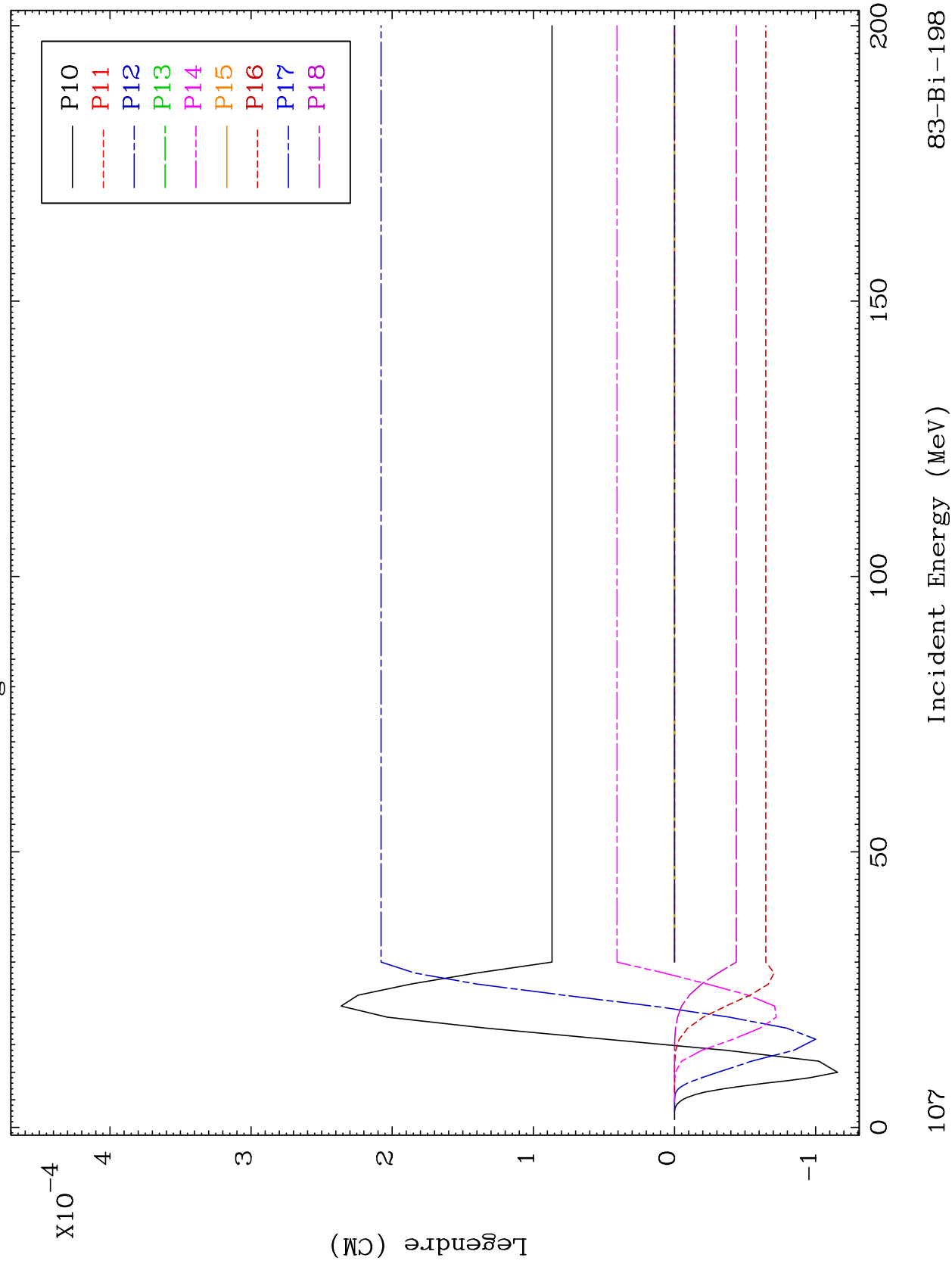
83-Bi-198

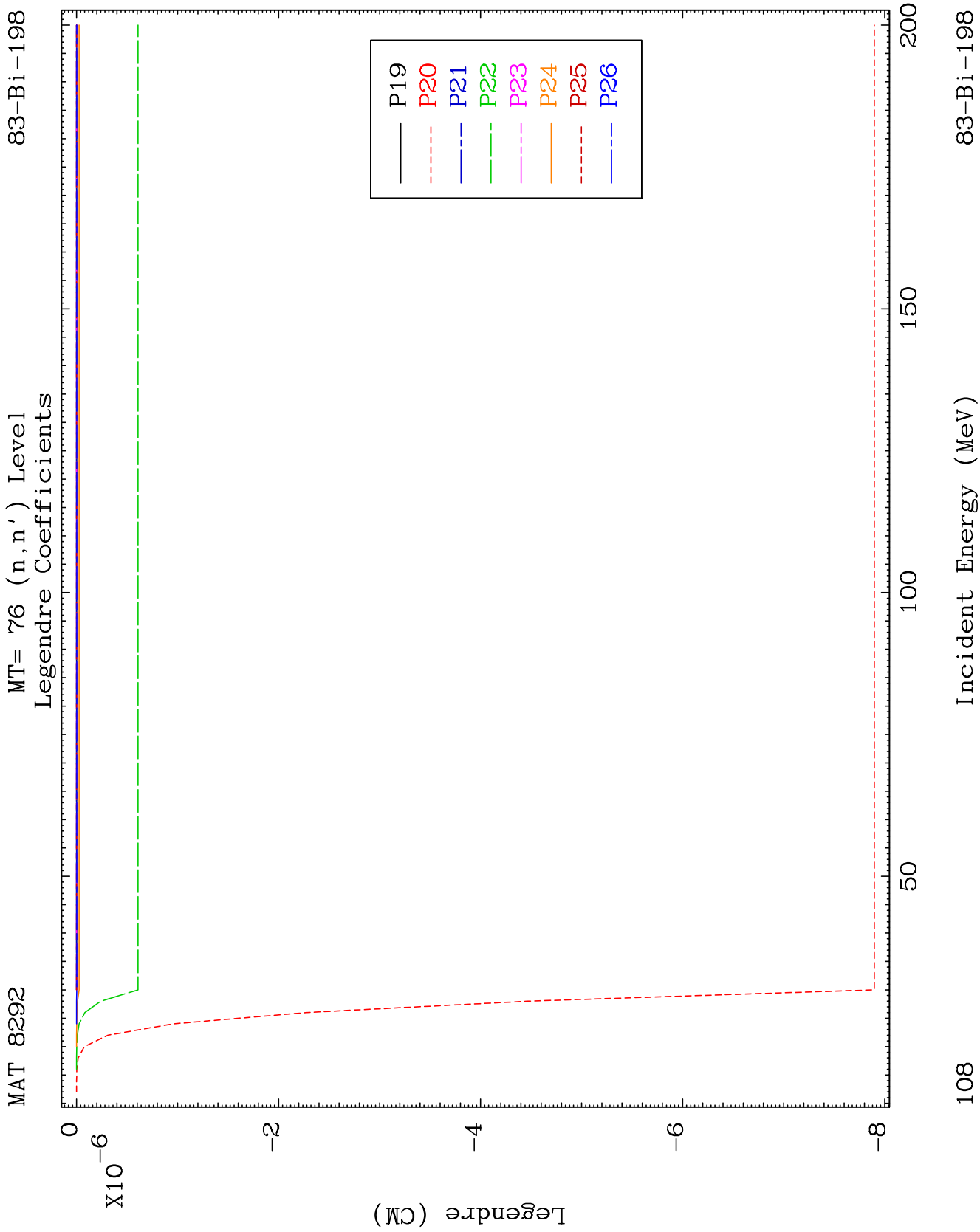


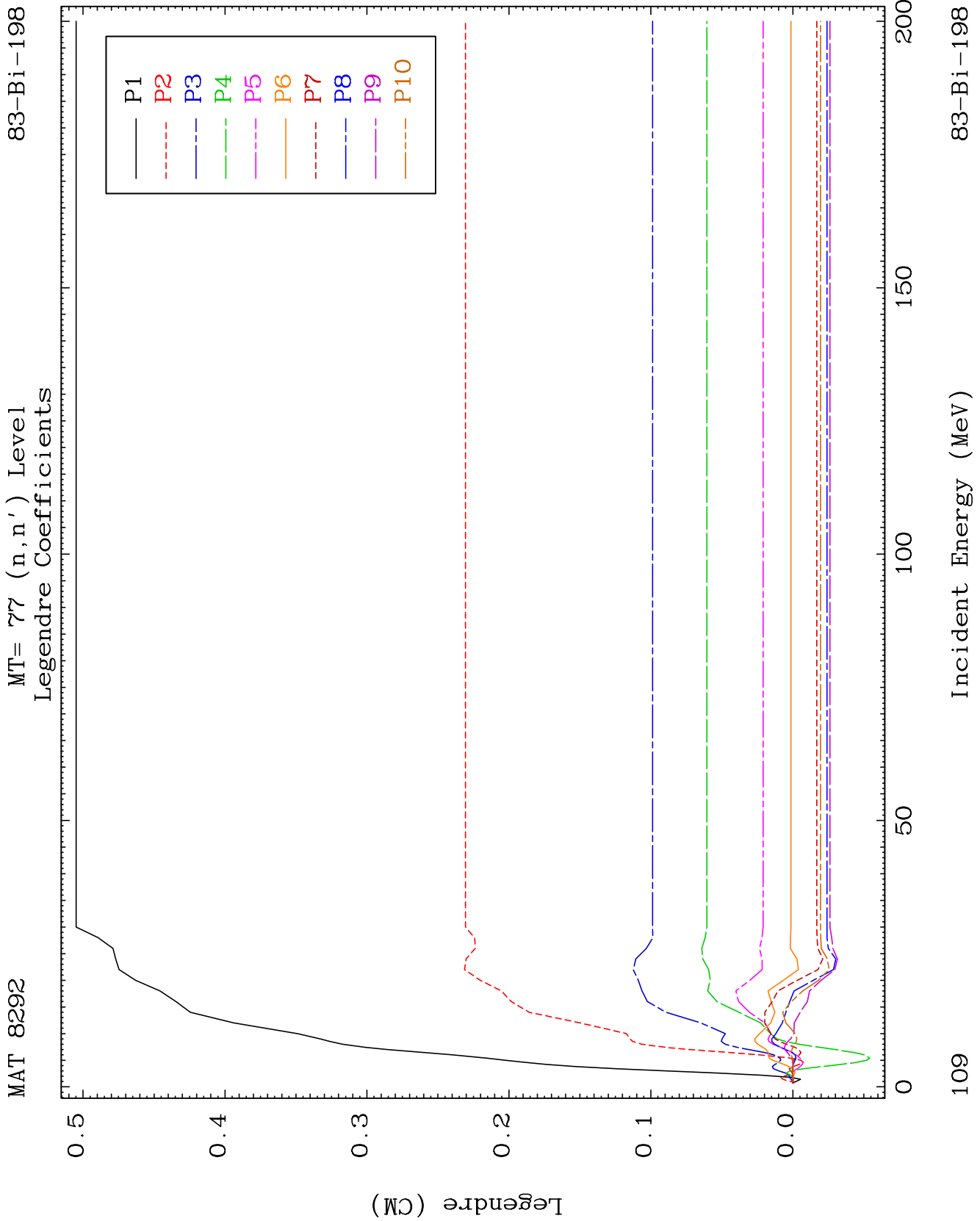
MAT 8292

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

83-Bi-198



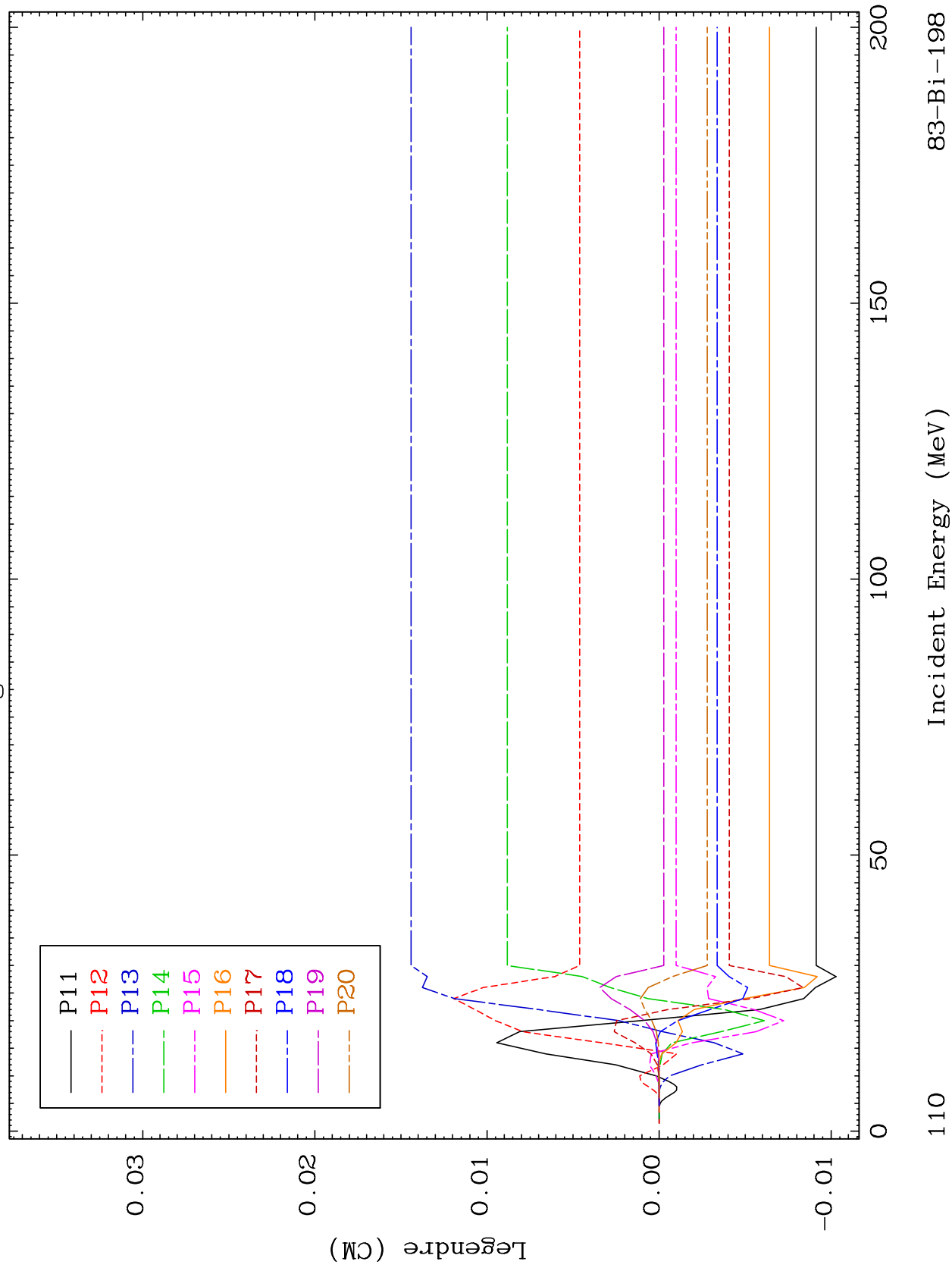


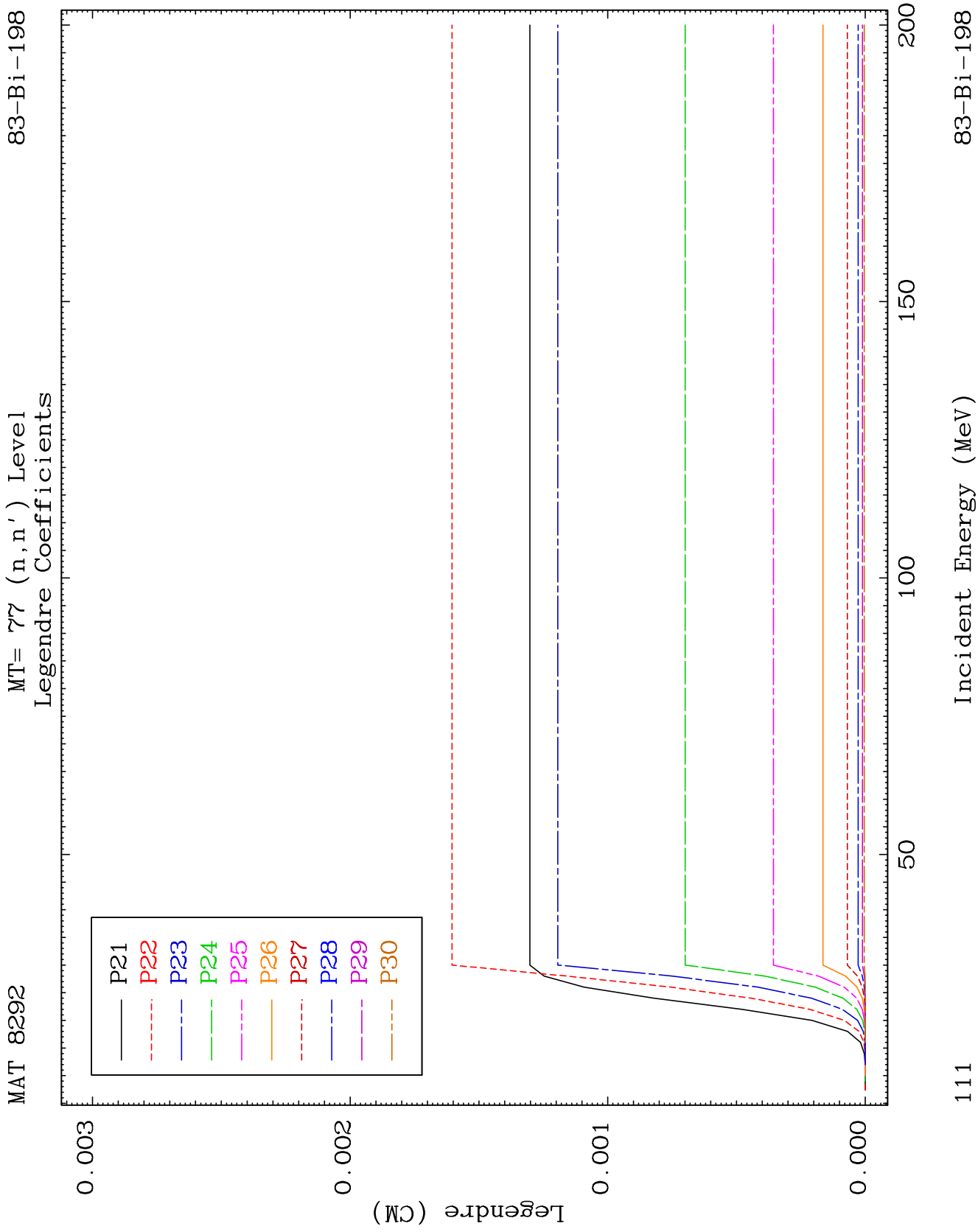


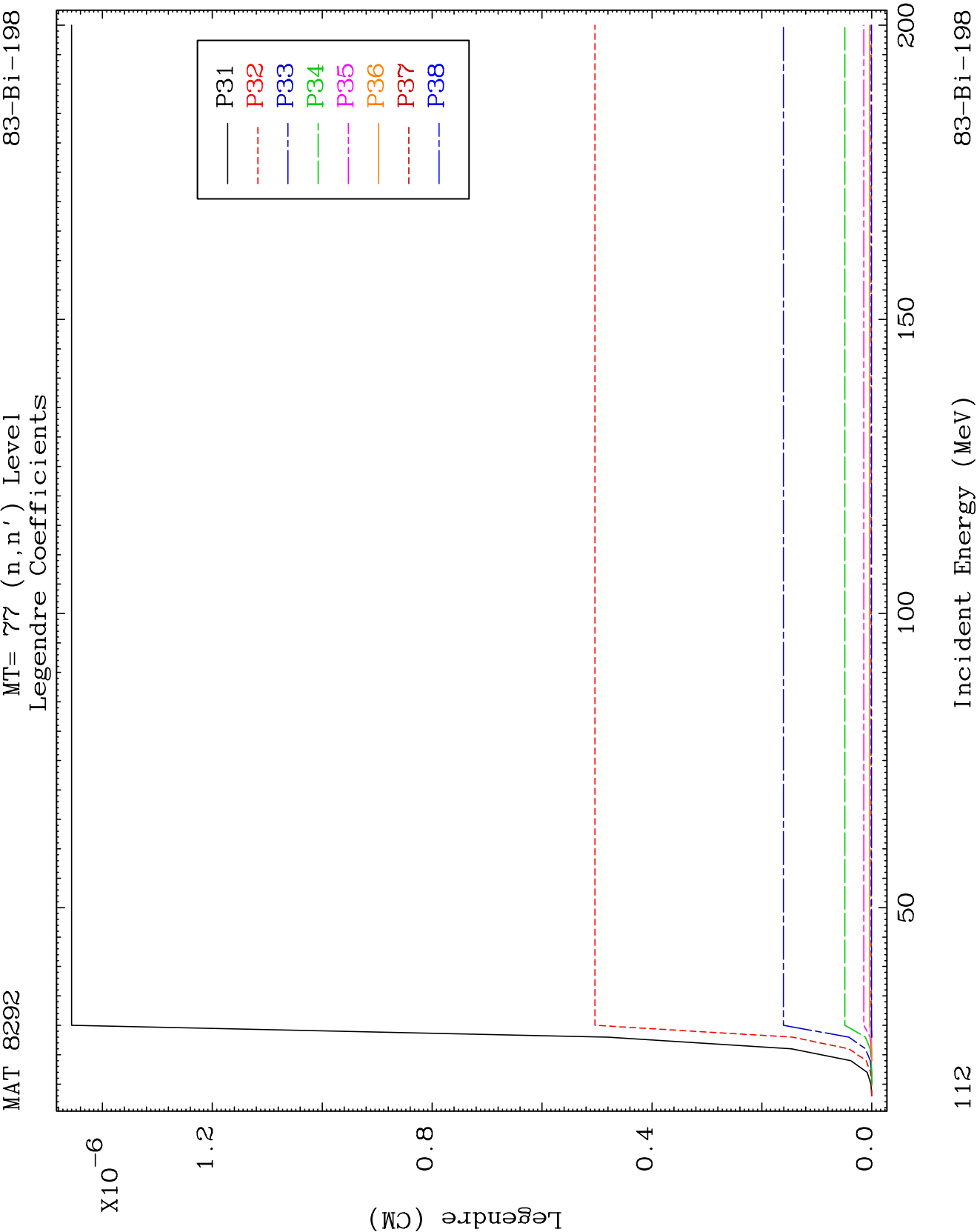
MAT 8292

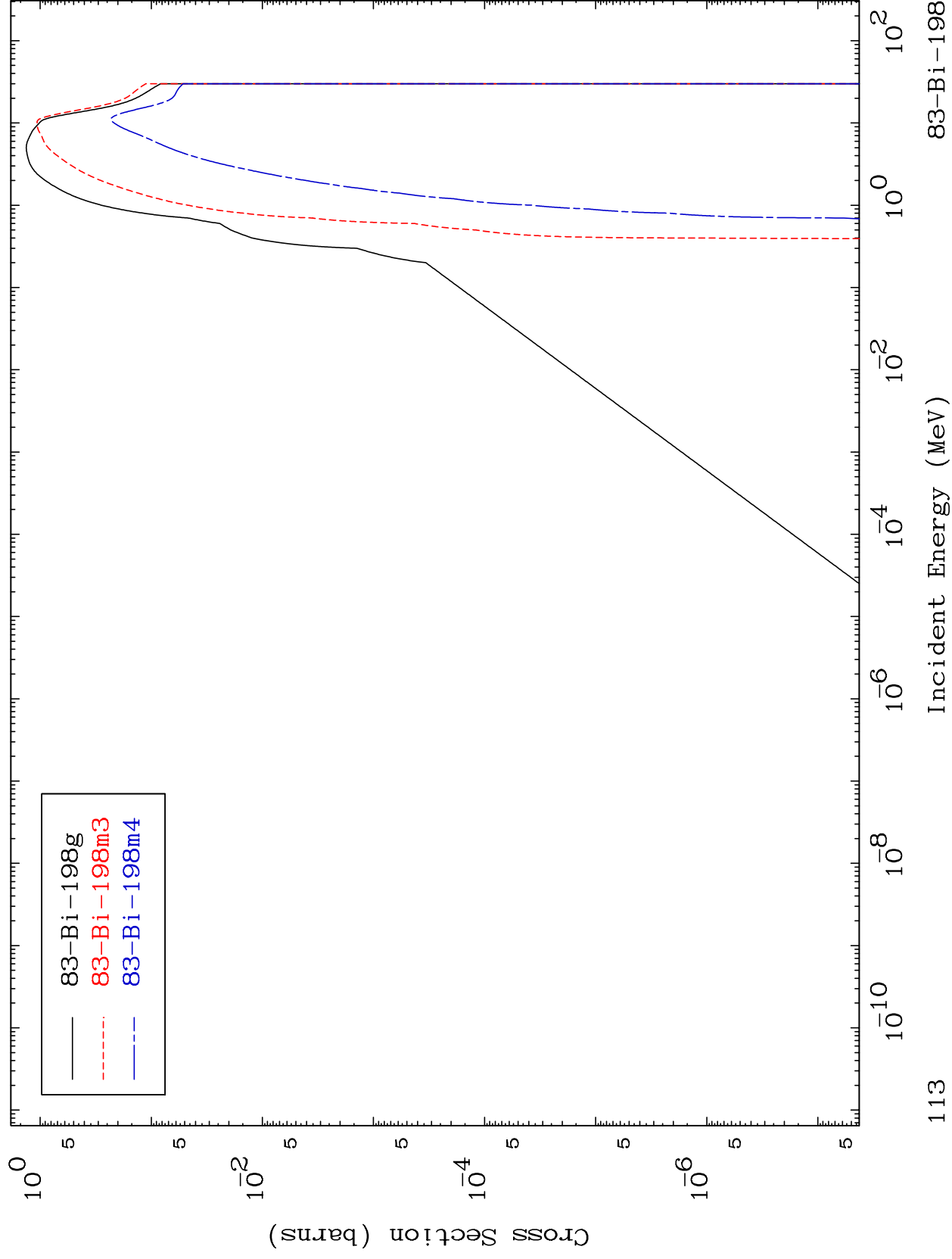
MT= 77 (n, n') Level
Legendre Coefficients

83-Bi-198

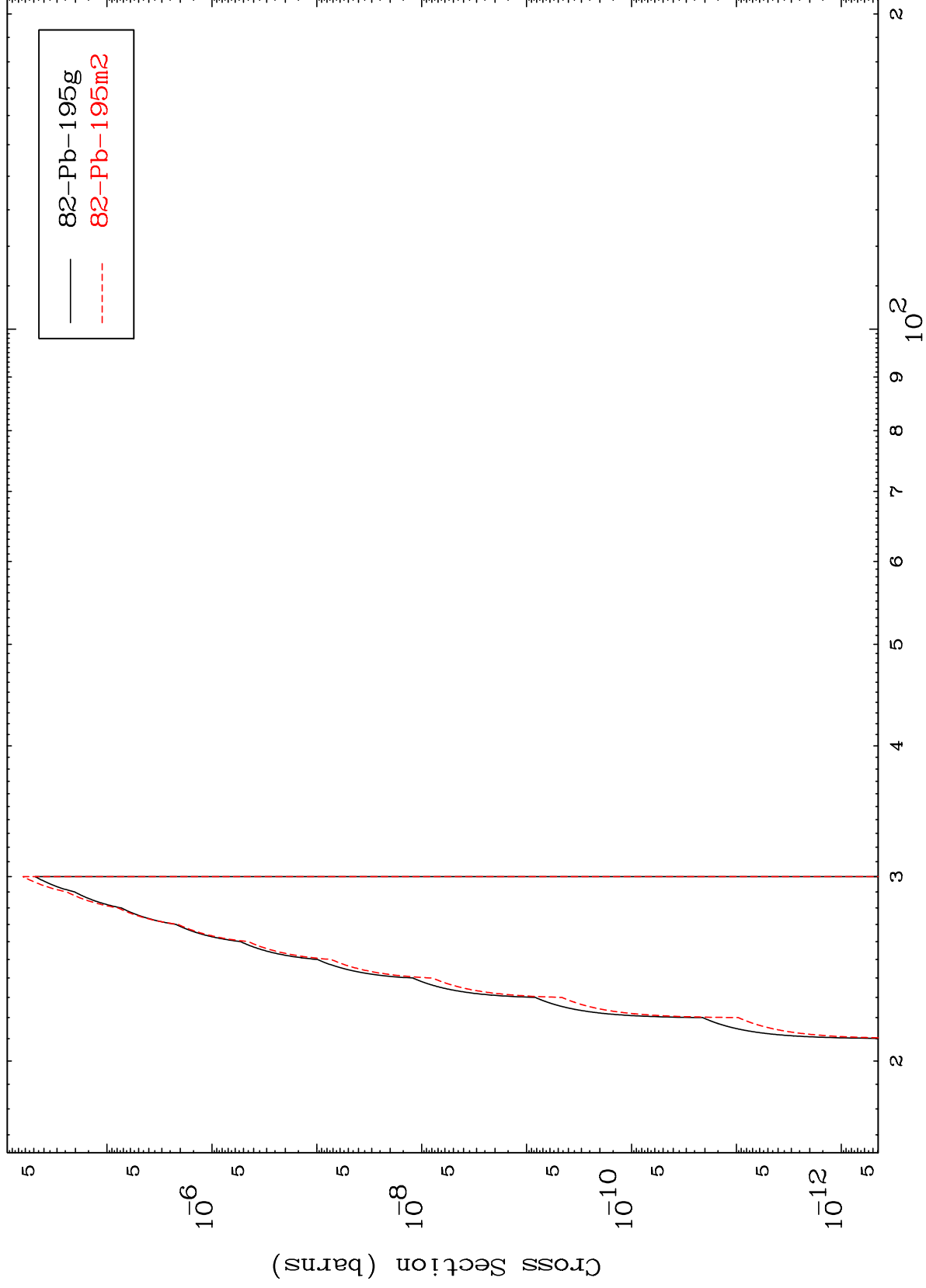




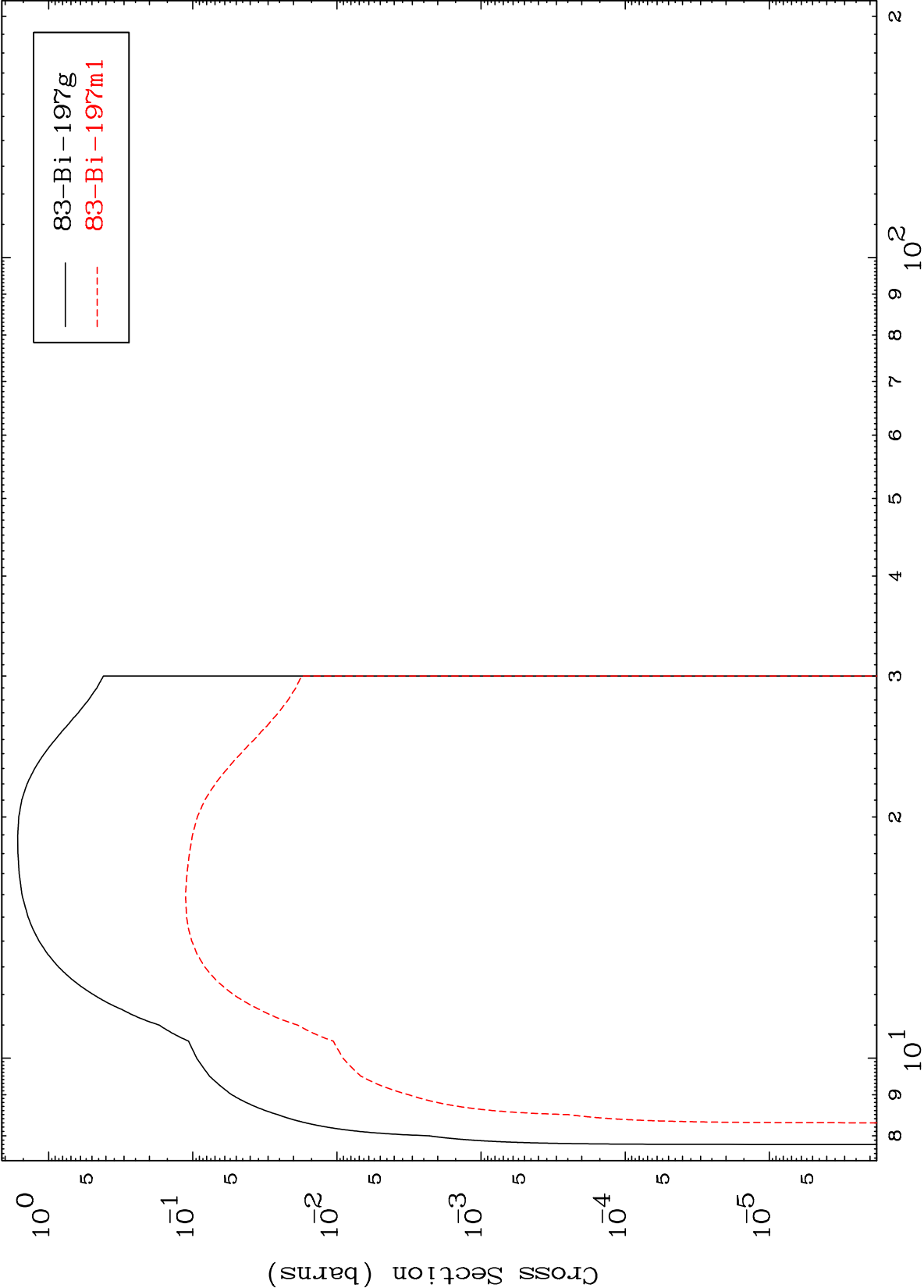


Inelastic
Radionuclide Production Cross Section

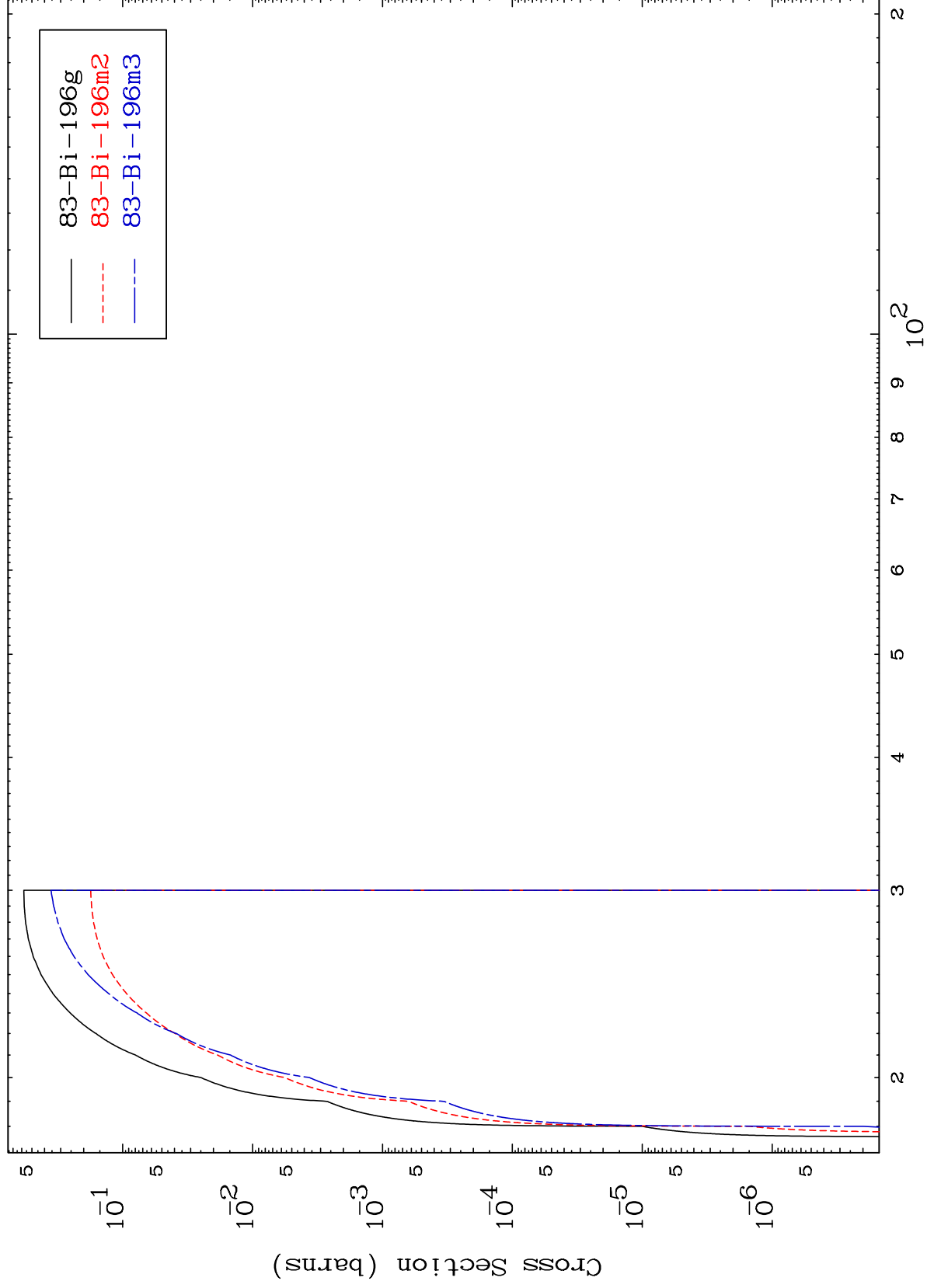
(n,2n) d
Radionuclide Production Cross Section



(n,2n)
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

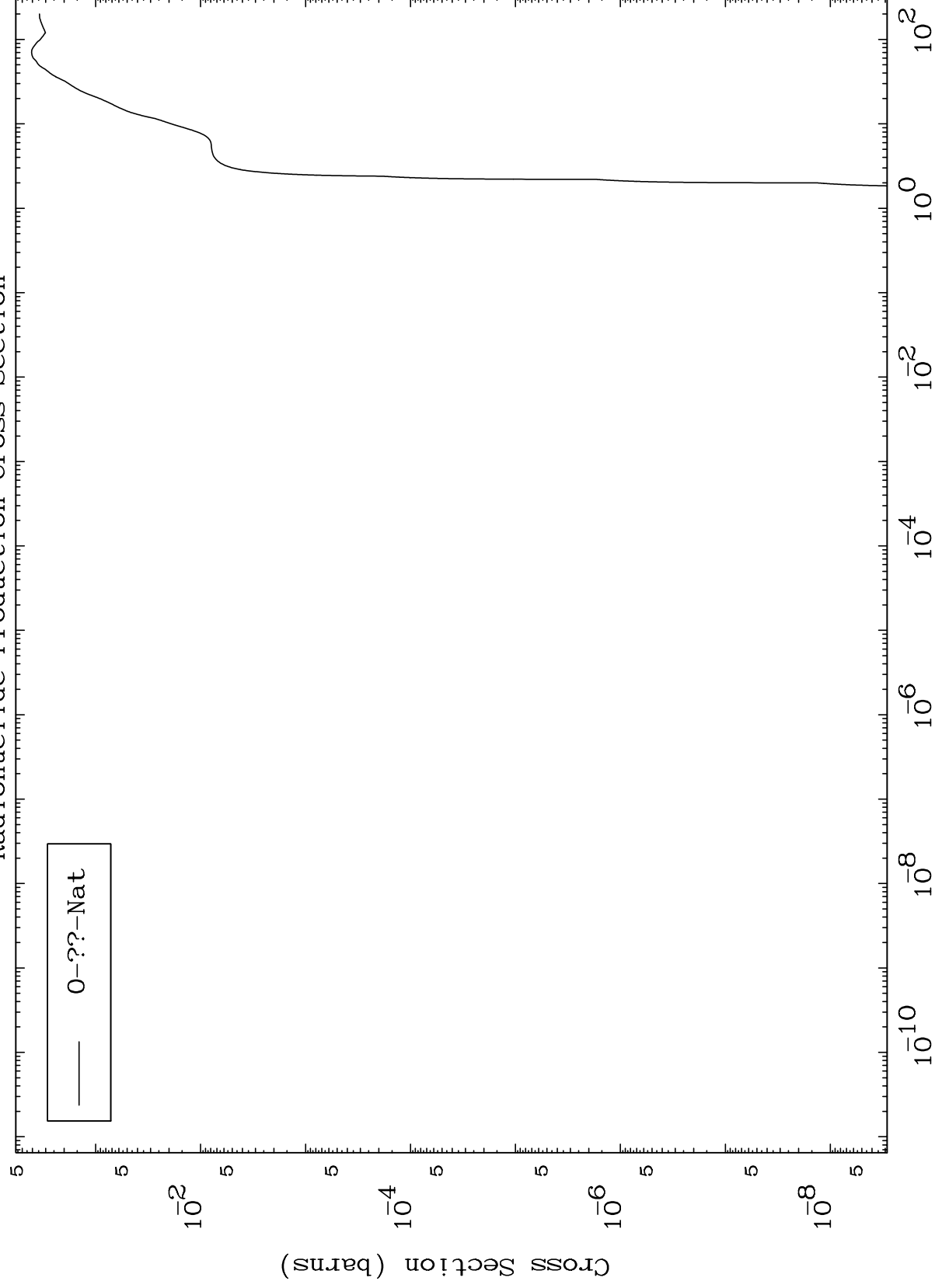


MAT 8292

Fission

83-Bi-198

Radionuclide Production Cross Section



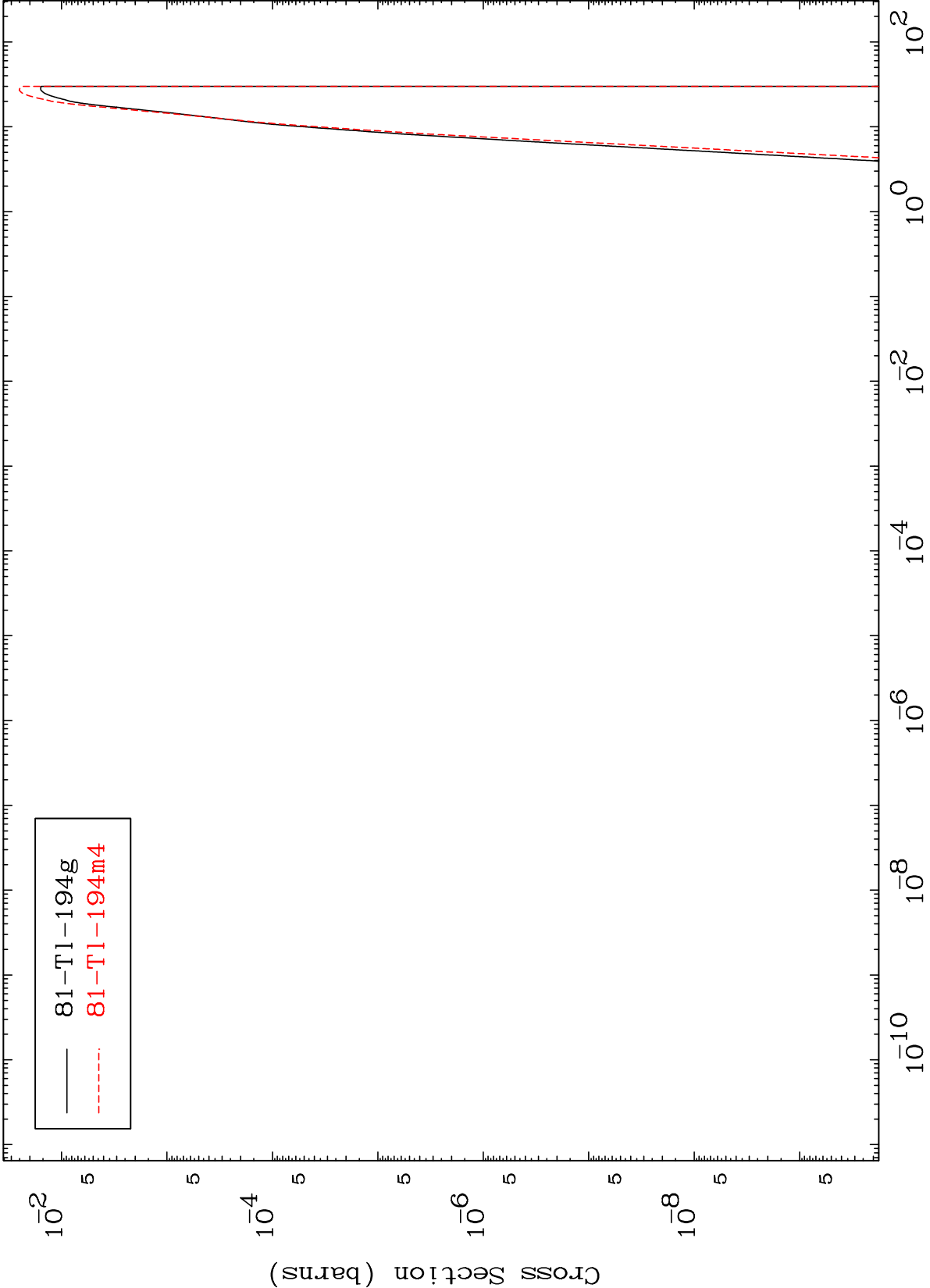
0-??-Nat

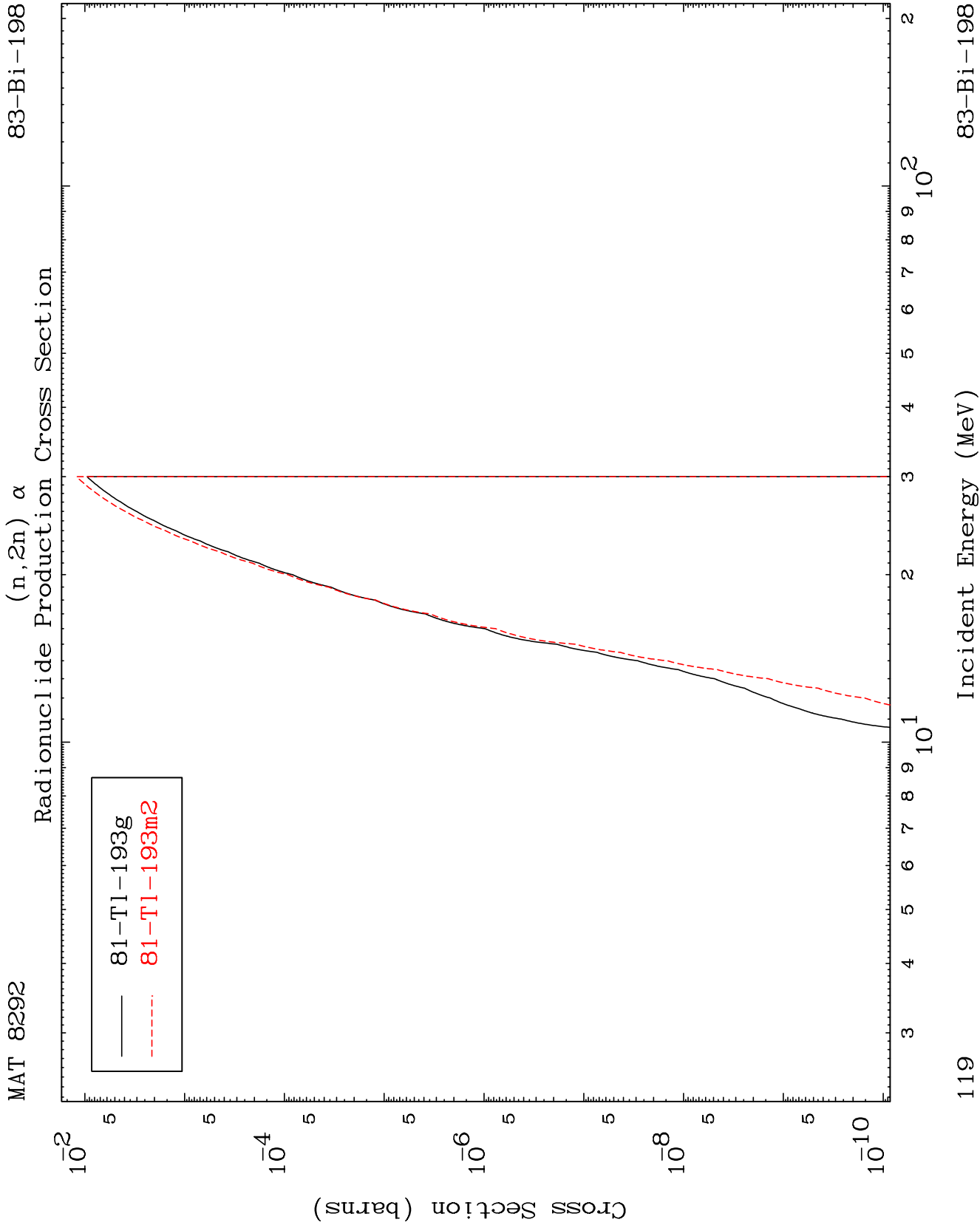
117

Incident Energy (MeV)

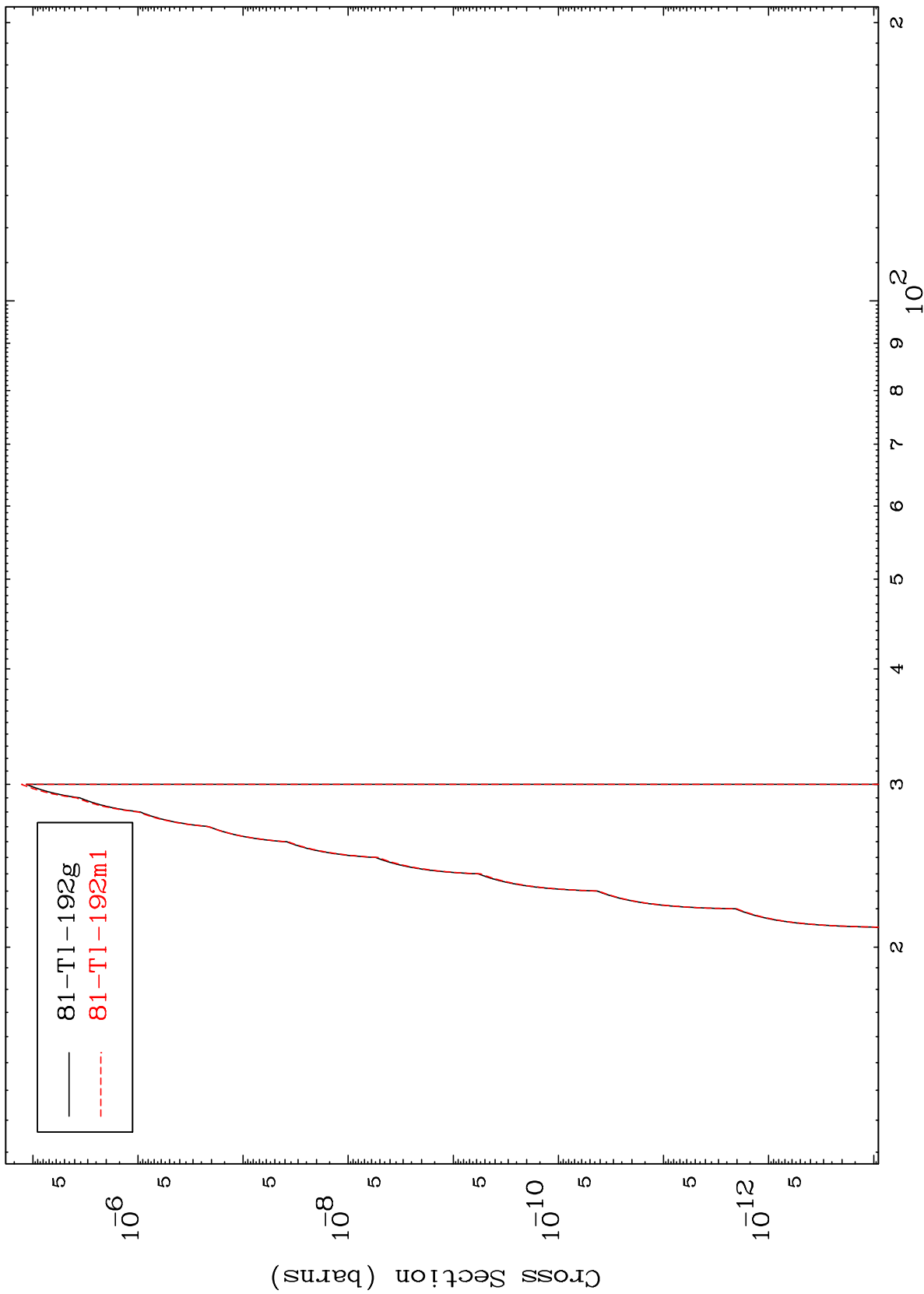
83-Bi-198

Radionuclide Production Cross Section





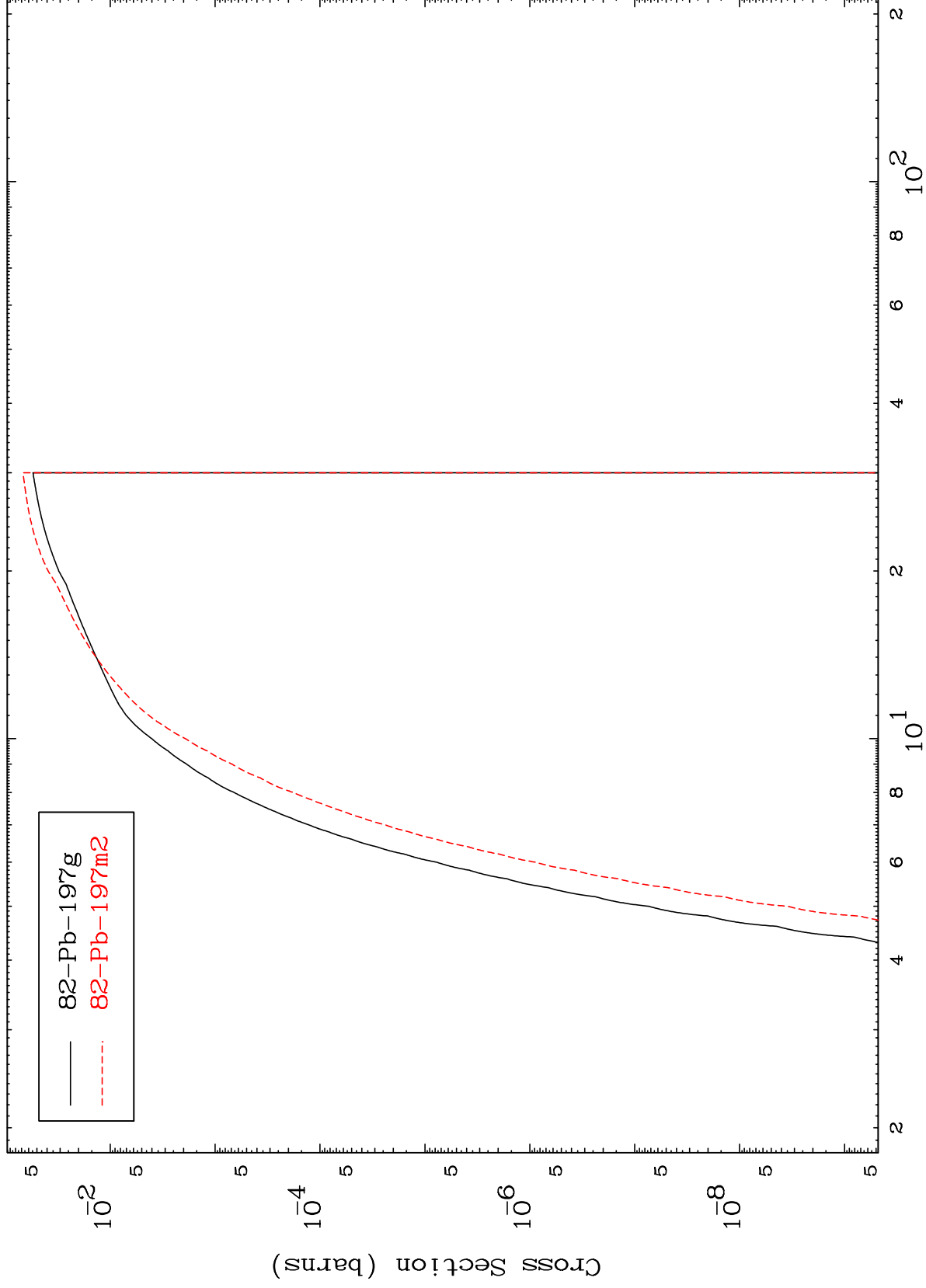
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

Radionuclide Production Cross Section
(n,n') p

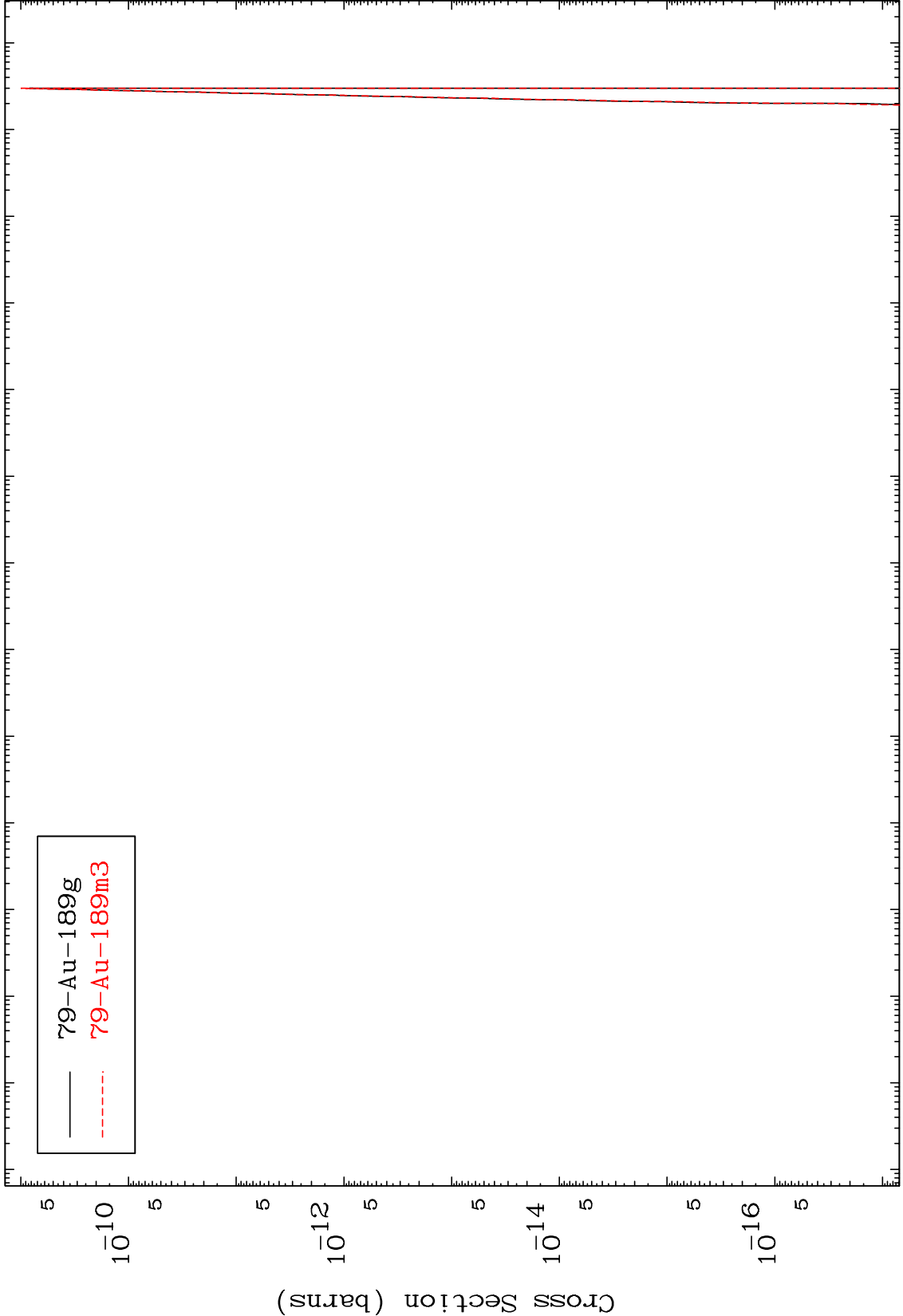


121

Incident Energy (MeV)

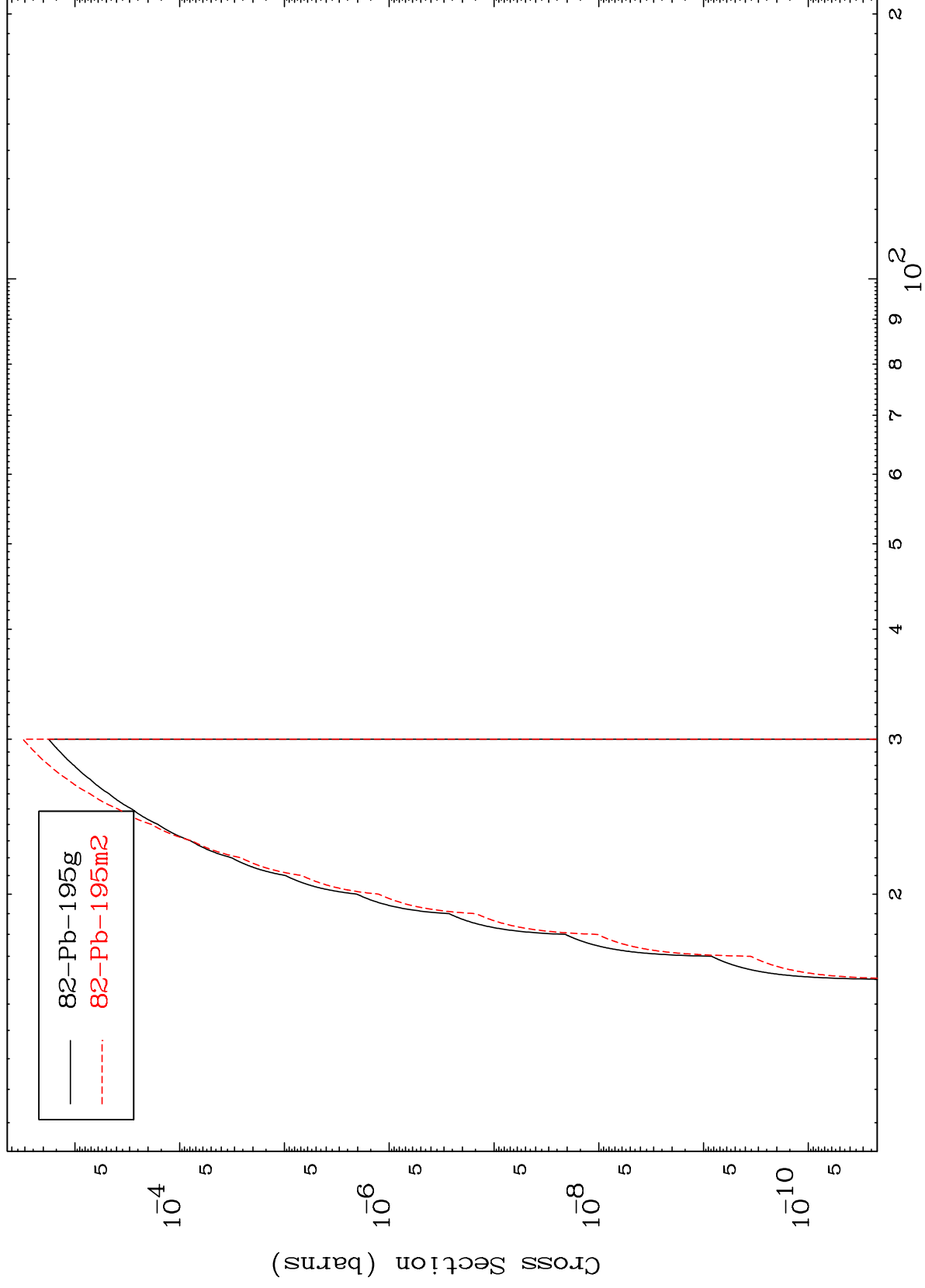
83-Bi-198

Radionuclide Production Cross Section



— $^{79}\text{Au-189g}$
- - - $^{79}\text{Au-189m3}$

Radionuclide Production Cross Section
(n,n') t

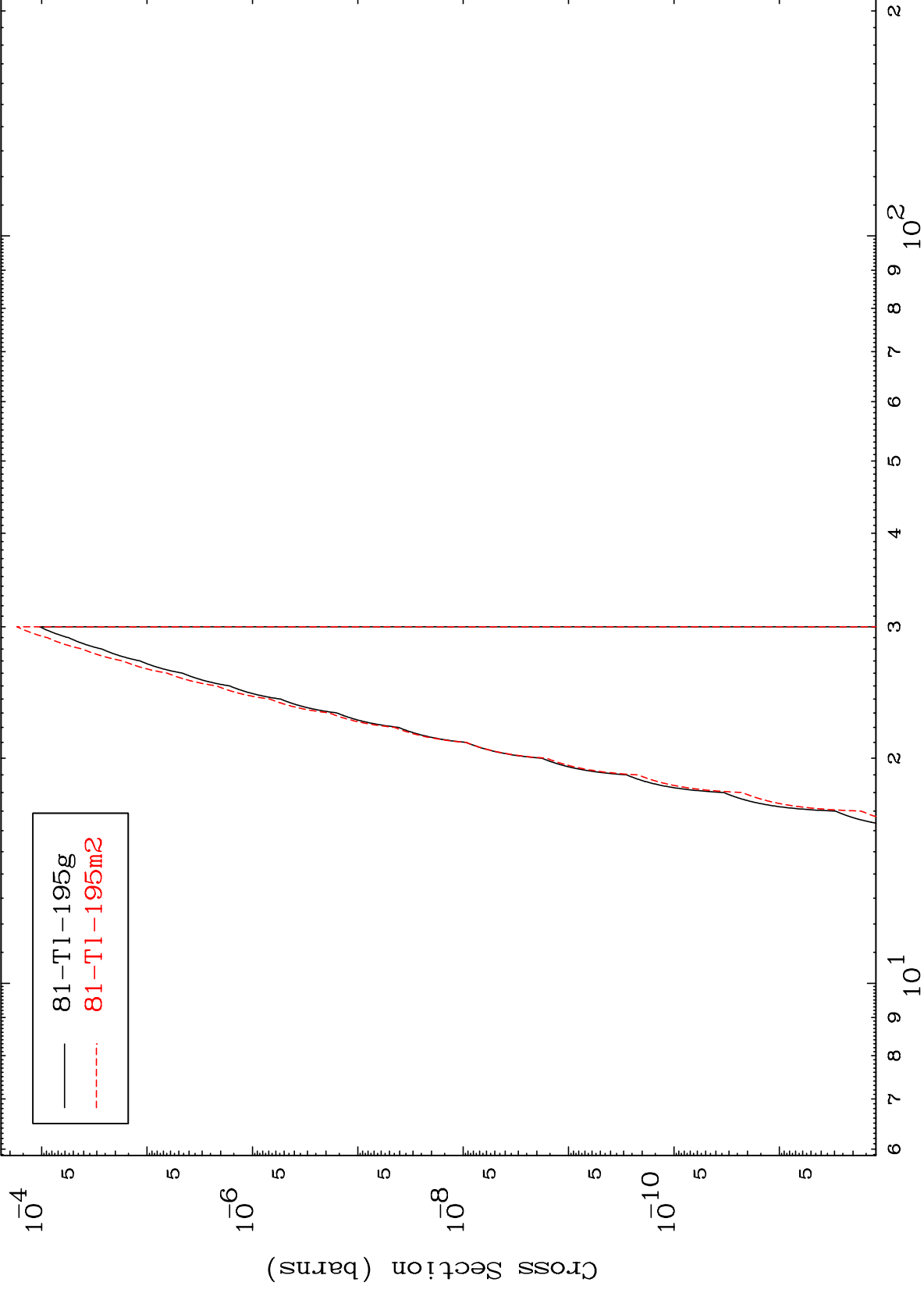


MAT 8292

(n,n') He-3

83-Bi-198

Radionuclide Production Cross Section



124

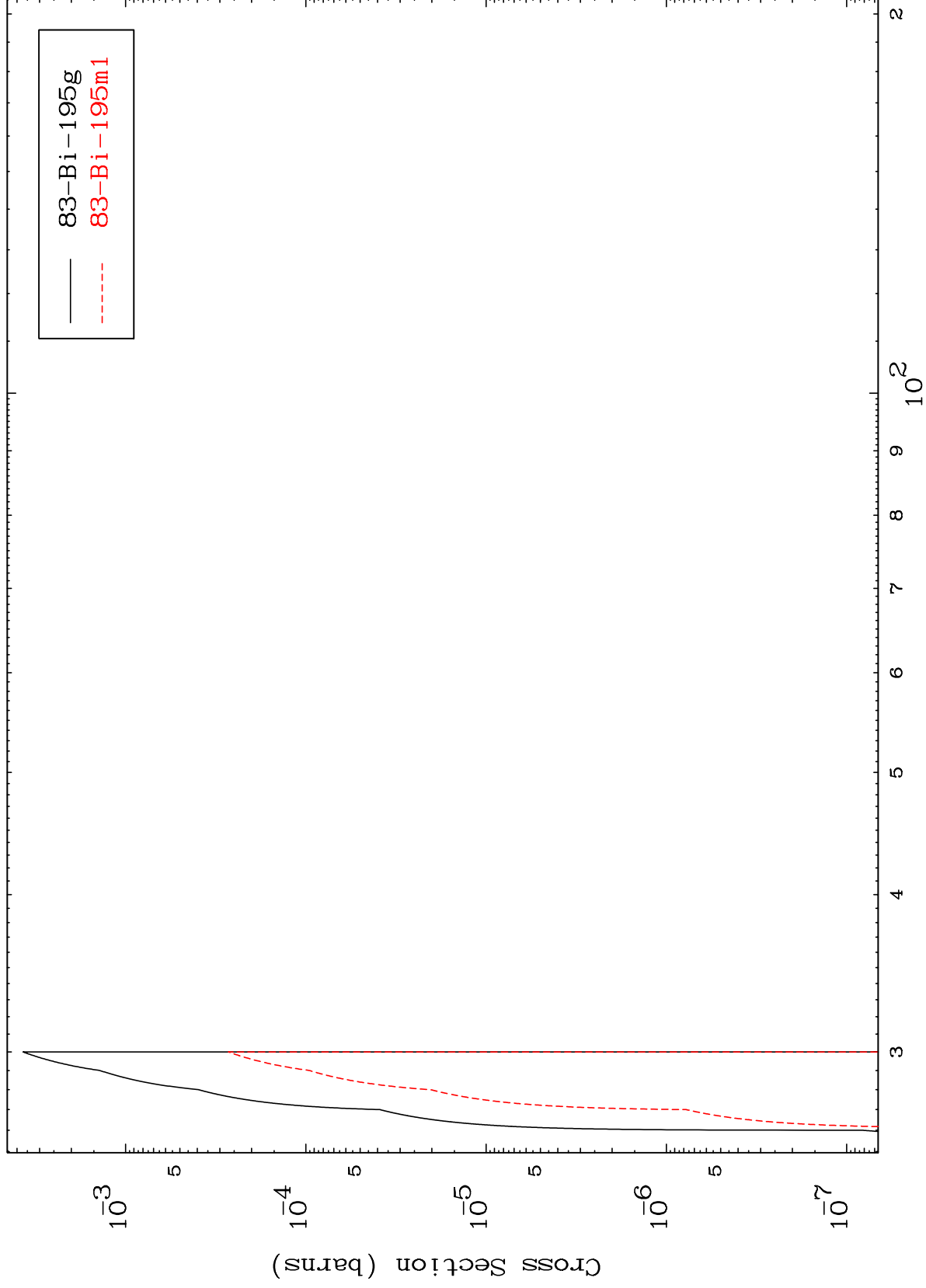
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(n,4n)
Radionuclide Production Cross Section



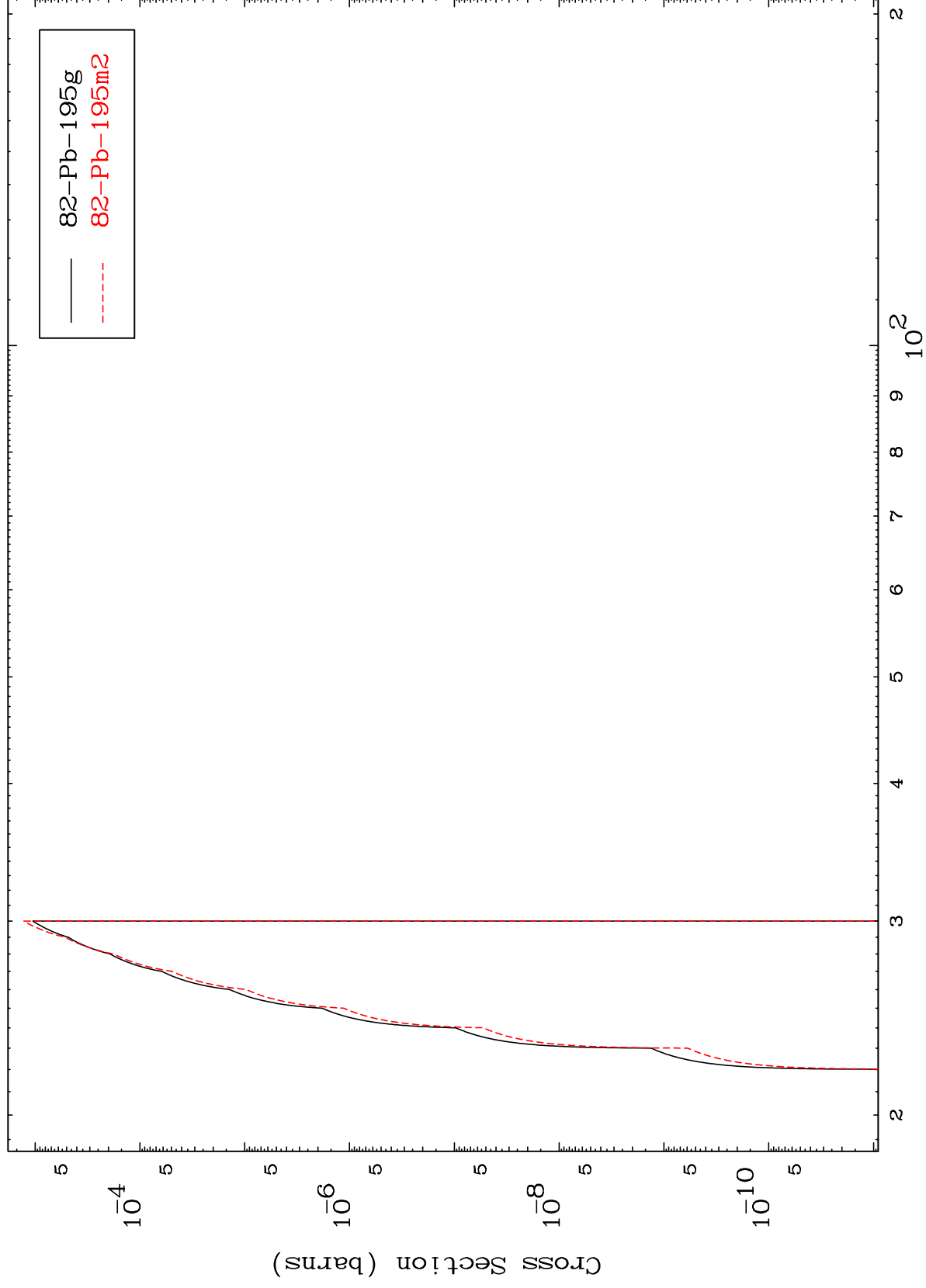
125

83-Bi-198

MAT 8292

83-Bi-198

(n,3n) p
Radionuclide Production Cross Section



126

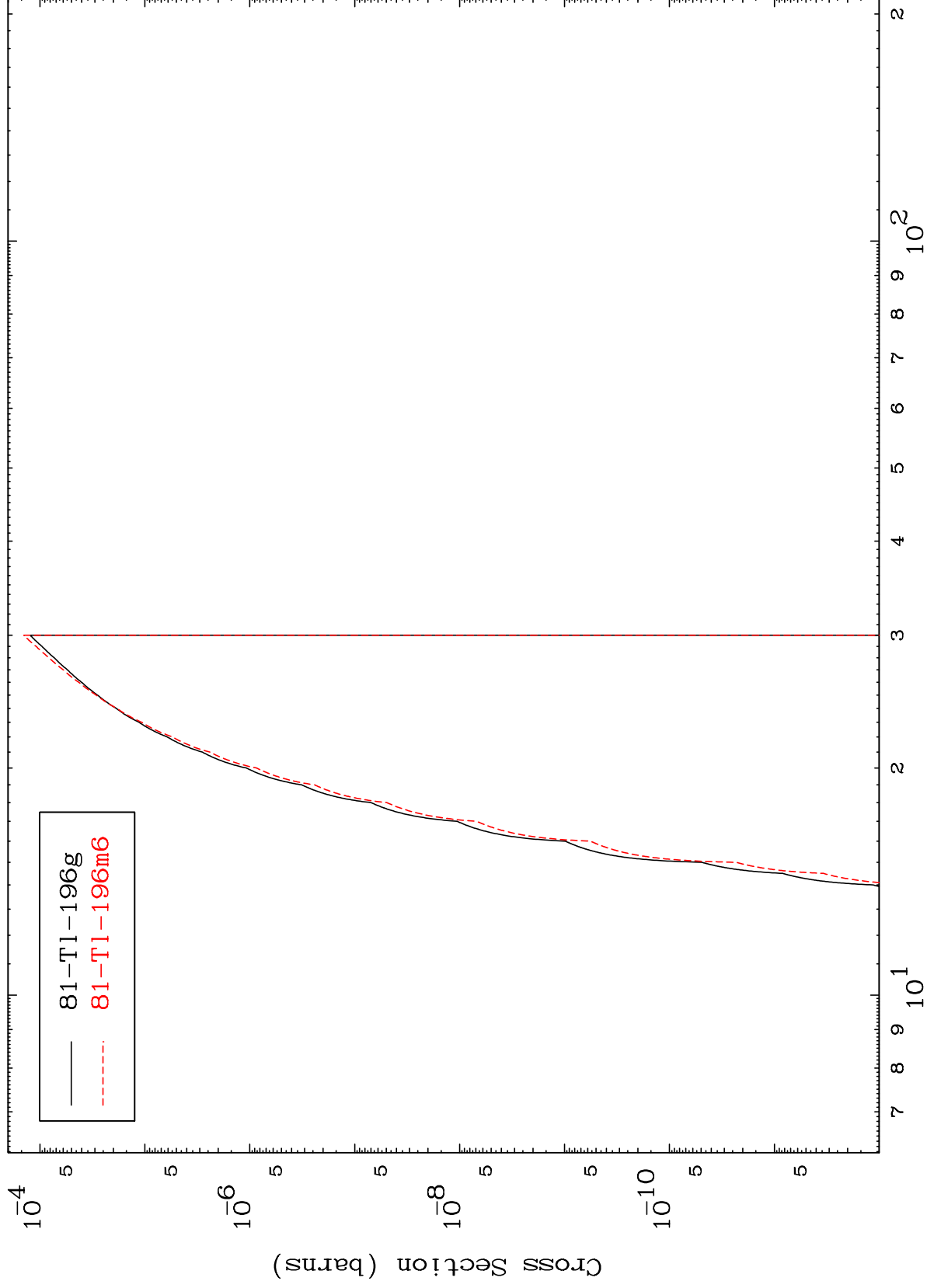
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(n,2n) p
Radionuclide Production Cross Section

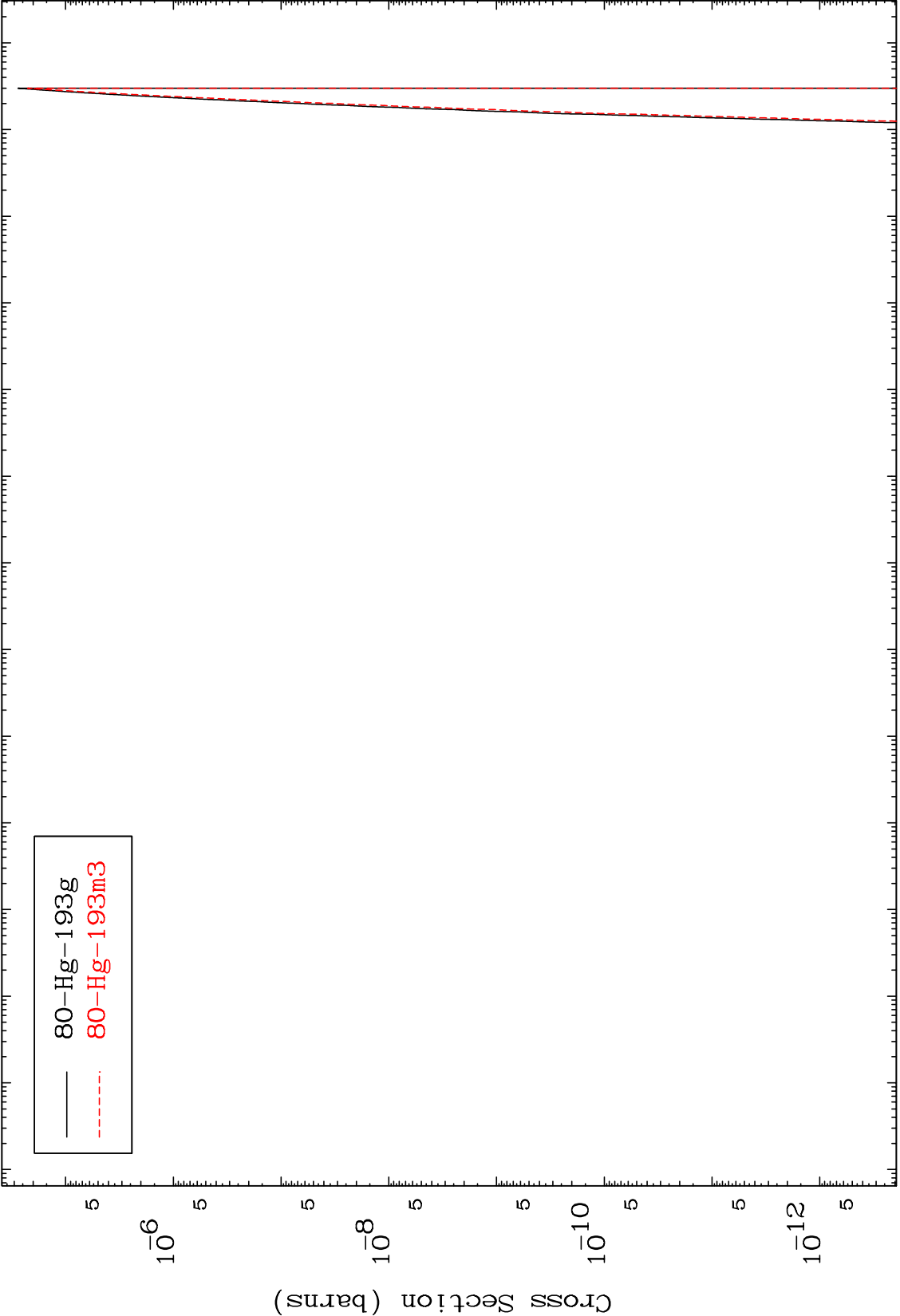


127

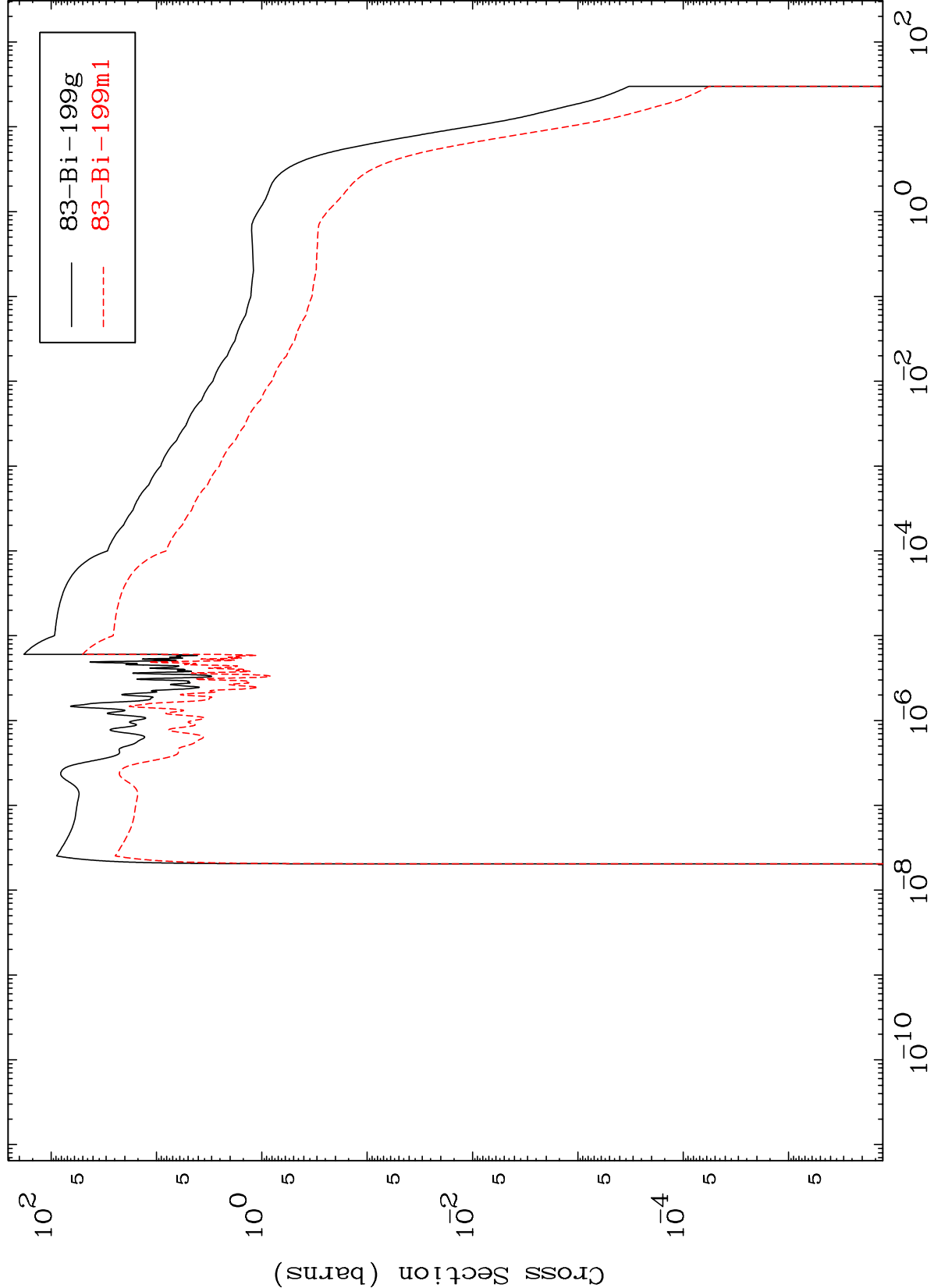
Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, γ)

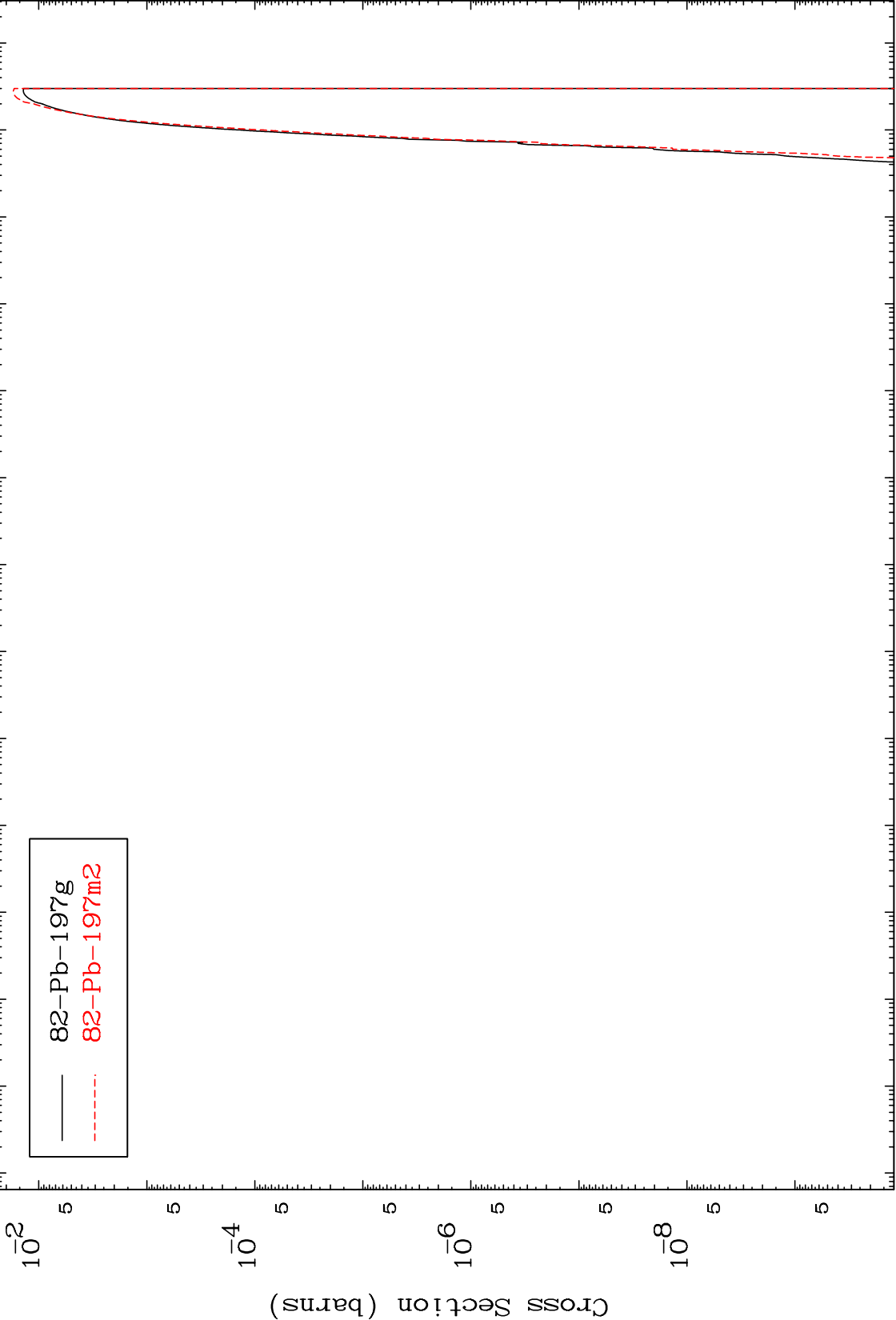


MAT 8292

(n,d)

83-Bi-198

Radionuclide Production Cross Section

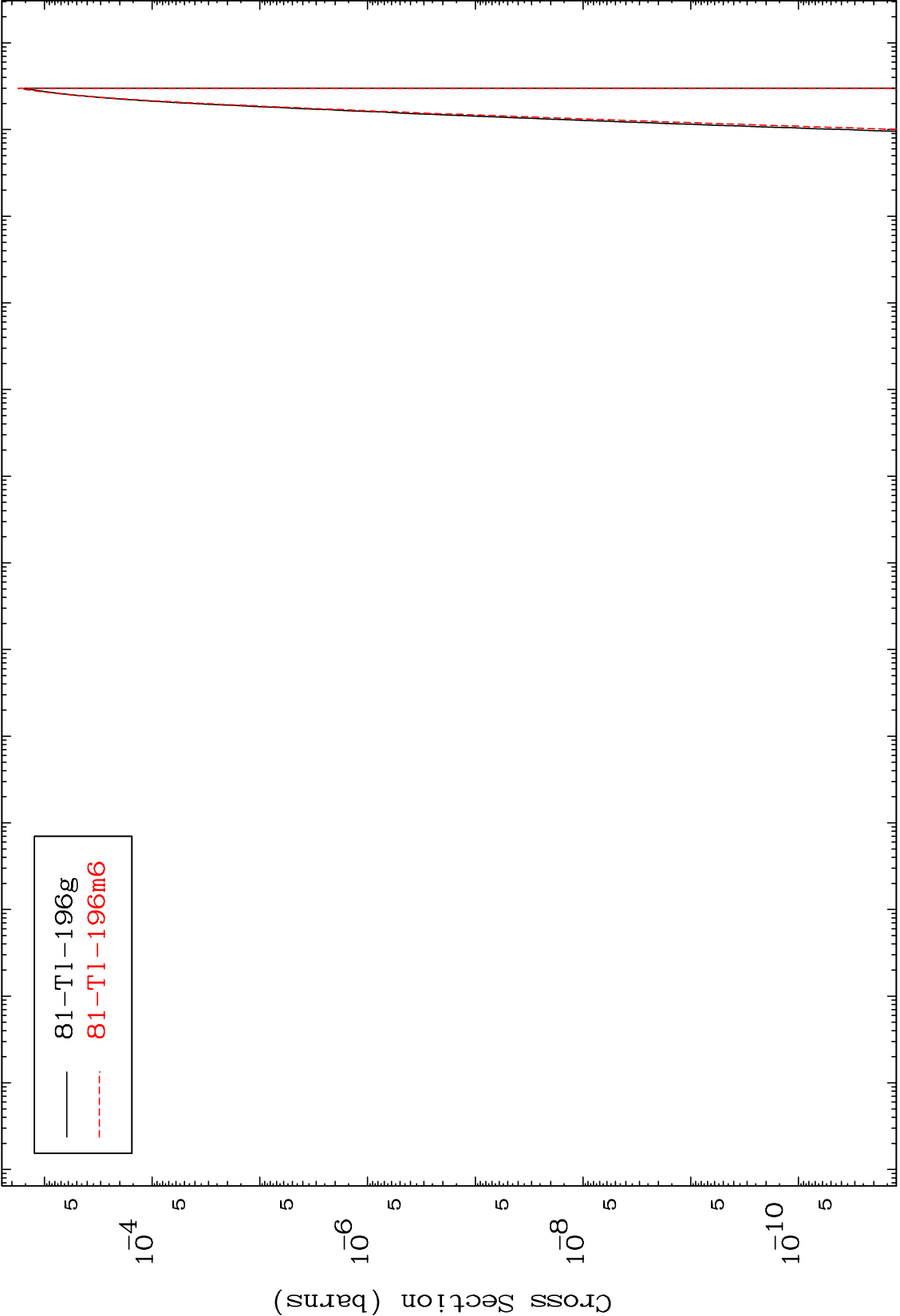


130

Incident Energy (MeV)

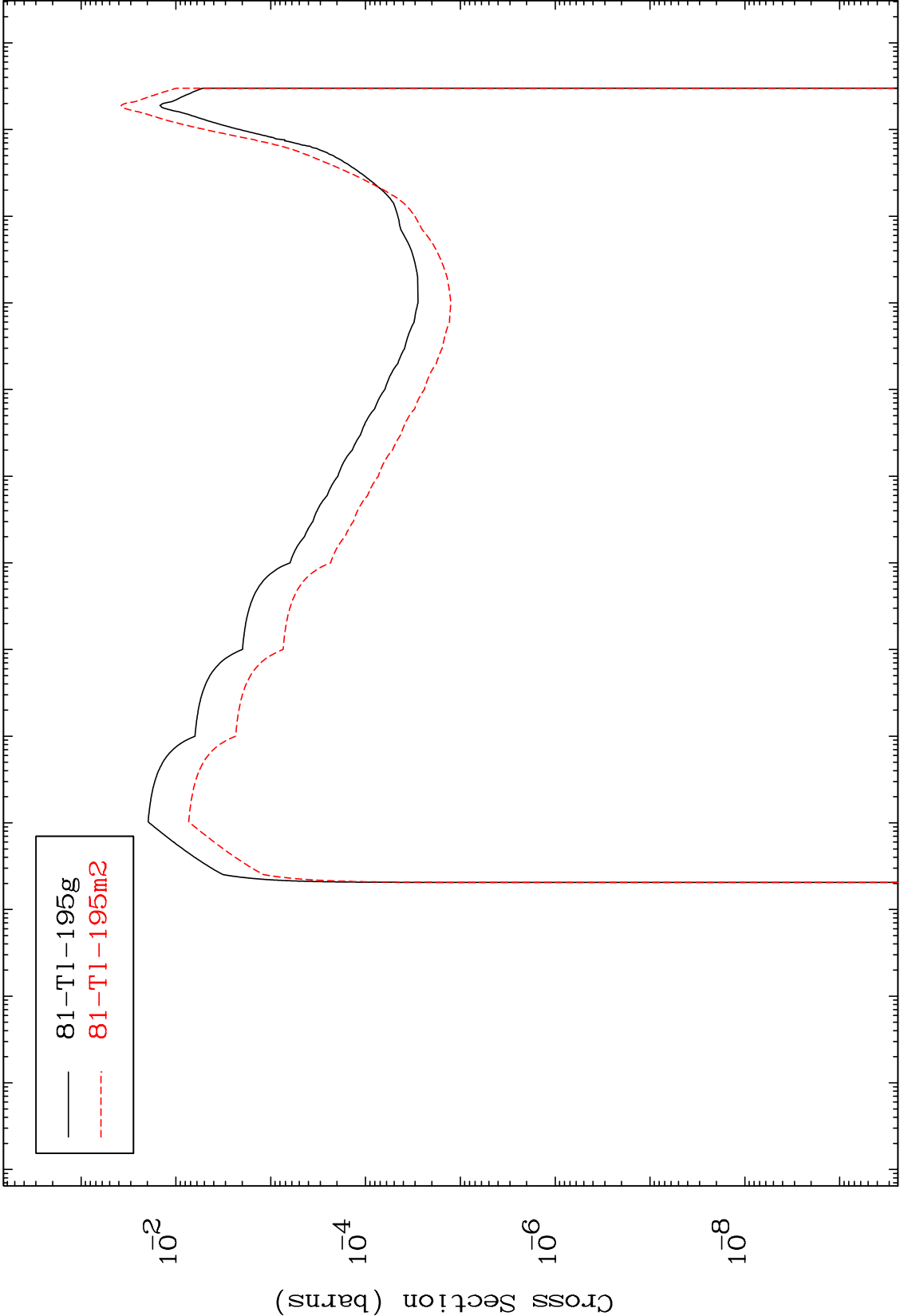
83-Bi-198

Radionuclide Production Cross Section

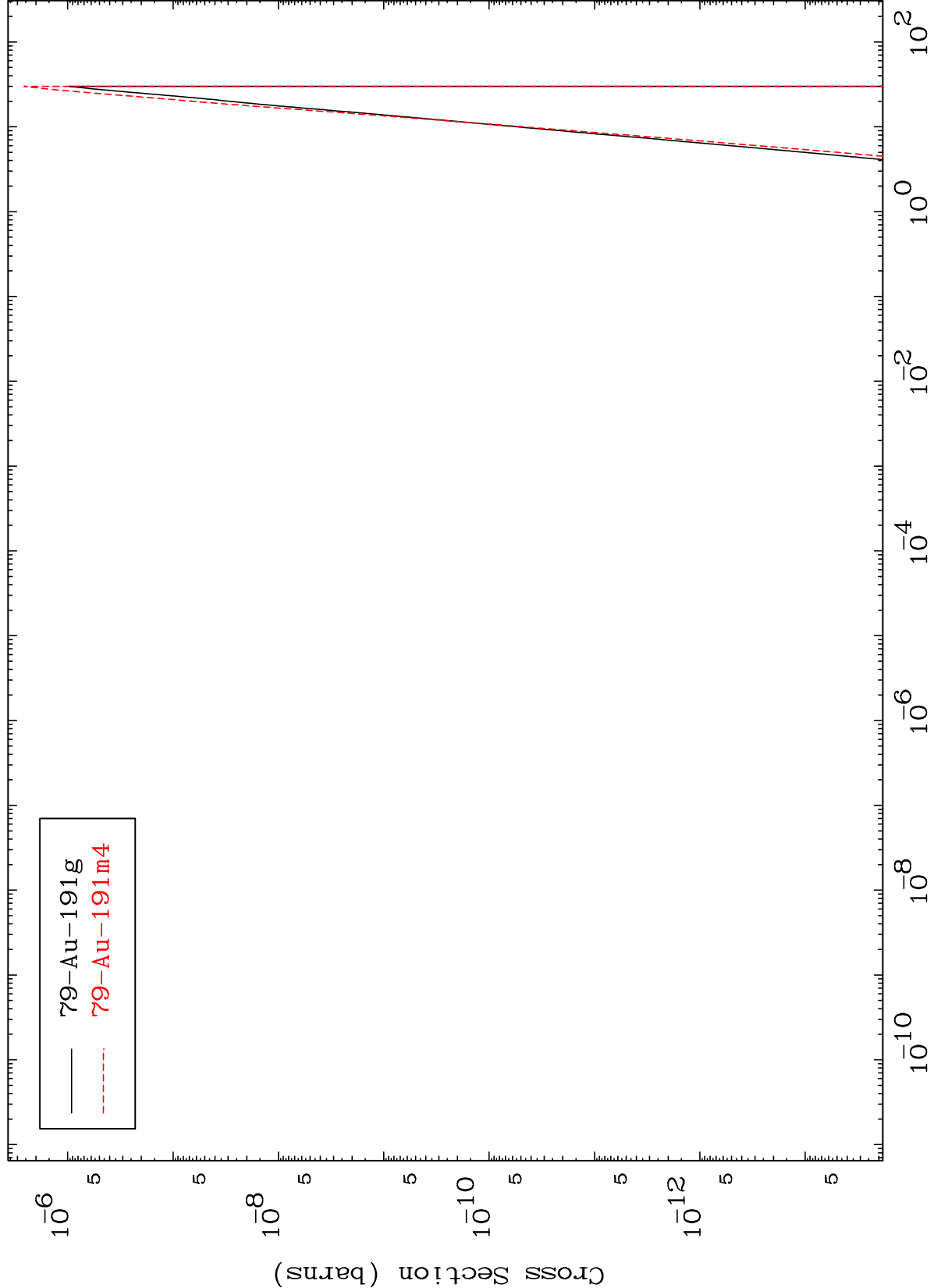


Radionuclide Production Cross Section

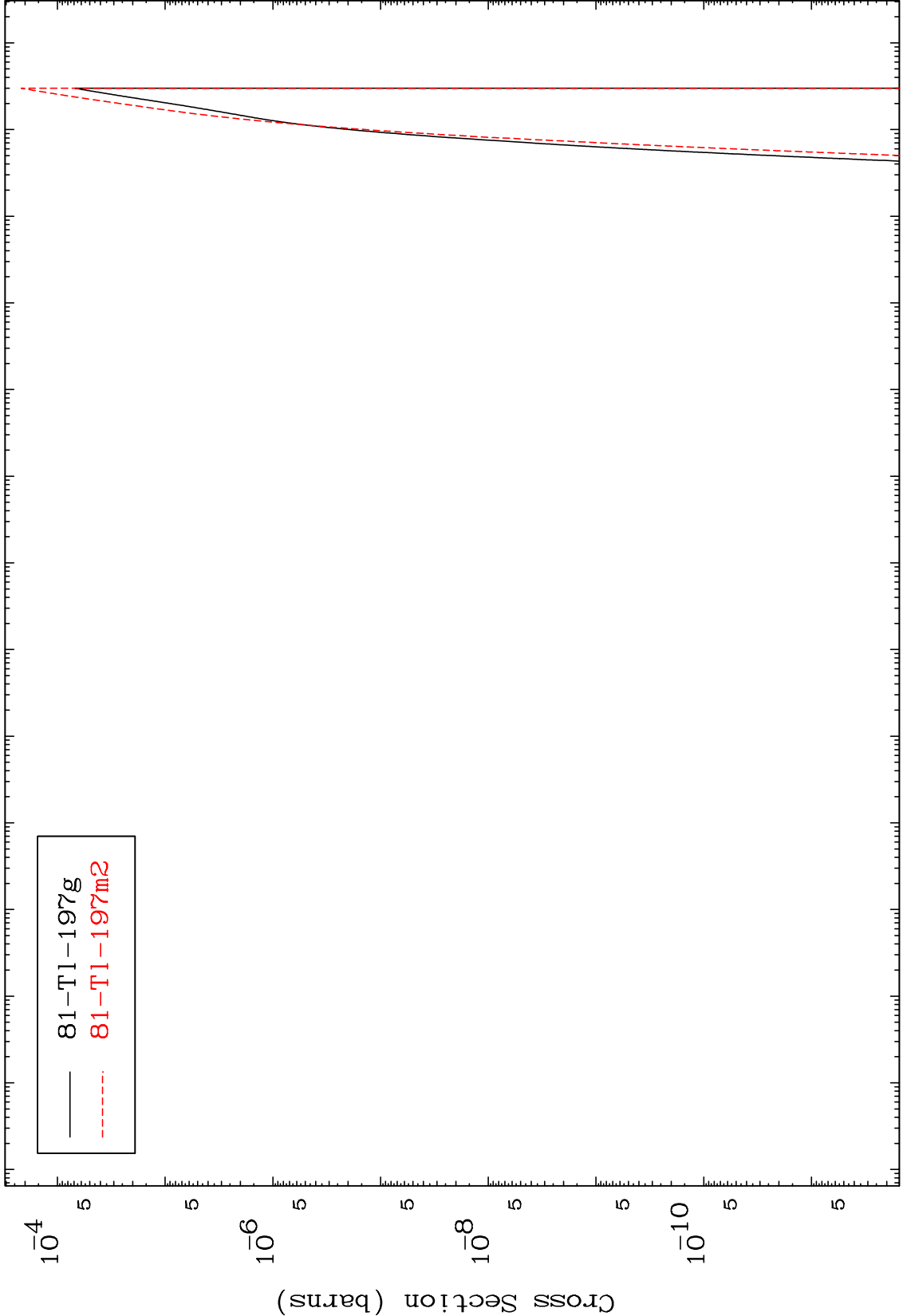
(n, α)



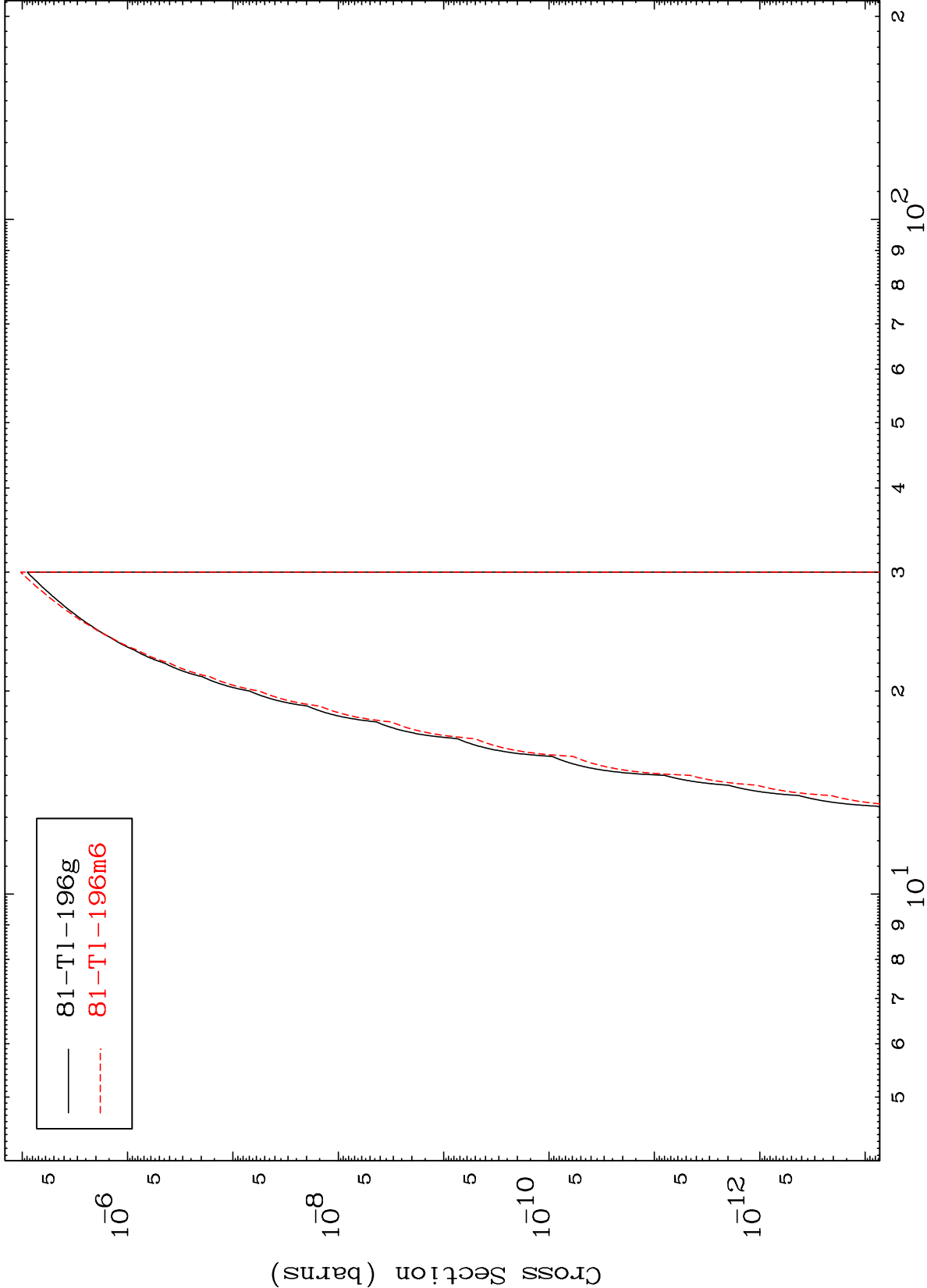
Radionuclide Production Cross Section
(n,2α)



Radionuclide Production Cross Section



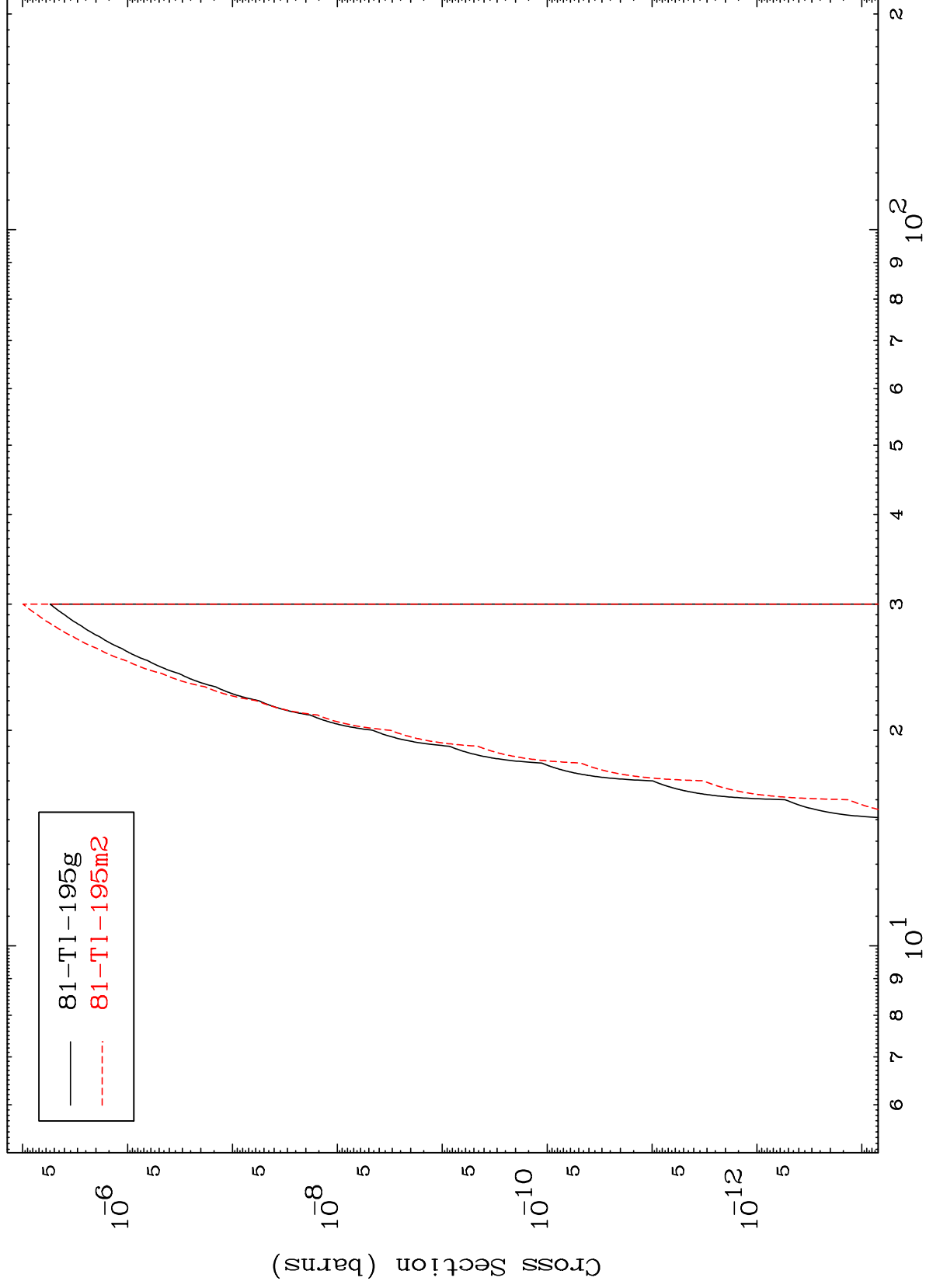
(n,p) d
Radionuclide Production Cross Section



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83-Bi-198

(n,p) t
Radionuclide Production Cross Section



136

Incident Energy (MeV)

83-Bi-198

(n,d) α
Radionuclide Production Cross Section

