

Program EVALPLOT
(Version 2021-1)

by

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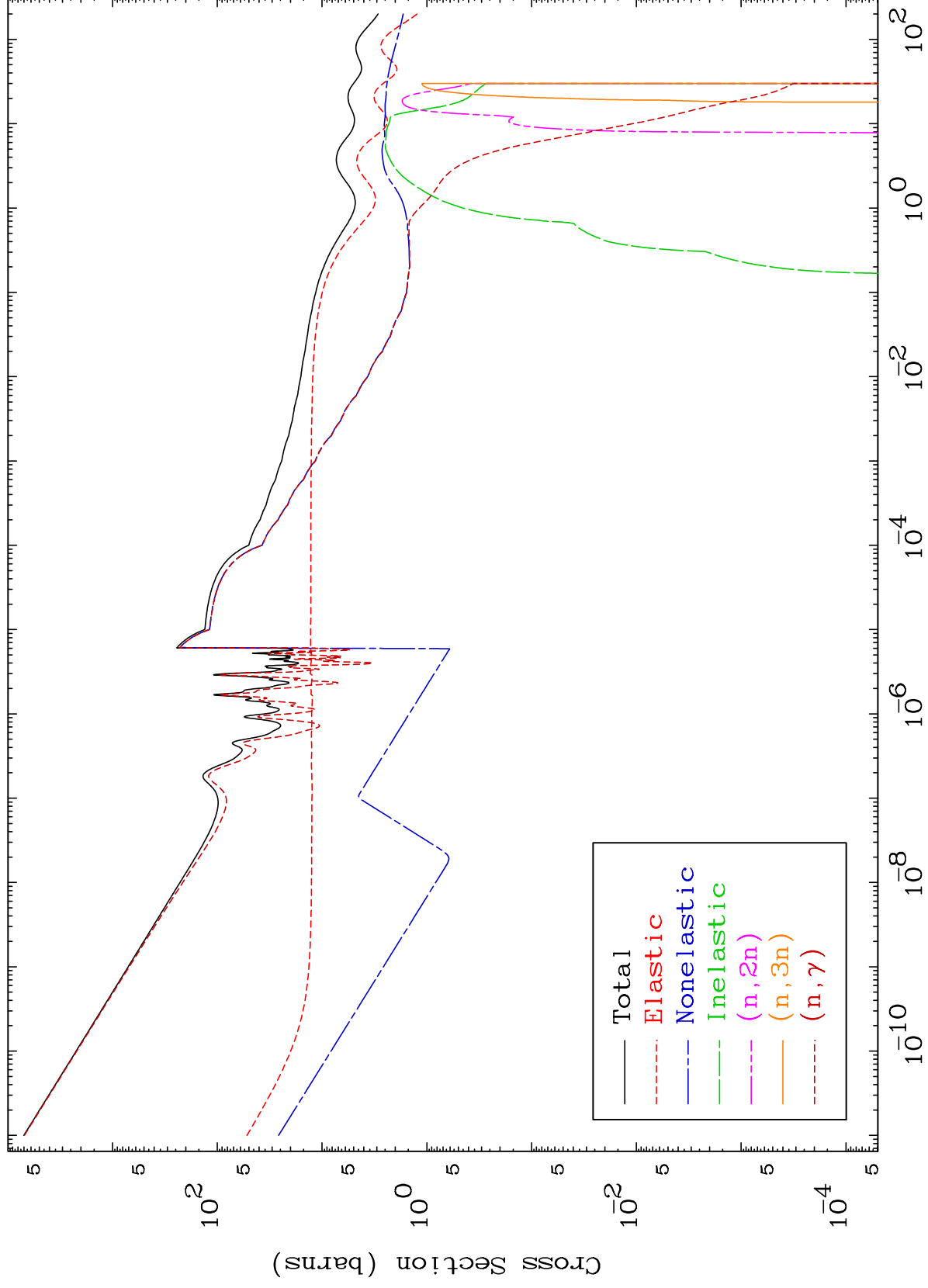
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

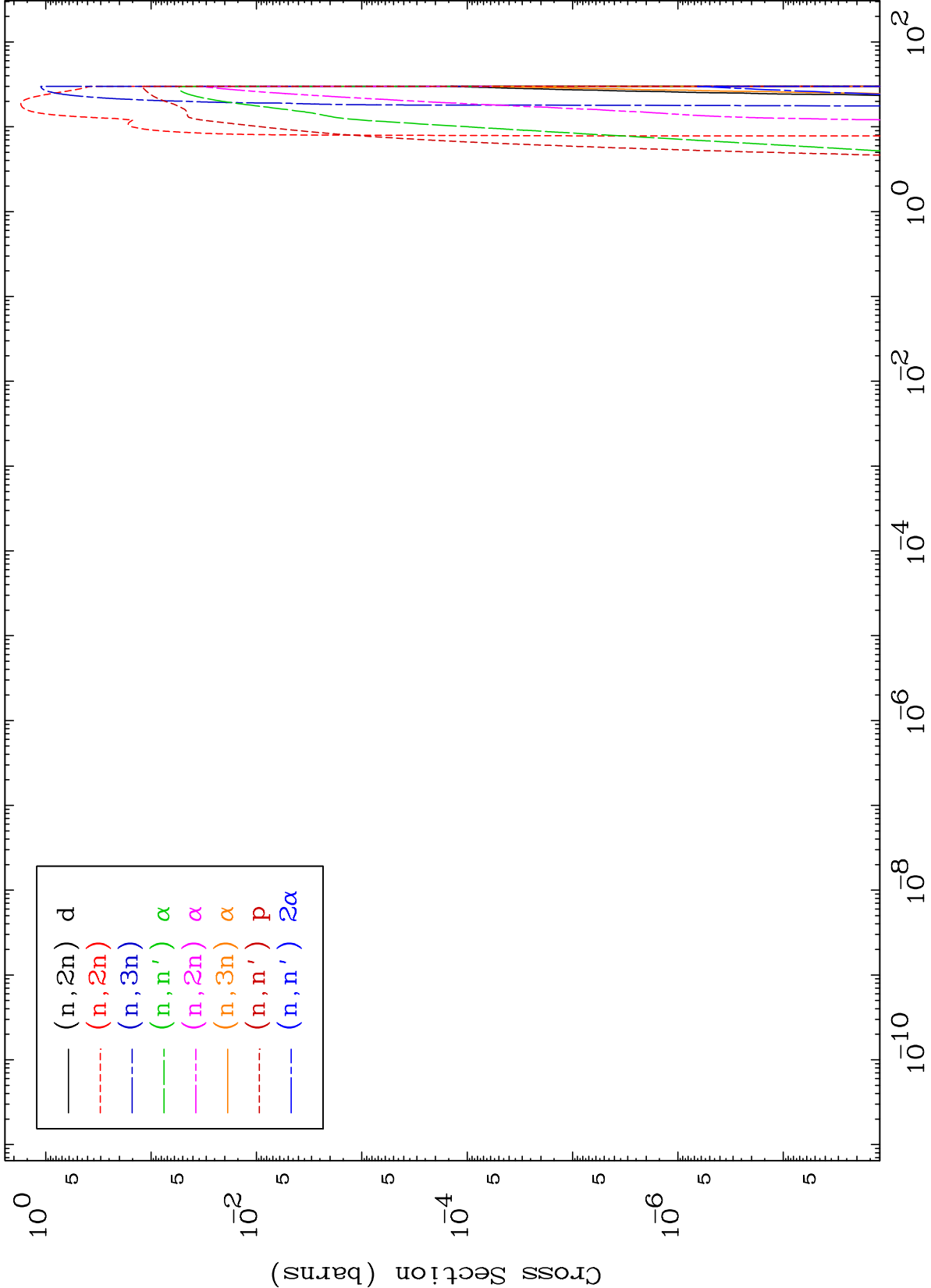
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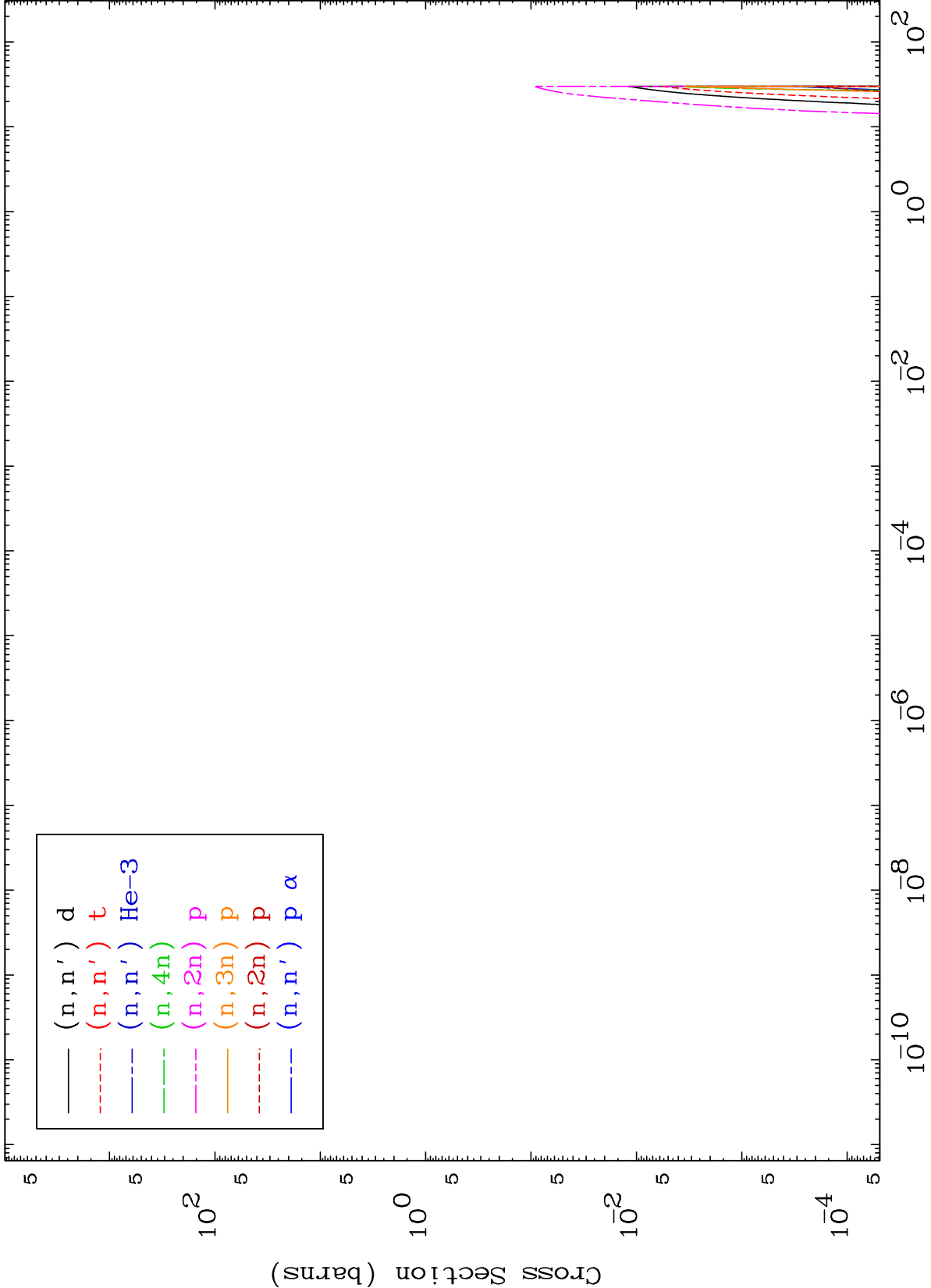
MAT 8292

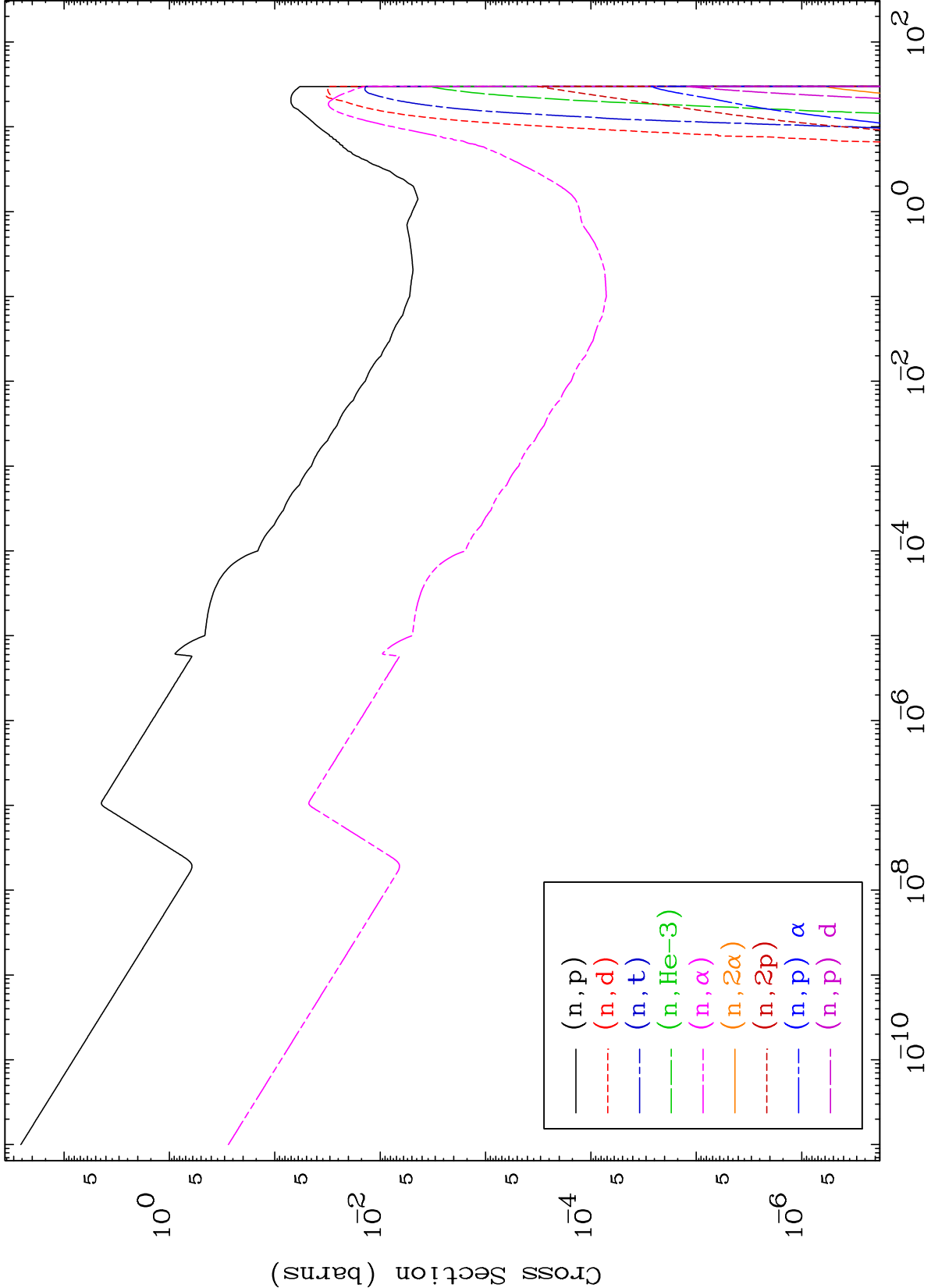
Neutron Major
293 Kelvin Cross Sections

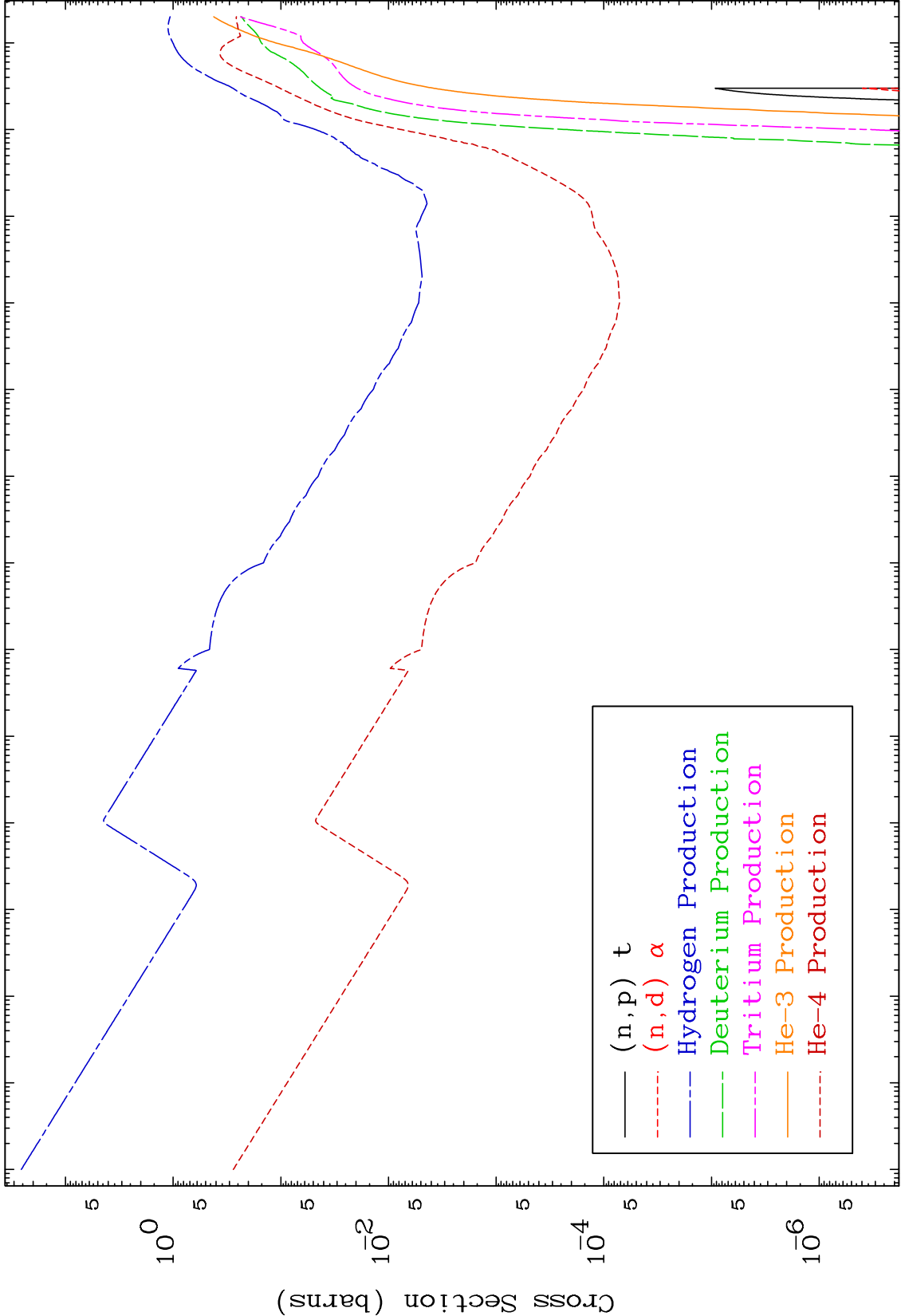
83-Bi-198

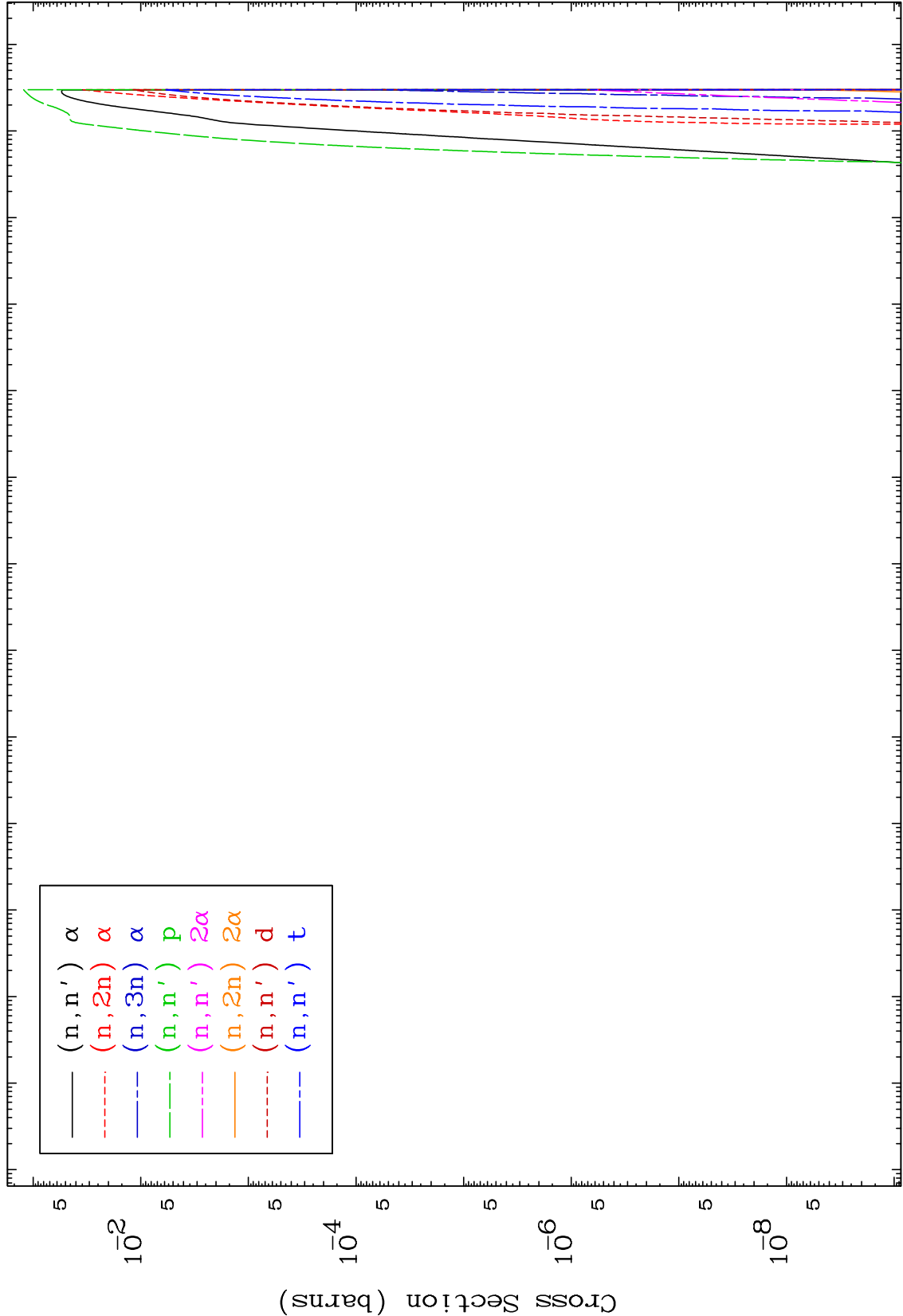


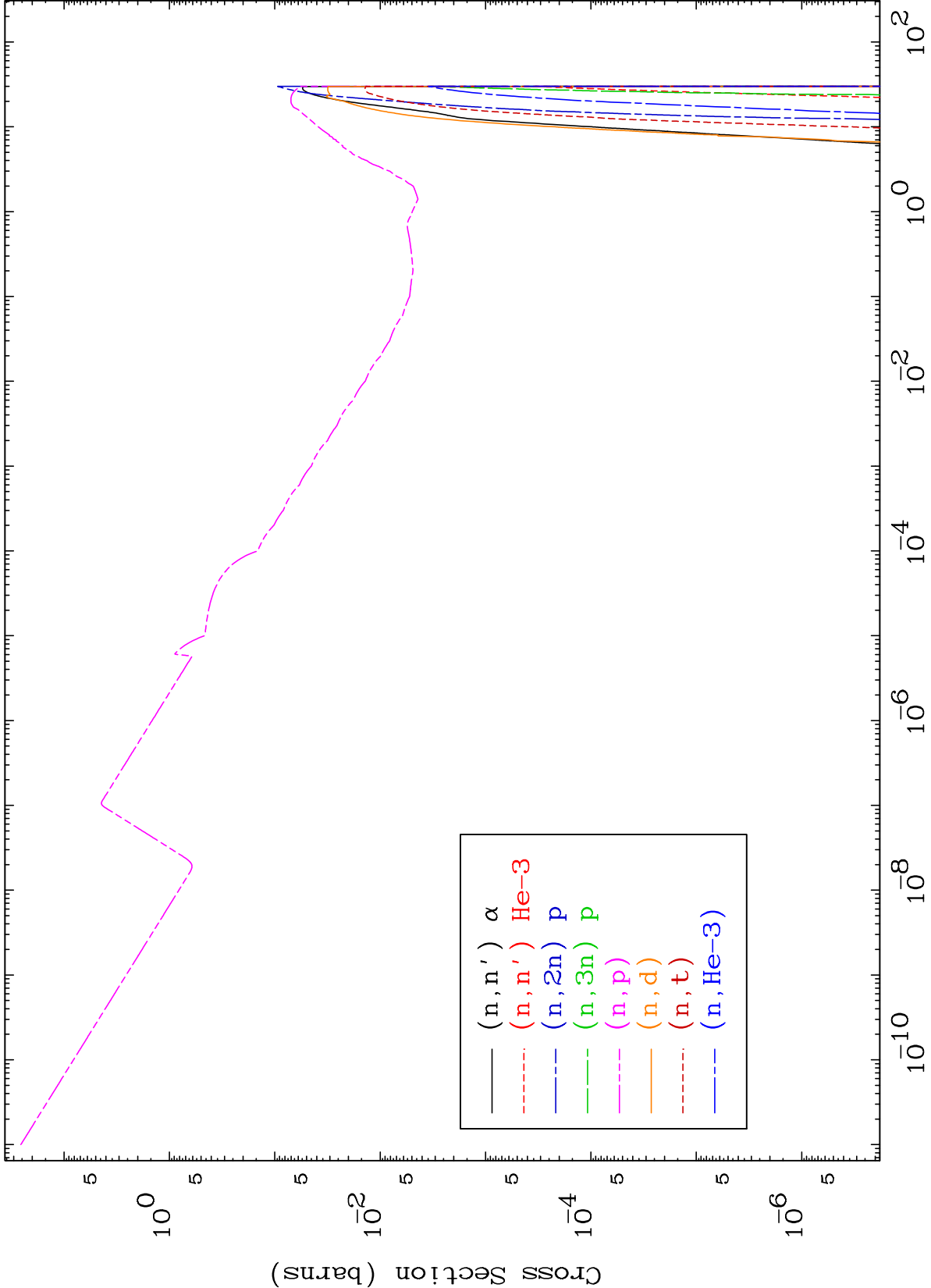


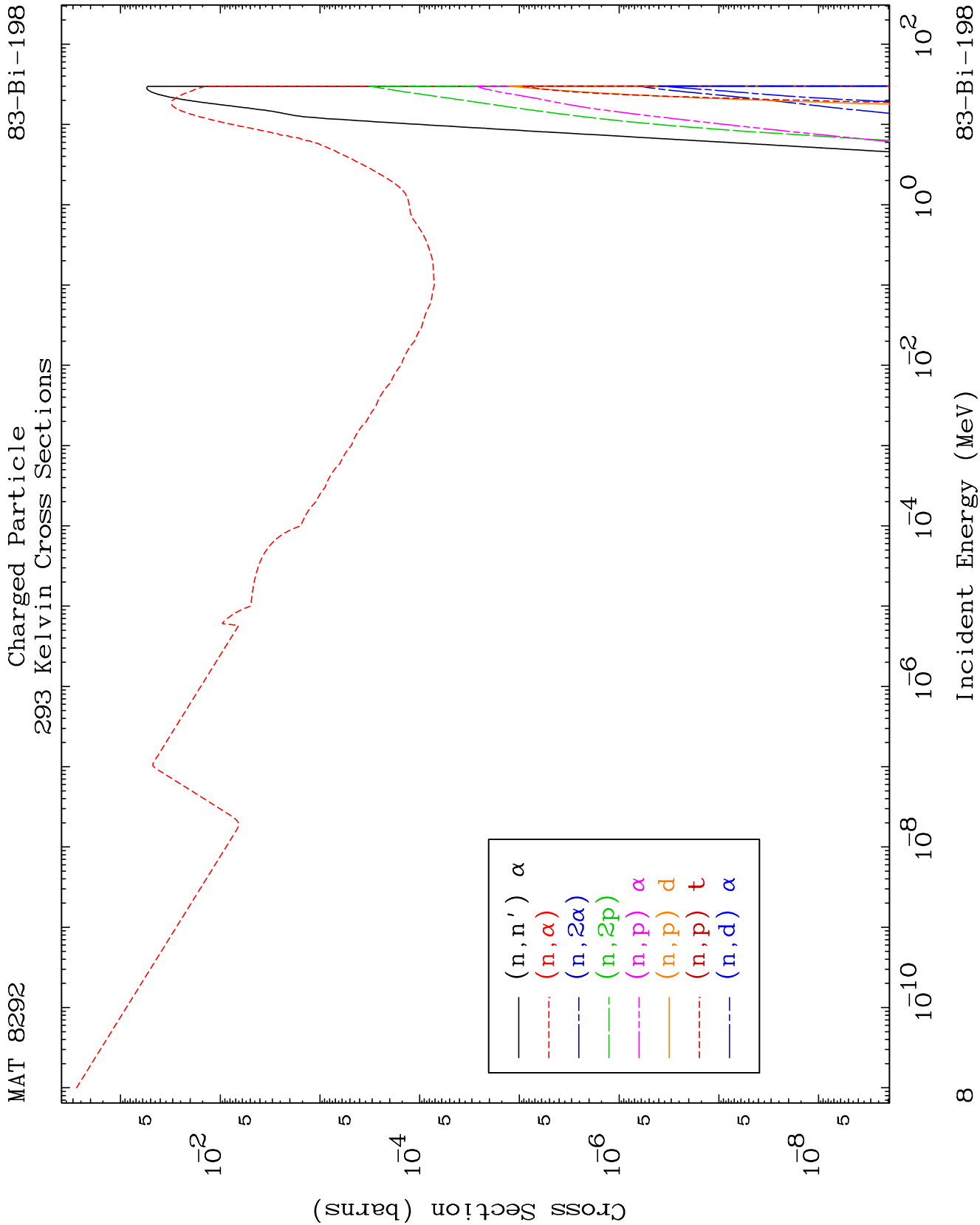


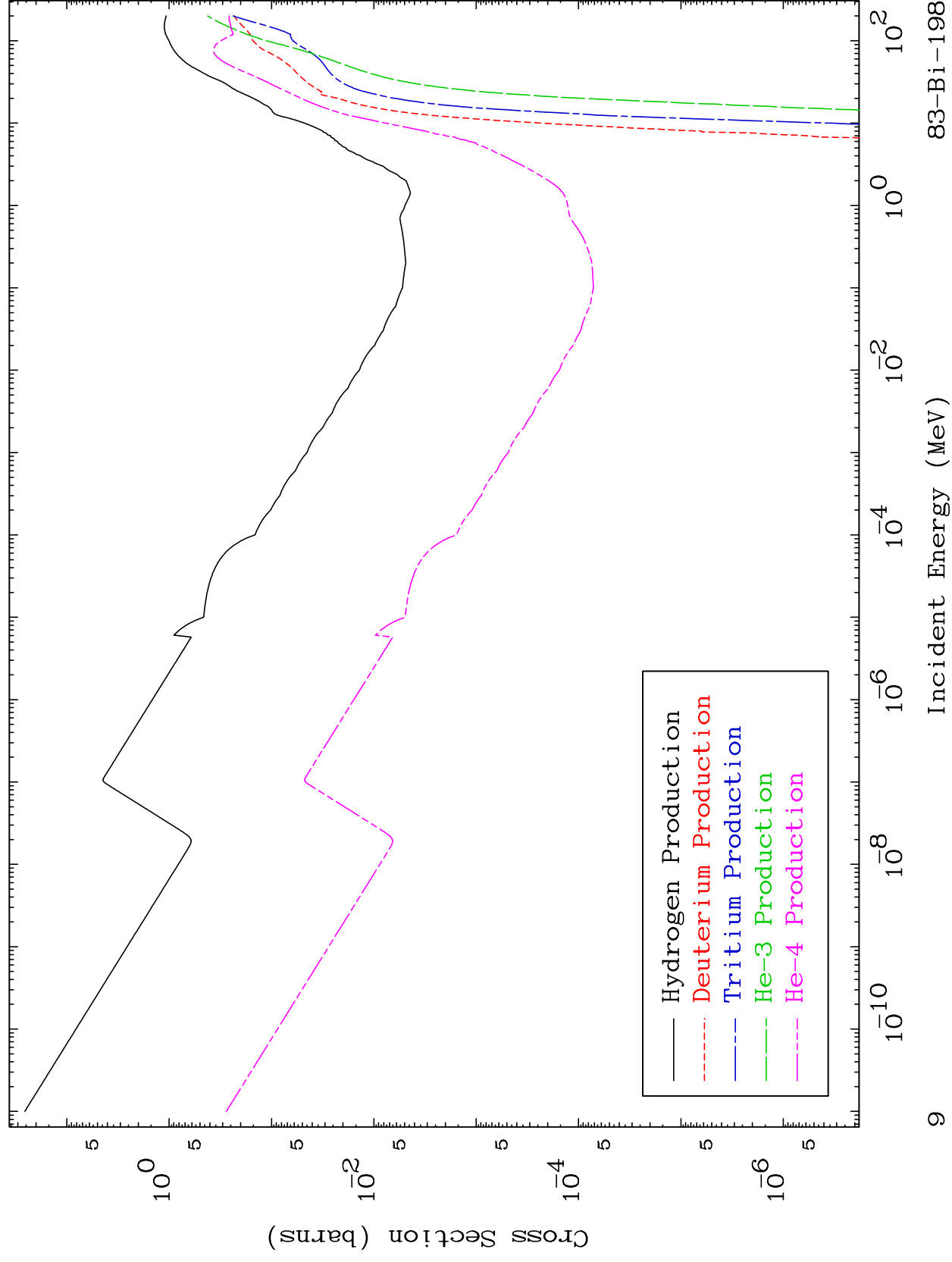


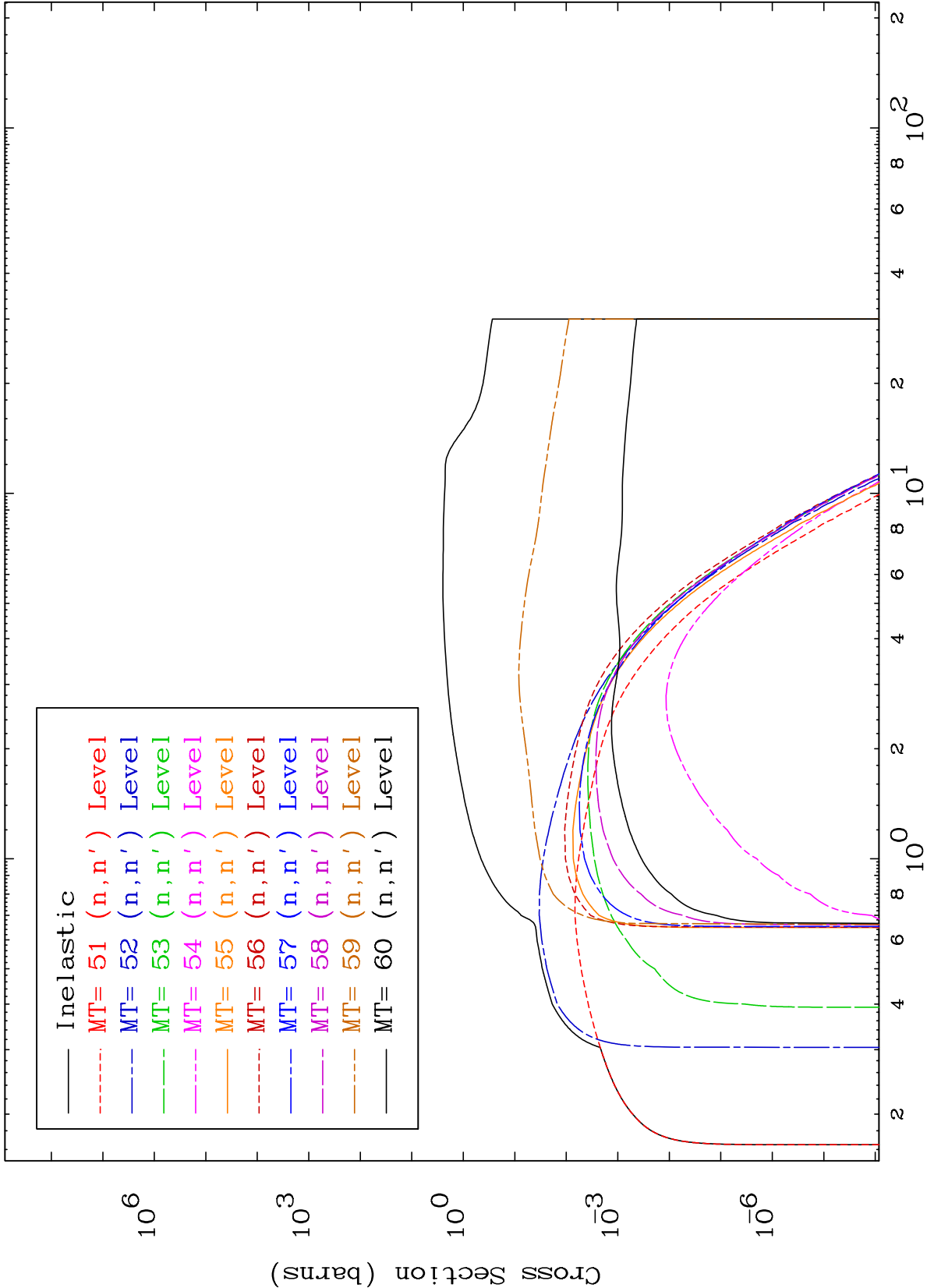


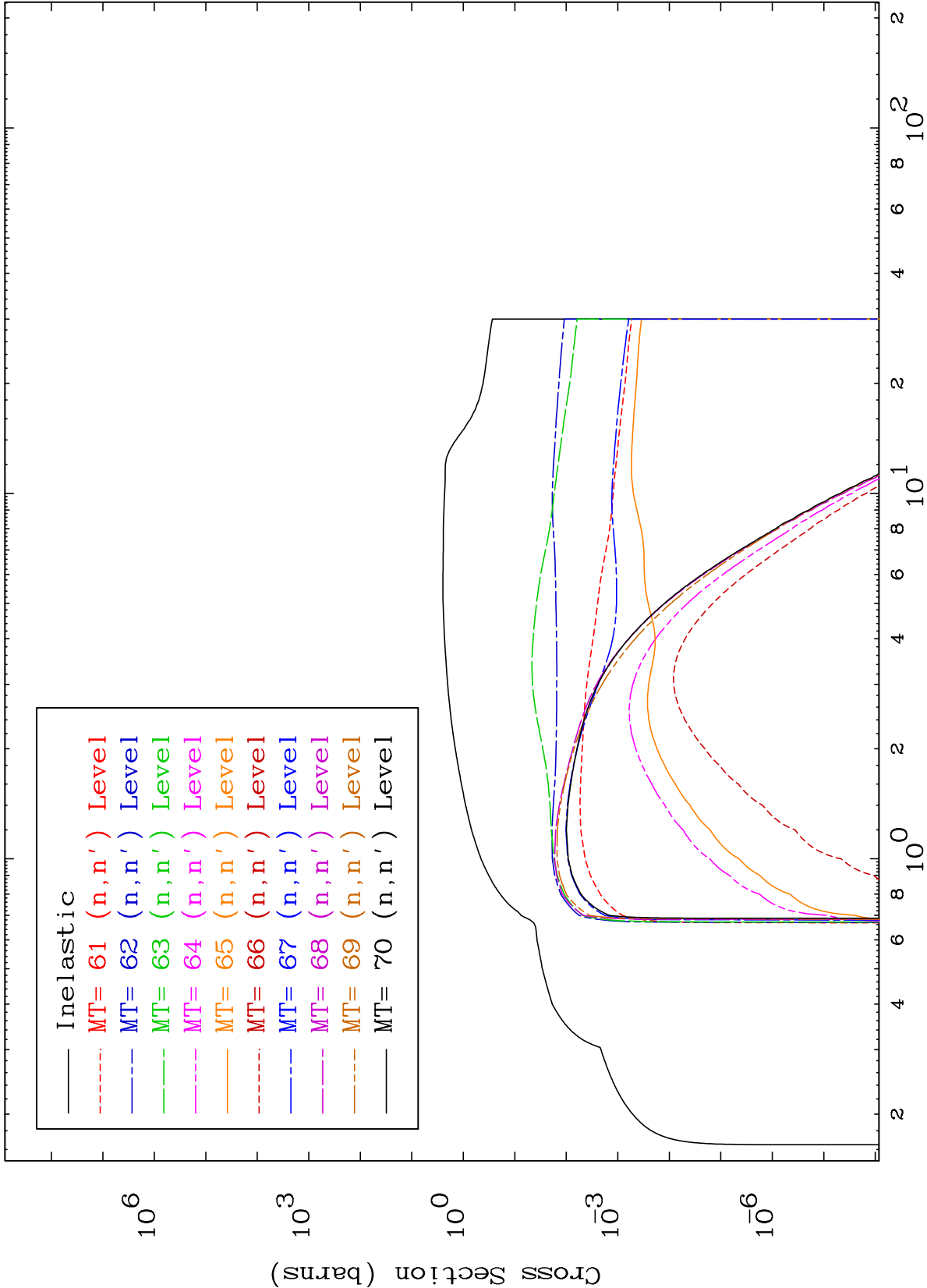


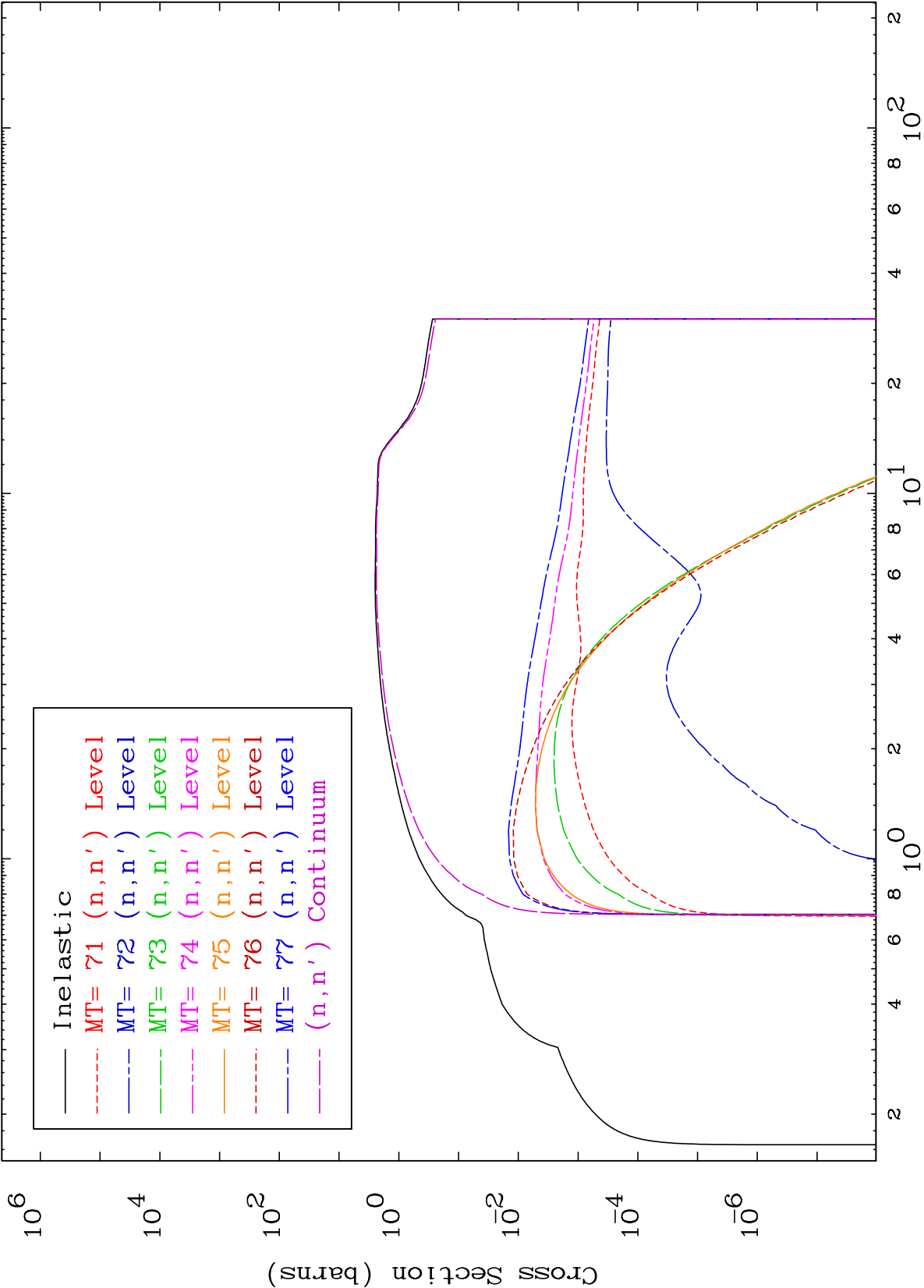








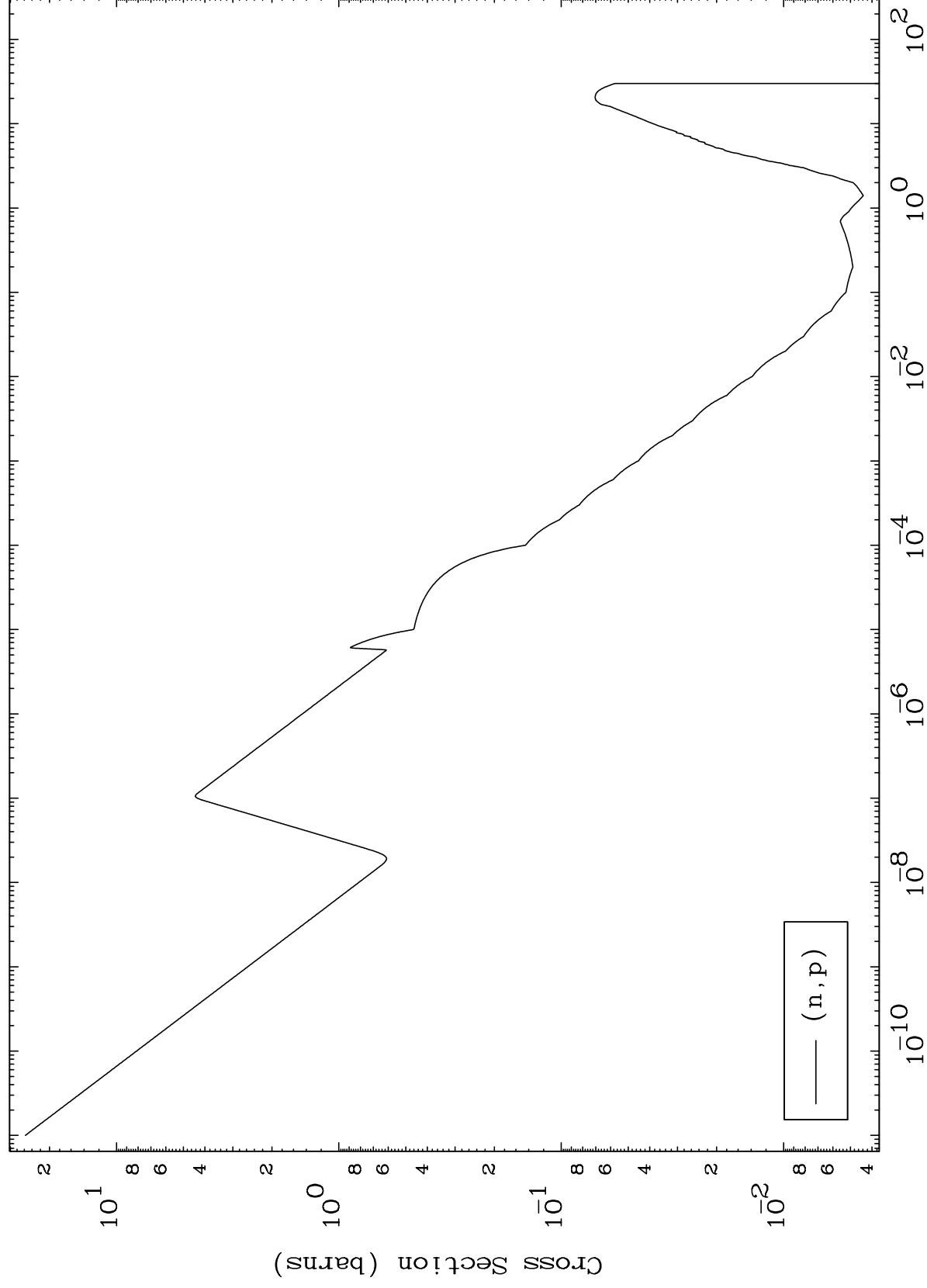




MAT 8292

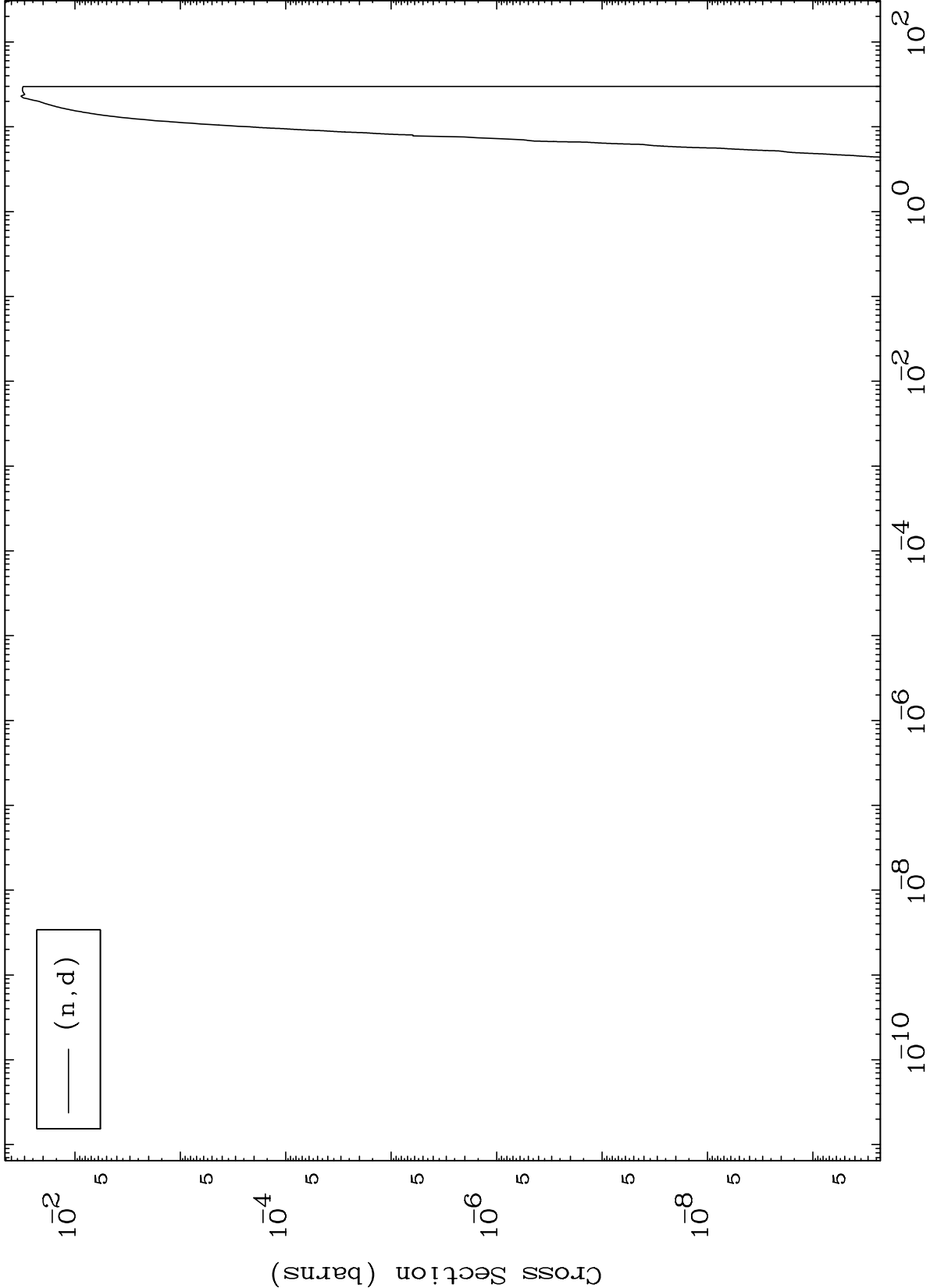
83-Bi-198

(n,p) Levels
293 Kelvin Cross Sections



13

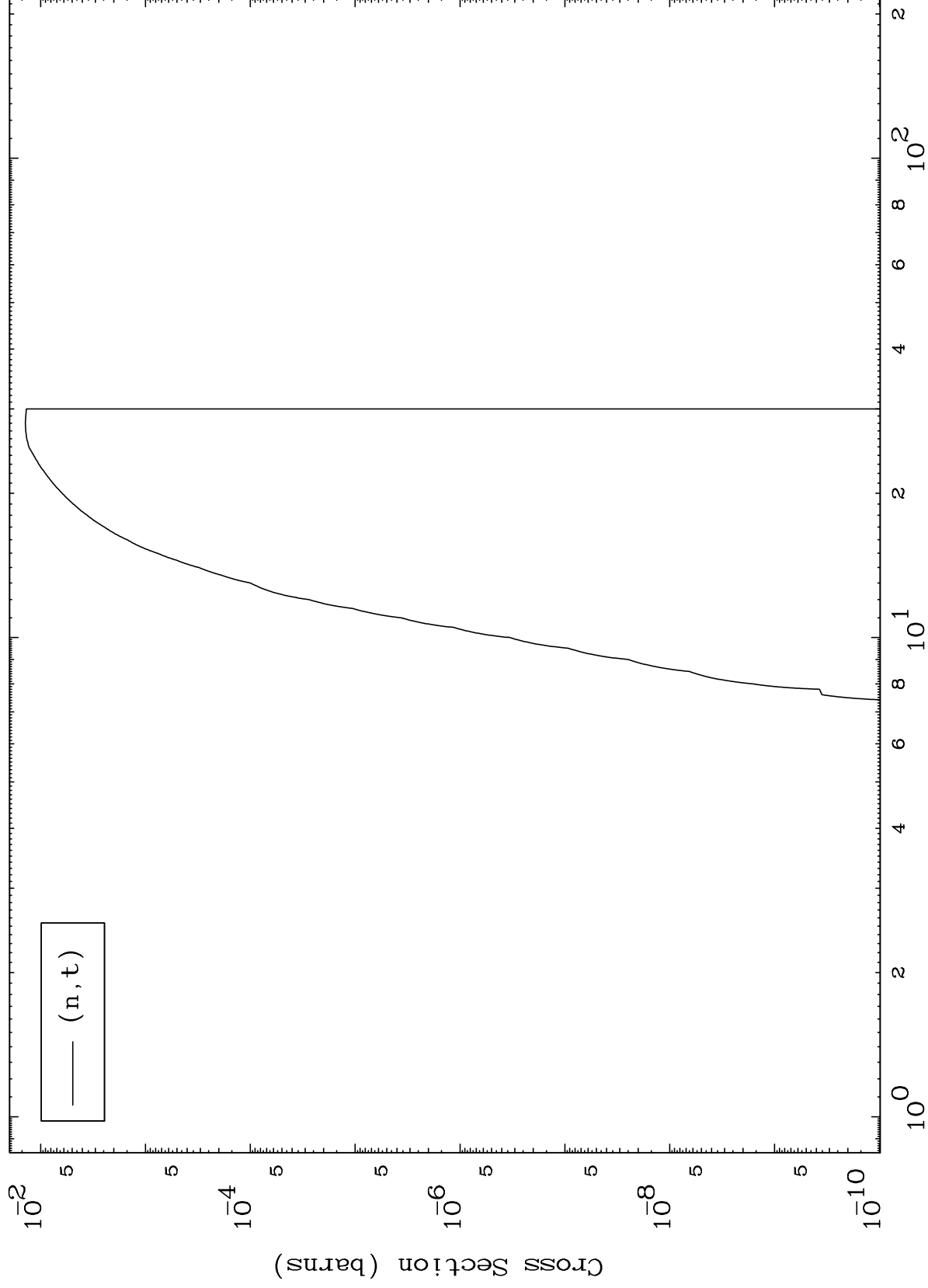
83-Bi-198



MAT 8292

83-Bi-198

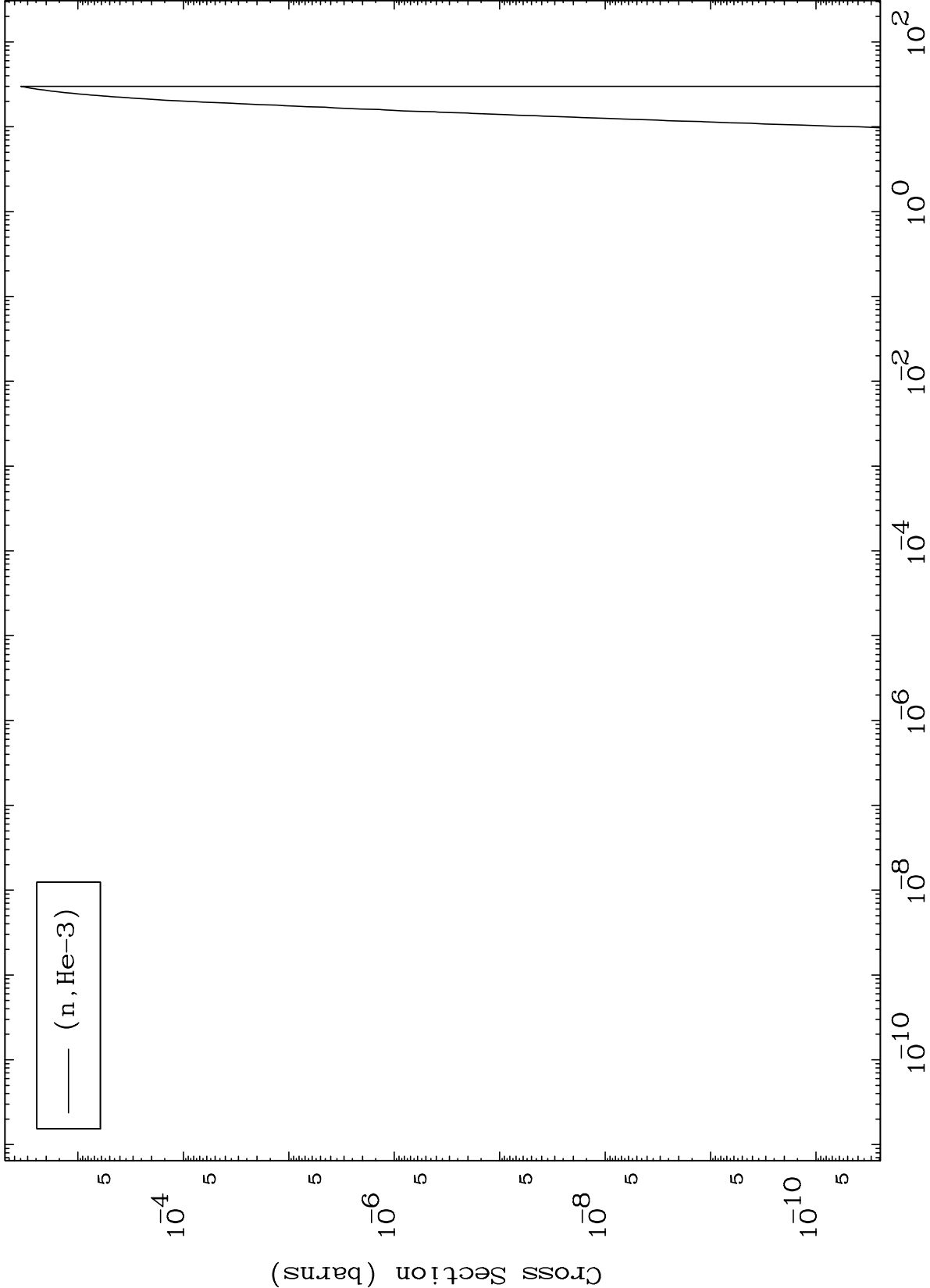
(n,t) Levels
293 Kelvin Cross Sections



83-Bi-198

Incident Energy (MeV)

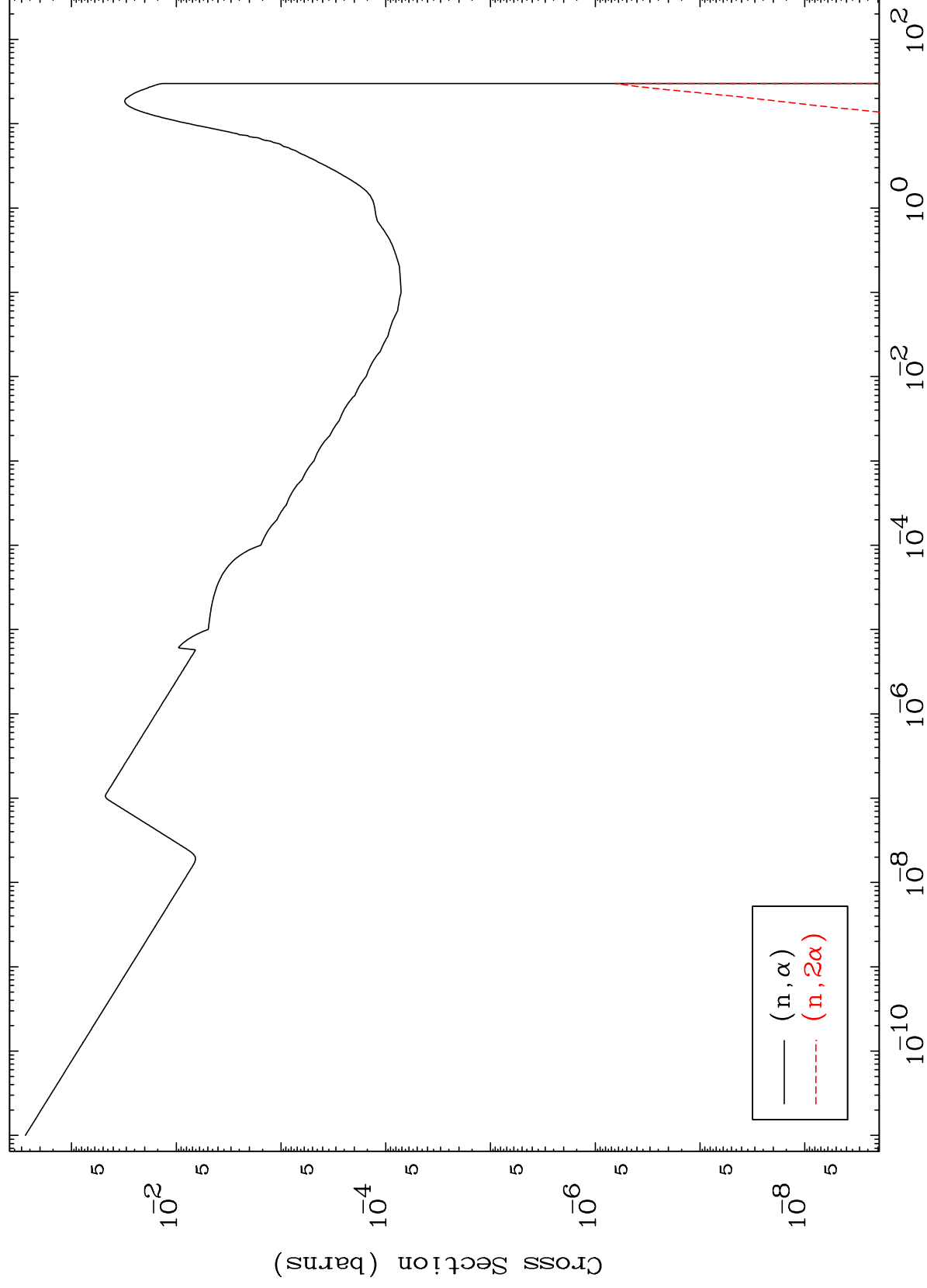
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83-Bi-198

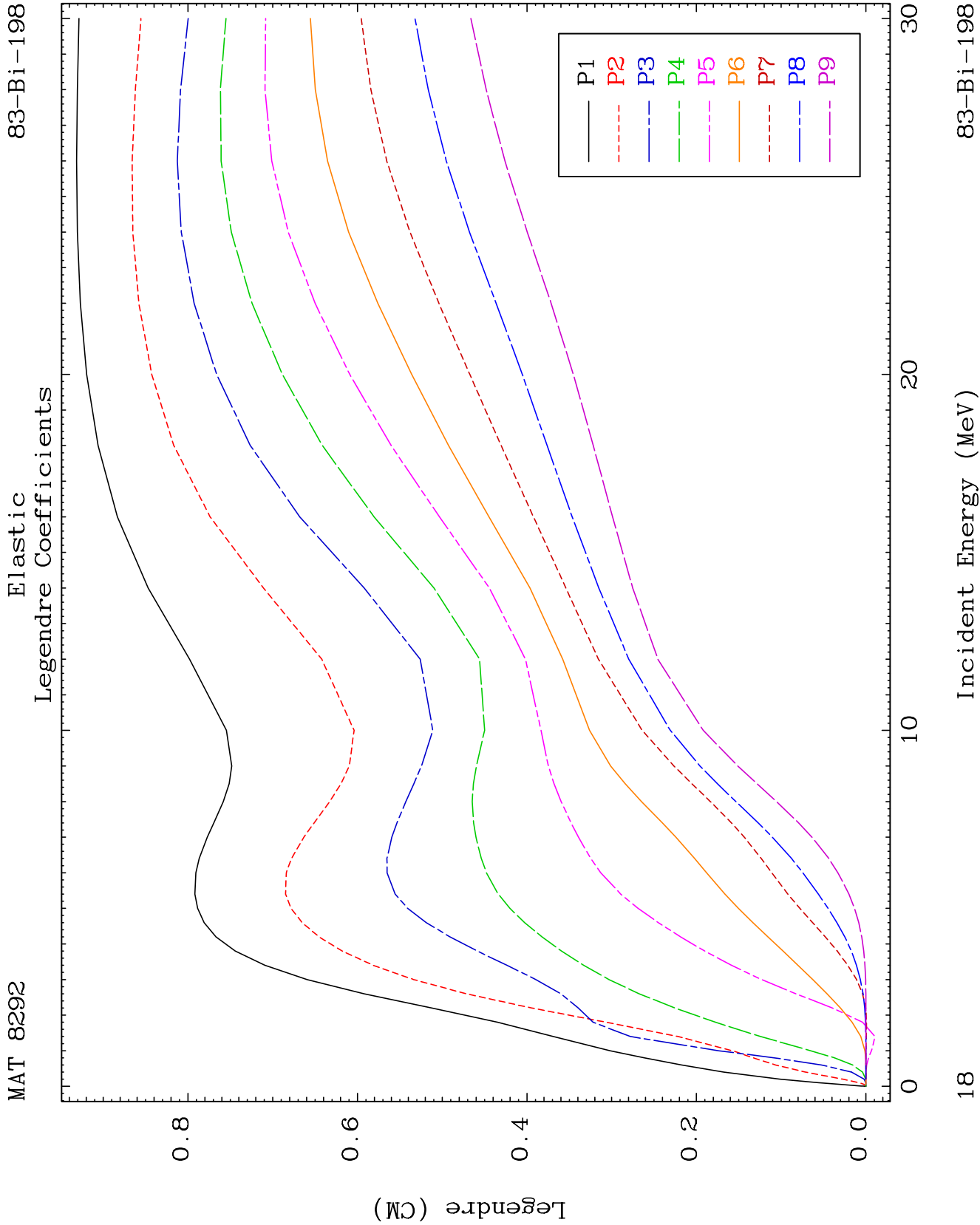
(n, α) Levels
293 Kelvin Cross Sections

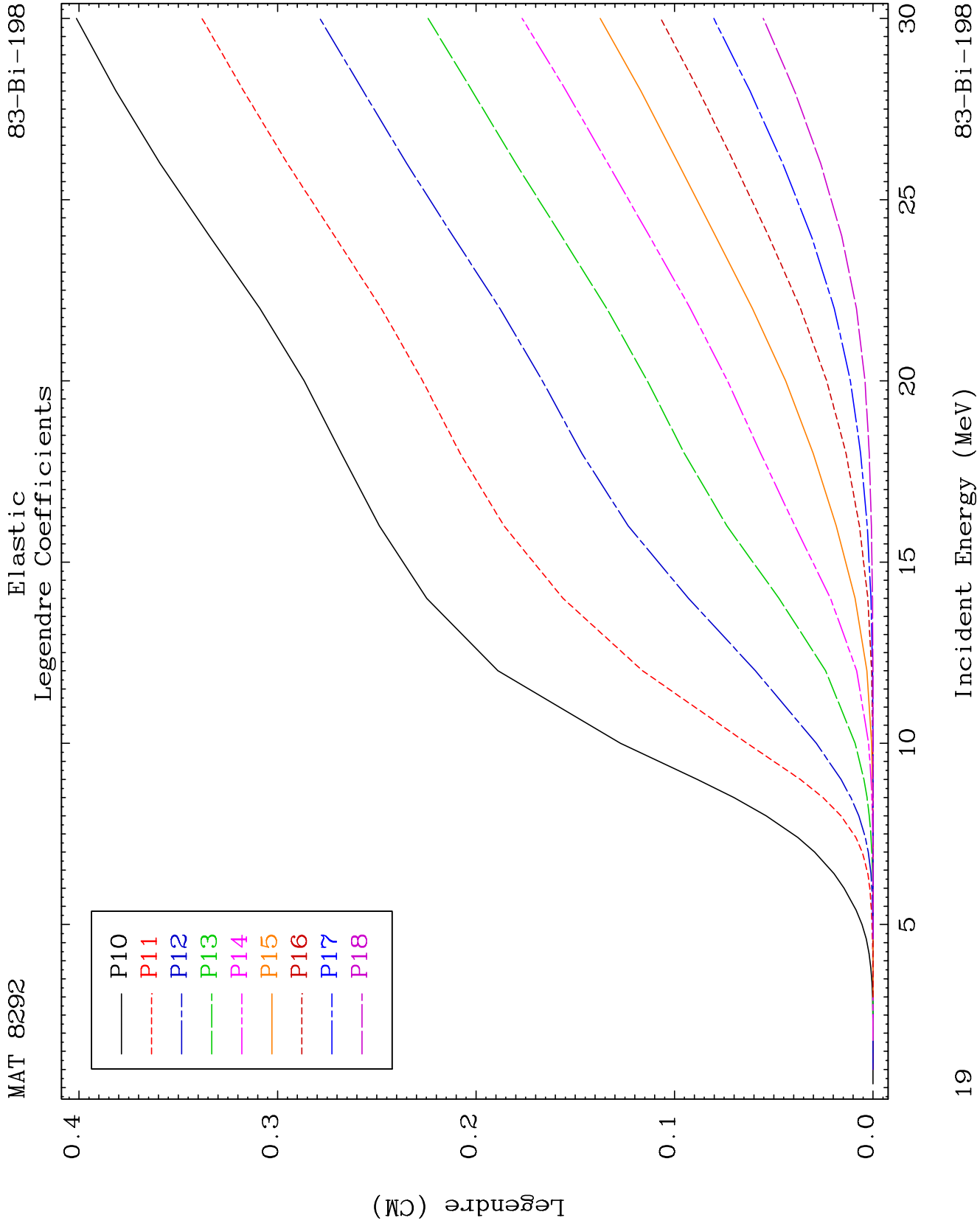


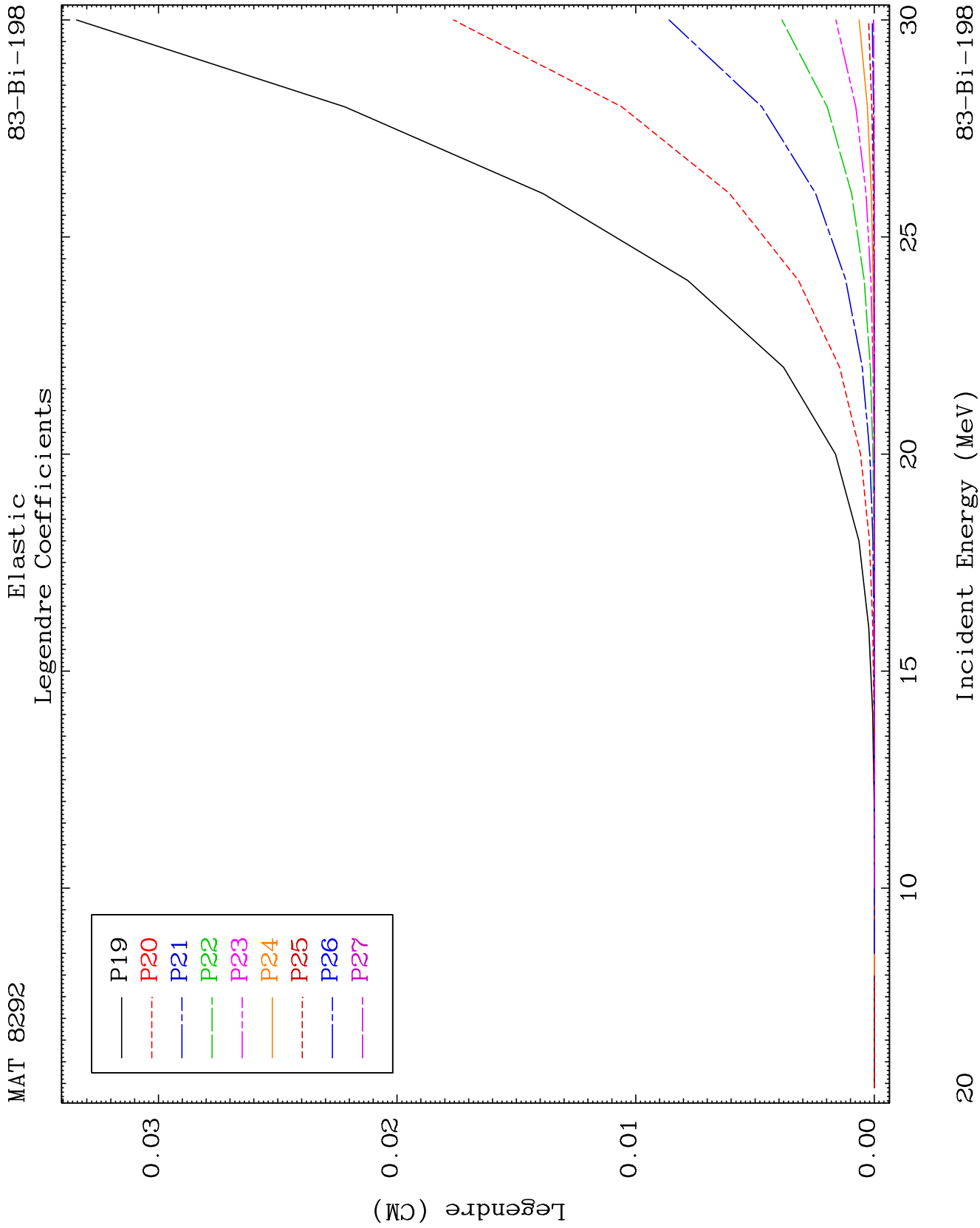
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83-Bi-198

Incident Energy (MeV)



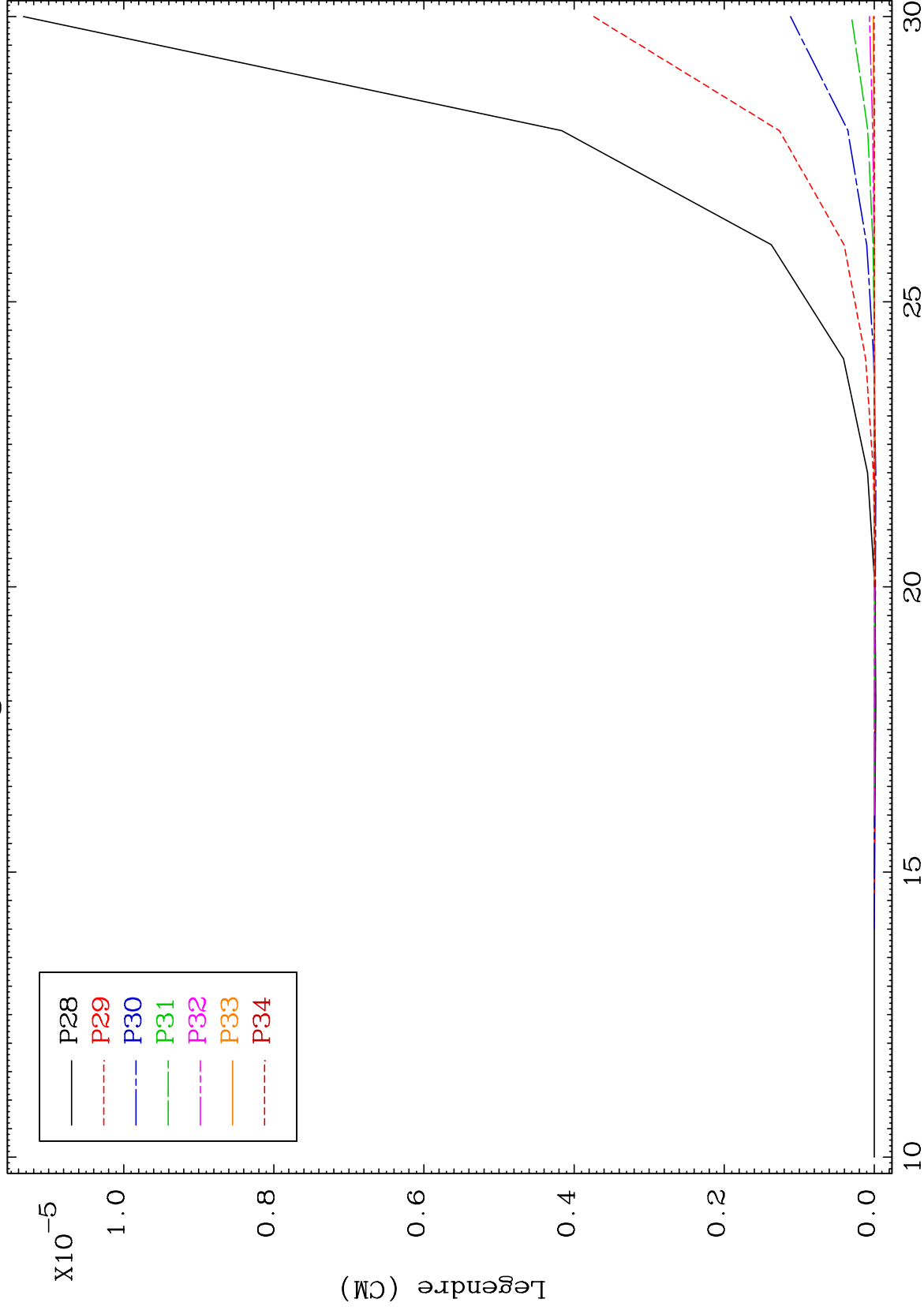




MAT 8292

Elastic Legendre Coefficients

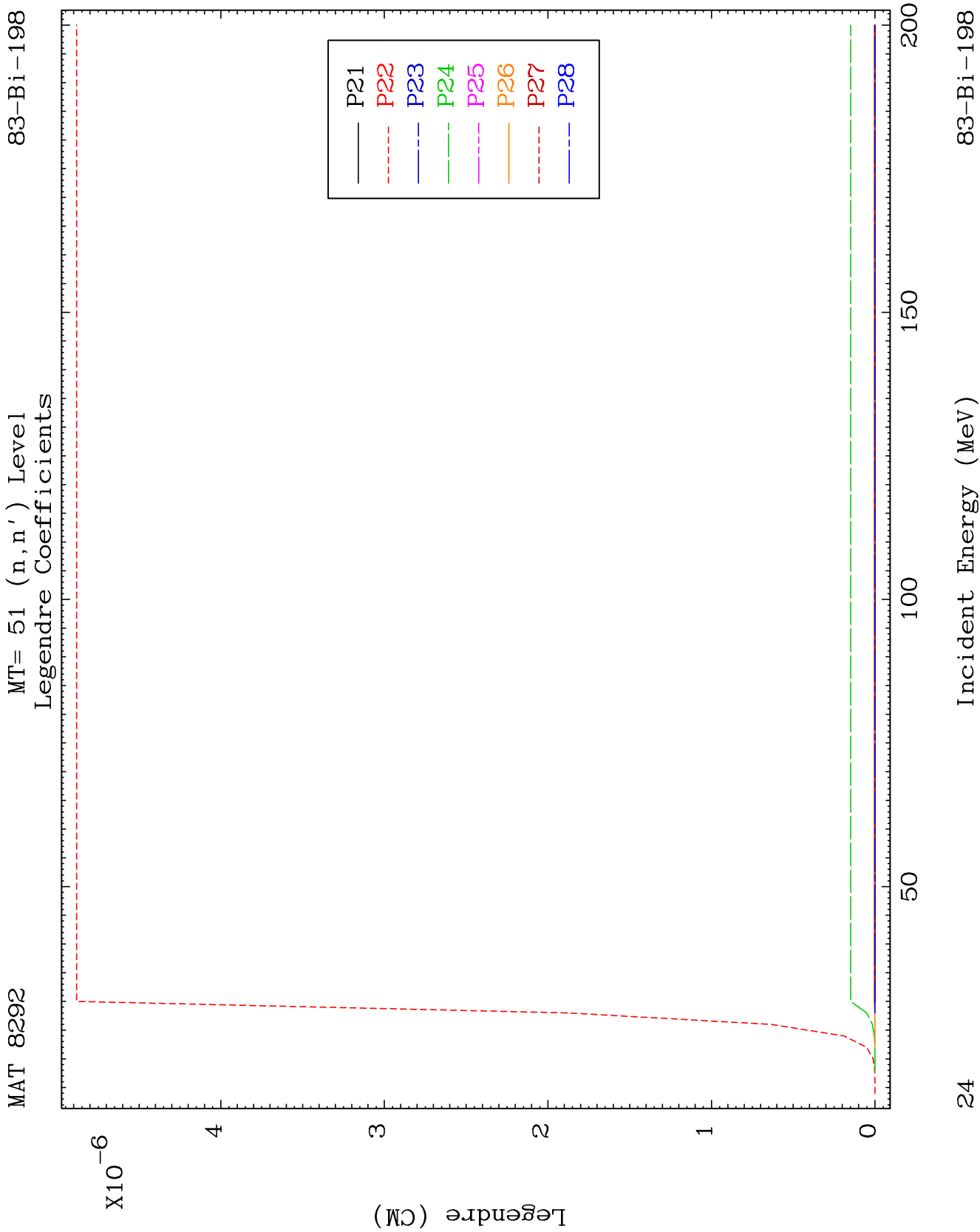
83-Bi-198



21

Incident Energy (MeV)

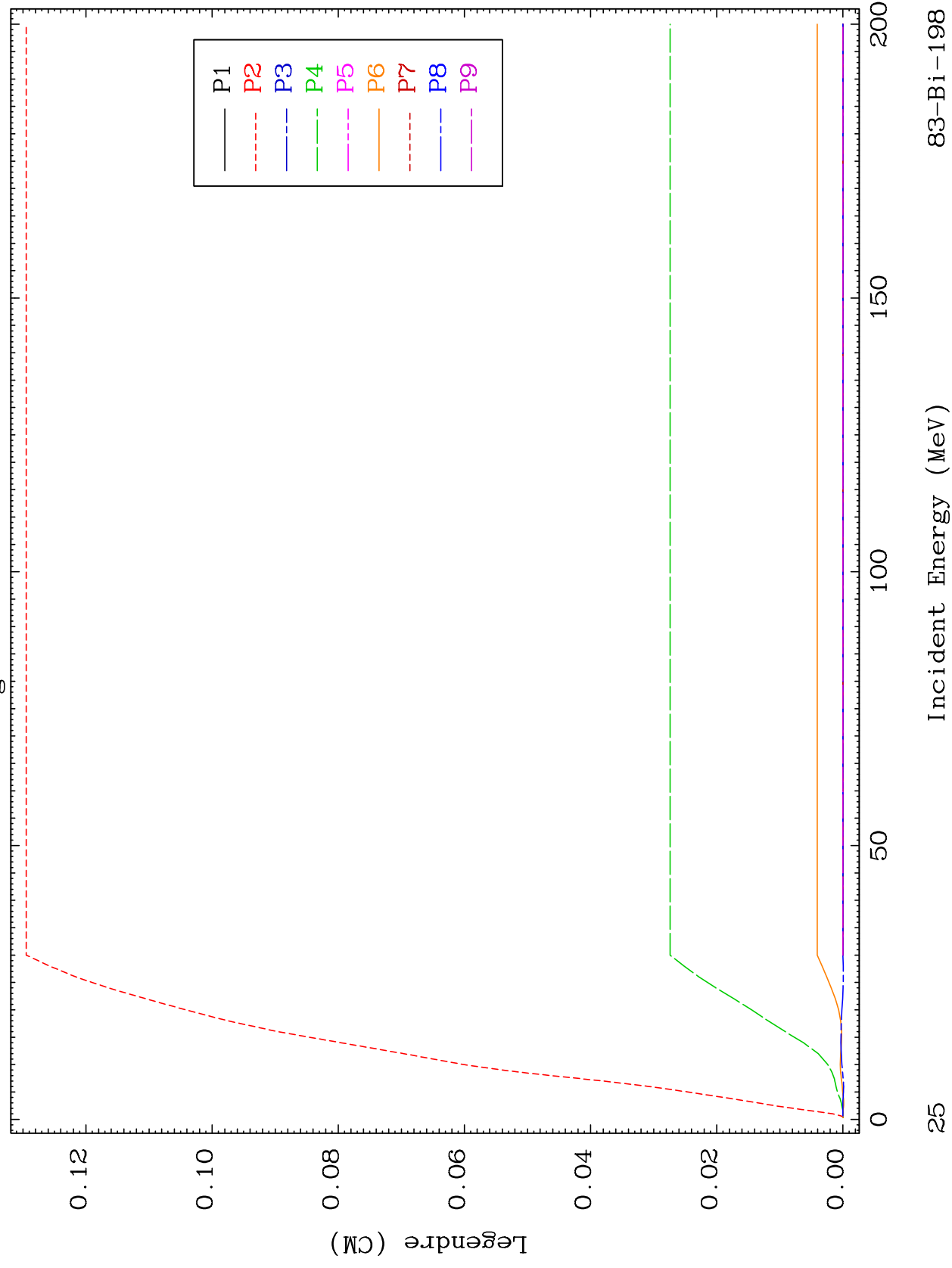
83-Bi-198



MAT 8292

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

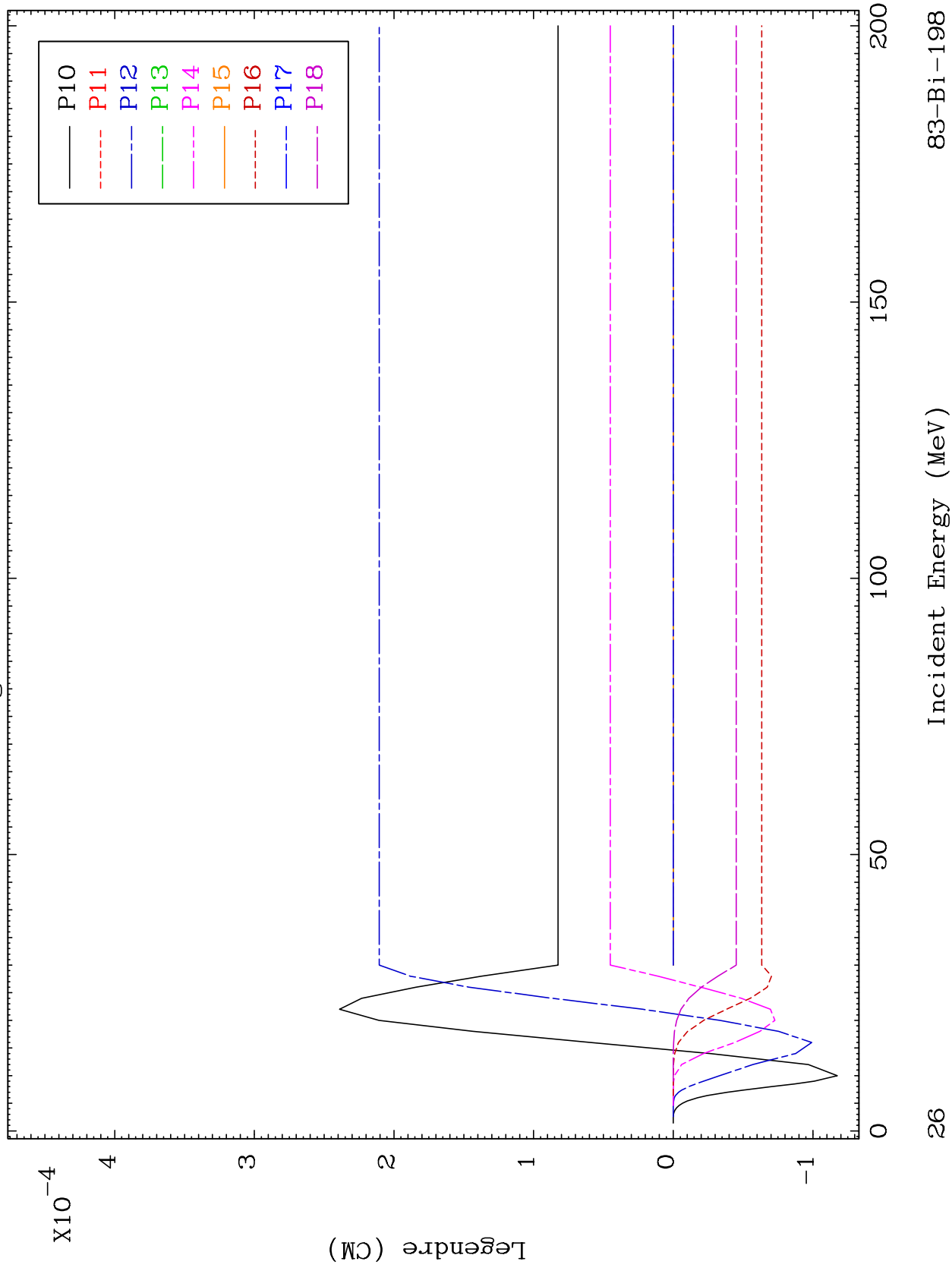
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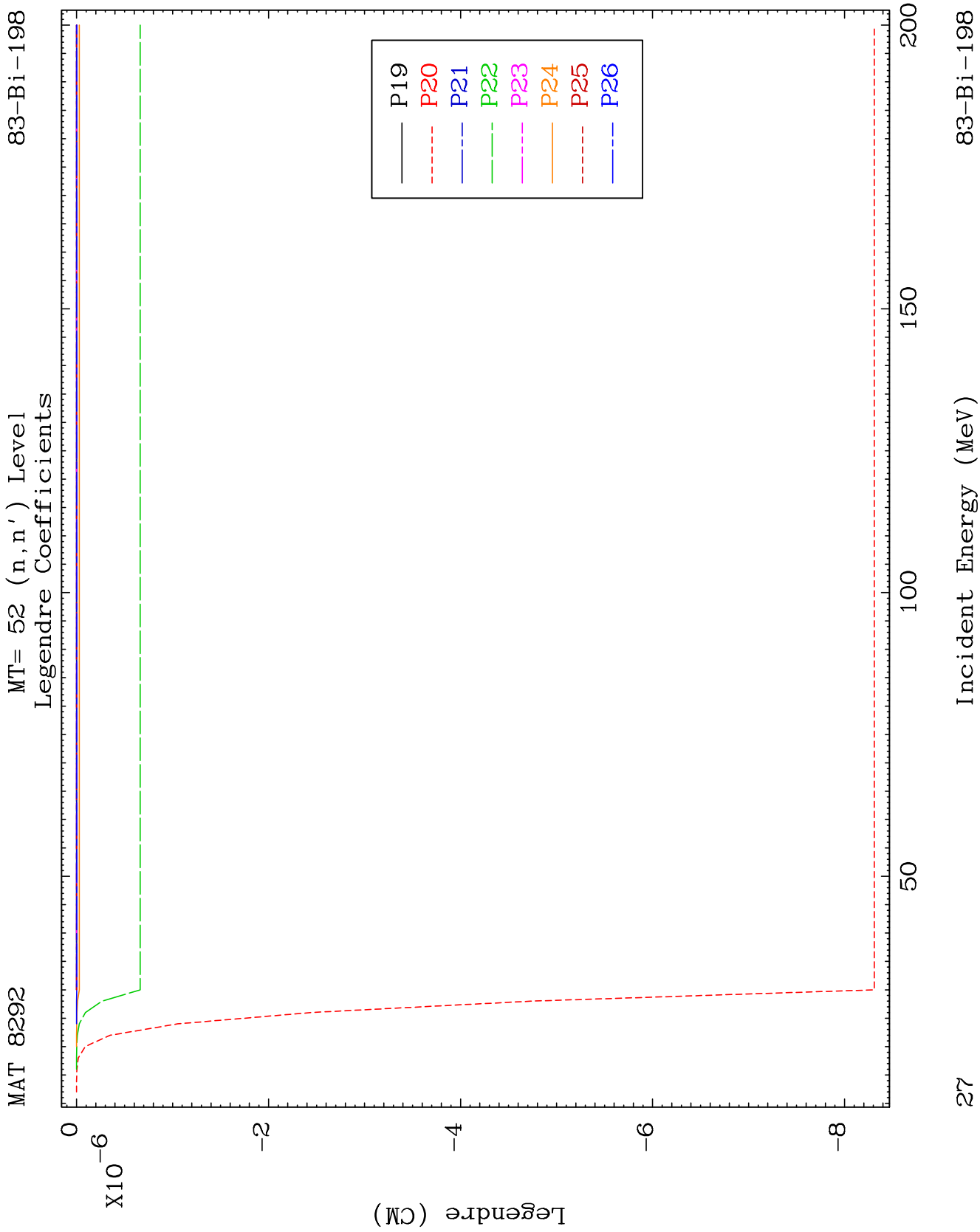


MAT 8292

83-Bi-198

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

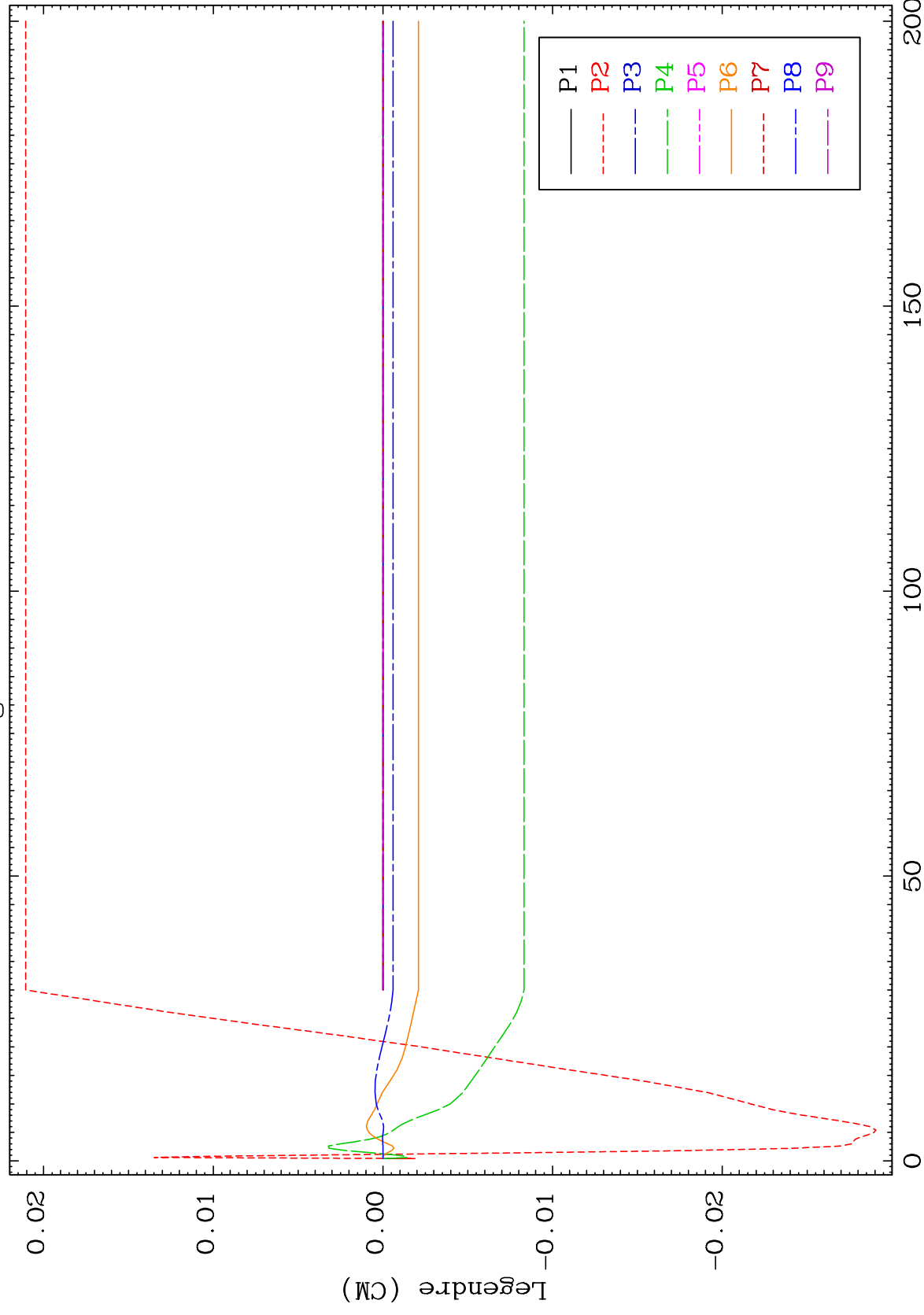




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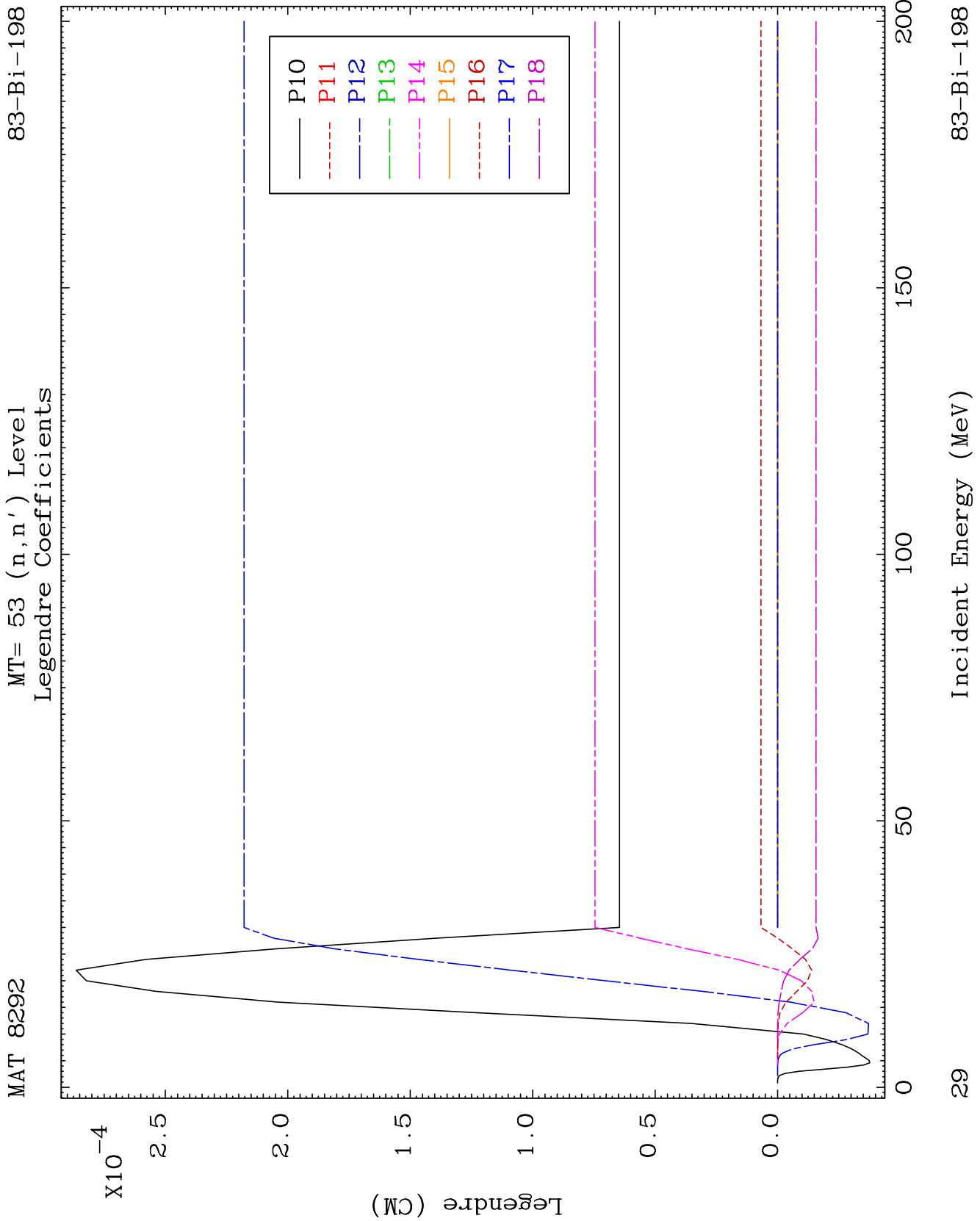
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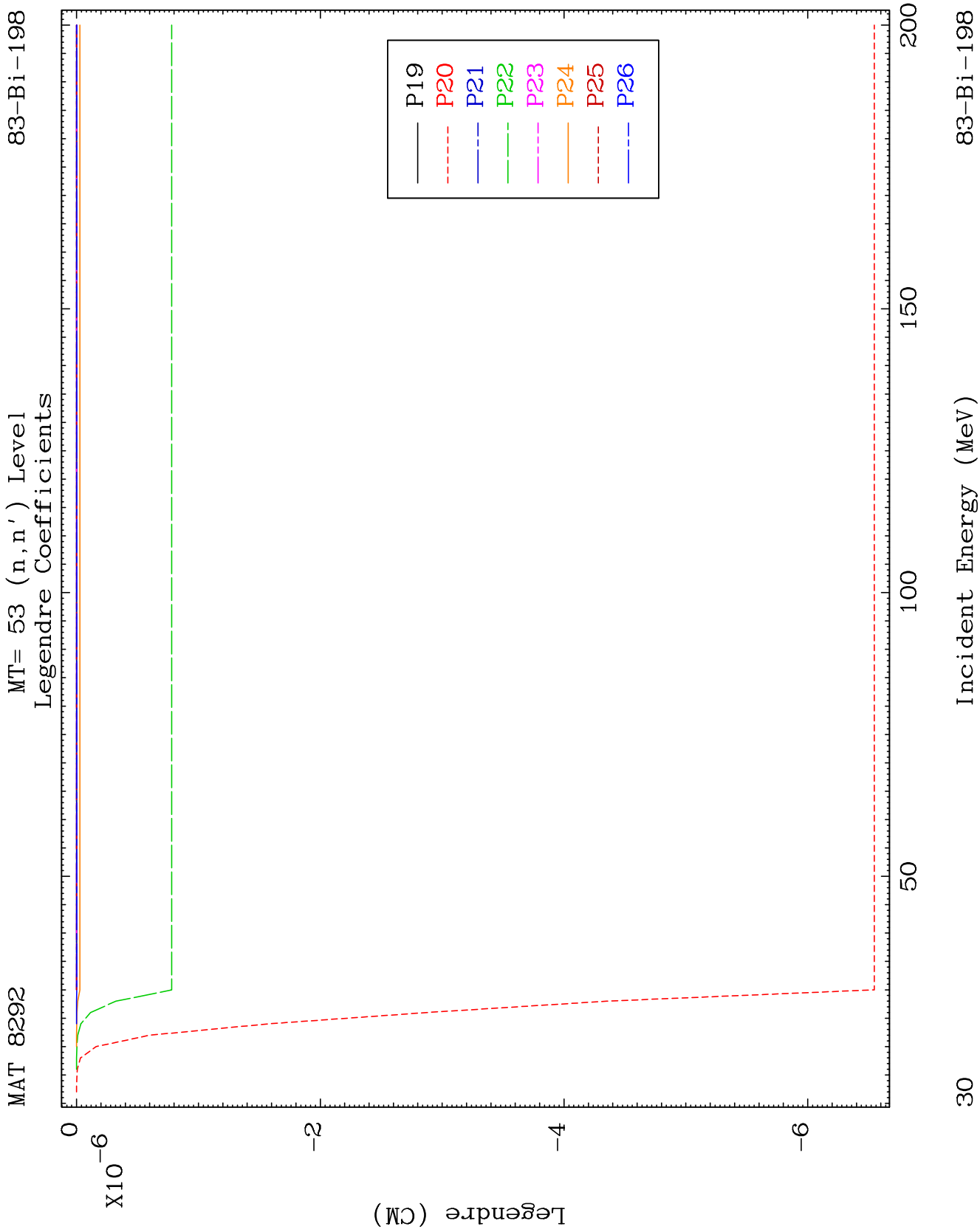
MT= 53 (n, n') Level
Legendre Coefficients



83-Bi-198

Incident Energy (MeV)

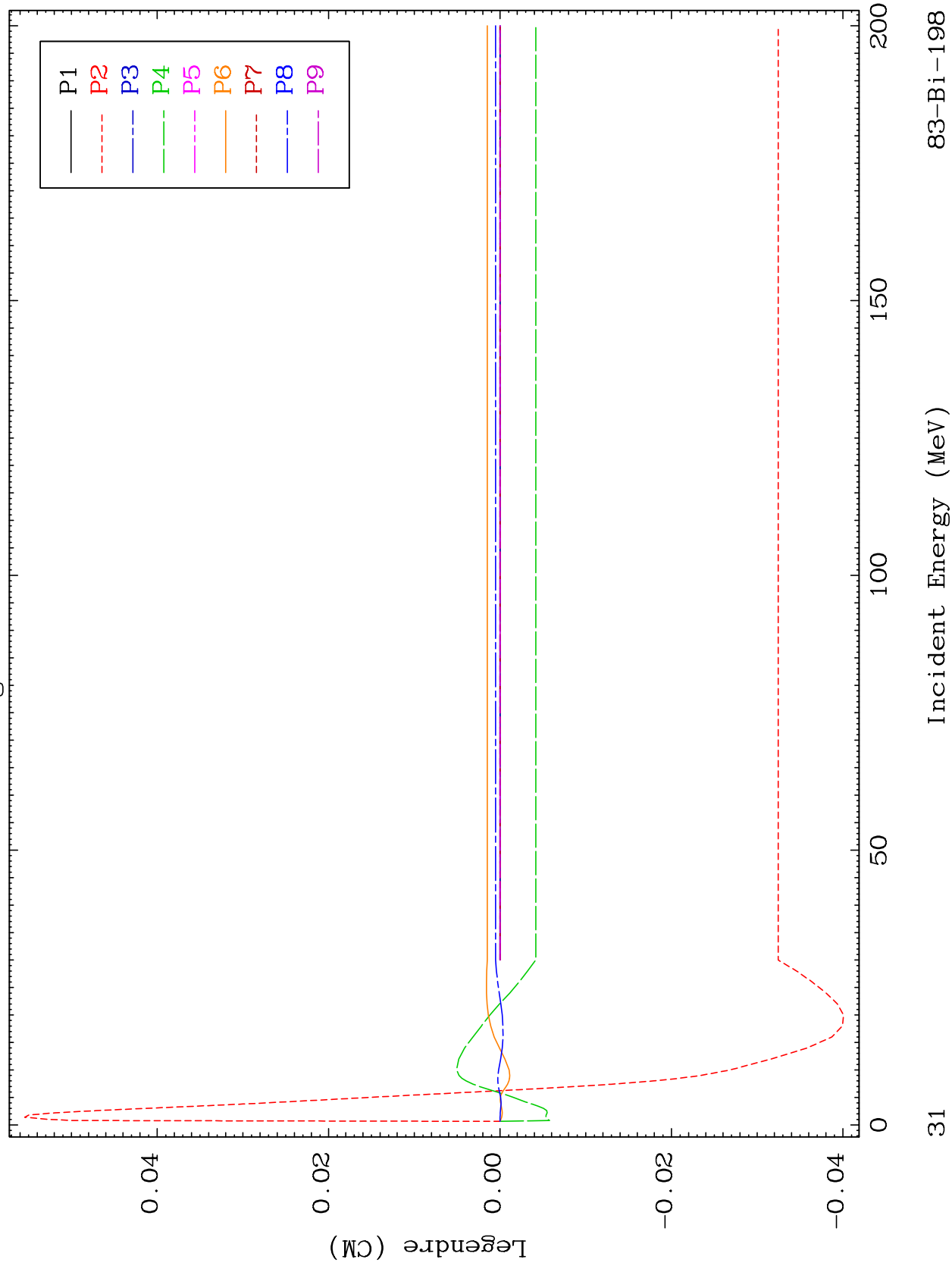




MAT 8292

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

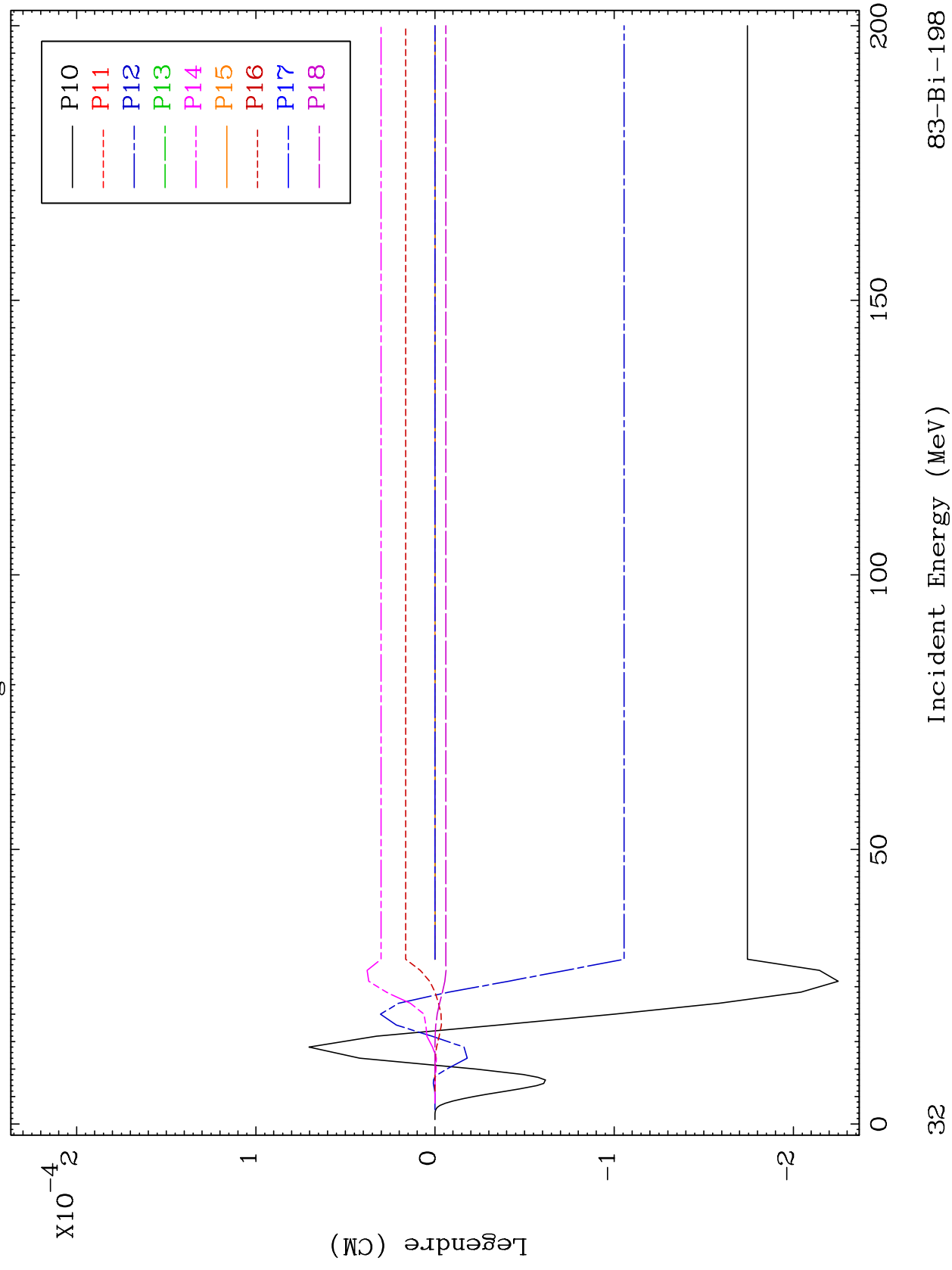
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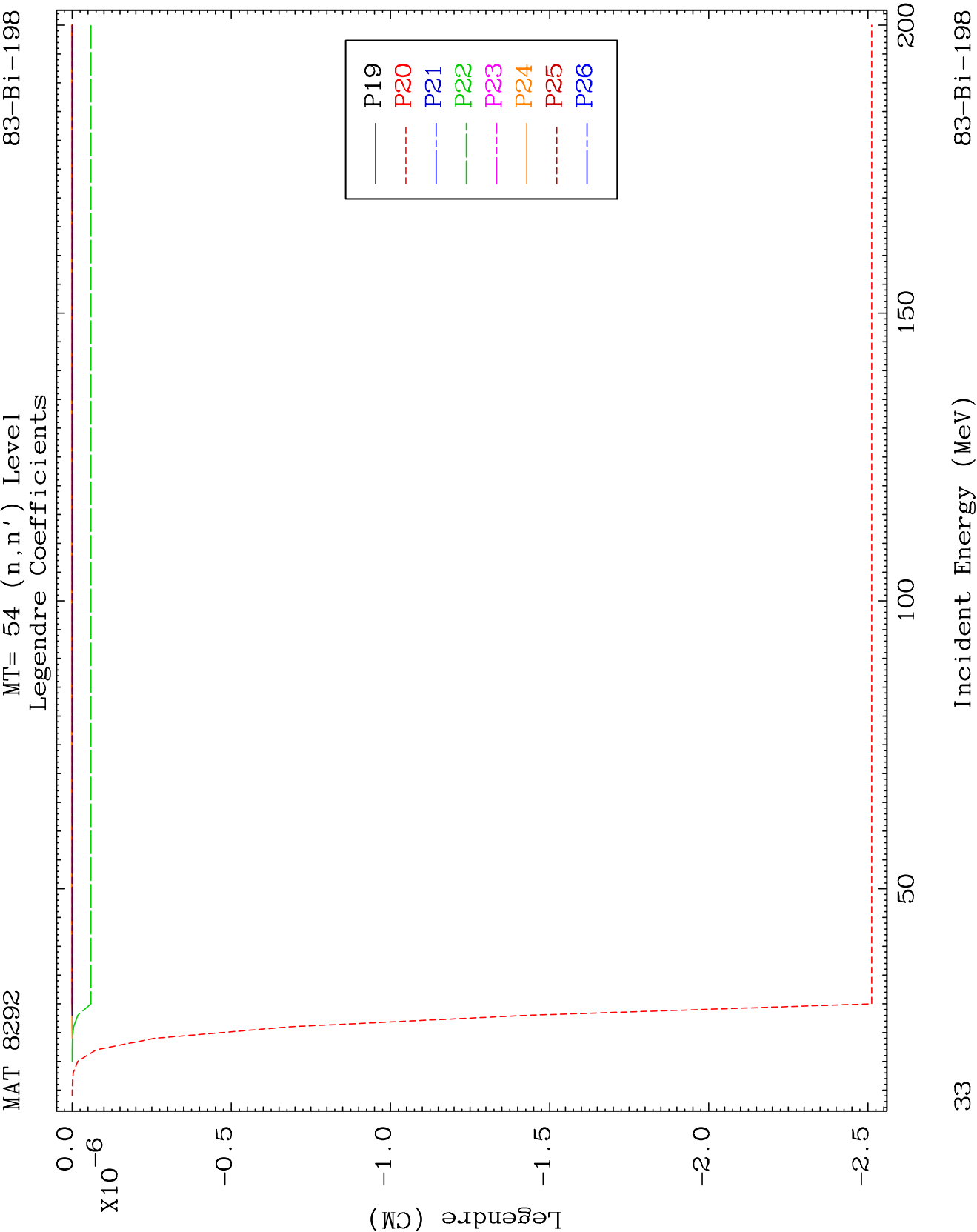


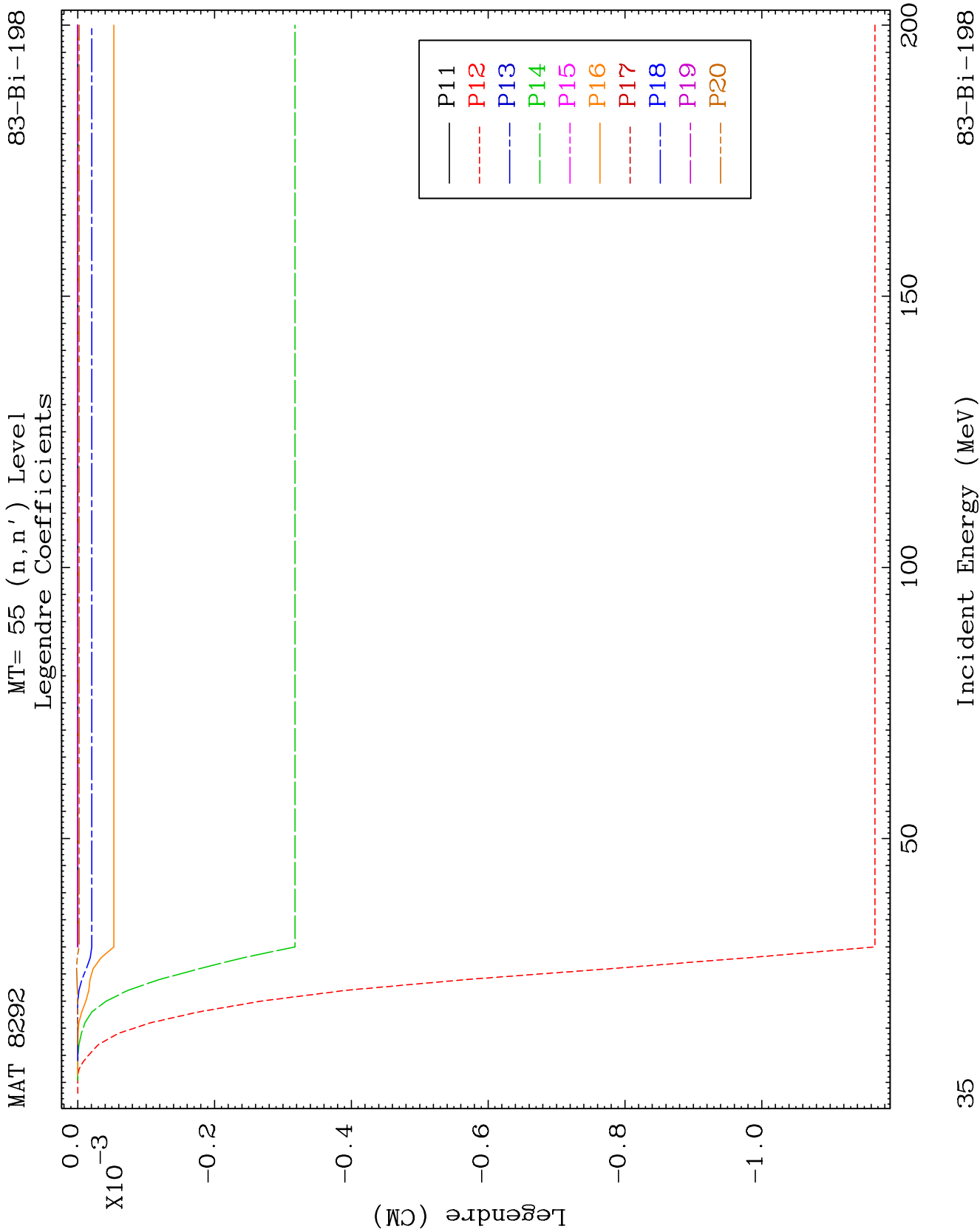
MAT 8292

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

83-Bi-198



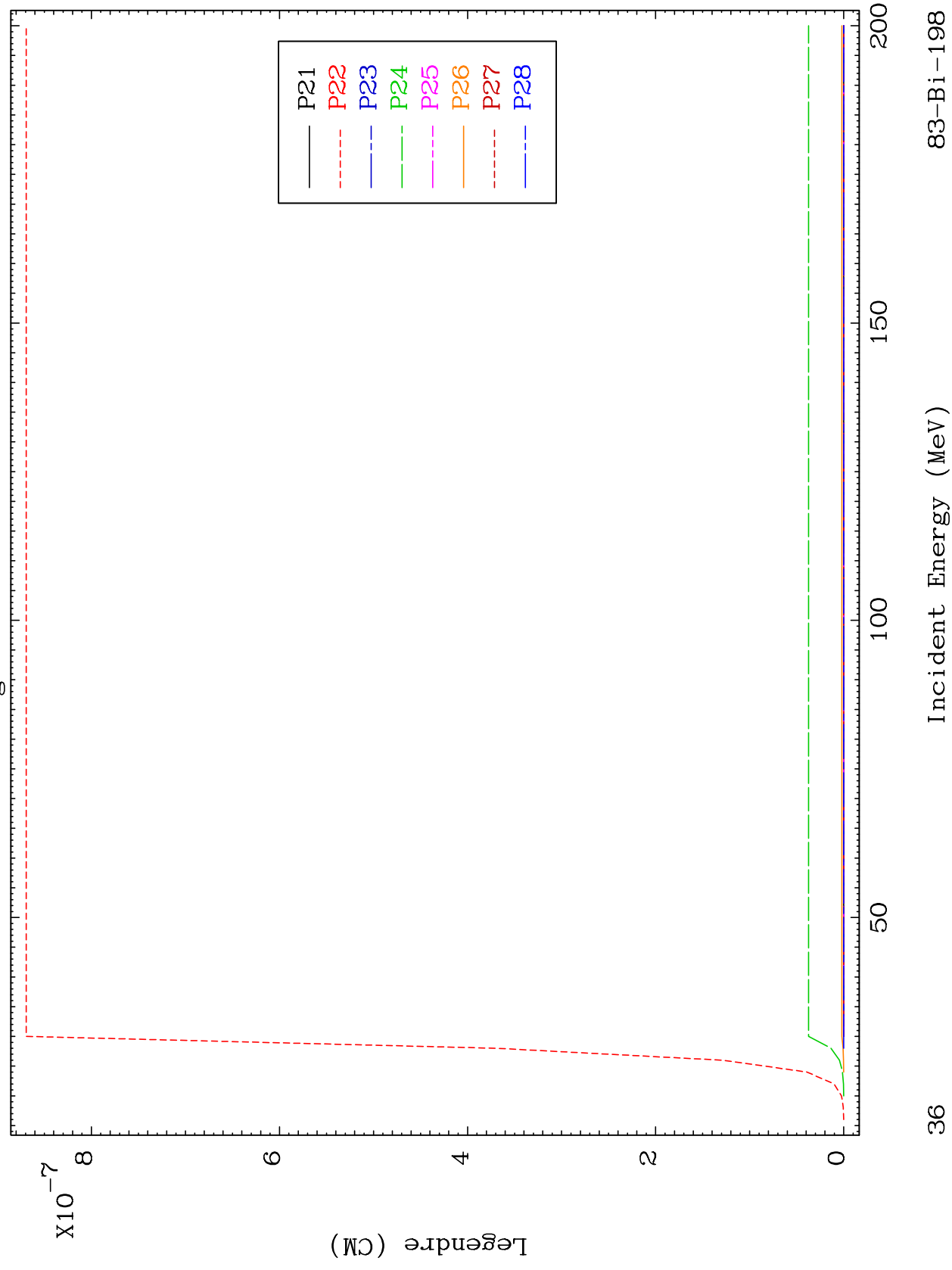


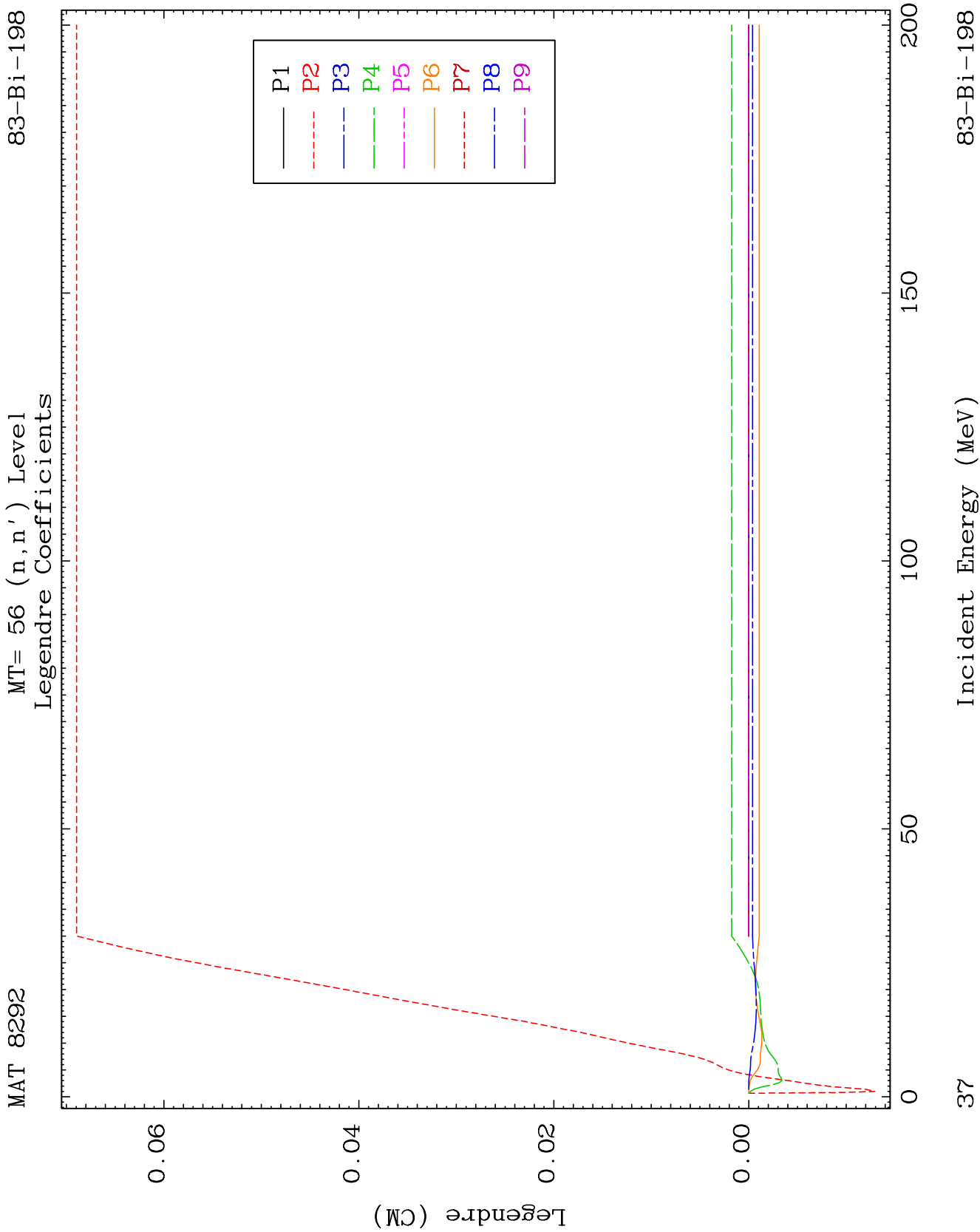


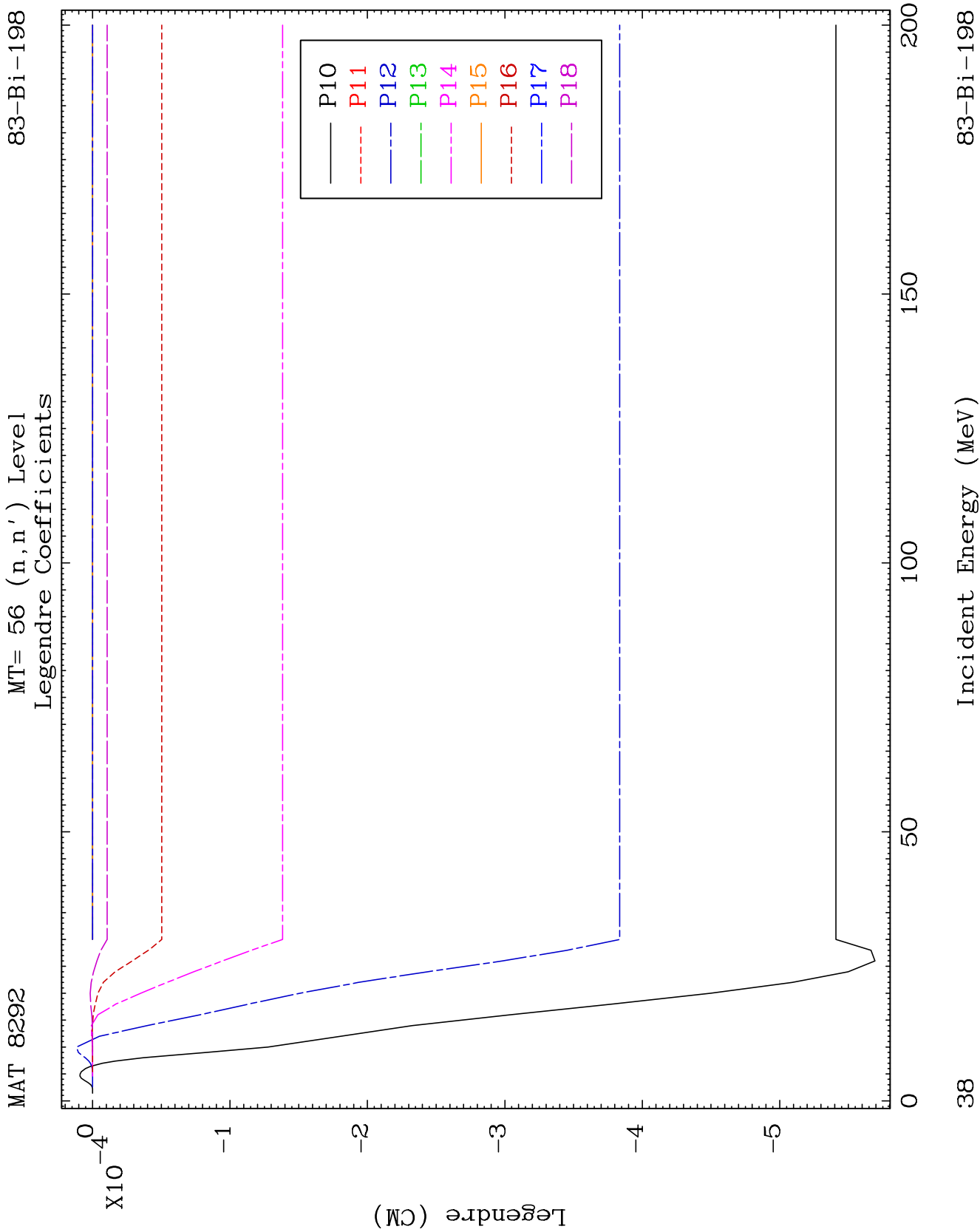
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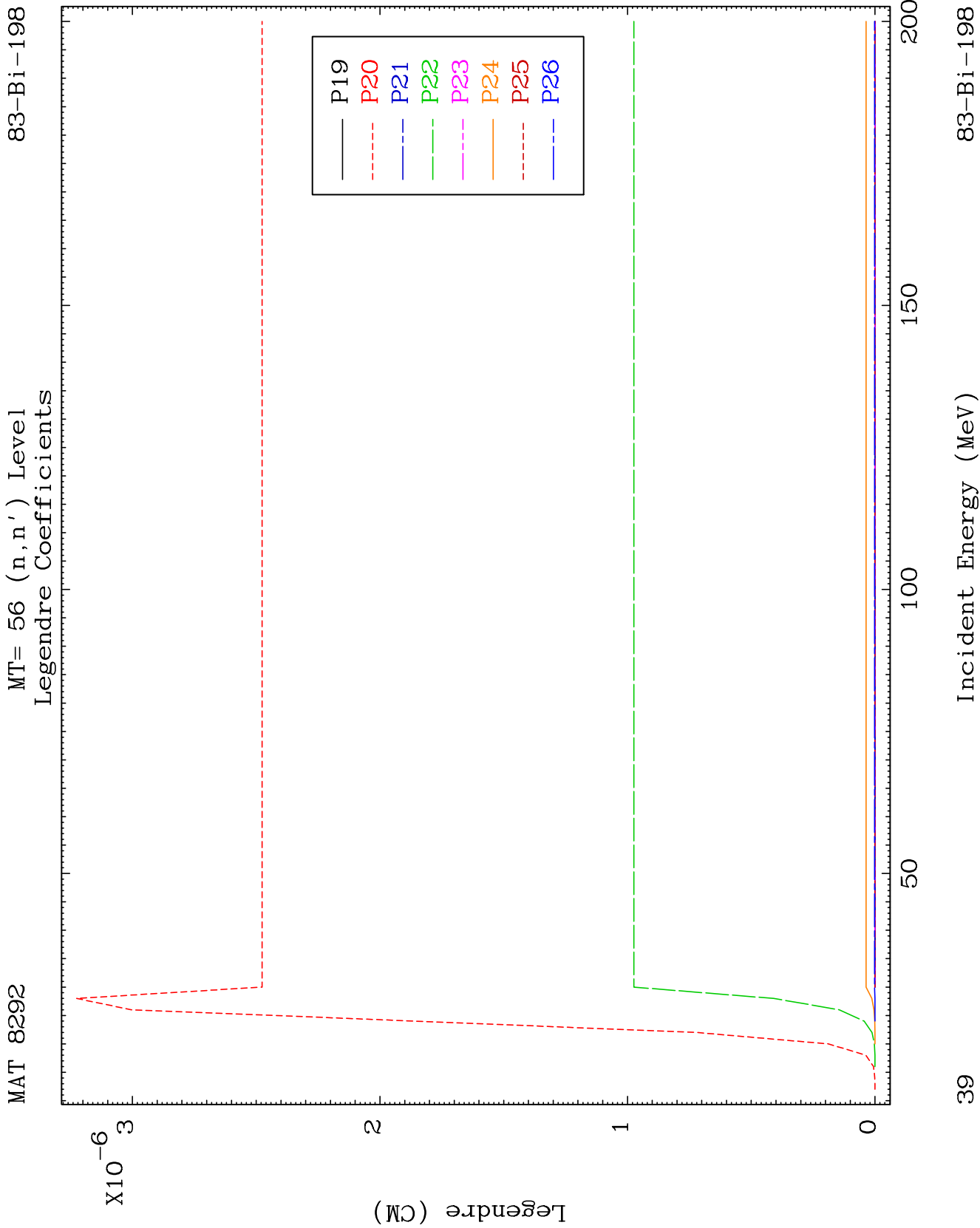
MT= 55 (n, n') Level
Legendre Coefficients

83-Bi-198





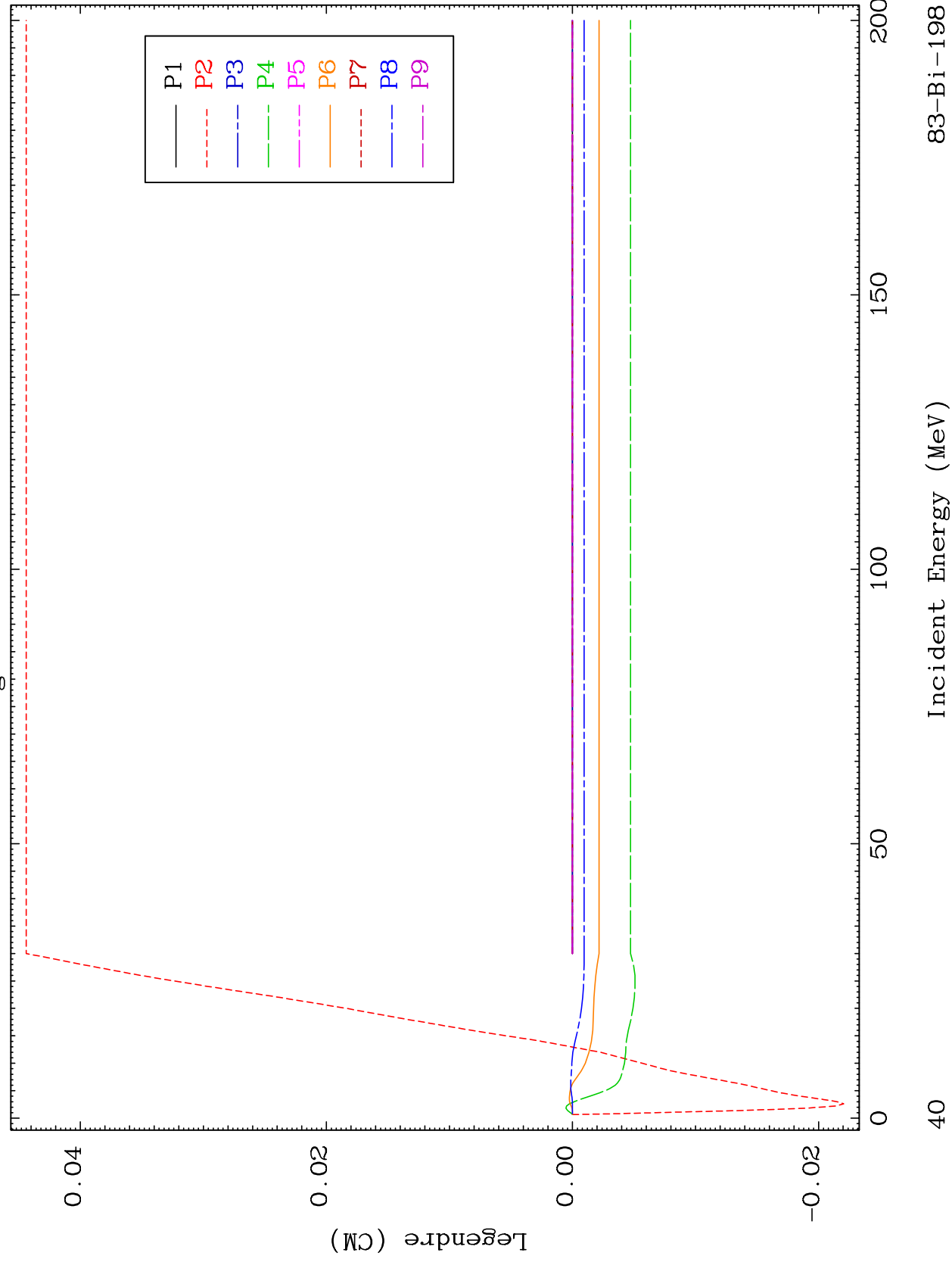


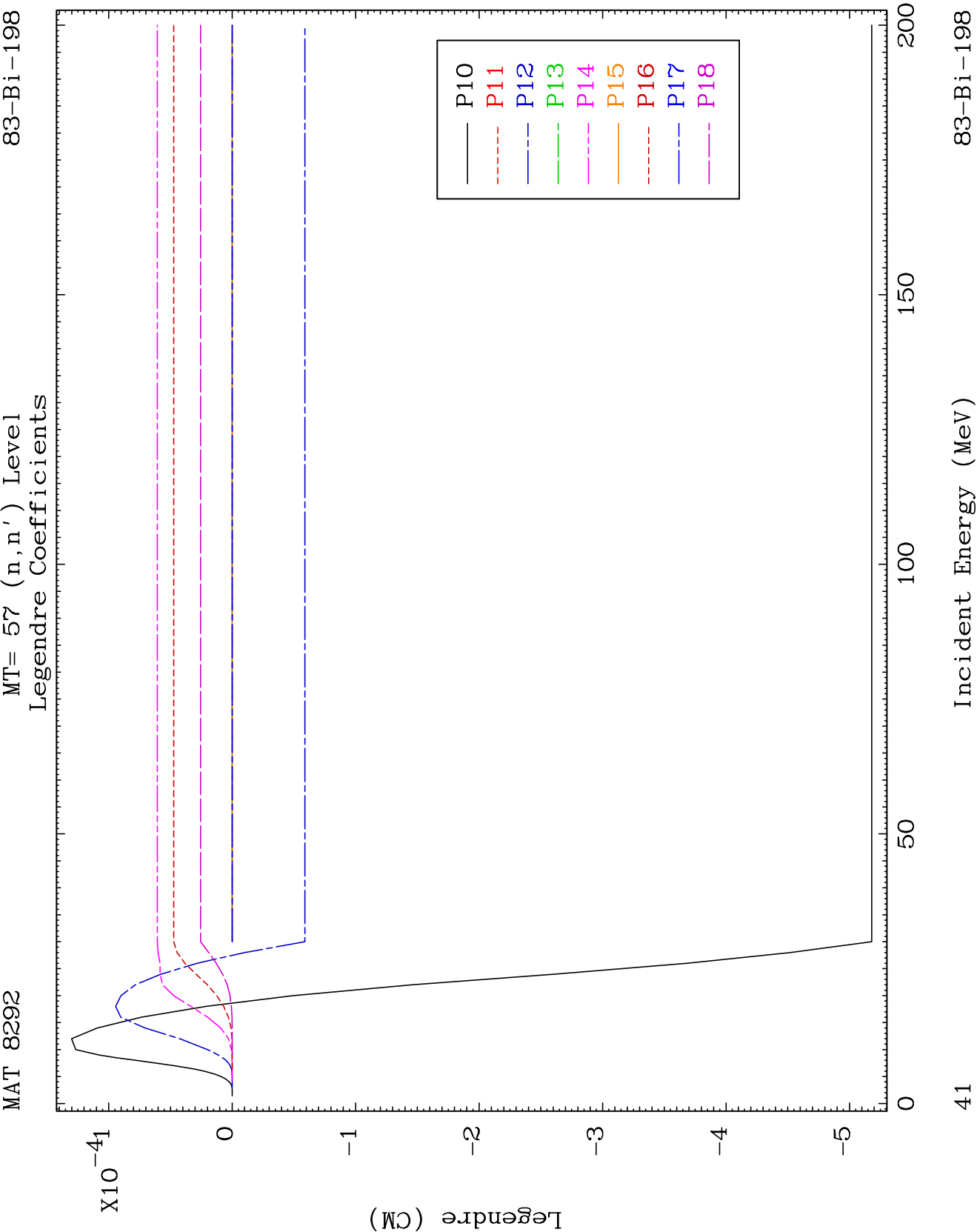


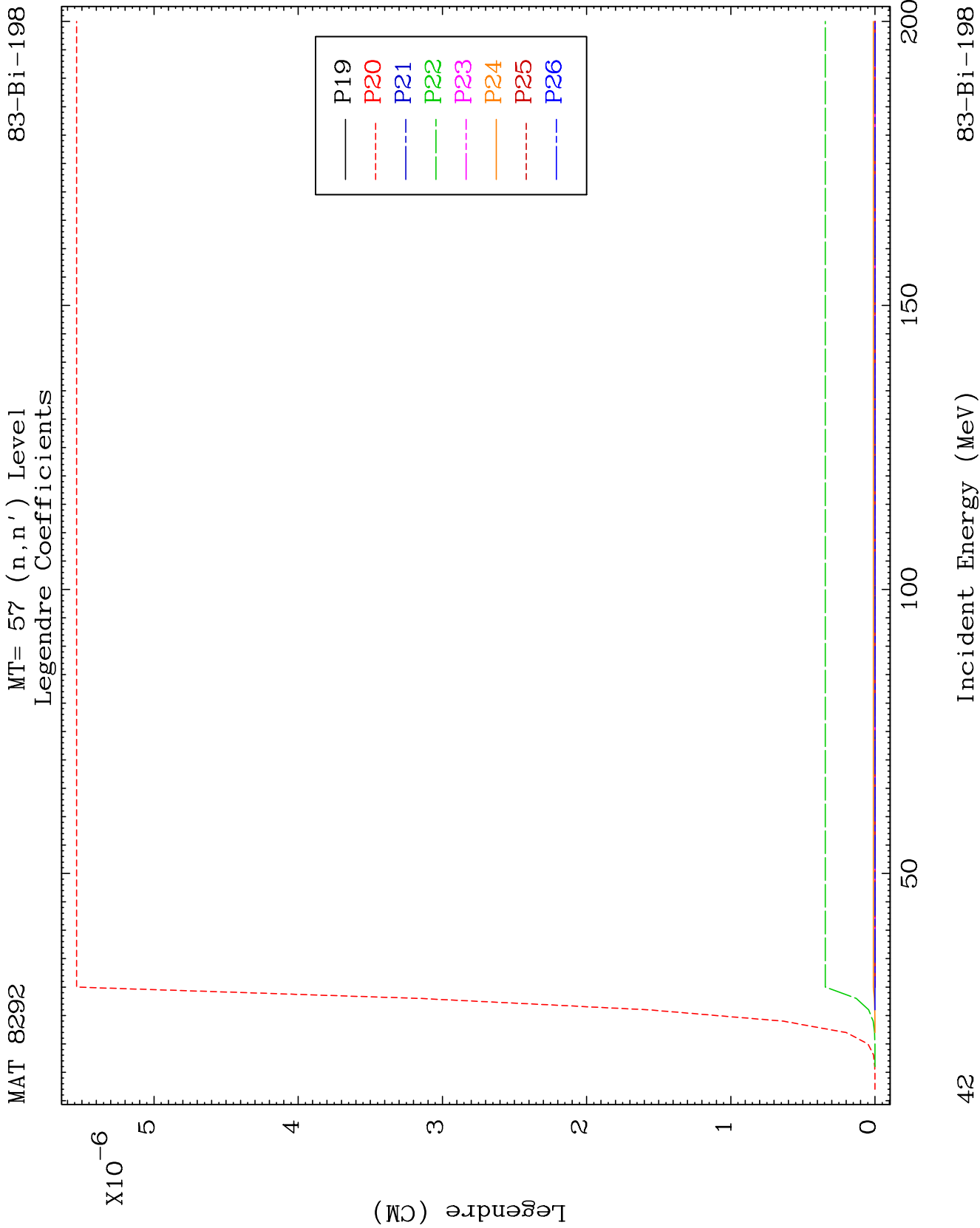
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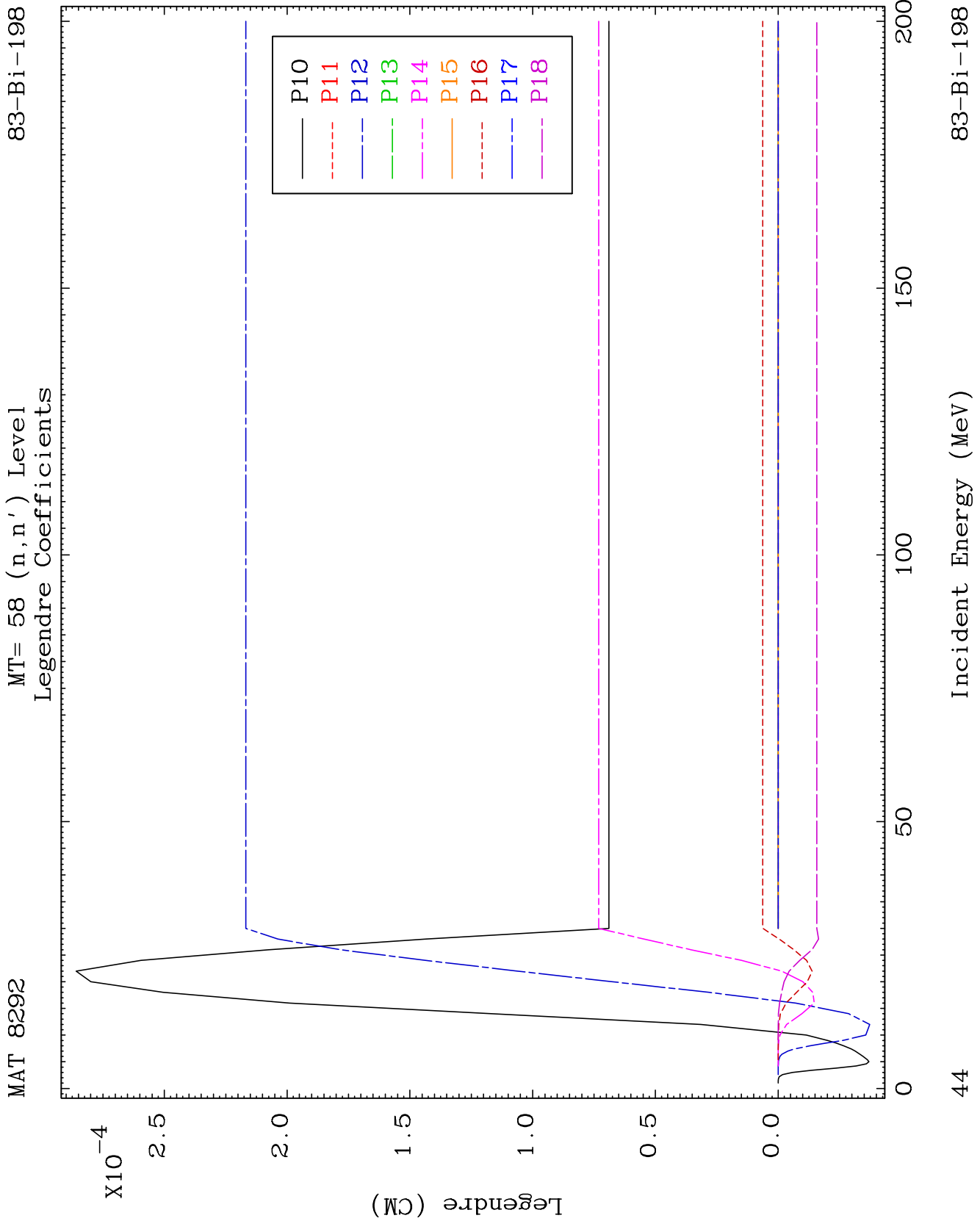
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Legendre Coefficients

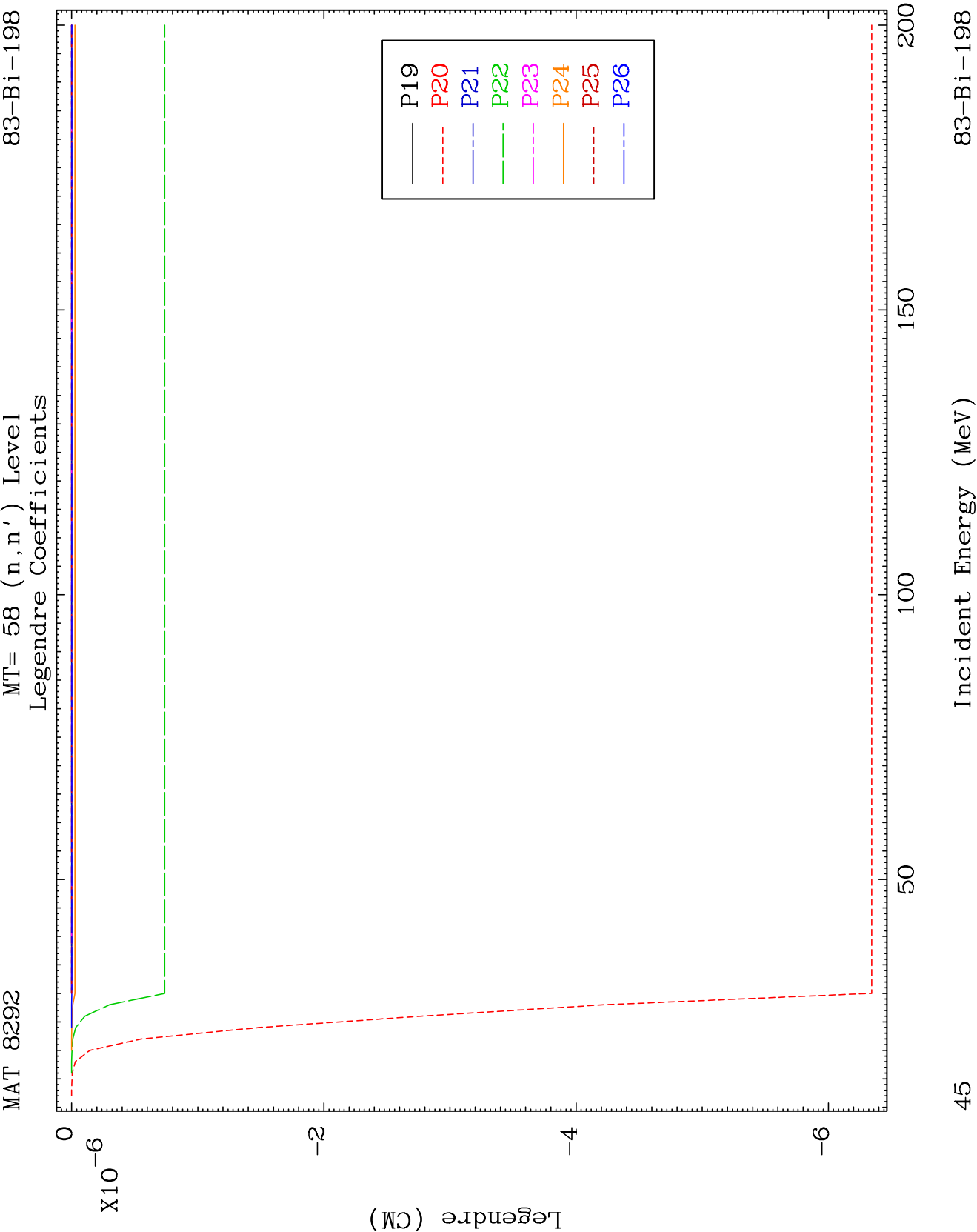
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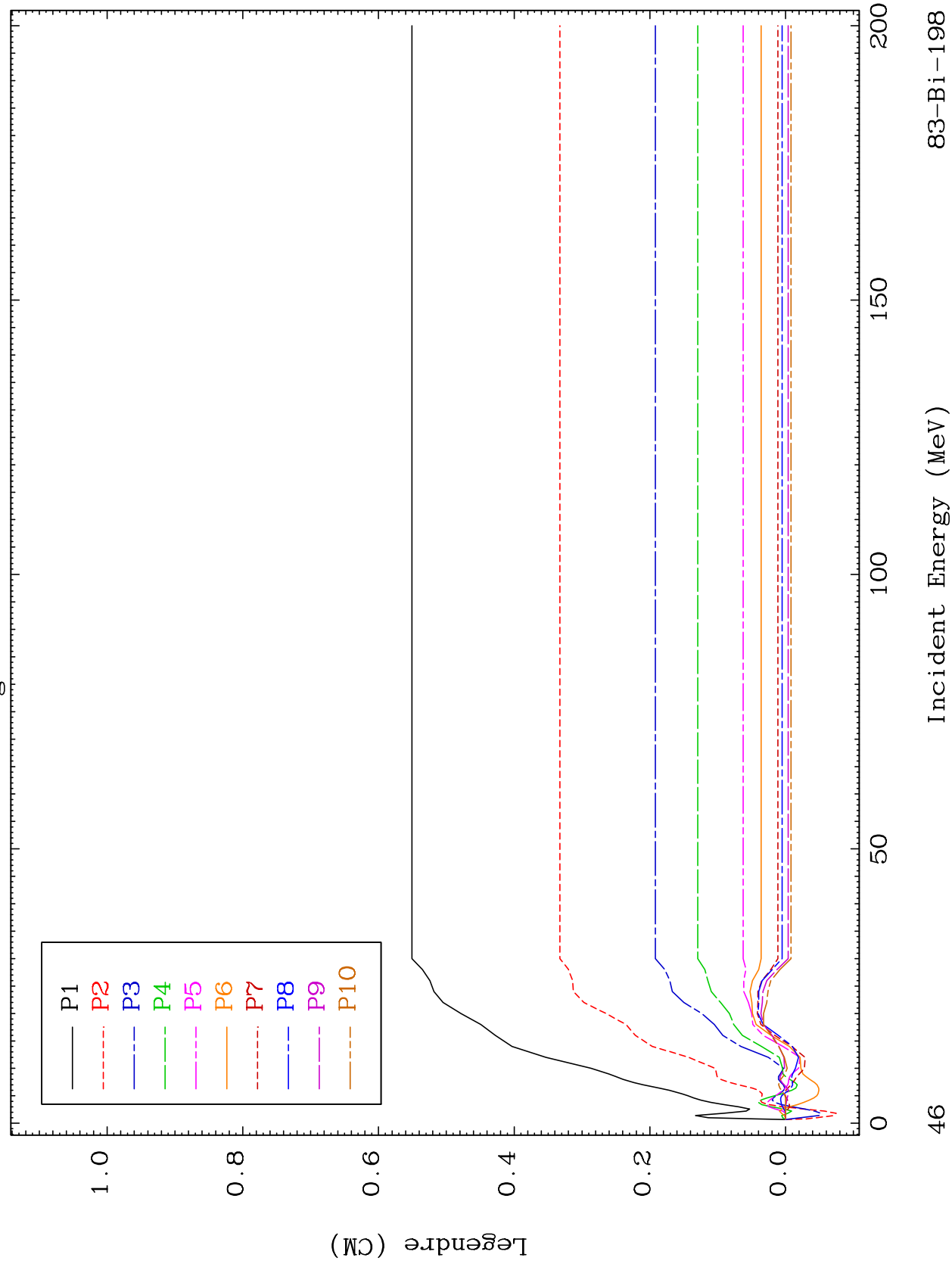


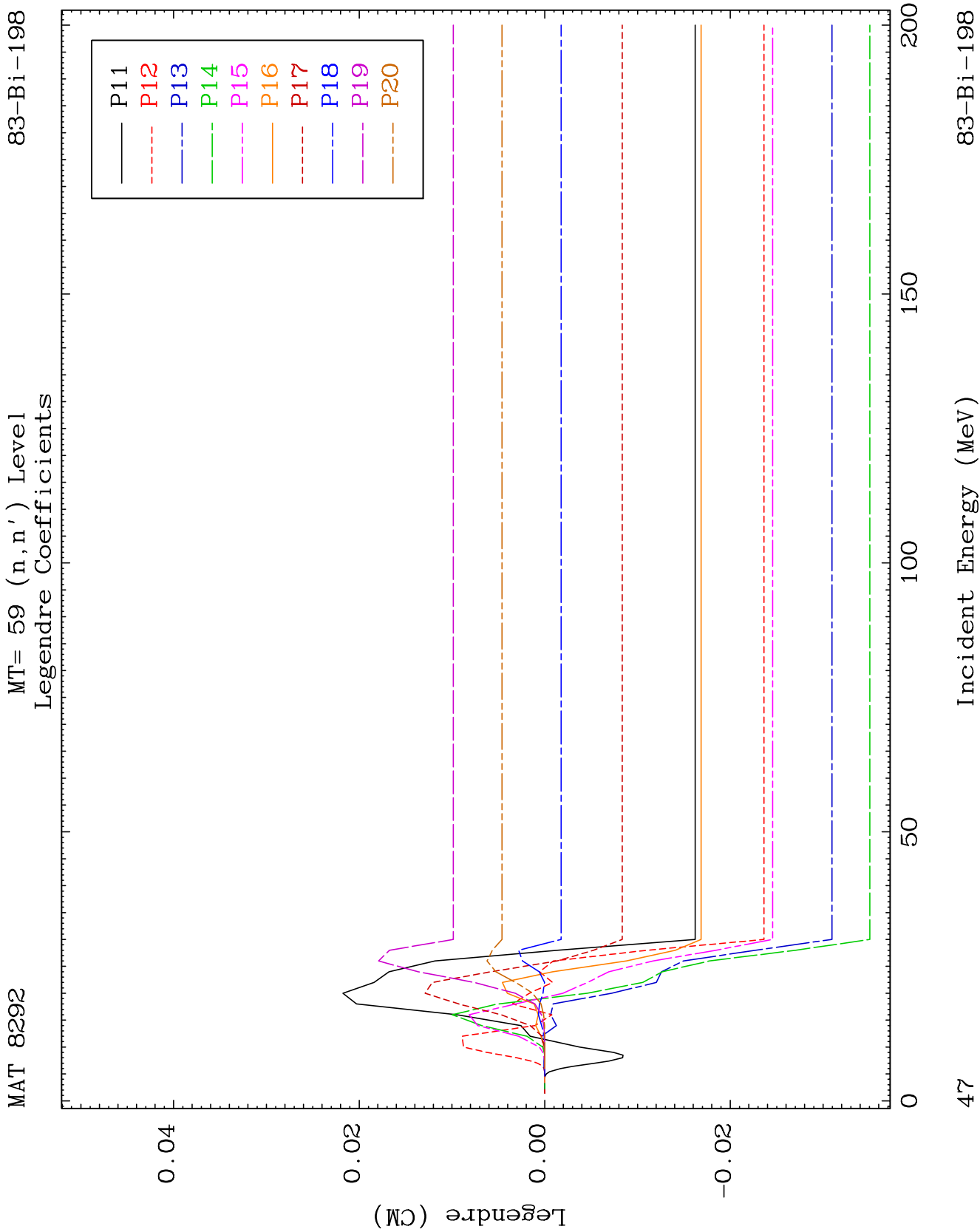


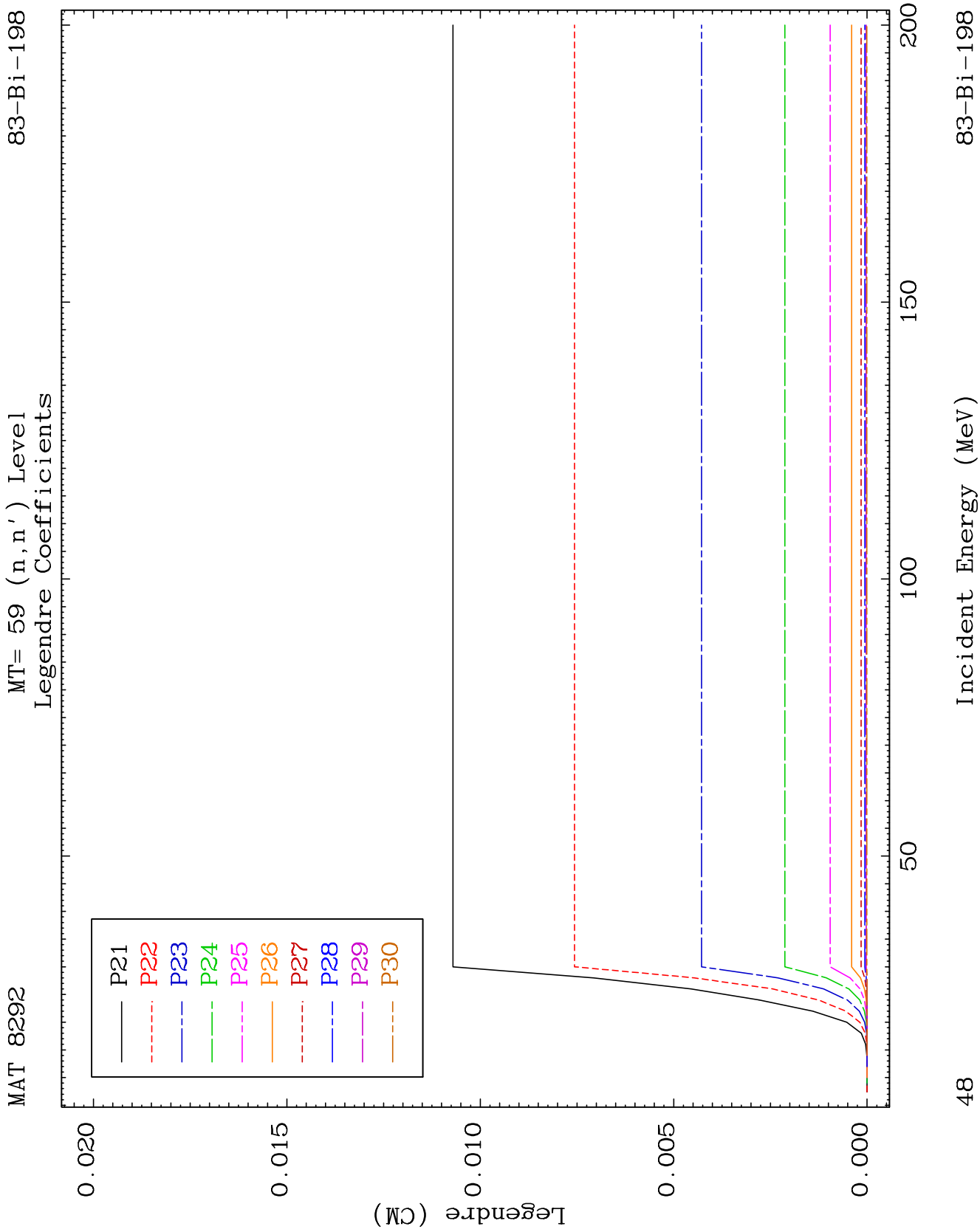
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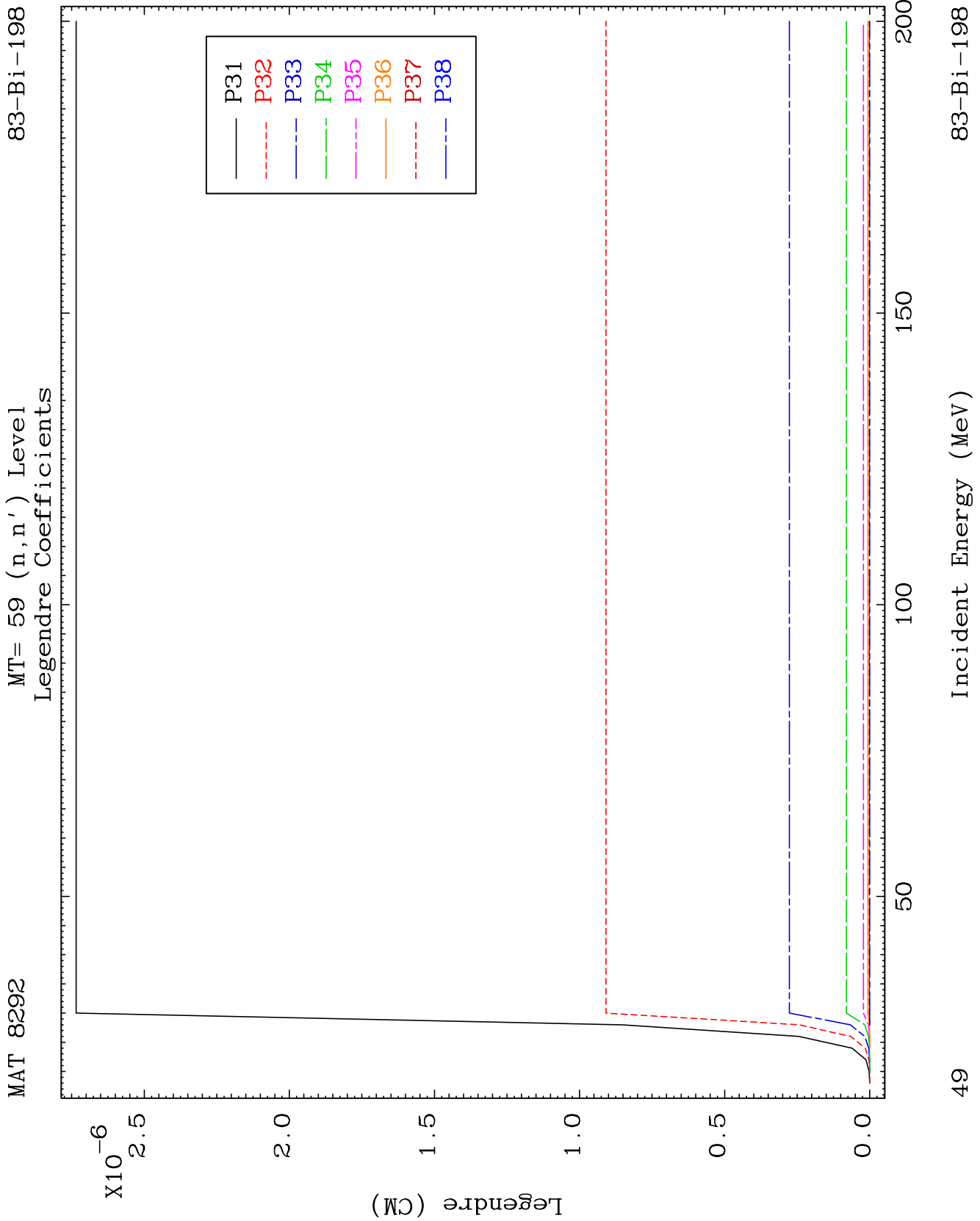
MT= 59 (n, n') Level
Legendre Coefficients

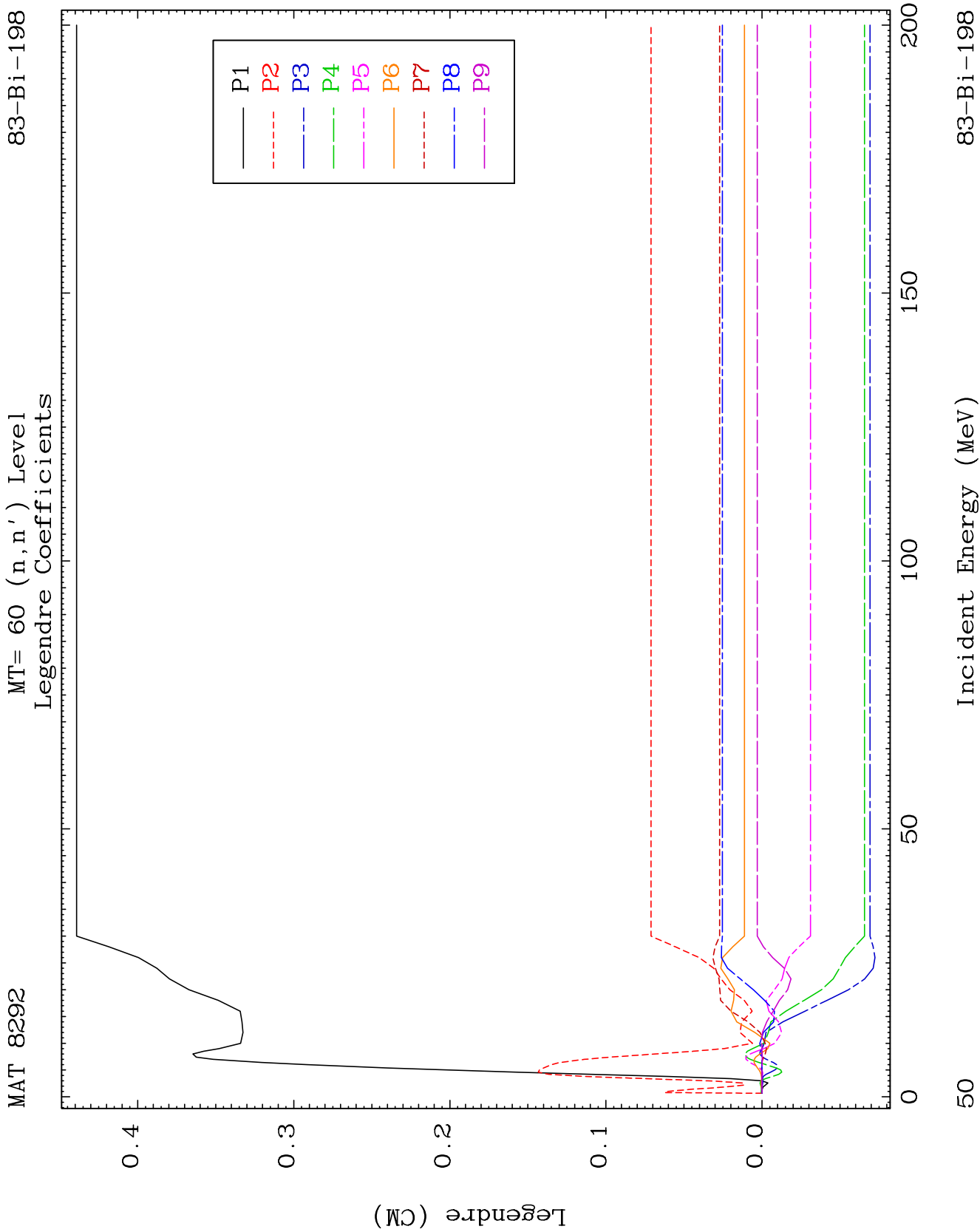
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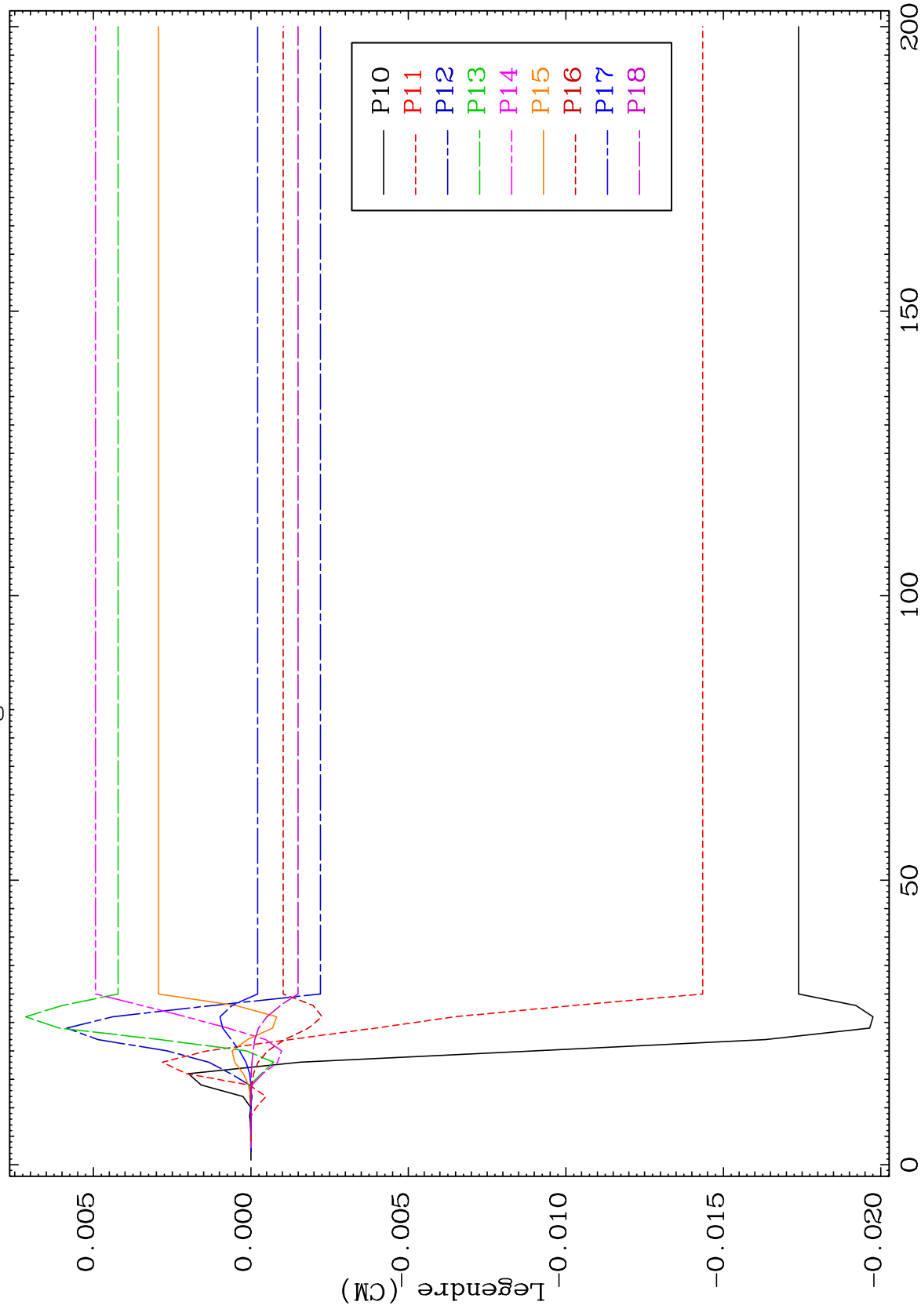




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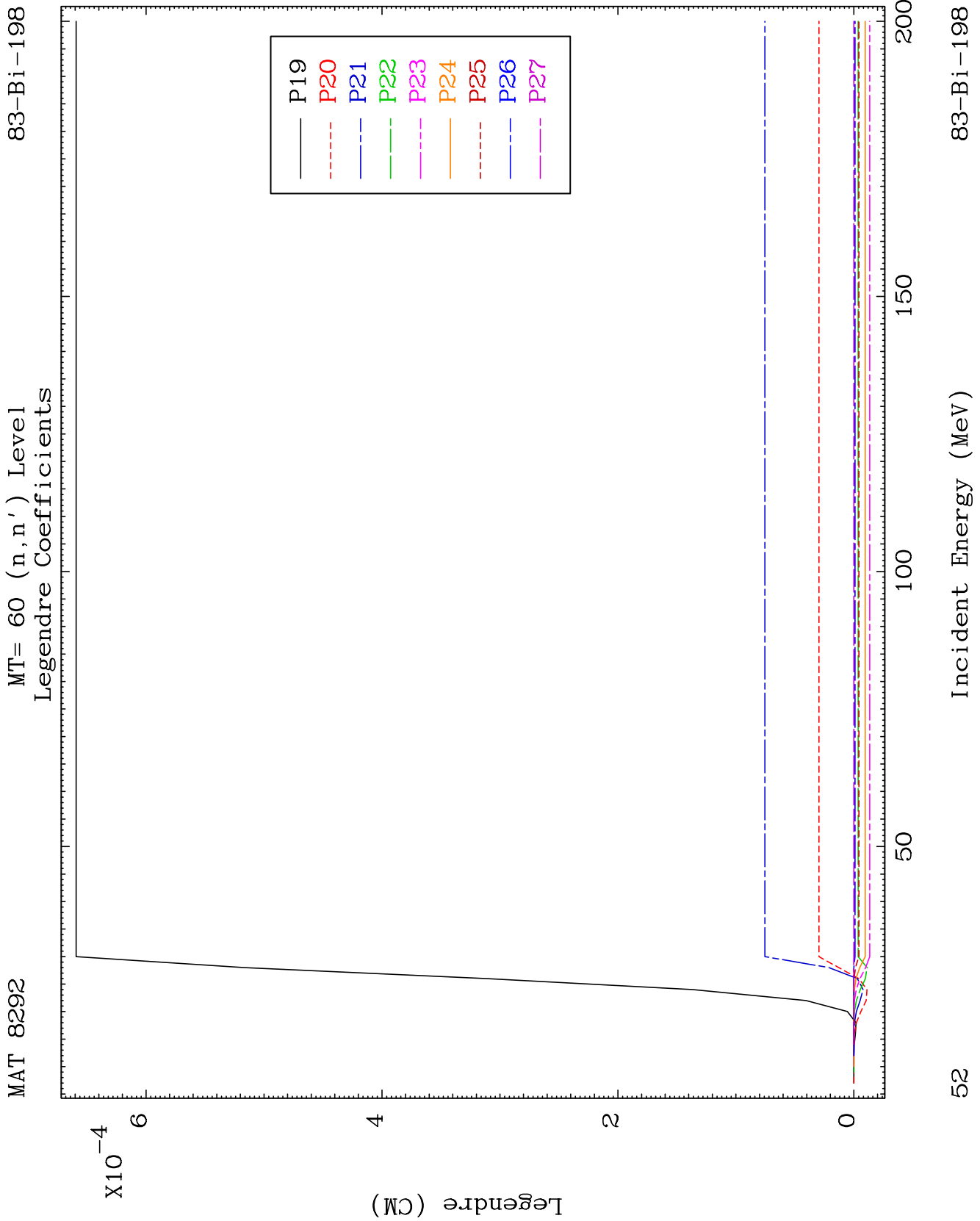
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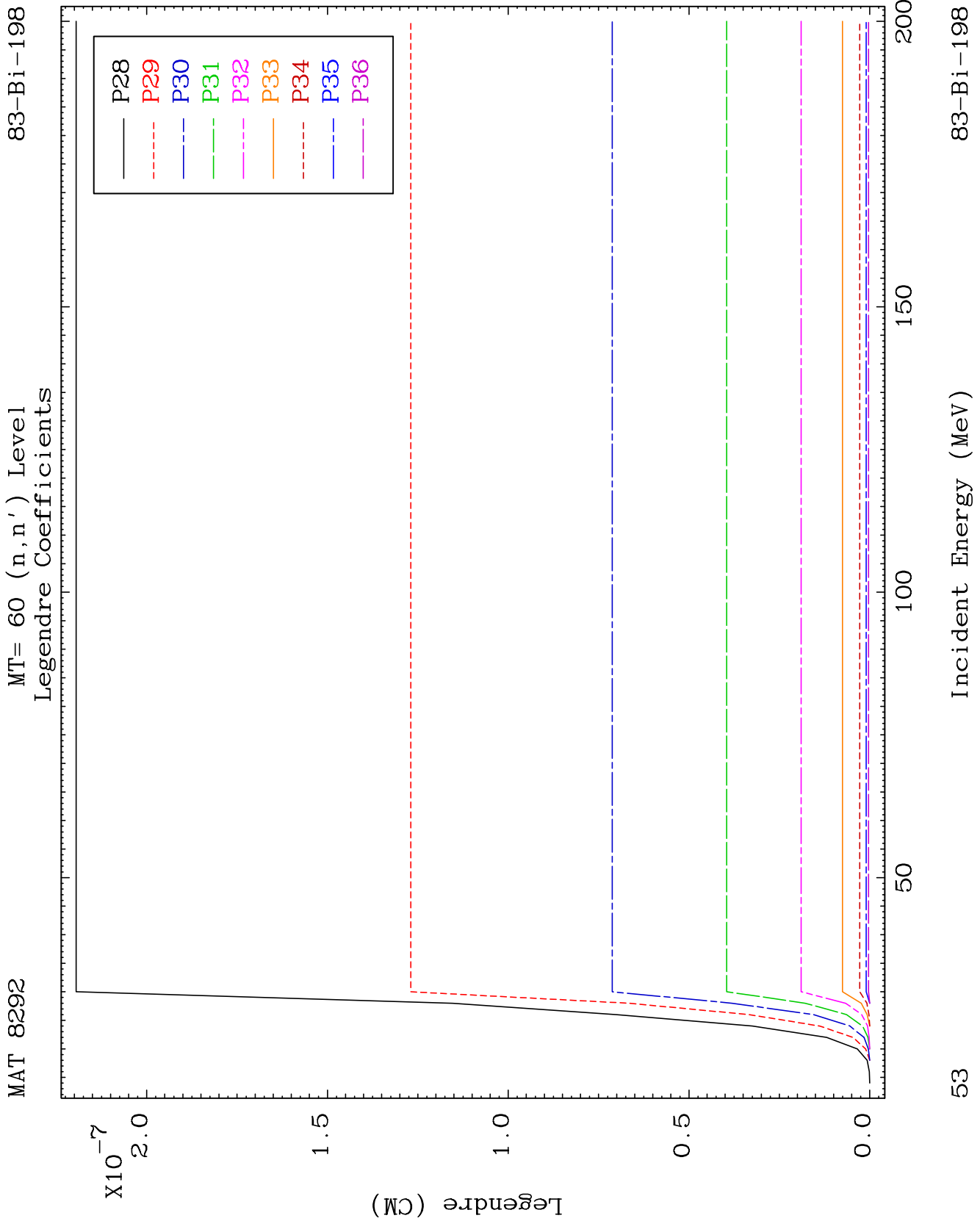
MT= 60 (n, n') Level
Legendre Coefficients



83-Bi-198

Incident Energy (MeV)

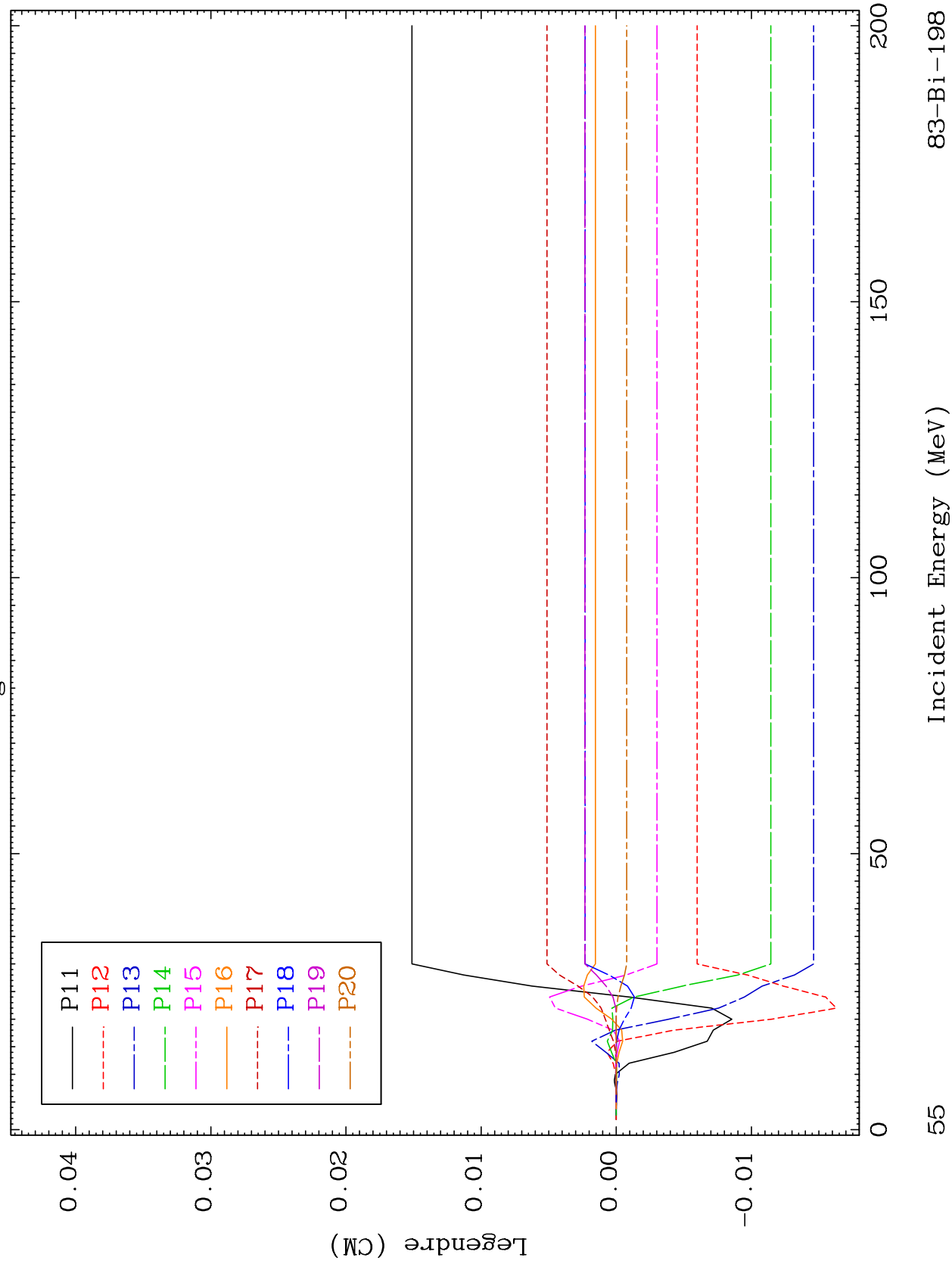


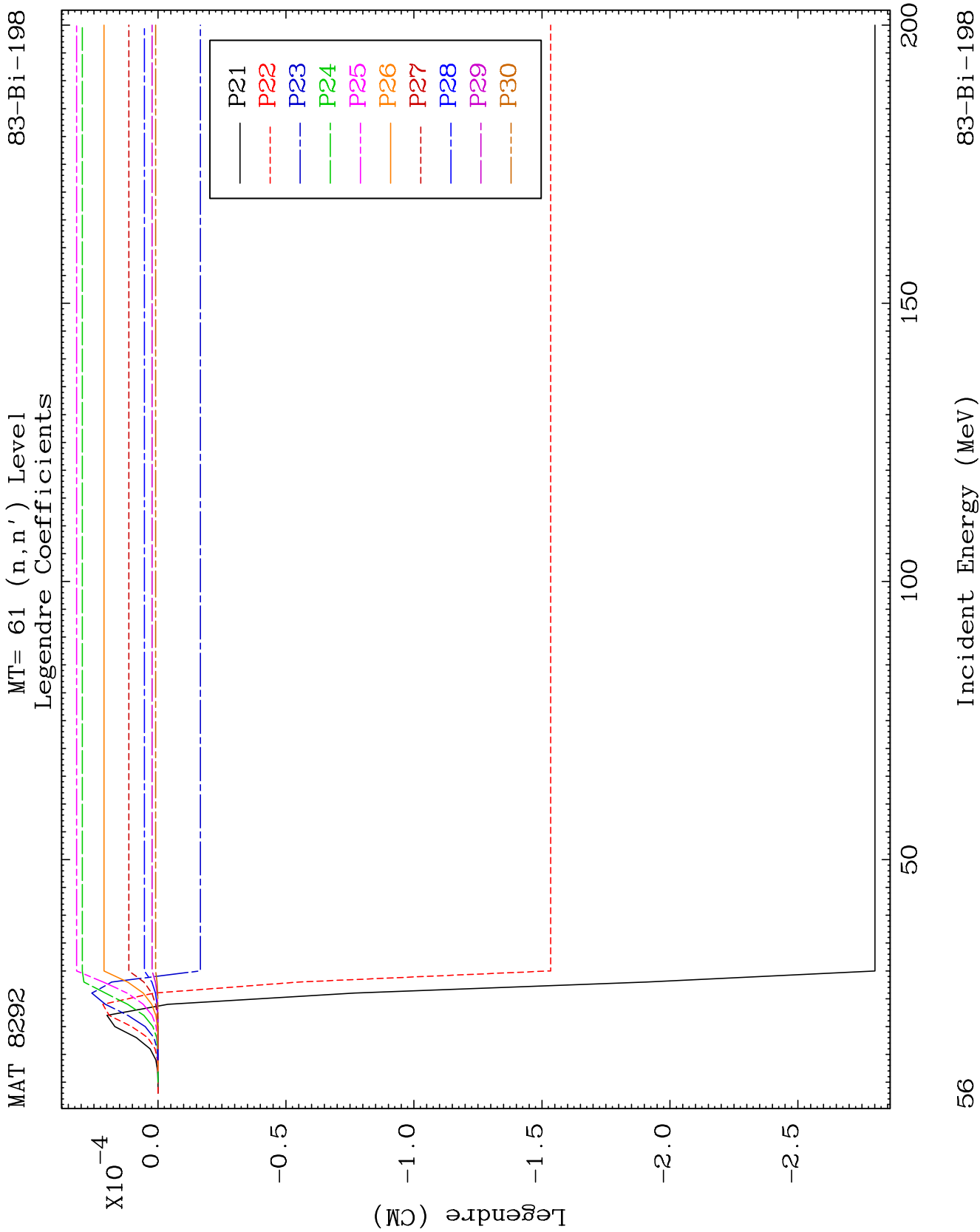


MAT 8292

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

83-Bi-198

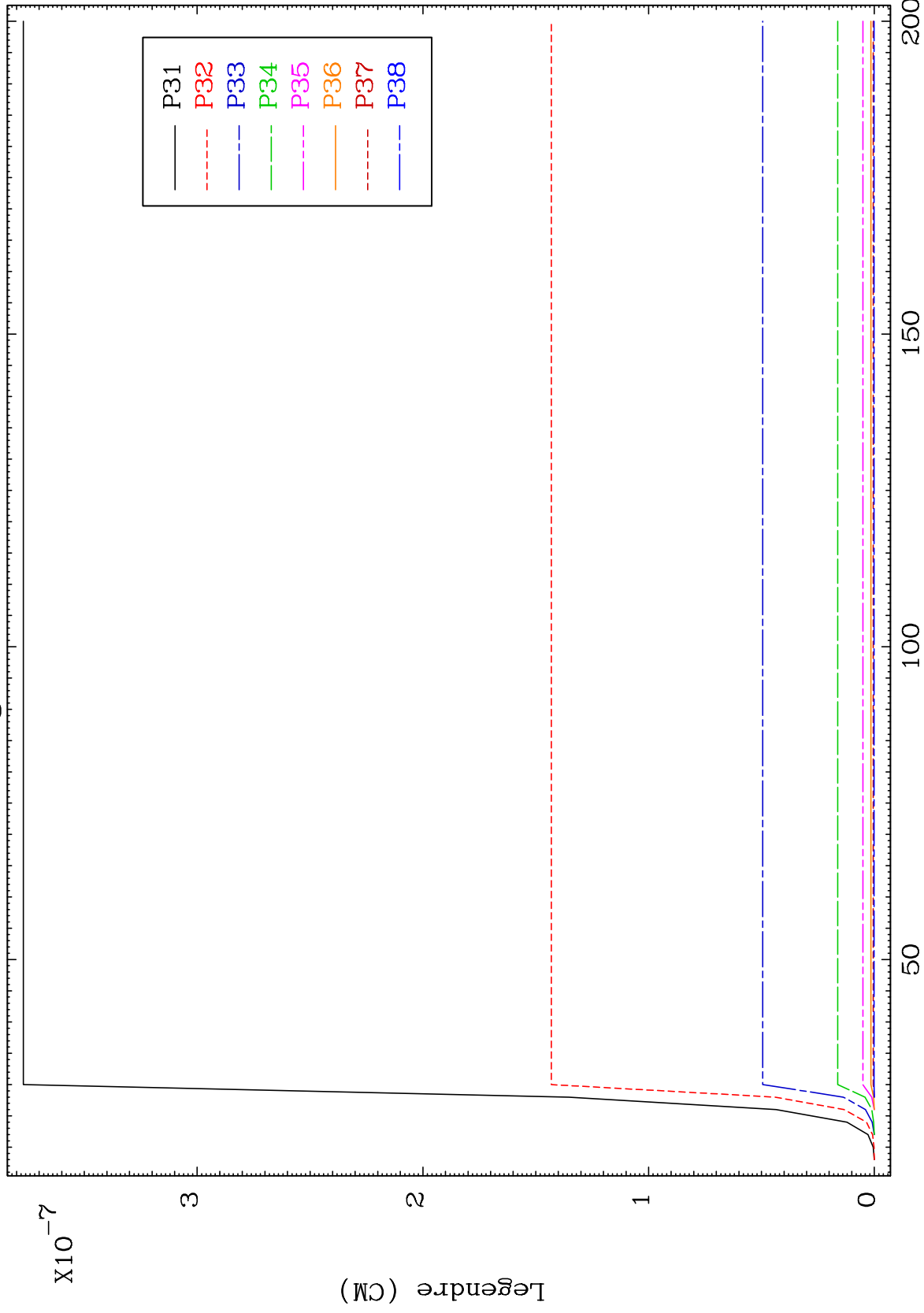




MAT 8292

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

83-Bi-198



57

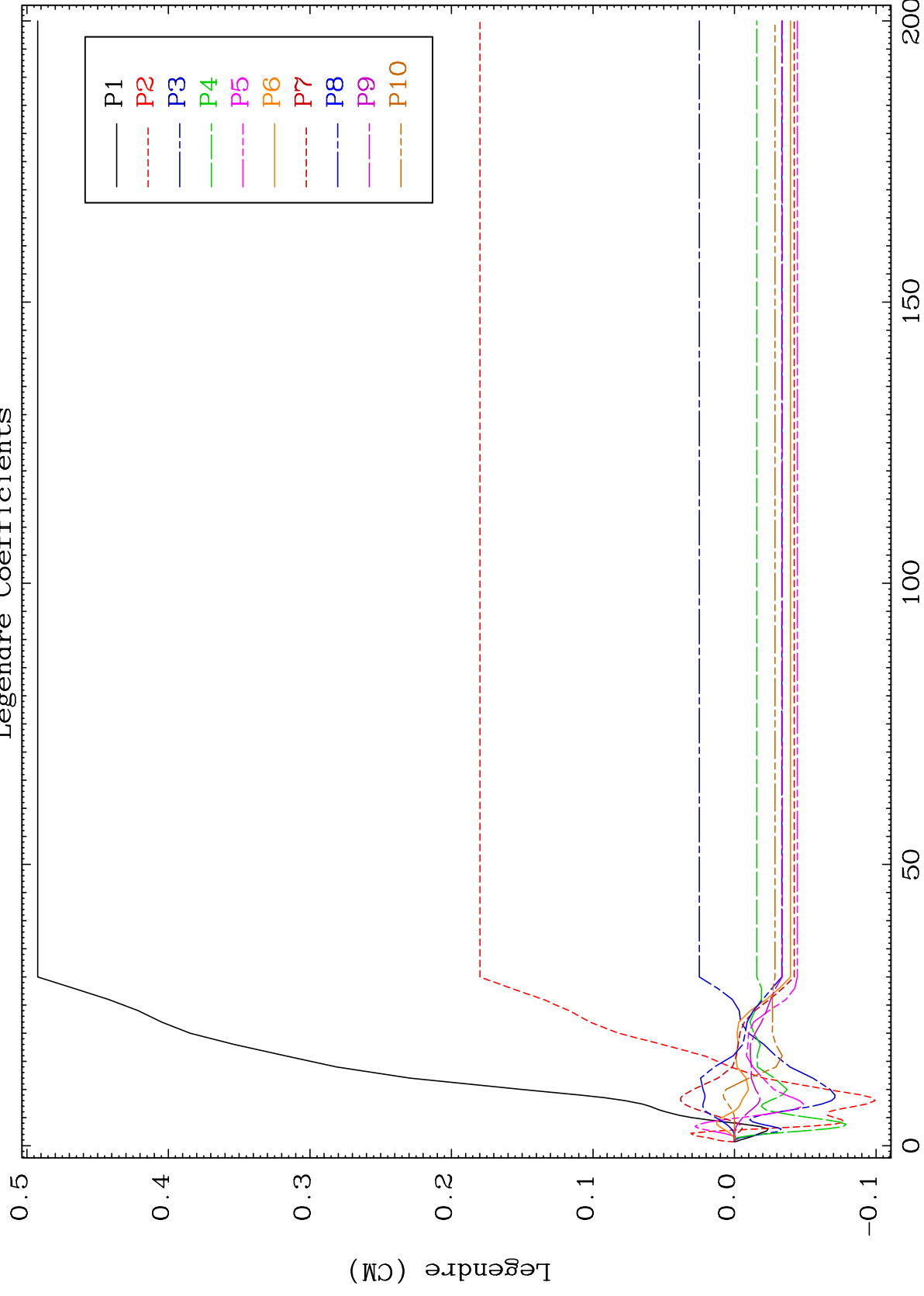
Incident Energy (MeV)

83-Bi-198

MAT 8292

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

83-Bi-198



58

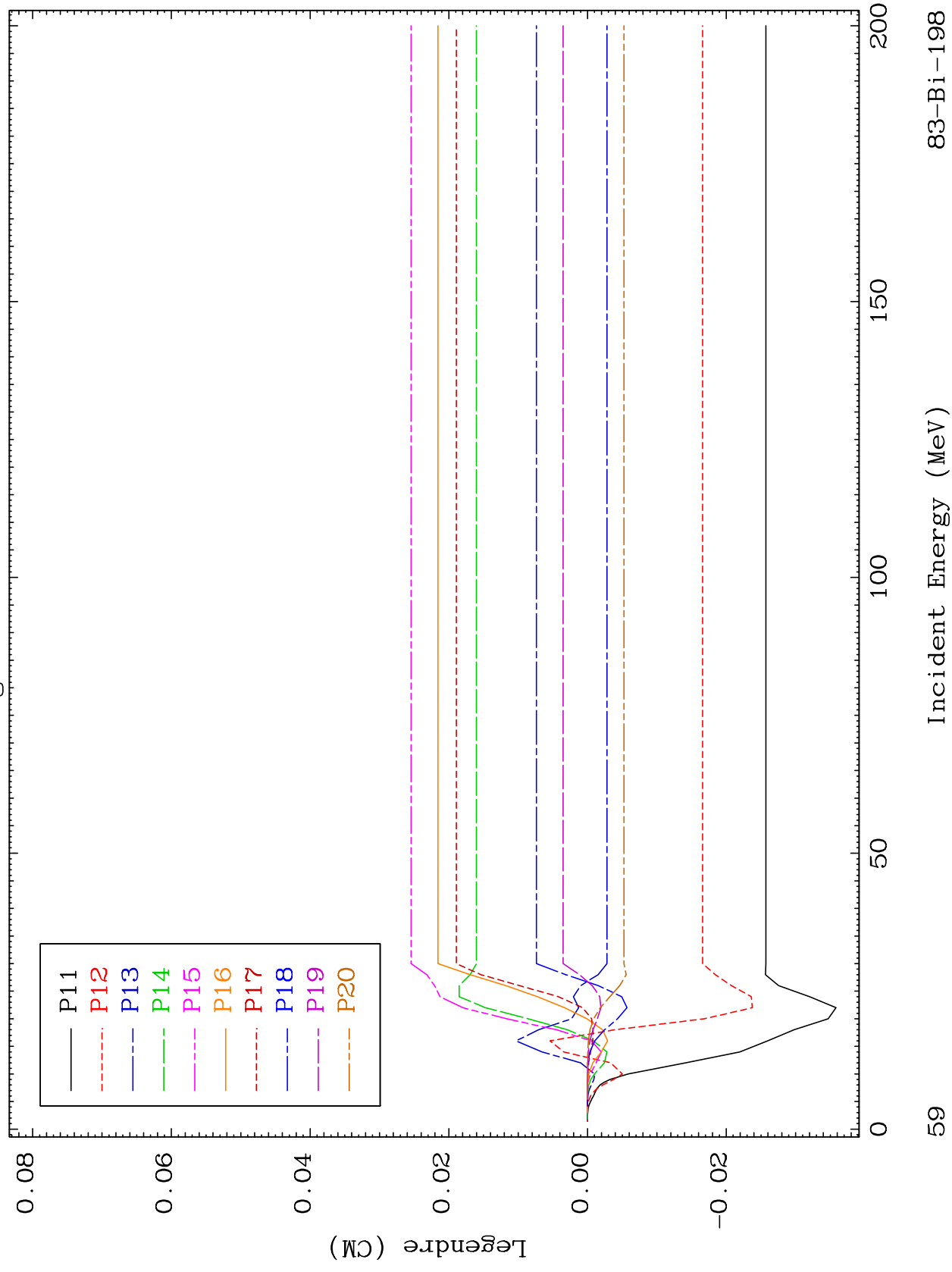
Incident Energy (MeV)

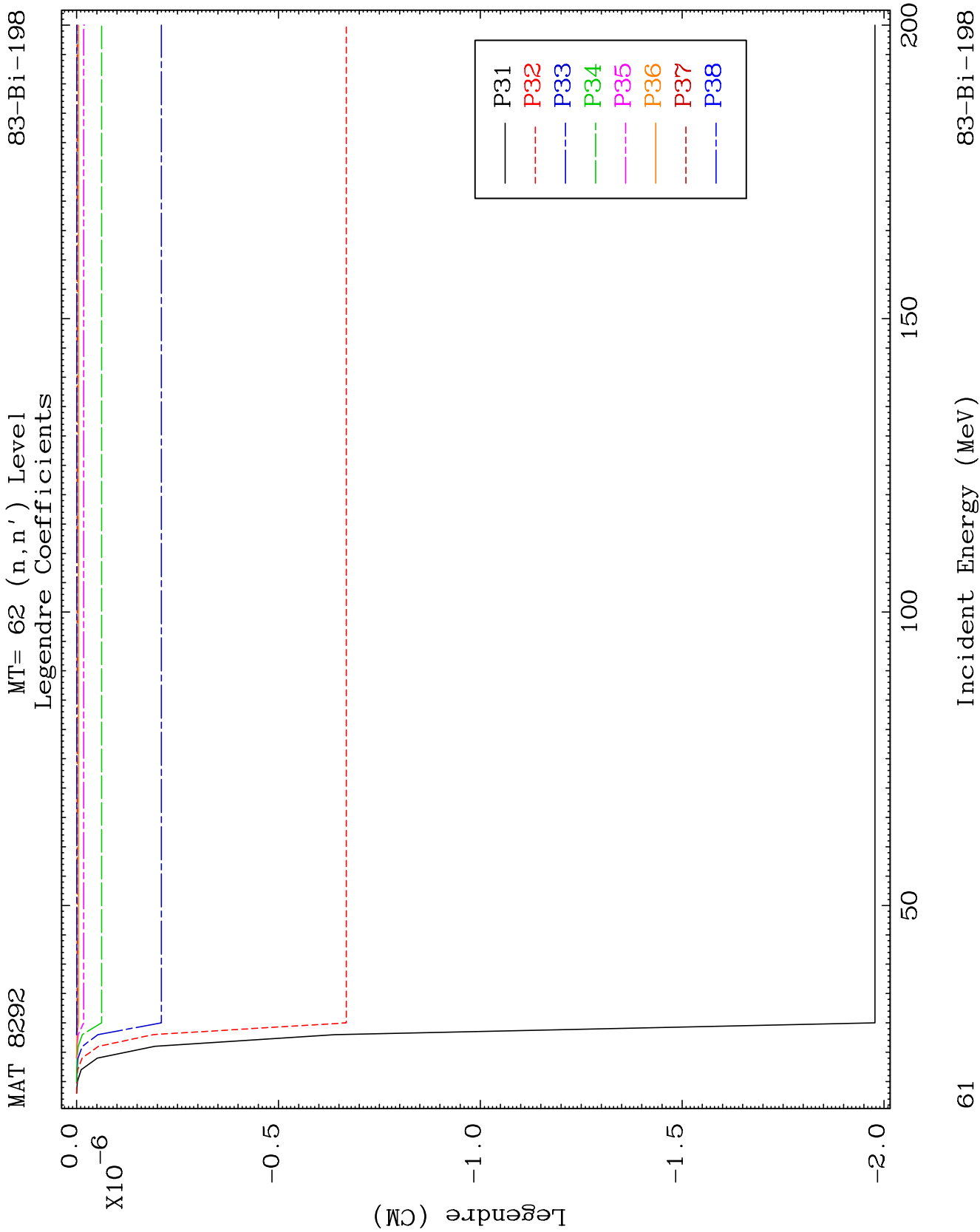
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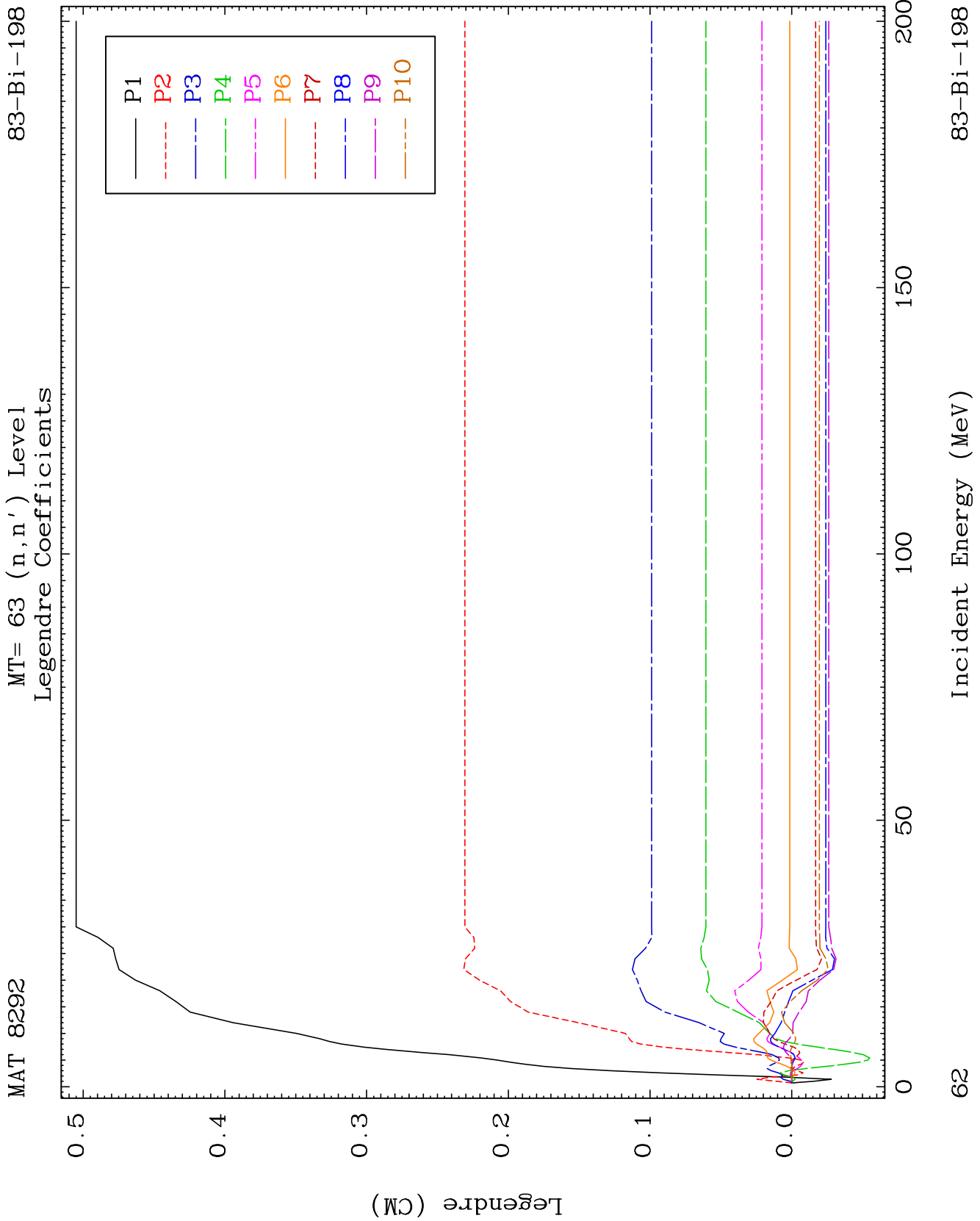
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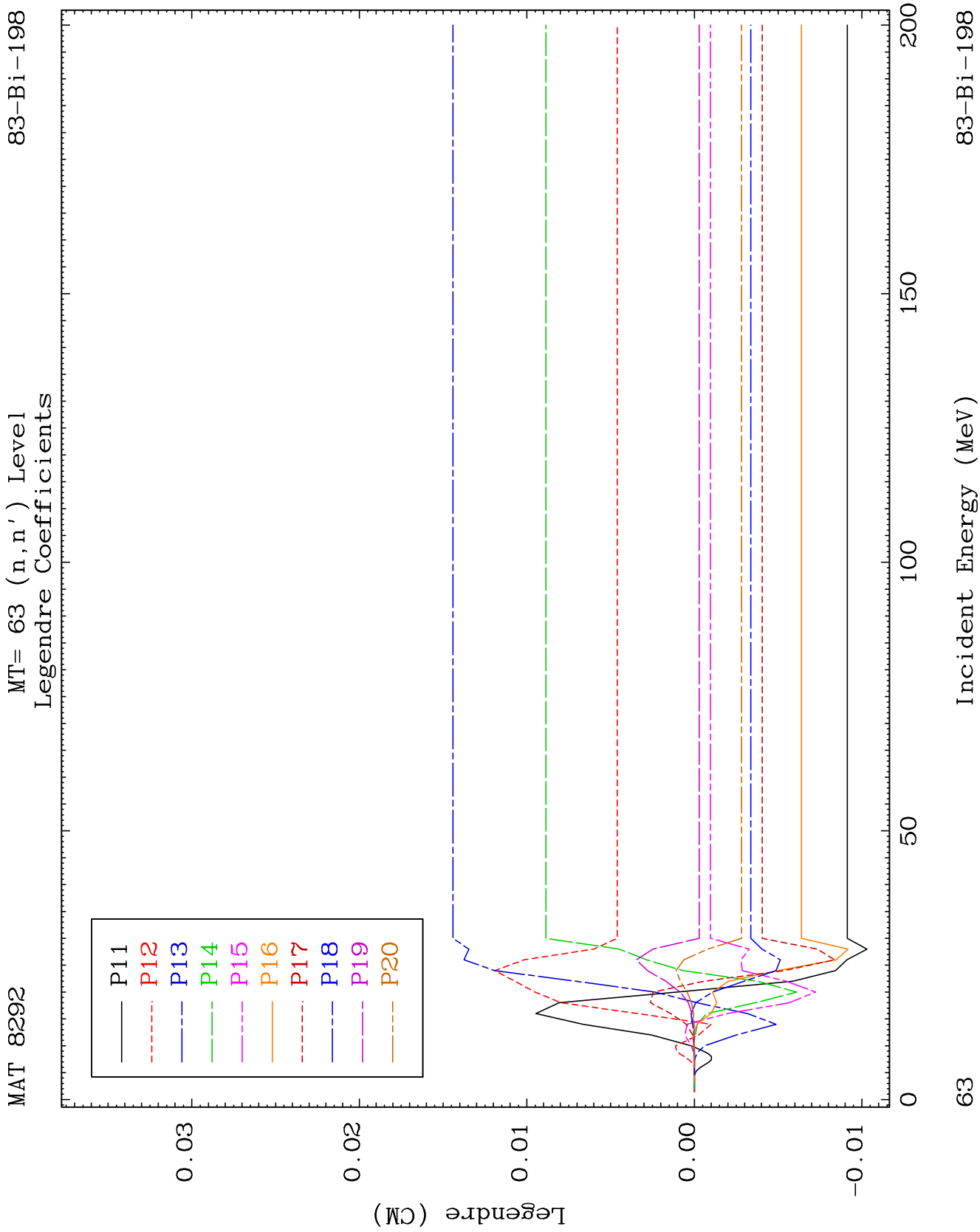
MT= 62 (n, n') Level
Legendre Coefficients

83-Bi-198





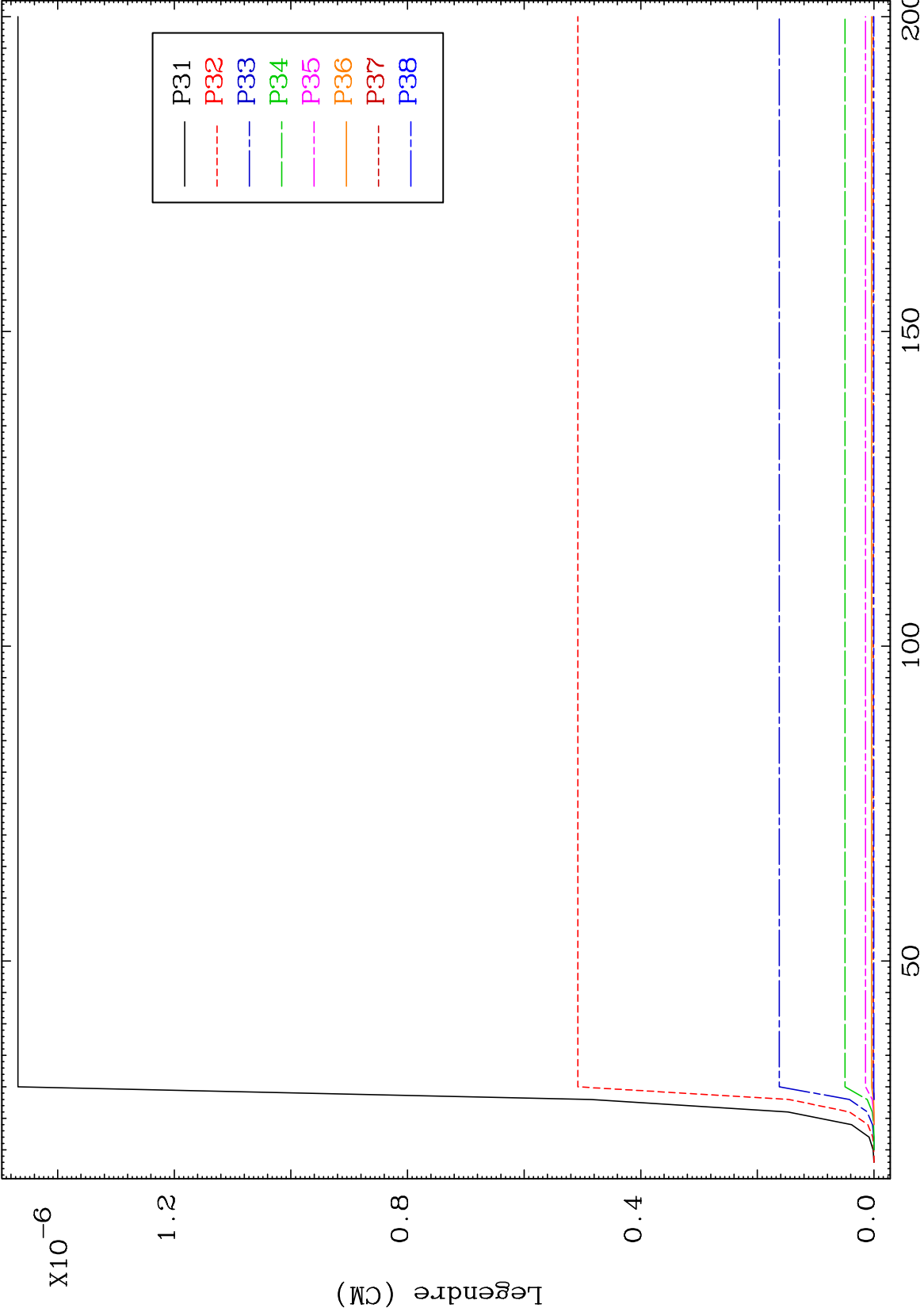




MAT 8292

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

83-Bi-198



65

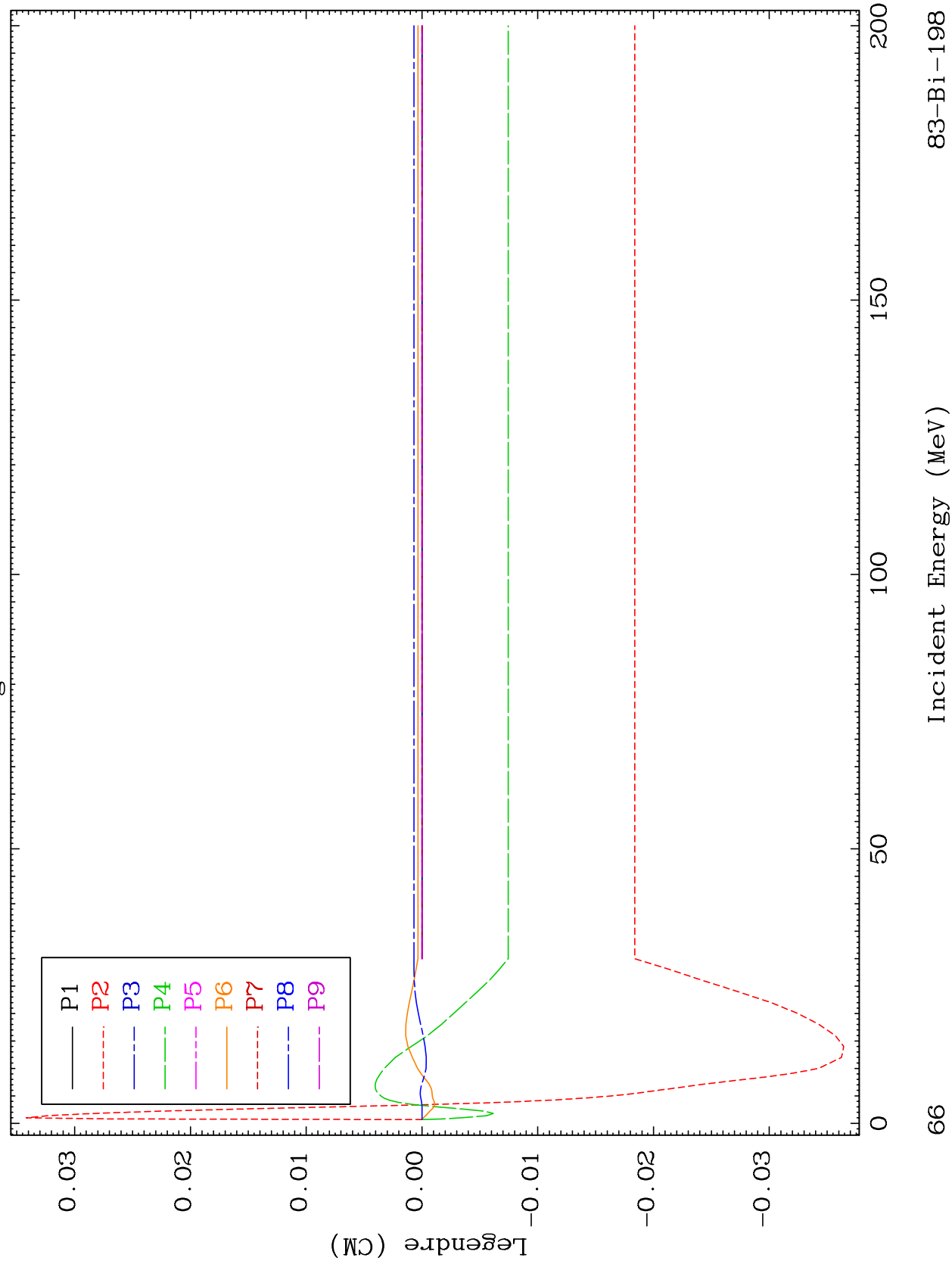
Incident Energy (MeV)

83-Bi-198

MAT 8292

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

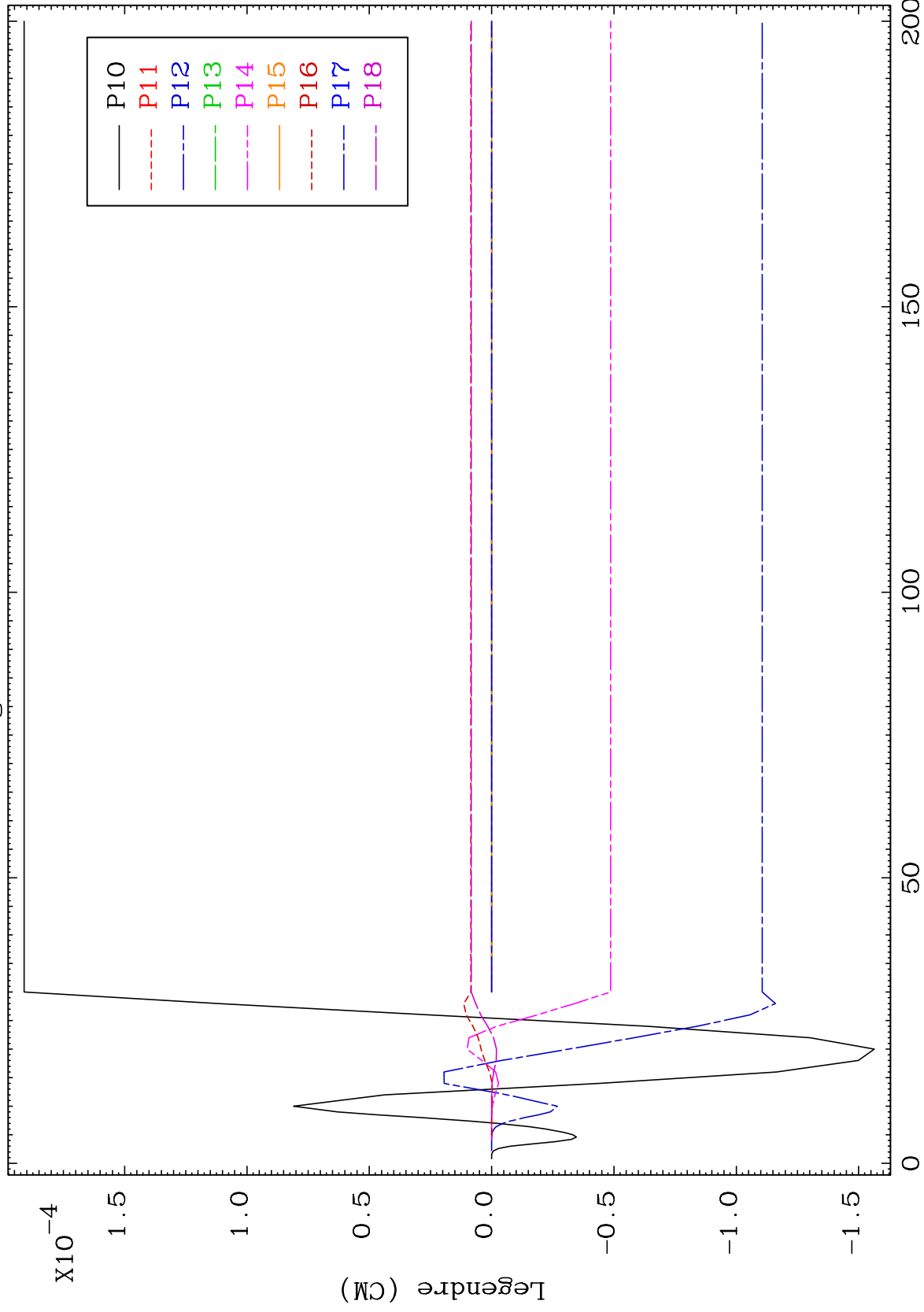
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MAT 8292

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

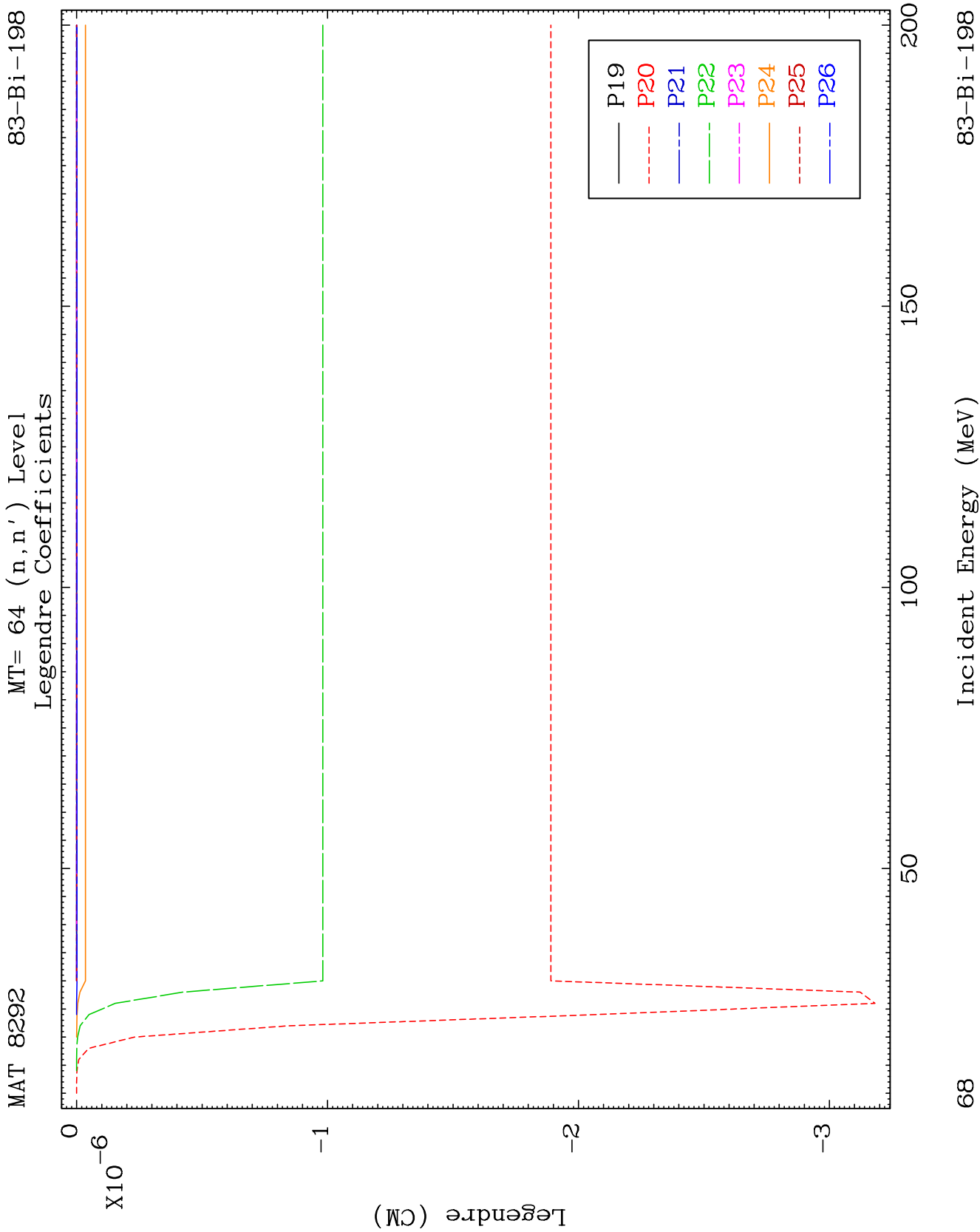
83-Bi-198



67

Incident Energy (MeV)

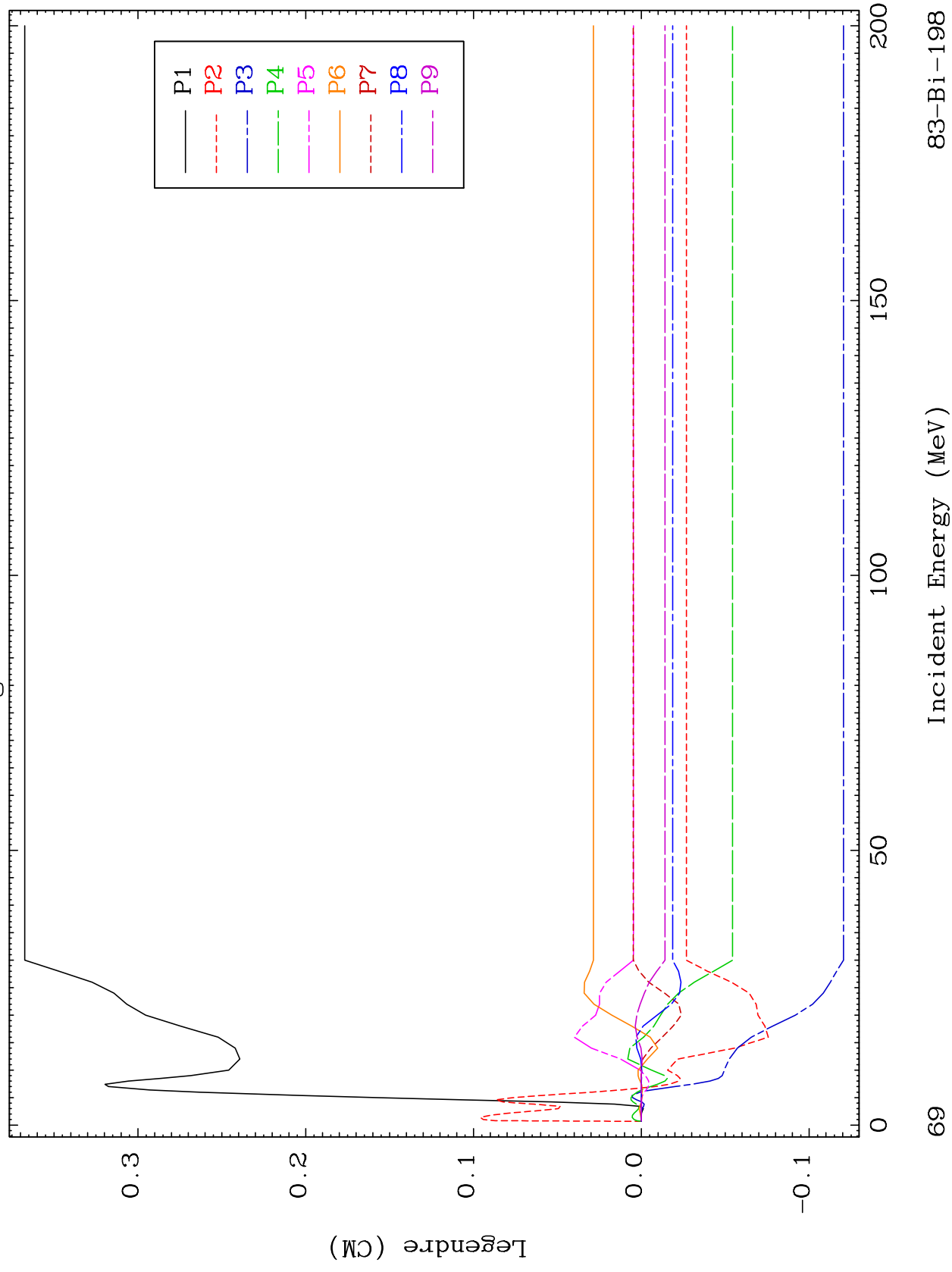
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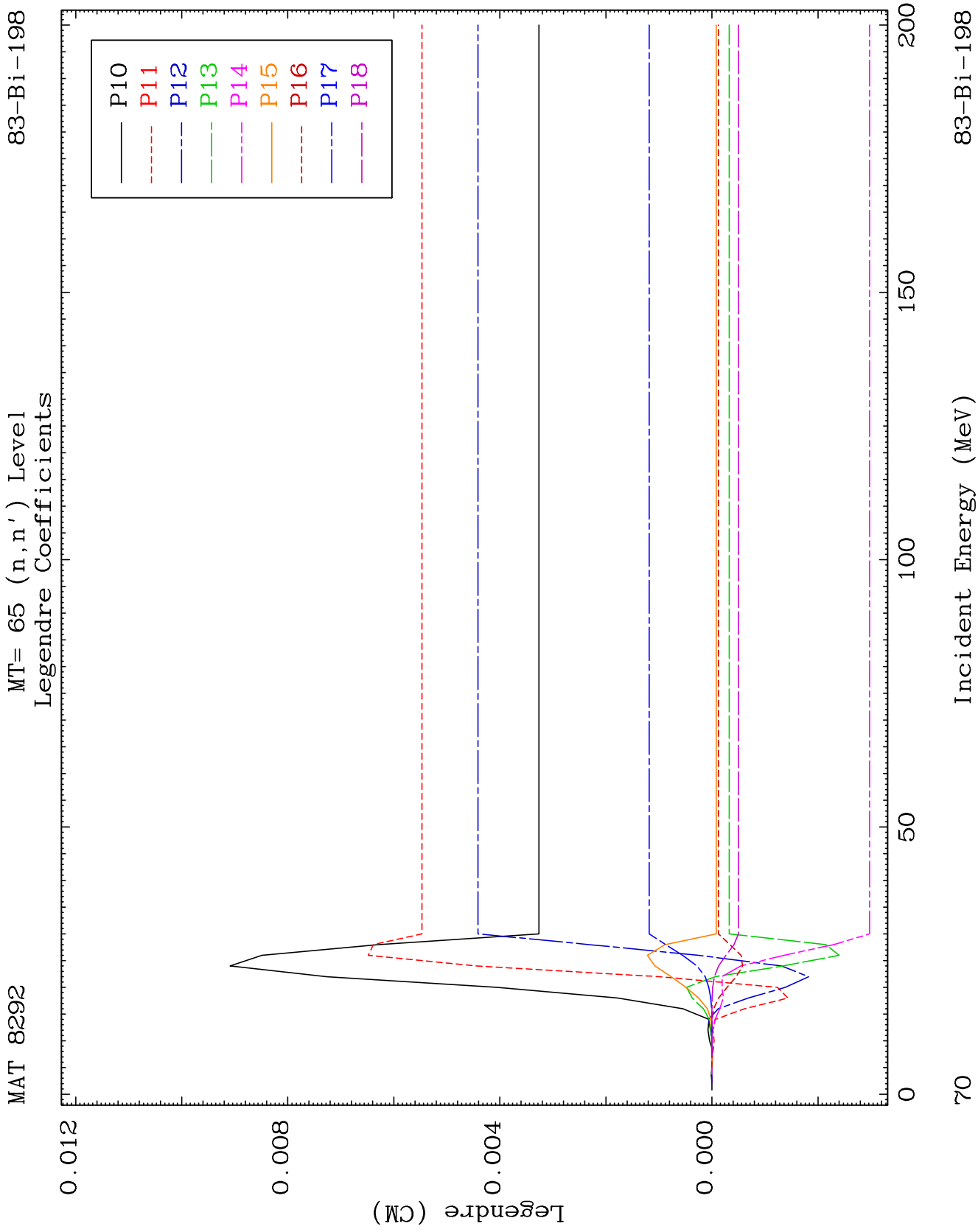


MAT 8292

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

83-Bi-198

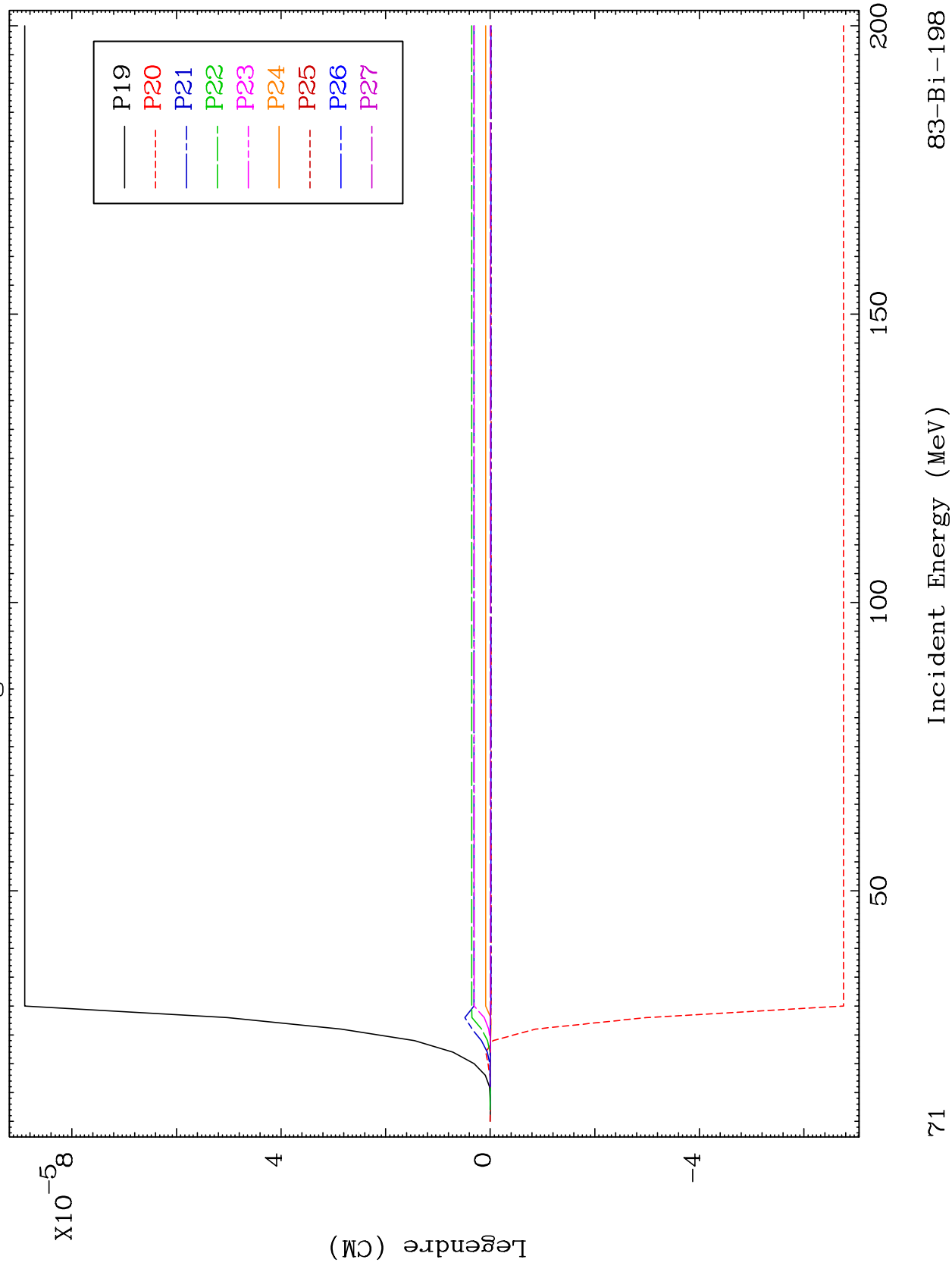




MAT 8292

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

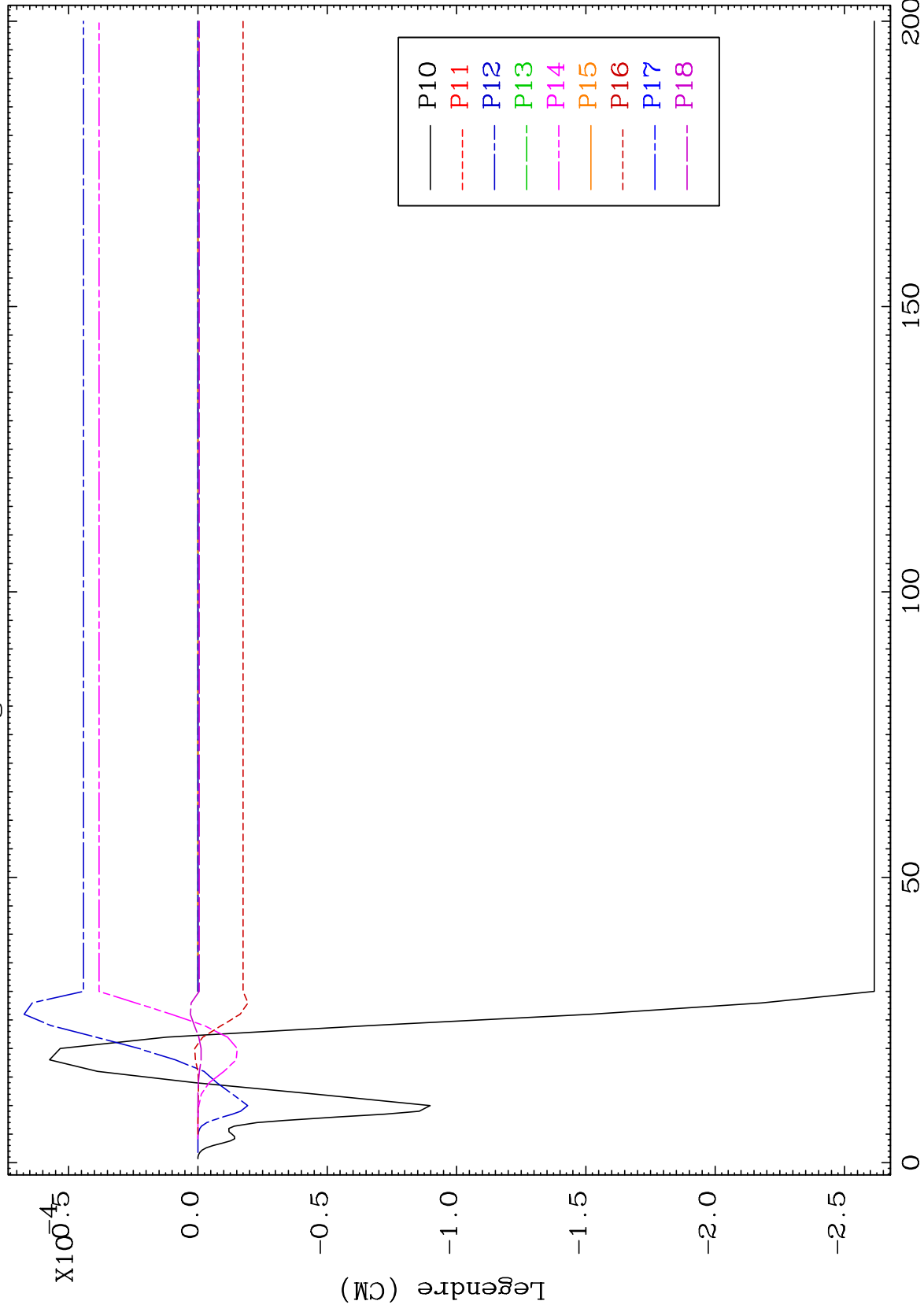
83-Bi-198



MAT 8292

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

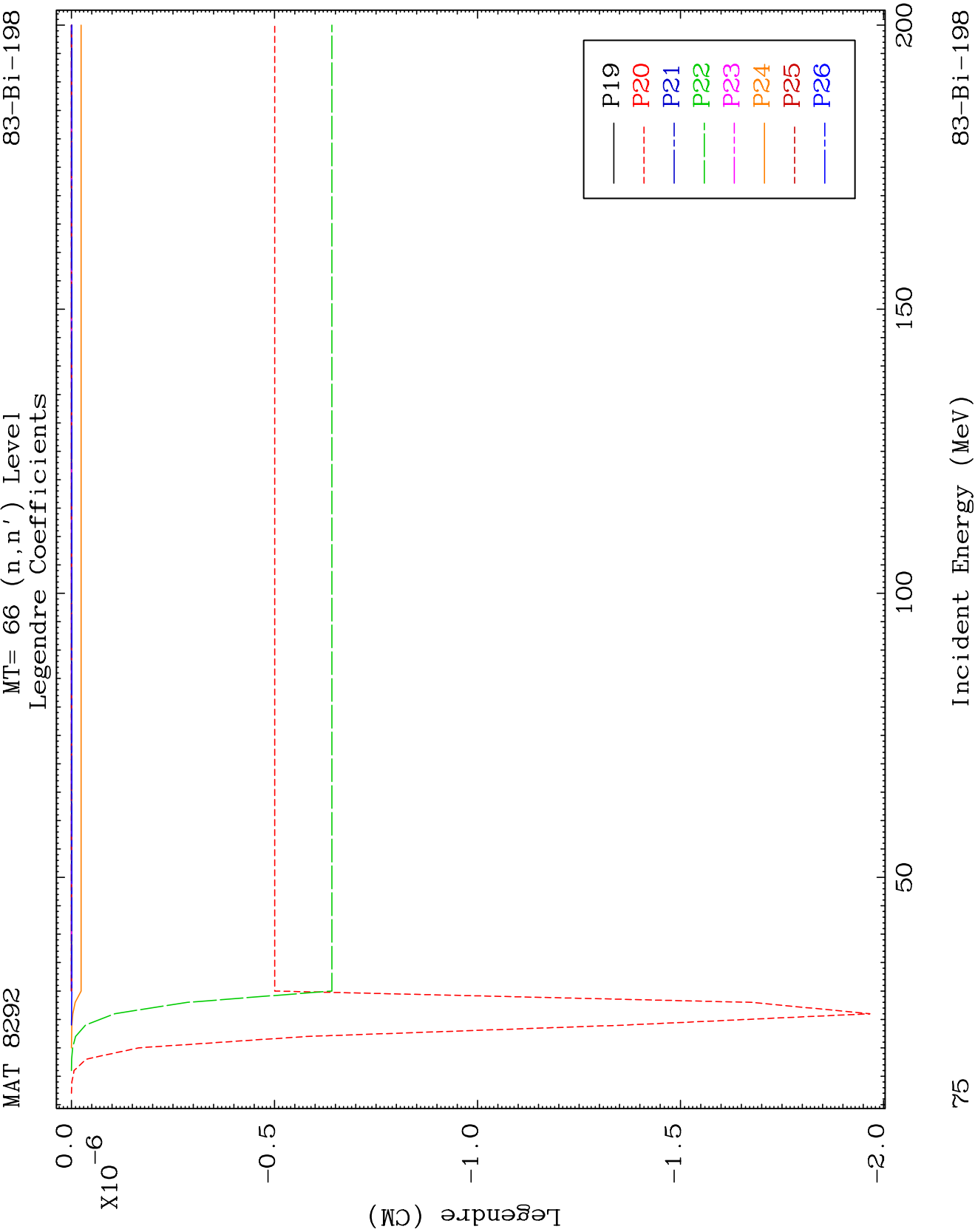
83-Bi-198



74

Incident Energy (MeV)

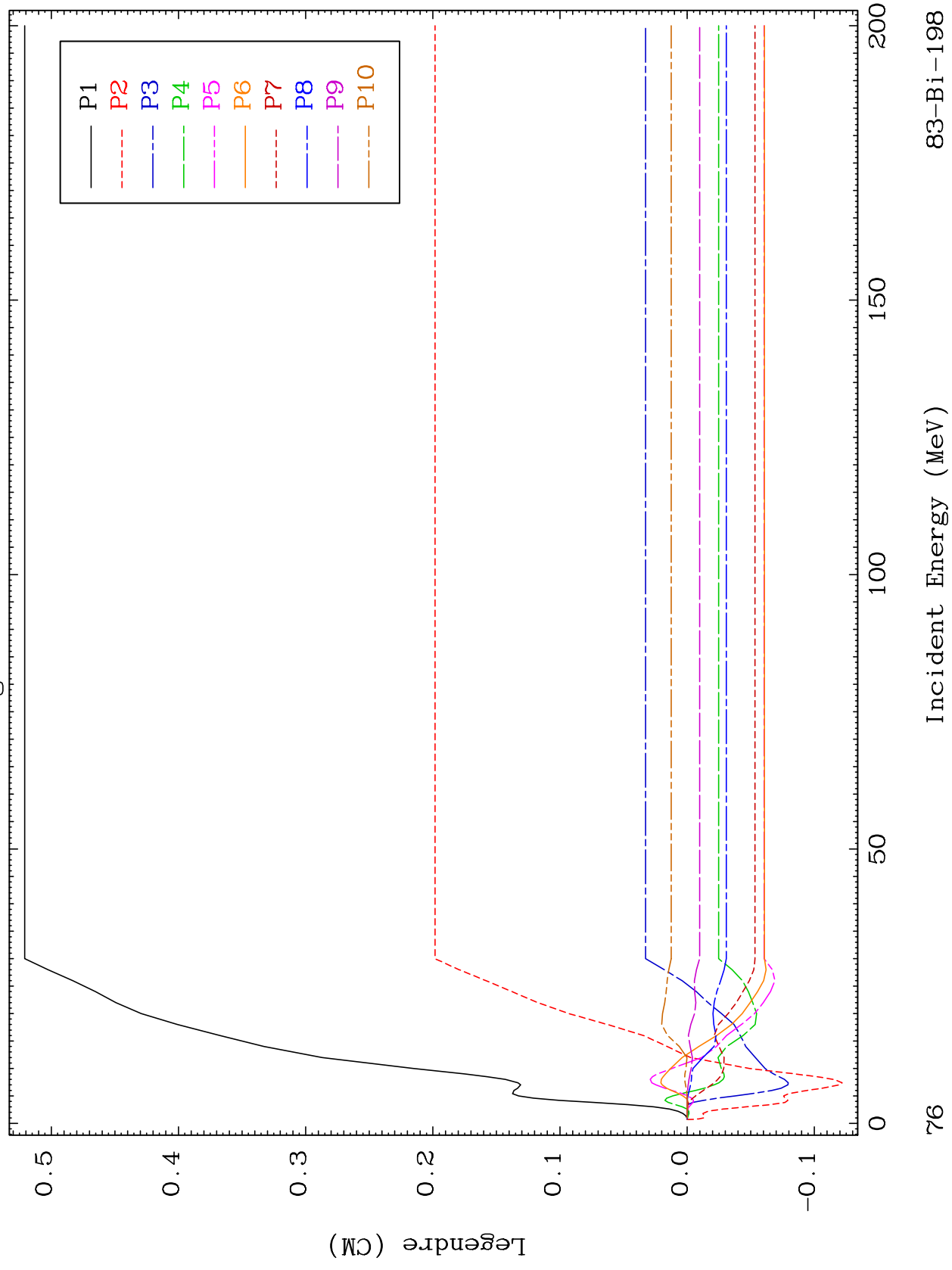
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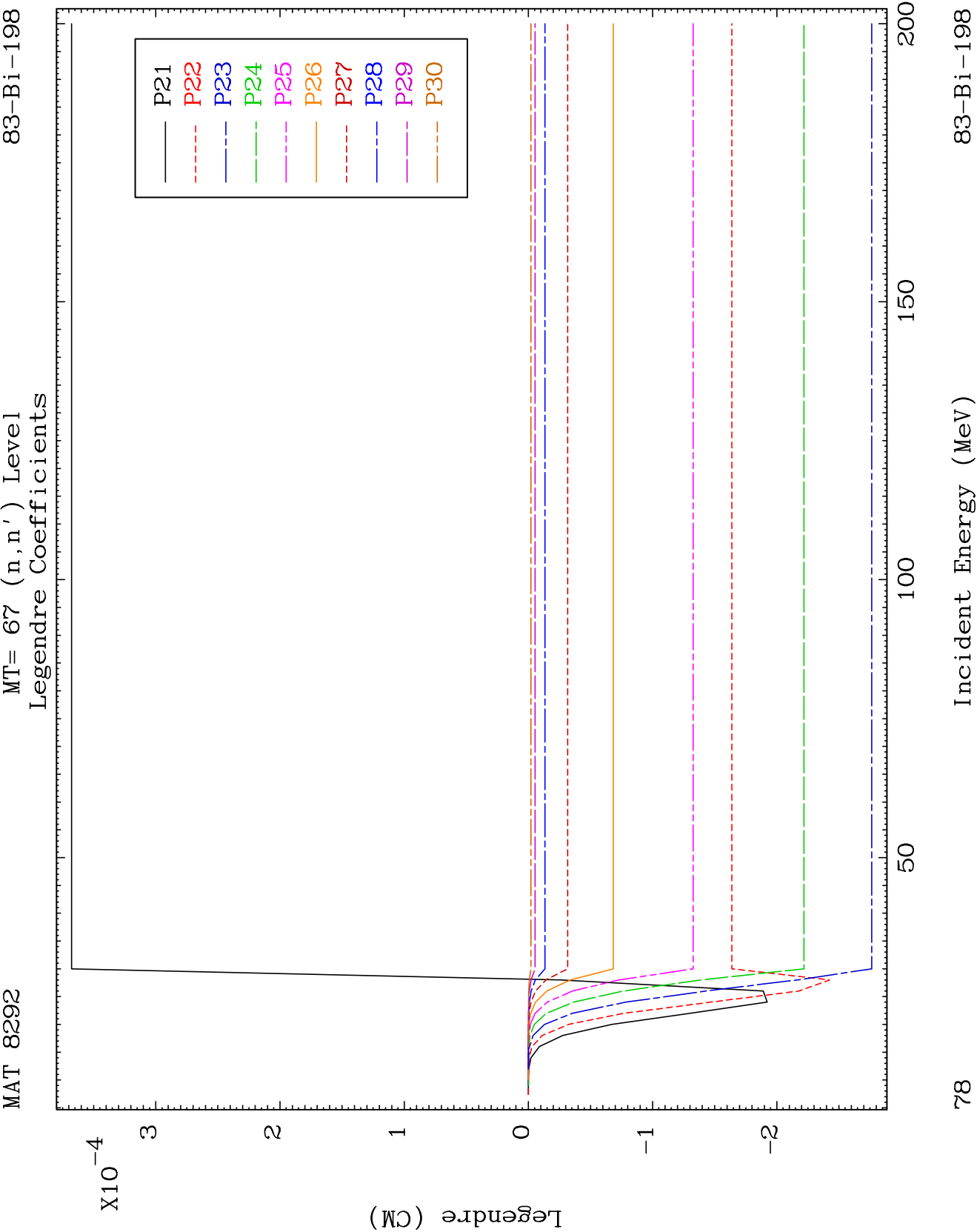


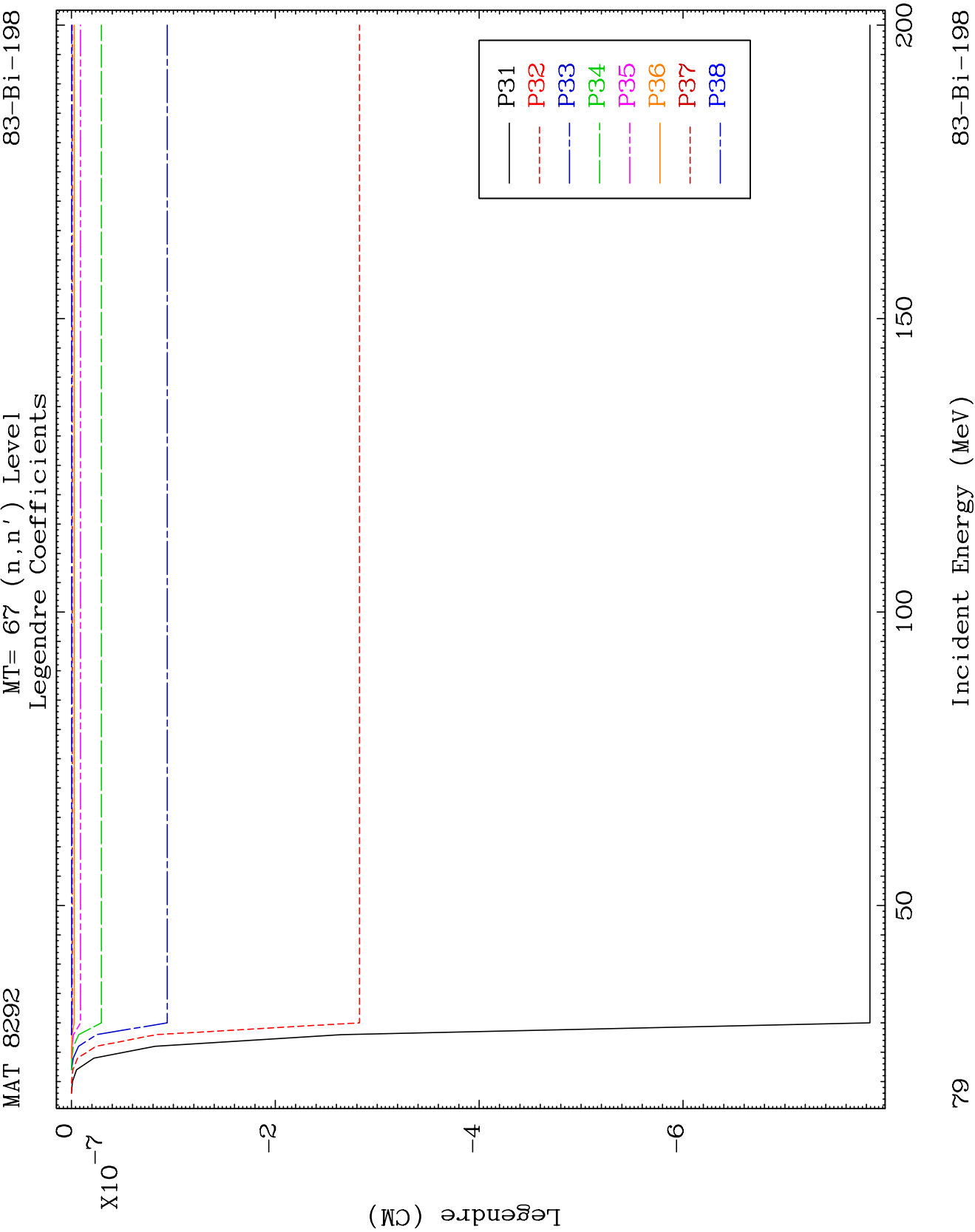
MAT 8292

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

83-Bi-198



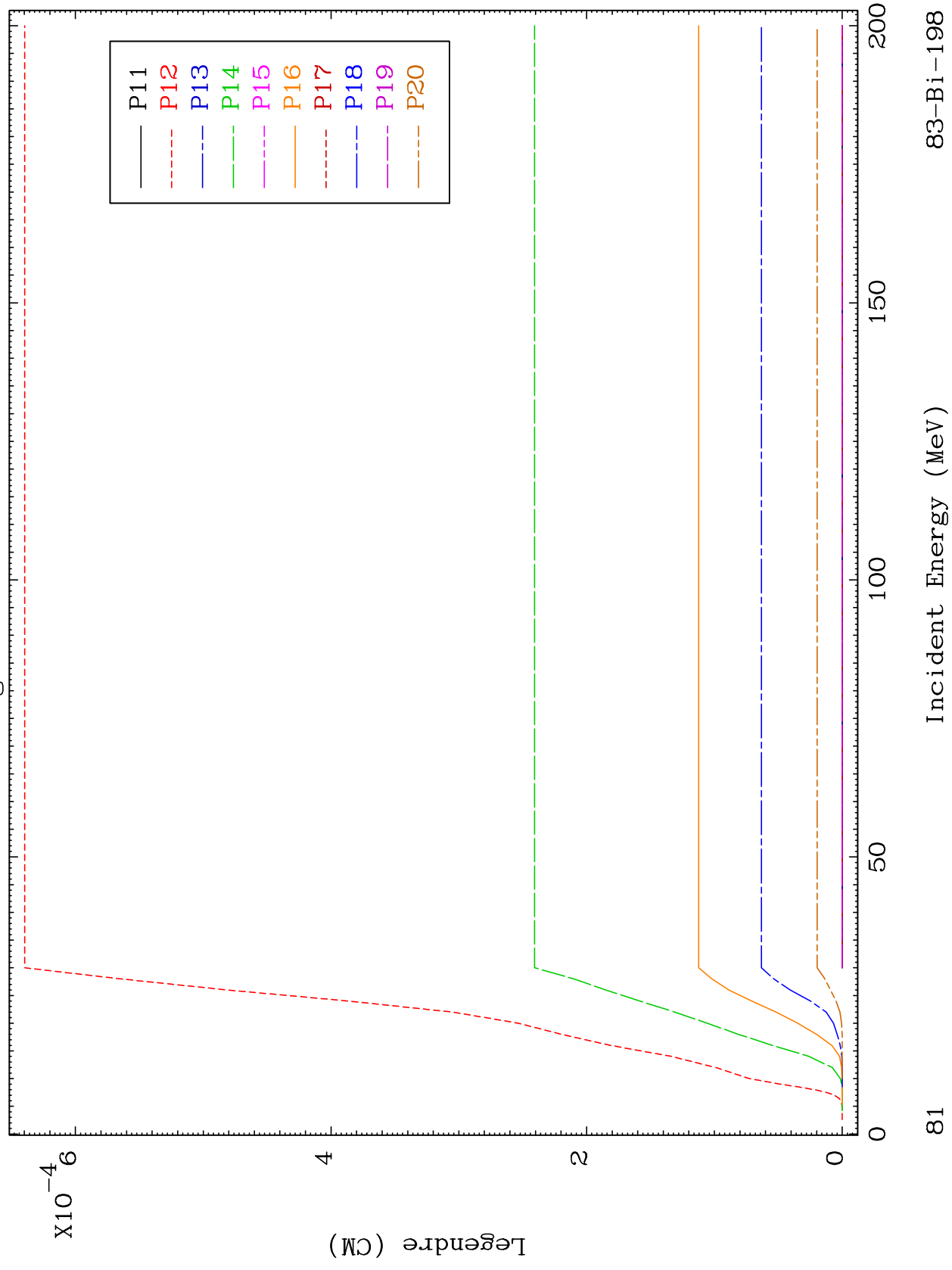


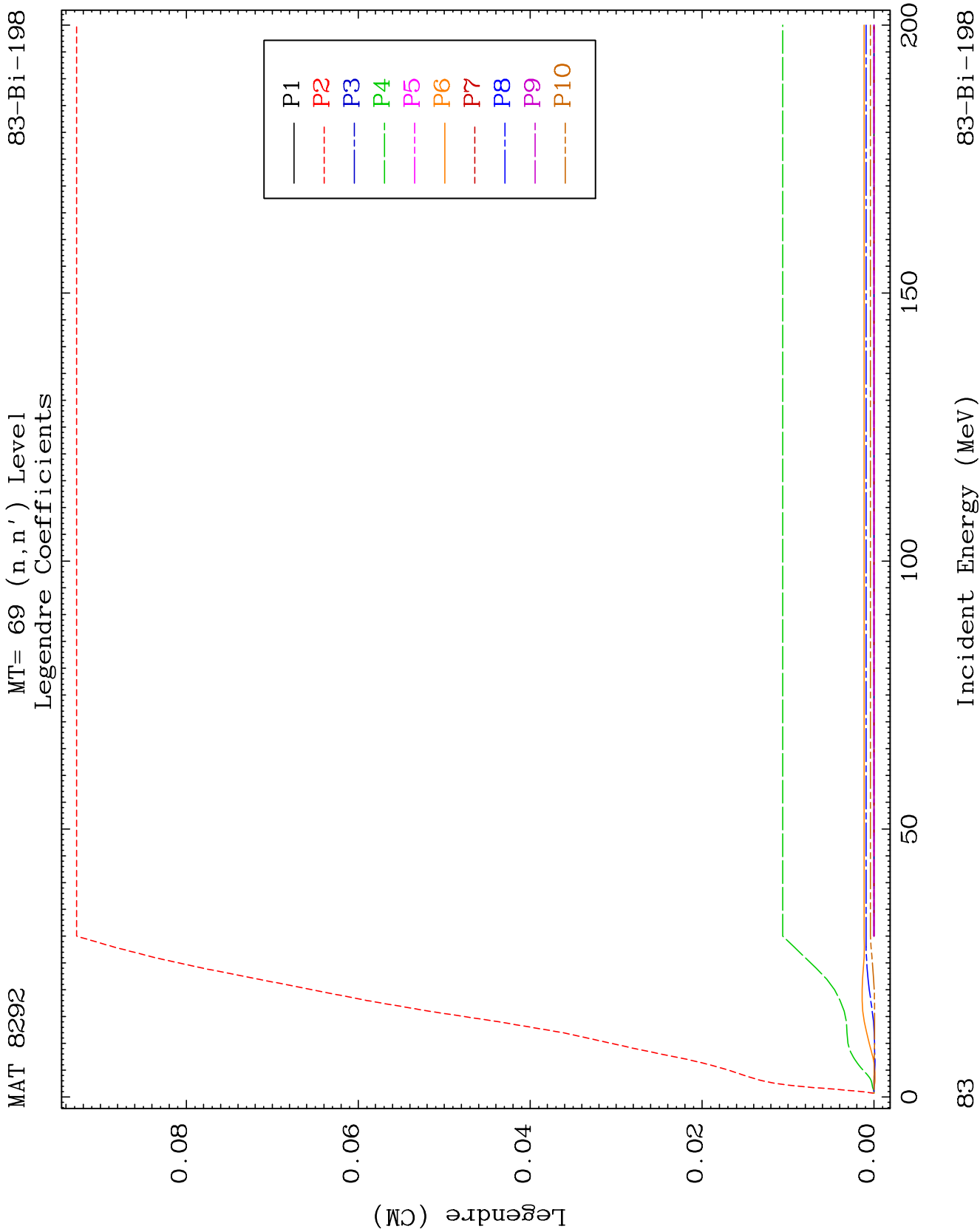


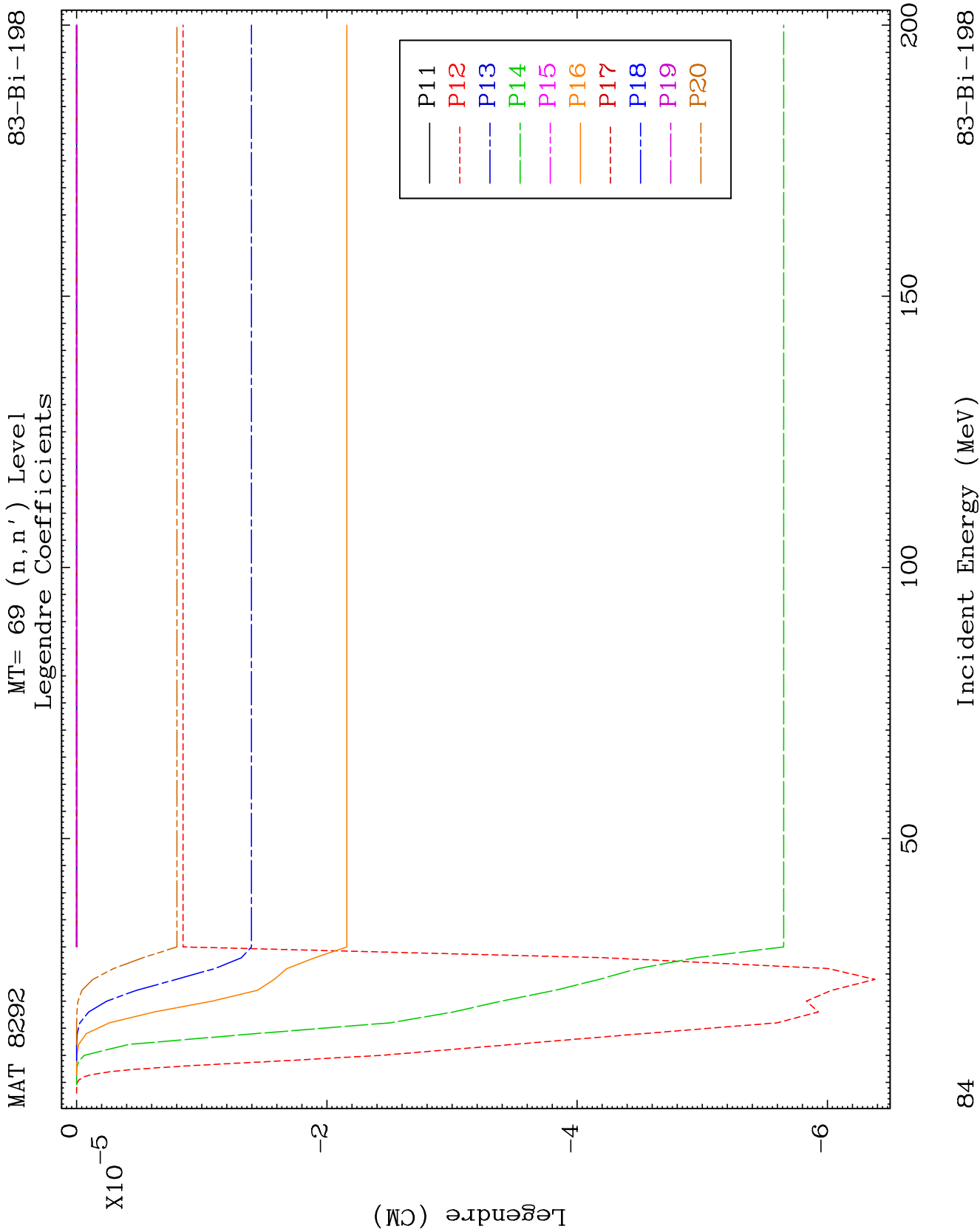
MAT 8292

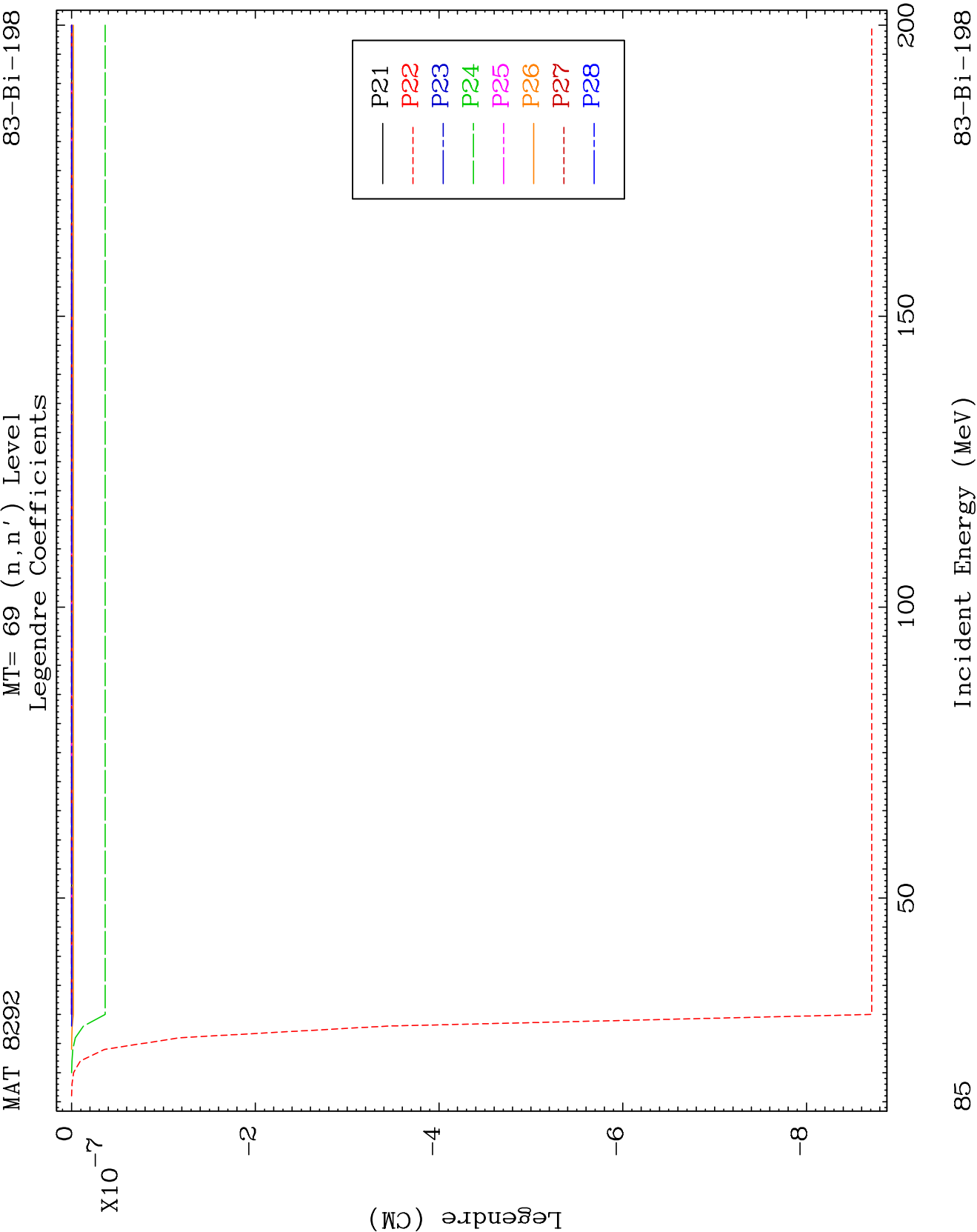
MT= 68 (n, n') Level
Legendre Coefficients

83-Bi-198





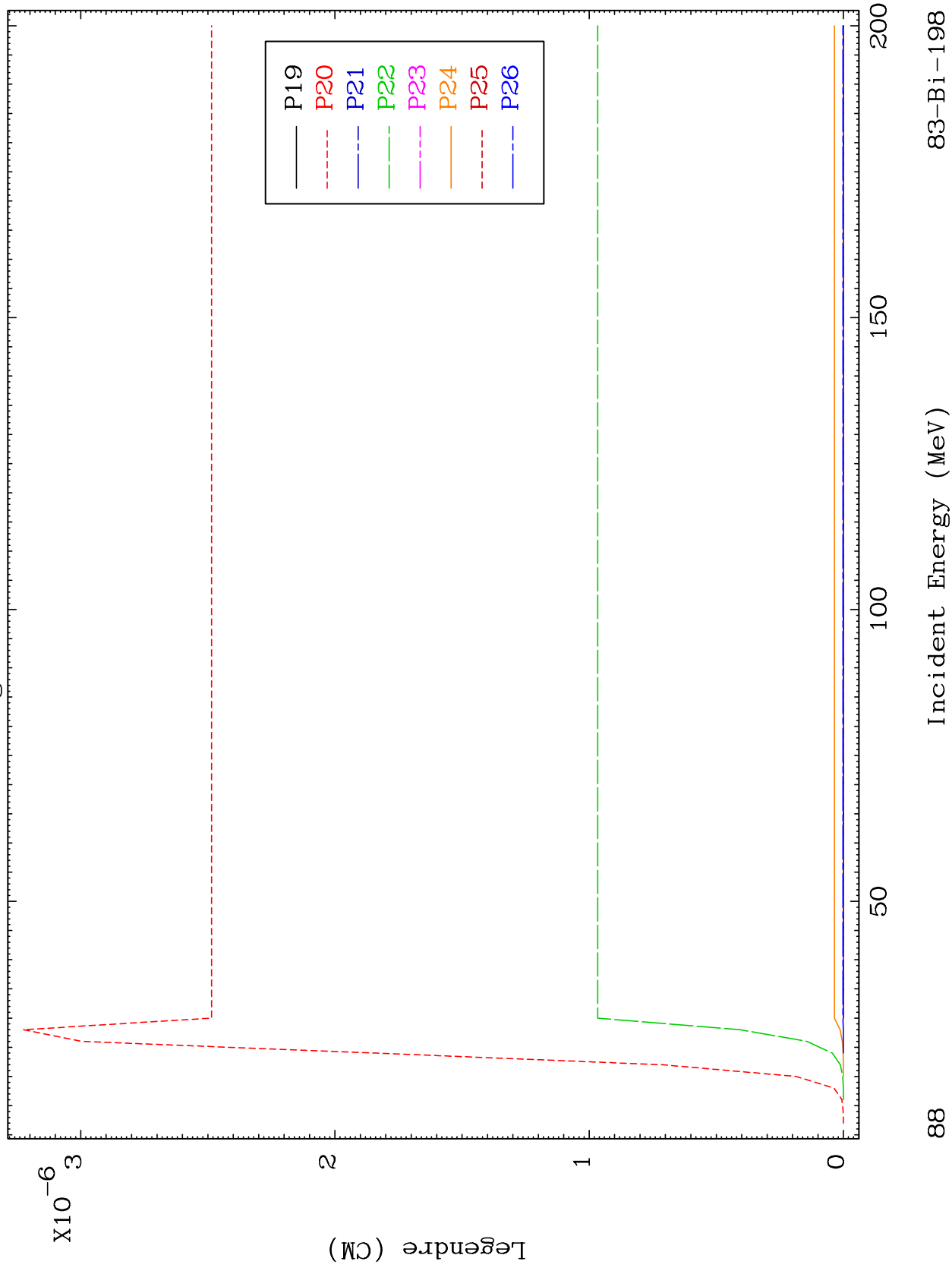




MAT 8292

83-Bi-198

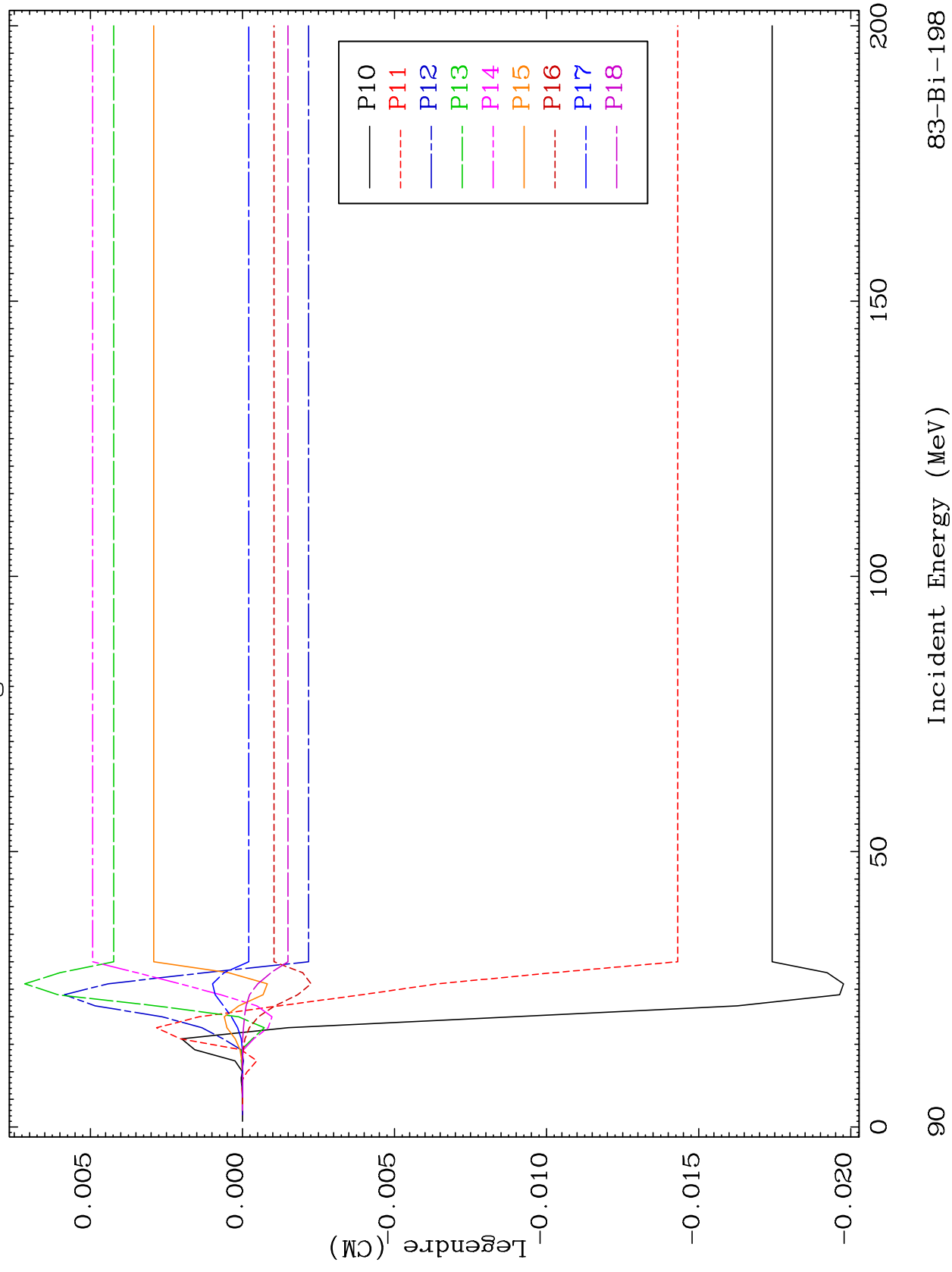
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Legendre Coefficients

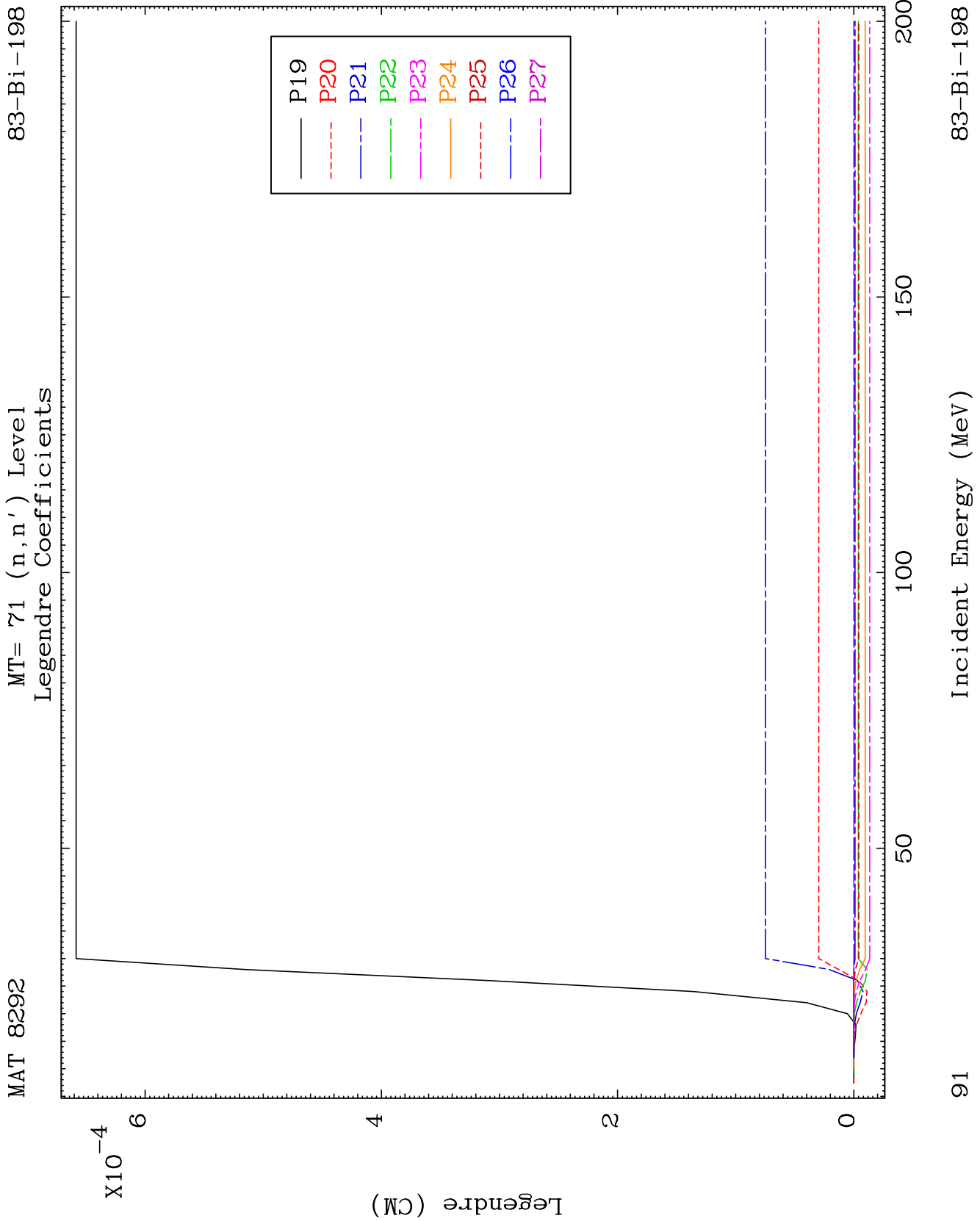


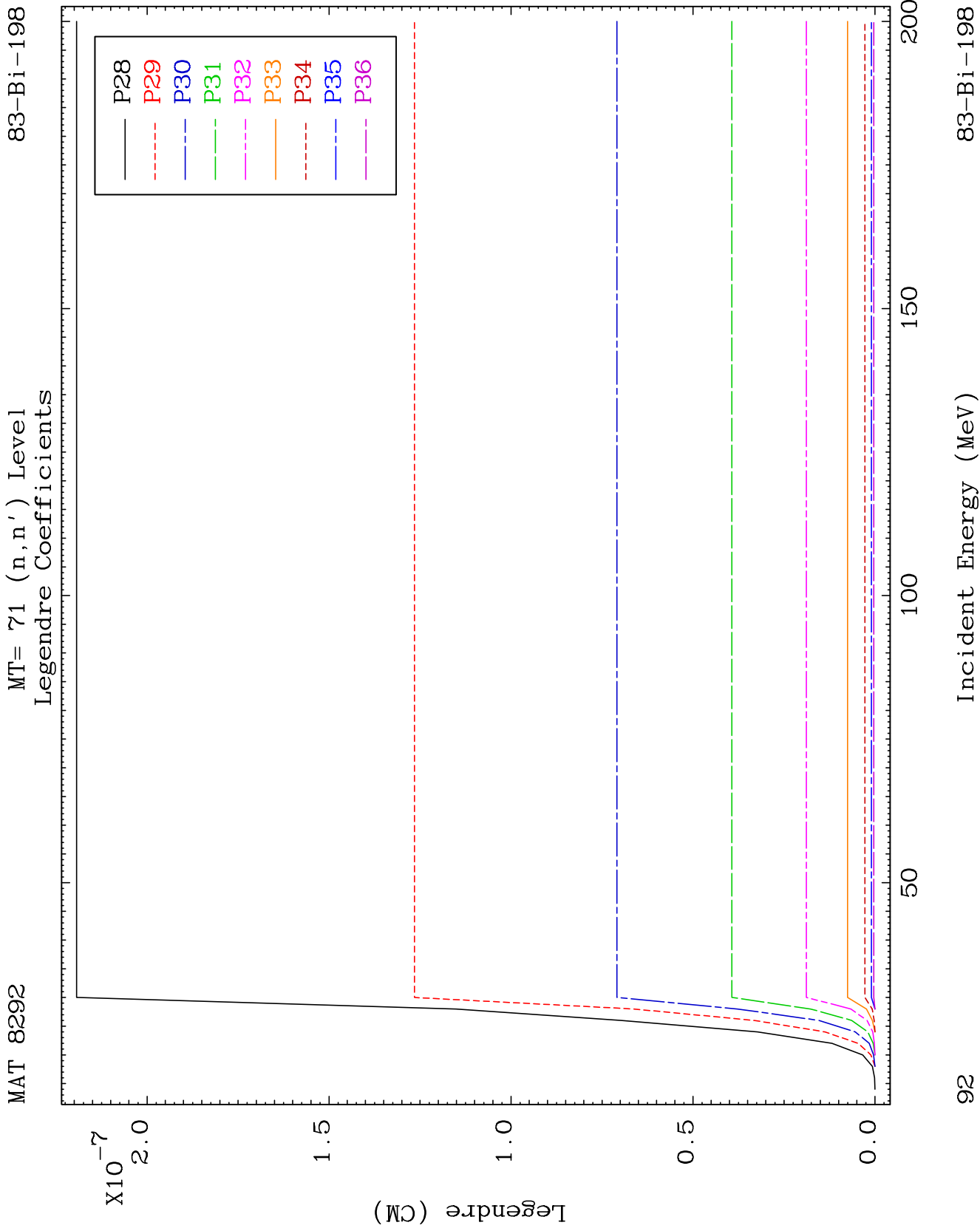
MAT 8292

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

83-Bi-198



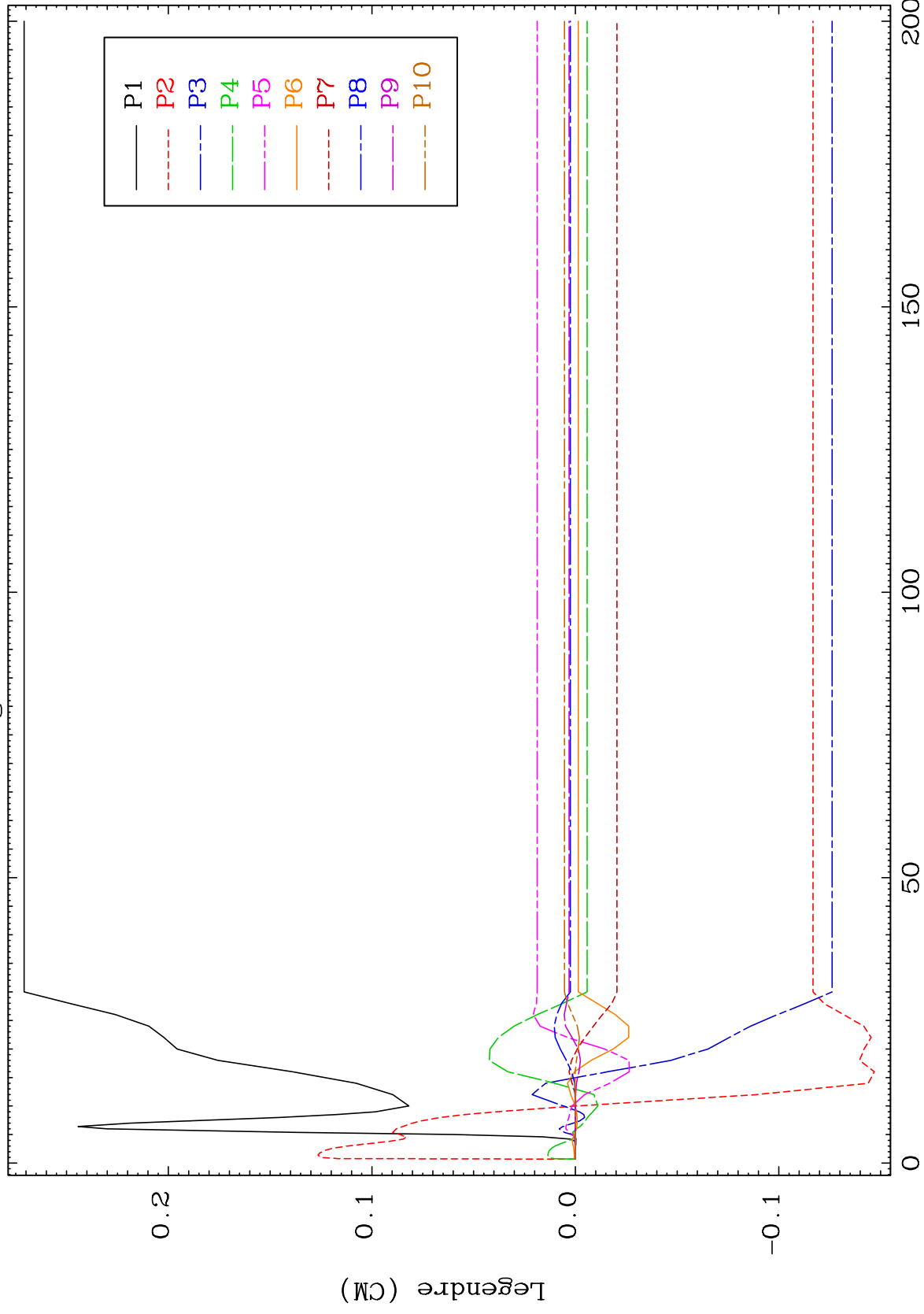




MAT 8292

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

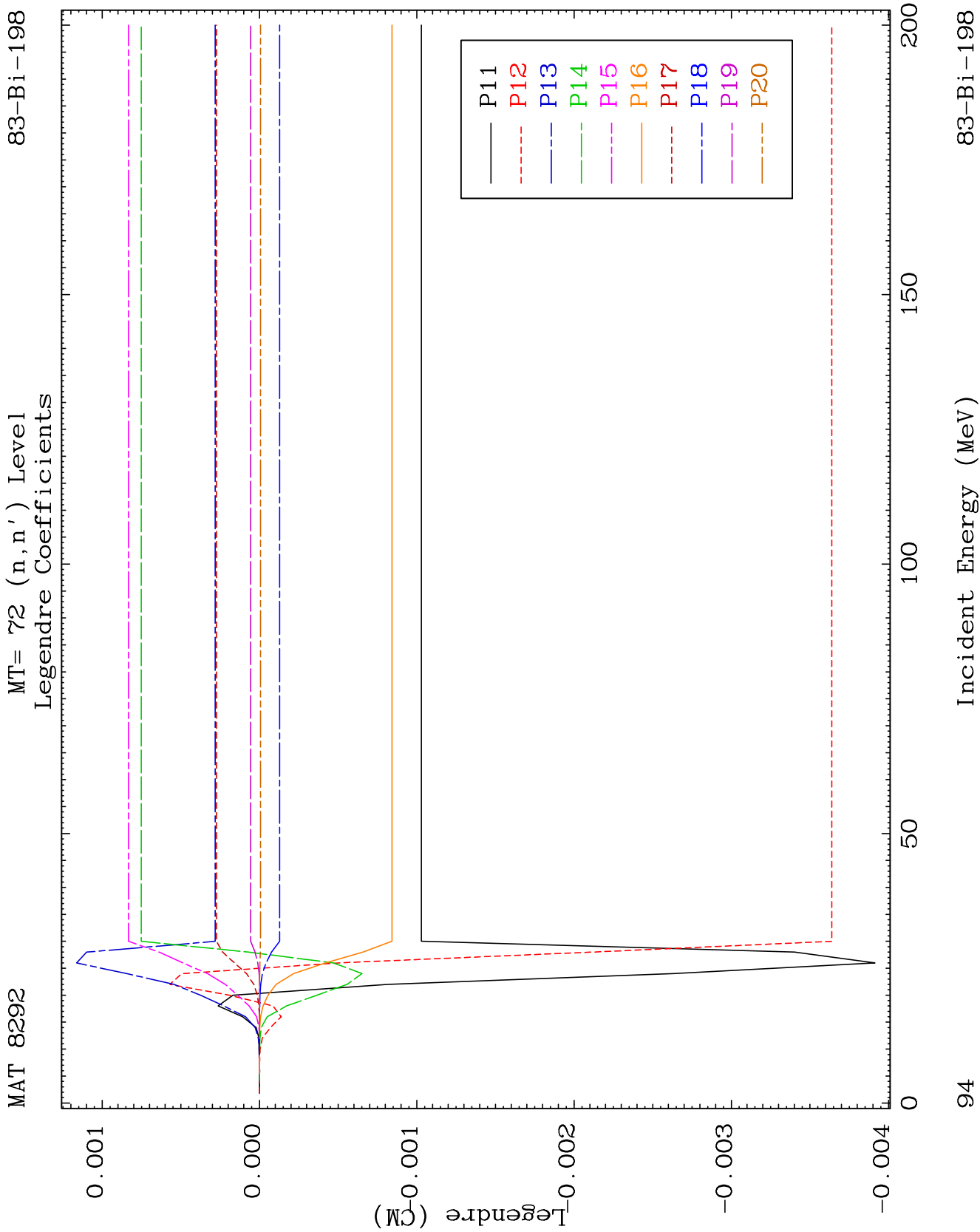
83-Bi-198

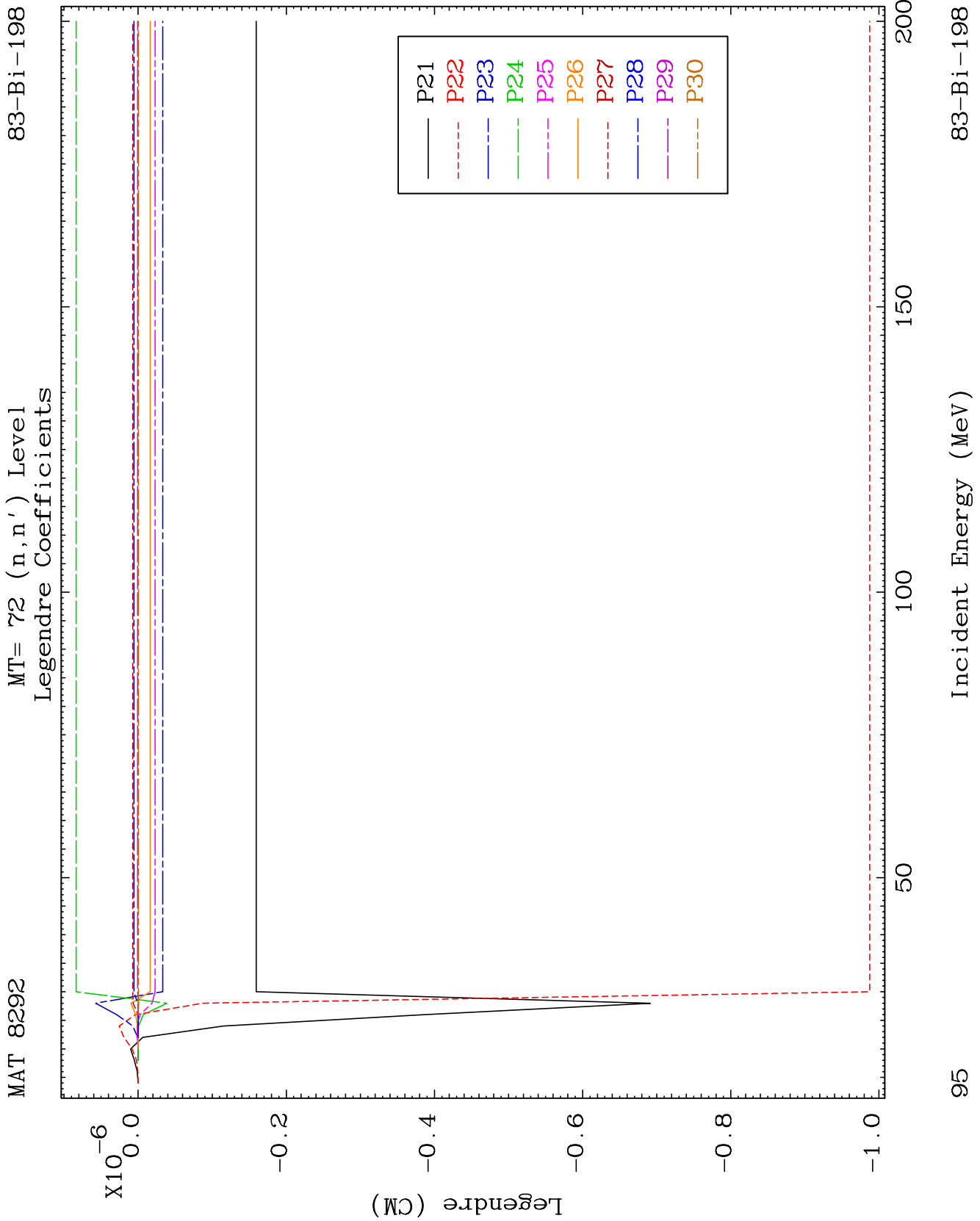


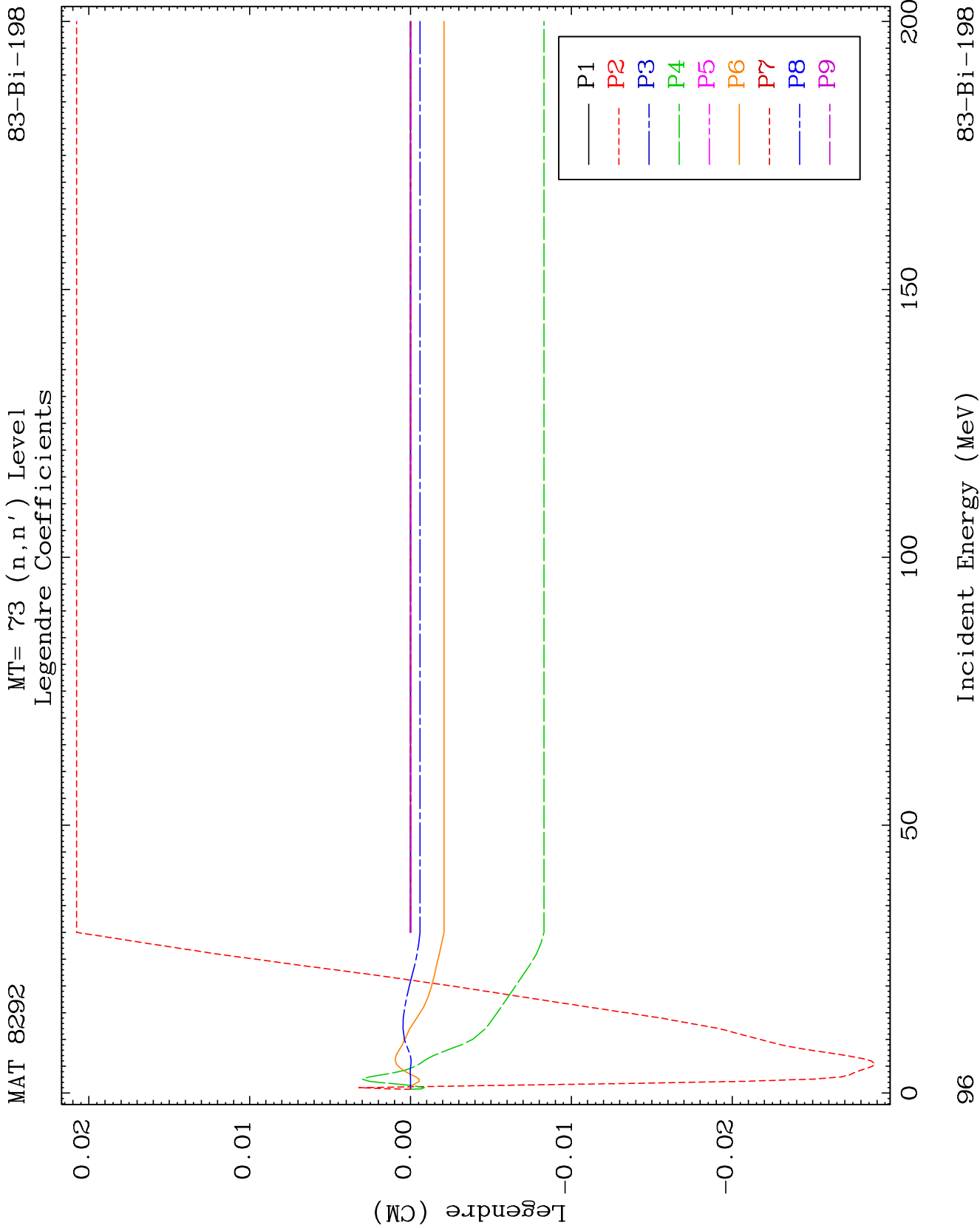
83-Bi-198

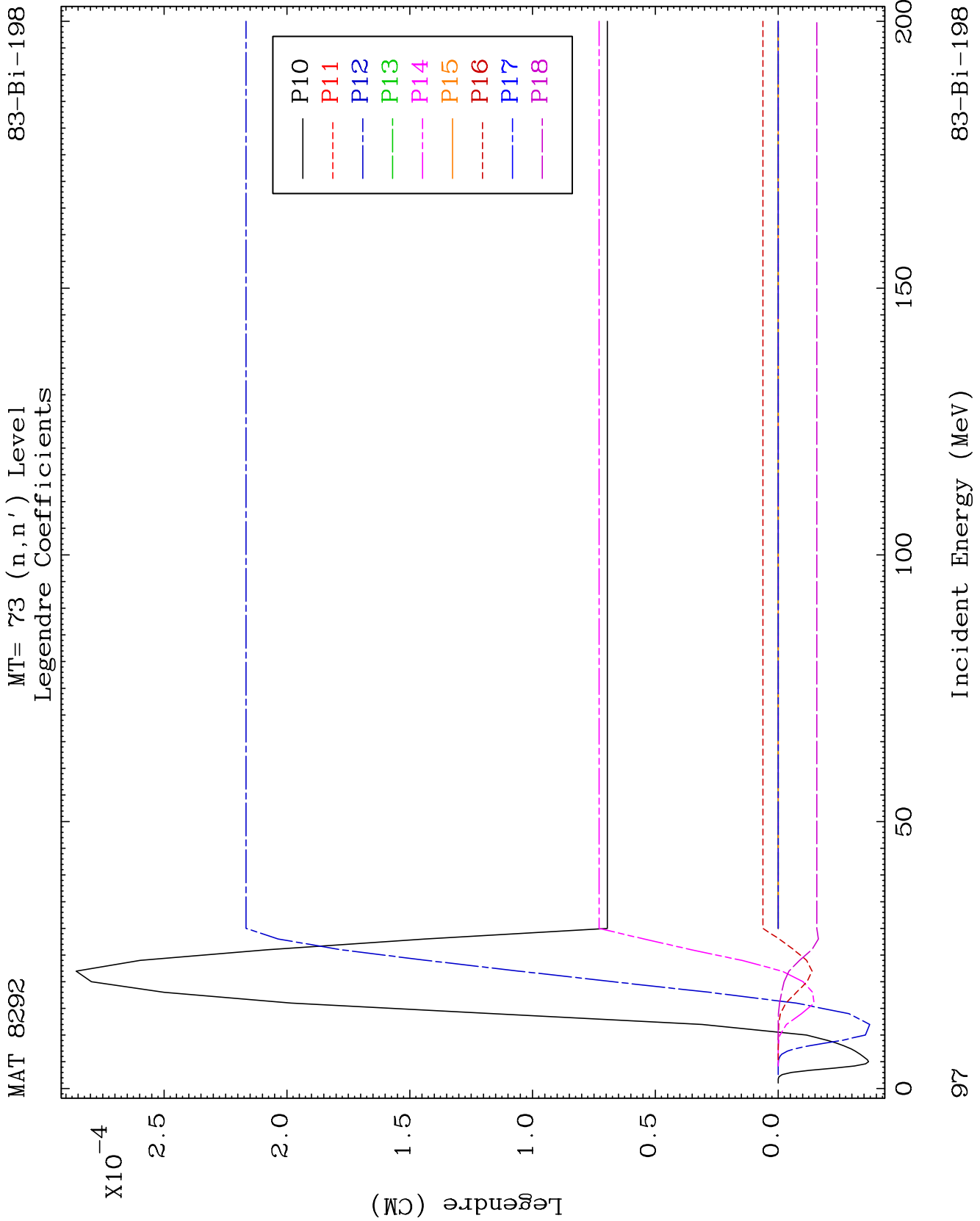
Incident Energy (MeV)

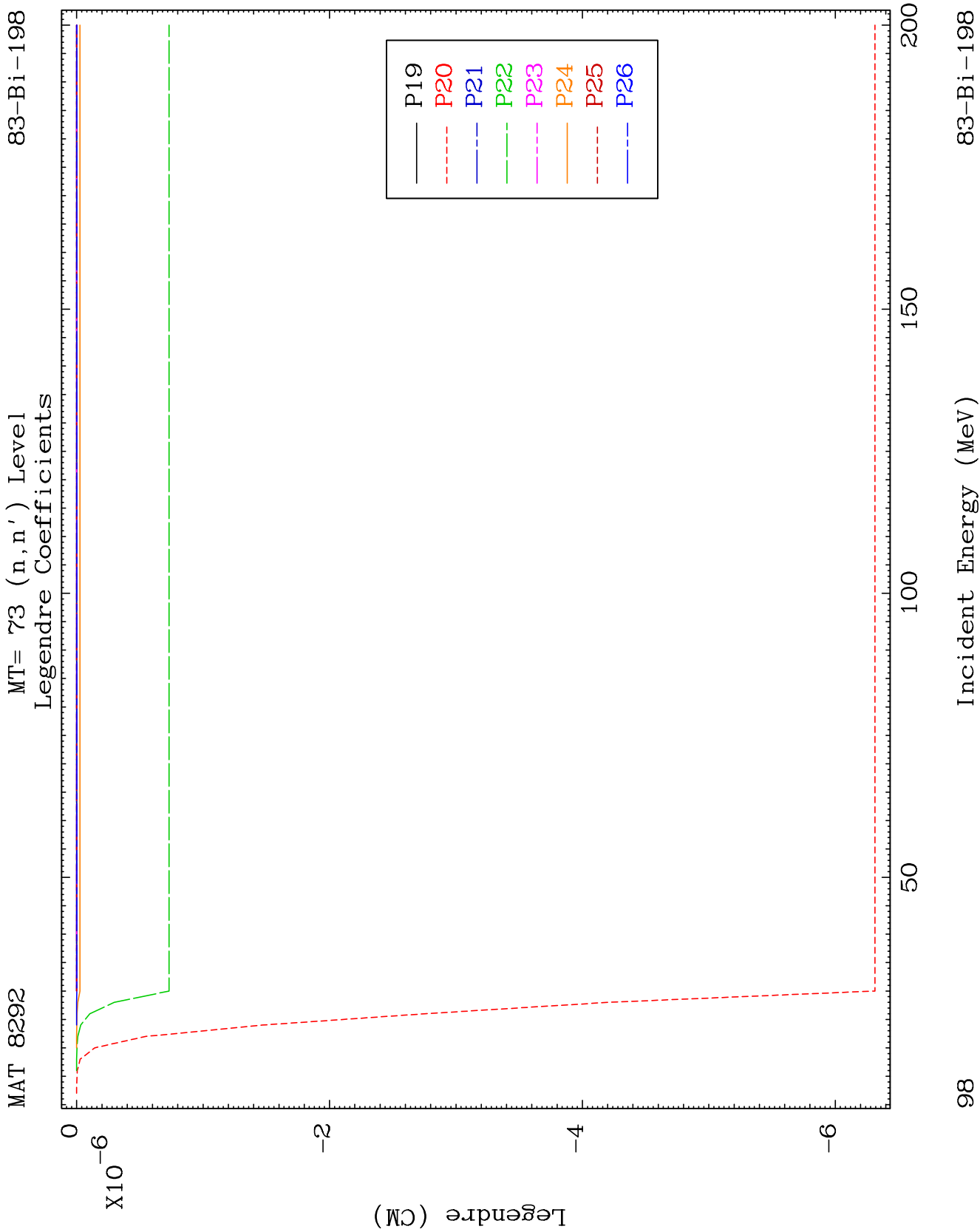
93







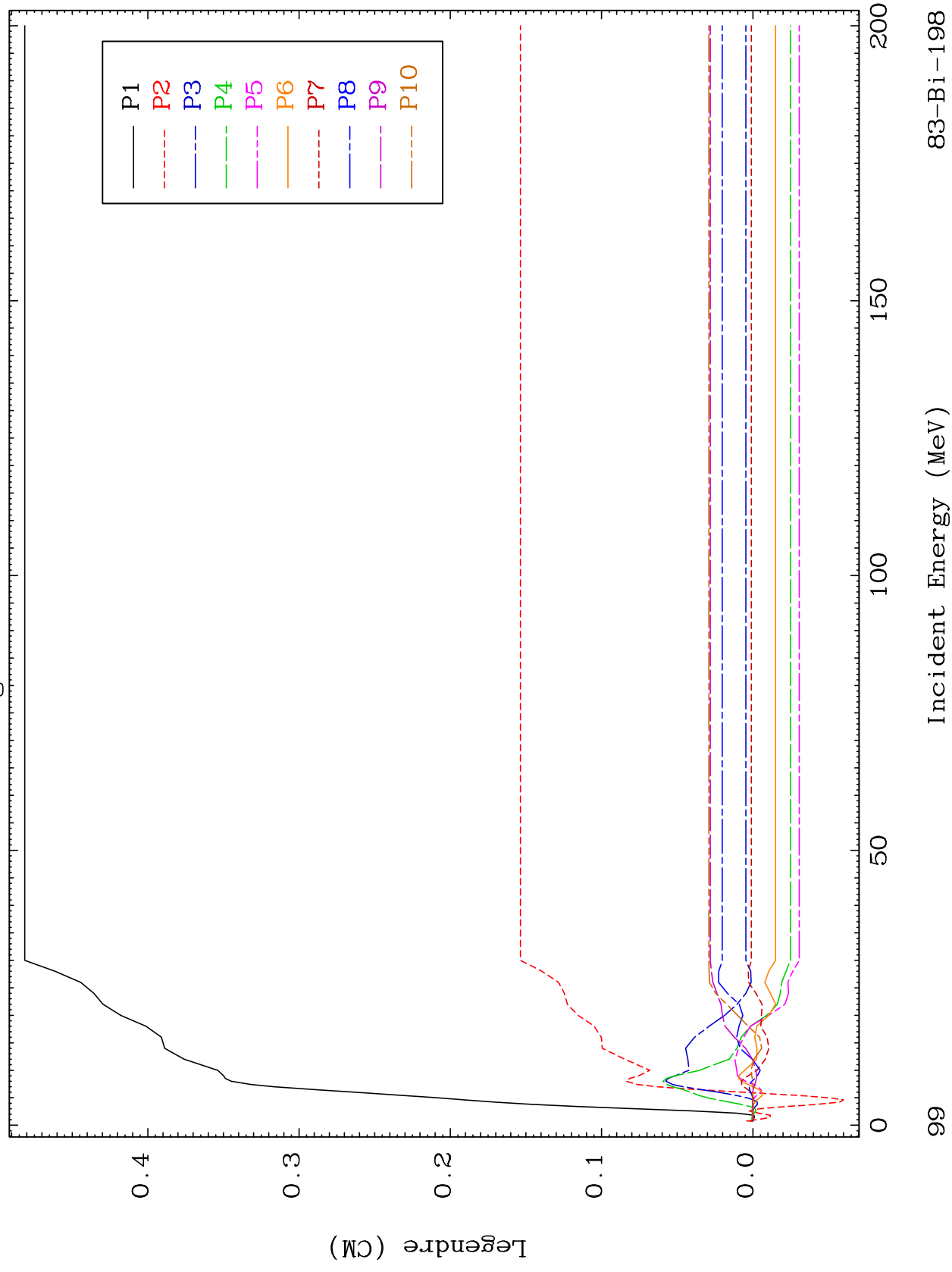




MAT 8292

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

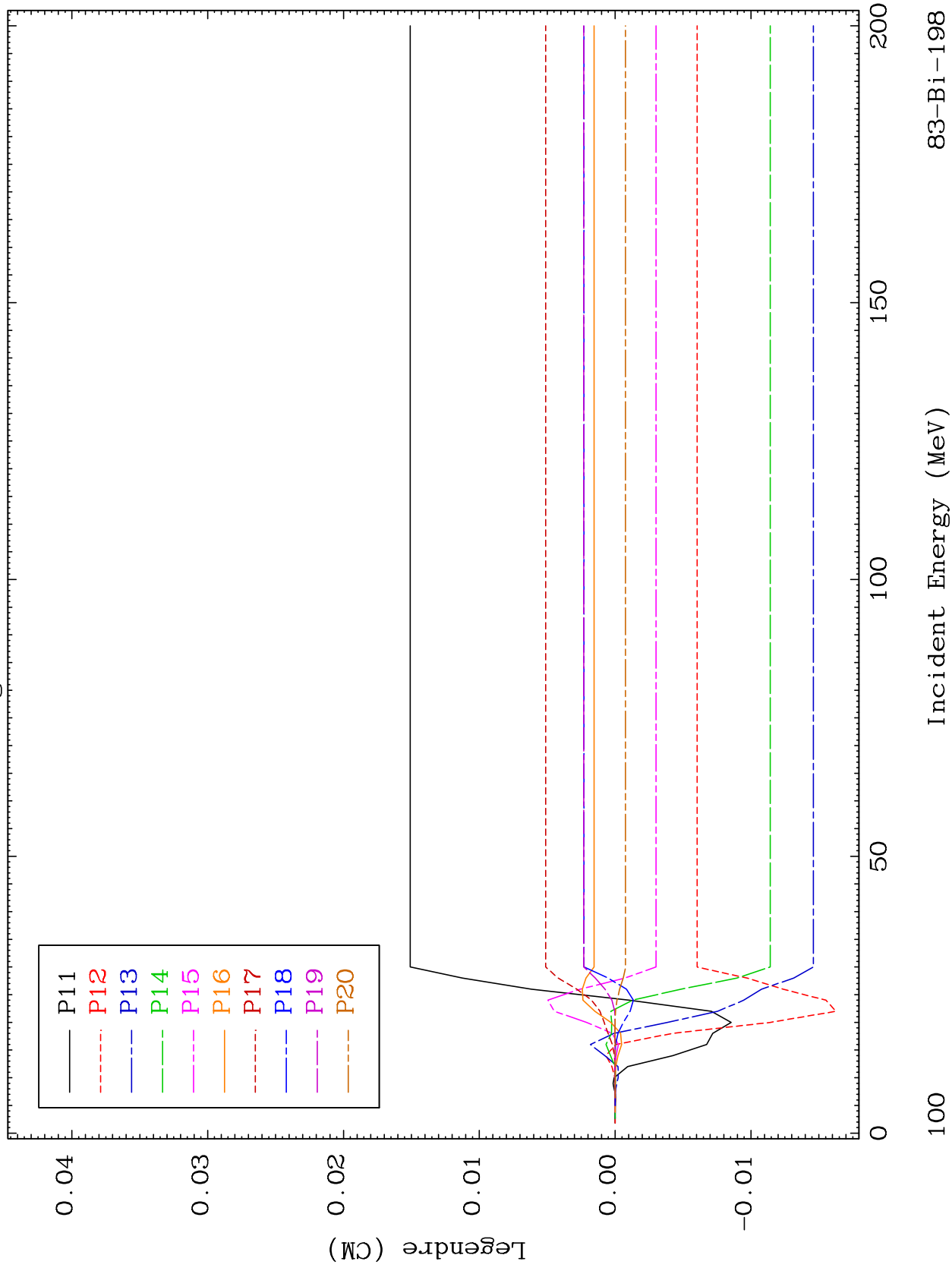
83-Bi-198



MAT 8292

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

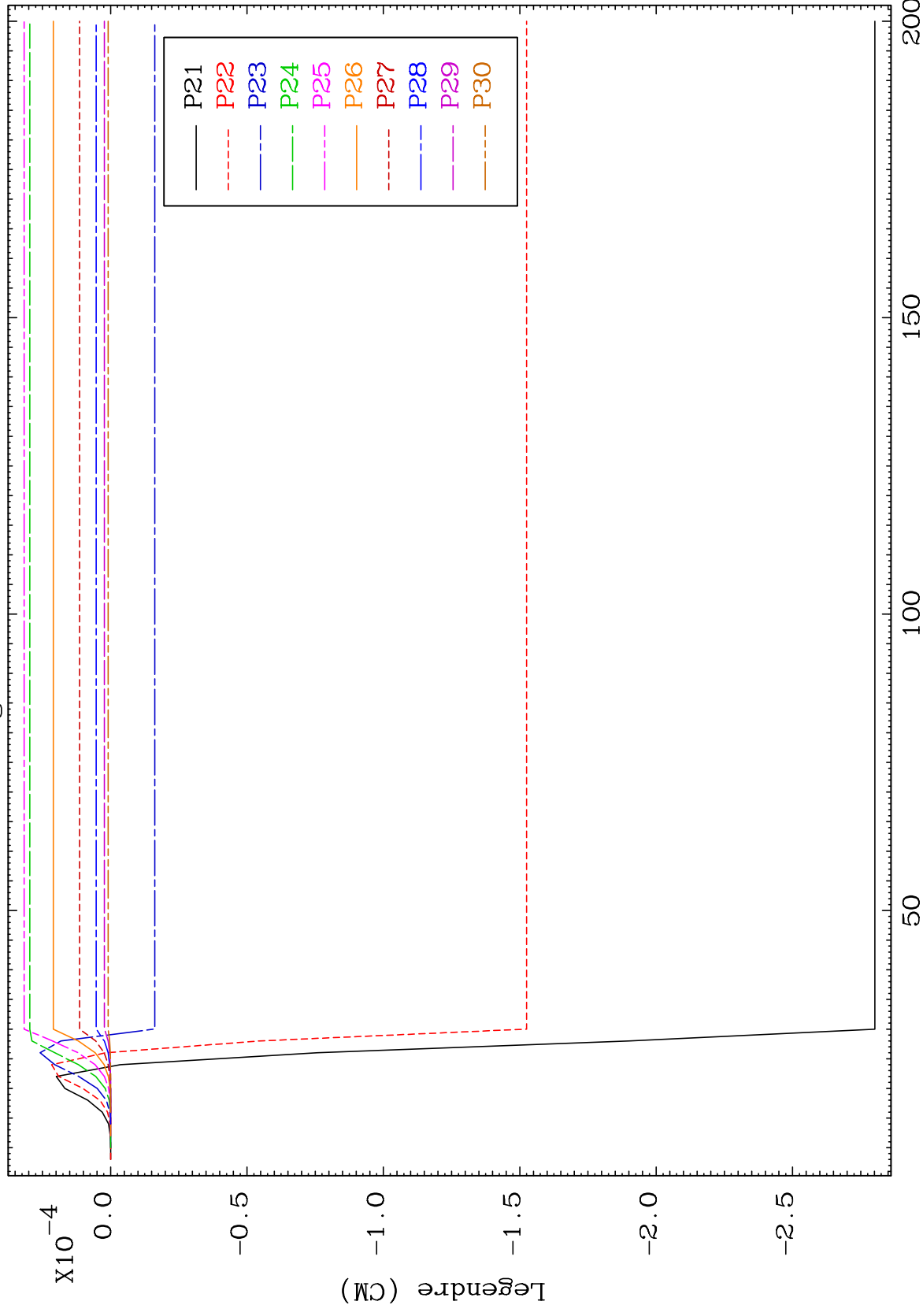
83-Bi-198



MAT 8292

83-Bi-198

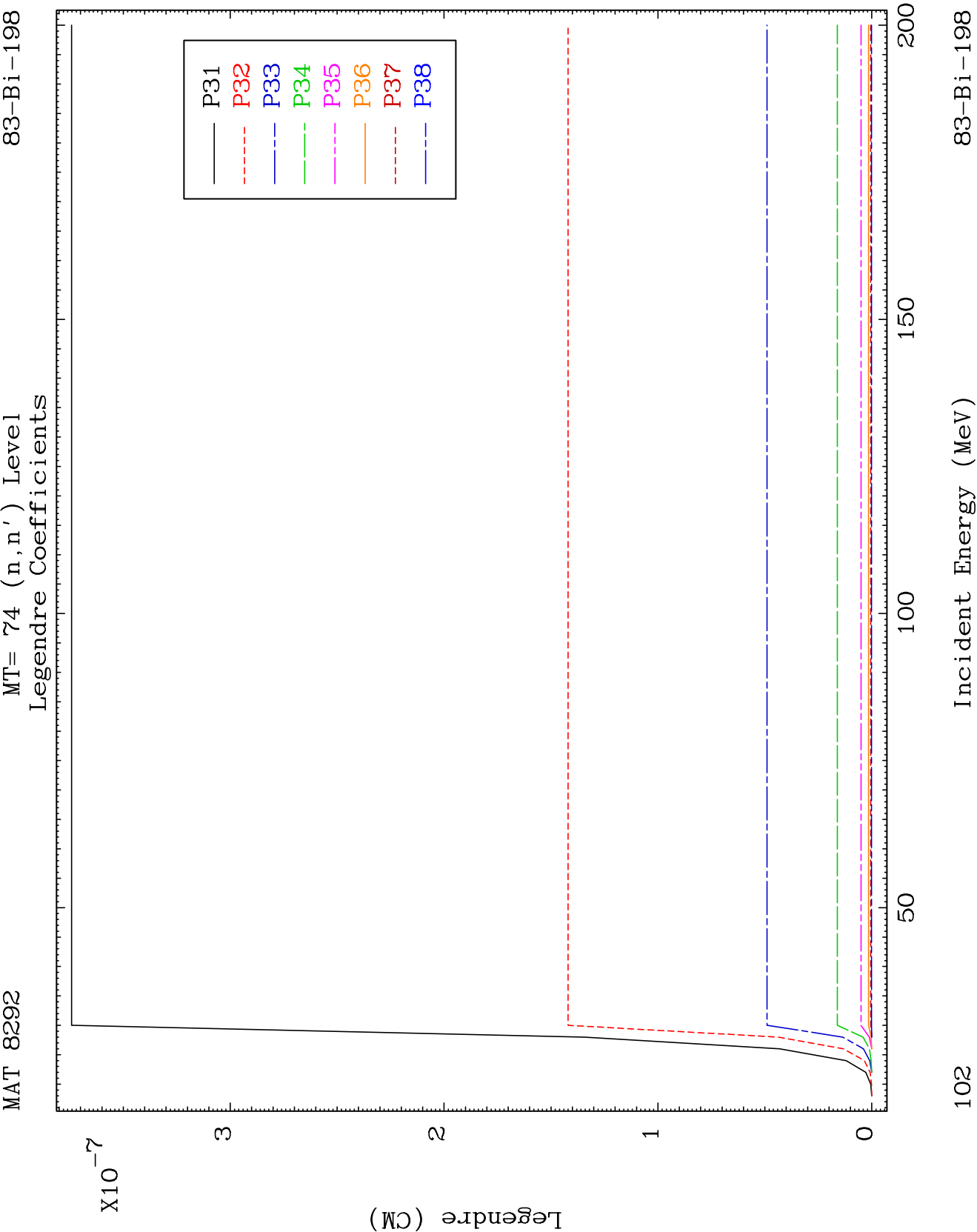
MT= 74 (n, n') Level
Legendre Coefficients



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Incident Energy (MeV)

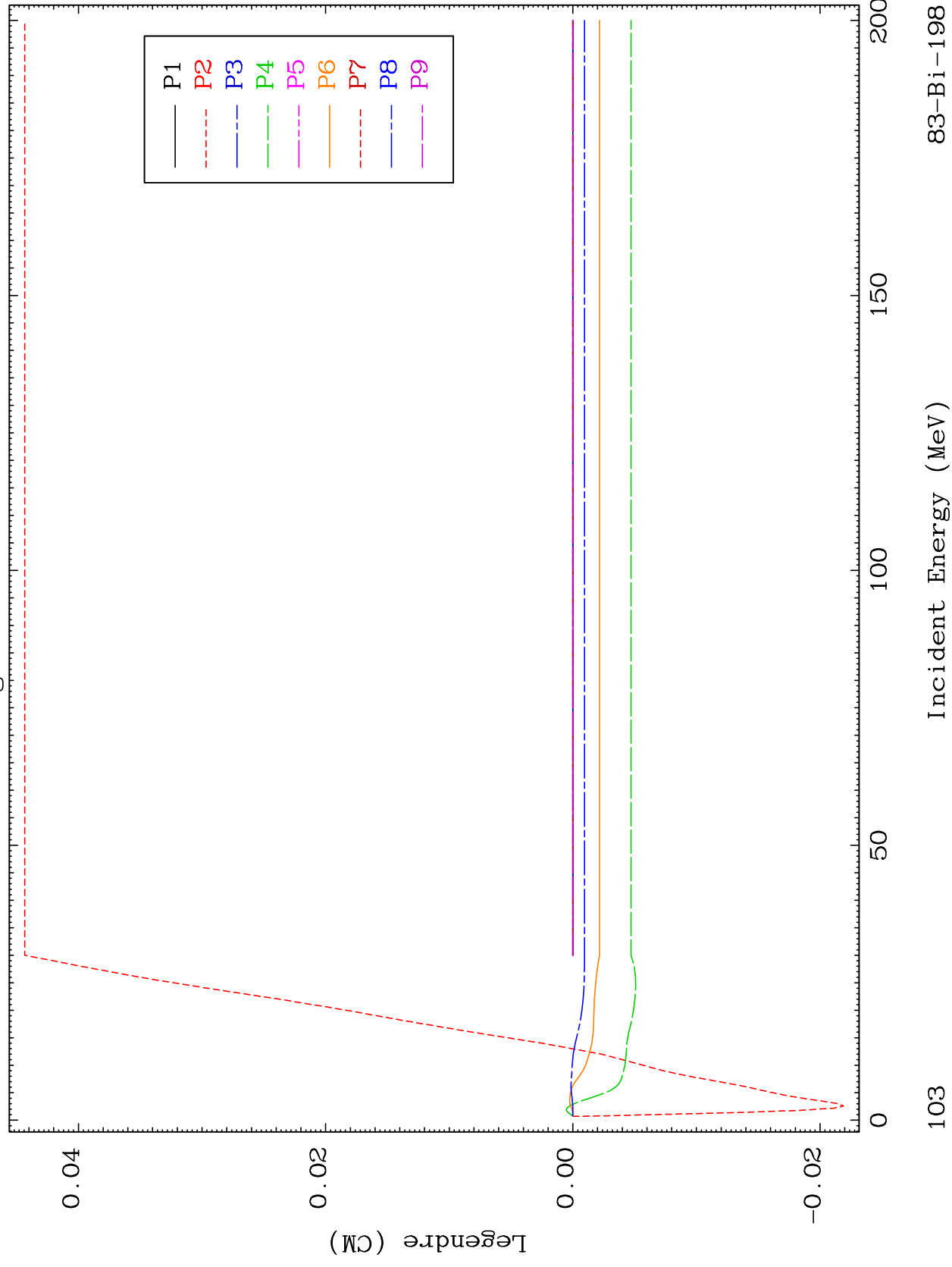
83-Bi-198



MAT 8292

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

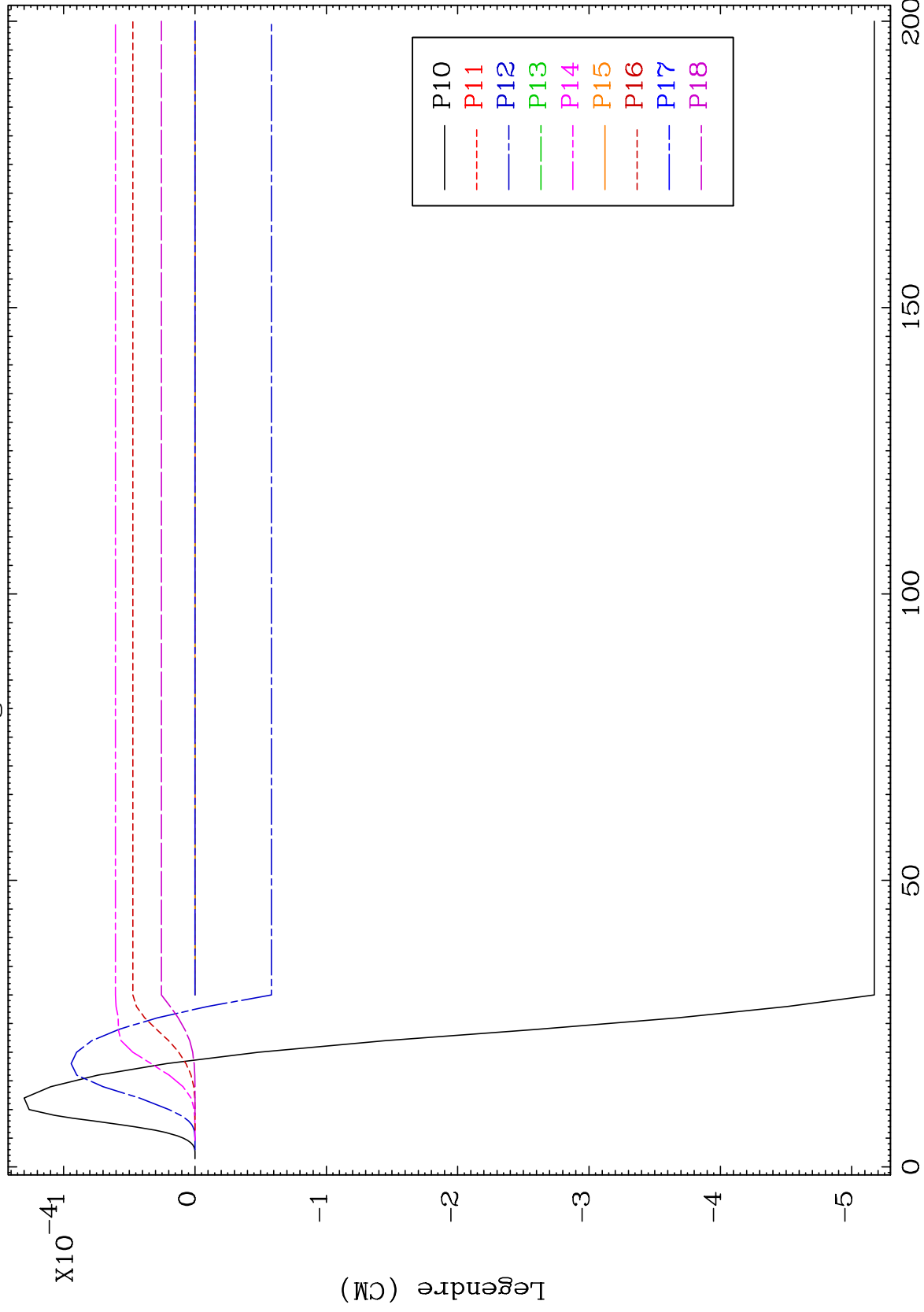
83-Bi-198



MAT 8292

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

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83-Bi-198

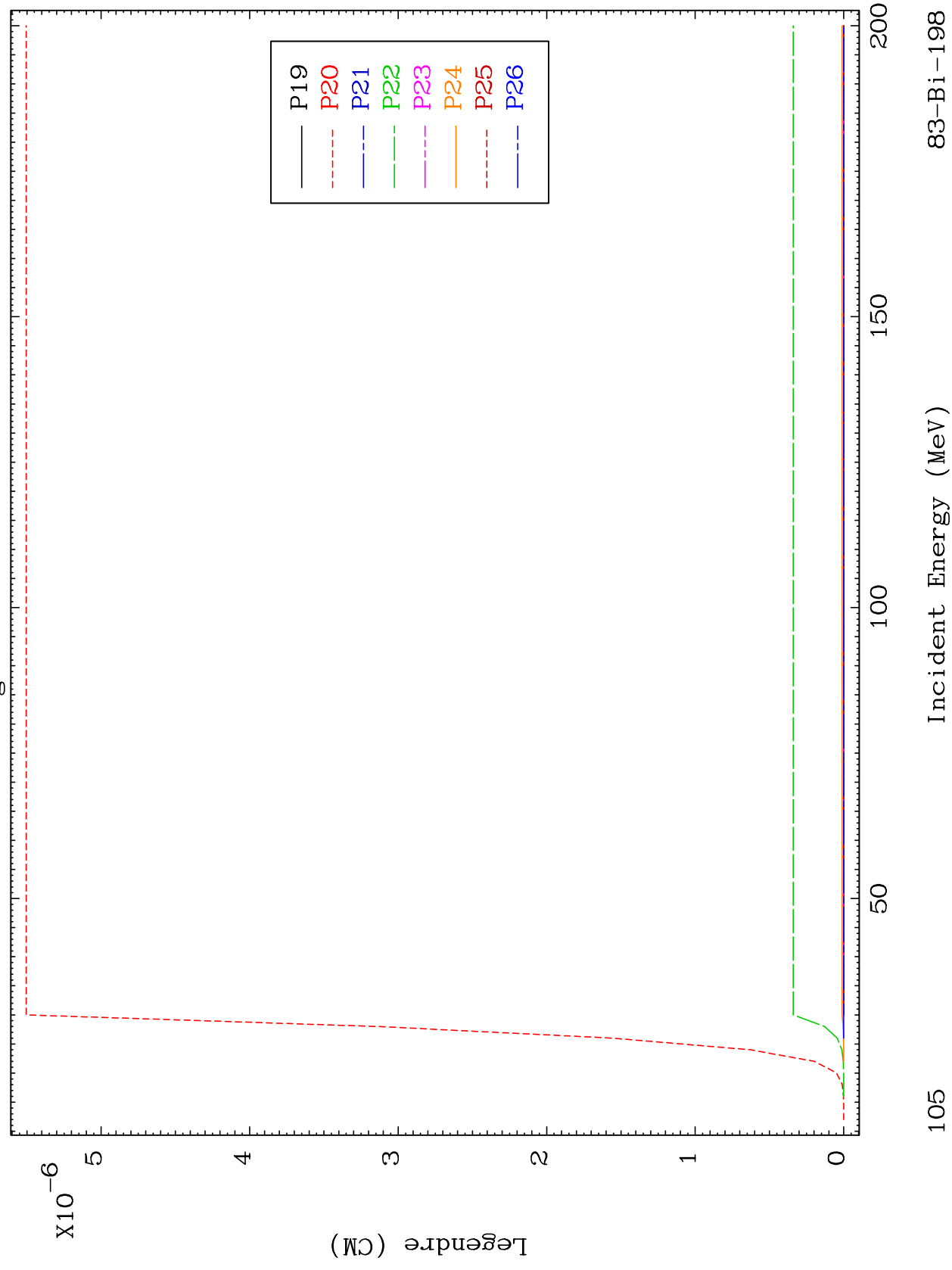
Incident Energy (MeV)

104

MAT 8292

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

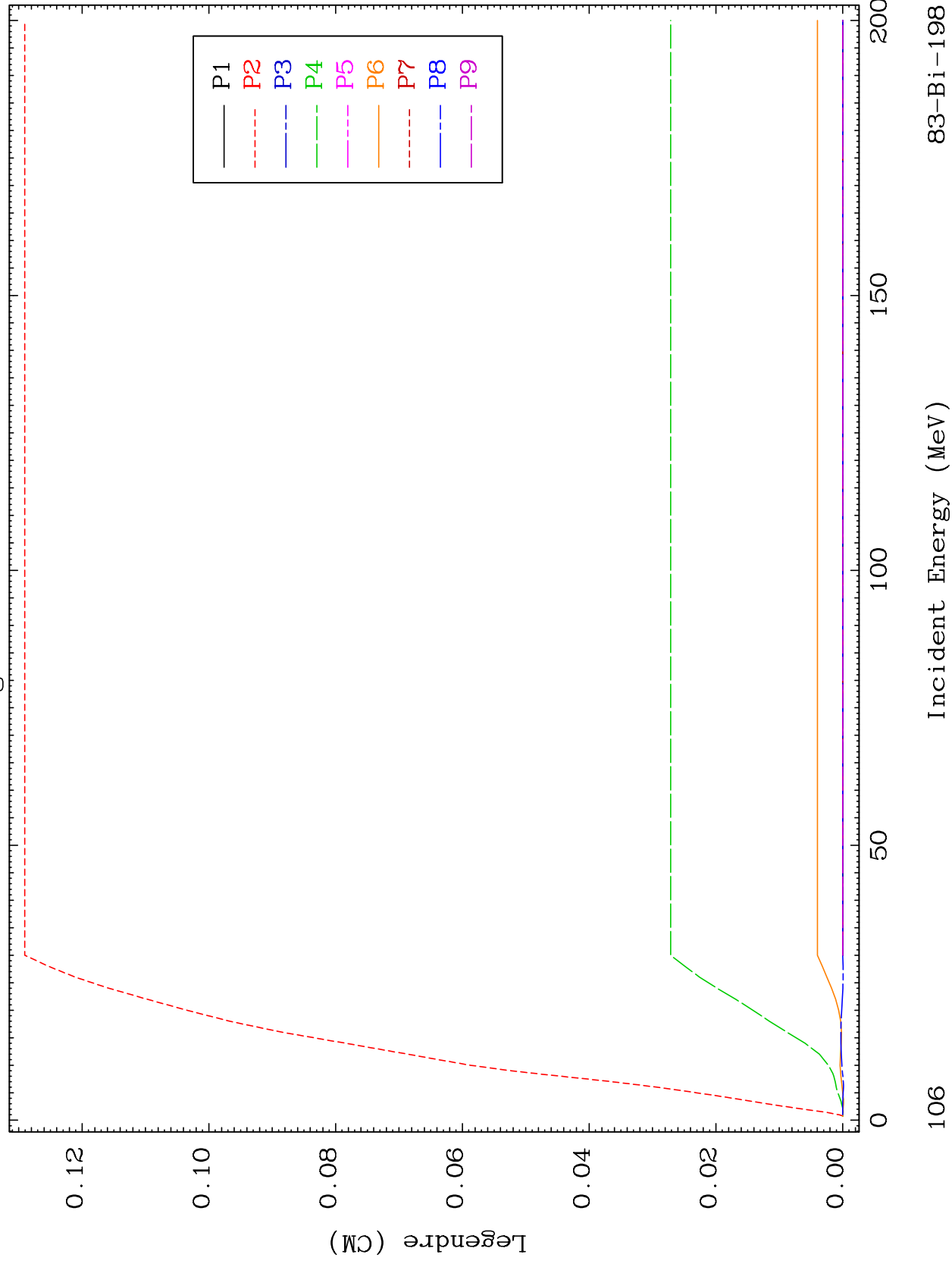
83-Bi-198



MAT 8292

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

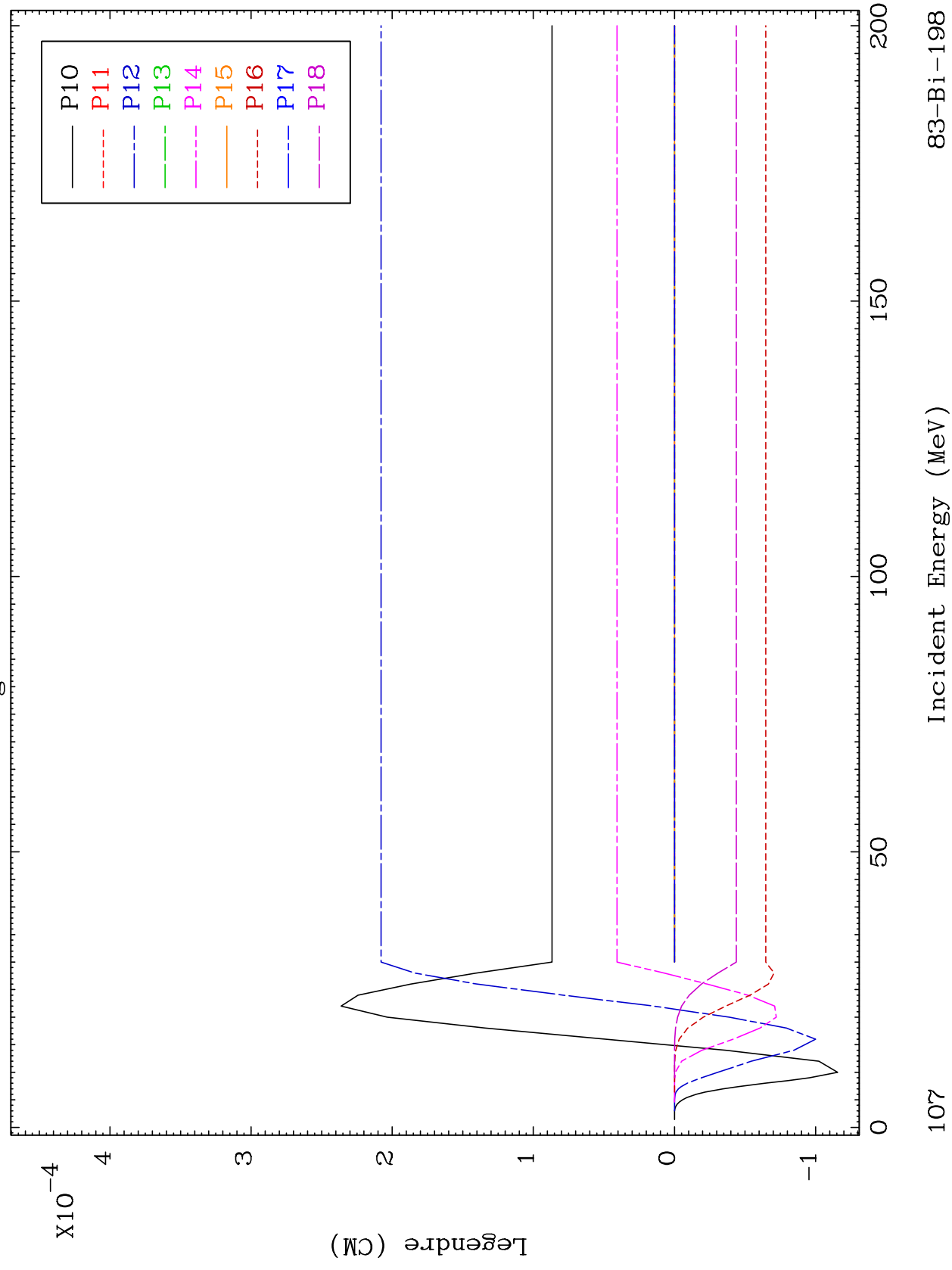
83-Bi-198

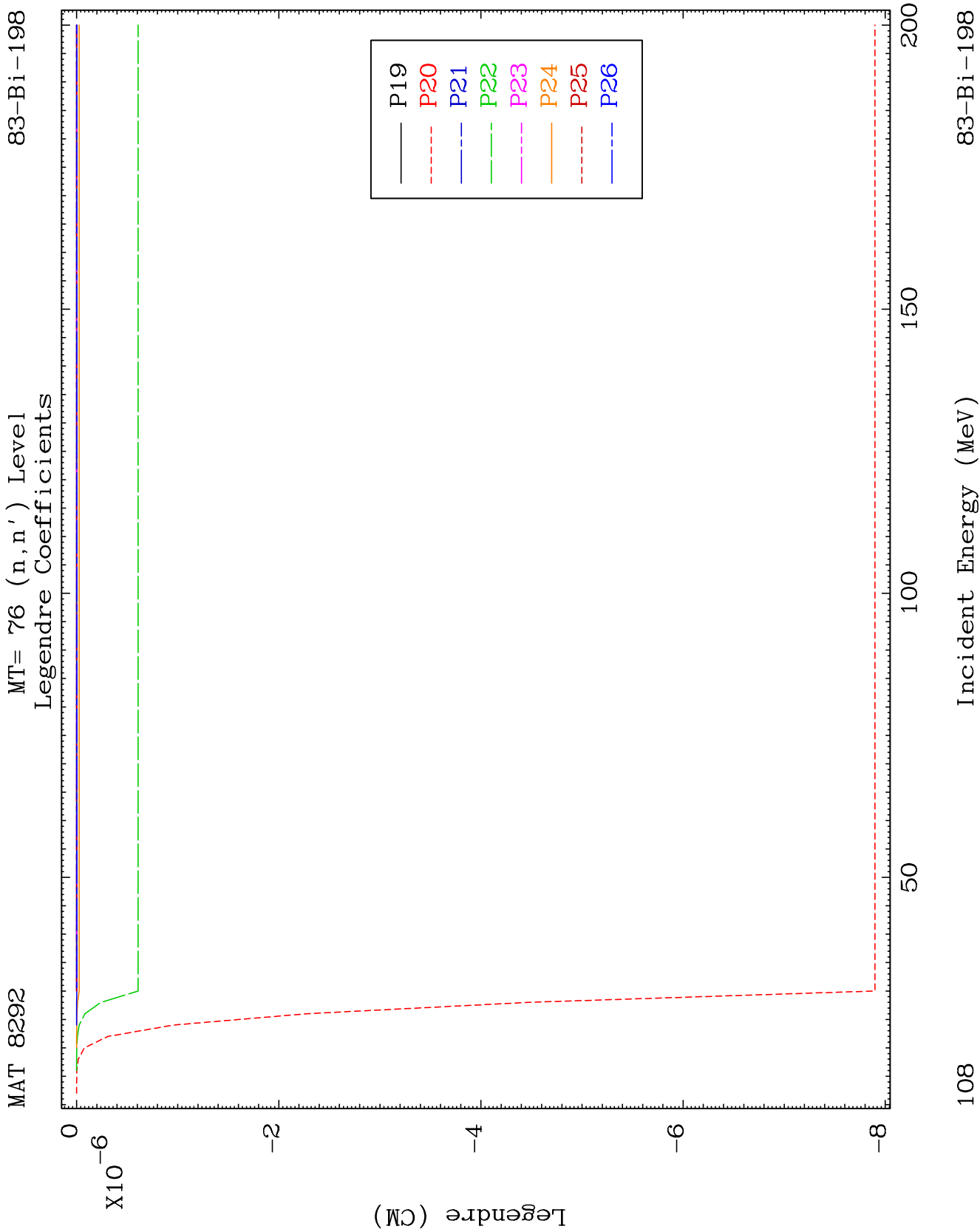


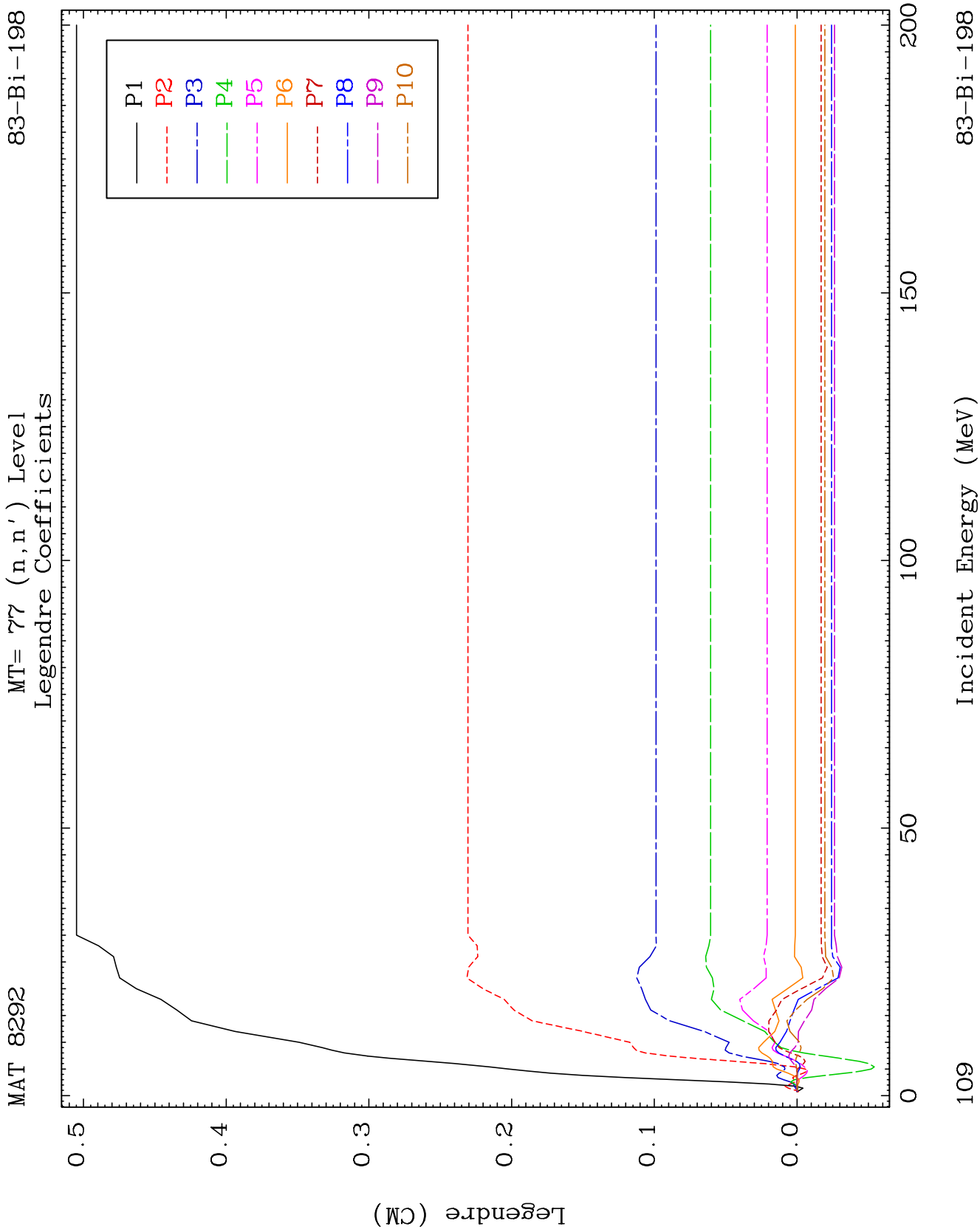
MAT 8292

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

83-Bi-198



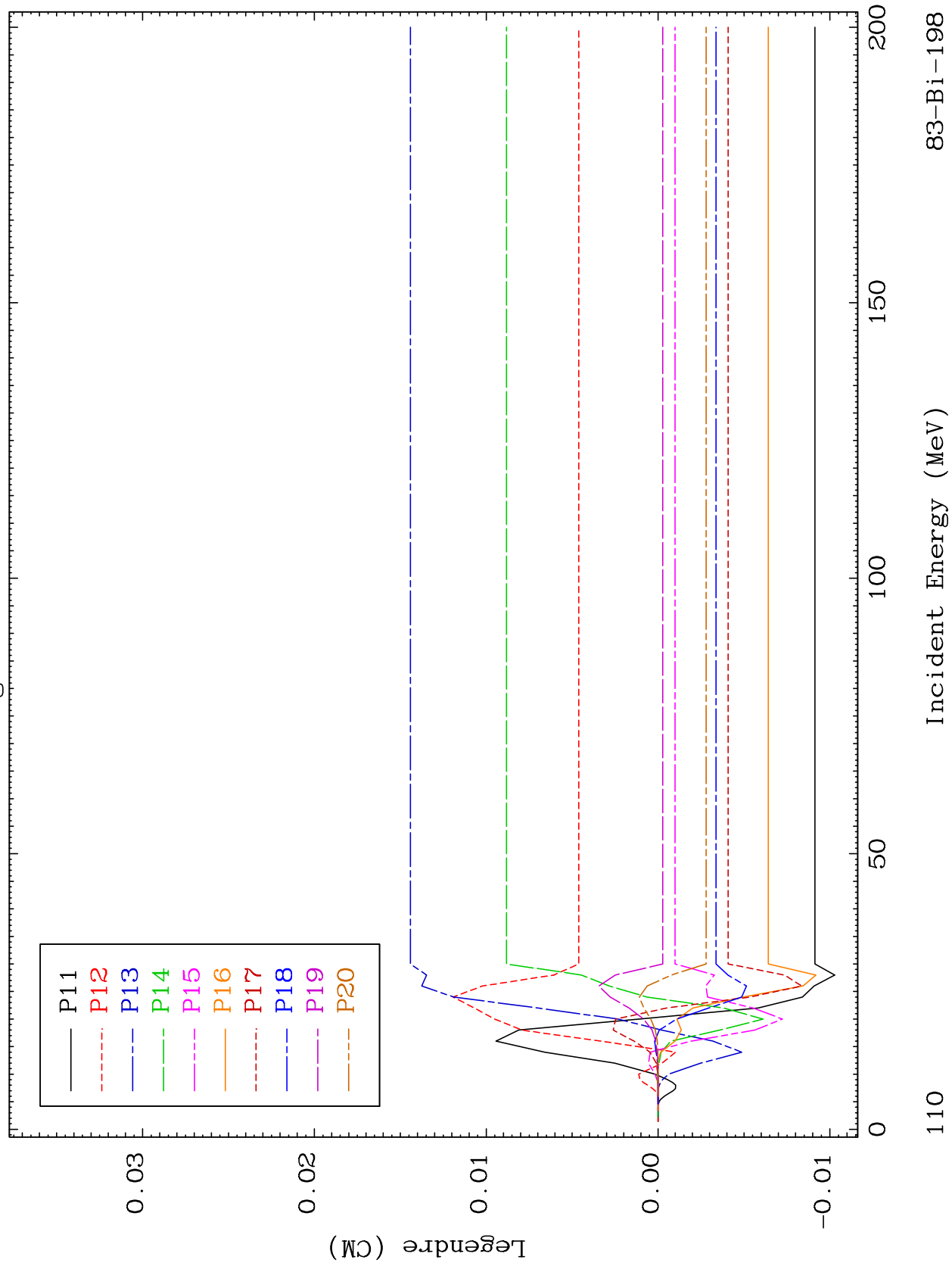


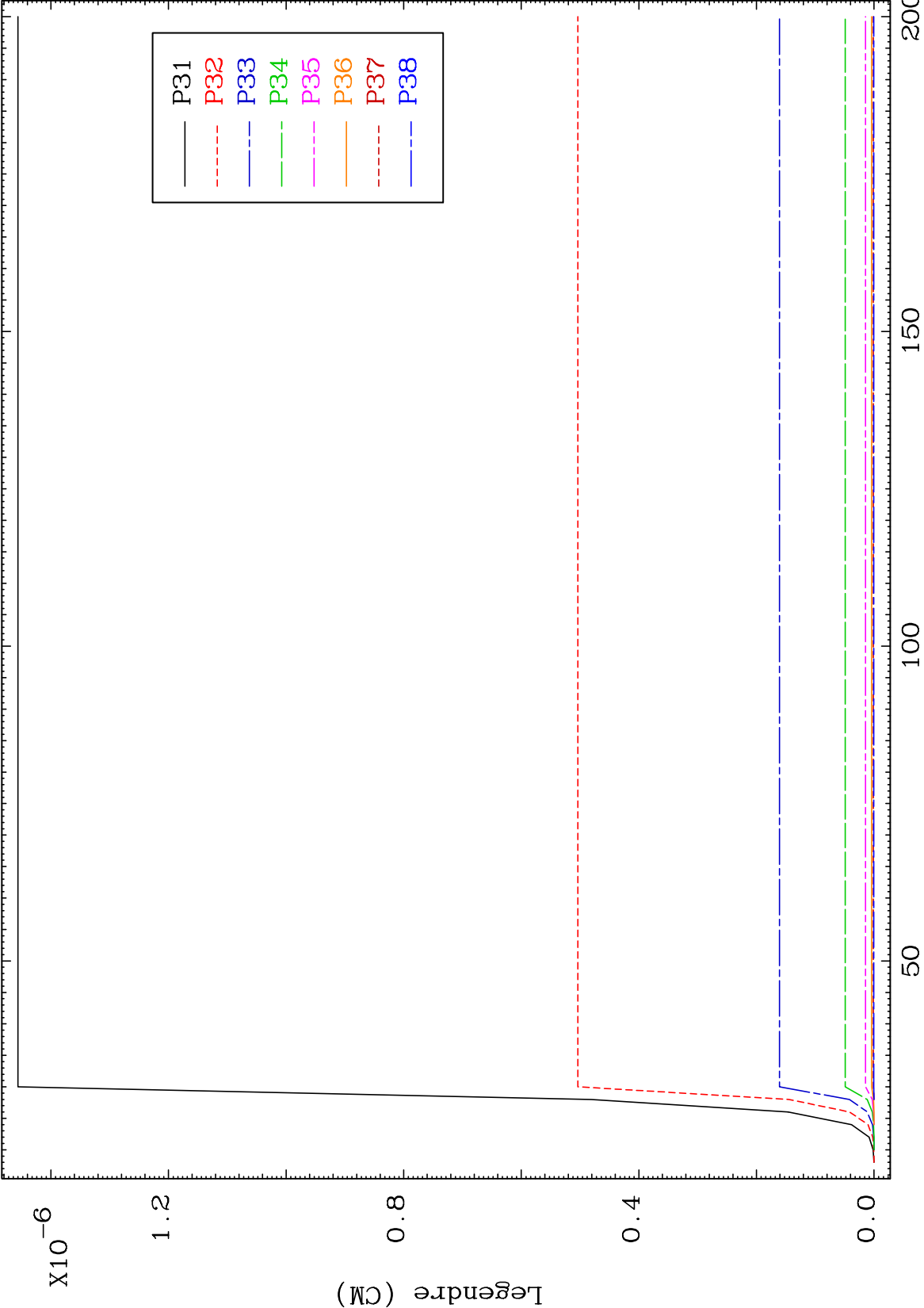


MAT 8292

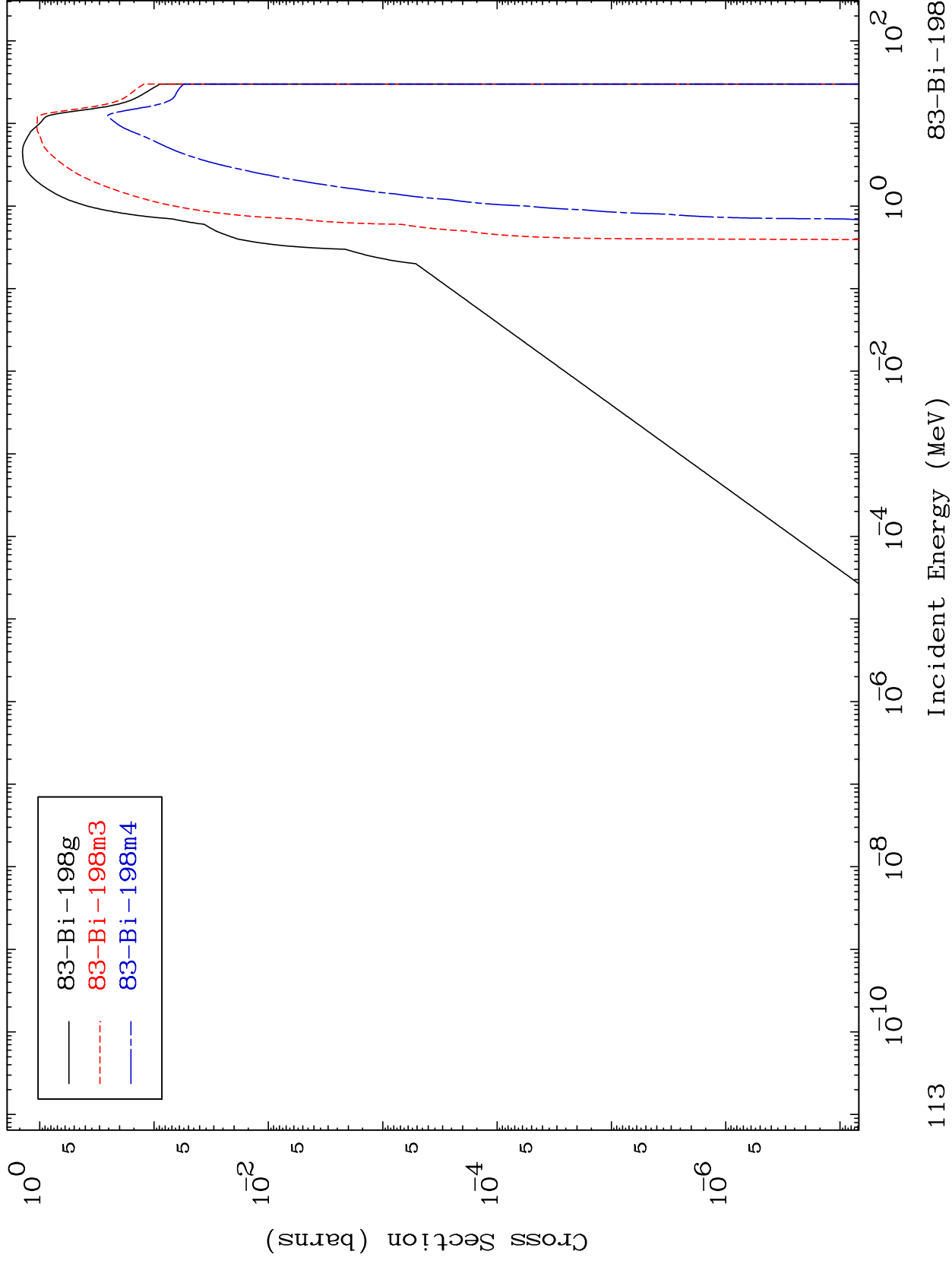
MT= 77 (n, n') Level
Legendre Coefficients

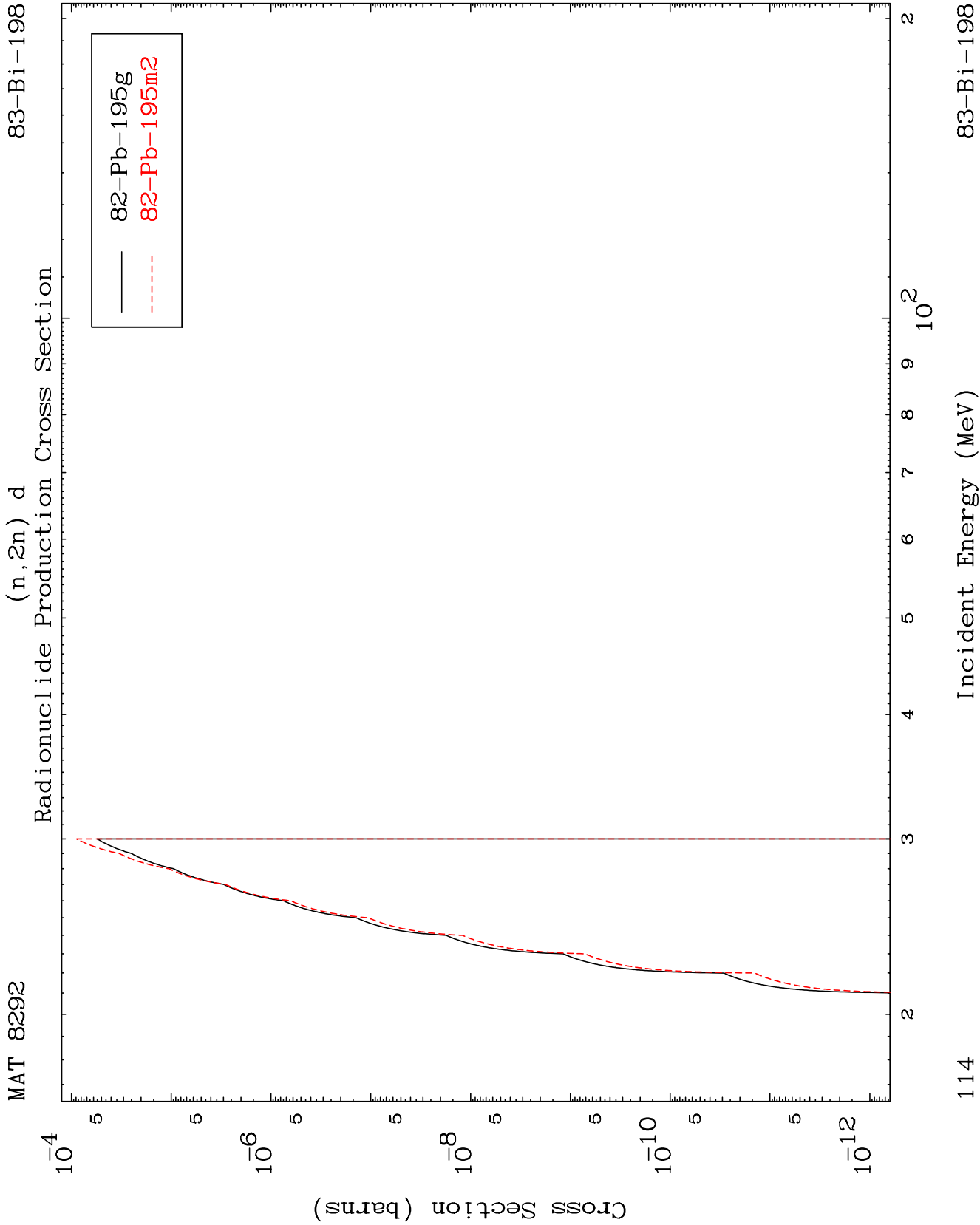
83-Bi-198



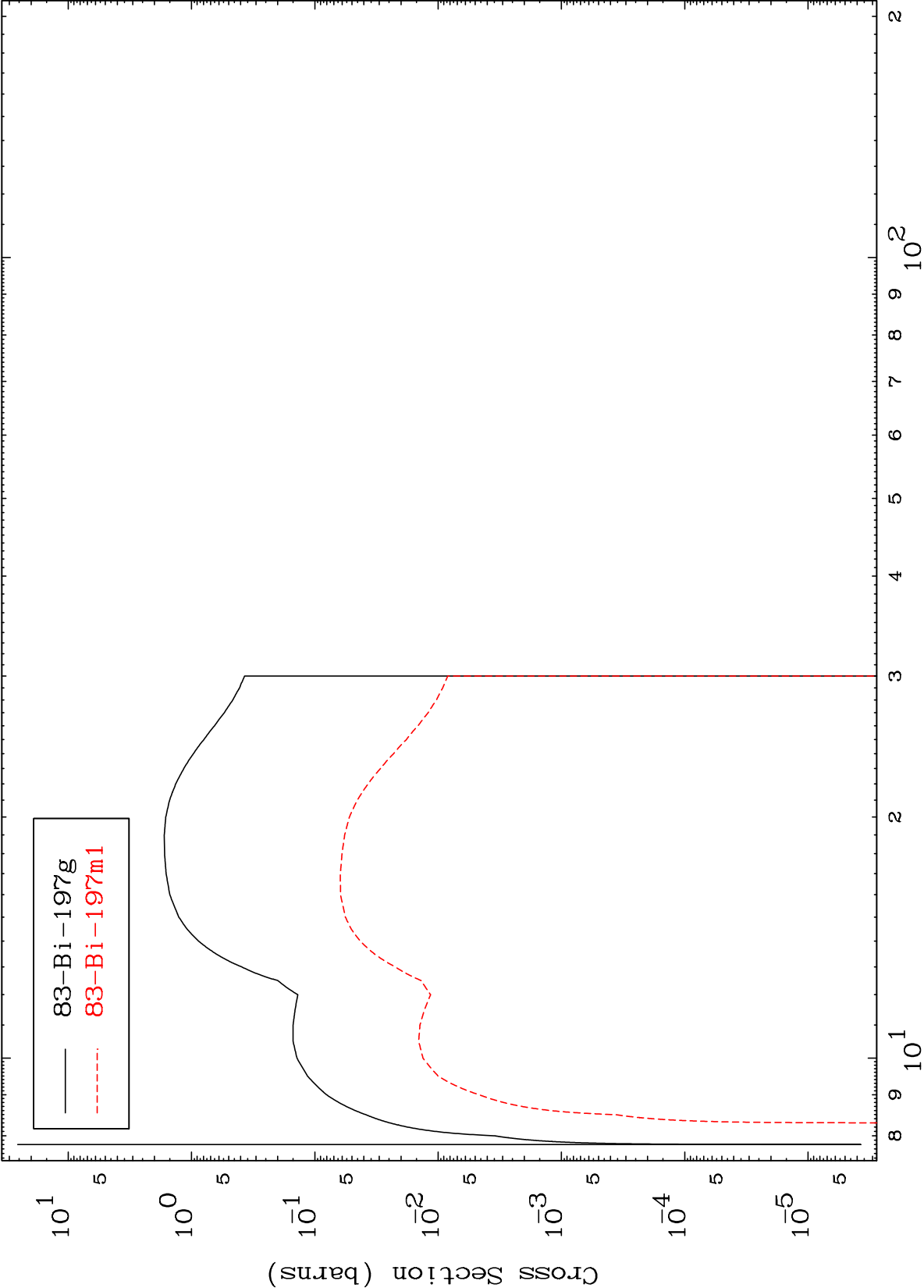


Radionuclide Production Cross Section

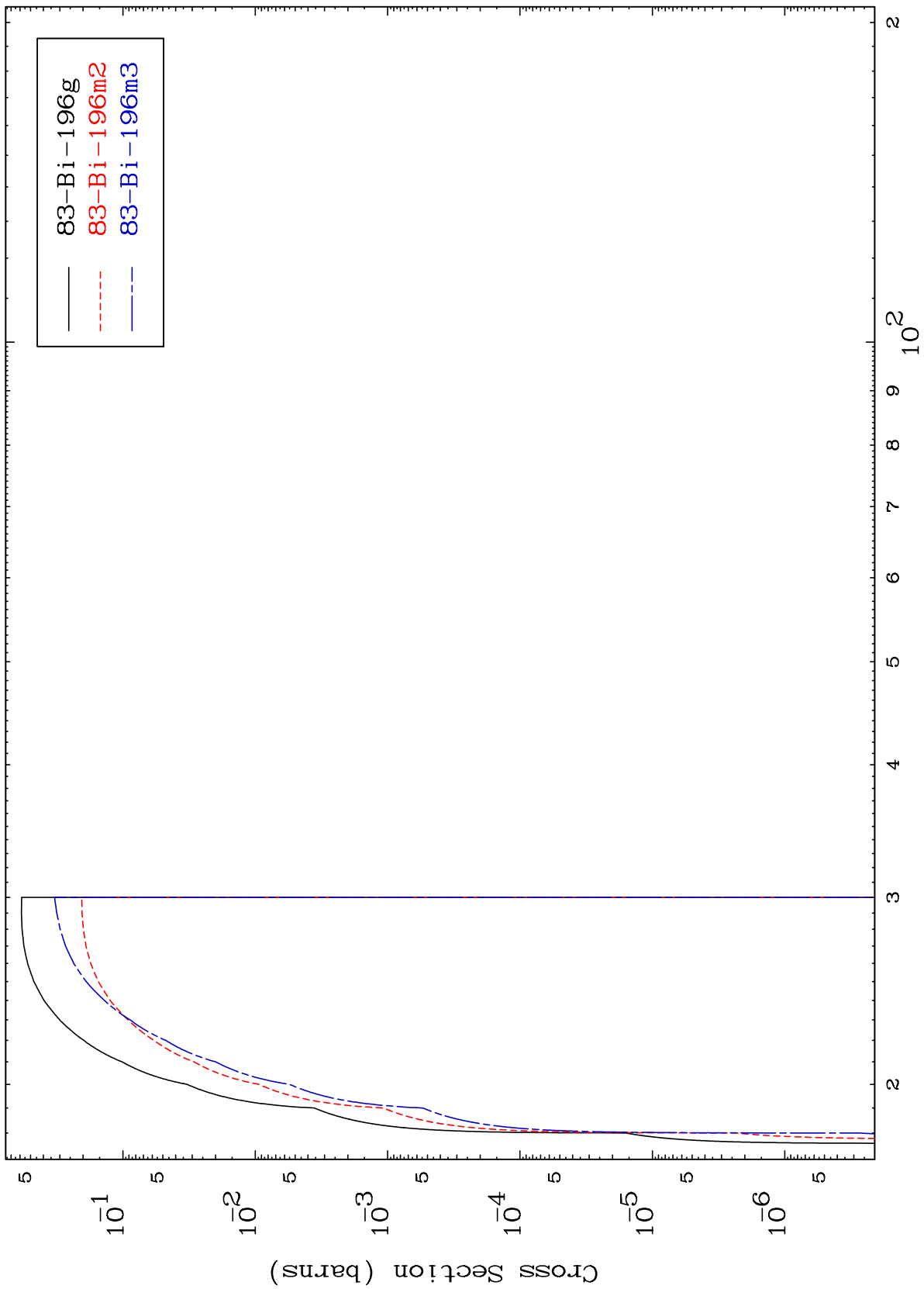




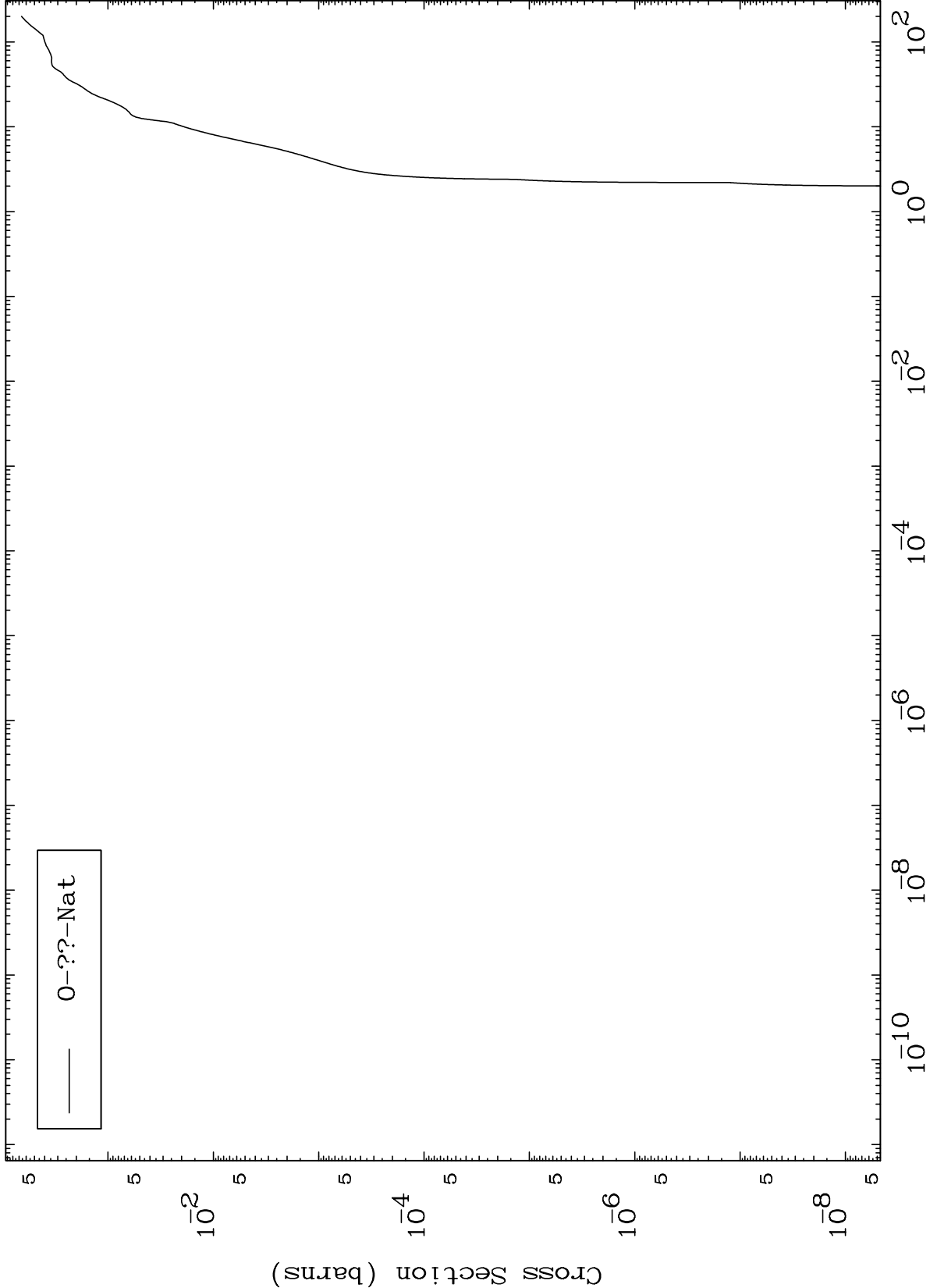
Radionuclide Production Cross Section

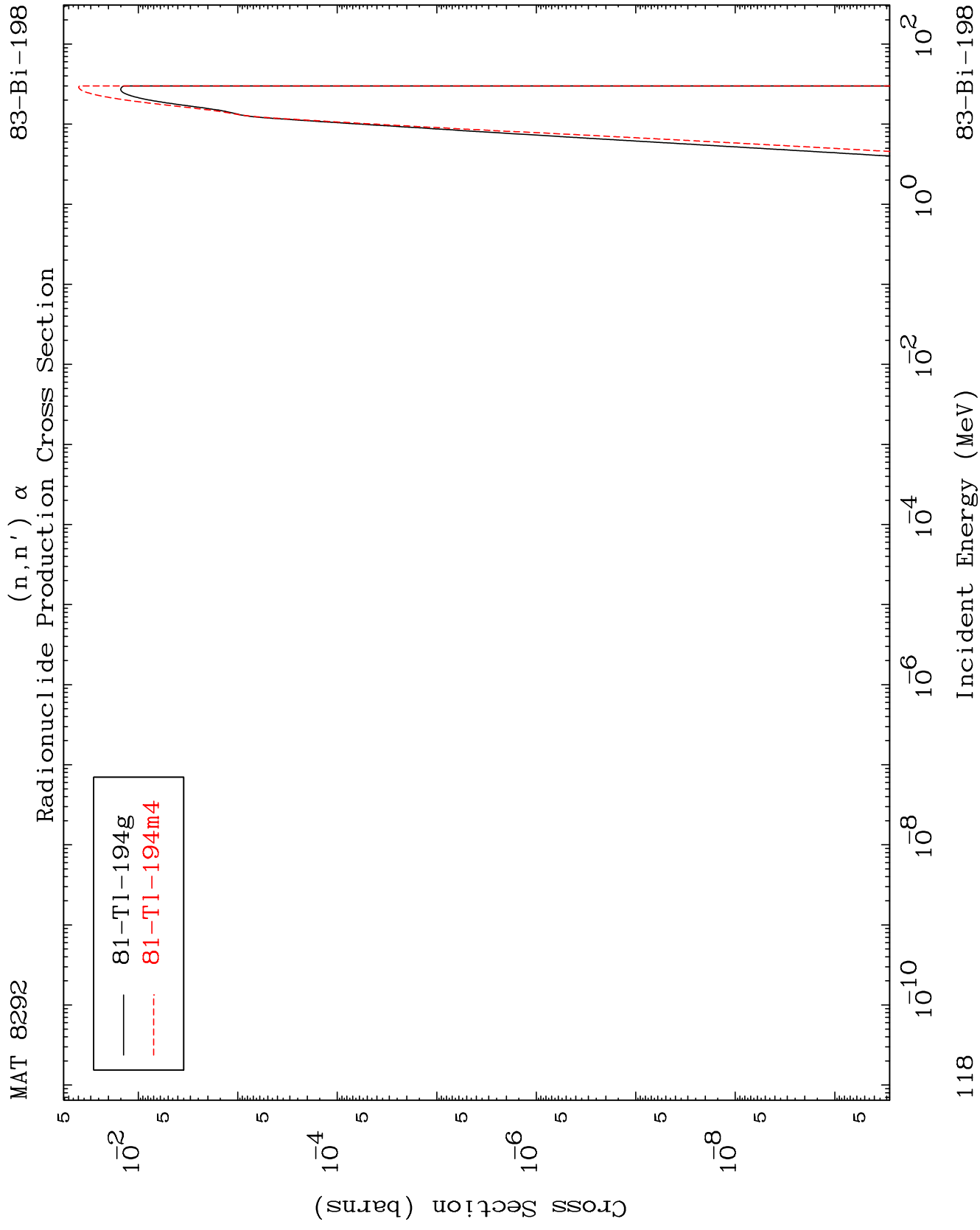


(n,3n)
Radionuclide Production Cross Section

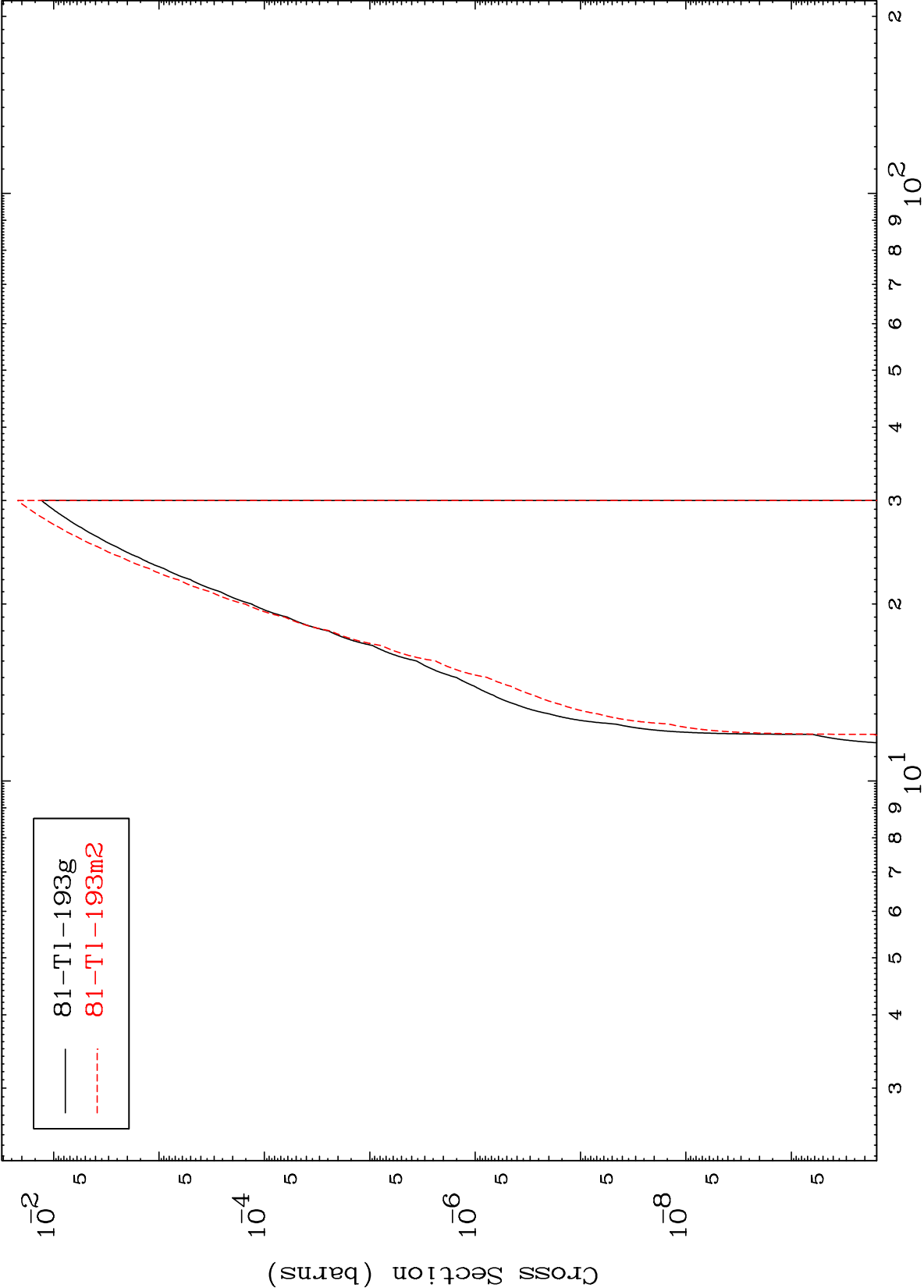


Fission
Radionuclide Production Cross Section

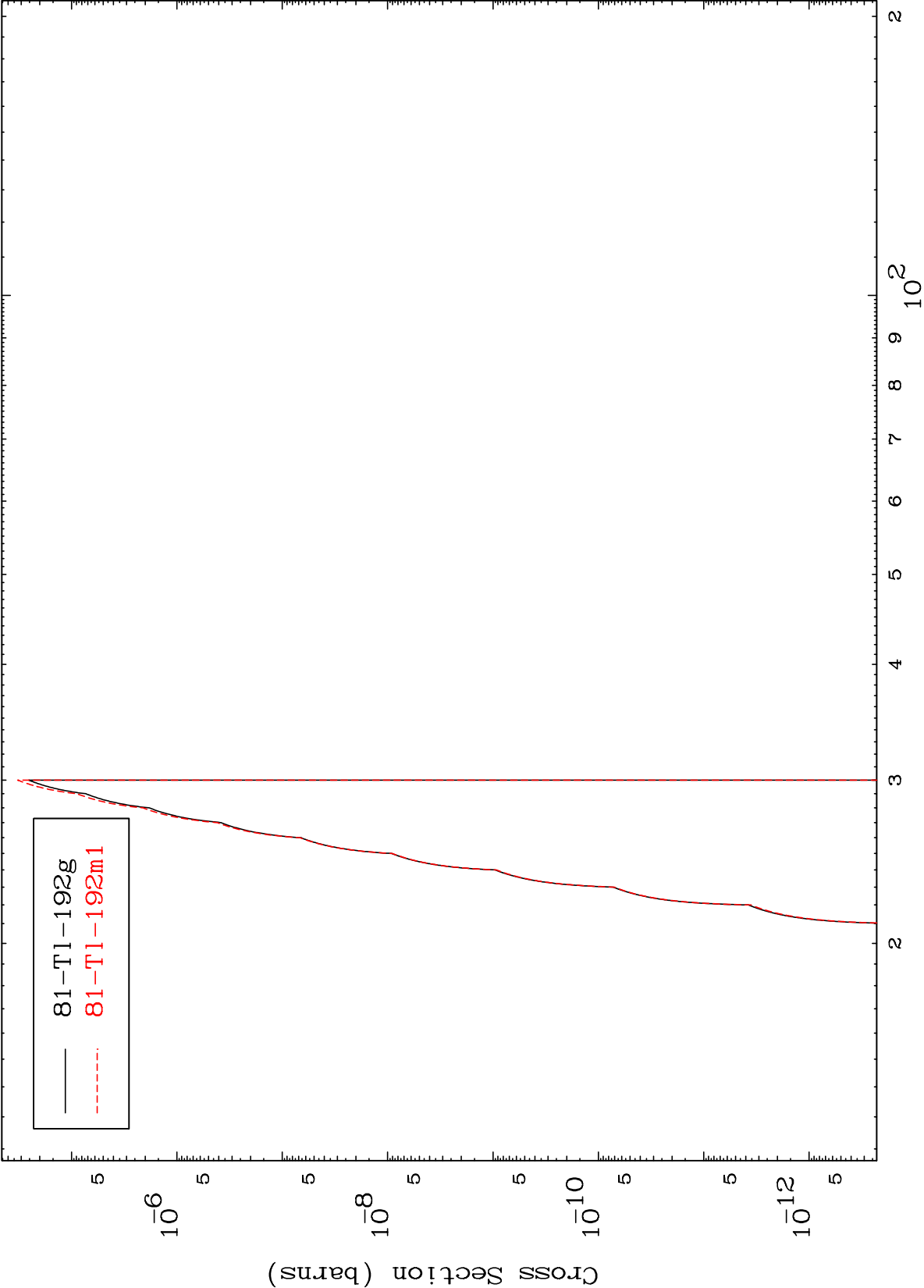




Radionuclide Production Cross Section



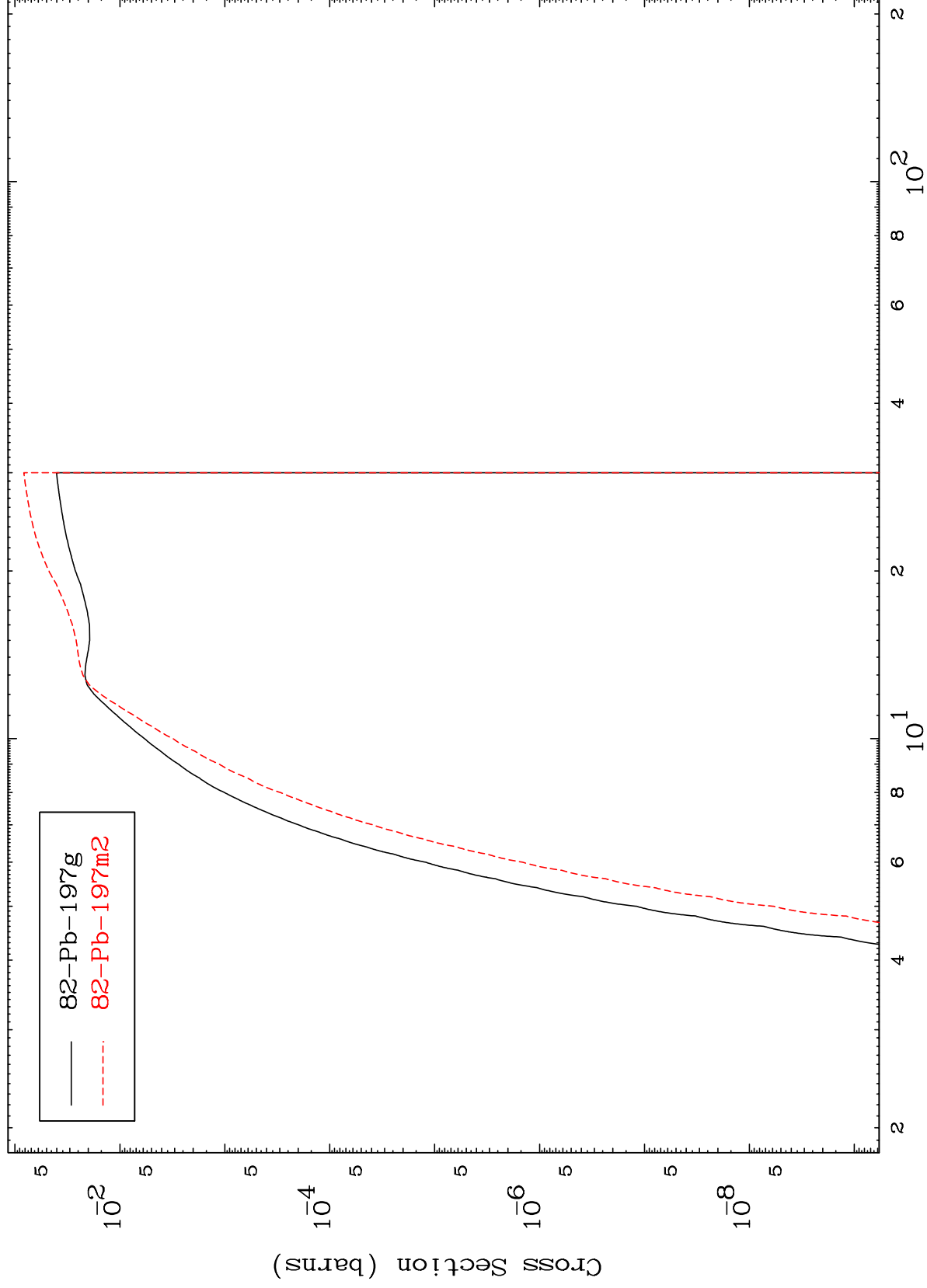
Radionuclide Production Cross Section
(n,3n) α



MAT 8292

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(n,n') p
Radionuclide Production Cross Section

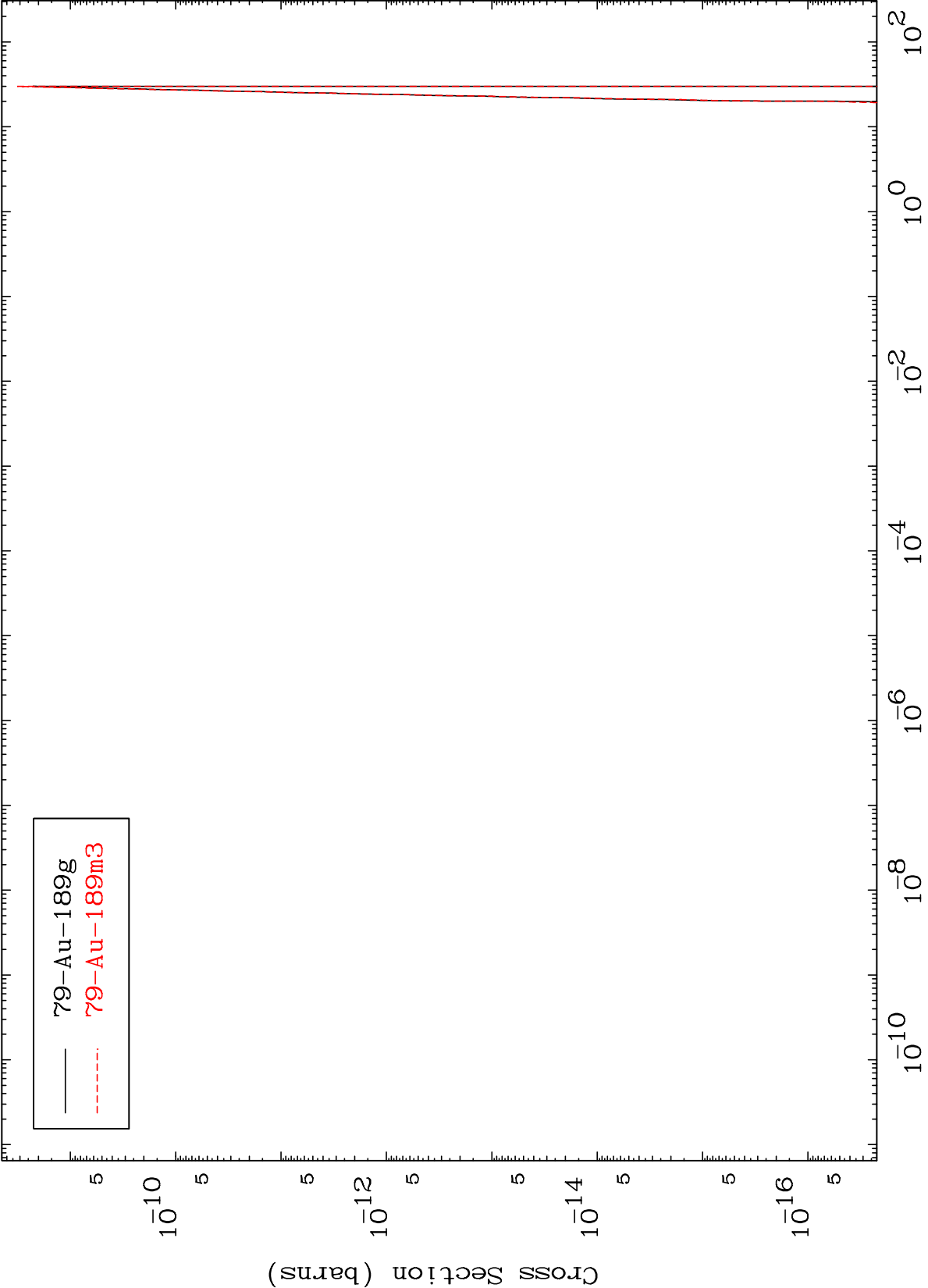


121

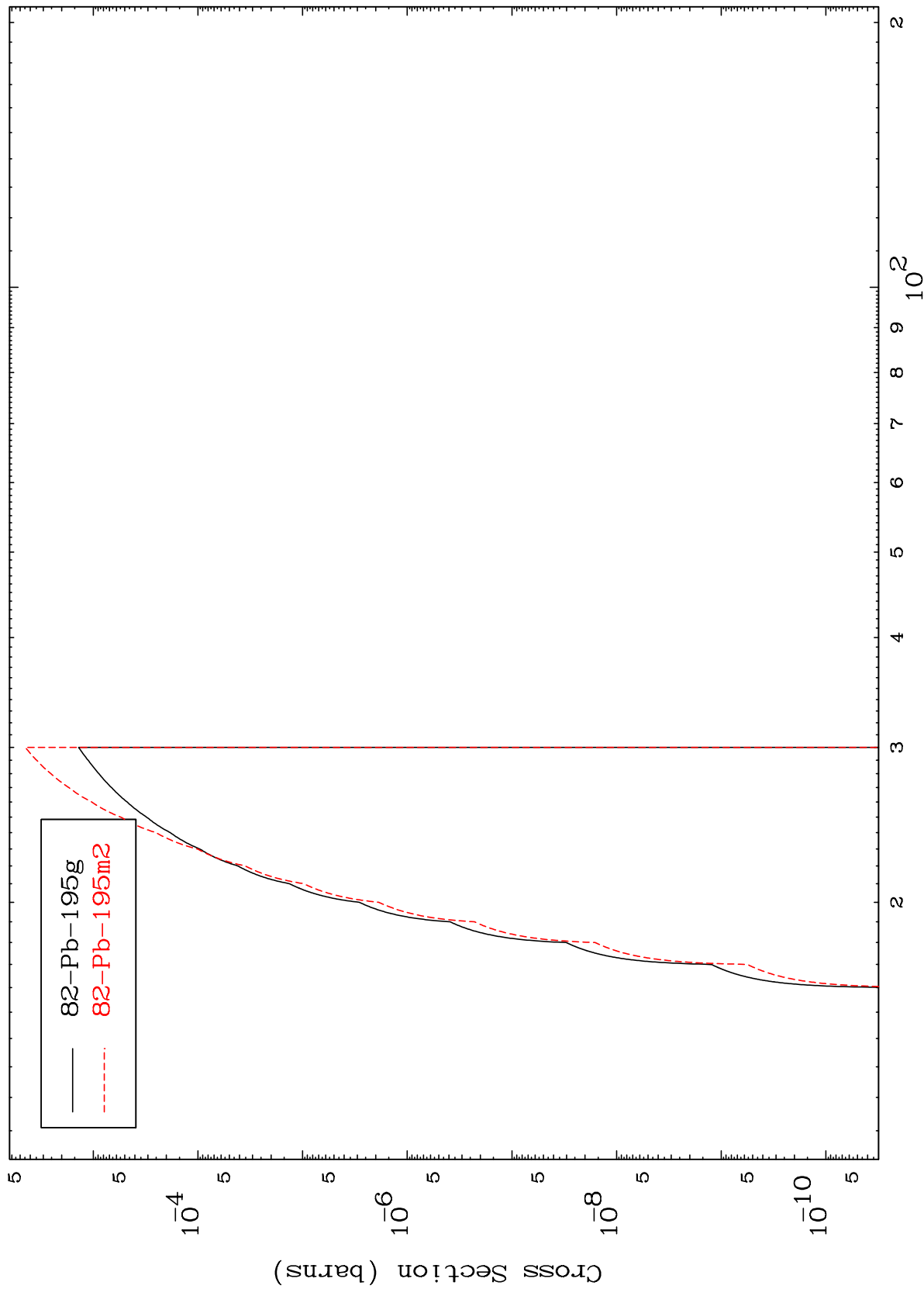
Incident Energy (MeV)

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(n,2n) 2 α
Radionuclide Production Cross Section



(n,n') t
Radionuclide Production Cross Section

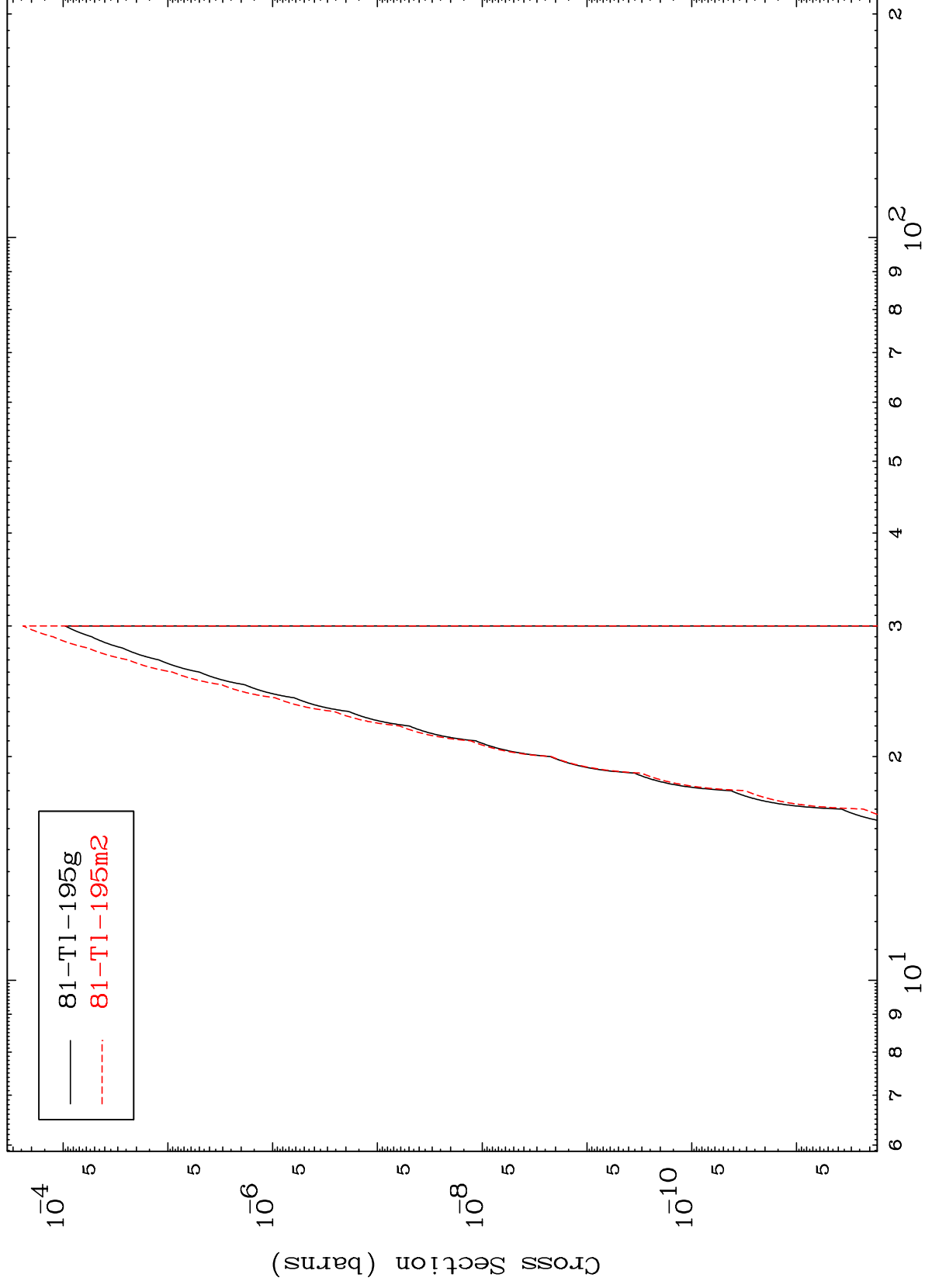


MAT 8292

(n,n') He-3

83-Bi-198

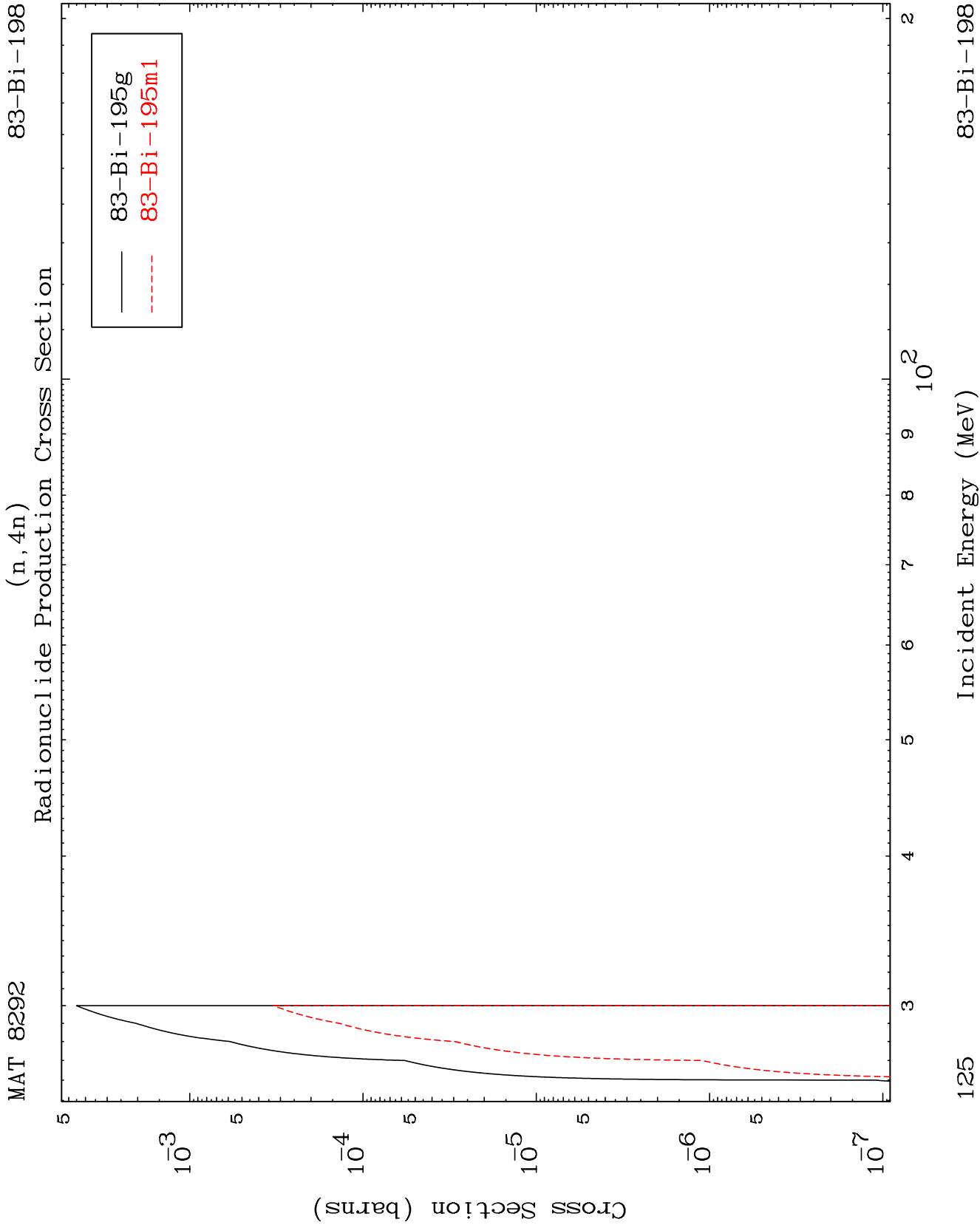
Radionuclide Production Cross Section



124

Incident Energy (MeV)

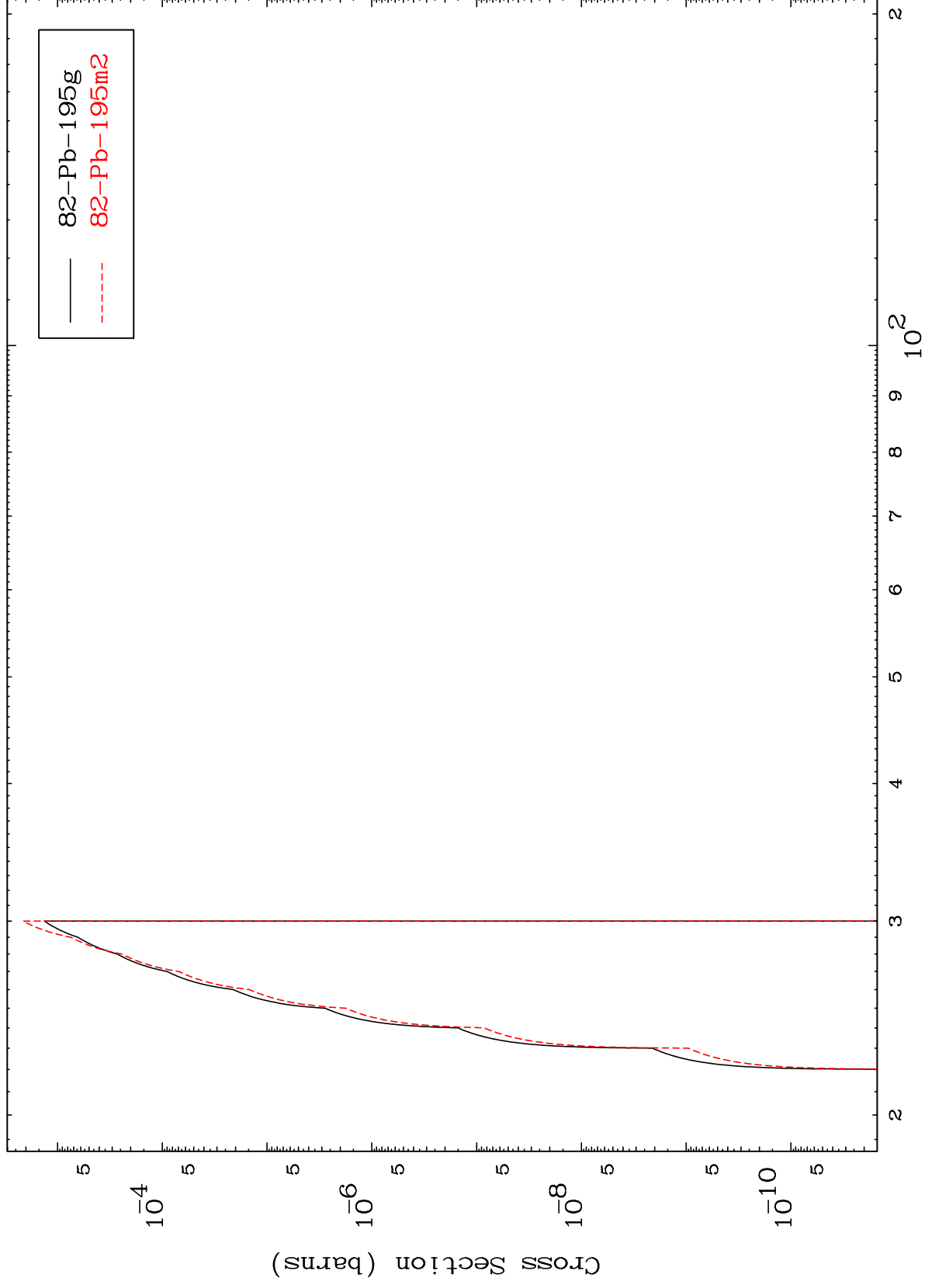
83-Bi-198



MAT 8292

83-Bi-198

(n,3n) p
Radionuclide Production Cross Section



126

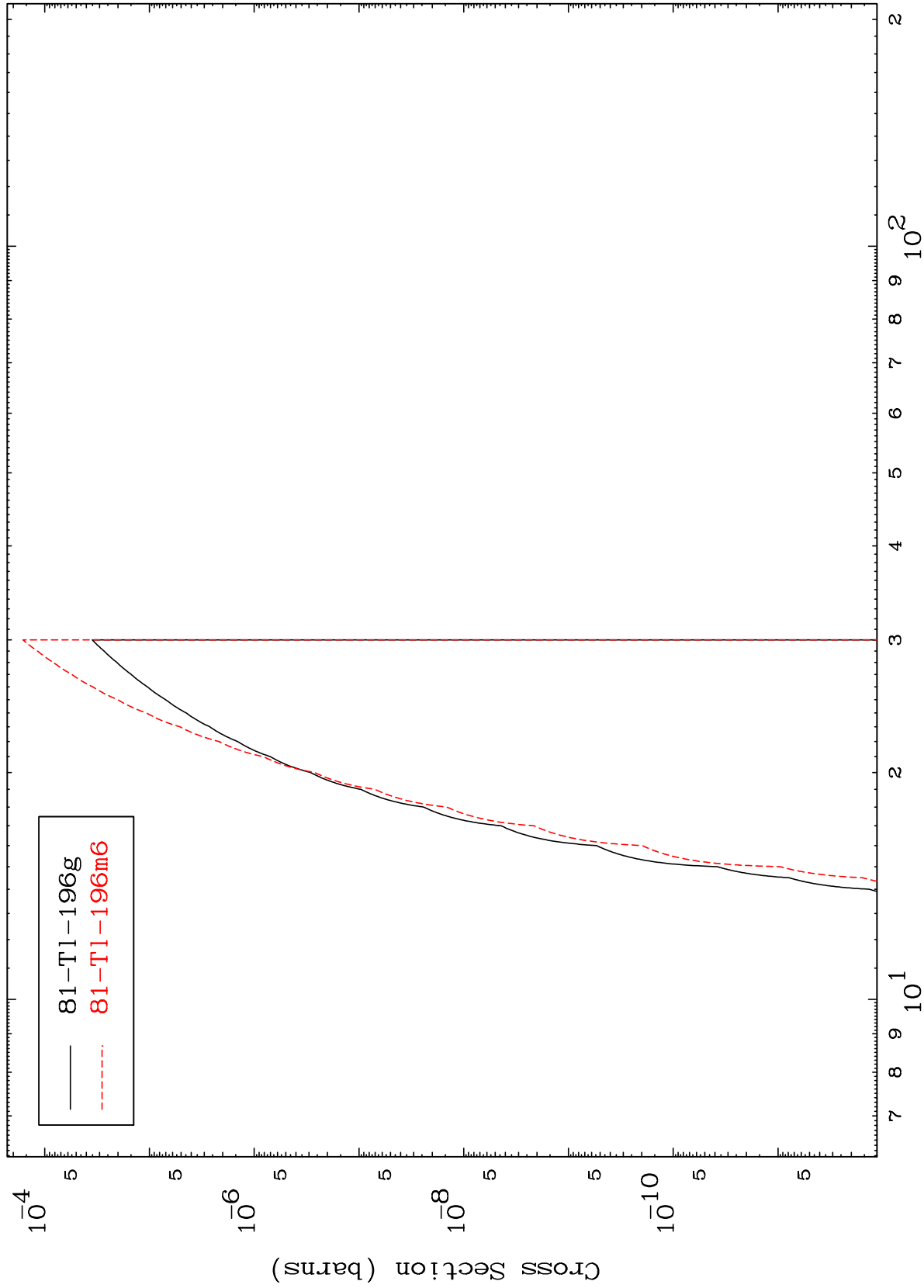
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(n,2n) p
Radionuclide Production Cross Section

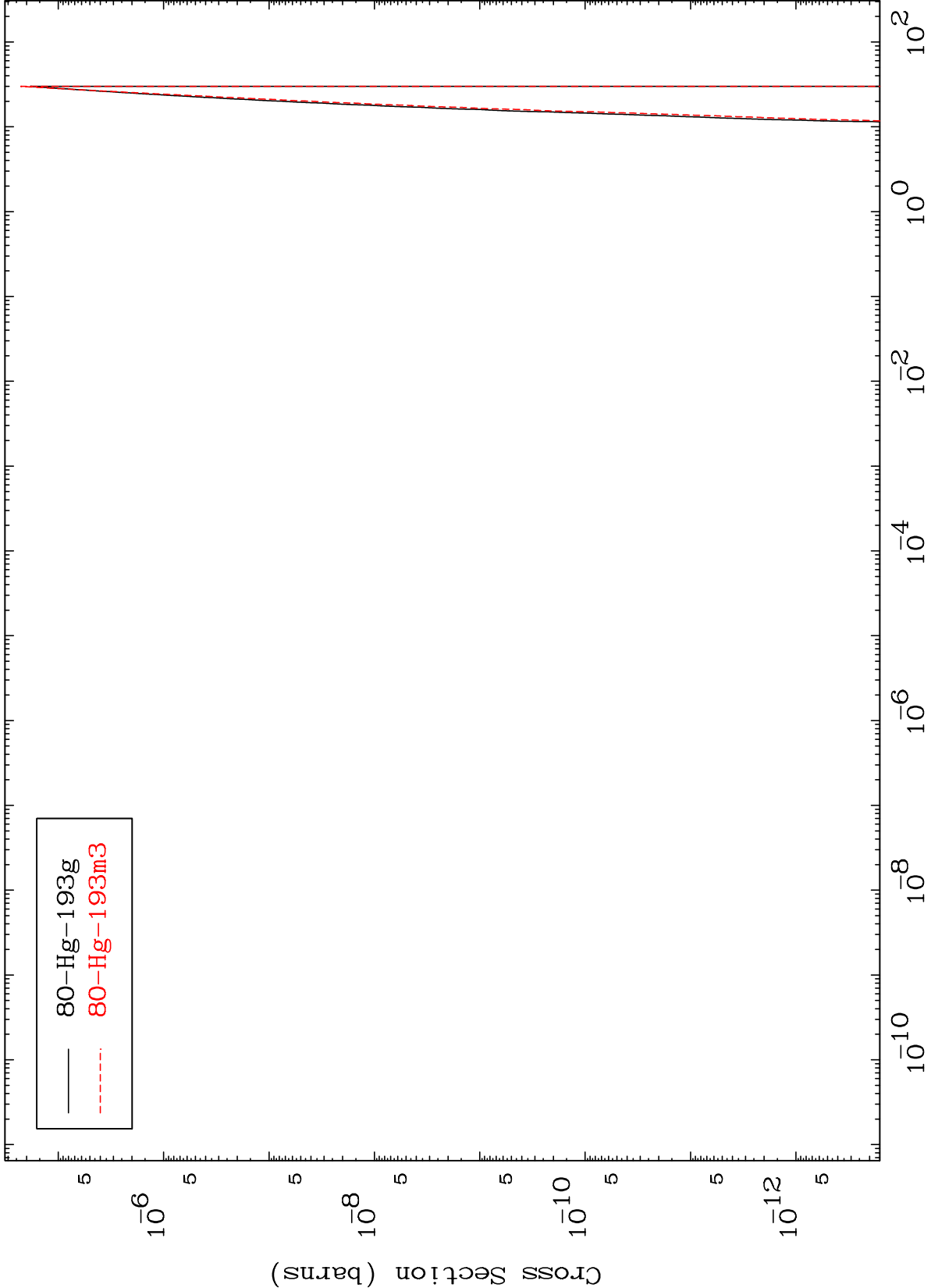


127

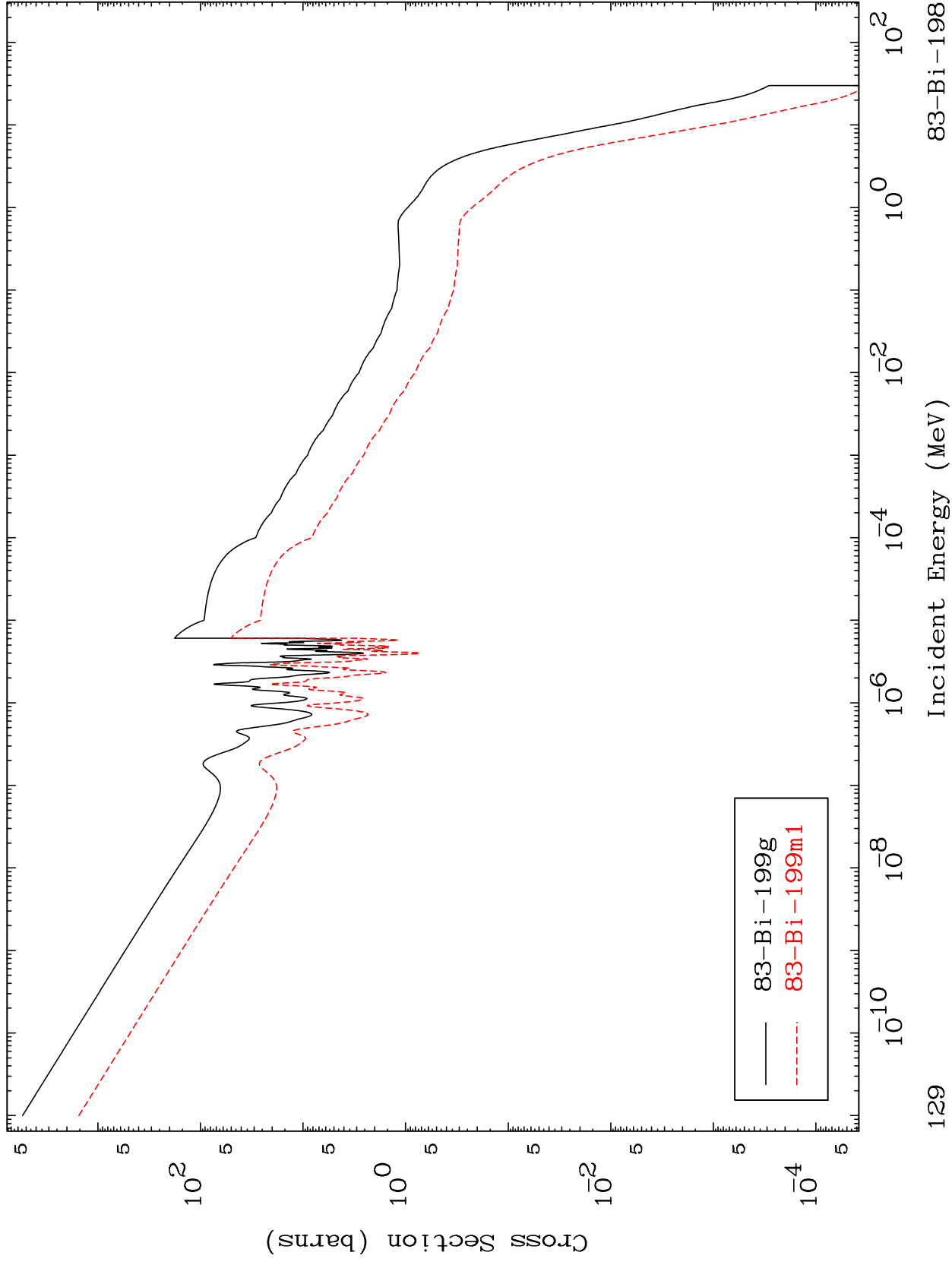
Incident Energy (MeV)

83-Bi-198

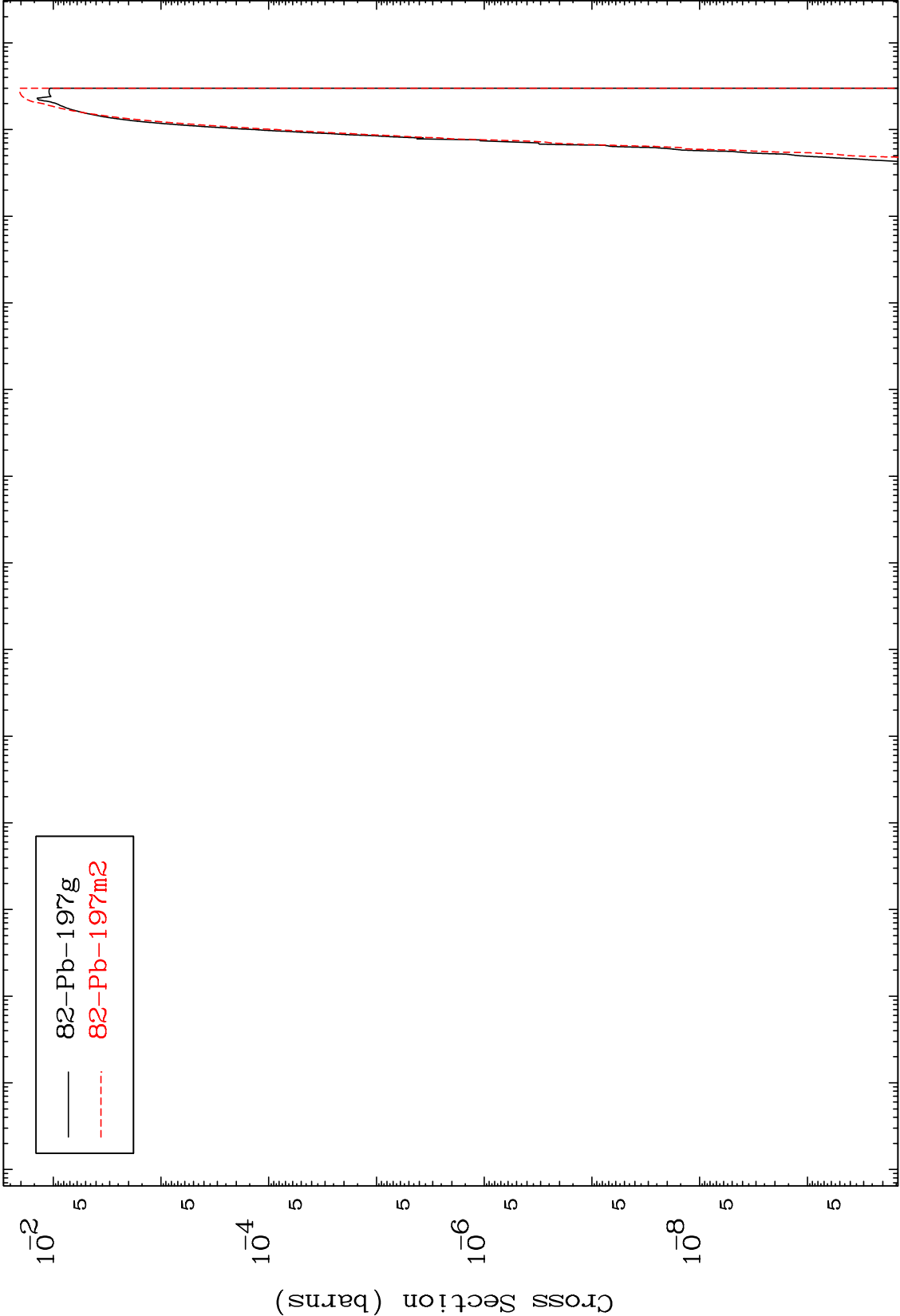
(n,n') p α
Radionuclide Production Cross Section



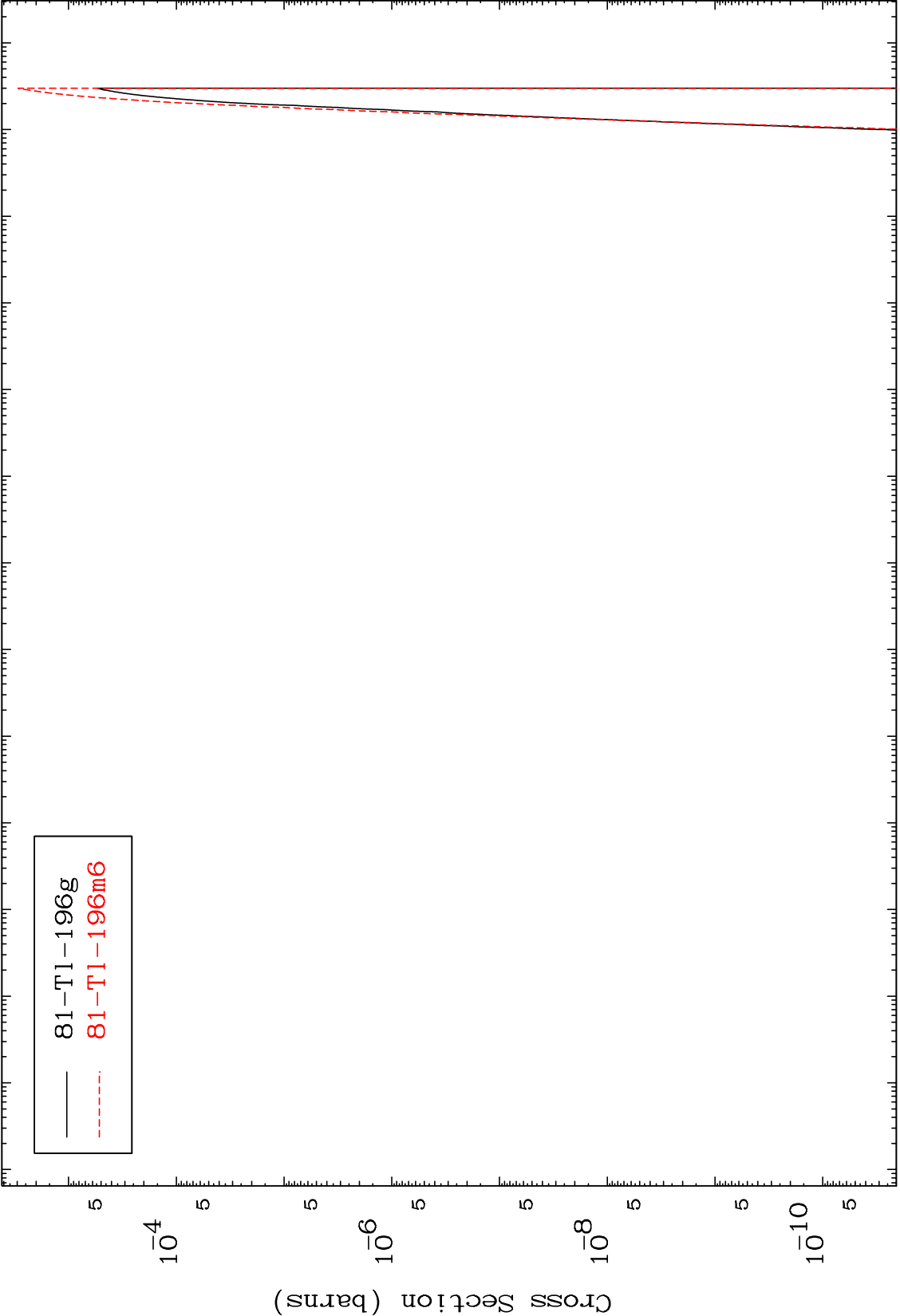
(n, γ)
Radionuclide Production Cross Section



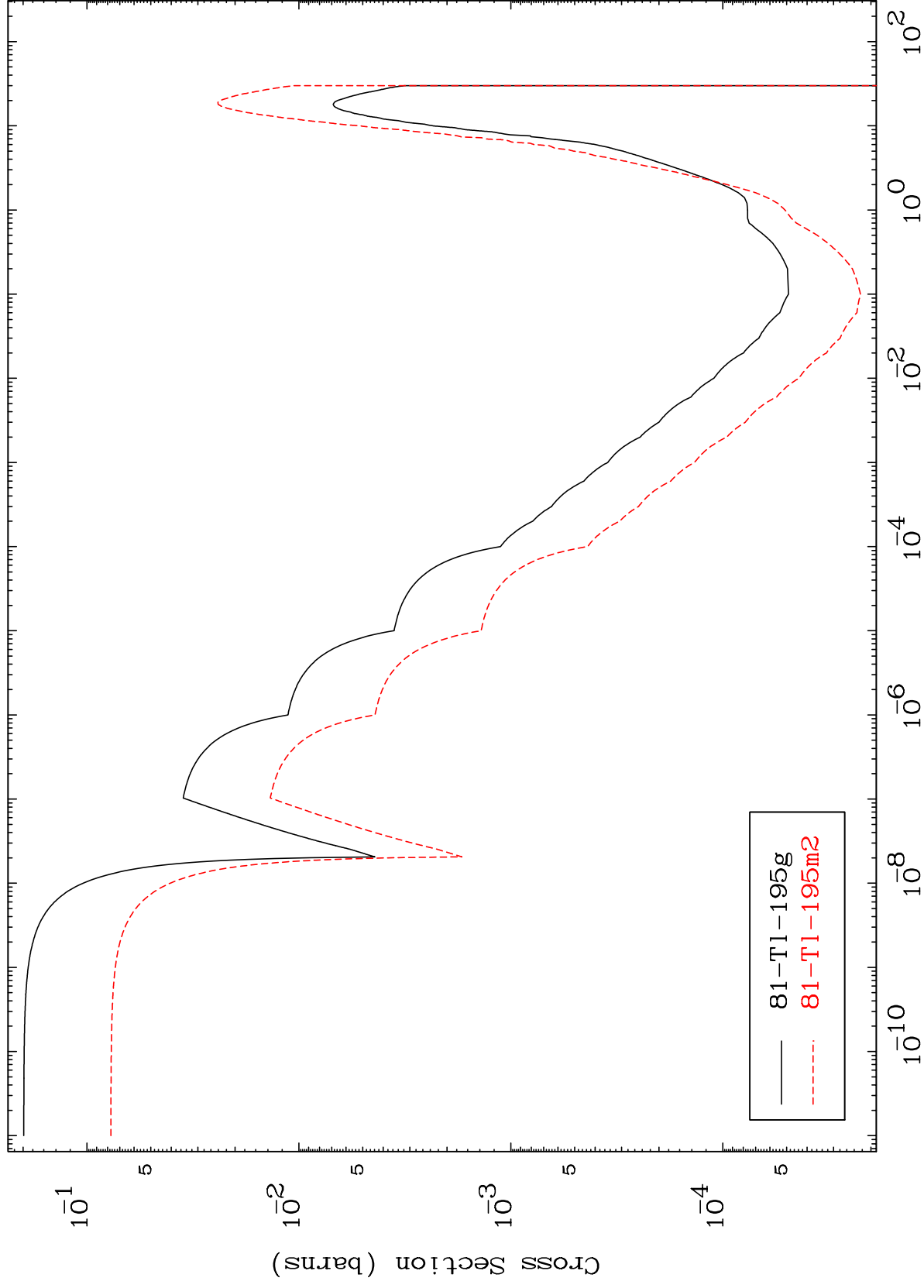
Radionuclide Production Cross Section



Radionuclide Production Cross Section



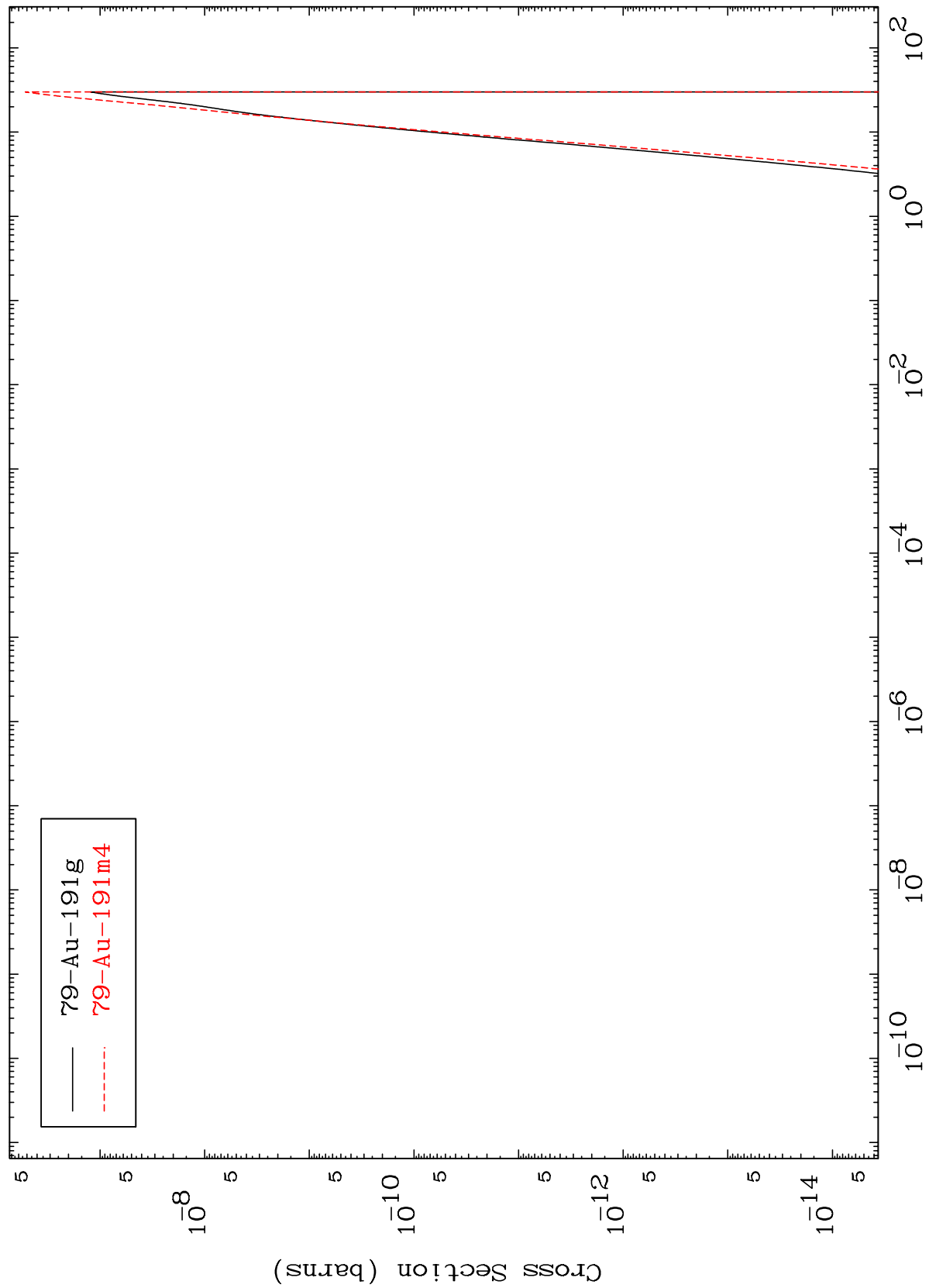
Radionuclide Production Cross Section
(n, α)



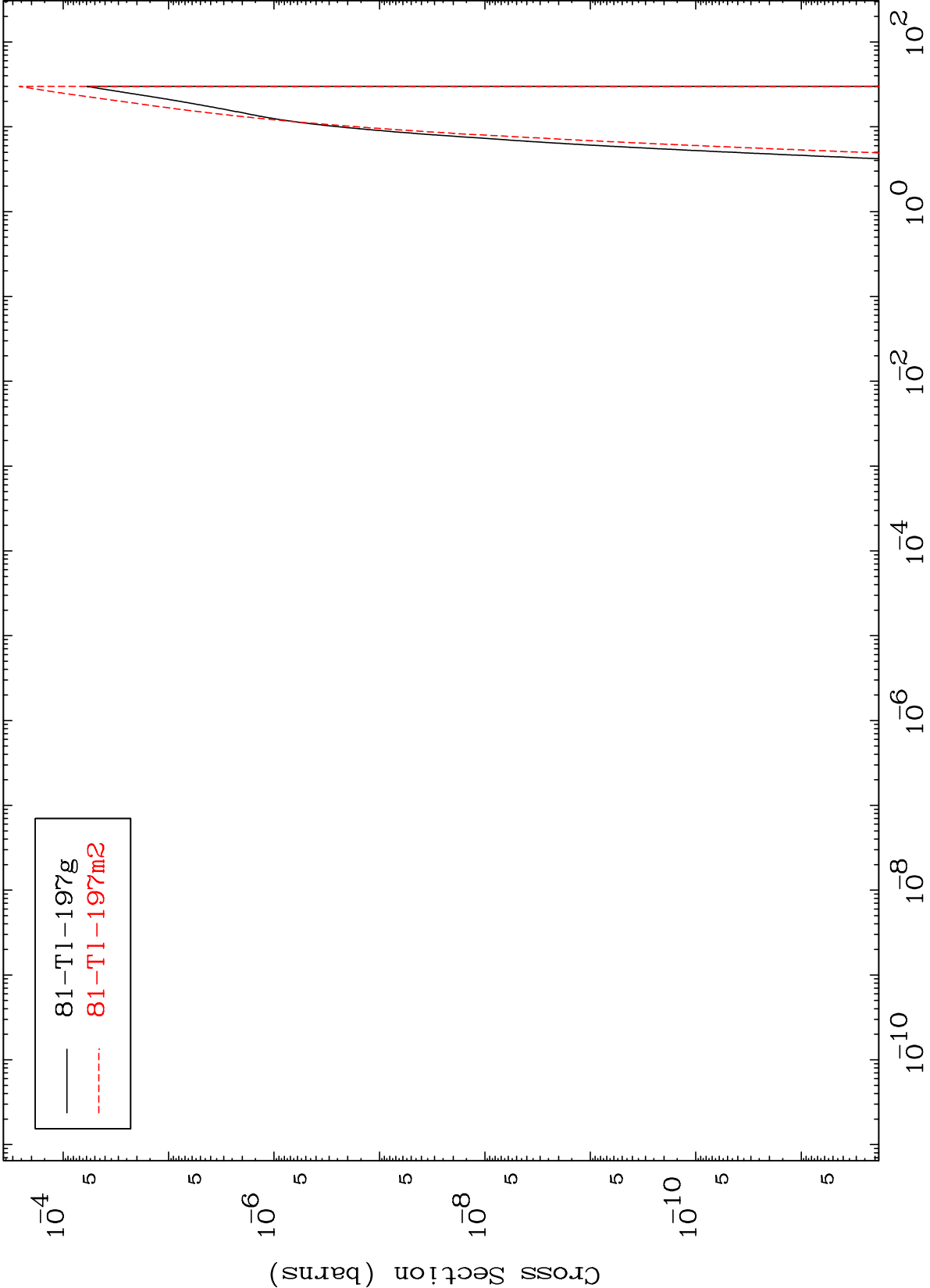
MAT 8292

83-Bi-198

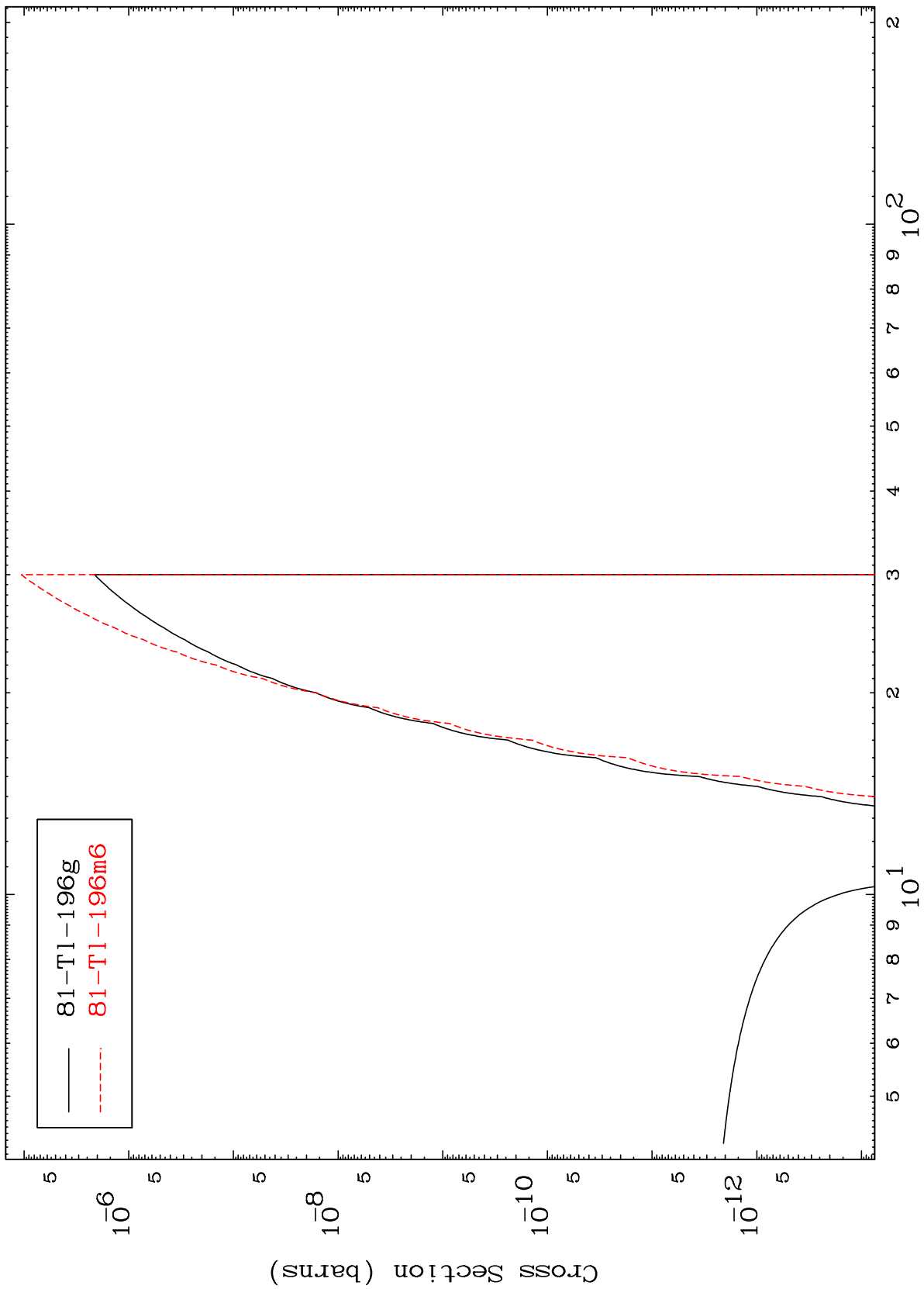
(n,2α)
Radionuclide Production Cross Section



Radionuclide Production Cross Section



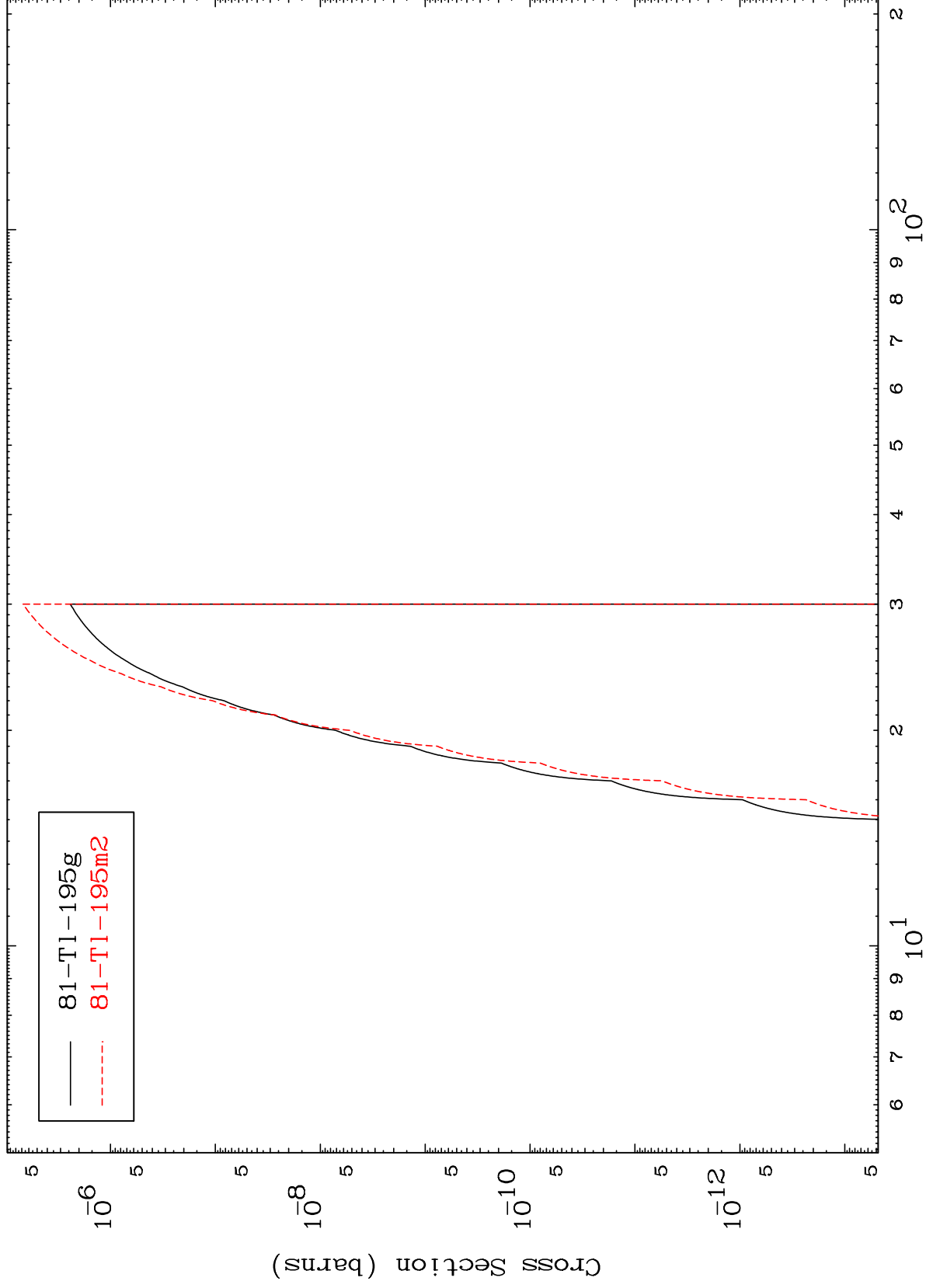
(n,p) d
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

(n,p) t
Radionuclide Production Cross Section



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Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section
(n,d) α

