

Program EVALPLOT
(Version 2021-1)

by

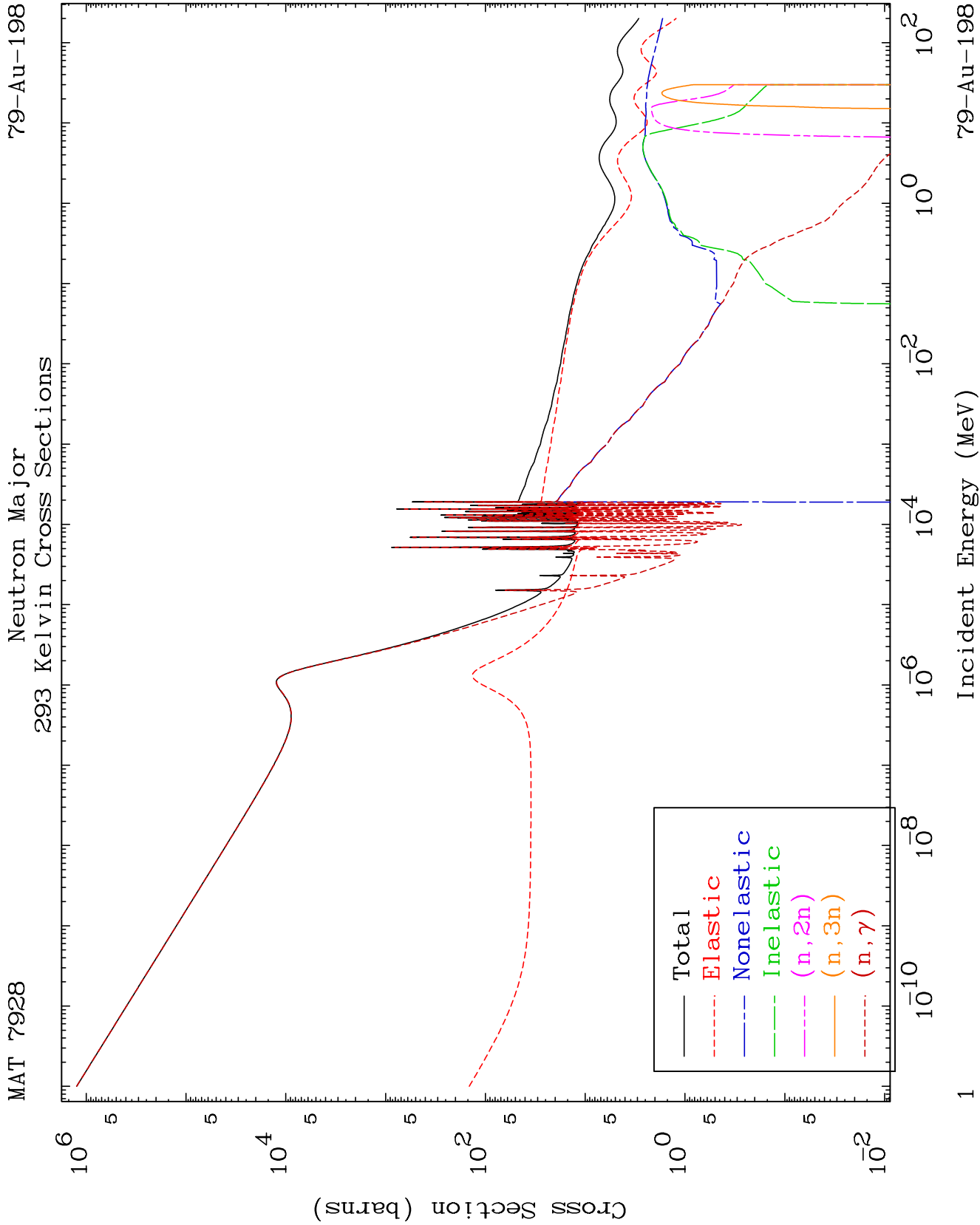
Dermott E. Cullen
(Present Contact Information)

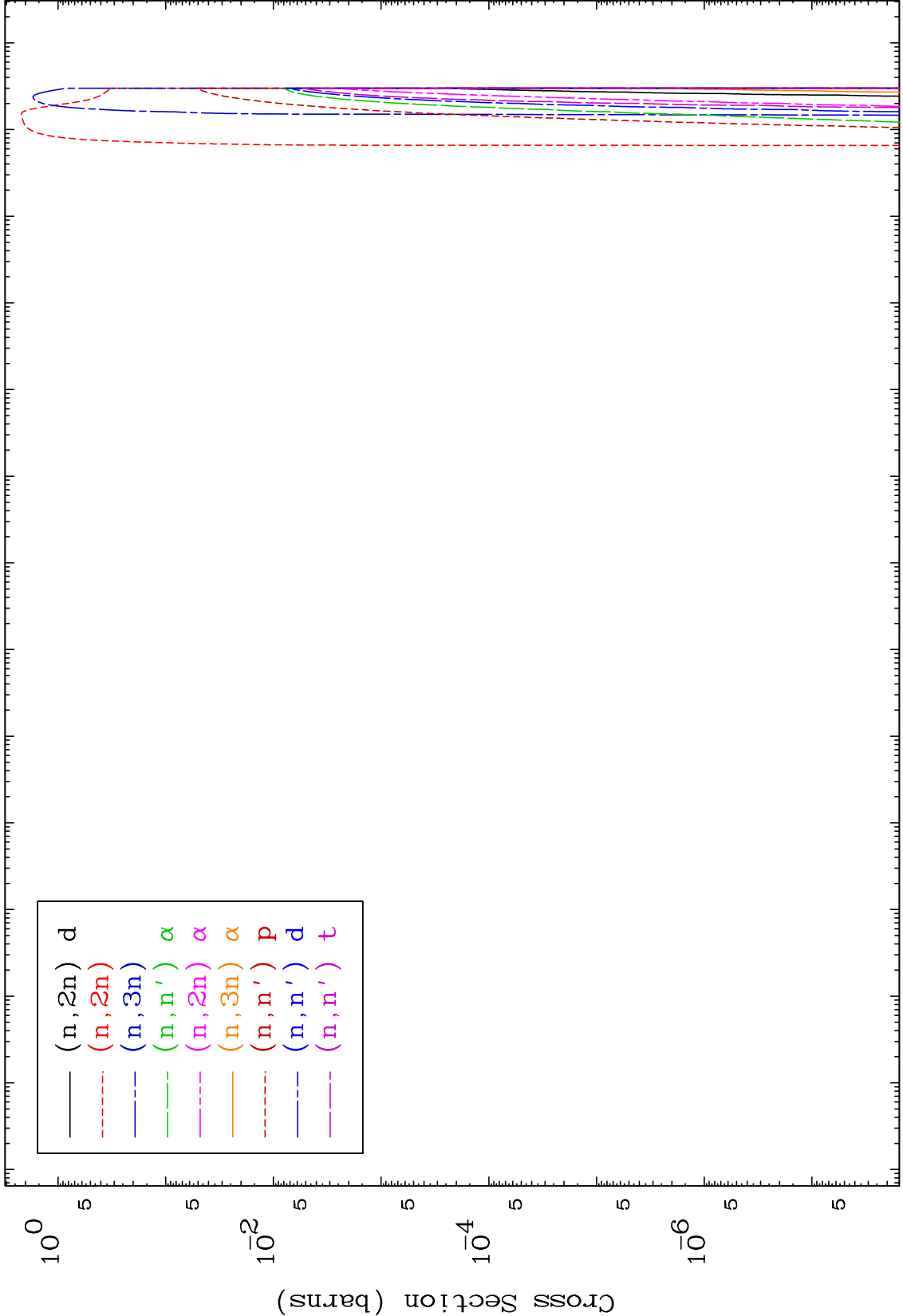
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

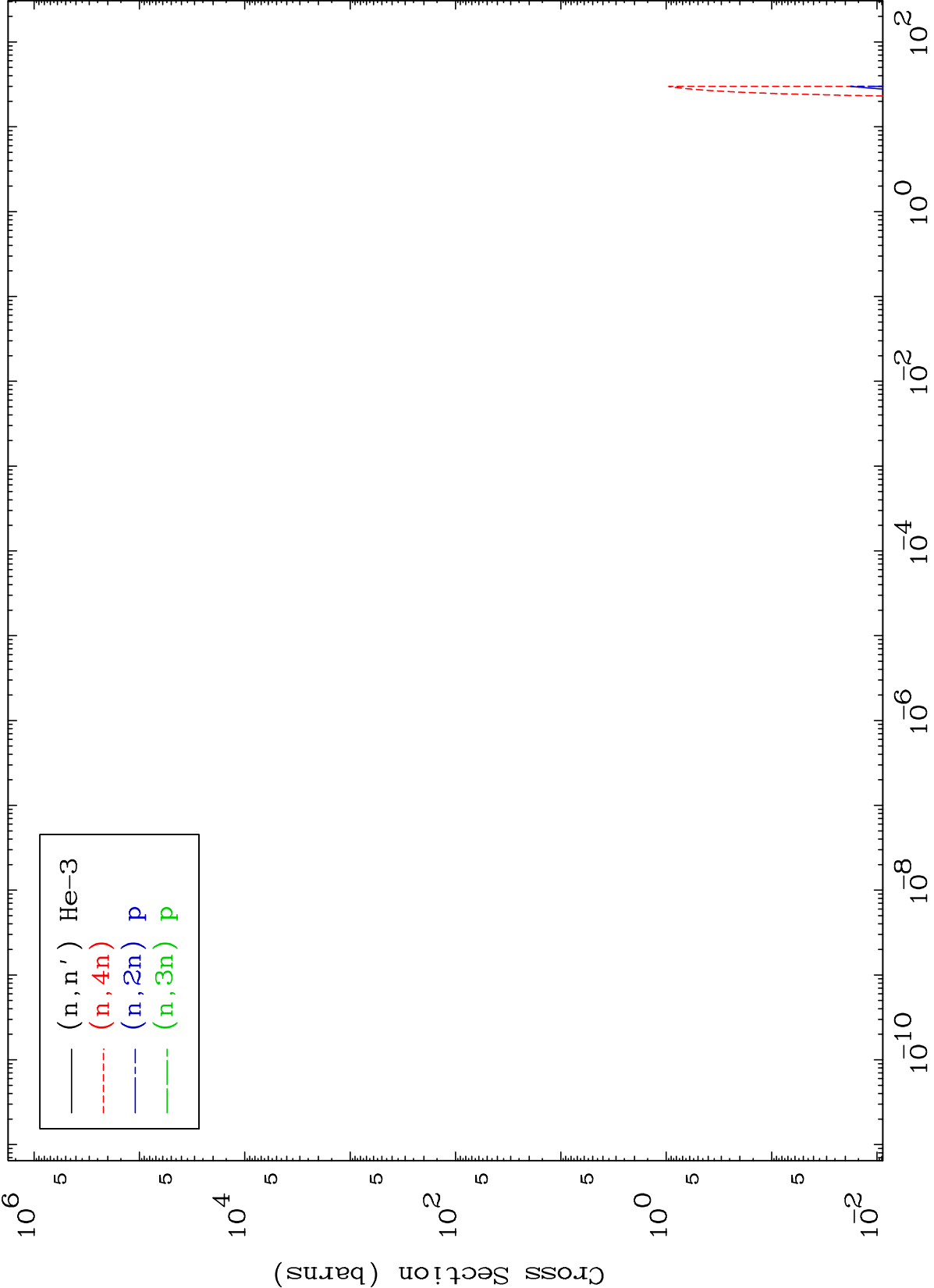
Tele: 925-443-1911

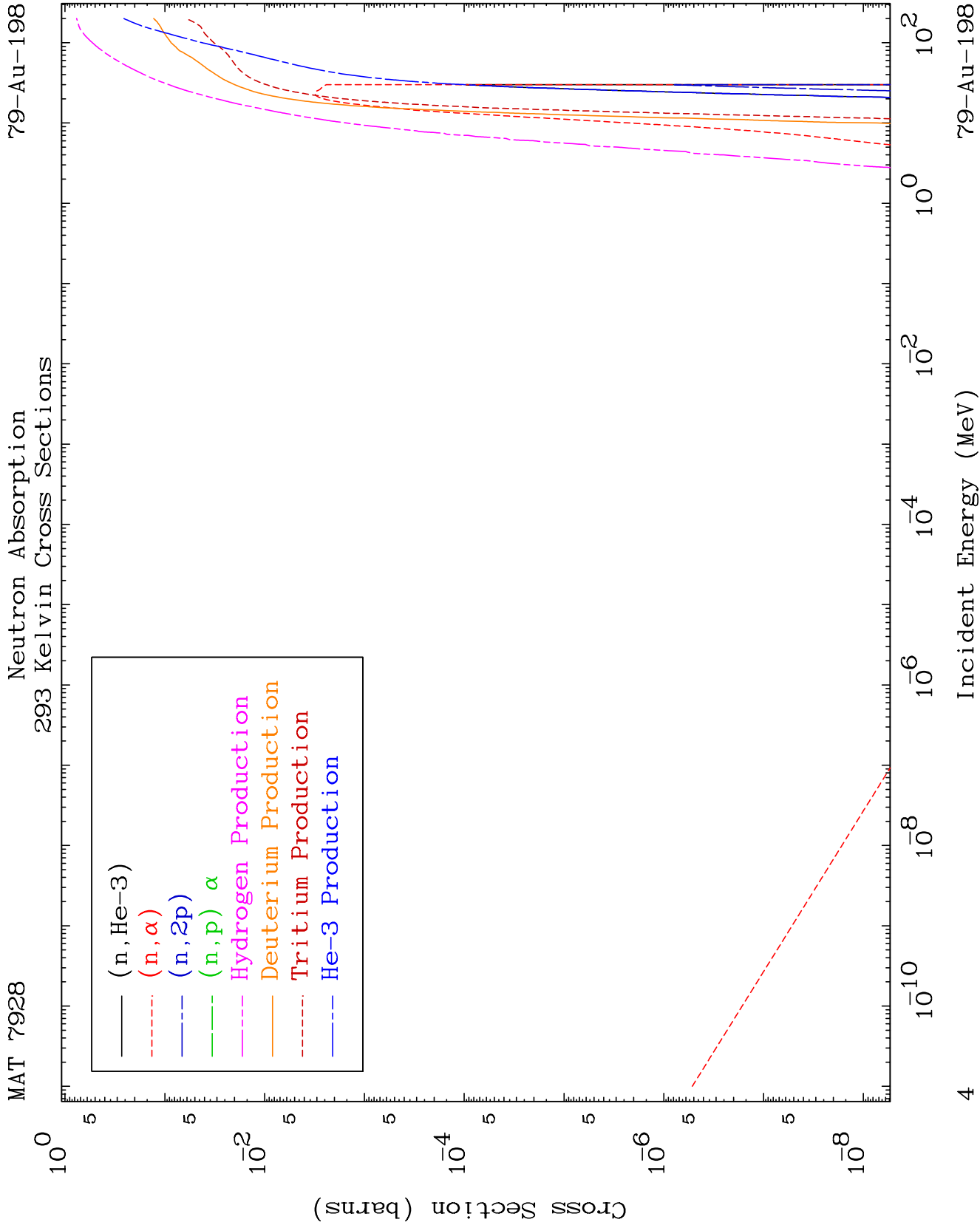
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





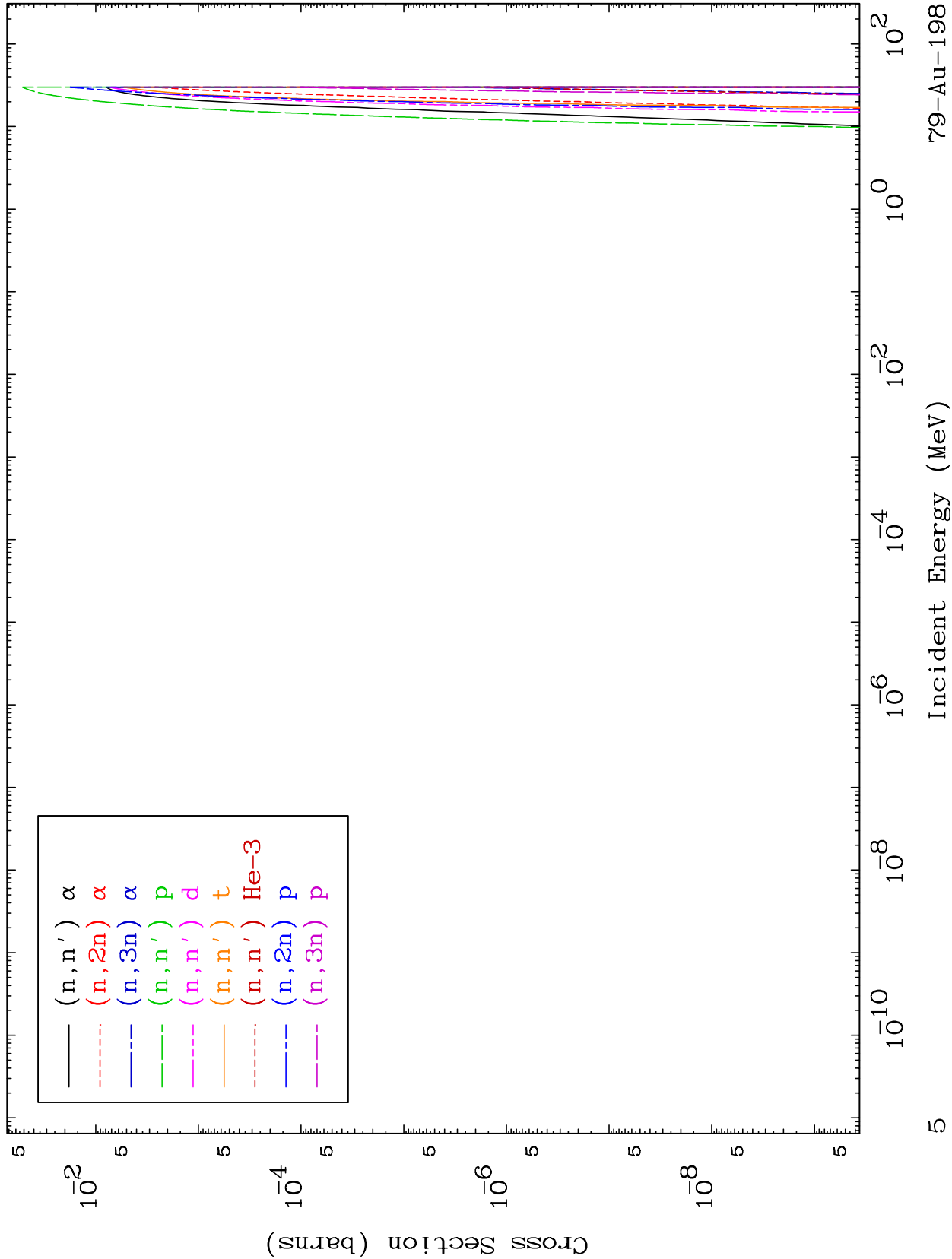


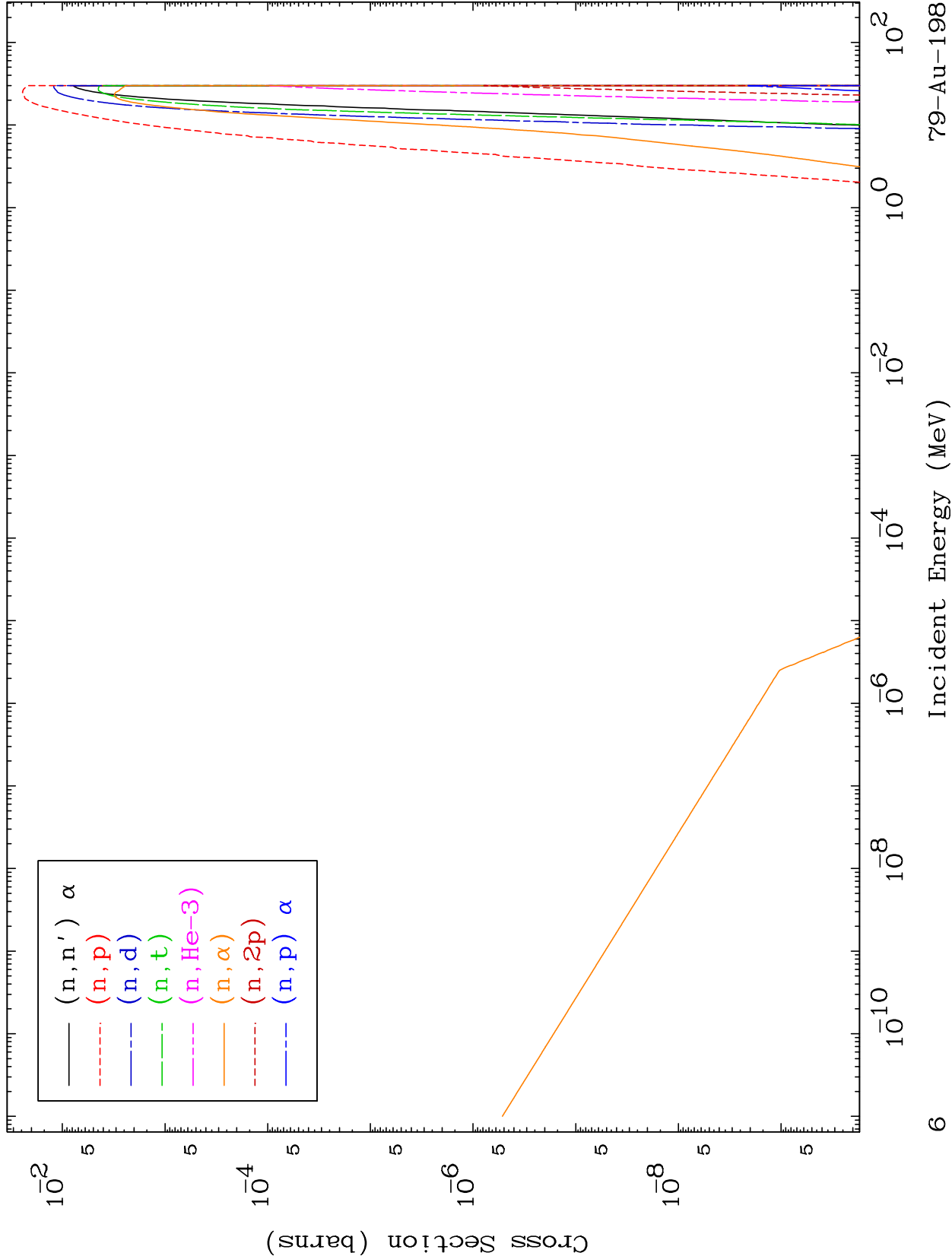


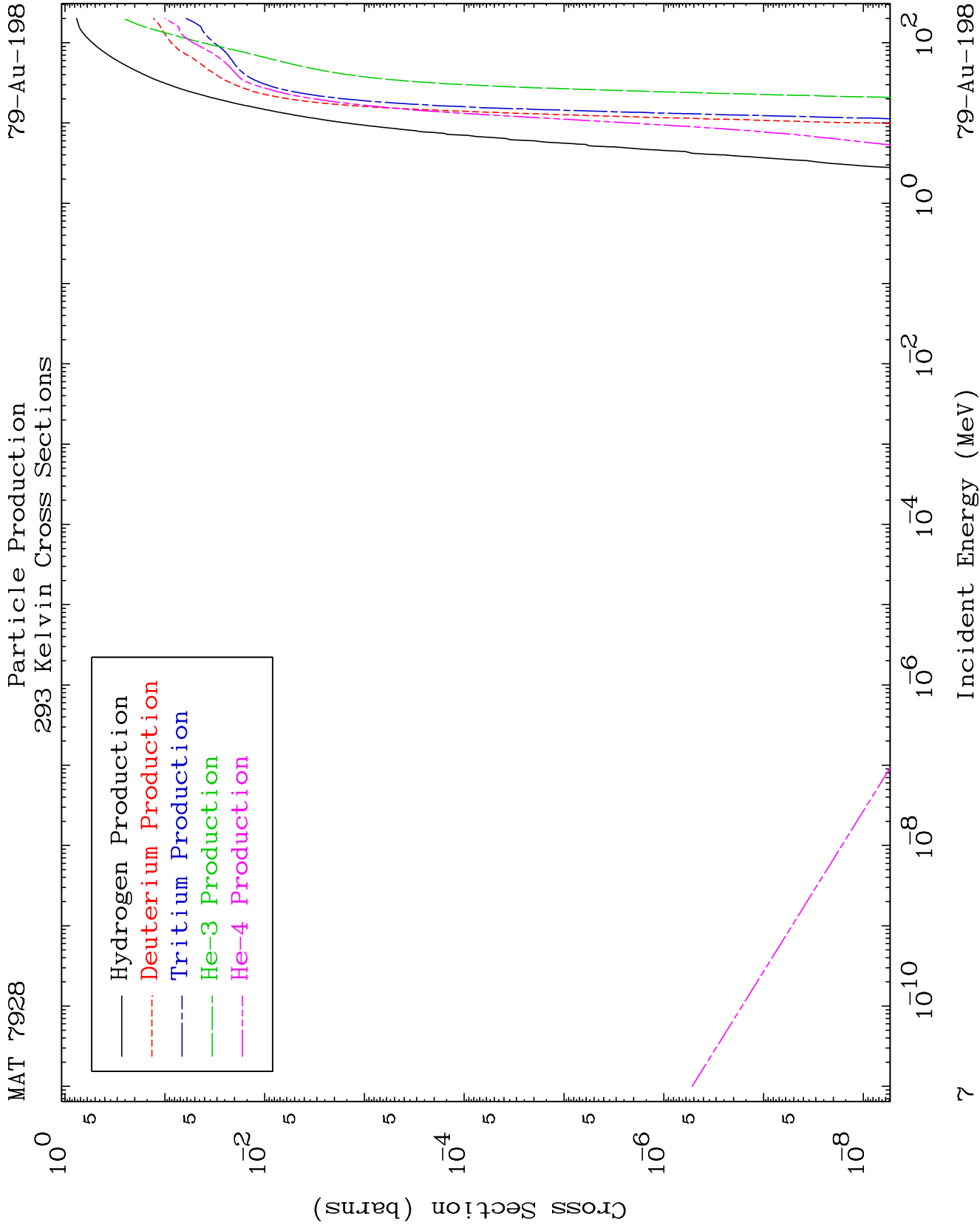
MAT 7928

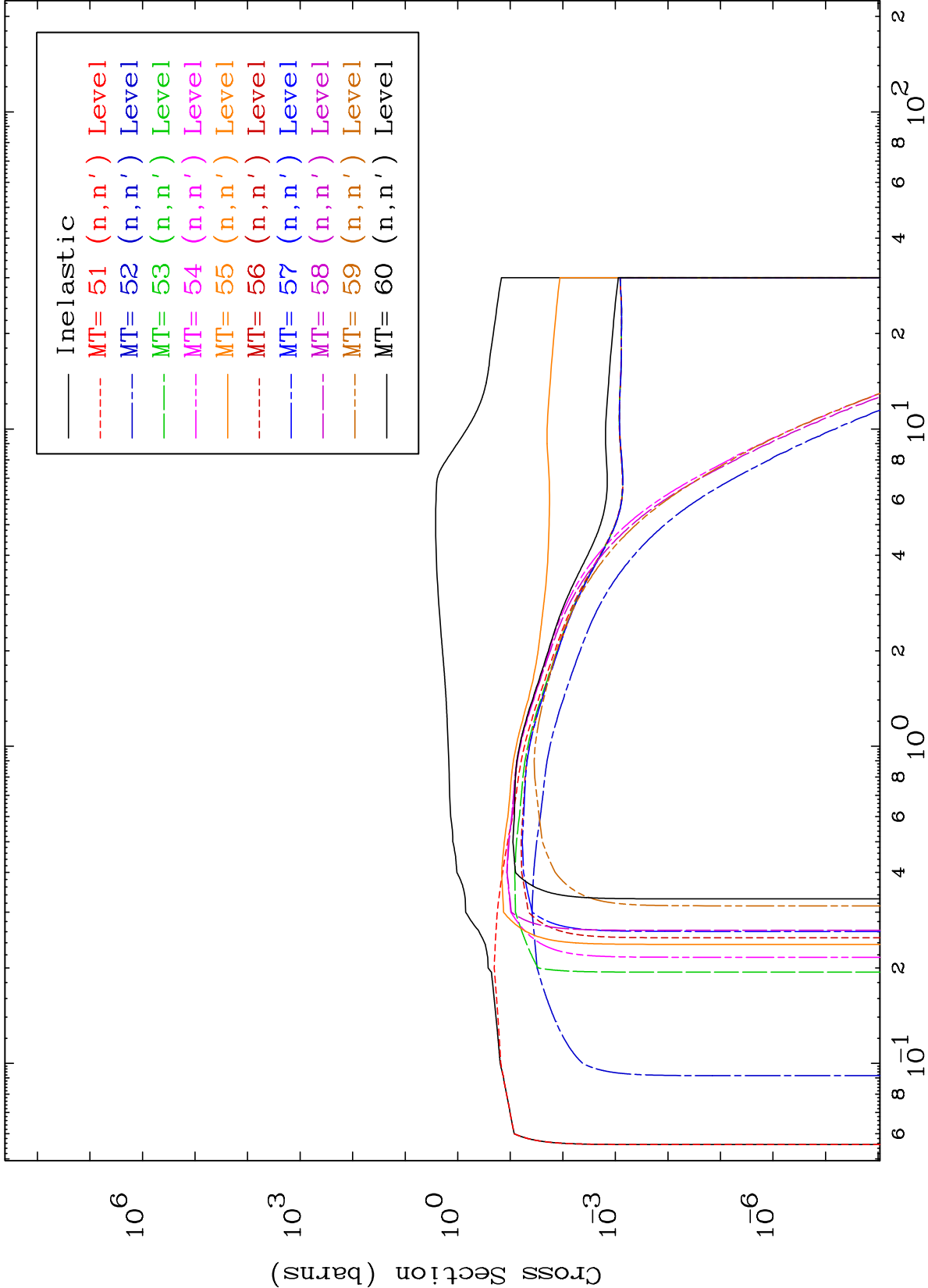
Charged Particle
293 Kelvin Cross Sections

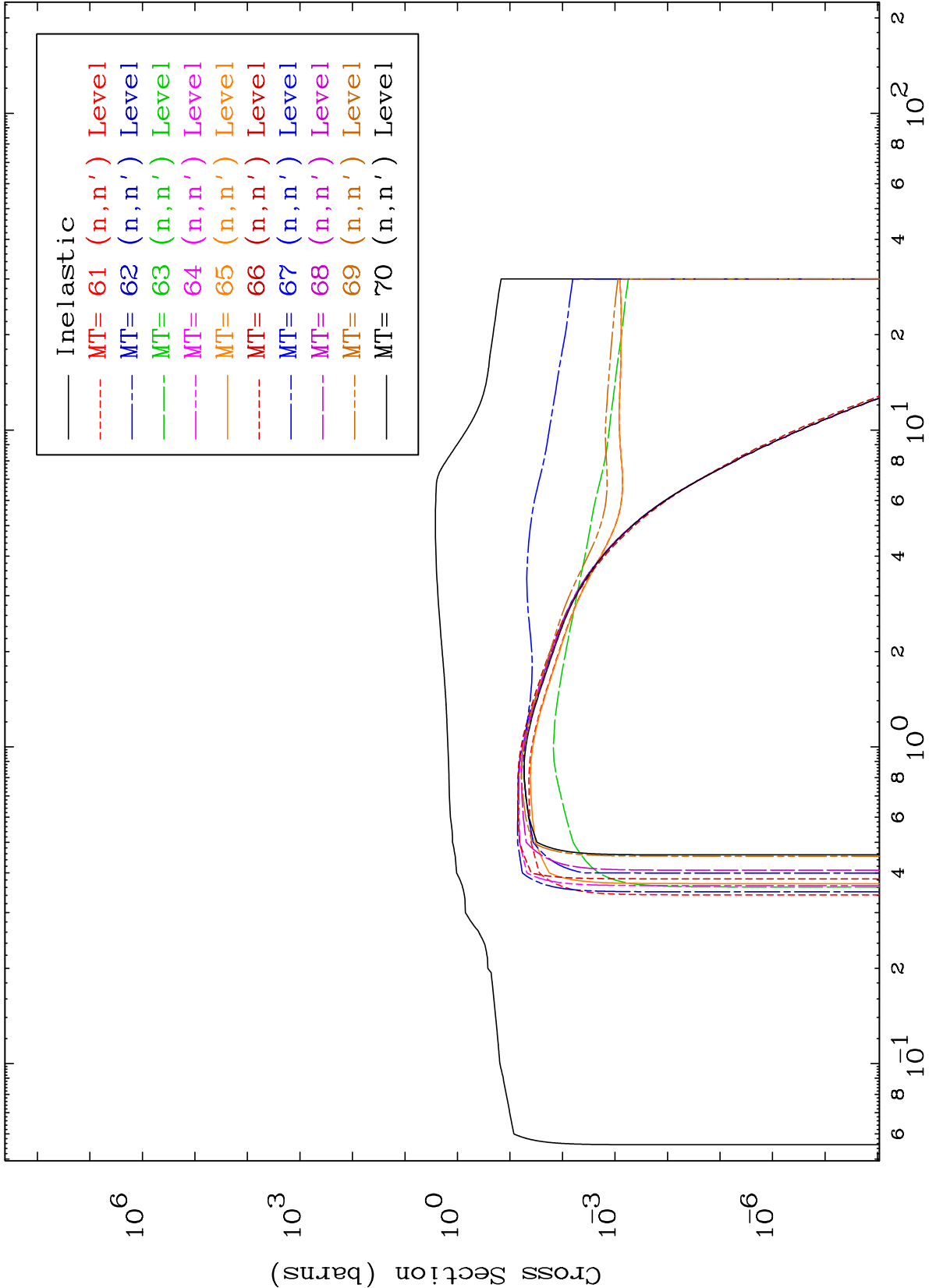
79-Au-198

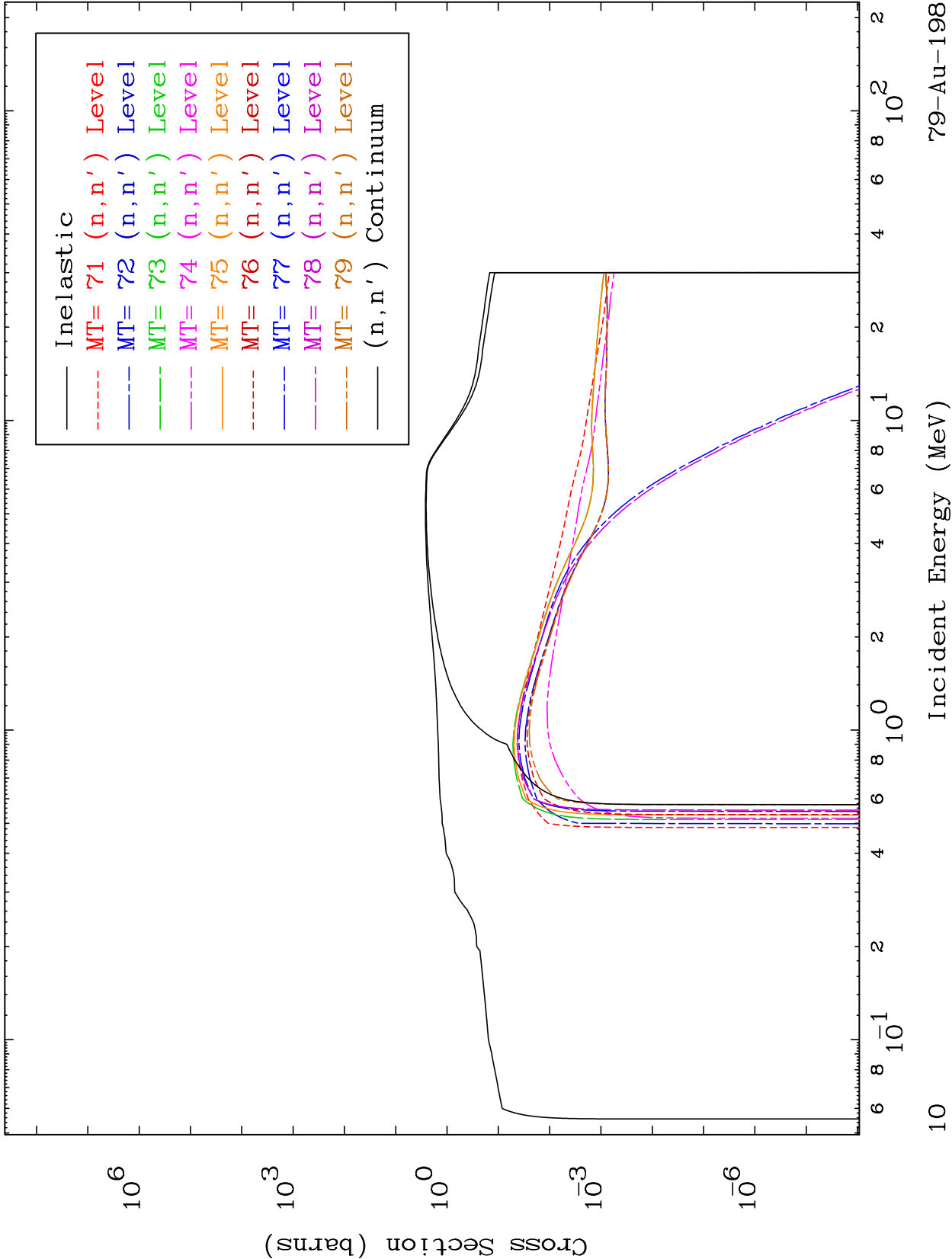








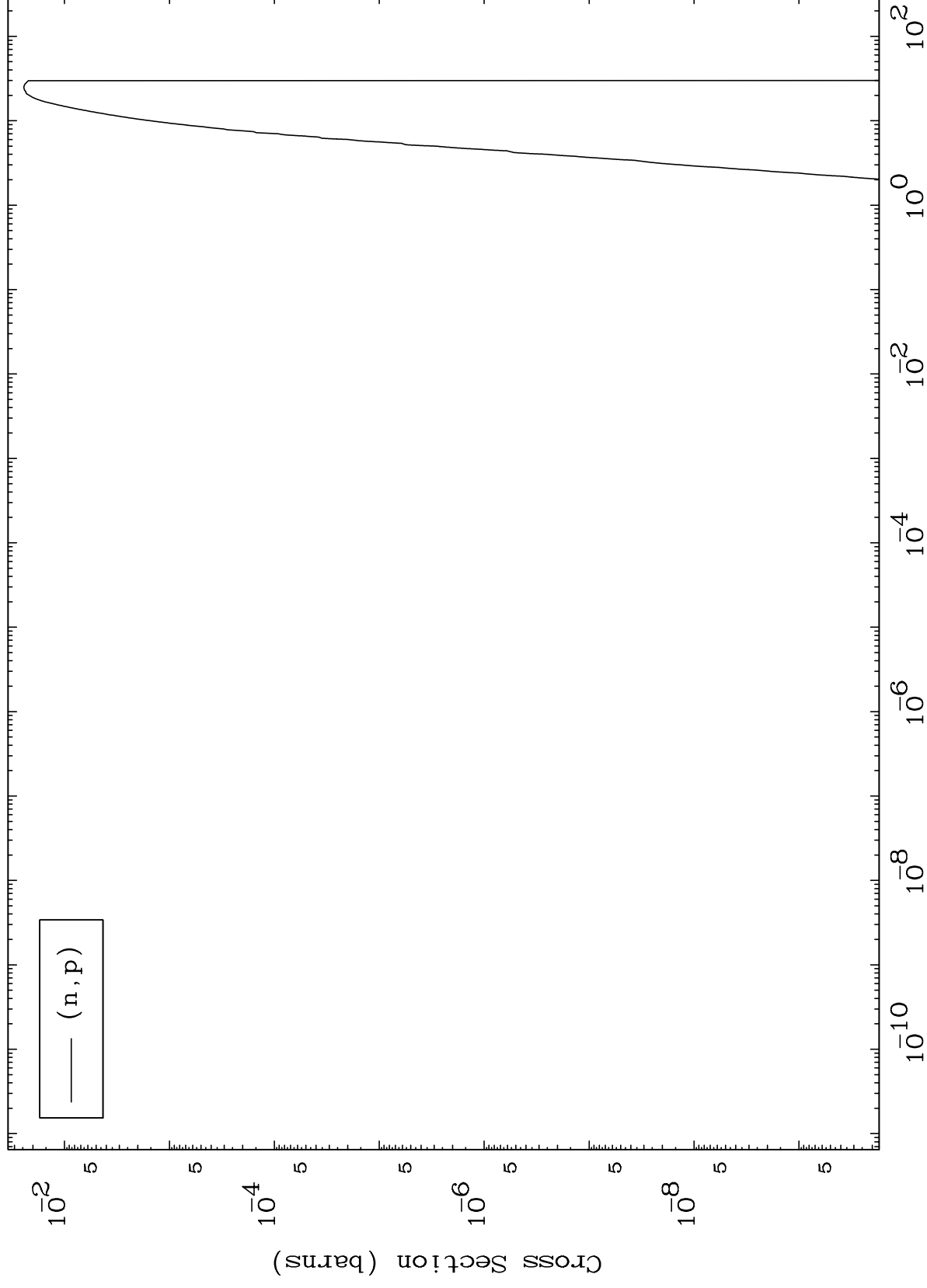




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(n,p) Levels
293 Kelvin Cross Sections

79-Au-198



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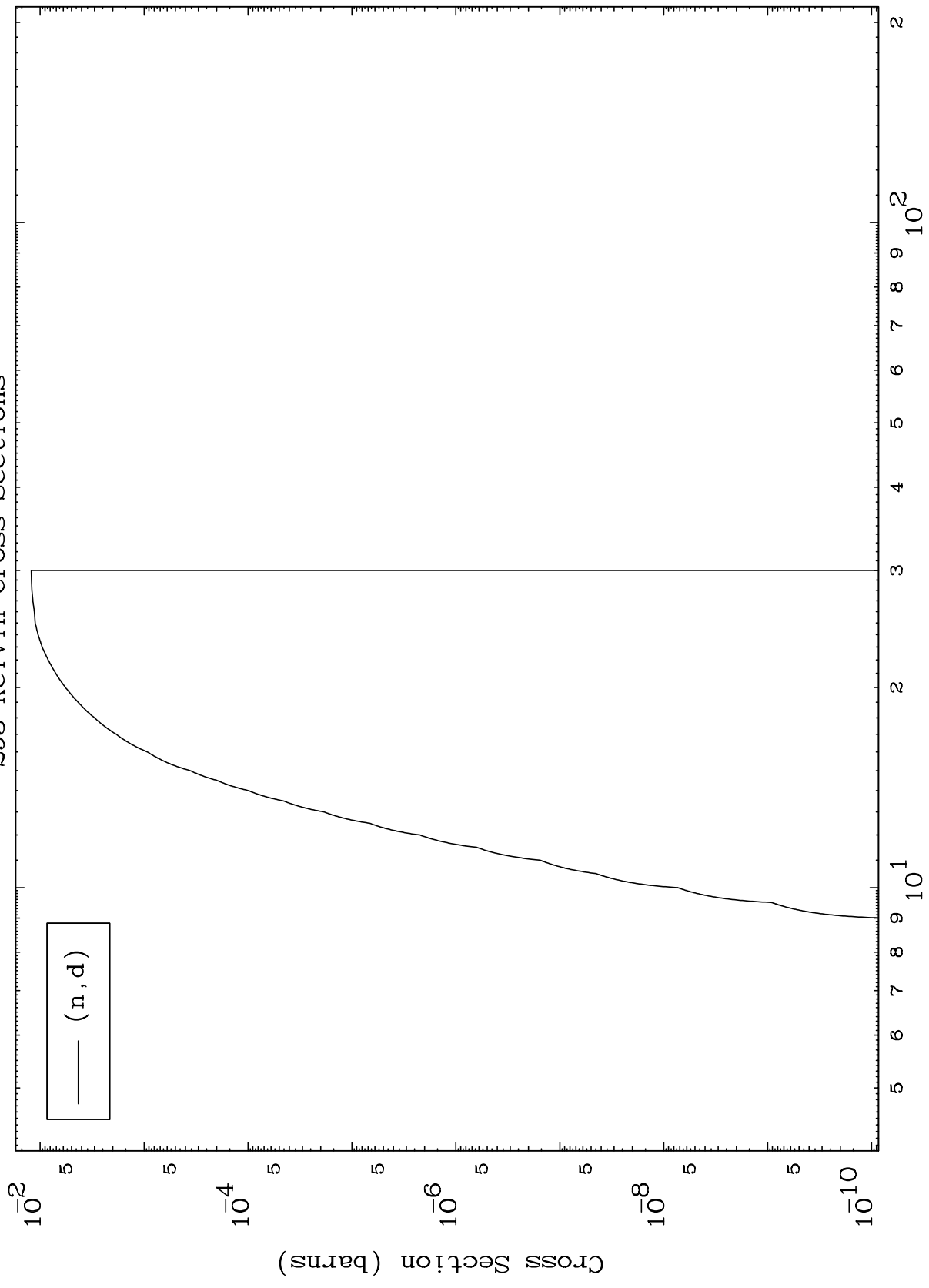
Incident Energy (MeV)

79-Au-198

MAT 7928

79-Au-198

(n,d) Levels
293 Kelvin Cross Sections



79-Au-198

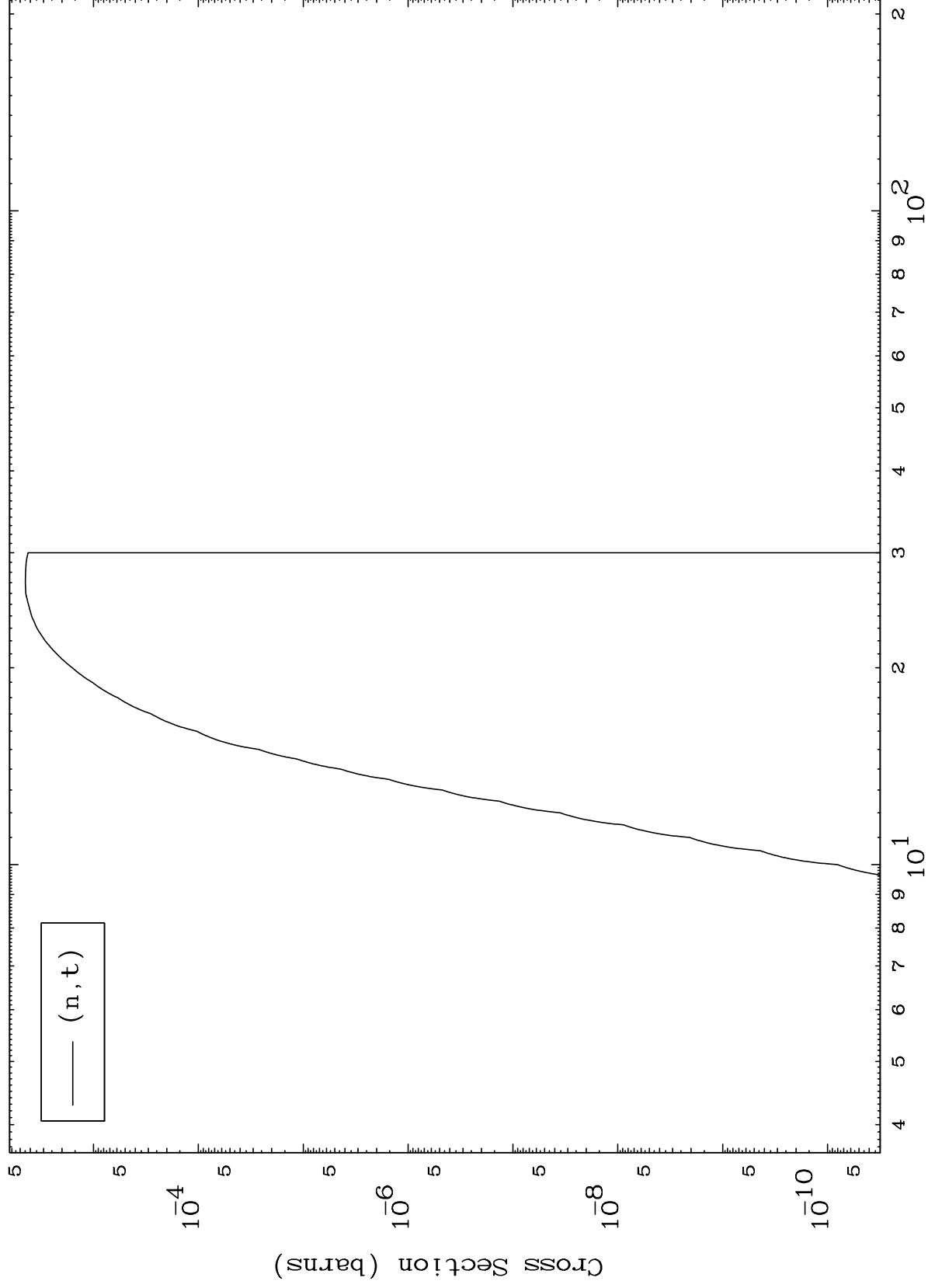
Incident Energy (MeV)

12

MAT 7928

79-Au-198

(n,t) Levels
293 Kelvin Cross Sections



13

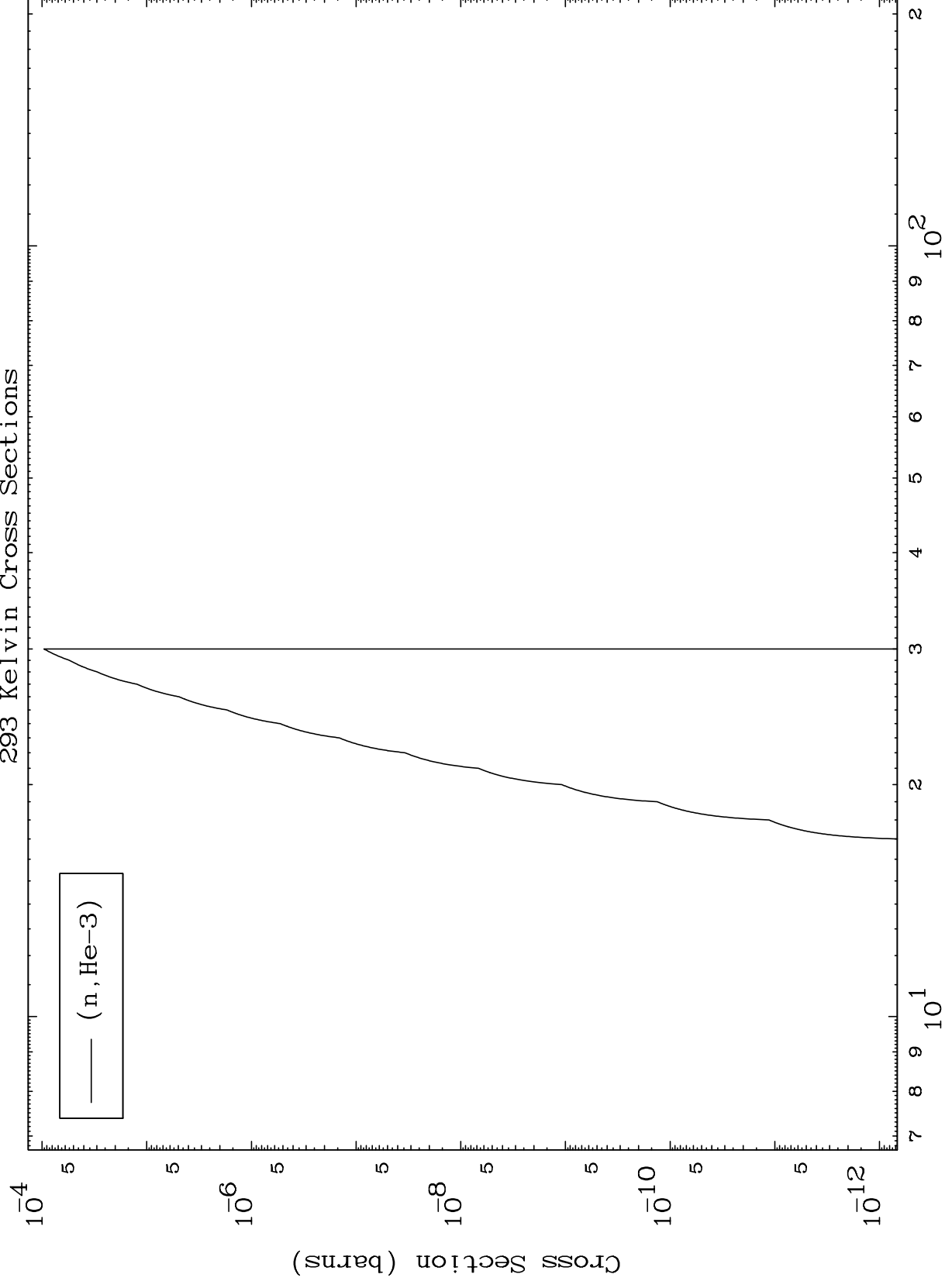
Incident Energy (MeV)

79-Au-198

MAT 7928

79-Au-198

(n, He3) Levels
293 Kelvin Cross Sections



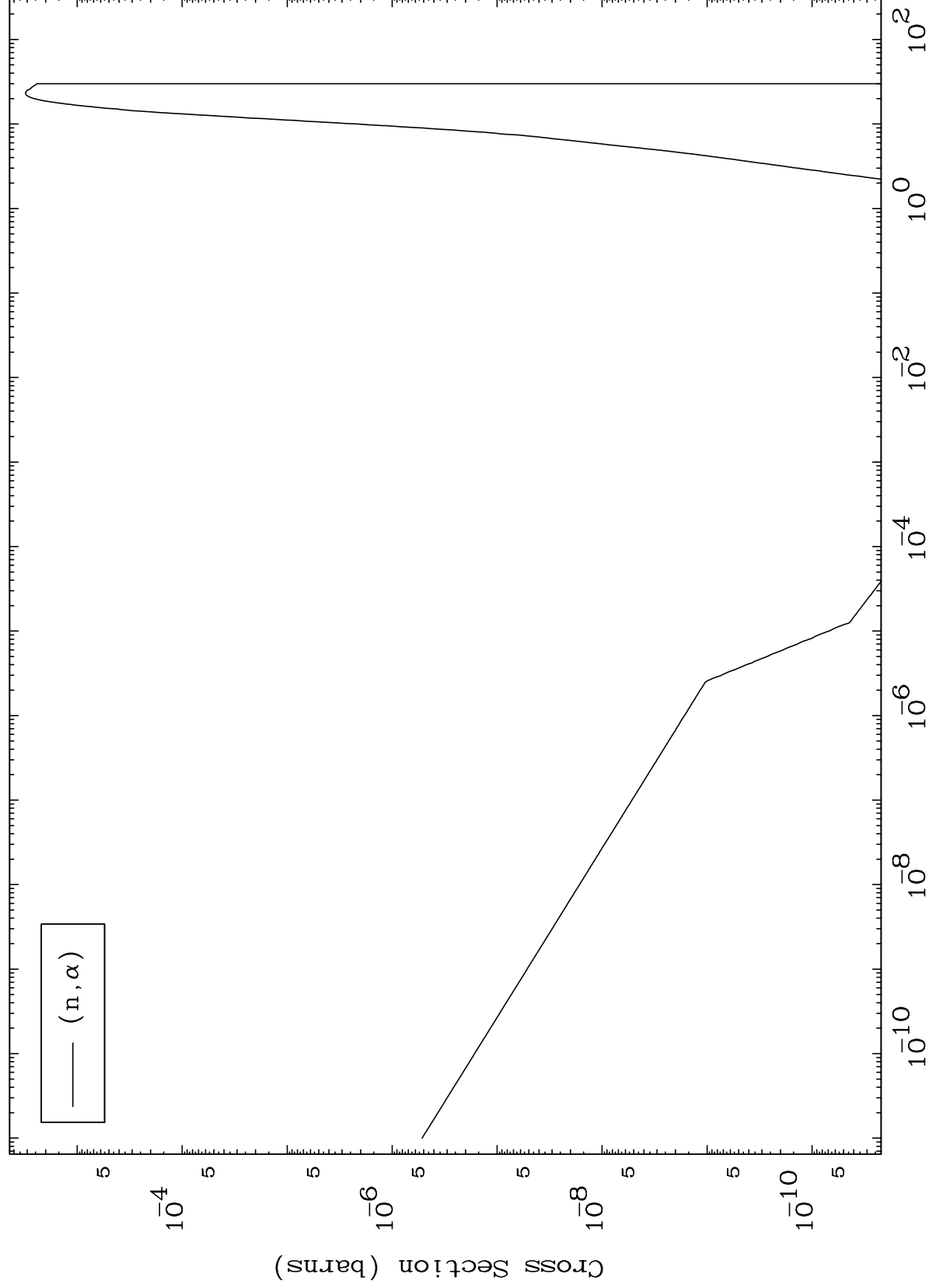
79-Au-198

Incident Energy (MeV)

MAT 7928

(n, α) Levels
293 Kelvin Cross Sections

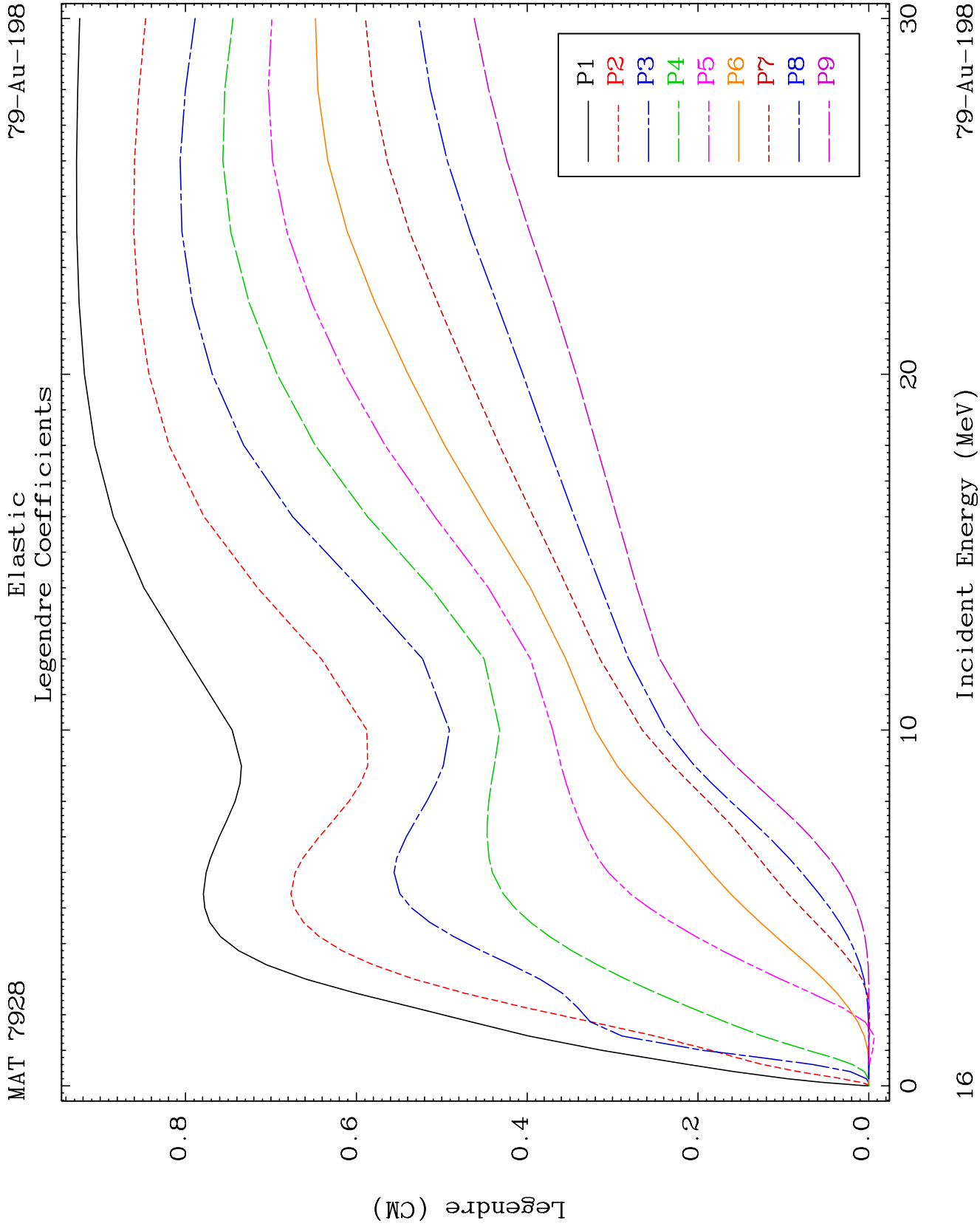
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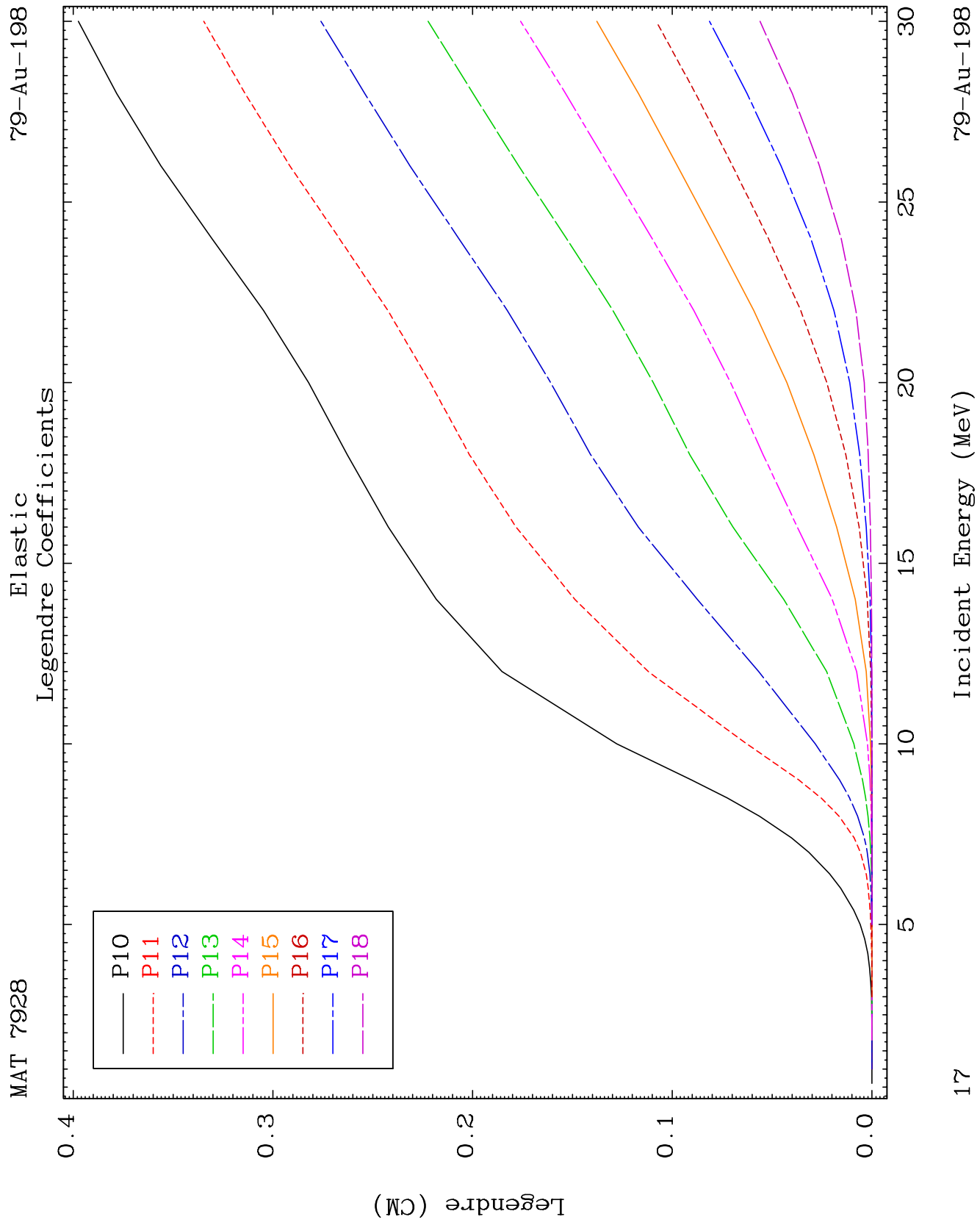


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Incident Energy (MeV)

79-Au-198

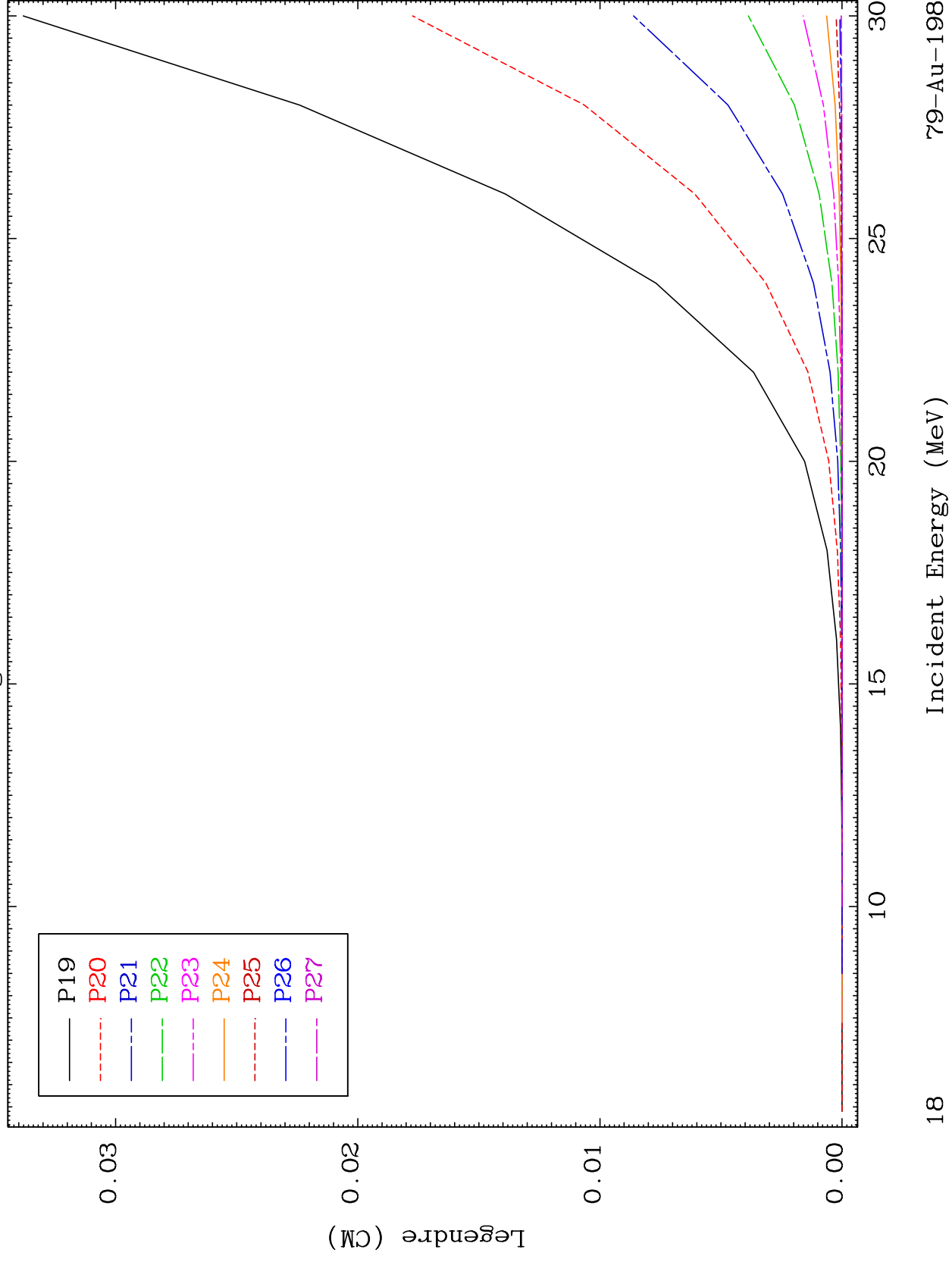


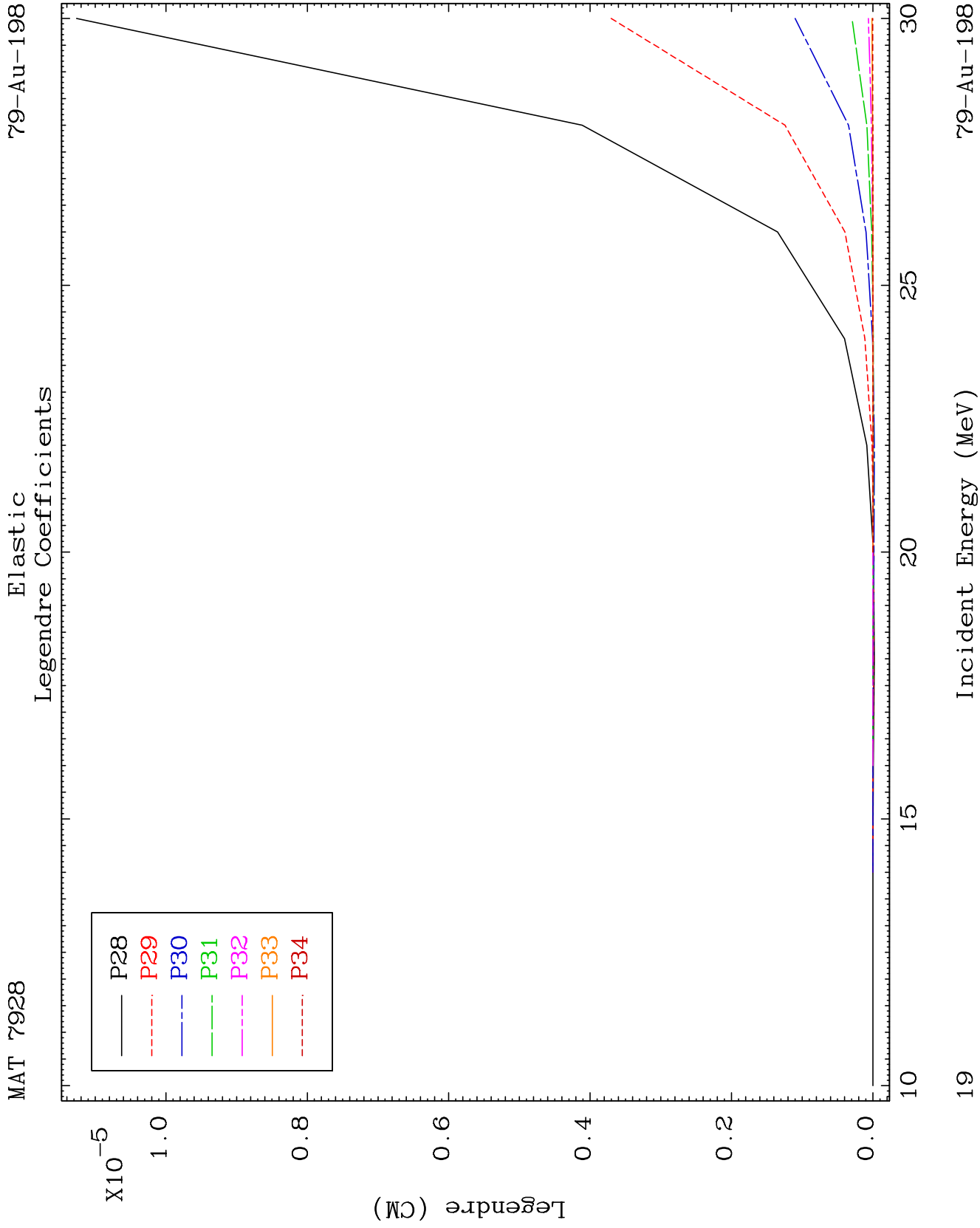


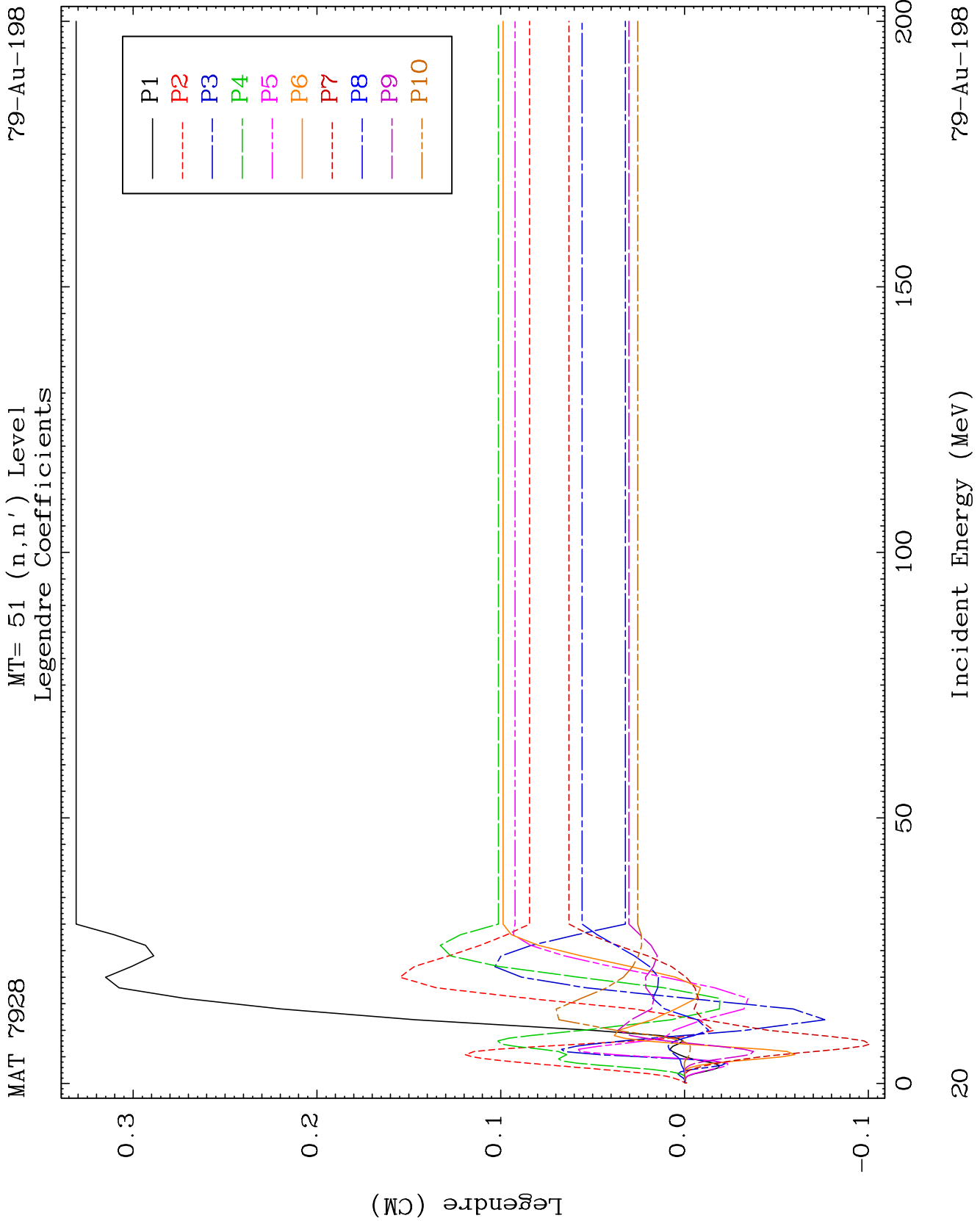
MAT 7928

Elastic Legendre Coefficients

79-Au-198



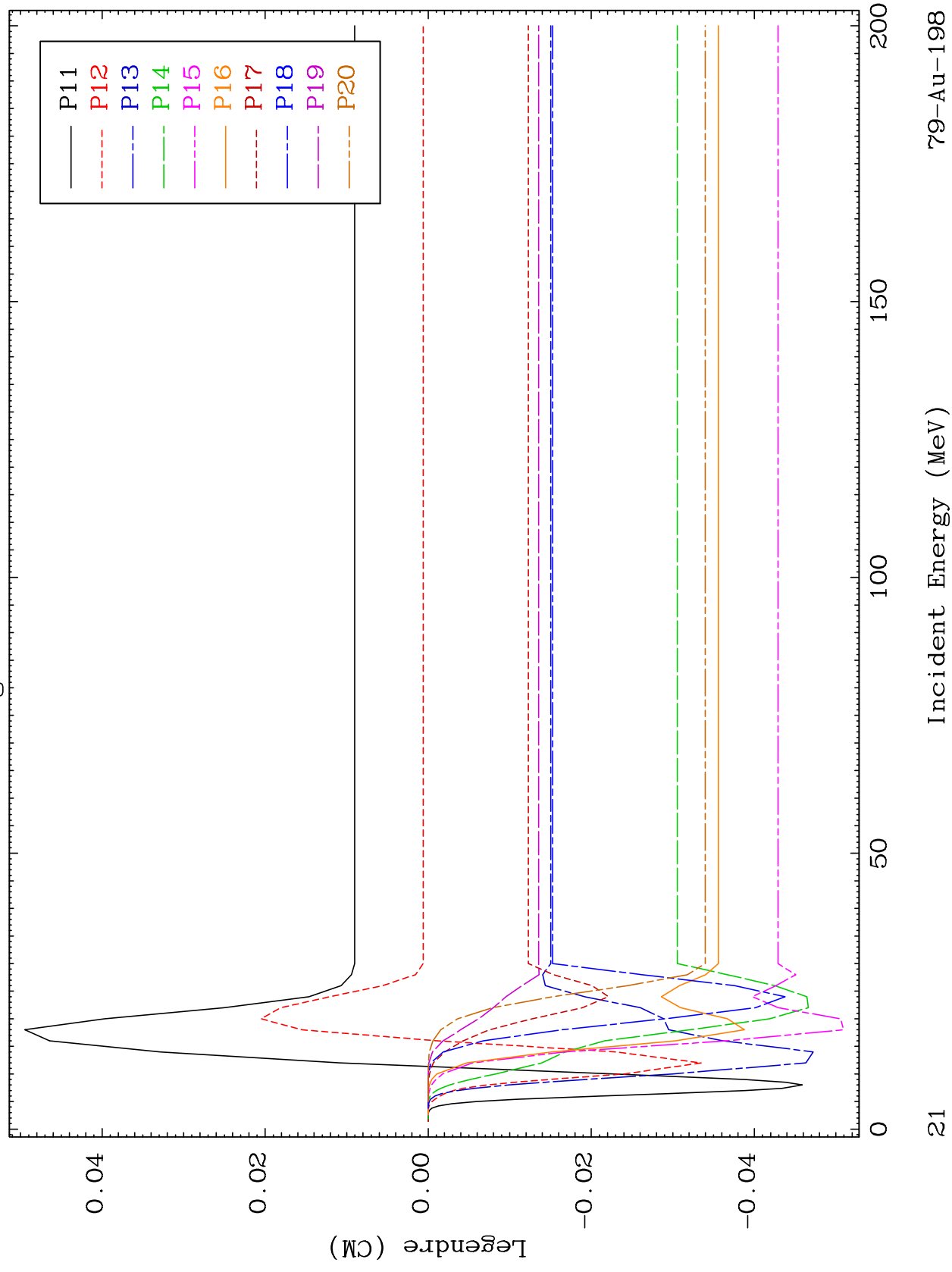


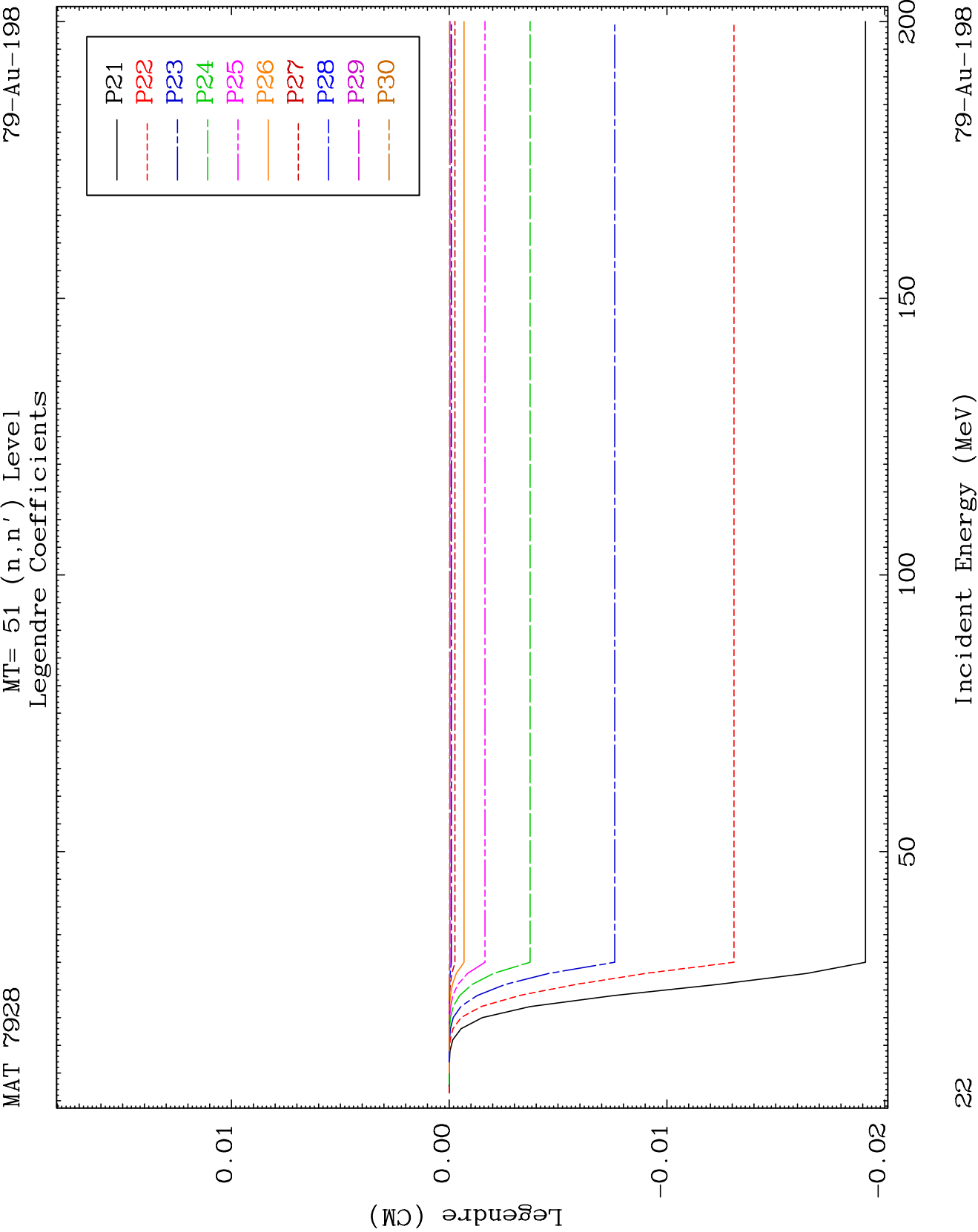


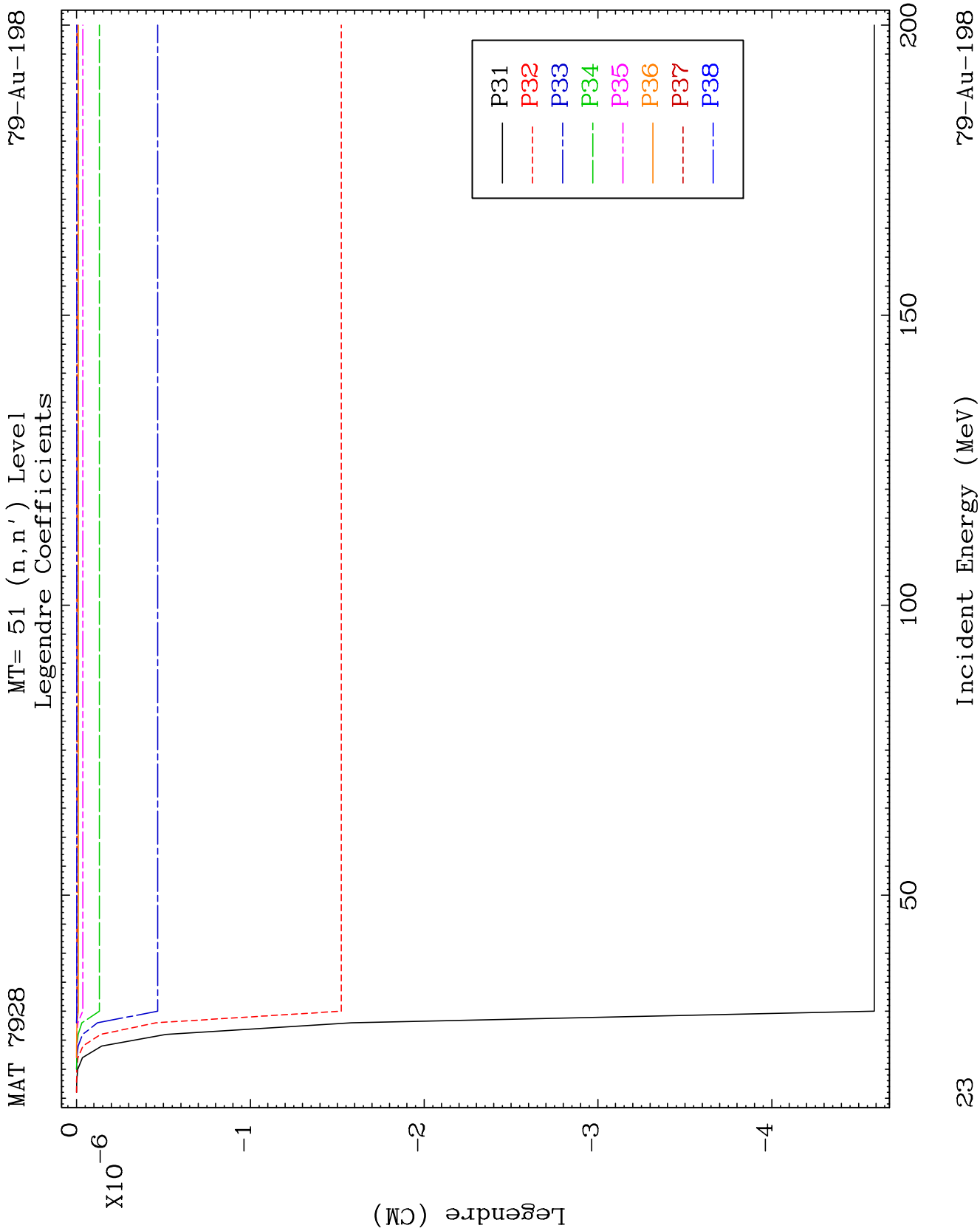
MAT 7928

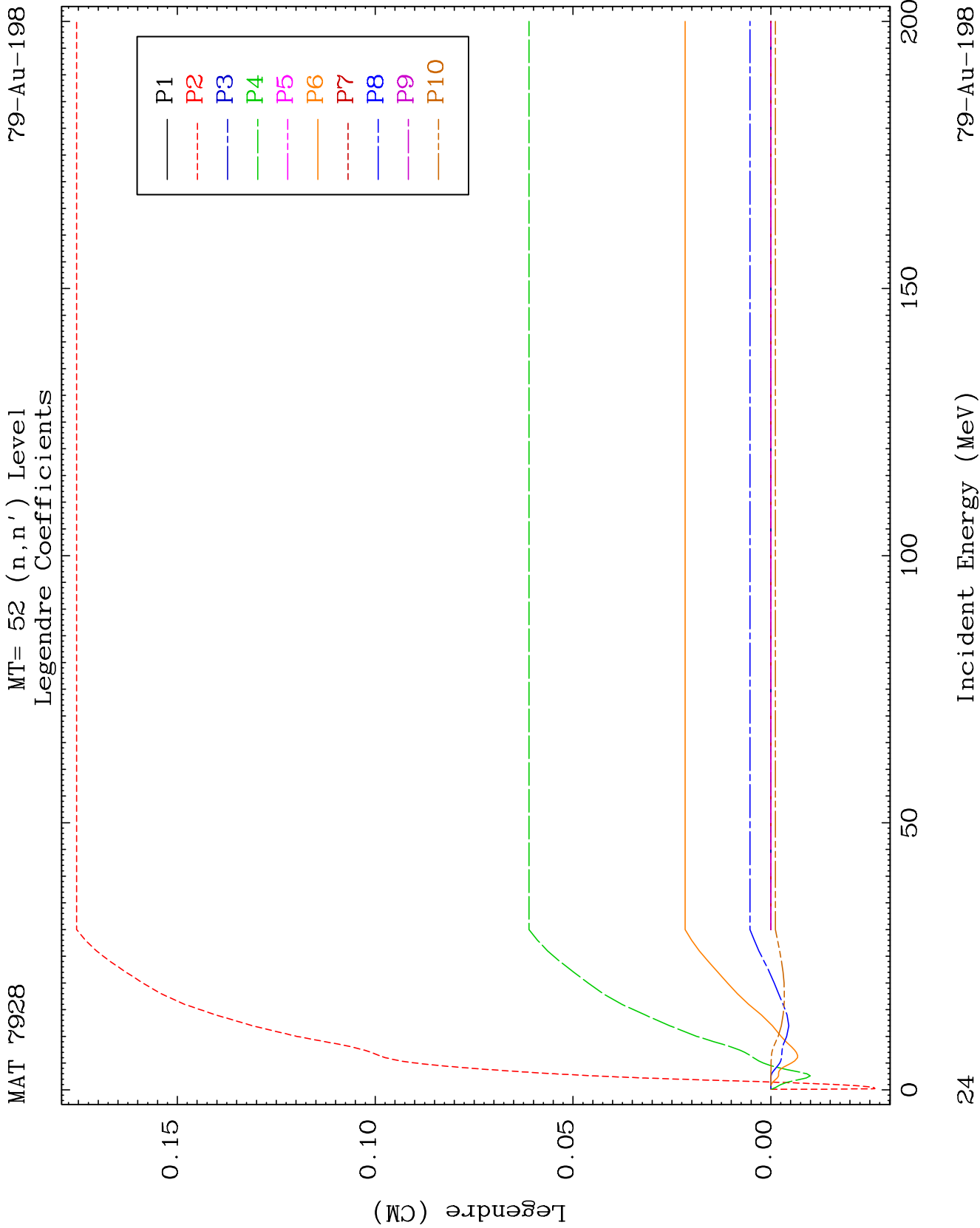
MT= 51 (n, n') Level
Legendre Coefficients

79-Au-198





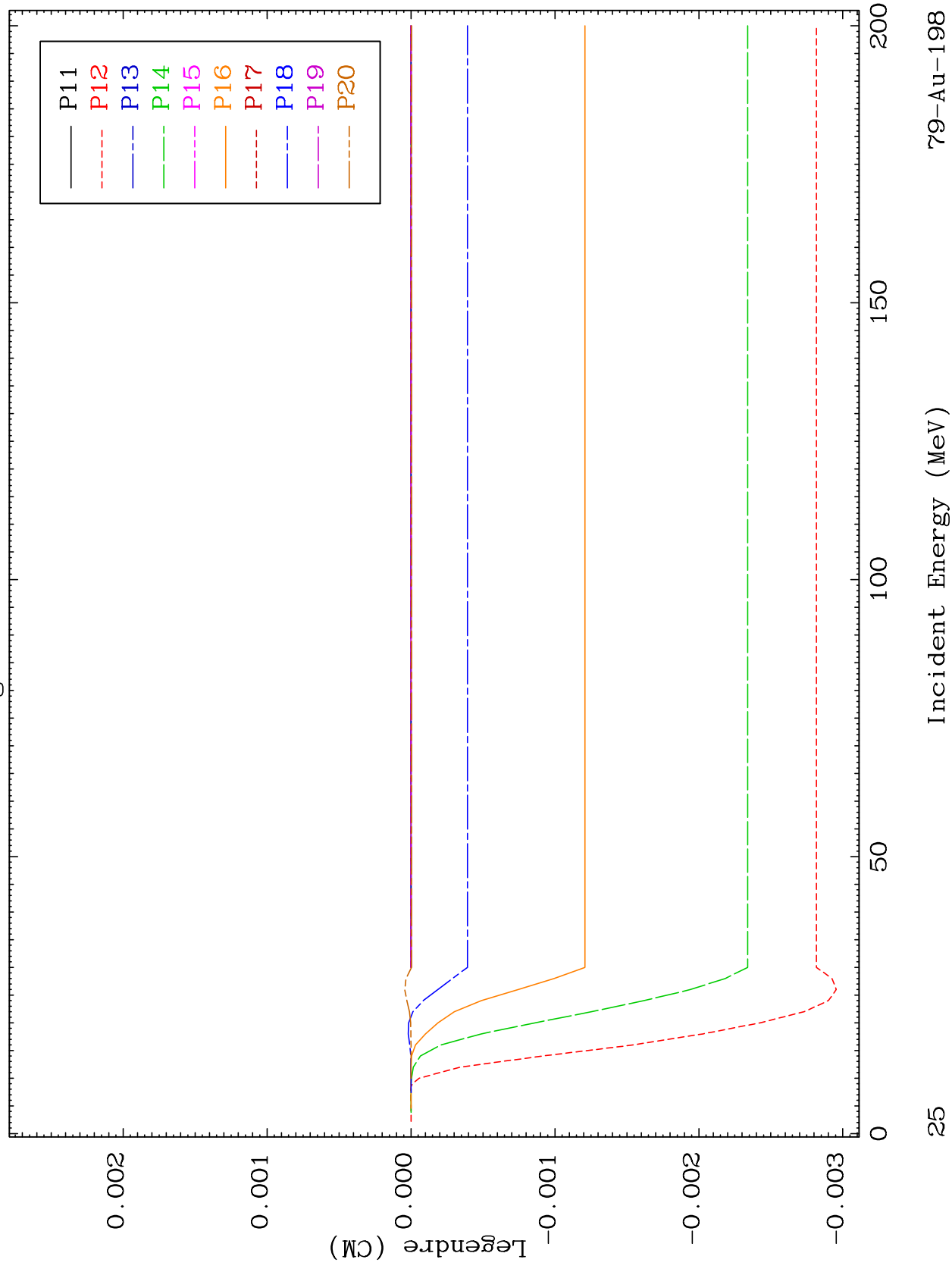


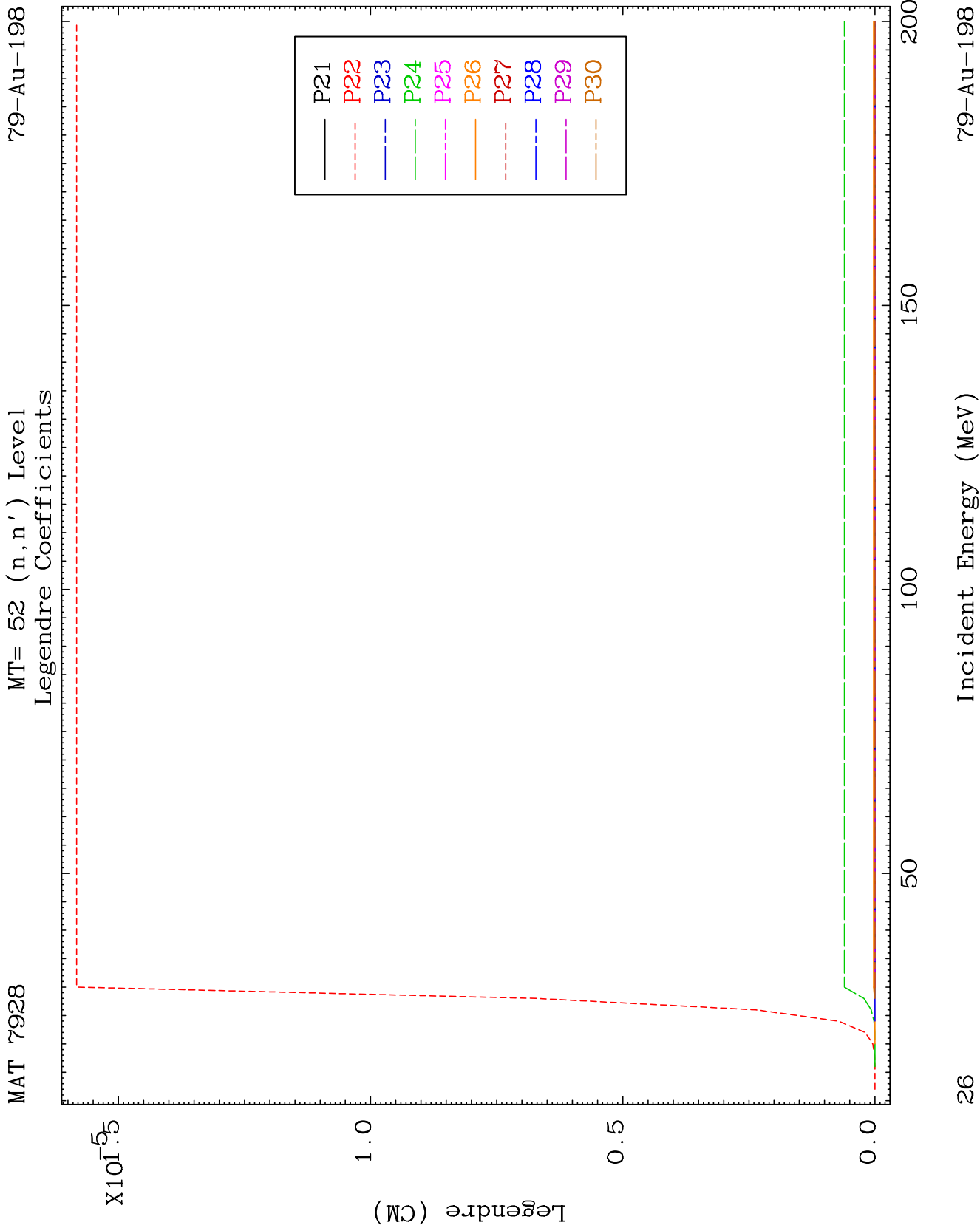


MAT 7928

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

79-Au-198



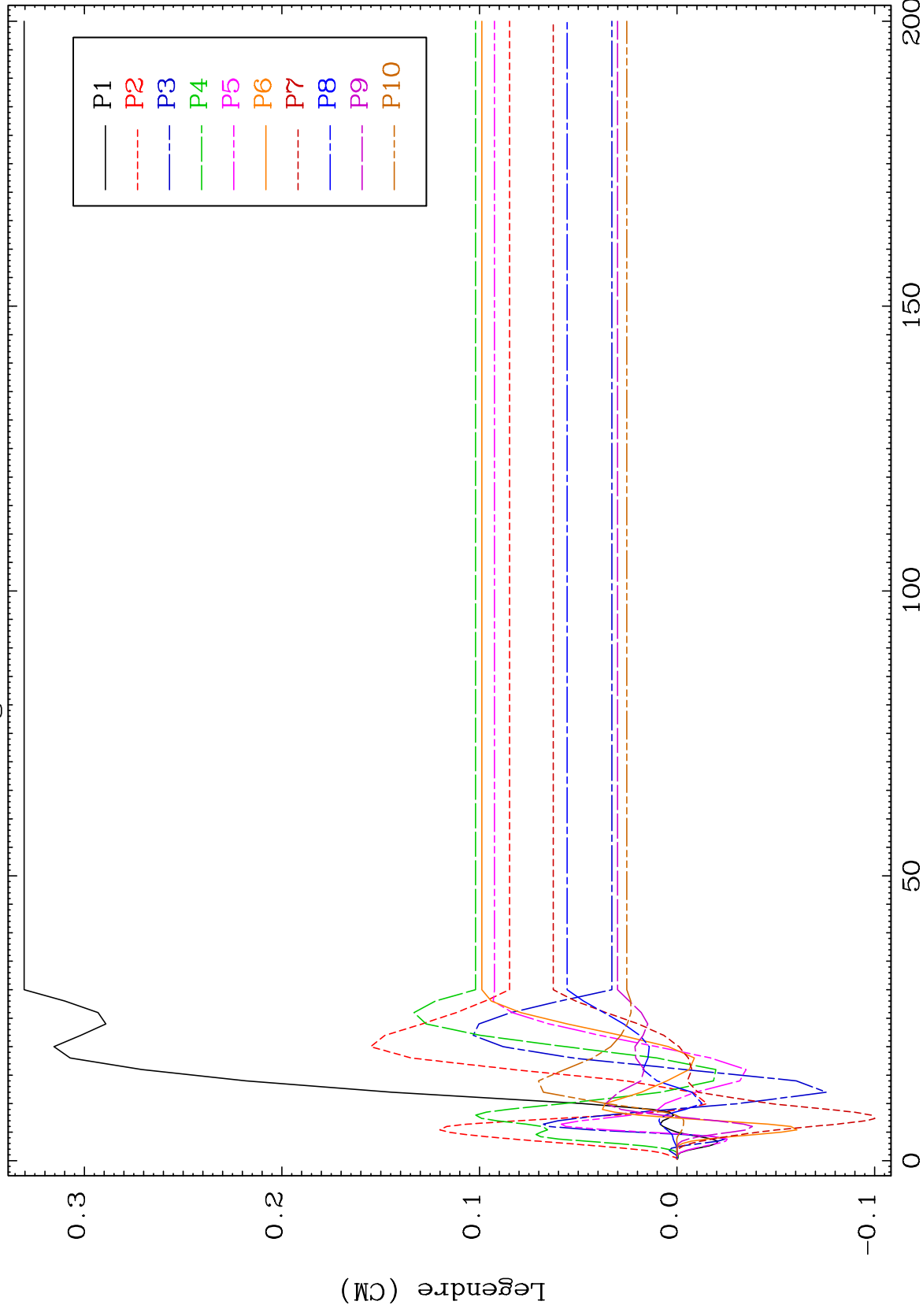


MAT 7928

MT= 53 (n, n') Level

79-Au-198

Legendre Coefficients



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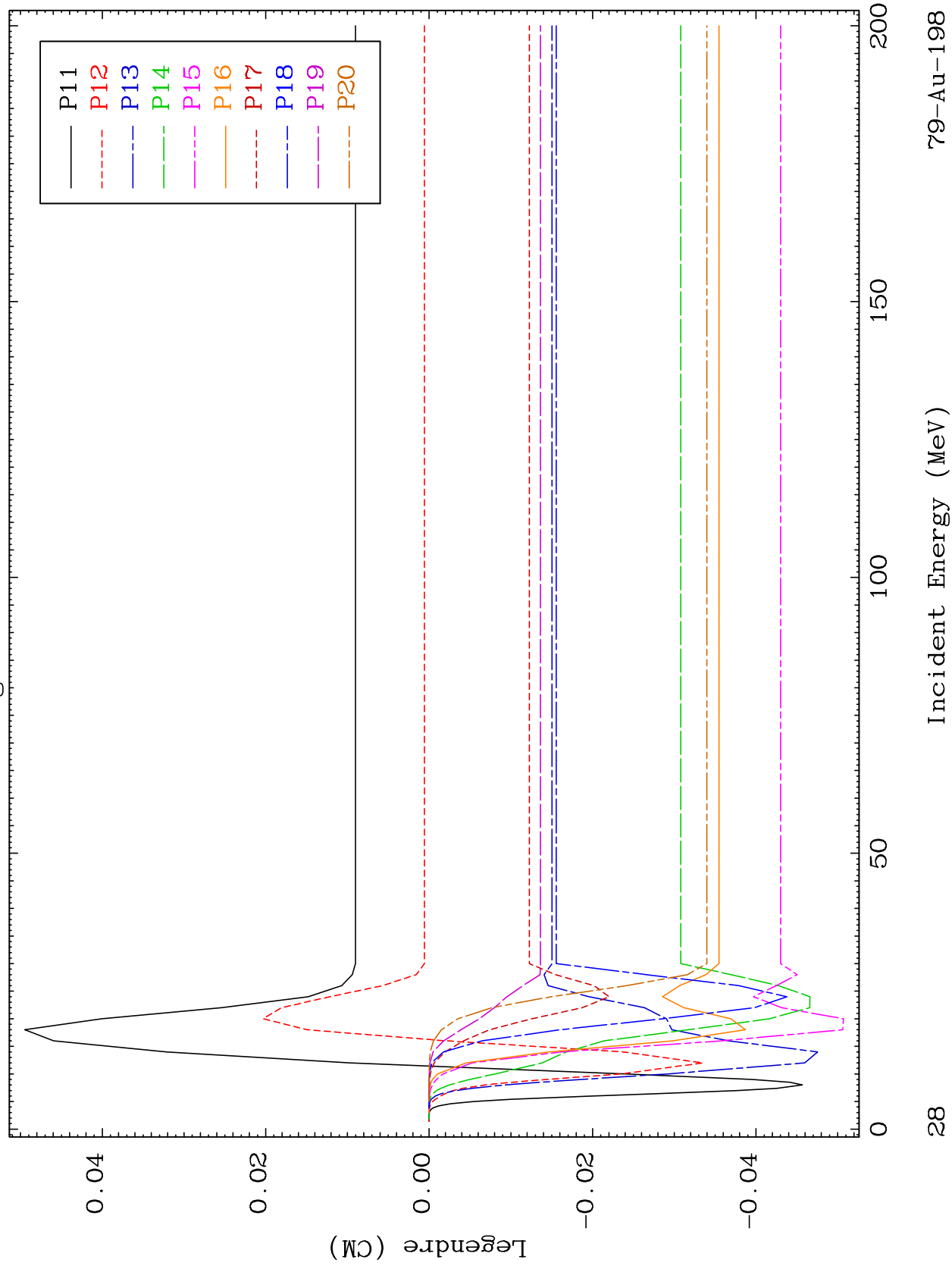
Incident Energy (MeV)

79-Au-198

MAT 7928

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

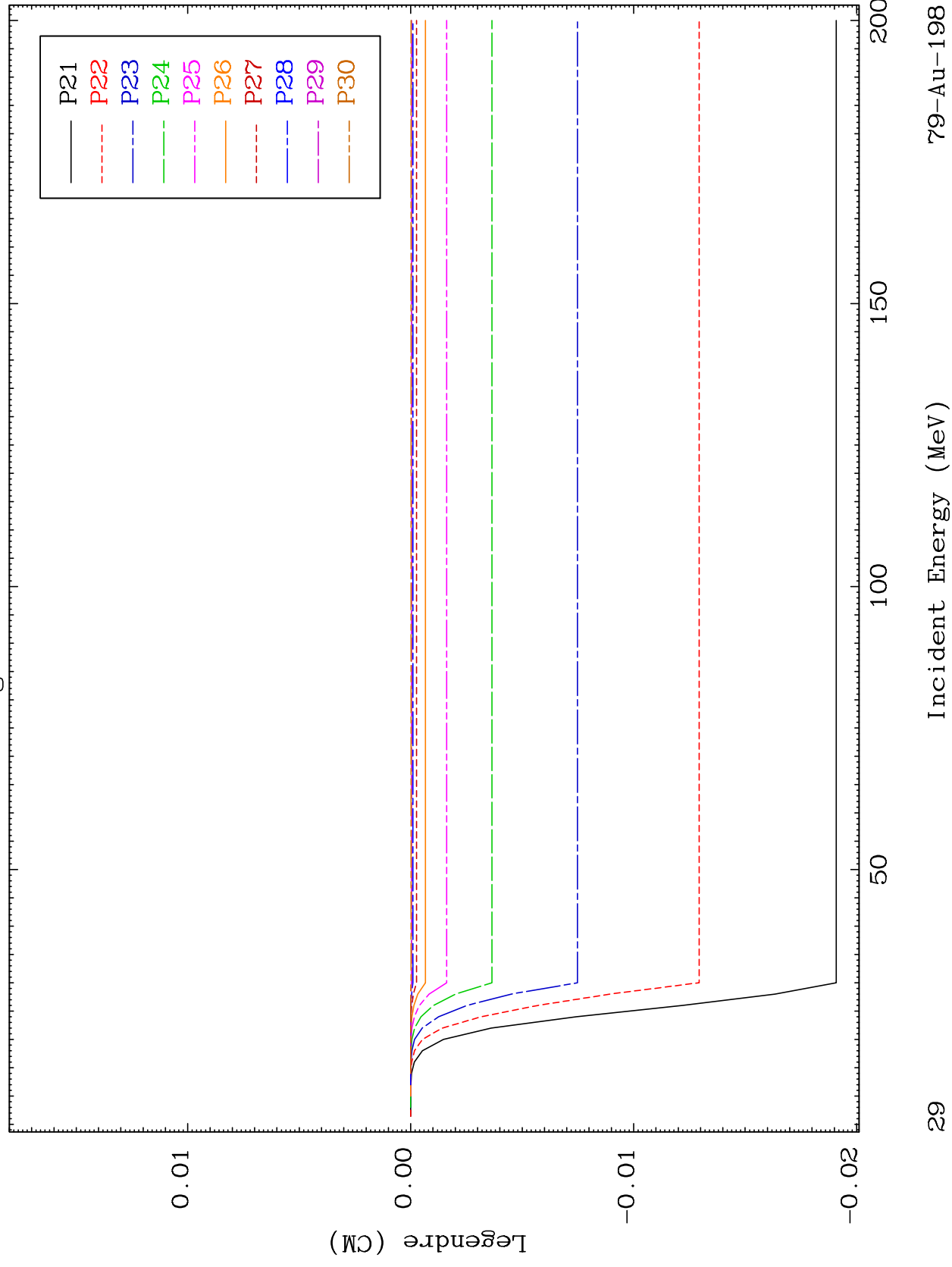
79-Au-198



MAT 7928

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

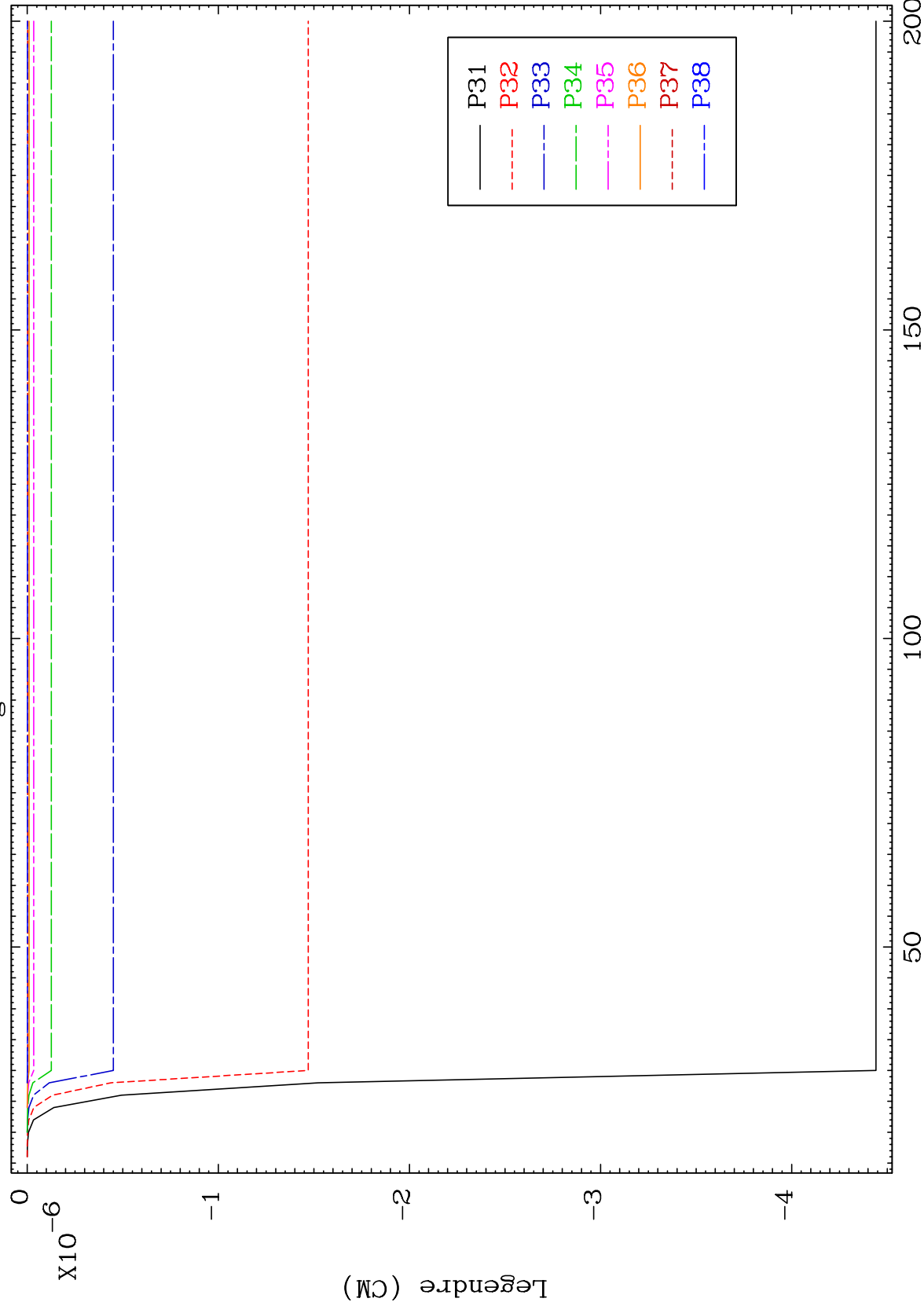
79-Au-198



MAT 7928

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

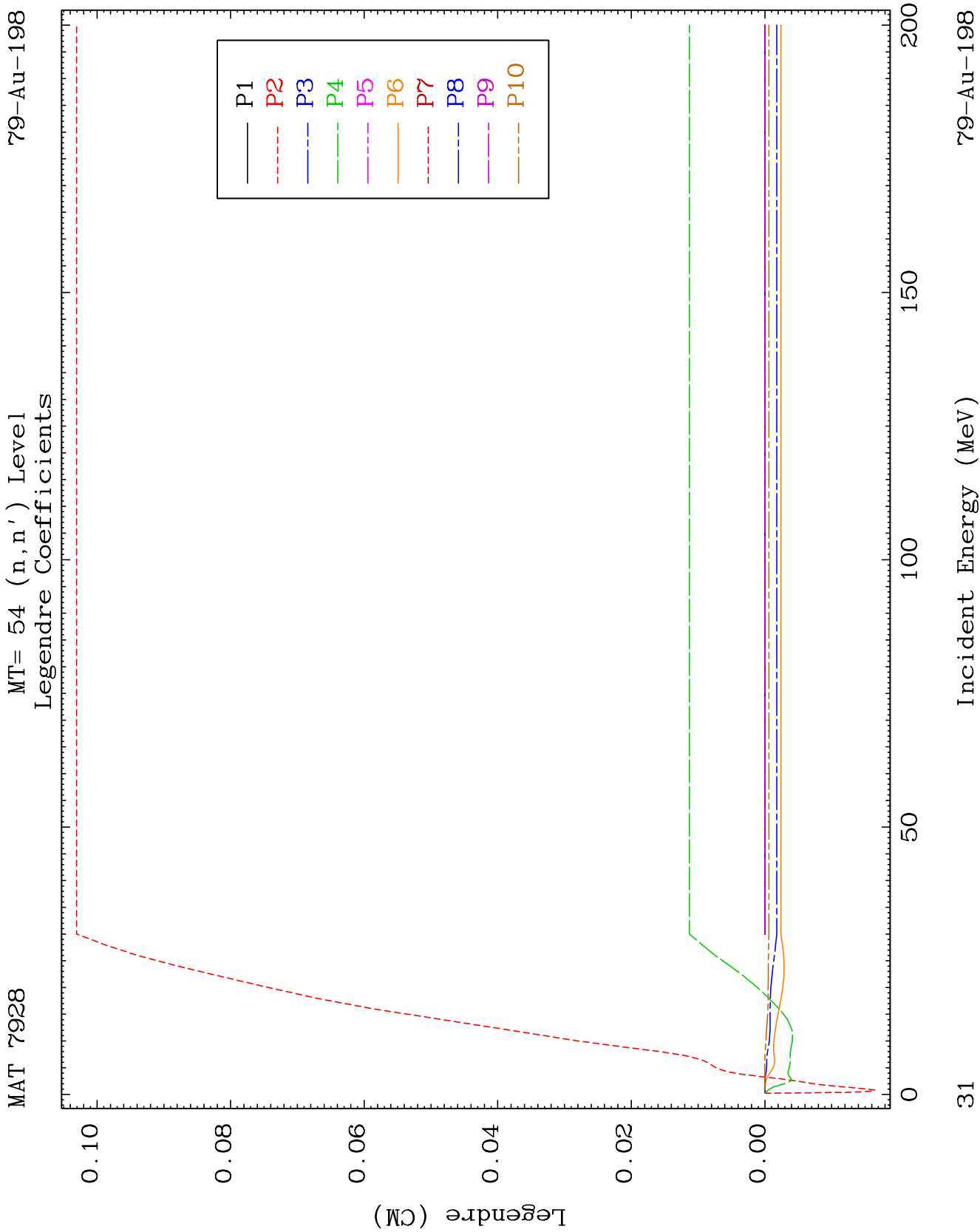
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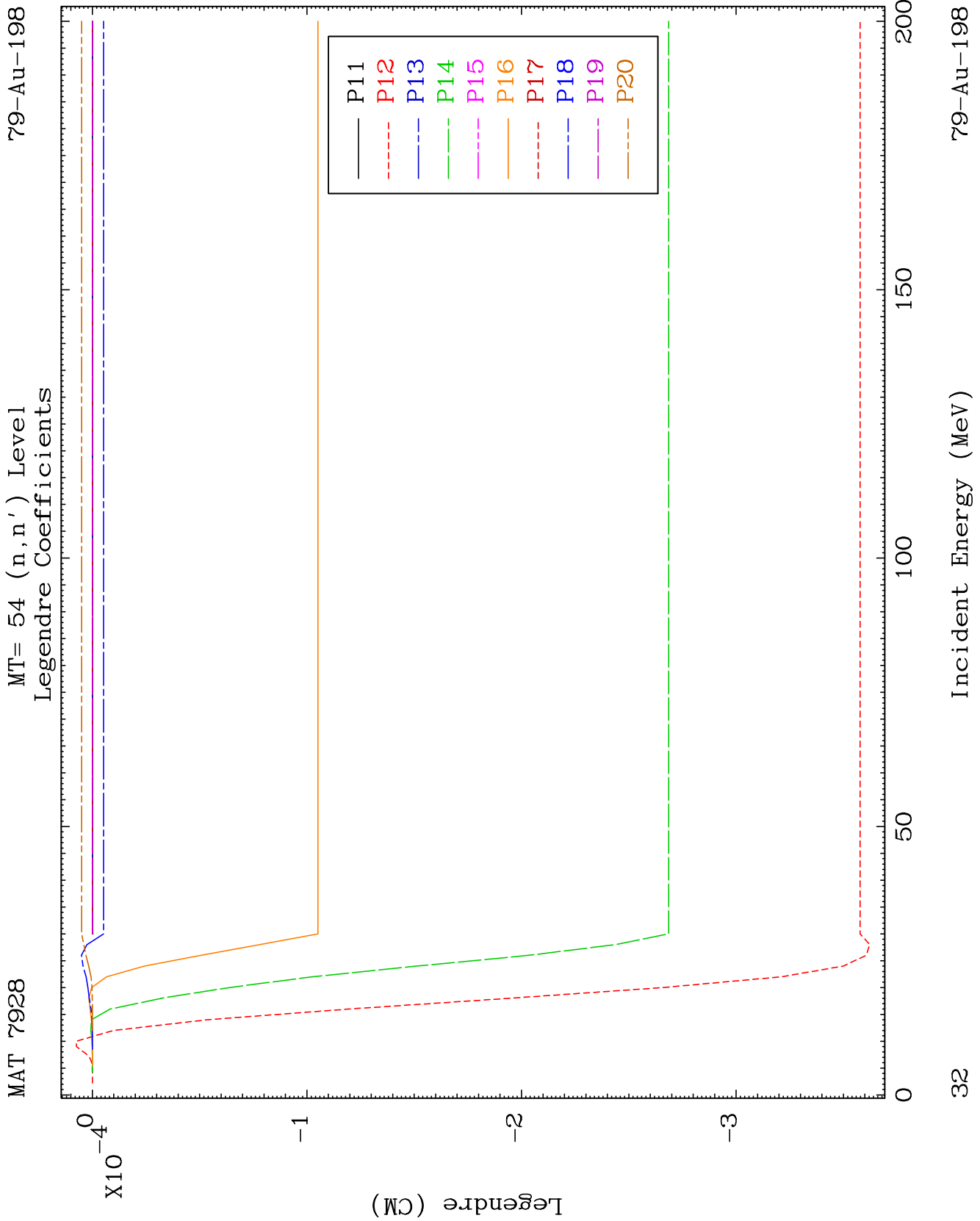


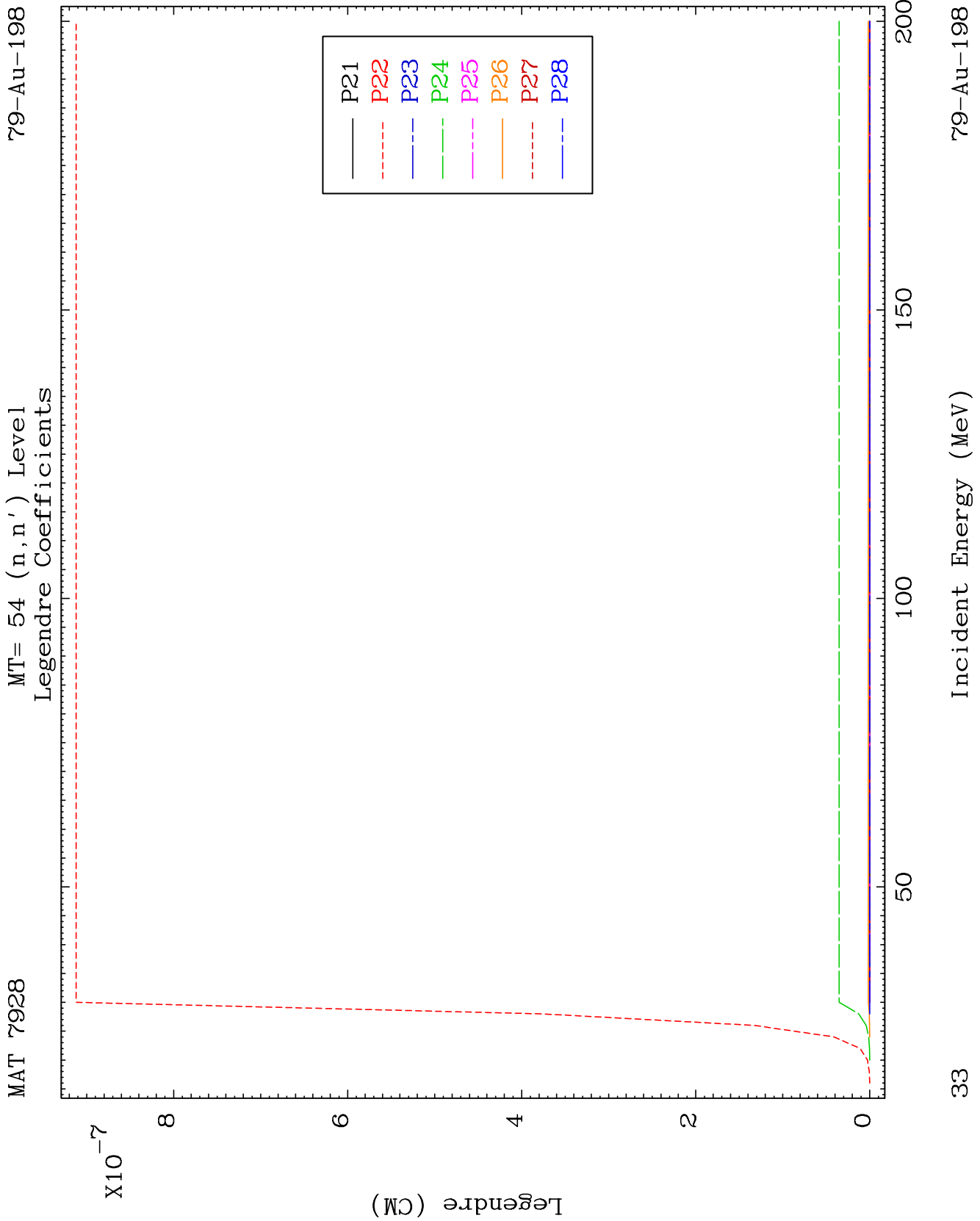
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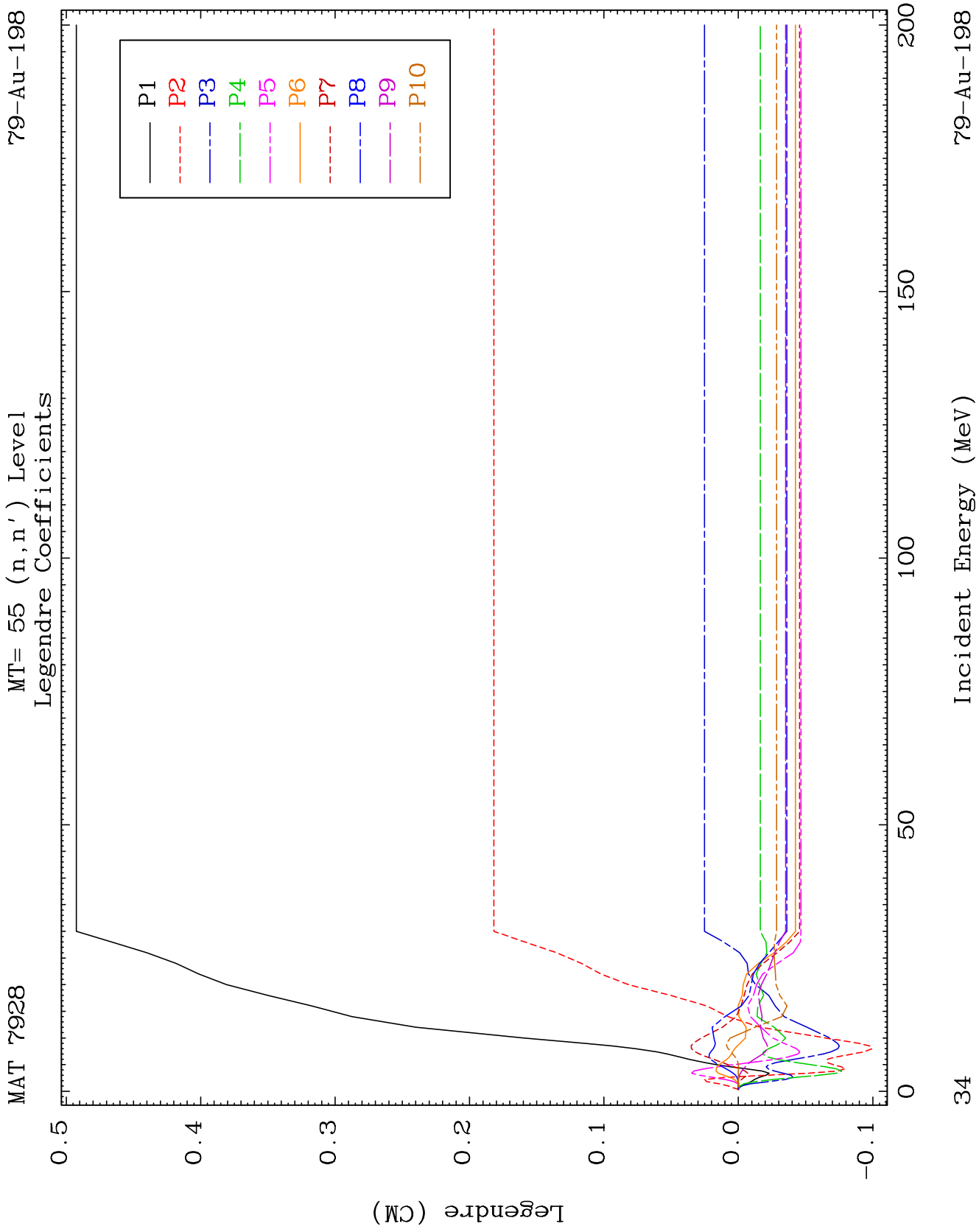
Incident Energy (MeV)

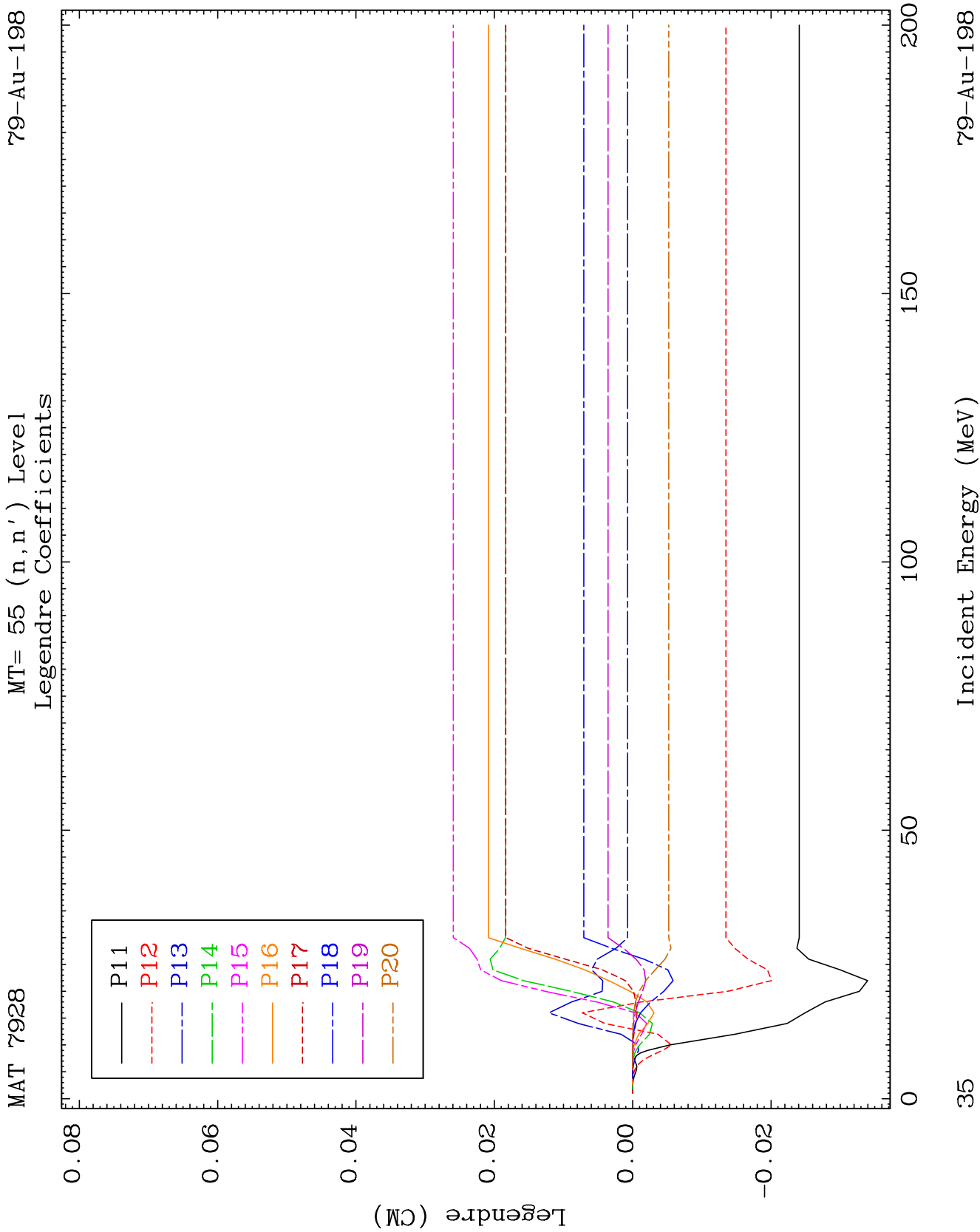
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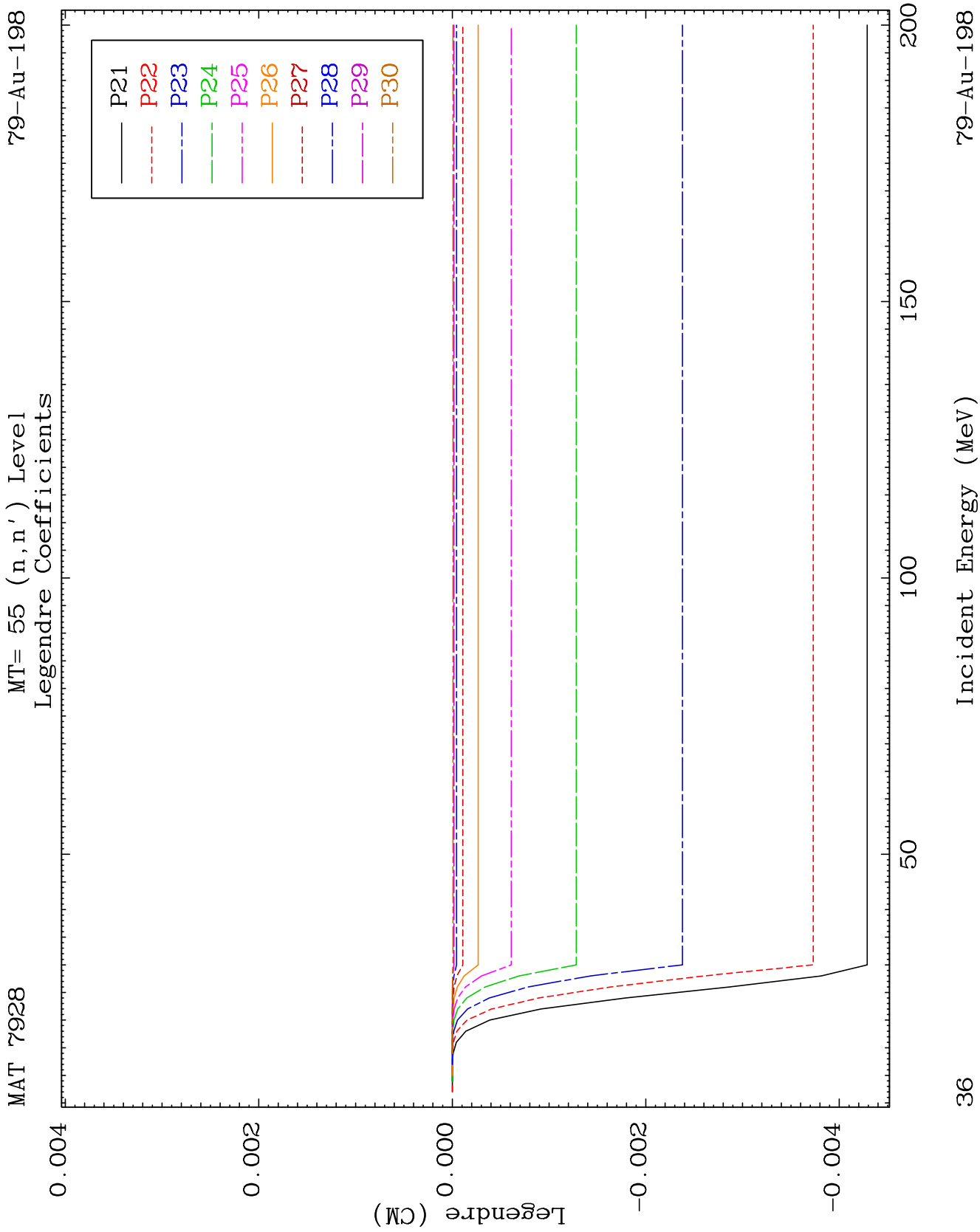


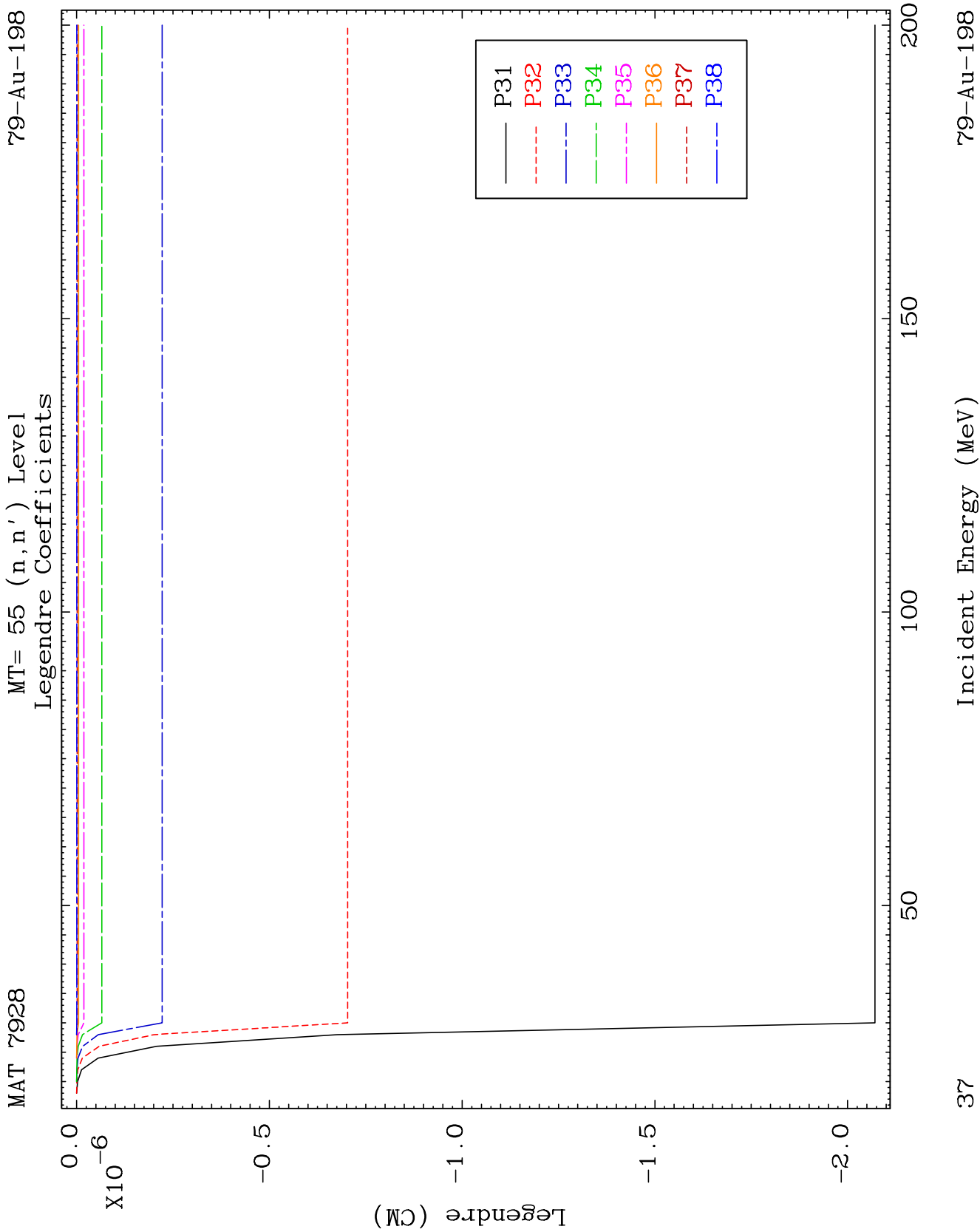








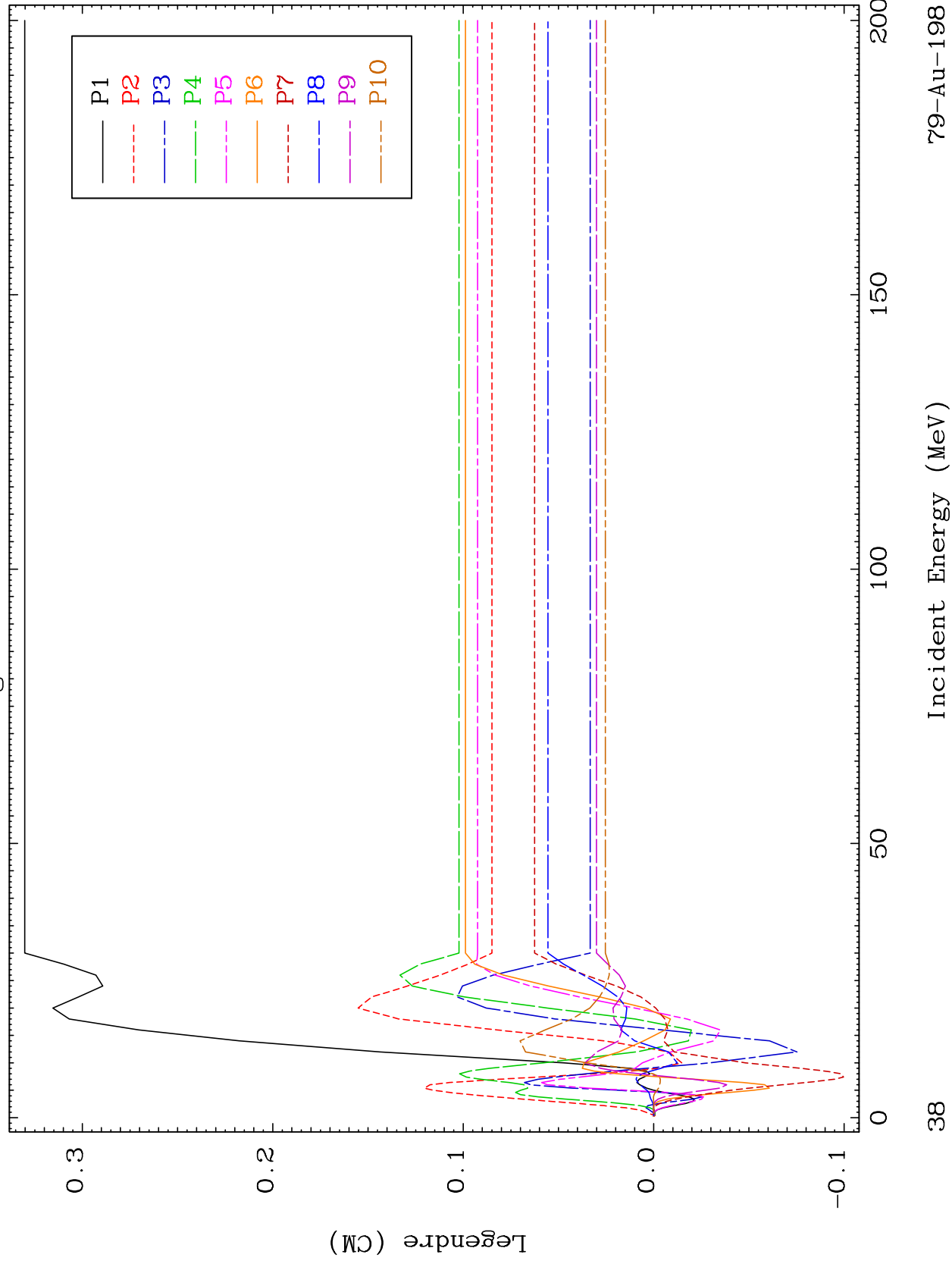




MAT 7928

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

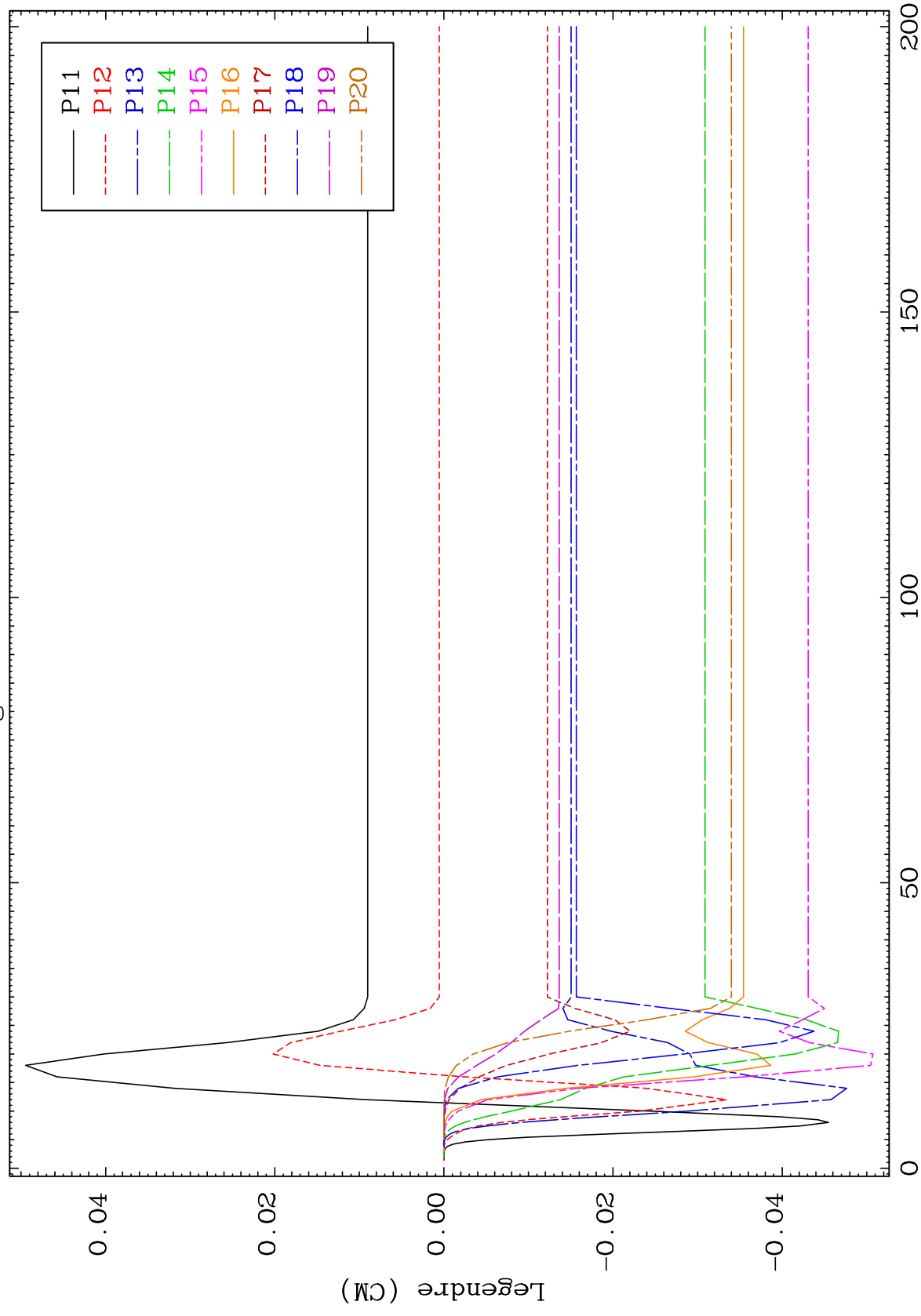
79-Au-198



MAT 7928

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

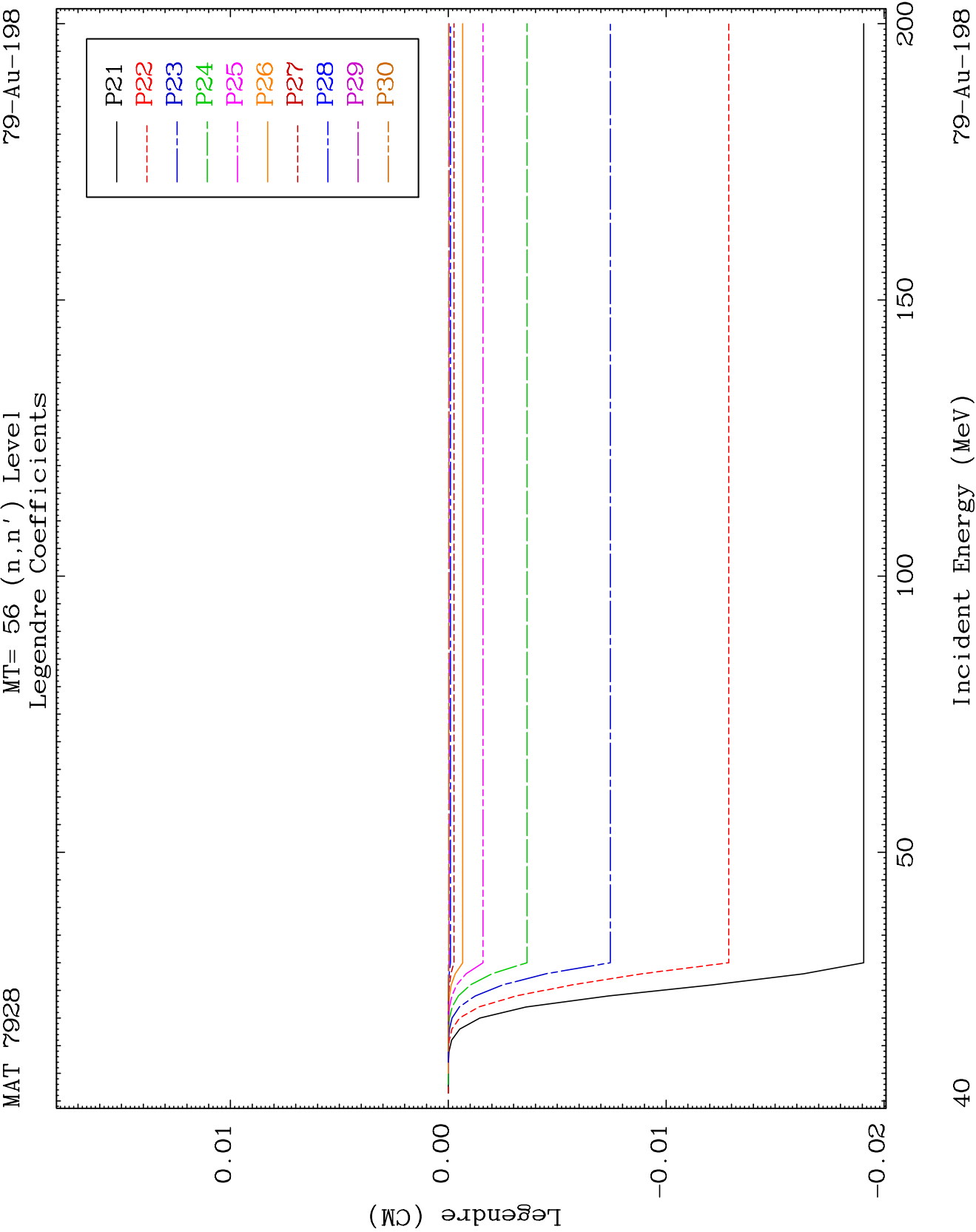
79-Au-198



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Incident Energy (MeV)

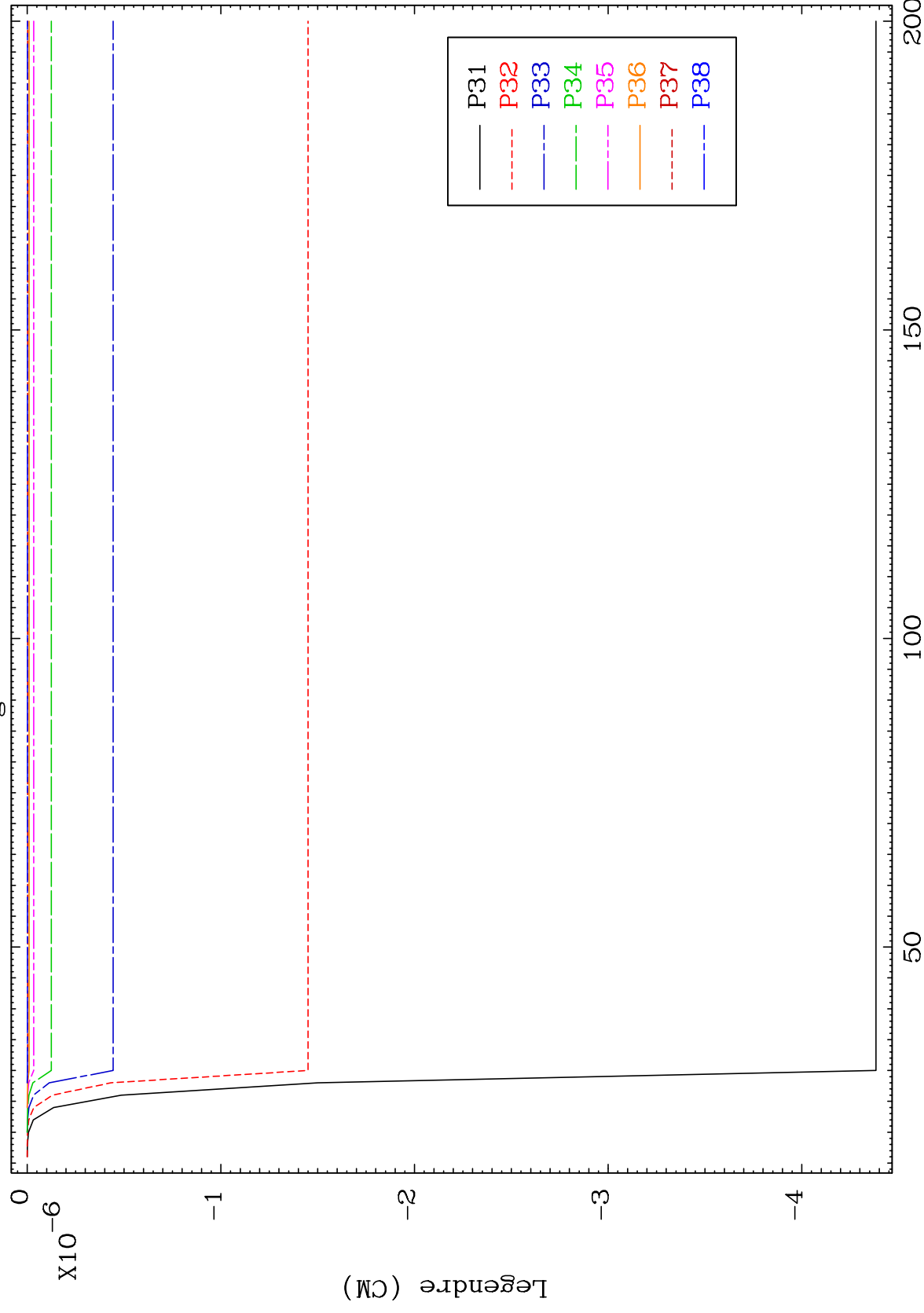
79-Au-198



MAT 7928

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

79-Au-198



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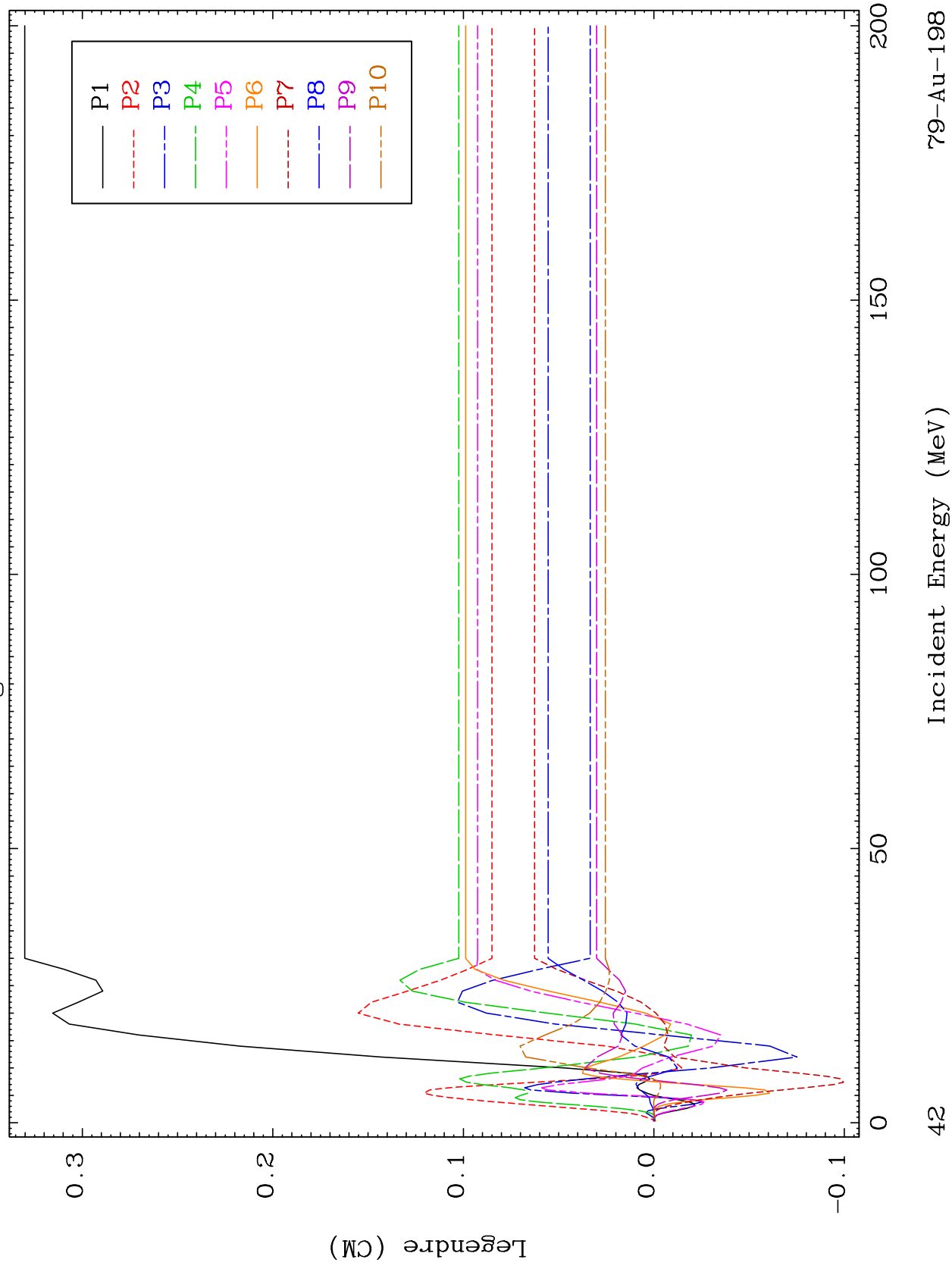
Incident Energy (MeV)

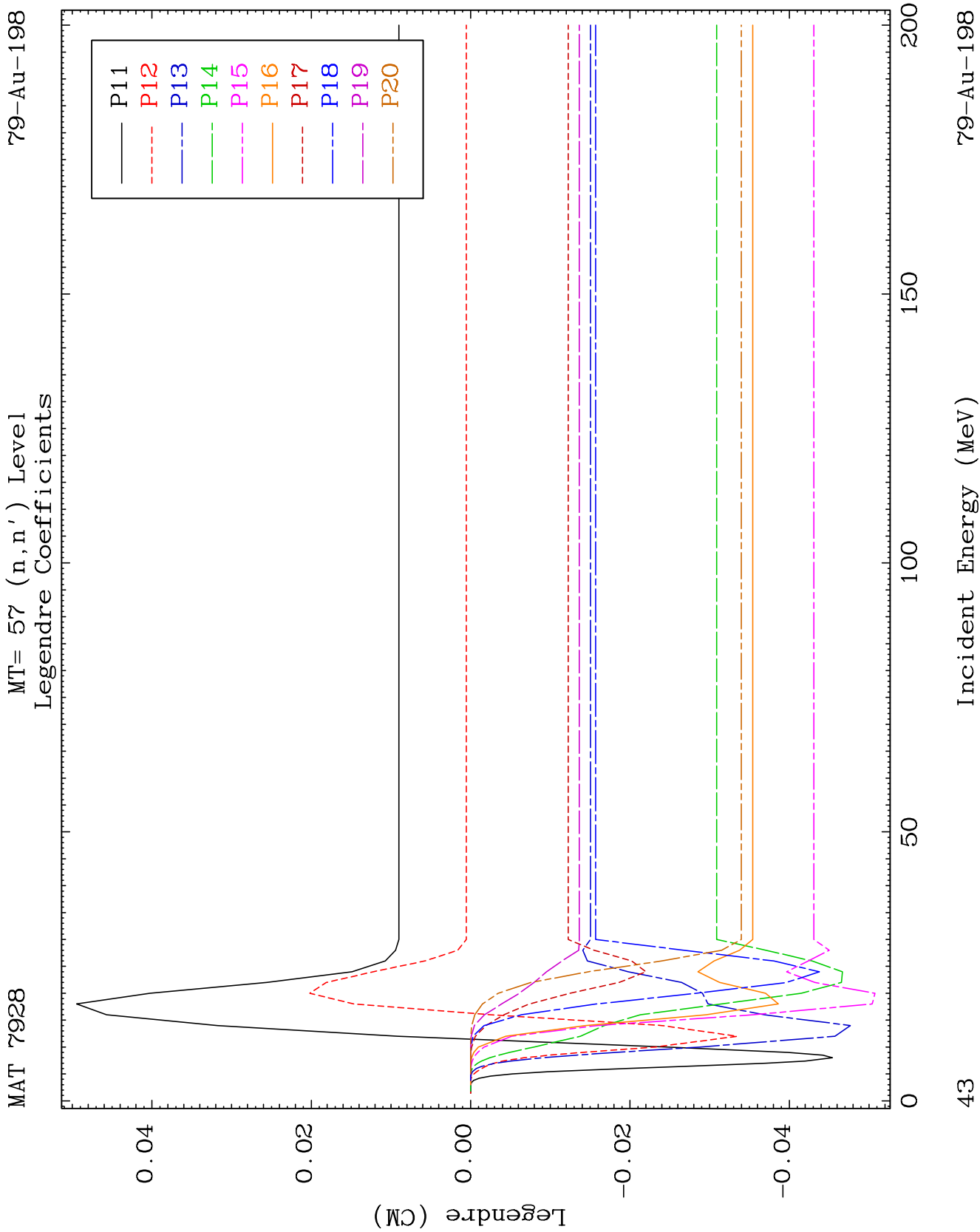
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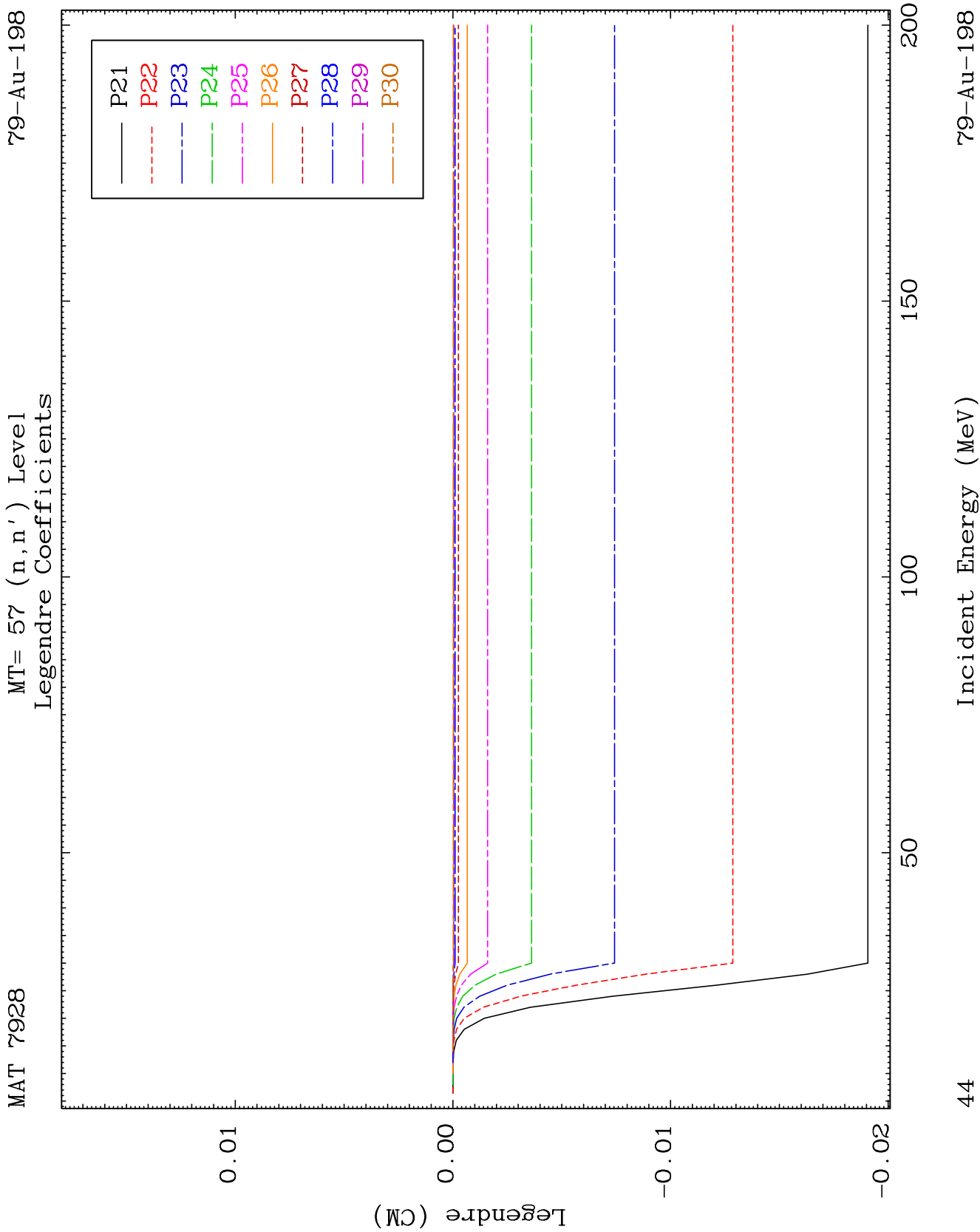
MAT 7928

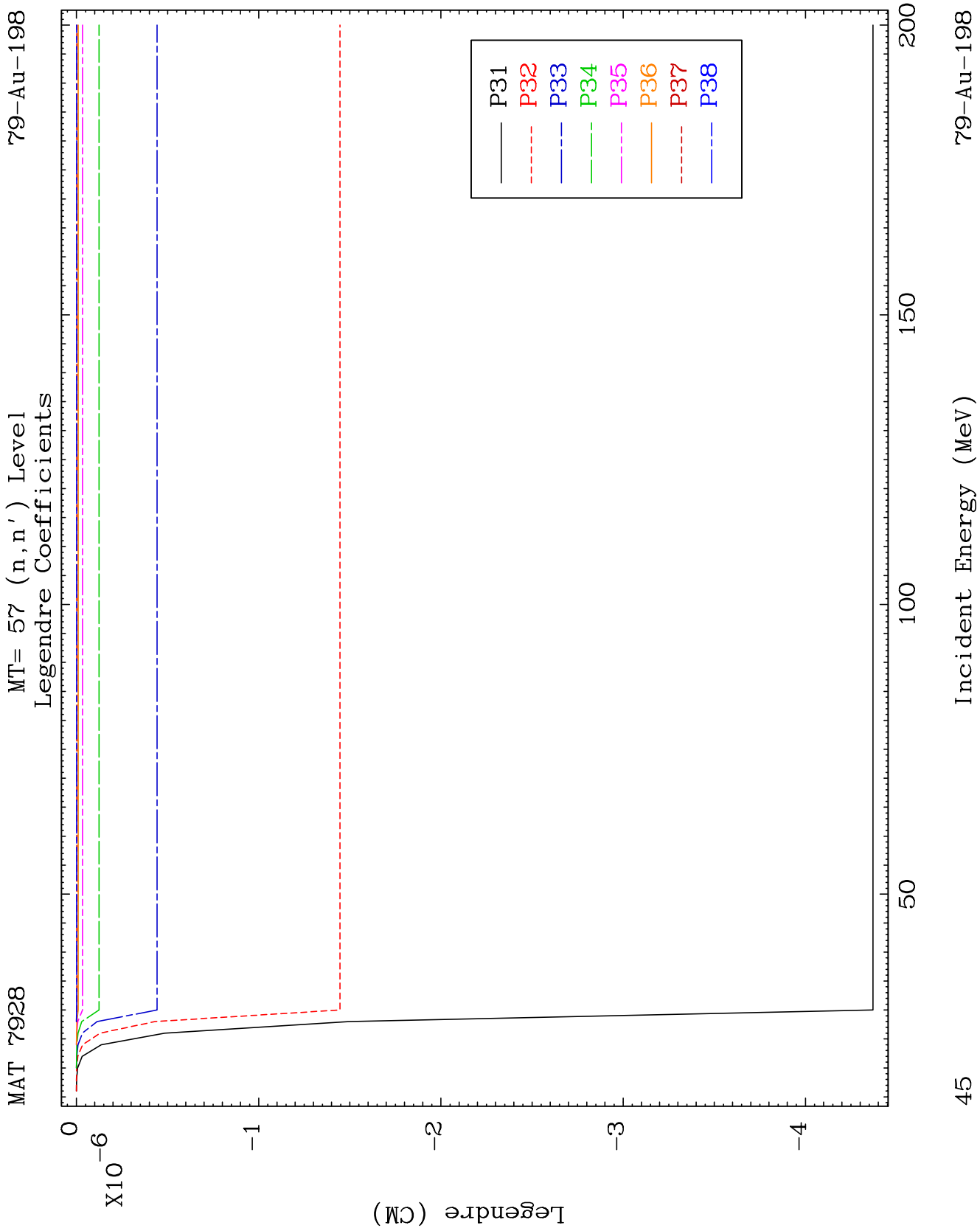
MT= 57 (n, n') Level
Legendre Coefficients

79-Au-198





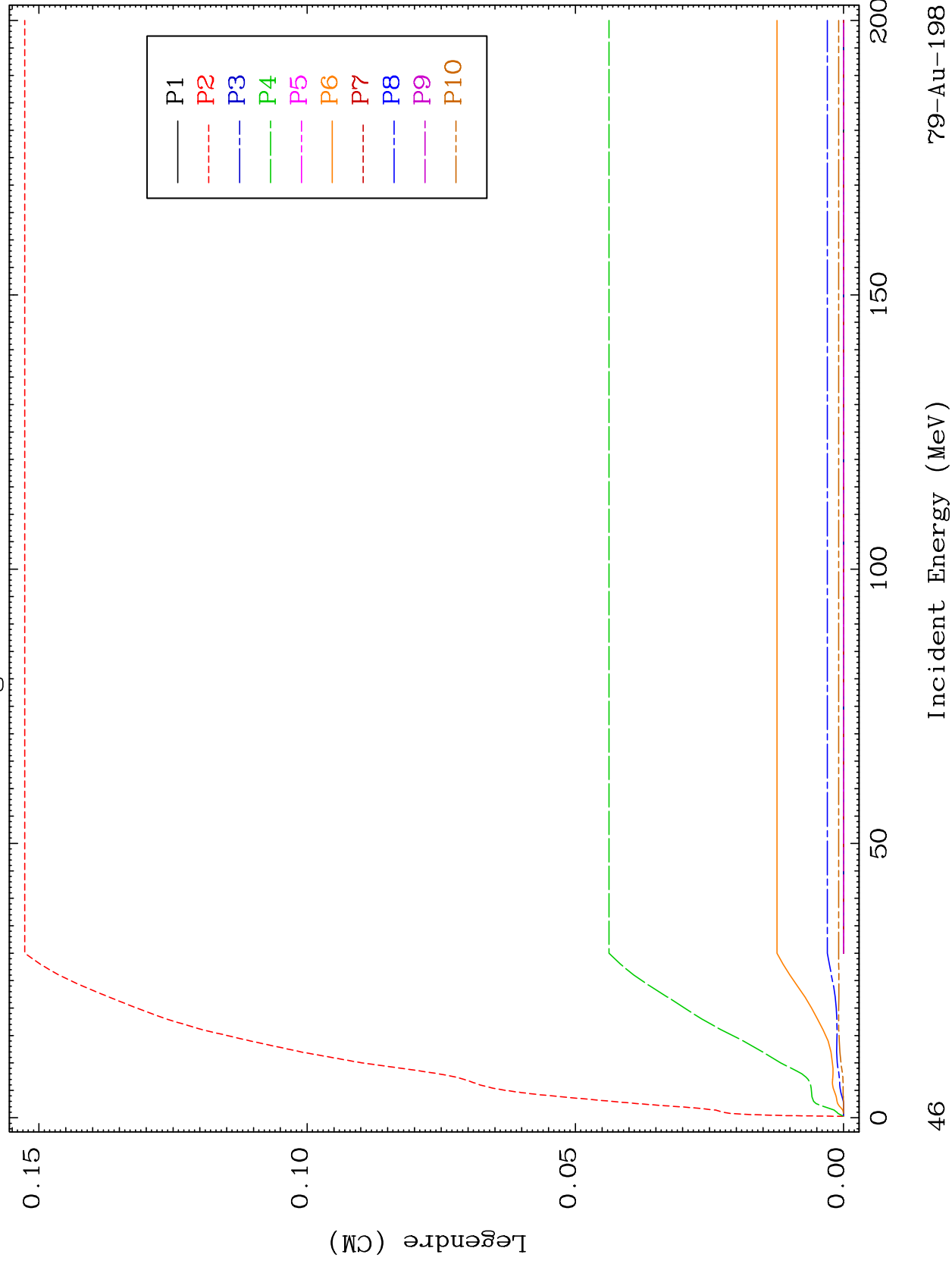


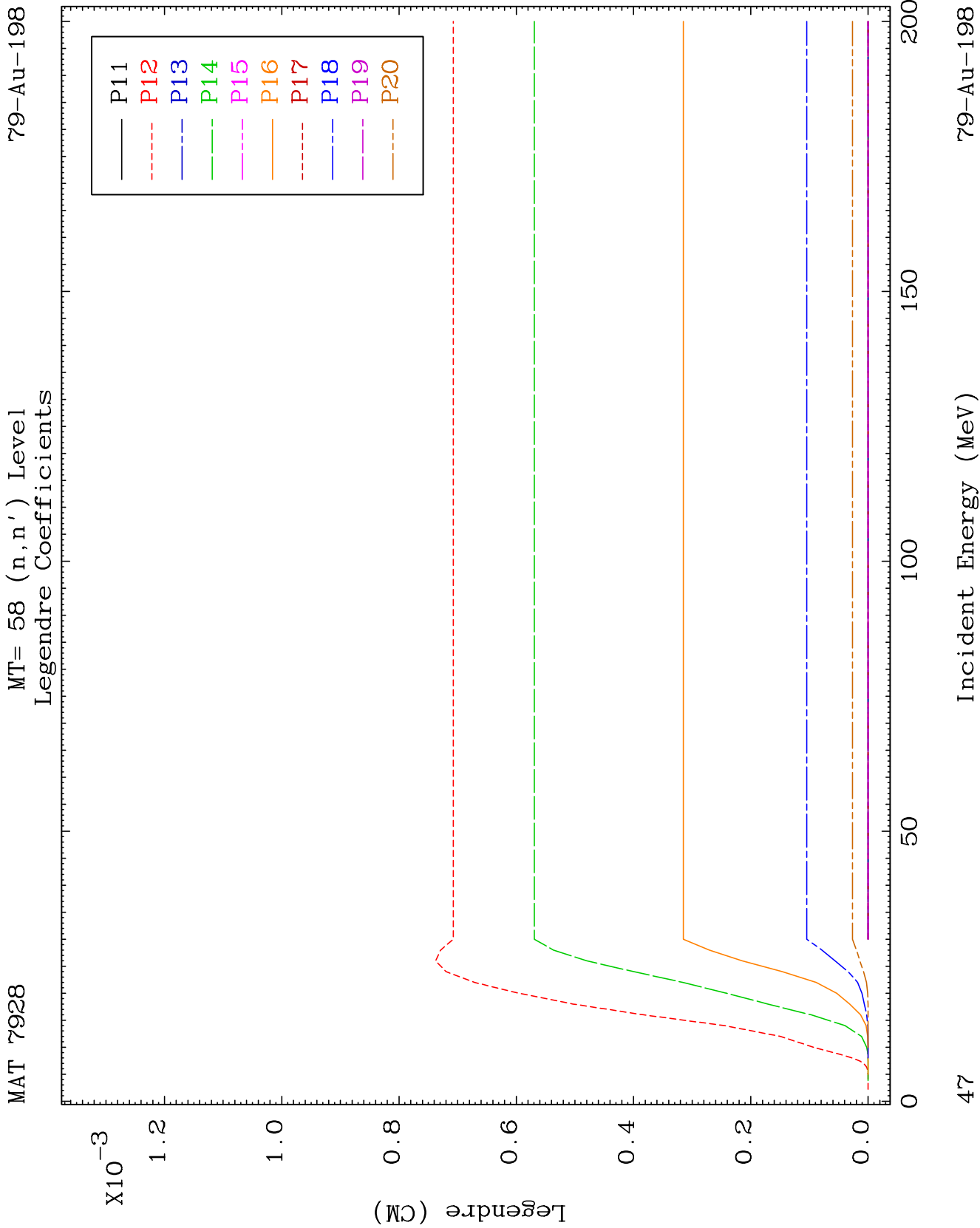


MAT 7928

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

79-Au-198

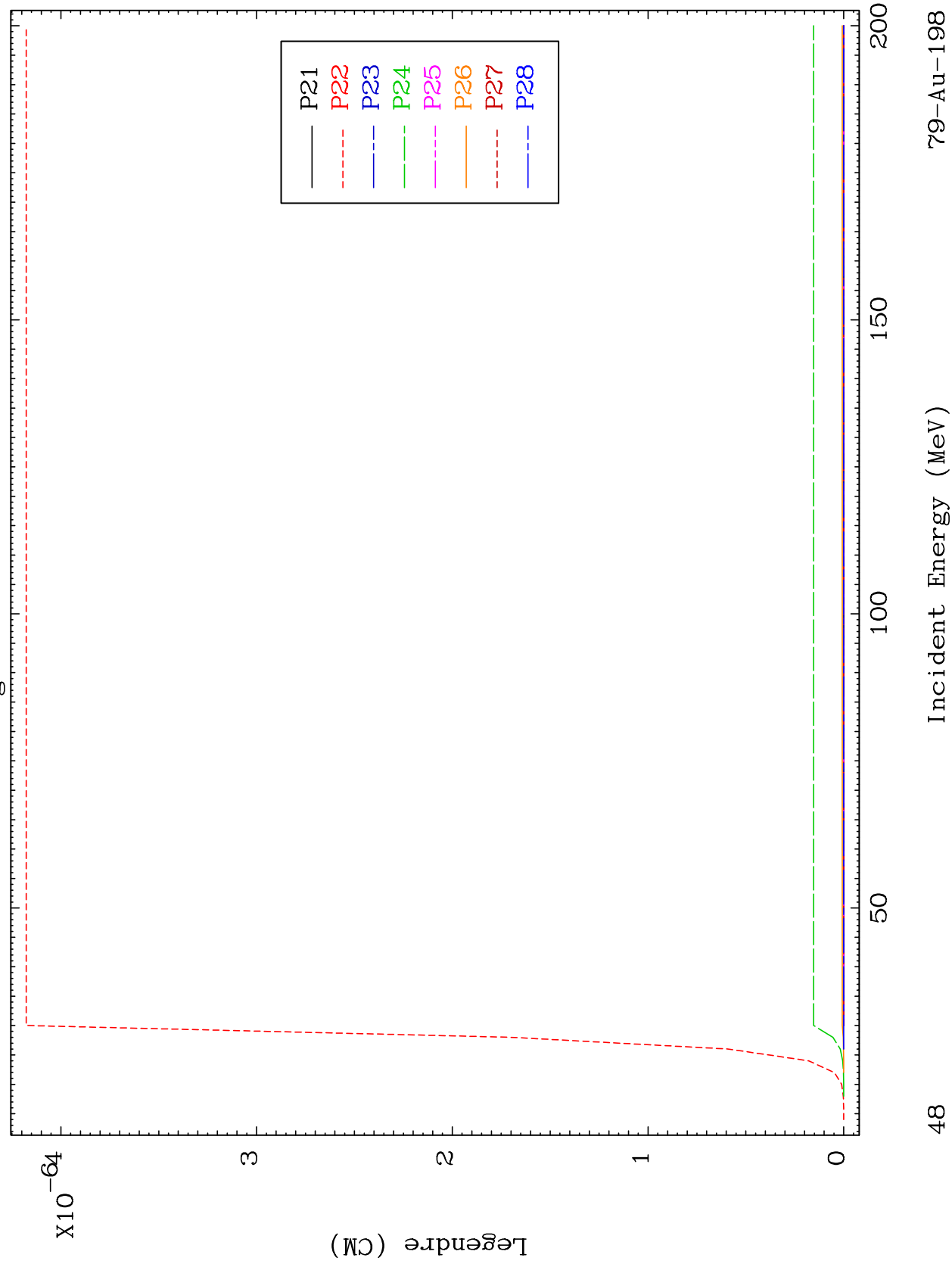


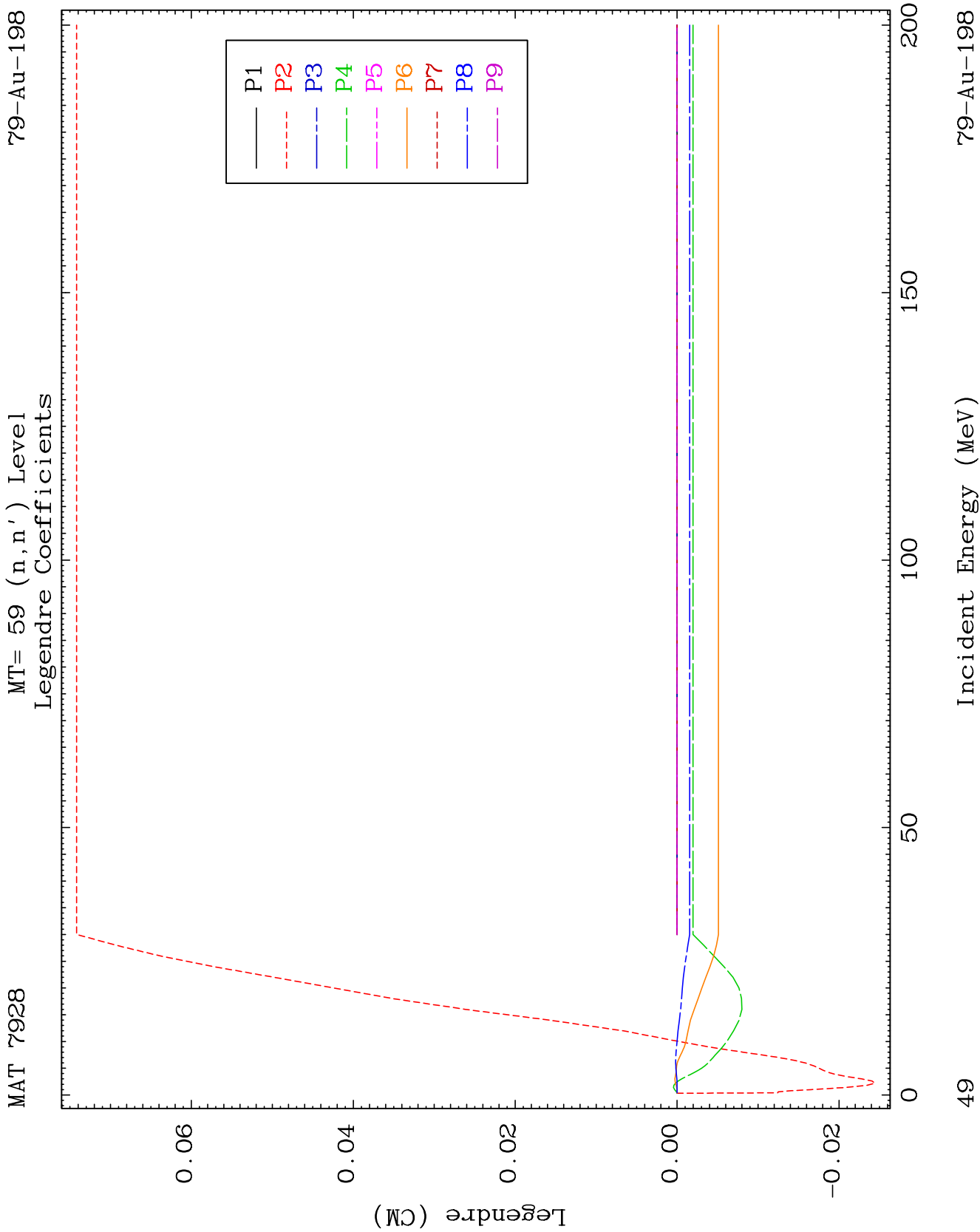


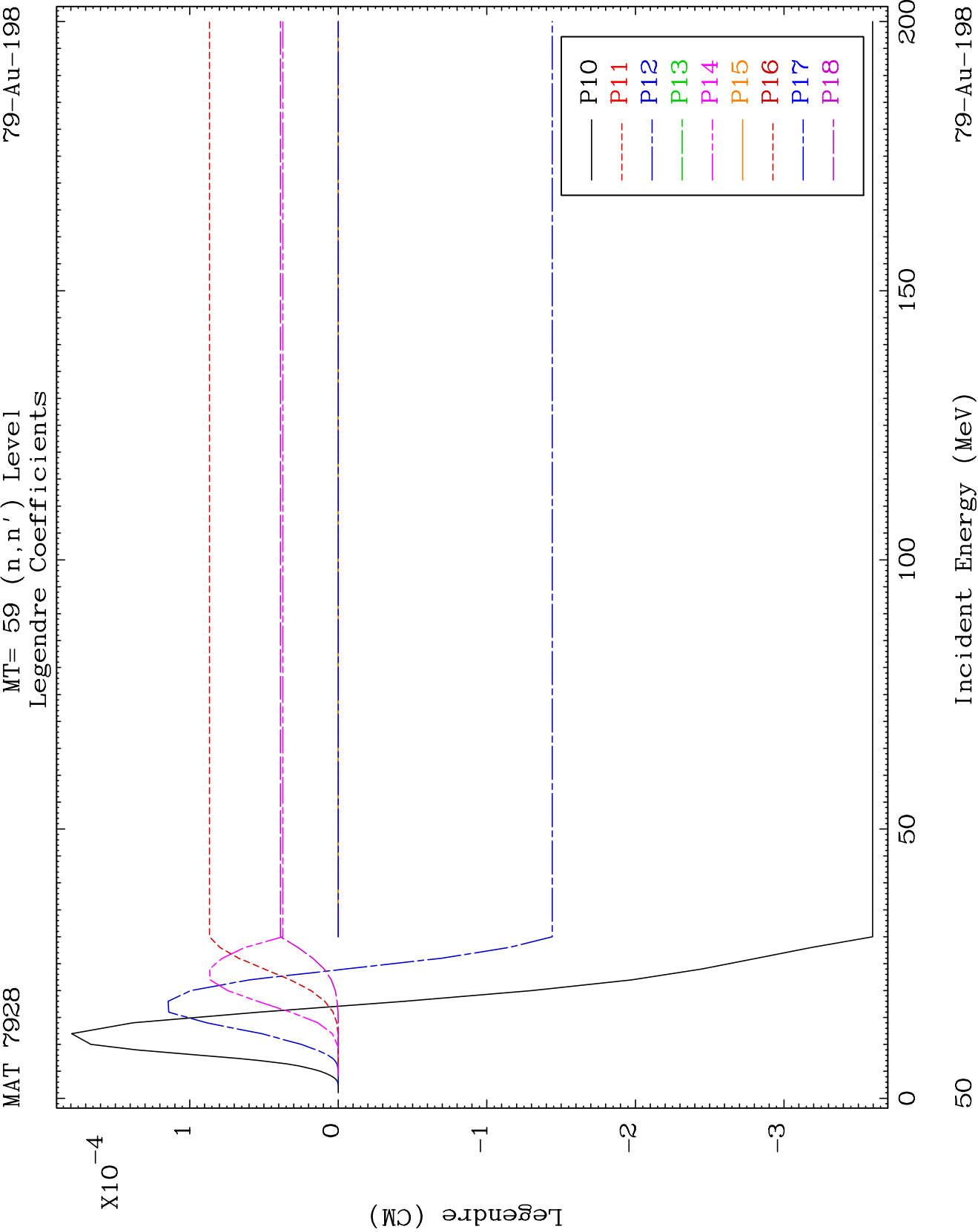
MAT 7928

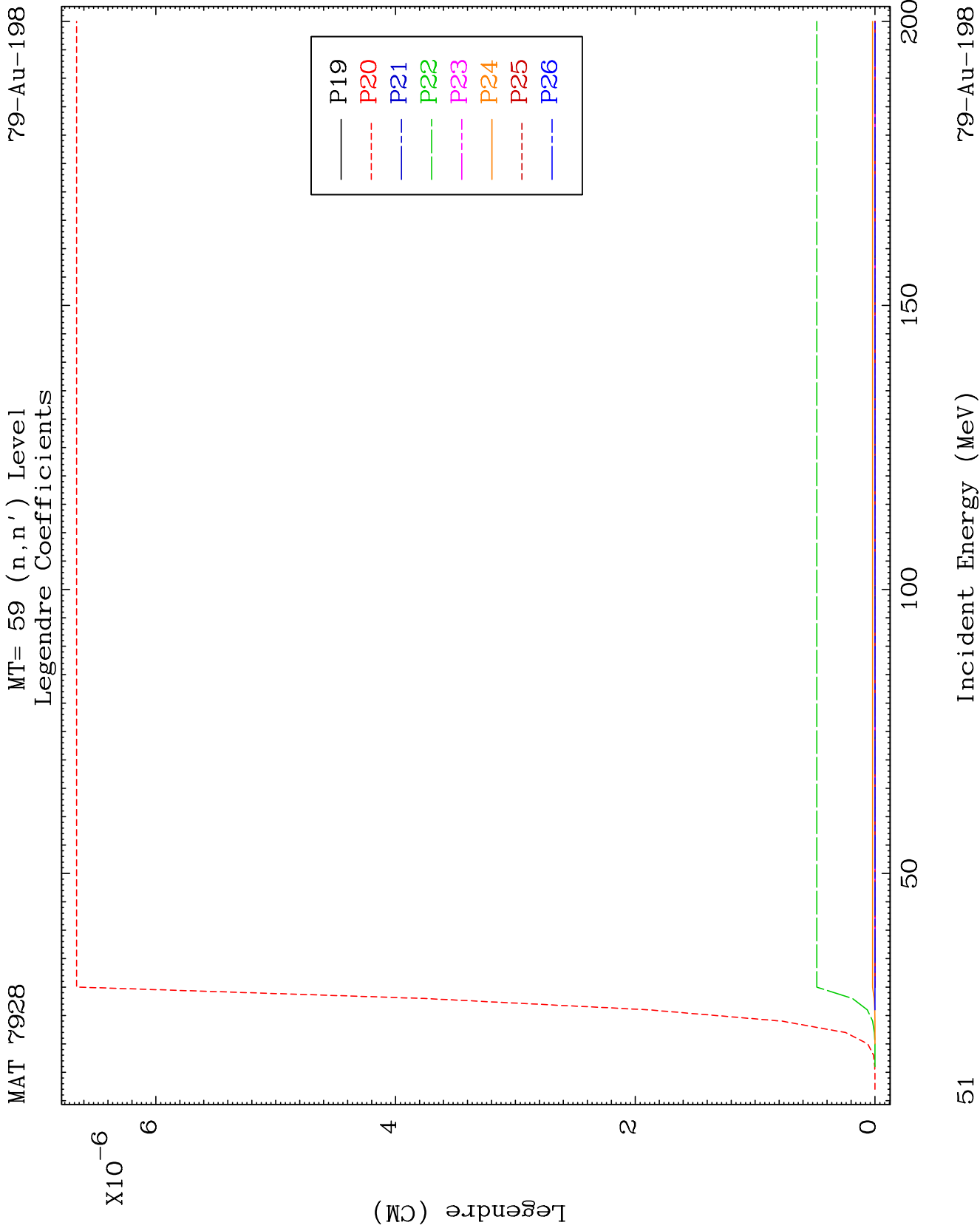
MT= 58 (n, n') Level
Legendre Coefficients

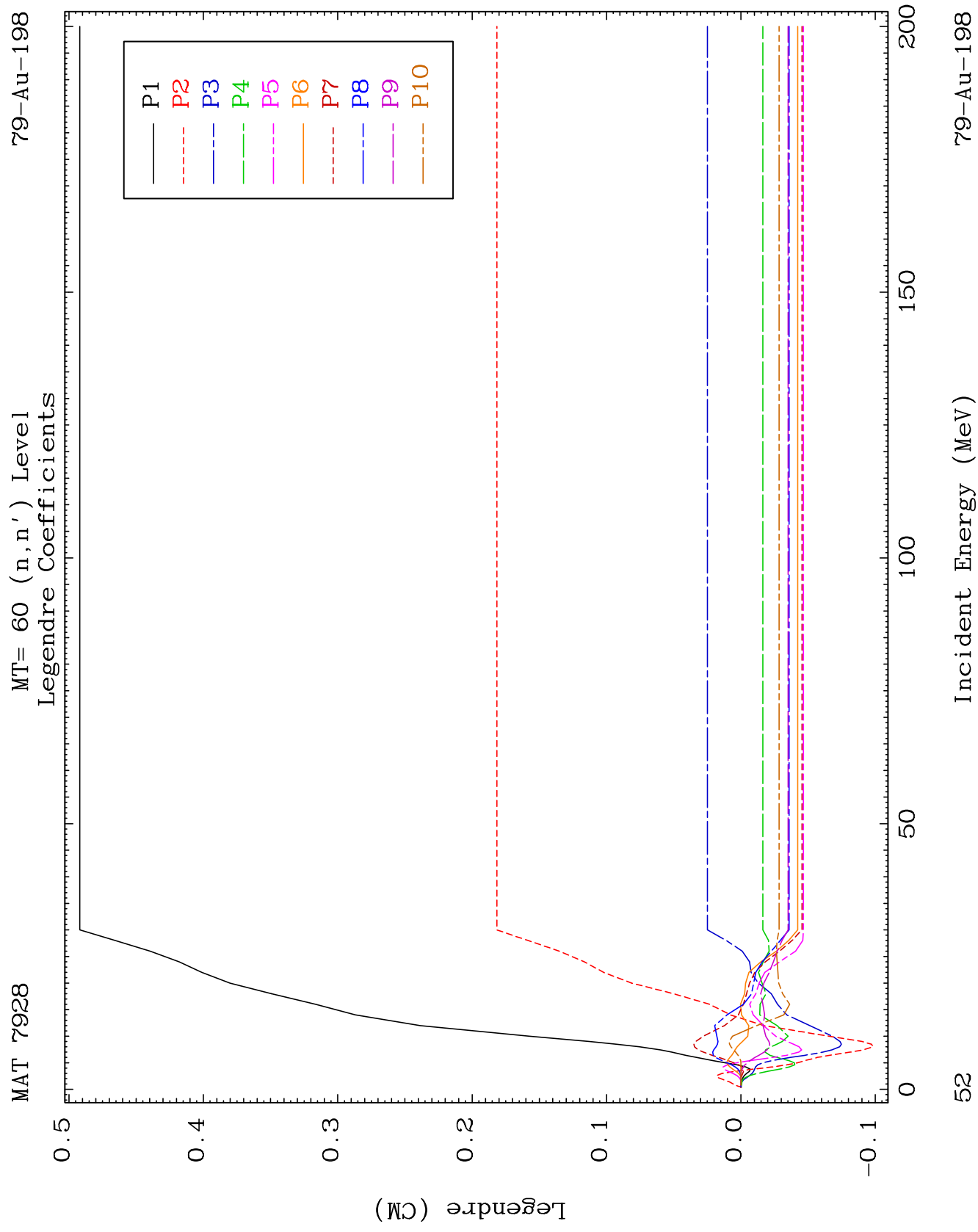
79-Au-198







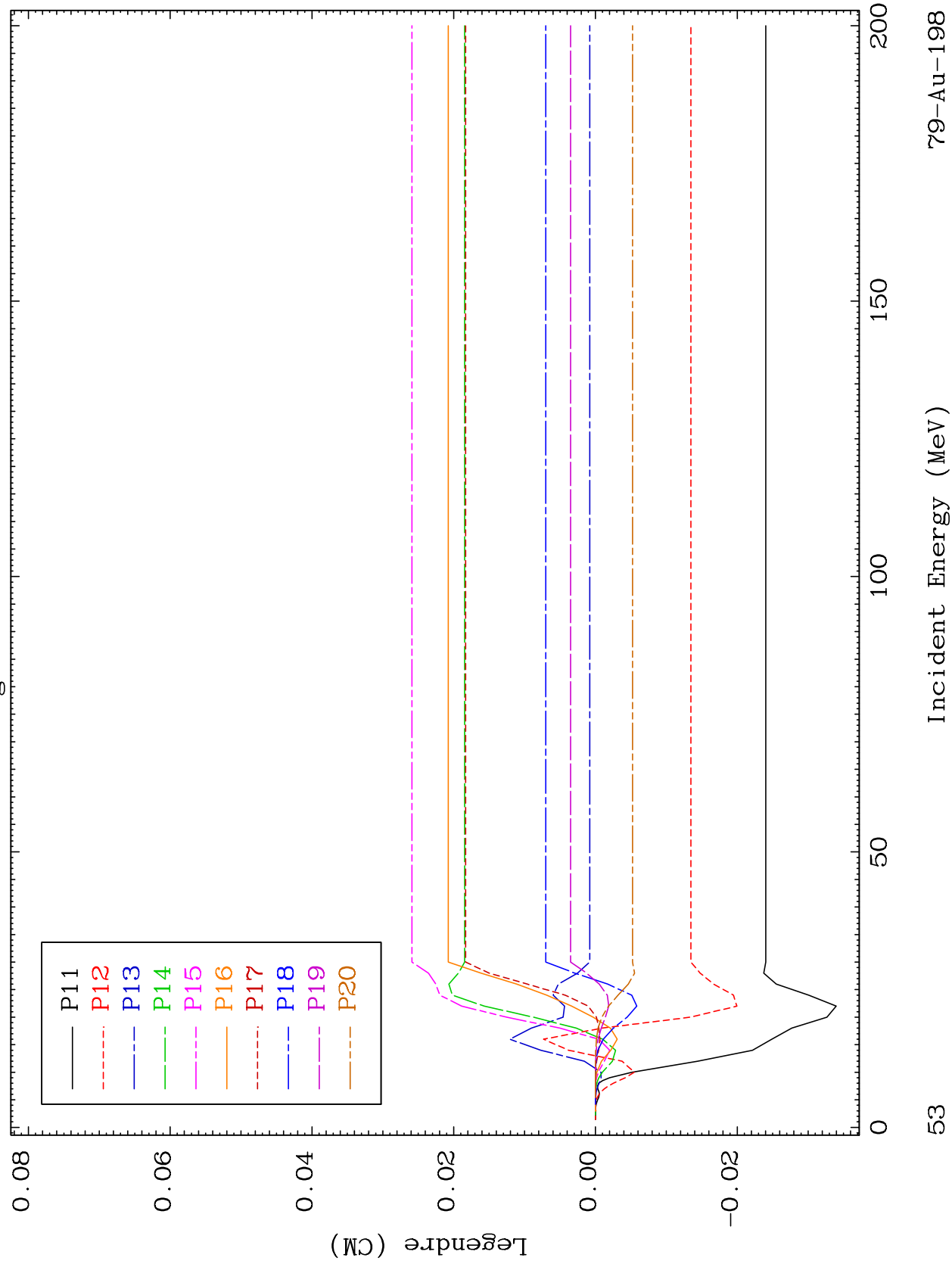


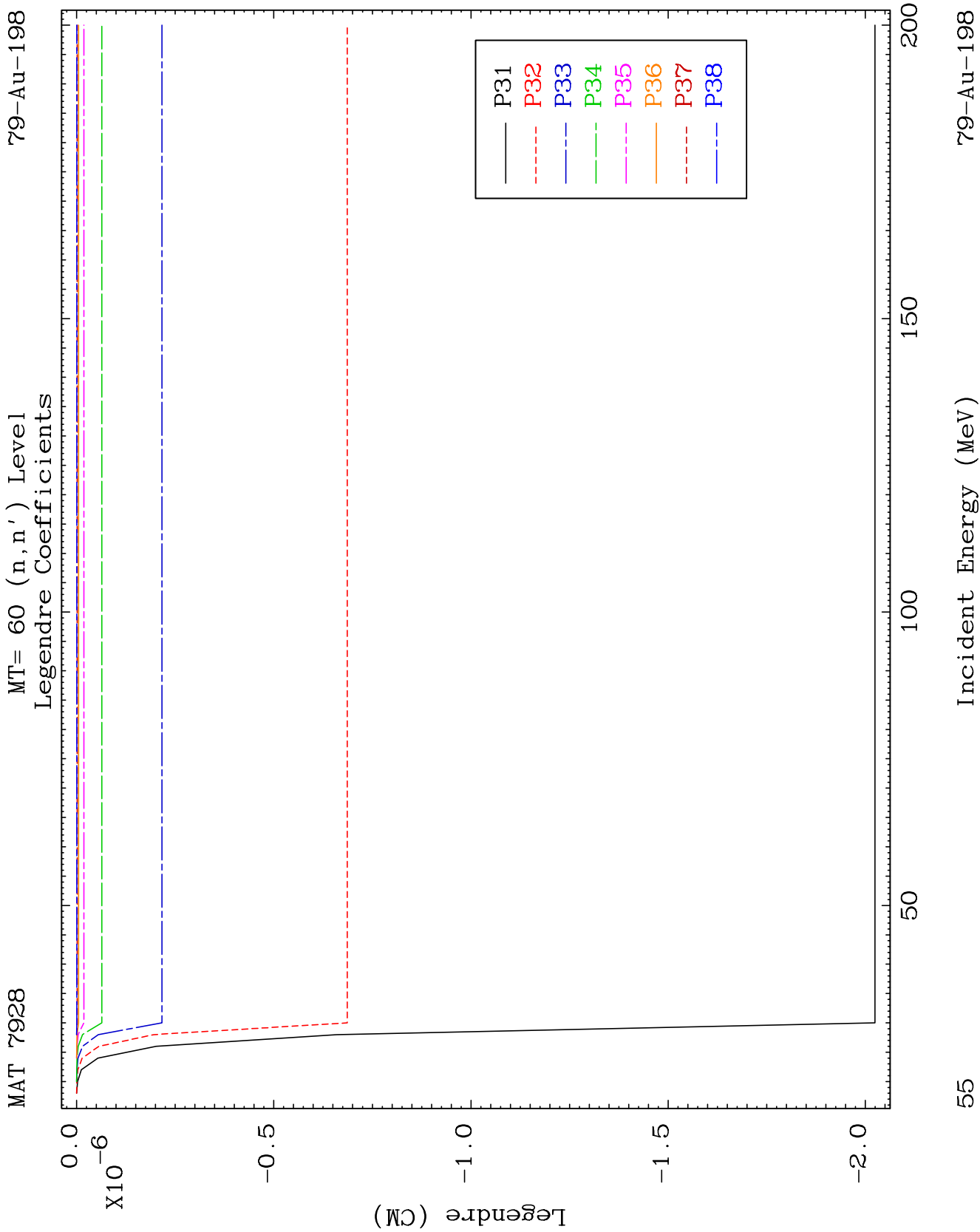


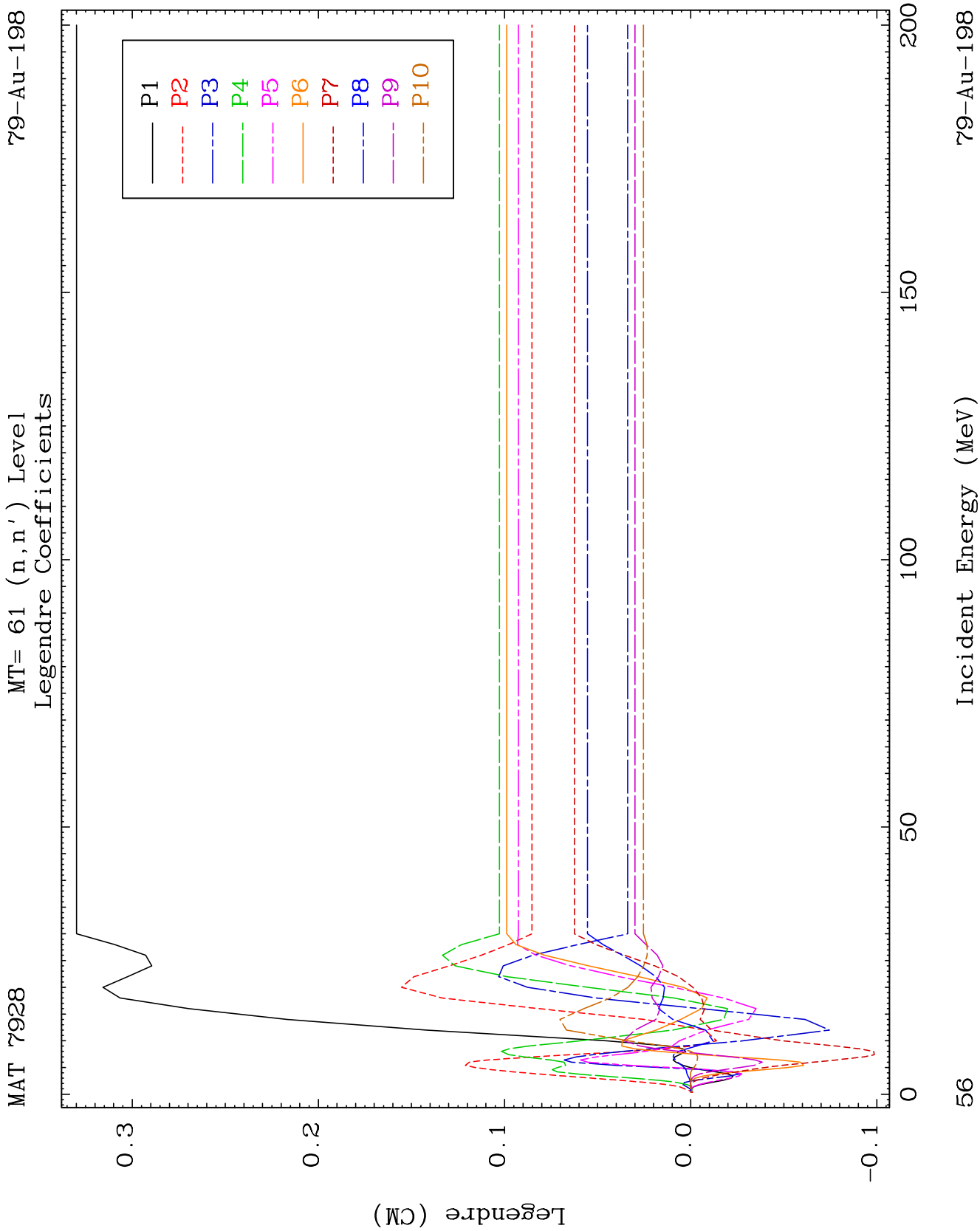
MAT 7928

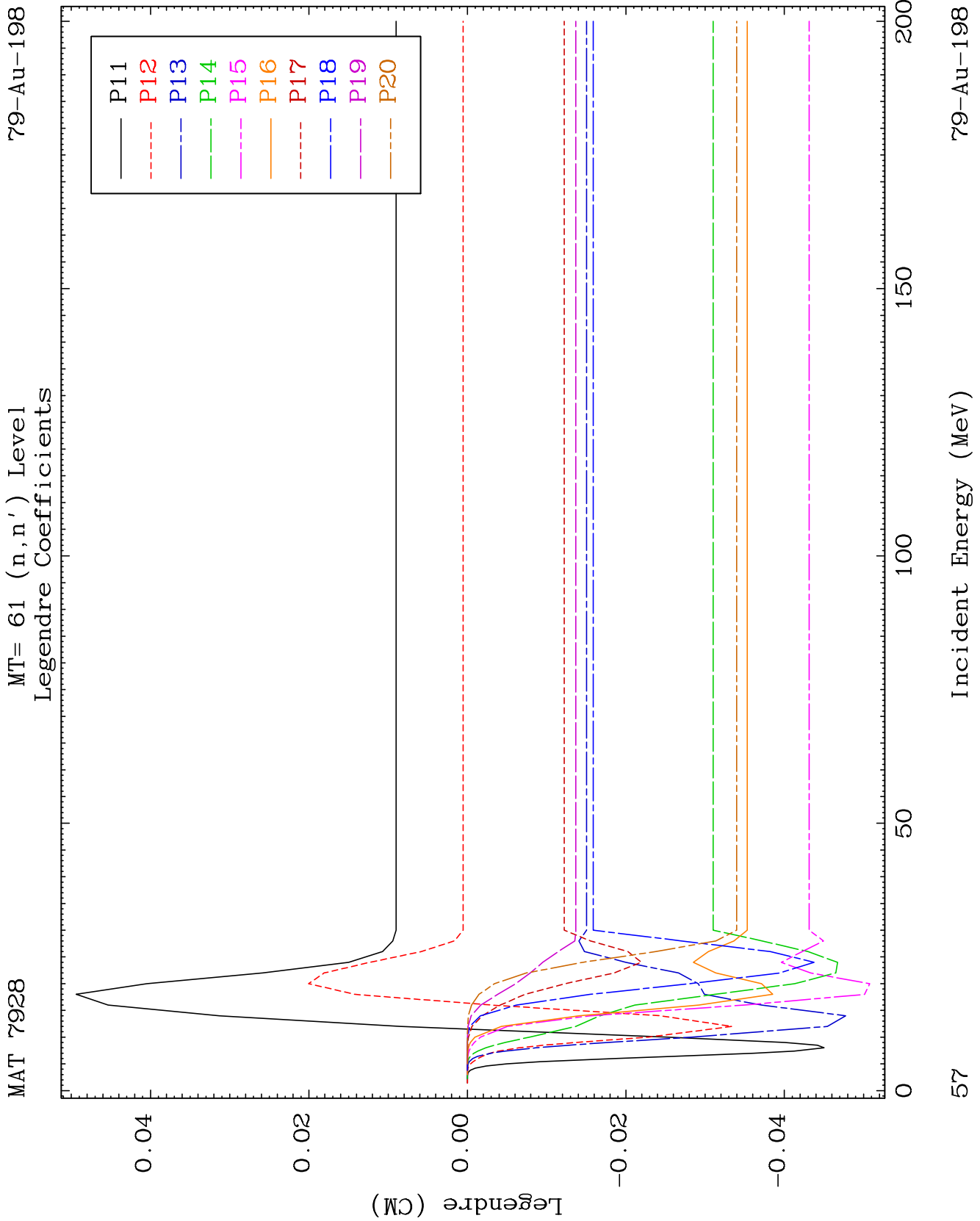
MT= 60 (n, n') Level
Legendre Coefficients

79-Au-198





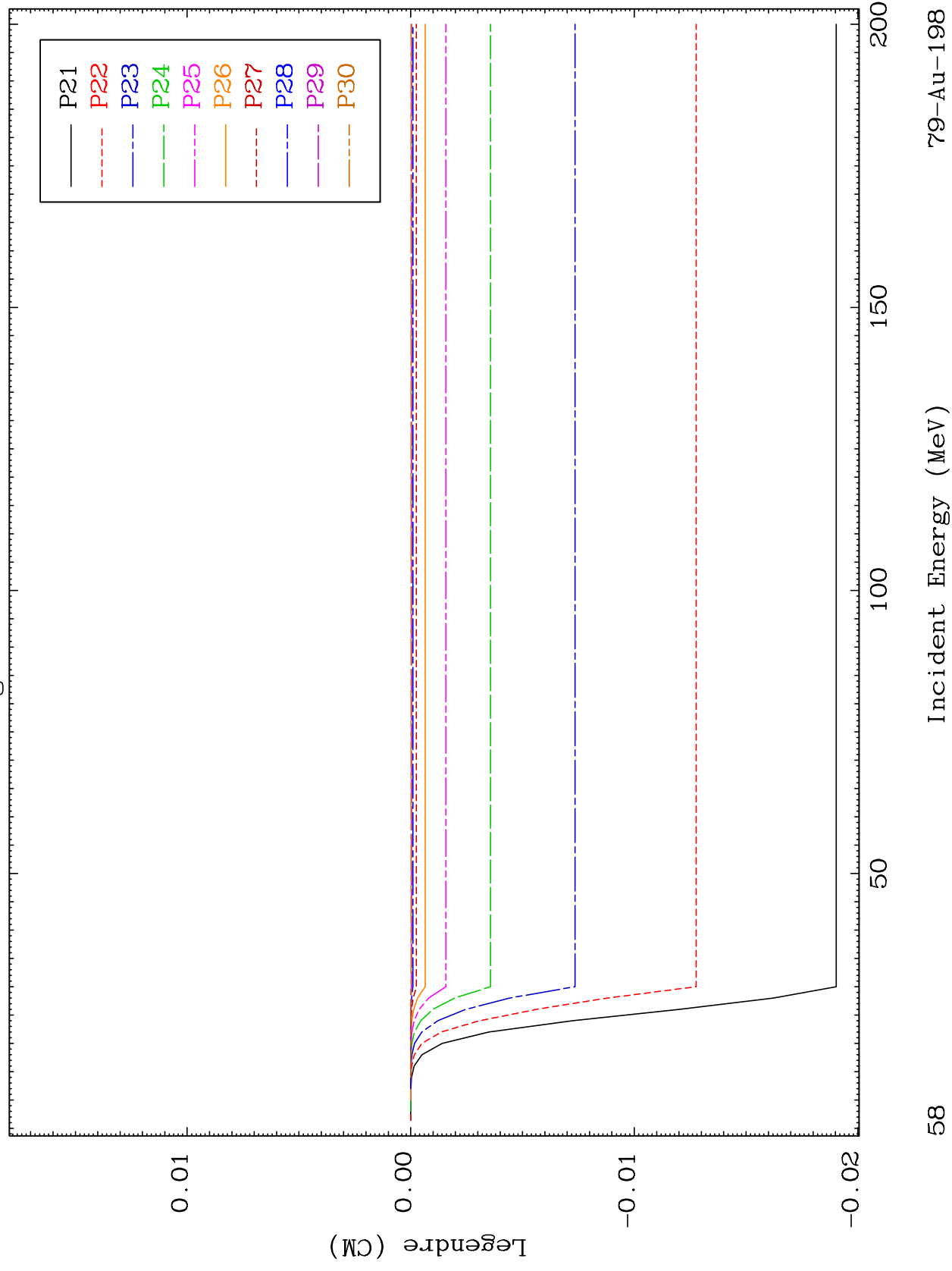


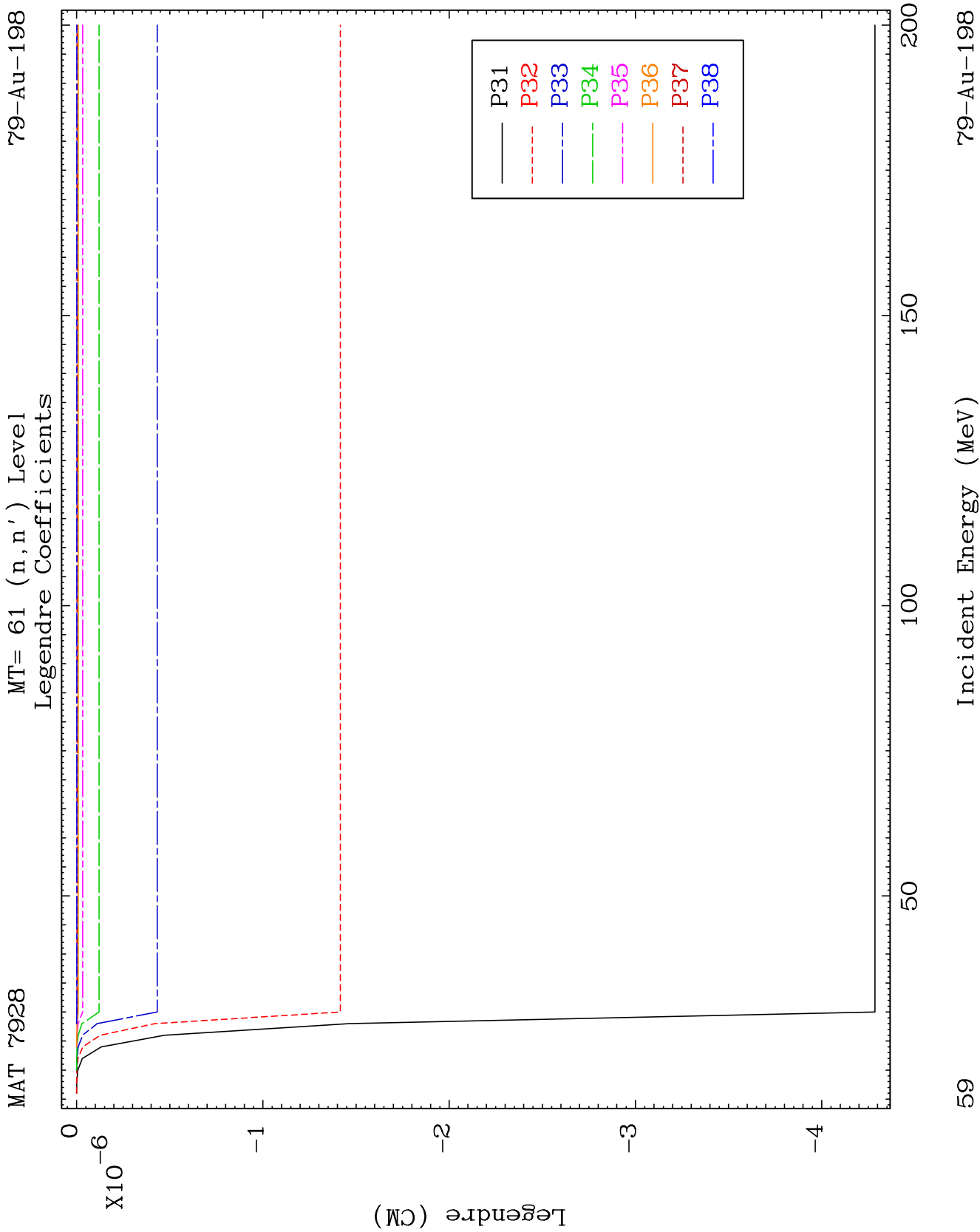


MAT 7928

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

79-Au-198

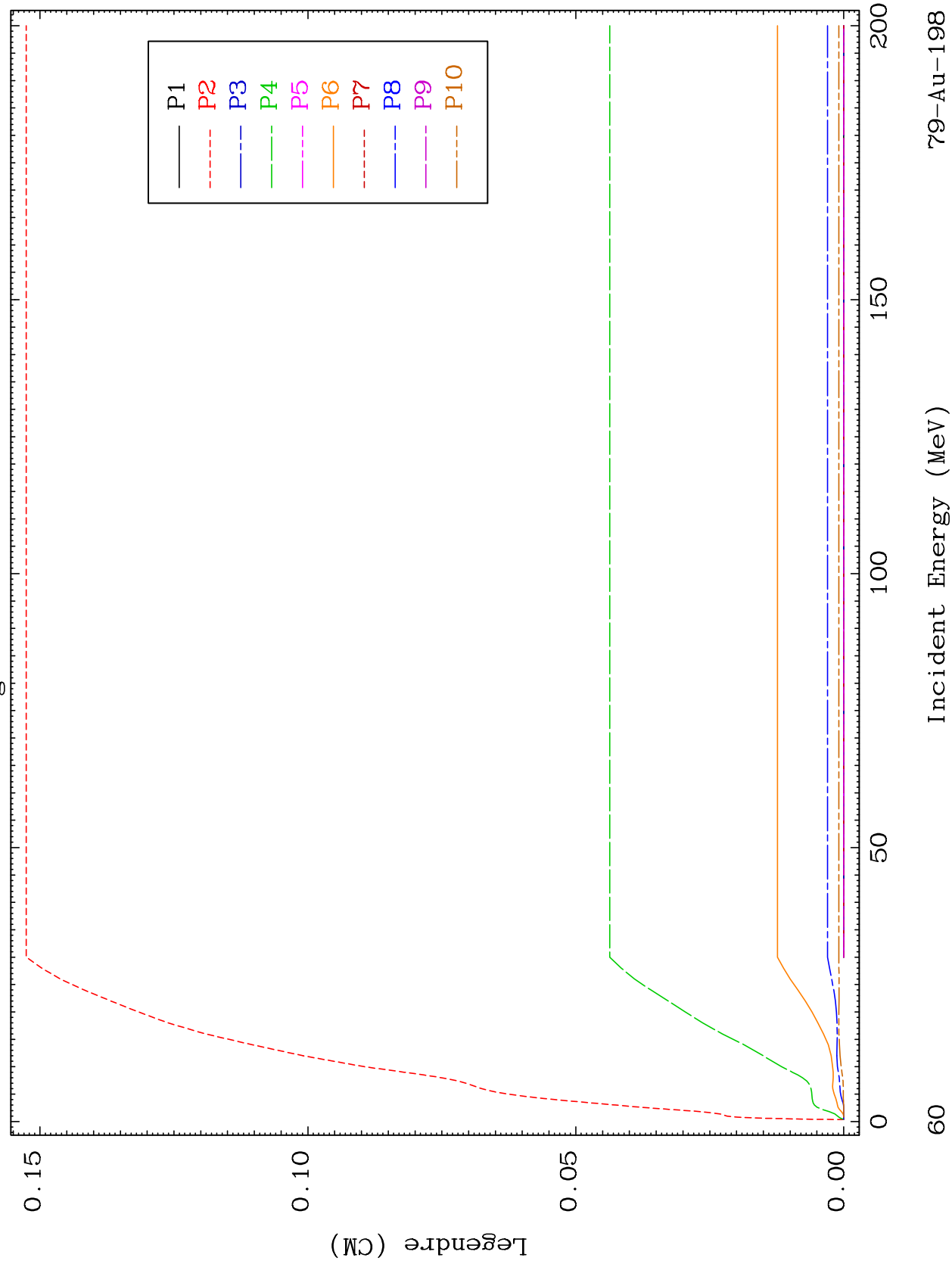


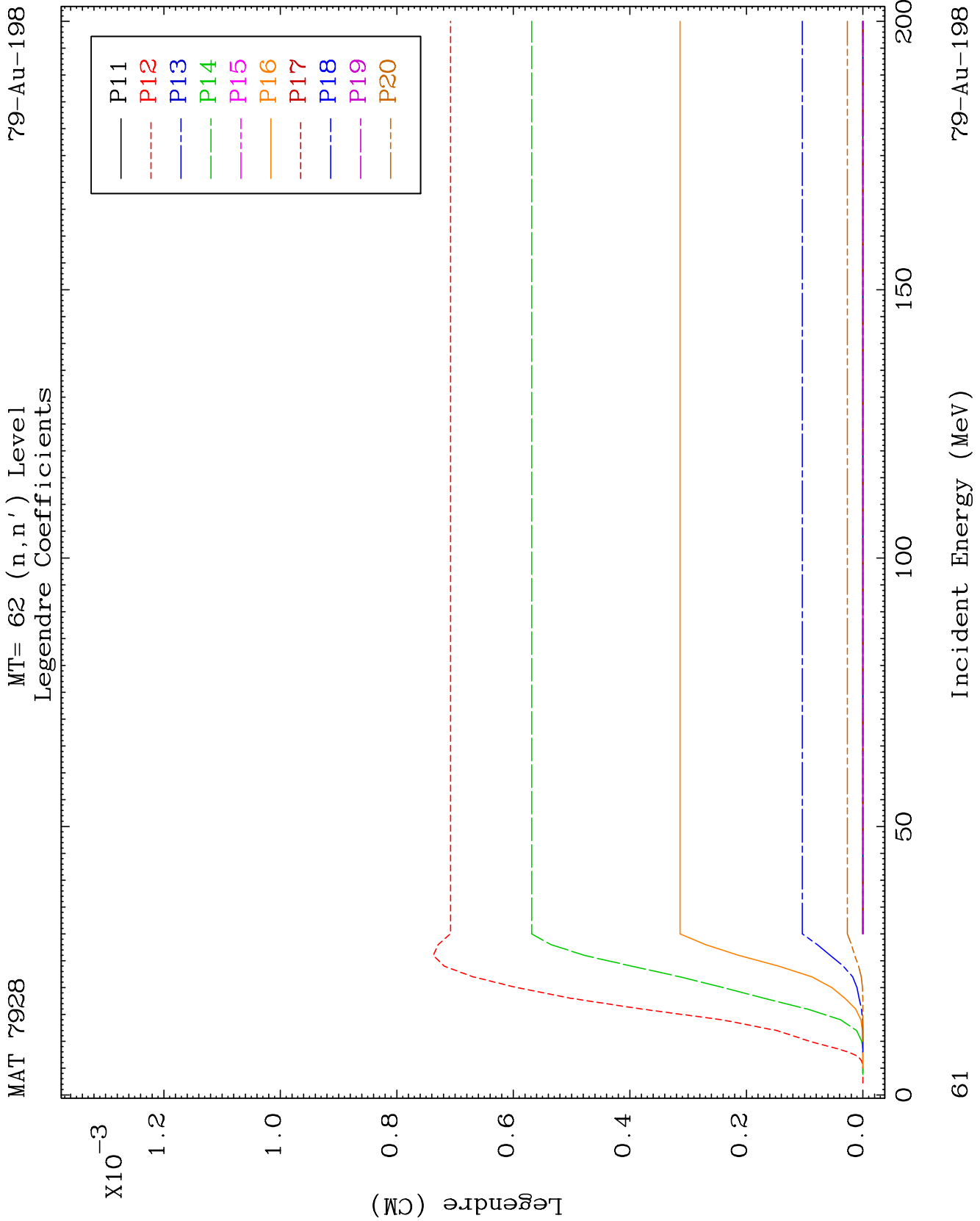


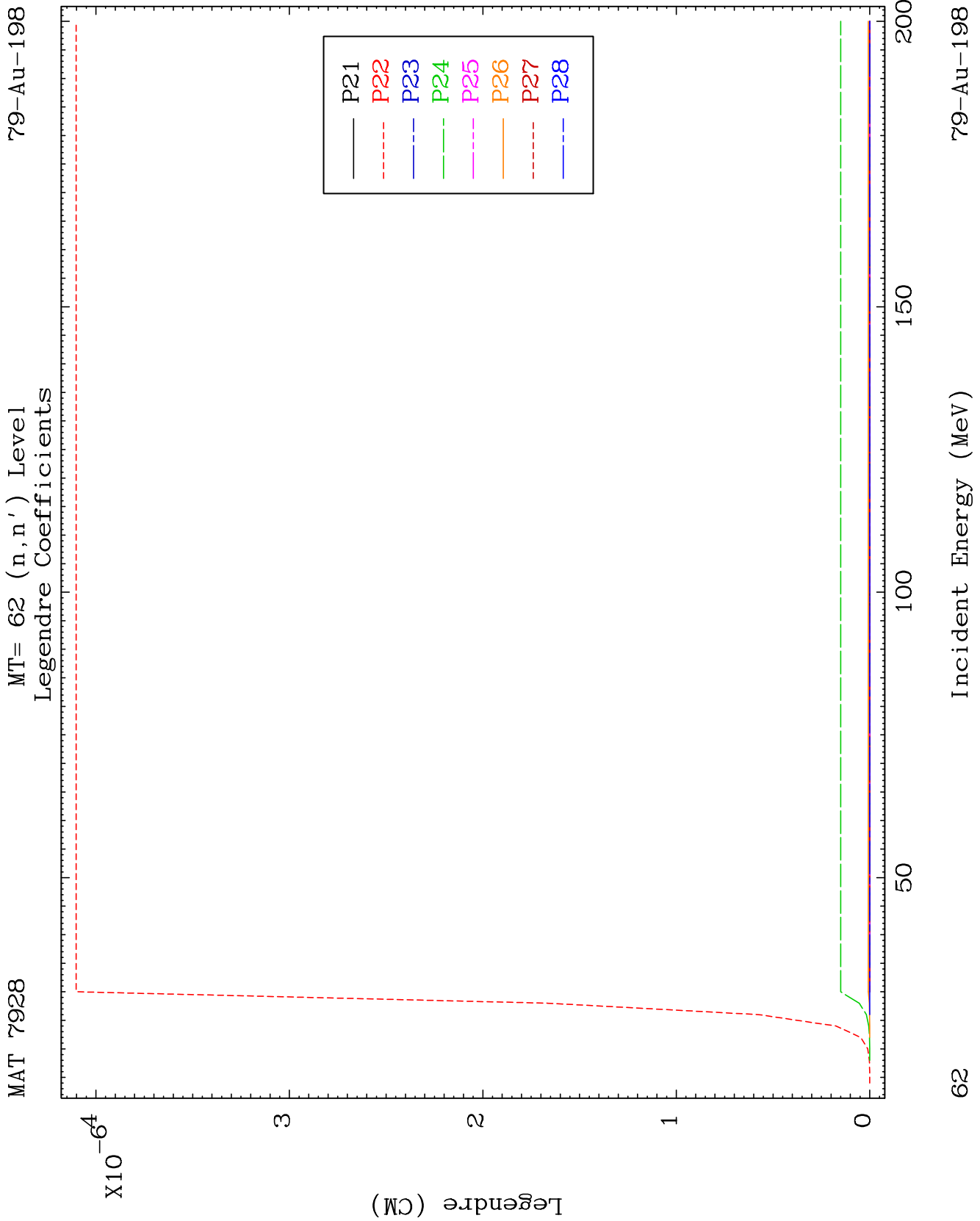
MAT 7928

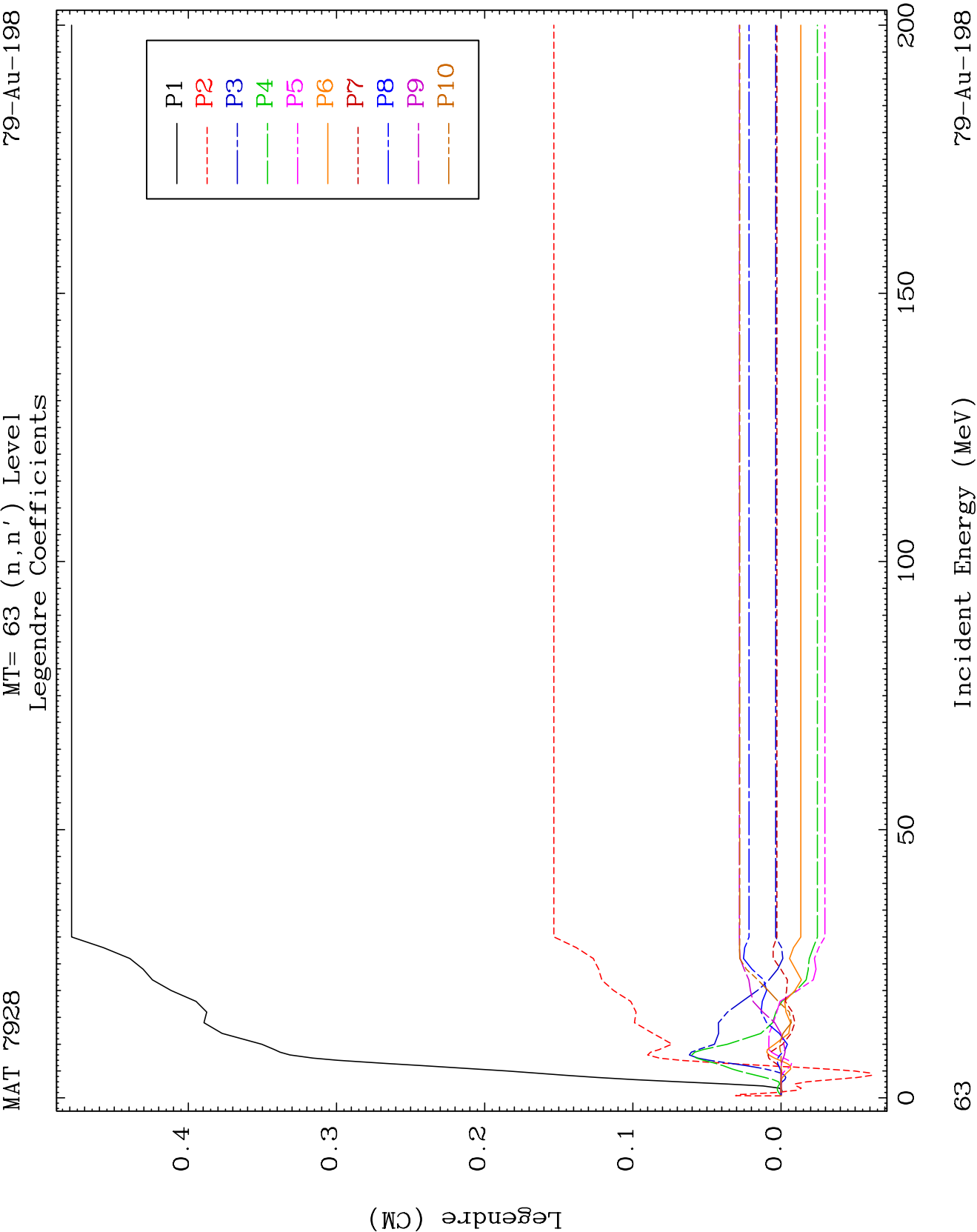
MT= 62 (n, n') Level
Legendre Coefficients

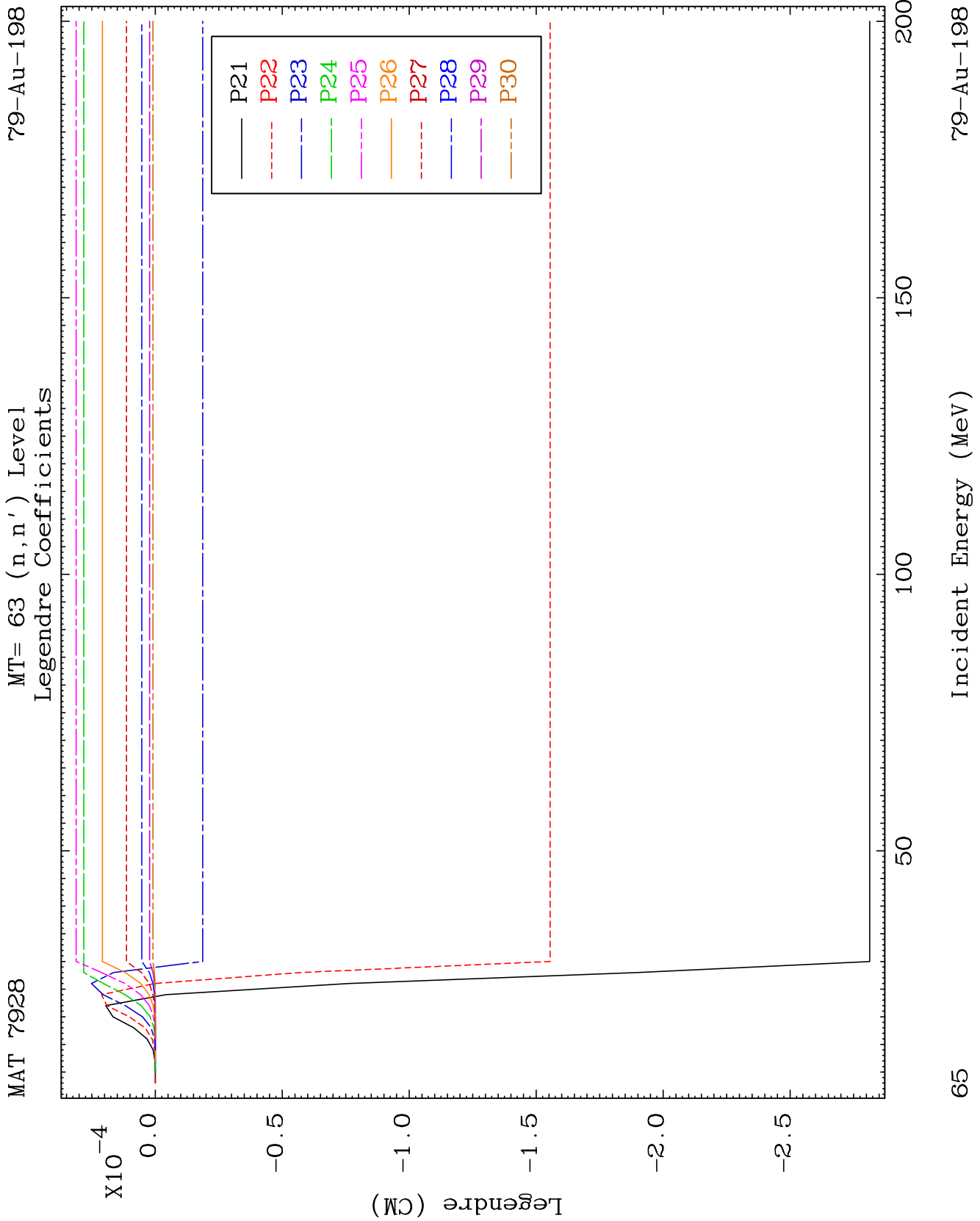
79-Au-198

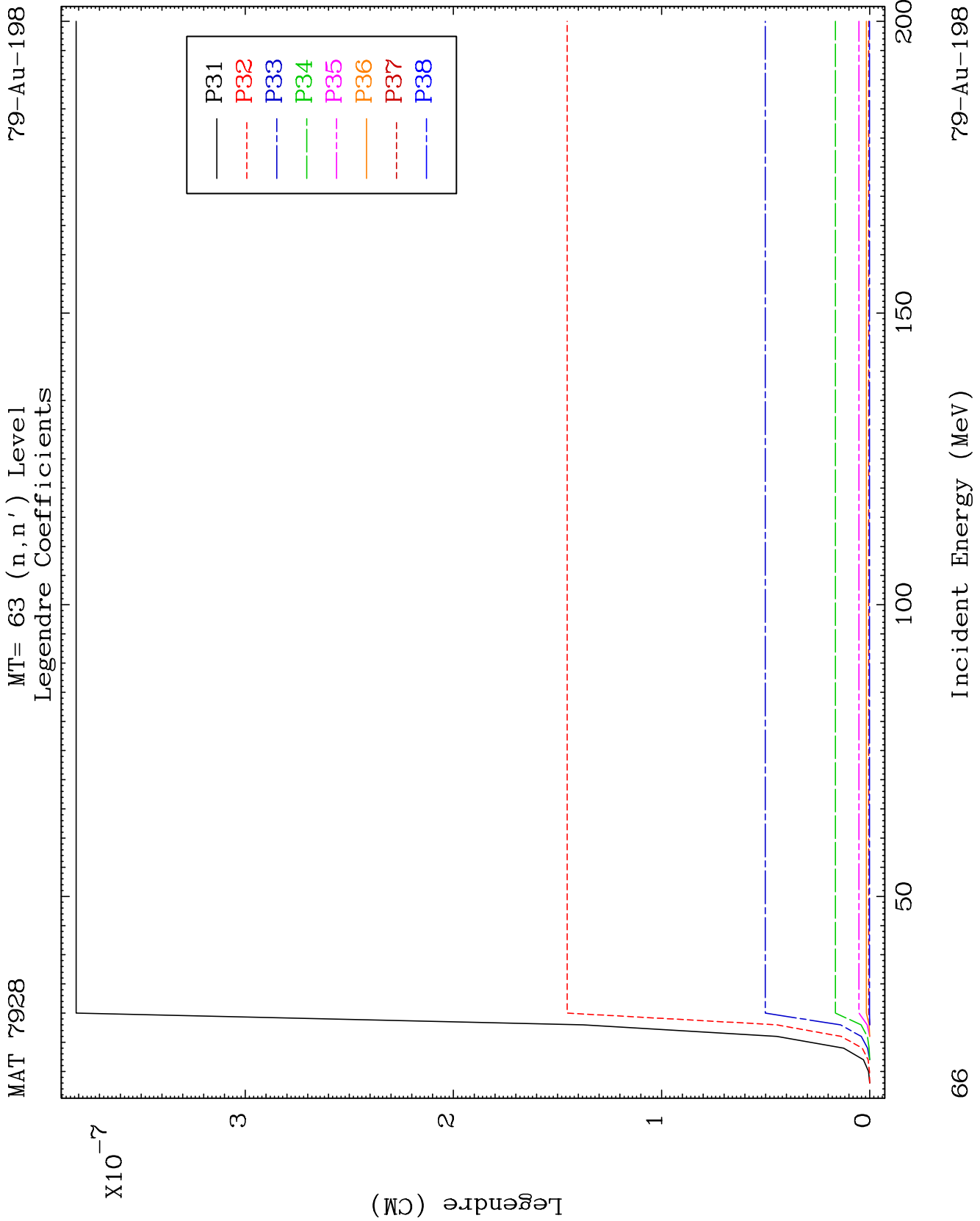


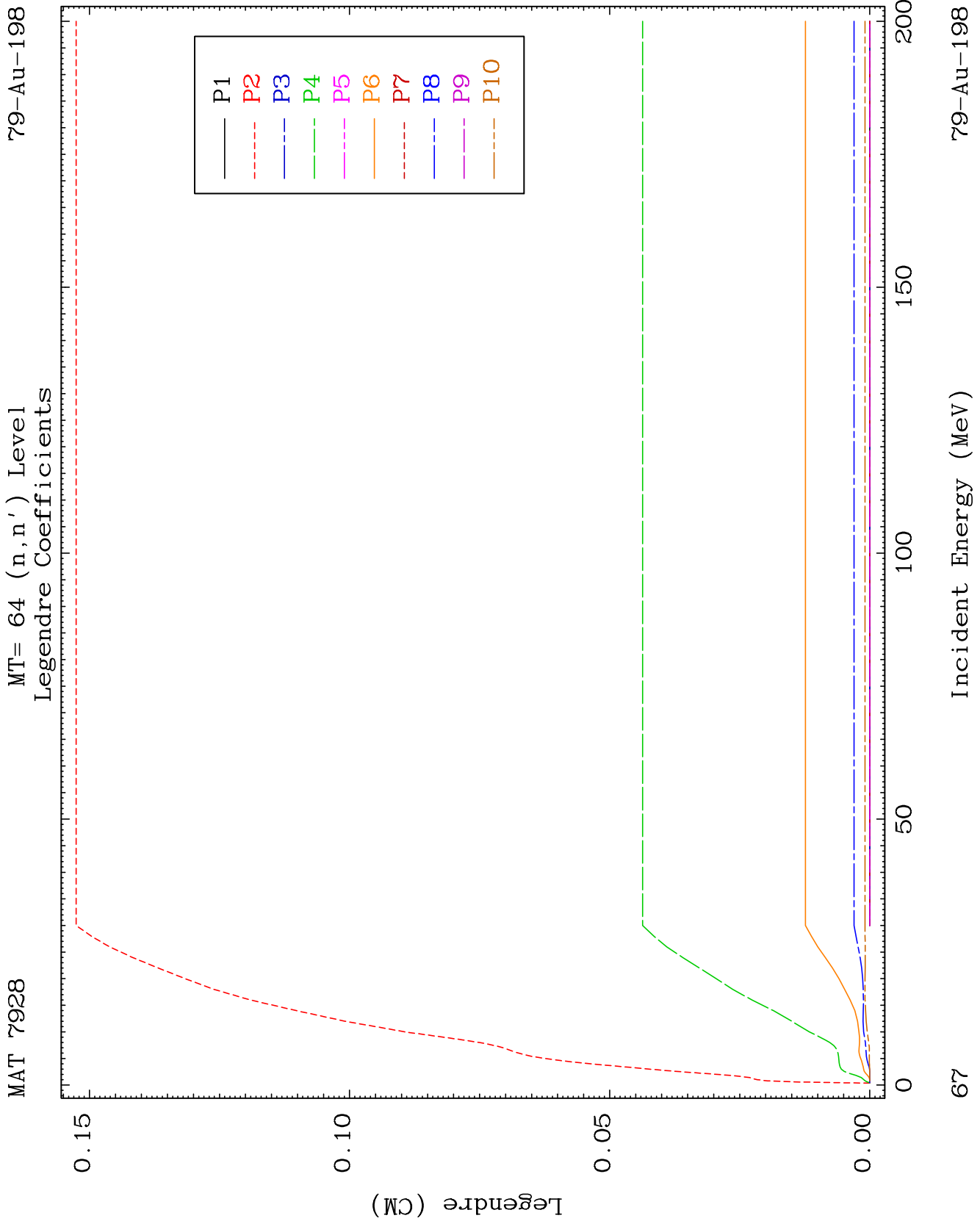


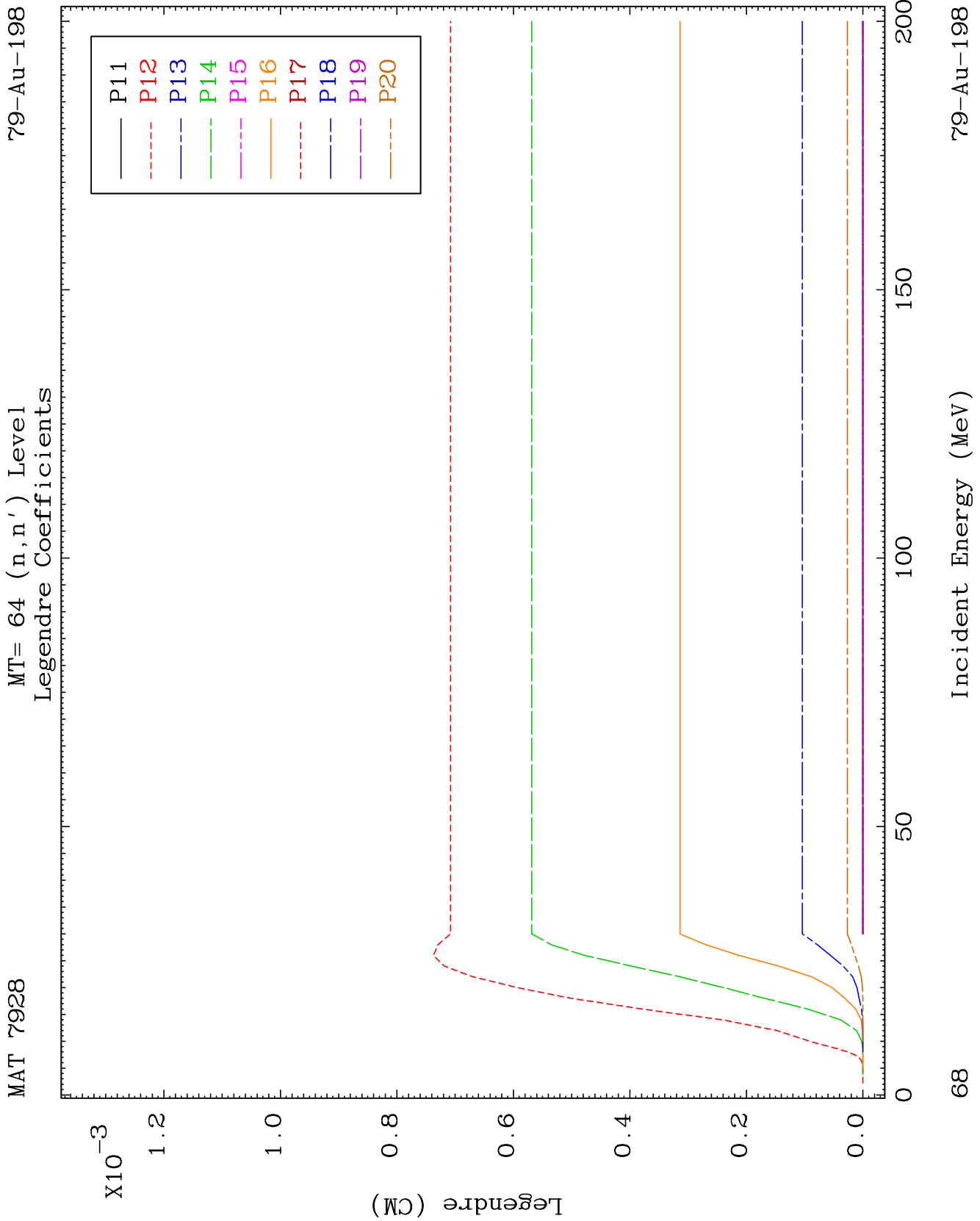


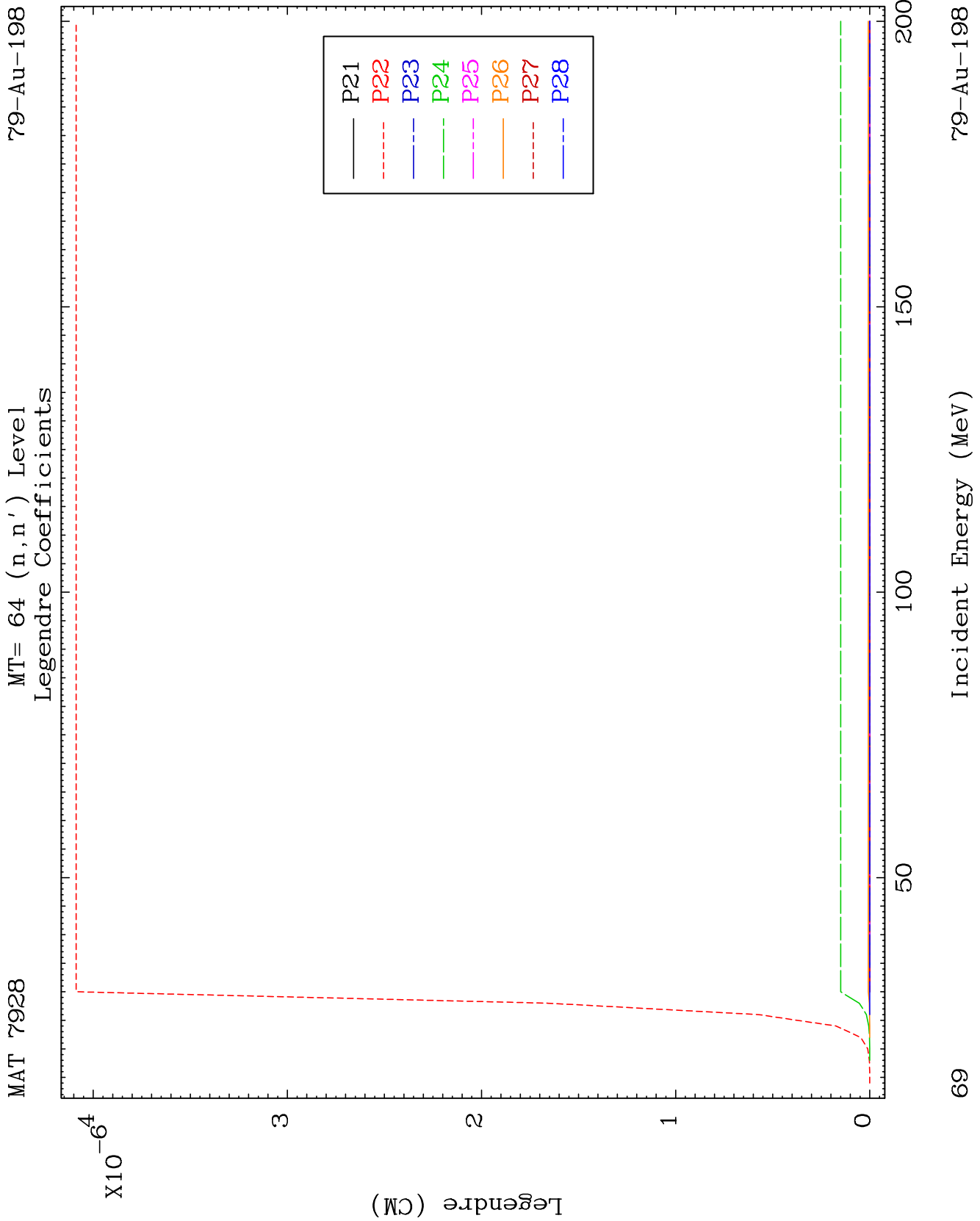








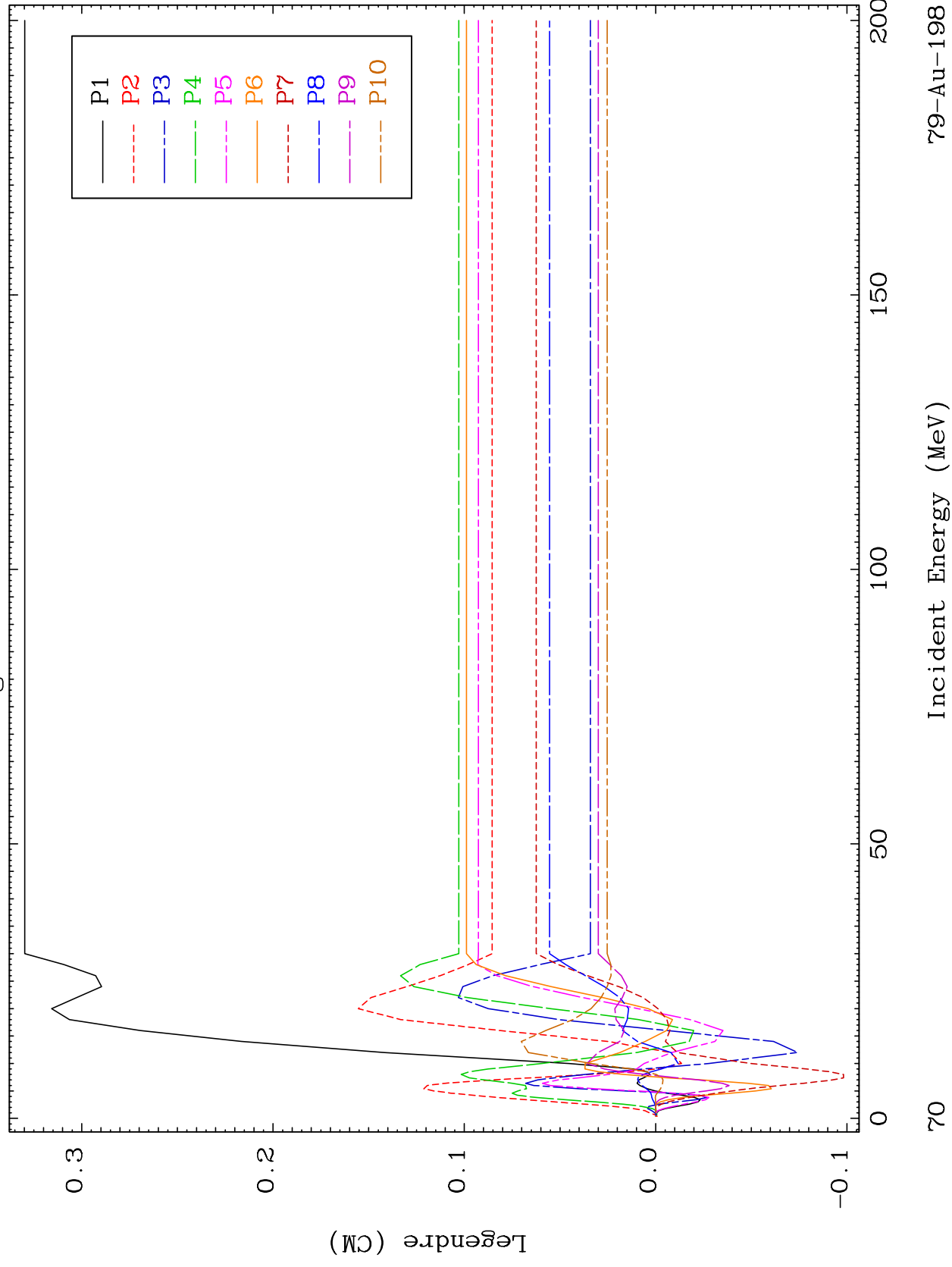


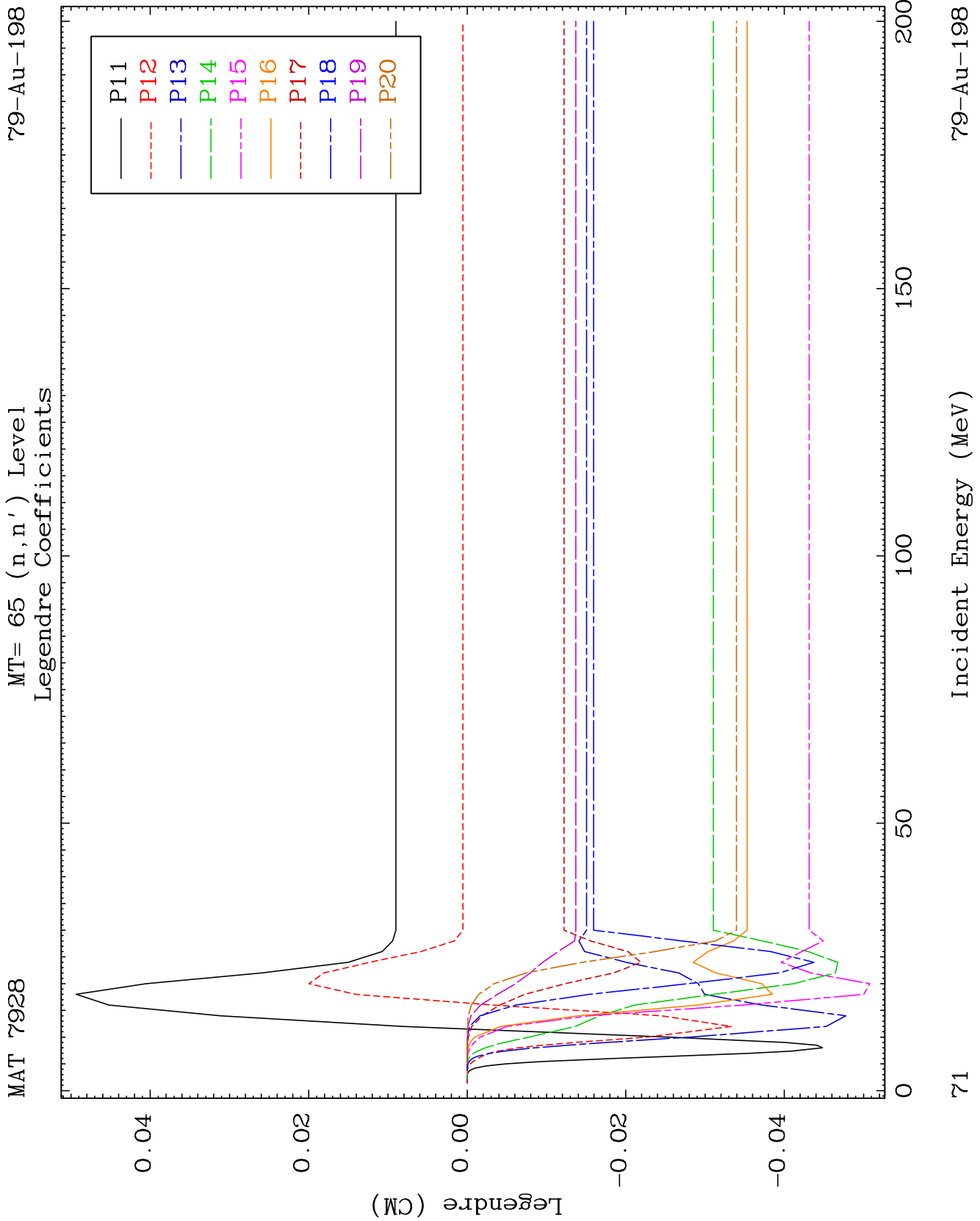


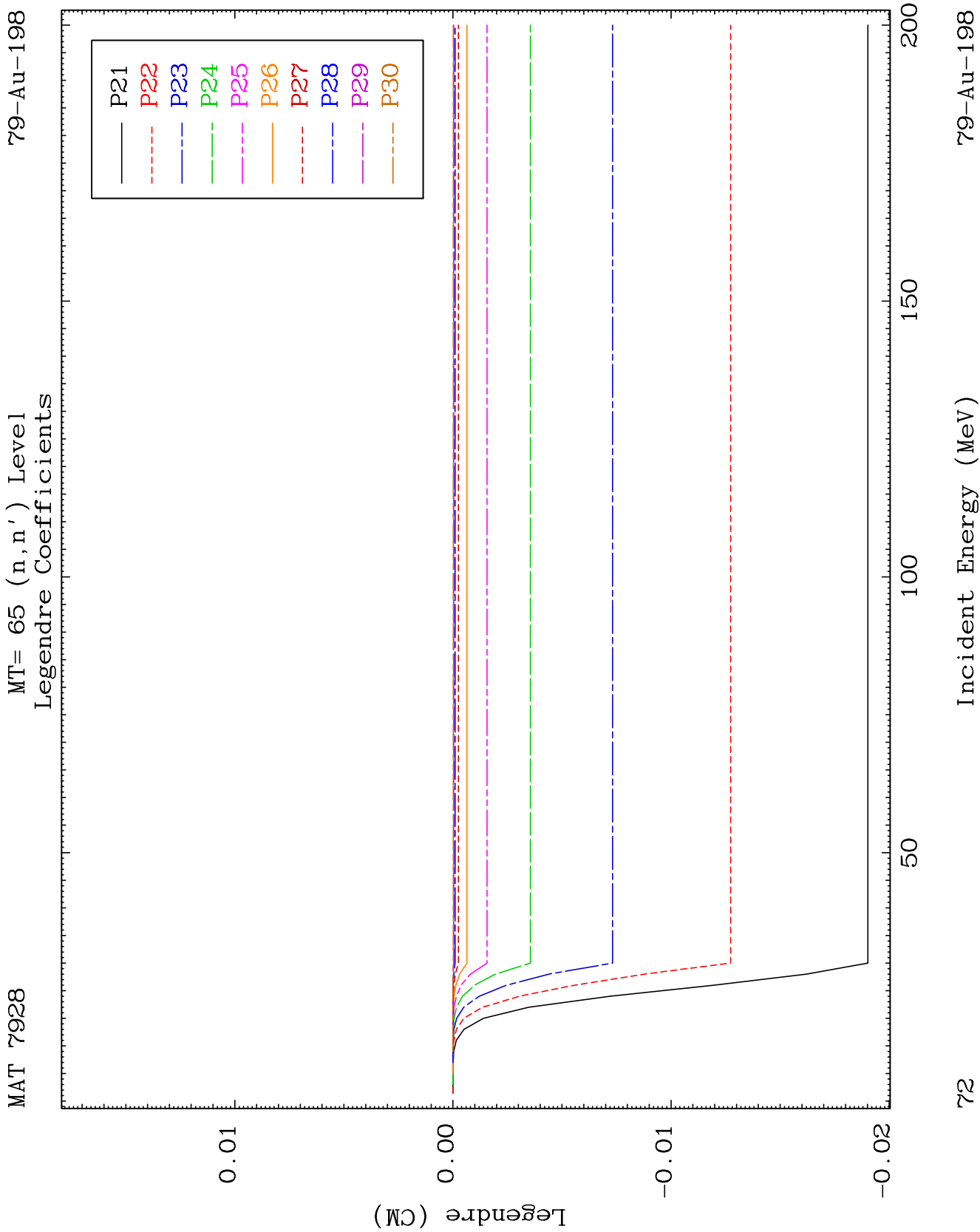
MAT 7928

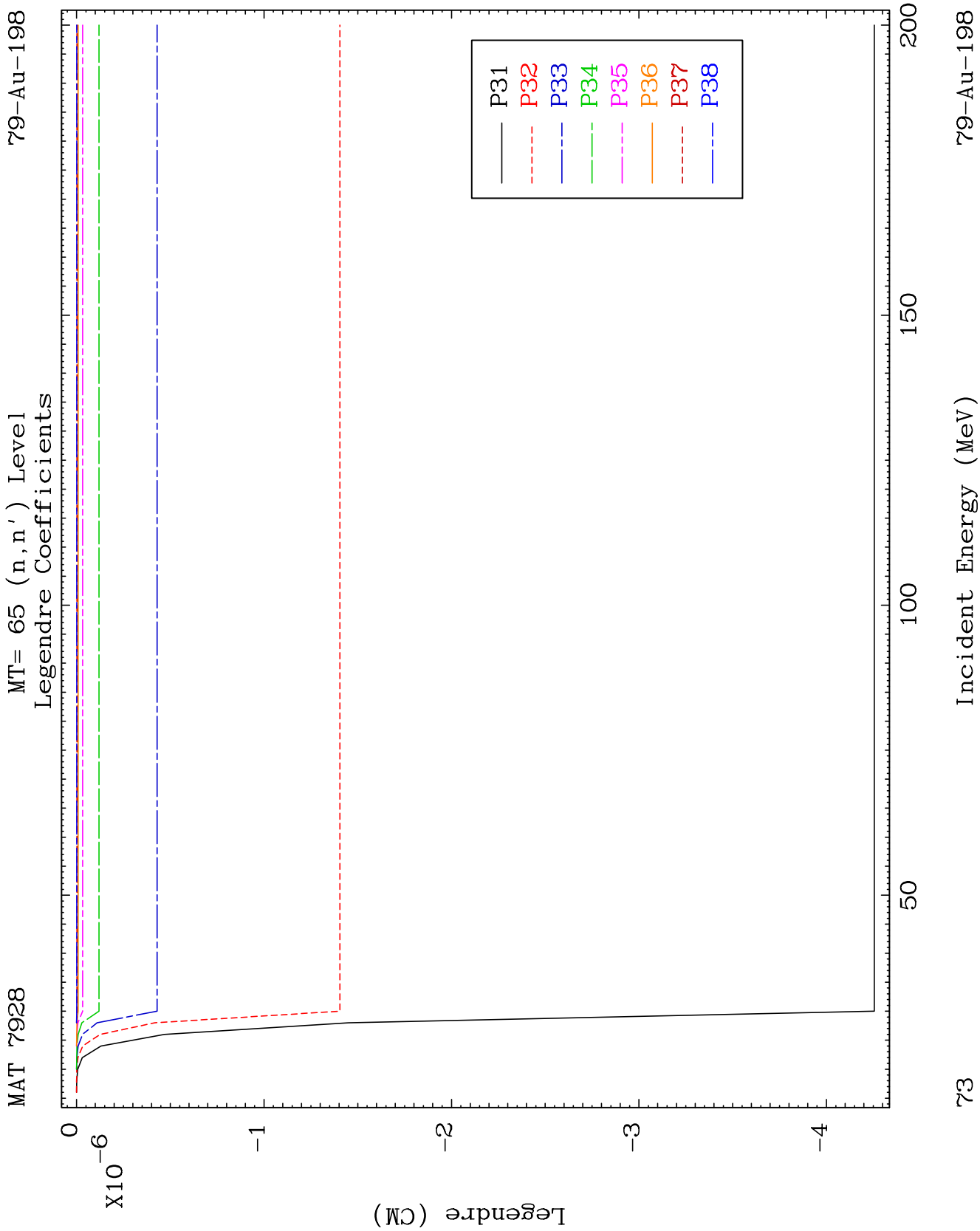
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Legendre Coefficients

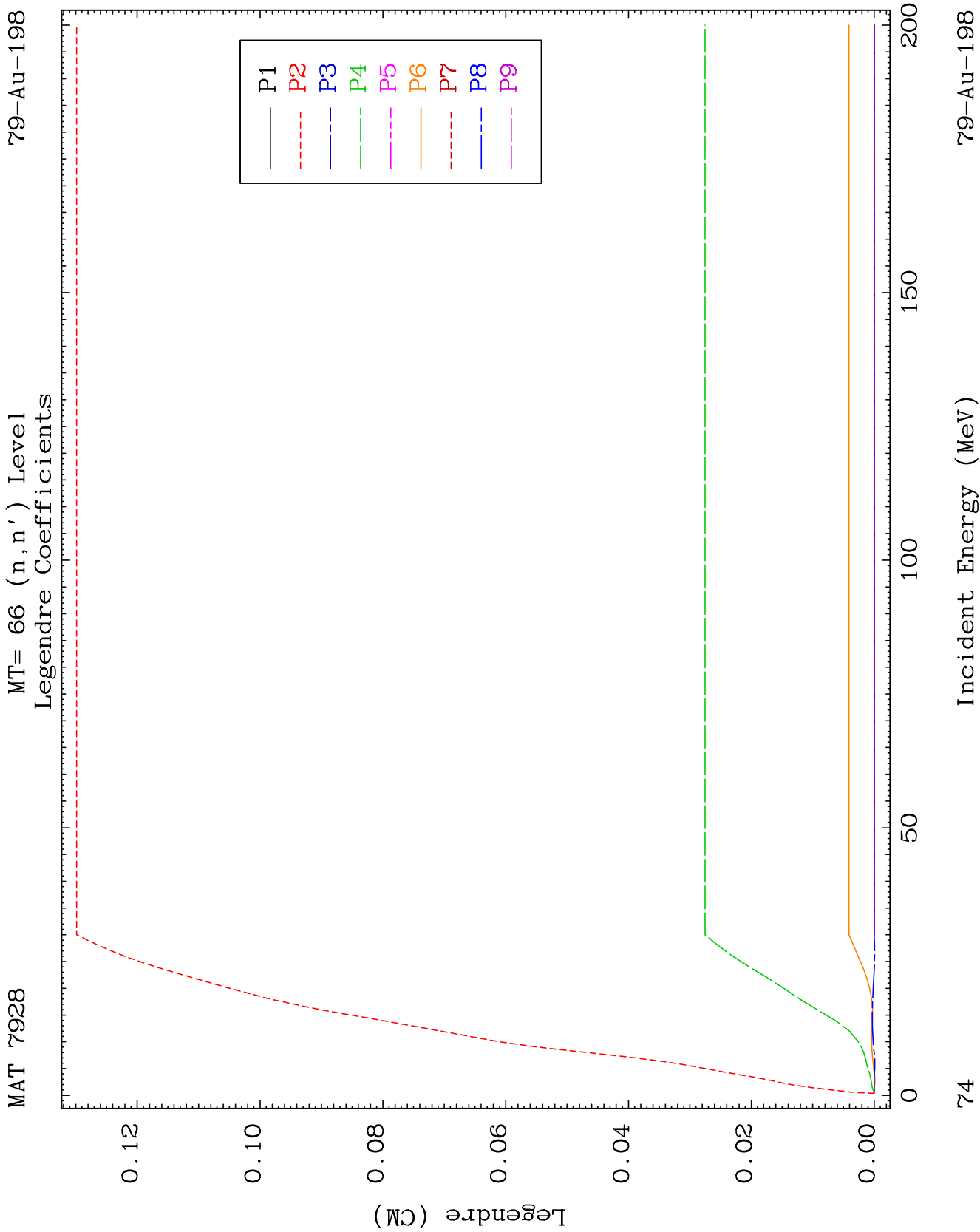
79-Au-198

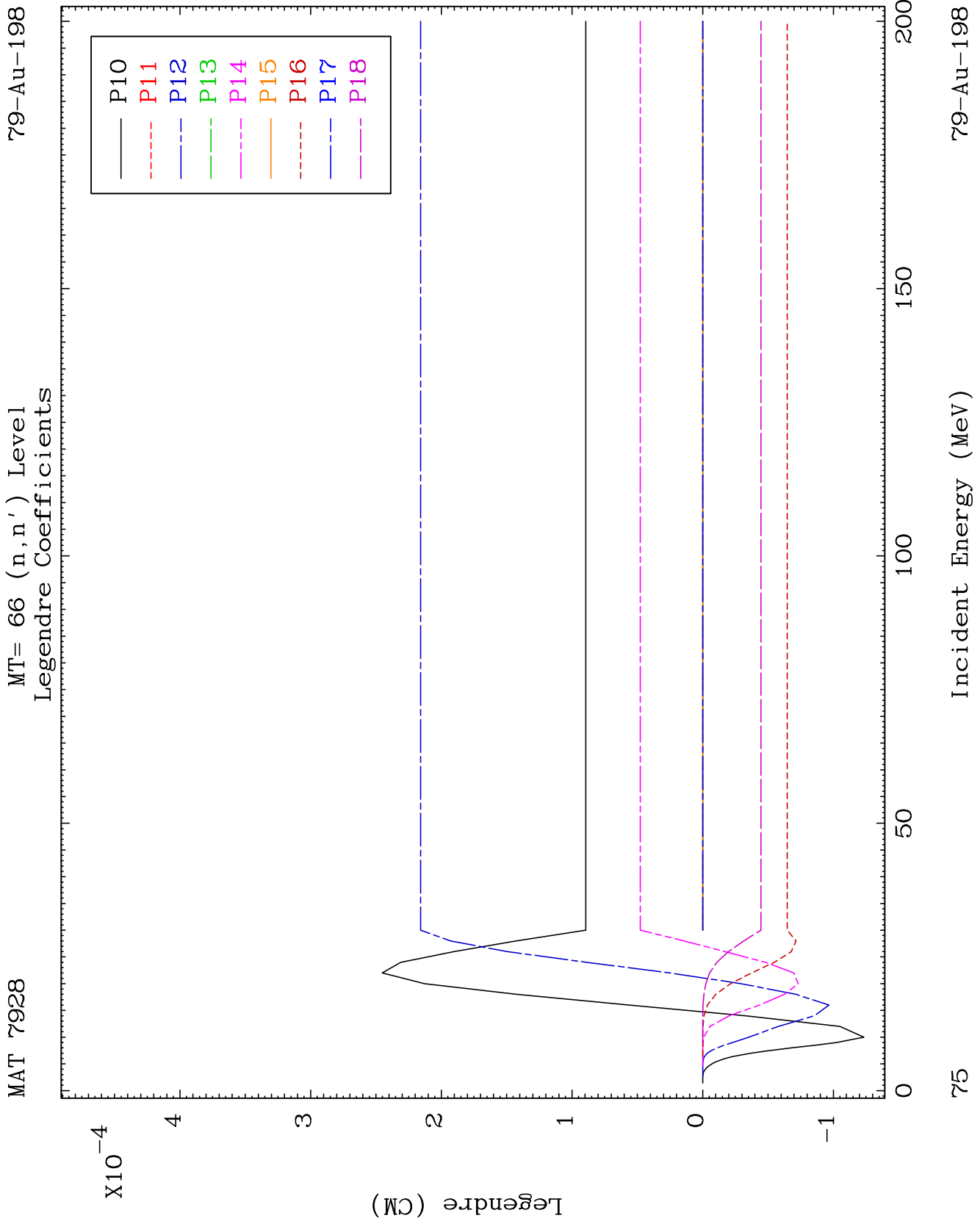


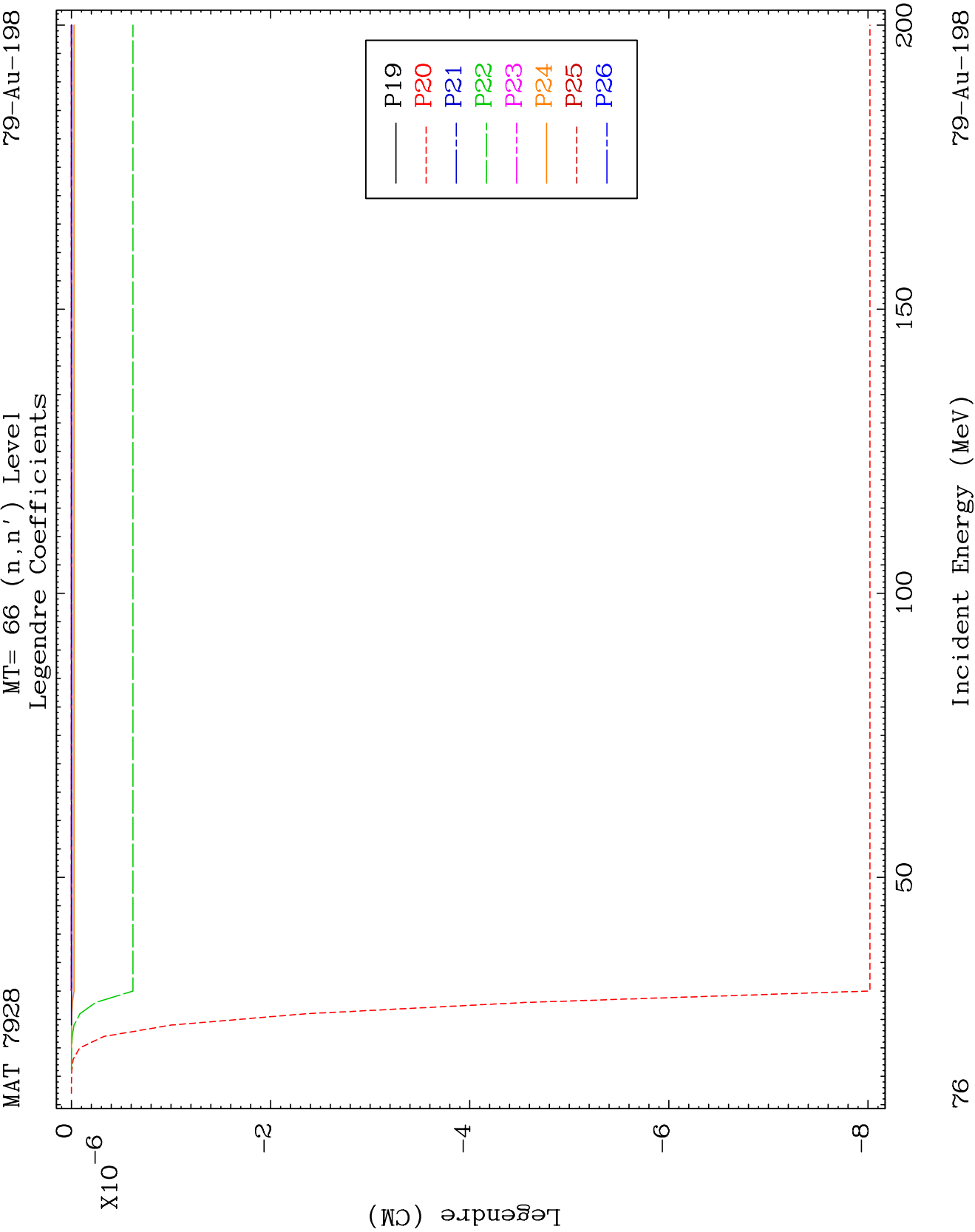


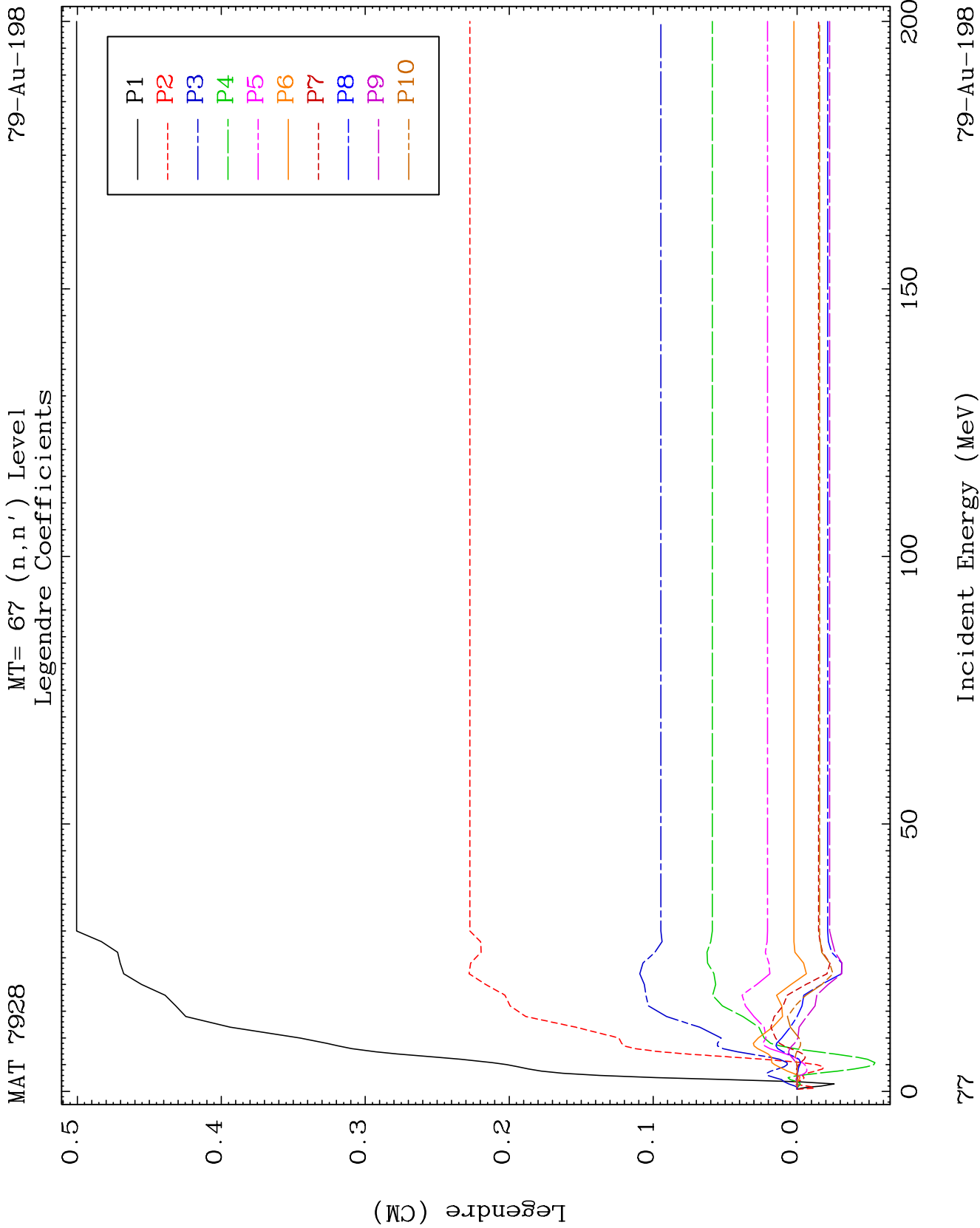


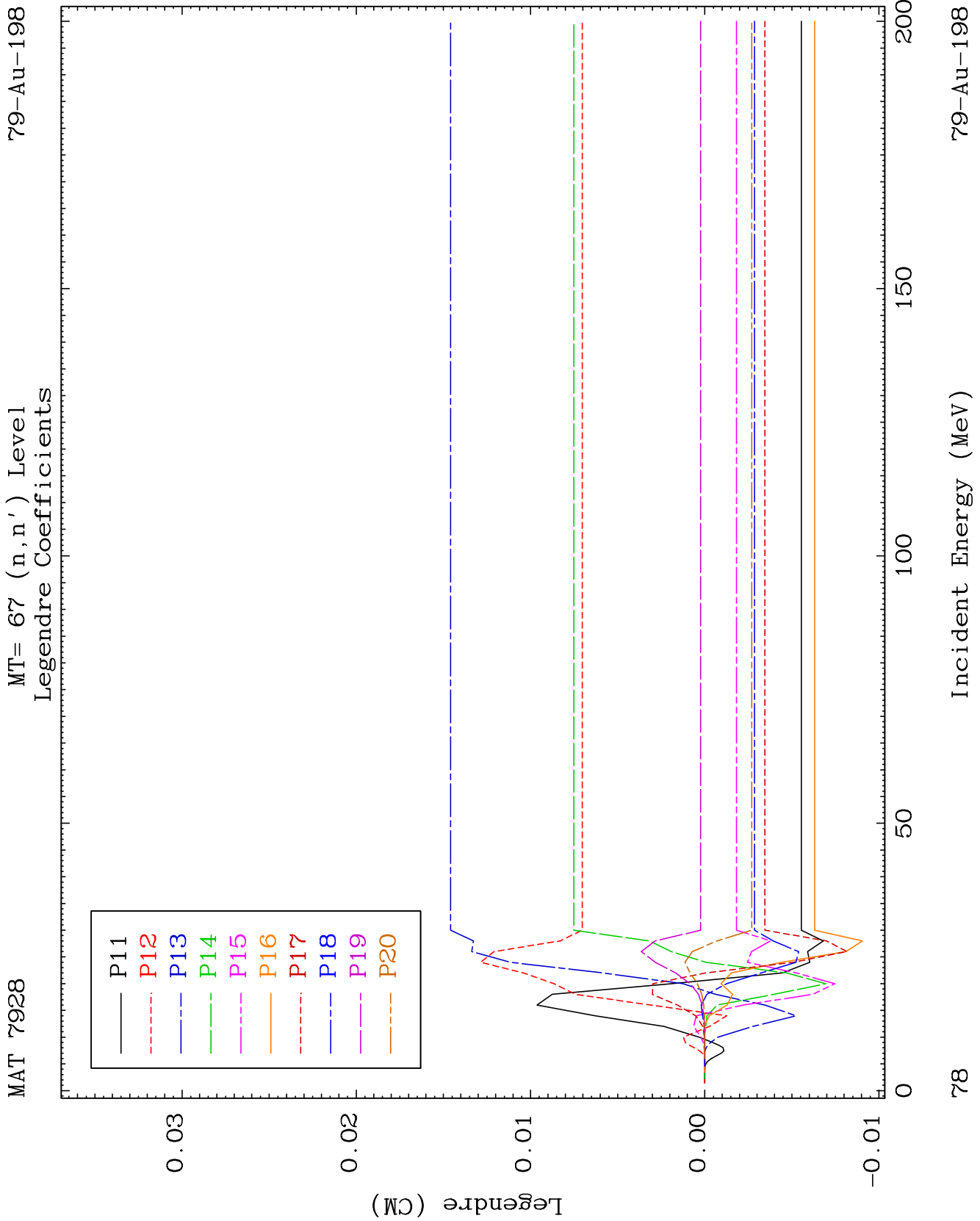


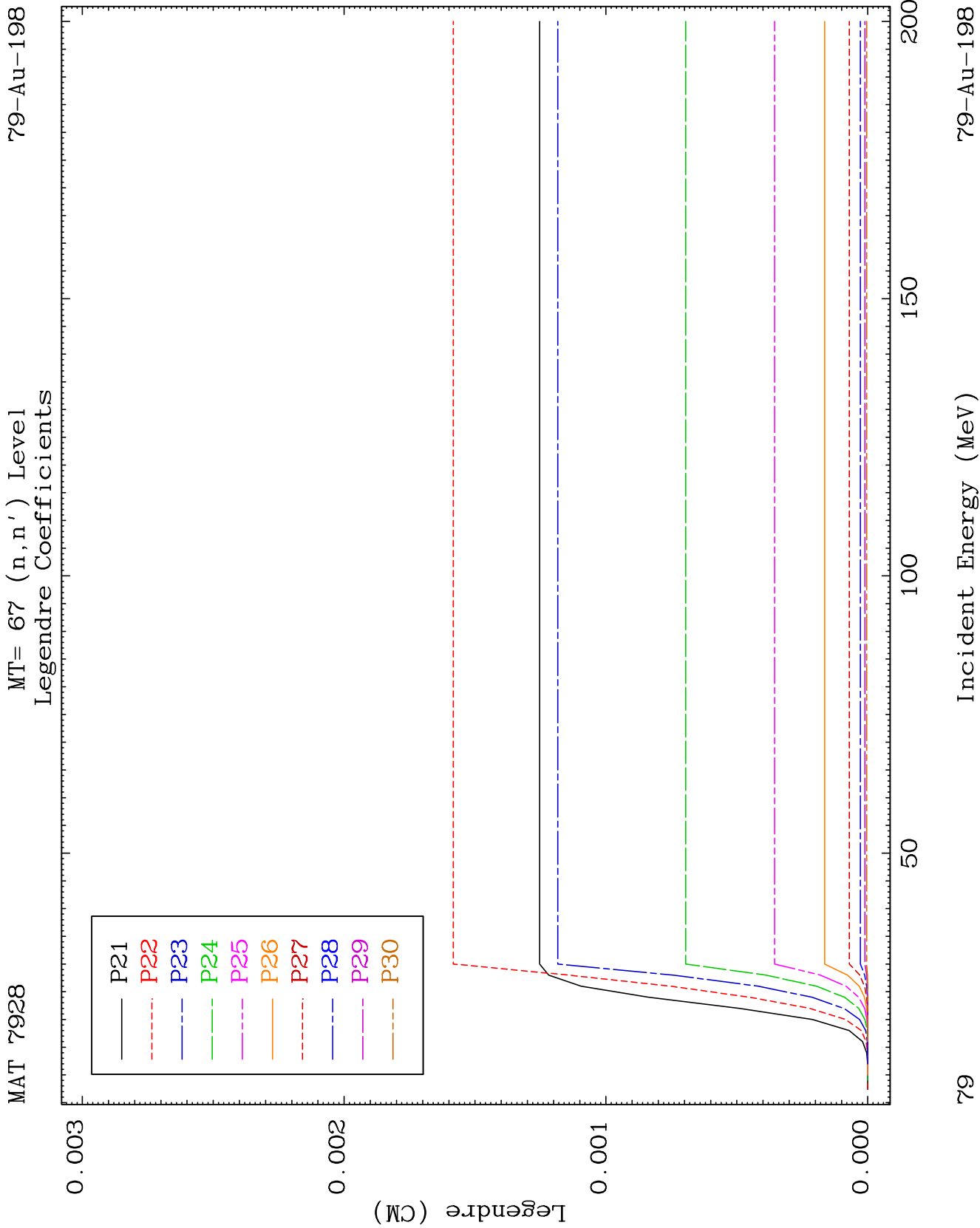


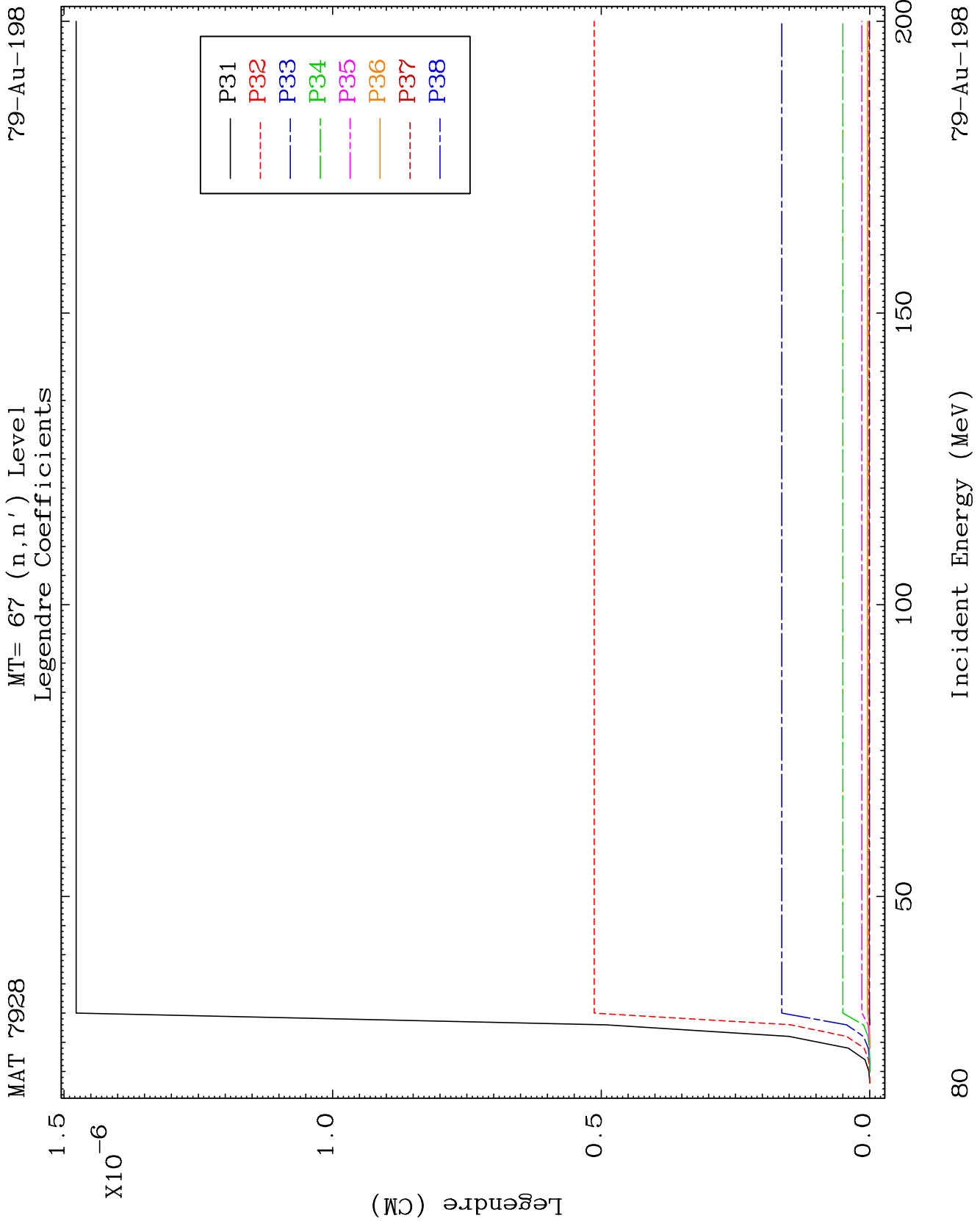








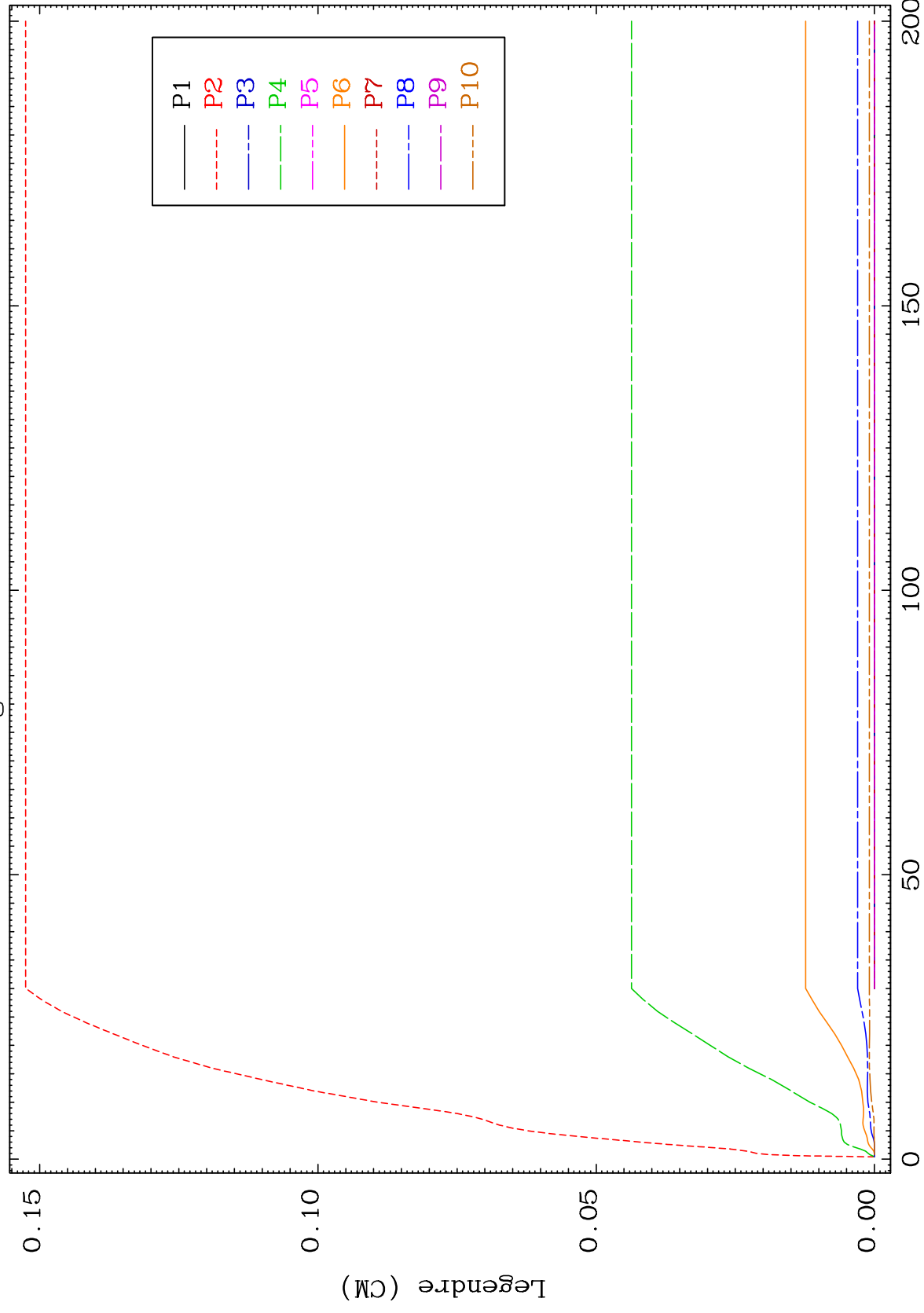




MAT 7928

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

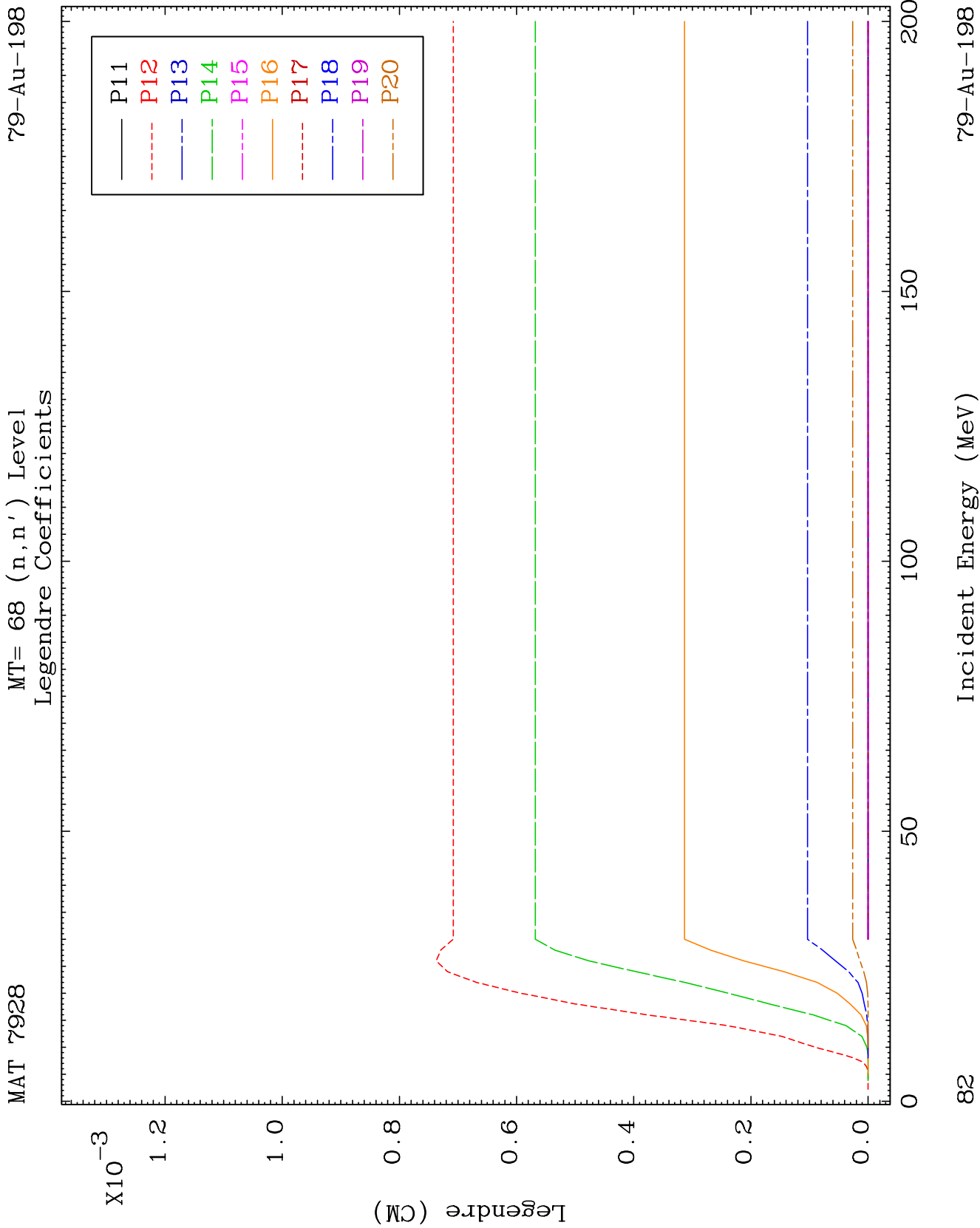
79-Au-198

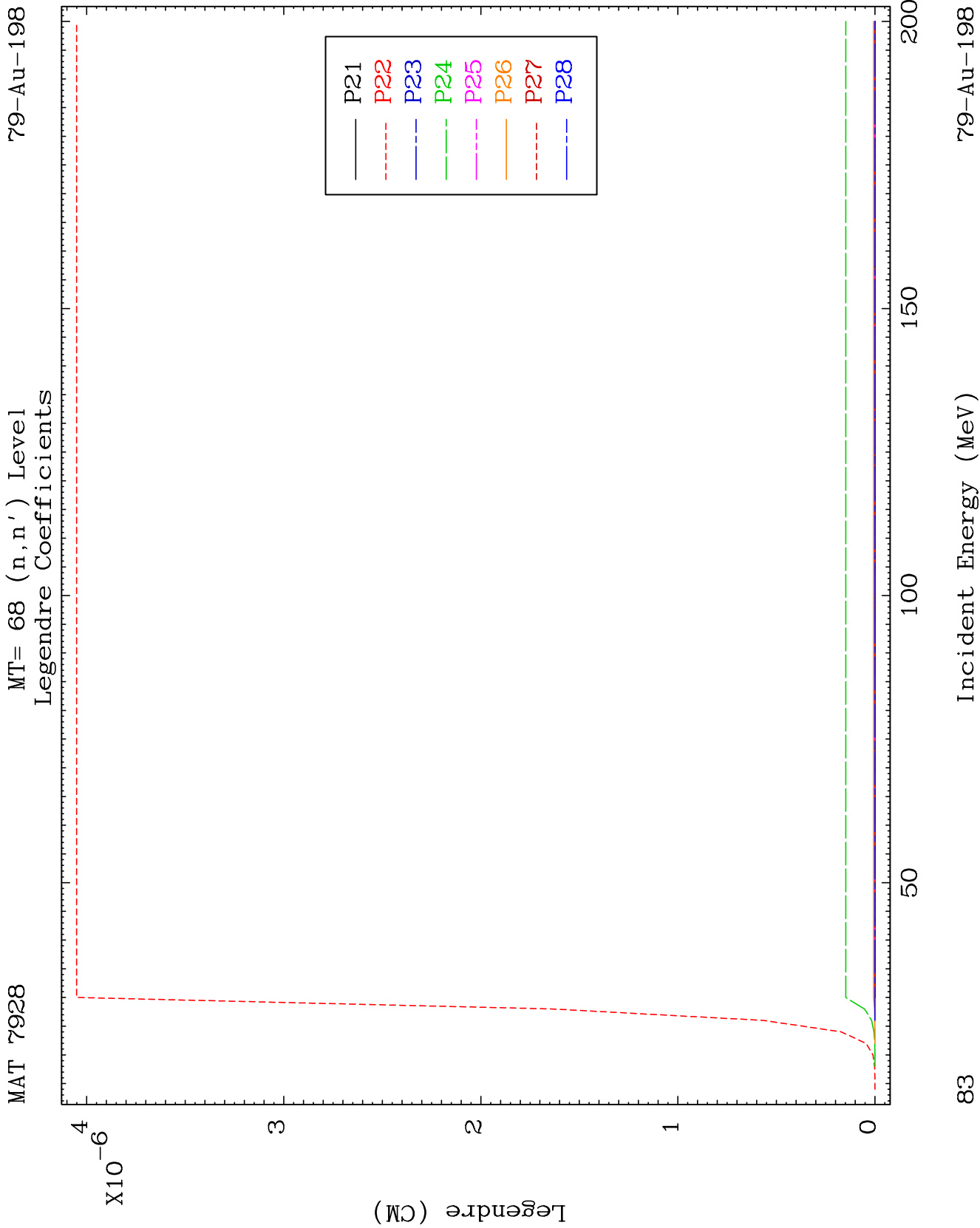


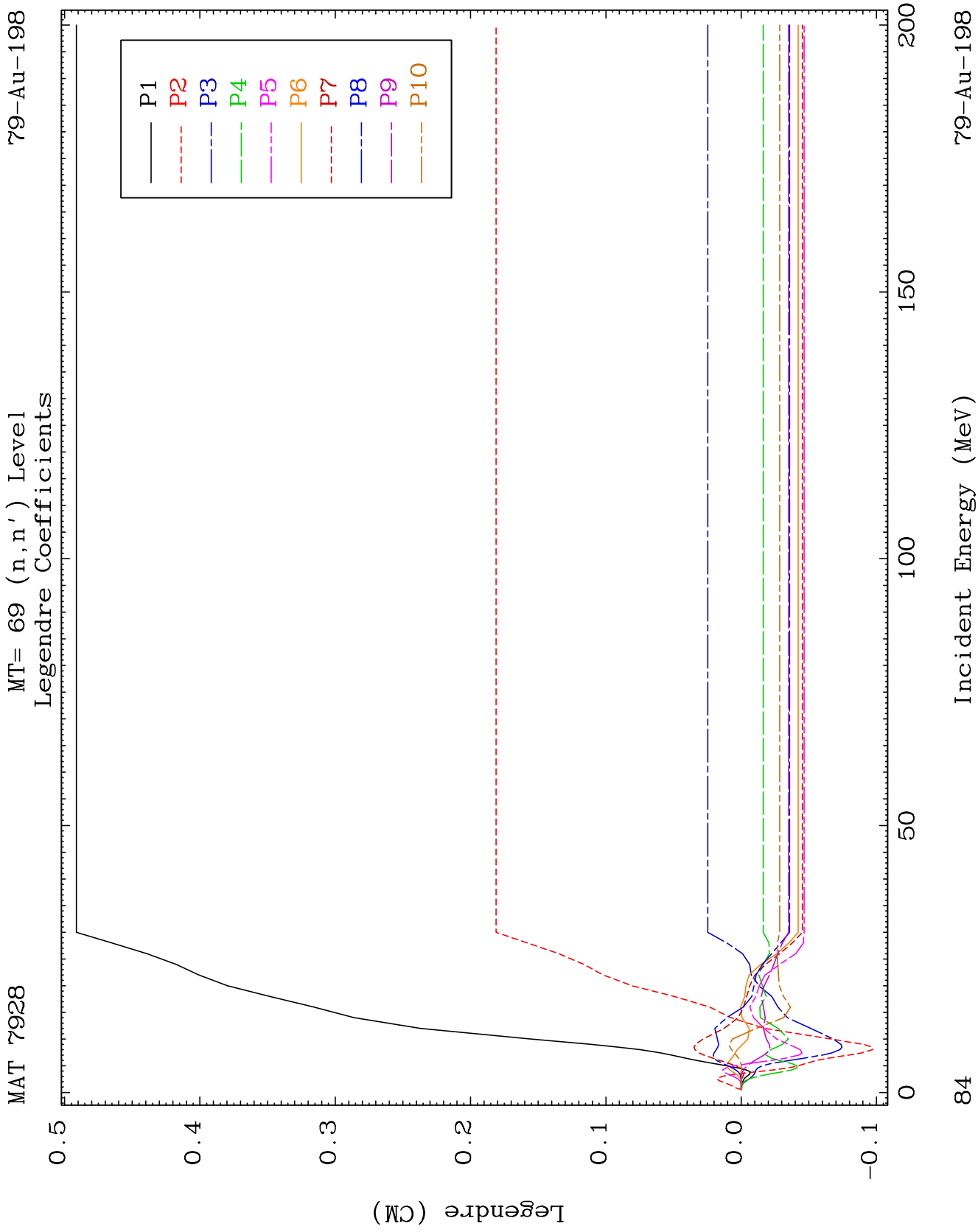
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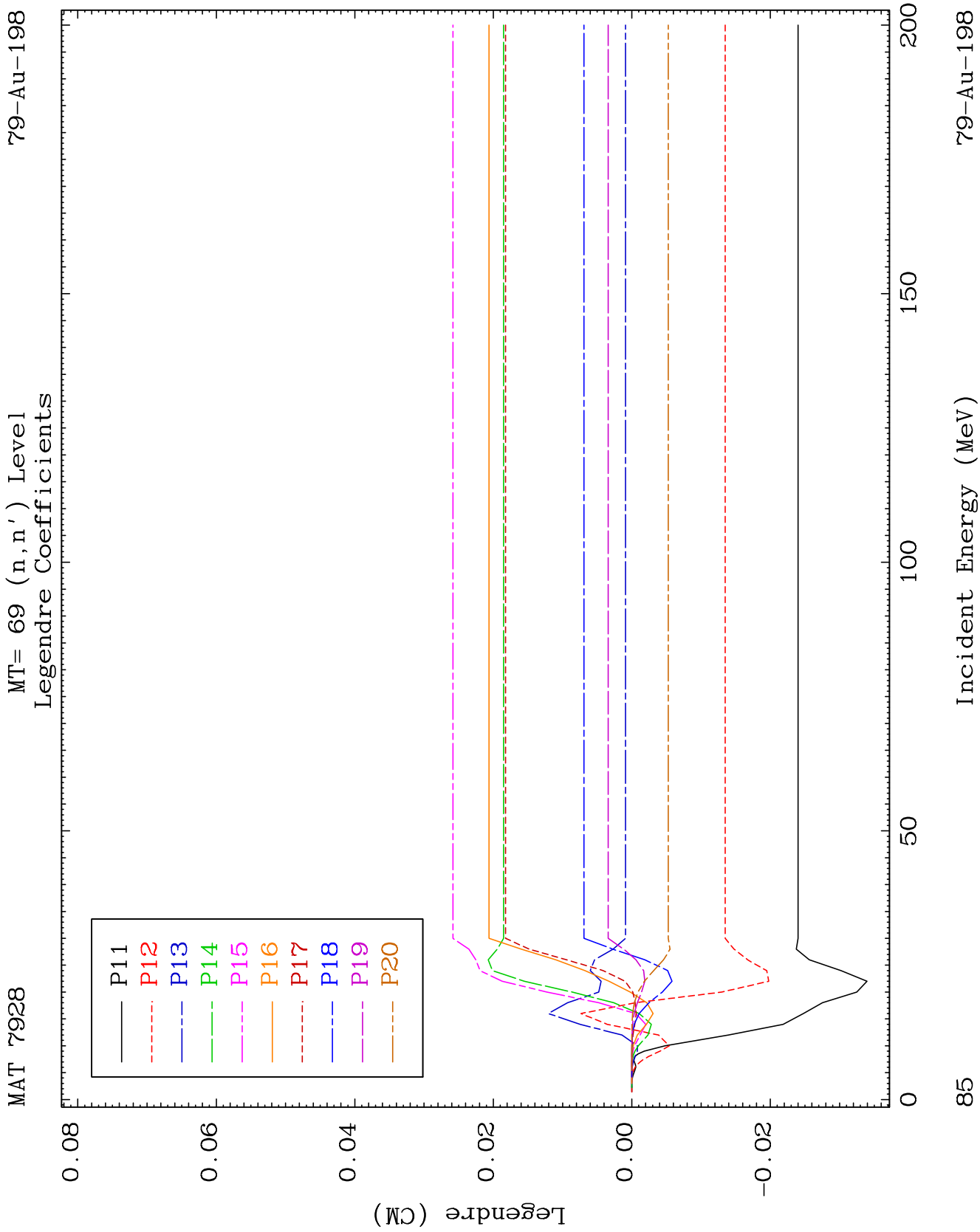
Incident Energy (MeV)

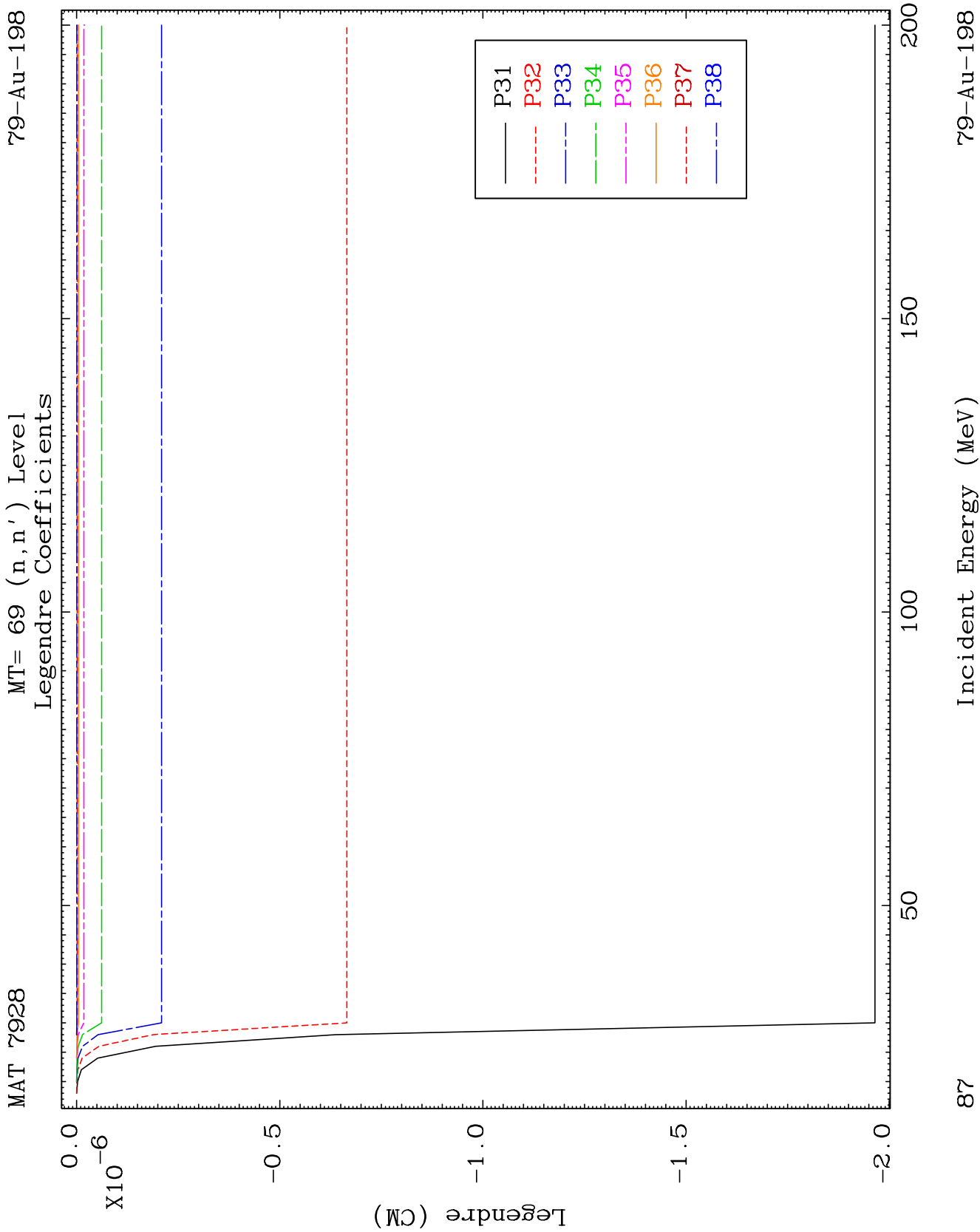
79-Au-198

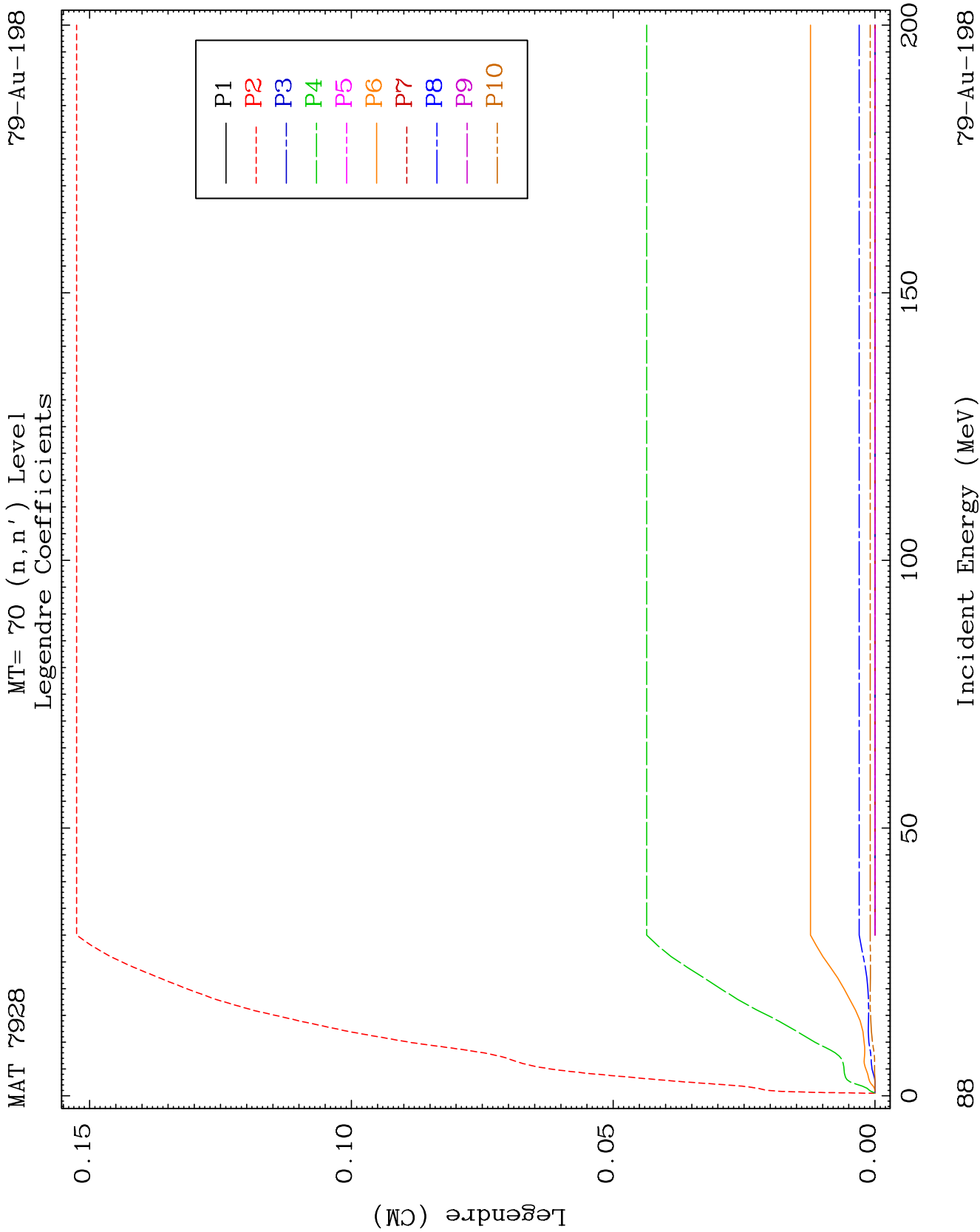


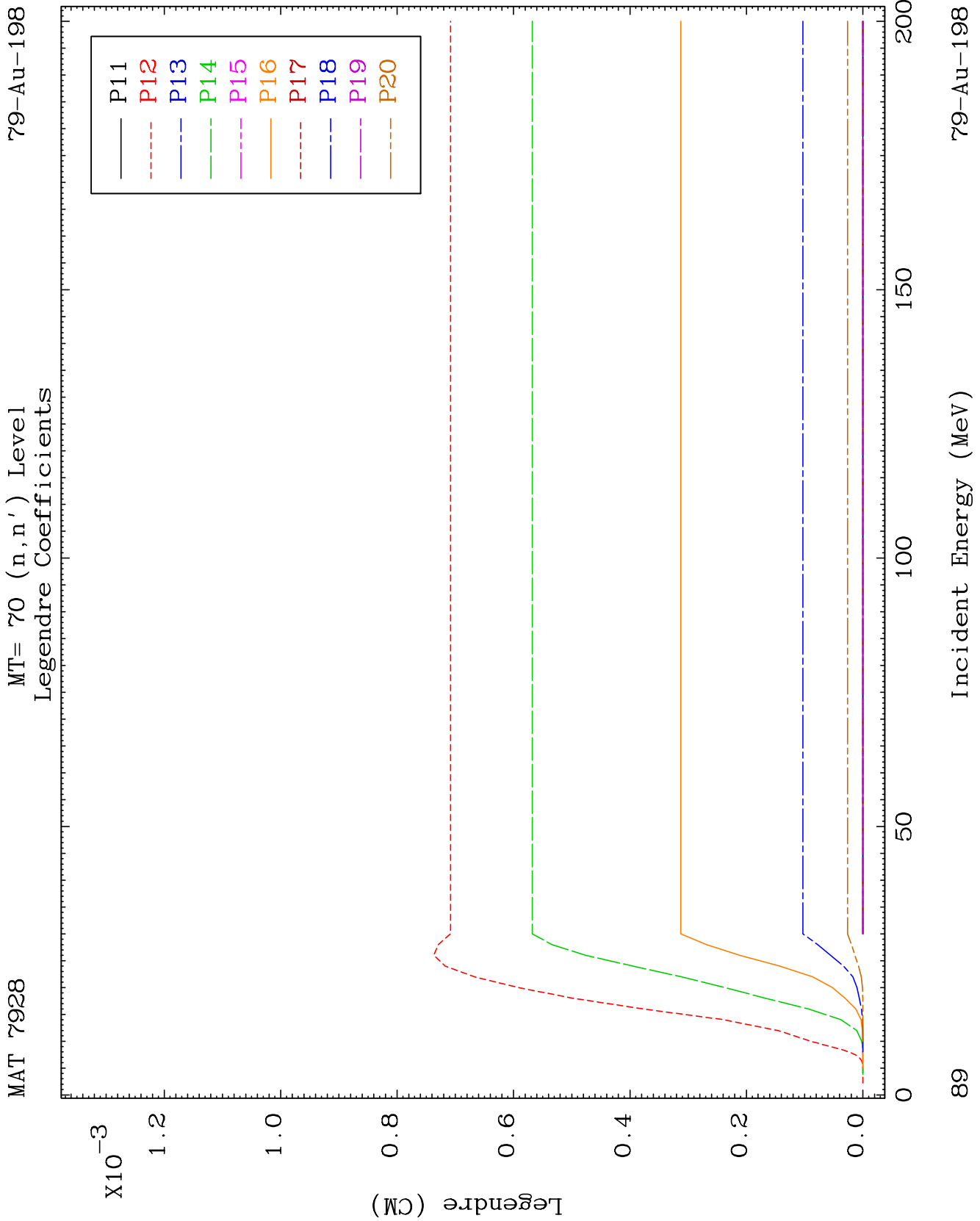








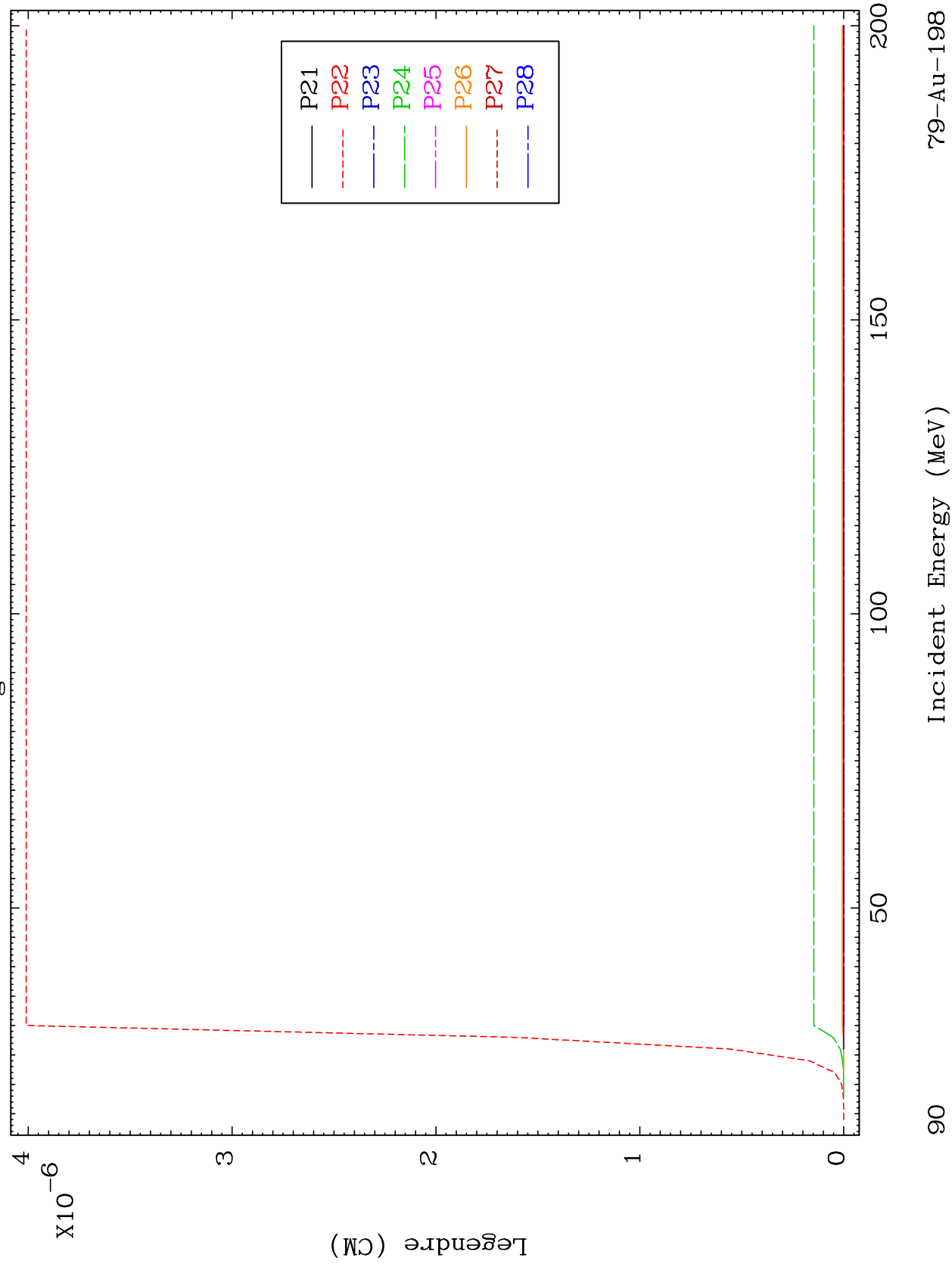




MAT 7928

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

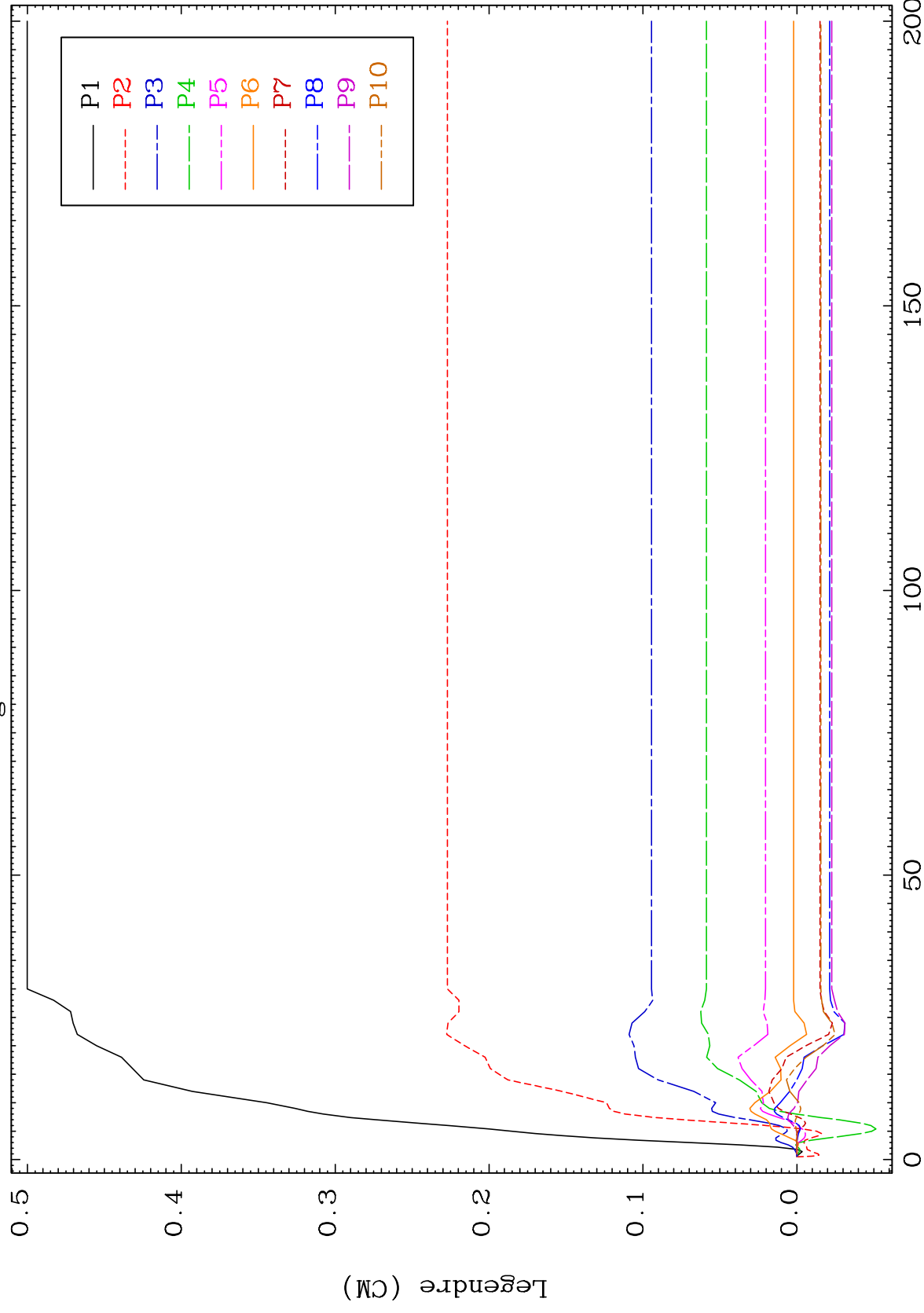
79-Au-198



MAT 7928

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

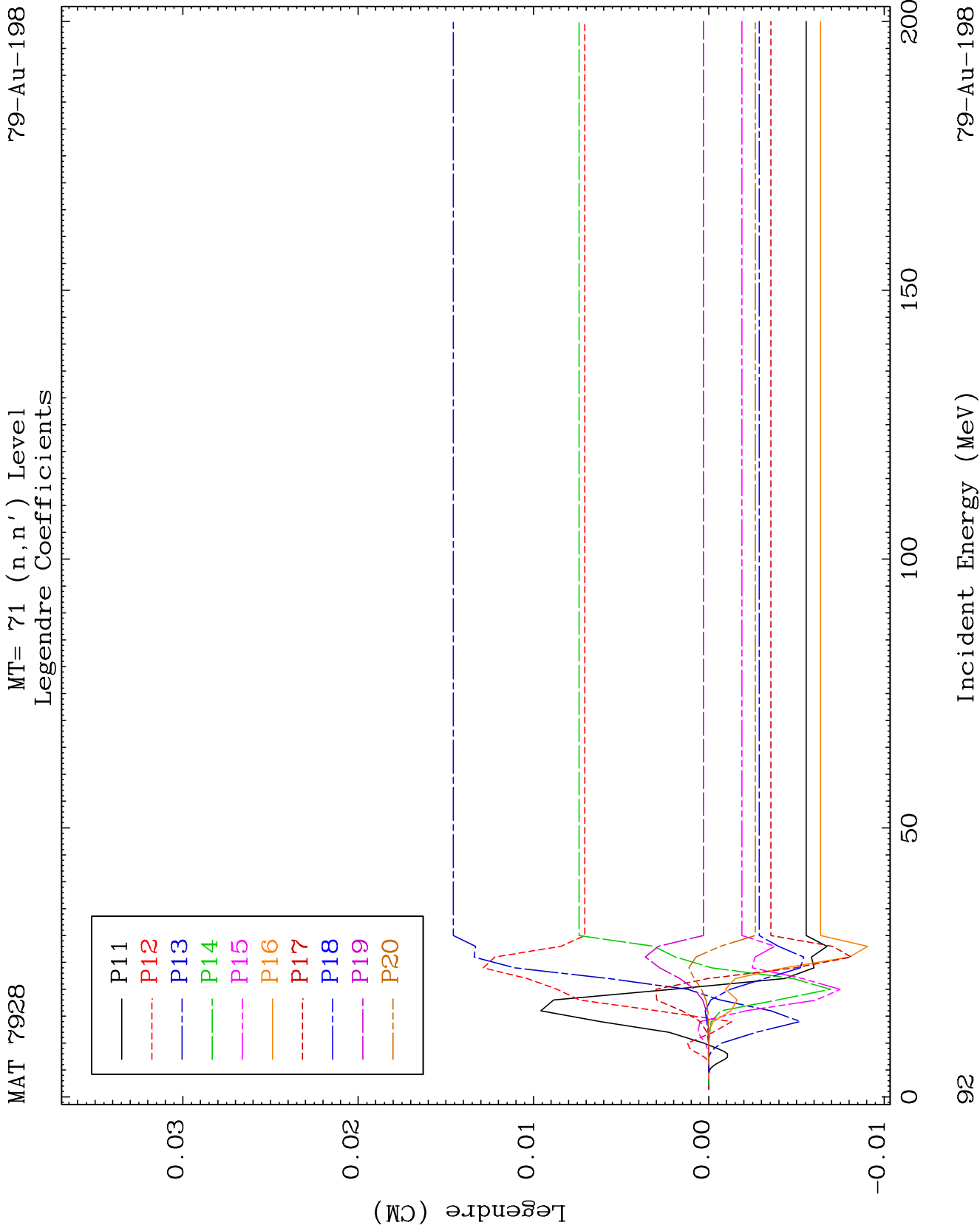
79-Au-198

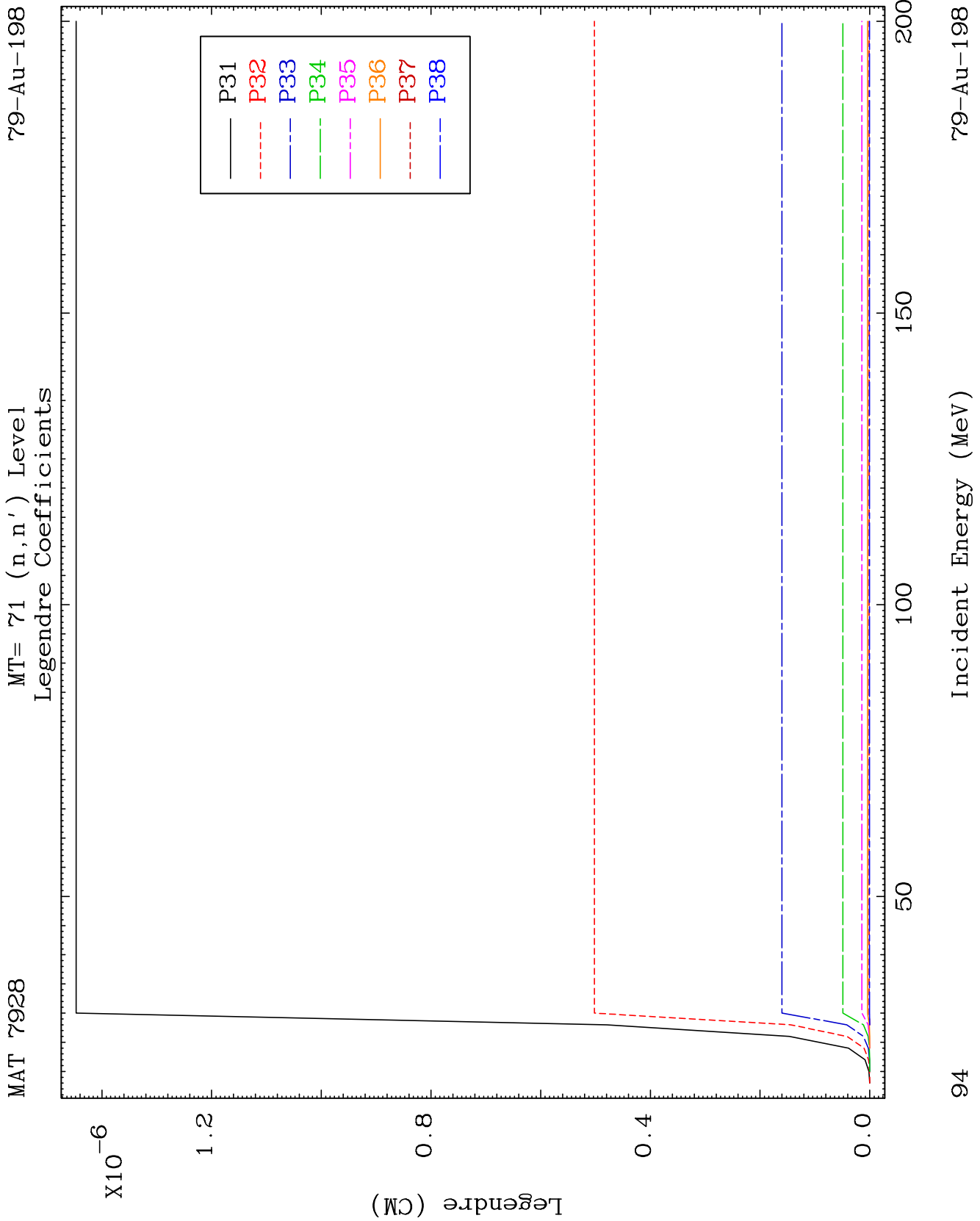


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Incident Energy (MeV)

79-Au-198

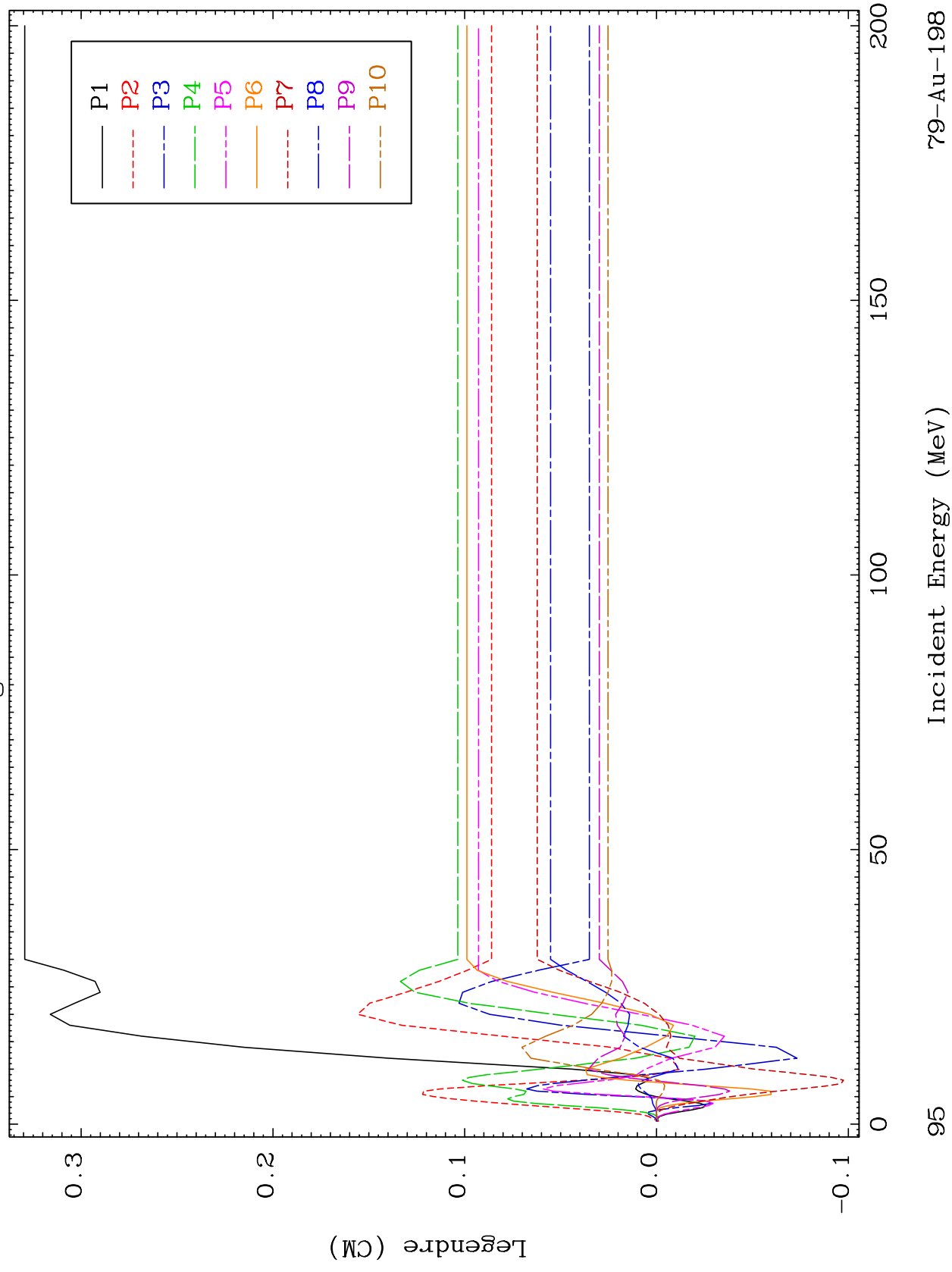


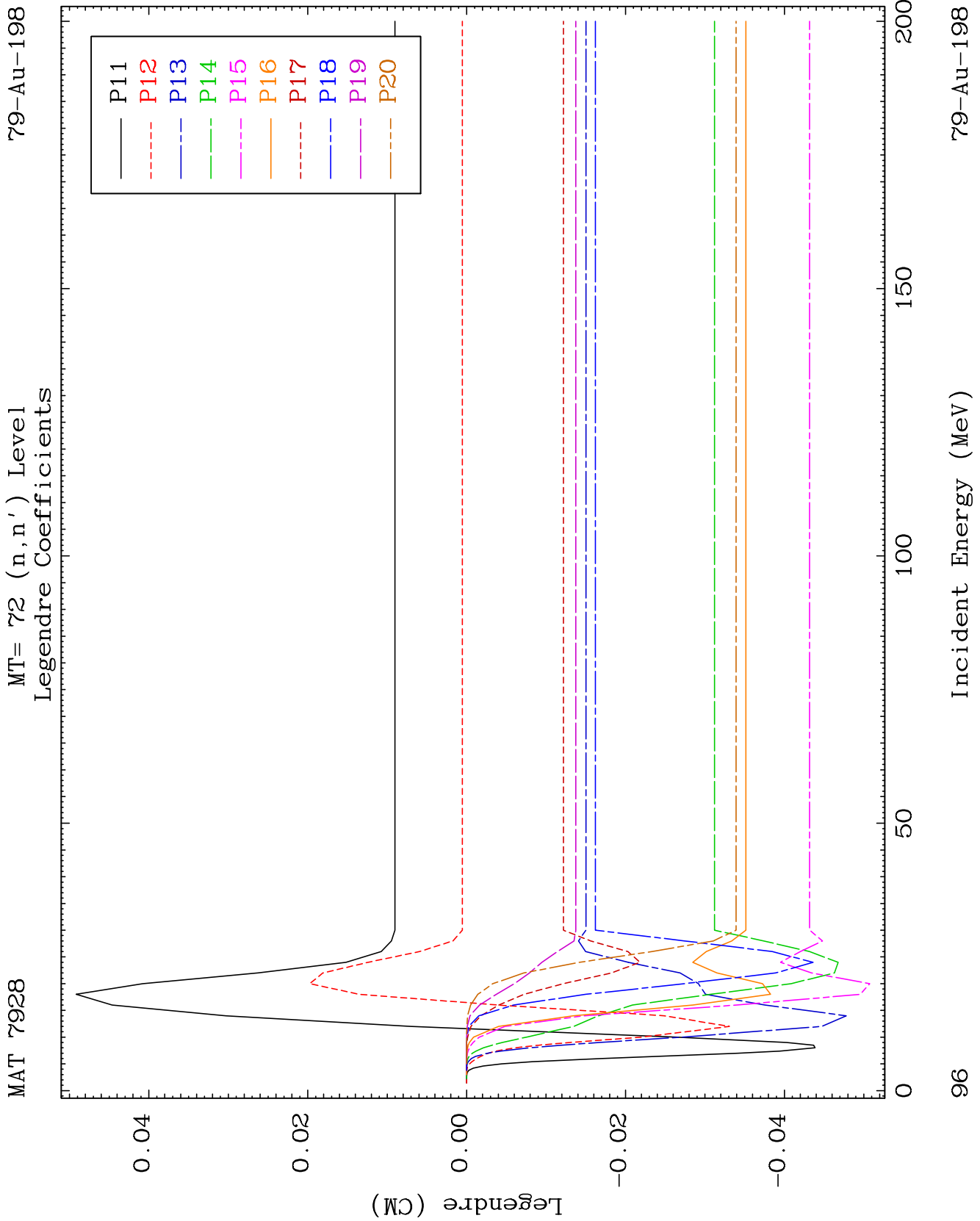


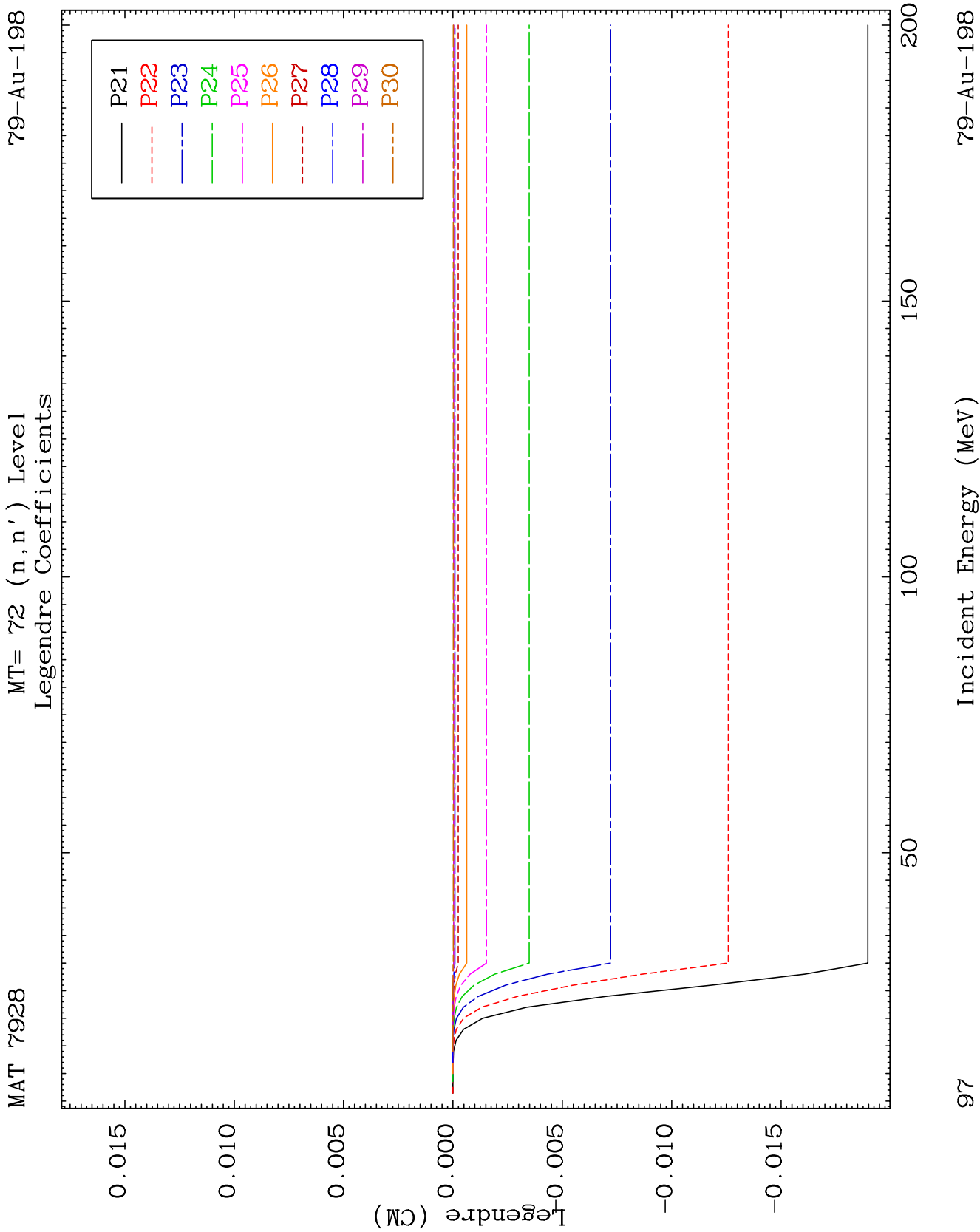
MAT 7928

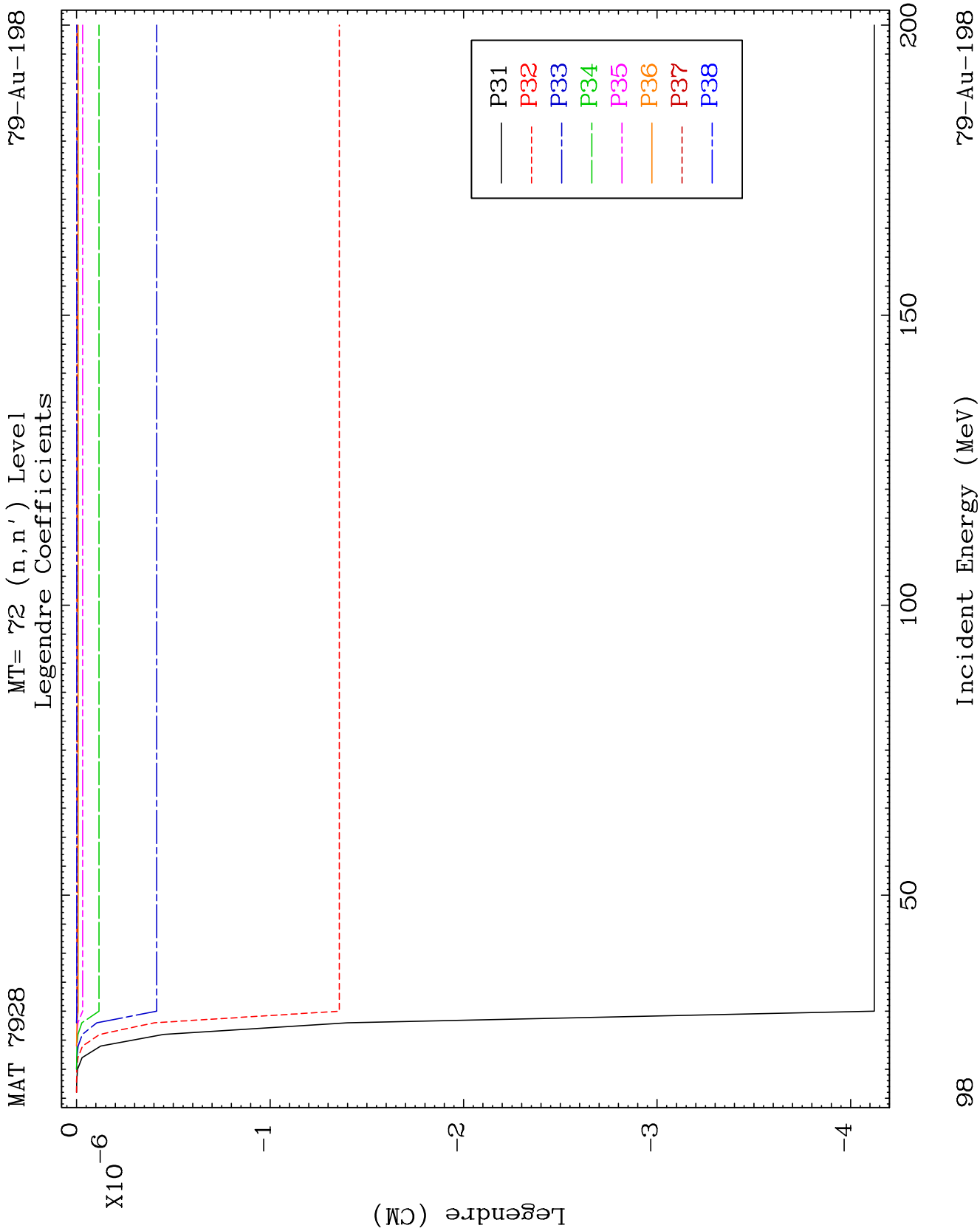
MT= 72 (n, n') Level
Legendre Coefficients

79-Au-198





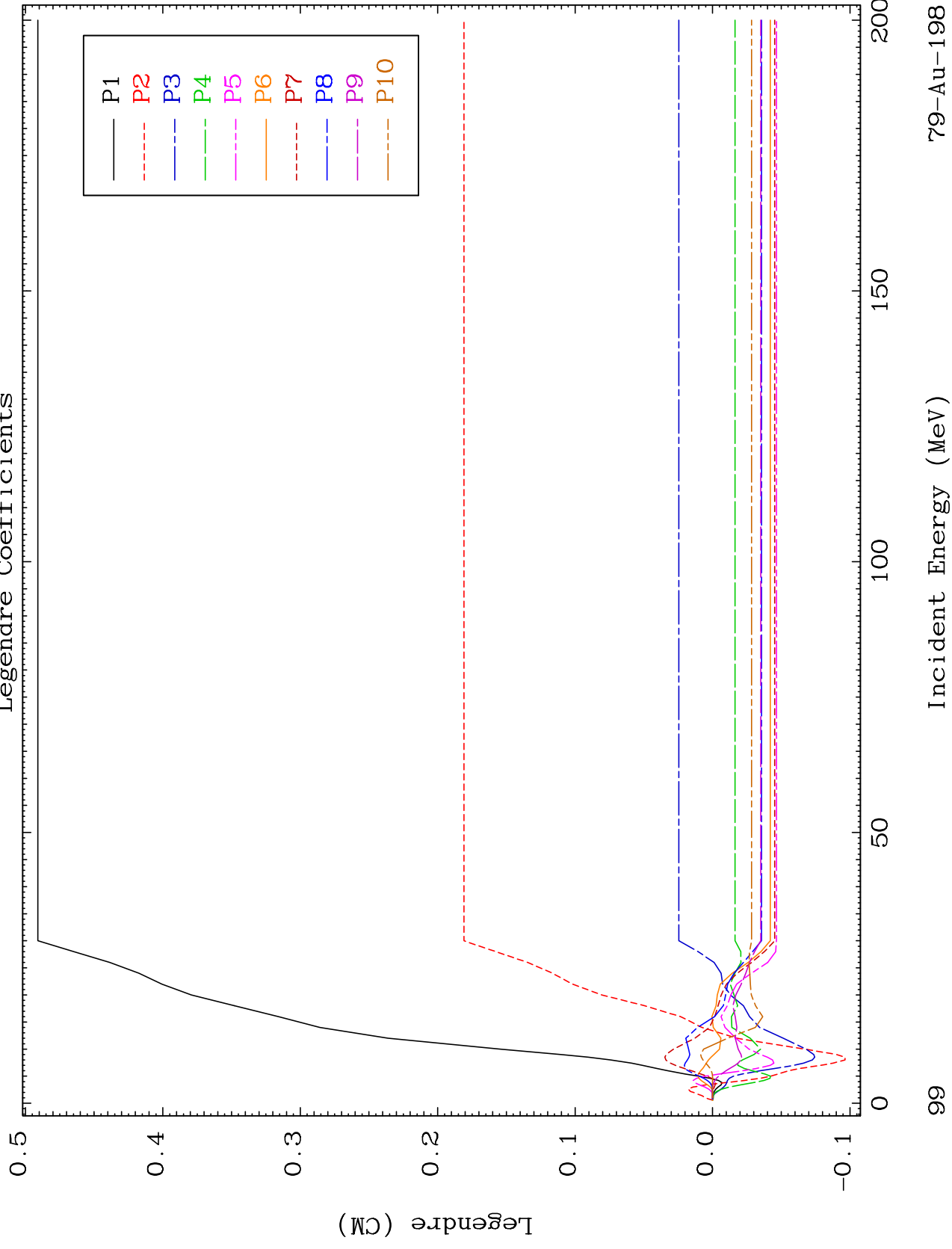


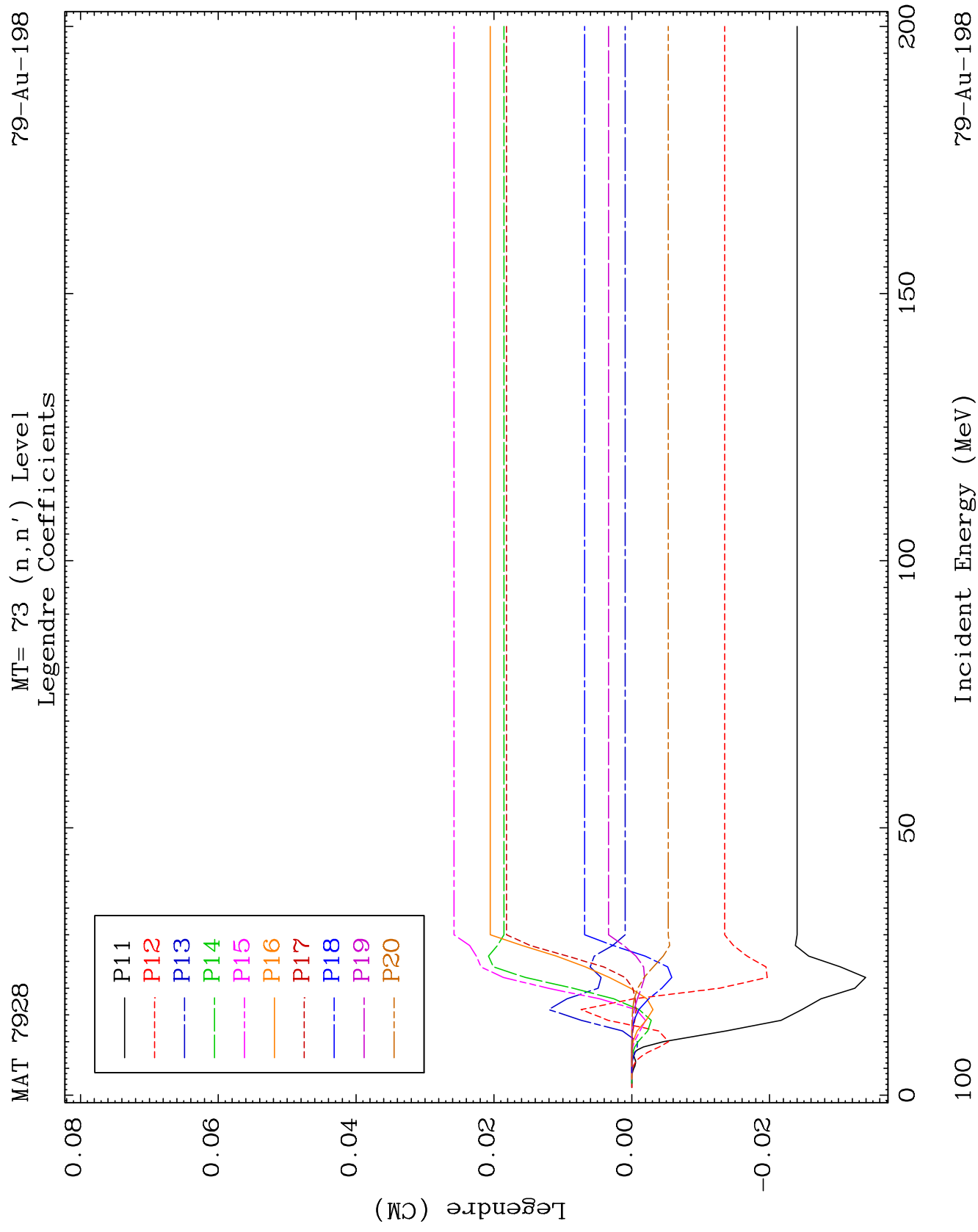


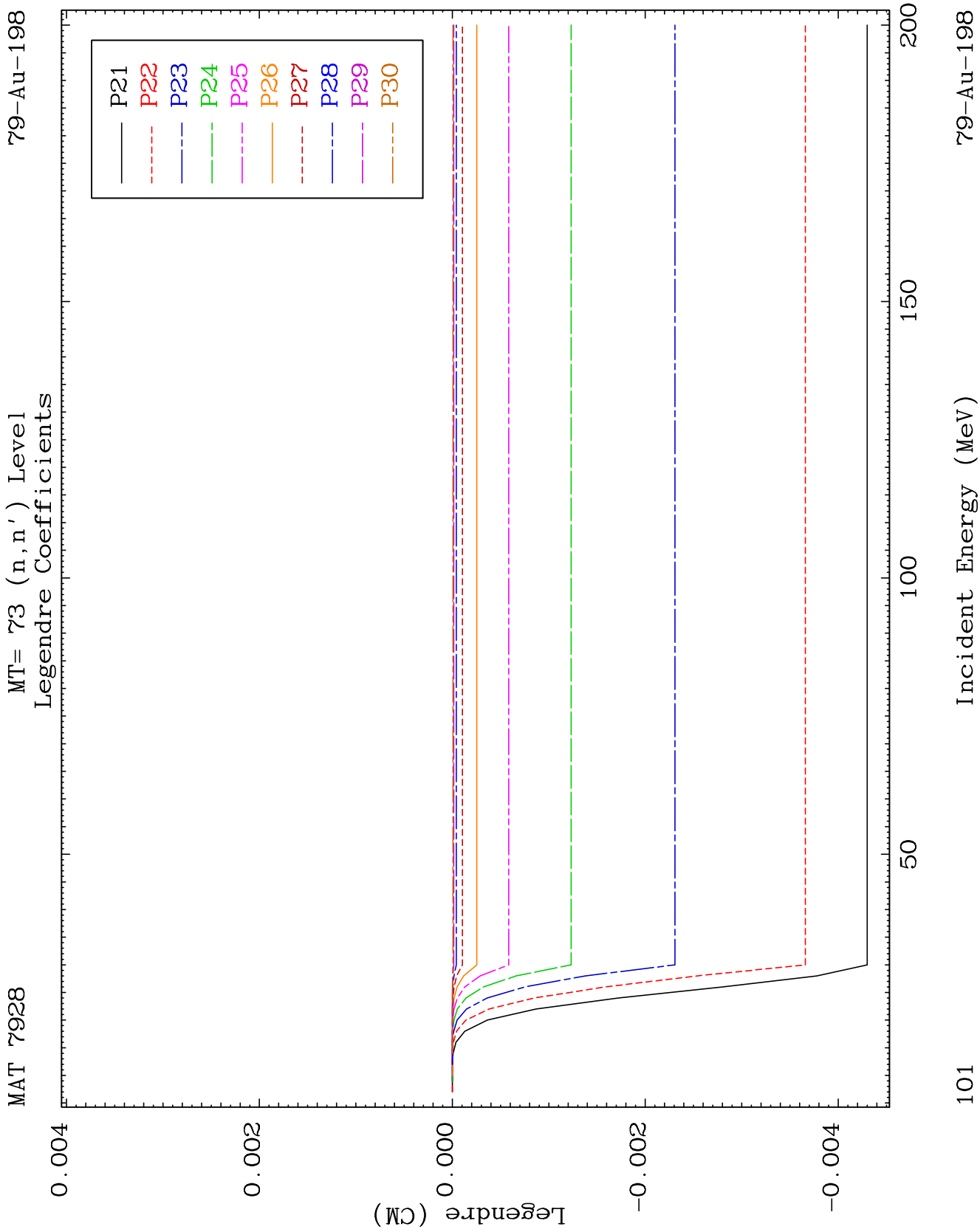
MAT 7928

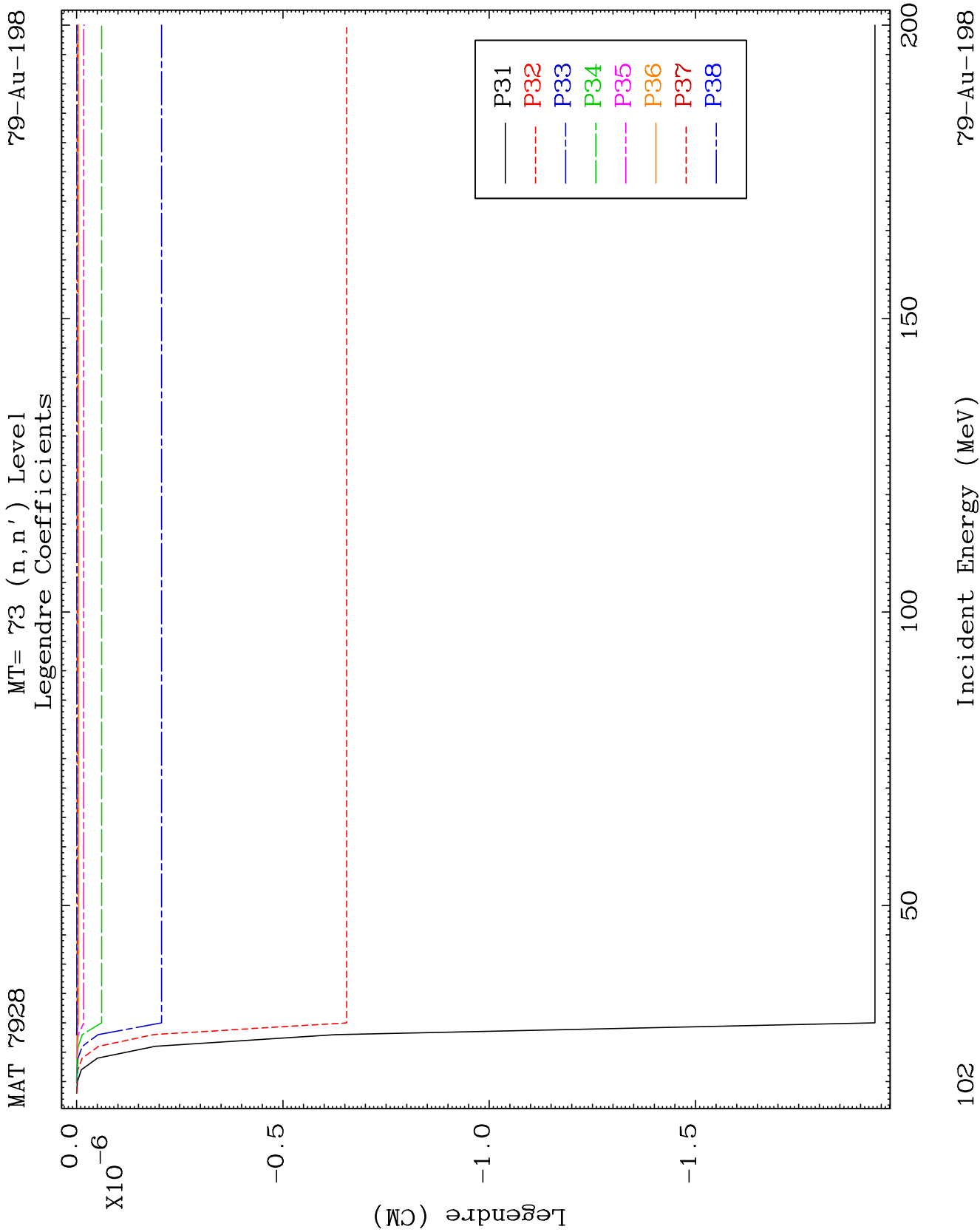
MT= 73 (n, n') Level
Legendre Coefficients

79-Au-198





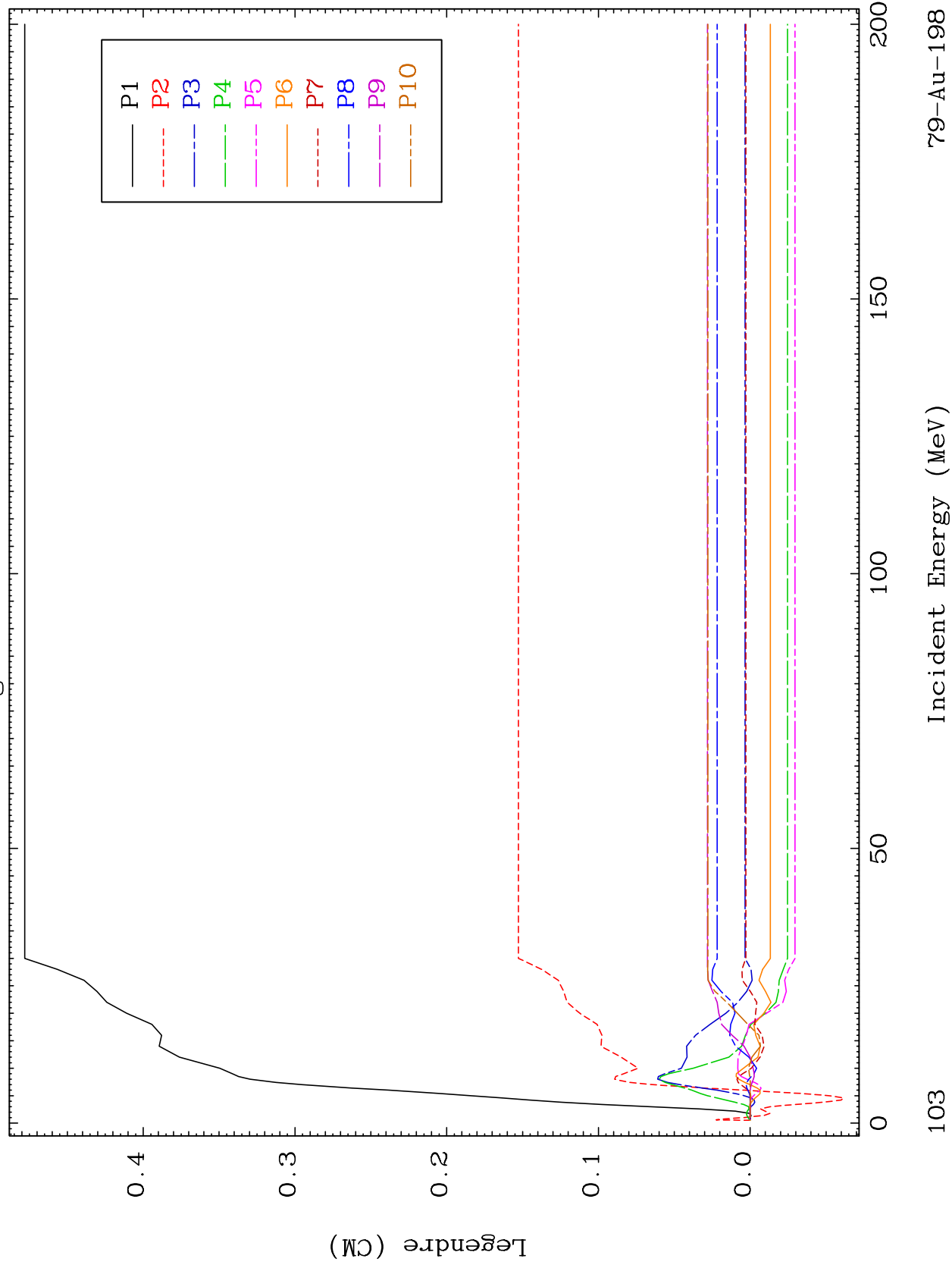


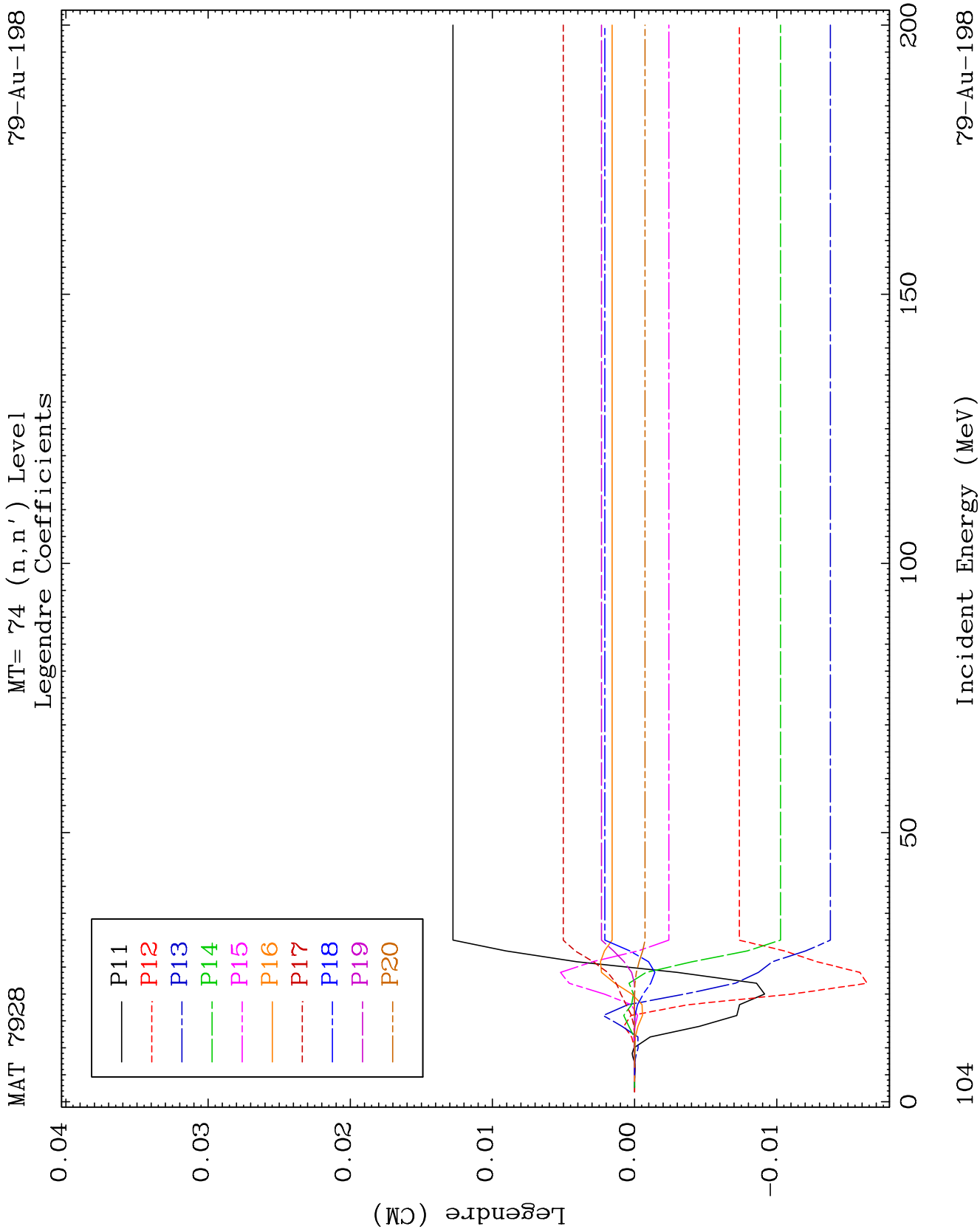


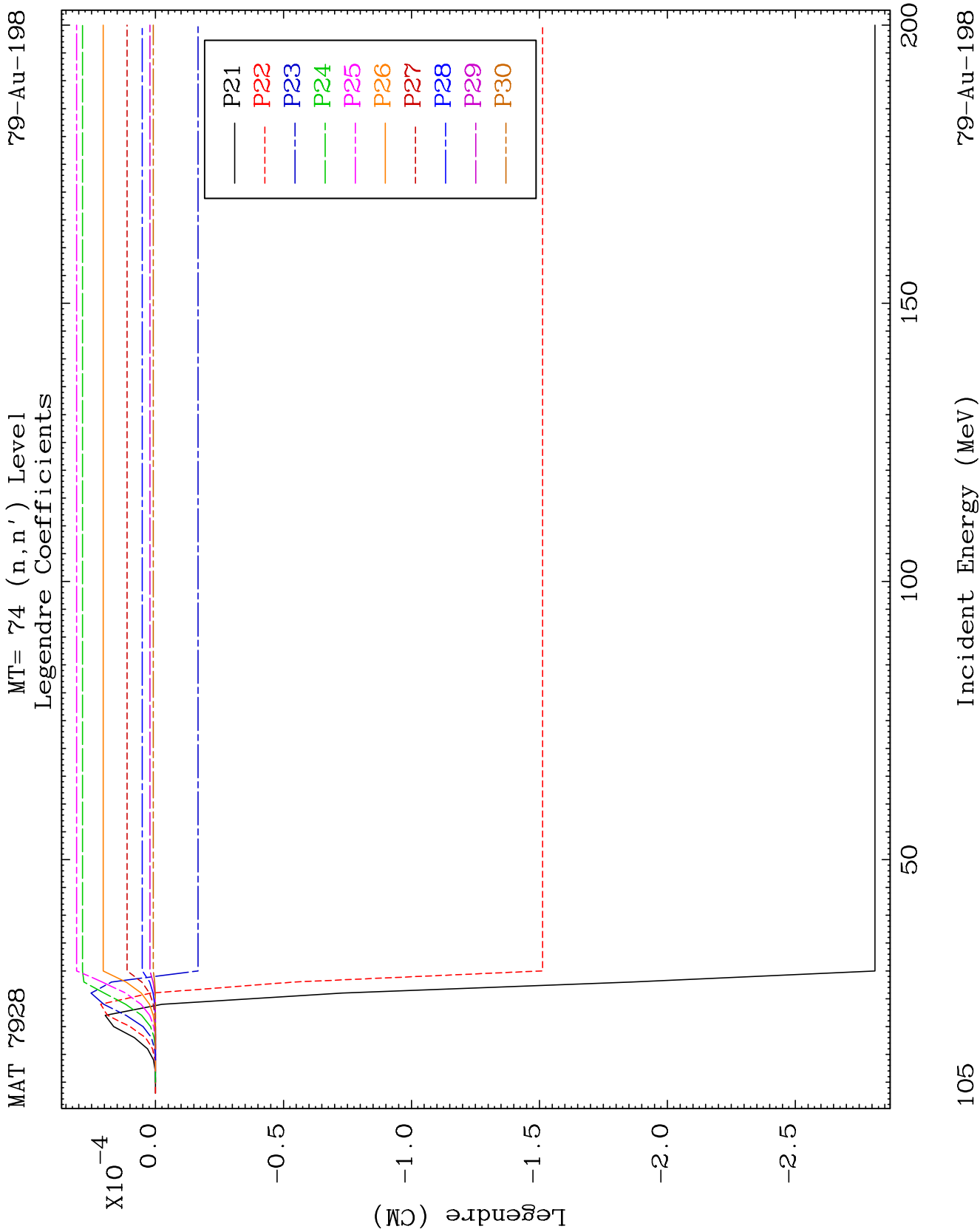
MAT 7928

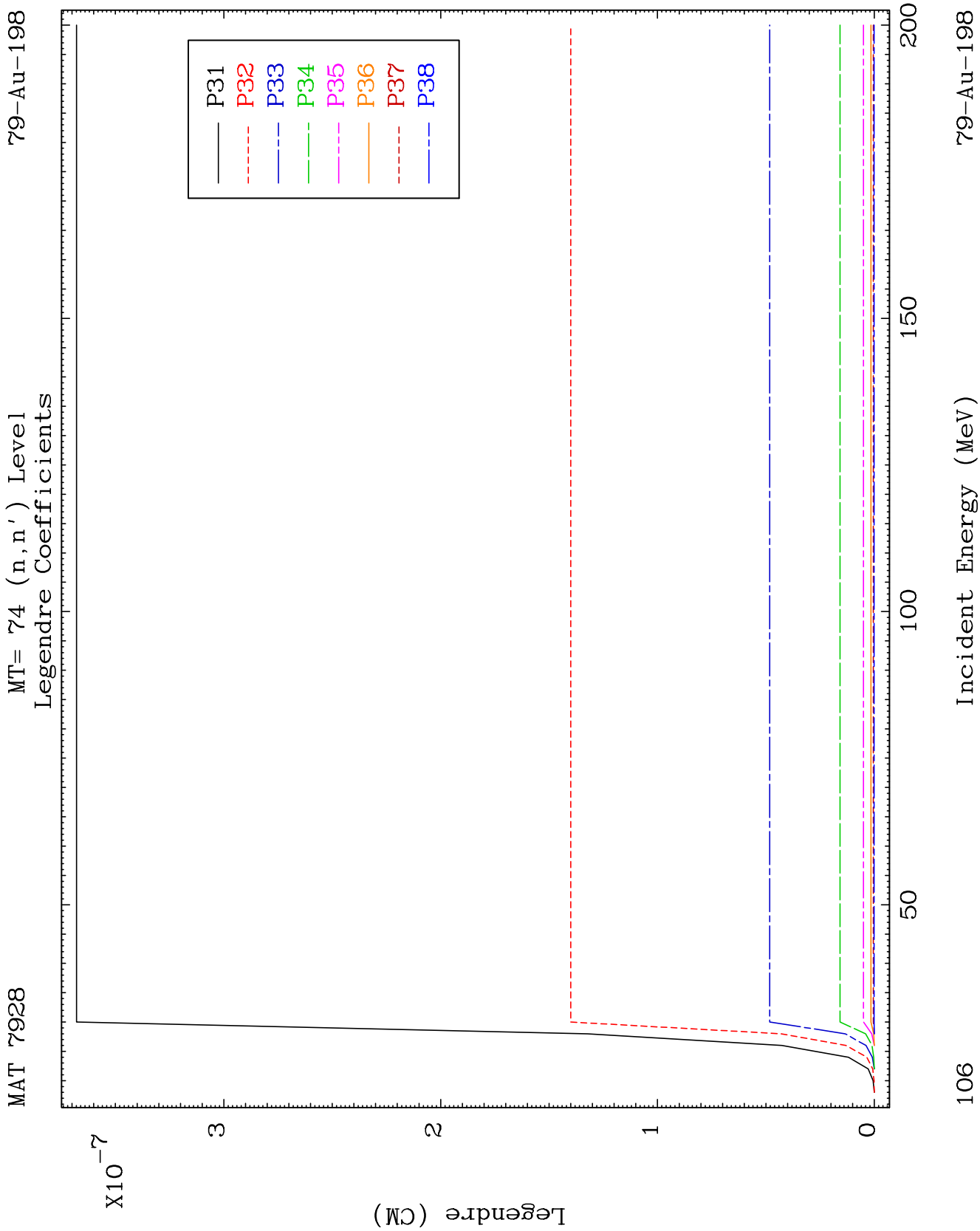
MT= 74 (n, n') Level
Legendre Coefficients

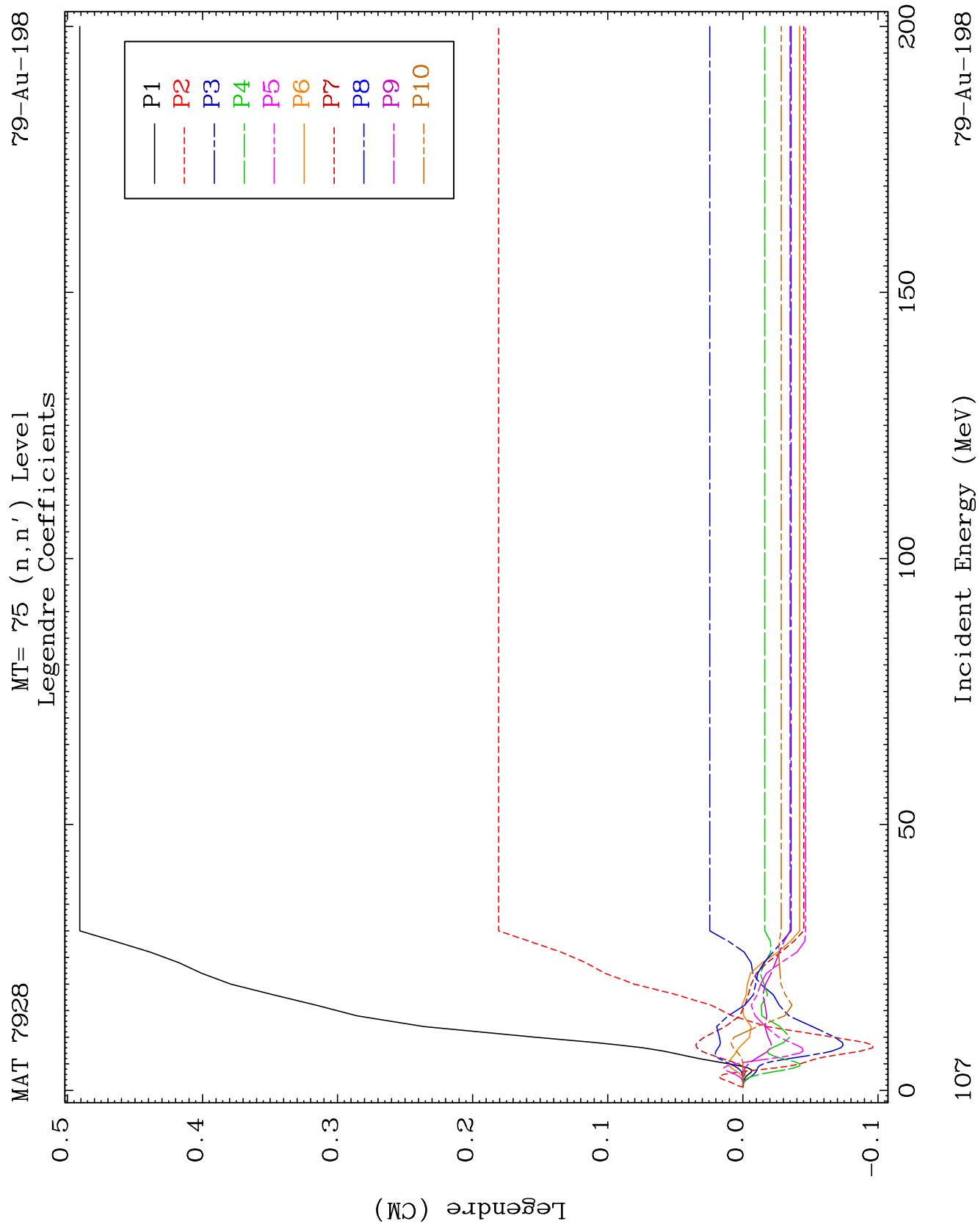
79-Au-198

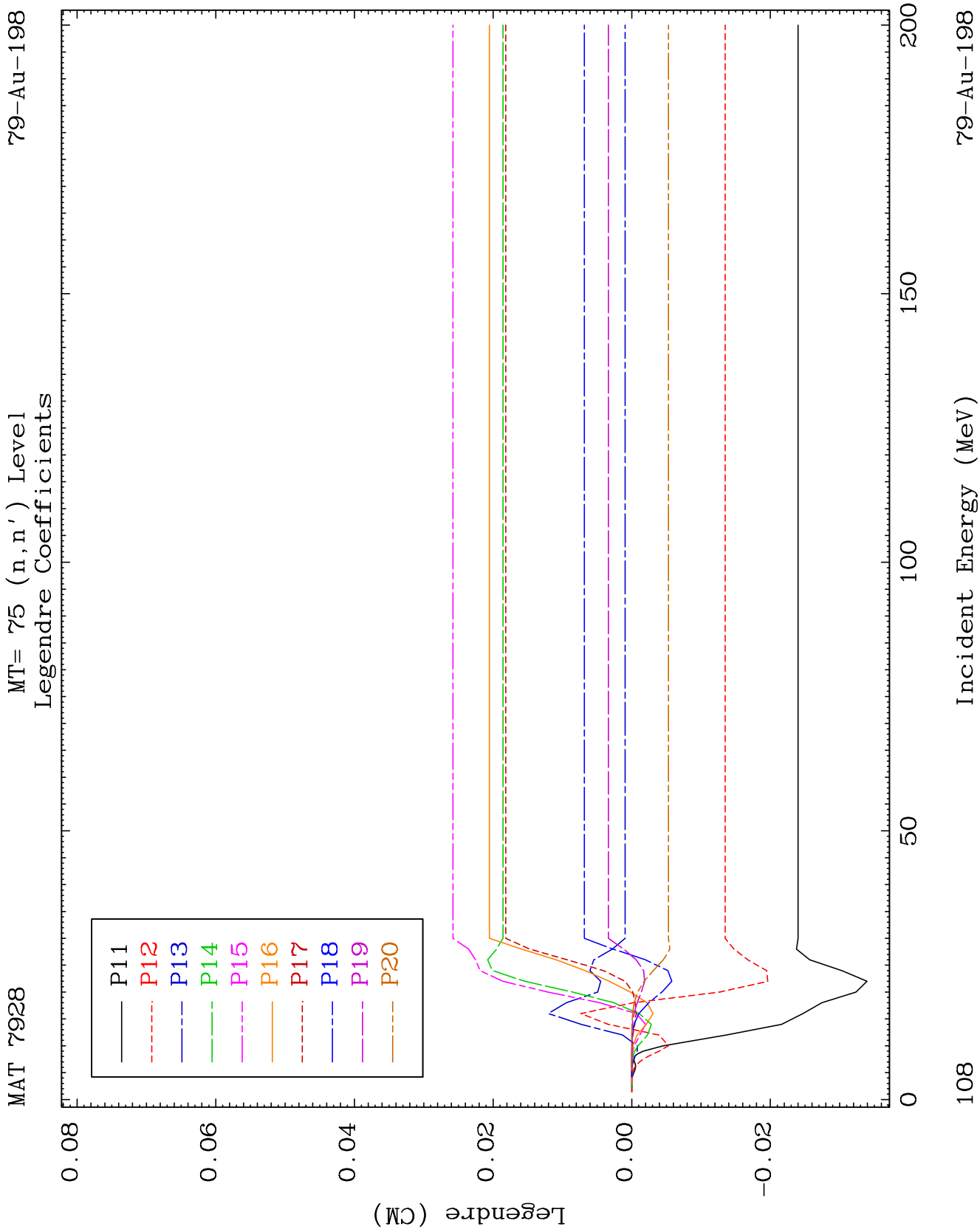


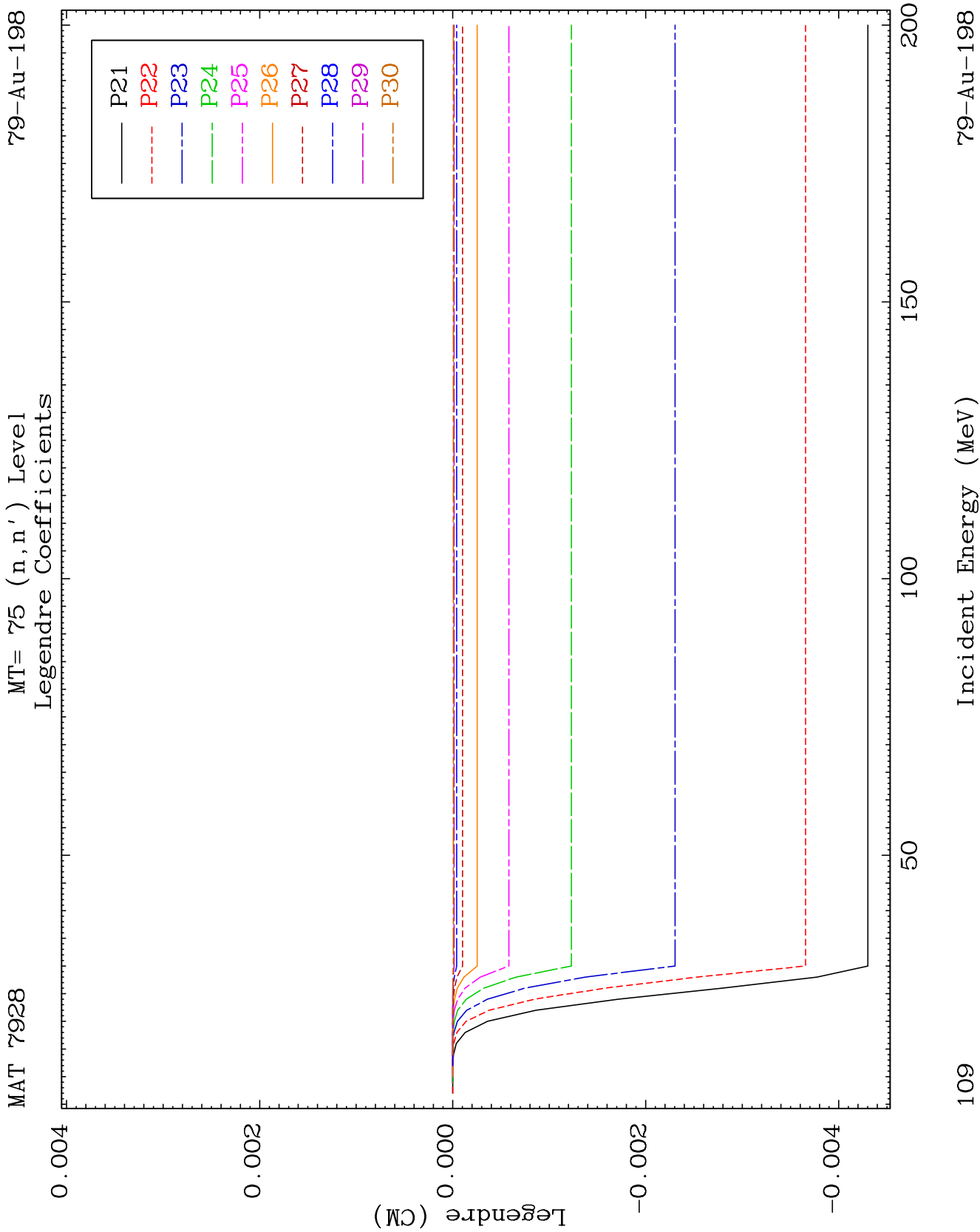


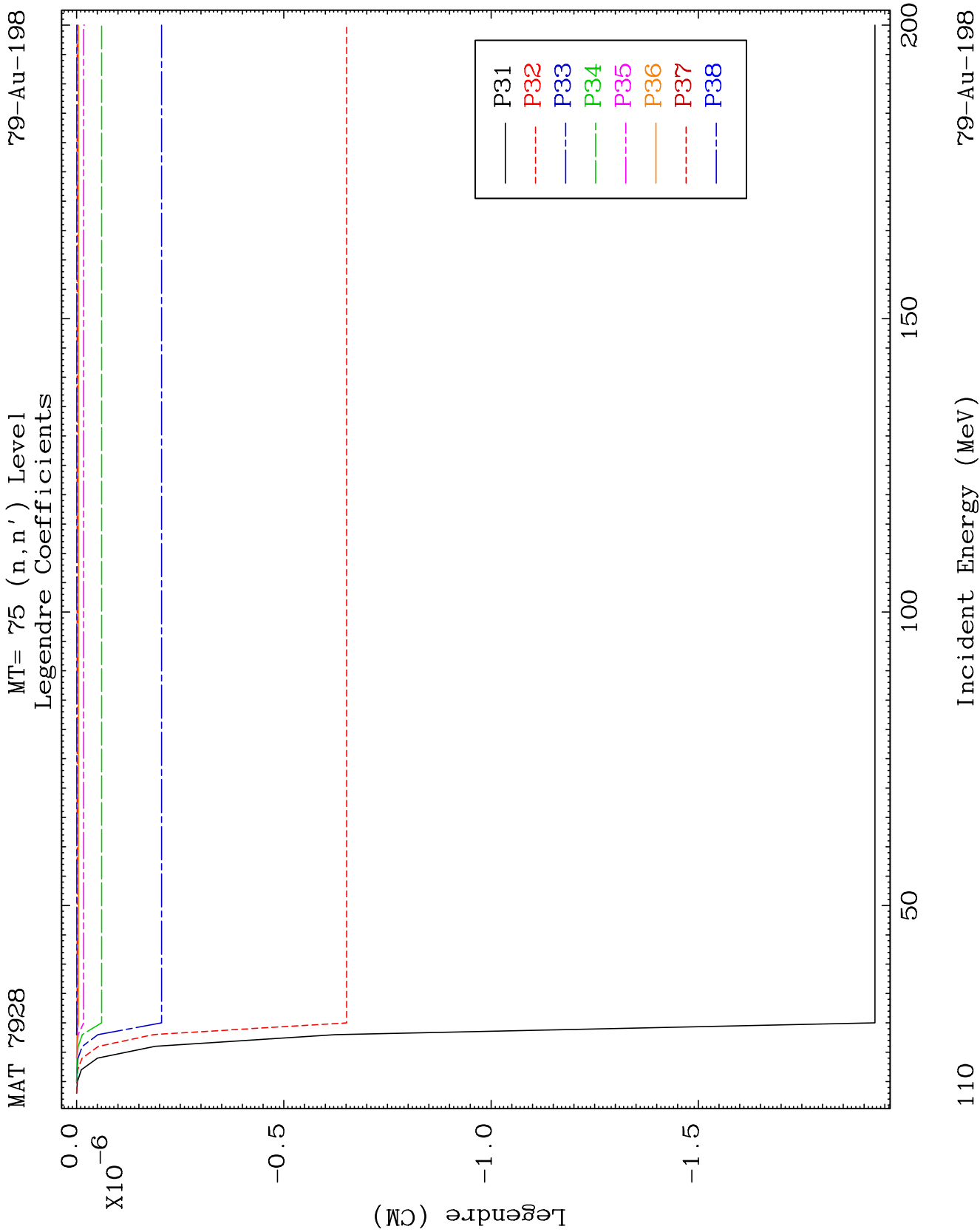


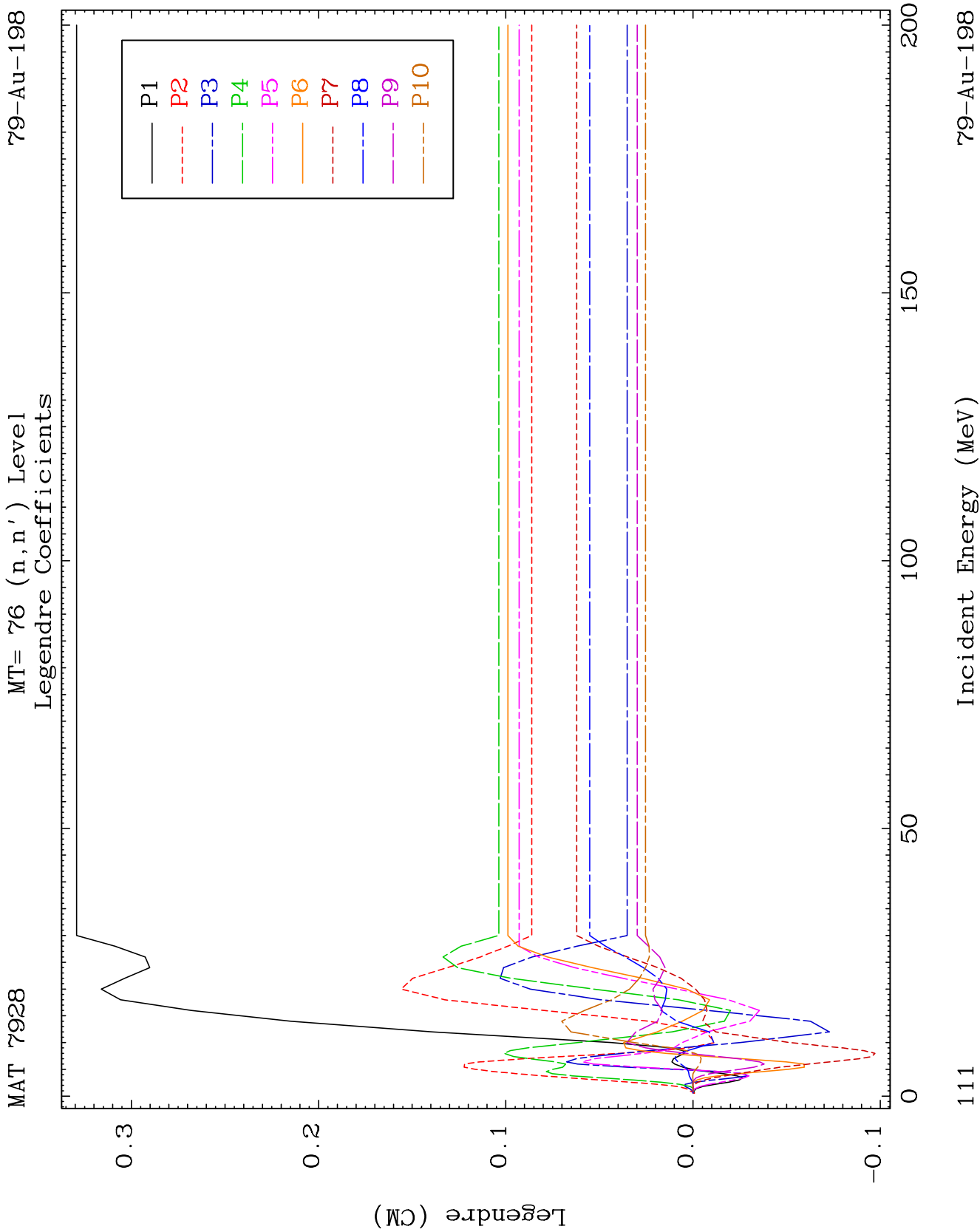








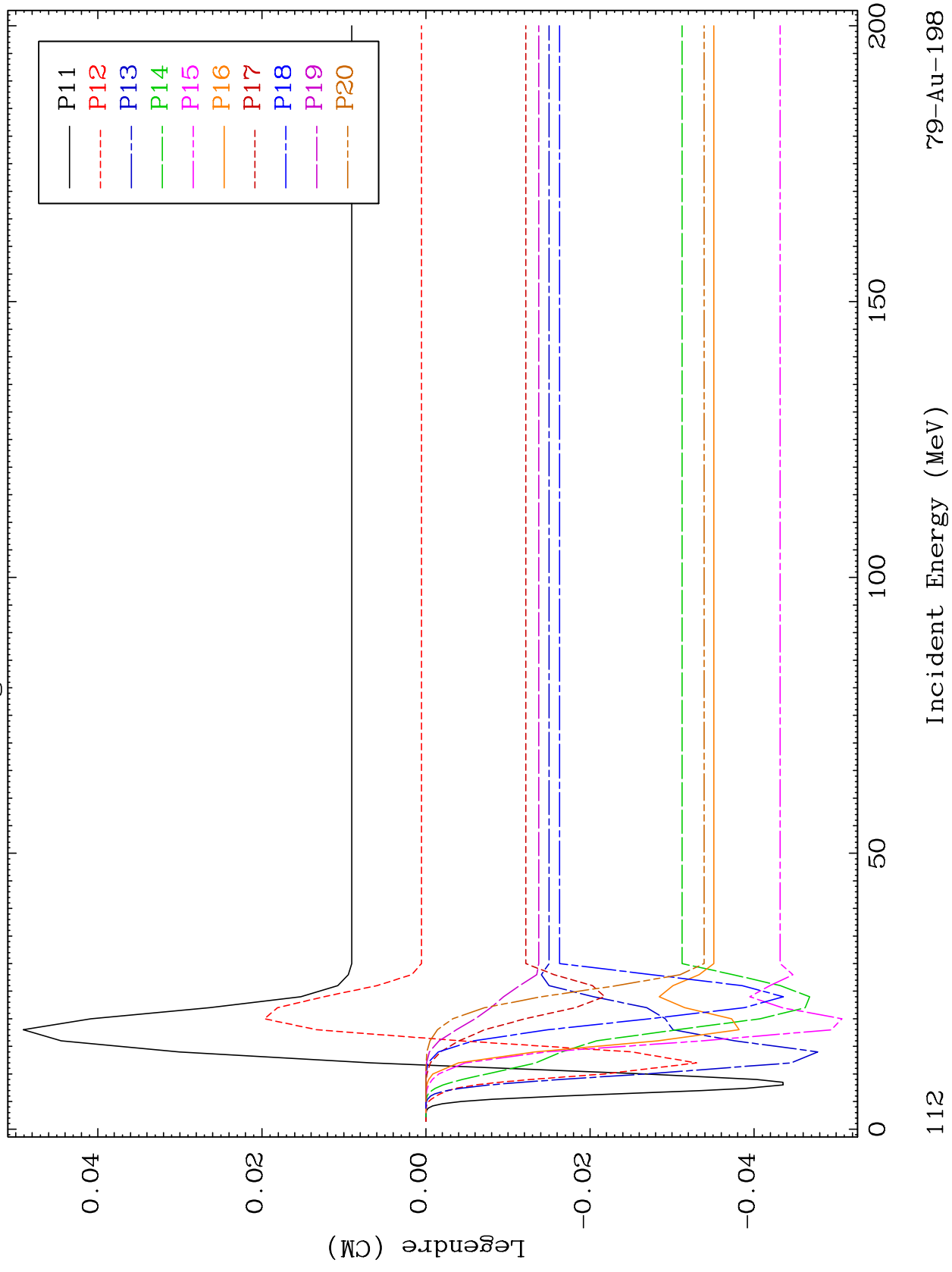


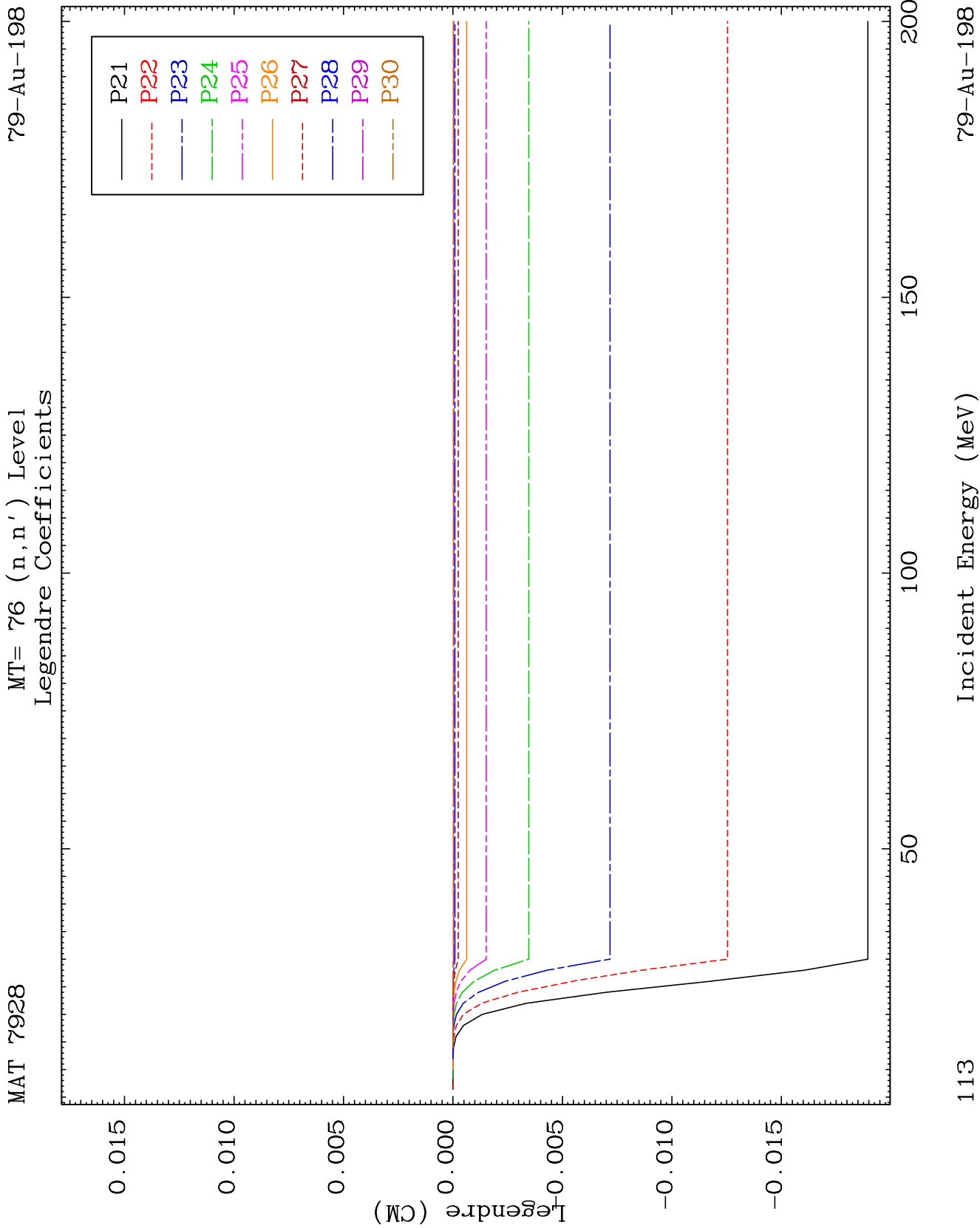


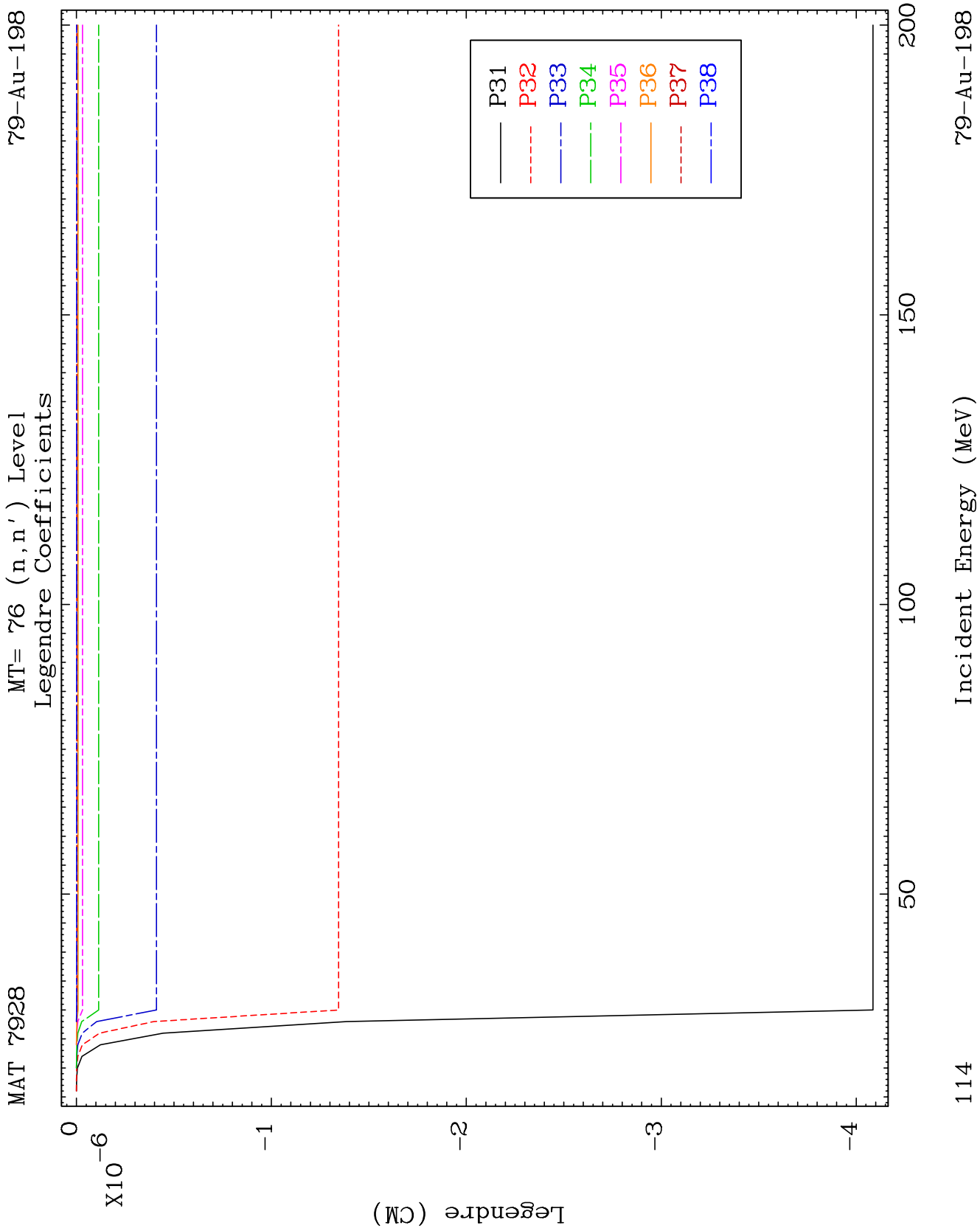
MAT 7928

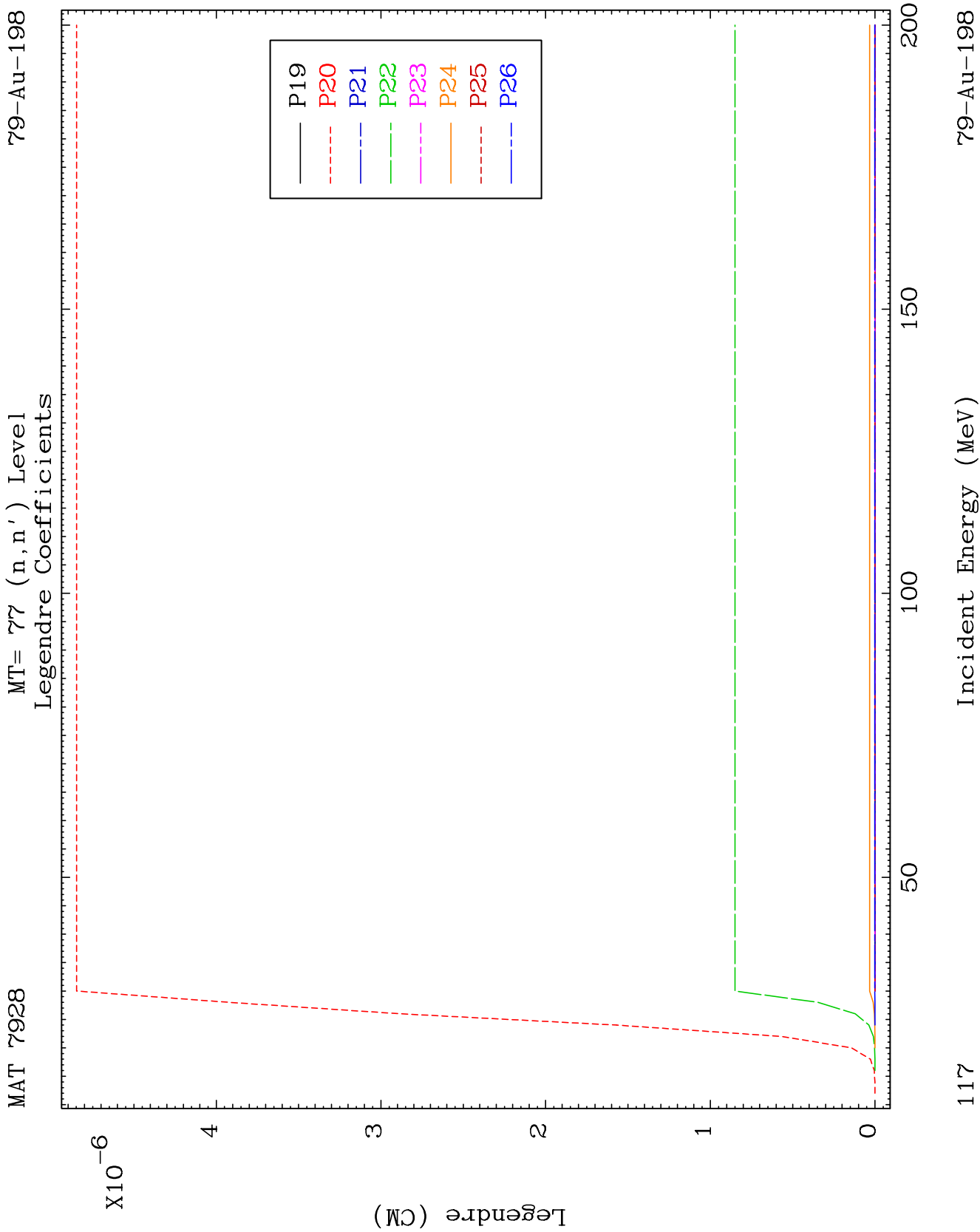
MT= 76 (n, n') Level
Legendre Coefficients

79-Au-198





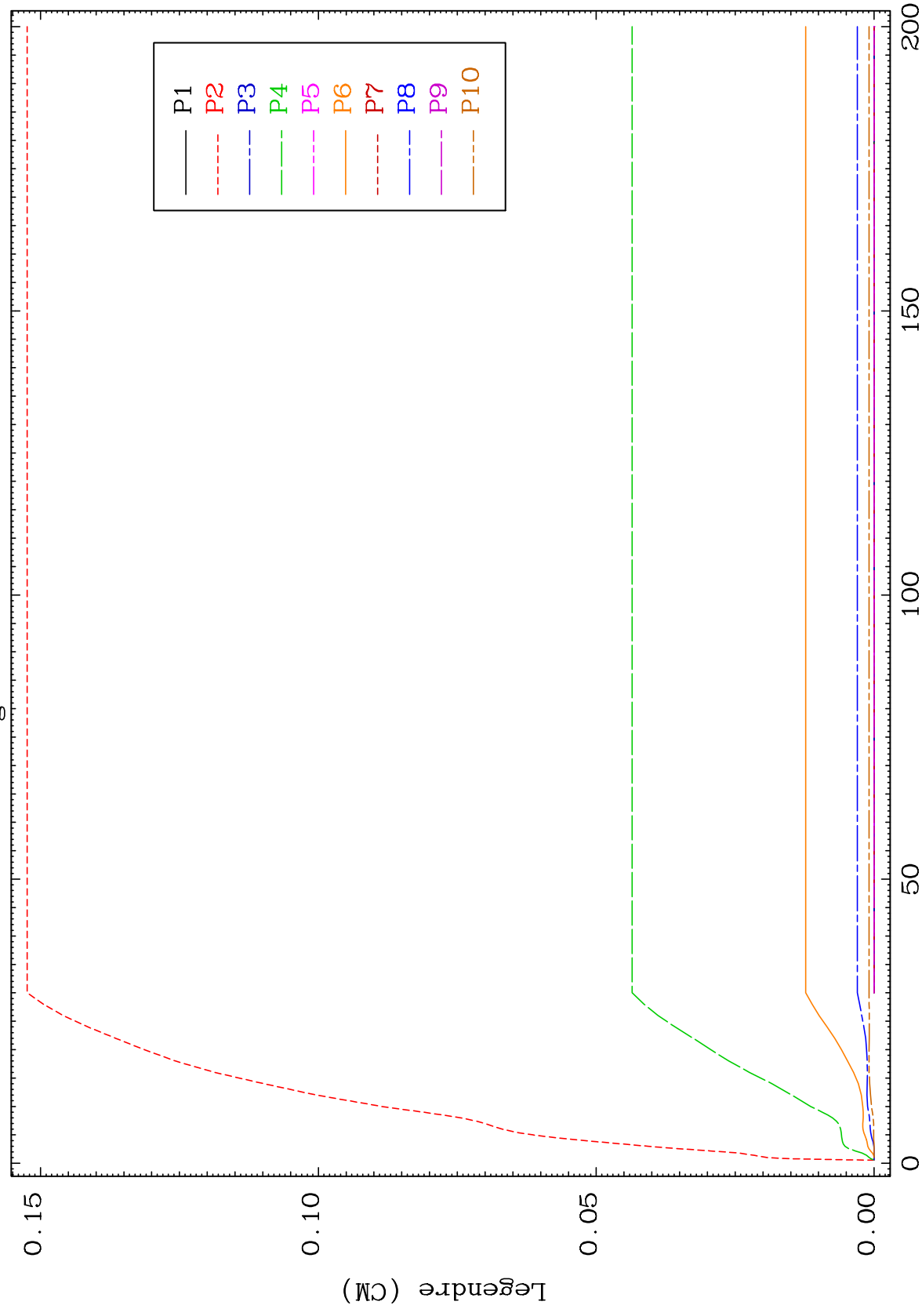




MAT 7928

MT= 78 (n, n') Level
Legendre Coefficients

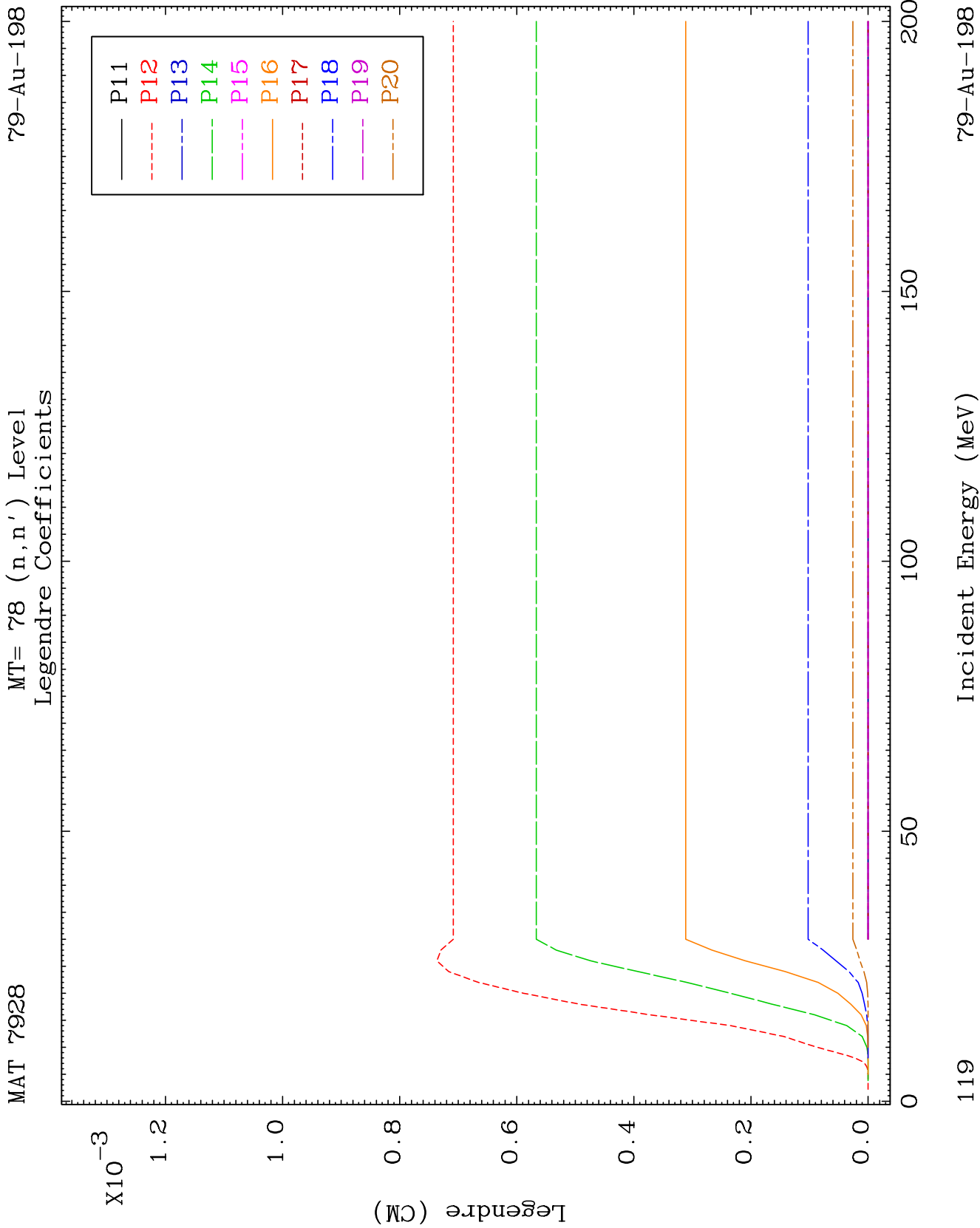
79-Au-198

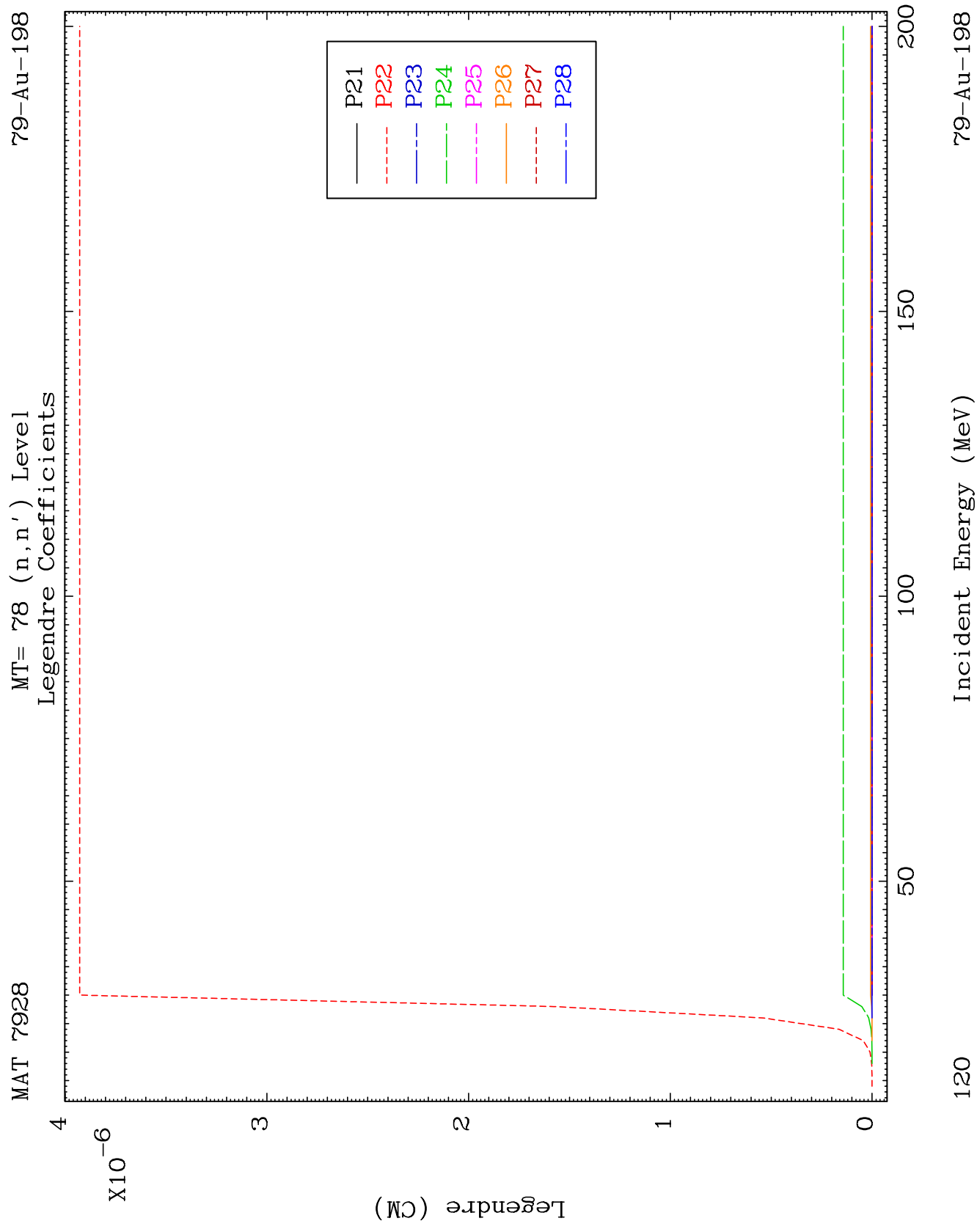


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Incident Energy (MeV)

79-Au-198

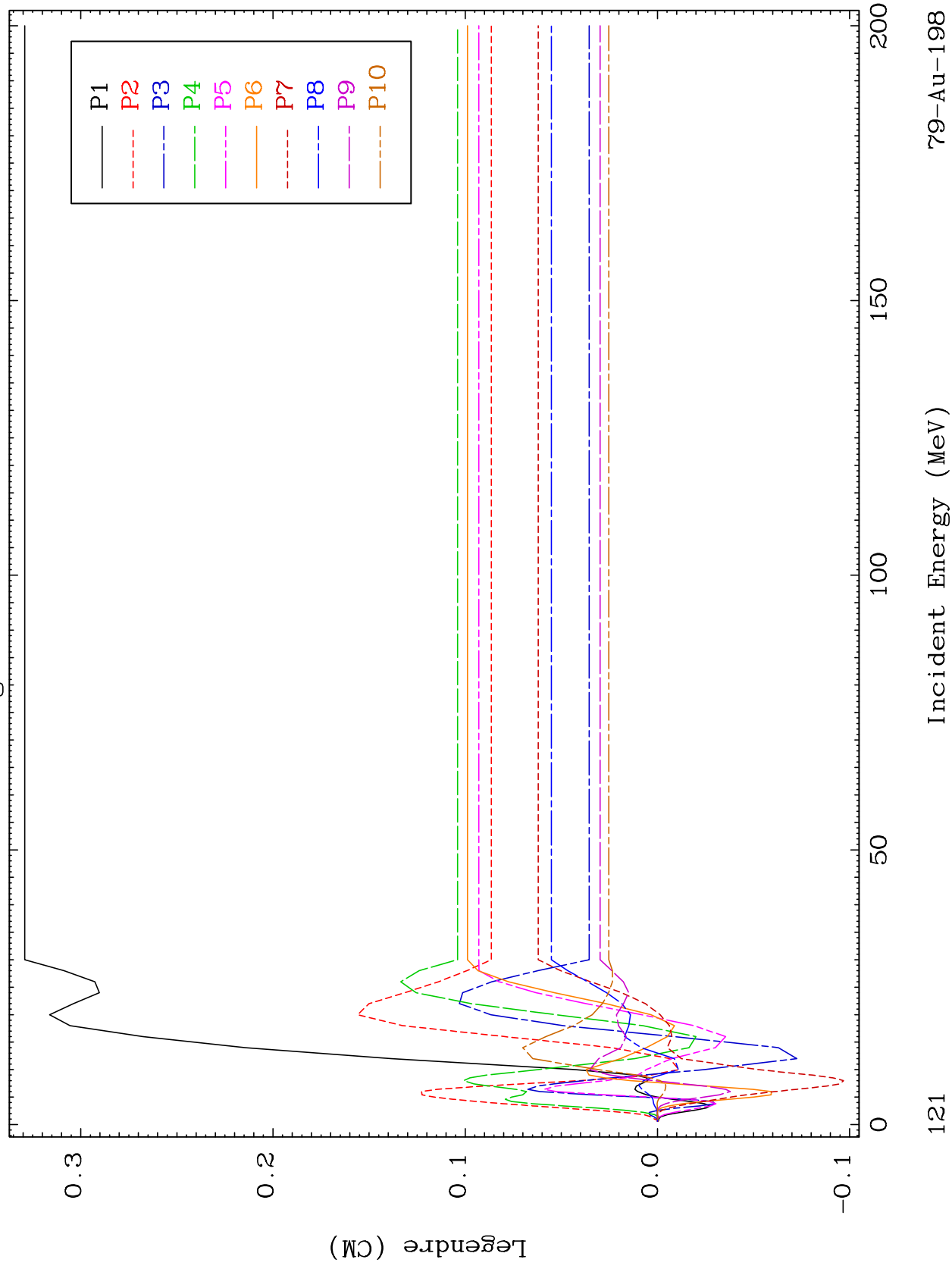


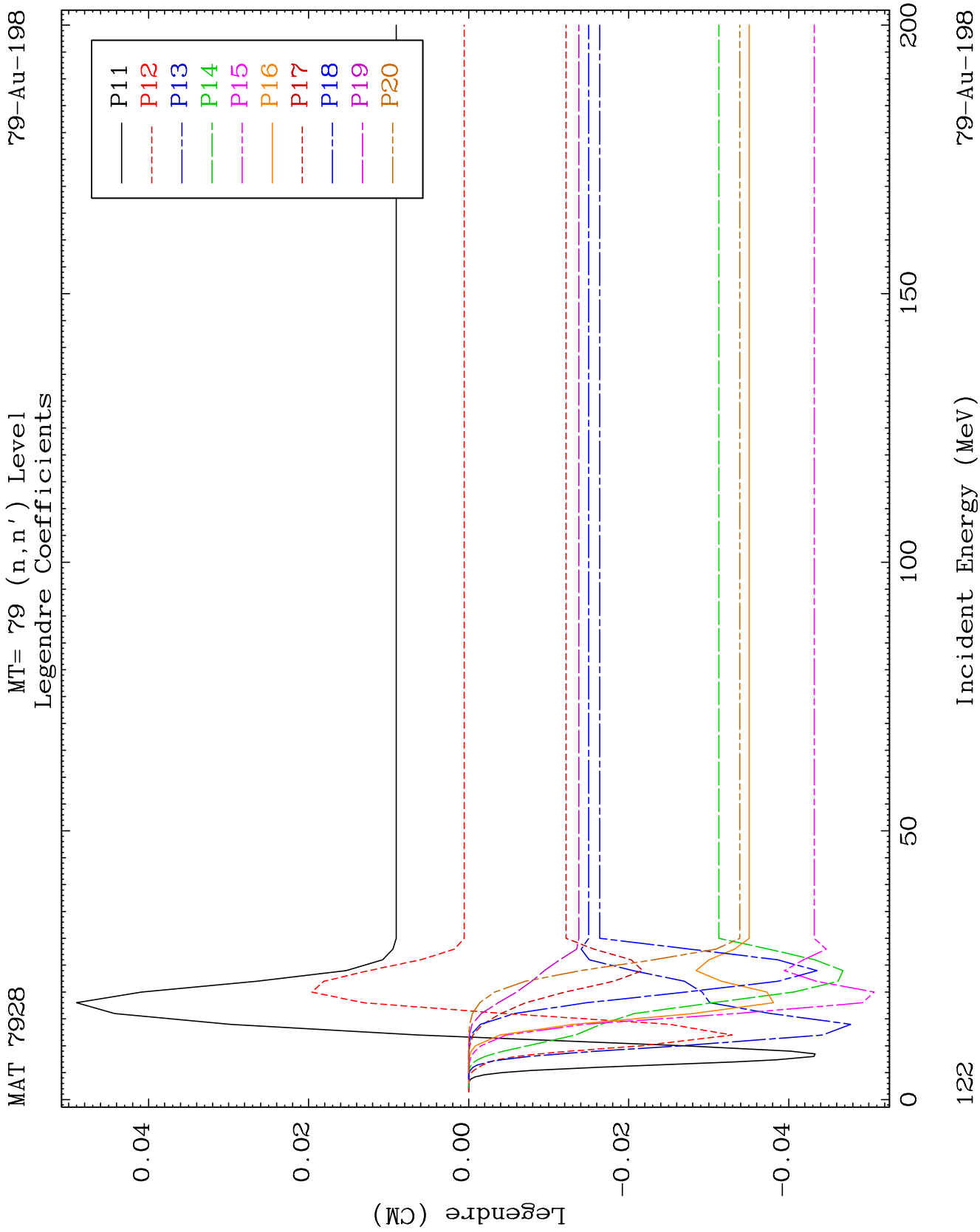


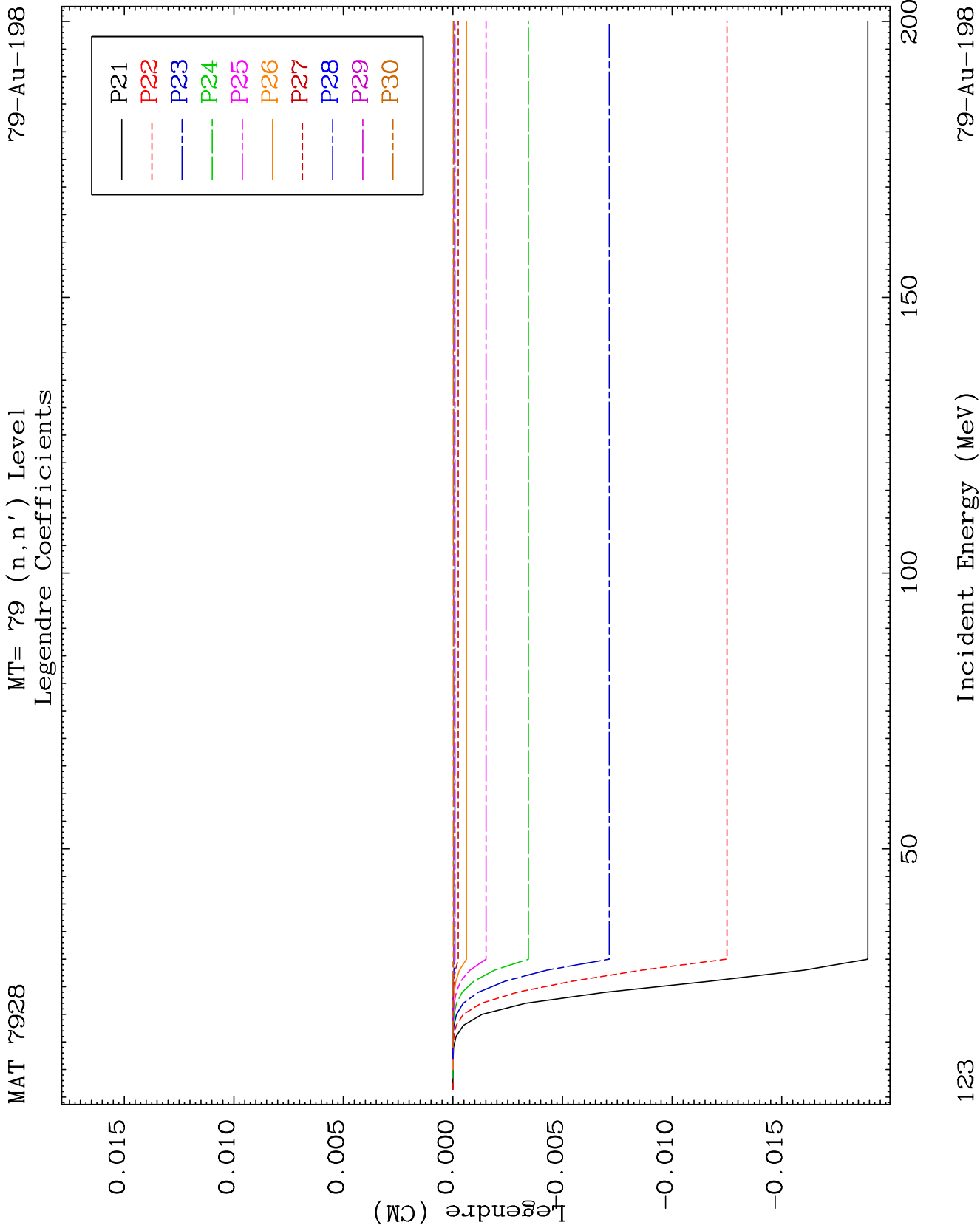
MAT 7928

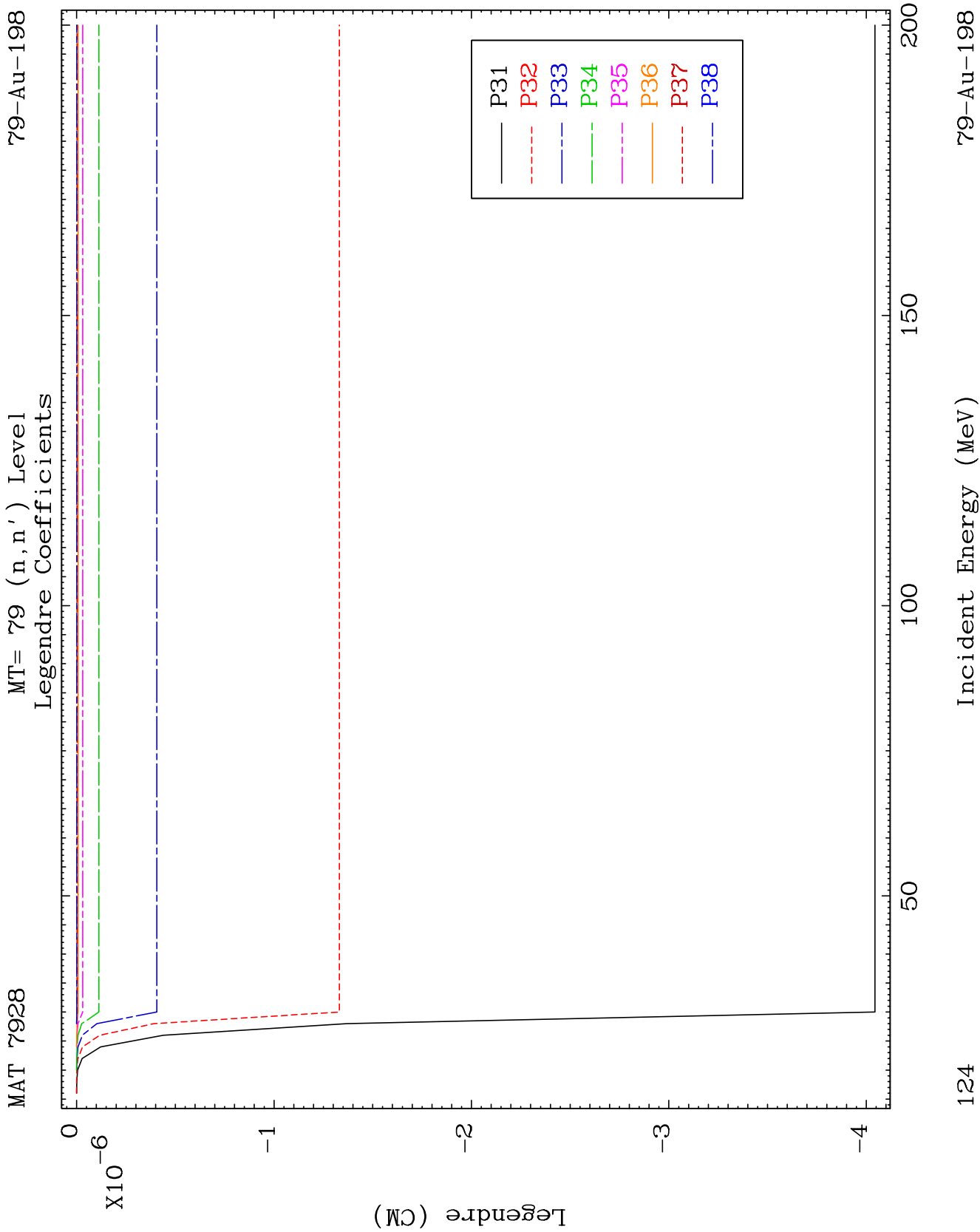
MT= 79 (n, n') Level
Legendre Coefficients

79-Au-198

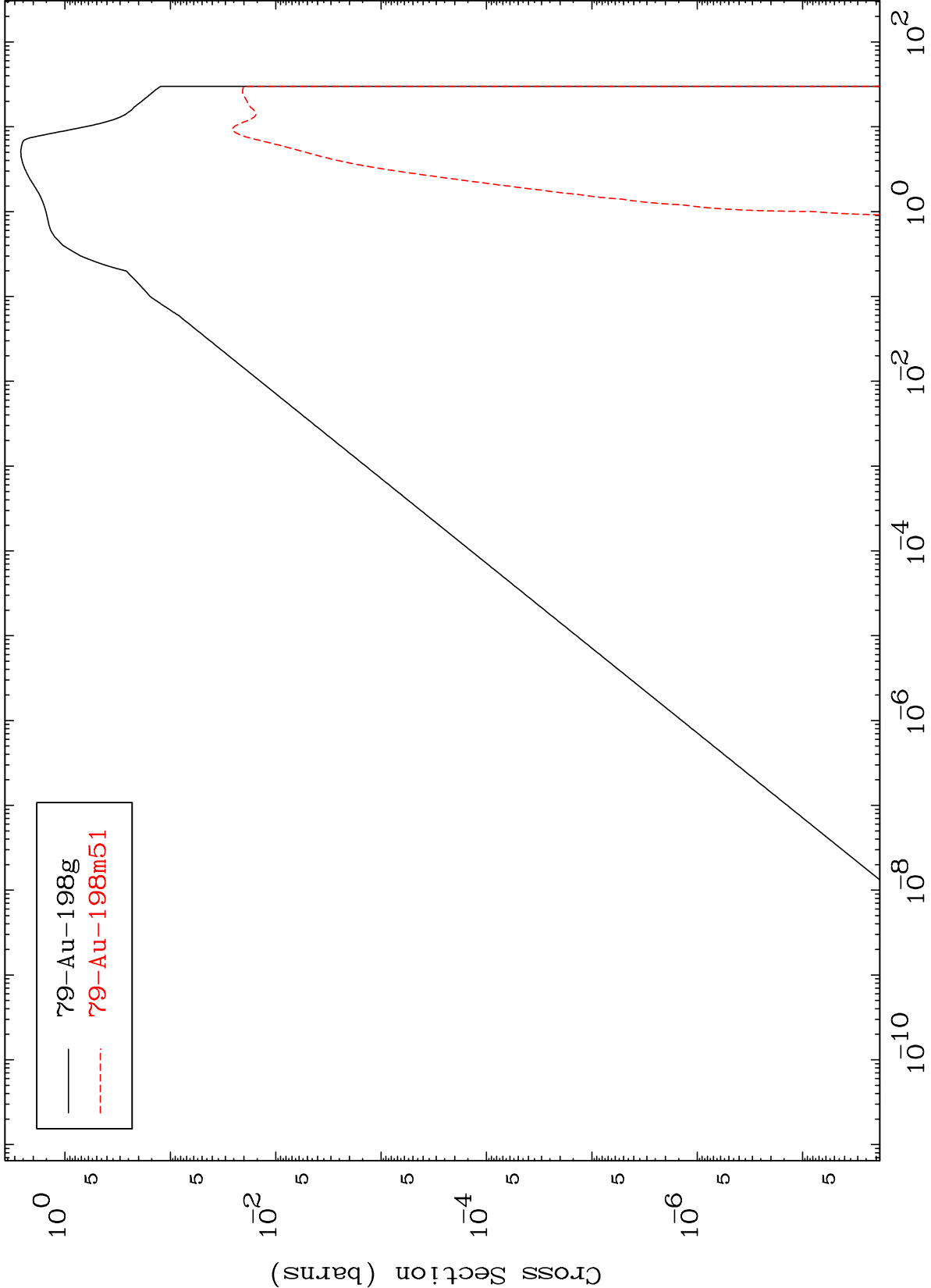


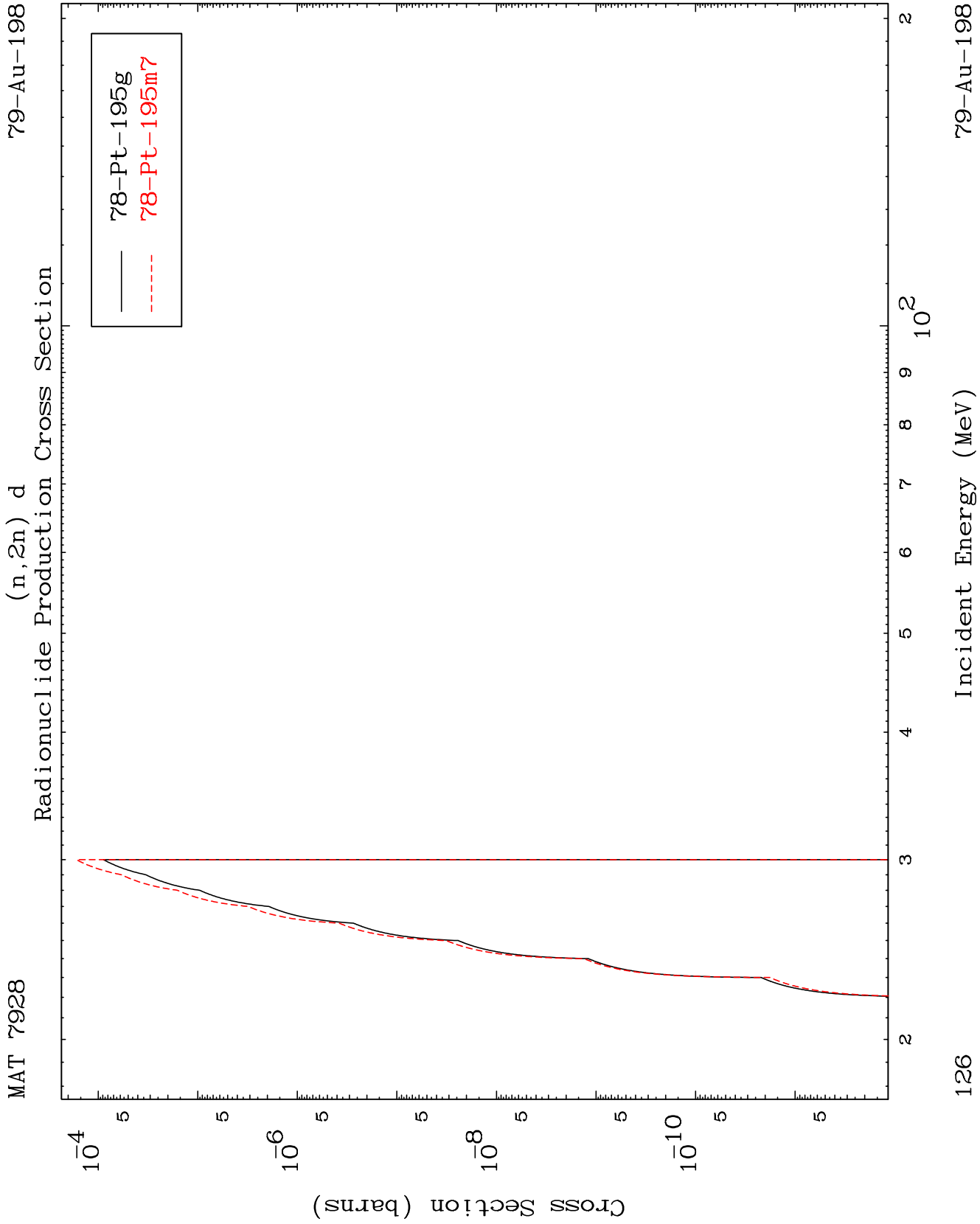






Inelastic
Radionuclide Production Cross Section

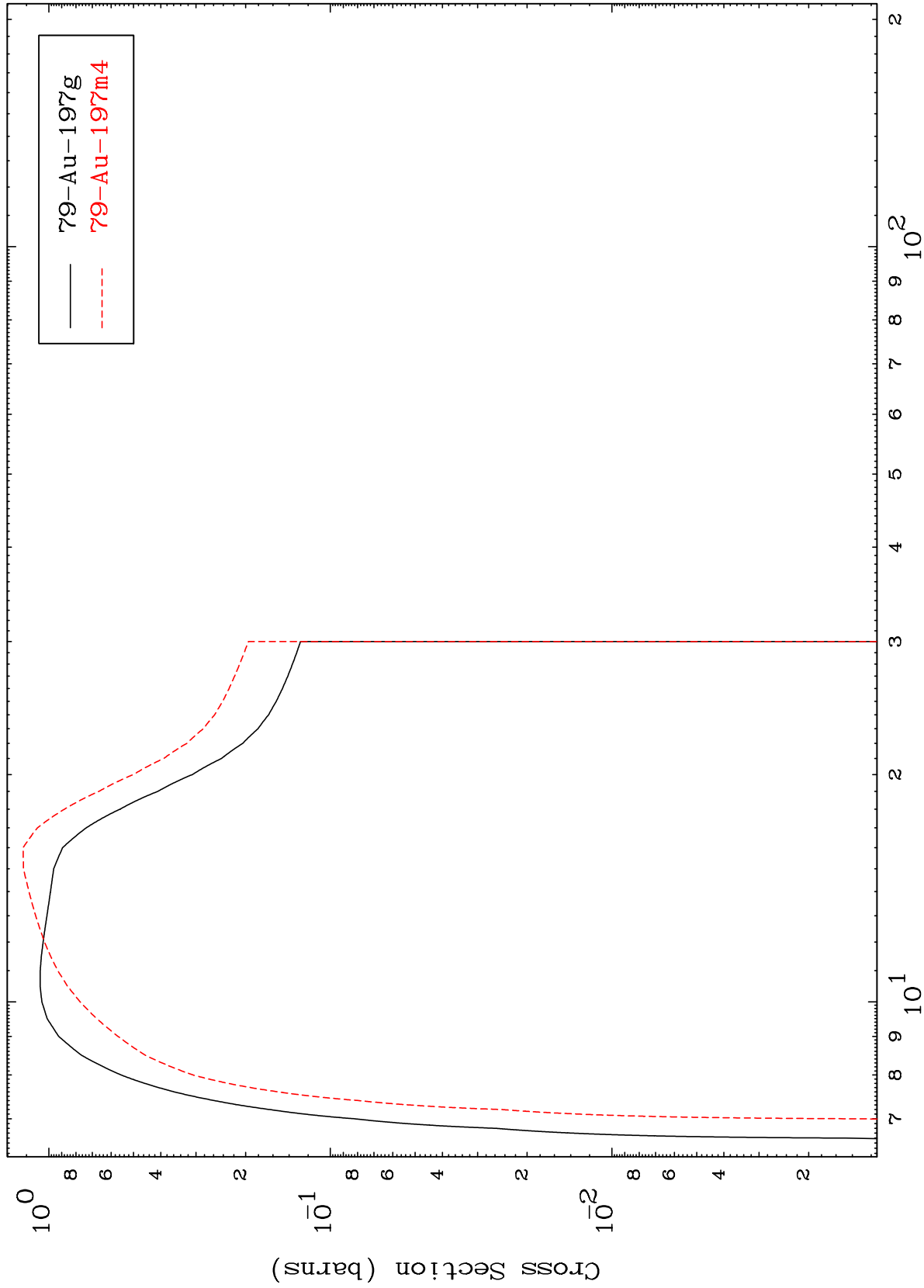




MAT 7928

79-Au-198

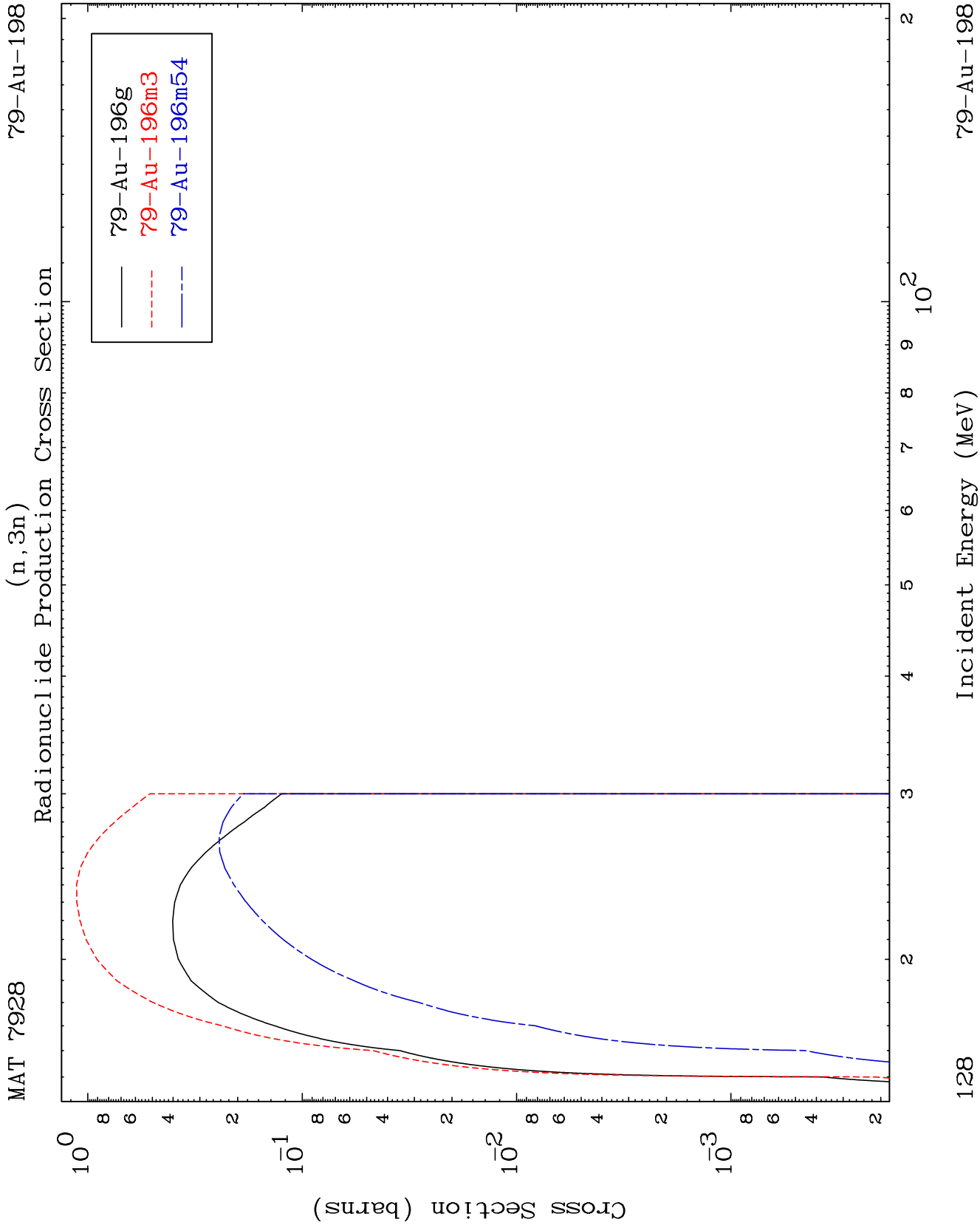
(n,2n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

79-Au-198

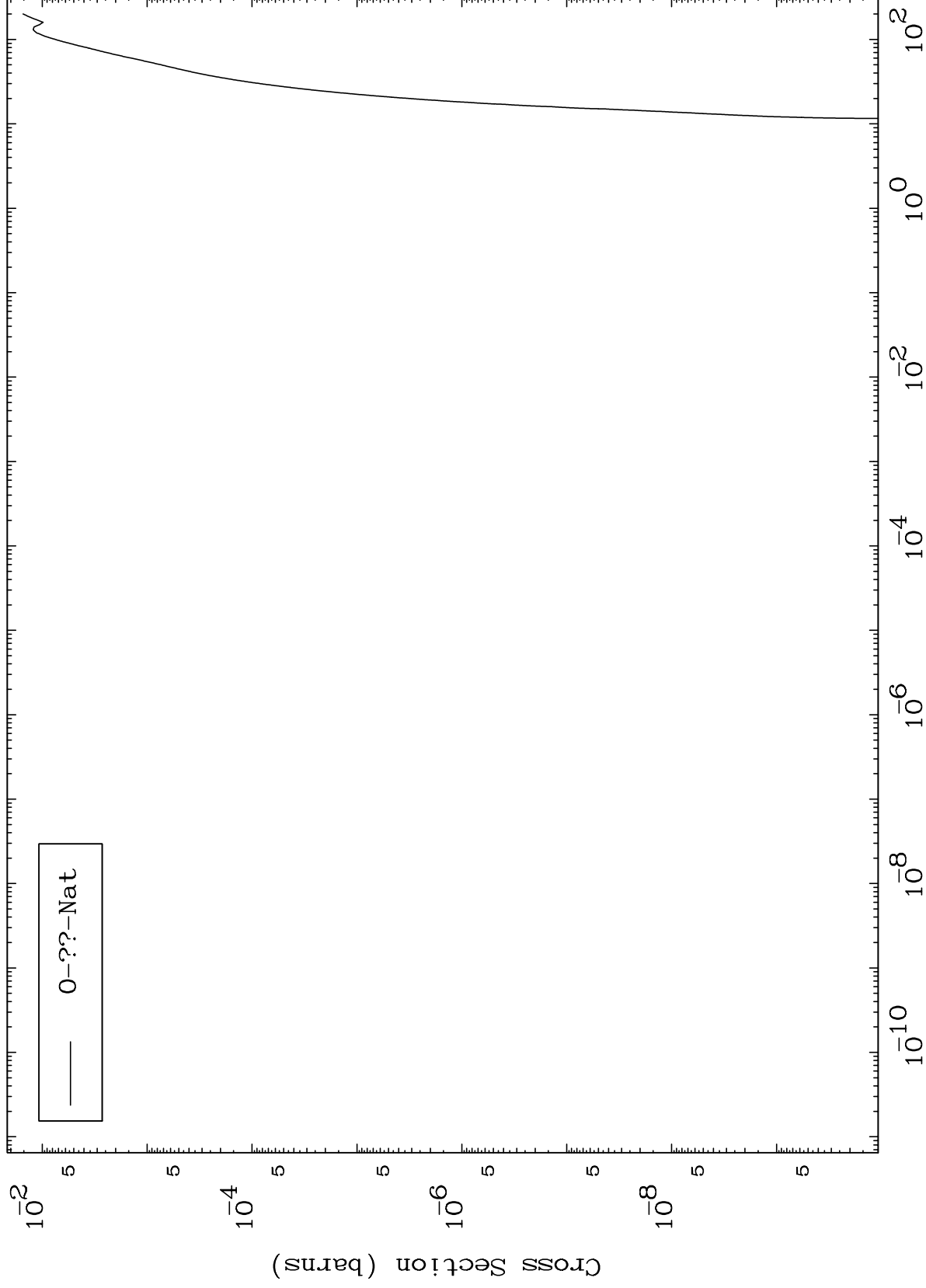


MAT 7928

Fission

⁷⁹Au-198

Radionuclide Production Cross Section



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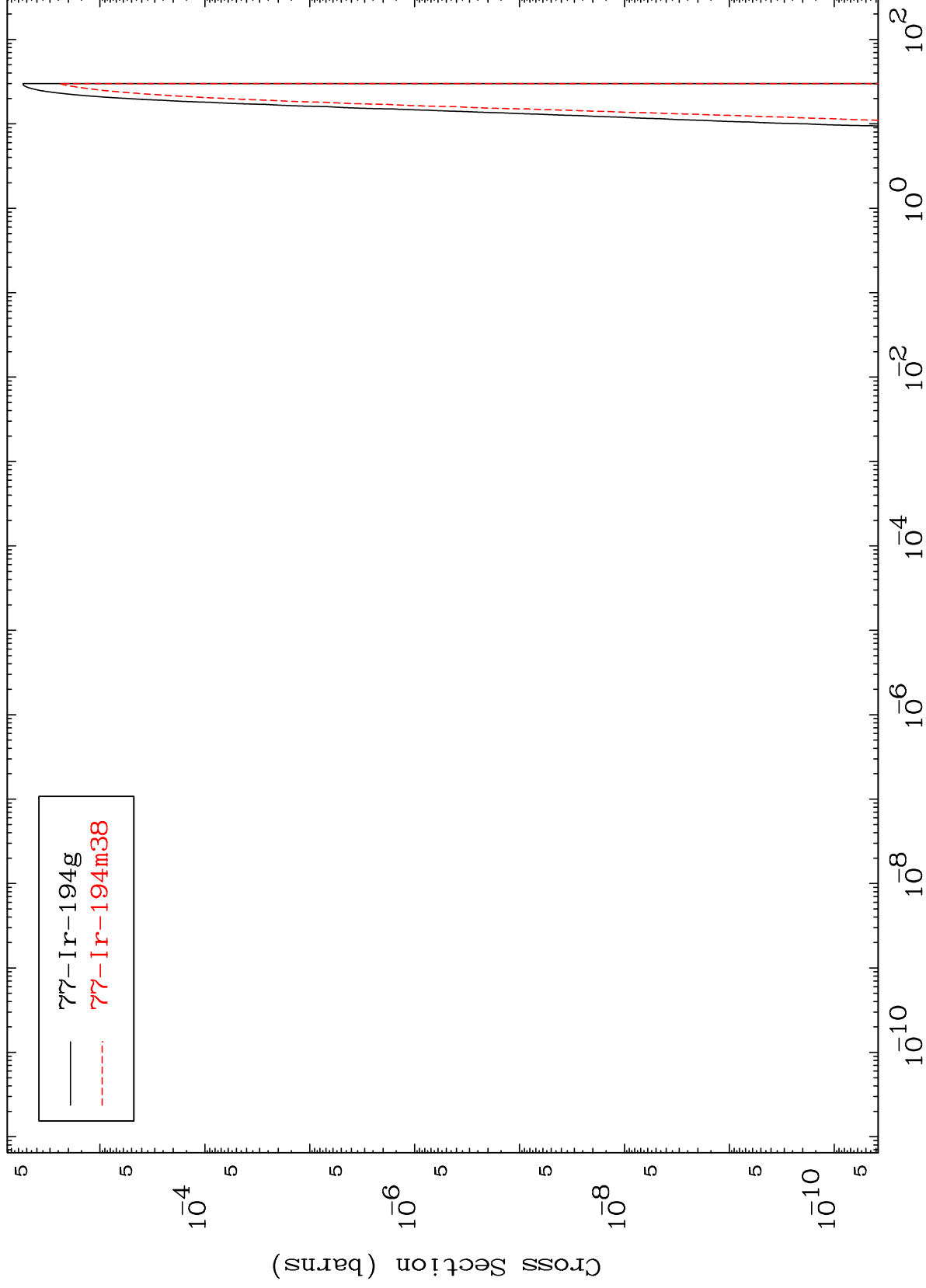
Incident Energy (MeV)

⁷⁹Au-198

MAT 7928

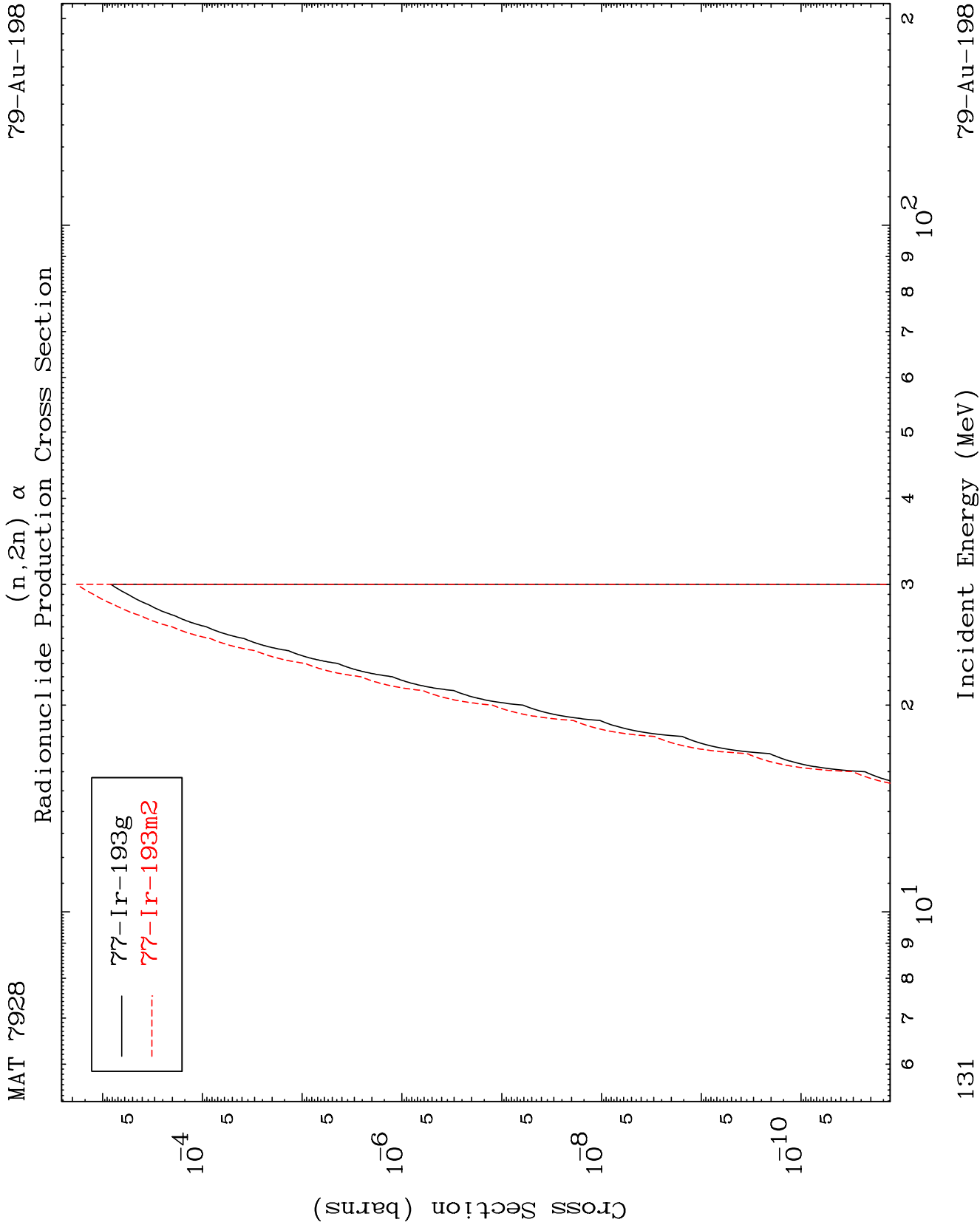
79-Au-198

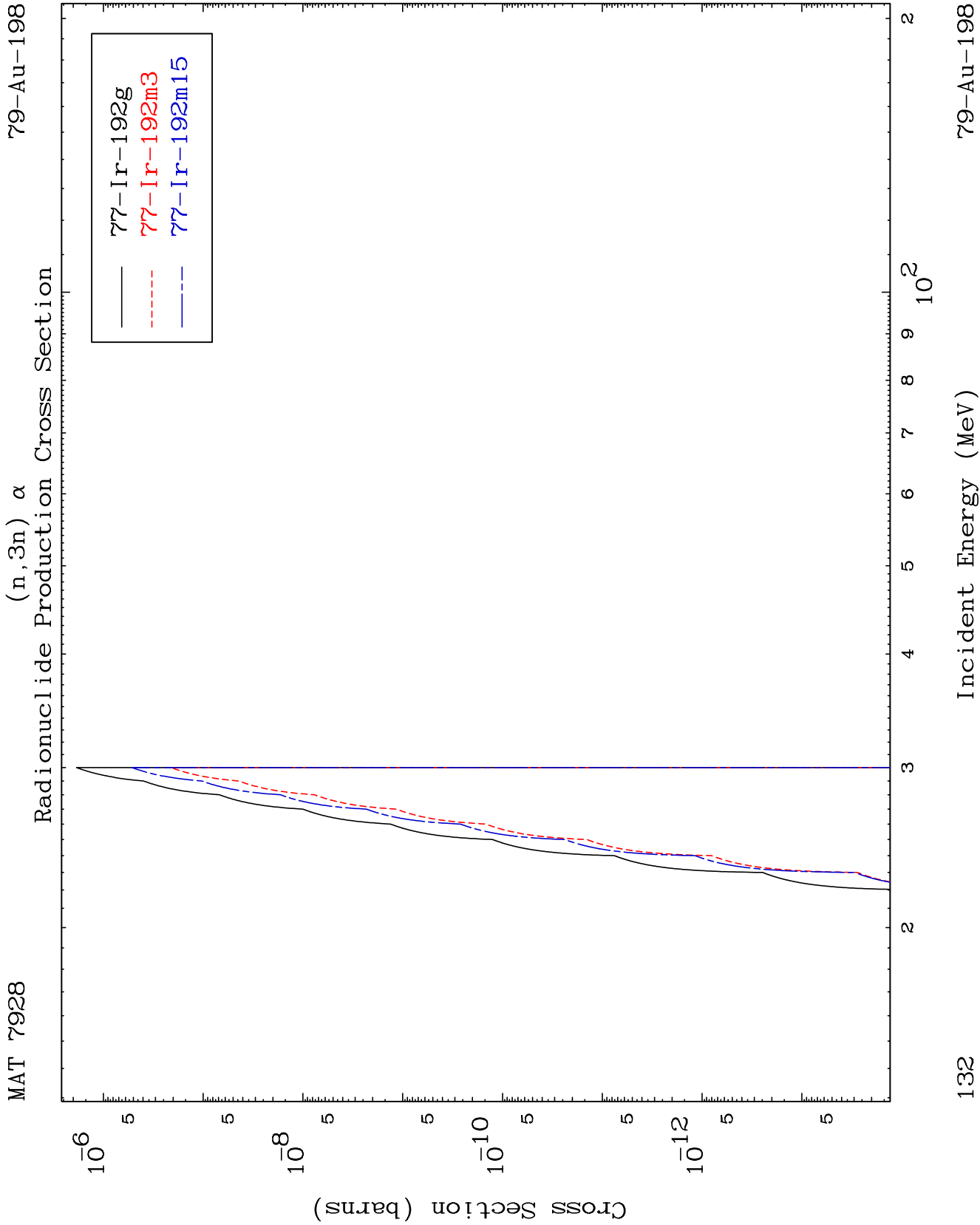
$(n,n') \alpha$
Radionuclide Production Cross Section



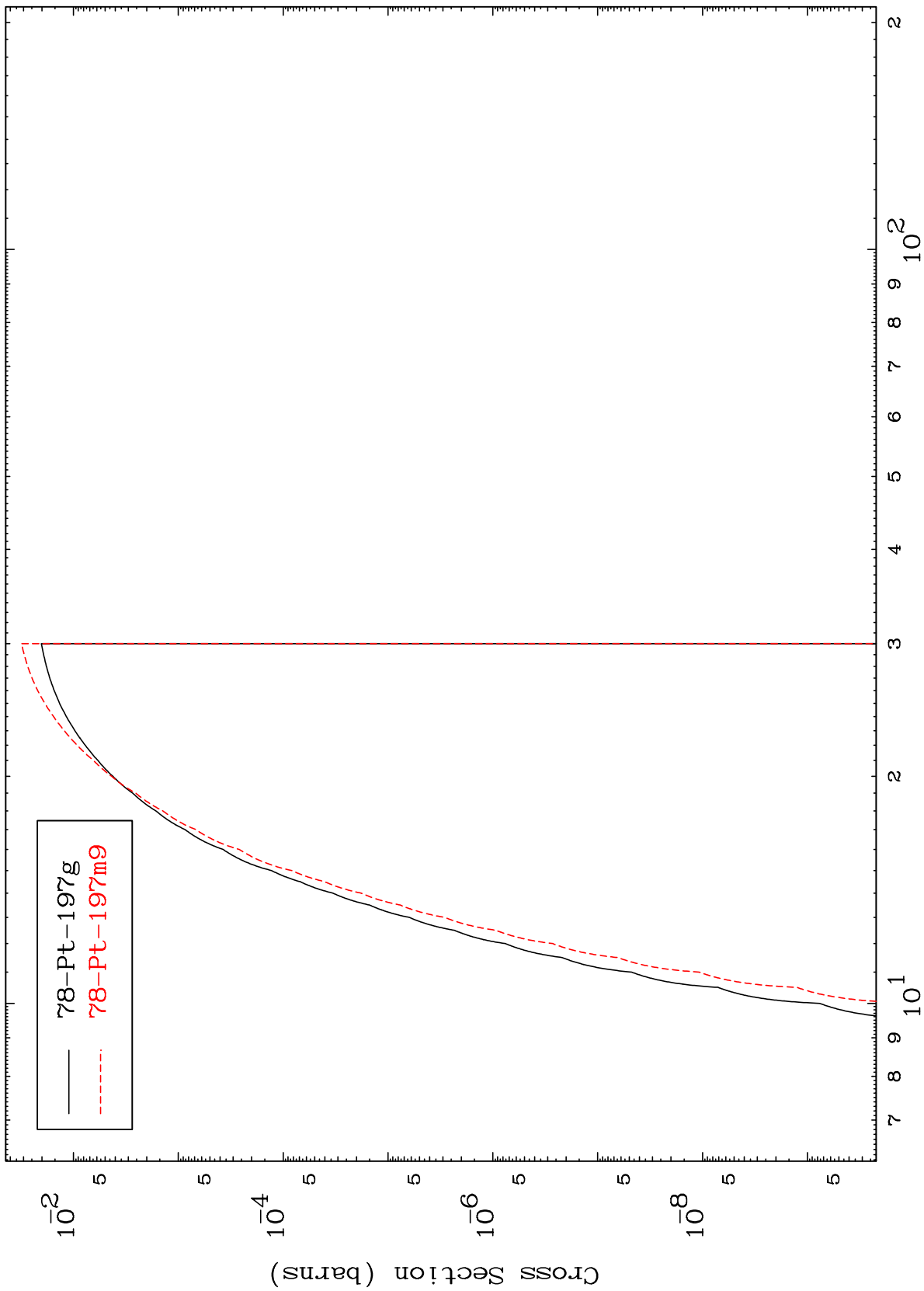
130

79-Au-198





(n,n') p
Radionuclide Production Cross Section

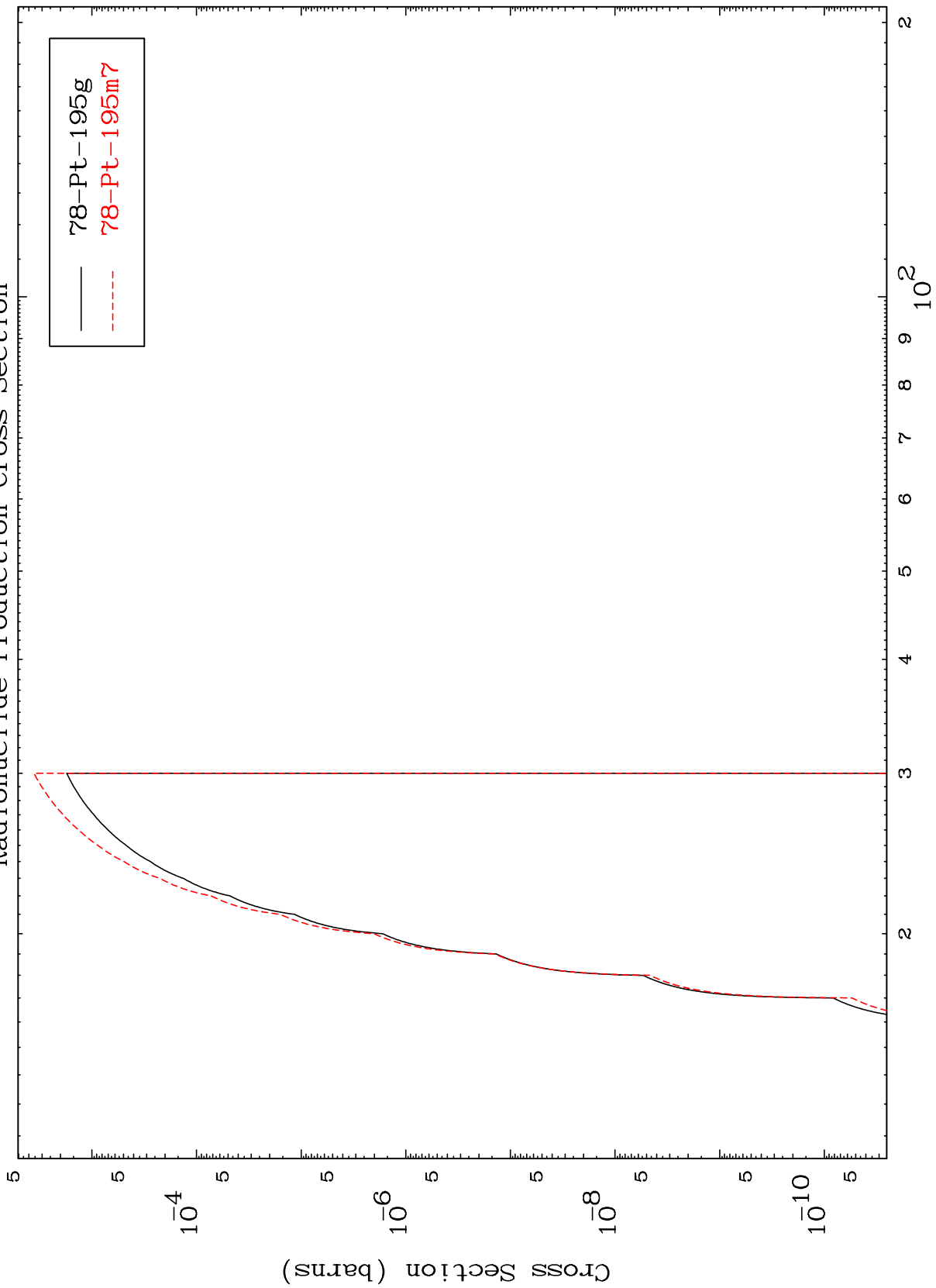


MAT 7928

(n,n') t

79-Au-198

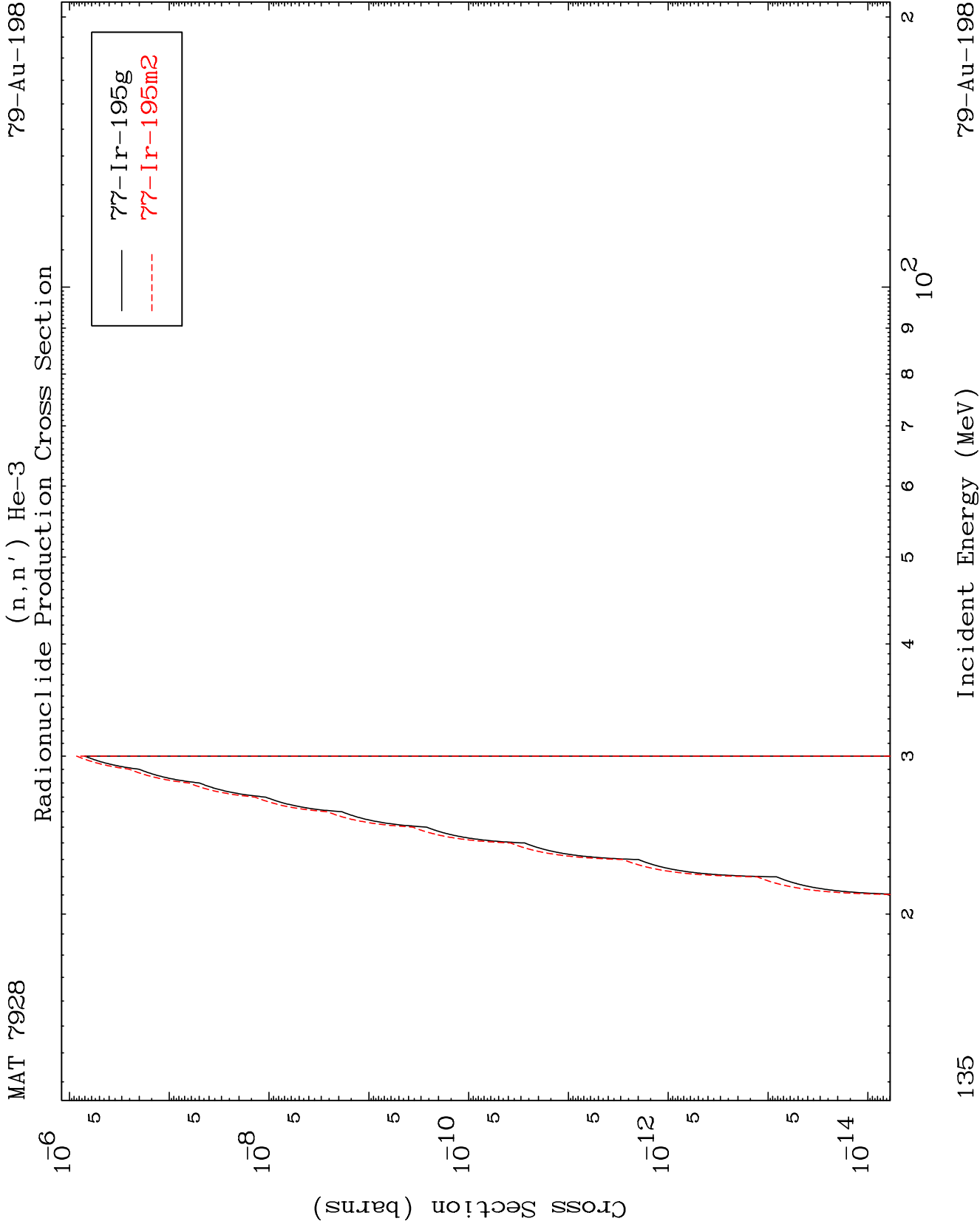
Radionuclide Production Cross Section



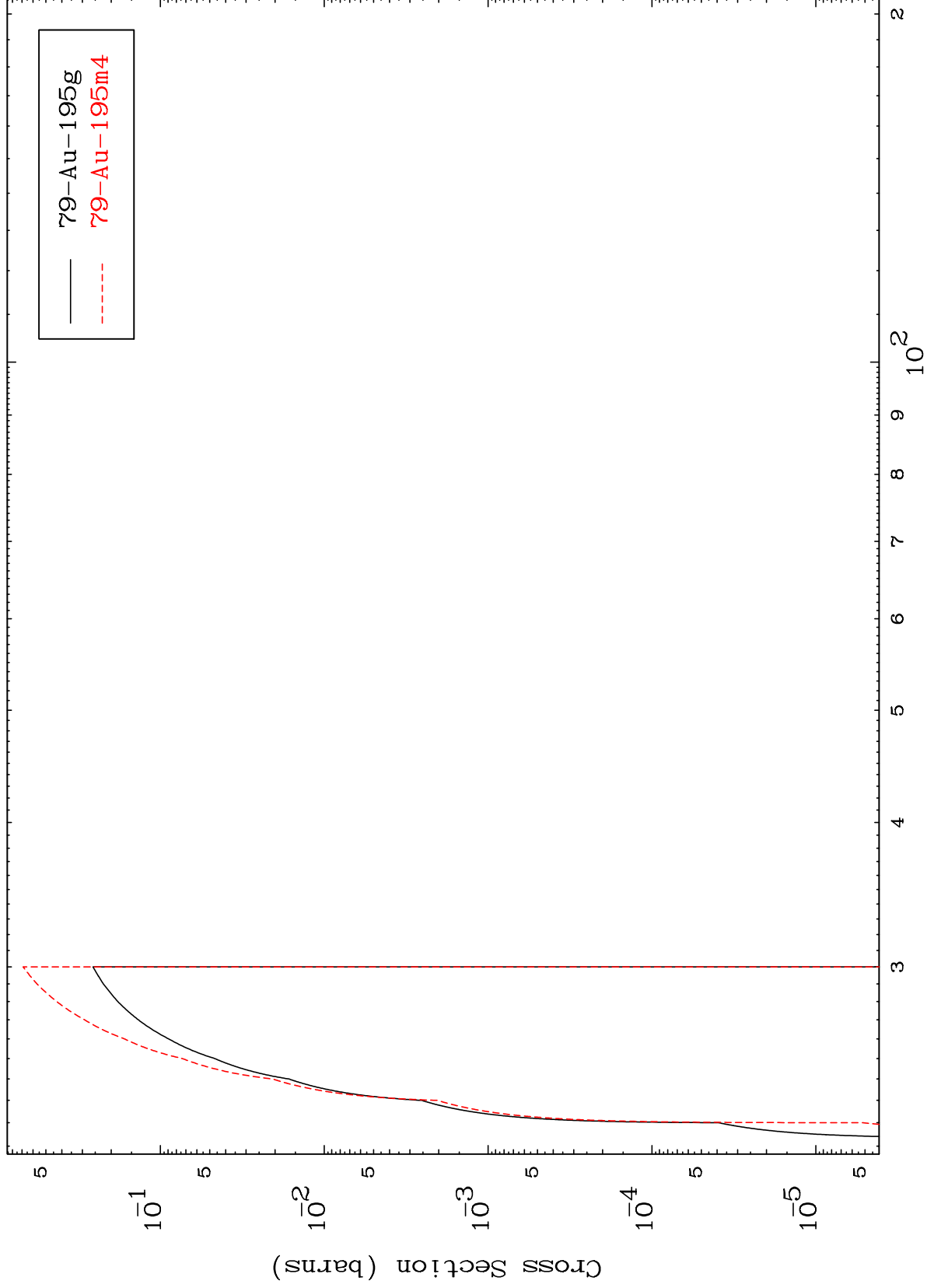
134

Incident Energy (MeV)

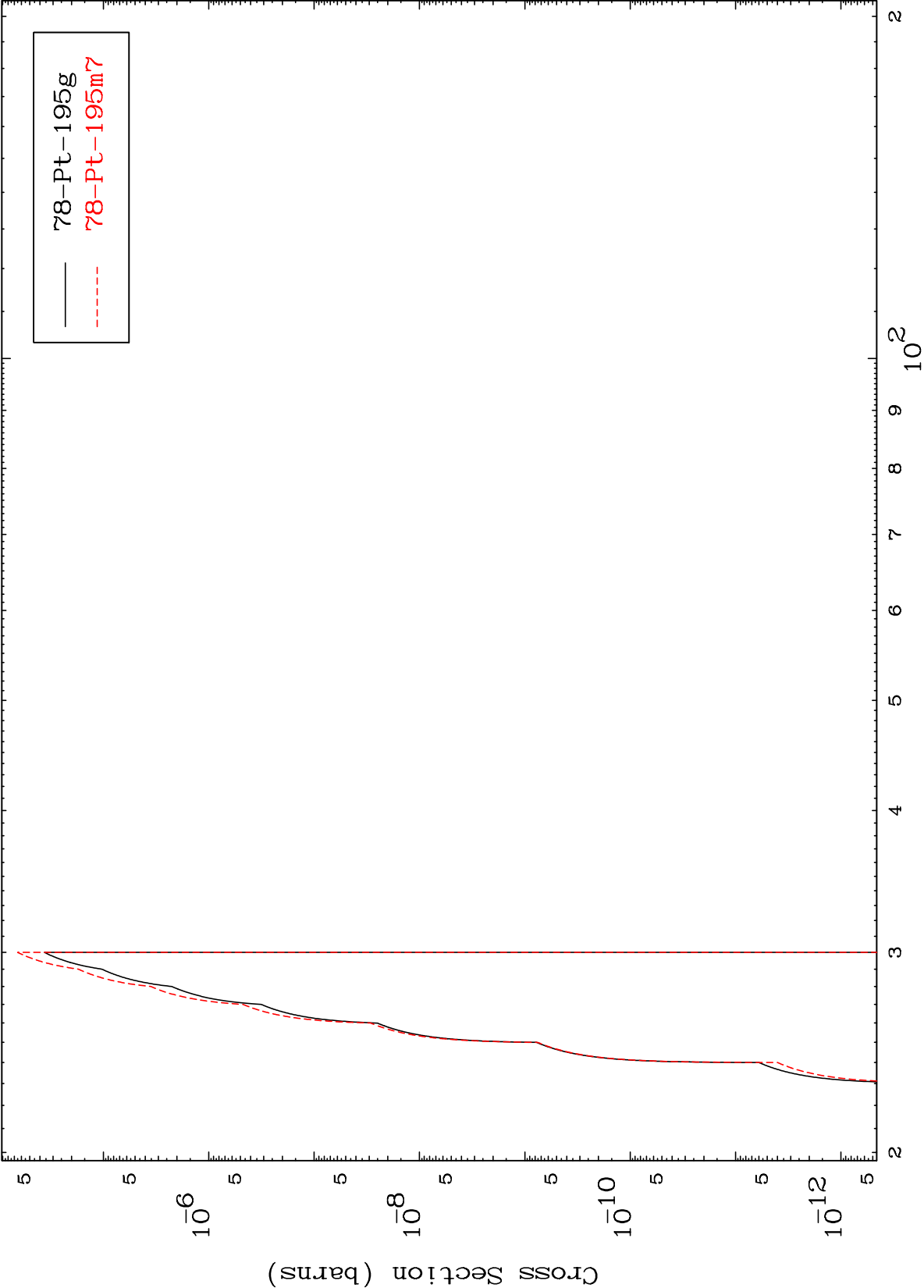
79-Au-198

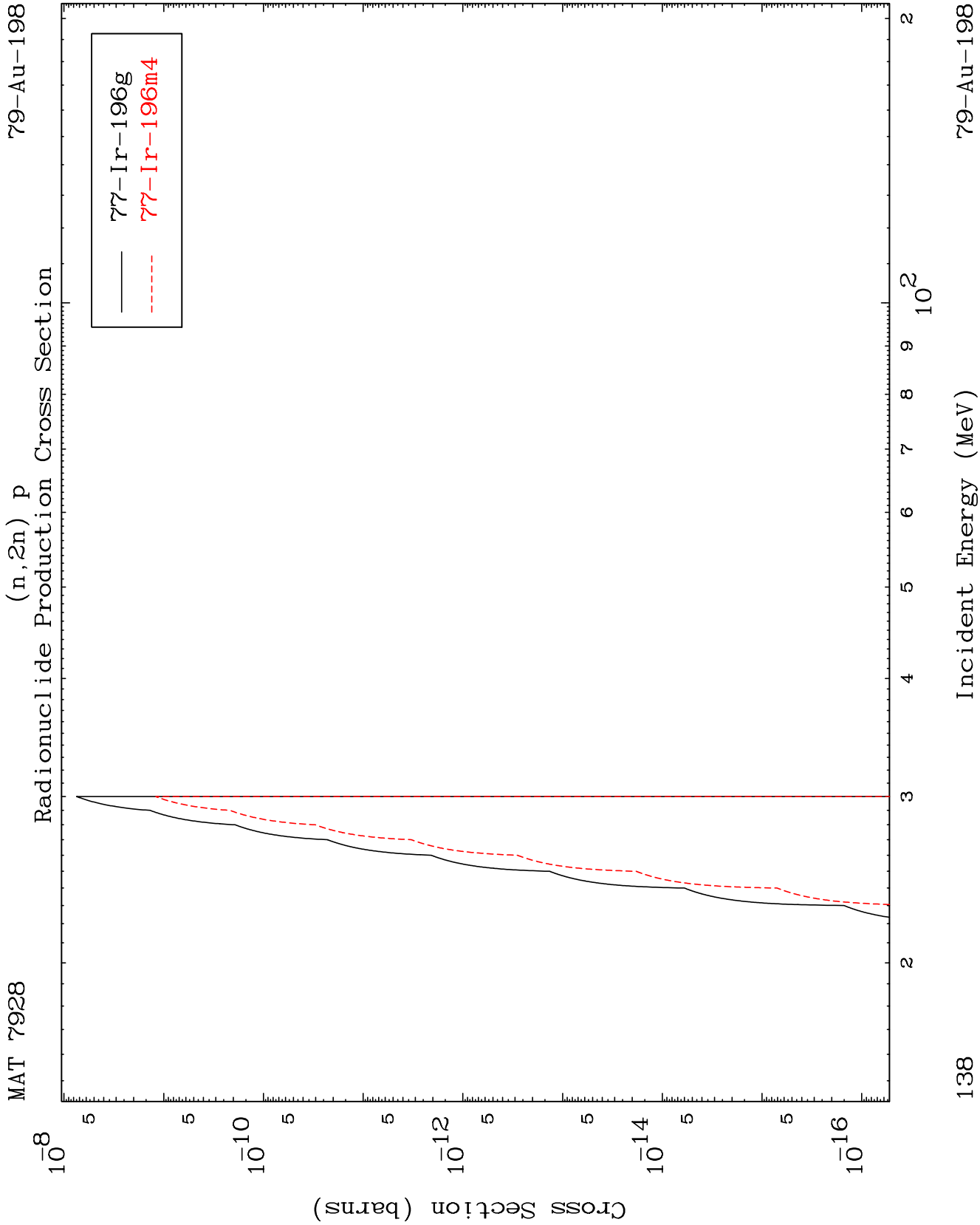


(n,4n)
Radionuclide Production Cross Section

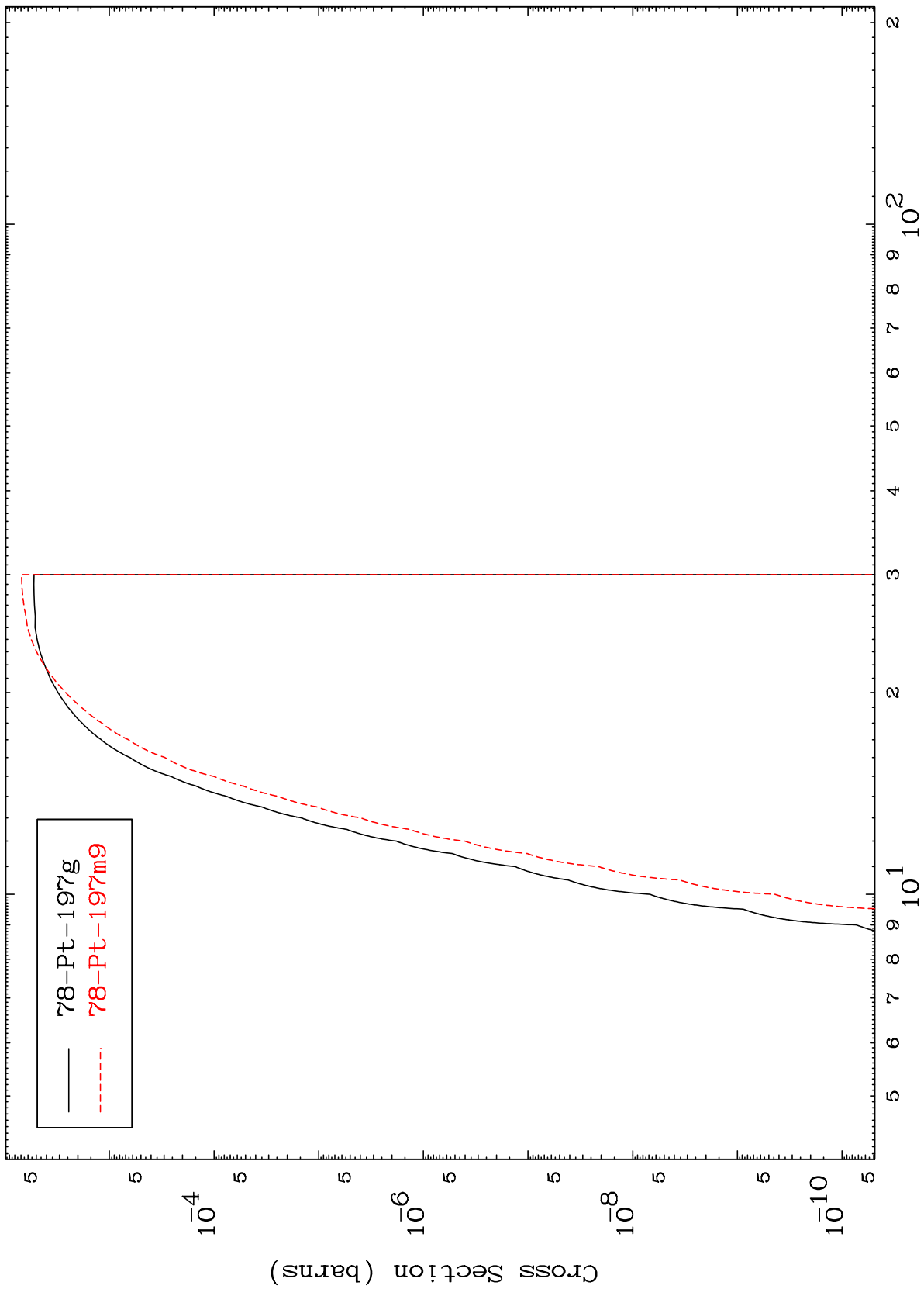


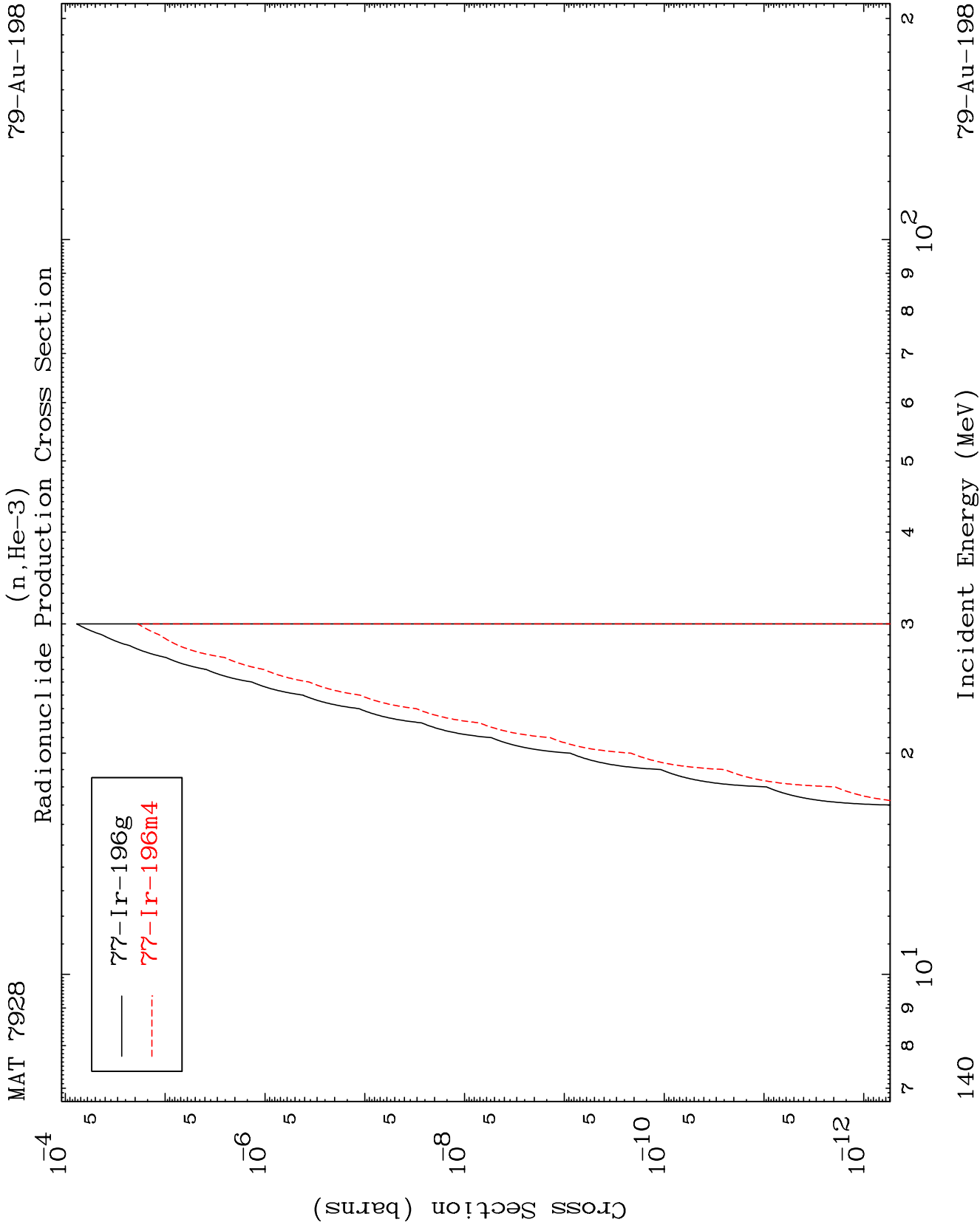
Radionuclide Production Cross Section





Radionuclide Production Cross Section (n,d)



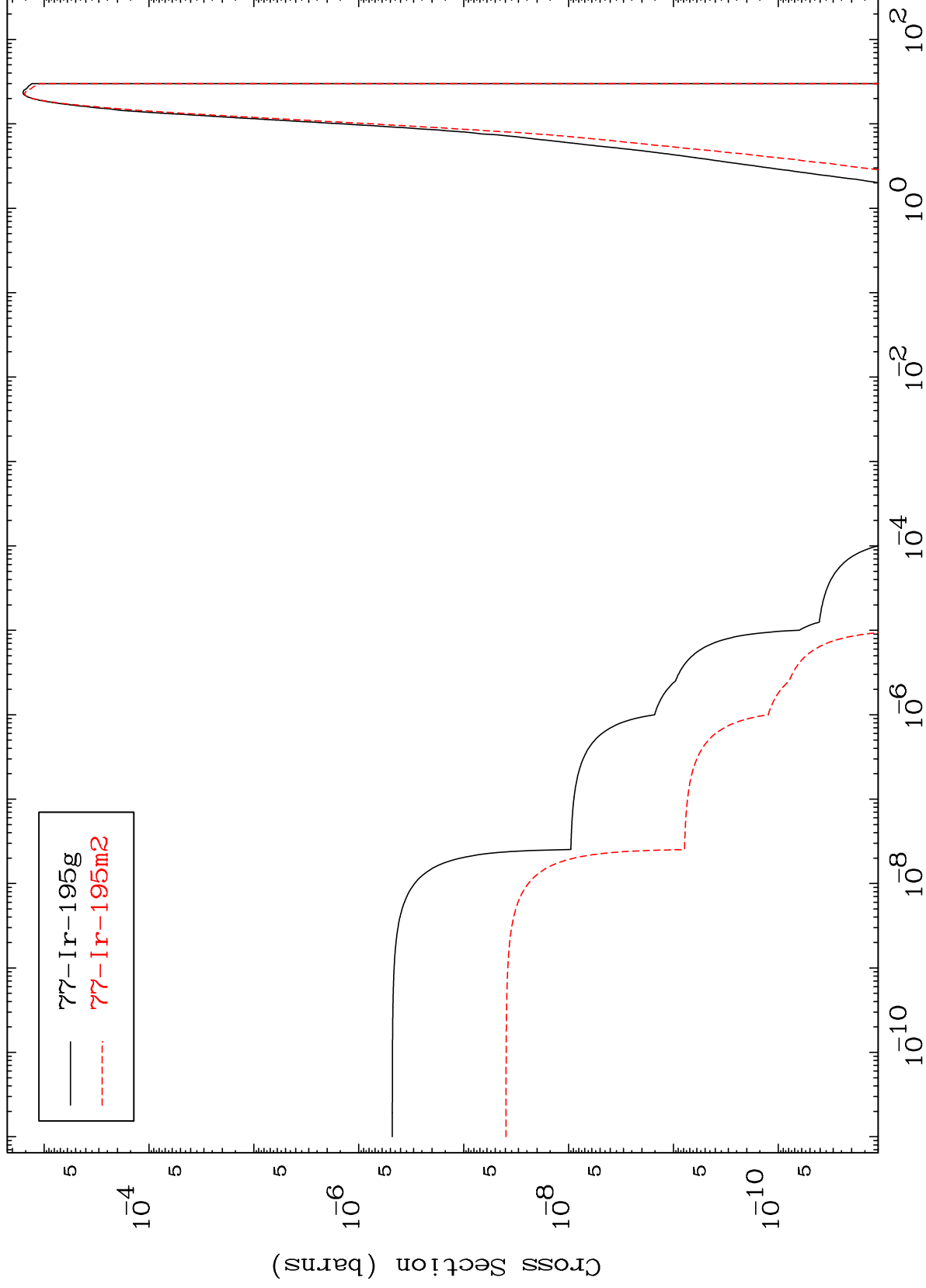


MAT 7928

(n, α)

79-Au-198

Radionuclide Production Cross Section



141

Incident Energy (MeV)

79-Au-198

