

Program EVALPLOT
(Version 2021-1)

by

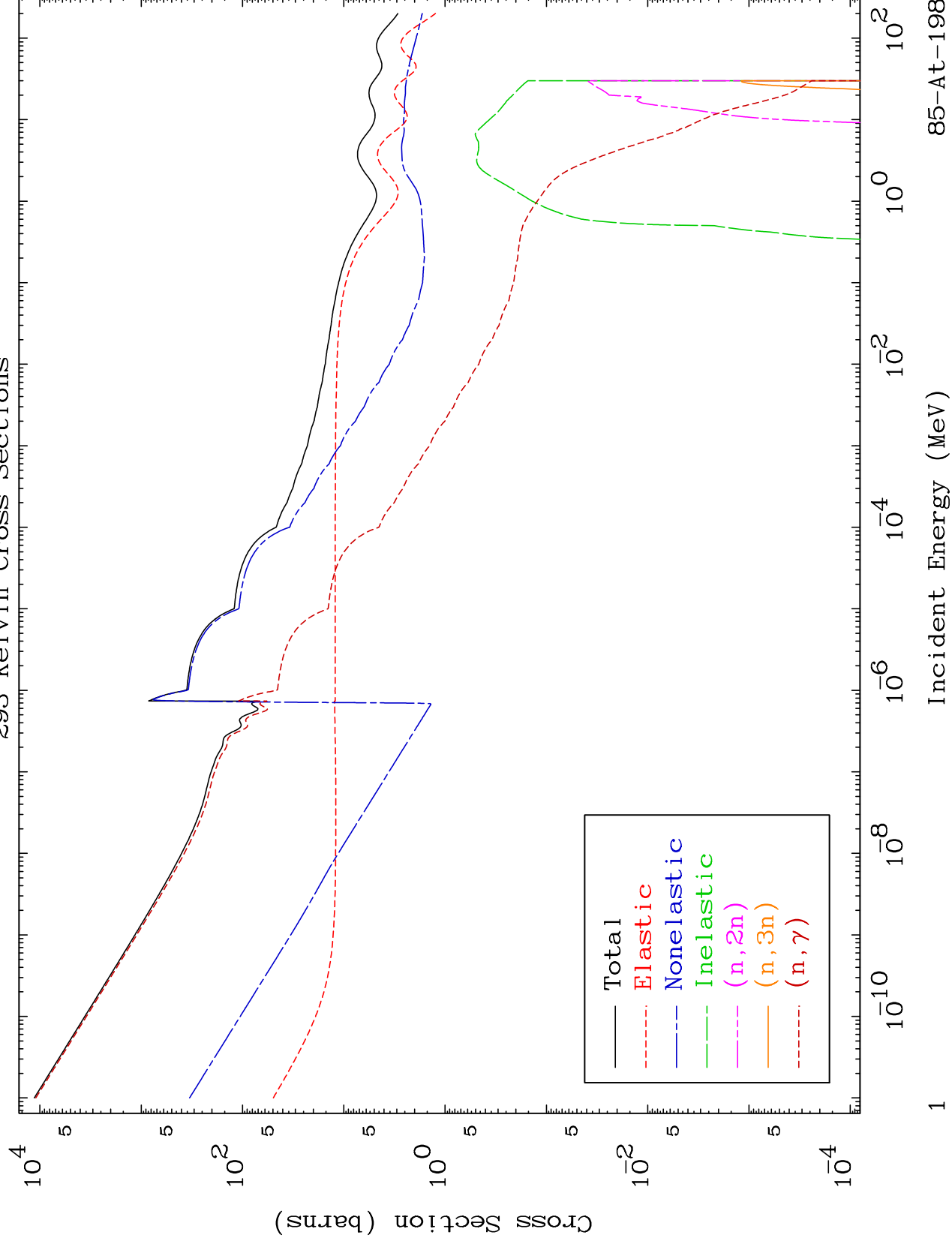
Dermott E. Cullen
(Present Contact Information)

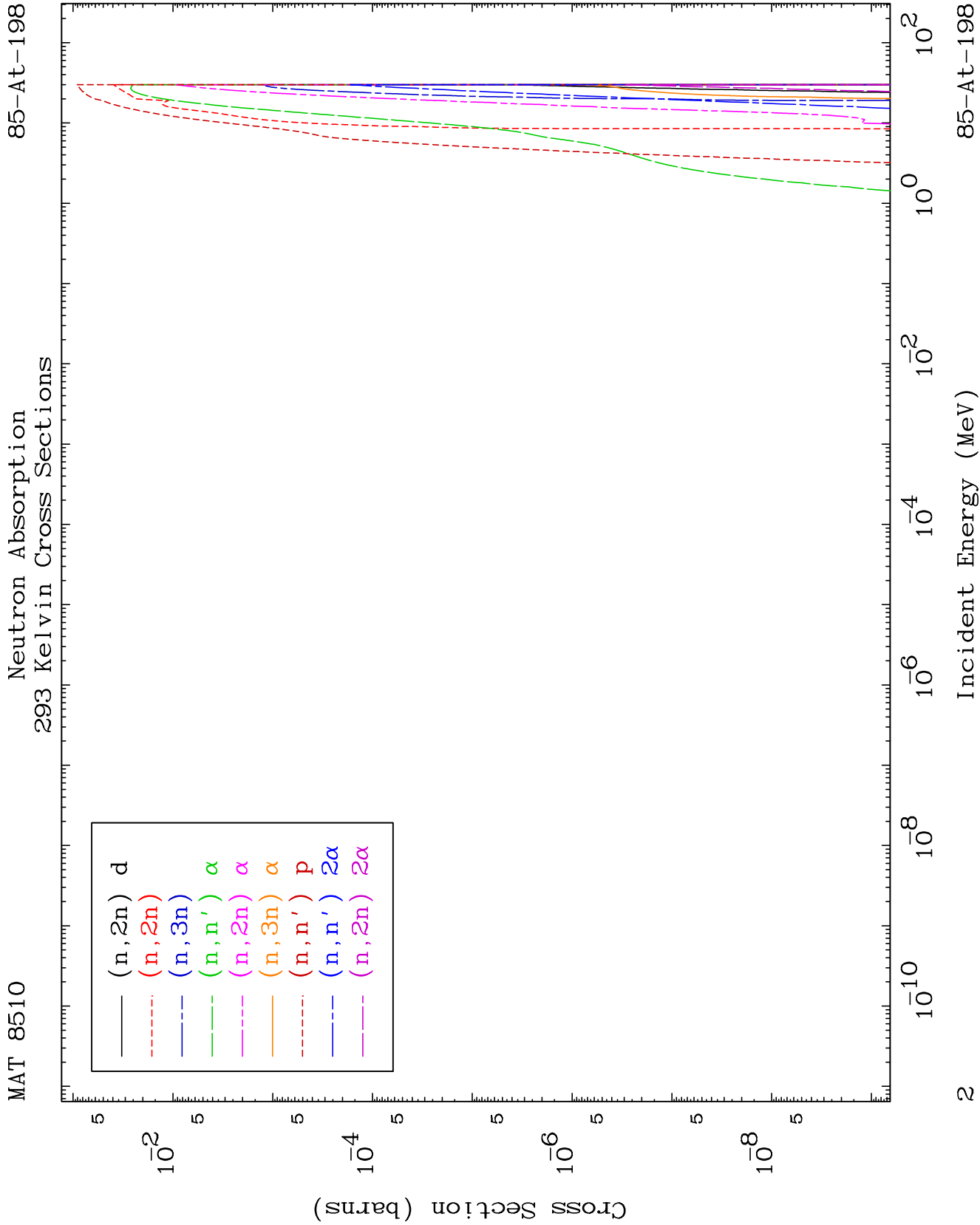
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

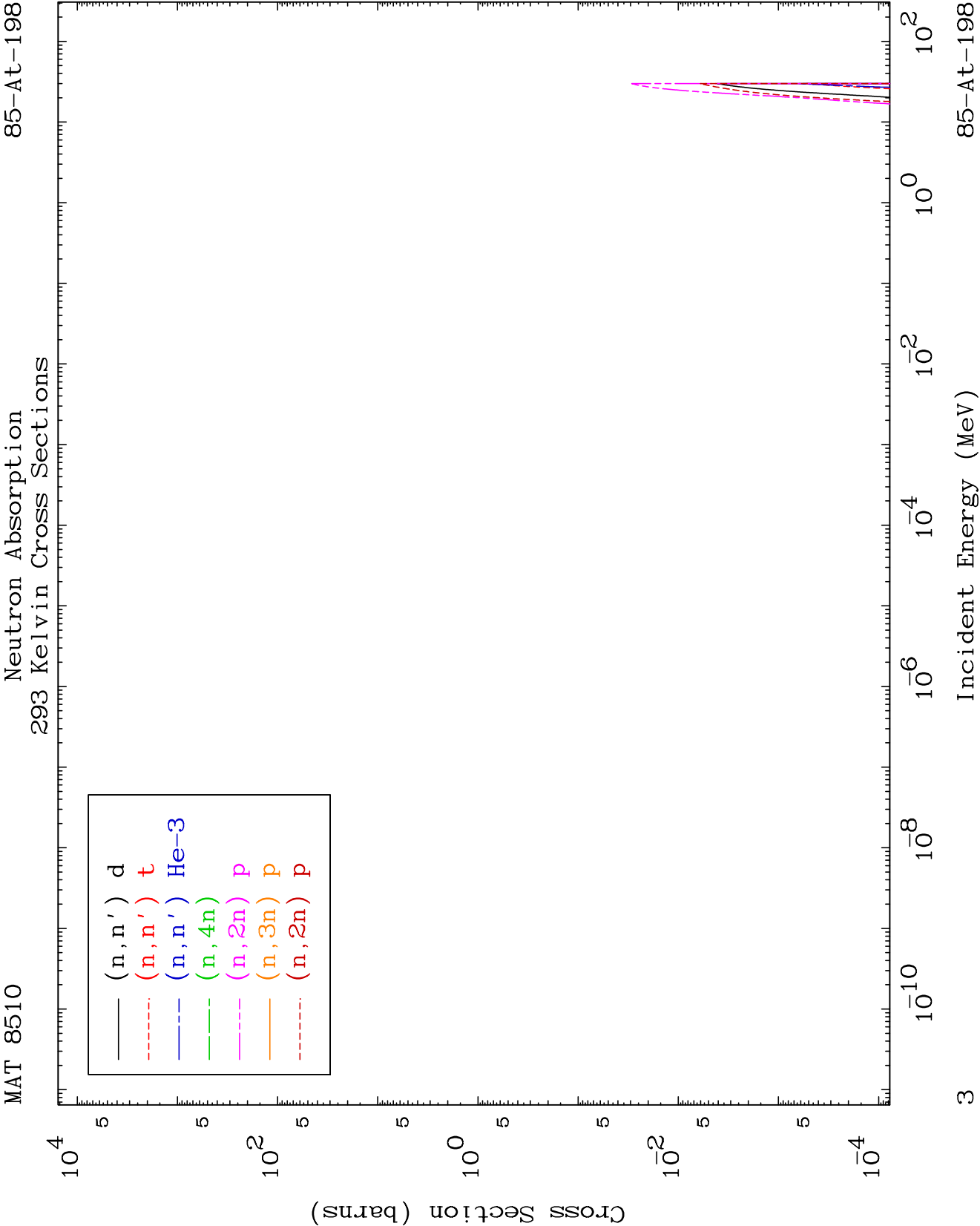
Tele: 925-443-1911

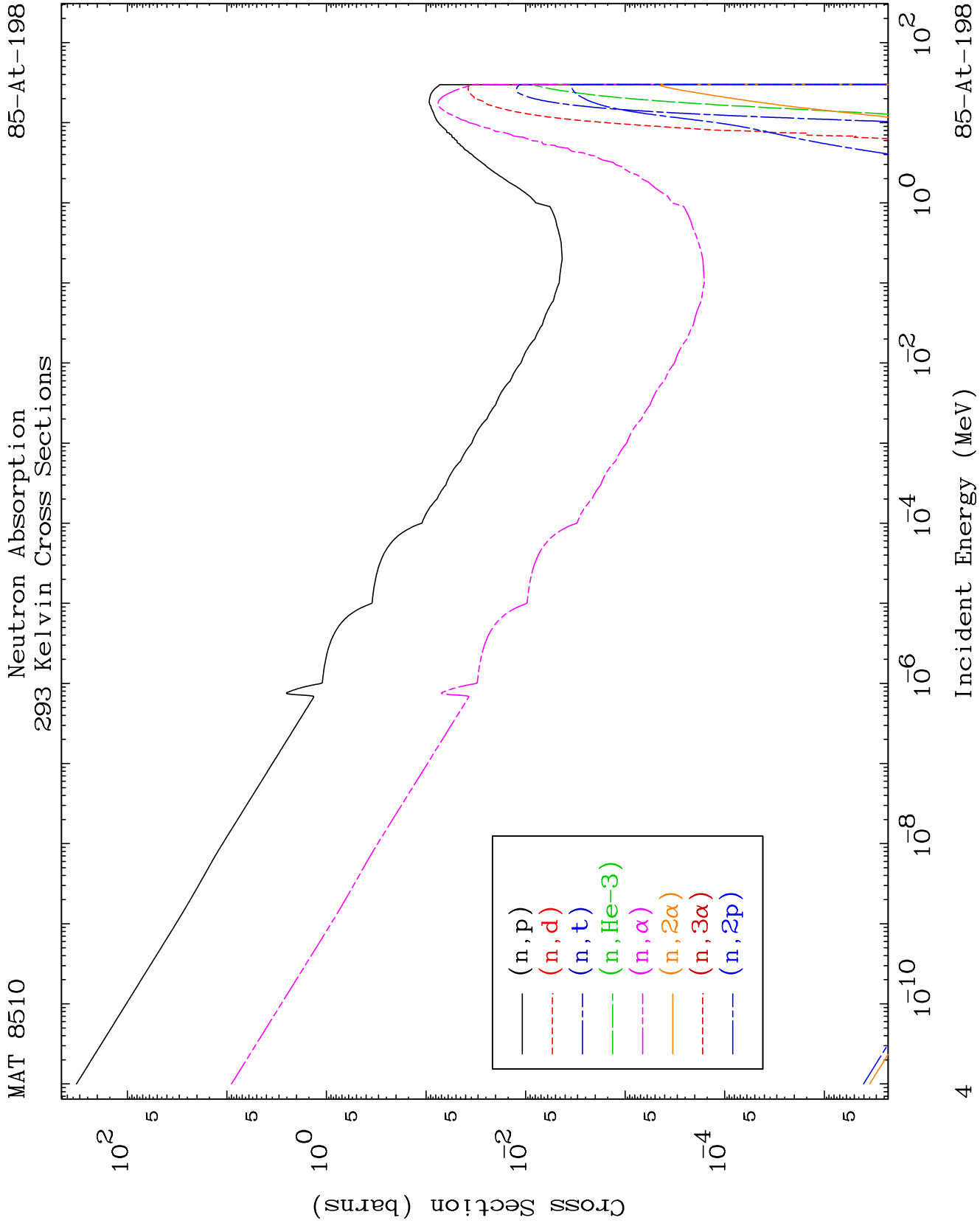
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

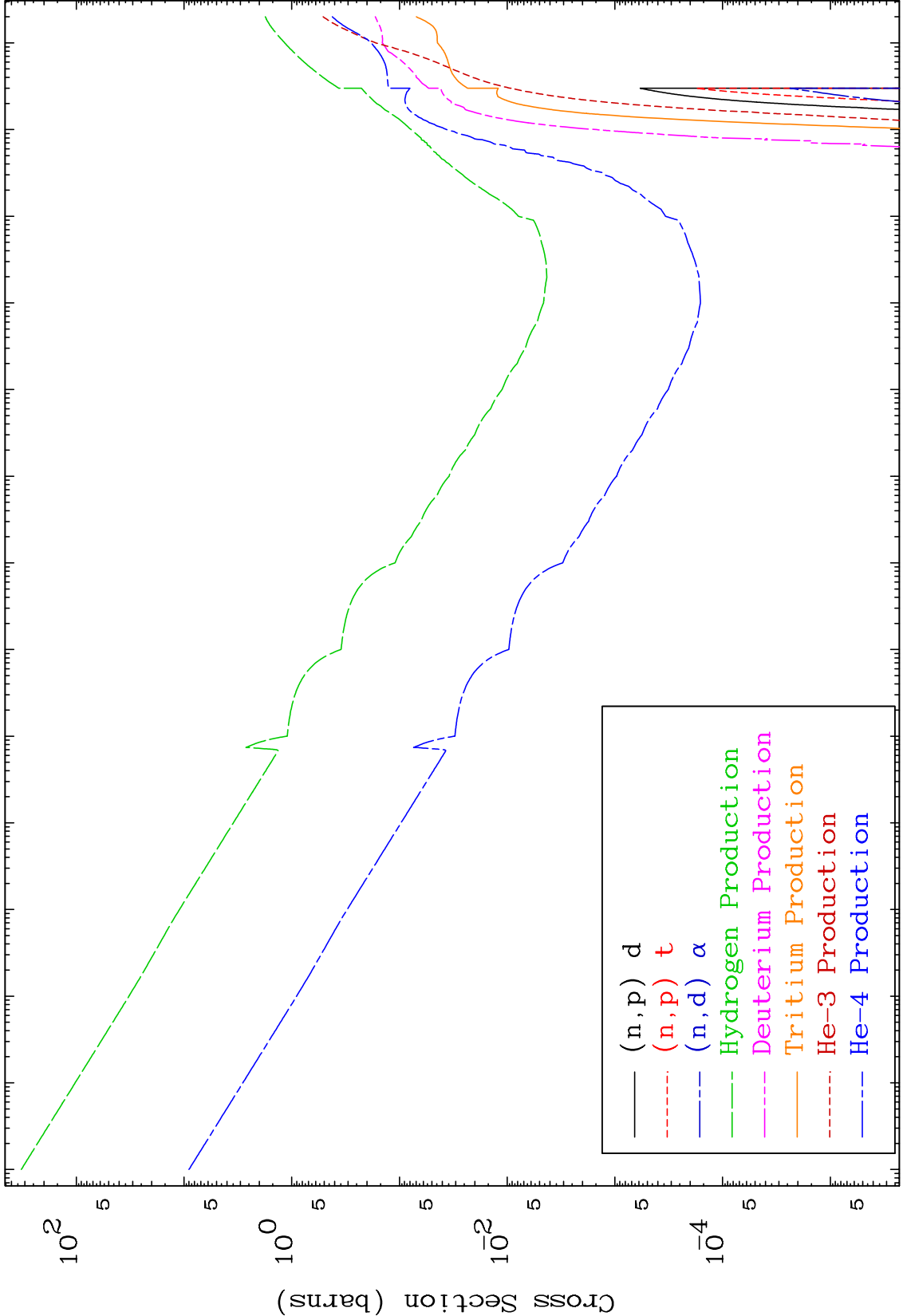
Press Mouse Button to Start

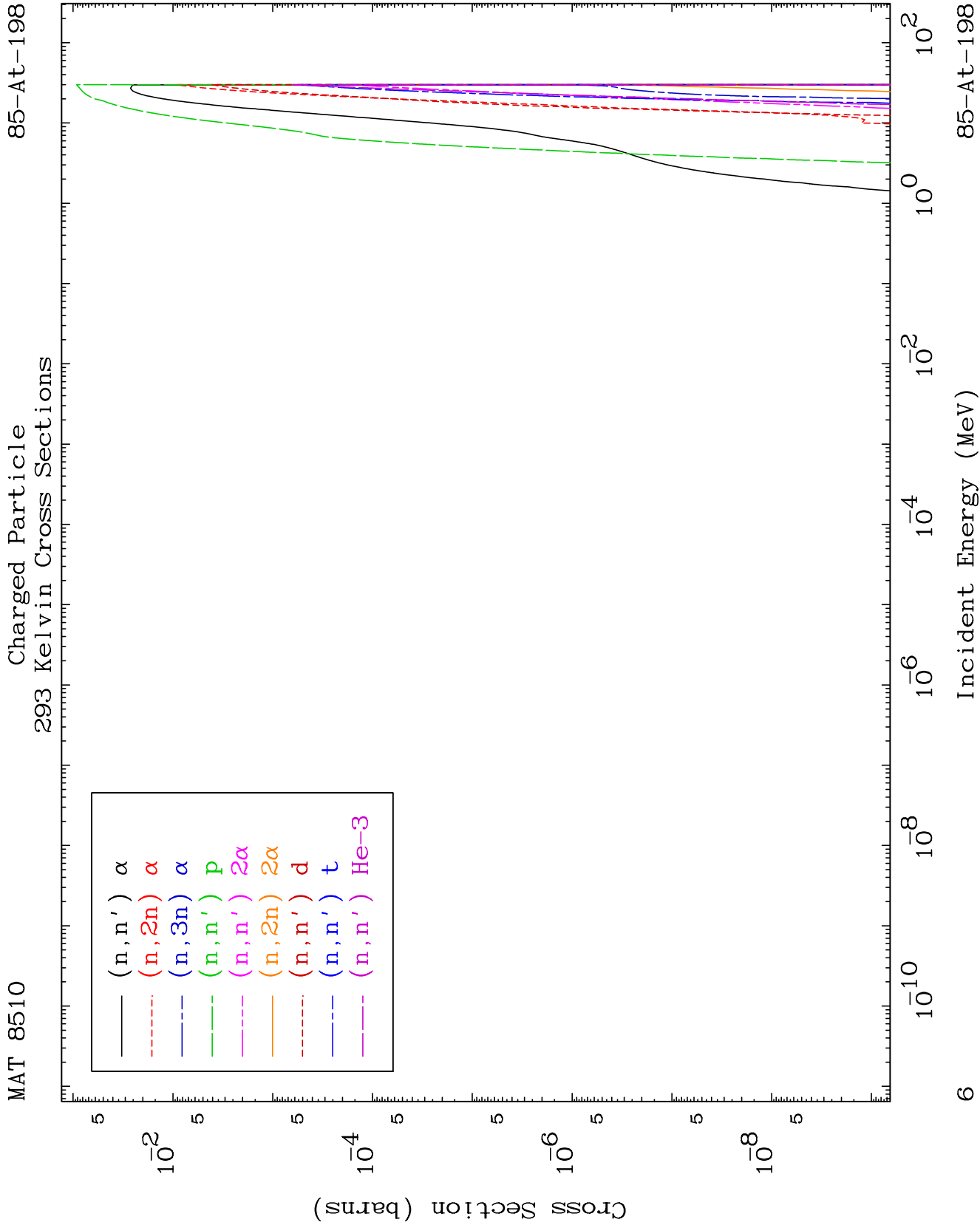


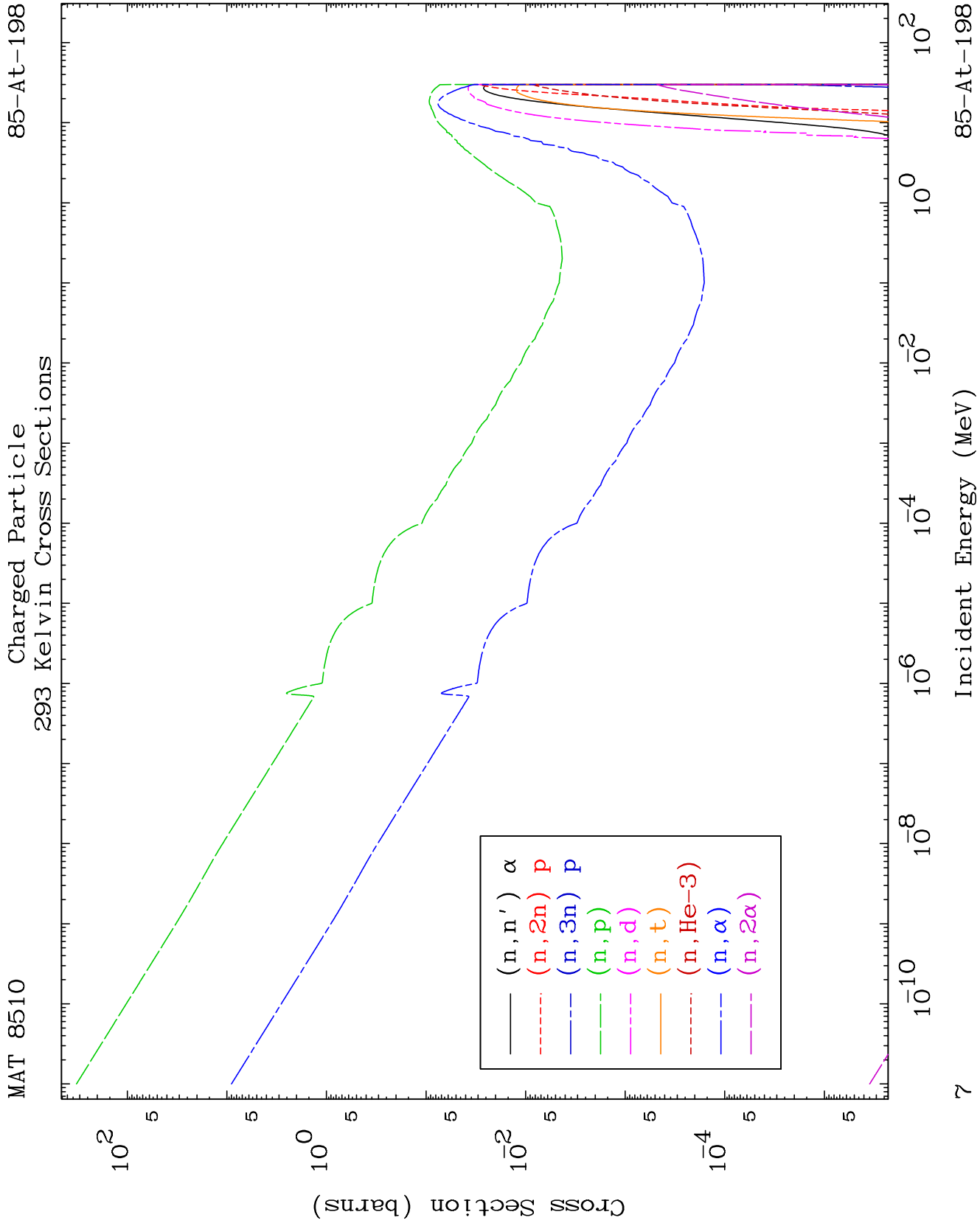


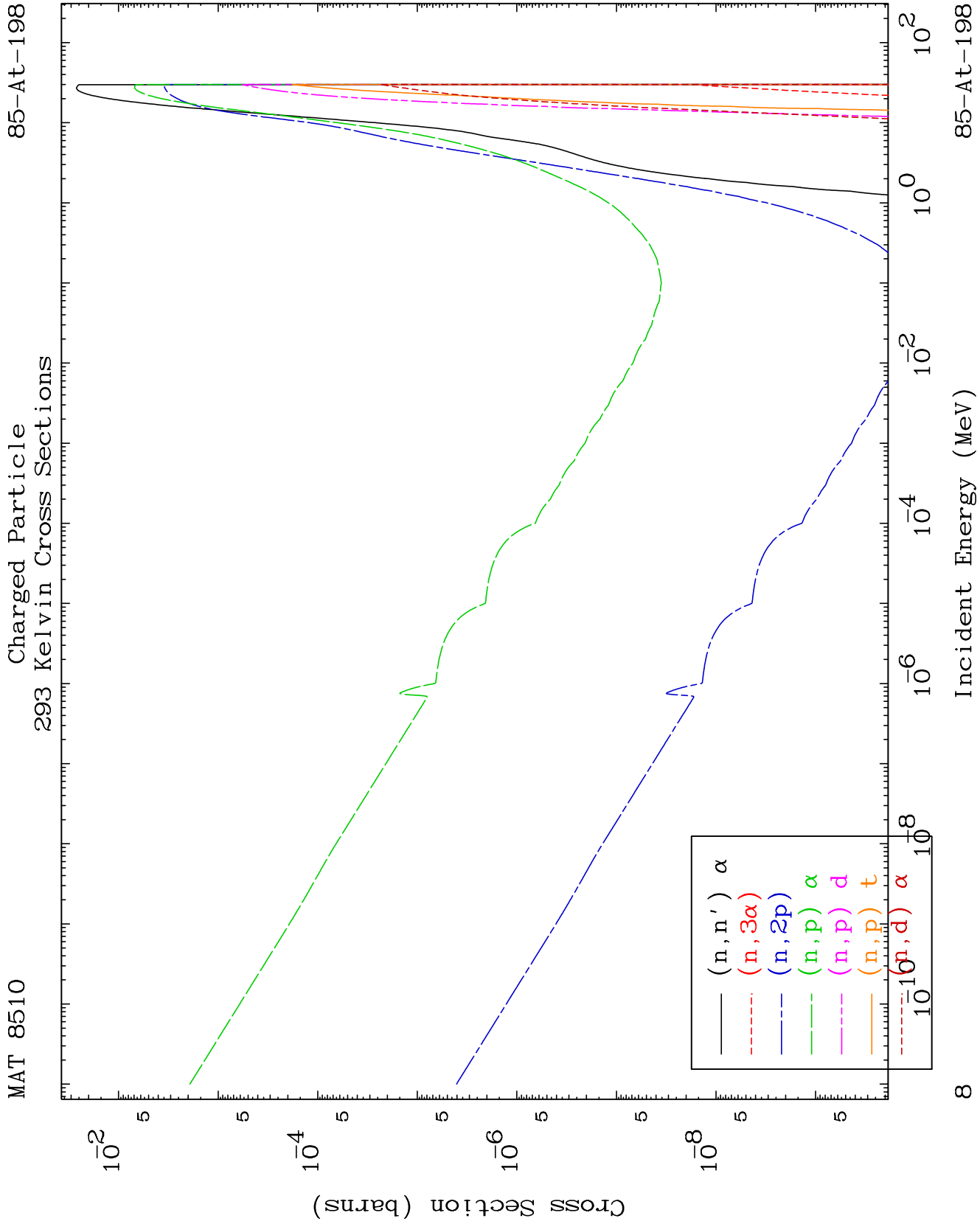


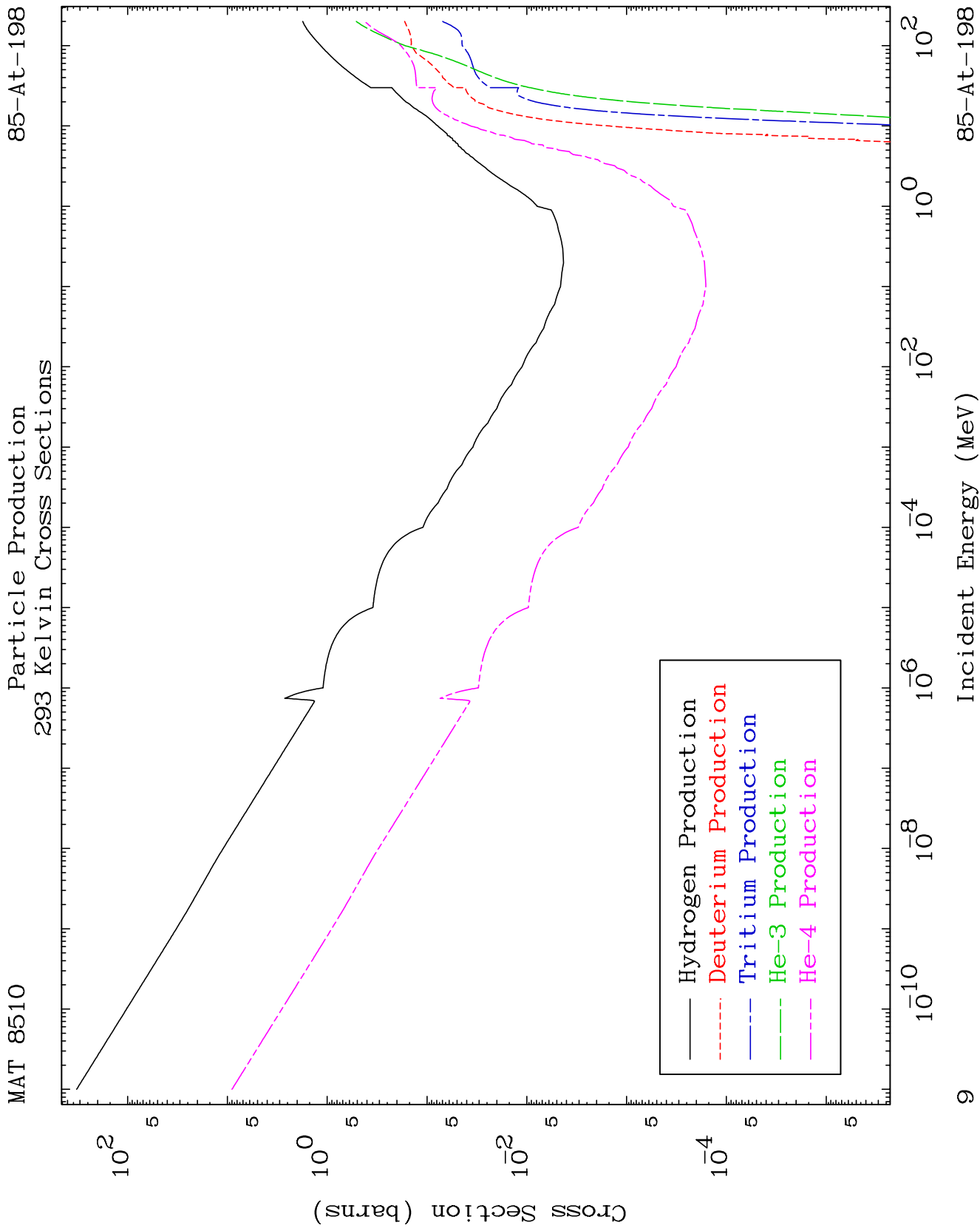


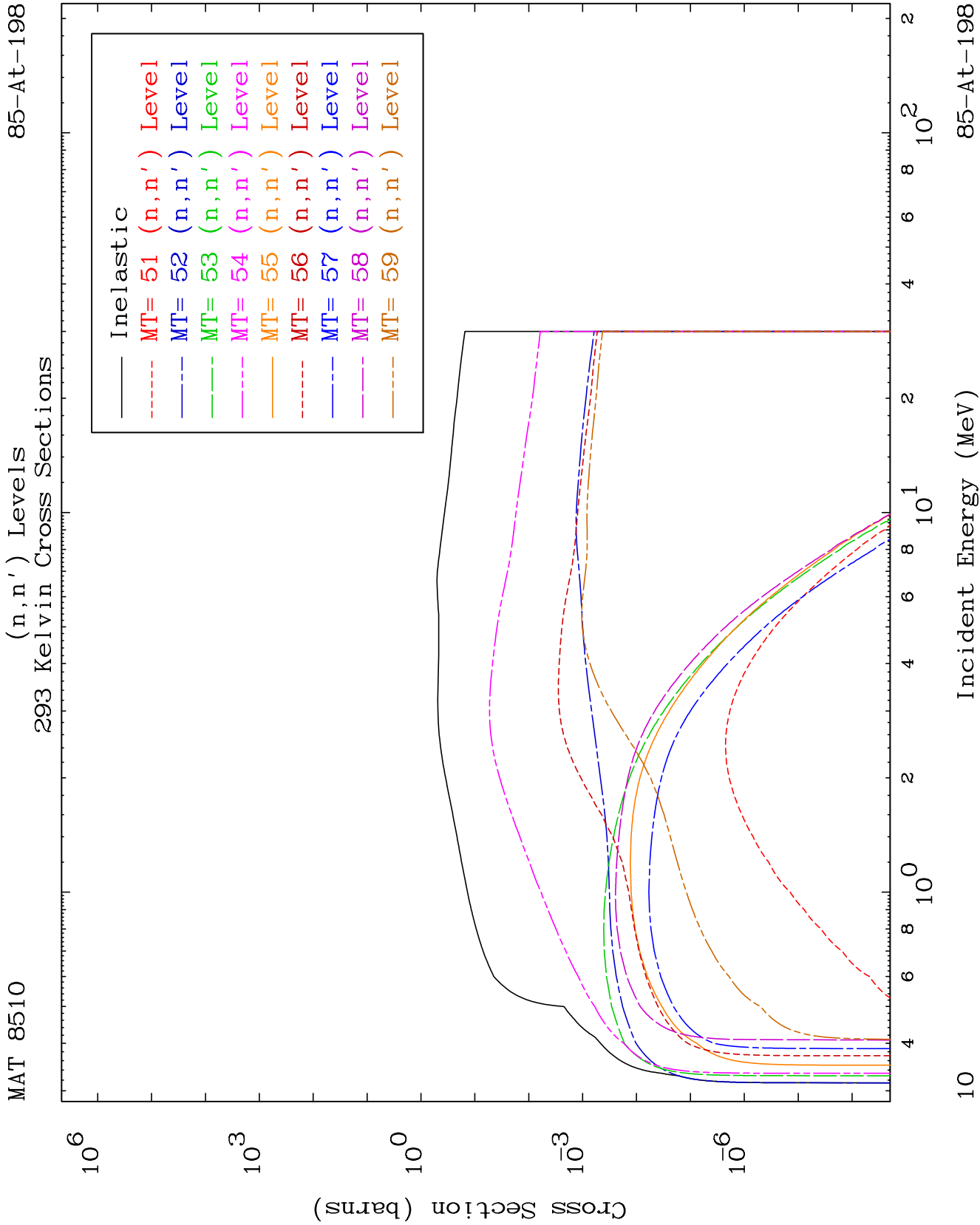


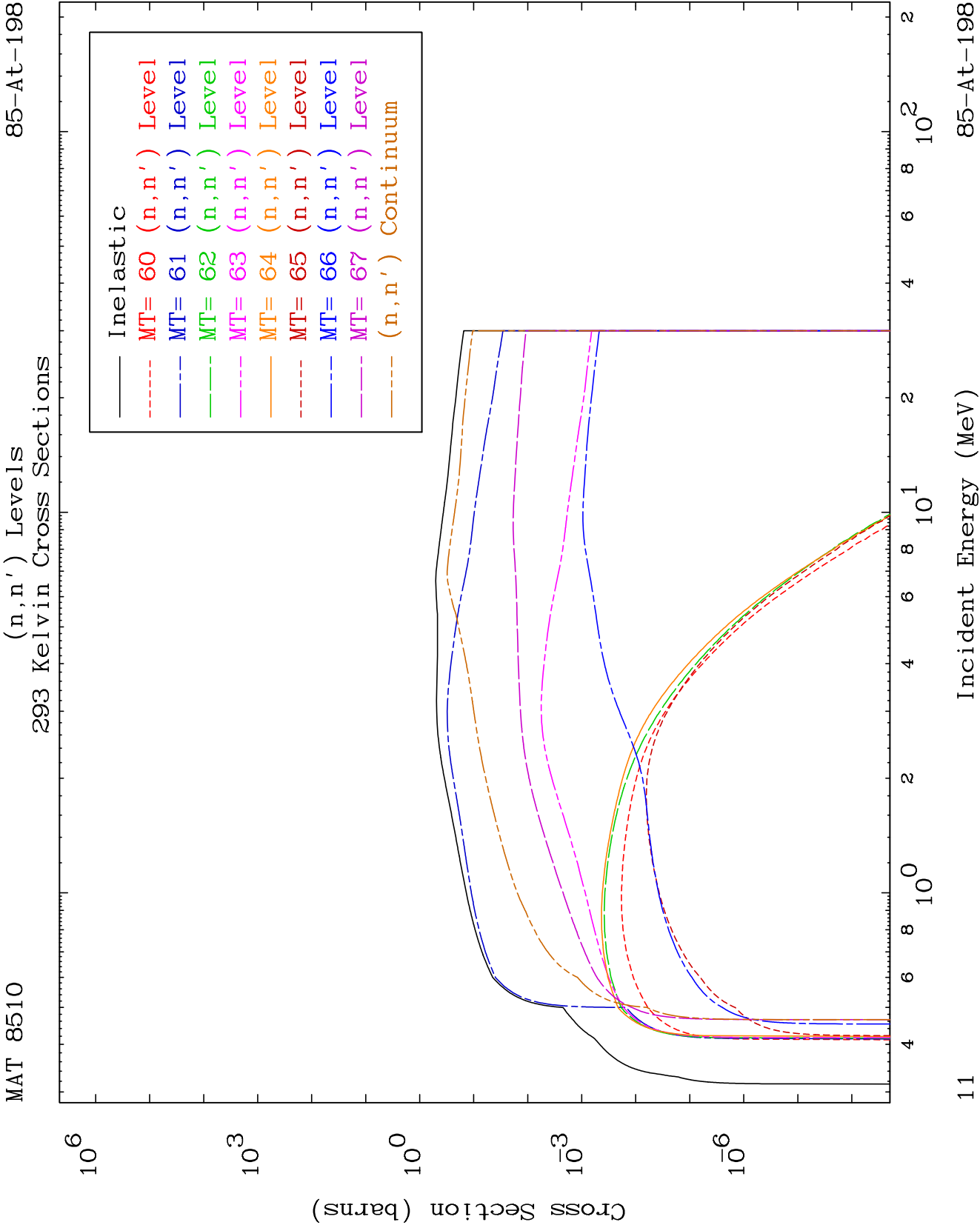


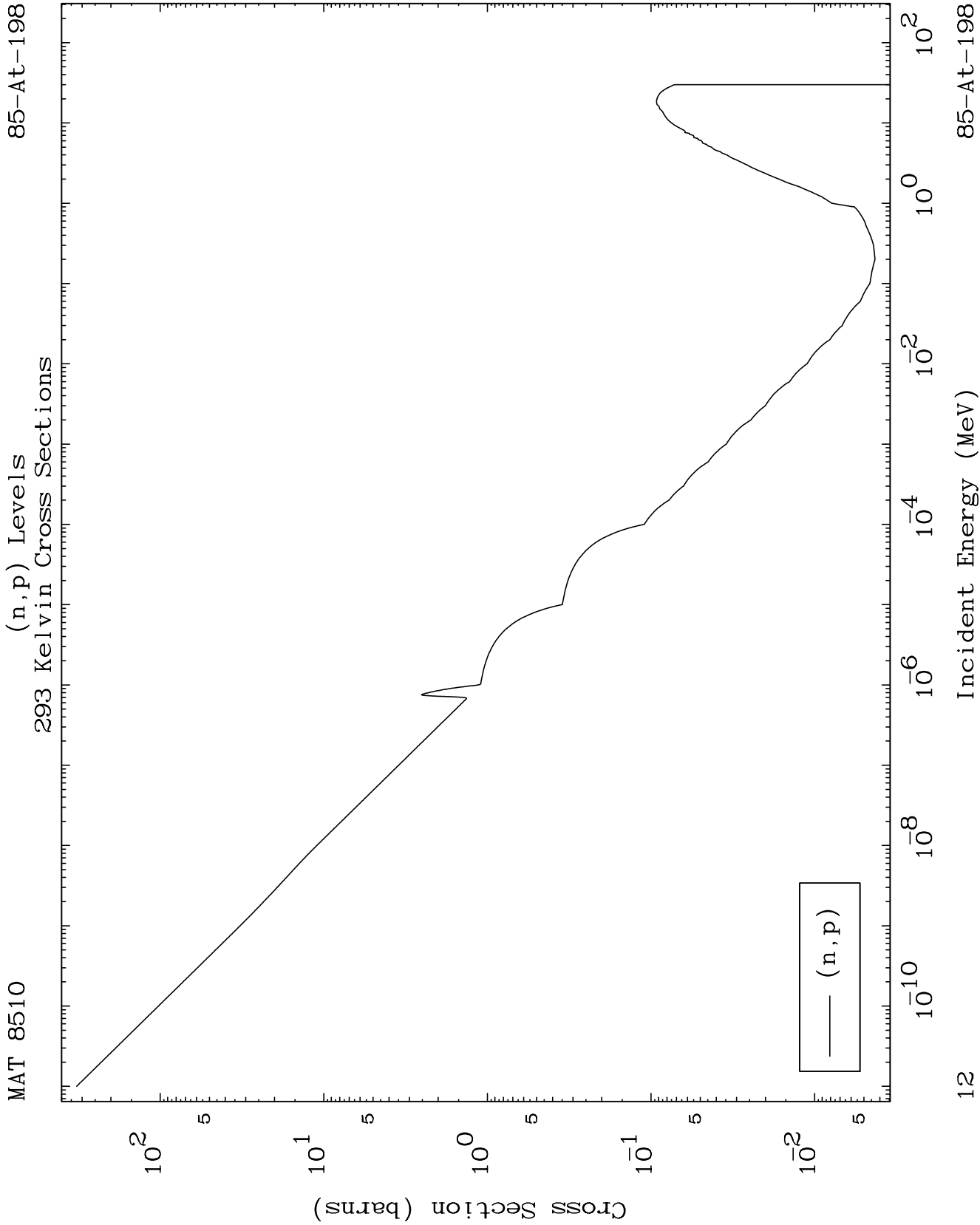


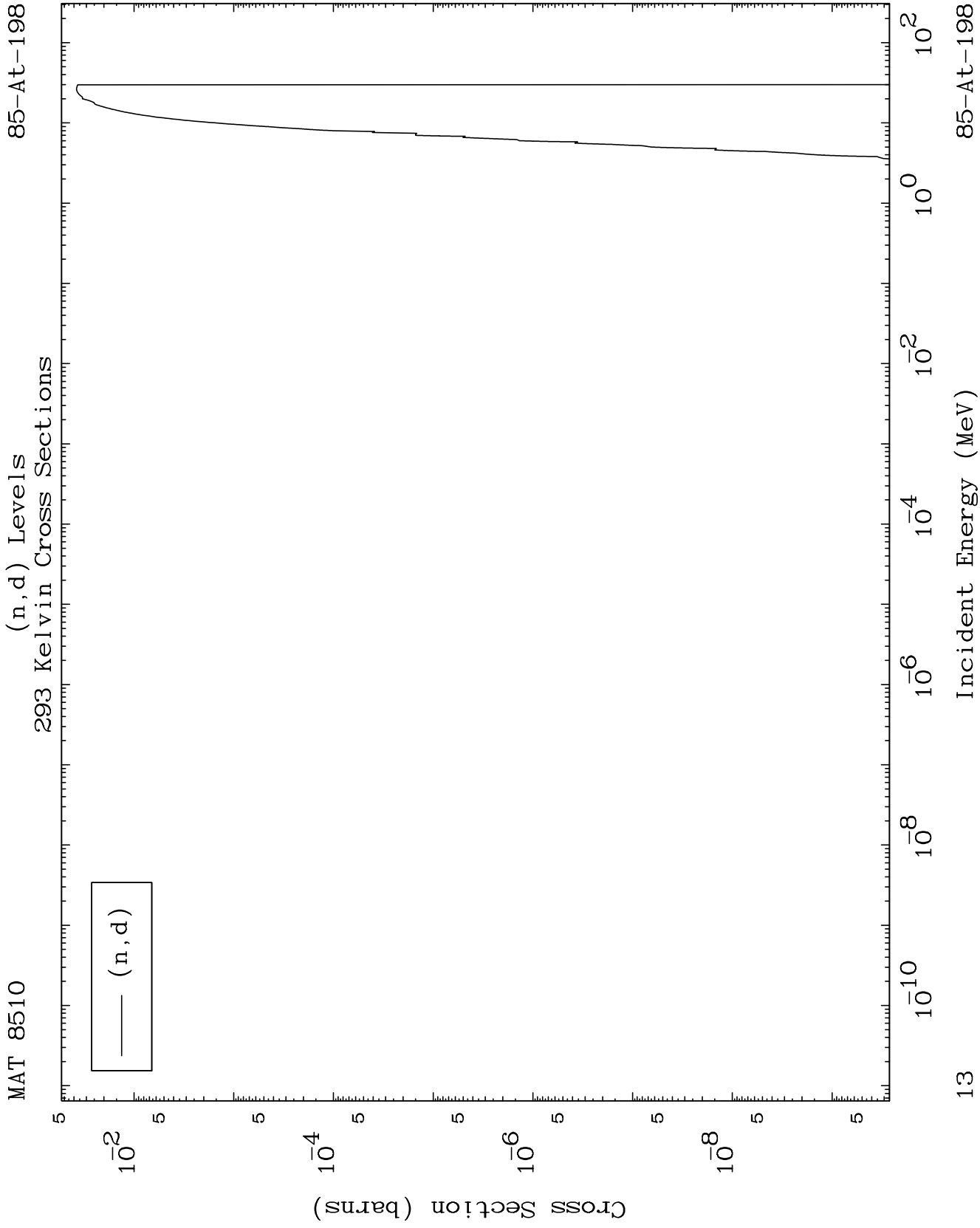


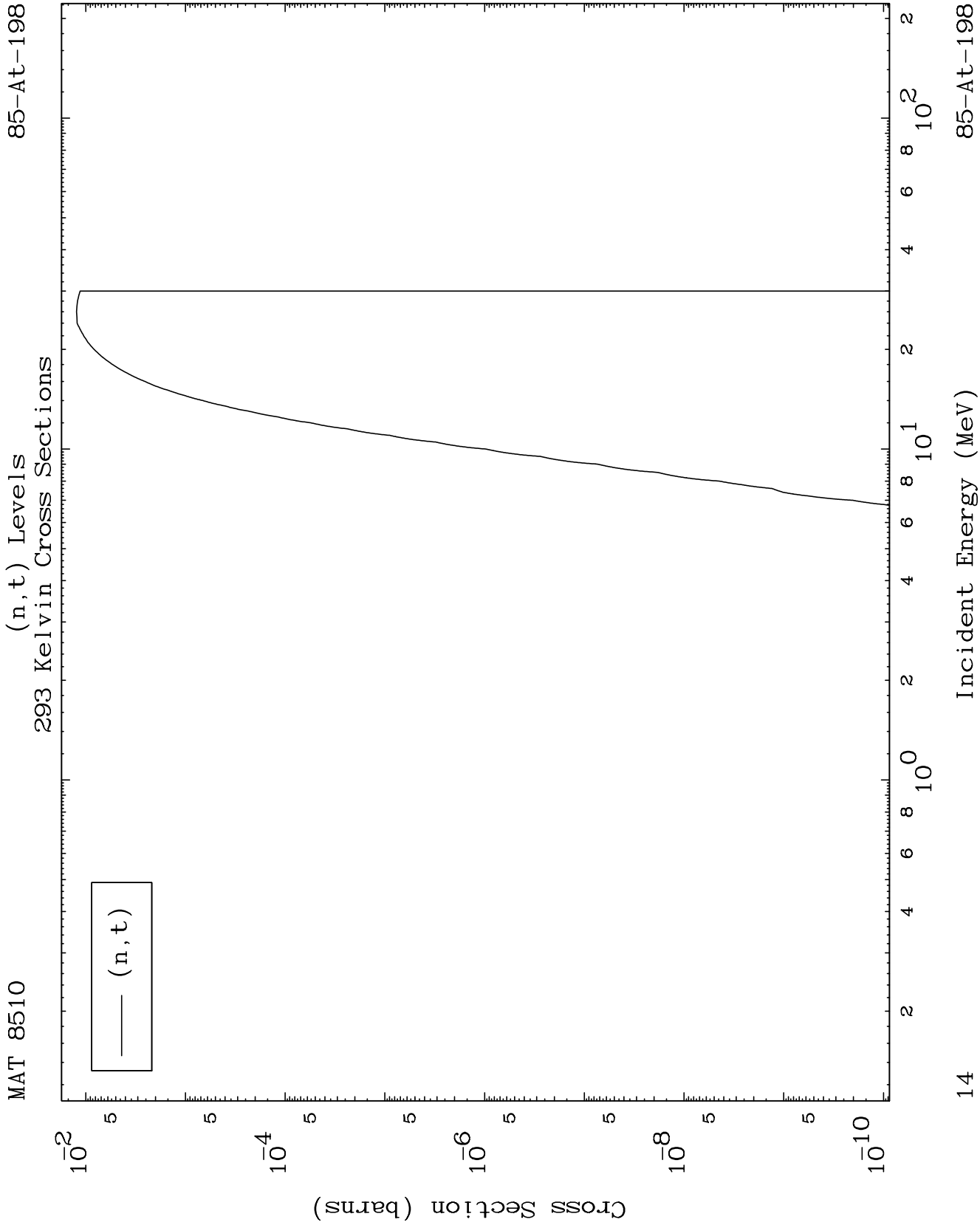


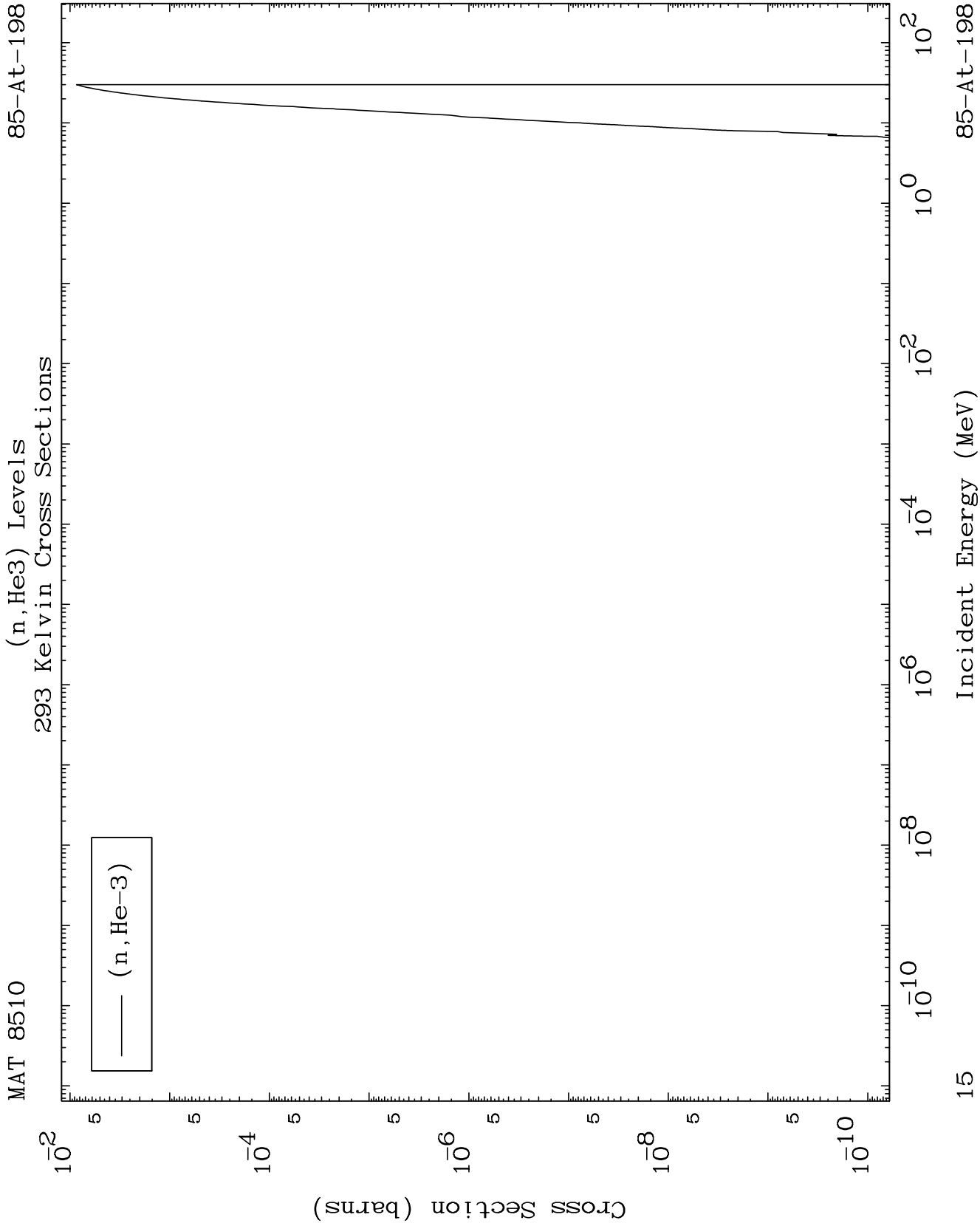








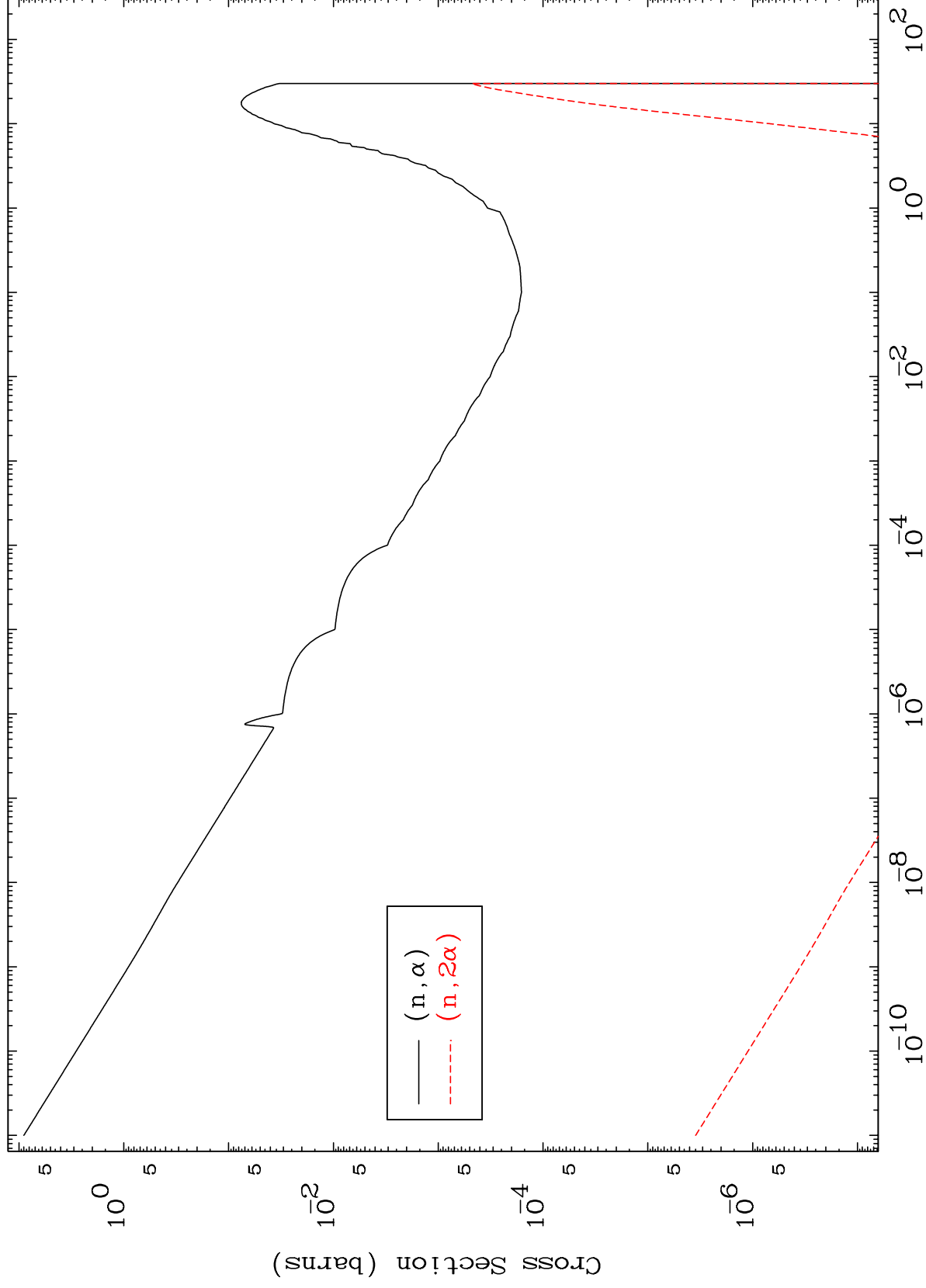




MAT 8510

(n, α) Levels
293 Kelvin Cross Sections

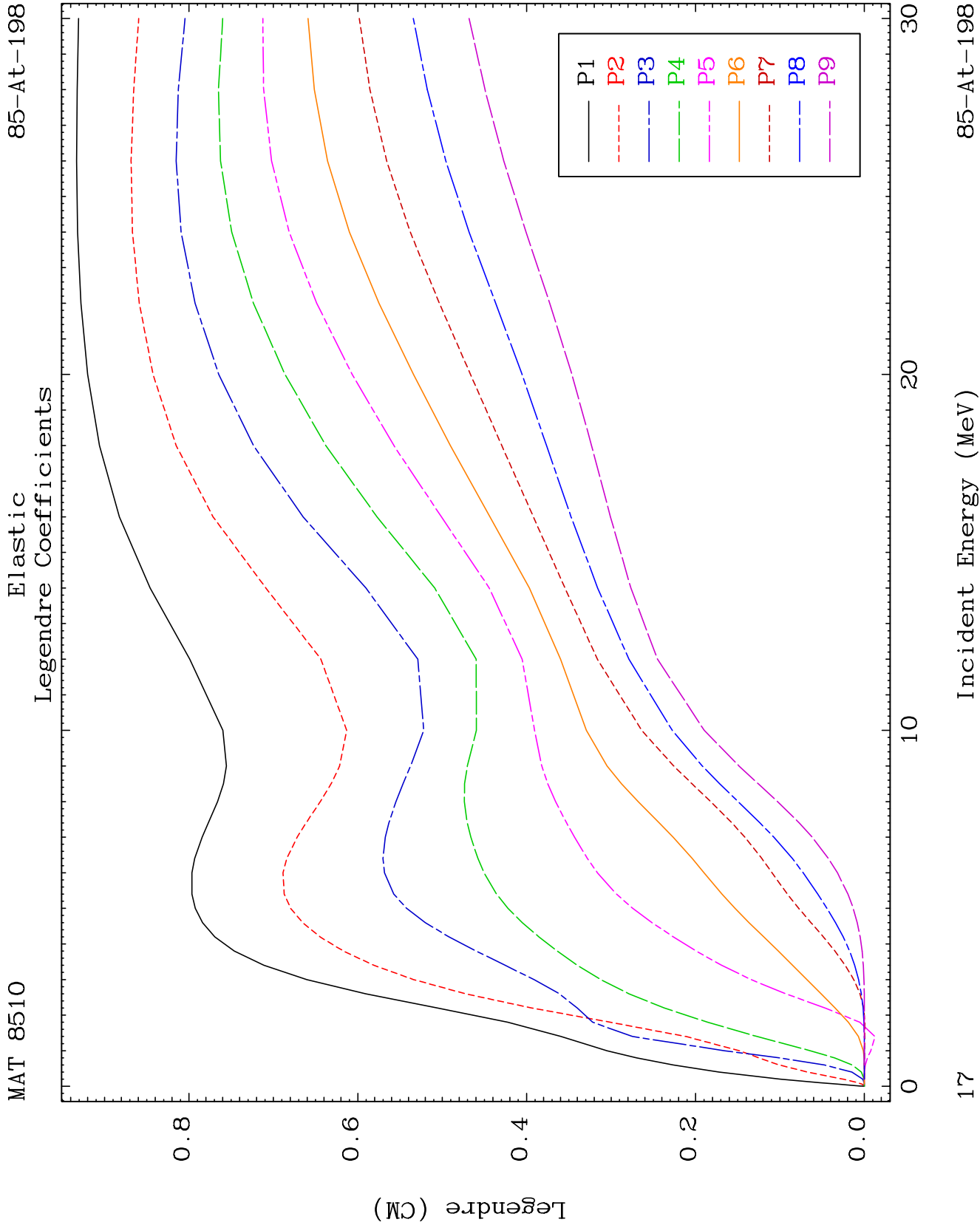
85-At-198

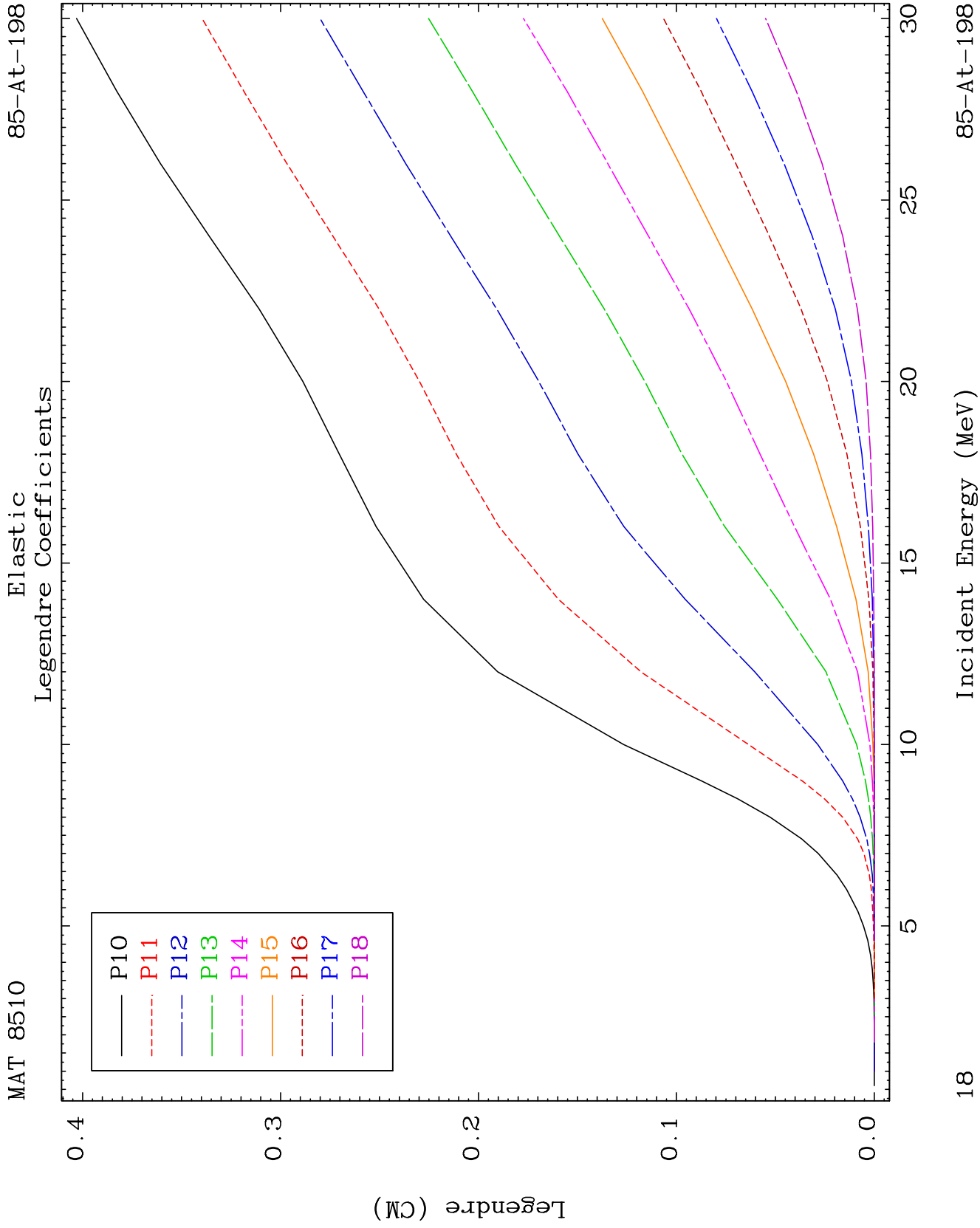


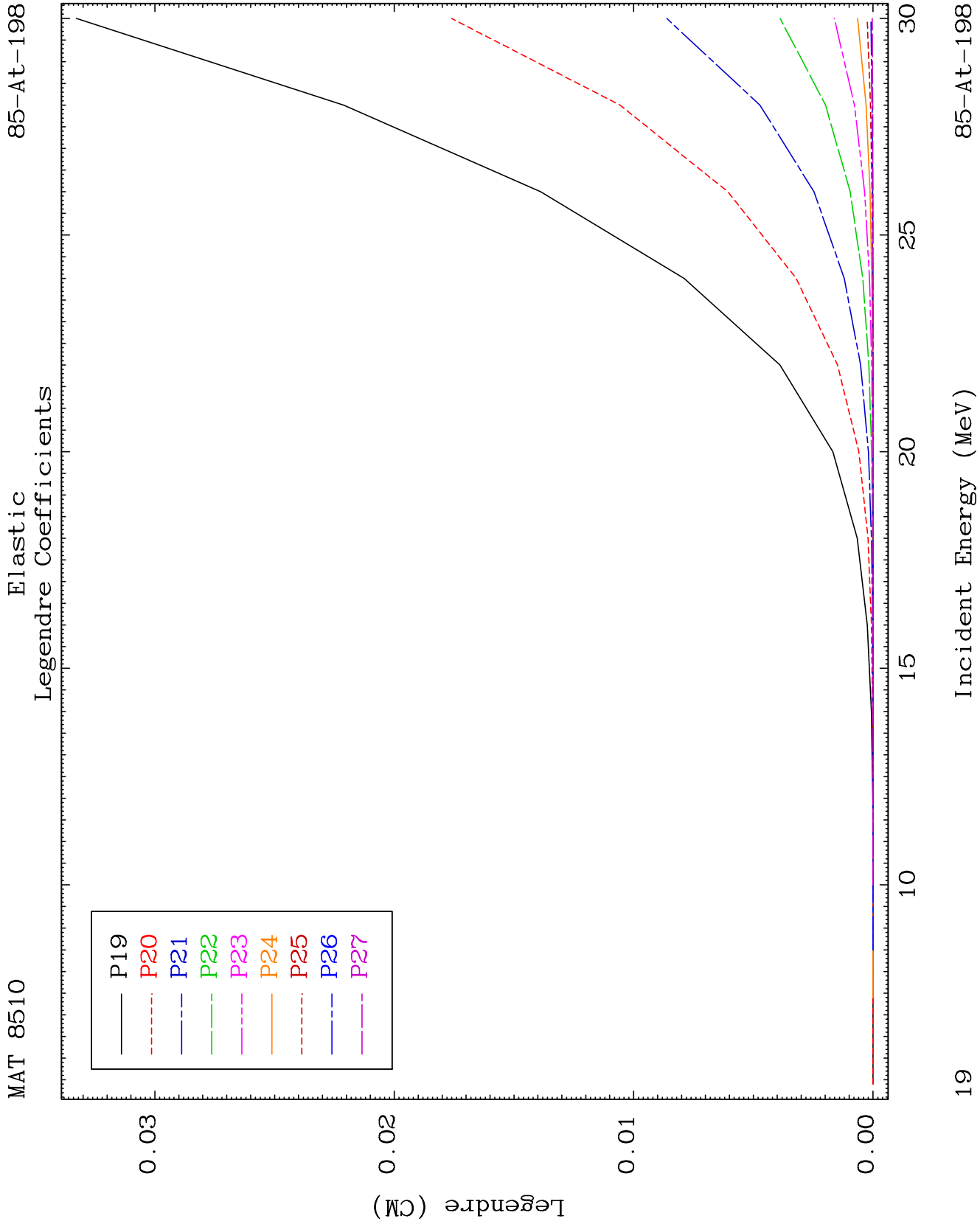
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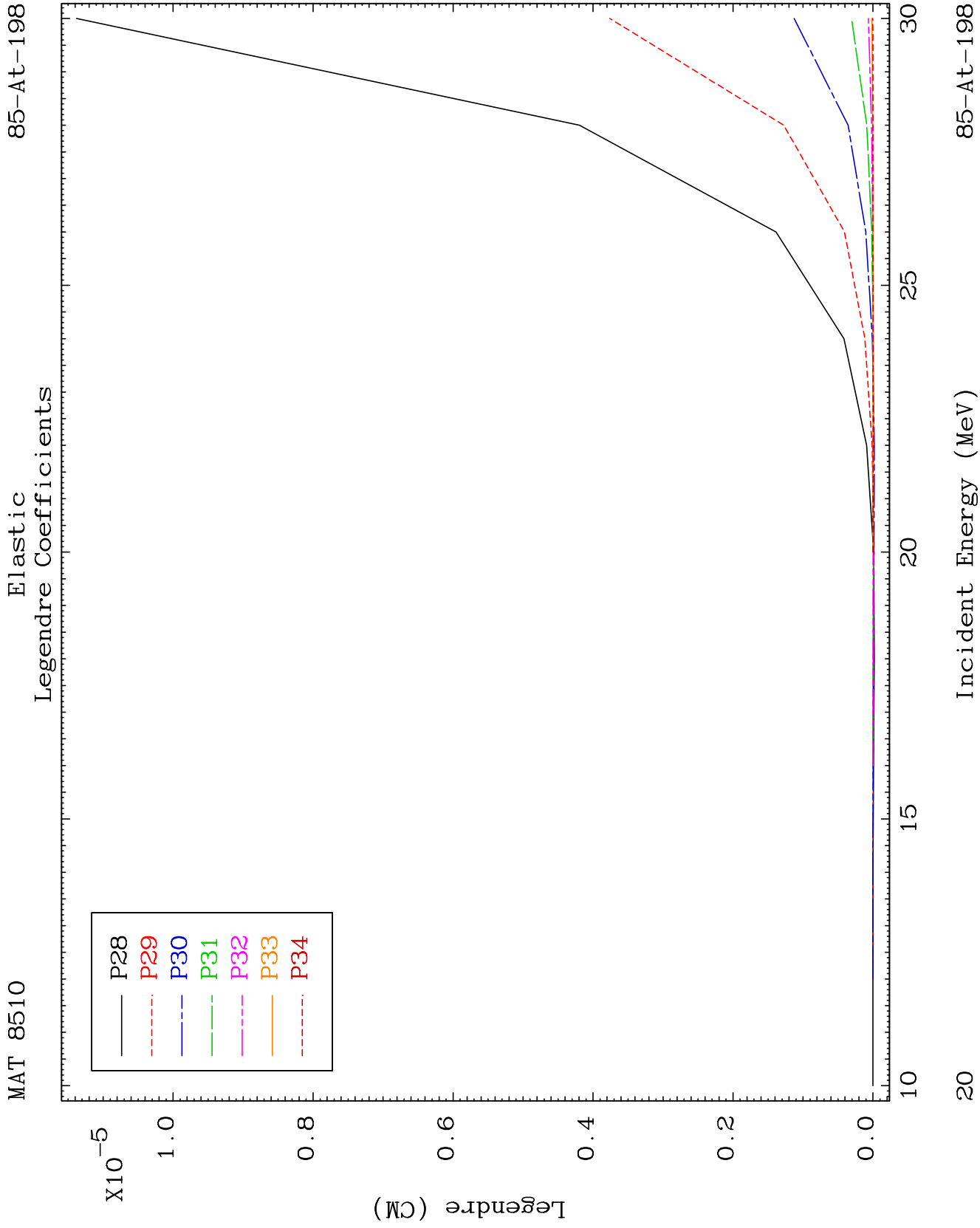
Incident Energy (MeV)

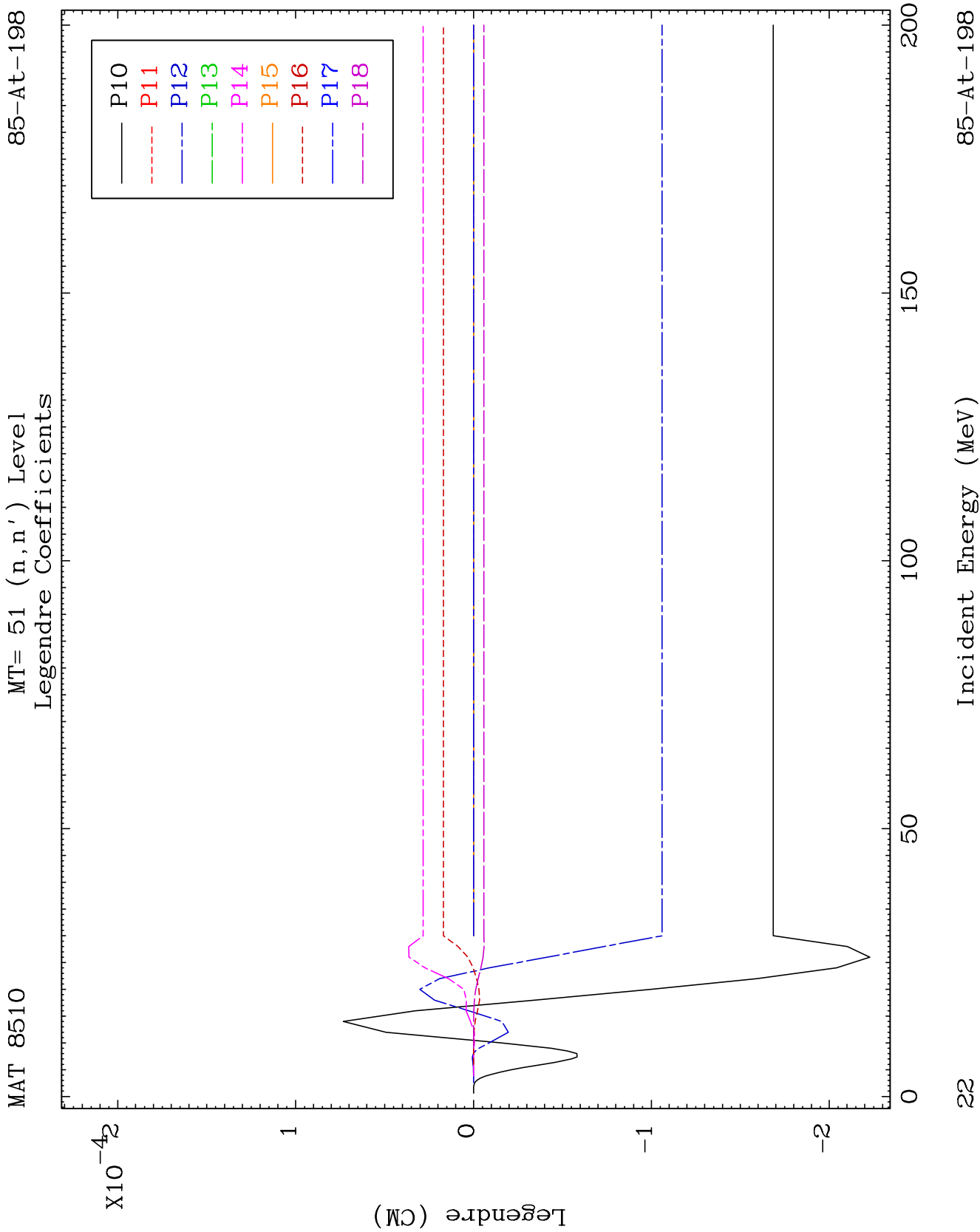
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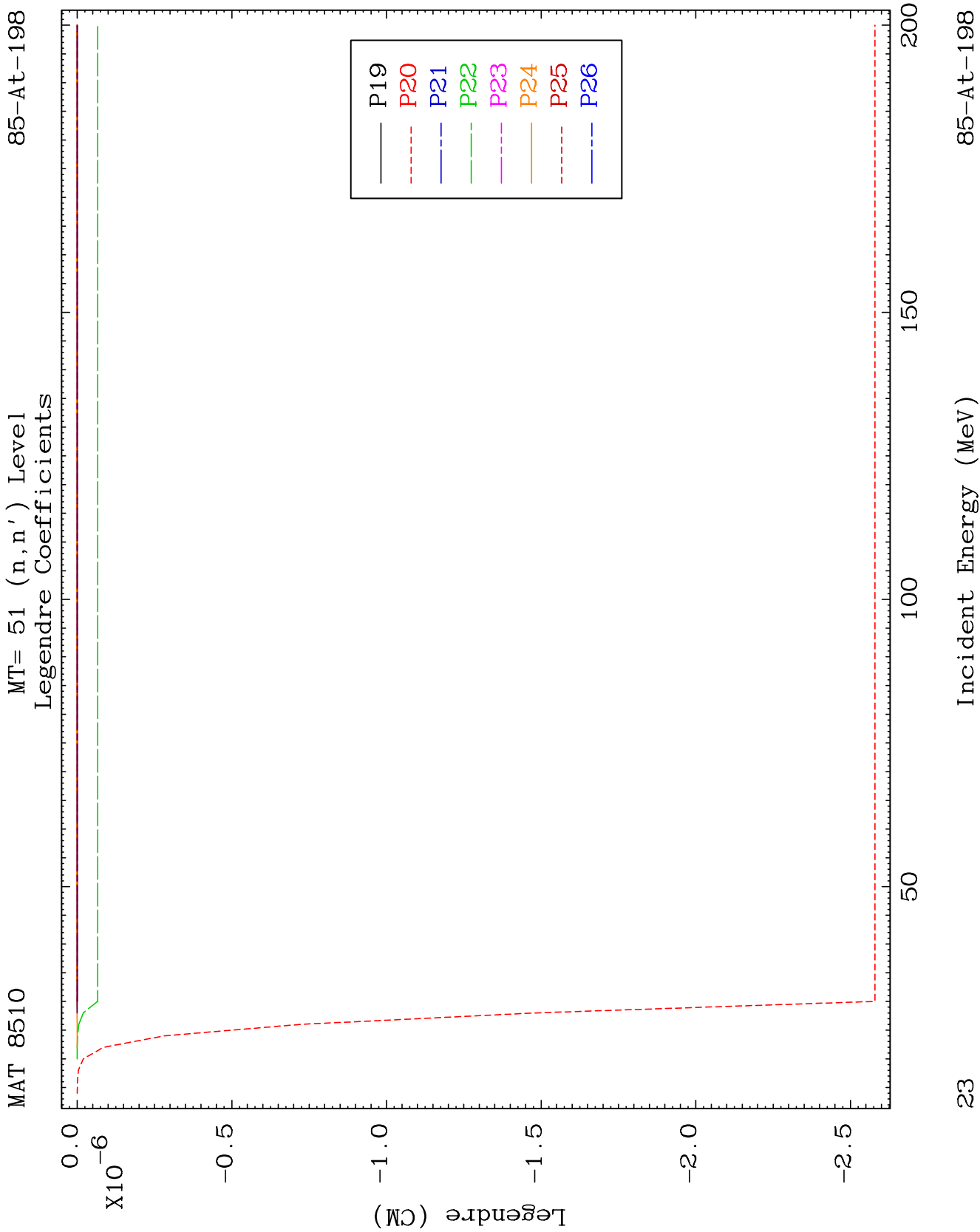


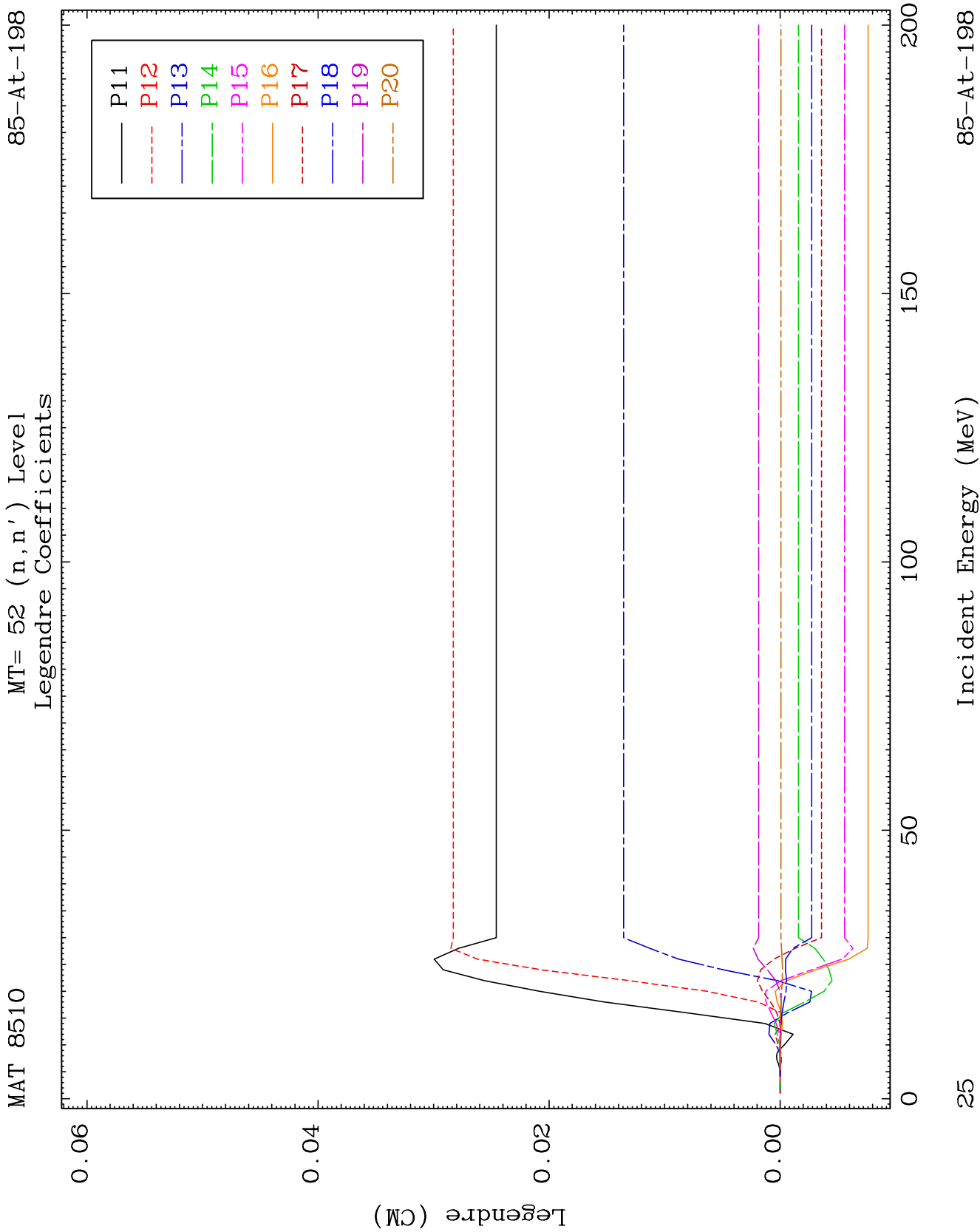


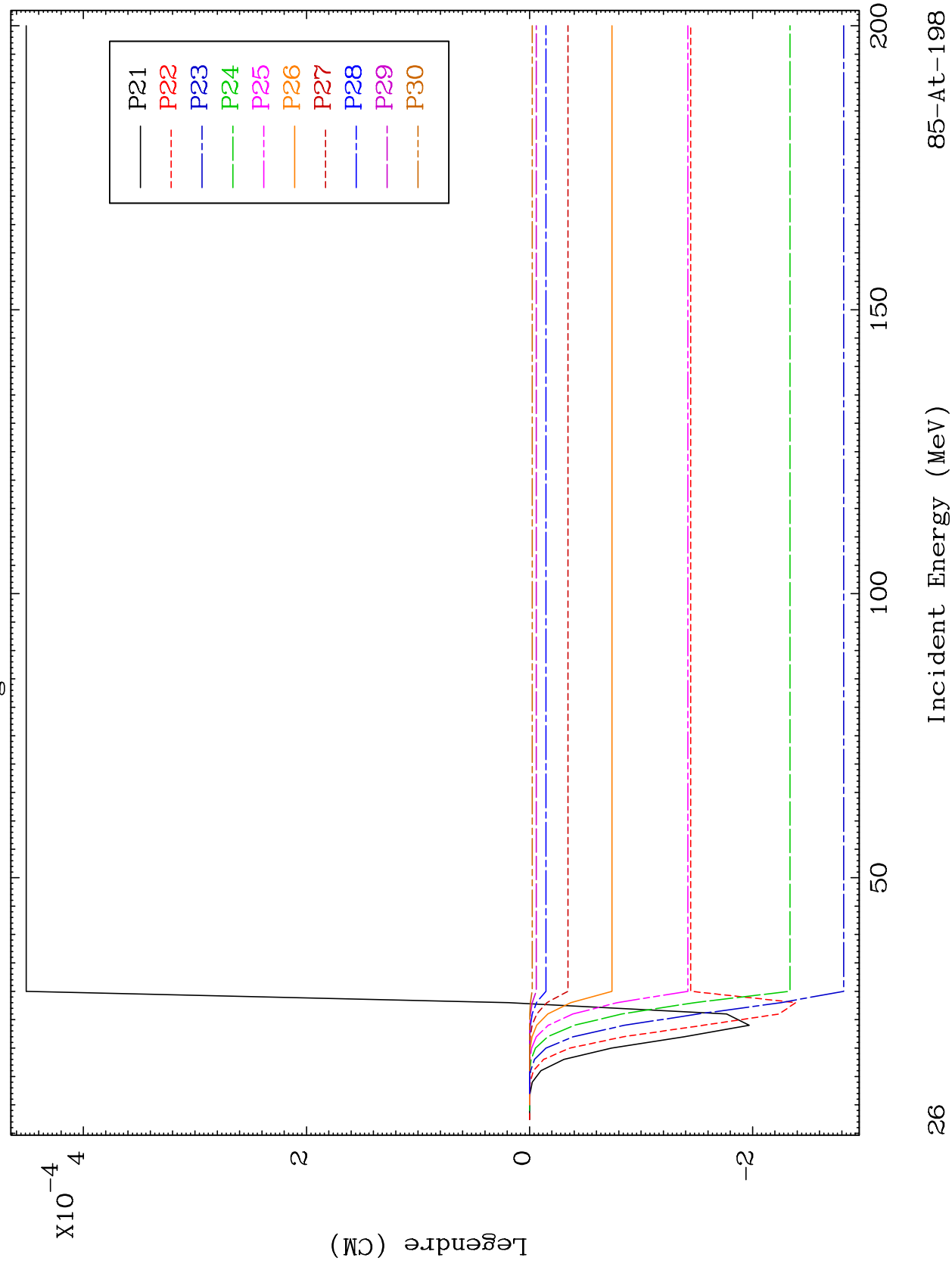


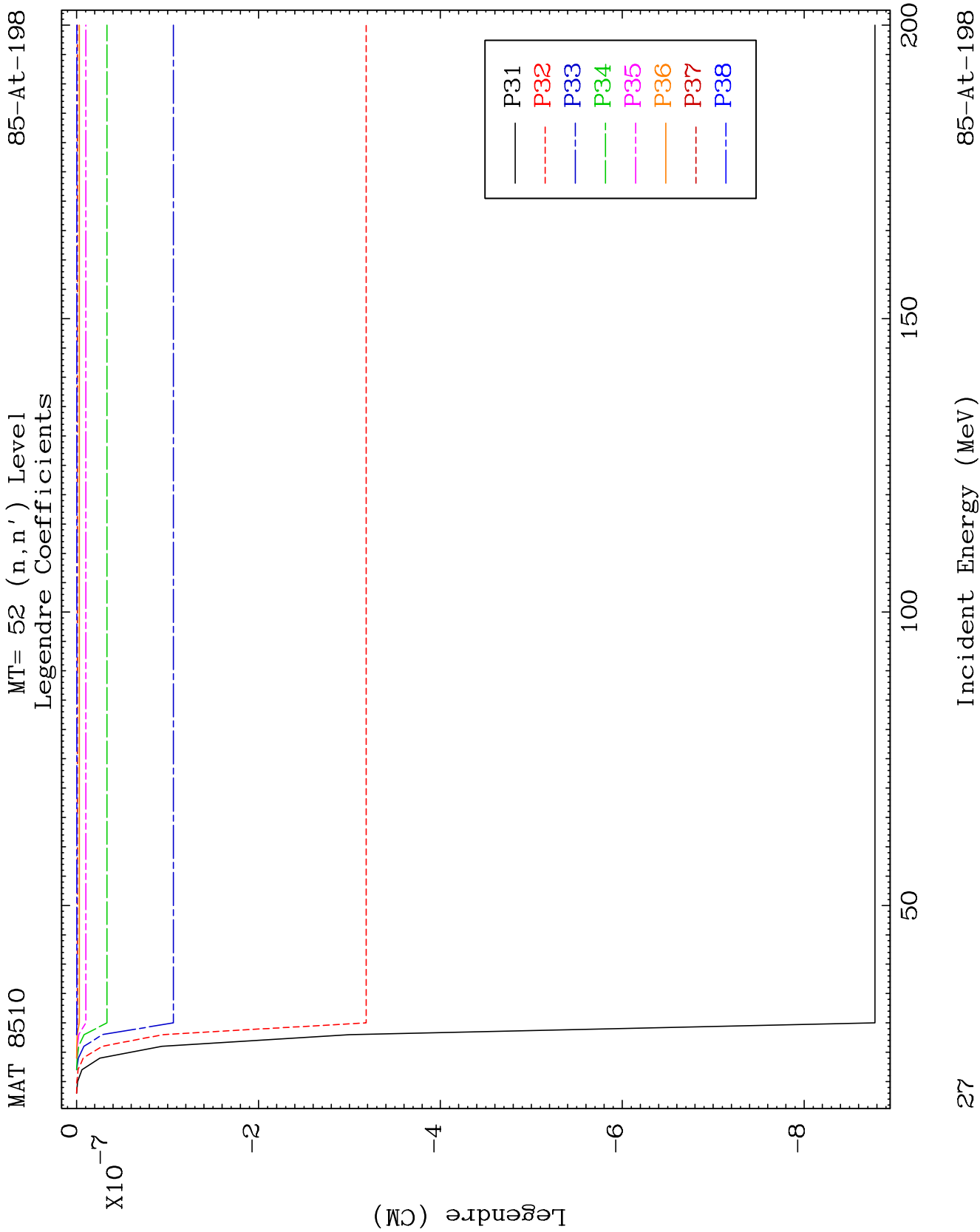








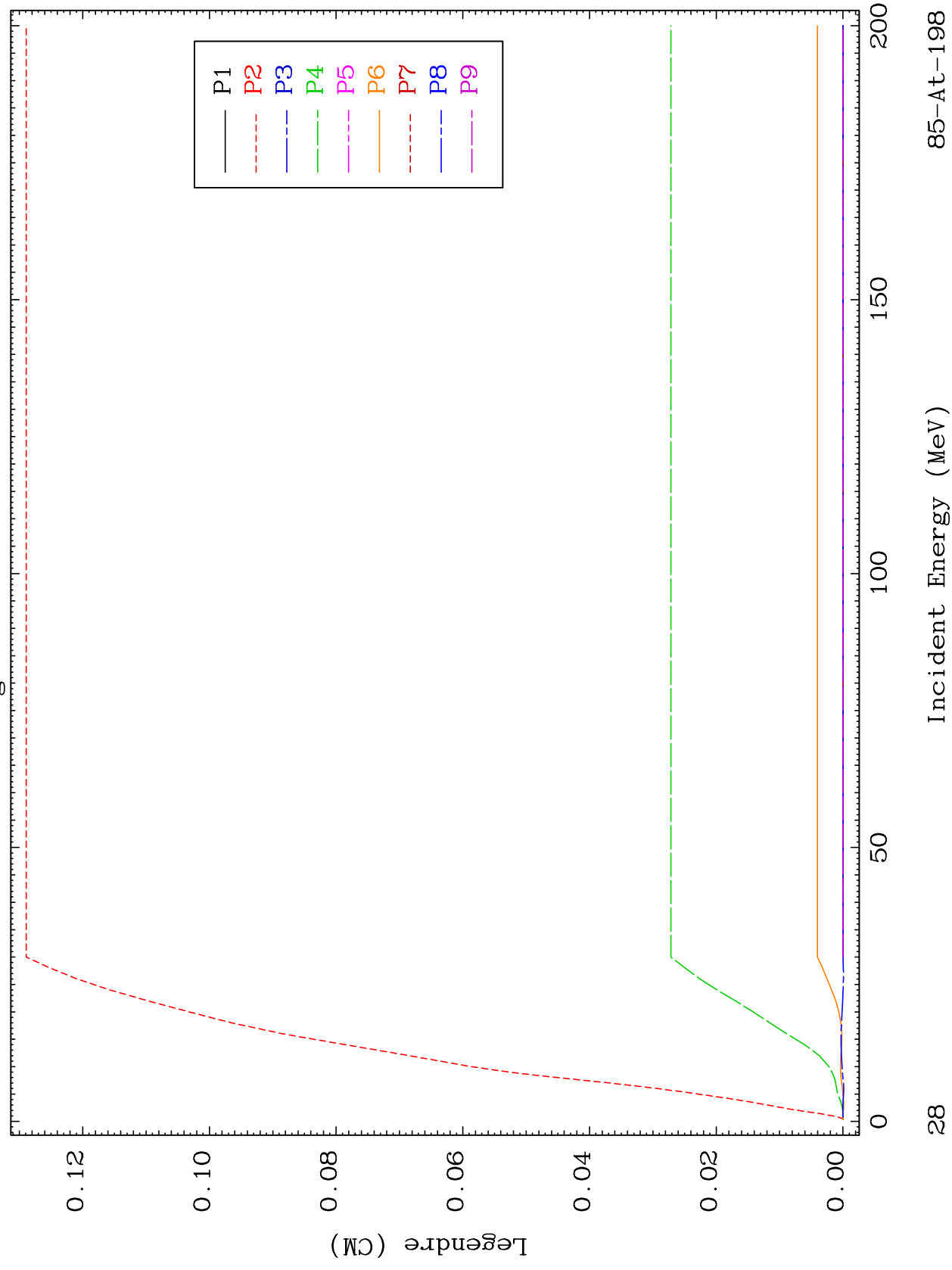


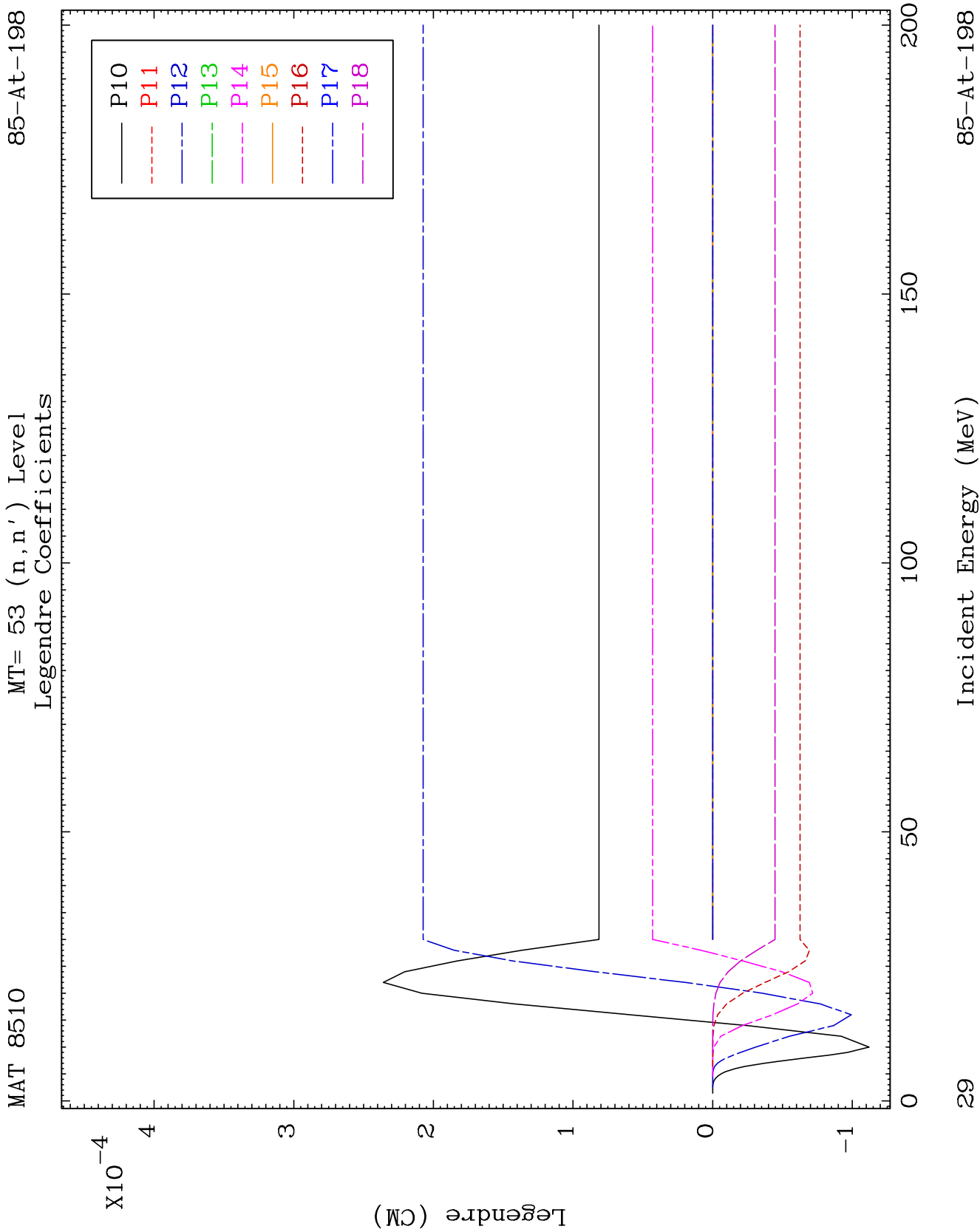


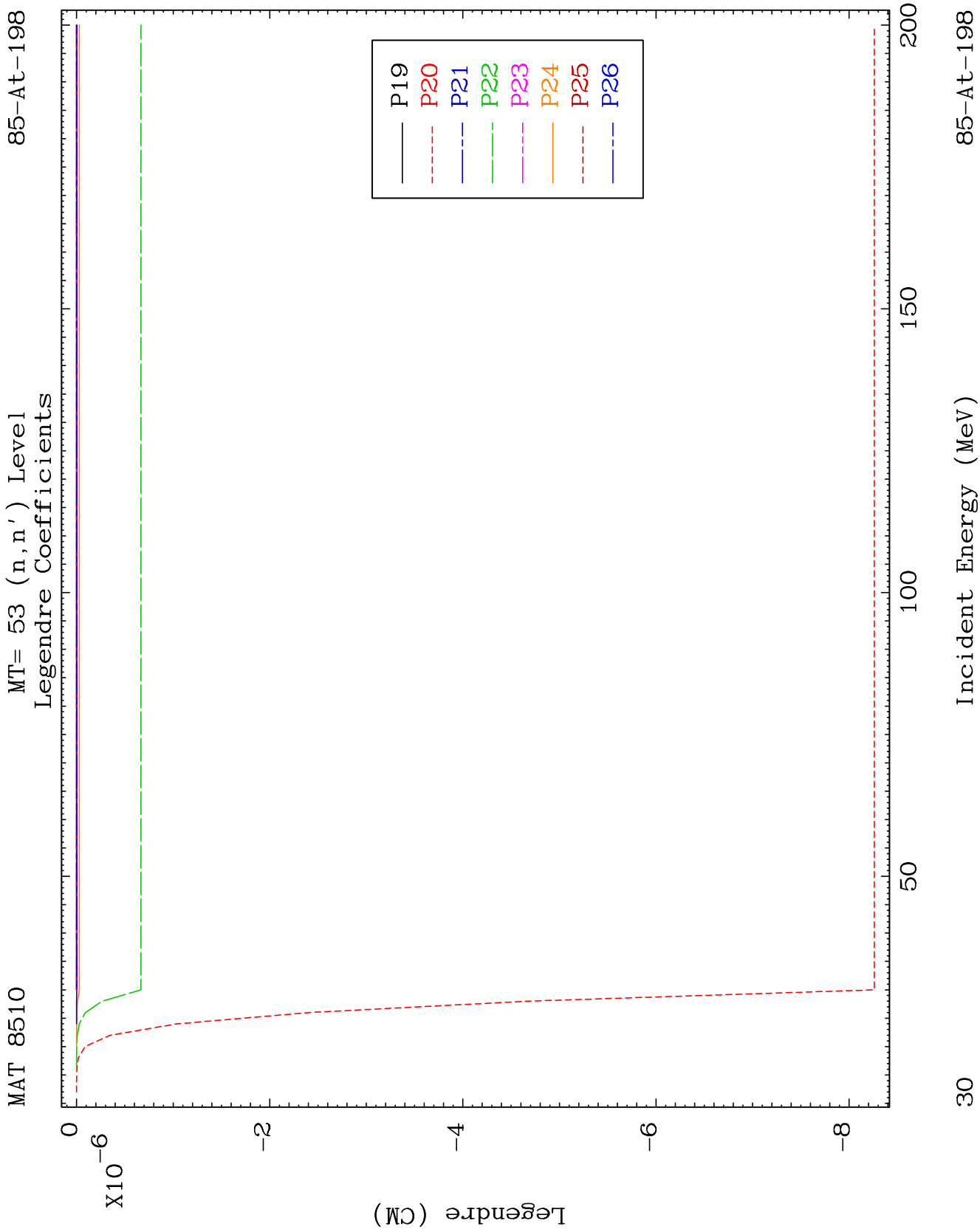
MAT 8510

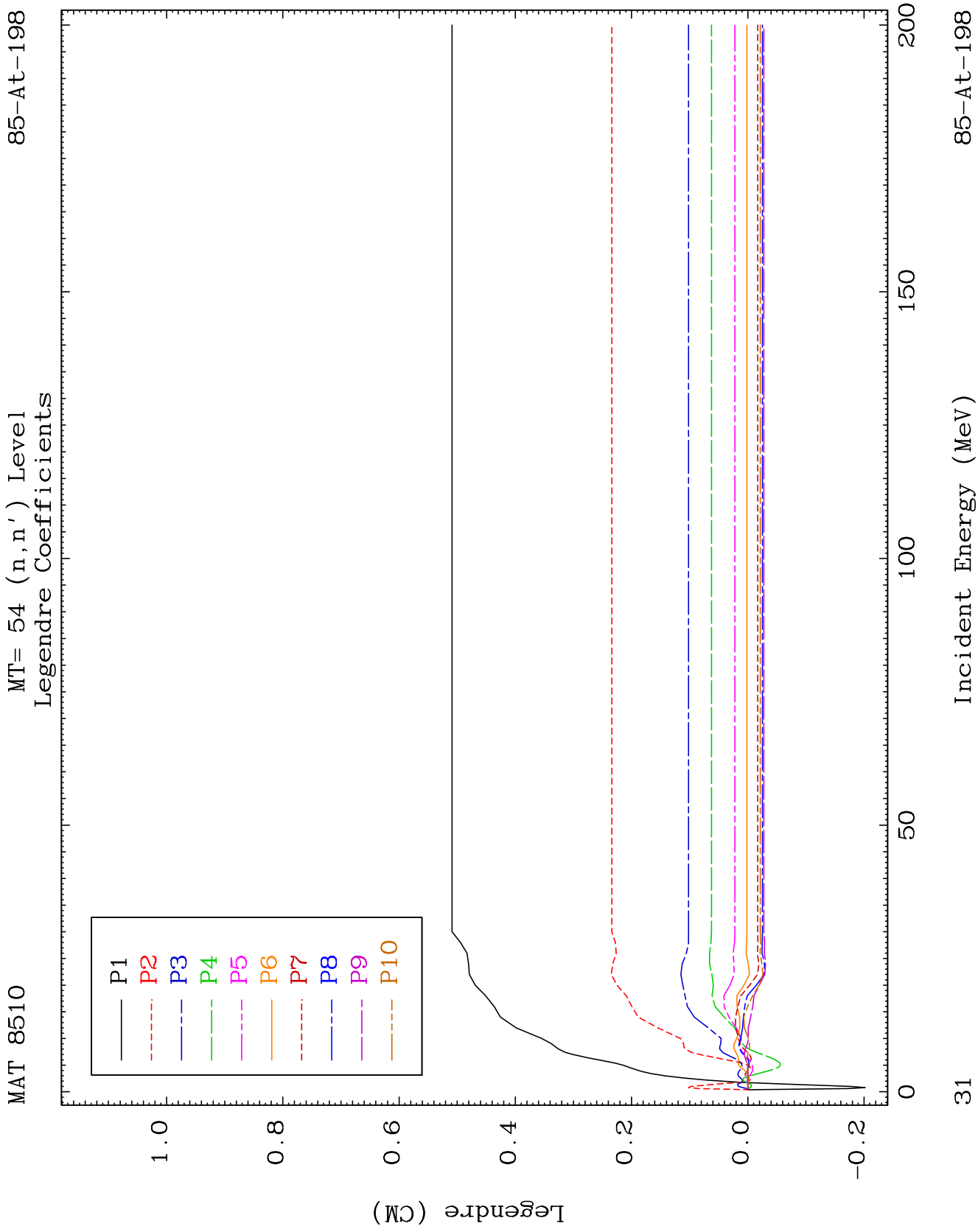
MT= 53 (n, n') Level
Legendre Coefficients

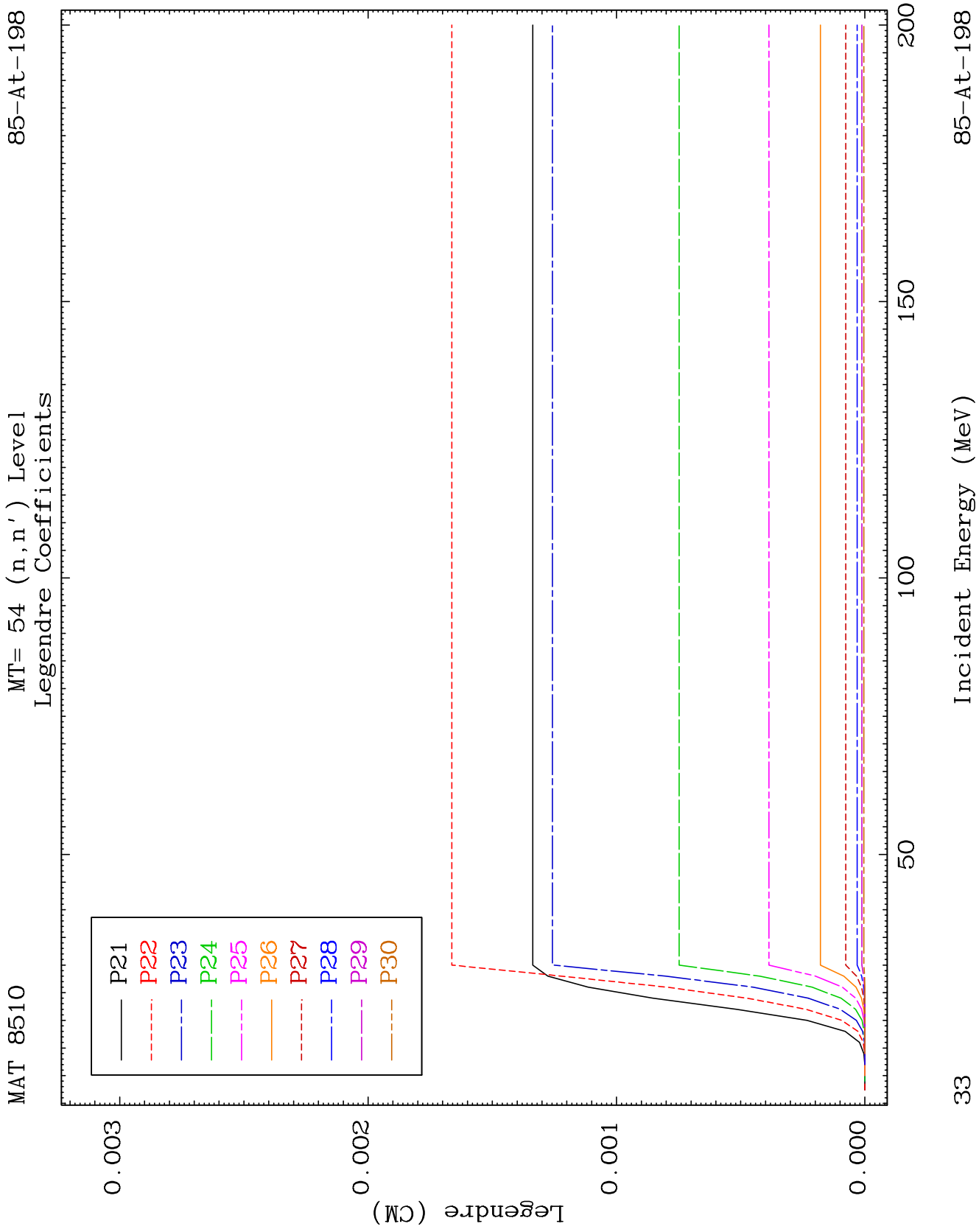
85-At-198

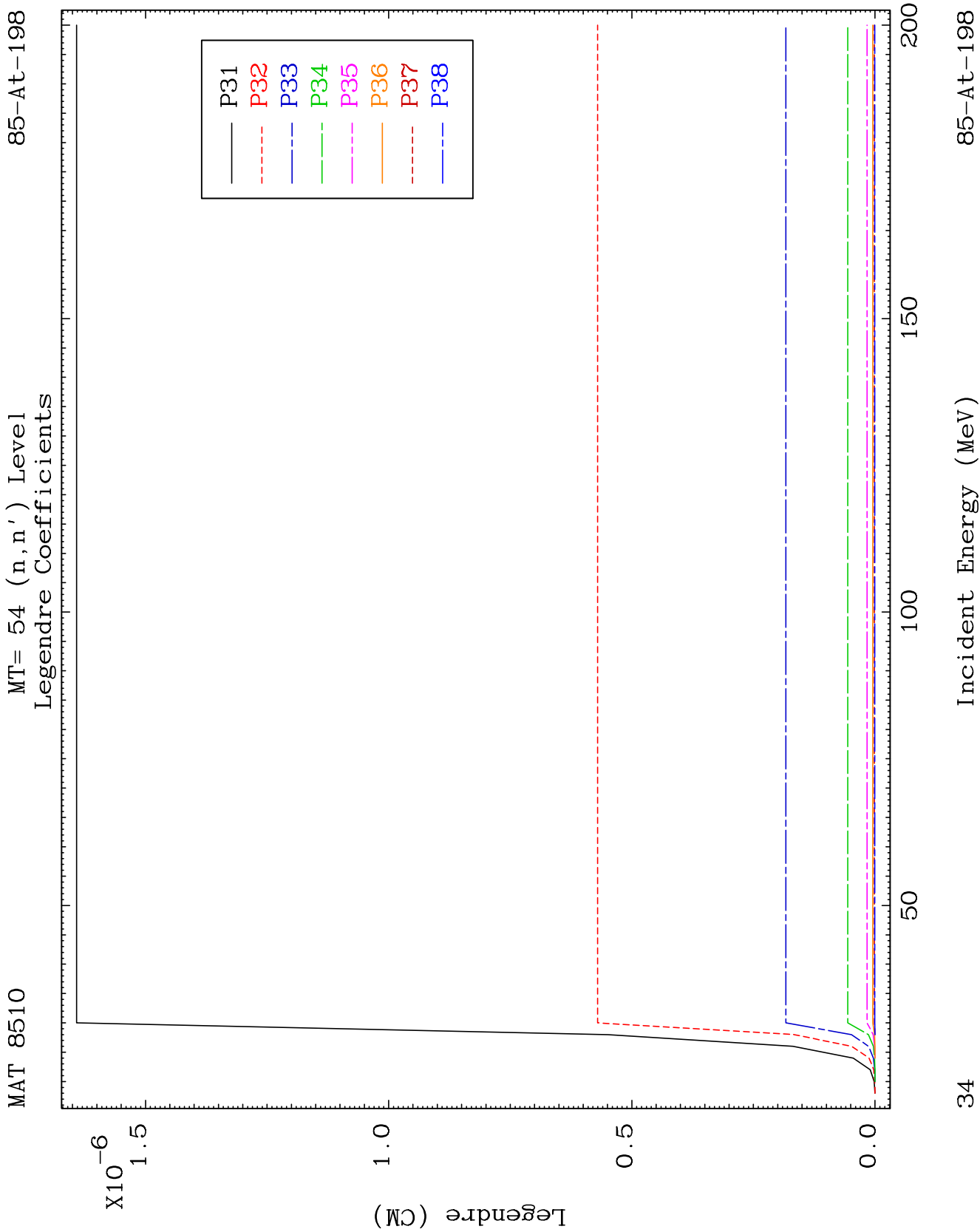








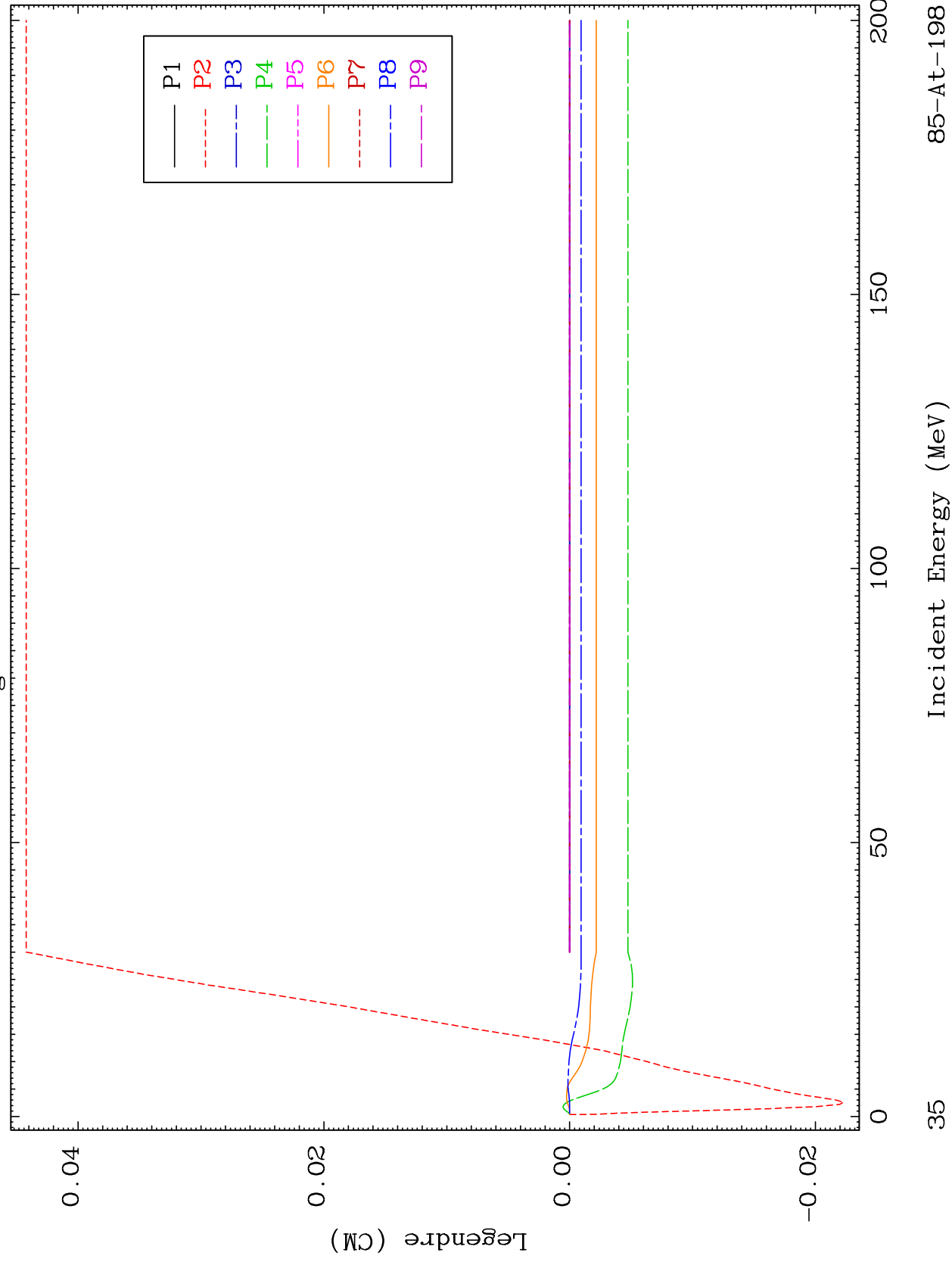


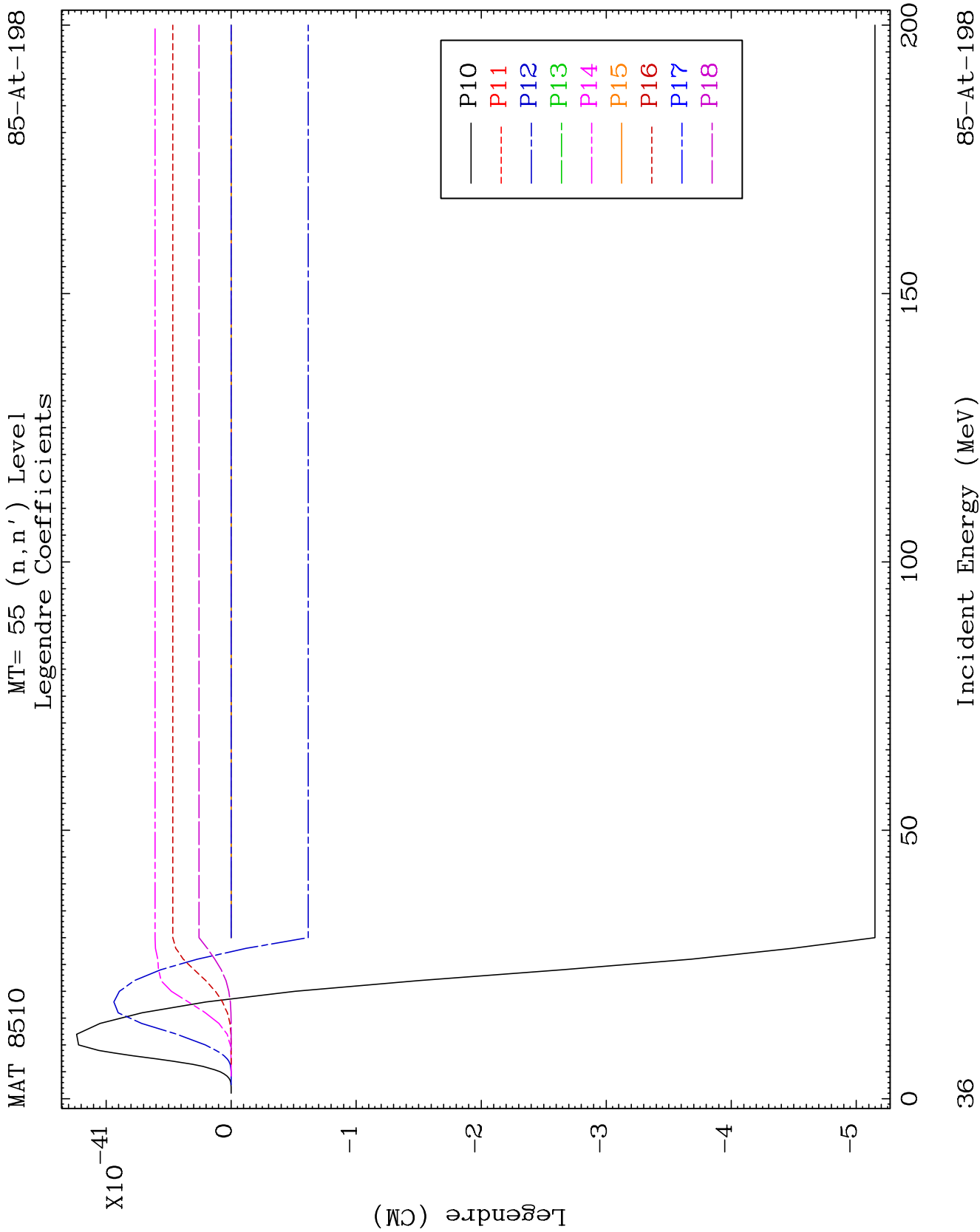


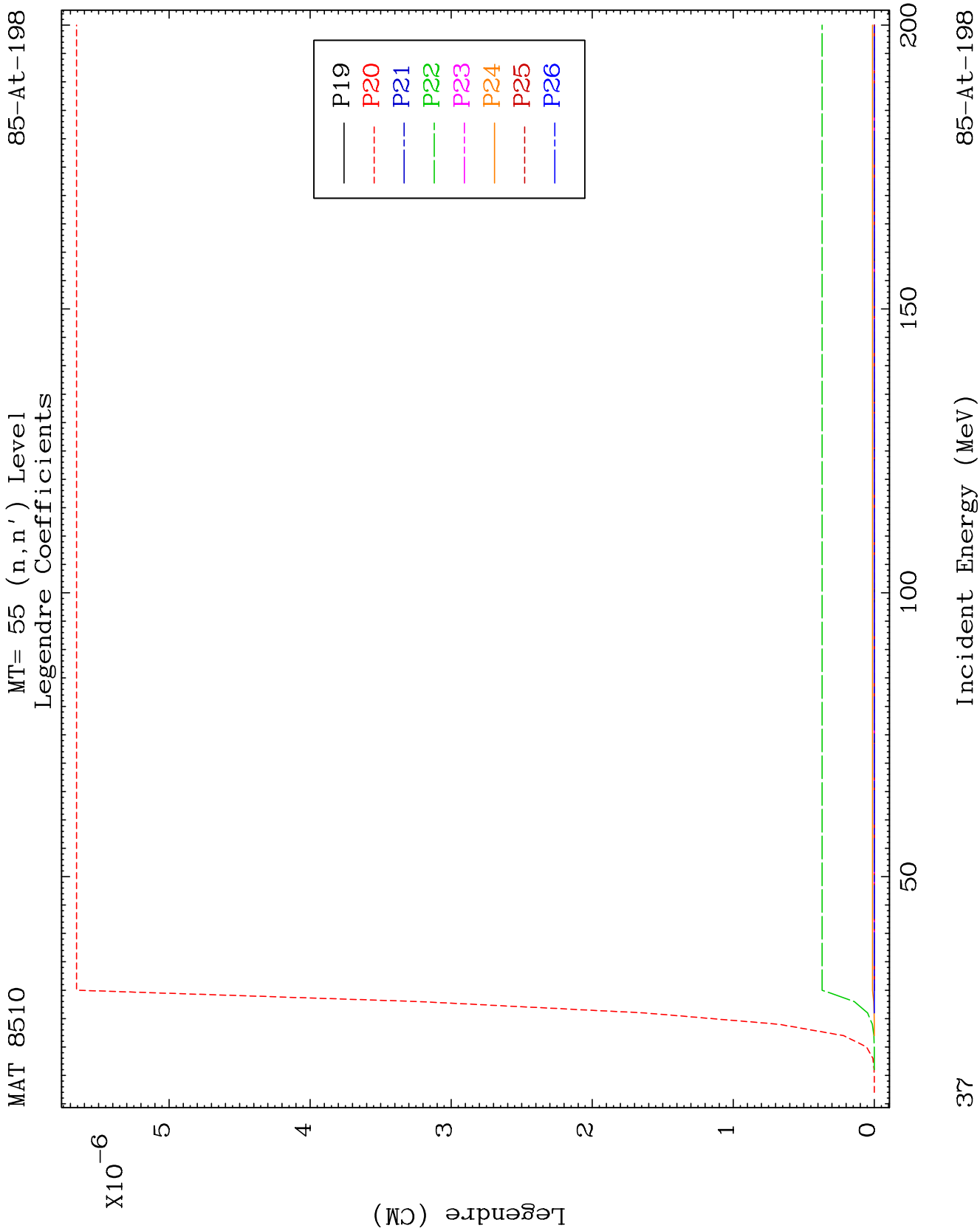
MAT 8510

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

85-At-198



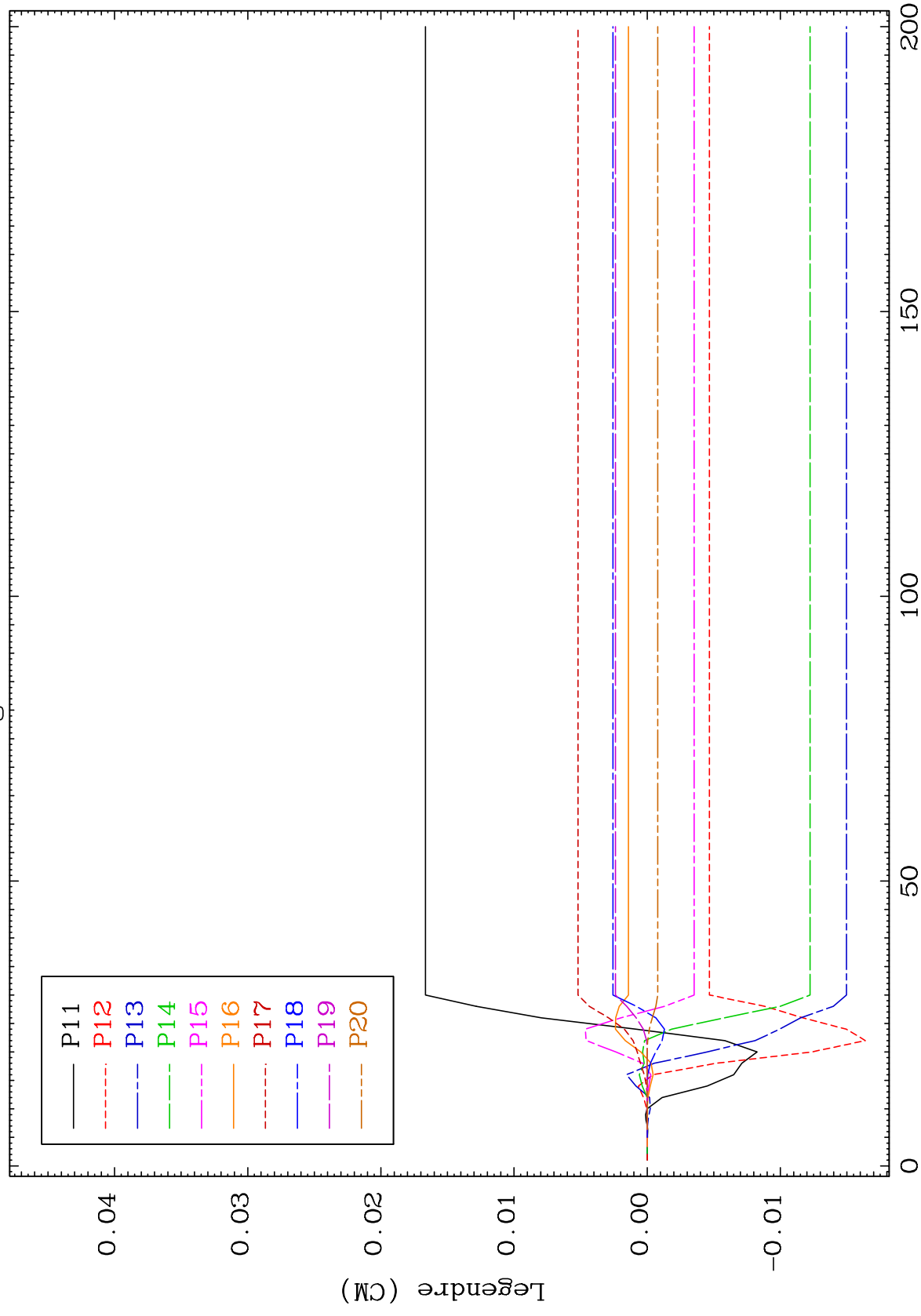




MAT 8510

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

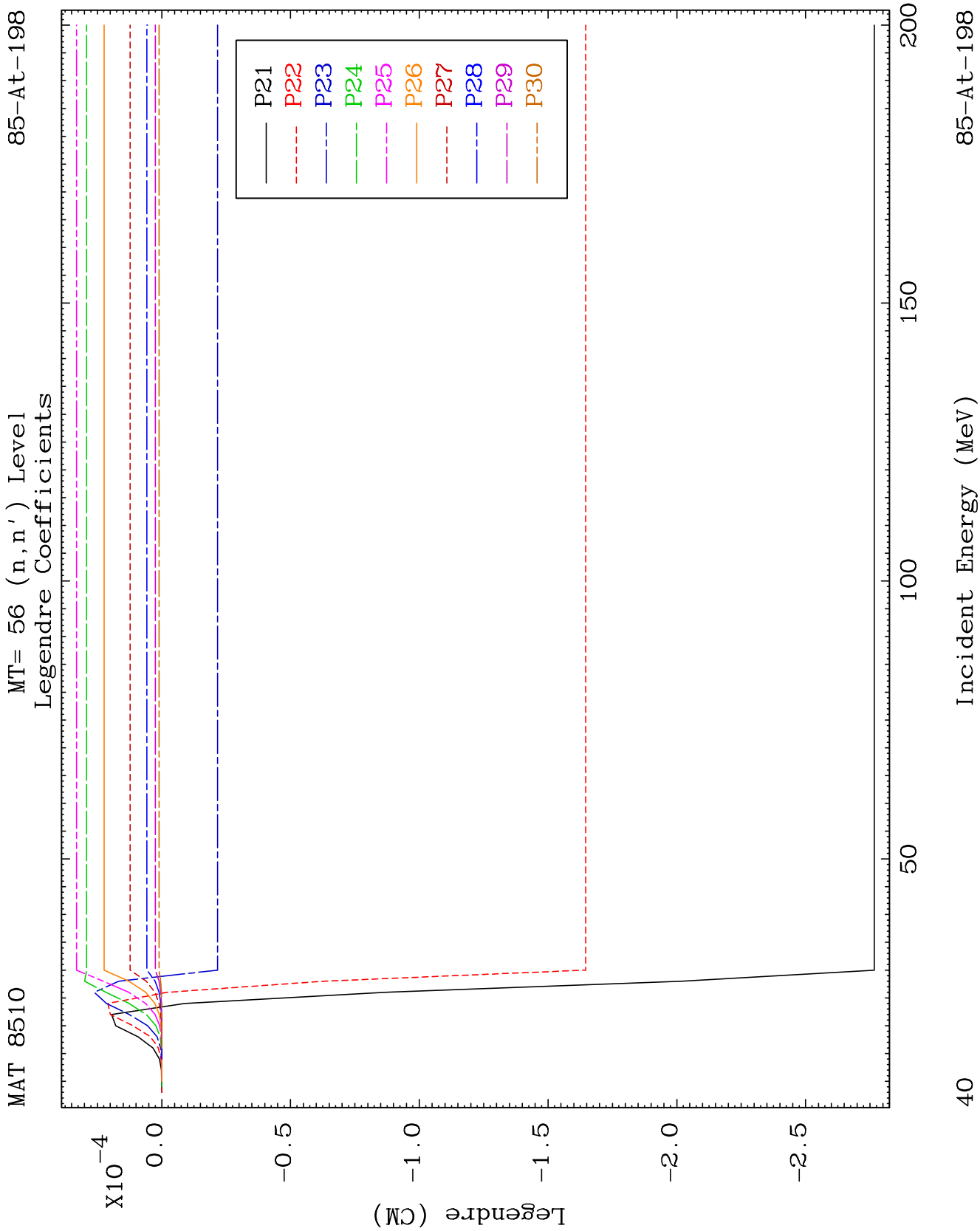
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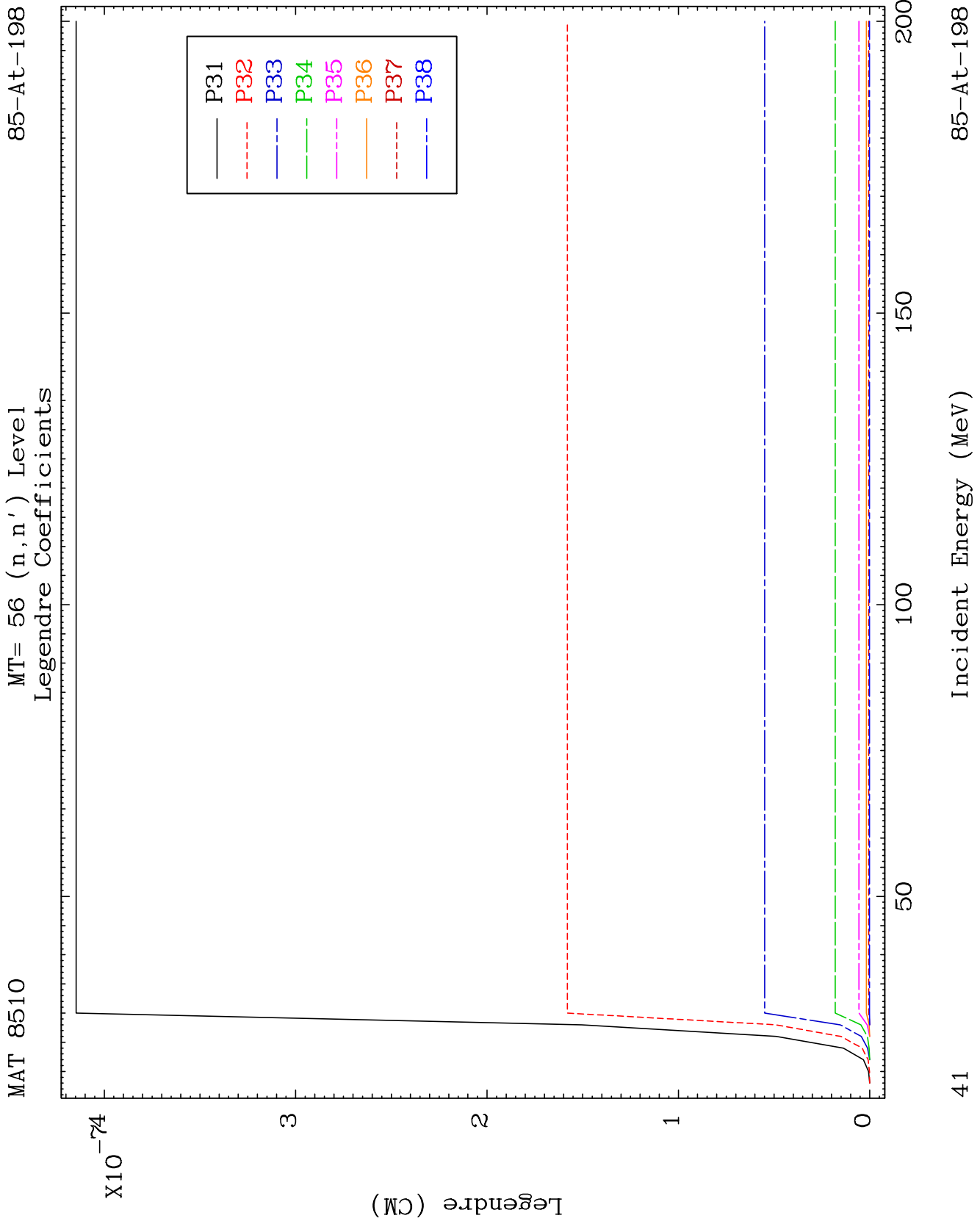


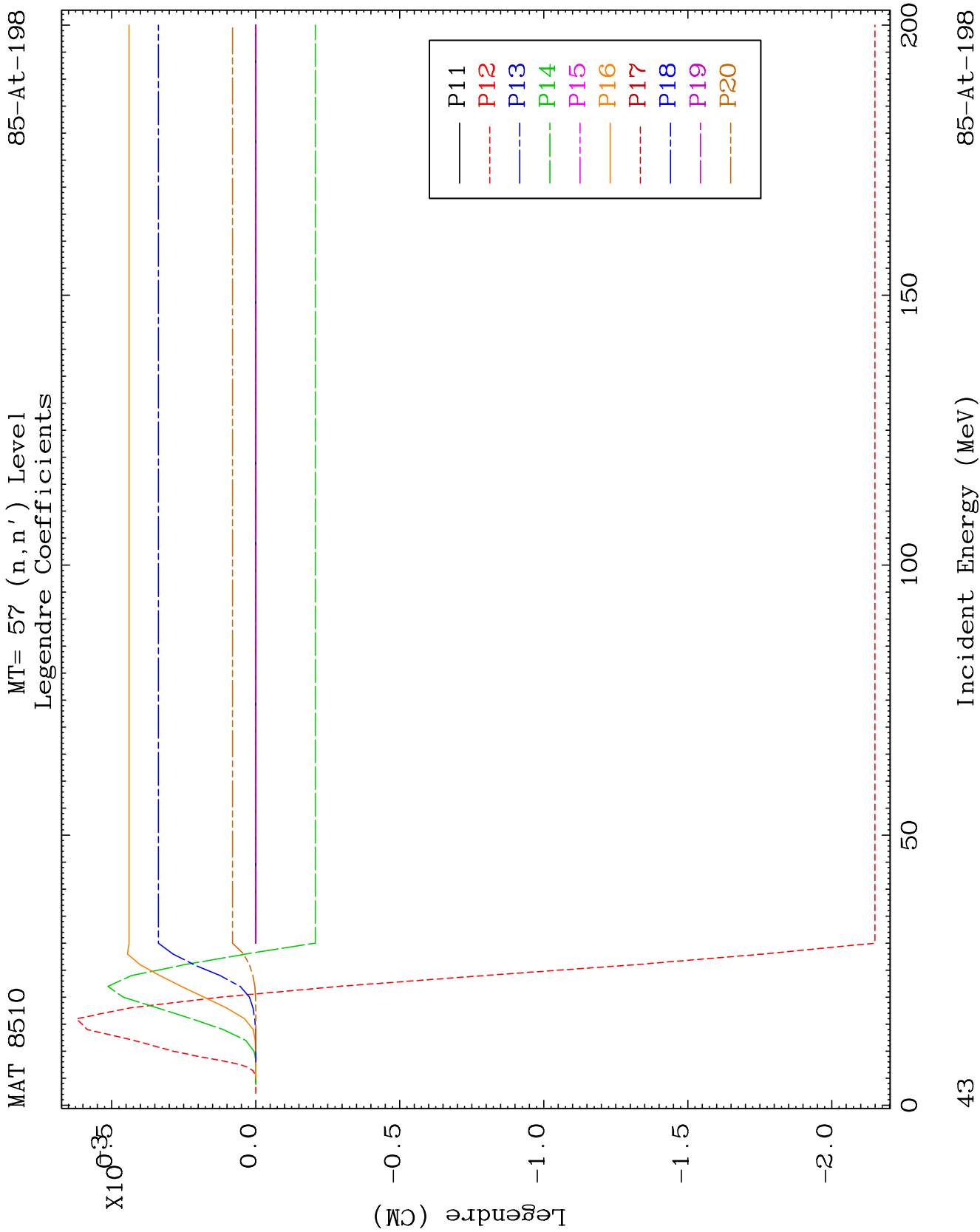
39

Incident Energy (MeV)

85-At-198



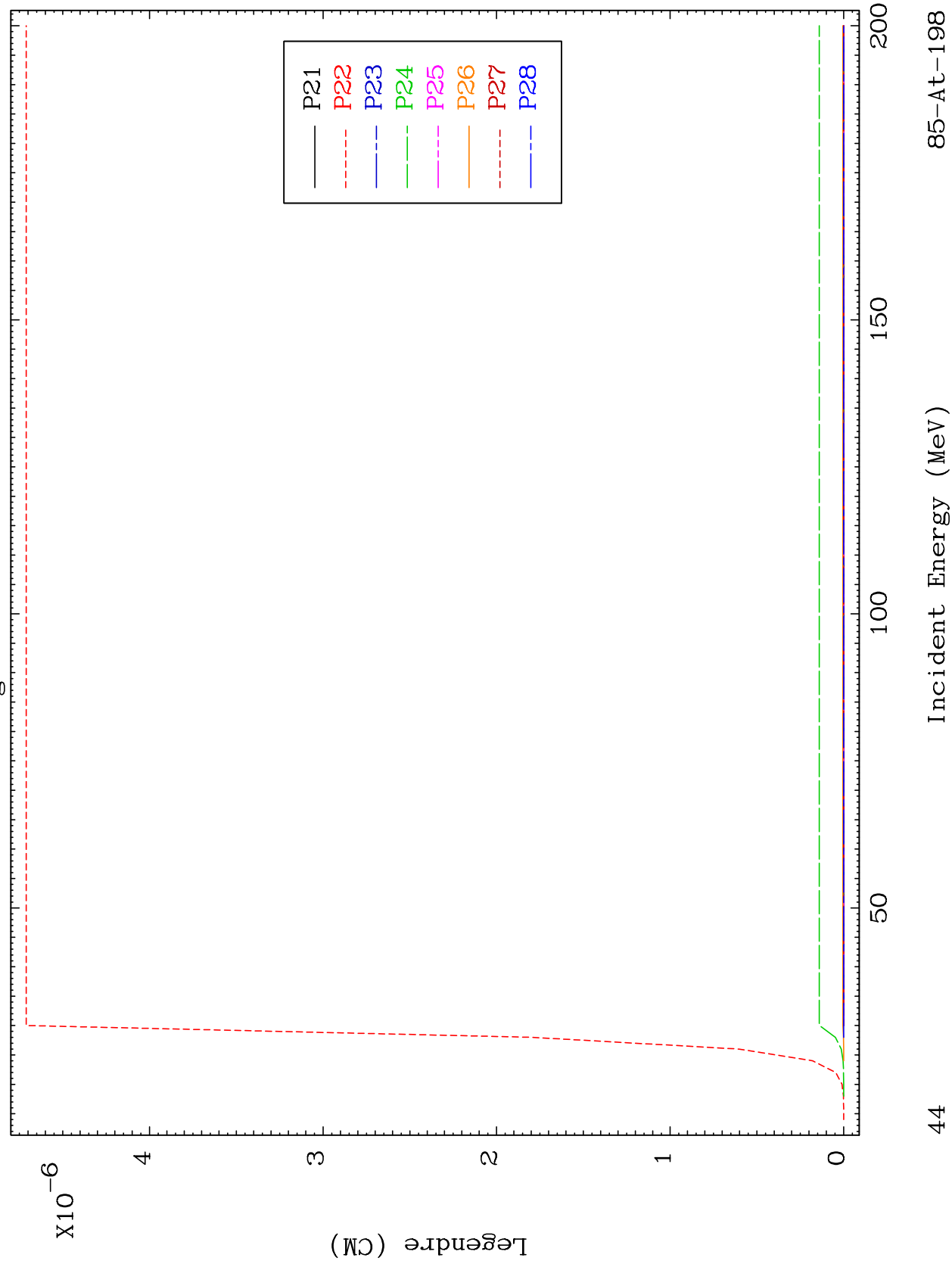


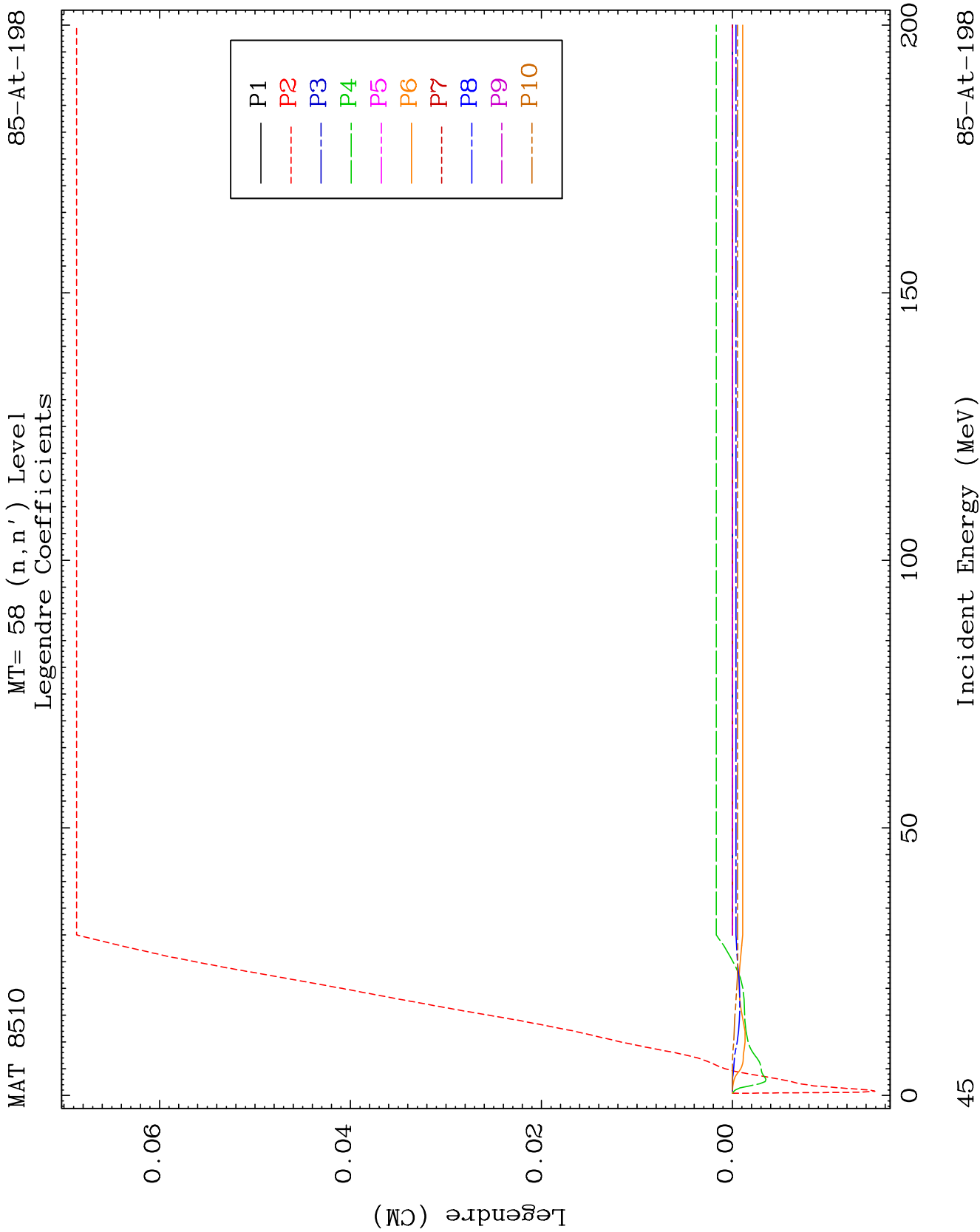


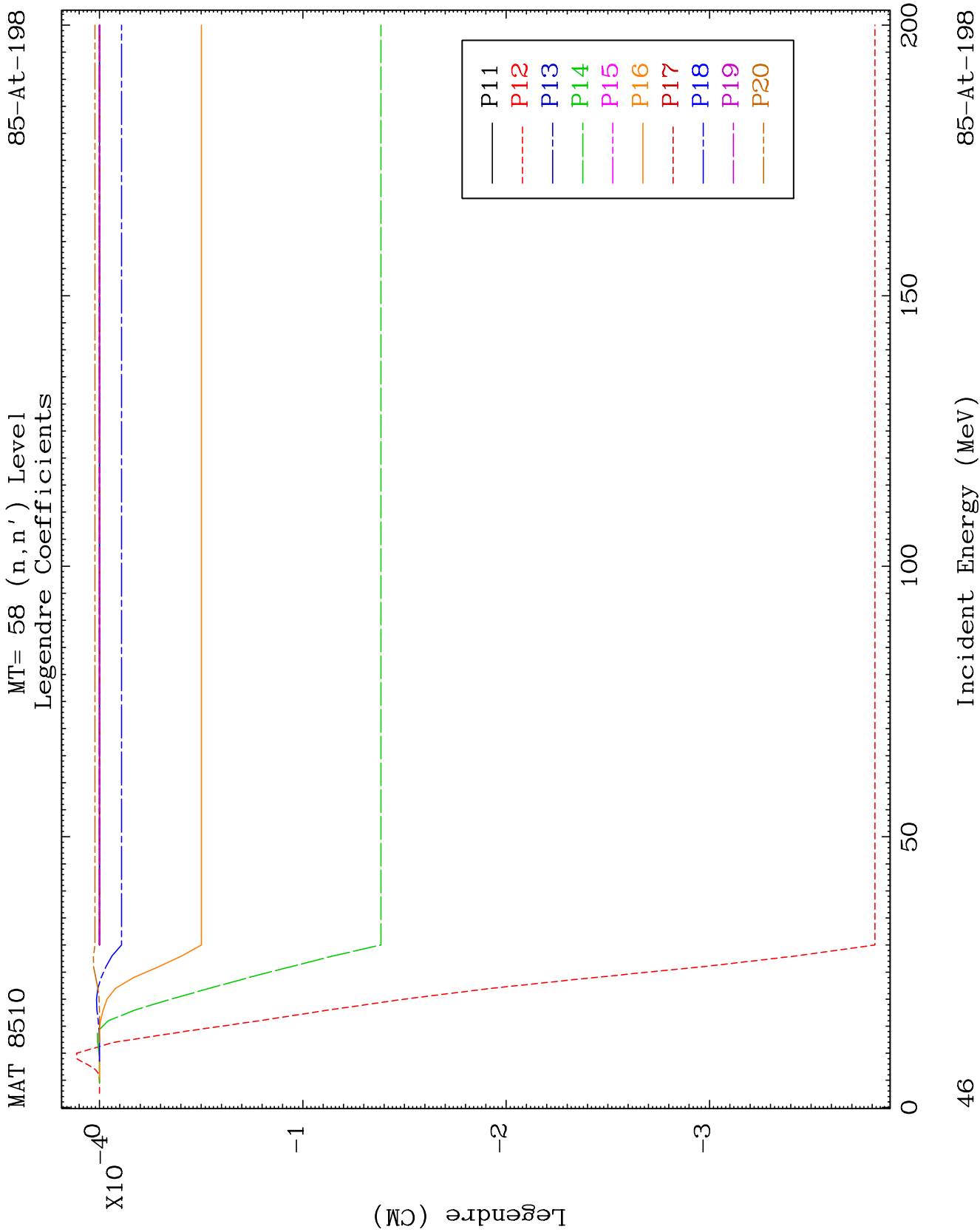
MAT 8510

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

85-At-198



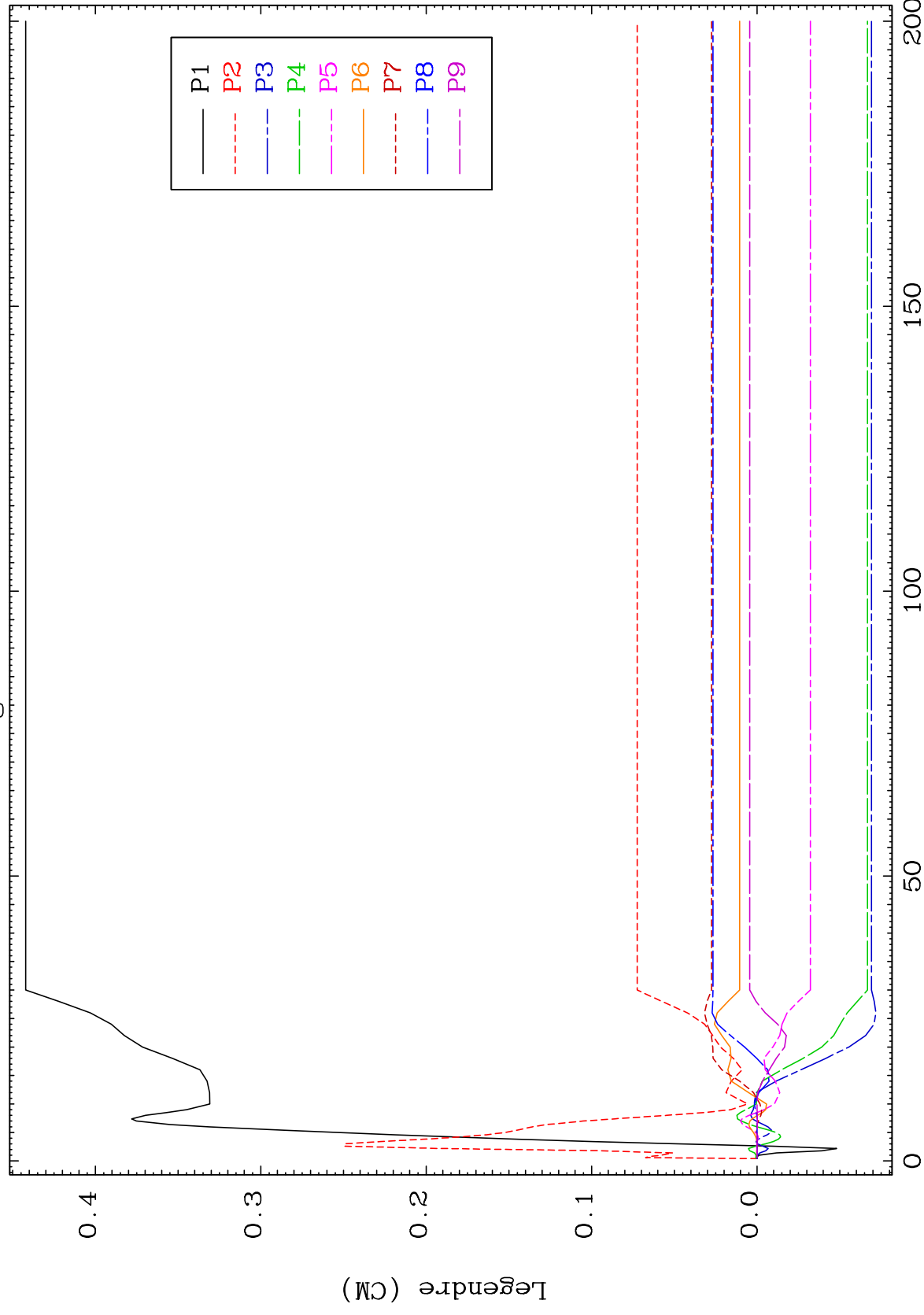




MAT 8510

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

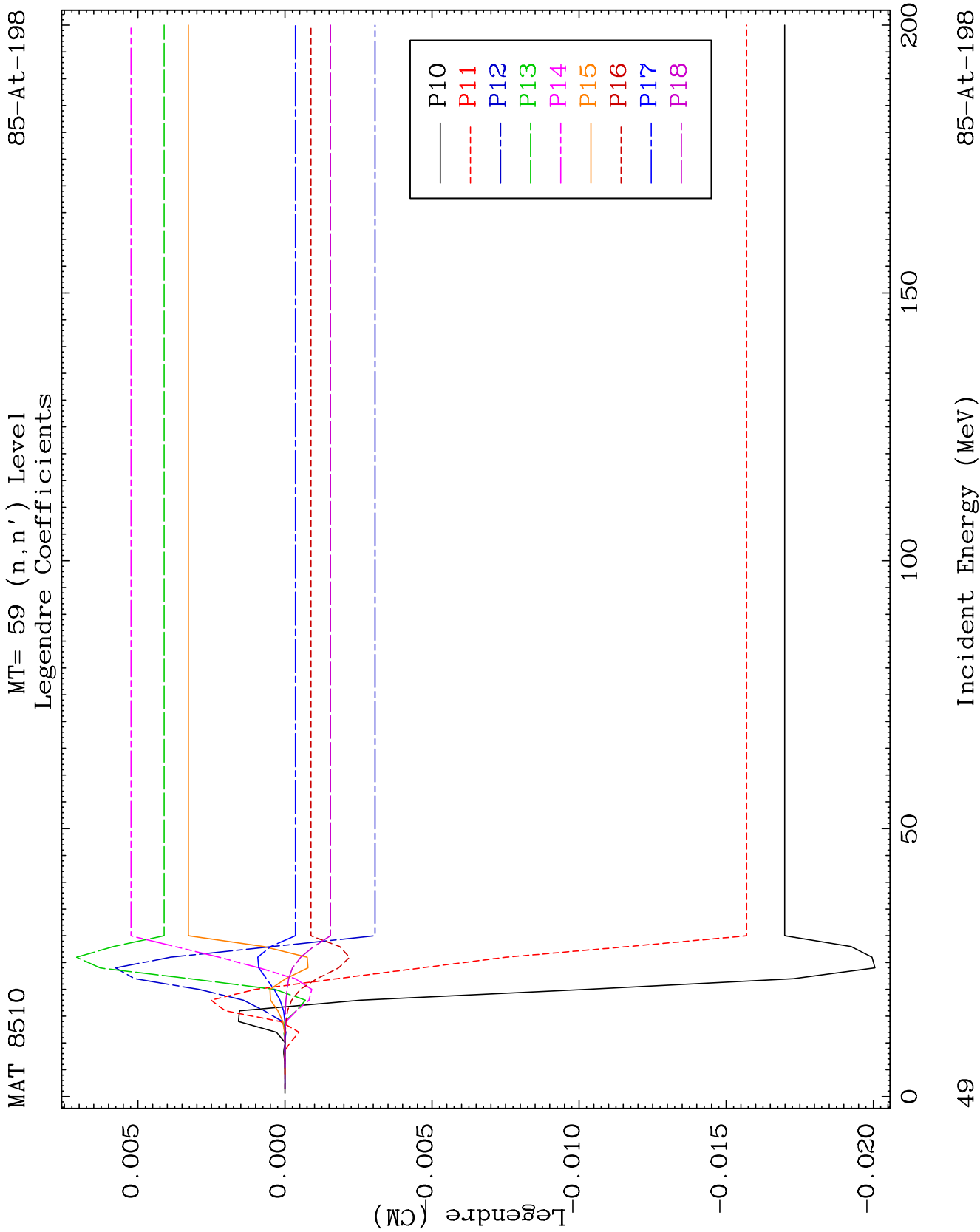
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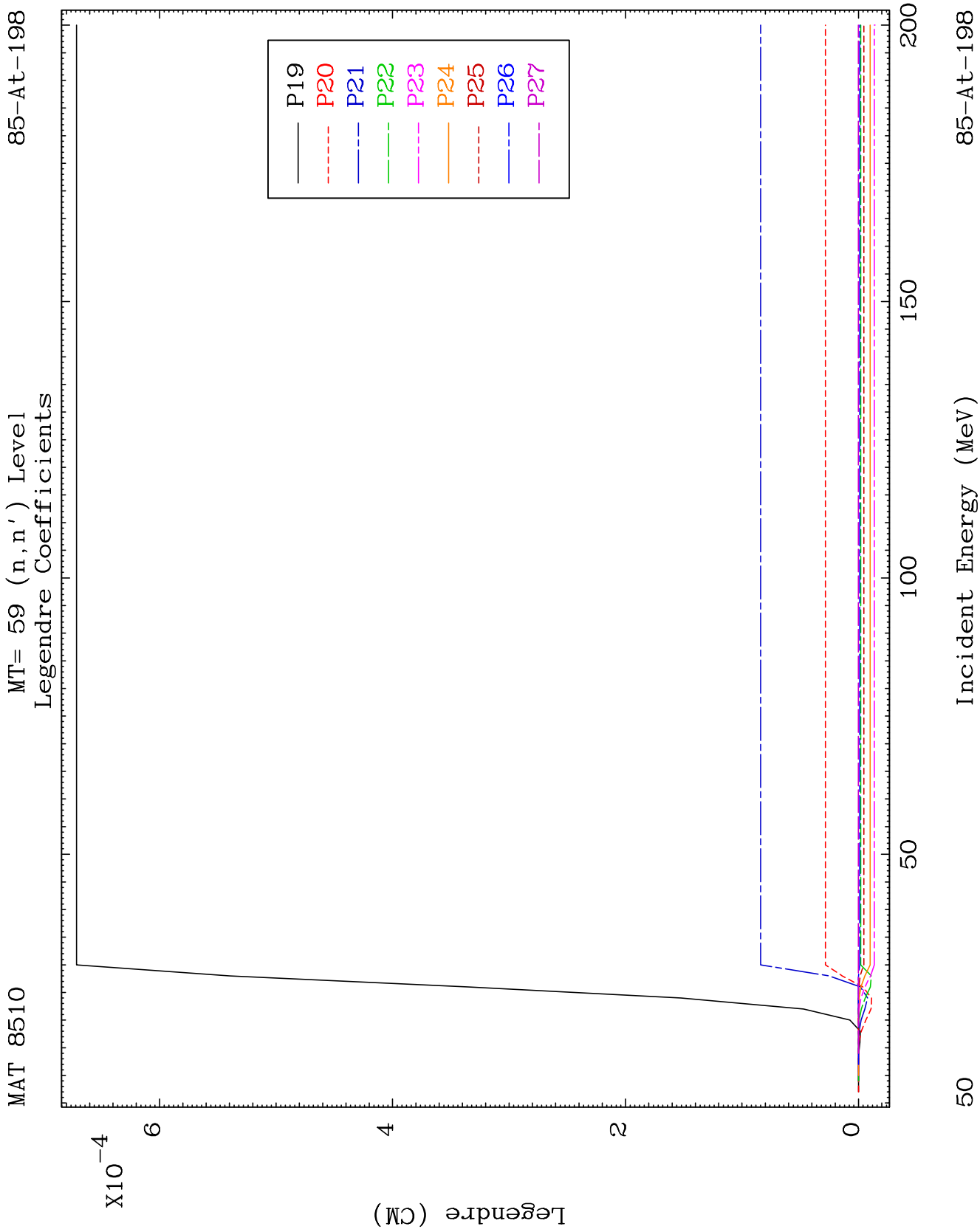


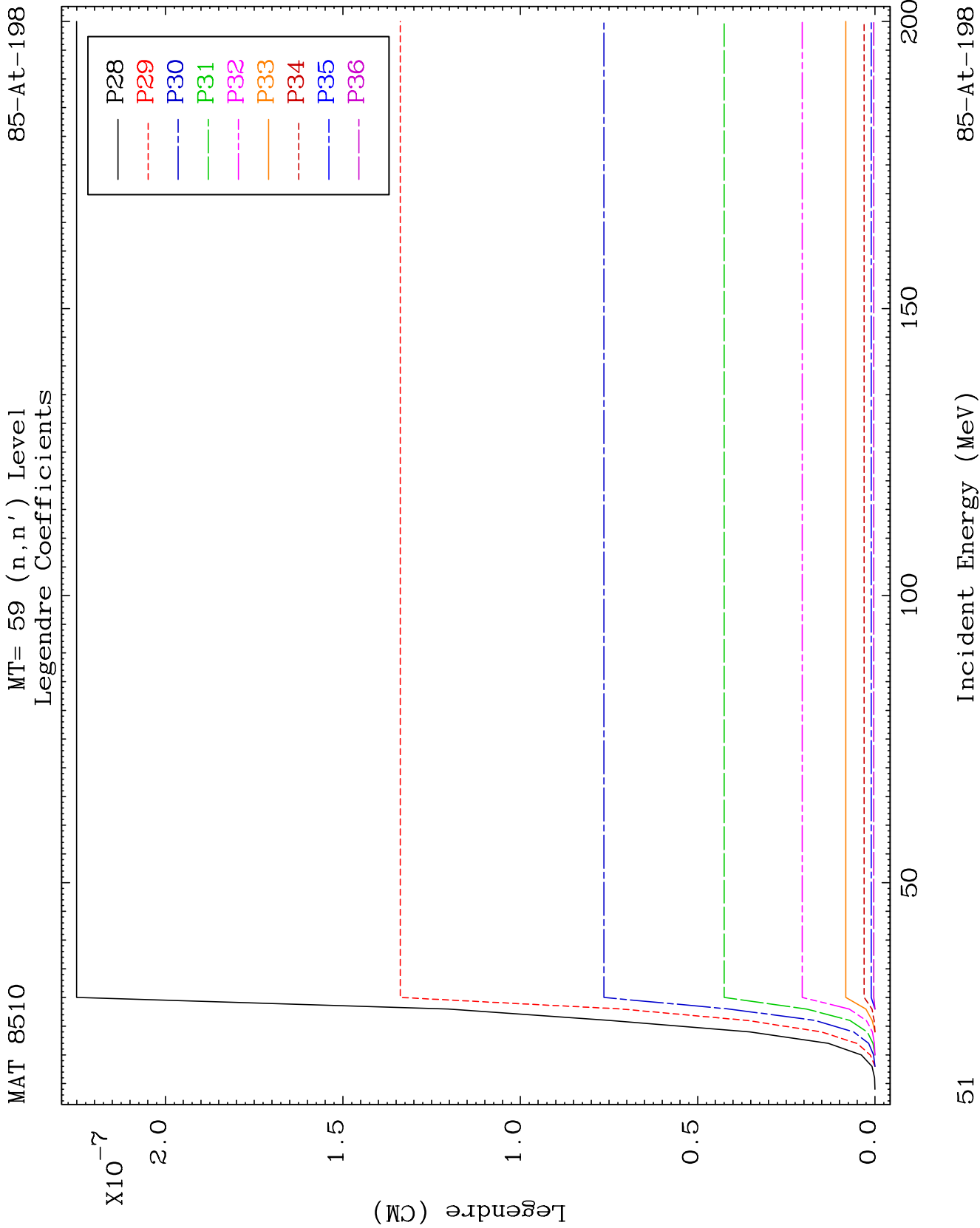
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Incident Energy (MeV)

85-At-198



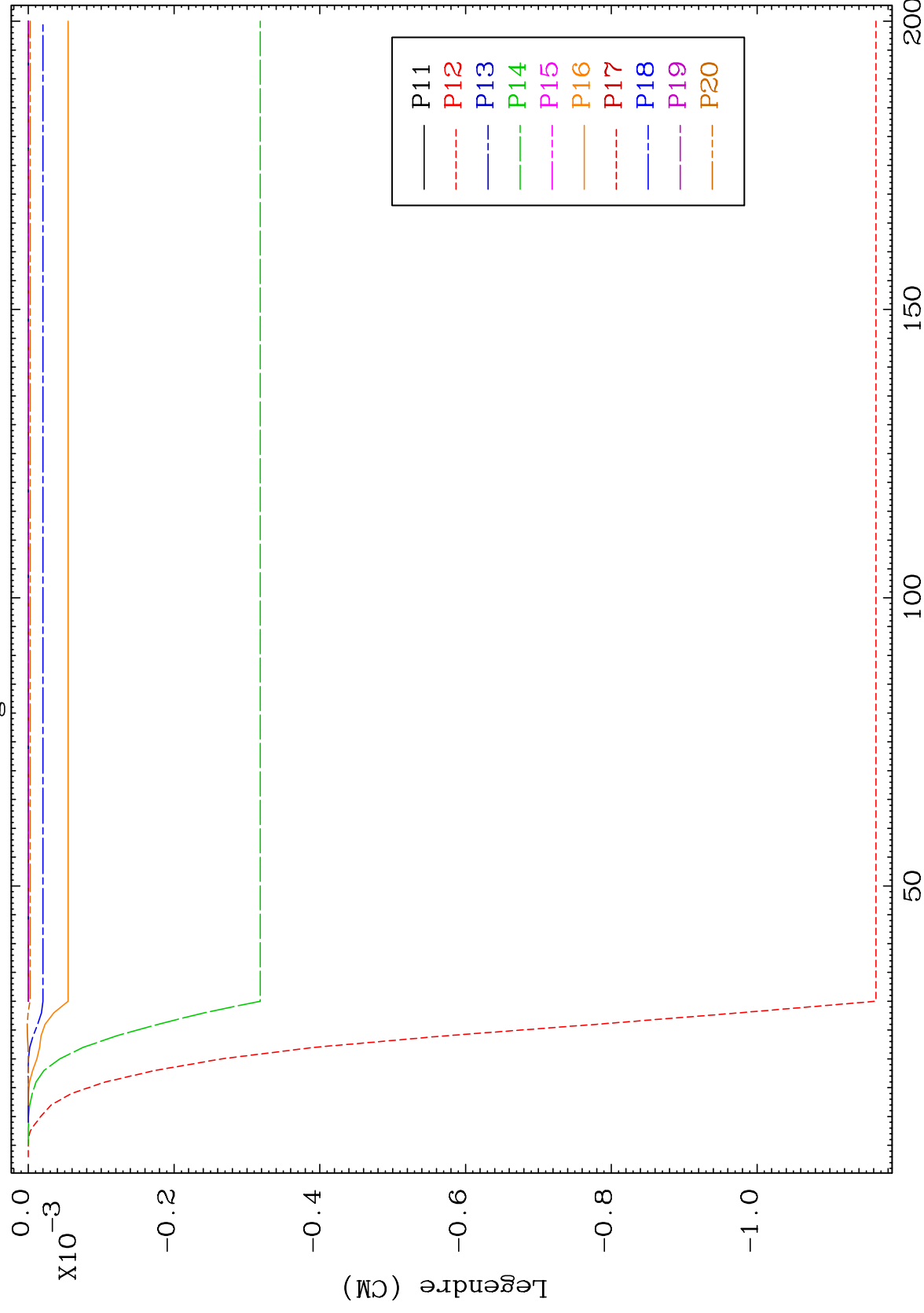




MAT 8510

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

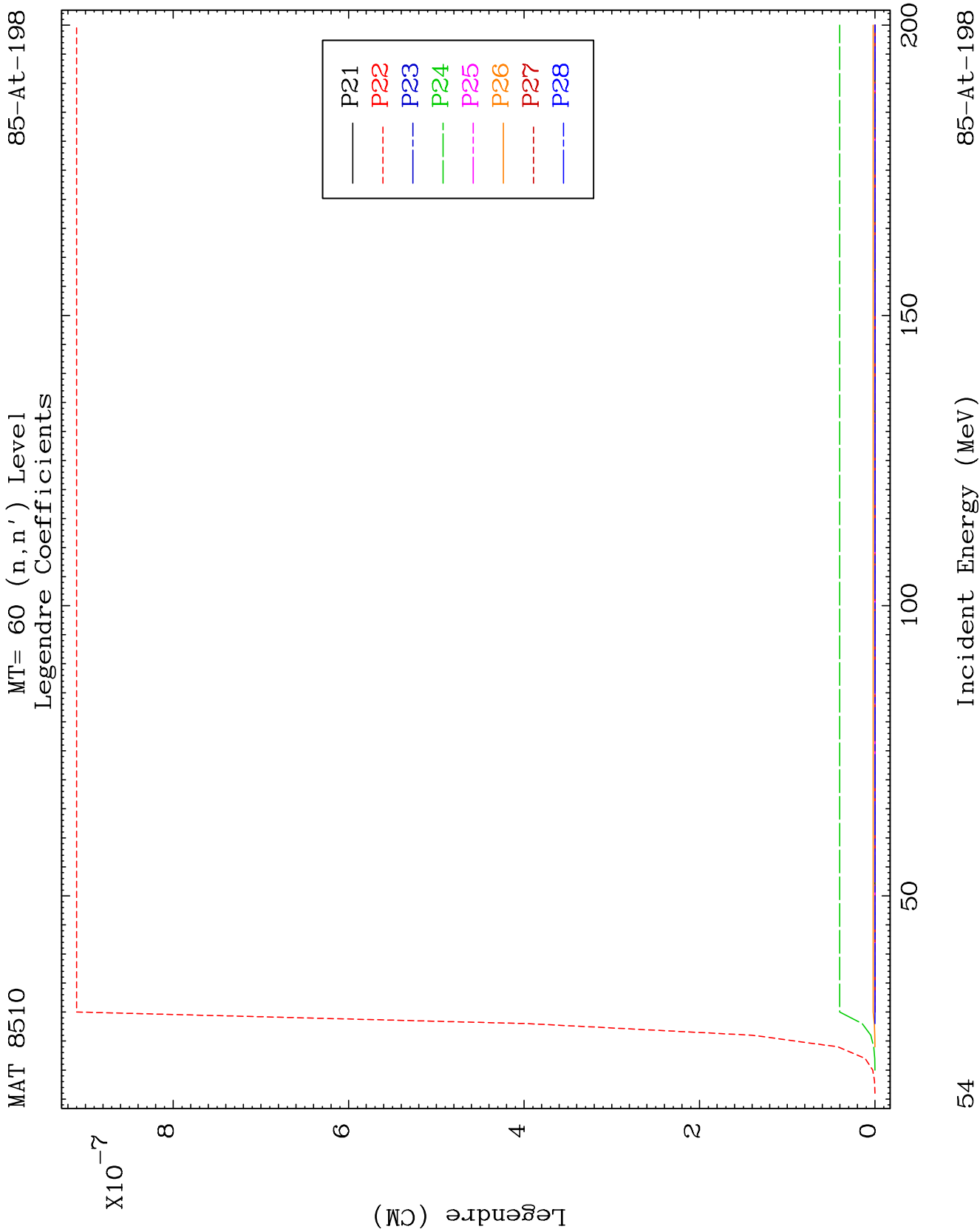
85-At-198



53

Incident Energy (MeV)

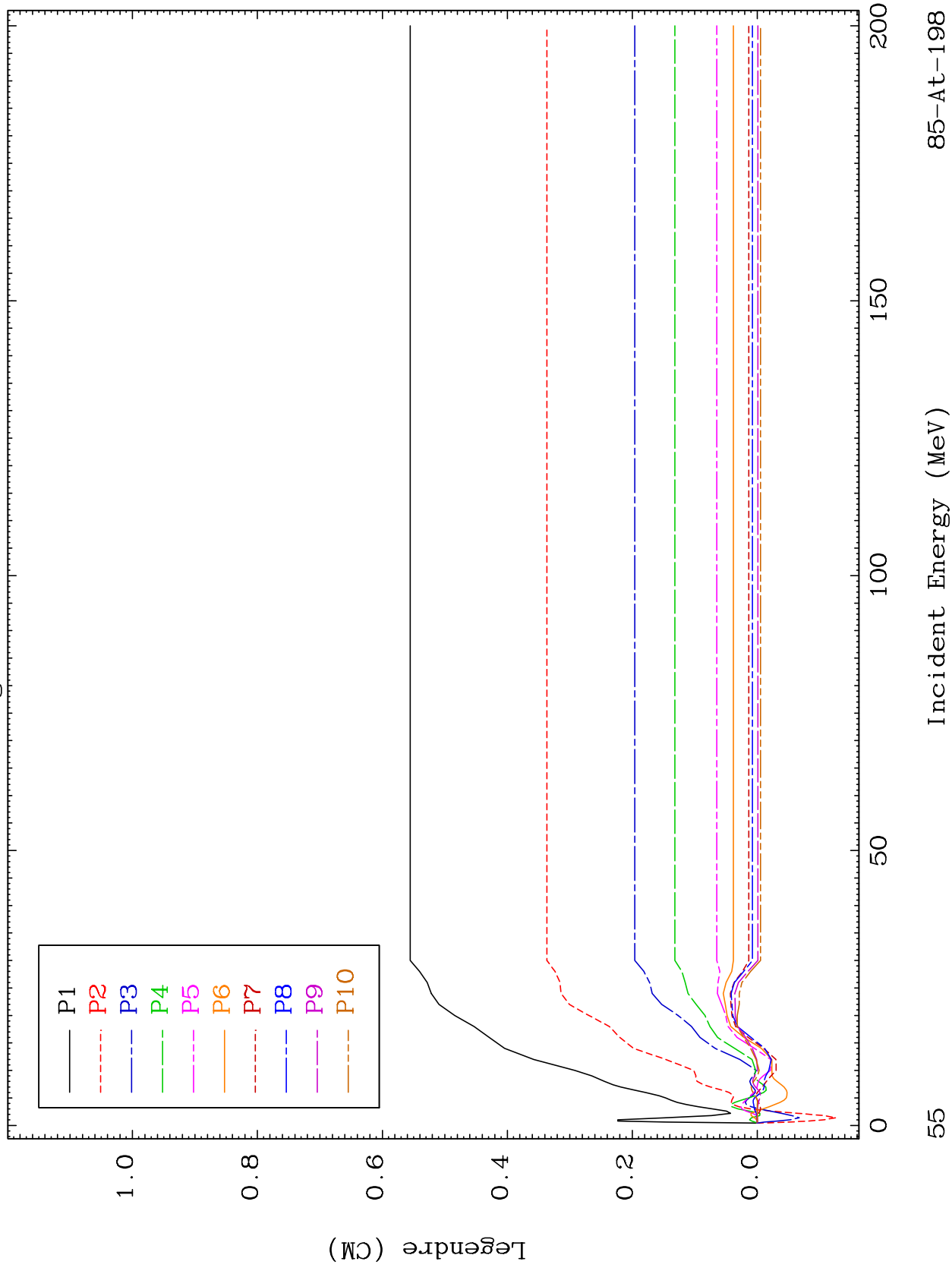
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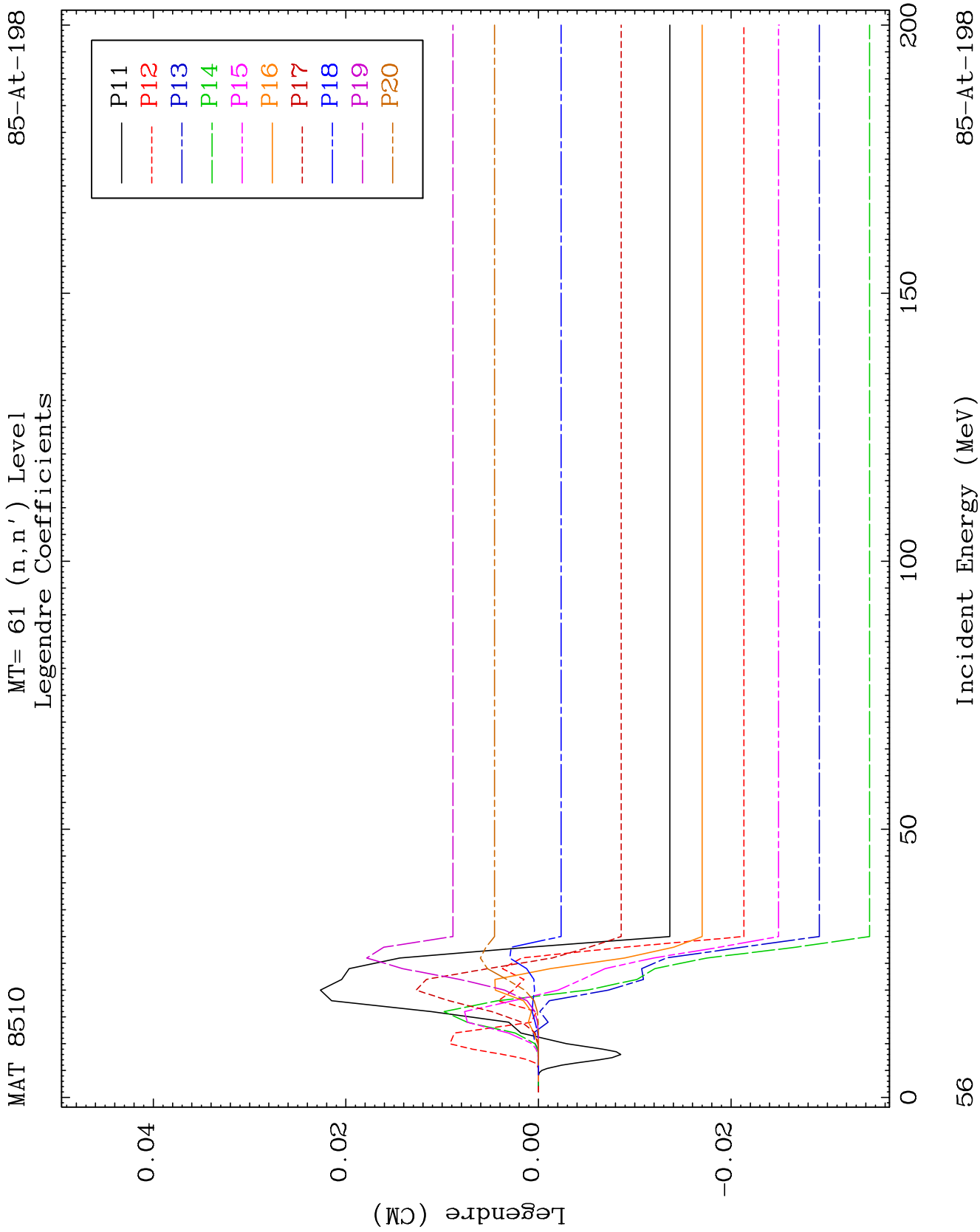


MAT 8510

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

85-At-198

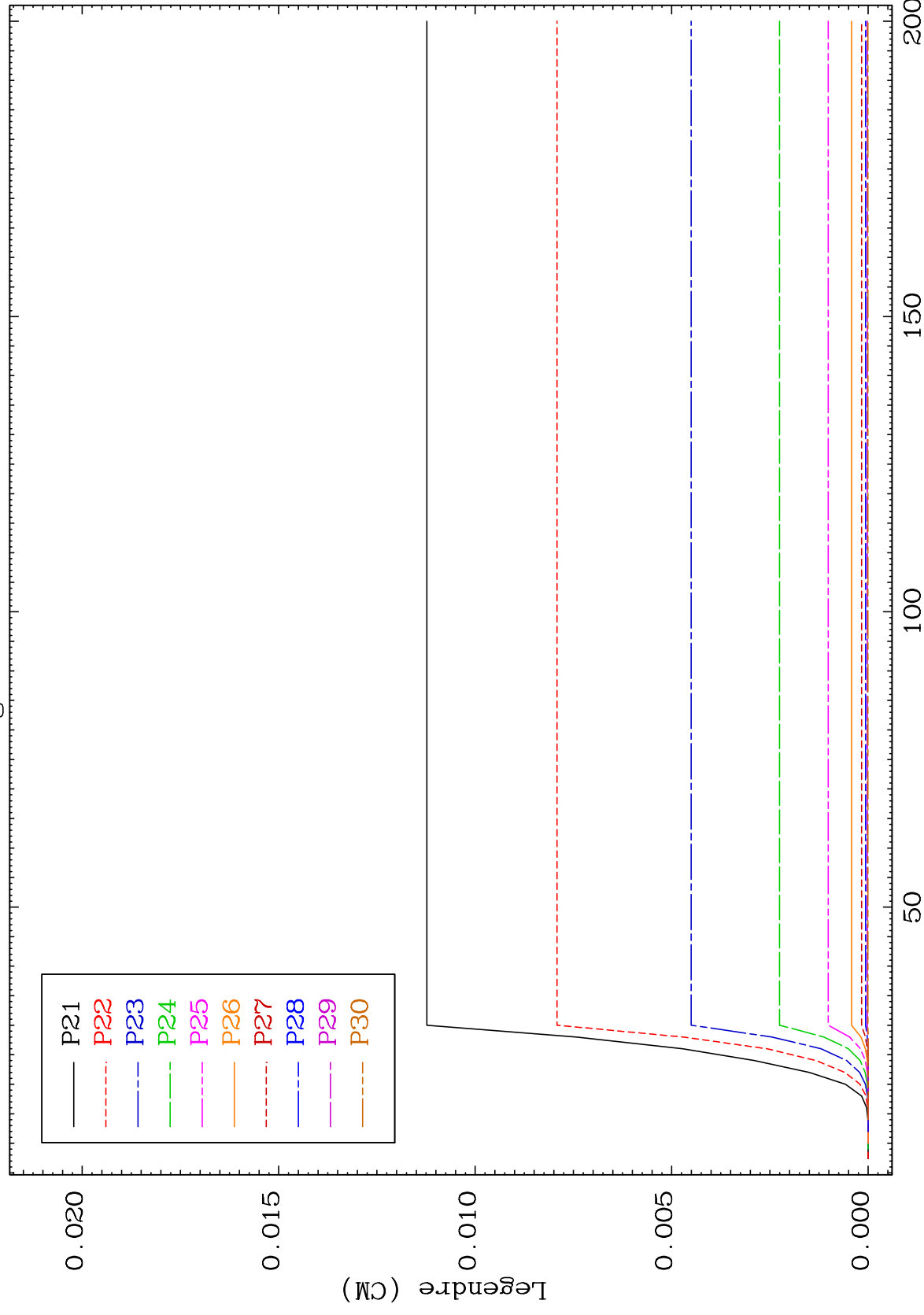




MAT 8510

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

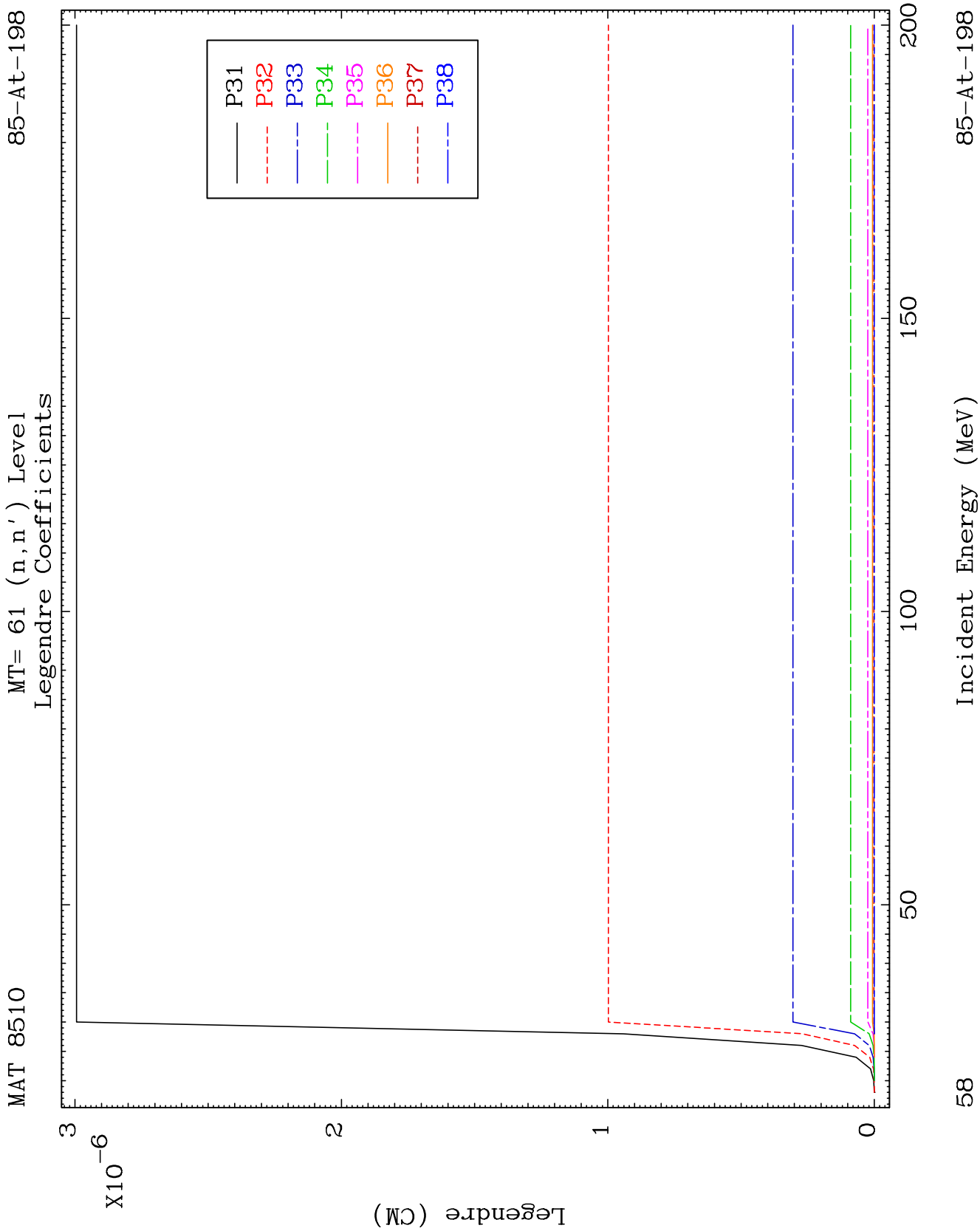
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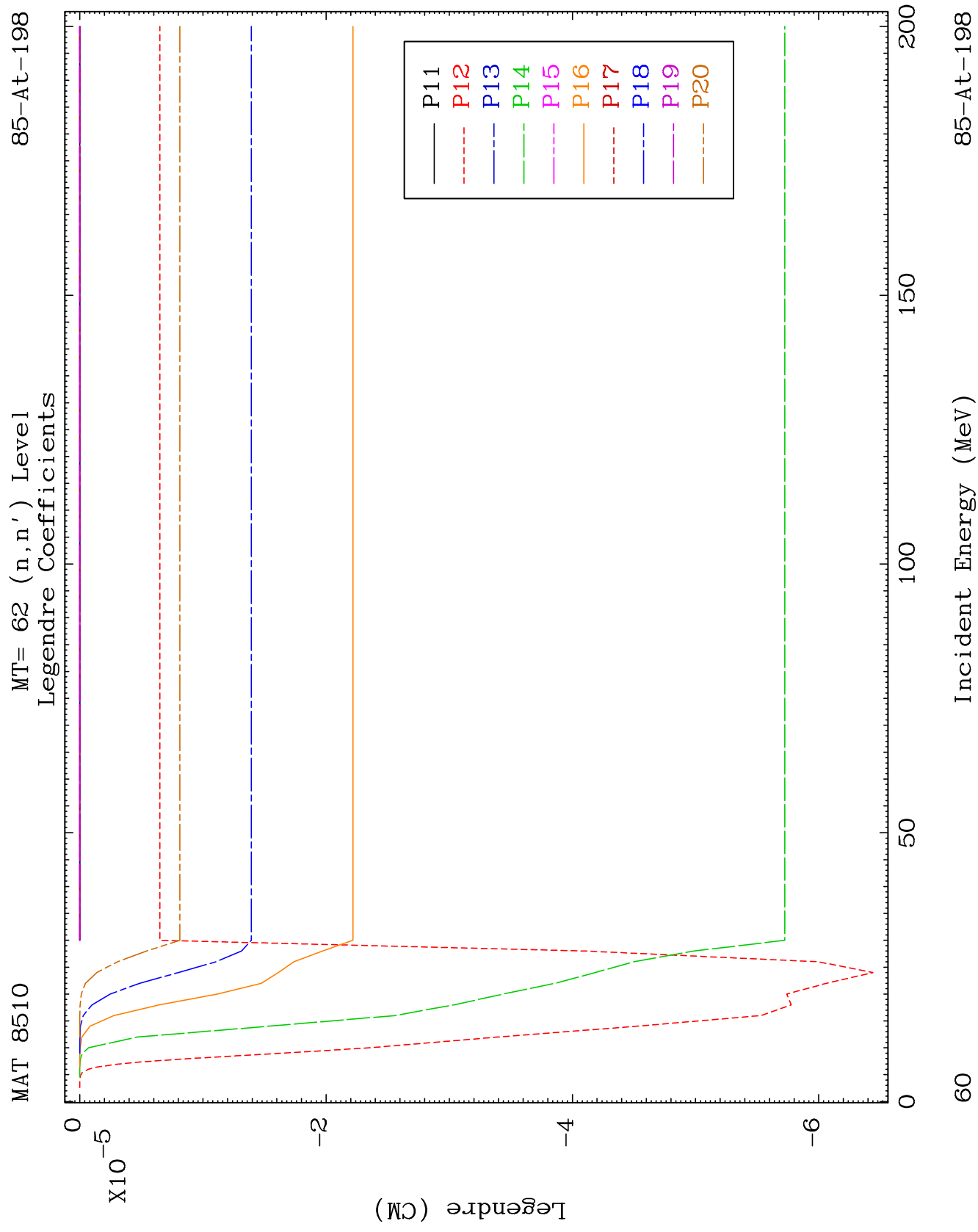


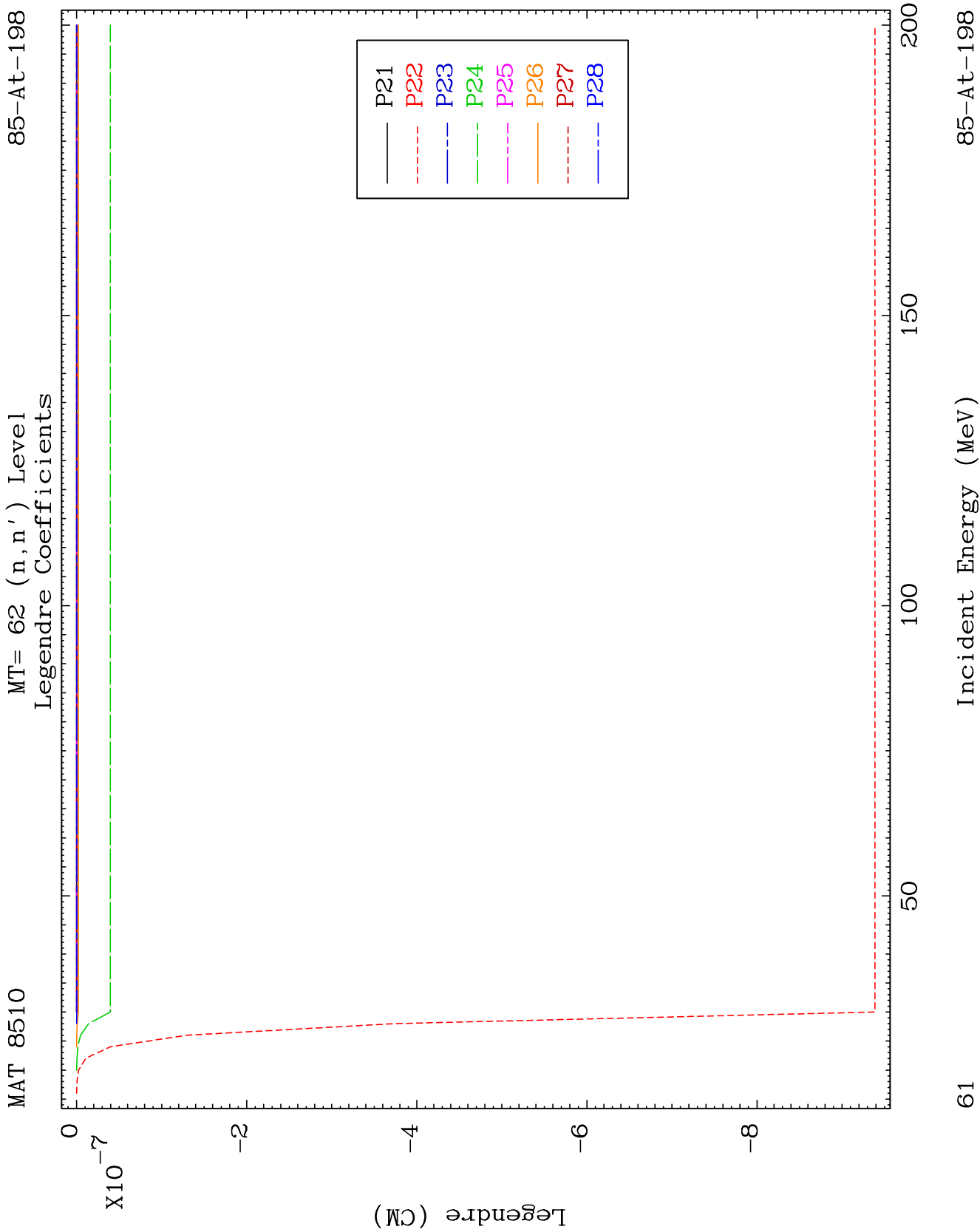
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Incident Energy (MeV)

85-At-198



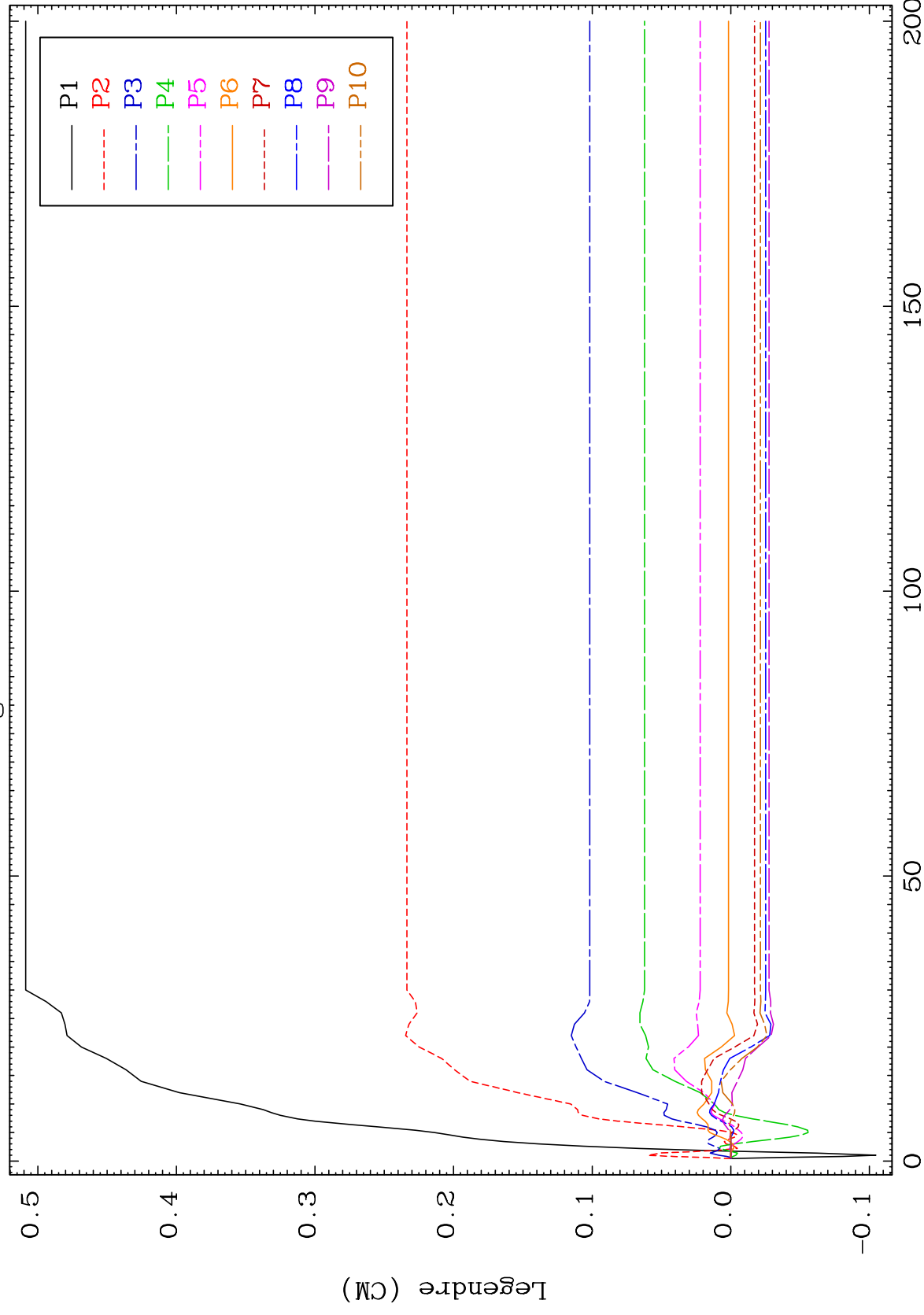




MAT 8510

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

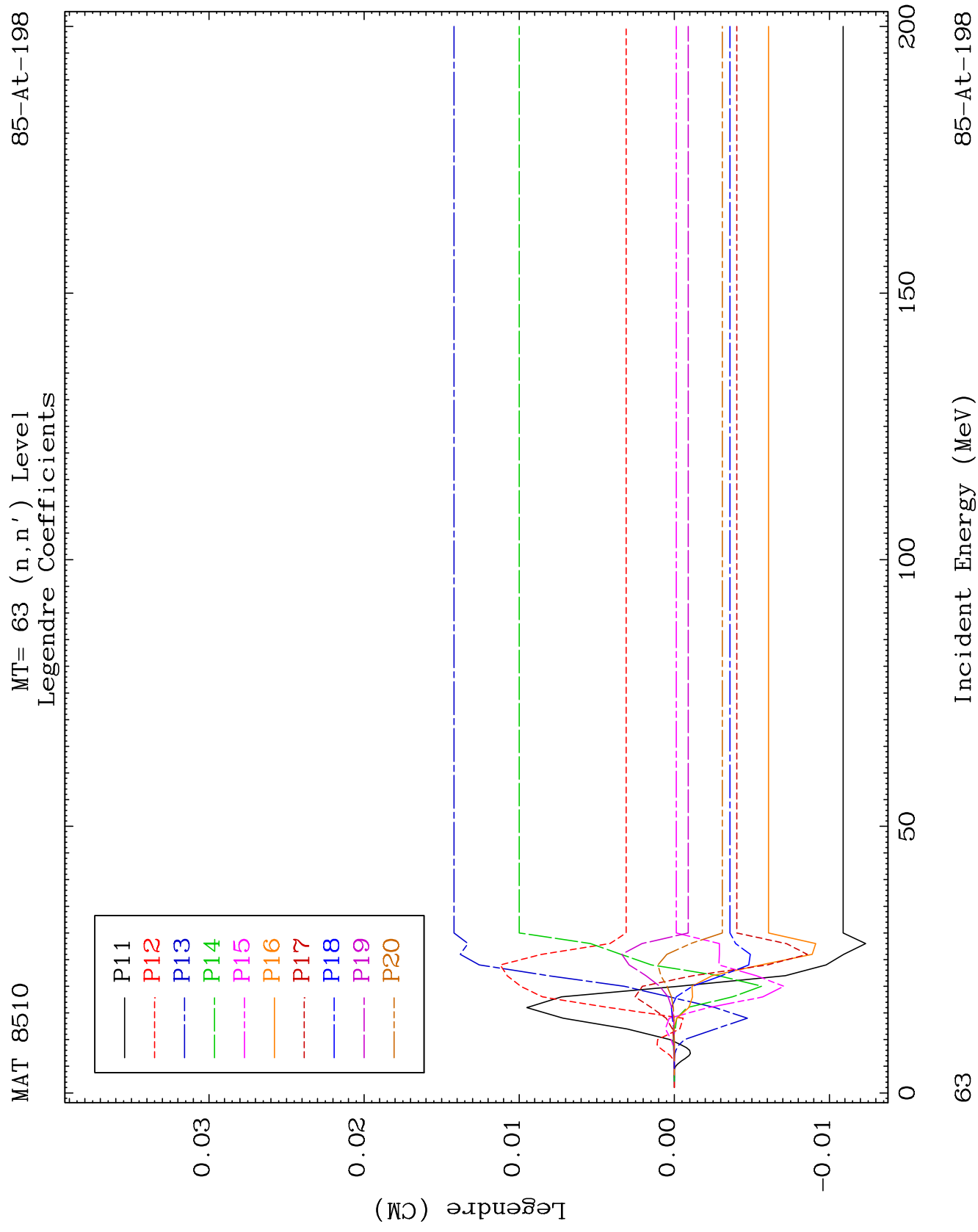
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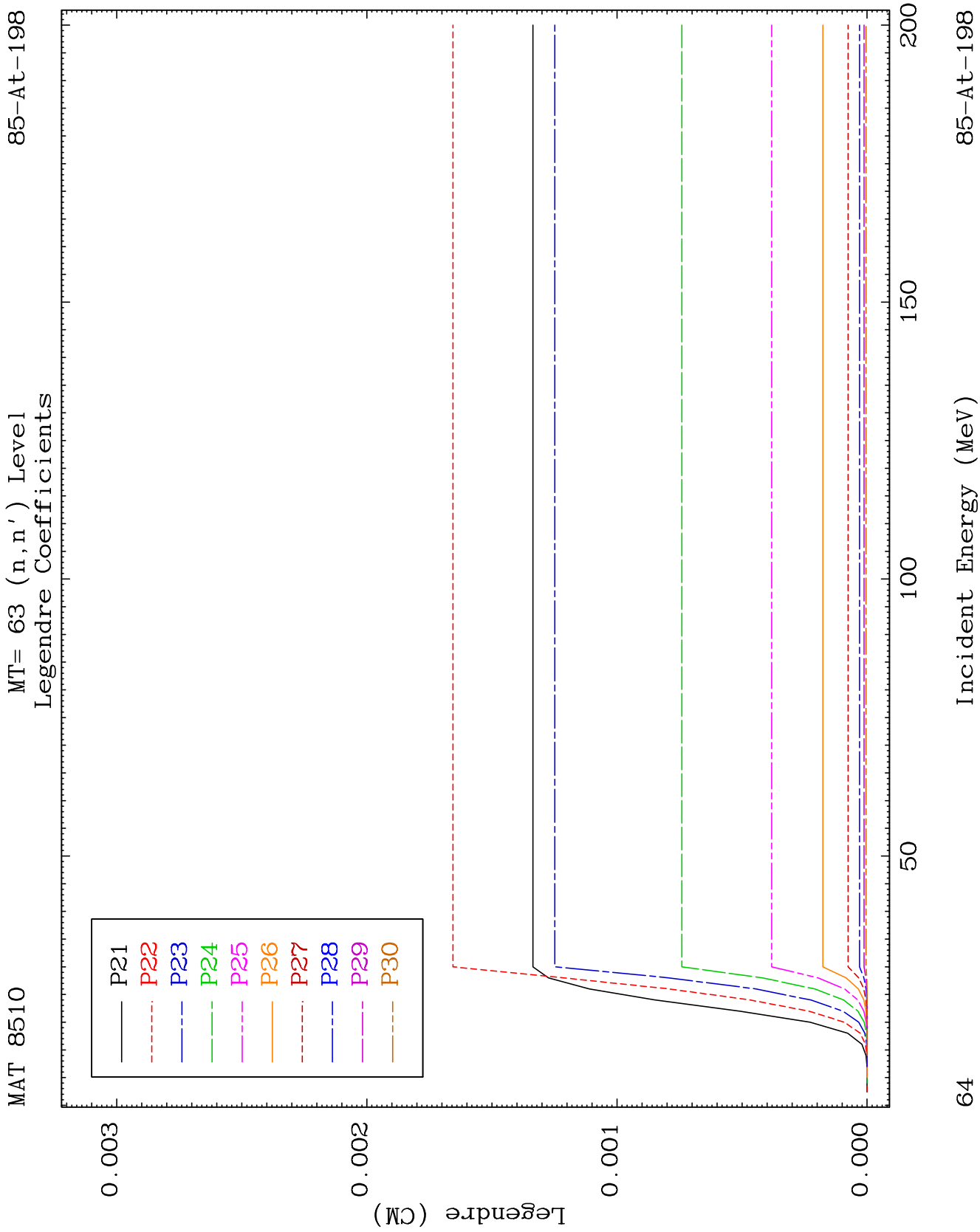


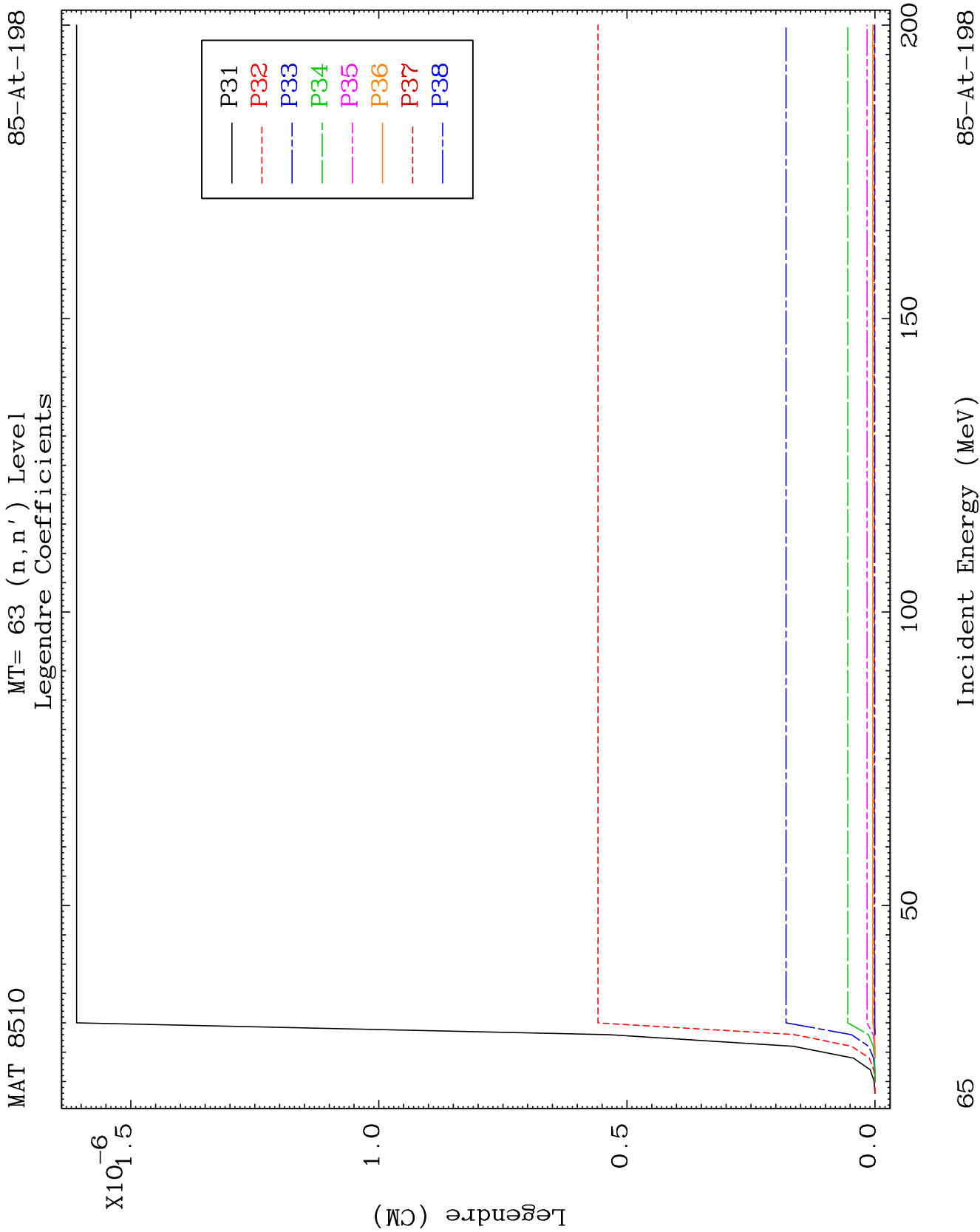
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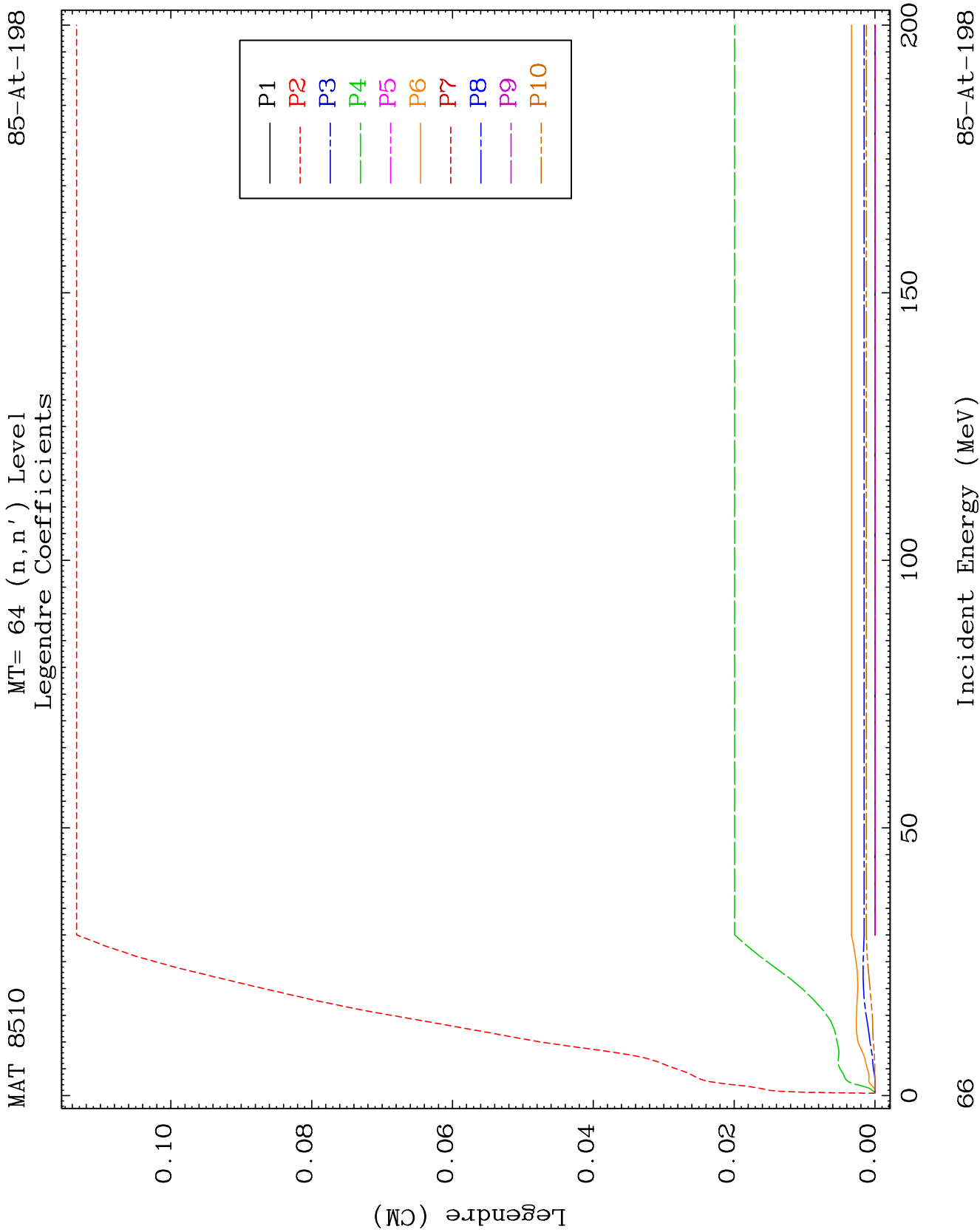
Incident Energy (MeV)

85-At-198





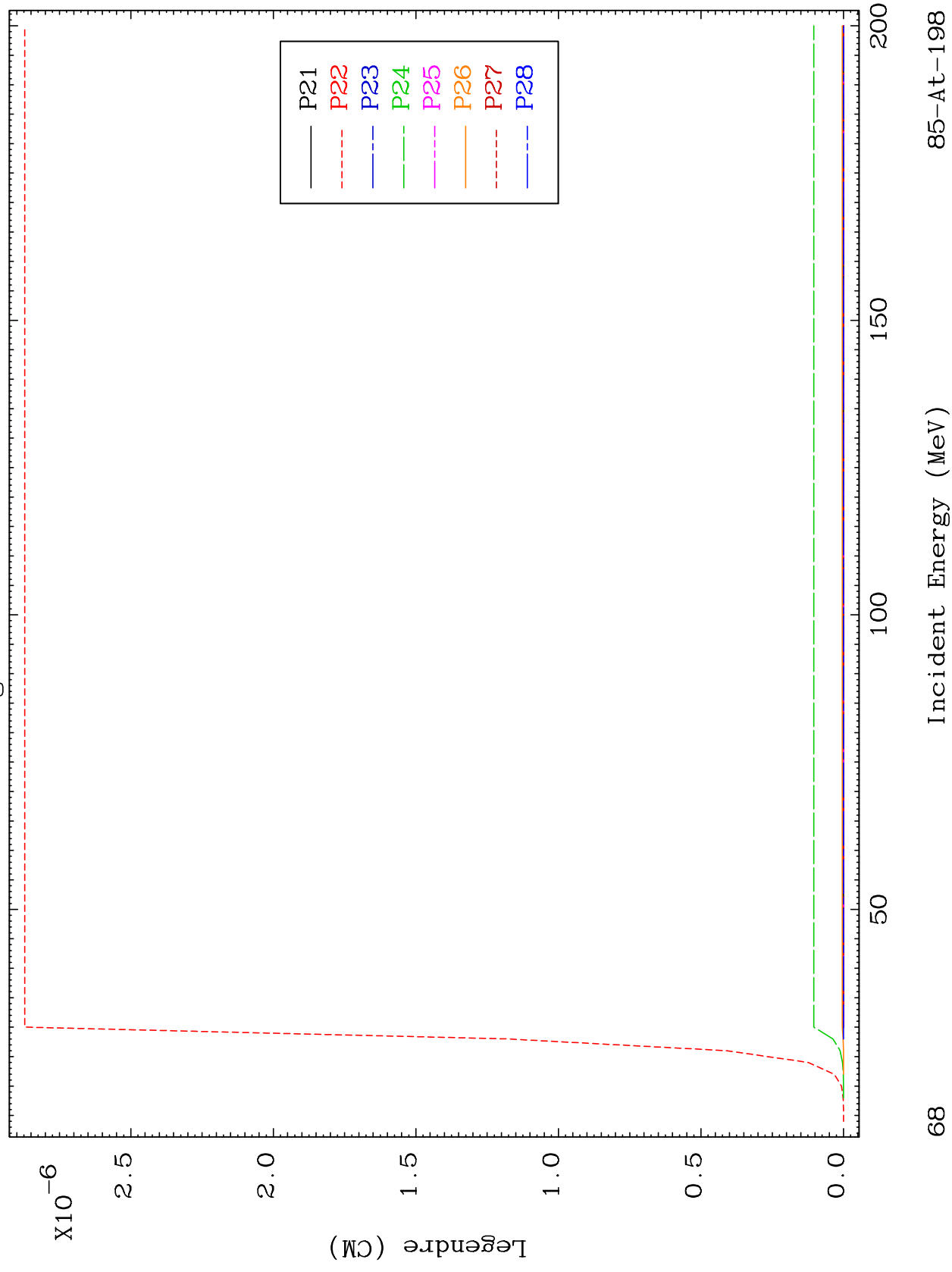


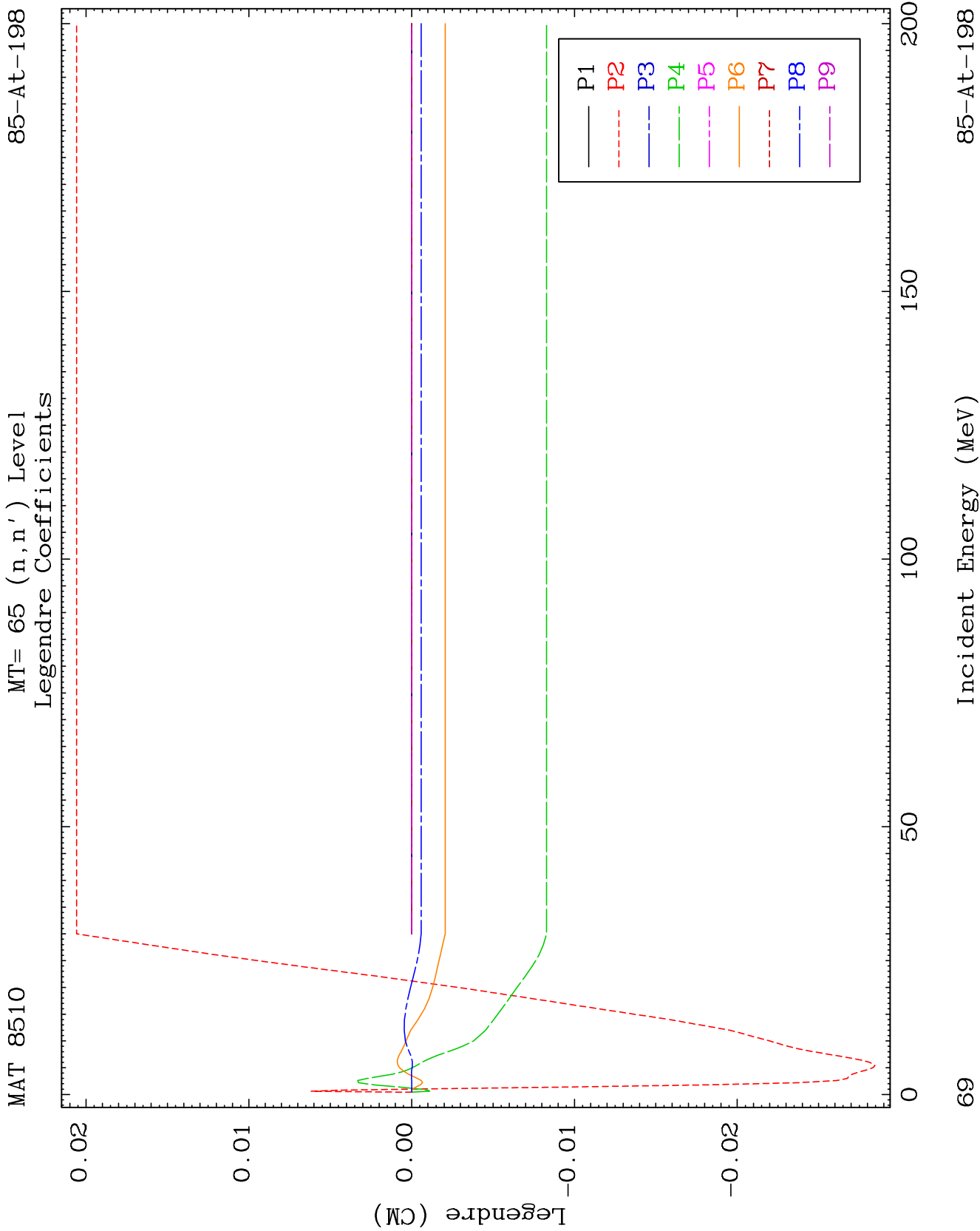


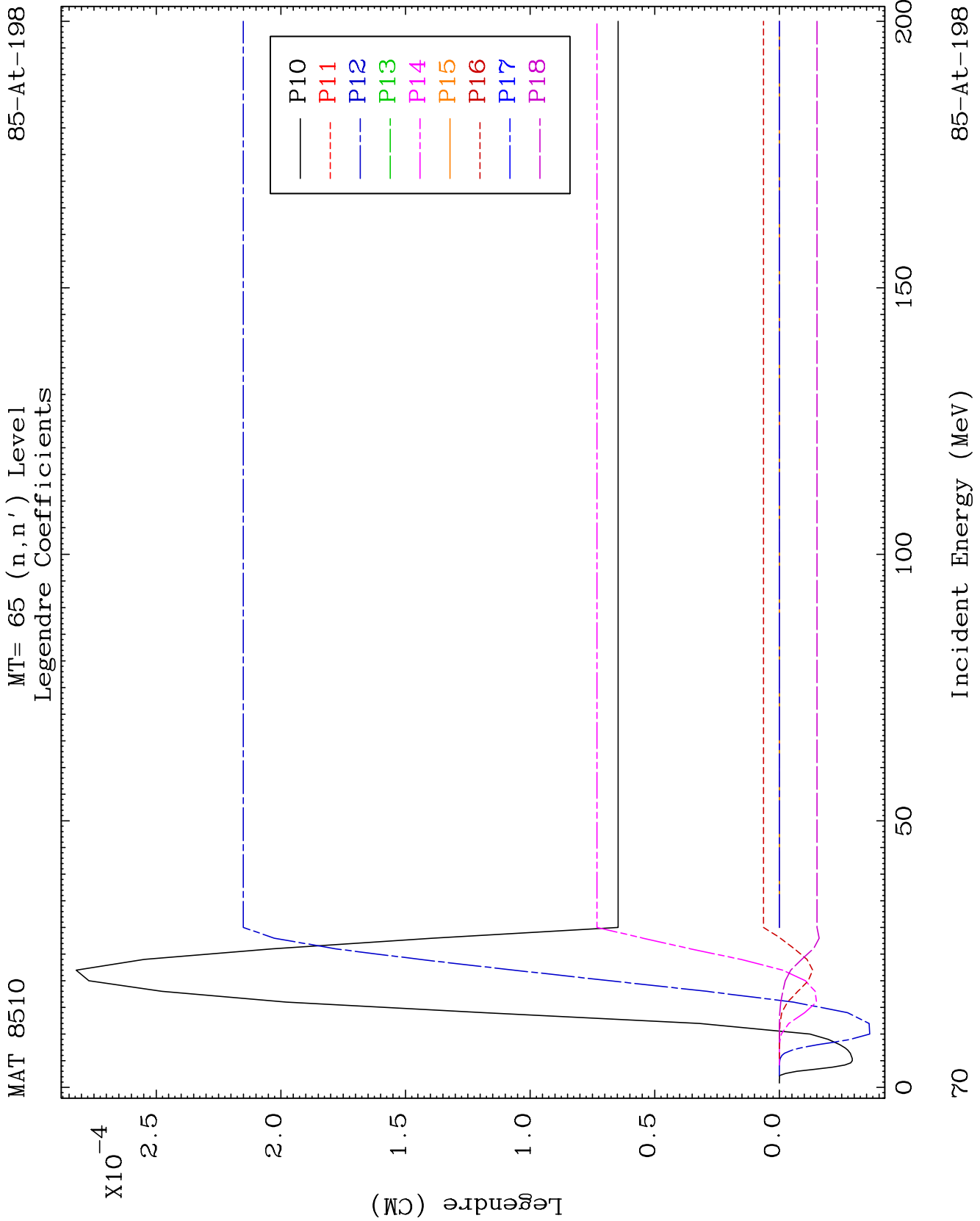
MAT 8510

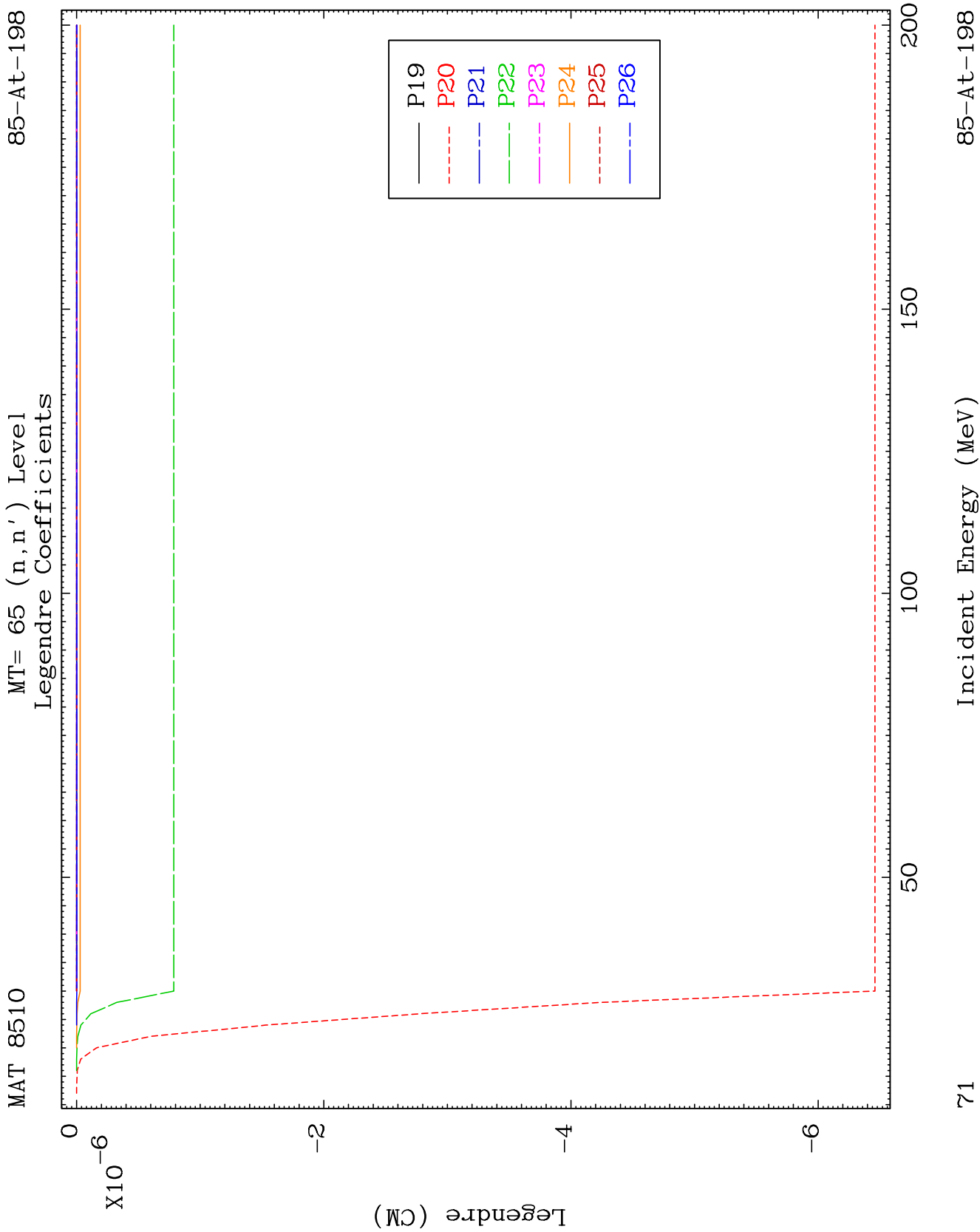
MT= 64 (n, n') Level
Legendre Coefficients

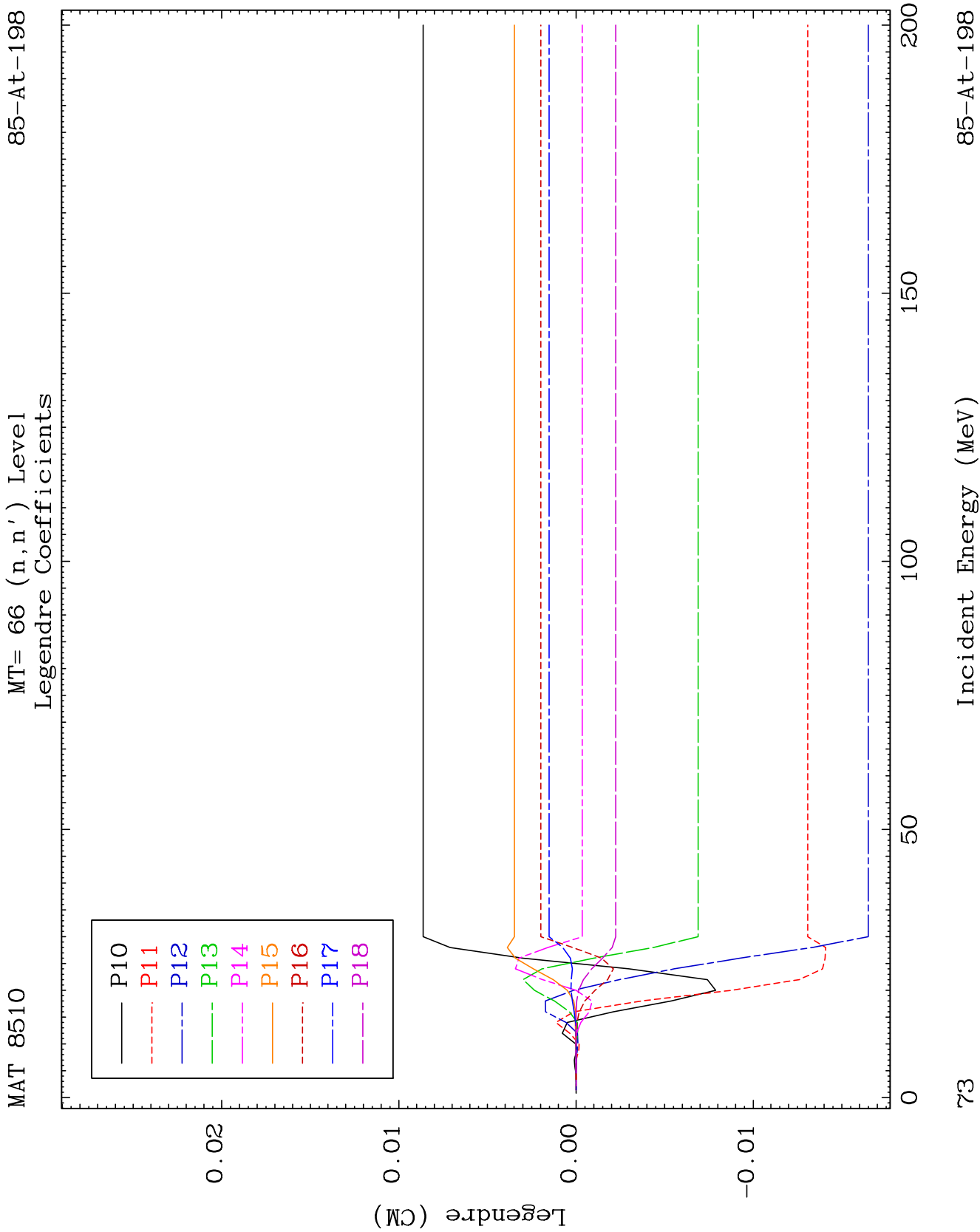
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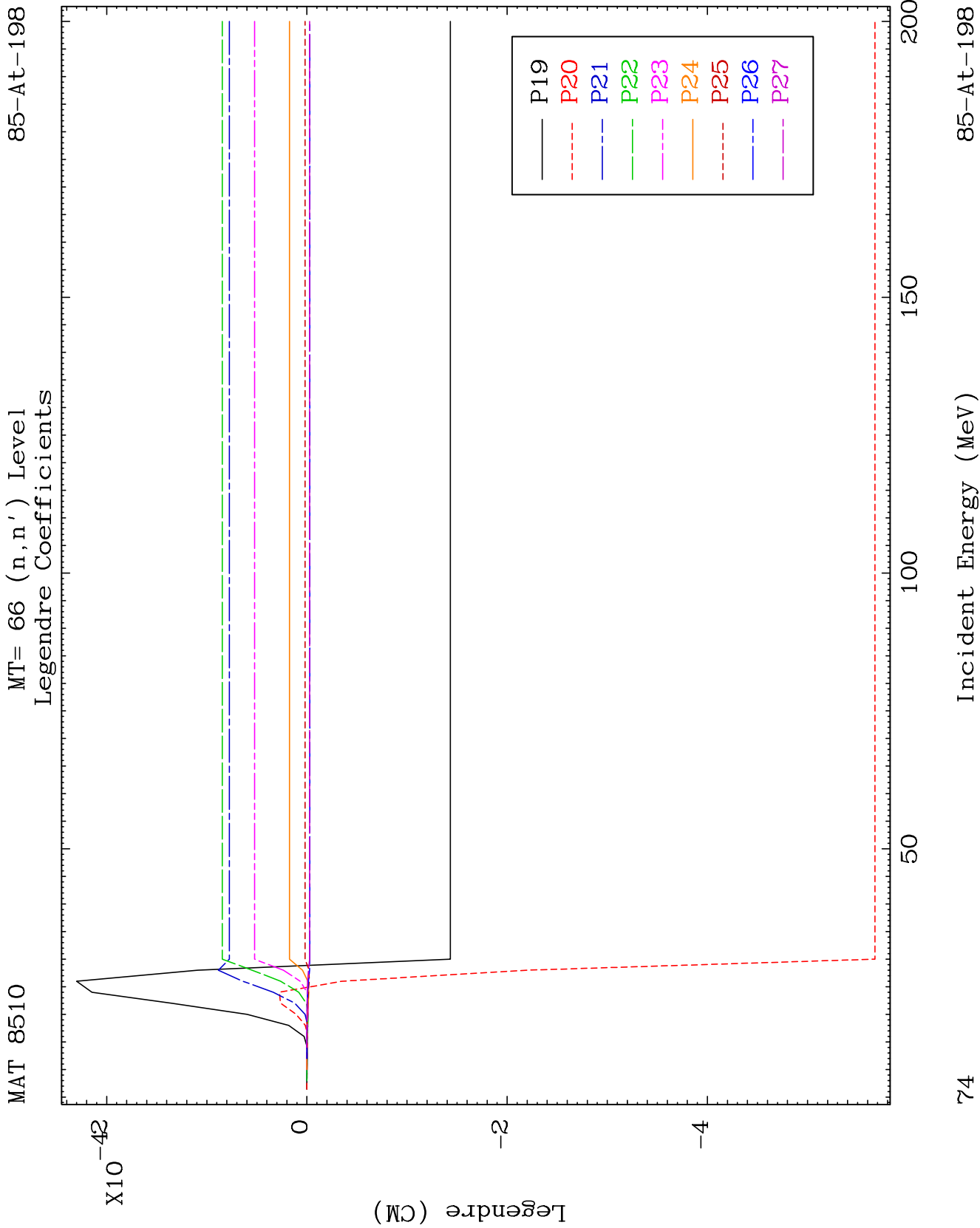


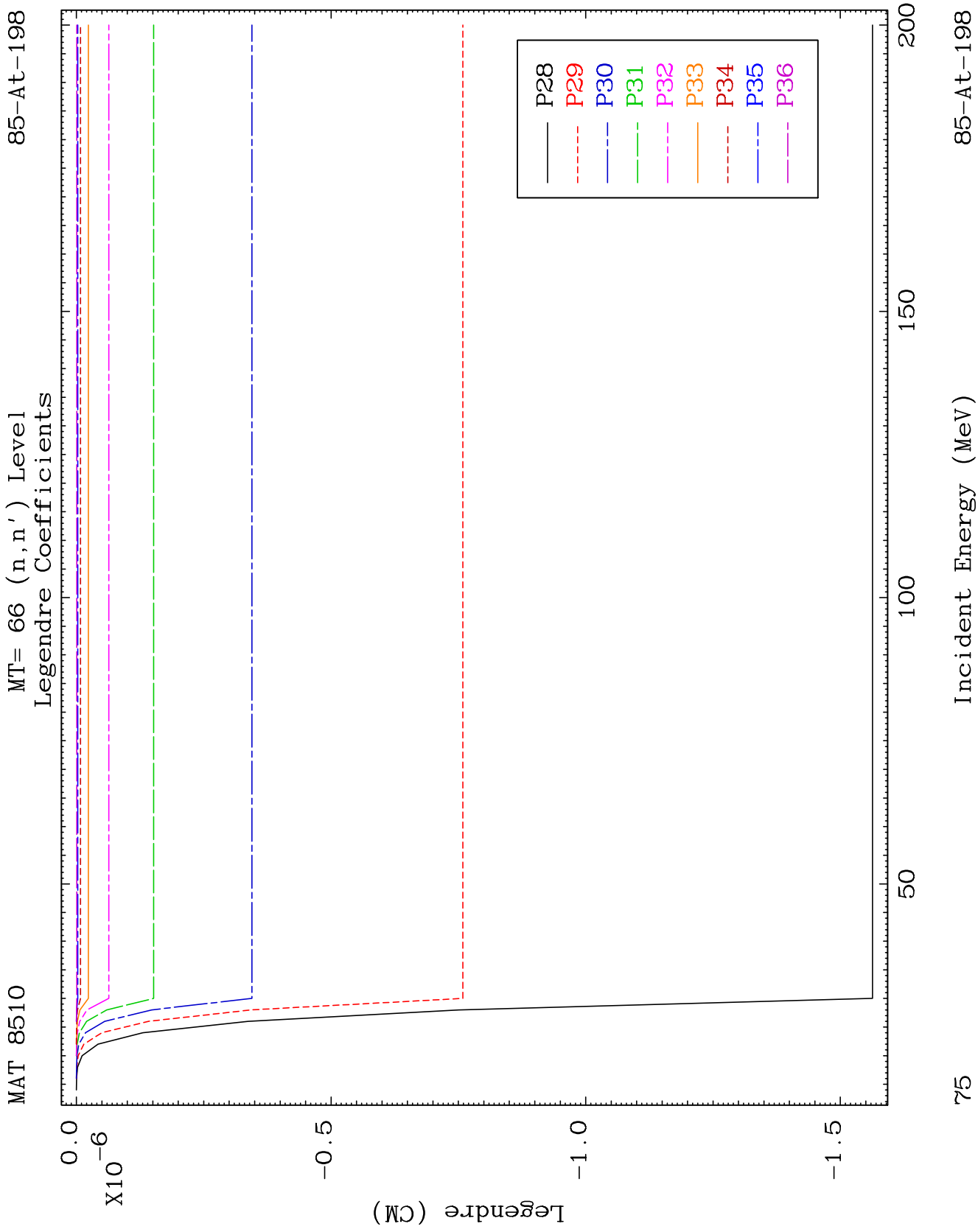


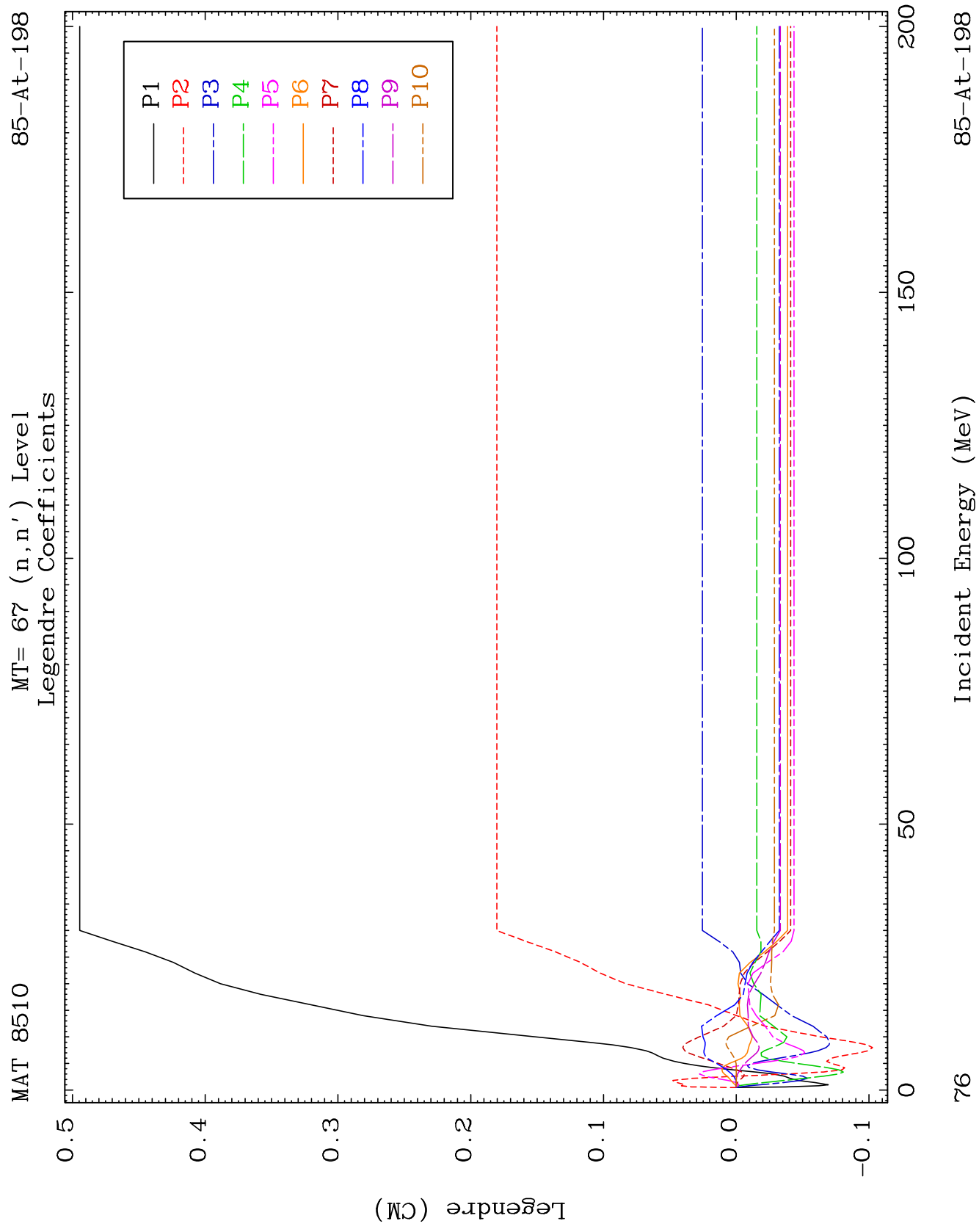


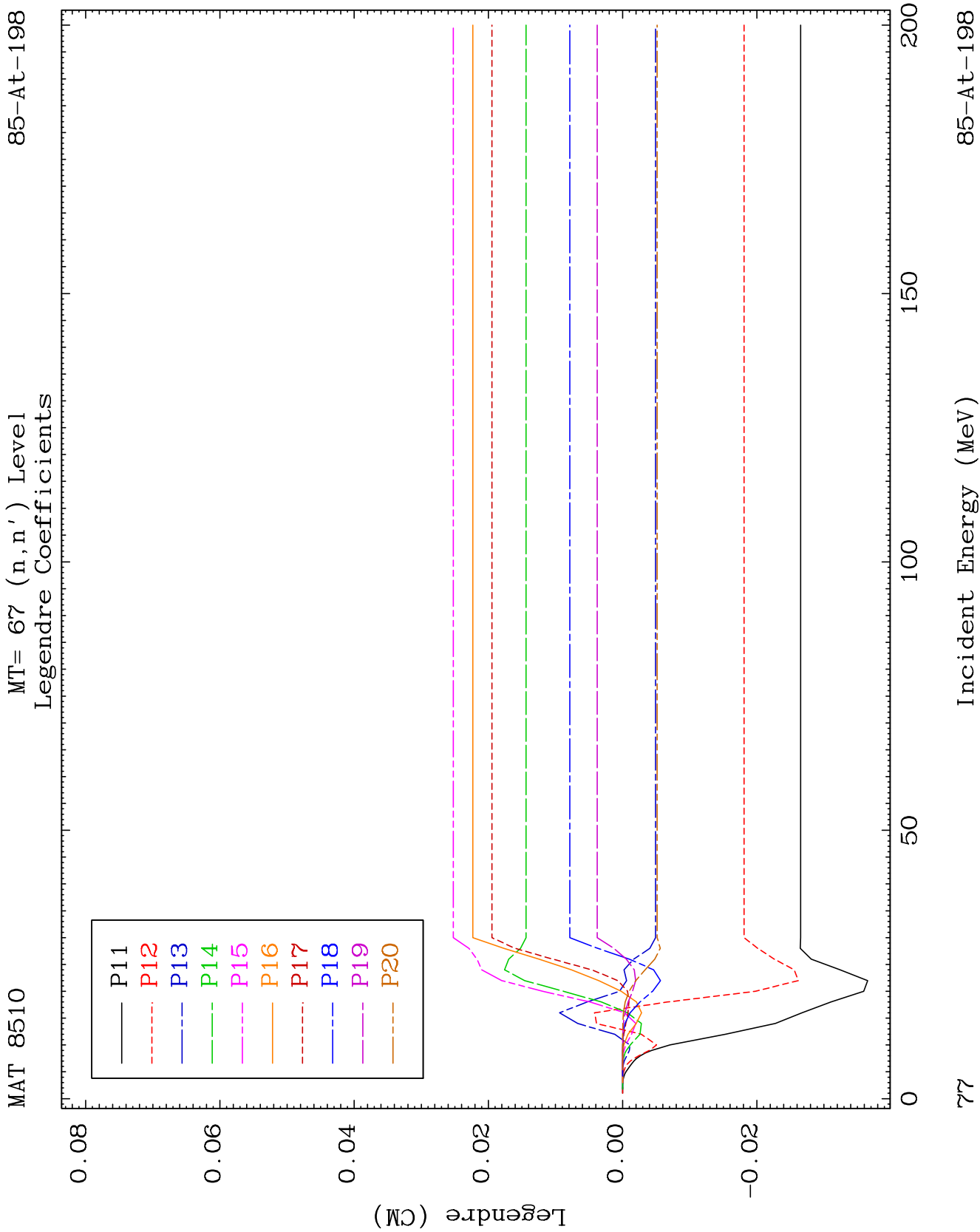


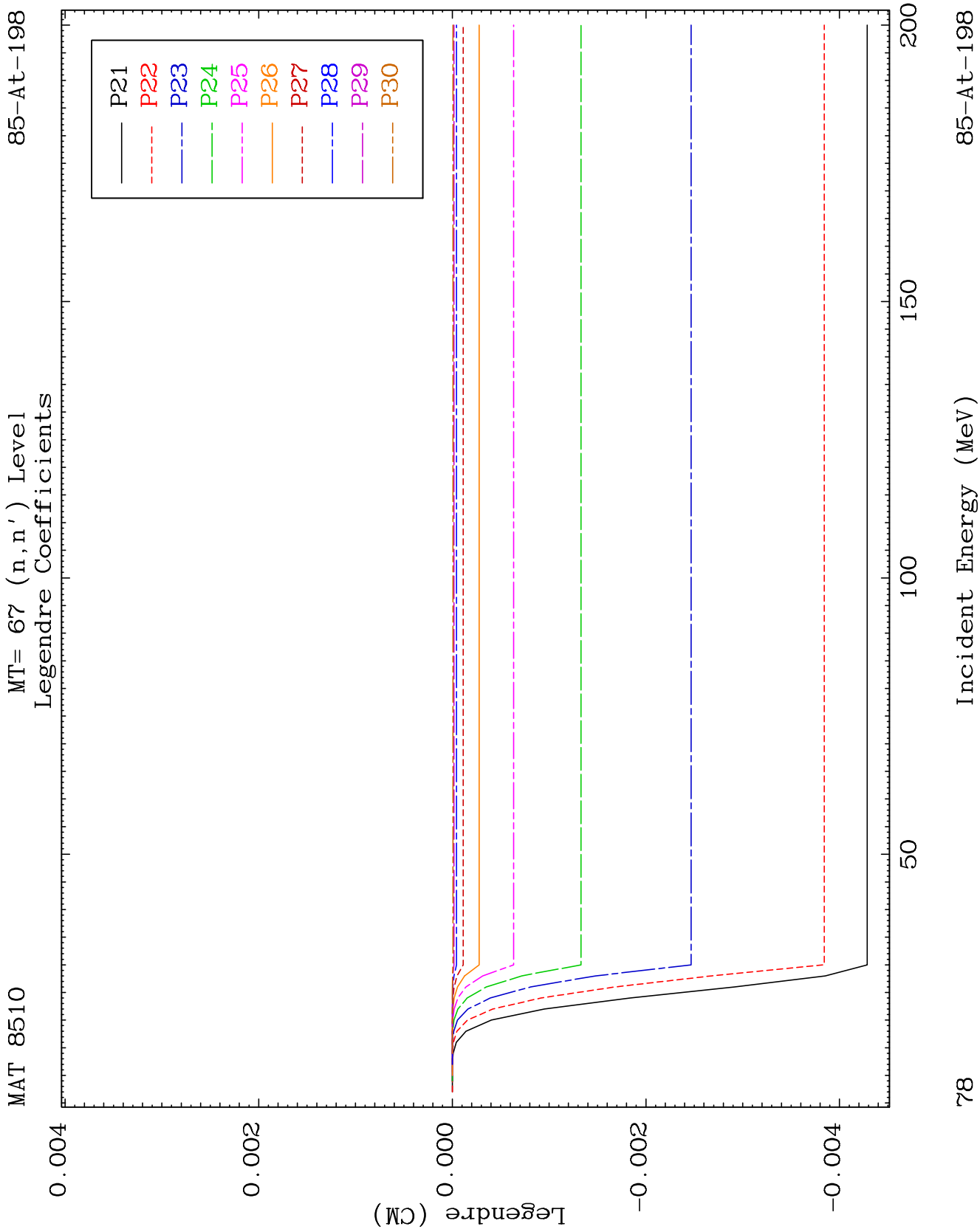


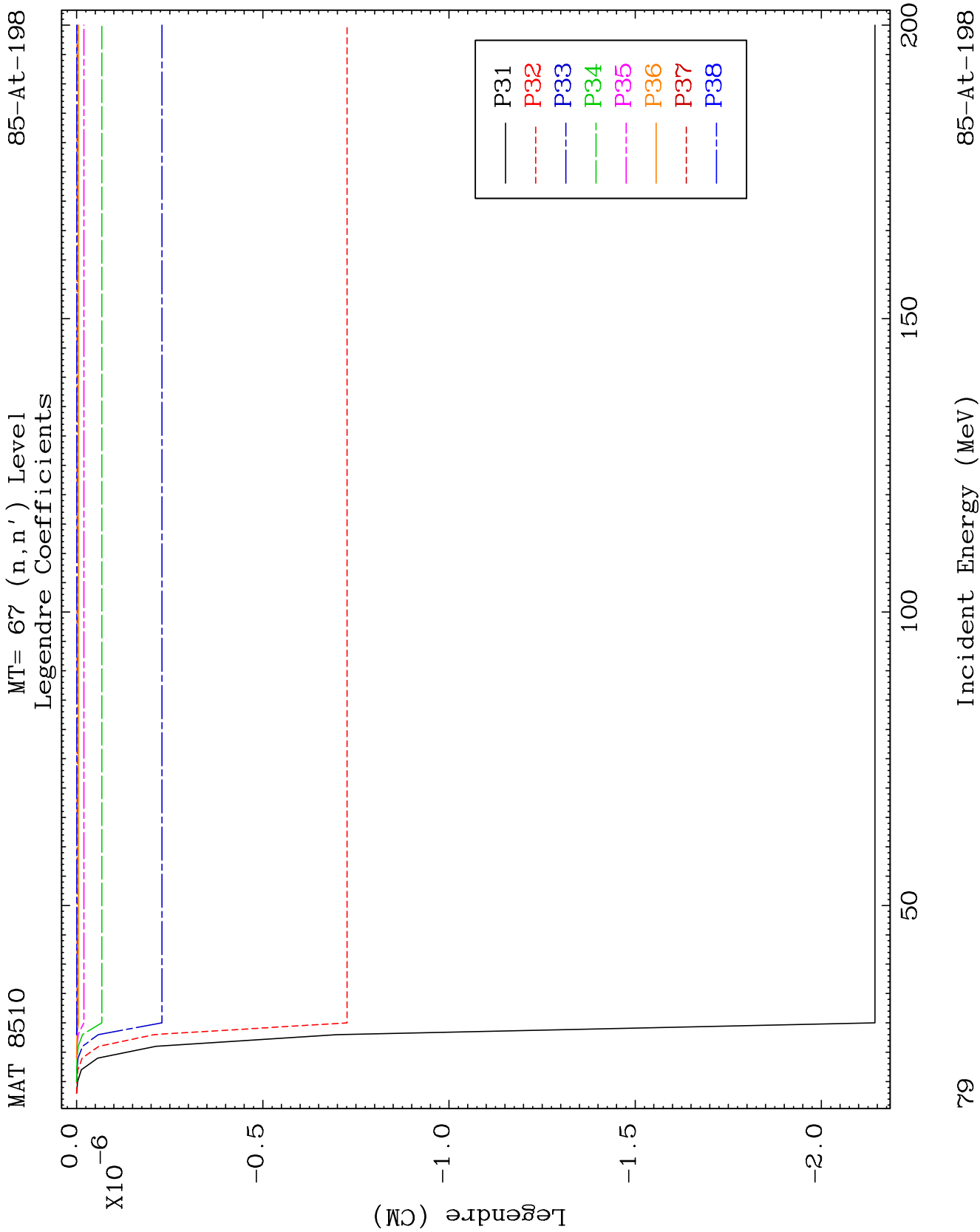










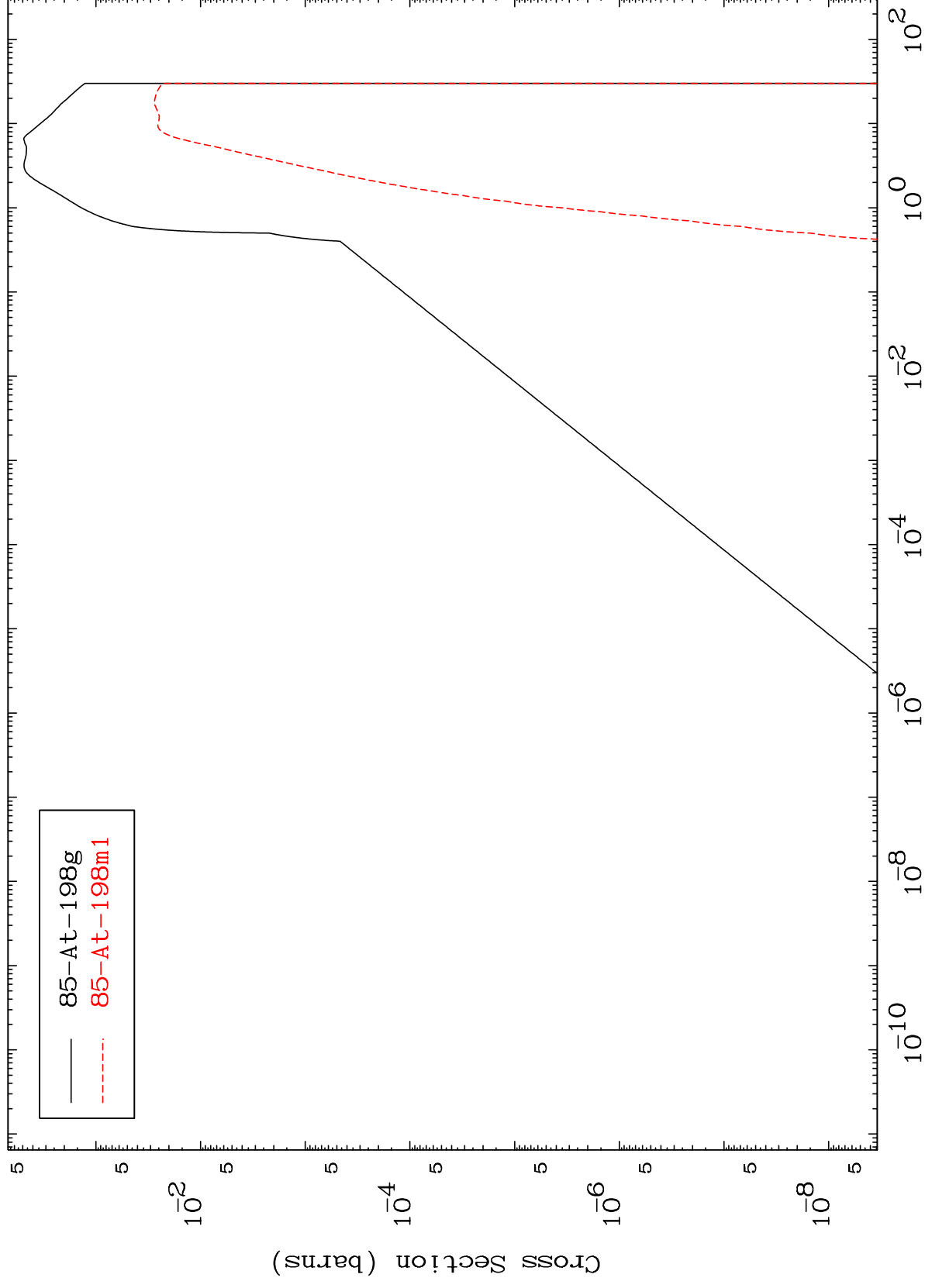


MAT 8510

85-At-198

Inelastic

Radionuclide Production Cross Section

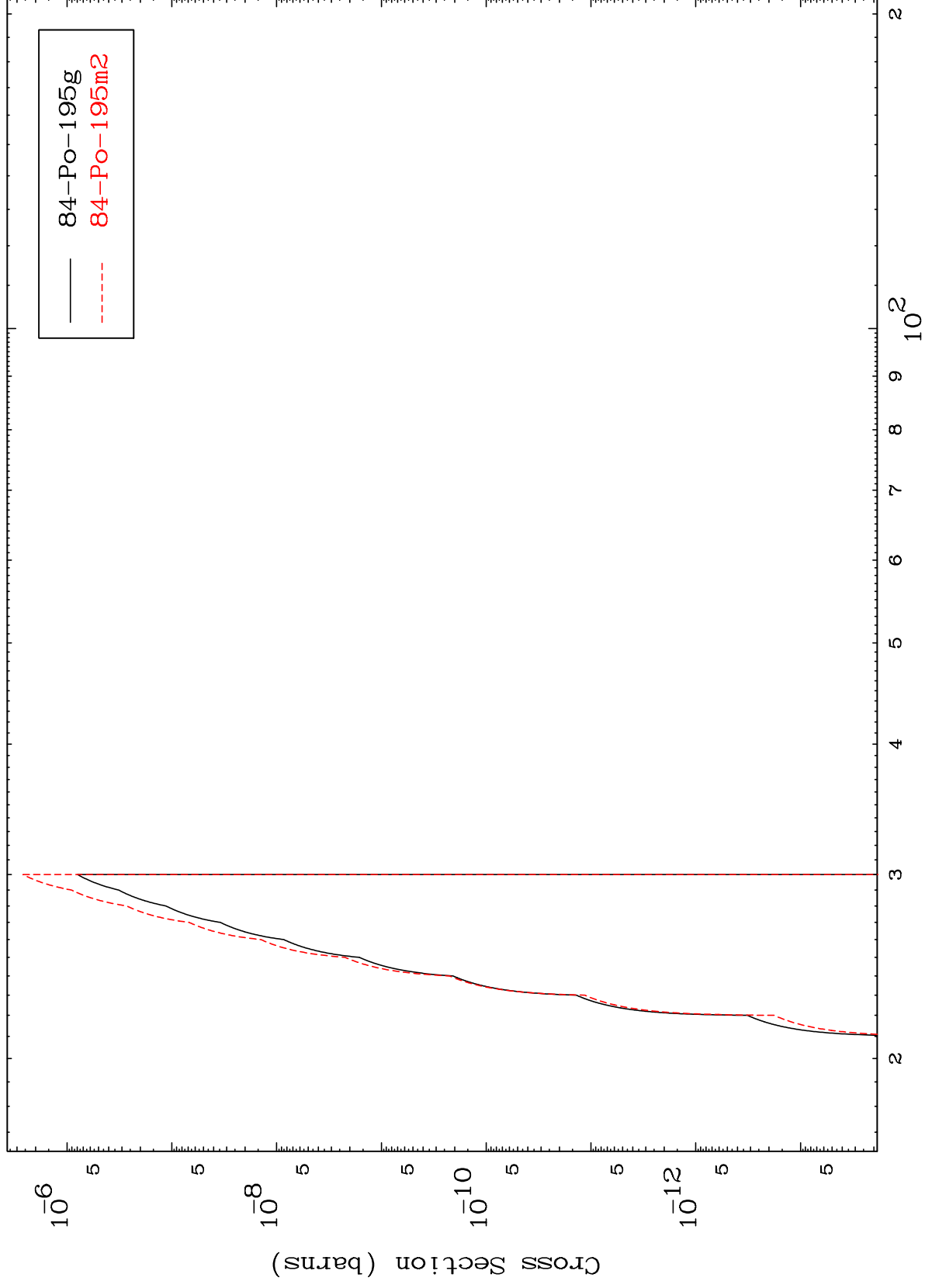


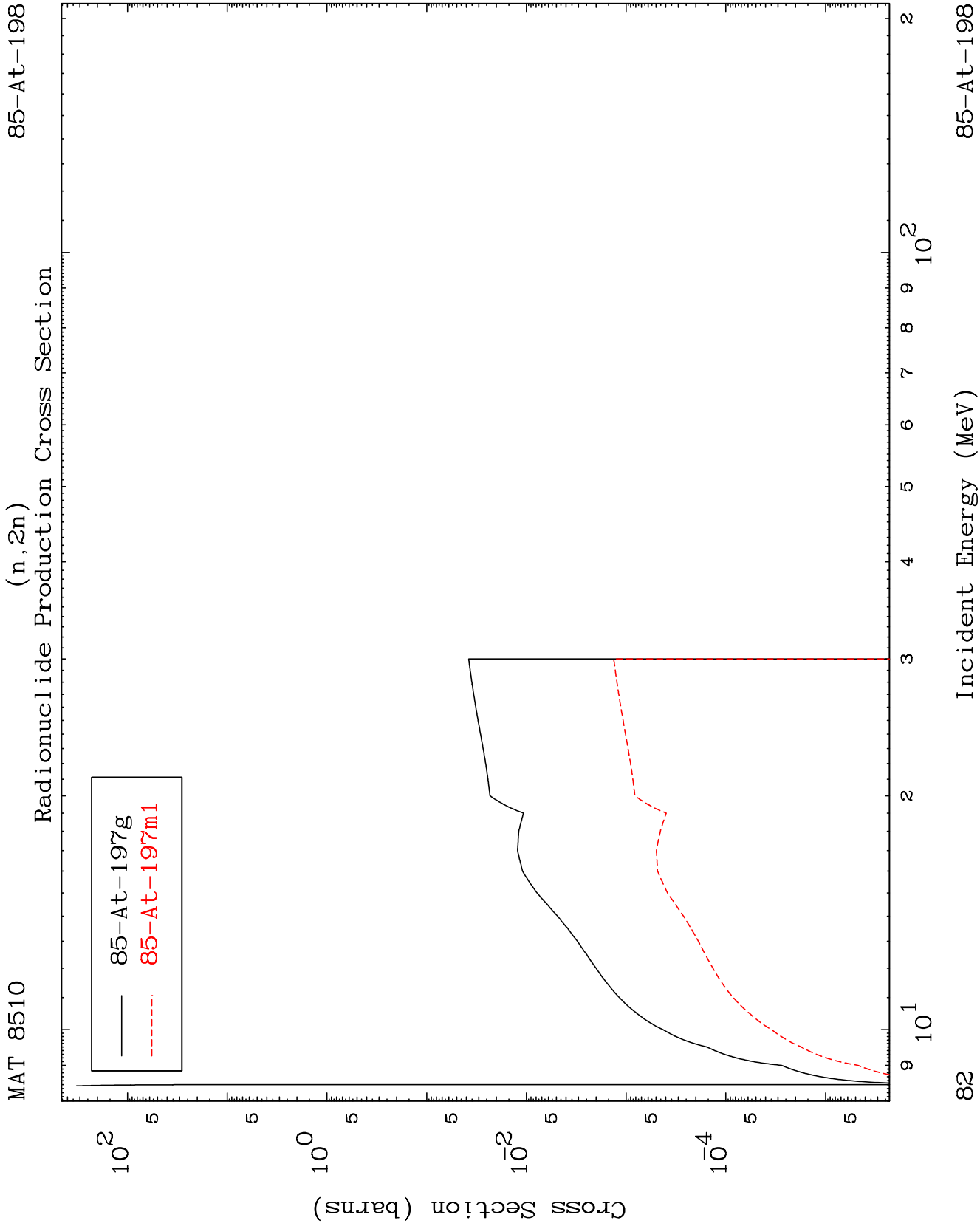
30

Incident Energy (MeV)

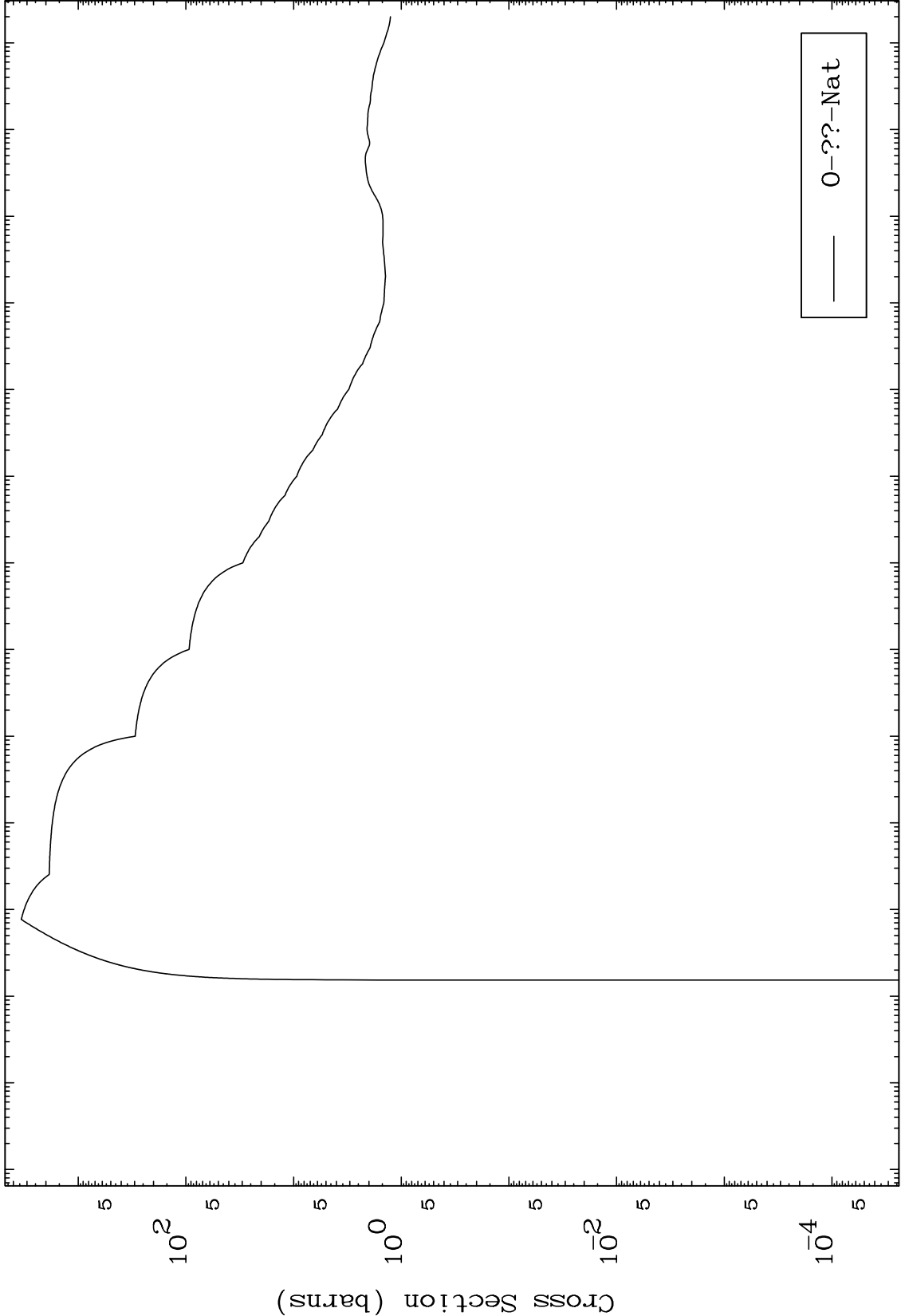
85-At-198

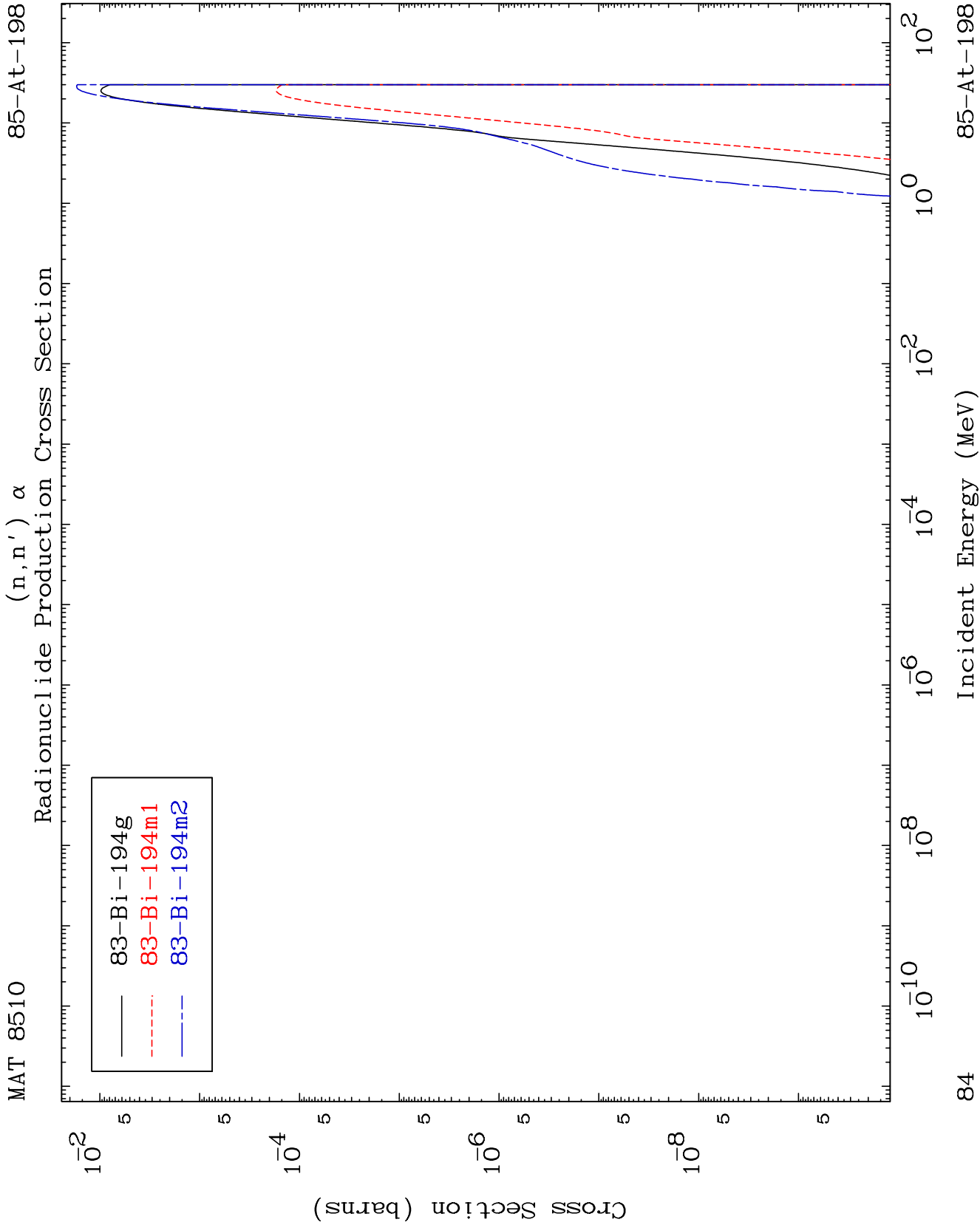
(n,2n) d
Radionuclide Production Cross Section

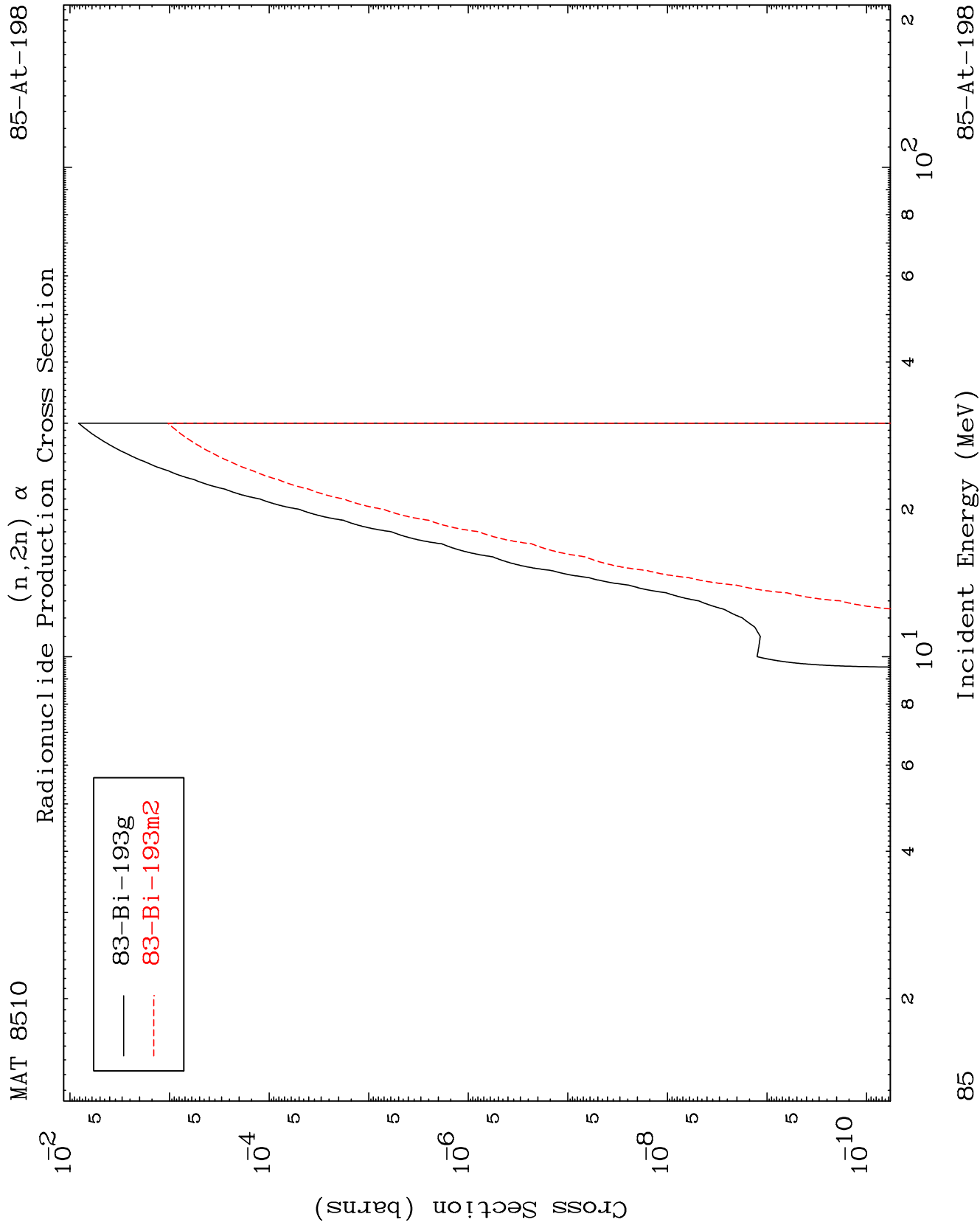




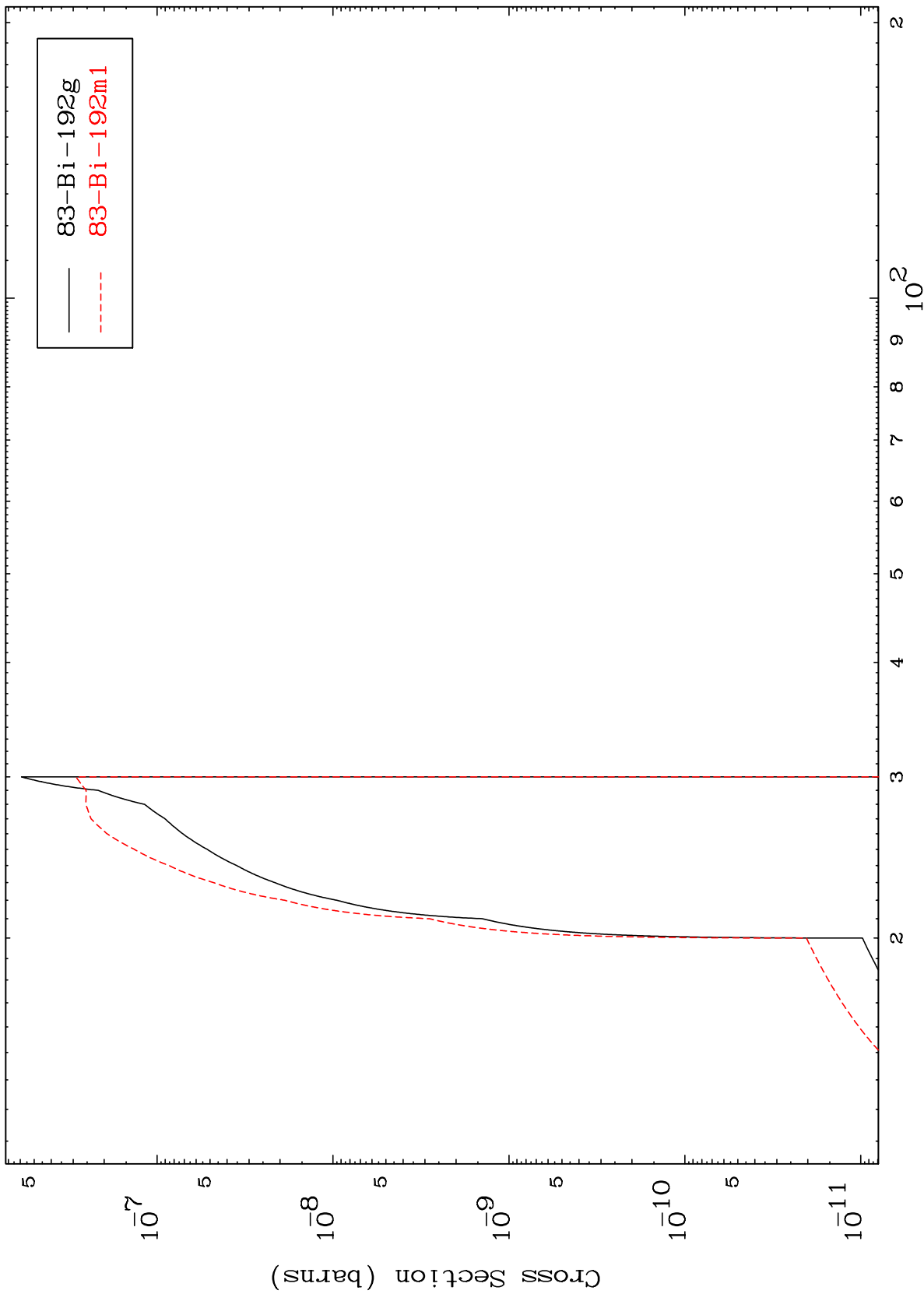
Fission
Radionuclide Production Cross Section







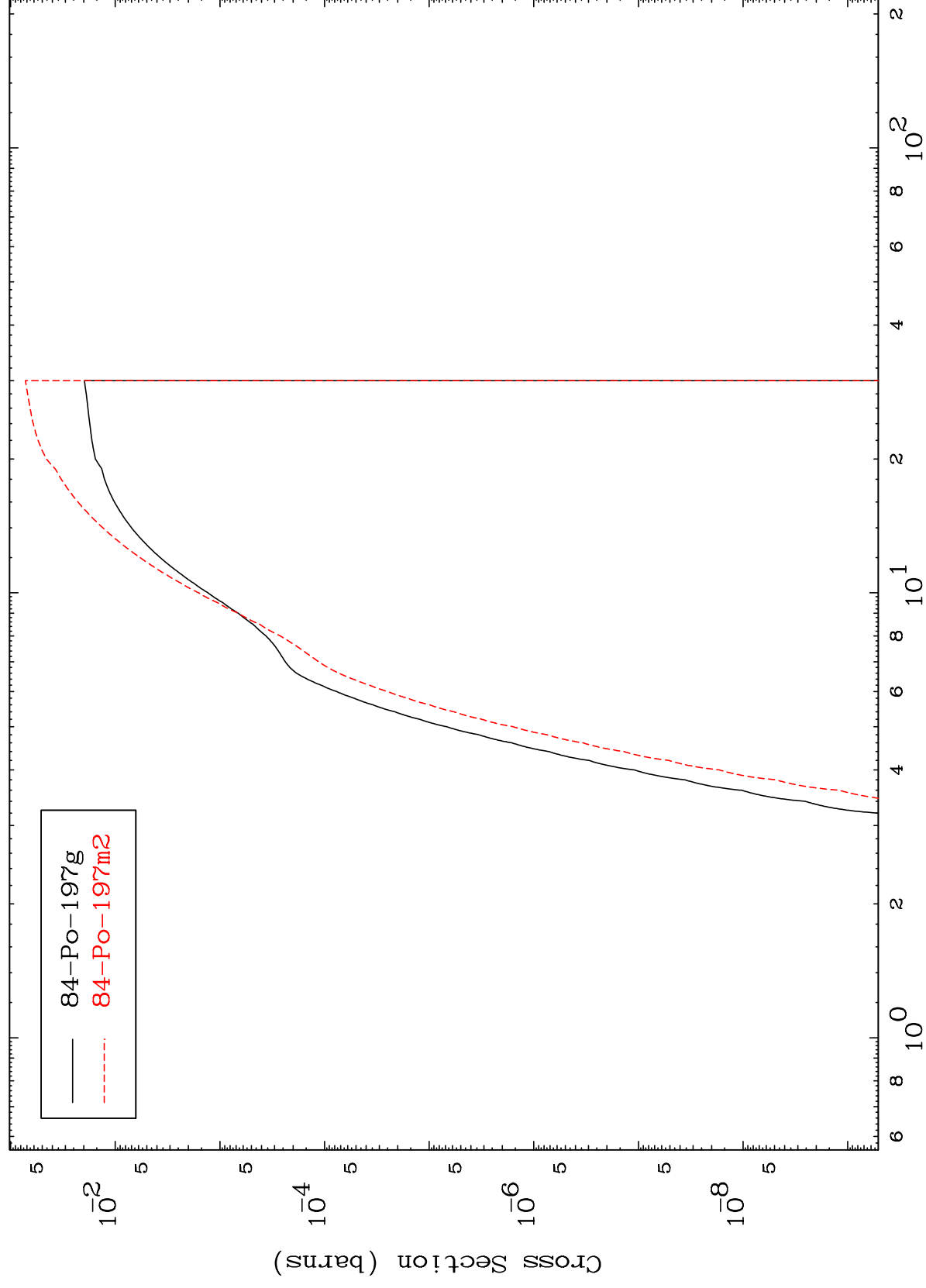
Radionuclide Production Cross Section



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85-At-198

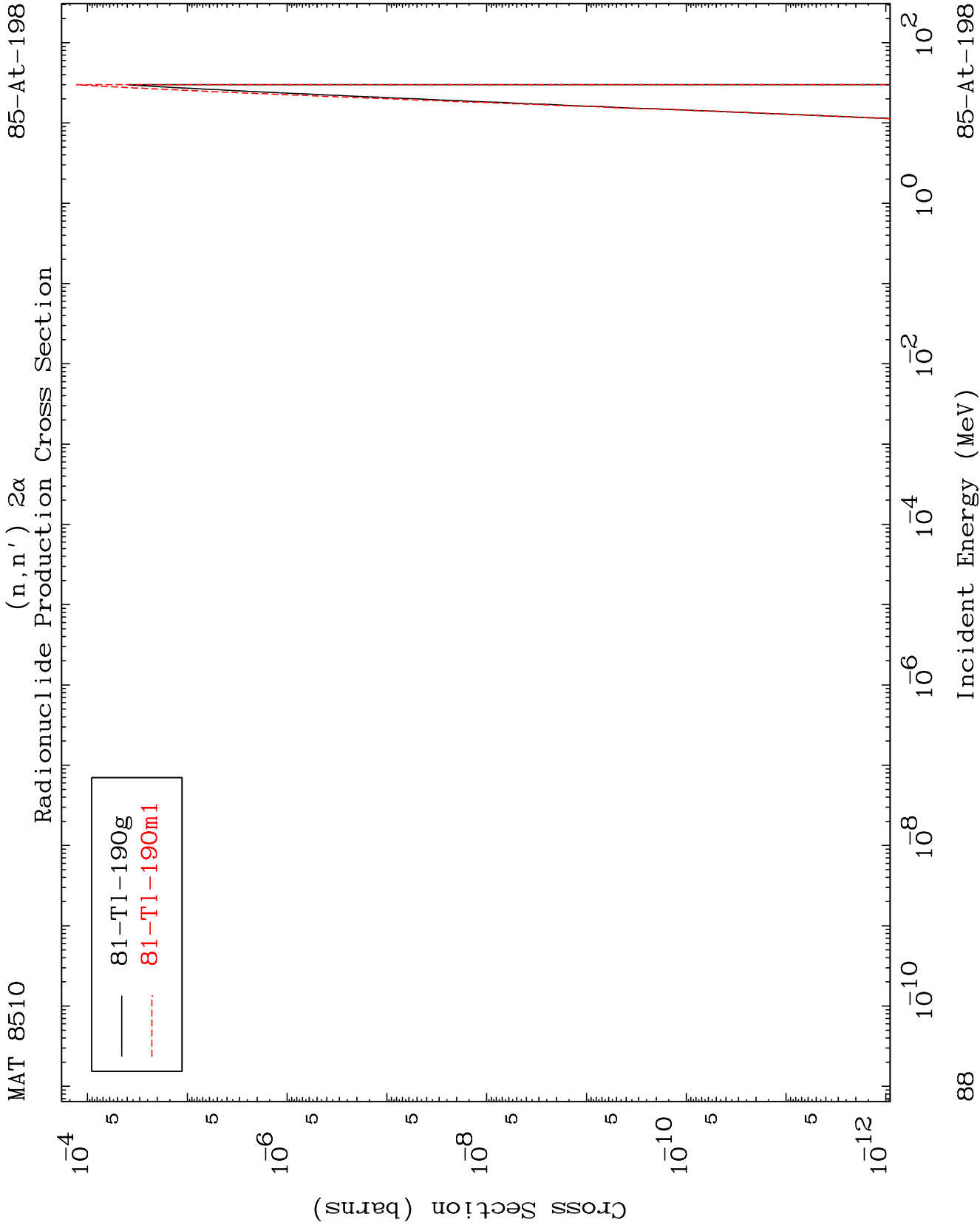
(n, n') p
Radionuclide Production Cross Section

$$(n, n')$$


28

Incident Energy (MeV)

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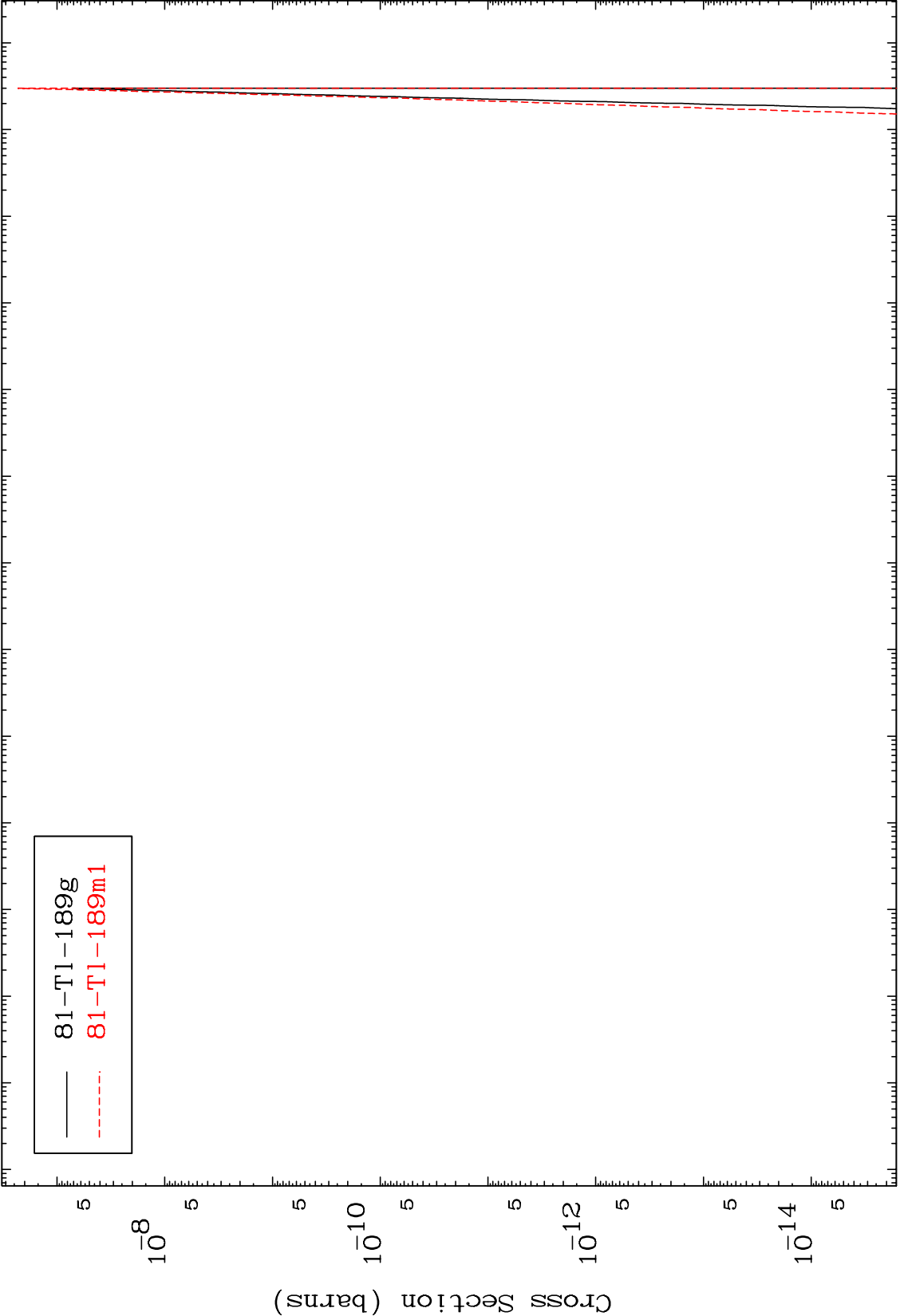
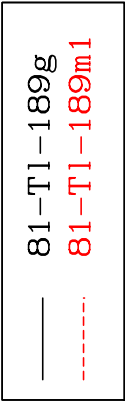


MAT 8510

(n,2n) 2 α

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Radionuclide Production Cross Section



89

Incident Energy (MeV)

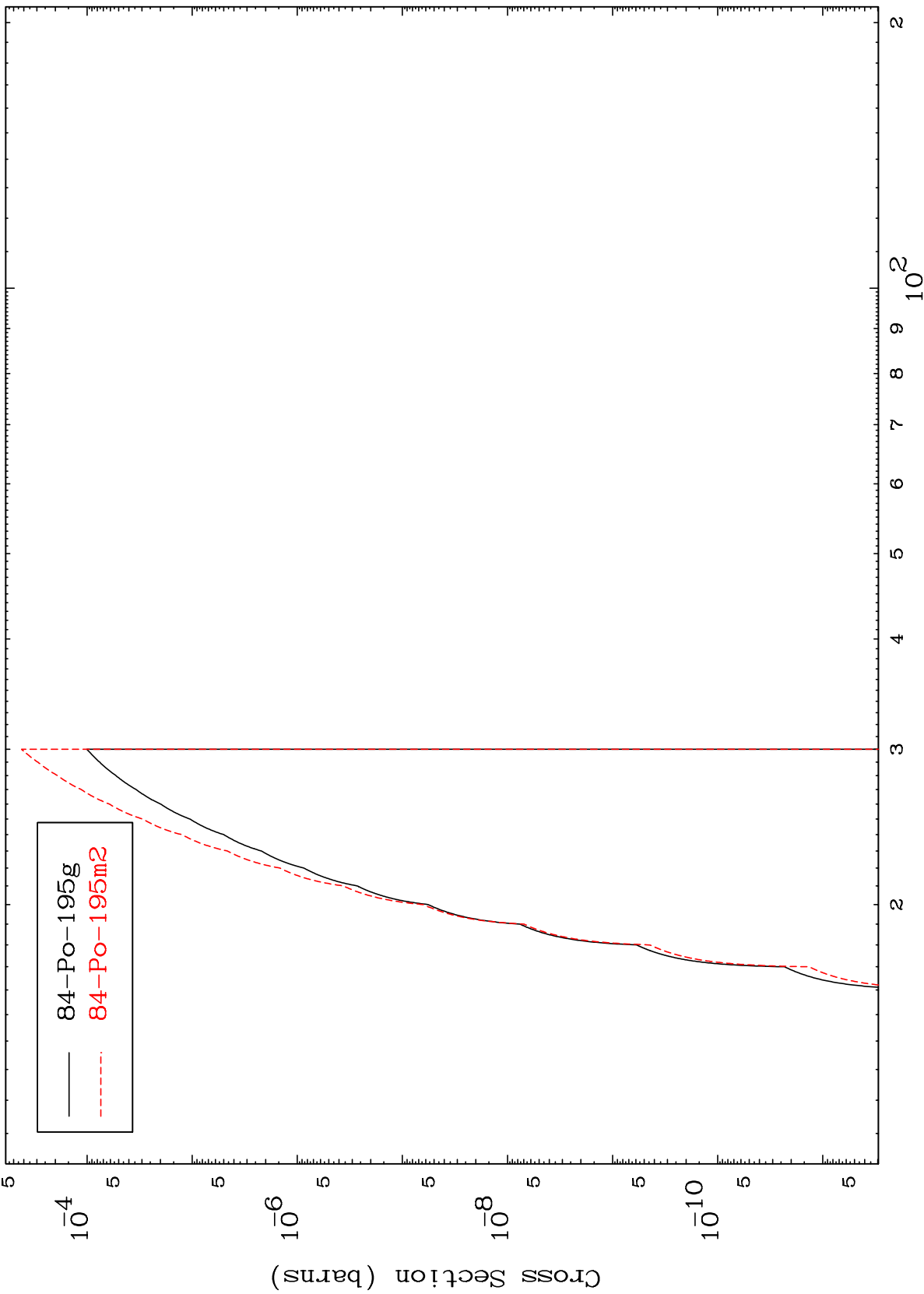
85-At-198

MAT 8510

(n,n') t

85-At-198

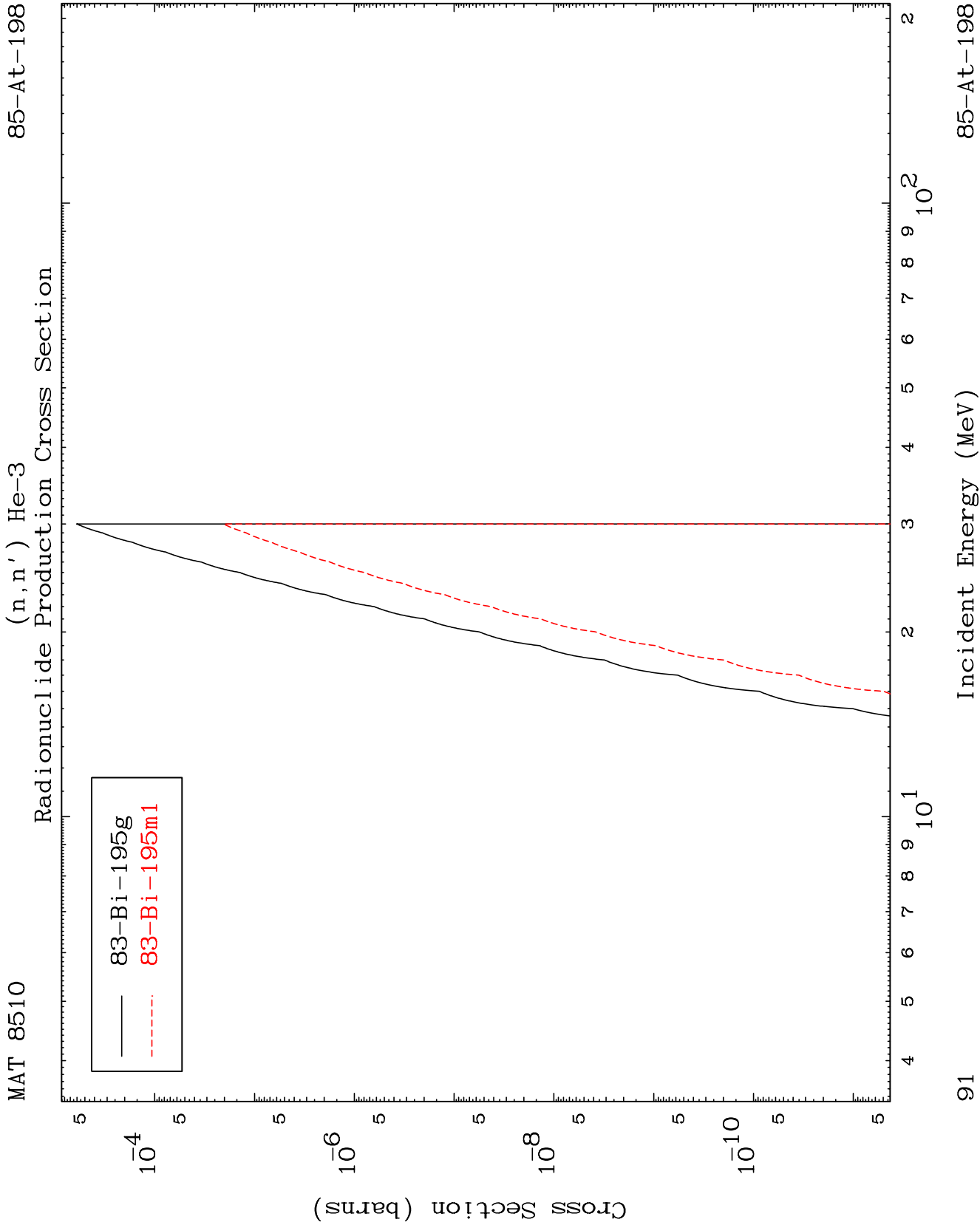
Radionuclide Production Cross Section

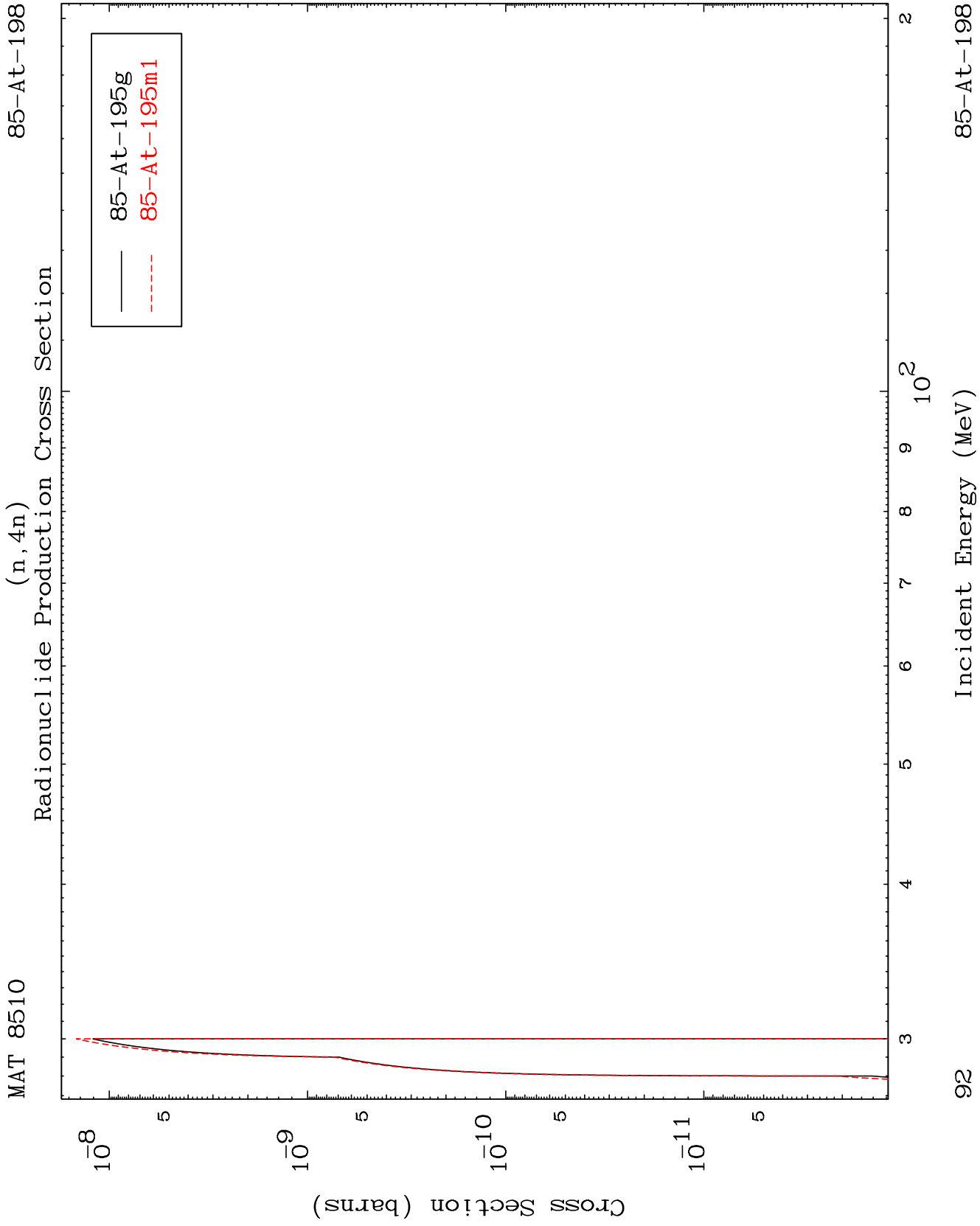


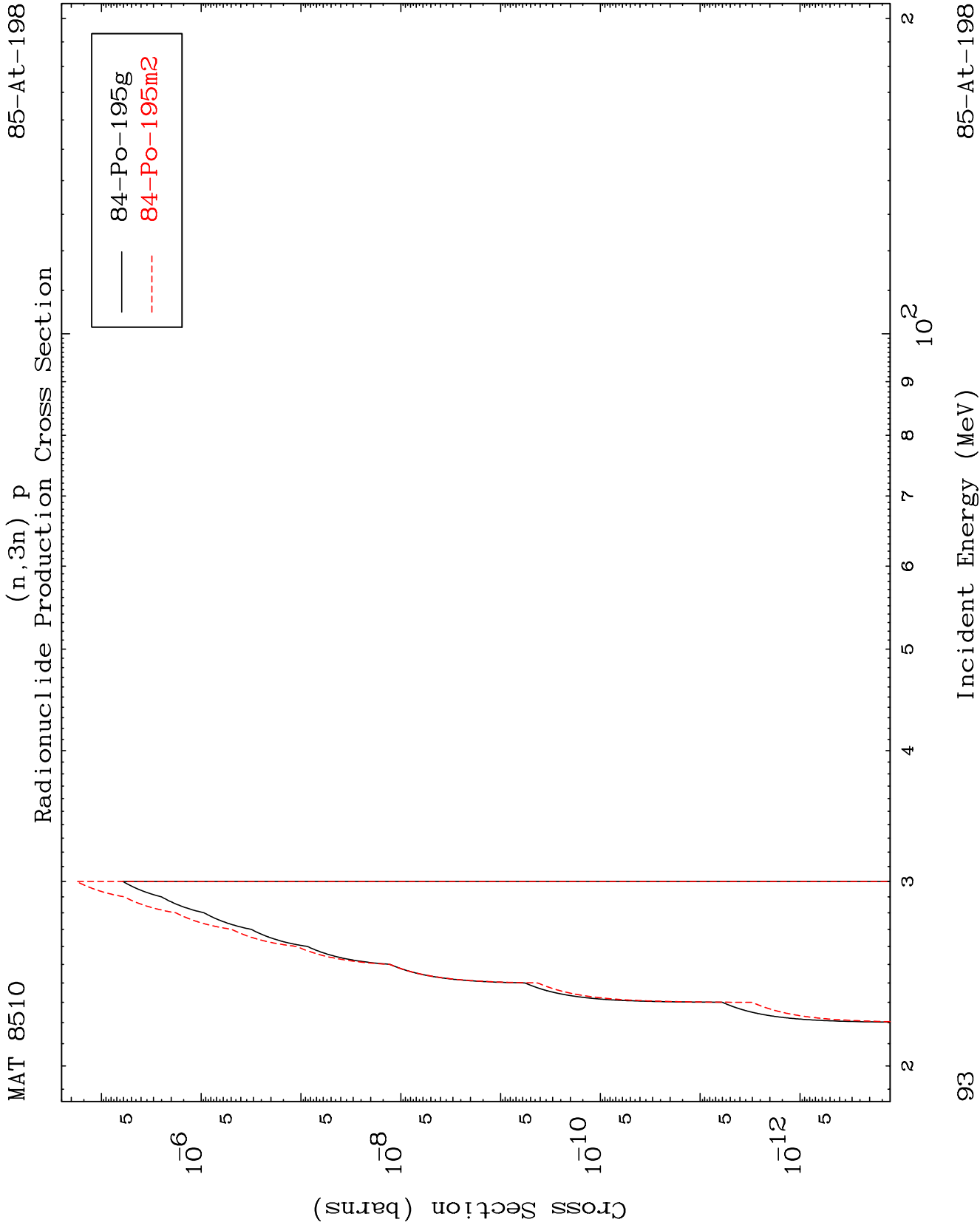
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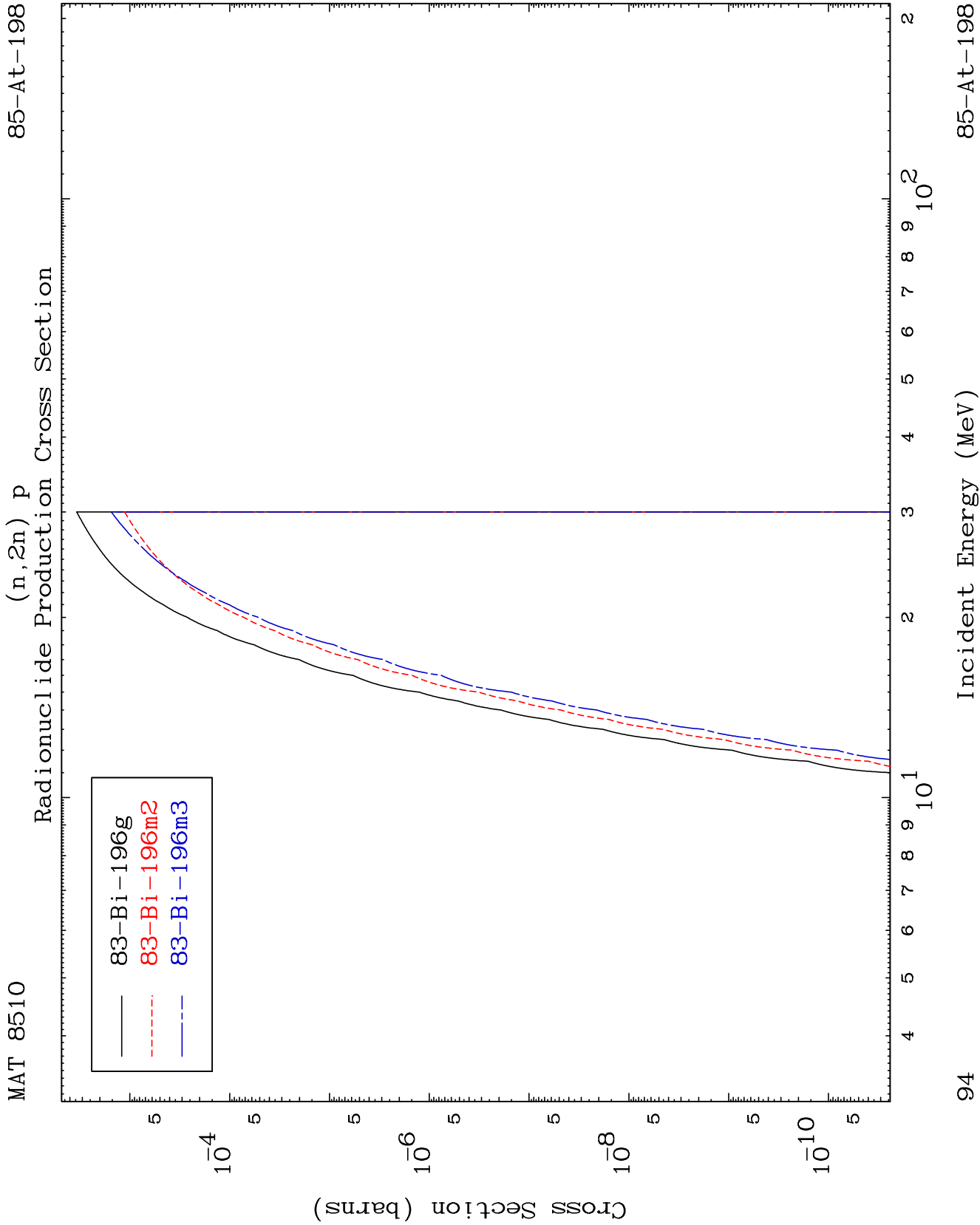
Incident Energy (MeV)

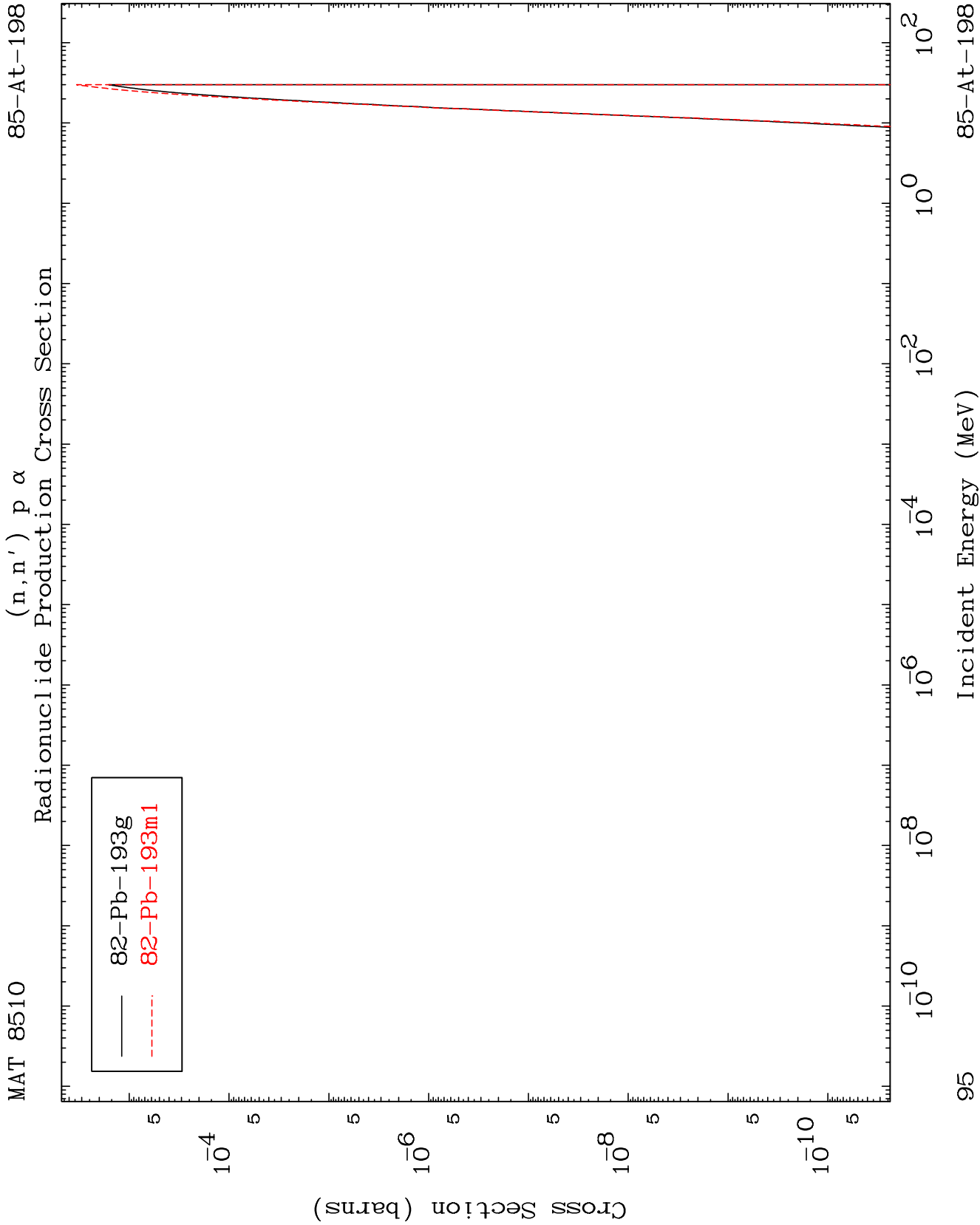
85-At-198







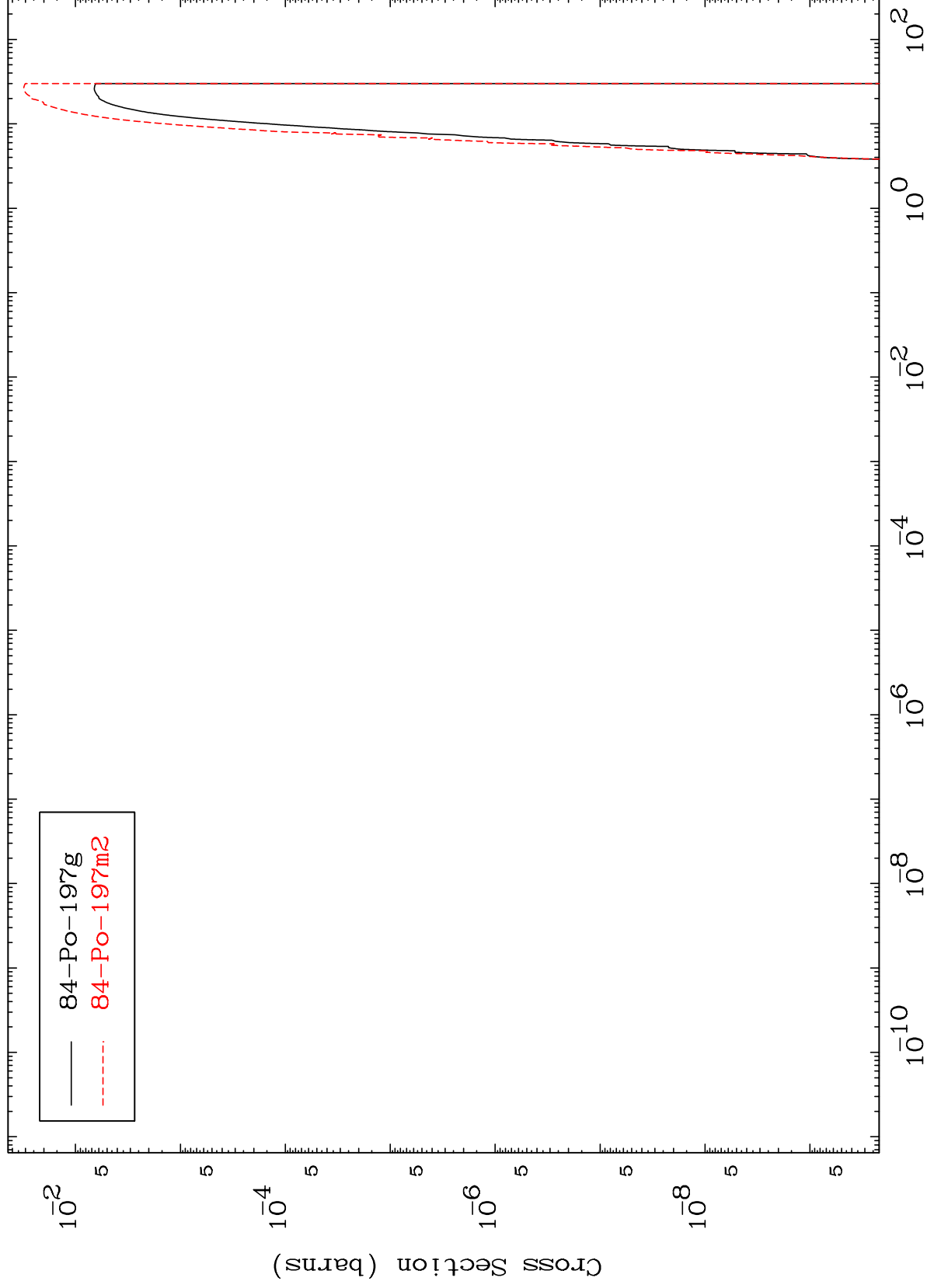




MAT 8510

85-At-198

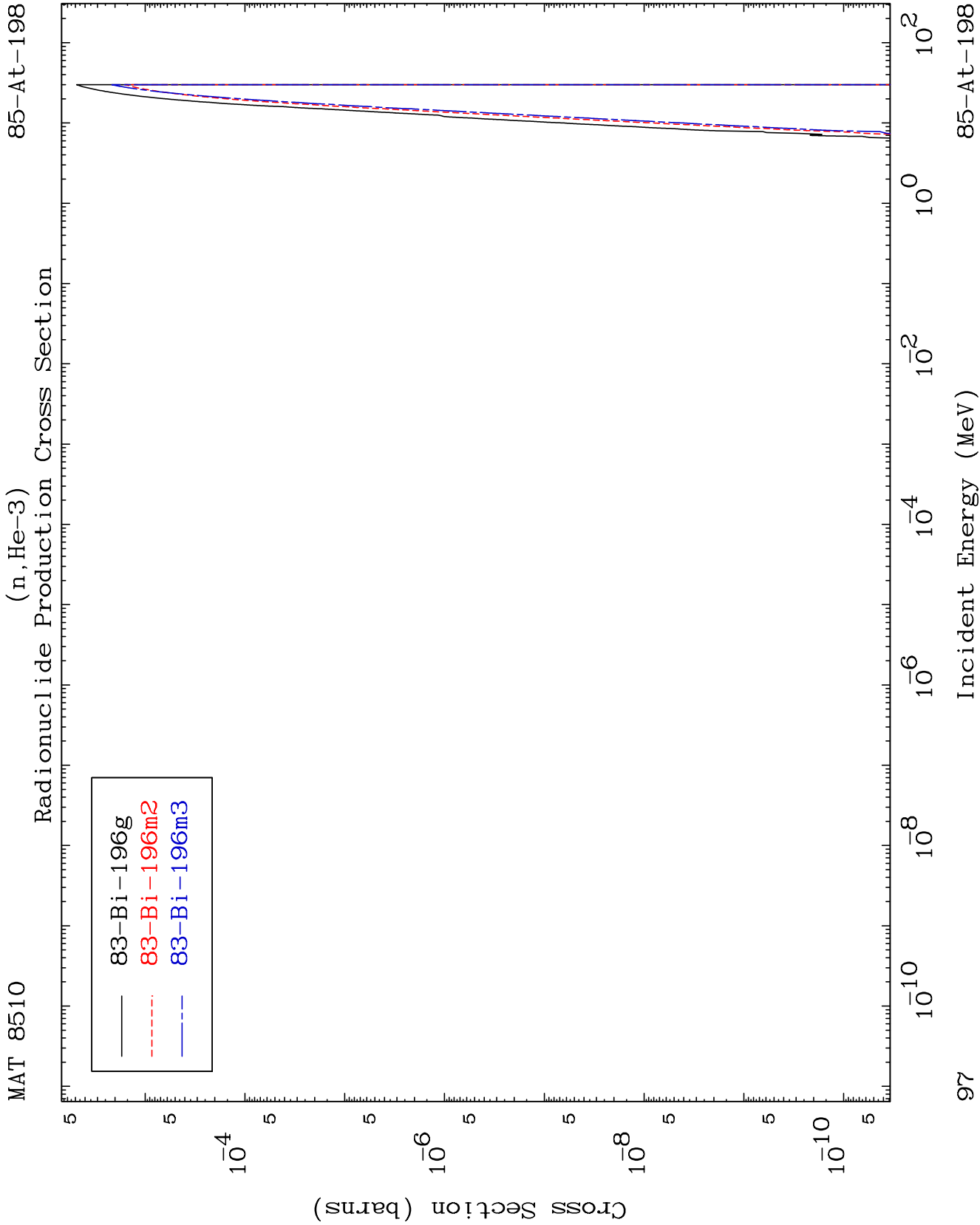
(n,d)
Radionuclide Production Cross Section



96

Incident Energy (MeV)

85-At-198

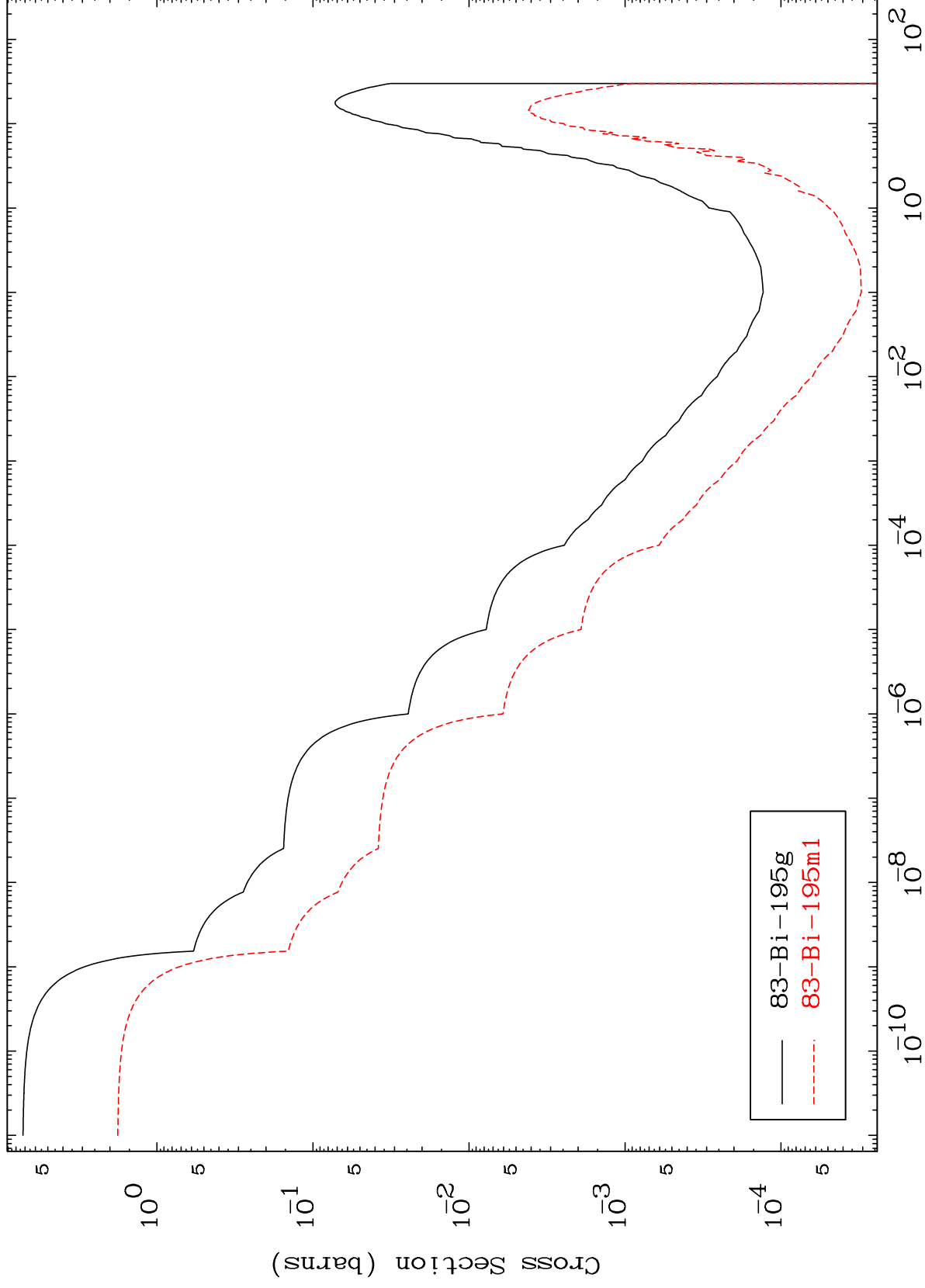


MAT 8510

(n, α)

85-At-198

Radionuclide Production Cross Section



98

Incident Energy (MeV)

85-At-198

