

Program EVALPLOT
(Version 2021-1)

by

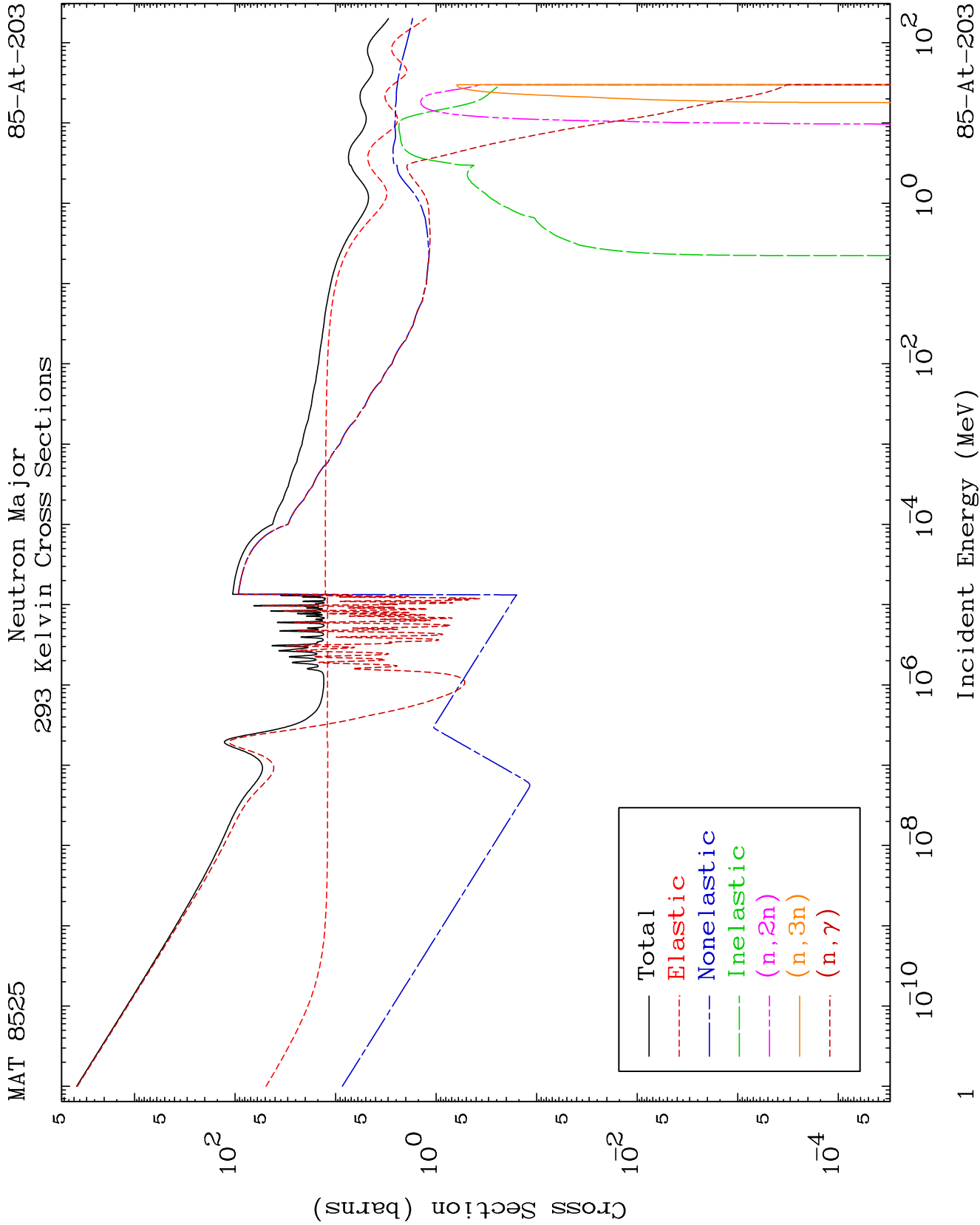
Dermott E. Cullen
(Present Contact Information)

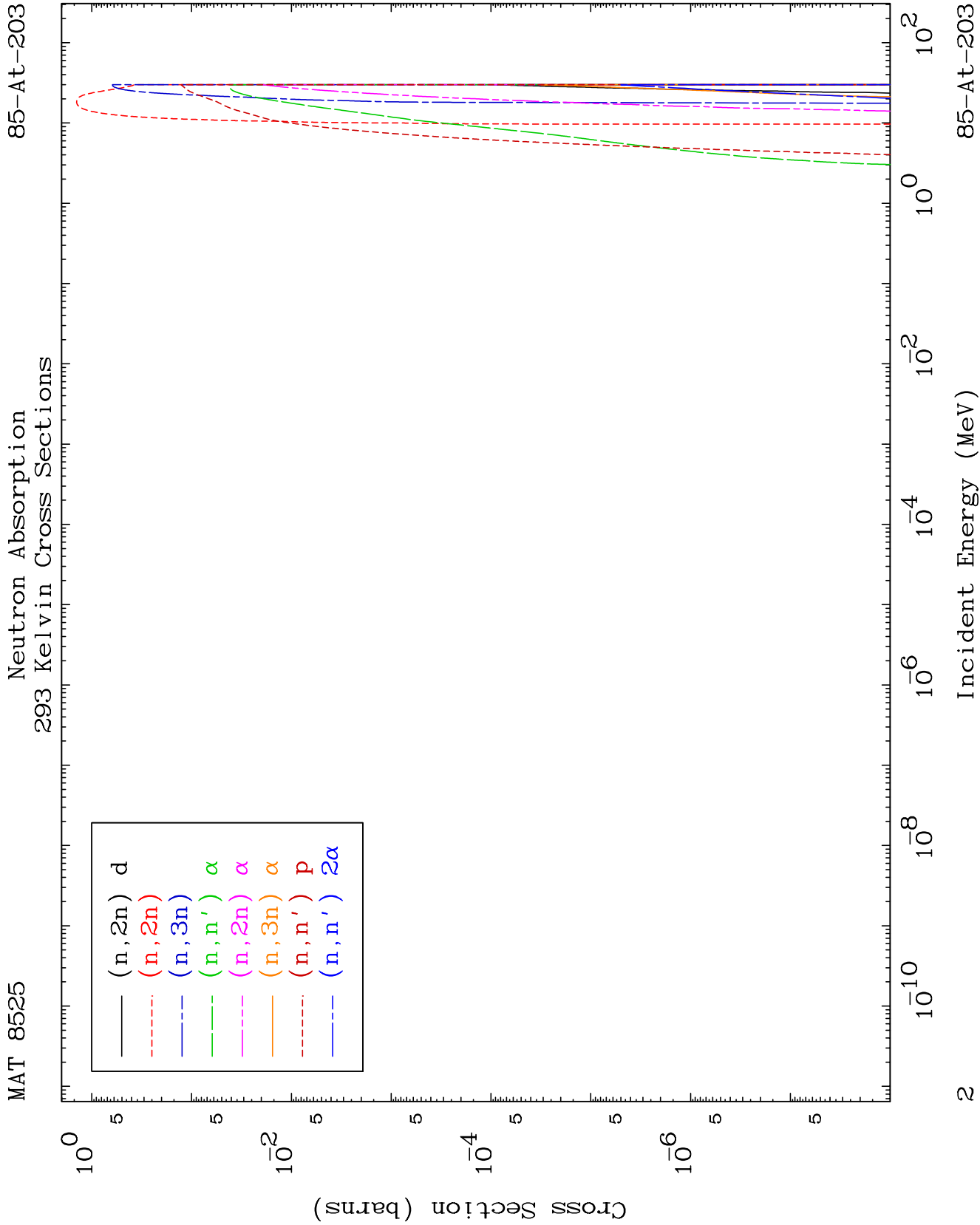
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

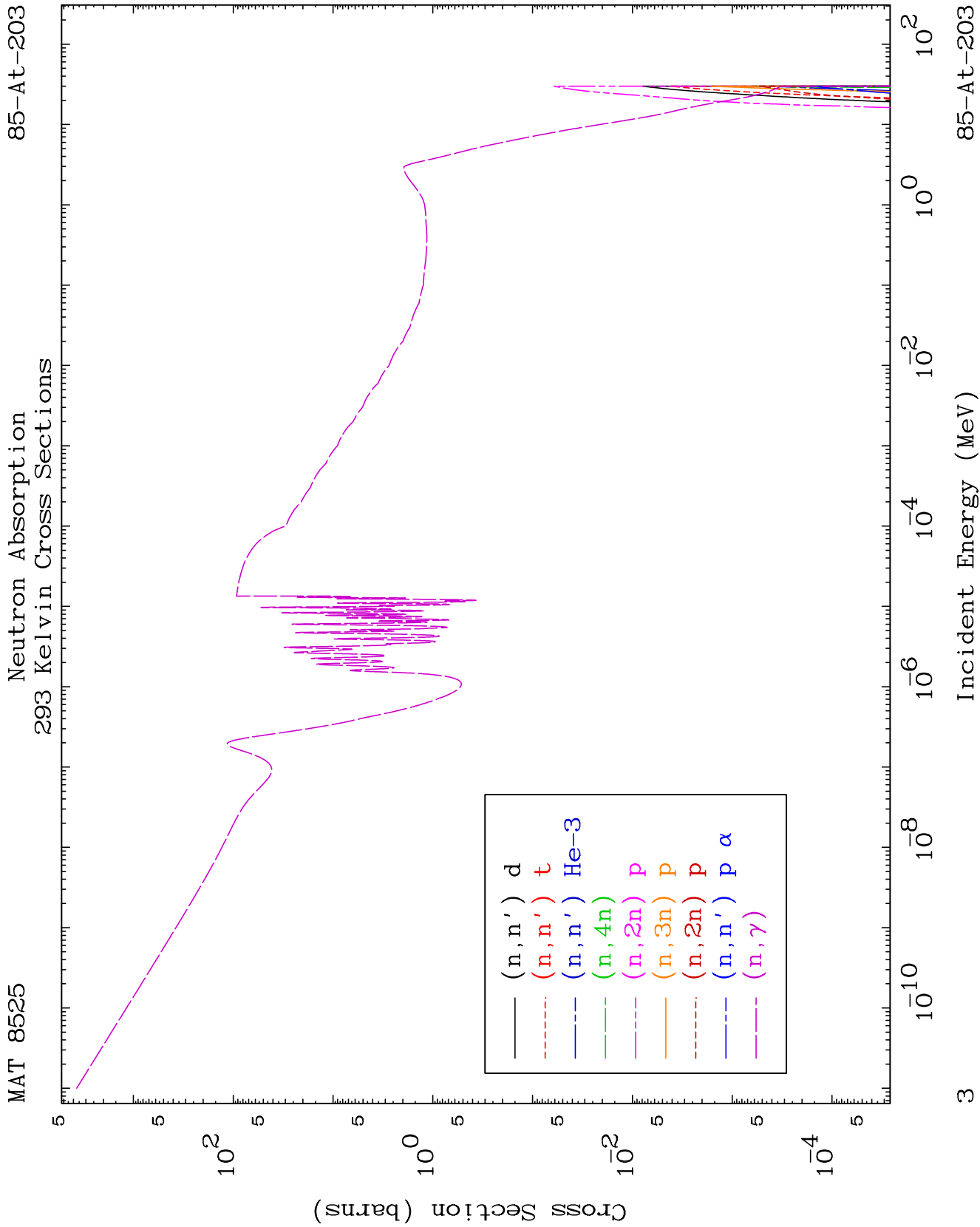
Tele: 925-443-1911

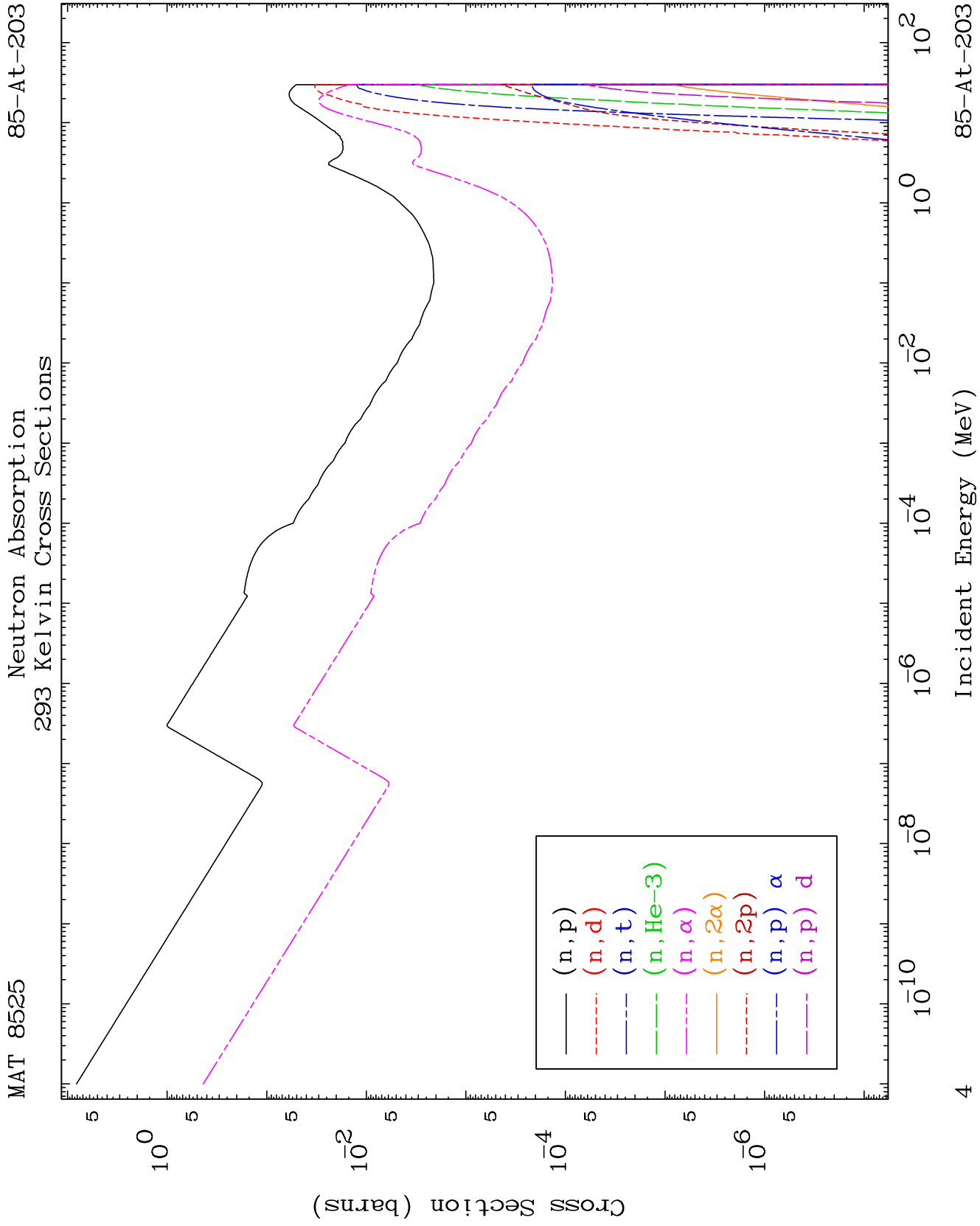
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





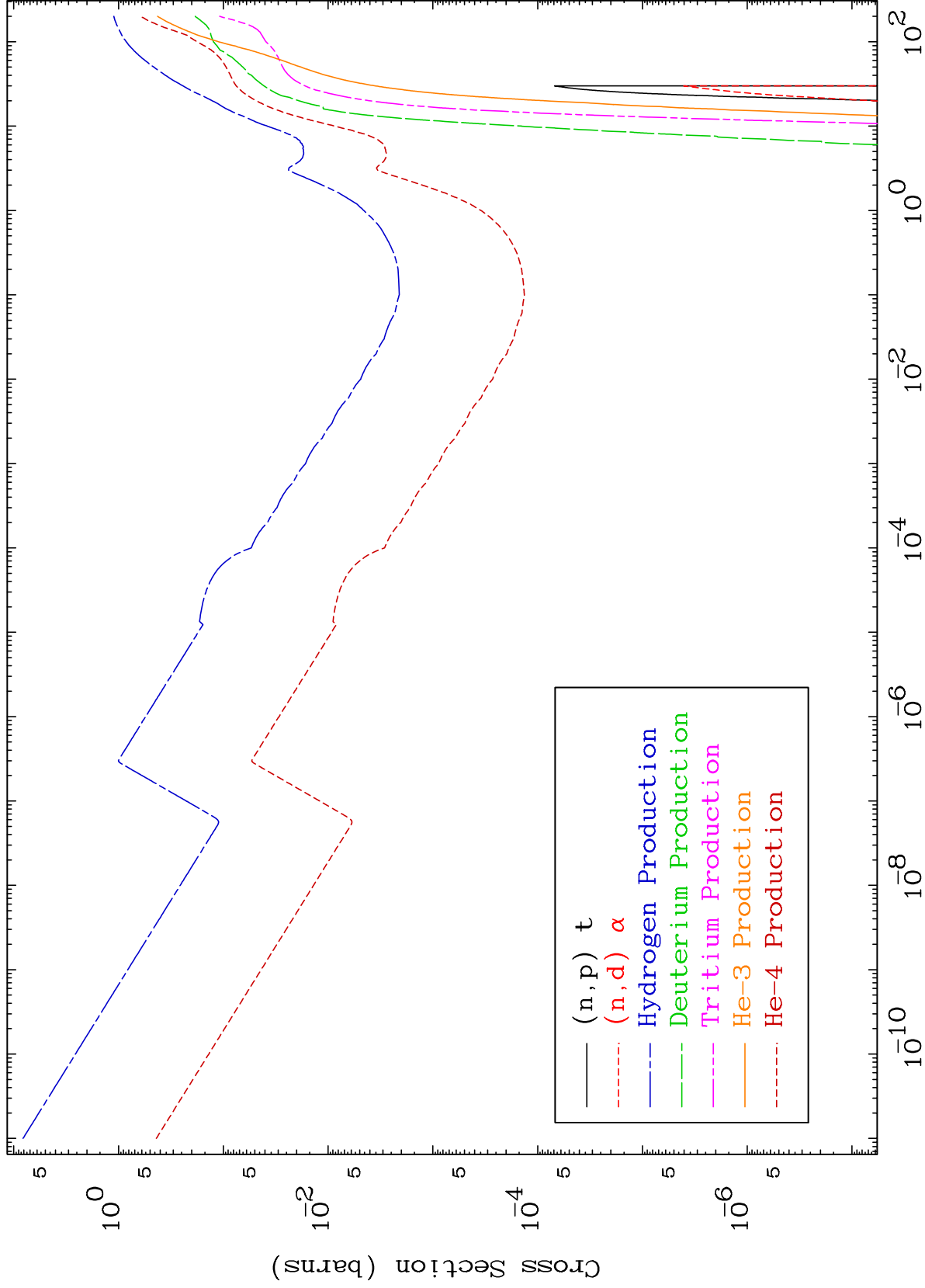




MAT 8525

Neutron Absorption
293 Kelvin Cross Sections

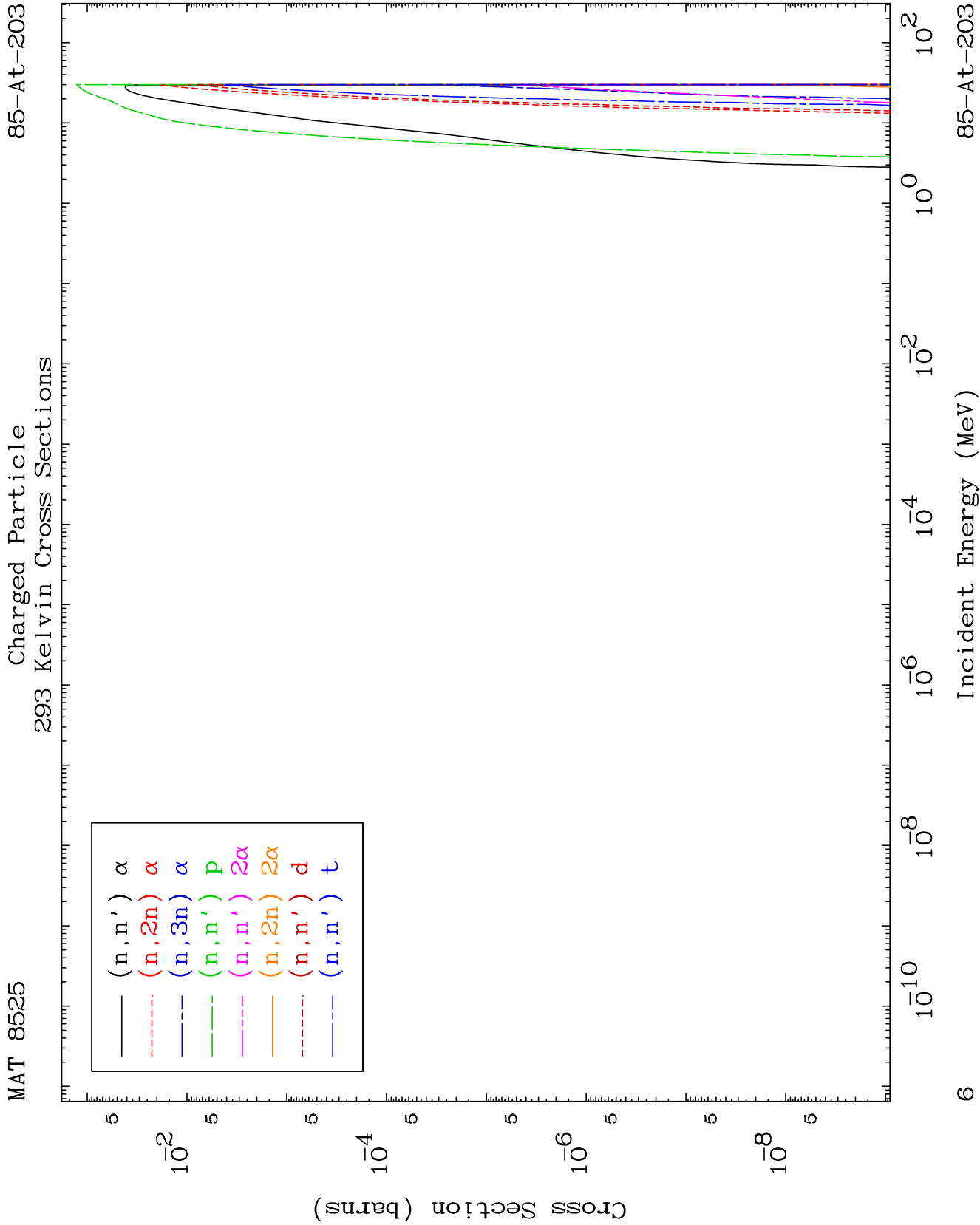
85-At-203

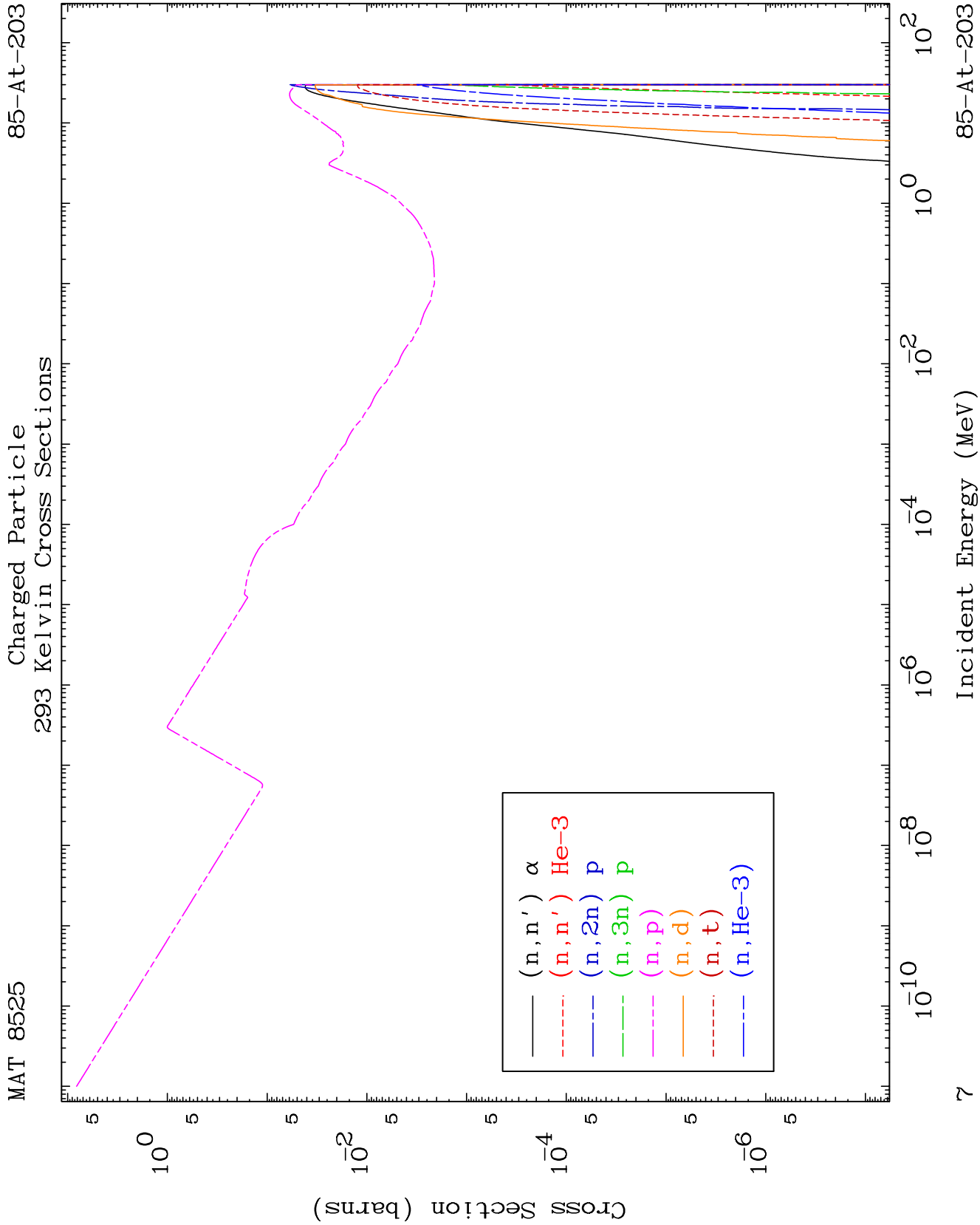


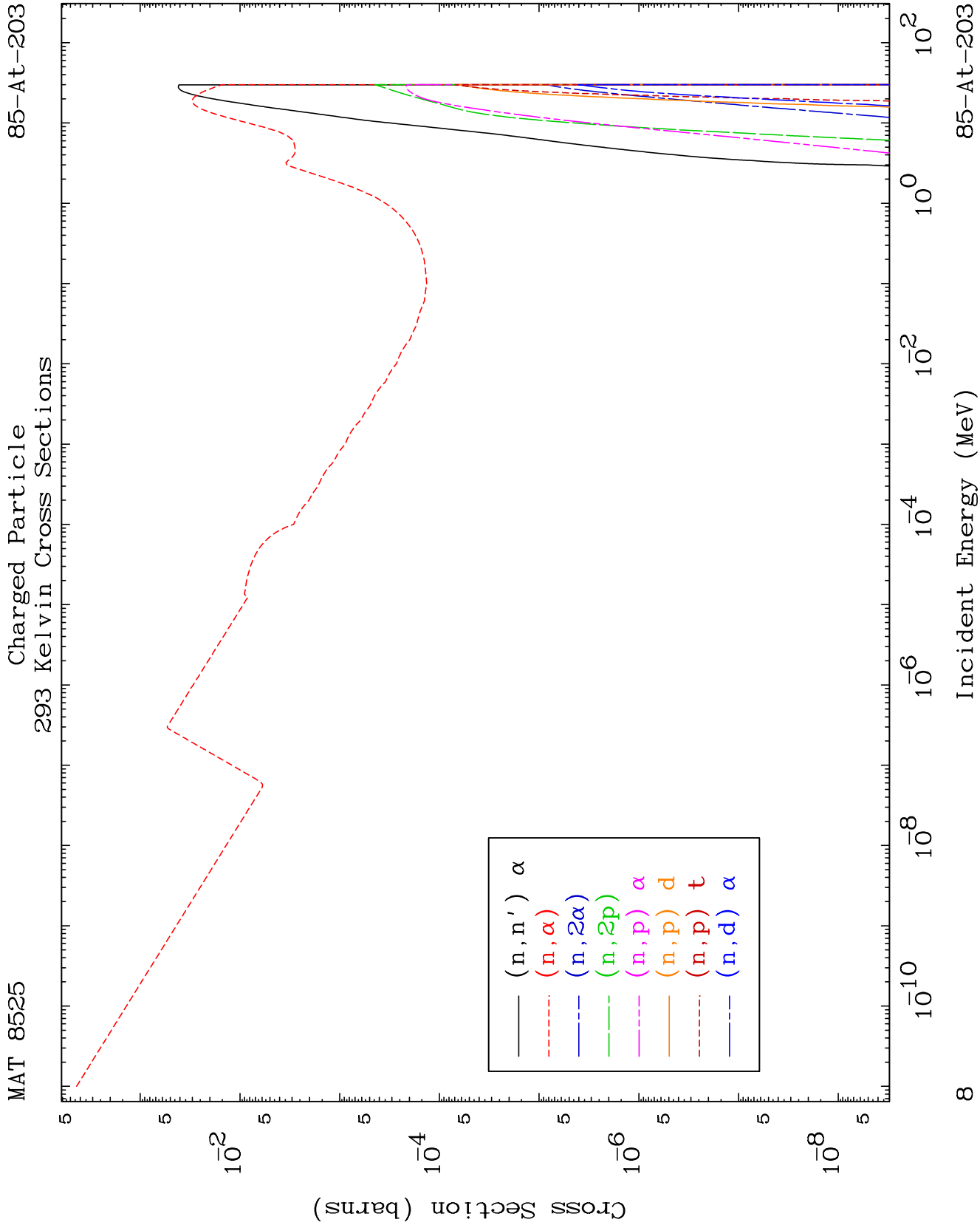
5

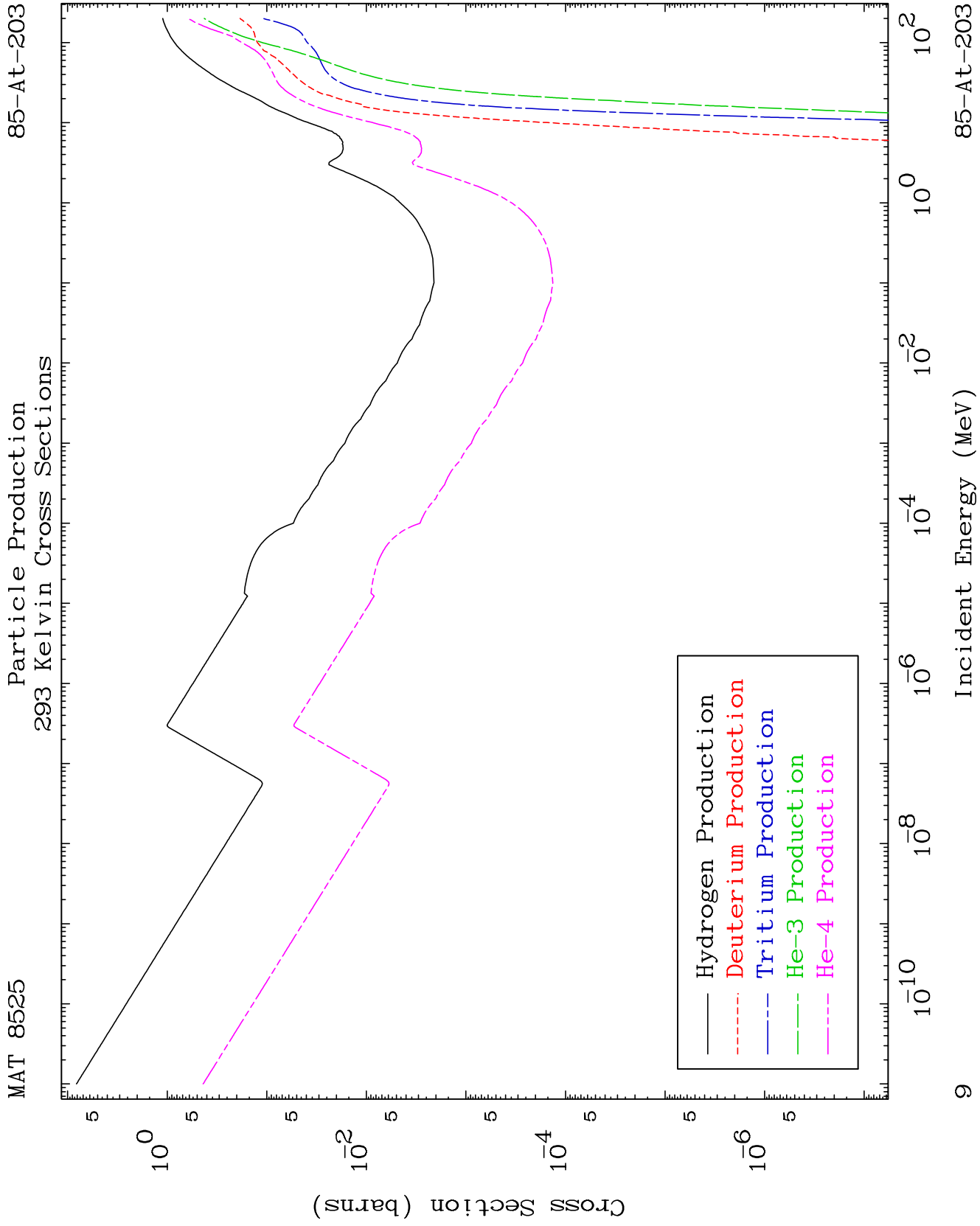
Incident Energy (MeV)

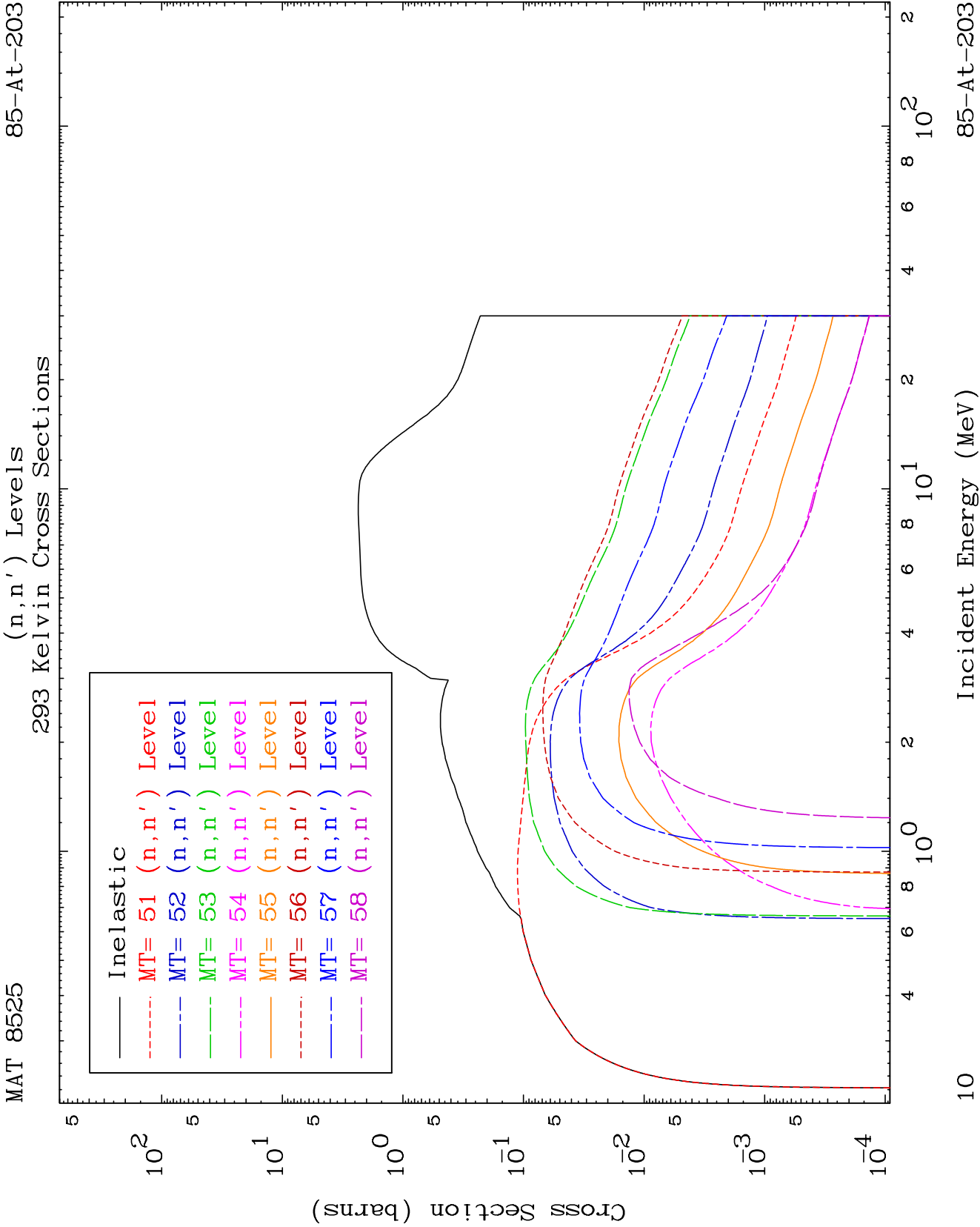
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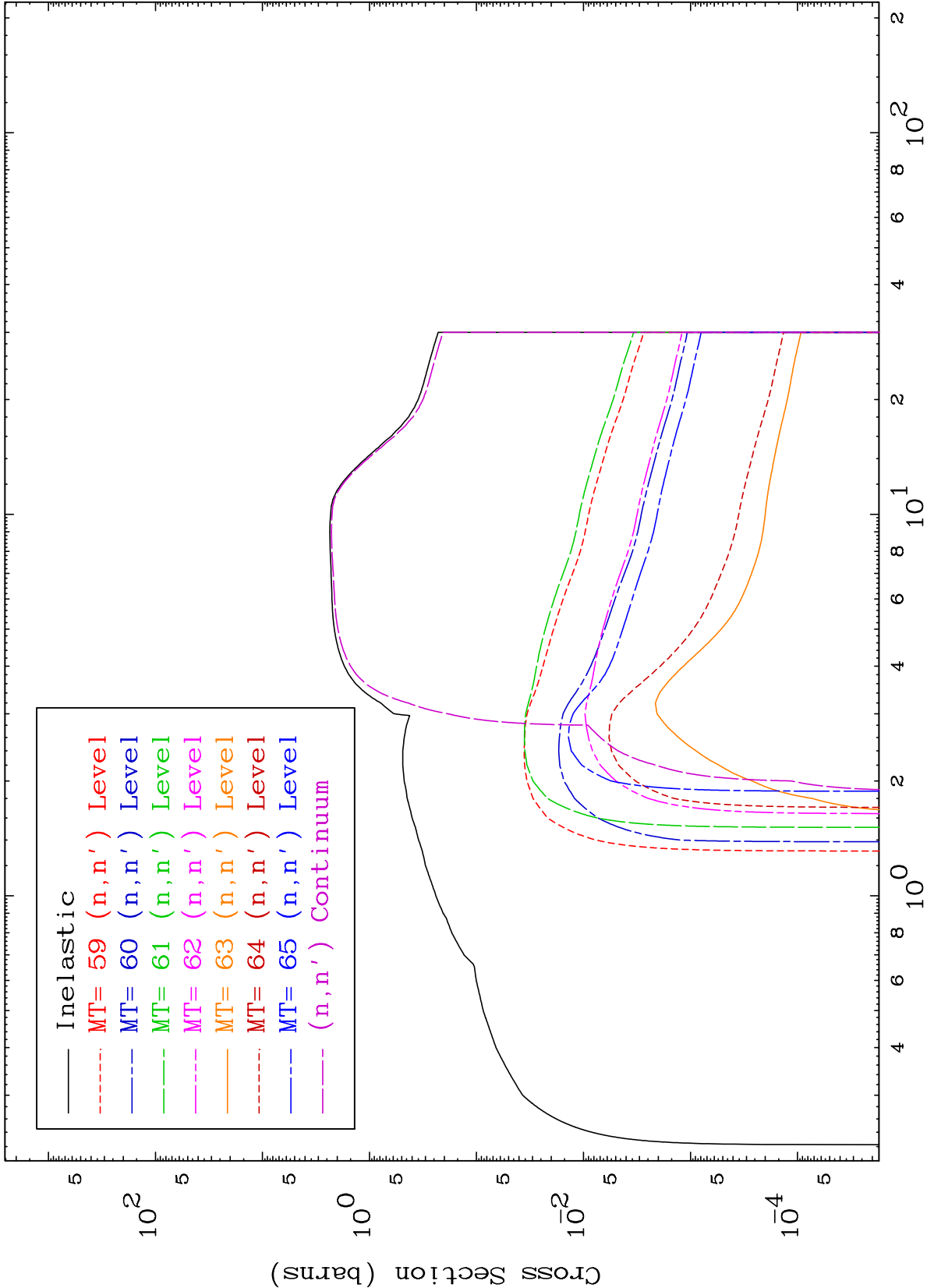








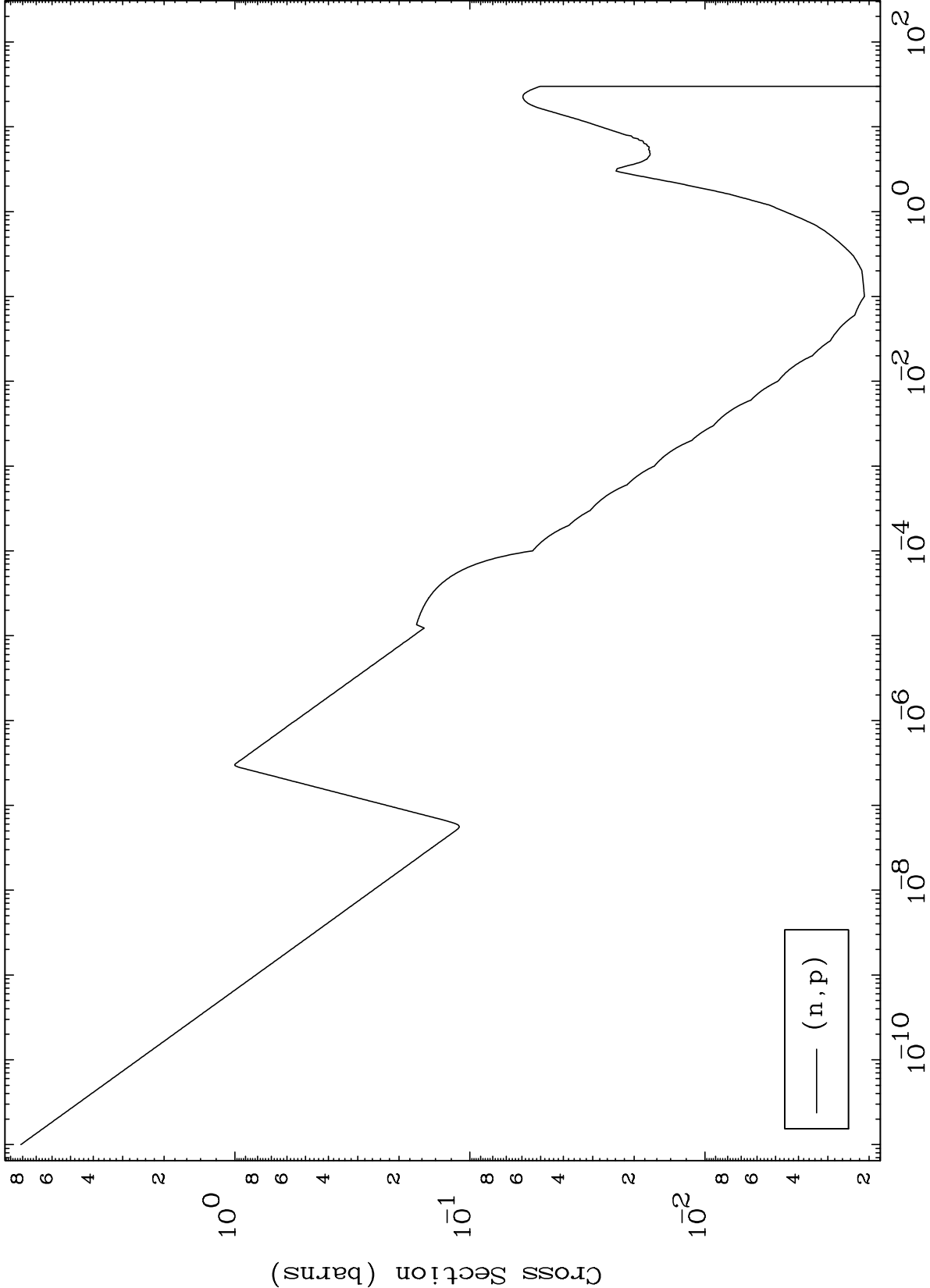




MAT 8525

(n,p) Levels
293 Kelvin Cross Sections

85-At-203



— (n,p)

12

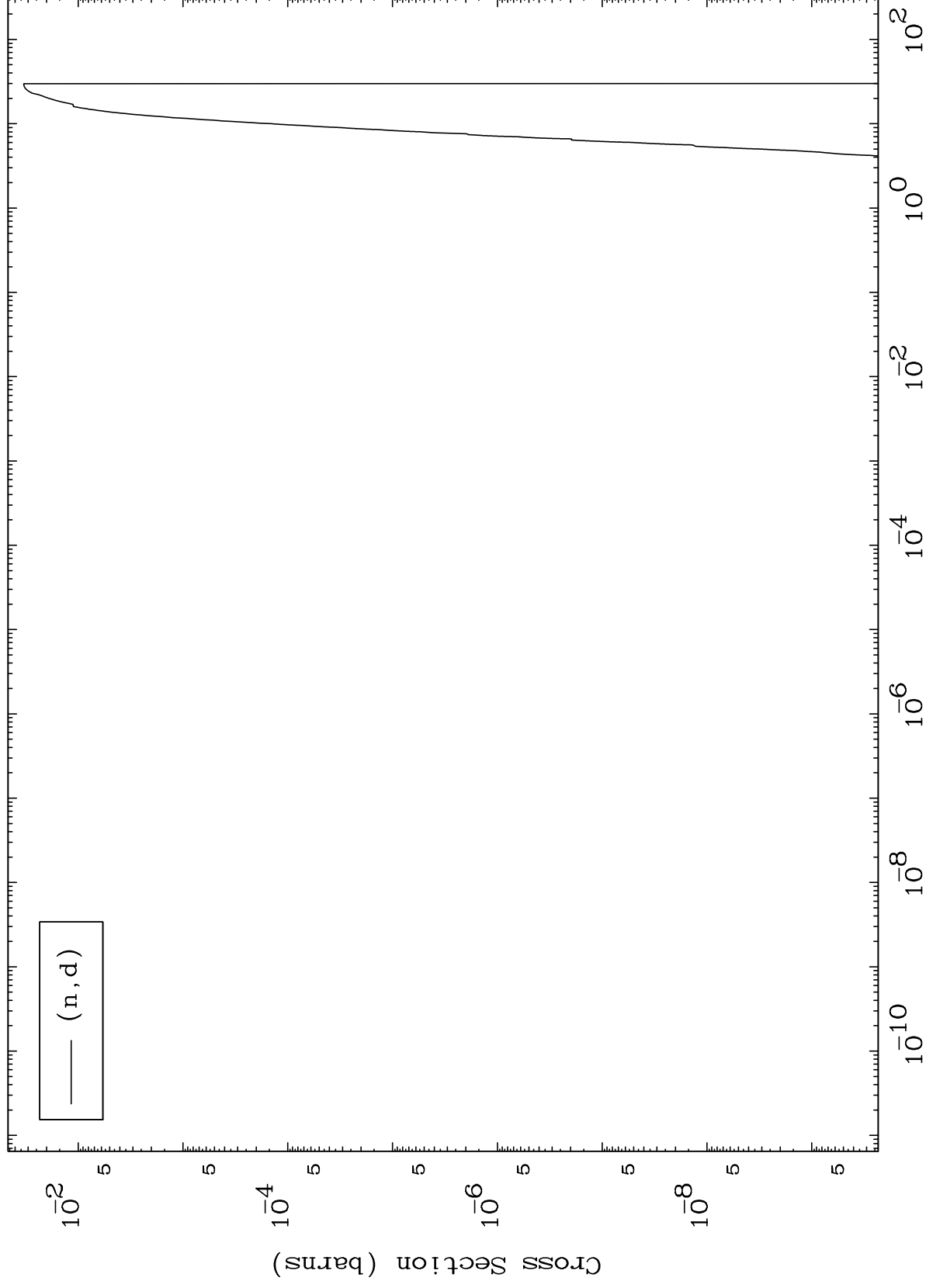
Incident Energy (MeV)

85-At-203

MAT 8525

(n,d) Levels
293 Kelvin Cross Sections

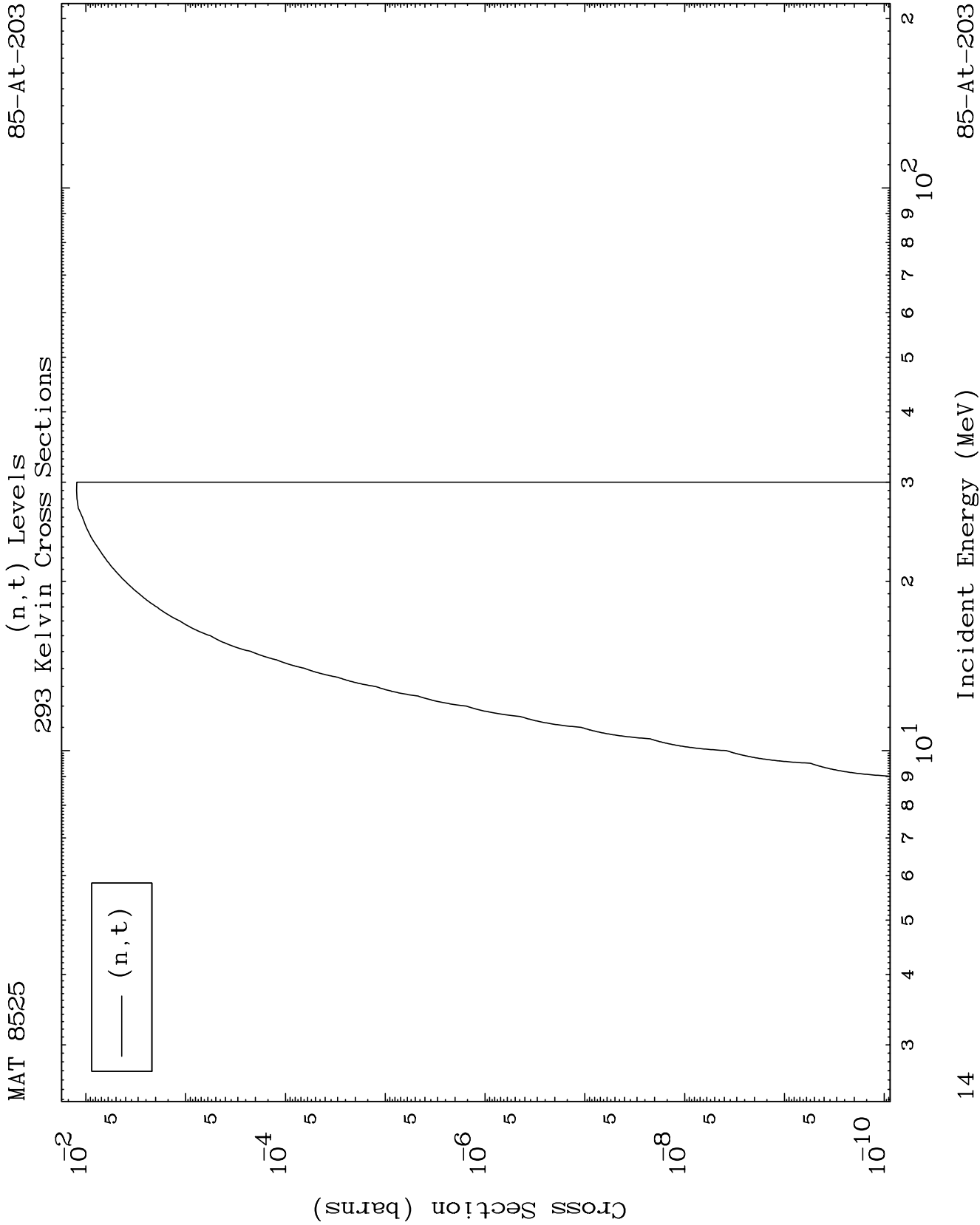
85-At-203



13

Incident Energy (MeV)

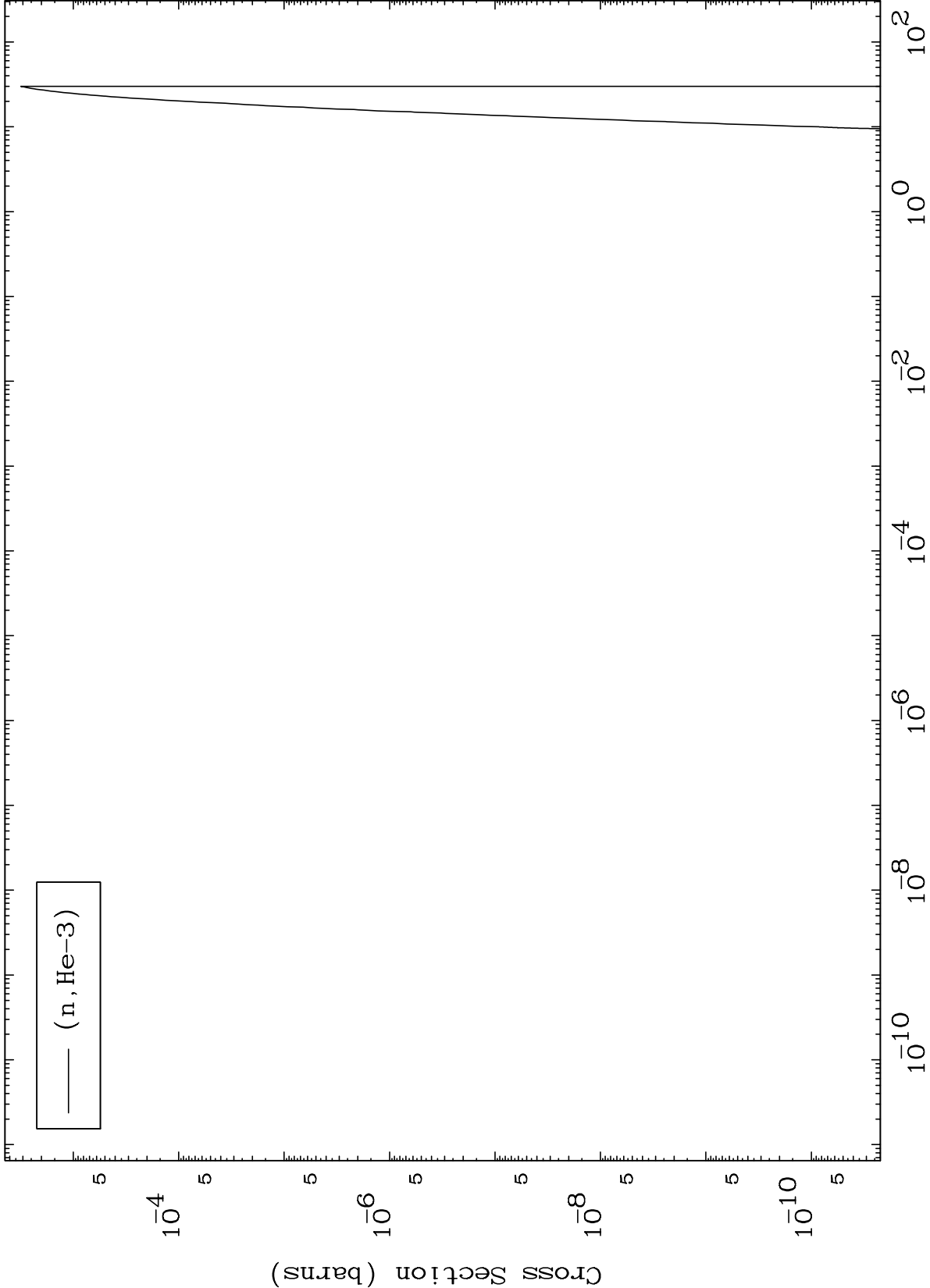
85-At-203



MAT 8525

(n,He3) Levels
293 Kelvin Cross Sections

85-At-203



15

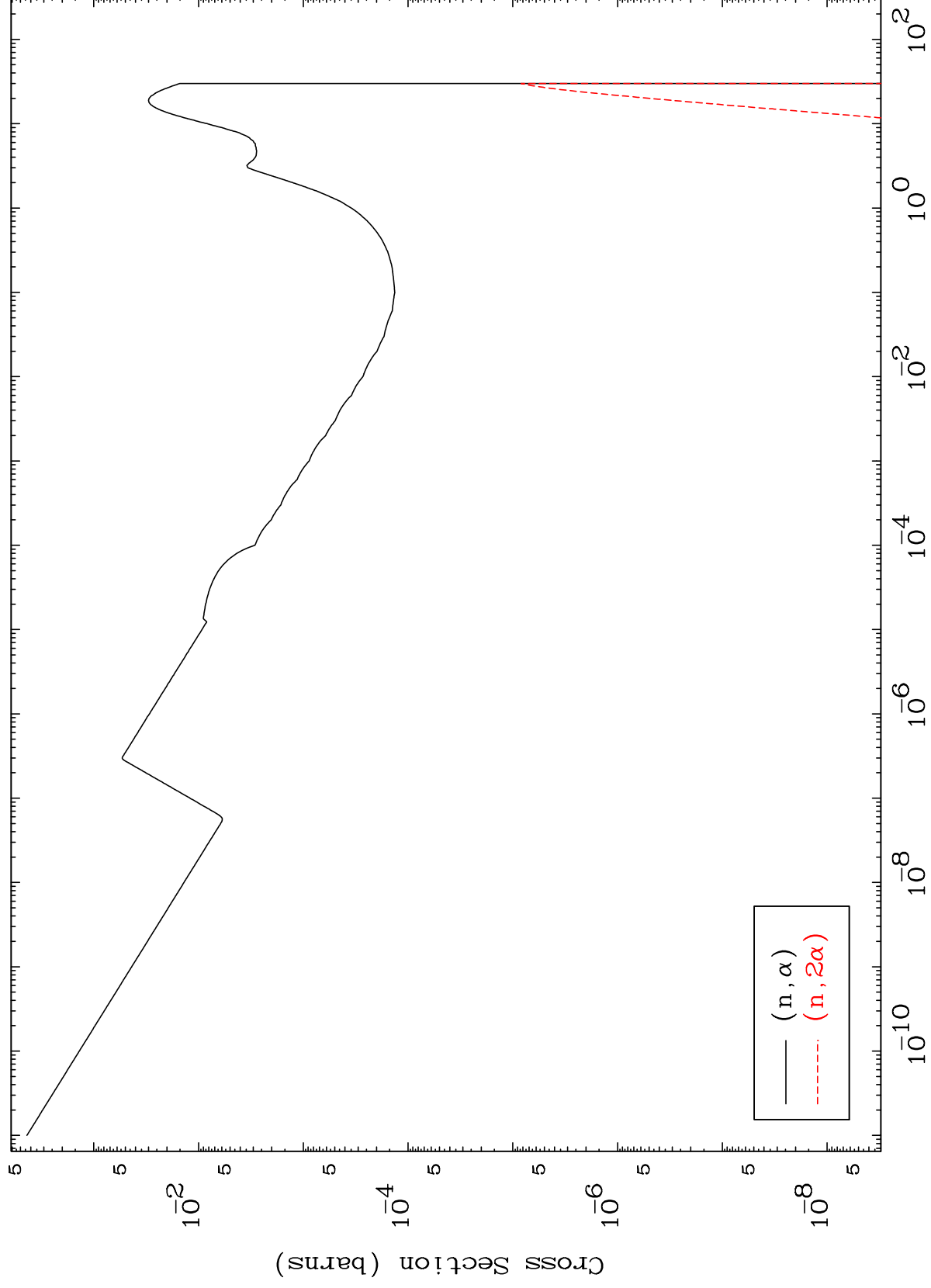
Incident Energy (MeV)

85-At-203

MAT 8525

(n, α) Levels
293 Kelvin Cross Sections

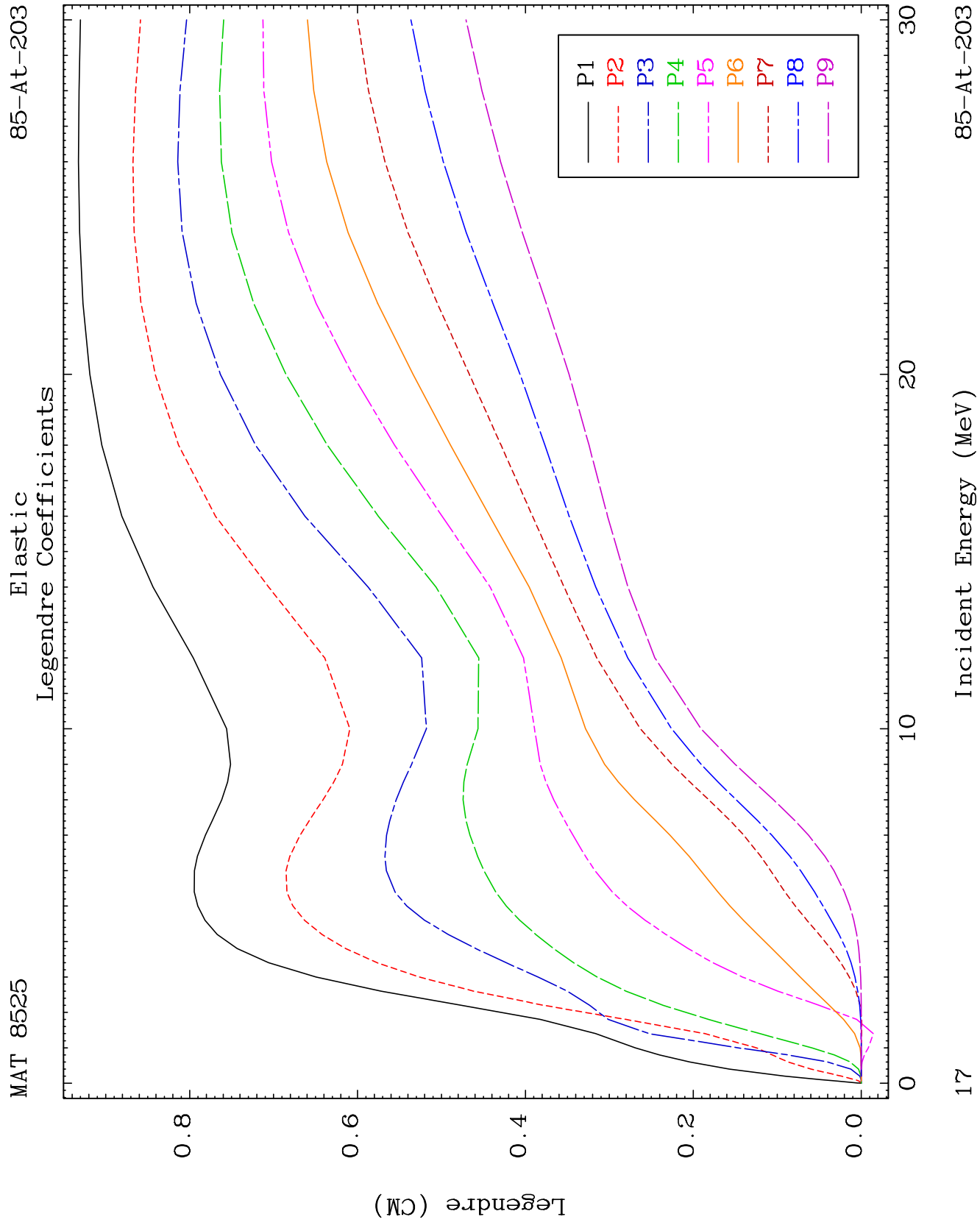
85-At-203

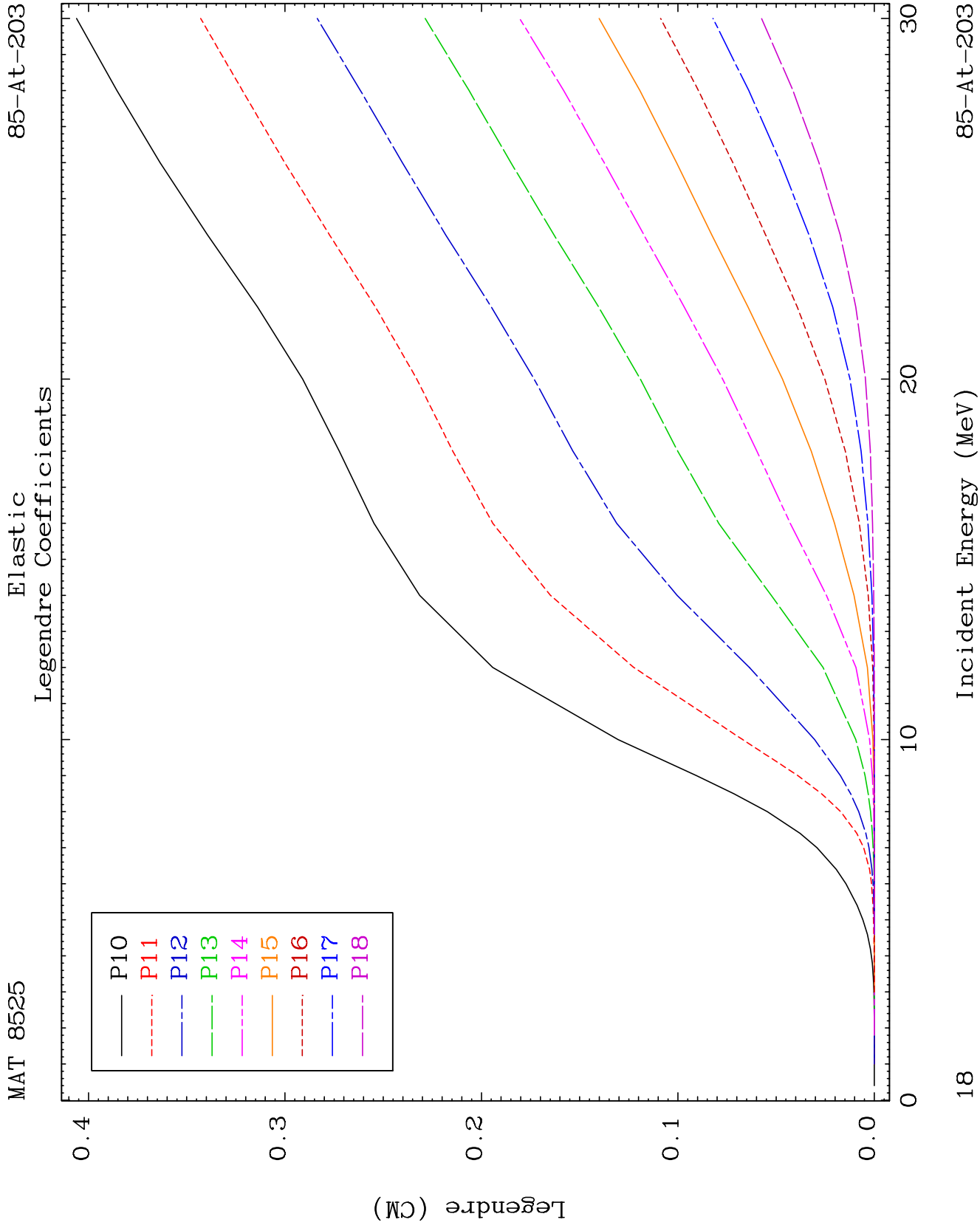


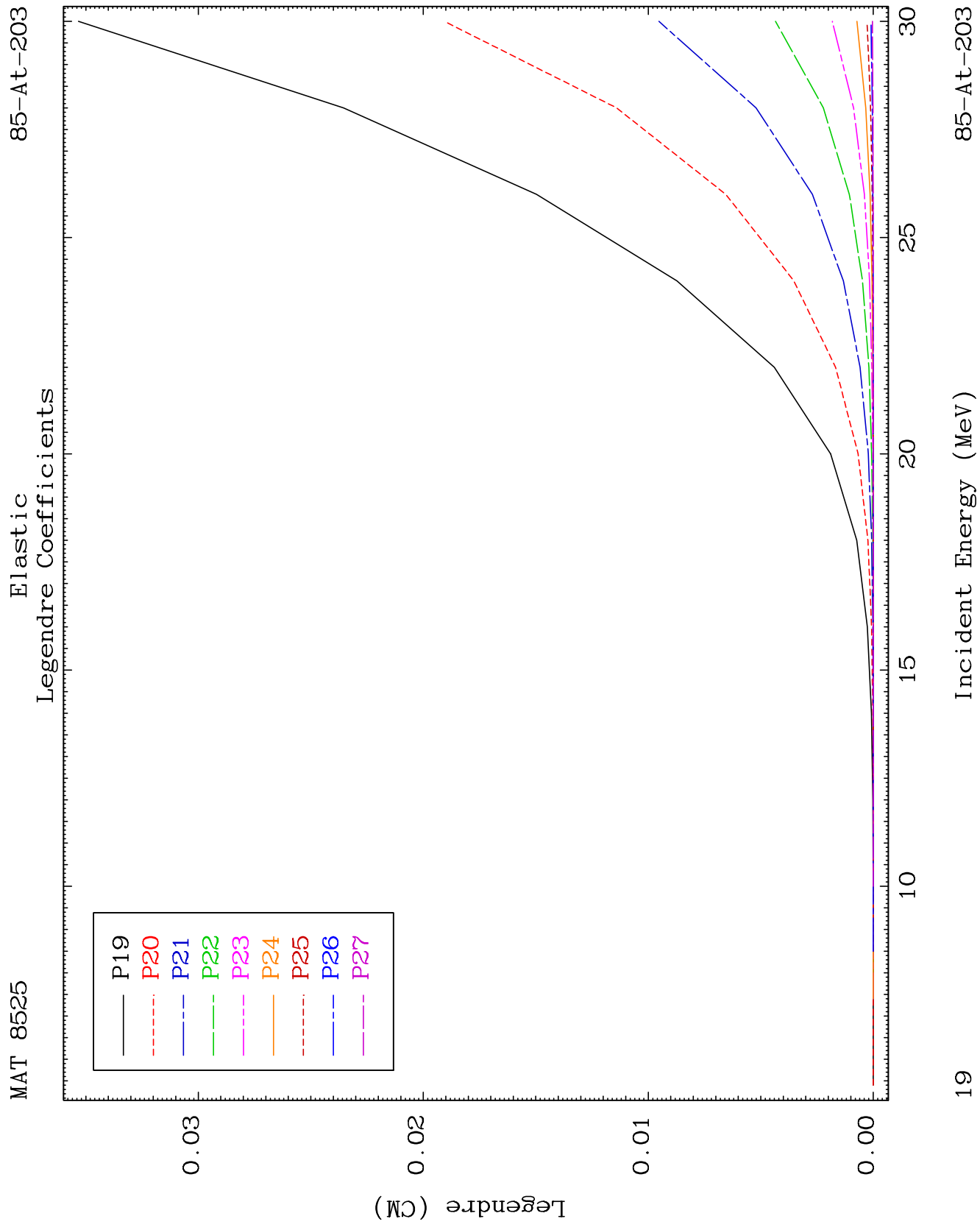
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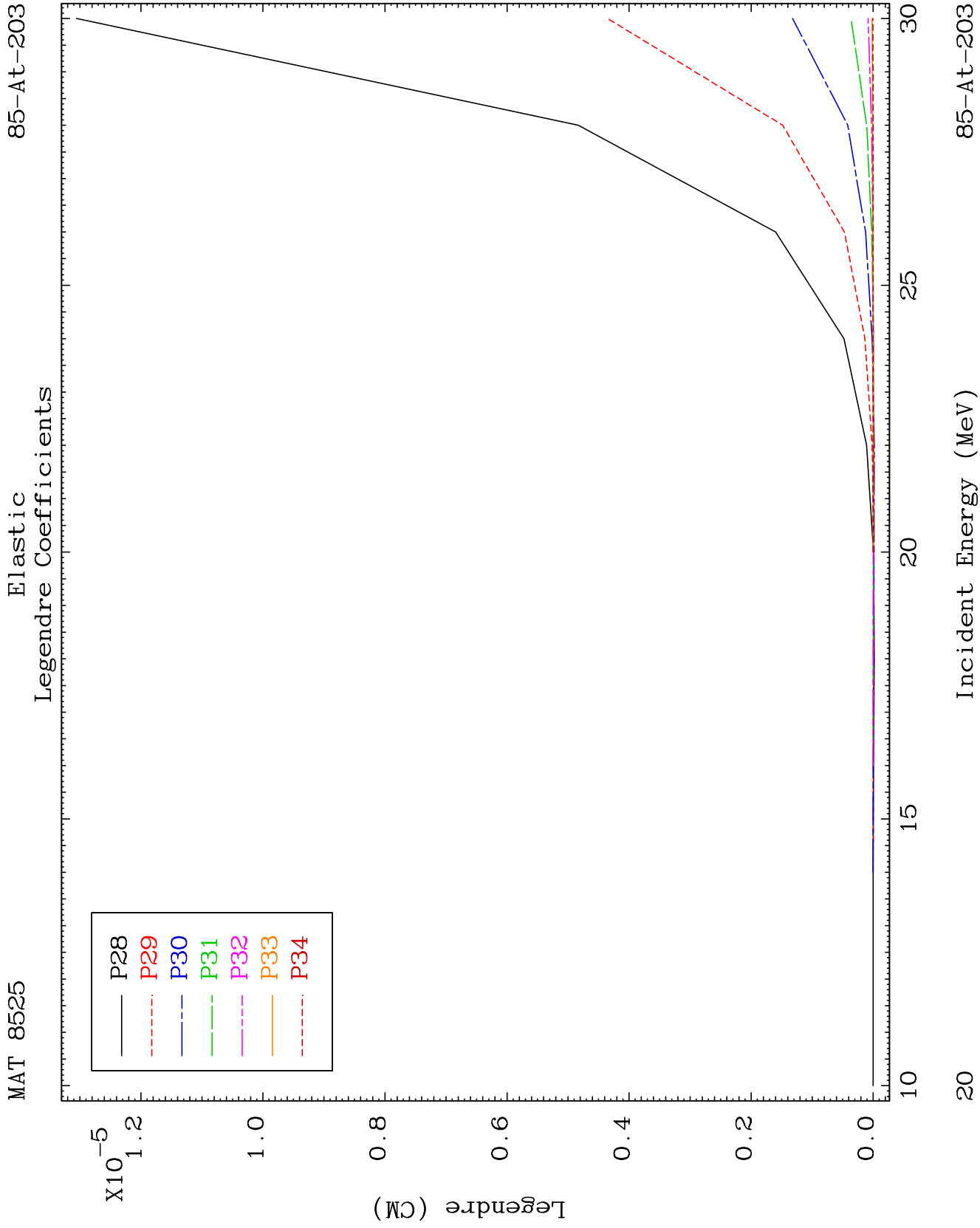
Incident Energy (MeV)

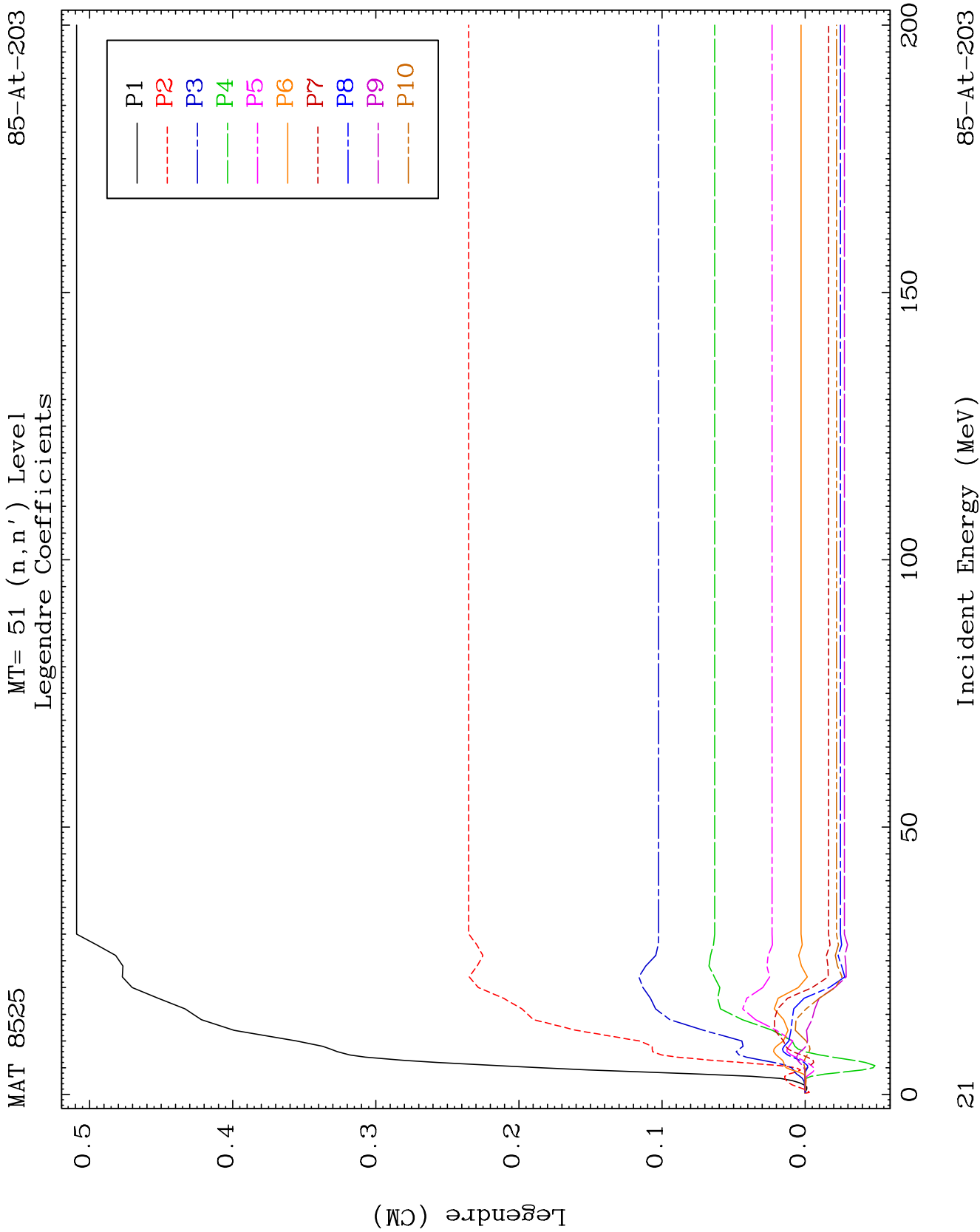
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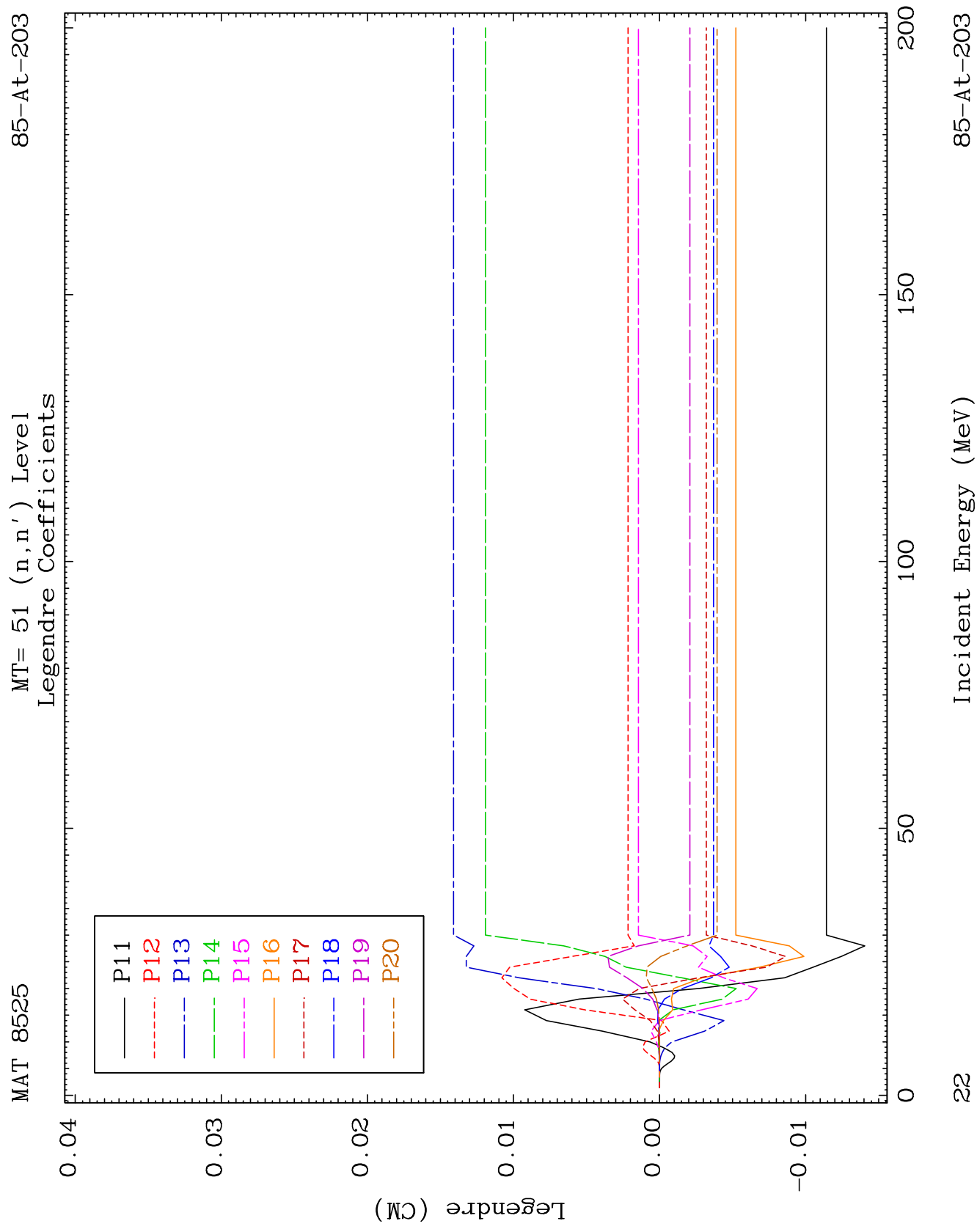


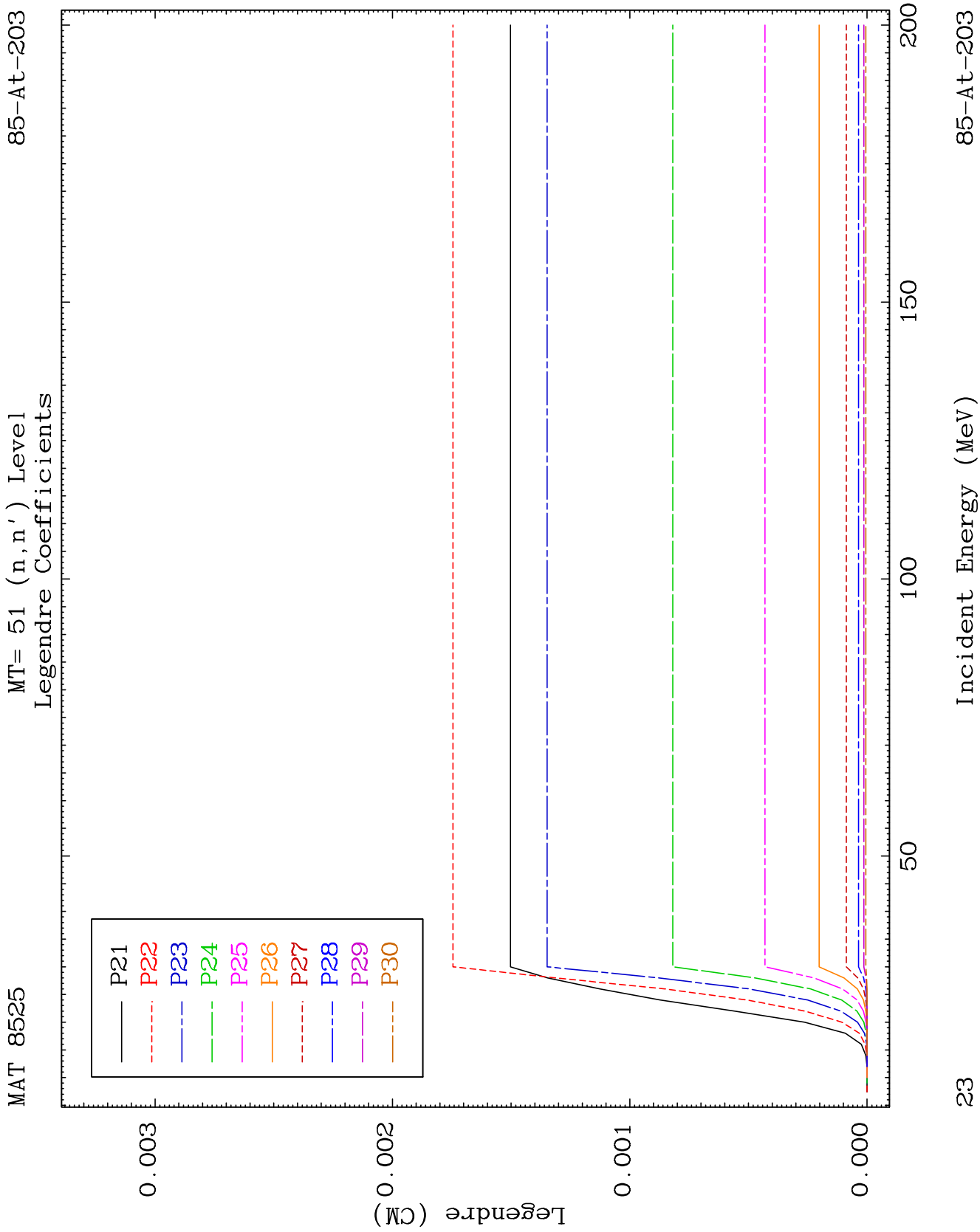








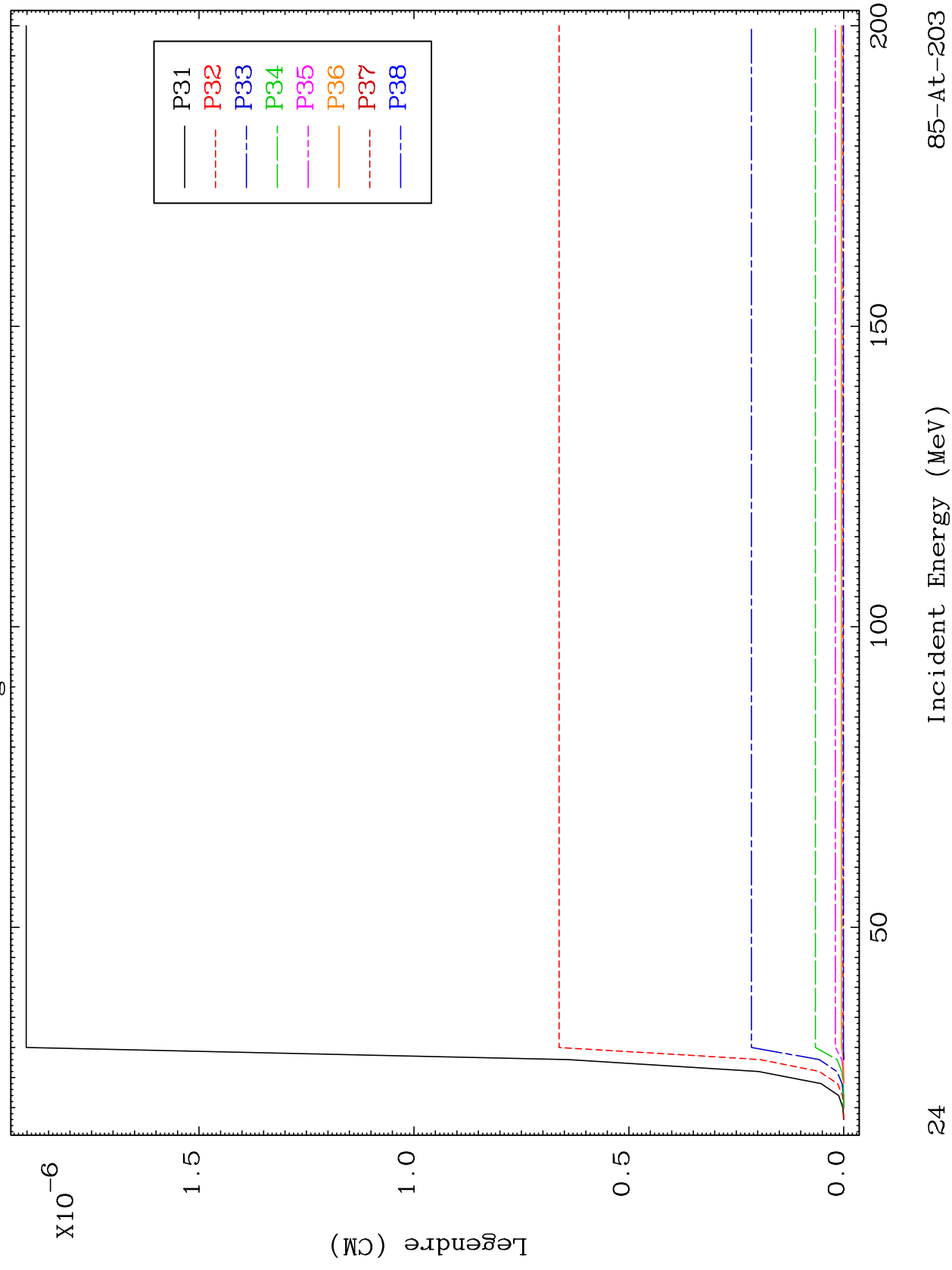


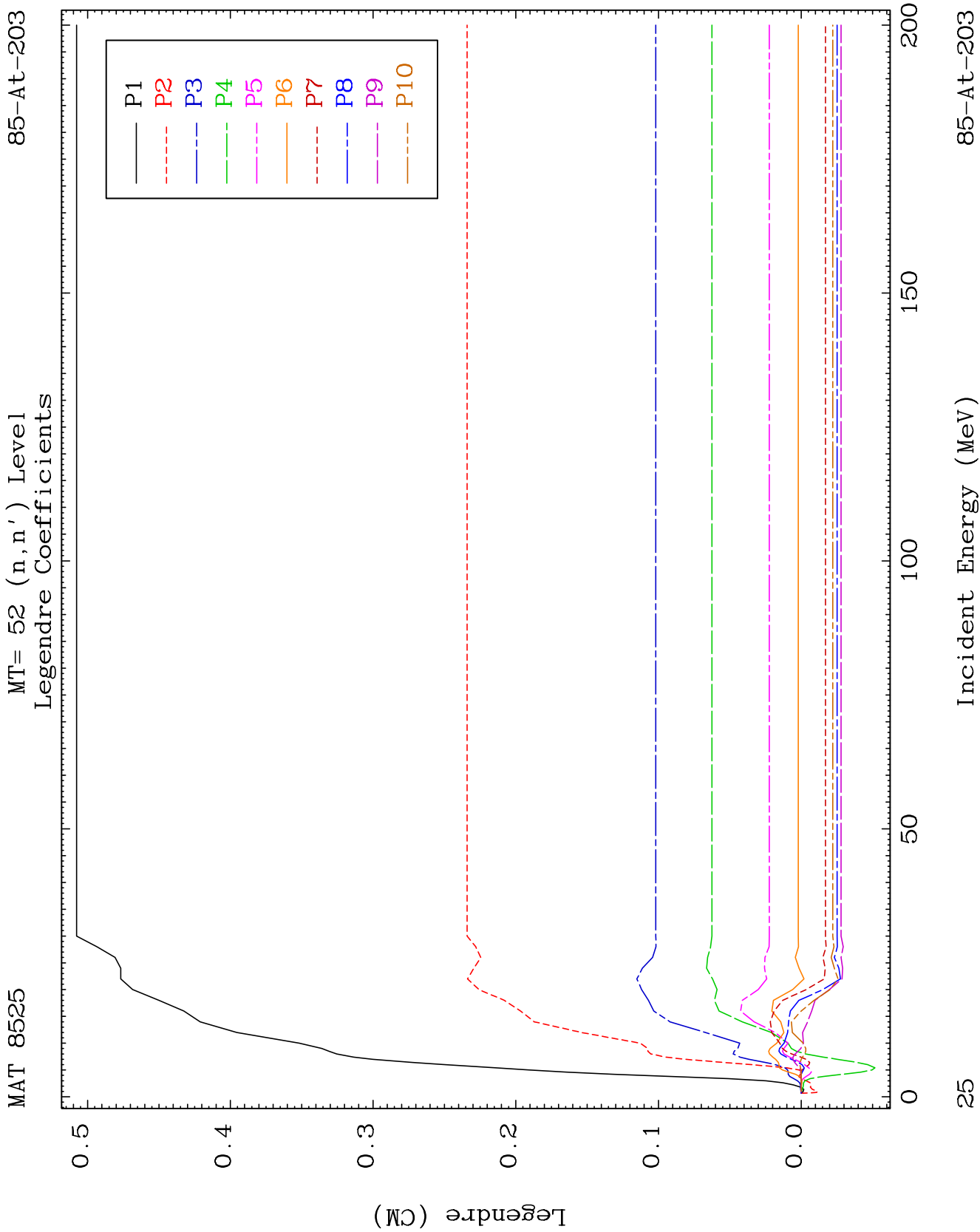


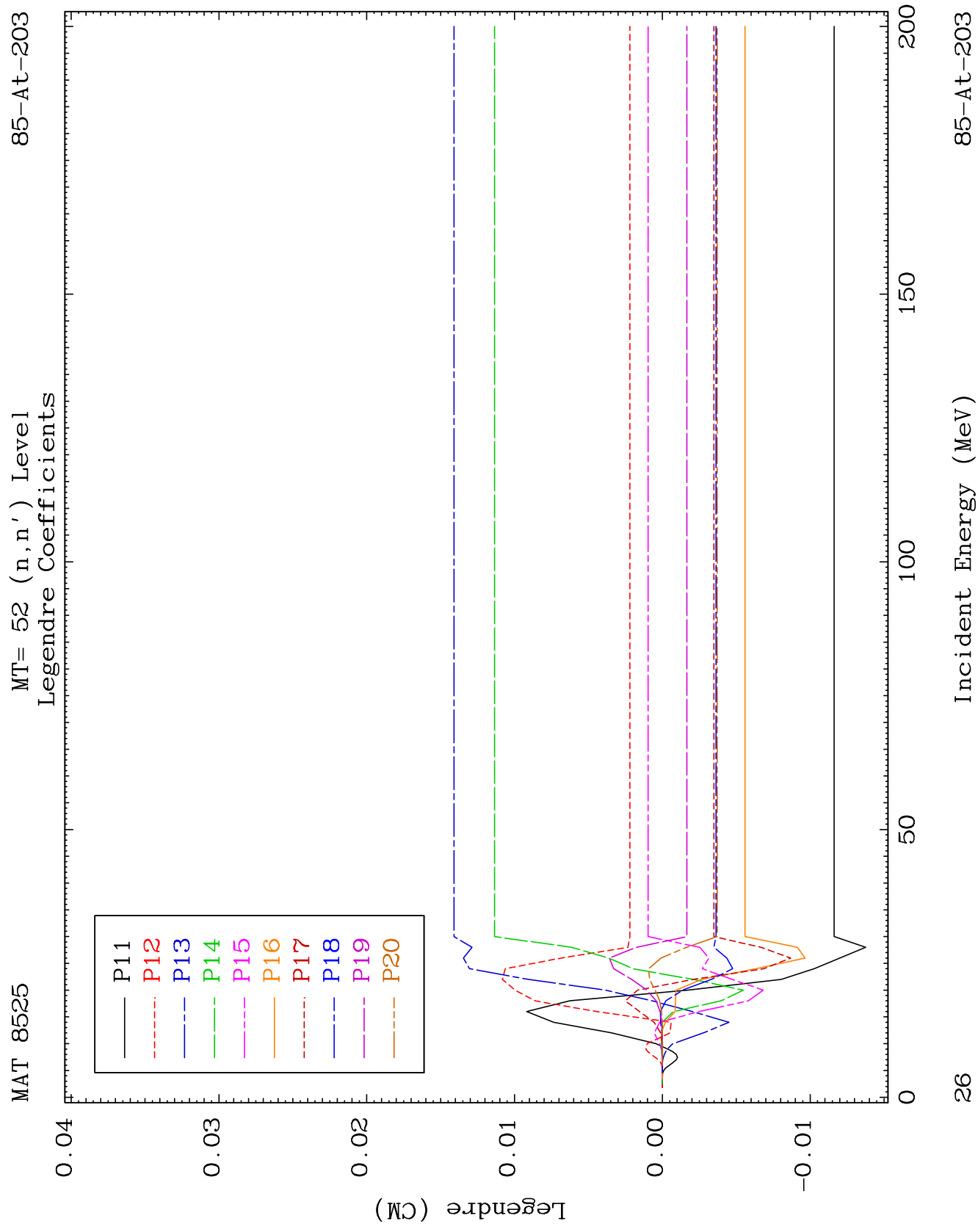
MAT 8525

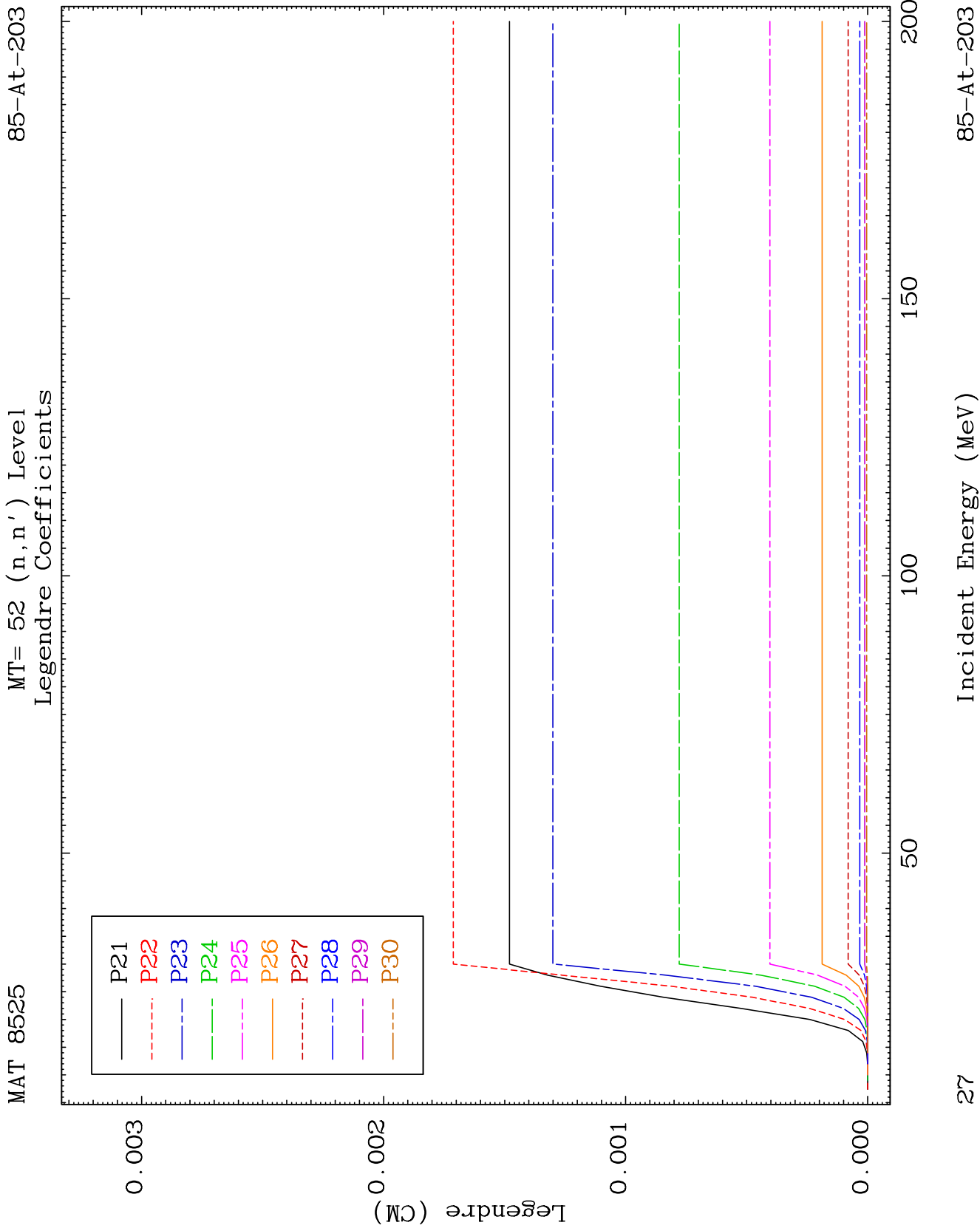
MT= 51 (n, n') Level
Legendre Coefficients

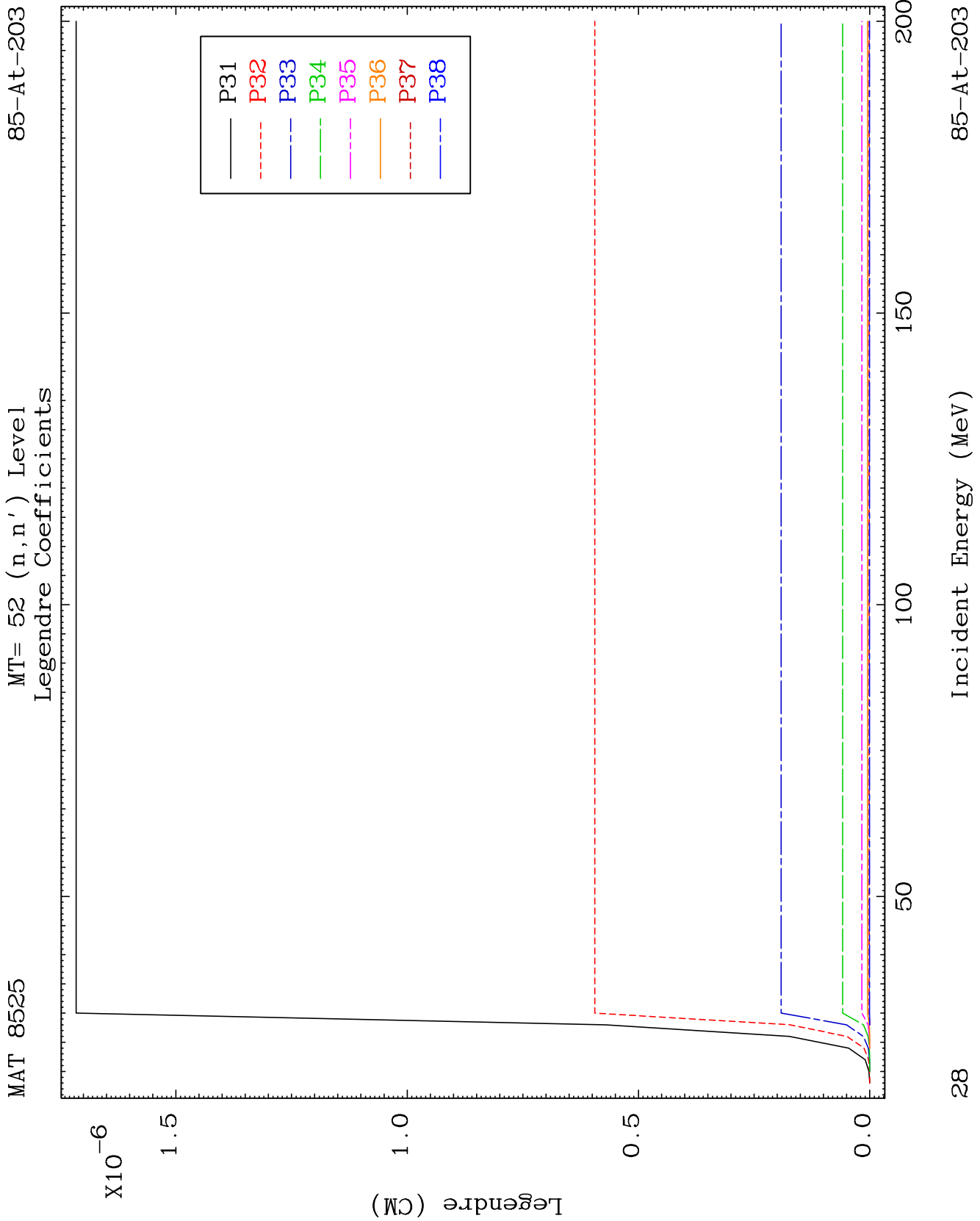
85-At-203







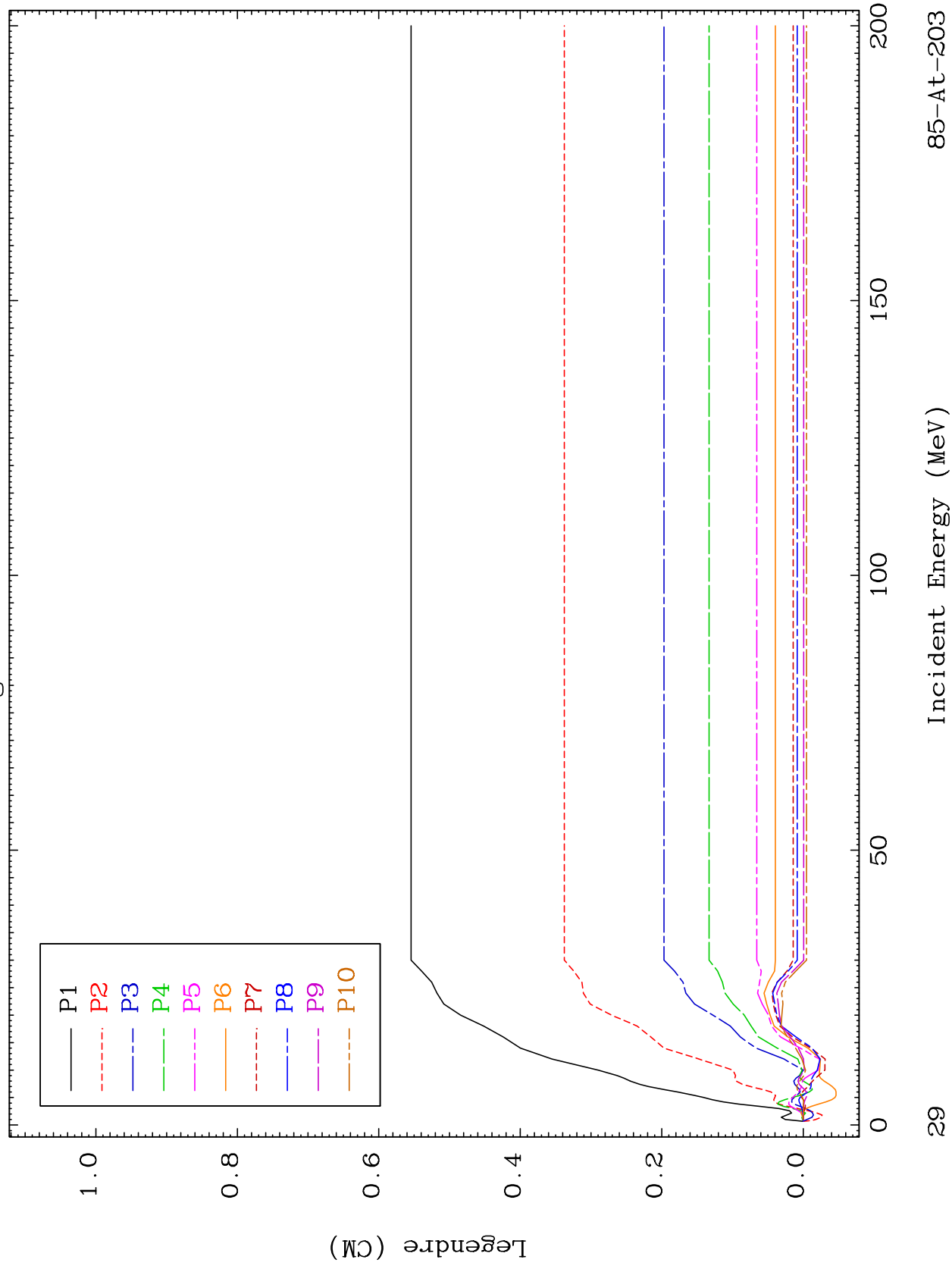


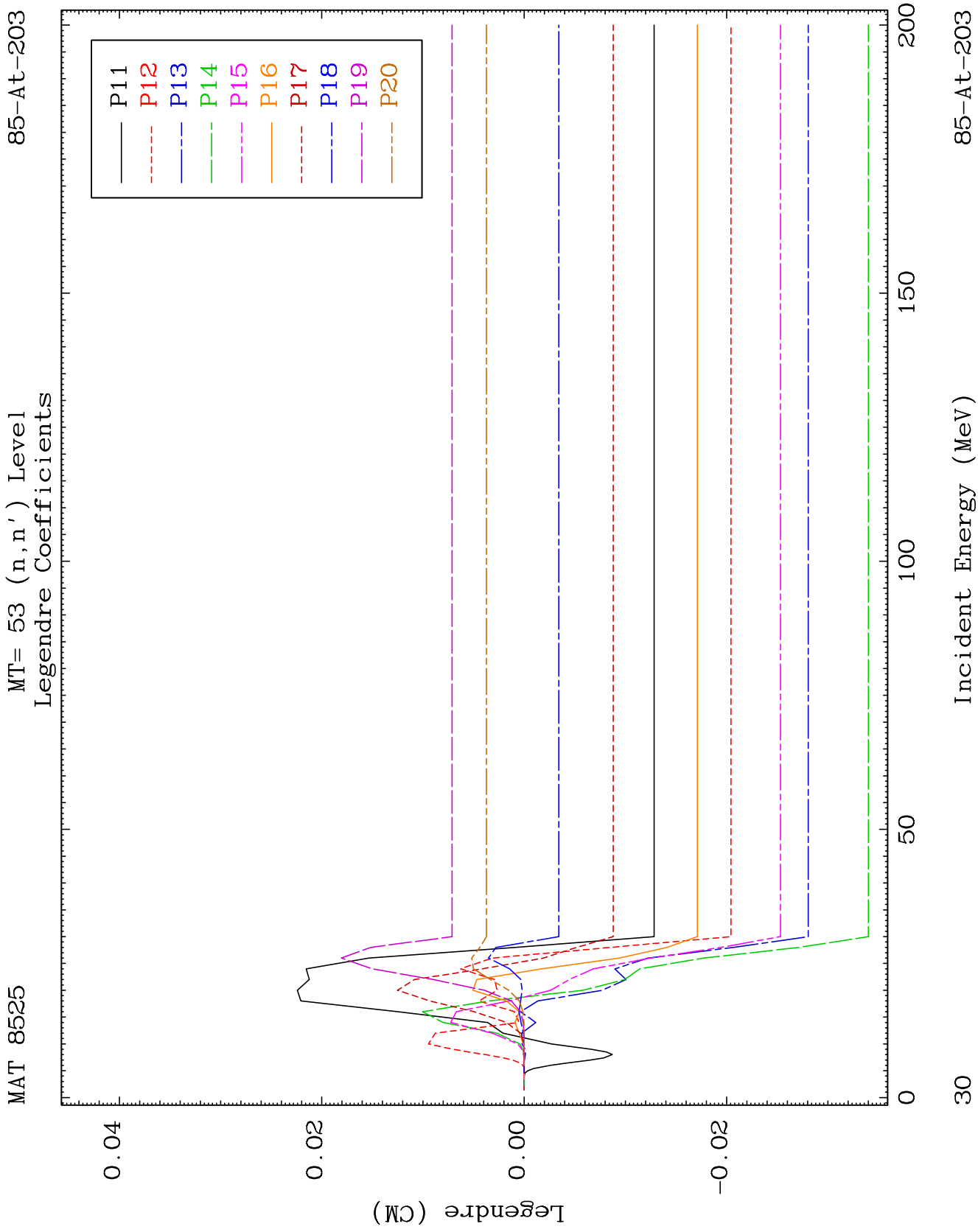


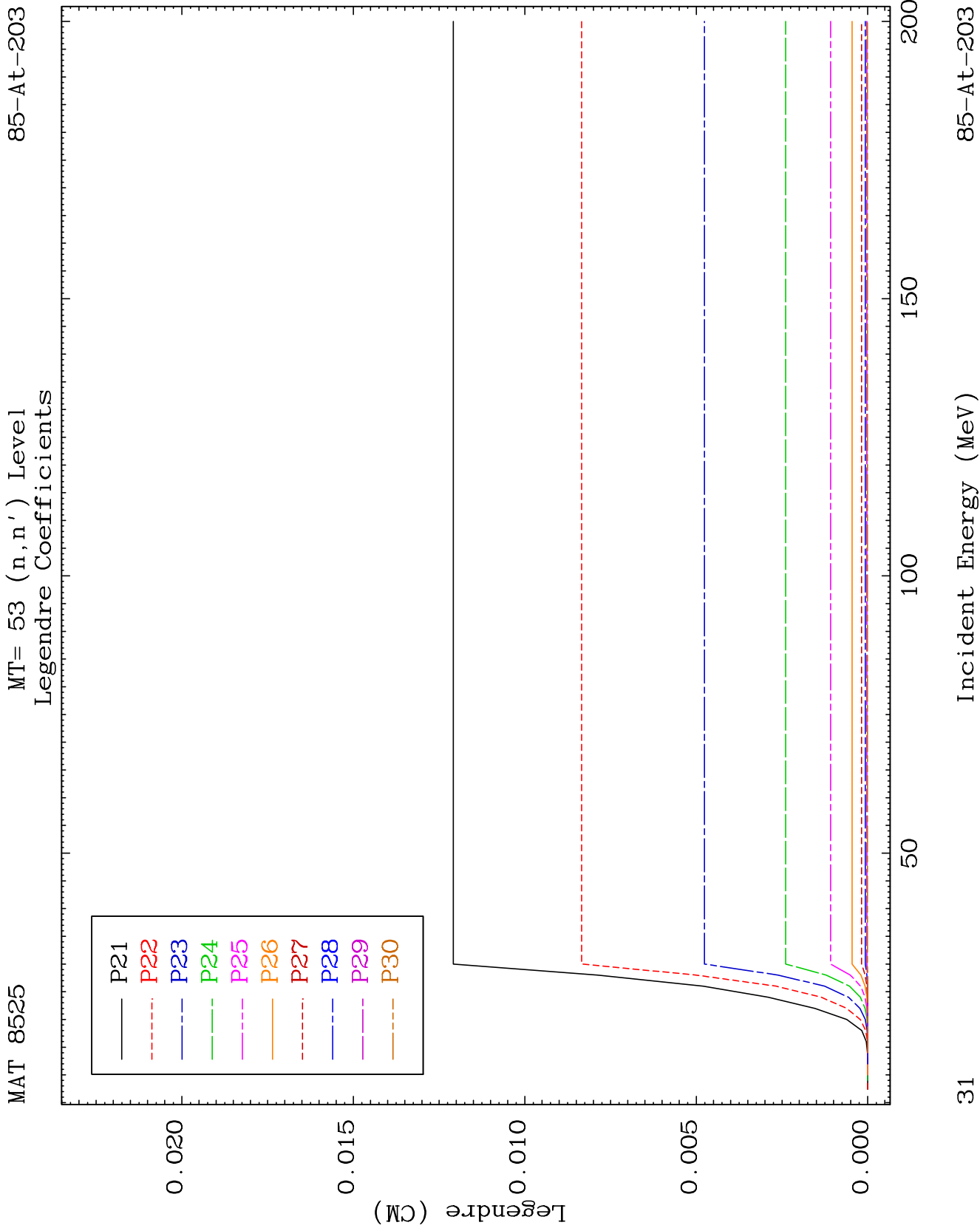
MAT 8525

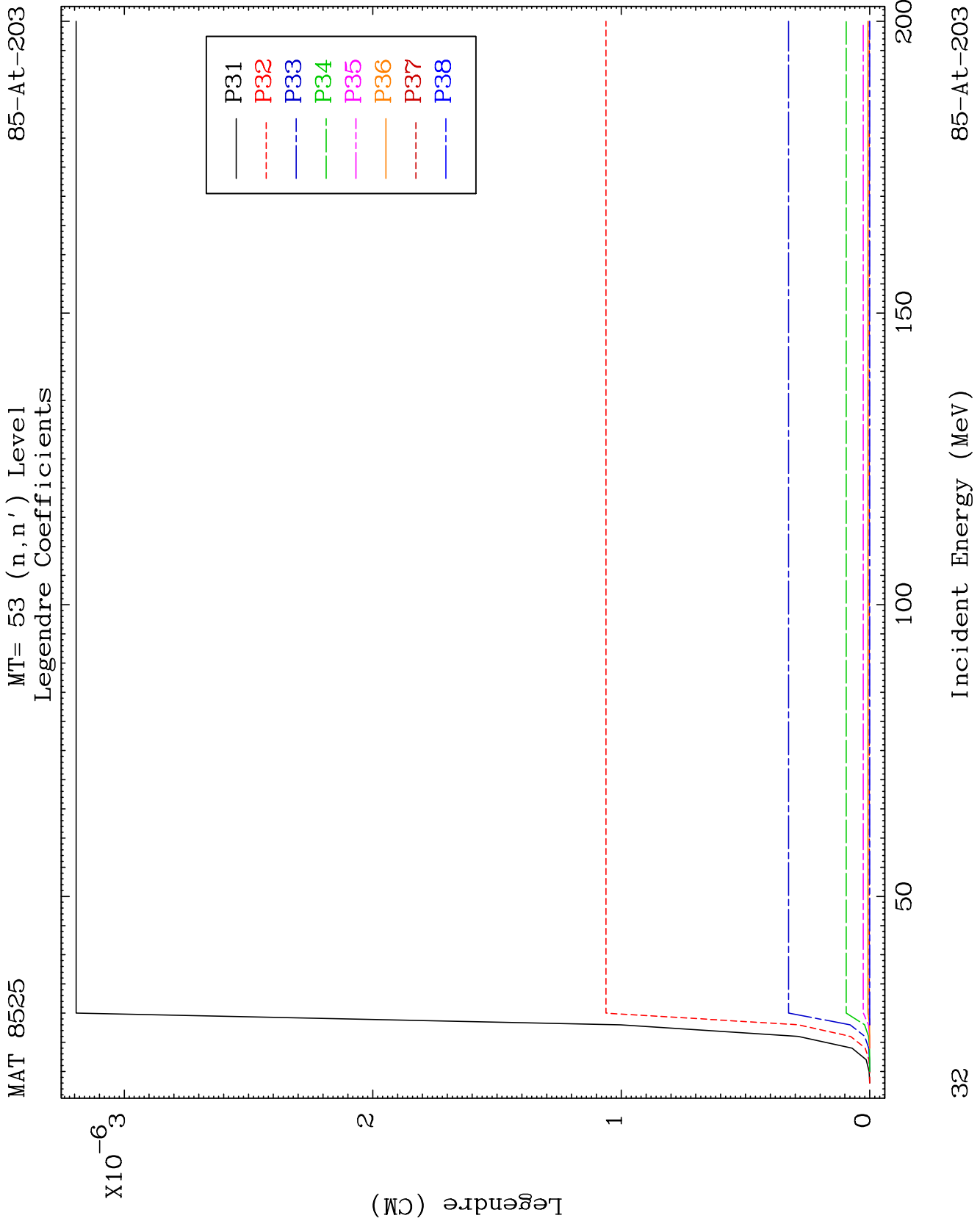
MT= 53 (n, n') Level
Legendre Coefficients

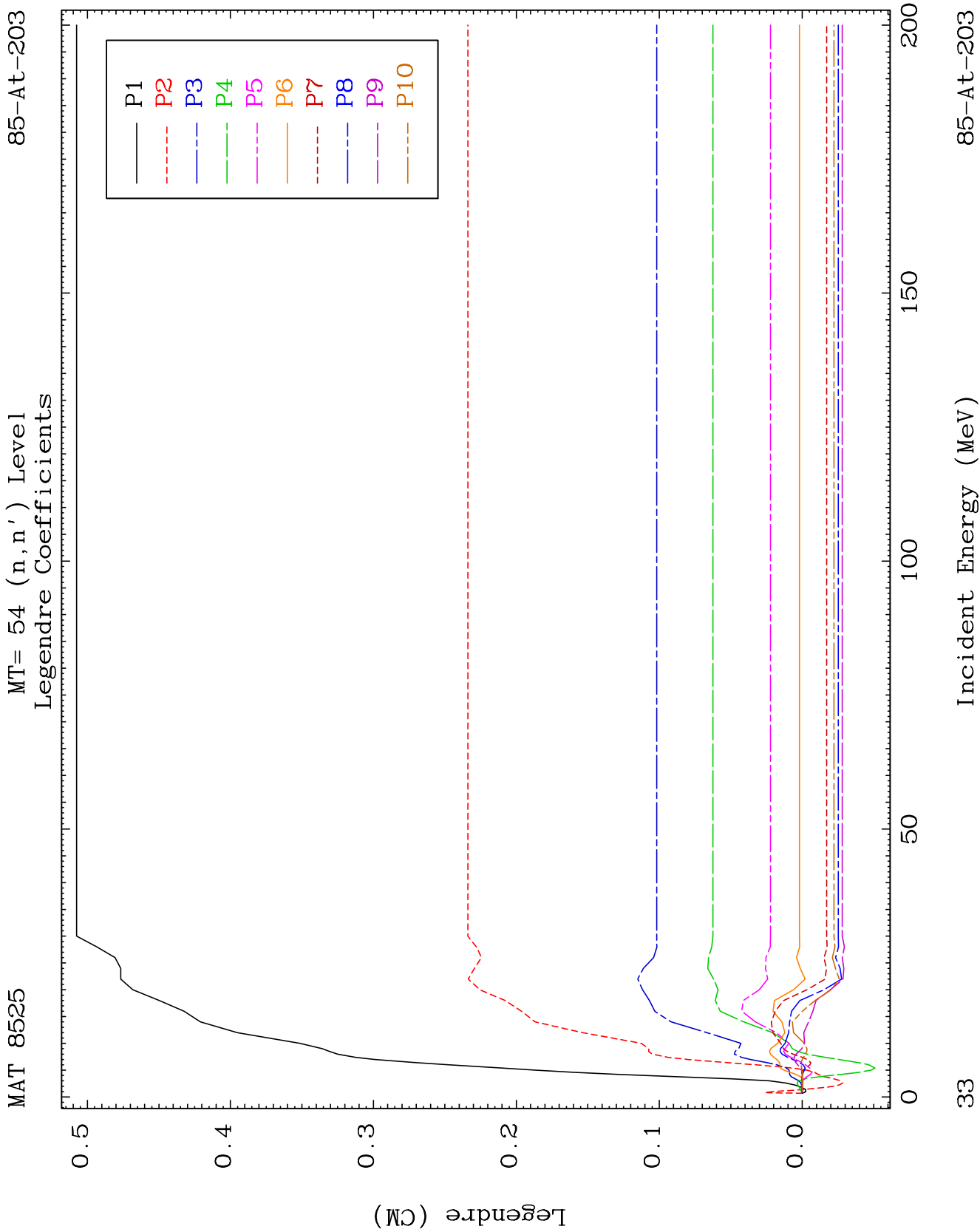
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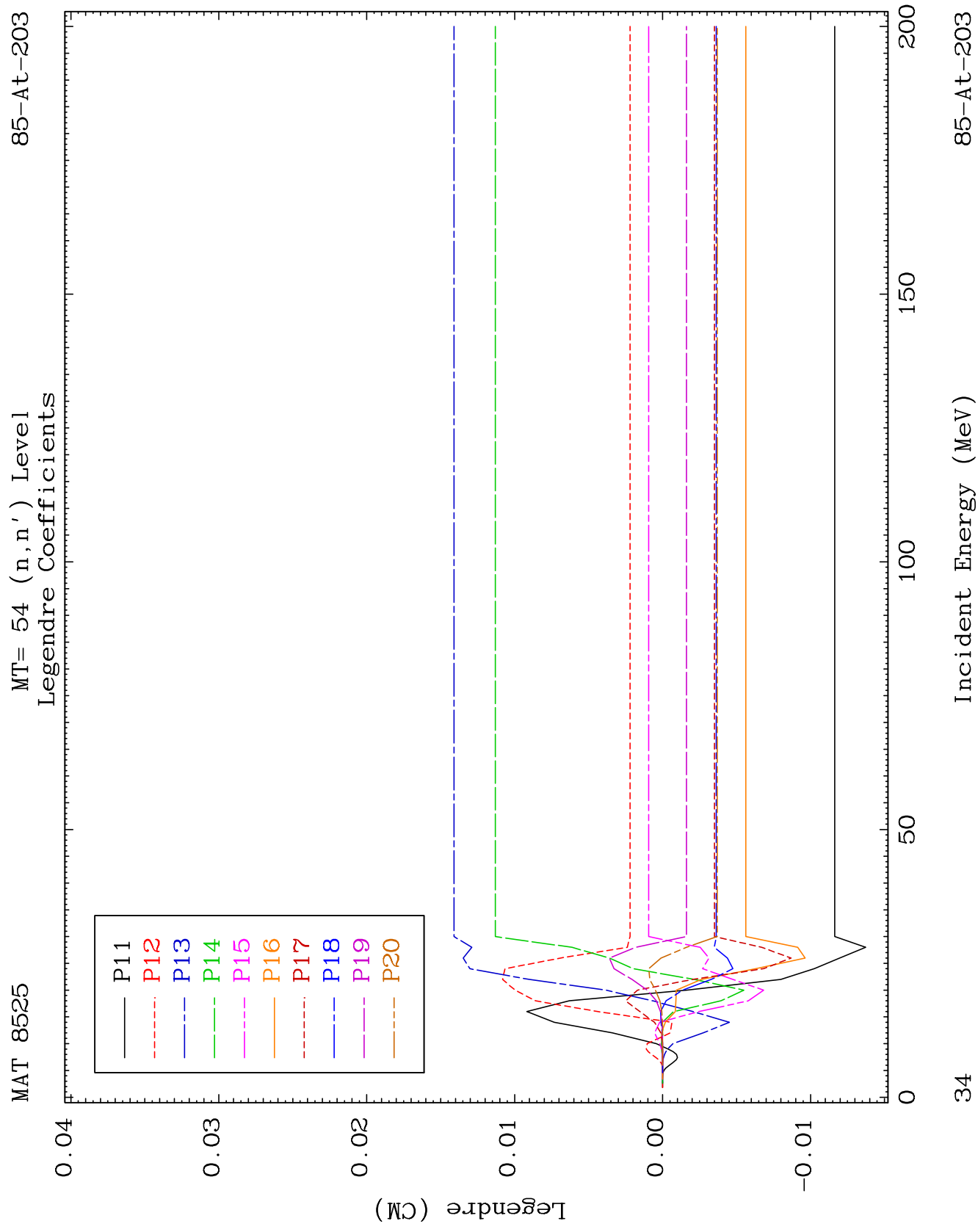








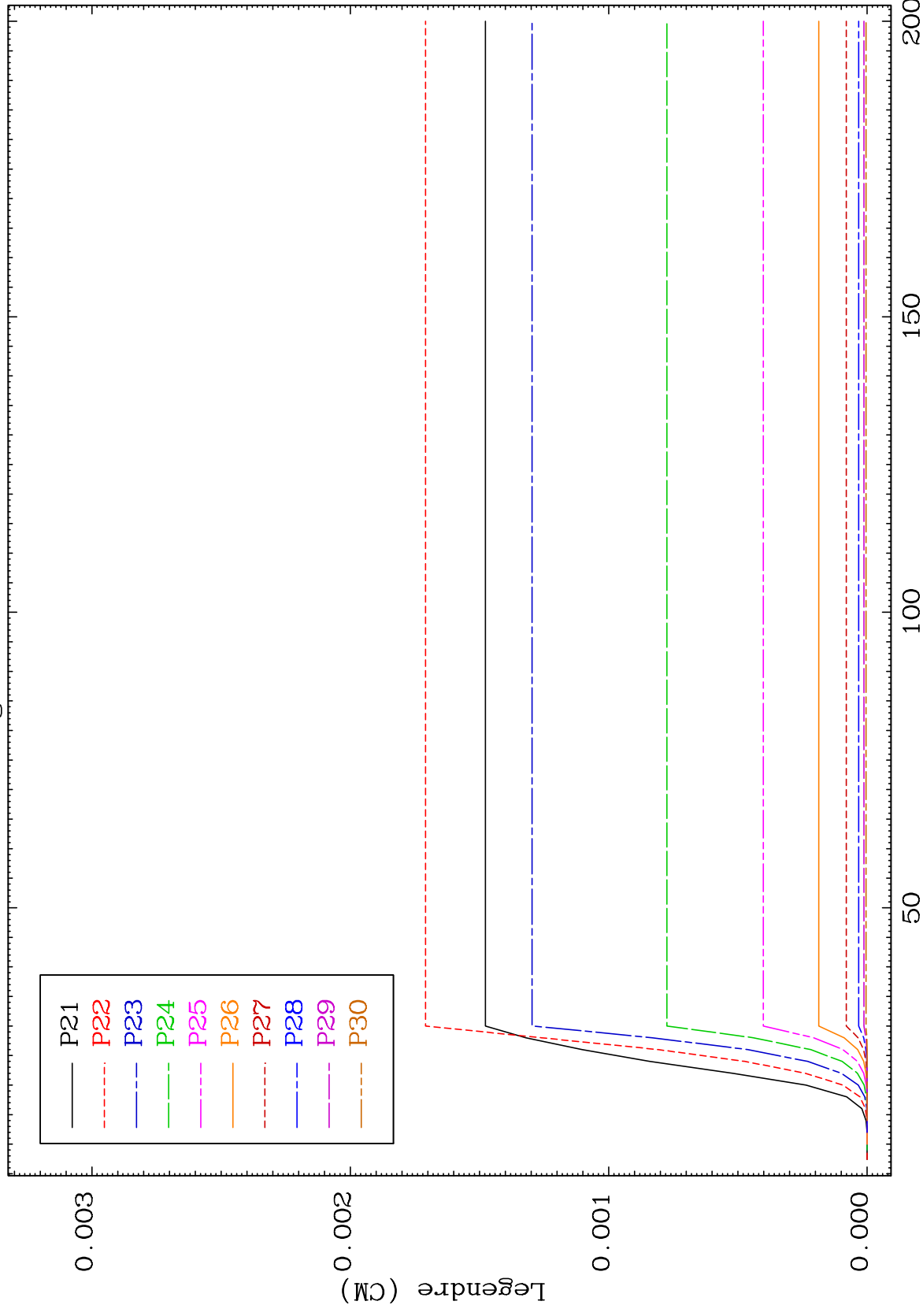




MAT 8525

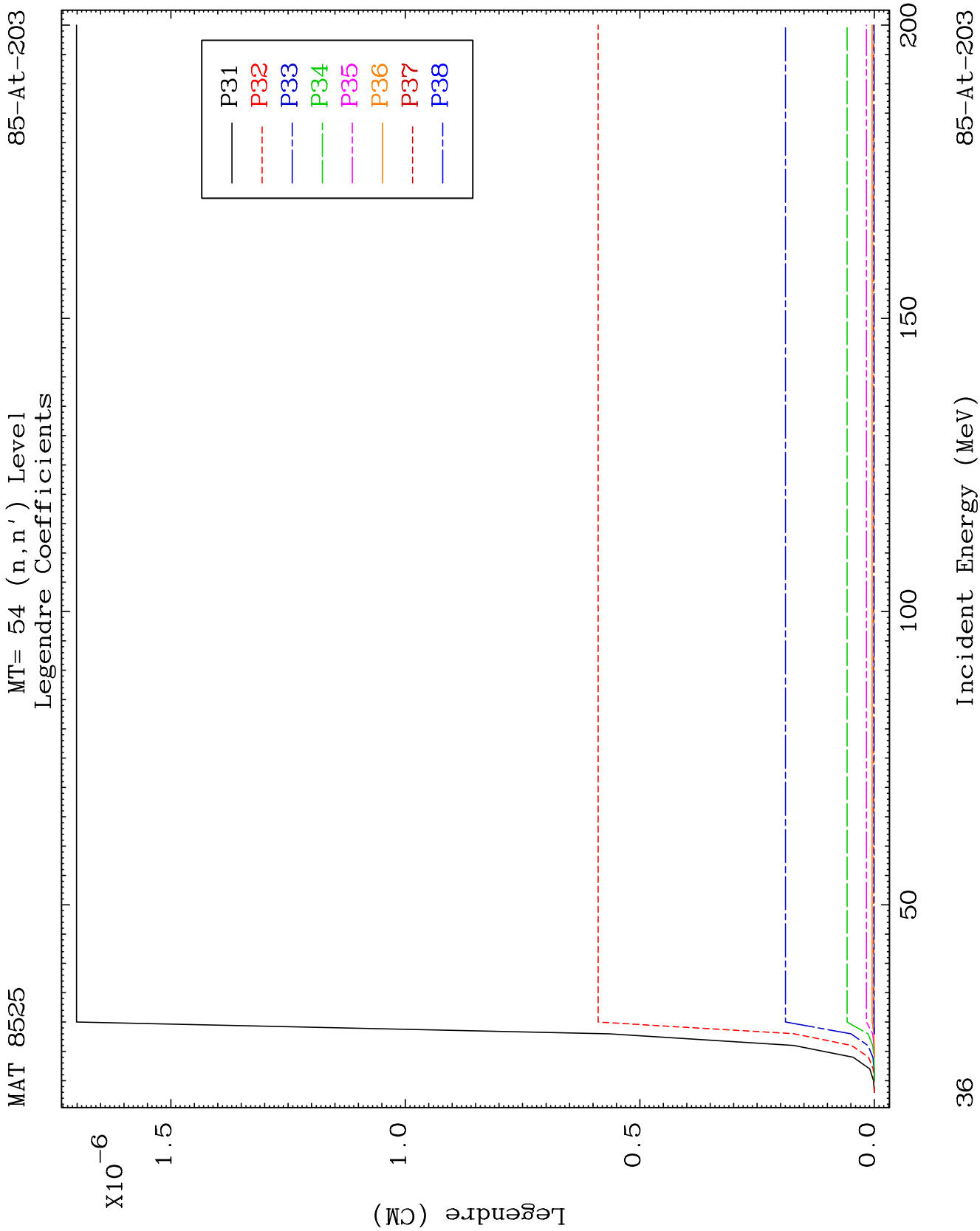
MT= 54 (n, n') Level
Legendre Coefficients

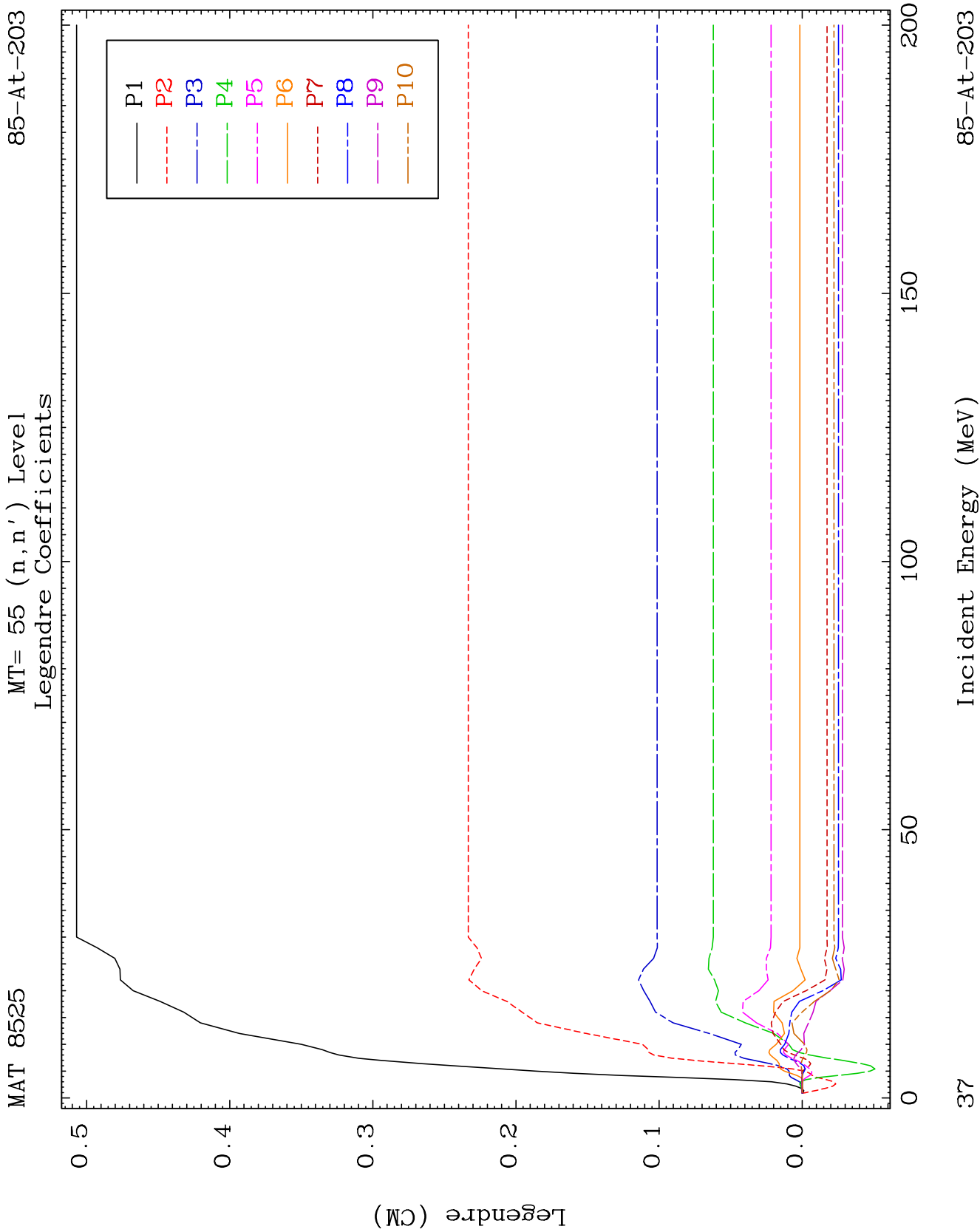
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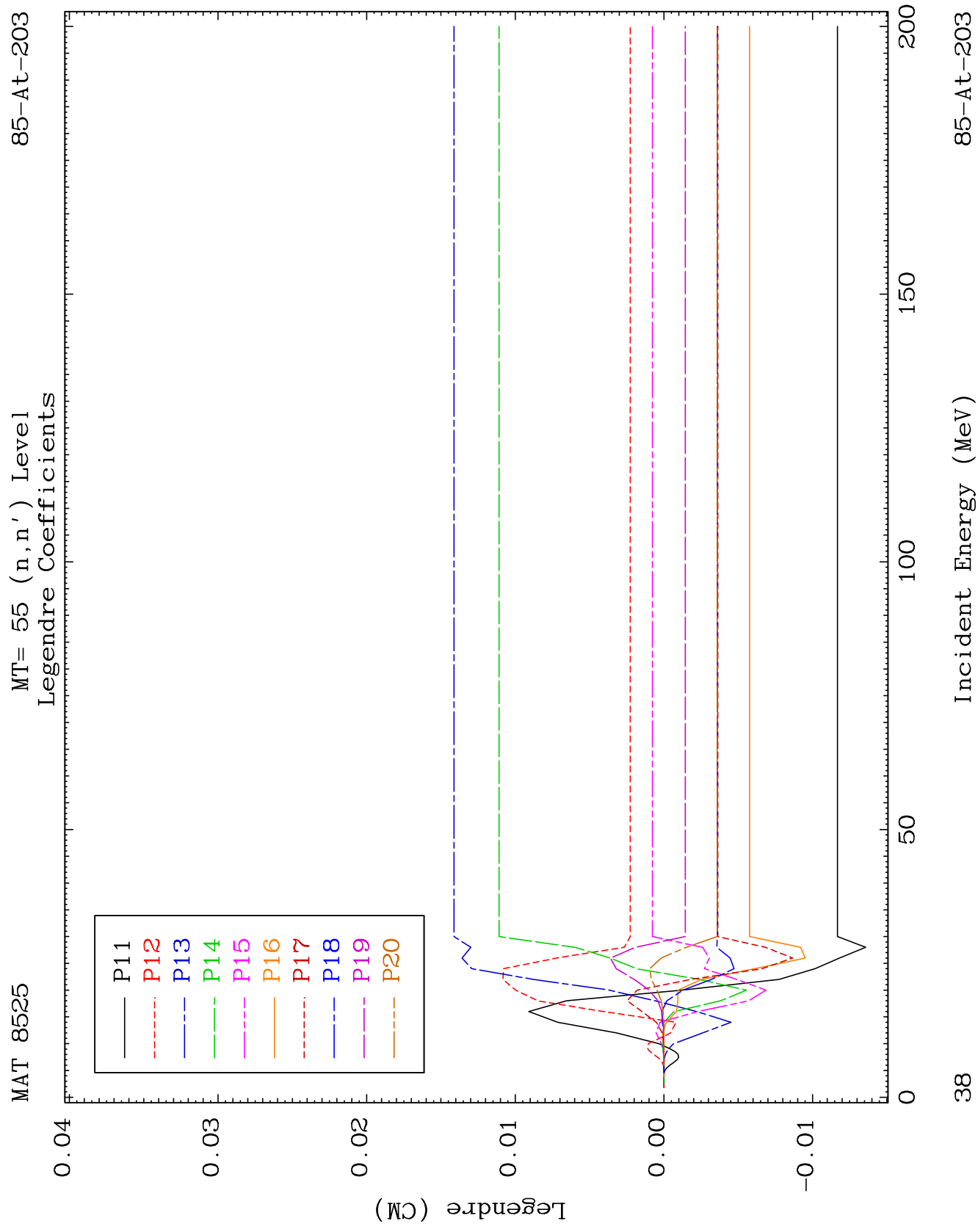


85-At-203

Incident Energy (MeV)



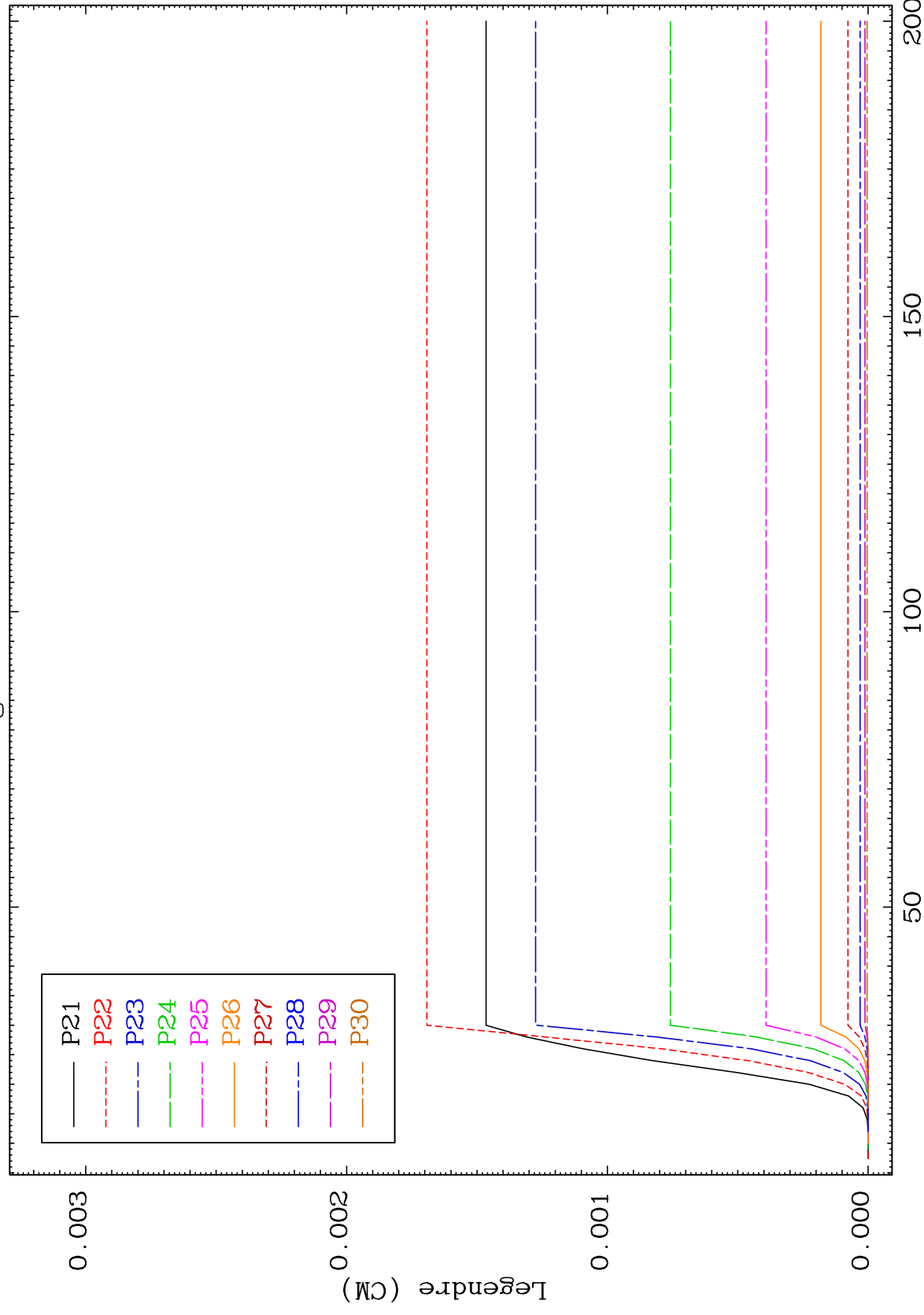




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MT= 55 (n, n') Level
Legendre Coefficients

85-At-203



39

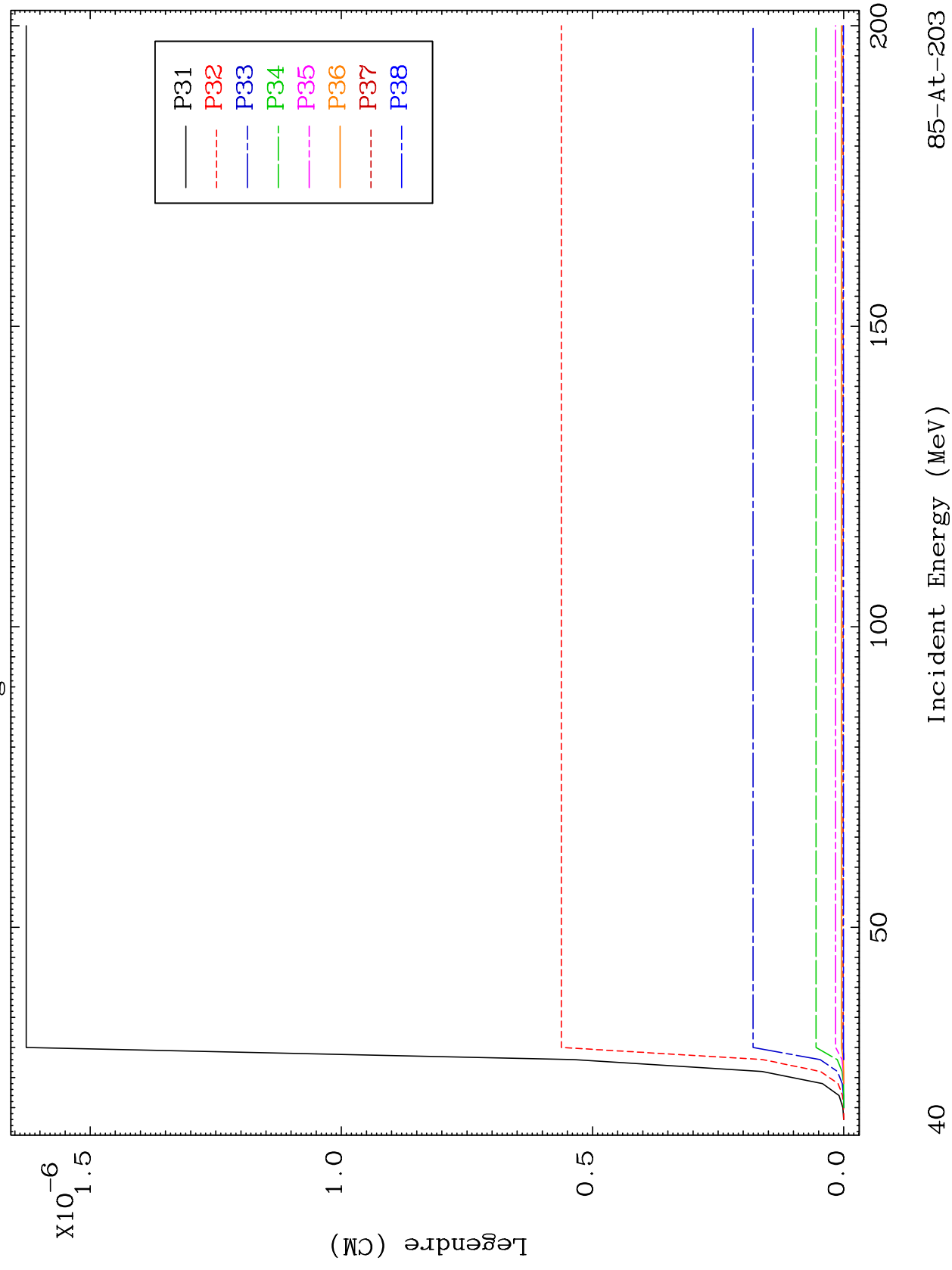
Incident Energy (MeV)

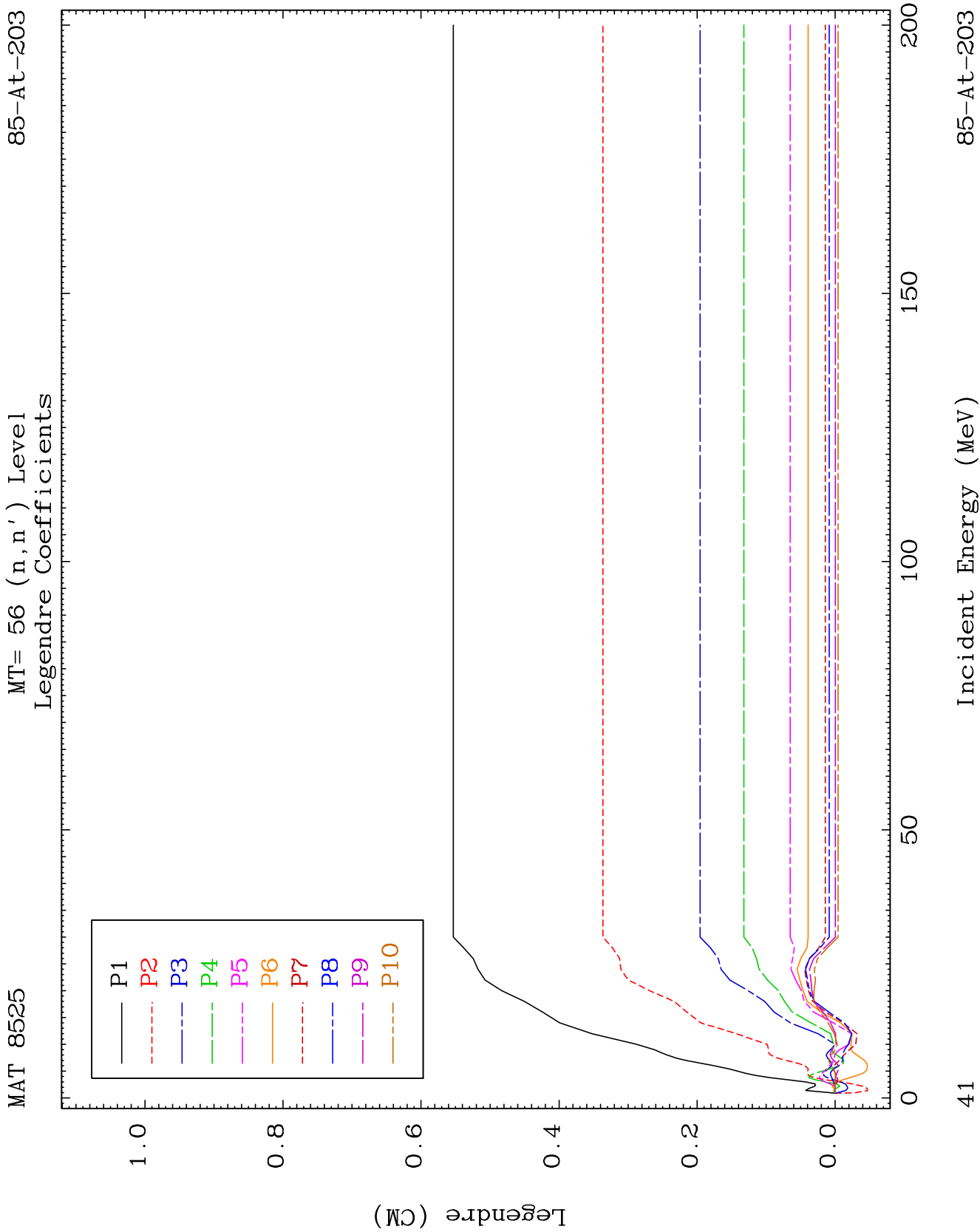
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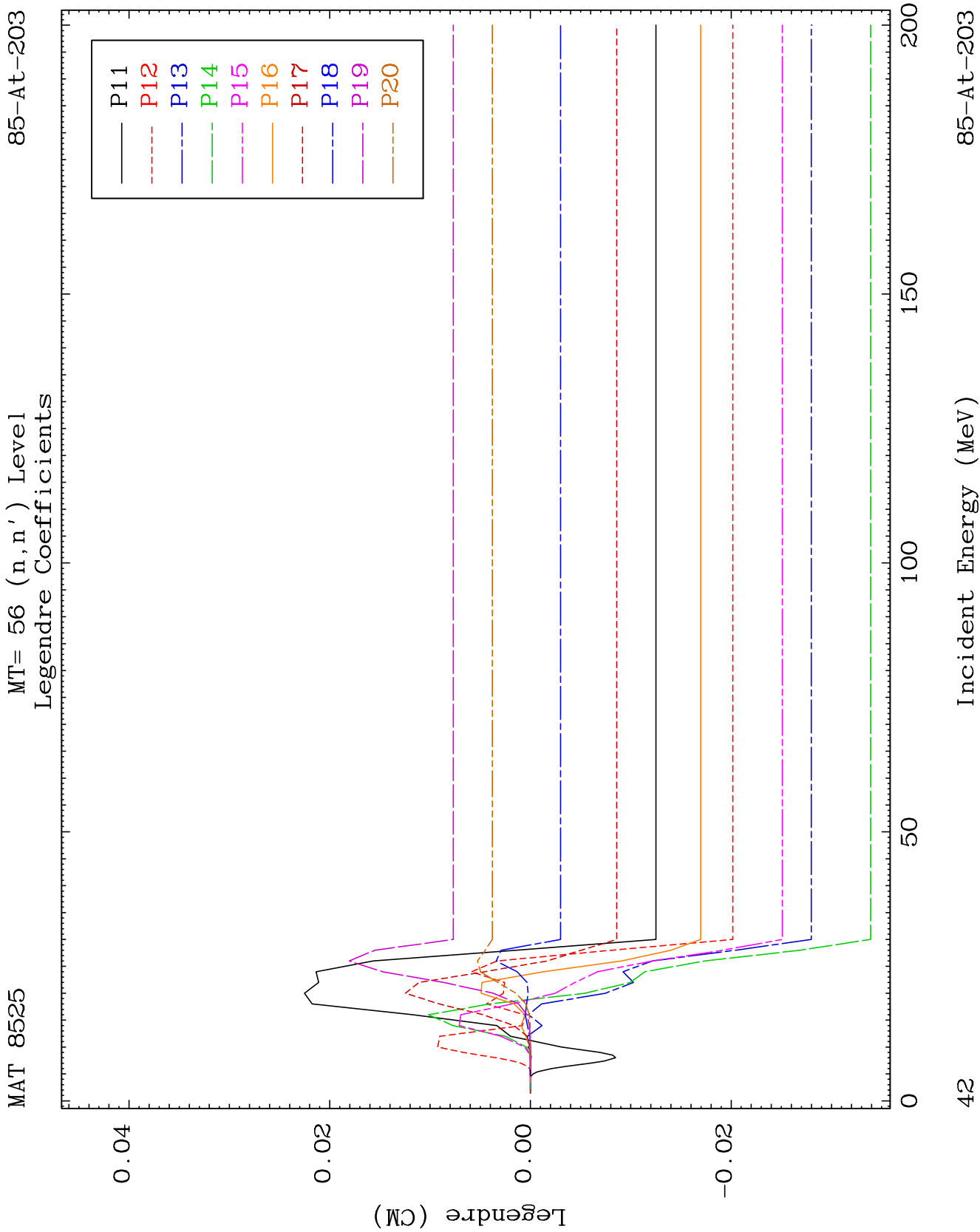
MAT 8525

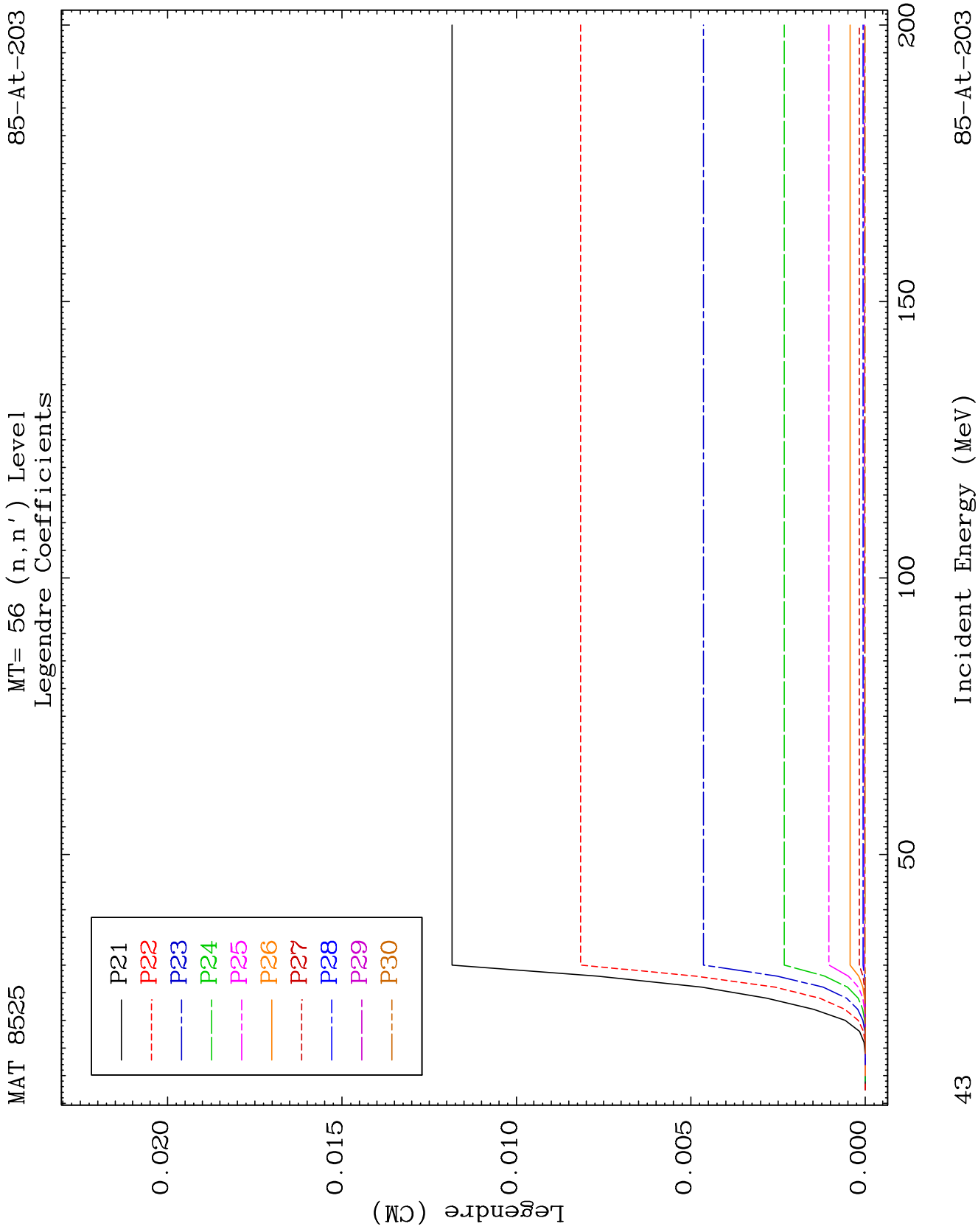
MT= 55 (n, n') Level
Legendre Coefficients

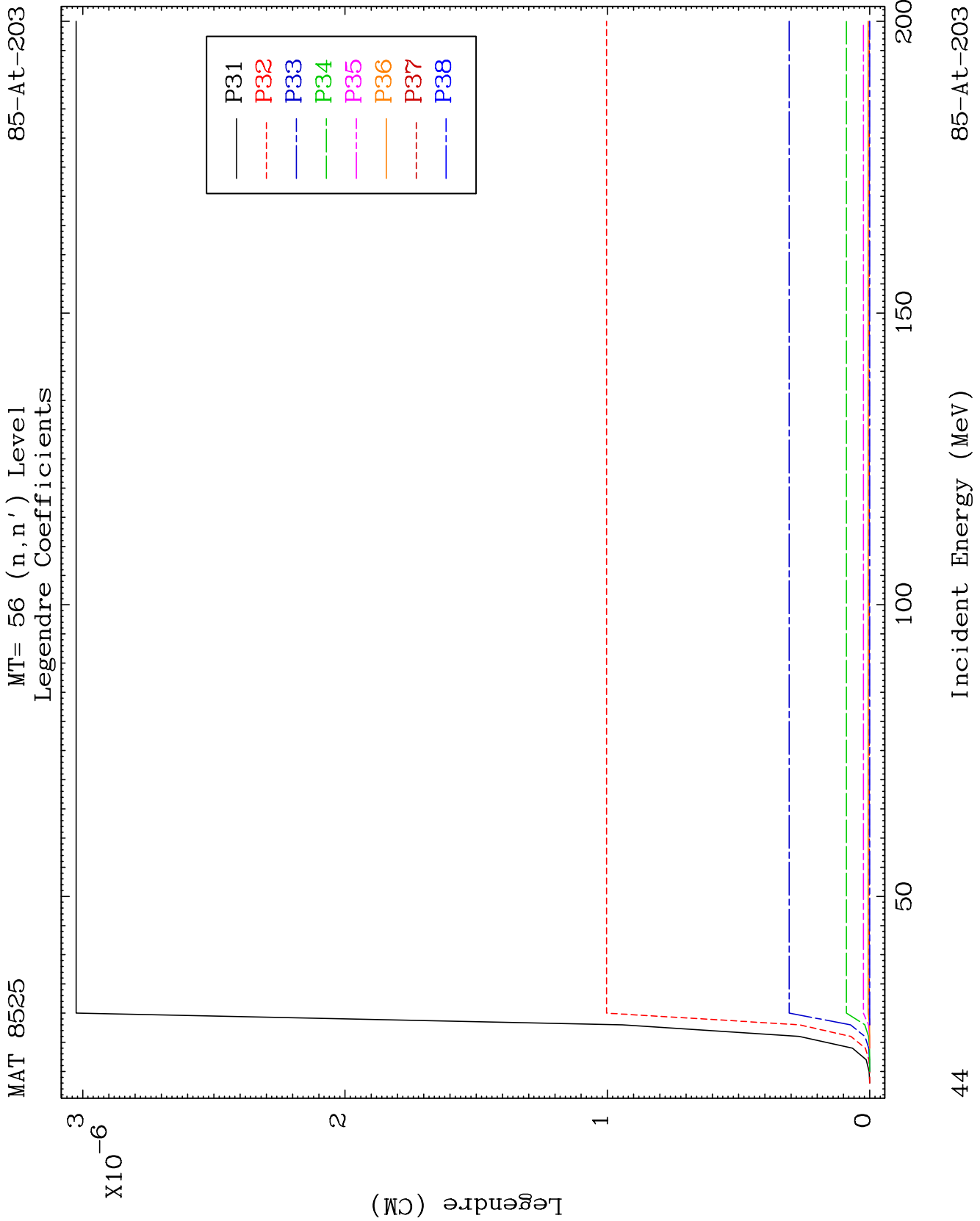
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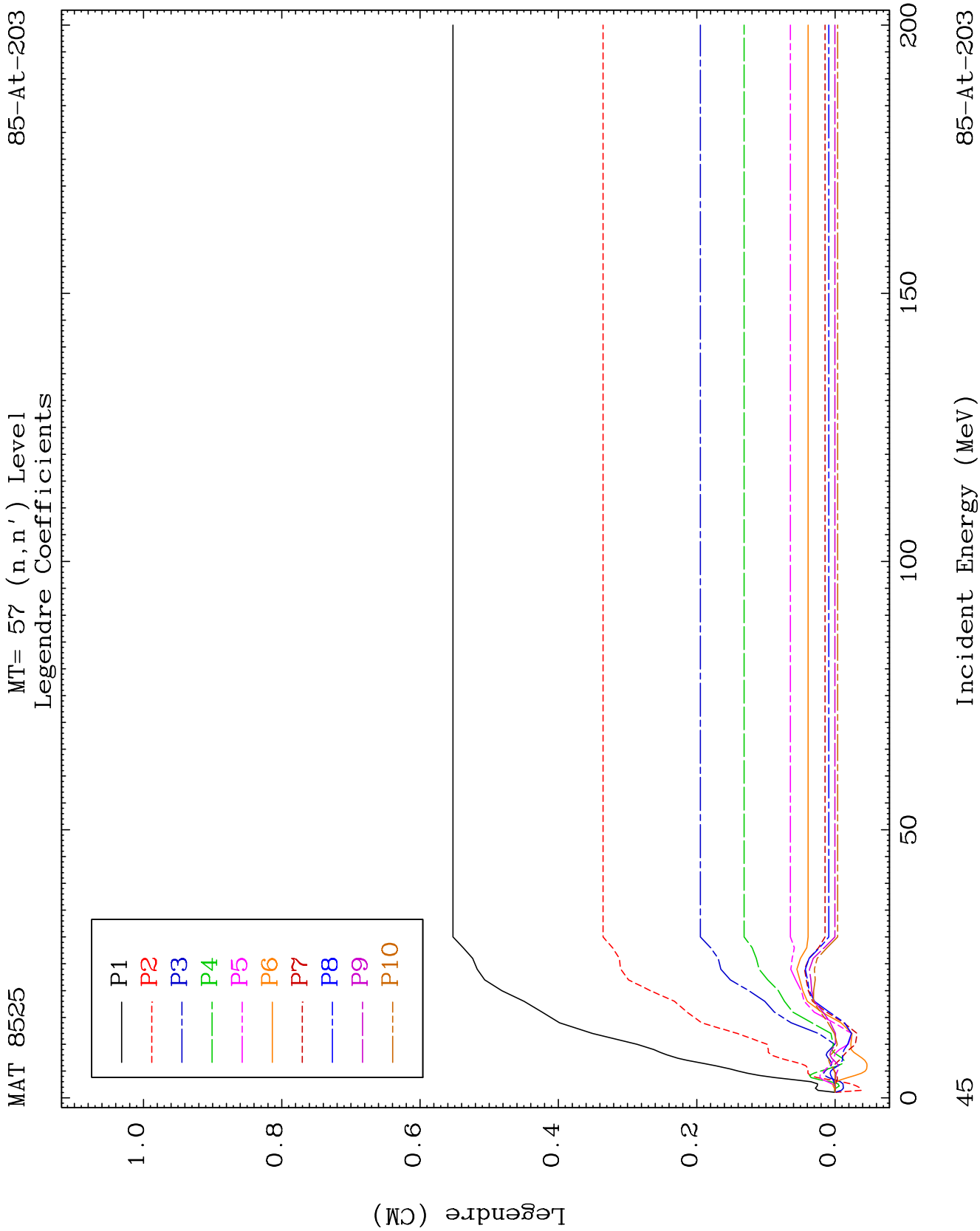


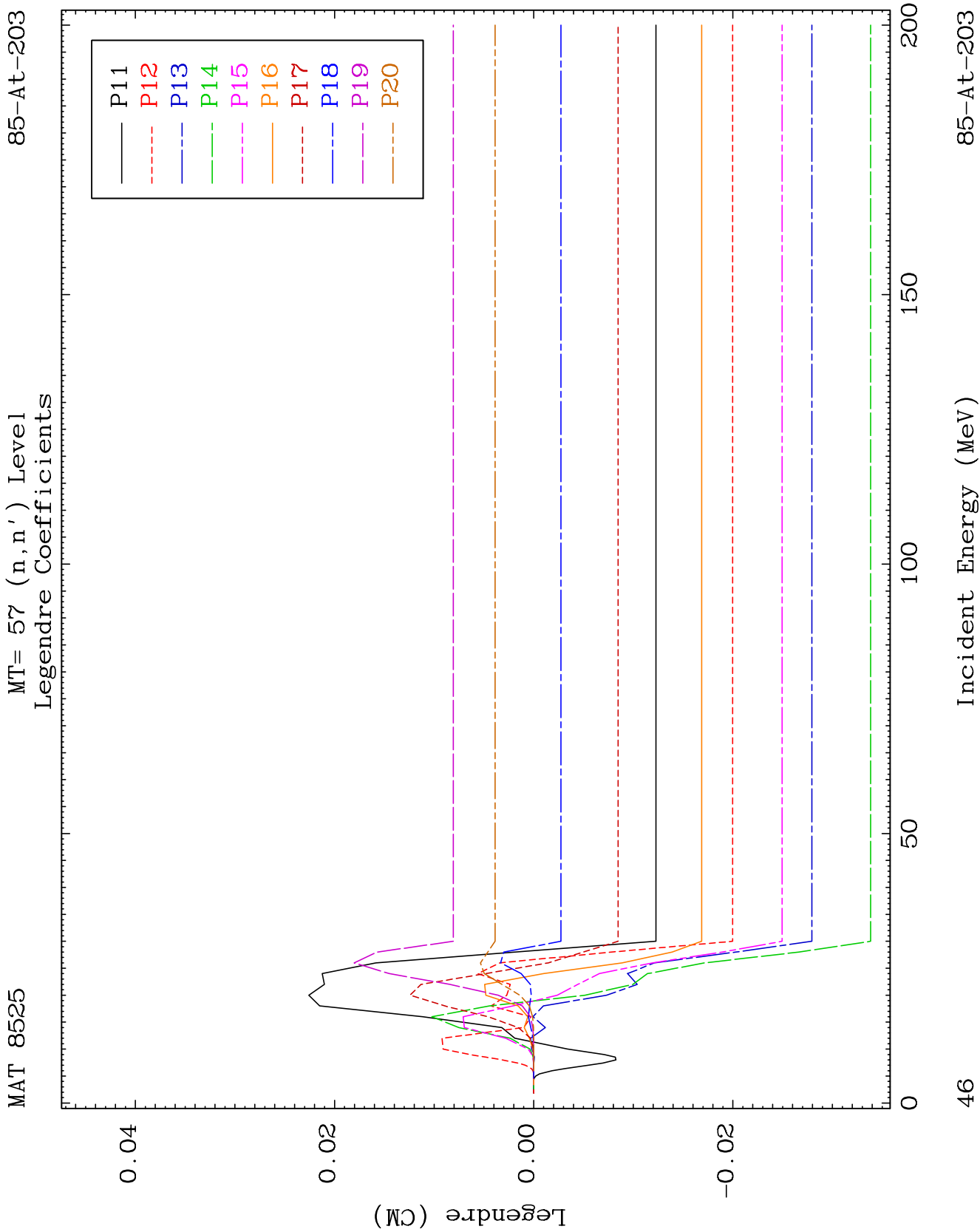


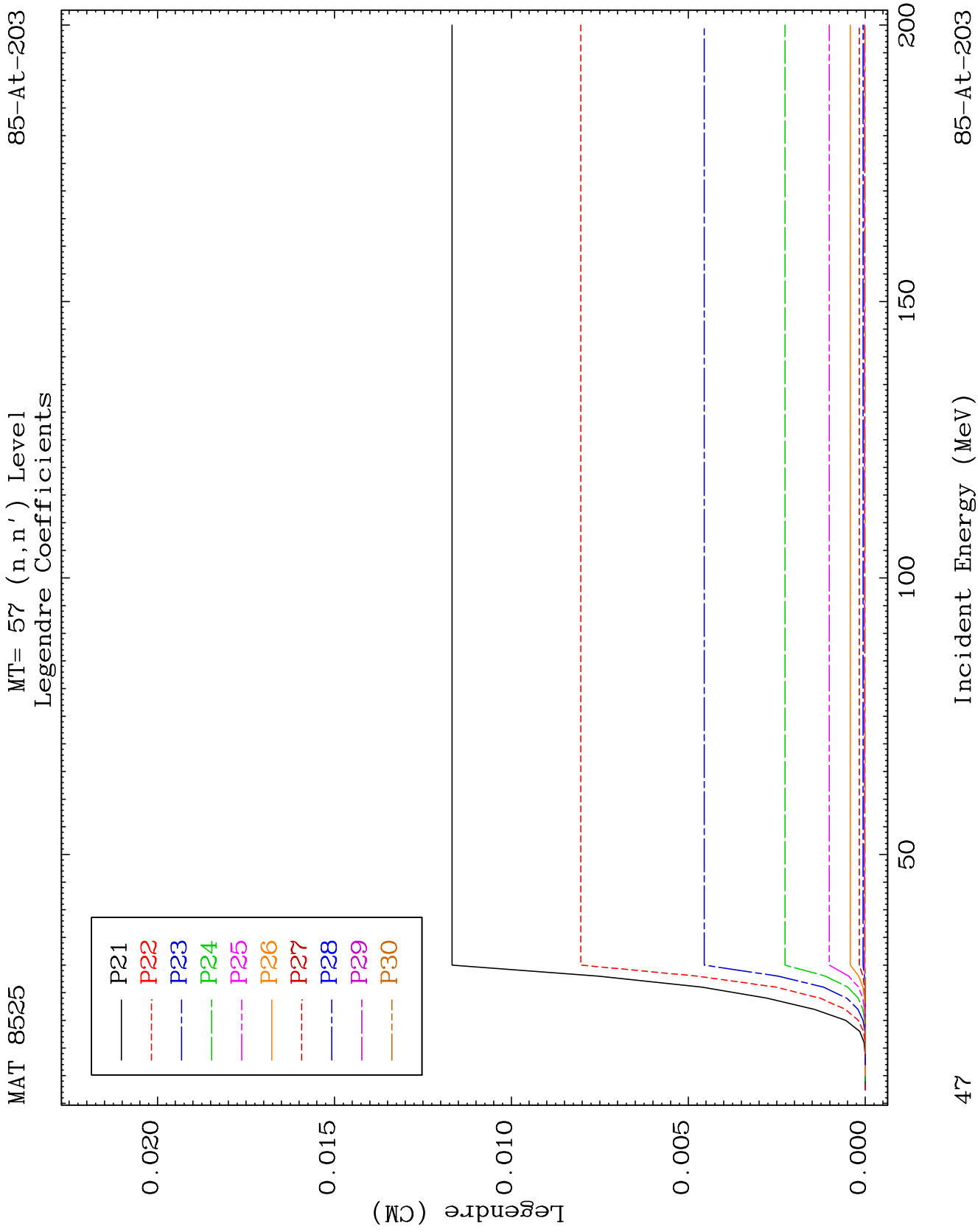


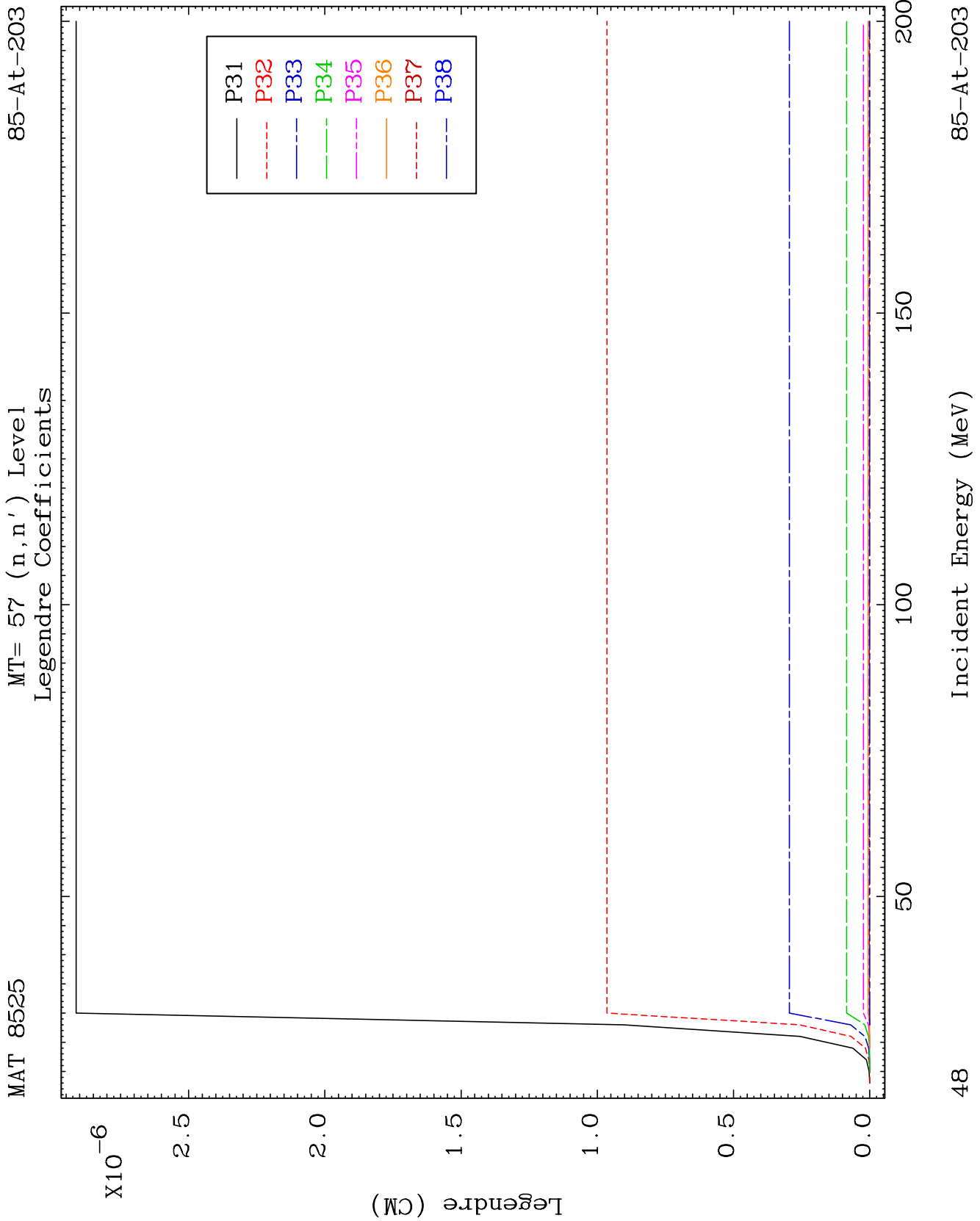


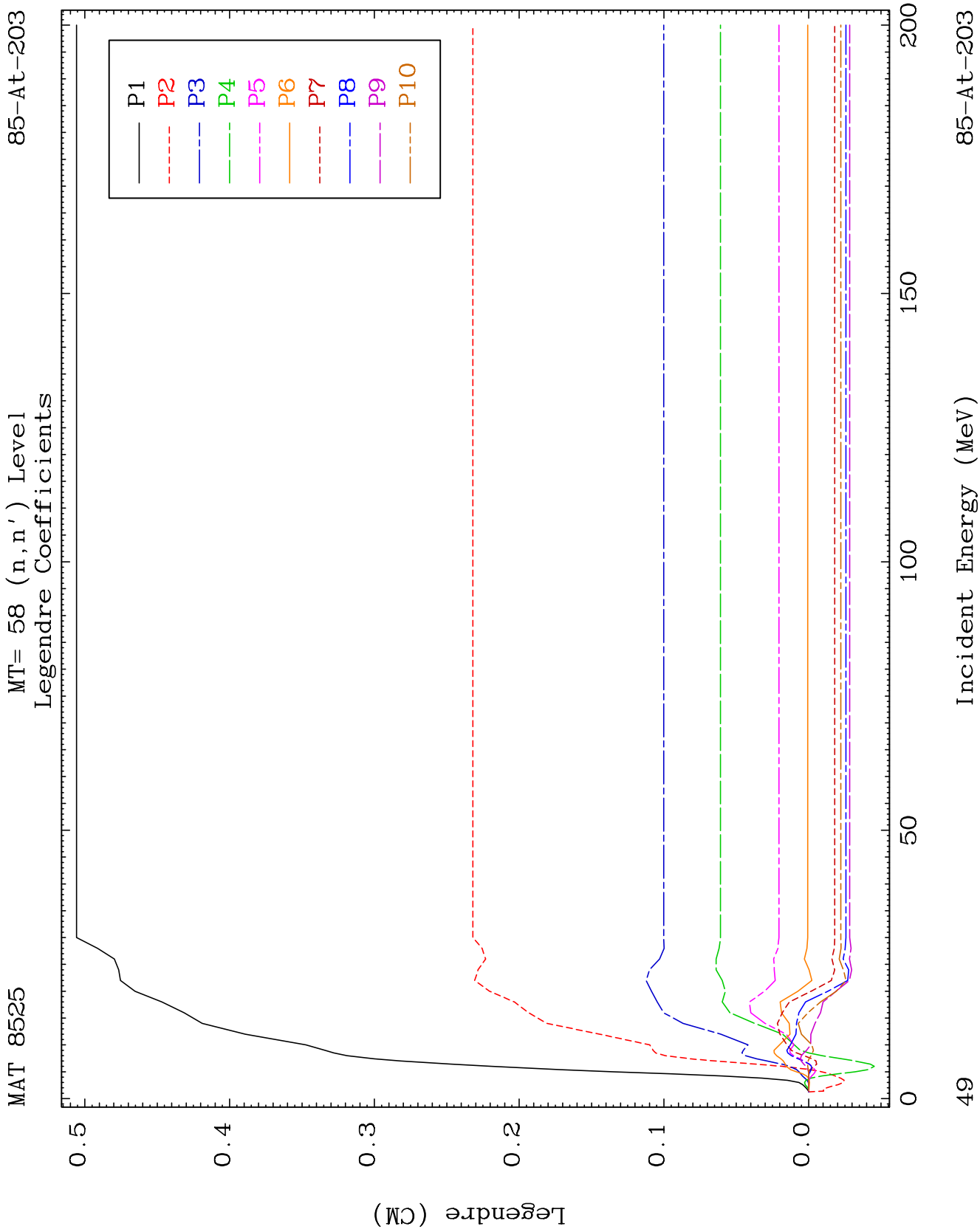


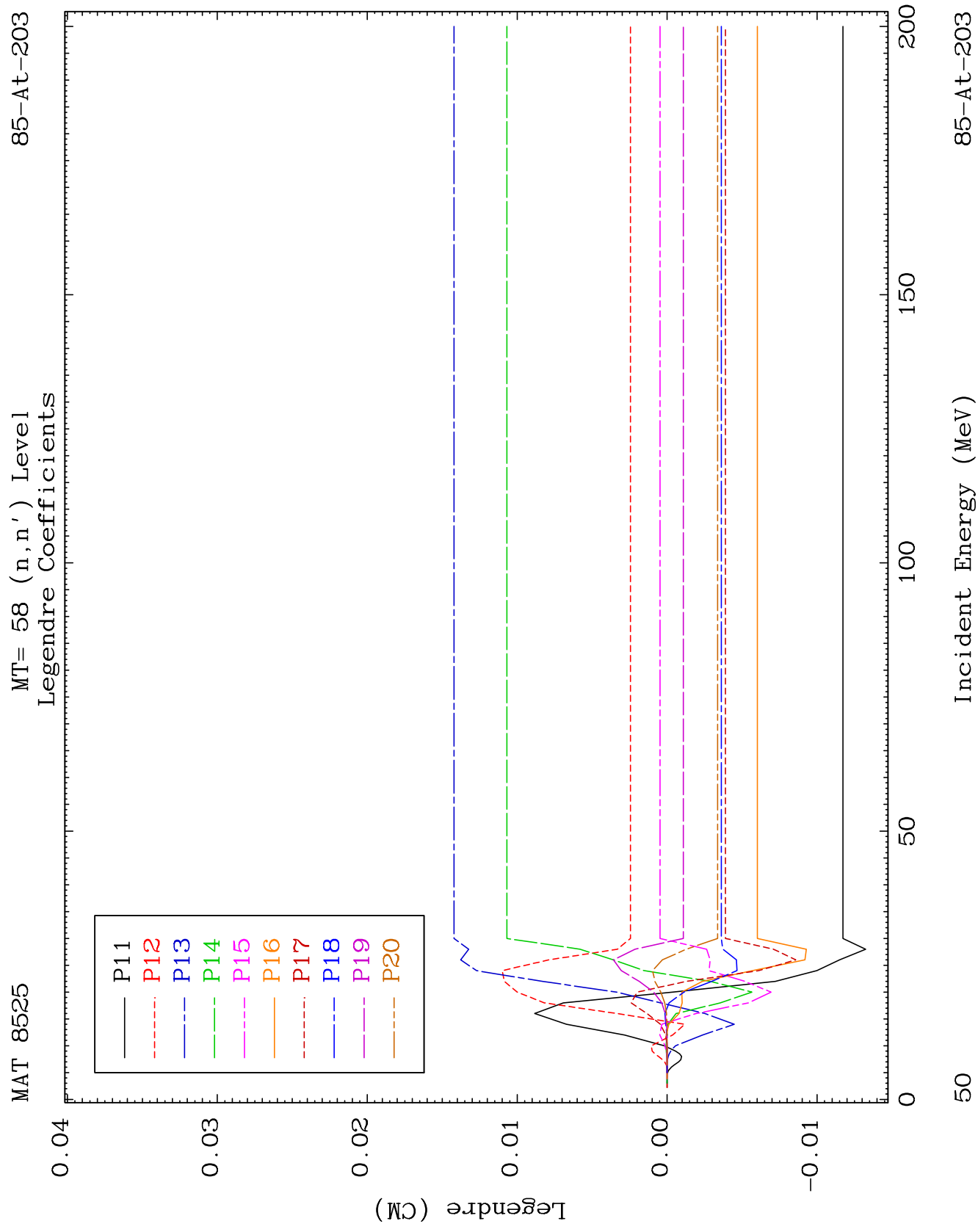


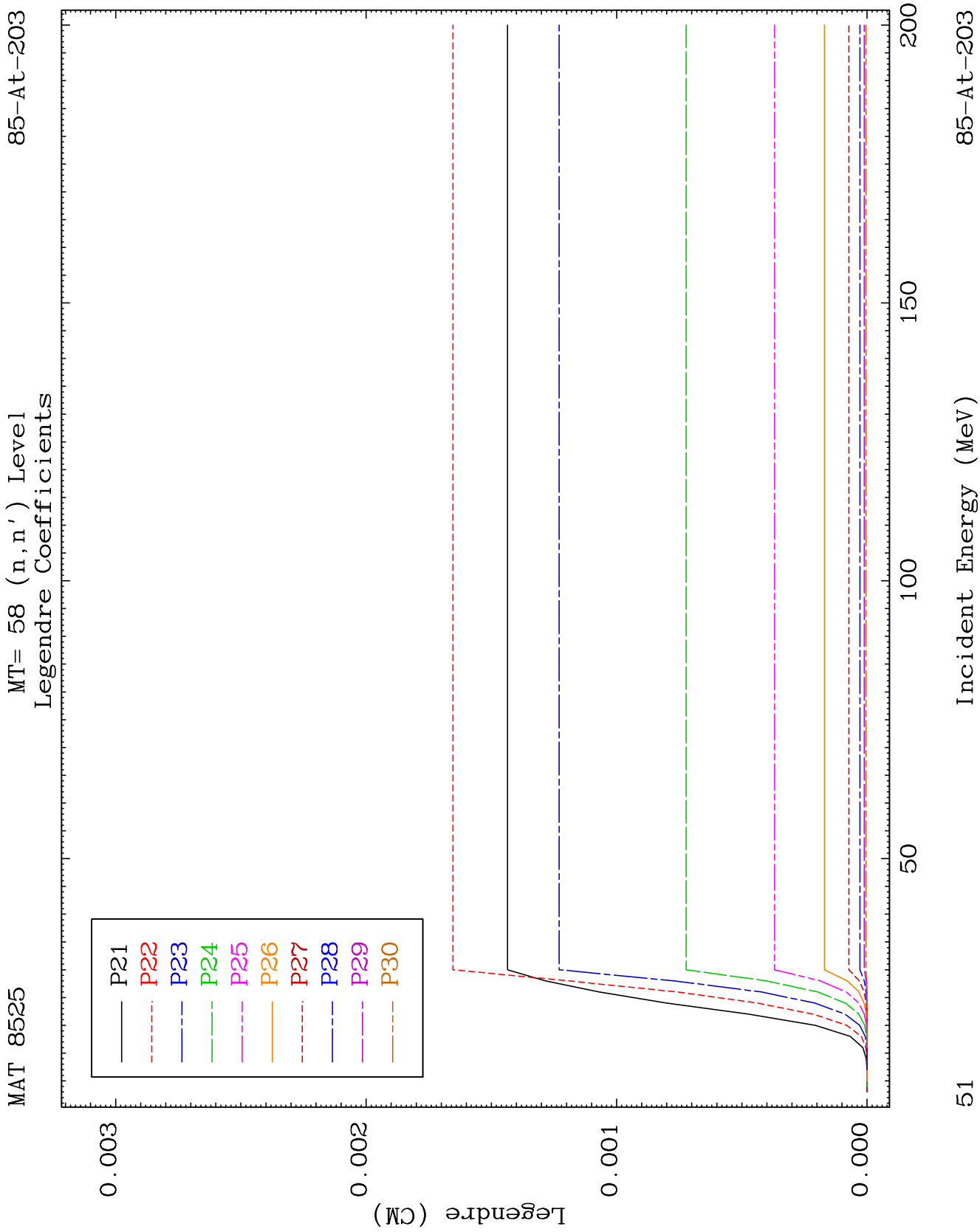








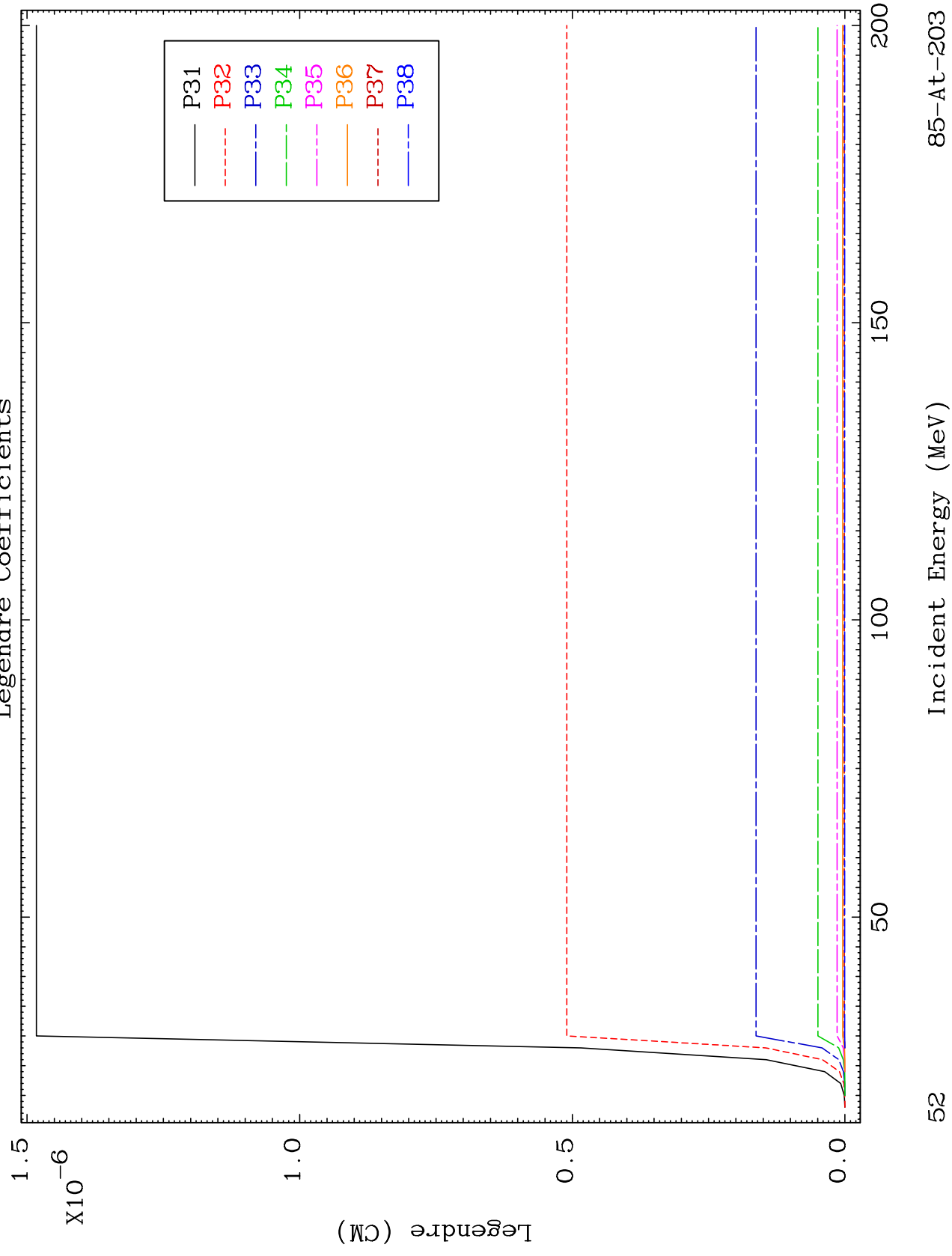


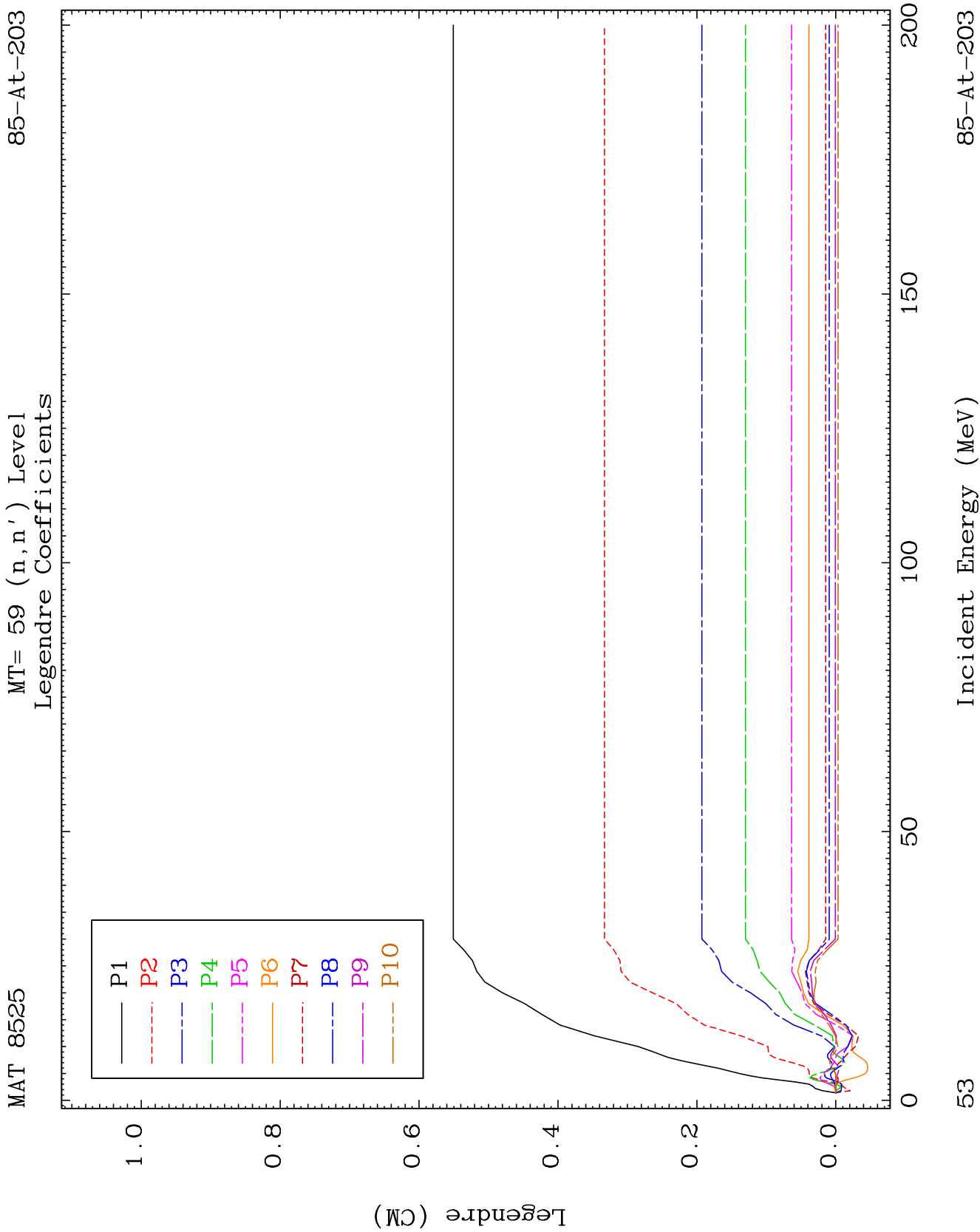


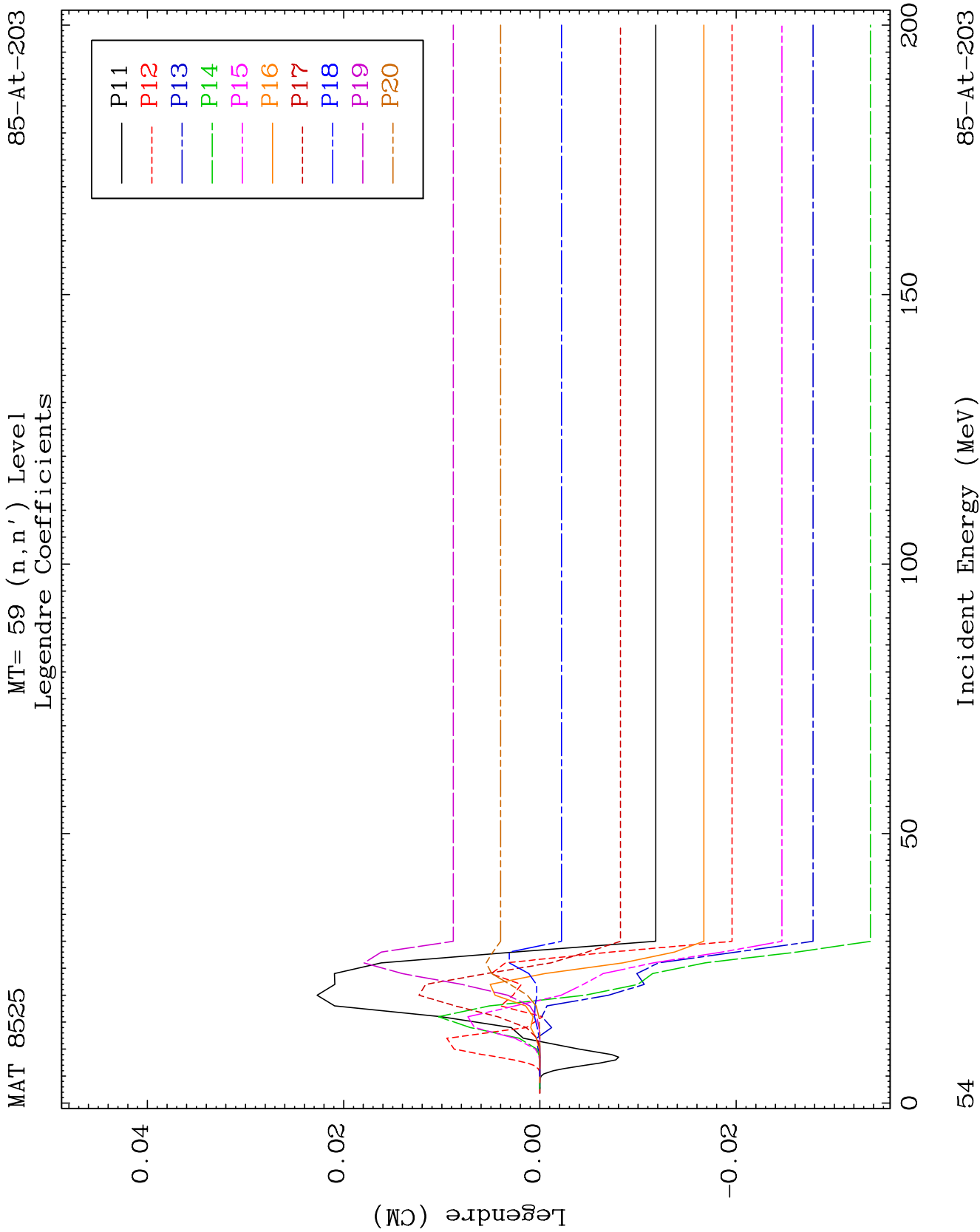
MAT 8525

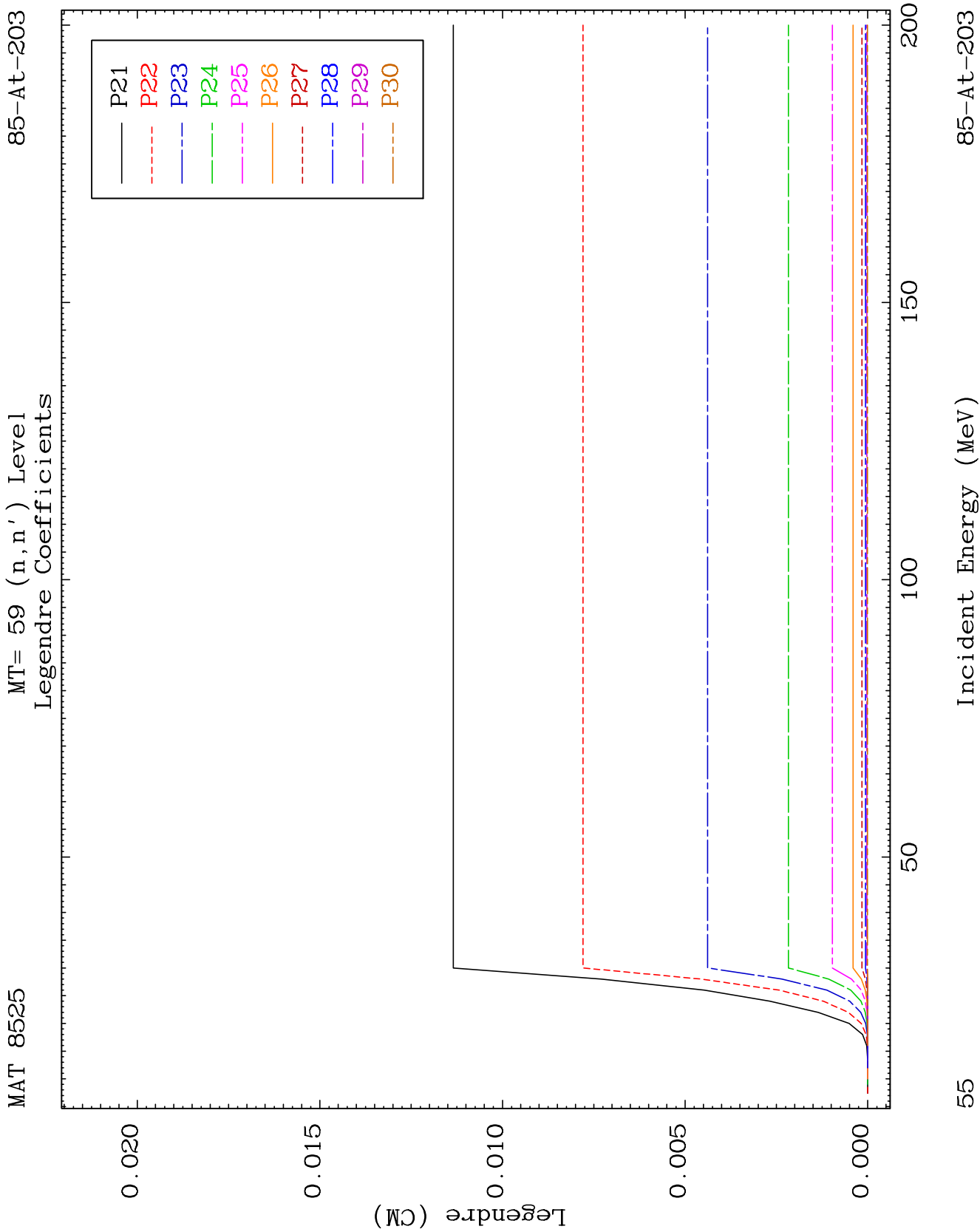
MT= 58 (n, n') Level
Legendre Coefficients

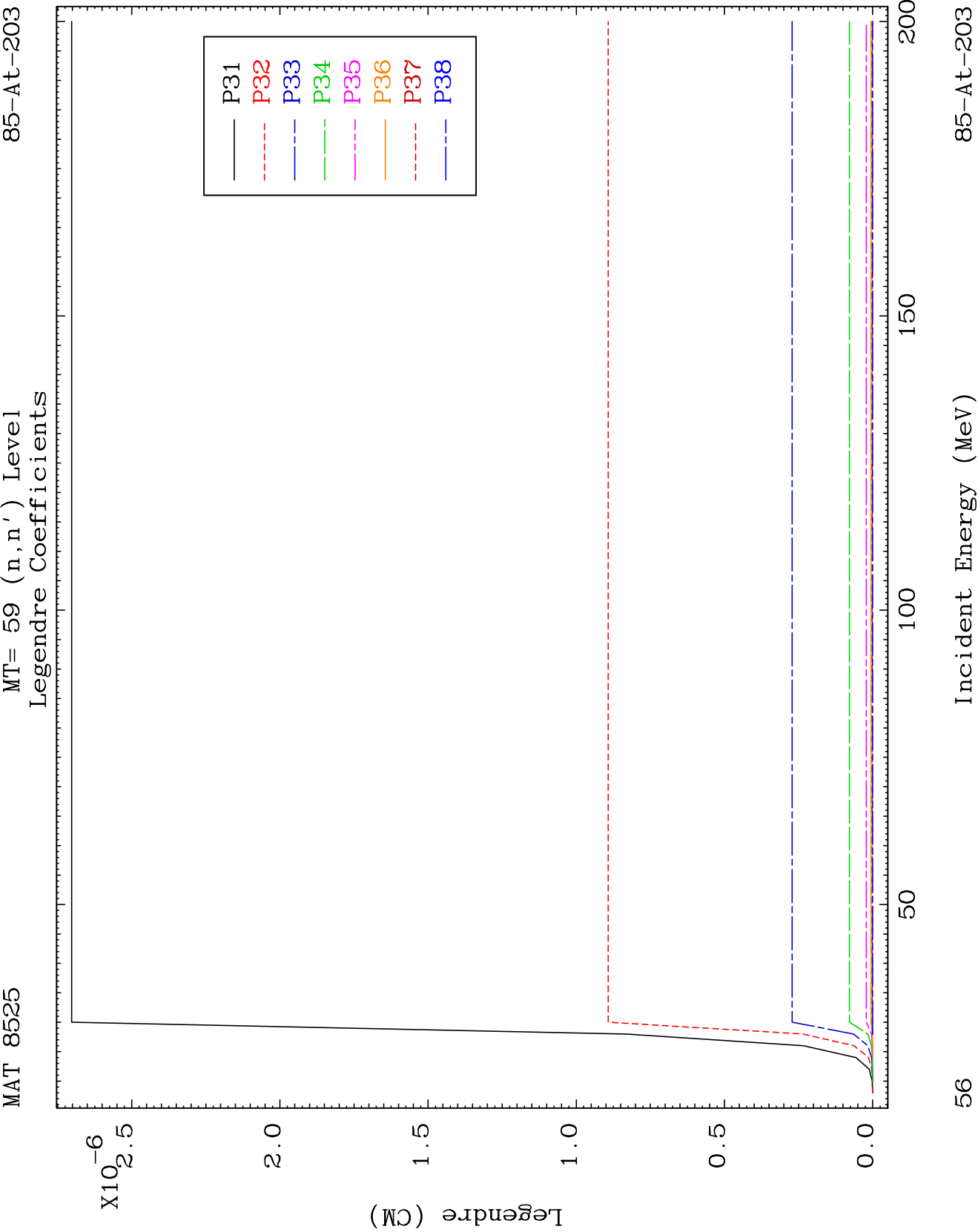
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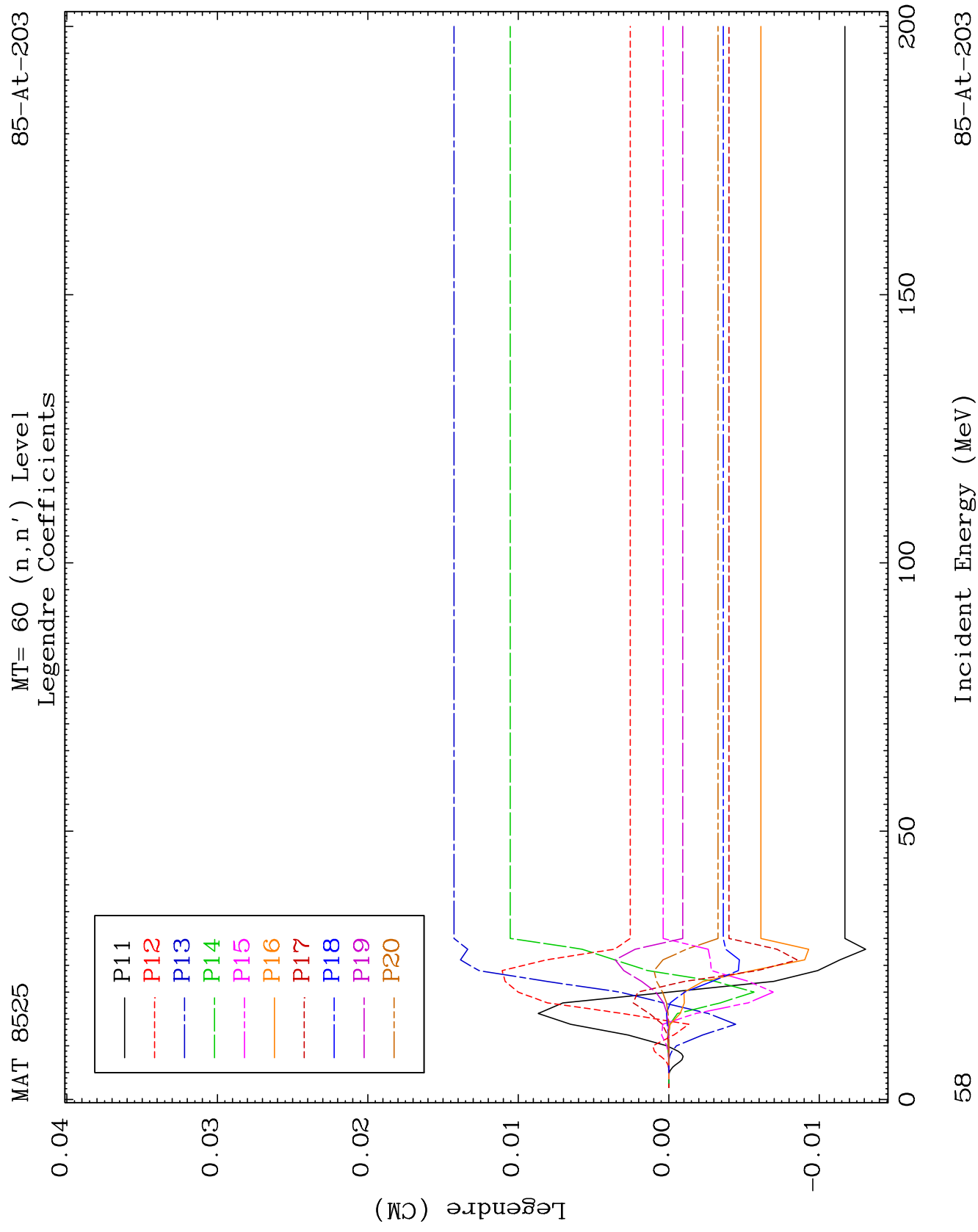








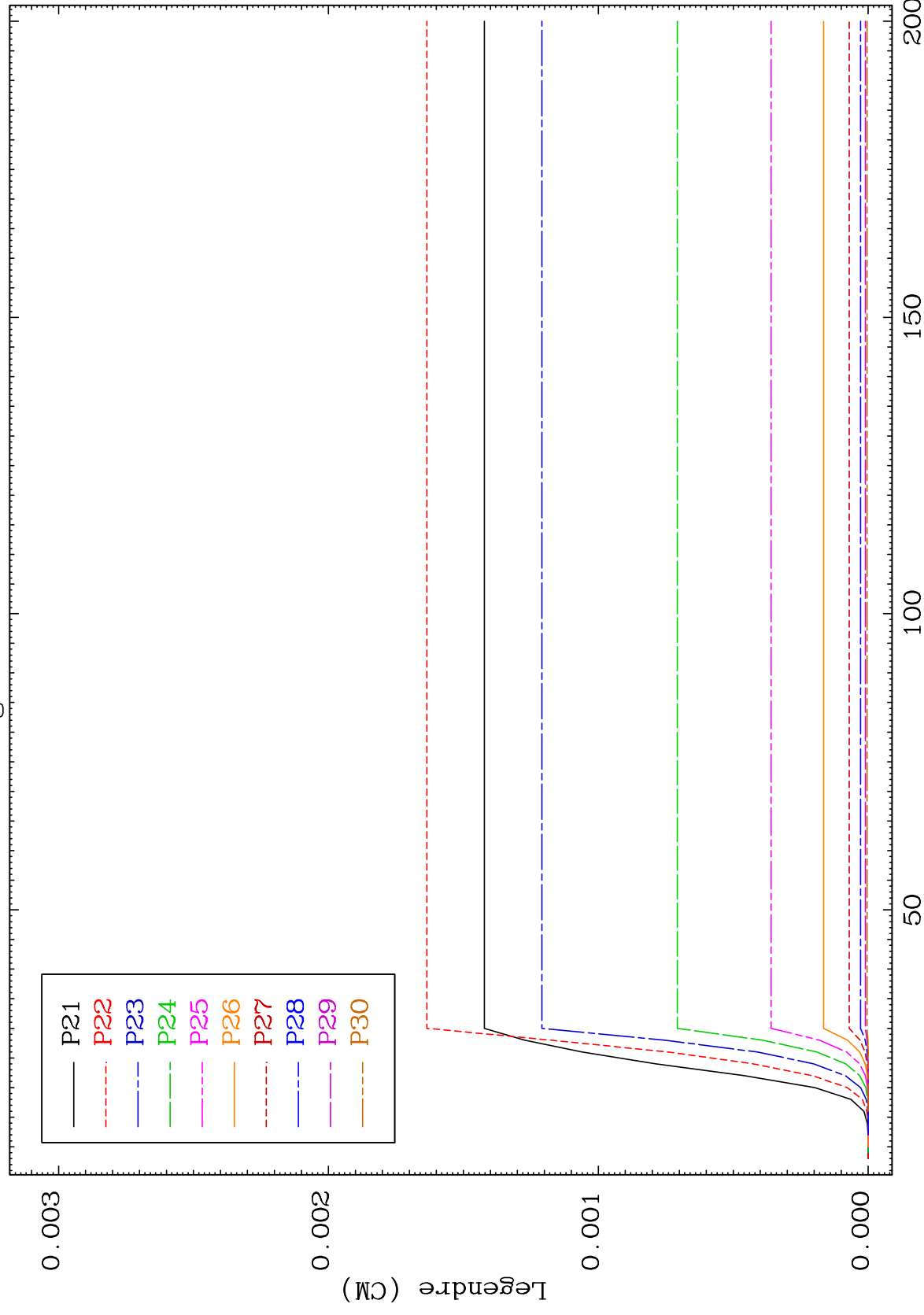




MAT 8525

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

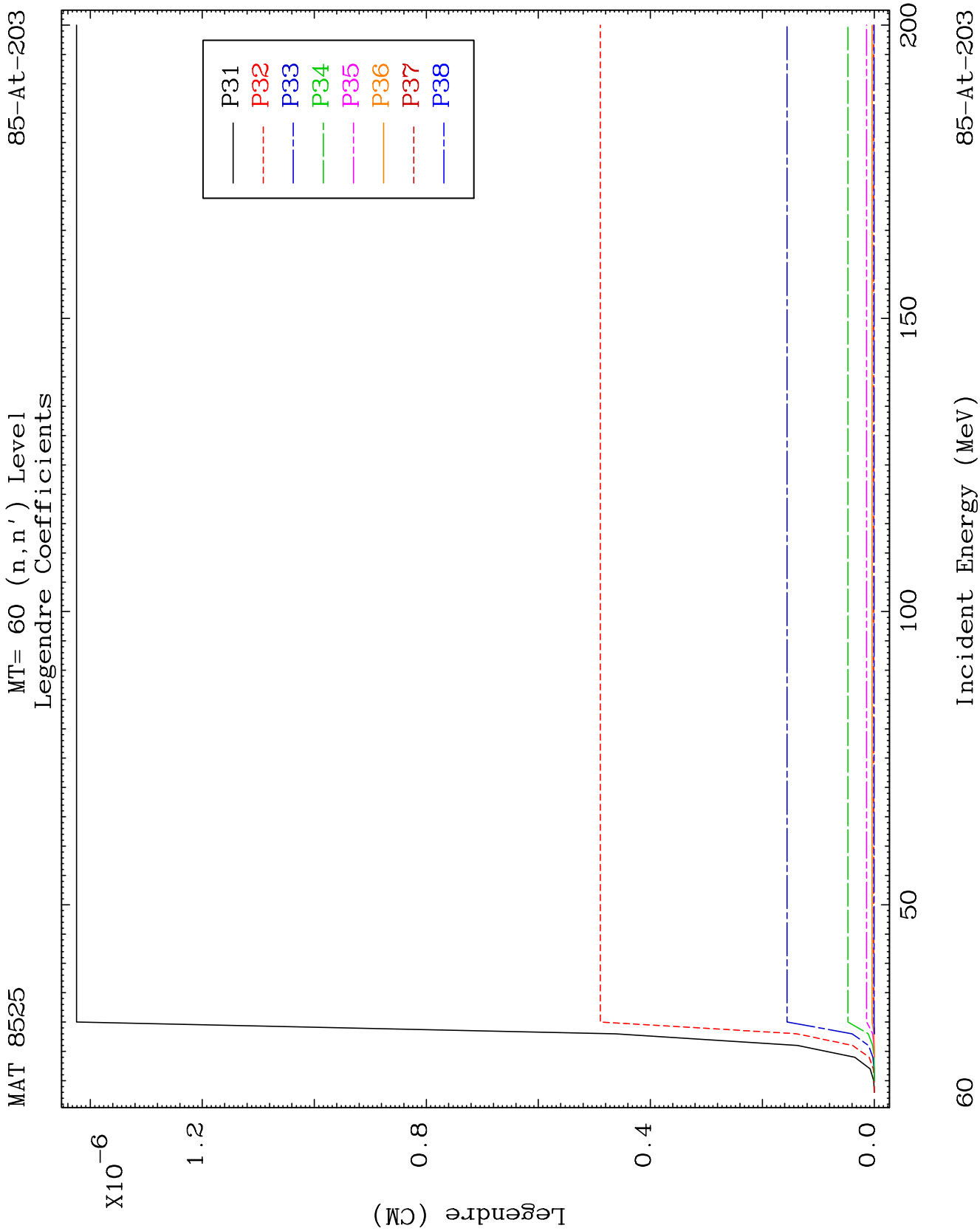
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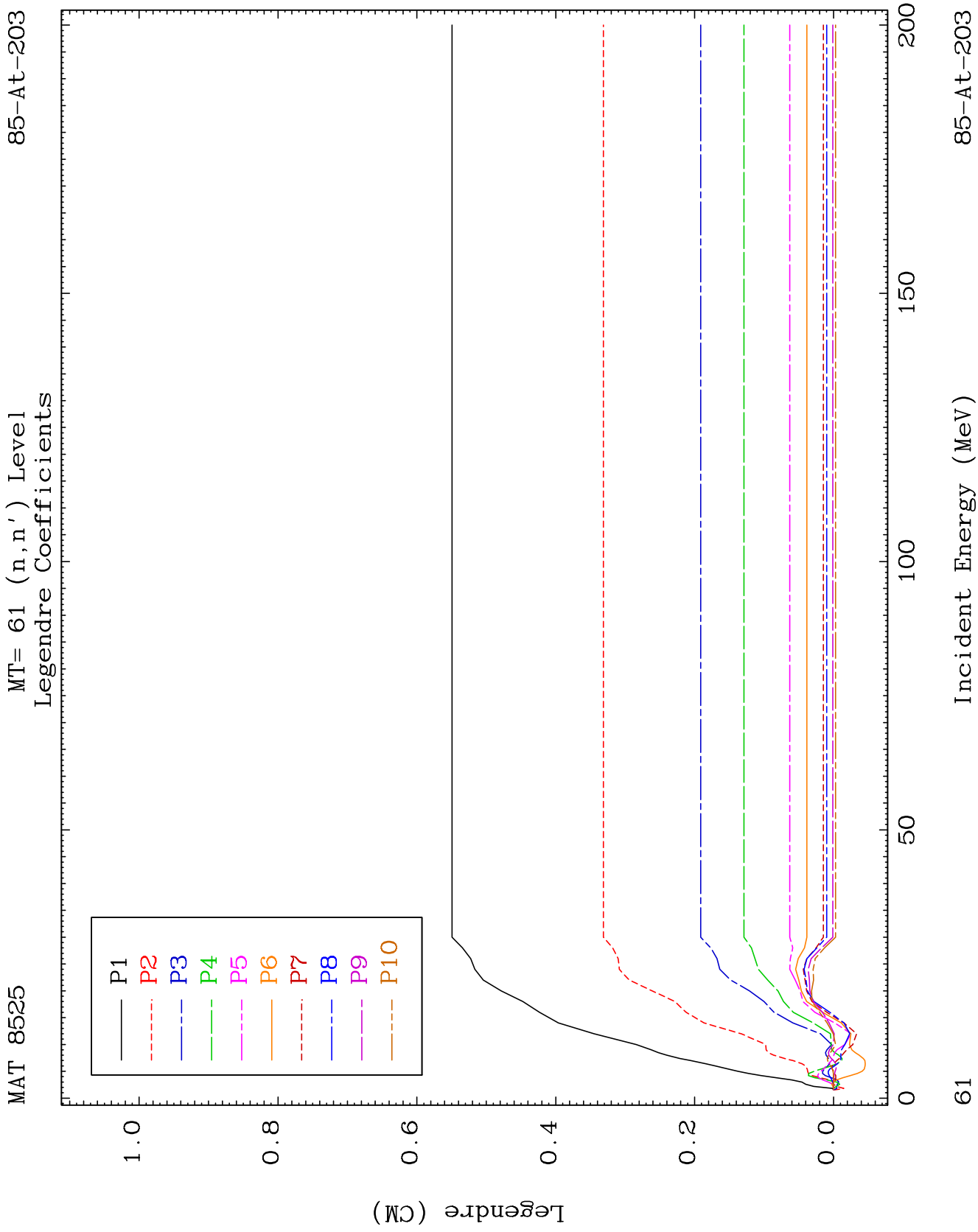


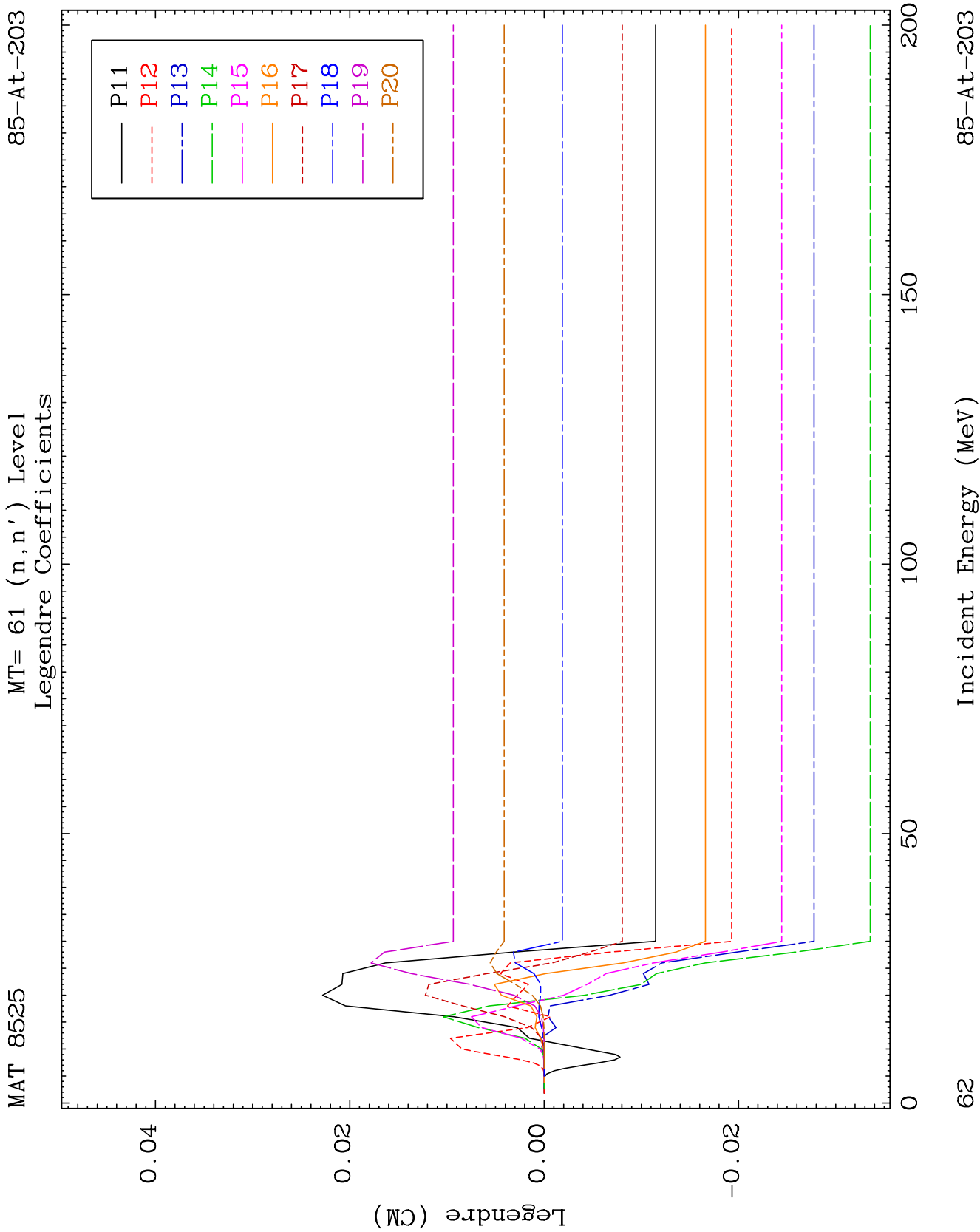
59

Incident Energy (MeV)

85-At-203



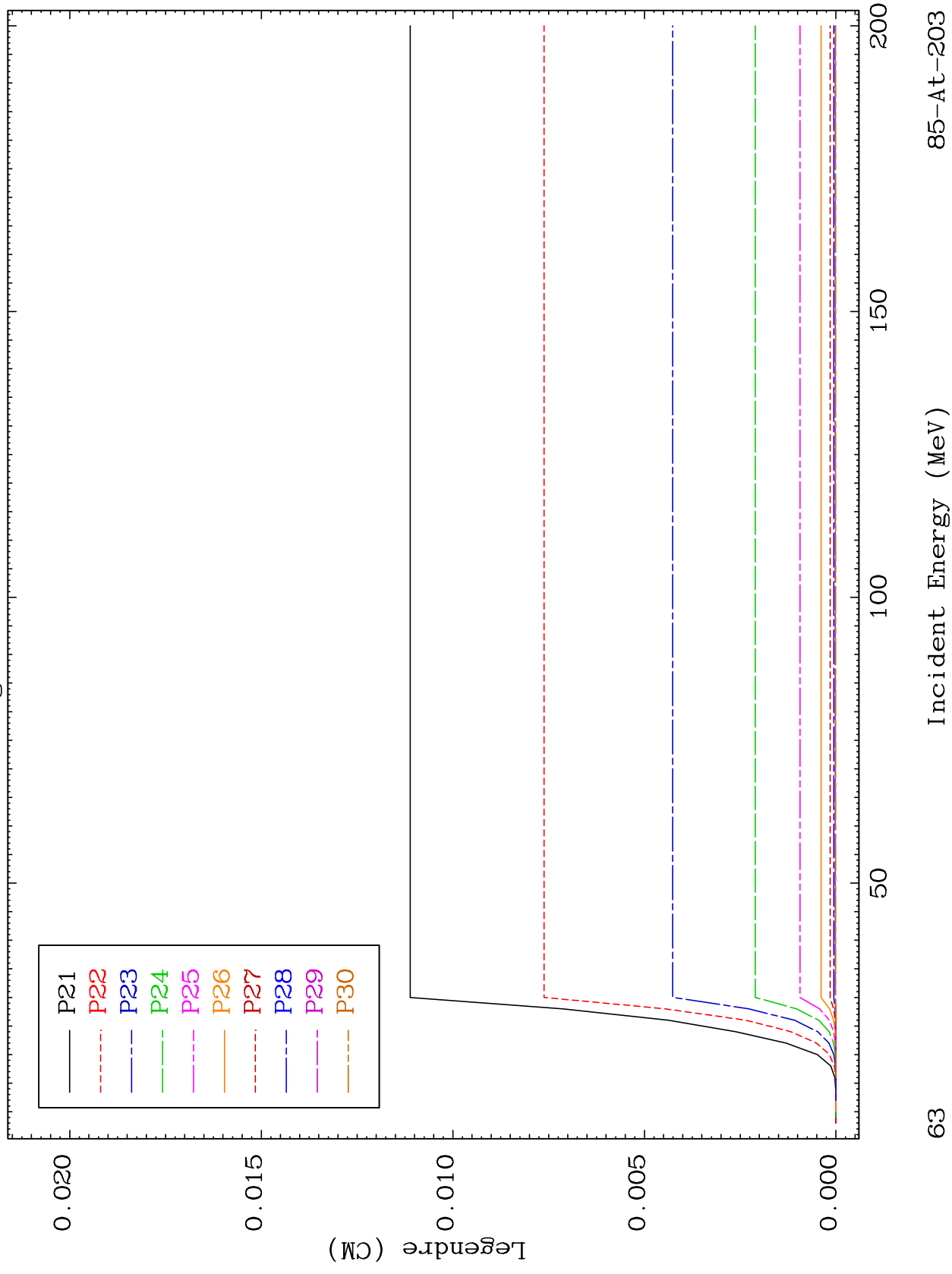




MAT 8525

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

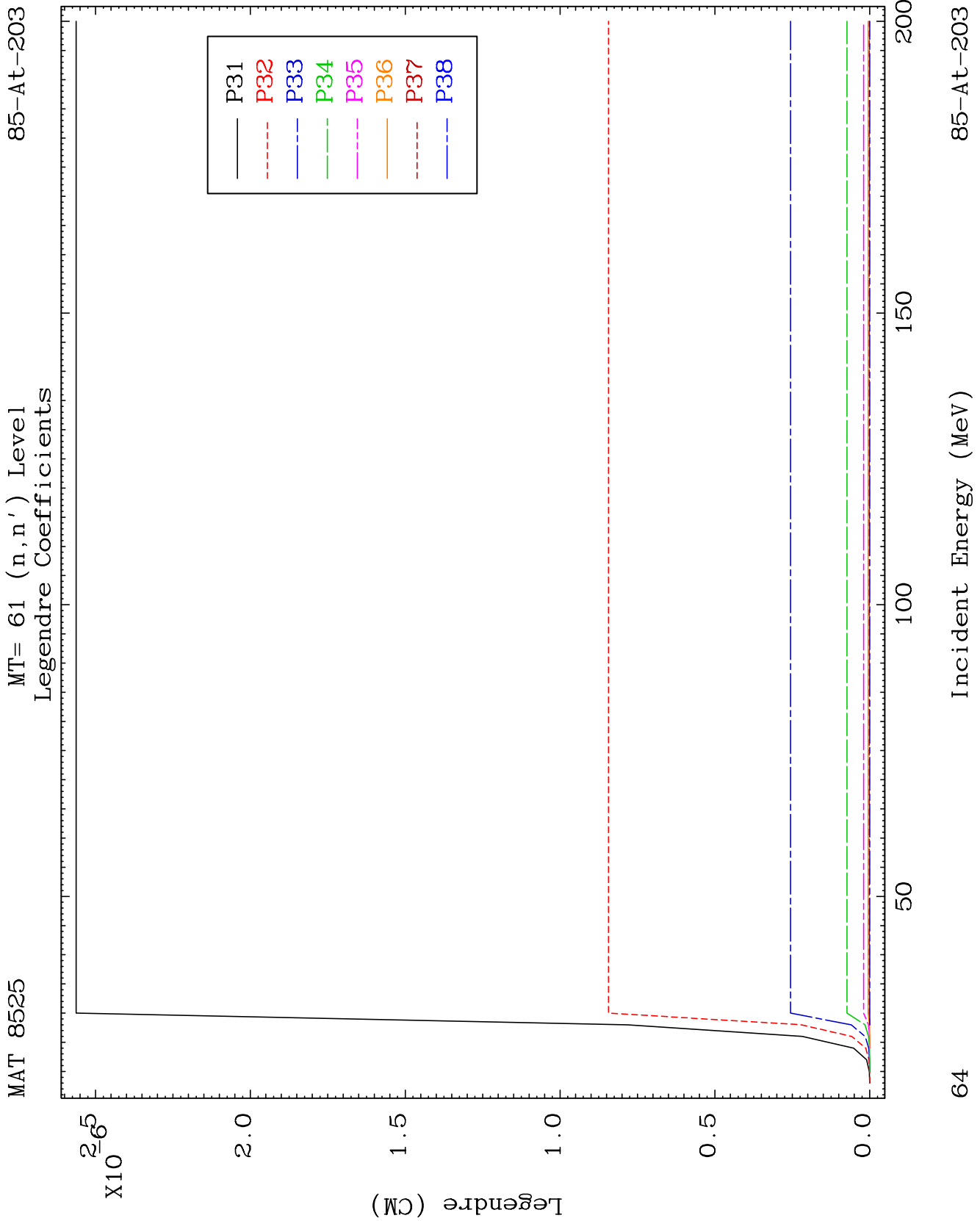
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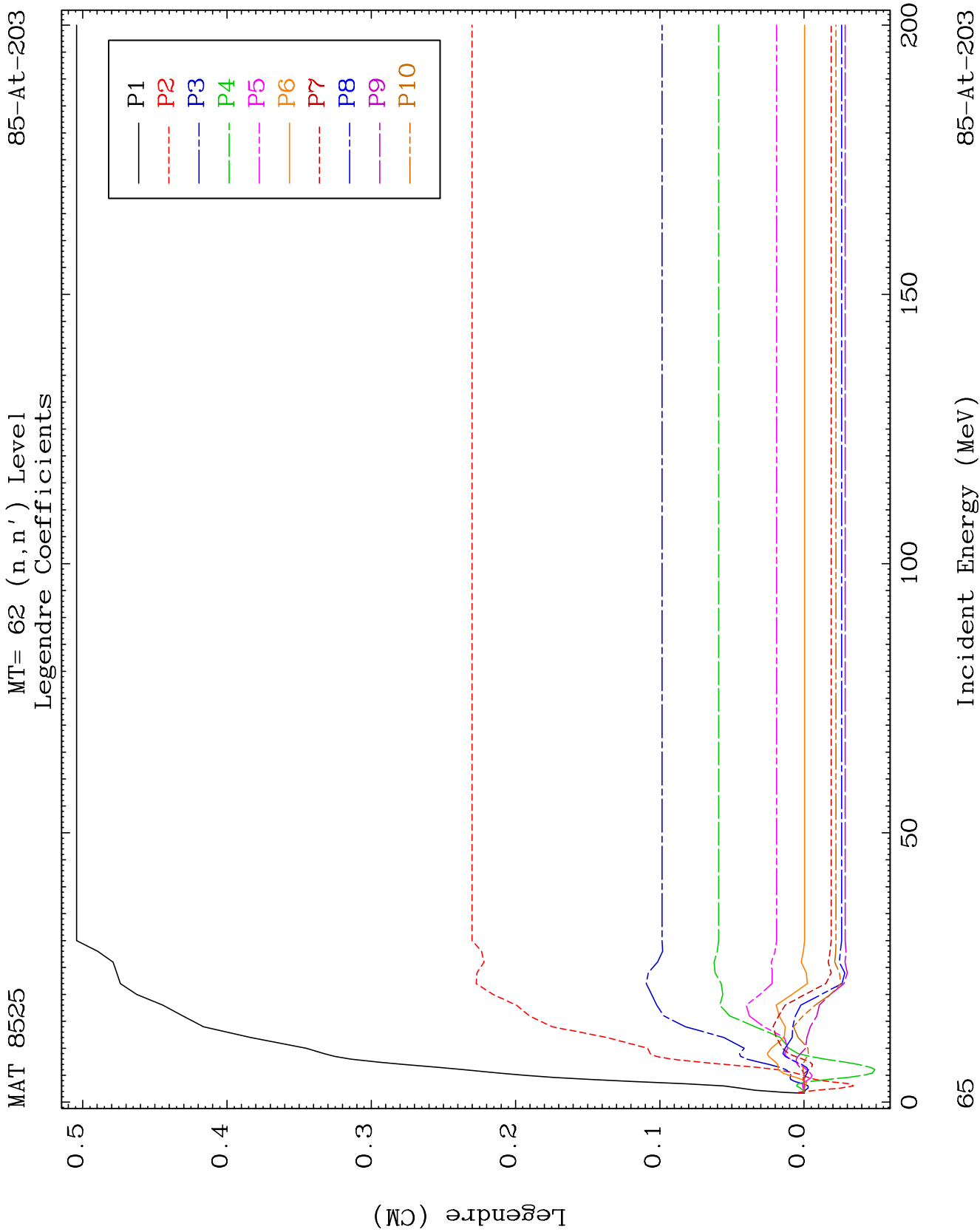


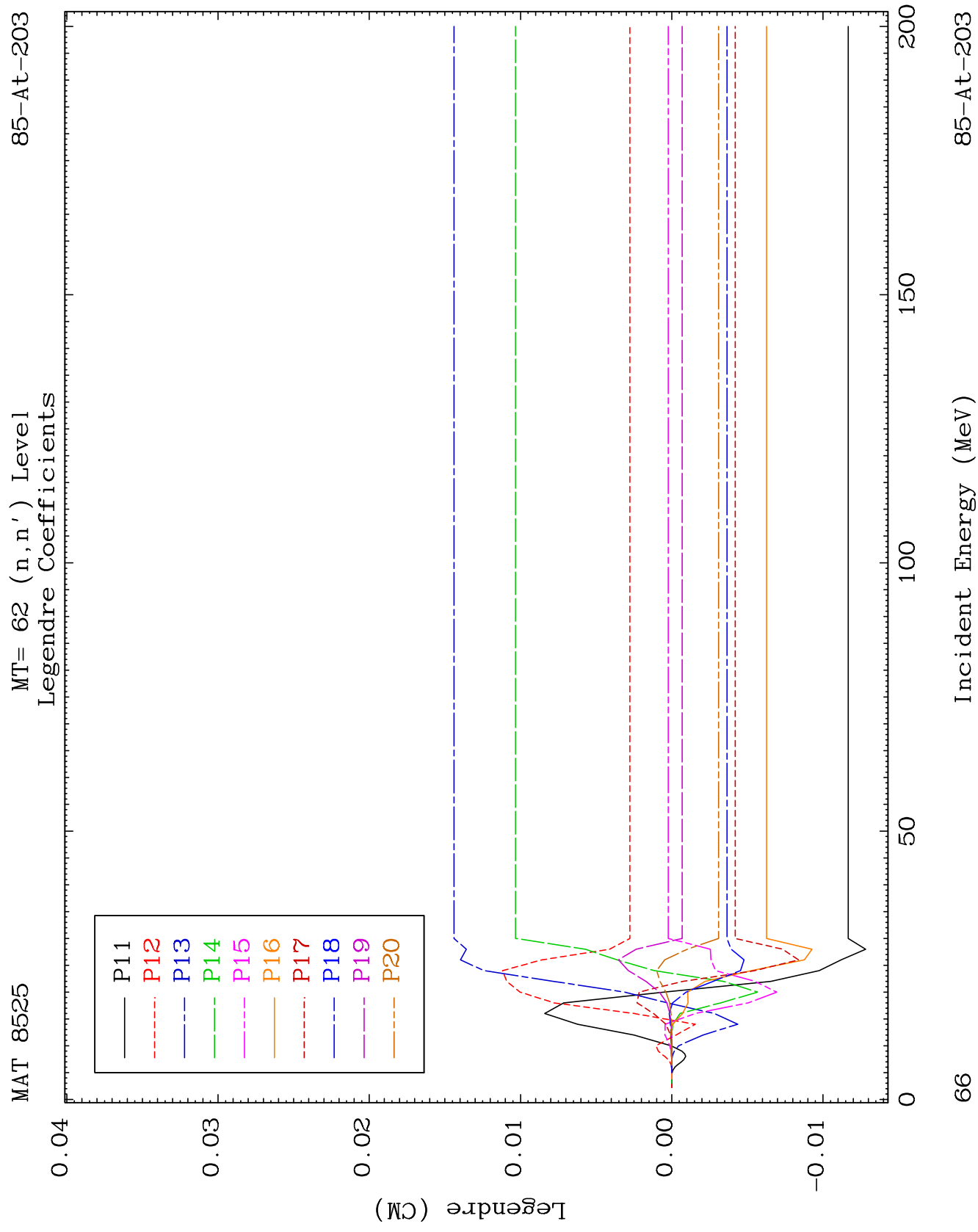
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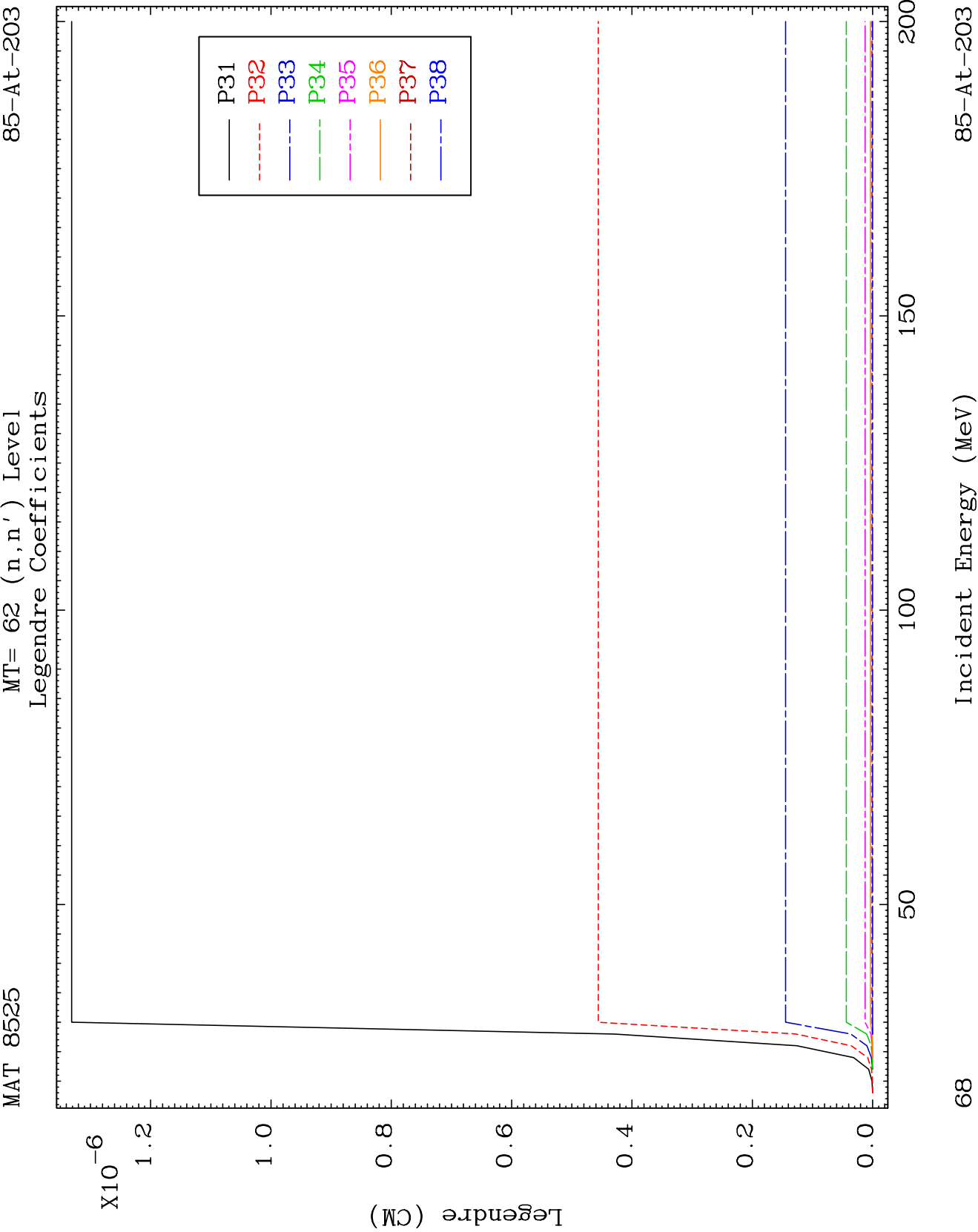
Incident Energy (MeV)

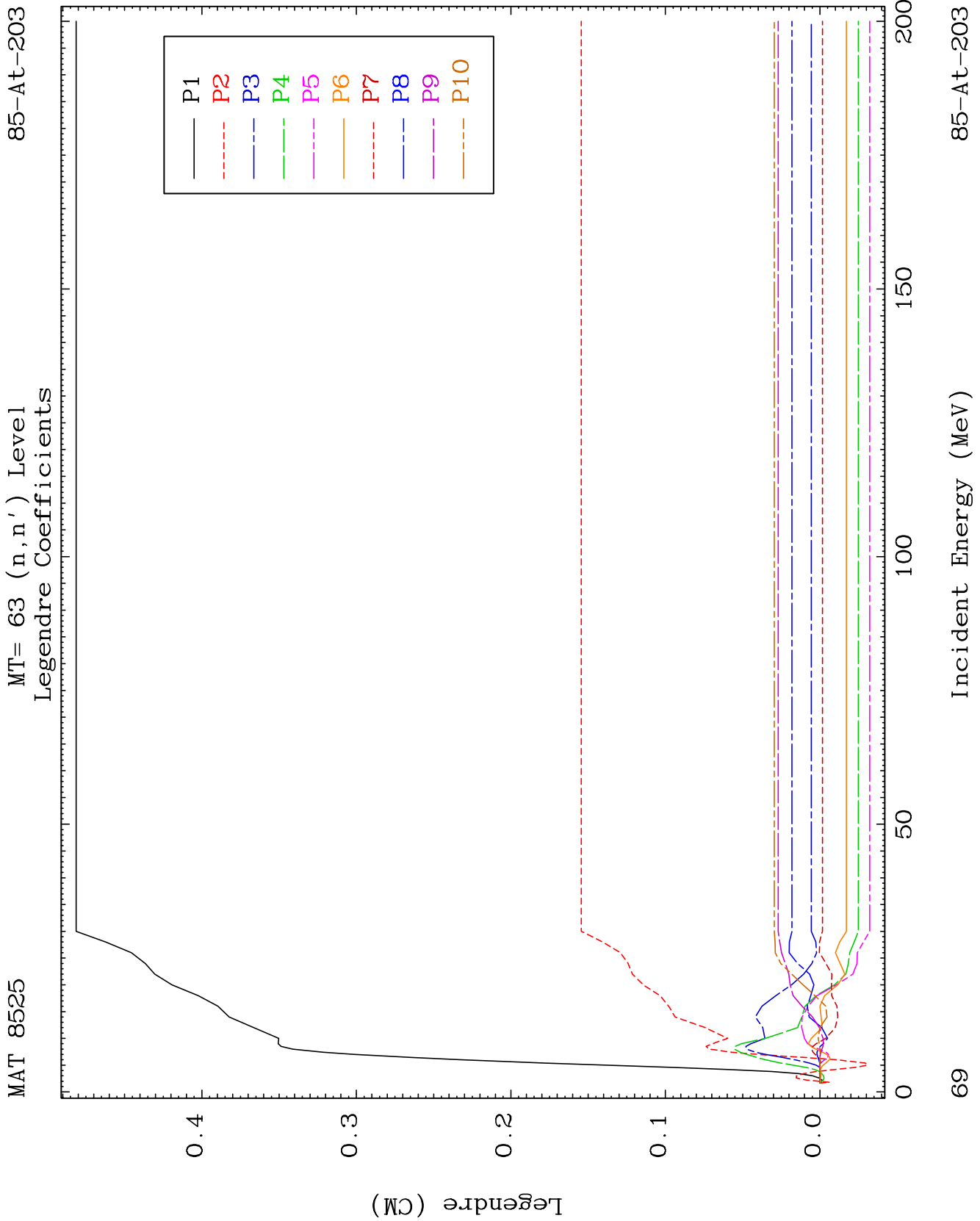
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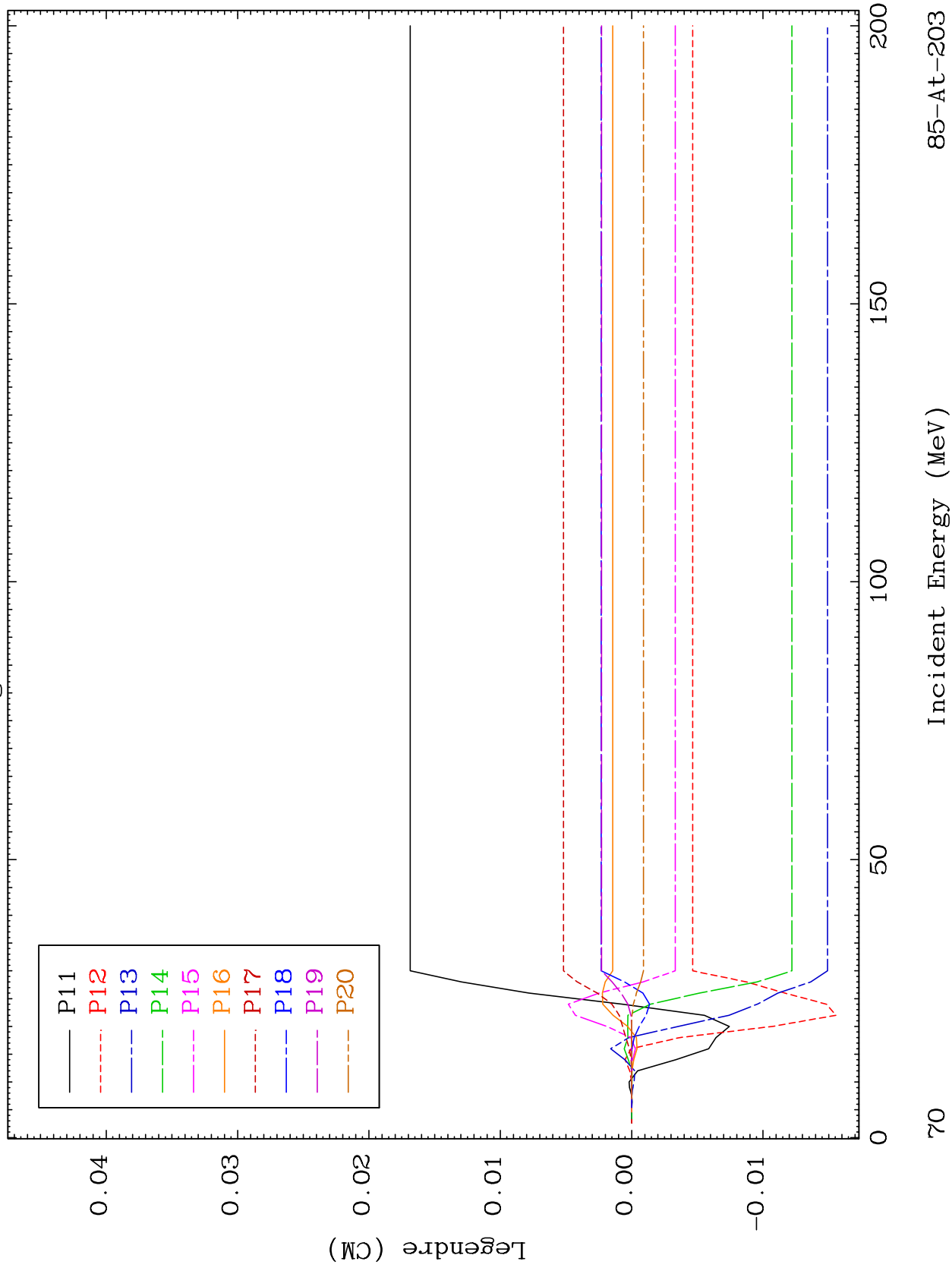


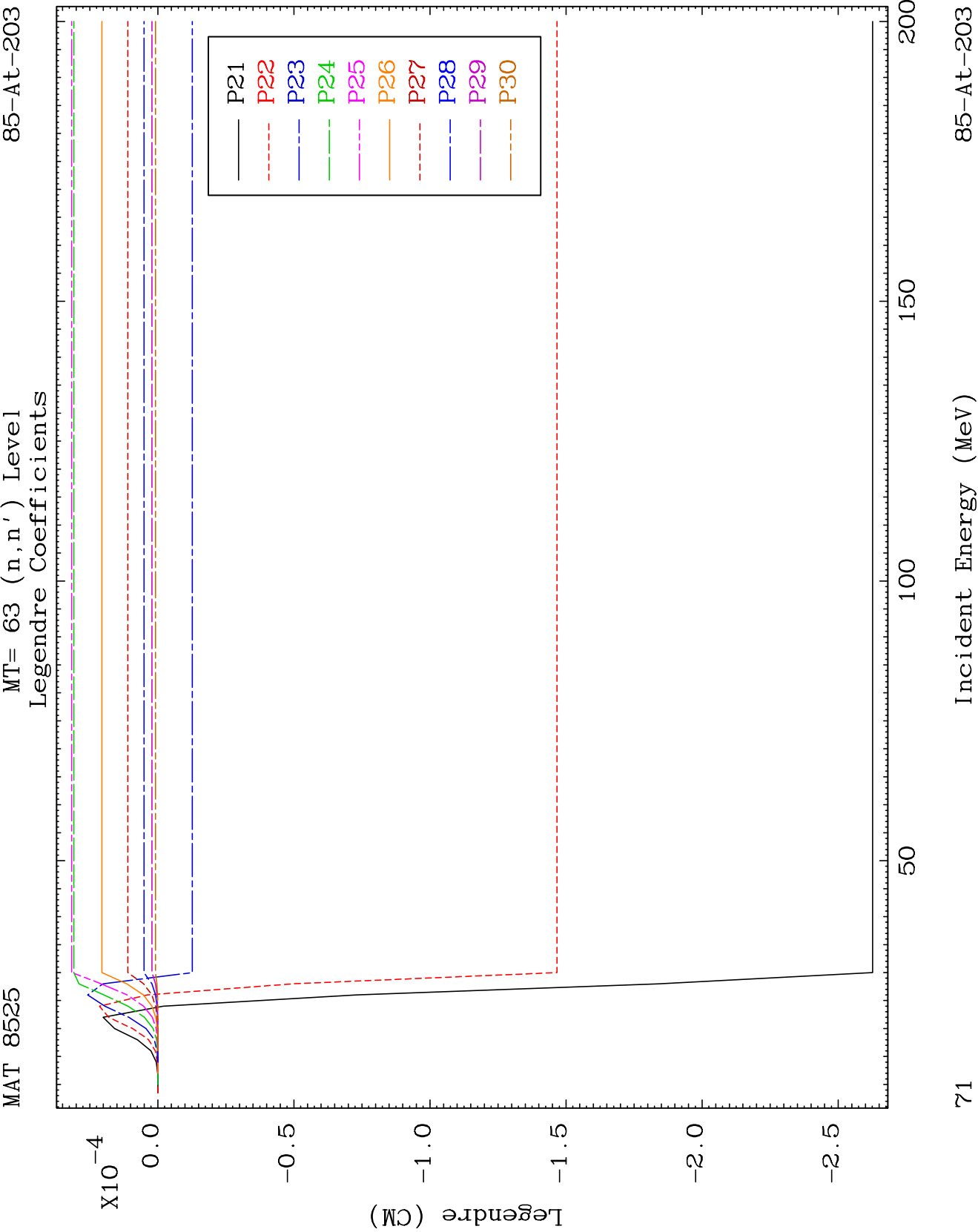


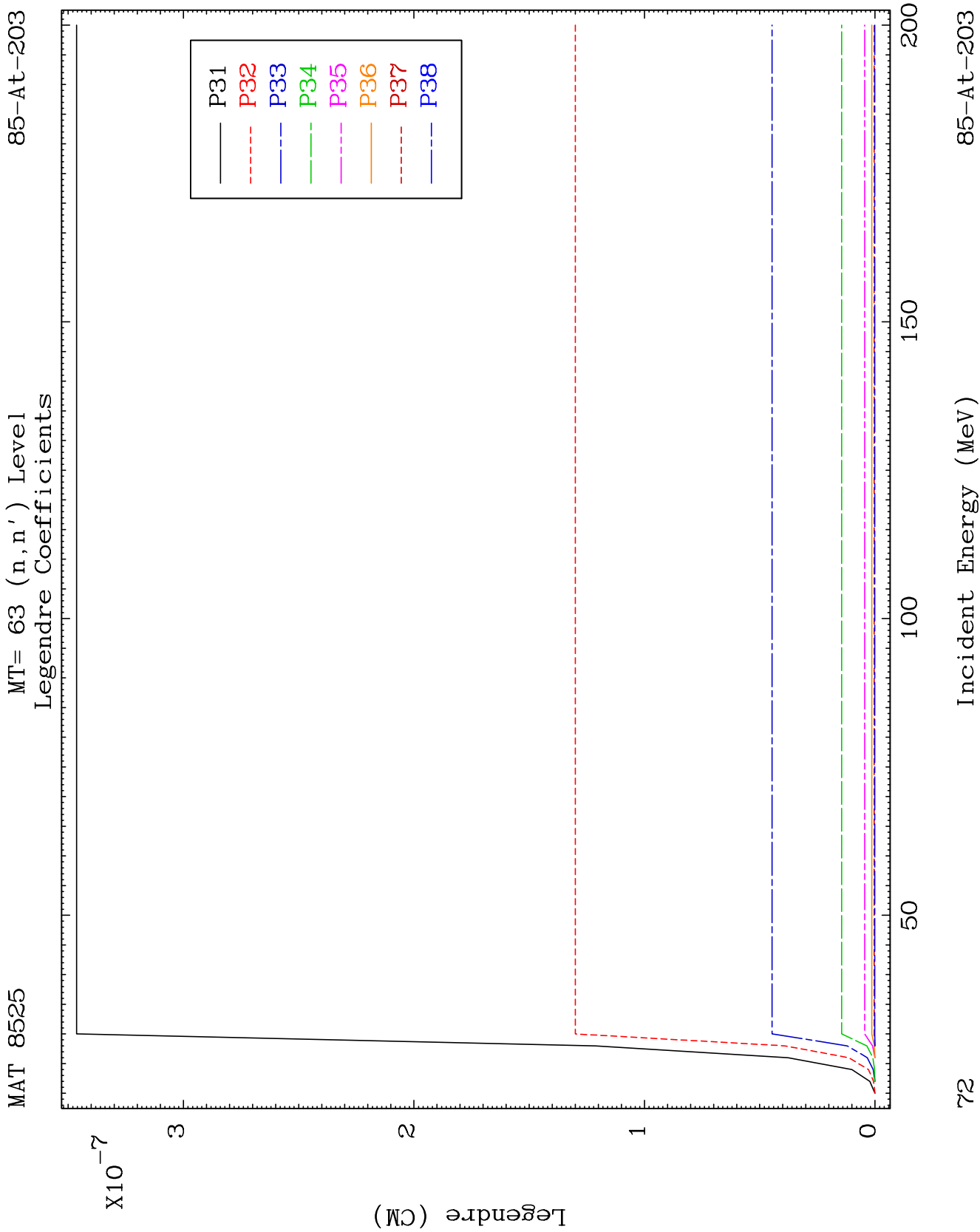
MAT 8525

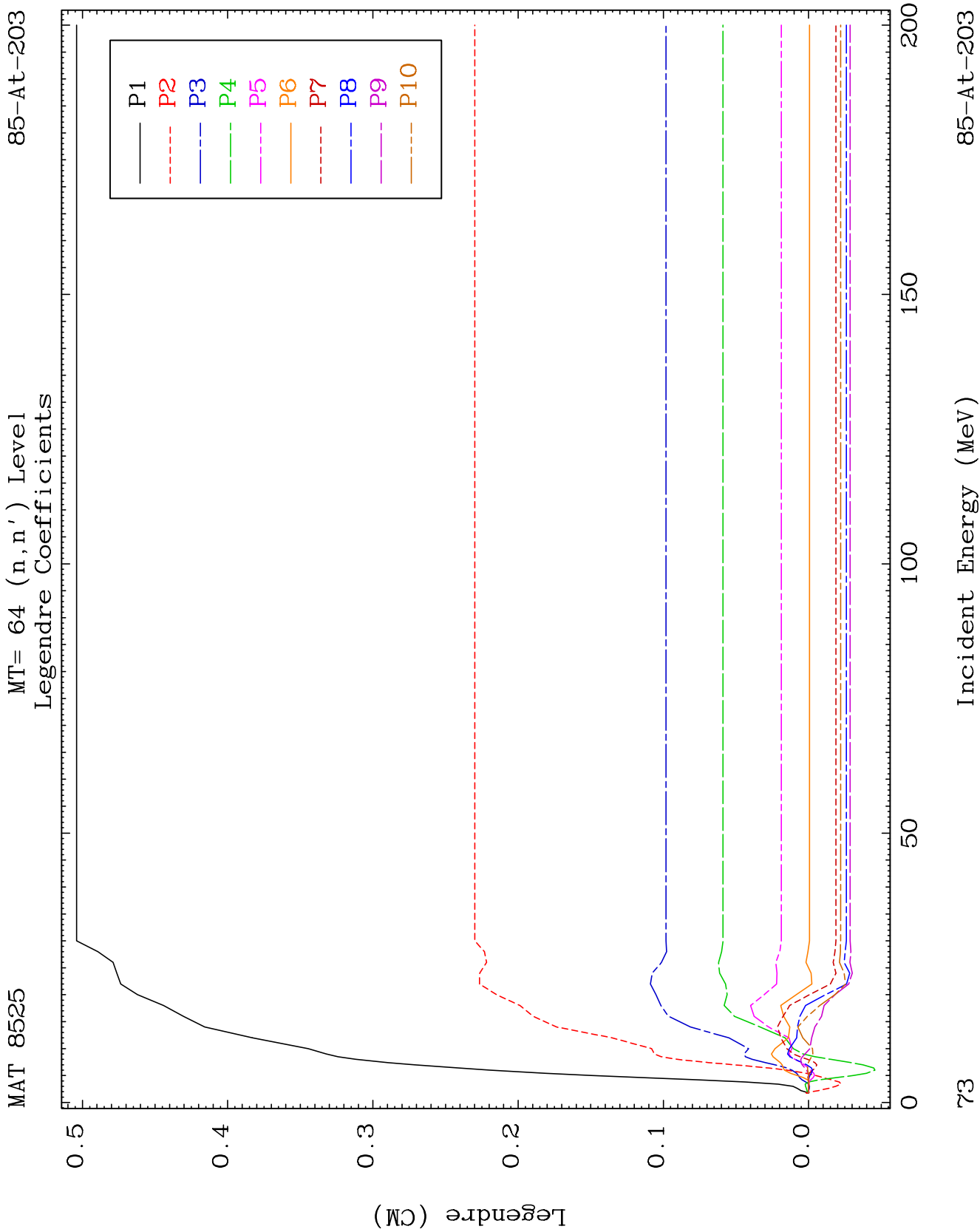
MT= 63 (n, n') Level
Legendre Coefficients

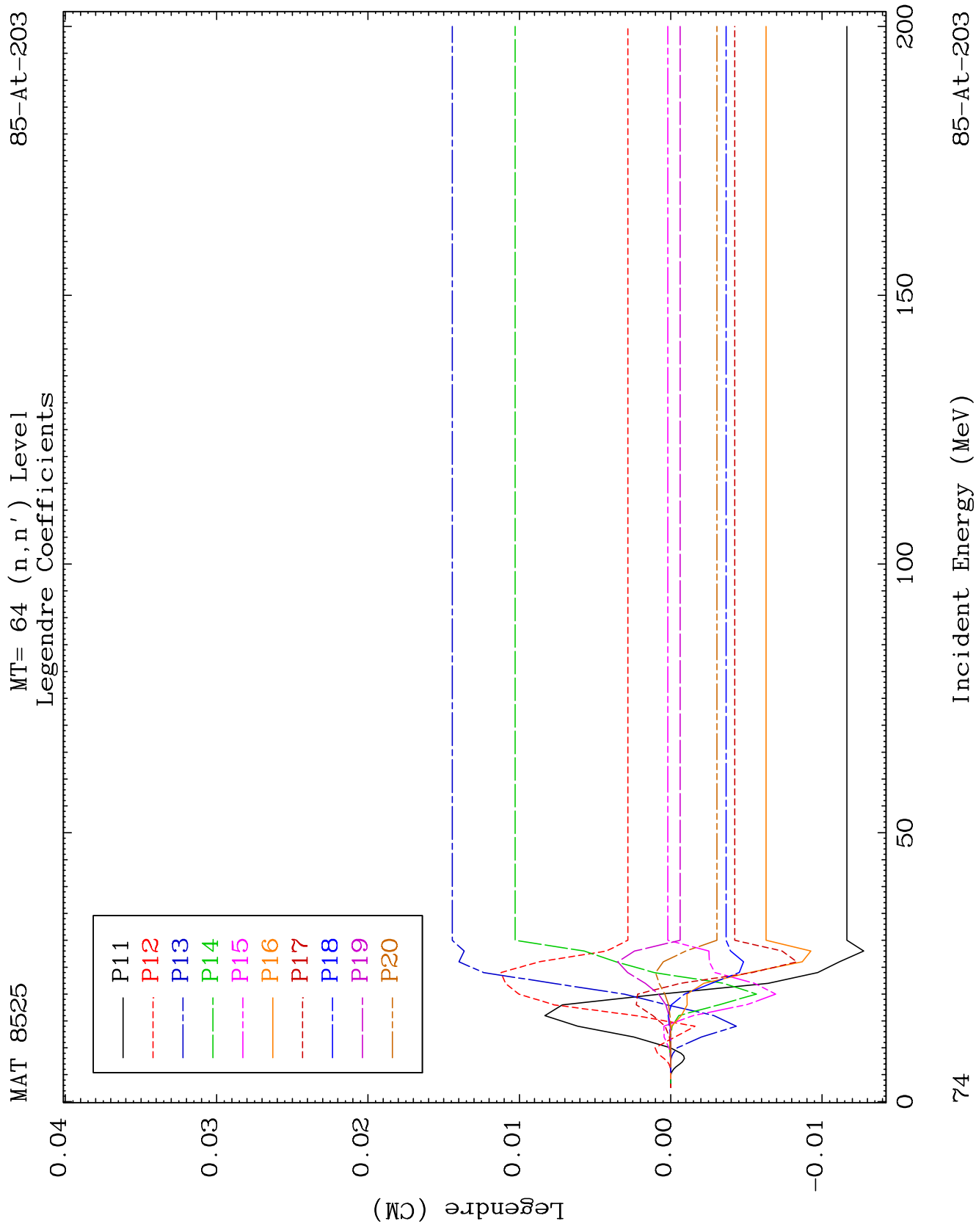
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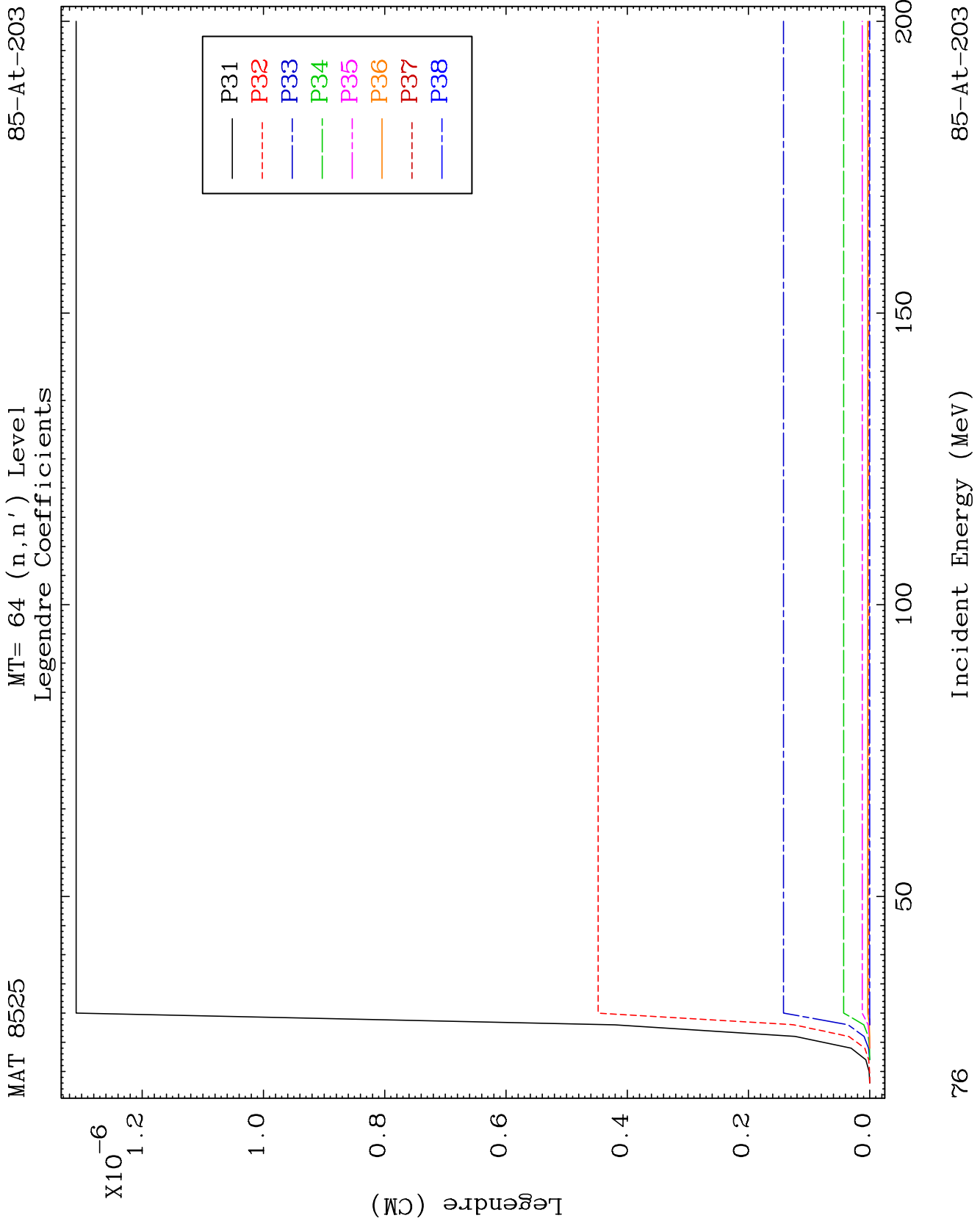


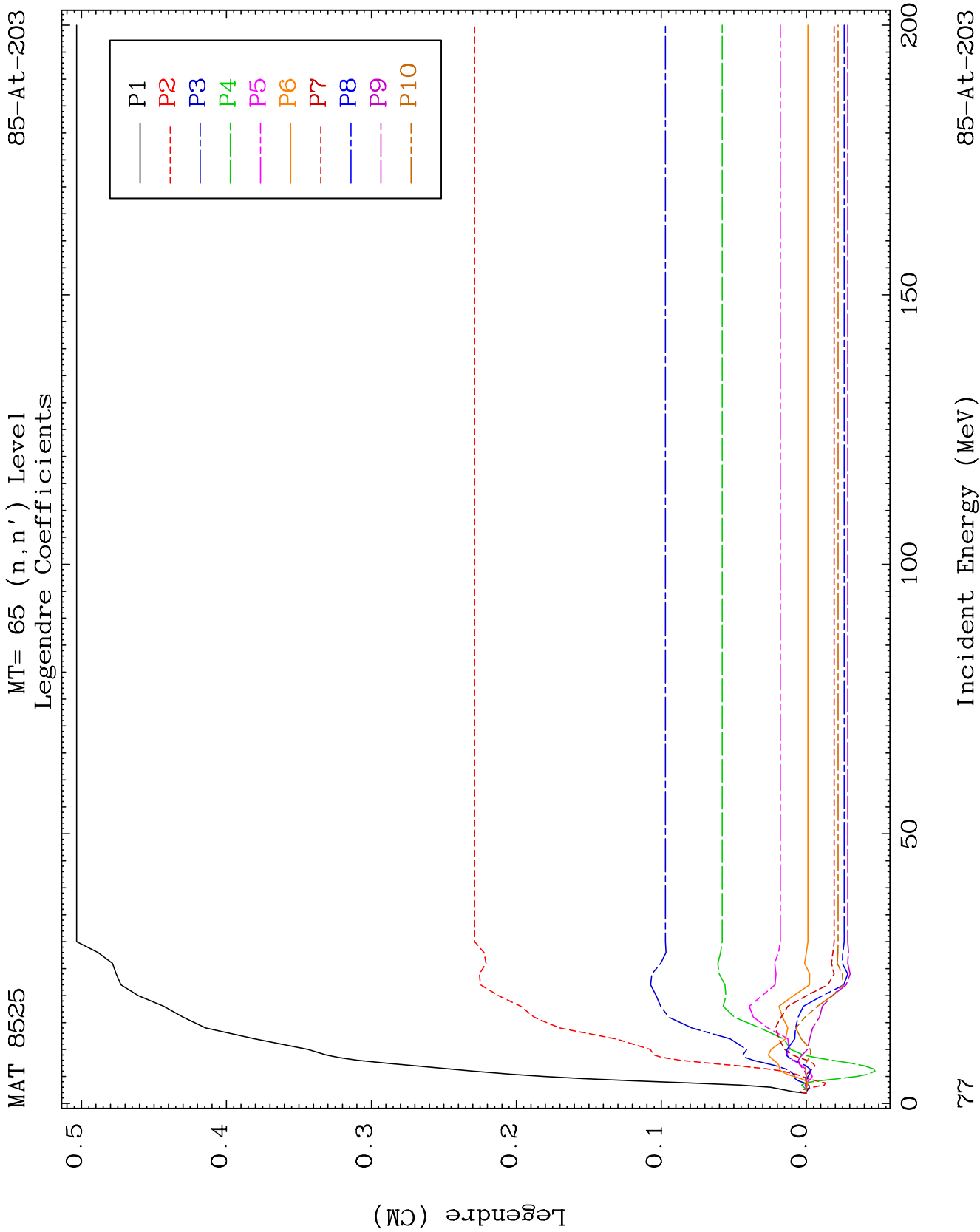


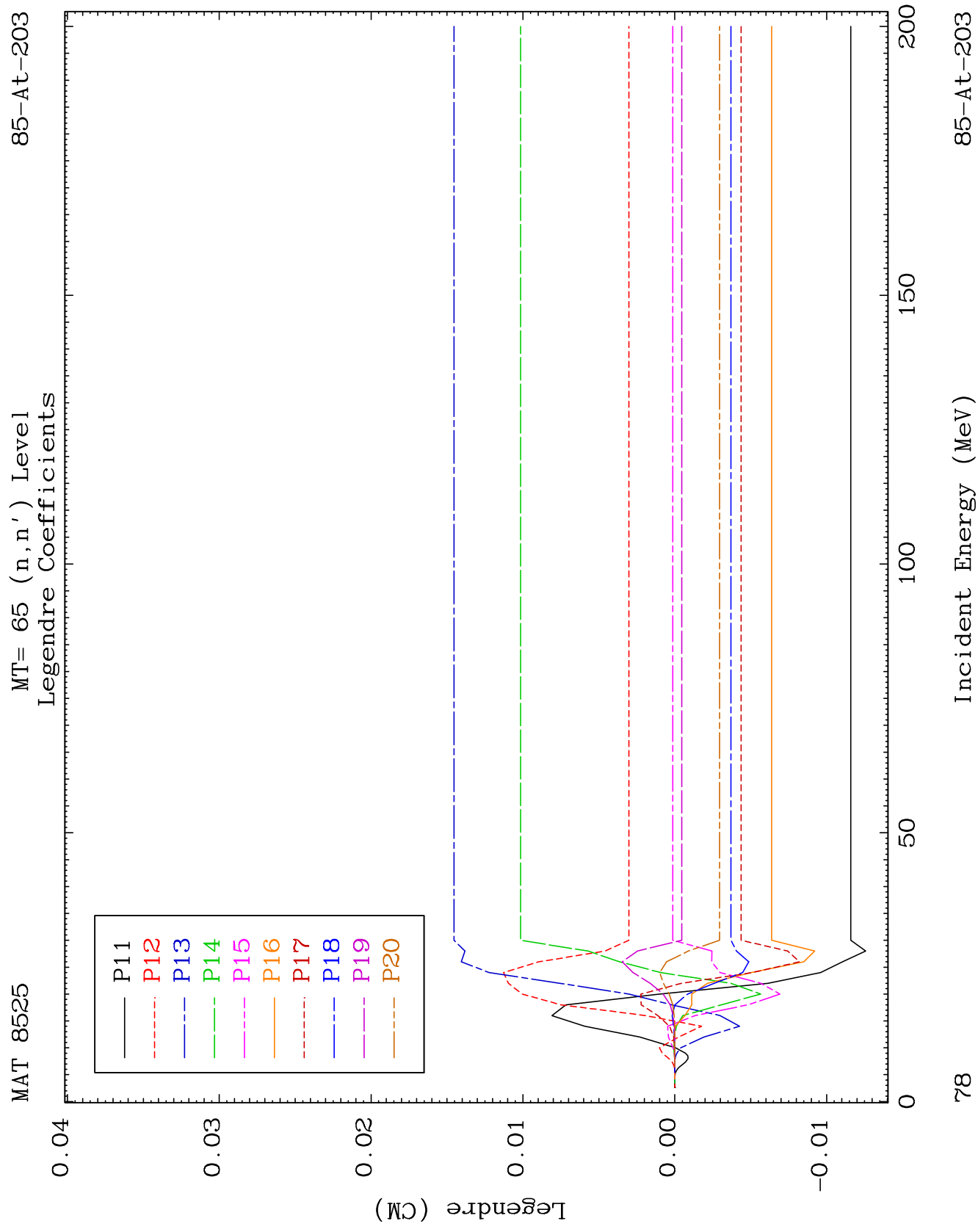


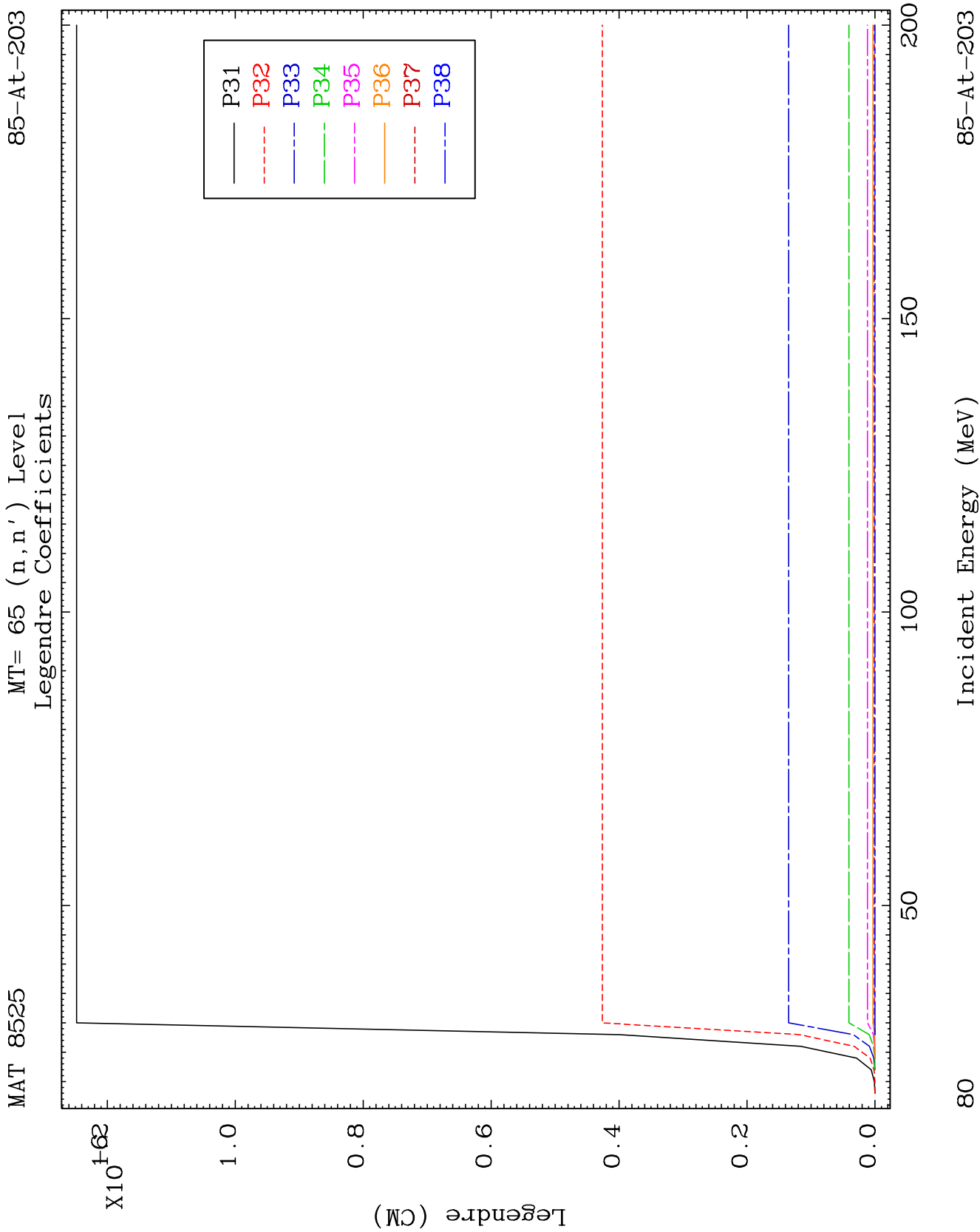


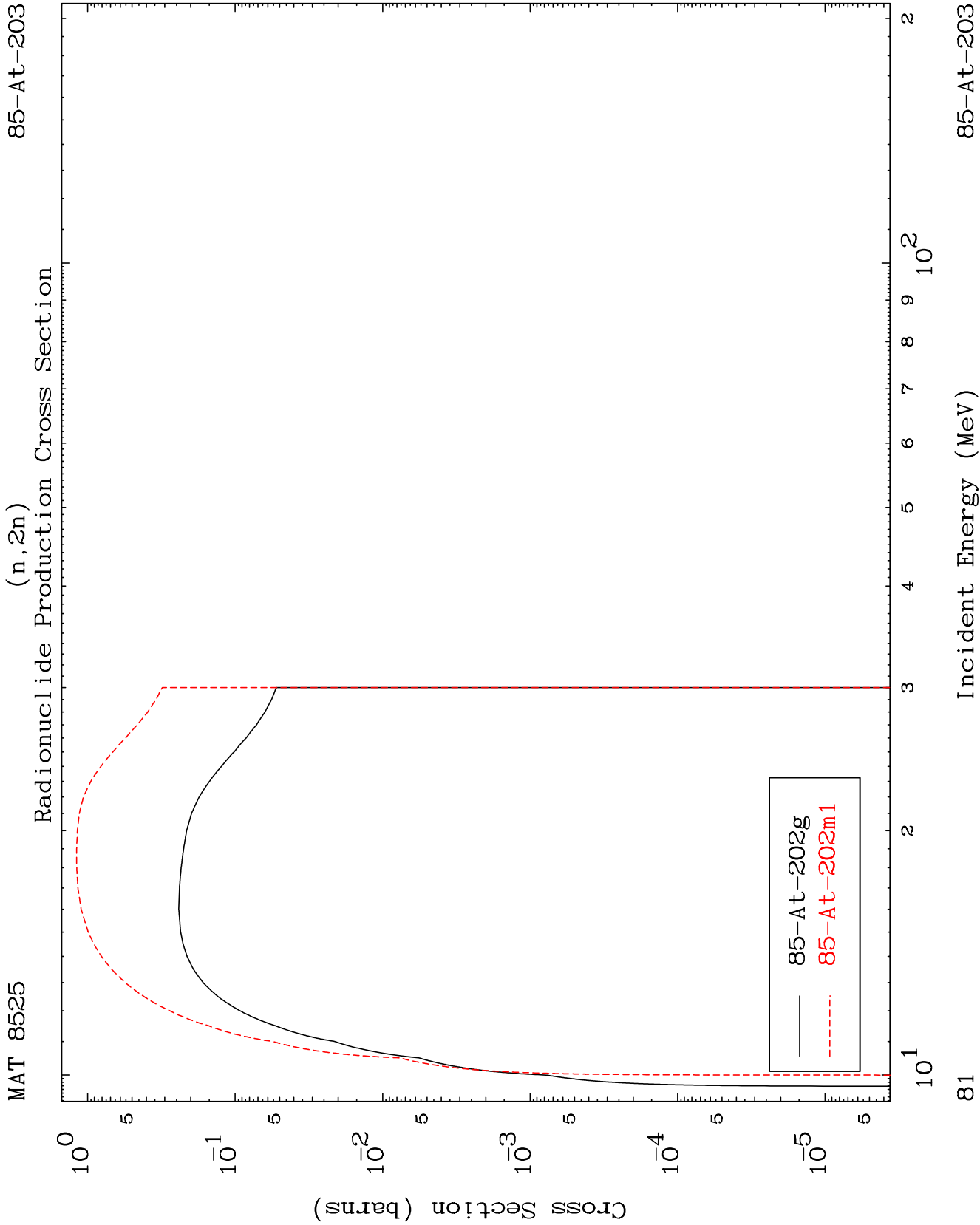


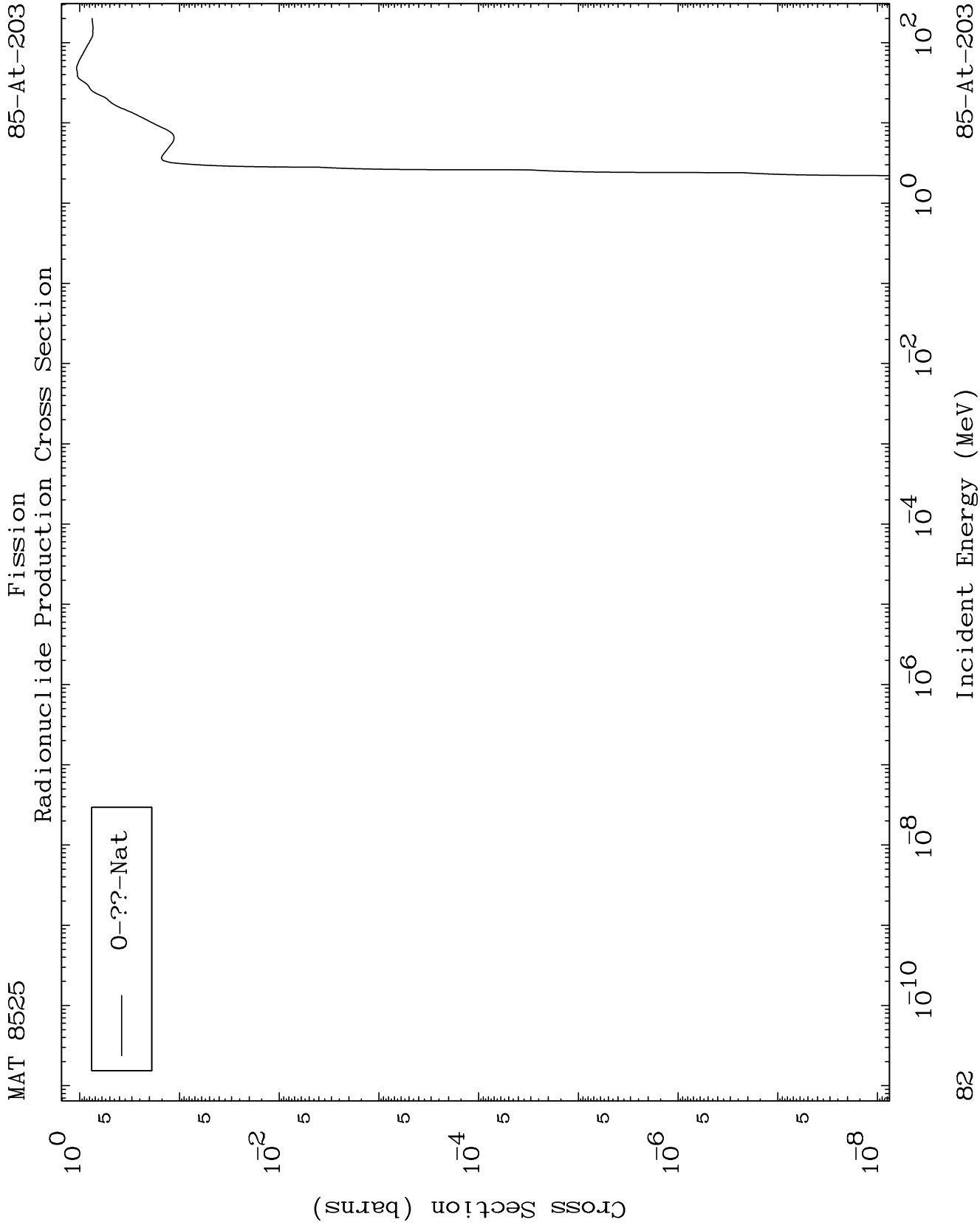


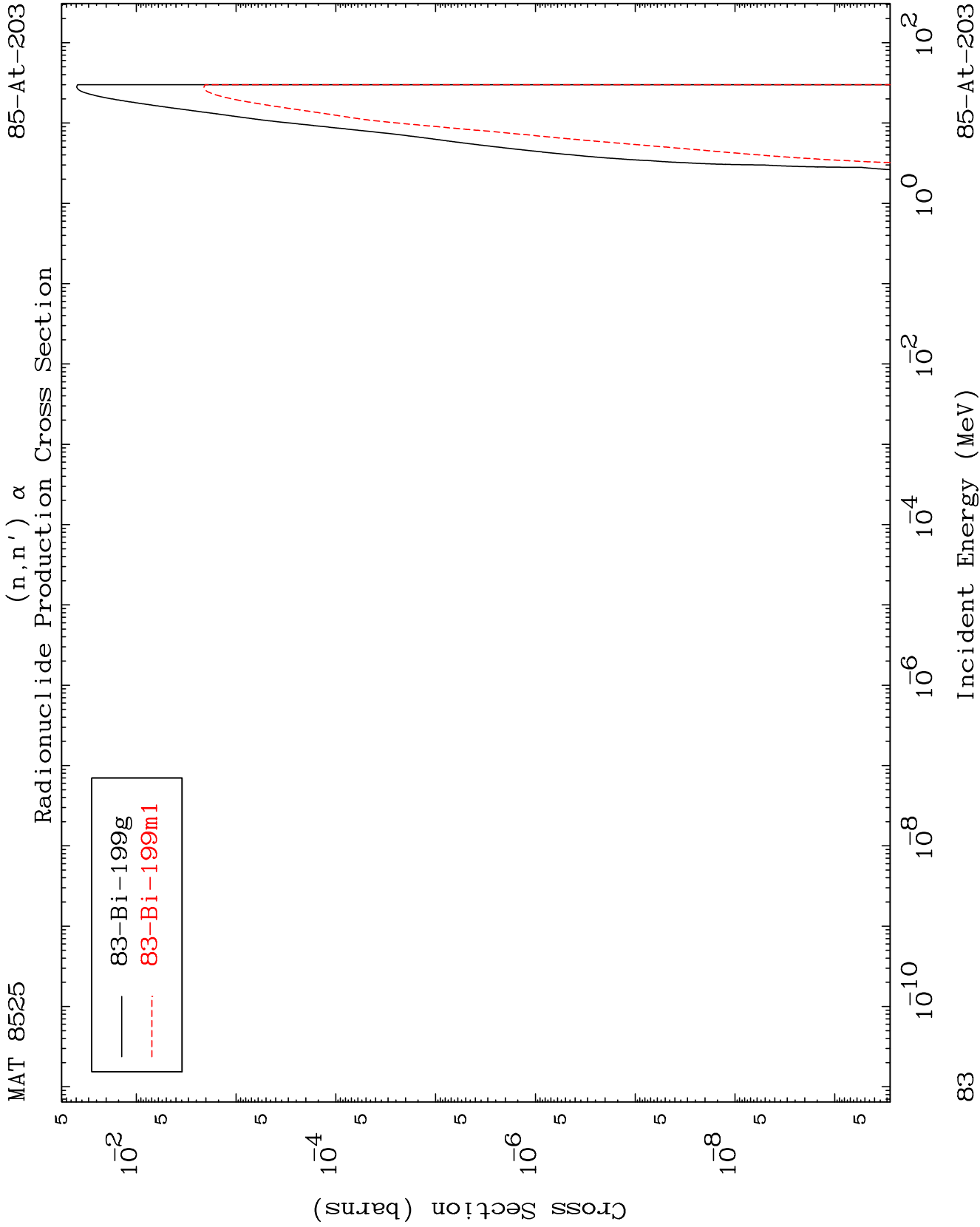


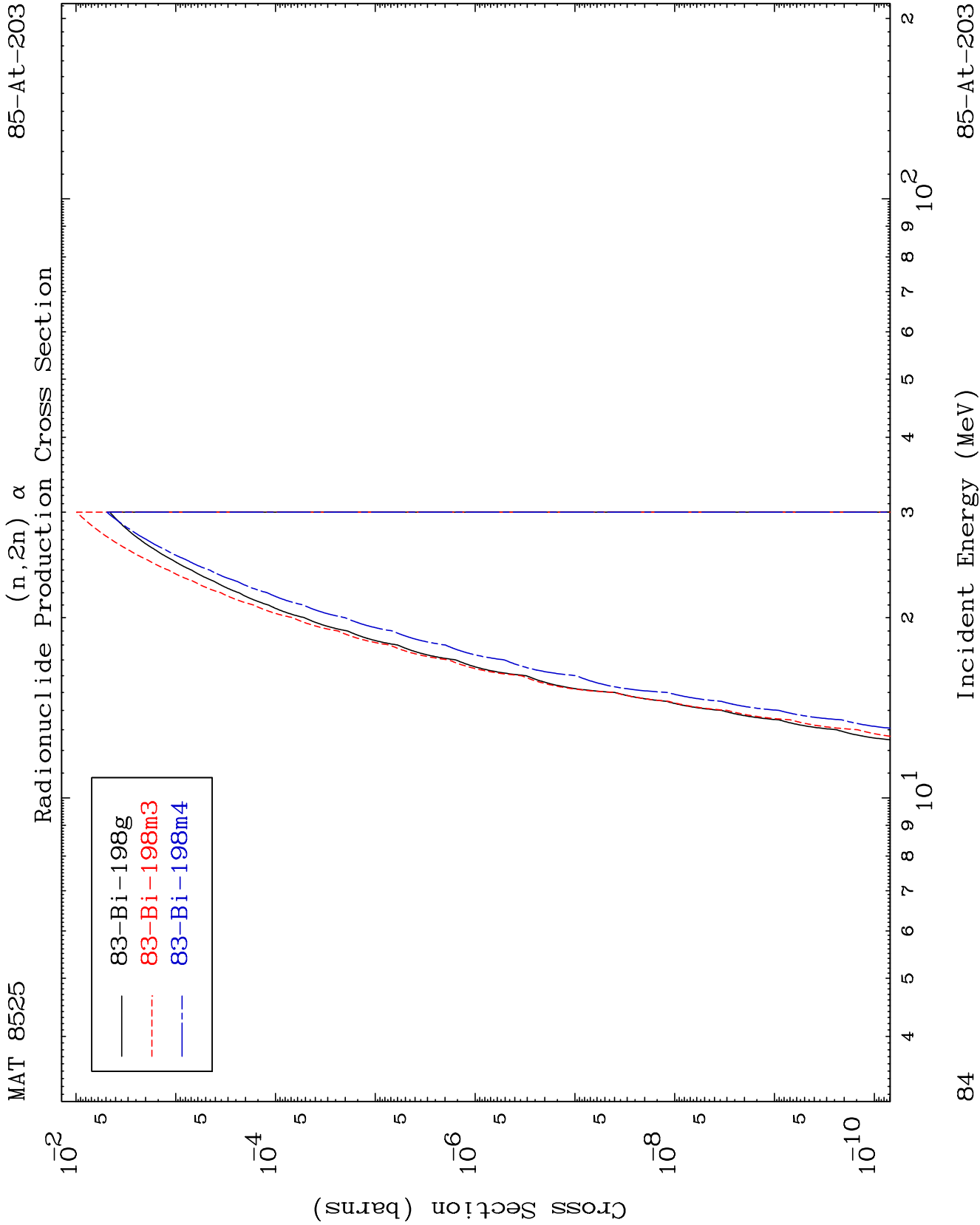








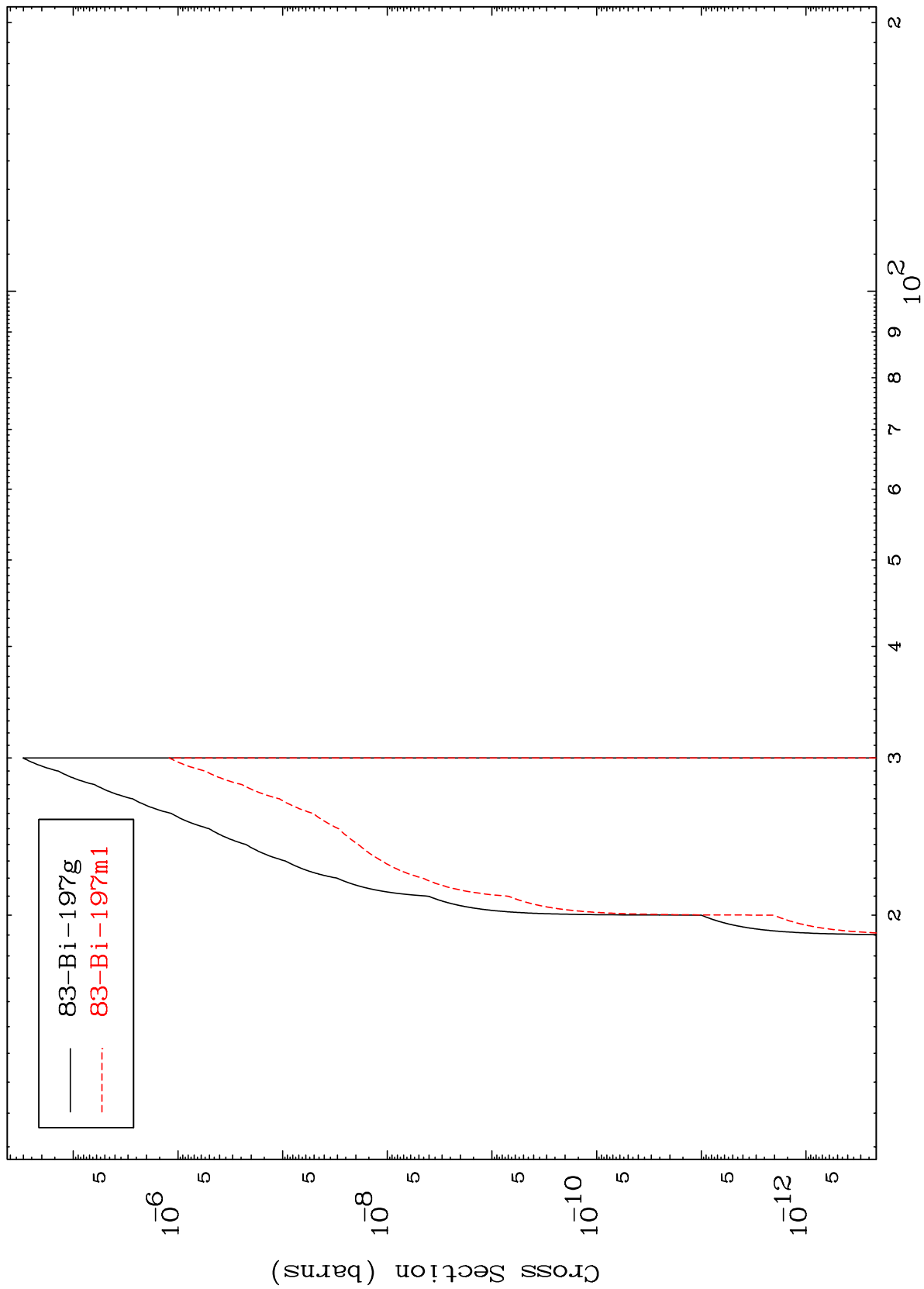




MAT 8525

85-At-203

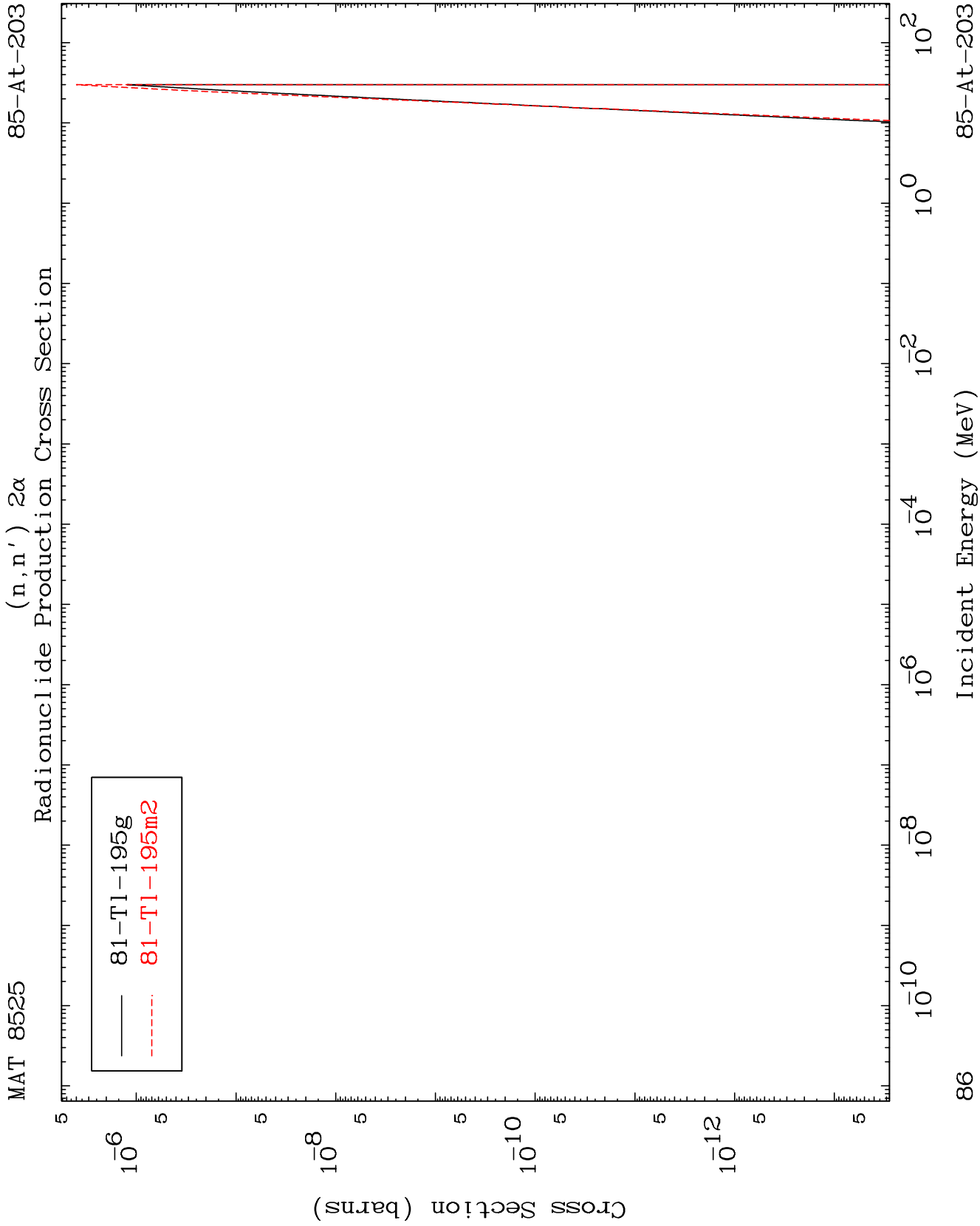
Radionuclide Production Cross Section
(n,3n) α

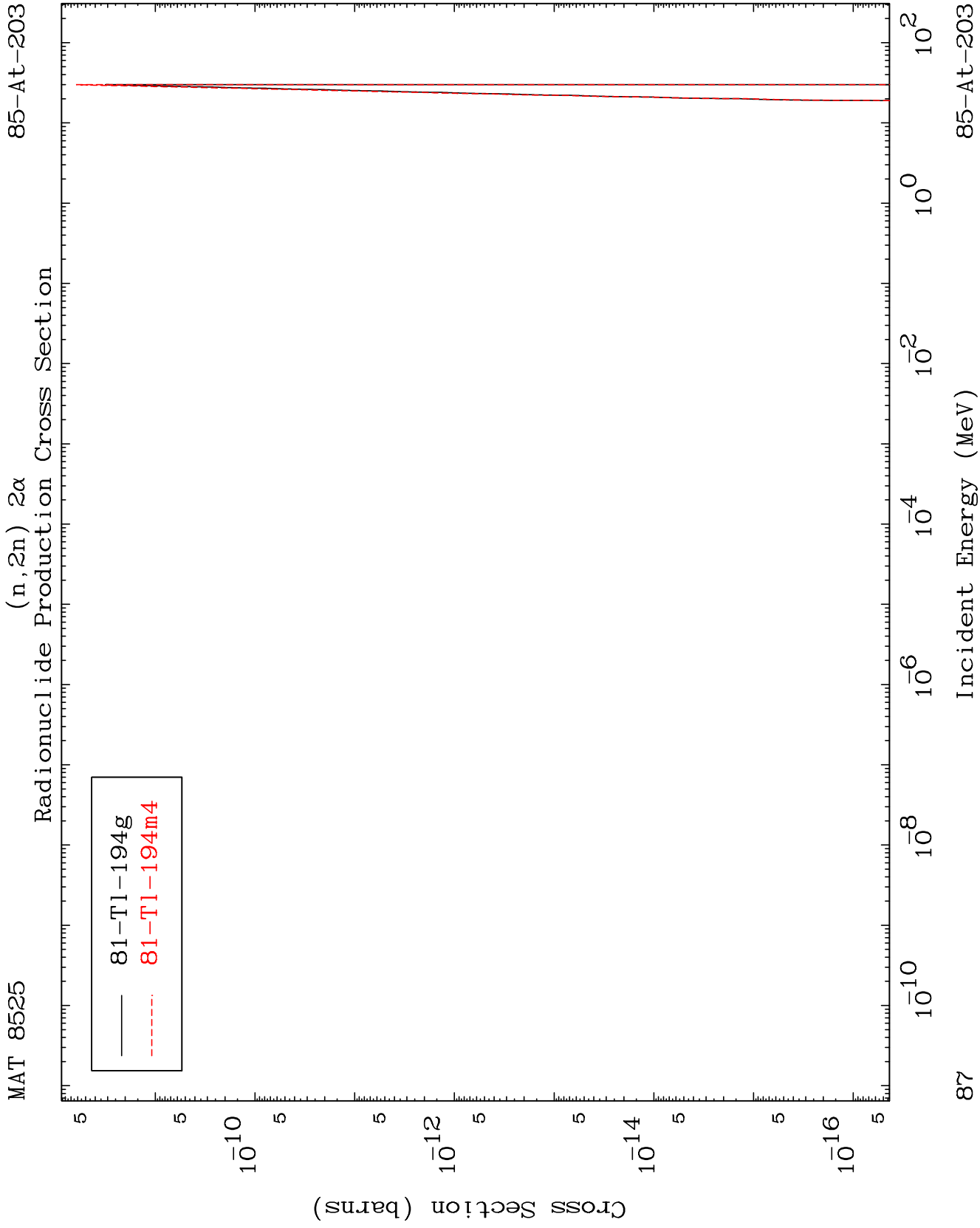


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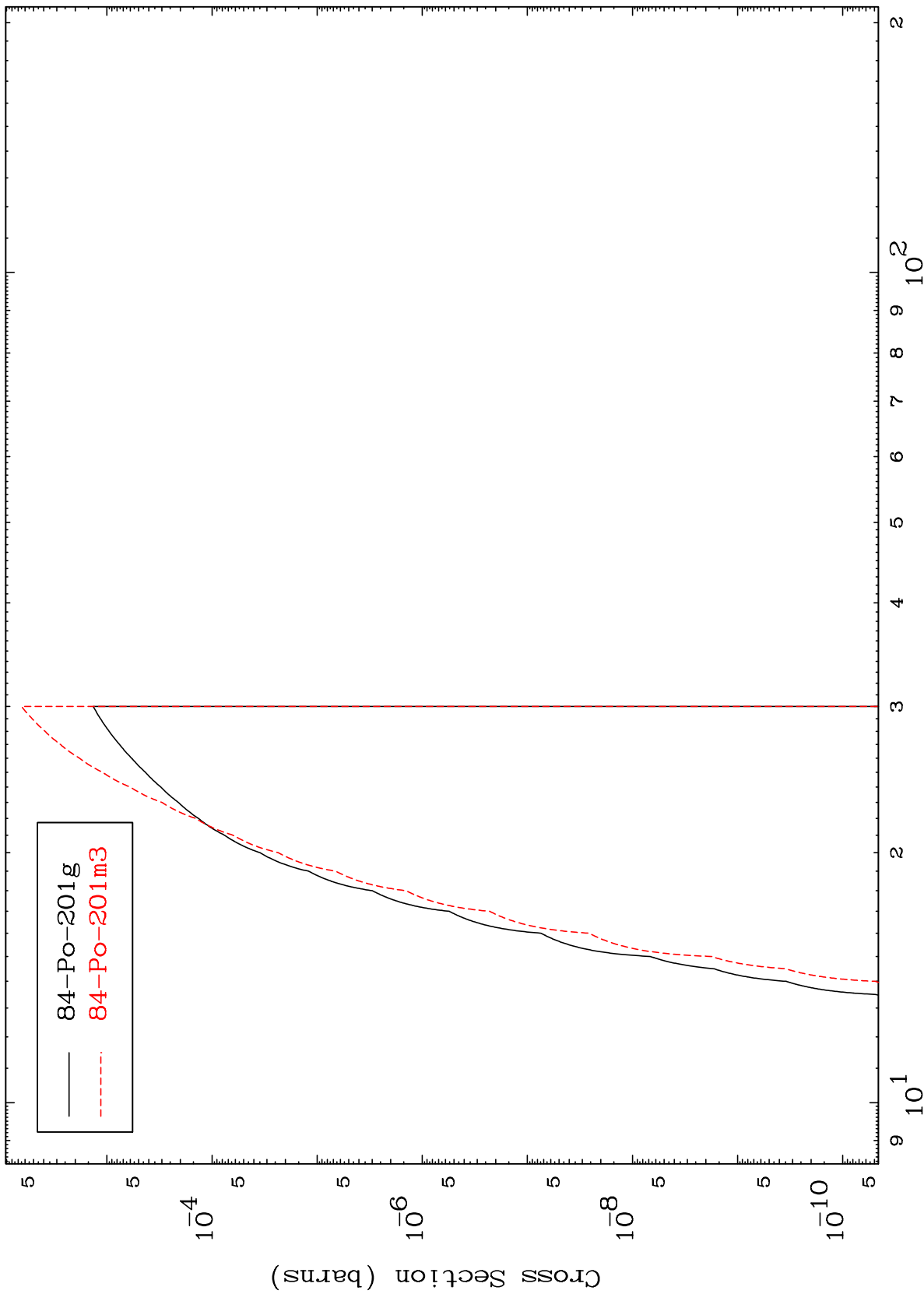
Incident Energy (MeV)

85-At-203

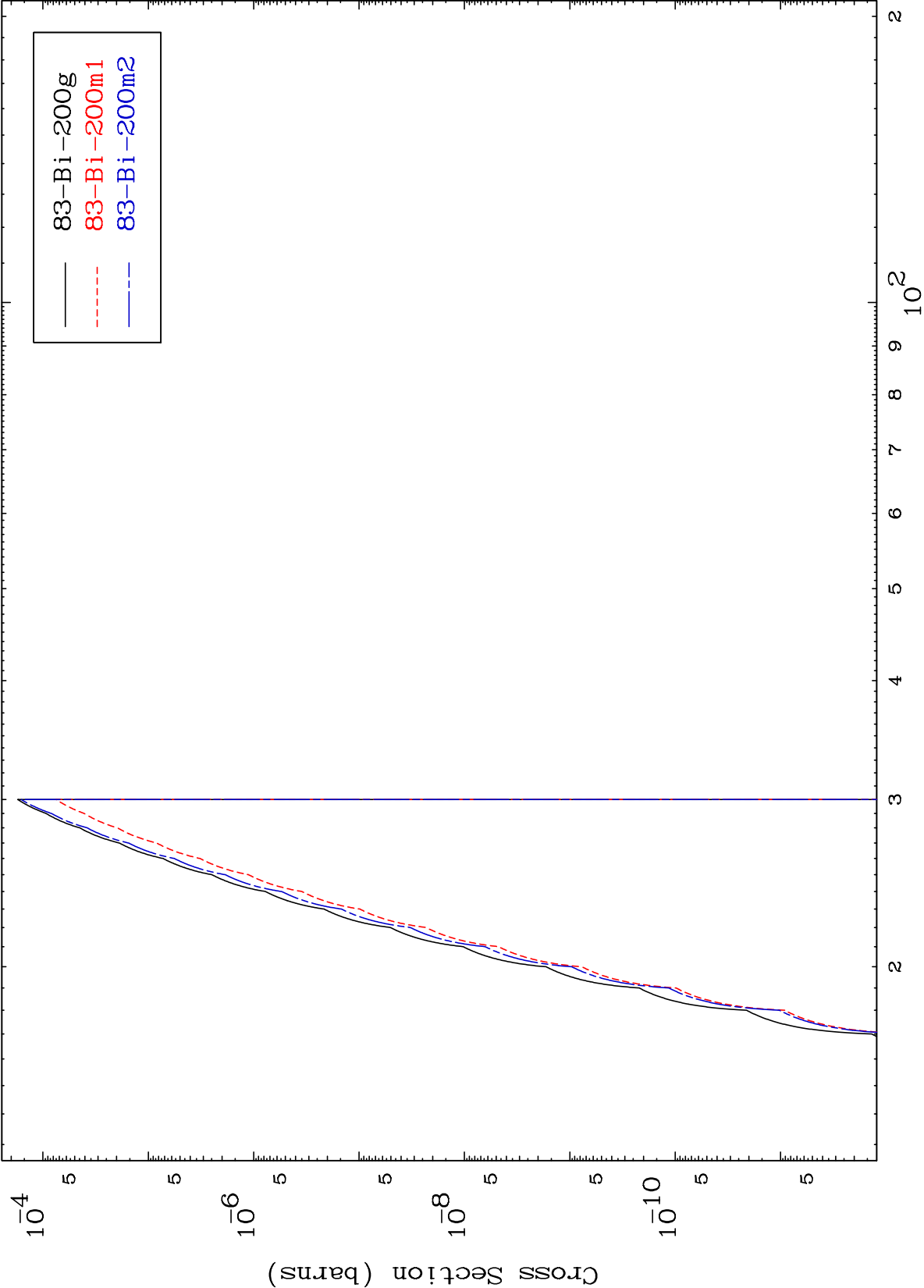


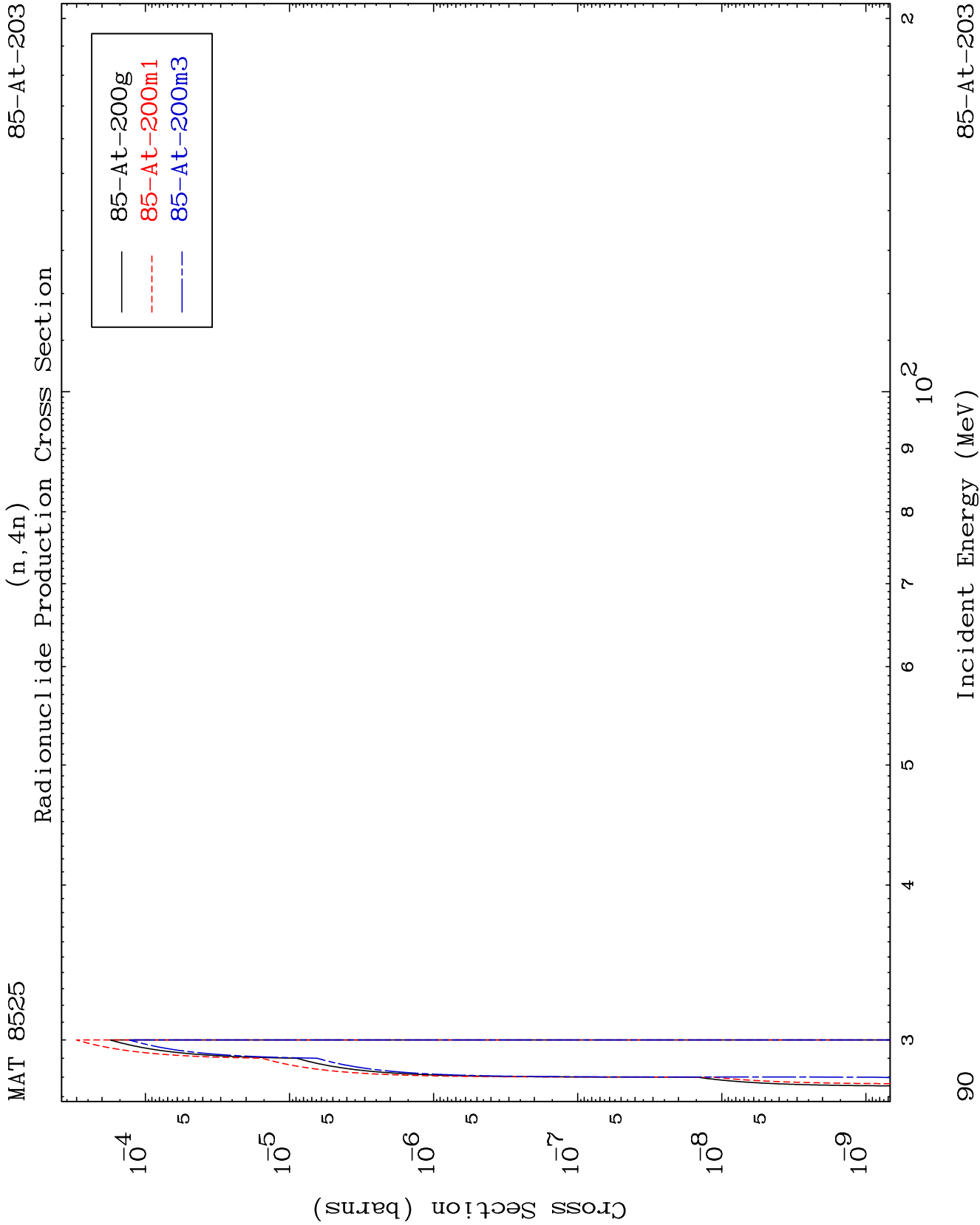


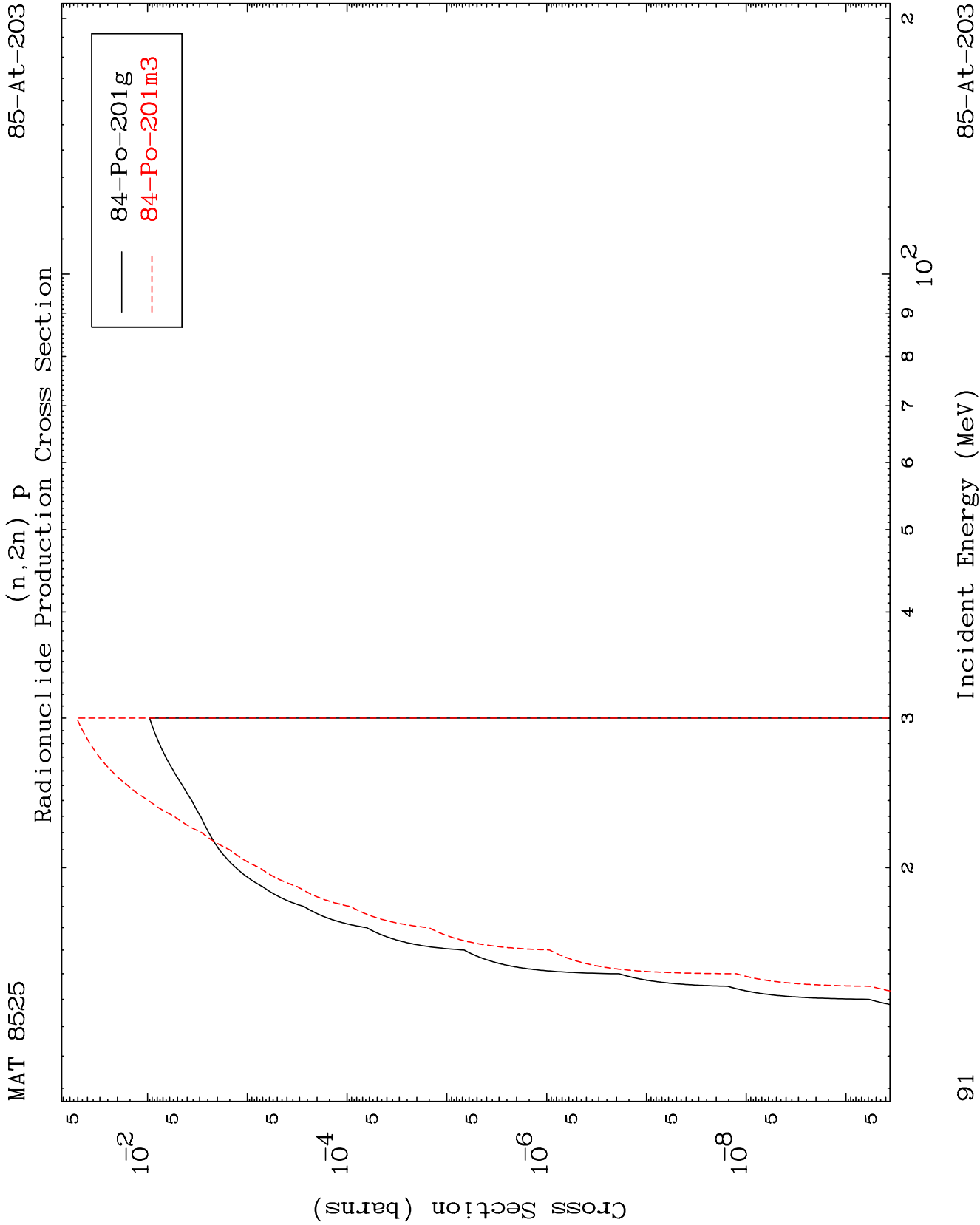
Radionuclide Production Cross Section

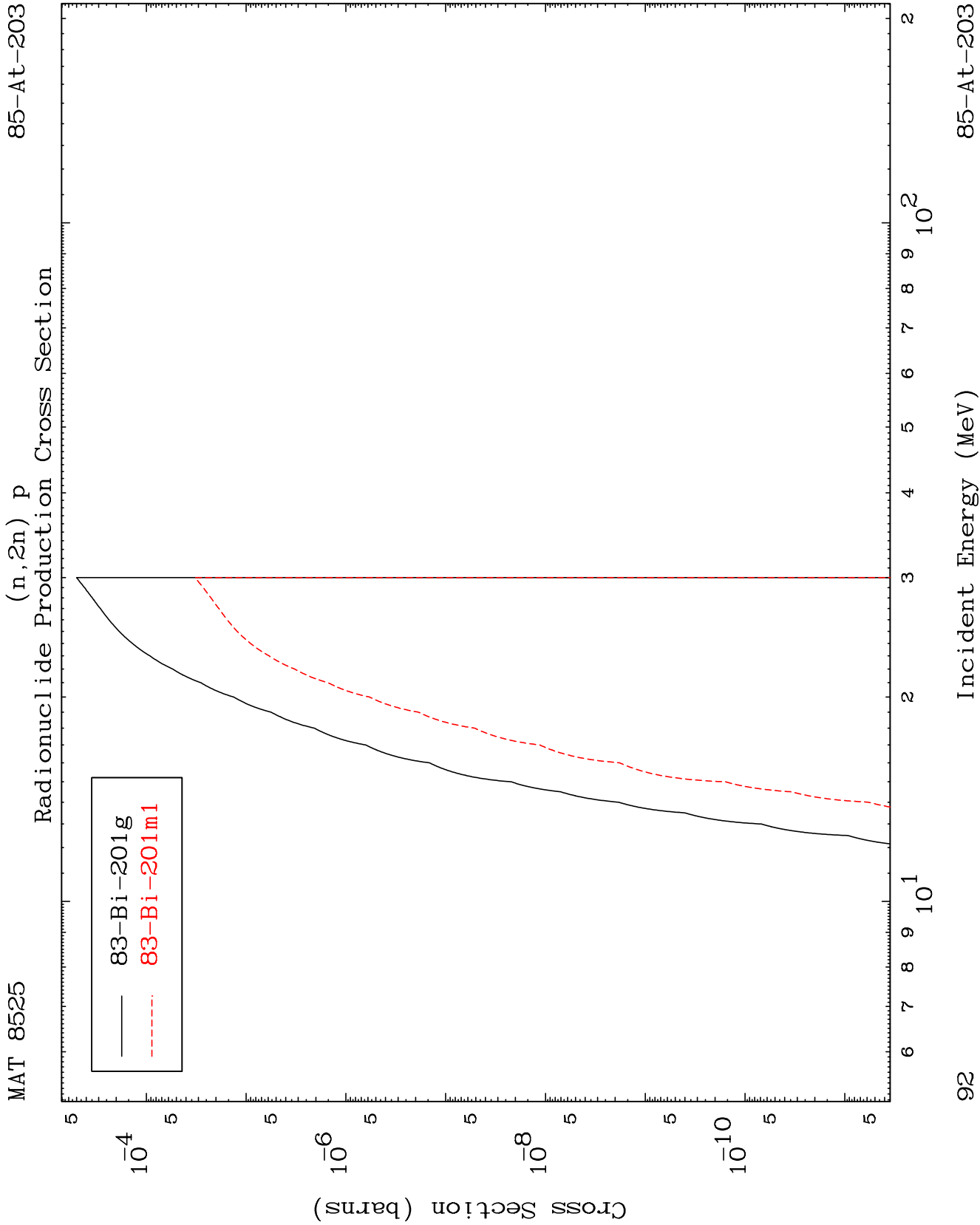


Radionuclide Production Cross Section

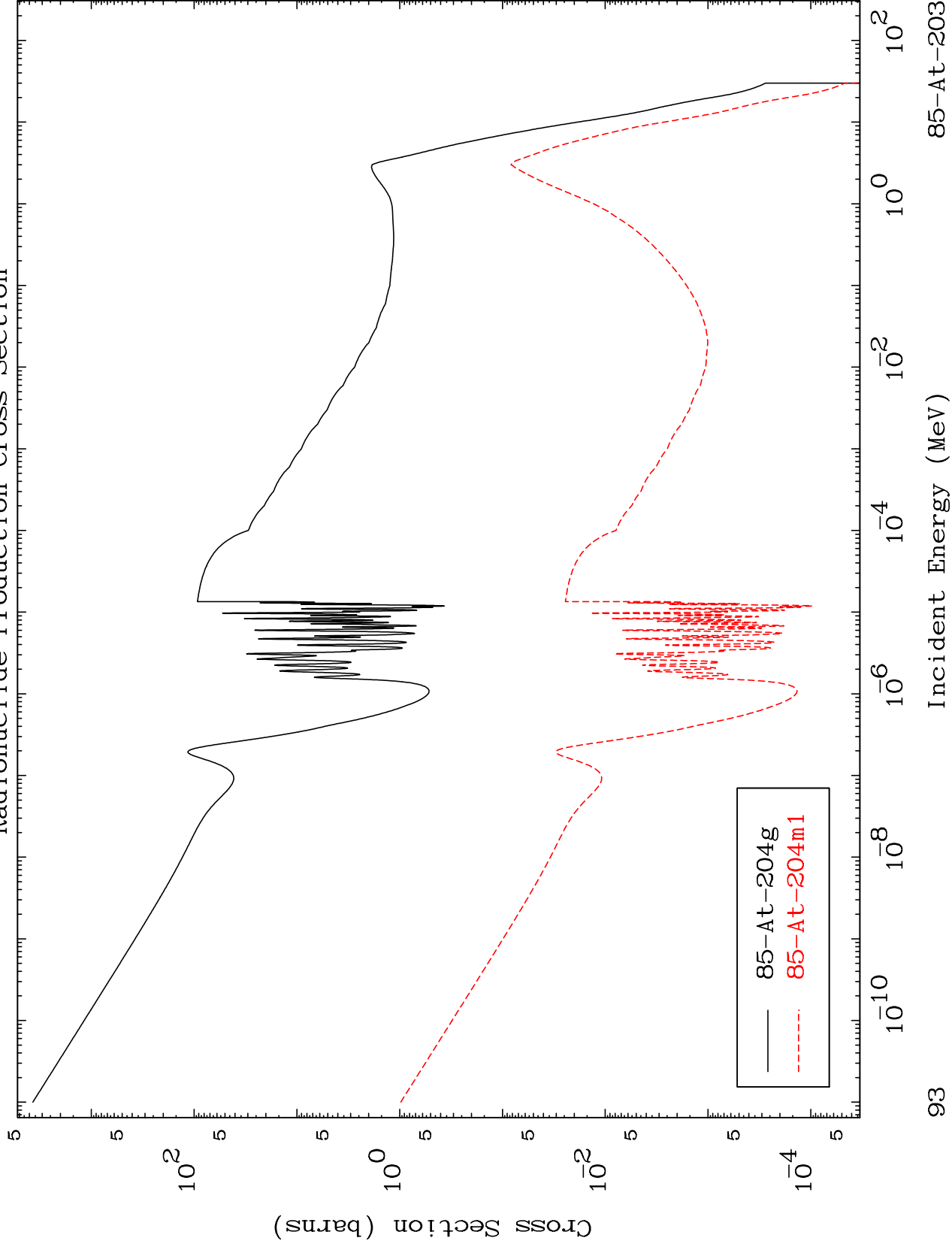


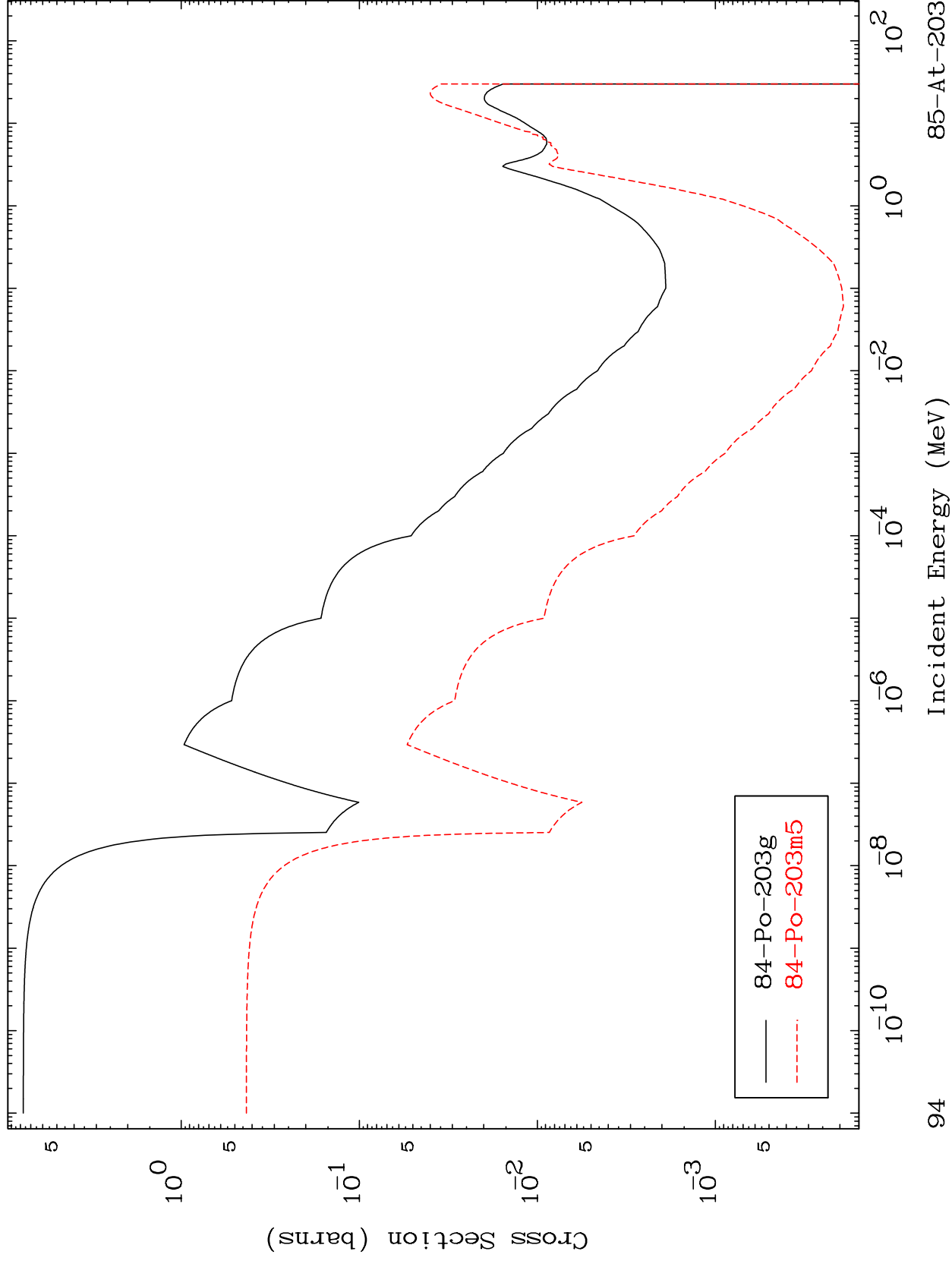


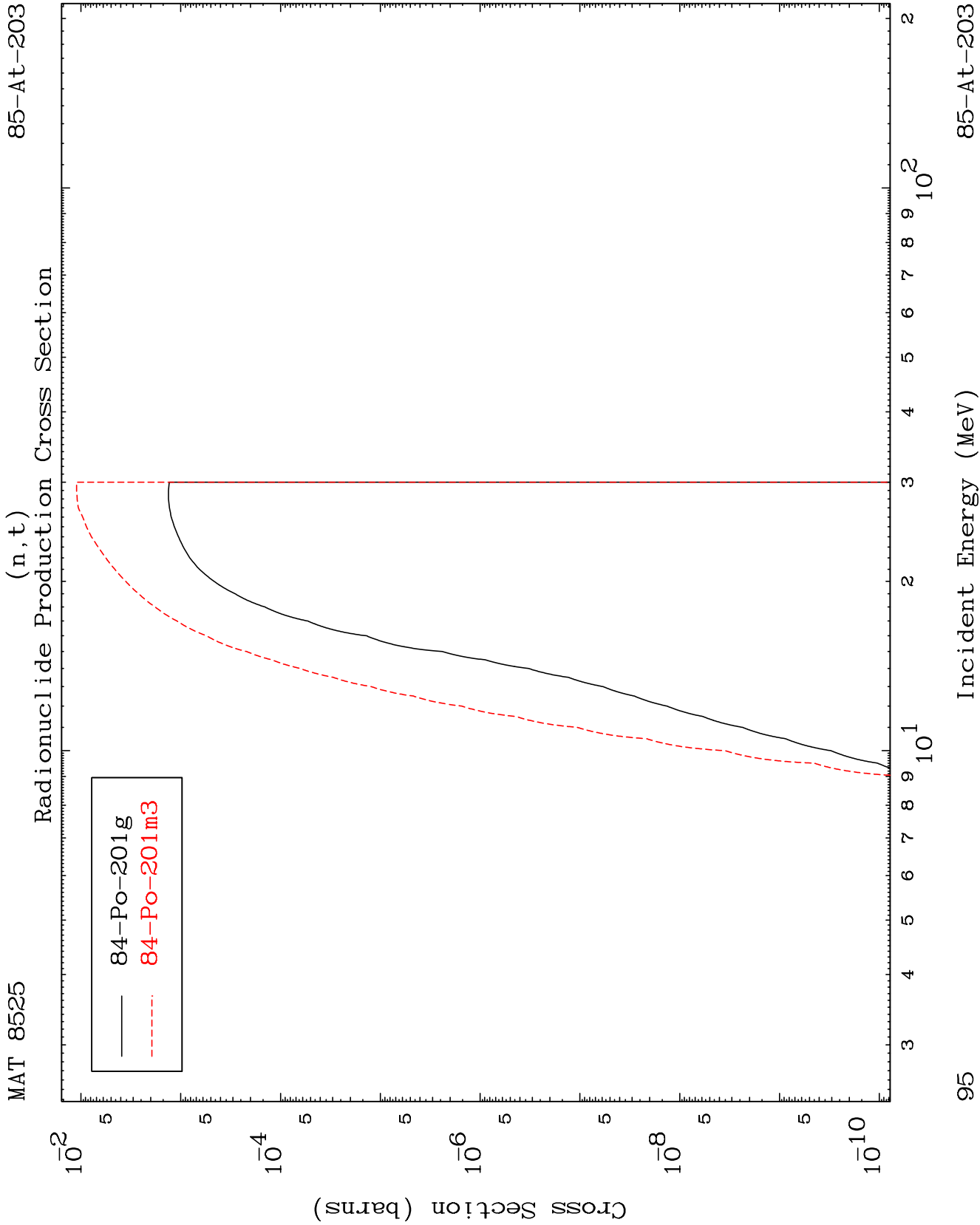


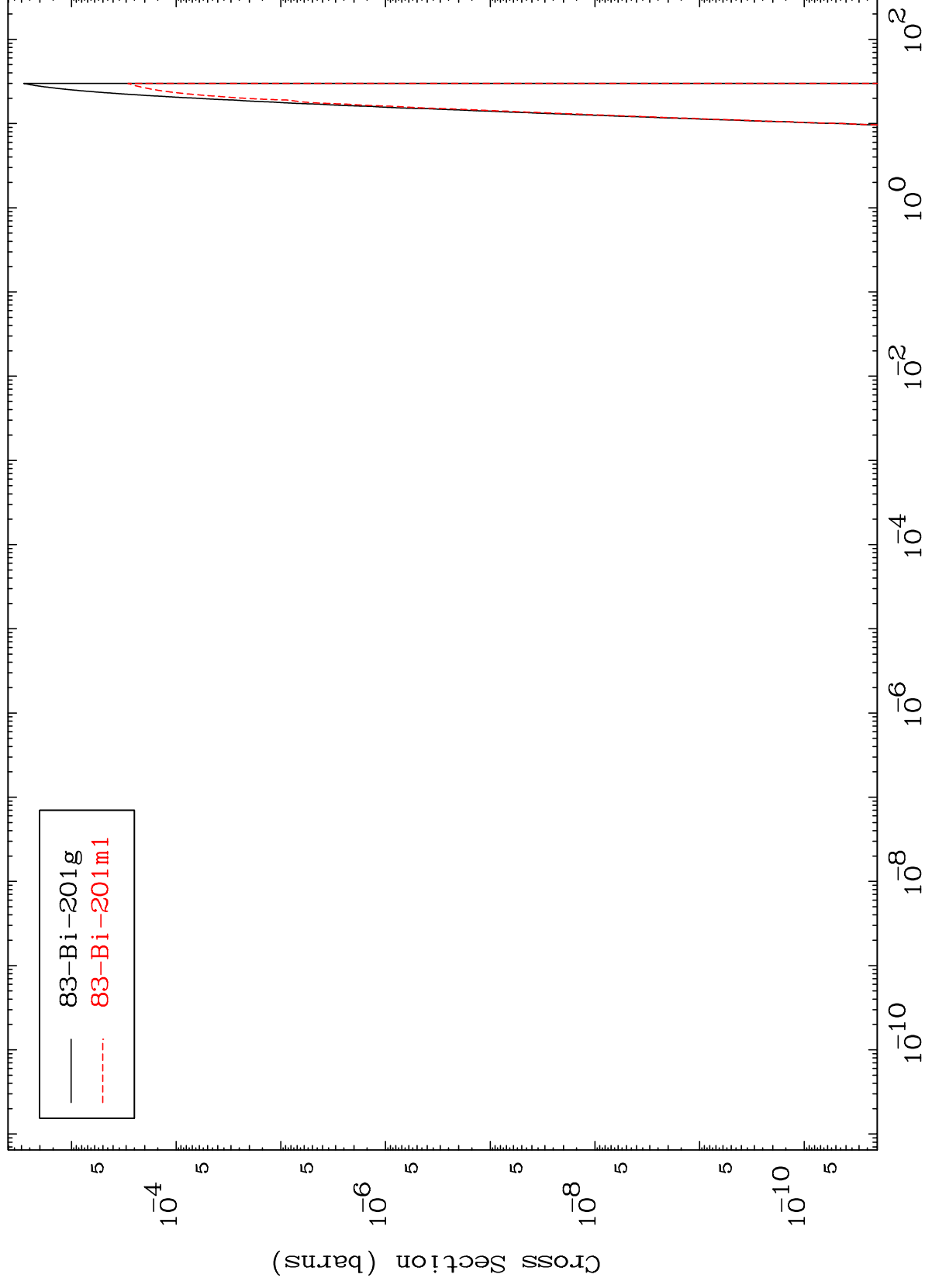


(n, γ)
Radionuclide Production Cross Section



(n,p)
Radionuclide Production Cross Section



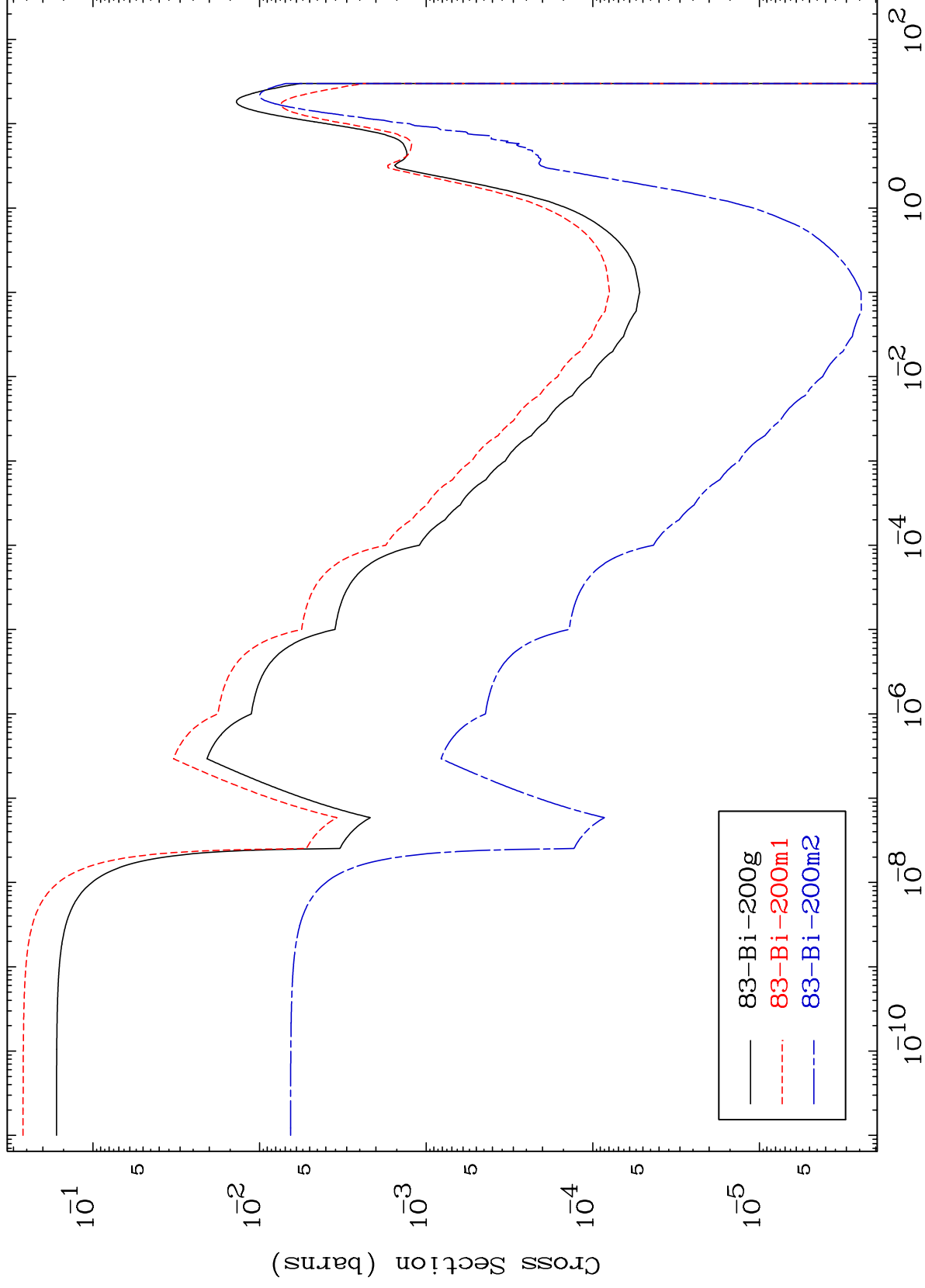
(n,He-3)
Radionuclide Production Cross Section

MAT 8525

(n, α)

85-At-203

Radionuclide Production Cross Section



97

Incident Energy (MeV)

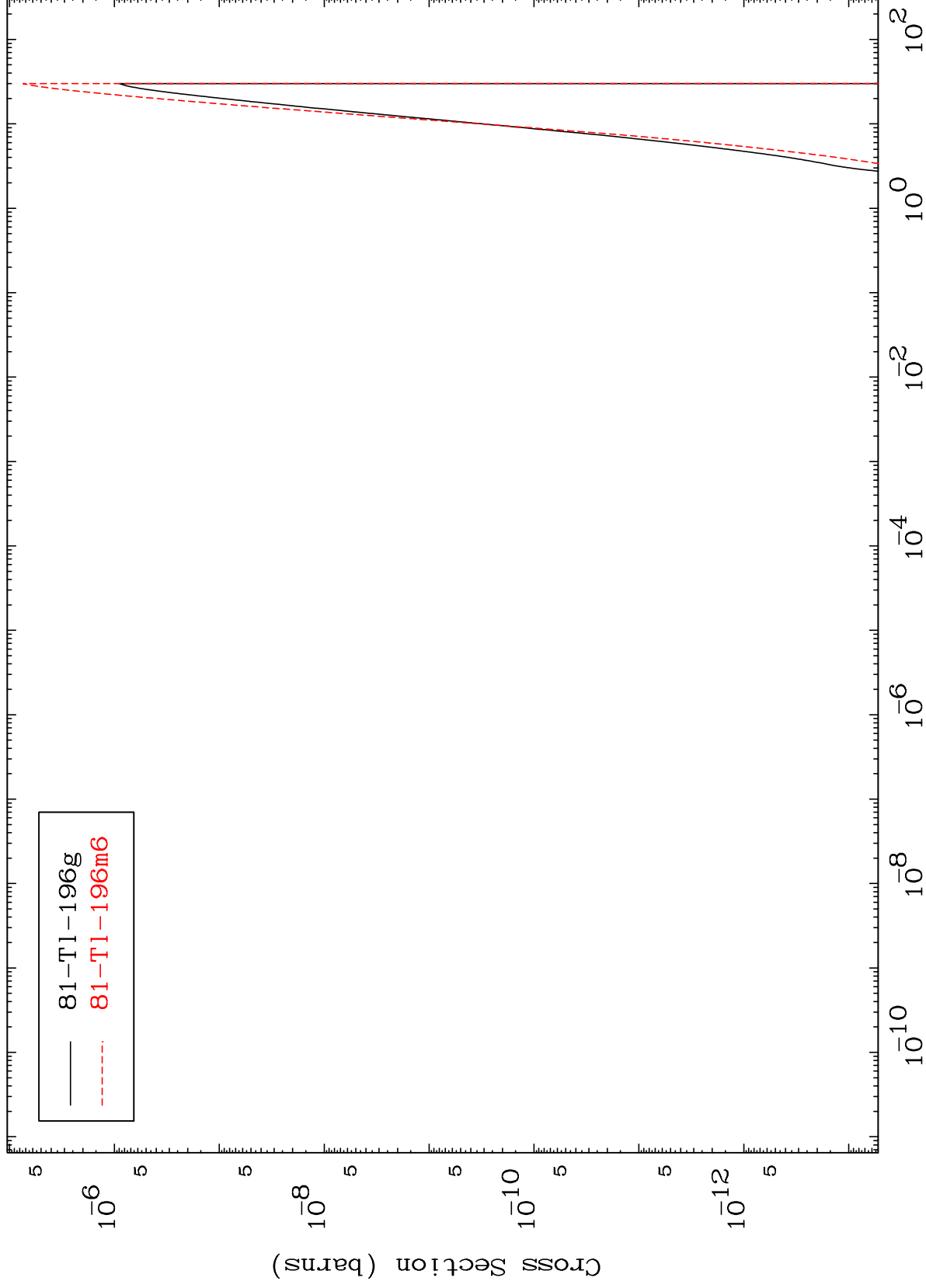
85-At-203

MAT 8525

(n,2α)

85-At-203

Radionuclide Production Cross Section



98

Incident Energy (MeV)

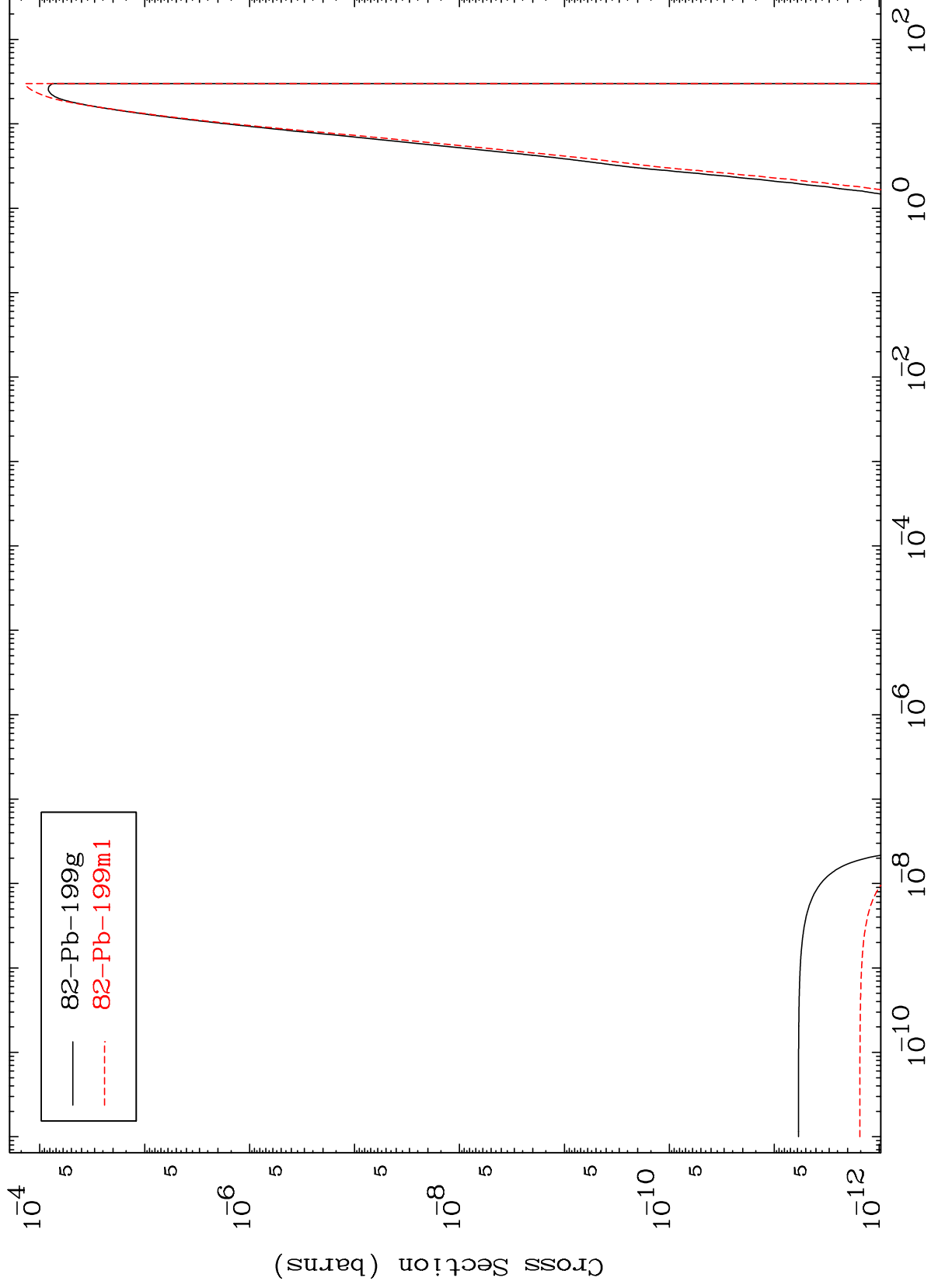
85-At-203

MAT 8525

(n,p) α

85-At-203

Radionuclide Production Cross Section



99

Incident Energy (MeV)

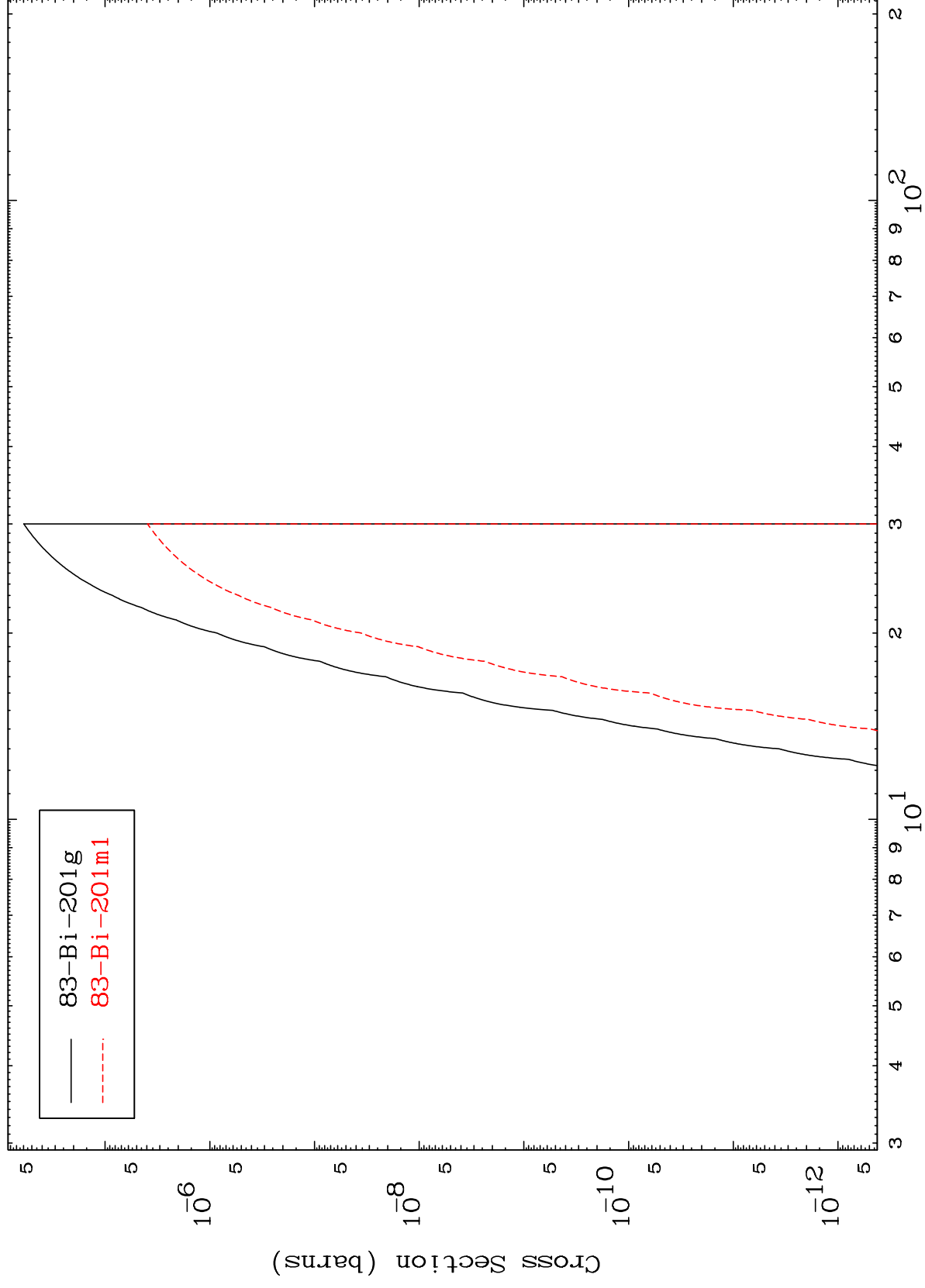
85-At-203

MAT 8525

$$(n, p) \text{ d}$$

85-At-203

Radionuclide Production Cross Section



100

Incident Energy (MeV)

85-At-203

