

Program EVALPLOT
(Version 2021-1)

by

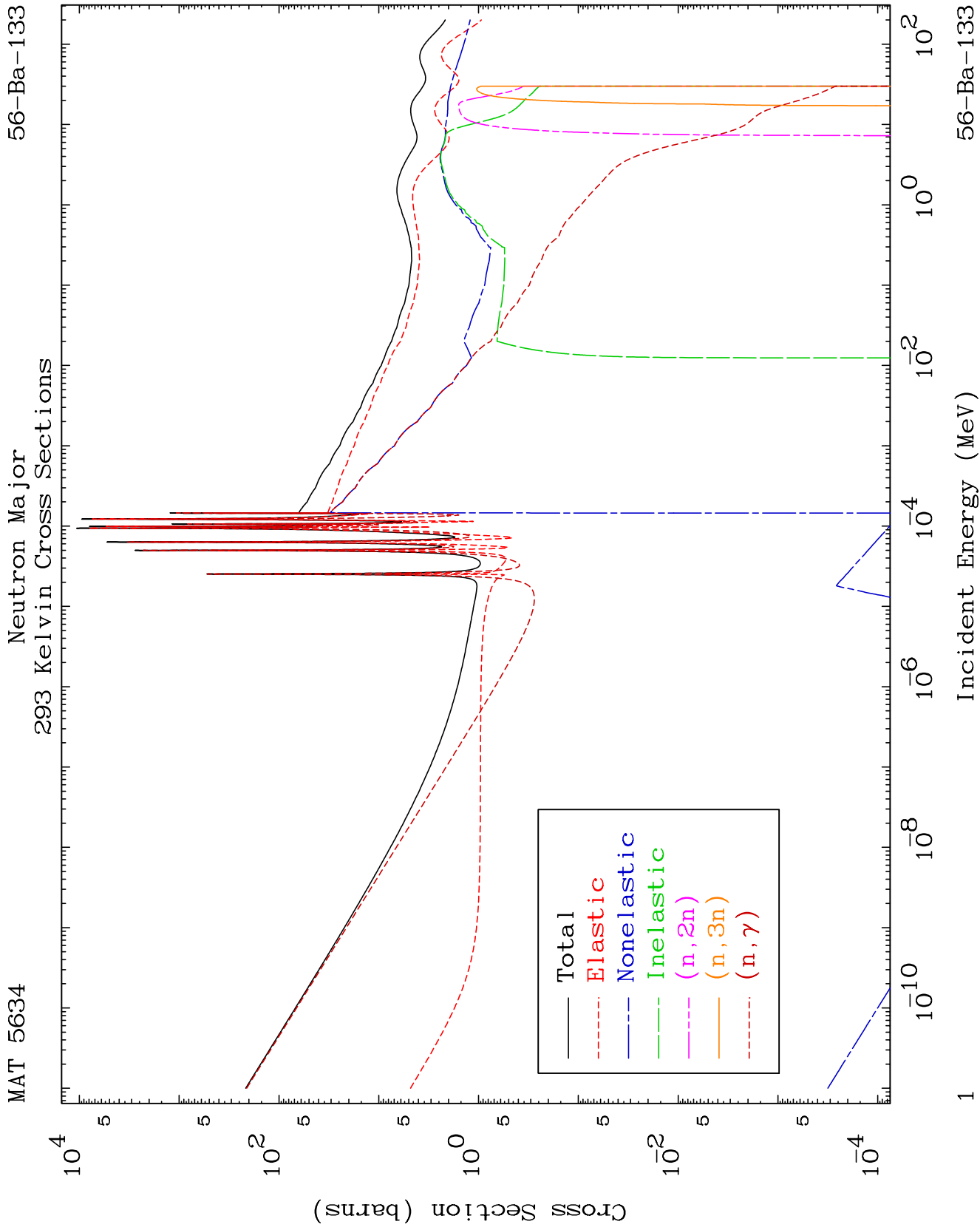
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

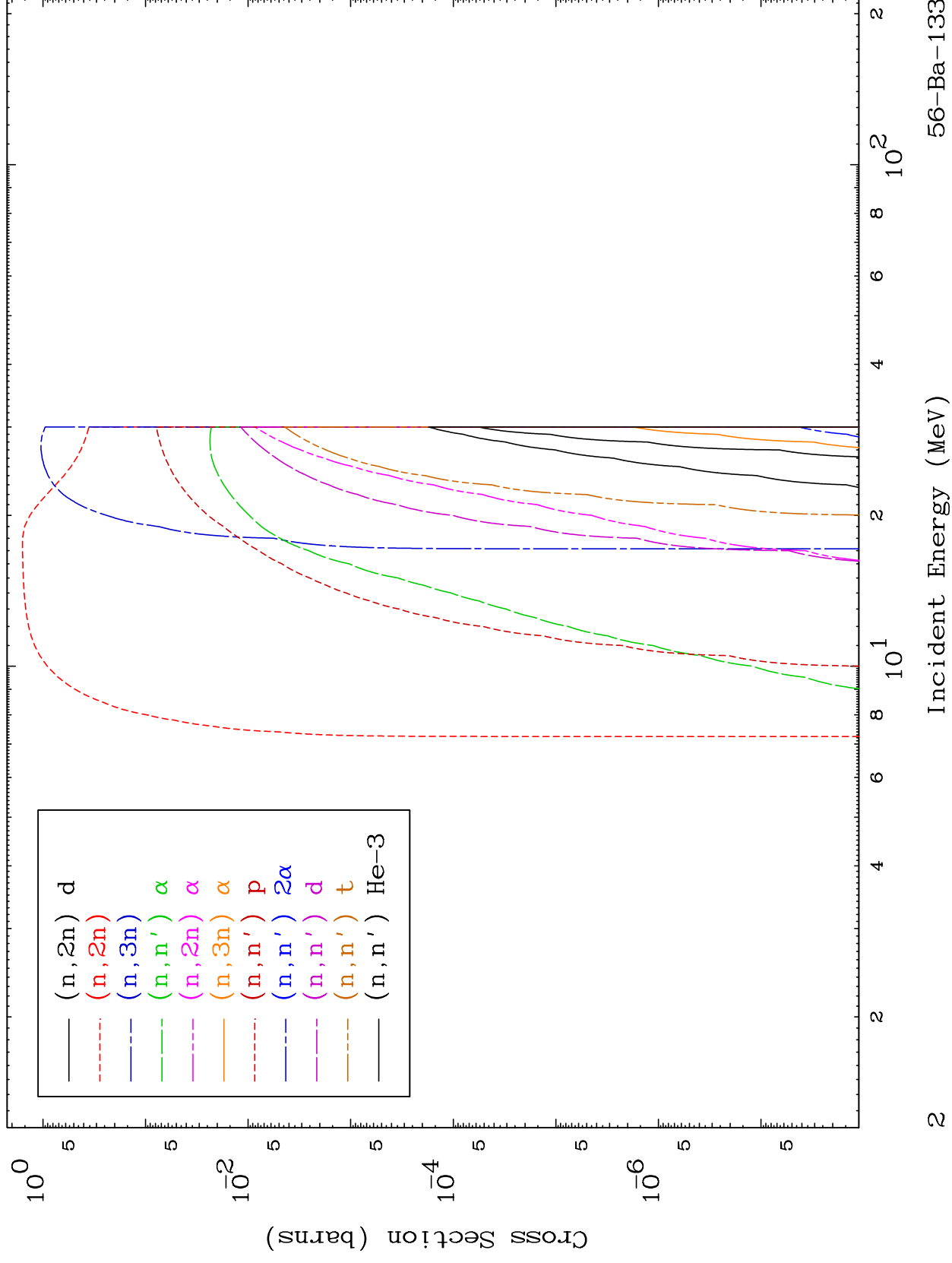


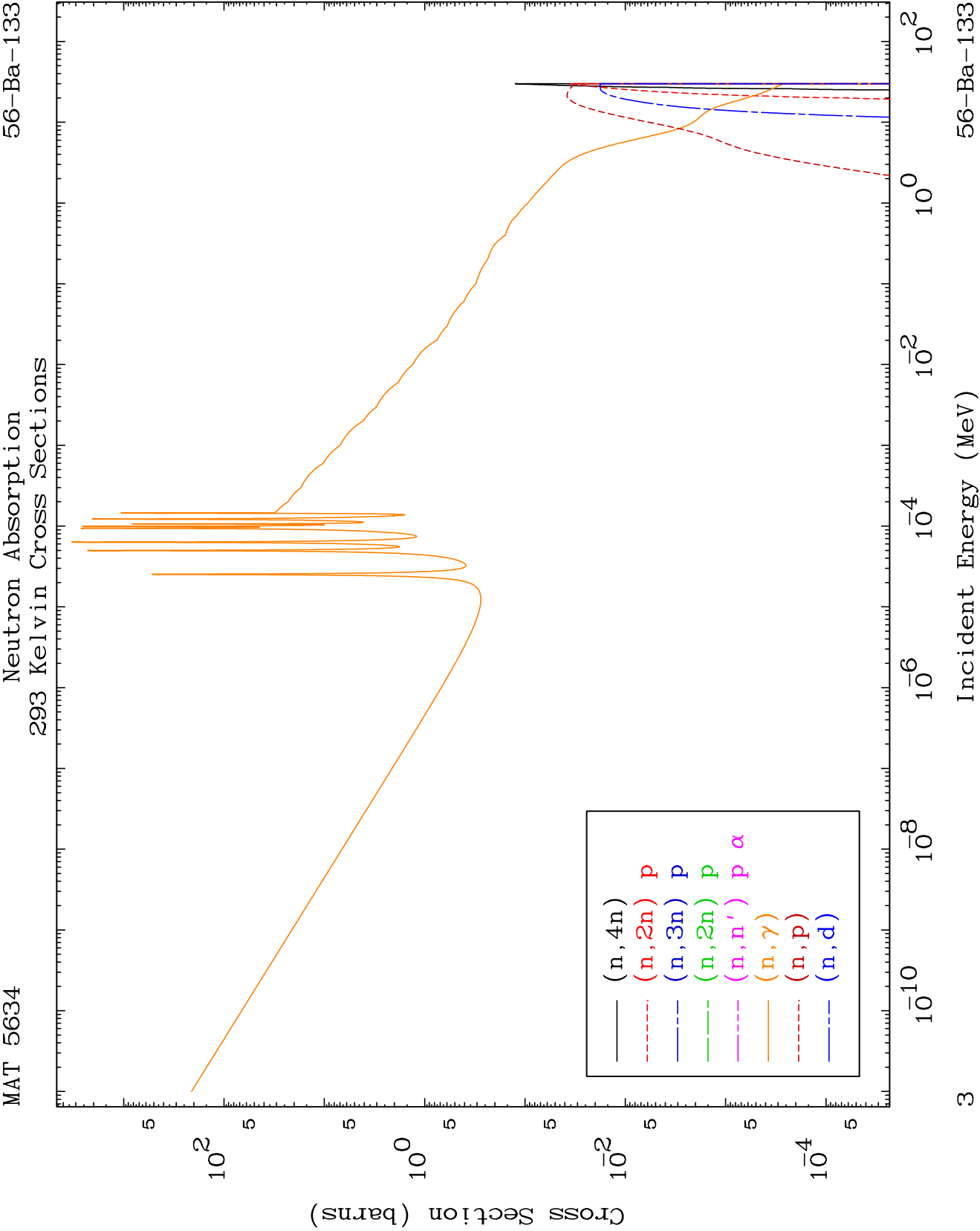
MAT 5634

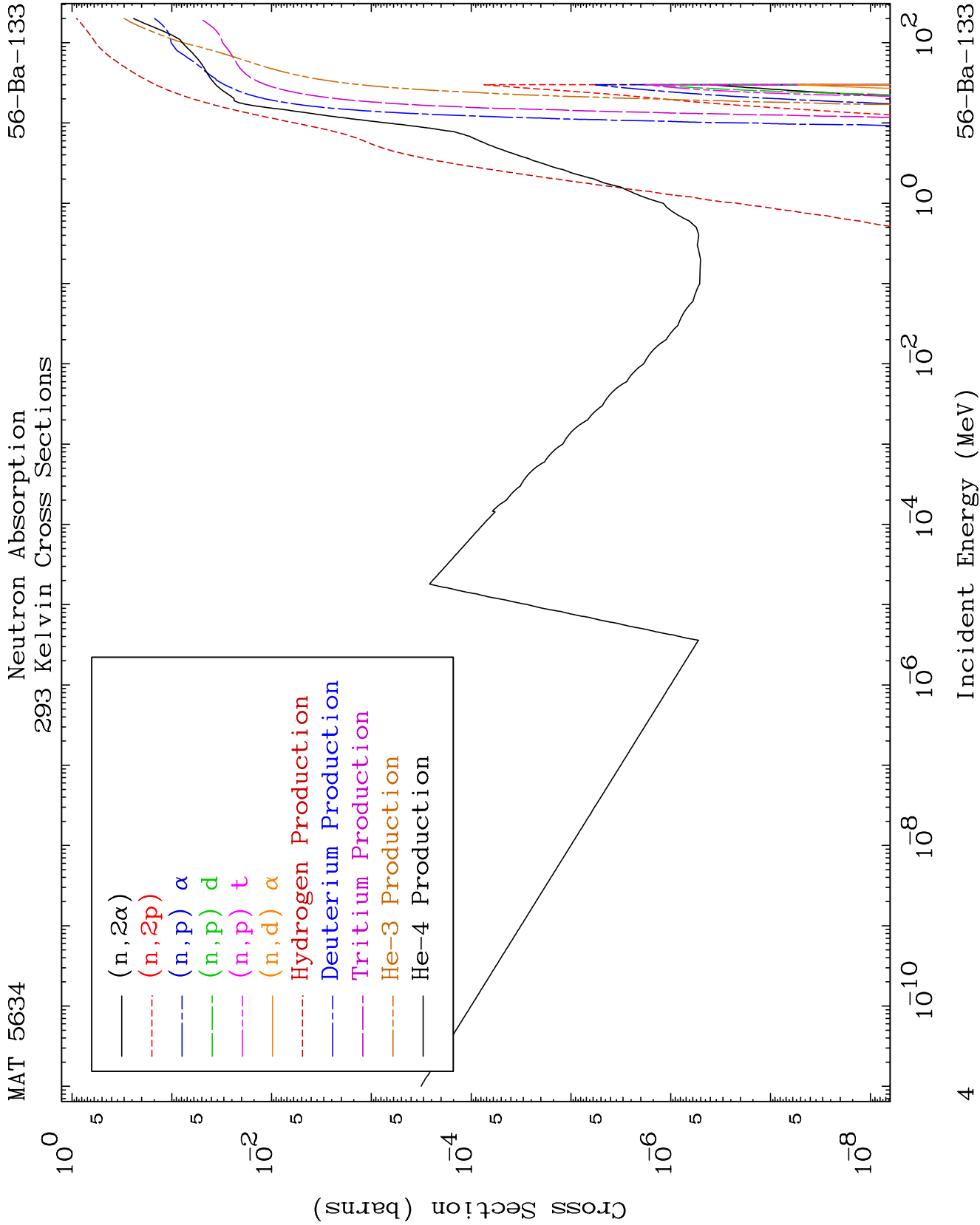
Neutron Absorption

Neutron Absorption 293 Kelvin Cross Sections

56-Ba-133



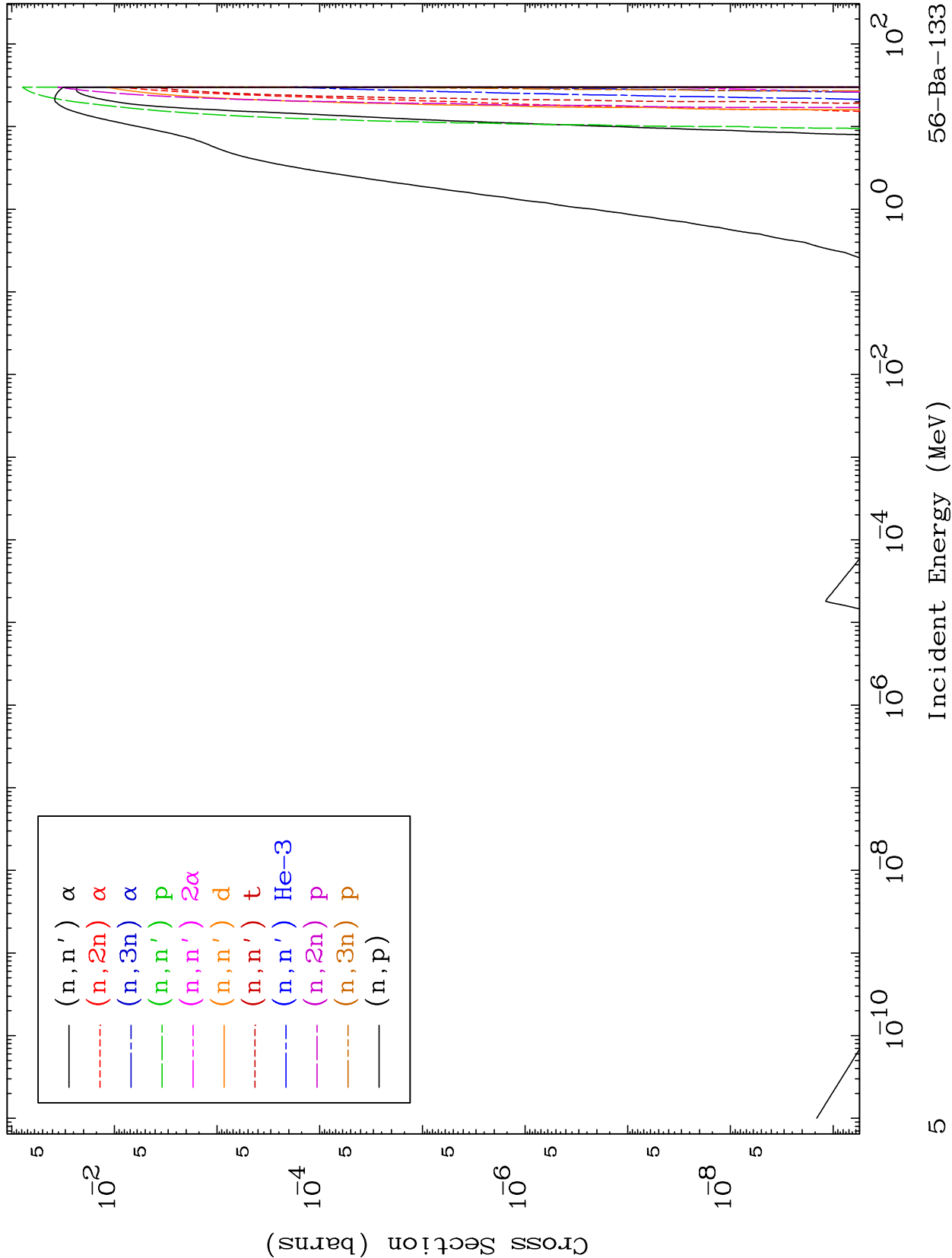


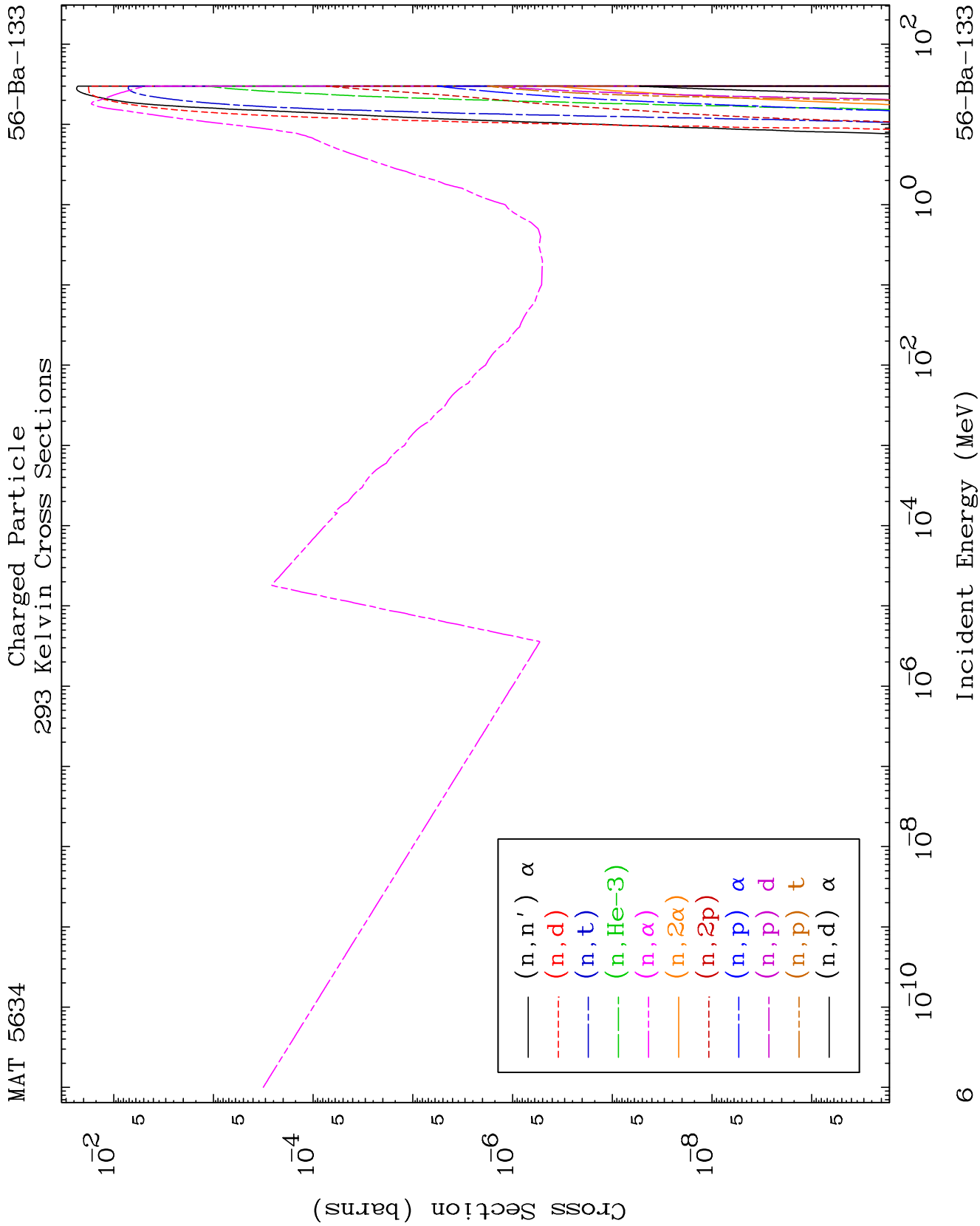


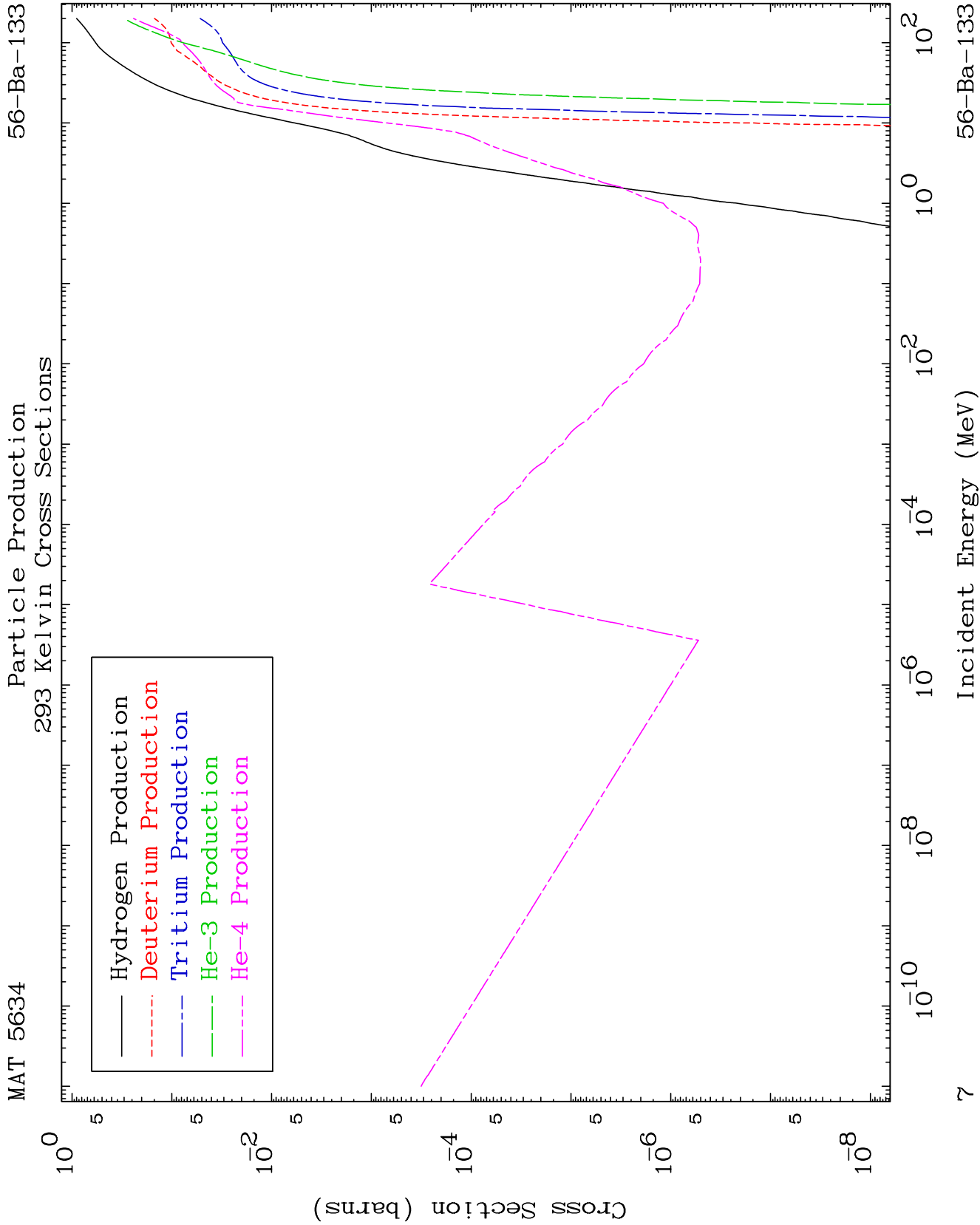
MAT 5634

Charged Particle
293 Kelvin Cross Sections

56-Ba-133





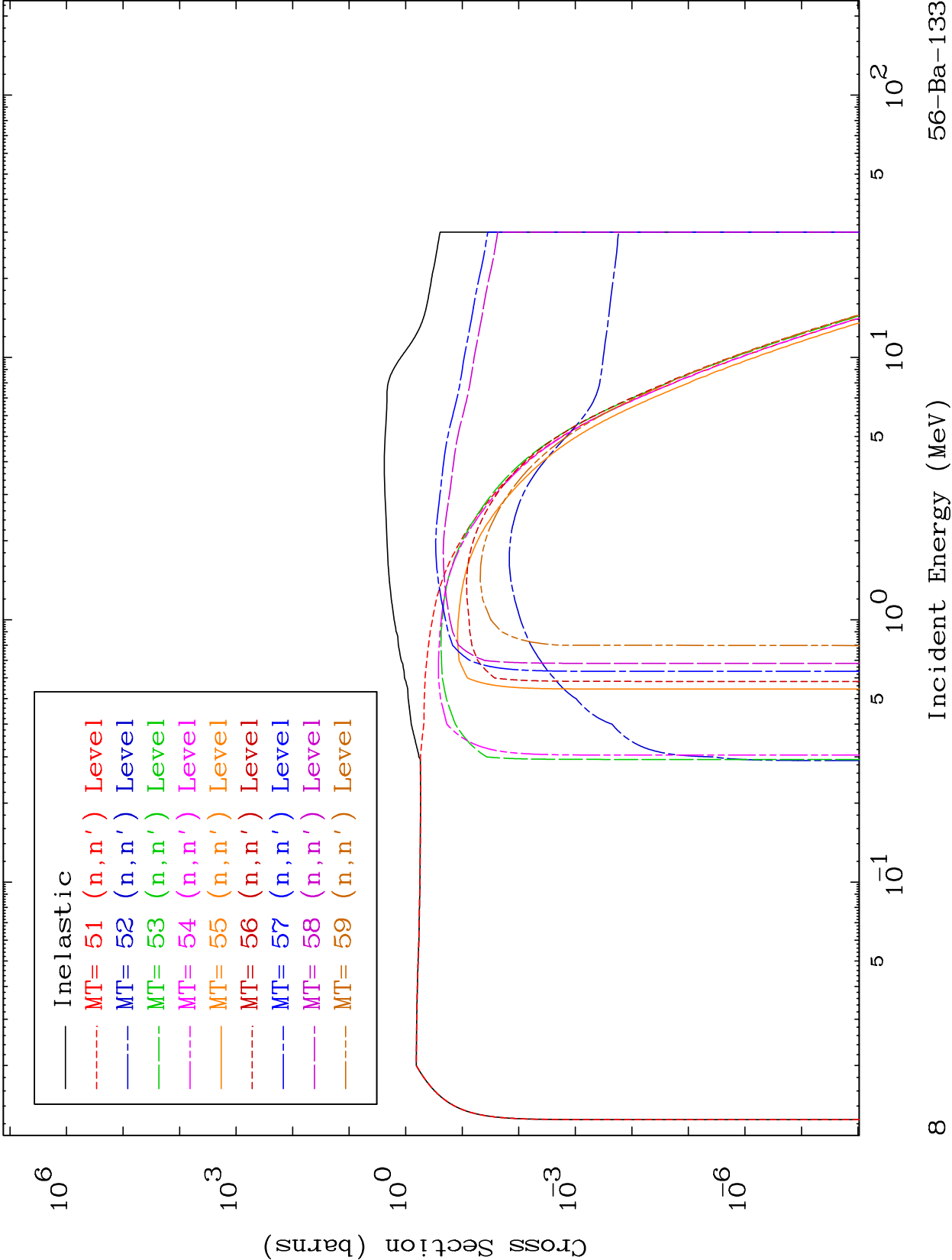


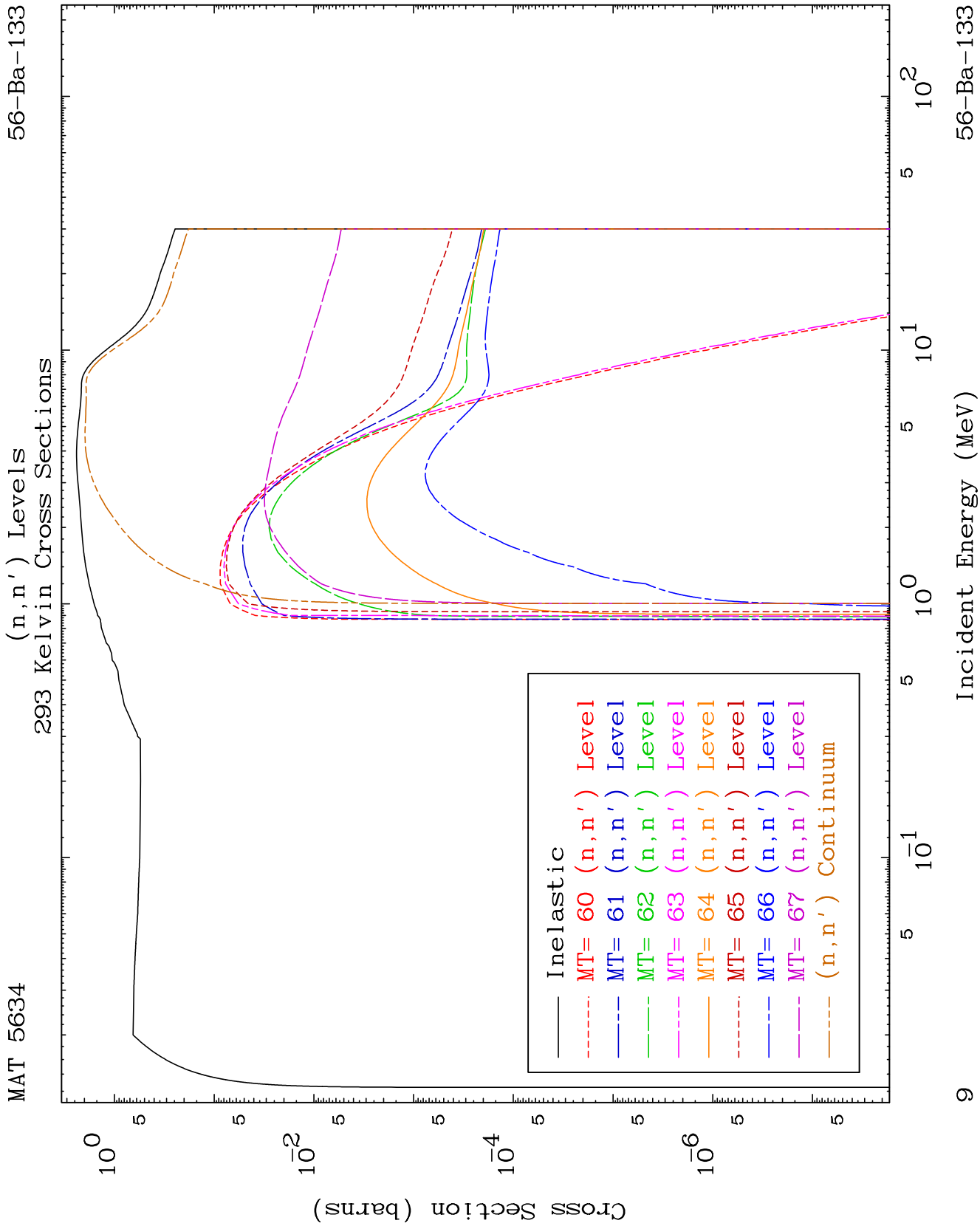
MAT 5634

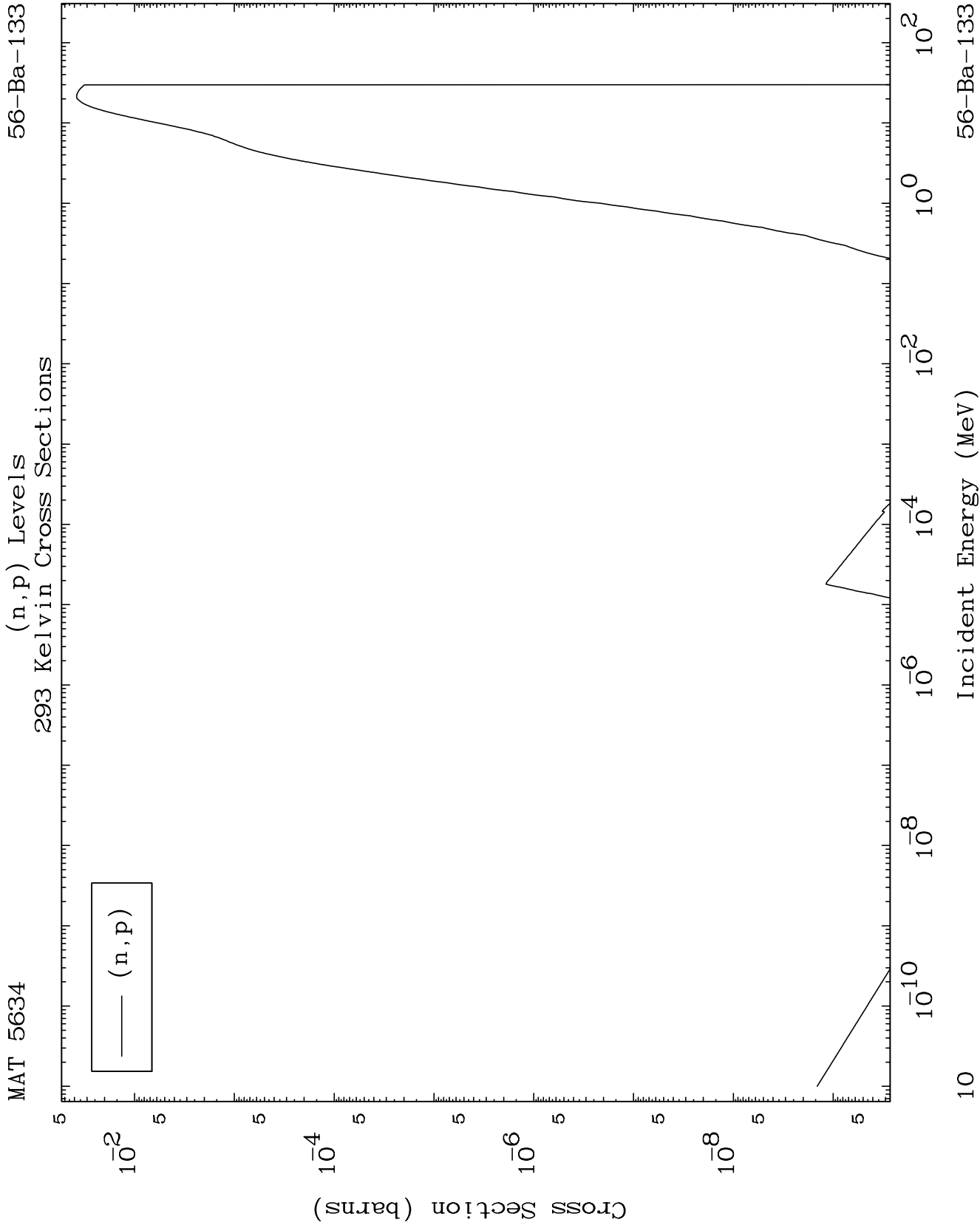
(n,n') Levels

56-Ba-133

293 Kelvin Cross Sections



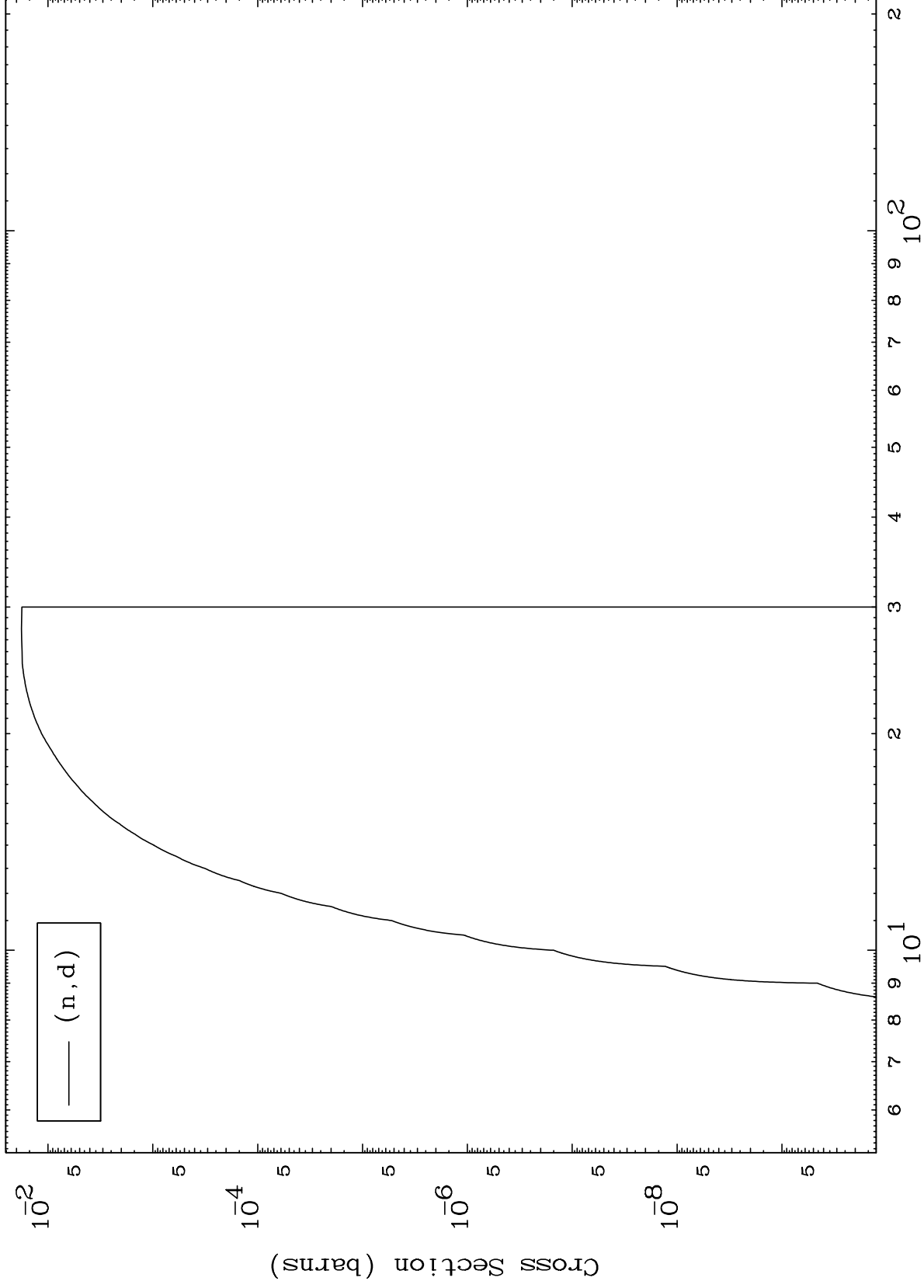




MAT 5634

56-Ba-133

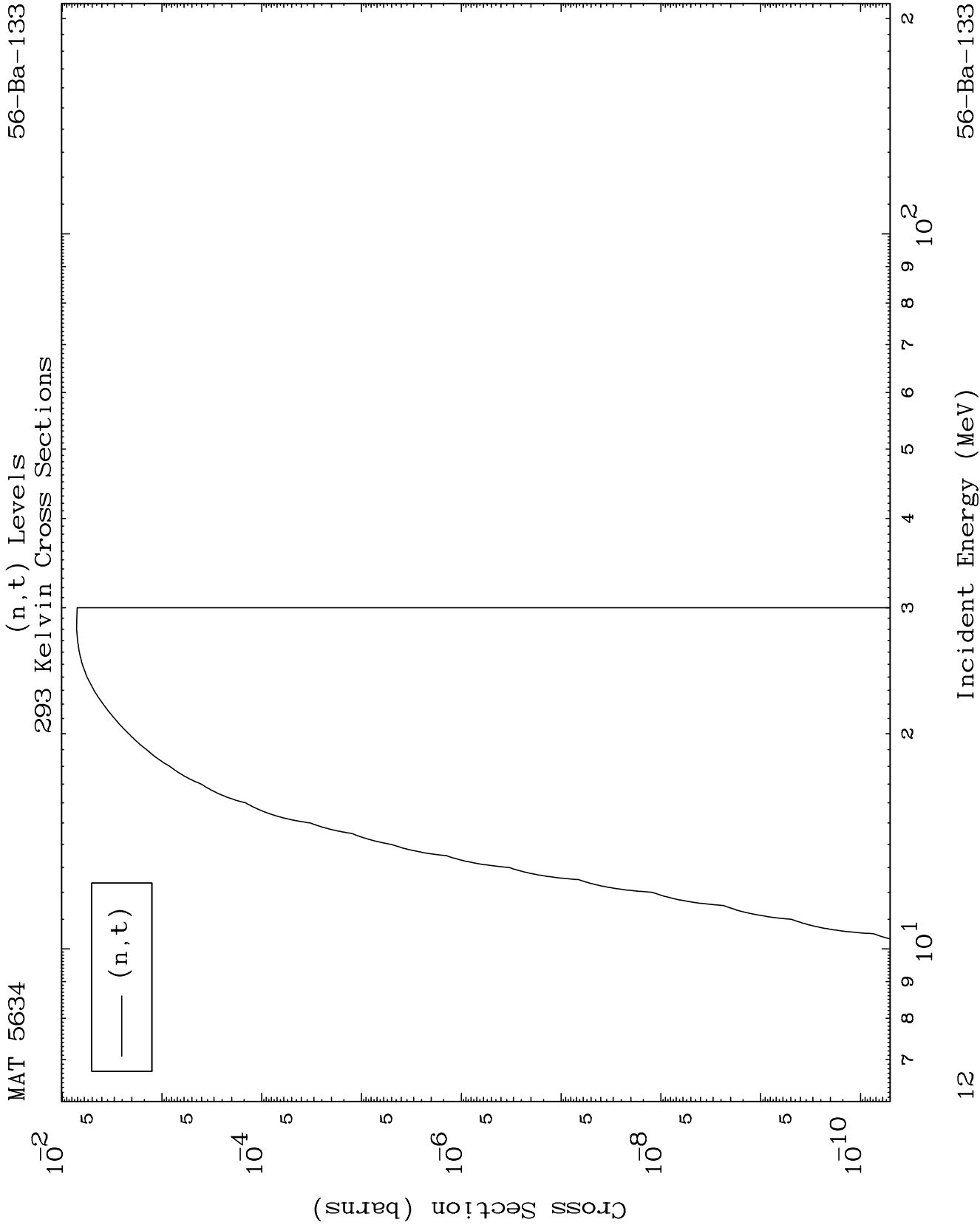
(n,d) Levels
293 Kelvin Cross Sections



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56-Ba-133

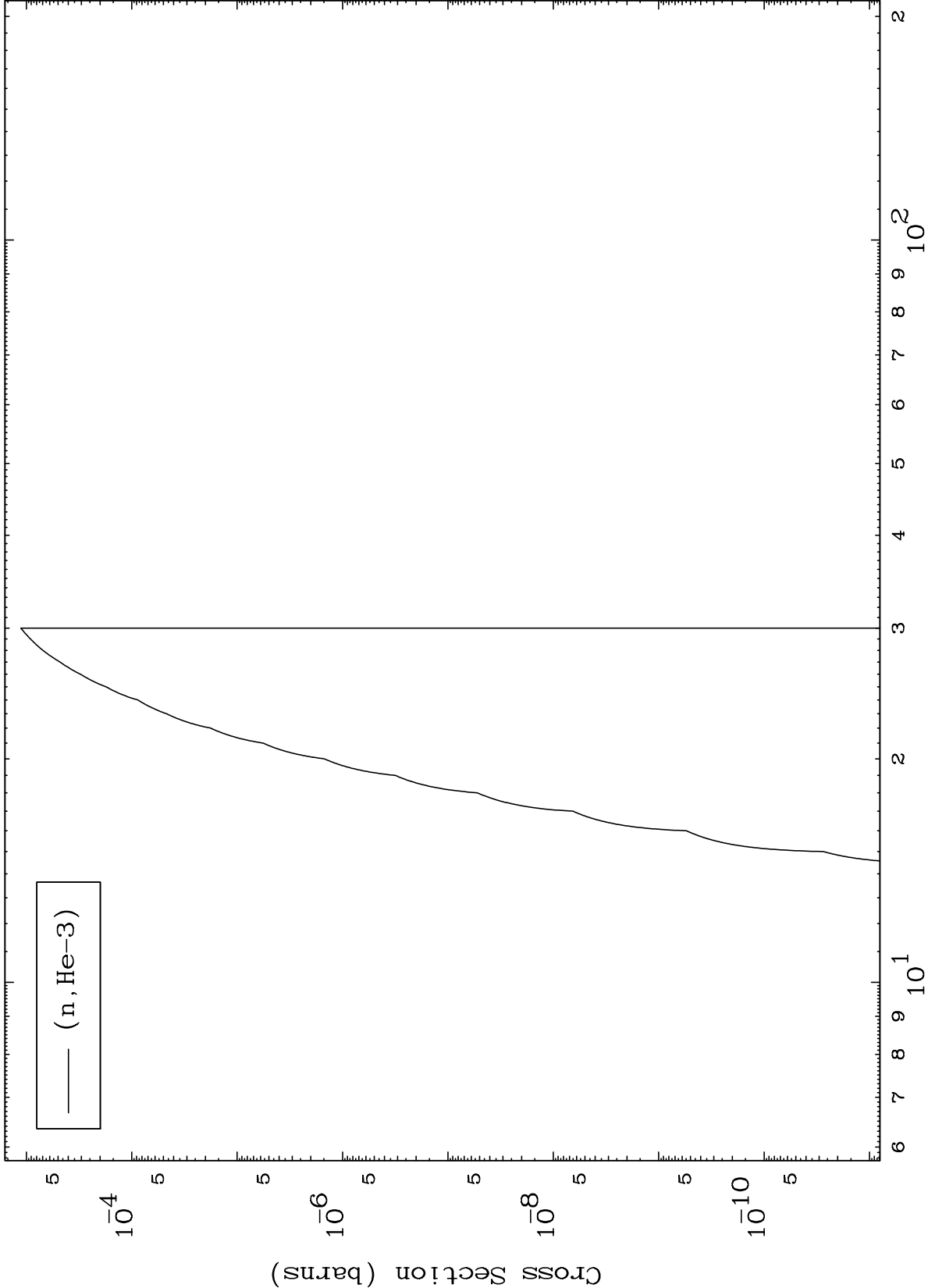
Incident Energy (MeV)



MAT 5634

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-133



13

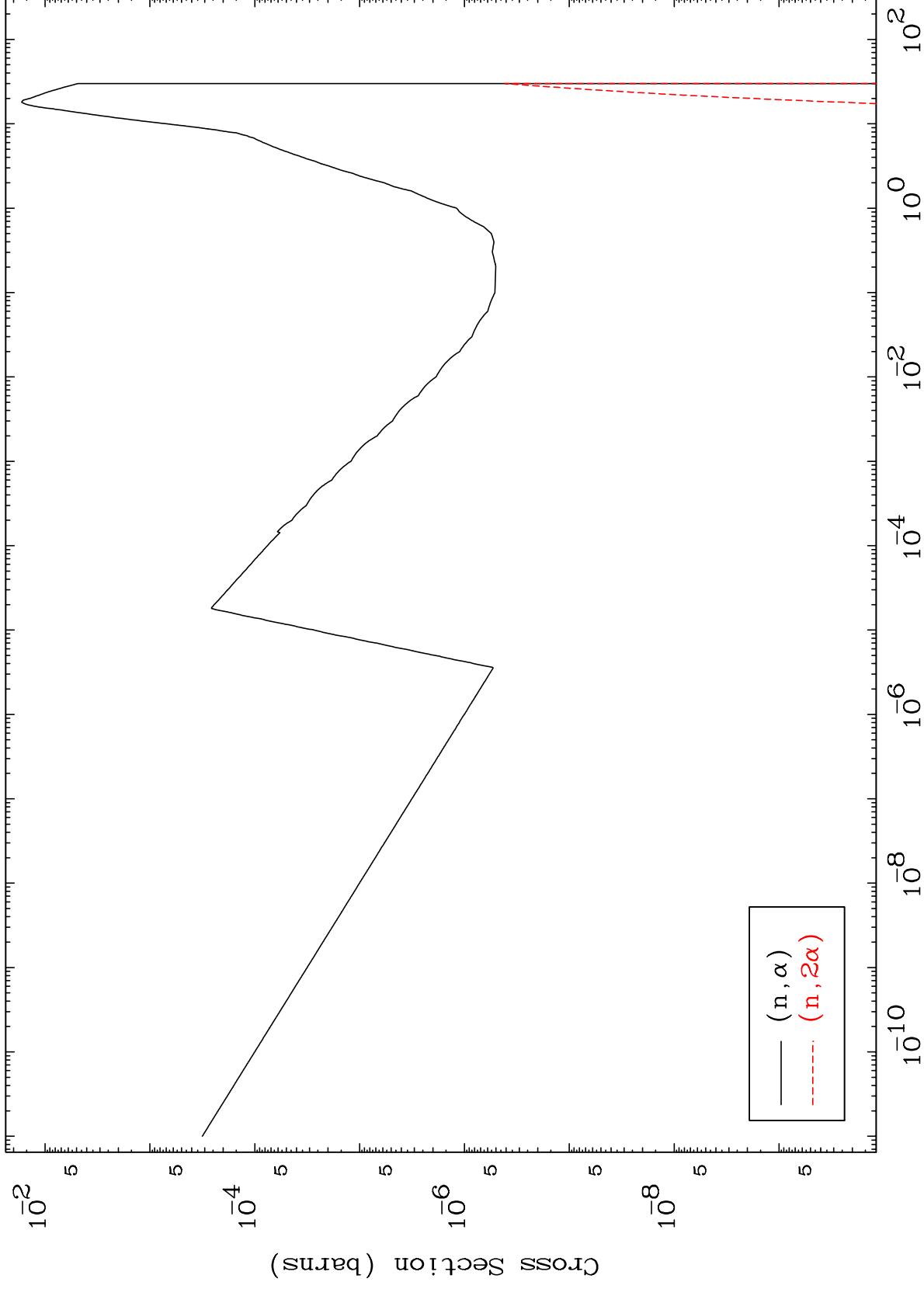
Incident Energy (MeV)

56-Ba-133

MAT 5634

(n, α) Levels
293 Kelvin Cross Sections

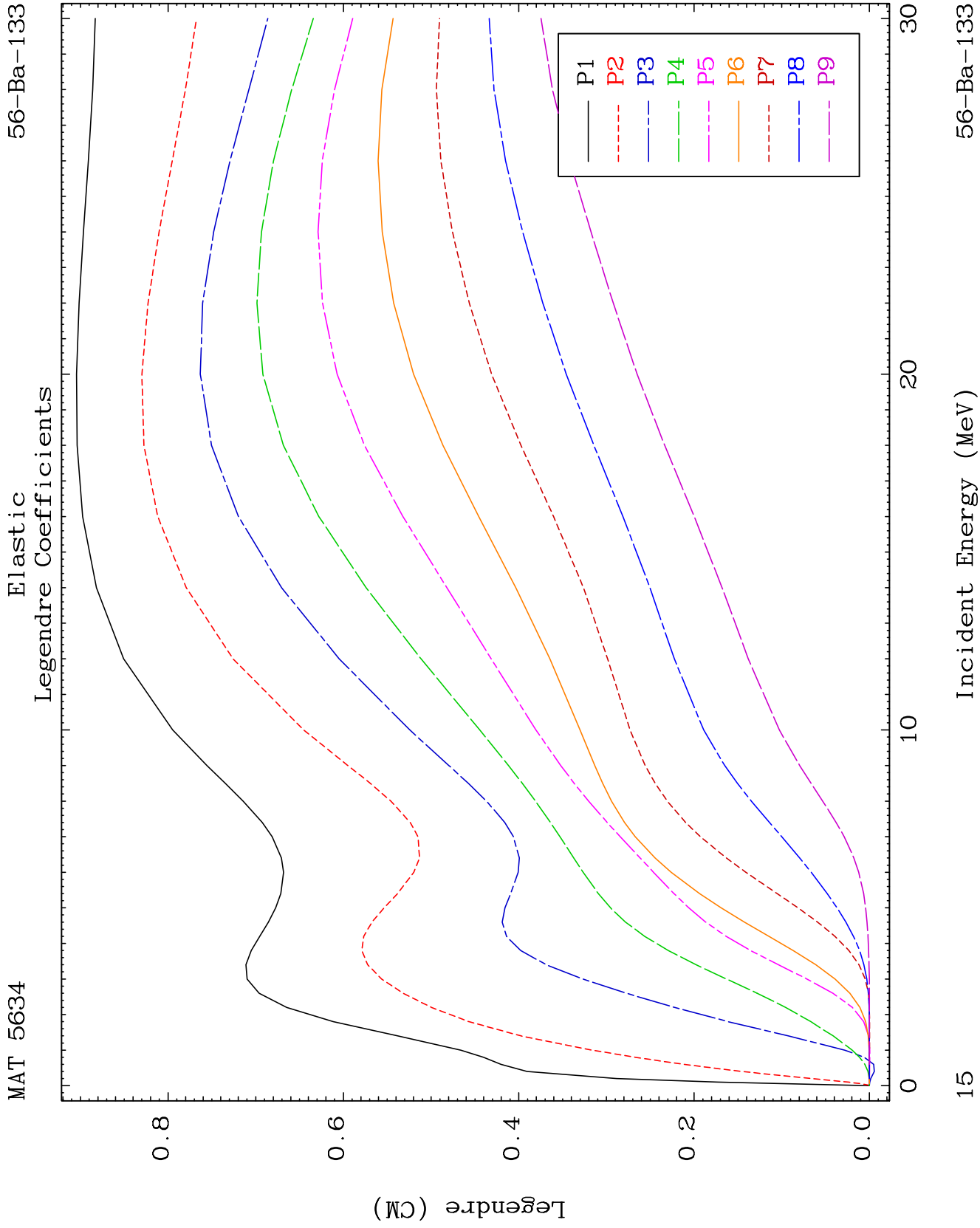
56-Ba-133

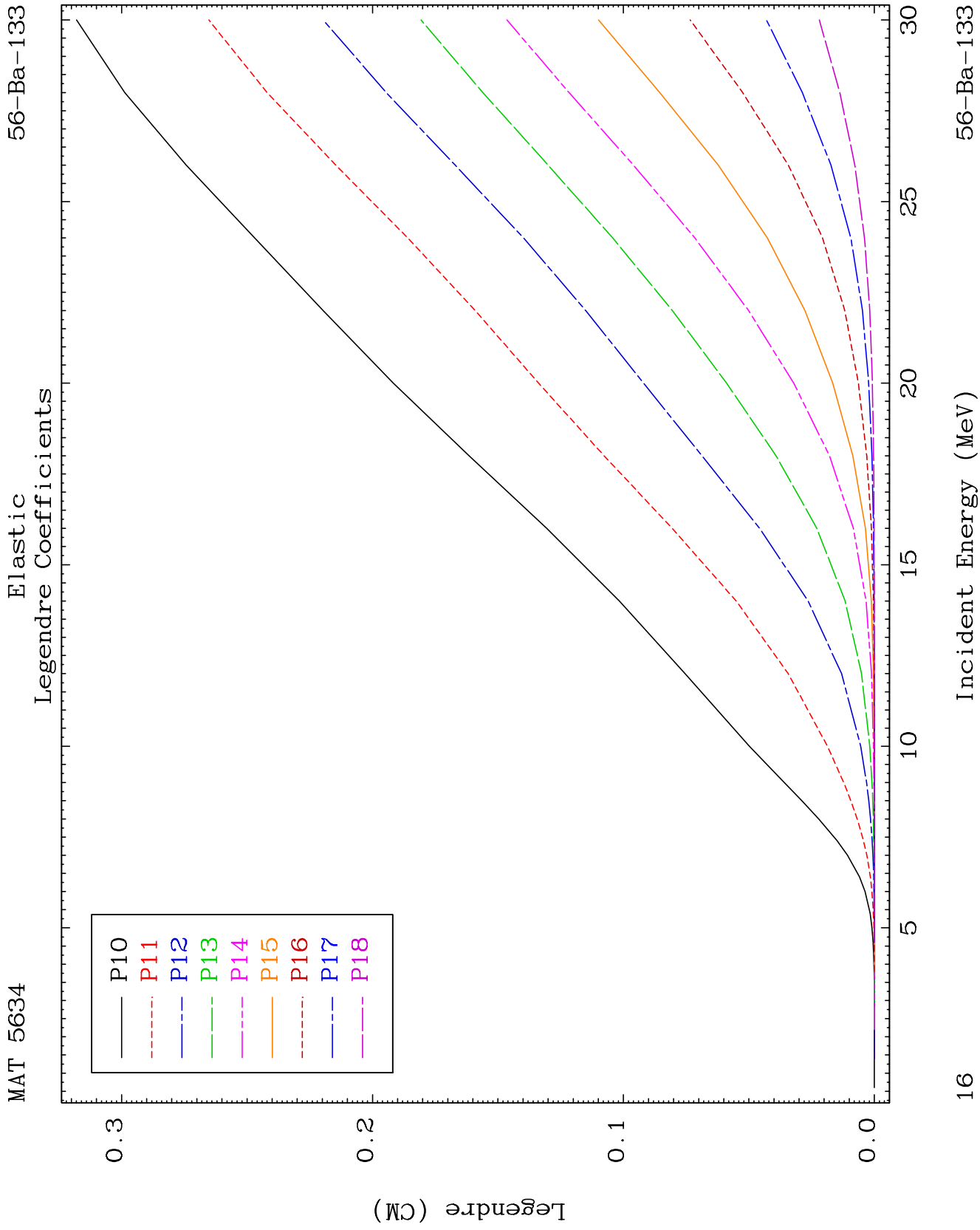


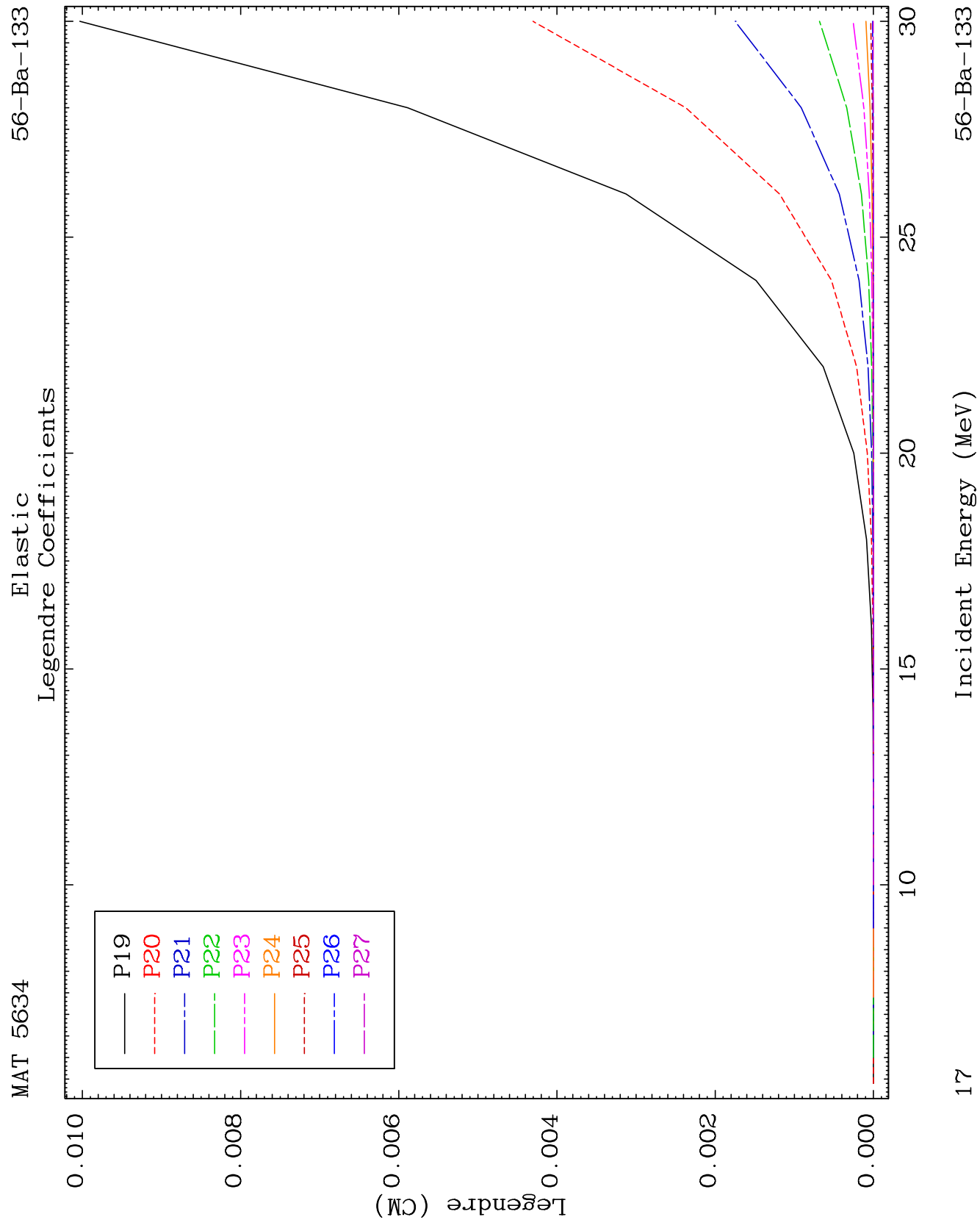
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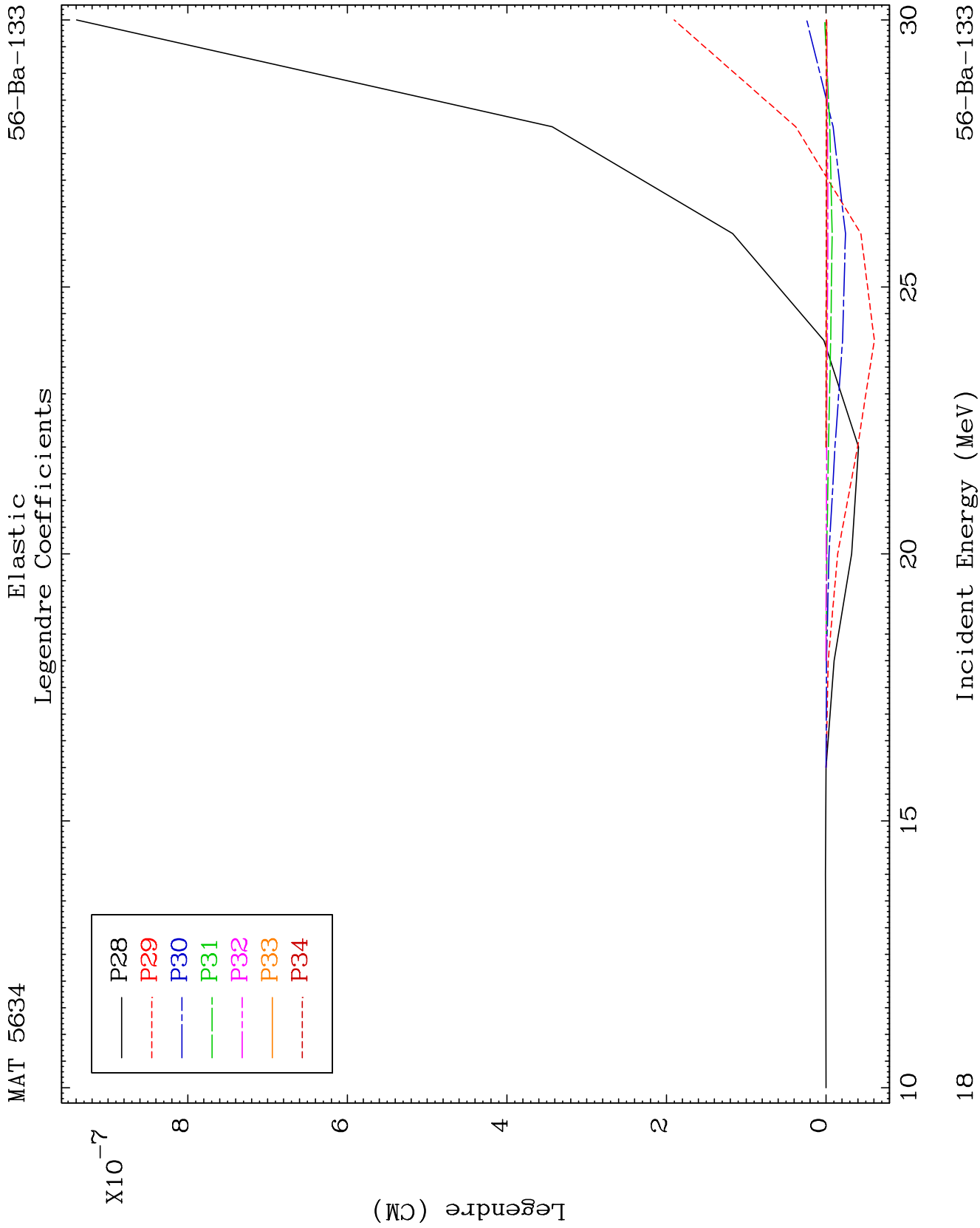
Incident Energy (MeV)

56-Ba-133





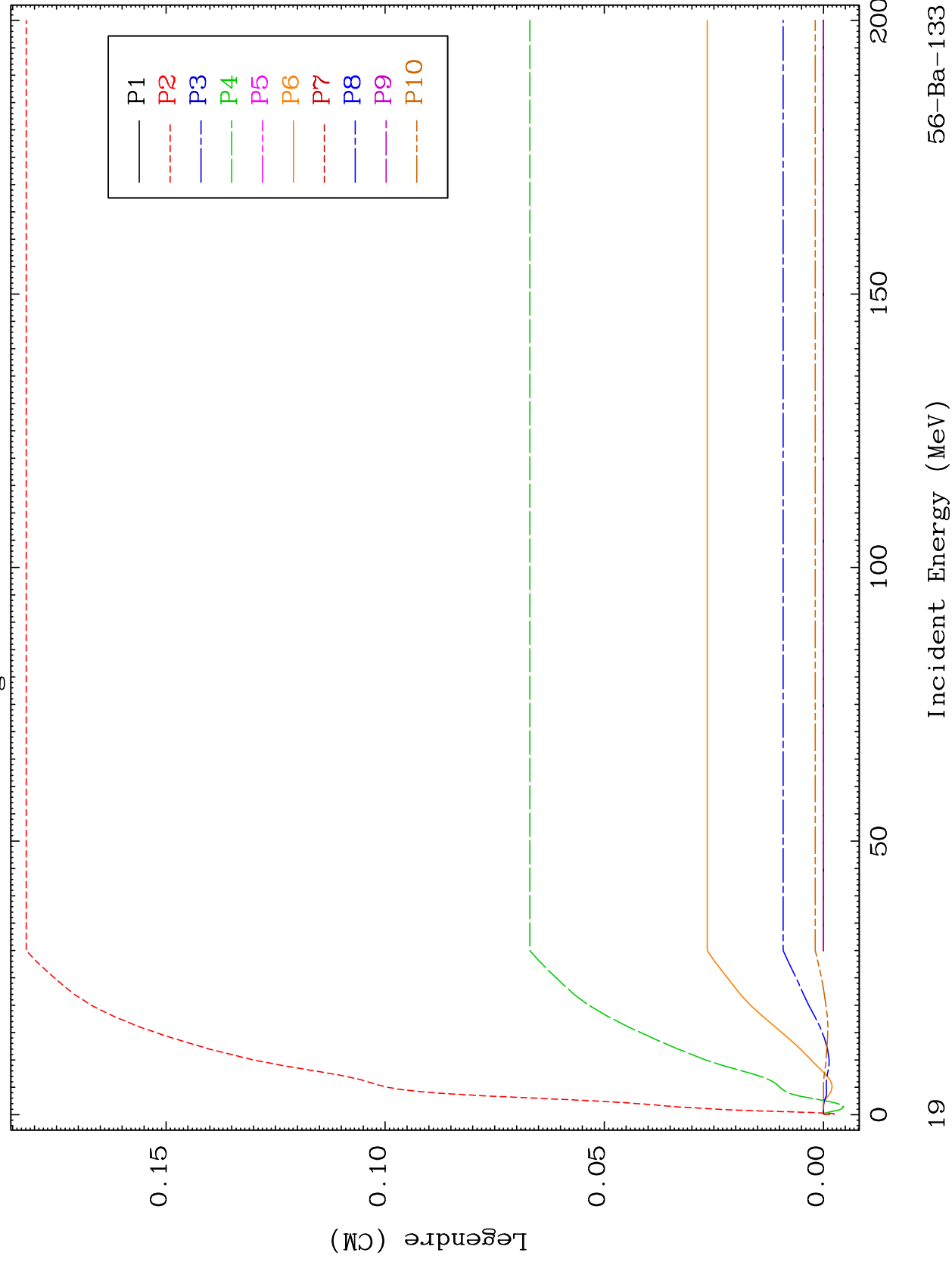


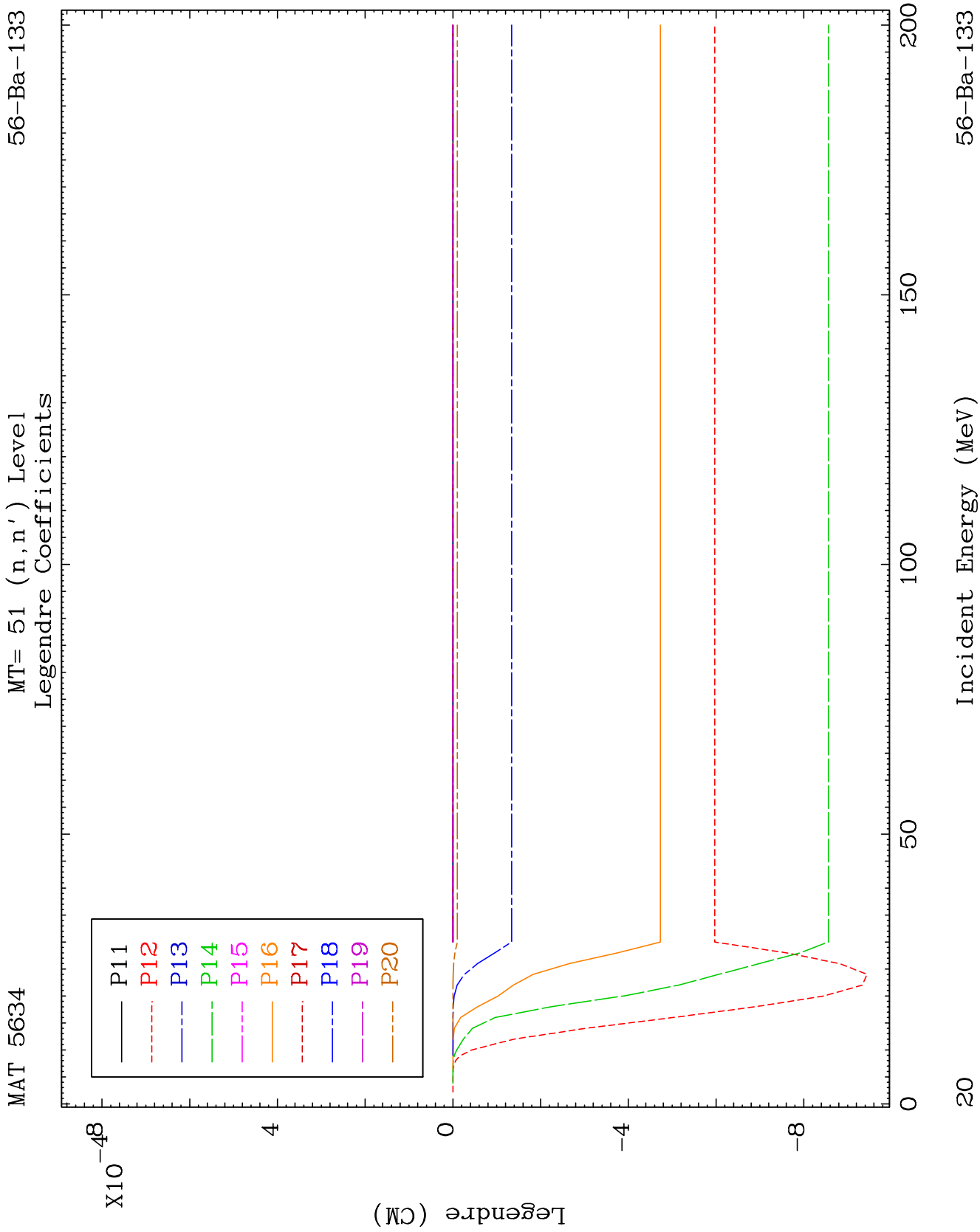


MAT 5634

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

56-Ba-133

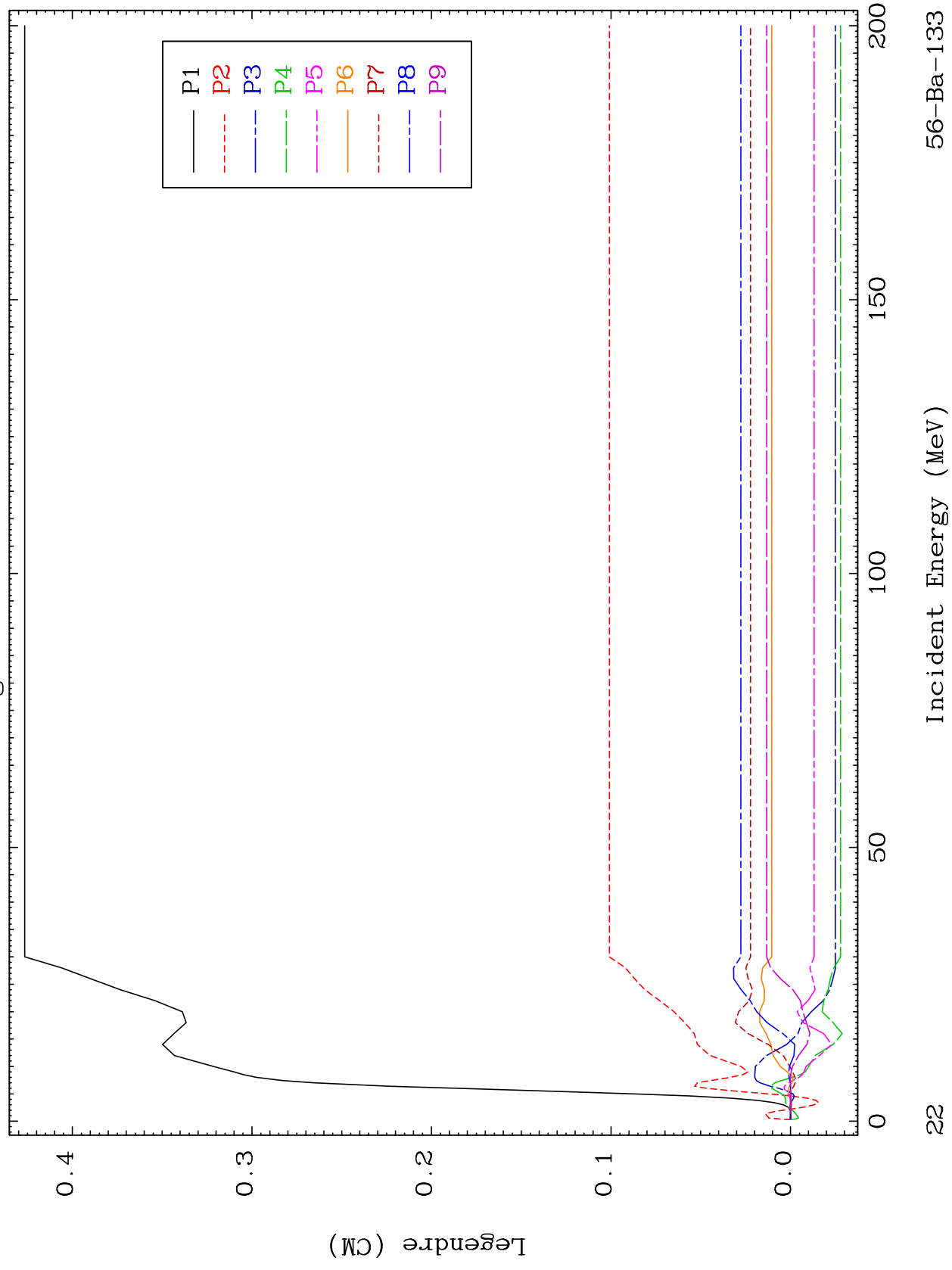


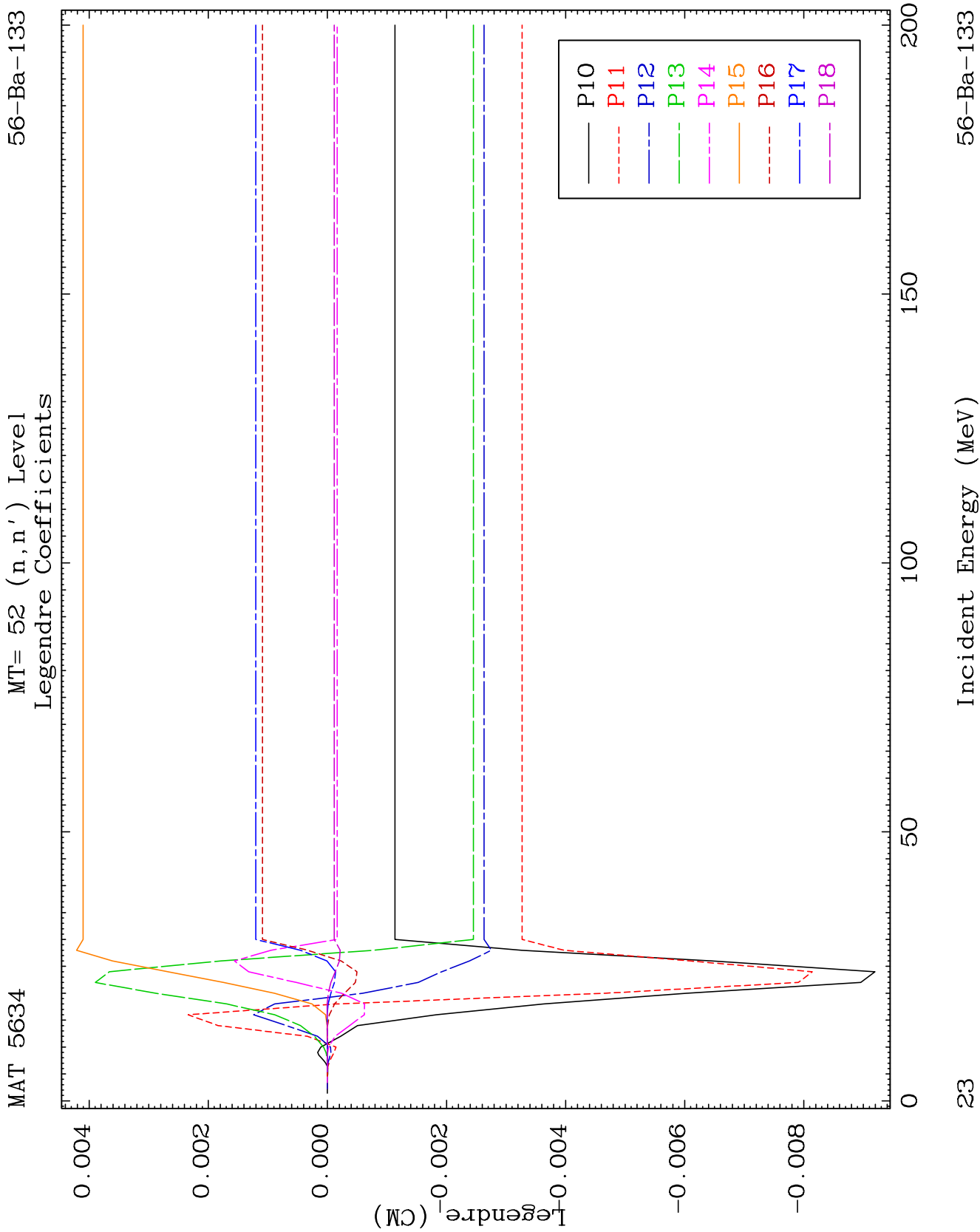


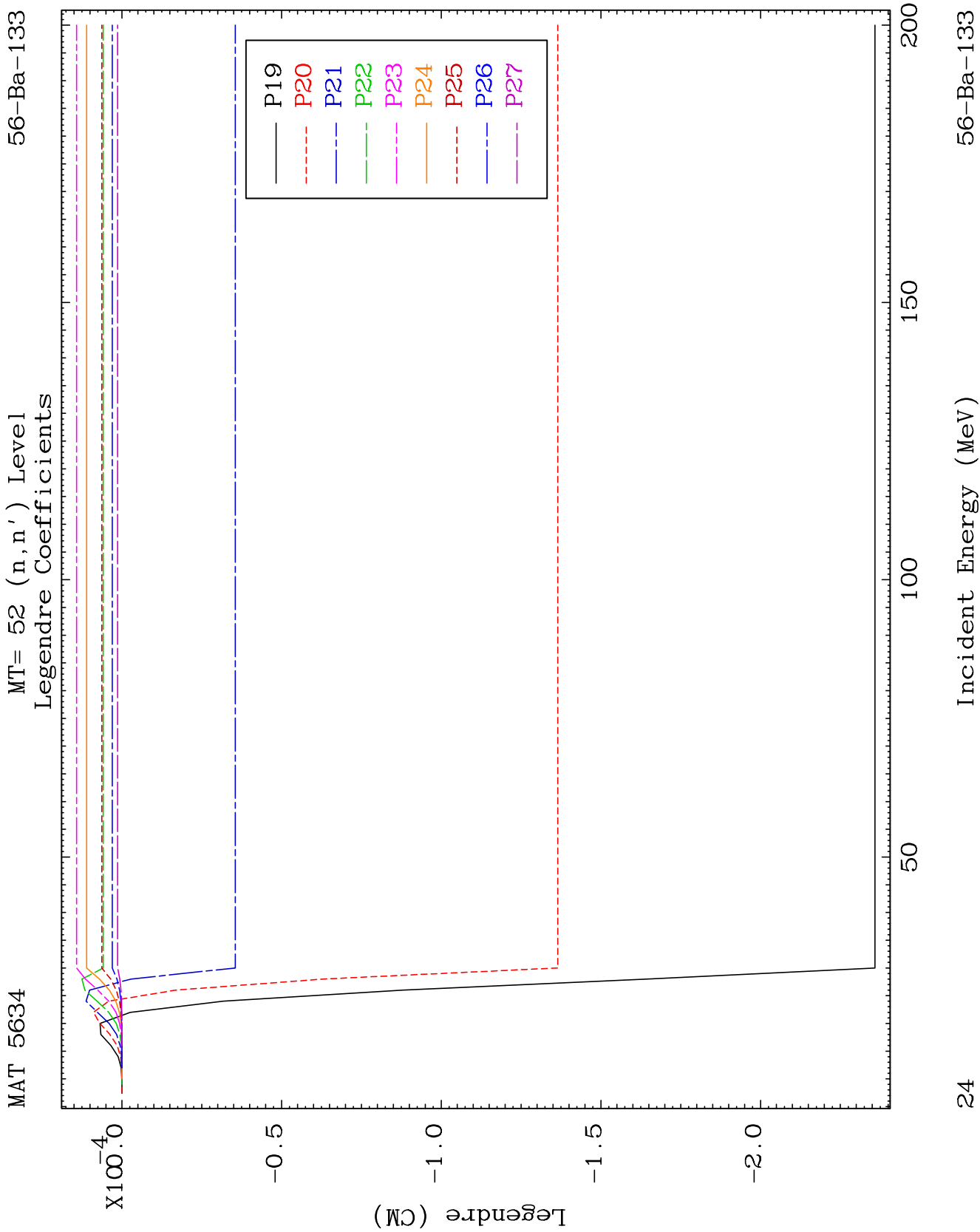
MAT 5634

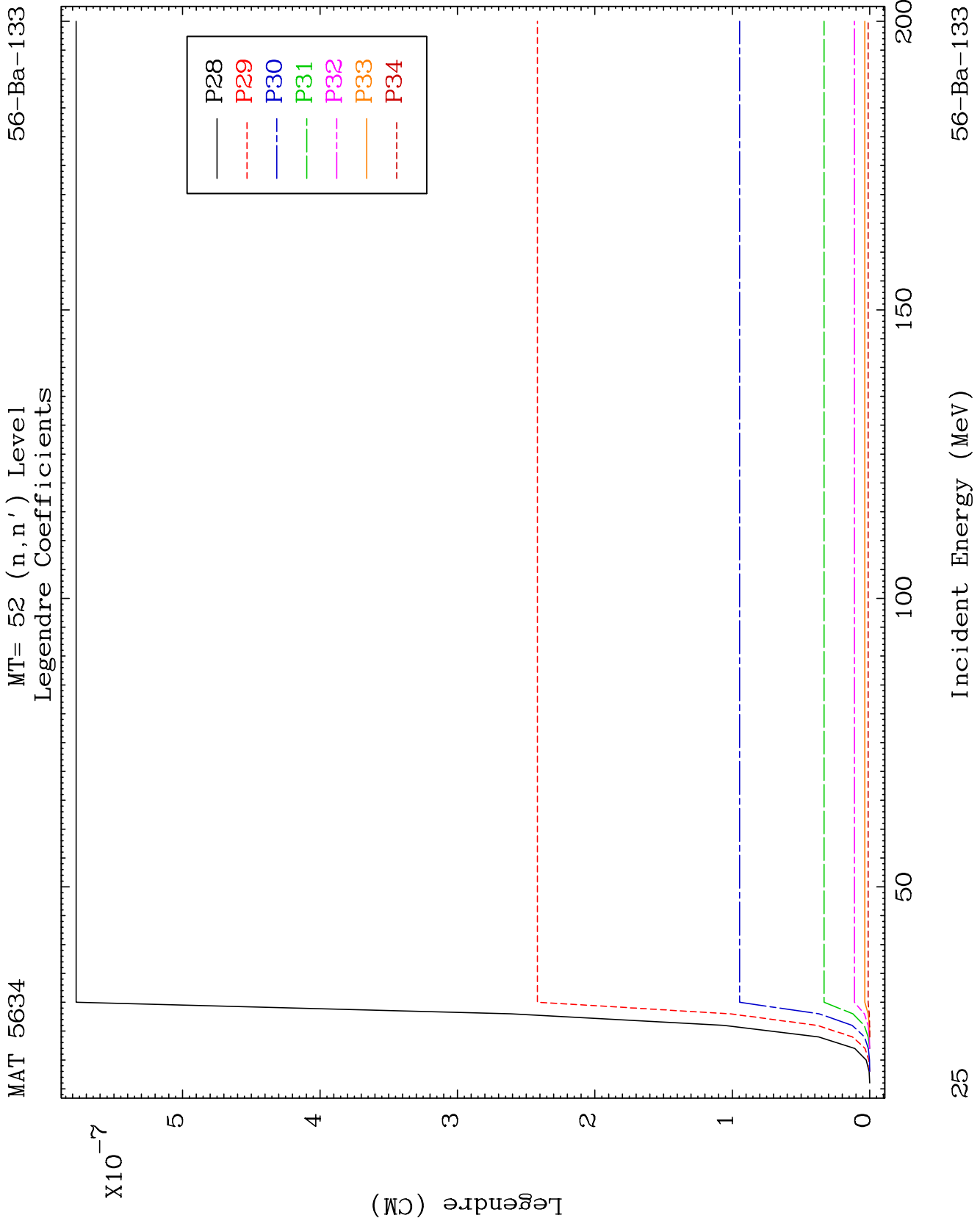
MT= 52 (n, n') Level
Legendre Coefficients

56-Ba-133





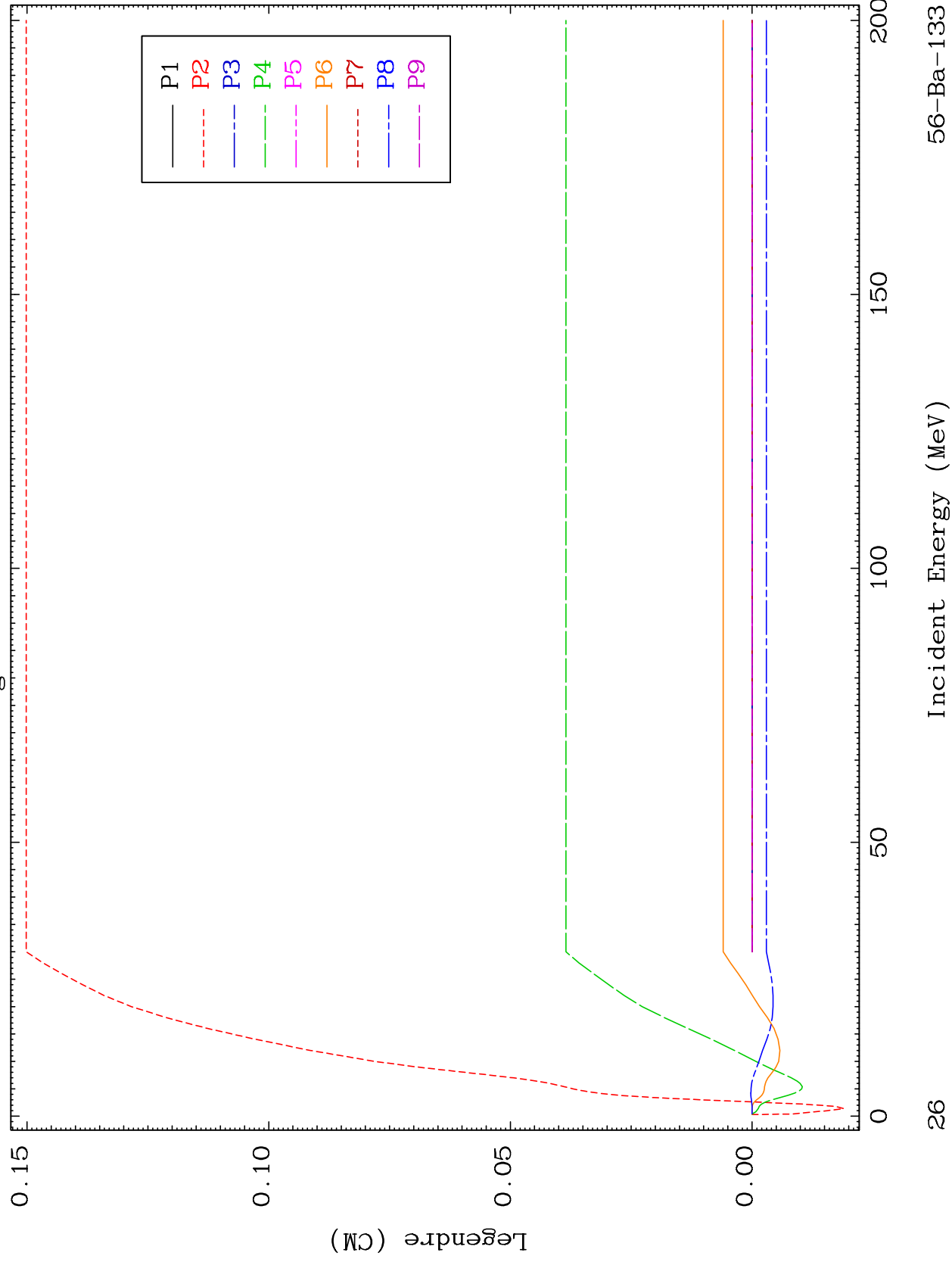


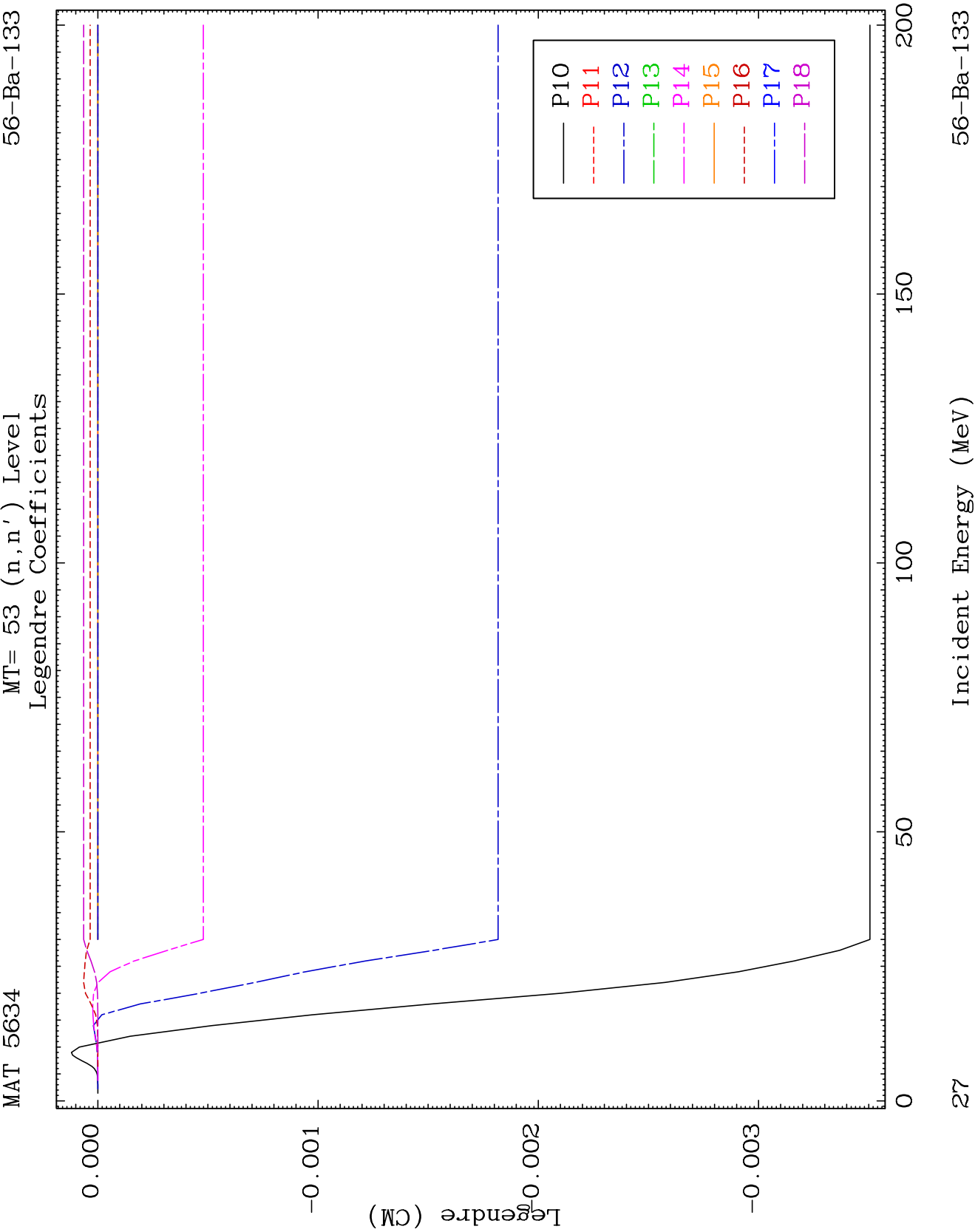


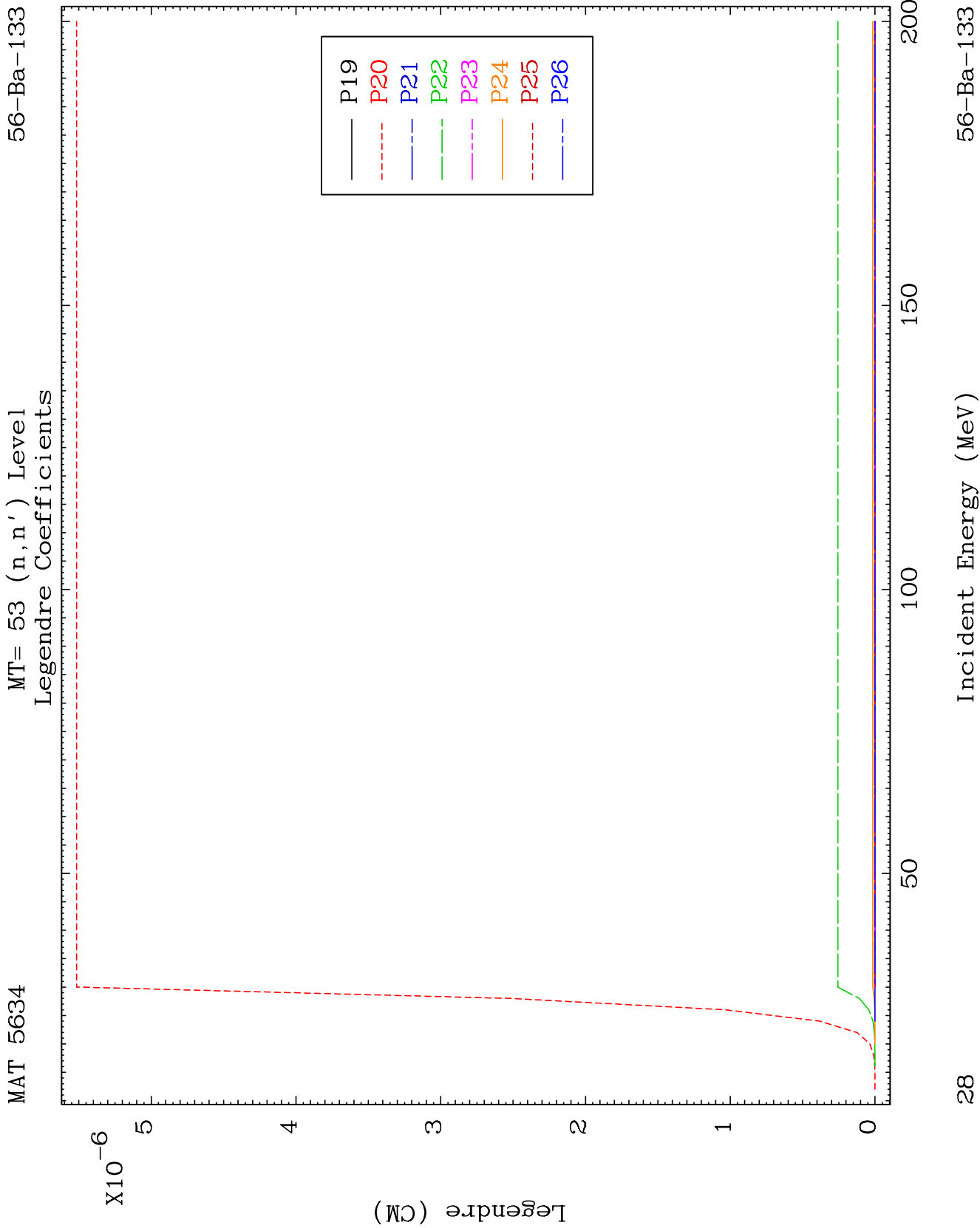
MAT 5634

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

56-Ba-133



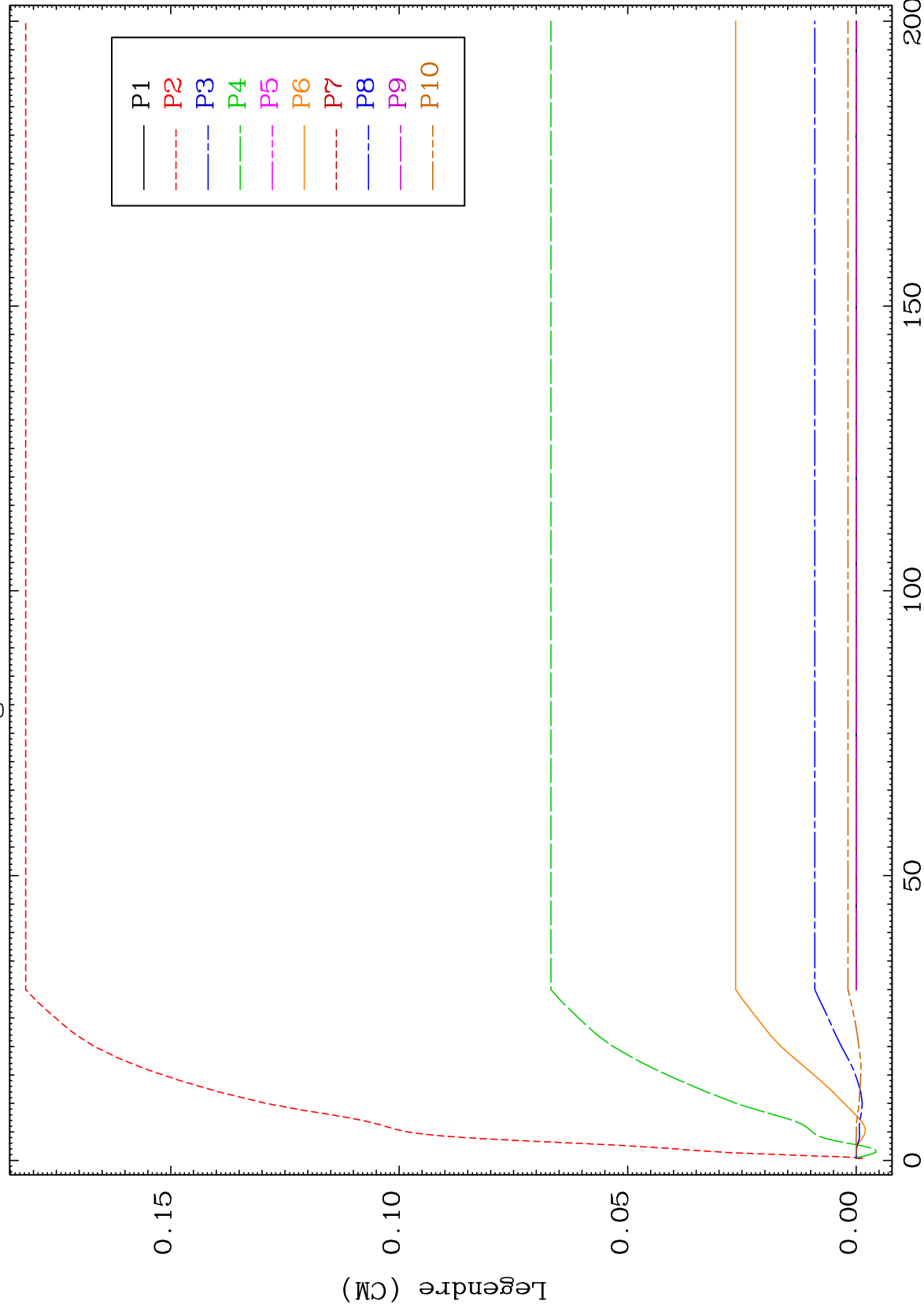




MAT 5634

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

56-Ba-133



29

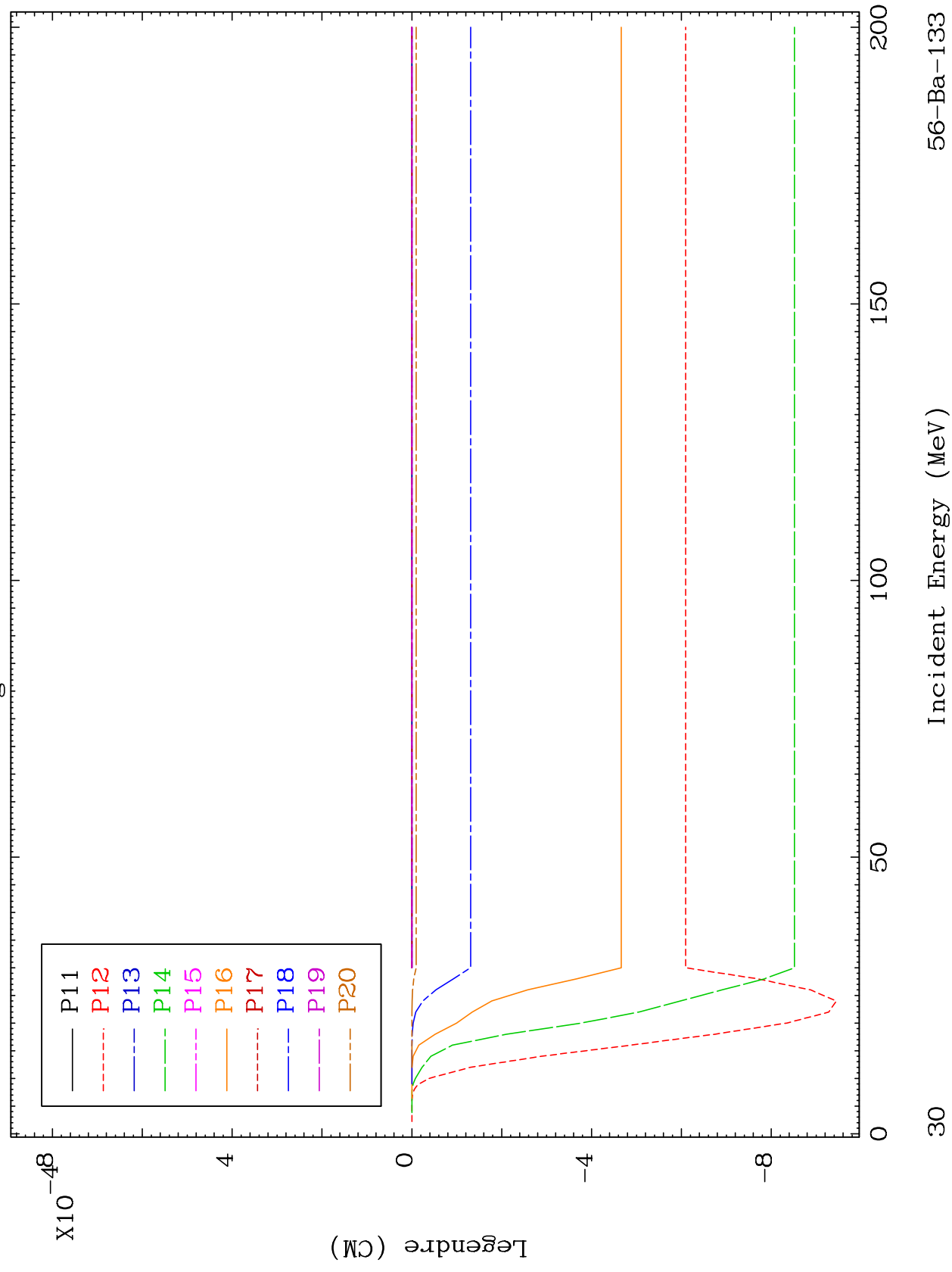
Incident Energy (MeV)

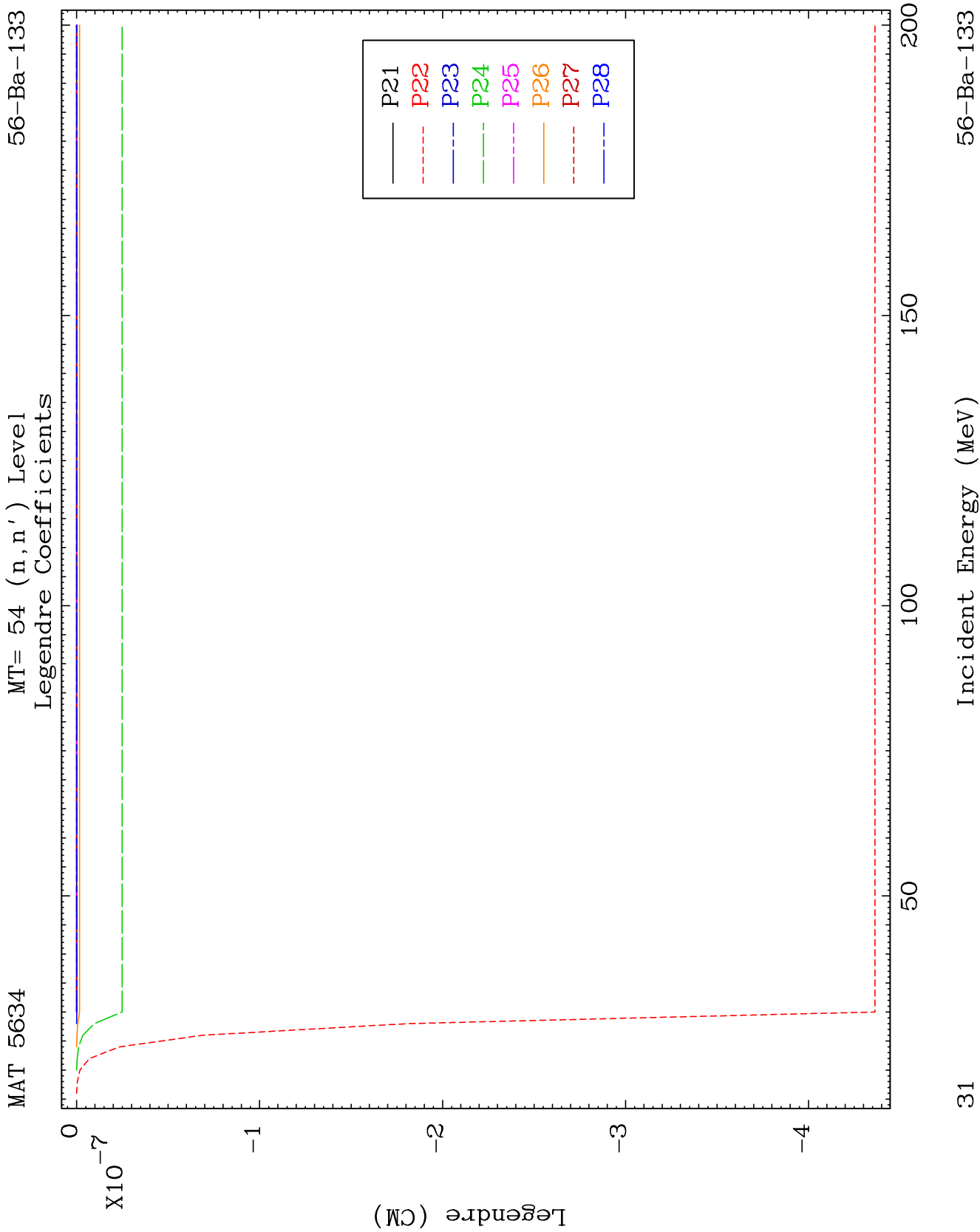
56-Ba-133

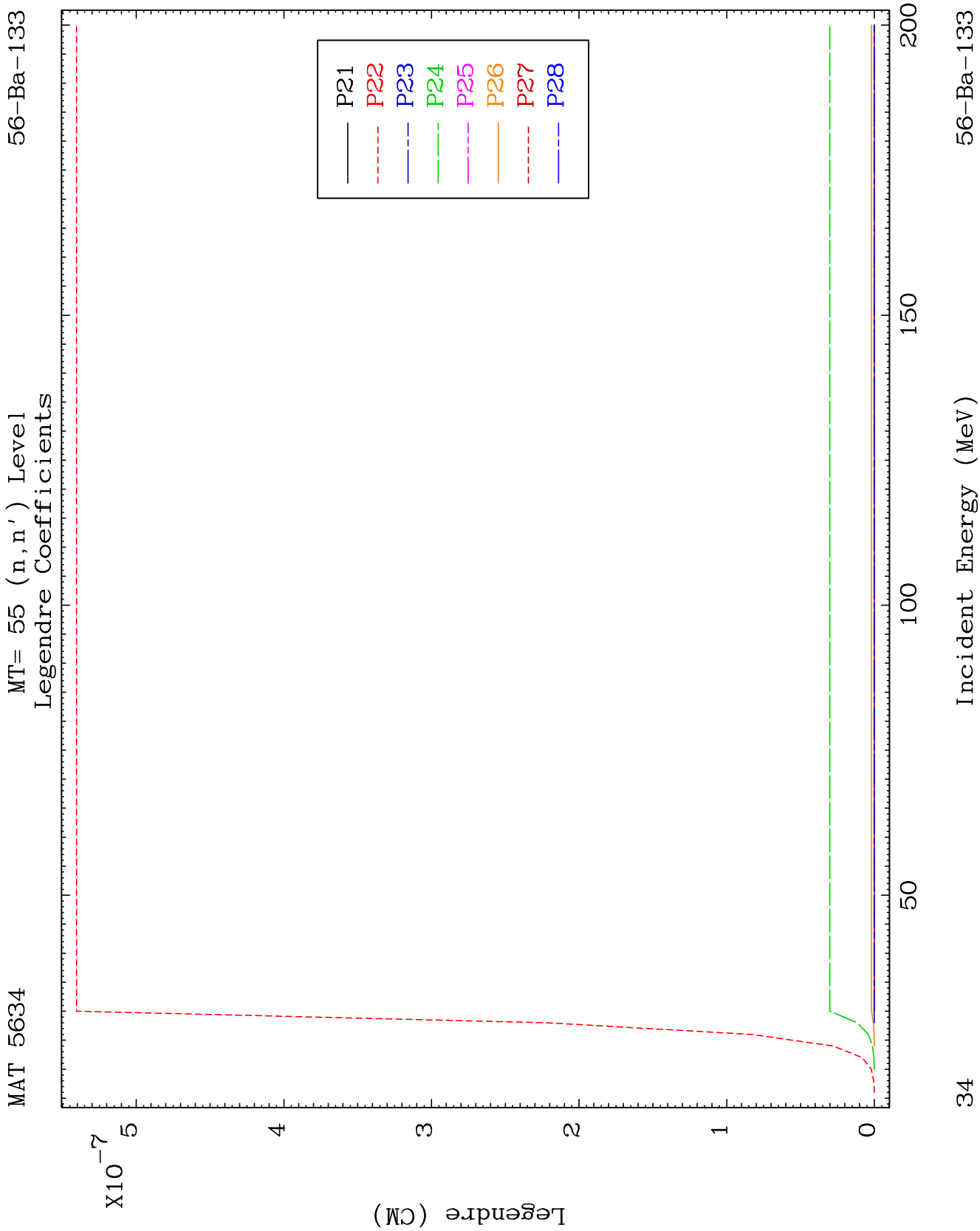
MAT 5634

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

56-Ba-133



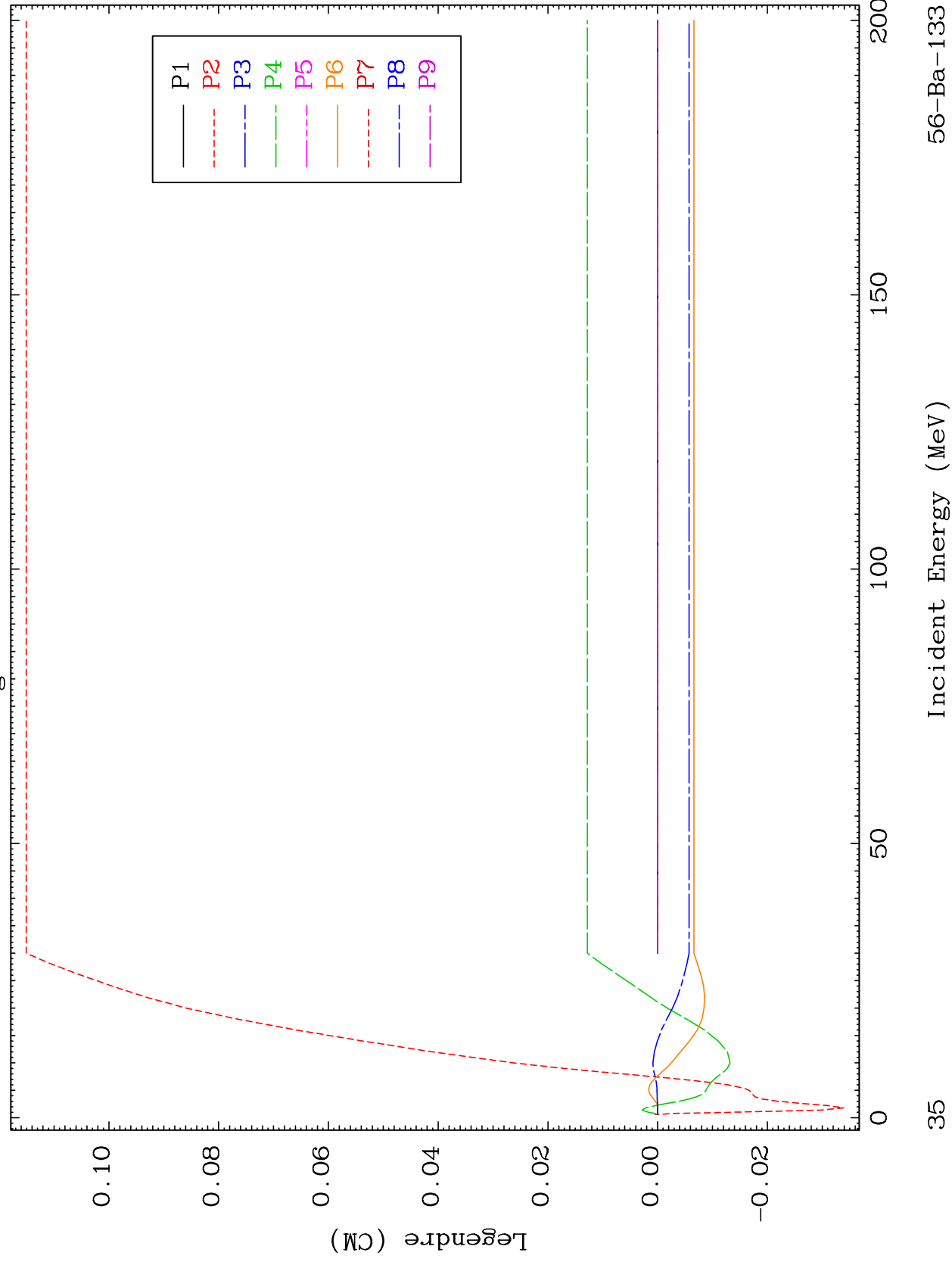


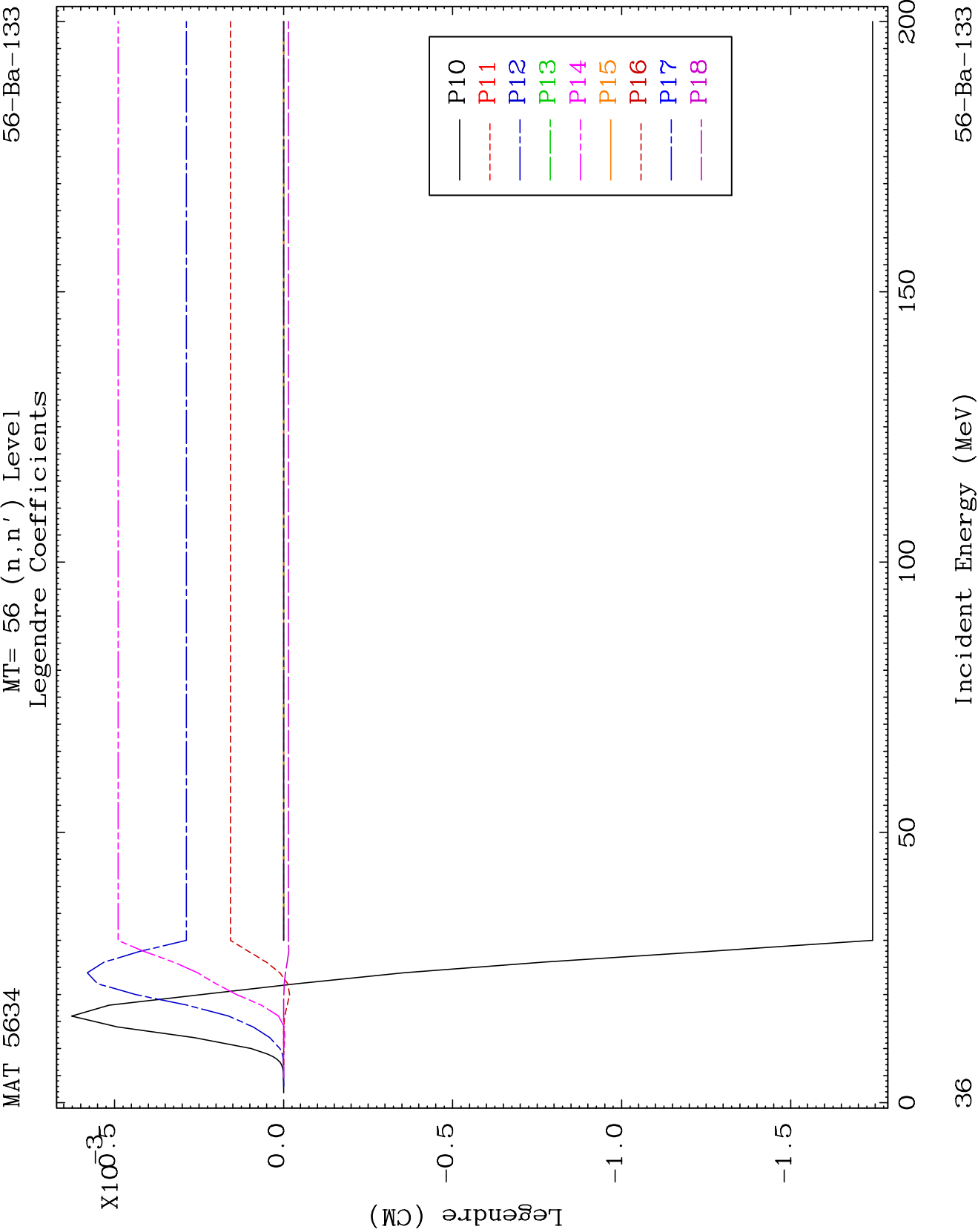


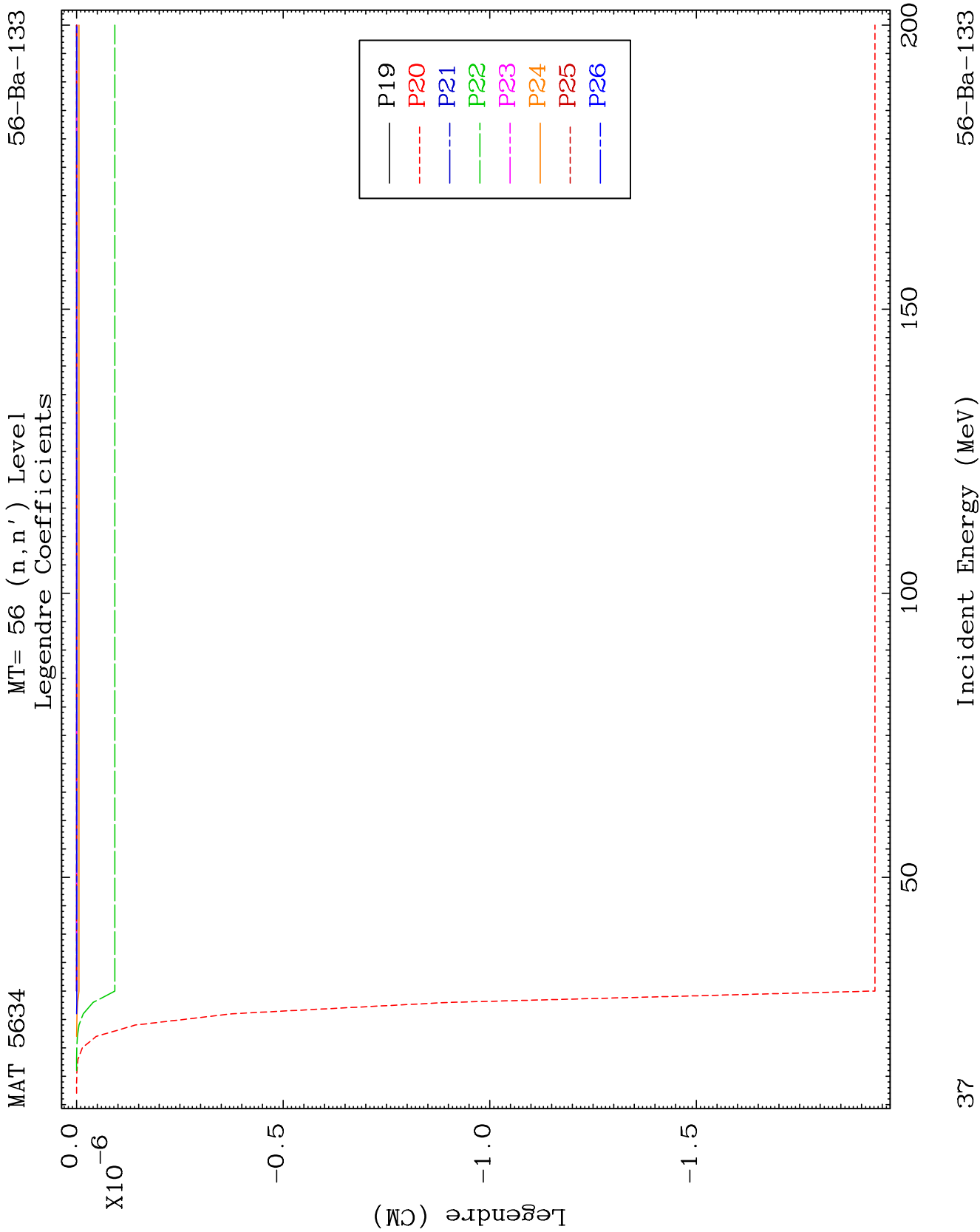
MAT 5634

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

56-Ba-133



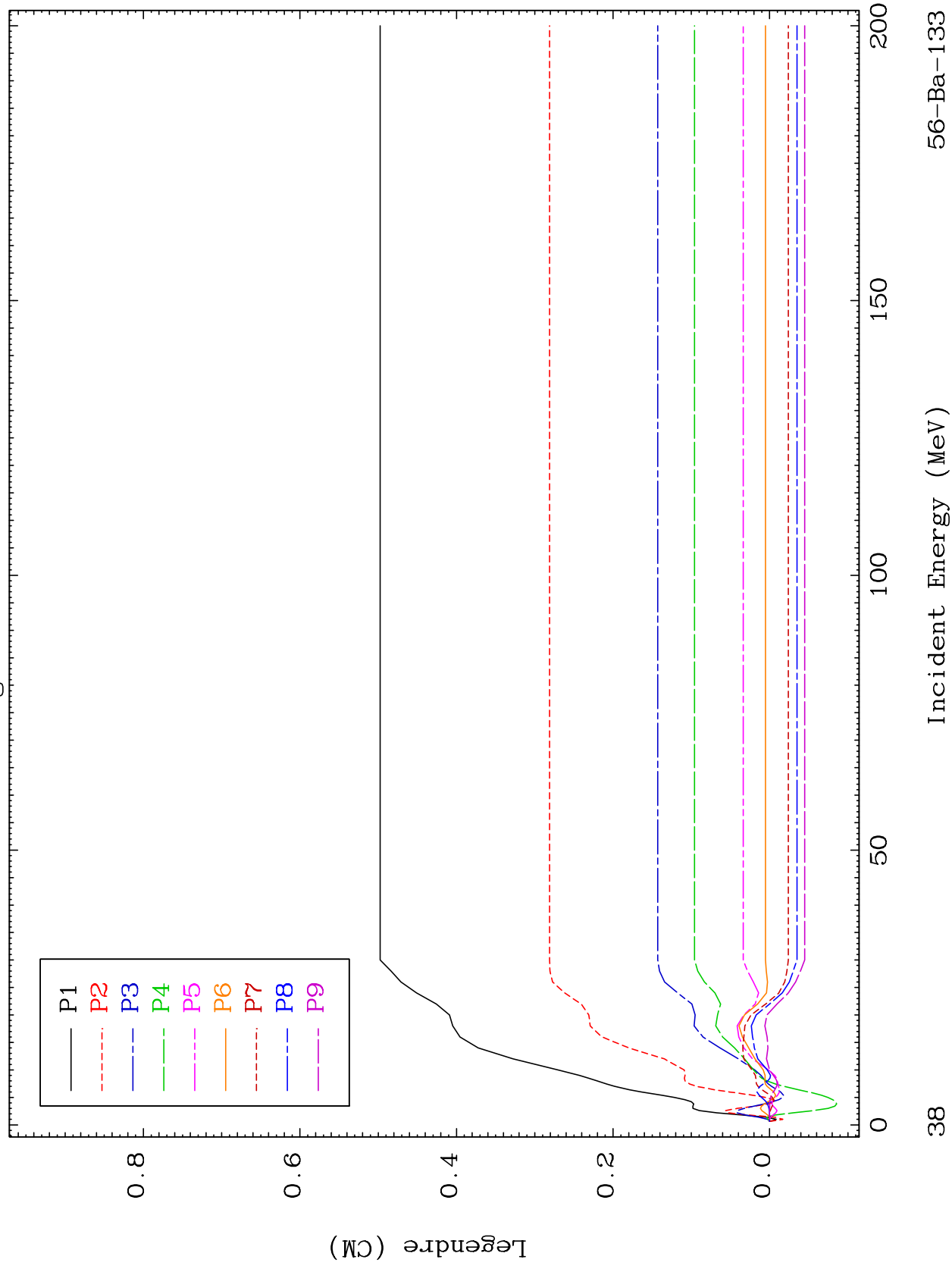




MAT 5634

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

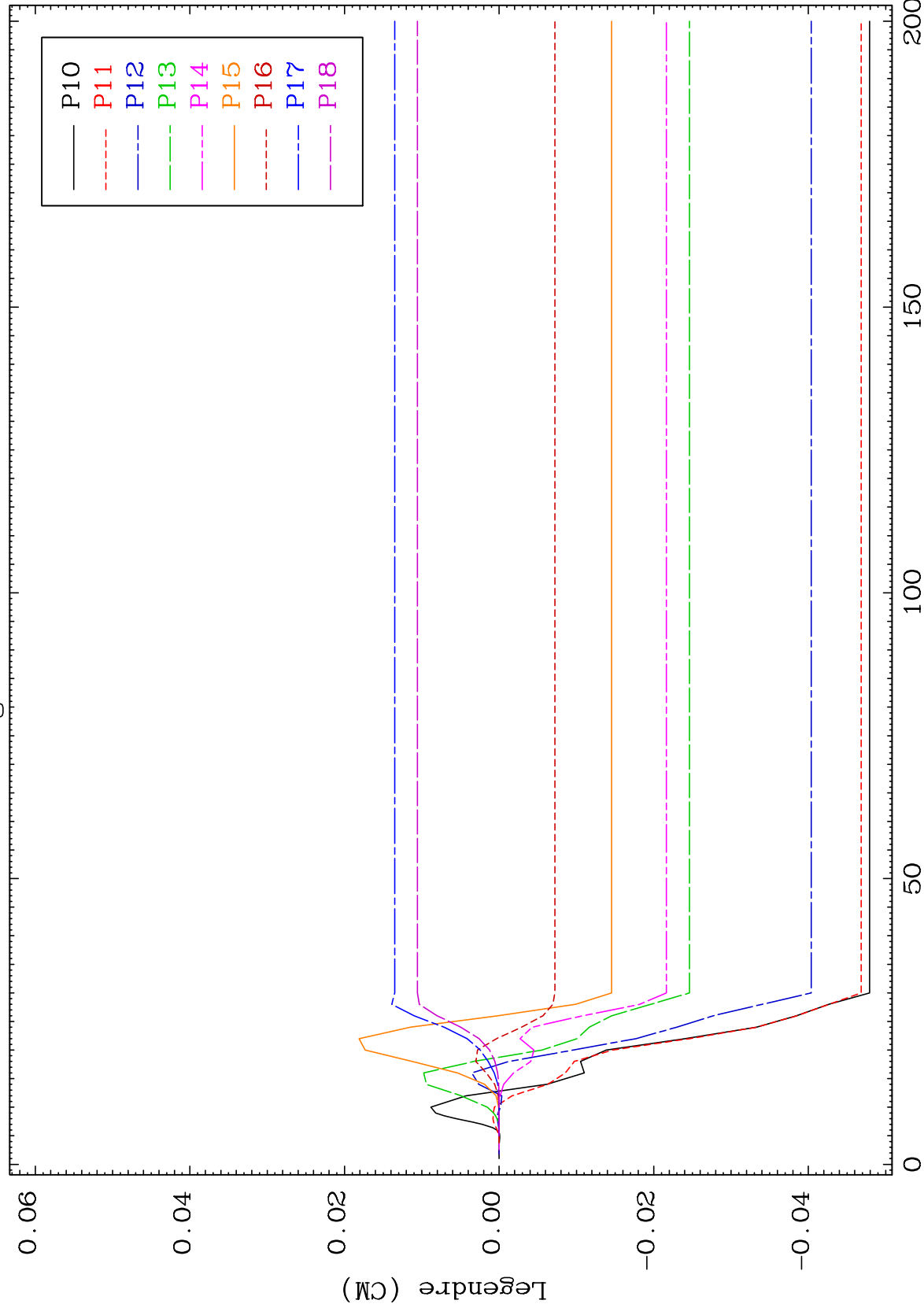
56-Ba-133



MAT 5634

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

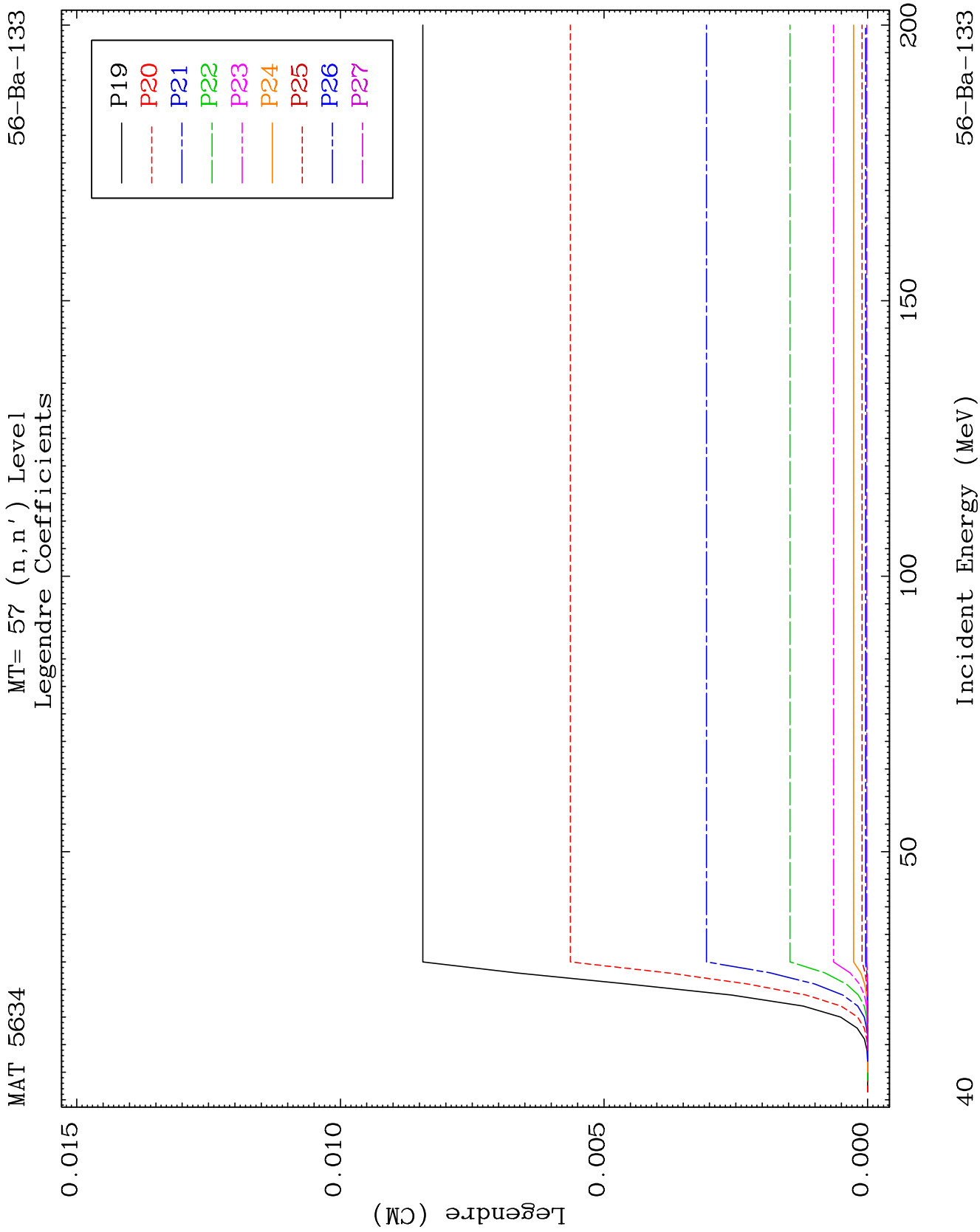
56-Ba-133

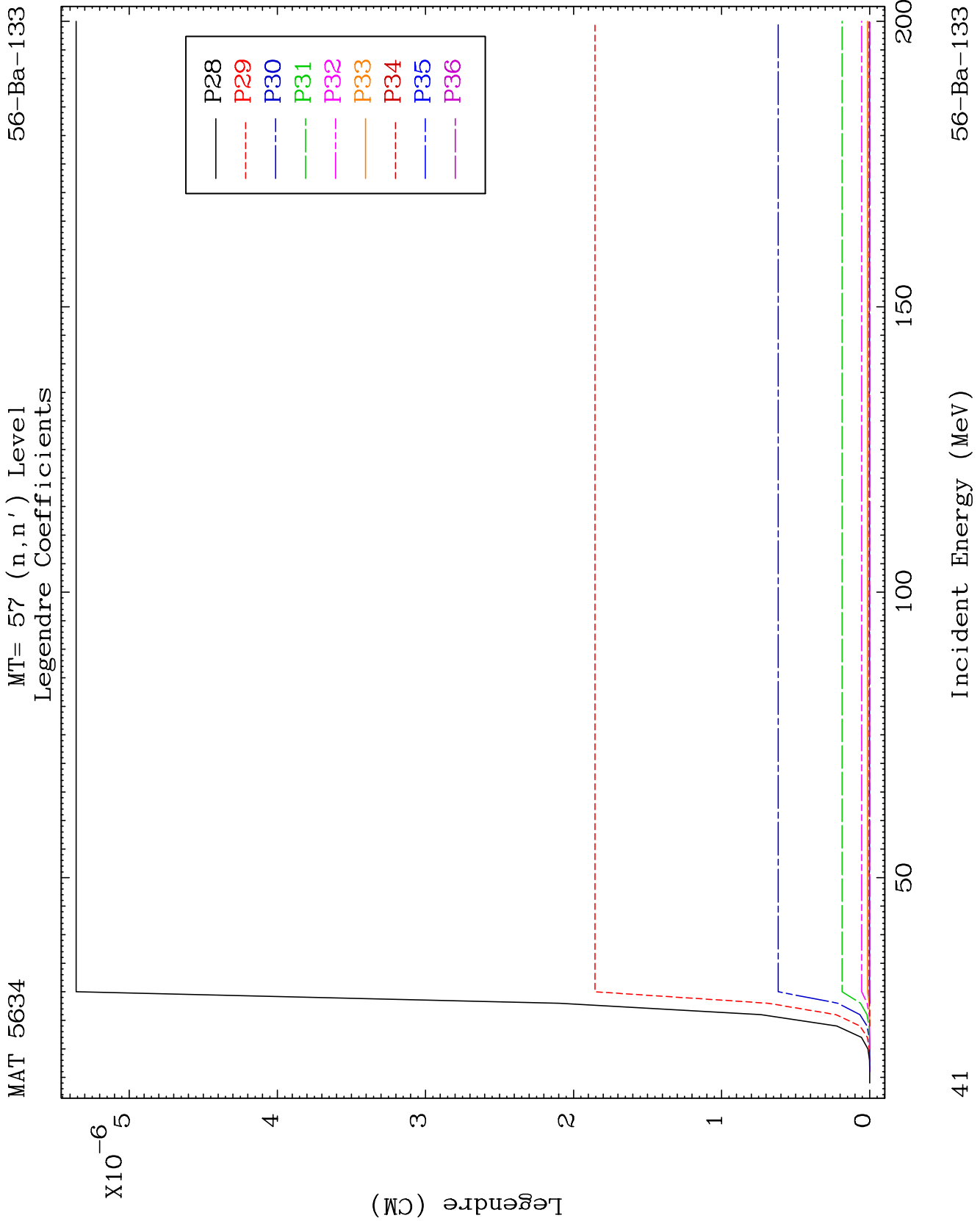


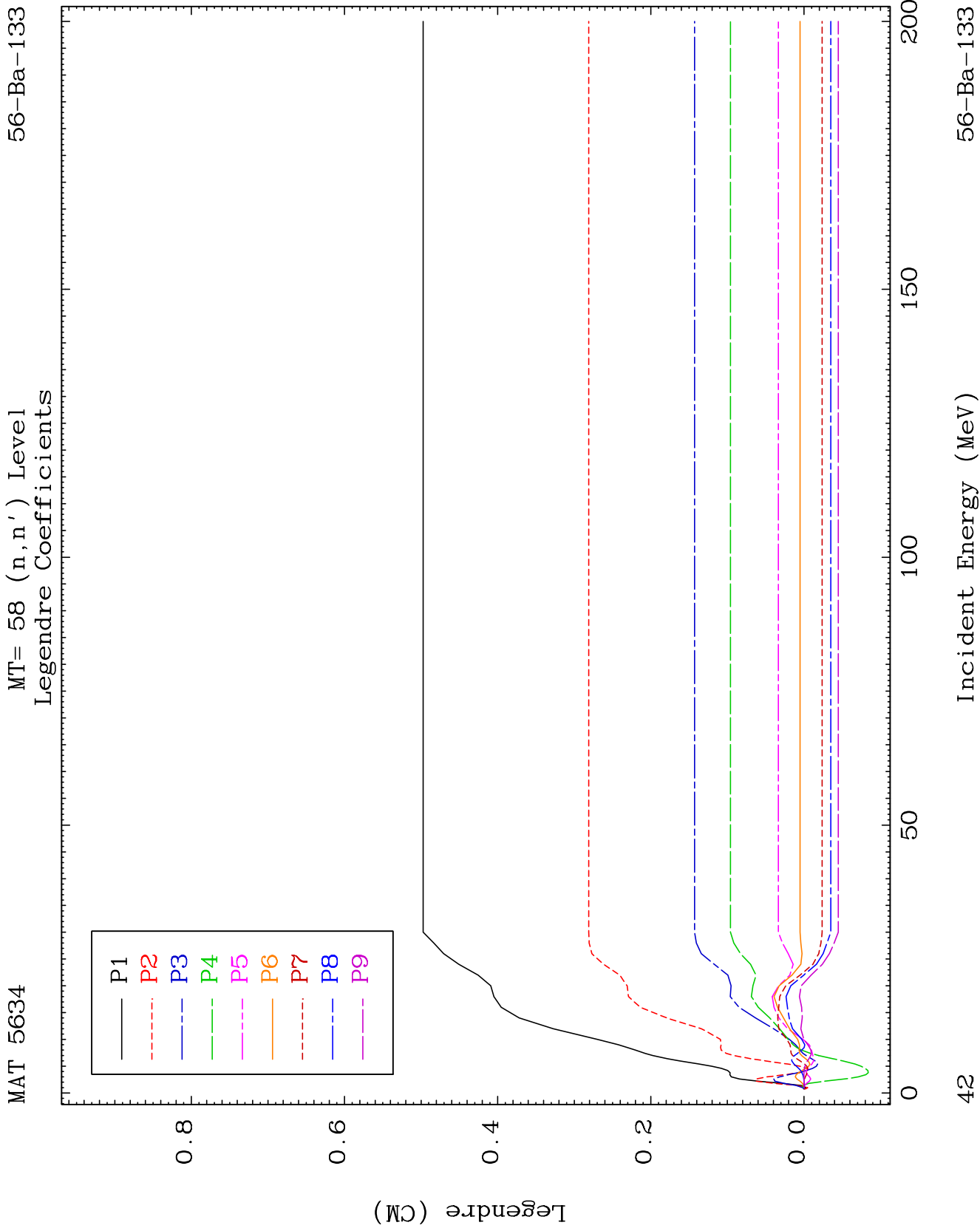
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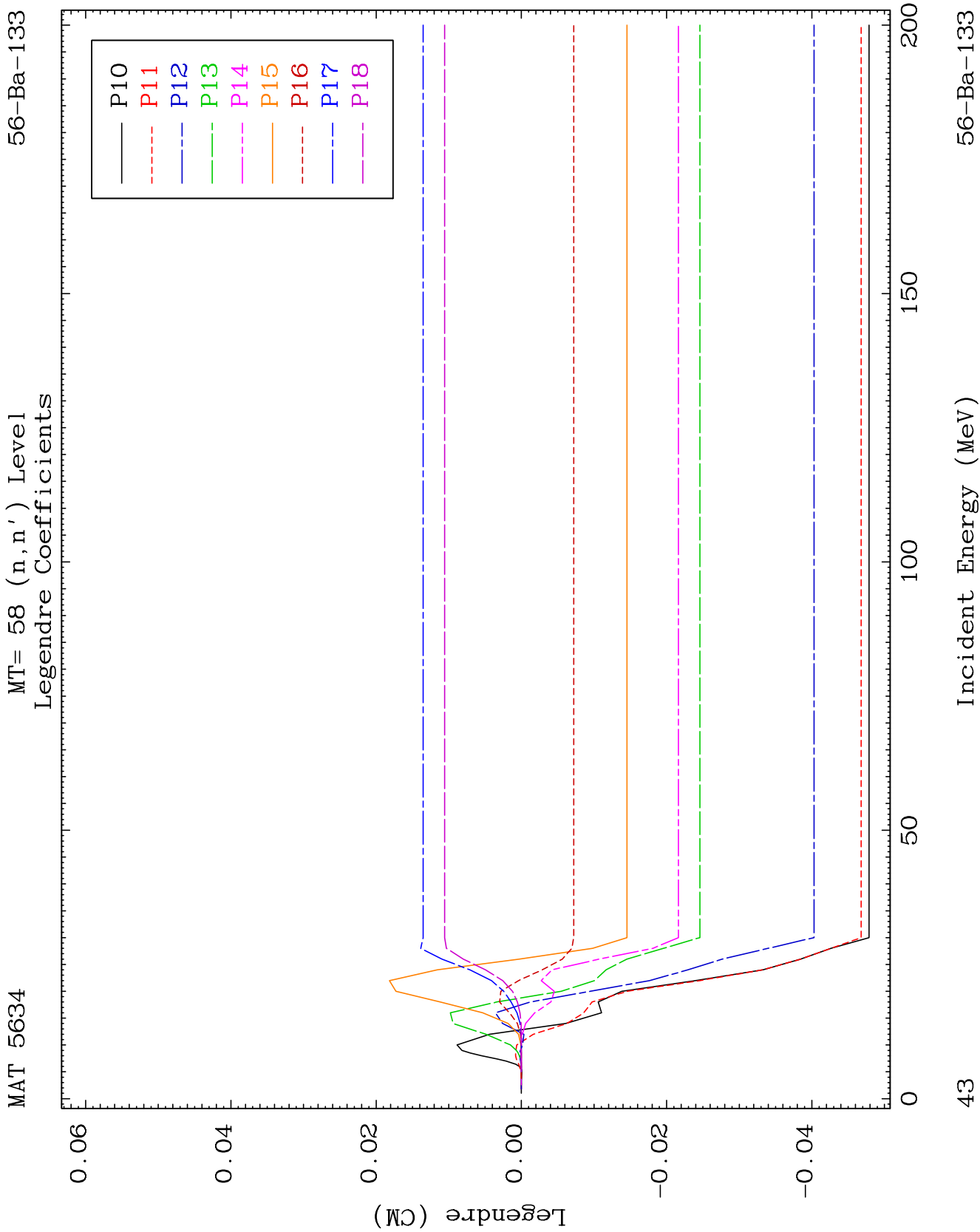
Incident Energy (MeV)

56-Ba-133





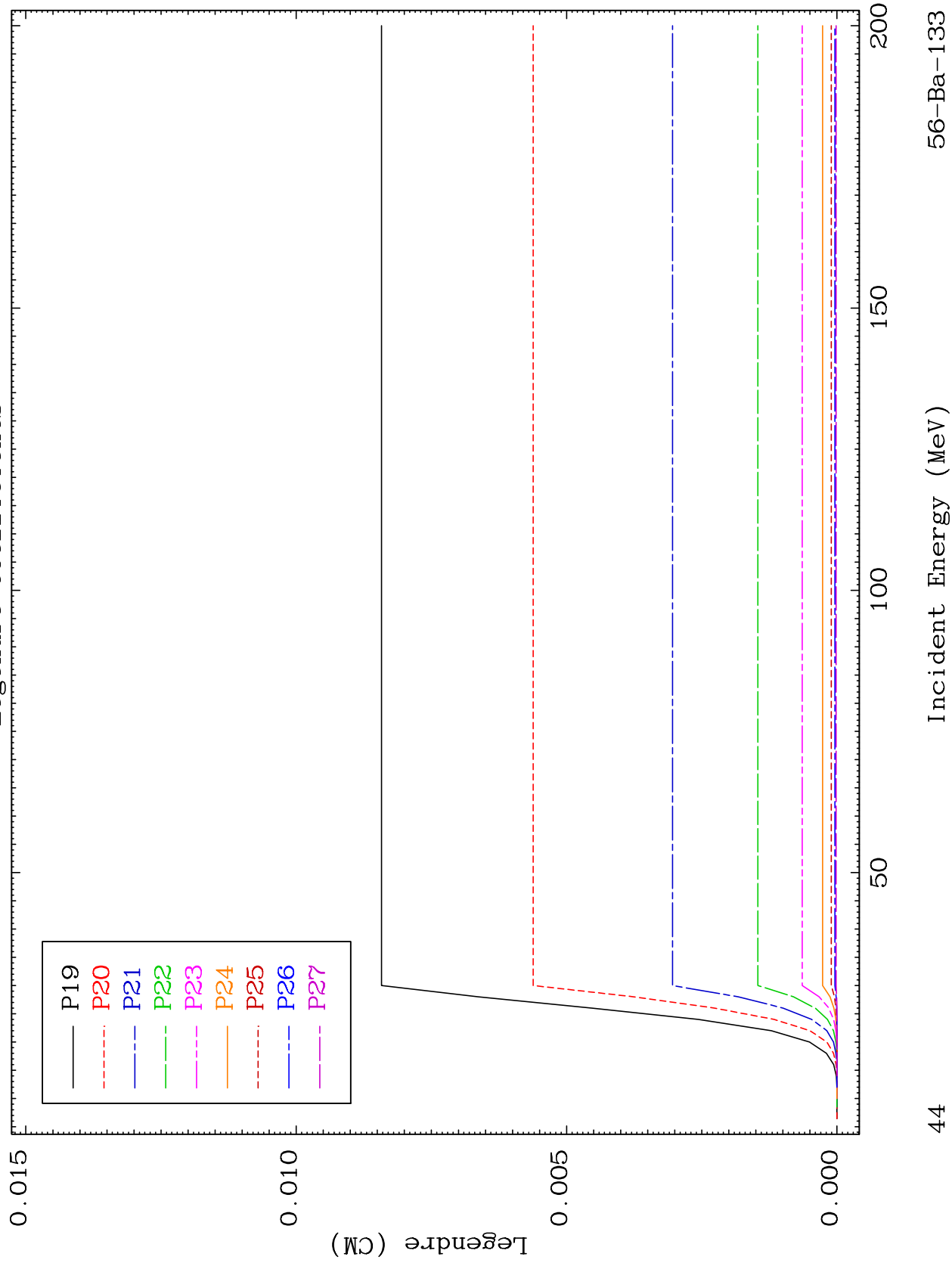


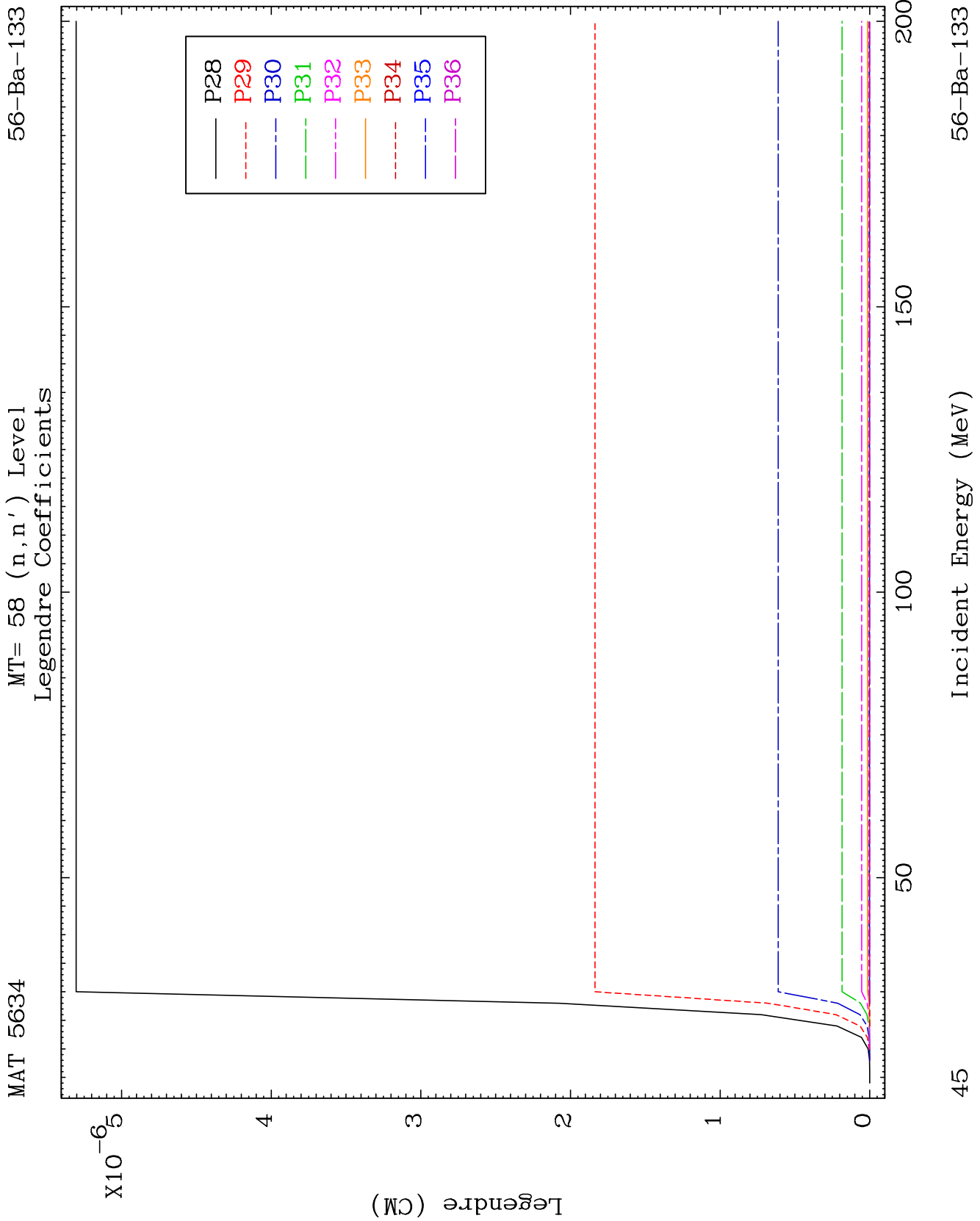


MAT 5634

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

56-Ba-133

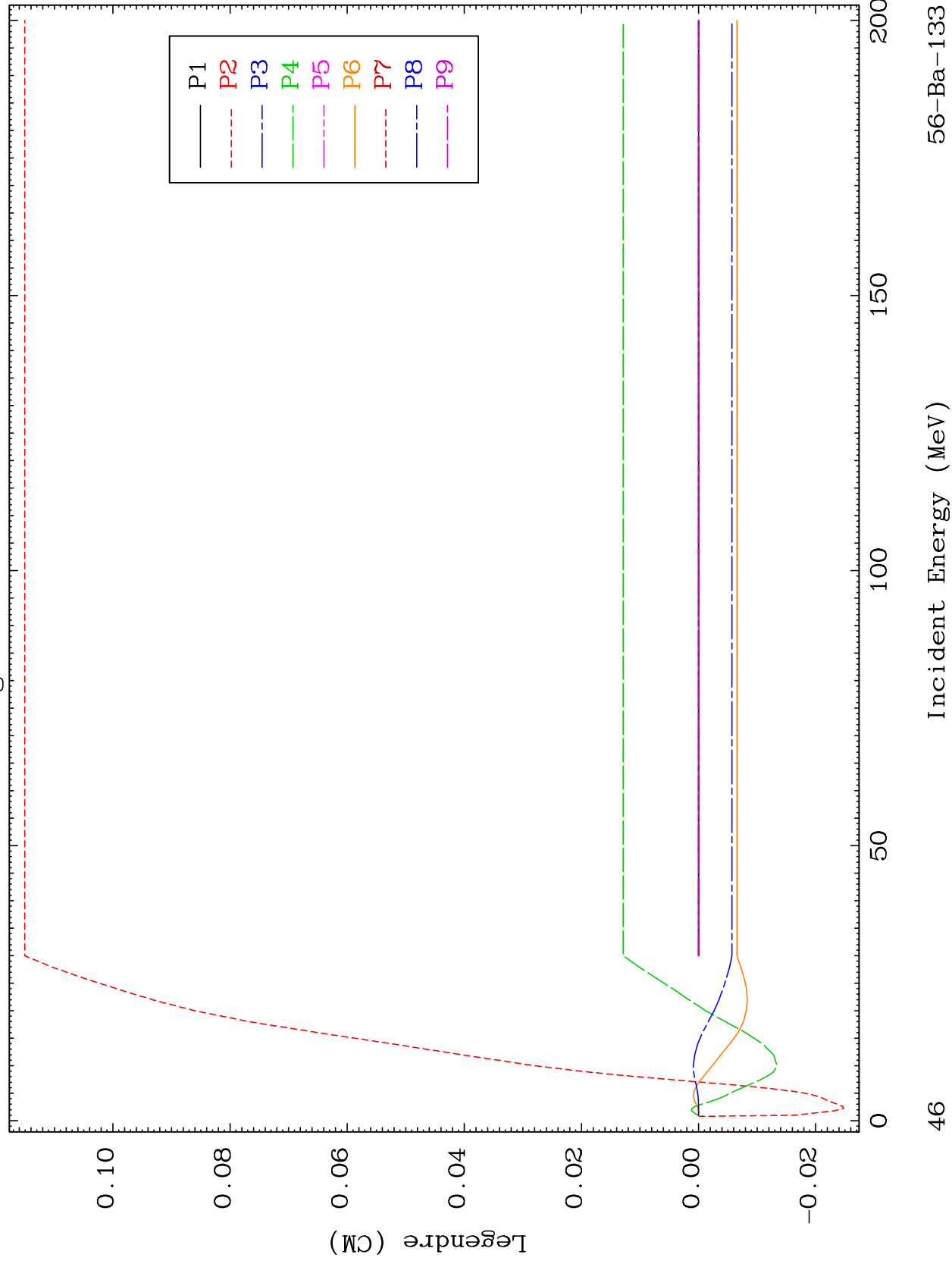


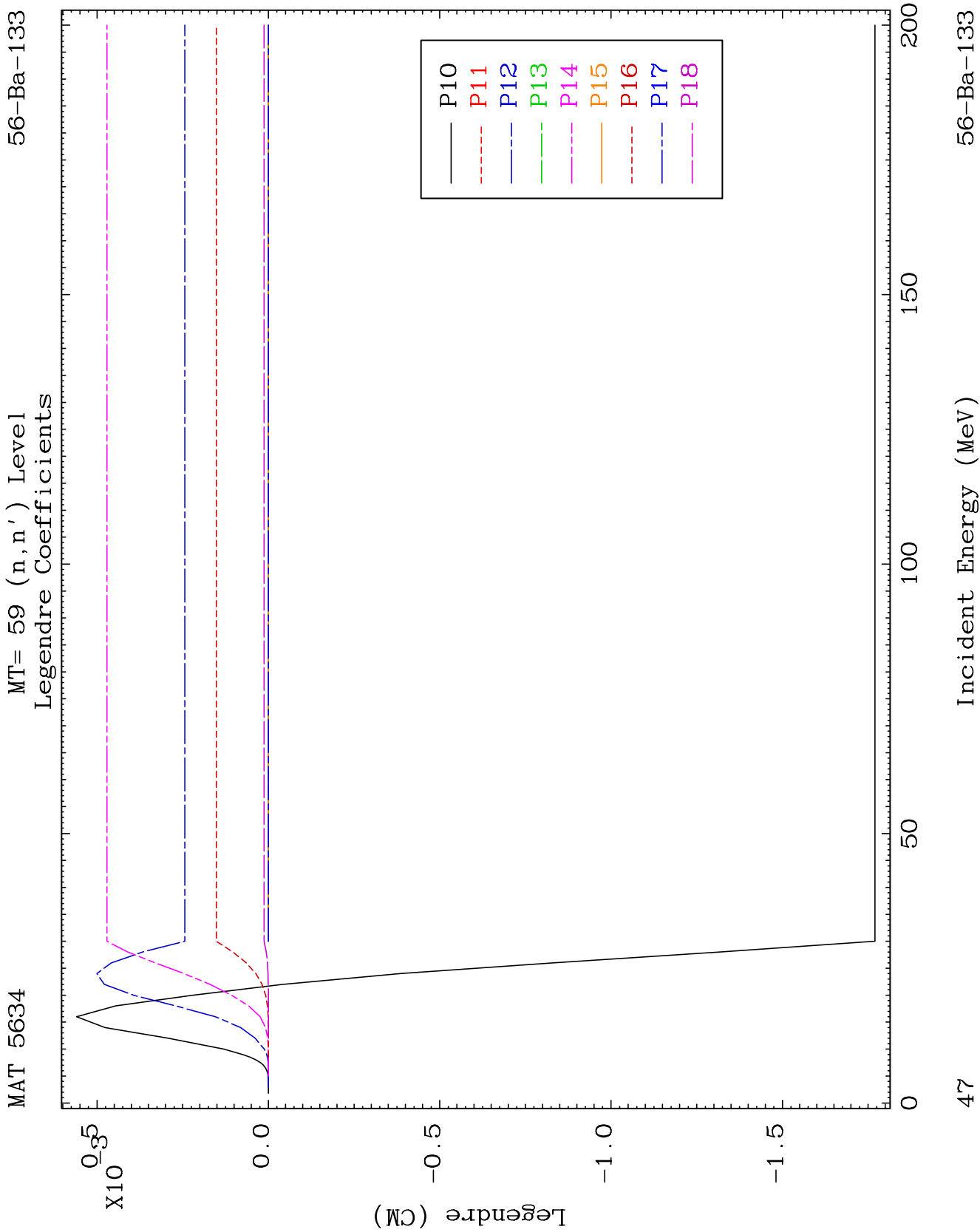


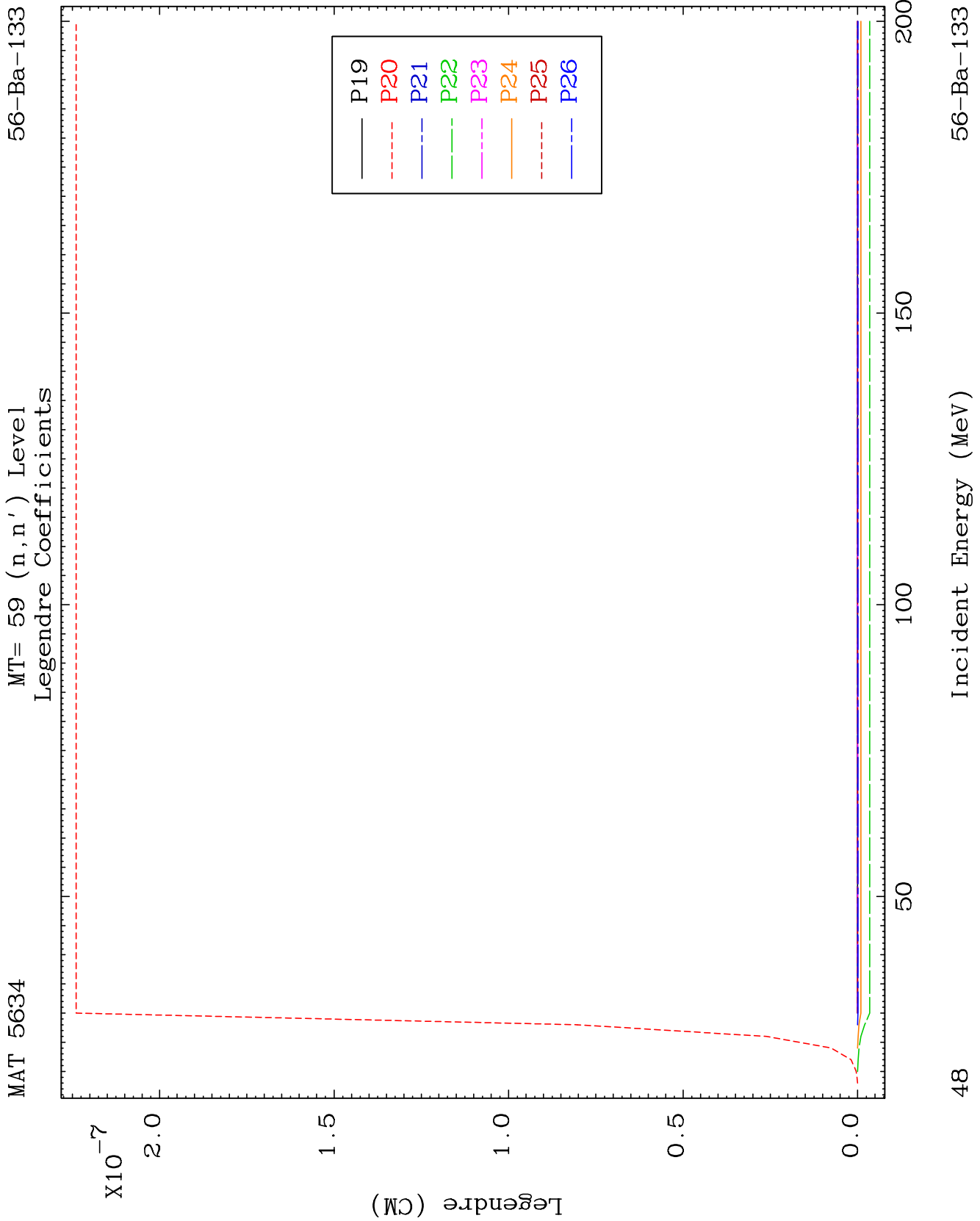
MAT 5634

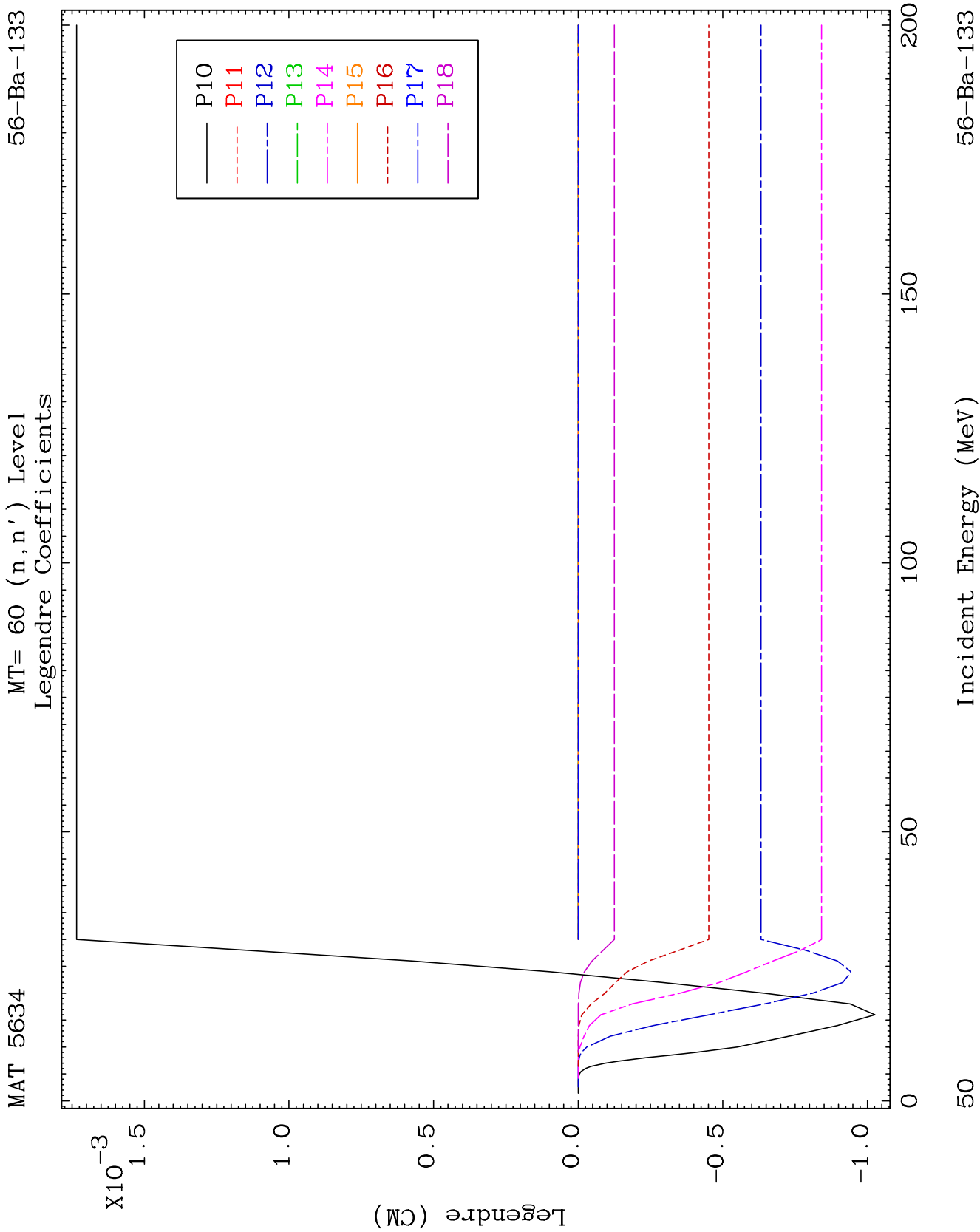
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Legendre Coefficients

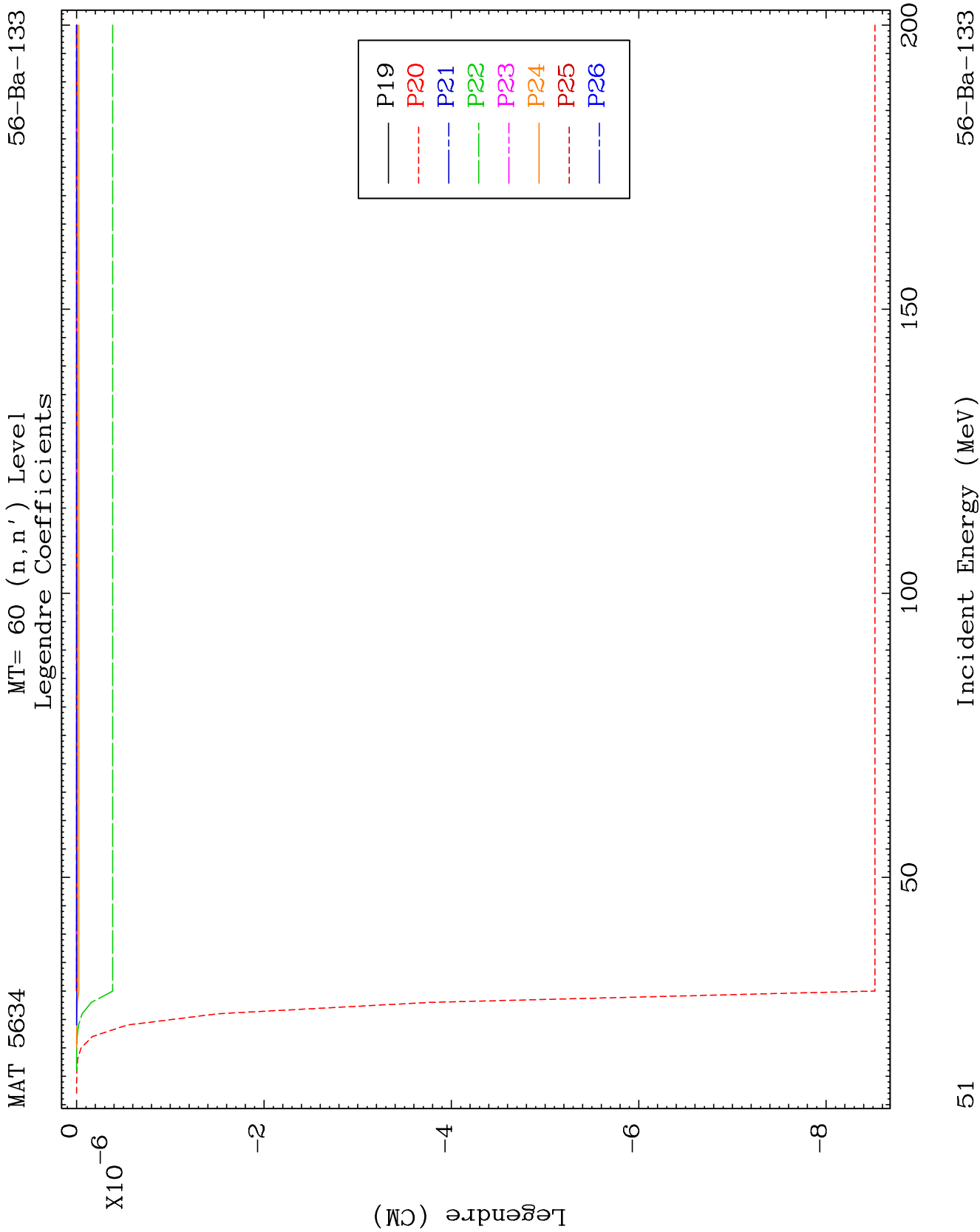
56-Ba-133







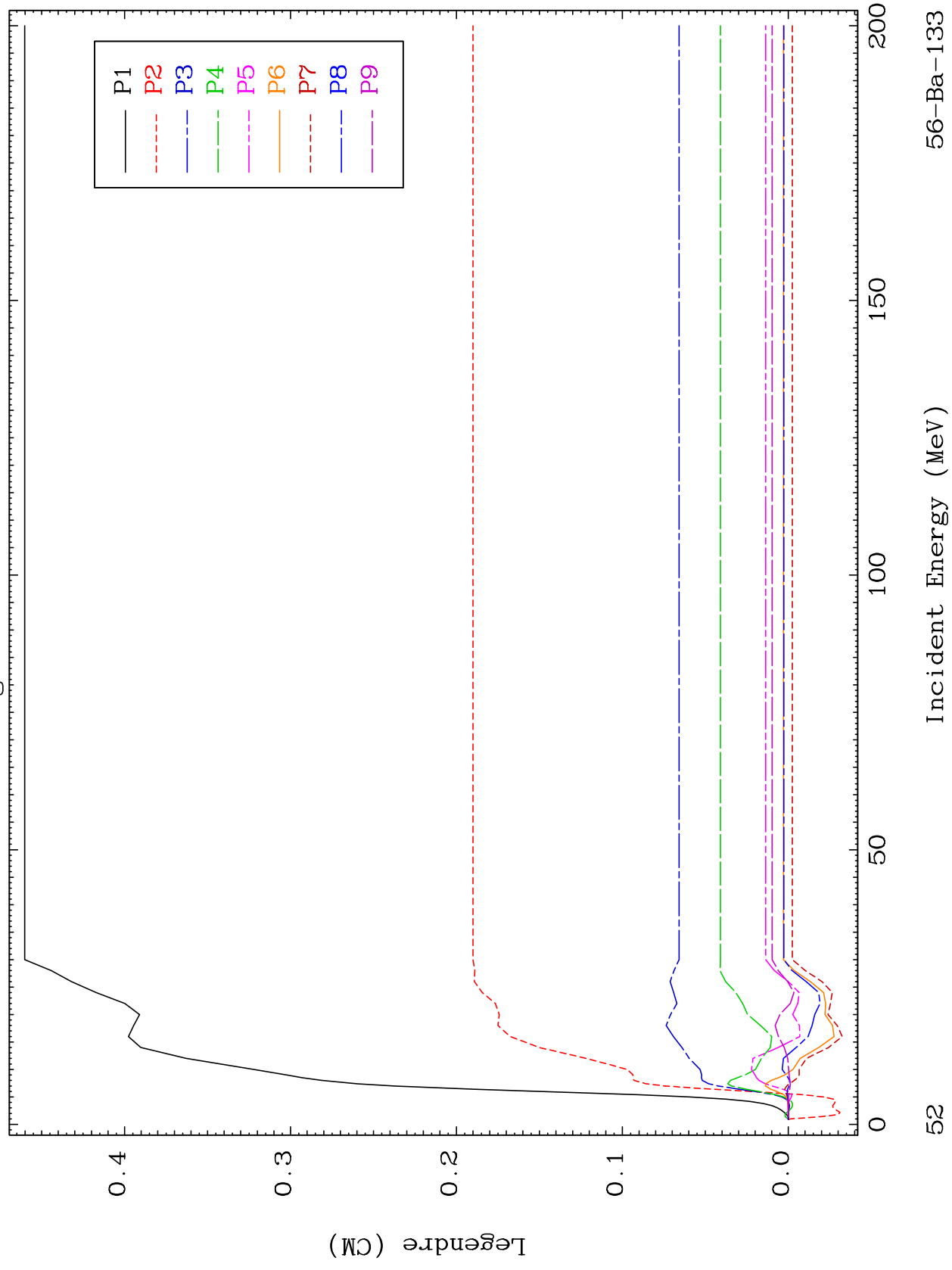


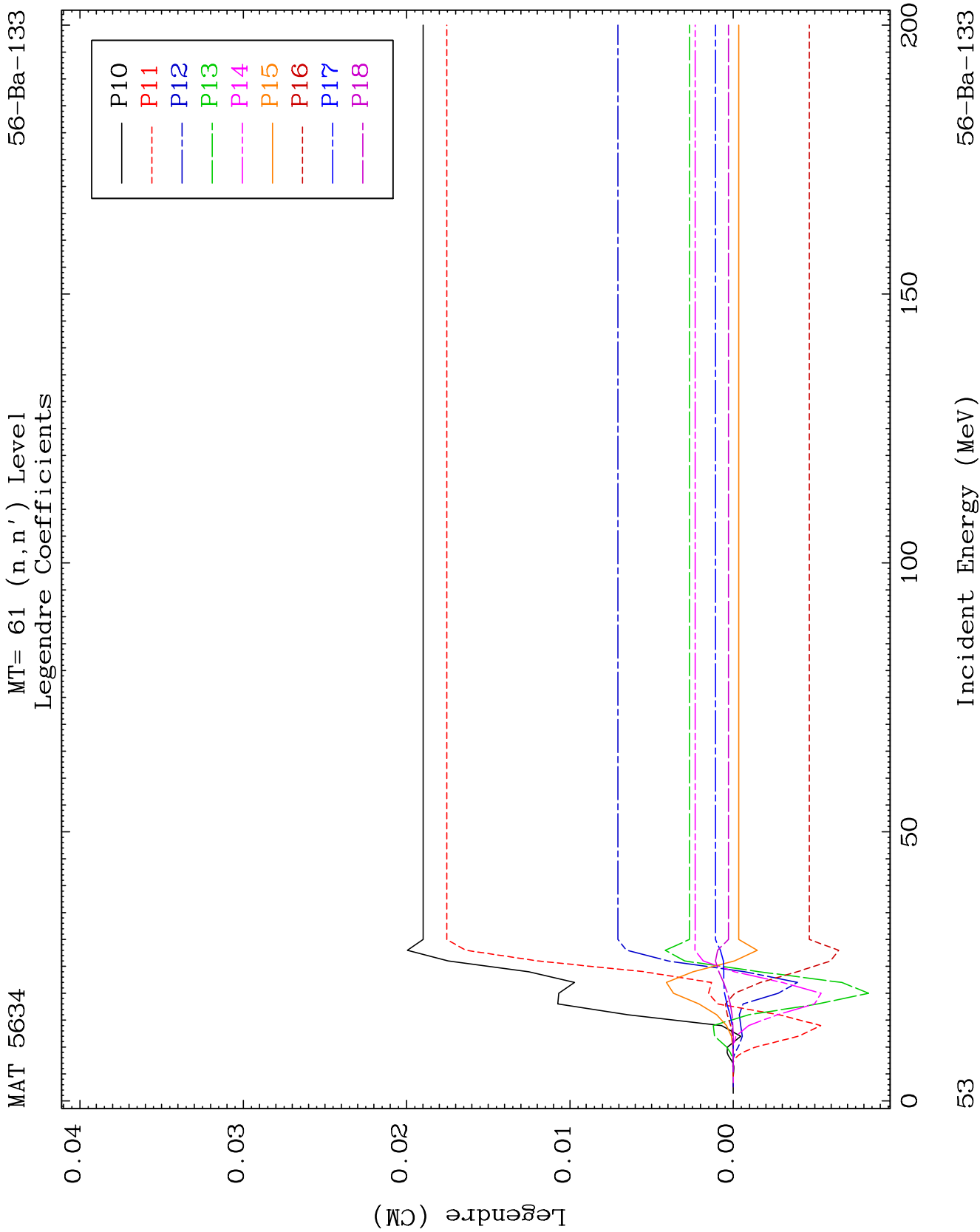


MAT 5634

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

56-Ba-133

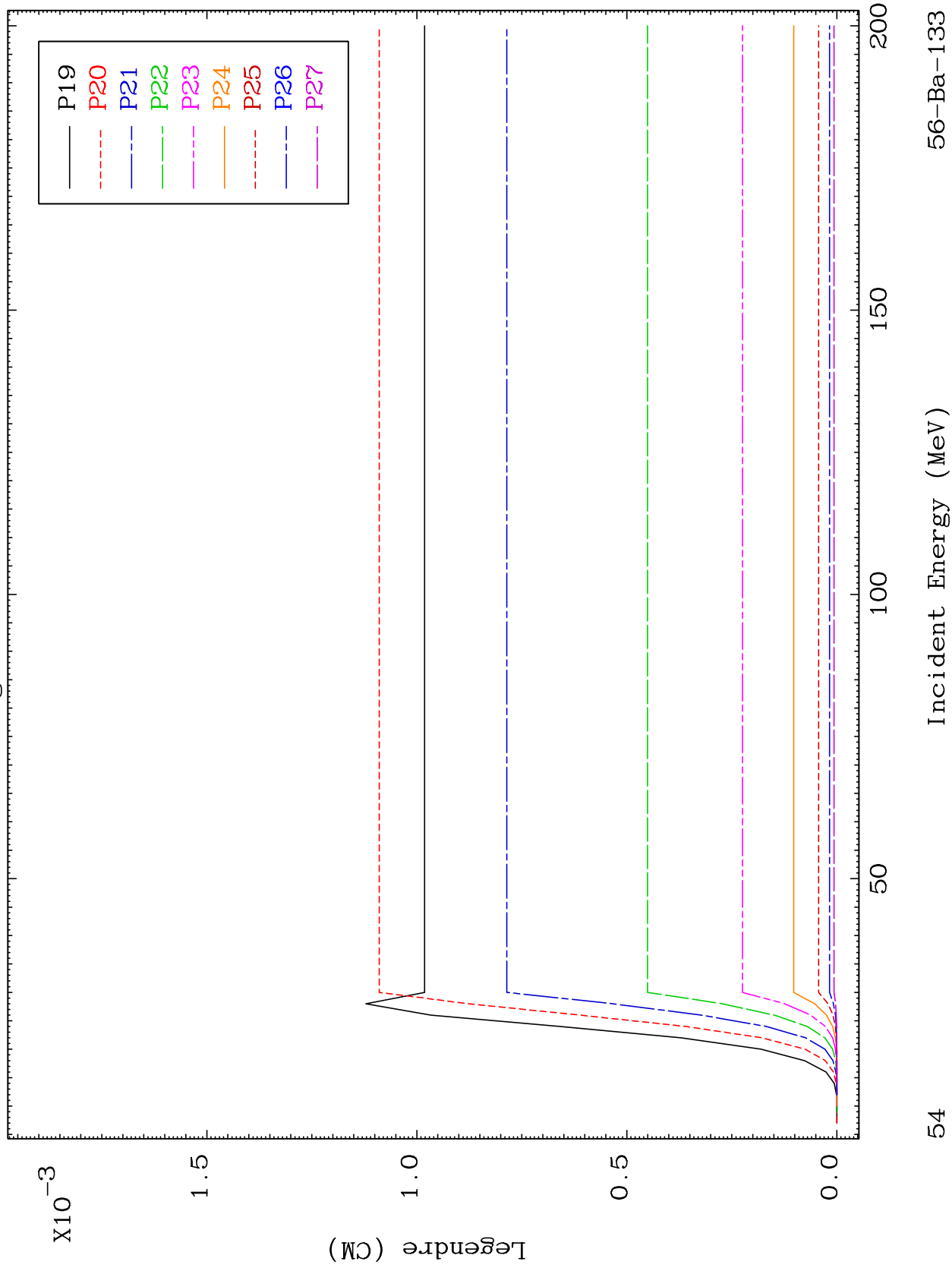




MAT 5634

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

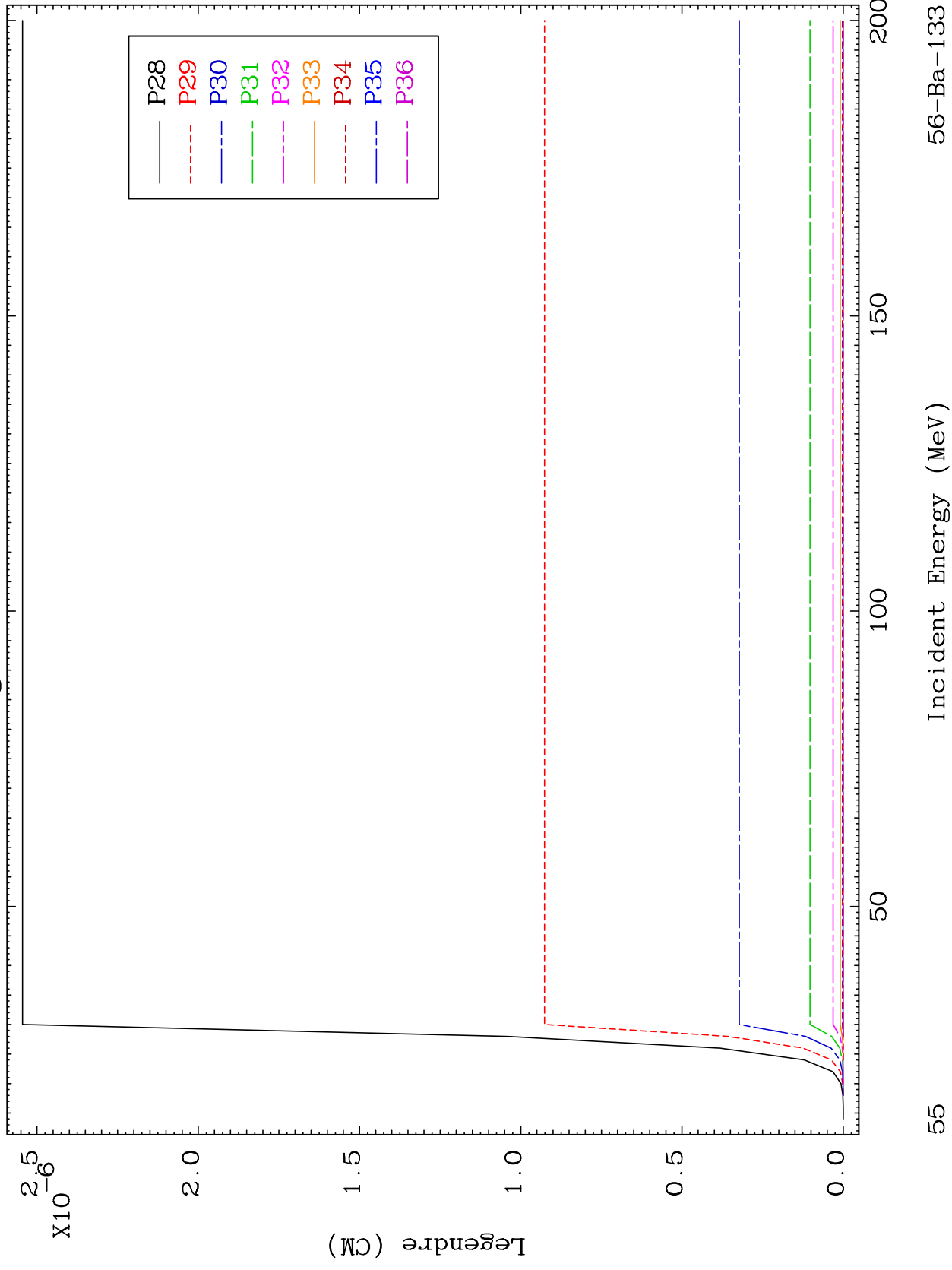
56-Ba-133



MAT 5634

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

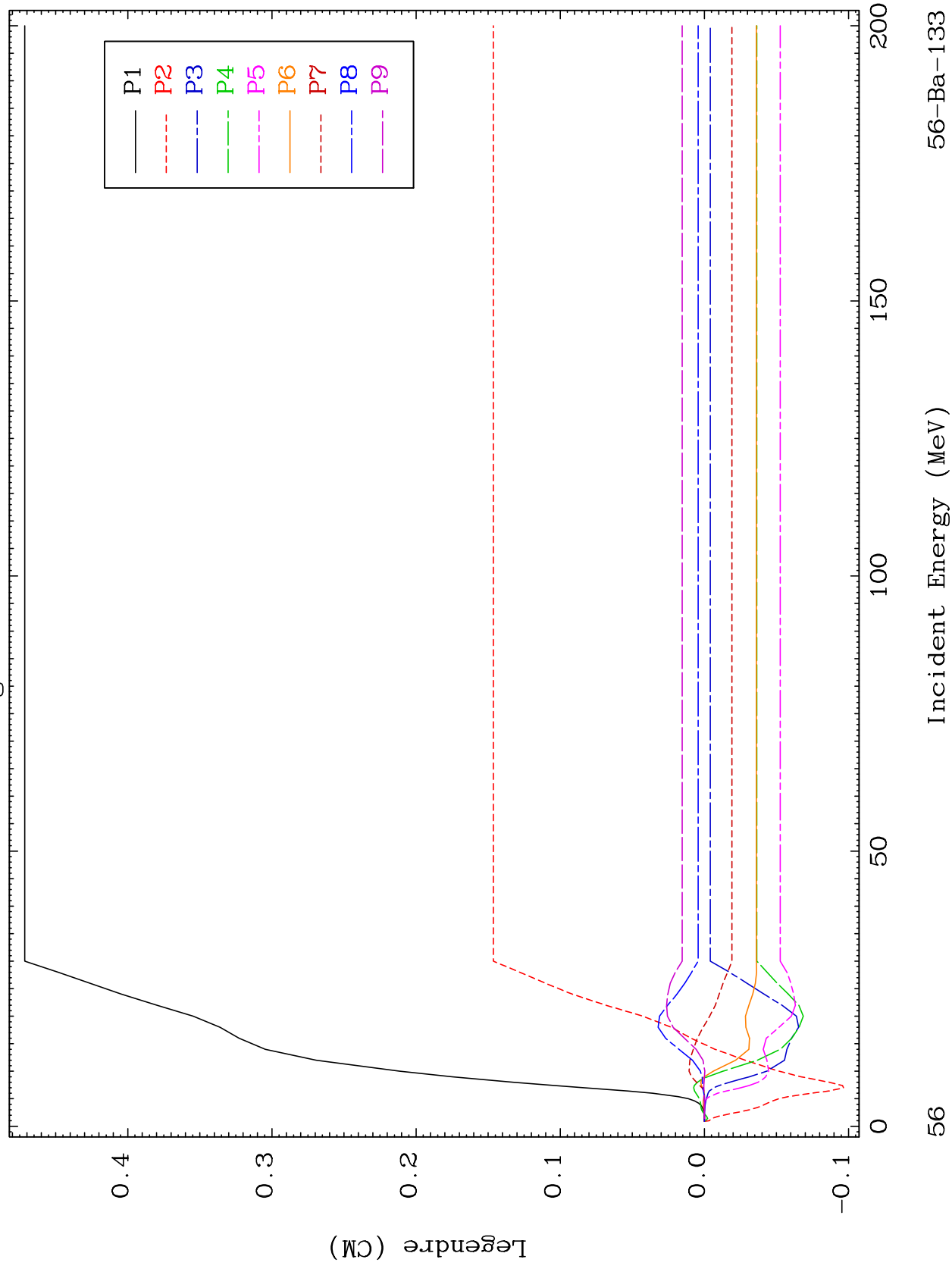
56-Ba-133



MAT 5634

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

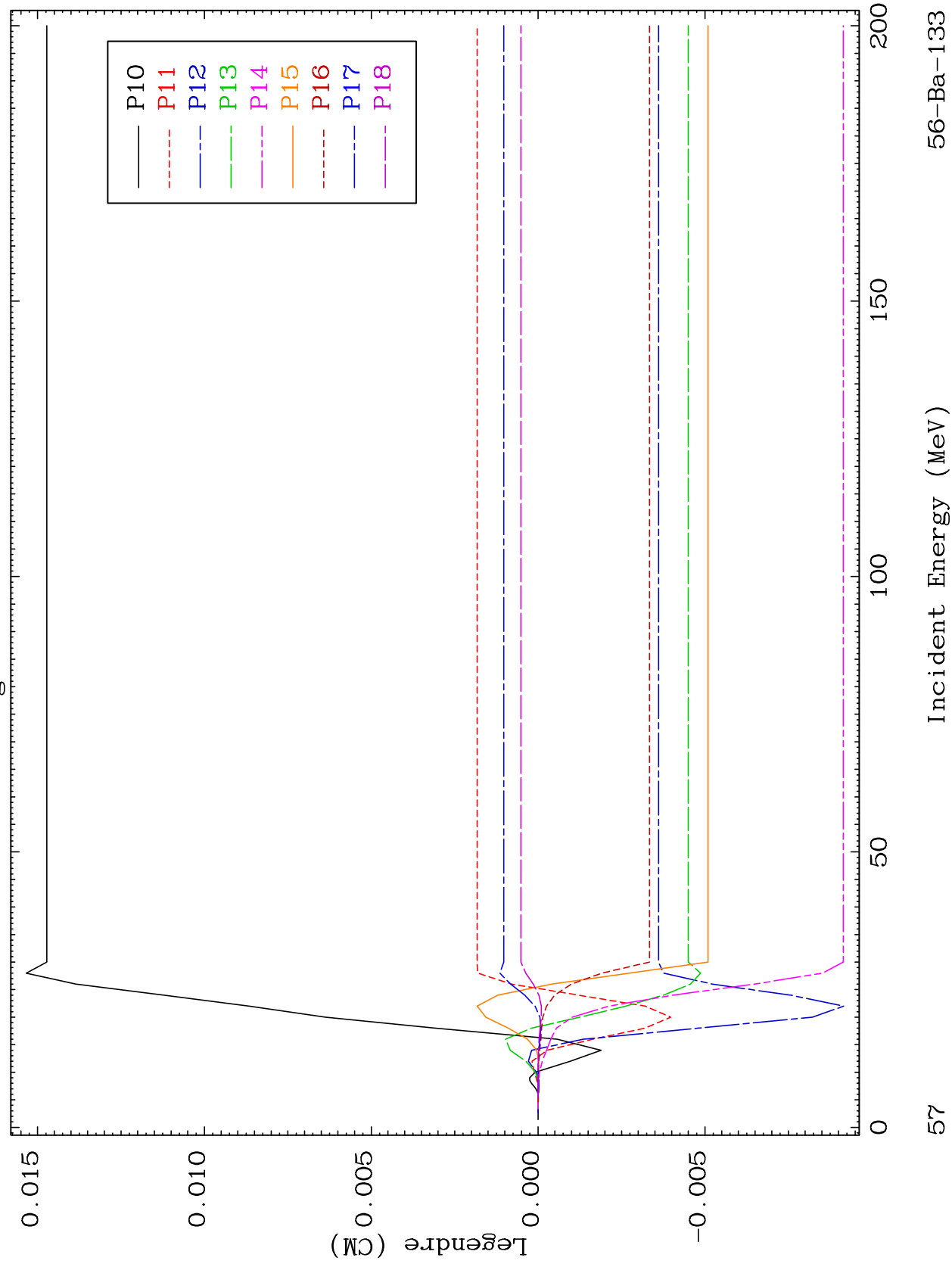
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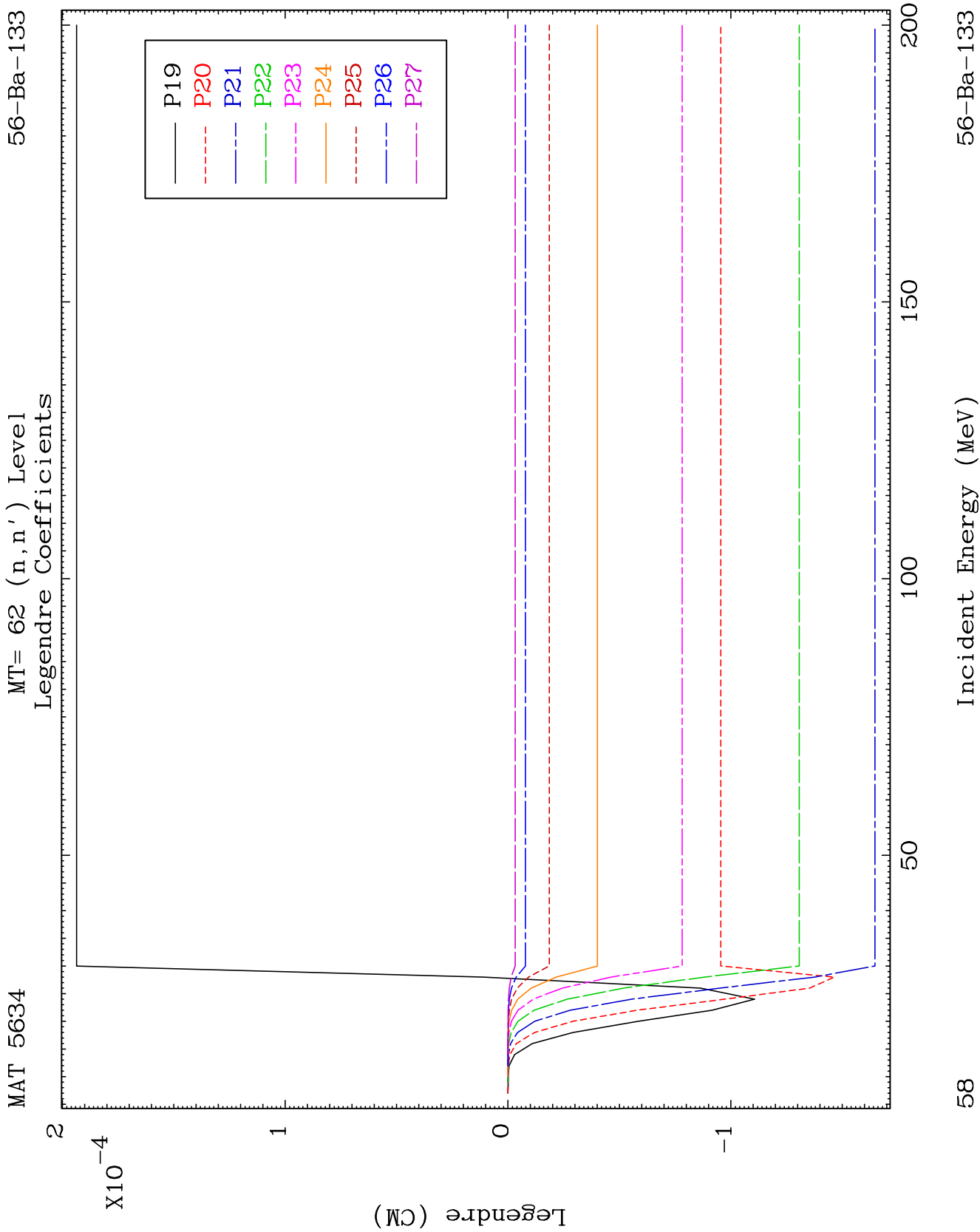


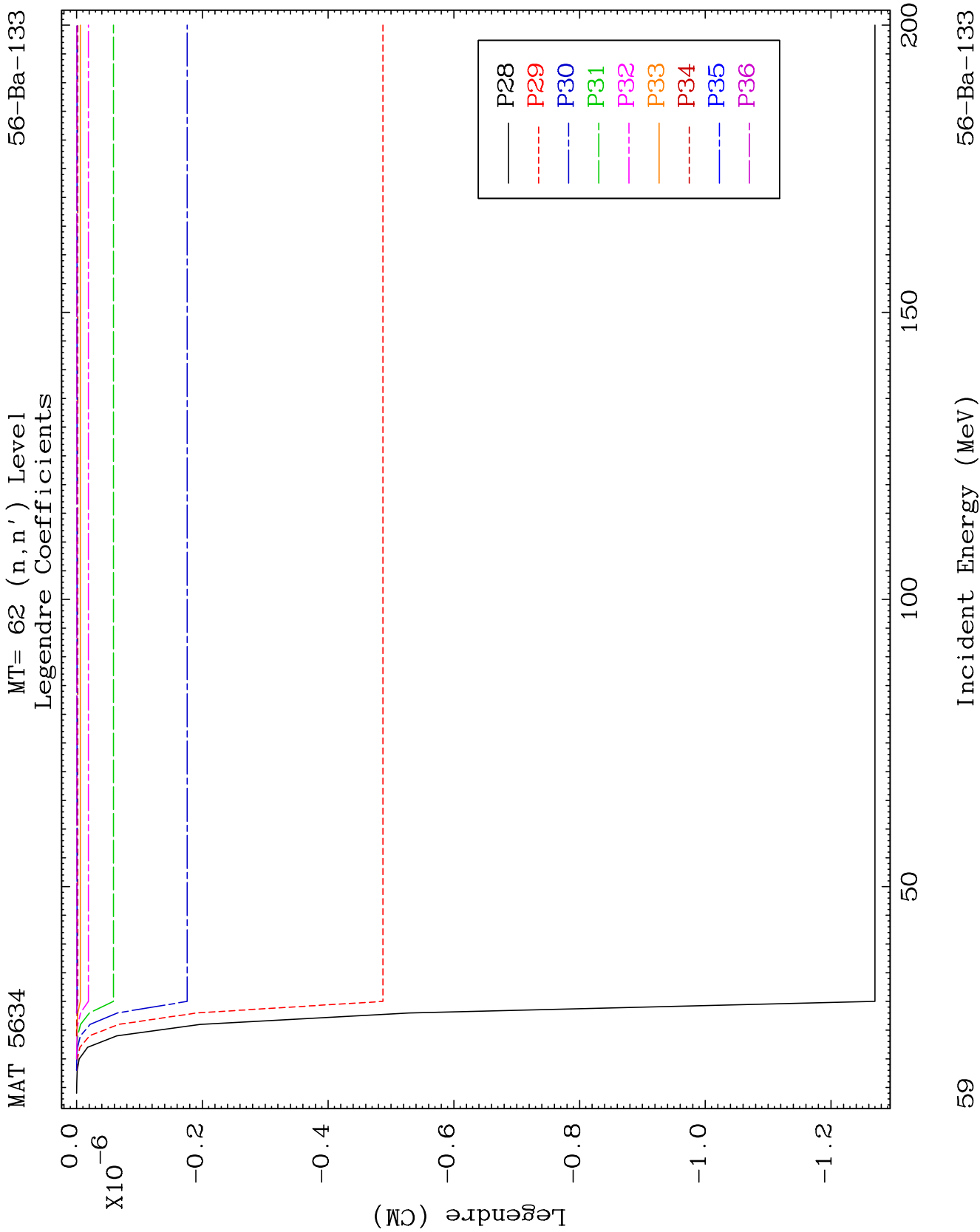
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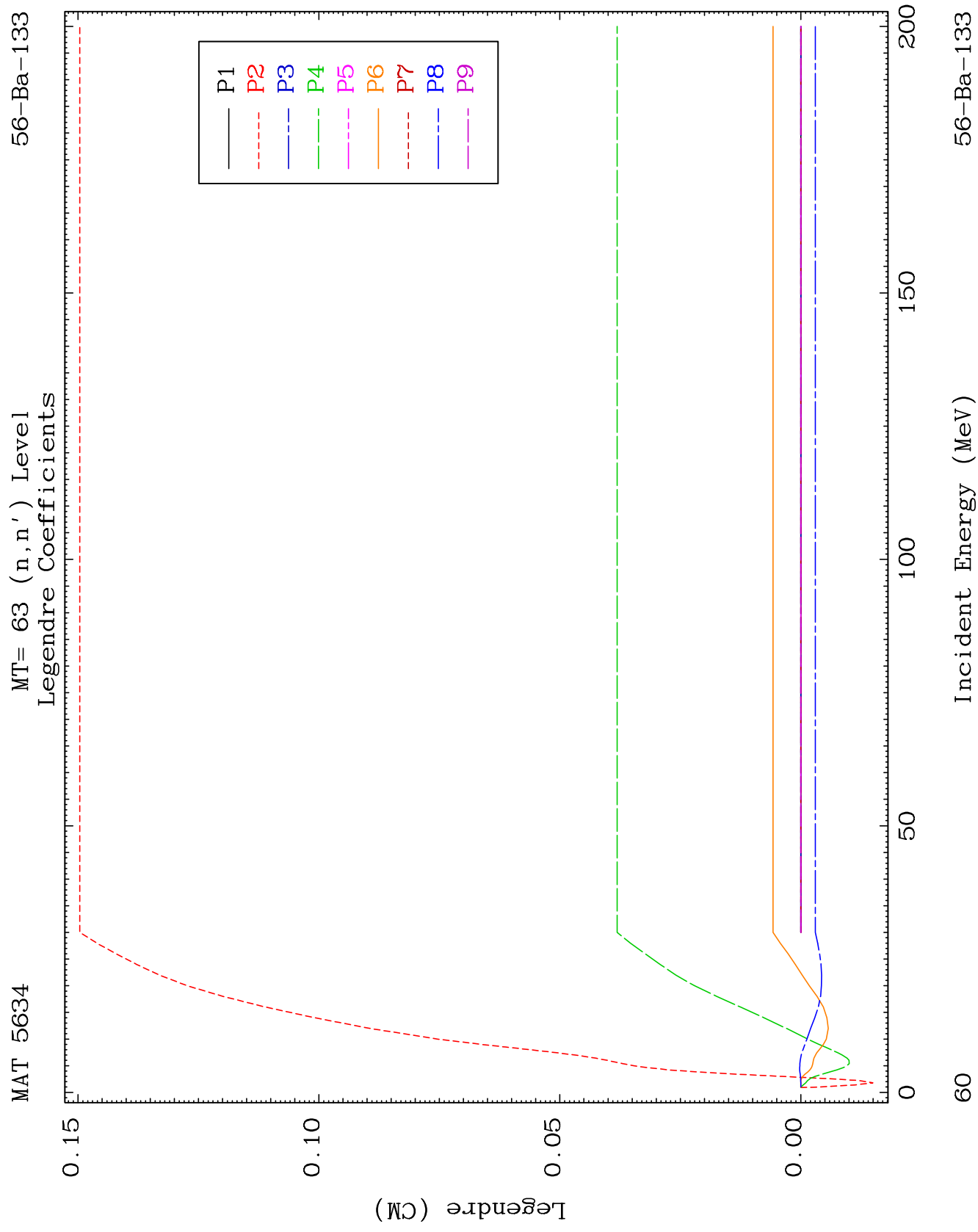
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Legendre Coefficients

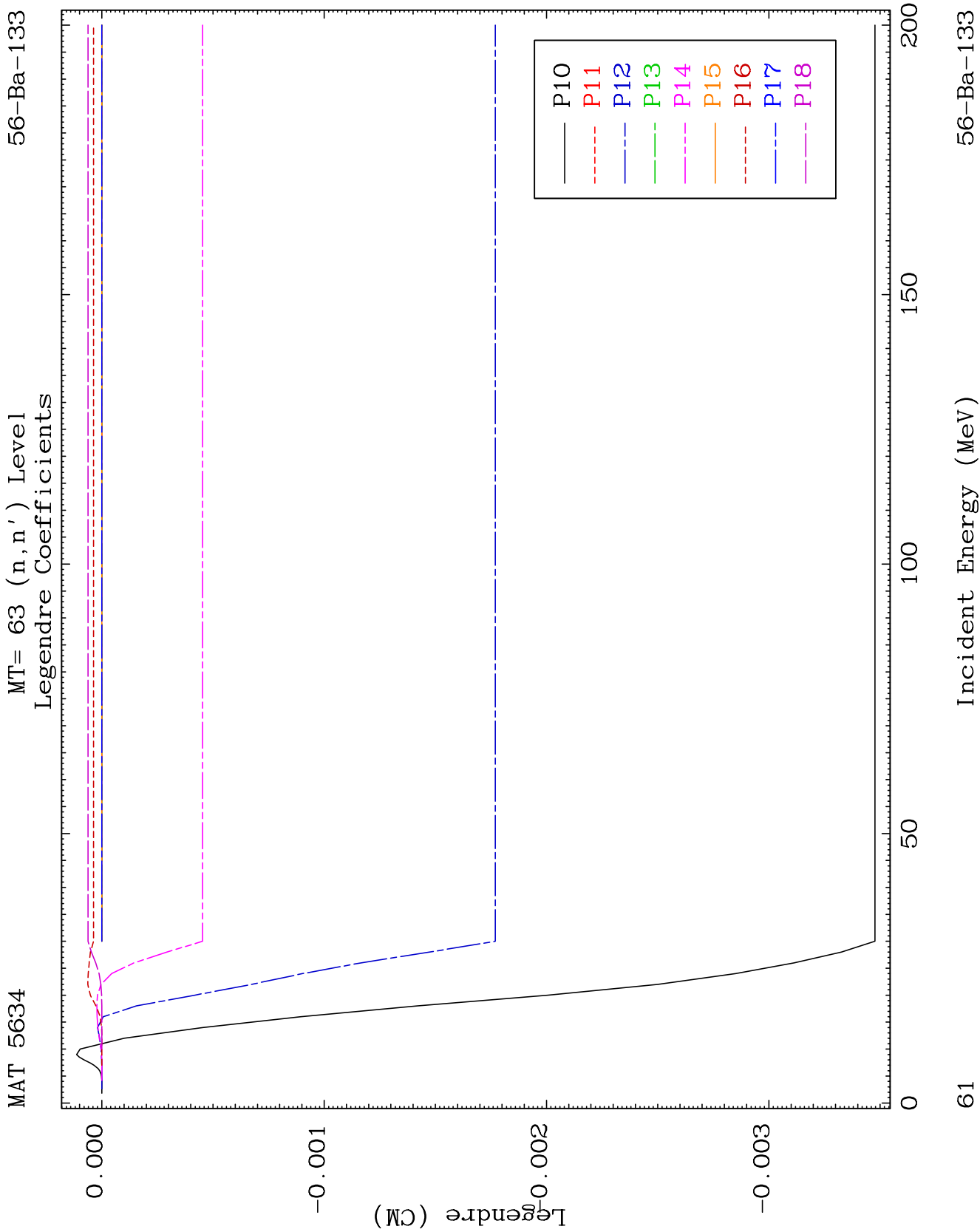
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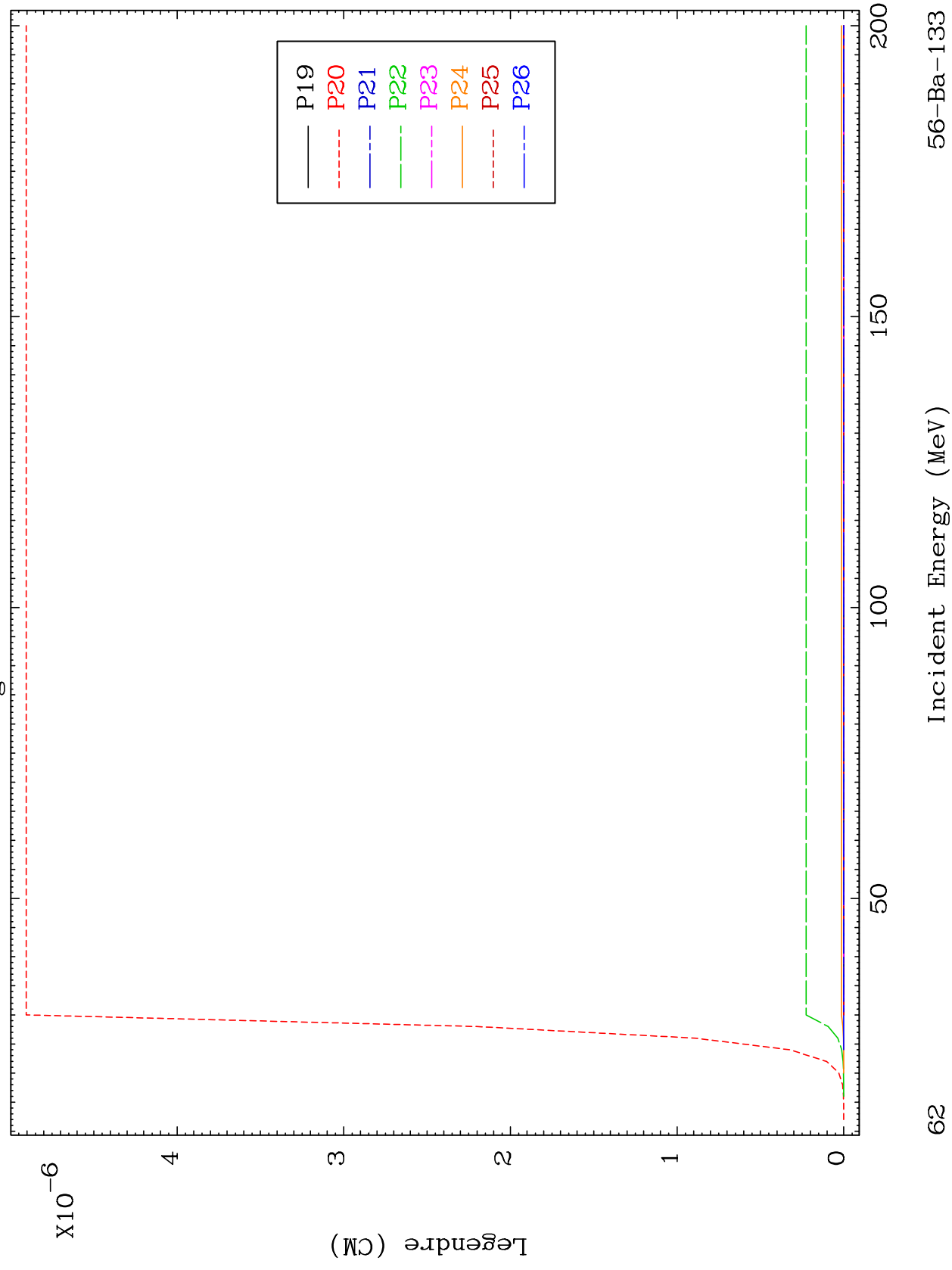


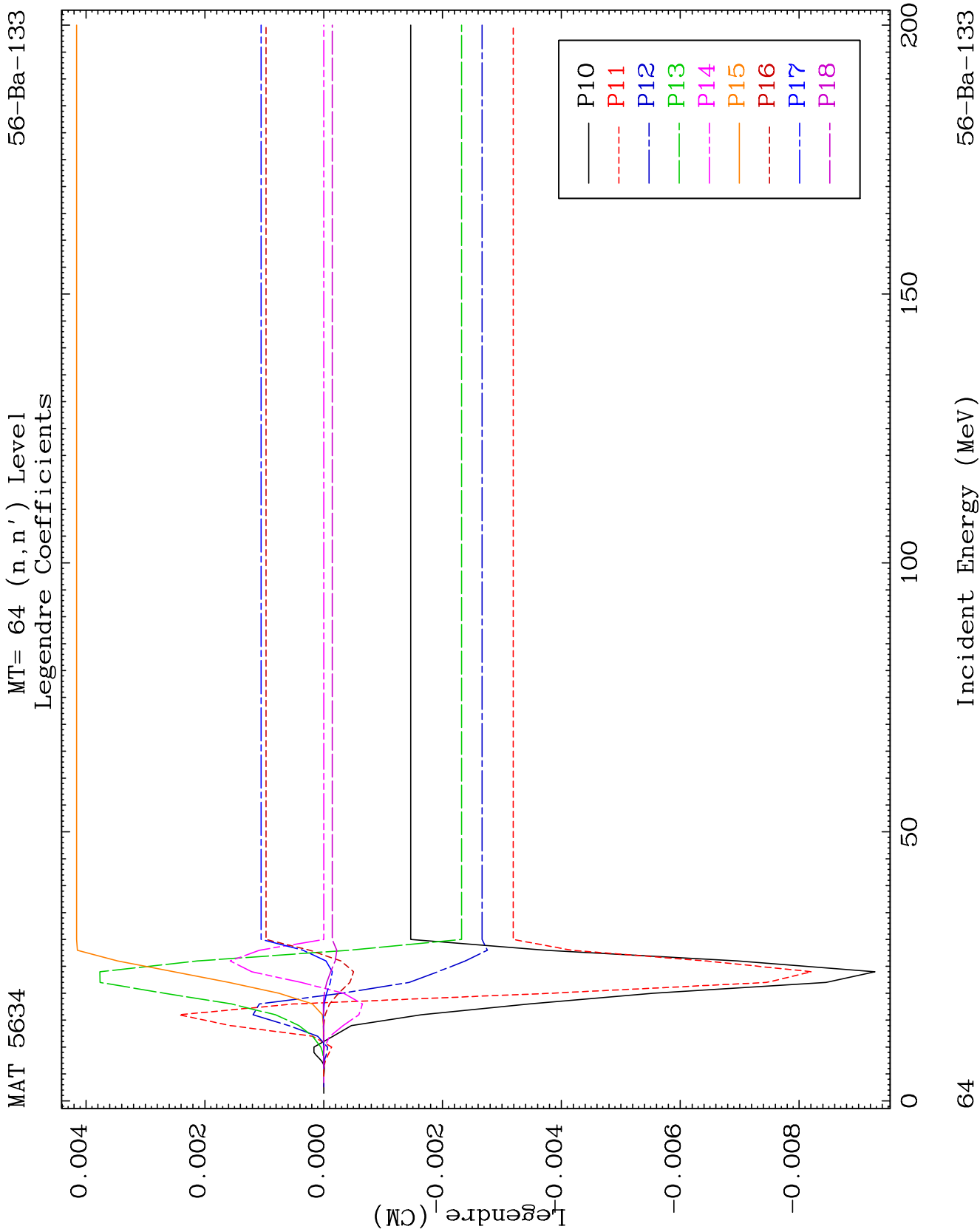


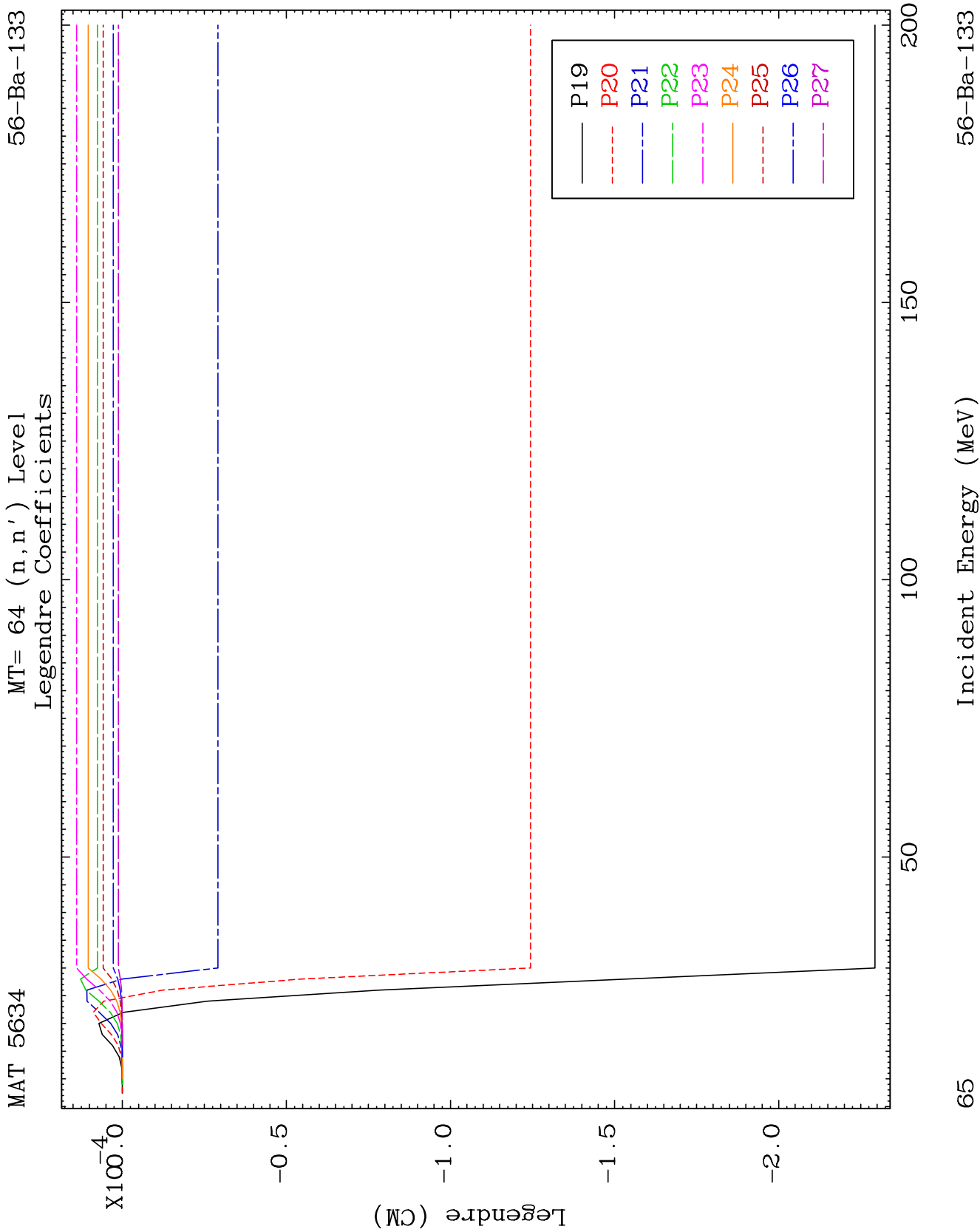
MAT 5634

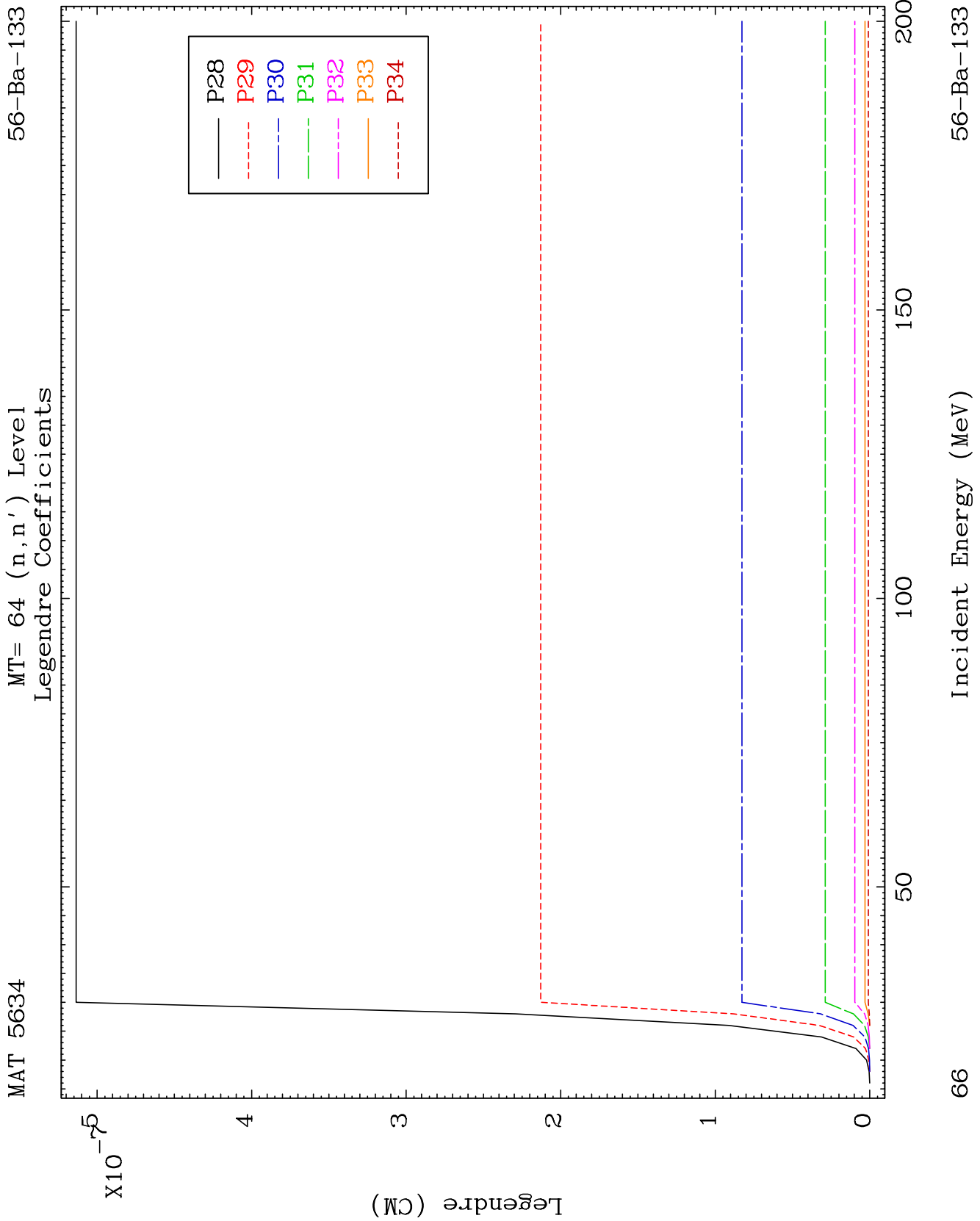
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Legendre Coefficients

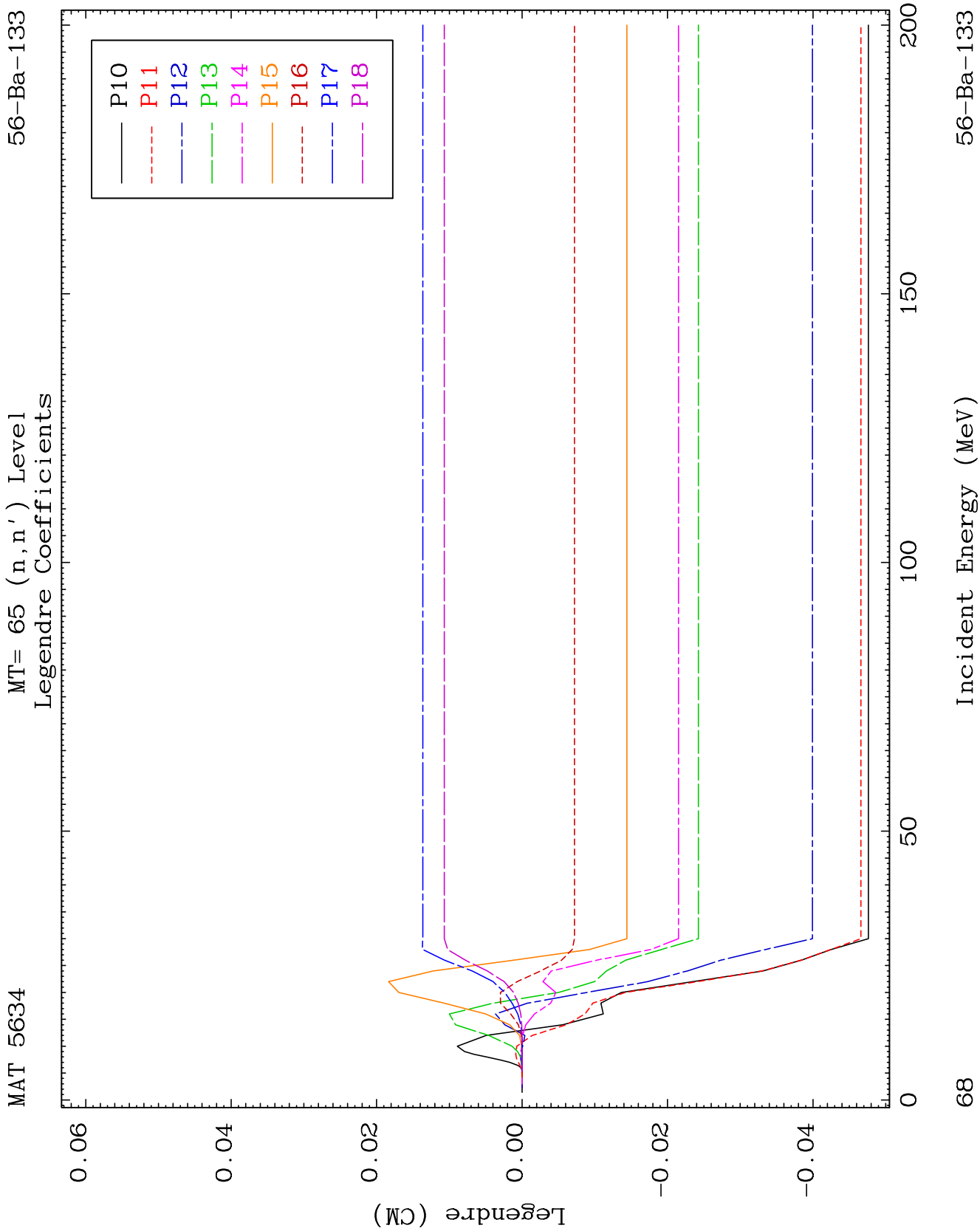
56-Ba-133

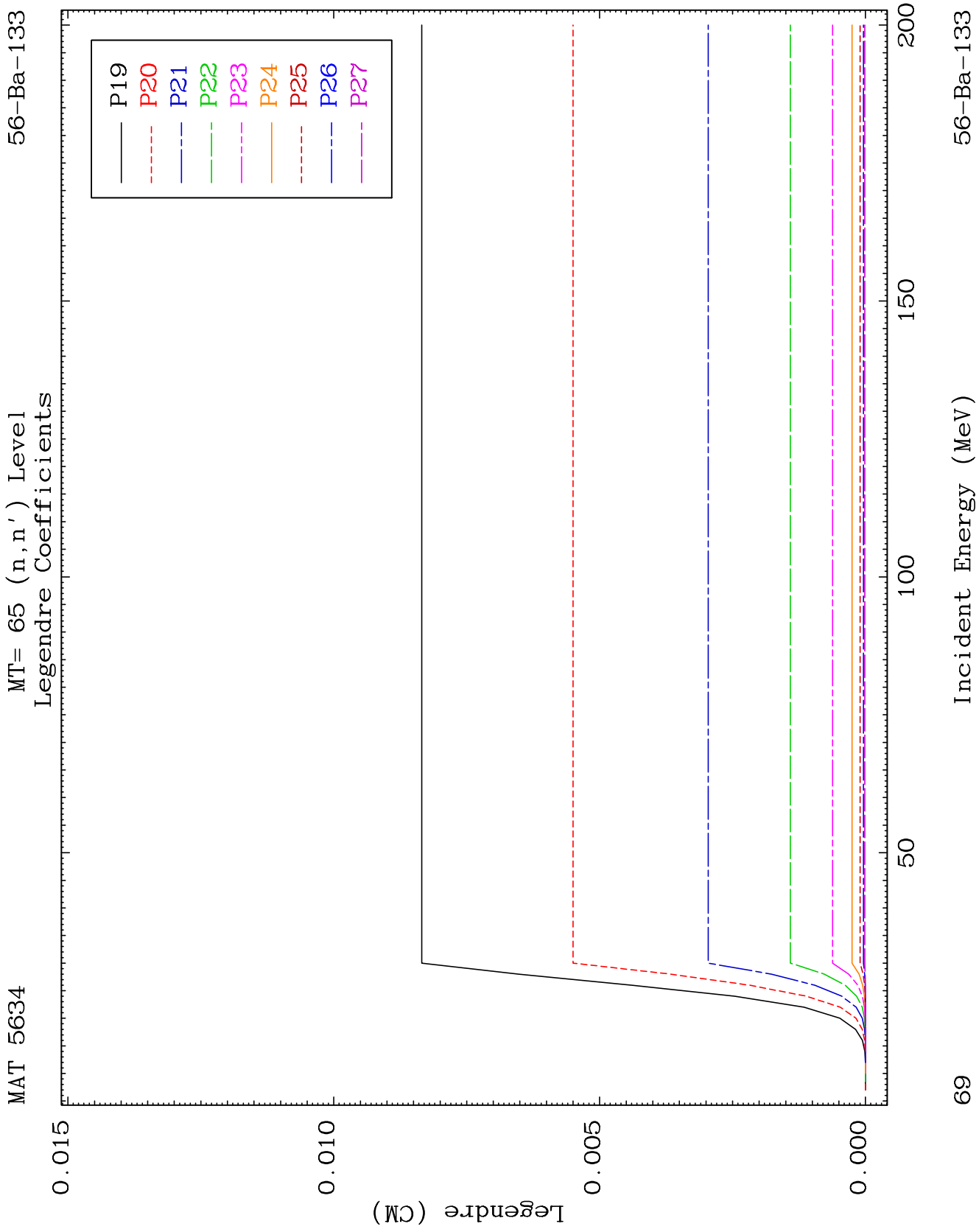








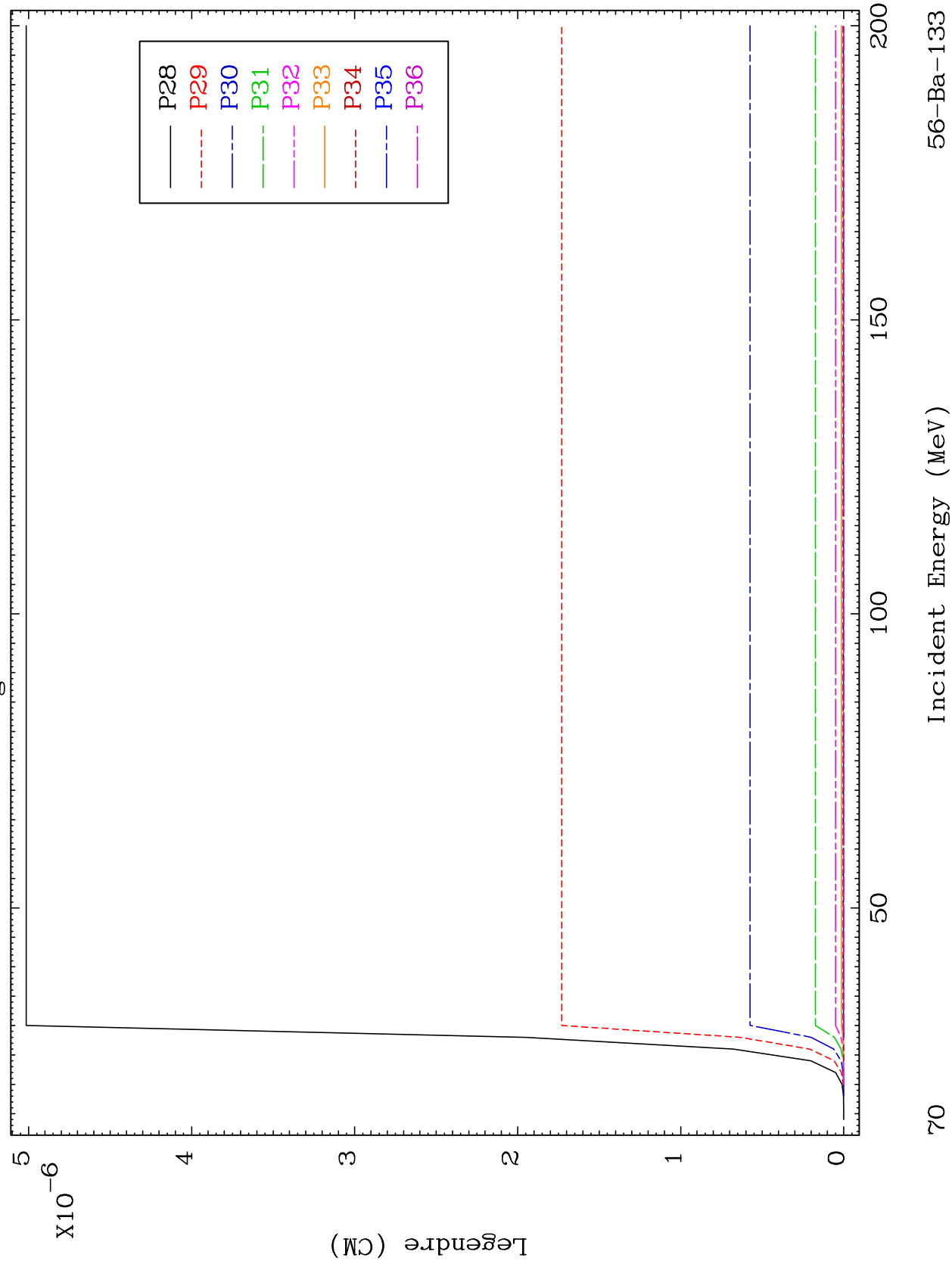




MAT 5634

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

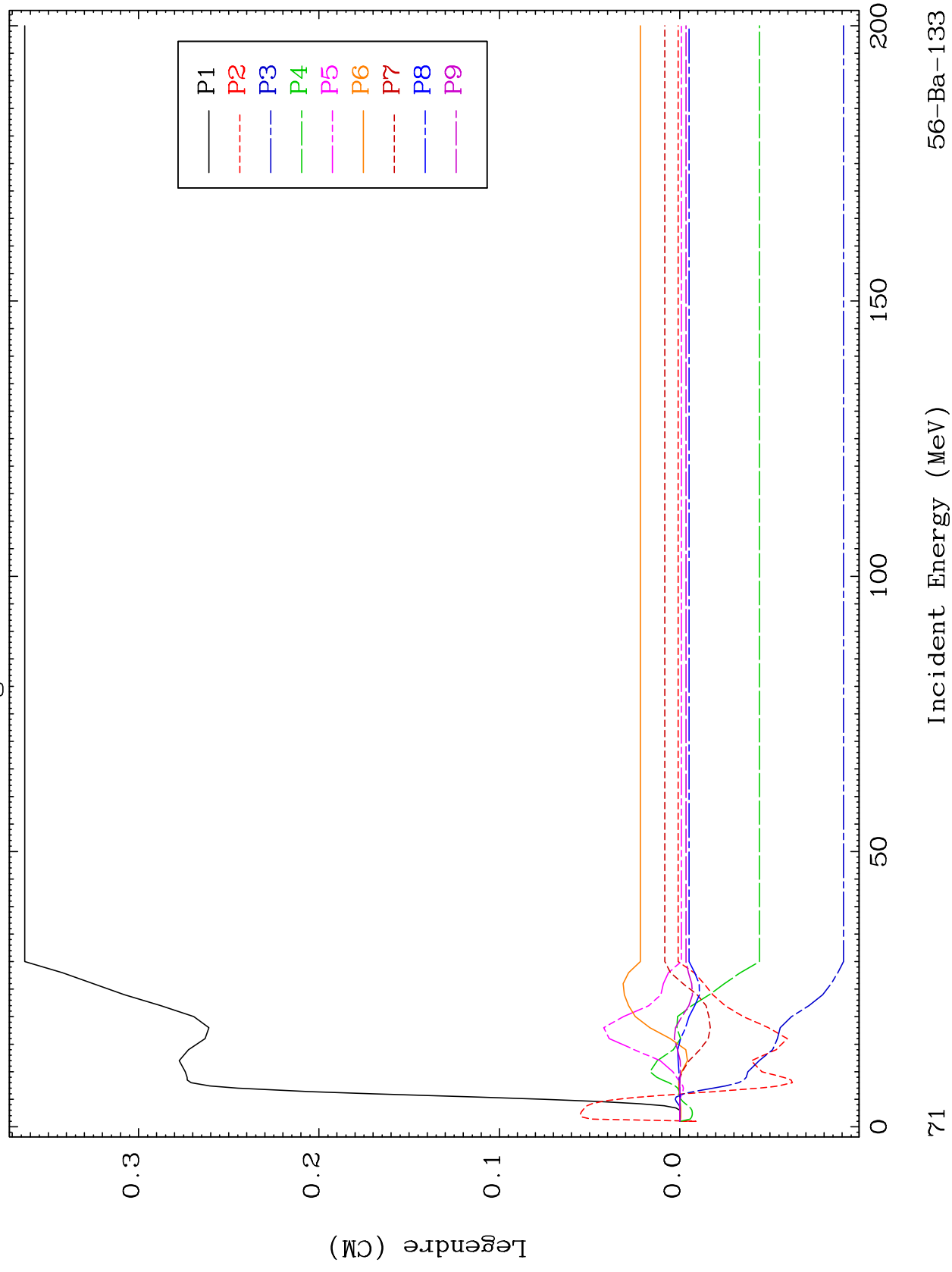
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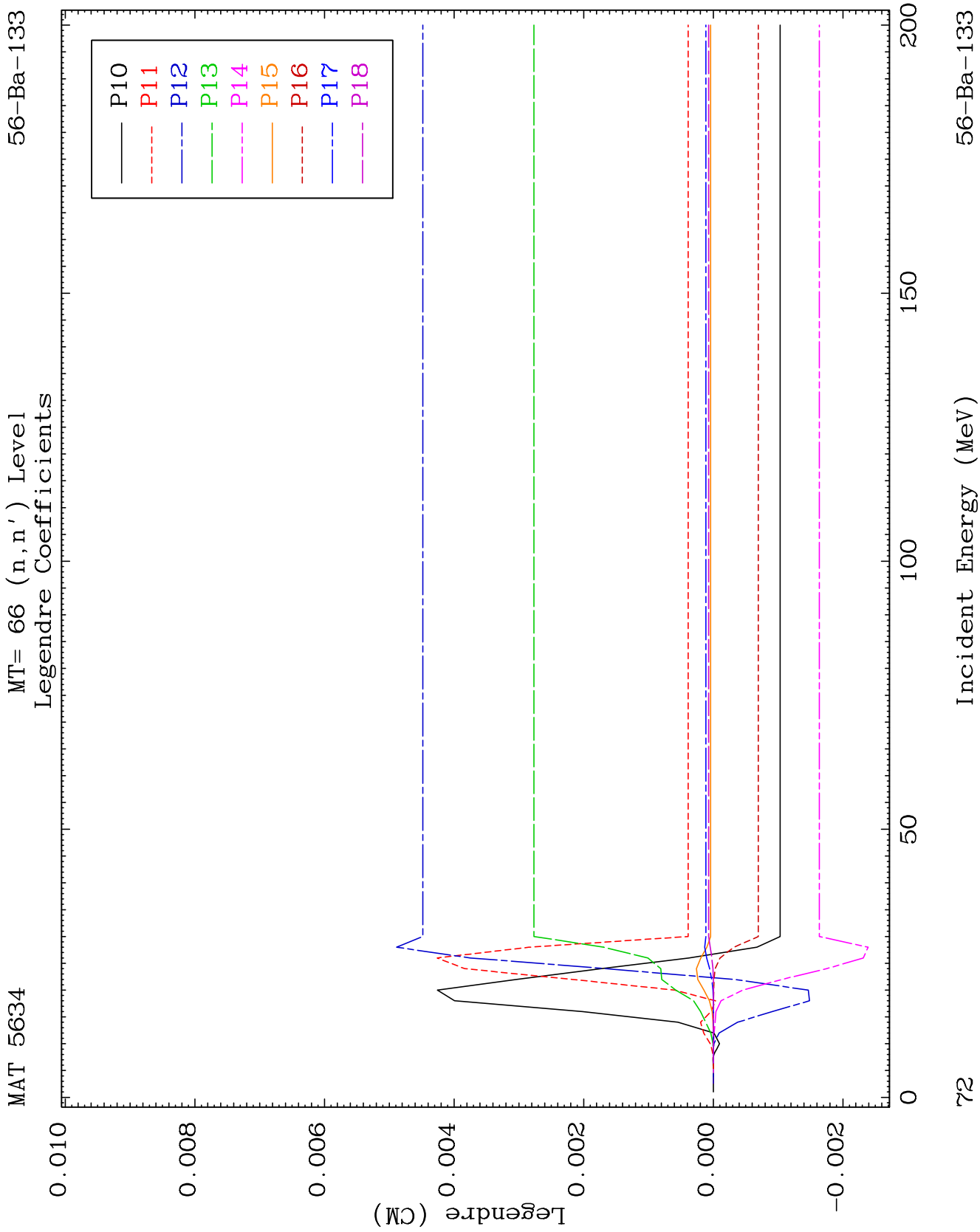


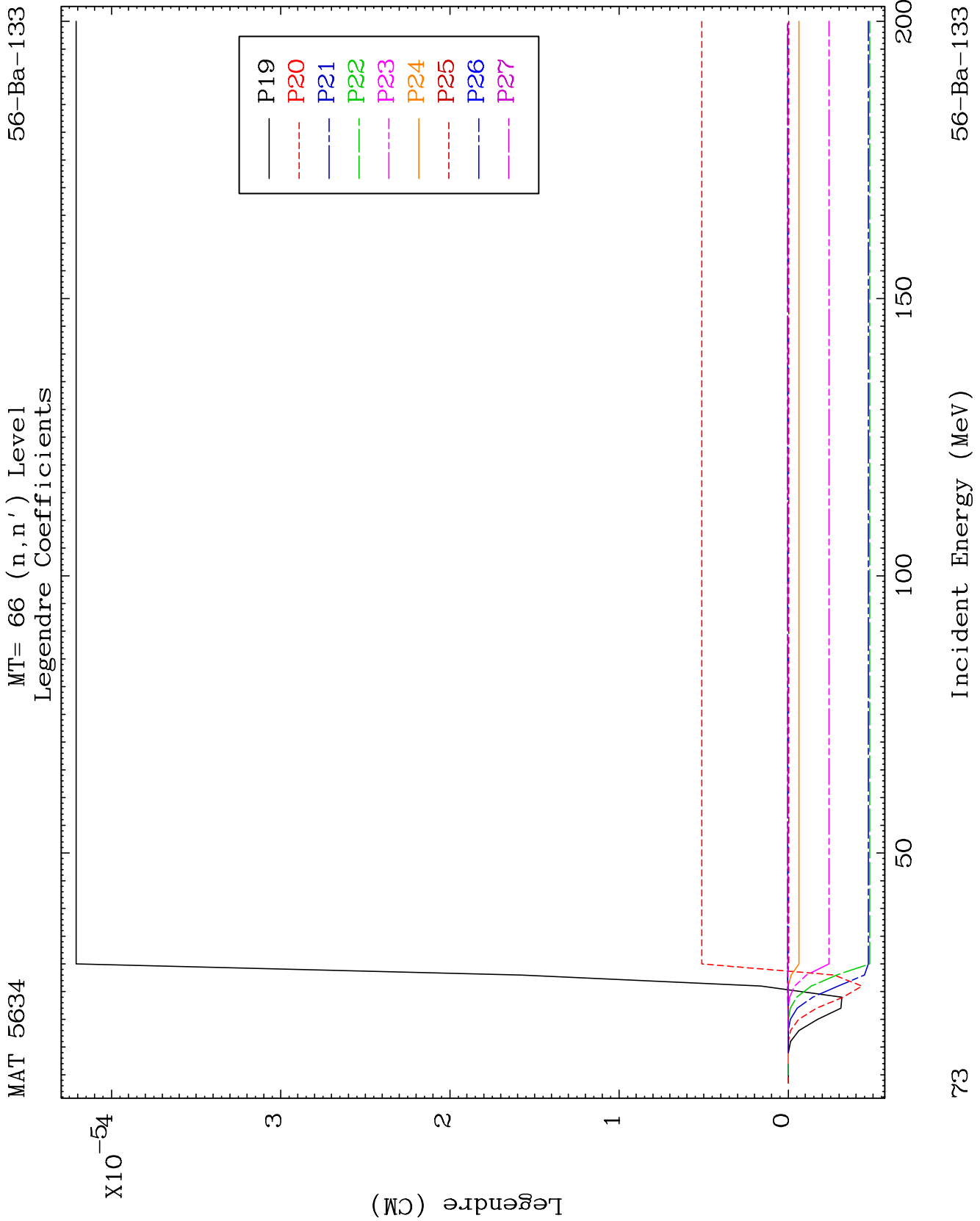
MAT 5634

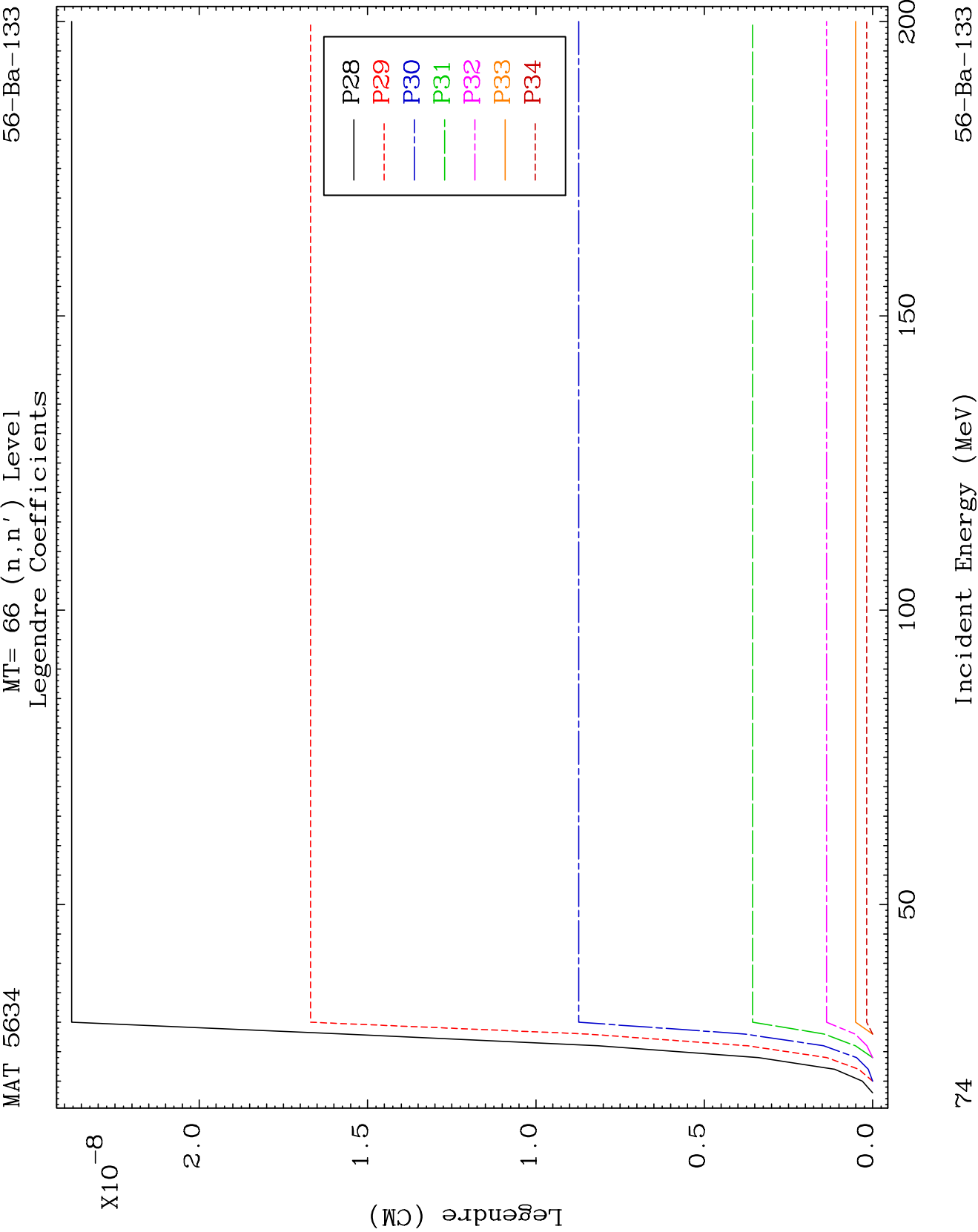
MT= 66 (n, n') Level
Legendre Coefficients

56-Ba-133





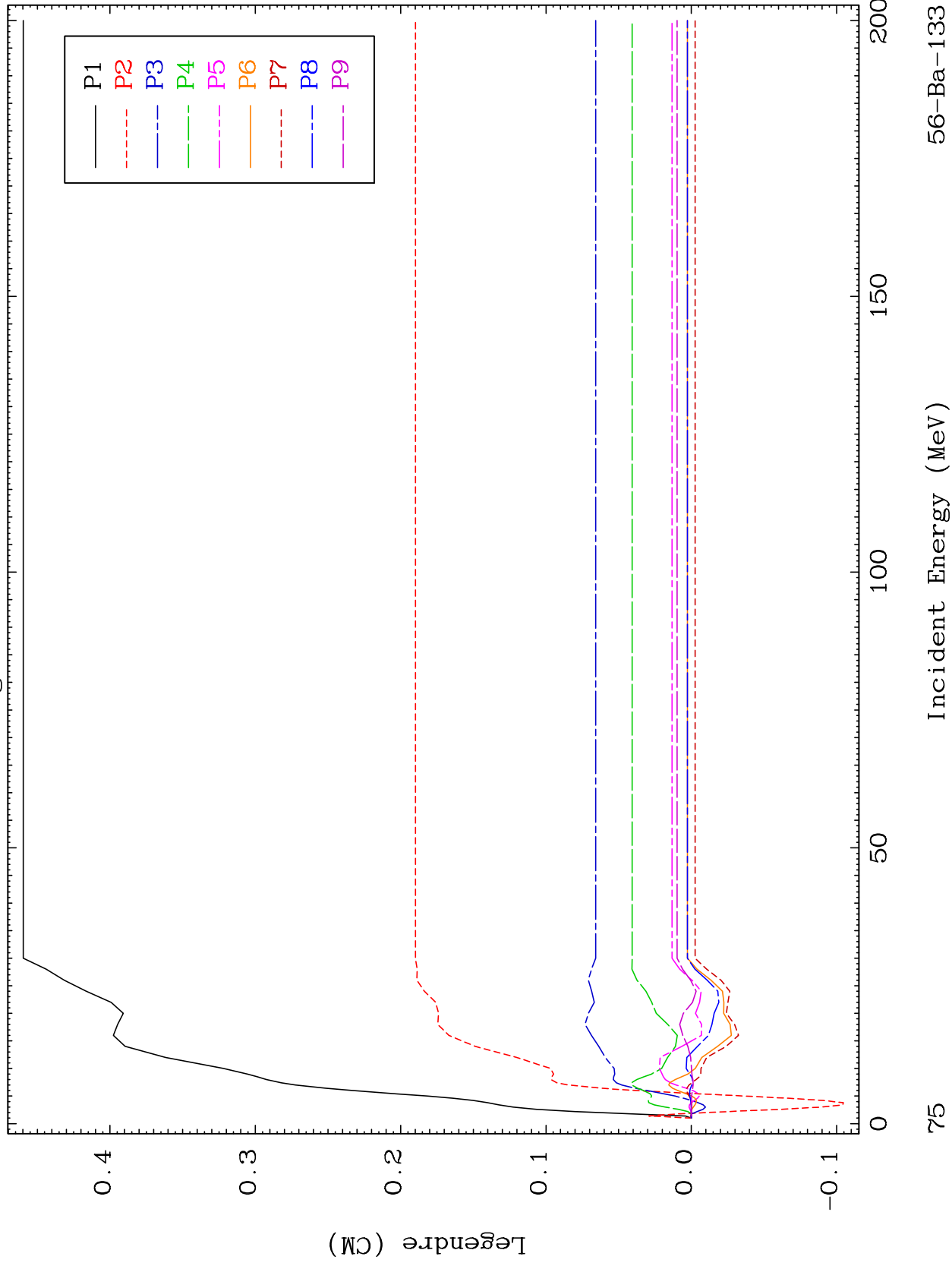


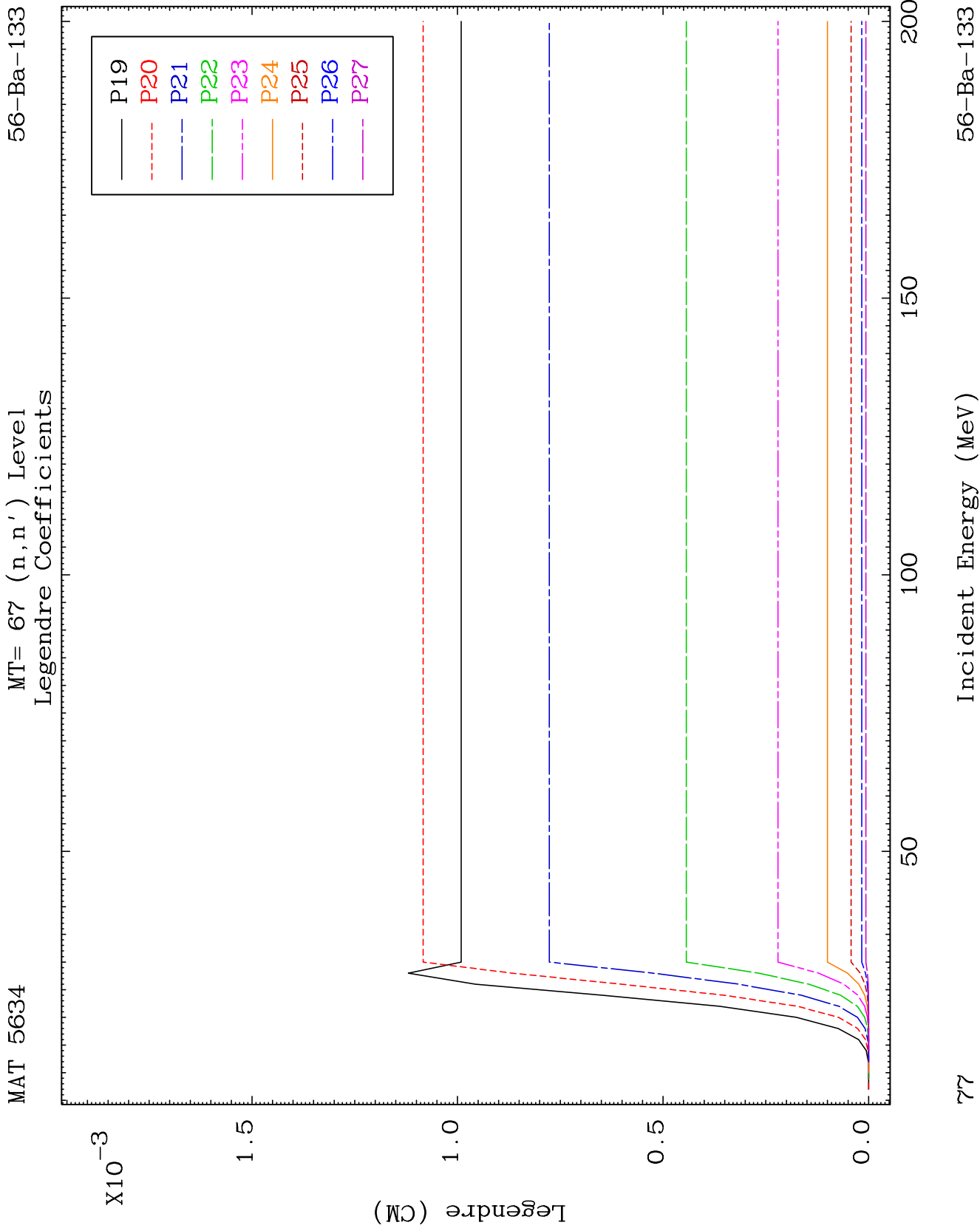


MAT 5634

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

56-Ba-133

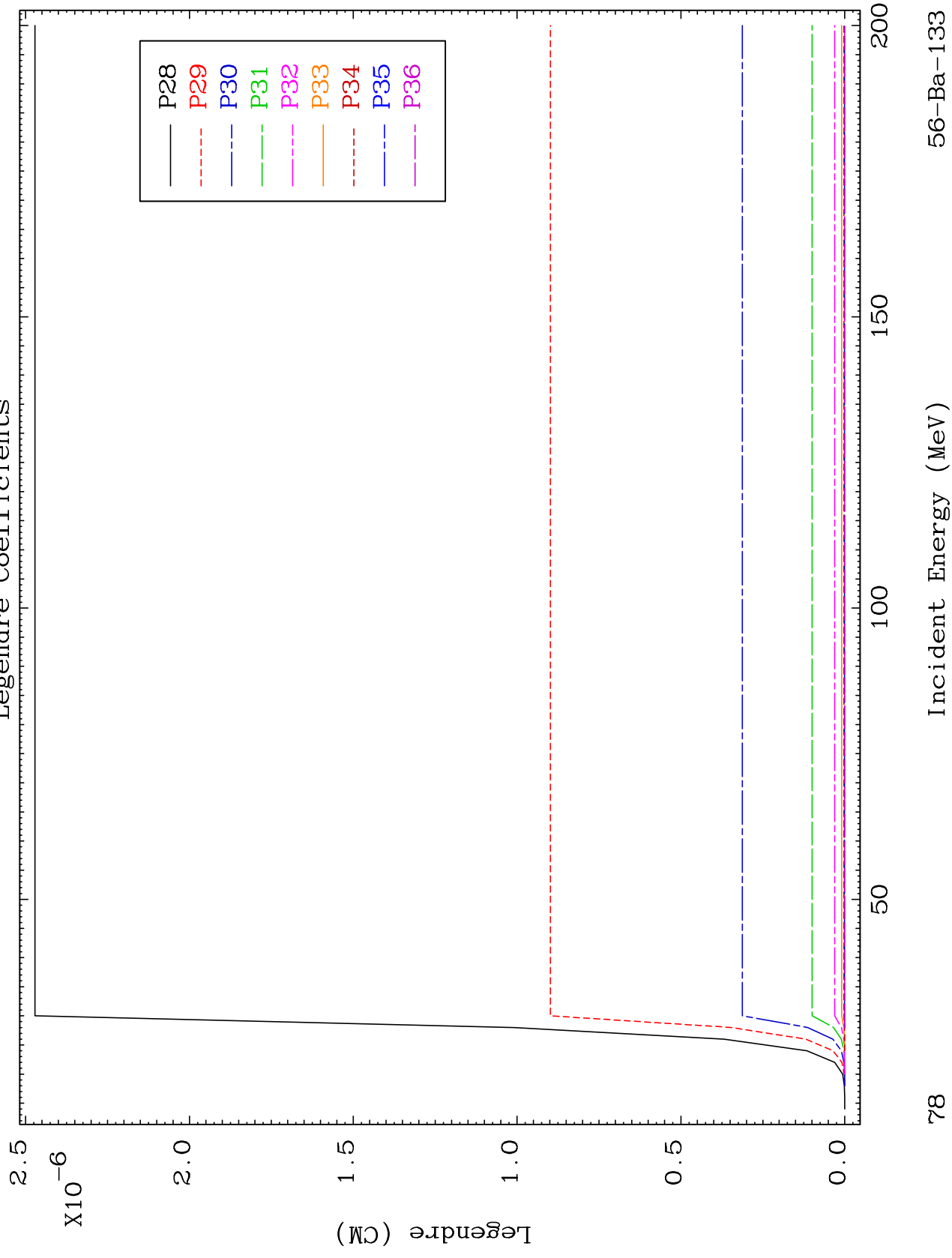




MAT 5634

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

56-Ba-133

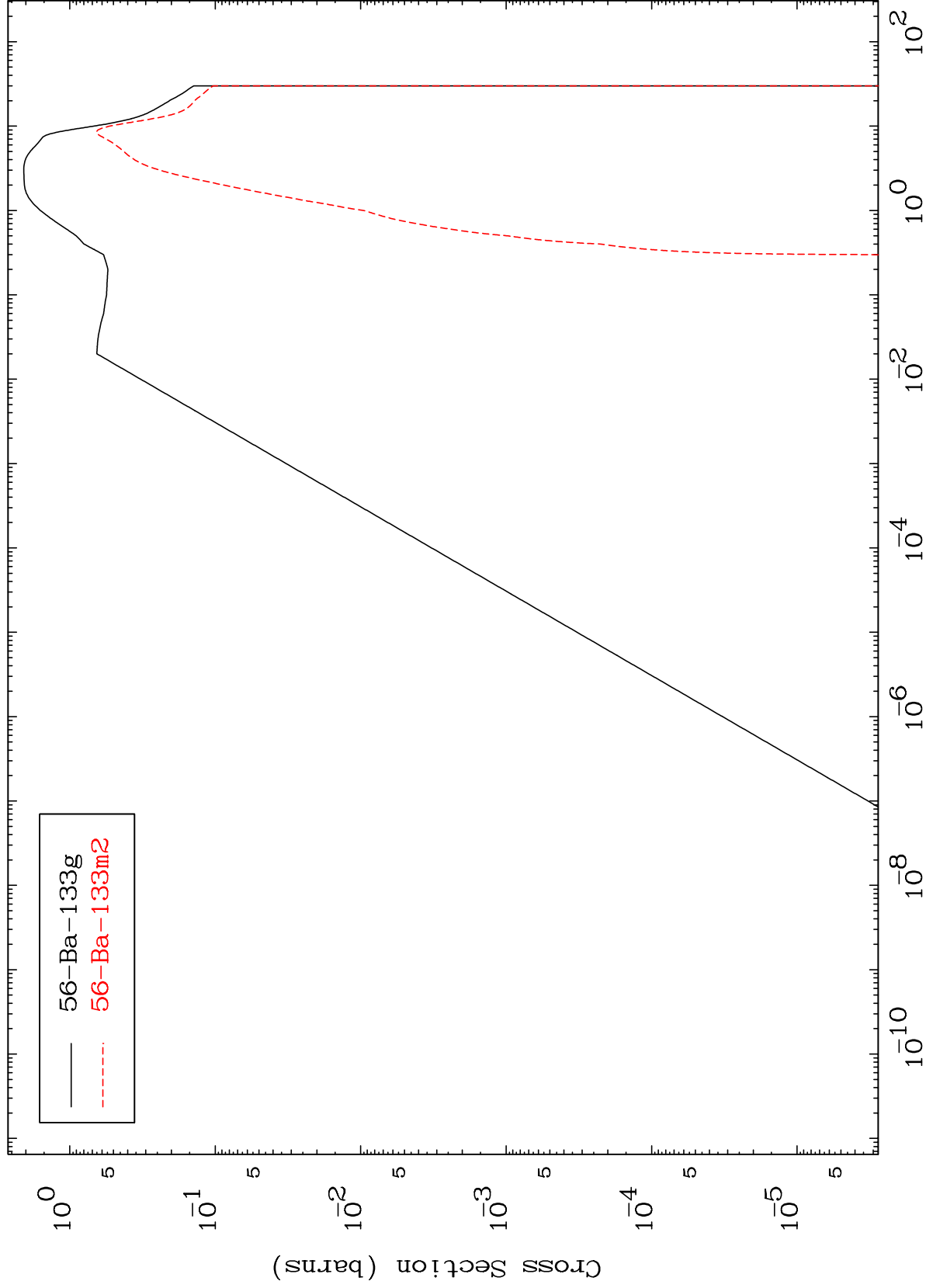


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Inelastic

56-Ba-133

Radionuclide Production Cross Section



79

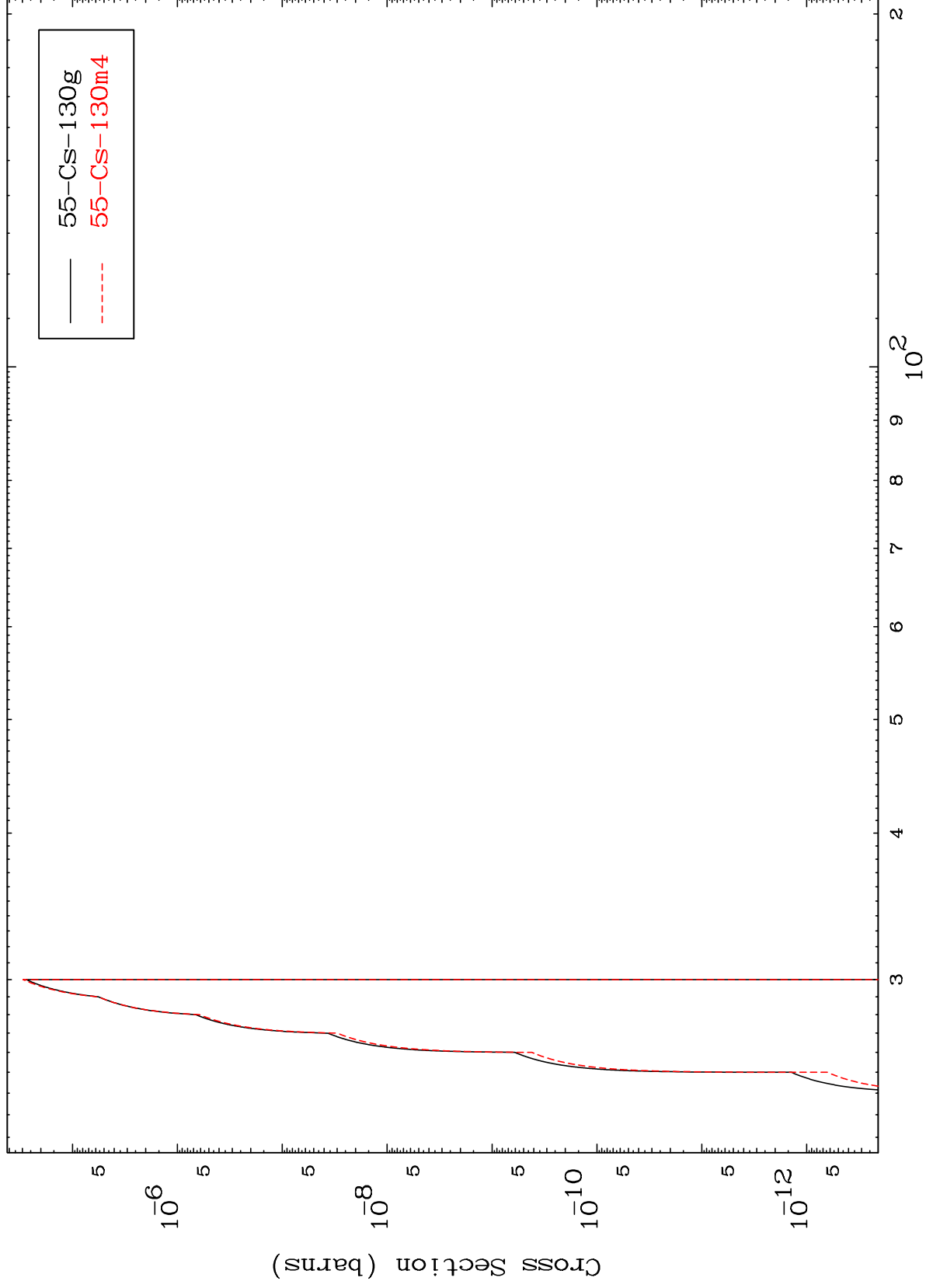
Incident Energy (MeV)

56-Ba-133

MAT 5634

56-Ba-133

$(n,2n)$ d
Radionuclide Production Cross Section



80

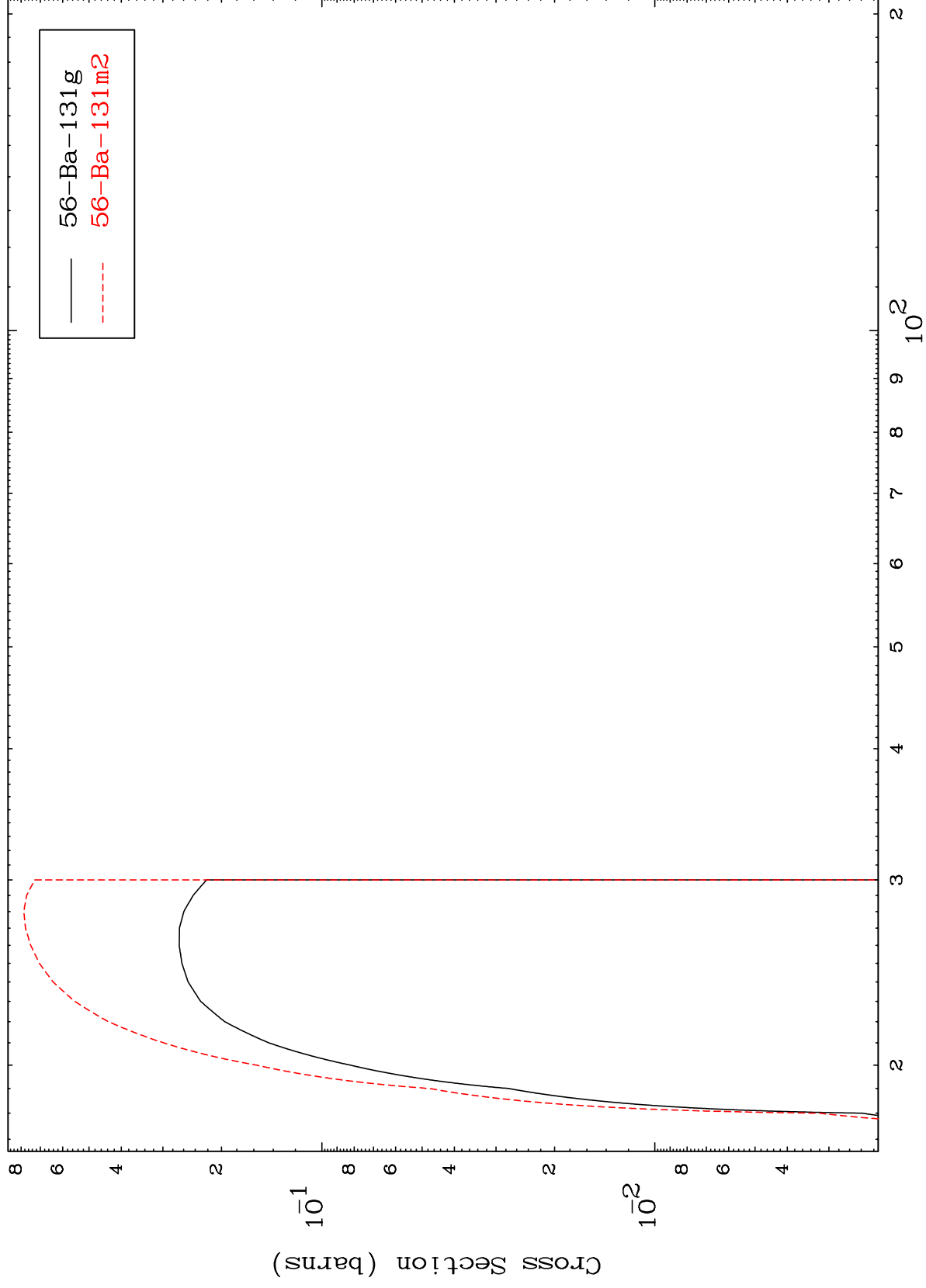
Incident Energy (MeV)

56-Ba-133

MAT 5634

56-Ba-133

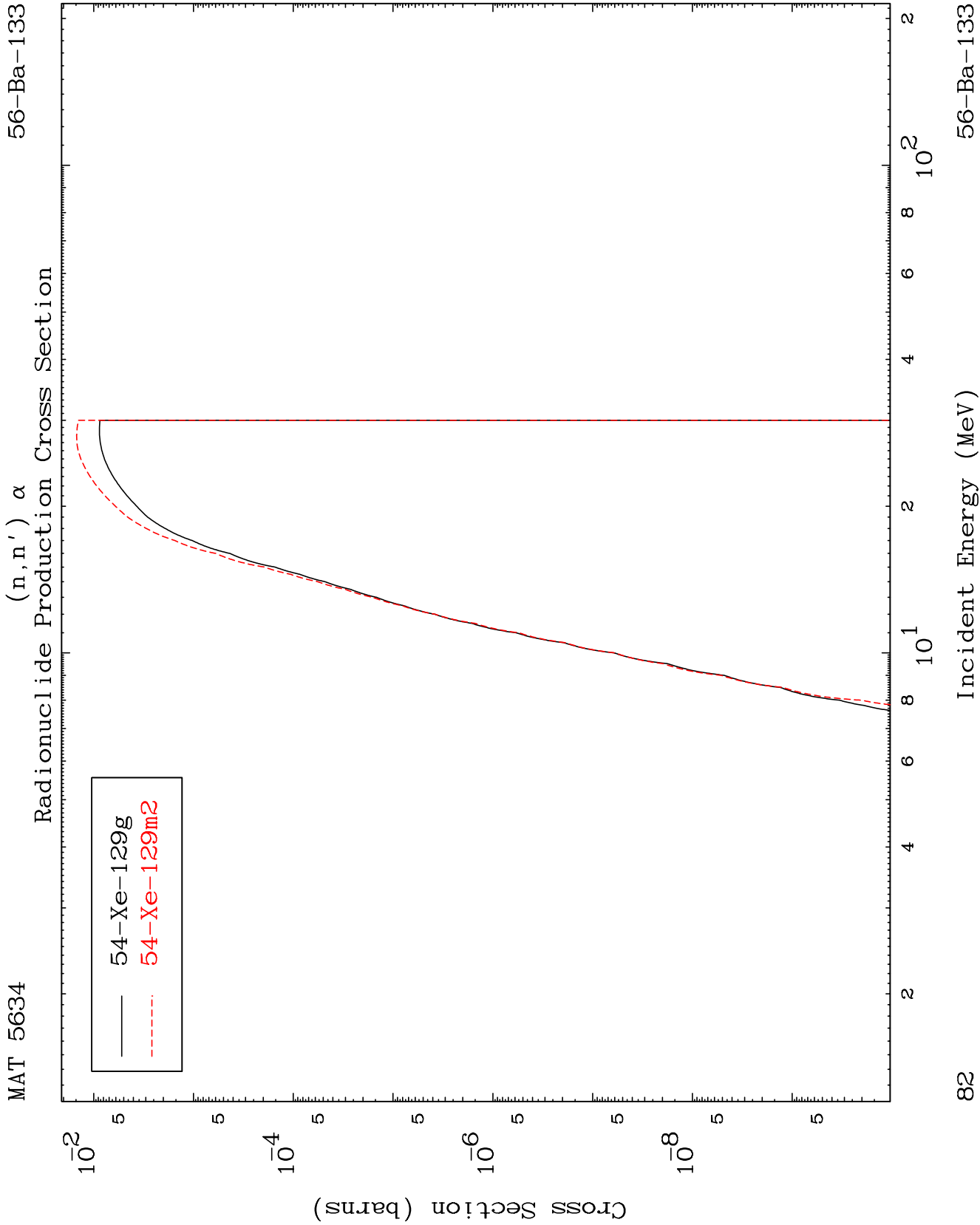
(n,3n)
Radionuclide Production Cross Section

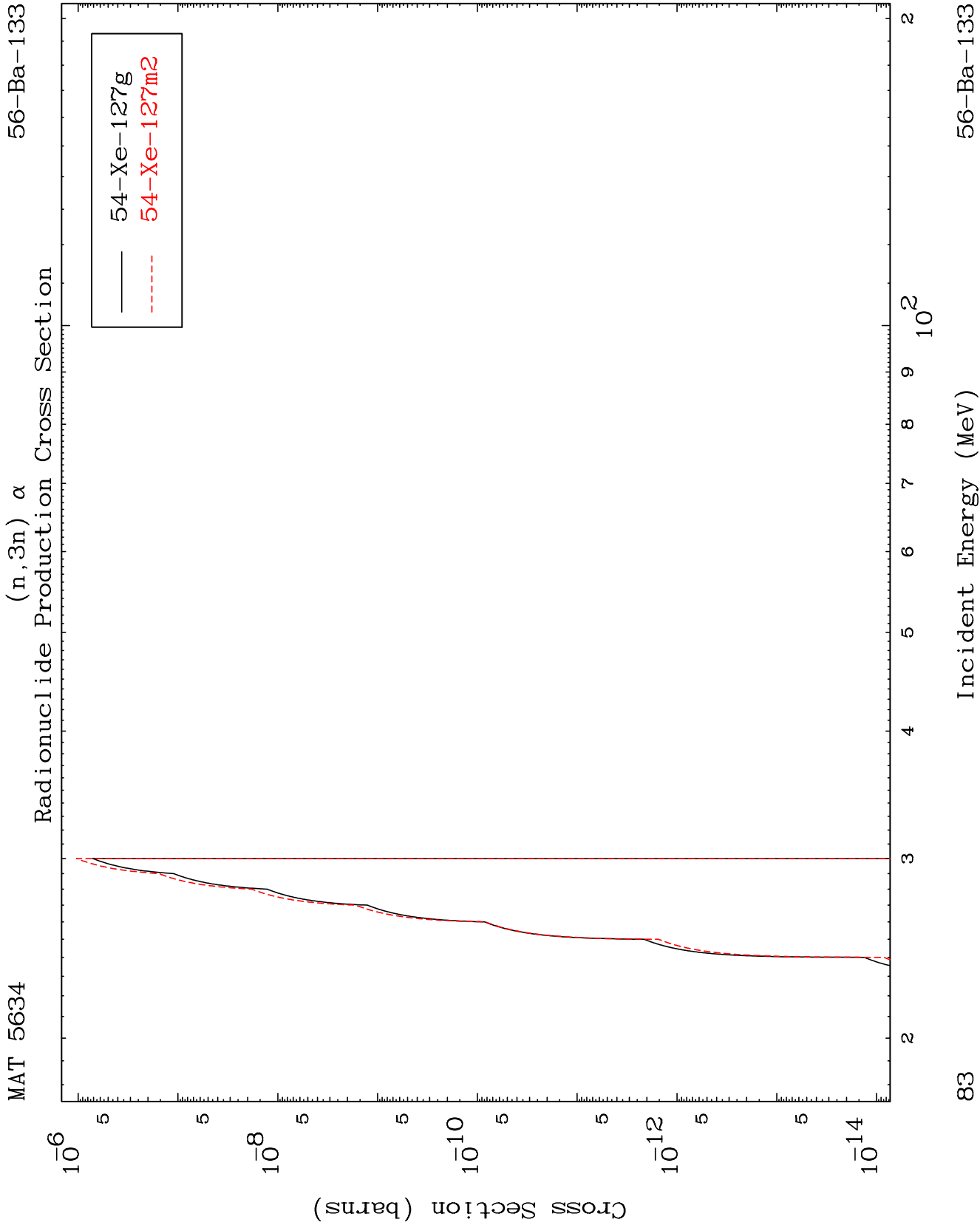


81

Incident Energy (MeV)

56-Ba-133



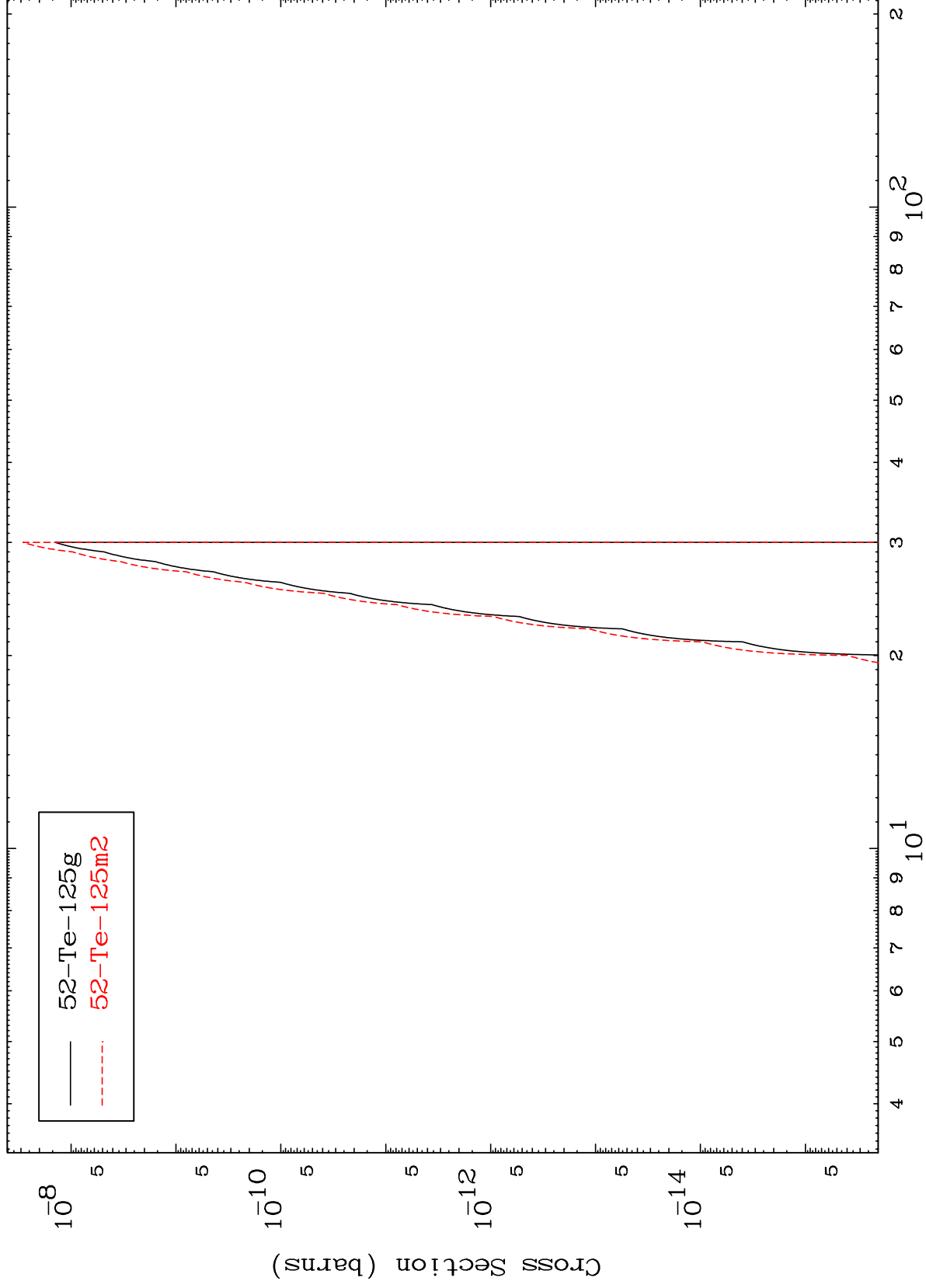


MAT 5634

(n,n') 2 α

56-Ba-133

Radionuclide Production Cross Section



84

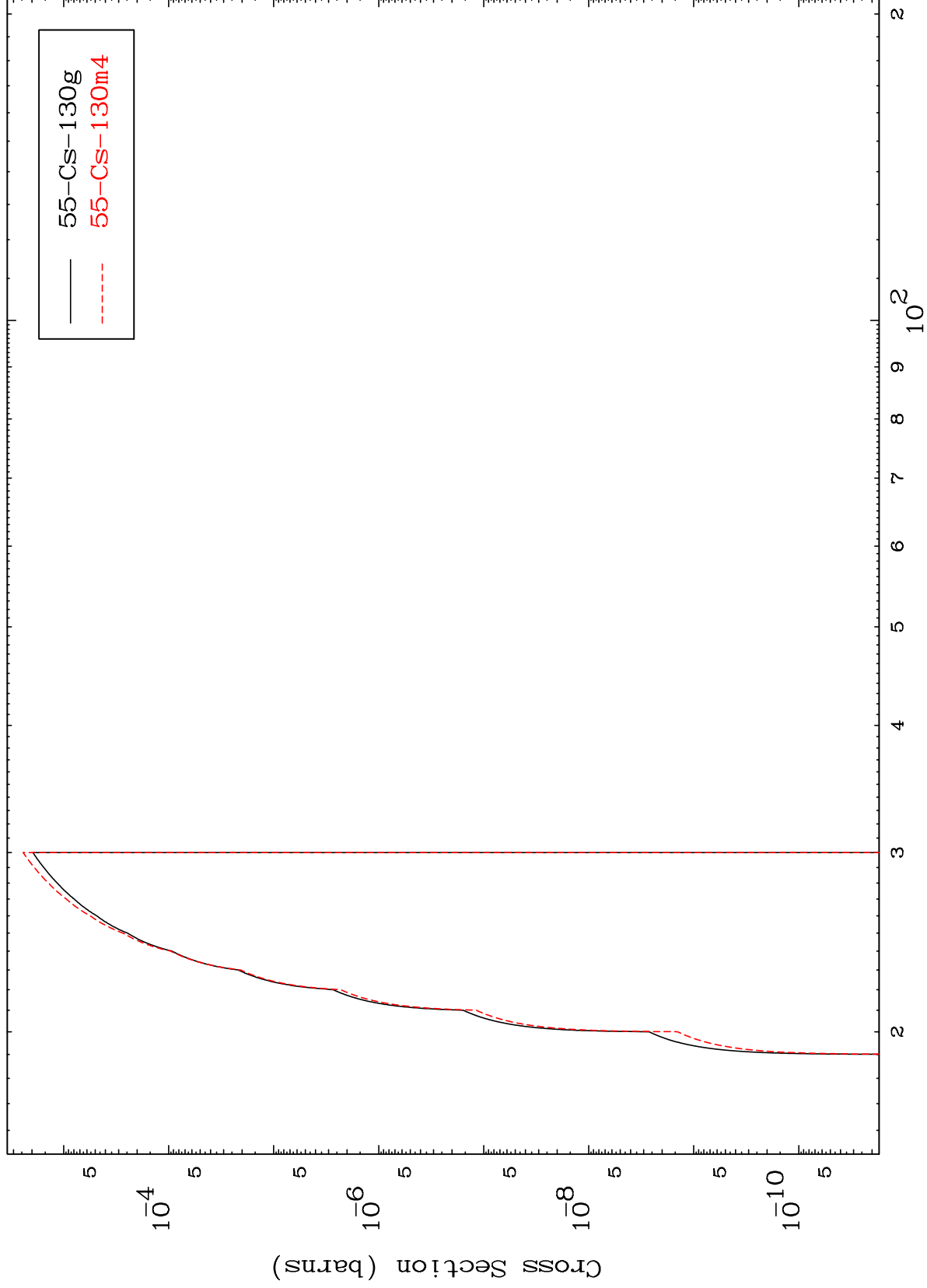
Incident Energy (MeV)

56-Ba-133

MAT 5634

56-Ba-133

(n,n') t
Radionuclide Production Cross Section

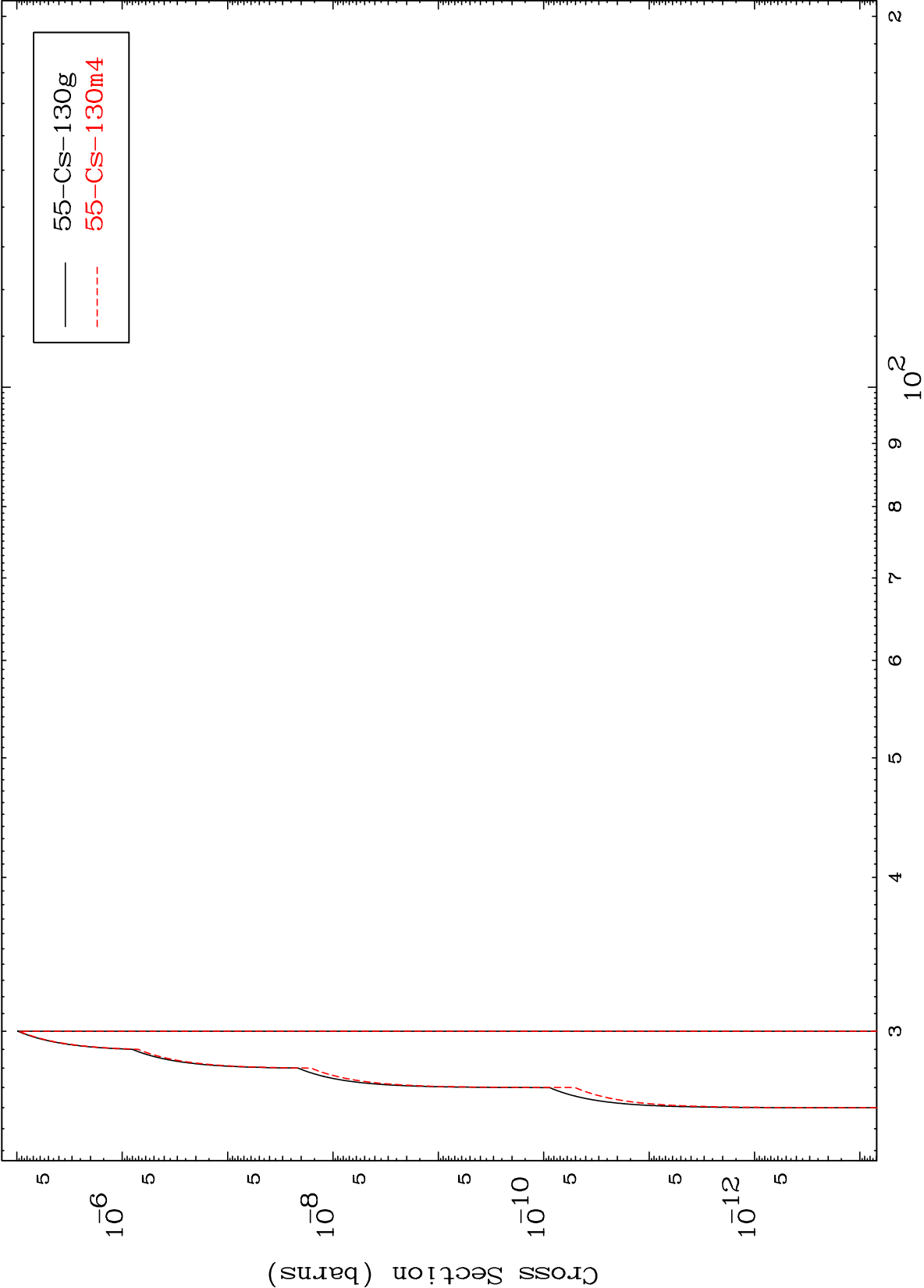


85

Incident Energy (MeV)

56-Ba-133

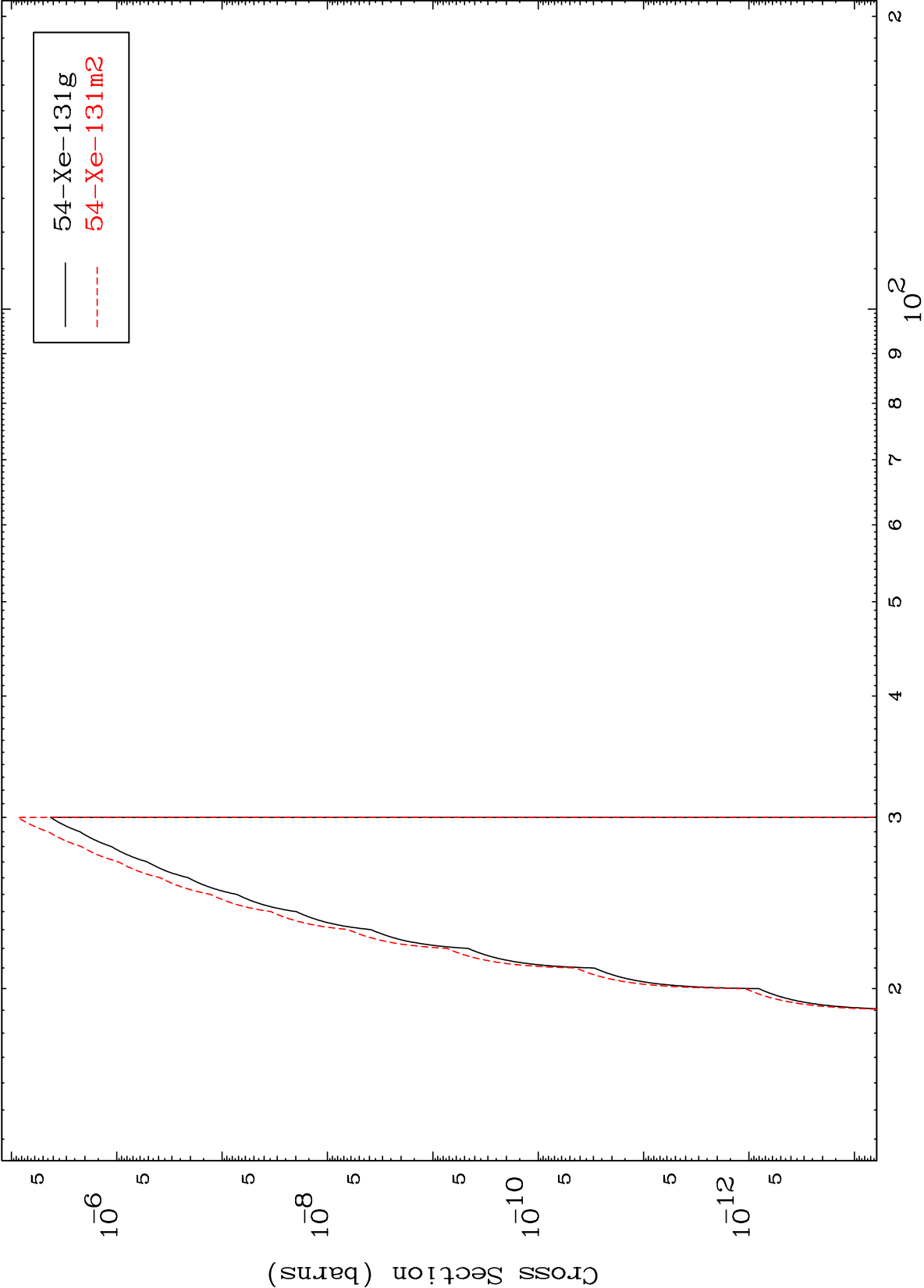
(n,3n) p
Radionuclide Production Cross Section



MAT 5634

56-Ba-133

(n,2n) p
Radionuclide Production Cross Section



87

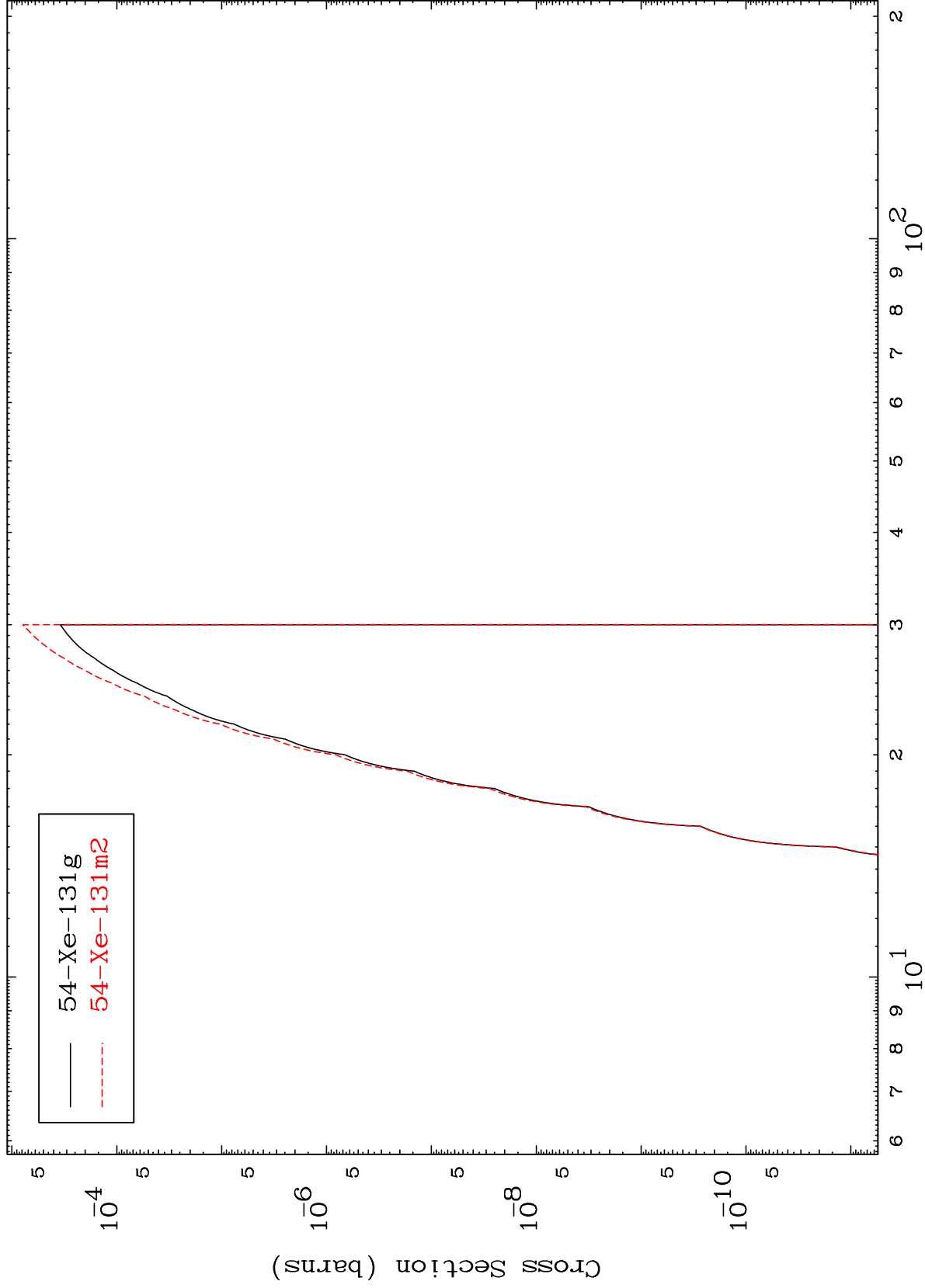
Incident Energy (MeV)

56-Ba-133

MAT 5634

56-Ba-133

(n,He-3)
Radionuclide Production Cross Section



88

Incident Energy (MeV)

56-Ba-133

(n,p) d
Radionuclide Production Cross Section

