

Program EVALPLOT
(Version 2021-1)

by

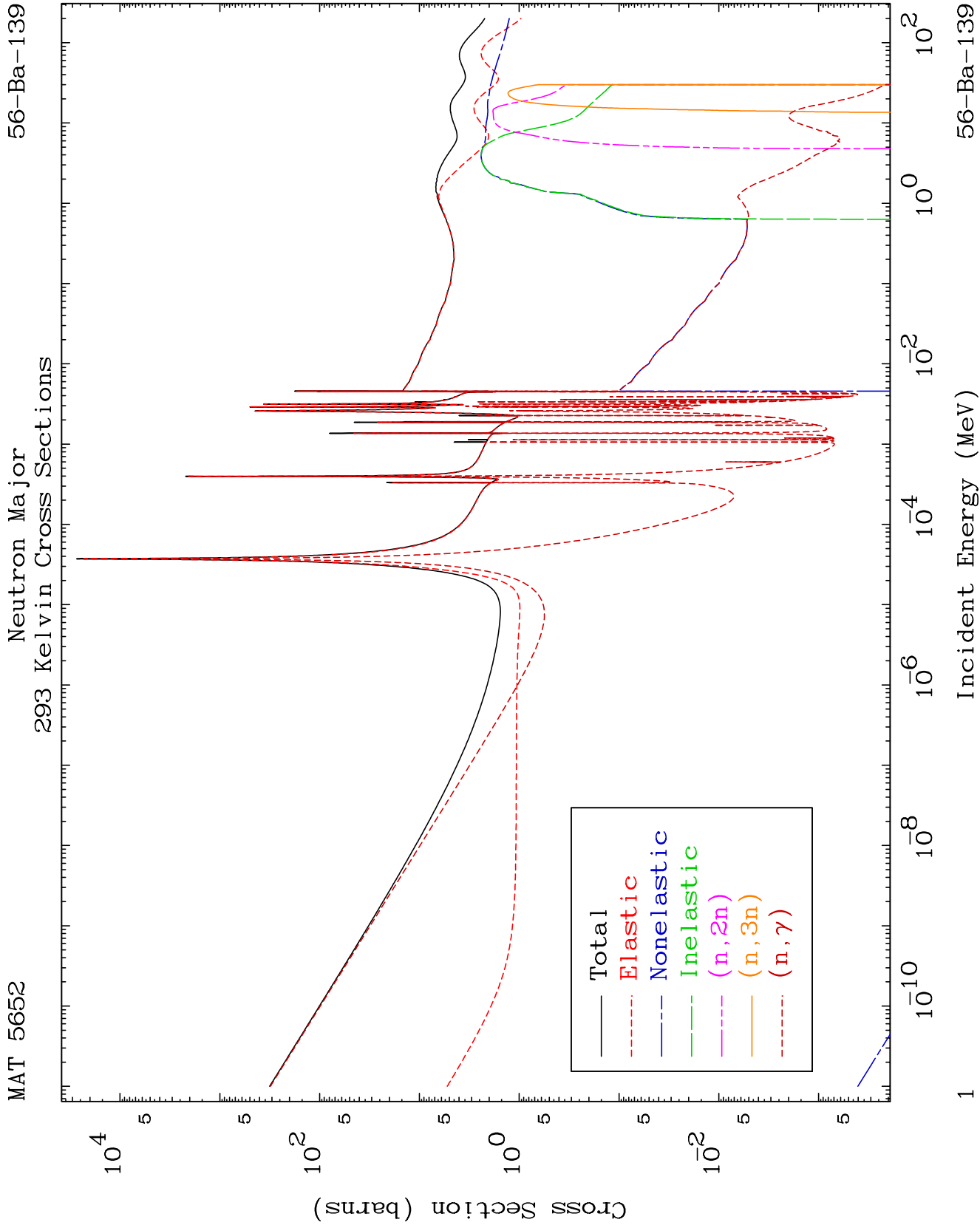
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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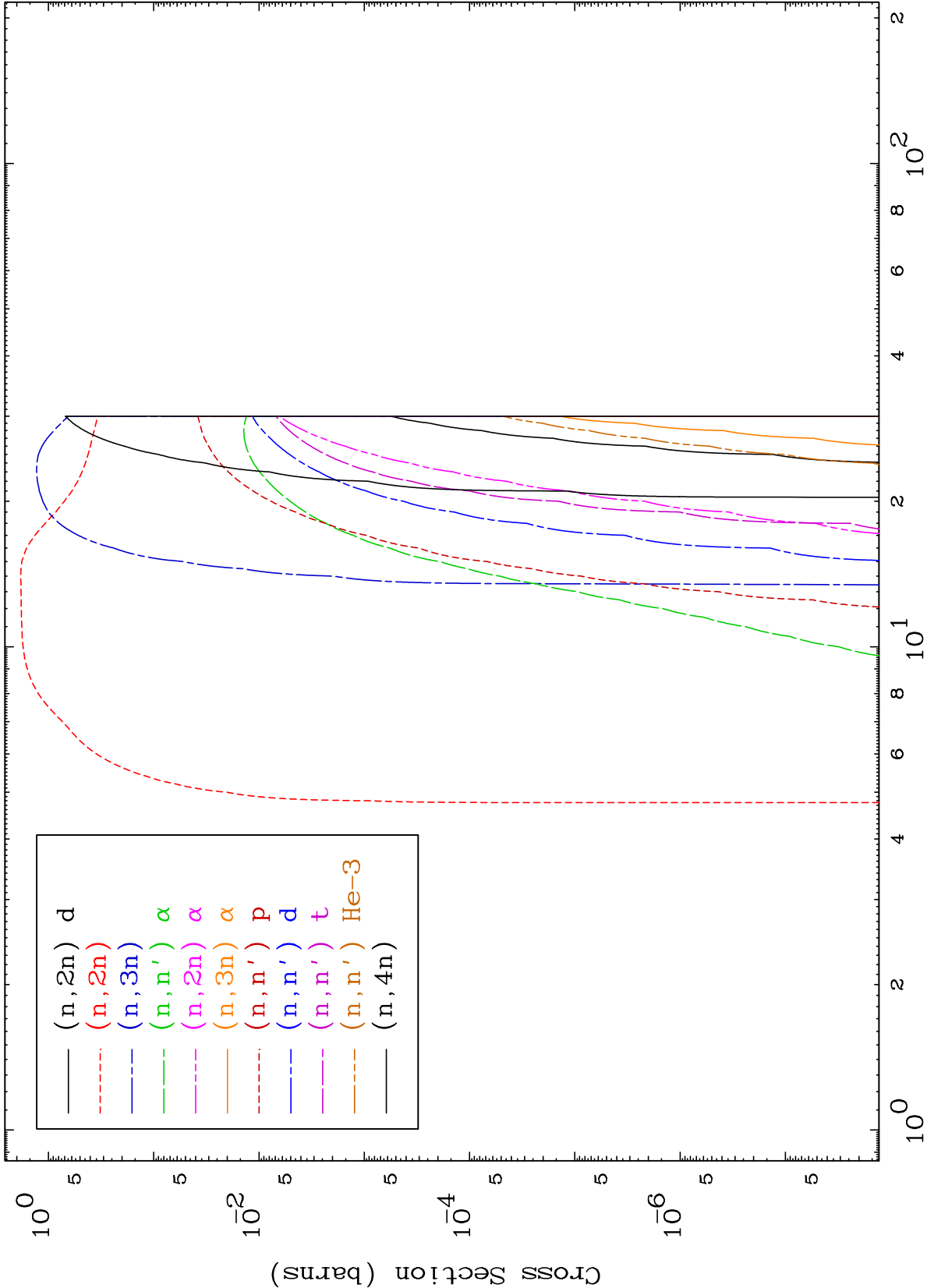
Press Mouse Button to Start



MAT 5652

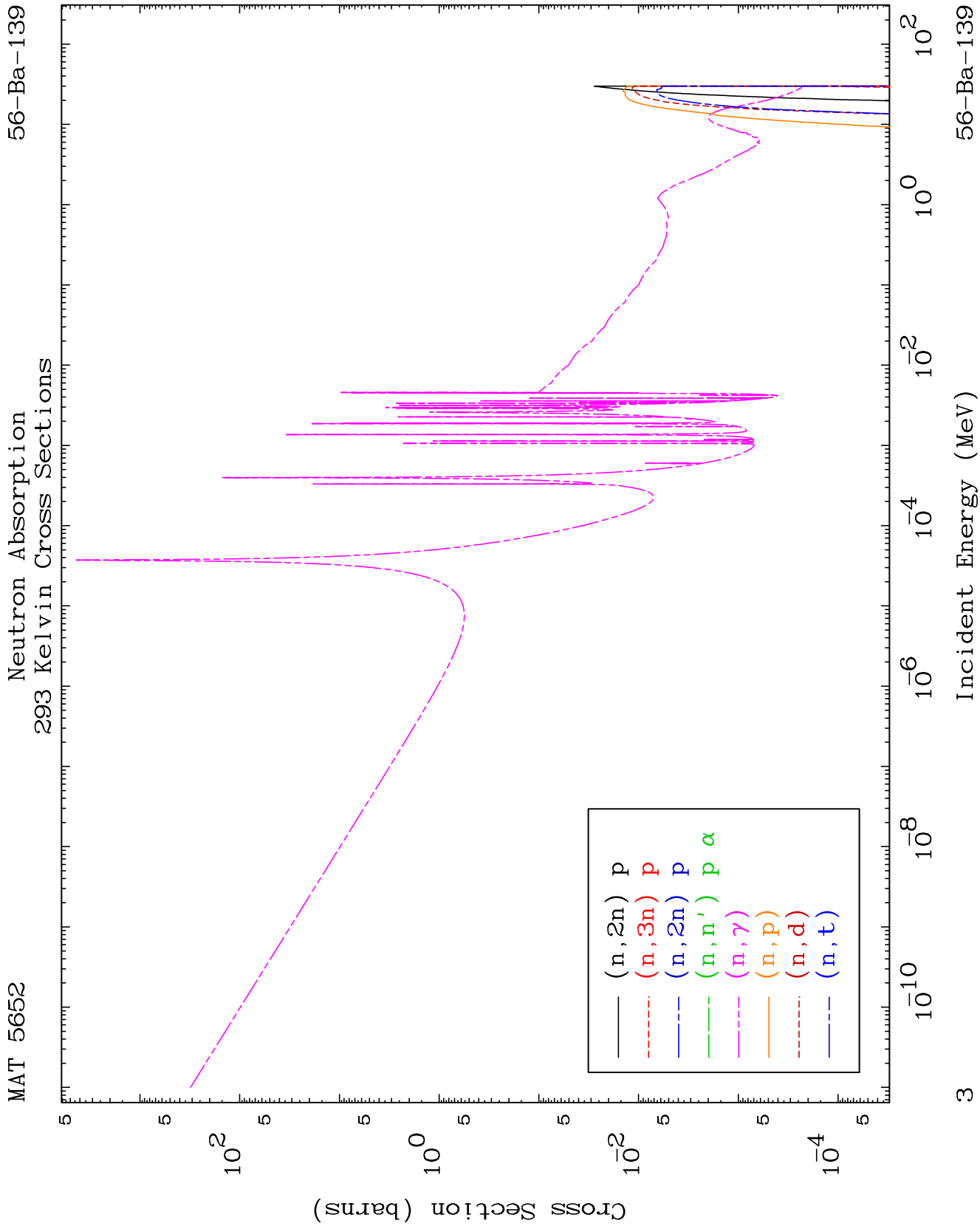
Neutron Absorption
293 Kelvin Cross Sections

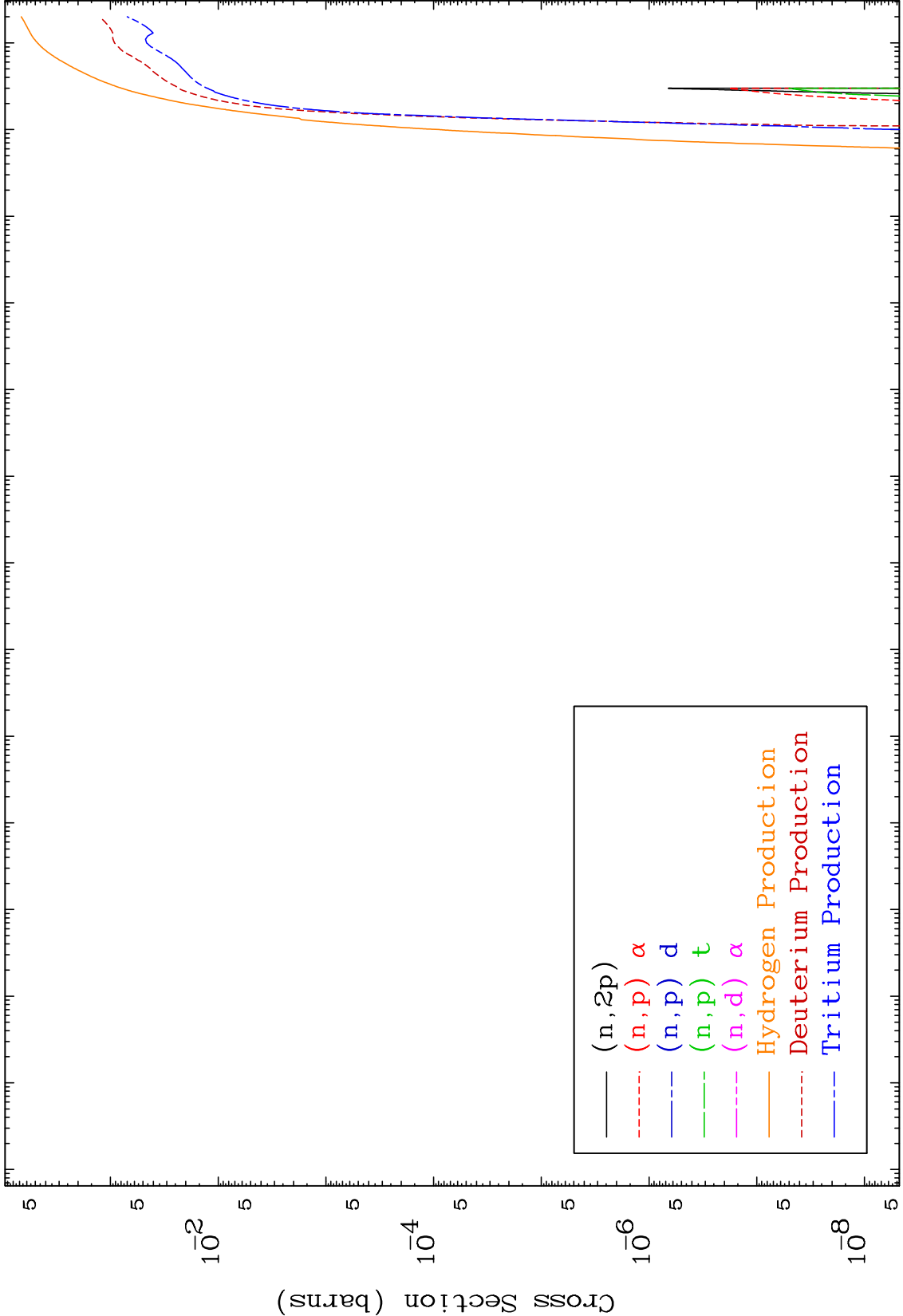
56-Ba-139



Incident Energy (MeV)

56-Ba-139



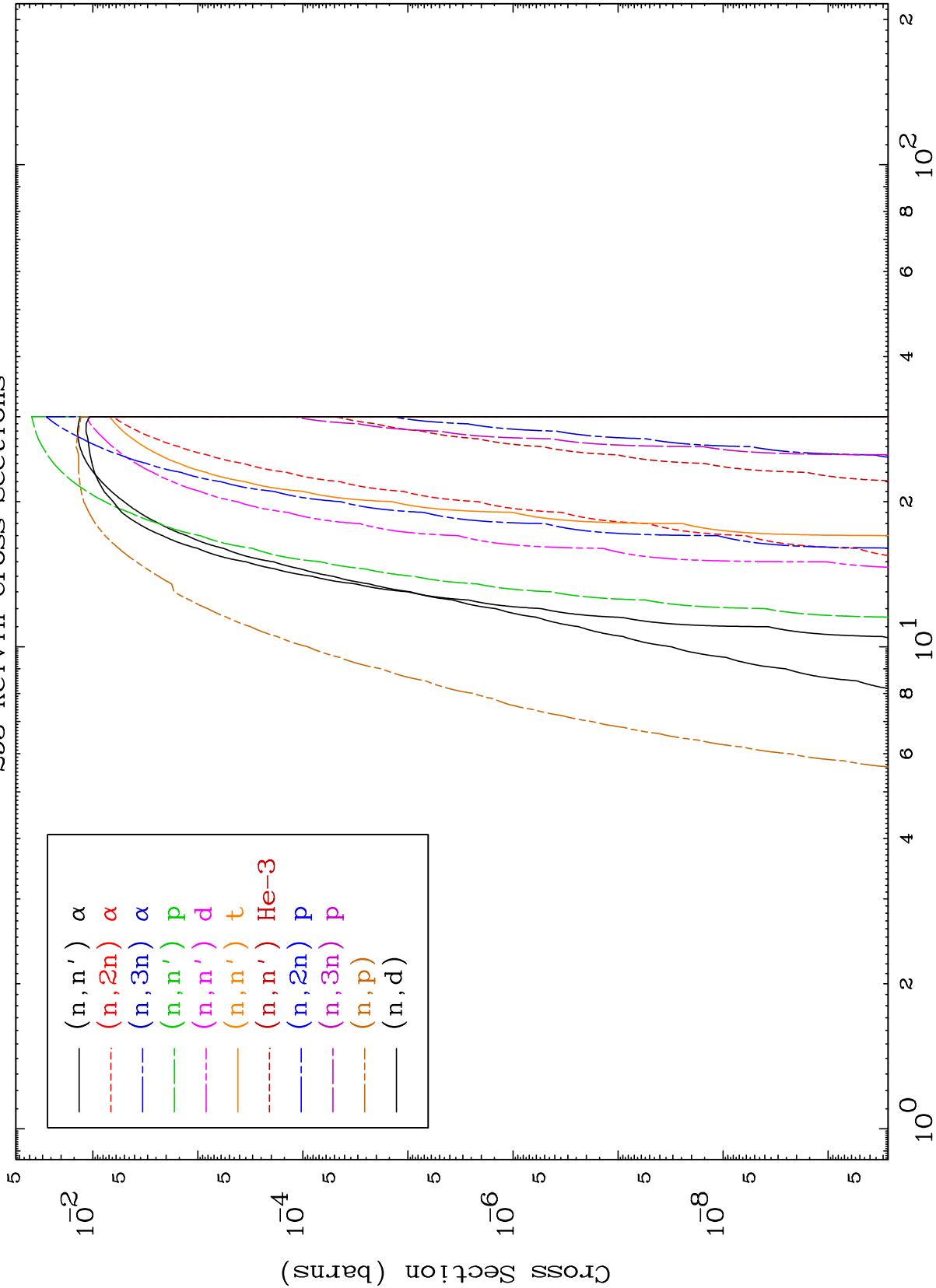


MAT 5652

Charged Particle

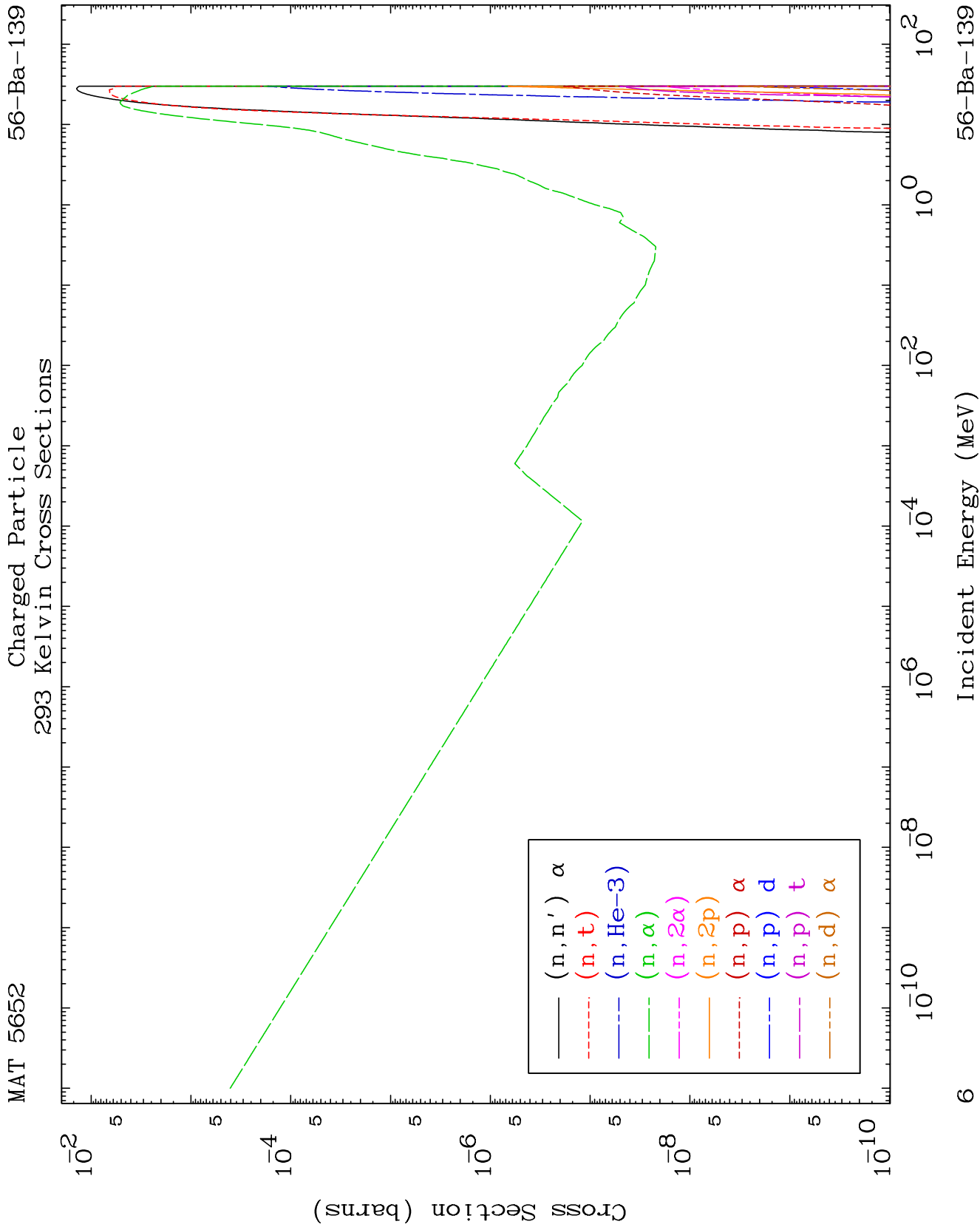
56-Ba-139

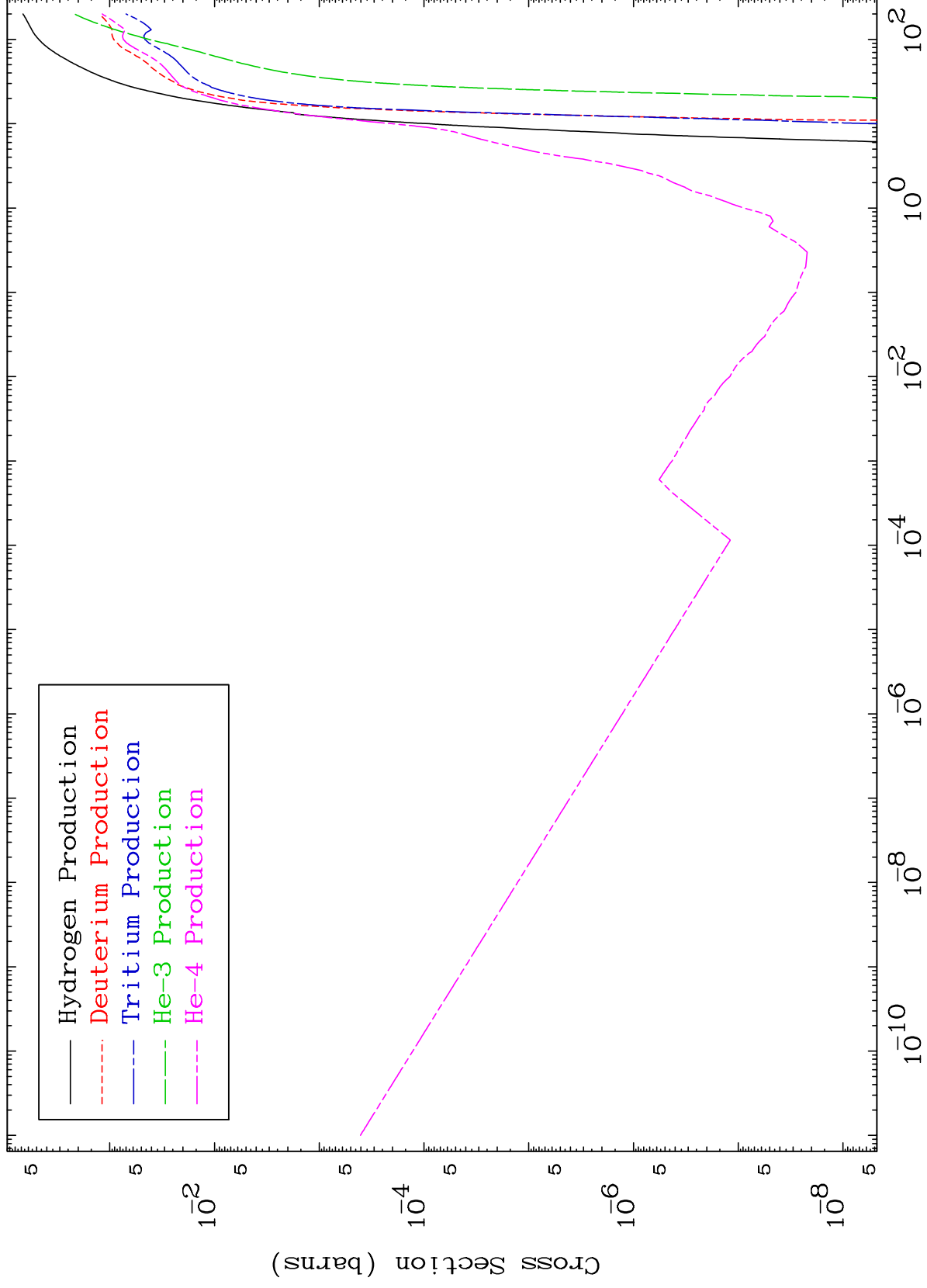
293 Kelvin Cross Sections



Incident Energy (MeV)

56-Ba-139



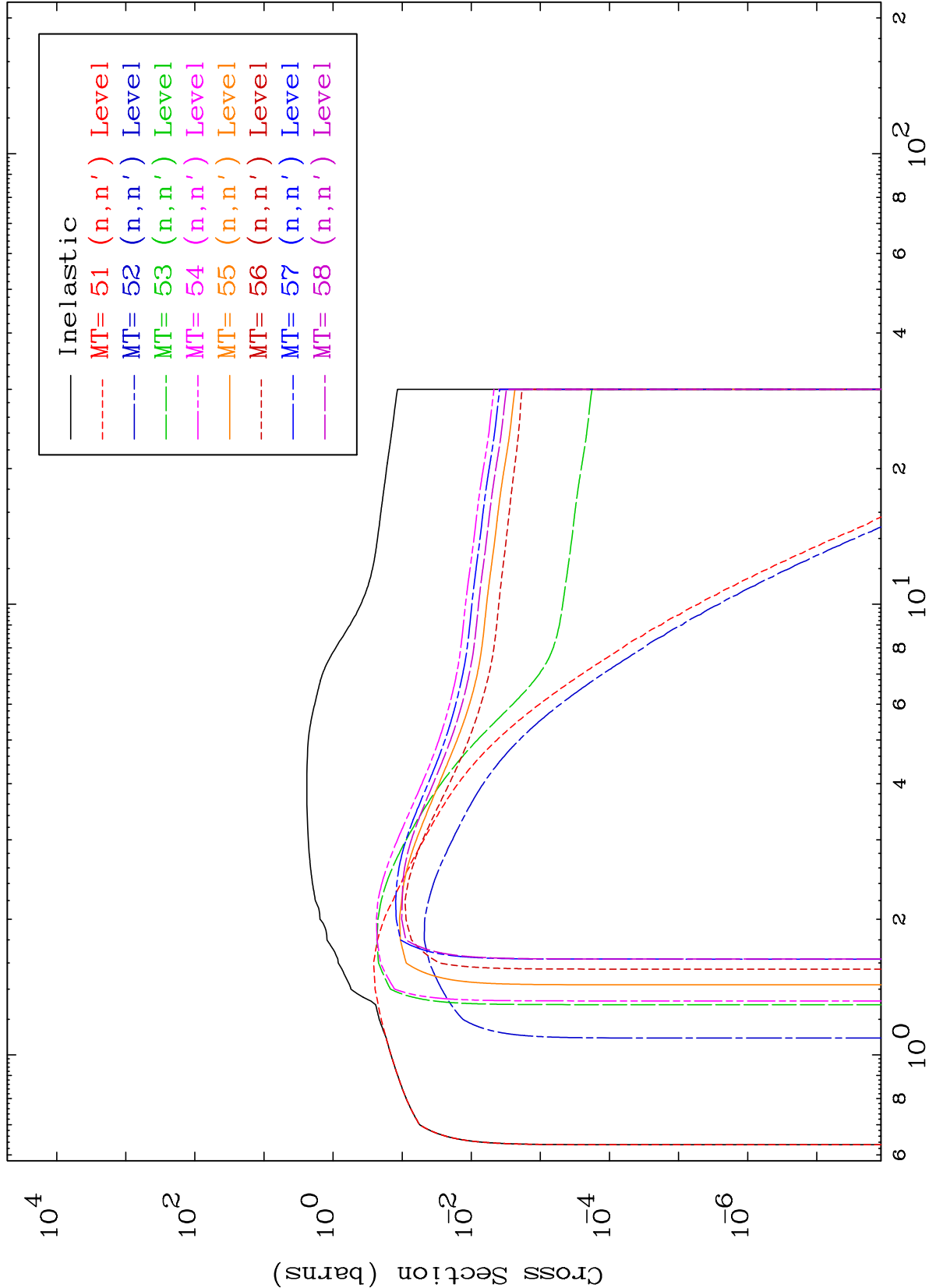


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(n,n') Levels

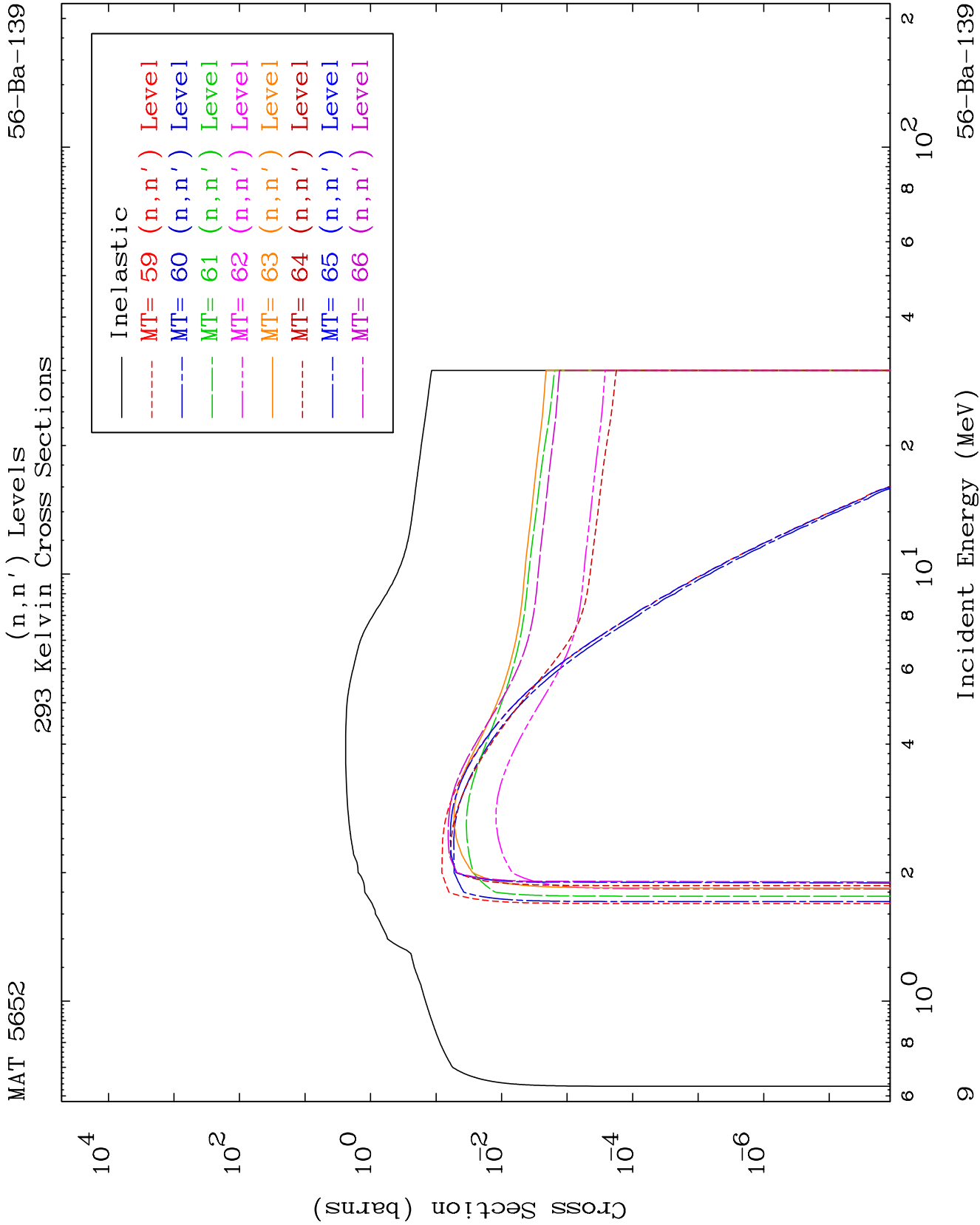
293 Kelvin Cross Sections

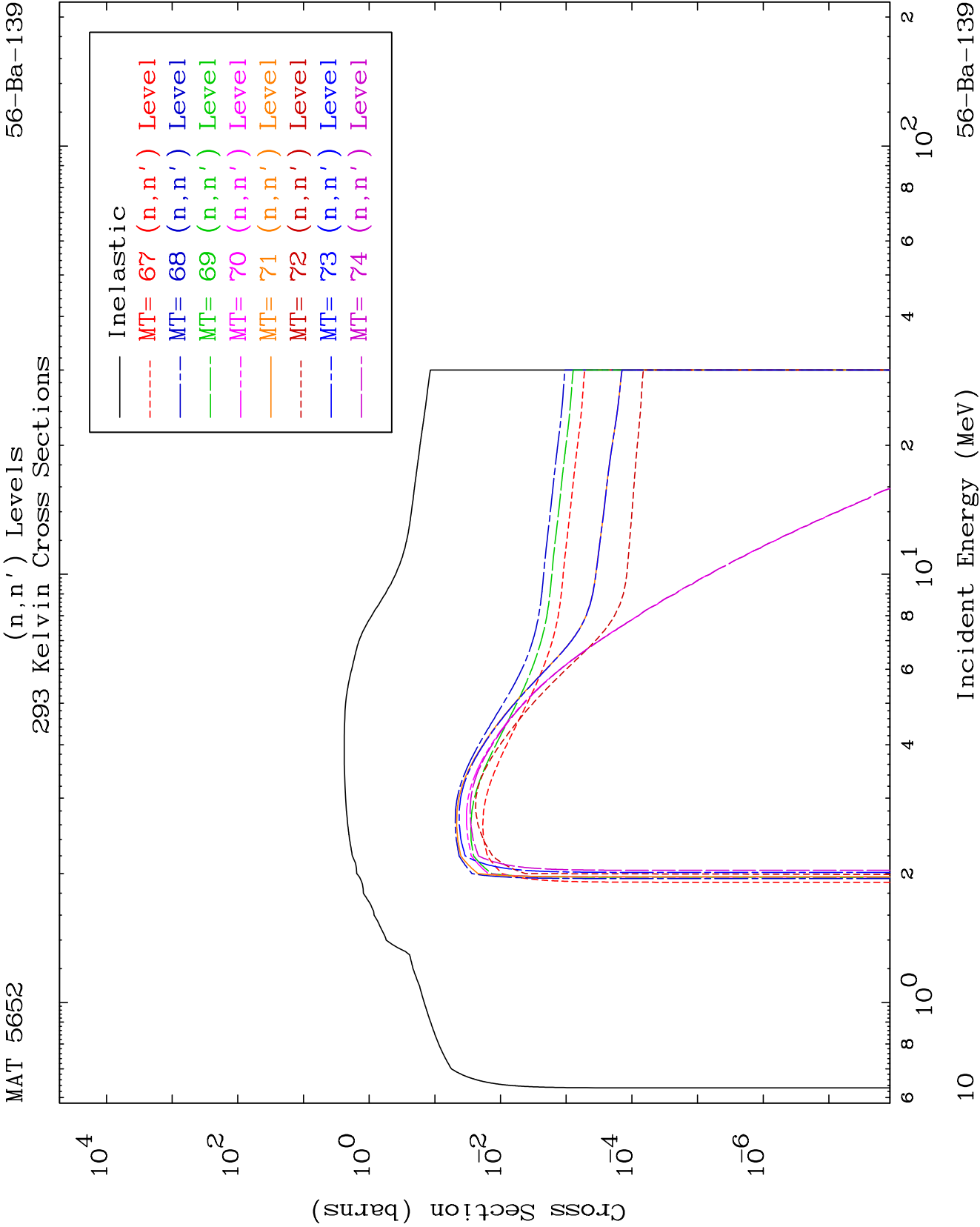
56-Ba-139

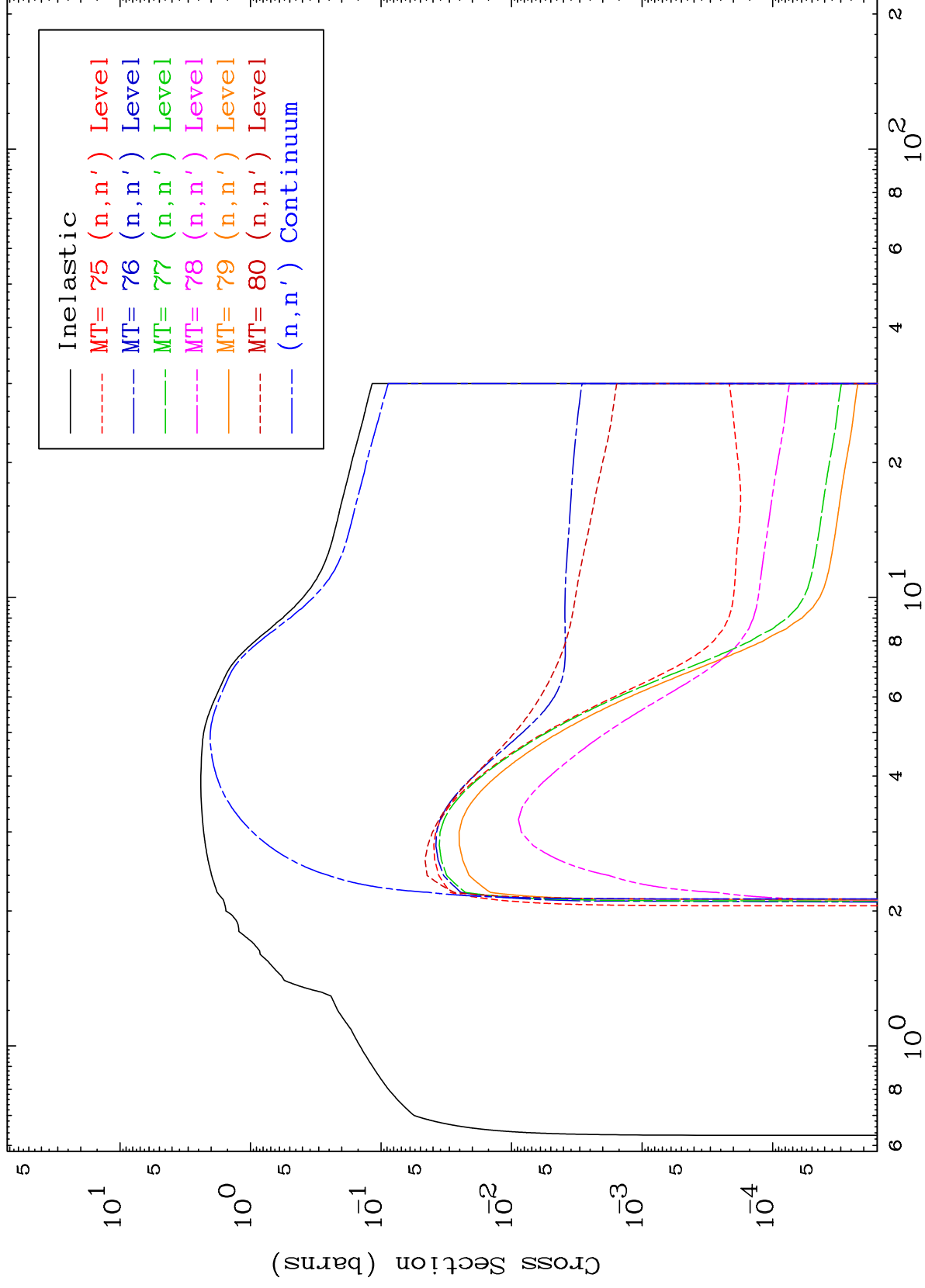


Incident Energy (MeV)

56-Ba-139



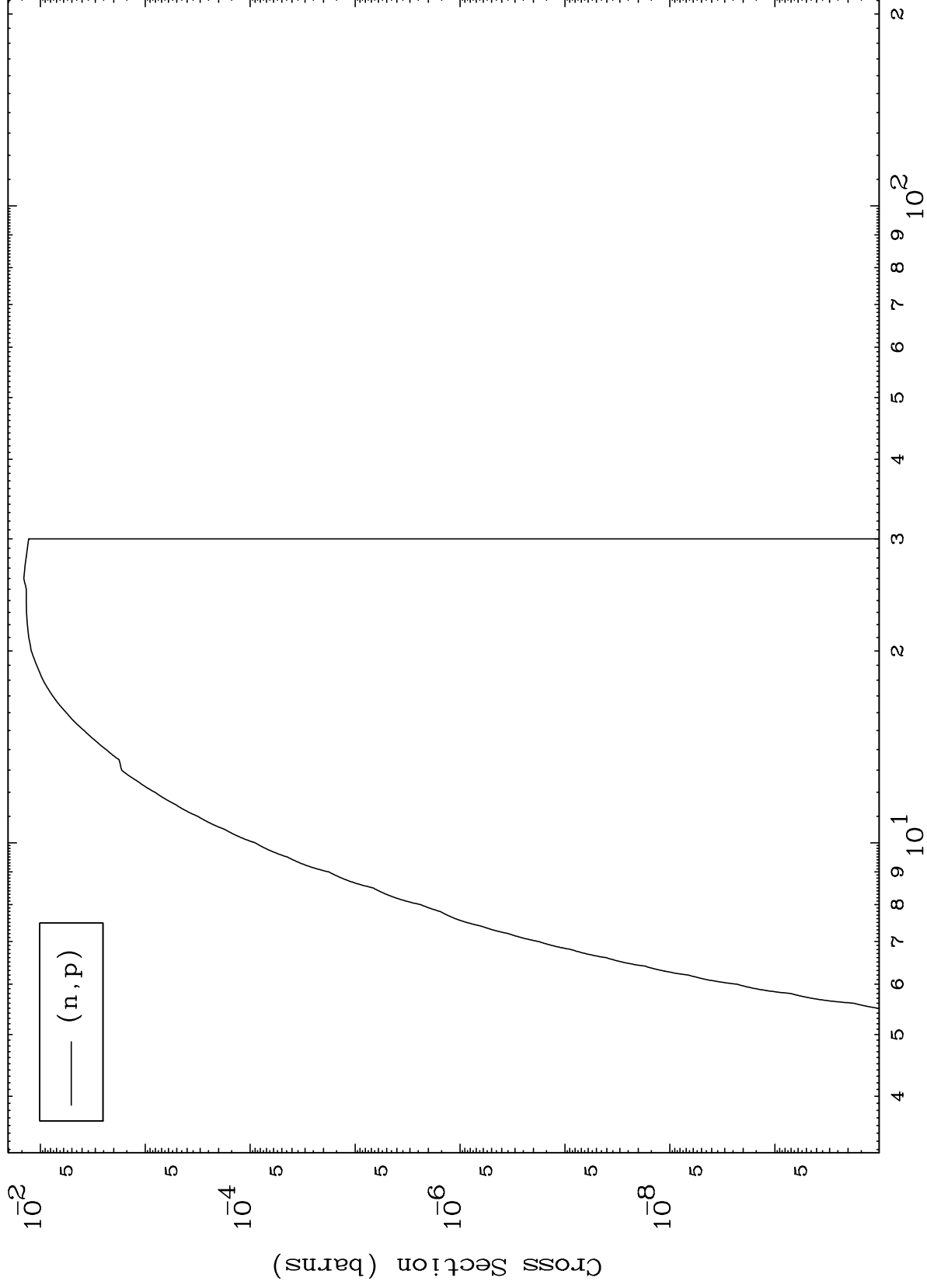




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56-Ba-139

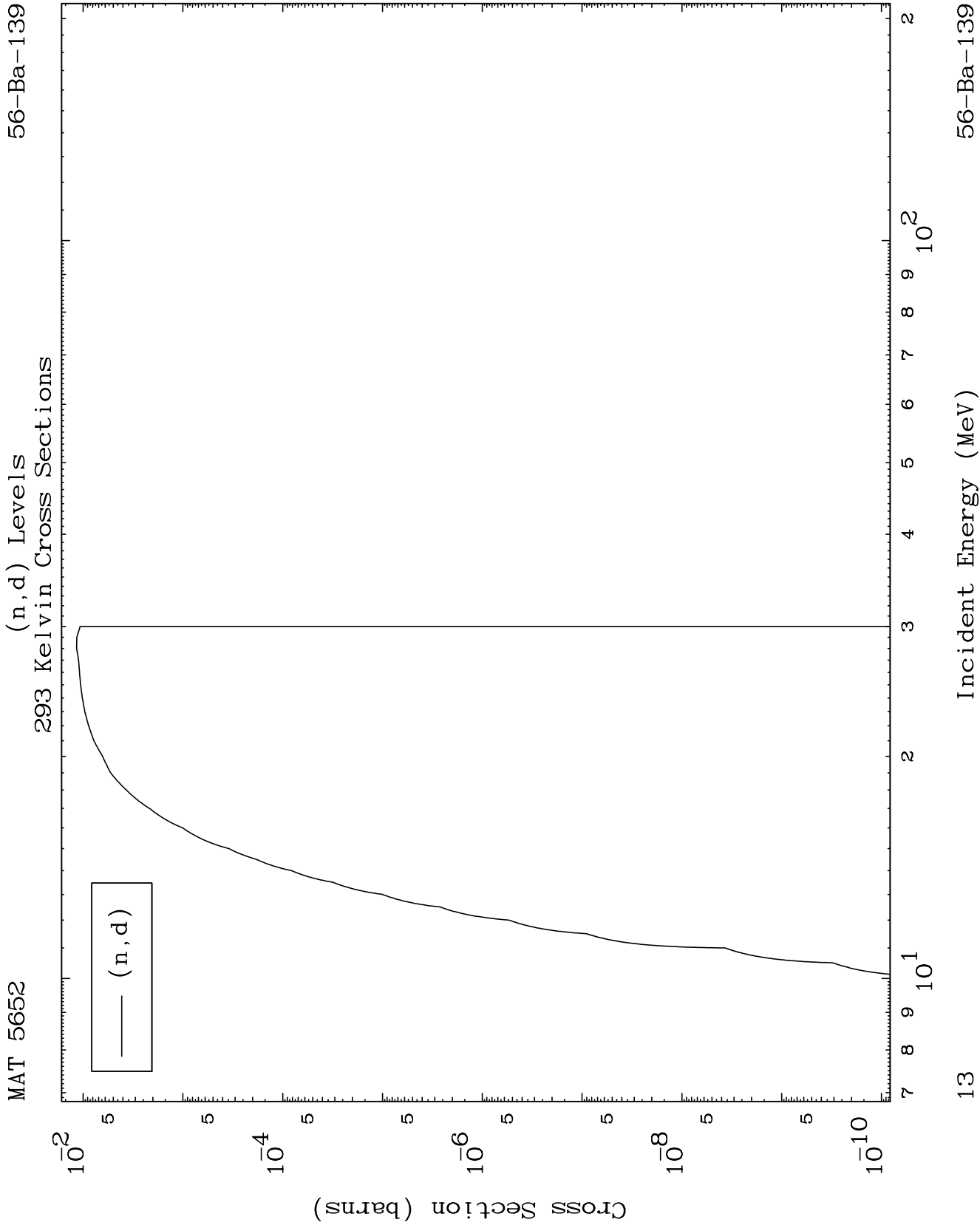
(n,p) Levels
293 Kelvin Cross Sections



56-Ba-139

Incident Energy (MeV)

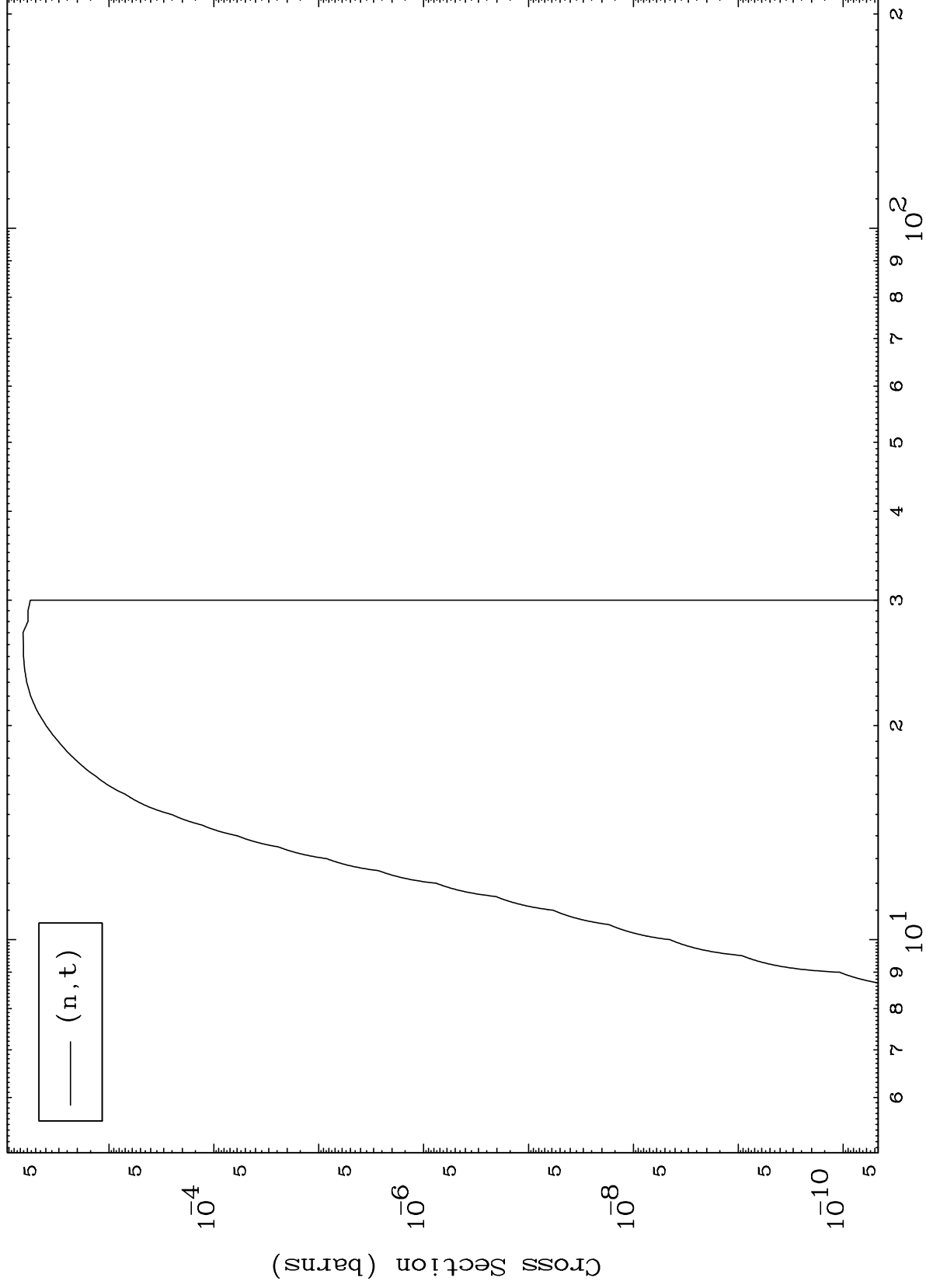
12



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56-Ba-139

(n,t) Levels
293 Kelvin Cross Sections



56-Ba-139

Incident Energy (MeV)

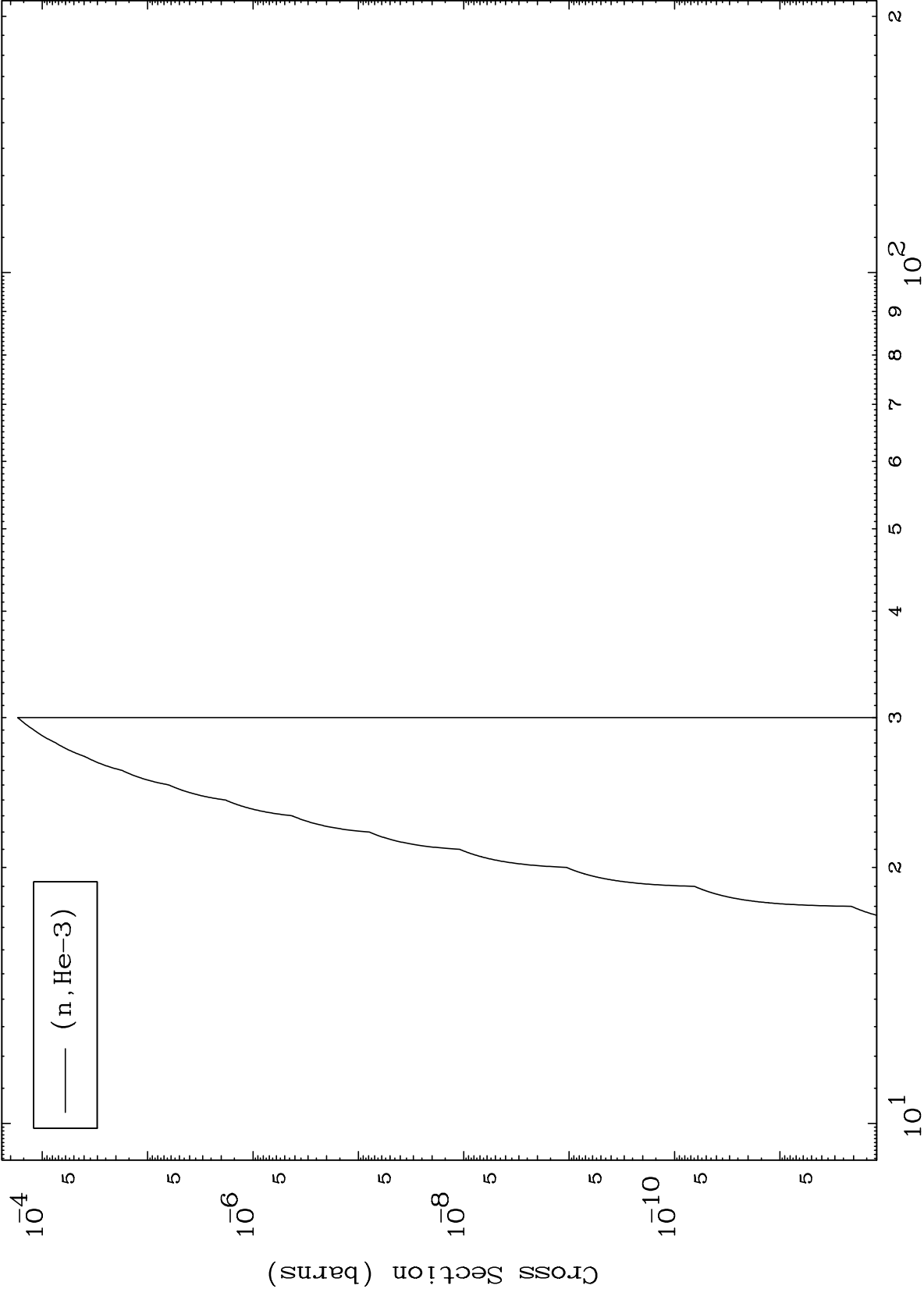
14

MAT 5652

(n,He3) Levels

56-Ba-139

293 Kelvin Cross Sections



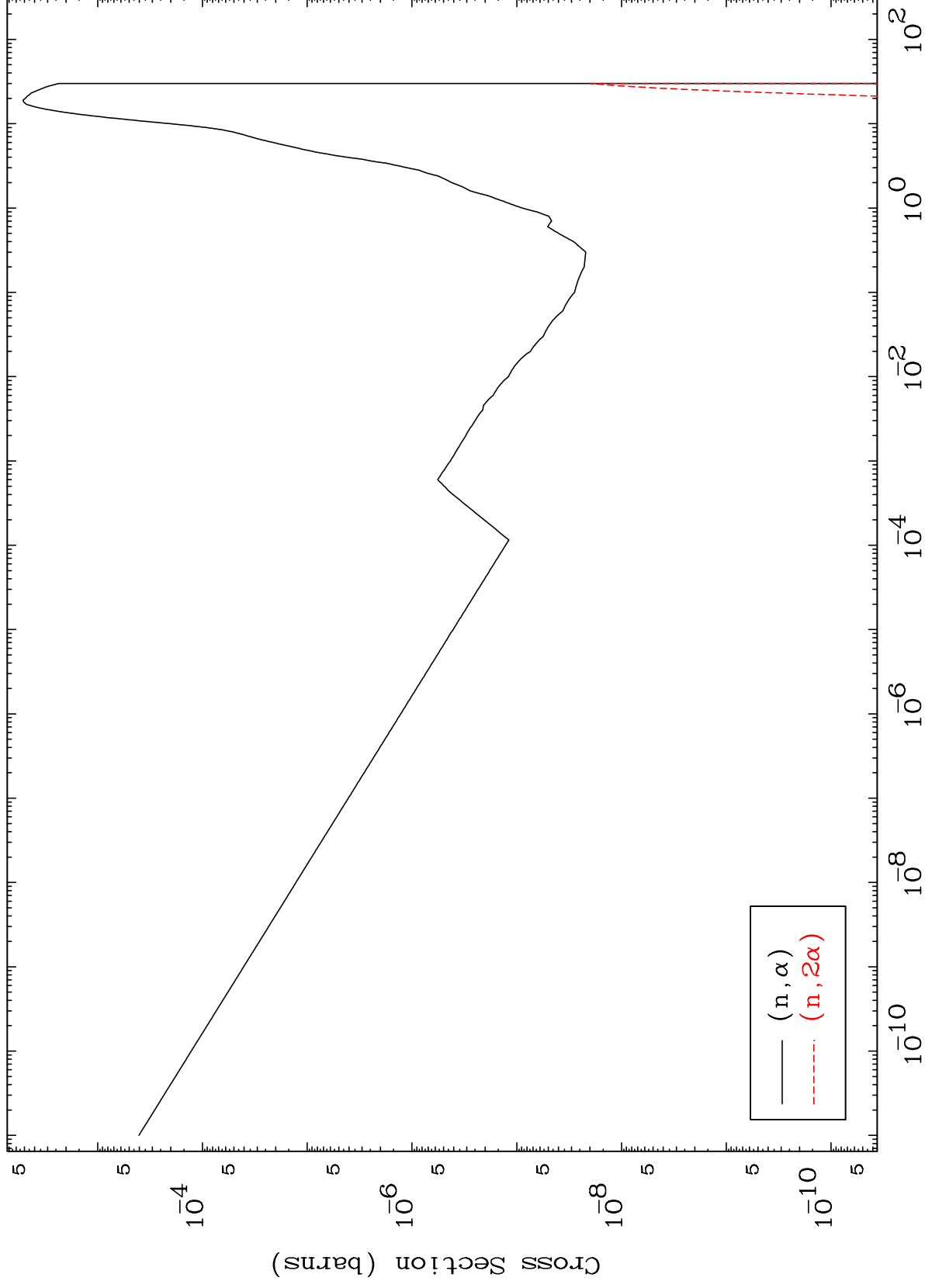
Incident Energy (MeV)

56-Ba-139

MAT 5652

(n, α) Levels
293 Kelvin Cross Sections

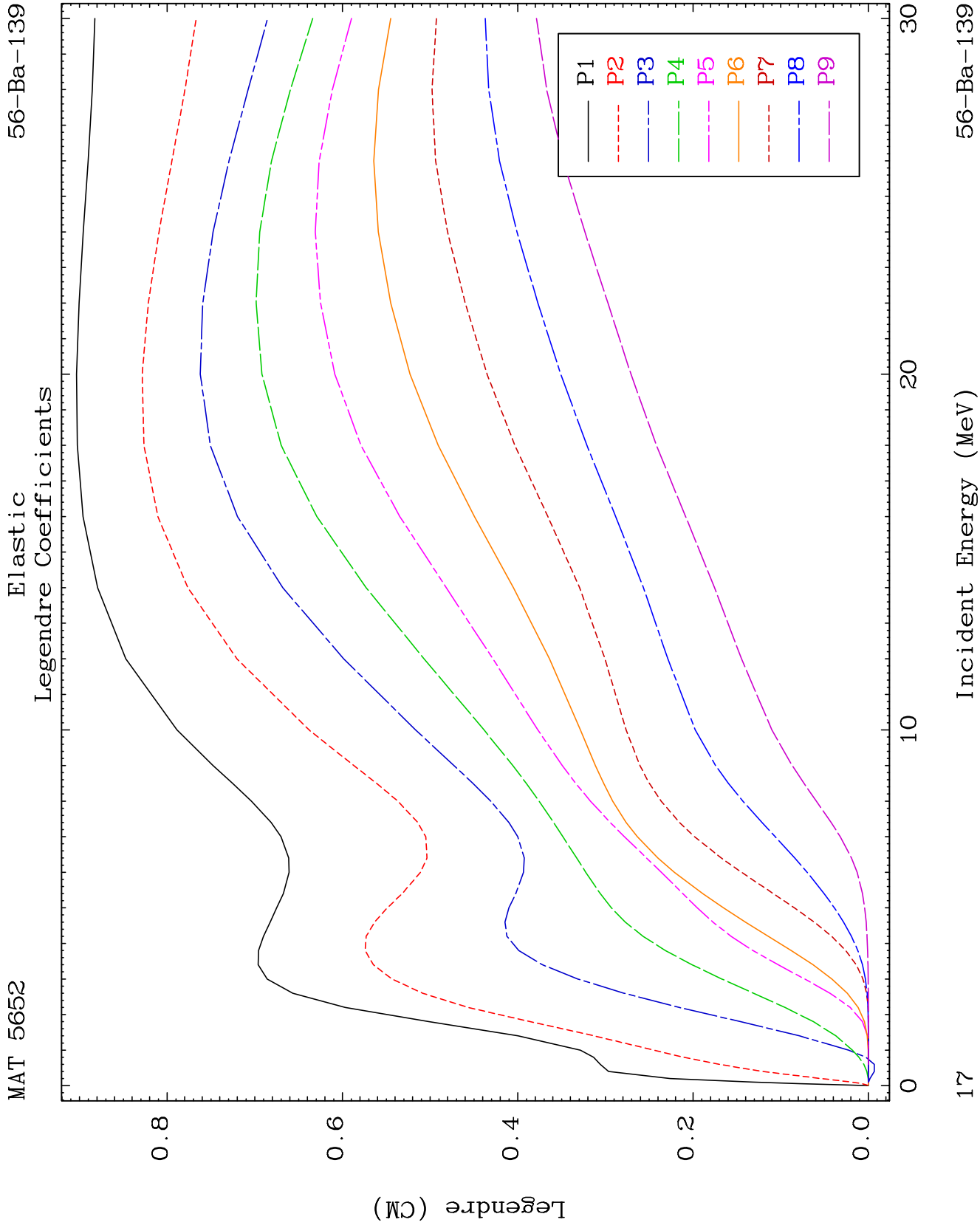
56-Ba-139

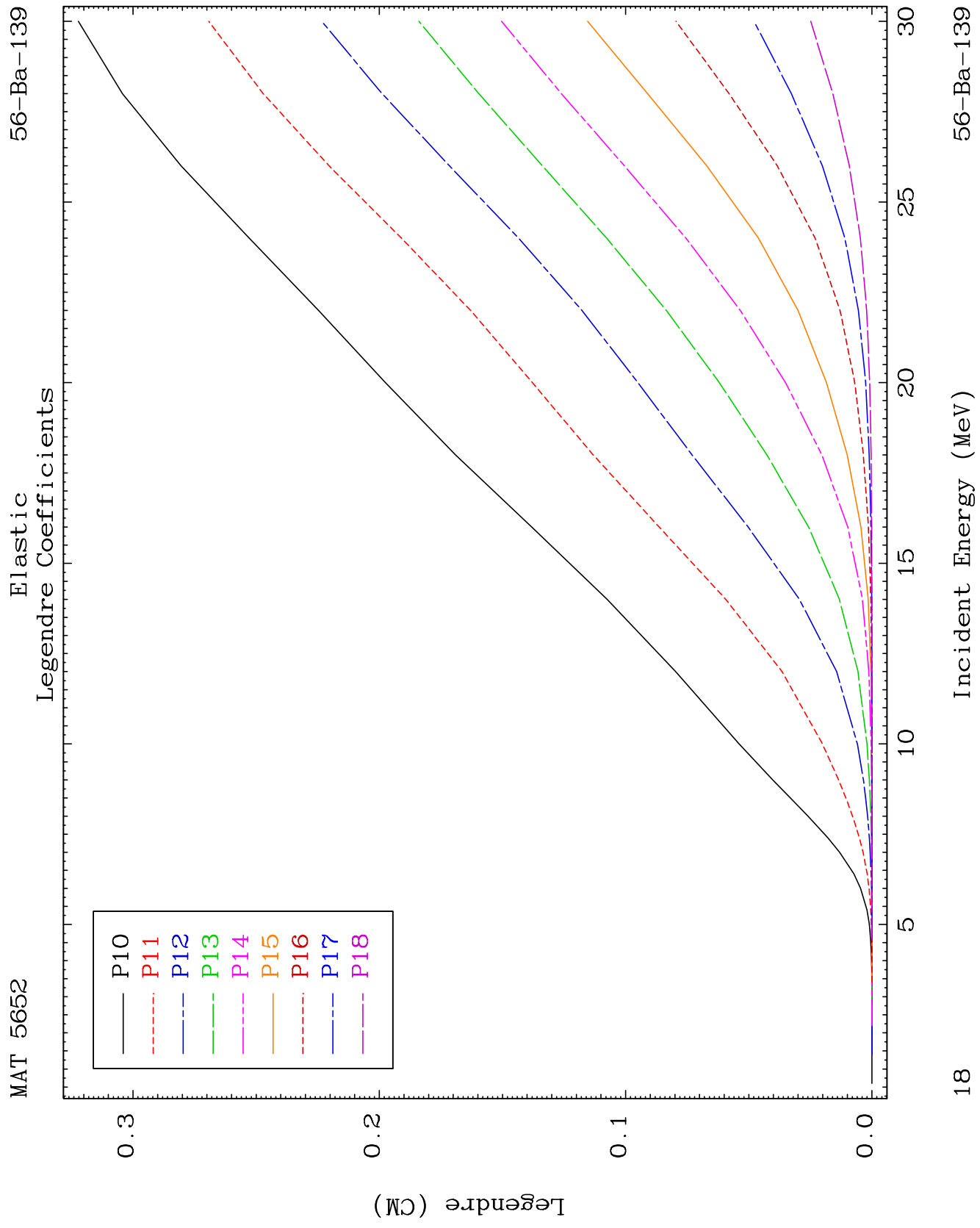


16

Incident Energy (MeV)

56-Ba-139

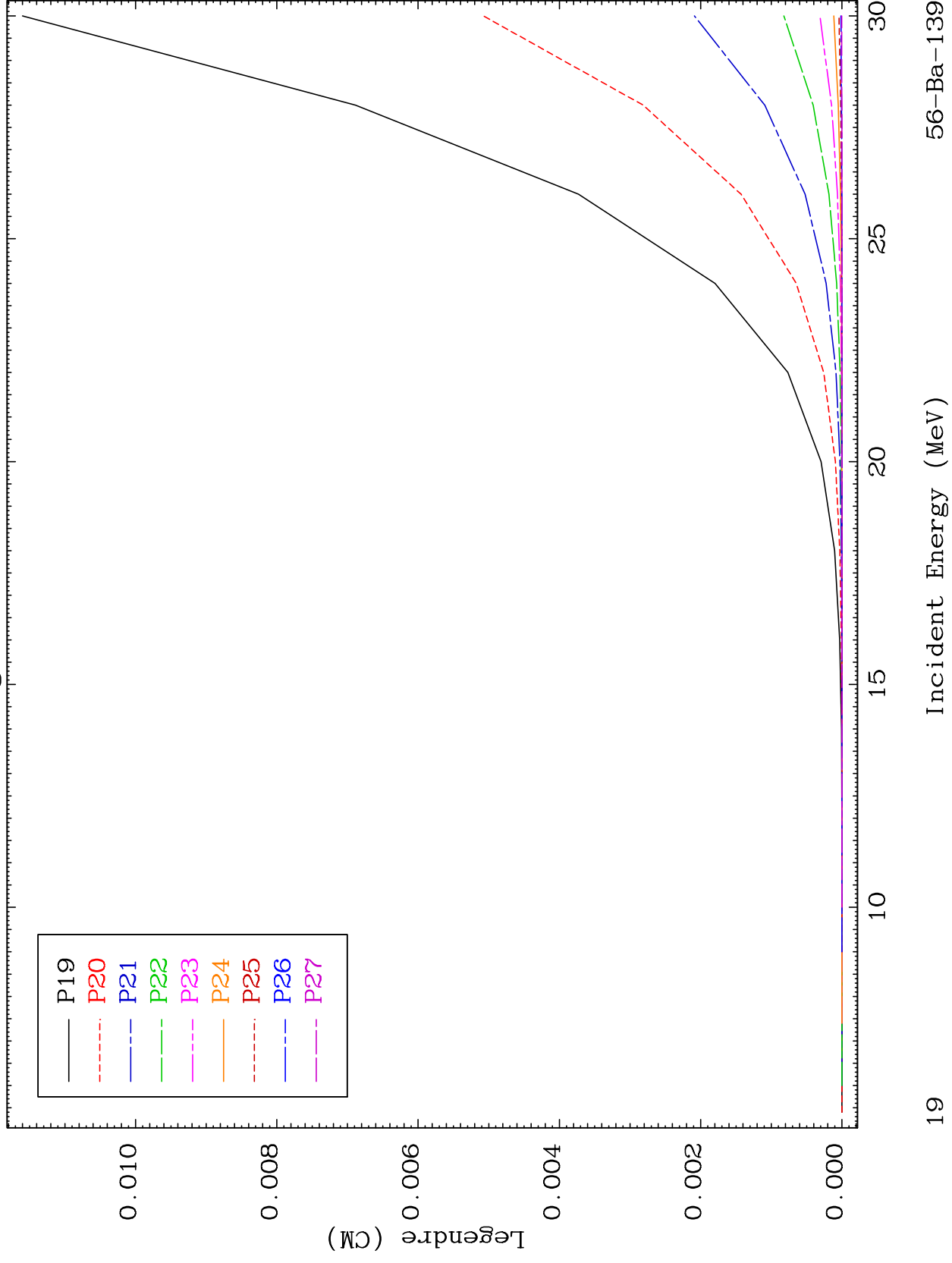


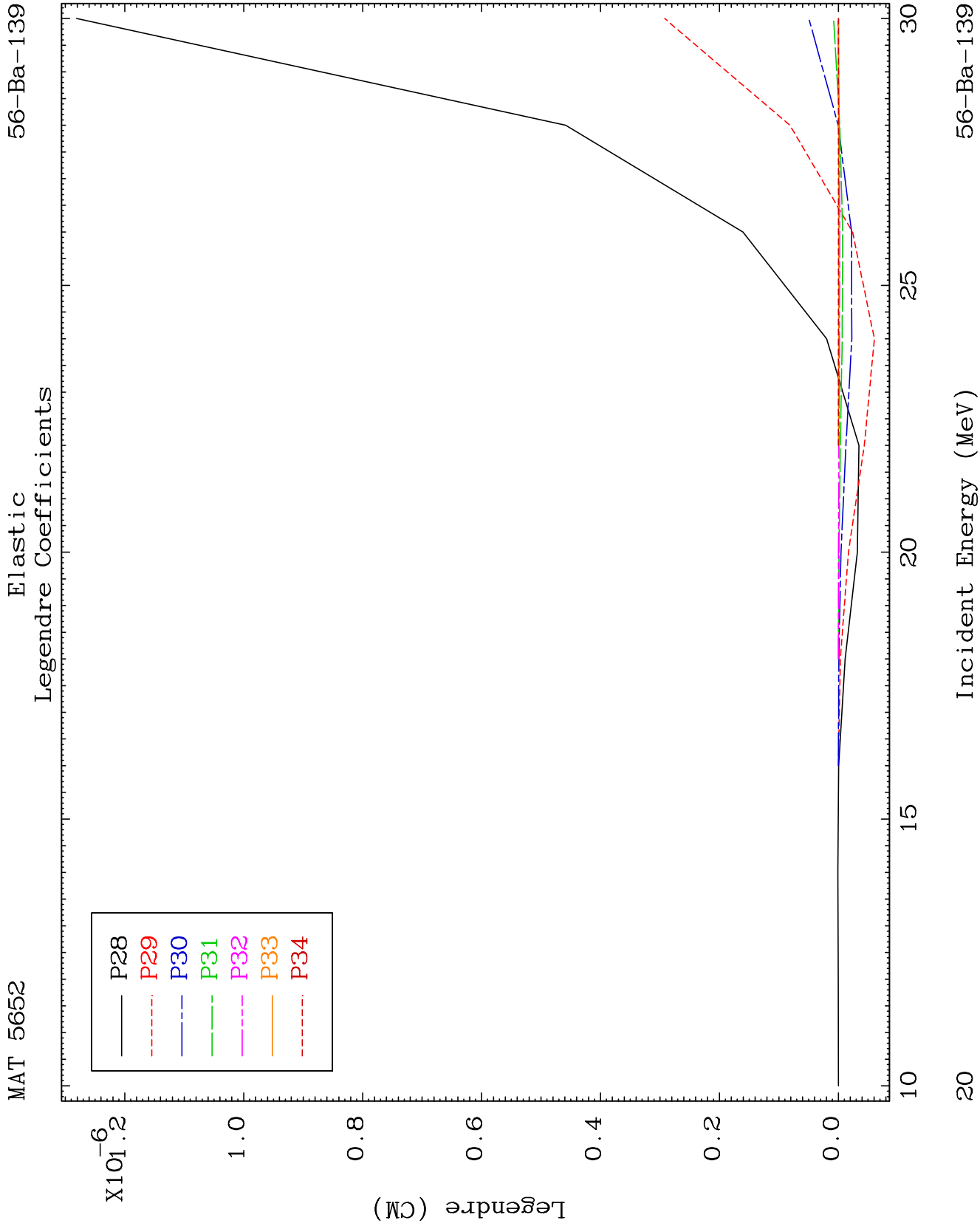


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Elastic Legendre Coefficients

56-Ba-139

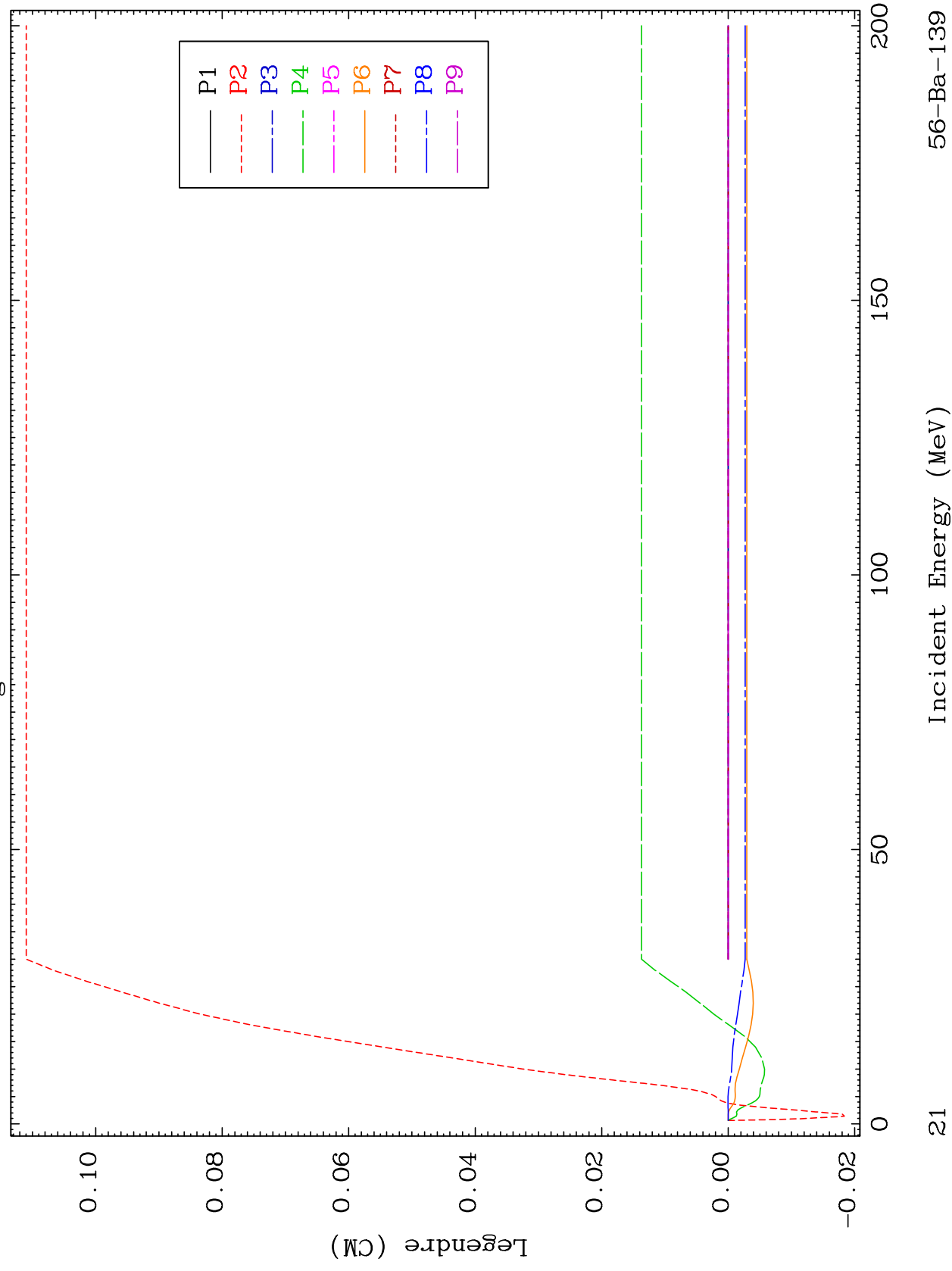


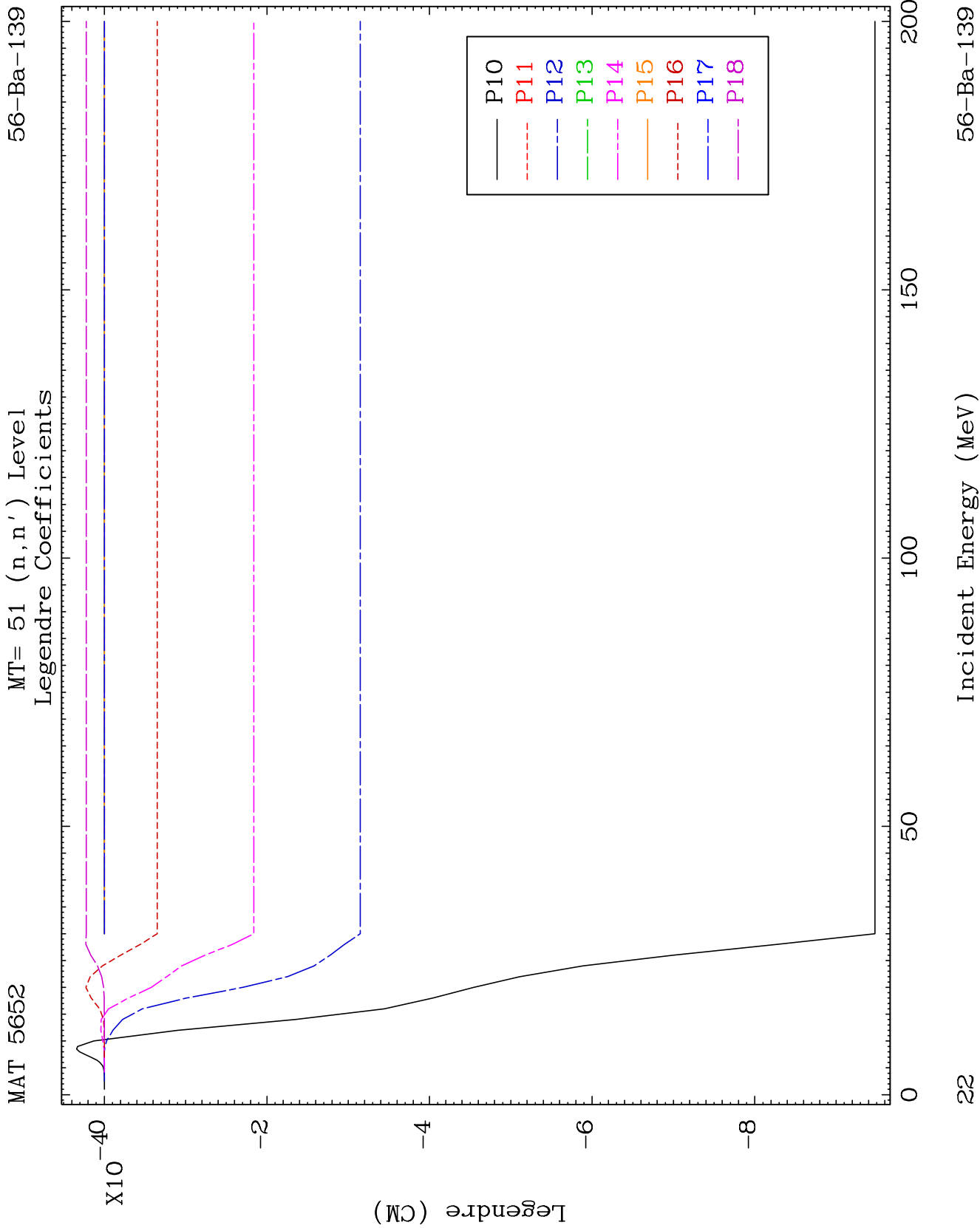


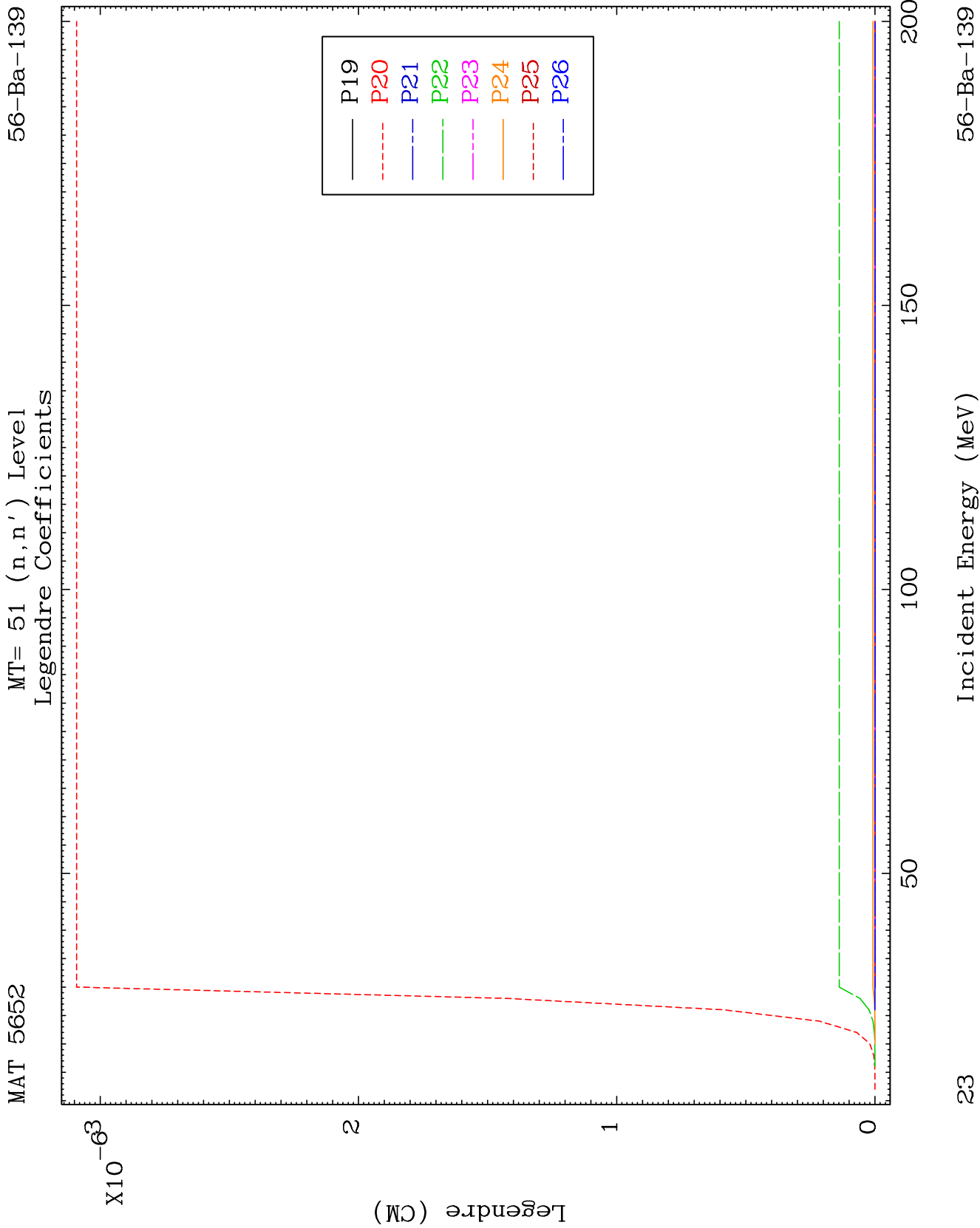
MAT 5652

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

56-Ba-139



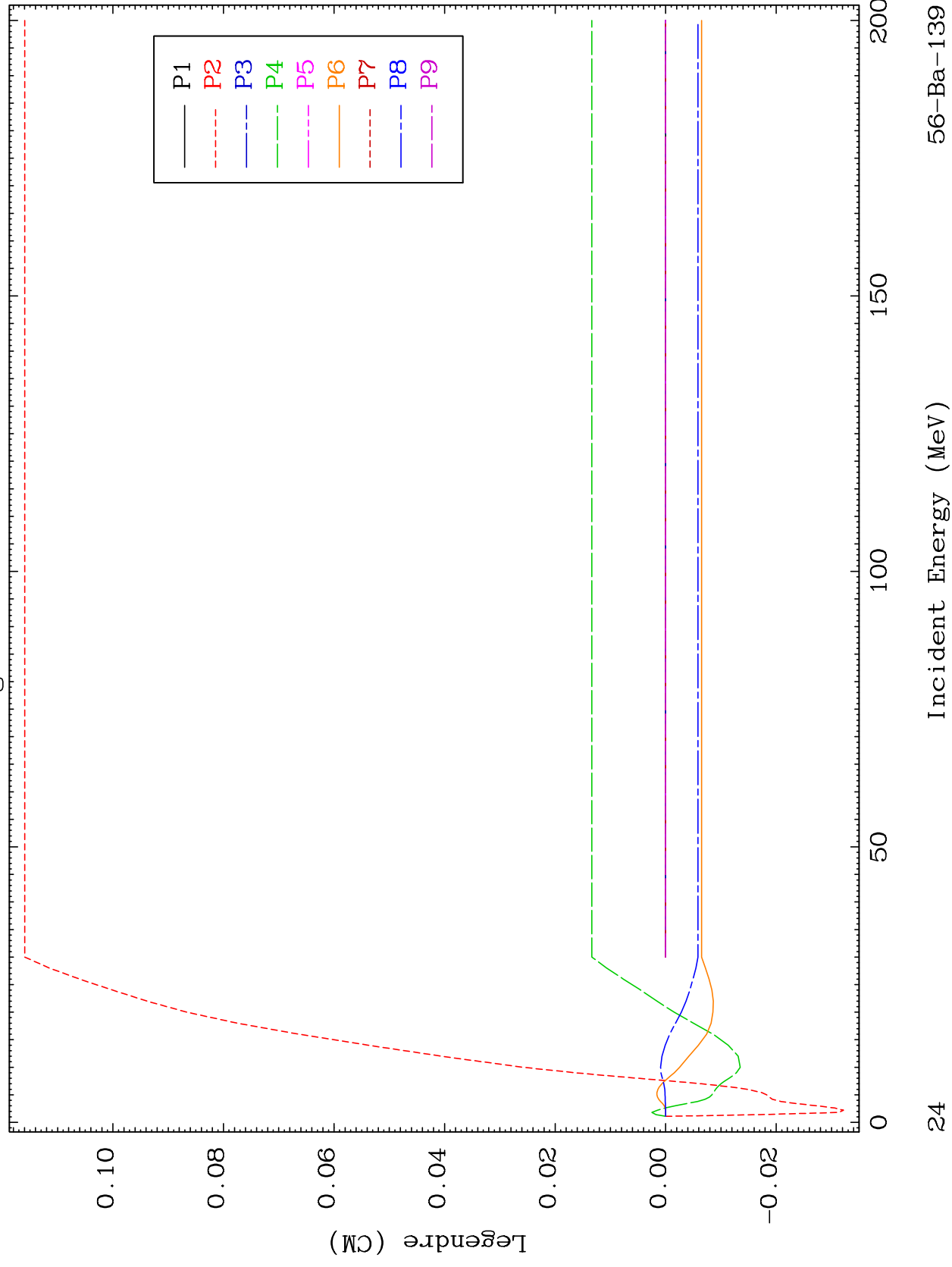


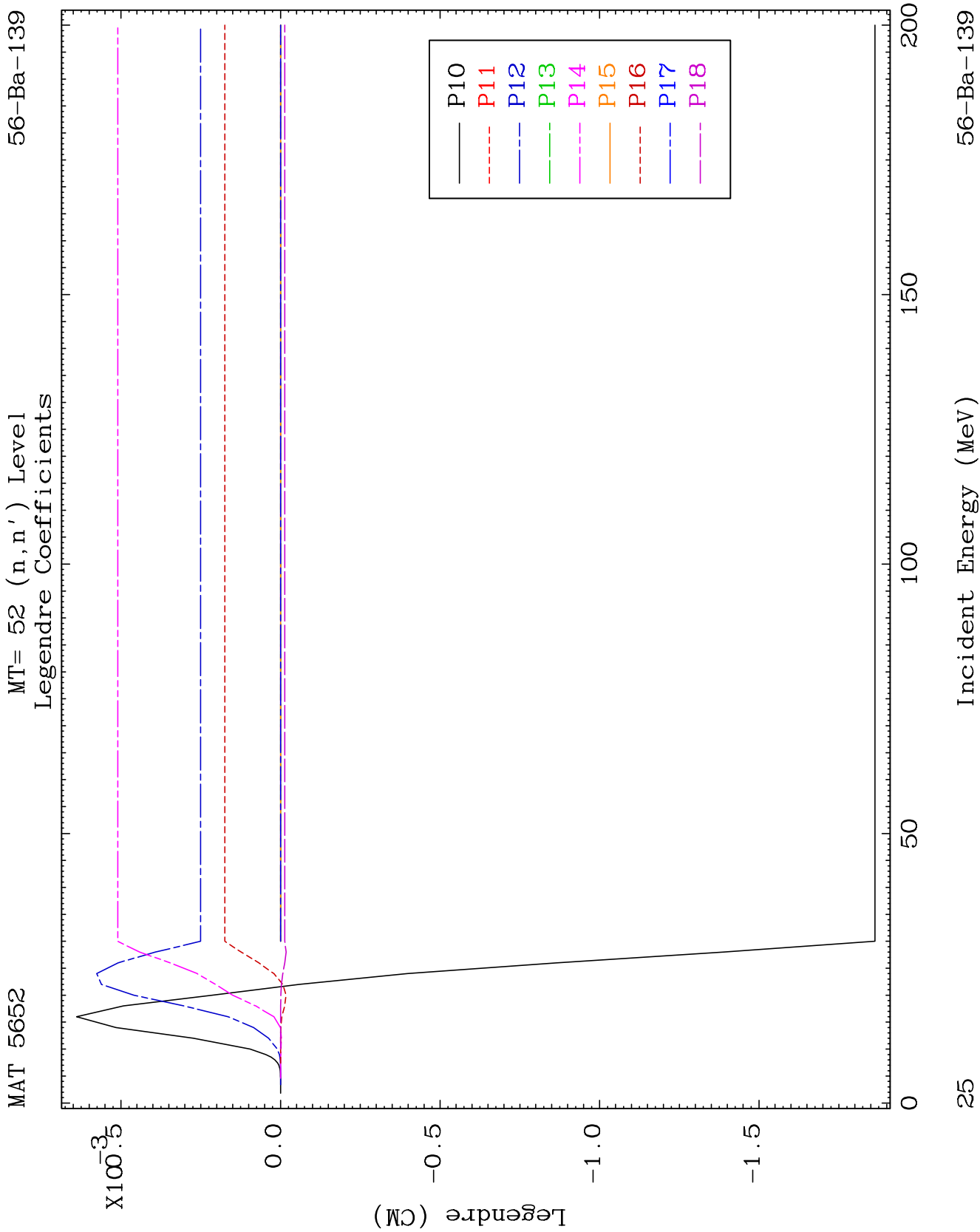


MAT 5652

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

56-Ba-139

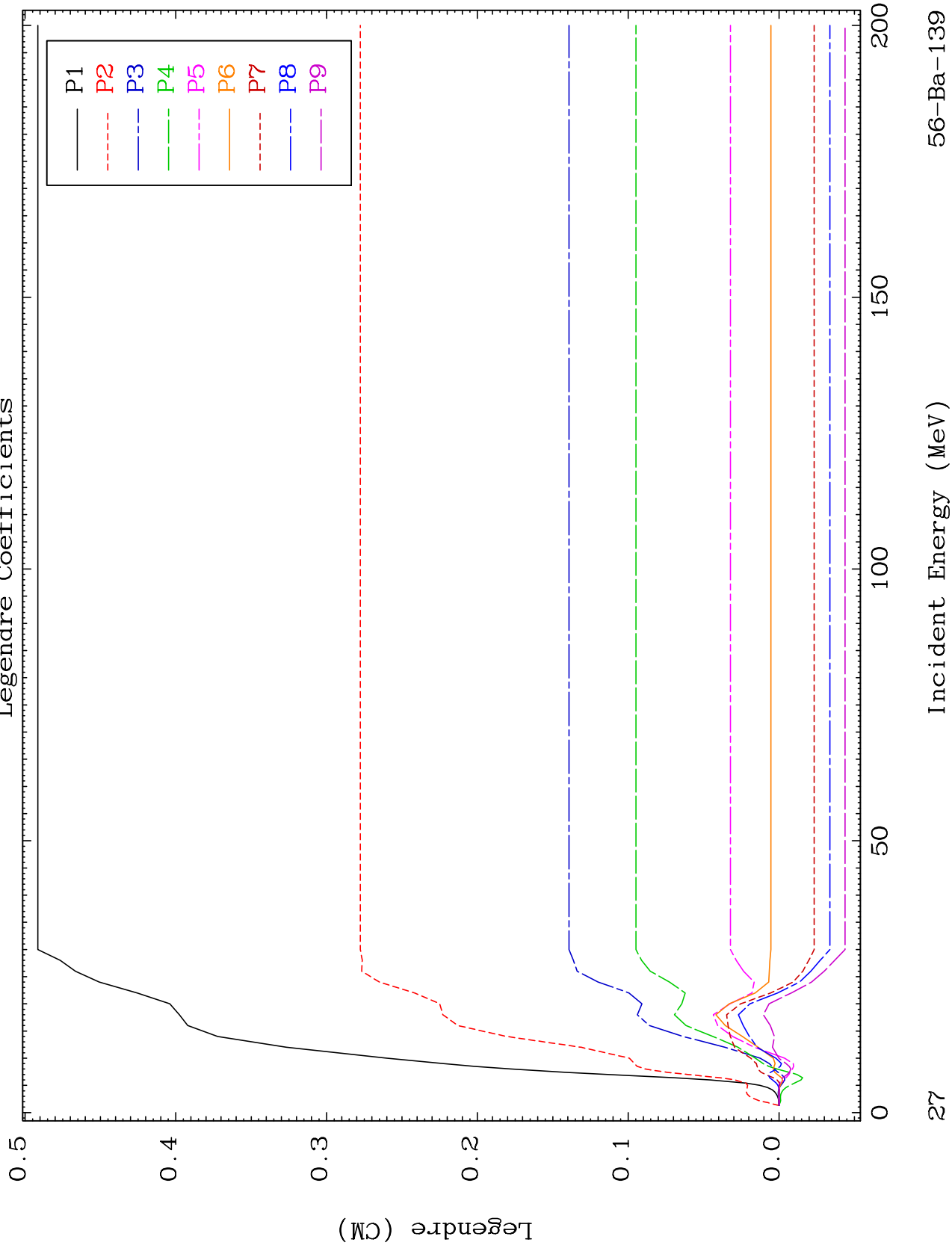


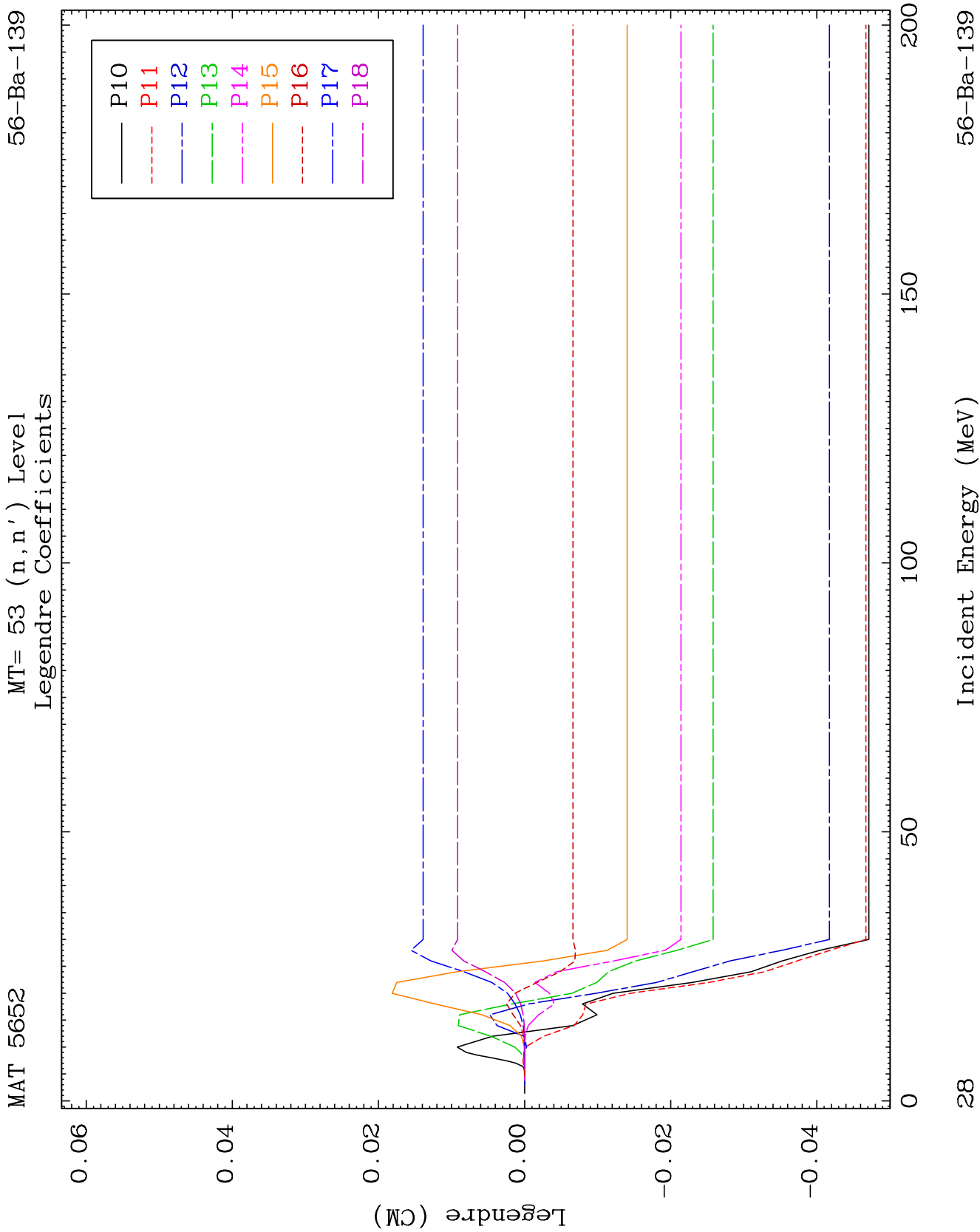


MAT 5652

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

56-Ba-139

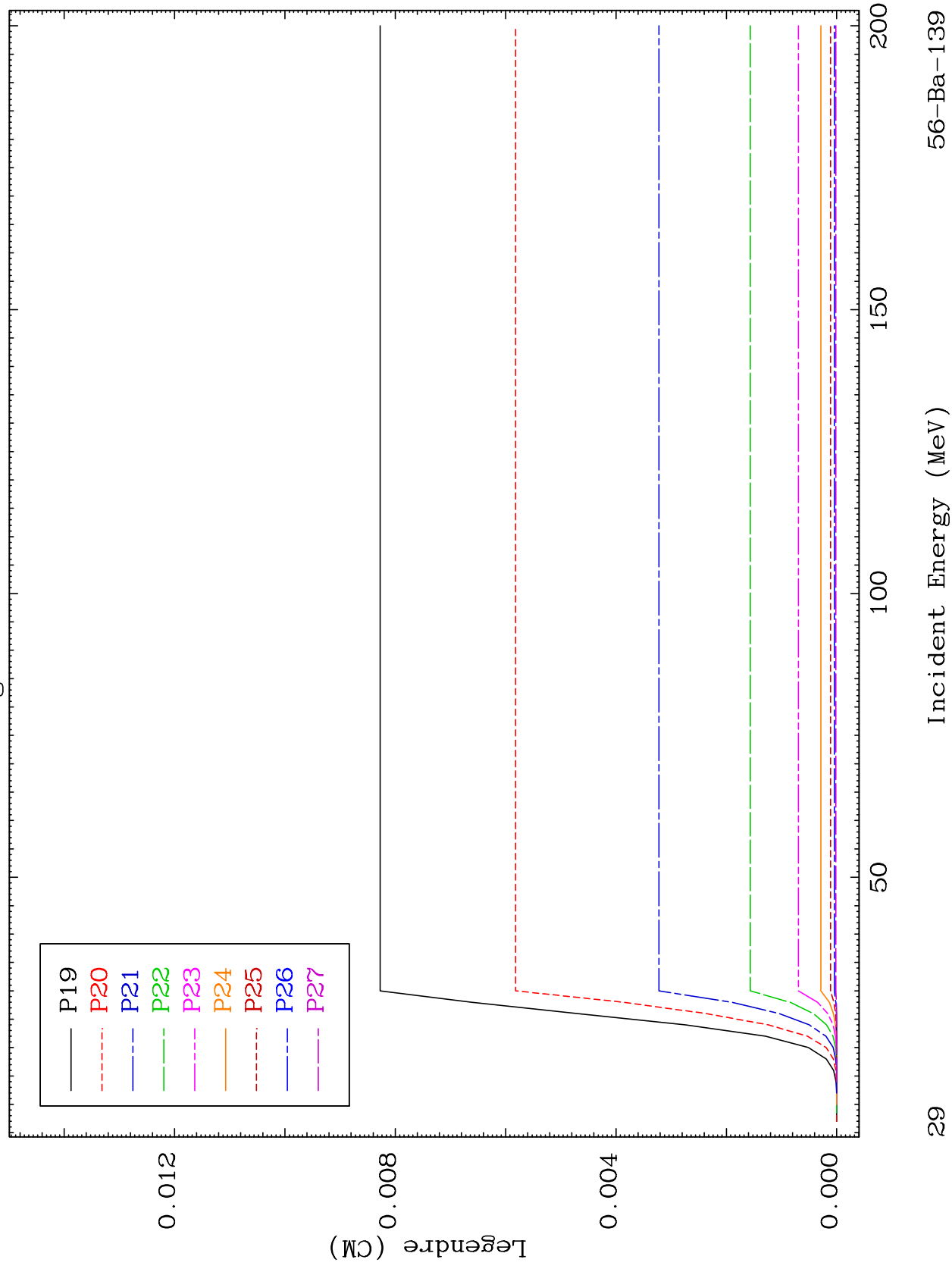


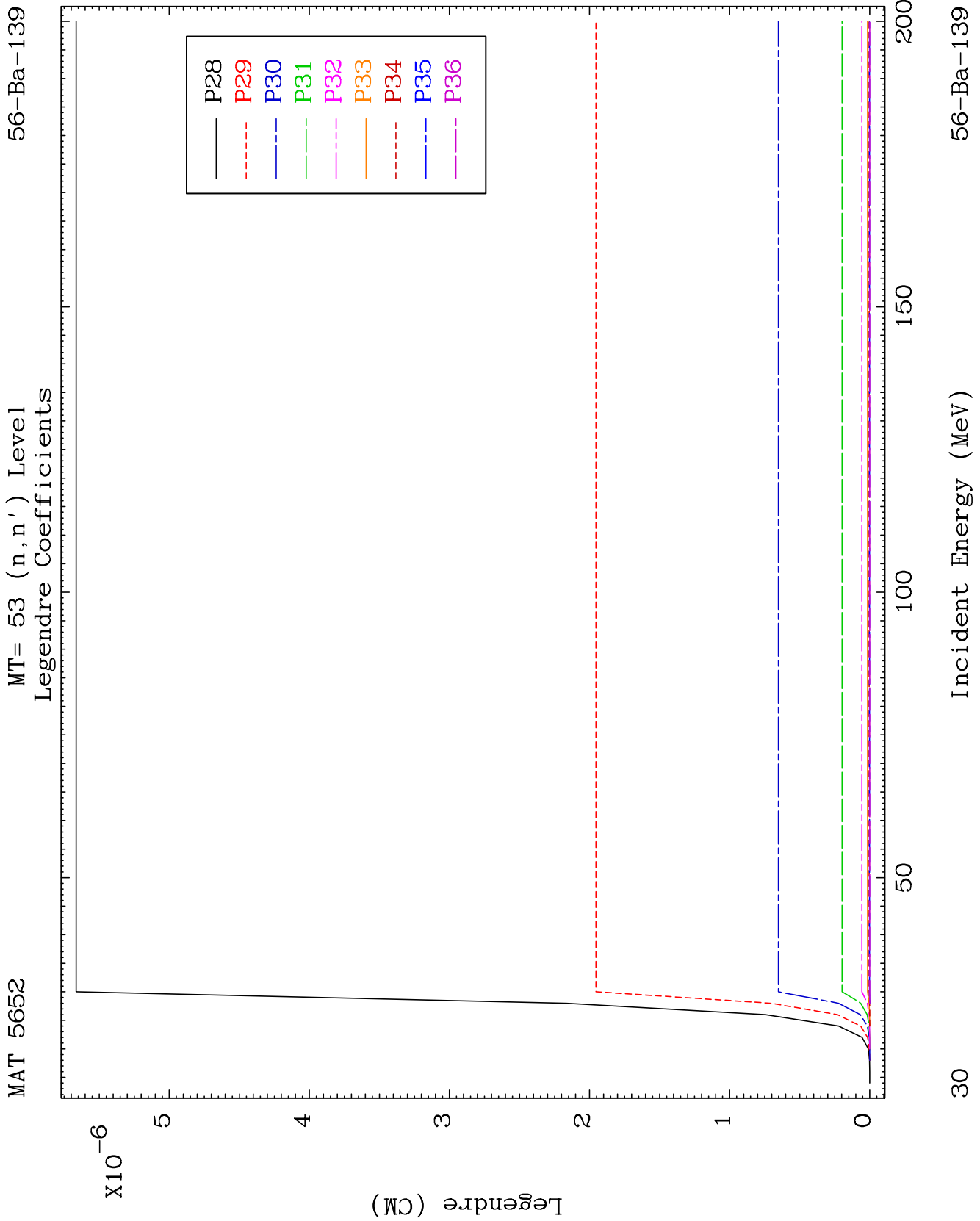


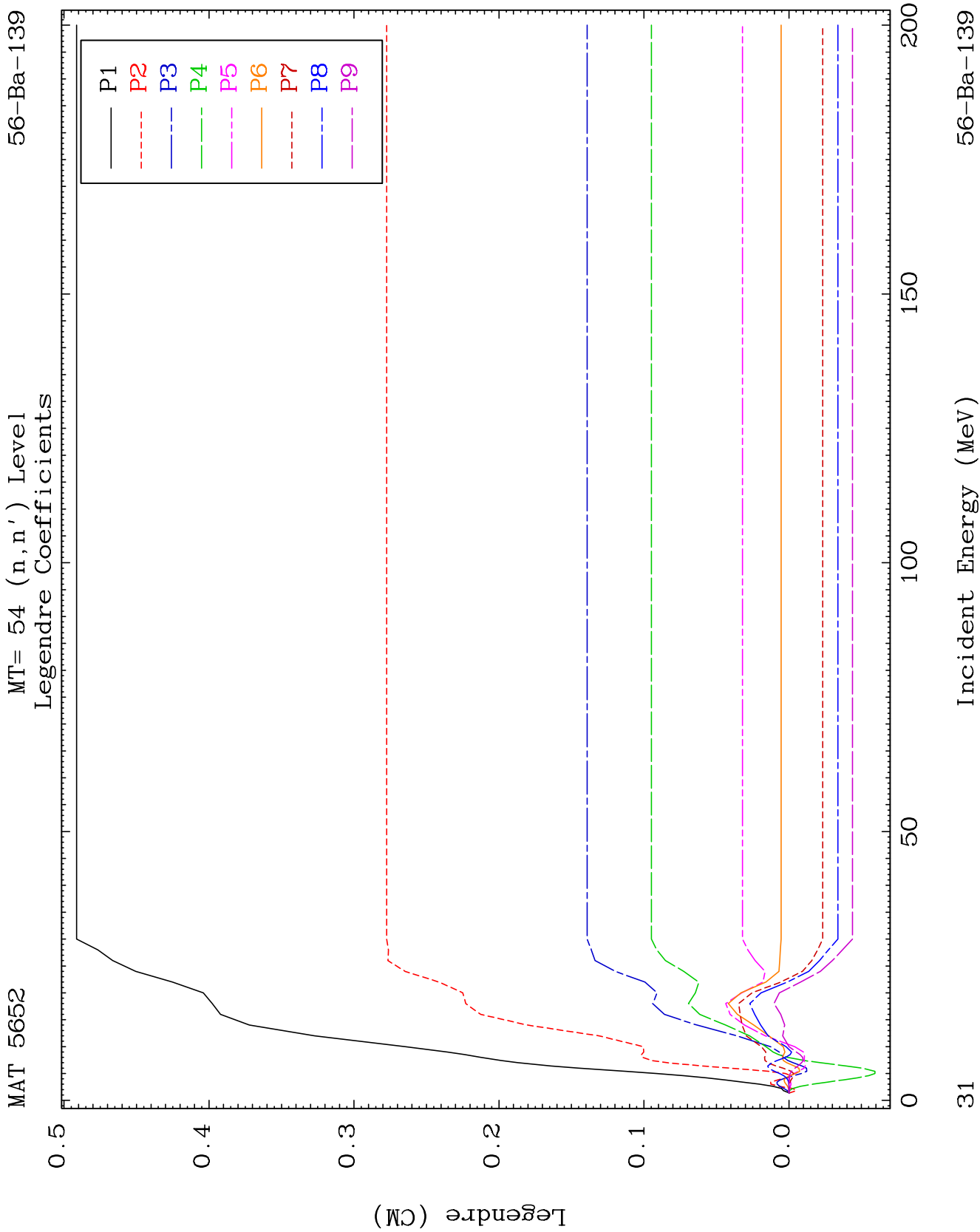
MAT 5652

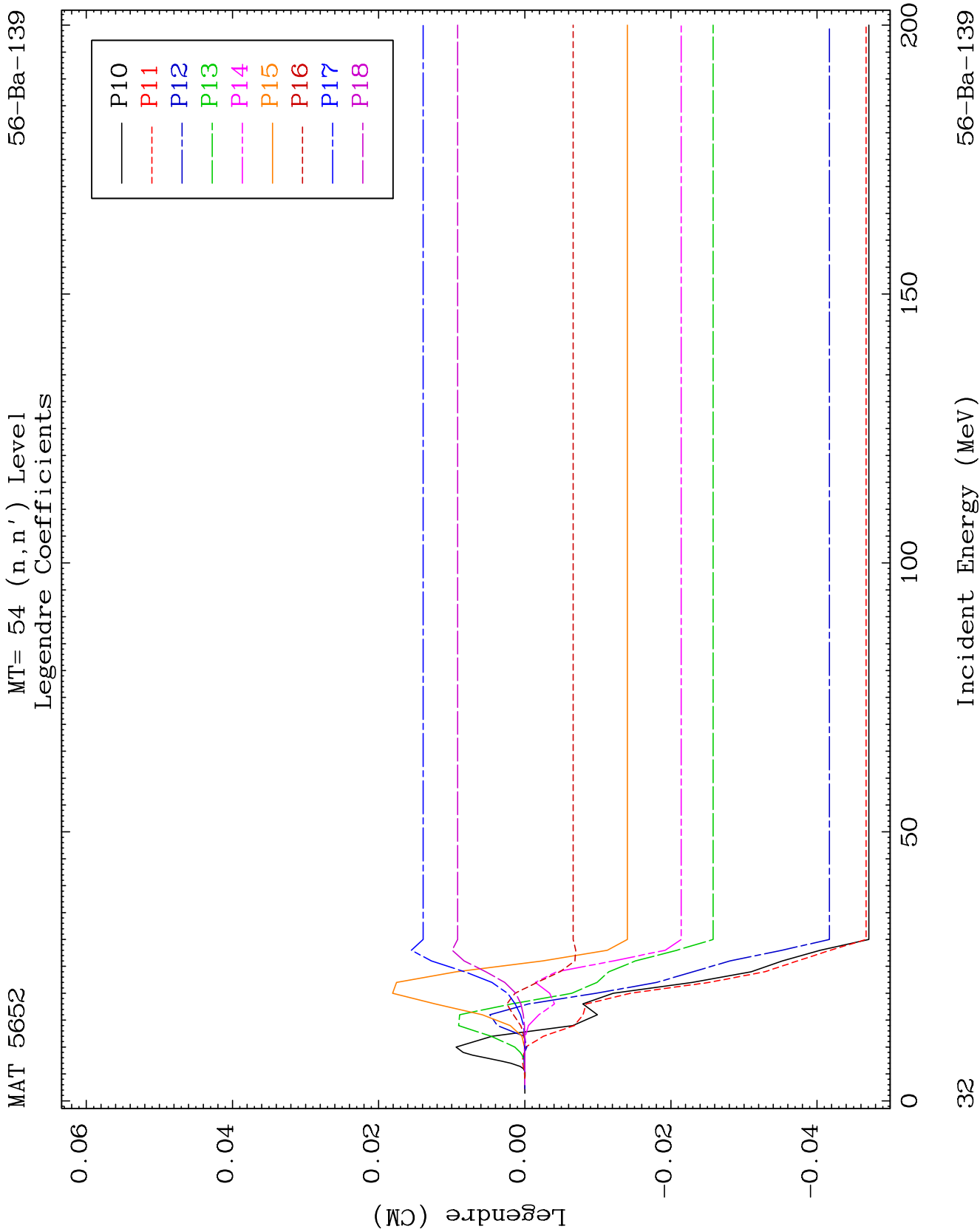
MT= 53 (n, n') Level
Legendre Coefficients

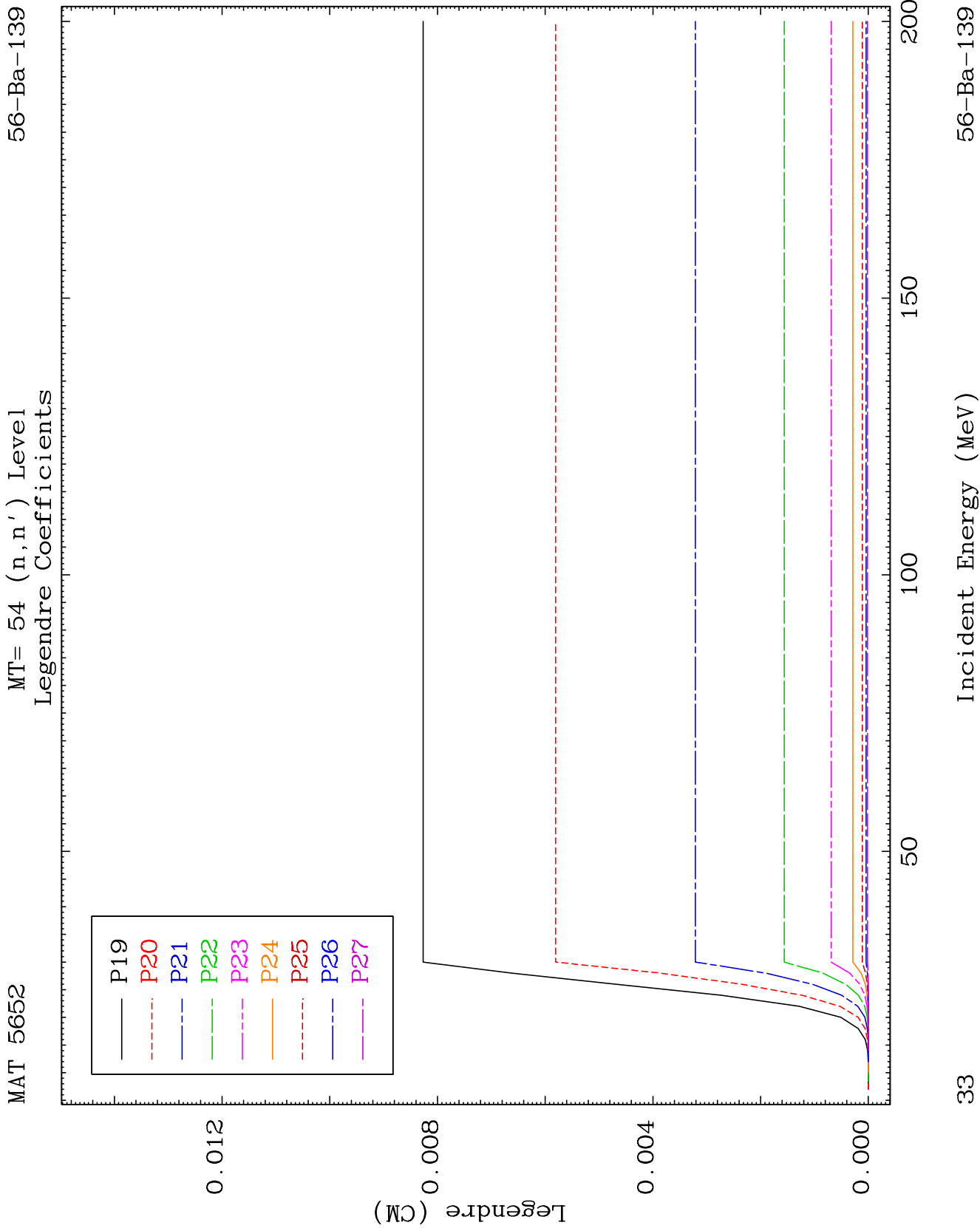
56-Ba-139

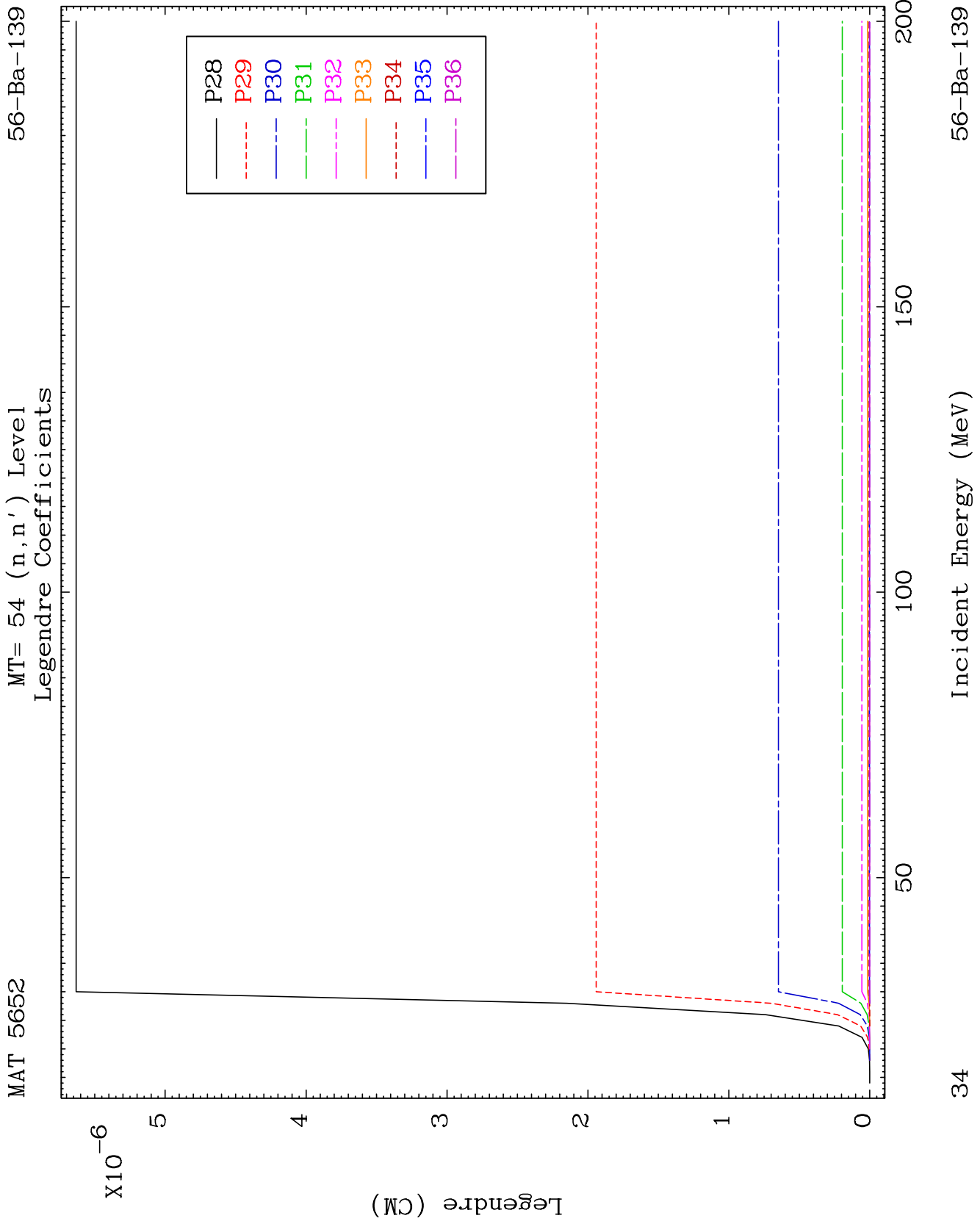


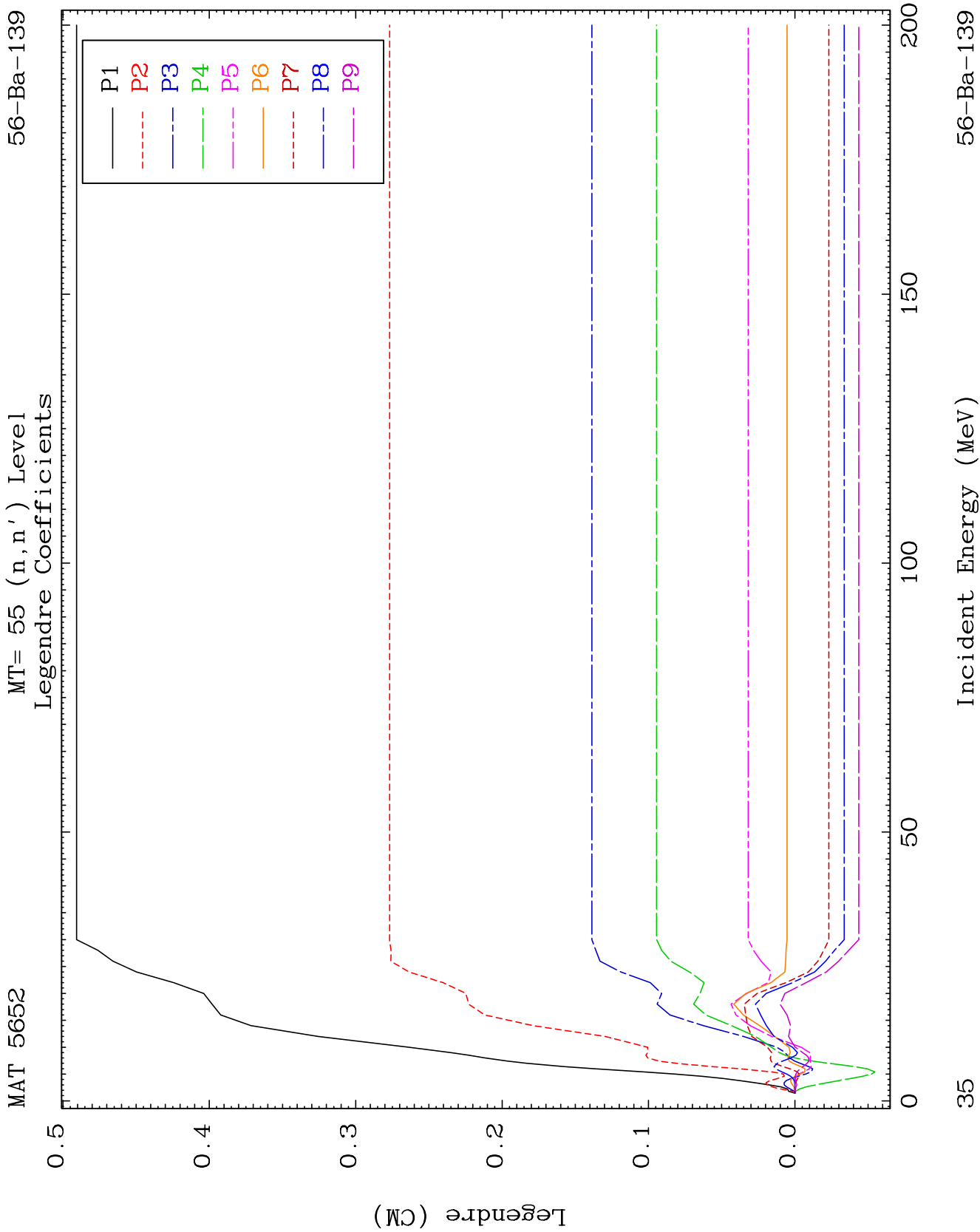


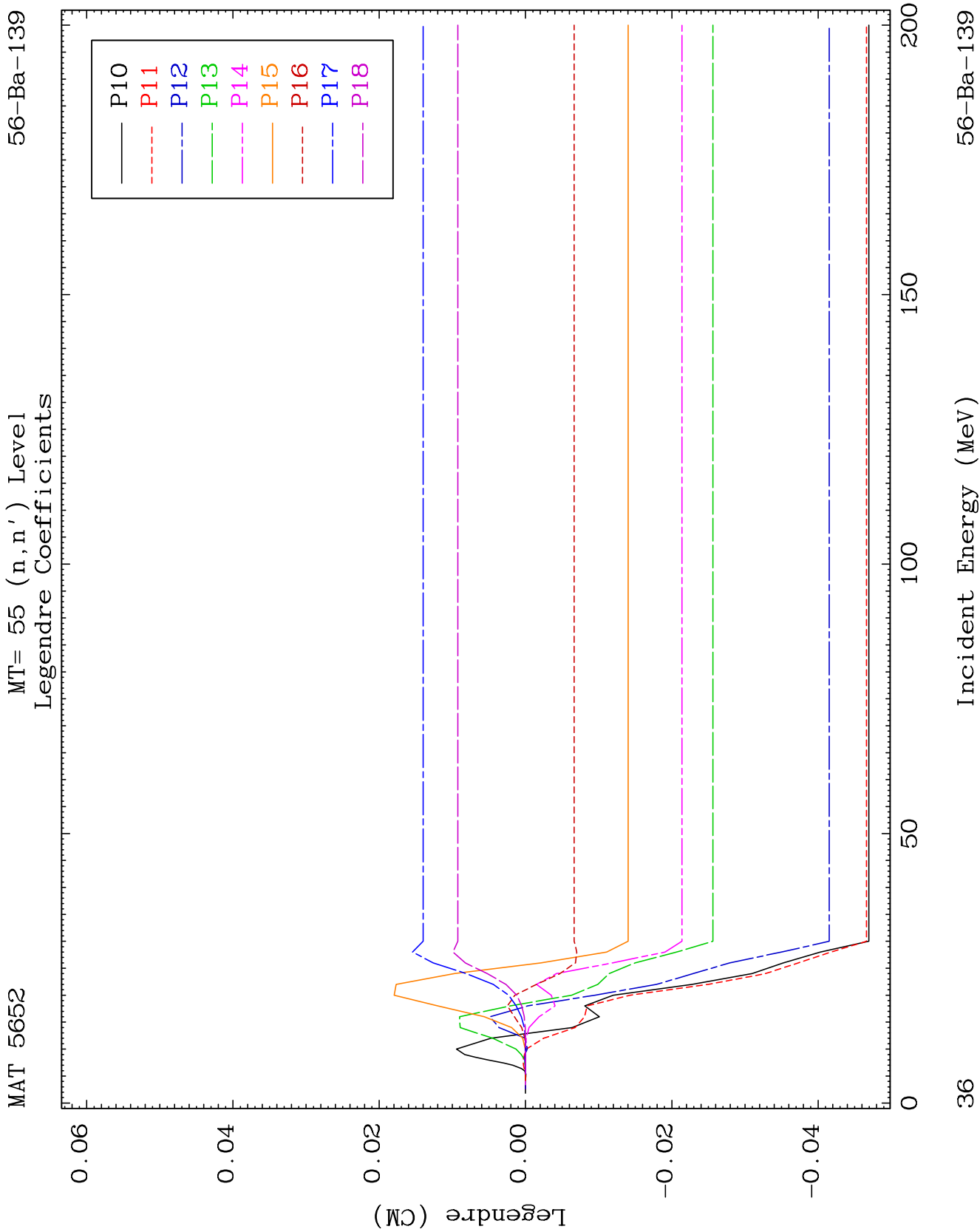








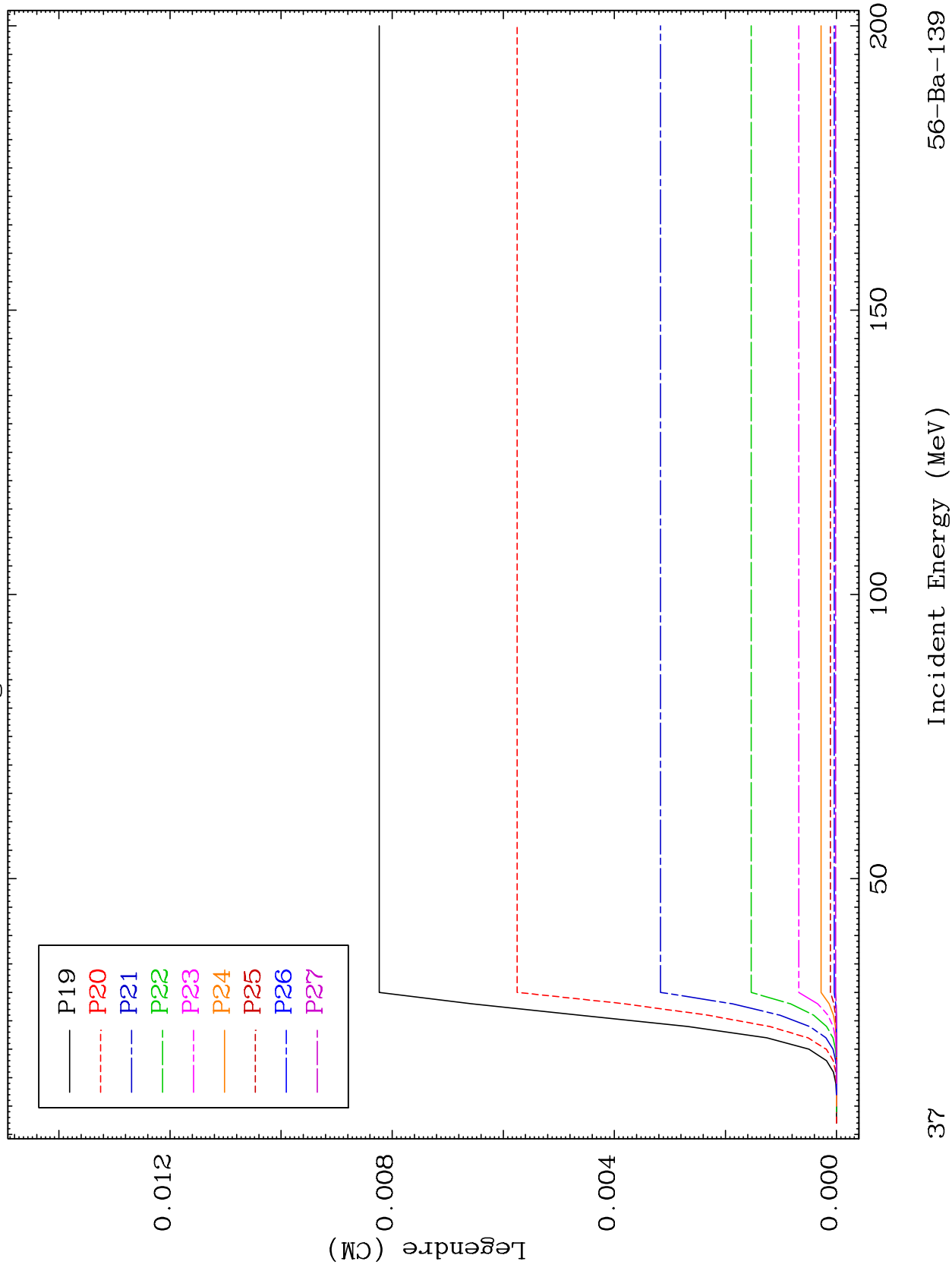




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MT= 55 (n, n') Level
Legendre Coefficients

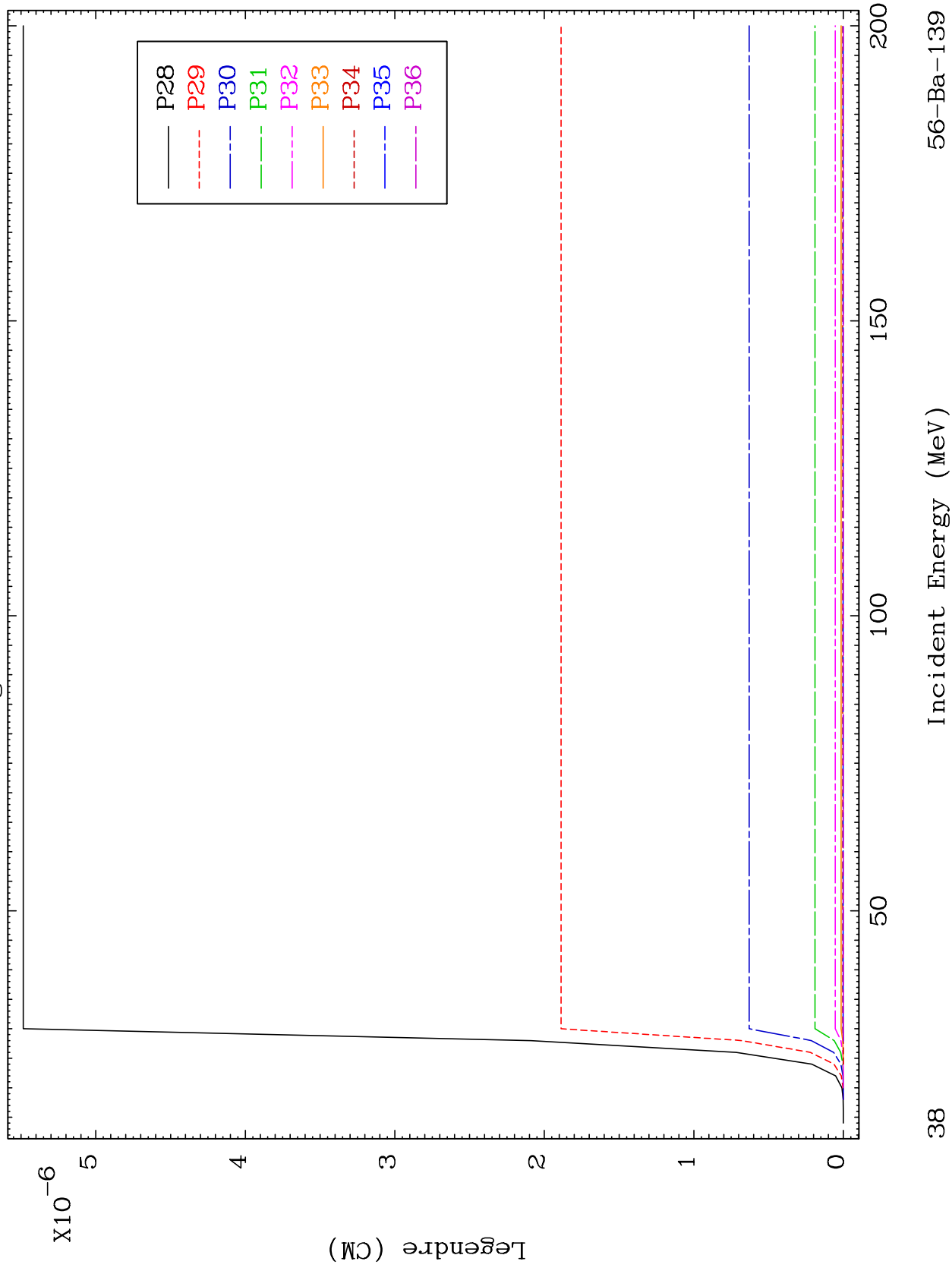
56-Ba-139



MAT 5652

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

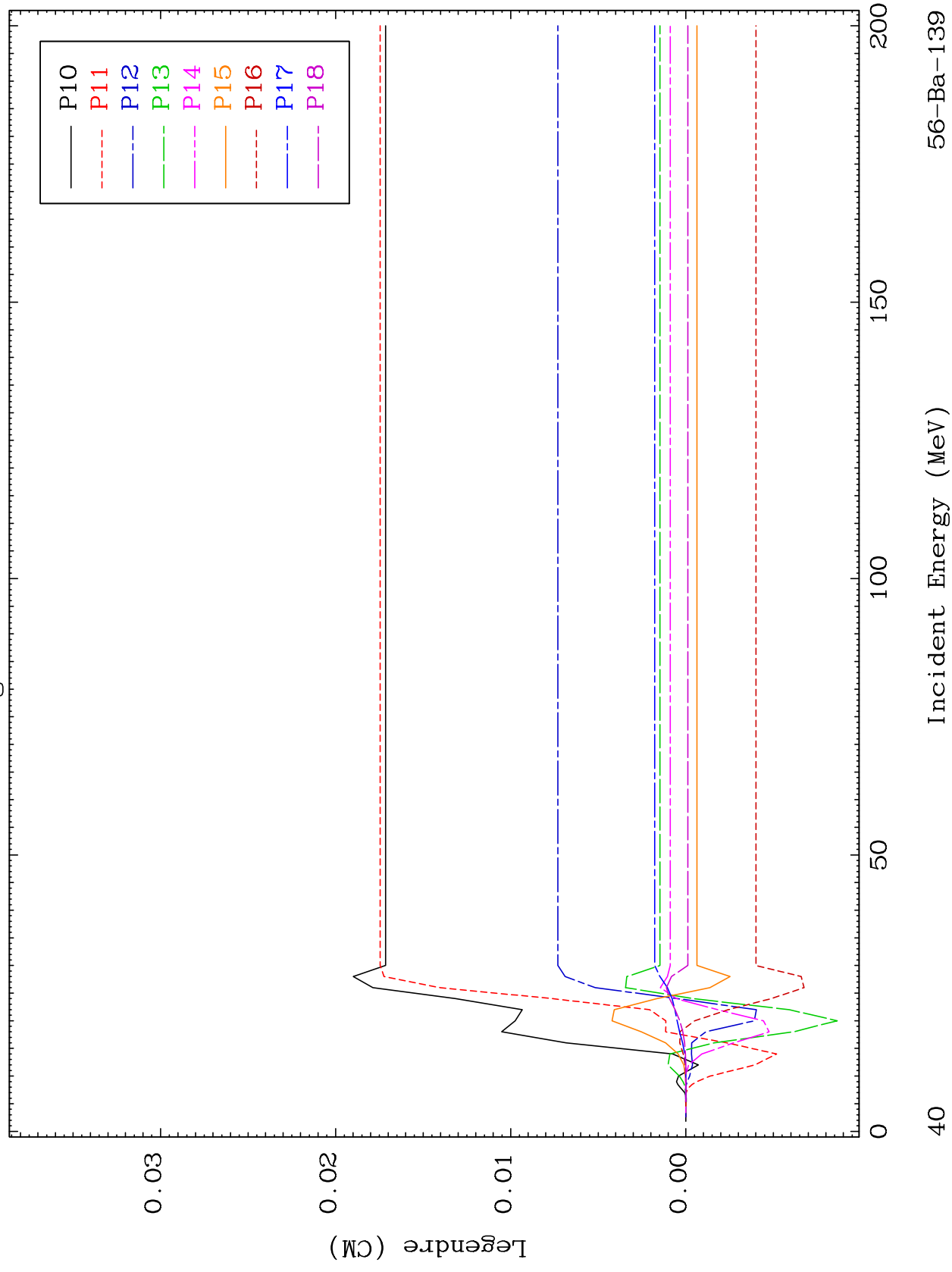
56-Ba-139

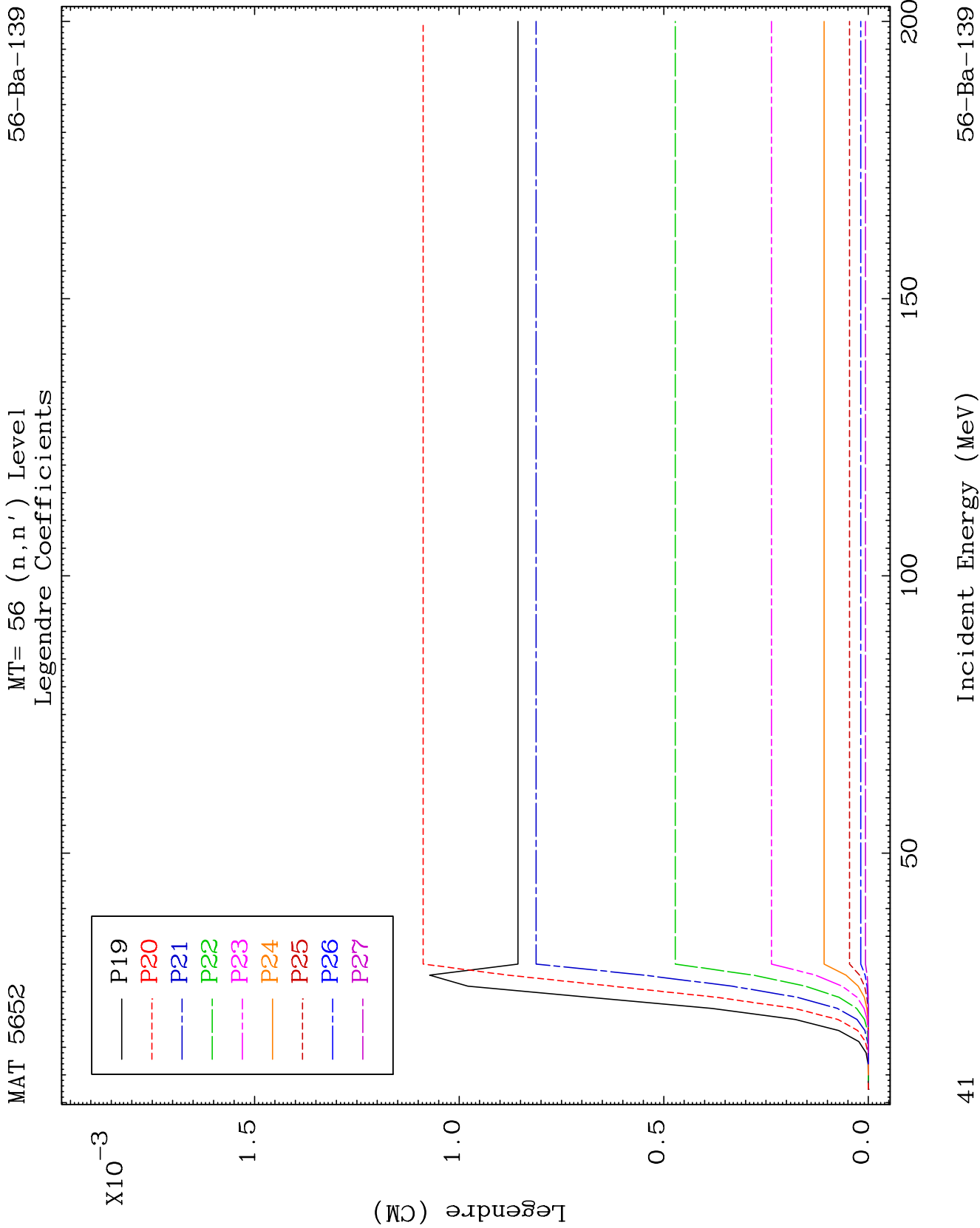


MAT 5652

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

56-Ba-139

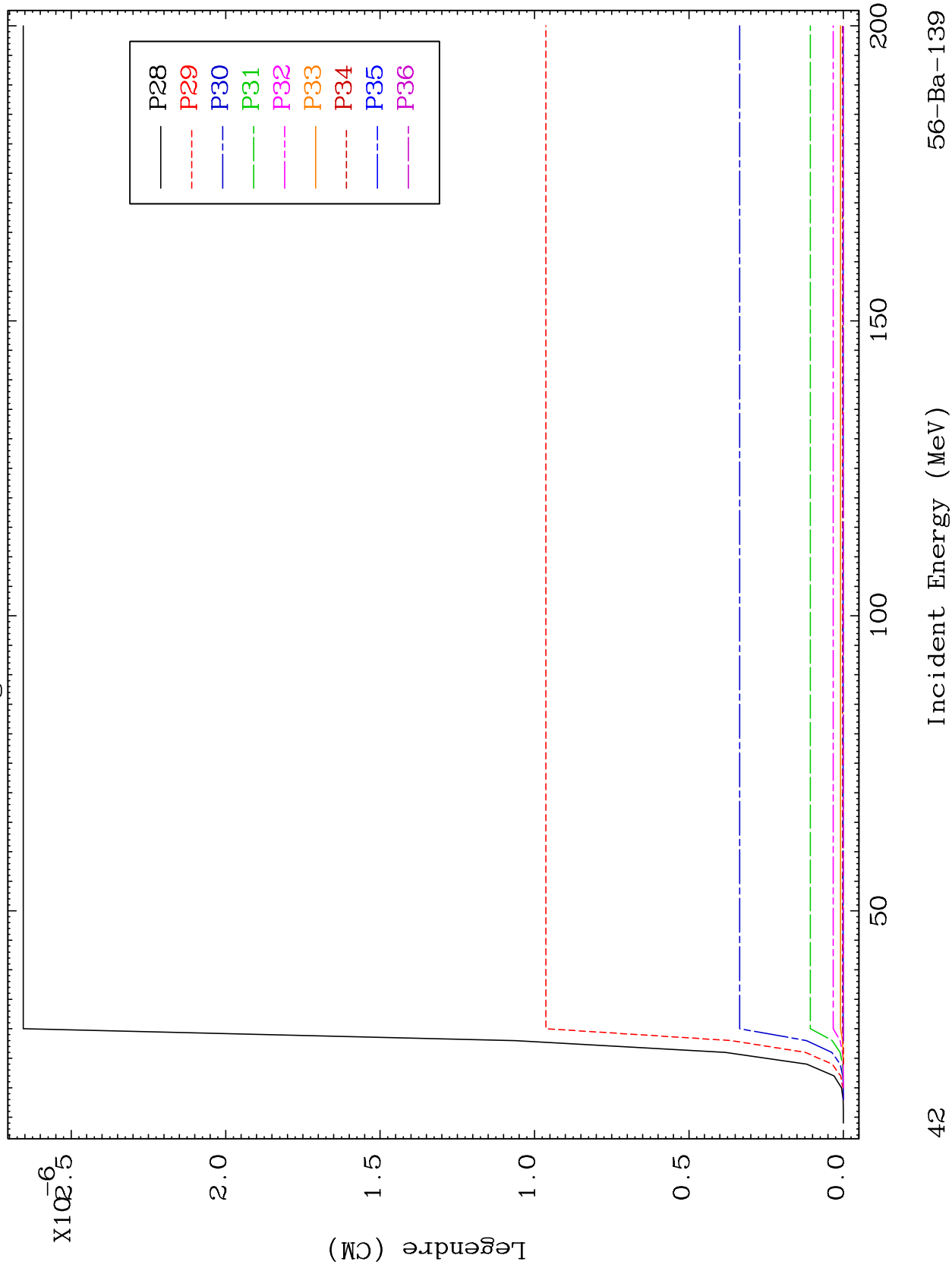


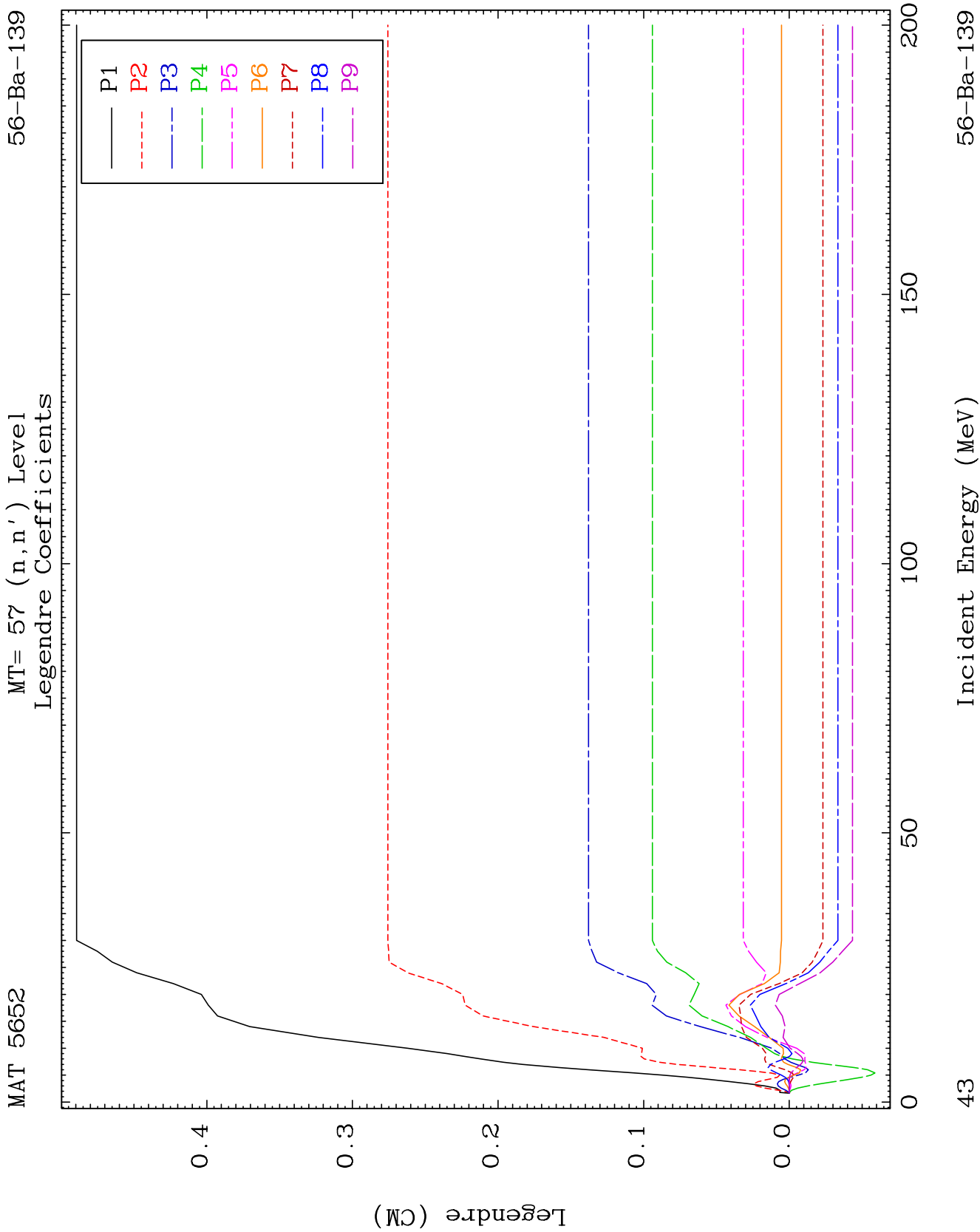


MAT 5652

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

56-Ba-139

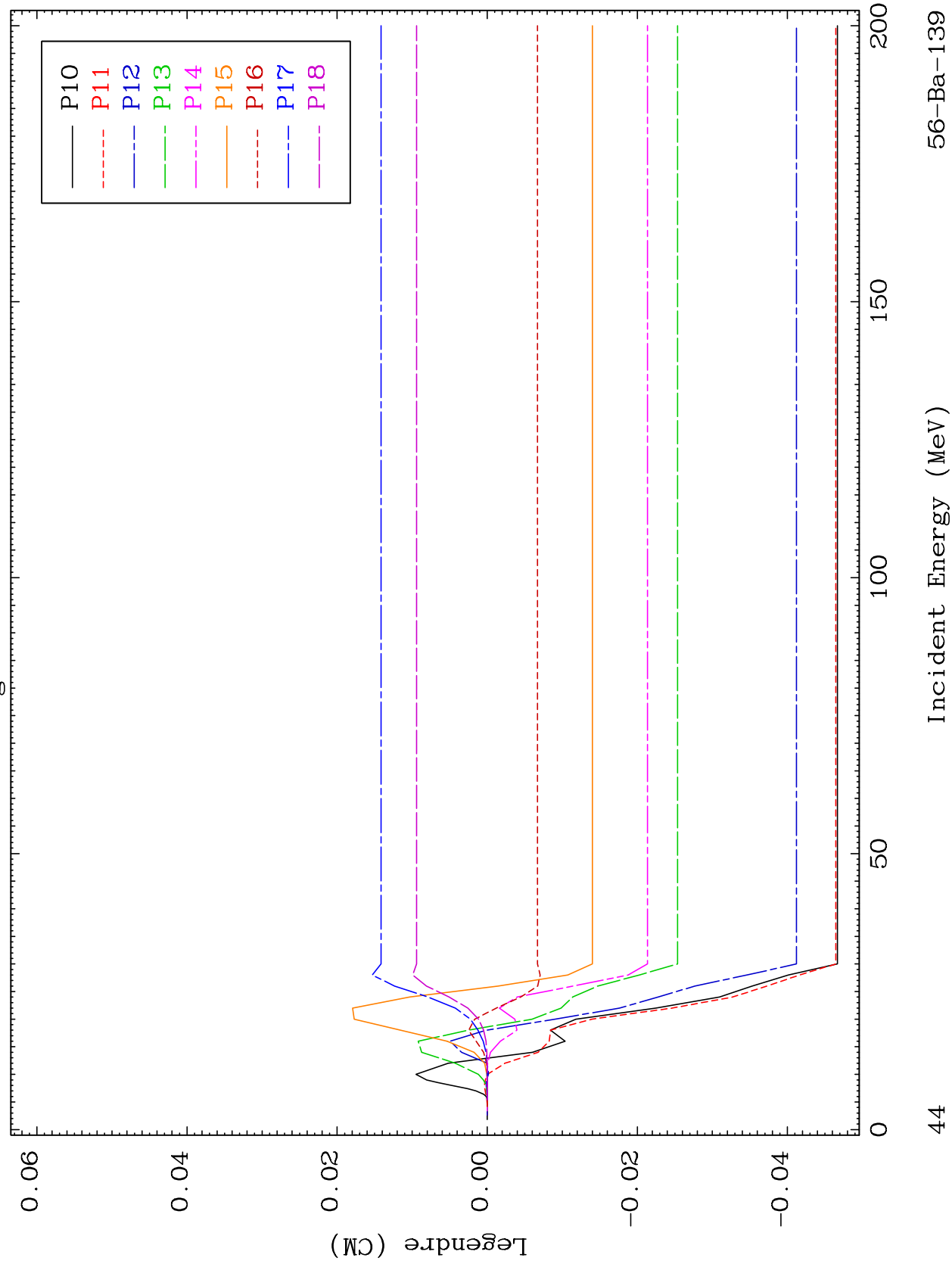




MAT 5652

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

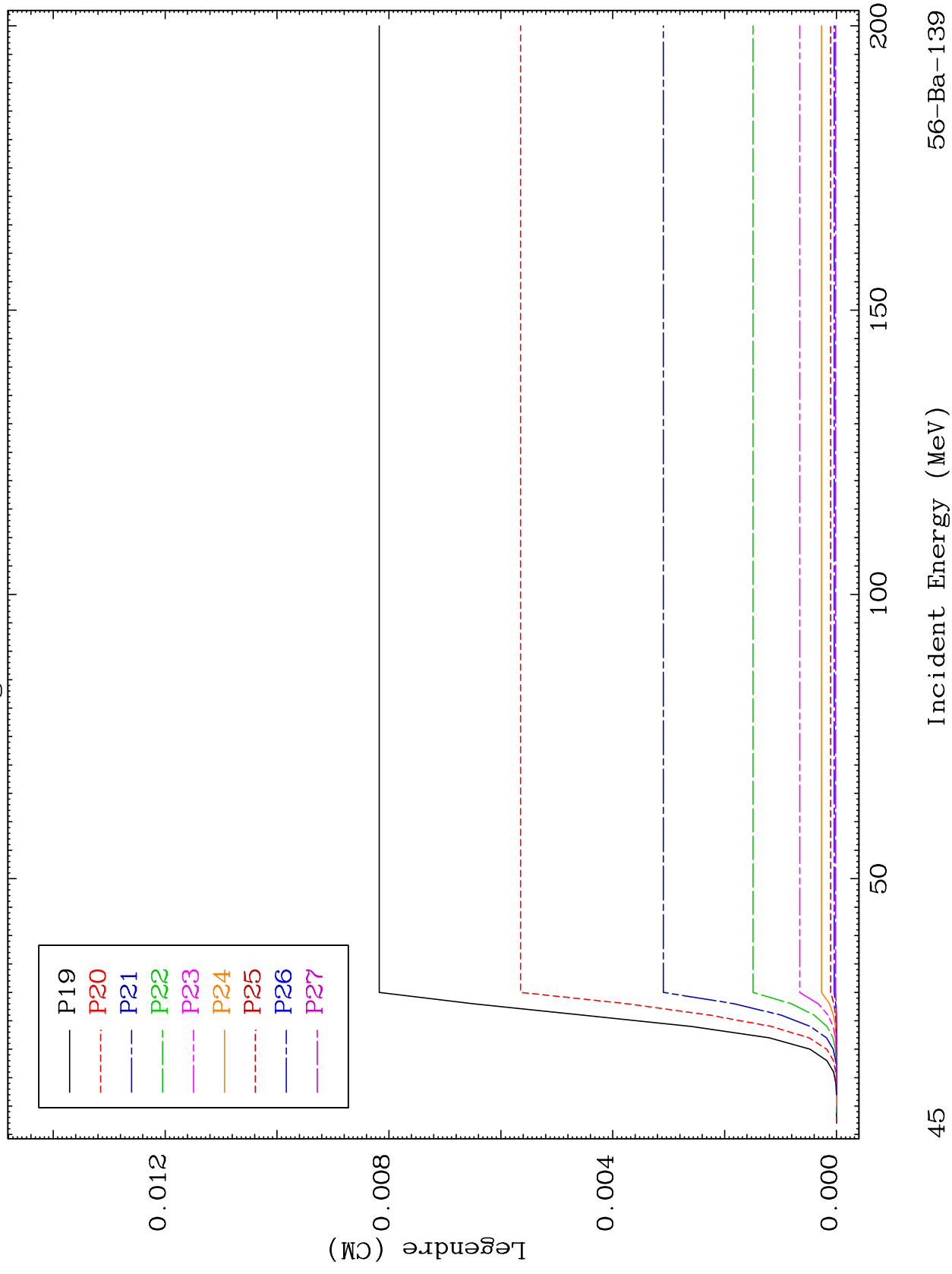
56-Ba-139



MAT 5652

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

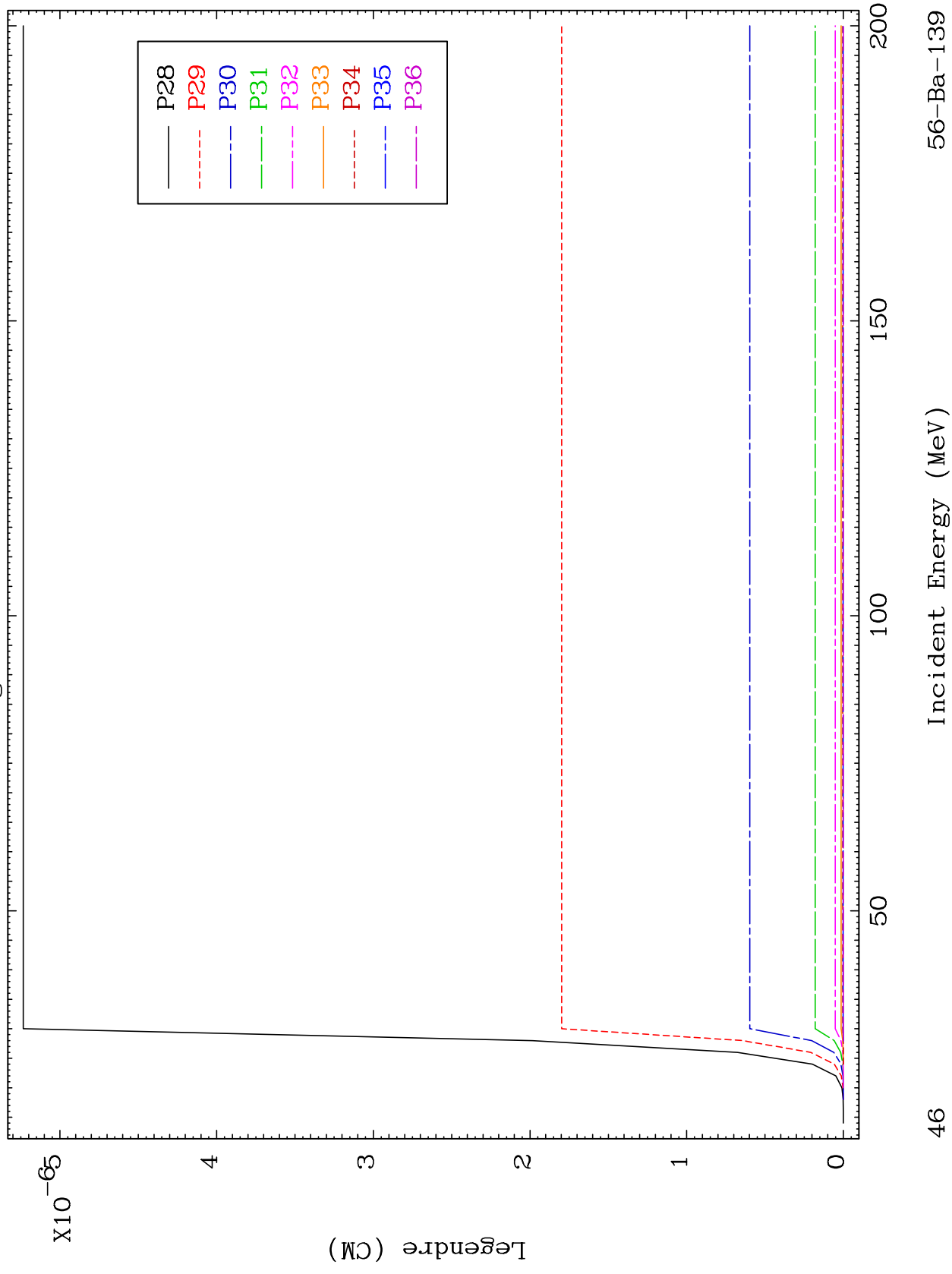
56-Ba-139

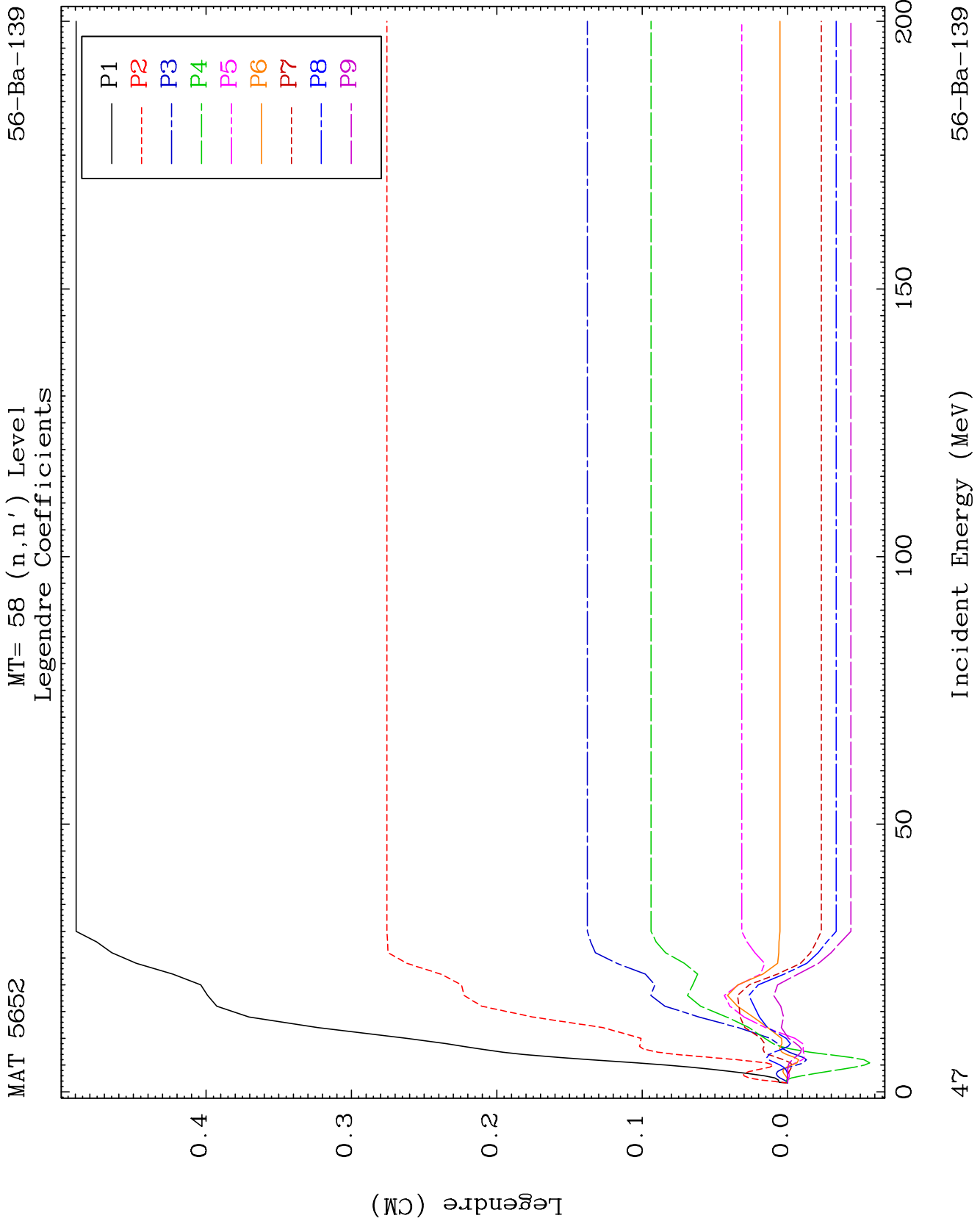


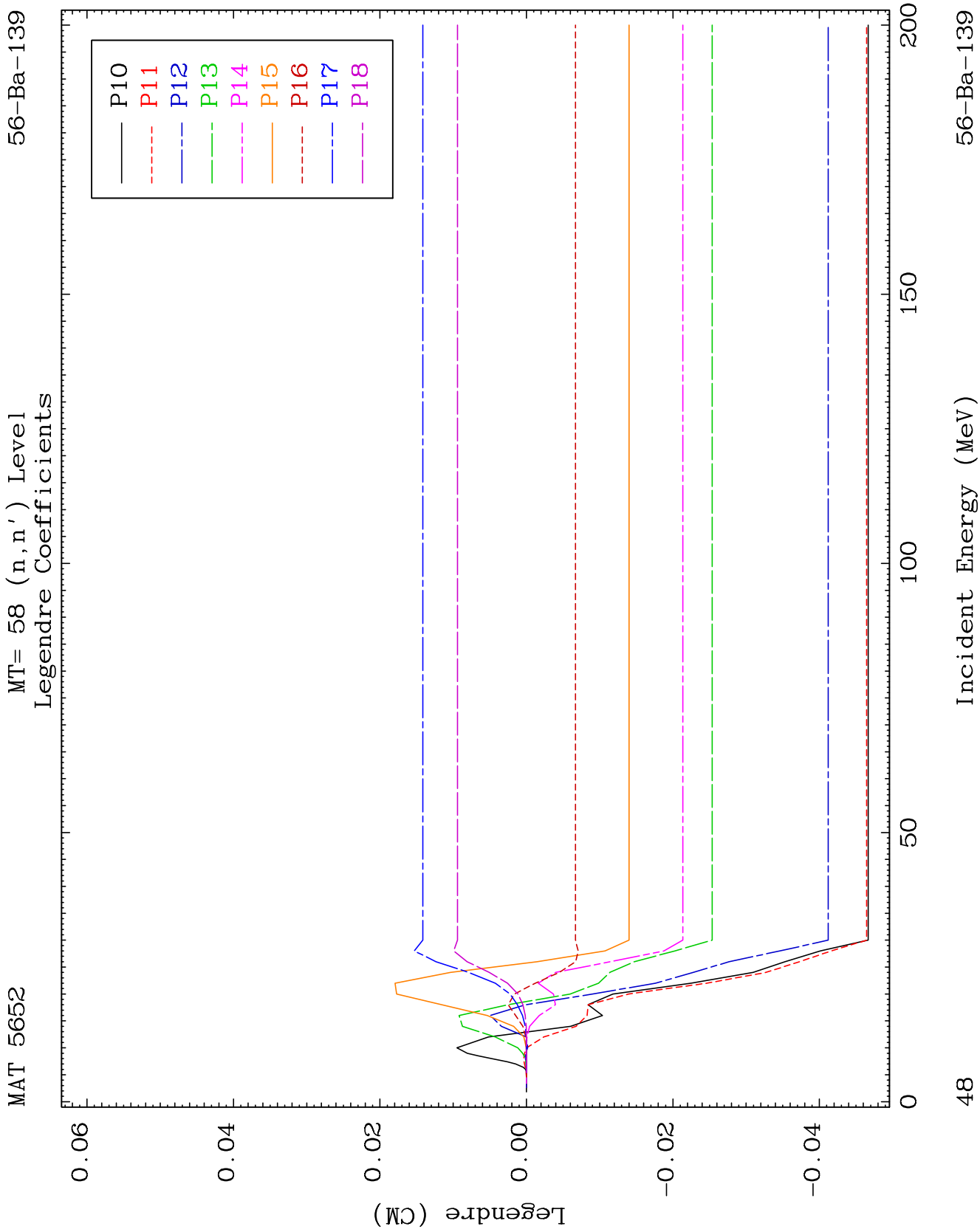
MAT 5652

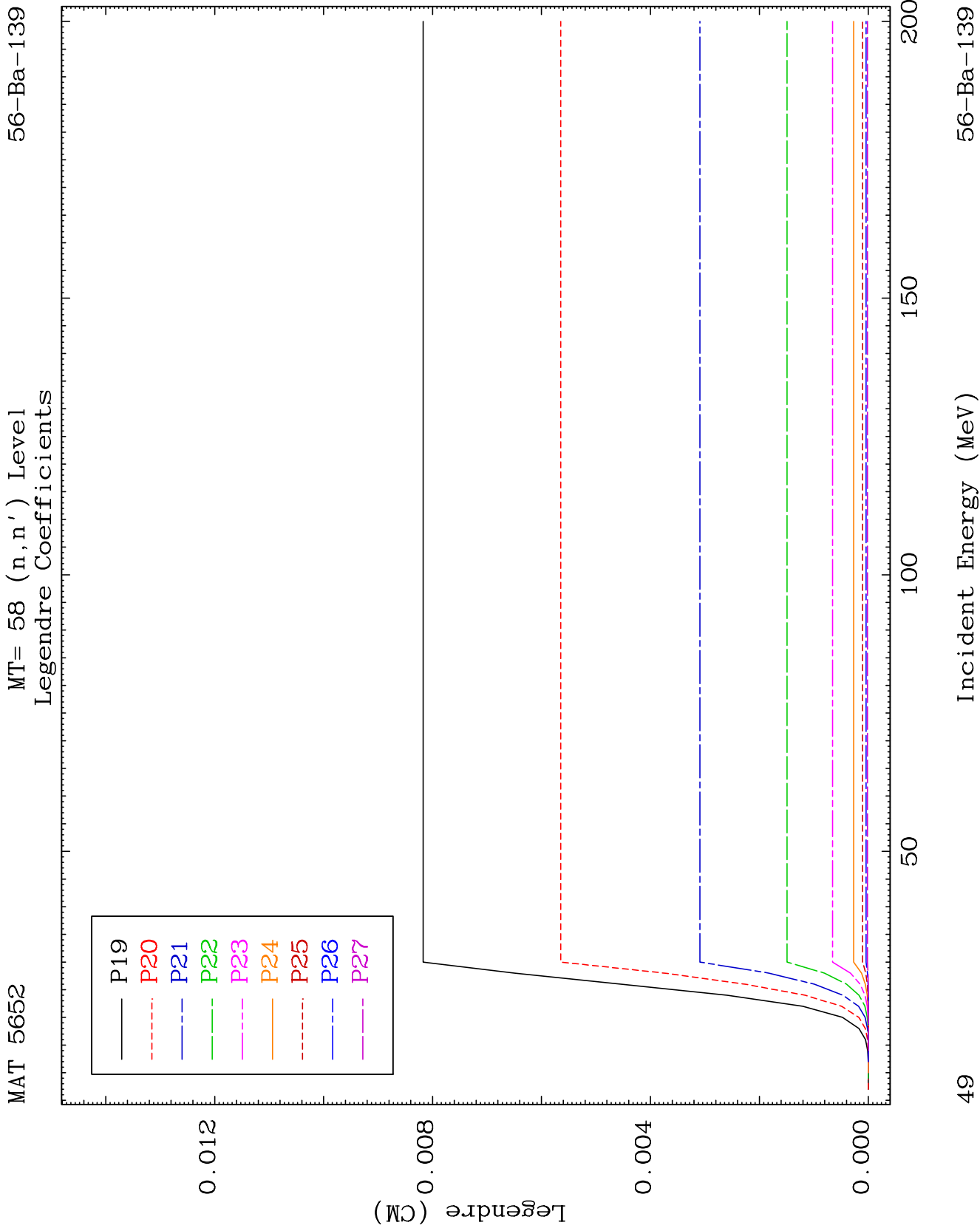
MT= 57 (n, n') Level
Legendre Coefficients

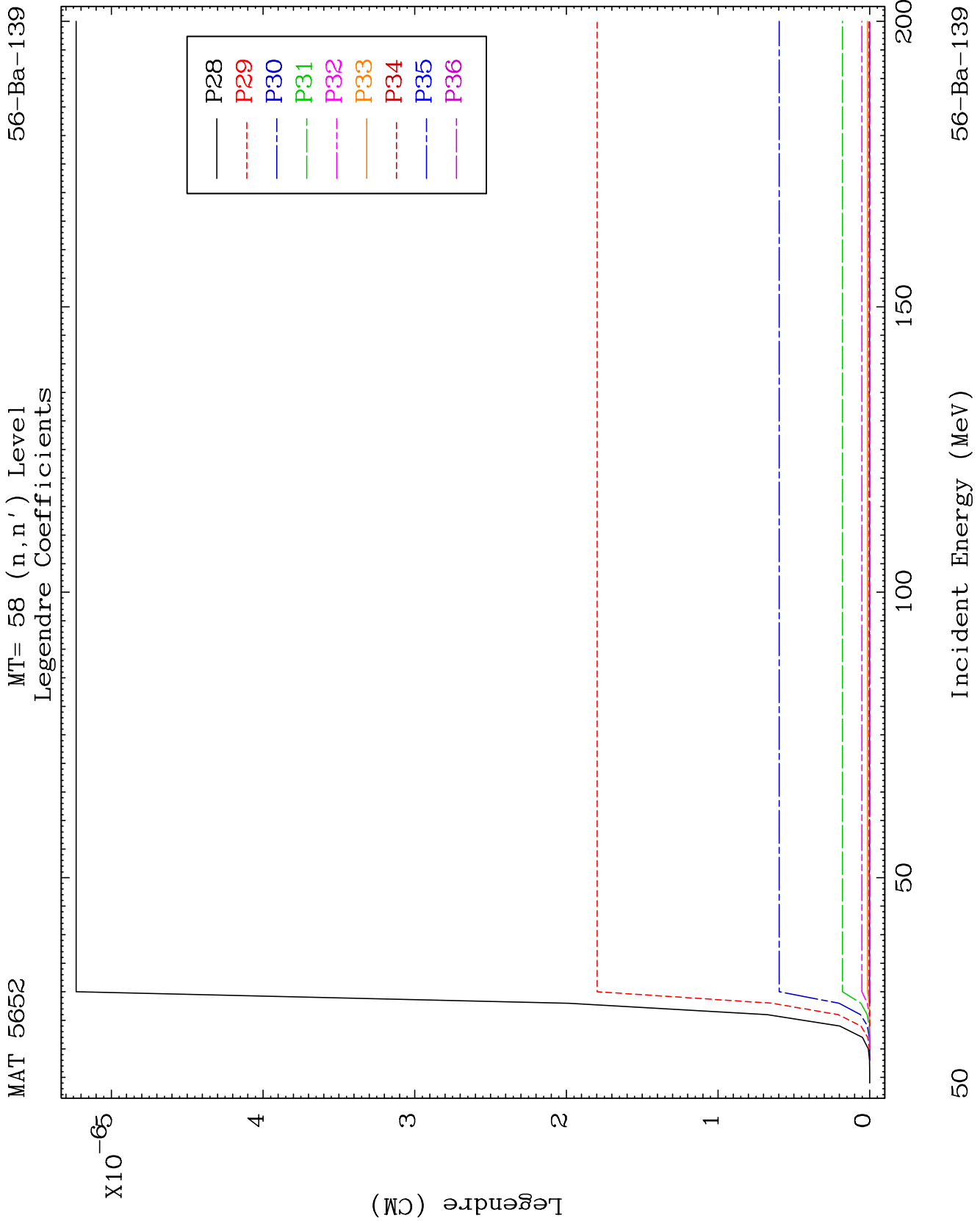
56-Ba-139







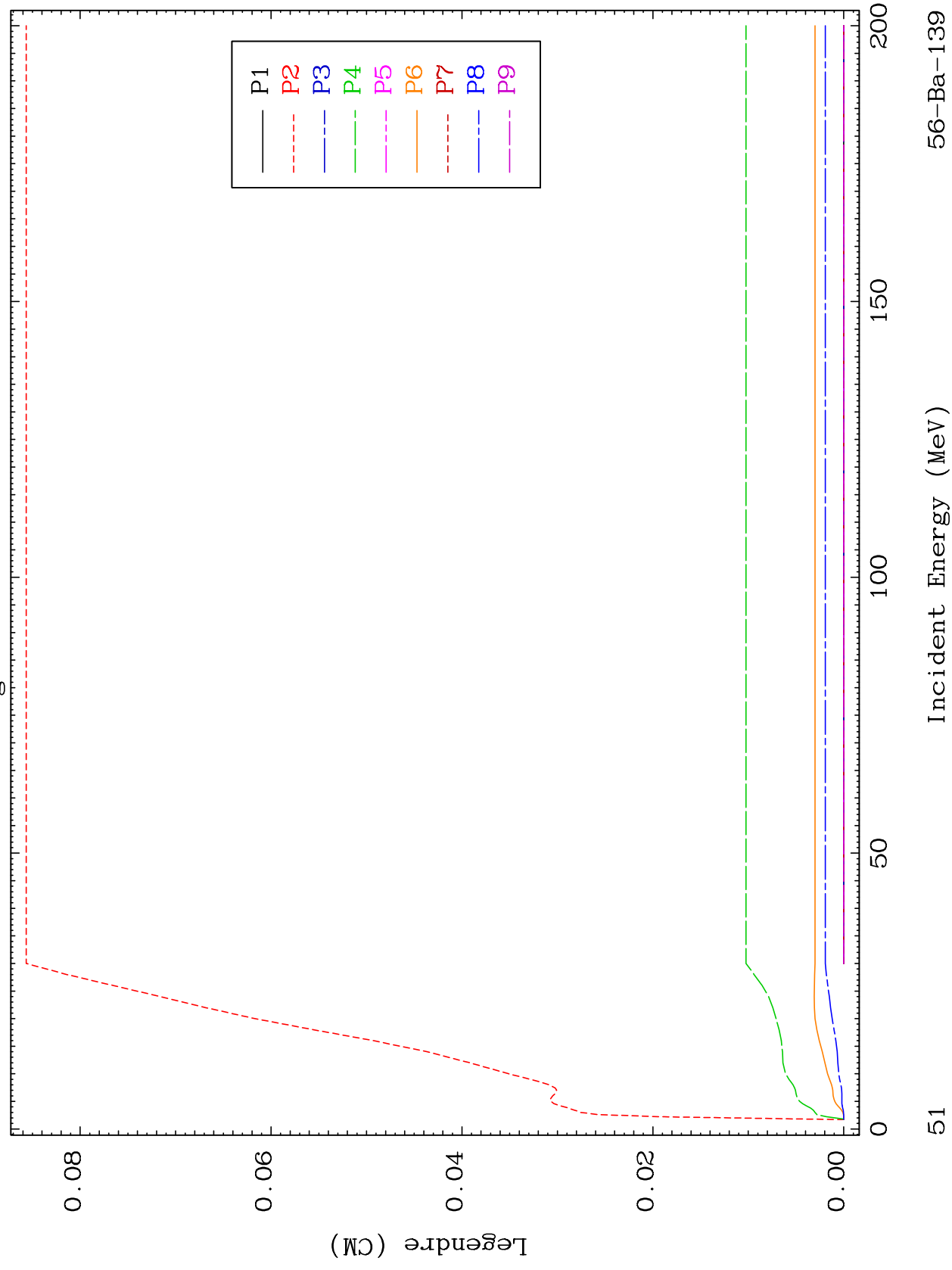


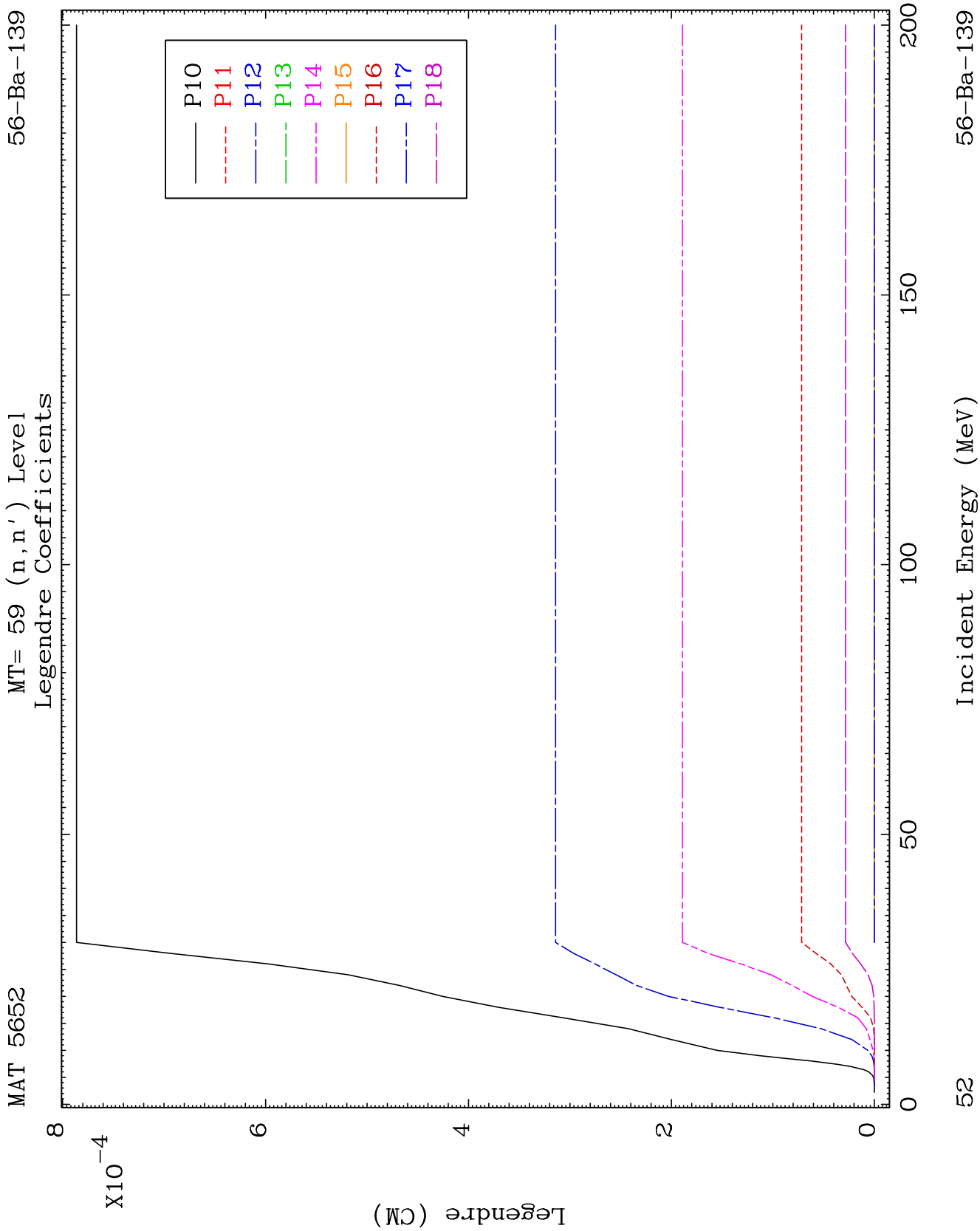


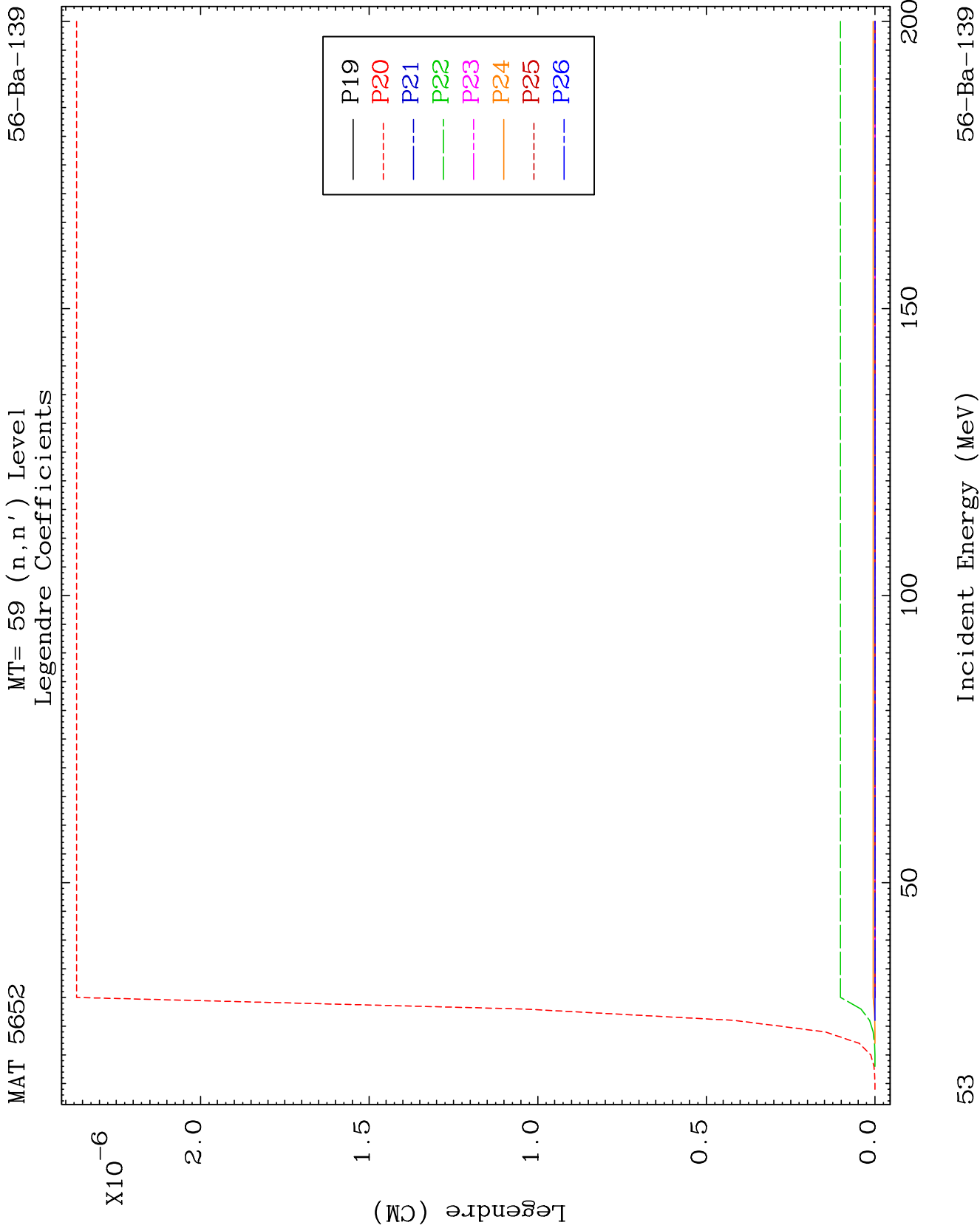
MAT 5652

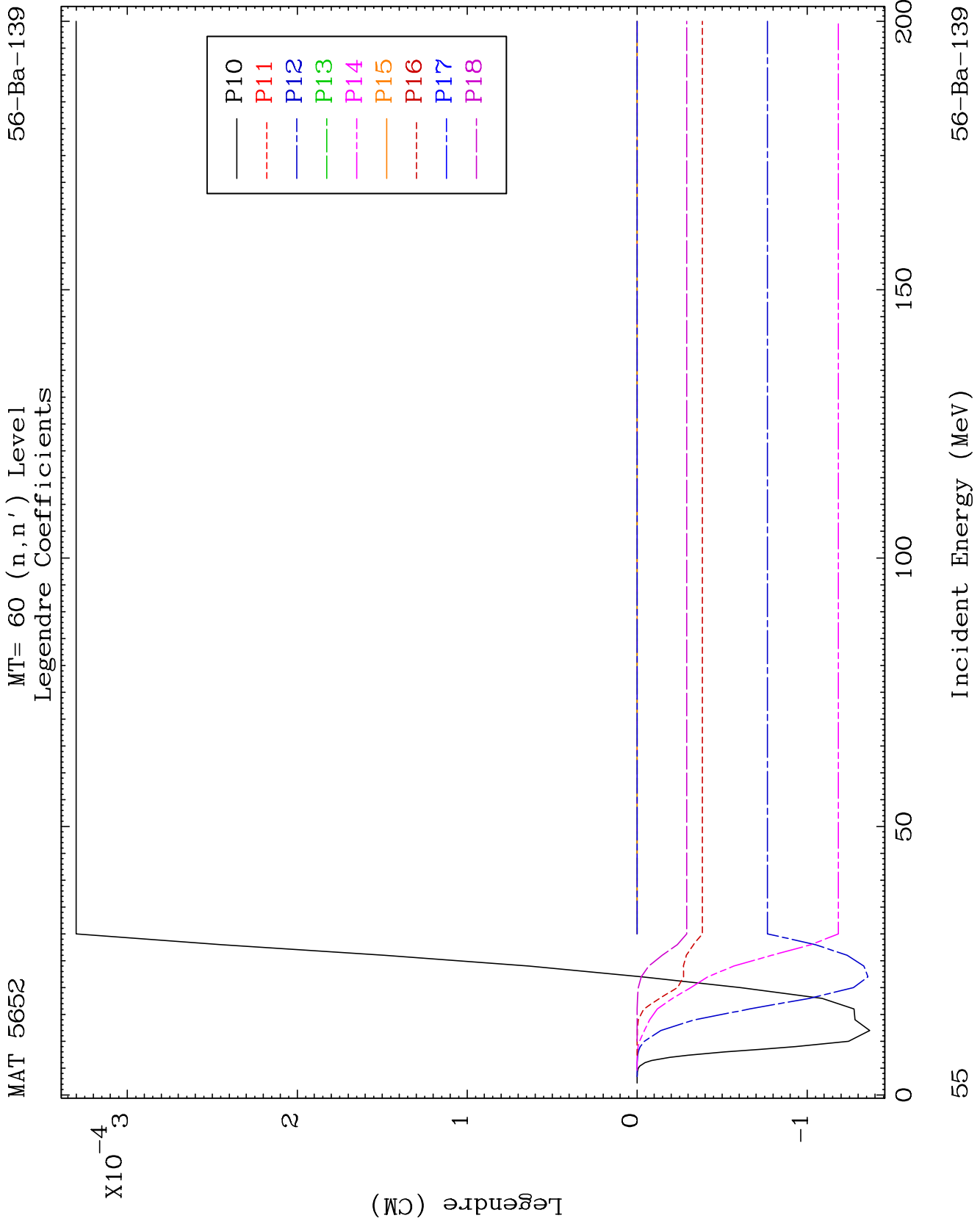
MT= 59 (n, n') Level
Legendre Coefficients

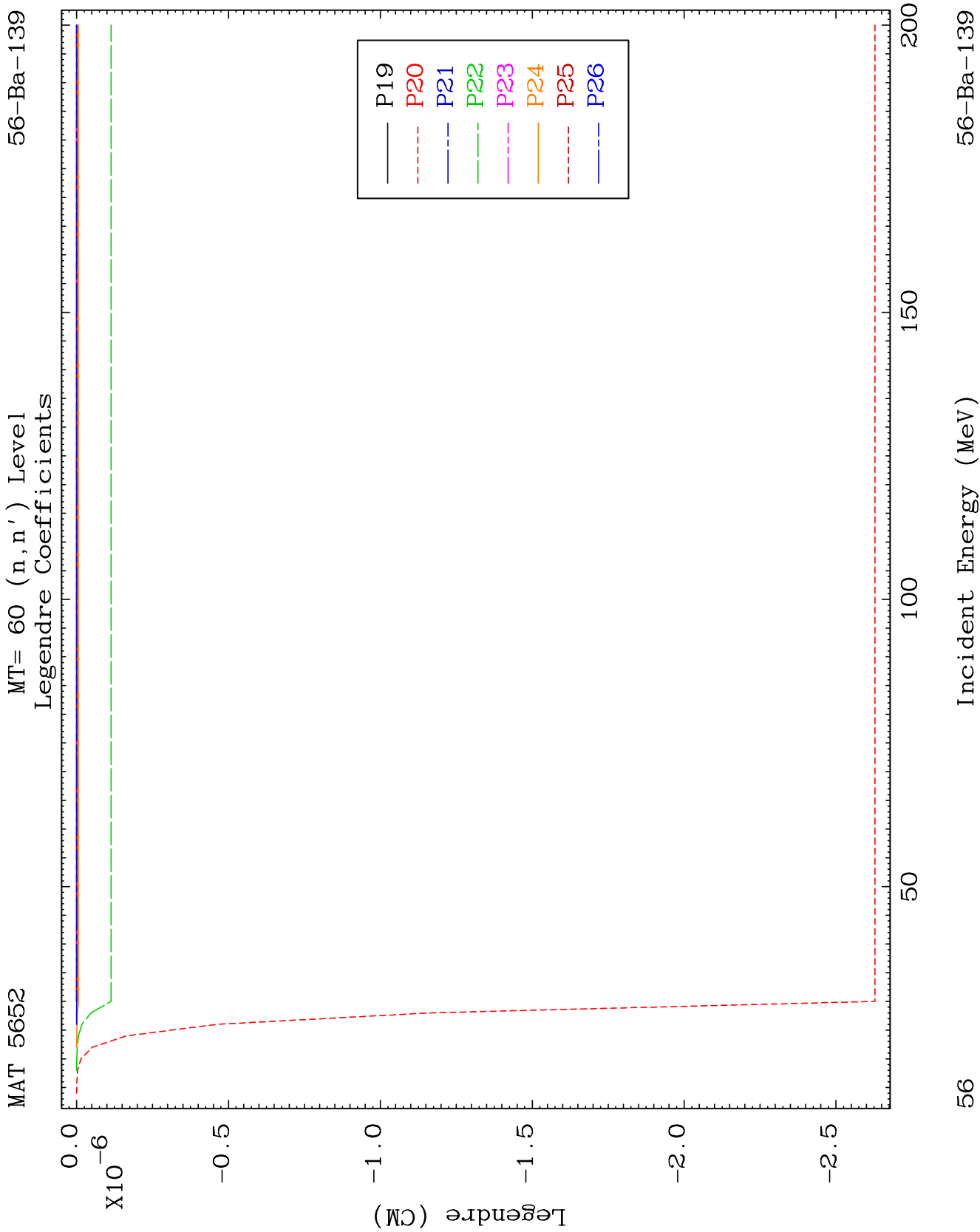
56-Ba-139

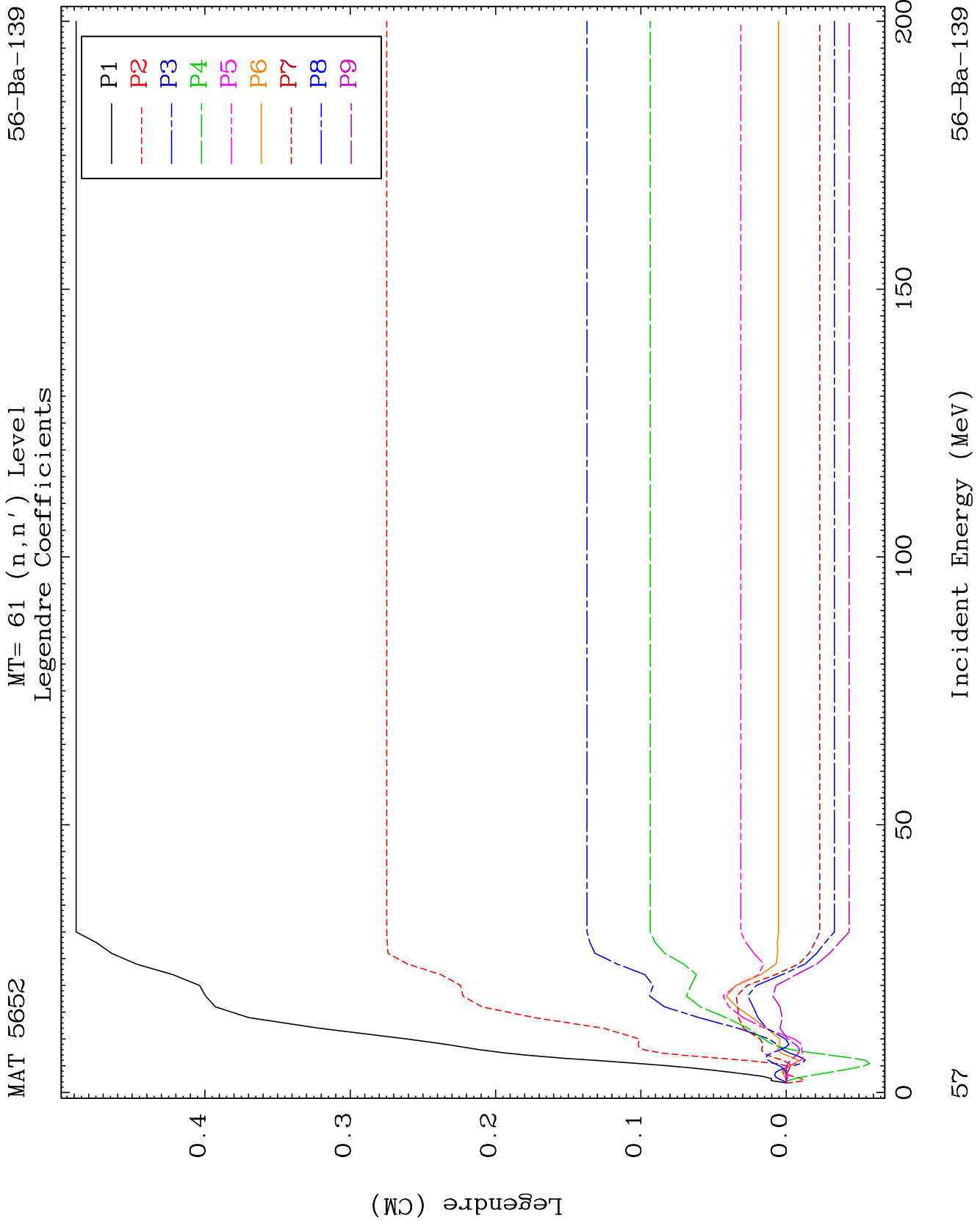


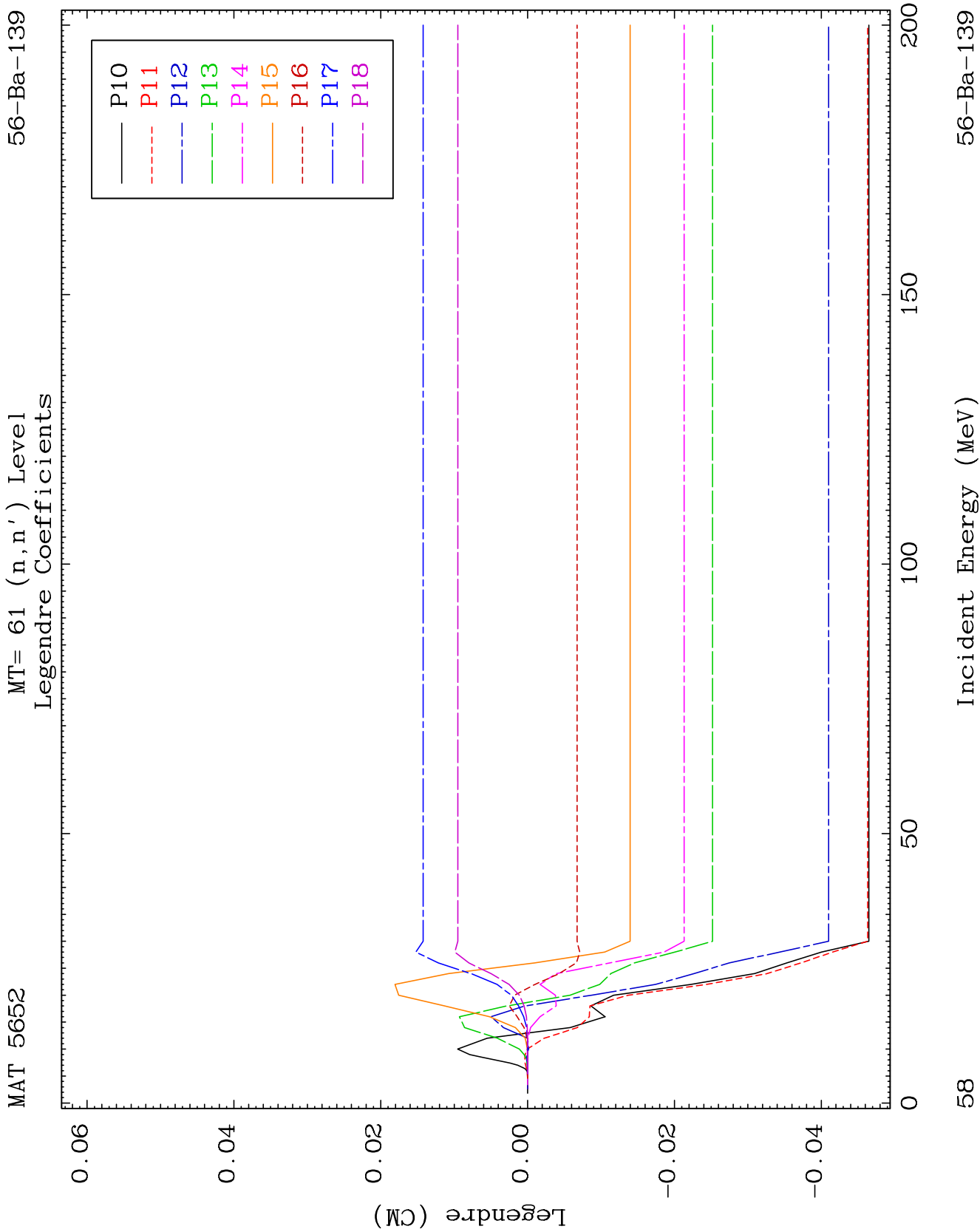








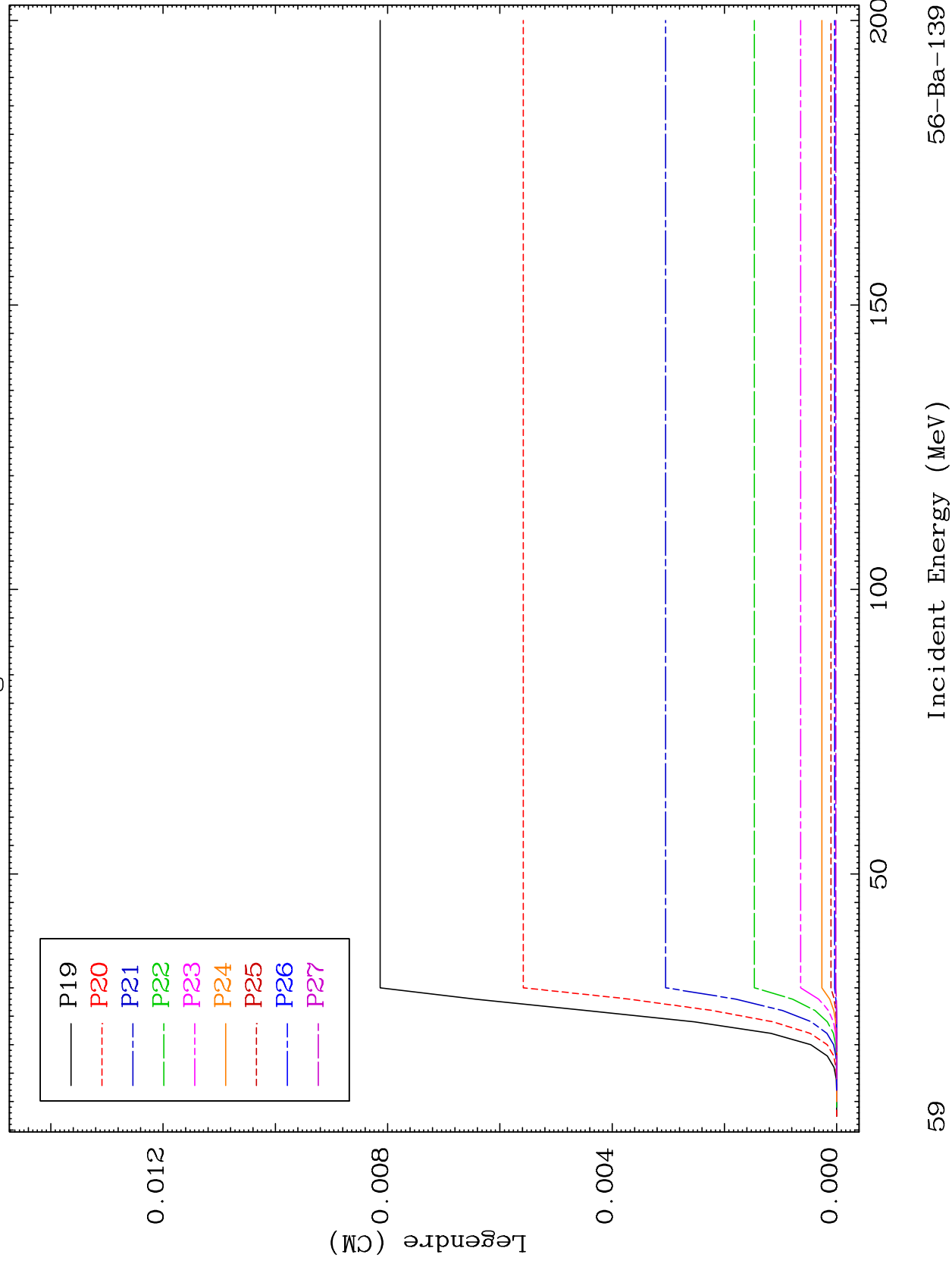


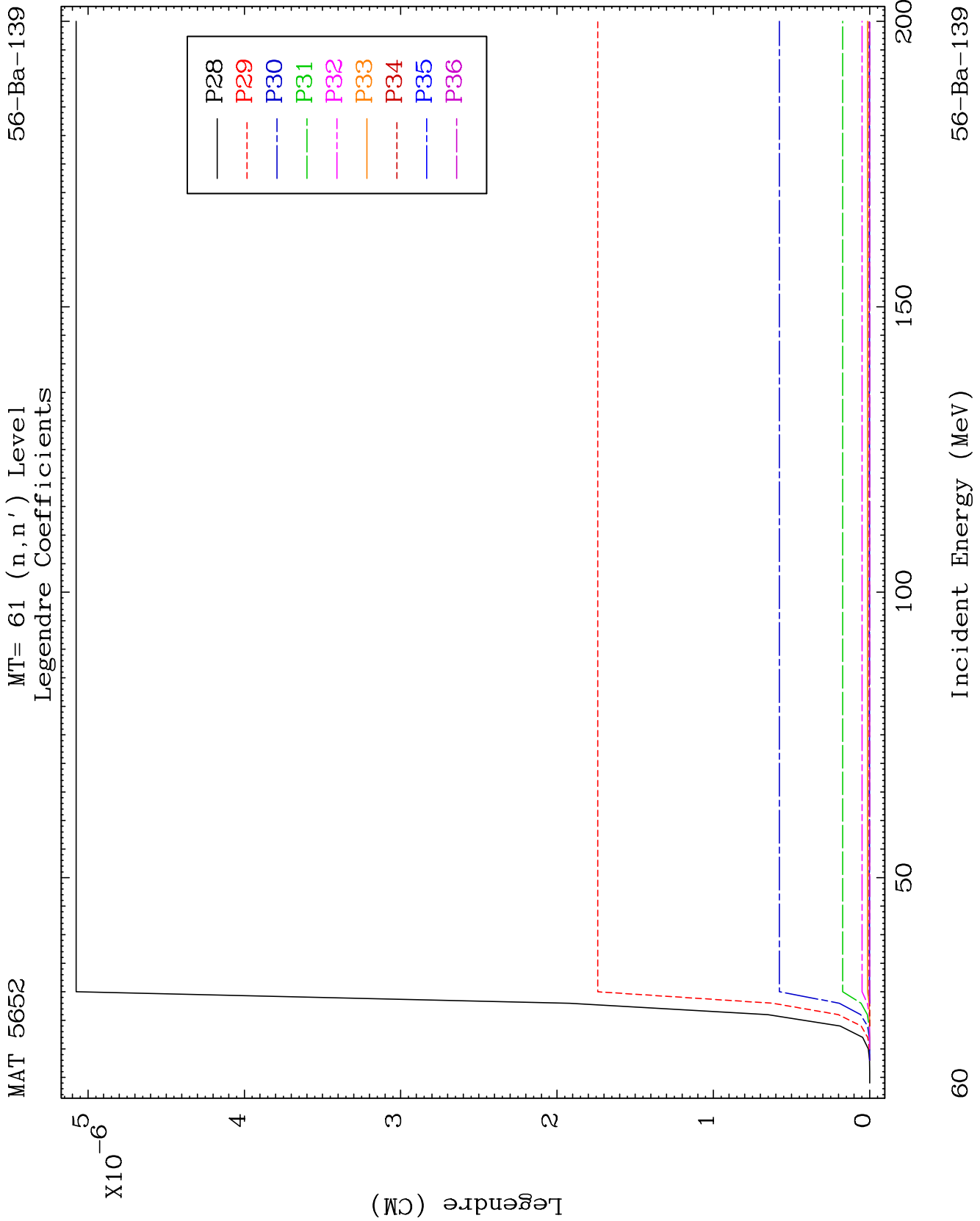


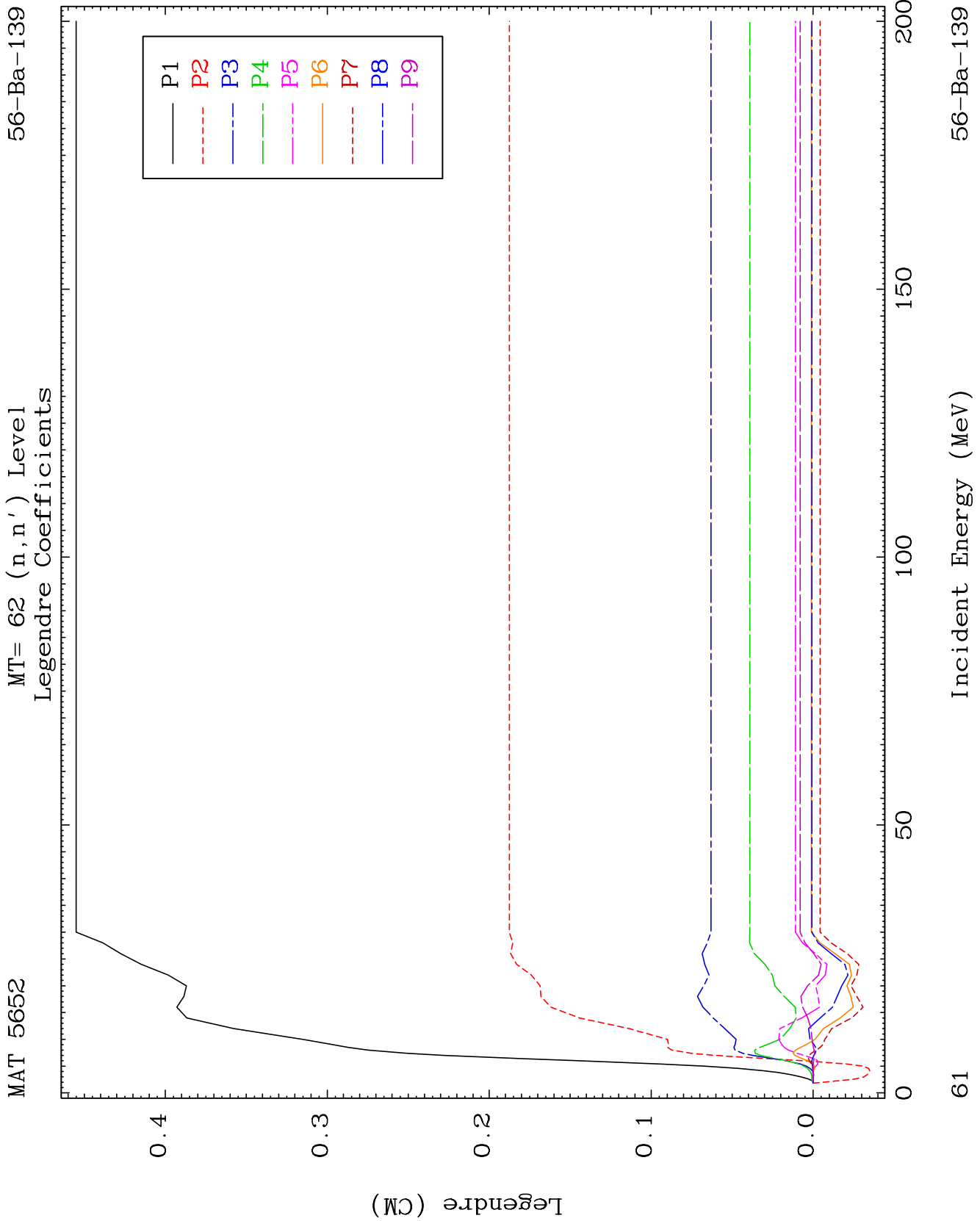
MAT 5652

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

56-Ba-139



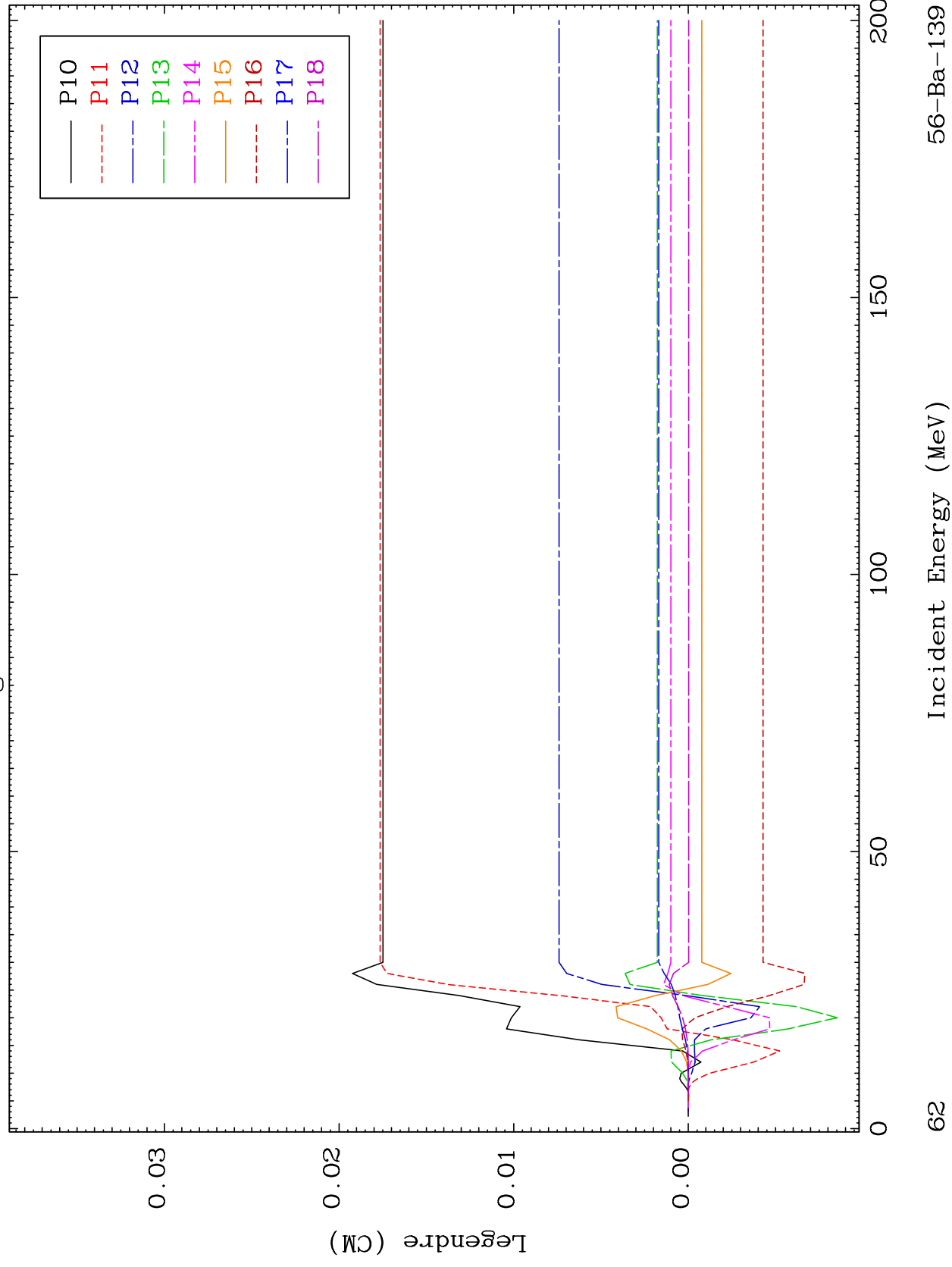


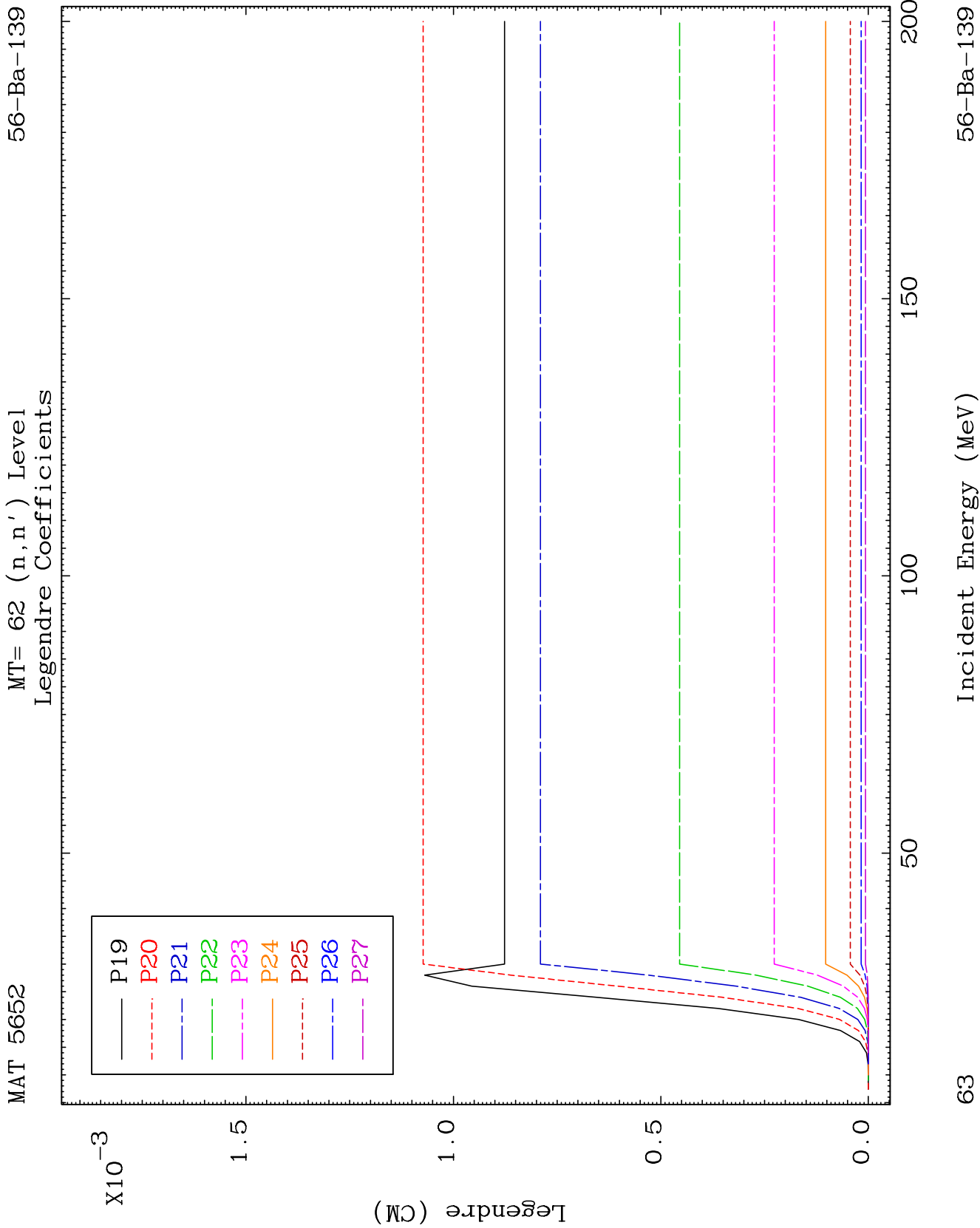


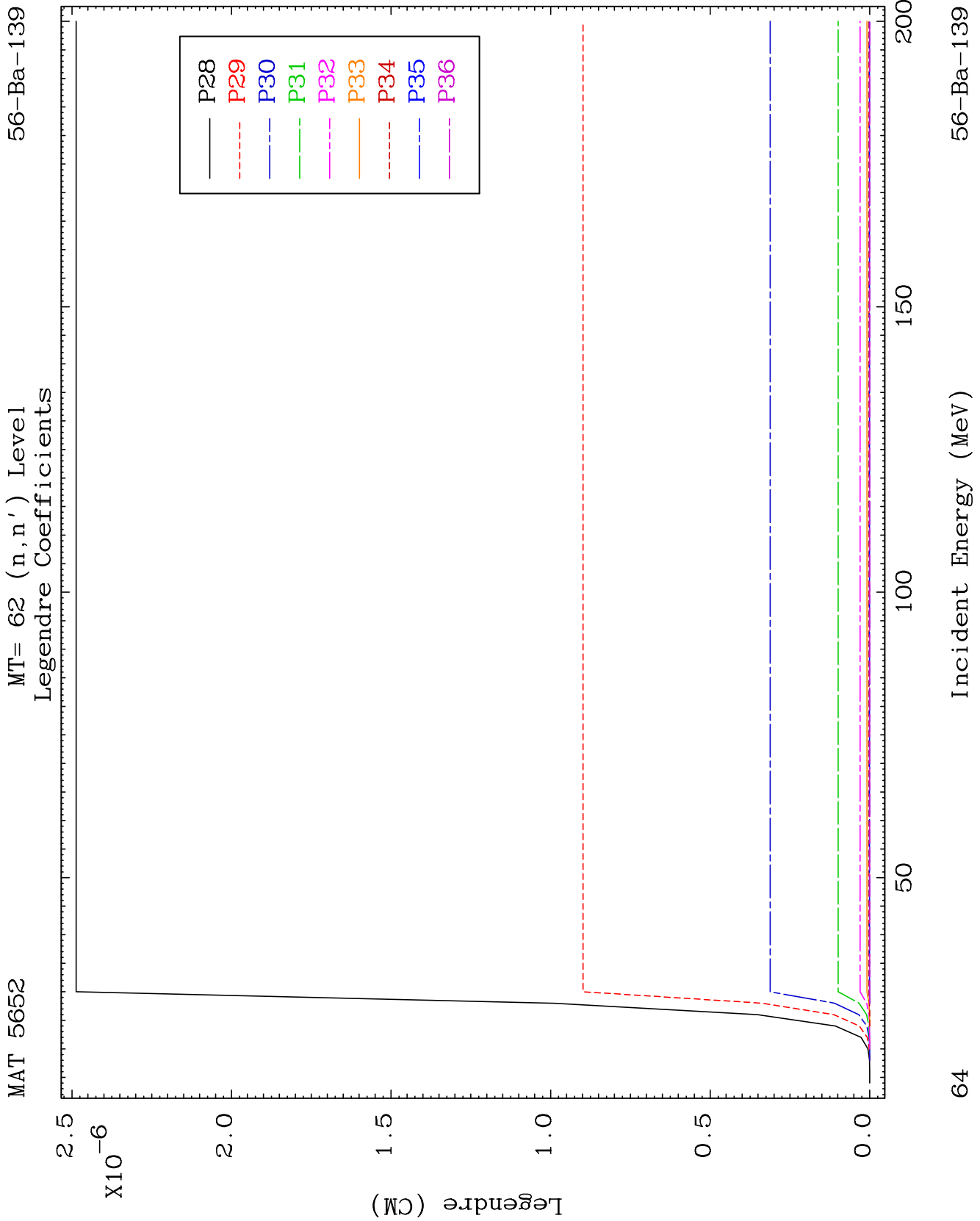
MAT 5652

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

56-Ba-139



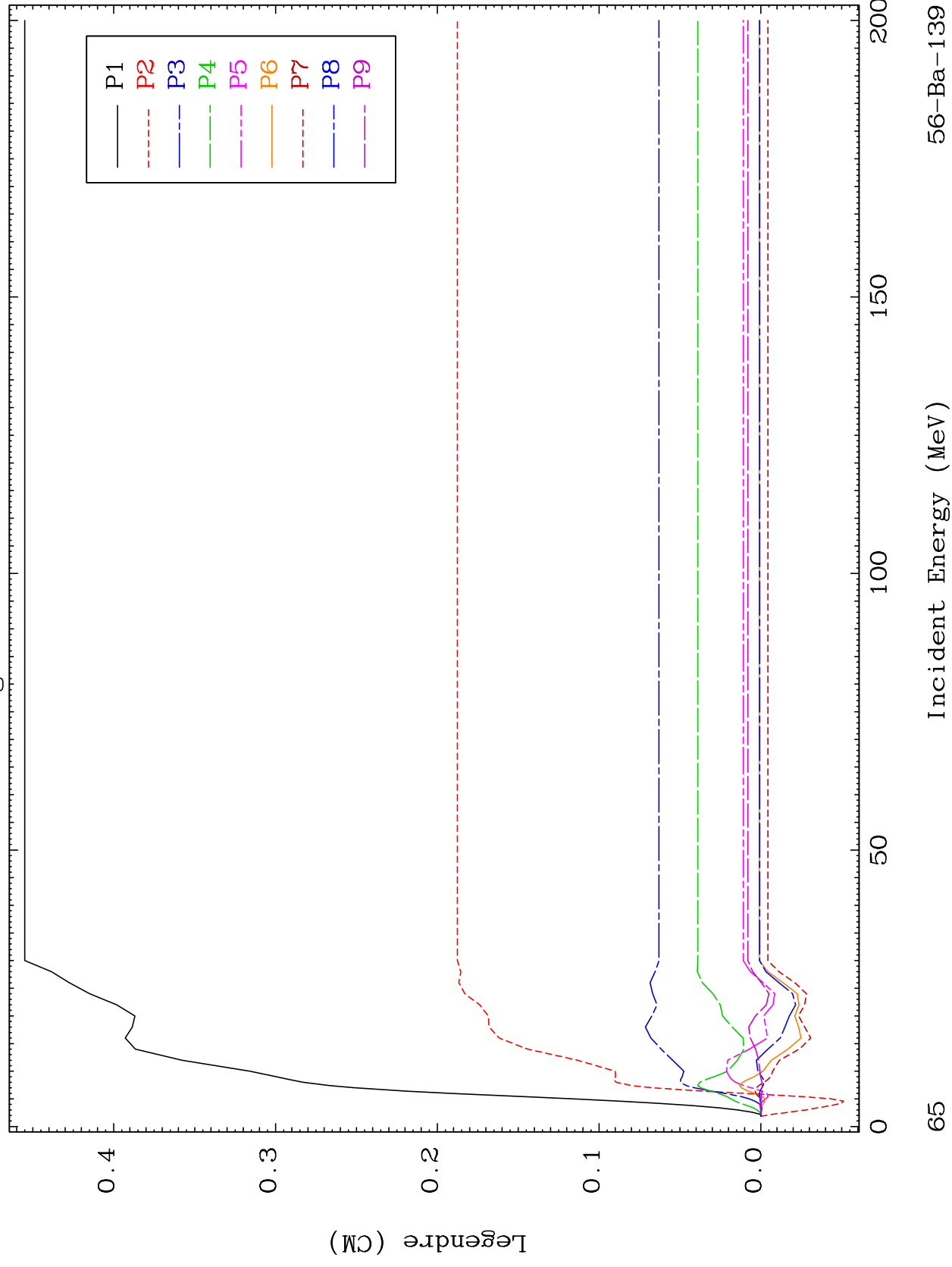


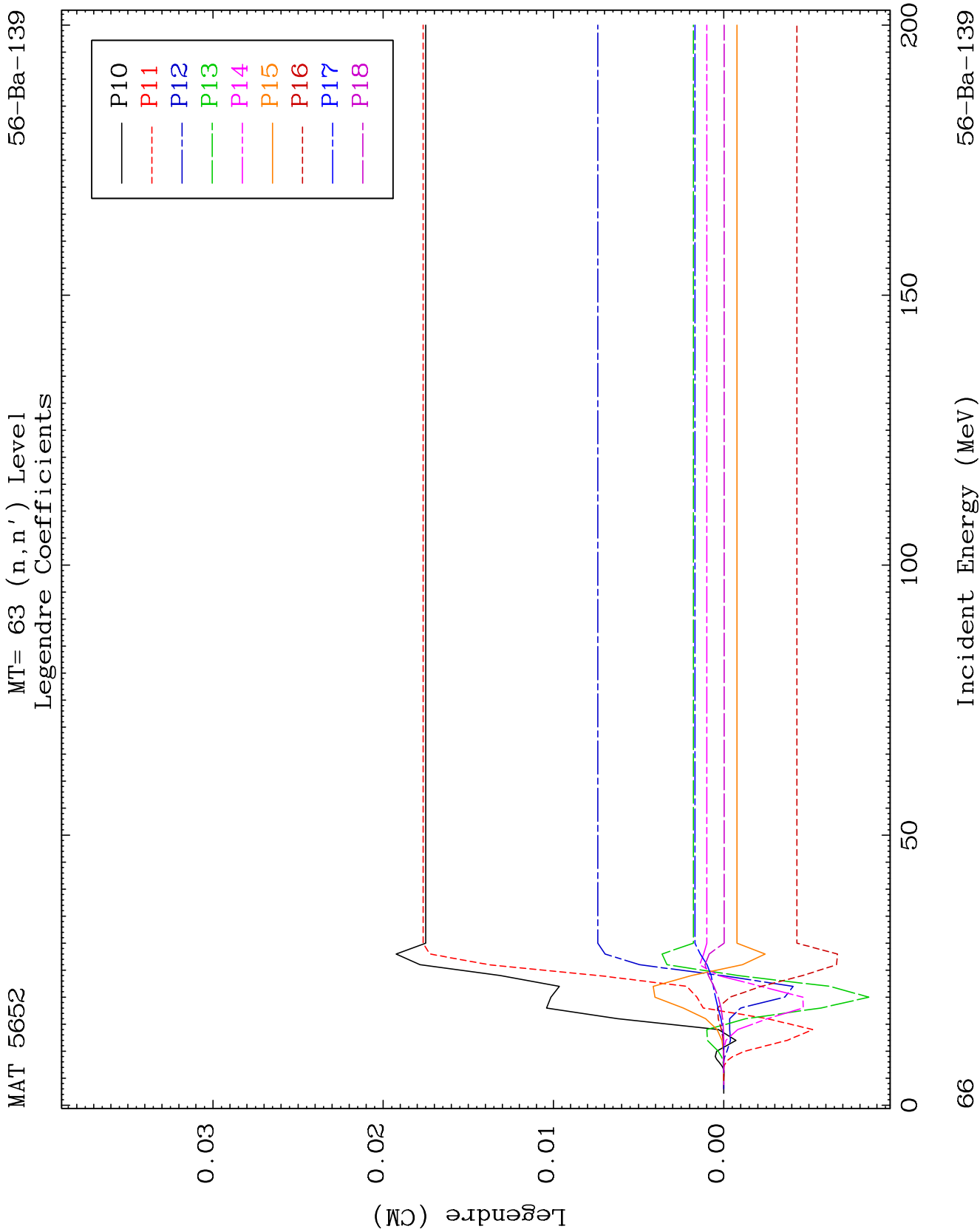


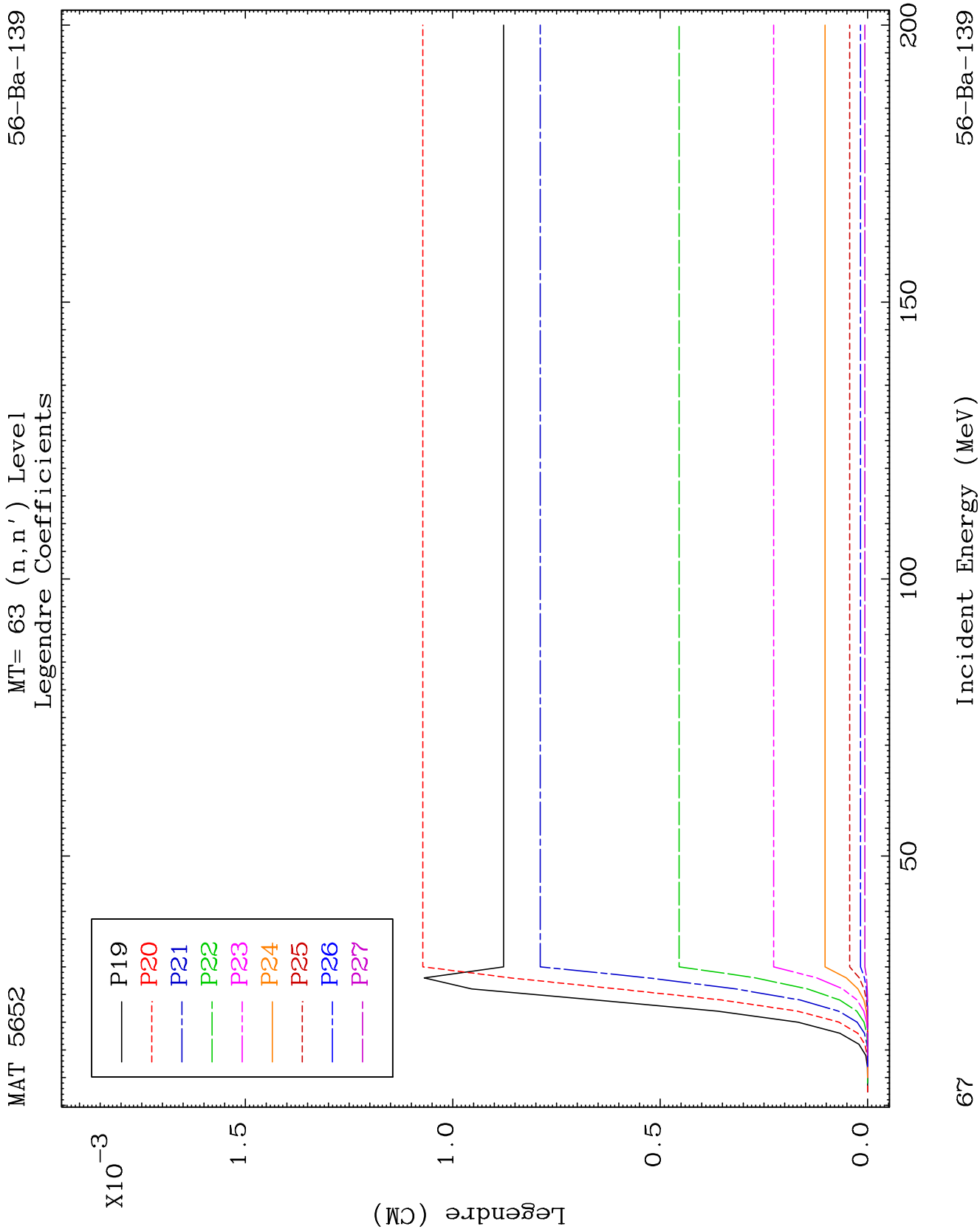
MAT 5652

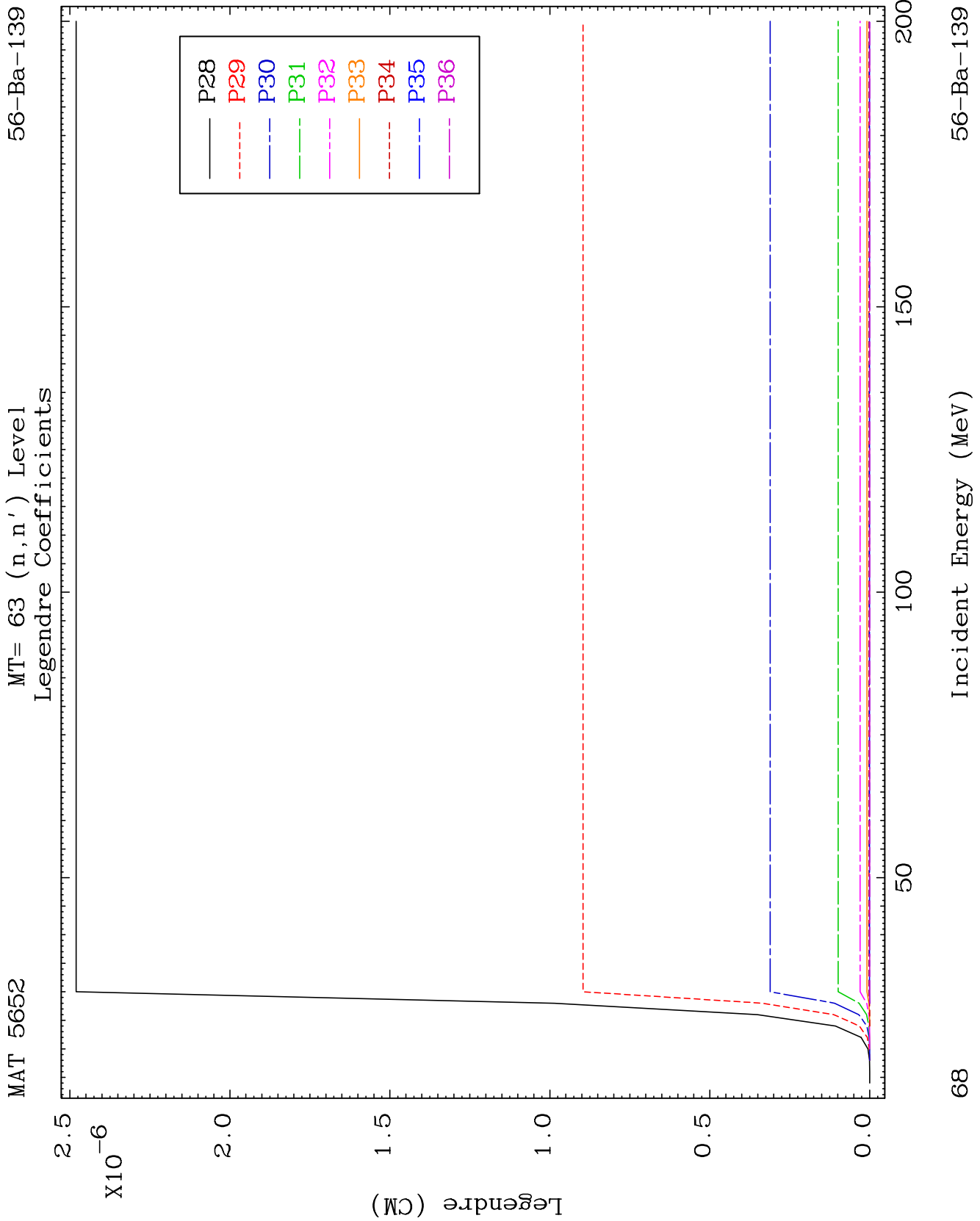
MT= 63 (n, n') Level
Legendre Coefficients

56-Ba-139





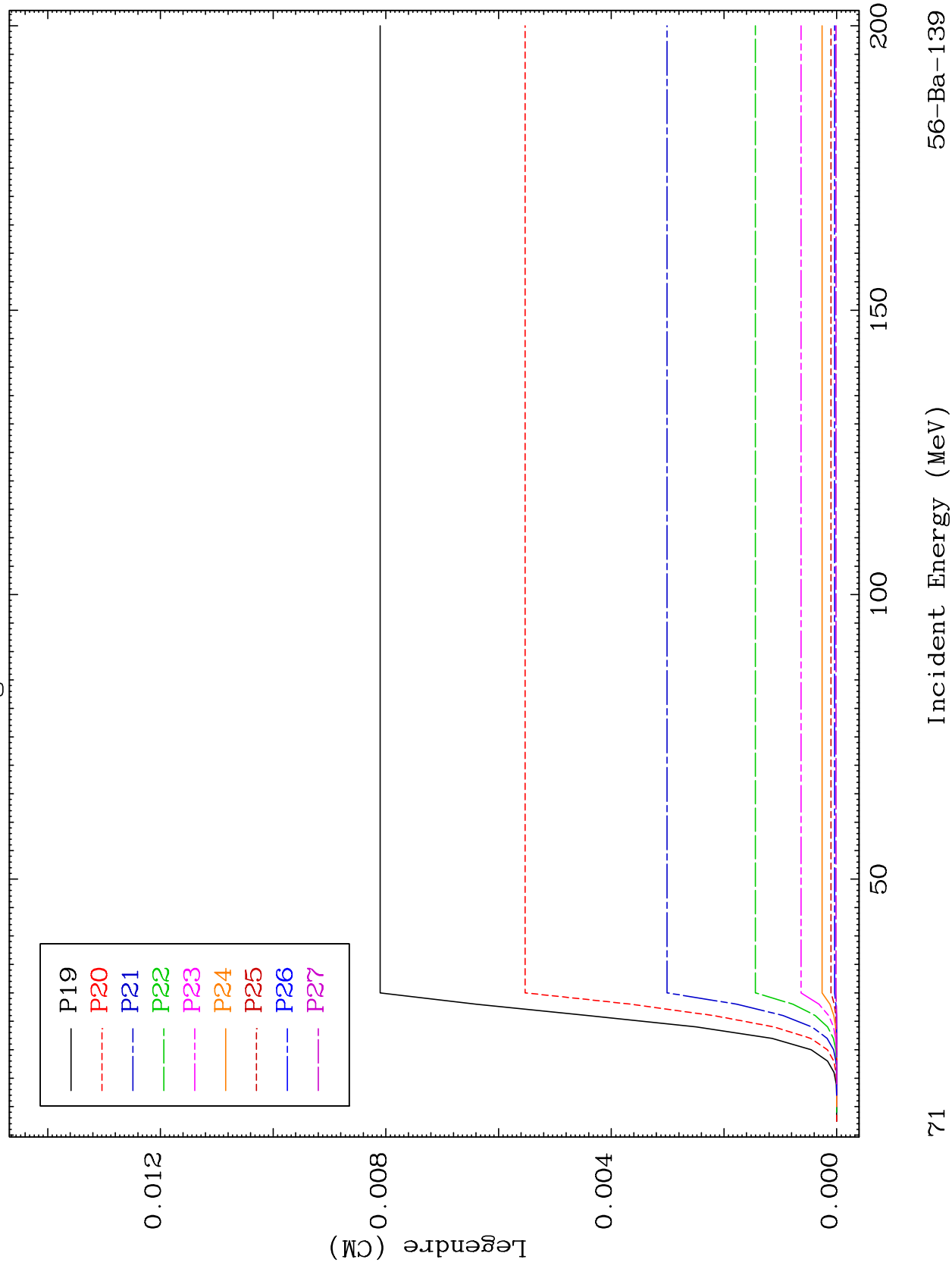


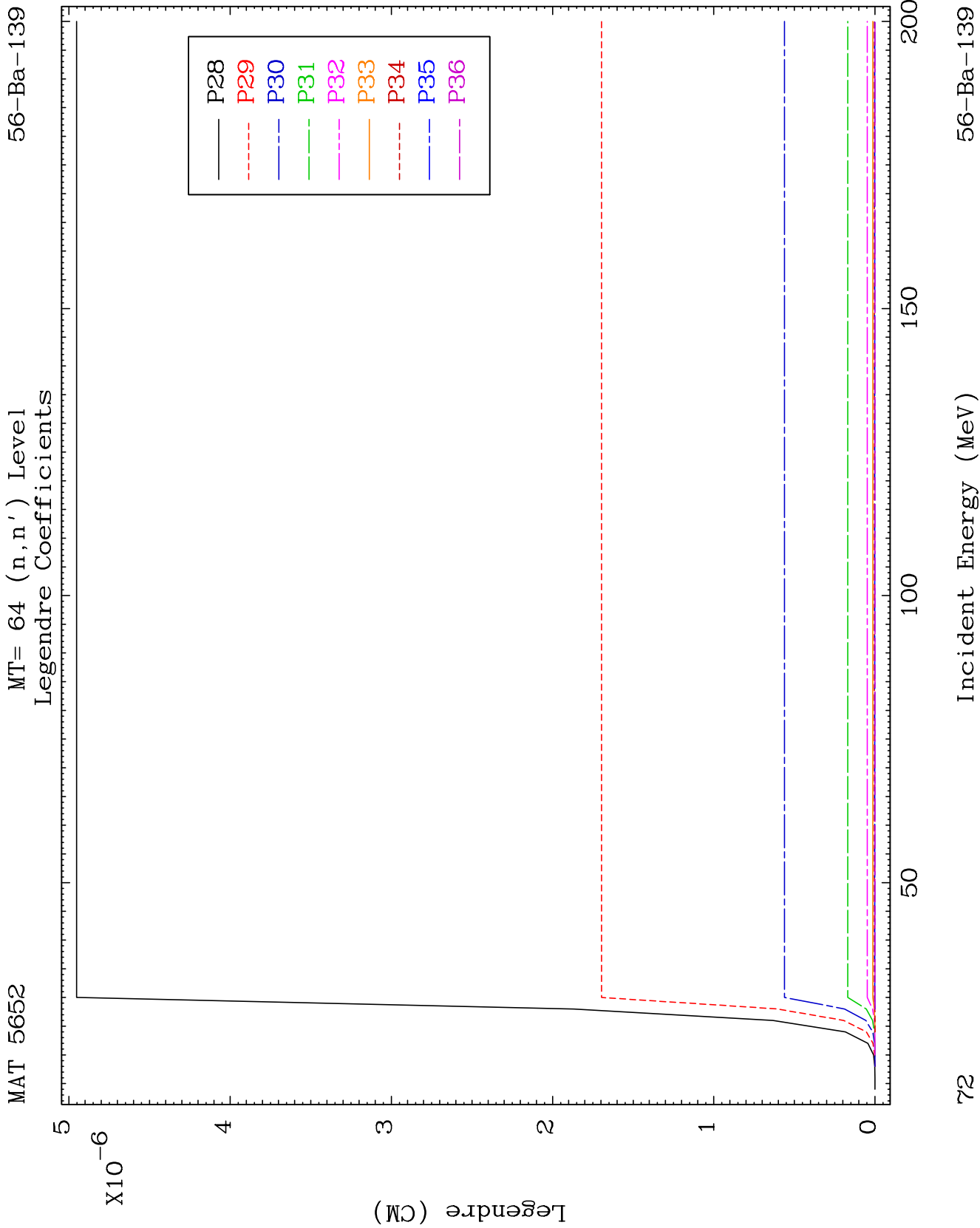


MAT 5652

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

56-Ba-139

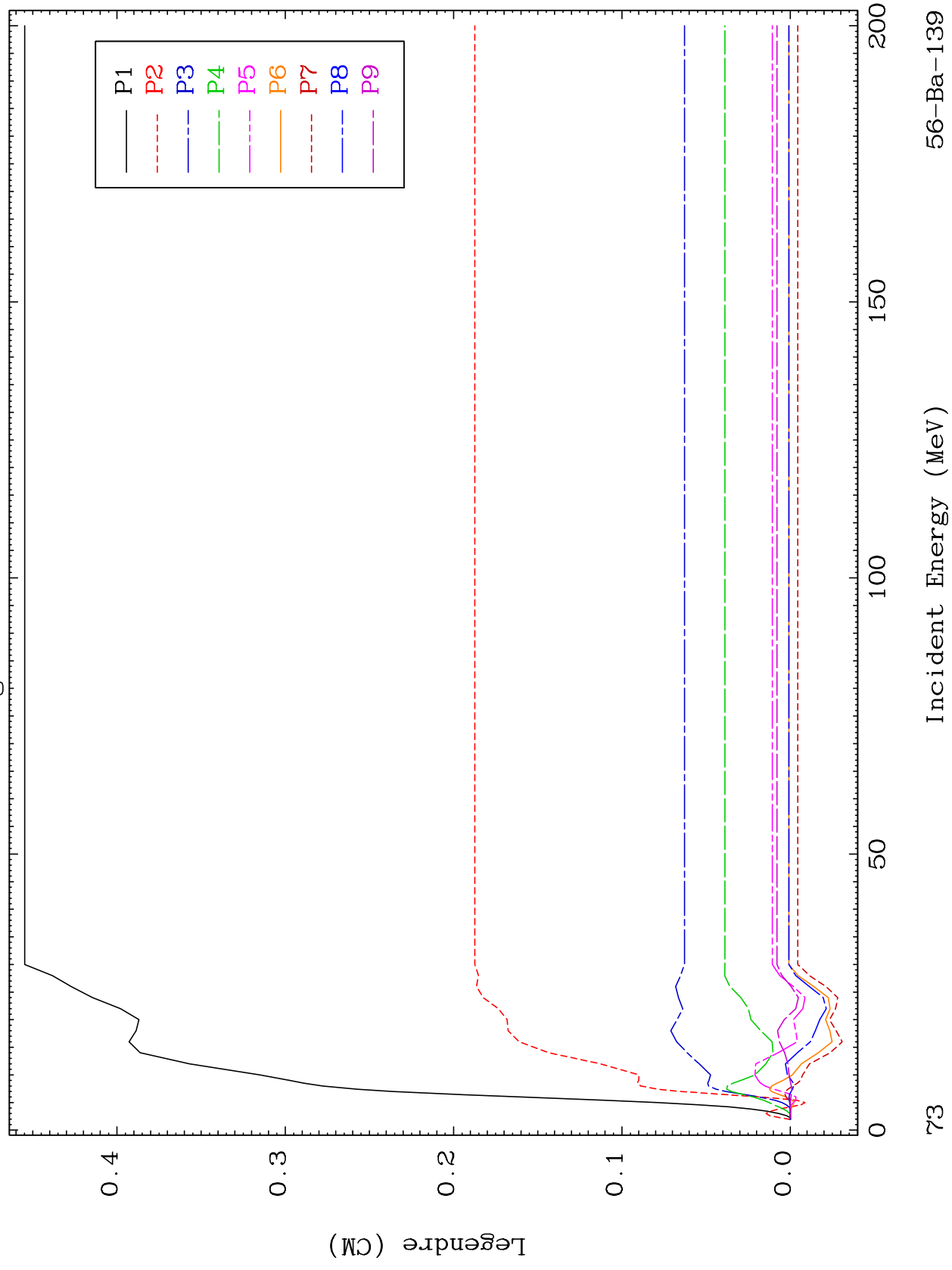


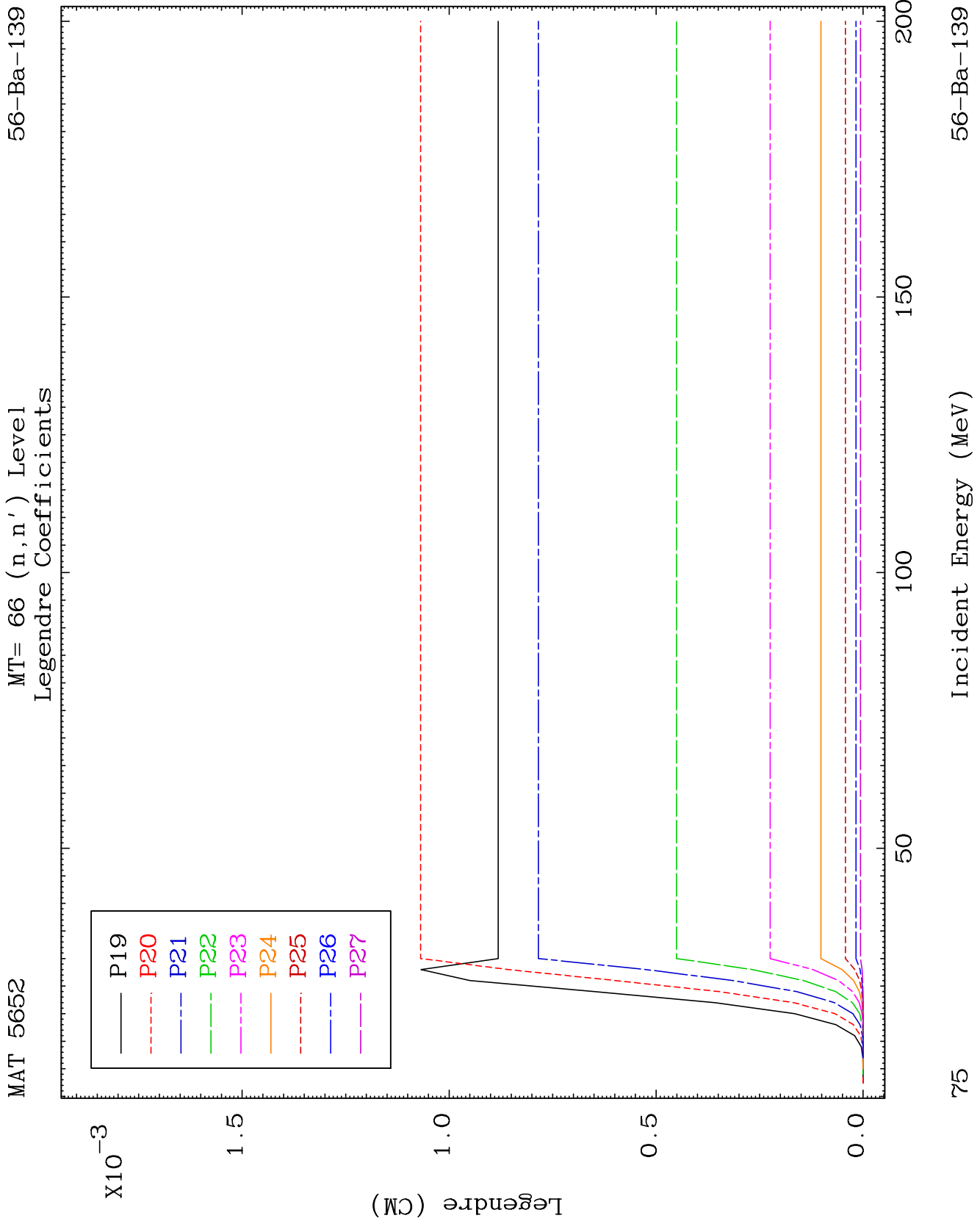


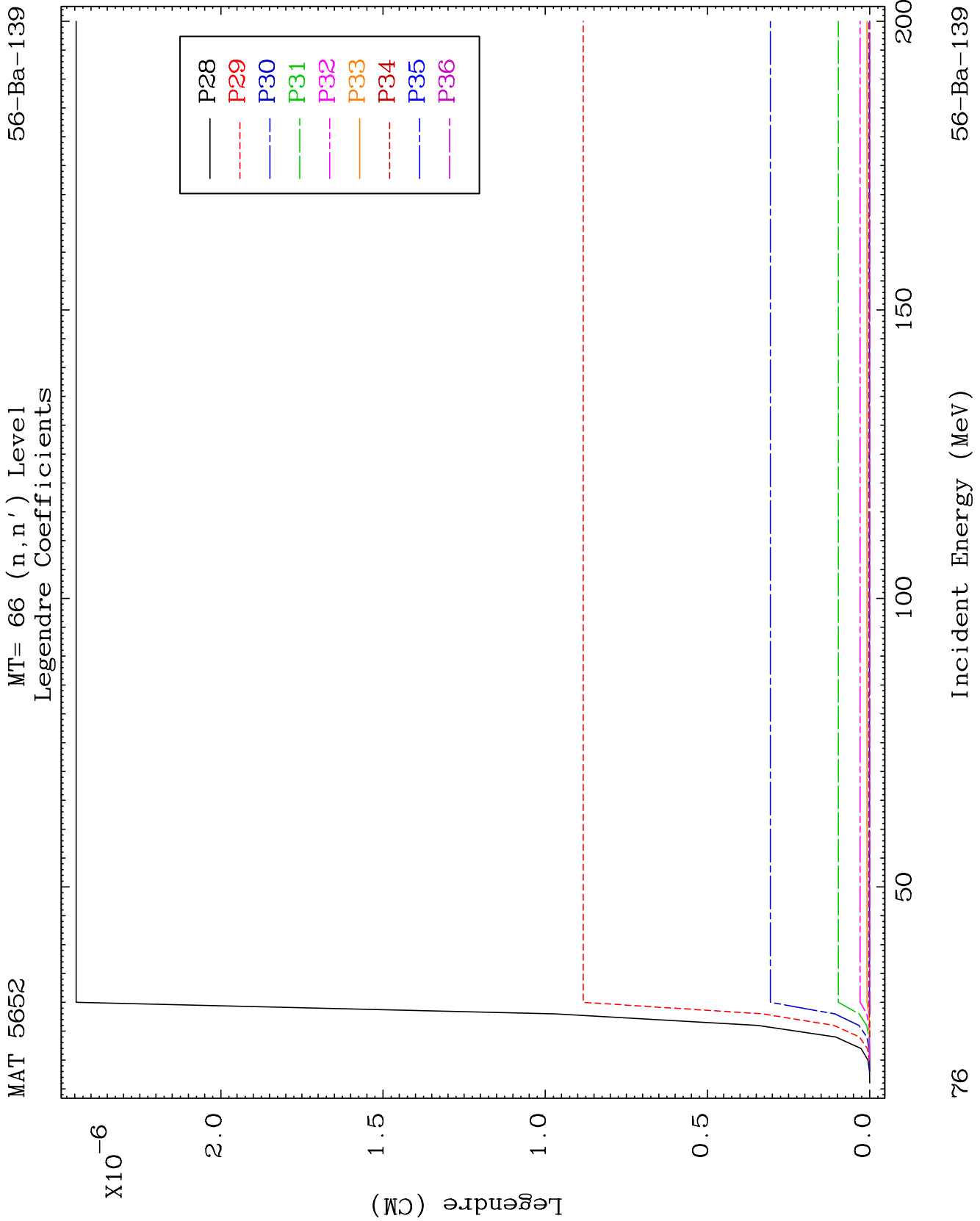
MAT 5652

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

56-Ba-139



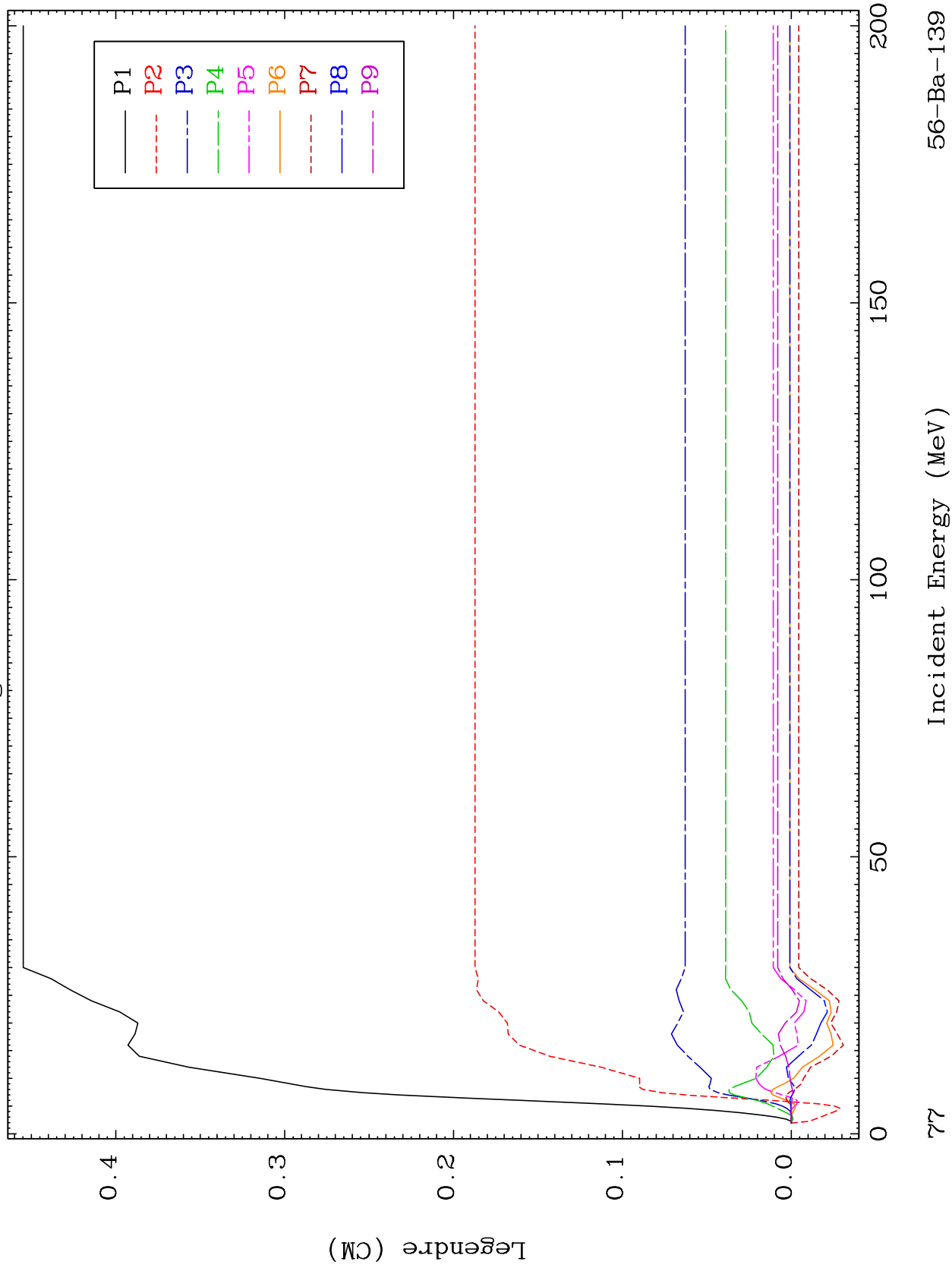


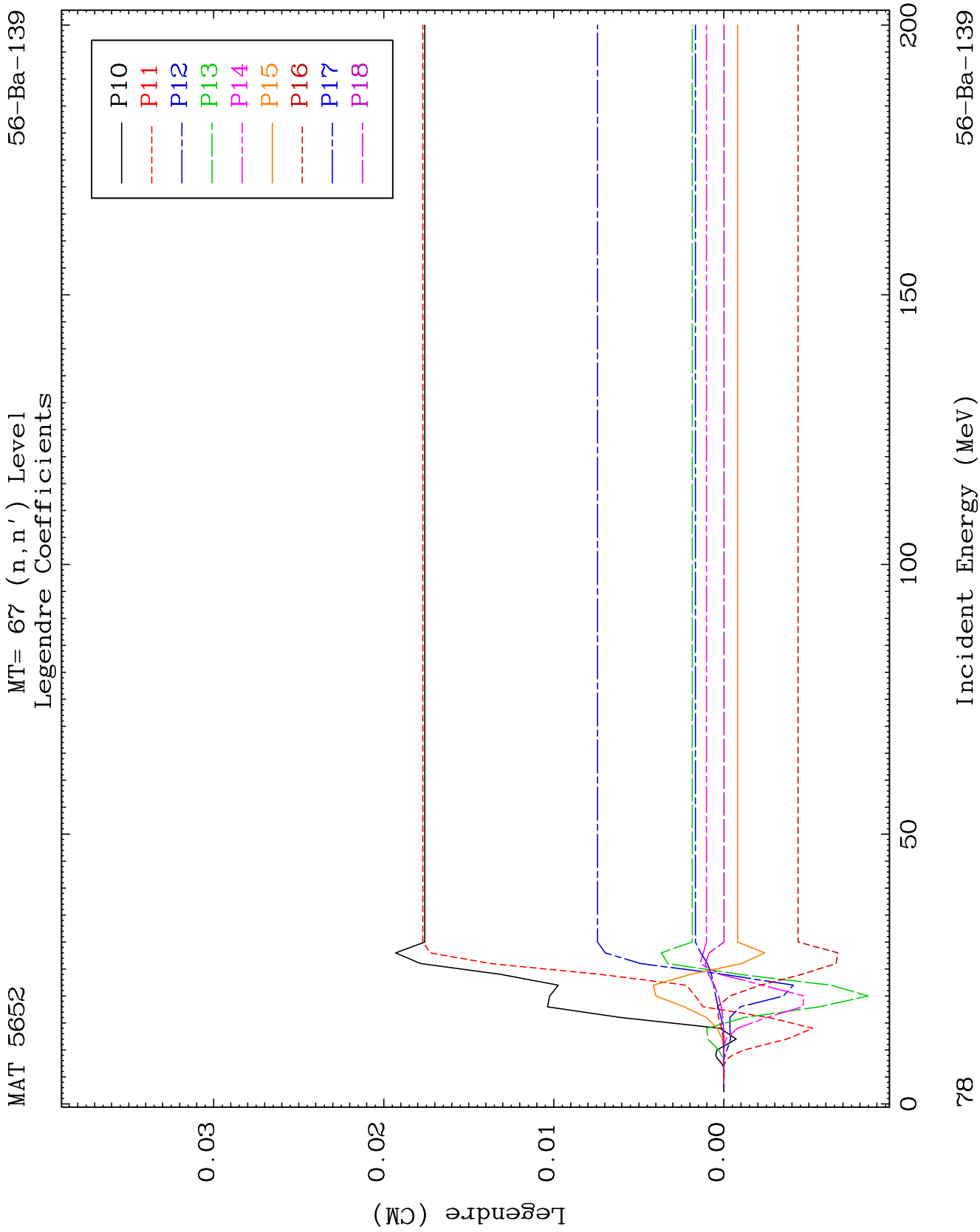


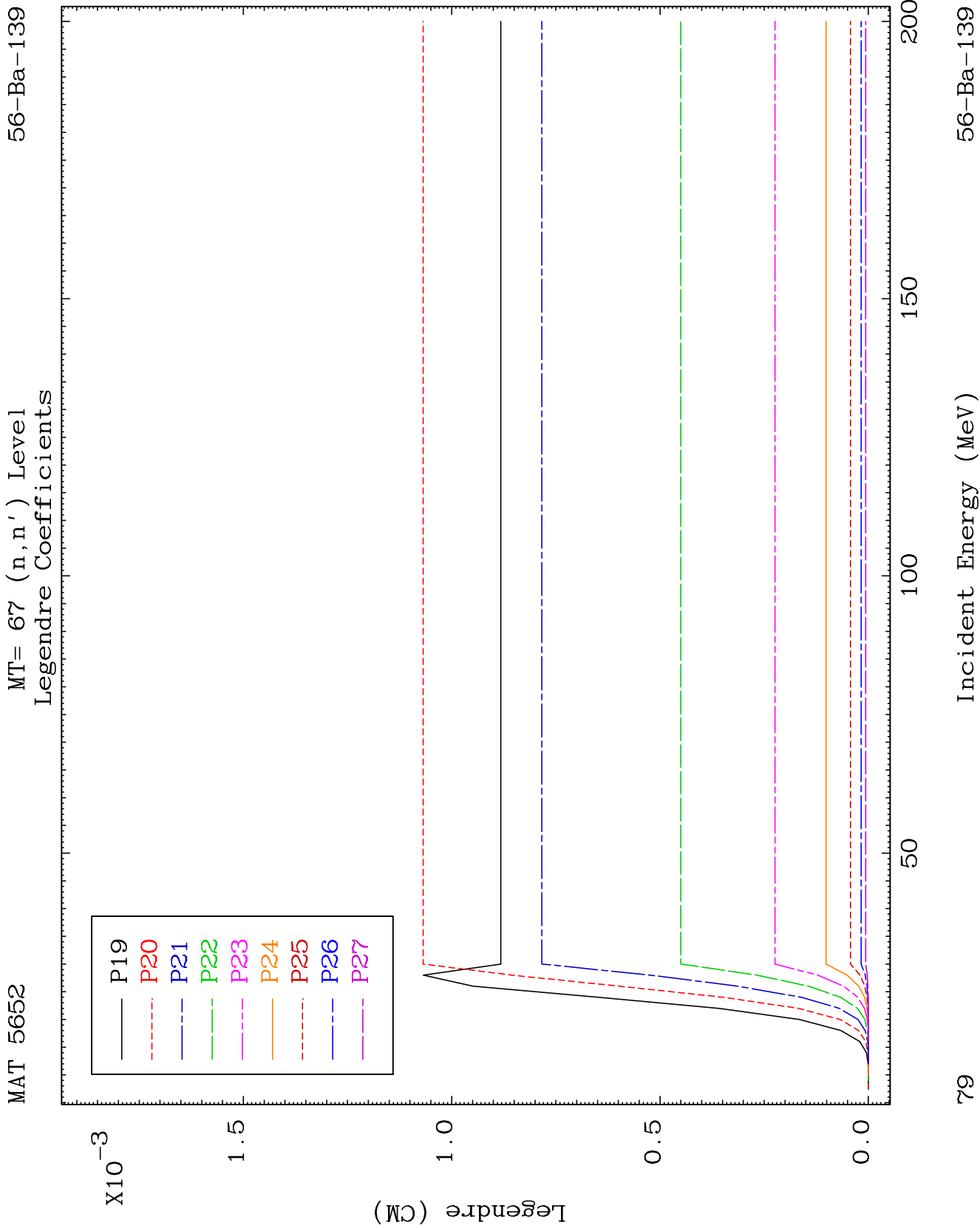
MAT 5652

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

56-Ba-139



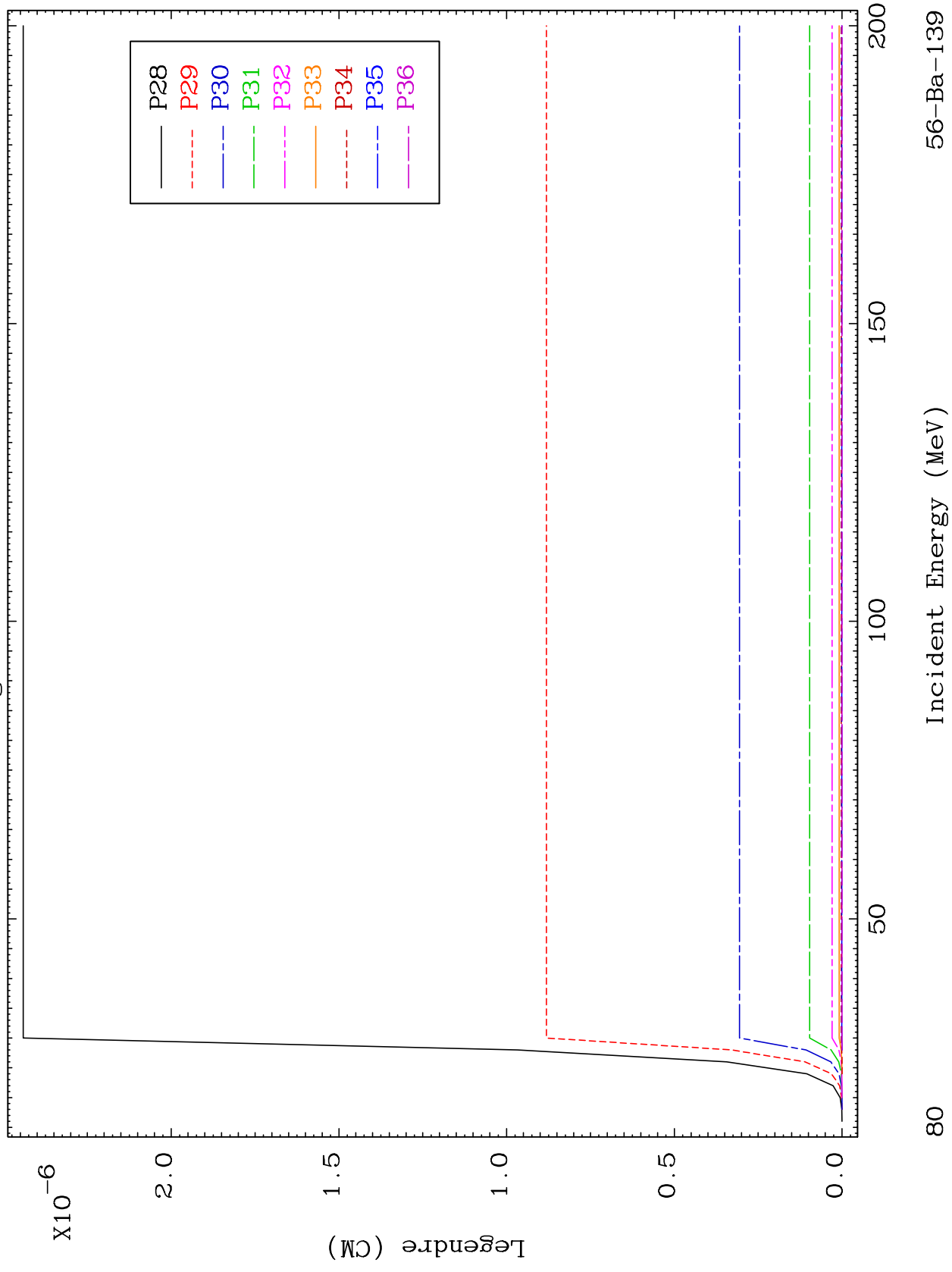


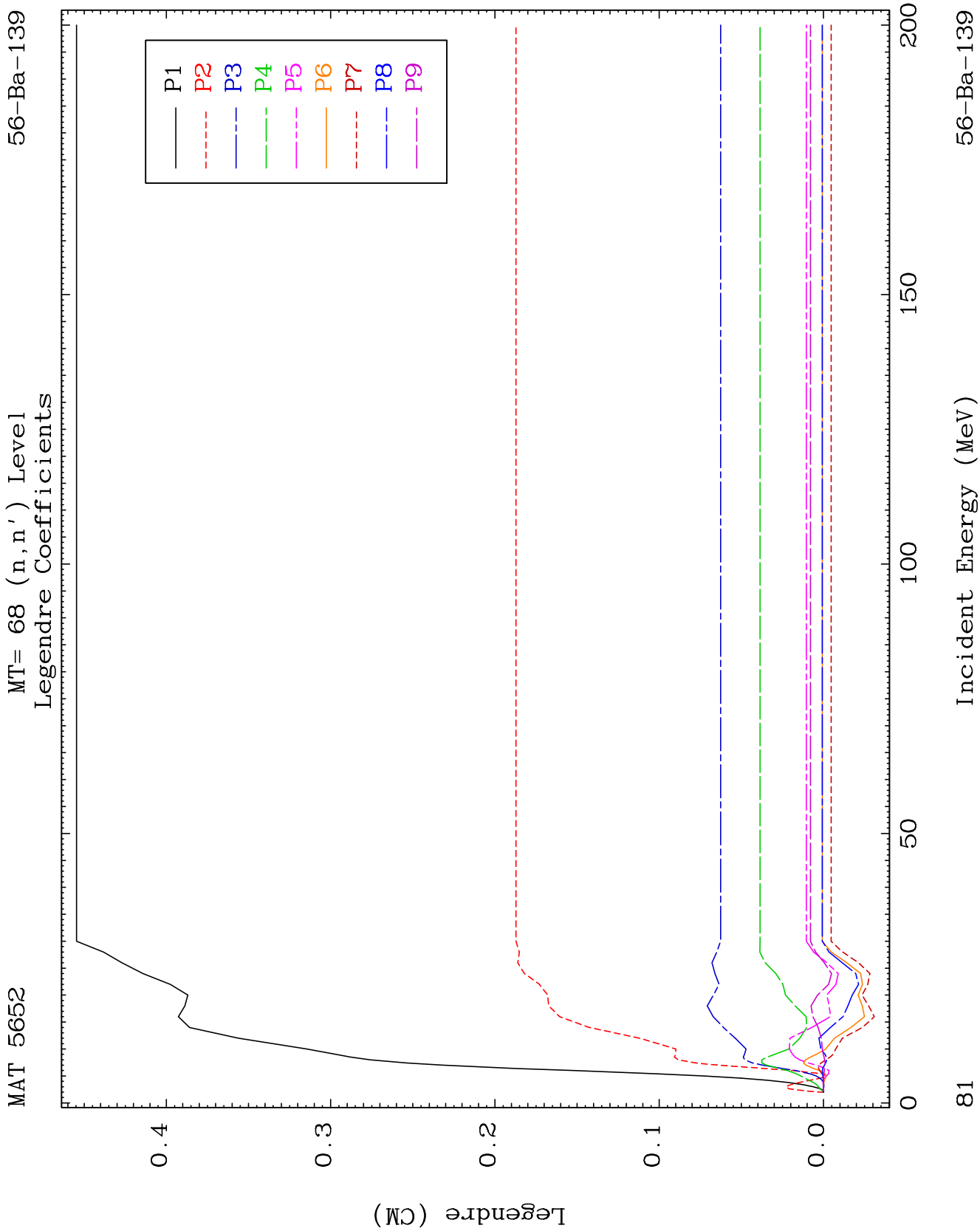


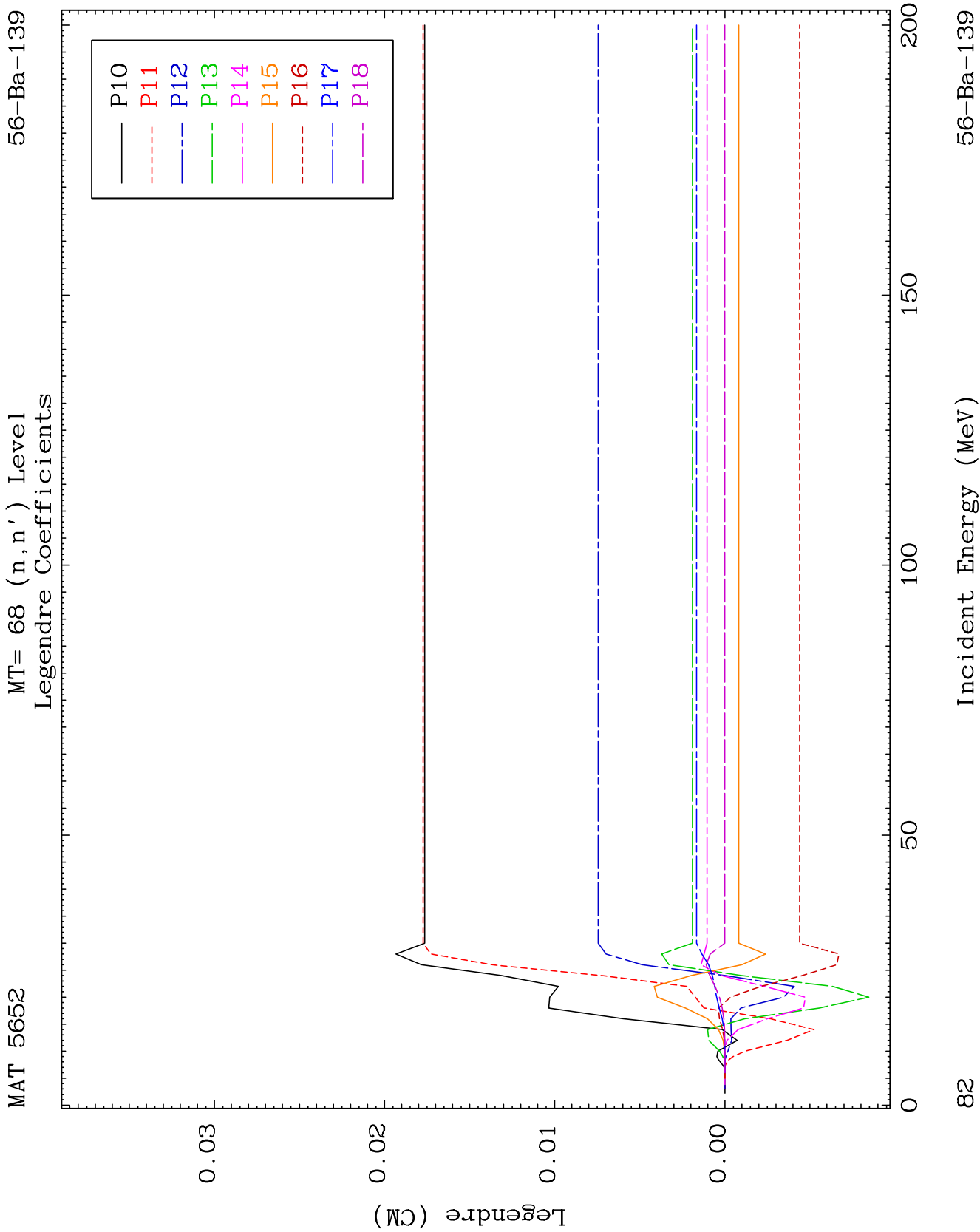
MAT 5652

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

56-Ba-139



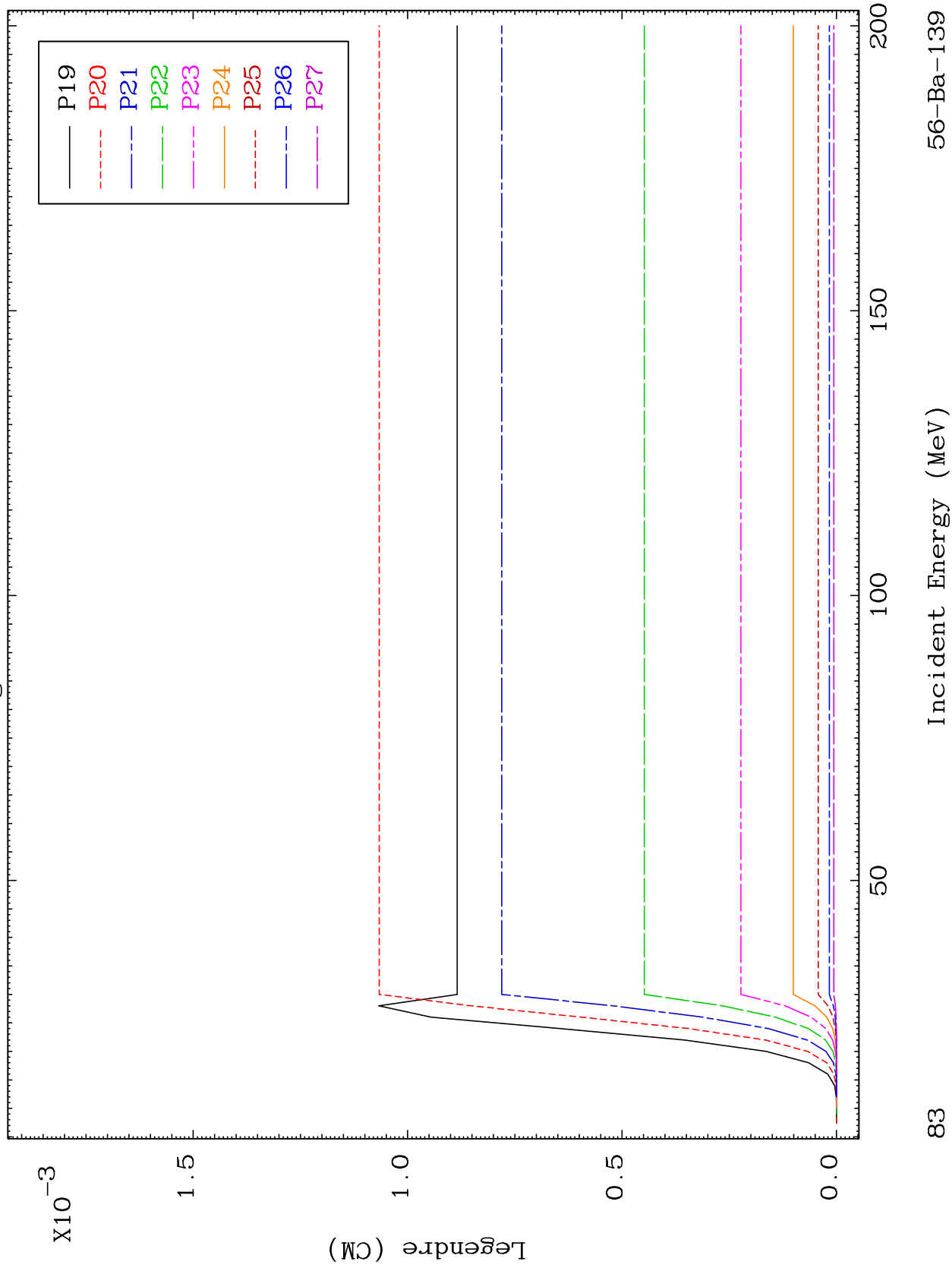


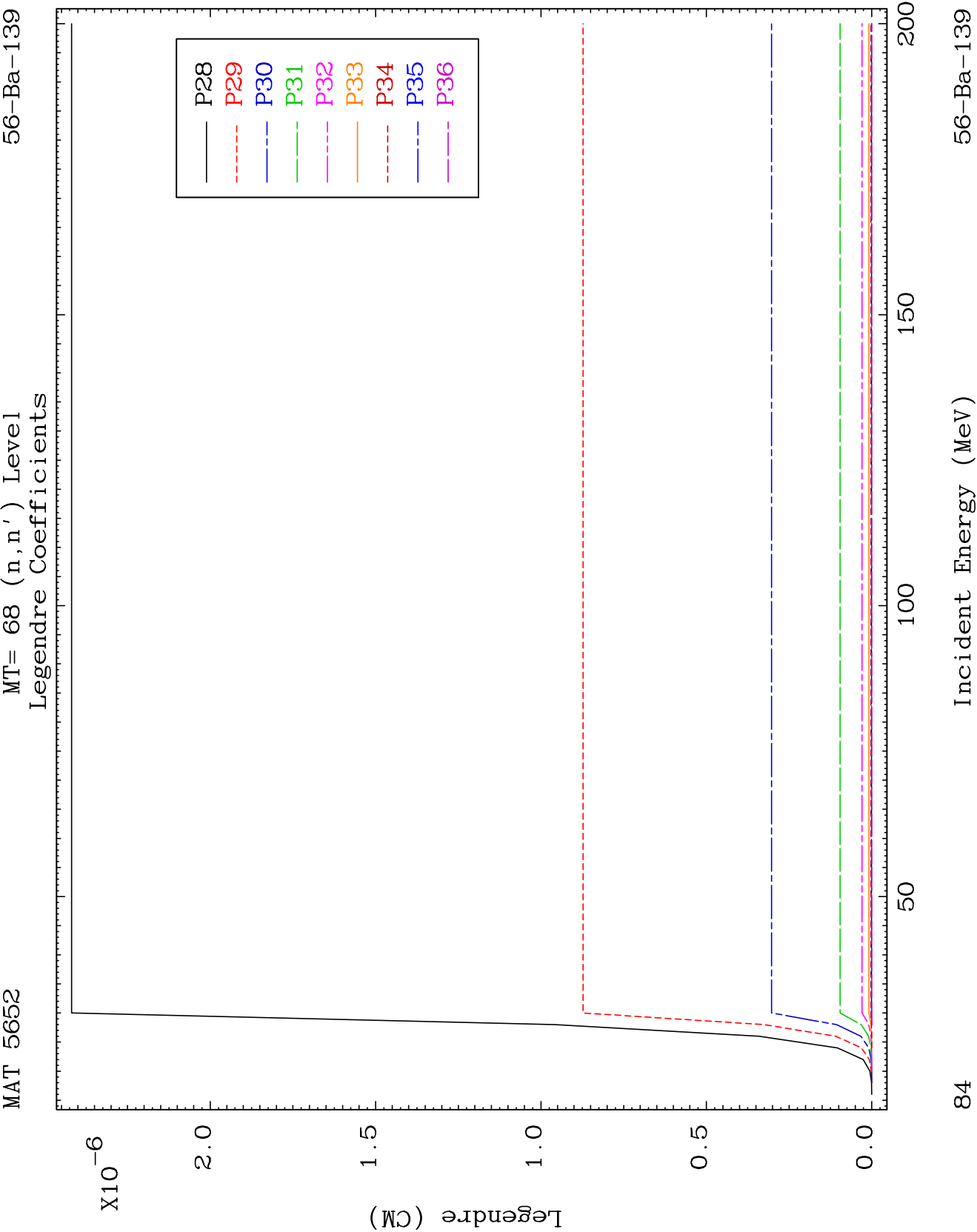


MAT 5652

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

56-Ba-139

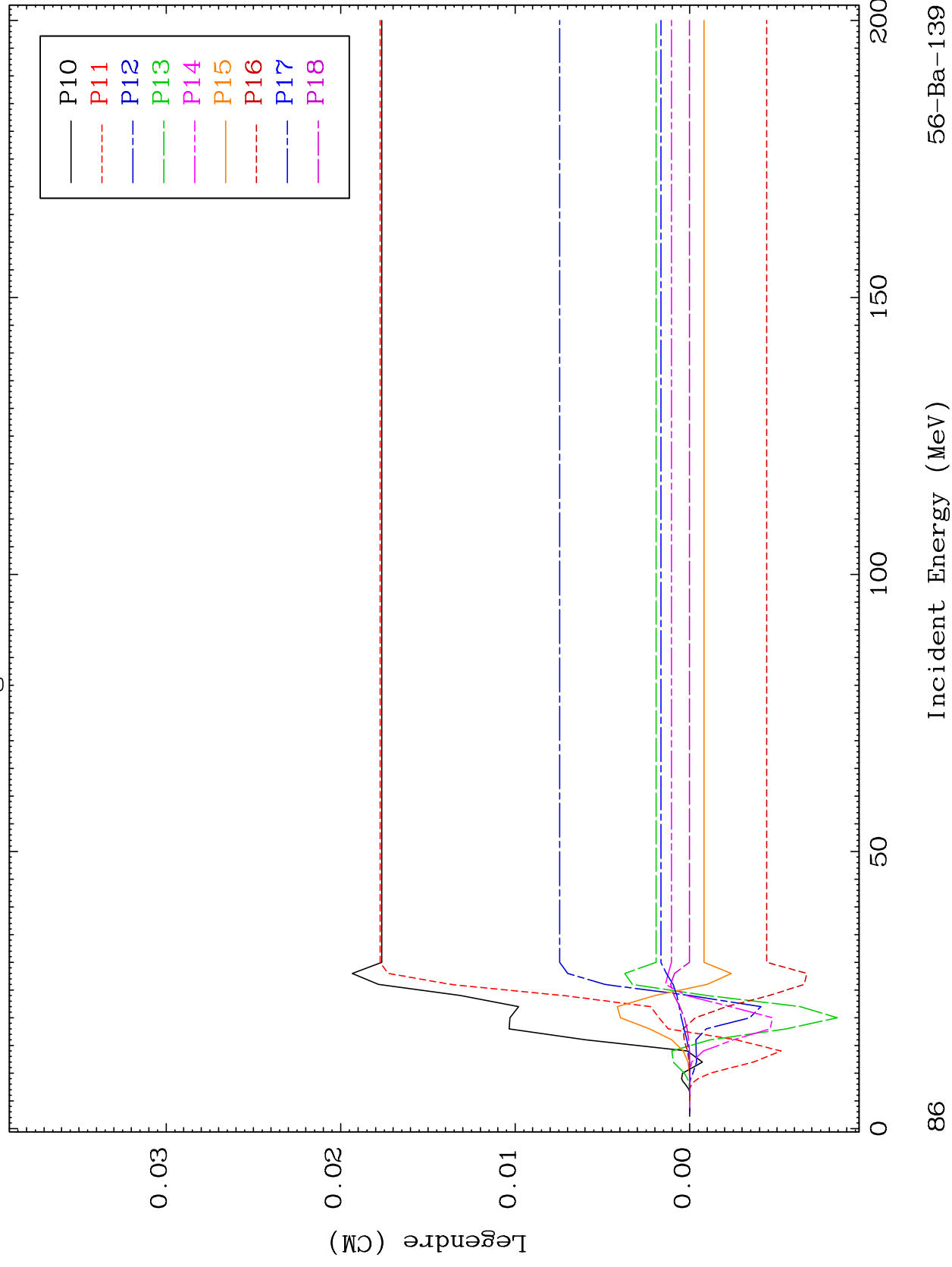




MAT 5652

MT= 69 (n, n') Level
Legendre Coefficients

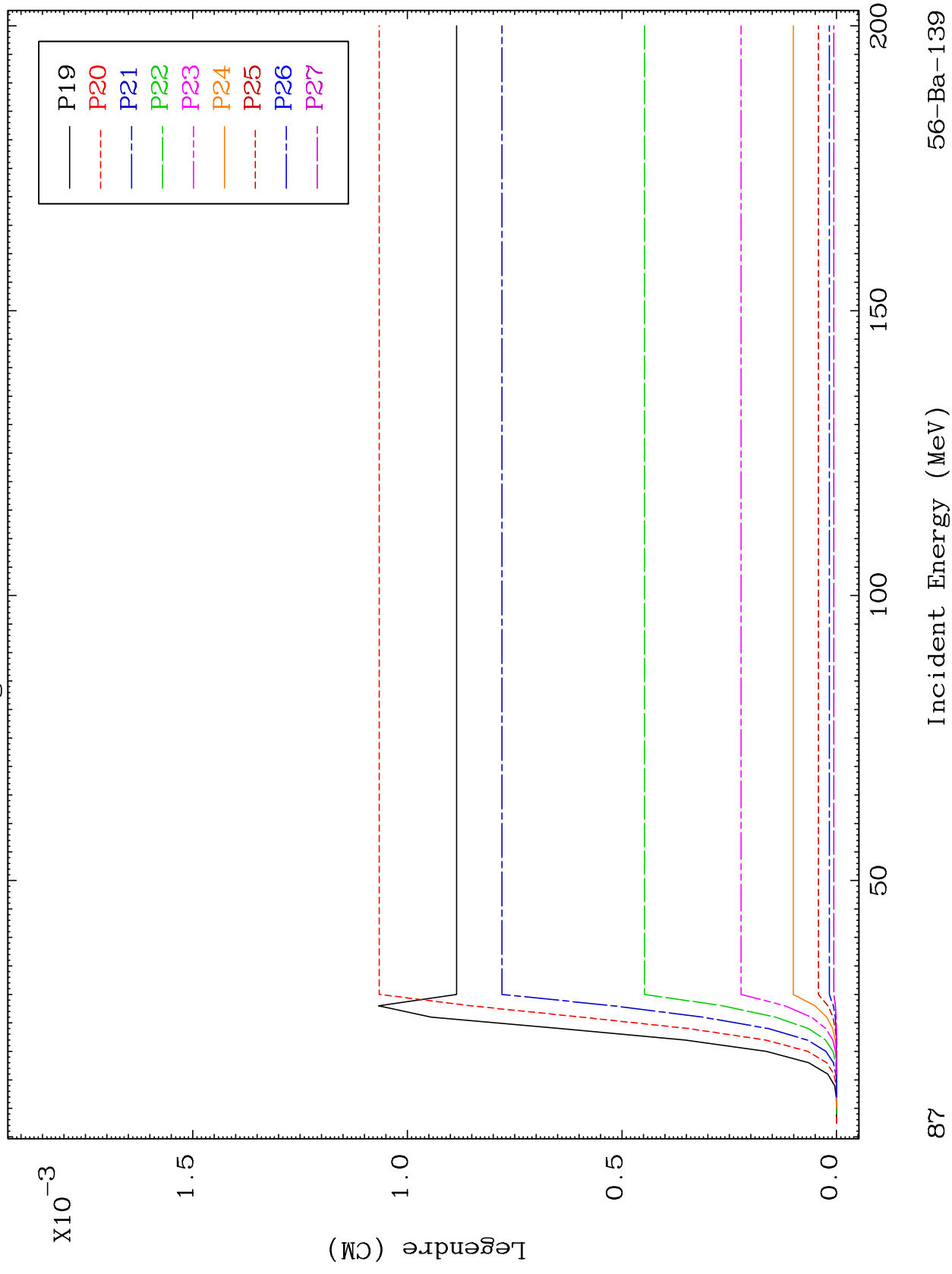
56-Ba-139



MAT 5652

MT= 69 (n, n') Level
Legendre Coefficients

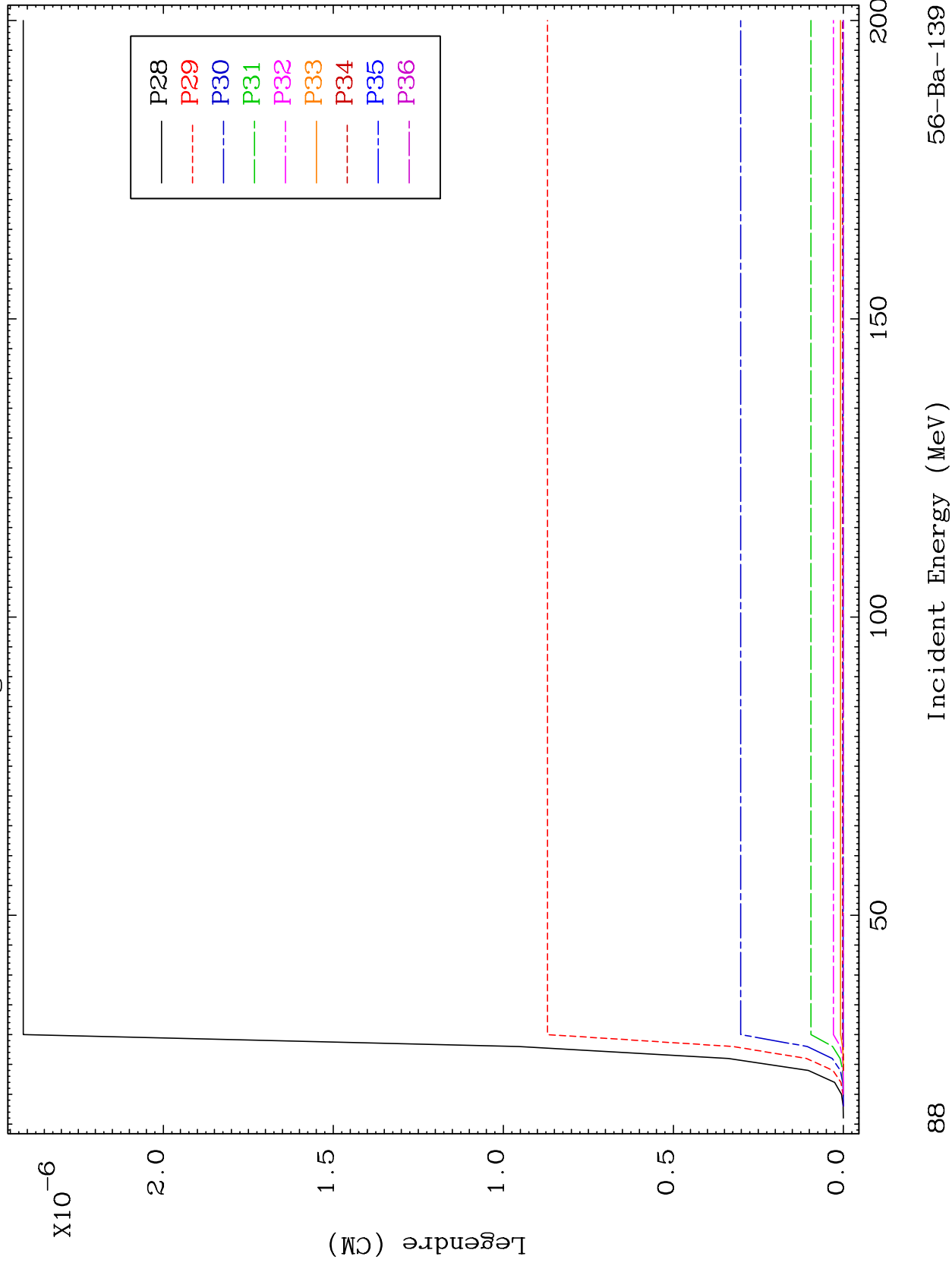
56-Ba-139

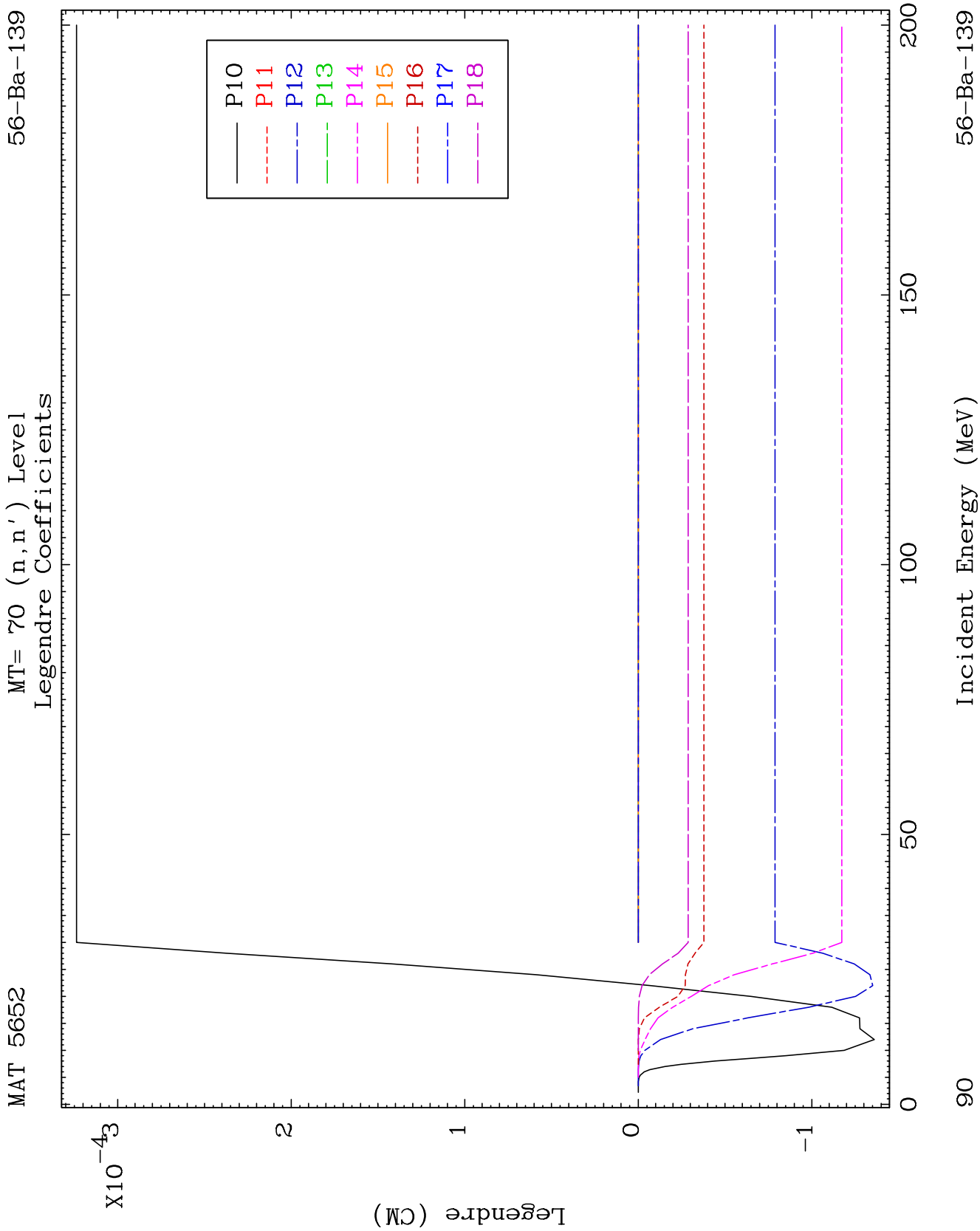


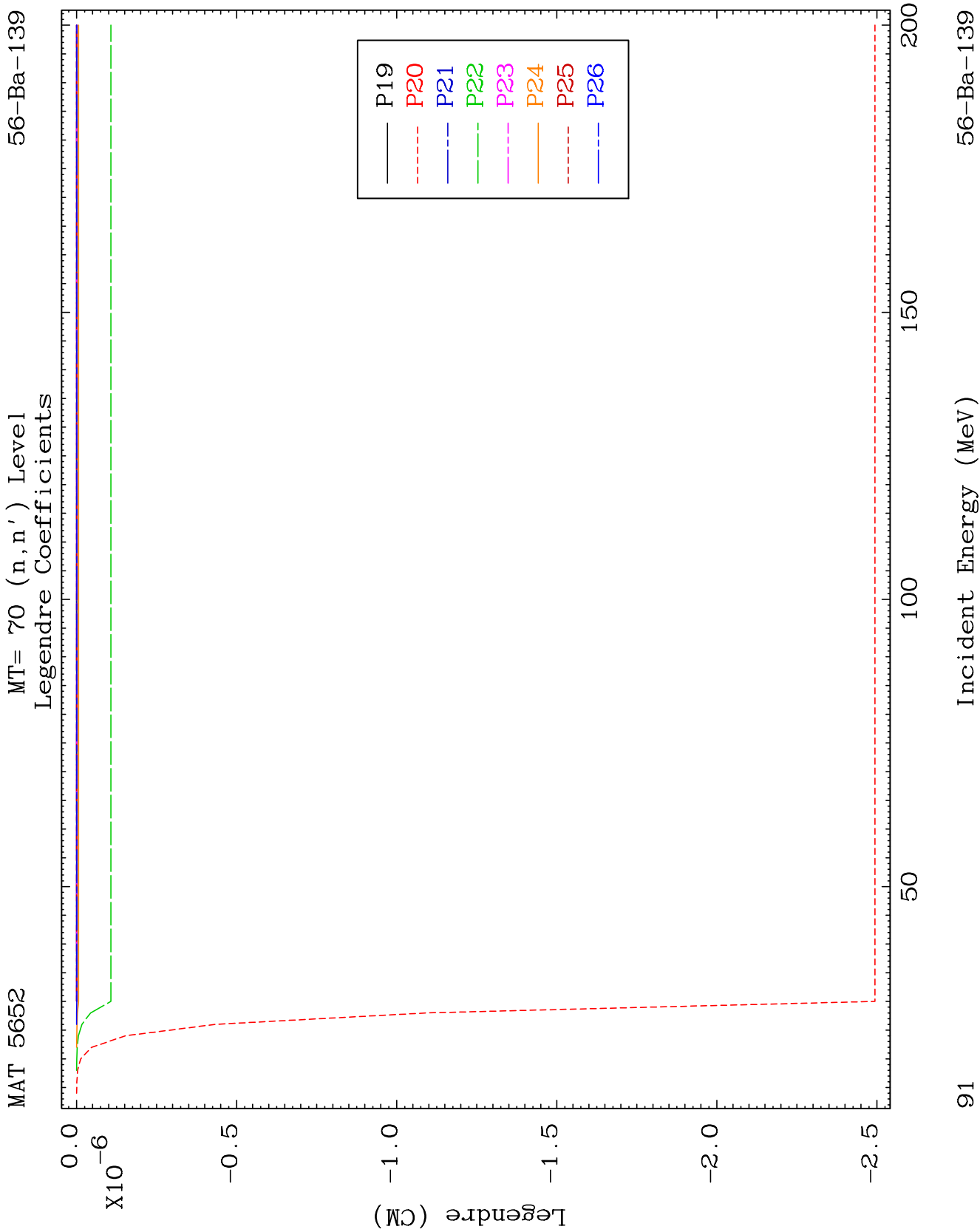
MAT 5652

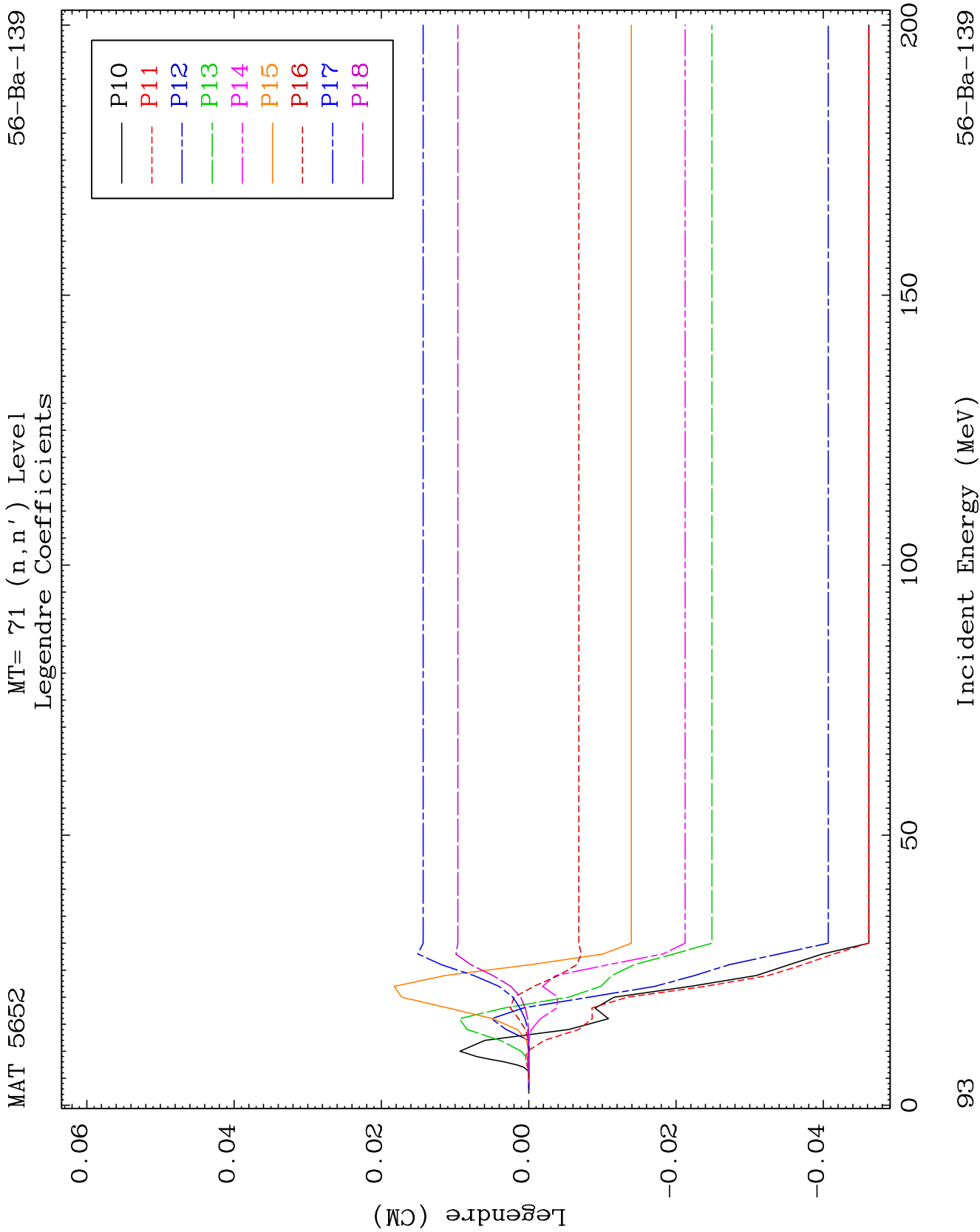
MT= 69 (n, n') Level
Legendre Coefficients

56-Ba-139





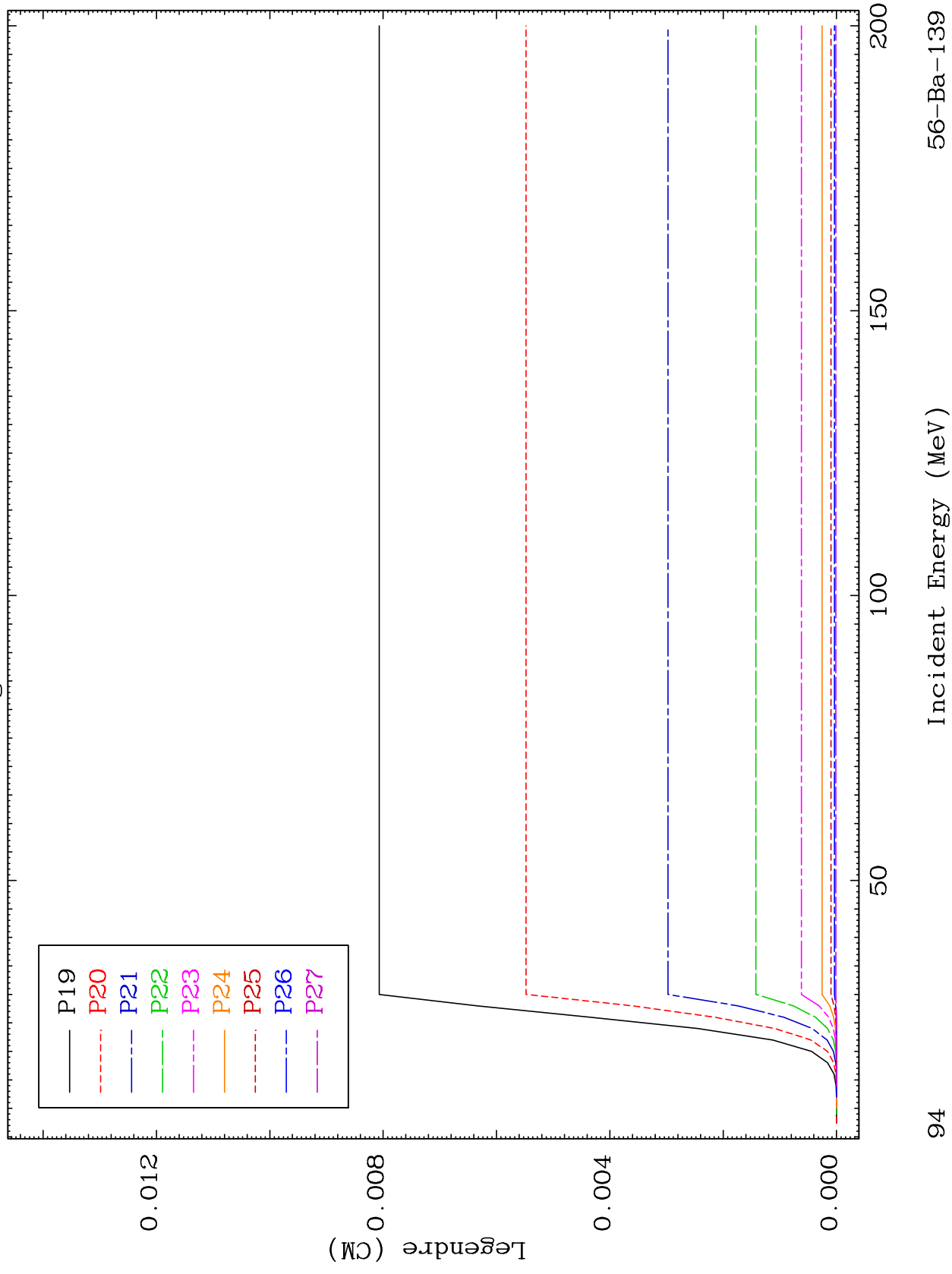




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MT= 71 (n, n') Level
Legendre Coefficients

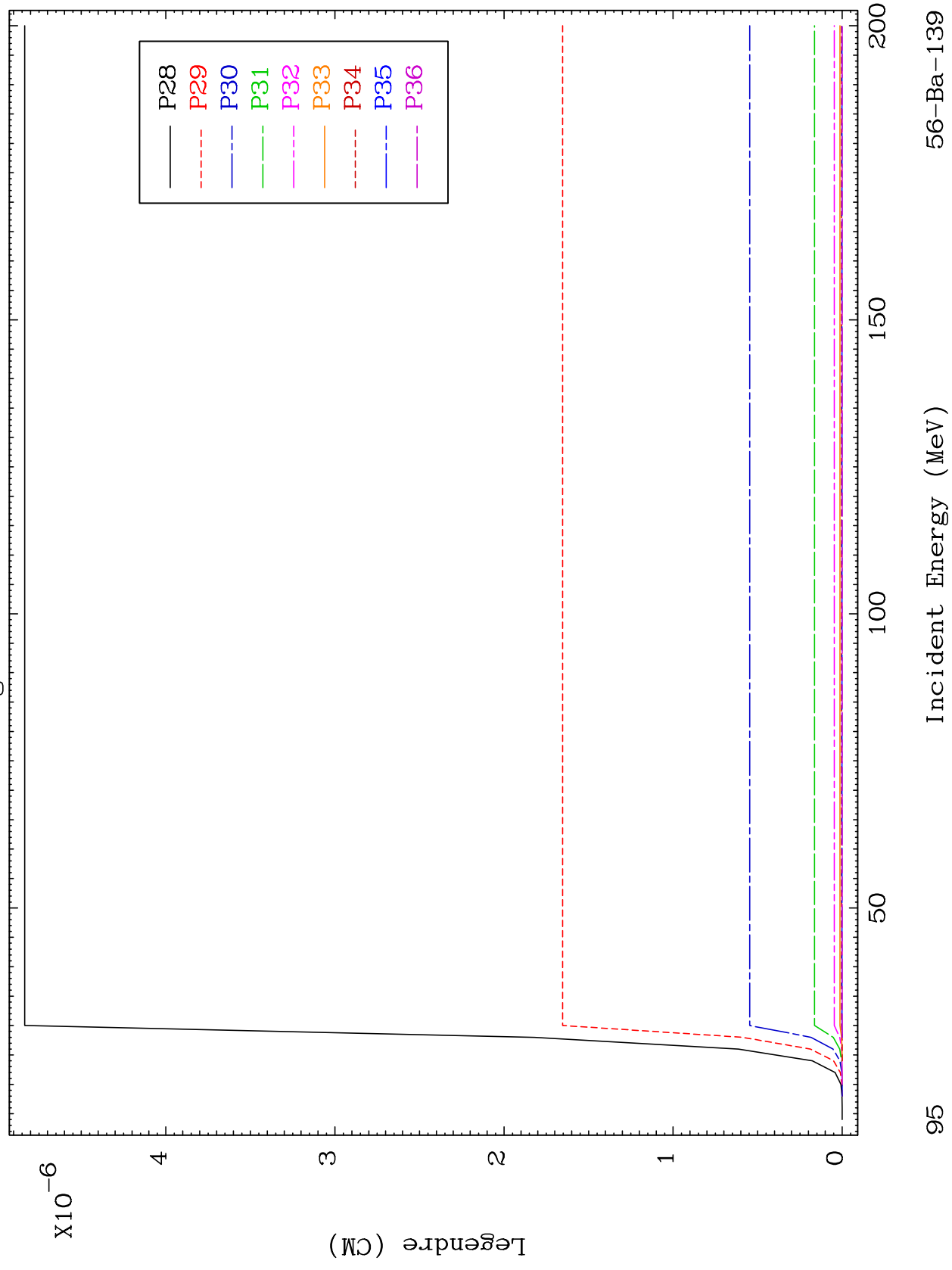
56-Ba-139



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

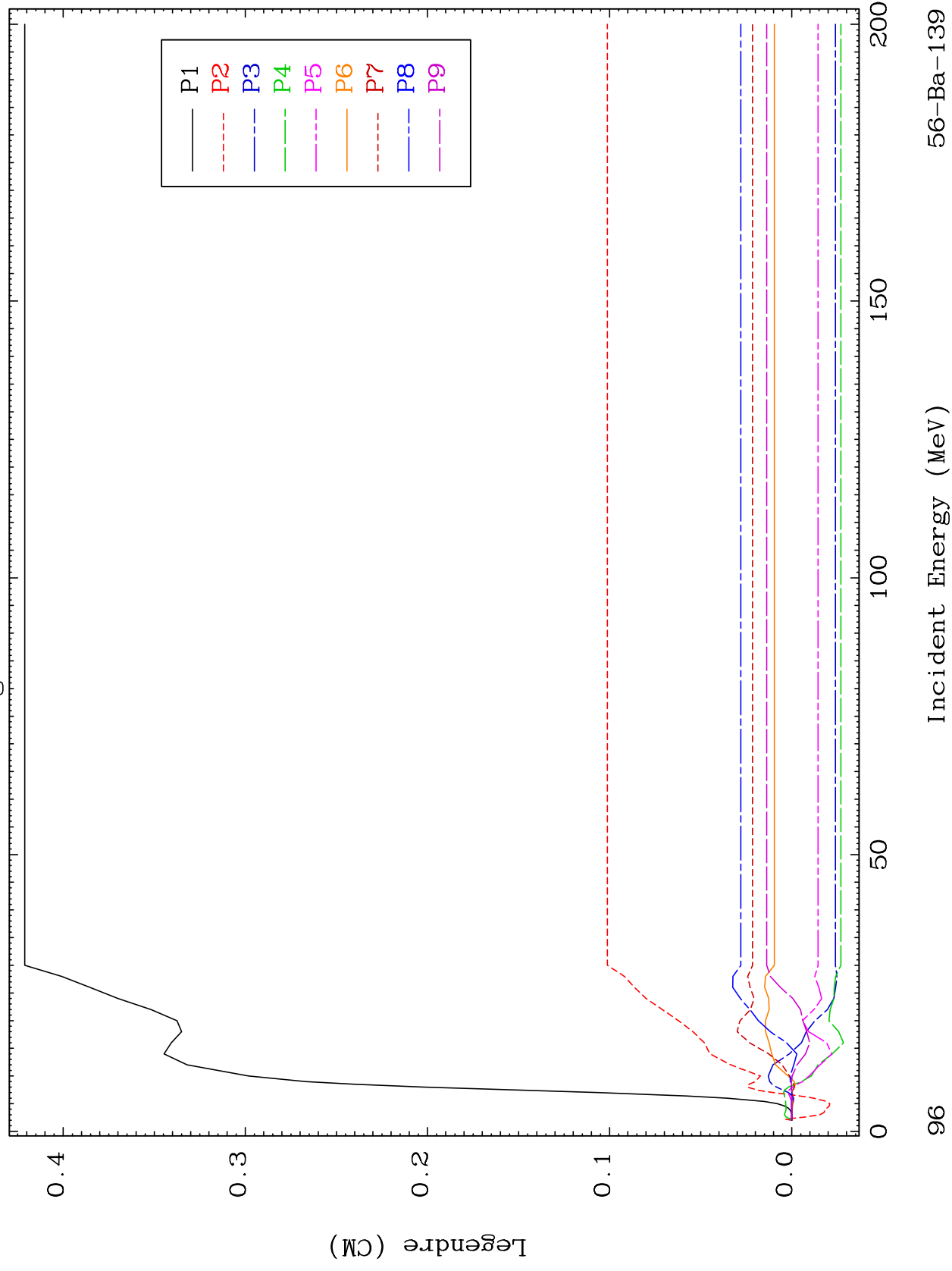
56-Ba-139

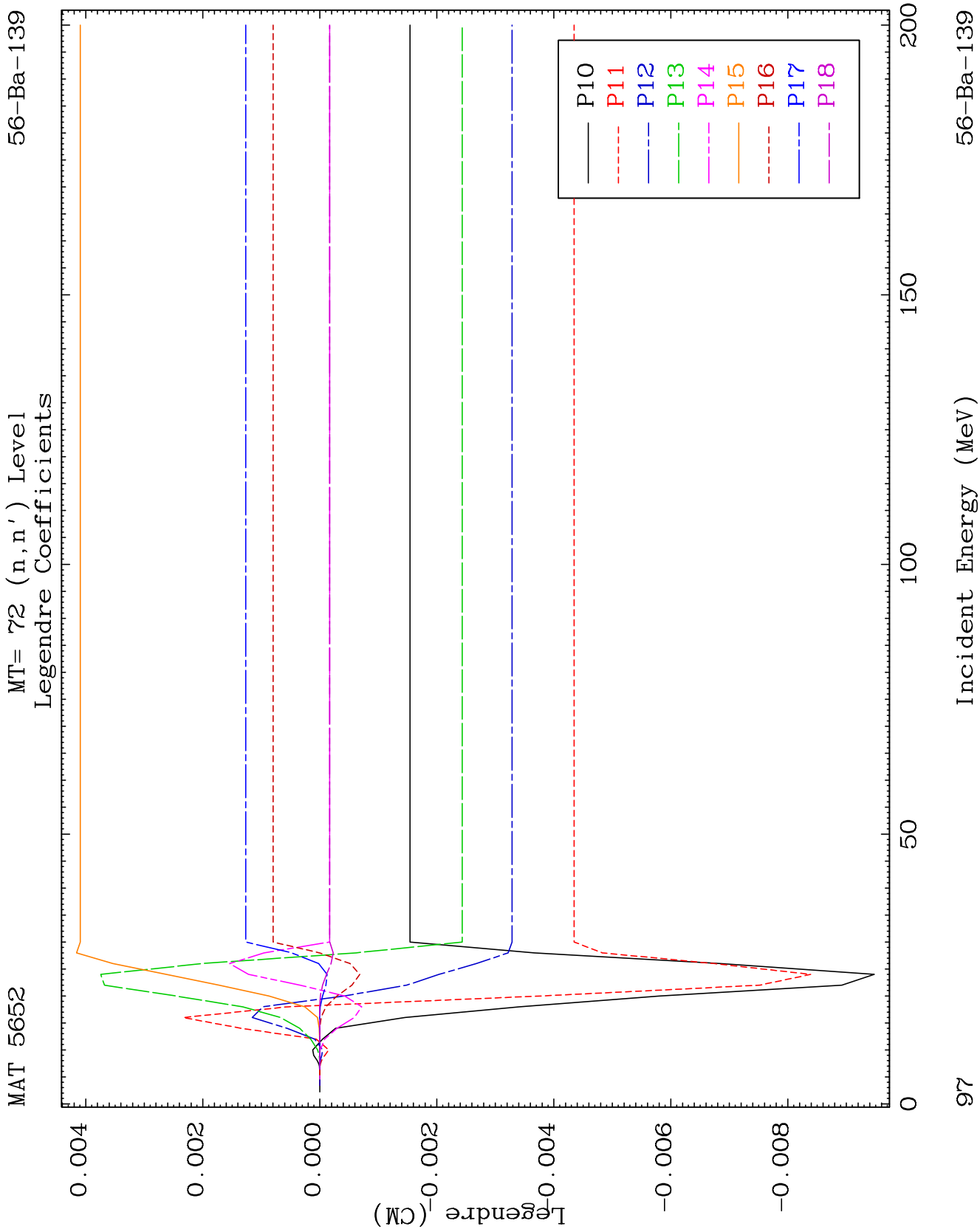


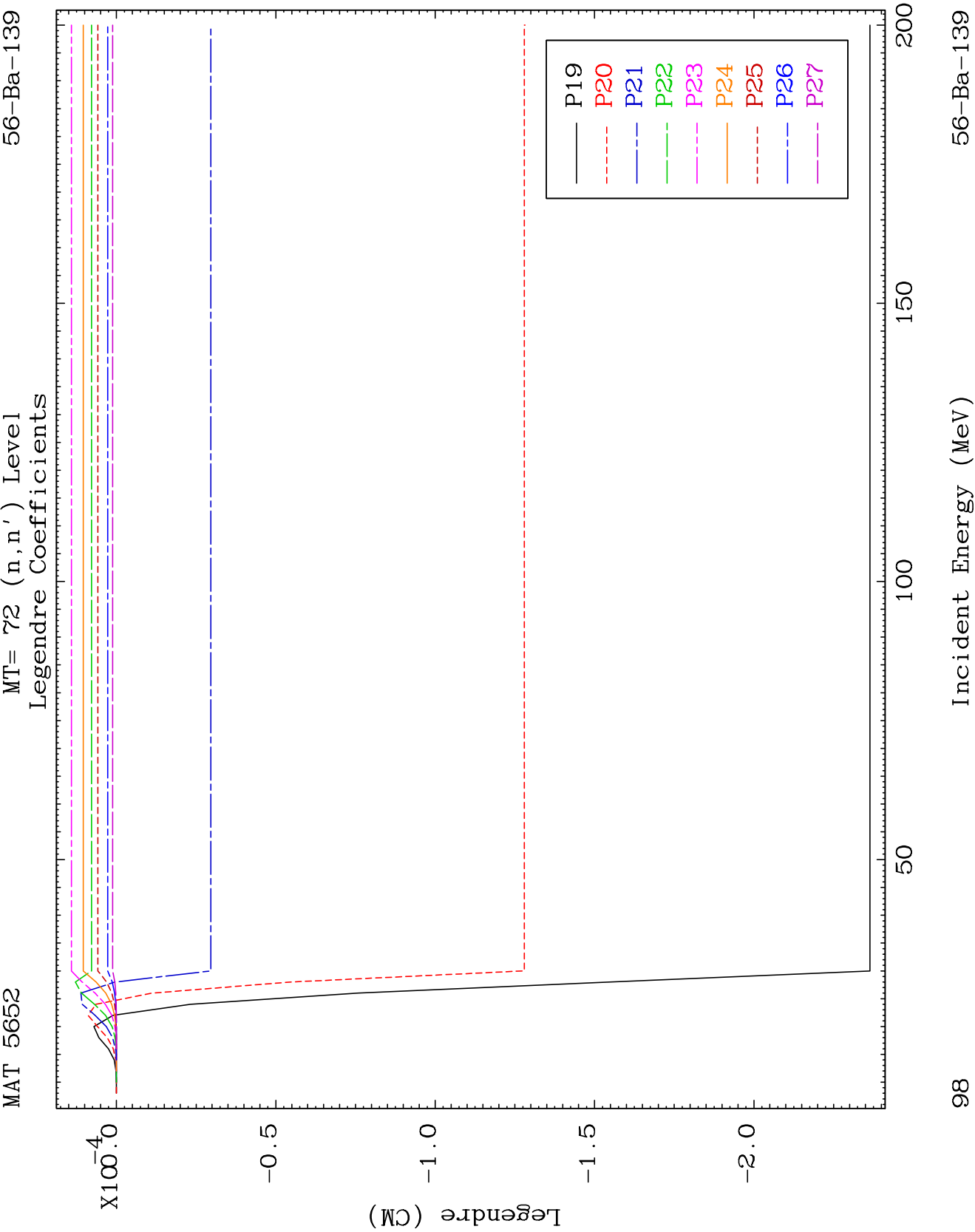
MAT 5652

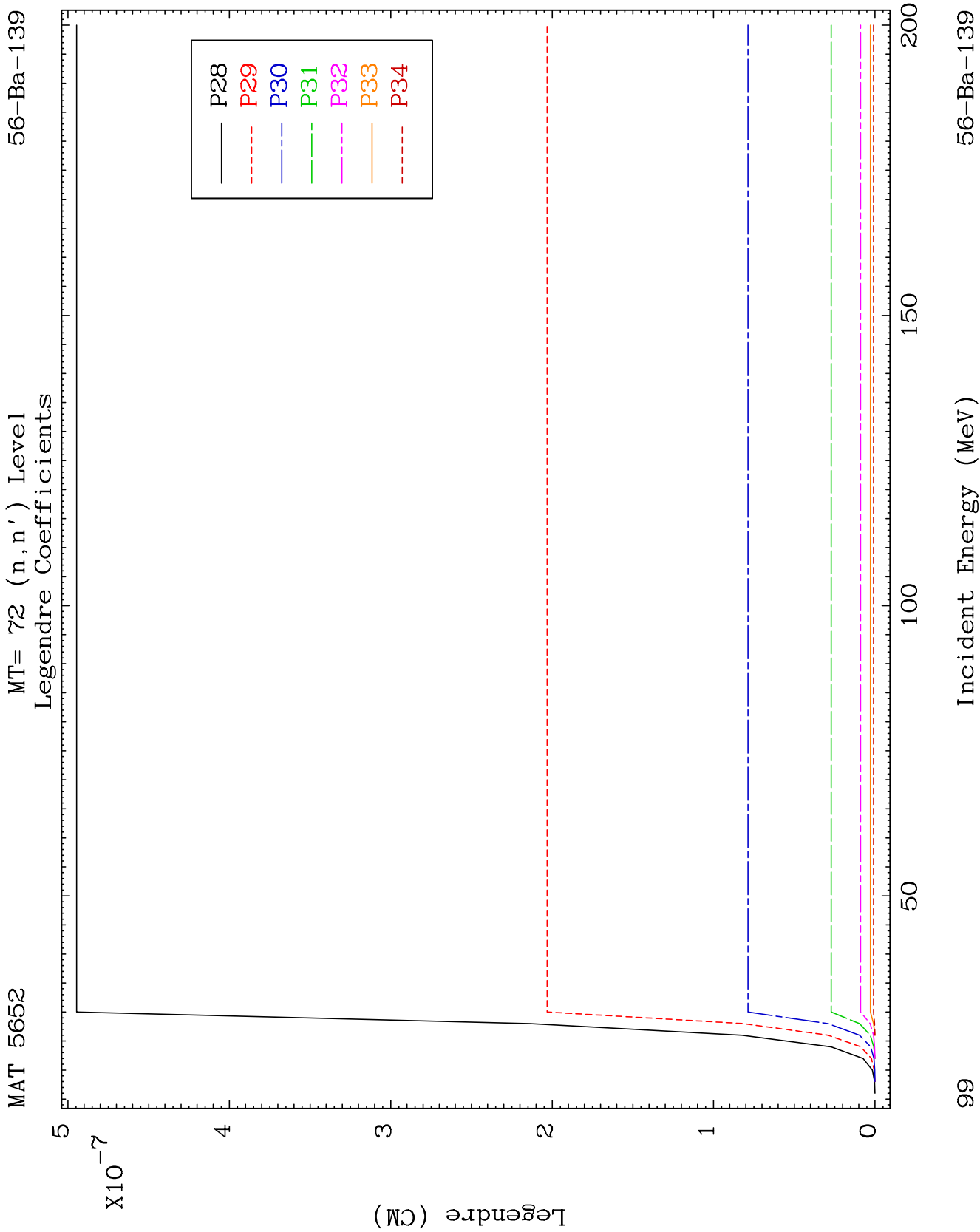
MT= 72 (n, n') Level
Legendre Coefficients

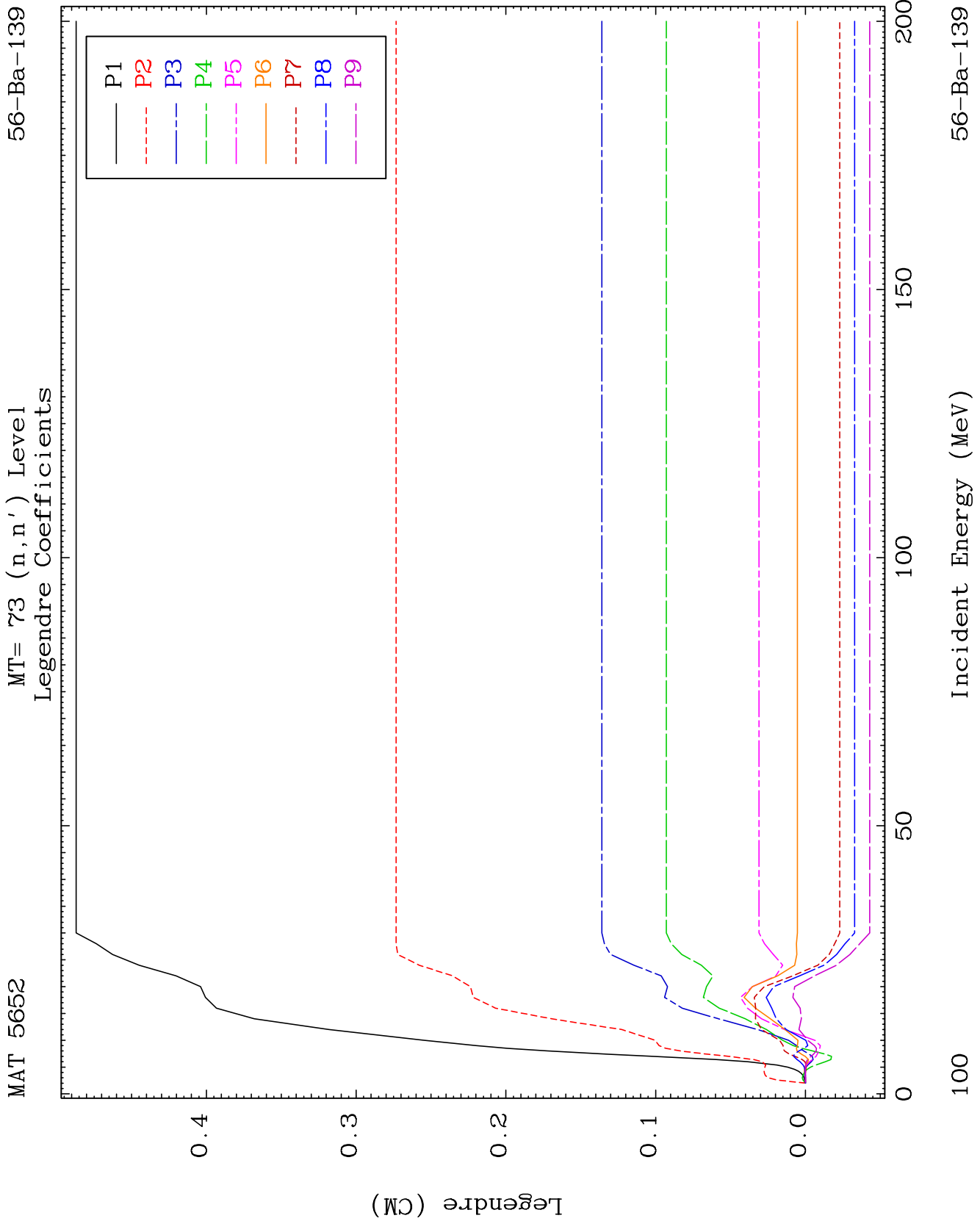
56-Ba-139







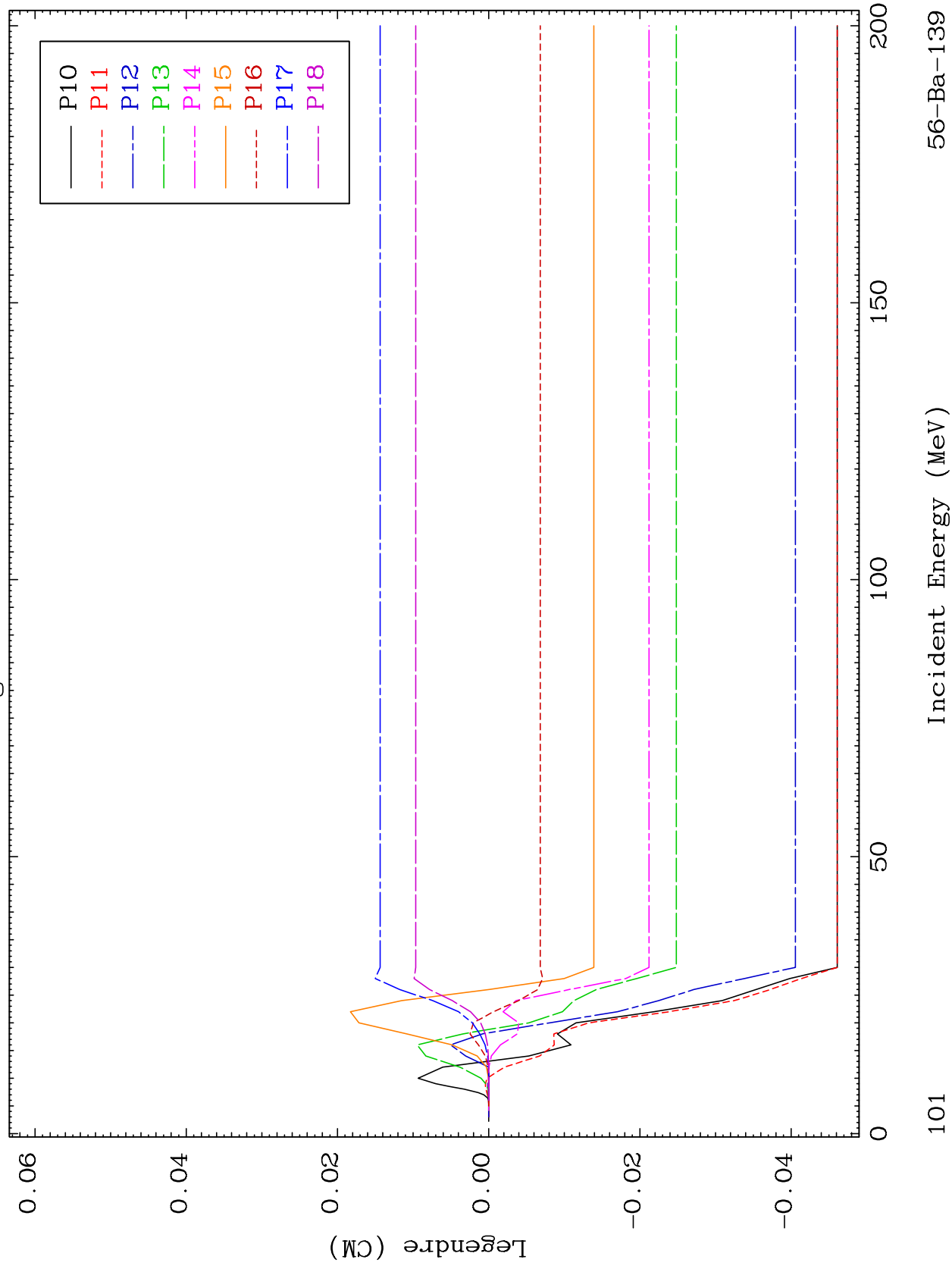


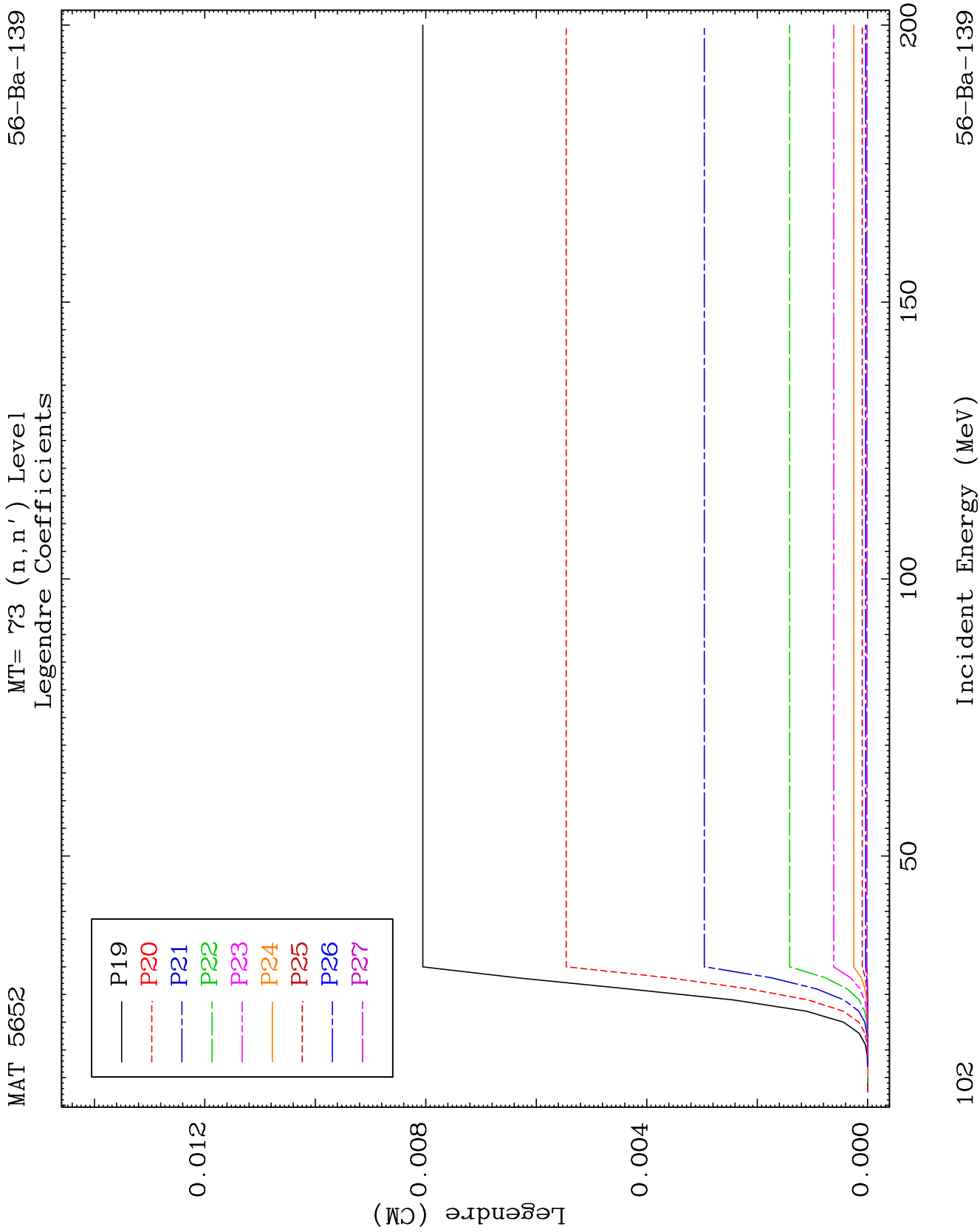


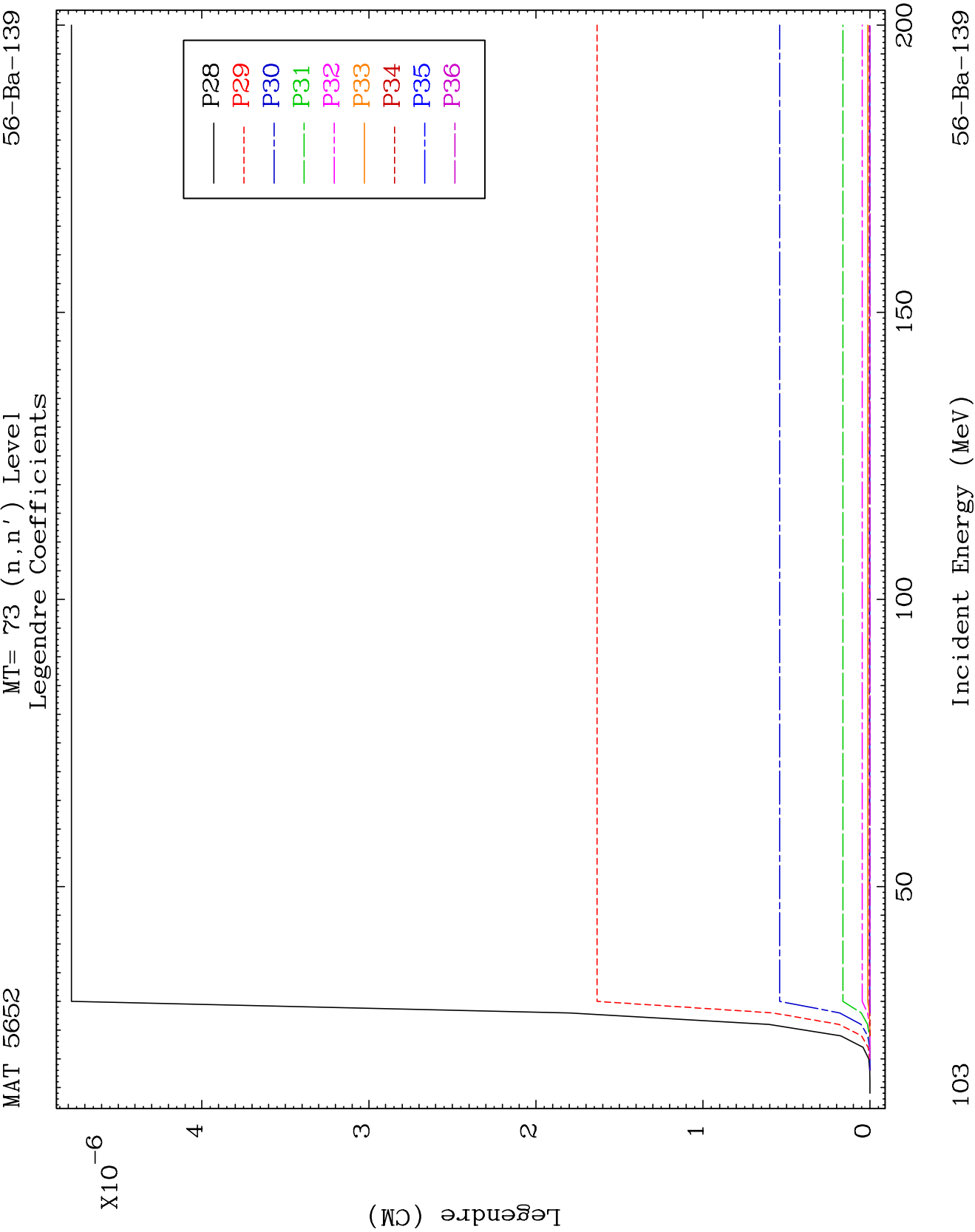
MAT 5652

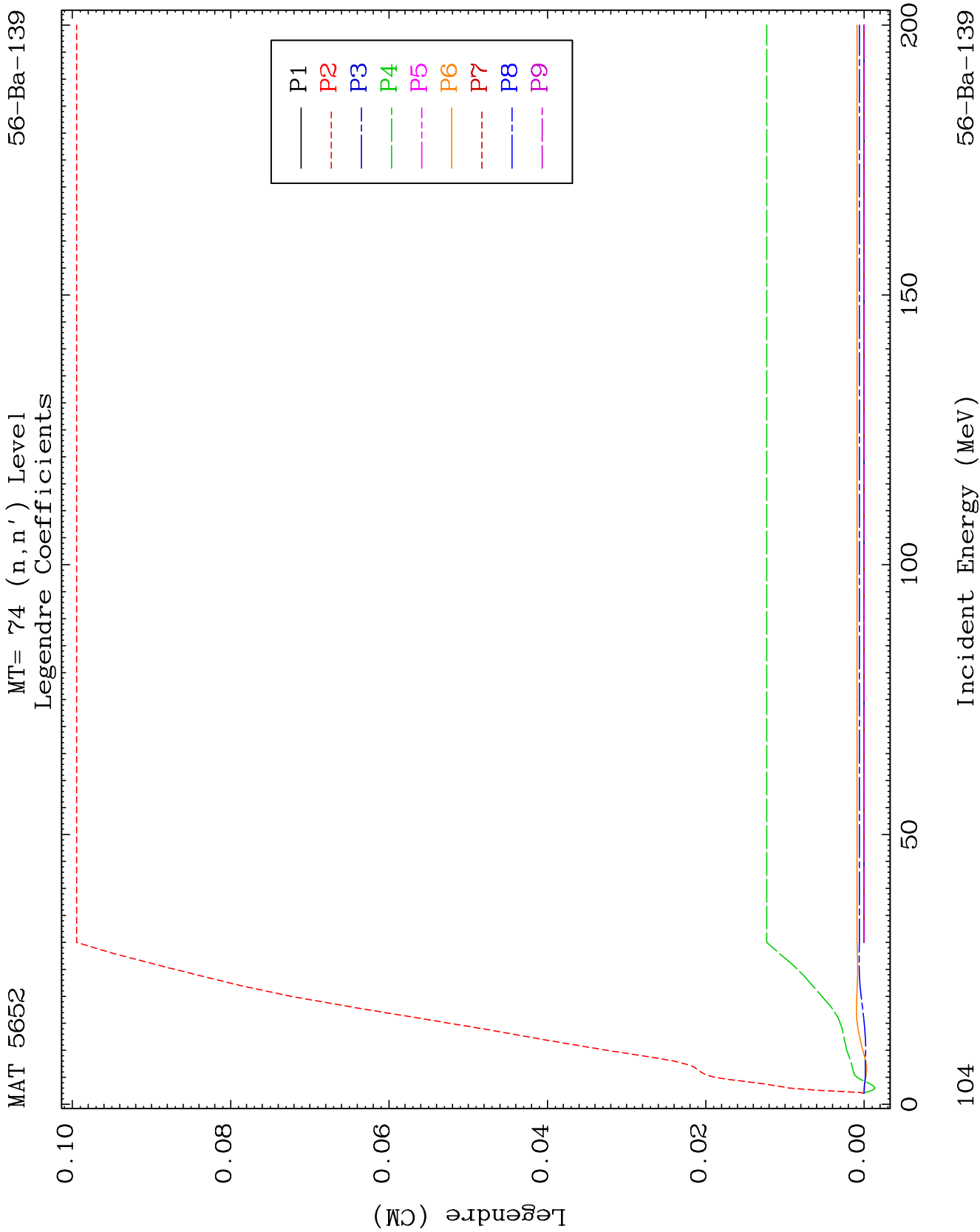
MT= 73 (n, n') Level
Legendre Coefficients

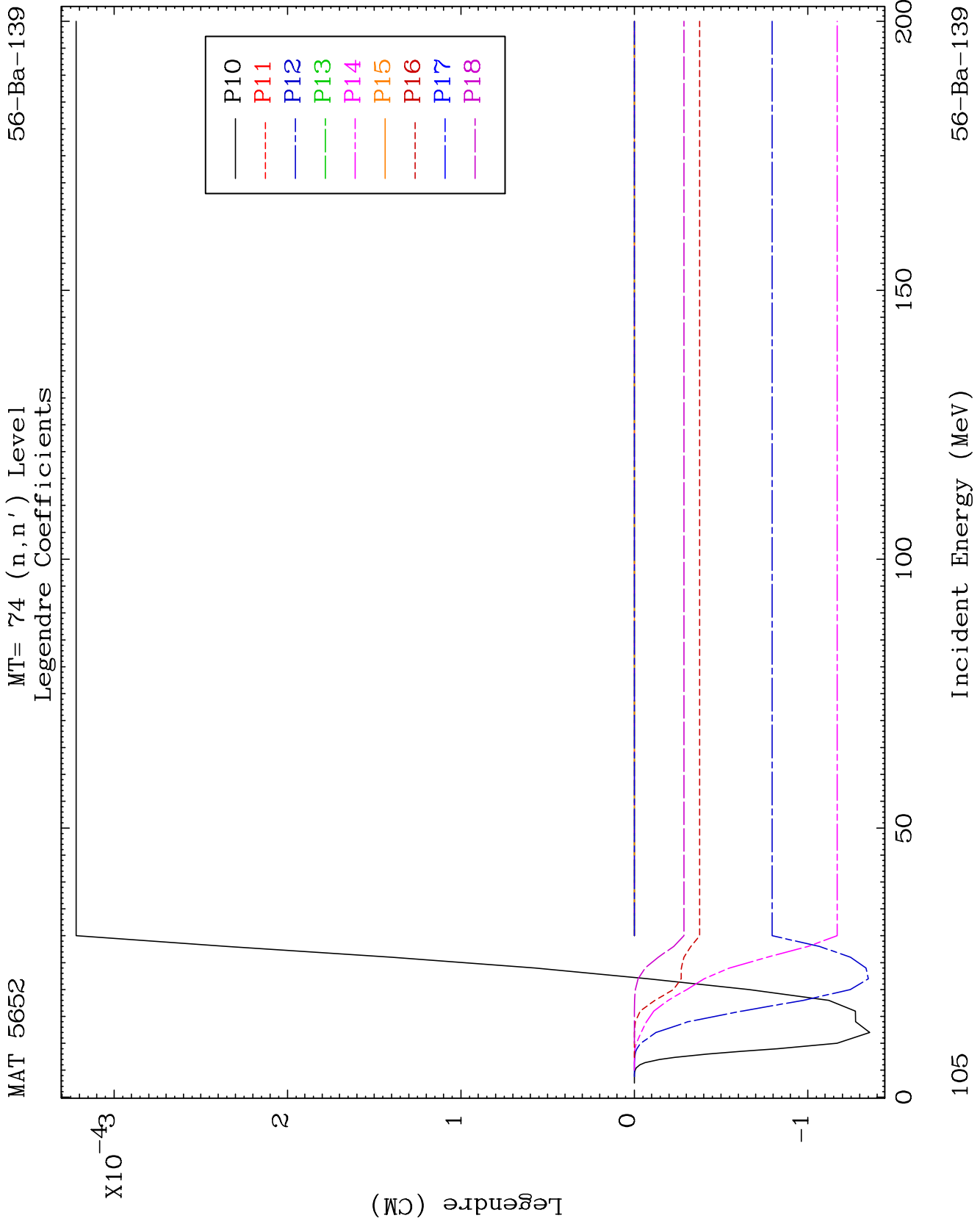
56-Ba-139

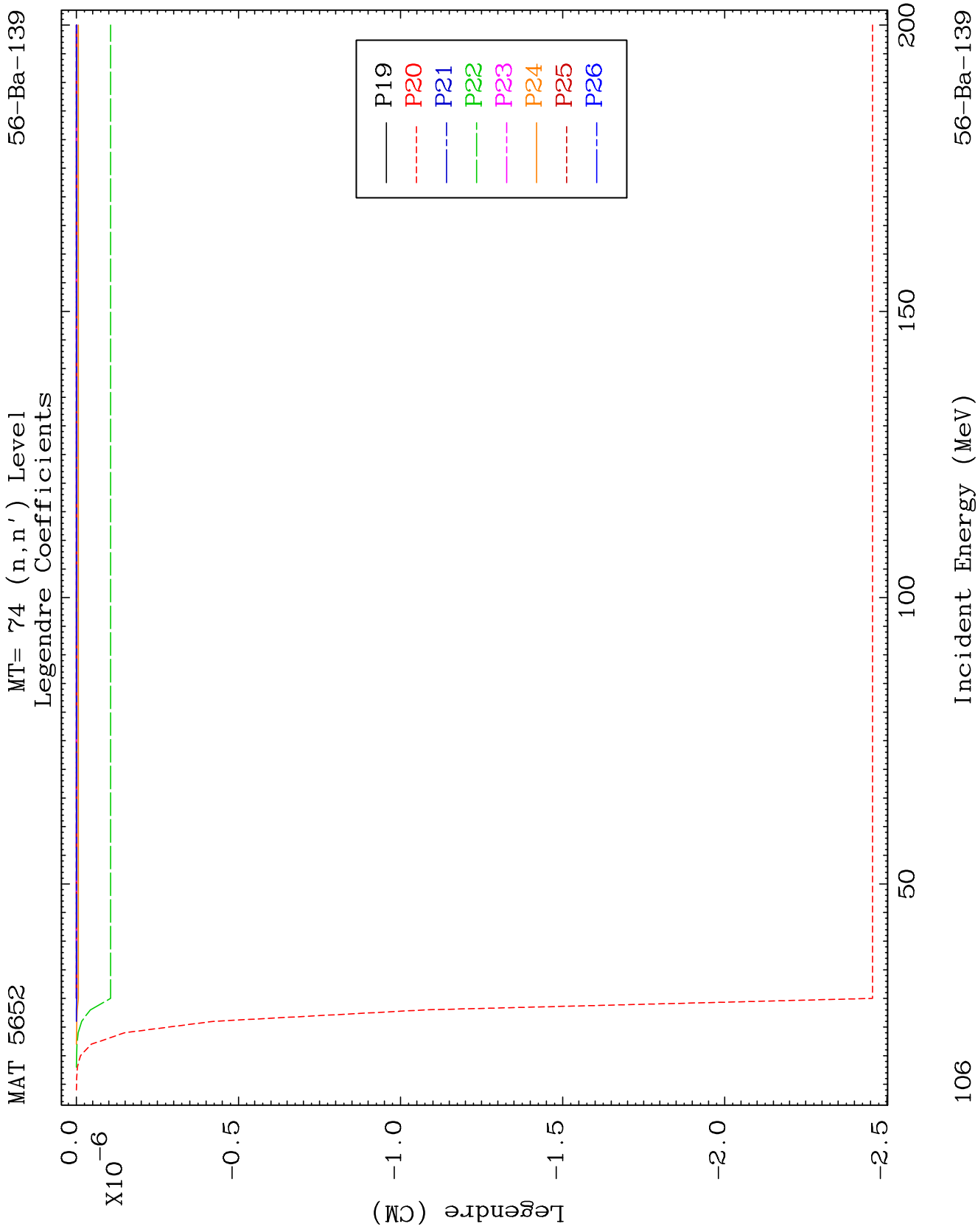


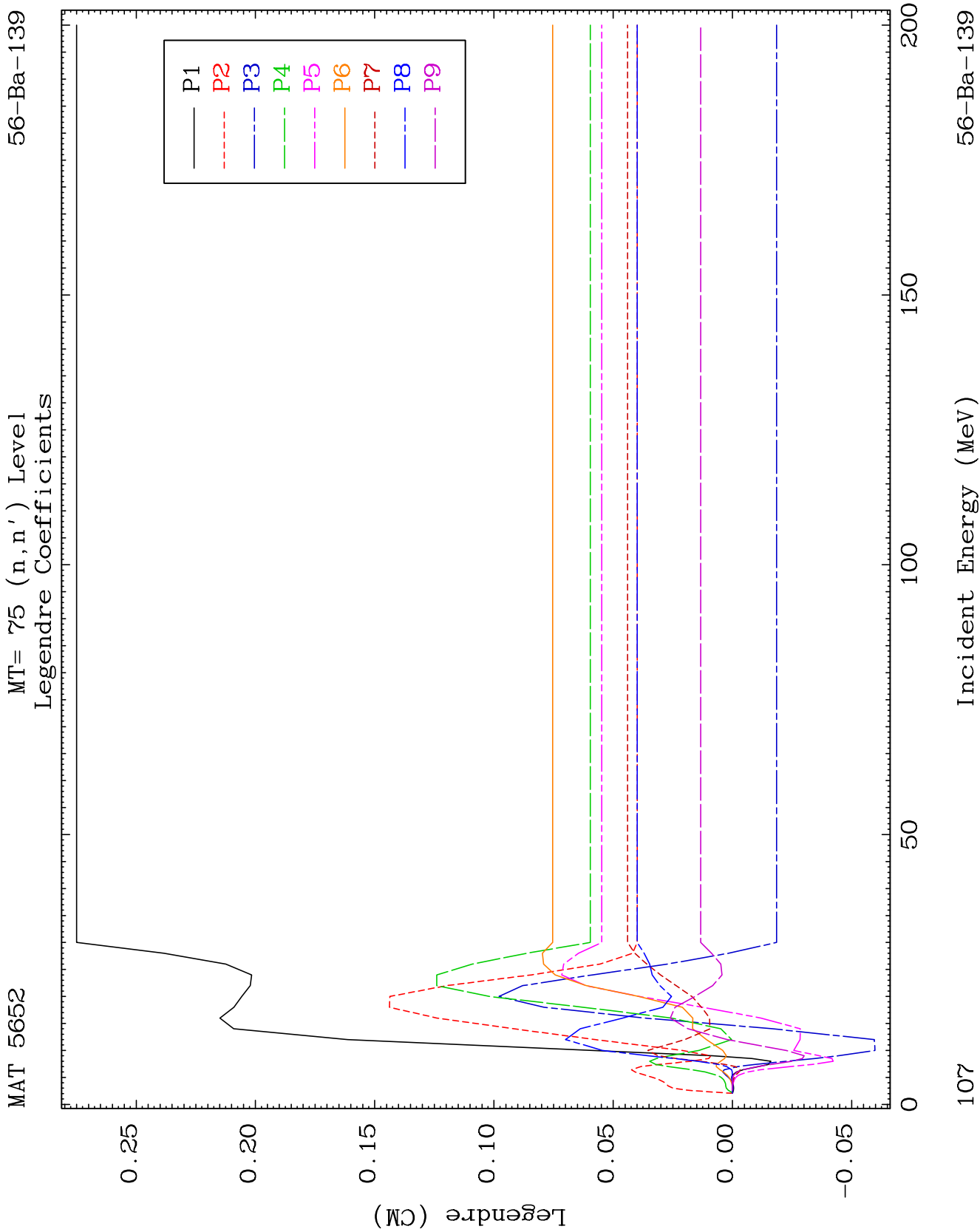


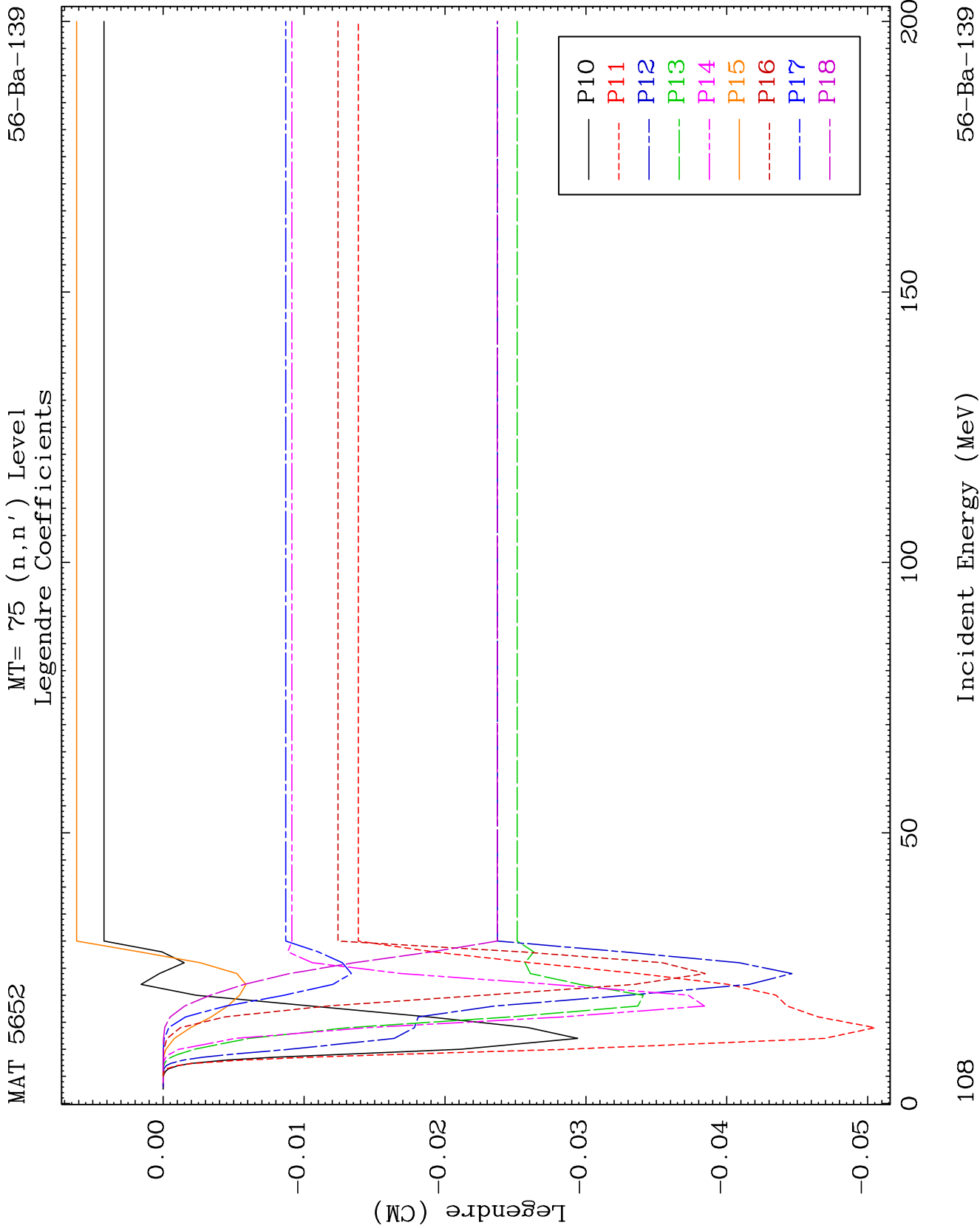


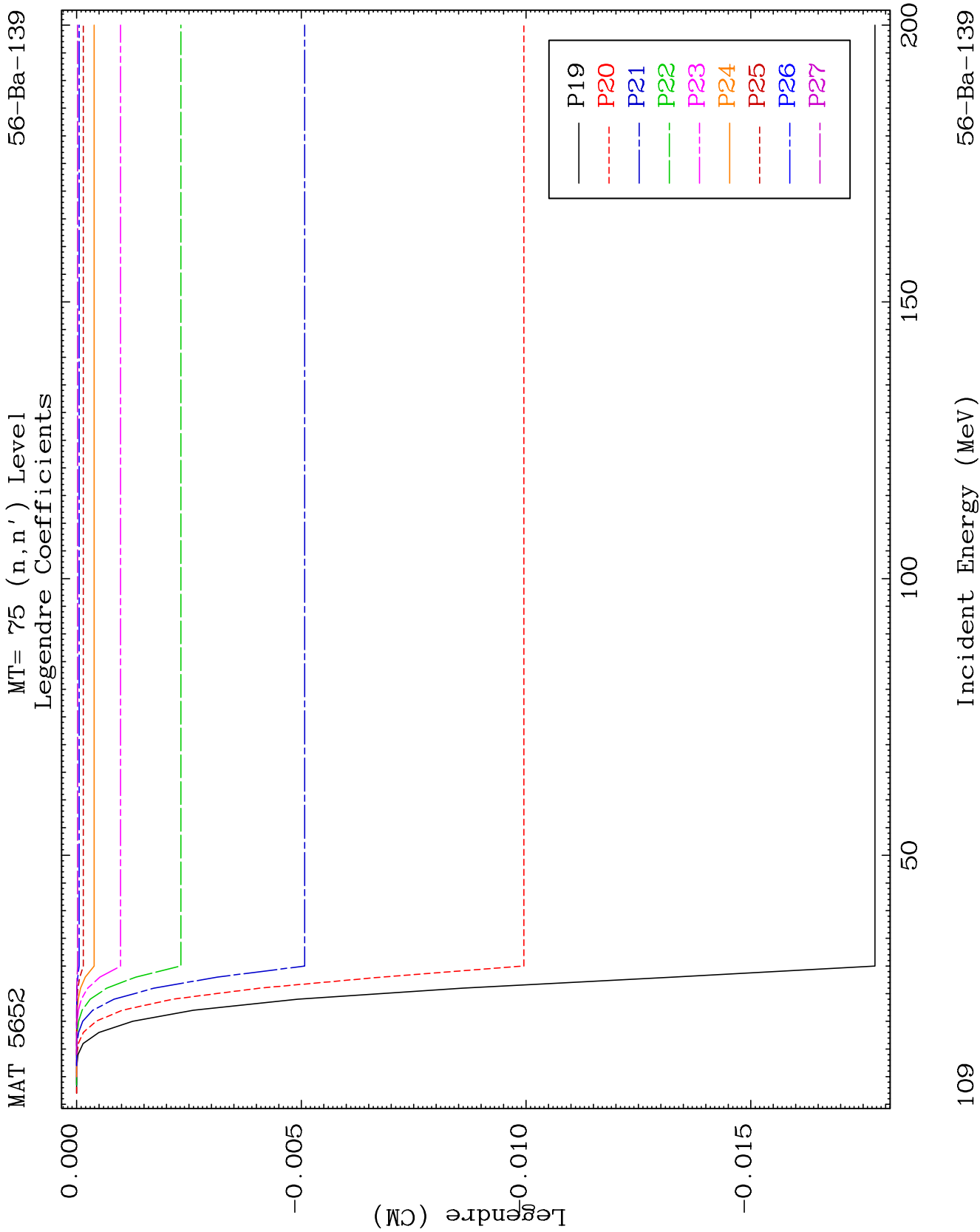


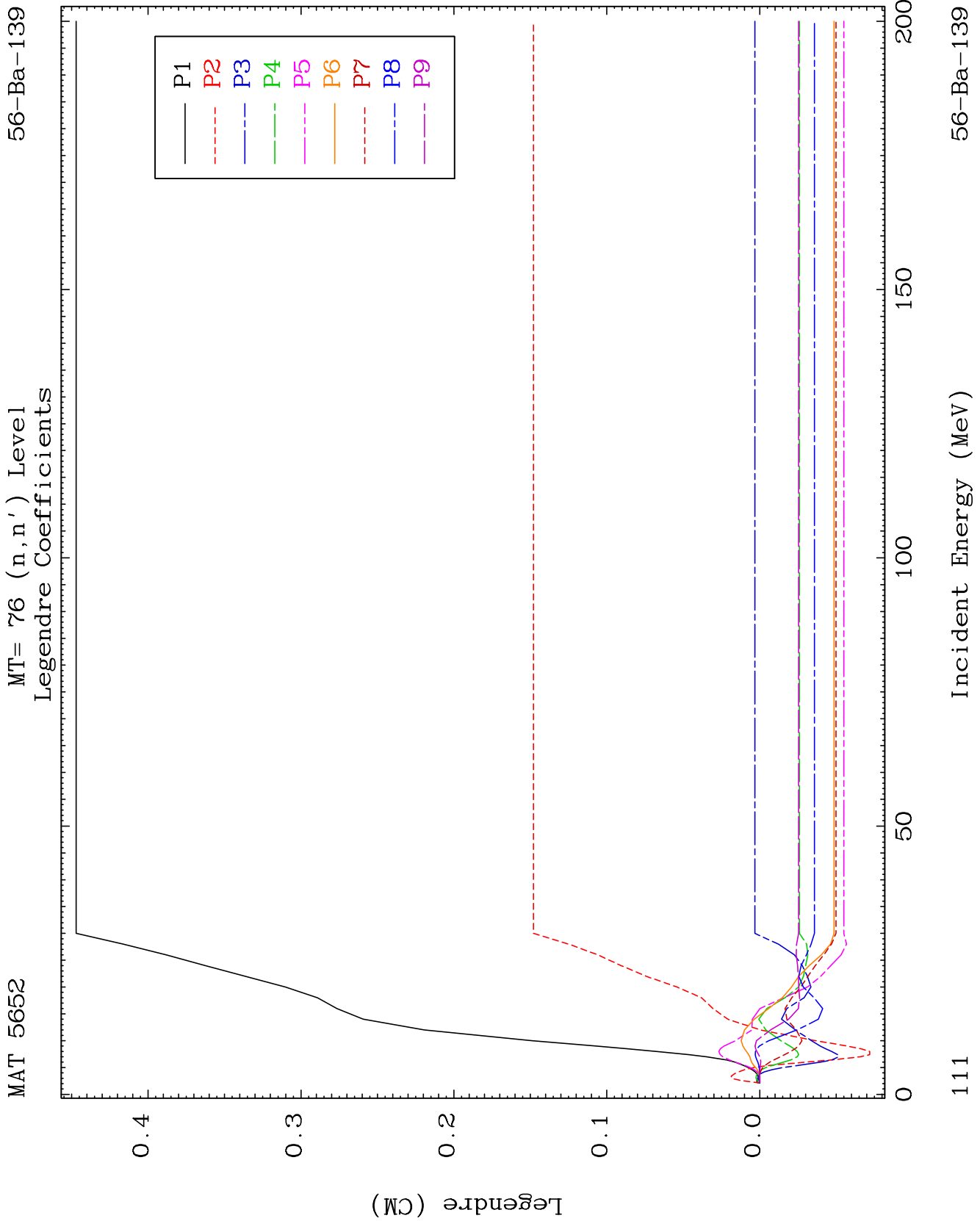








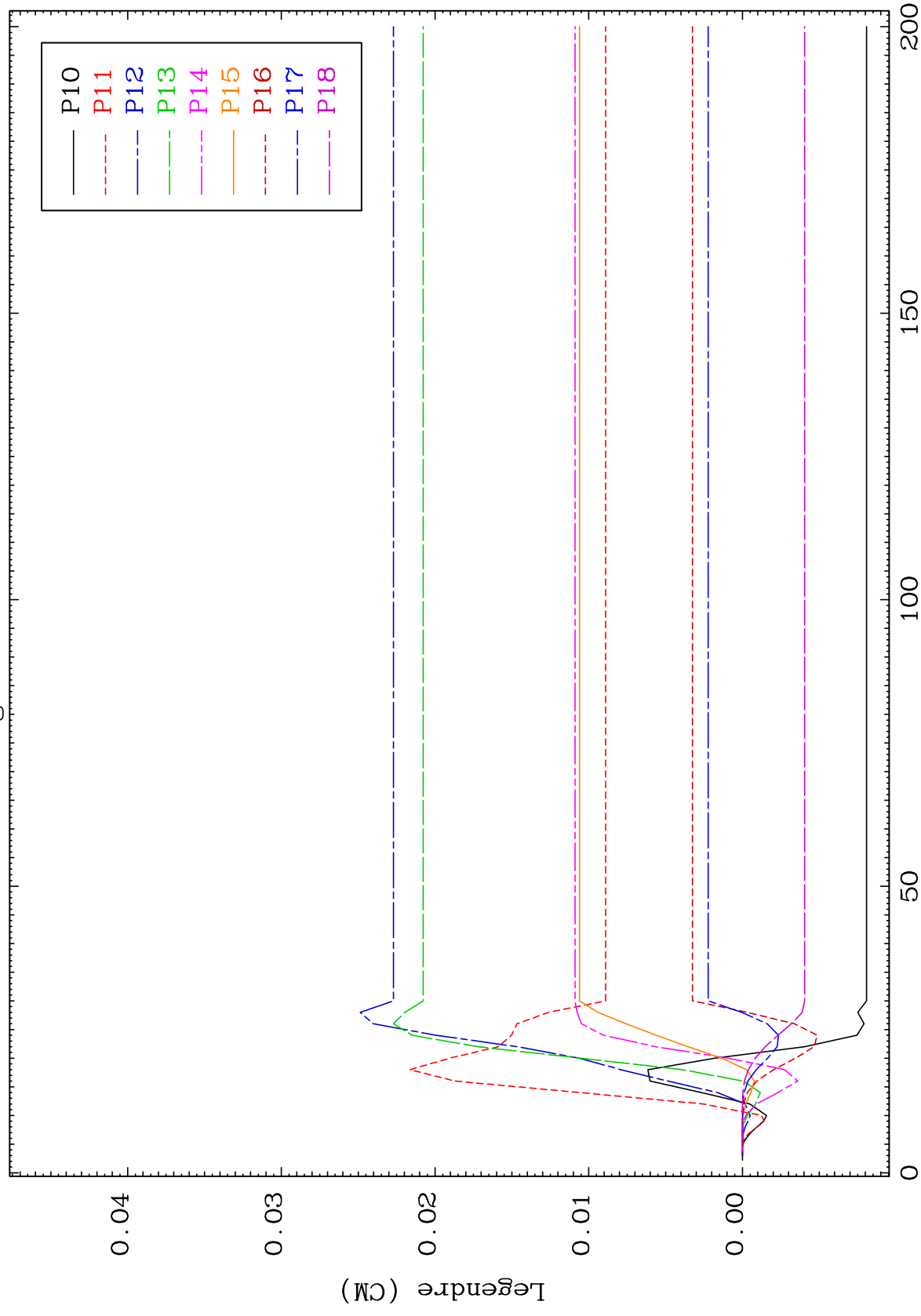




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MT= 76 (n, n') Level
Legendre Coefficients

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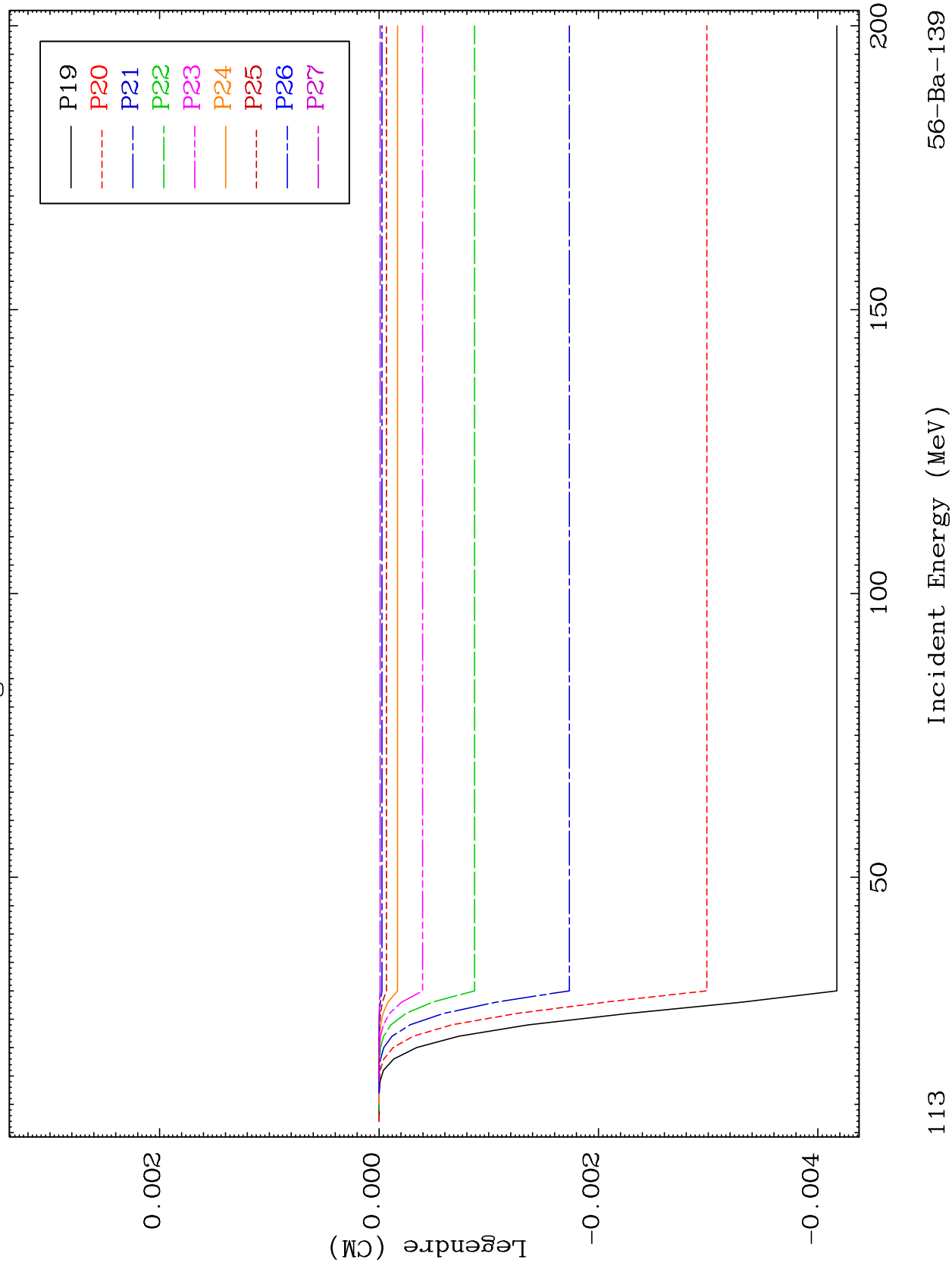
Incident Energy (MeV)

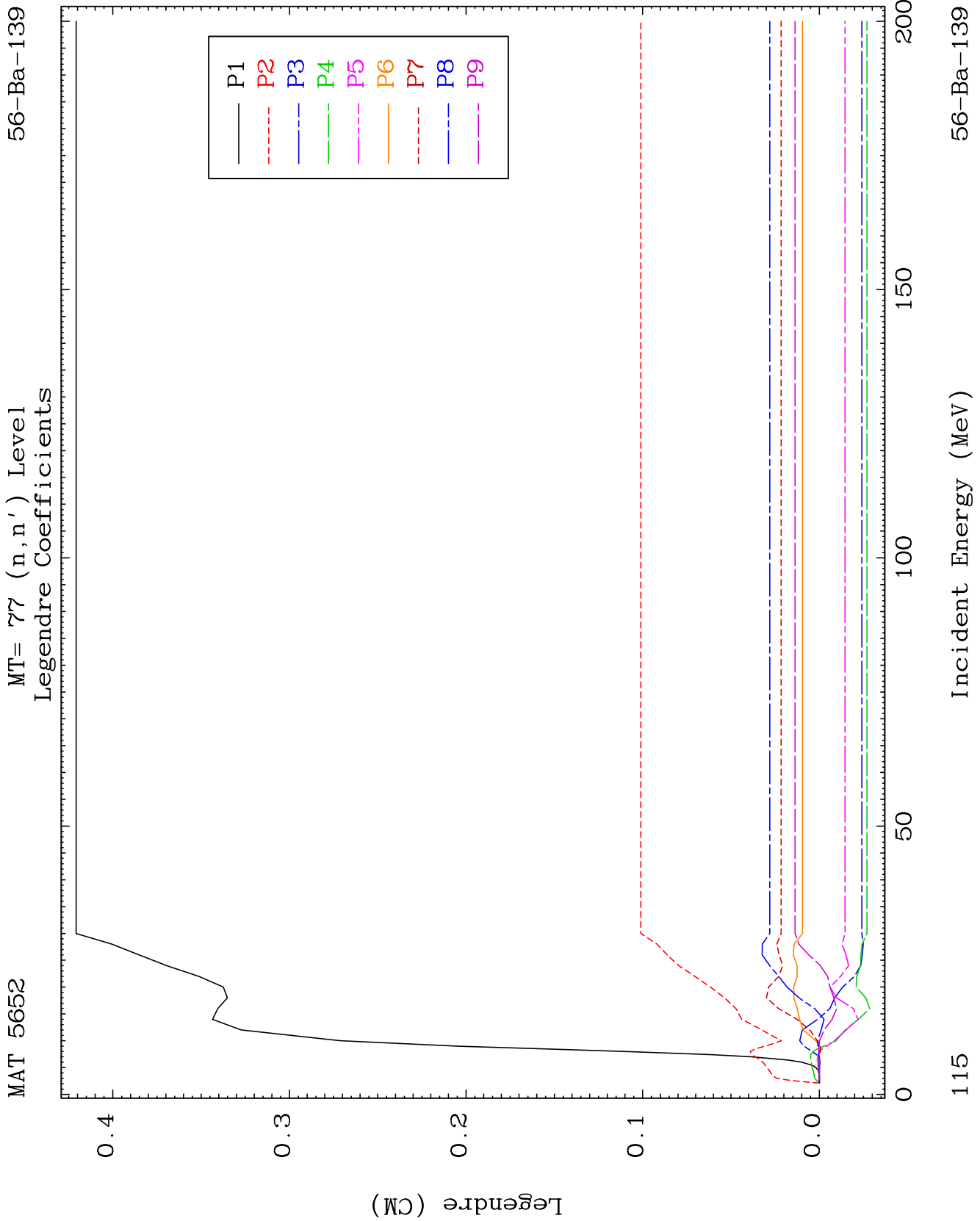
56-Ba-139

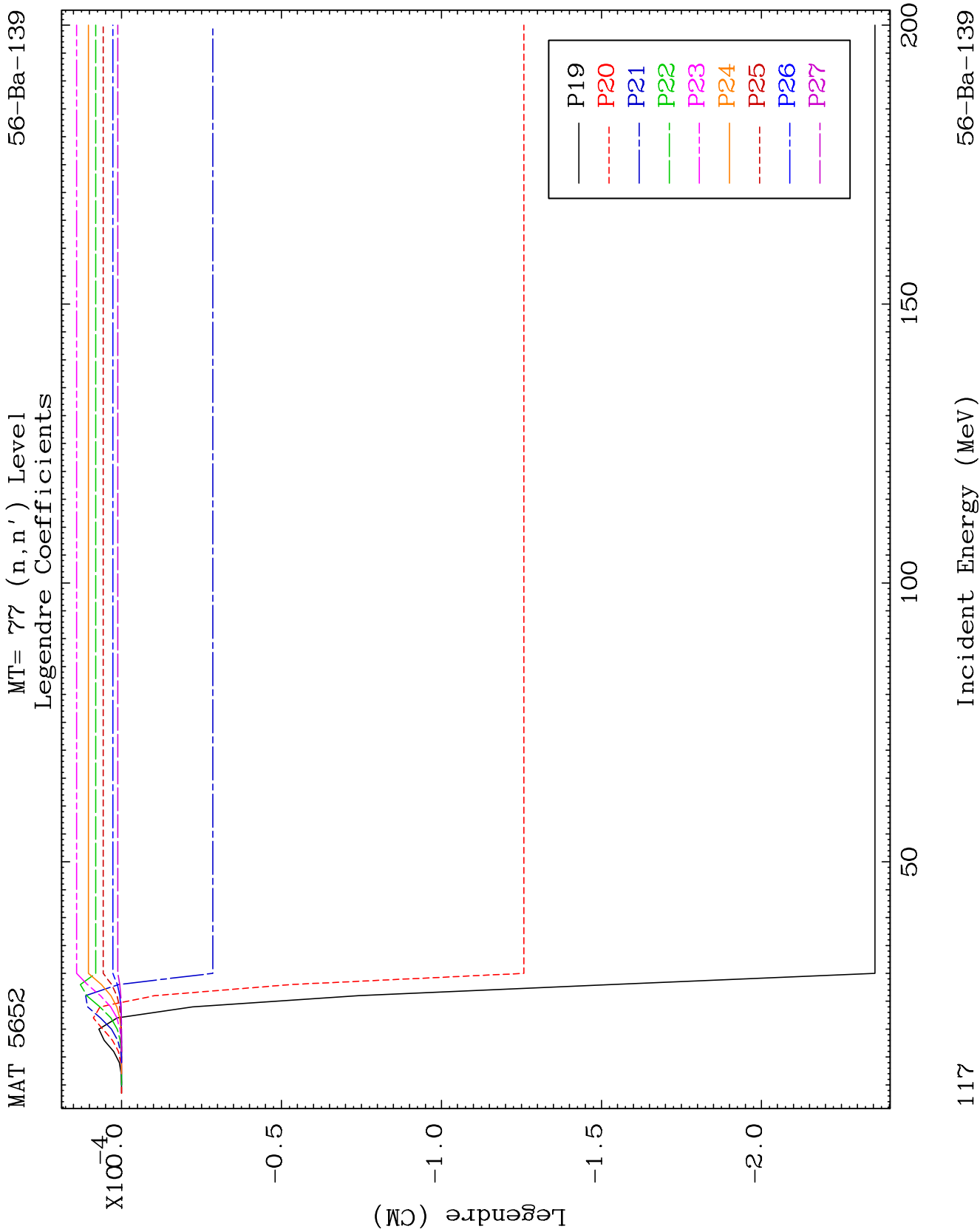
MAT 5652

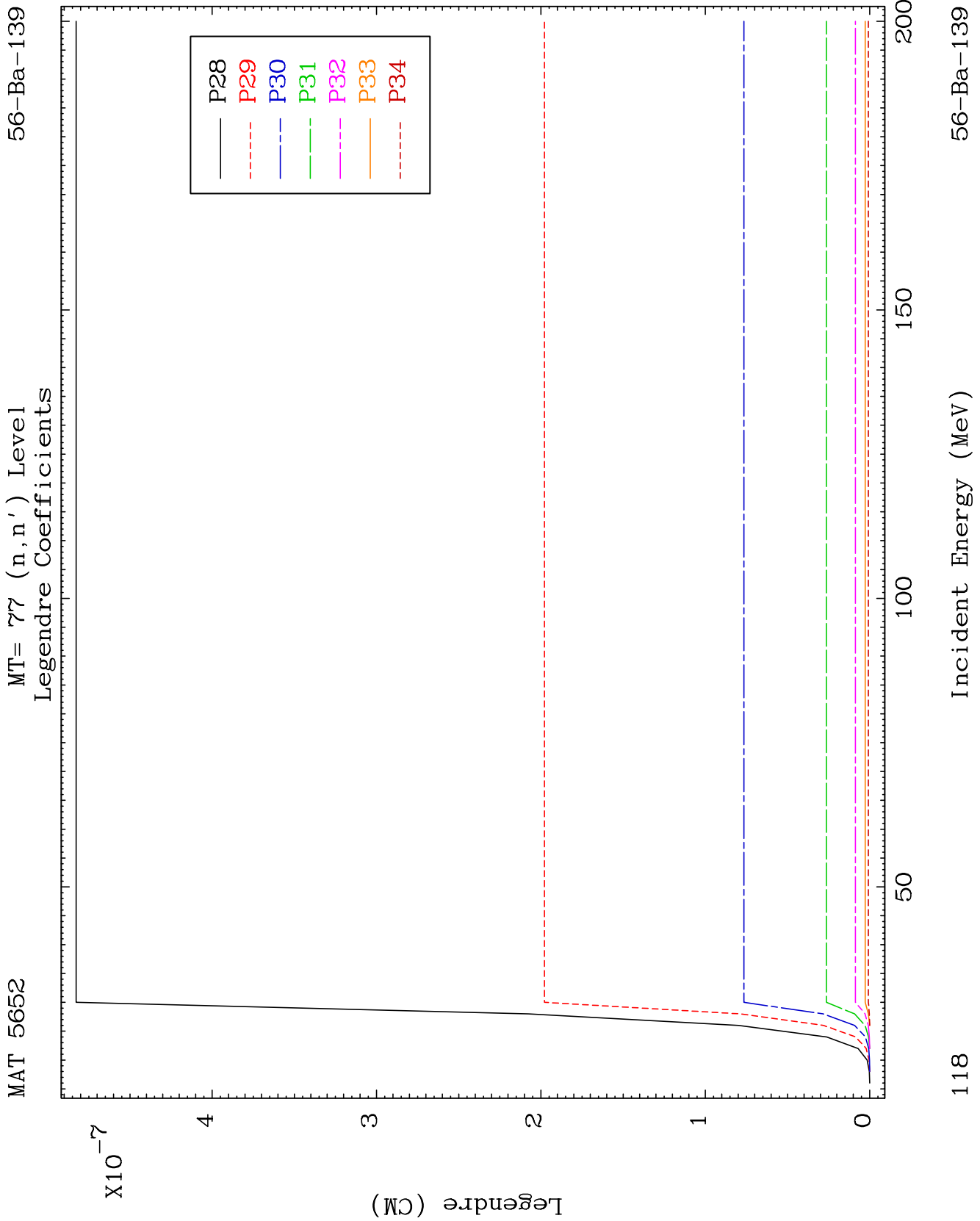
MT= 76 (n, n') Level
Legendre Coefficients

56-Ba-139





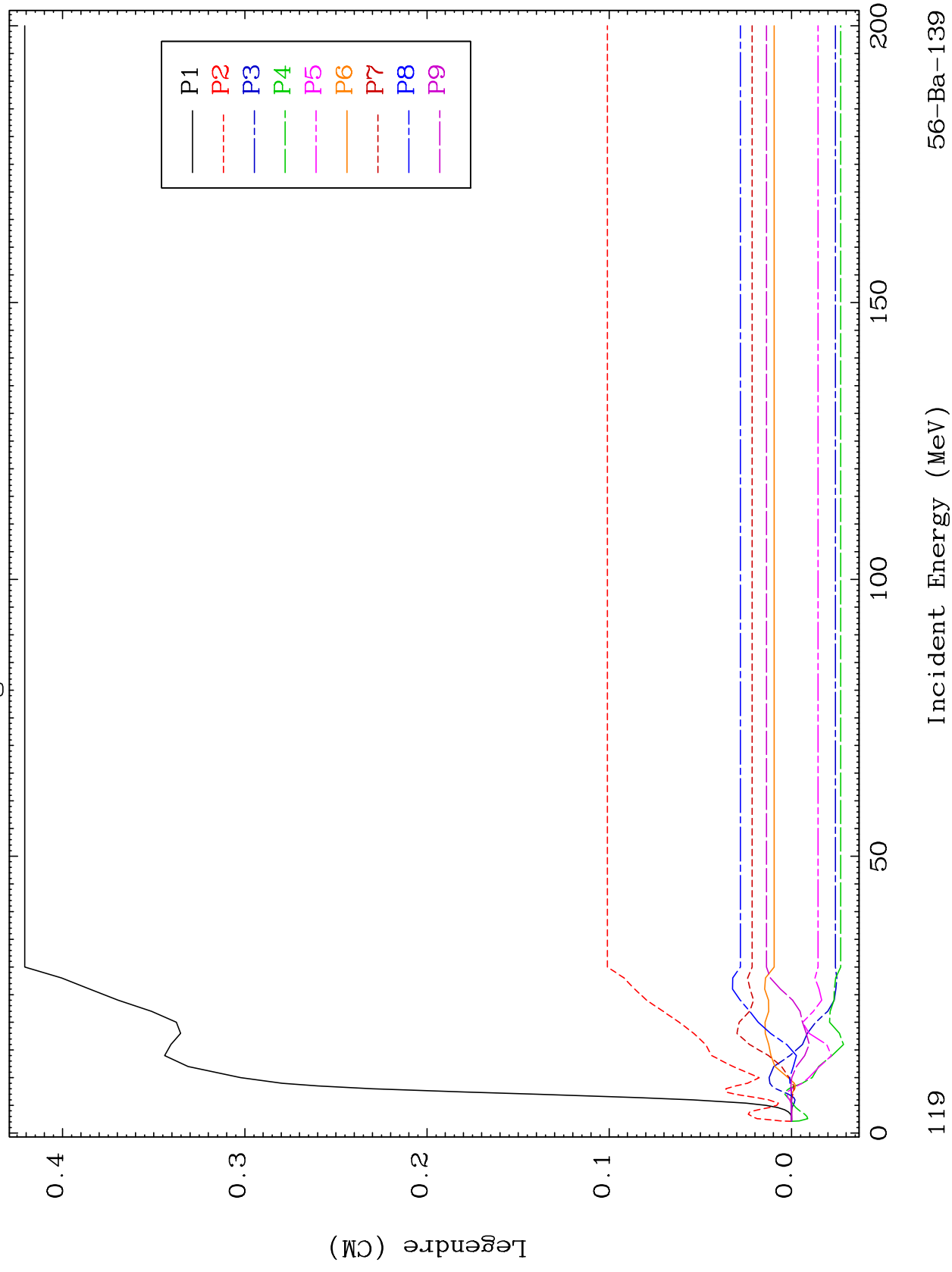


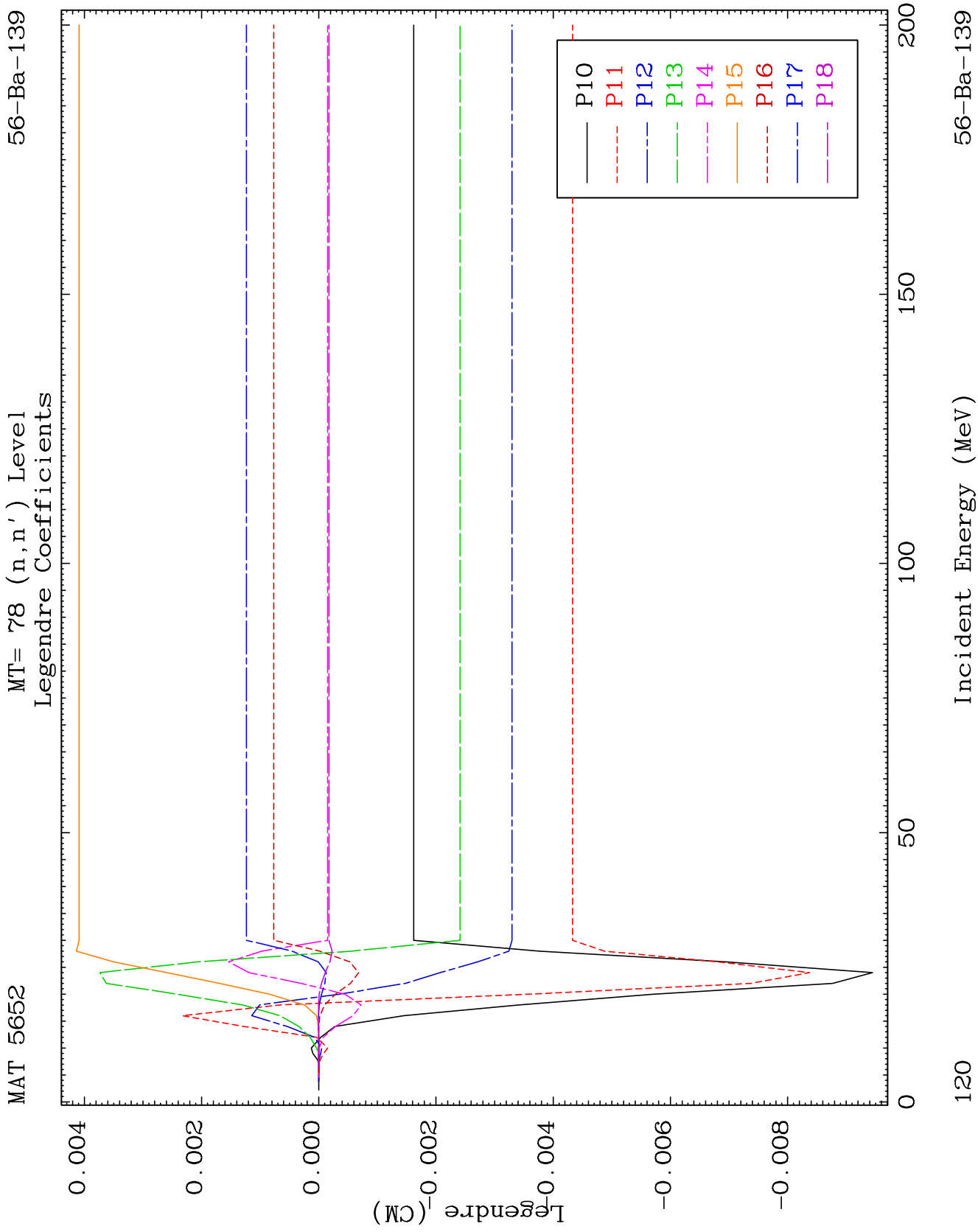


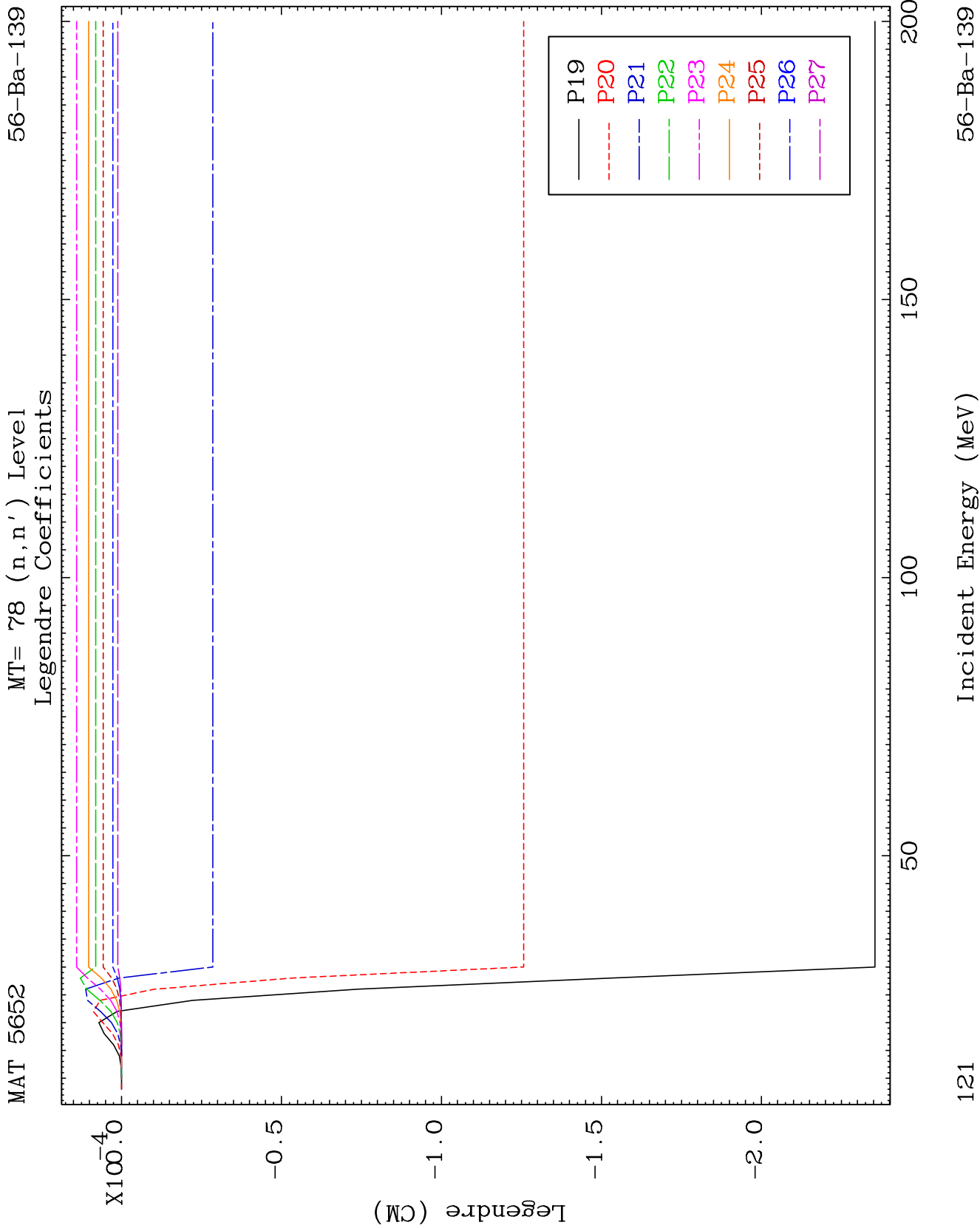
MAT 5652

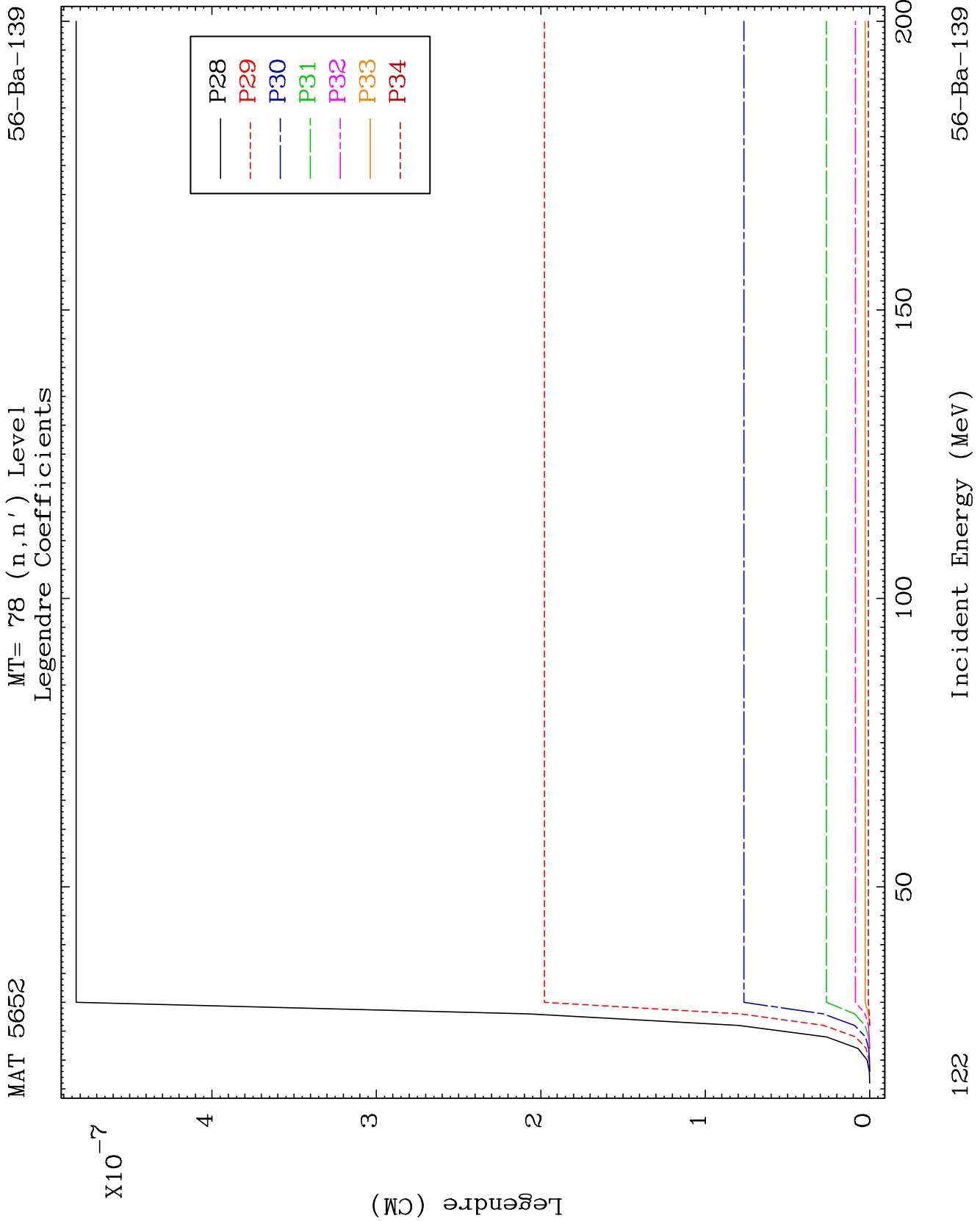
MT= 78 (n, n') Level
Legendre Coefficients

56-Ba-139





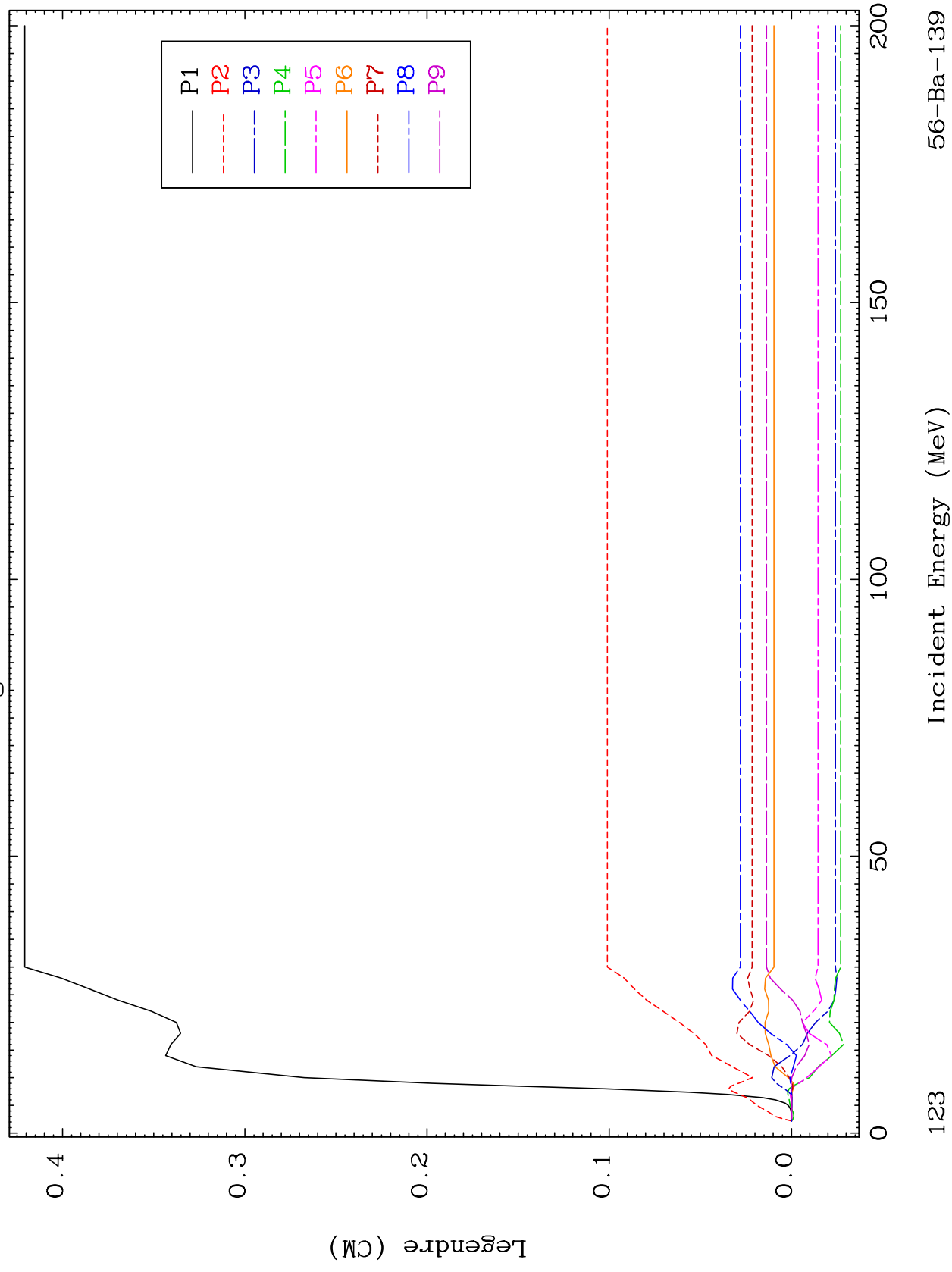




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MT= 79 (n, n') Level
Legendre Coefficients

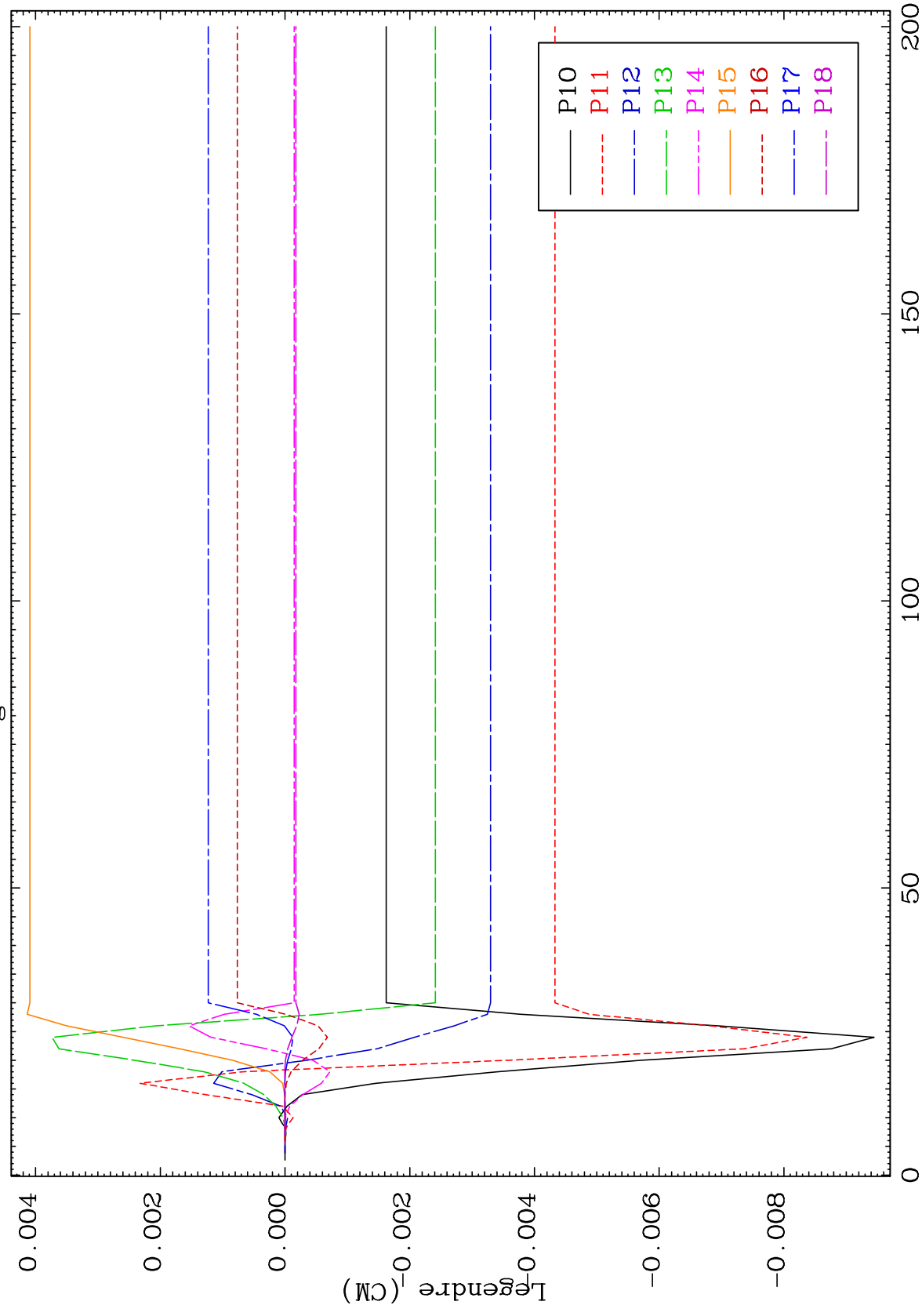
56-Ba-139



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

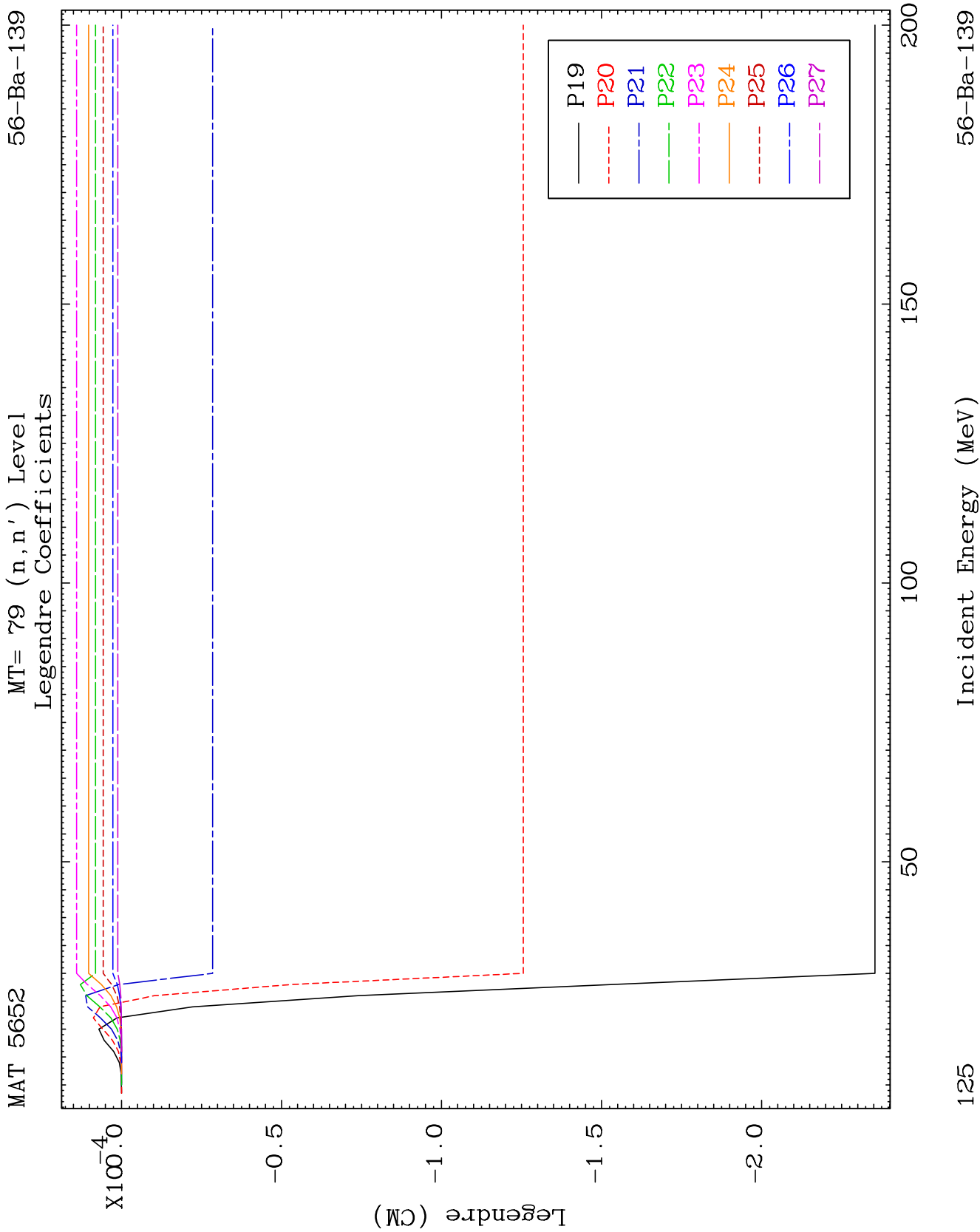
56-Ba-139

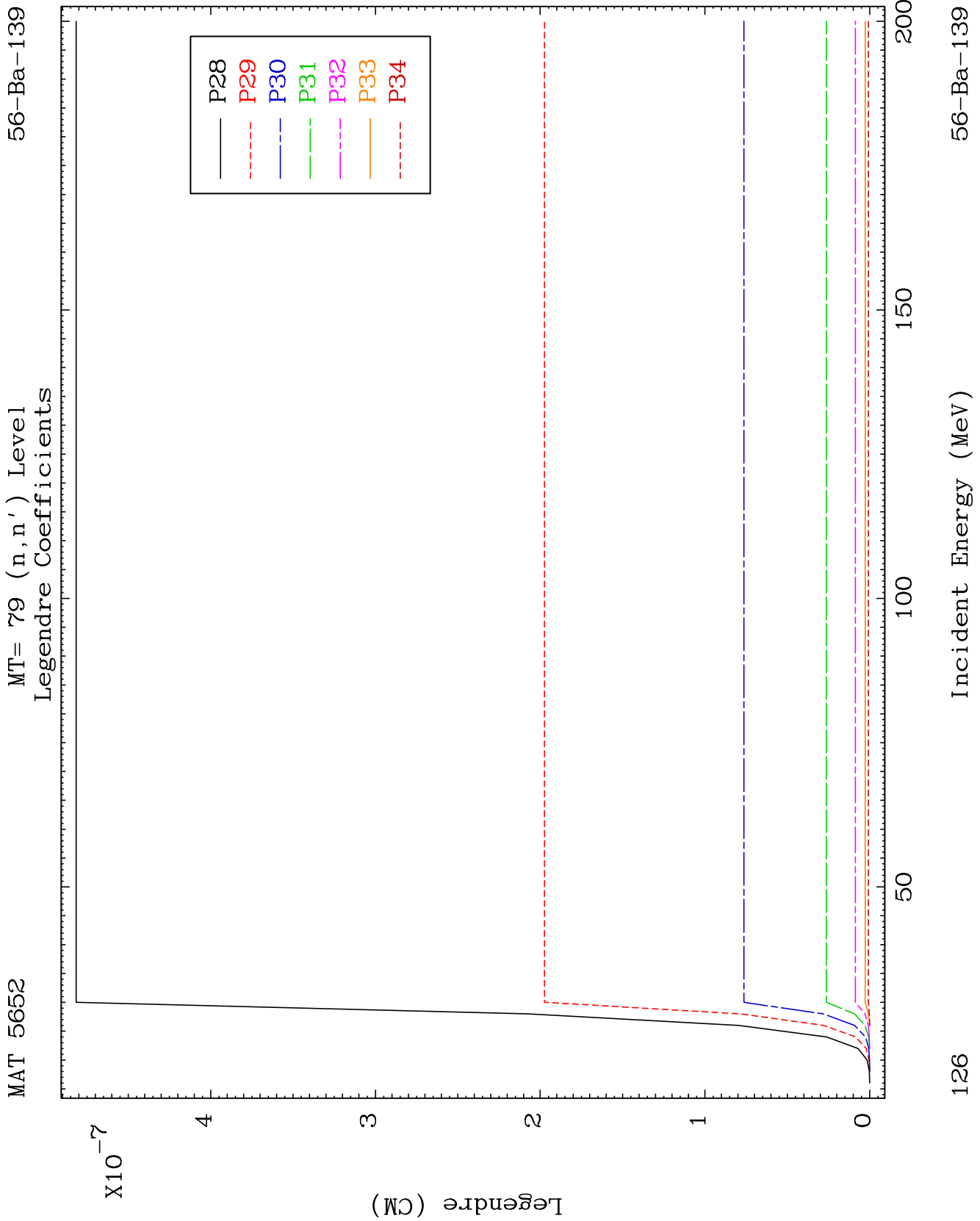


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Incident Energy (MeV)

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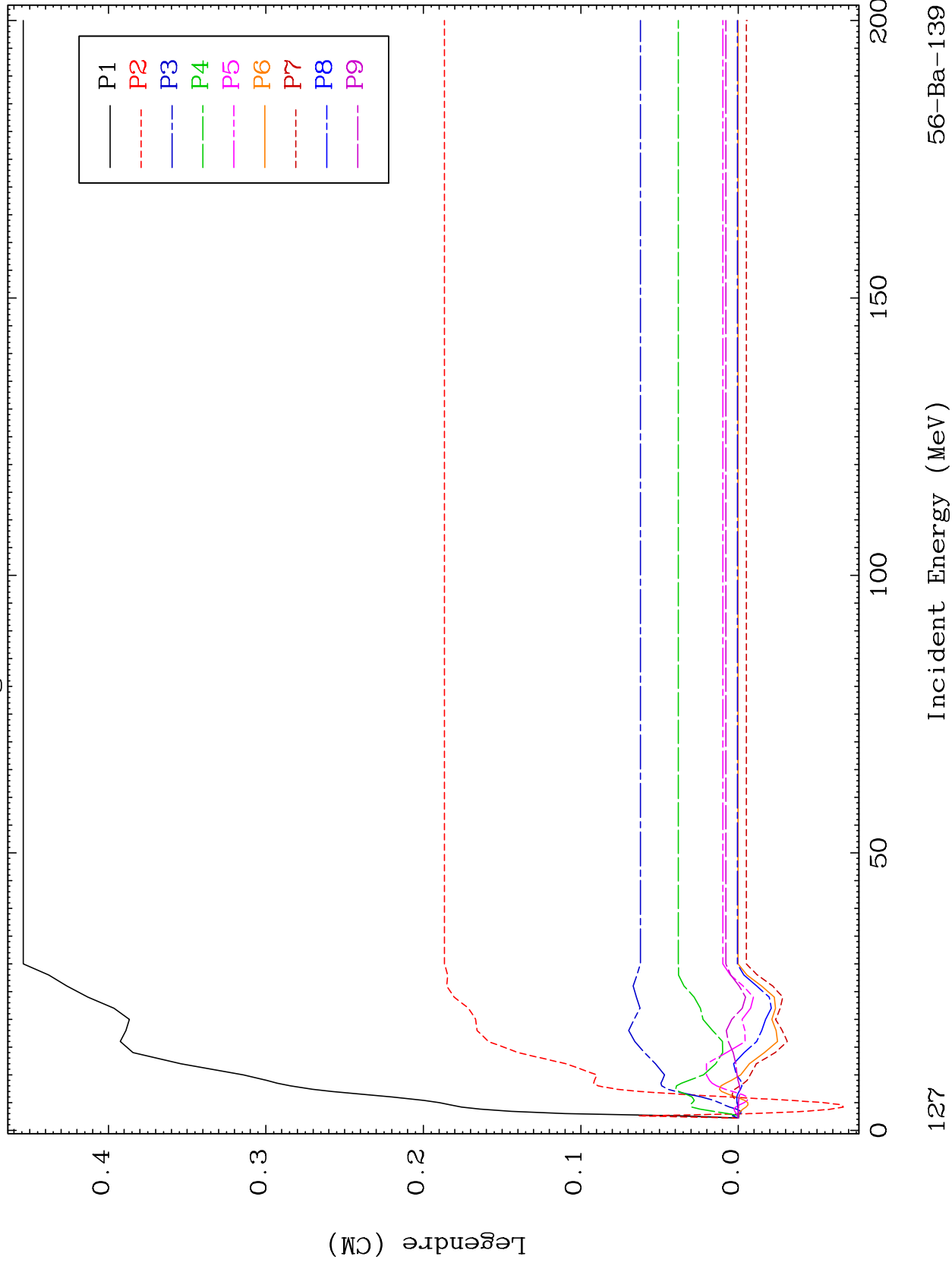




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MT= 80 (n, n') Level
Legendre Coefficients

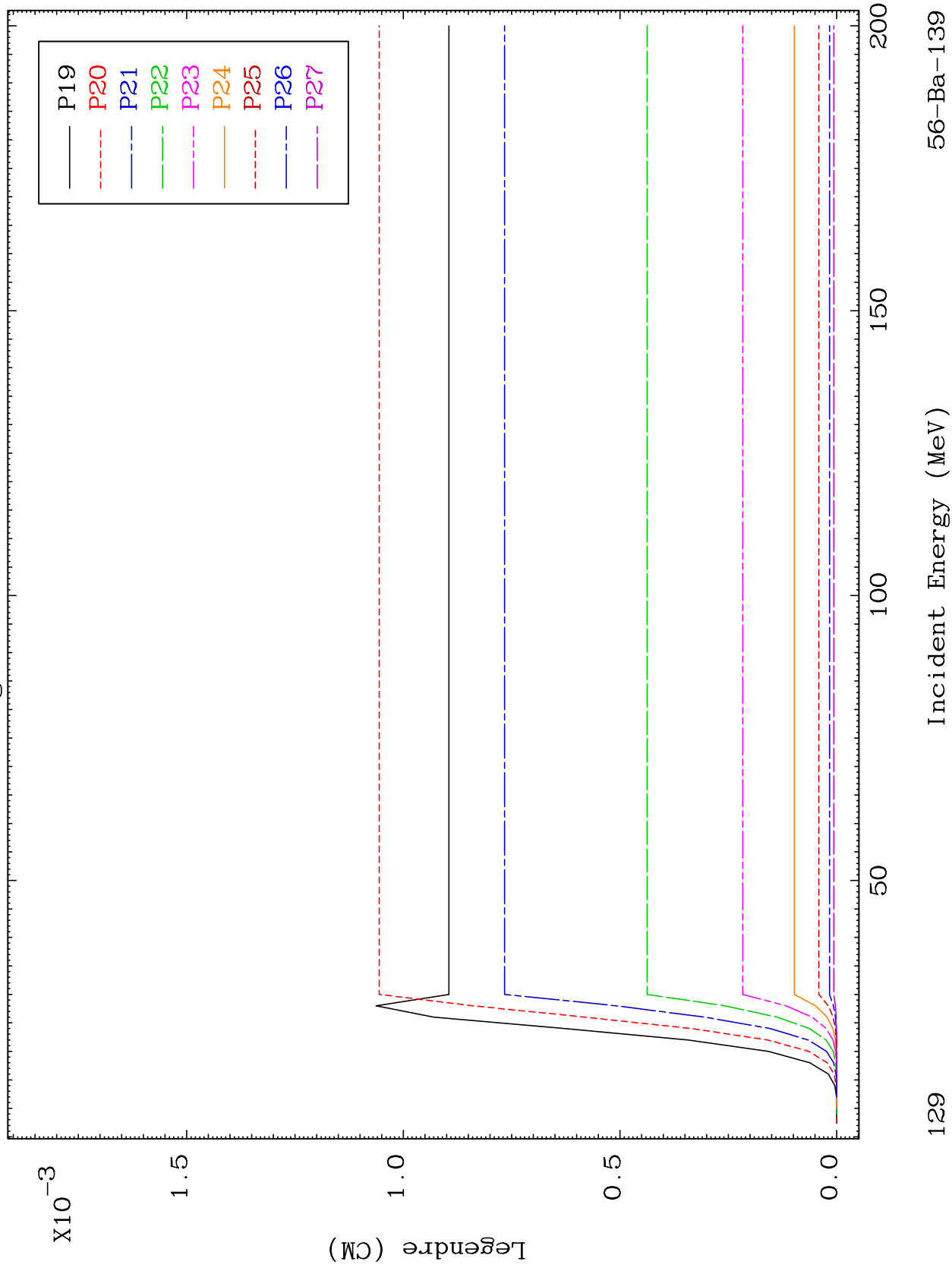
56-Ba-139

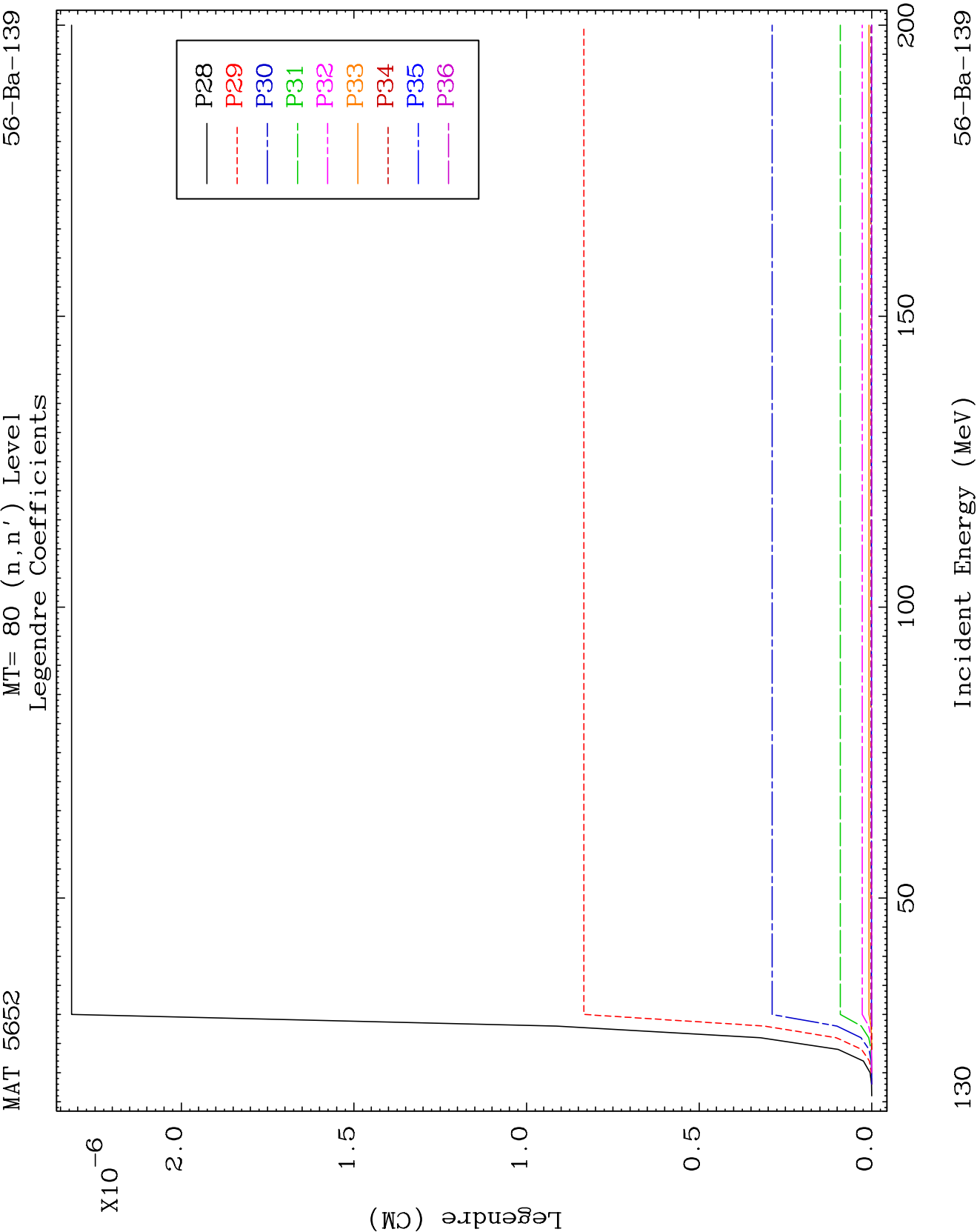


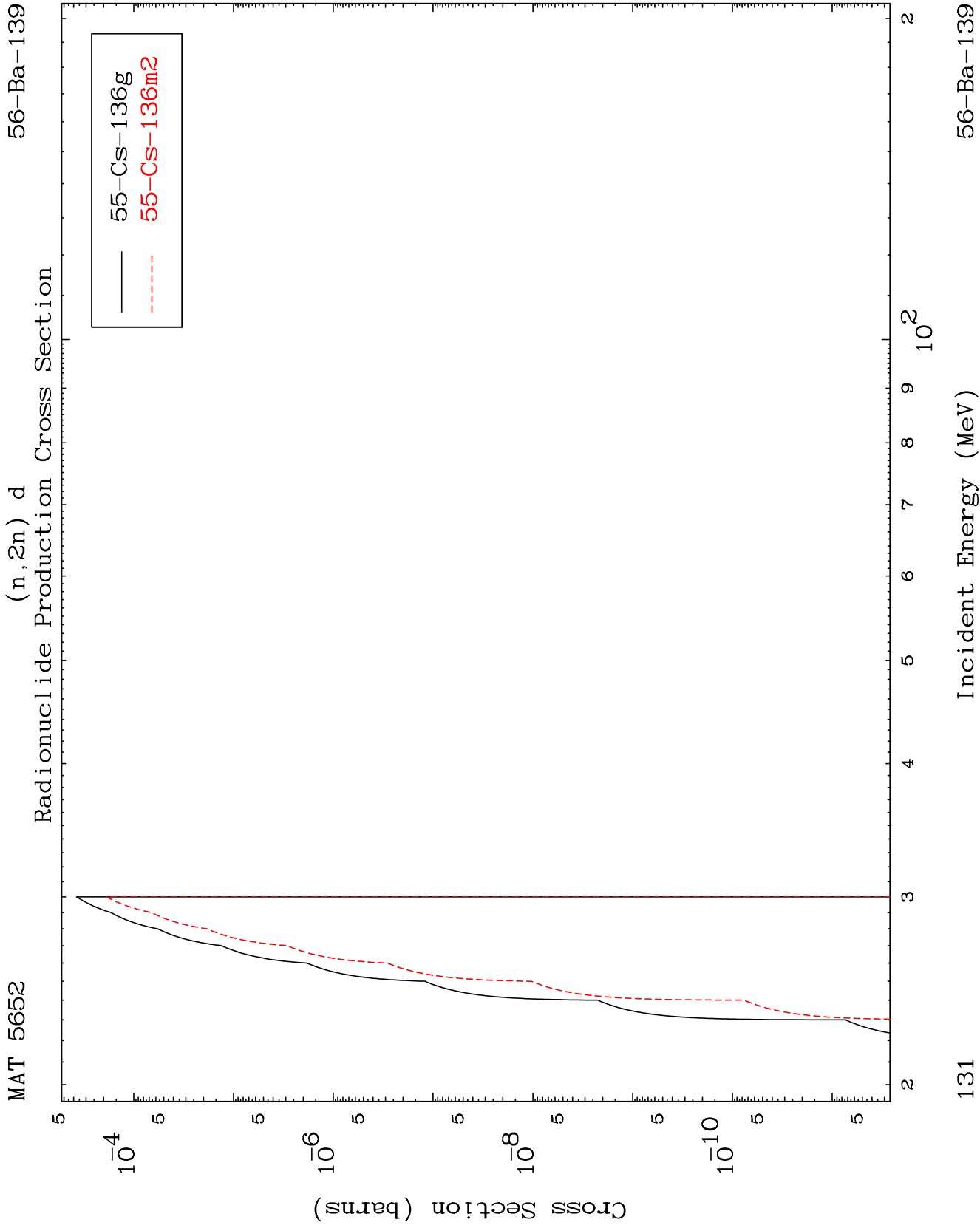
MAT 5652

MT= 80 (n, n') Level
Legendre Coefficients

56-Ba-139



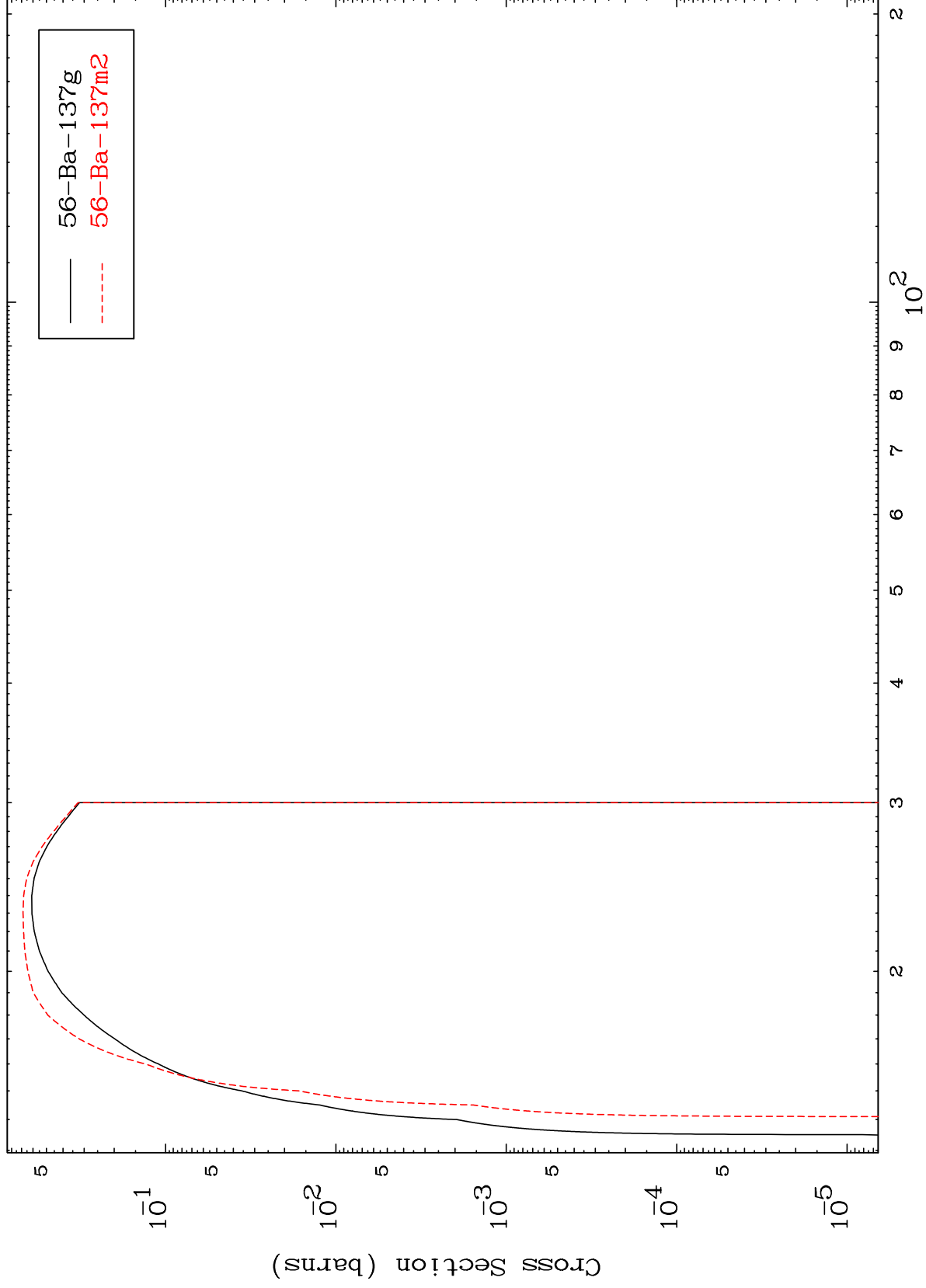




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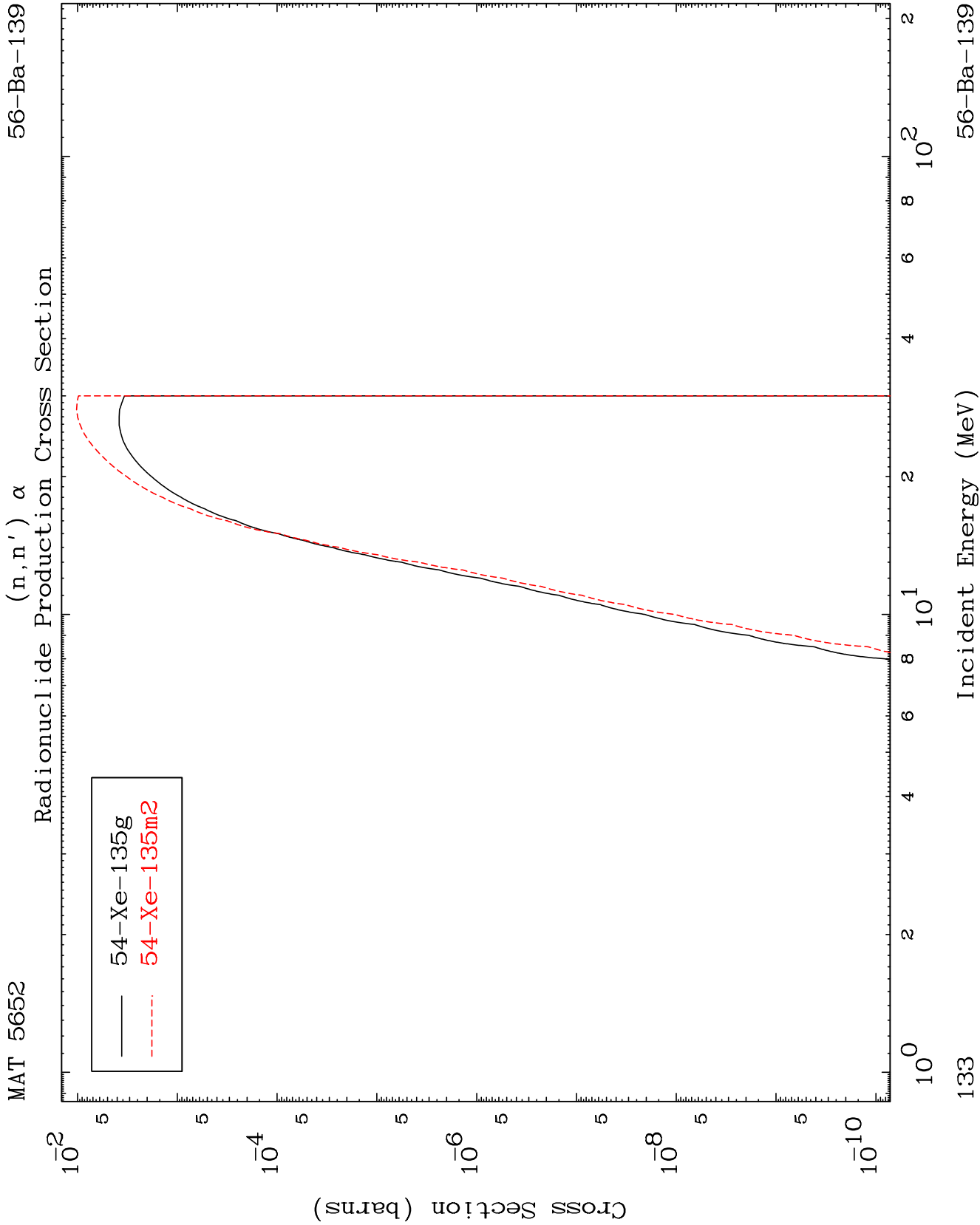
(n,3n)
Radionuclide Production Cross Section

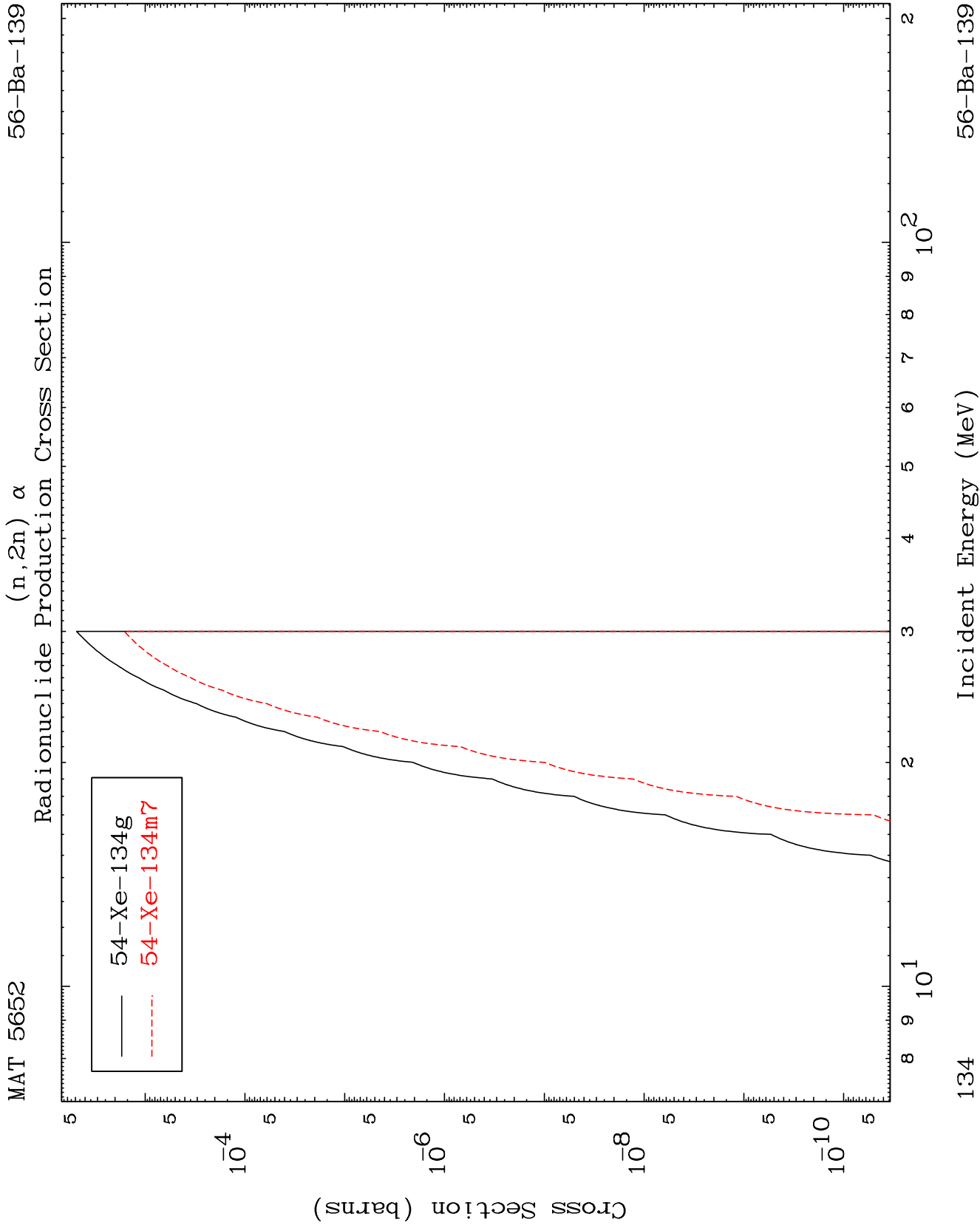


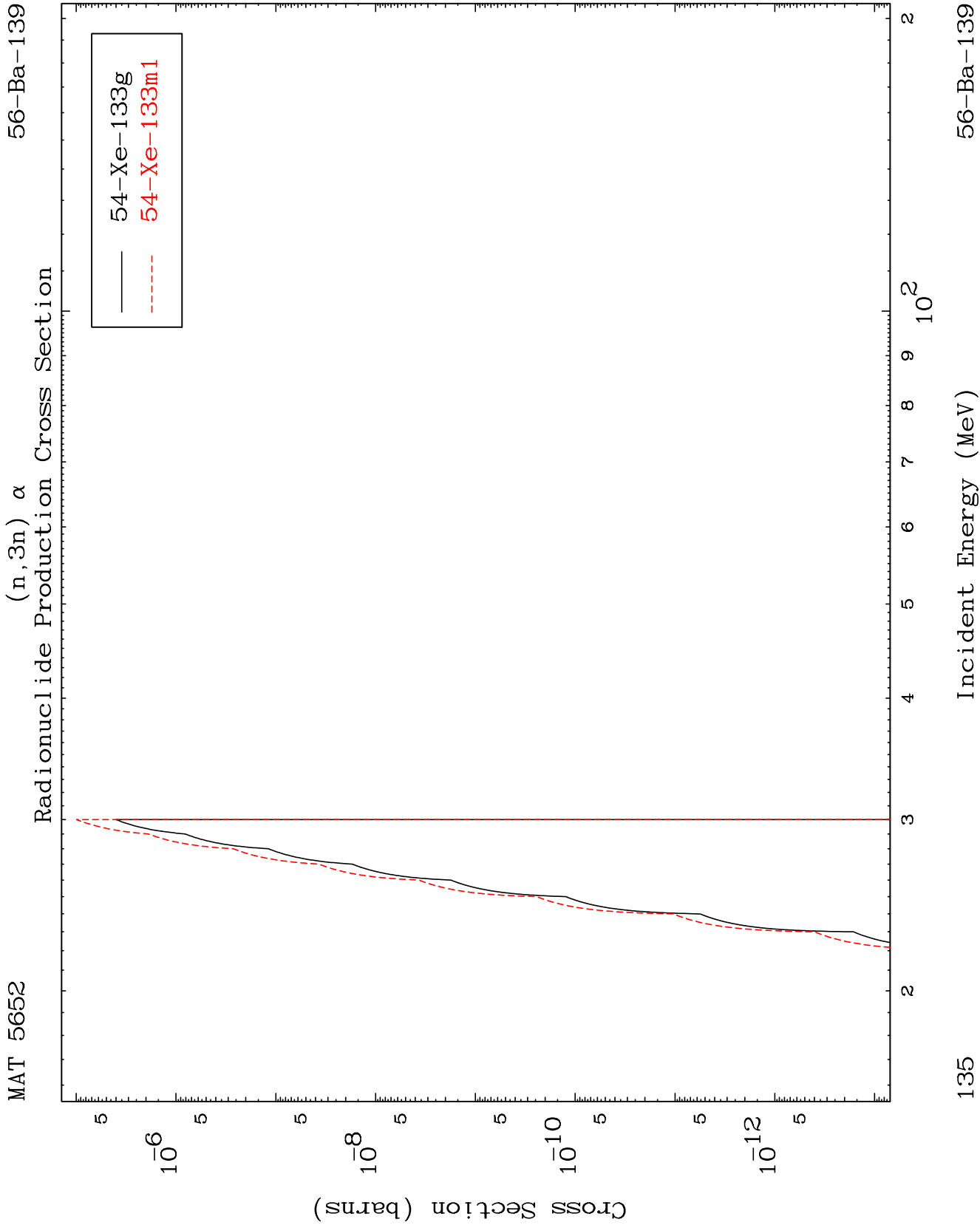
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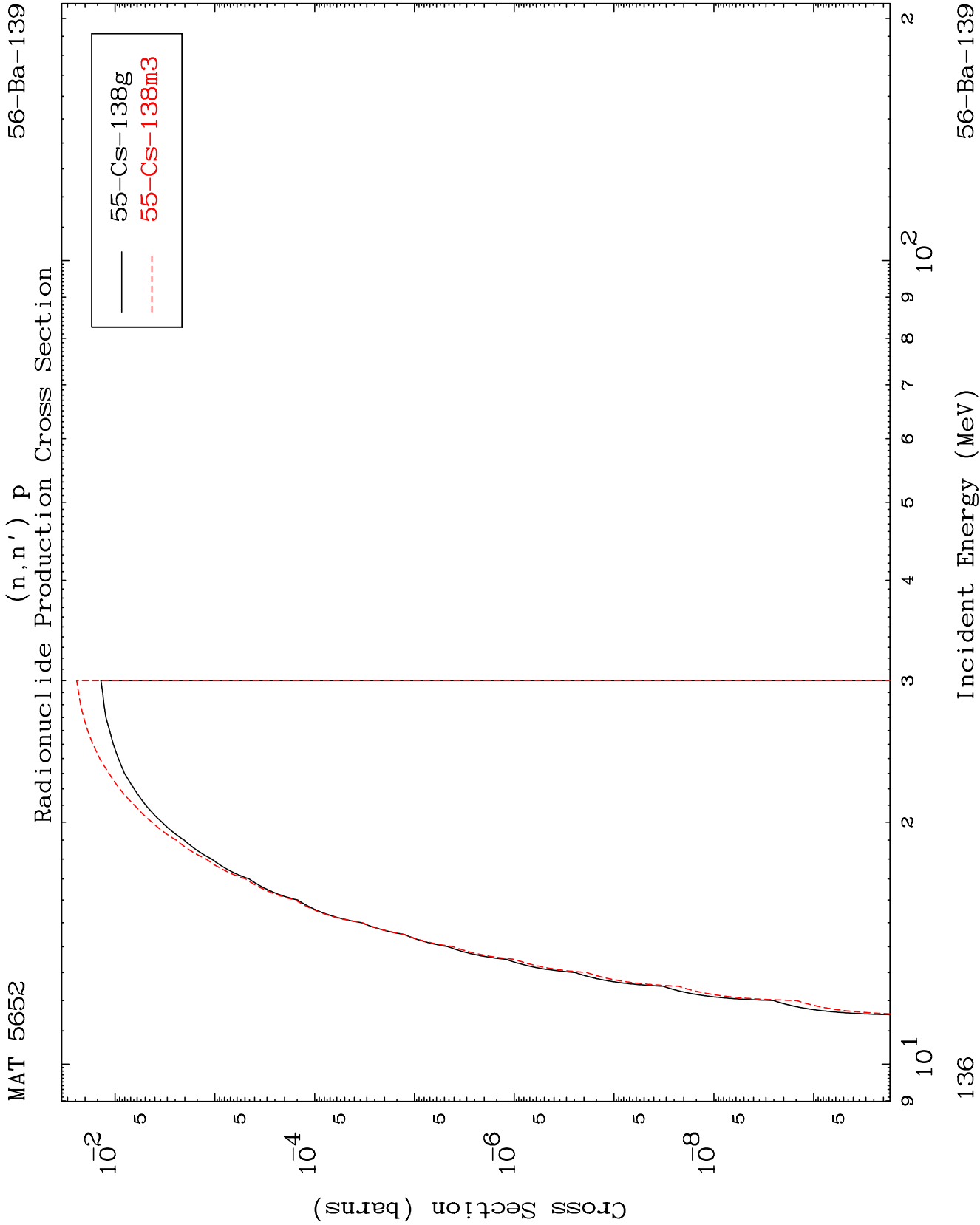
Incident Energy (MeV)

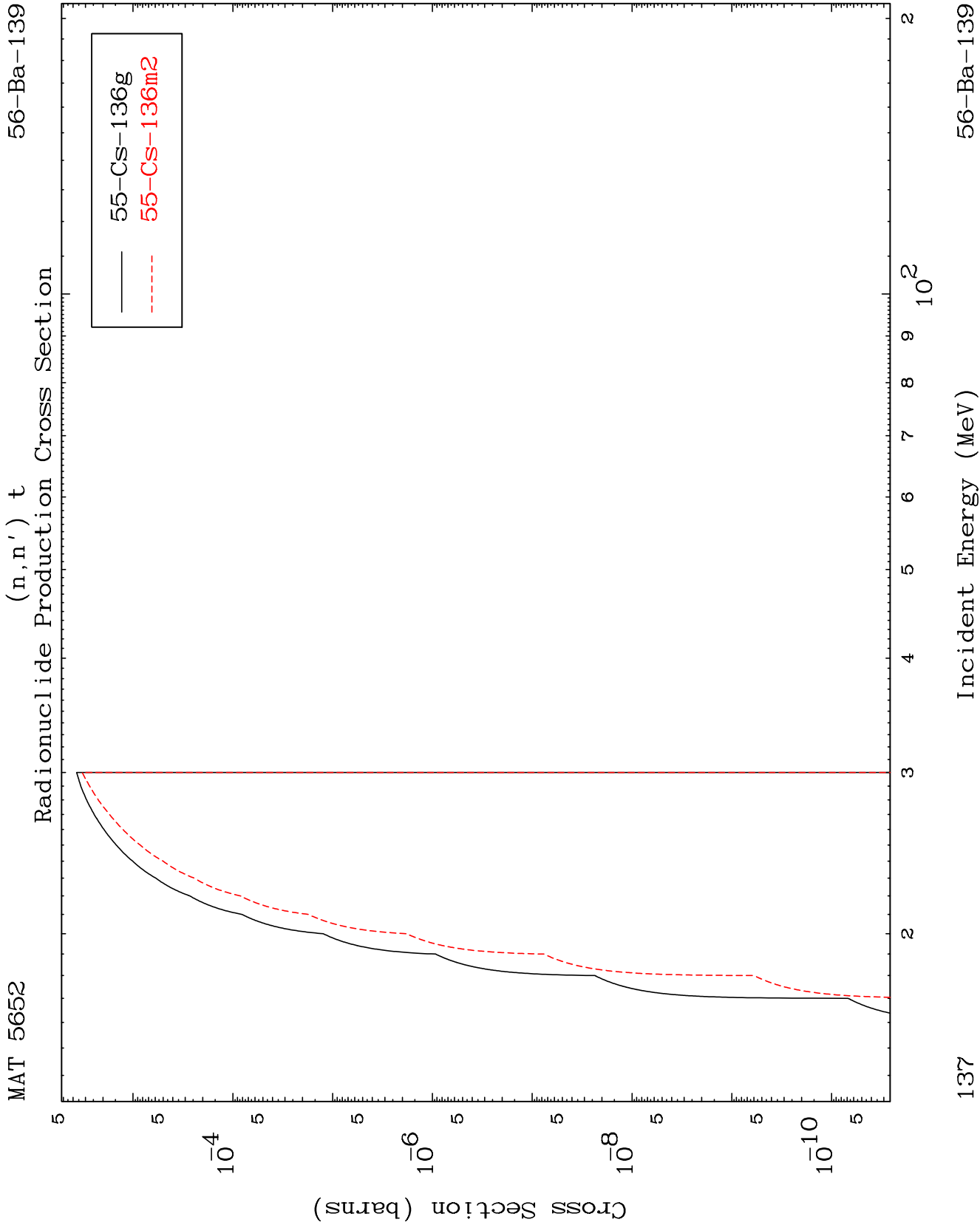
56-Ba-139

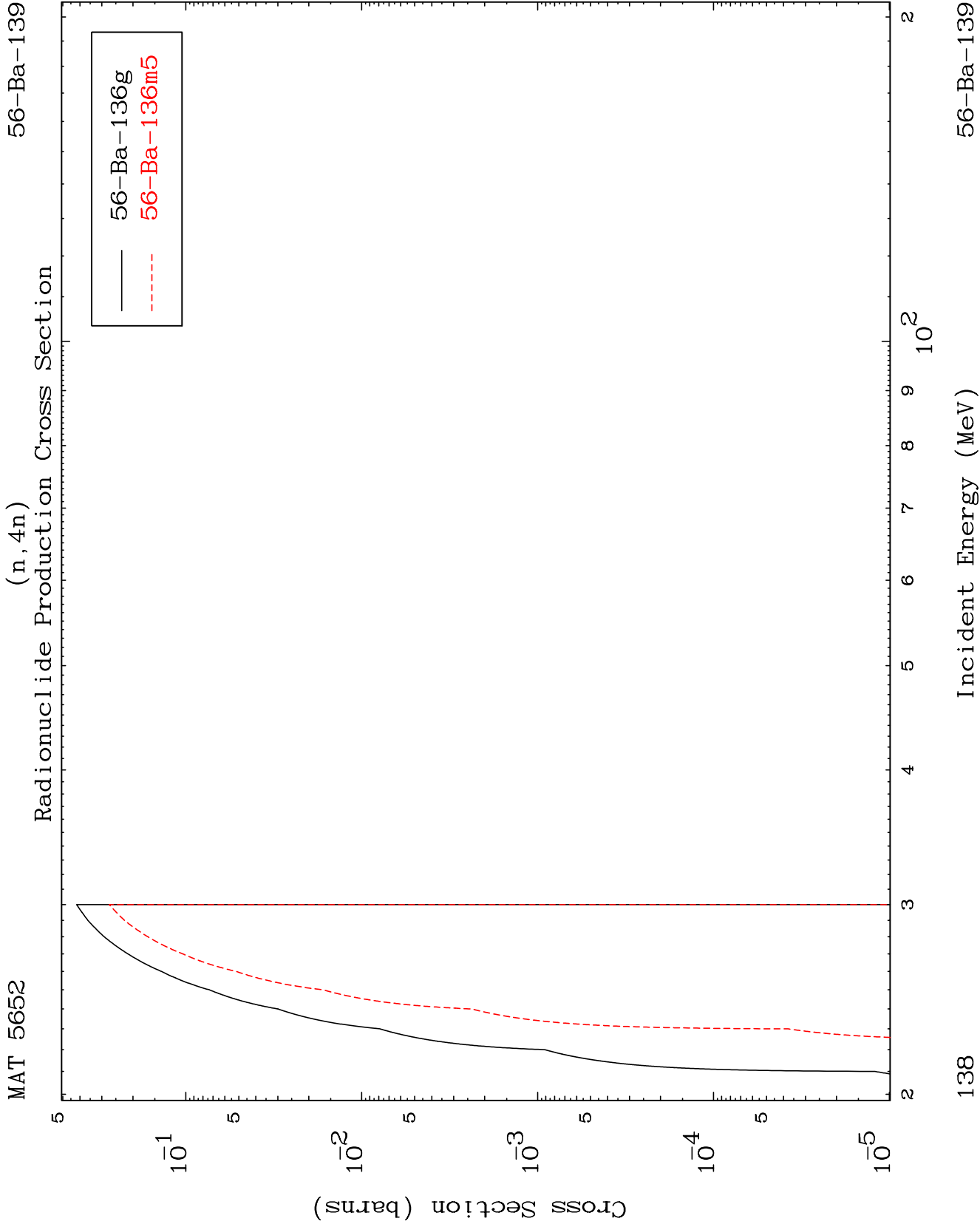


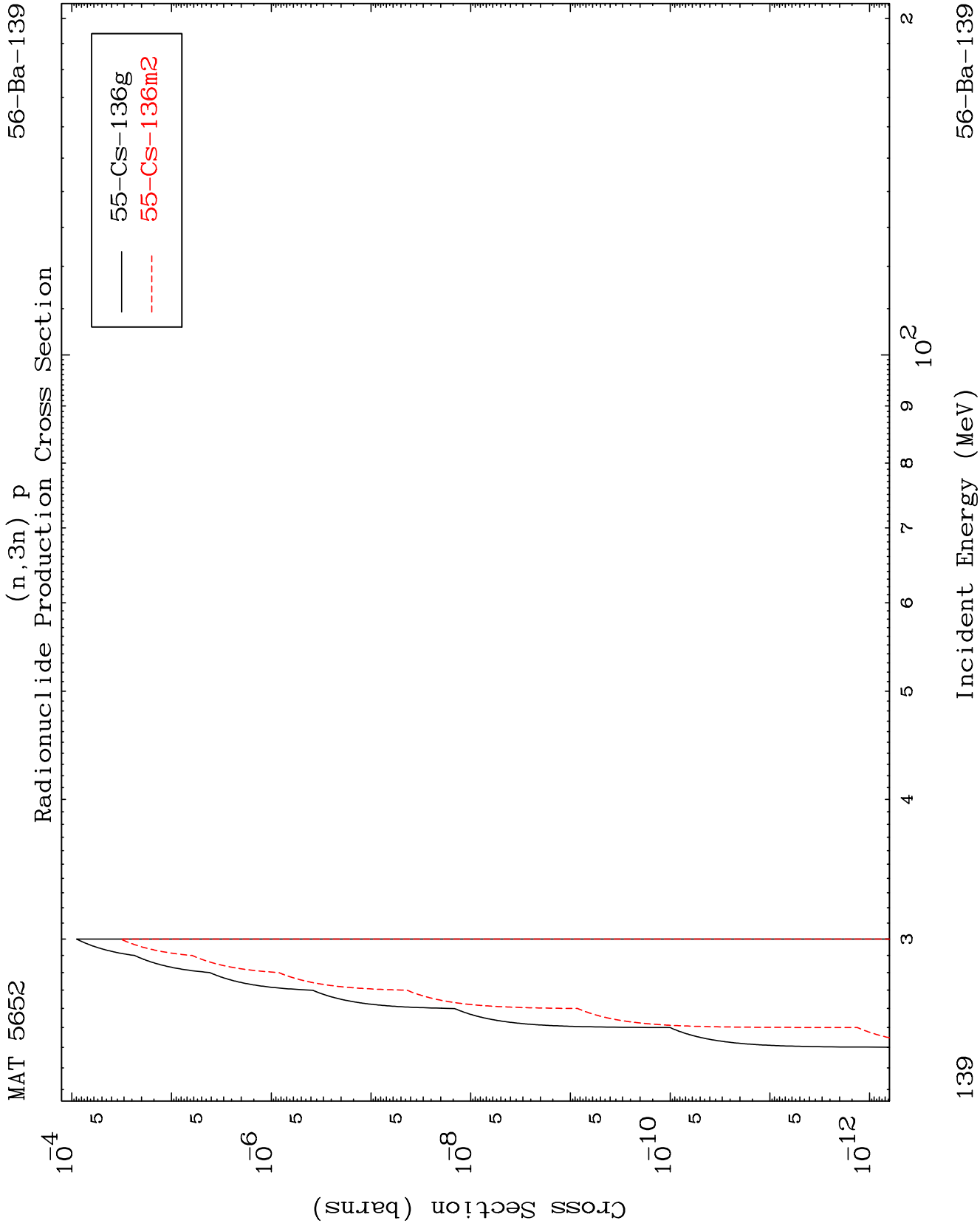








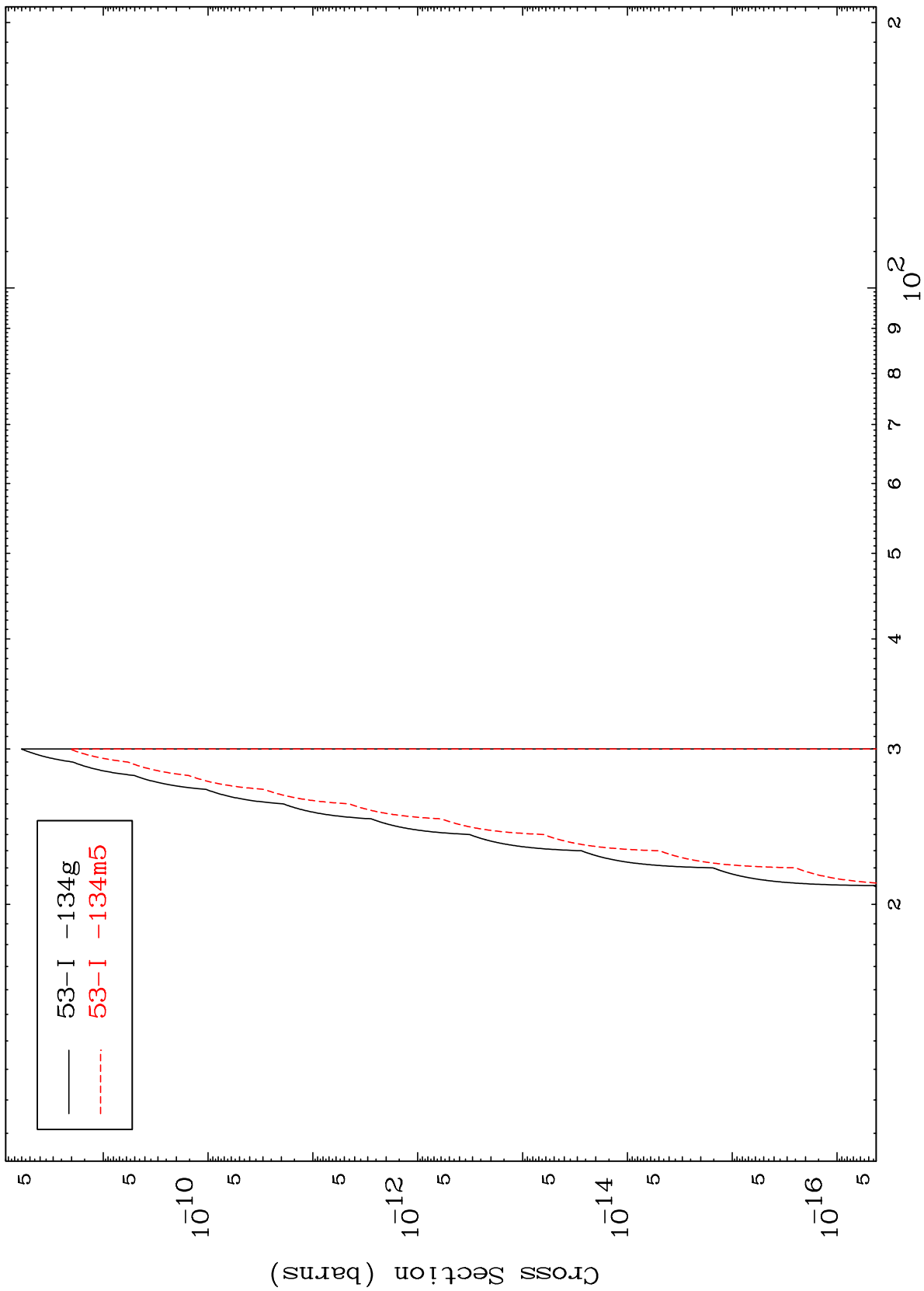




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(n,n') p α
Radionuclide Production Cross Section



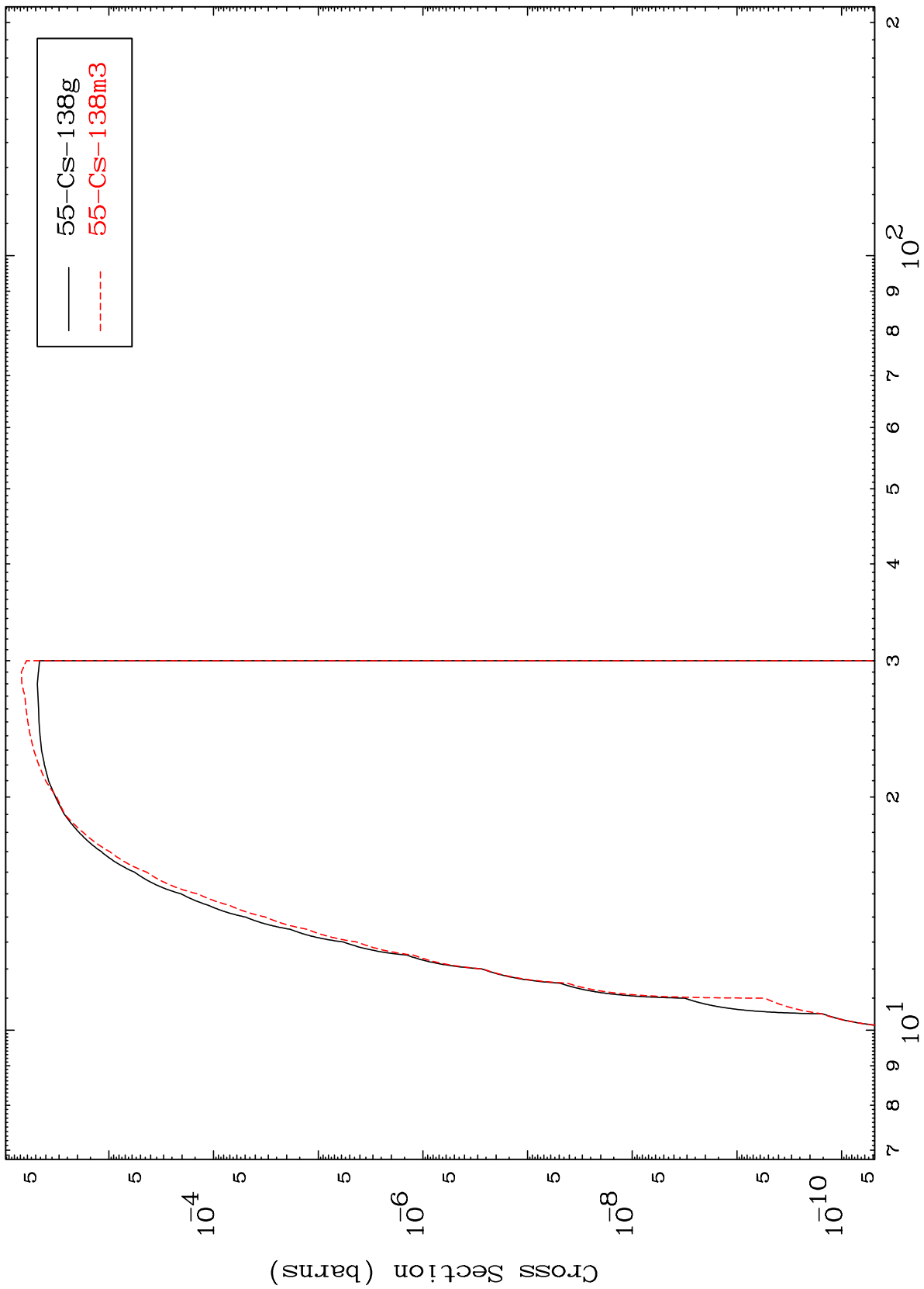
140

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(n,d)
Radionuclide Production Cross Section



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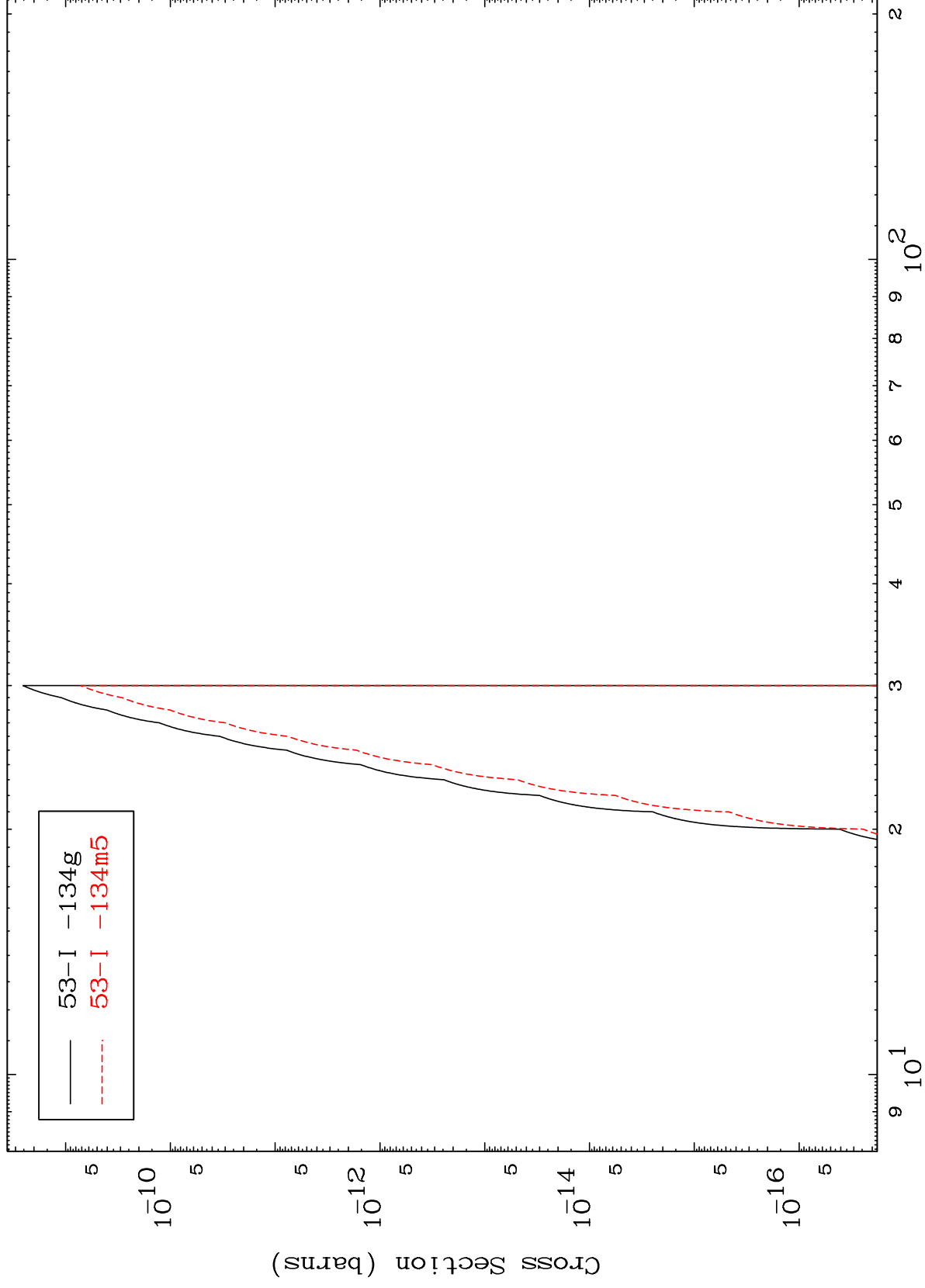
Incident Energy (MeV)

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(n,d) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

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