

Program EVALPLOT
(Version 2018-1)

by

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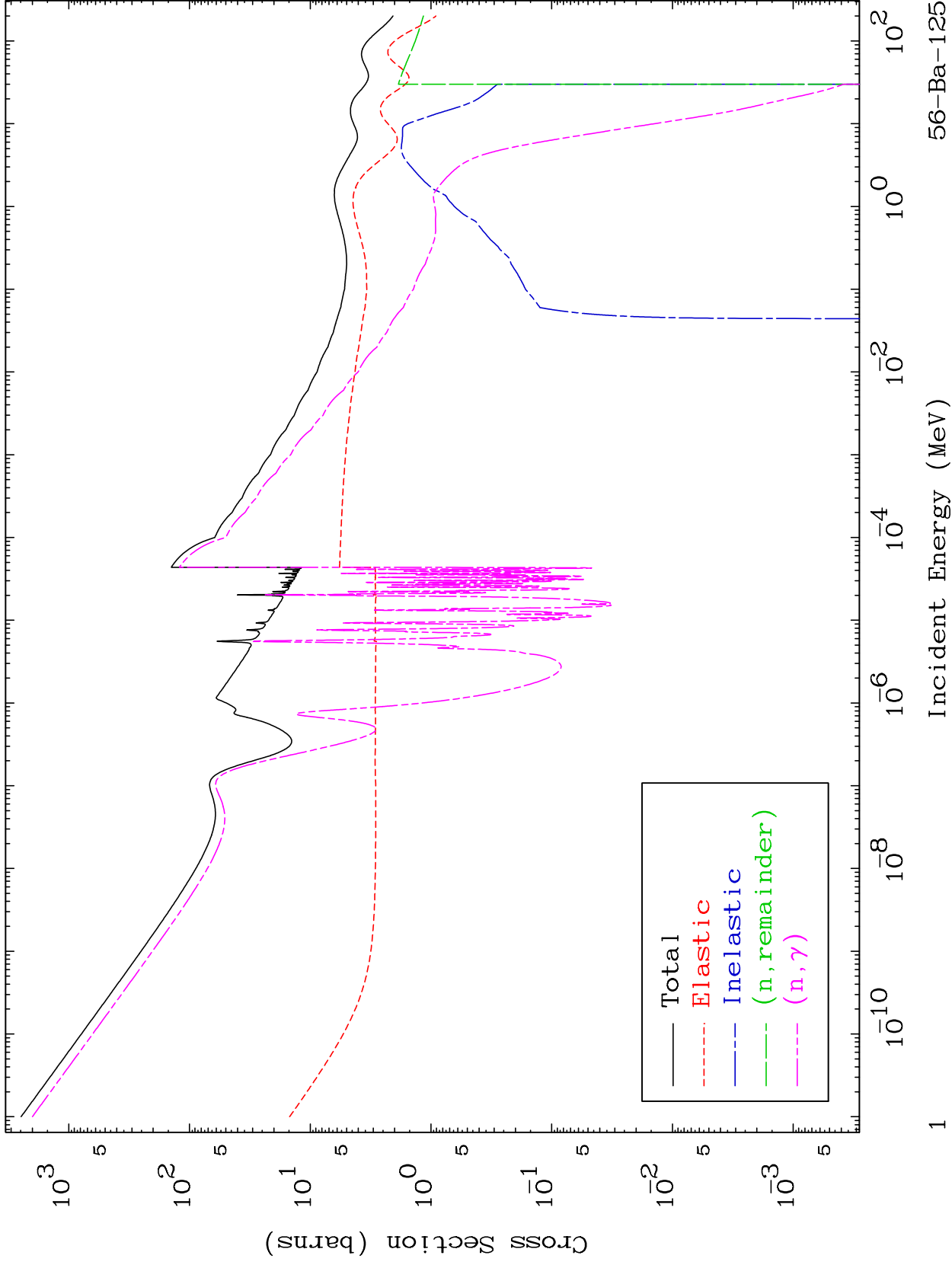
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Press Mouse Button to Start

MAT 5610

Major
293 Kelvin Cross Sections

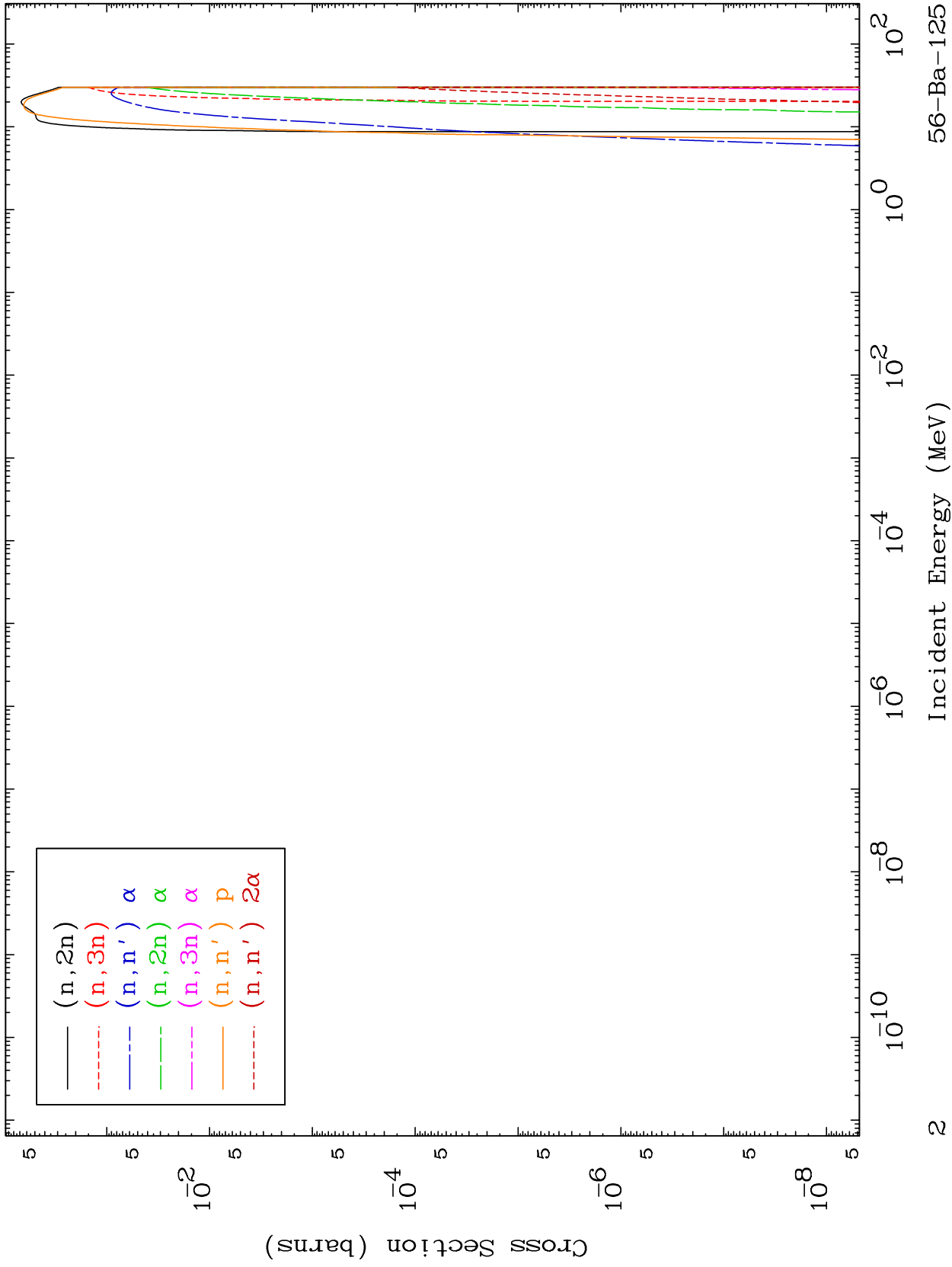
56-Ba-125

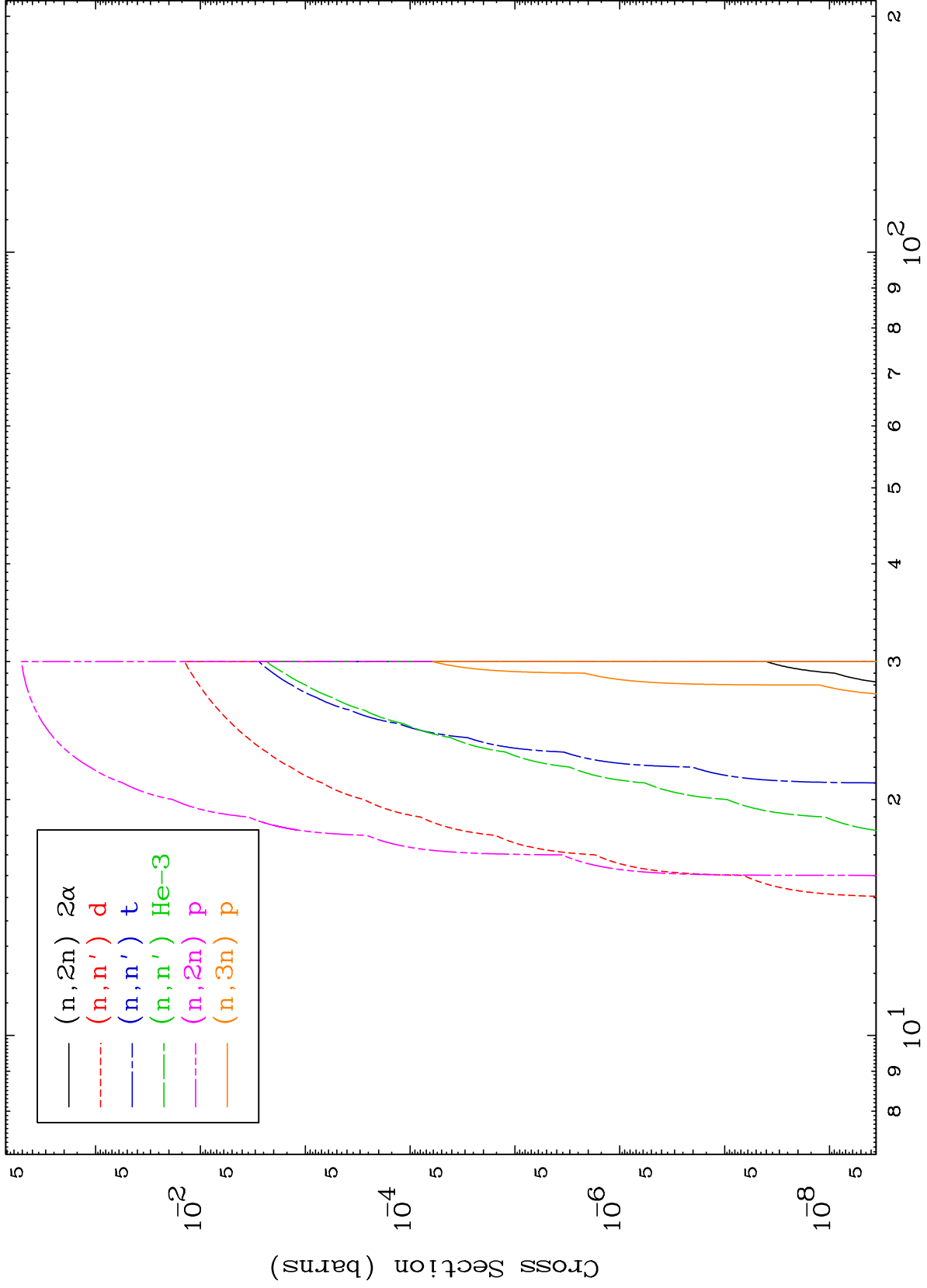


MAT 5610

Neutron Production
293 Kelvin Cross Sections

56-Ba-125

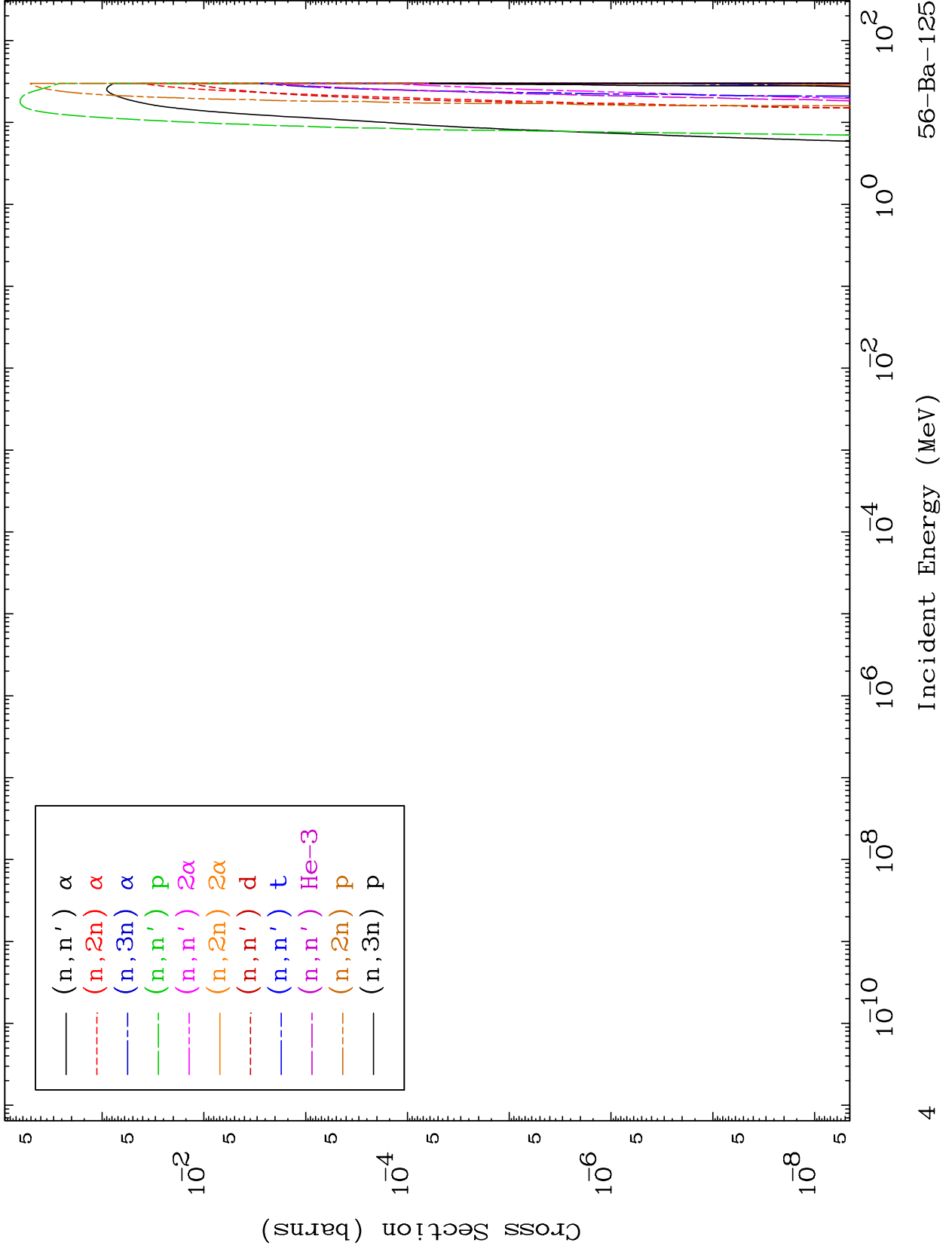




MAT 5610

Charged Particle
293 Kelvin Cross Sections

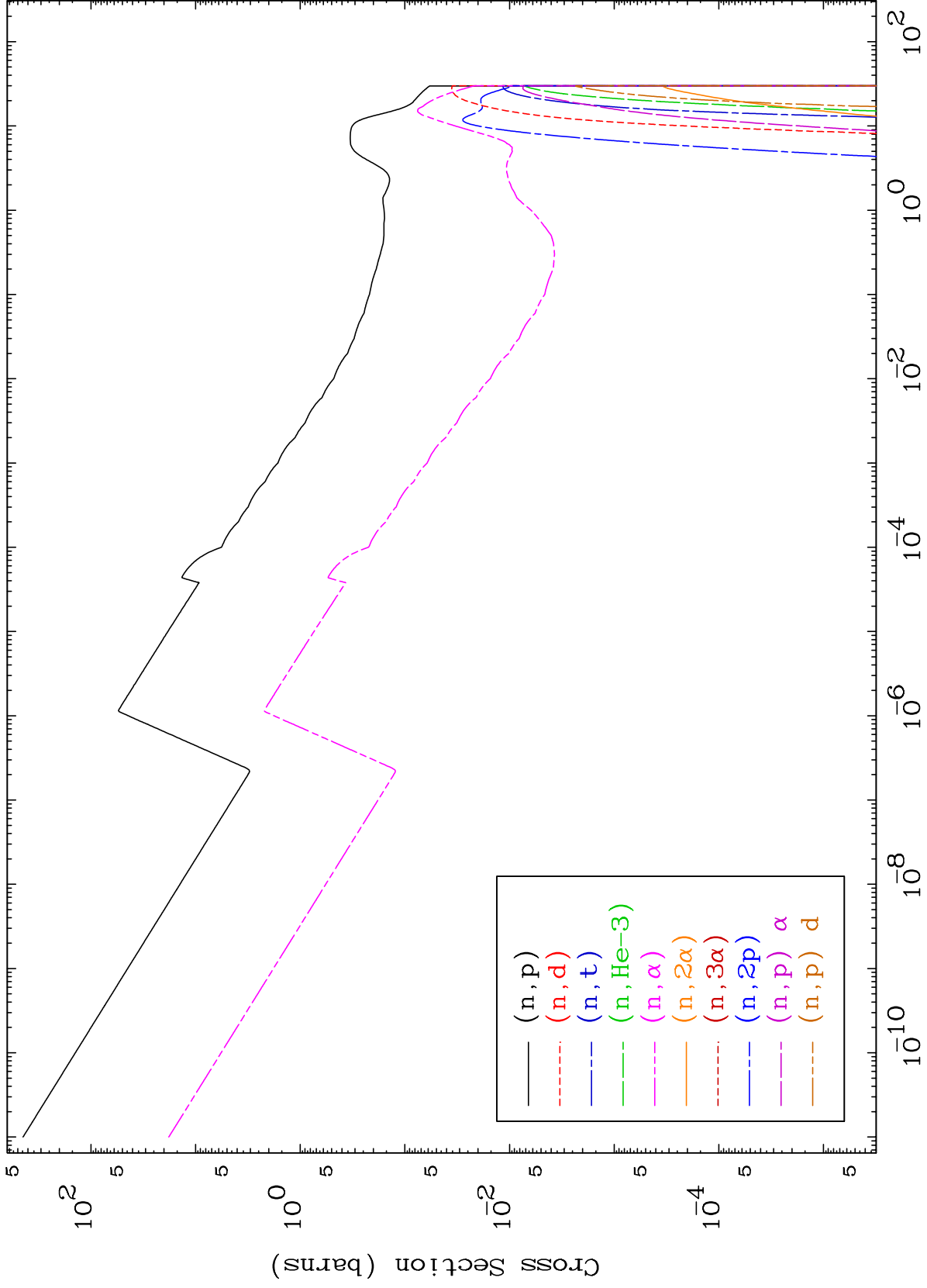
56-Ba-125



MAT 5610

Charged Particle
293 Kelvin Cross Sections

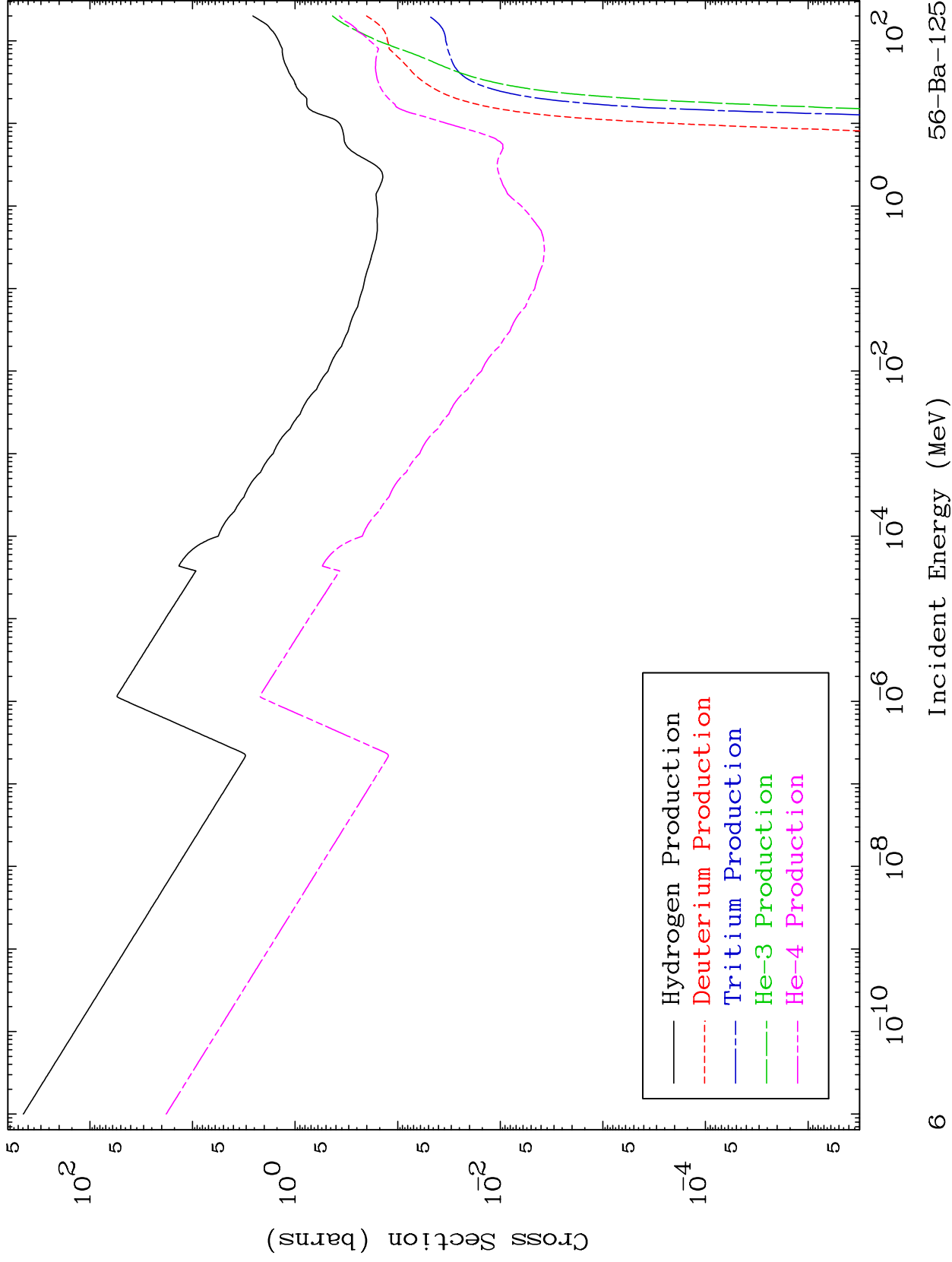
56-Ba-125



MAT 5610

Particle Production
293 Kelvin Cross Sections

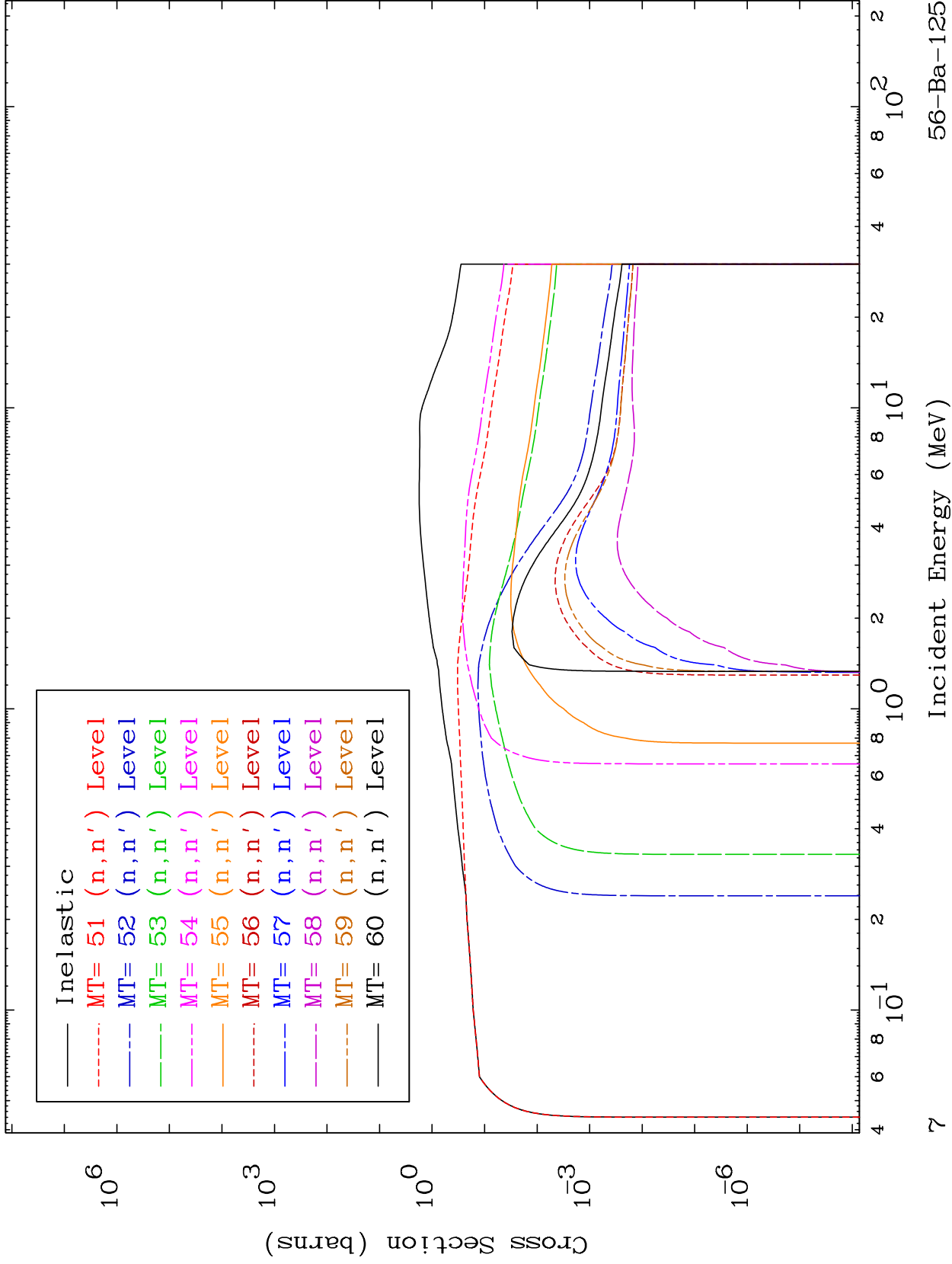
56-Ba-125



MAT 5610

(n,n') Level
293 Kelvin Cross Sections

56-Ba-125

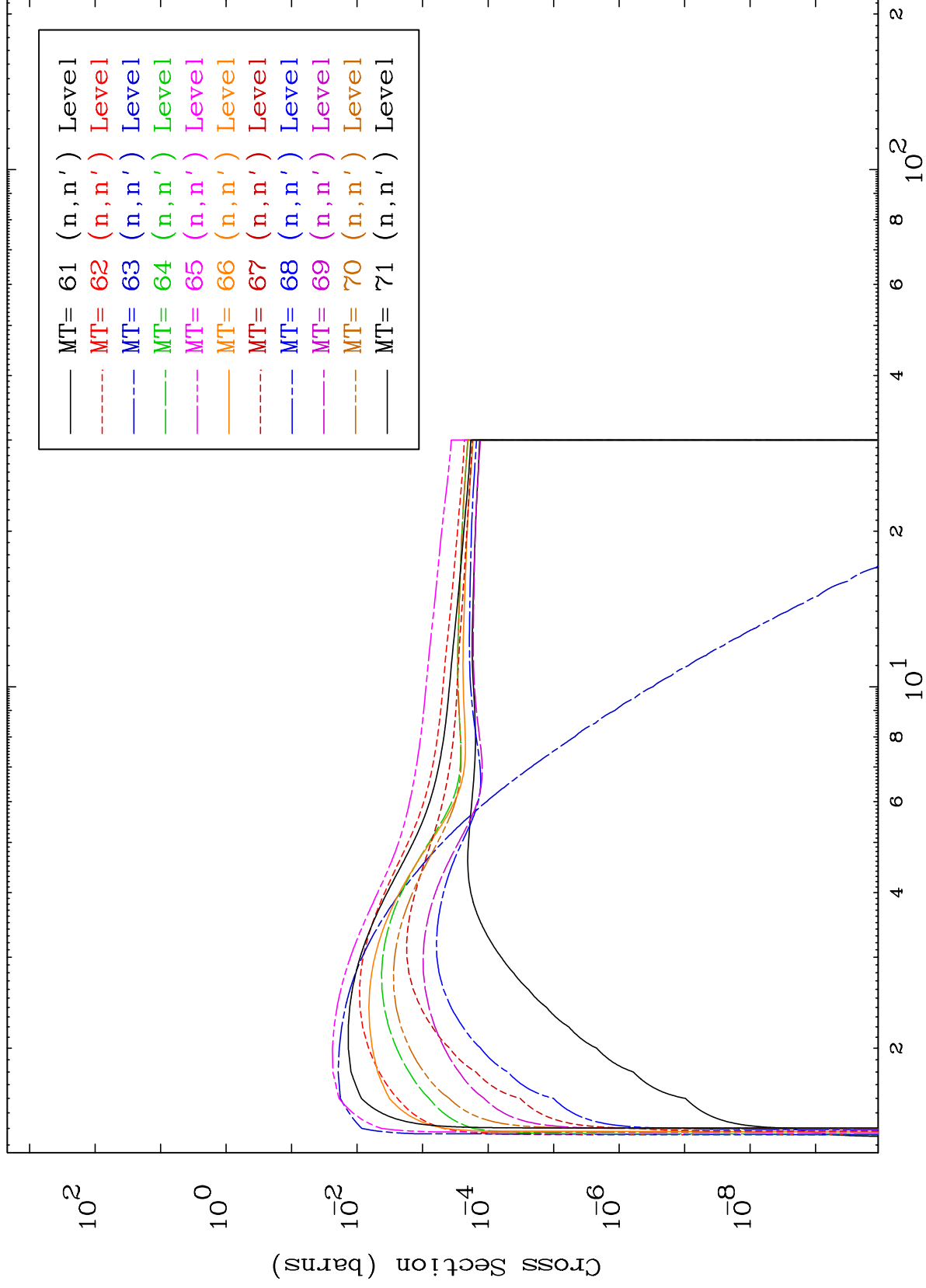


MAT 5610

(n,n') Level

293 Kelvin Cross Sections

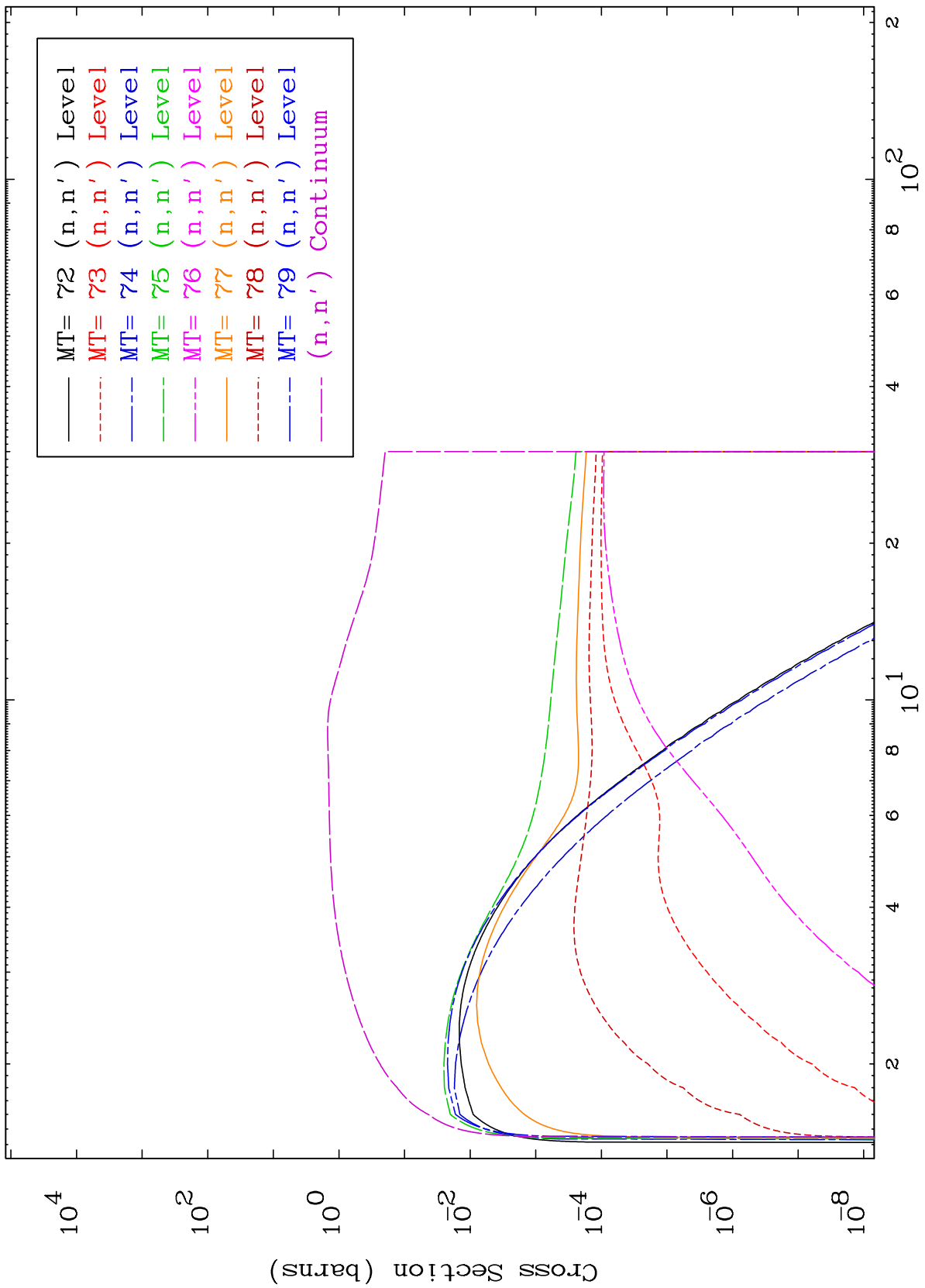
56-Ba-125

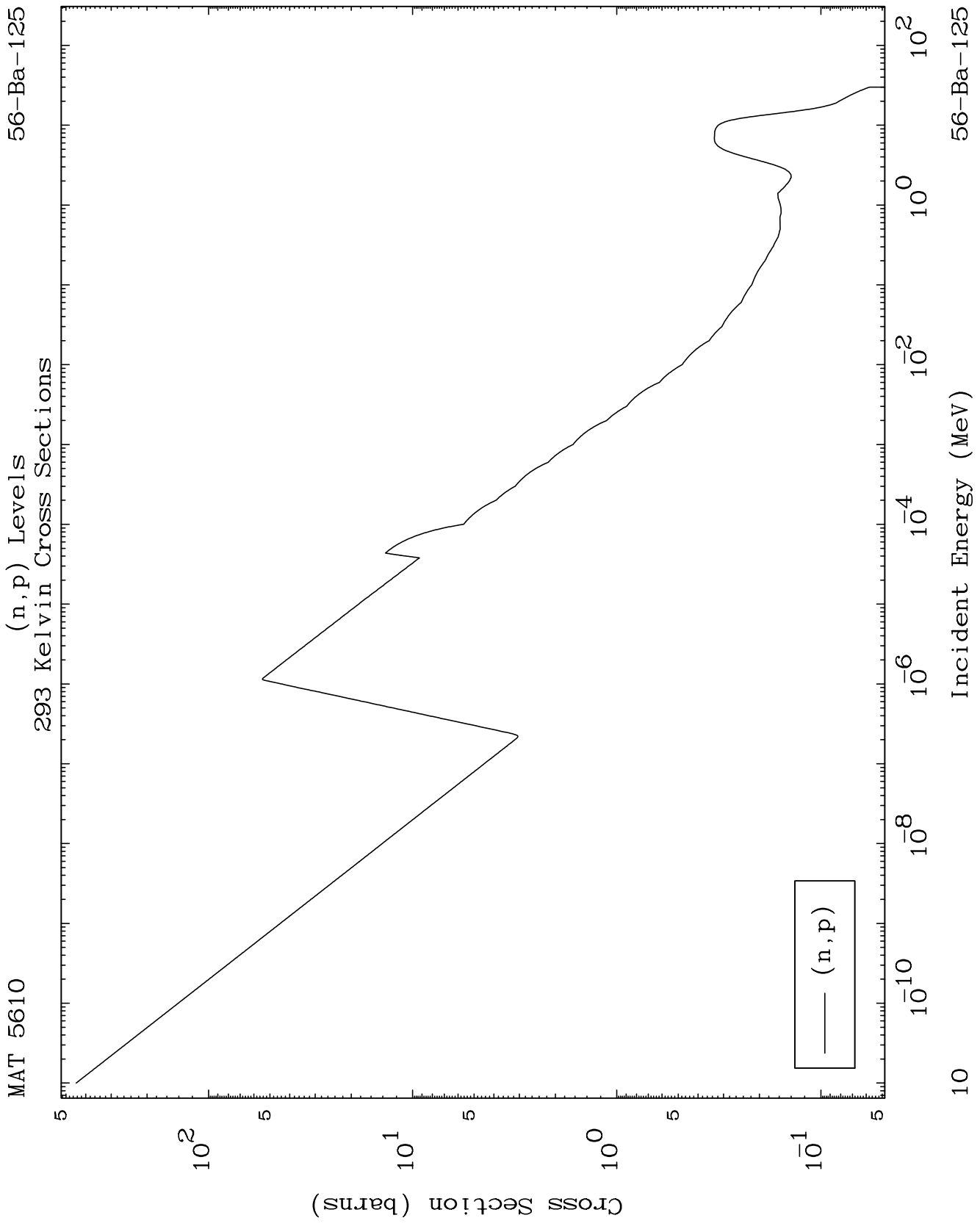


8

Incident Energy (MeV)

56-Ba-125

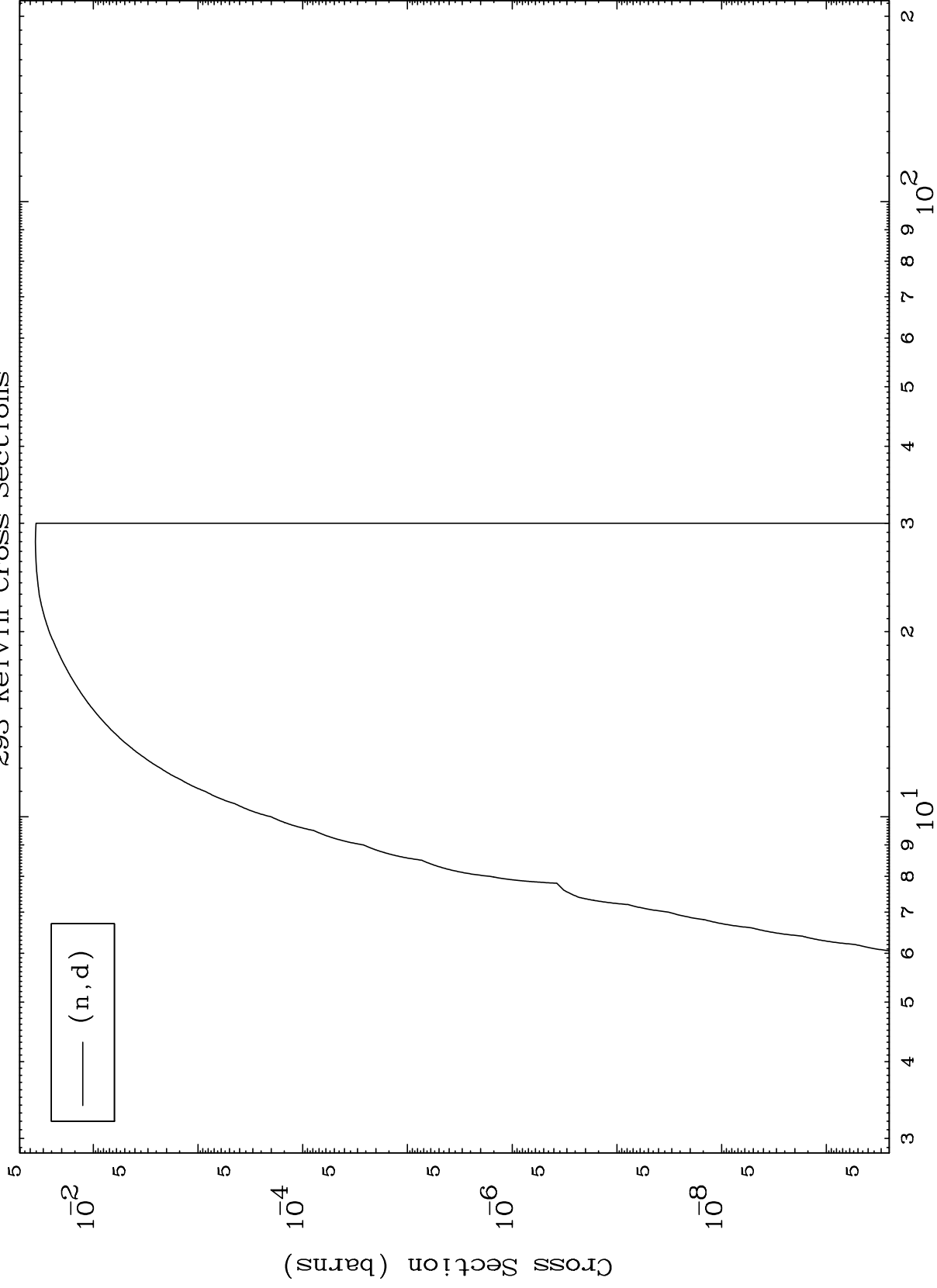




MAT 5610

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-125



11

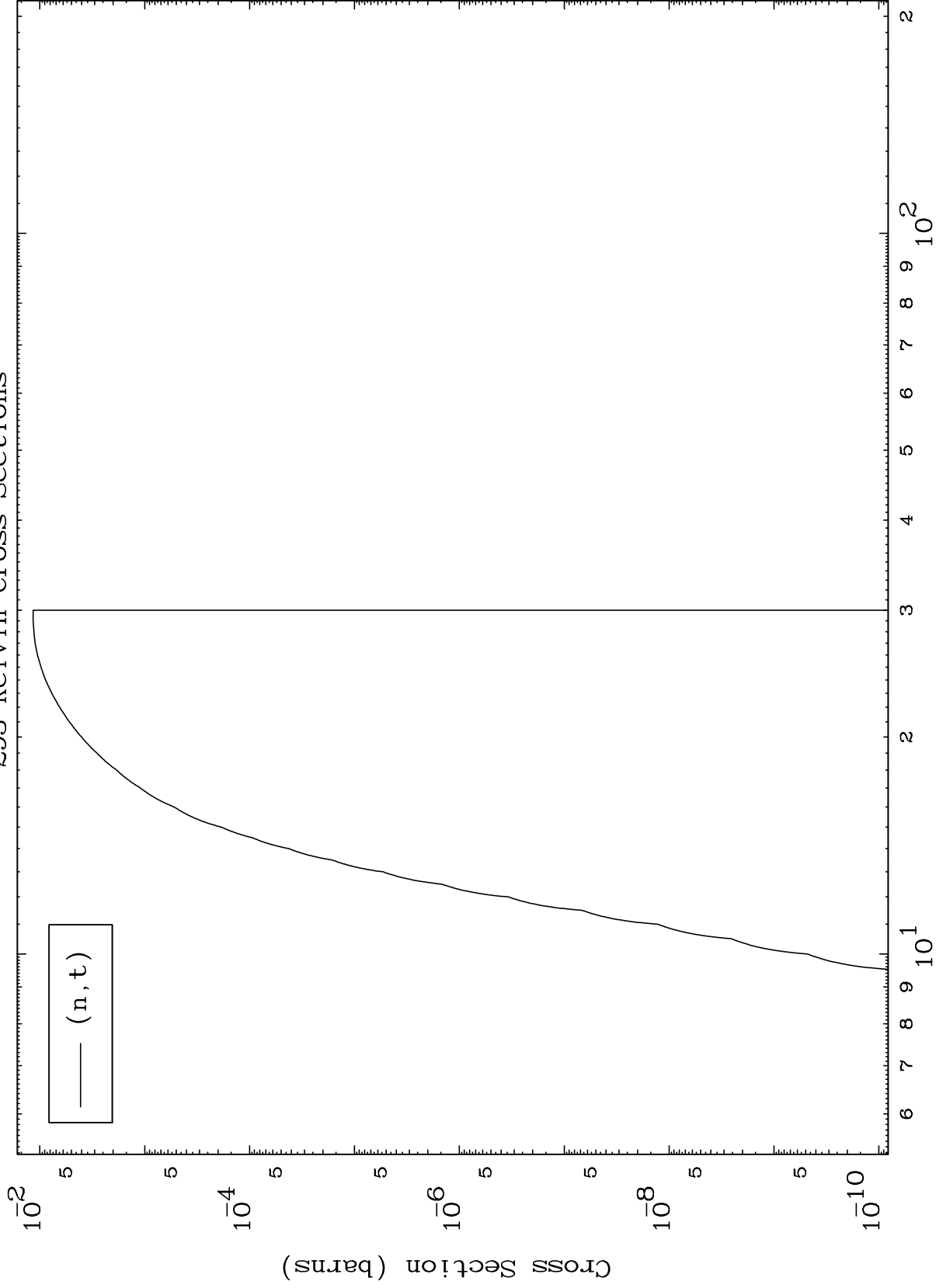
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,t) Levels
293 Kelvin Cross Sections

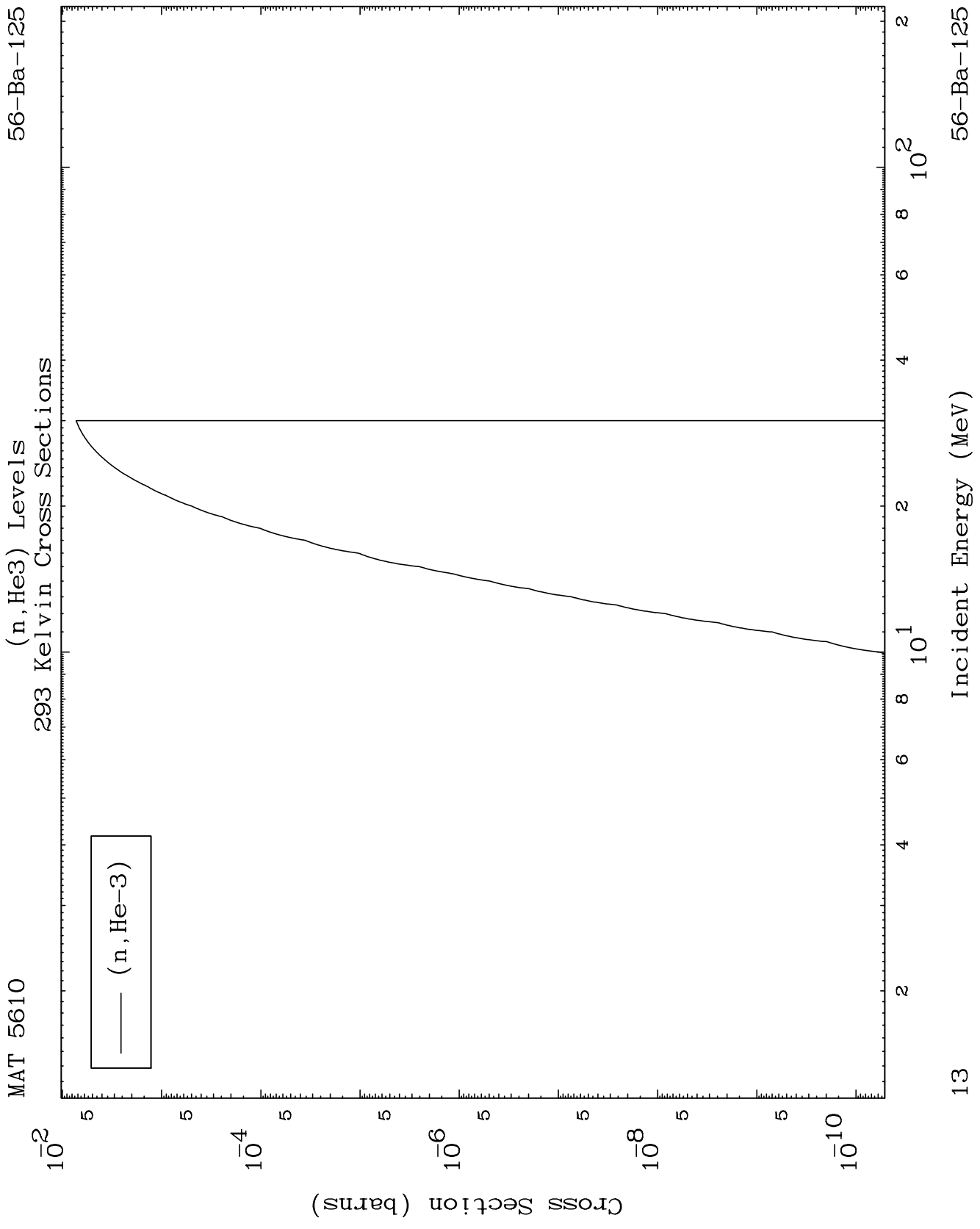
56-Ba-125



12

Incident Energy (MeV)

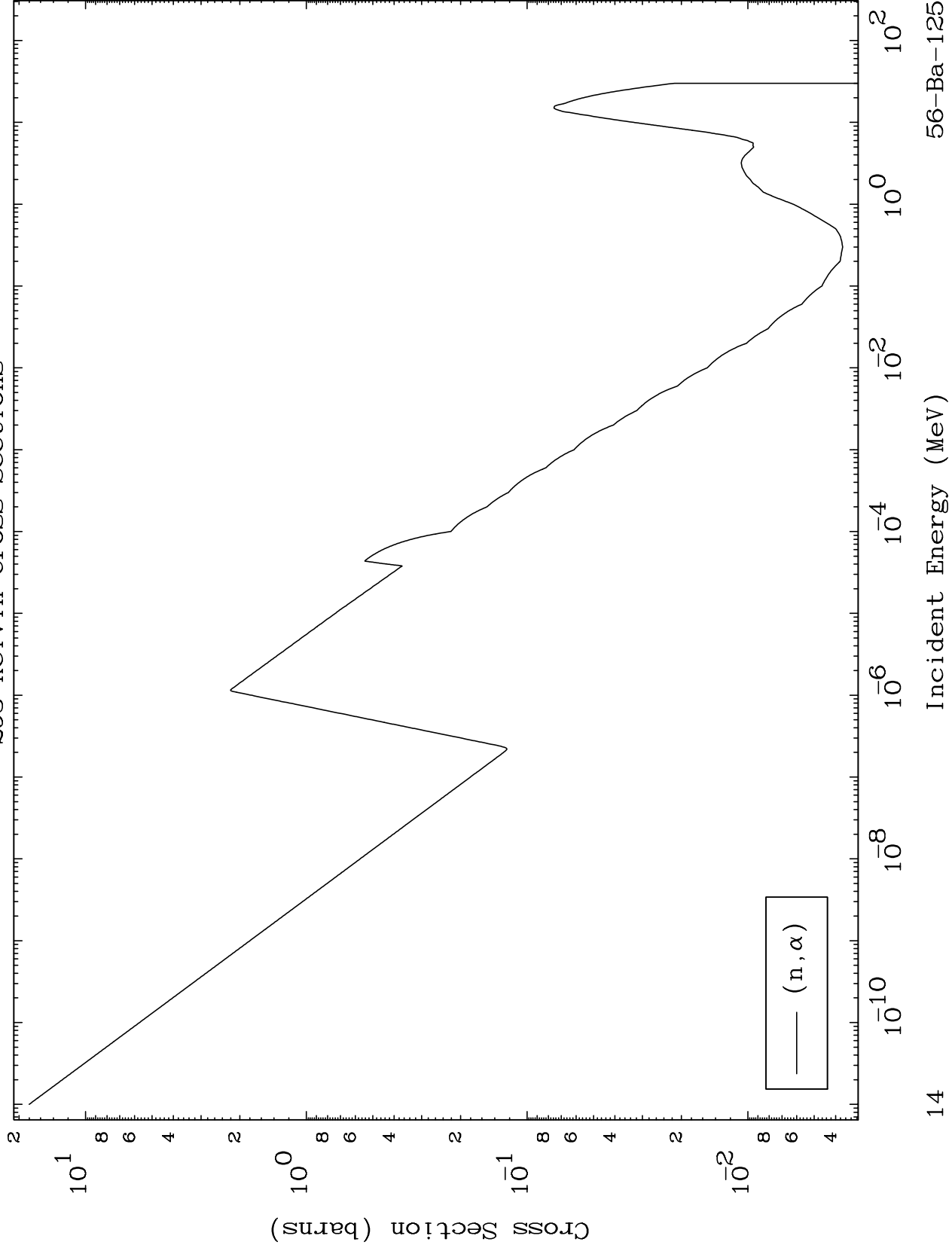
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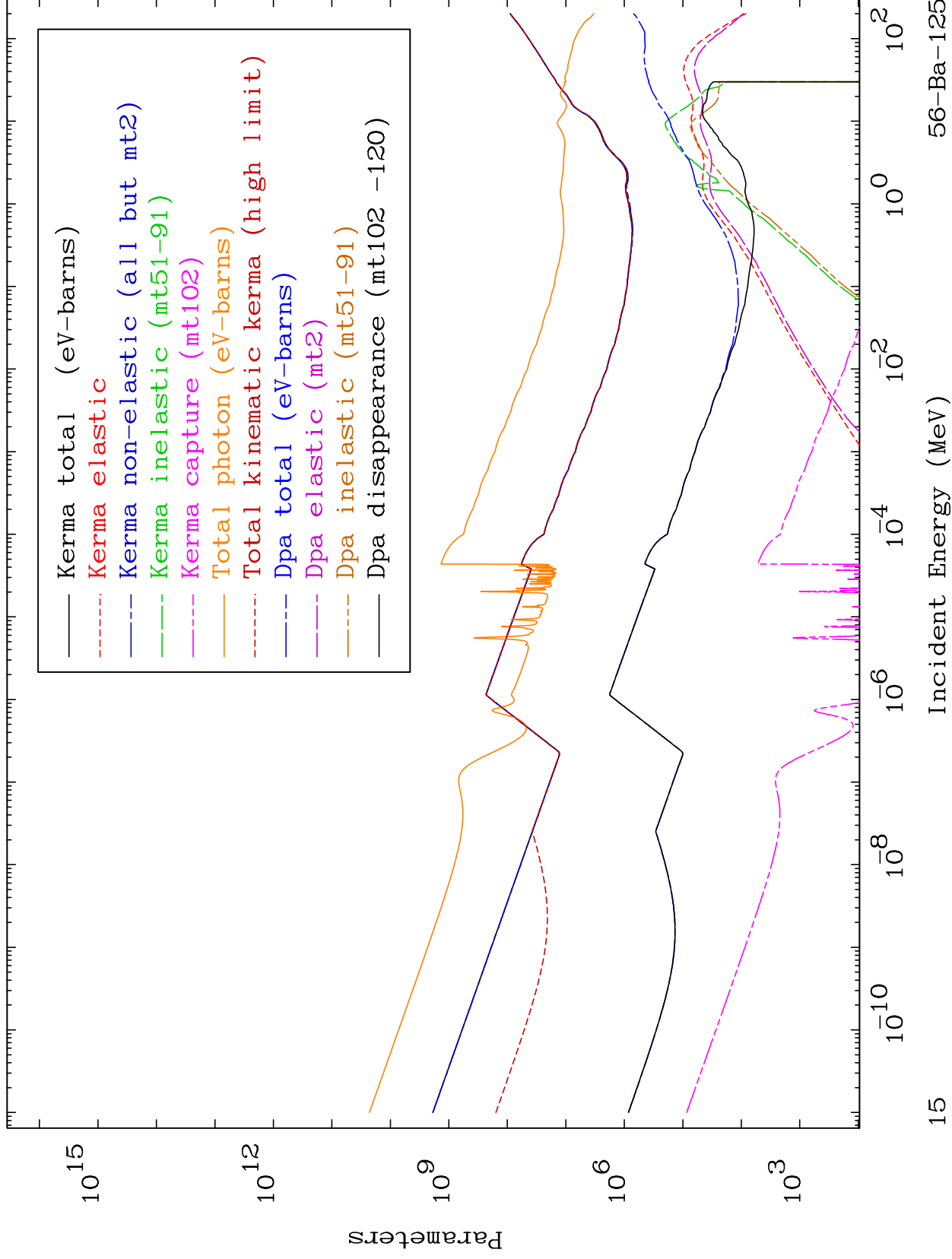


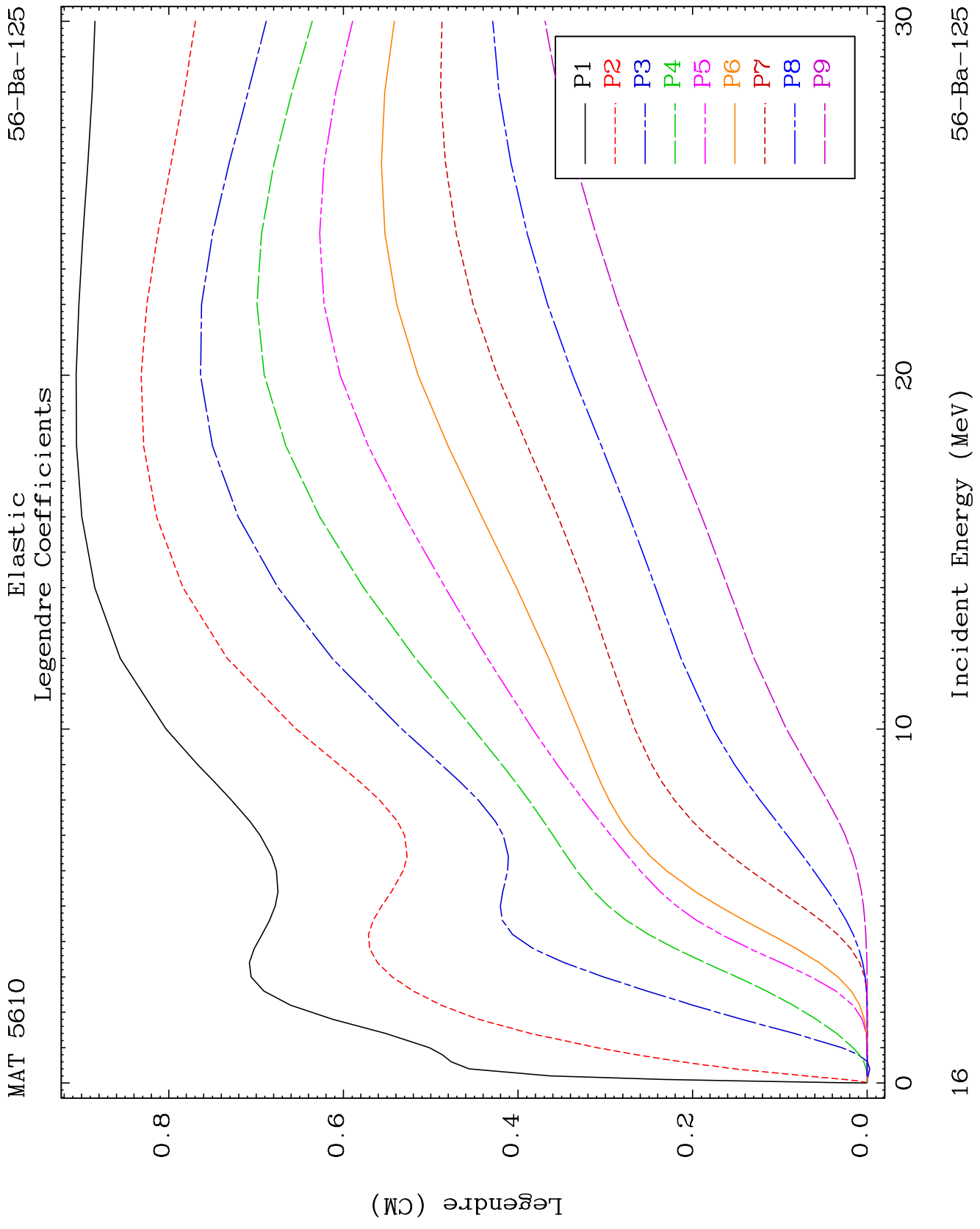
MAT 5610

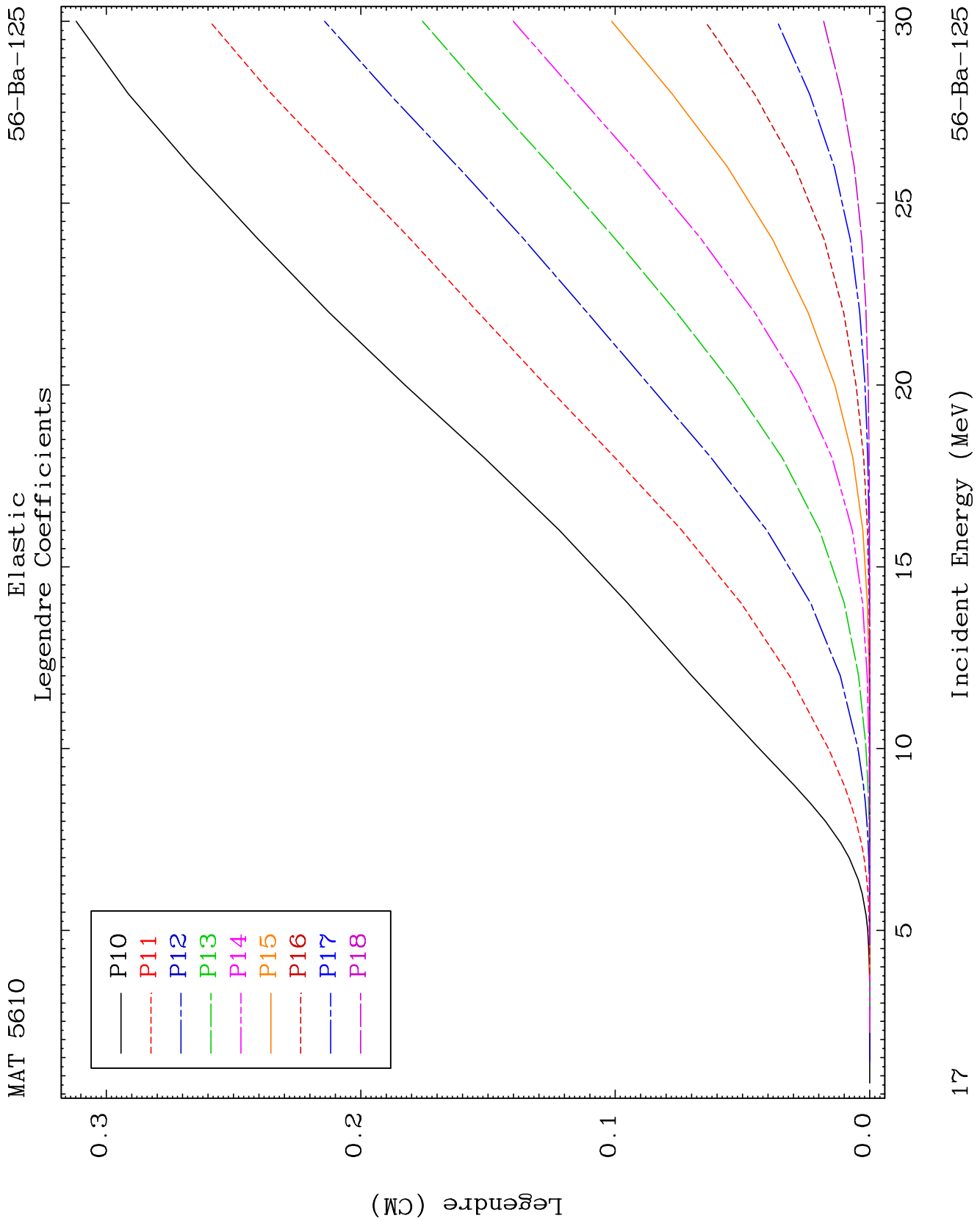
(n,α) Levels
293 Kelvin Cross Sections

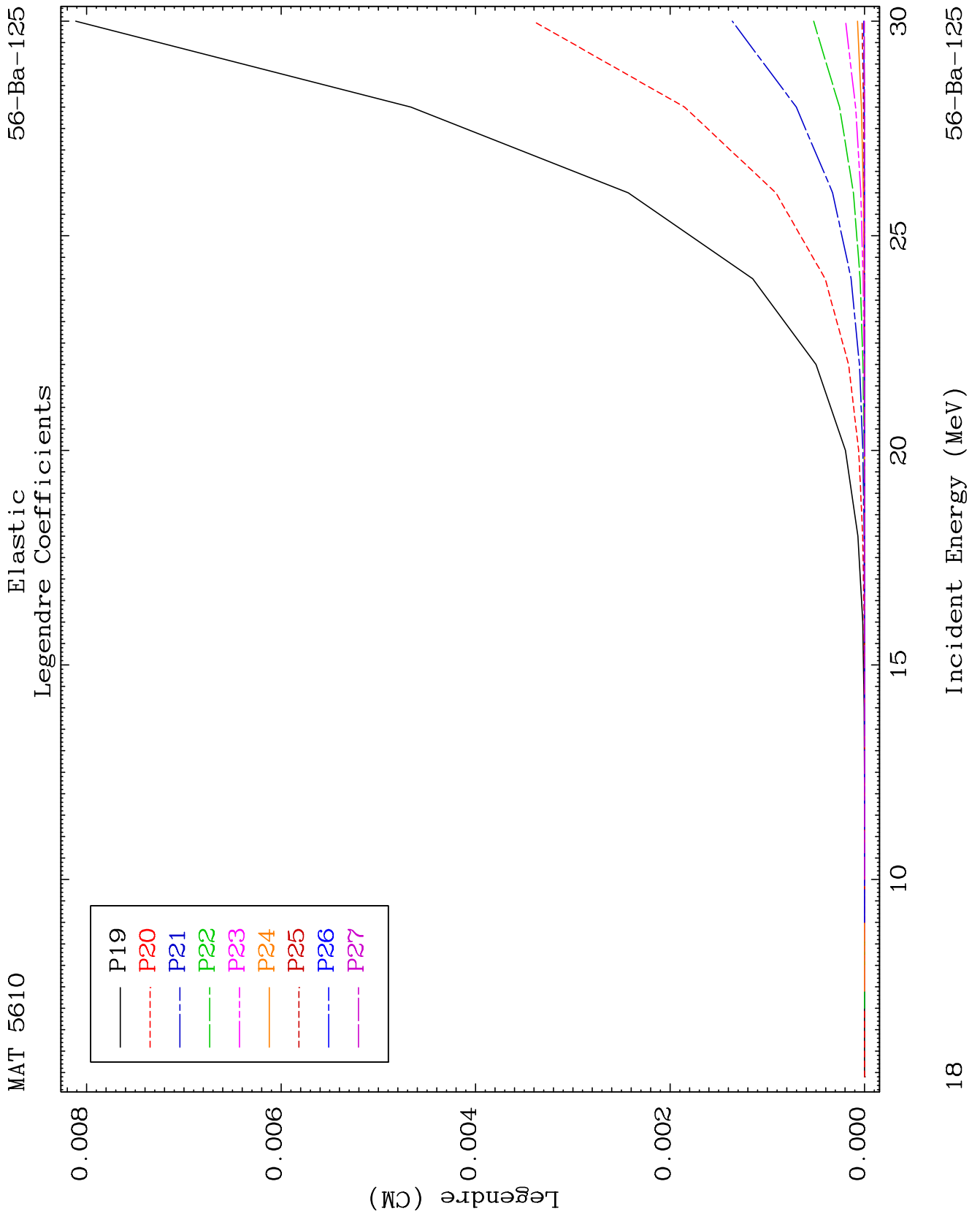
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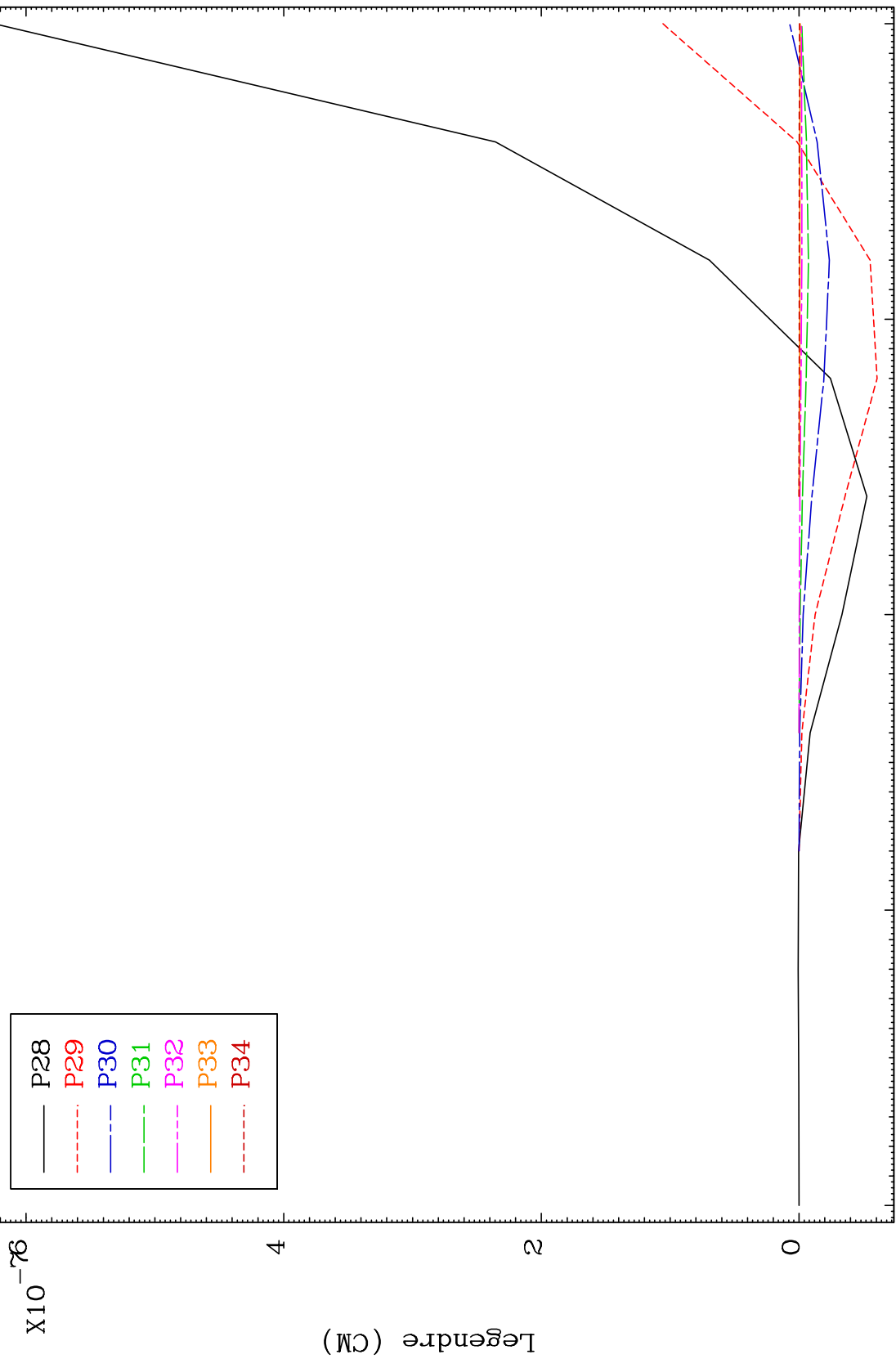
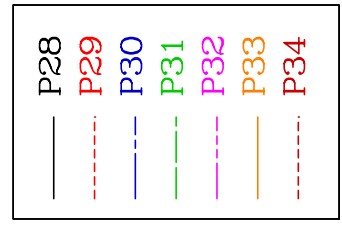




MAT 5610

Elastic Legendre Coefficients

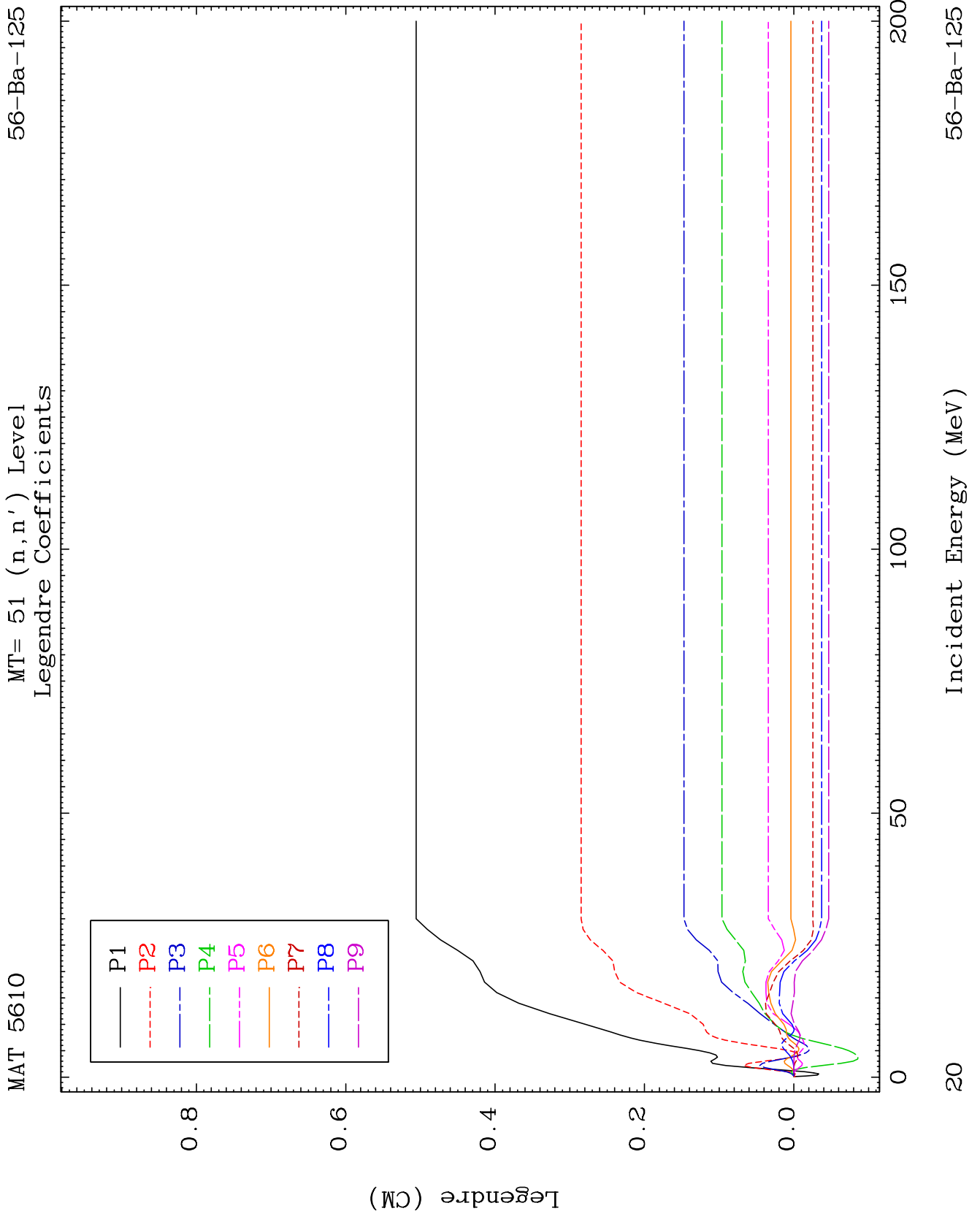
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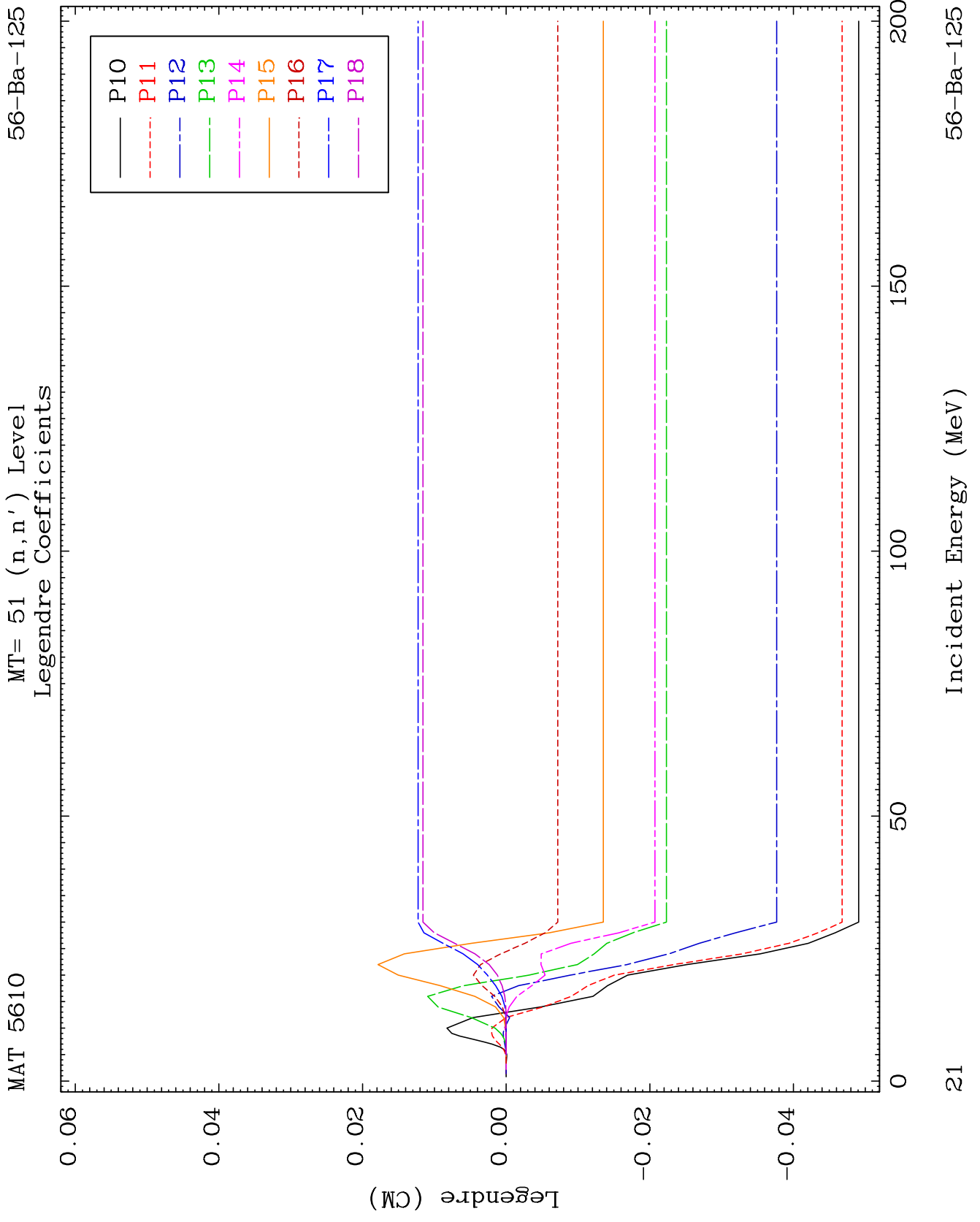


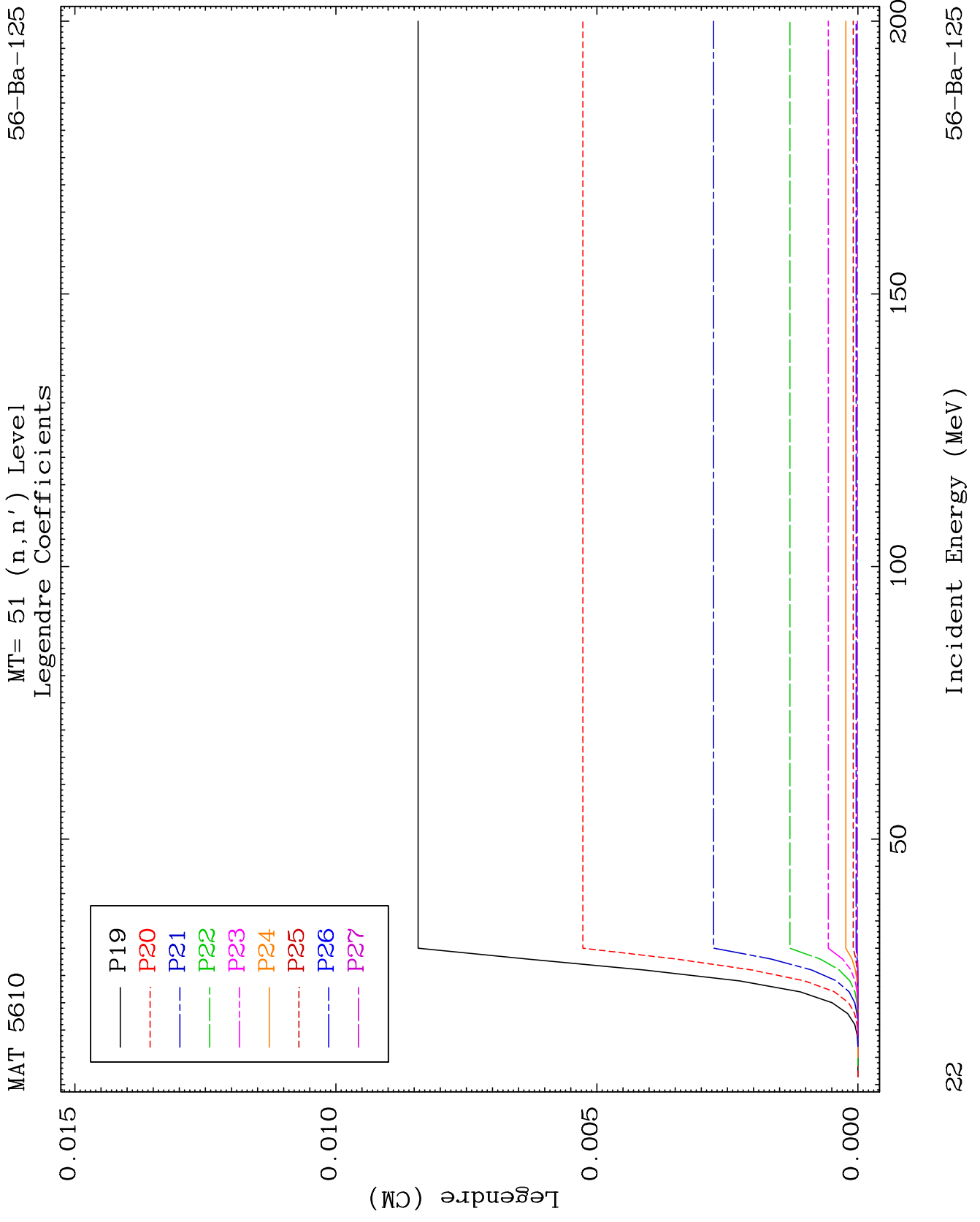
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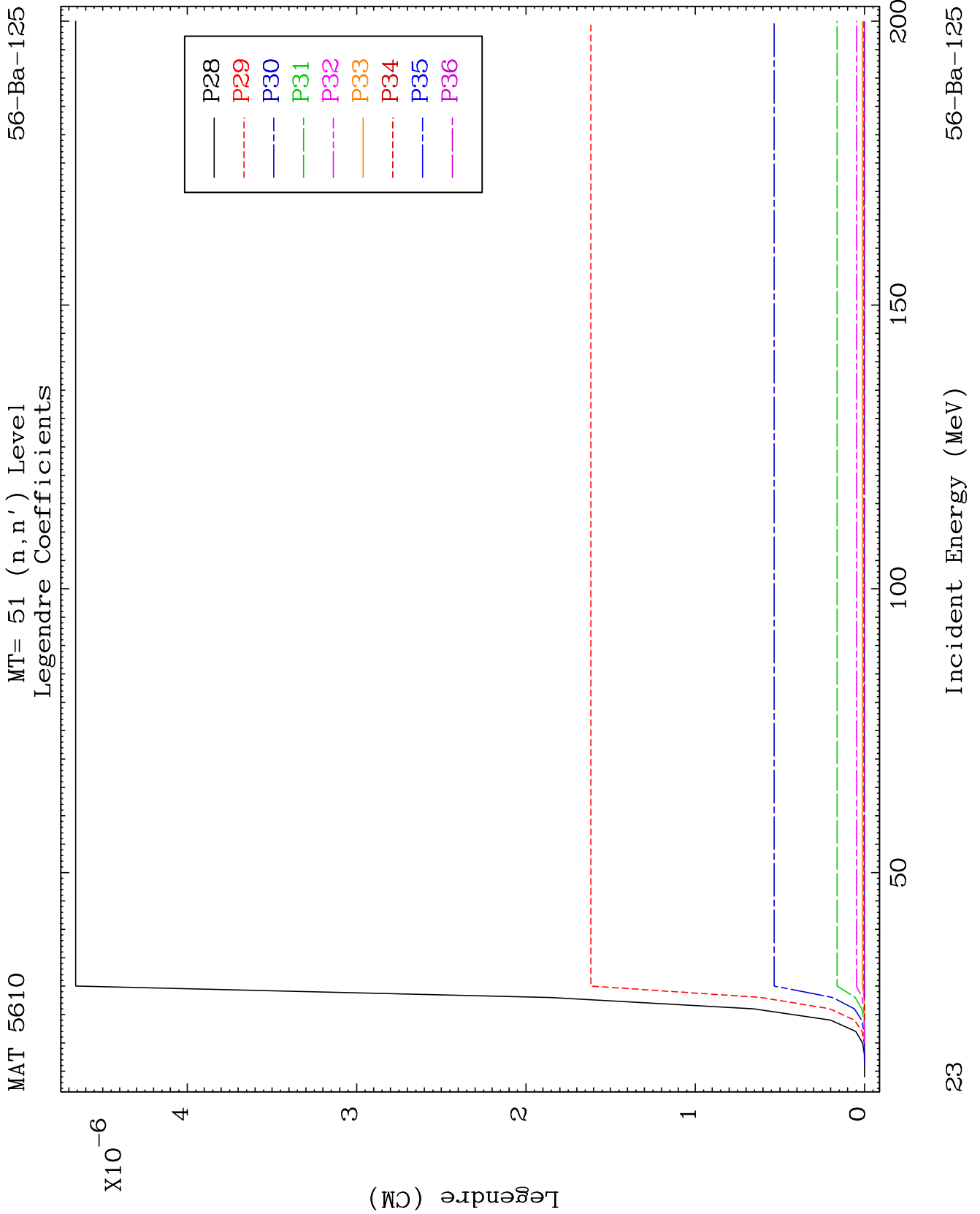
Incident Energy (MeV)

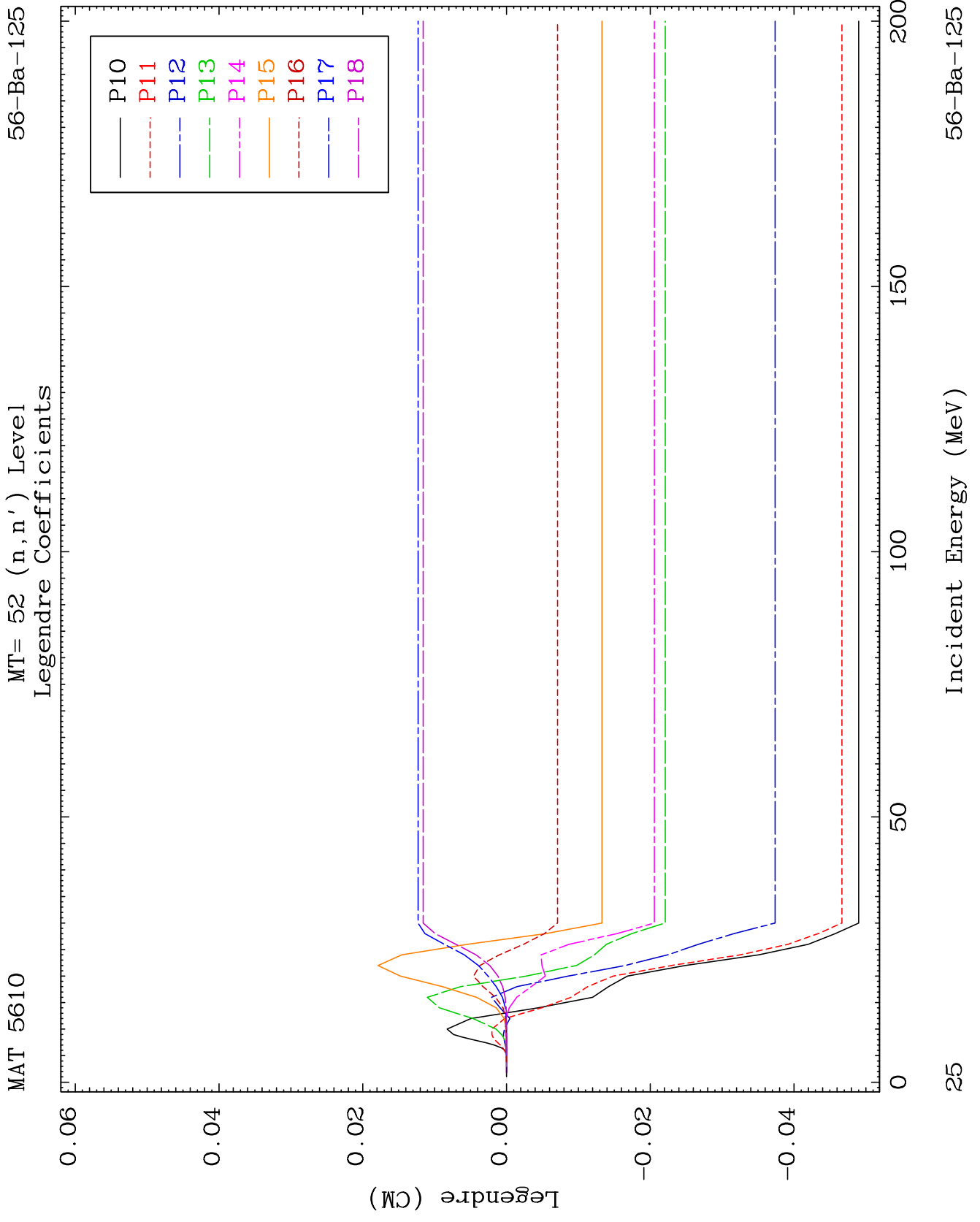
56-Ba-125







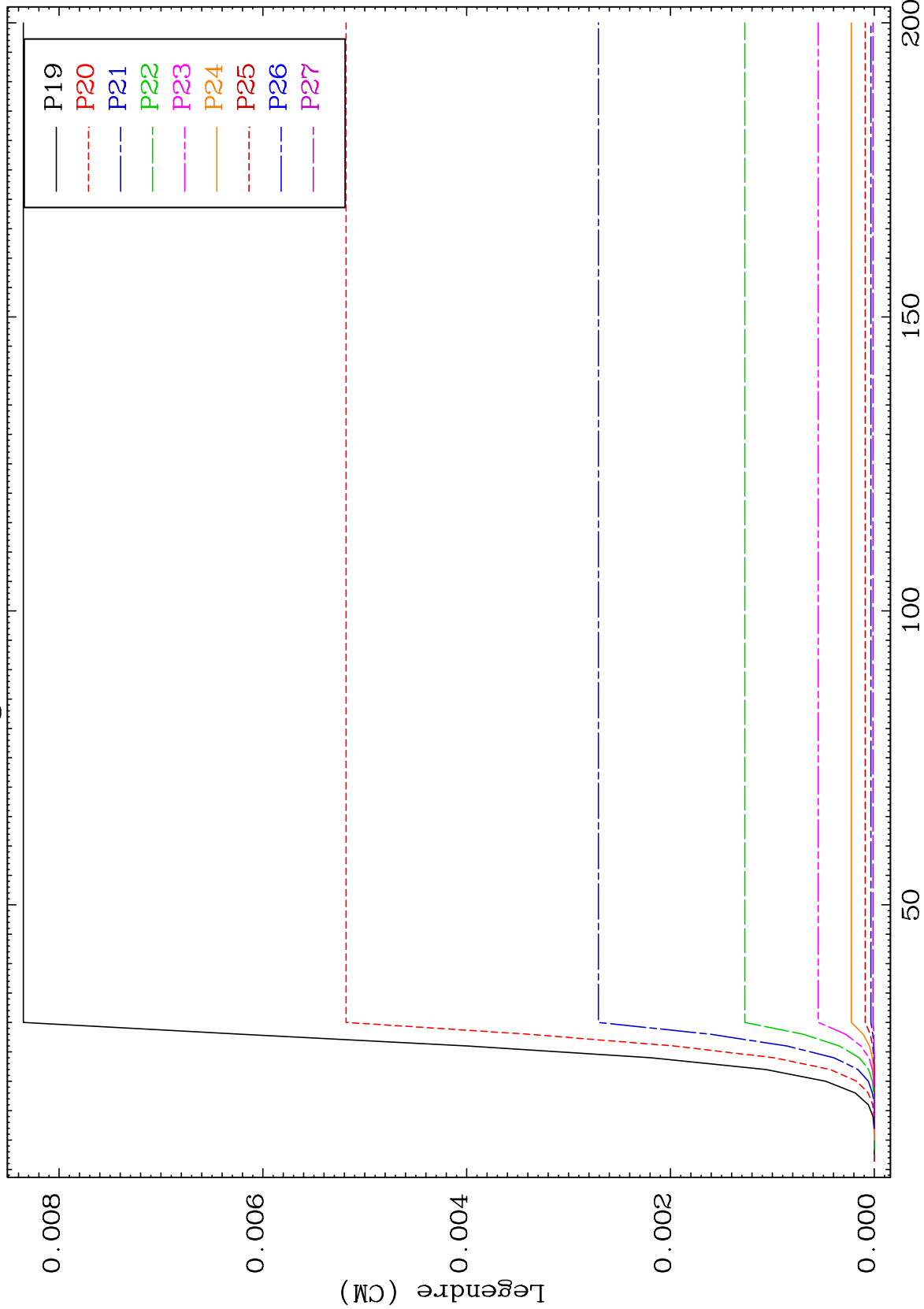




MAT 5610

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

56-Ba-125



26

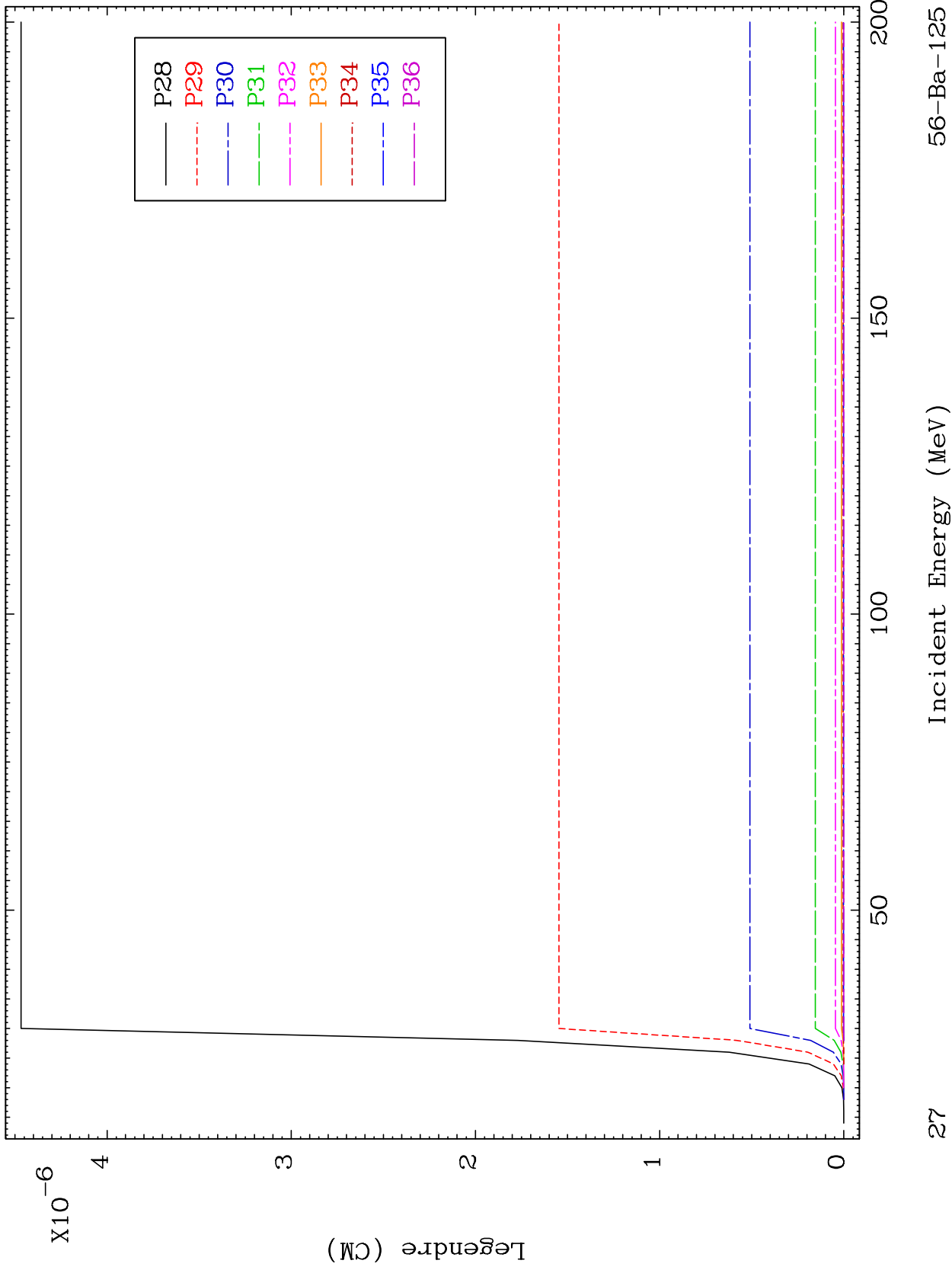
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

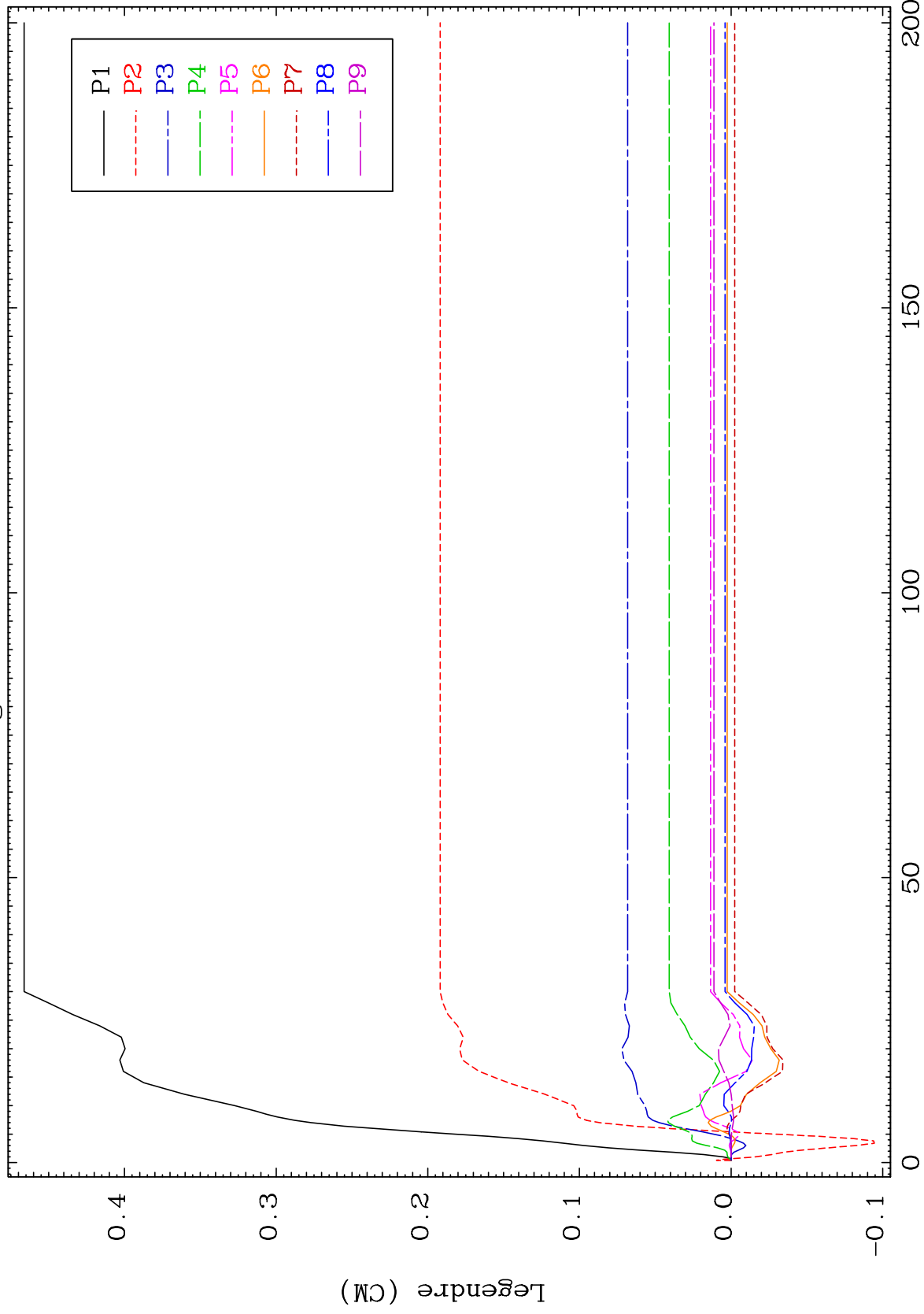
56-Ba-125



MAT 5610

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

56-Ba-125



28

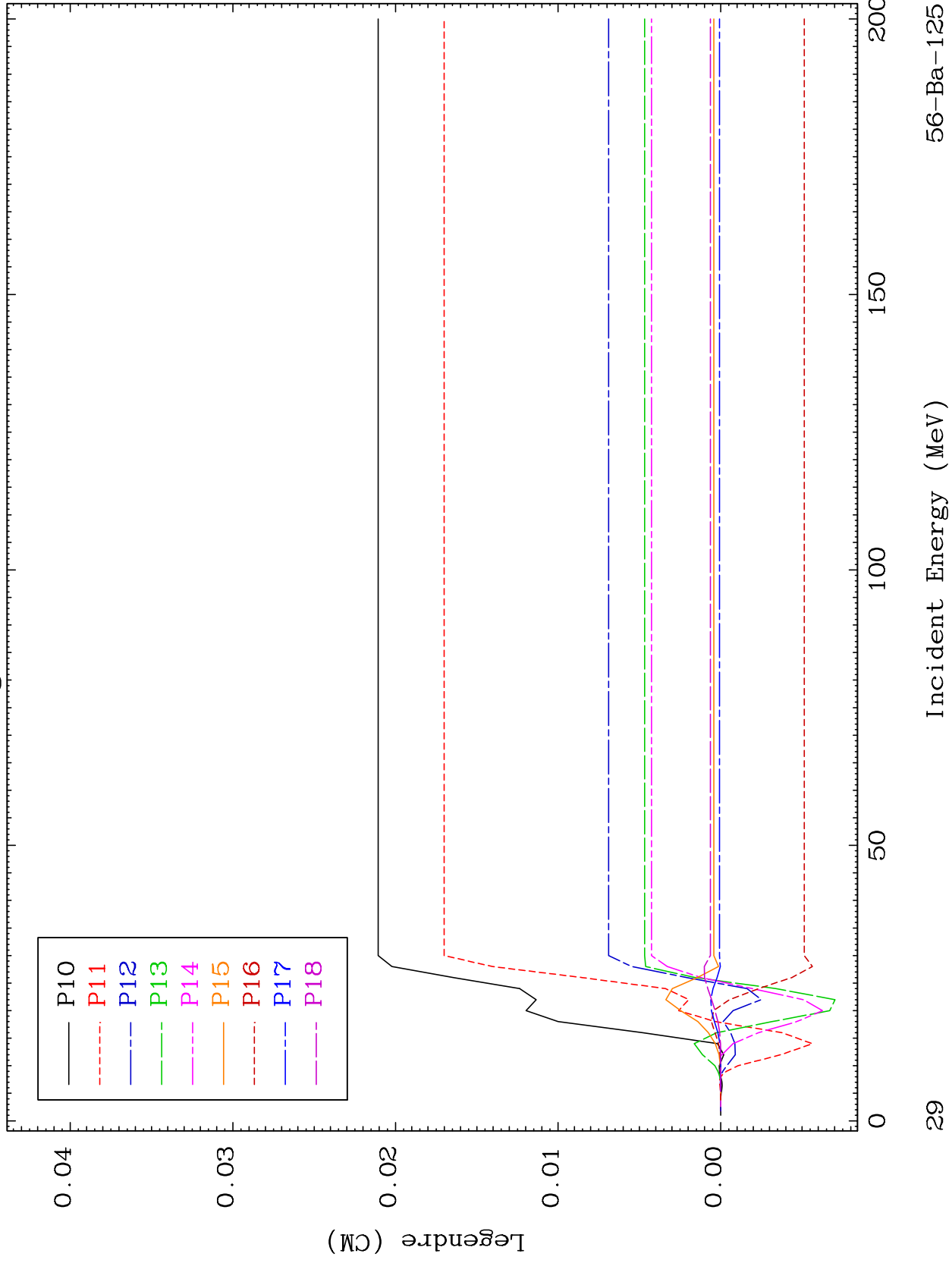
Incident Energy (MeV)

56-Ba-125

MAT 5610

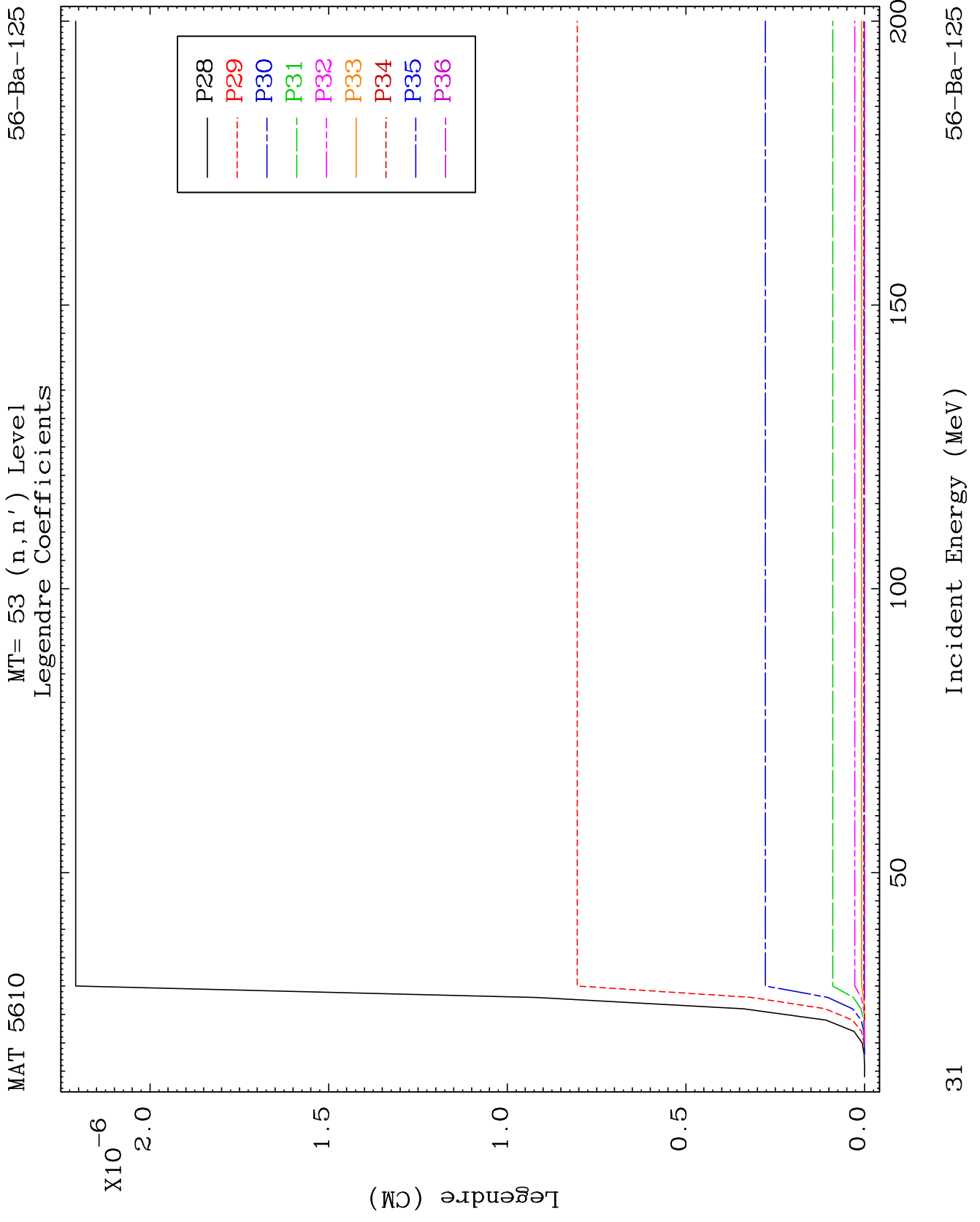
MT= 53 (n,n') Level
Legendre Coefficients

56-Ba-125



29

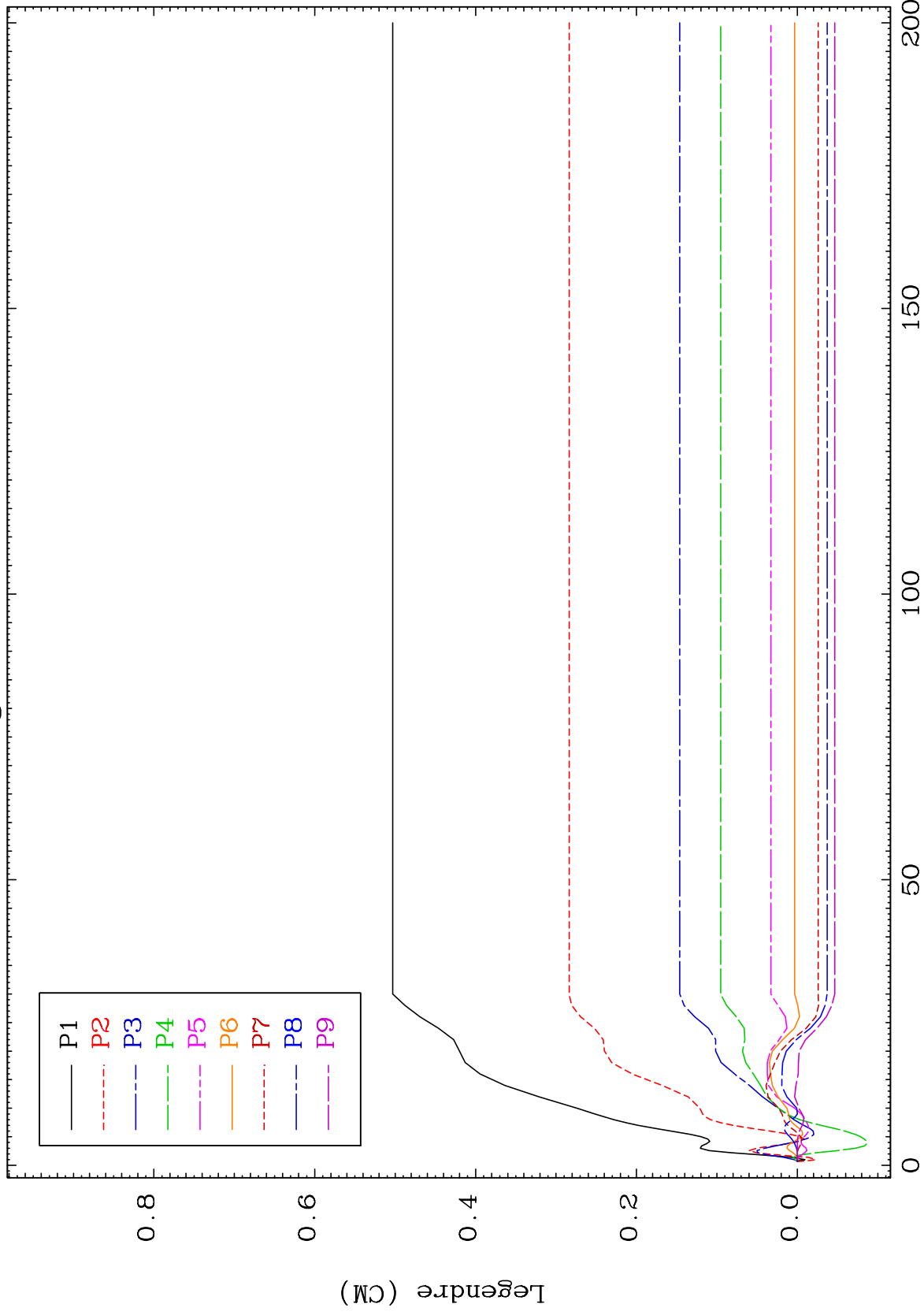
56-Ba-125



MAT 5610

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

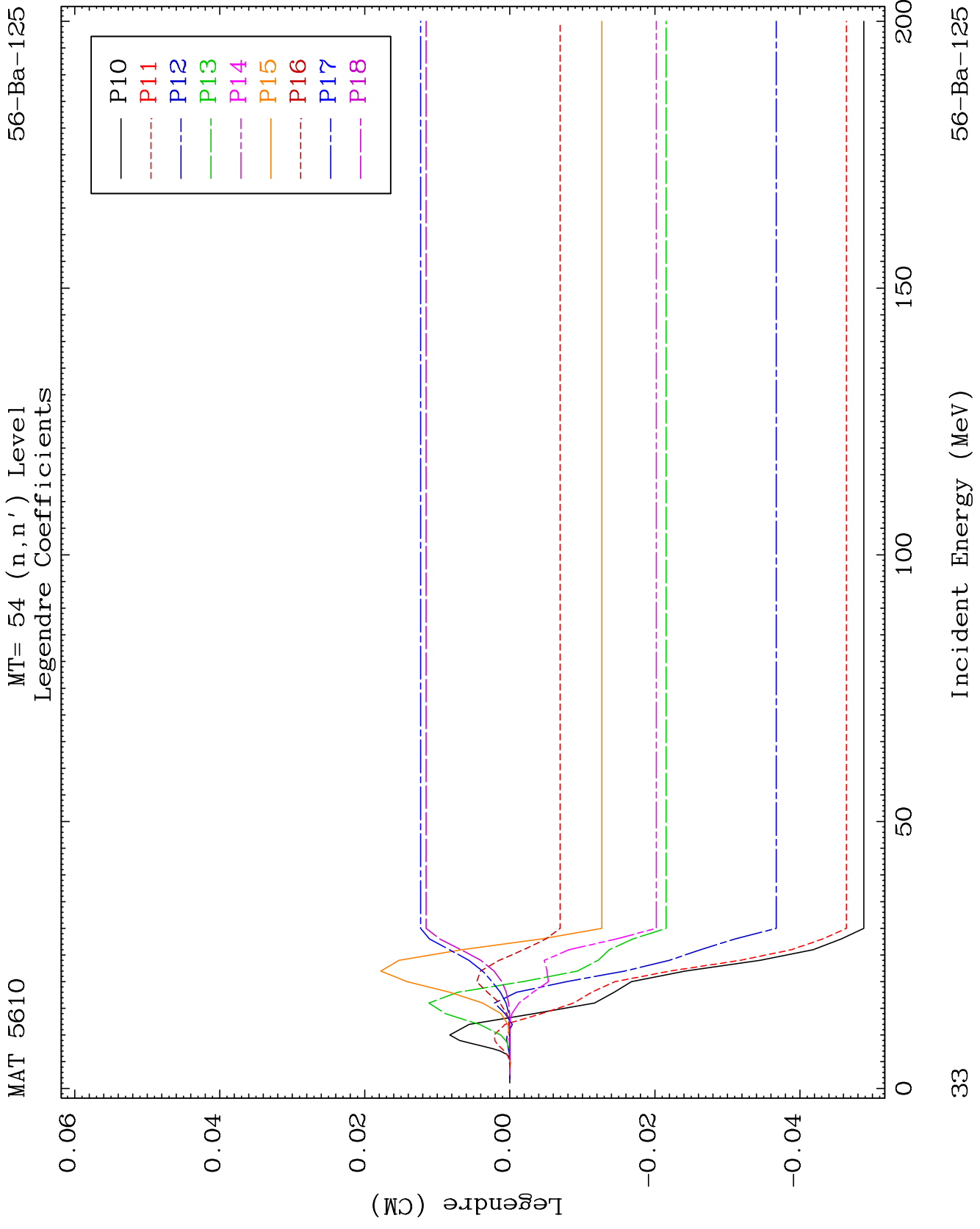
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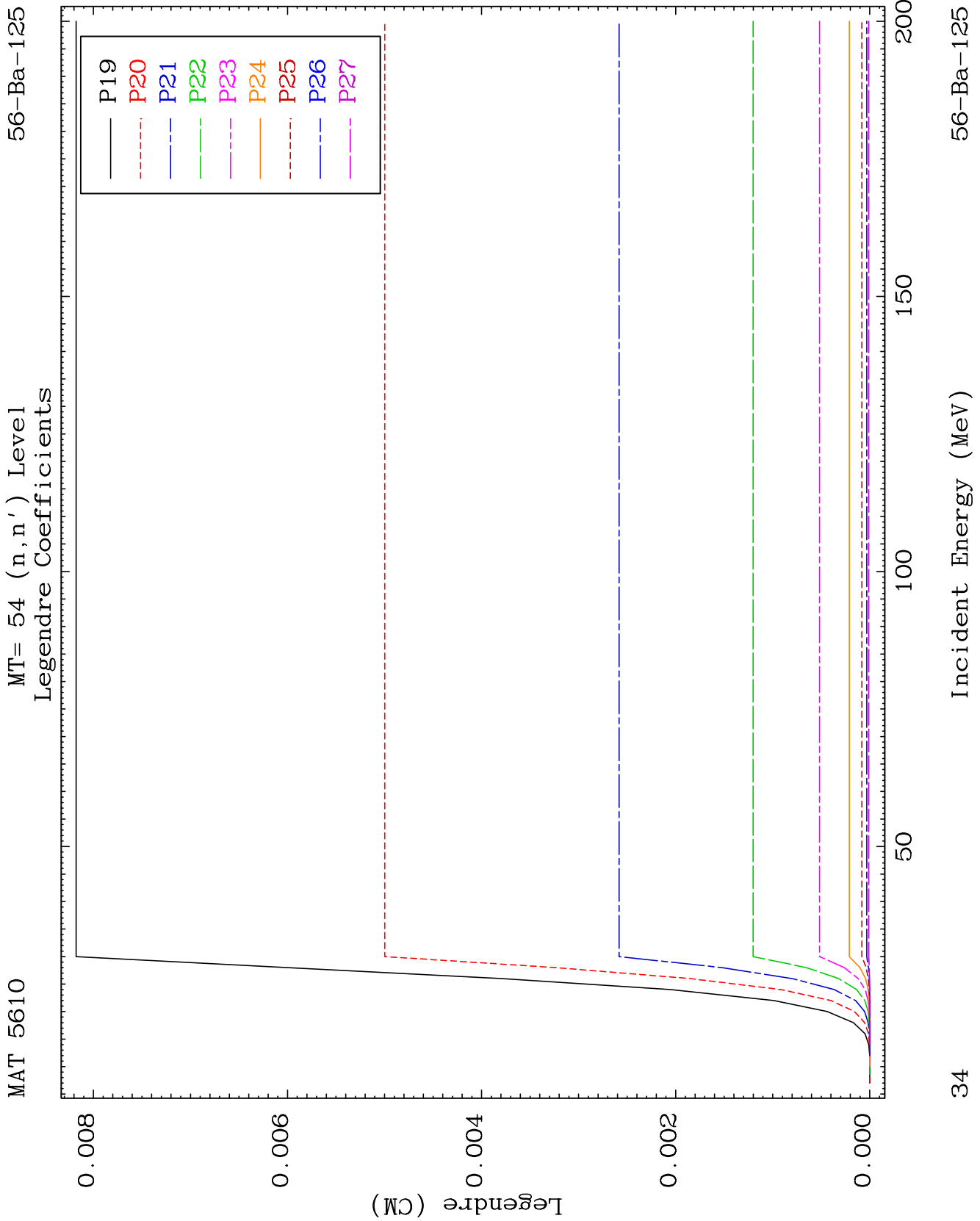


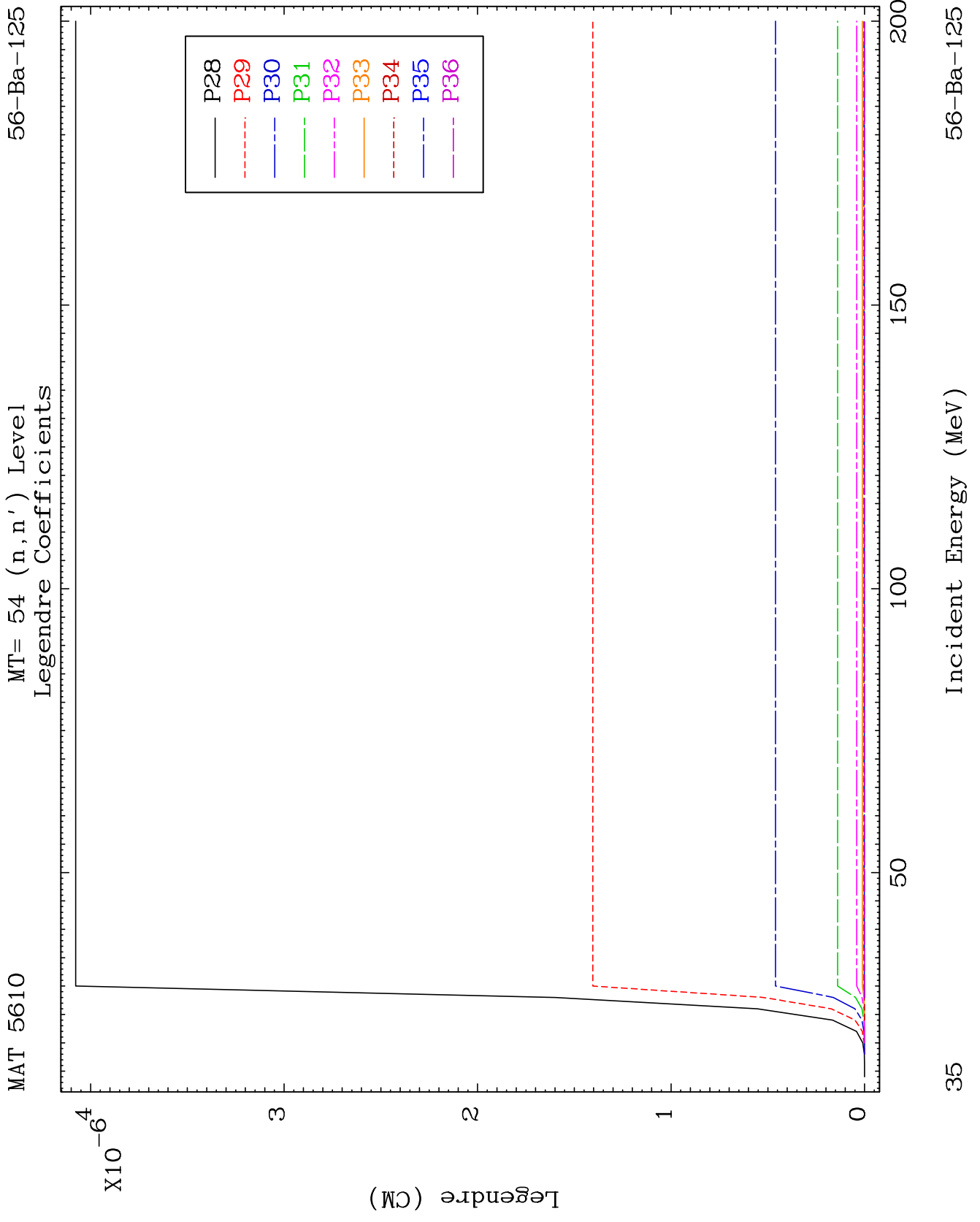
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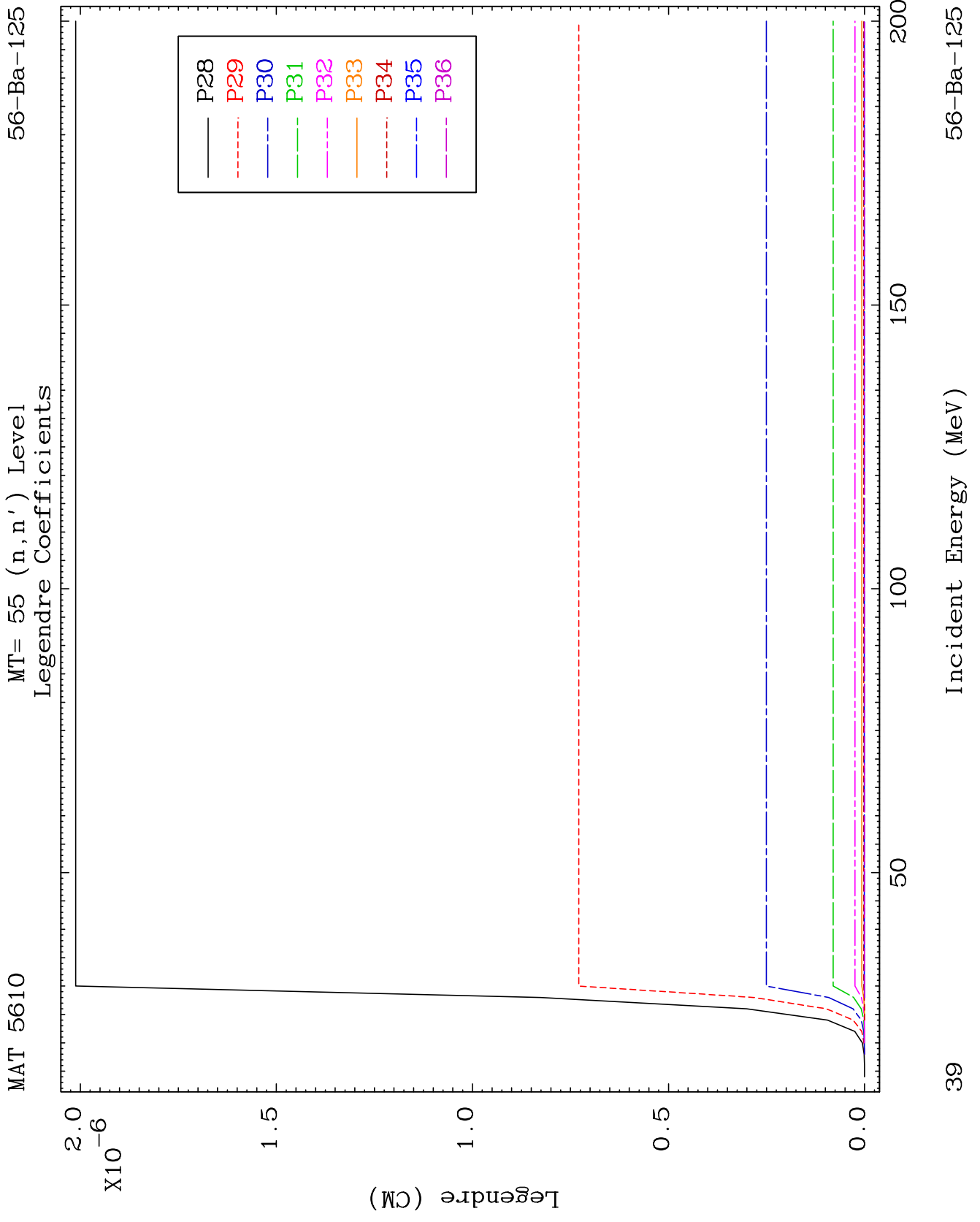
Incident Energy (MeV)

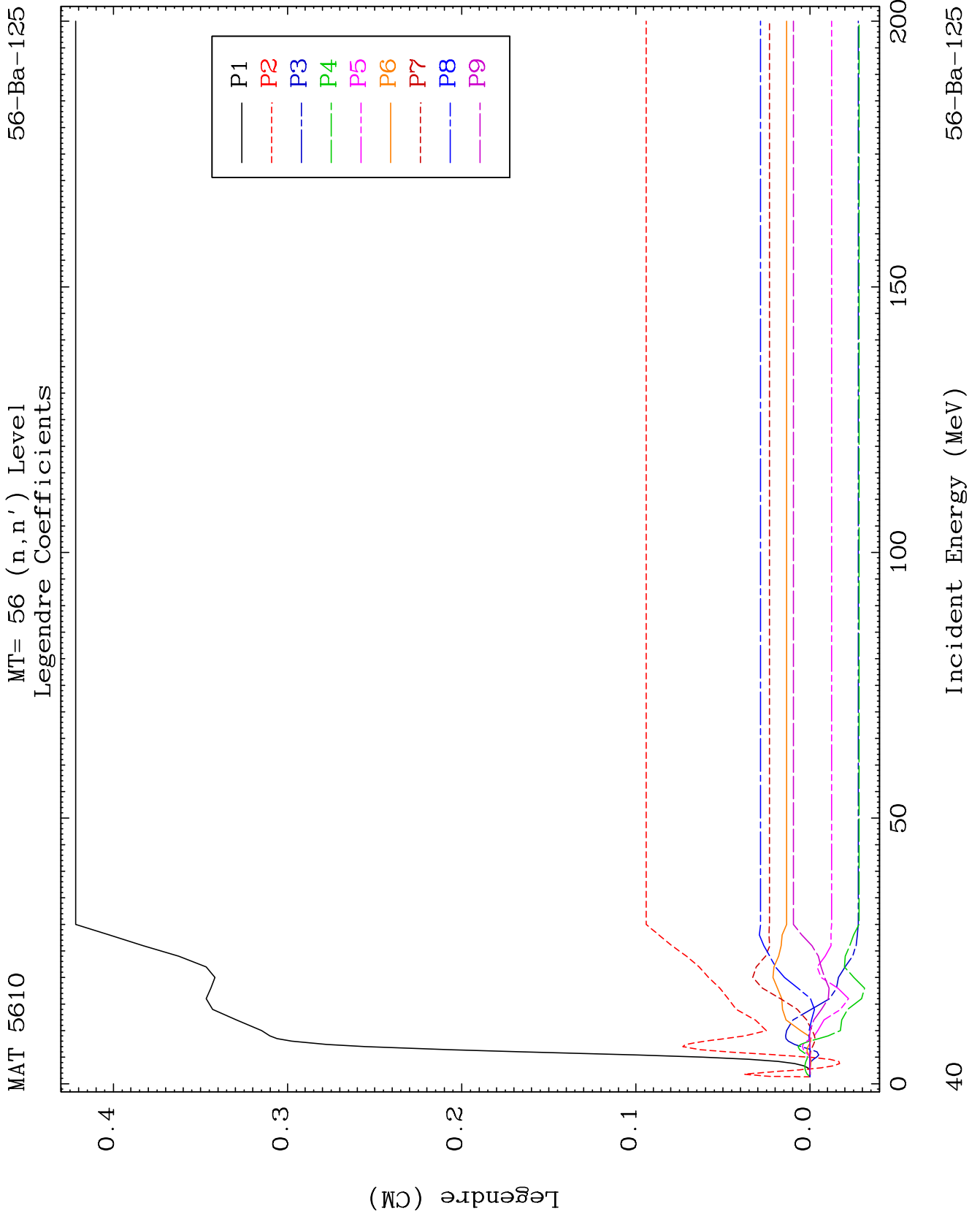
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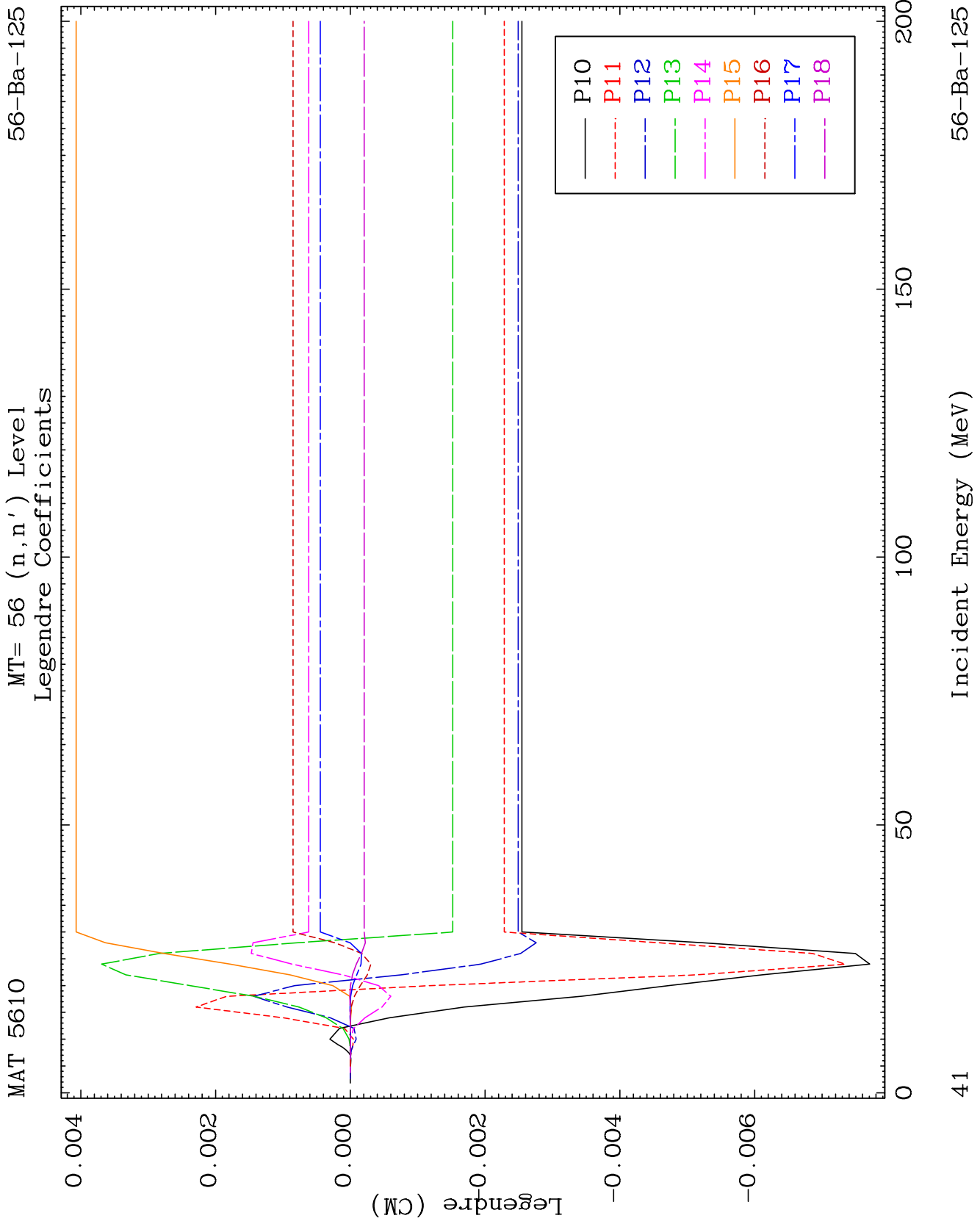


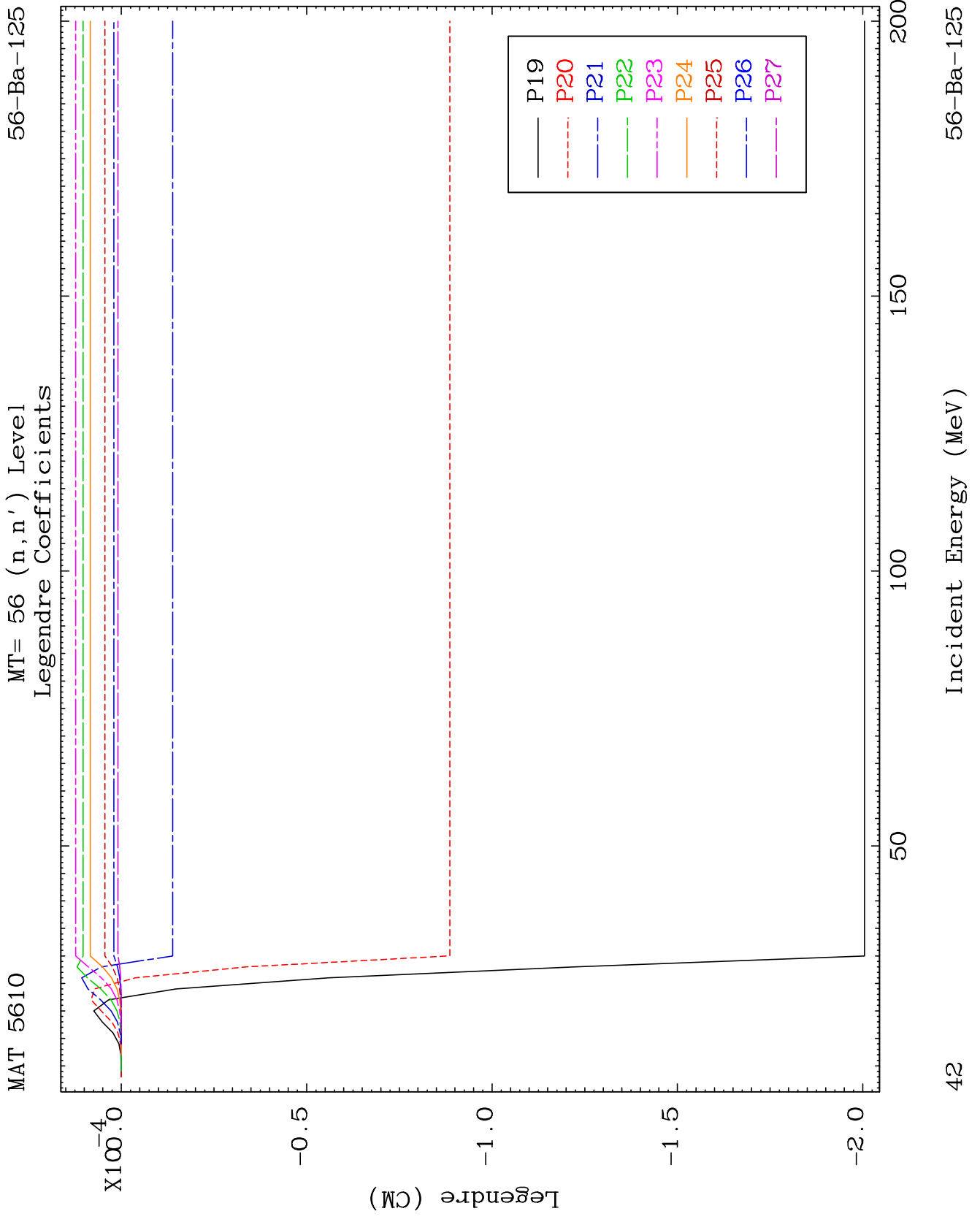








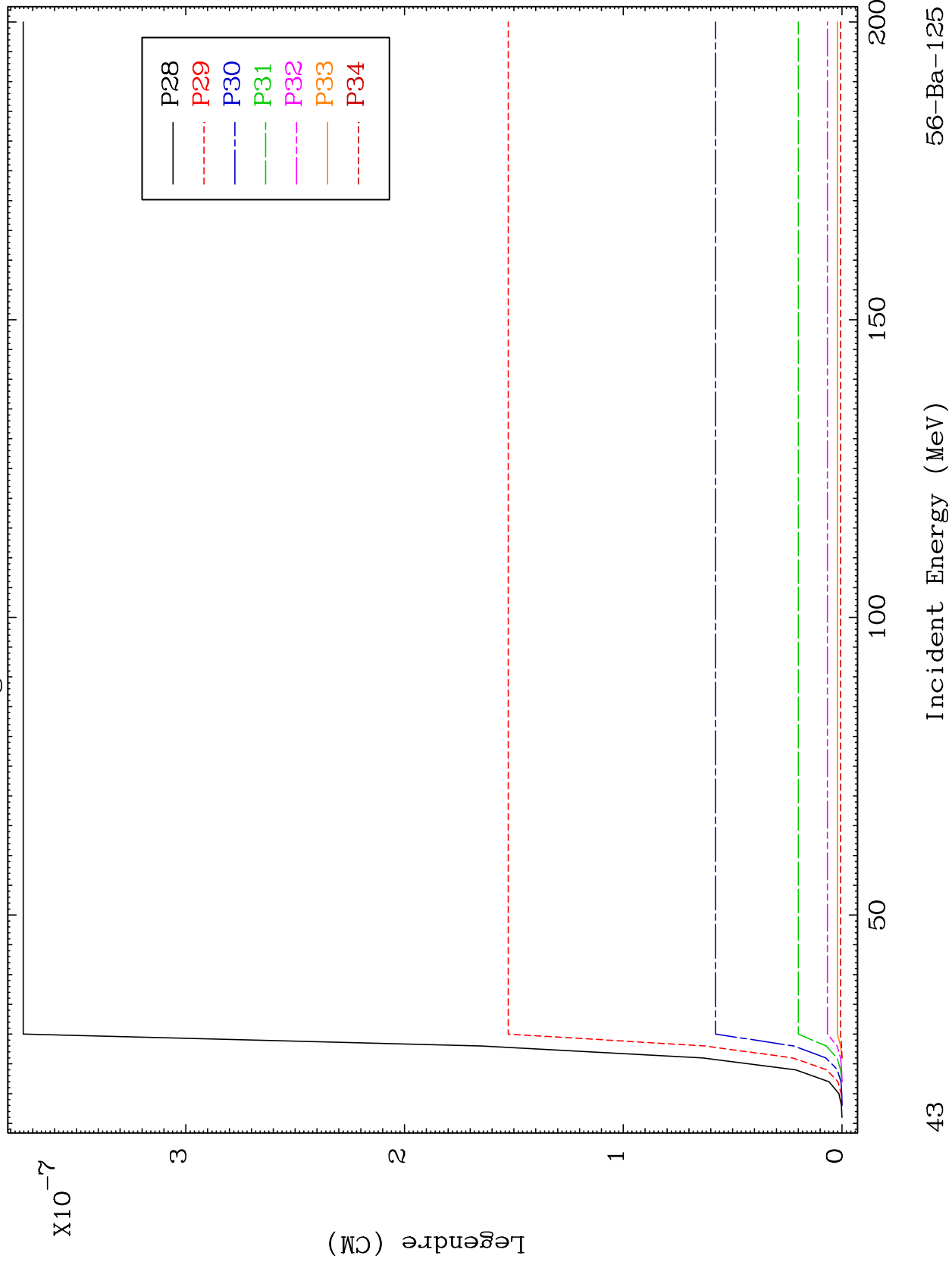


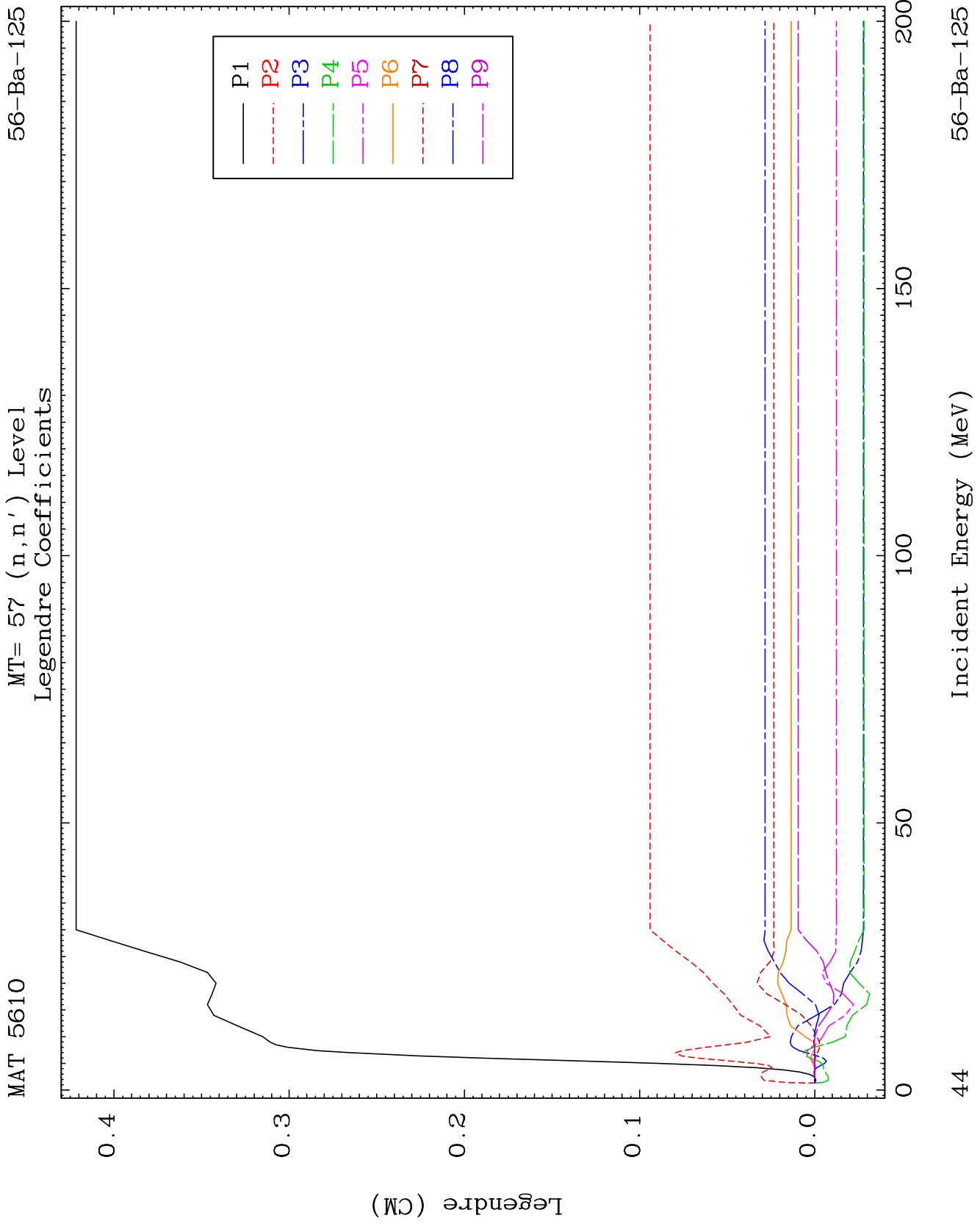


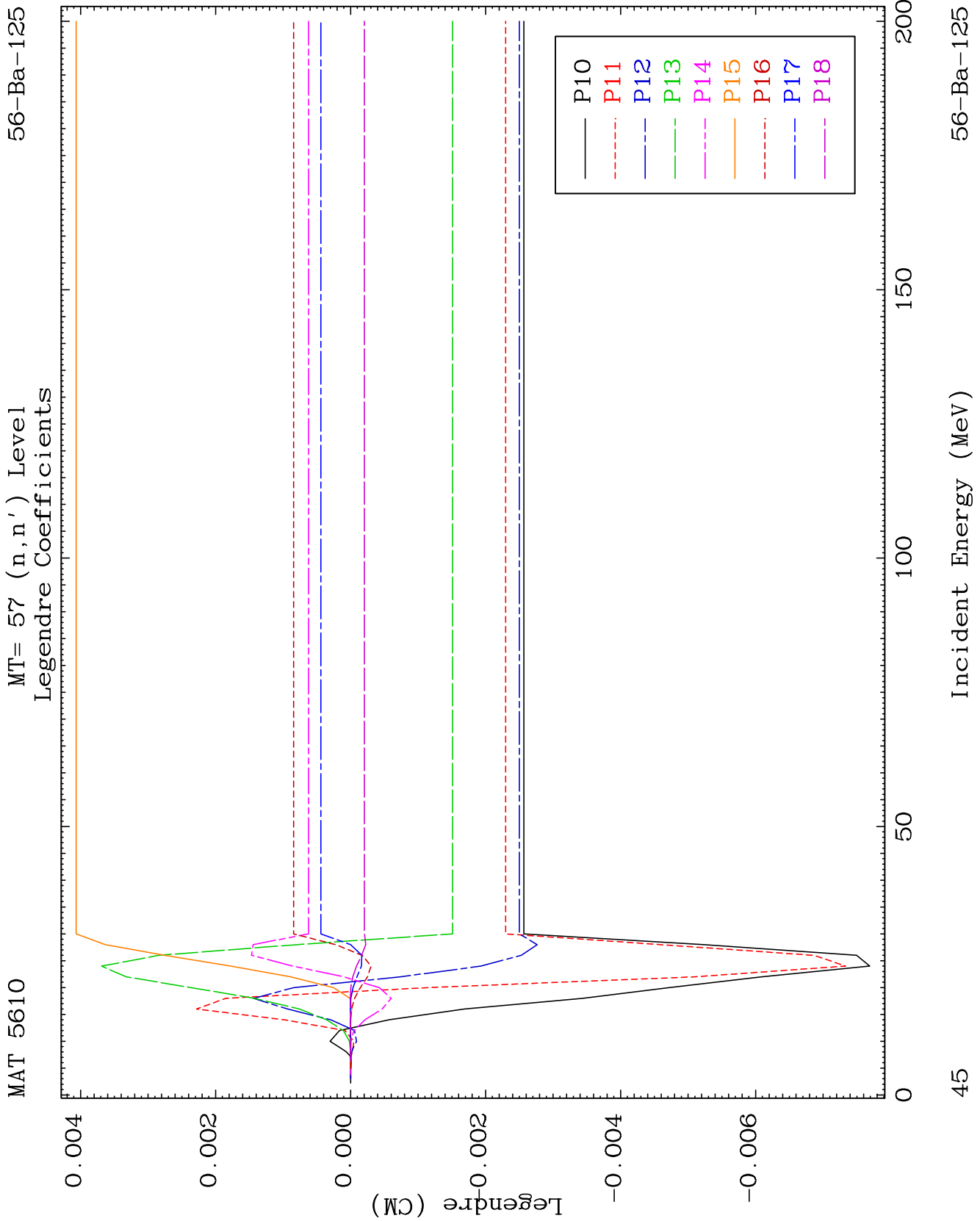
MAT 5610

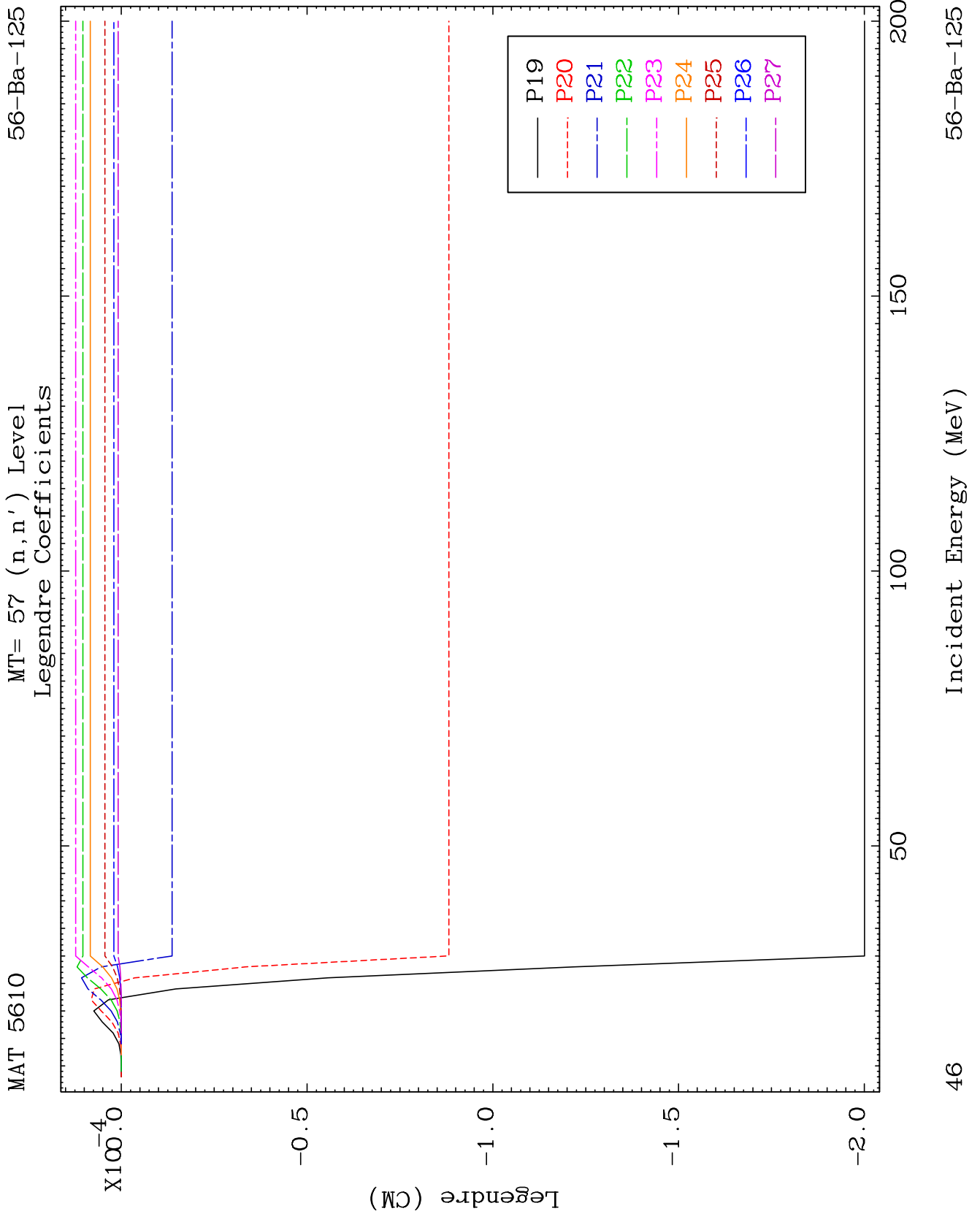
MT= 56 (n,n') Level
Legendre Coefficients

56-Ba-125





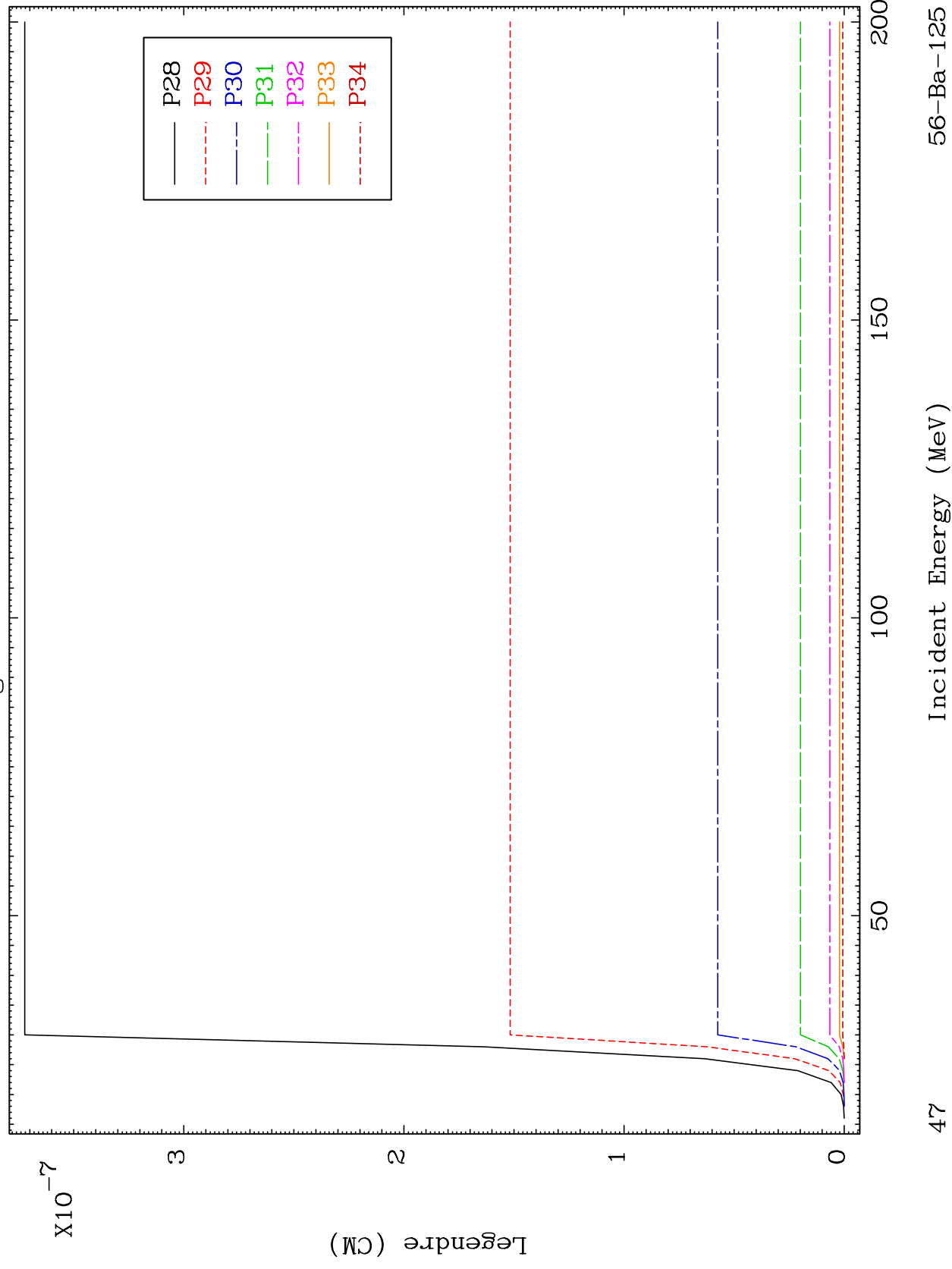




MAT 5610

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

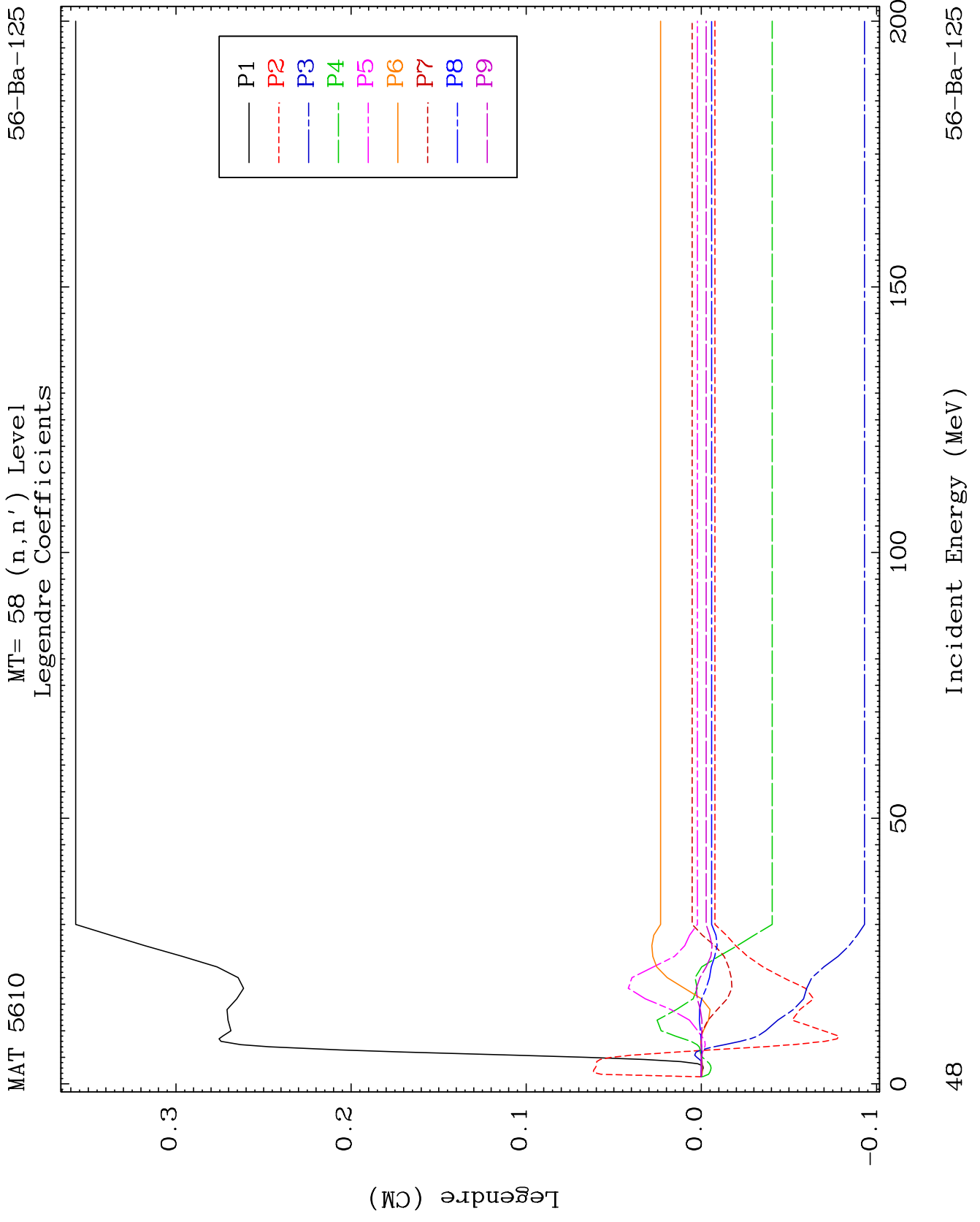
56-Ba-125



47

Incident Energy (MeV)

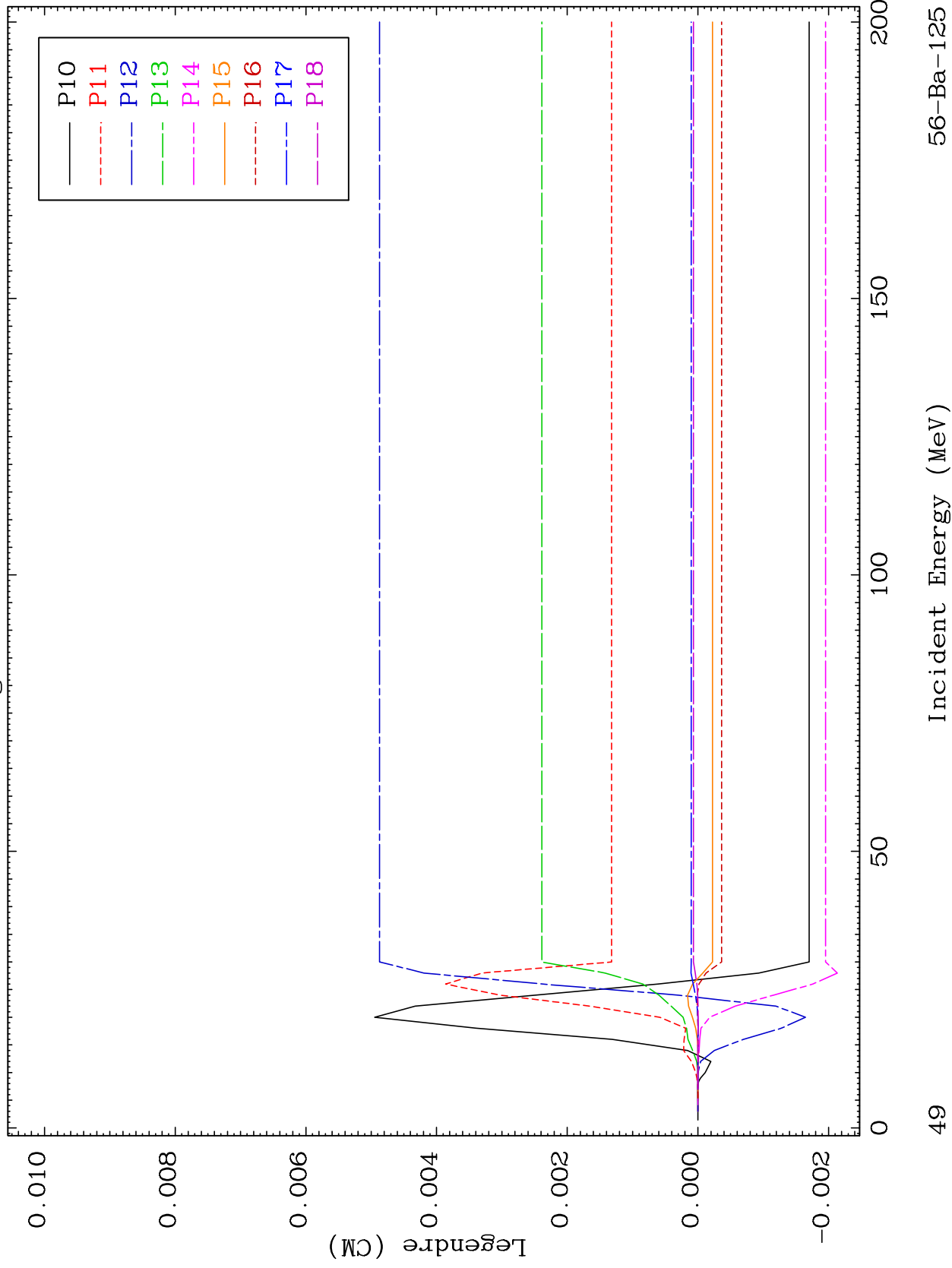
56-Ba-125



MAT 5610

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

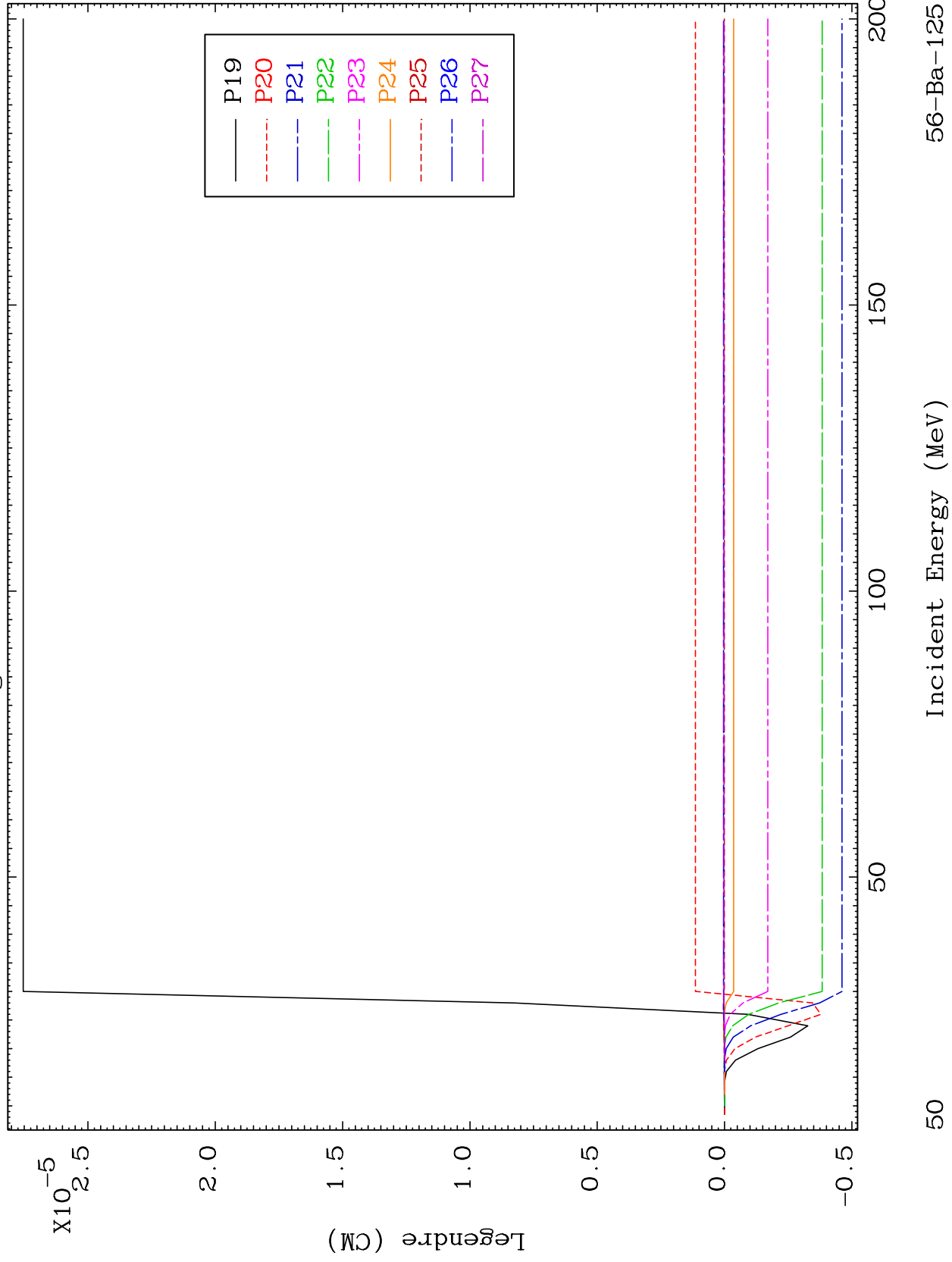
56-Ba-125



MAT 5610

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

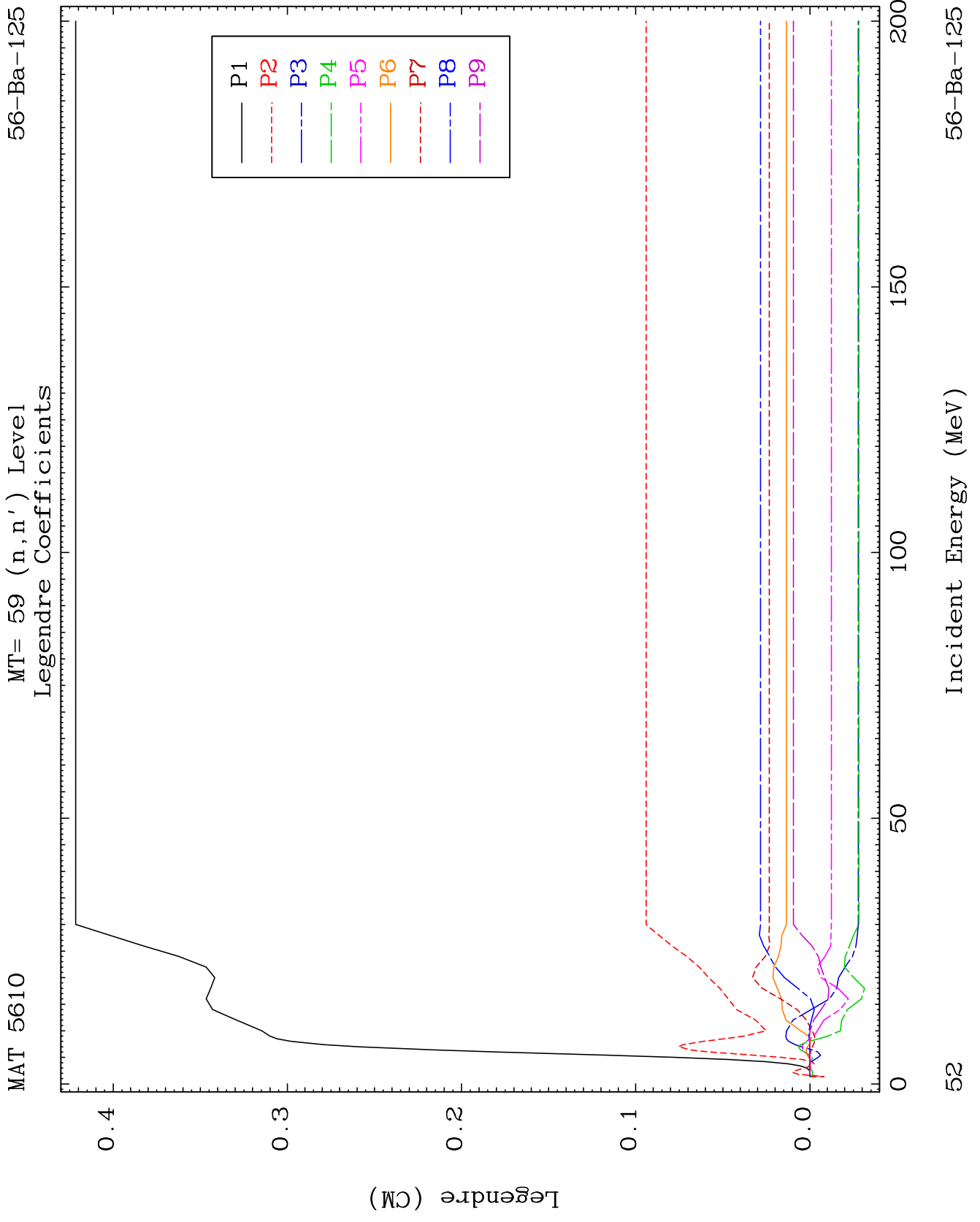
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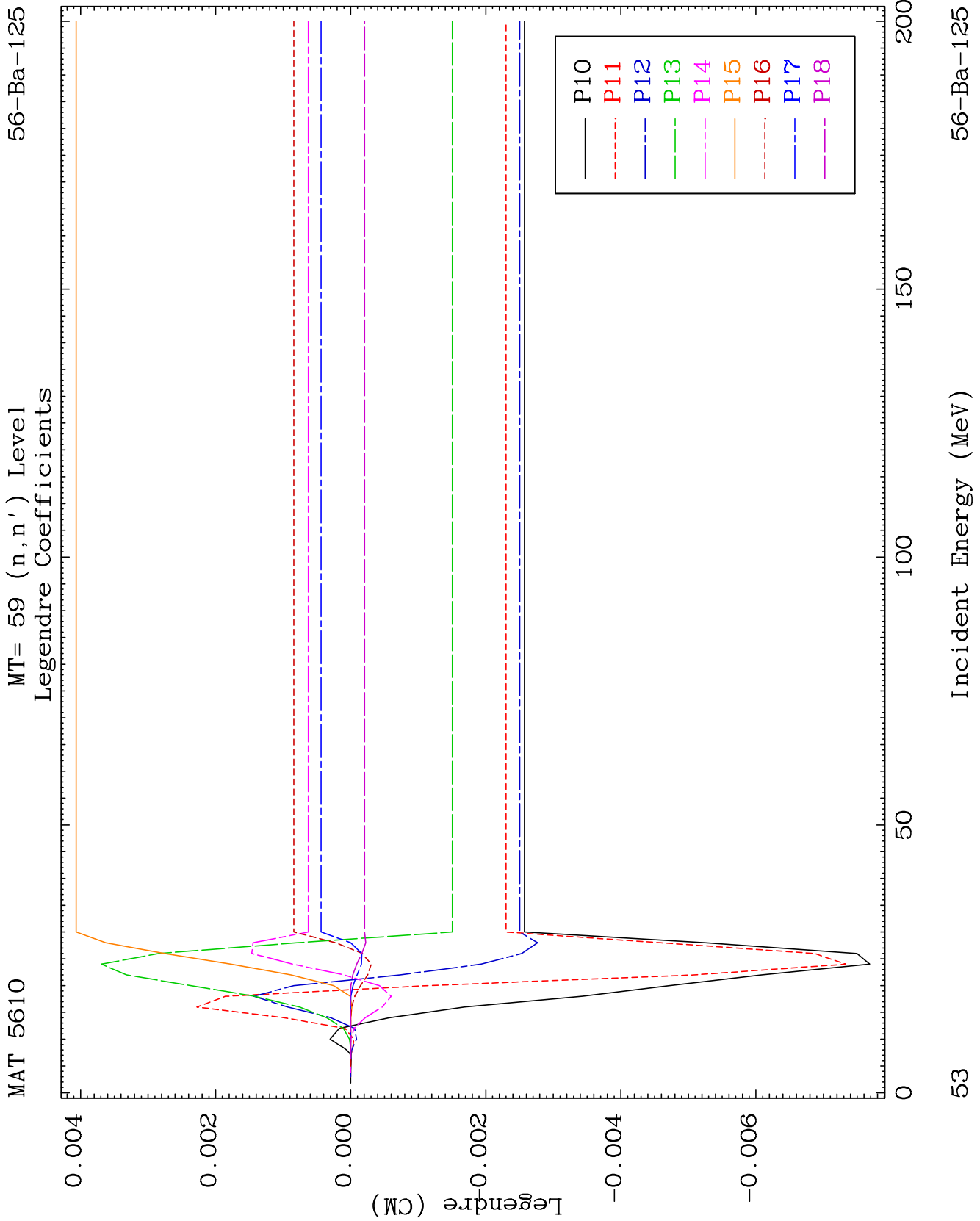


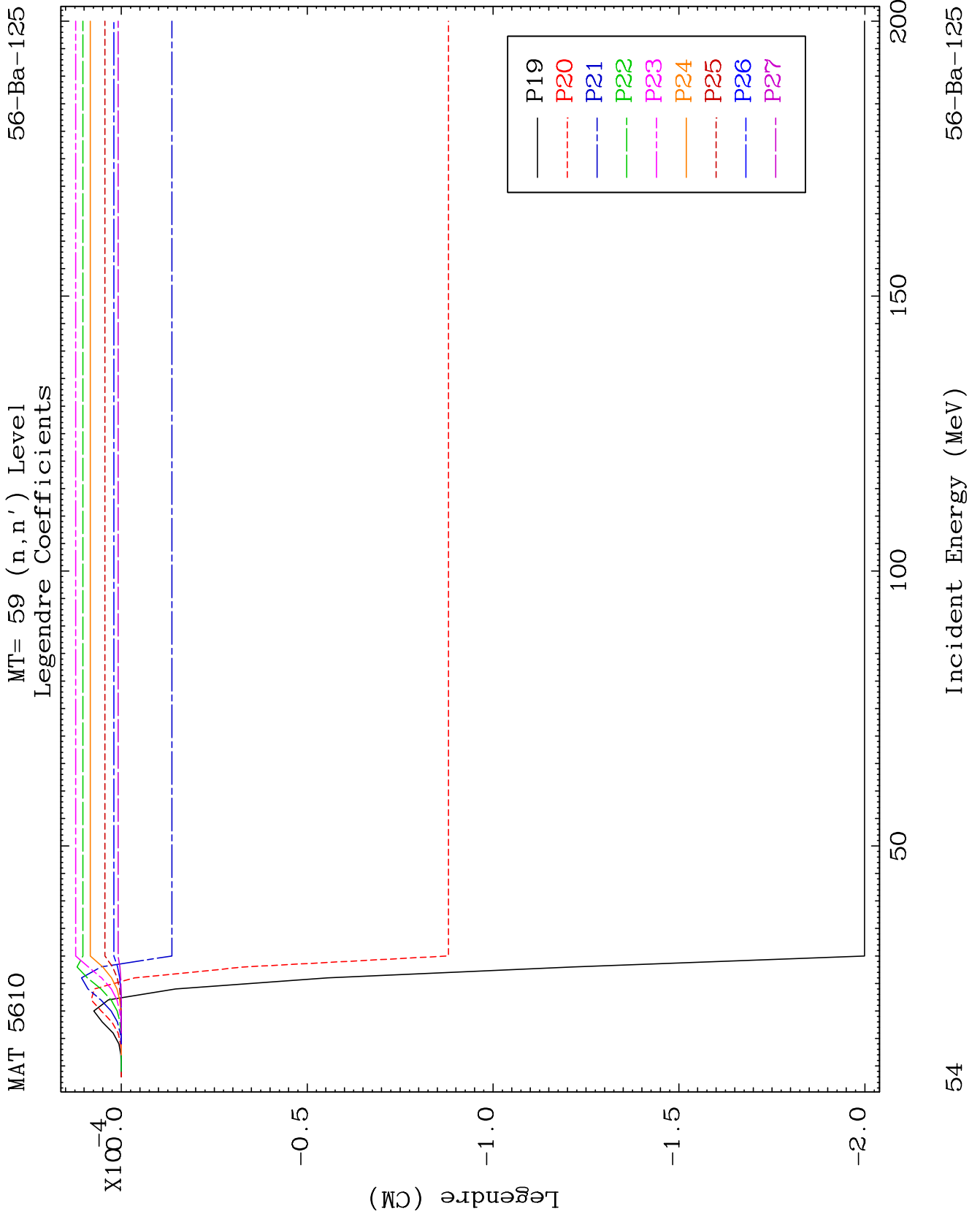
56-Ba-125

Incident Energy (MeV)

50



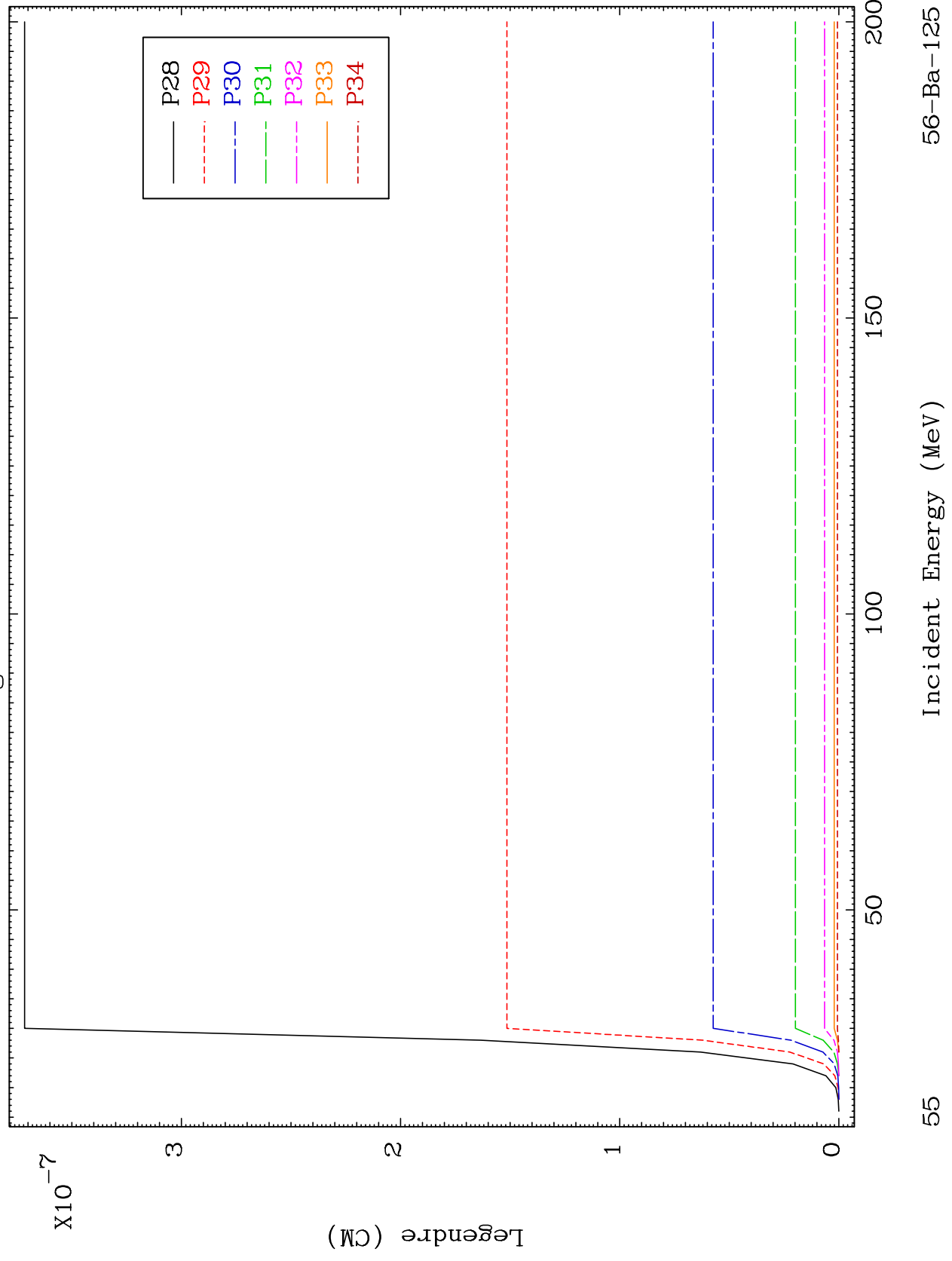




MAT 5610

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

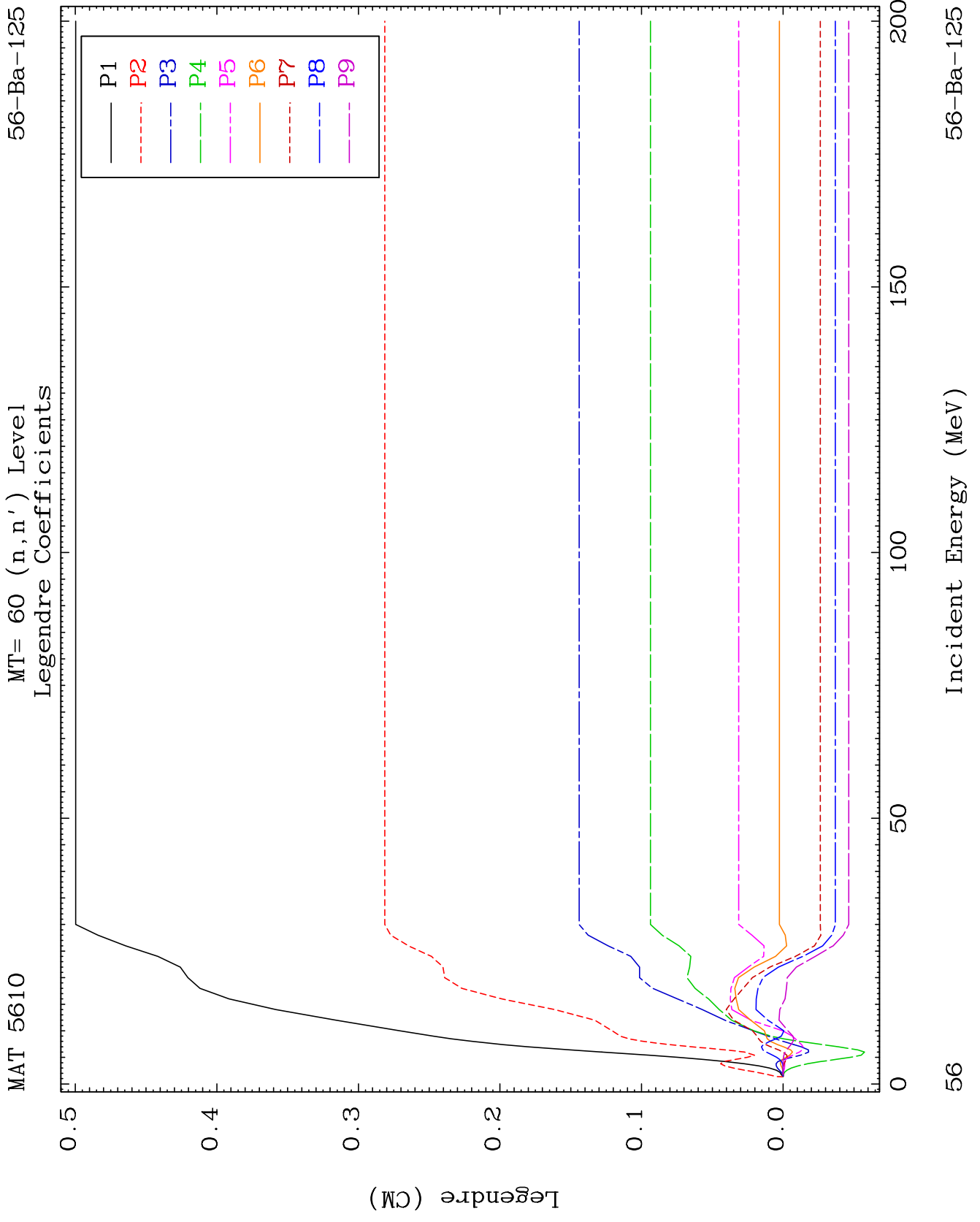
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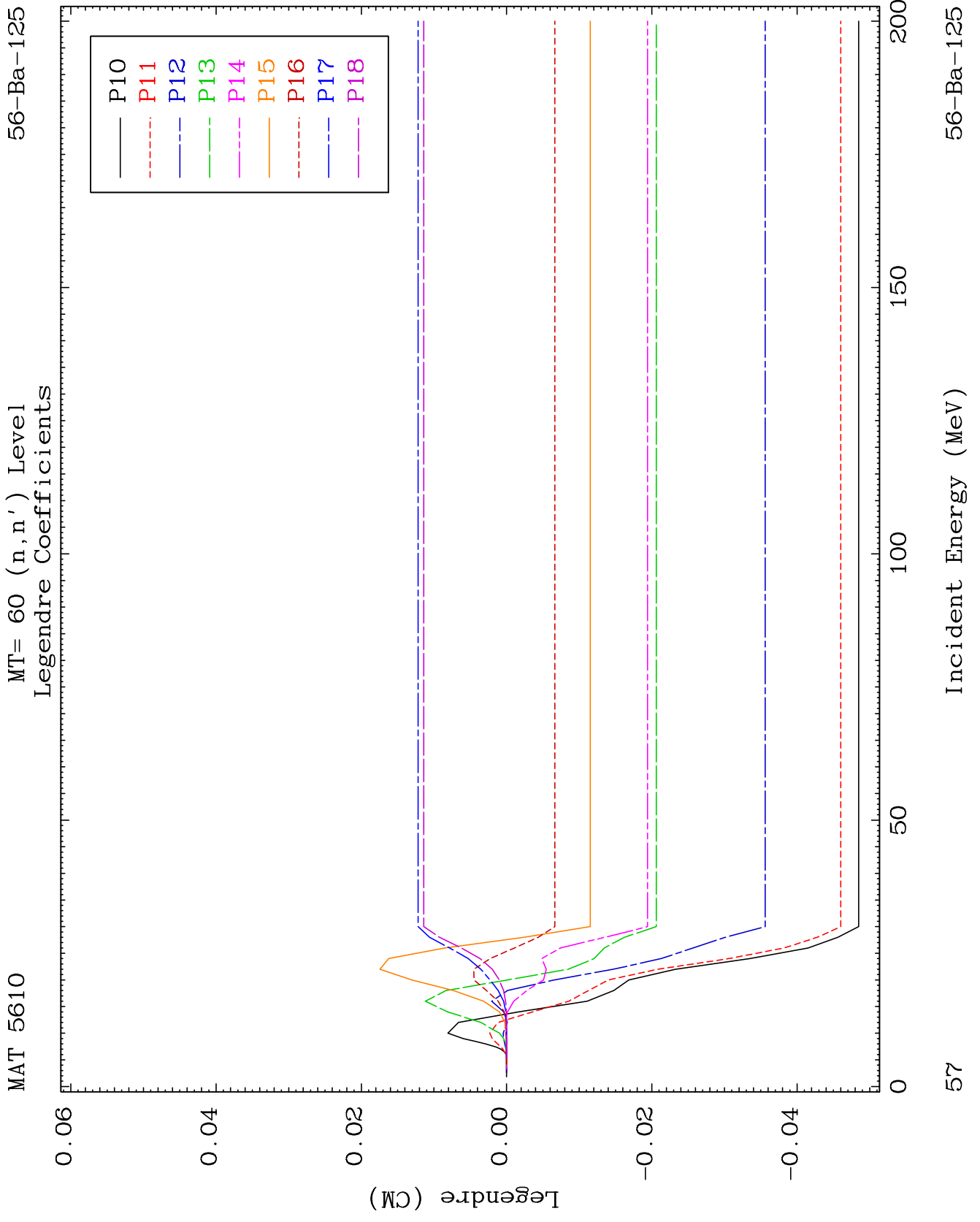


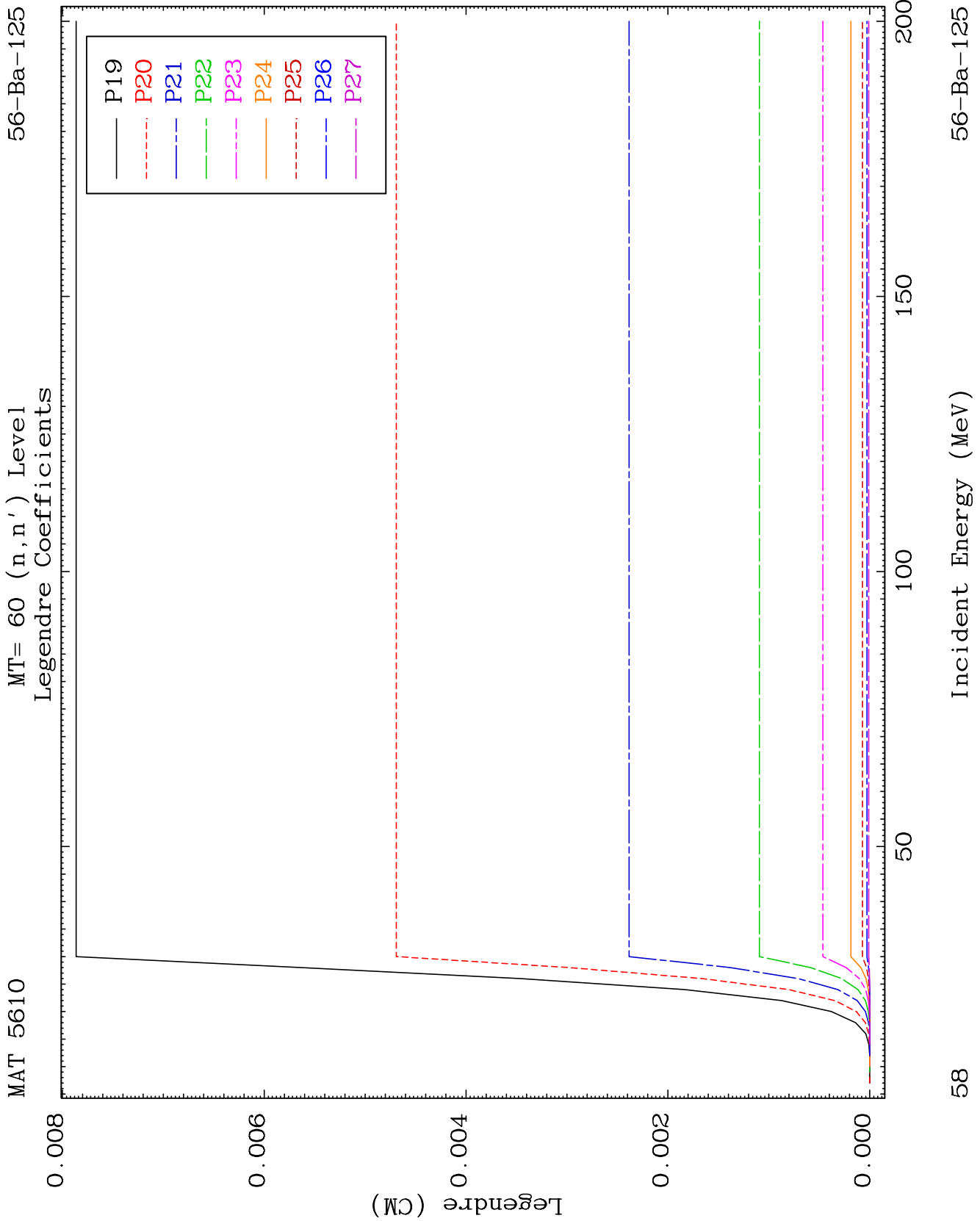
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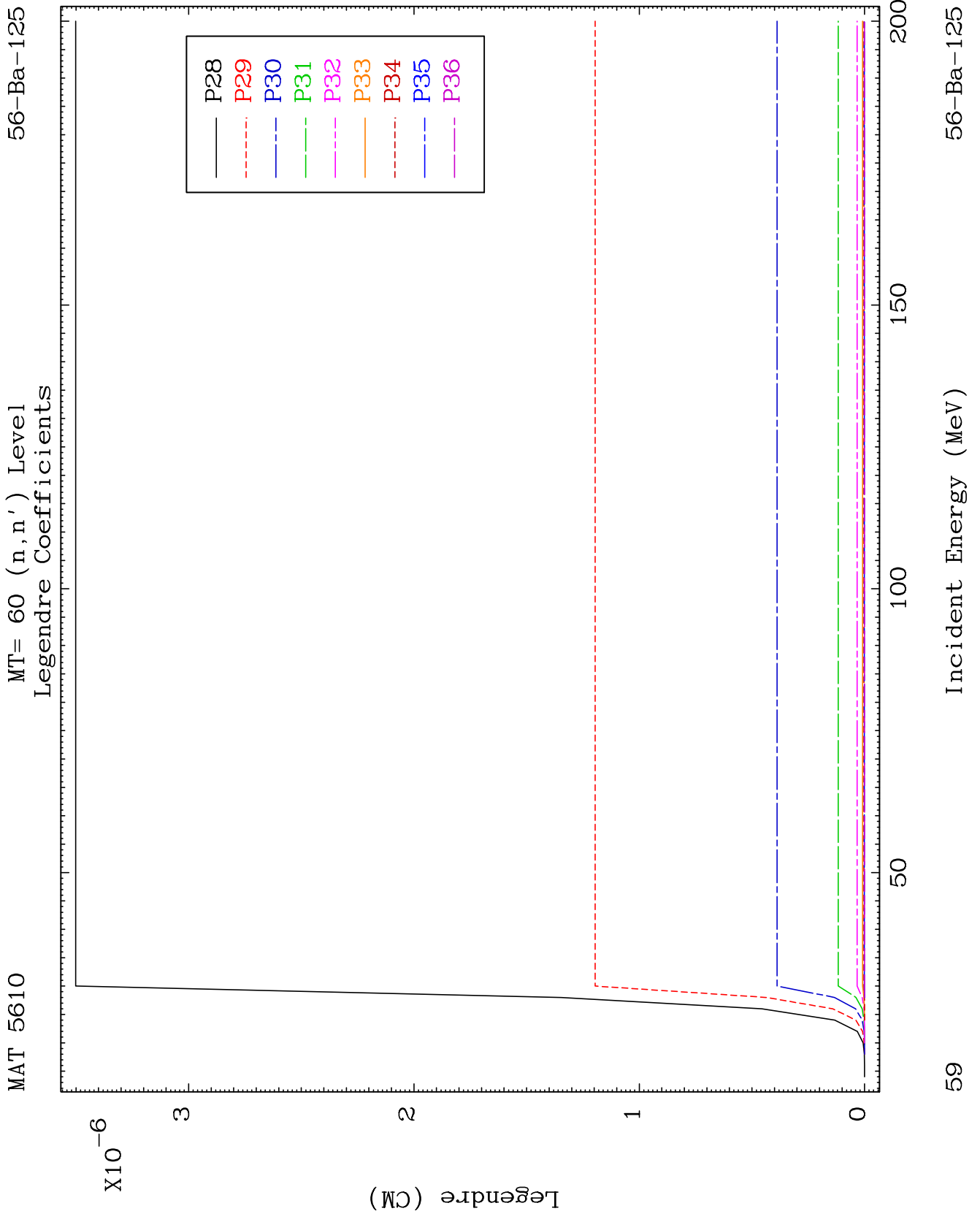
Incident Energy (MeV)

56-Ba-125





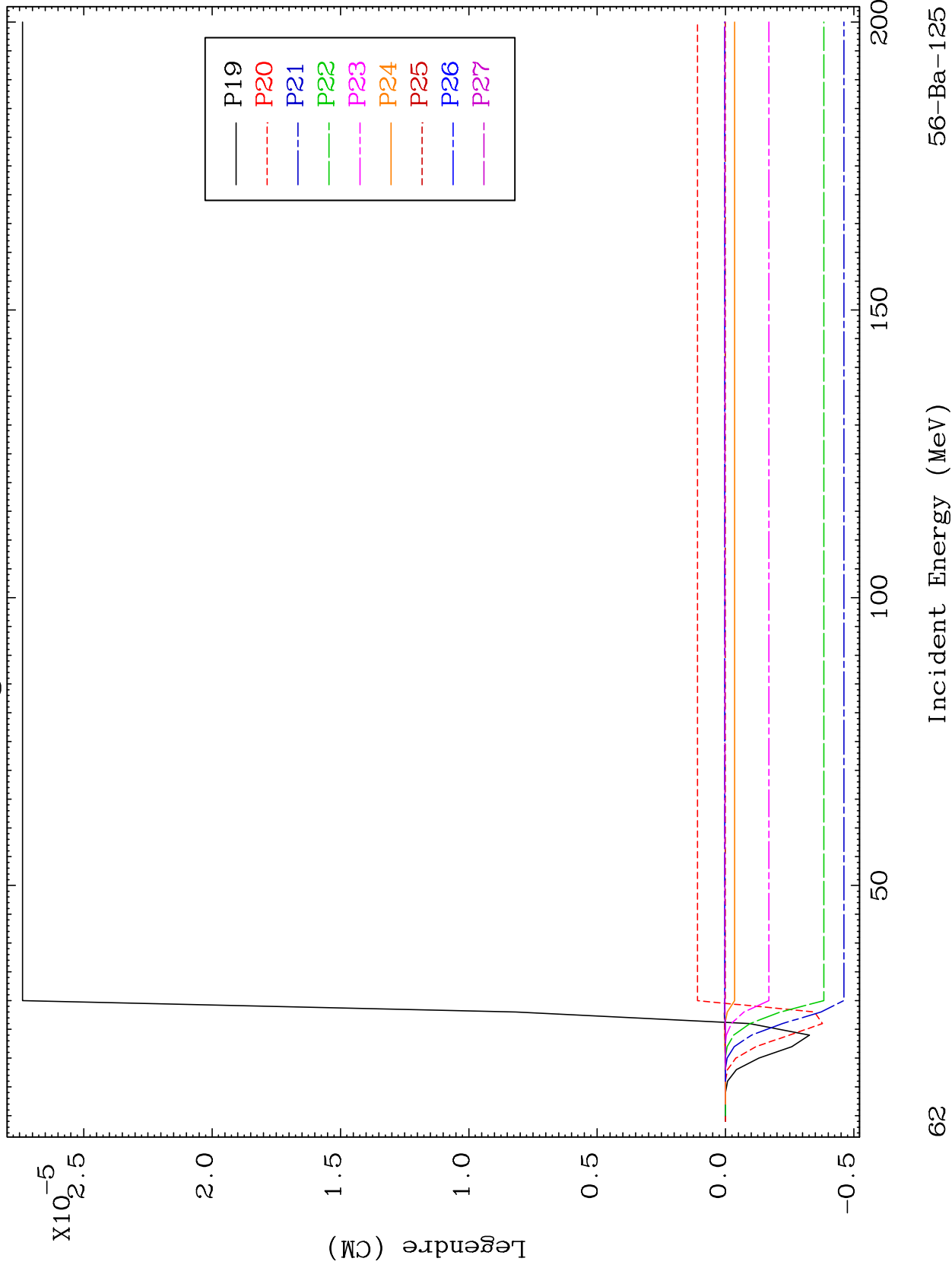


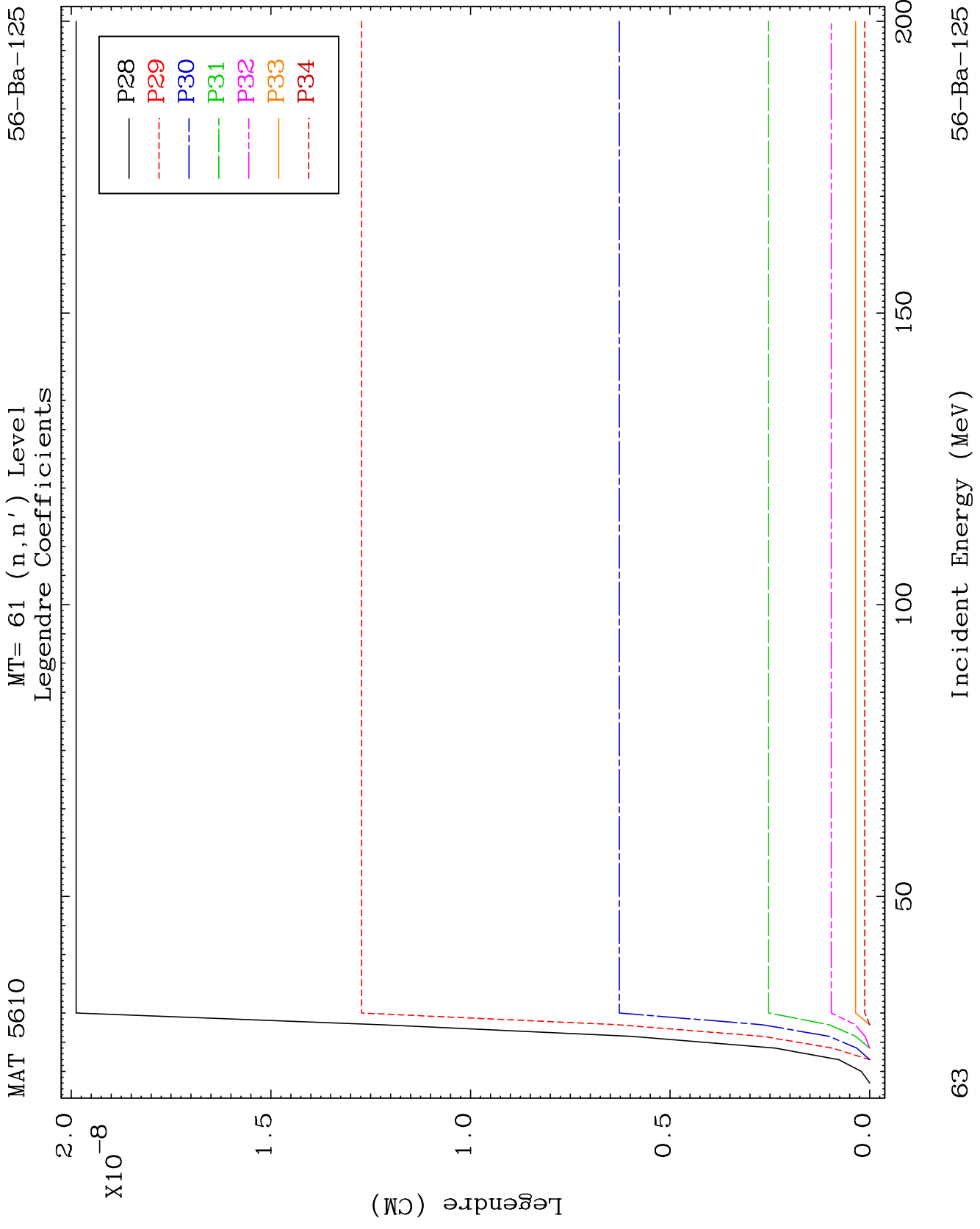


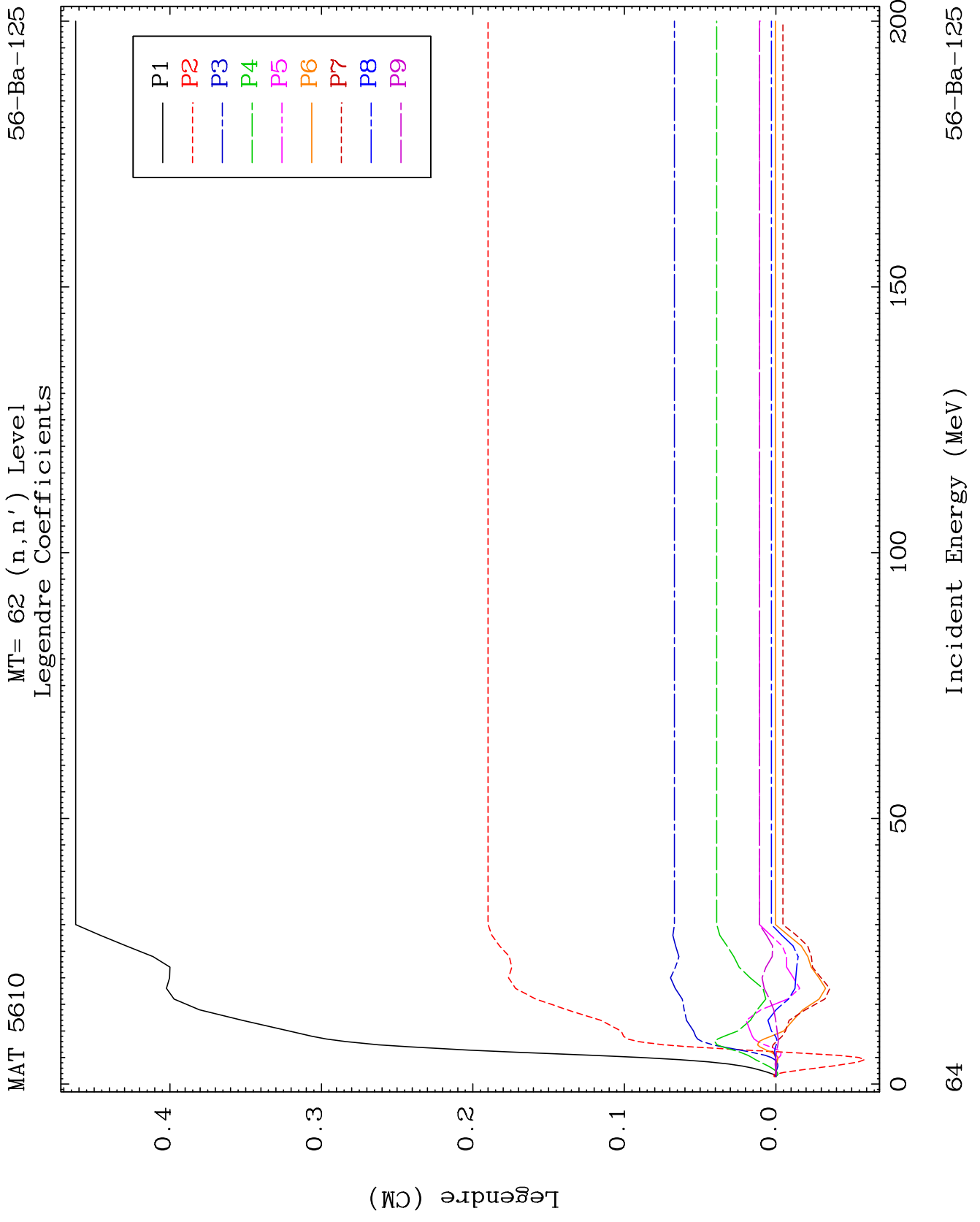
MAT 5610

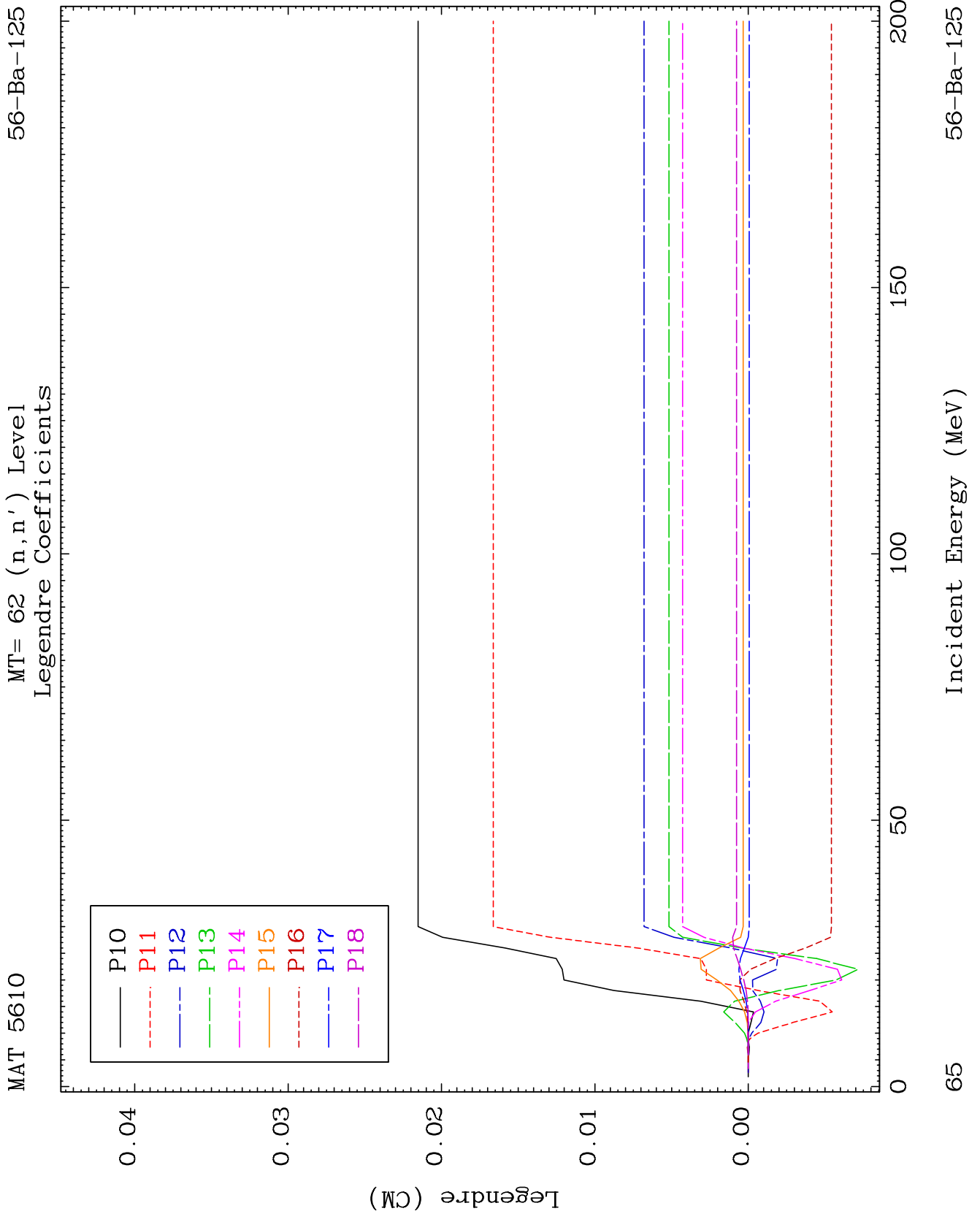
MT= 61 (n,n') Level
Legendre Coefficients

56-Ba-125





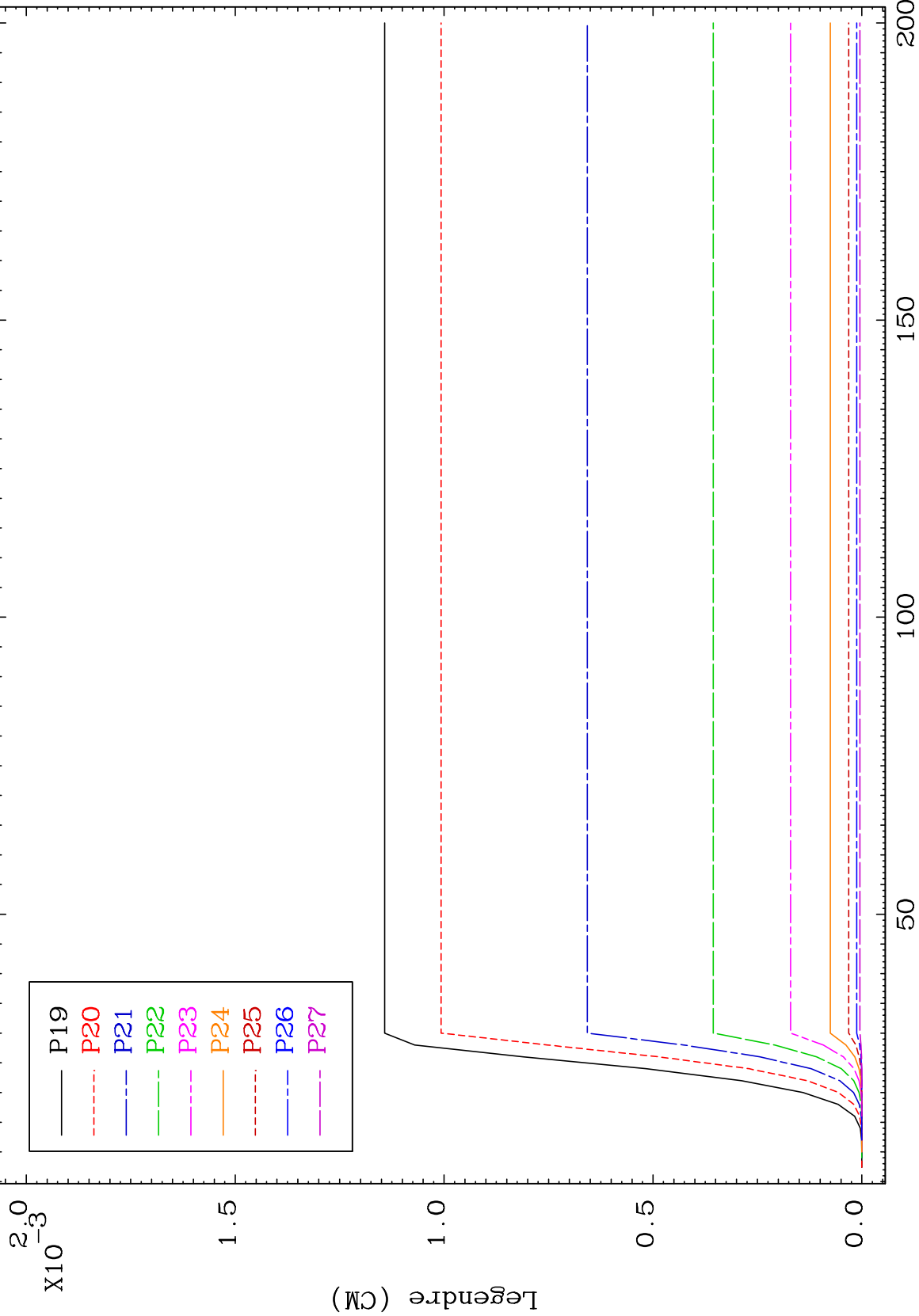




MAT 5610

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

56-Ba-125



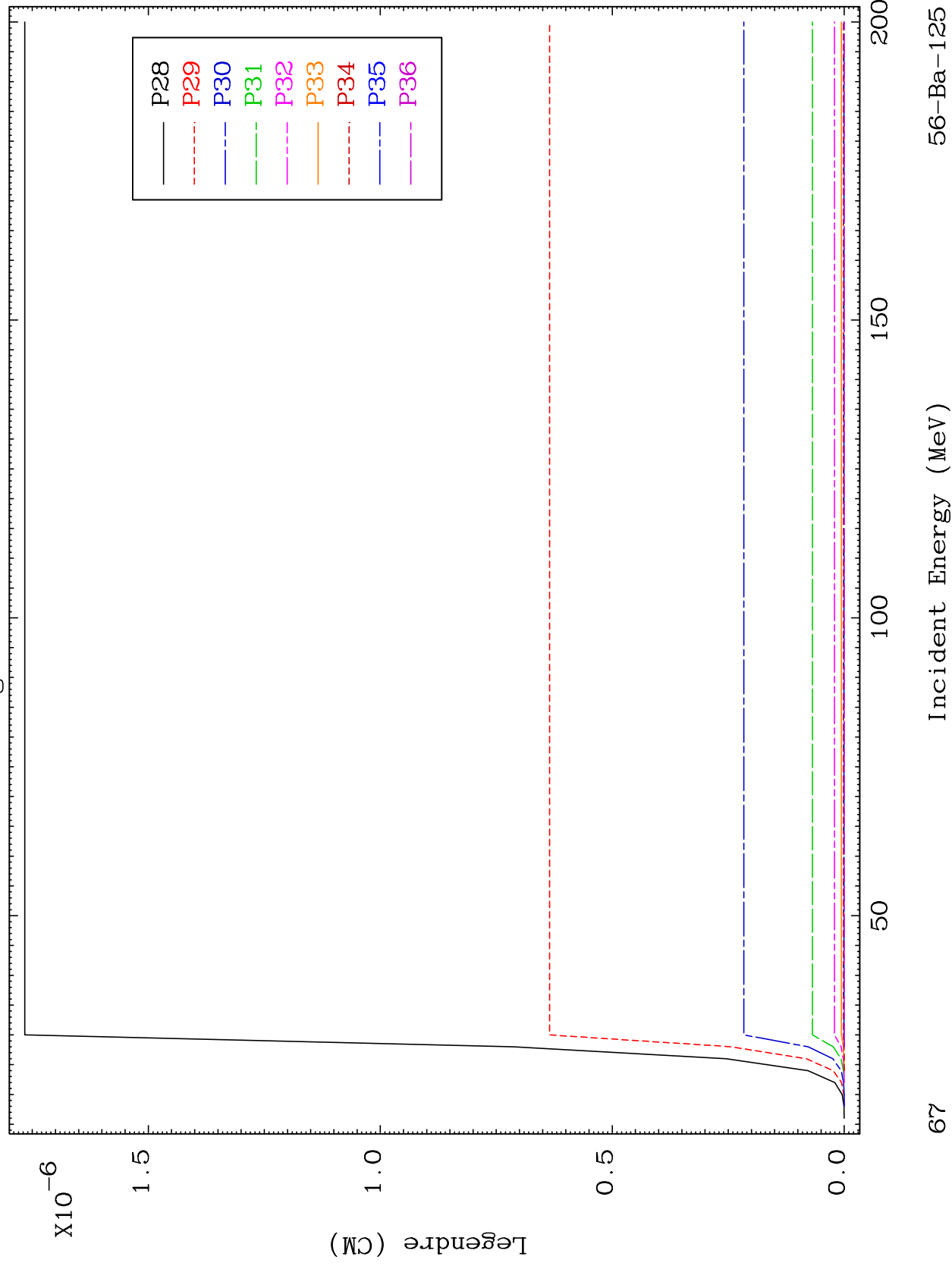
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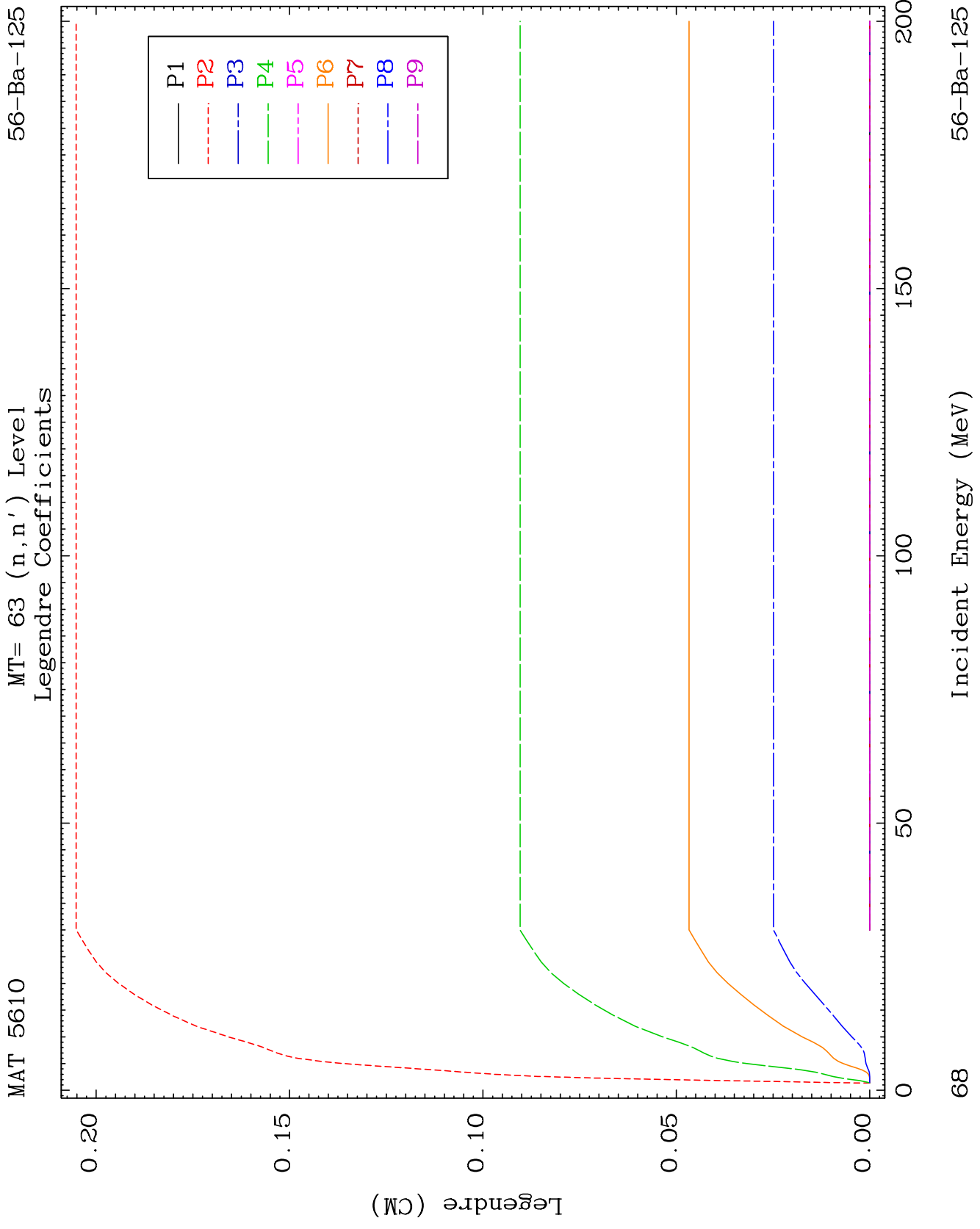
56-Ba-125

MAT 5610

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

56-Ba-125

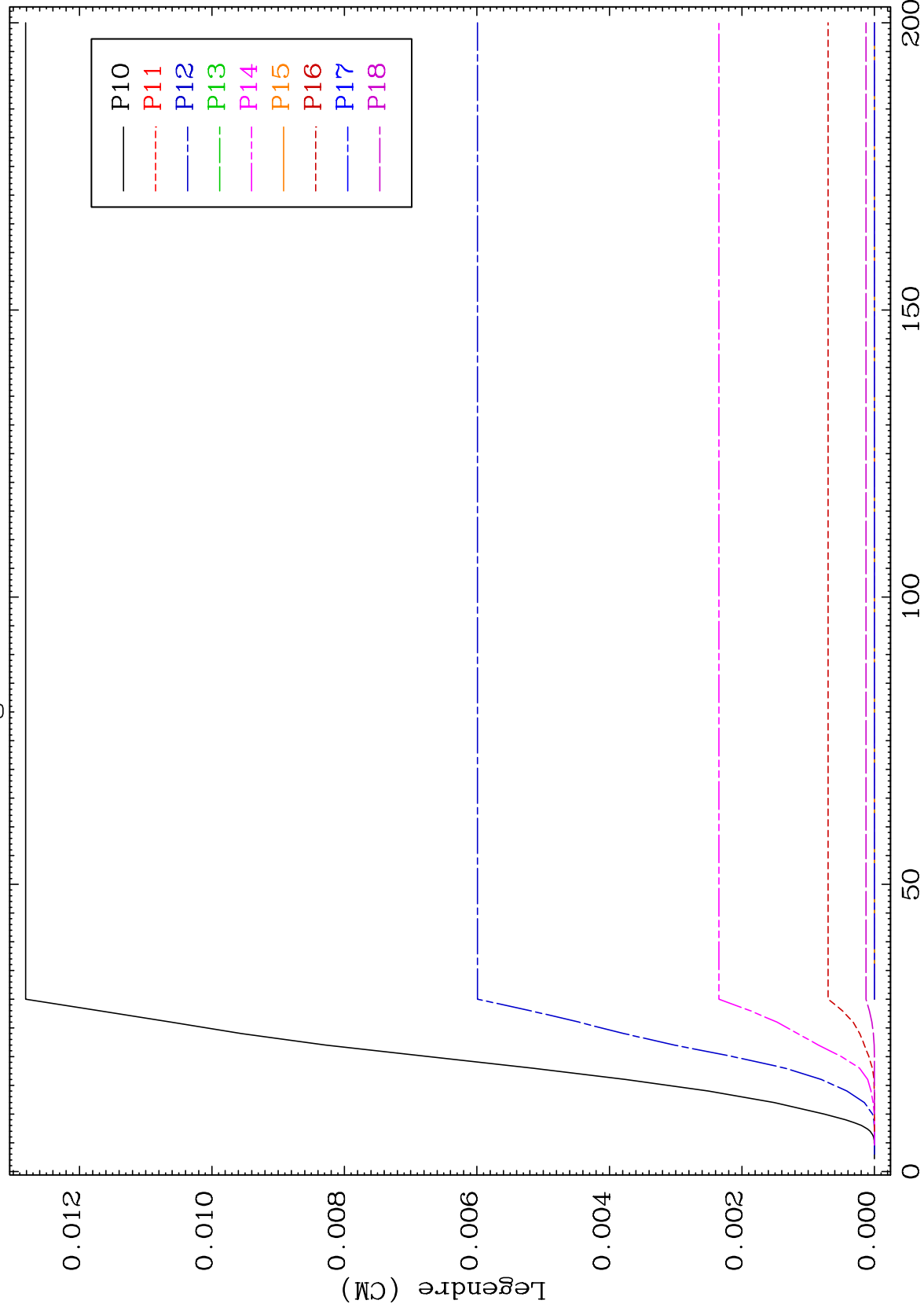




MAT 5610

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

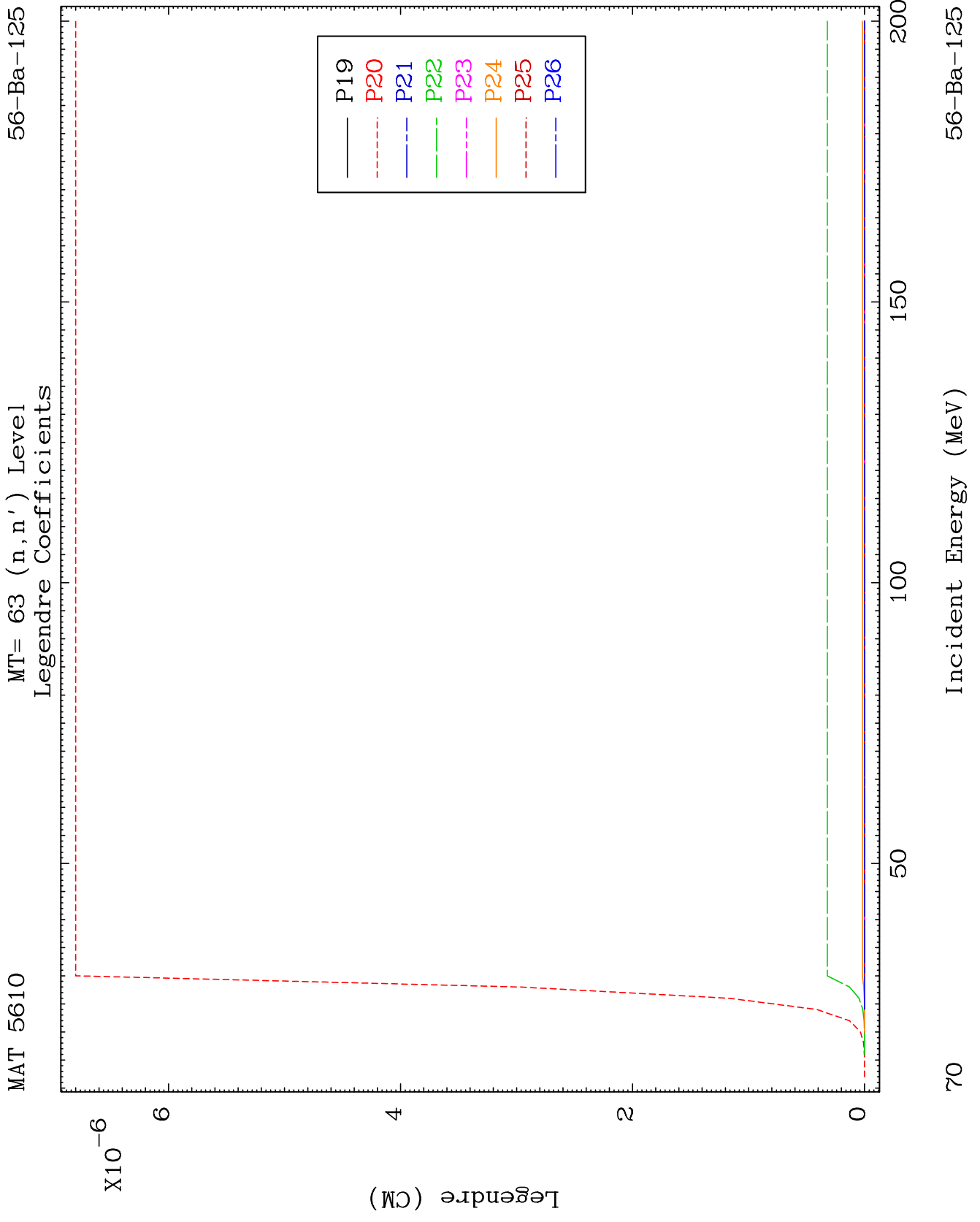
56-Ba-125



69

Incident Energy (MeV)

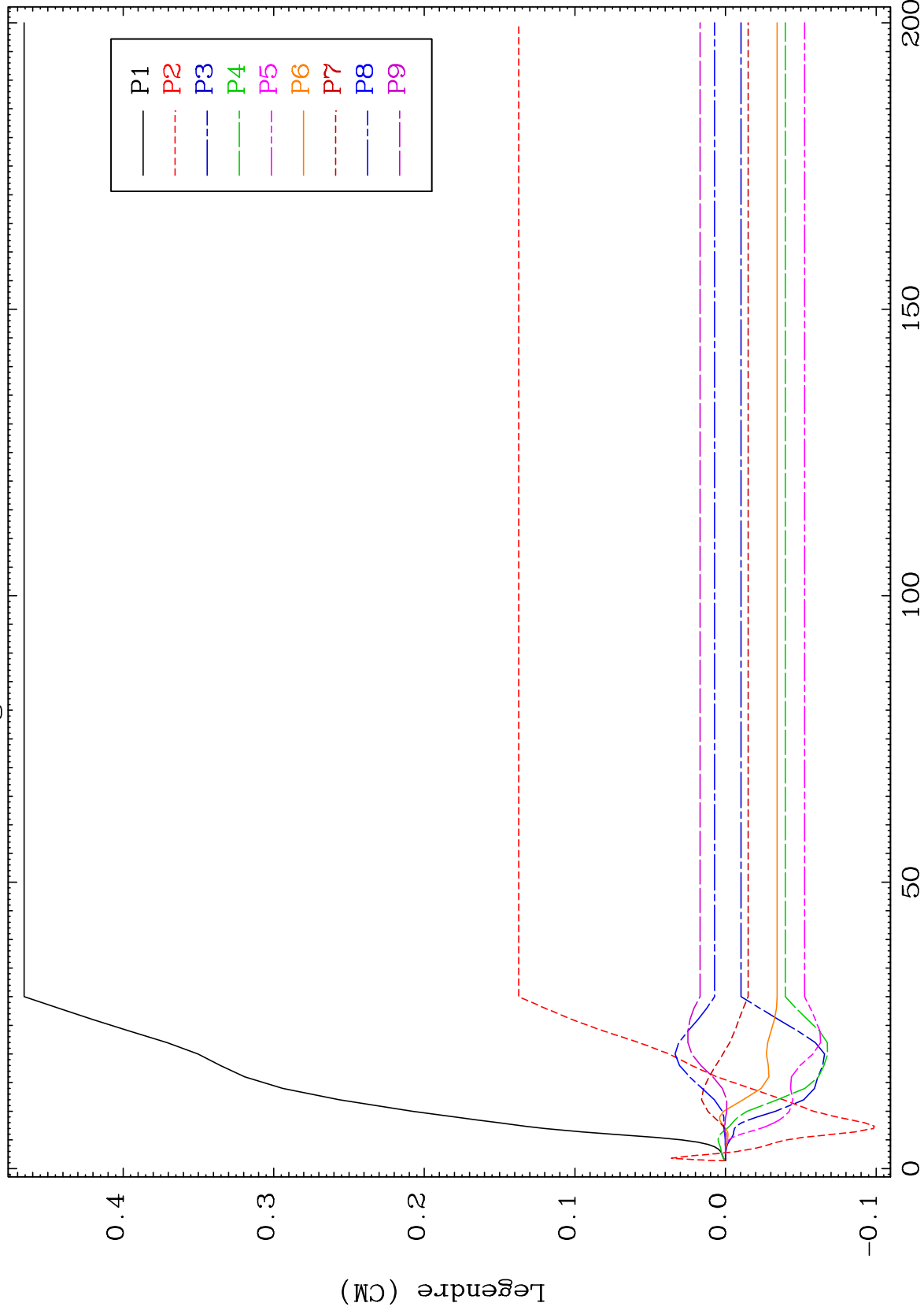
56-Ba-125



MAT 5610

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

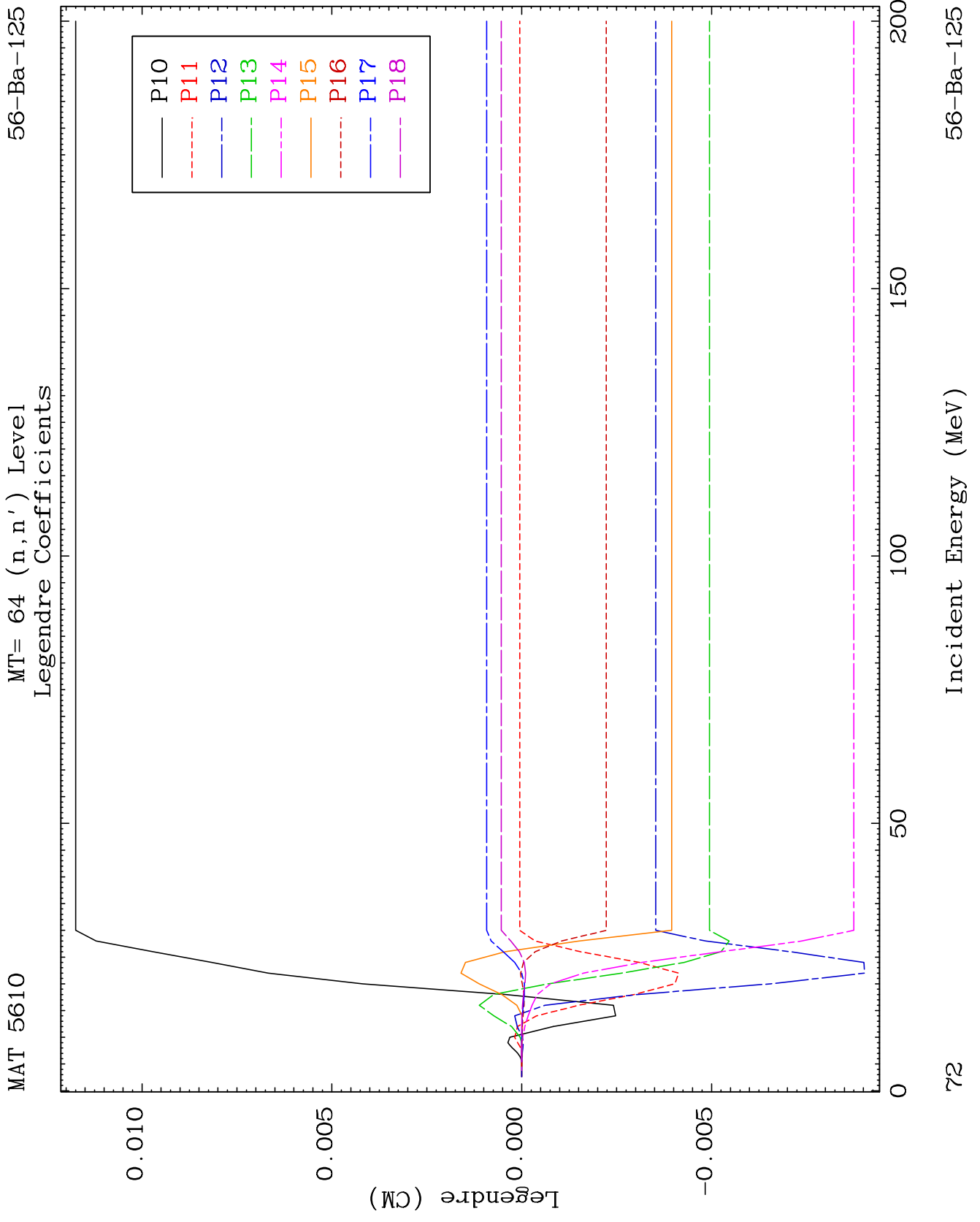
56-Ba-125



71

Incident Energy (MeV)

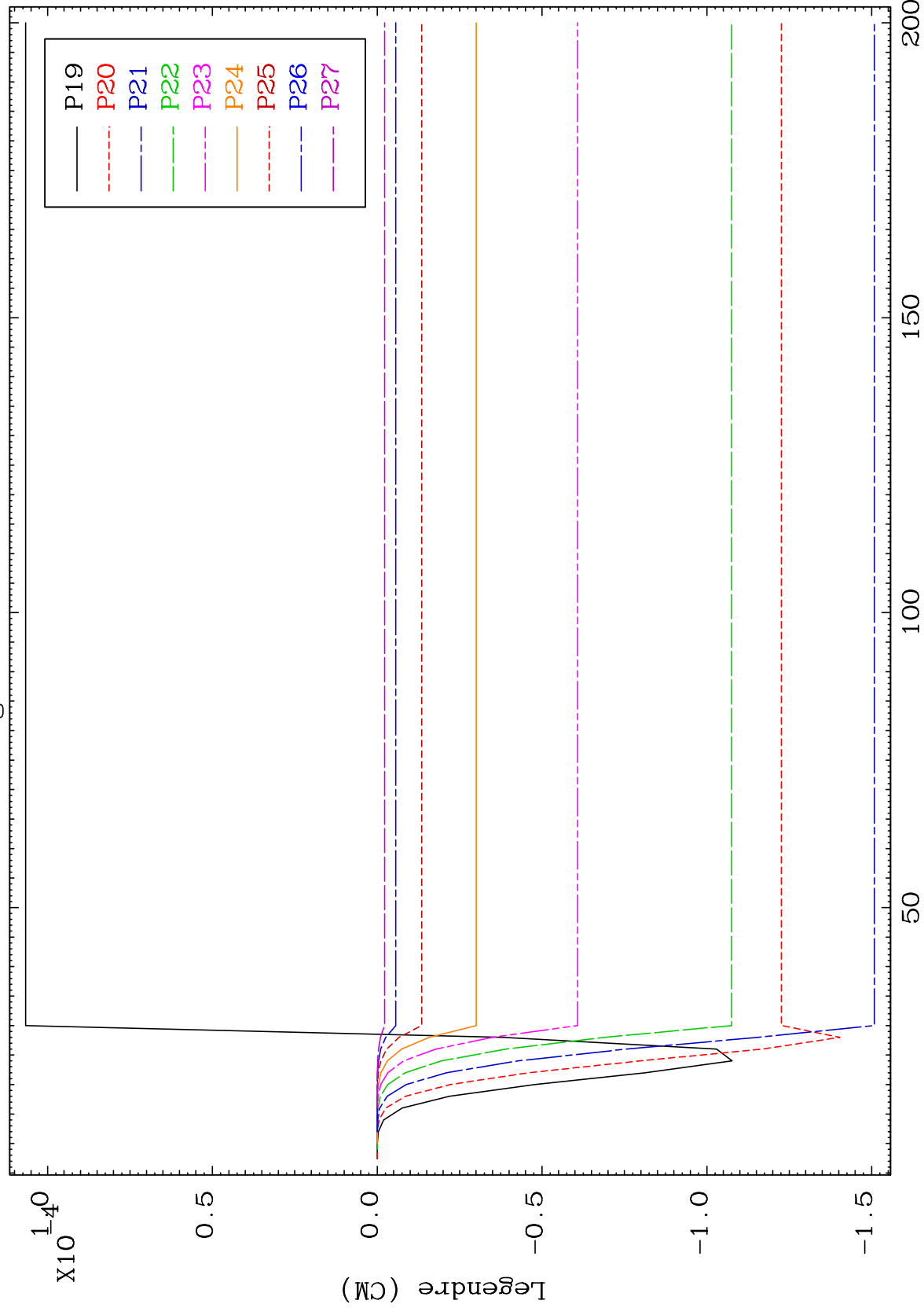
56-Ba-125



MAT 5610

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

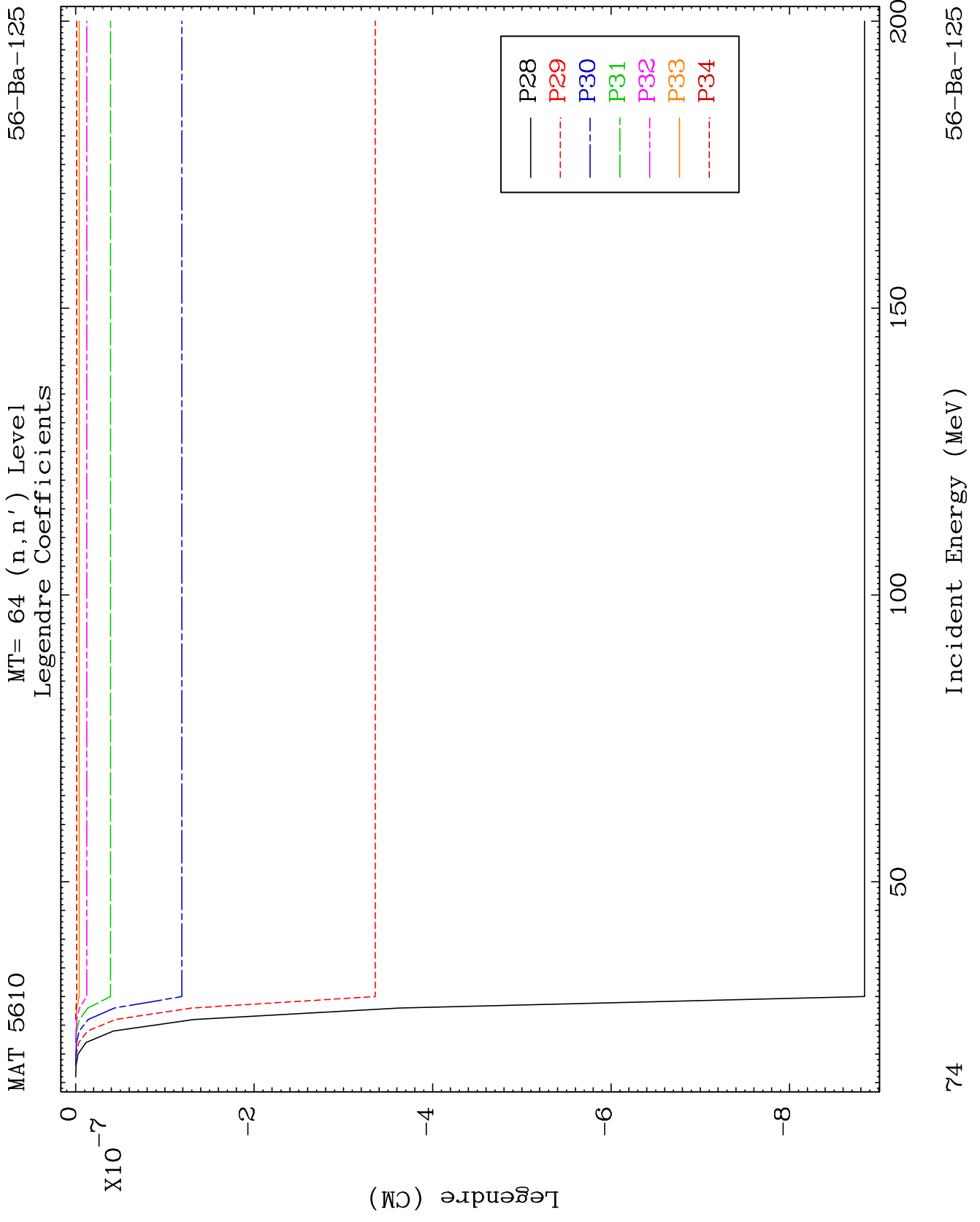
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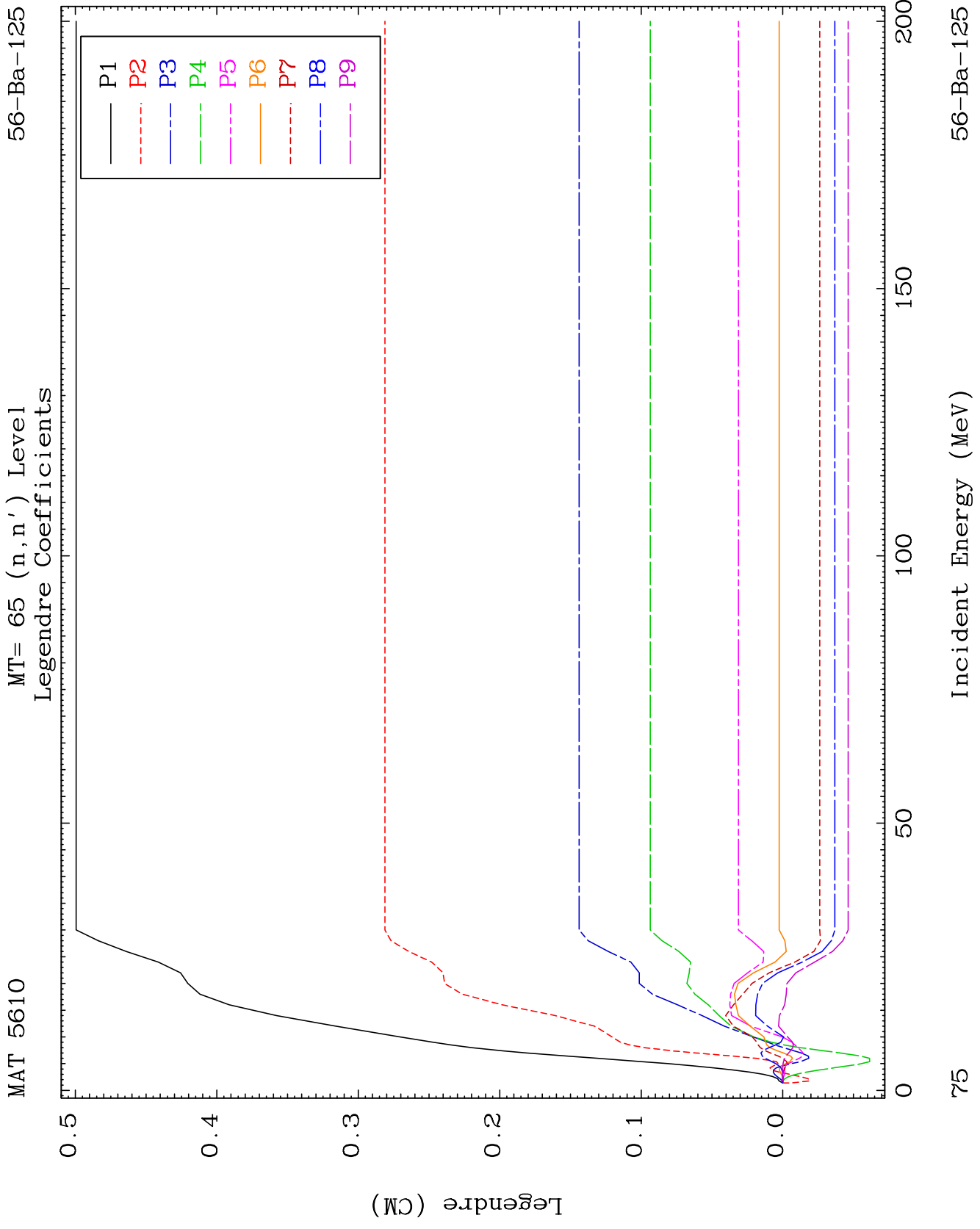


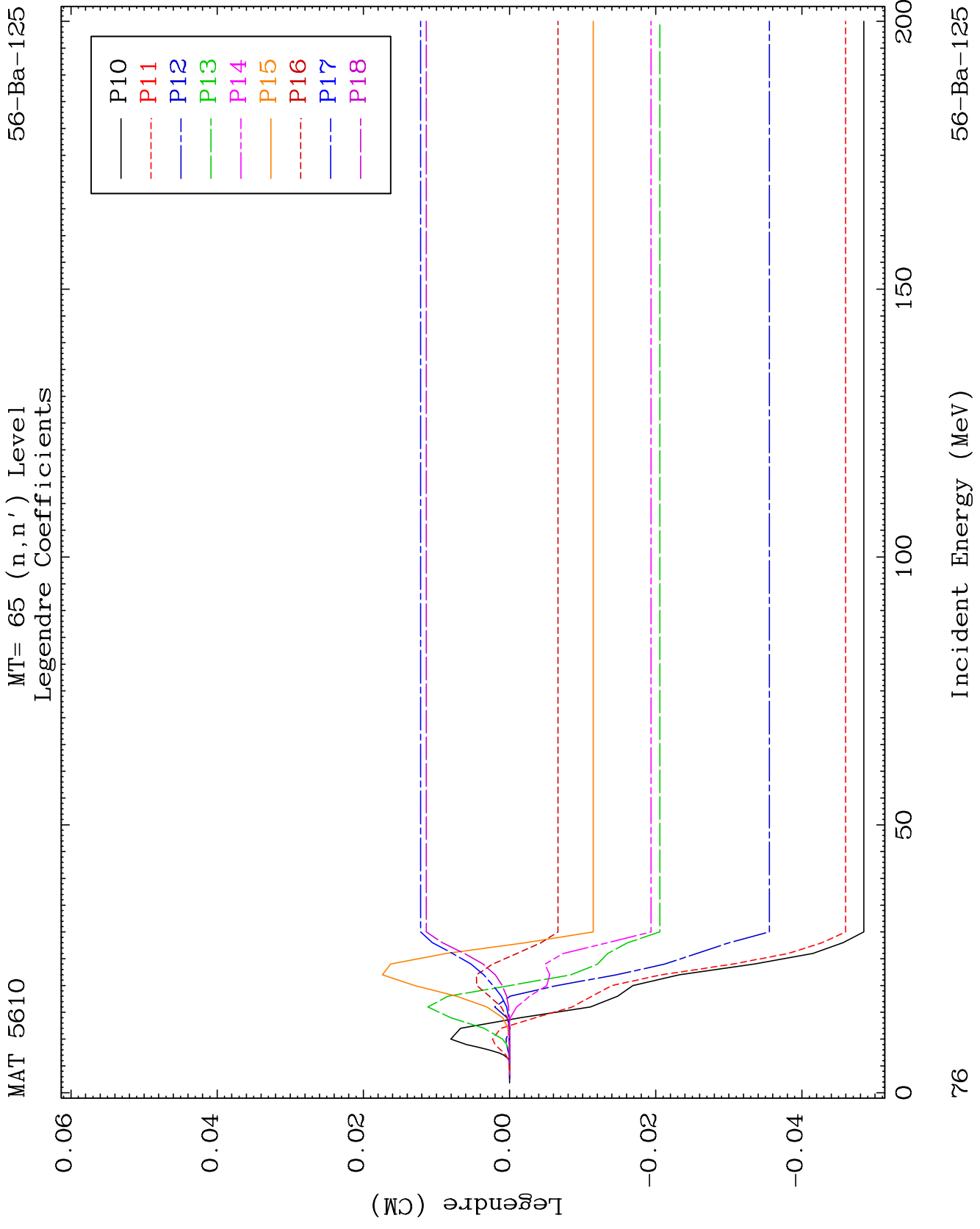
73

Incident Energy (MeV)

56-Ba-125







56-Ba-125

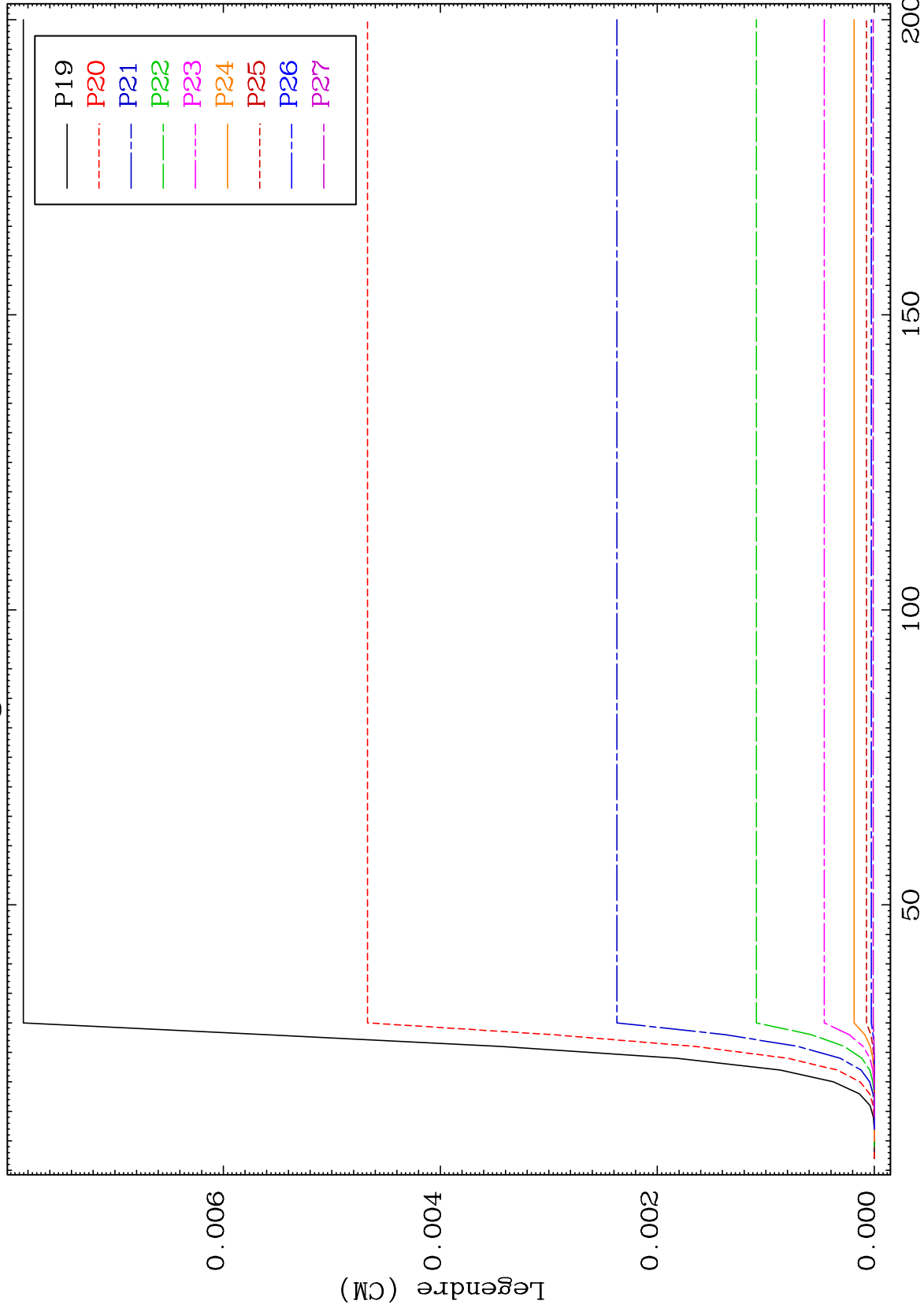
Incident Energy (MeV)

76

MAT 5610

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

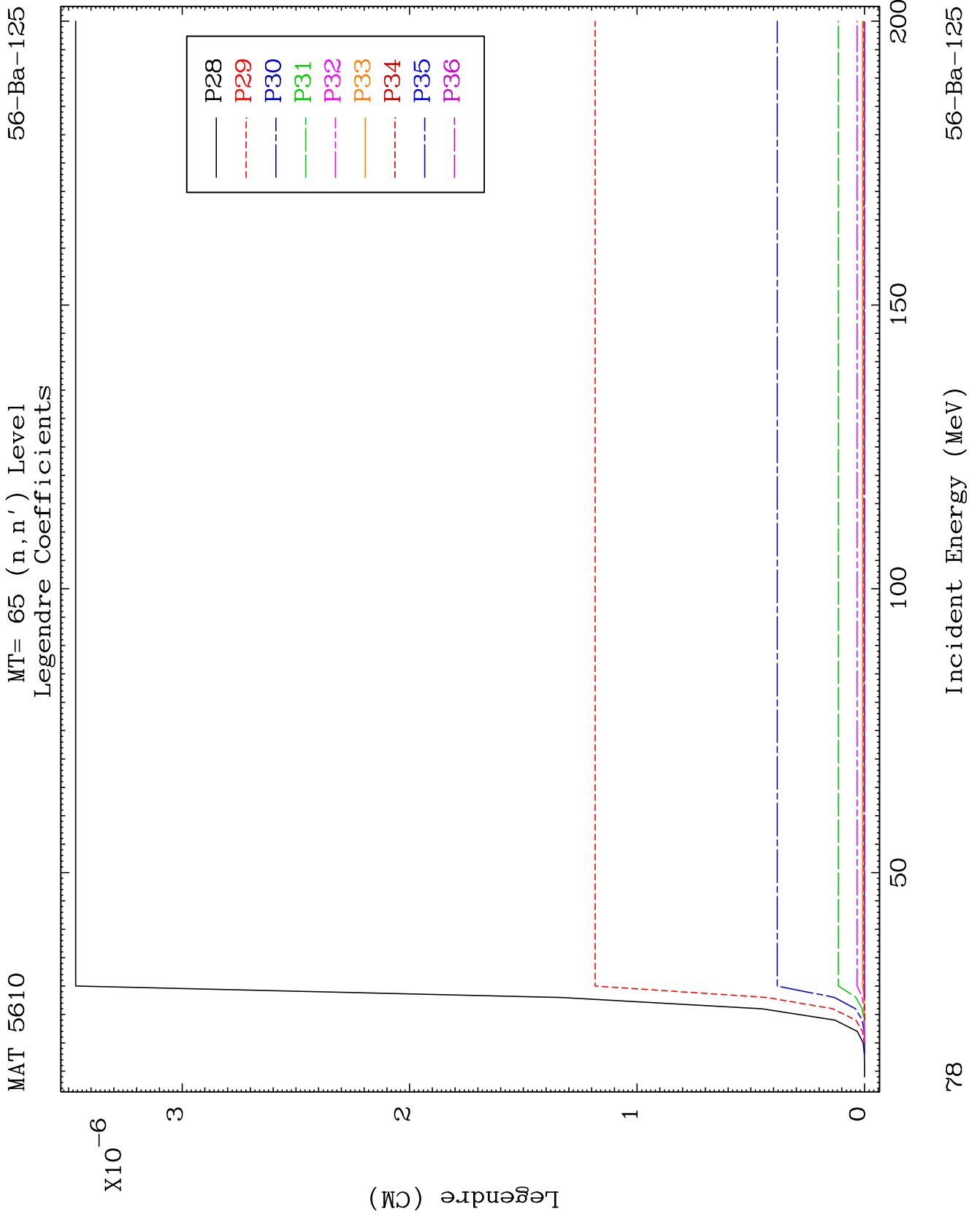
56-Ba-125



77

Incident Energy (MeV)

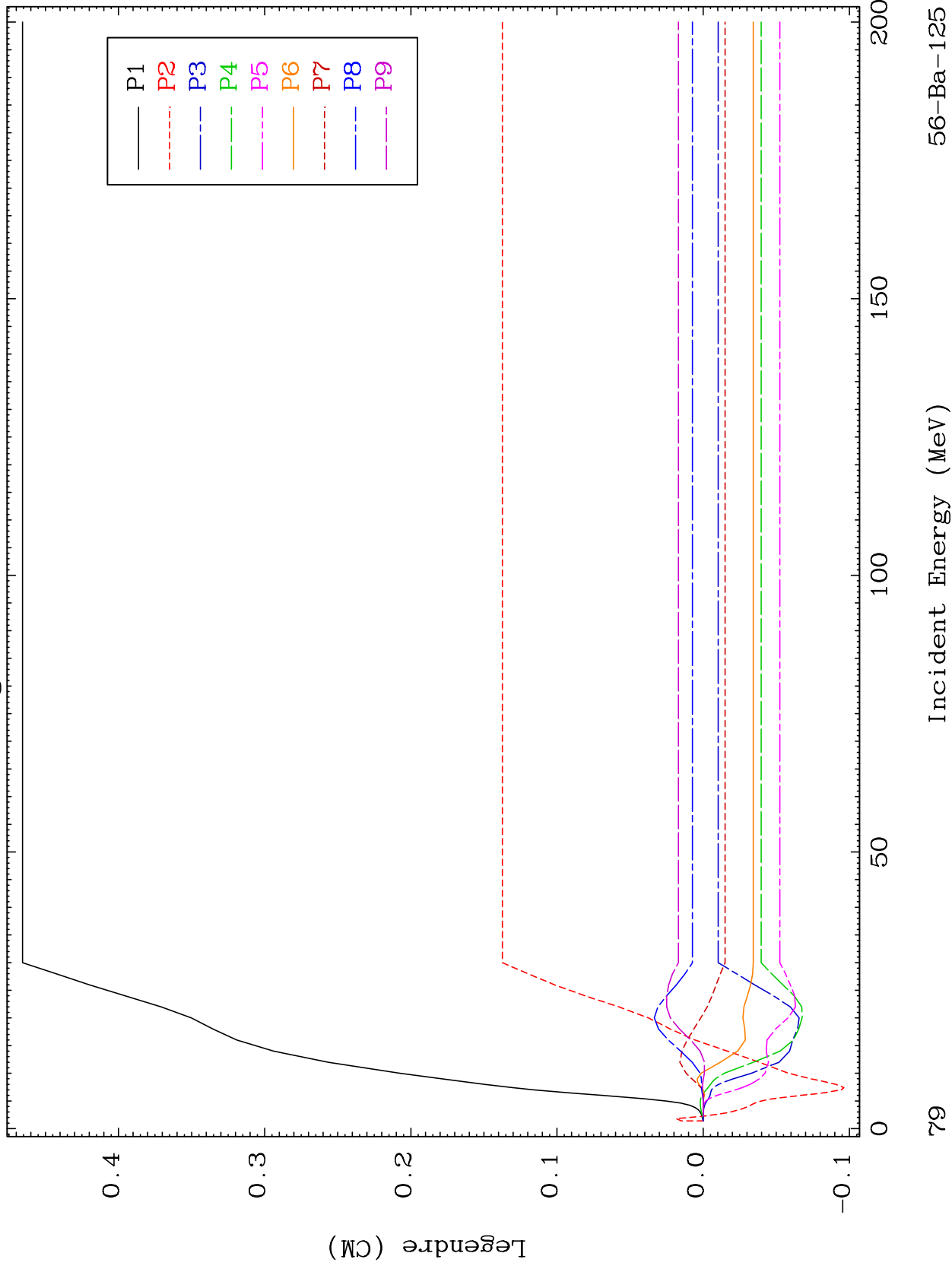
56-Ba-125



MAT 5610

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

56-Ba-125



79

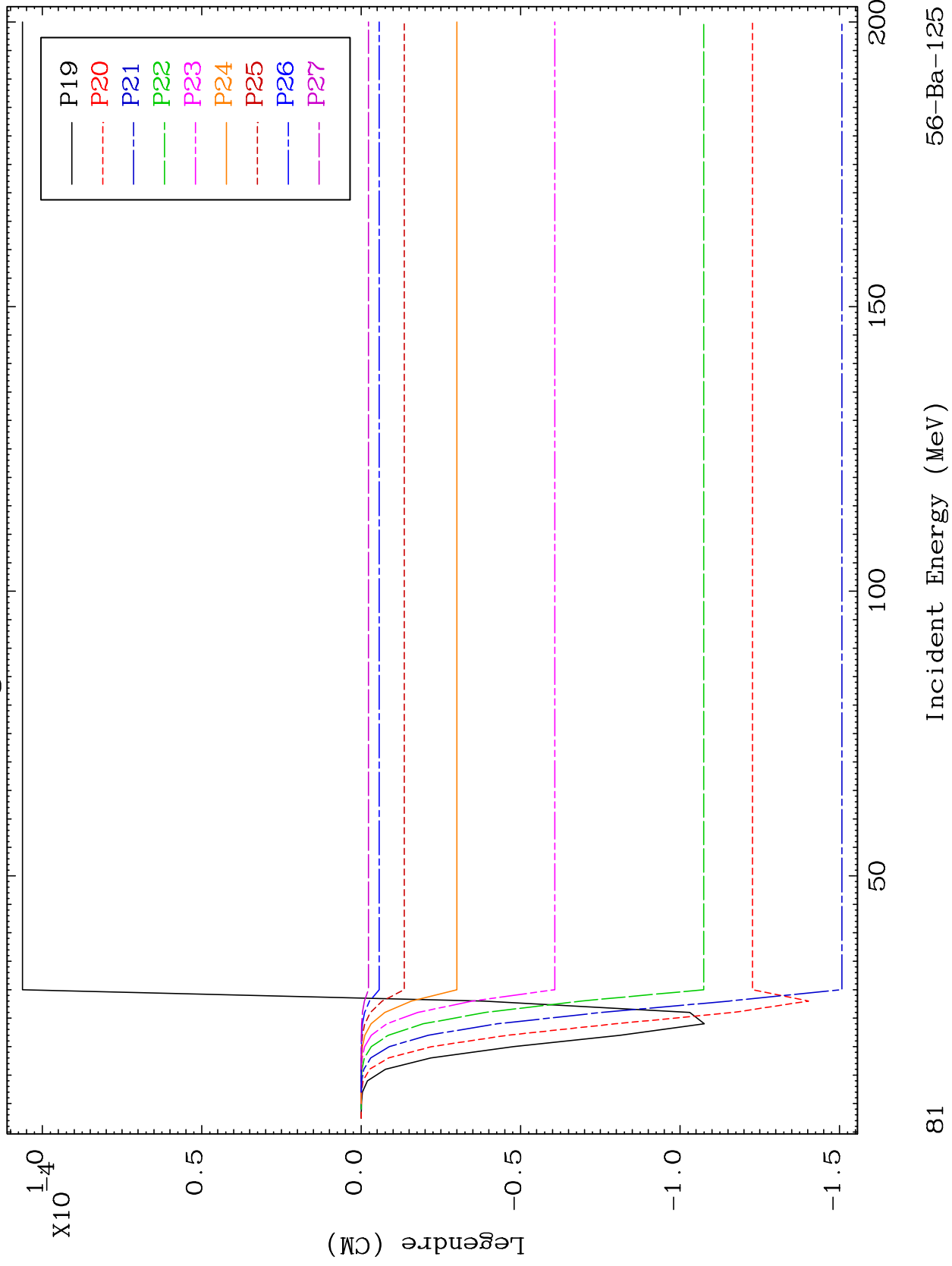
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

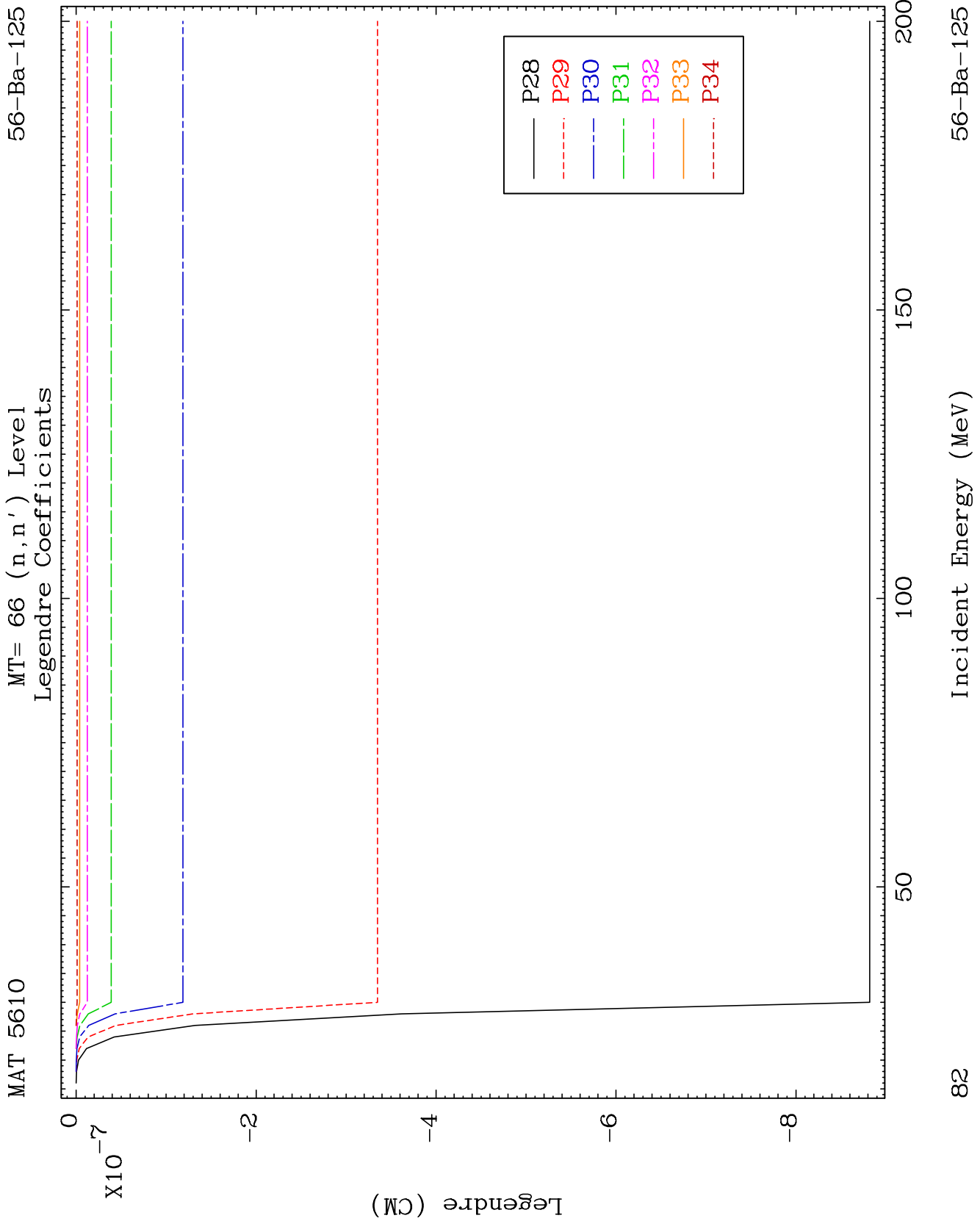
56-Ba-125

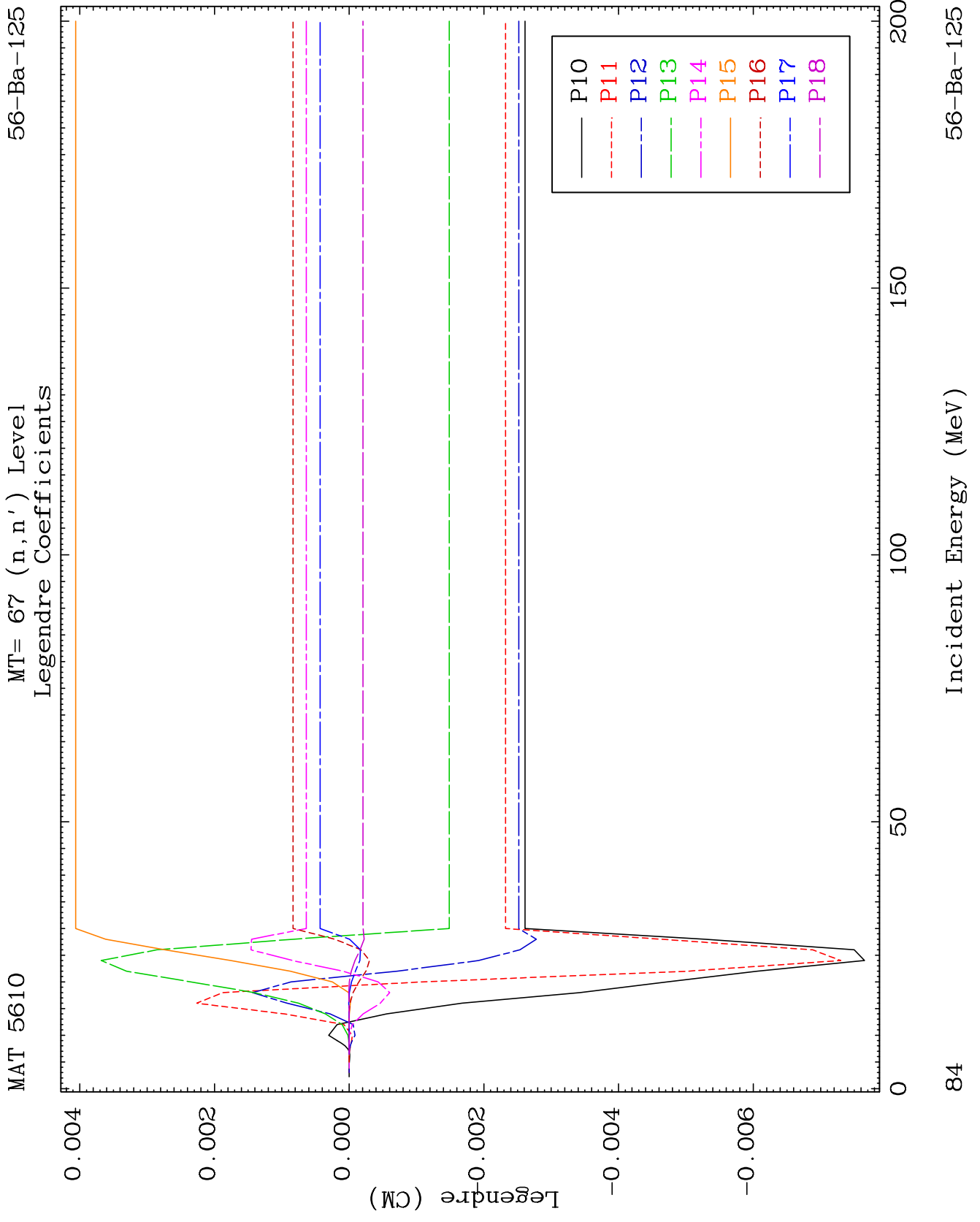


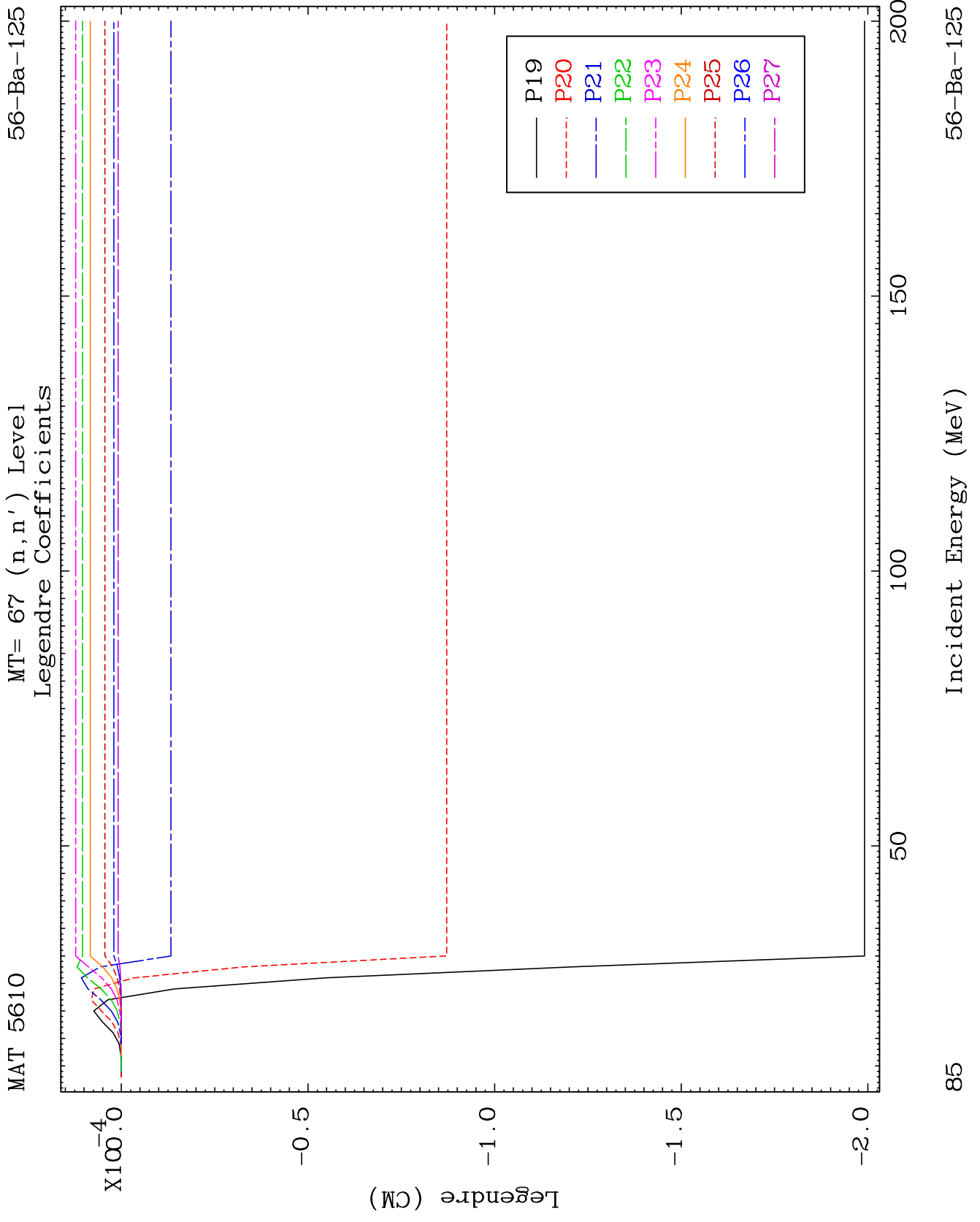
81

Incident Energy (MeV)

56-Ba-125



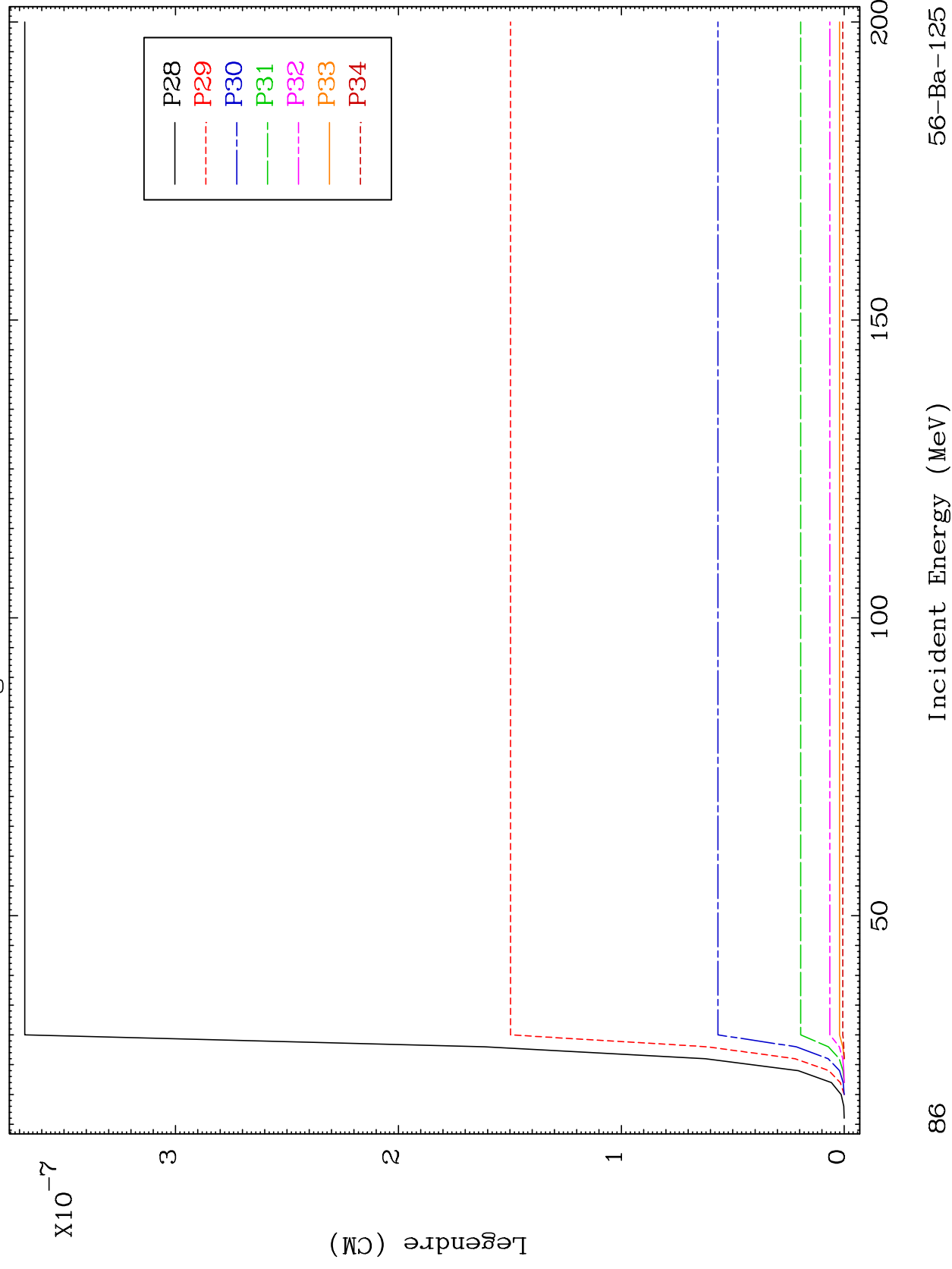


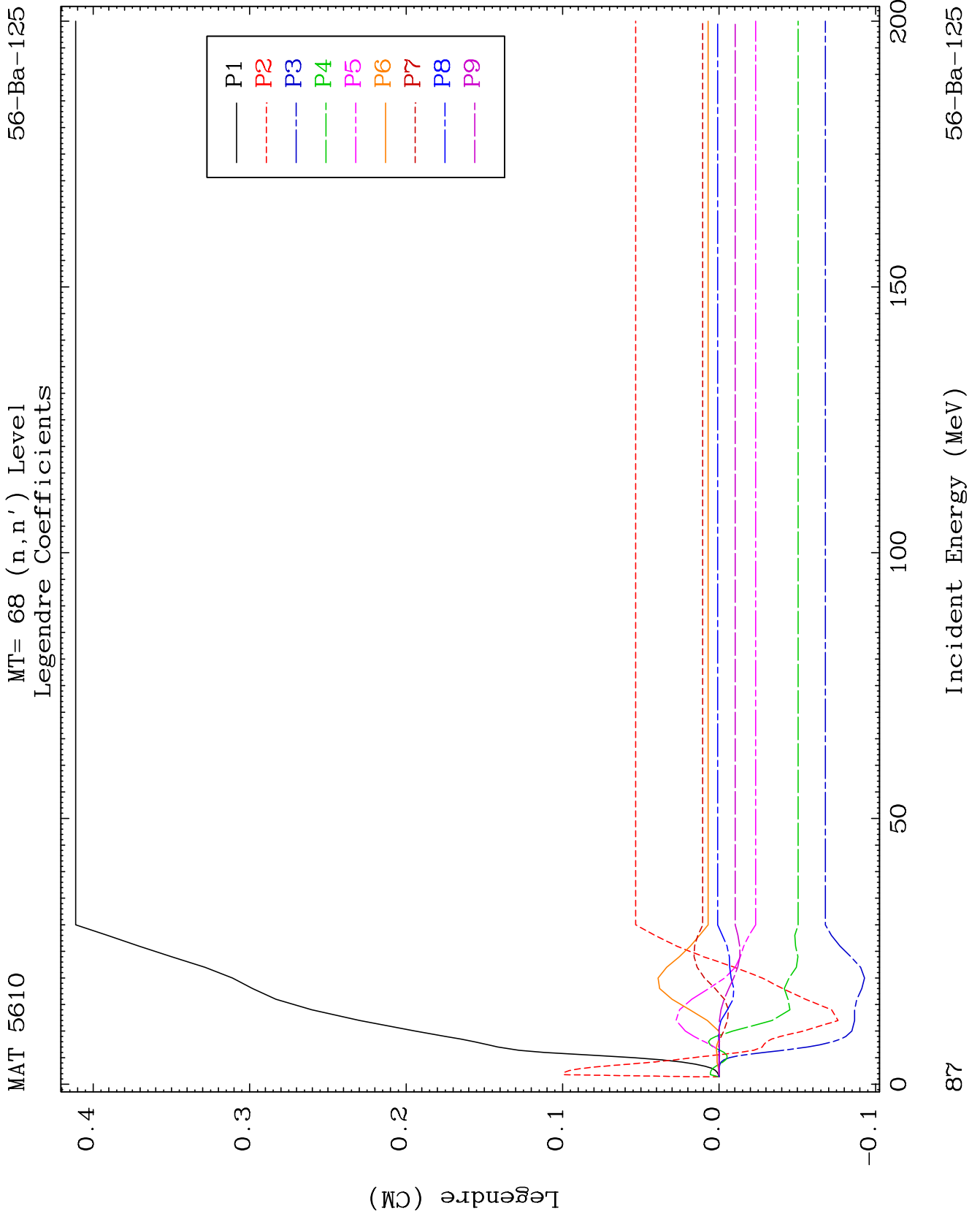


MAT 5610

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

56-Ba-125

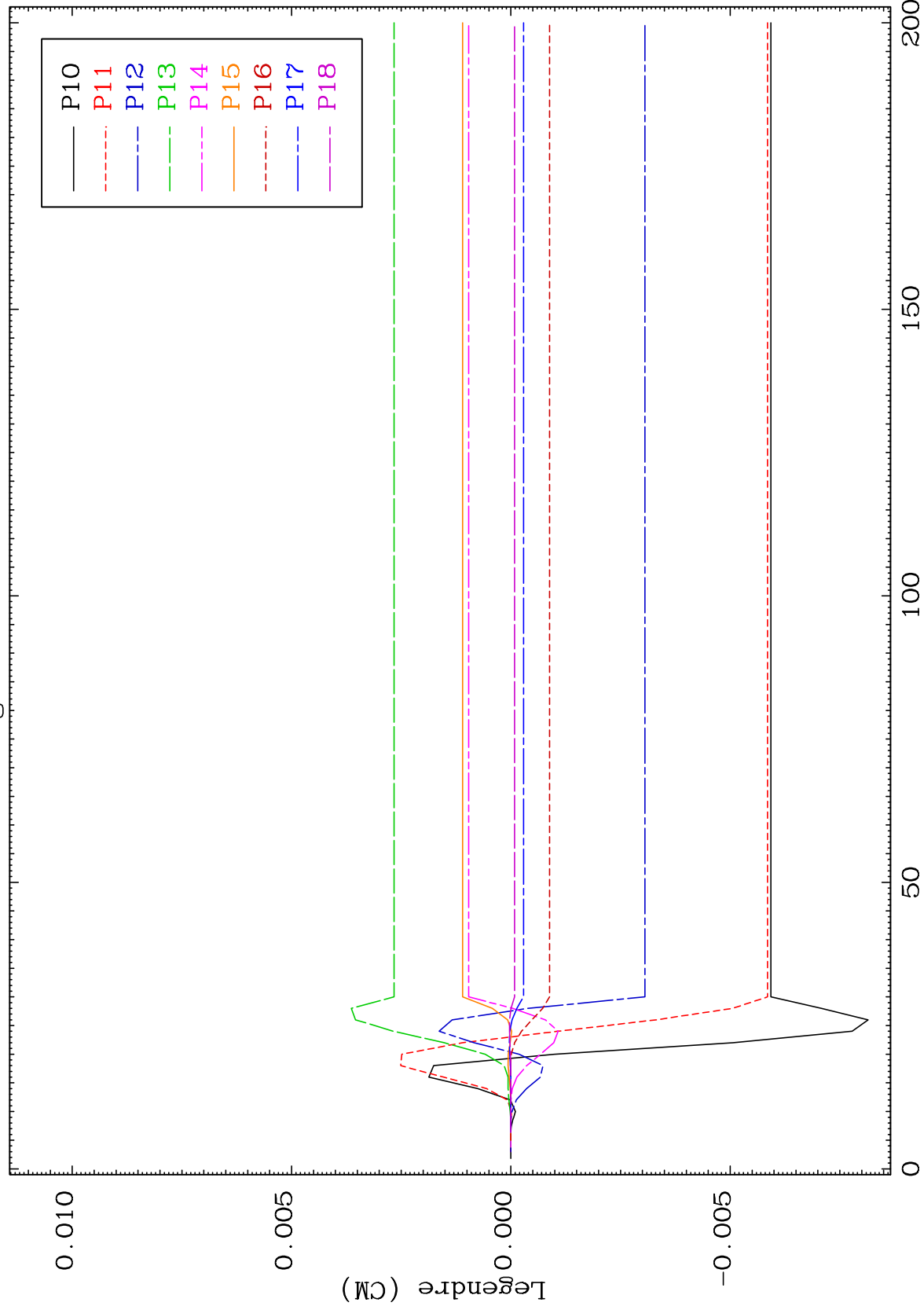




MAT 5610

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

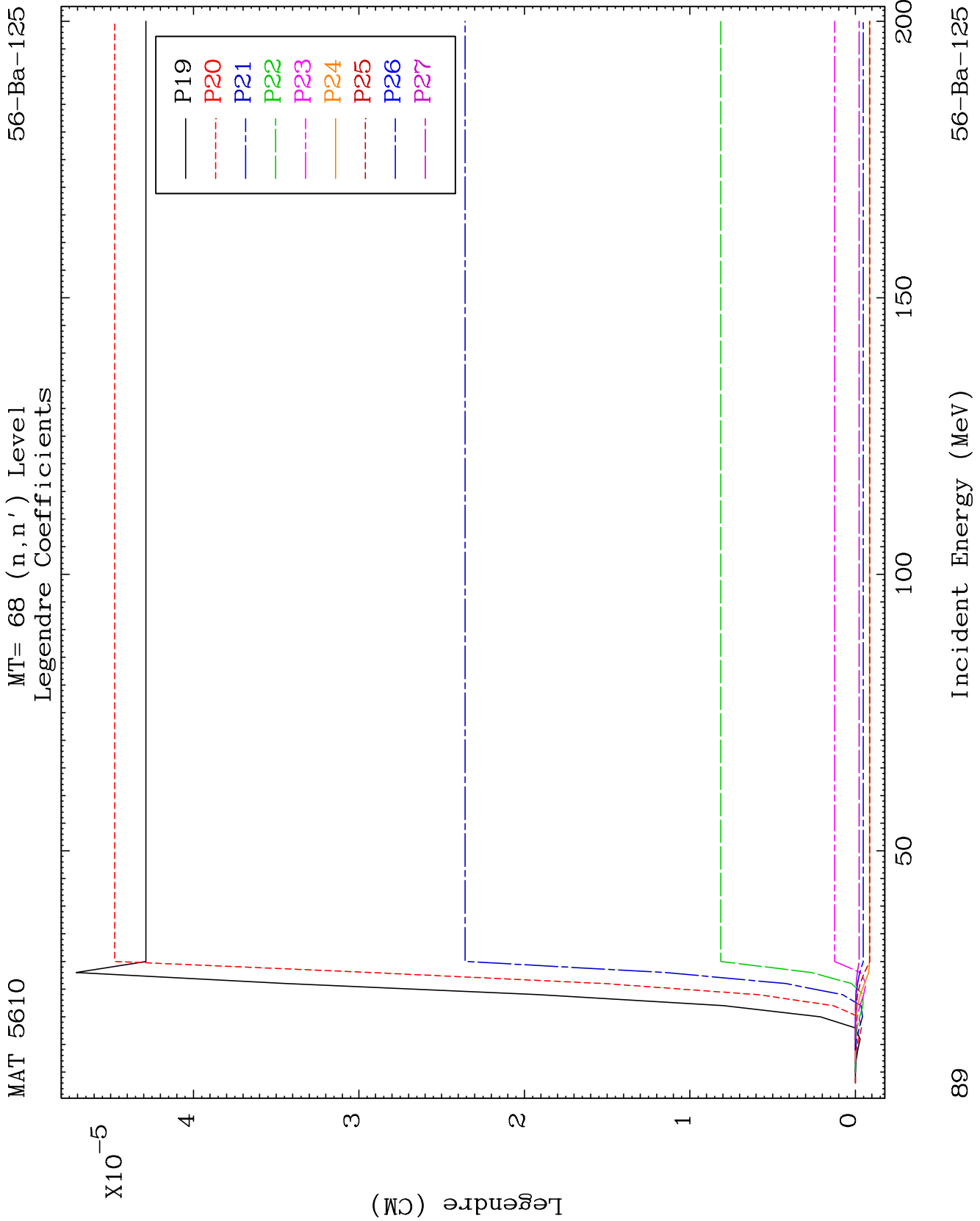
56-Ba-125

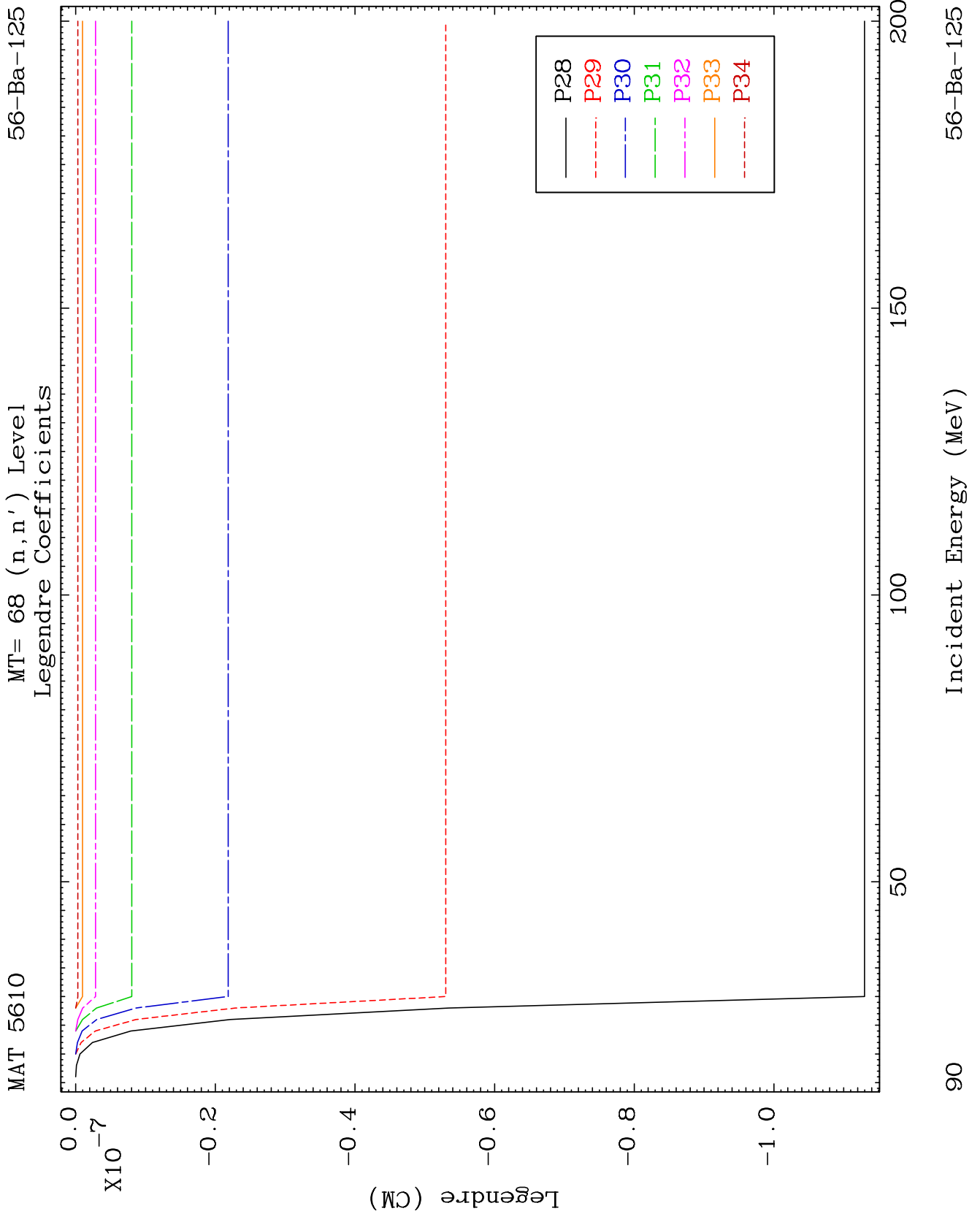


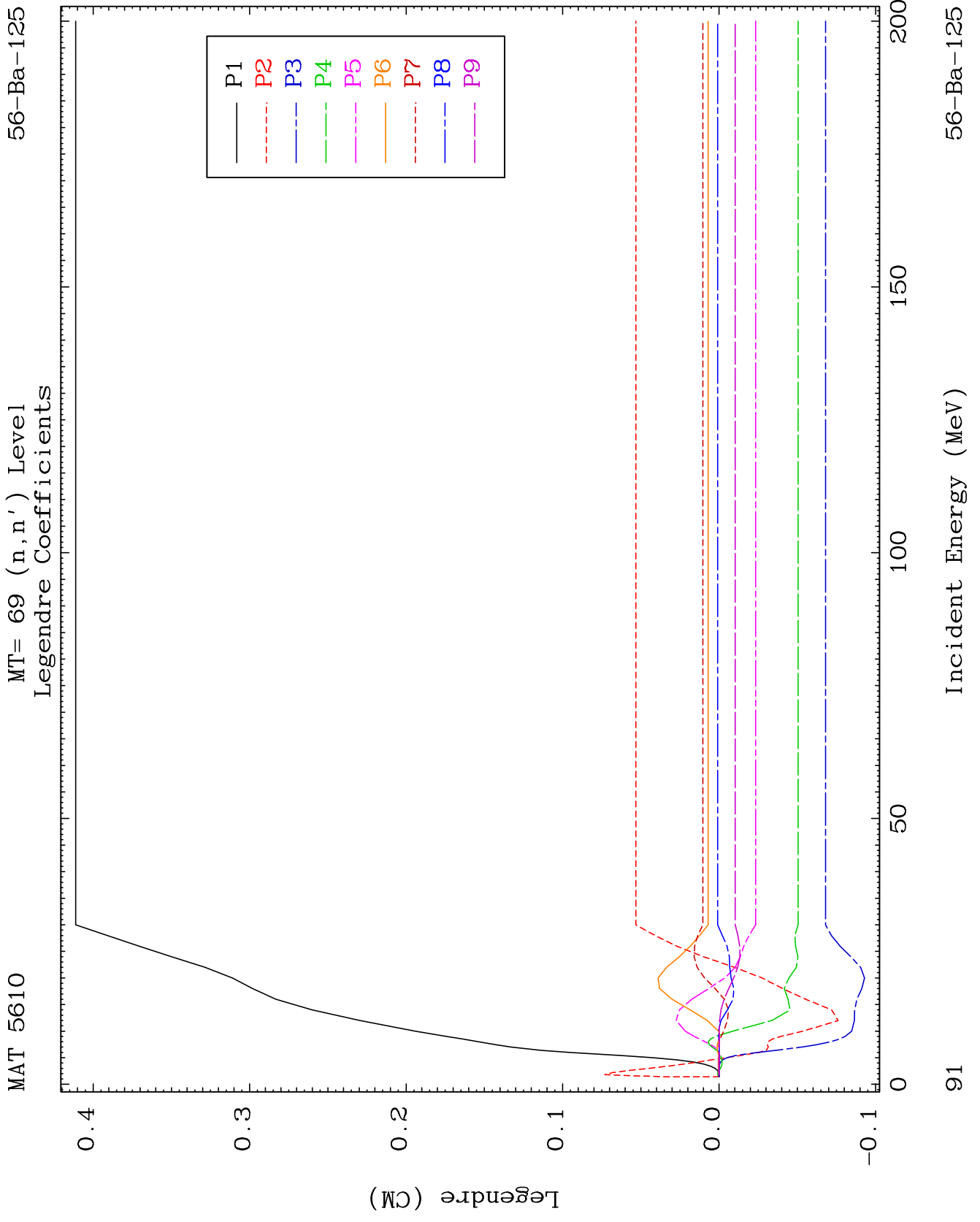
88

Incident Energy (MeV)

56-Ba-125



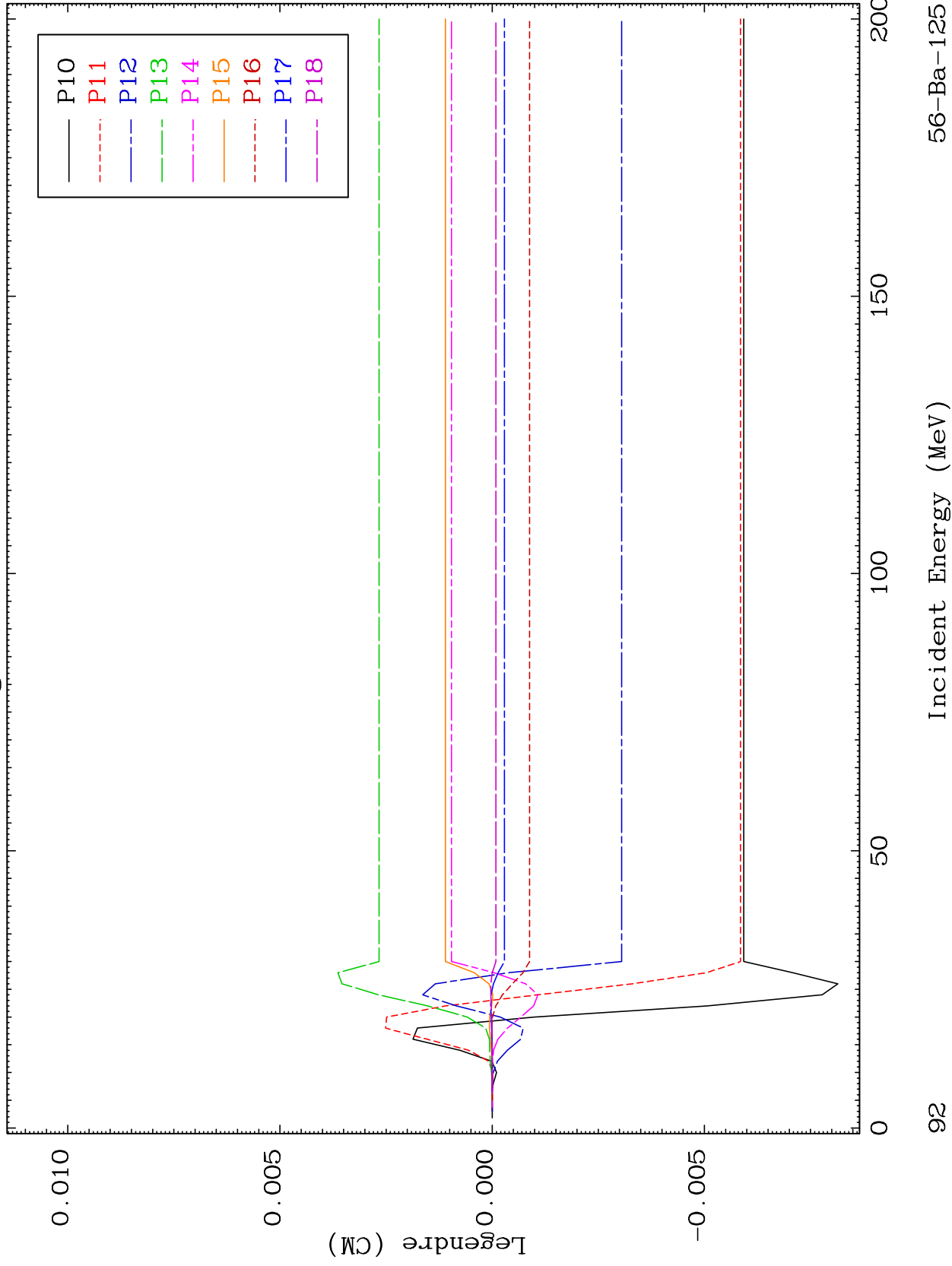




MAT 5610

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

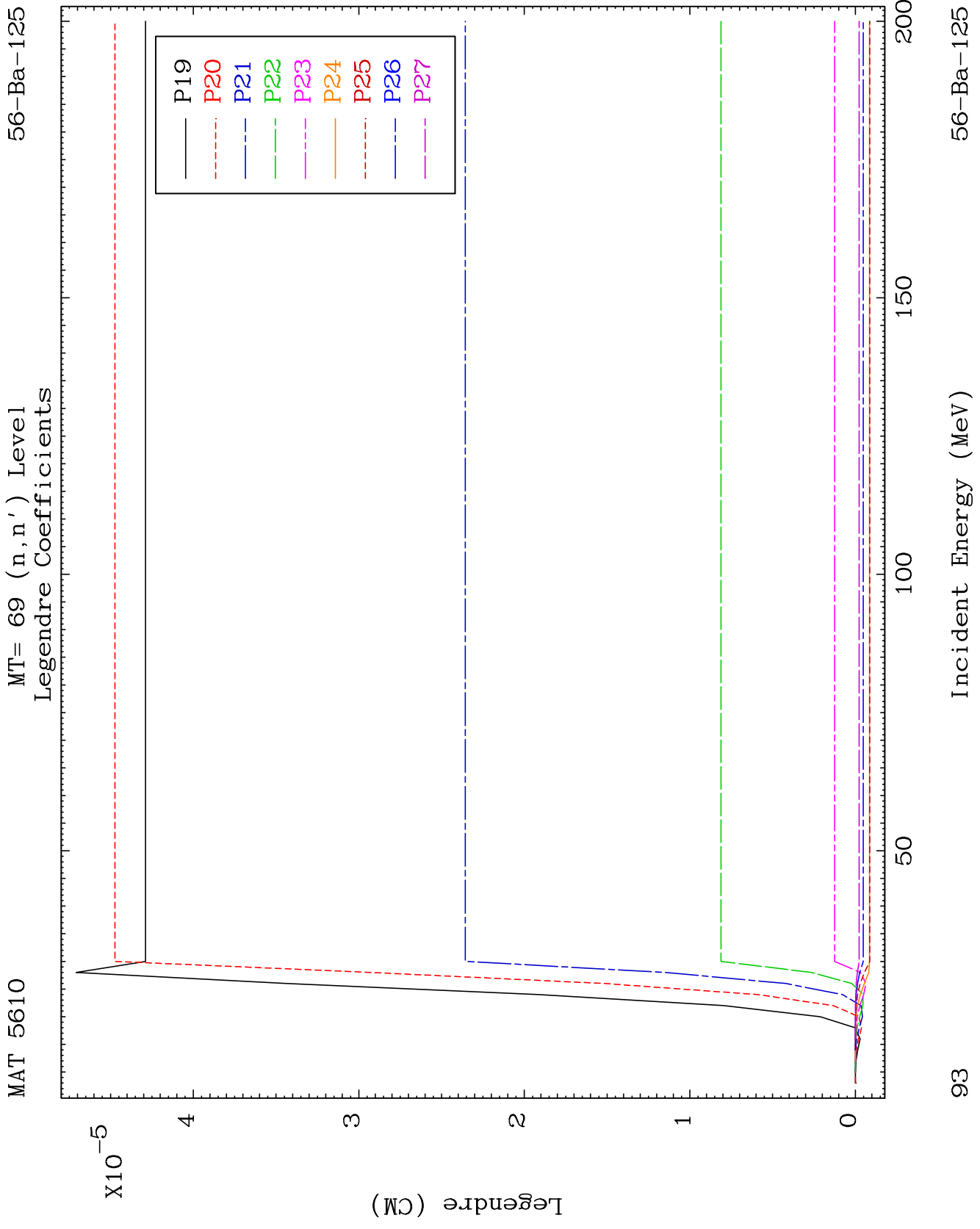
56-Ba-125

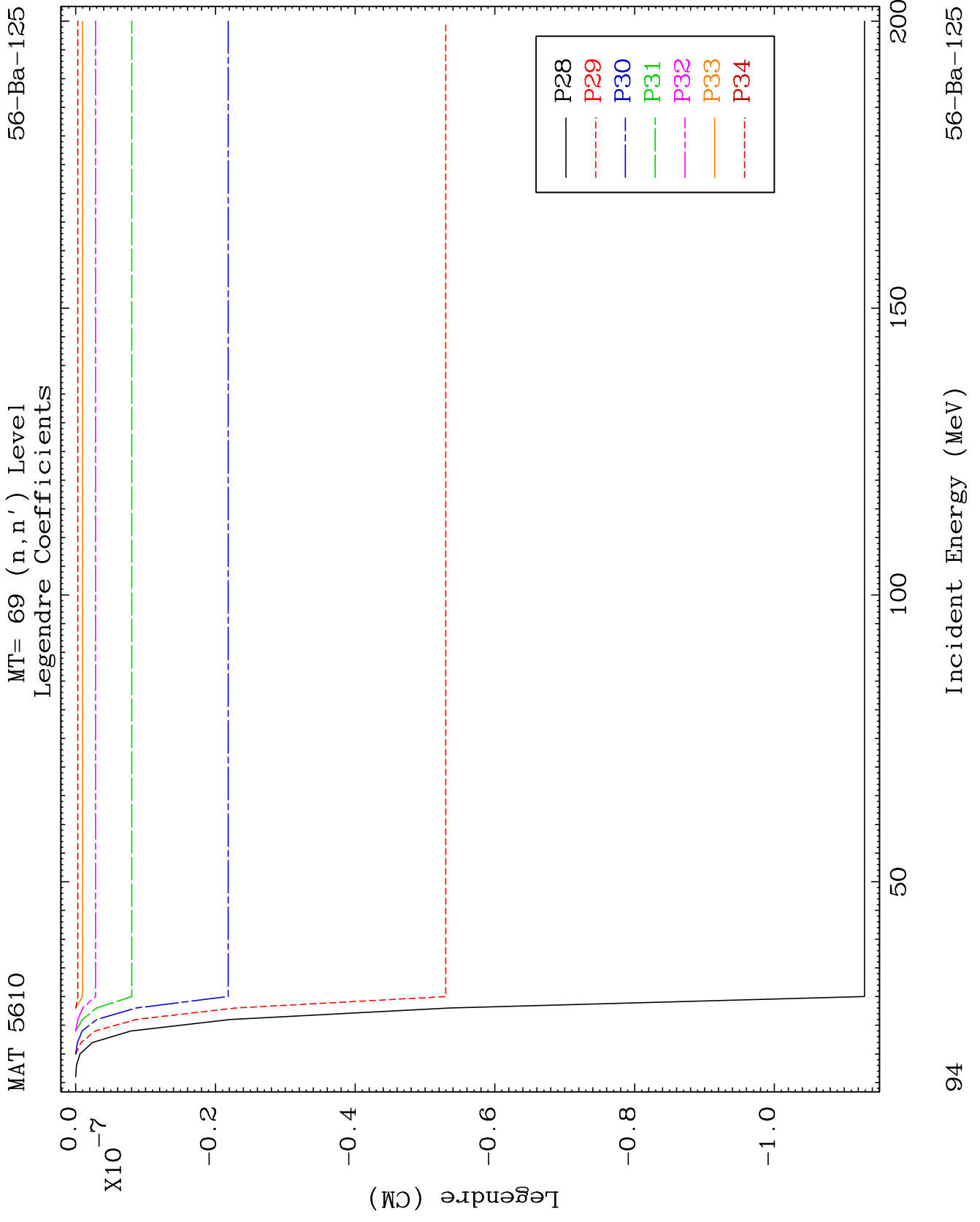


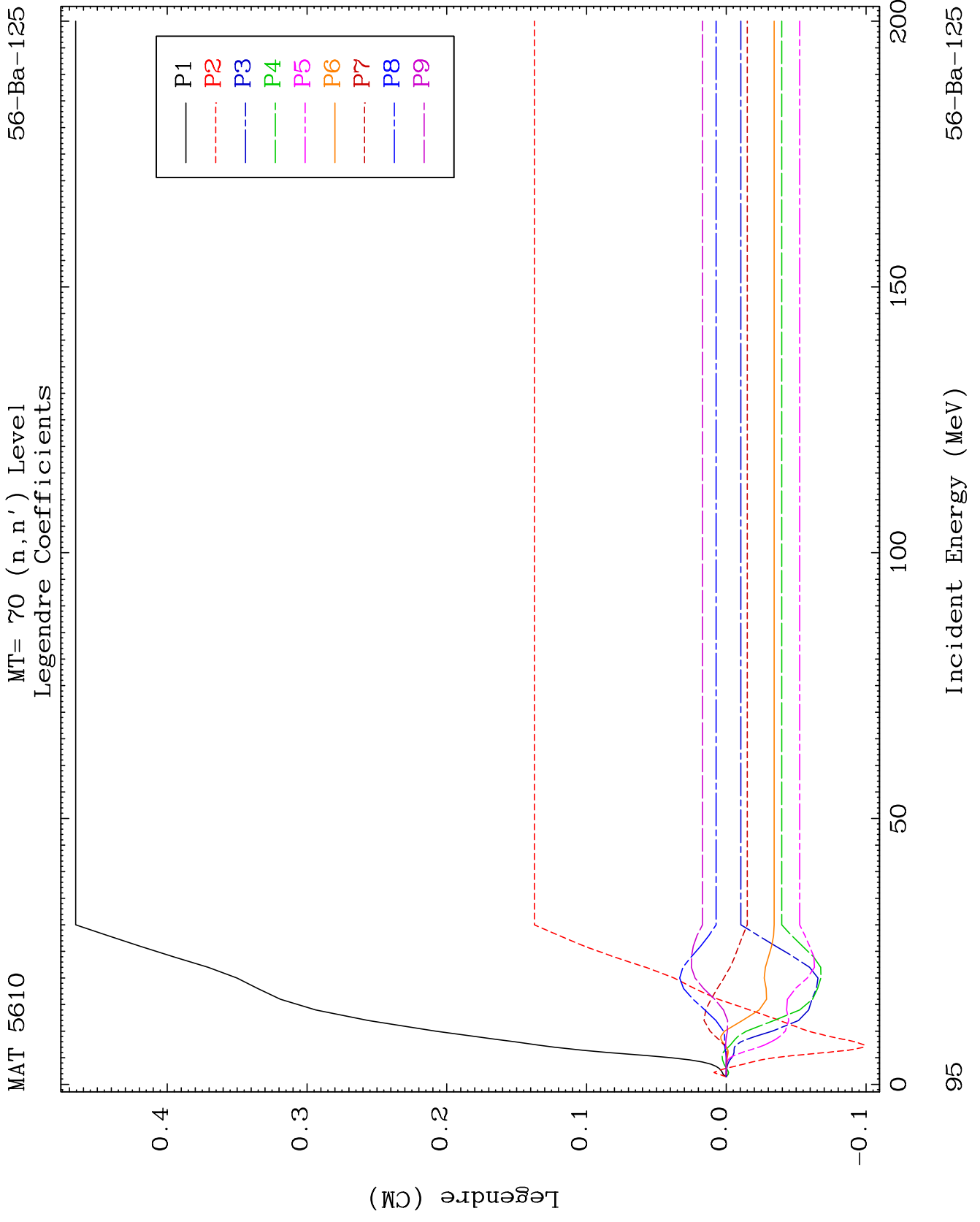
56-Ba-125

Incident Energy (MeV)

92



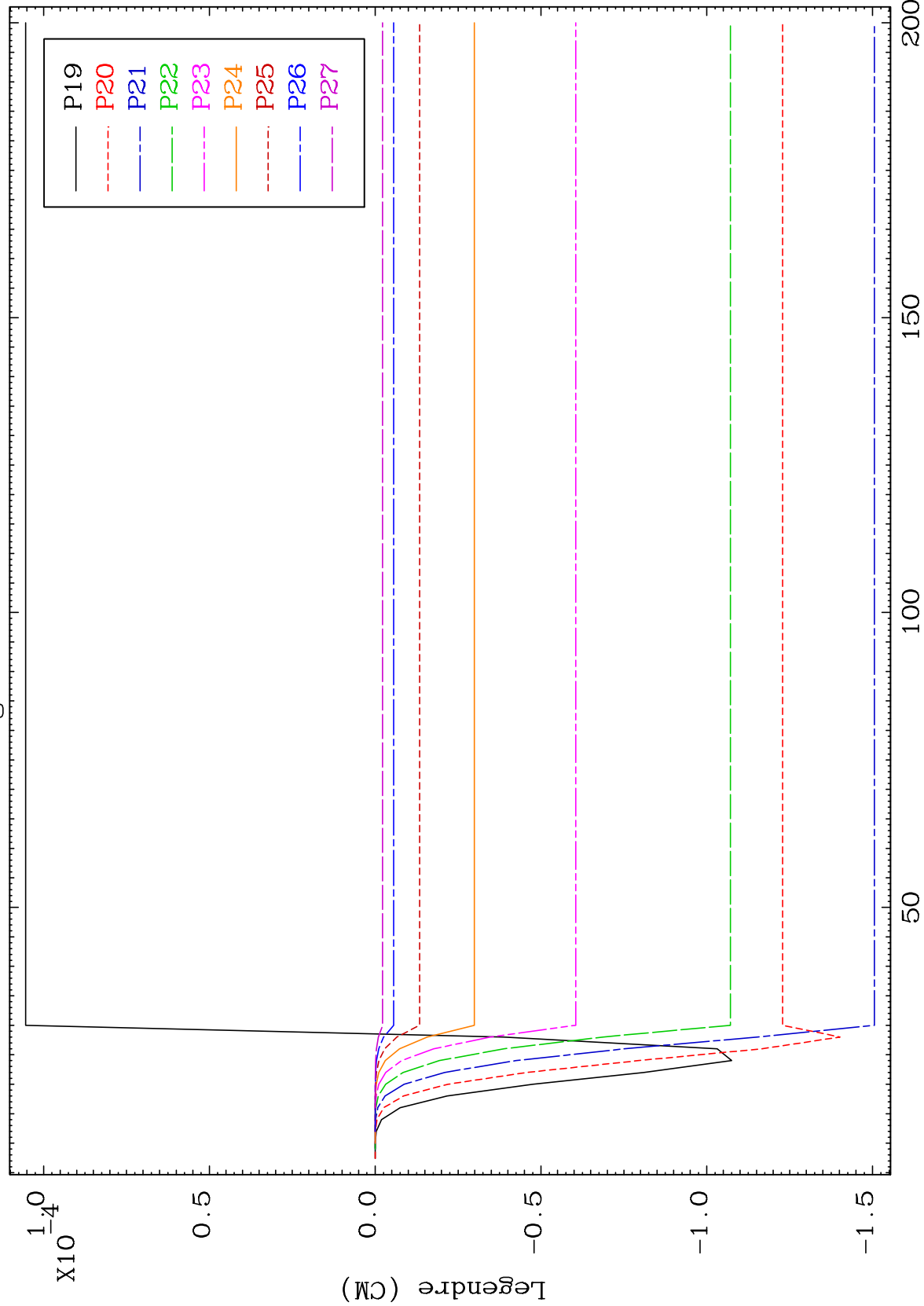


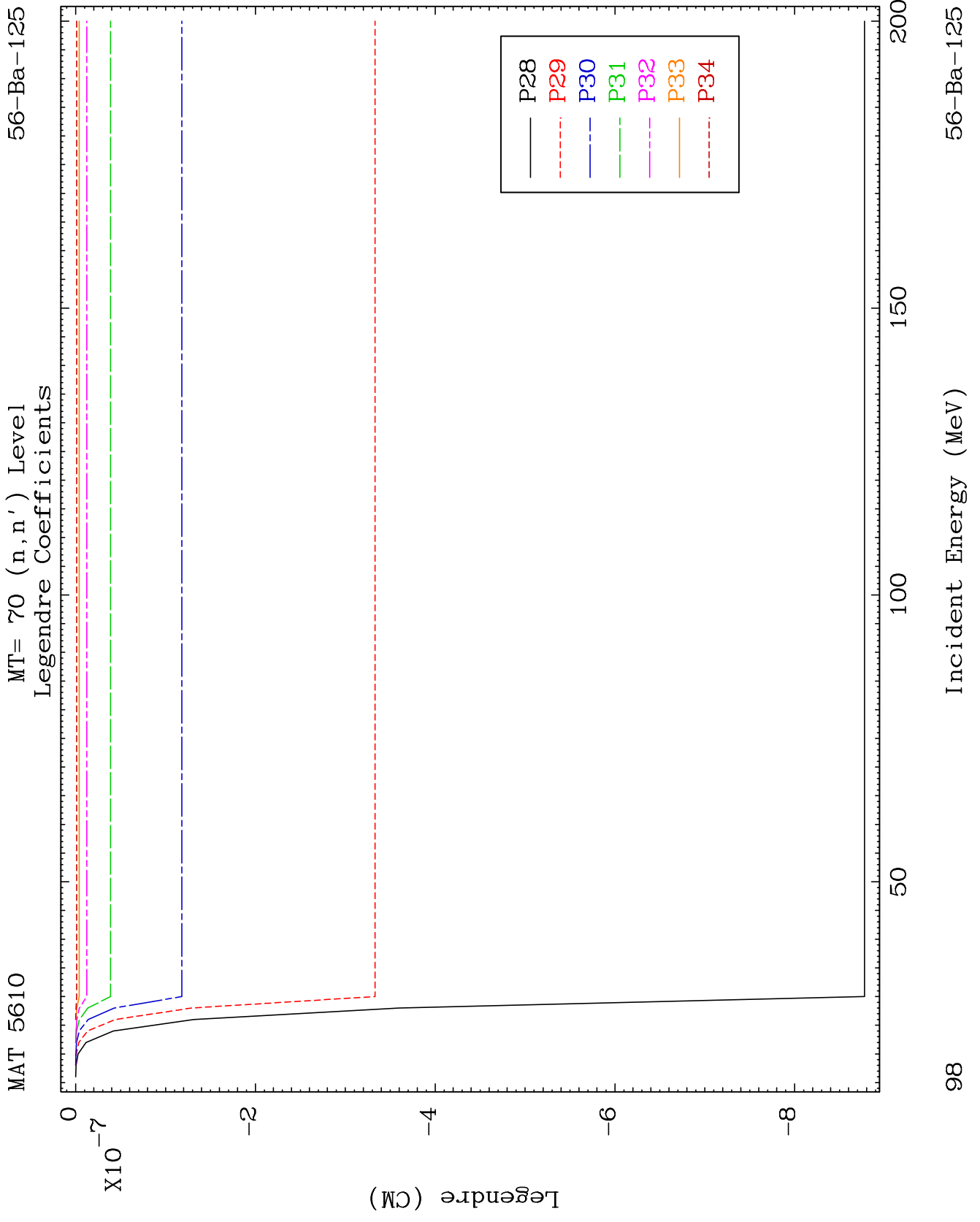


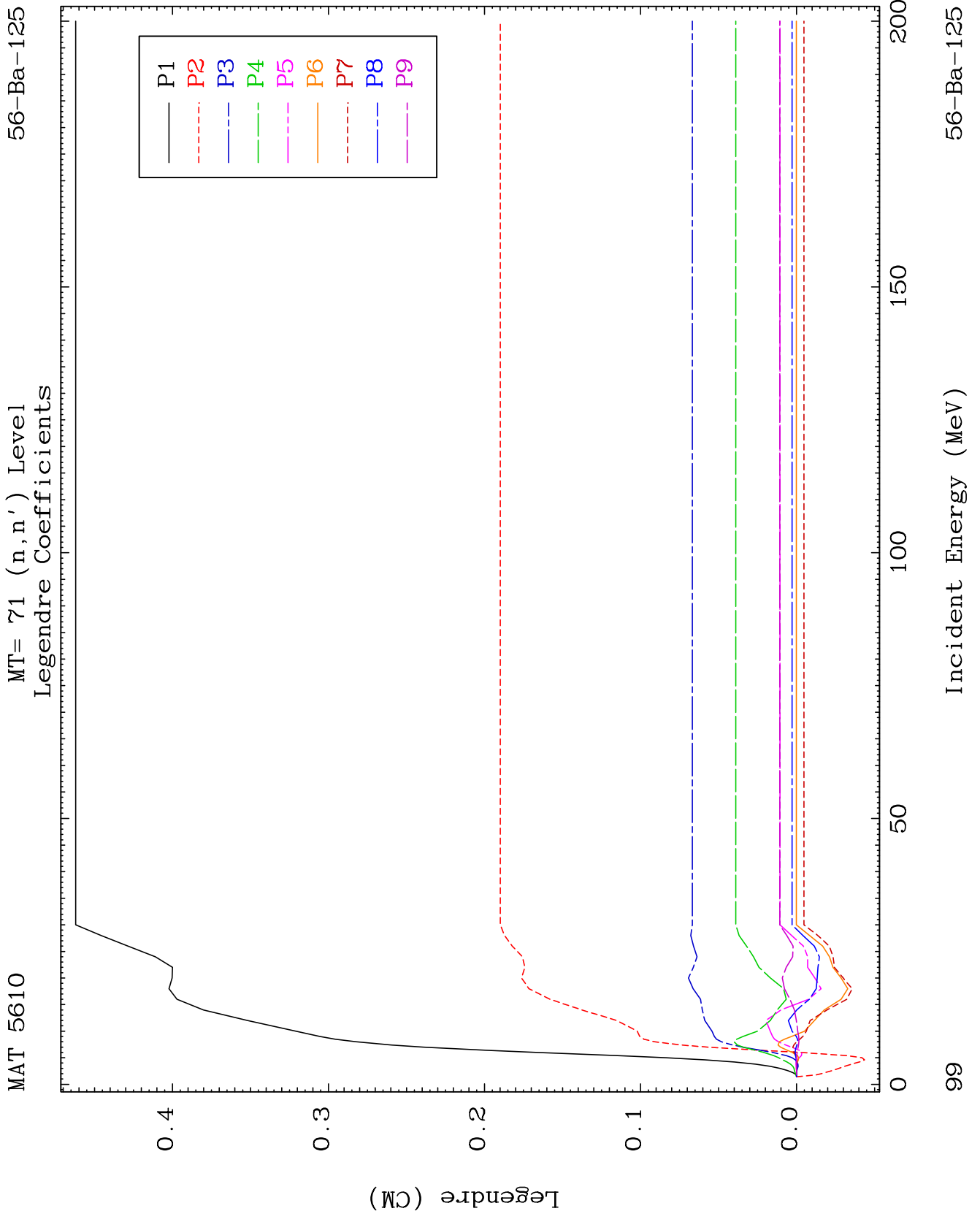
MAT 5610

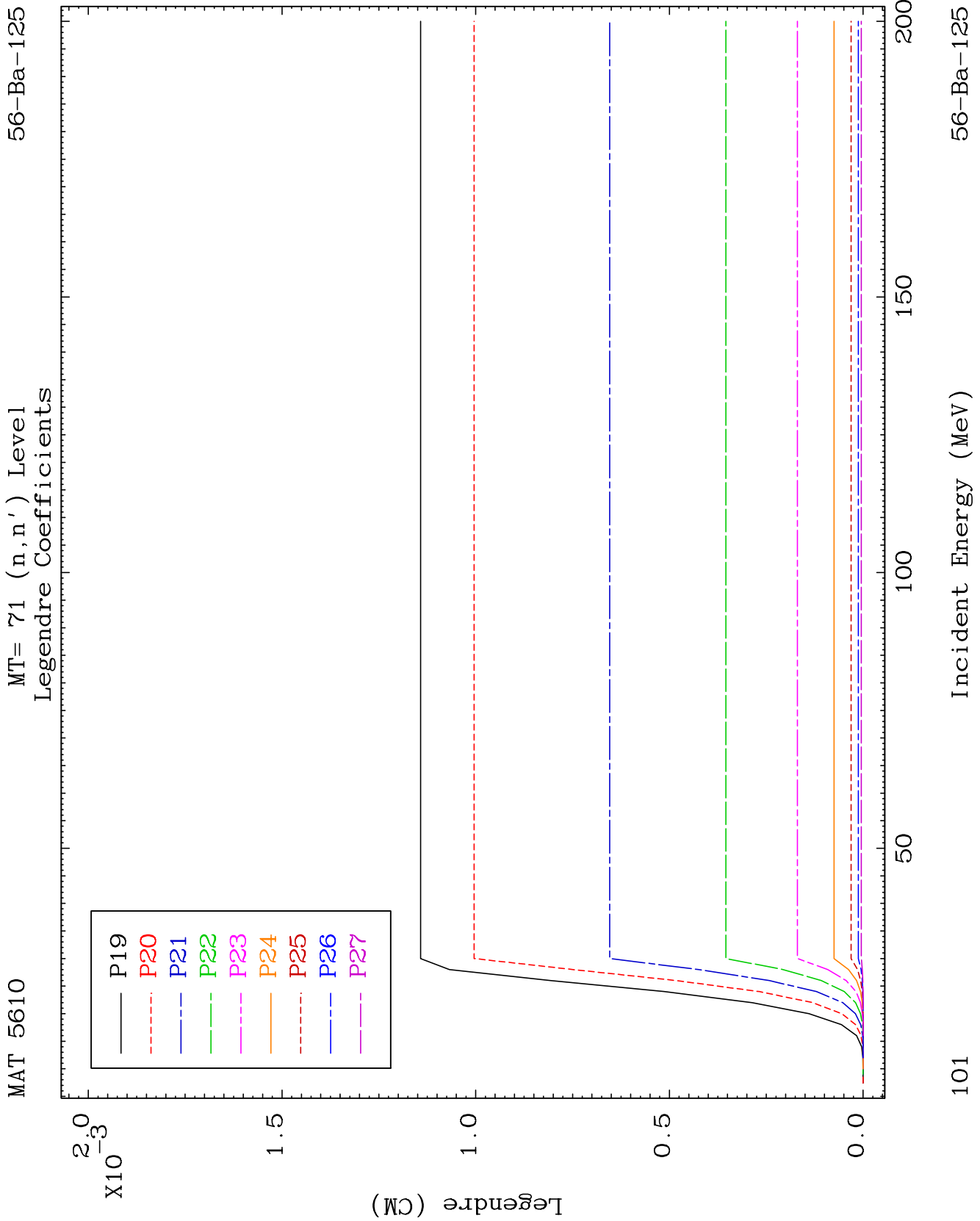
MT= 70 (n,n') Level
Legendre Coefficients

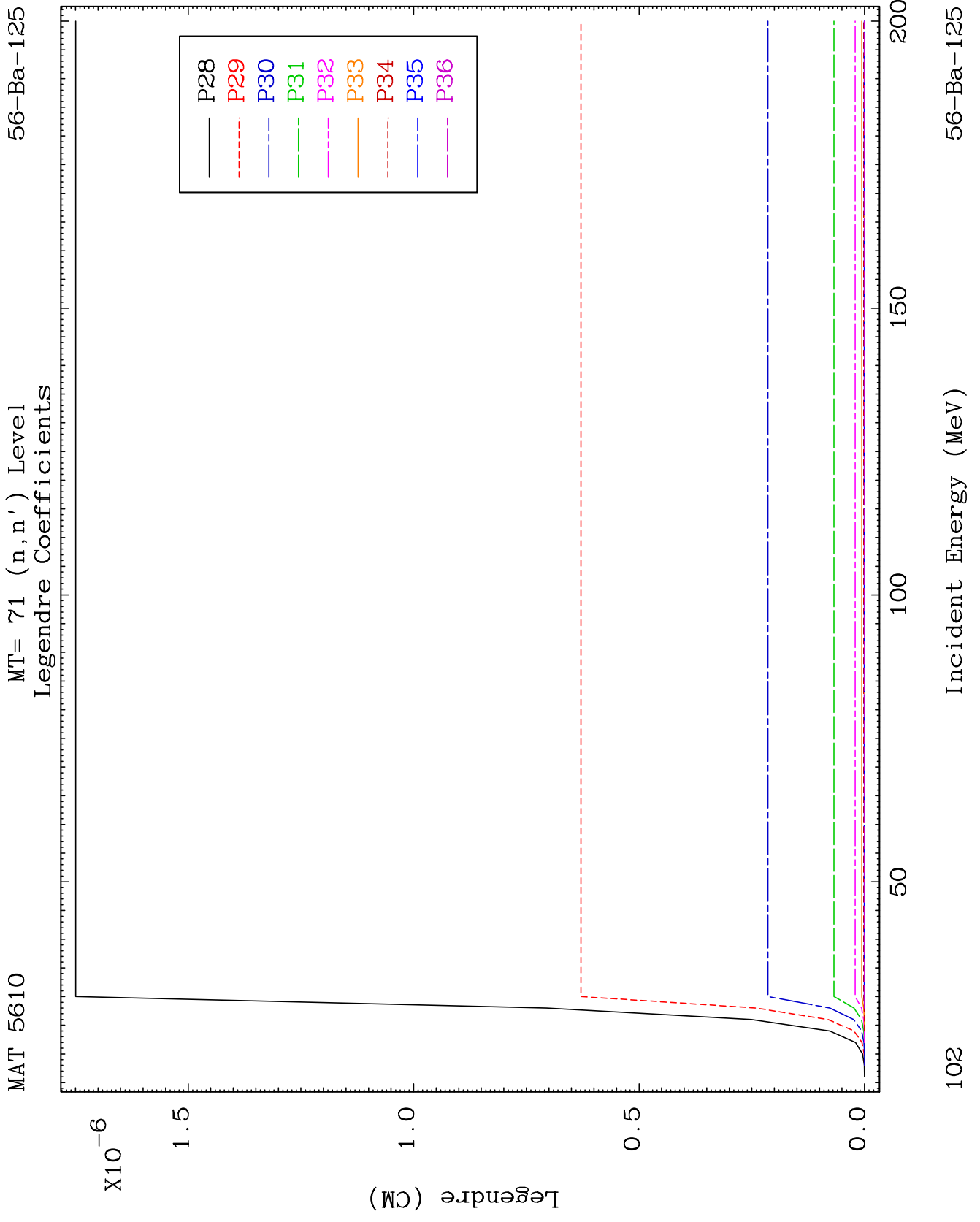
56-Ba-125

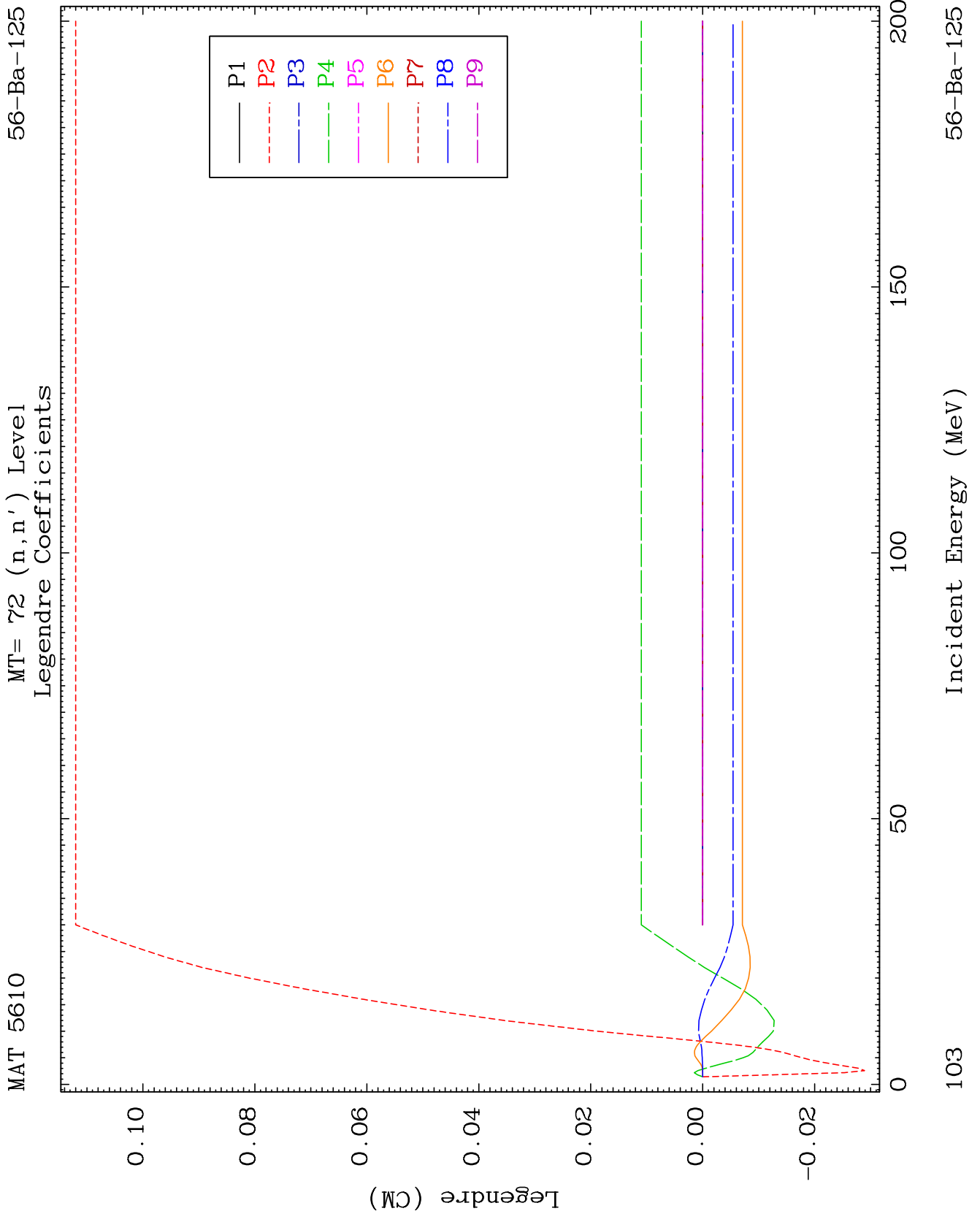


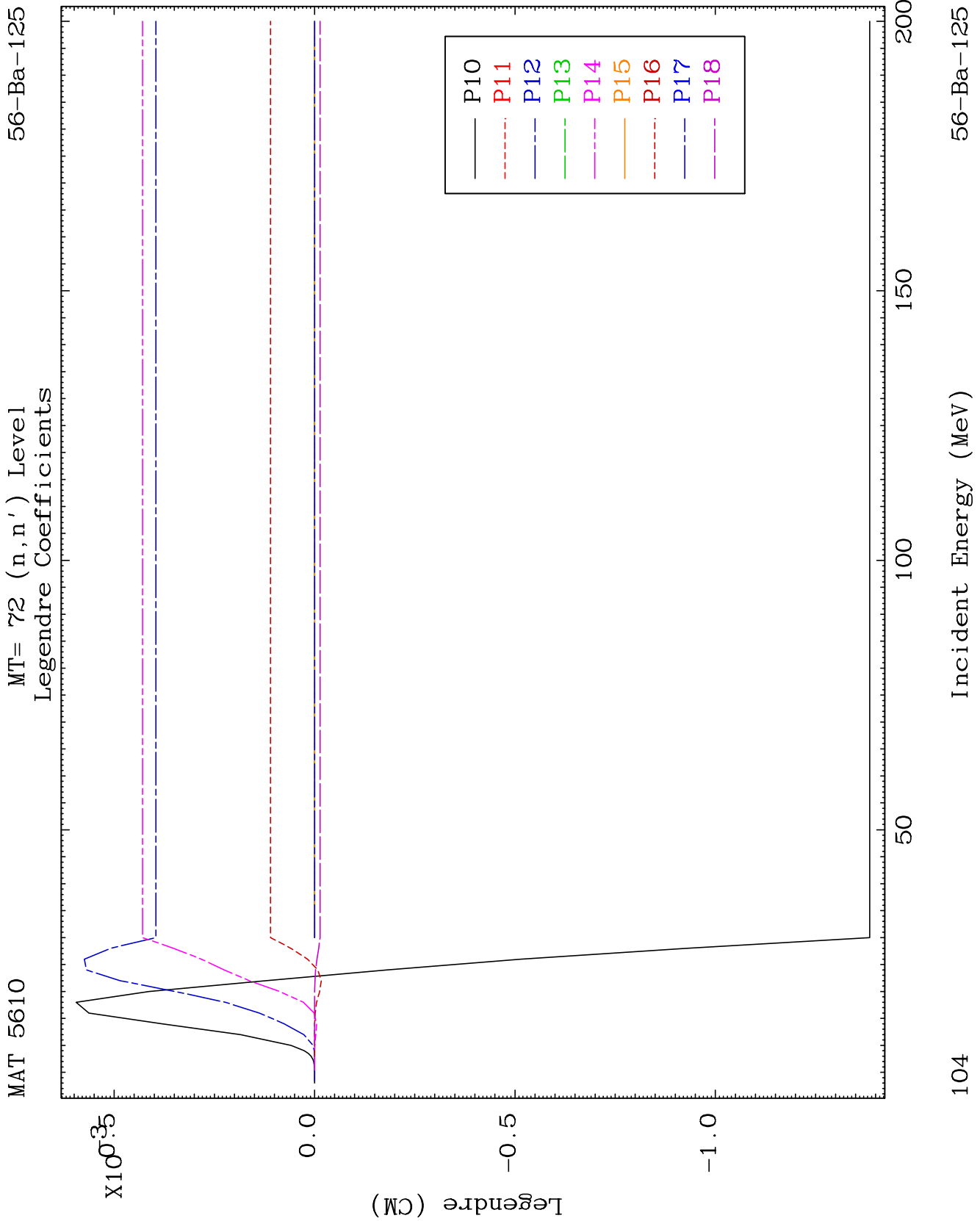








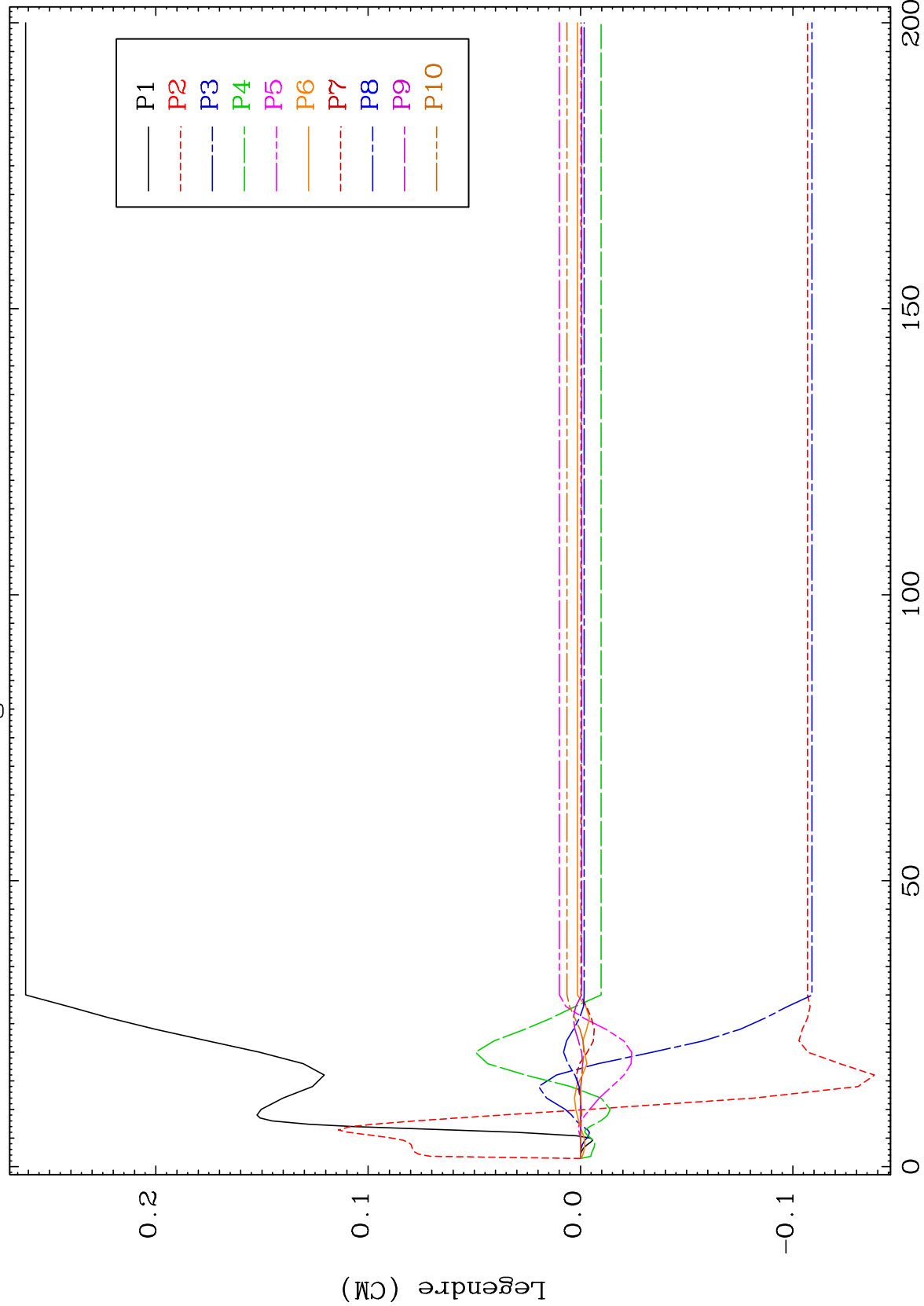




MAT 5610

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

56-Ba-125



56-Ba-125

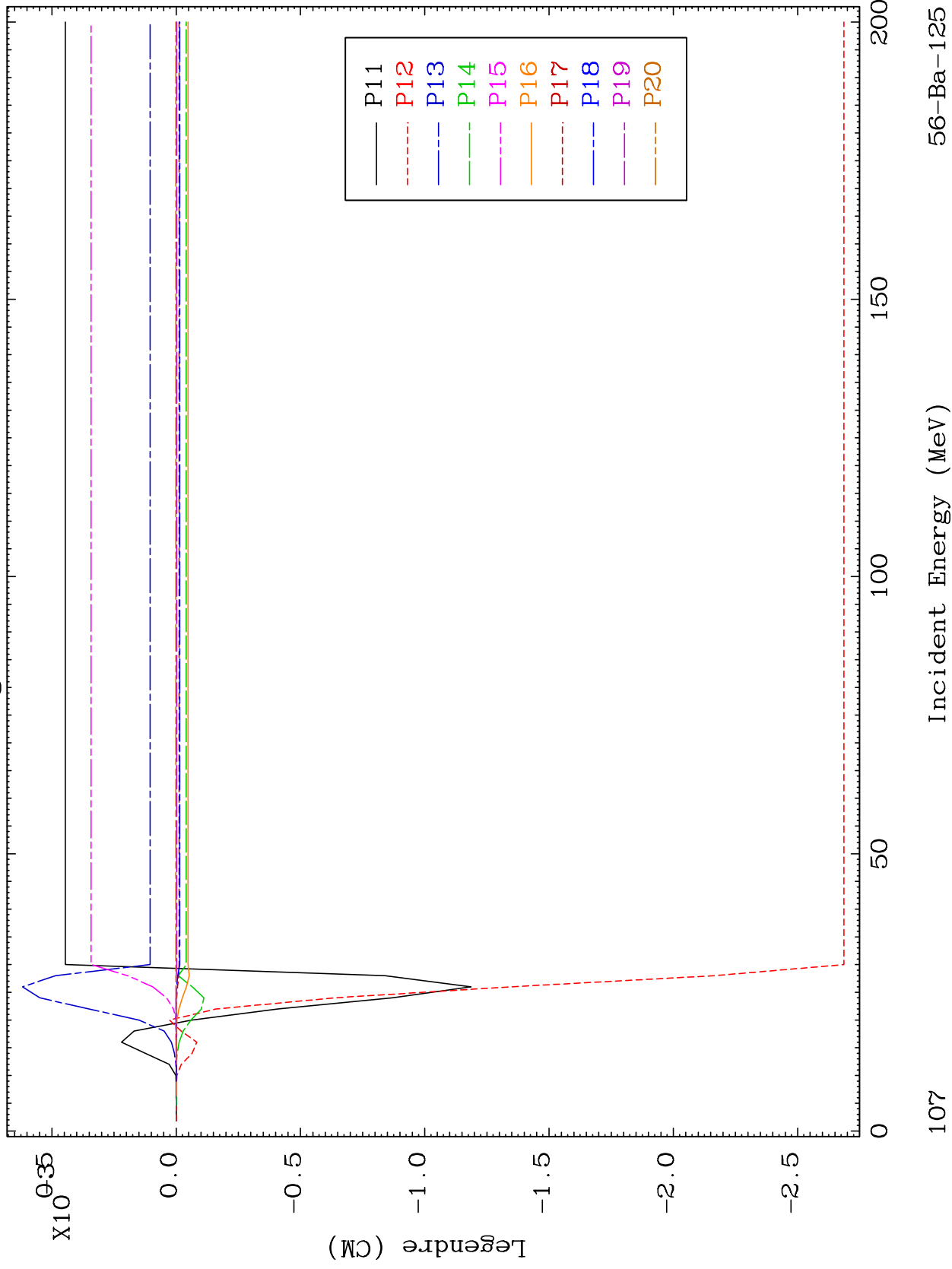
Incident Energy (MeV)

106

MAT 5610

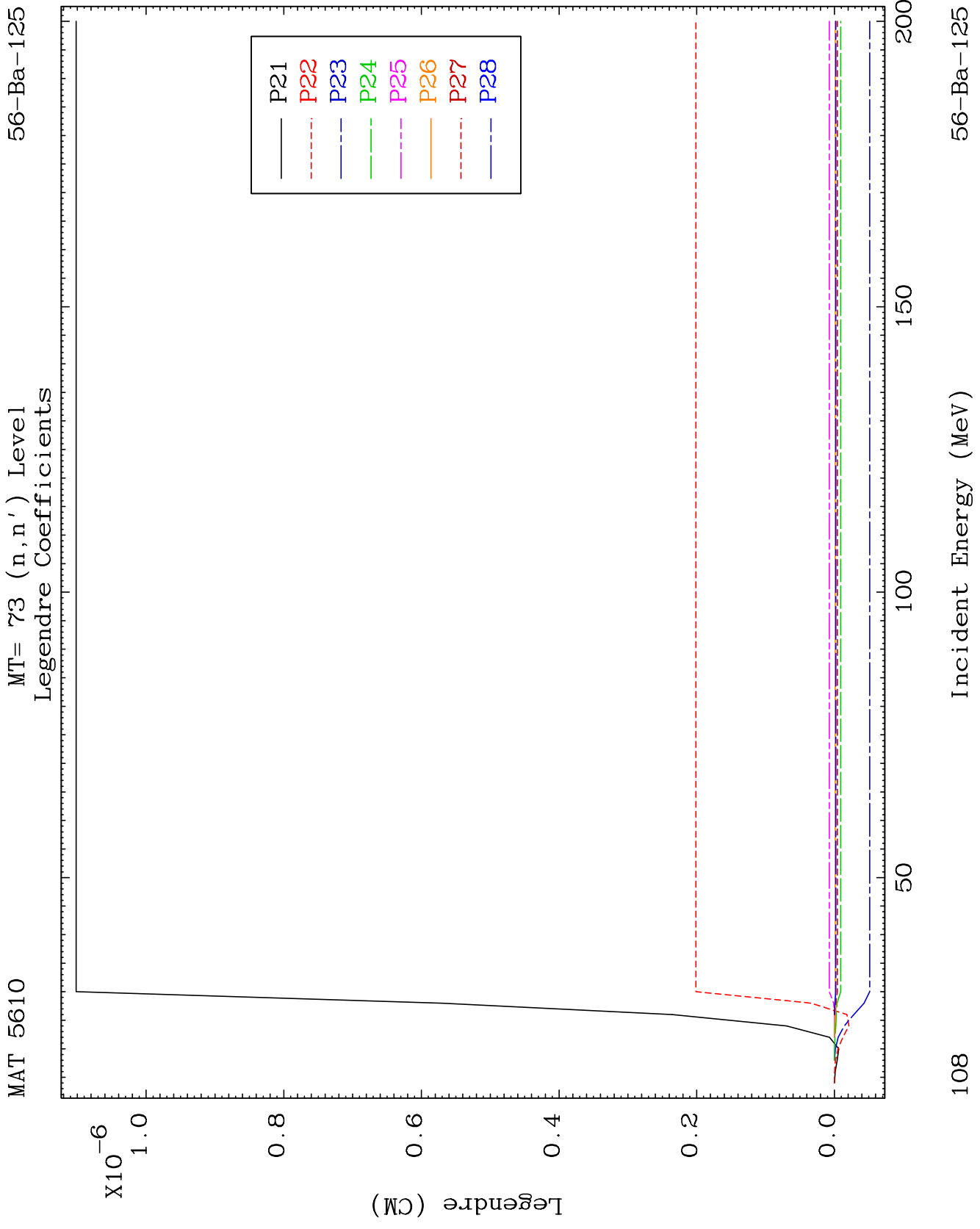
MT= 73 (n,n') Level
Legendre Coefficients

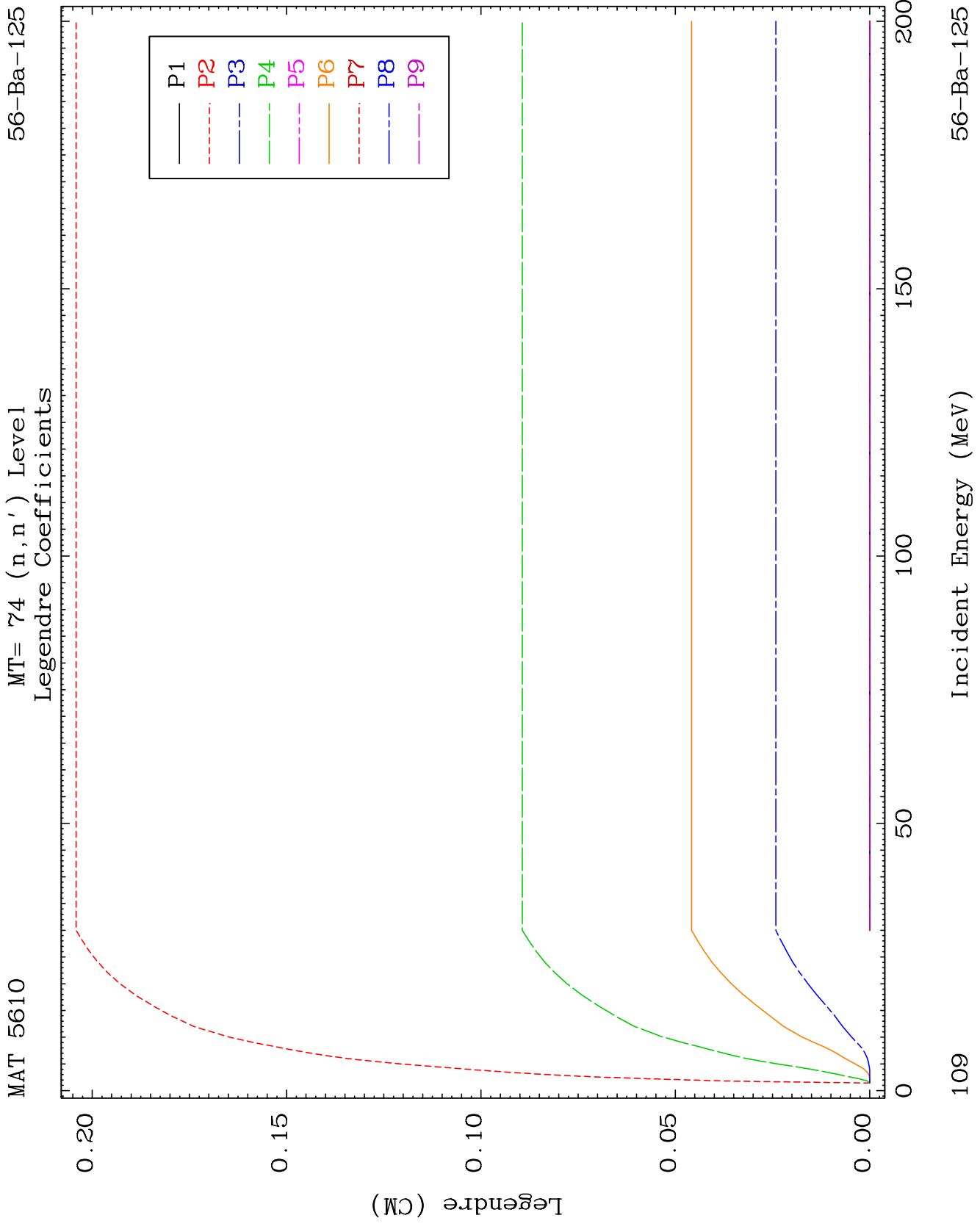
56-Ba-125



107

56-Ba-125

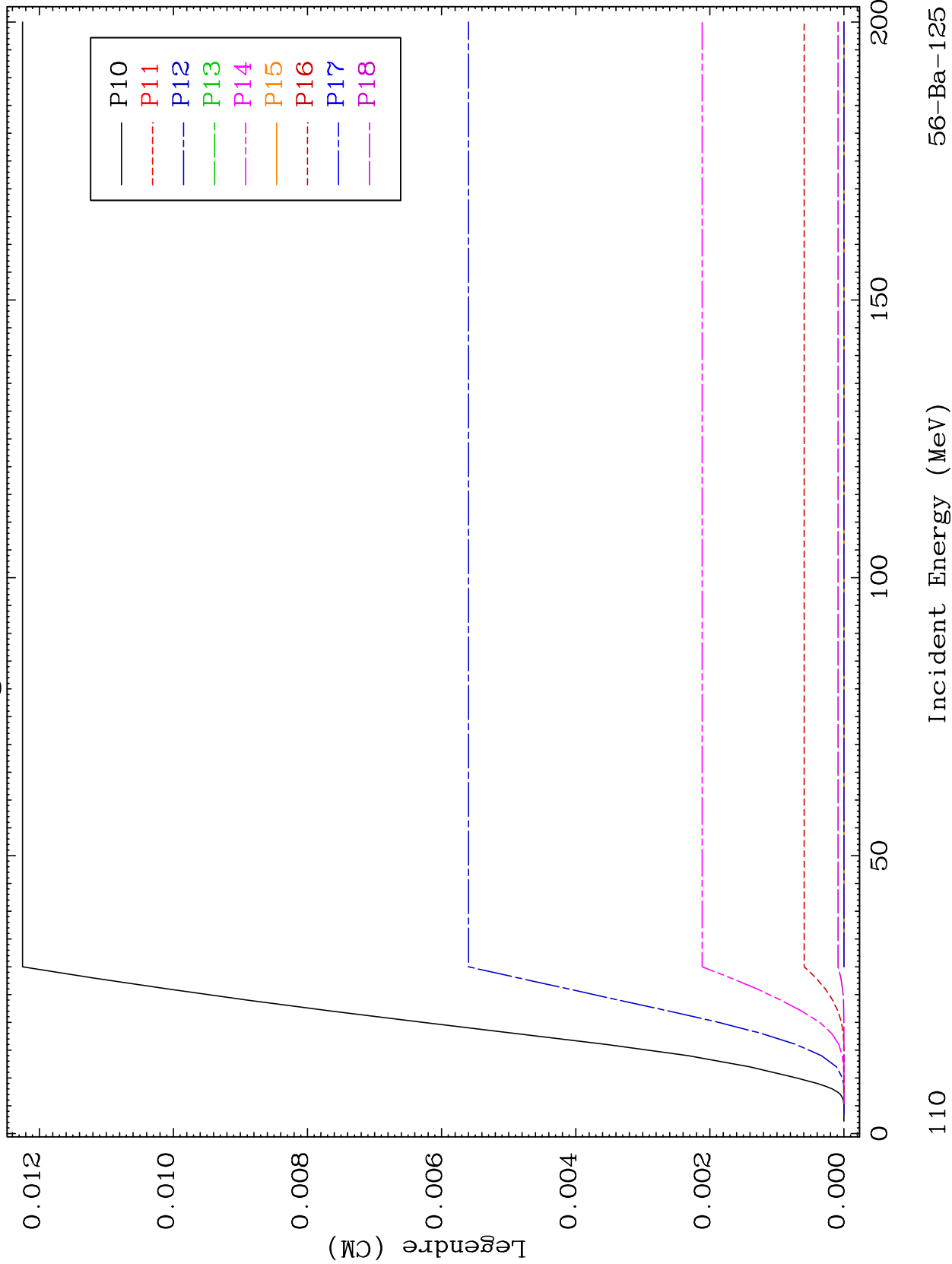


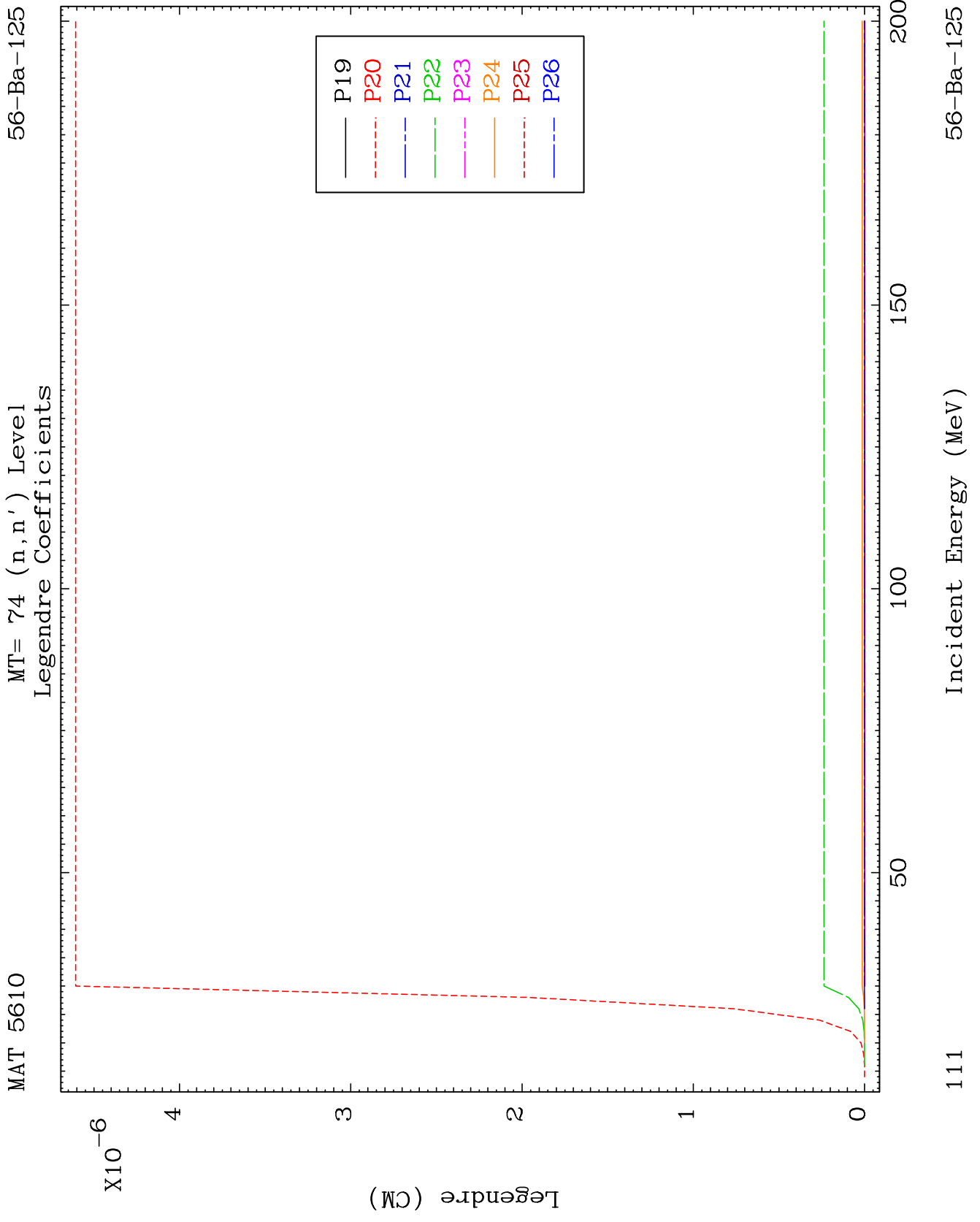


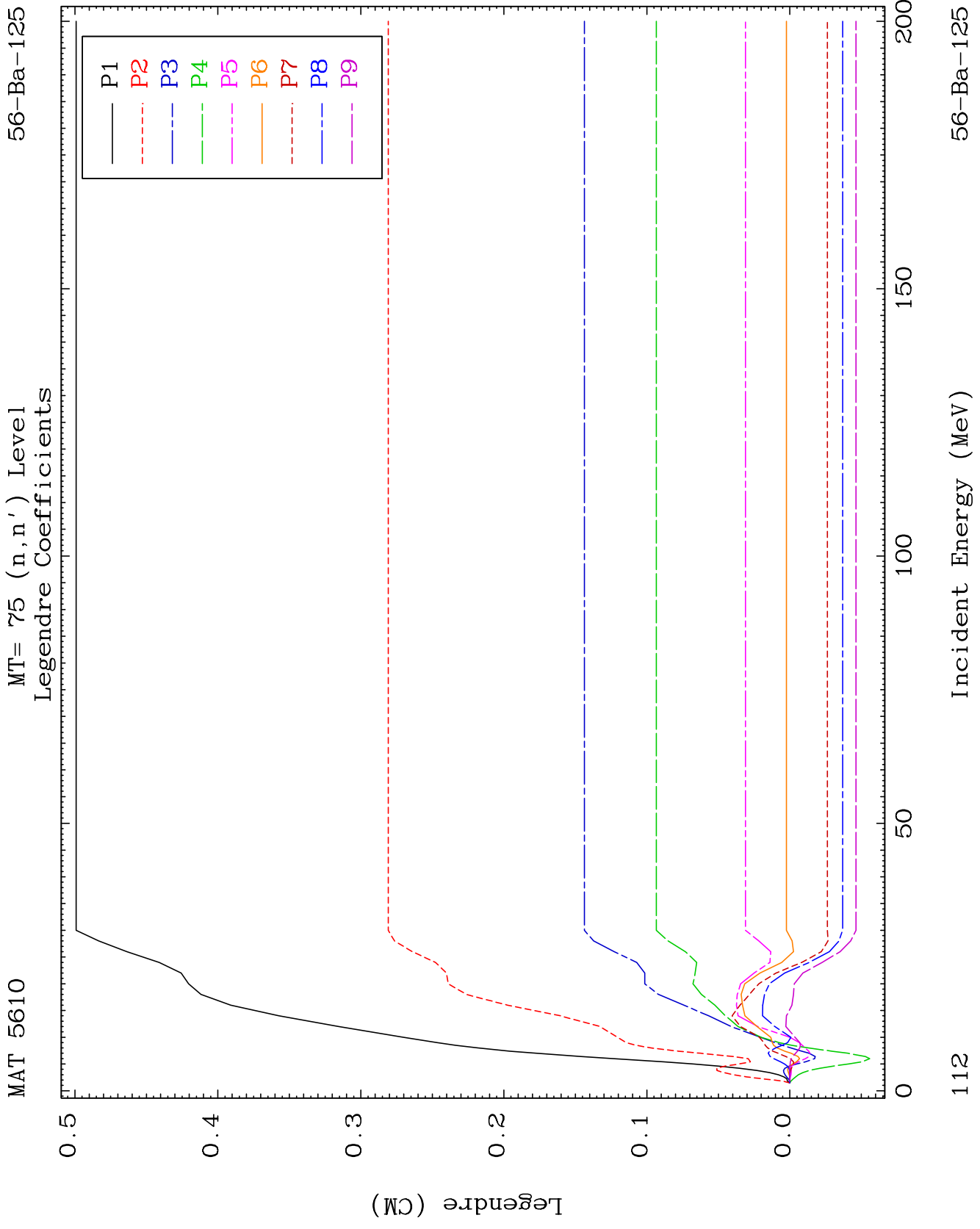
MAT 5610

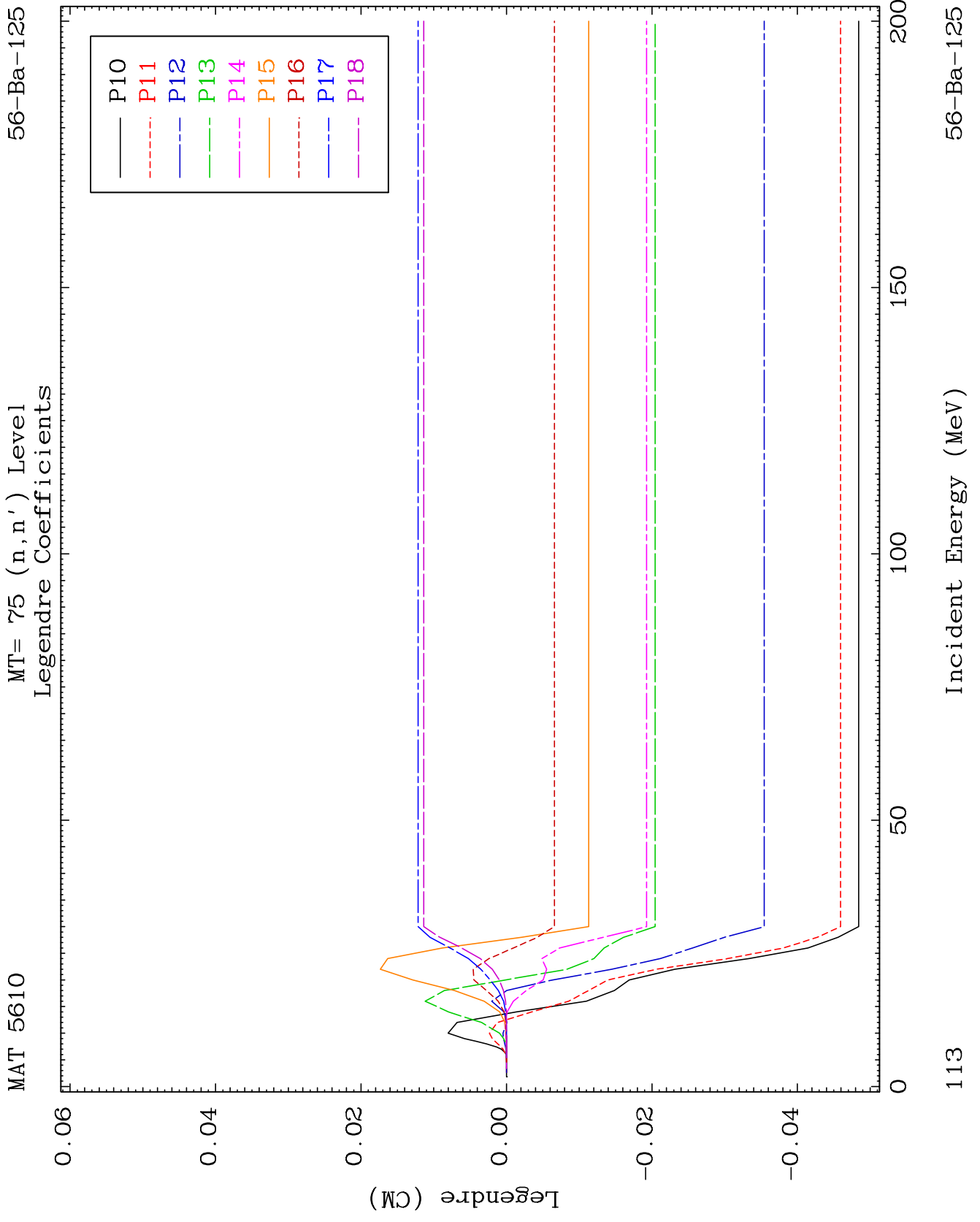
MT= 74 (n,n') Level
Legendre Coefficients

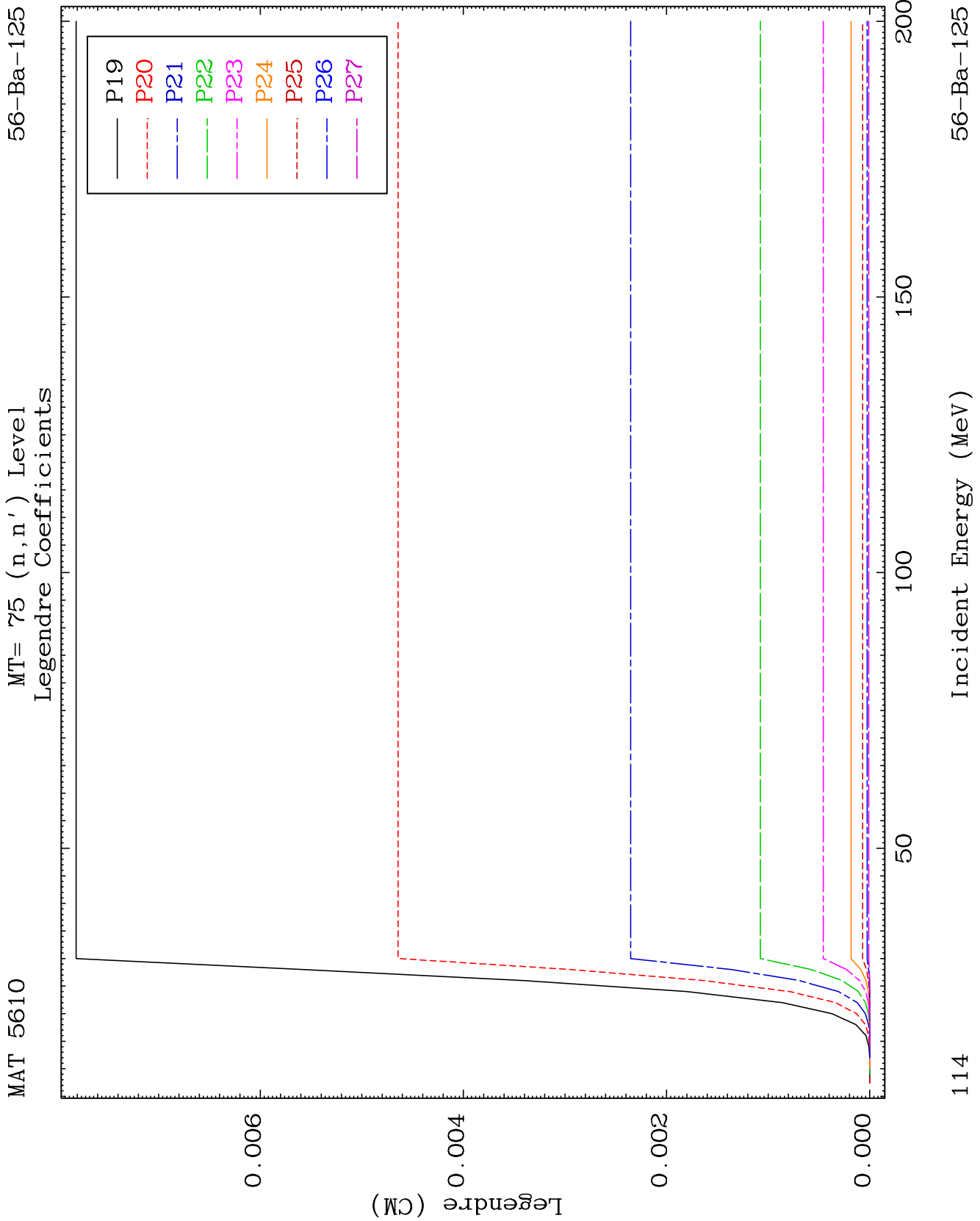
56-Ba-125

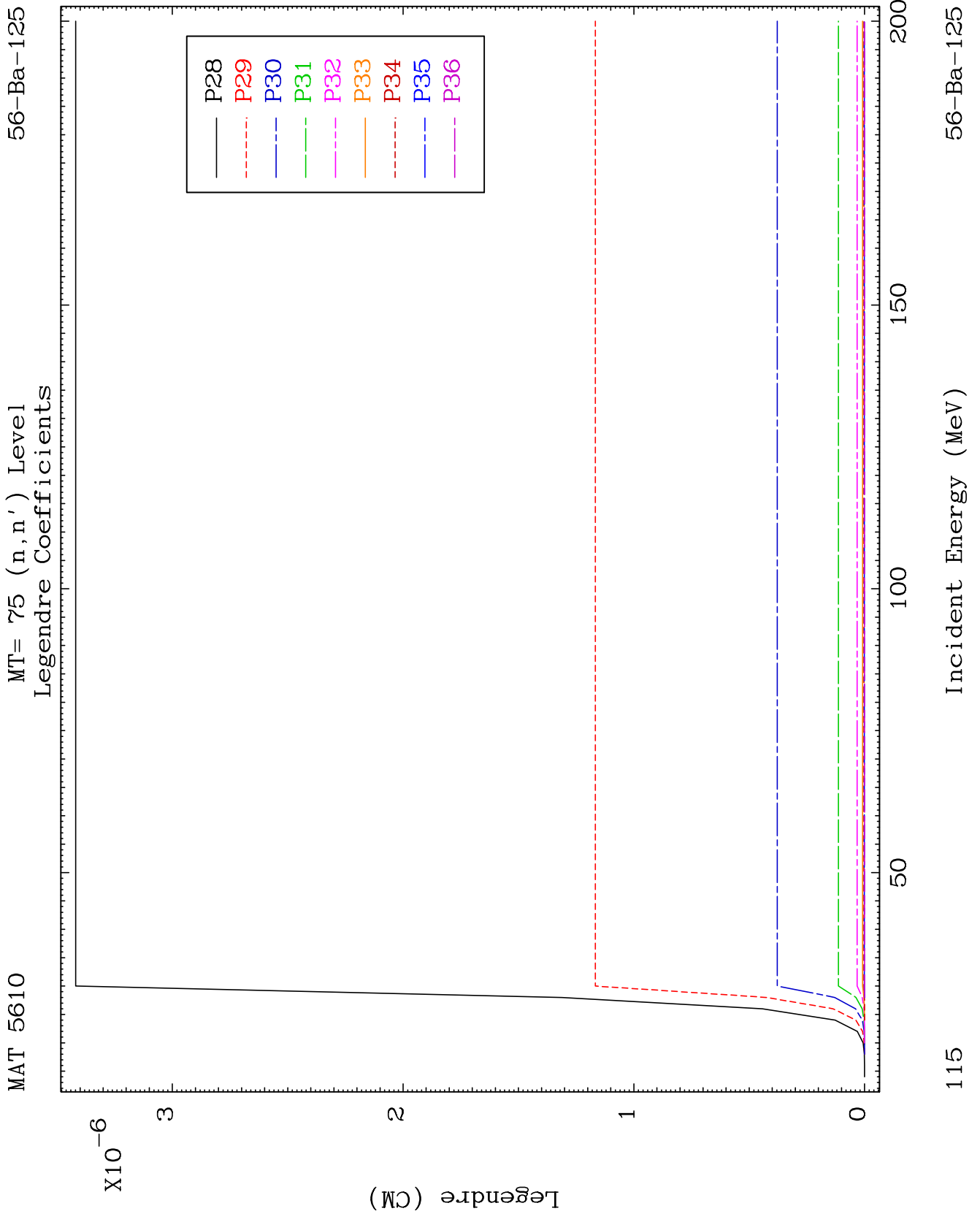


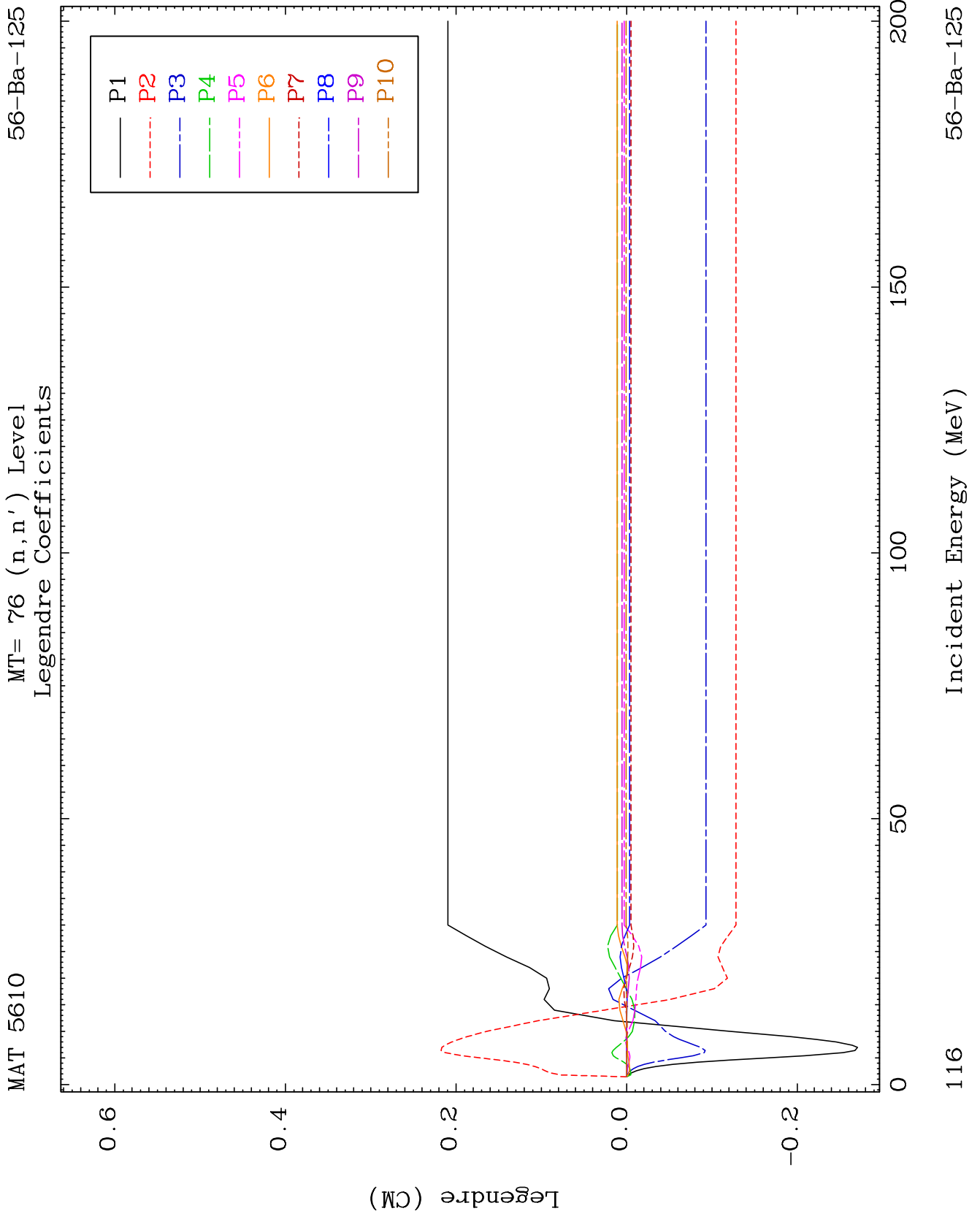








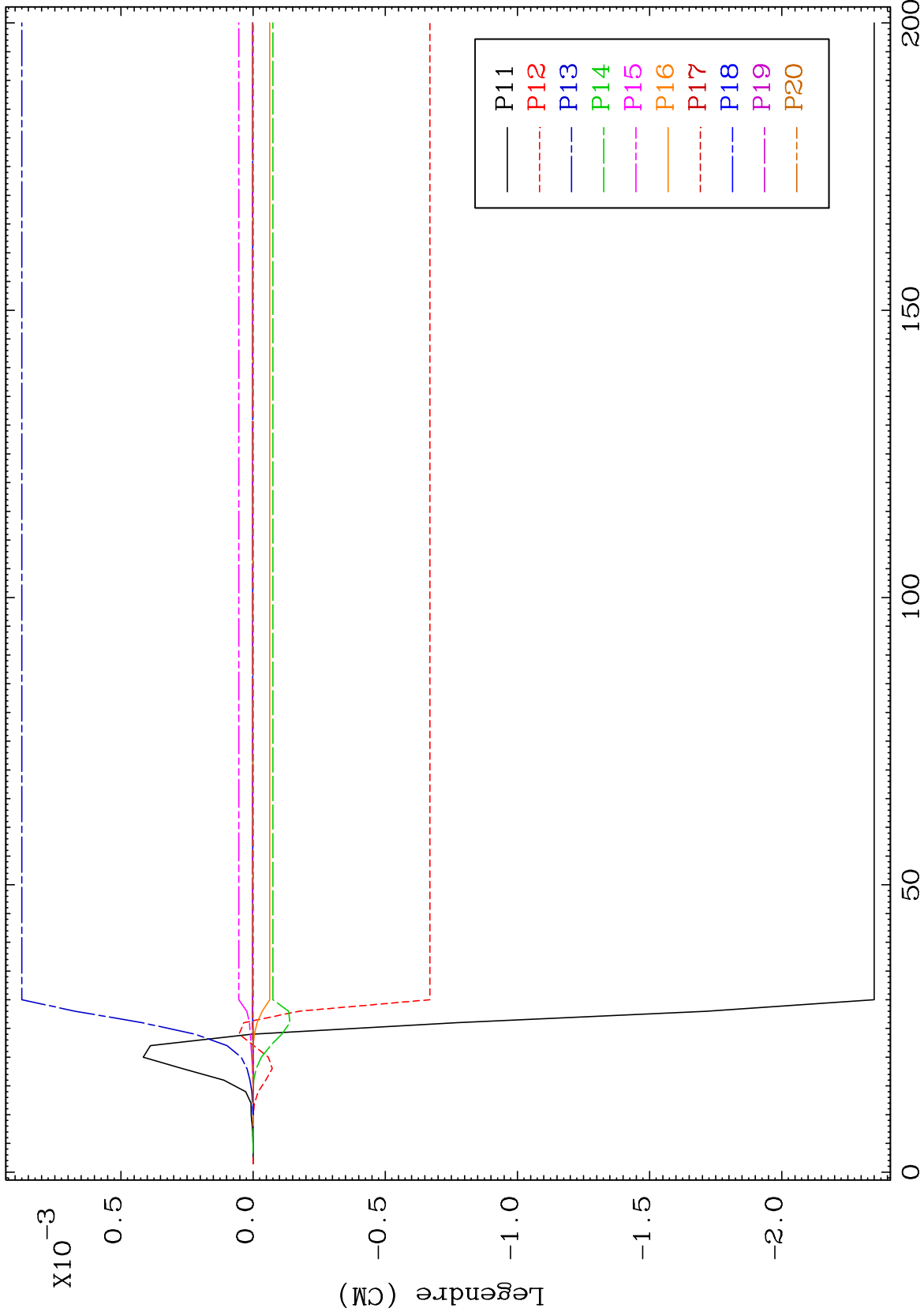




MAT 5610

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

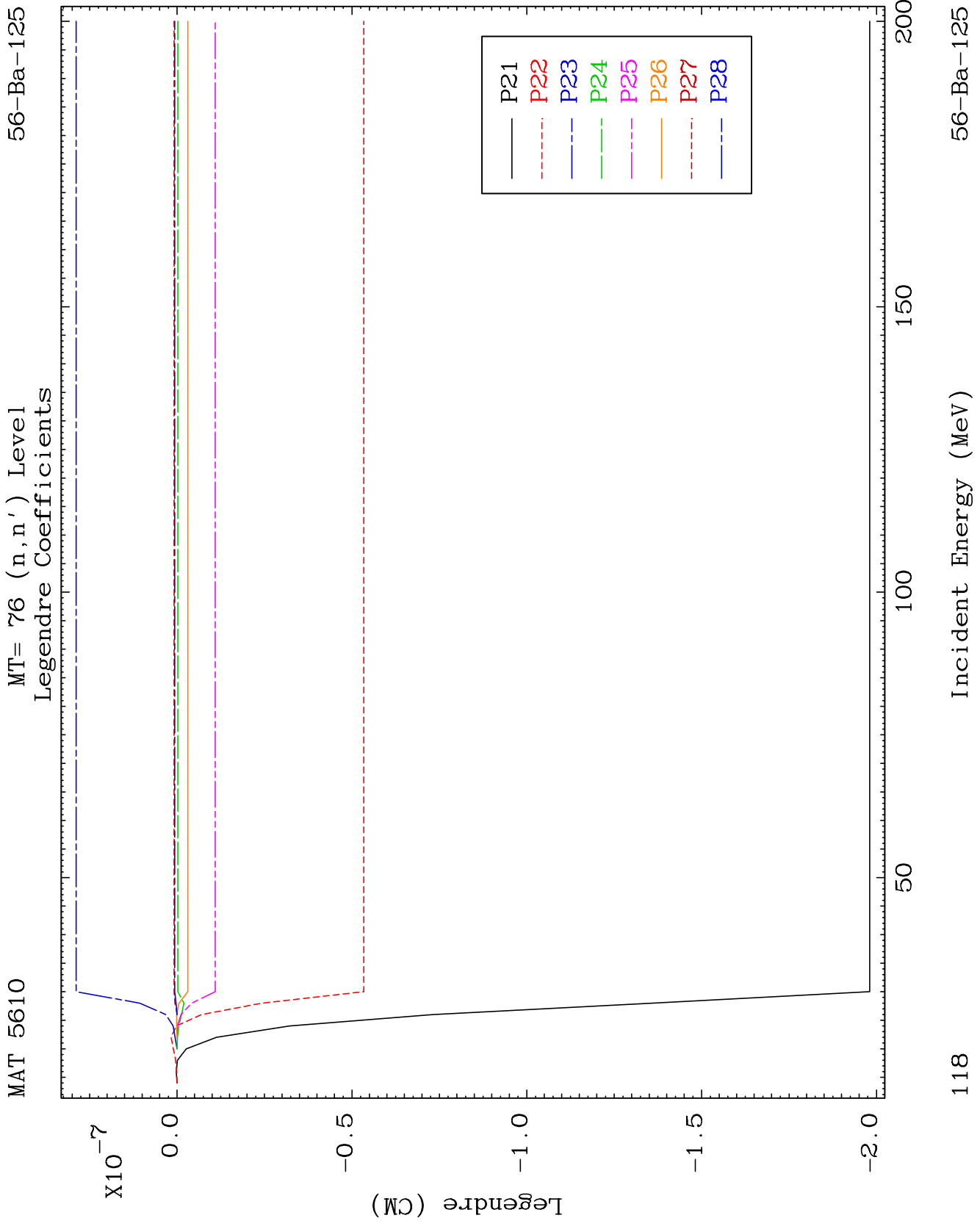
56-Ba-125



117

Incident Energy (MeV)

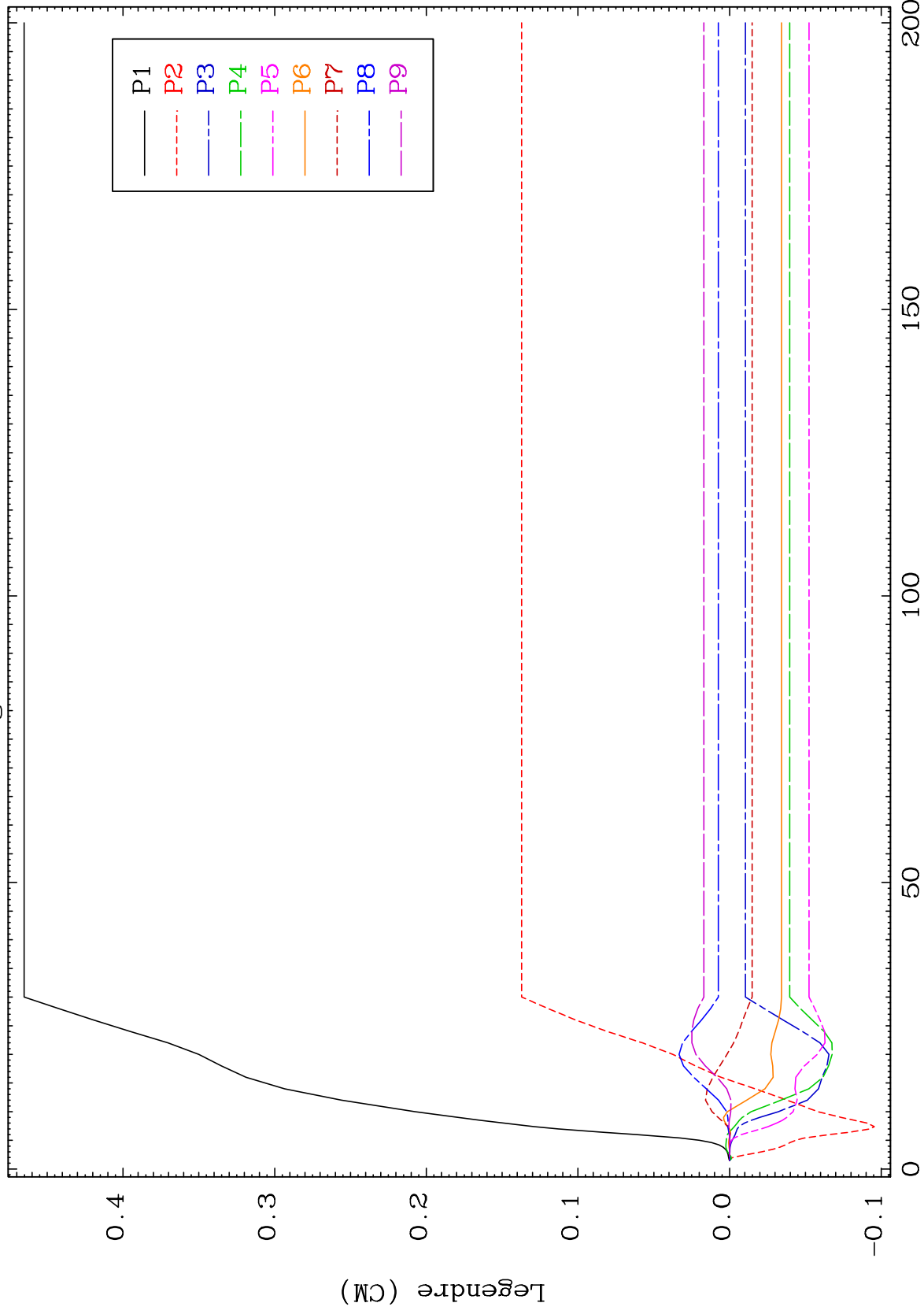
56-Ba-125



MAT 5610

MT= 77 (n,n') Level
Legendre Coefficients

56-Ba-125



119

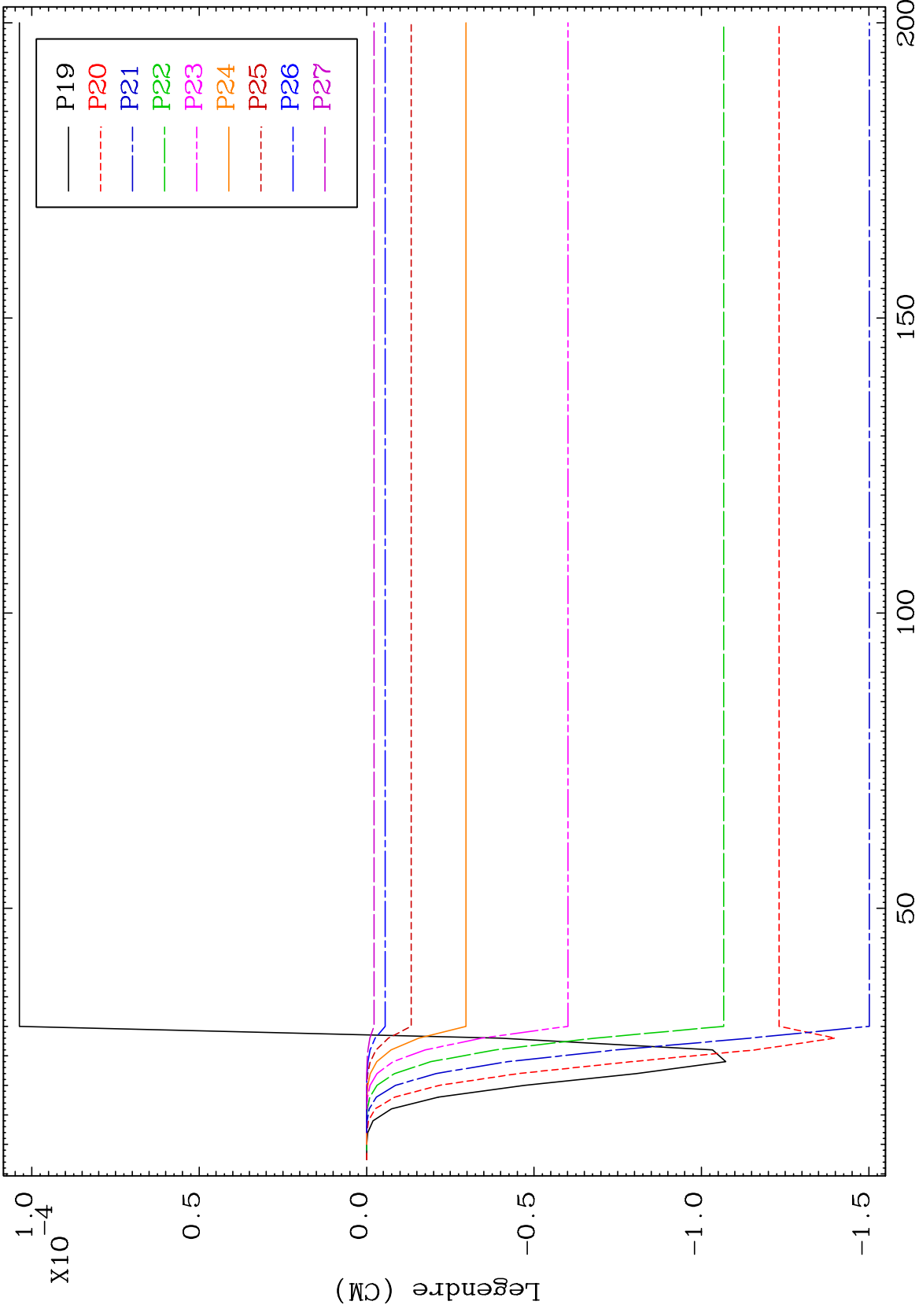
Incident Energy (MeV)

56-Ba-125

MAT 5610

MT= 77 (n,n') Level
Legendre Coefficients

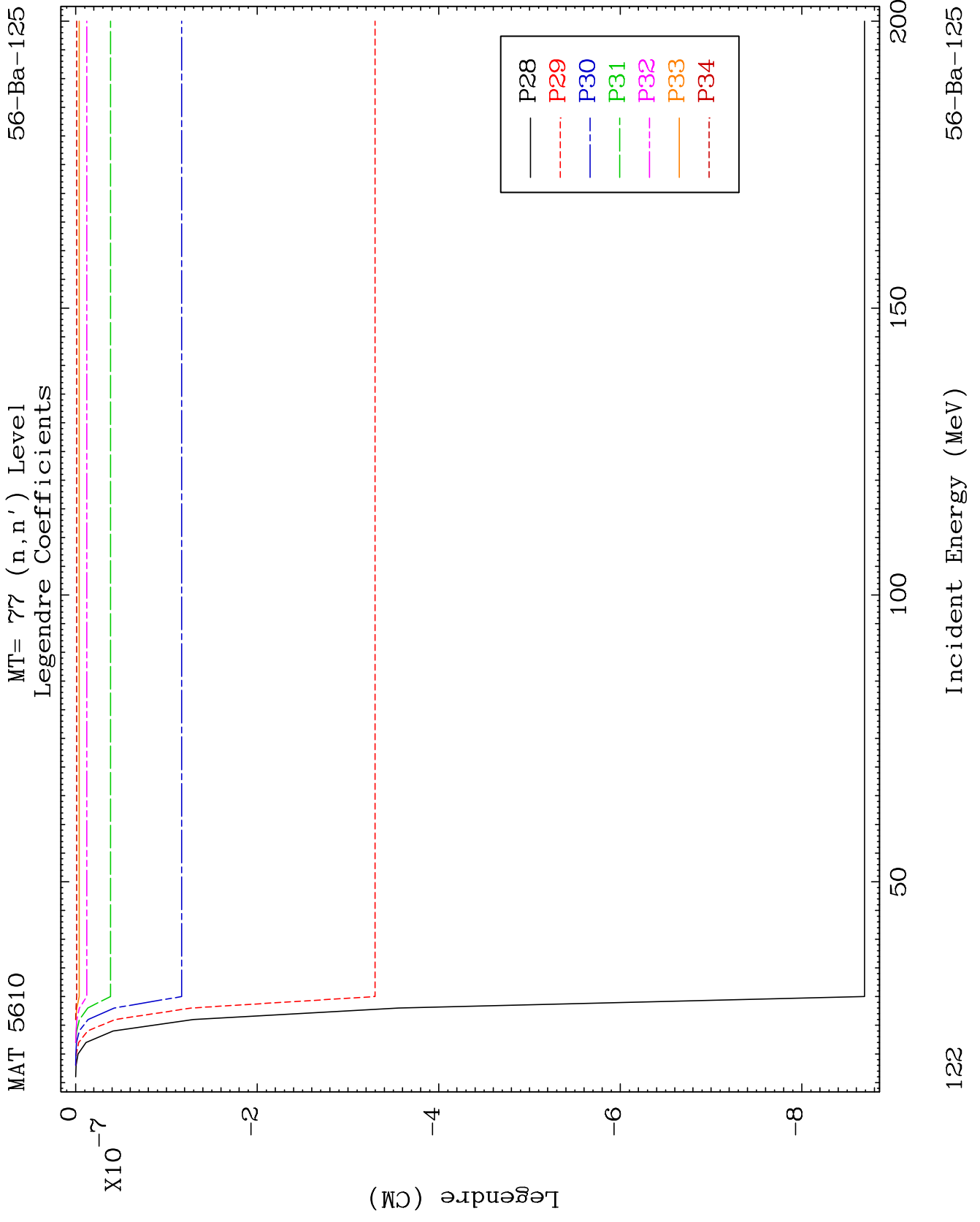
56-Ba-125

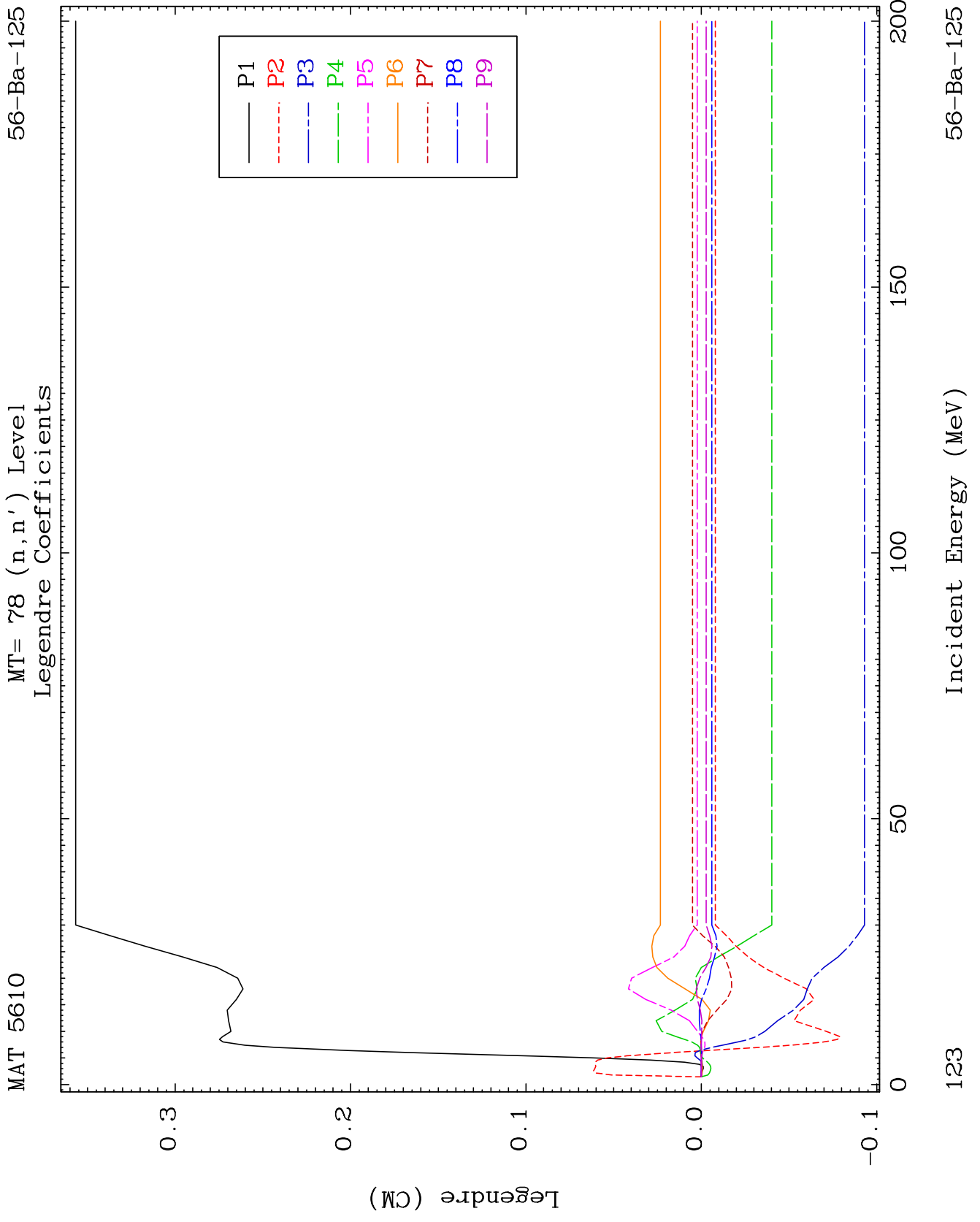


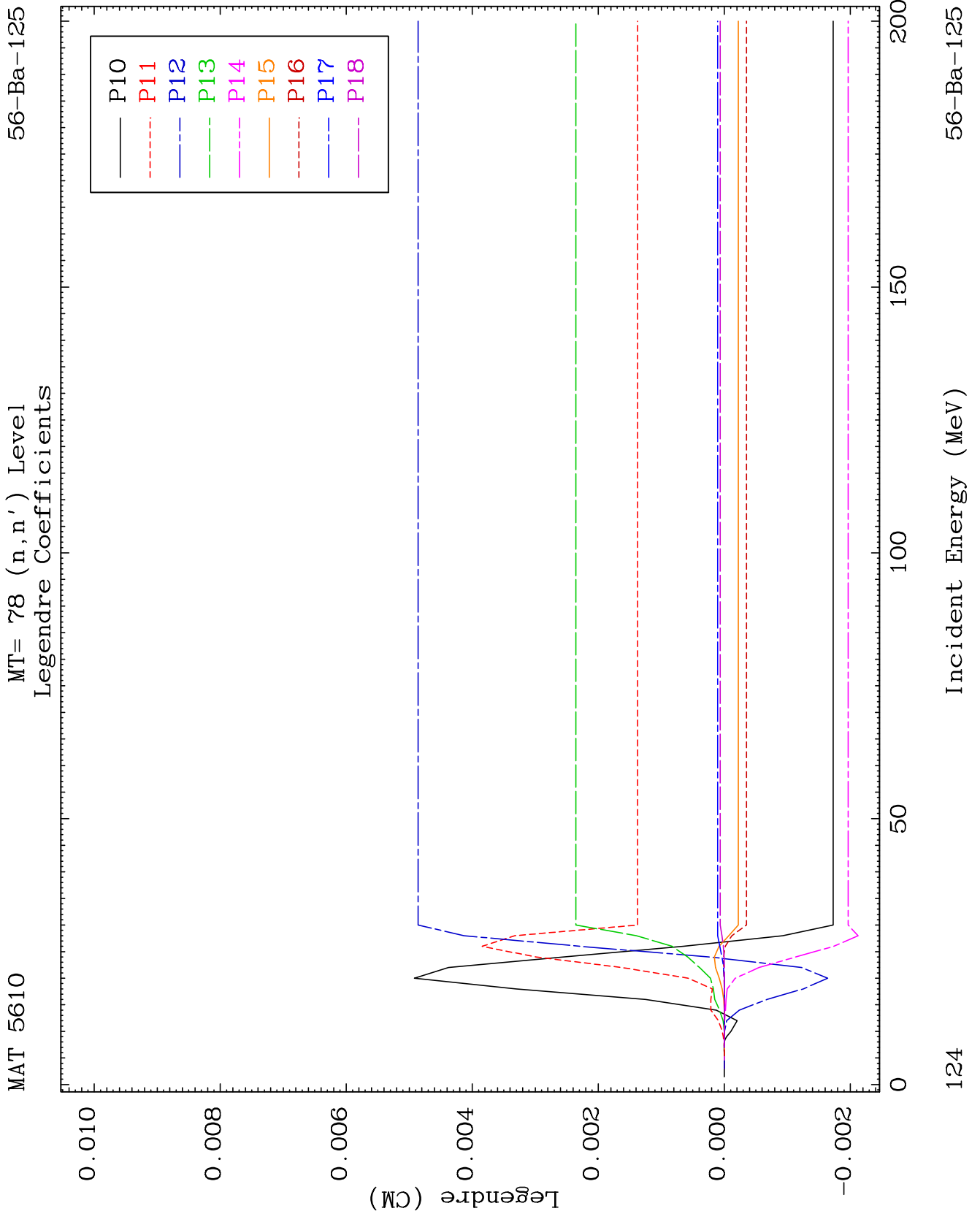
121

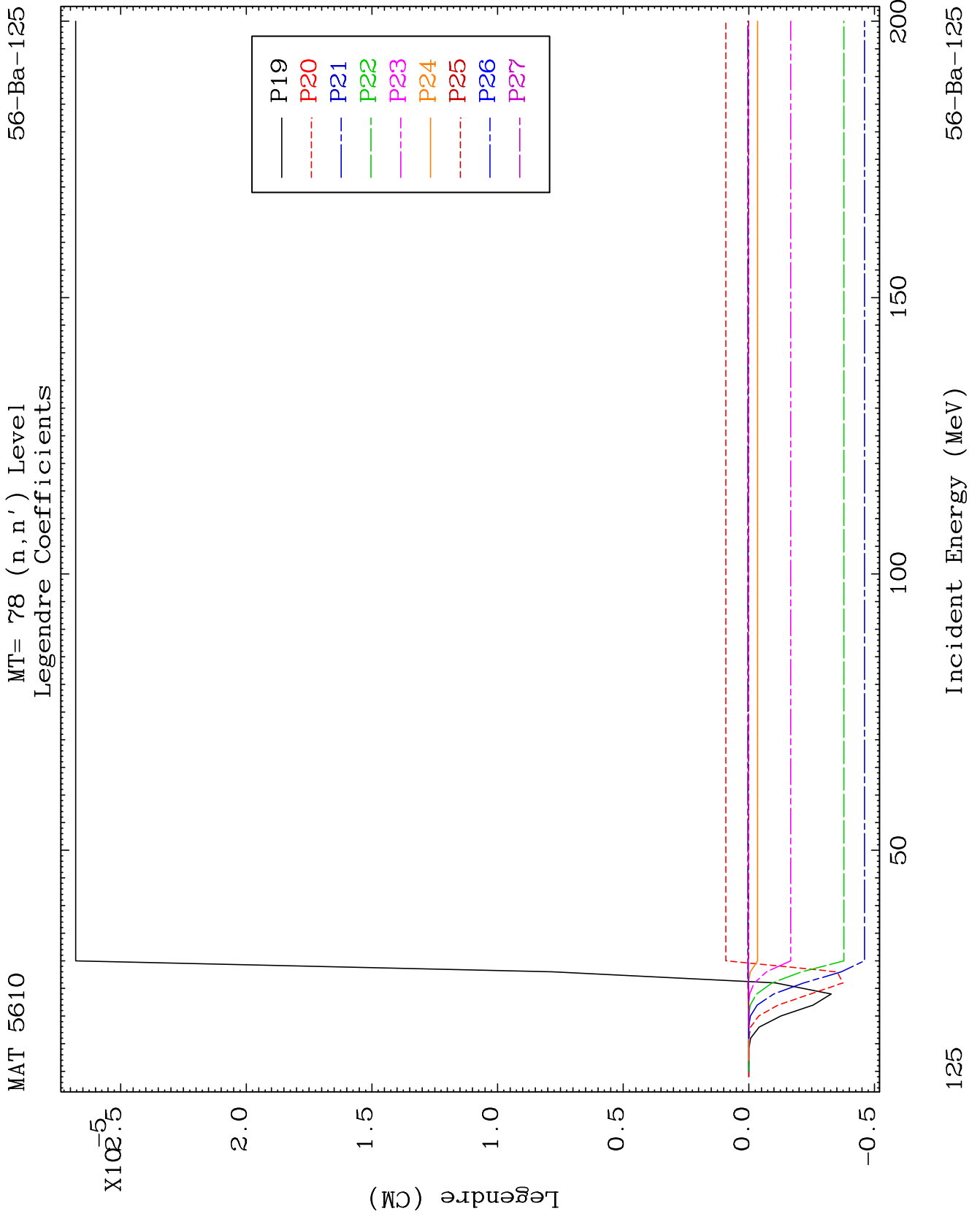
Incident Energy (MeV)

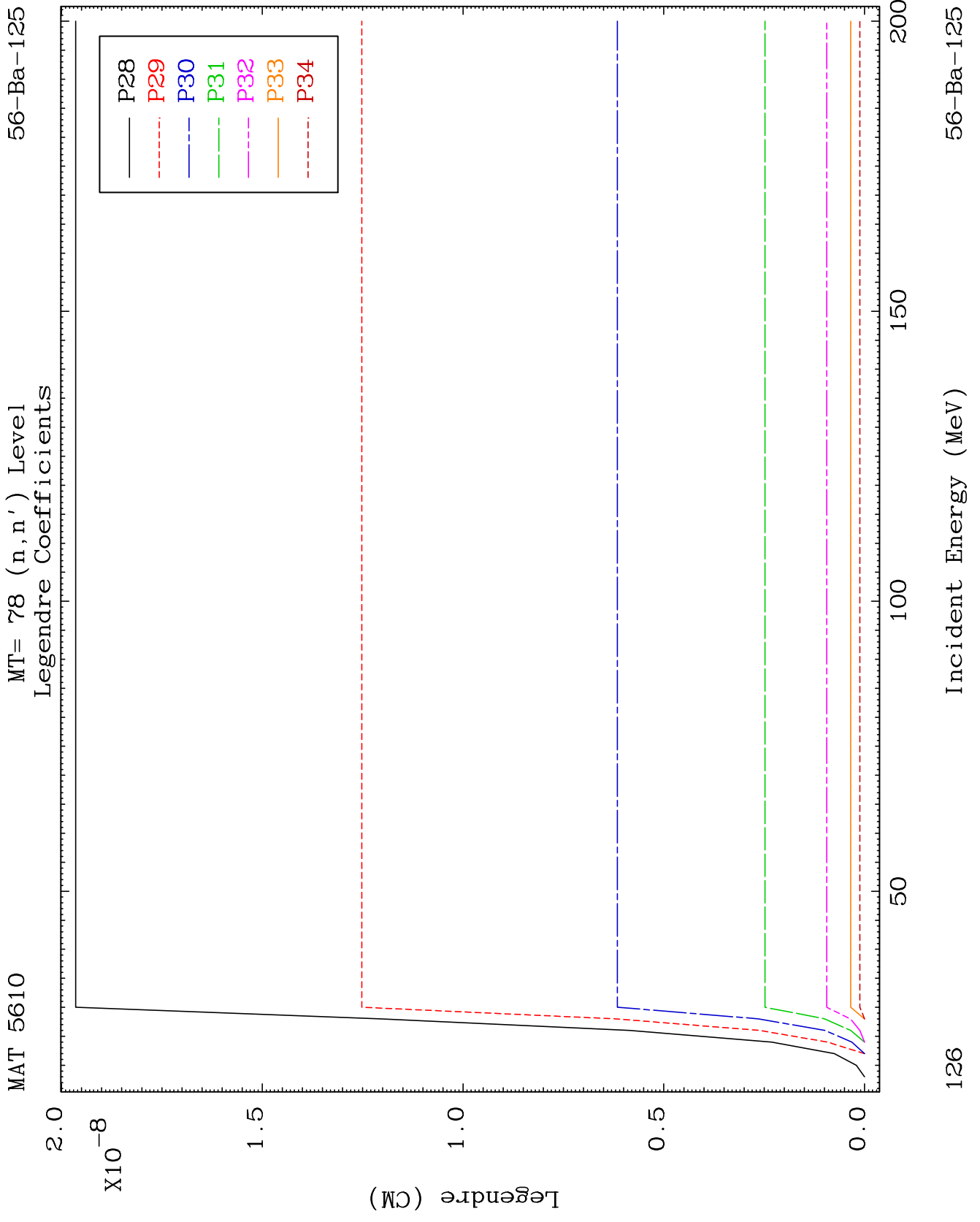
56-Ba-125

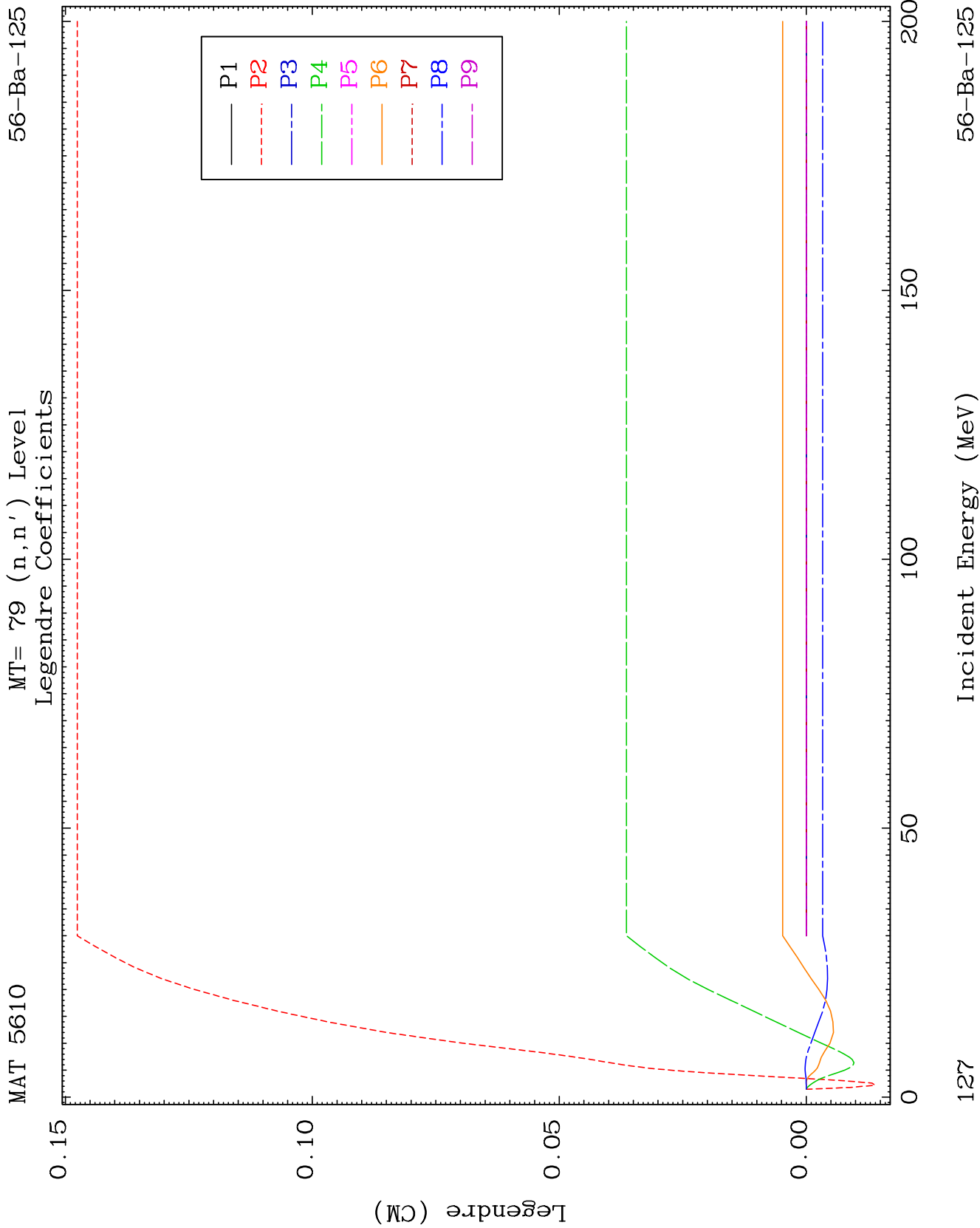


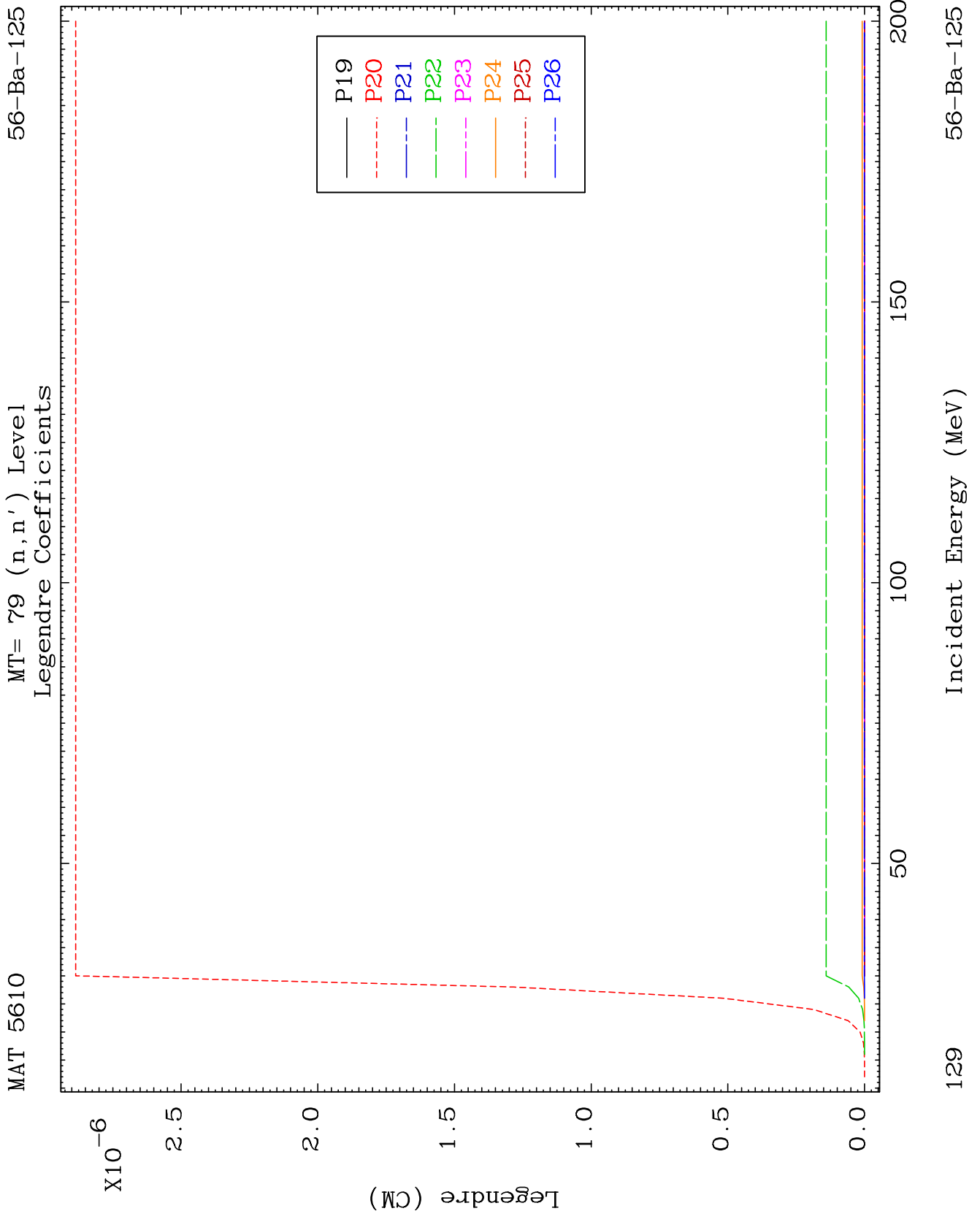










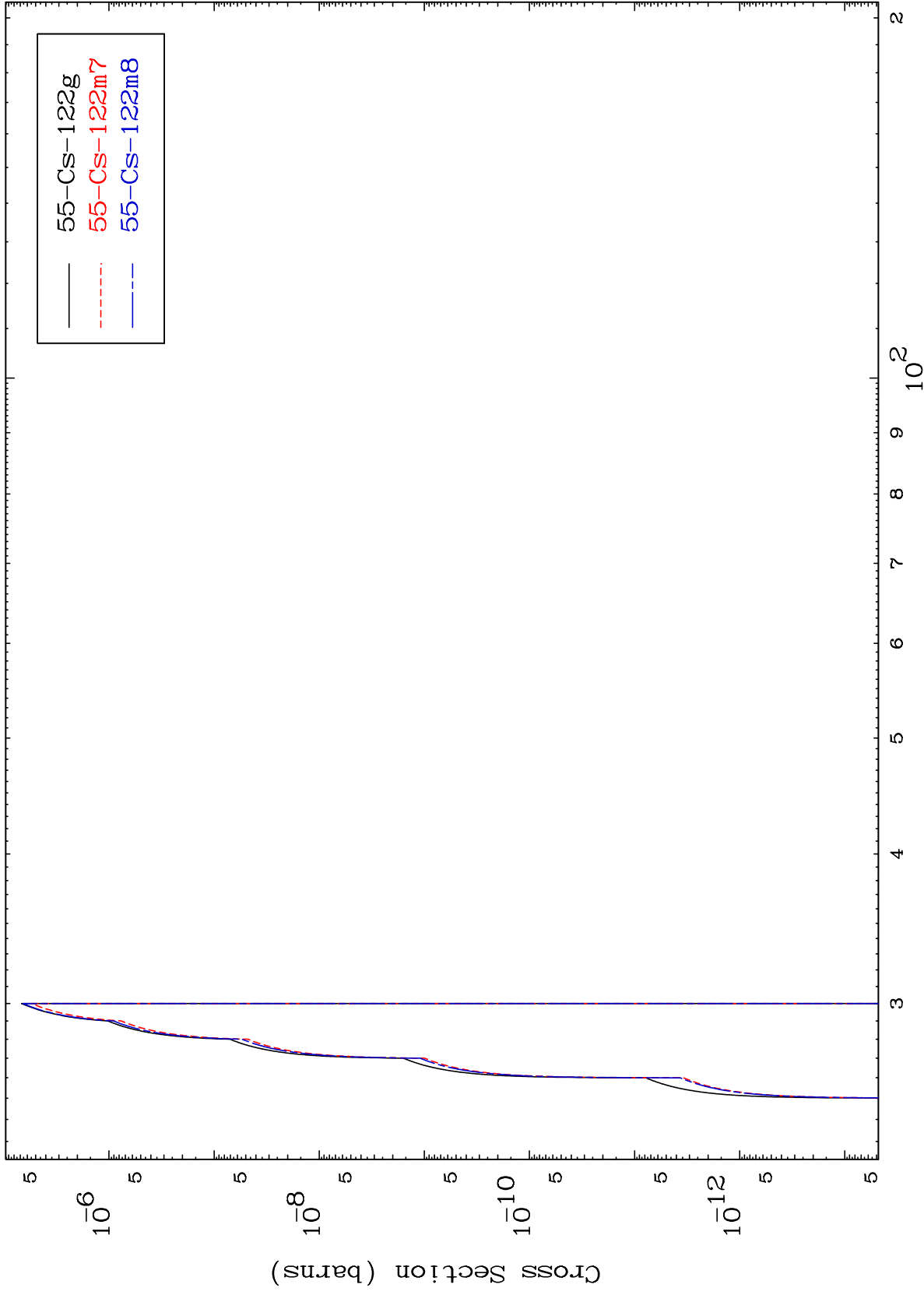


MAT 5610

(n,2n) d

56-Ba-125

Radionuclide Production Cross Section



130

Incident Energy (MeV)

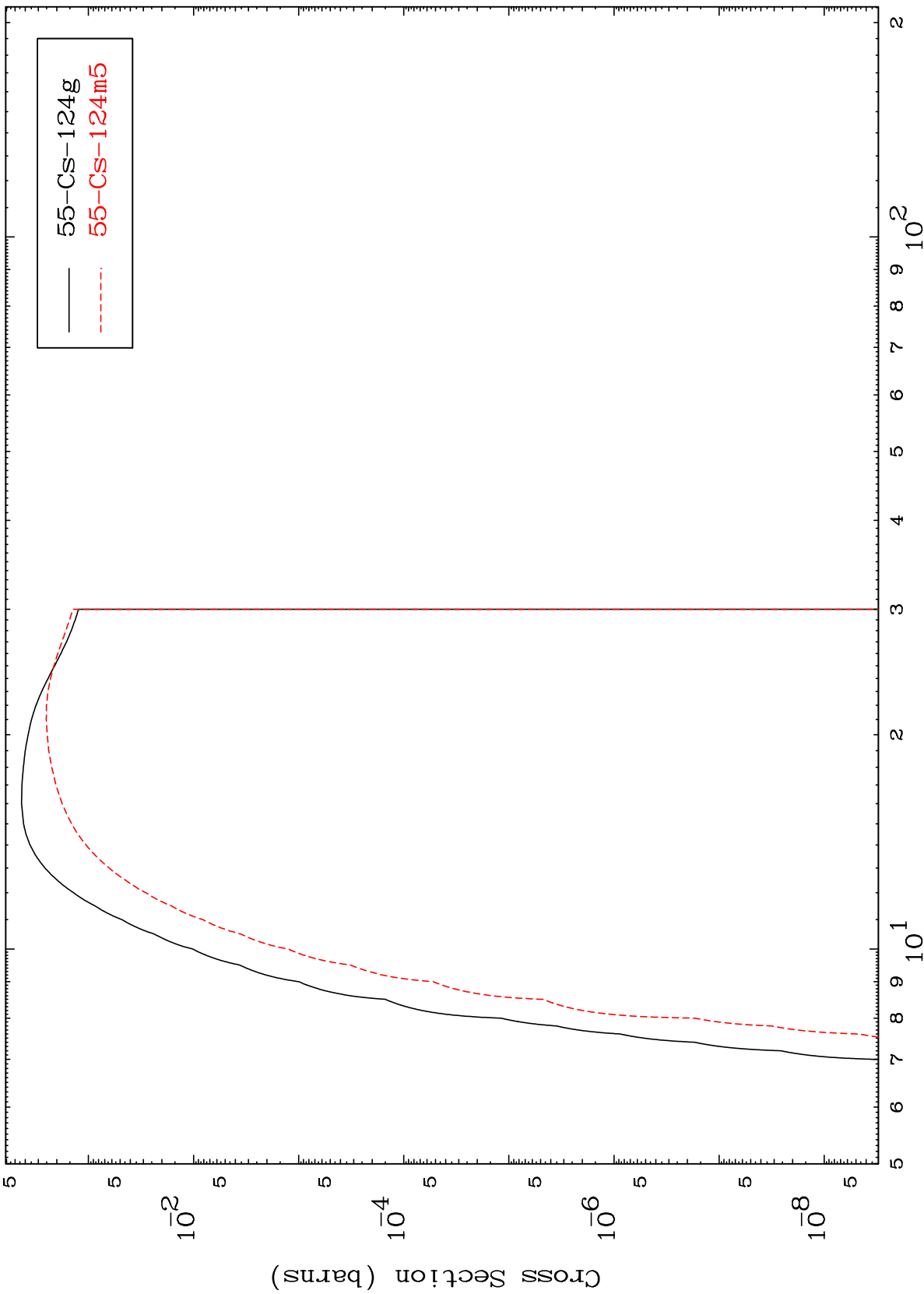
56-Ba-125

MAT 5610

(n,n') p

56-Ba-125

Radionuclide Production Cross Section



131

Incident Energy (MeV)

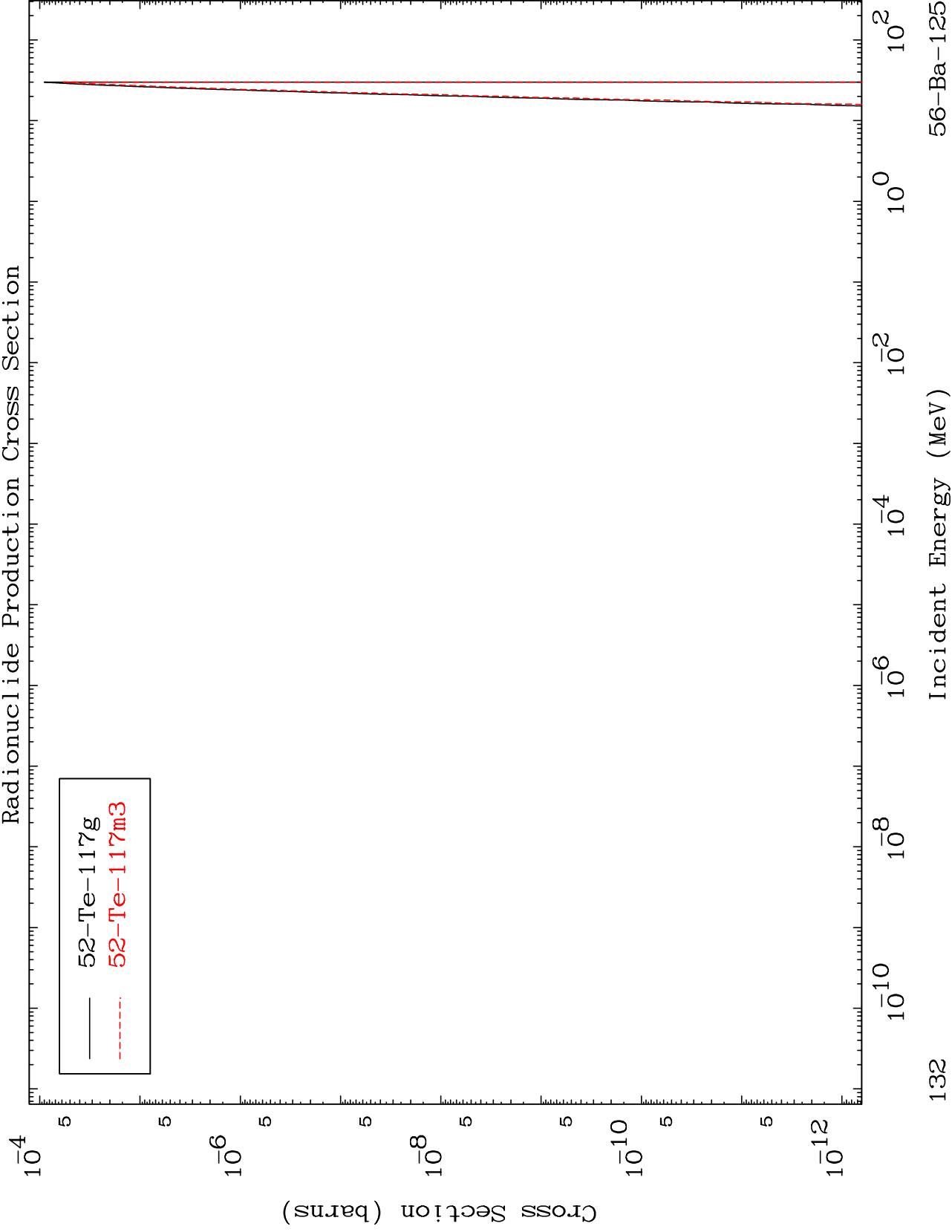
56-Ba-125

MAT 5610

(n,n') 2α

56-Ba-125

Radionuclide Production Cross Section

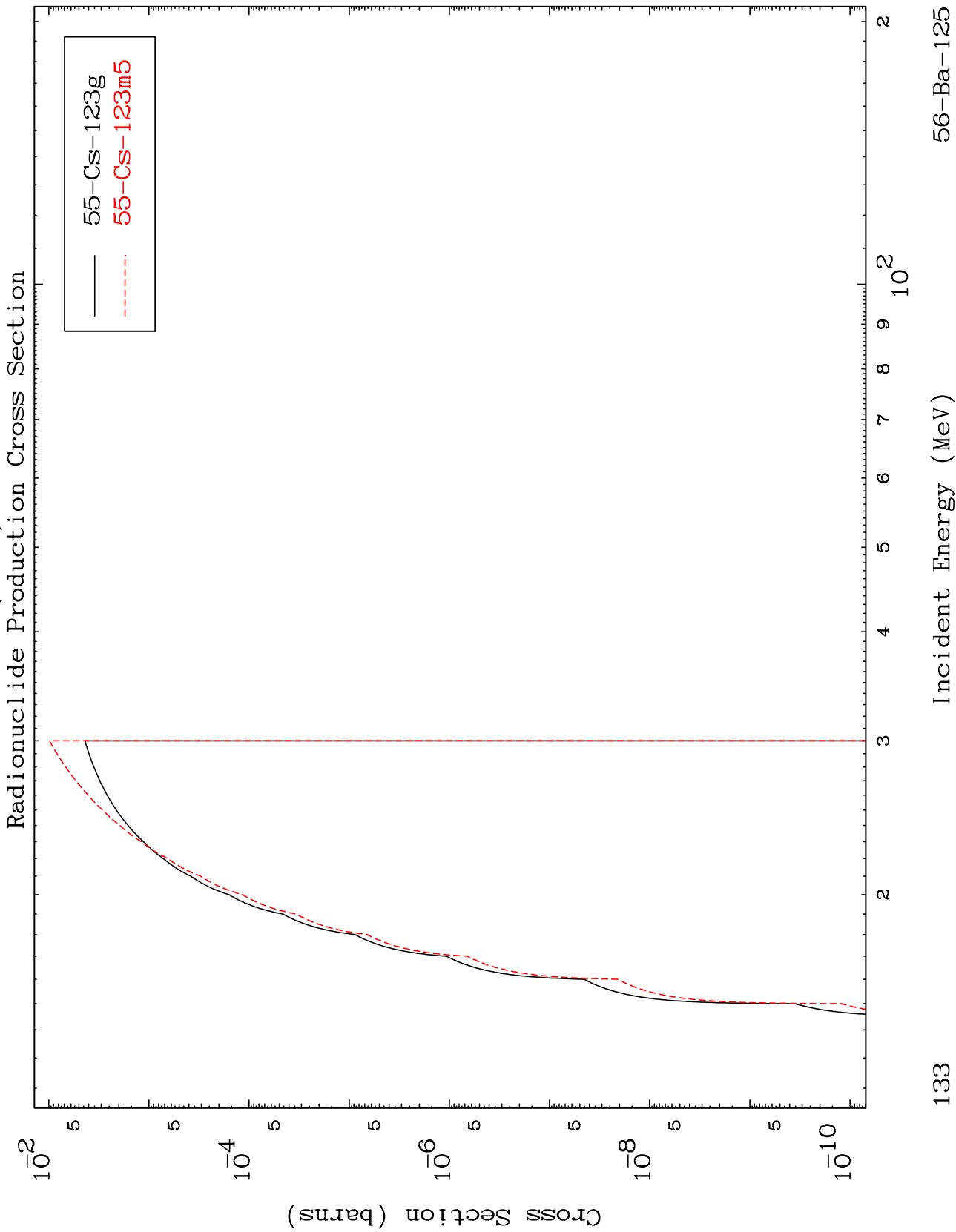


132

MAT 5610

(n,n') d

56-Ba-125



133

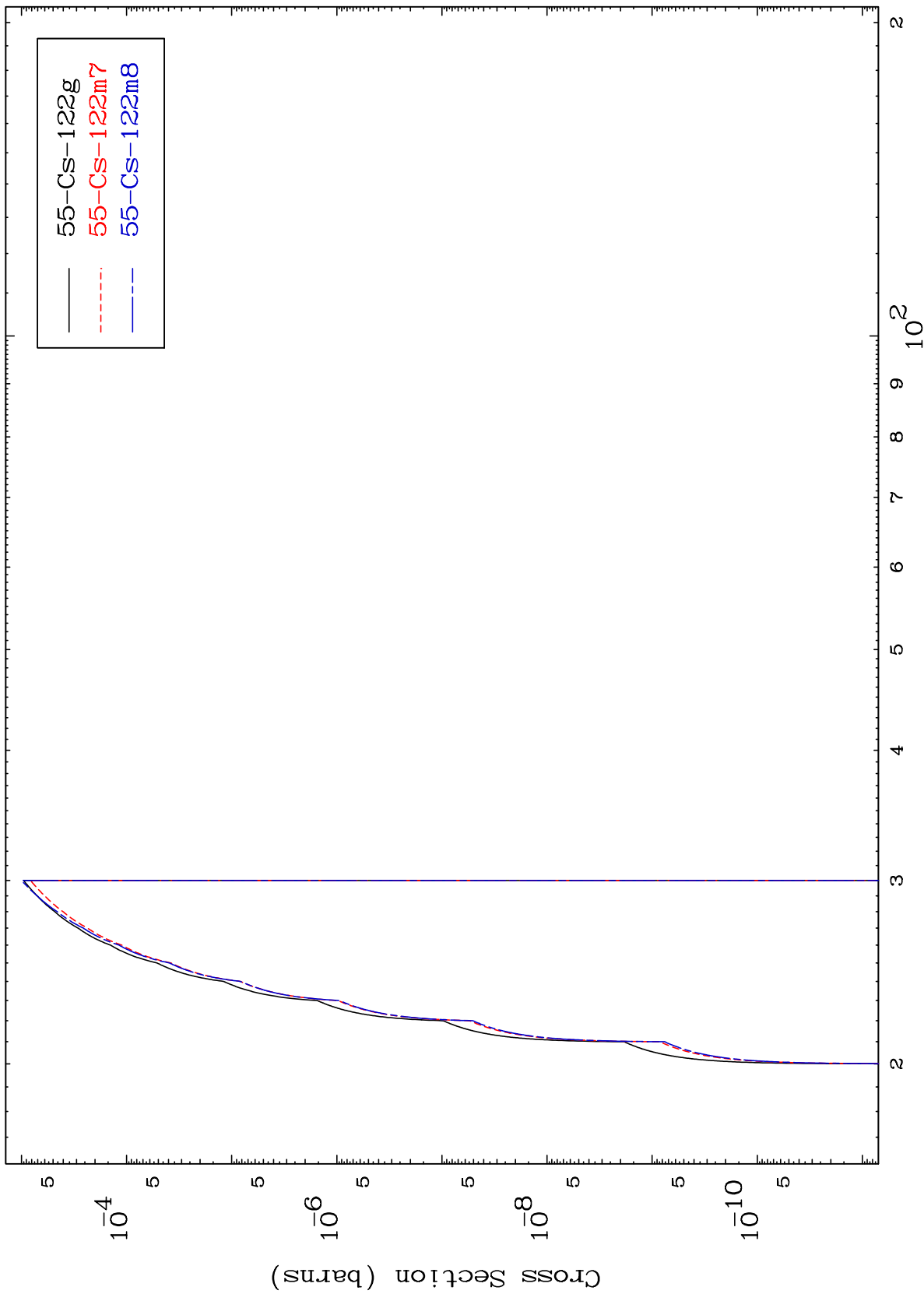
56-Ba-125

MAT 5610

(n,n') t

56-Ba-125

Radionuclide Production Cross Section



134

Incident Energy (MeV)

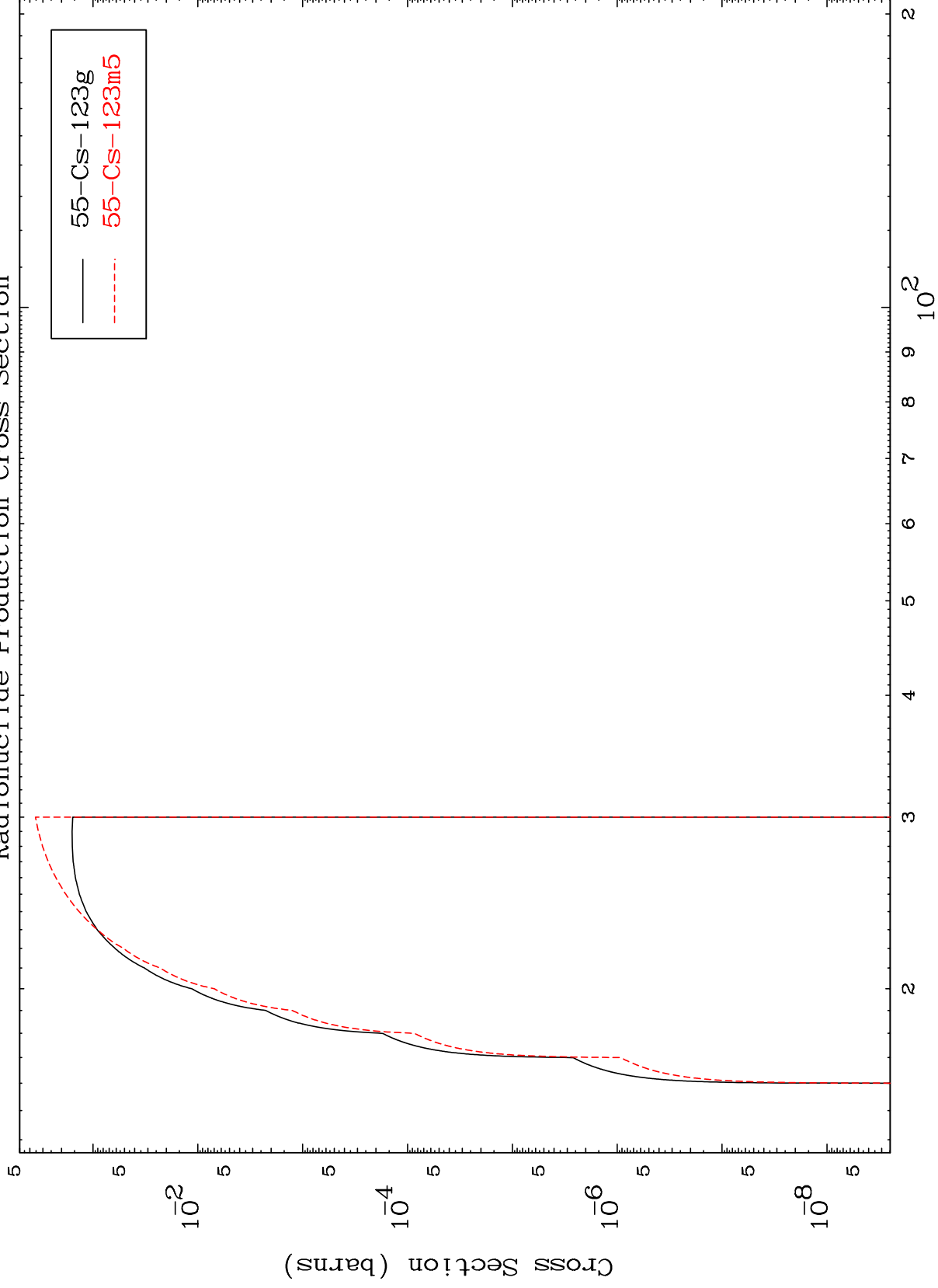
56-Ba-125

MAT 5610

(n,2n) p

56-Ba-125

Radionuclide Production Cross Section



135

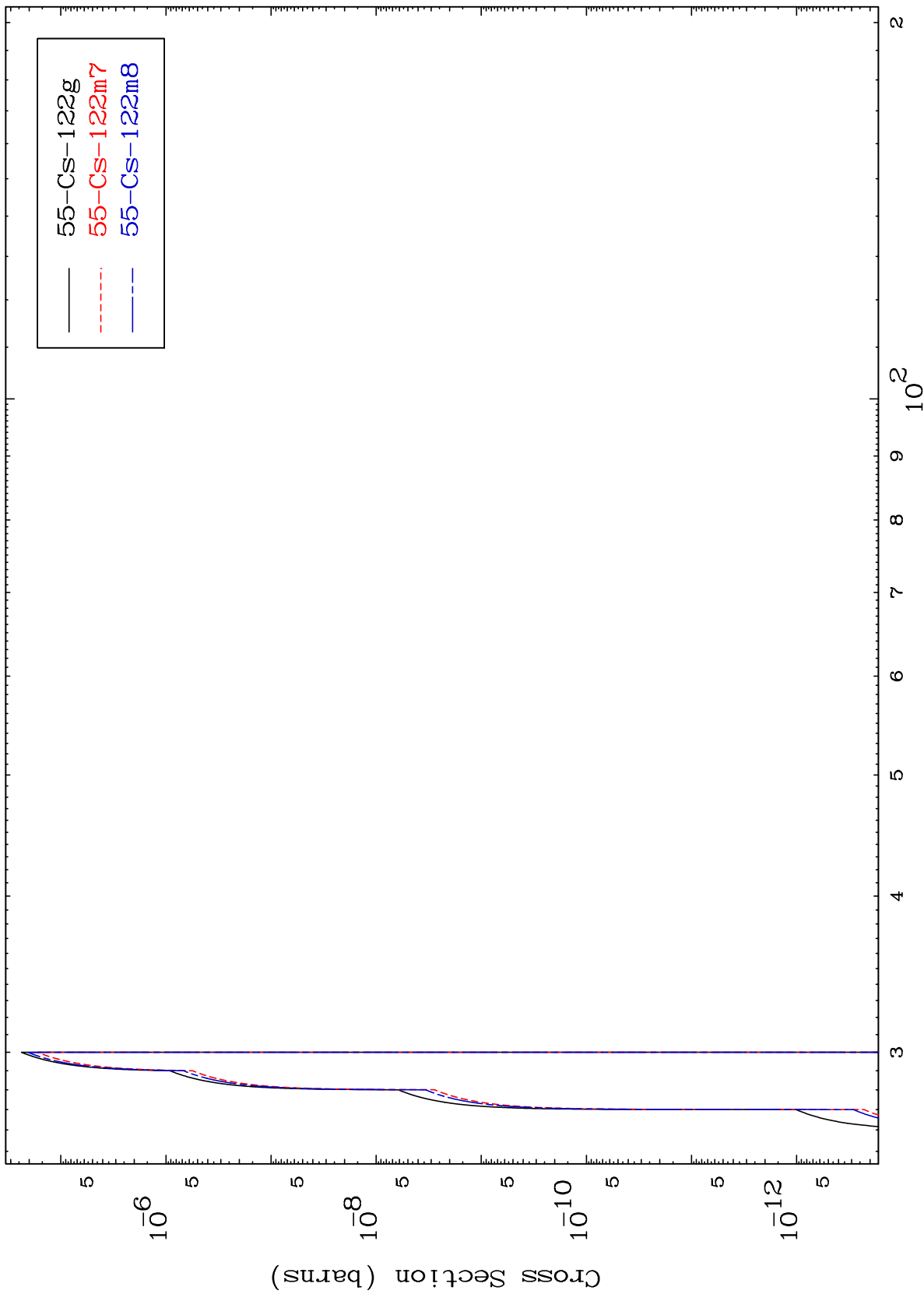
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

(n,3n) p
Radionuclide Production Cross Section



136

56-Ba-125

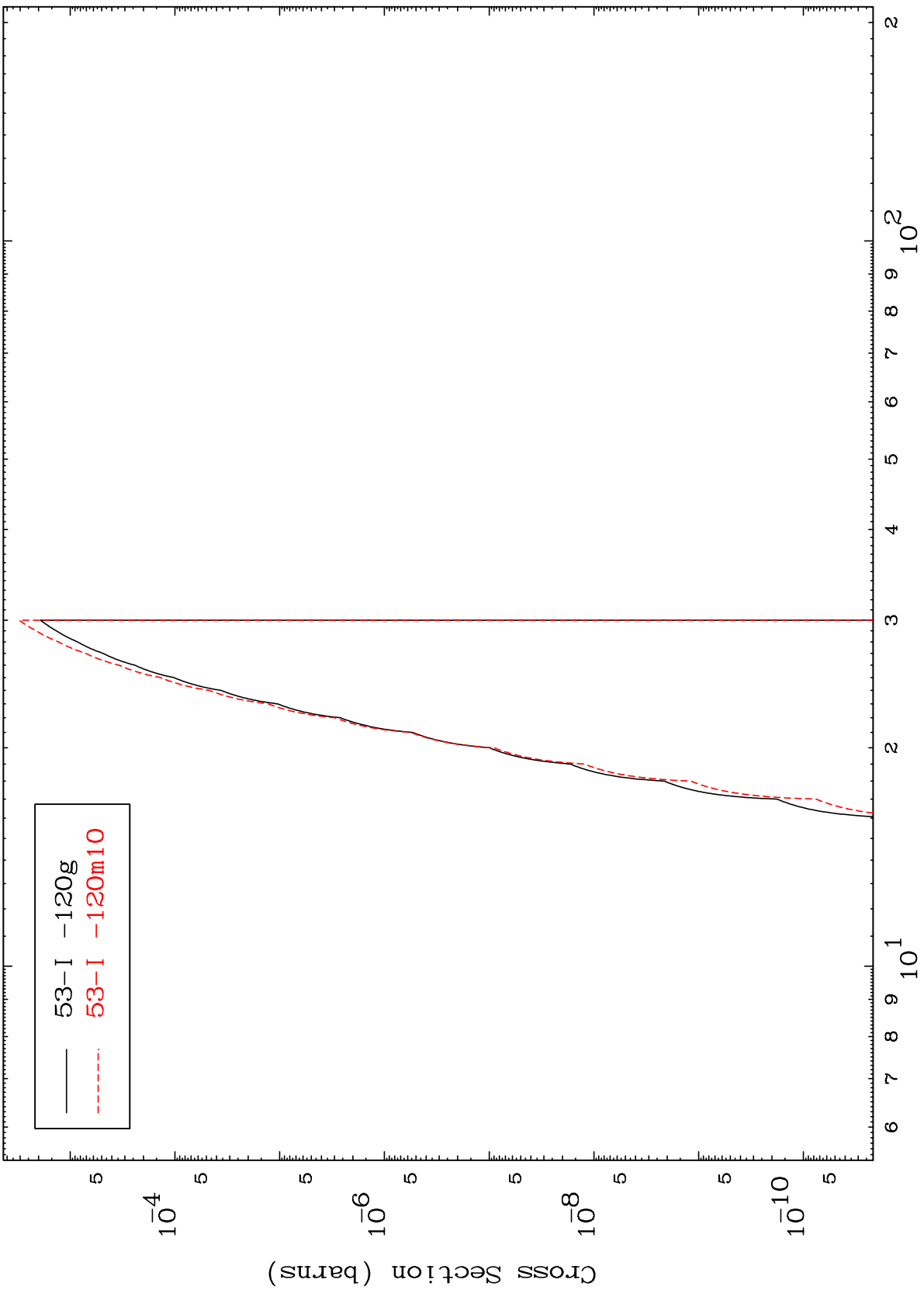
Incident Energy (MeV)

MAT 5610

(n,n') p α

56-Ba-125

Radionuclide Production Cross Section



137

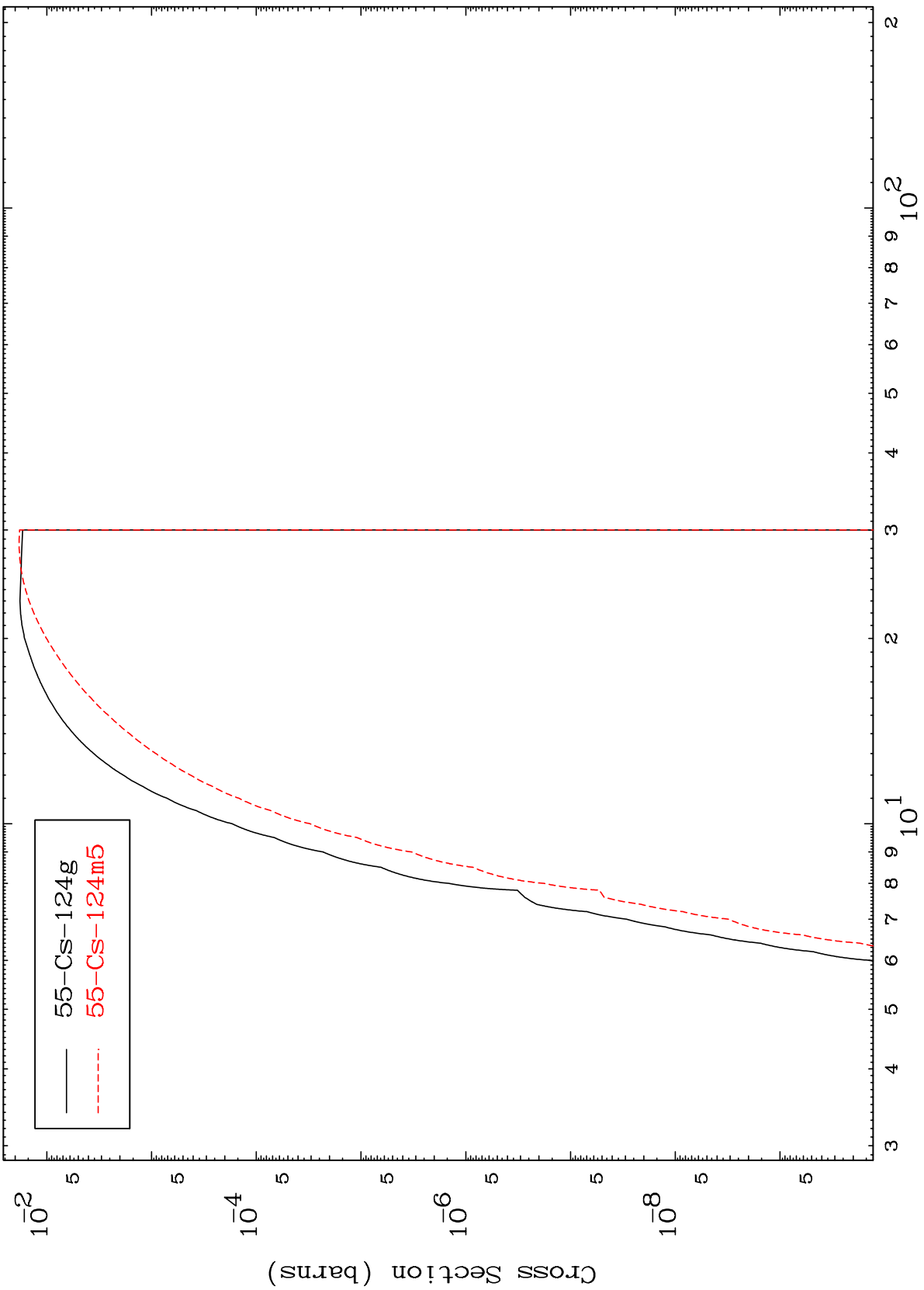
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

(n,d)
Radionuclide Production Cross Section

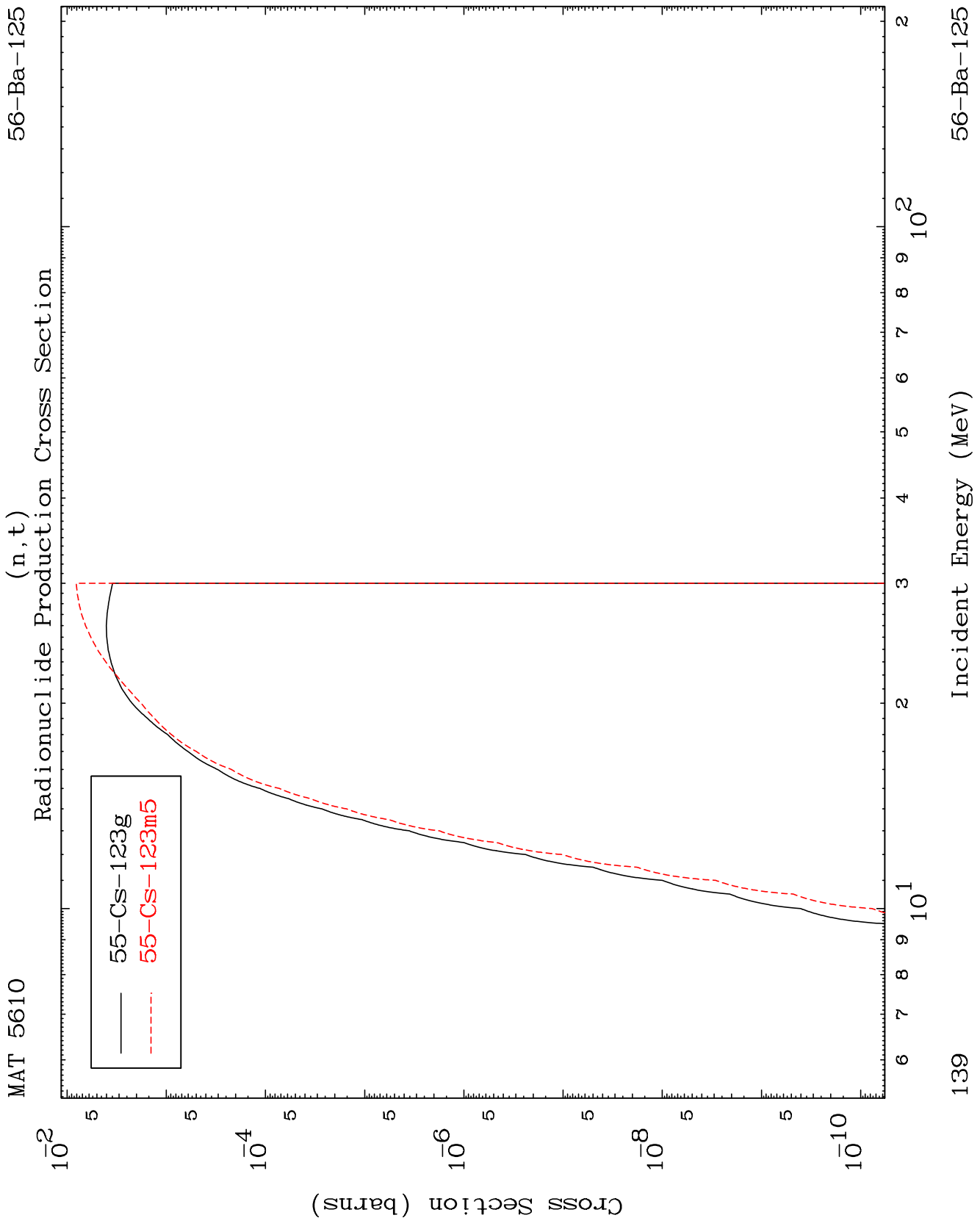


— 55-Cs-124g
- - - 55-Cs-124m5

56-Ba-125

Incident Energy (MeV)

138

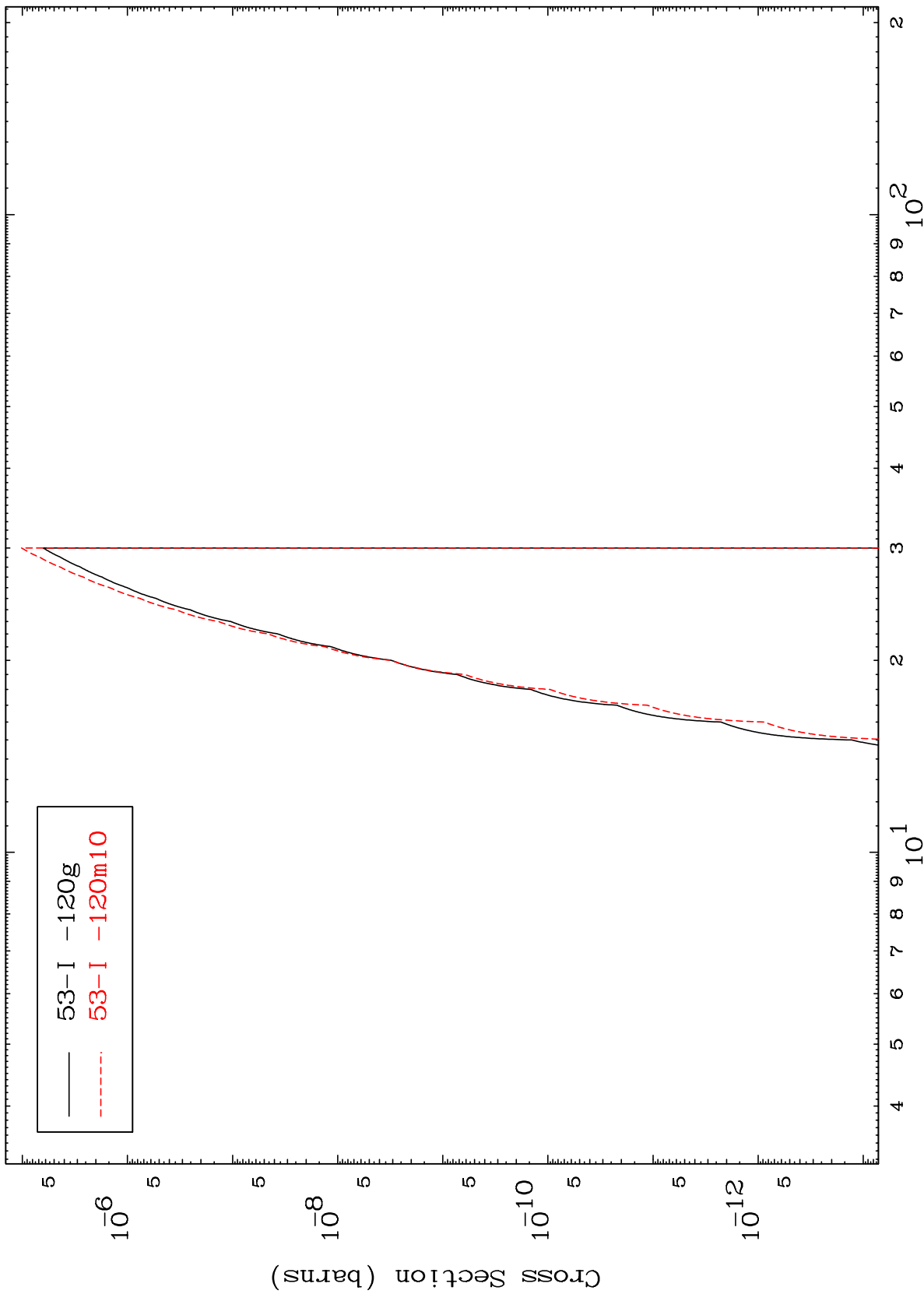


MAT 5610

(n,d) α

56-Ba-125

Radionuclide Production Cross Section



140

Incident Energy (MeV)

56-Ba-125