

Program EVALPLOT
(Version 2017-1)

by

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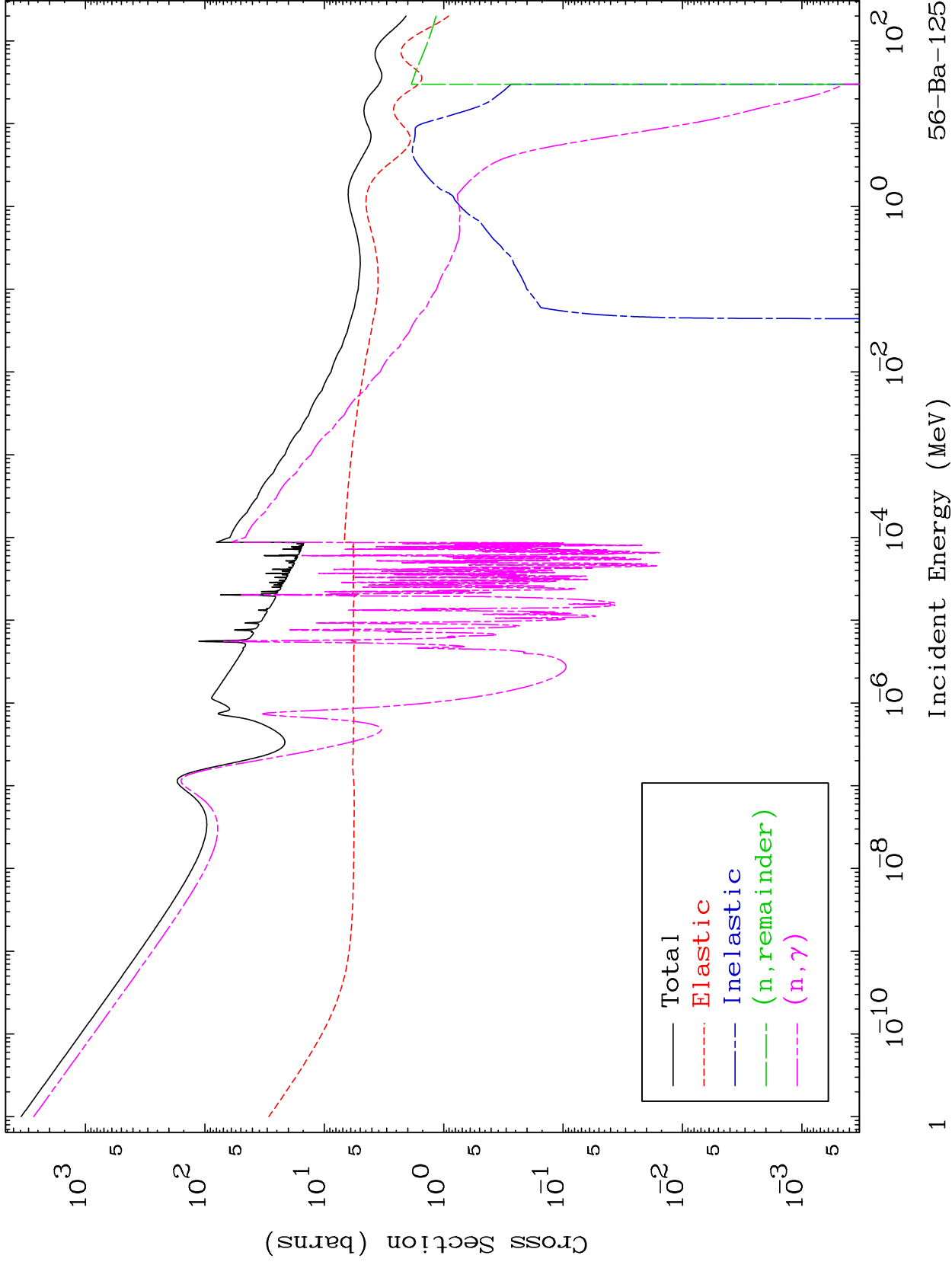
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Press Mouse Button to Start

MAT 5610

Major
293 Kelvin Cross Sections

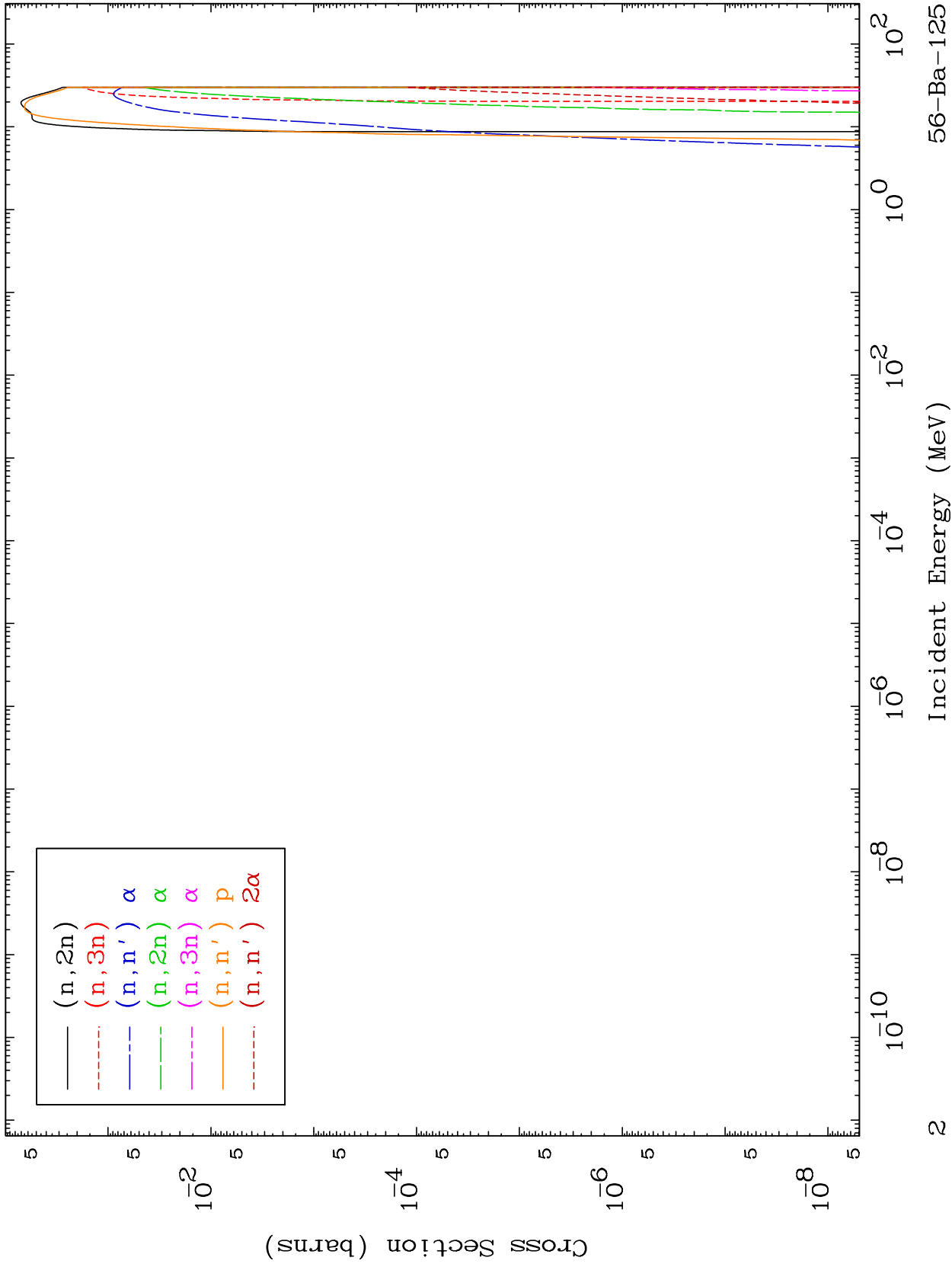
56-Ba-125



MAT 5610

Neutron Production
293 Kelvin Cross Sections

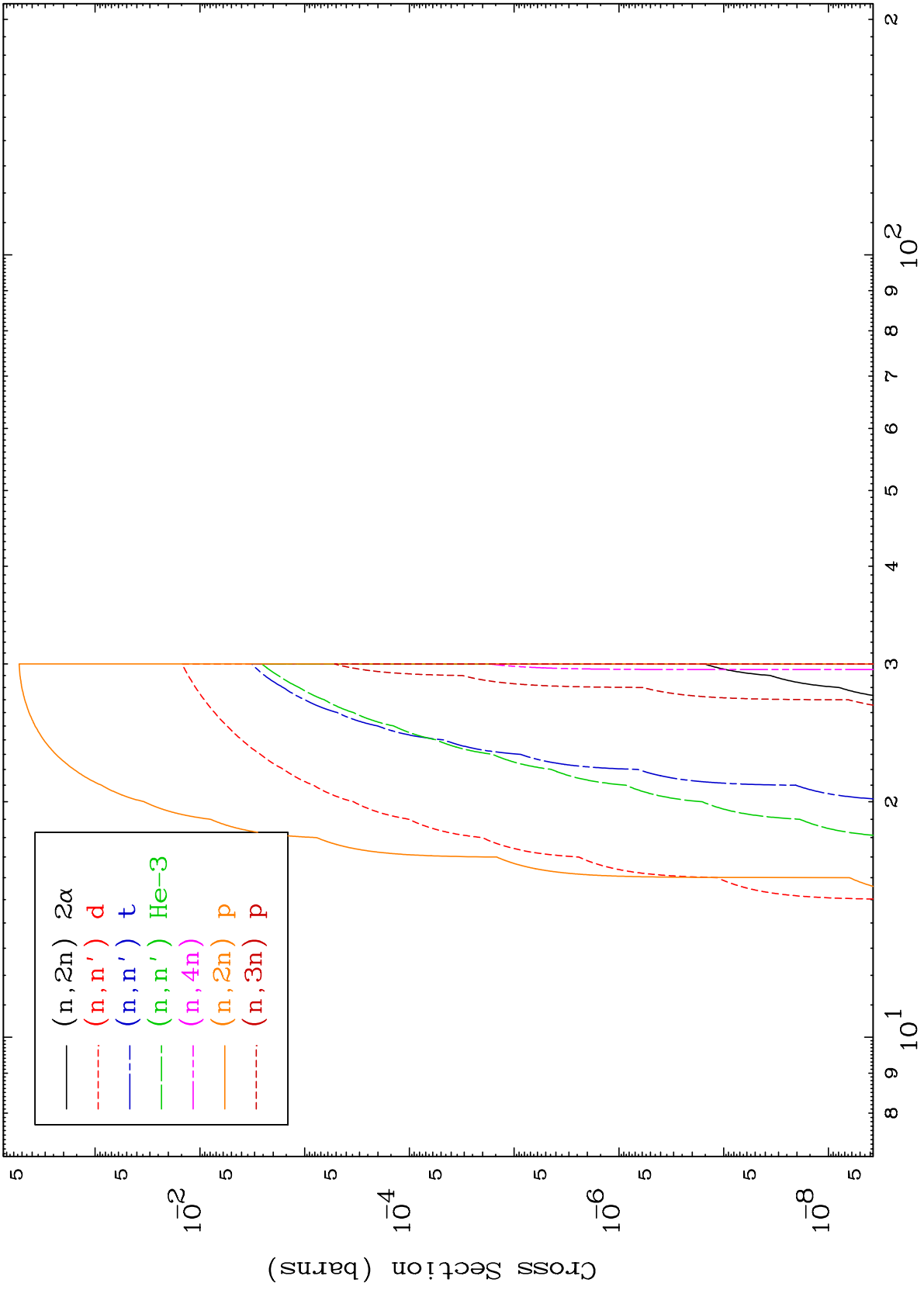
56-Ba-125



MAT 5610

Neutron Production
293 Kelvin Cross Sections

56-Ba-125



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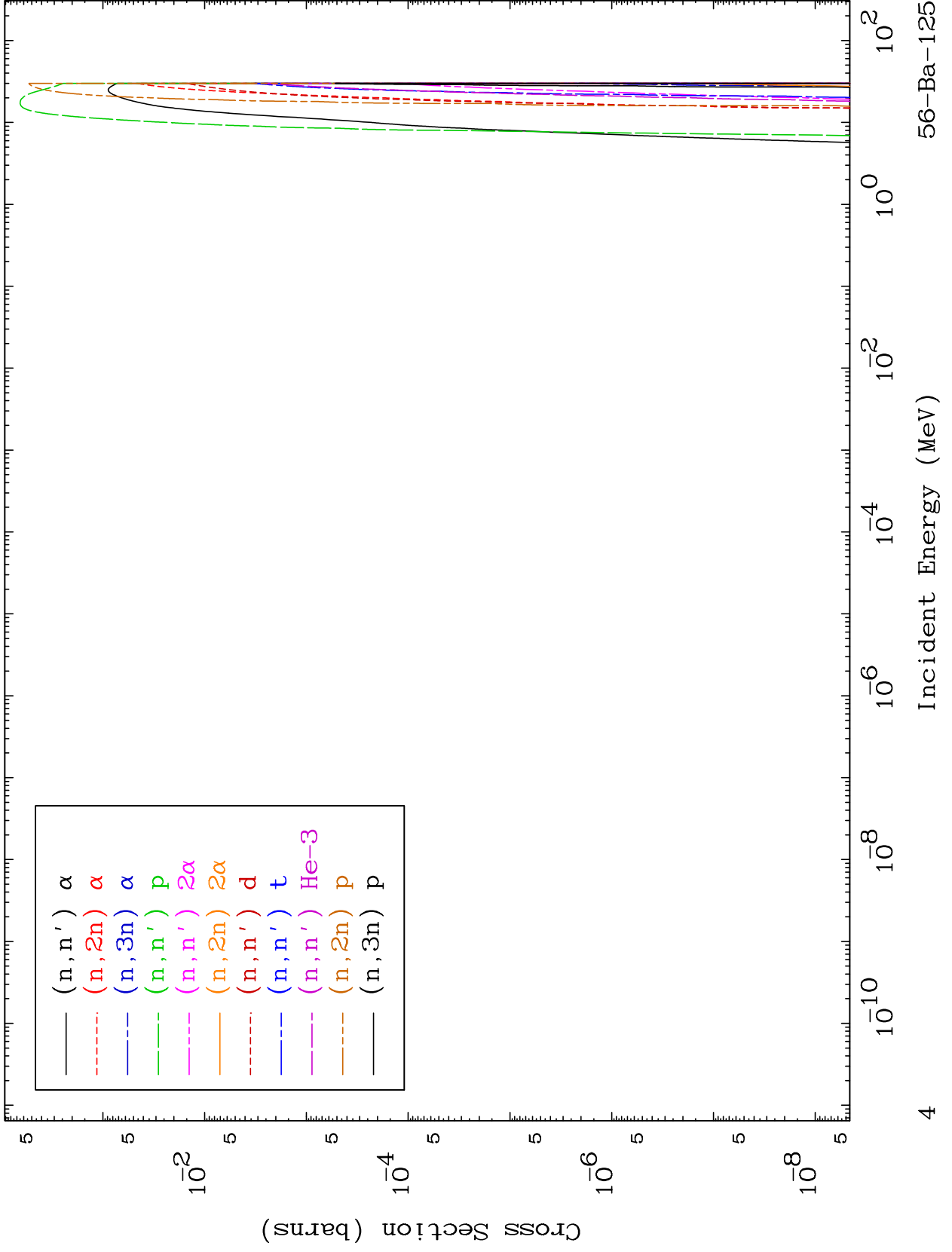
Incident Energy (MeV)

56-Ba-125

MAT 5610

Charged Particle
293 Kelvin Cross Sections

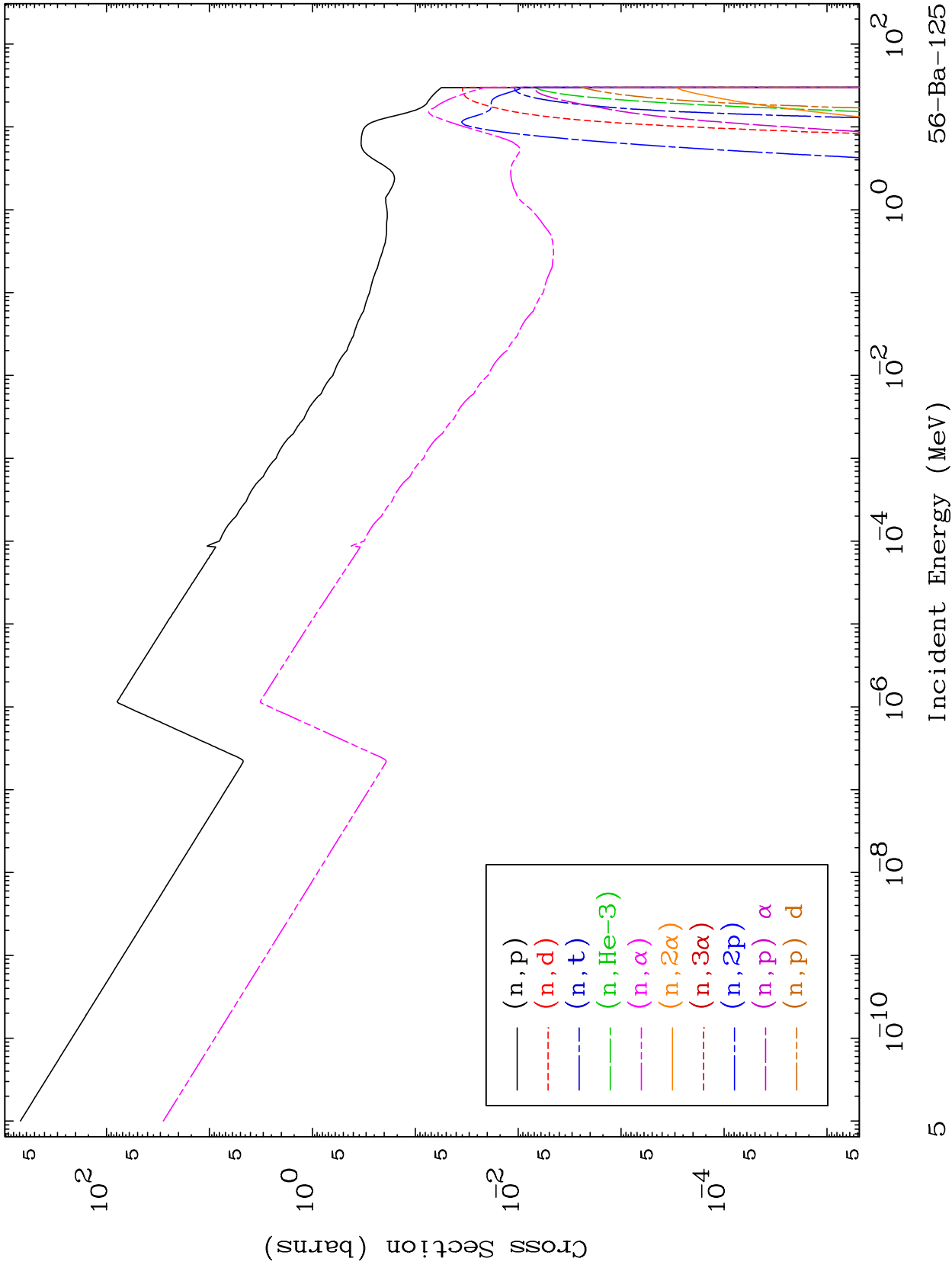
56-Ba-125



MAT 5610

Charged Particle
293 Kelvin Cross Sections

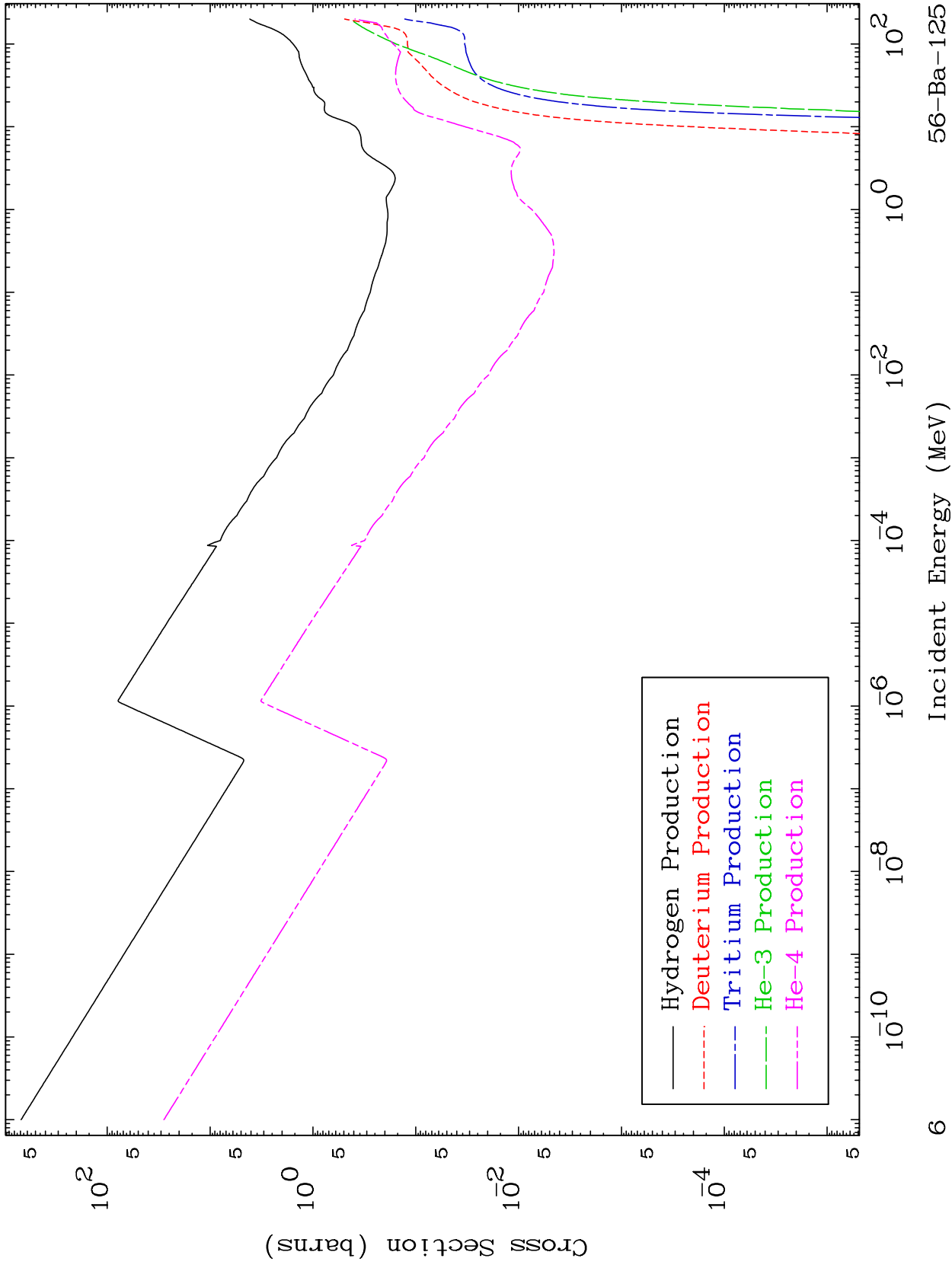
56-Ba-125



MAT 5610

Particle Production
293 Kelvin Cross Sections

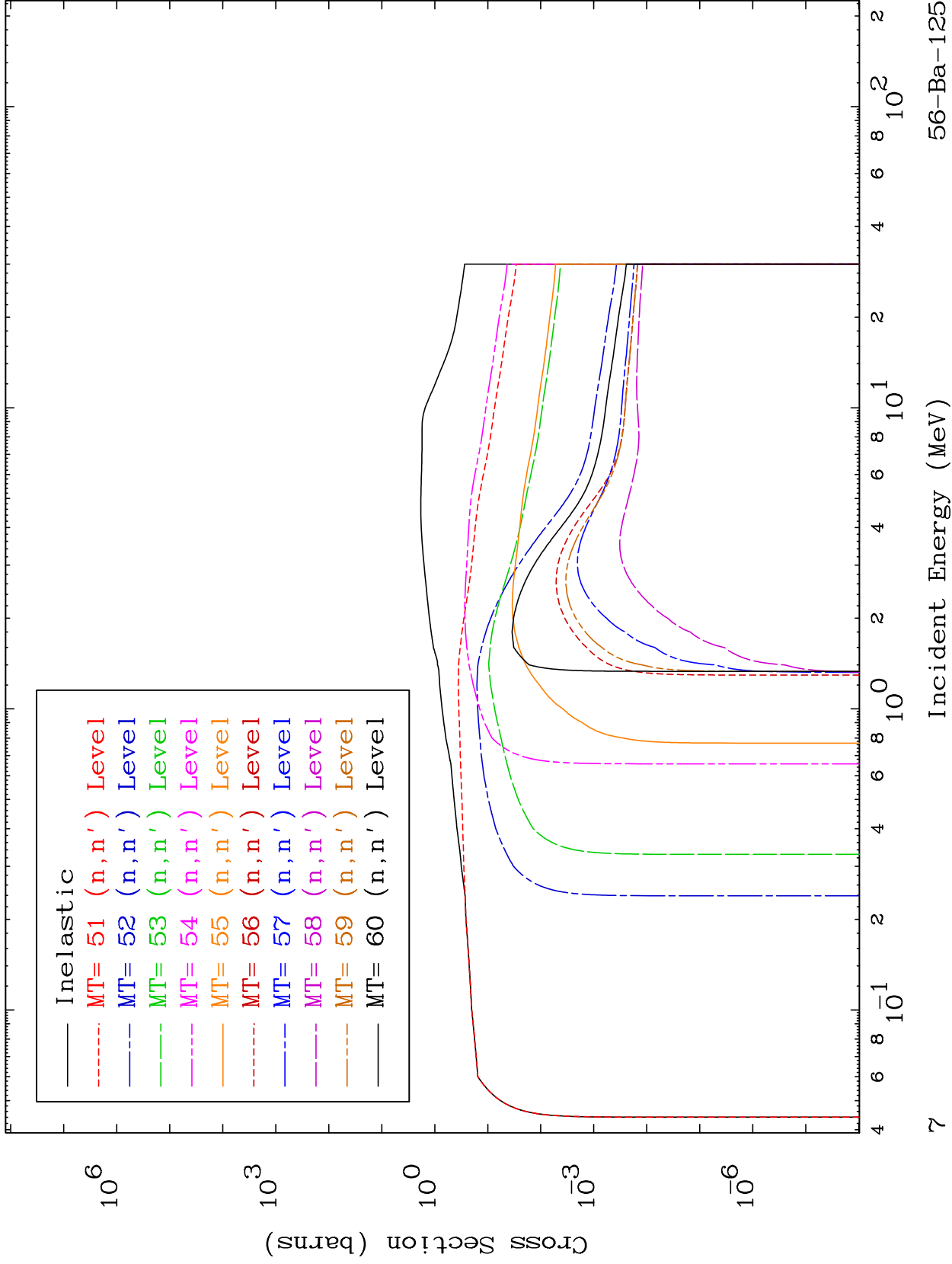
56-Ba-125



MAT 5610

(n,n') Level
293 Kelvin Cross Sections

56-Ba-125

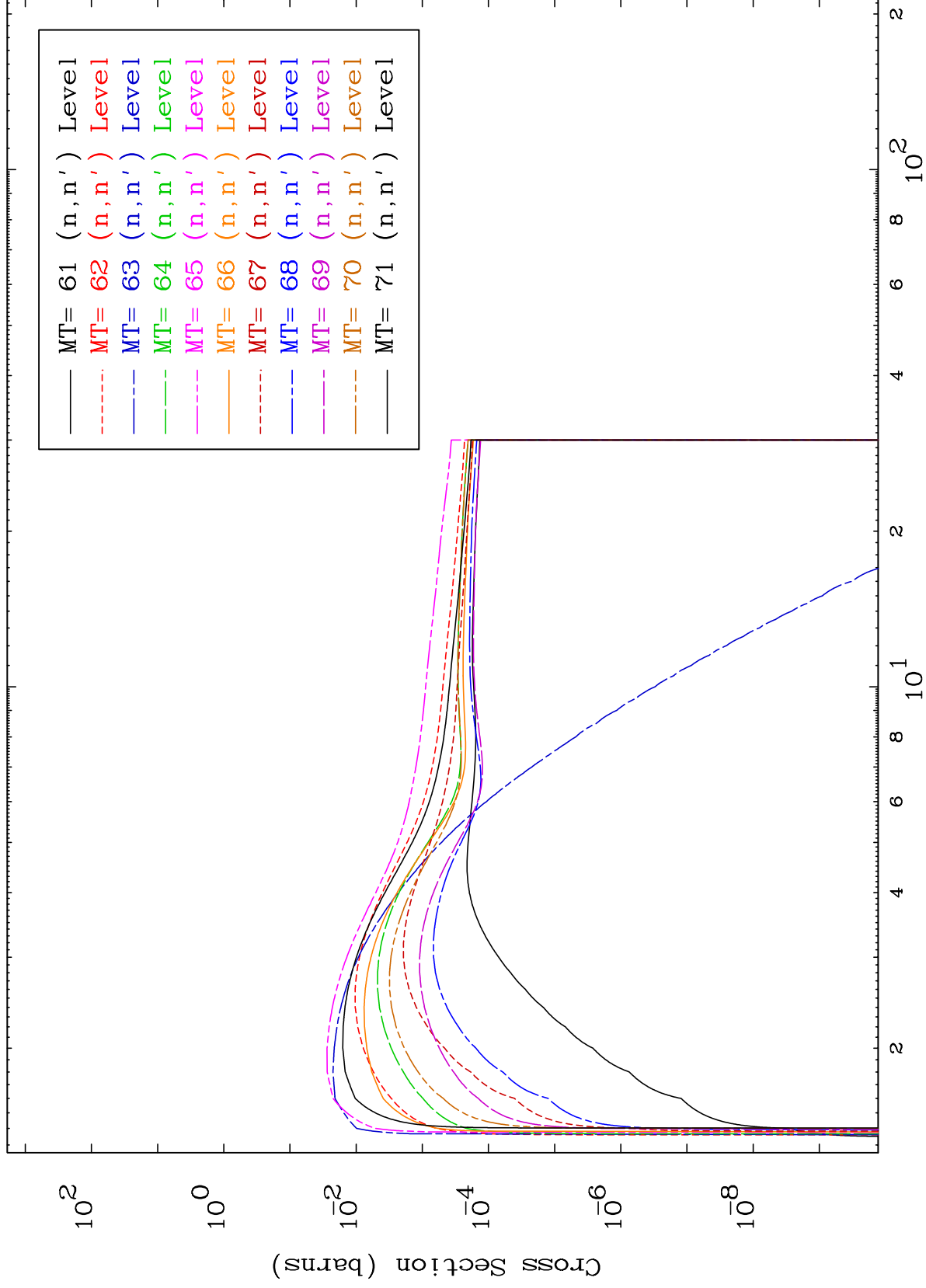


MAT 5610

(n,n') Level

293 Kelvin Cross Sections

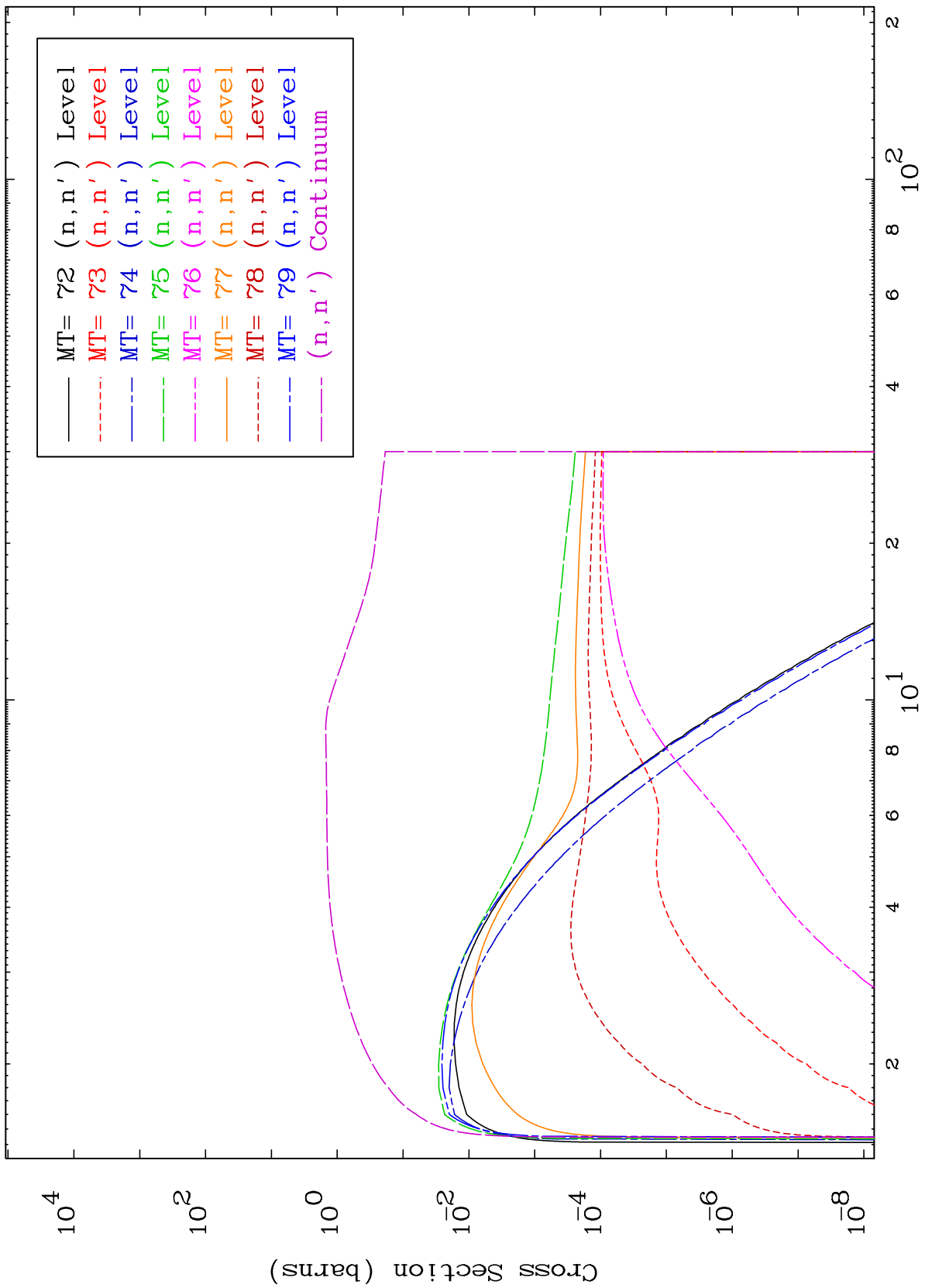
56-Ba-125



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Incident Energy (MeV)

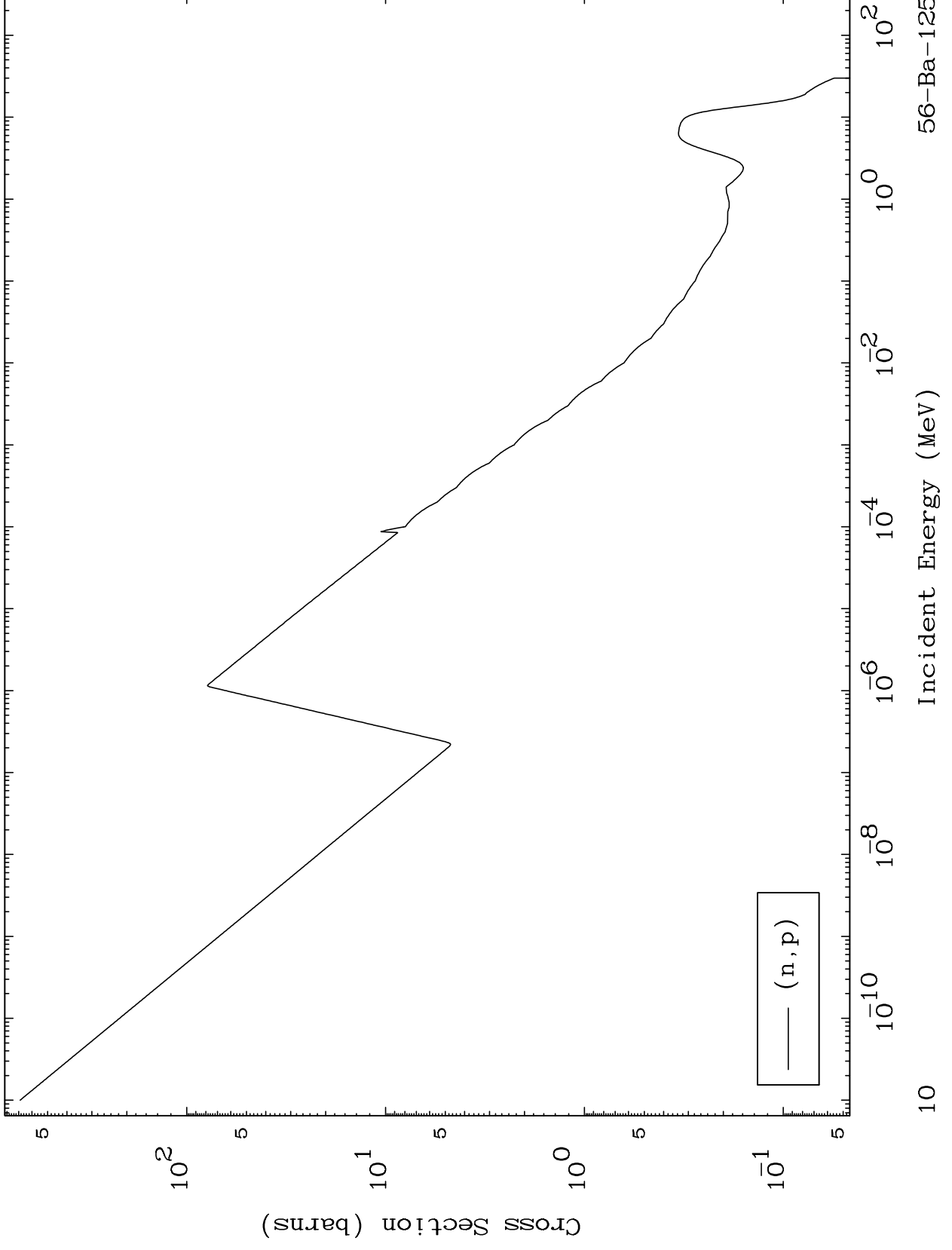
56-Ba-125



MAT 5610

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-125



56-Ba-125

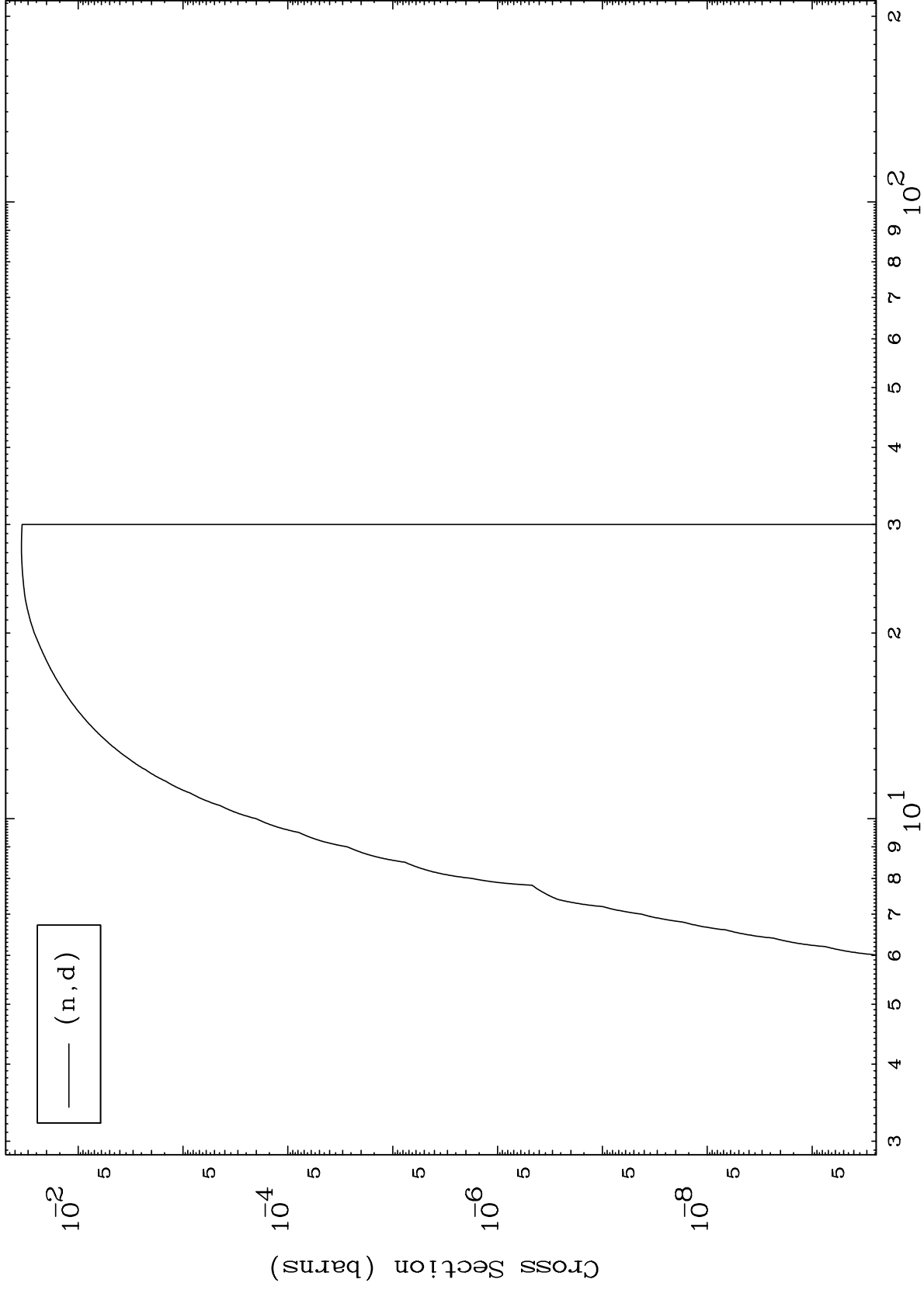
Incident Energy (MeV)

10

MAT 5610

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-125



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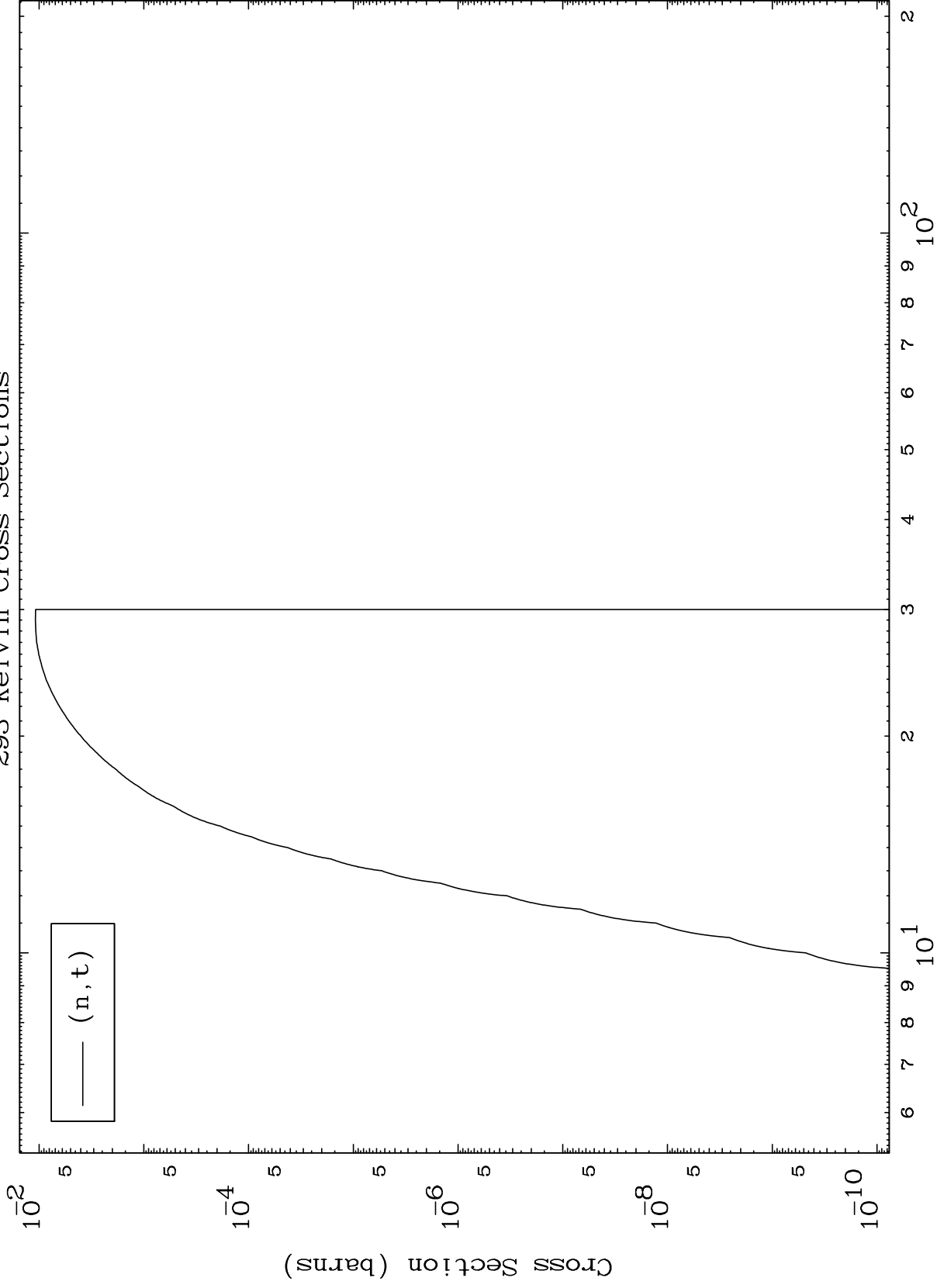
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-125



12

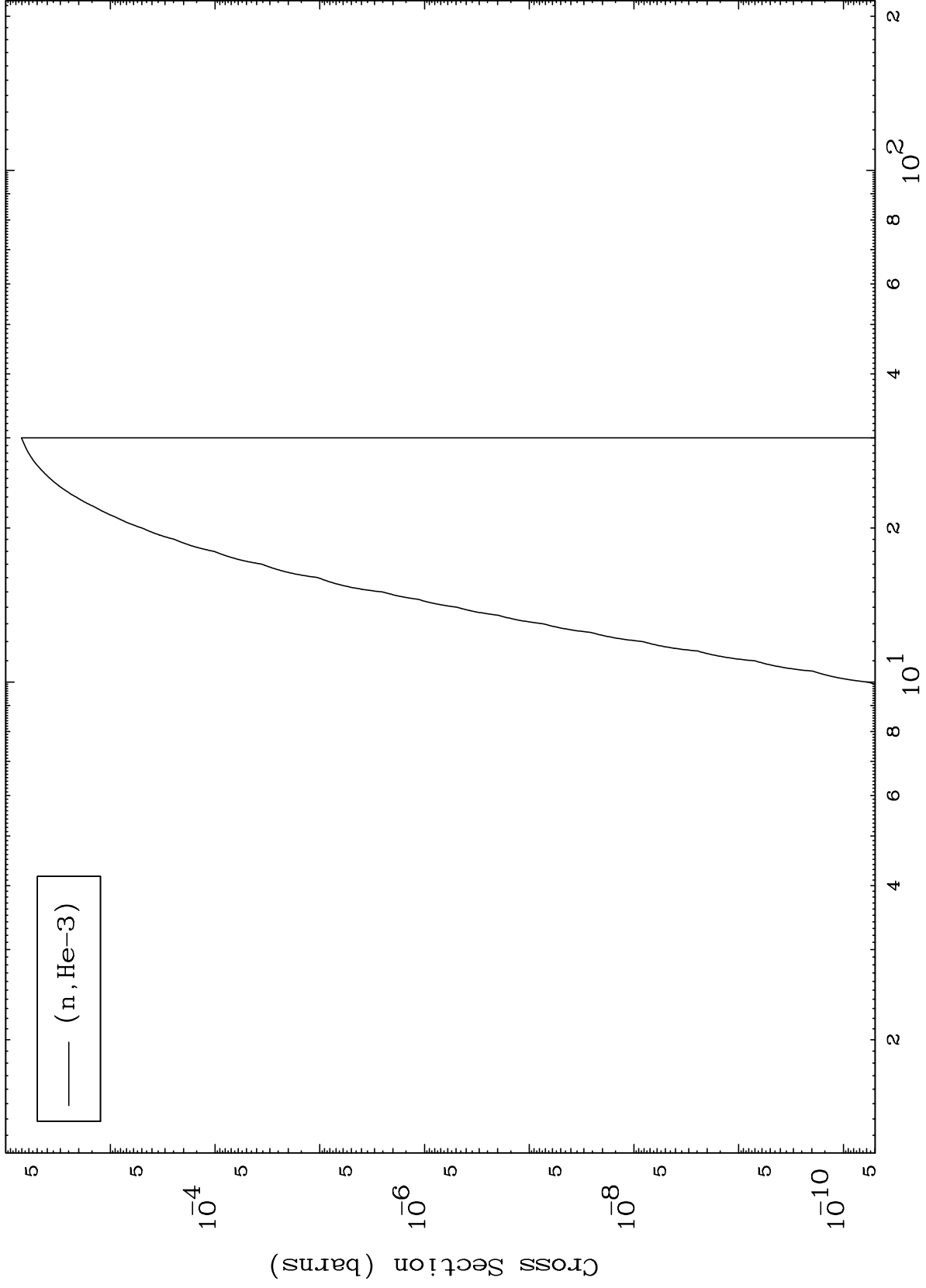
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-125



13

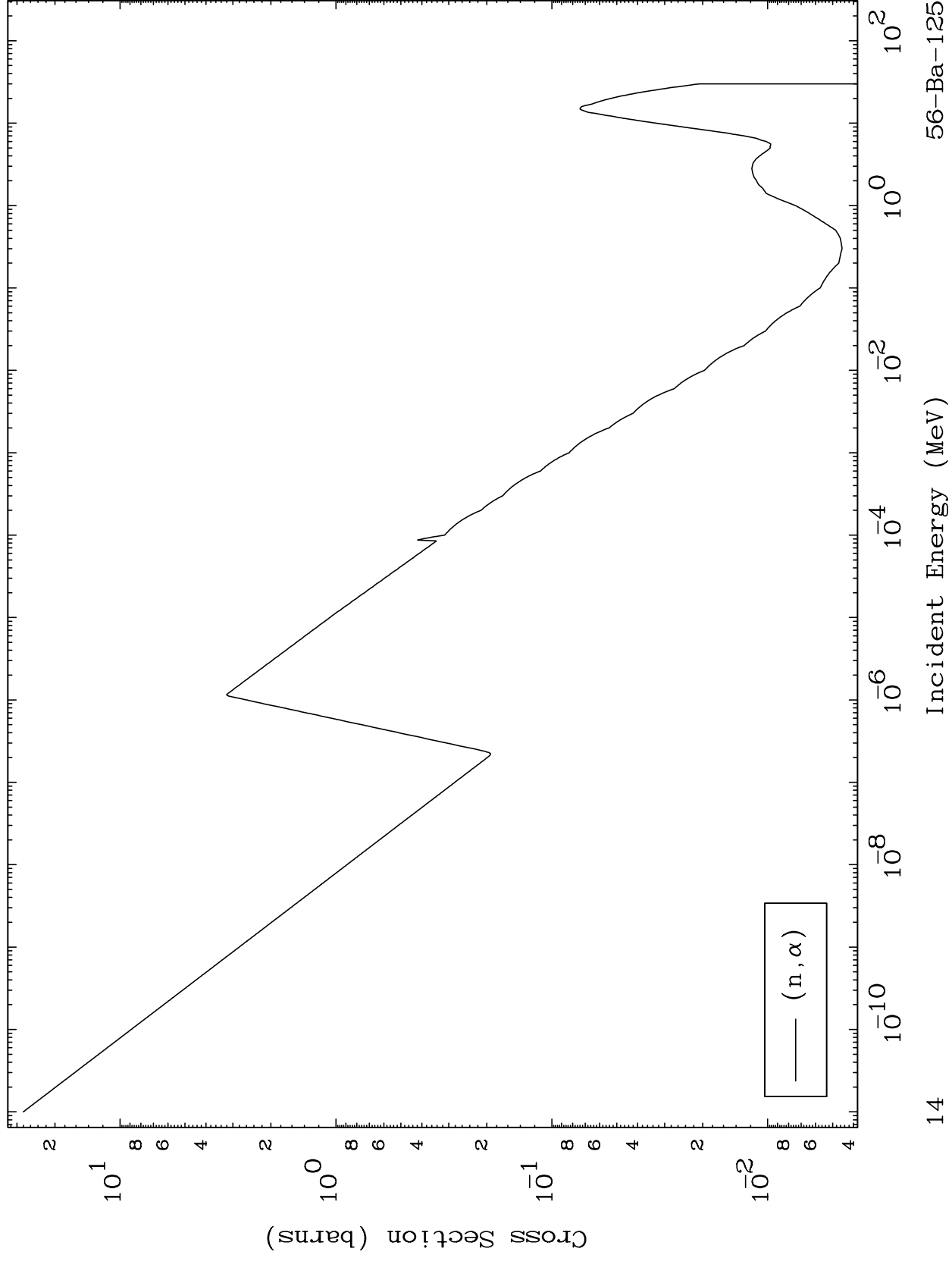
Incident Energy (MeV)

56-Ba-125

MAT 5610

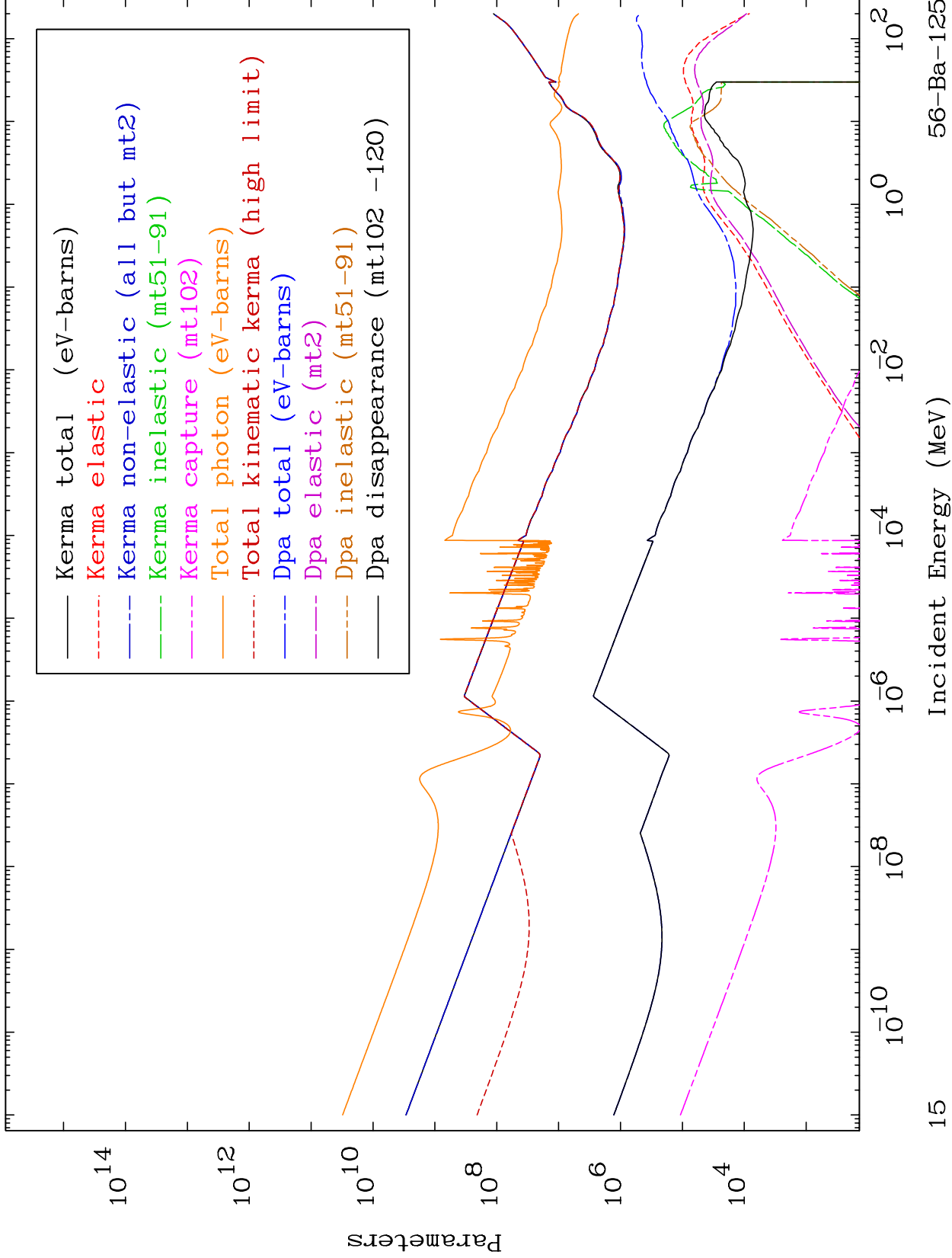
(n,α) Levels
293 Kelvin Cross Sections

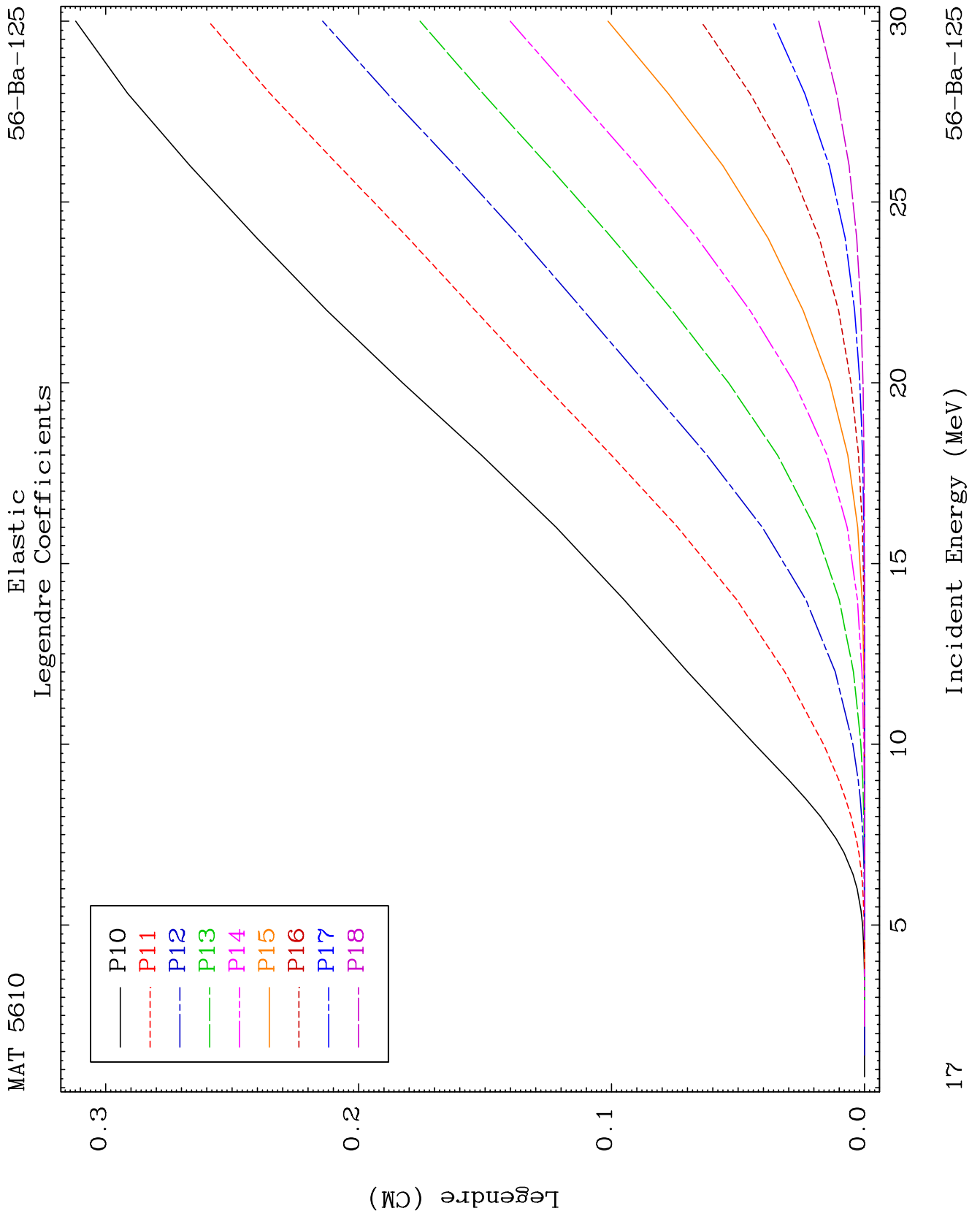
56-Ba-125



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56-Ba-125

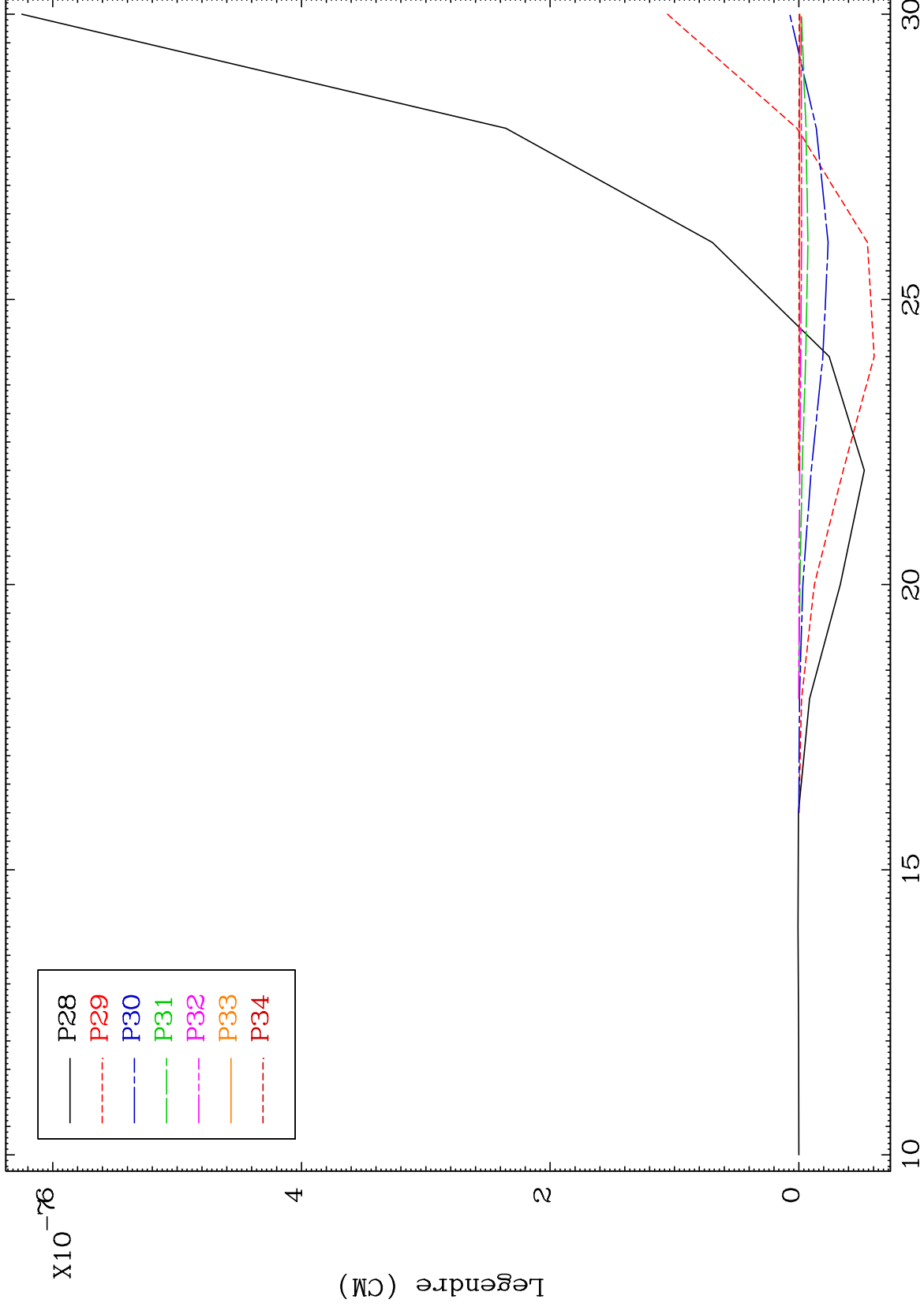




MAT 5610

Elastic
Legendre Coefficients

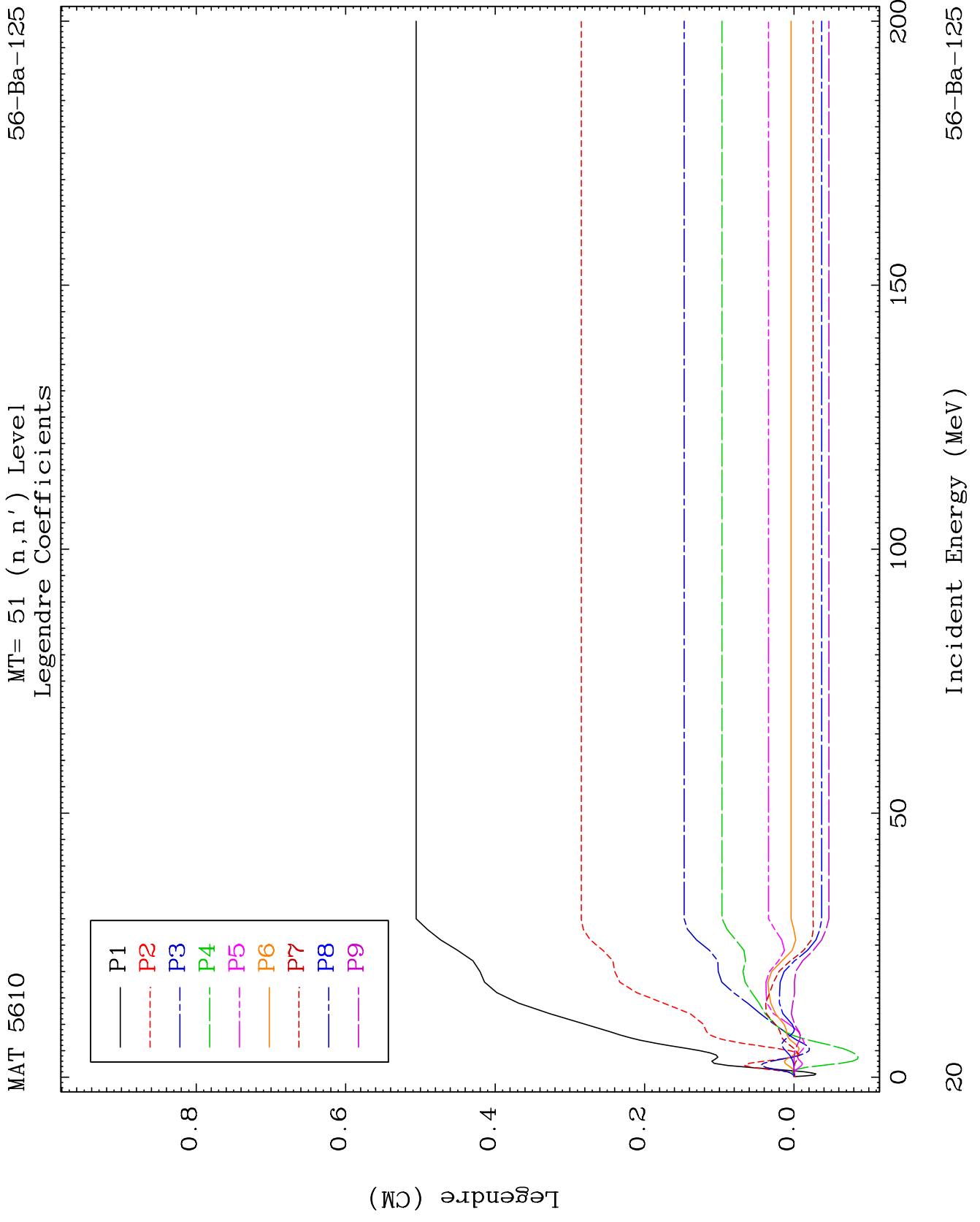
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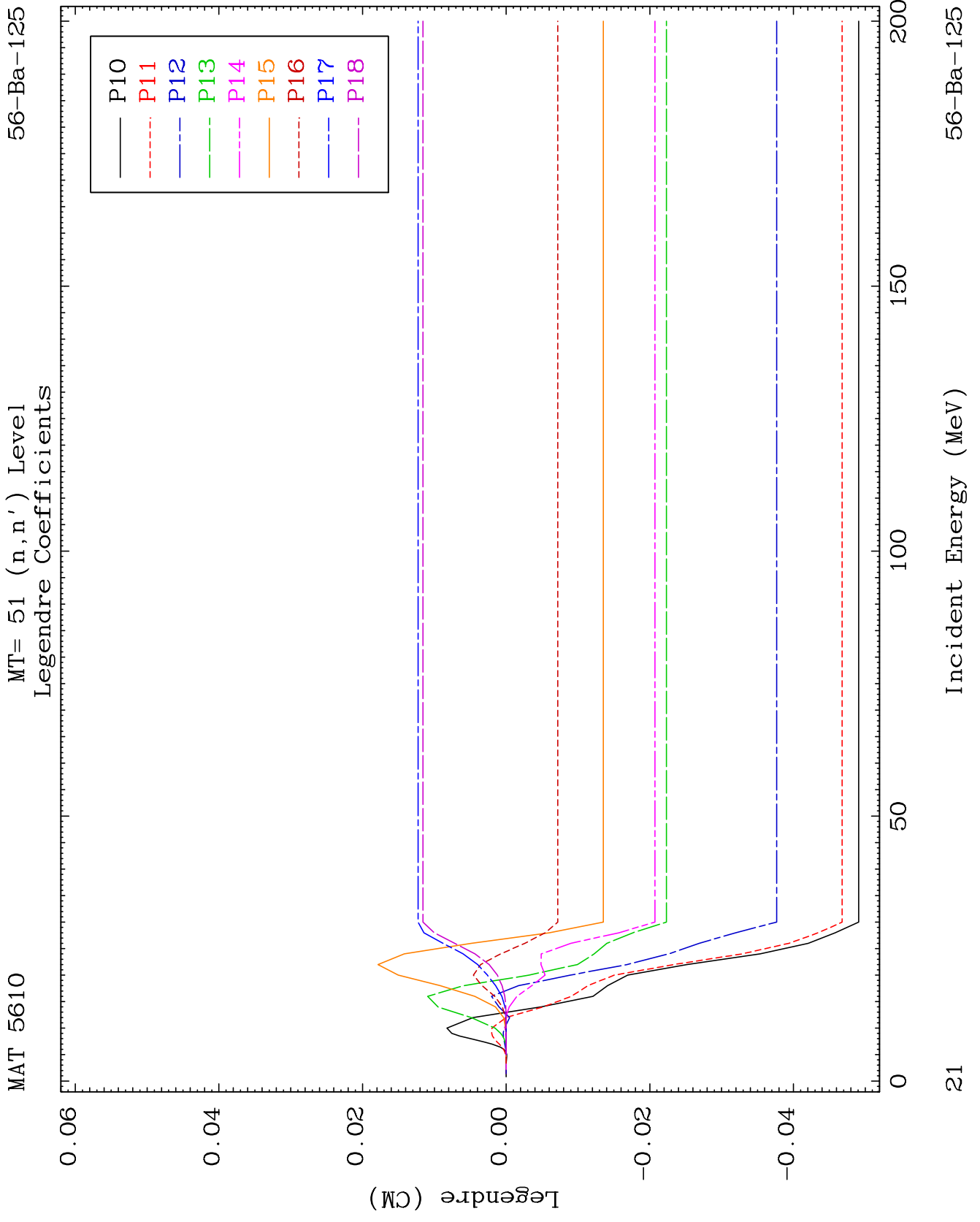


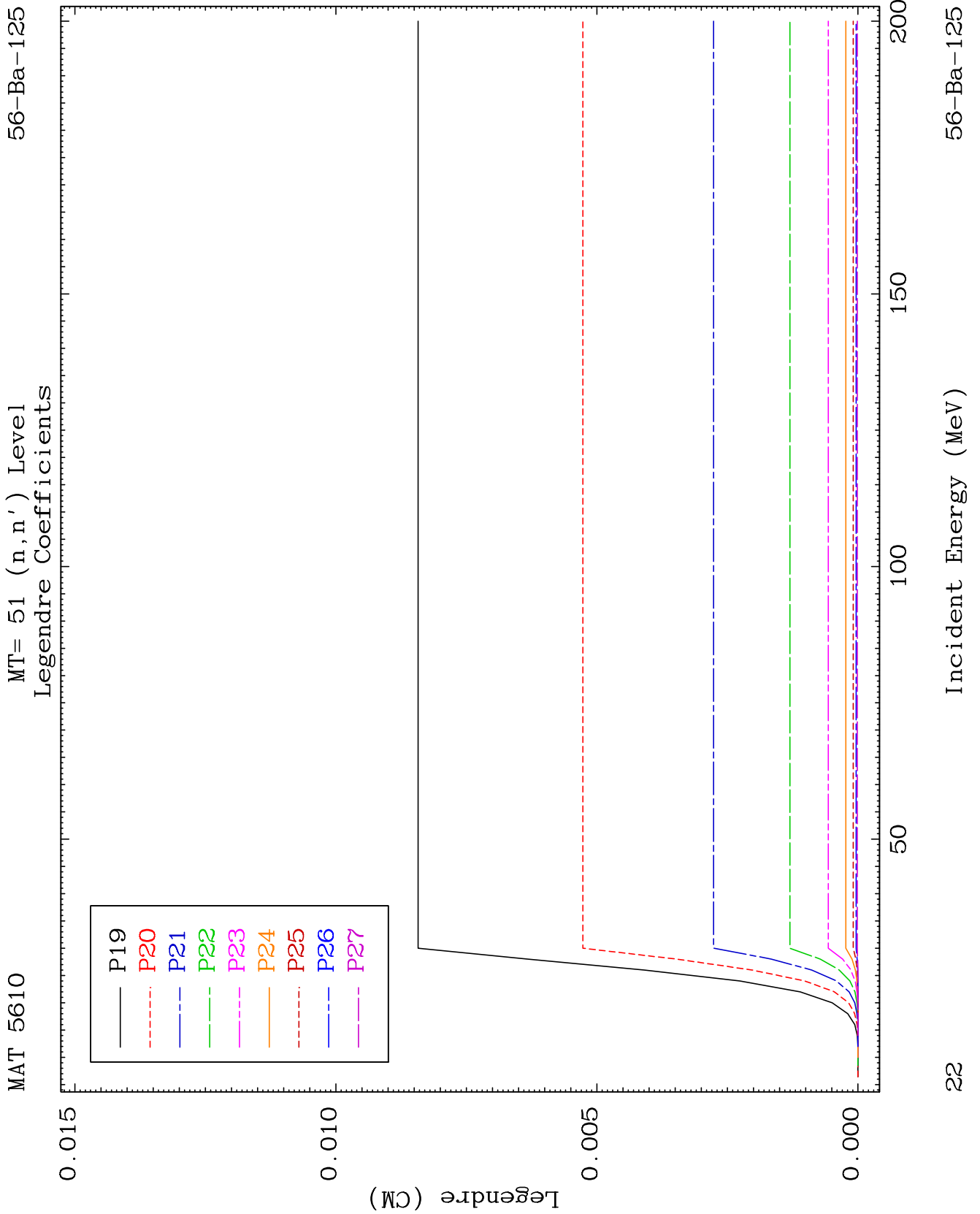
19

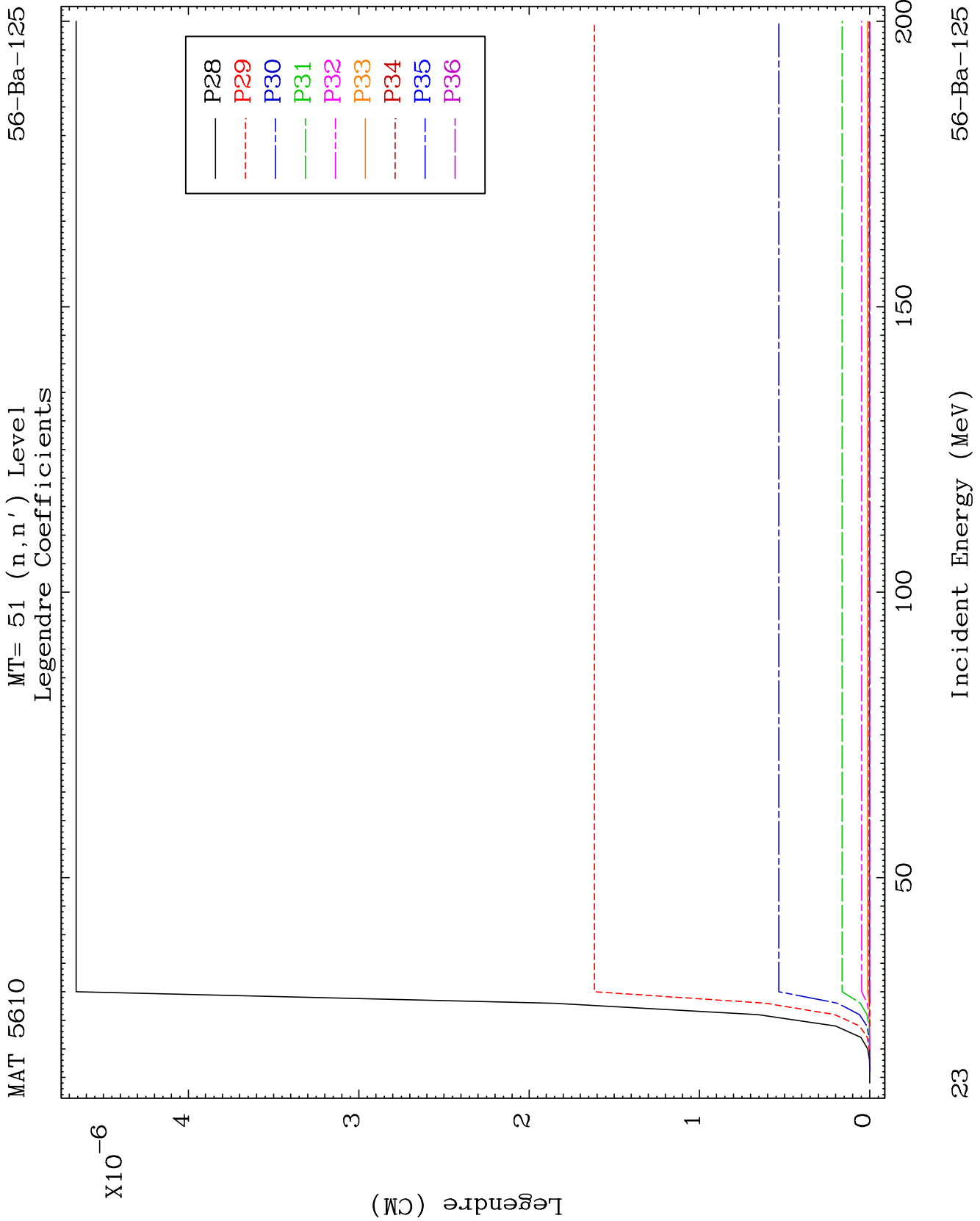
Incident Energy (MeV)

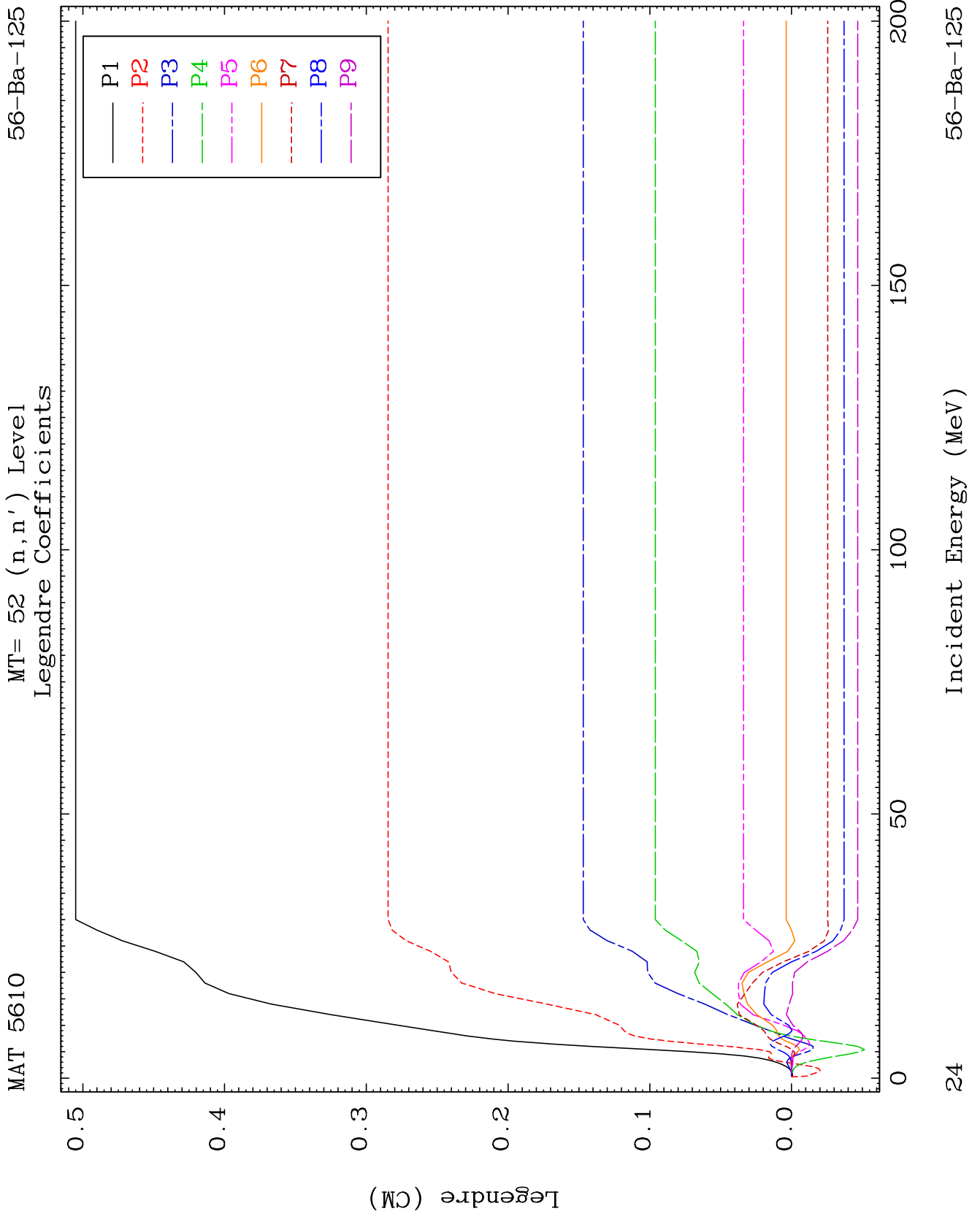
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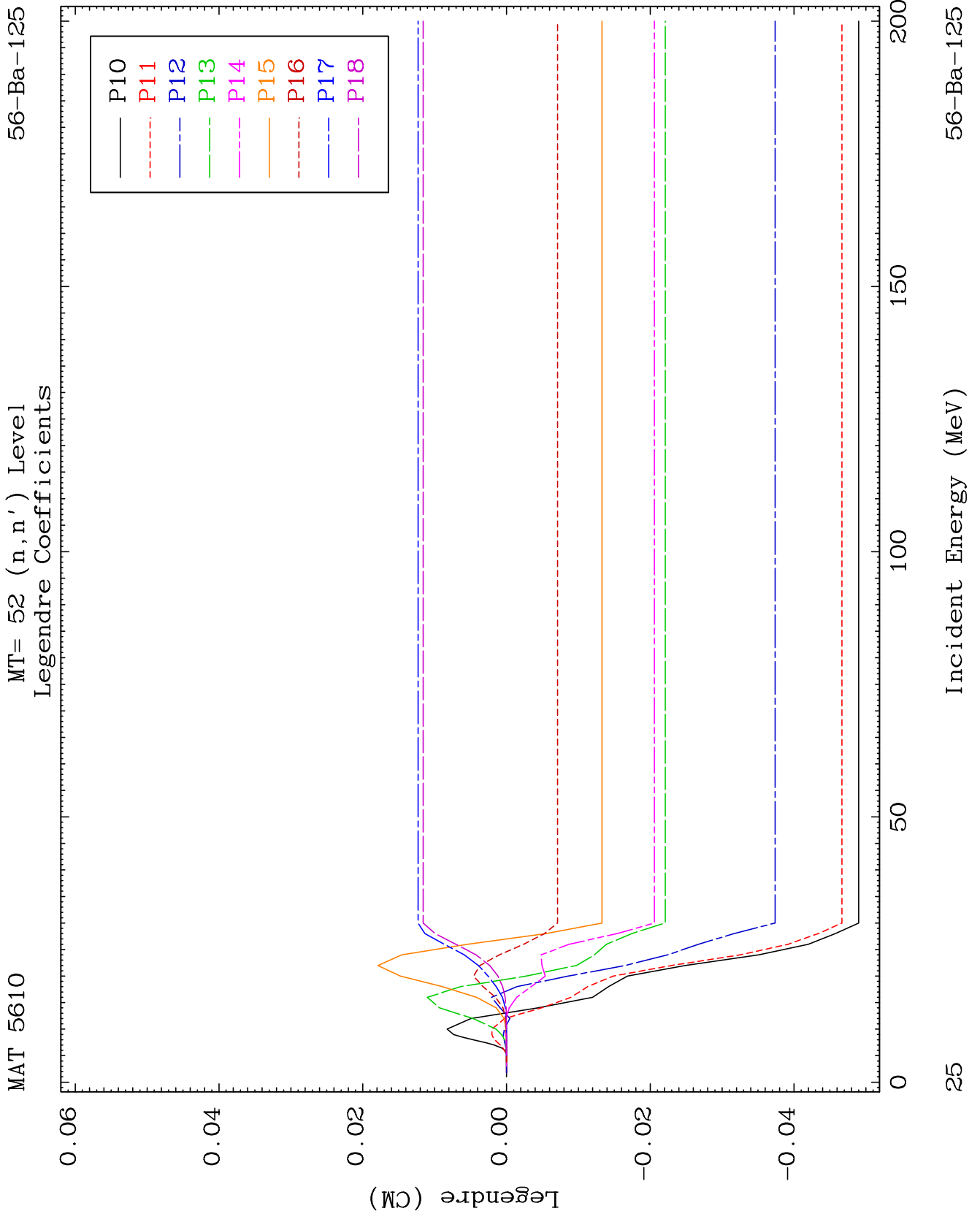








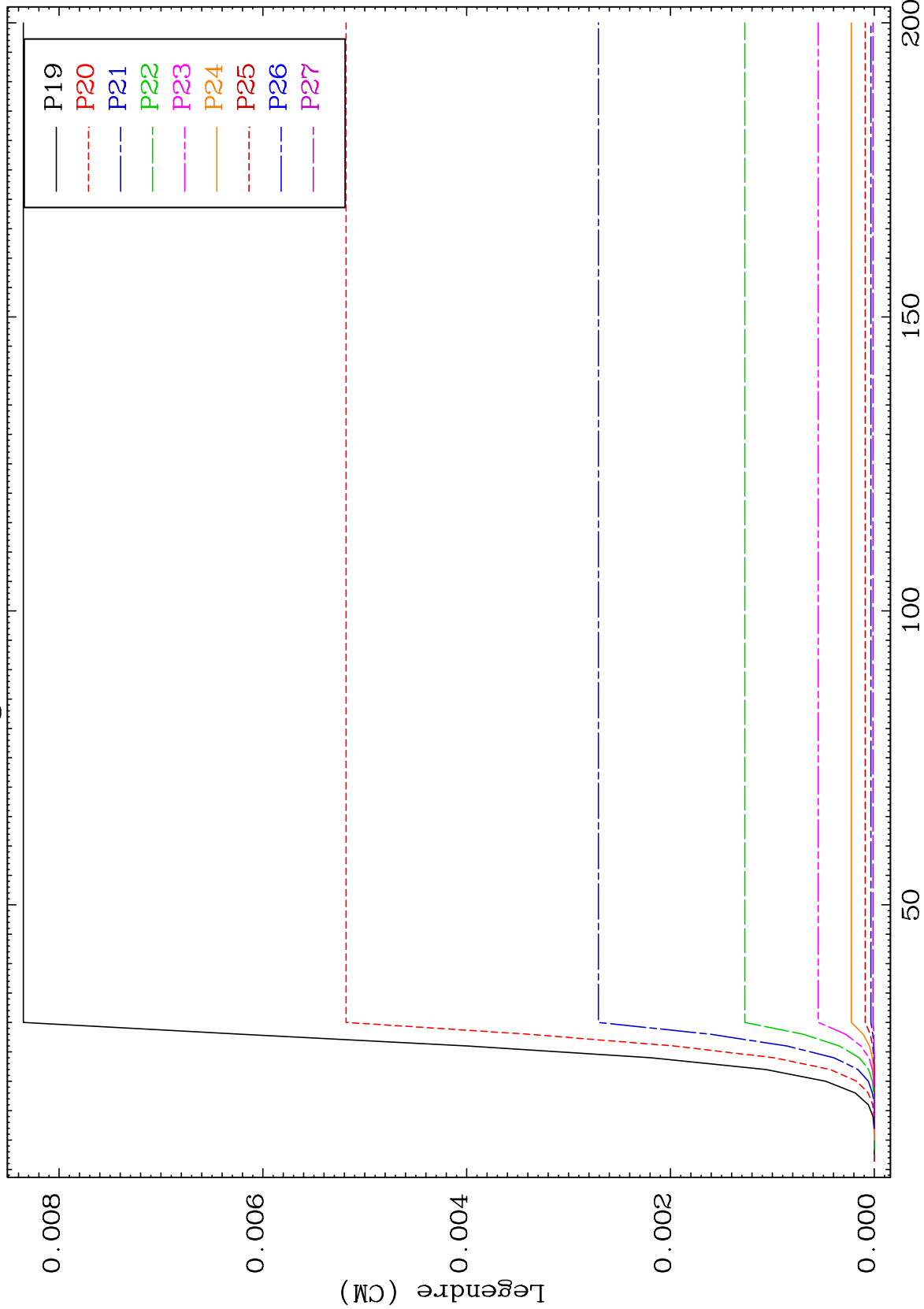




MAT 5610

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

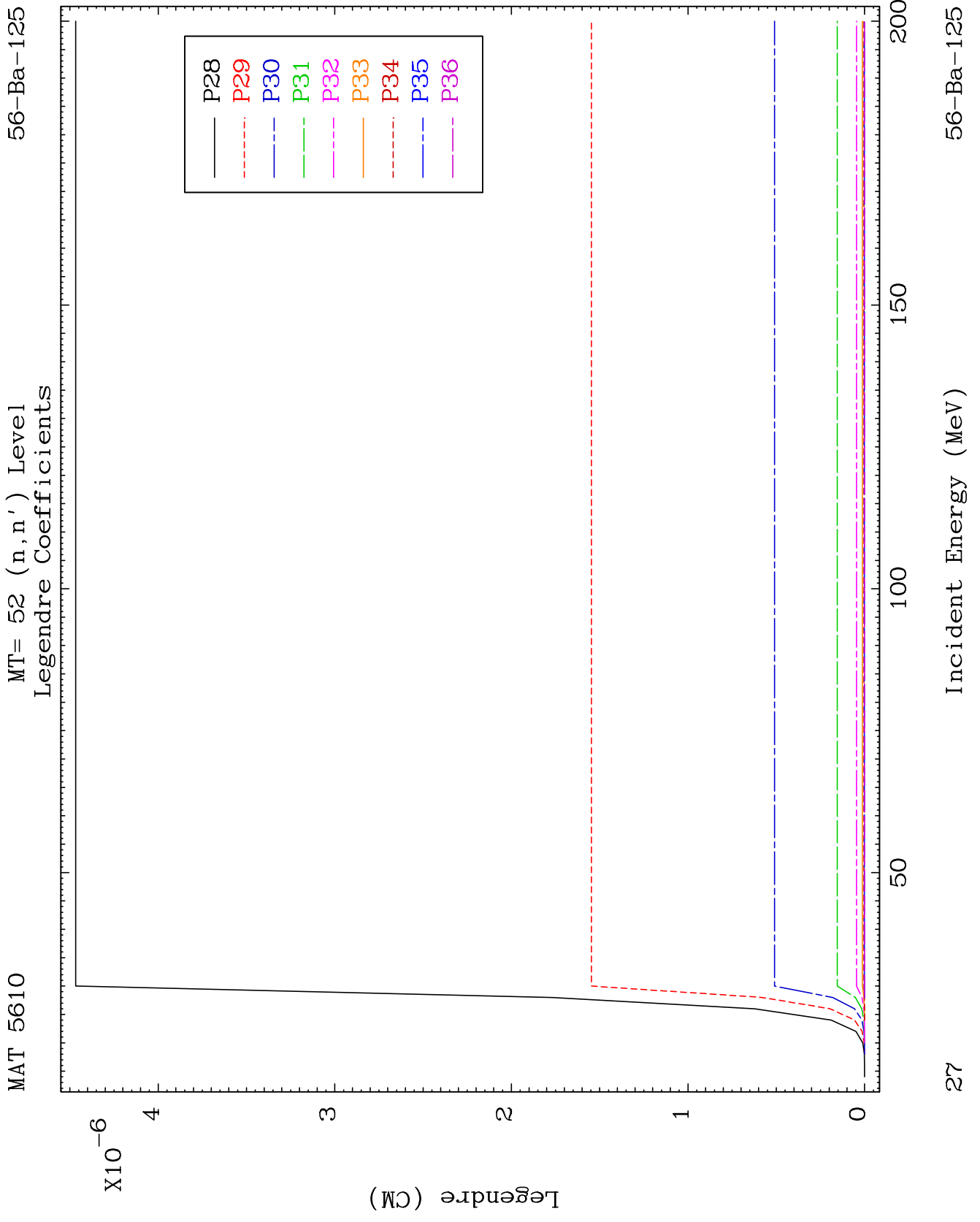
56-Ba-125



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Incident Energy (MeV)

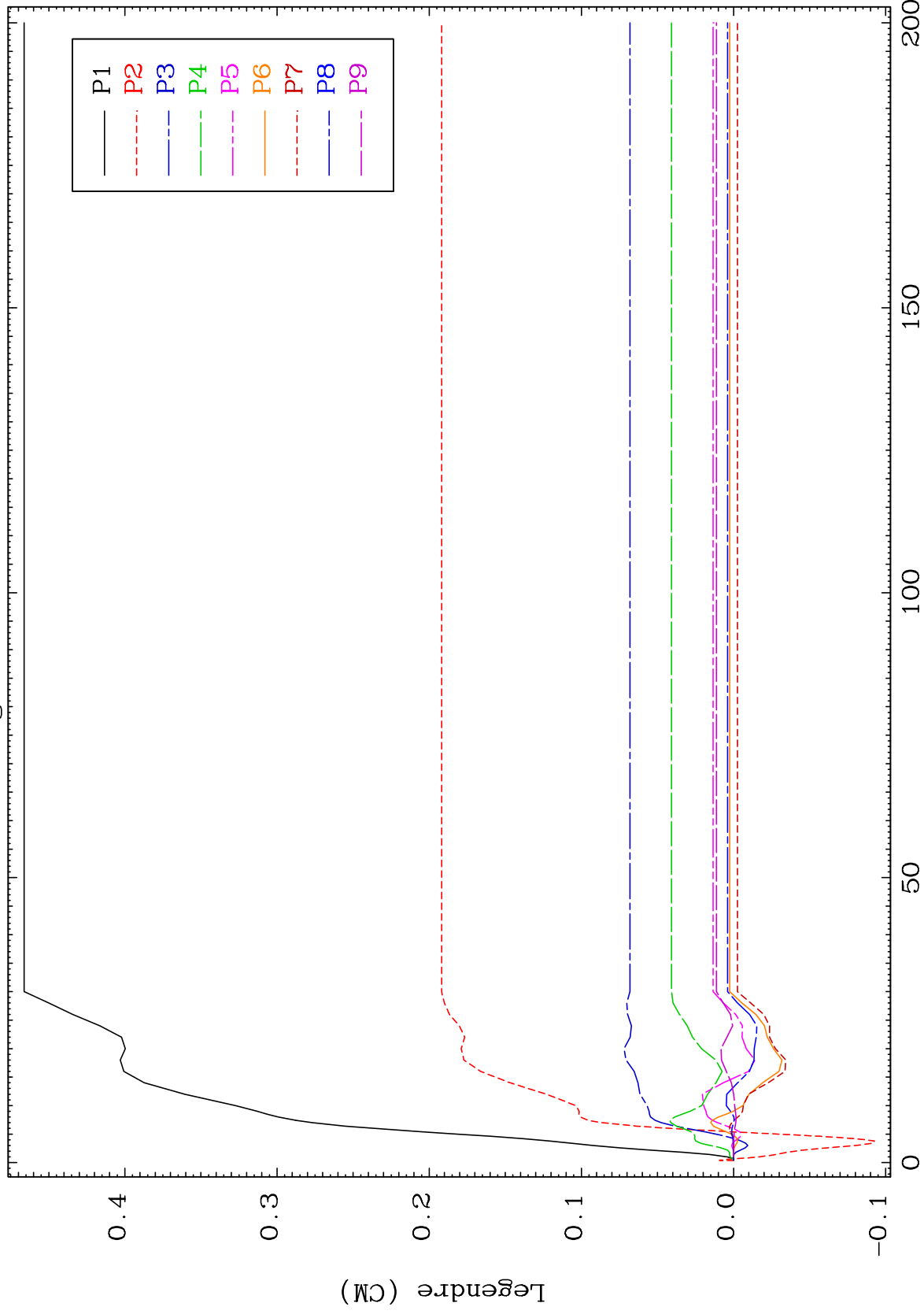
56-Ba-125



MAT 5610

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

56-Ba-125



28

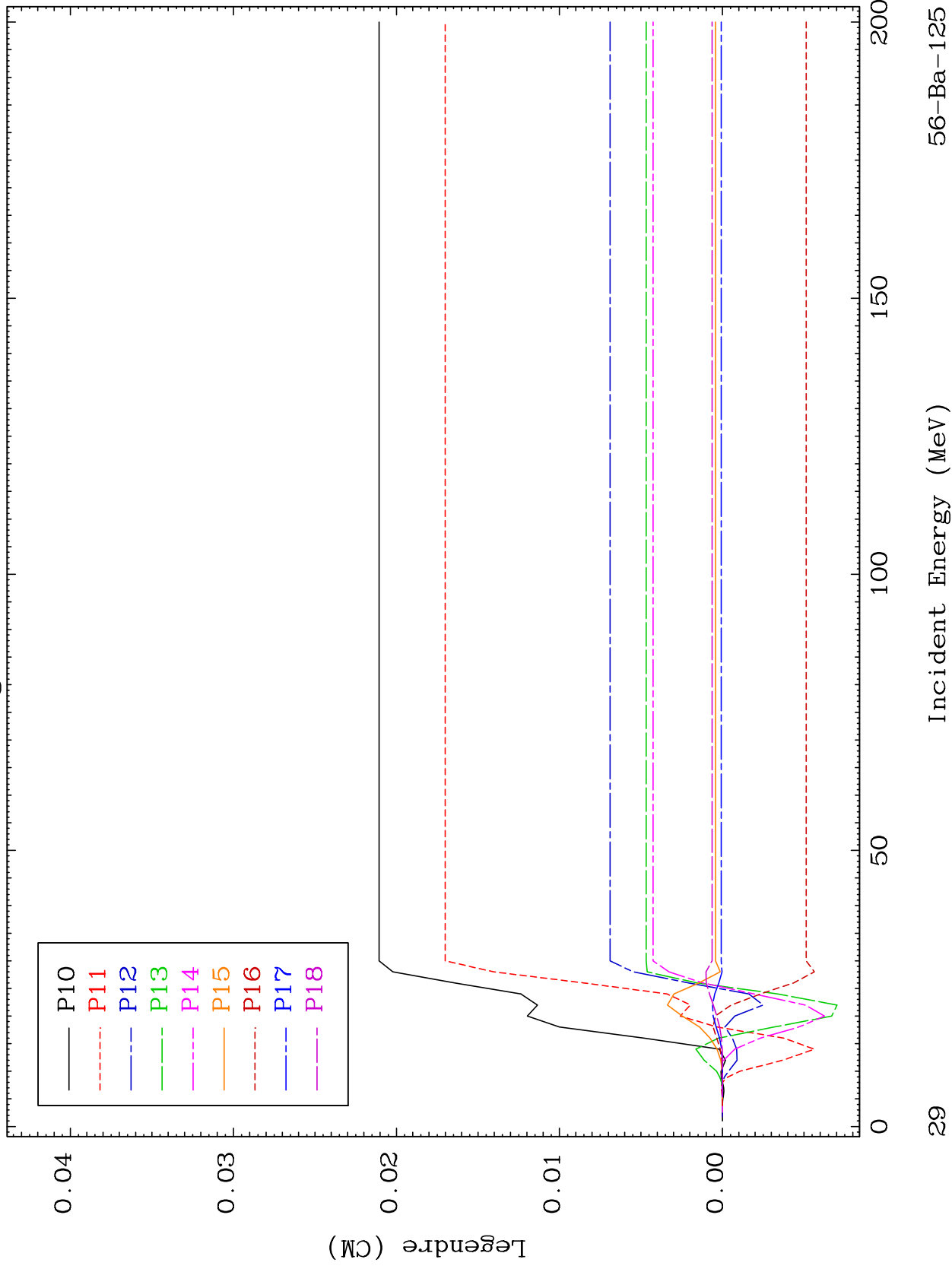
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

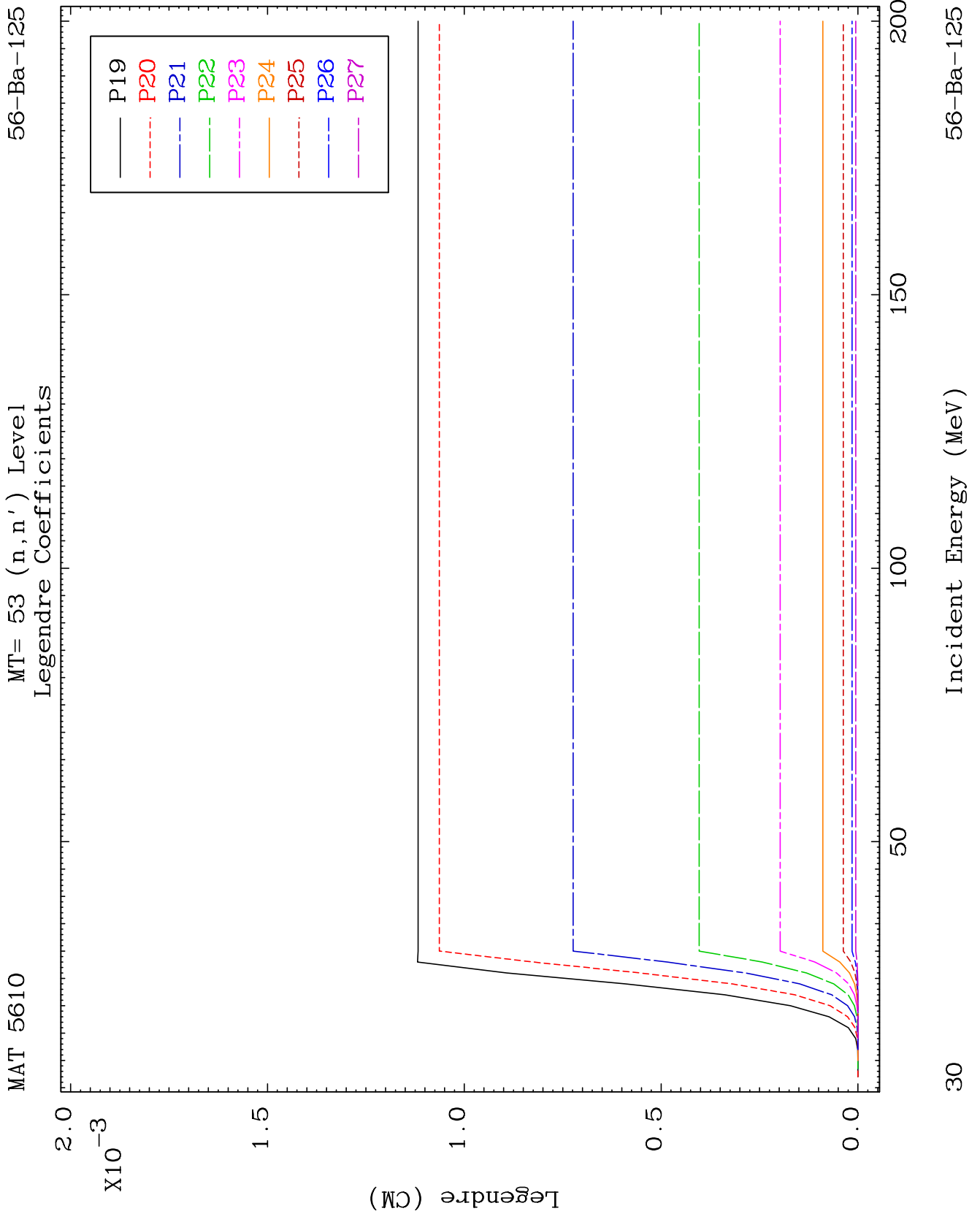
56-Ba-125



29

Incident Energy (MeV)

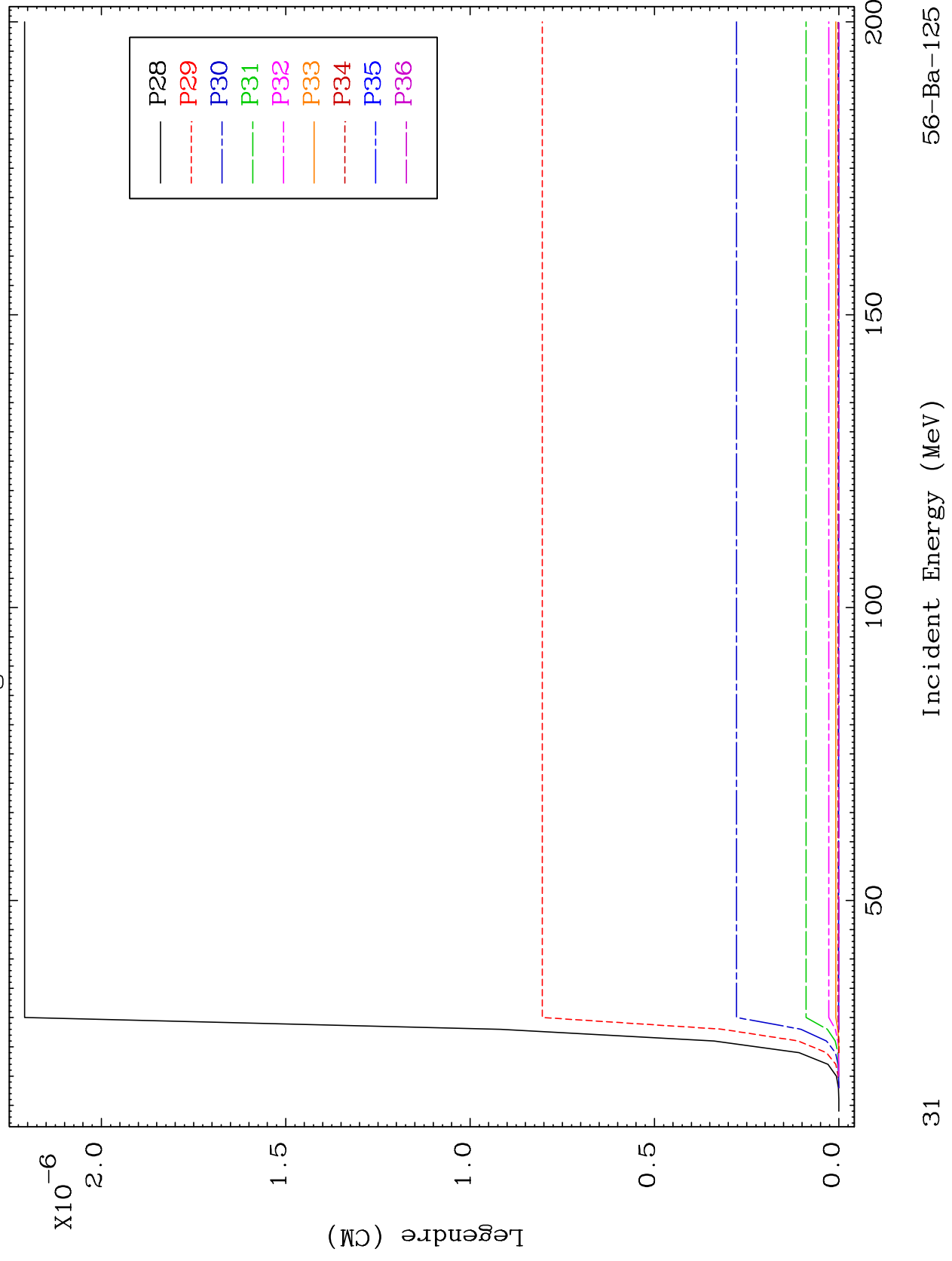
56-Ba-125



MAT 5610

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

56-Ba-125



56-Ba-125

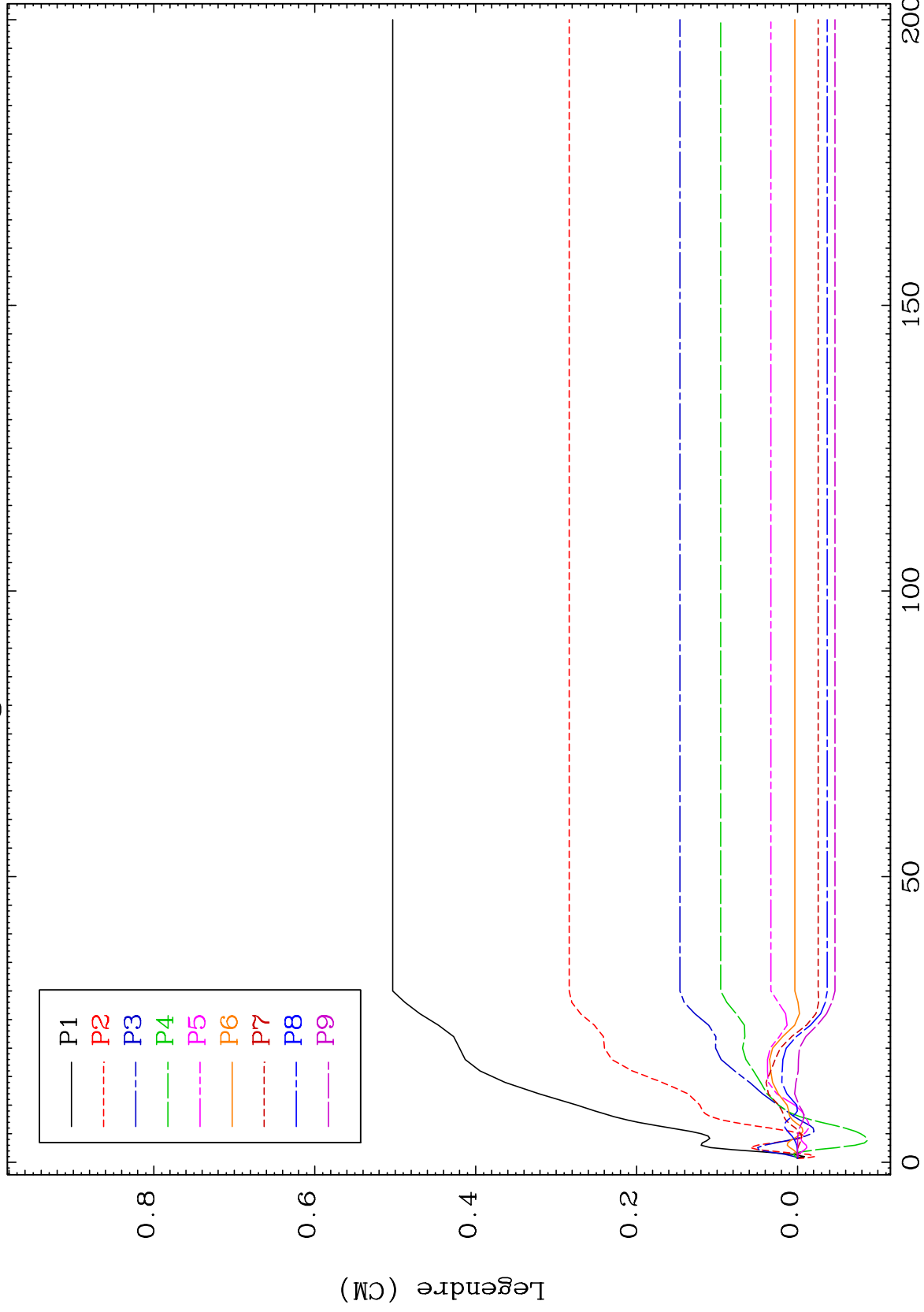
Incident Energy (MeV)

31

MAT 5610

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

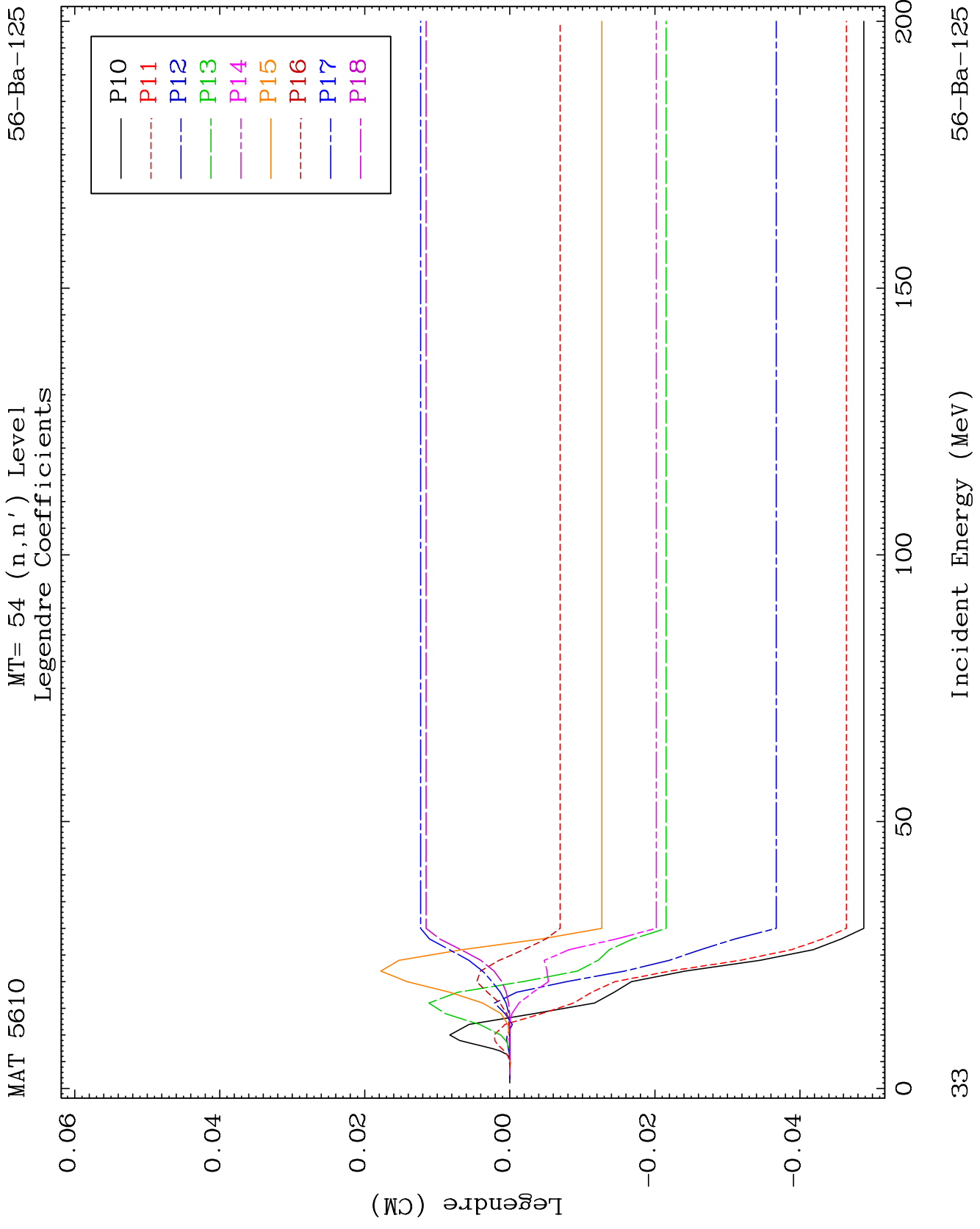
56-Ba-125



56-Ba-125

Incident Energy (MeV)

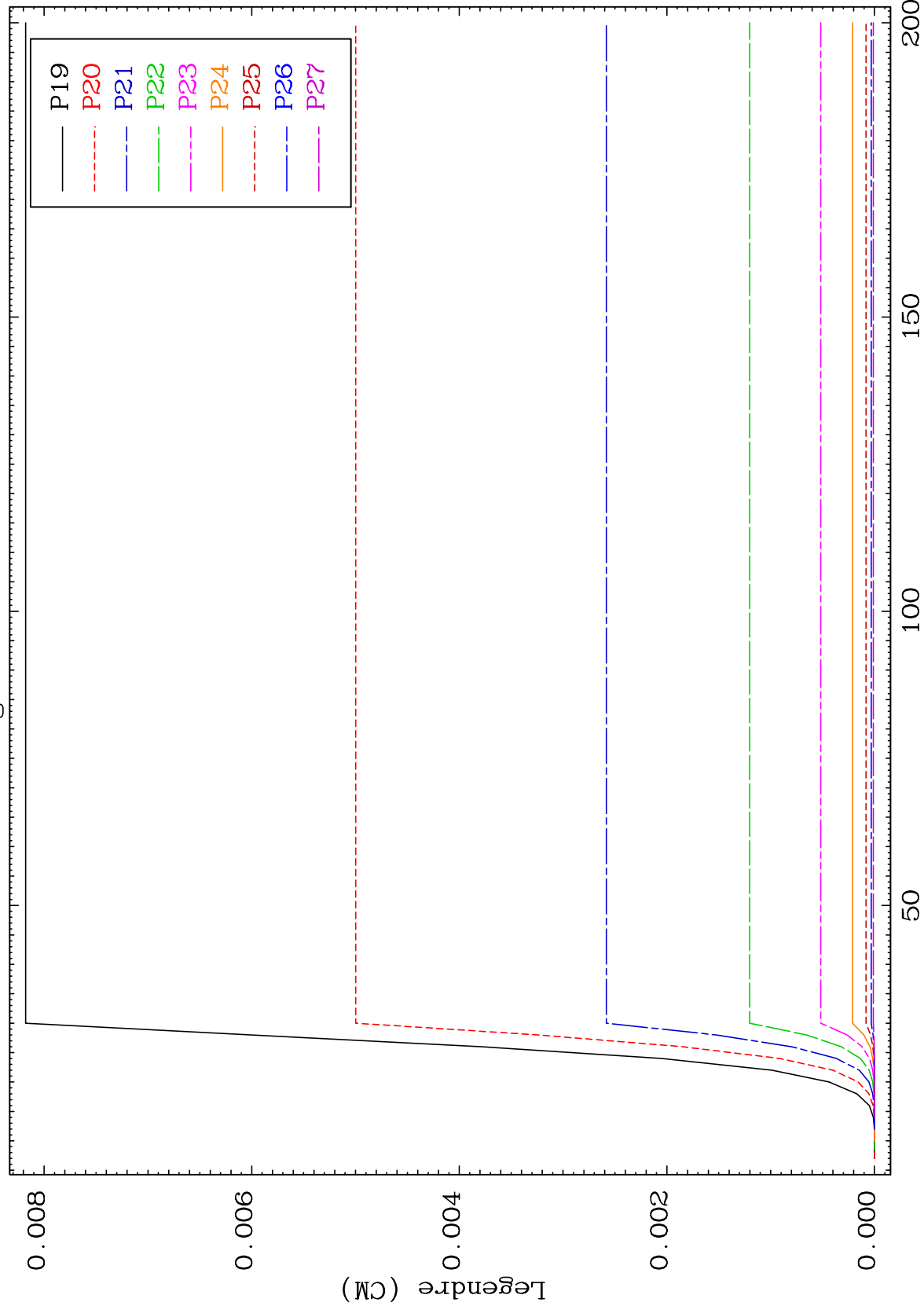
32



MAT 5610

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

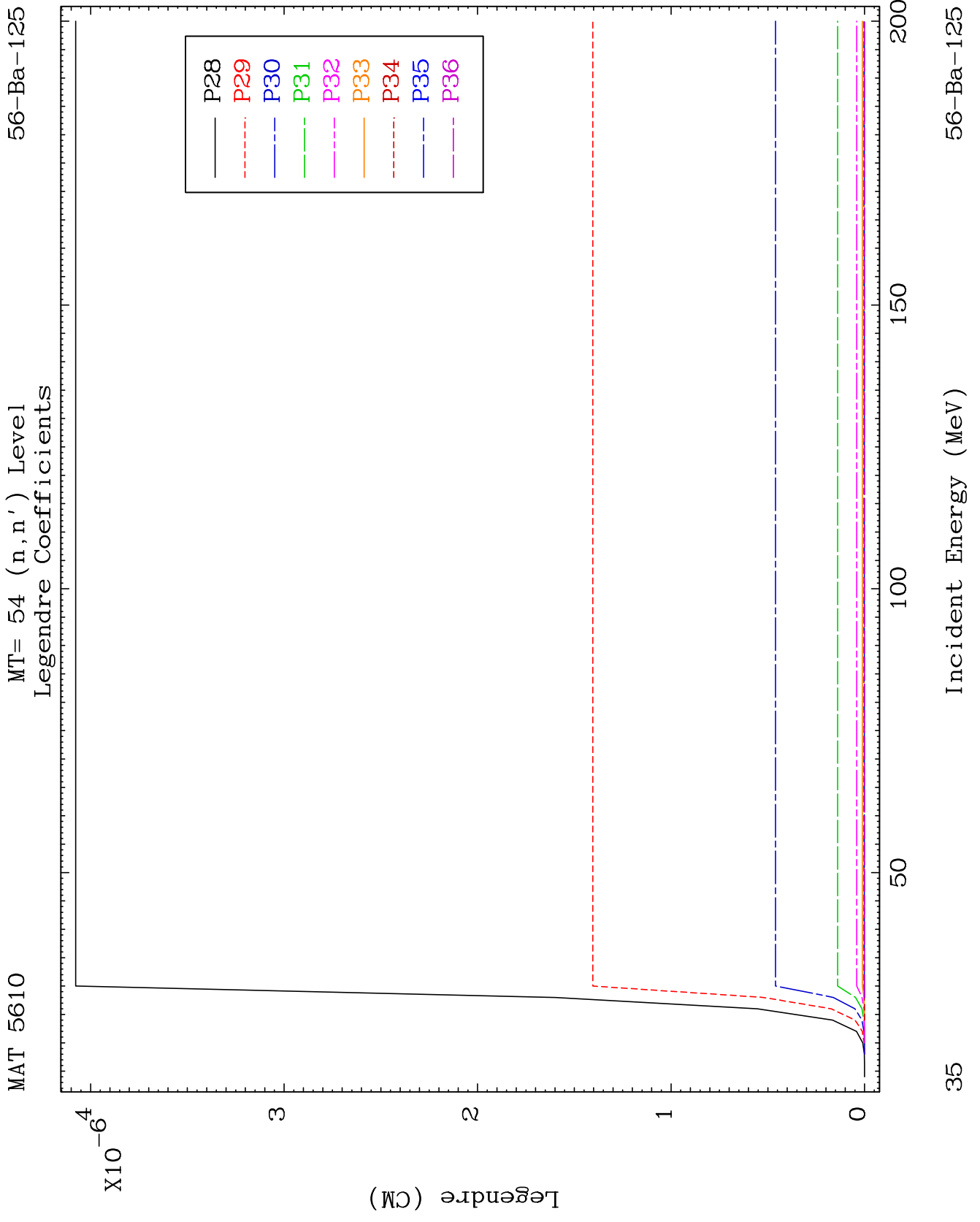
56-Ba-125



34

Incident Energy (MeV)

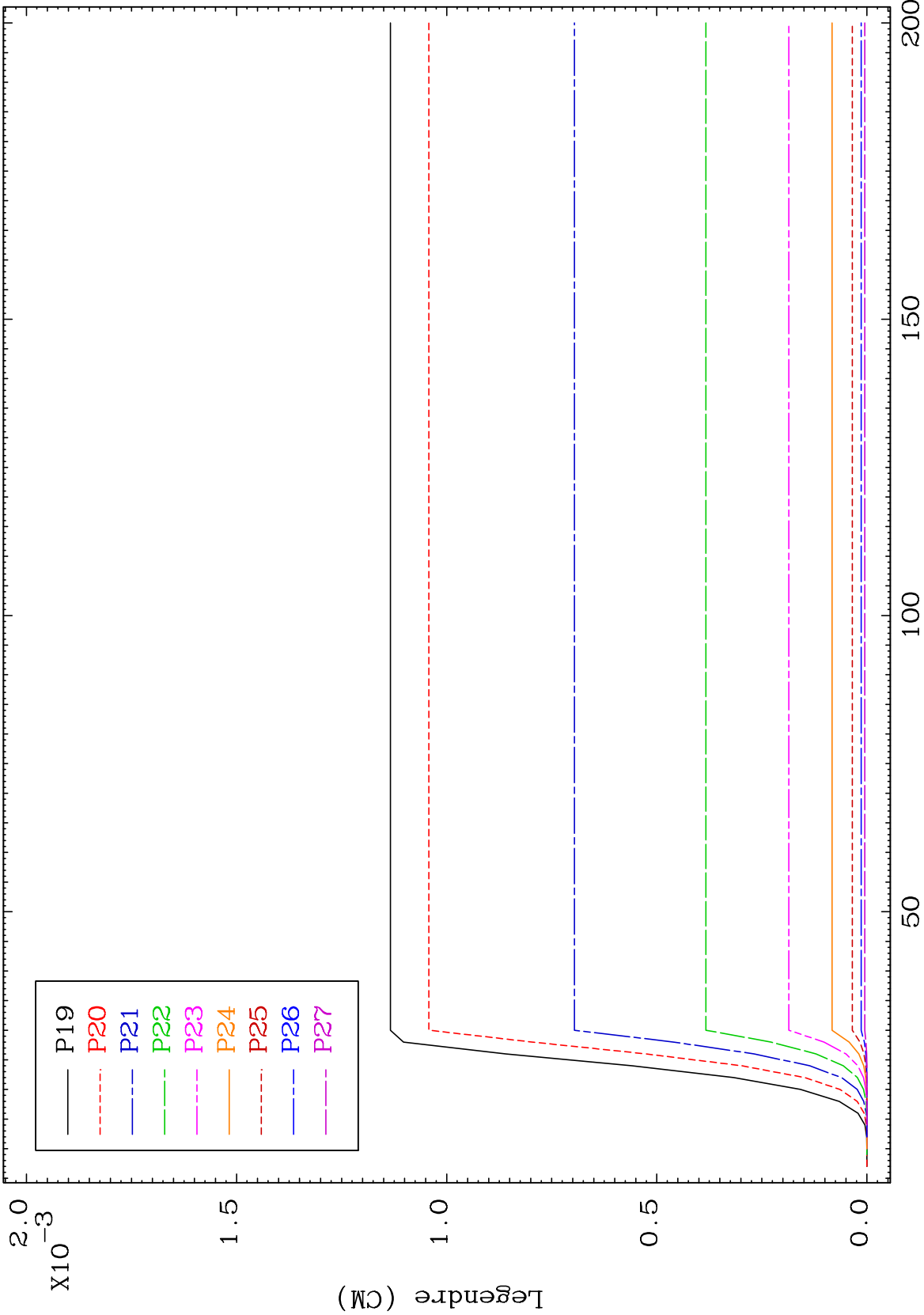
56-Ba-125



MAT 5610

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

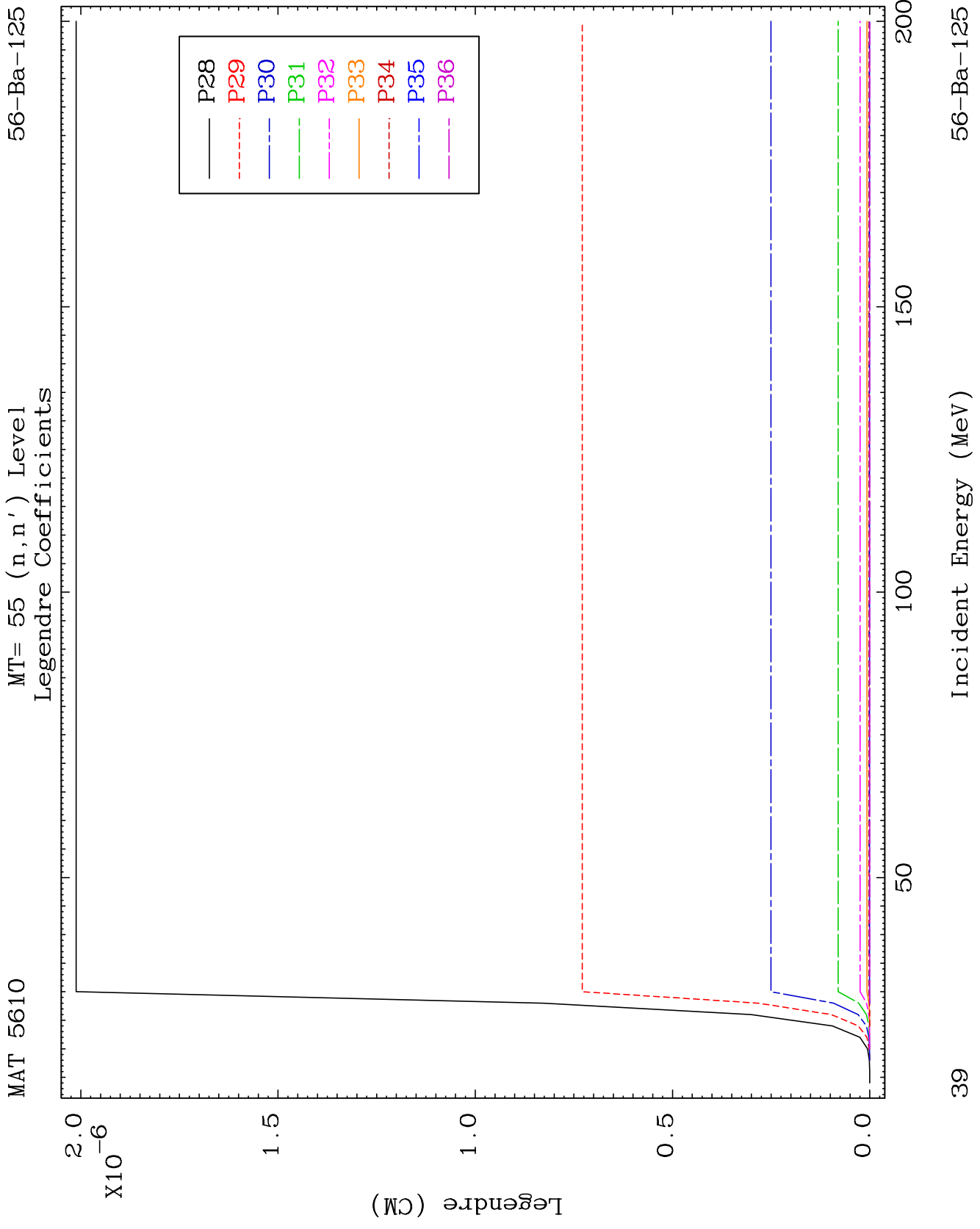
56-Ba-125

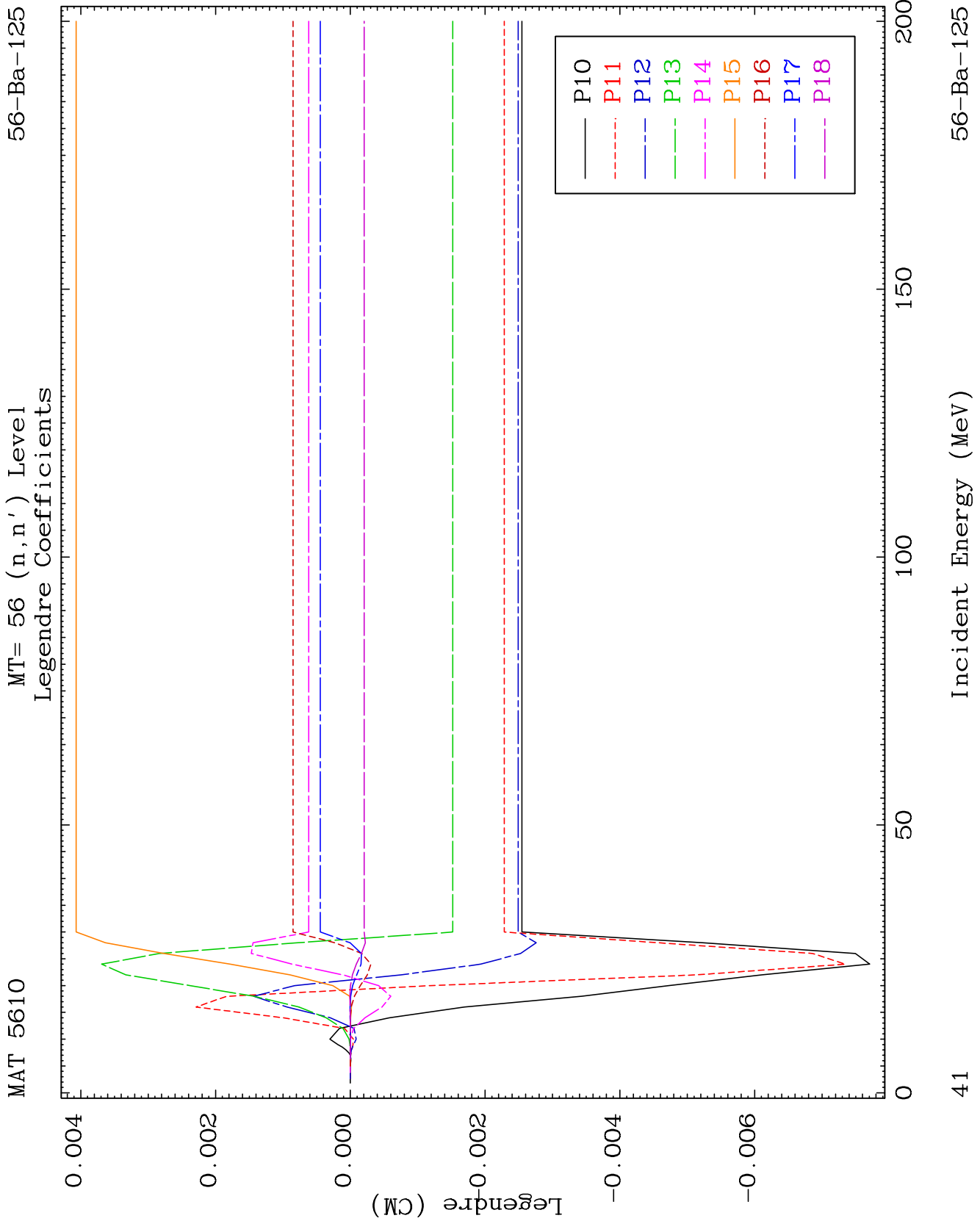


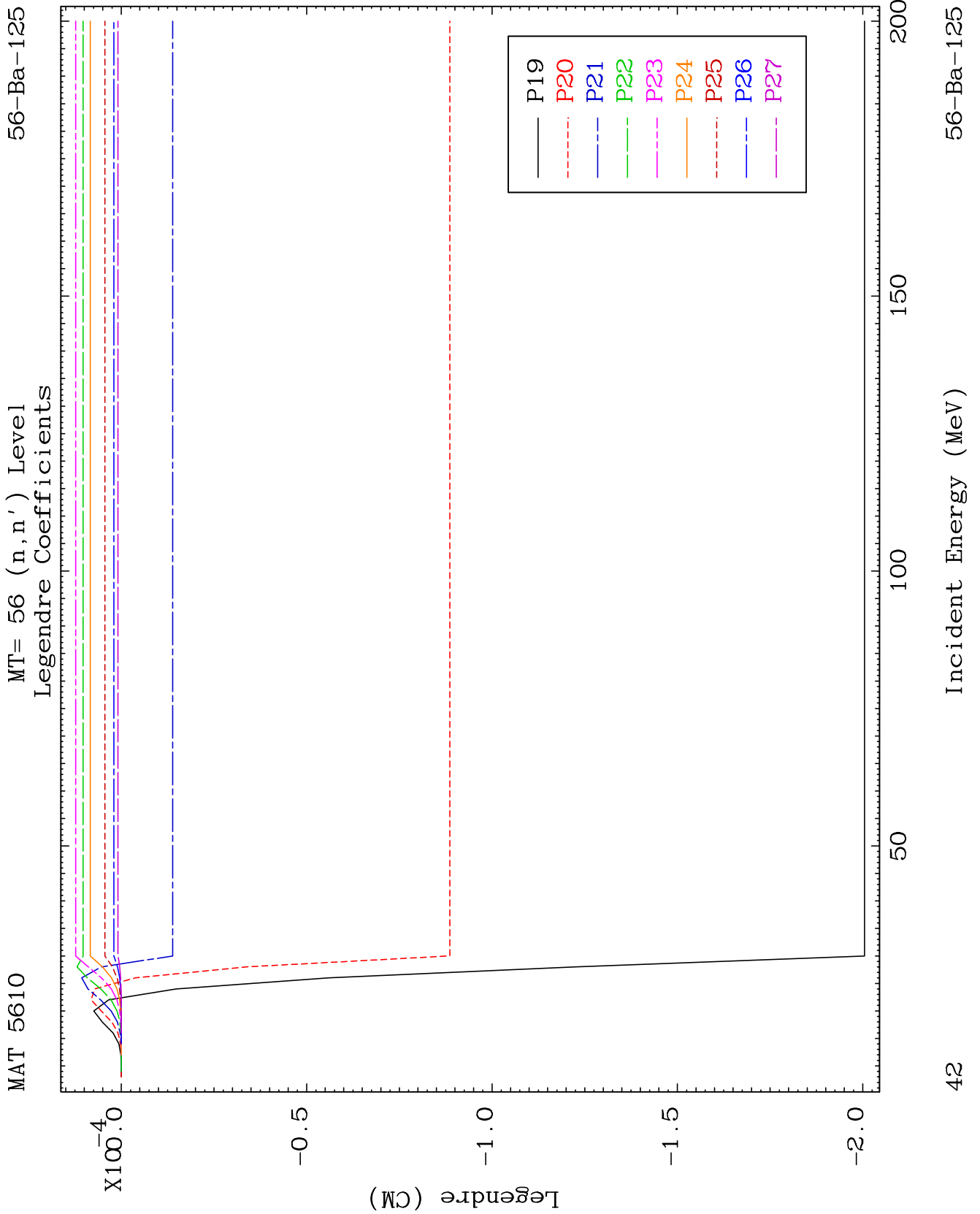
38

Incident Energy (MeV)

56-Ba-125



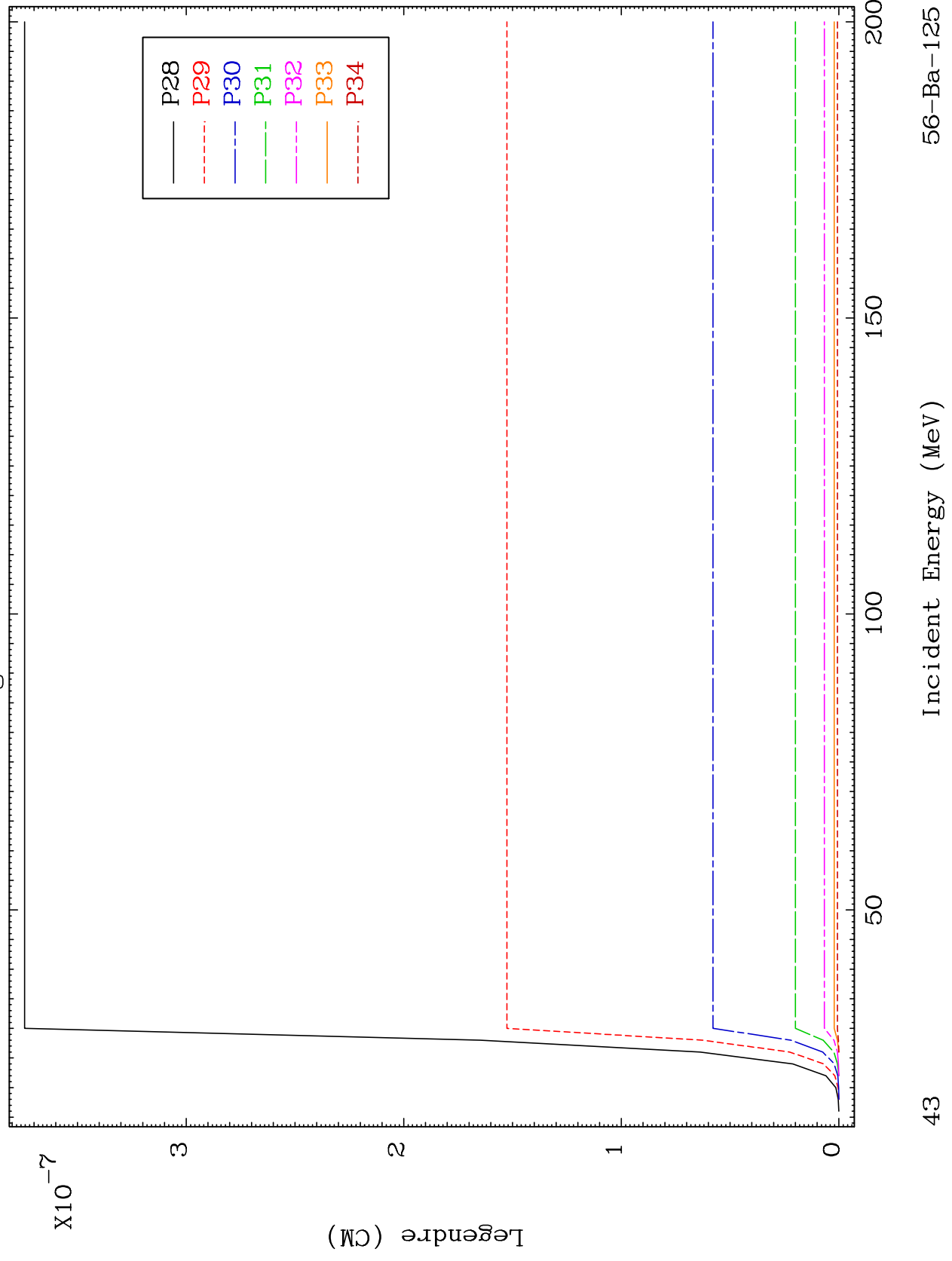




MAT 5610

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

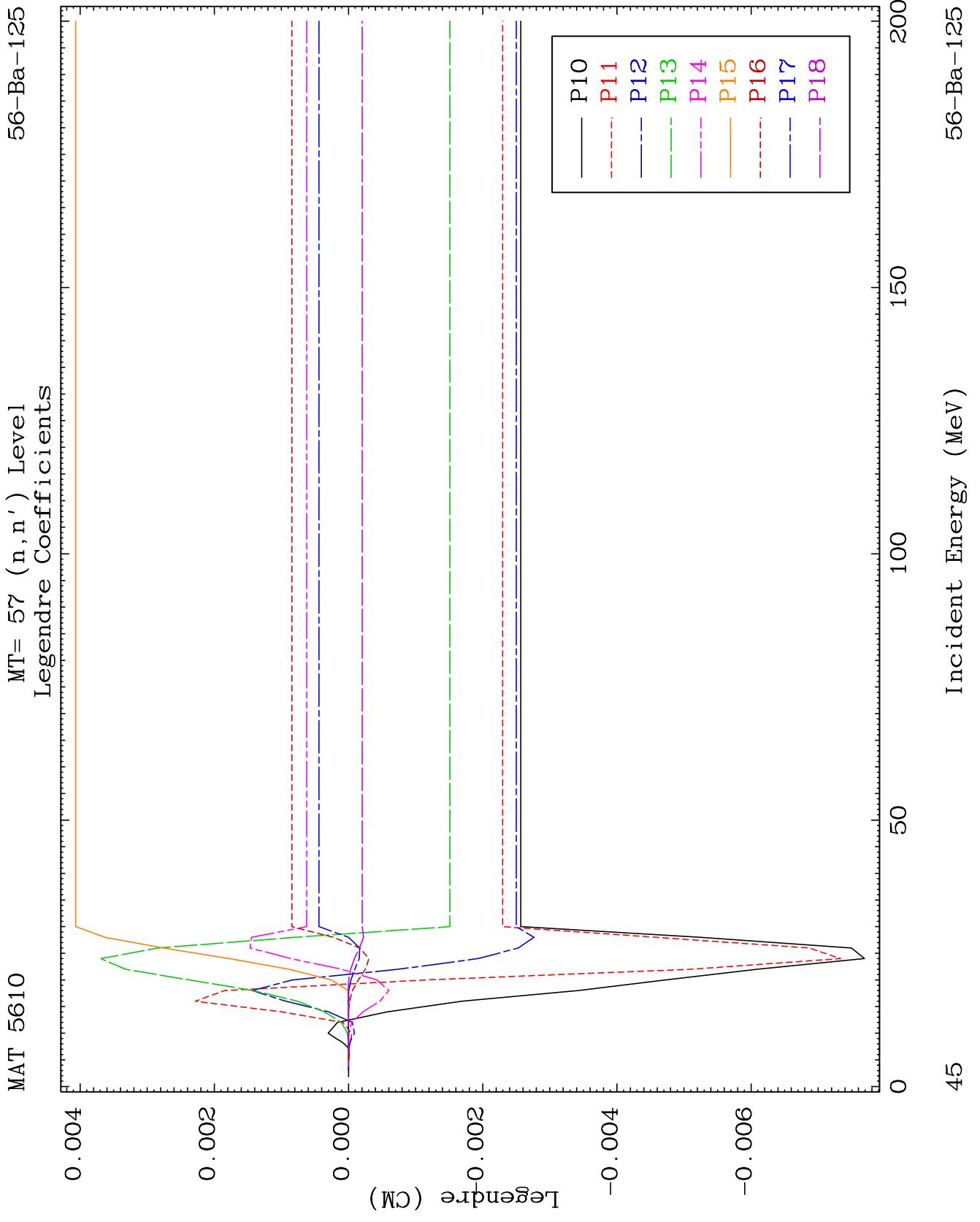
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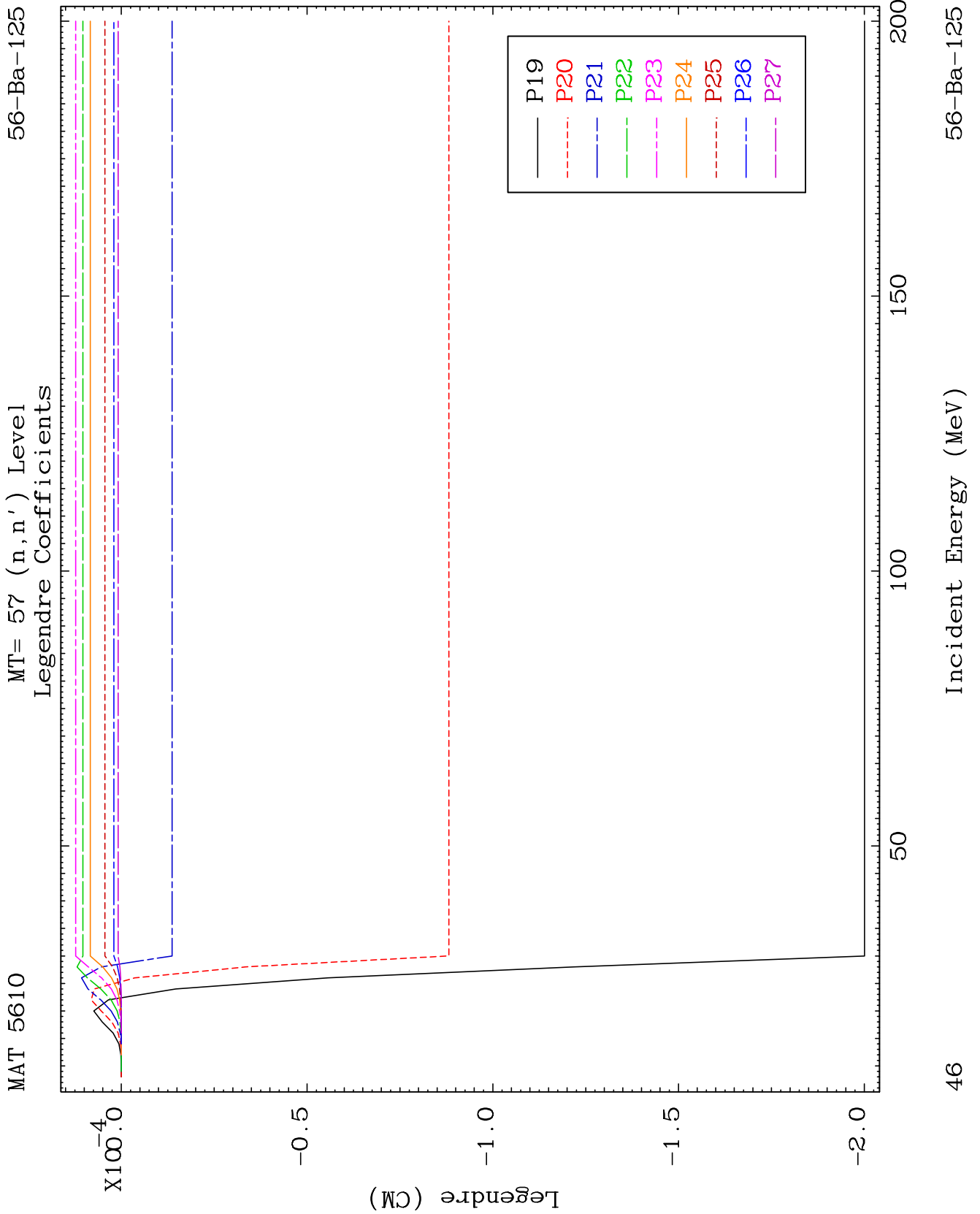


43

Incident Energy (MeV)

56-Ba-125



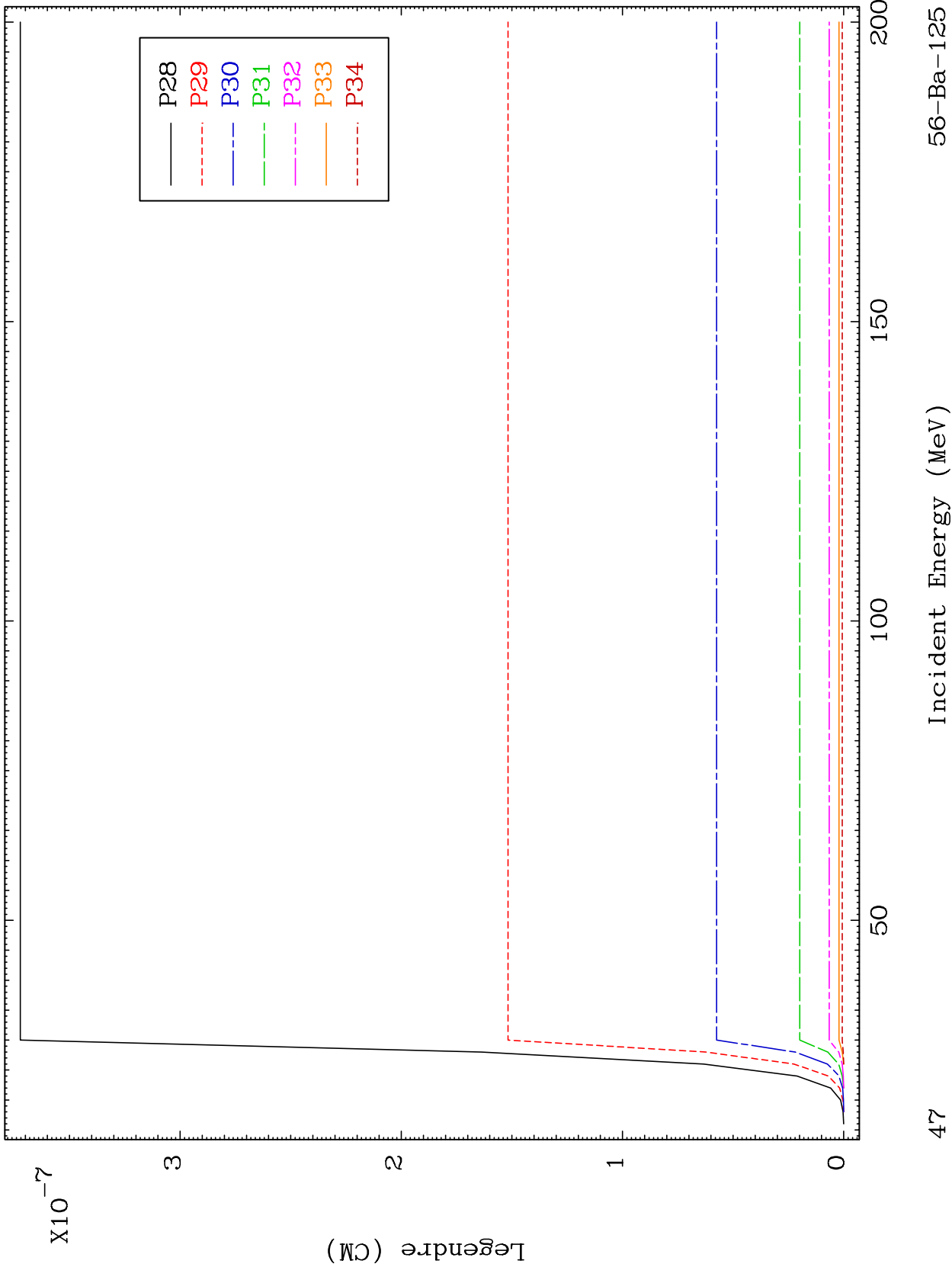


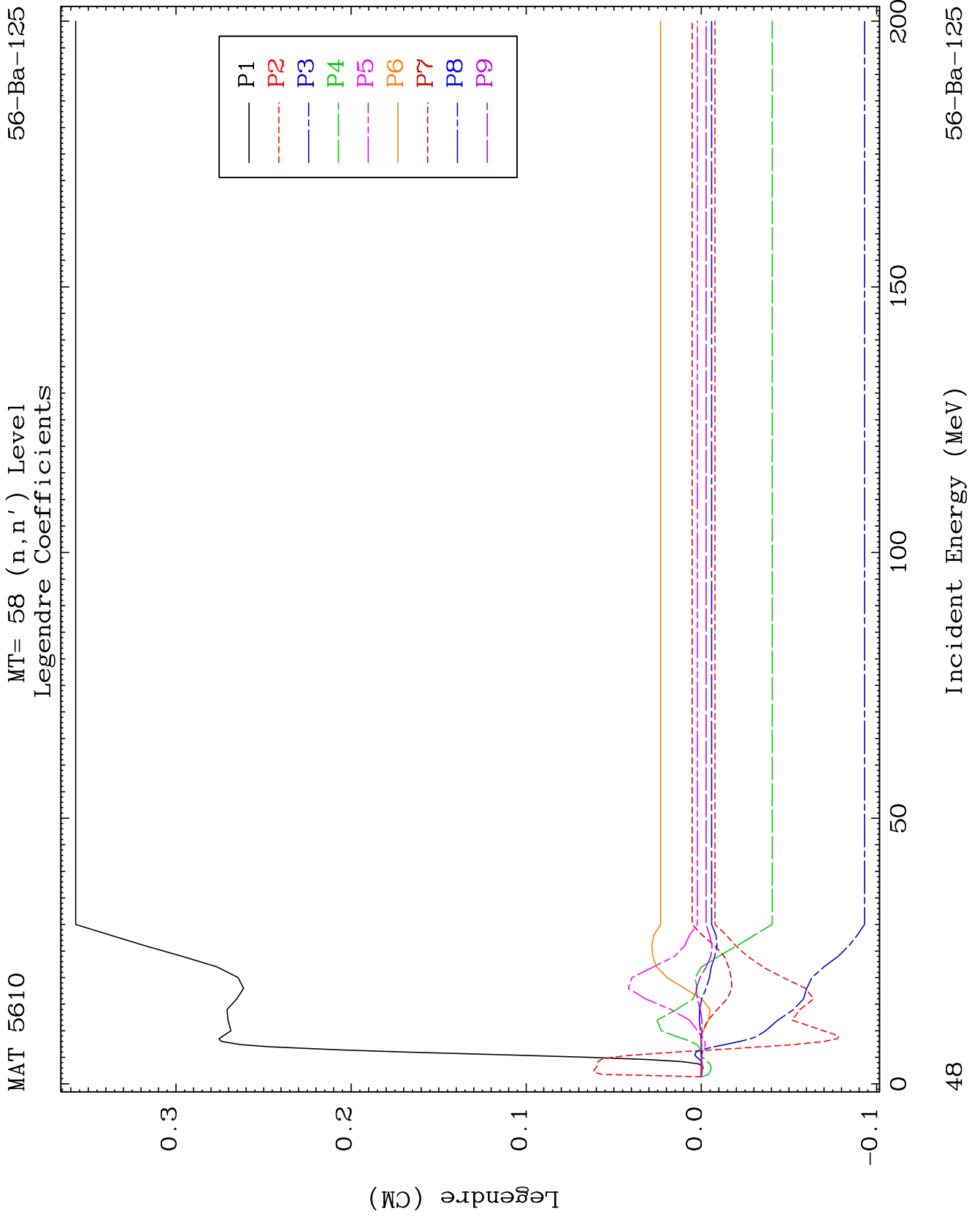
MAT 5610

MT= 57 (n,n') Level

56-Ba-125

Legendre Coefficients

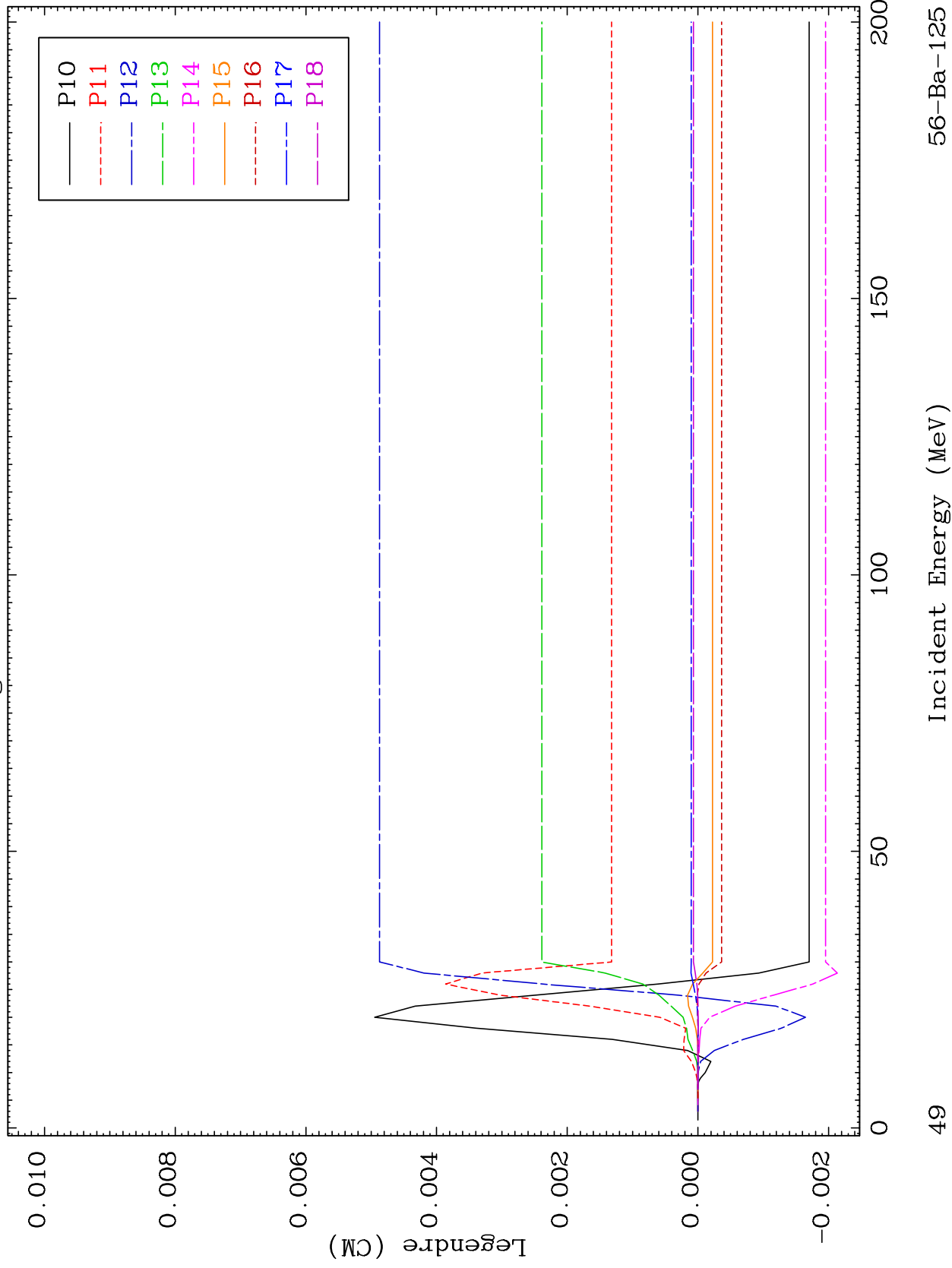




MAT 5610

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

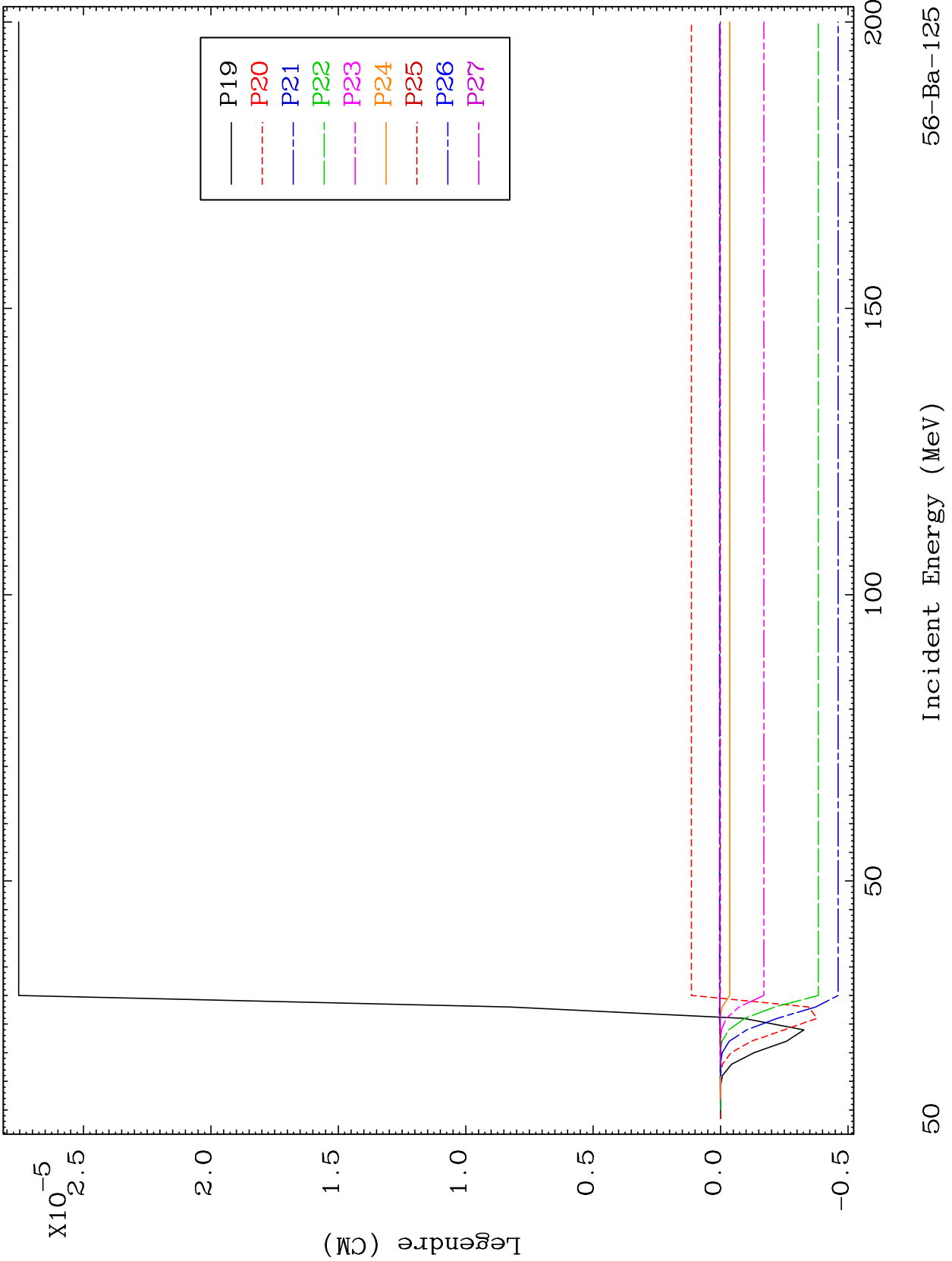
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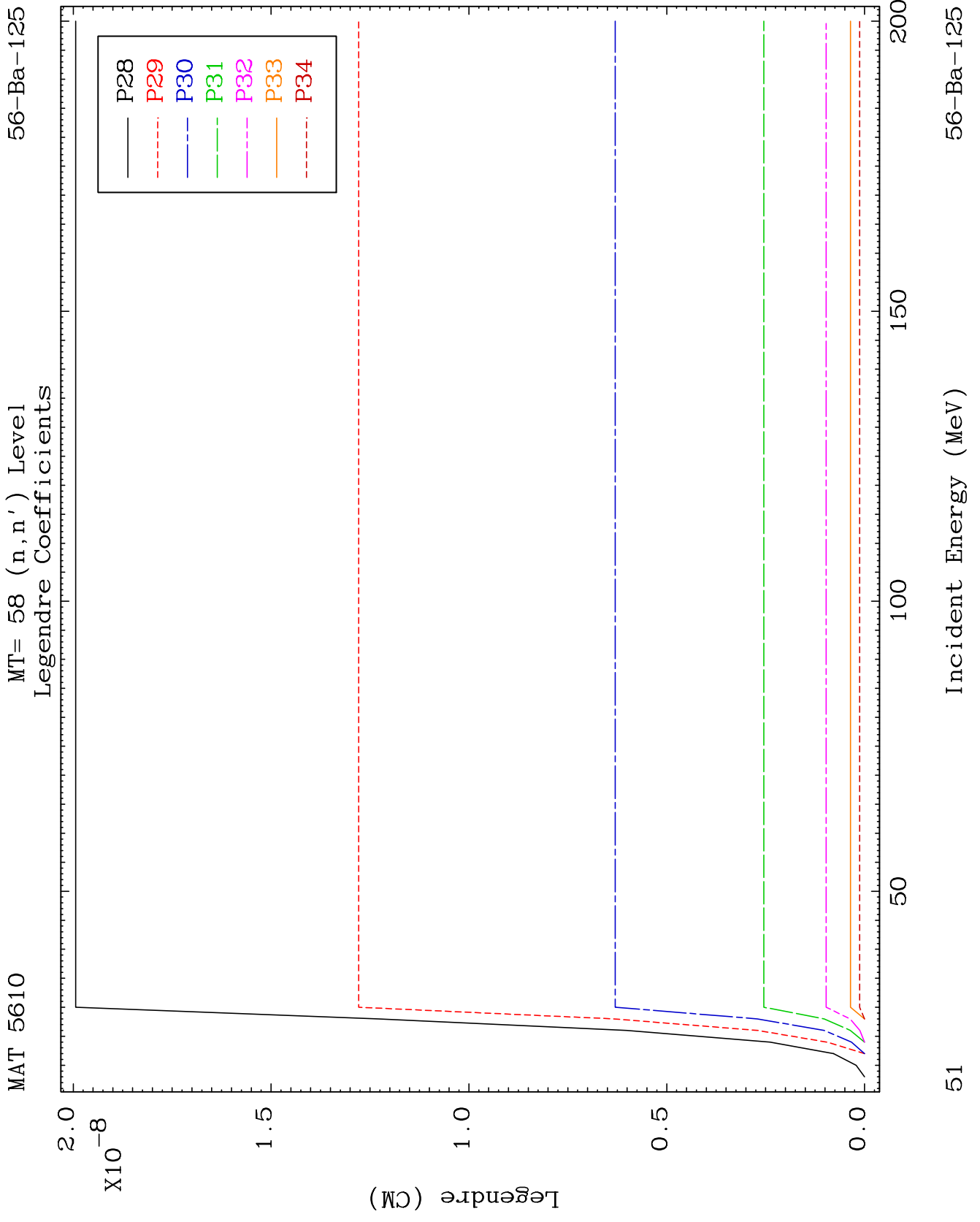


MAT 5610

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

56-Ba-125

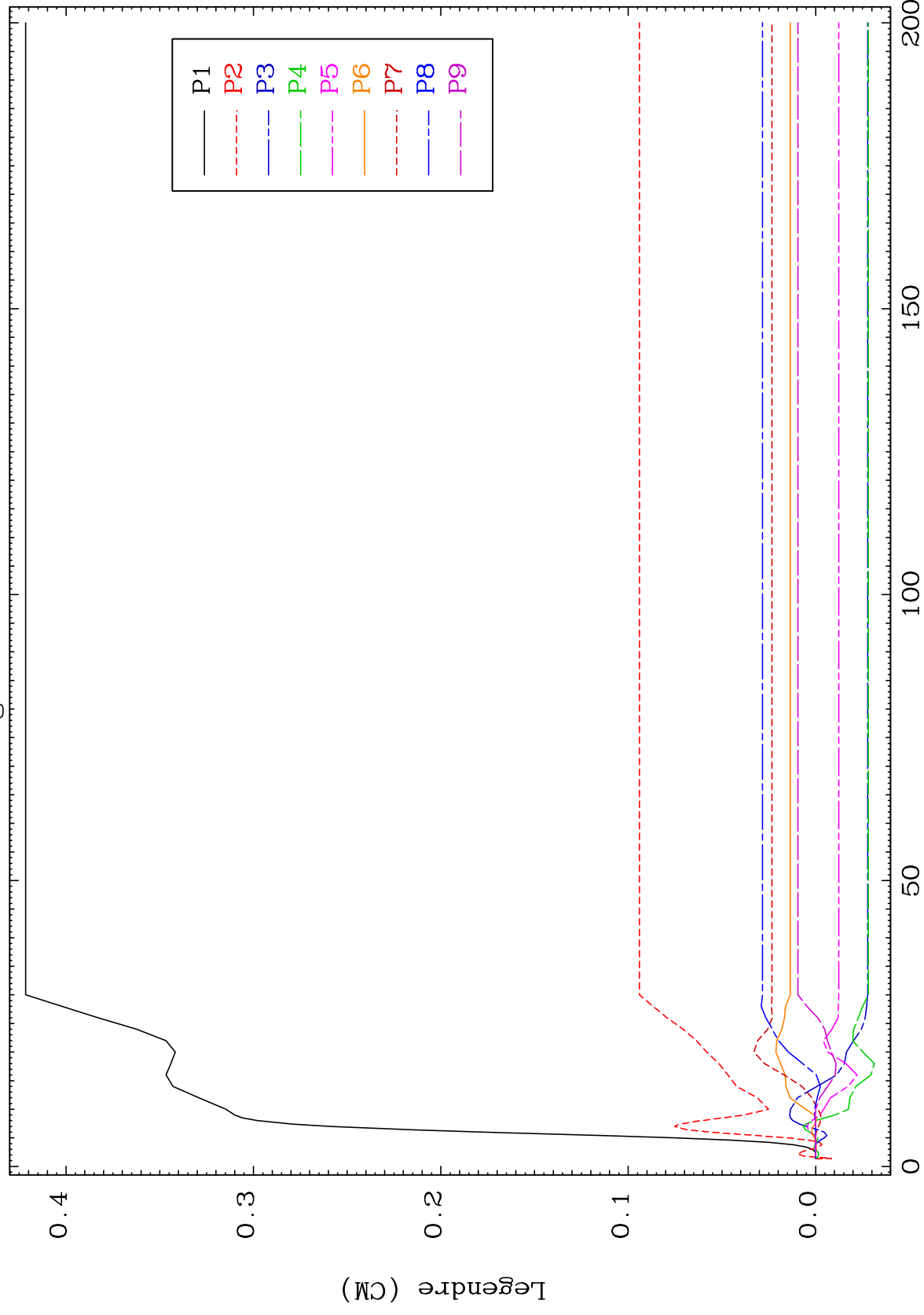




MAT 5610

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

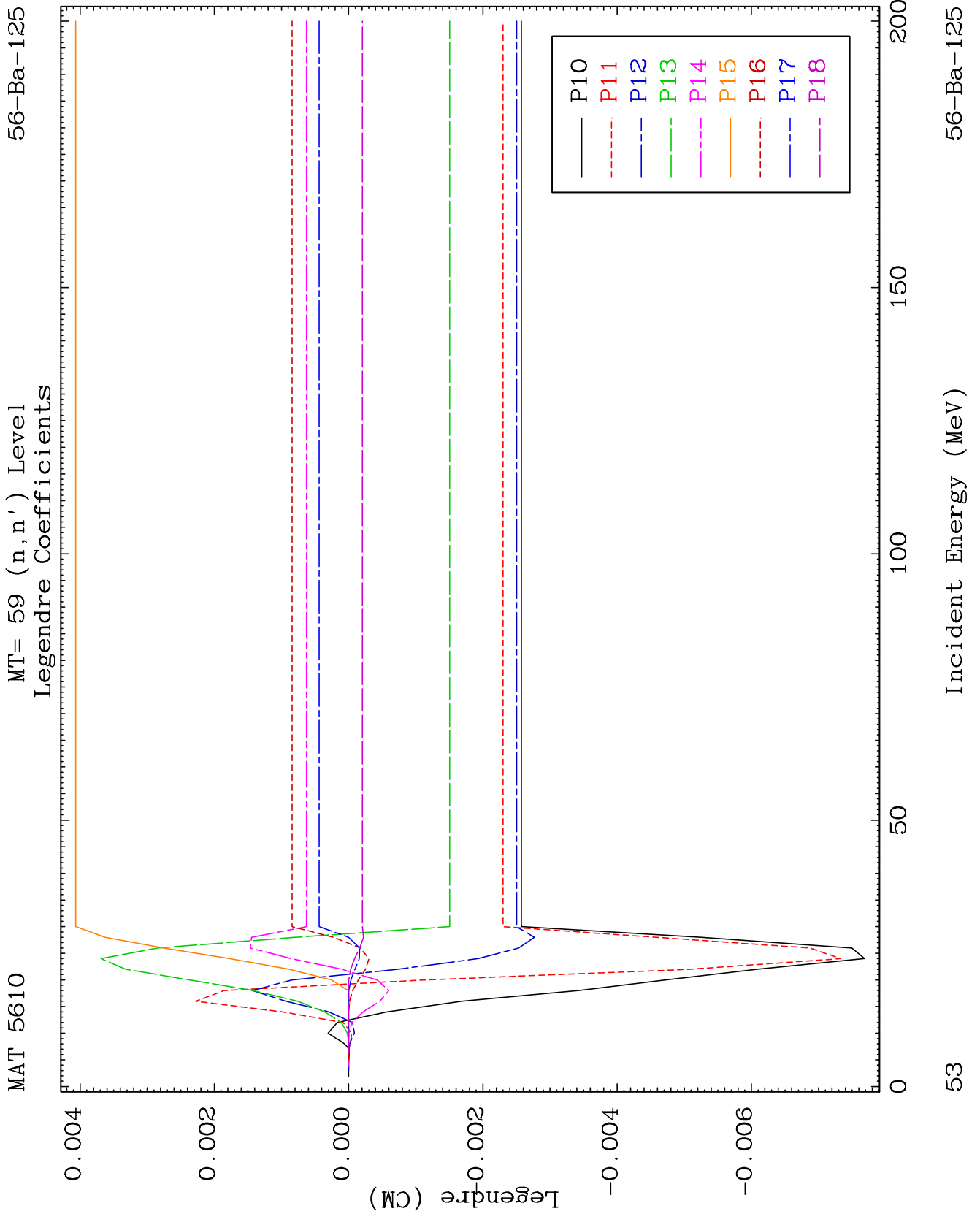
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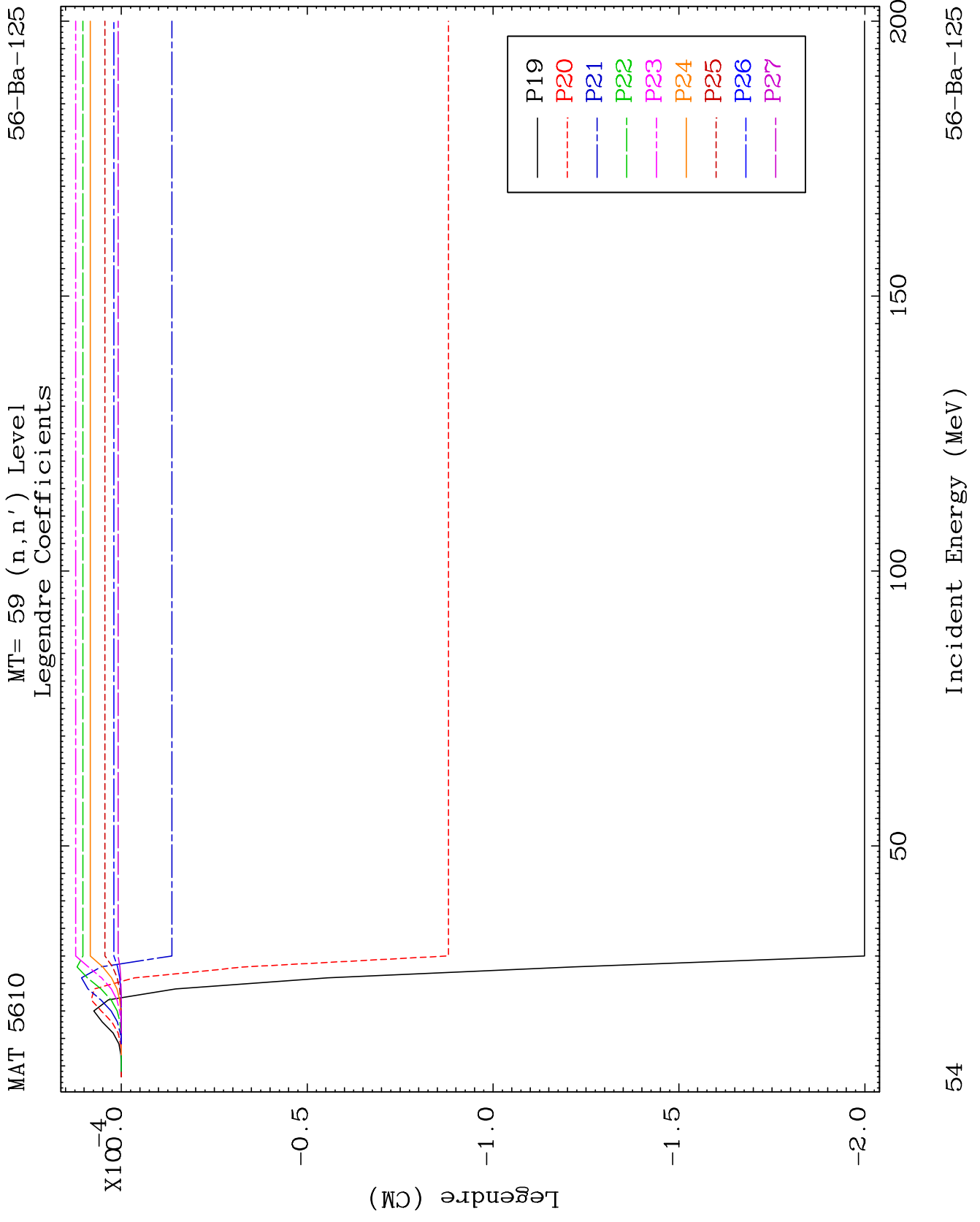


52

Incident Energy (MeV)

56-Ba-125

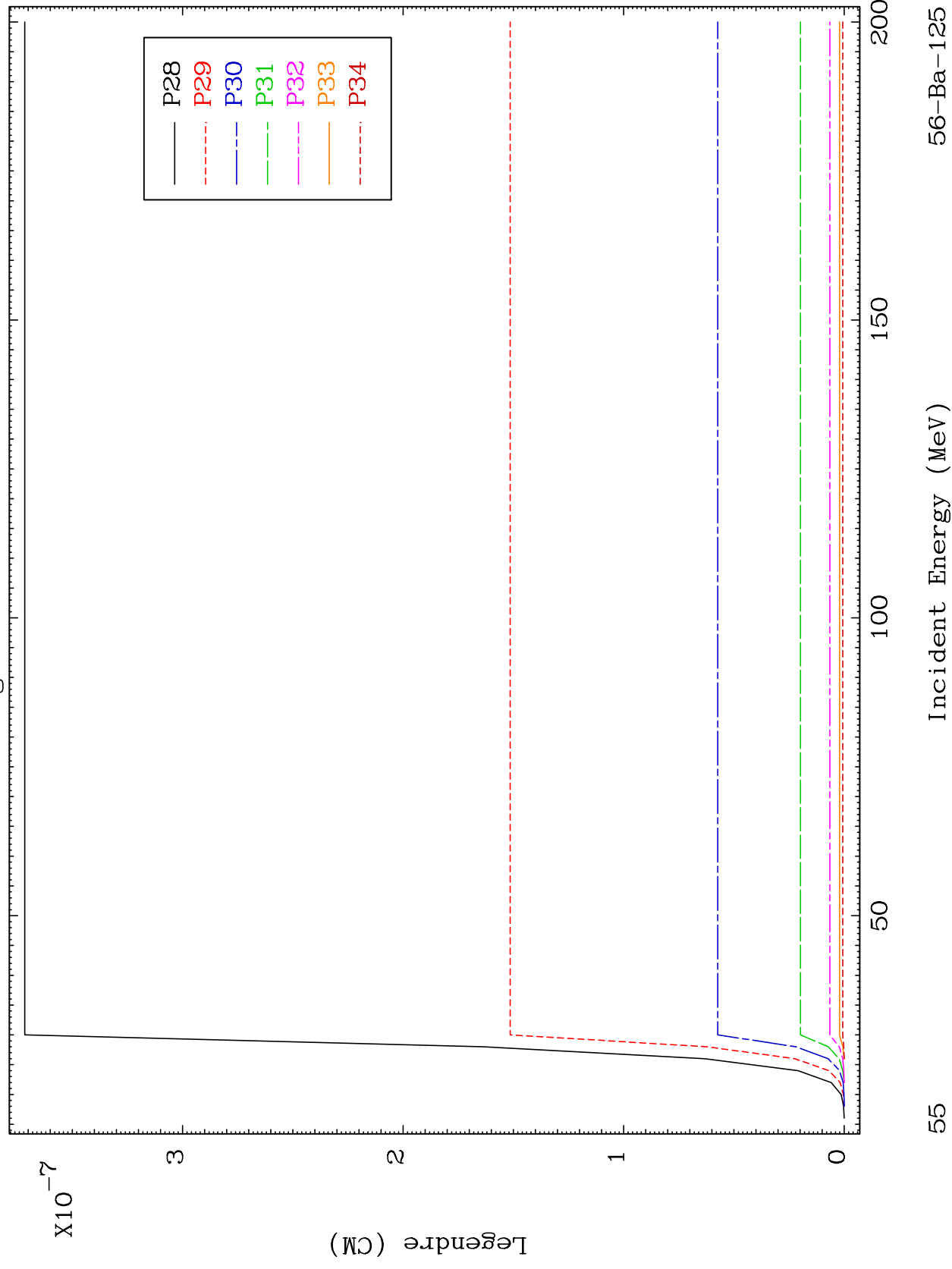




MAT 5610

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

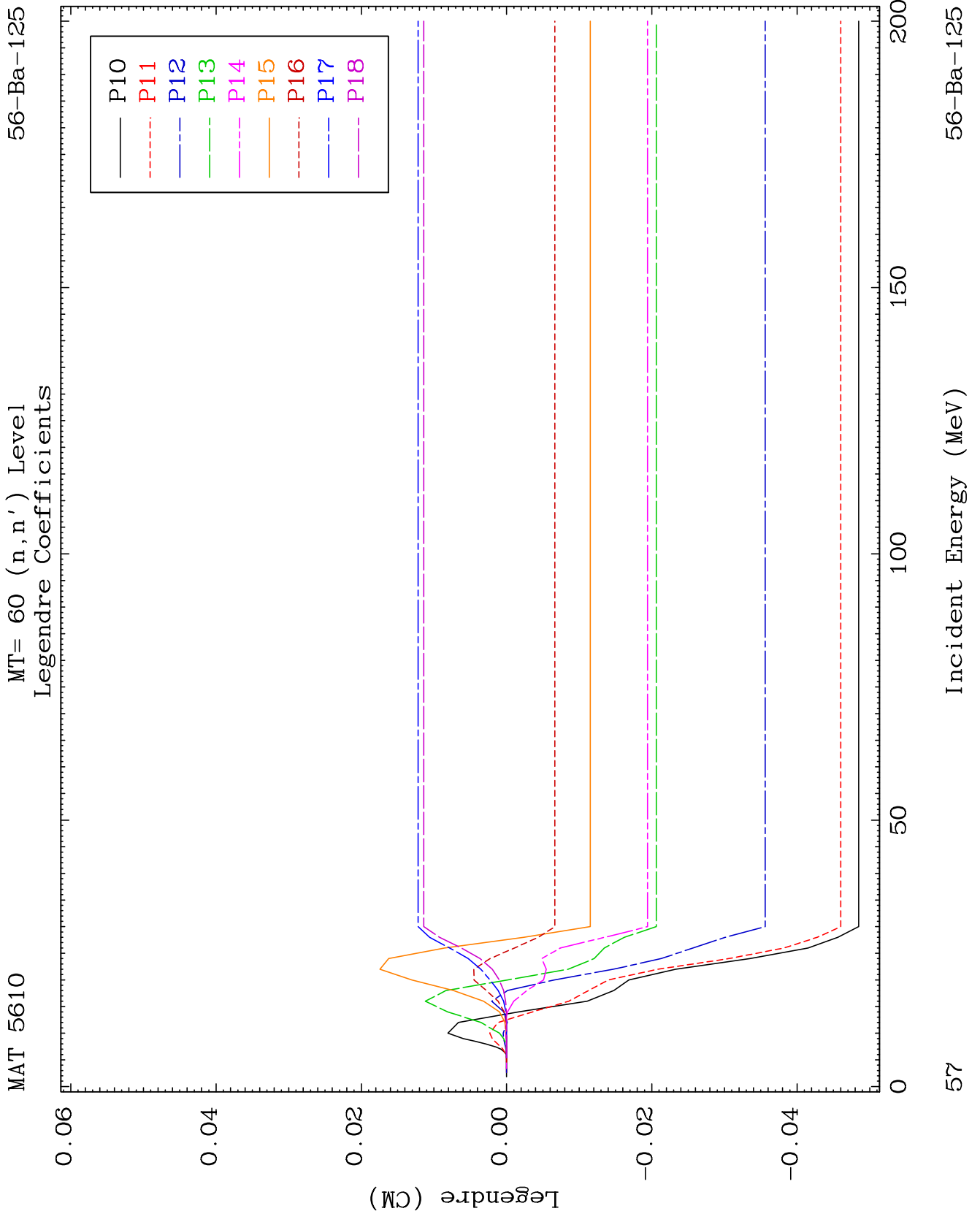
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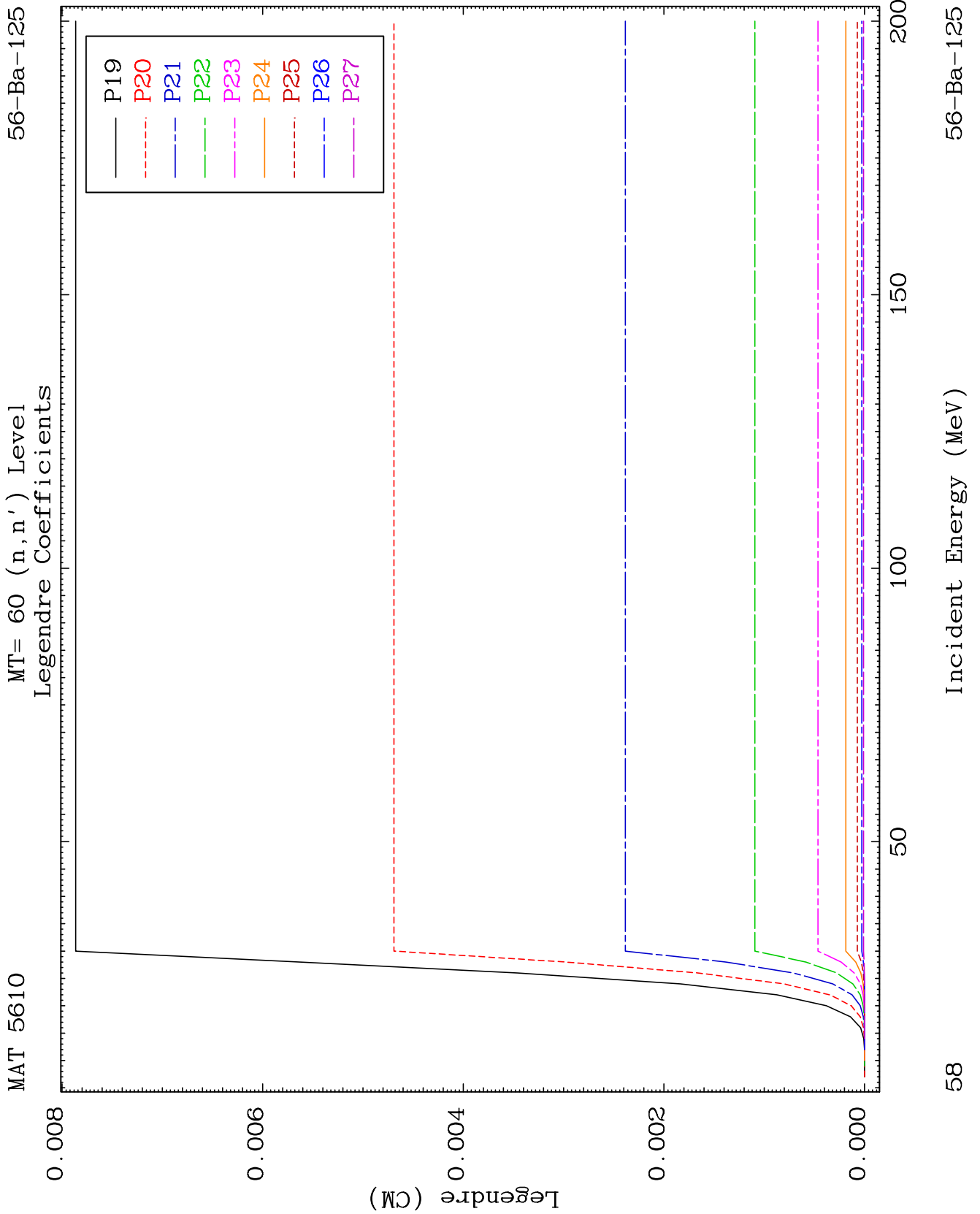


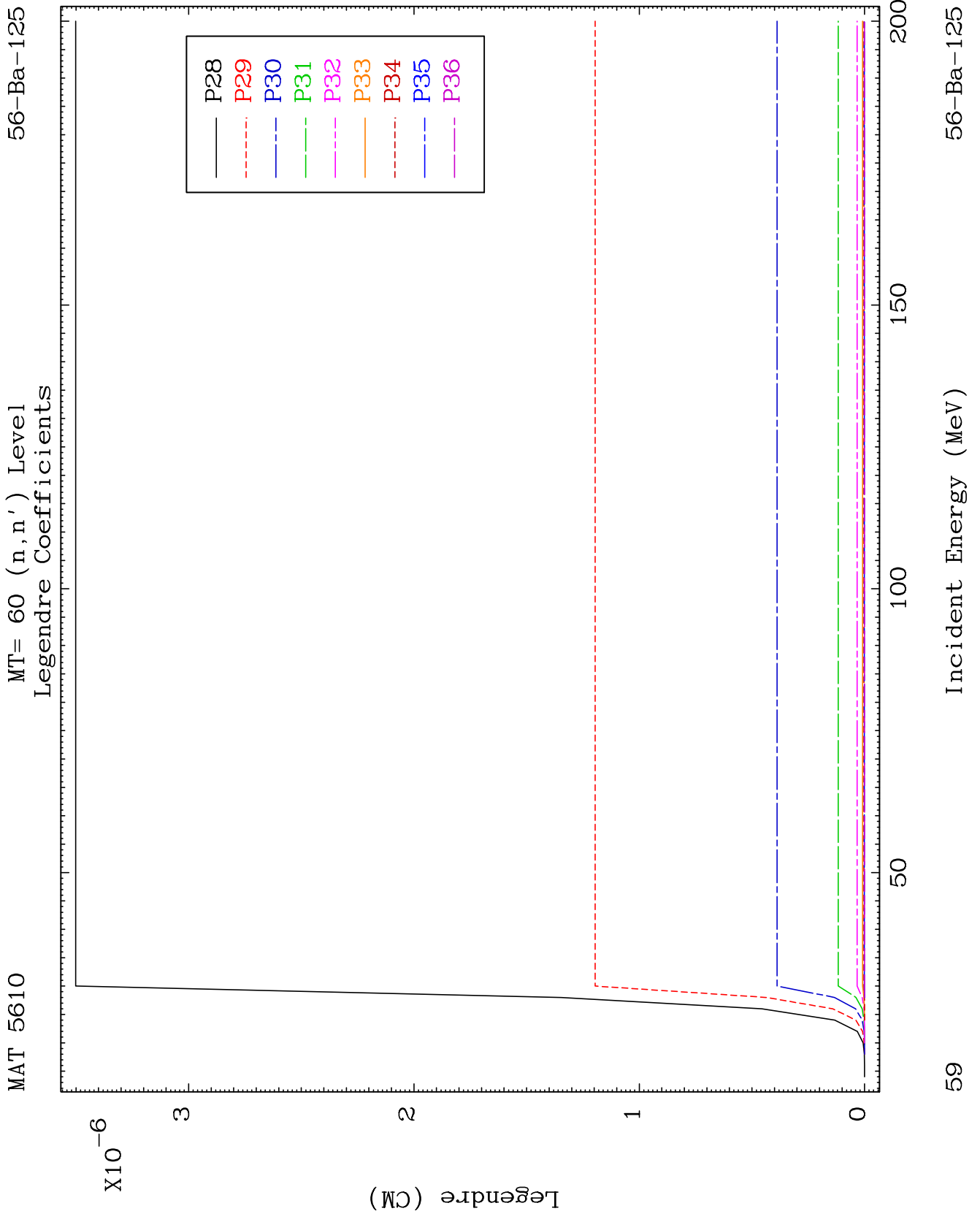
55

Incident Energy (MeV)

56-Ba-125



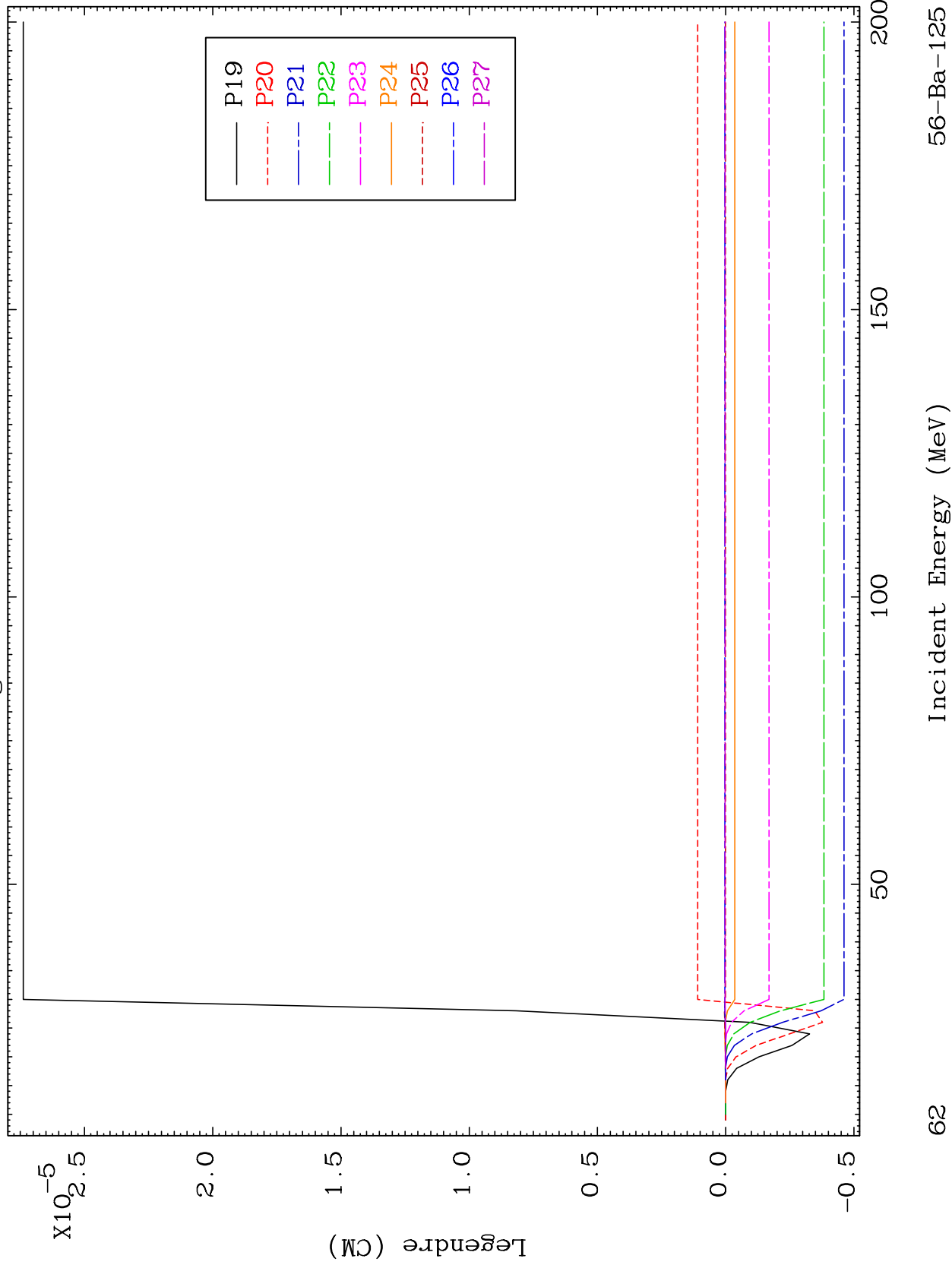




MAT 5610

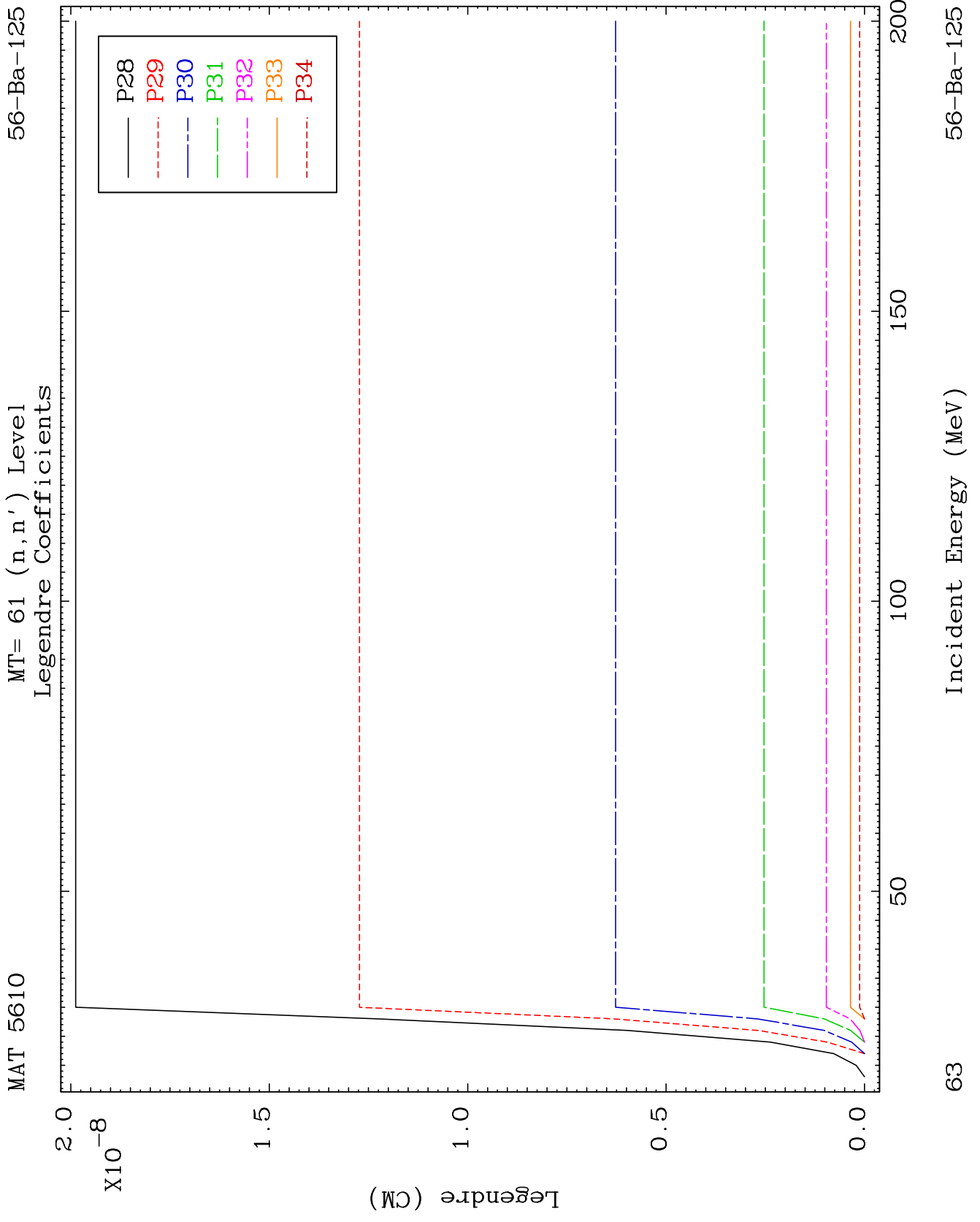
MT= 61 (n,n') Level
Legendre Coefficients

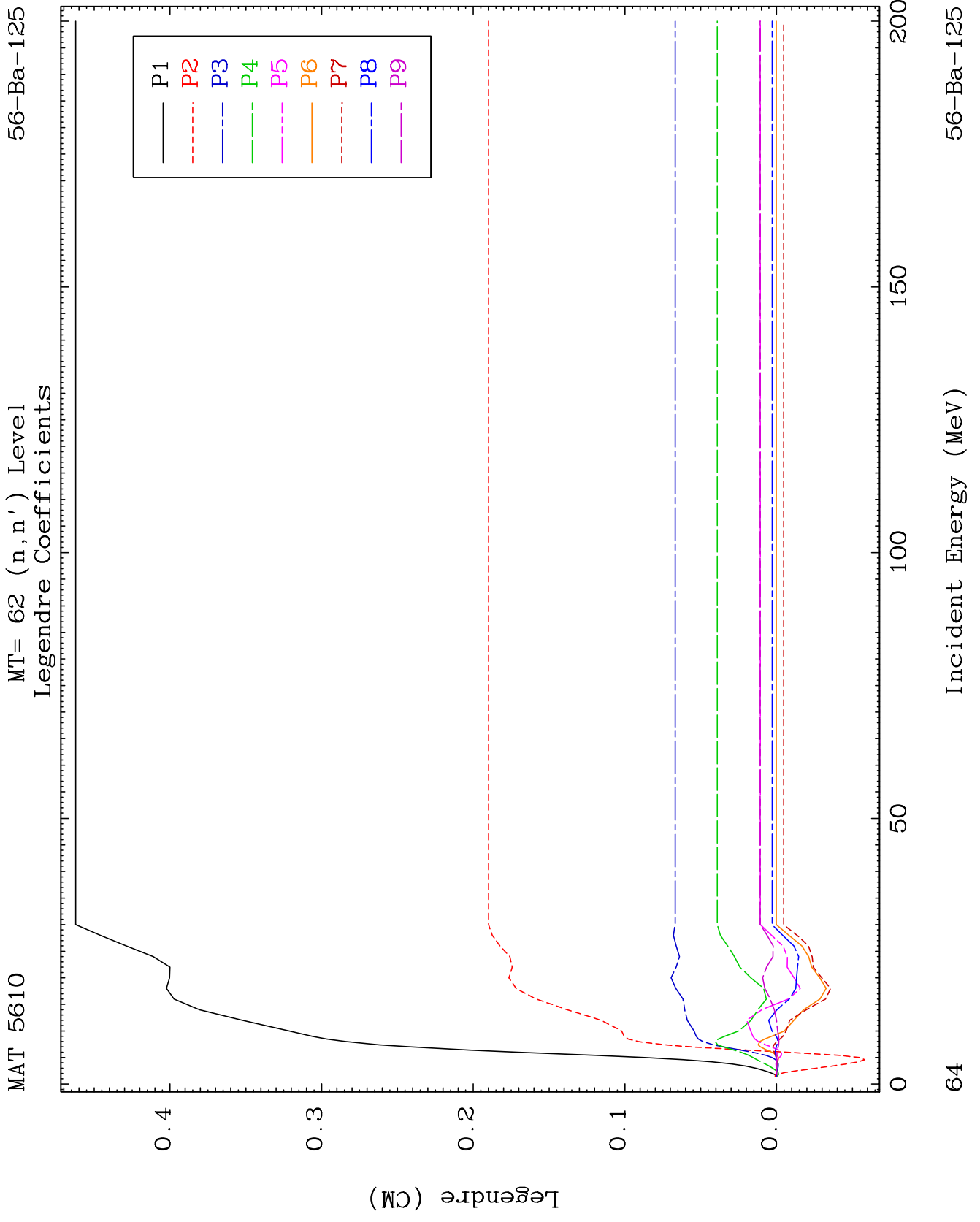
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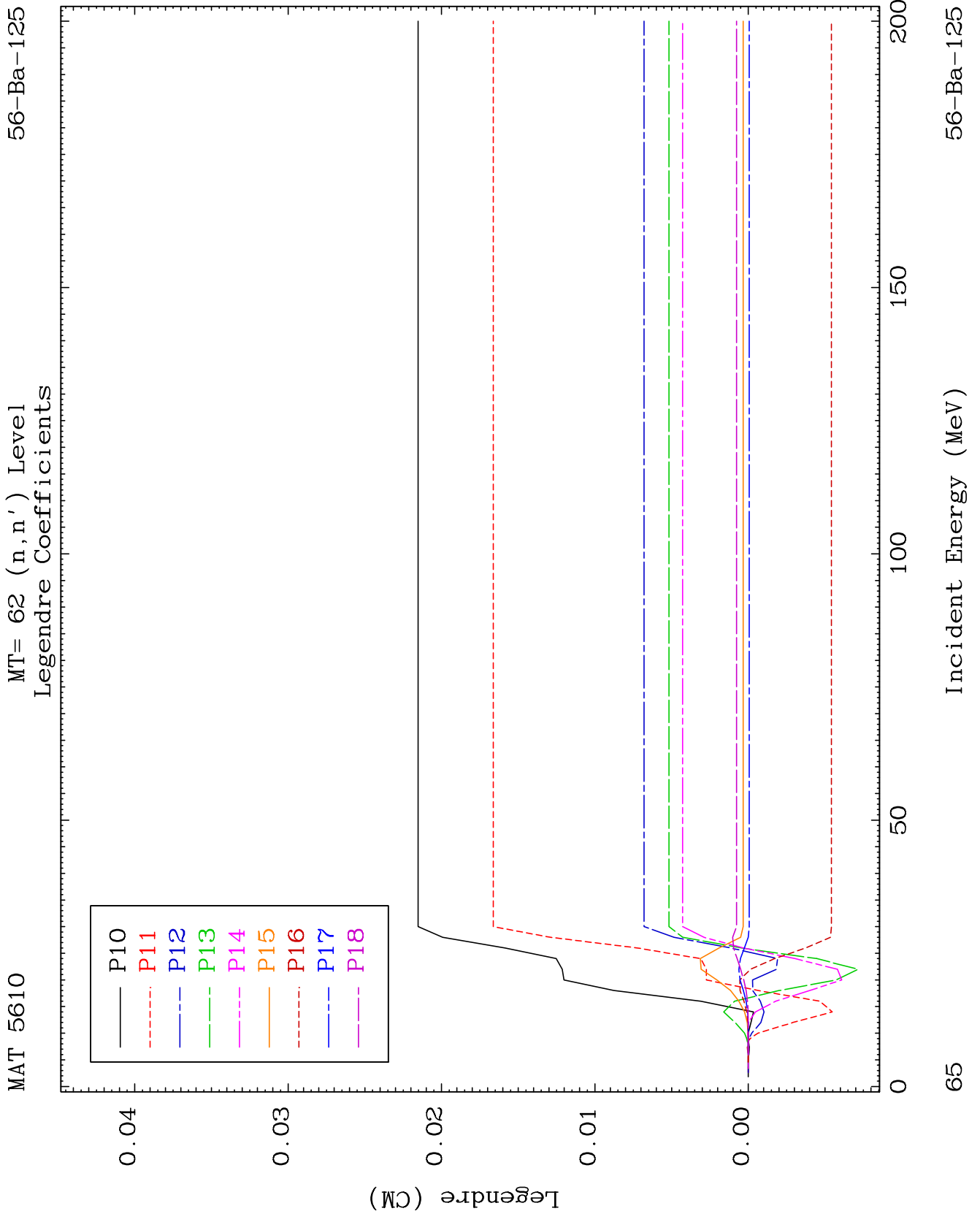


62

56-Ba-125



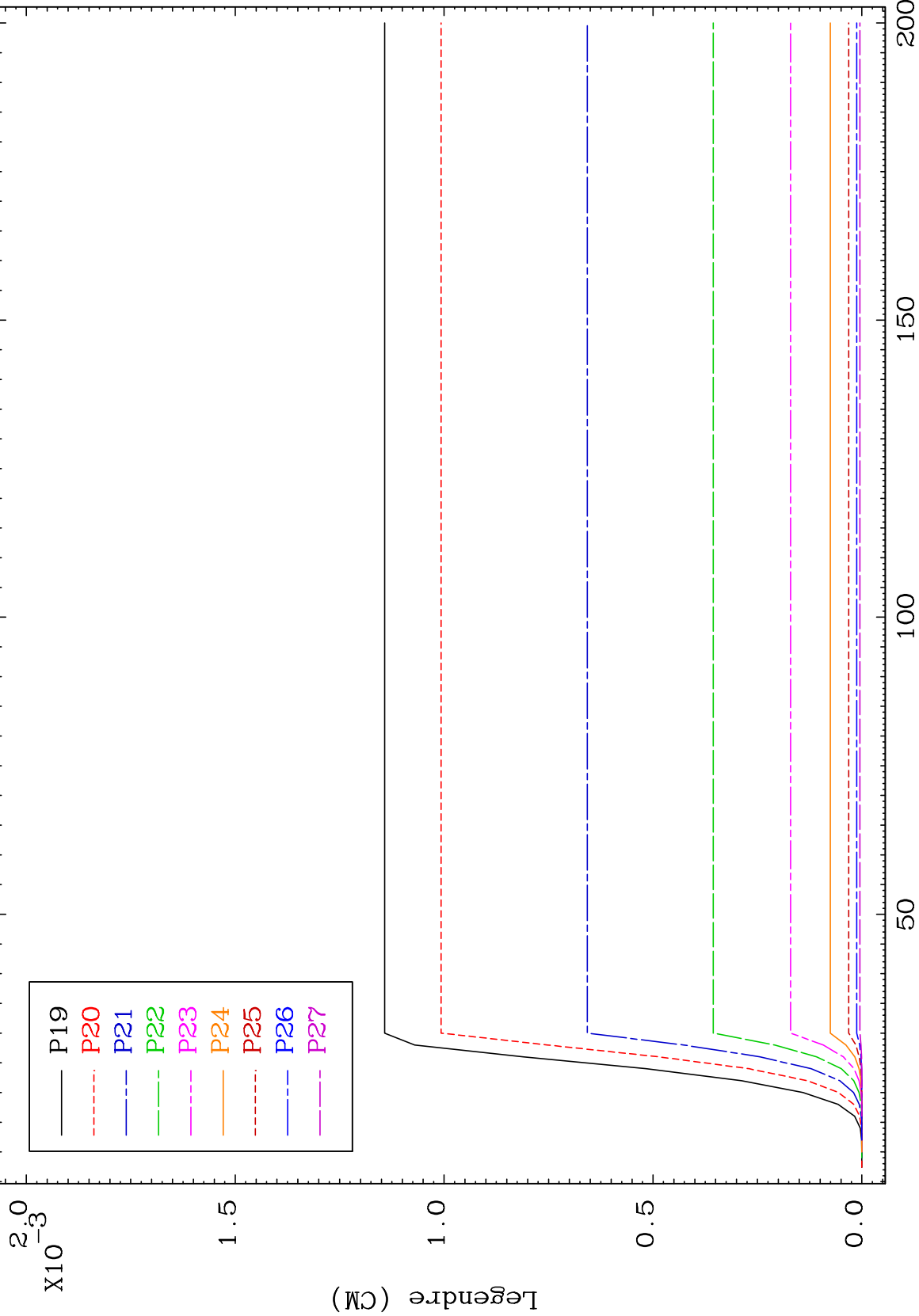




MAT 5610

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

56-Ba-125



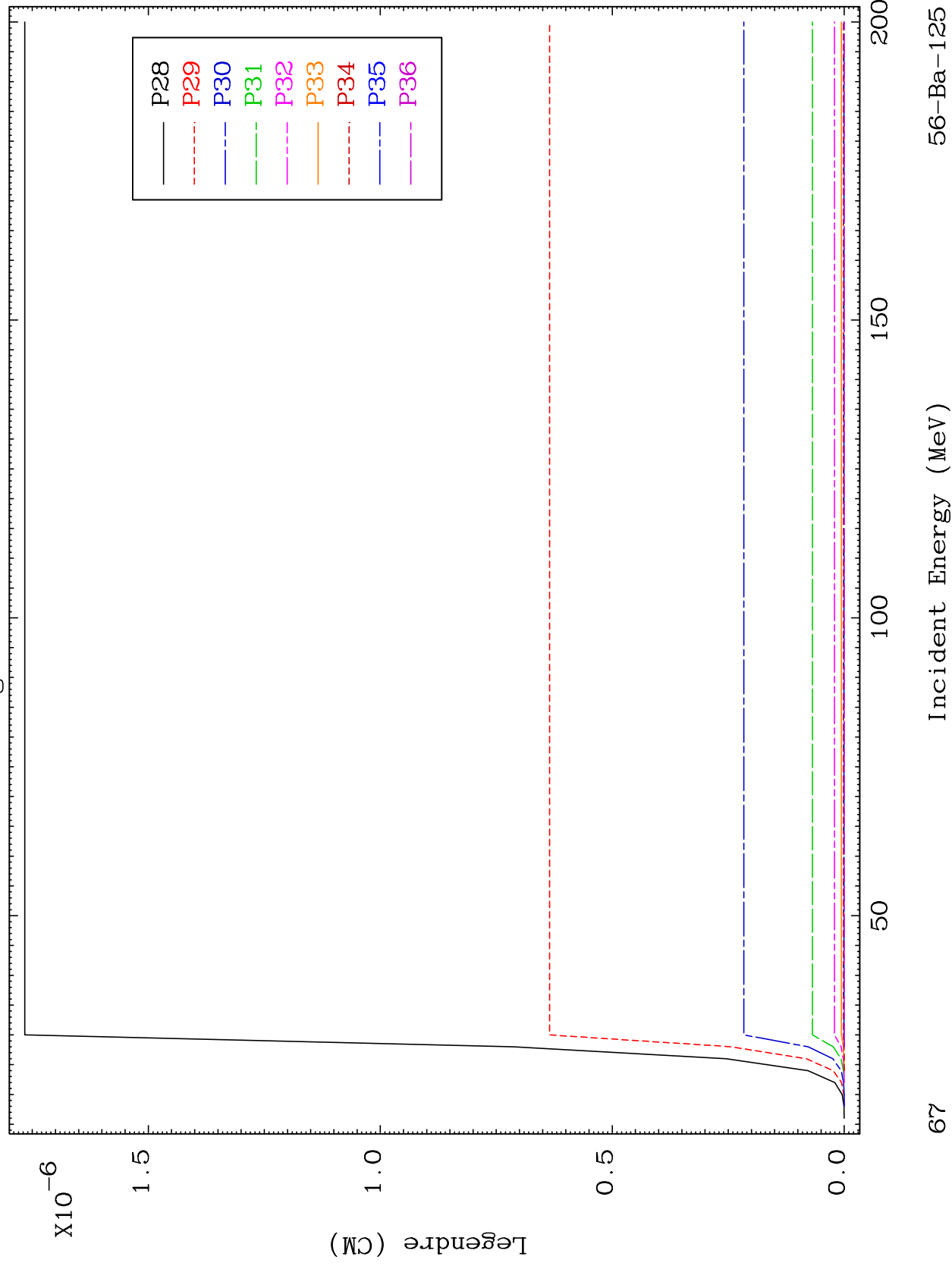
66

56-Ba-125

MAT 5610

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

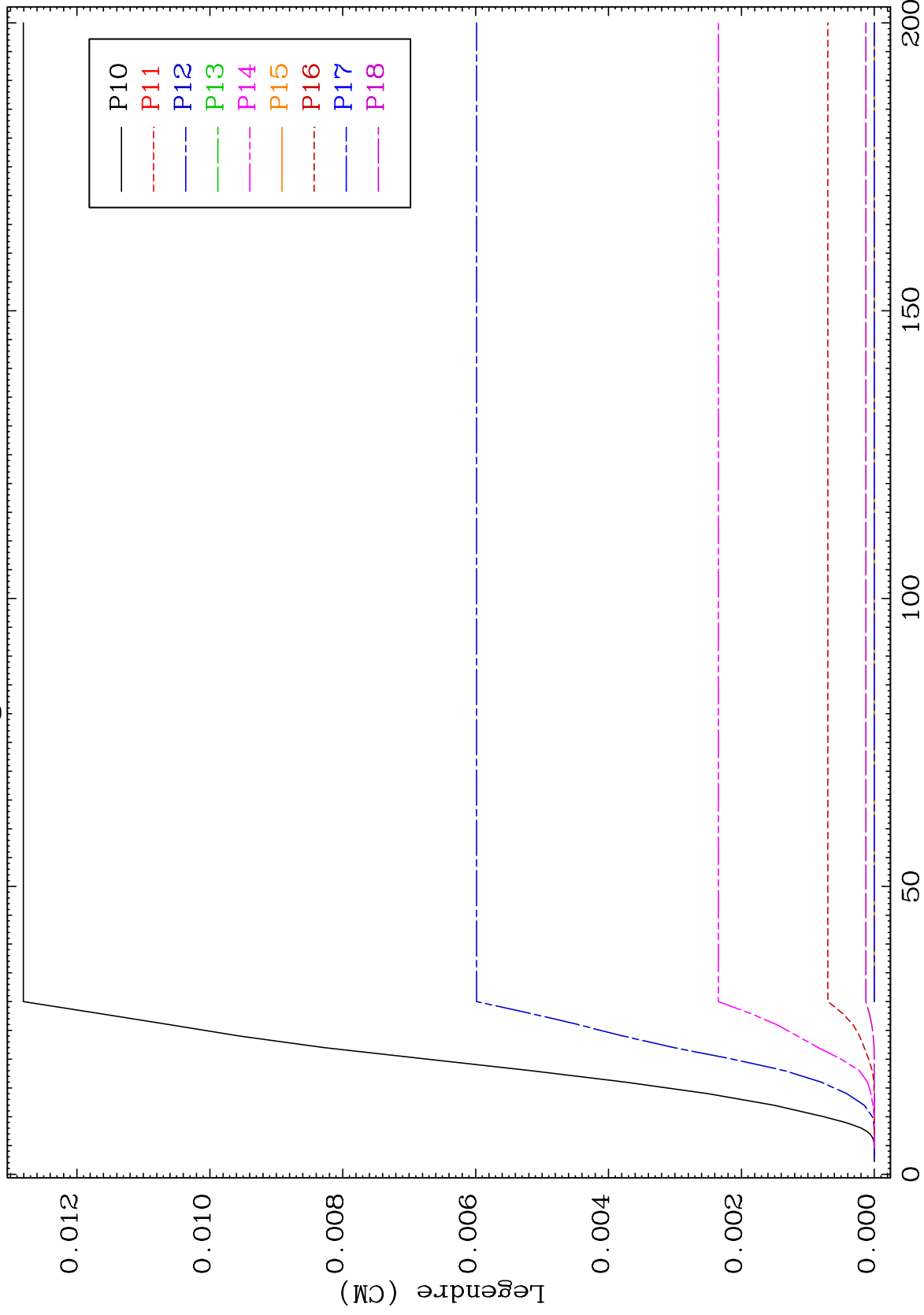
56-Ba-125



MAT 5610

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

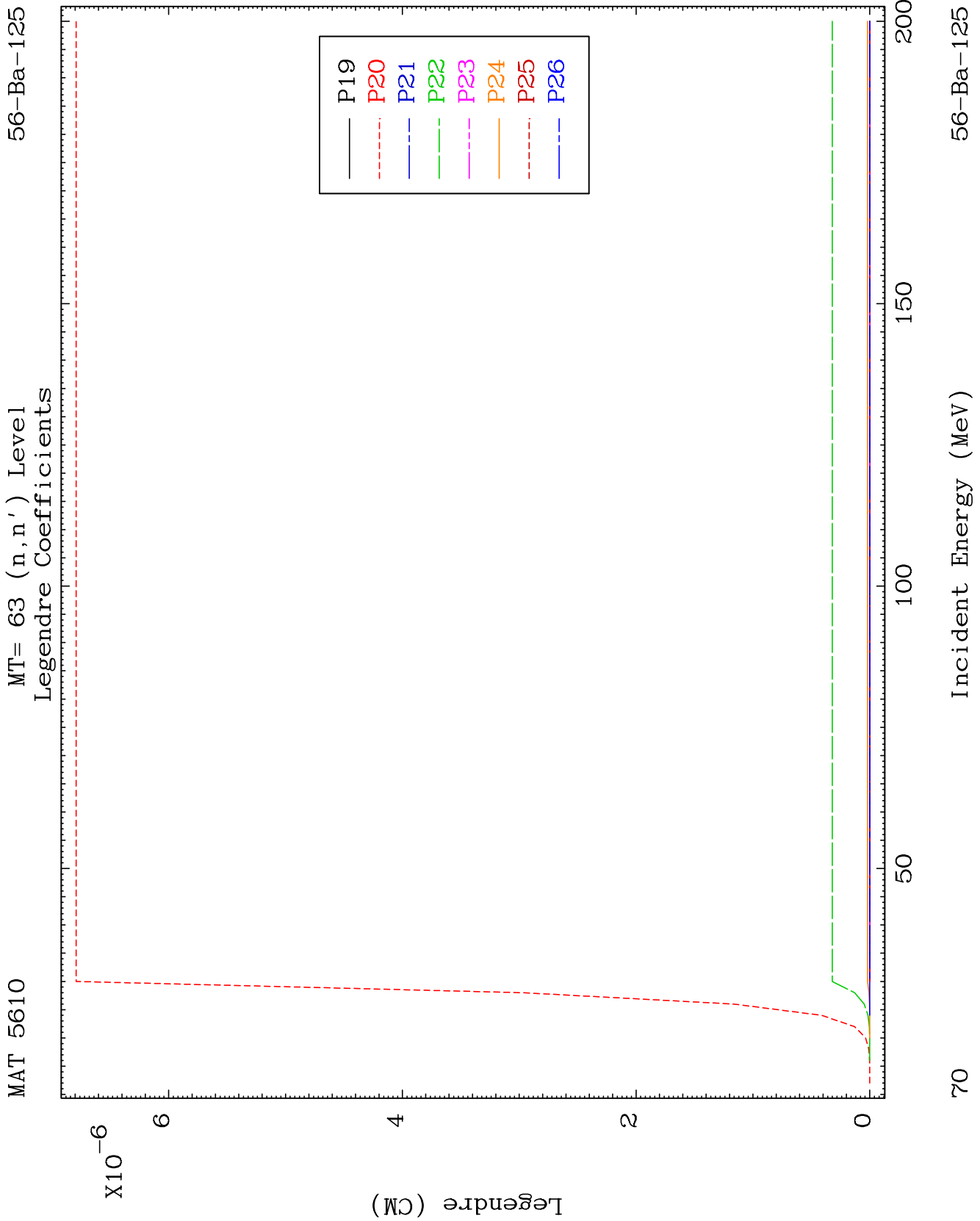
56-Ba-125



69

Incident Energy (MeV)

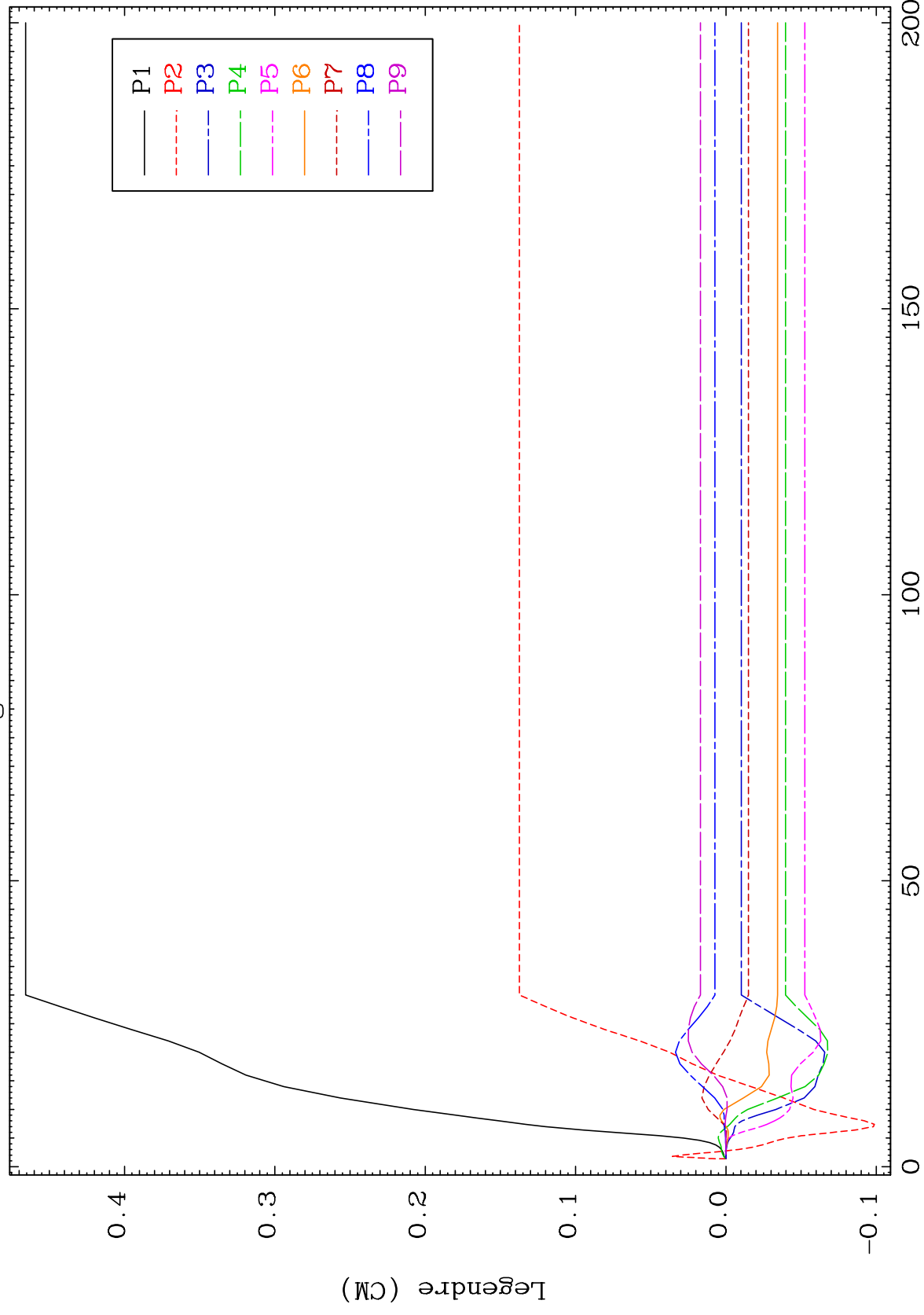
56-Ba-125



MAT 5610

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

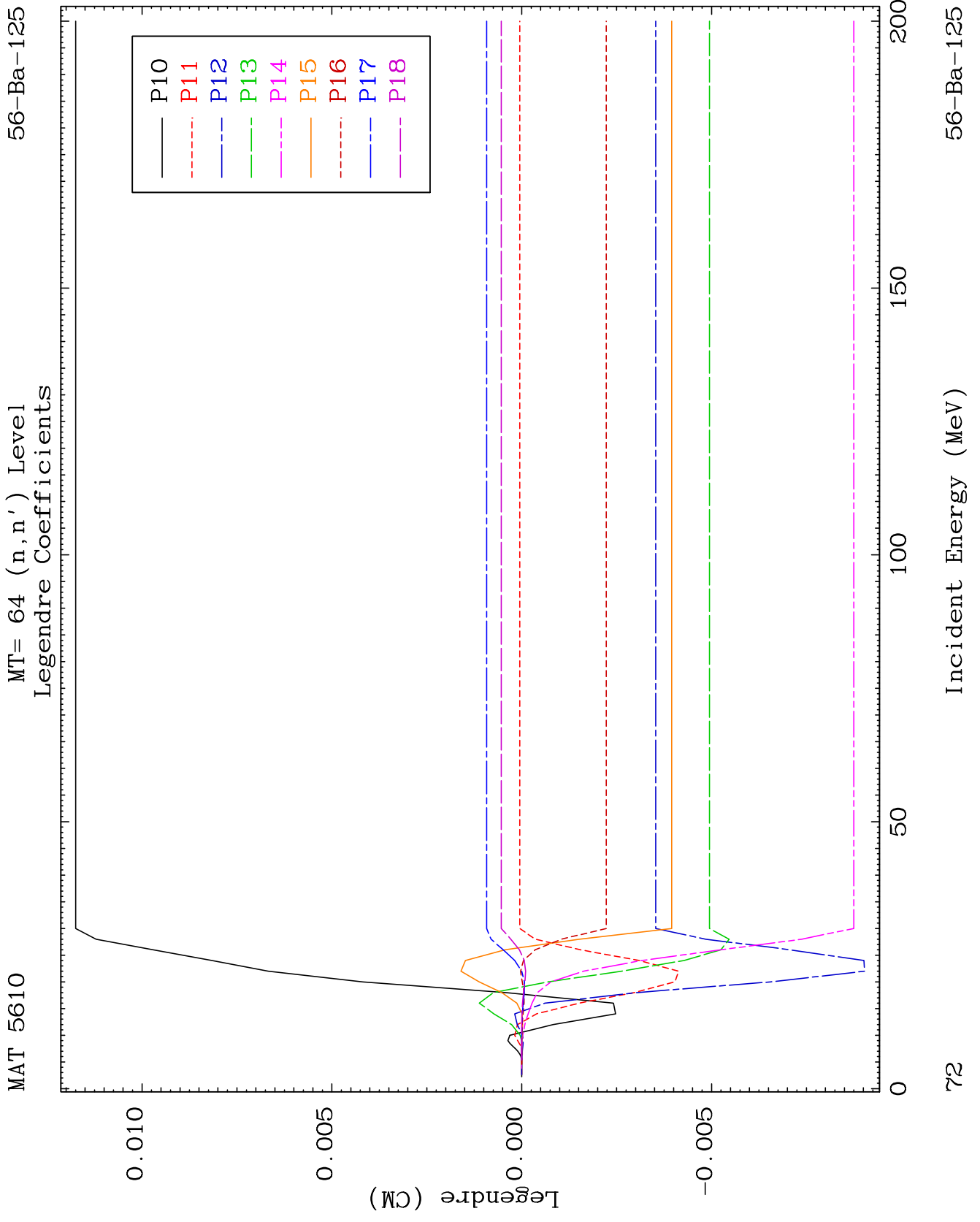
56-Ba-125



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Incident Energy (MeV)

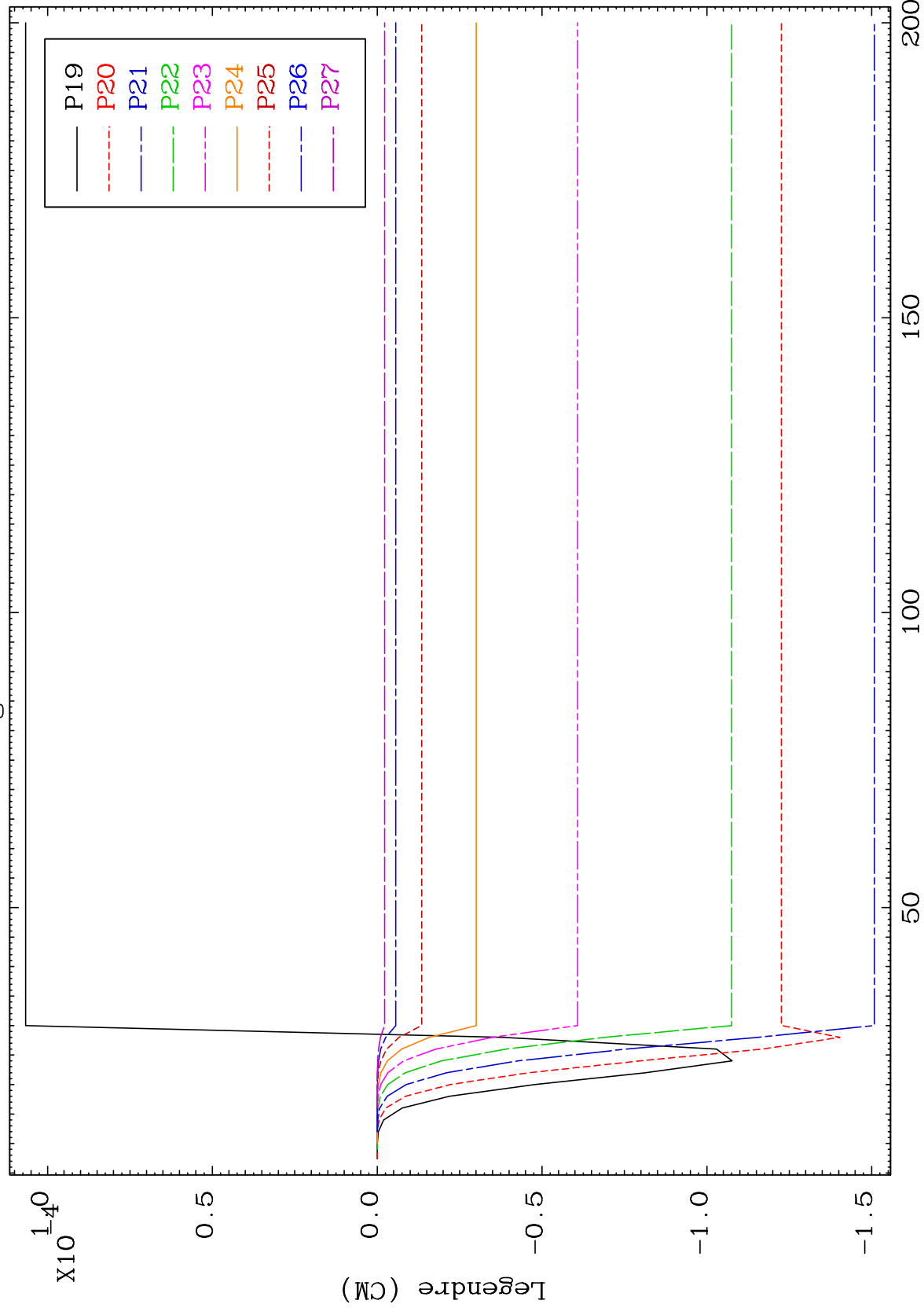
56-Ba-125



MAT 5610

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

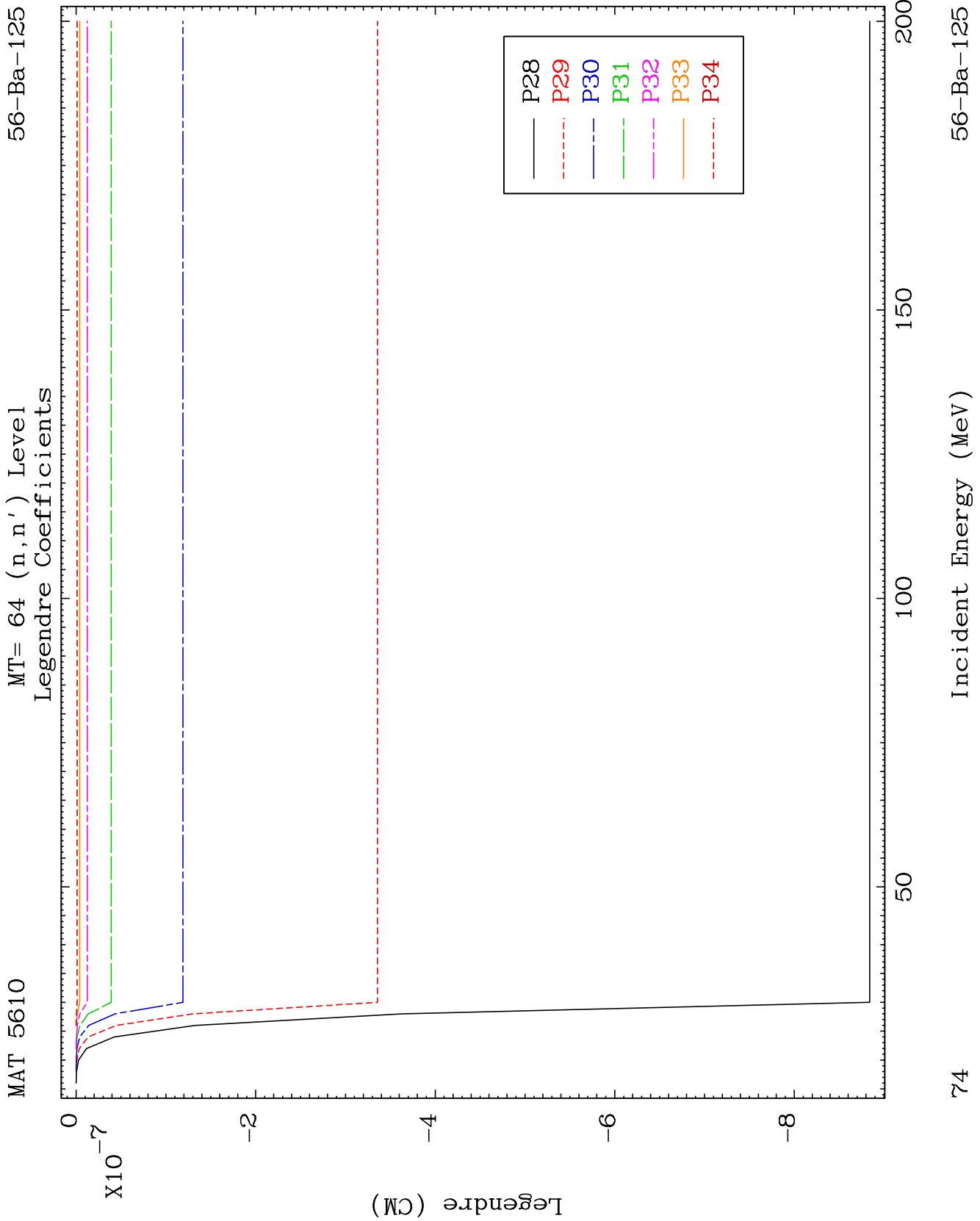
56-Ba-125

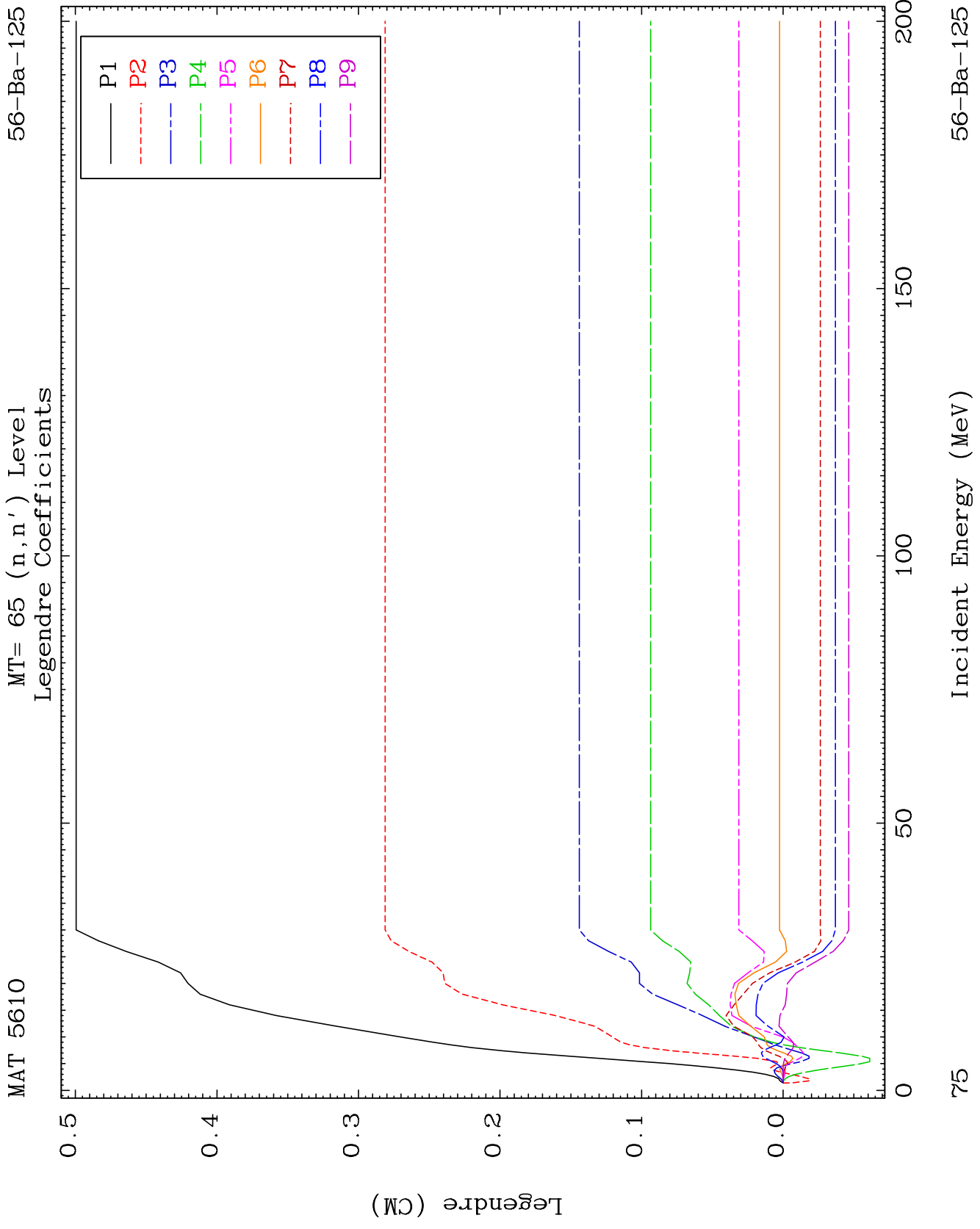


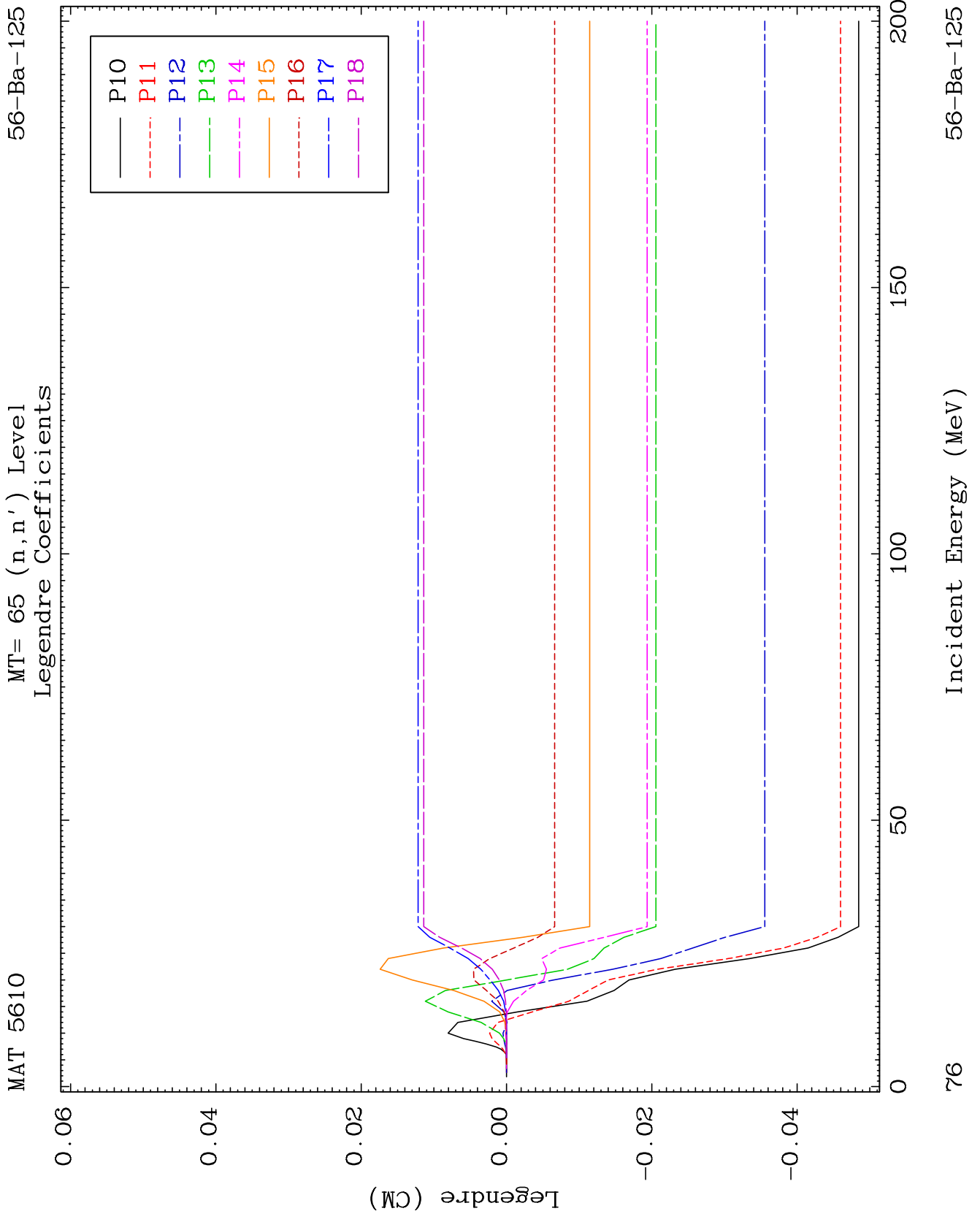
73

Incident Energy (MeV)

56-Ba-125



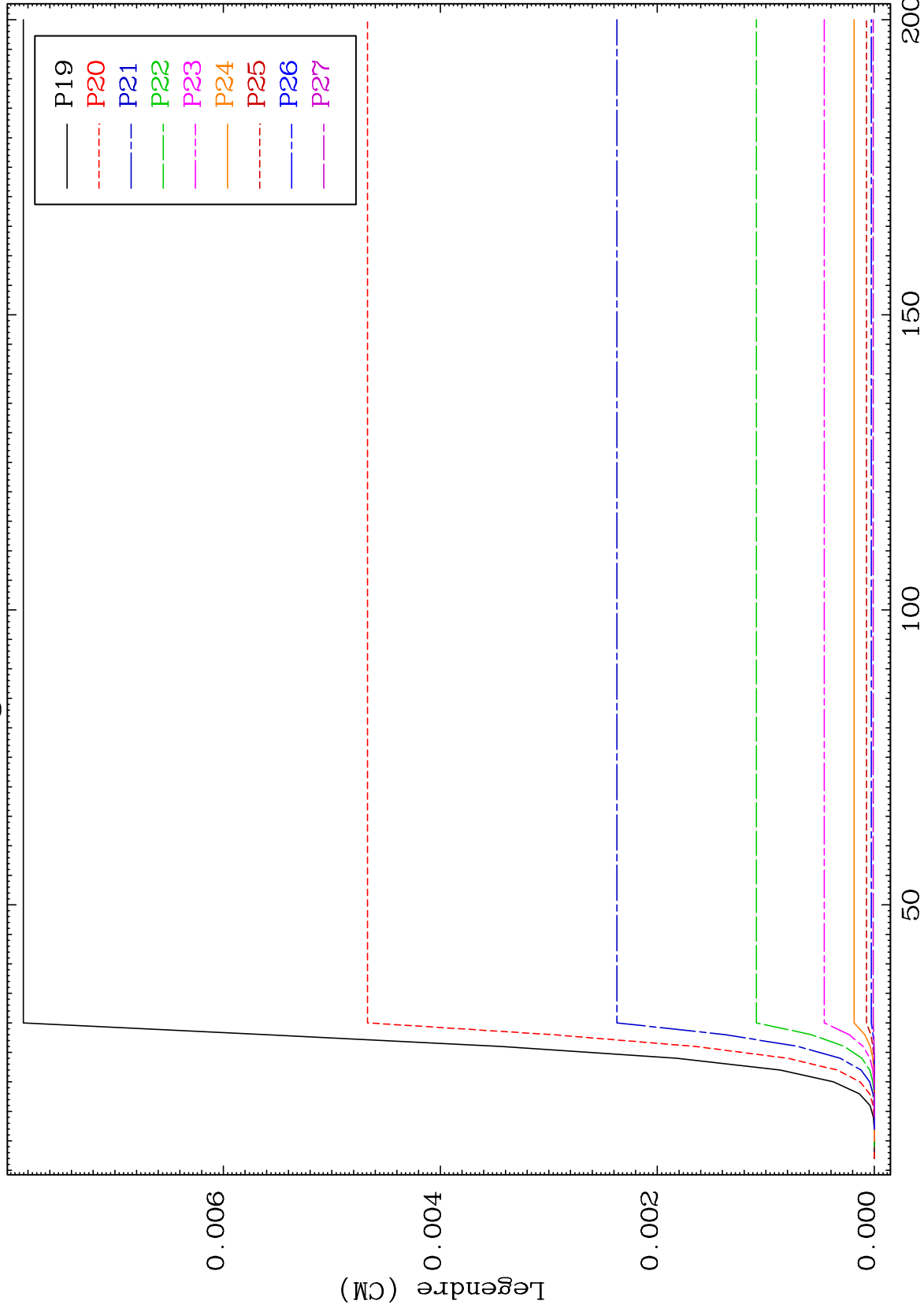




MAT 5610

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

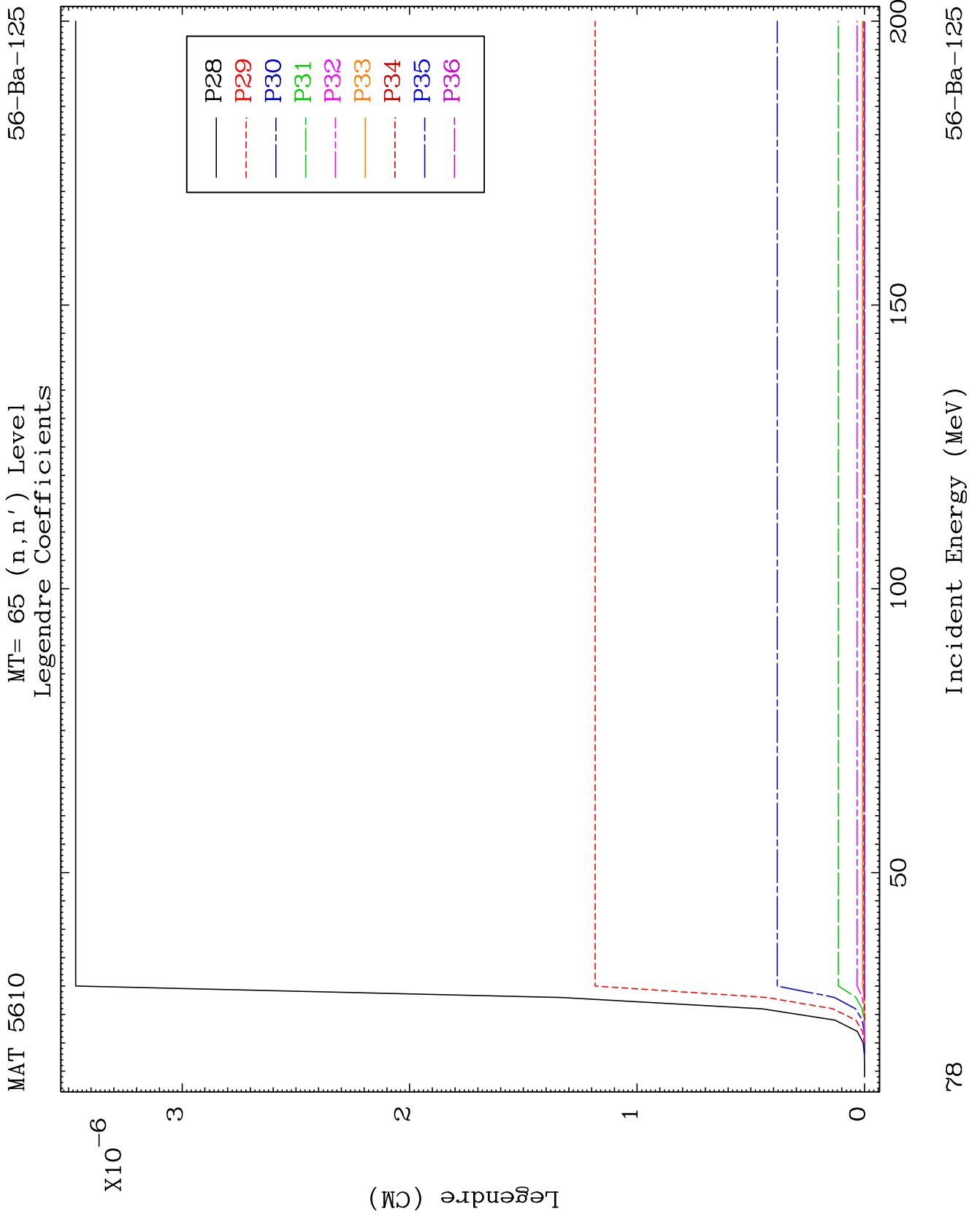
56-Ba-125



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Incident Energy (MeV)

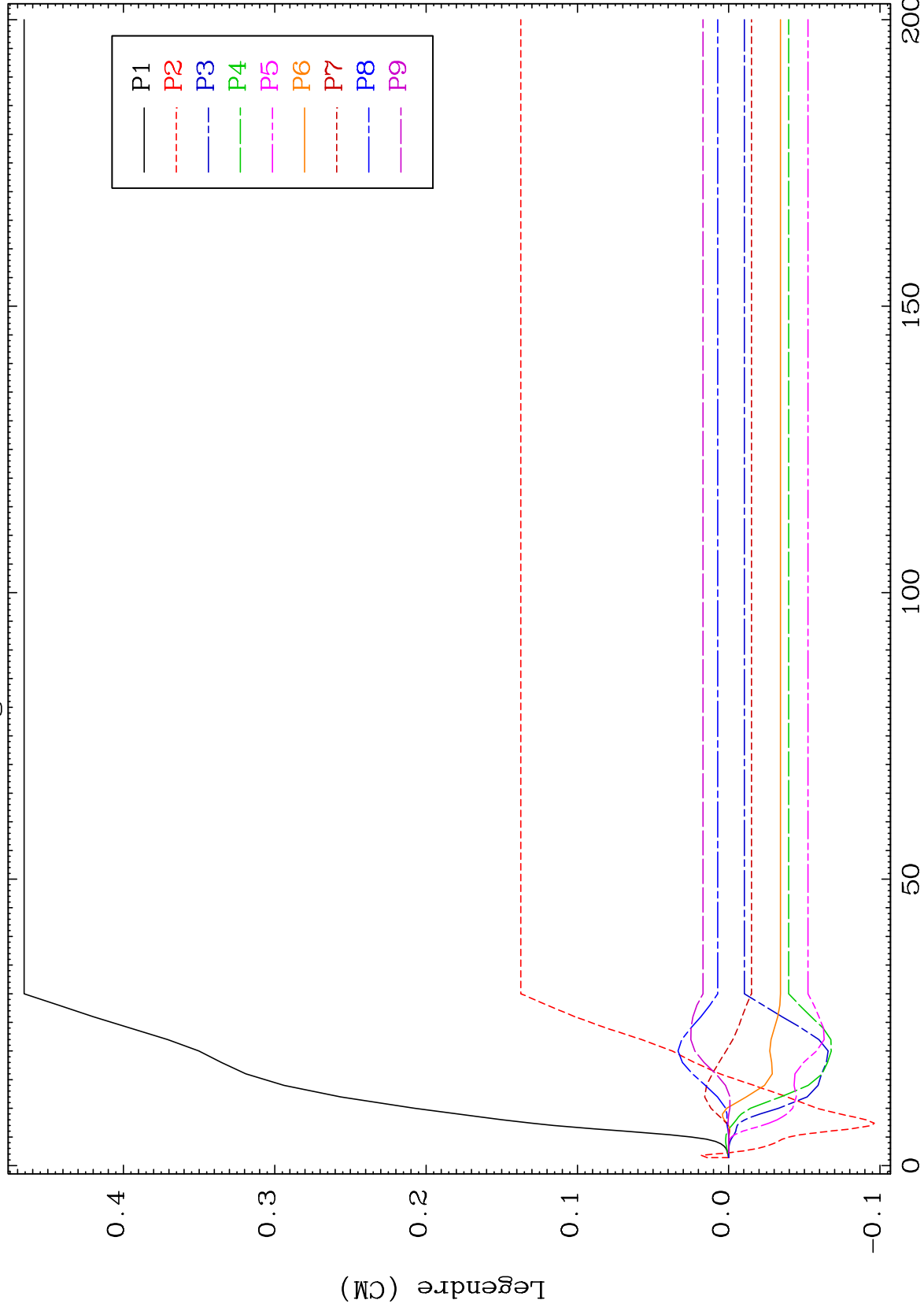
56-Ba-125



MAT 5610

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

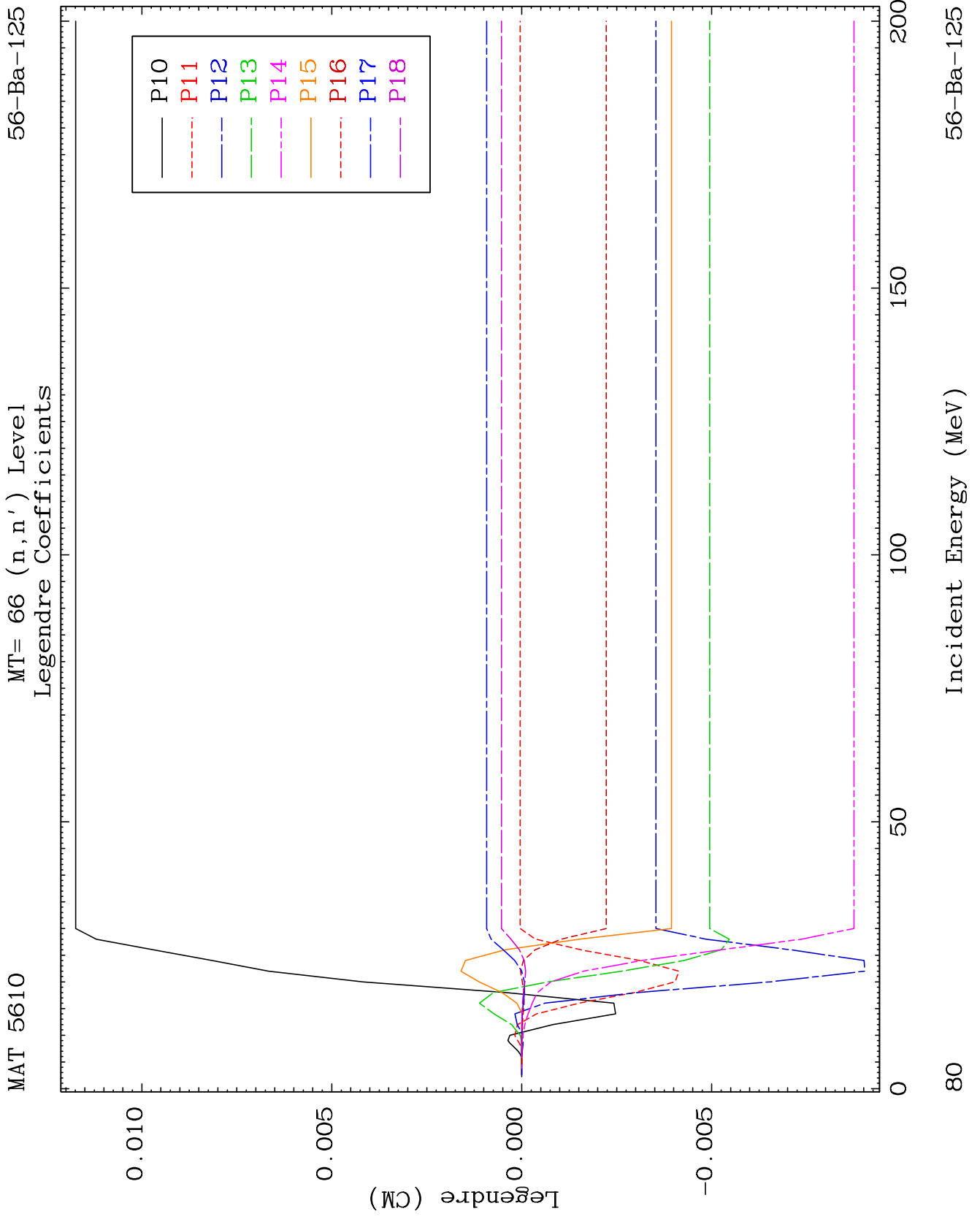
56-Ba-125



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Incident Energy (MeV)

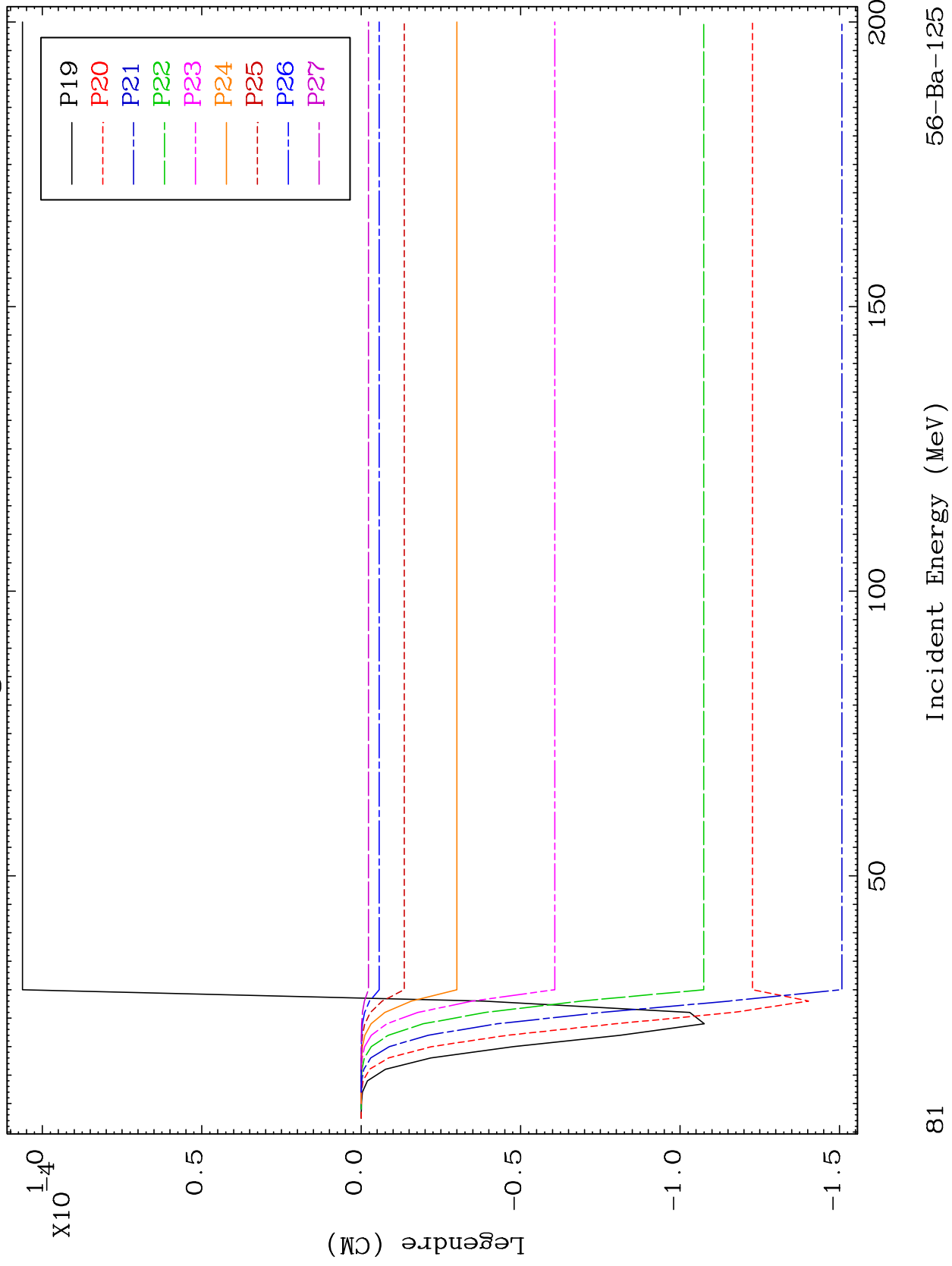
56-Ba-125

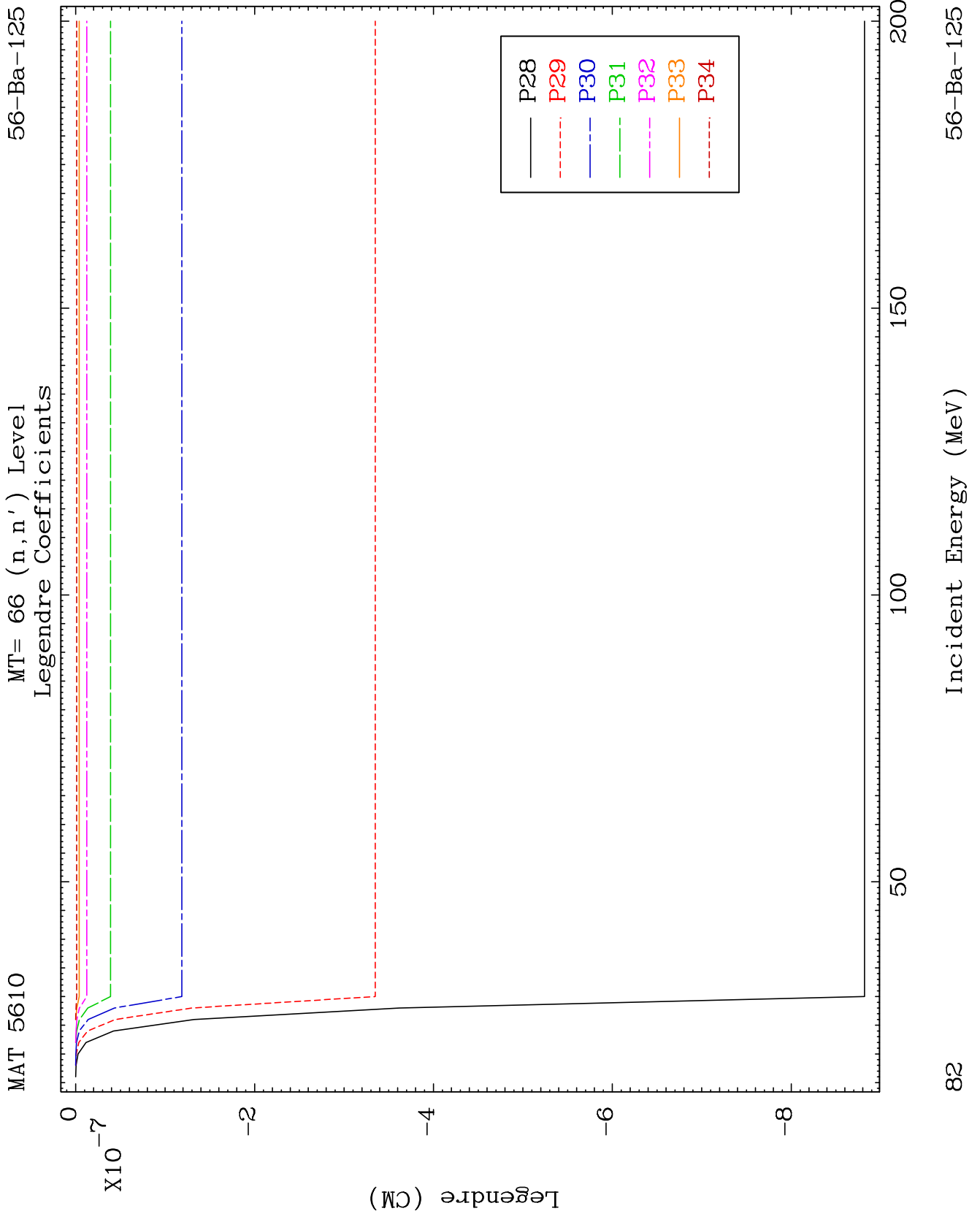


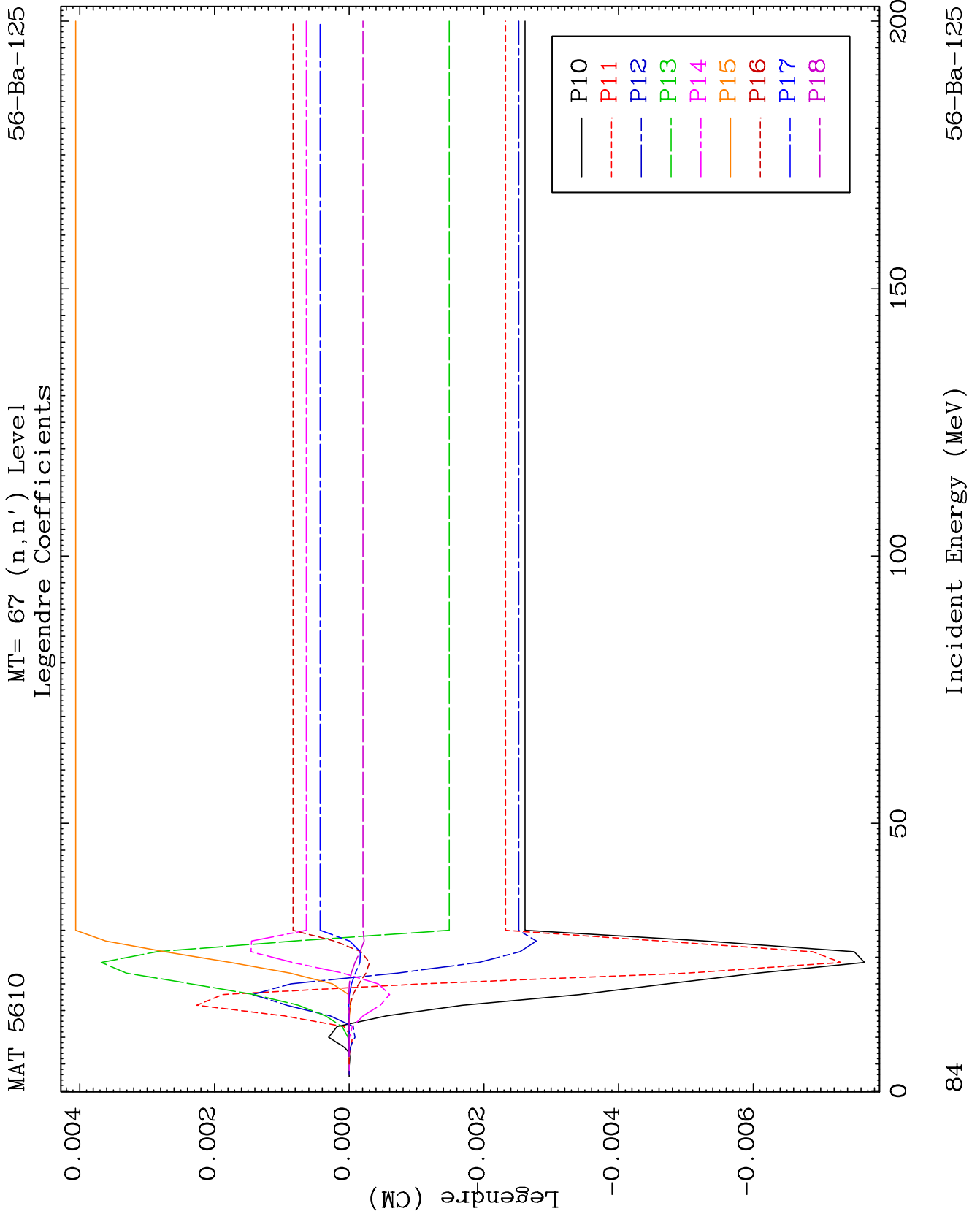
MAT 5610

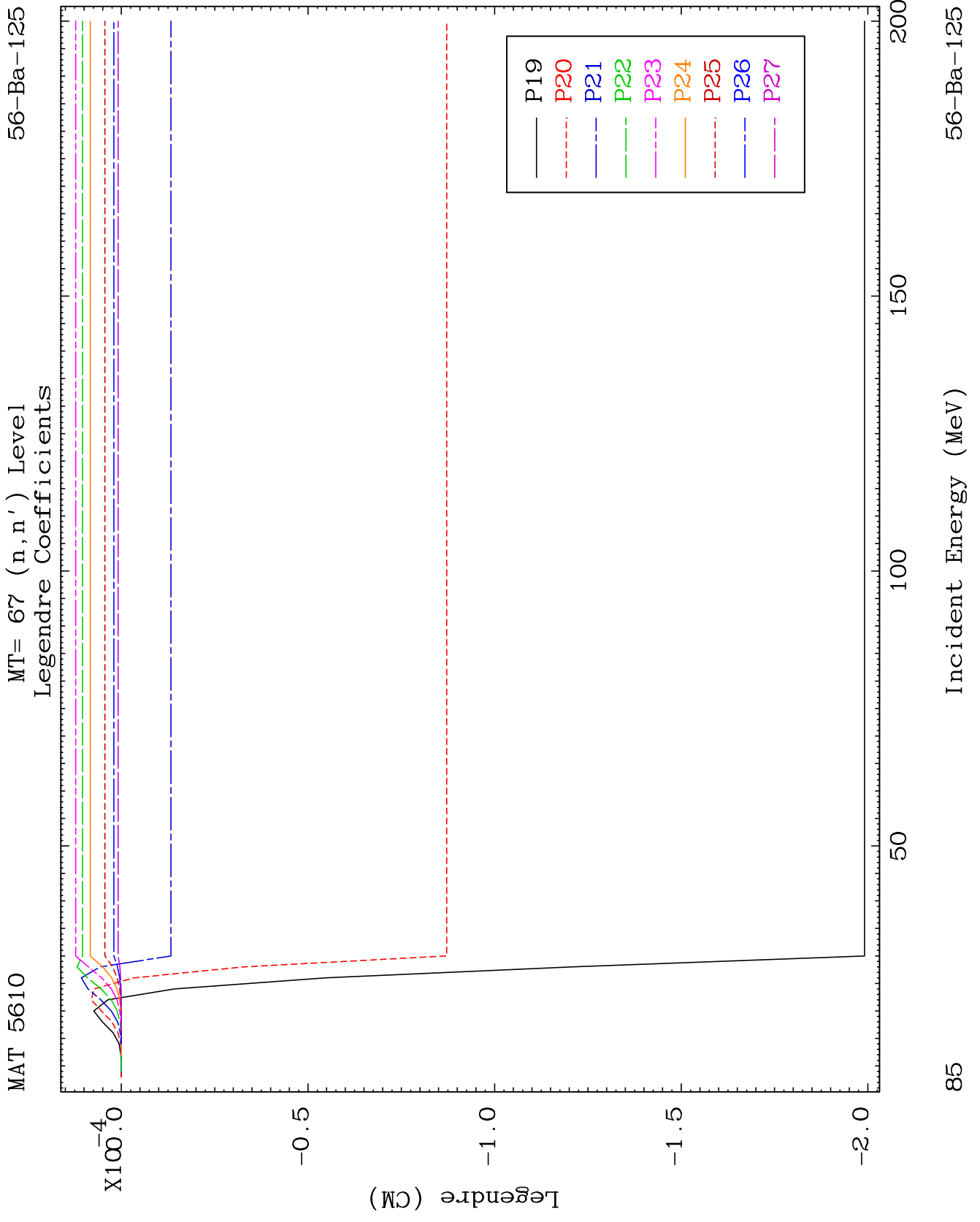
MT= 66 (n,n') Level
Legendre Coefficients

56-Ba-125





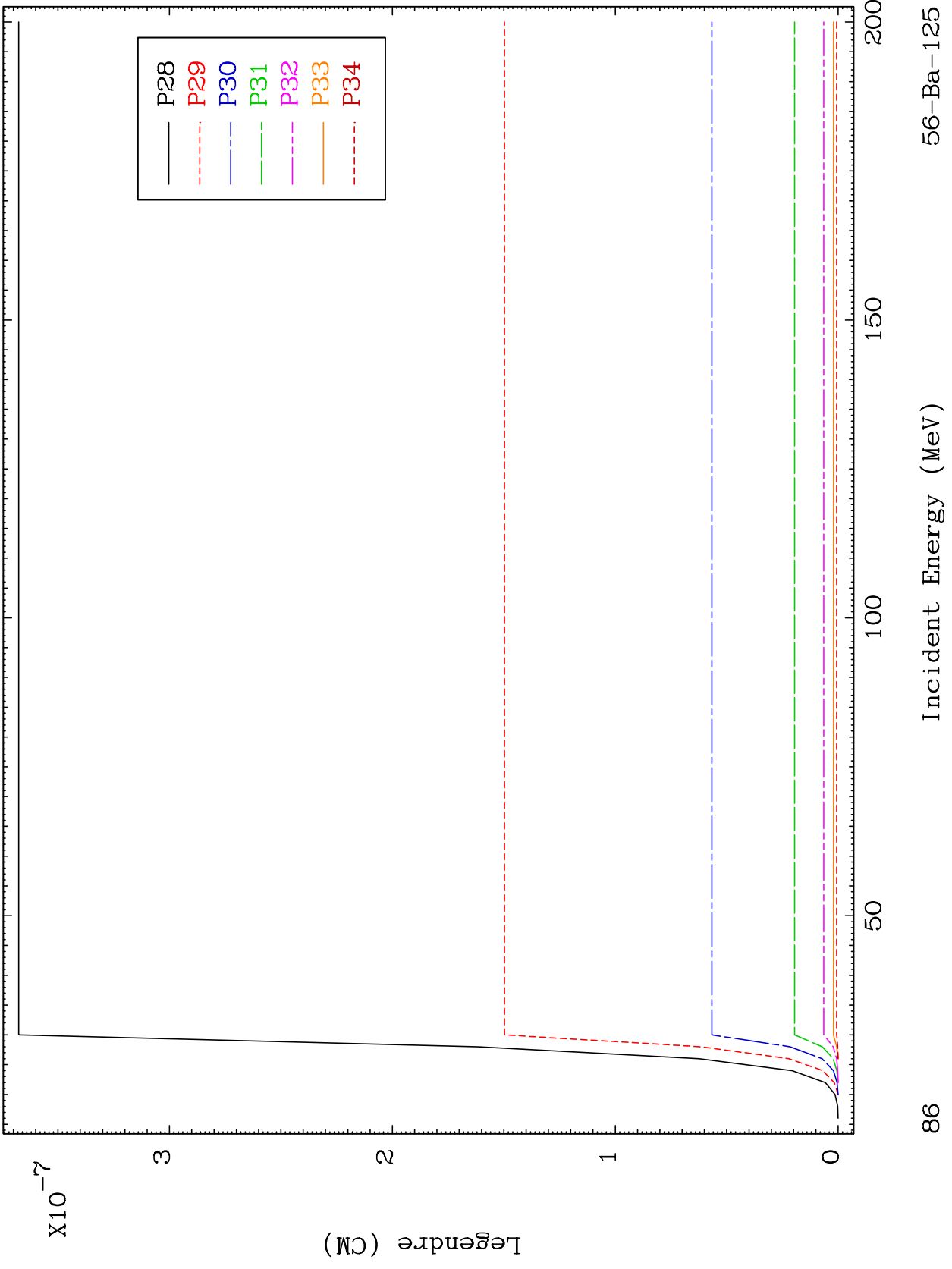




MAT 5610

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

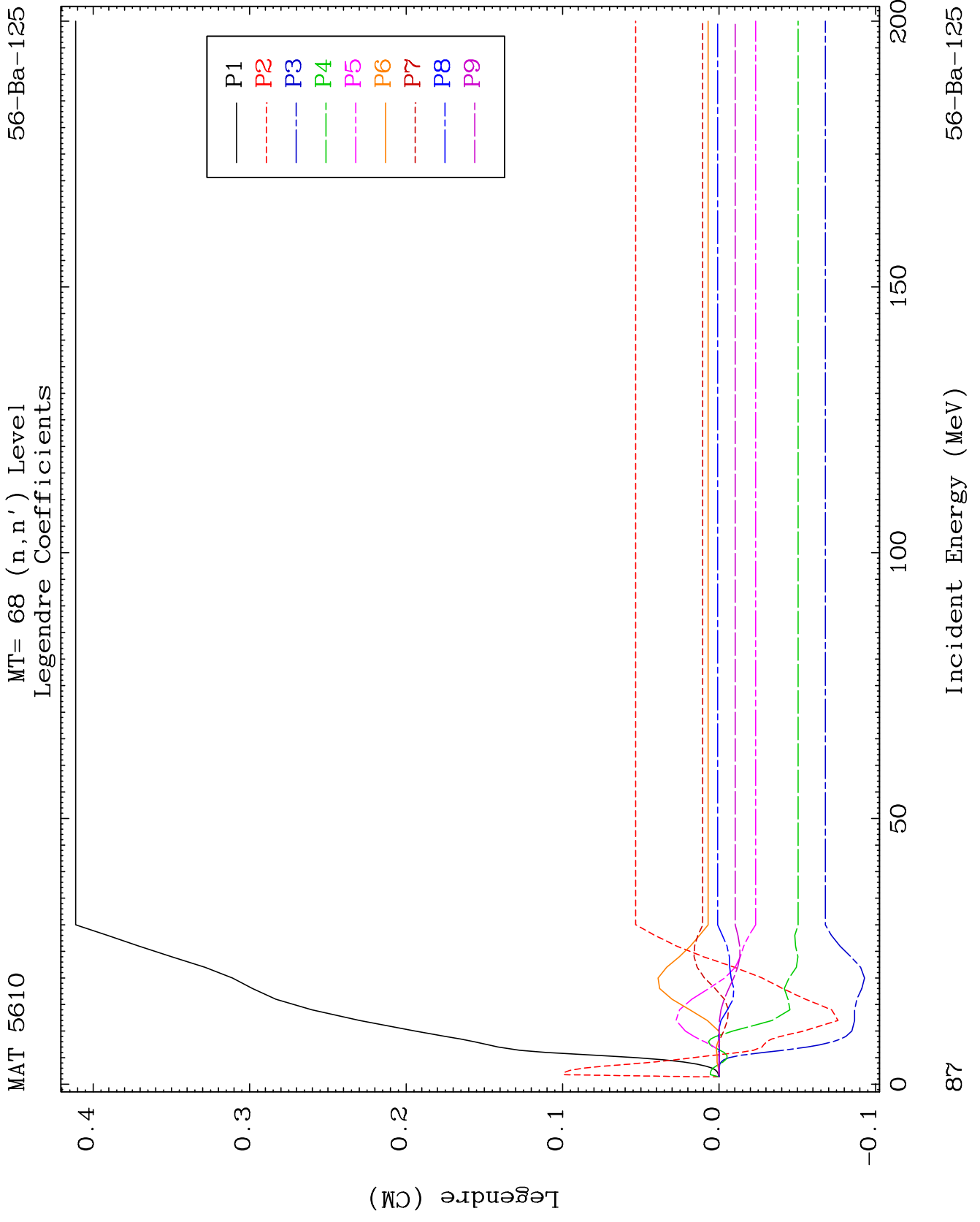
56-Ba-125



86

Incident Energy (MeV)

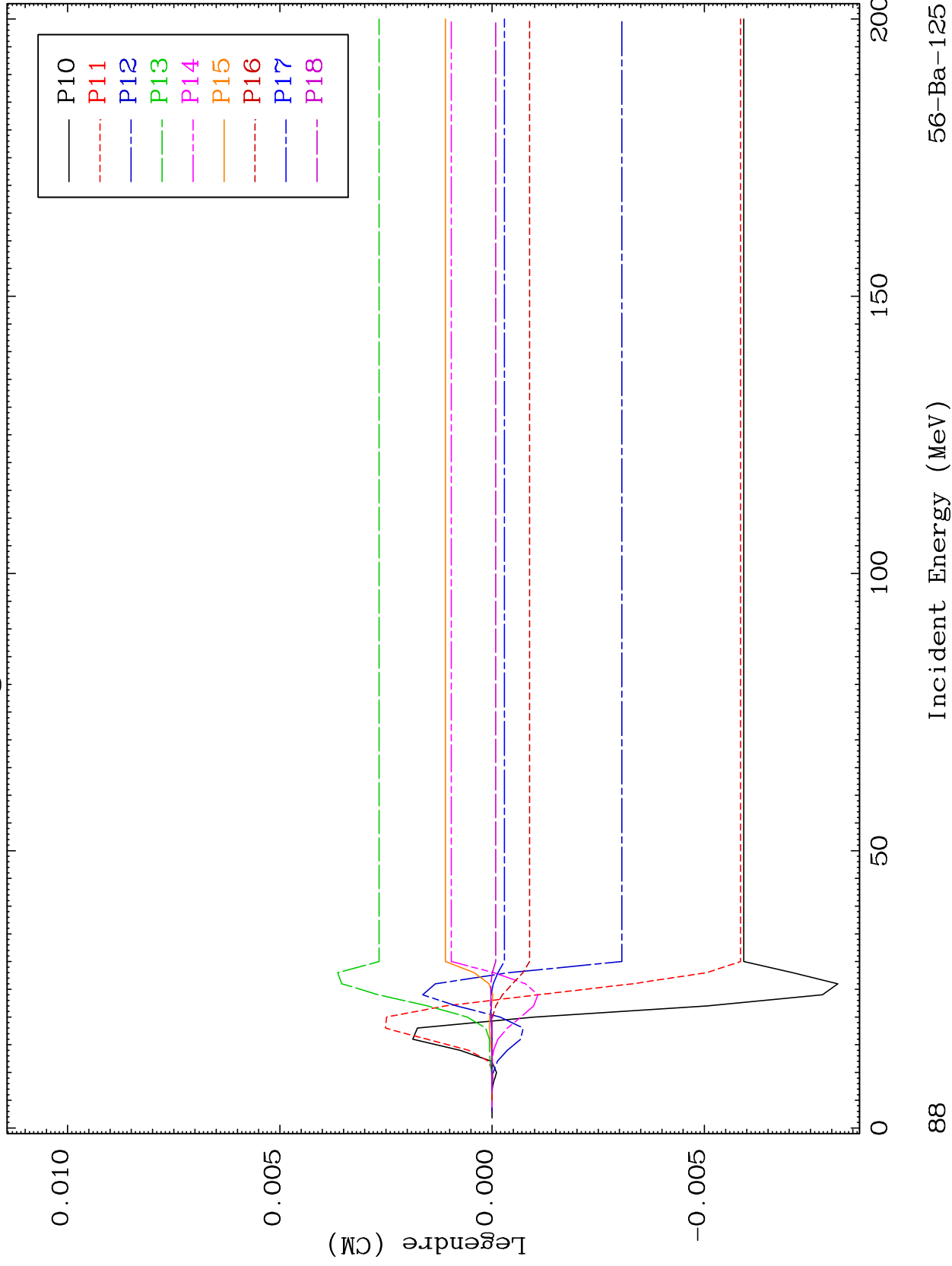
56-Ba-125



MAT 5610

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

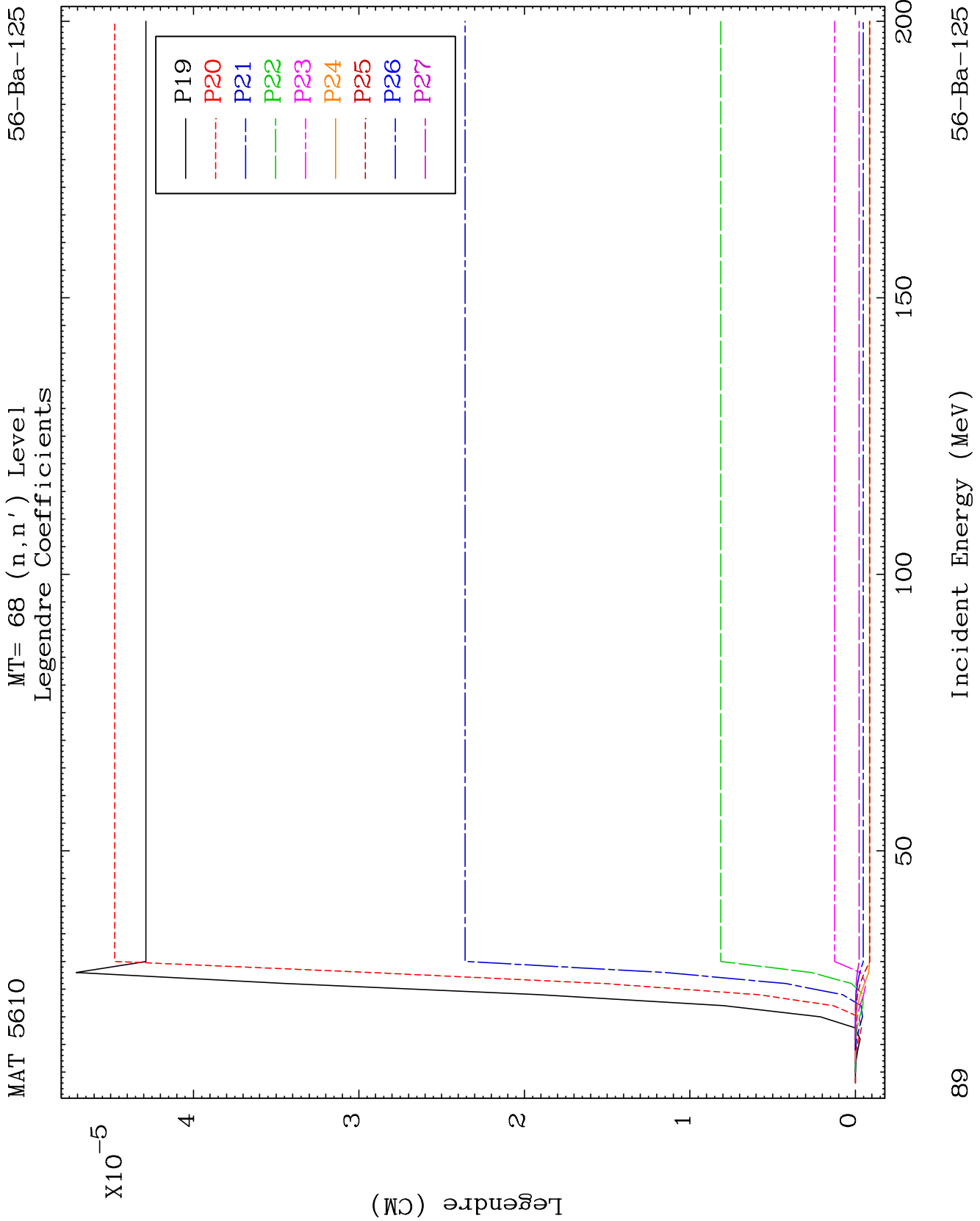
56-Ba-125

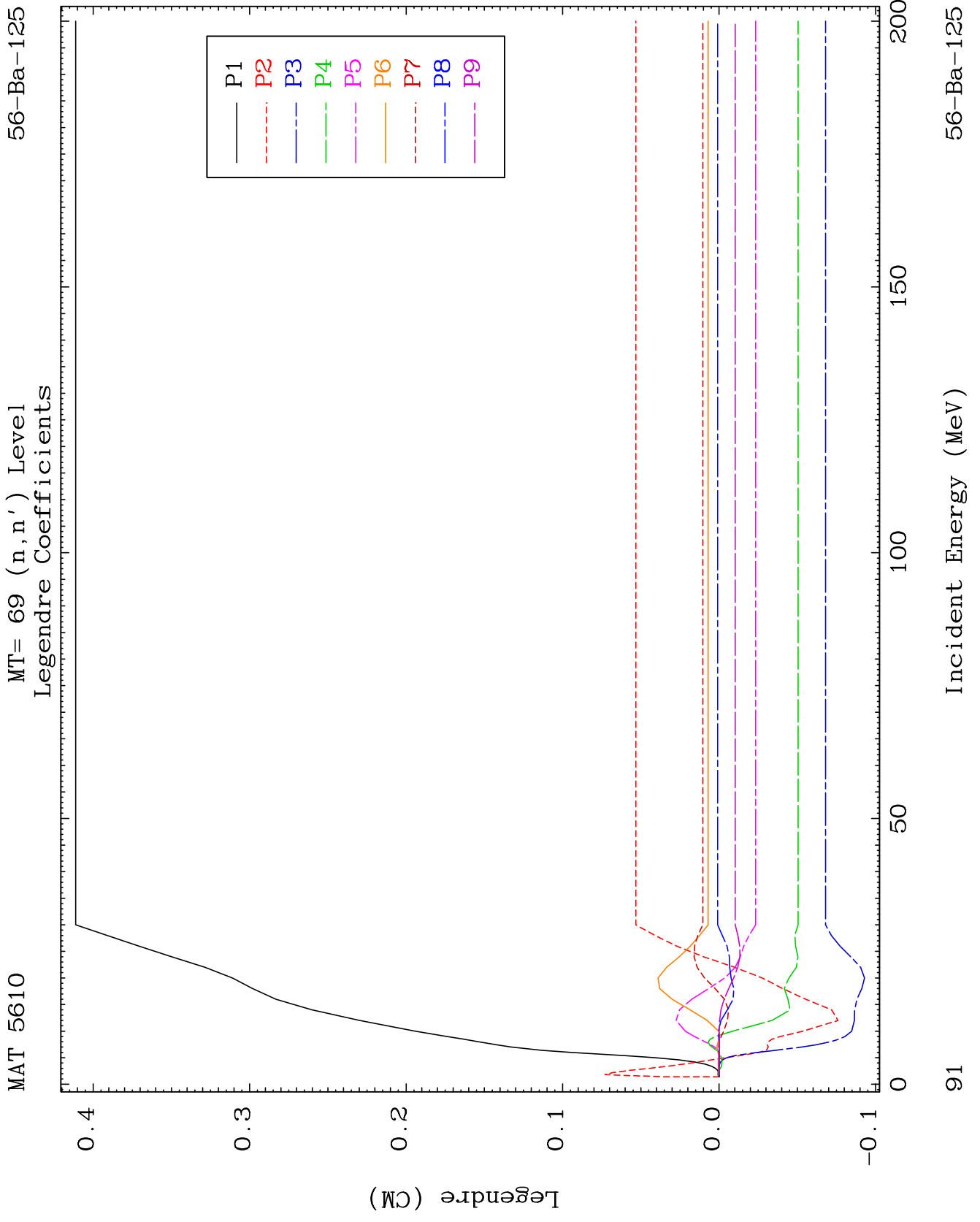


88

Incident Energy (MeV)

56-Ba-125

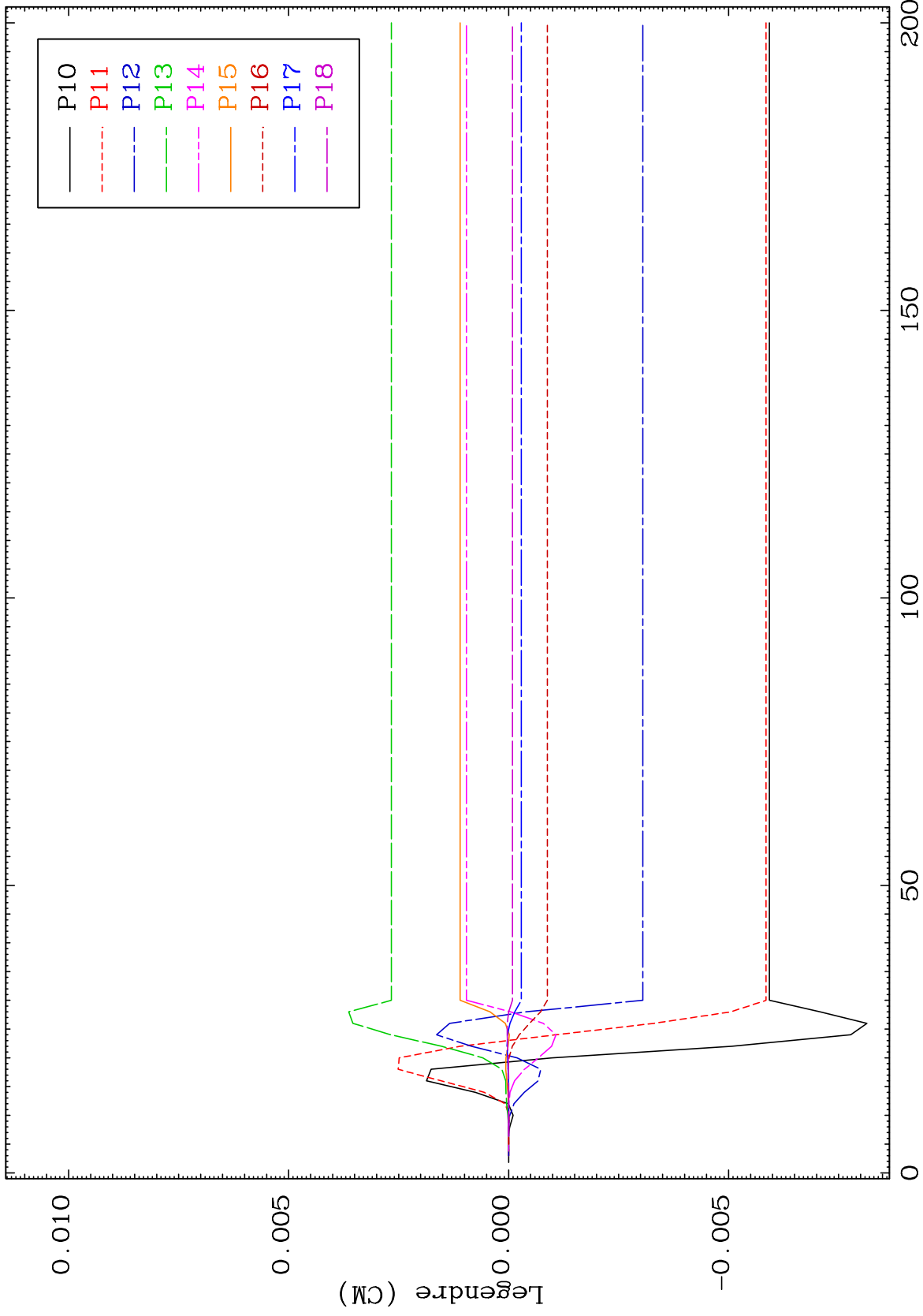




MAT 5610

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

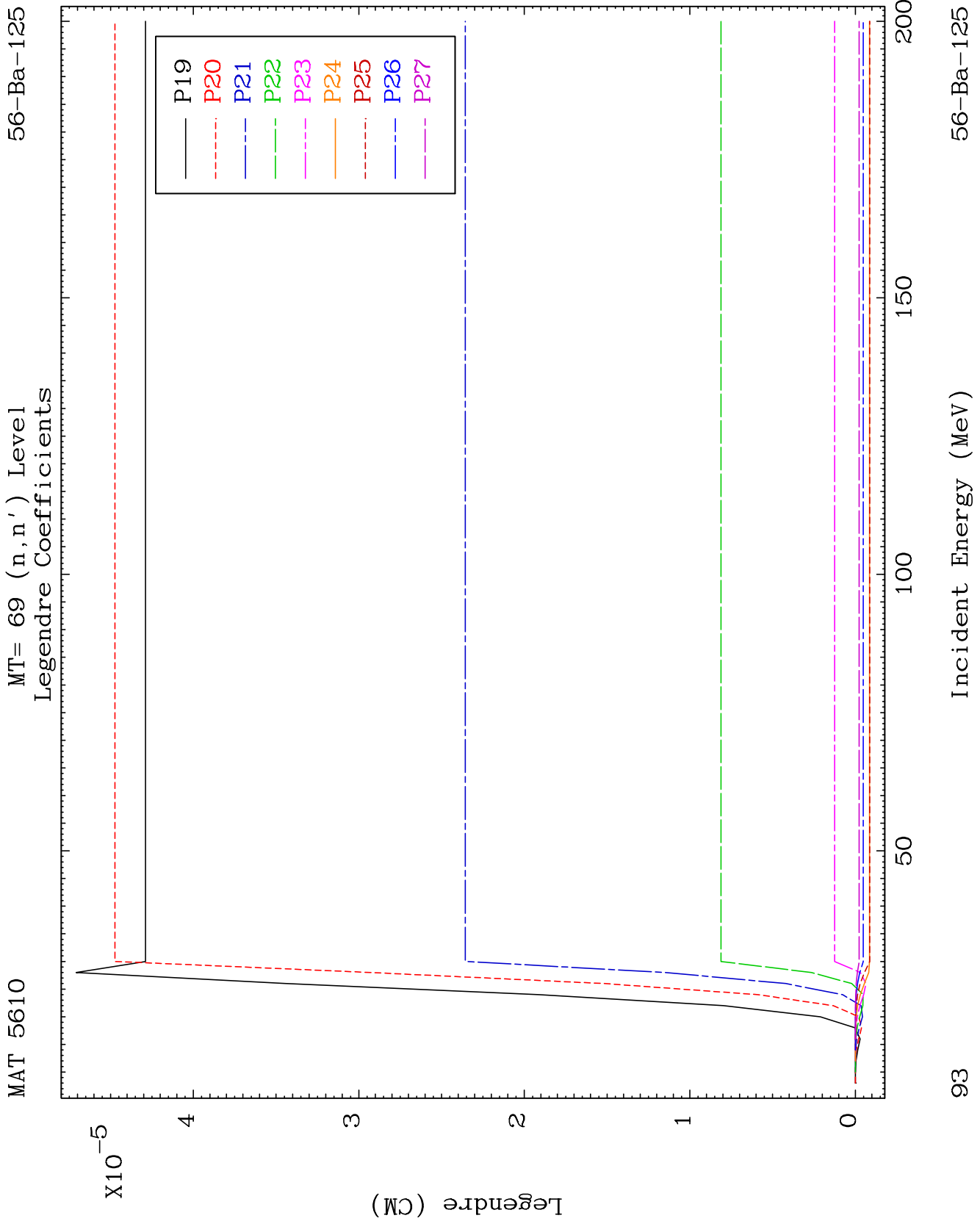
56-Ba-125

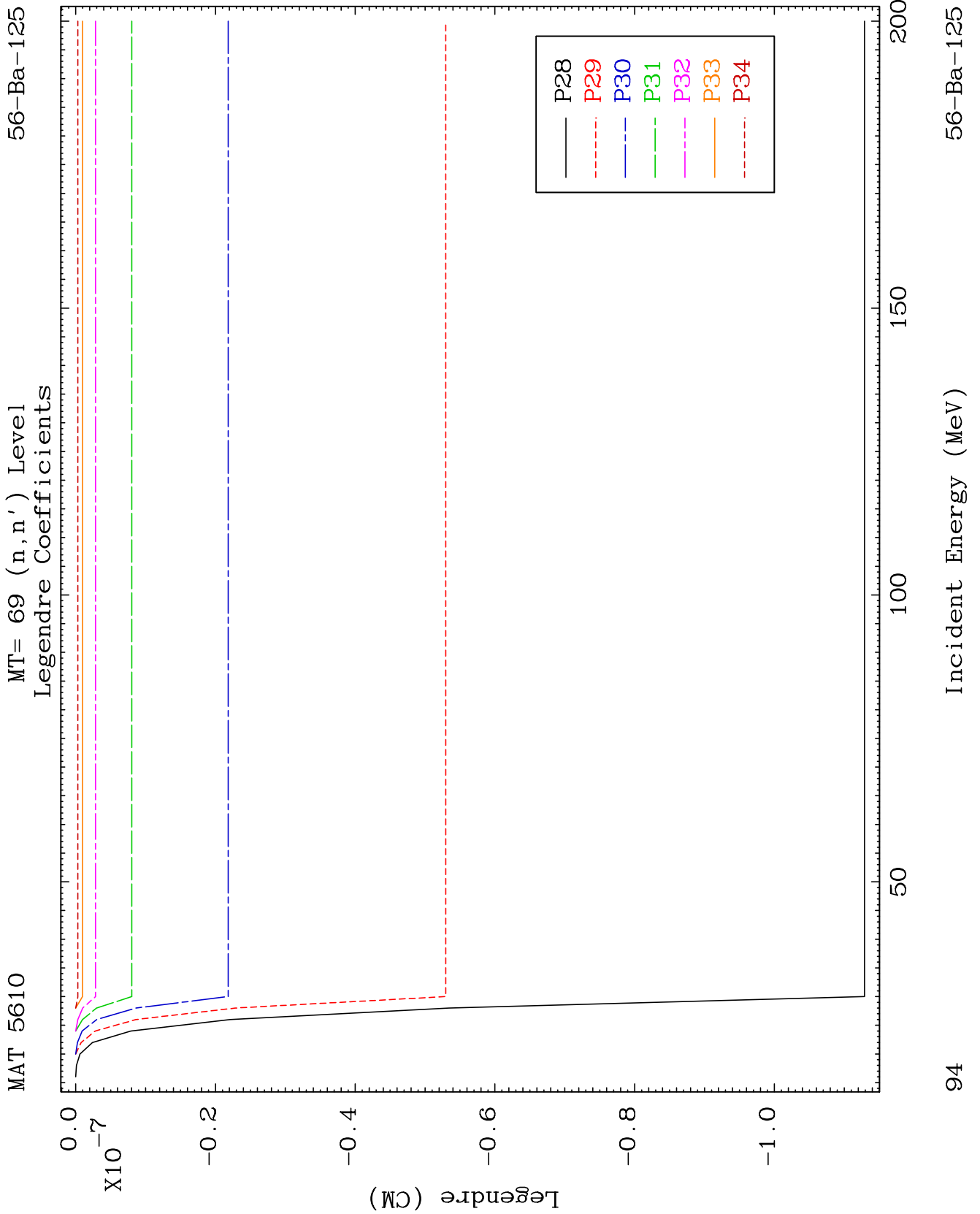


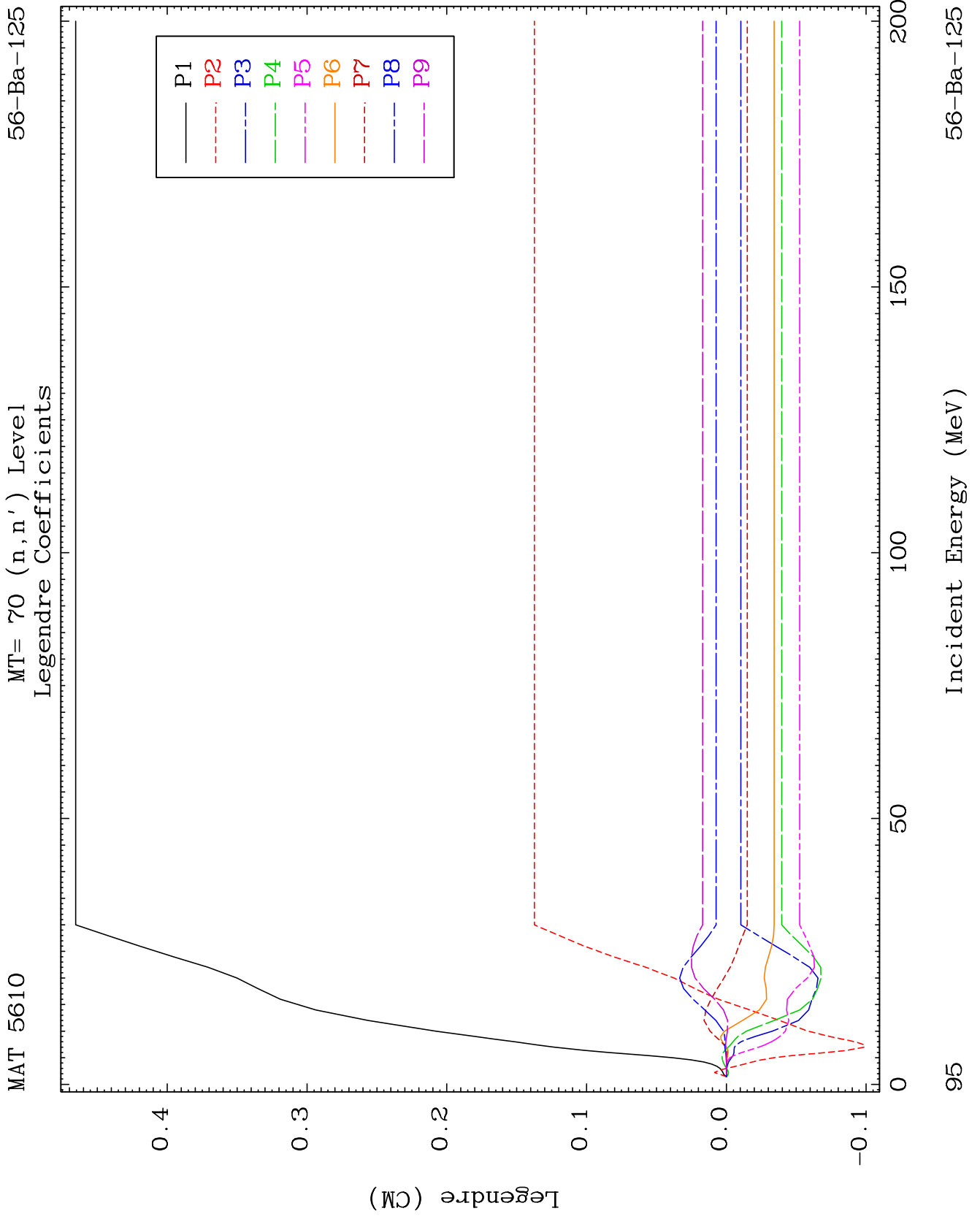
92

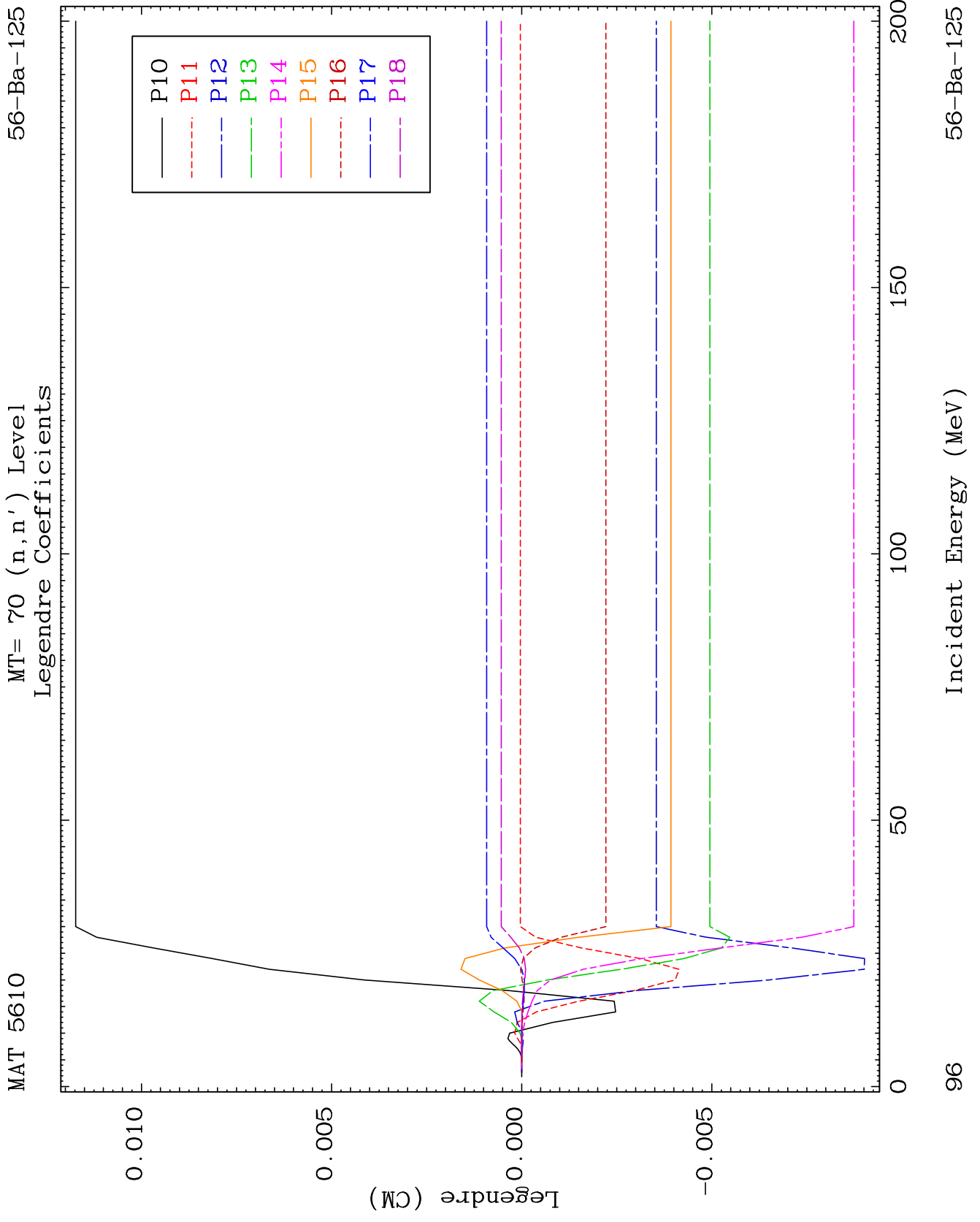
Incident Energy (MeV)

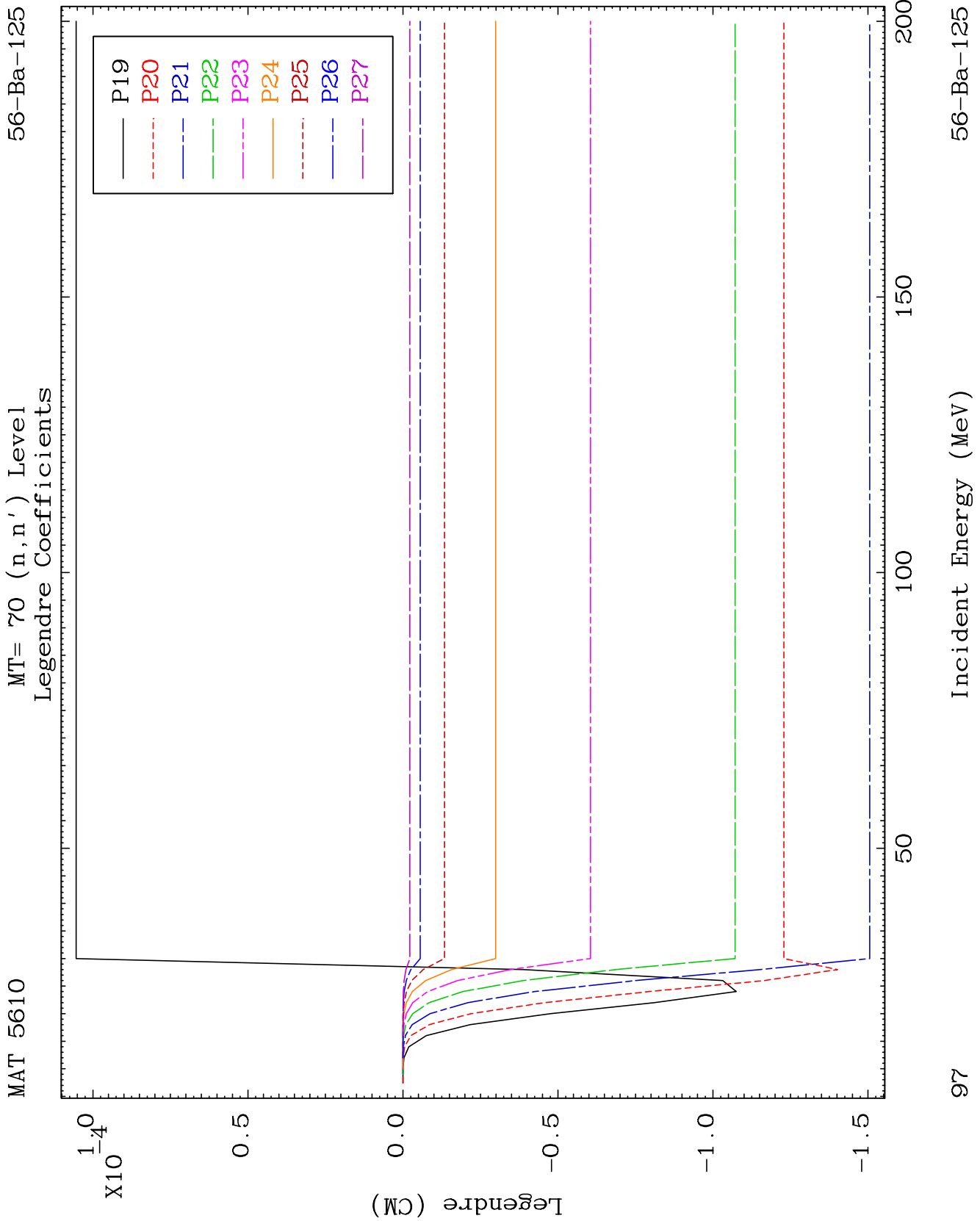
56-Ba-125

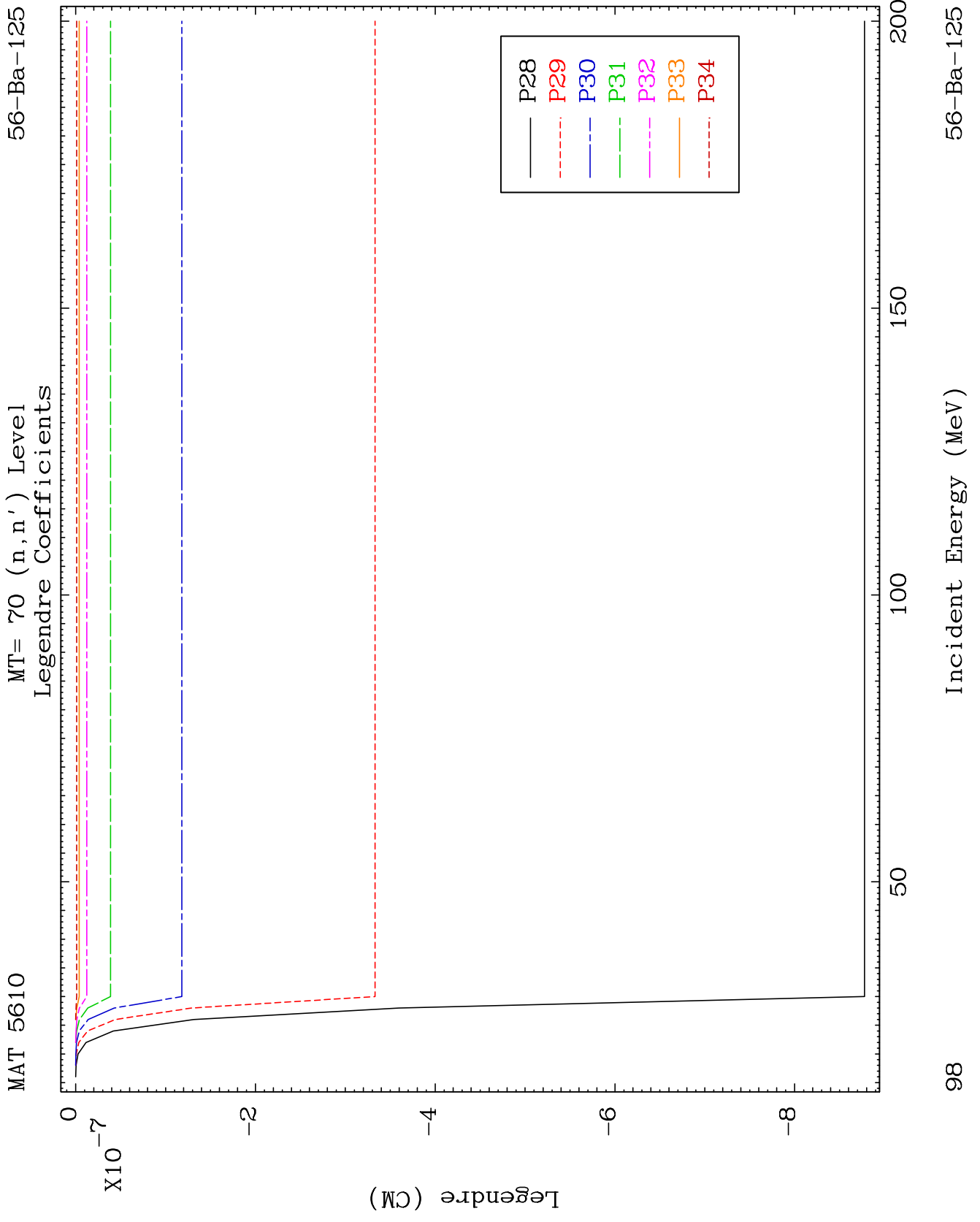


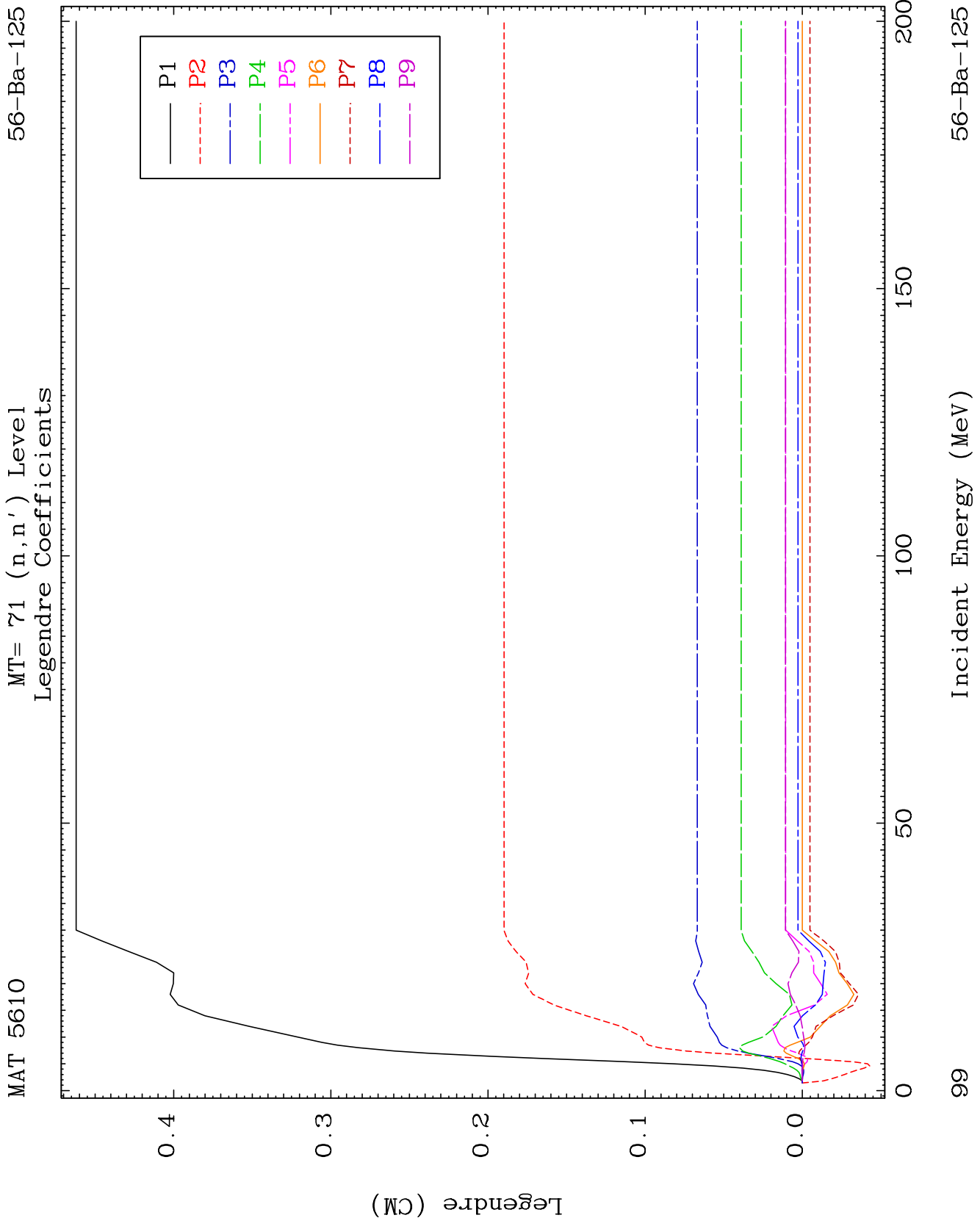








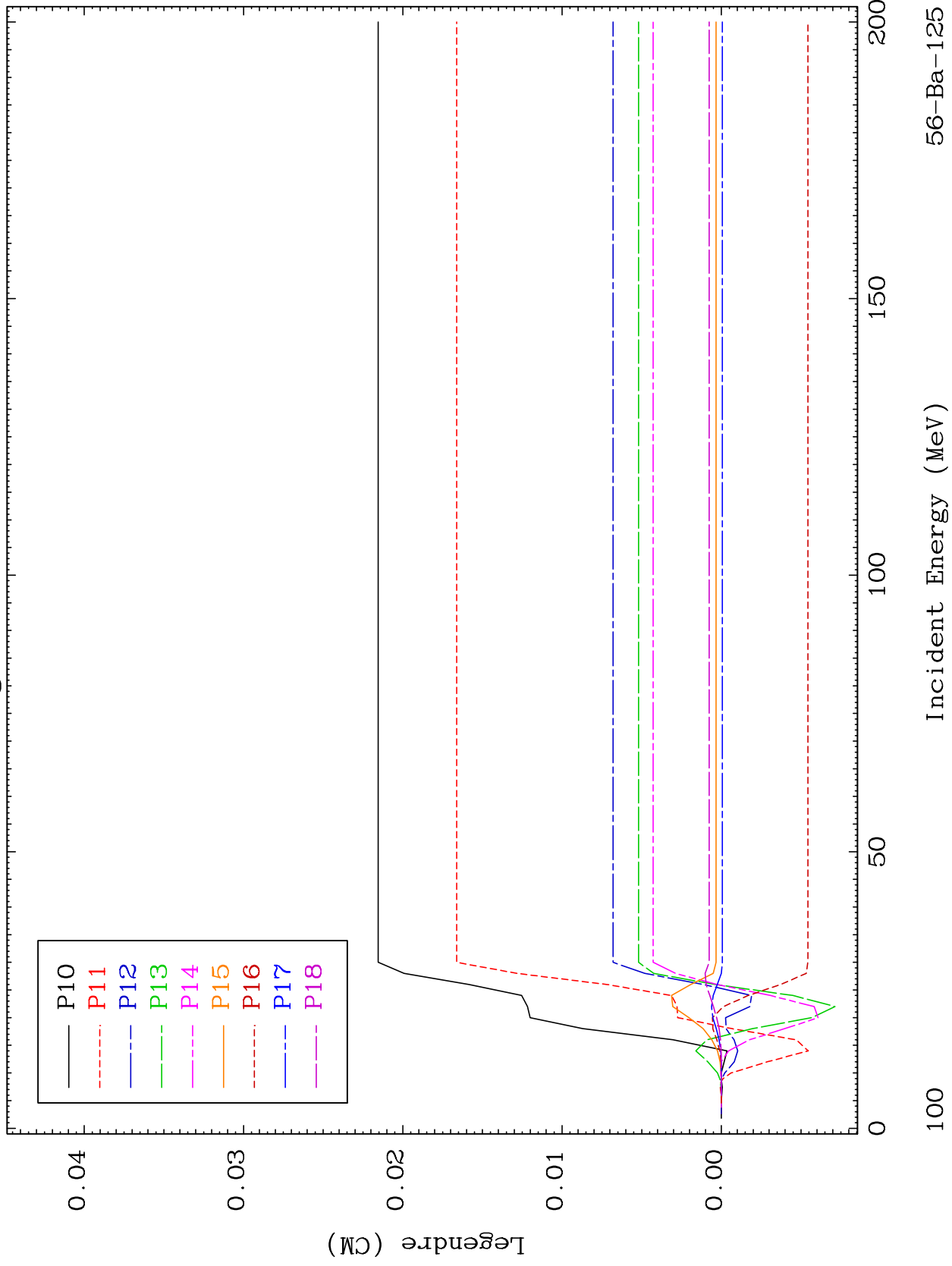




MAT 5610

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

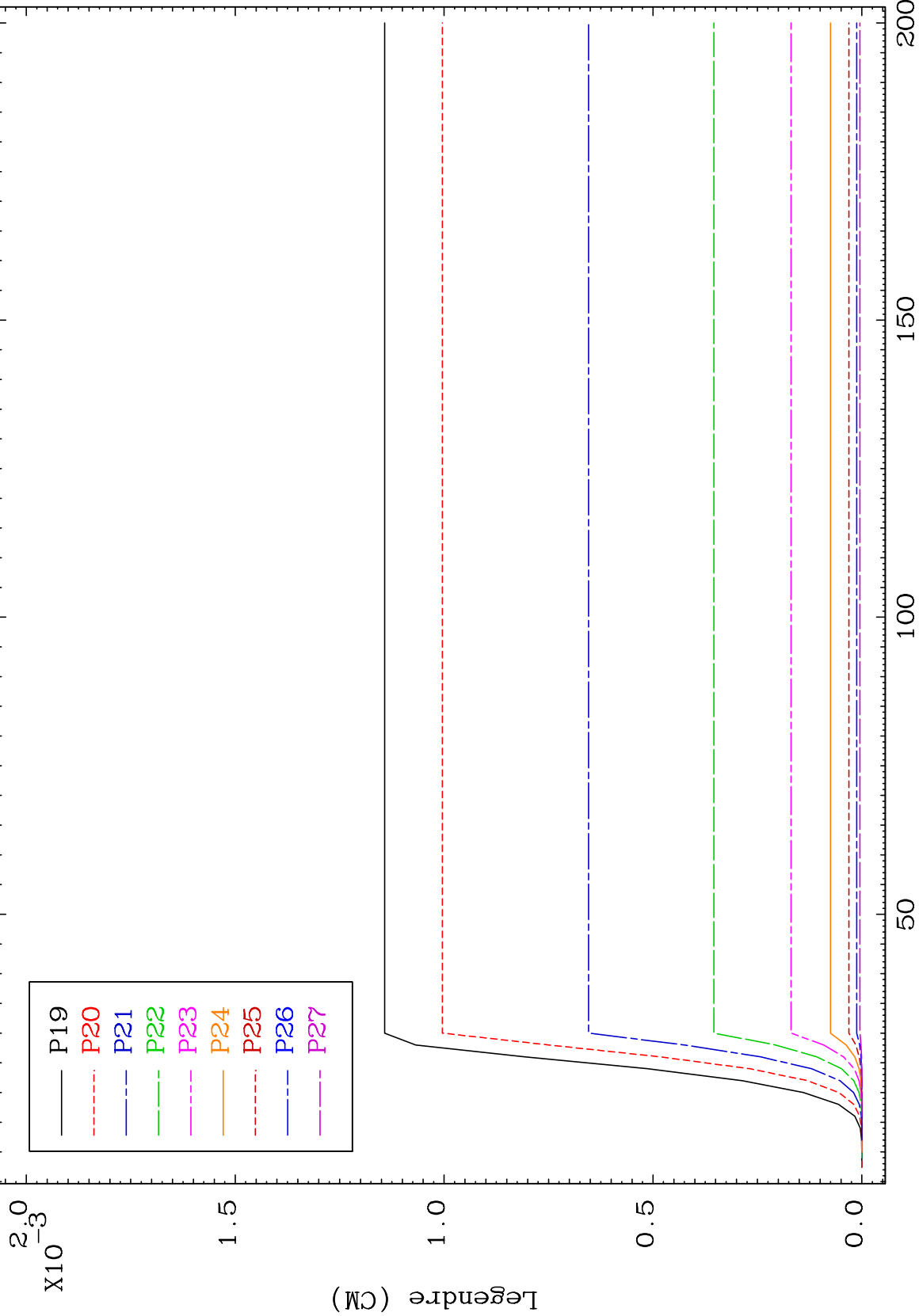
56-Ba-125



MAT 5610

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

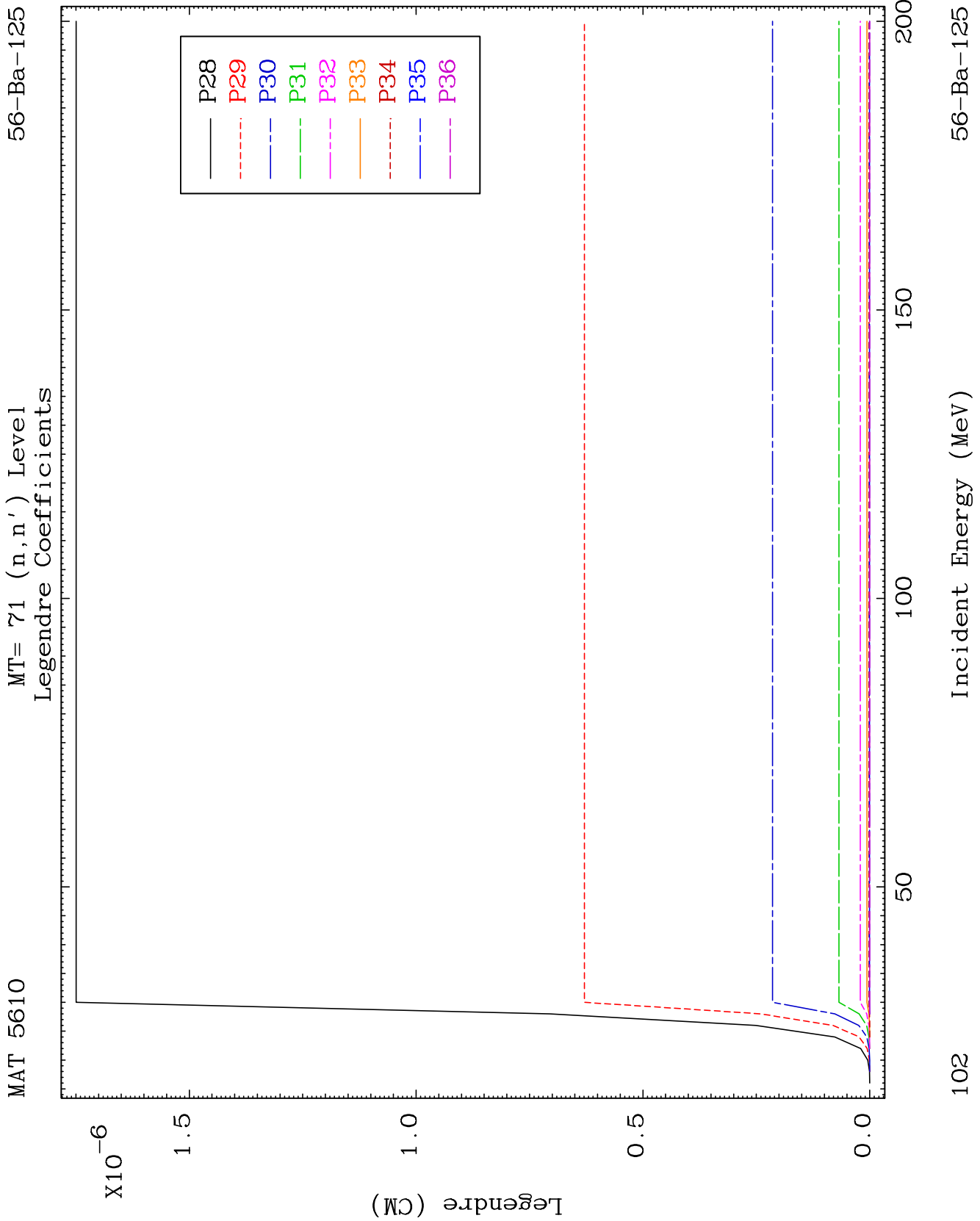
56-Ba-125

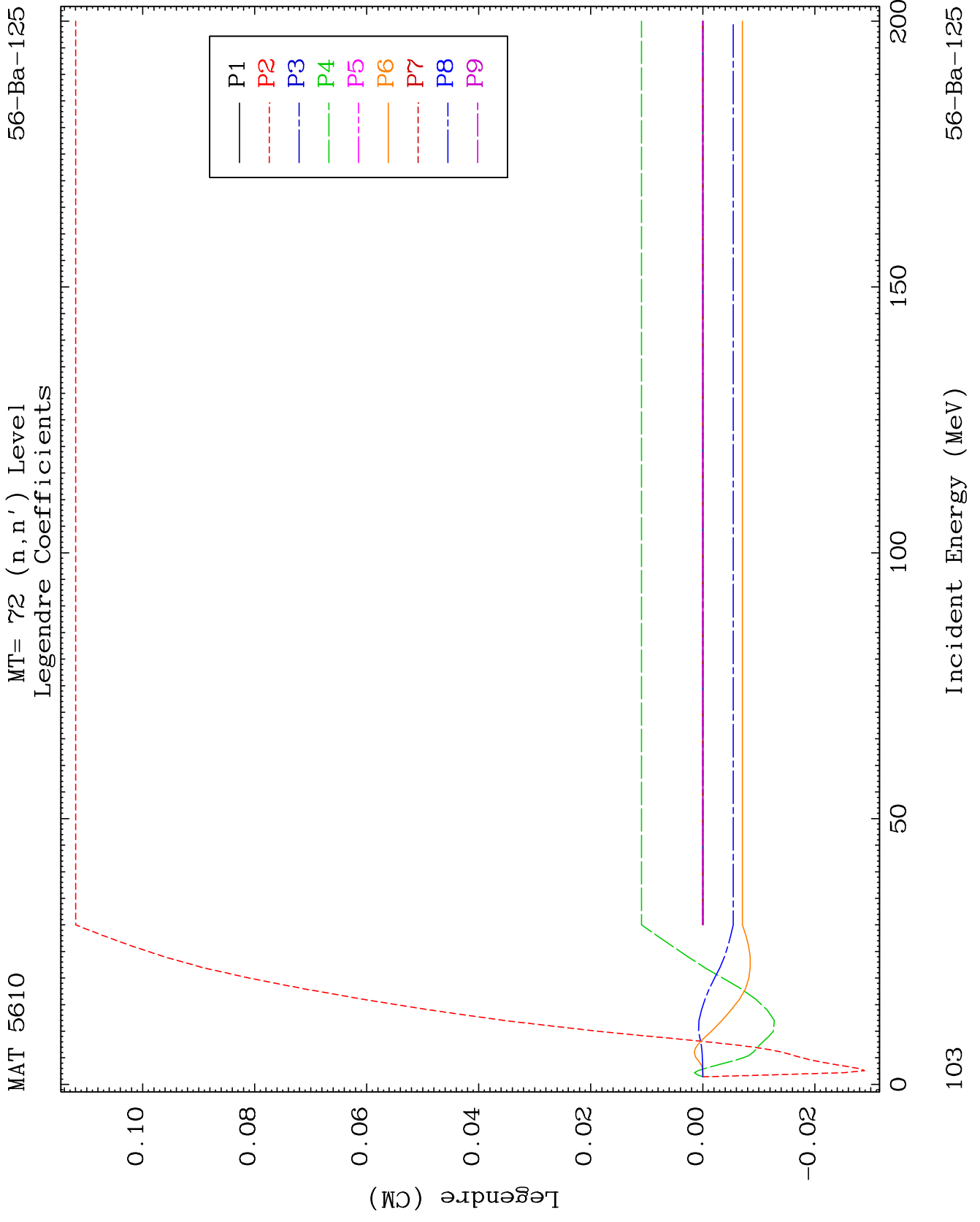


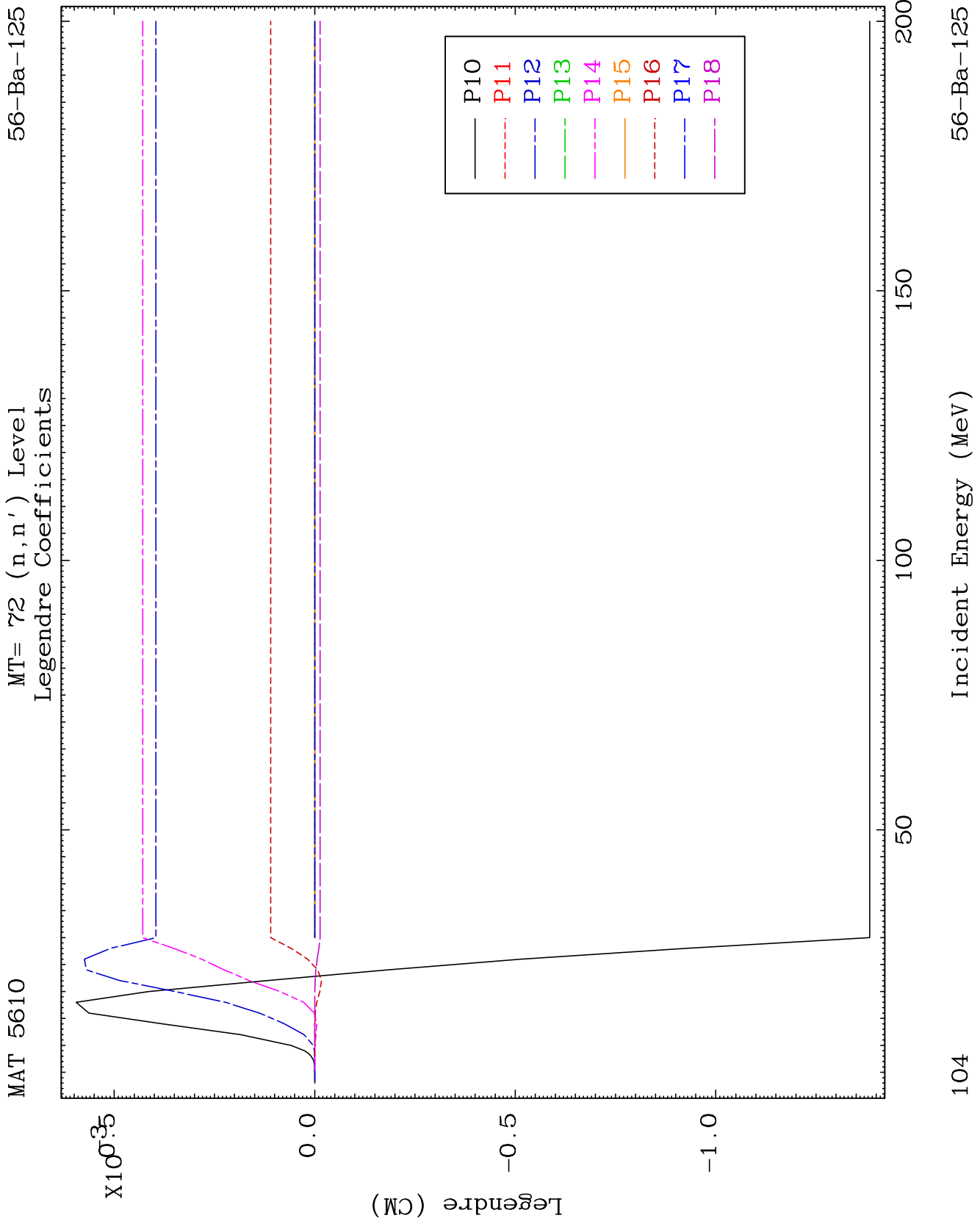
101

Incident Energy (MeV)

56-Ba-125



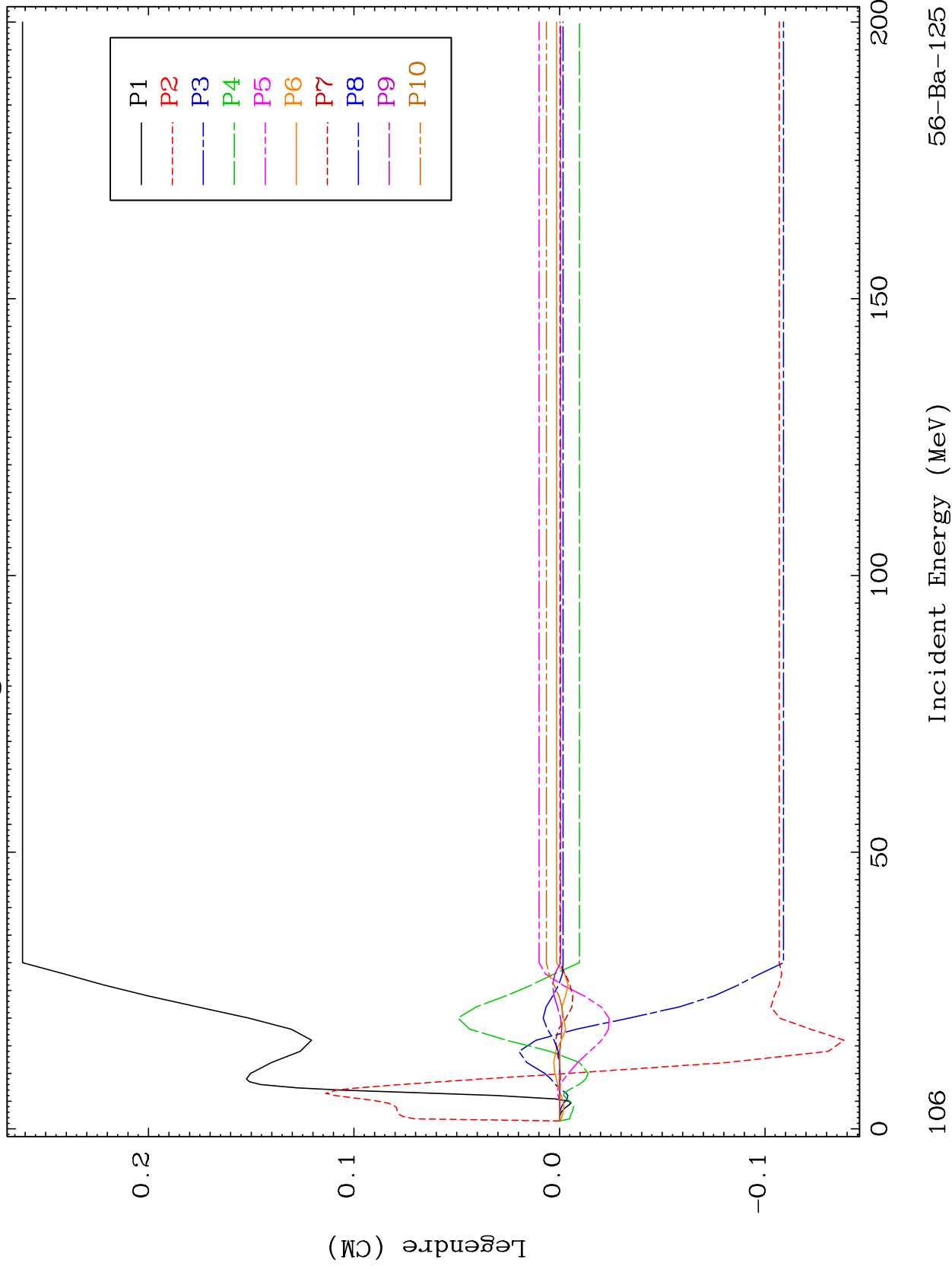




MAT 5610

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

56-Ba-125



56-Ba-125

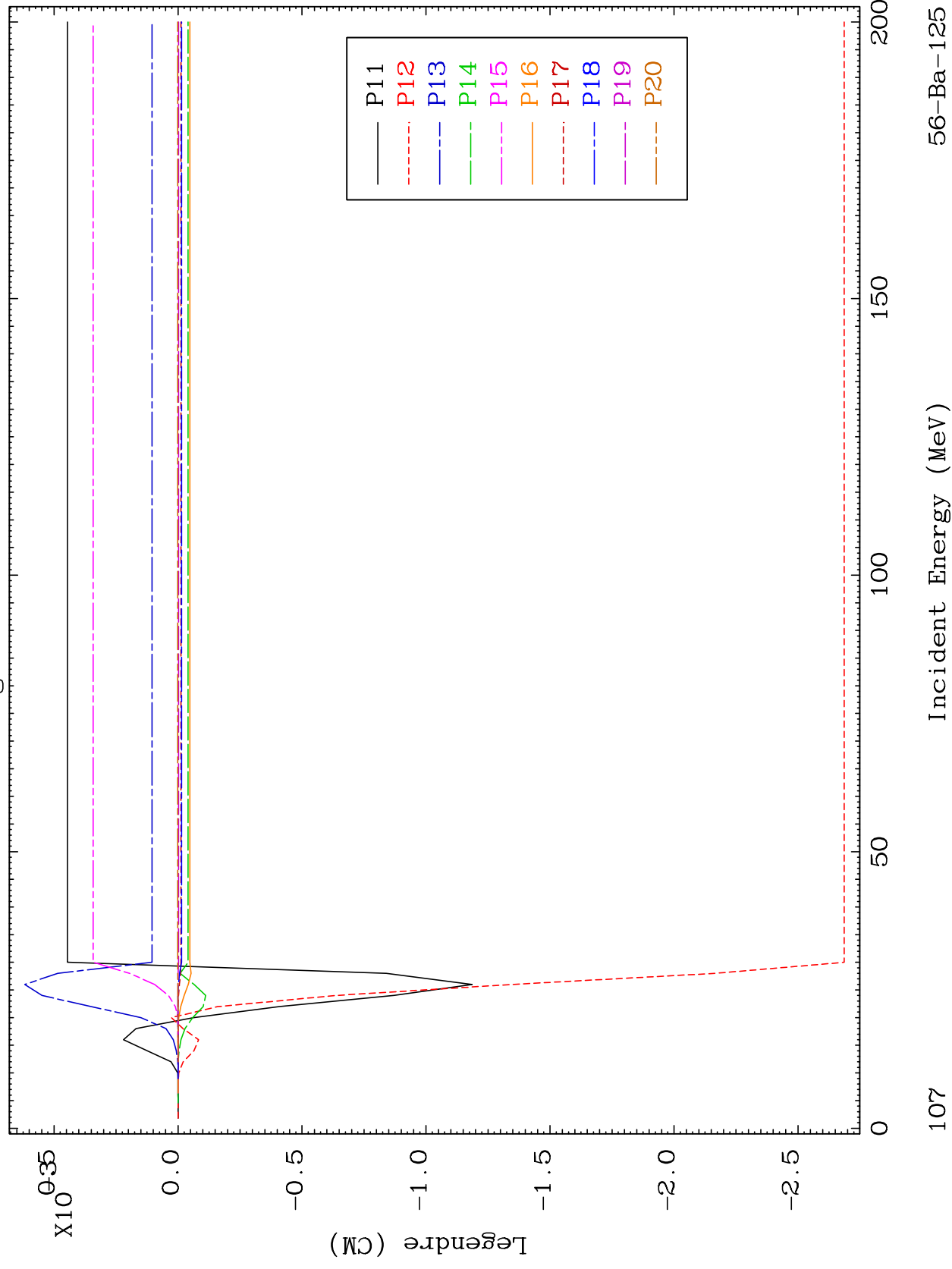
Incident Energy (MeV)

106

MAT 5610

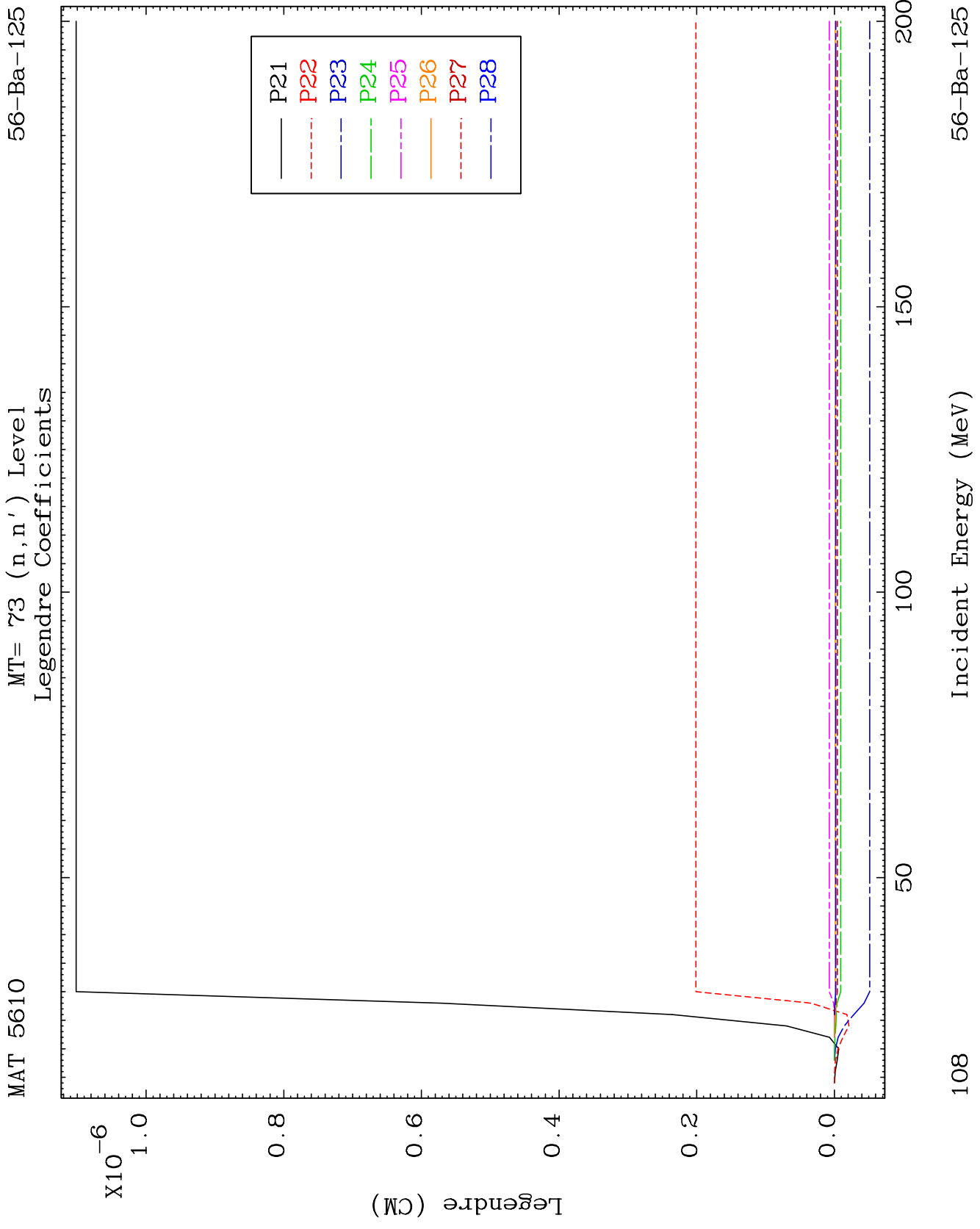
MT= 73 (n,n') Level
Legendre Coefficients

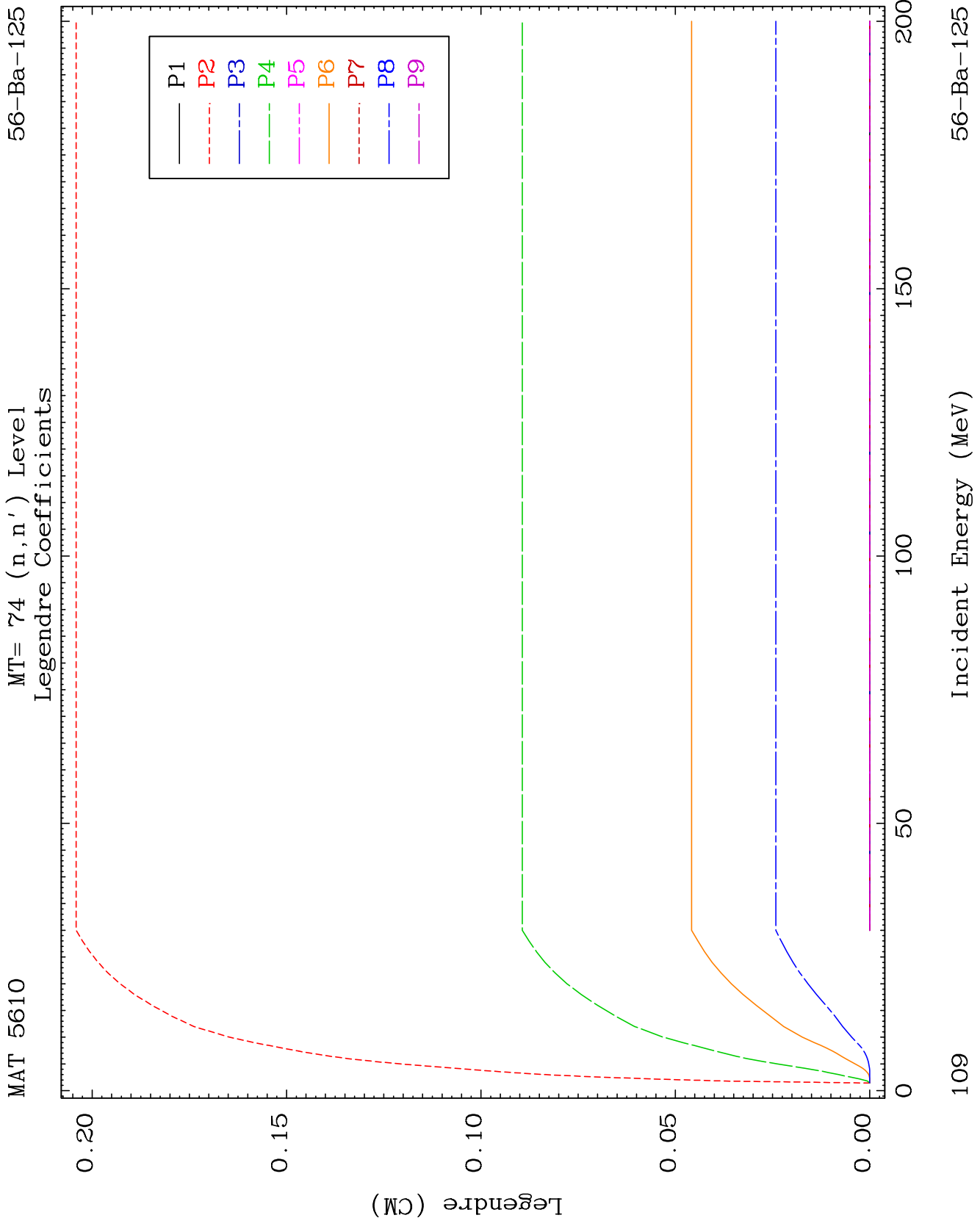
56-Ba-125



107

56-Ba-125

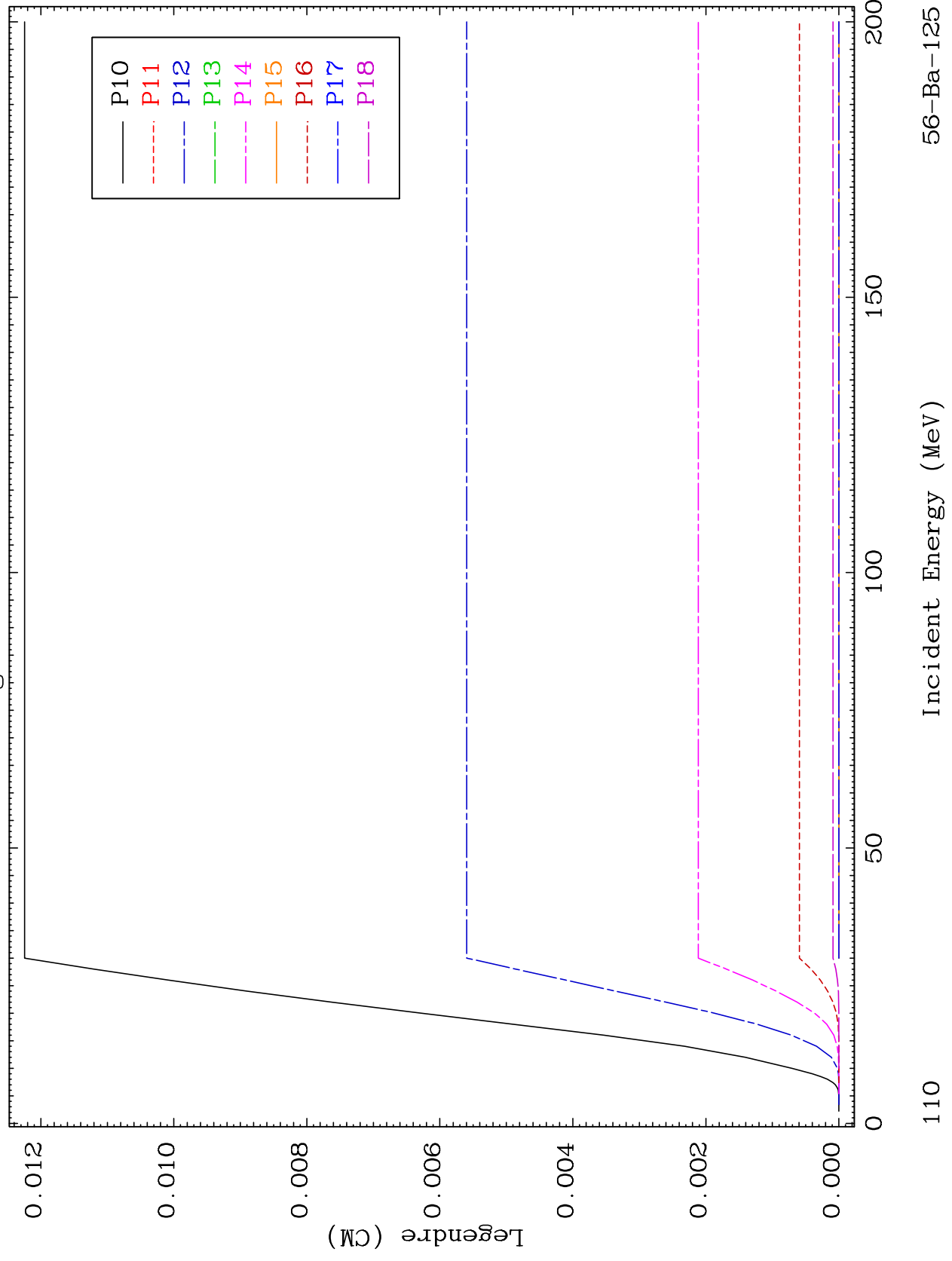




MAT 5610

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

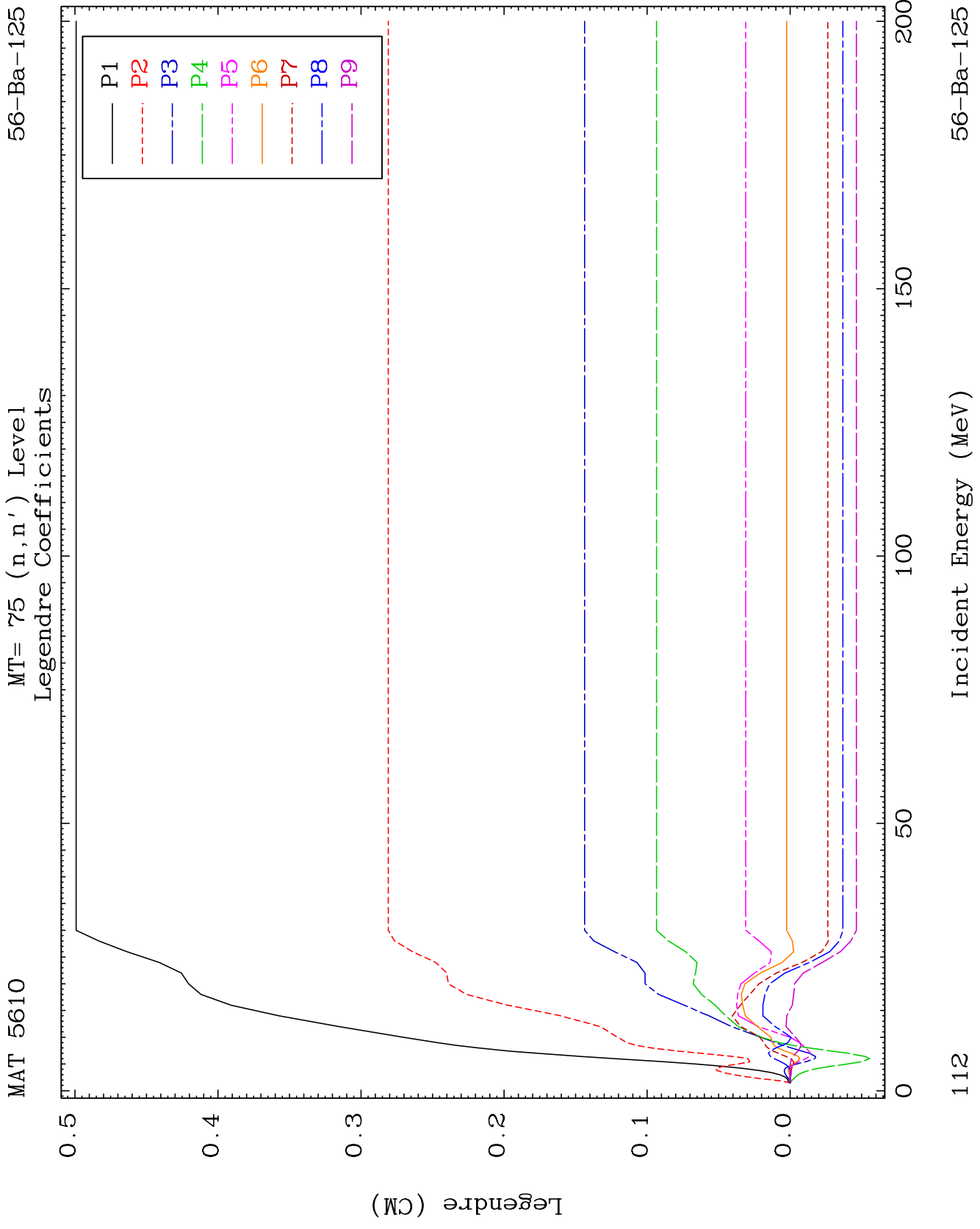
56-Ba-125

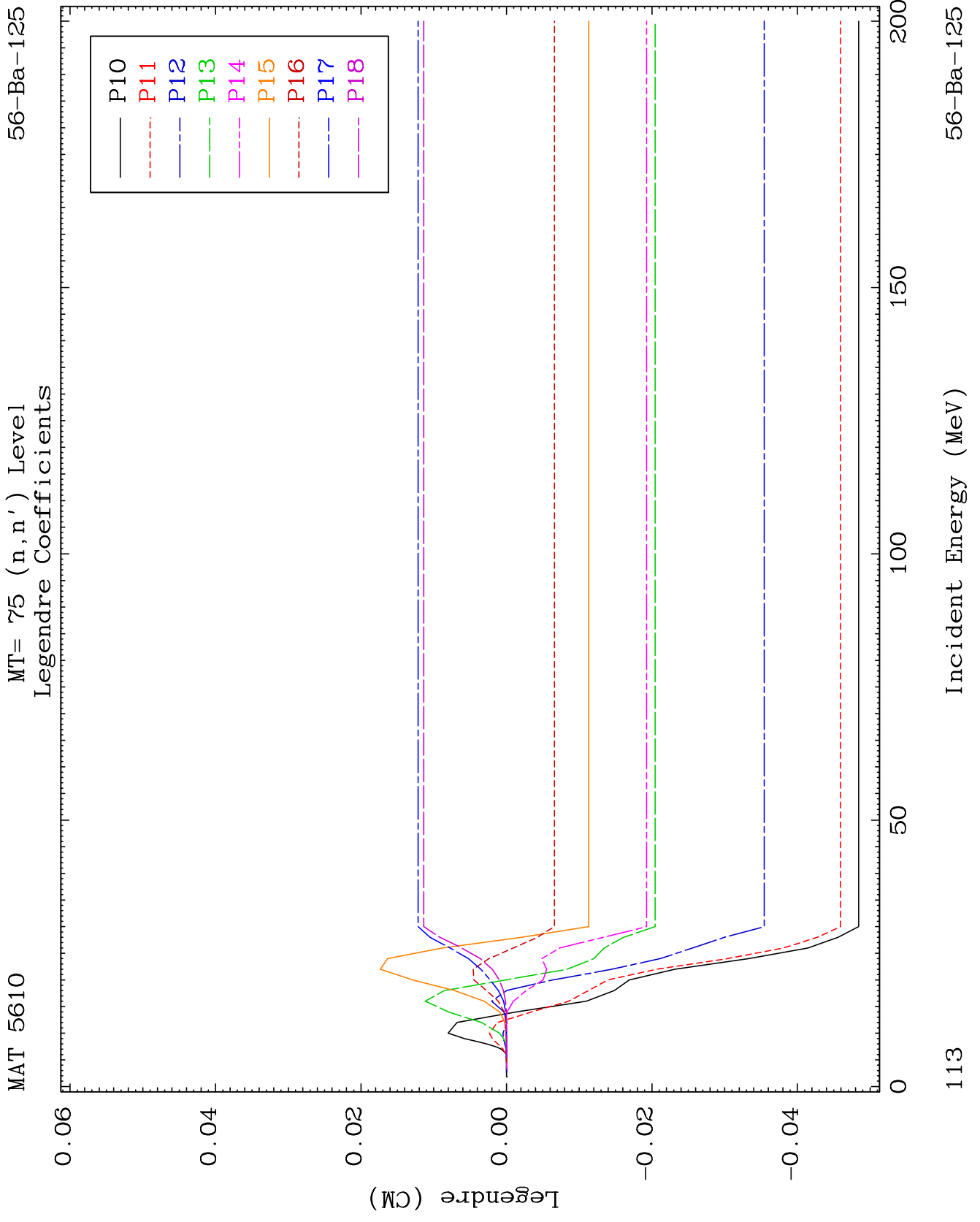


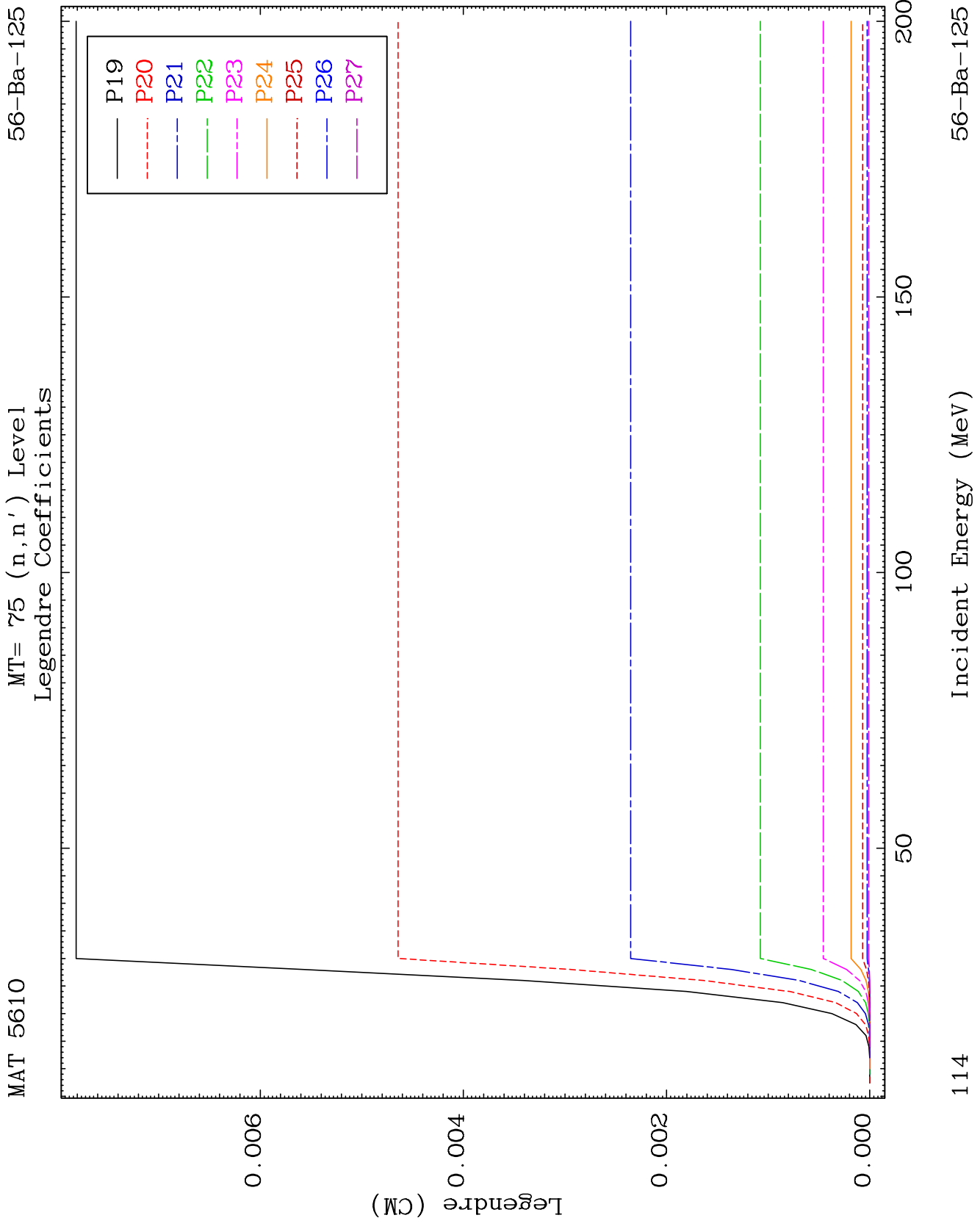
56-Ba-125

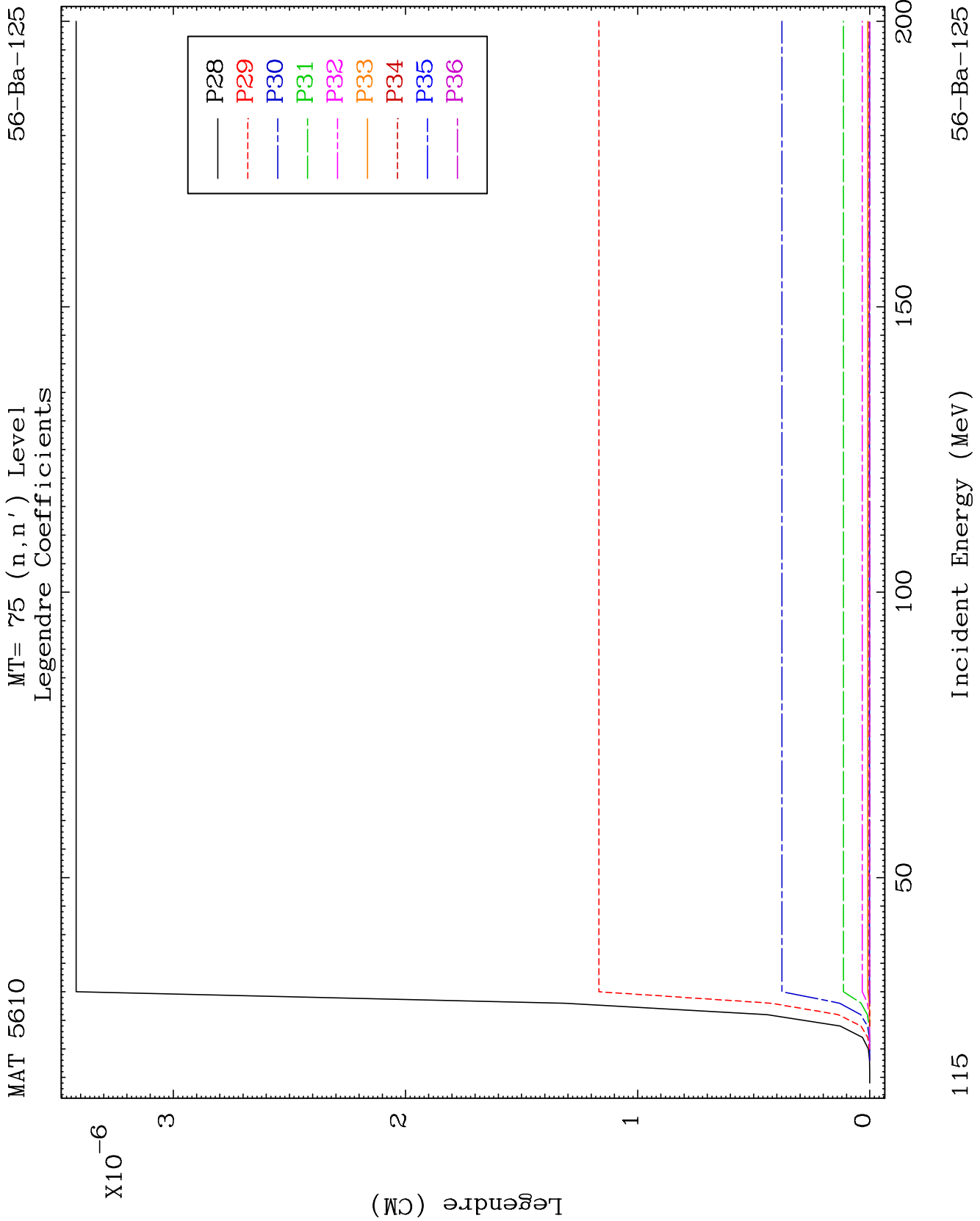
Incident Energy (MeV)

110





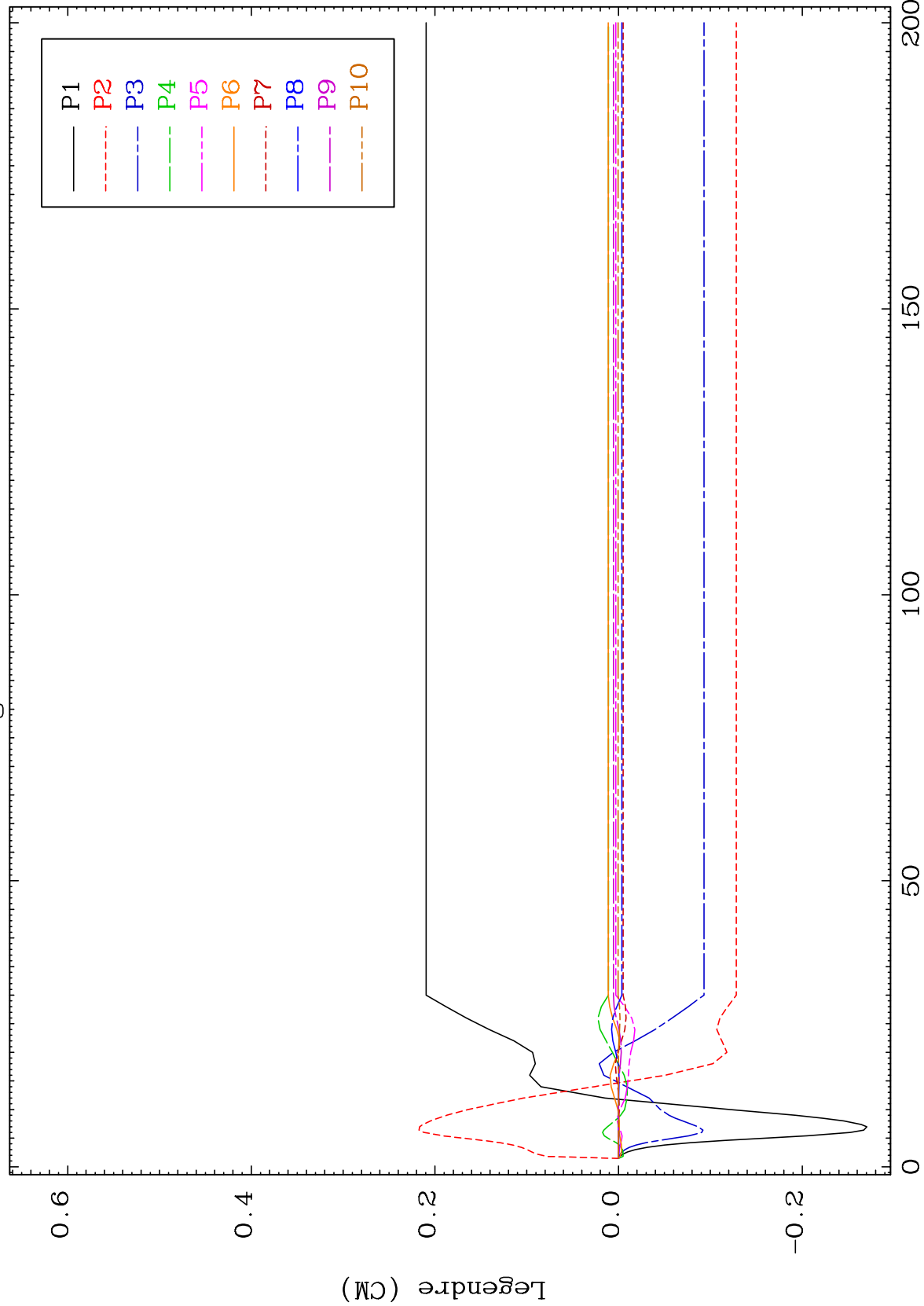




MAT 5610

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

56-Ba-125



116

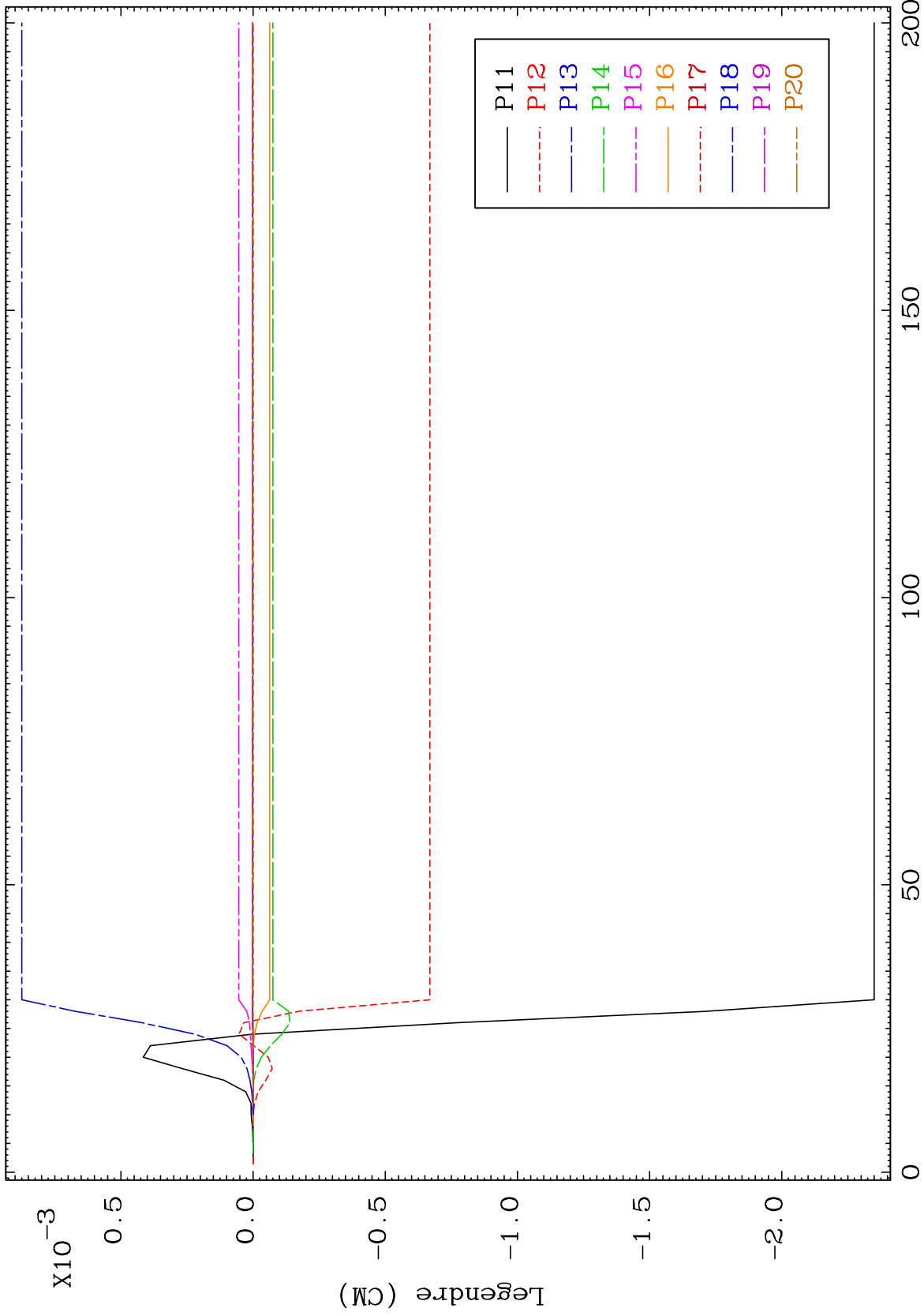
Incident Energy (MeV)

56-Ba-125

MAT 5610

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

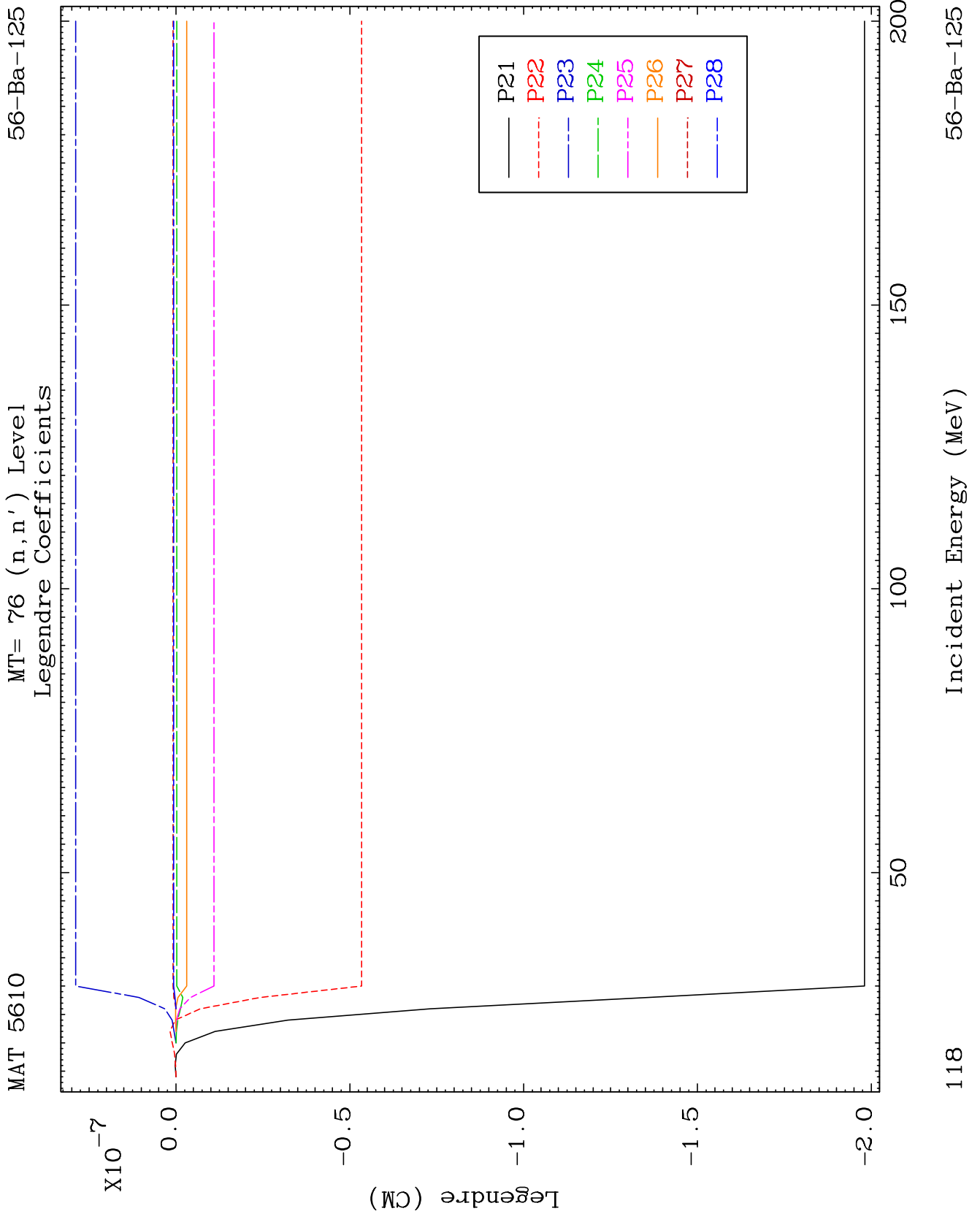
56-Ba-125



117

Incident Energy (MeV)

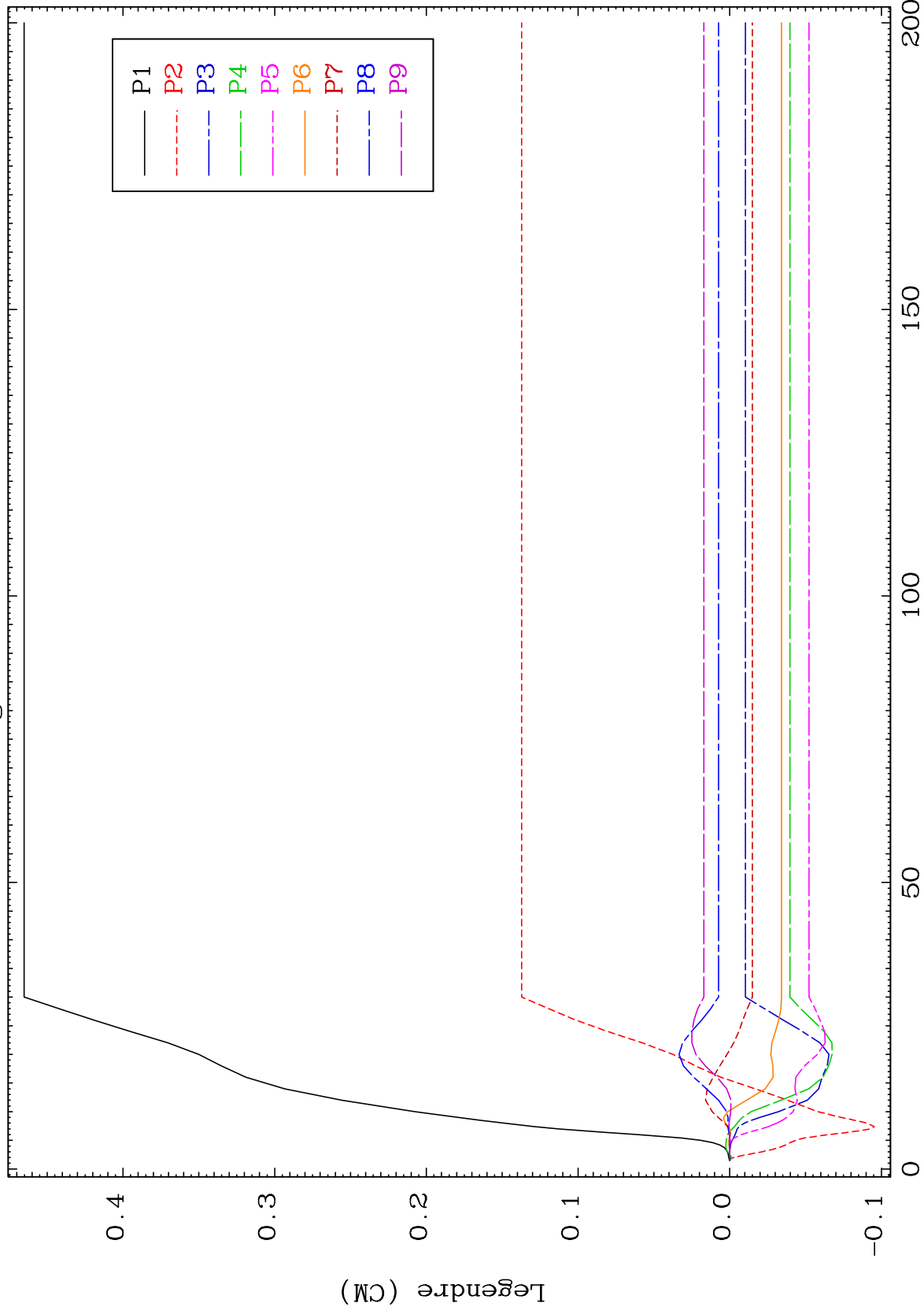
56-Ba-125



MAT 5610

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

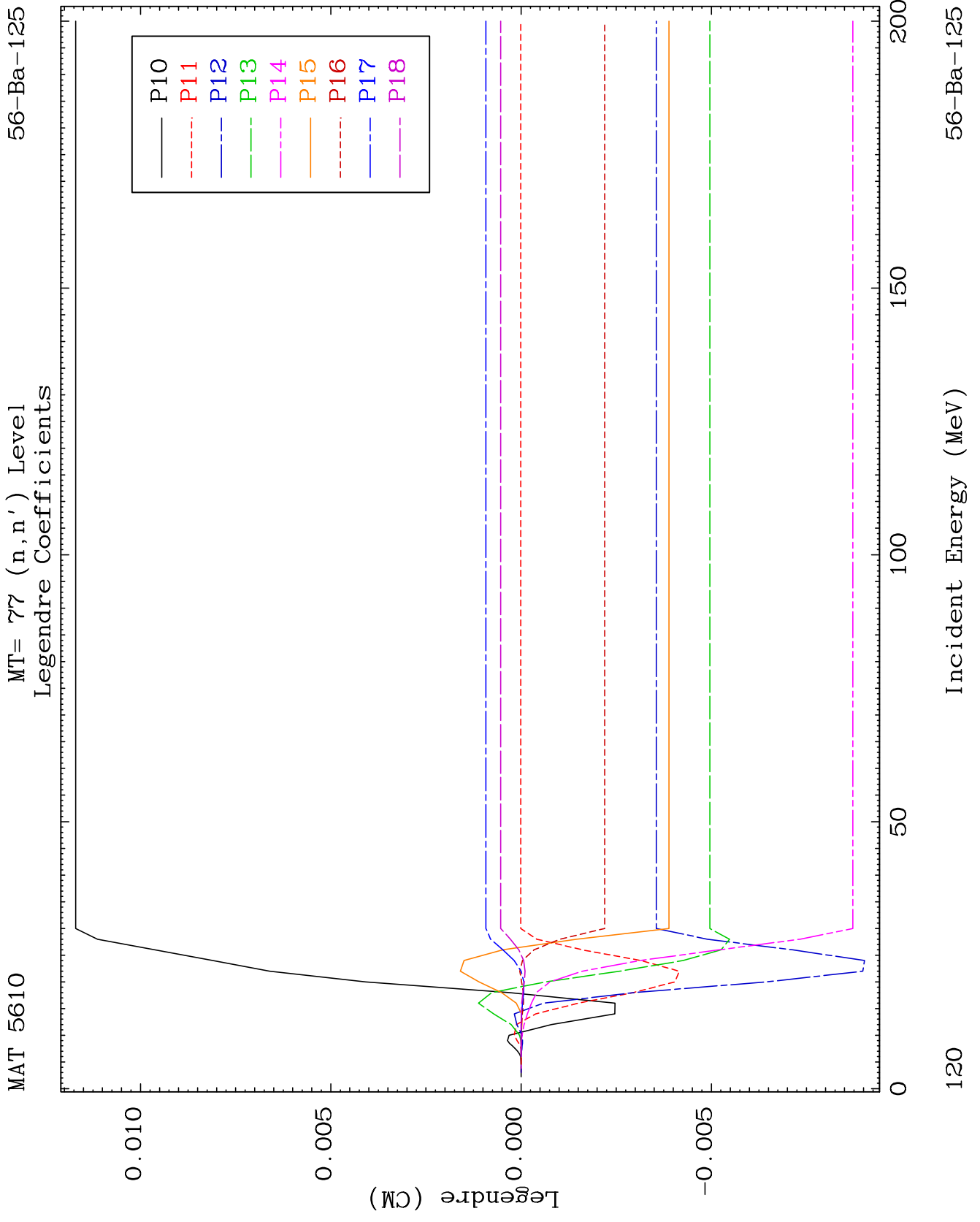
56-Ba-125



56-Ba-125

Incident Energy (MeV)

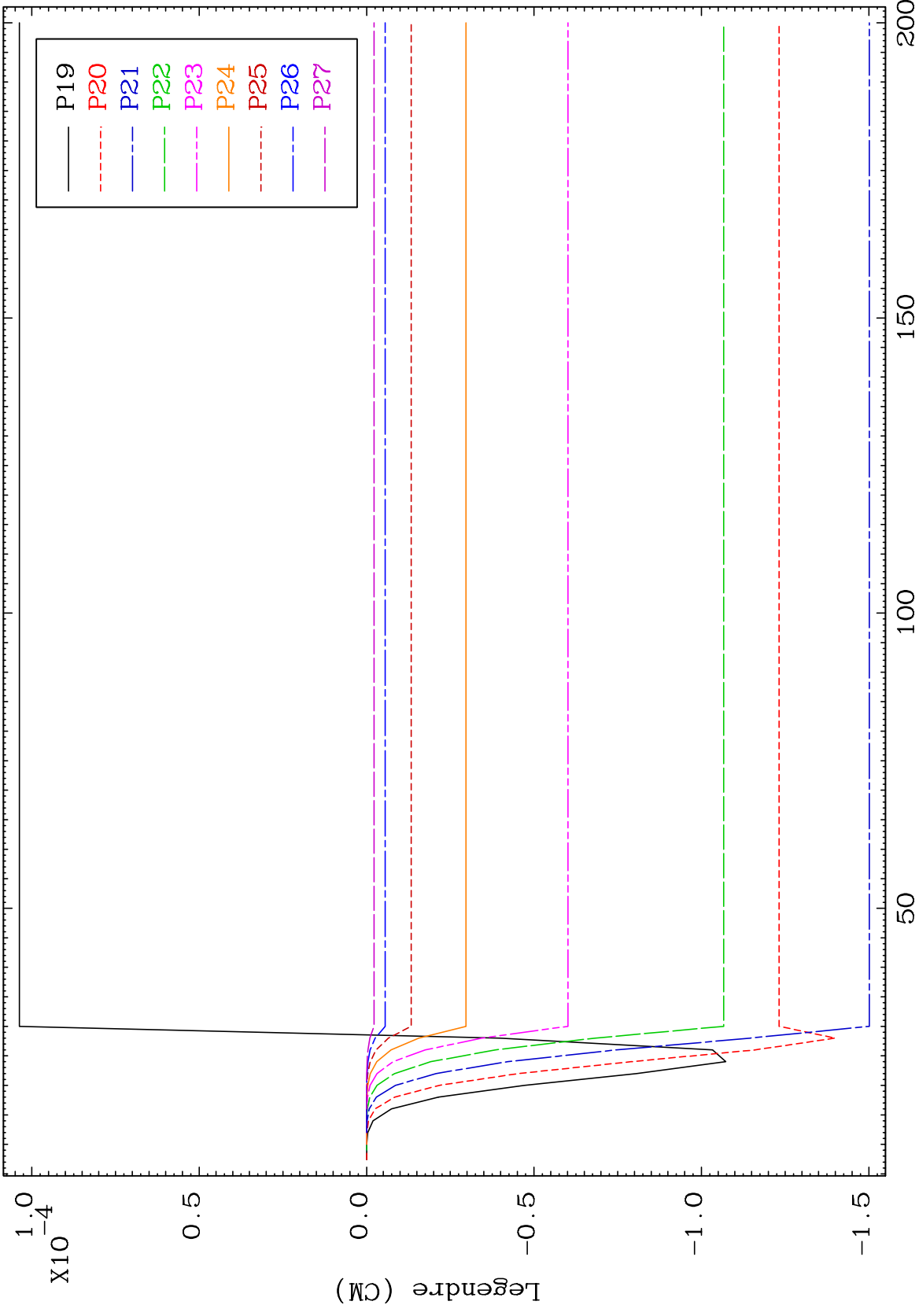
119



MAT 5610

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

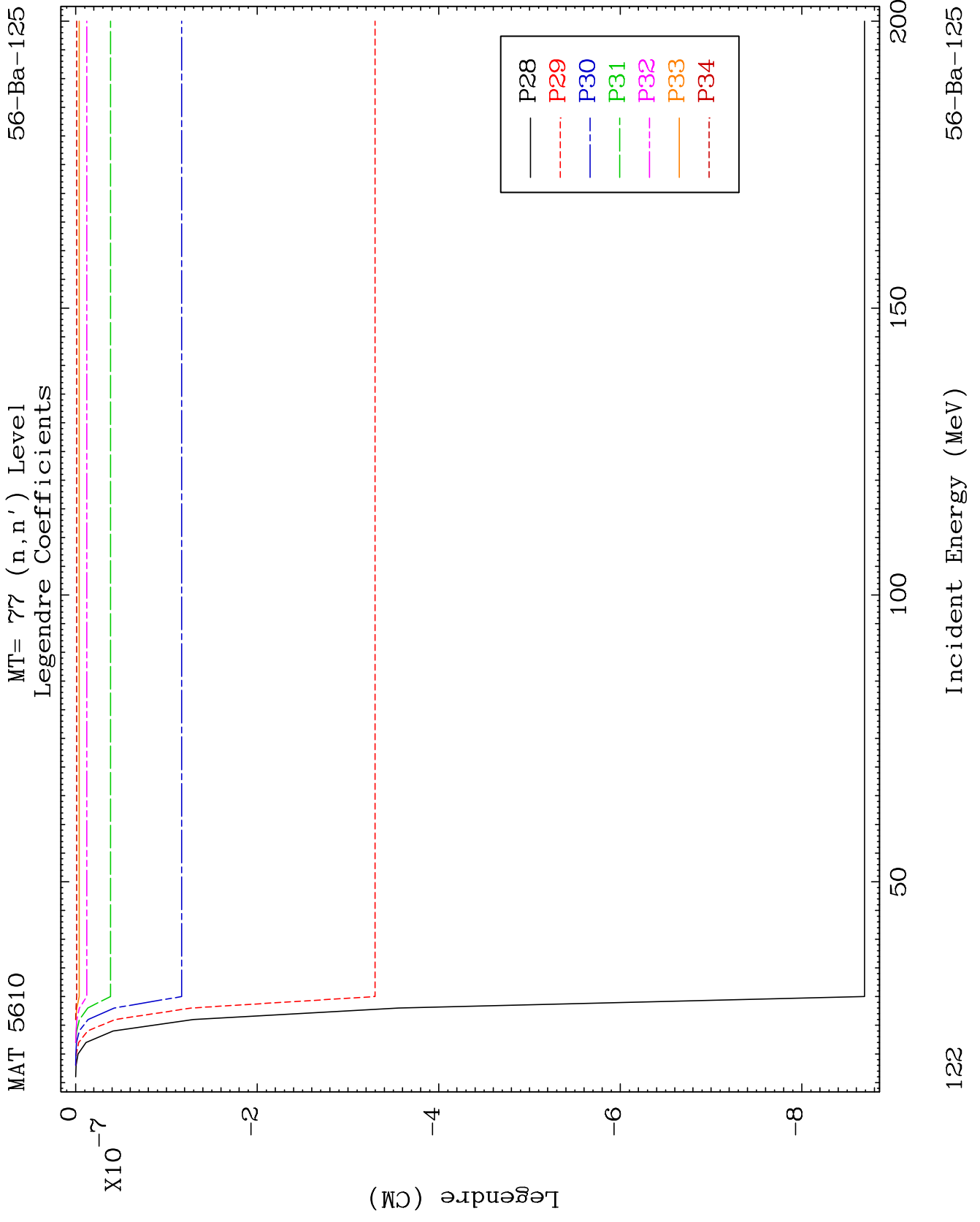
56-Ba-125

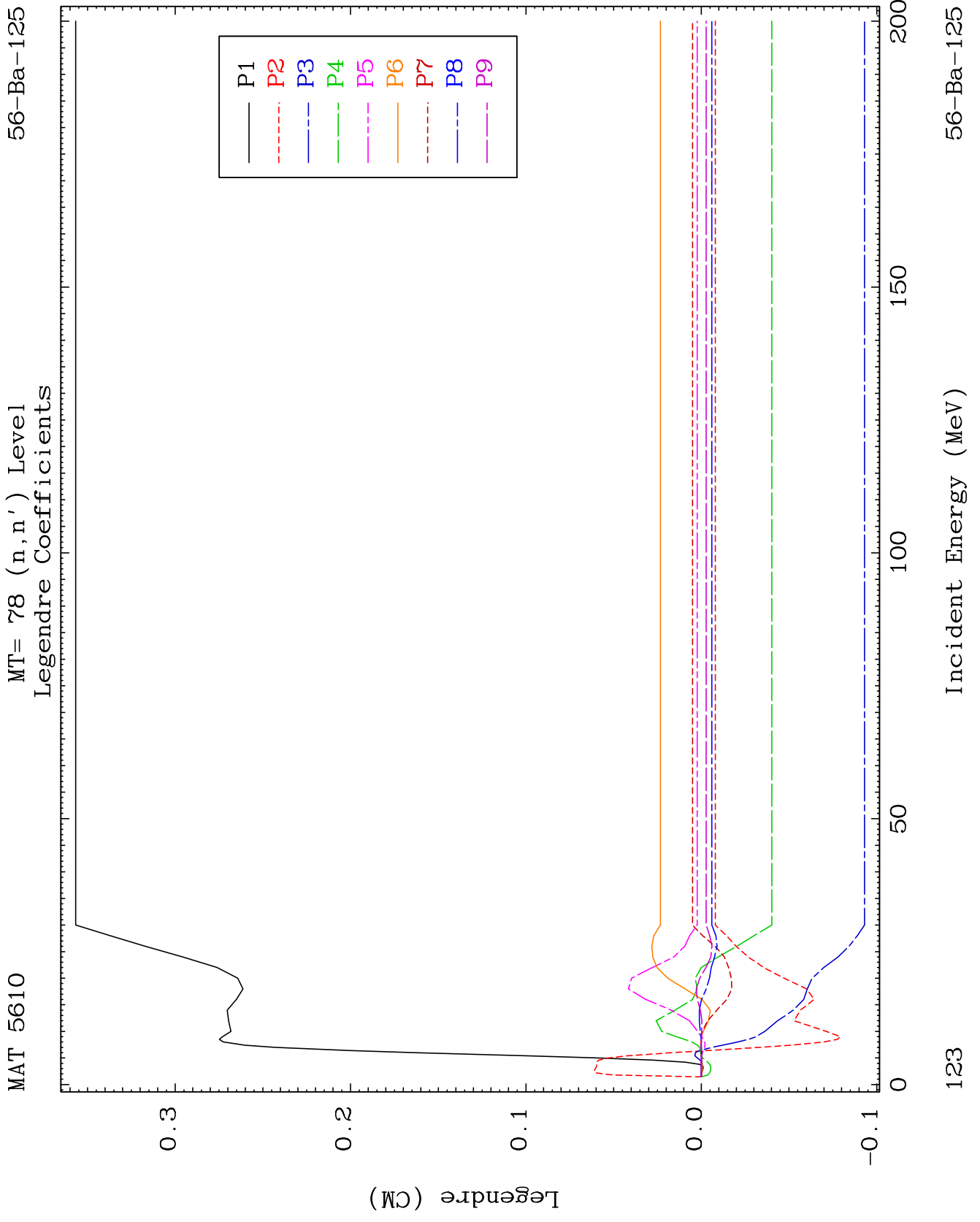


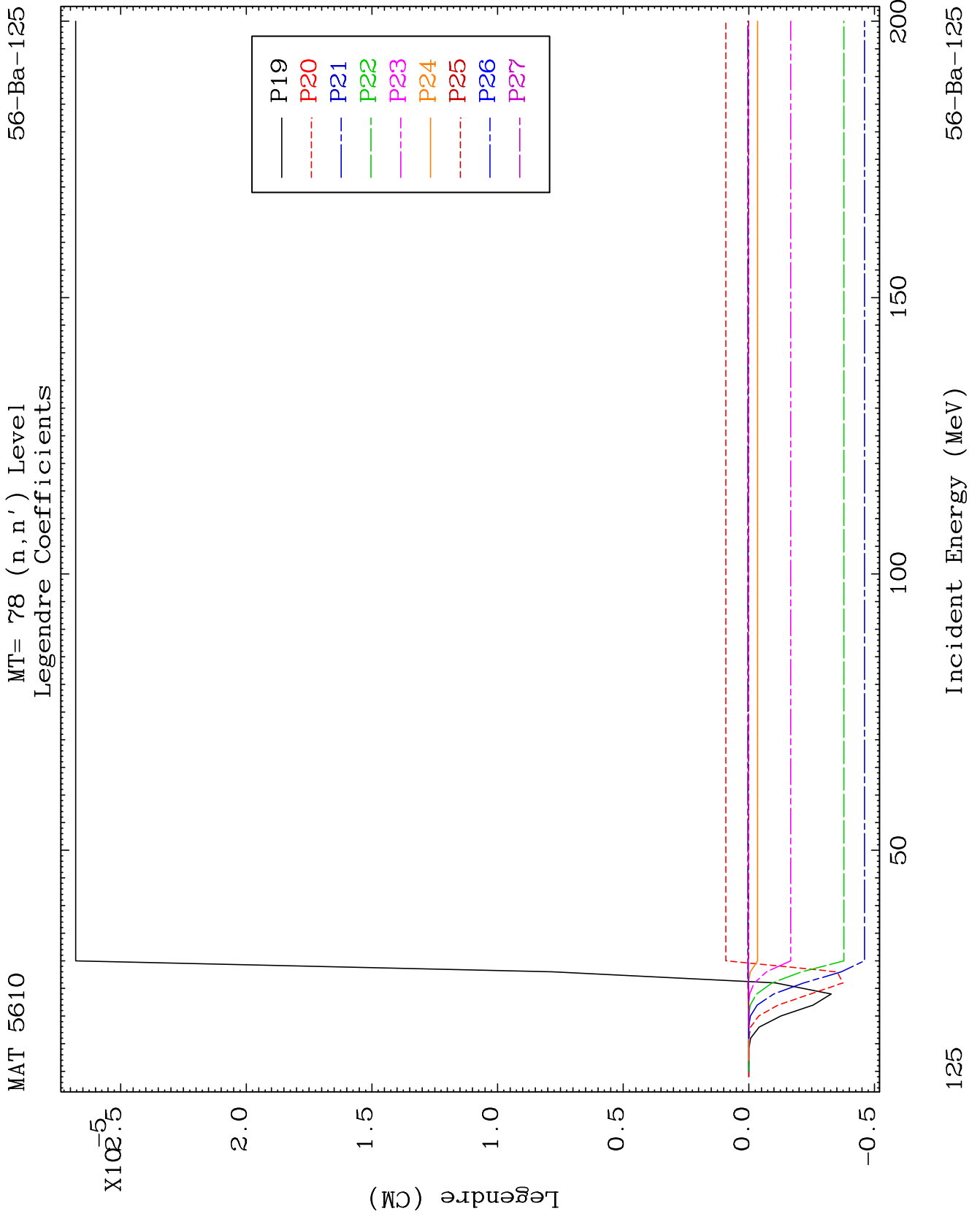
121

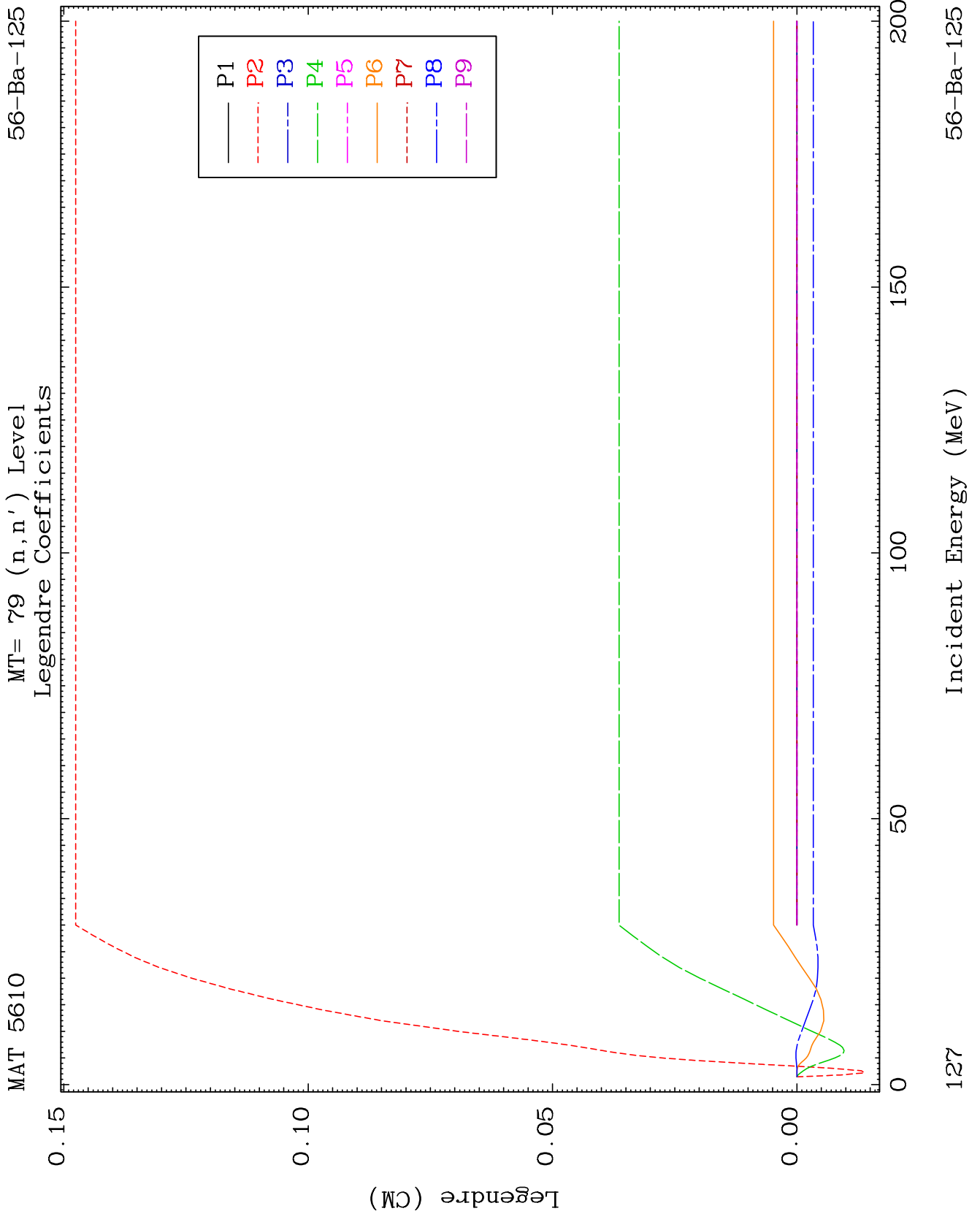
Incident Energy (MeV)

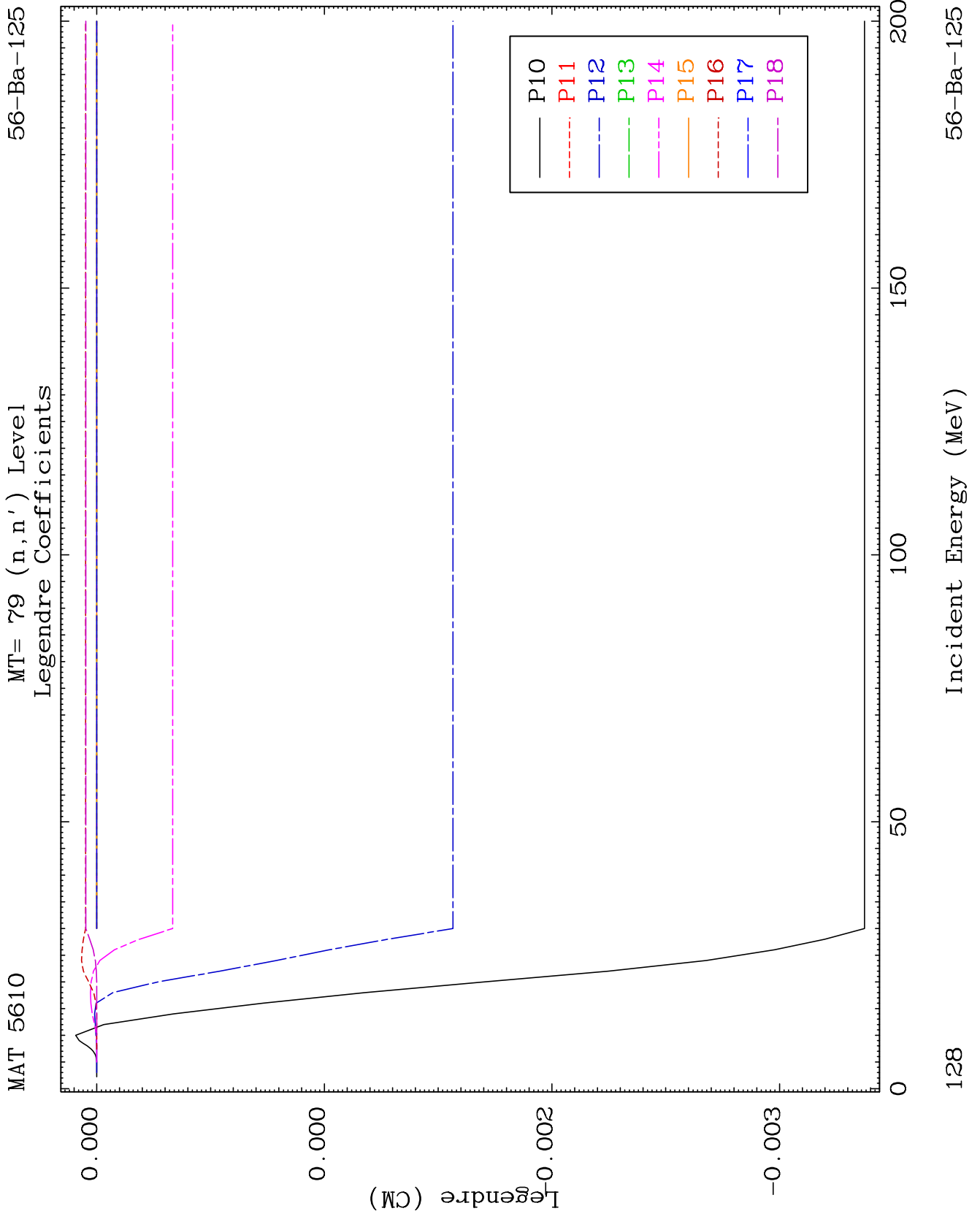
56-Ba-125

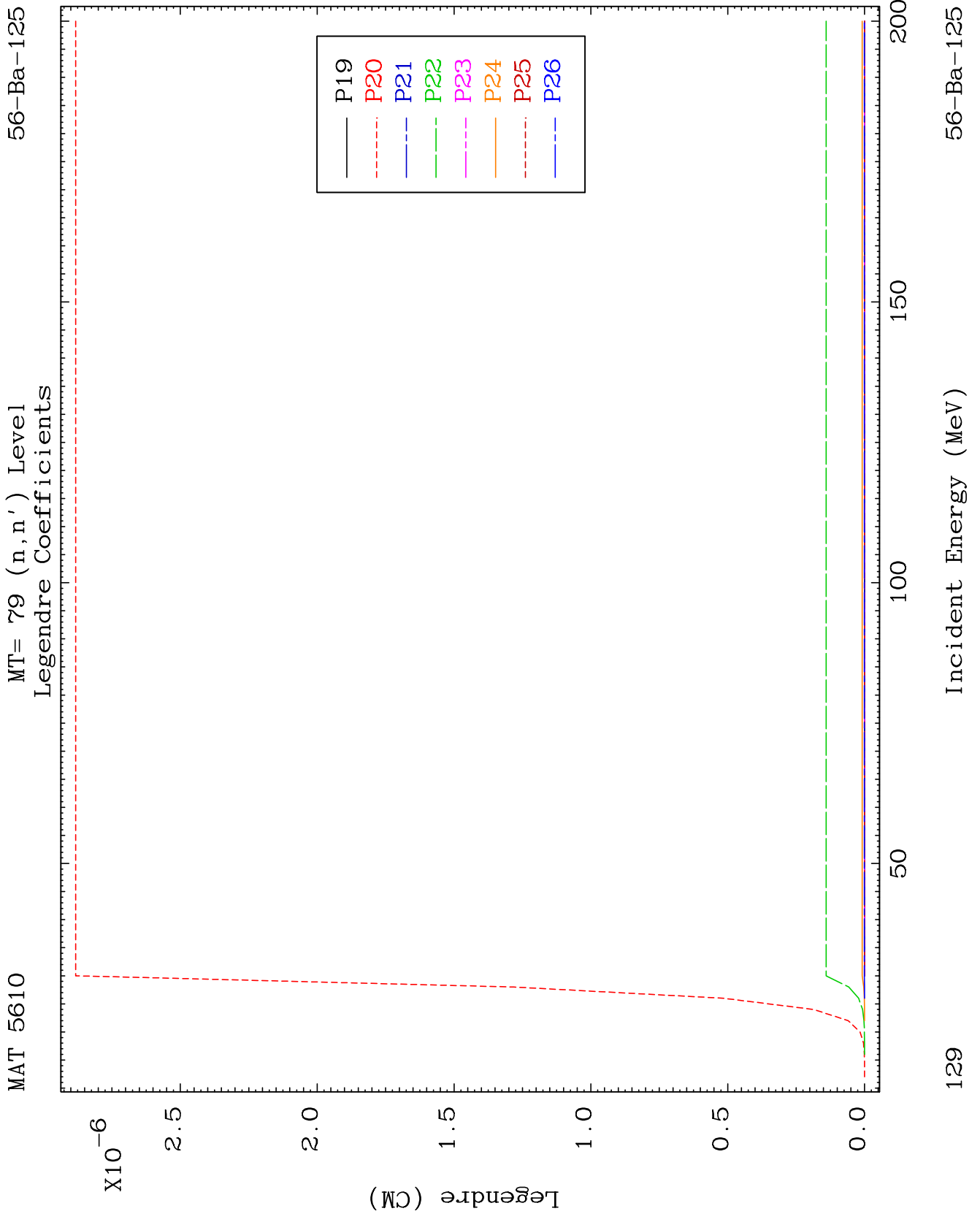










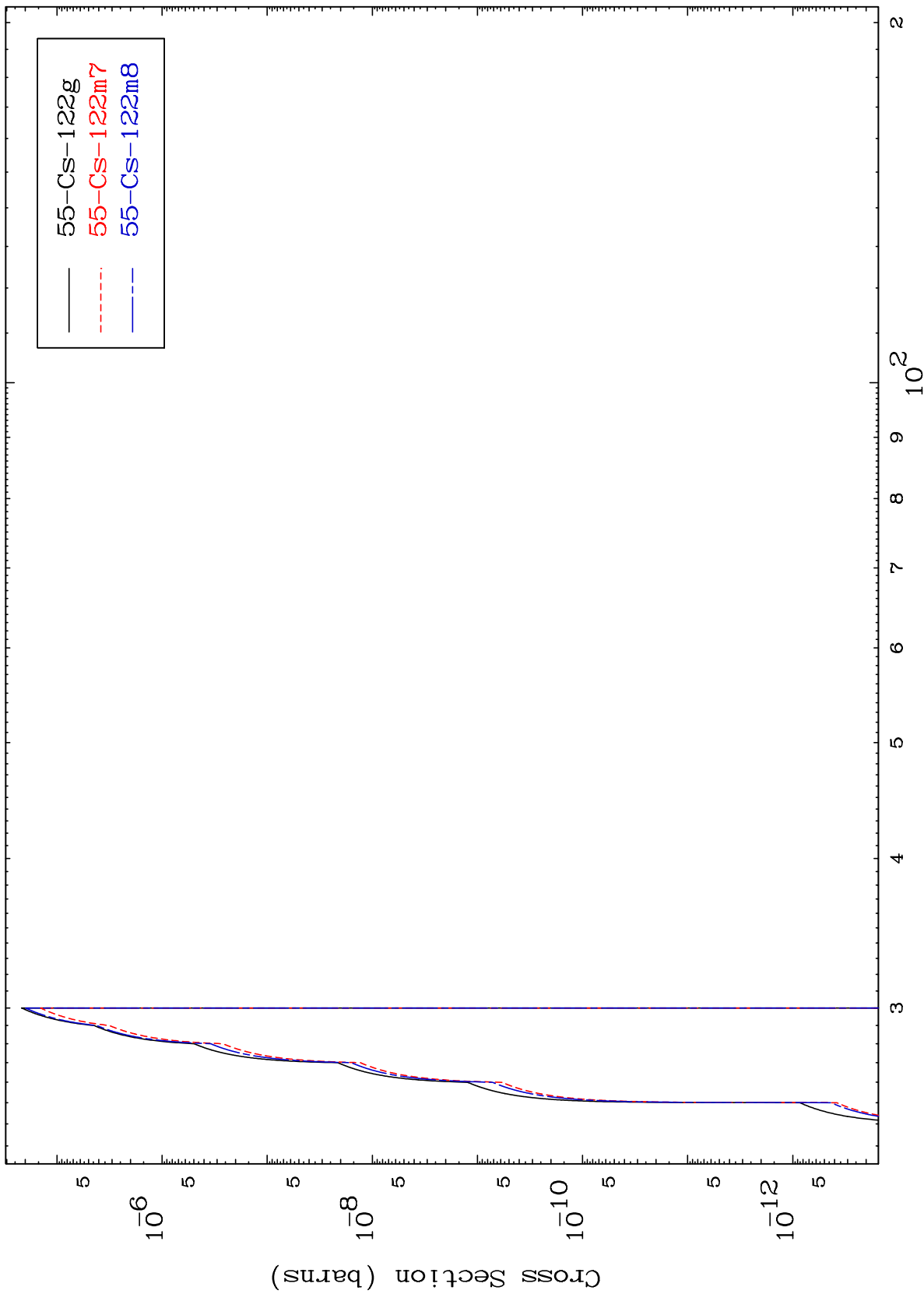


MAT 5610

(n,2n) d

56-Ba-125

Radionuclide Production Cross Section



130

Incident Energy (MeV)

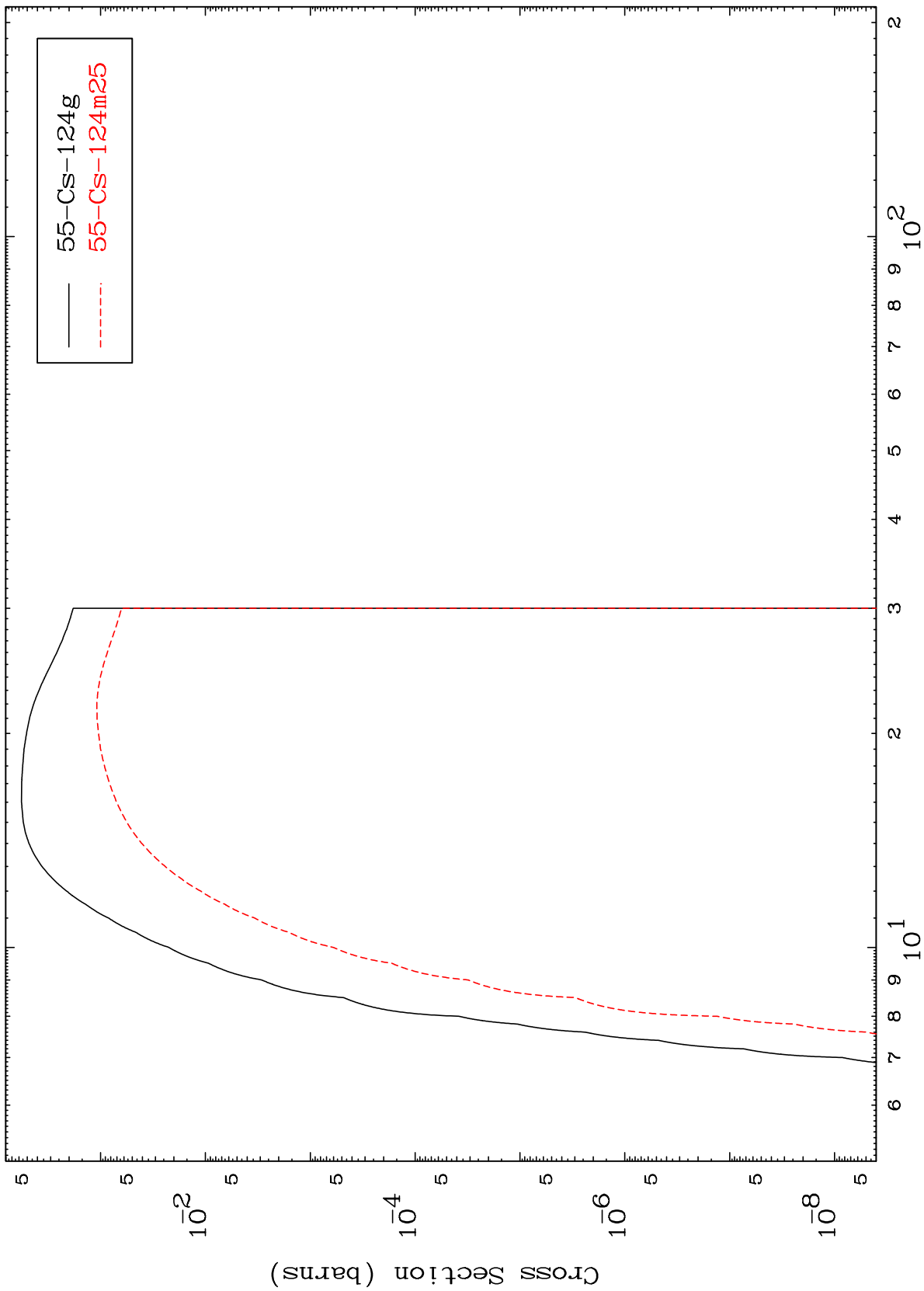
56-Ba-125

MAT 5610

(n,n') p

56-Ba-125

Radionuclide Production Cross Section

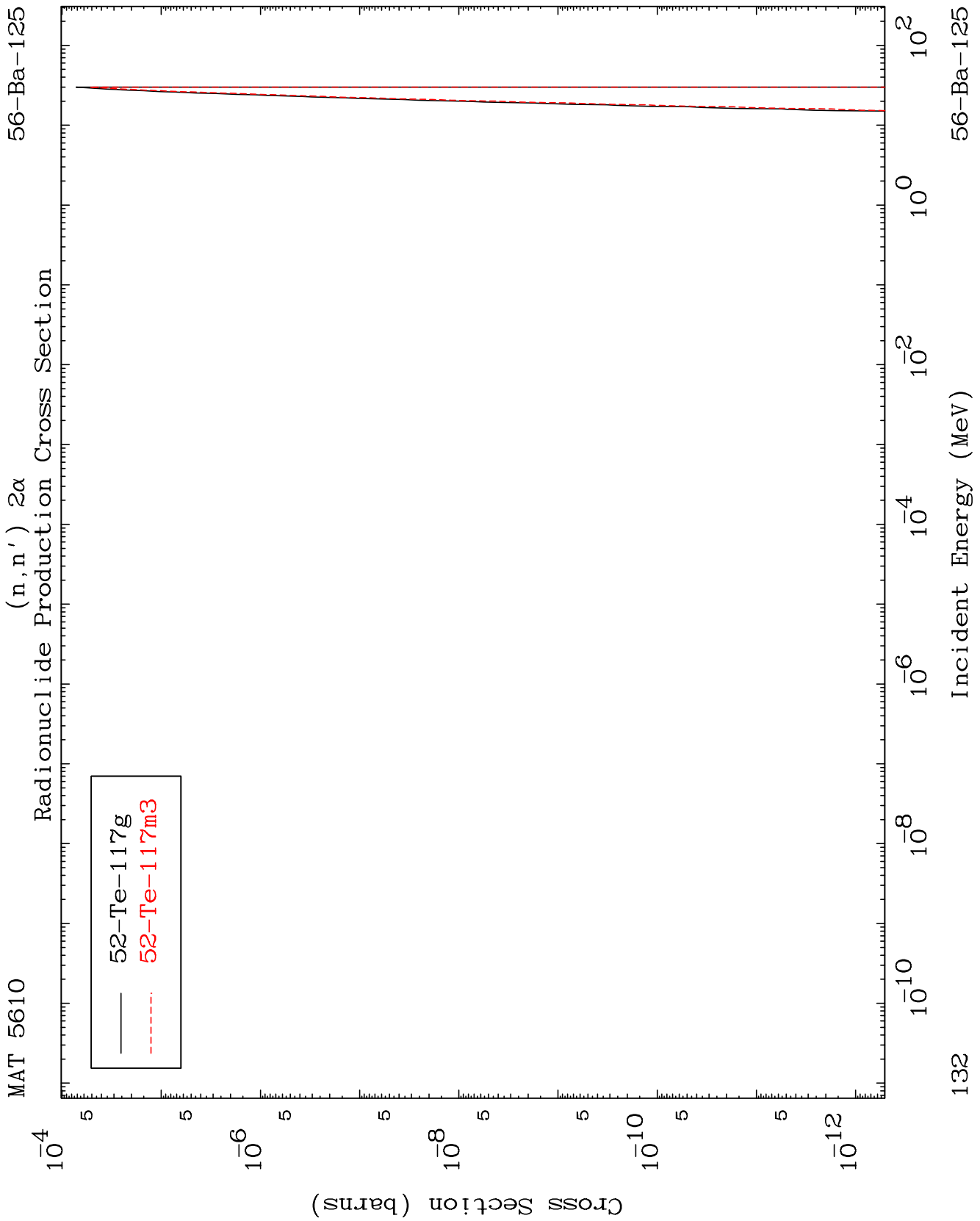


55-Cs-124g
55-Cs-124m25

131

Incident Energy (MeV)

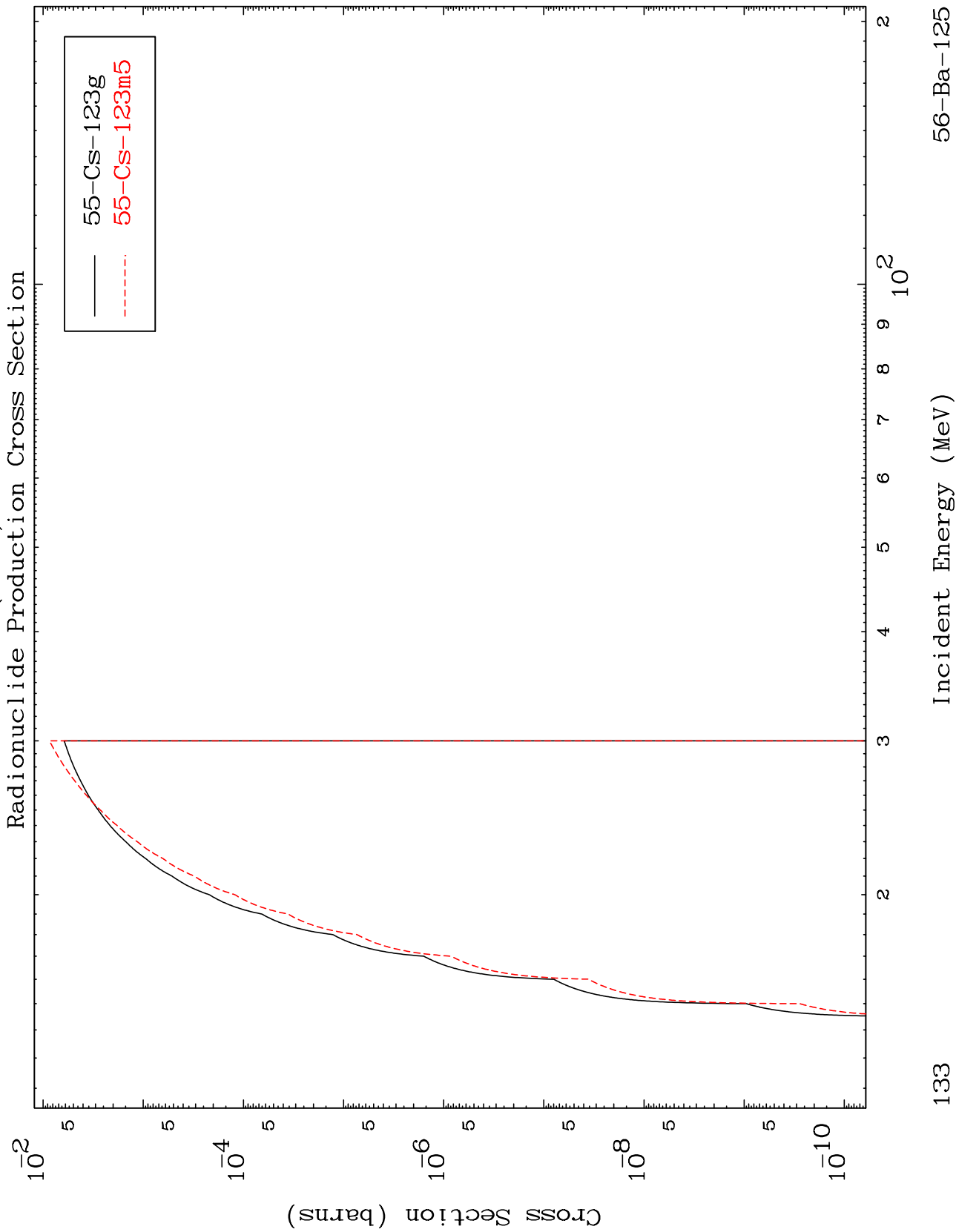
56-Ba-125



MAT 5610

(n,n') d

56-Ba-125



133

Incident Energy (MeV)

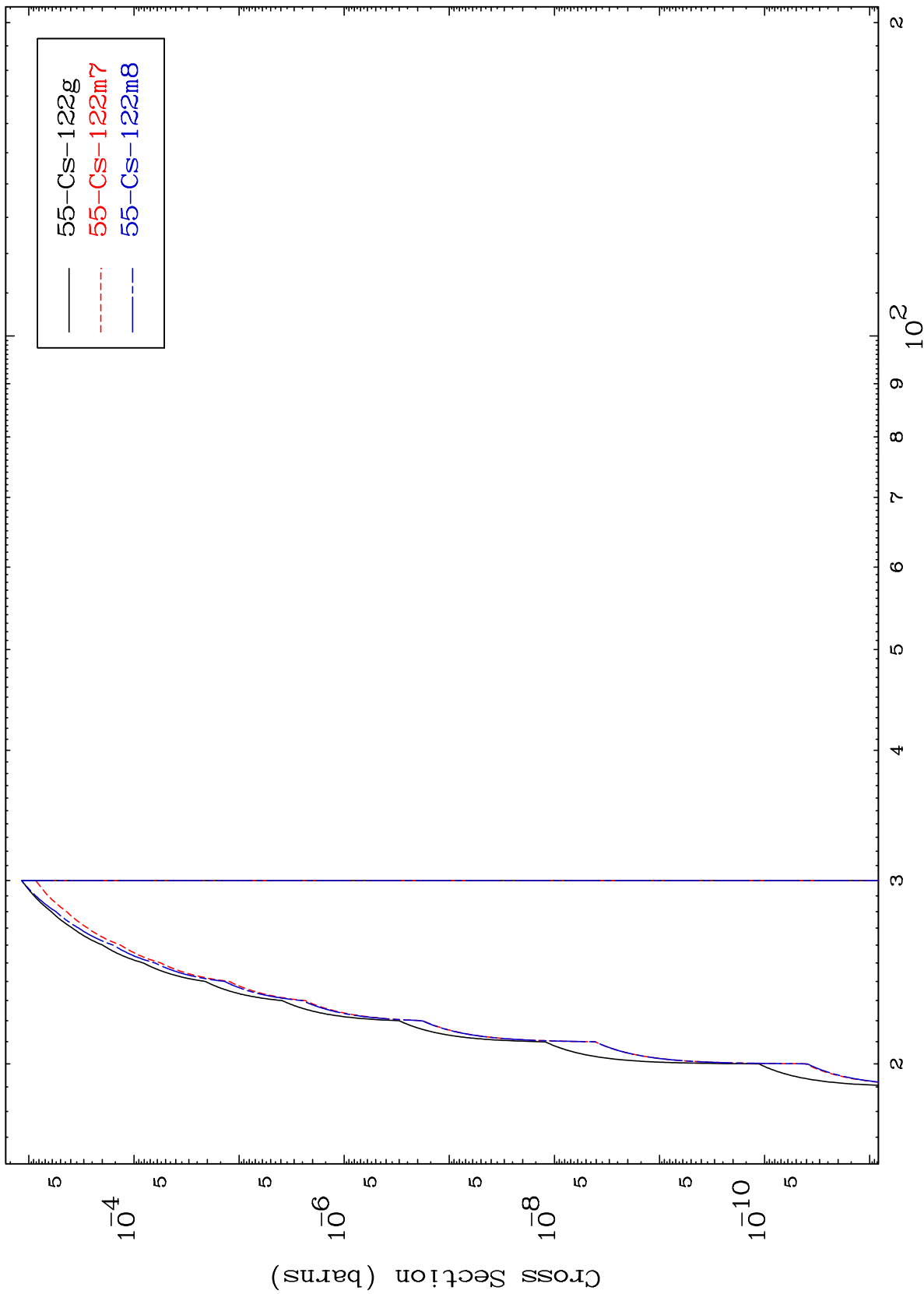
56-Ba-125

MAT 5610

(n,n') t

56-Ba-125

Radionuclide Production Cross Section



134

Incident Energy (MeV)

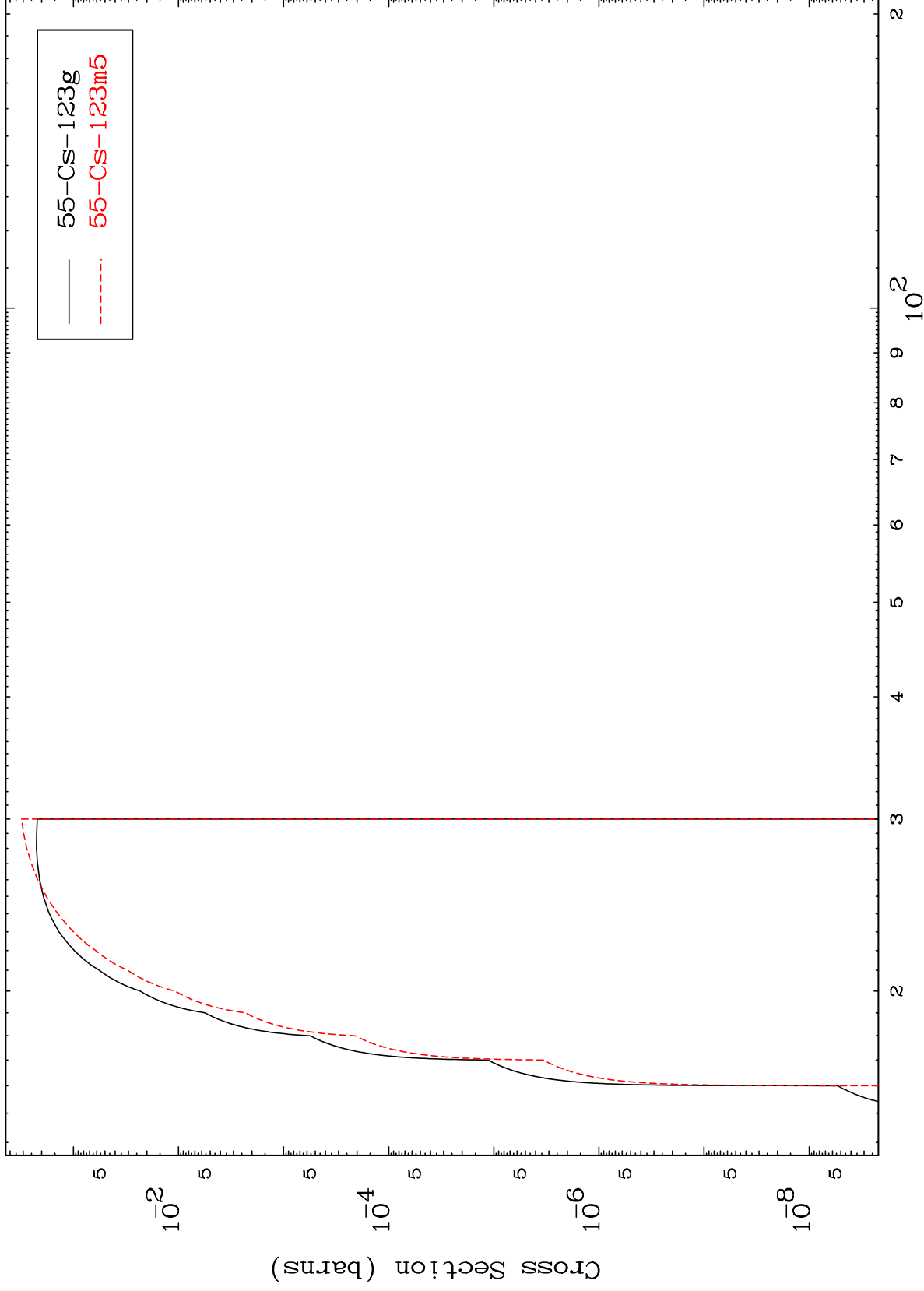
56-Ba-125

MAT 5610

(n,2n) p

56-Ba-125

Radionuclide Production Cross Section



135

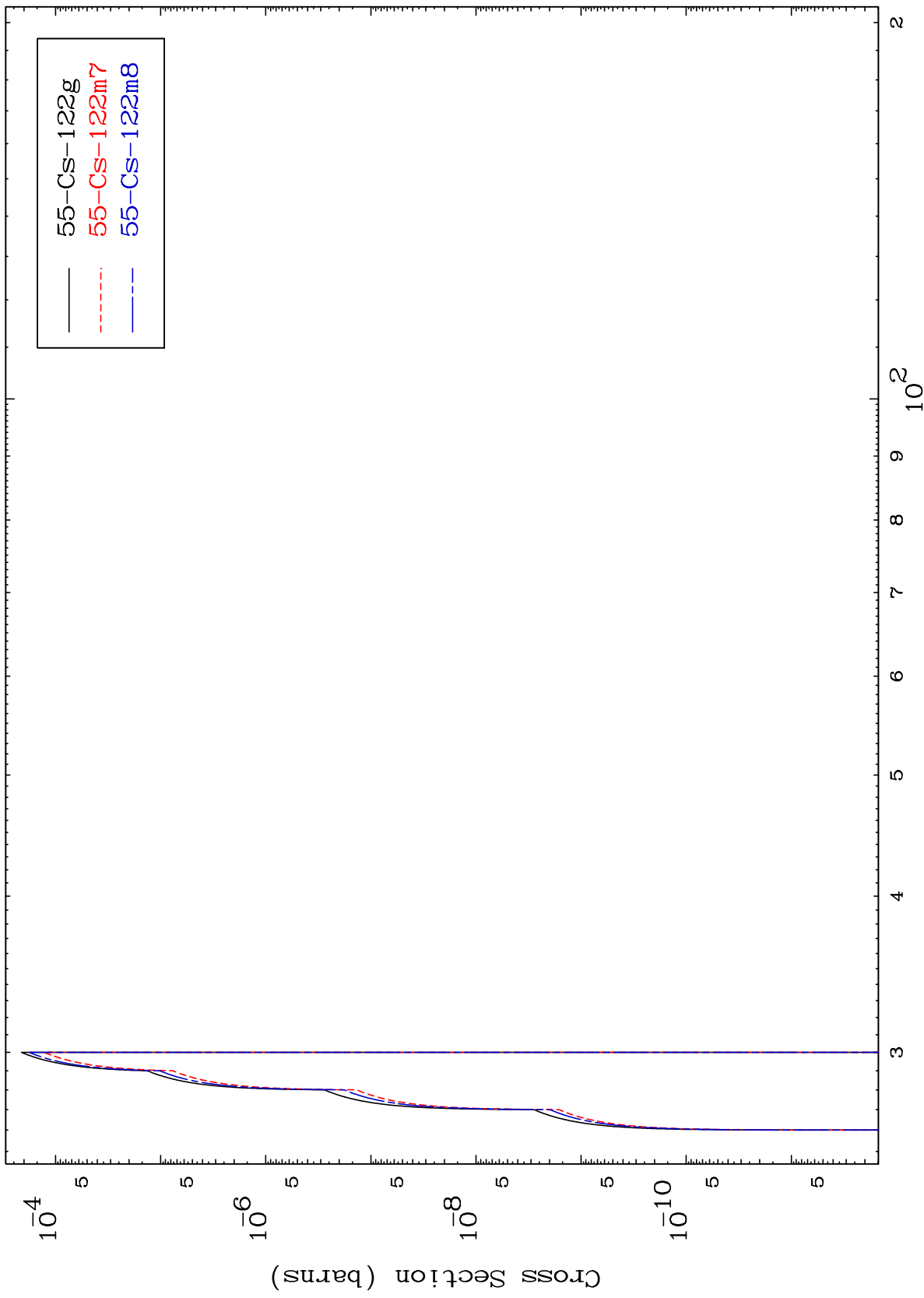
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

(n,3n) p
Radionuclide Production Cross Section



136

56-Ba-125

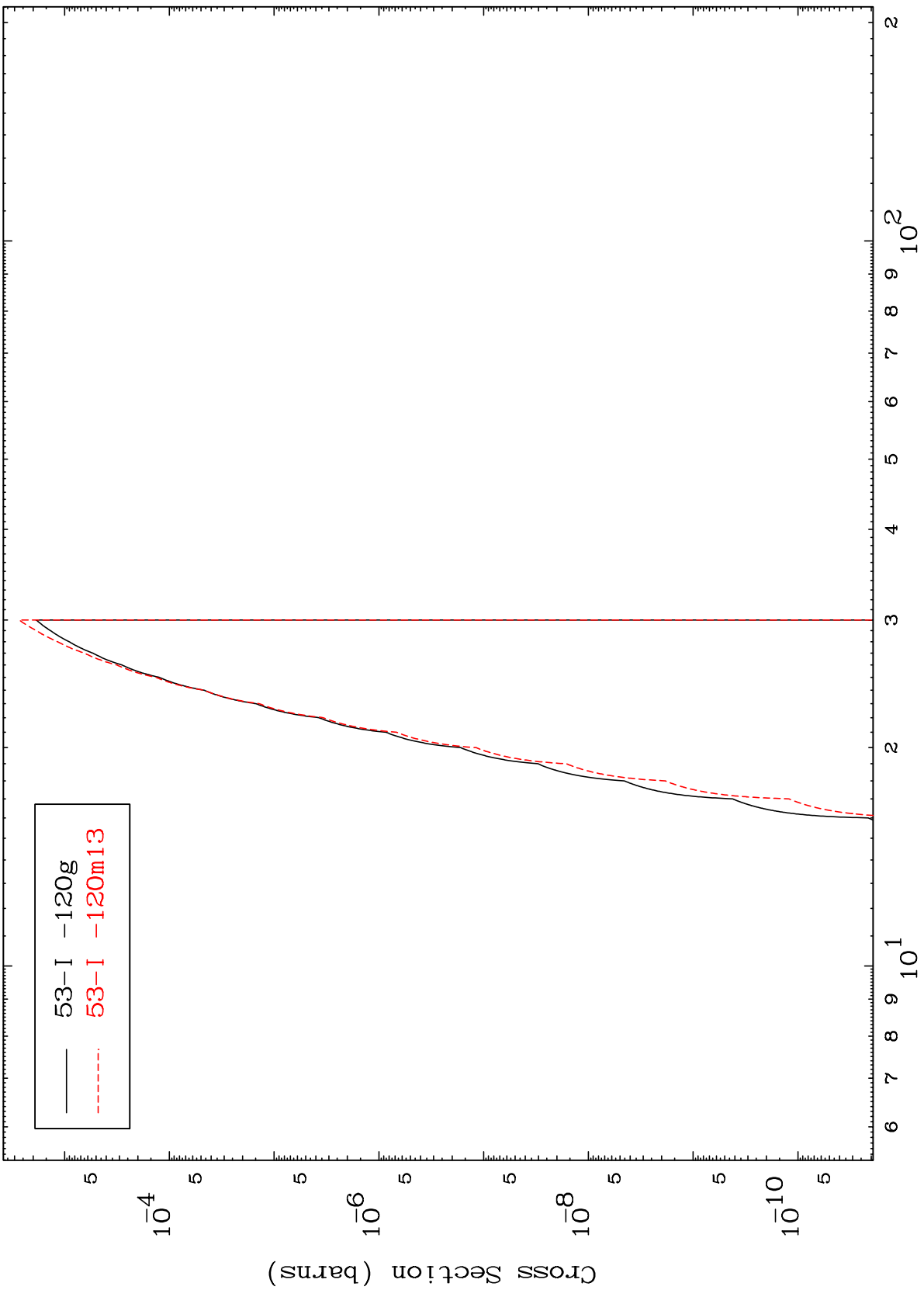
Incident Energy (MeV)

MAT 5610

(n,n') p α

56-Ba-125

Radionuclide Production Cross Section



137

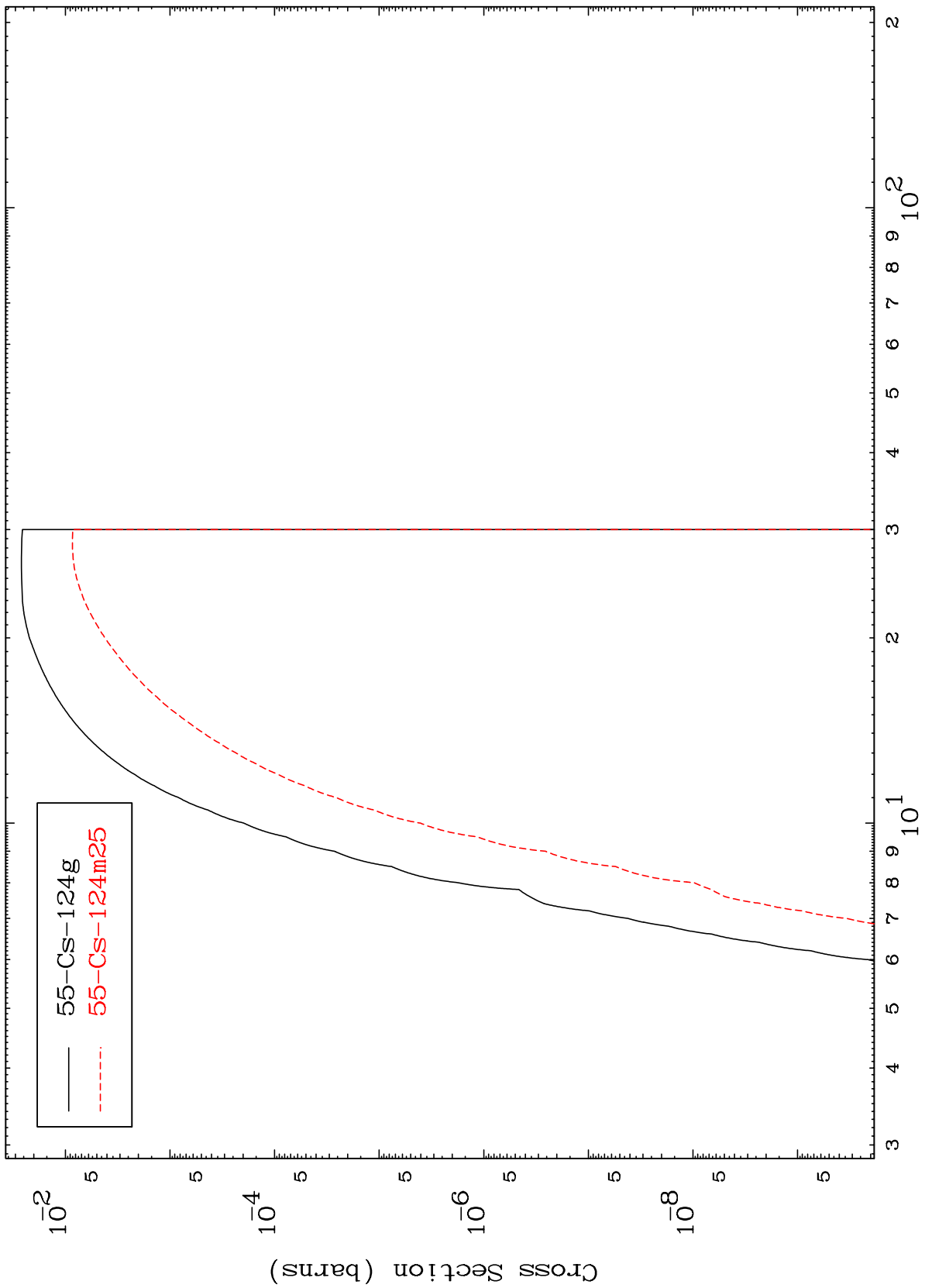
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

(n,d)
Radionuclide Production Cross Section



138

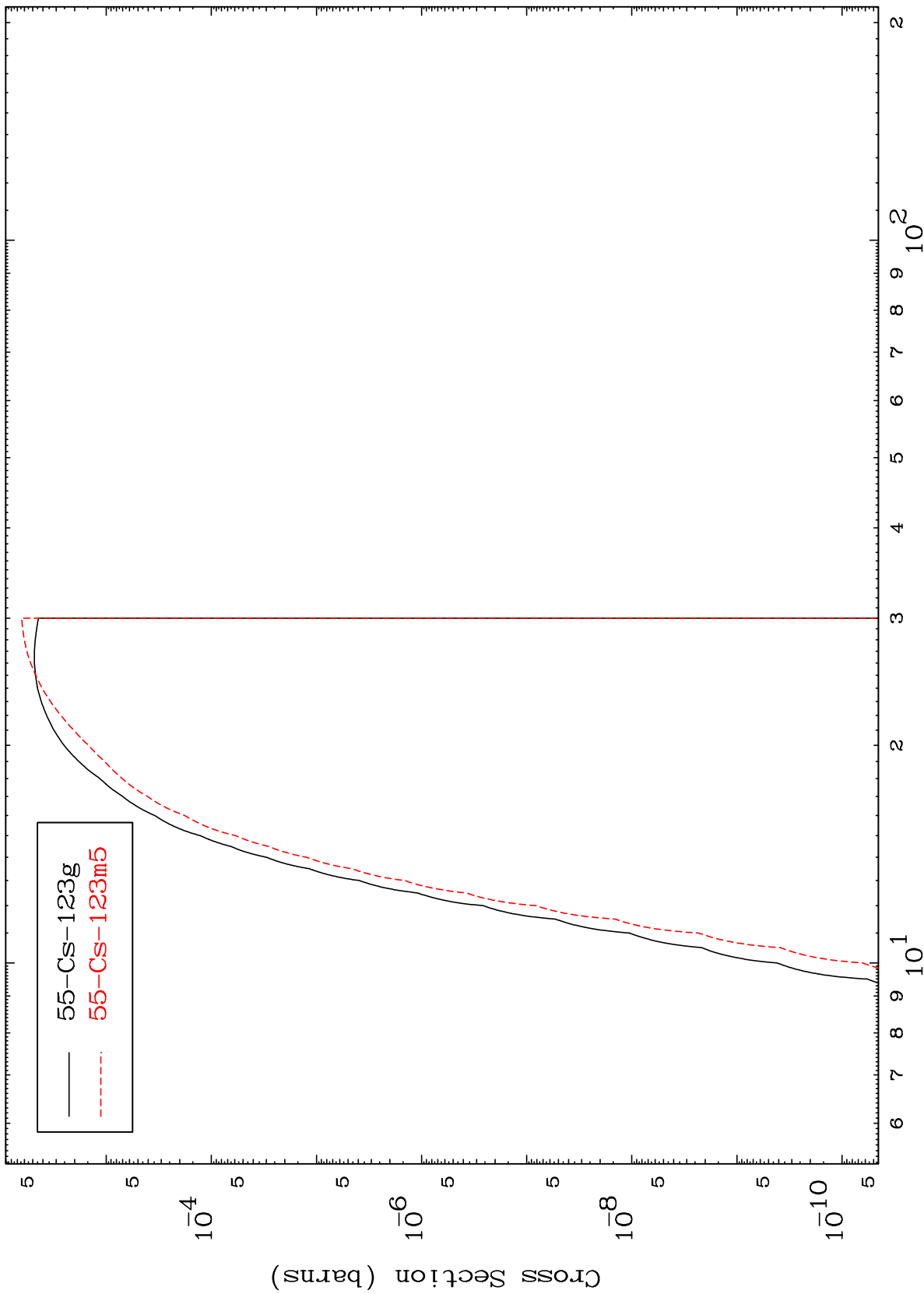
56-Ba-125

Incident Energy (MeV)

MAT 5610

56-Ba-125

(n, t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

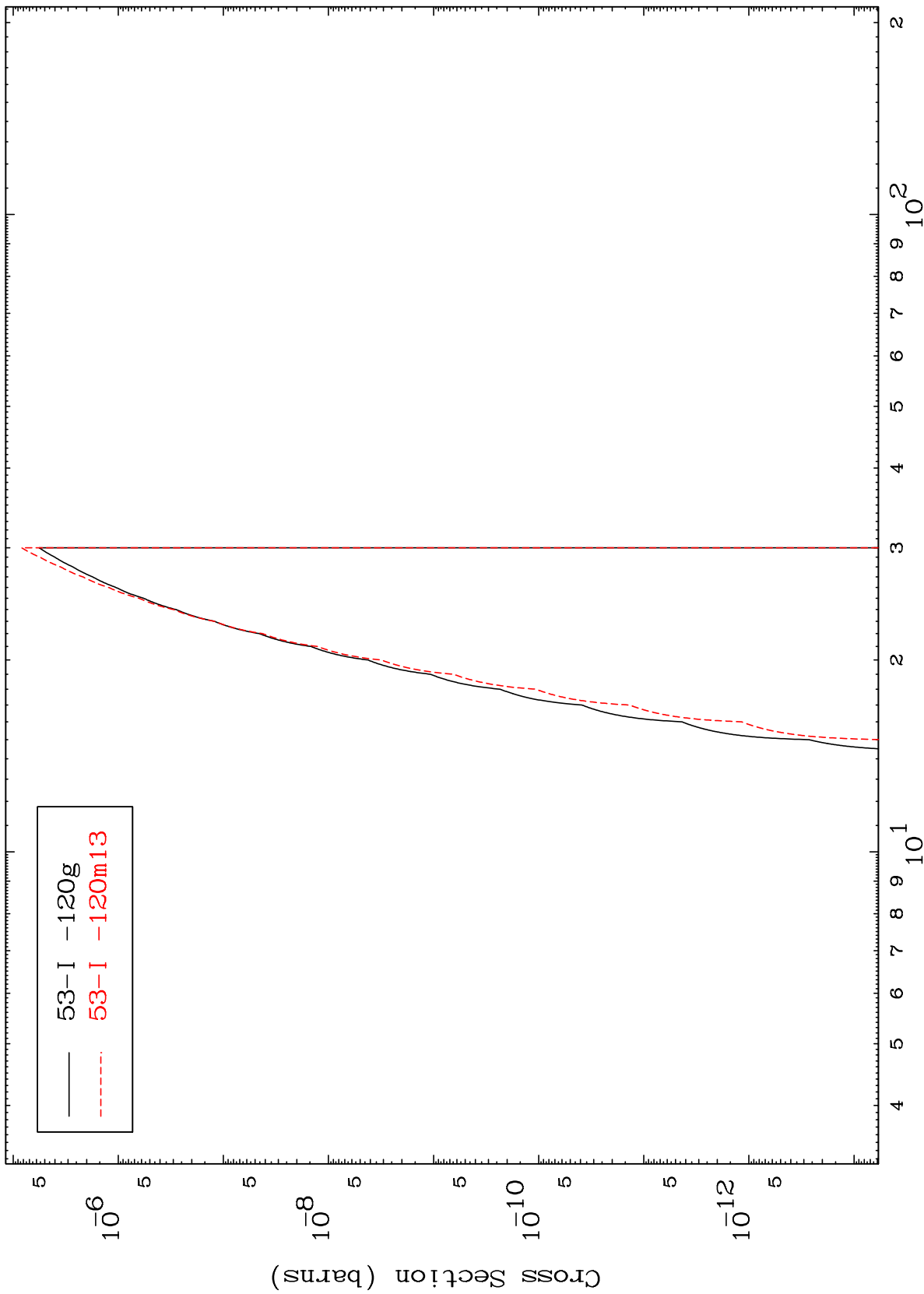
56-Ba-125

MAT 5610

(n,d) α

56-Ba-125

Radionuclide Production Cross Section



53-I-120g
53-I-120m13

140

Incident Energy (MeV)

56-Ba-125