

Program EVALPLOT
(Version 2015-2)

by

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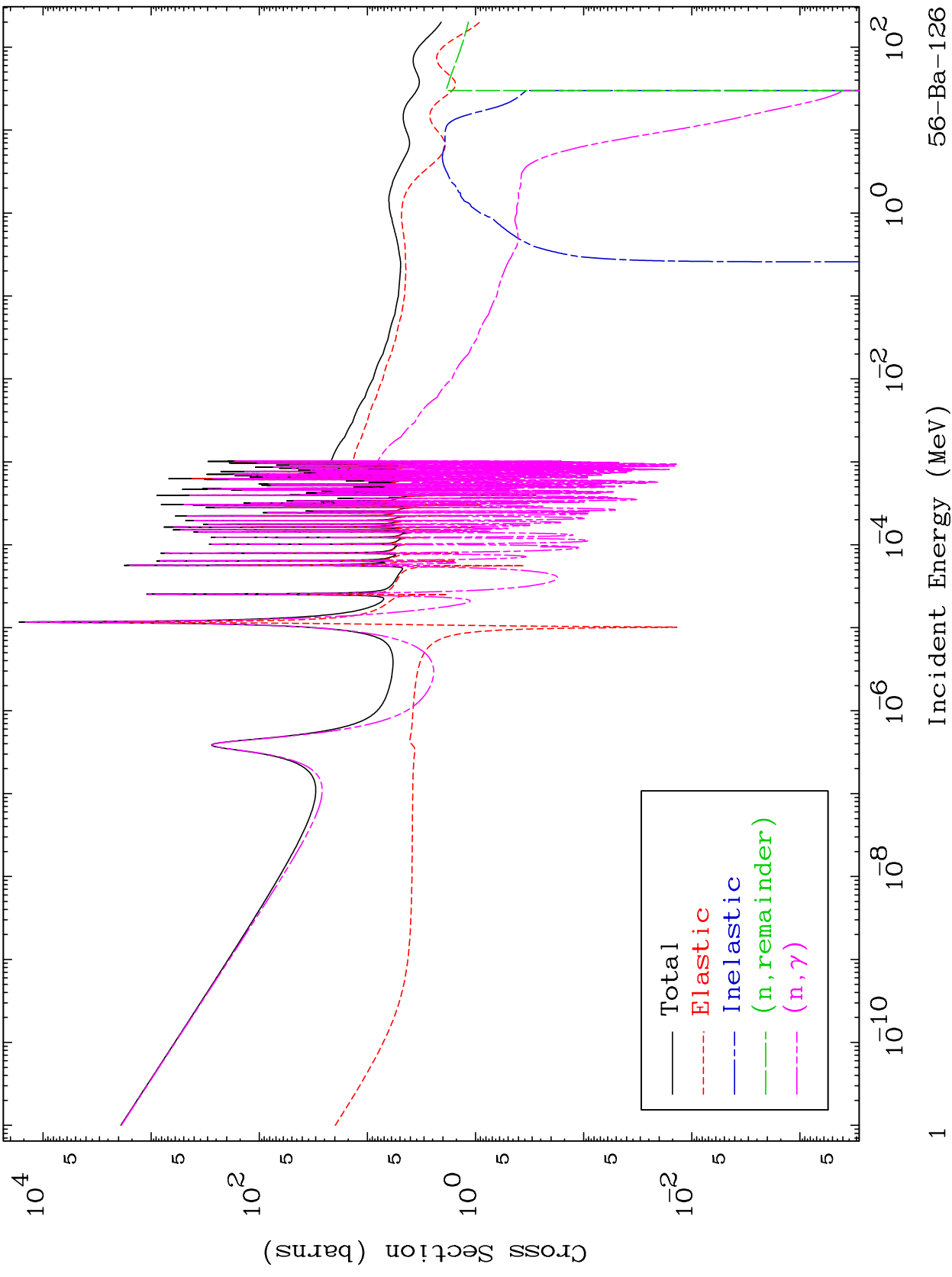
Press Mouse Button to Start

MAT 5613

Major

56-Ba-126

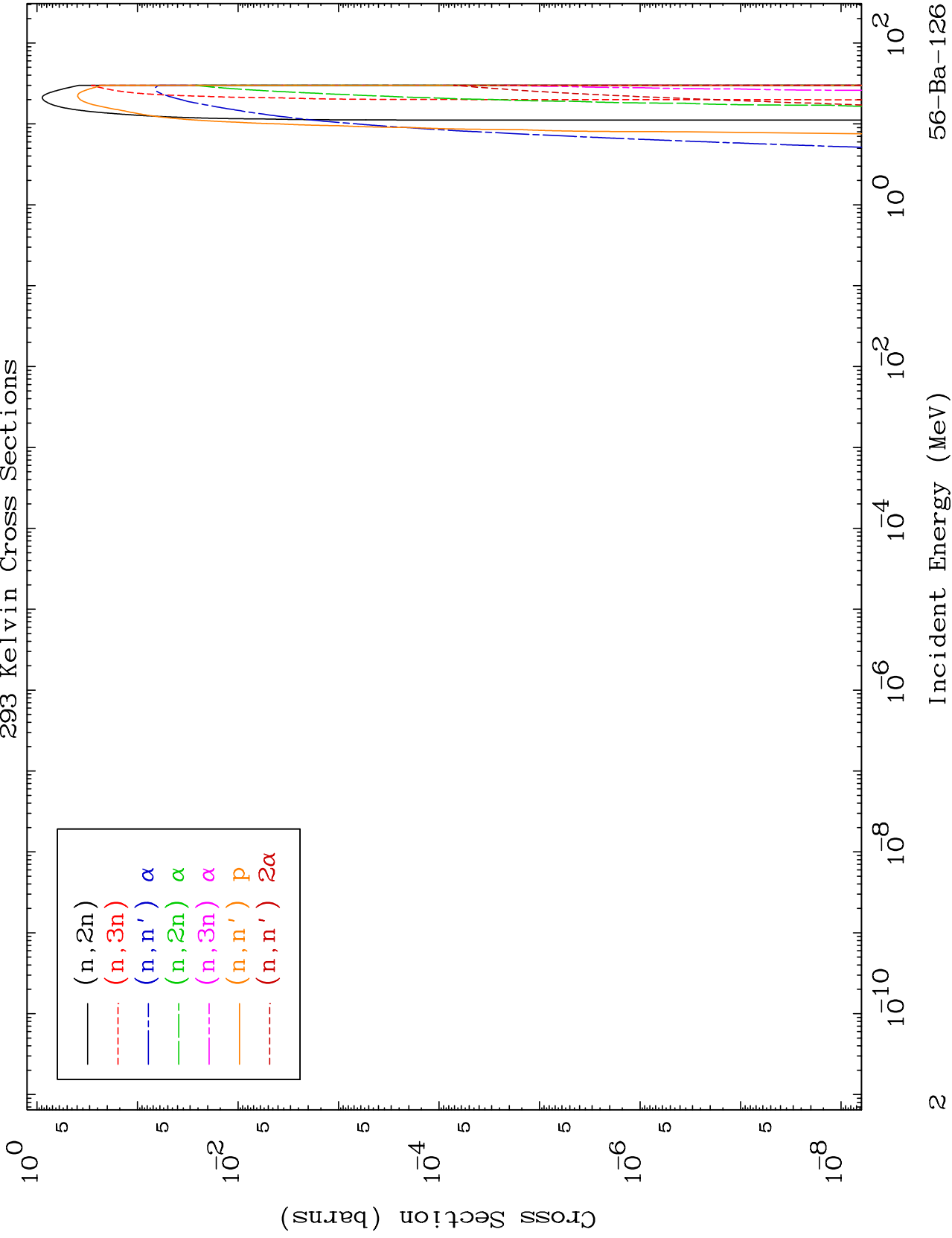
293 Kelvin Cross Sections

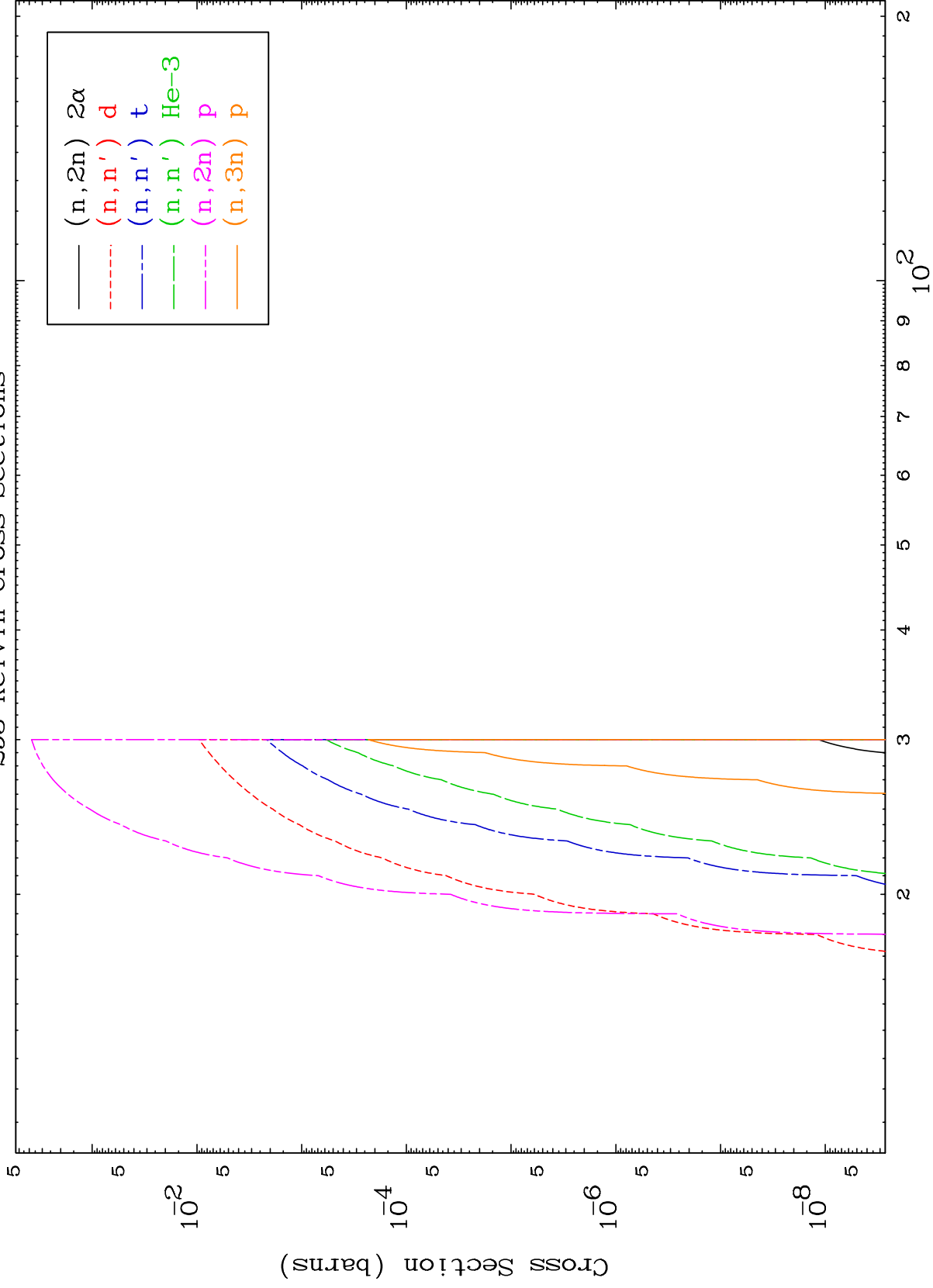


MAT 5613

Neutron Production
293 Kelvin Cross Sections

56-Ba-126

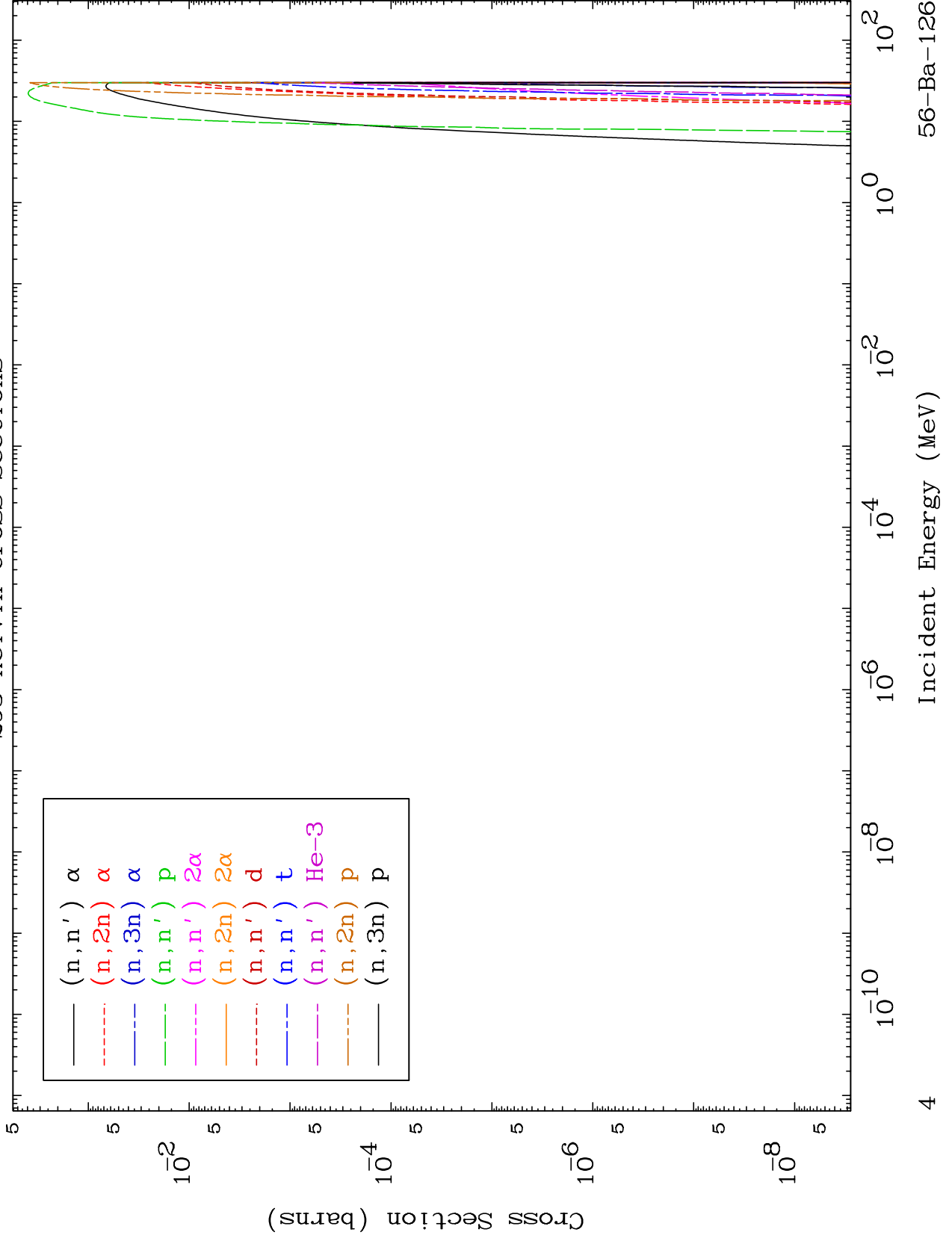




MAT 5613

Charged Particle
293 Kelvin Cross Sections

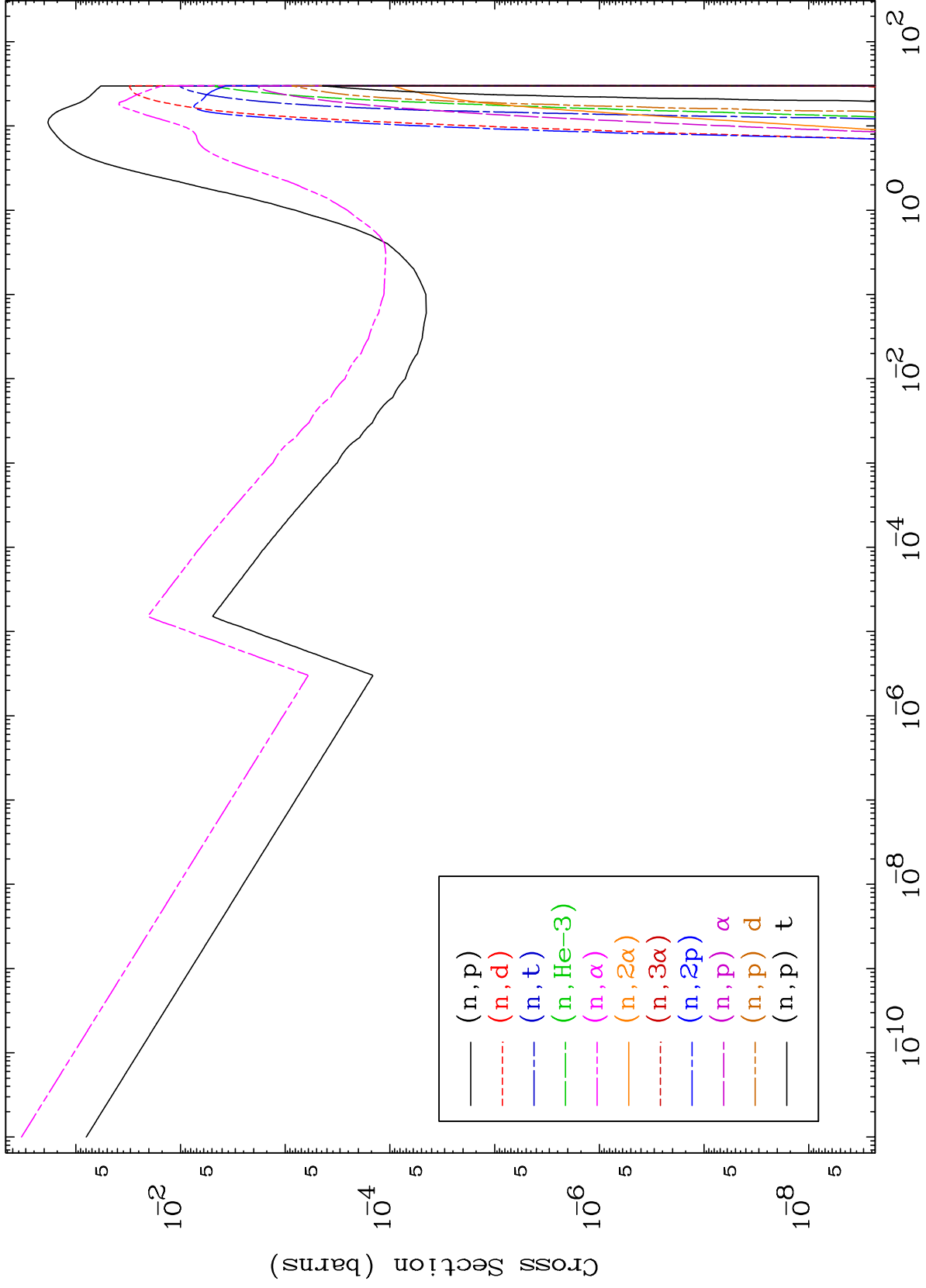
56-Ba-126



MAT 5613

Charged Particle
293 Kelvin Cross Sections

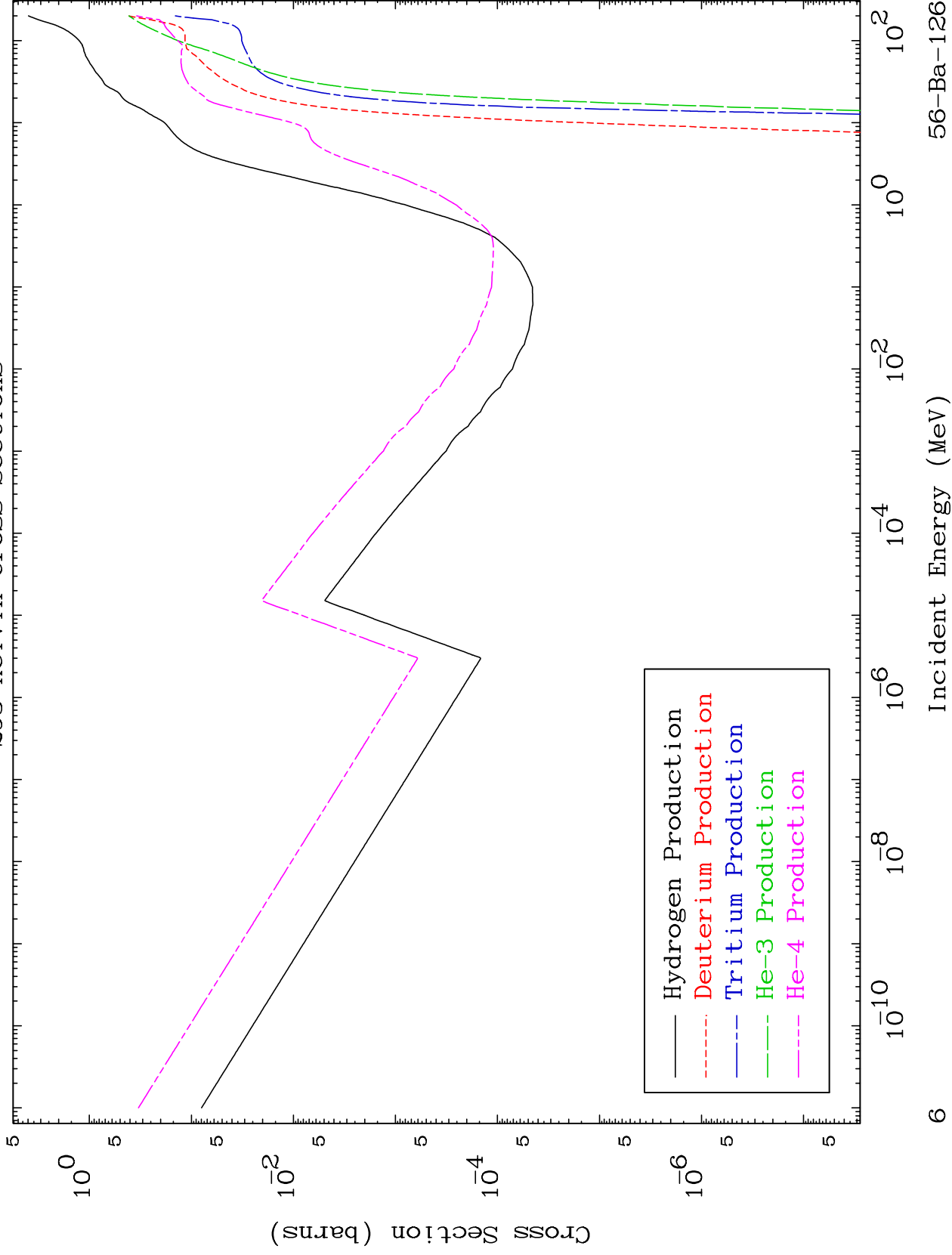
56-Ba-126



MAT 5613

Particle Production
293 Kelvin Cross Sections

56-Ba-126

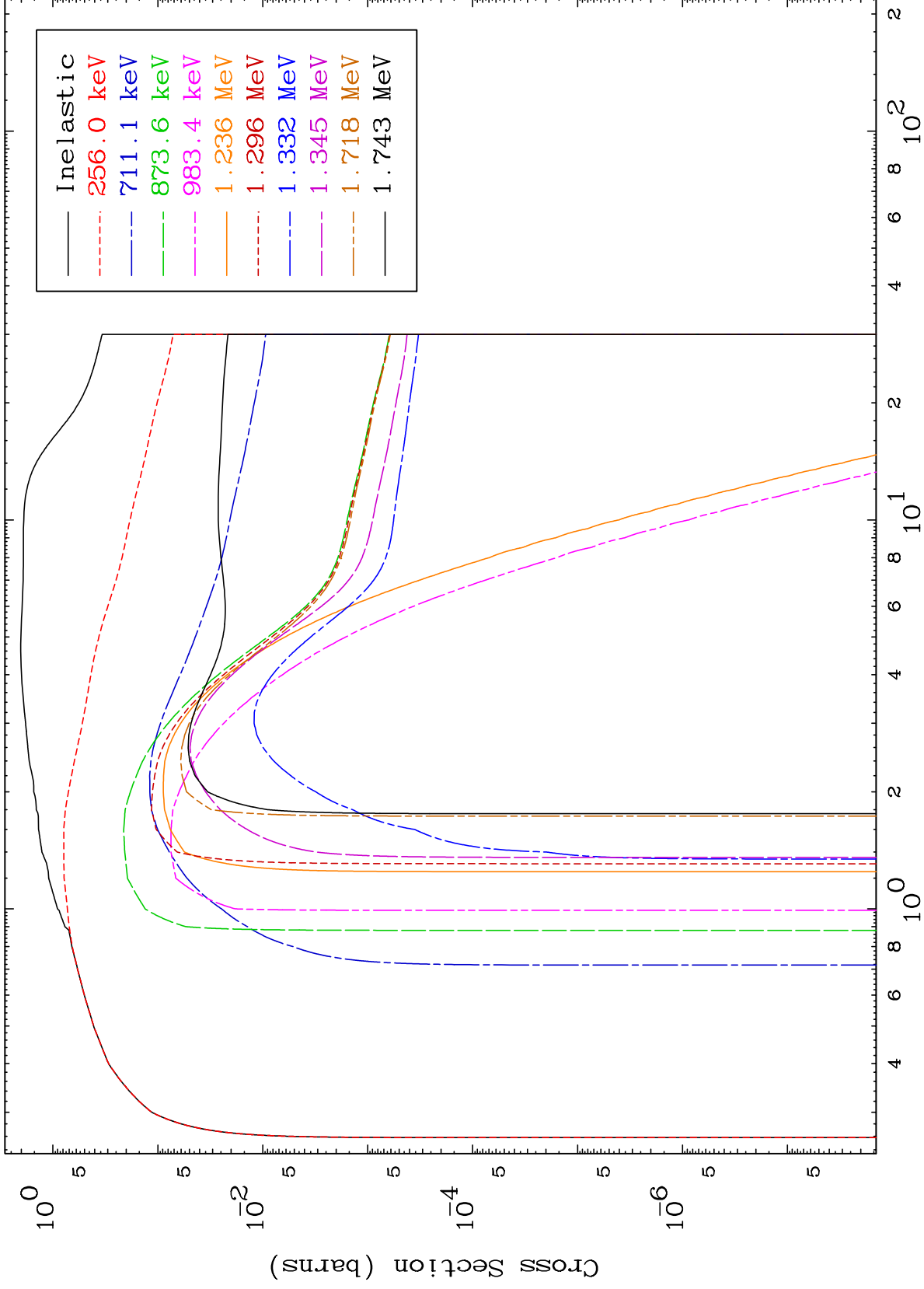


MAT 5613

(n,n') Level

56-Ba-126

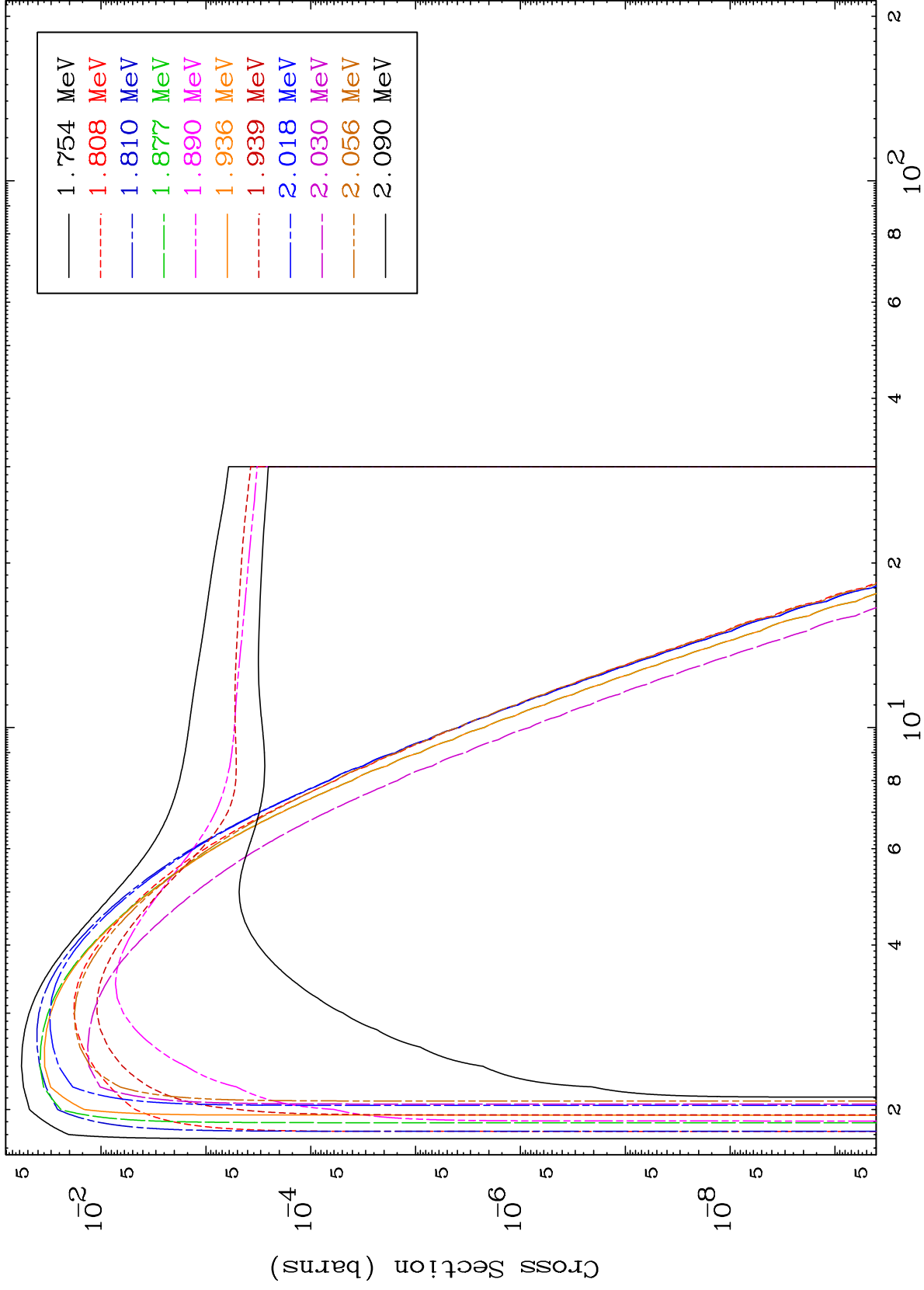
293 Kelvin Cross Sections



MAT 5613

(n,n') Level
293 Kelvin Cross Sections

56-Ba-126



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Incident Energy (MeV)

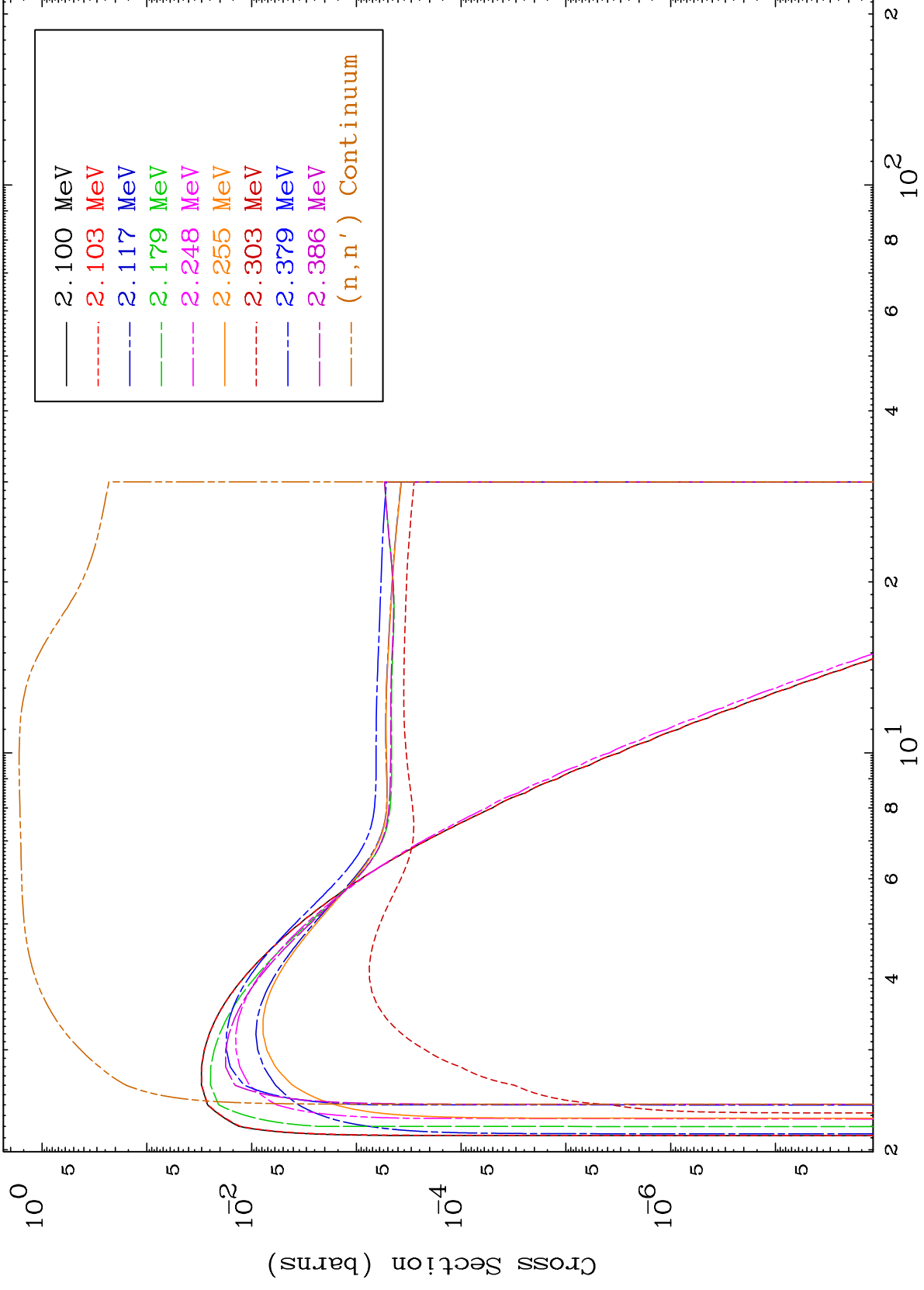
56-Ba-126

MAT 5613

(n,n') Level

56-Ba-126

293 Kelvin Cross Sections



9

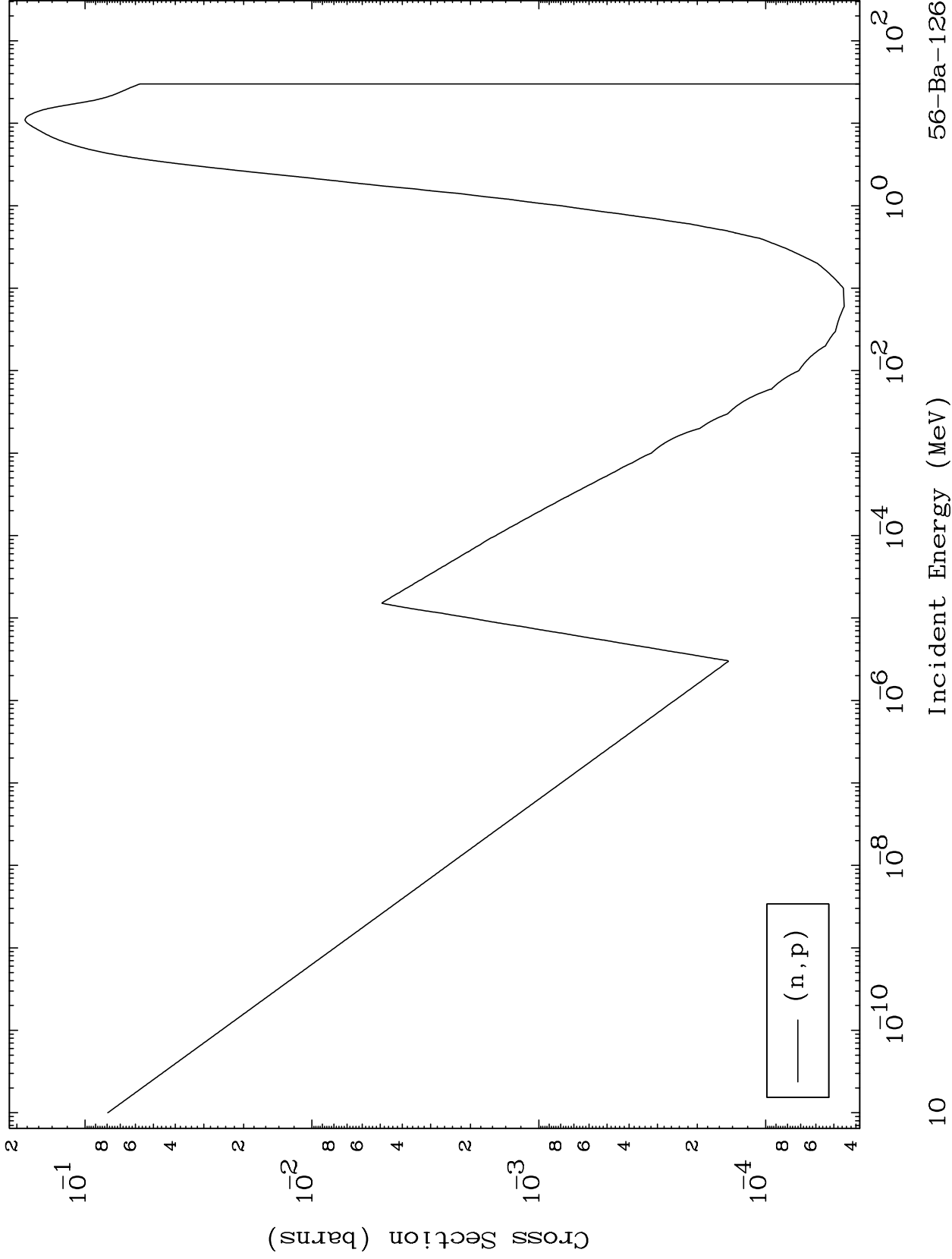
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-126



10

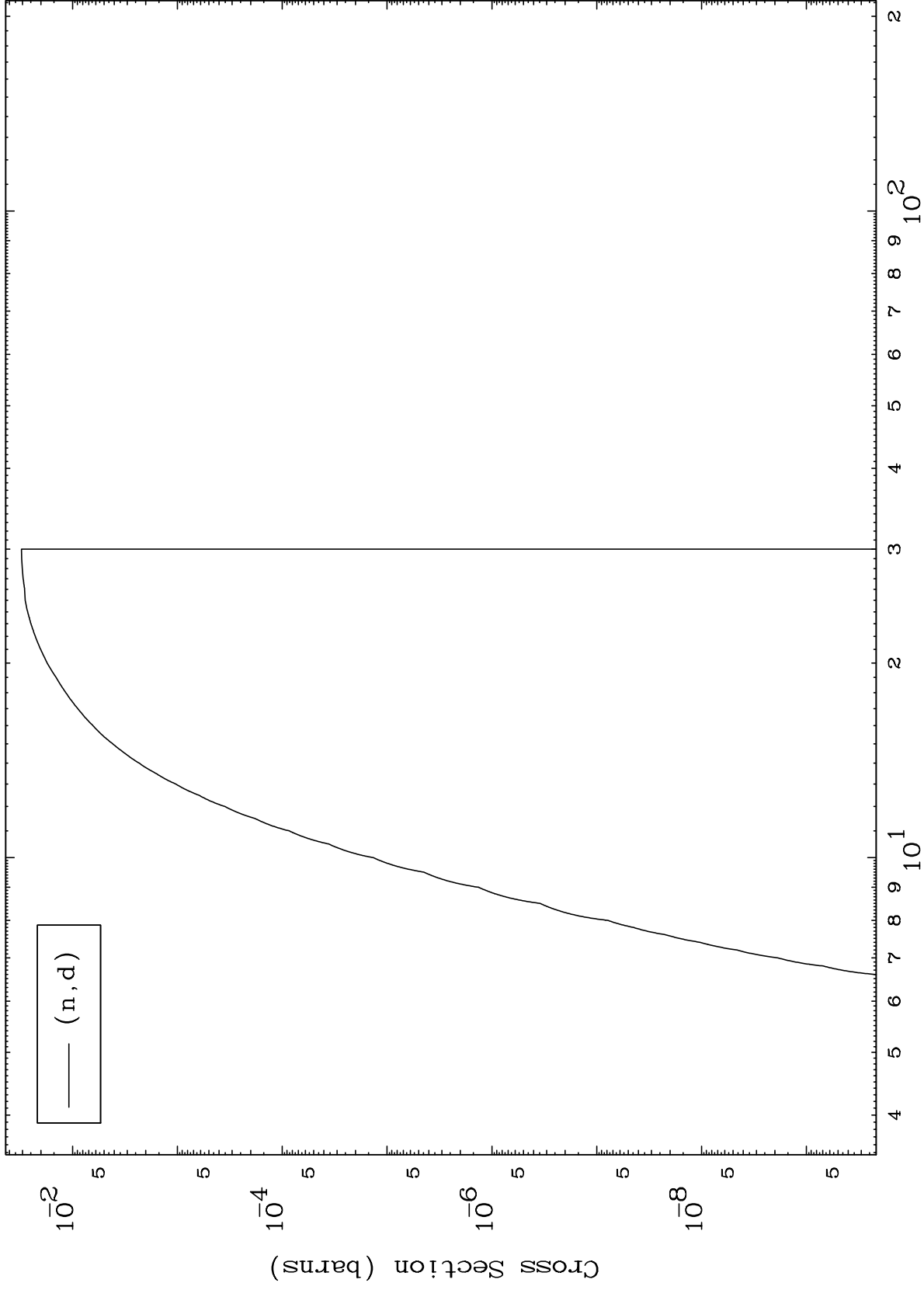
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-126



11

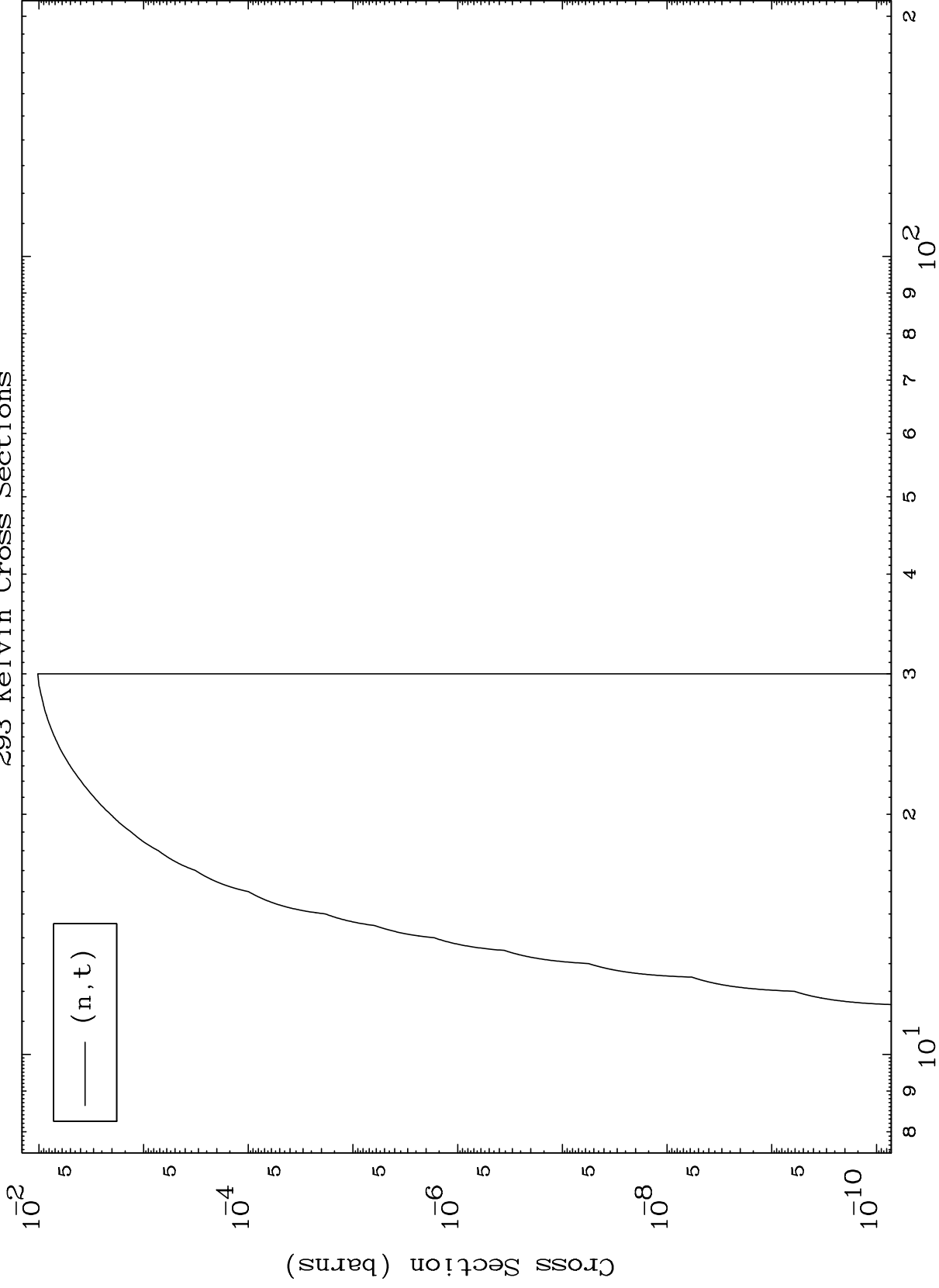
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-126



12

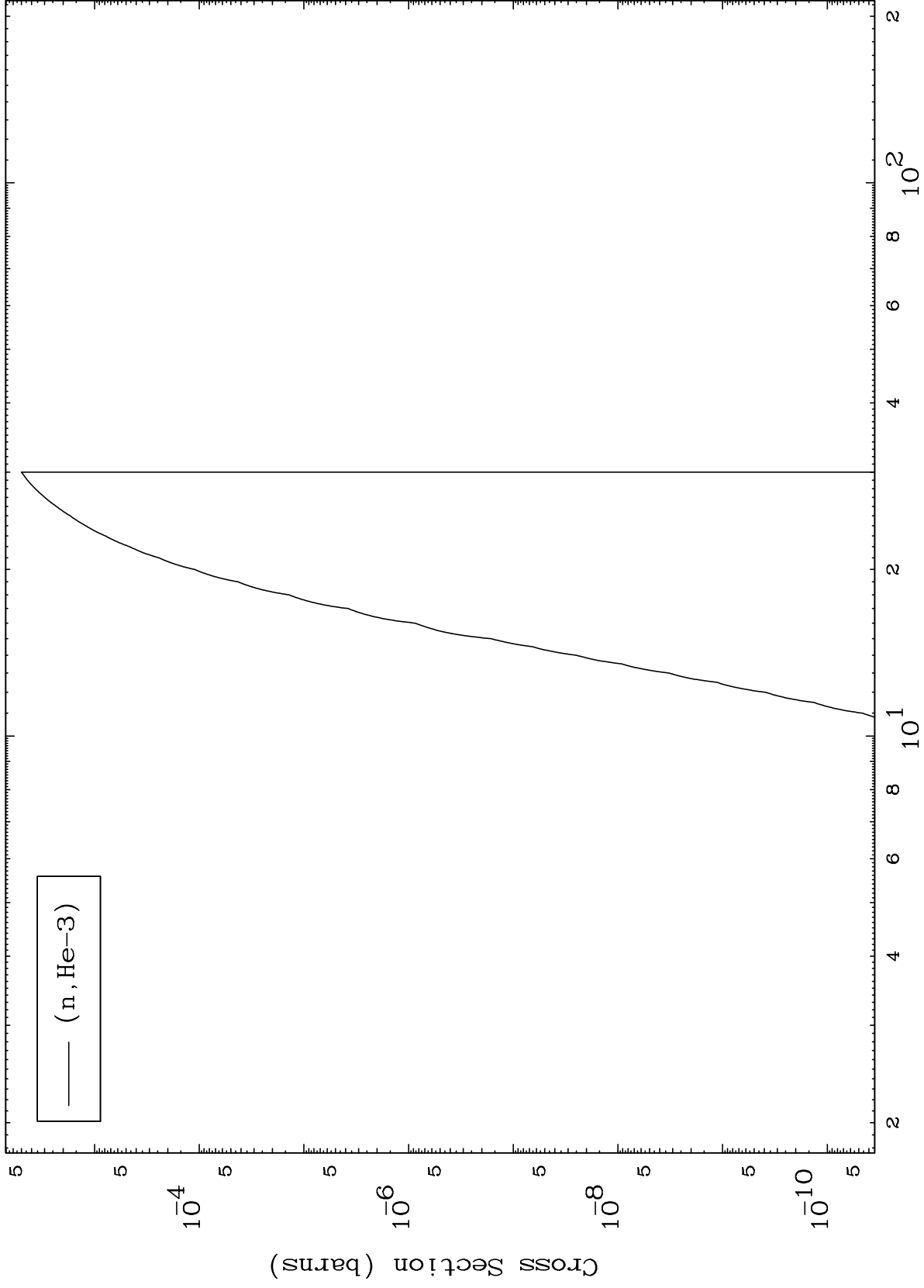
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-126



13

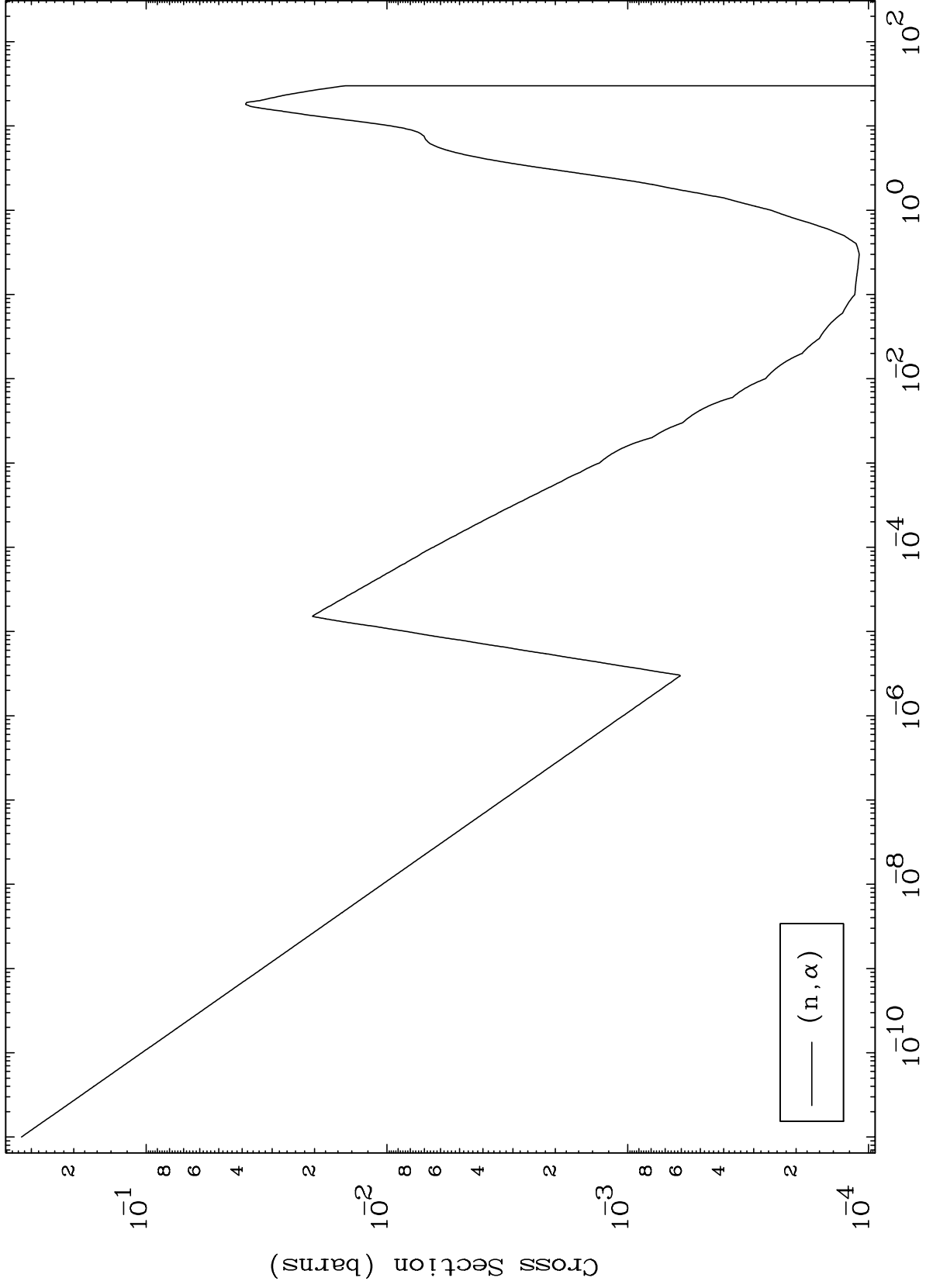
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,α) Levels
293 Kelvin Cross Sections

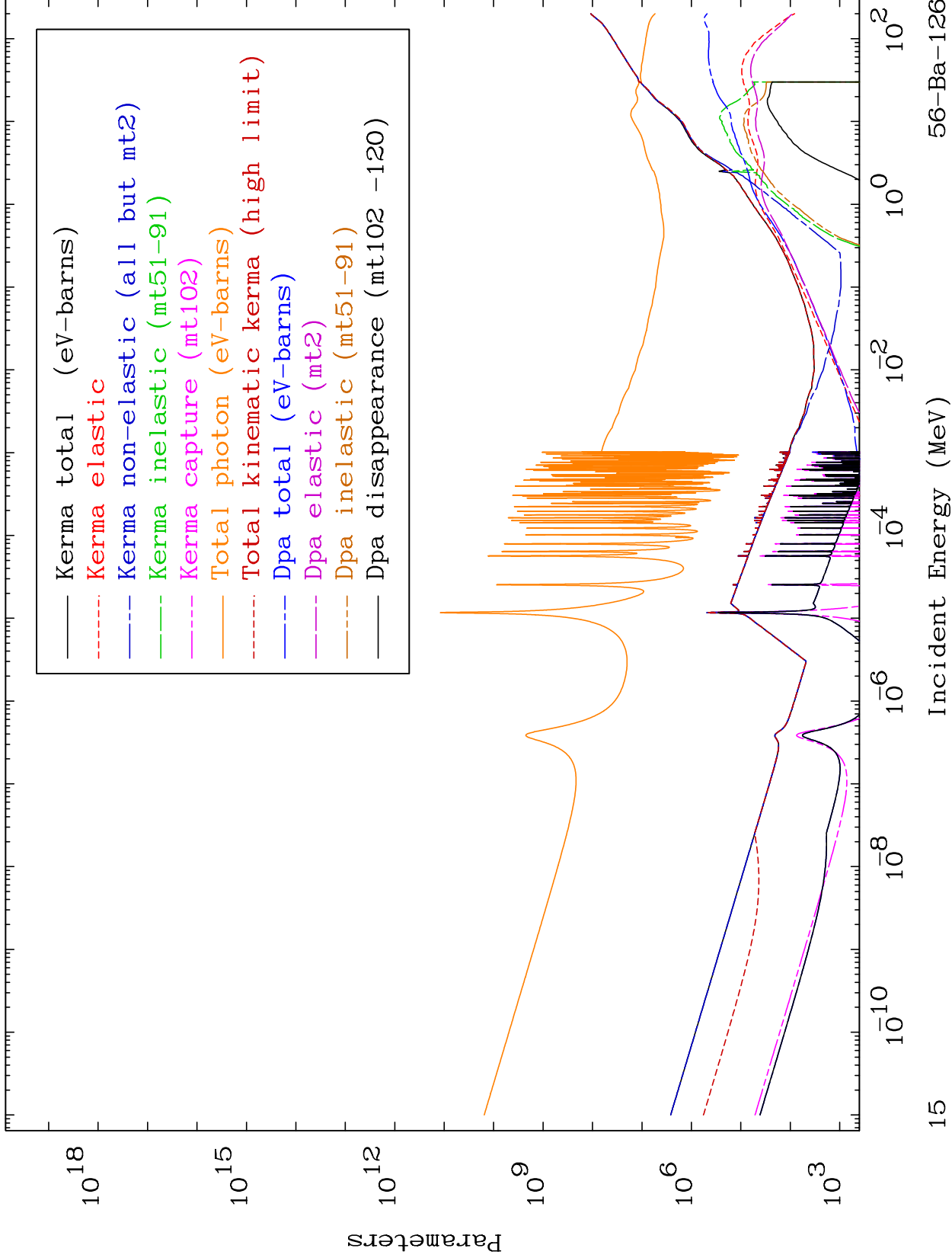
56-Ba-126



14

Incident Energy (MeV)

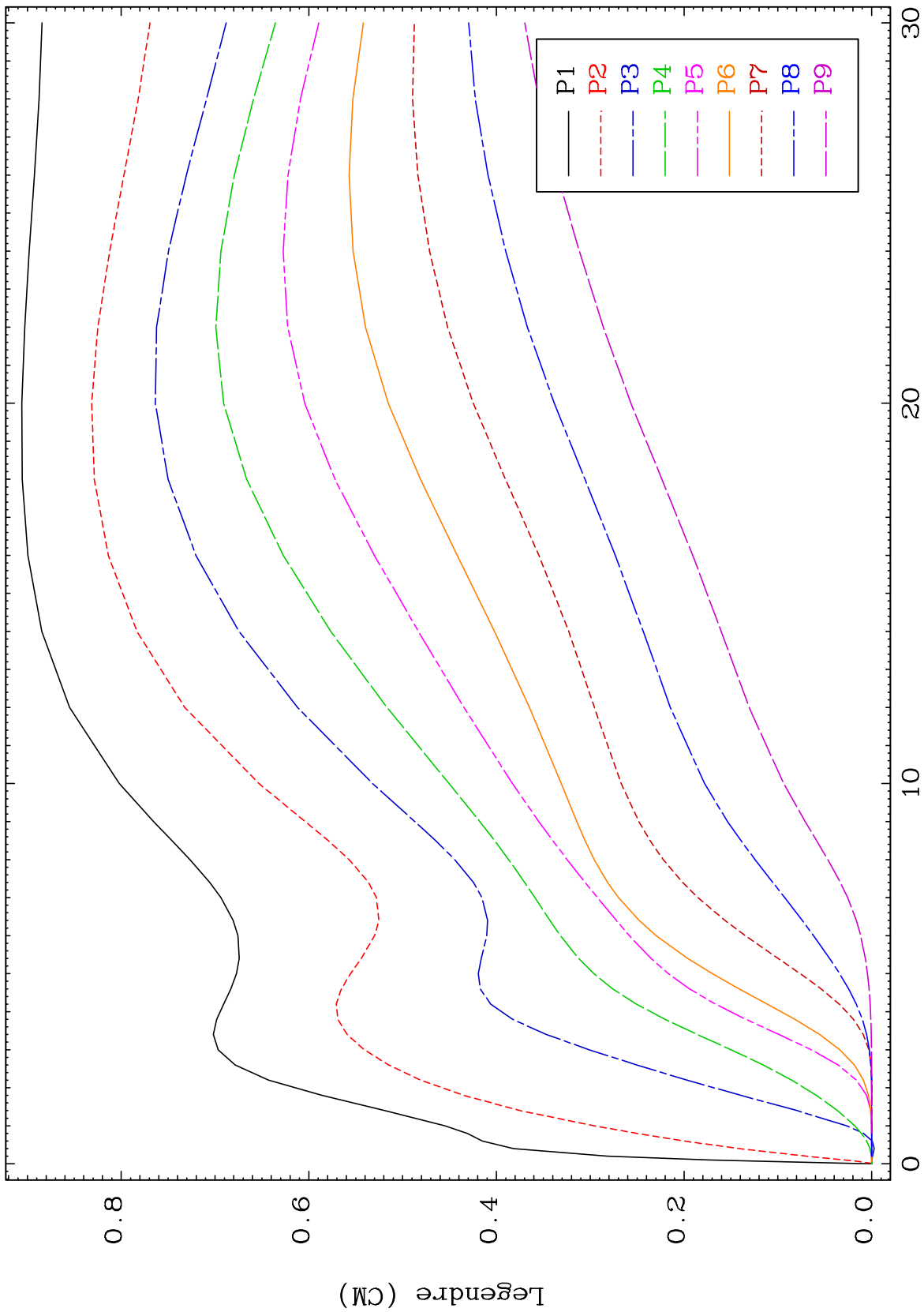
56-Ba-126



MAT 5613

56-Ba-126

Elastic Legendre Coefficients



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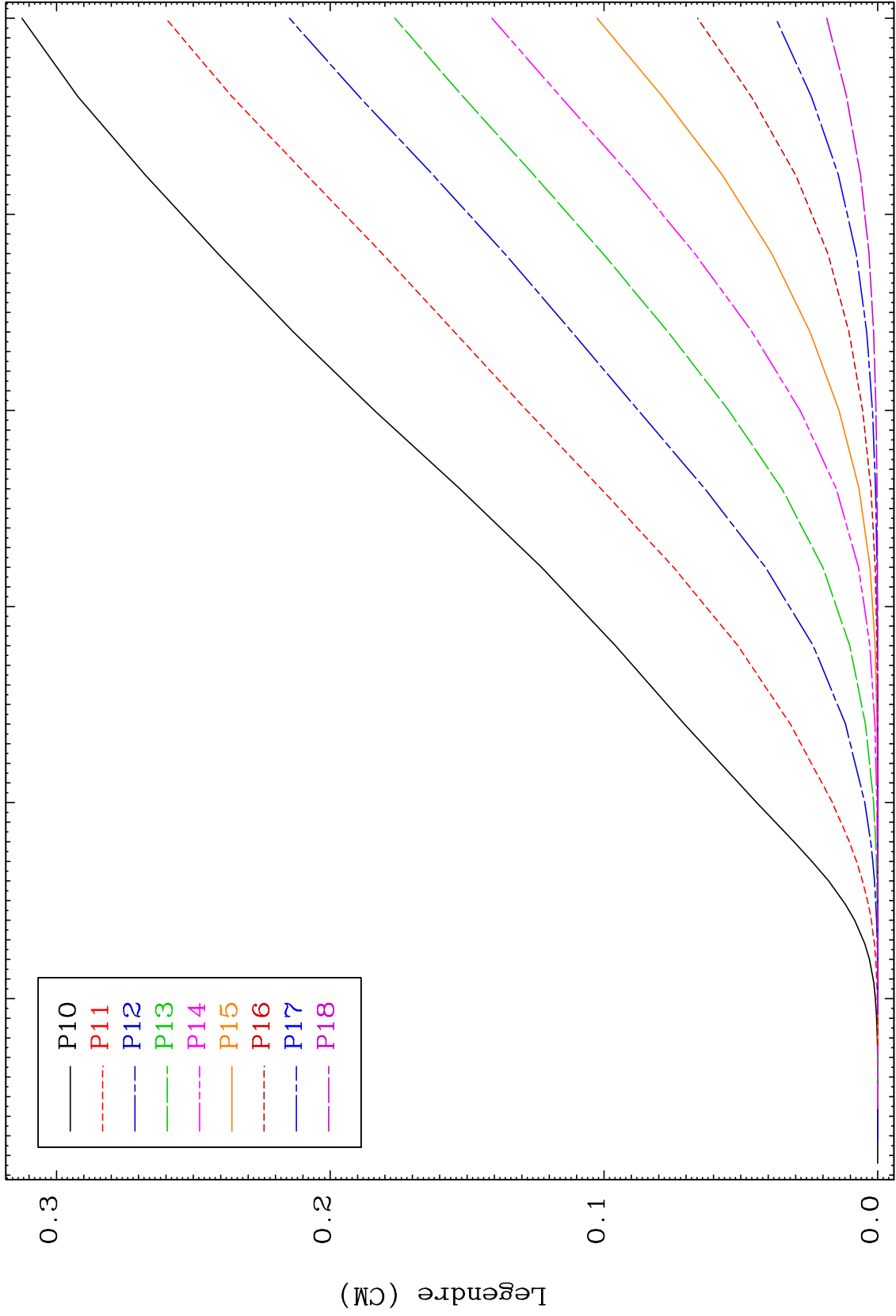
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



17

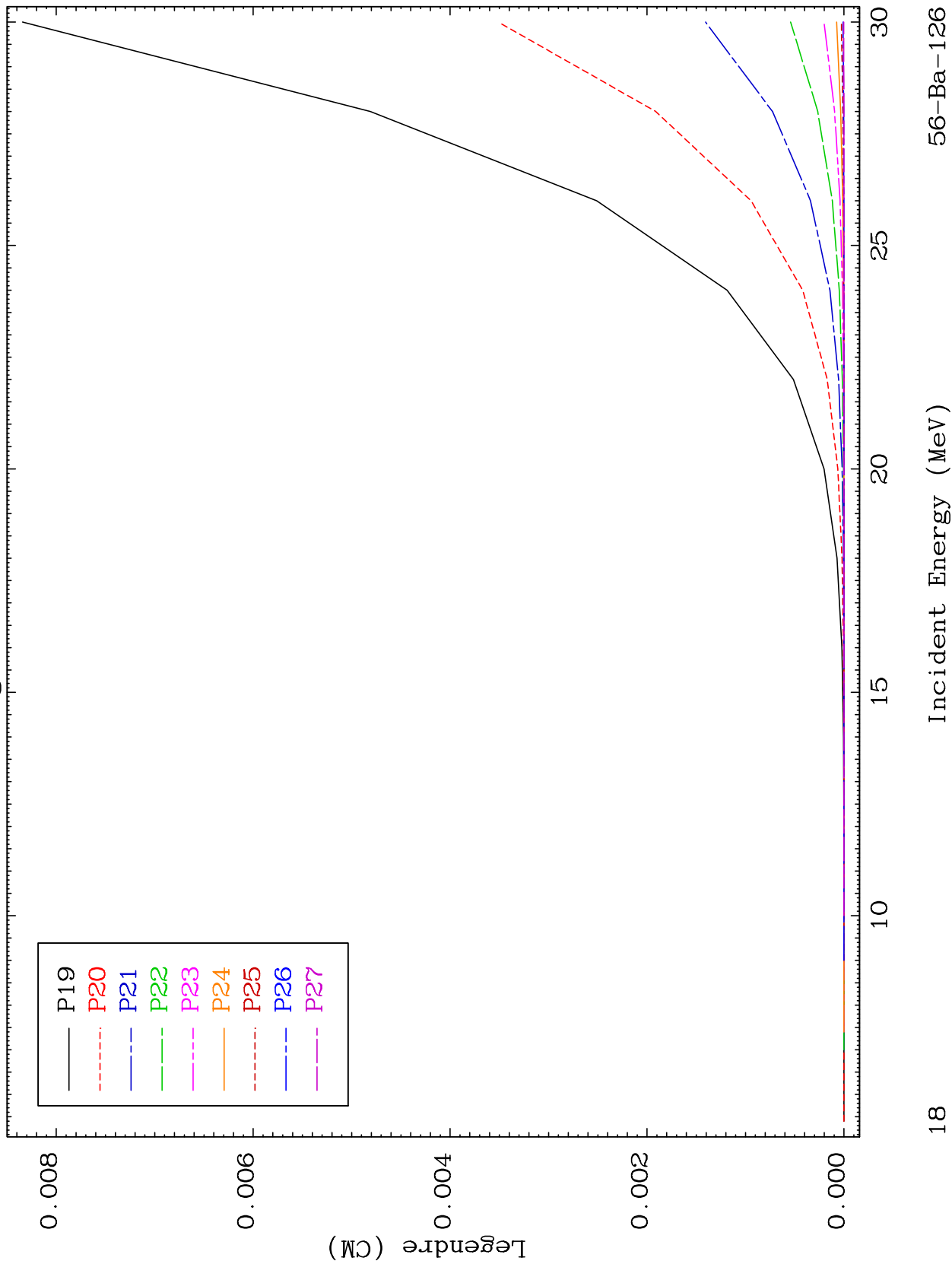
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic Legendre Coefficients

56-Ba-126



18

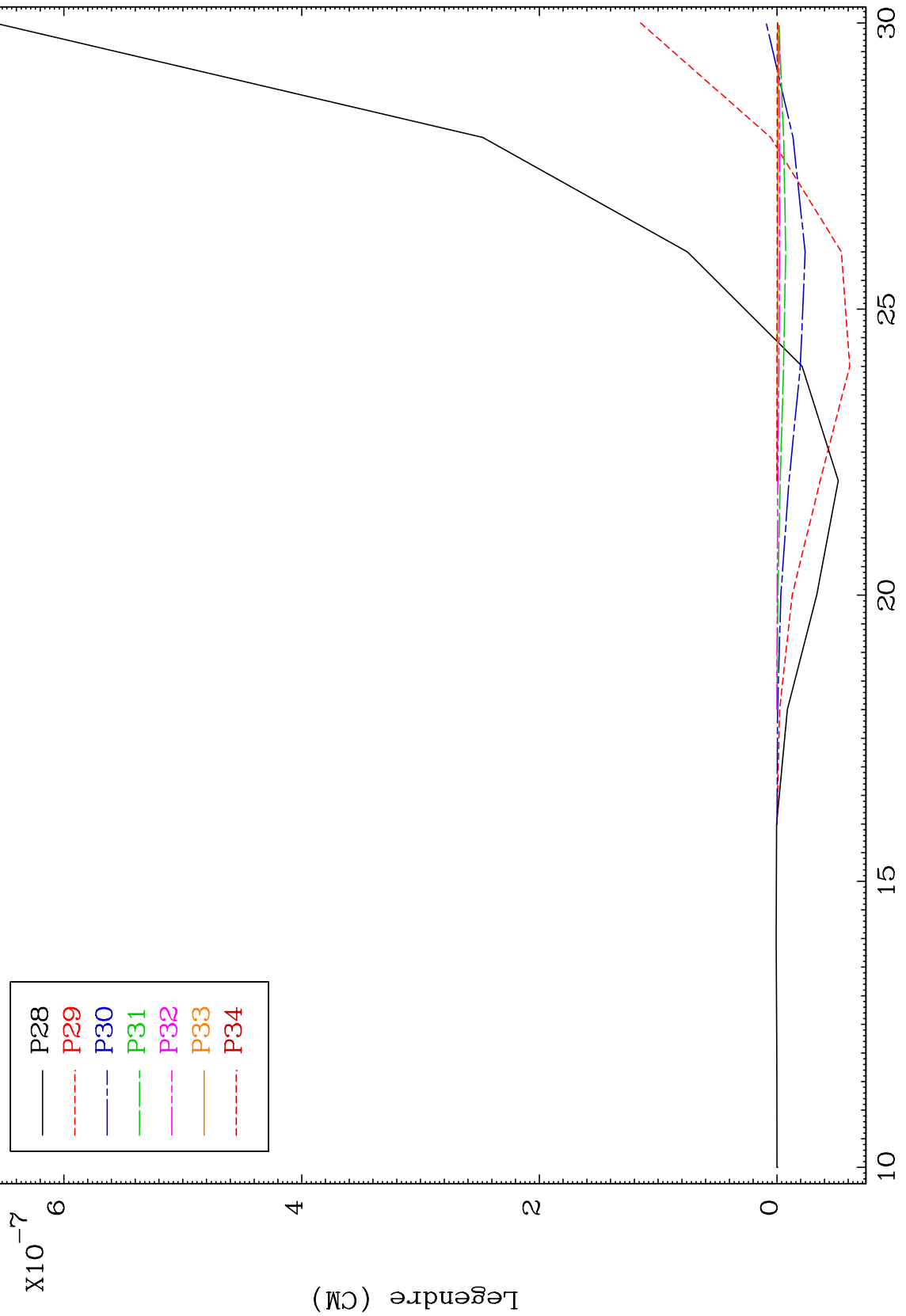
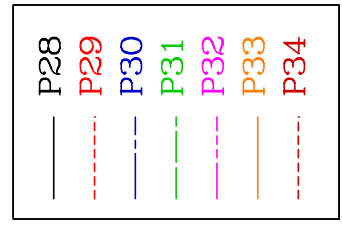
Incident Energy (MeV)

56-Ba-126

MAT 5613

Elastic
Legendre Coefficients

56-Ba-126



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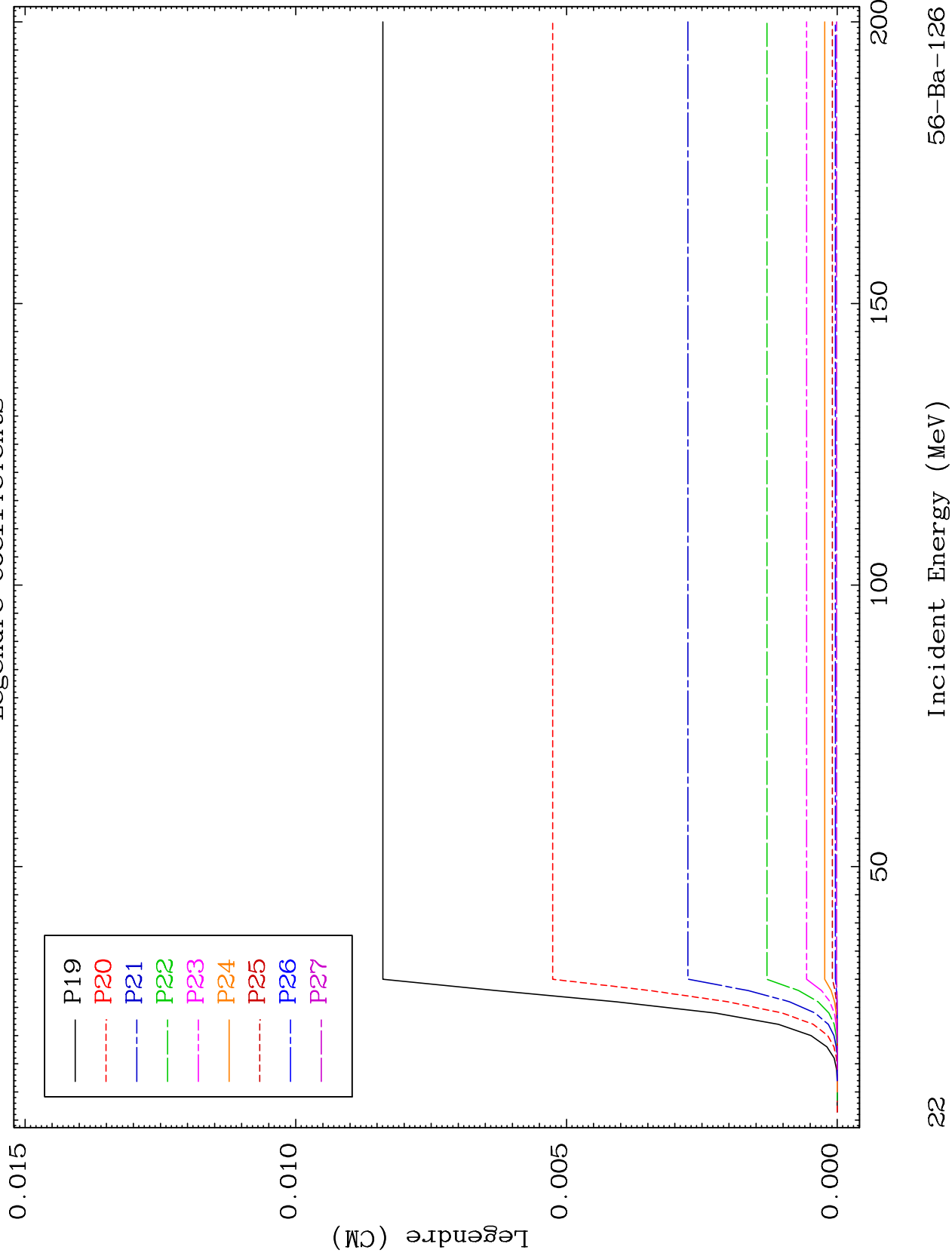
Incident Energy (MeV)

56-Ba-126

MAT 5613

256.0 keV (n,n') Level
Legendre Coefficients

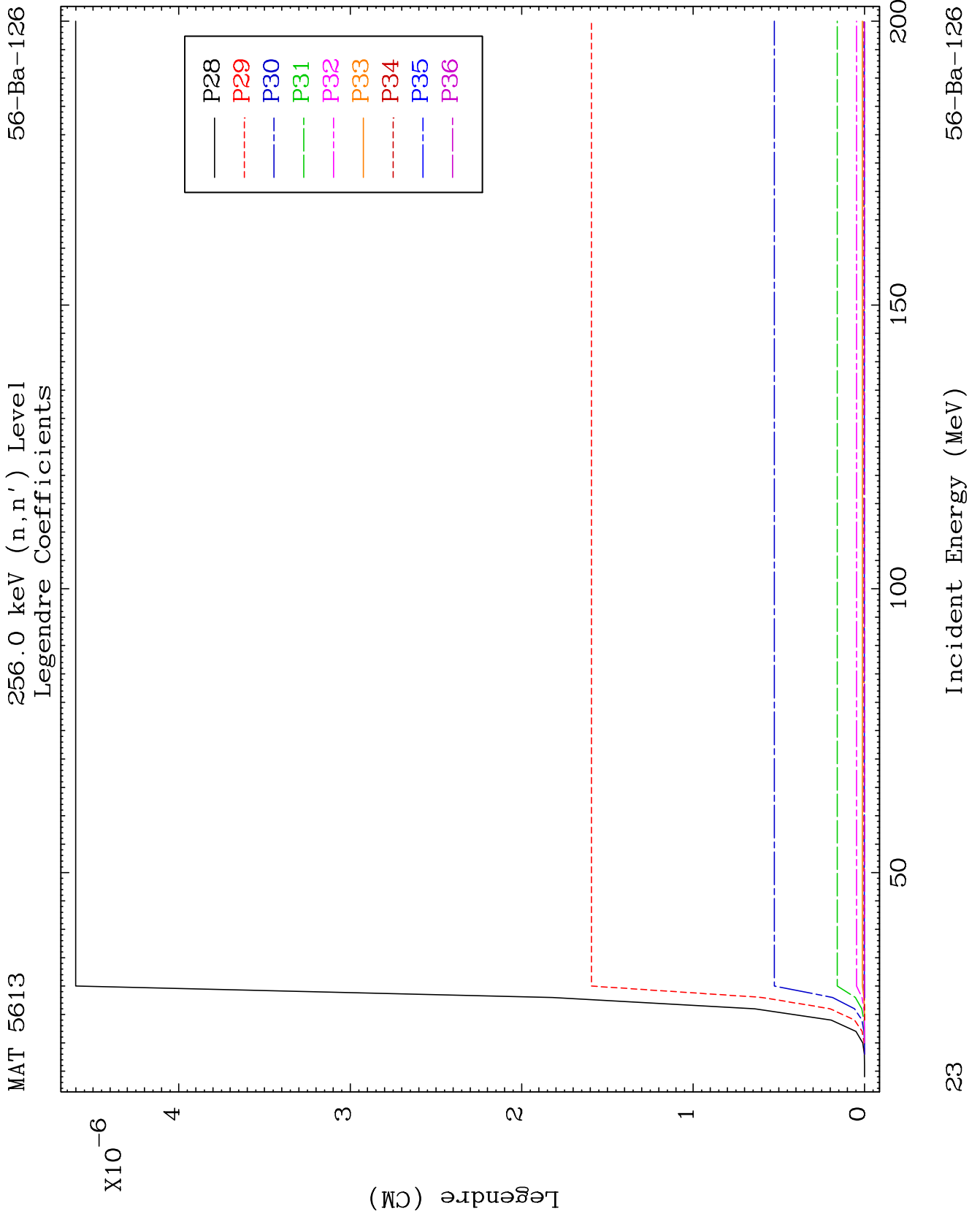
56-Ba-126



22

Incident Energy (MeV)

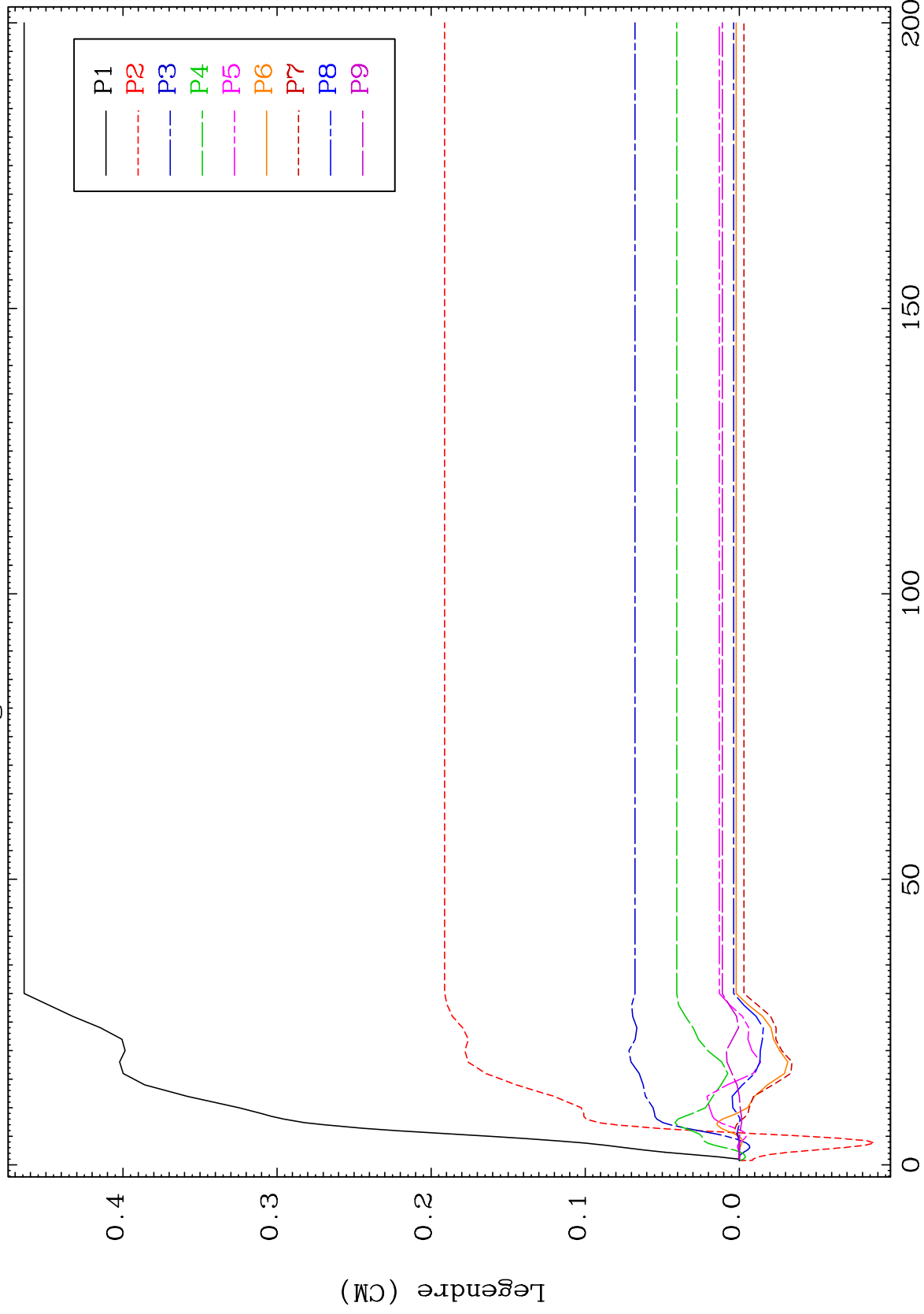
56-Ba-126



MAT 5613

711.1 keV (n,n') Level
Legendre Coefficients

56-Ba-126



24

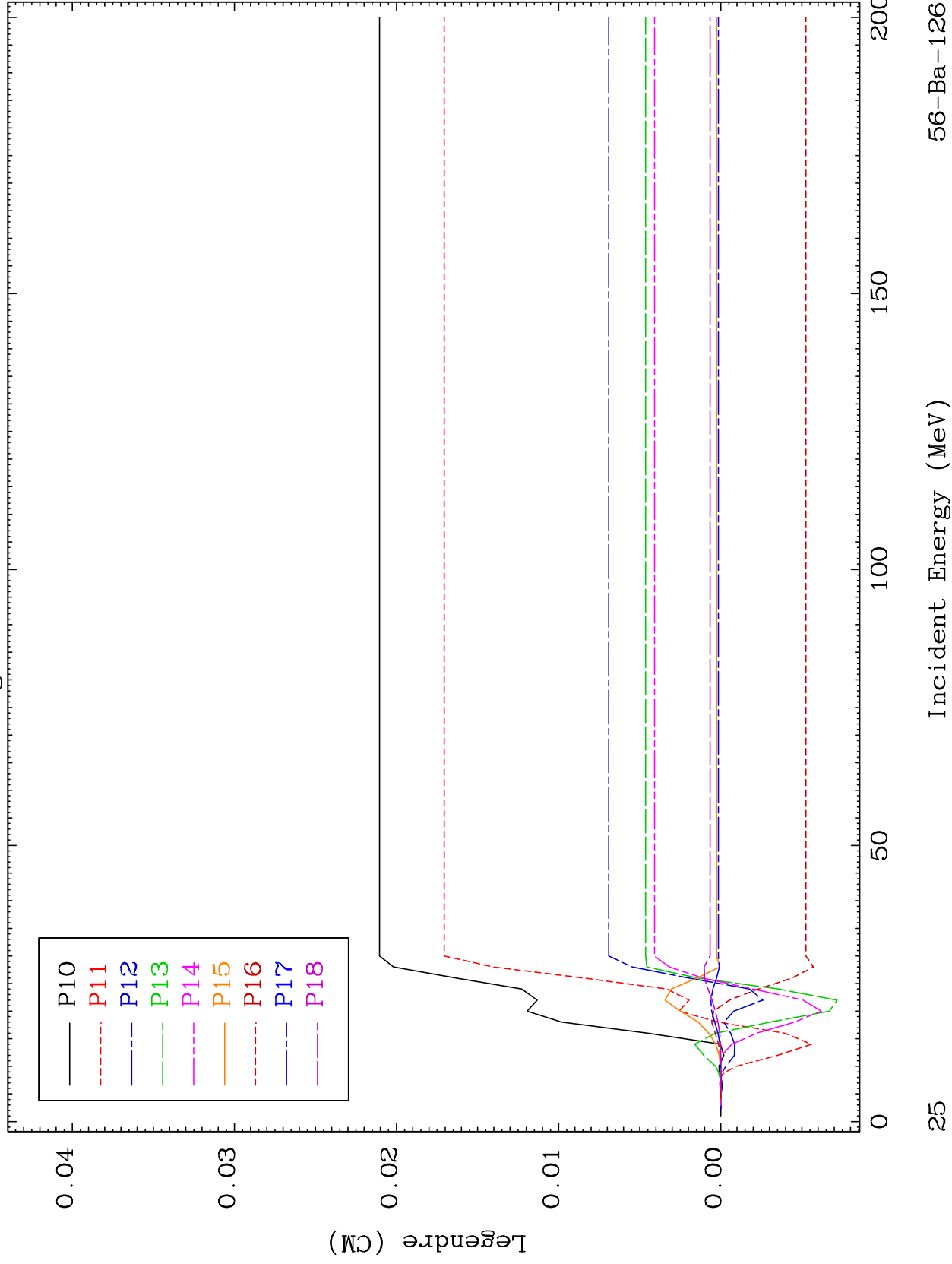
Incident Energy (MeV)

56-Ba-126

MAT 5613

711.1 keV (n,n') Level
Legendre Coefficients

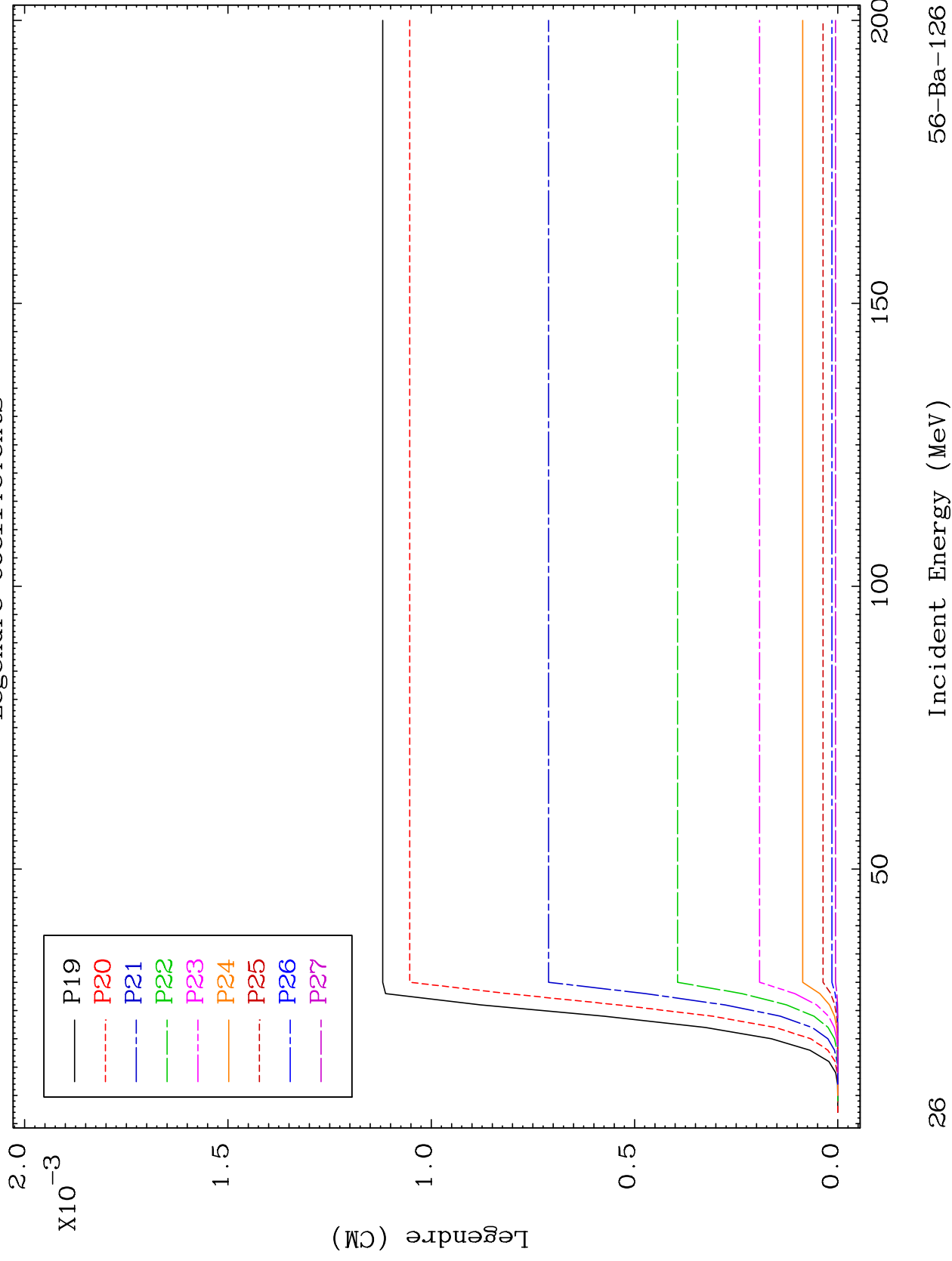
56-Ba-126



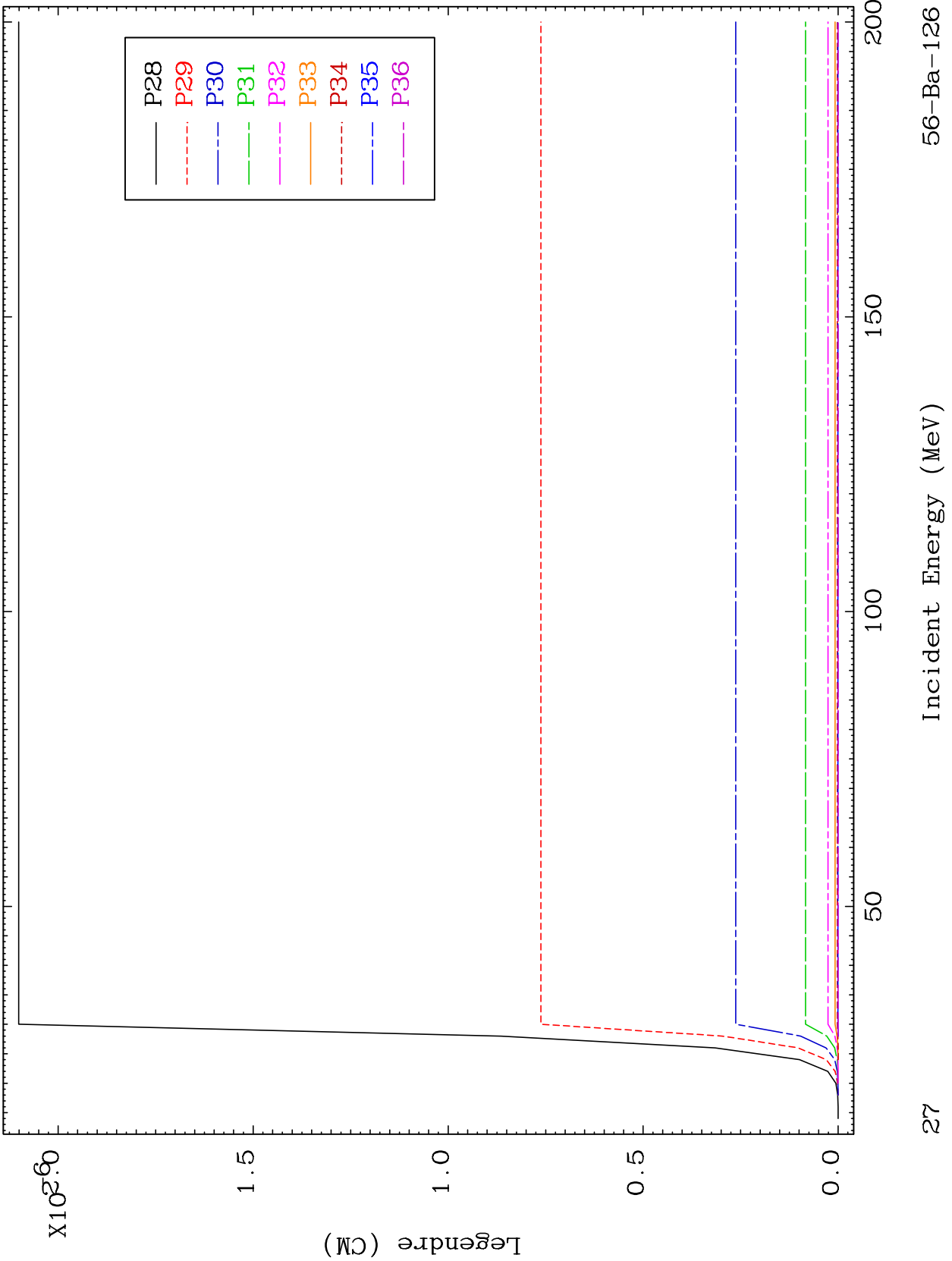
MAT 5613

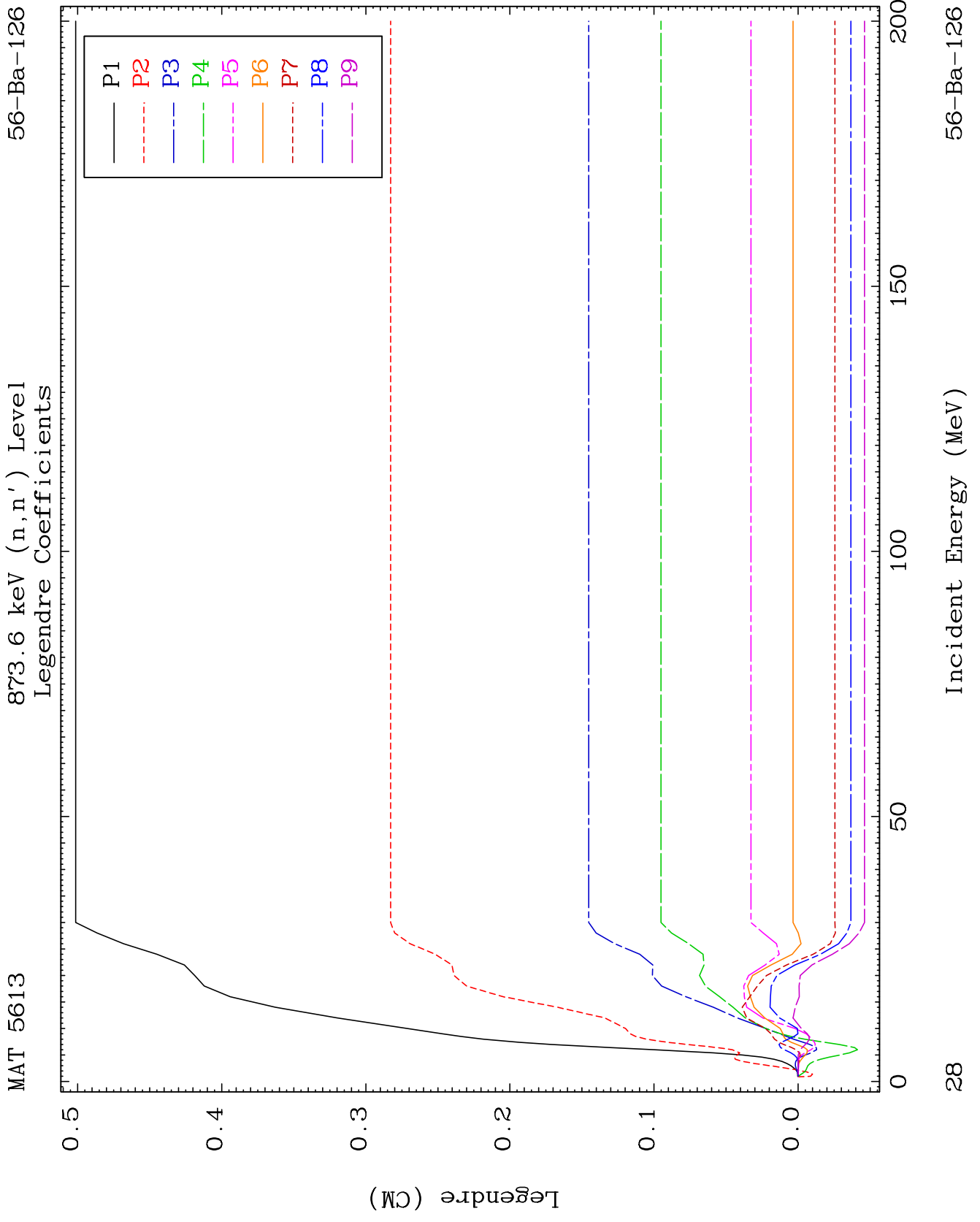
711.1 keV (n,n') Level
Legendre Coefficients

56-Ba-126



26

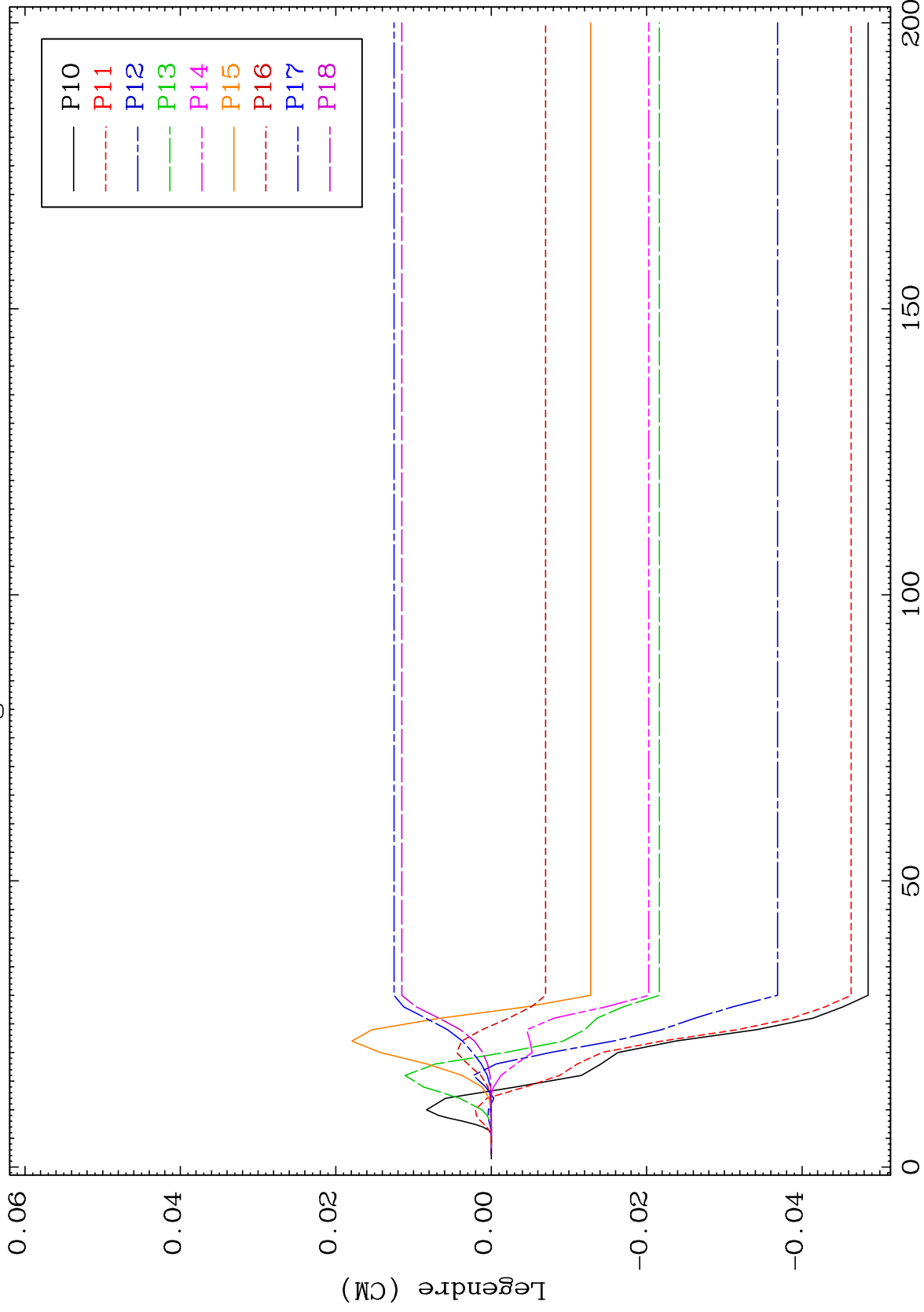




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873.6 keV (n,n') Level
Legendre Coefficients

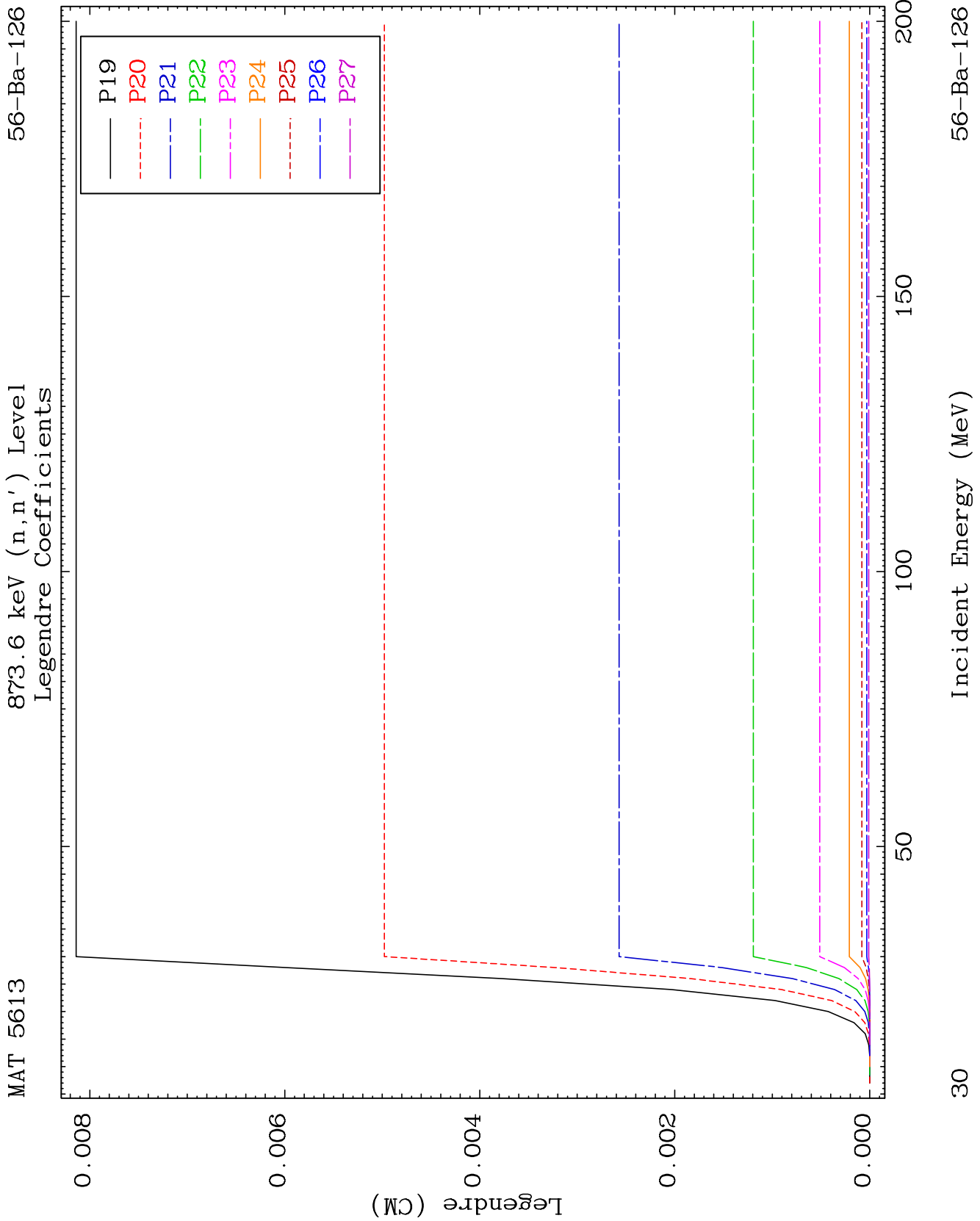
56-Ba-126

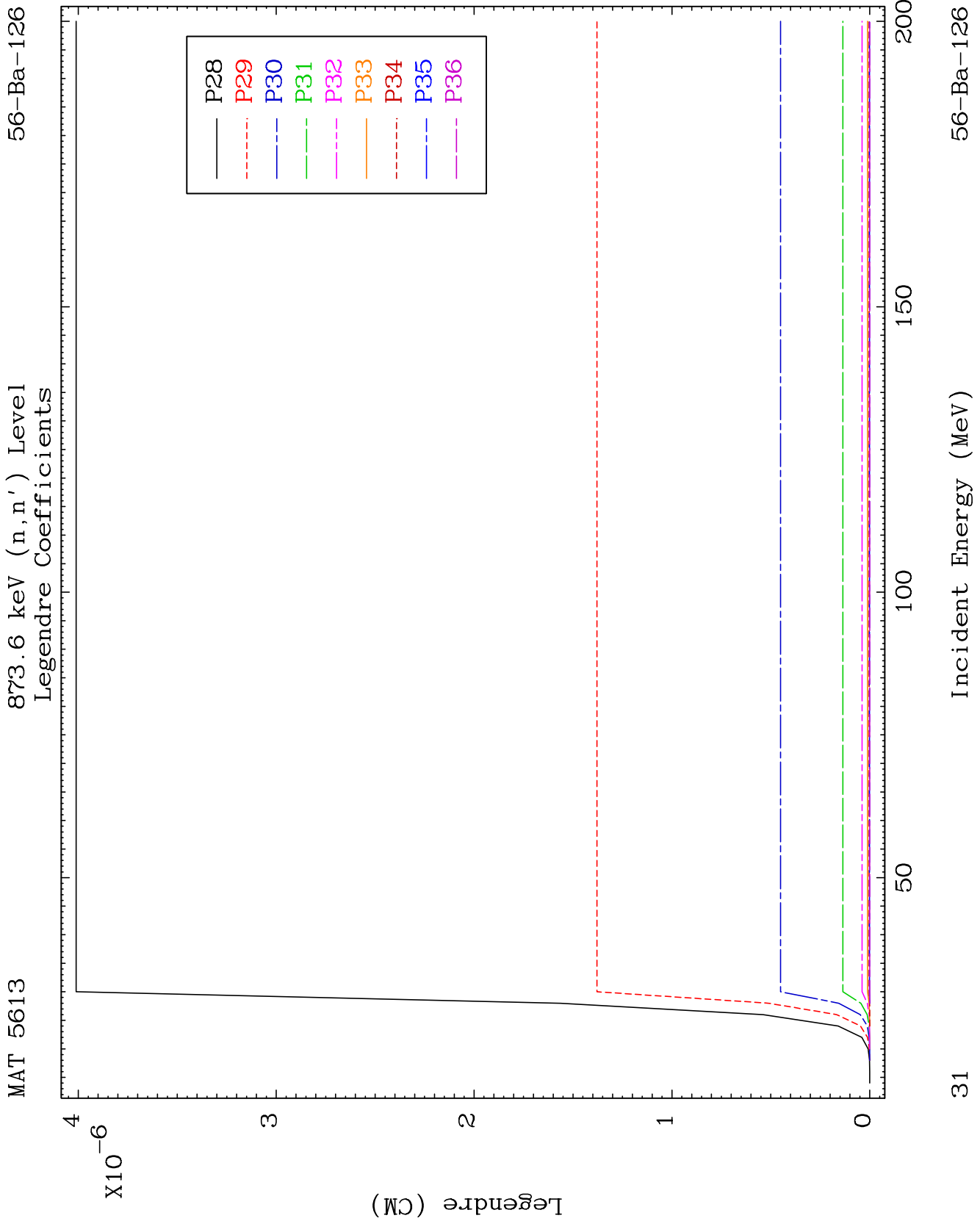


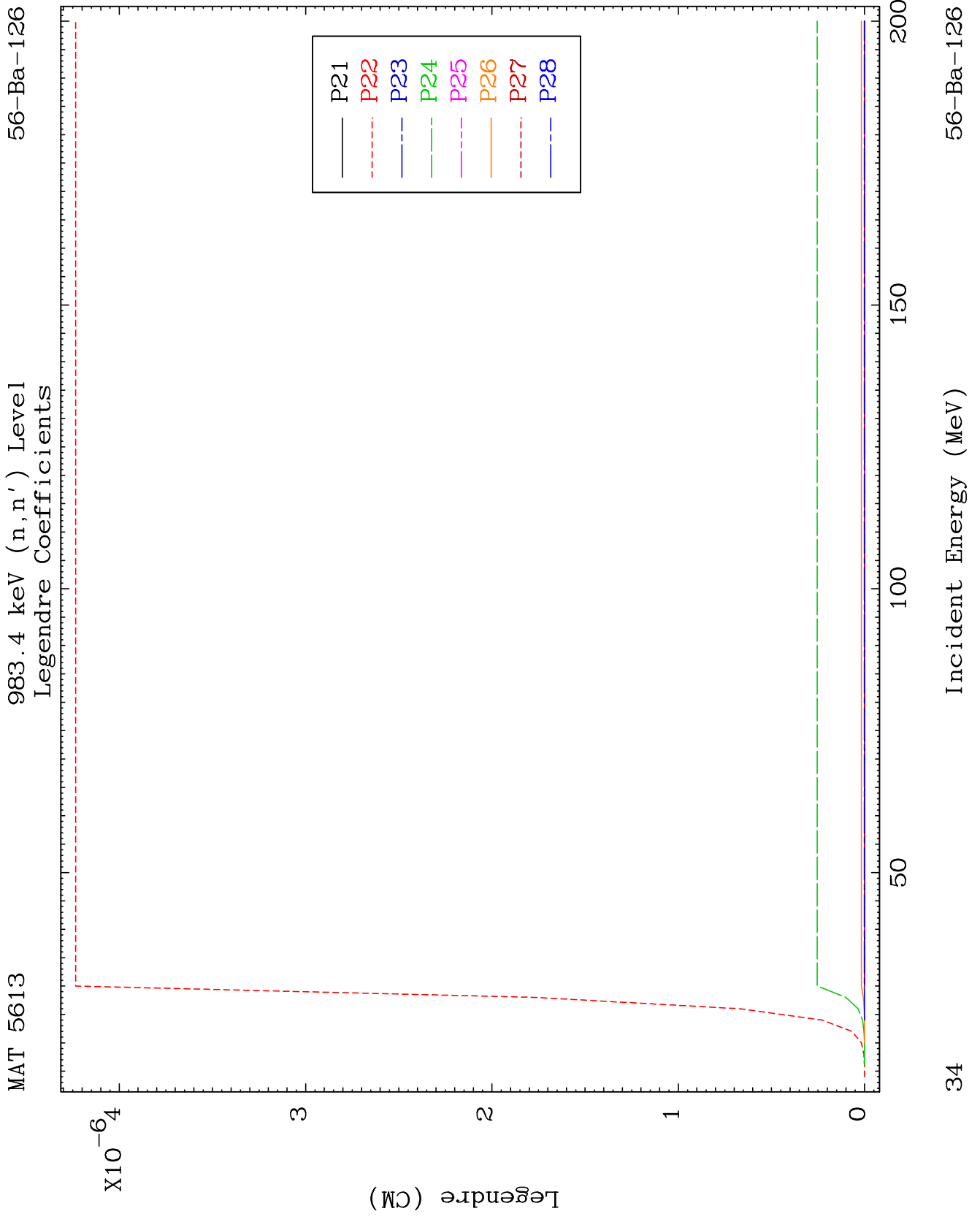
29

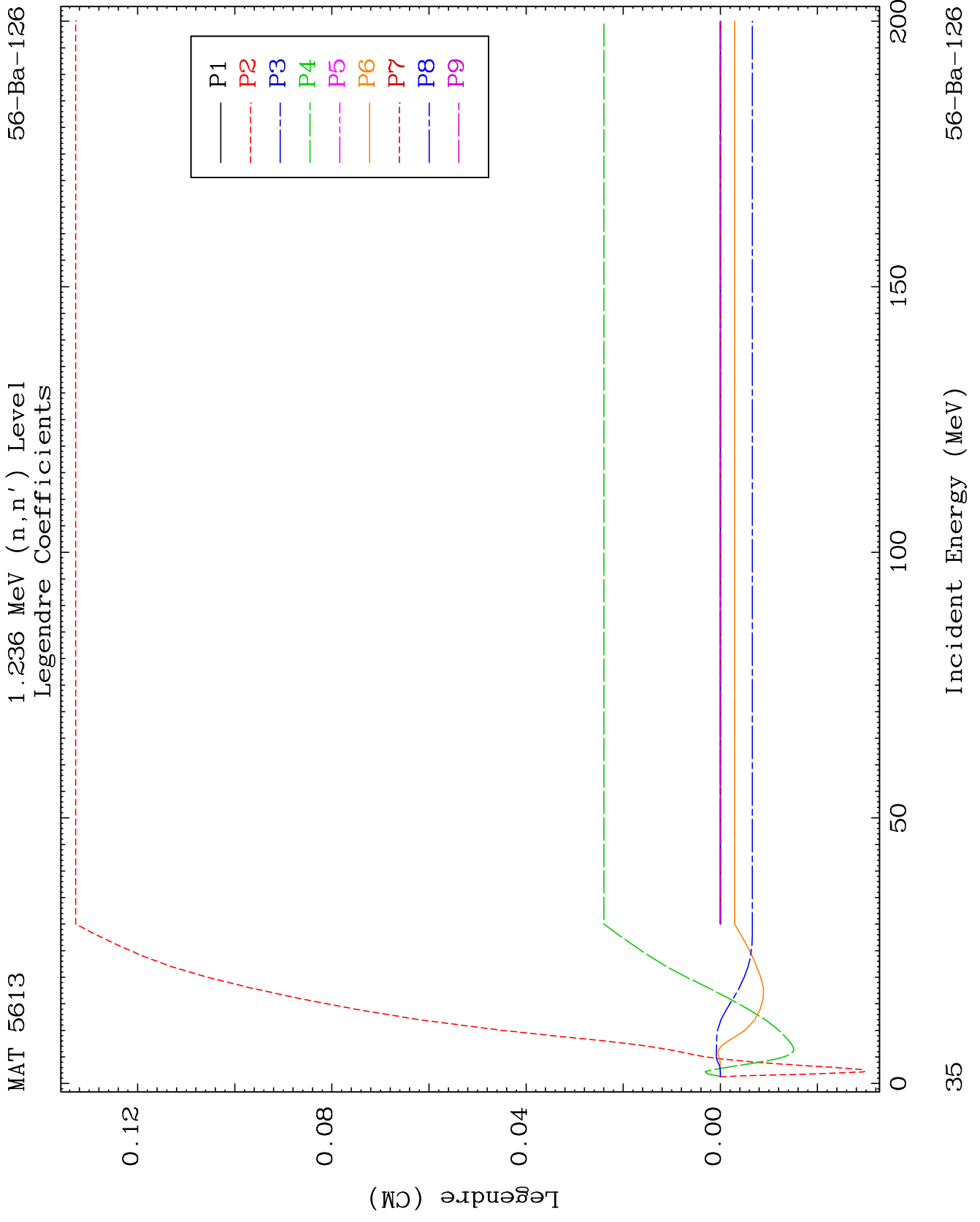
Incident Energy (MeV)

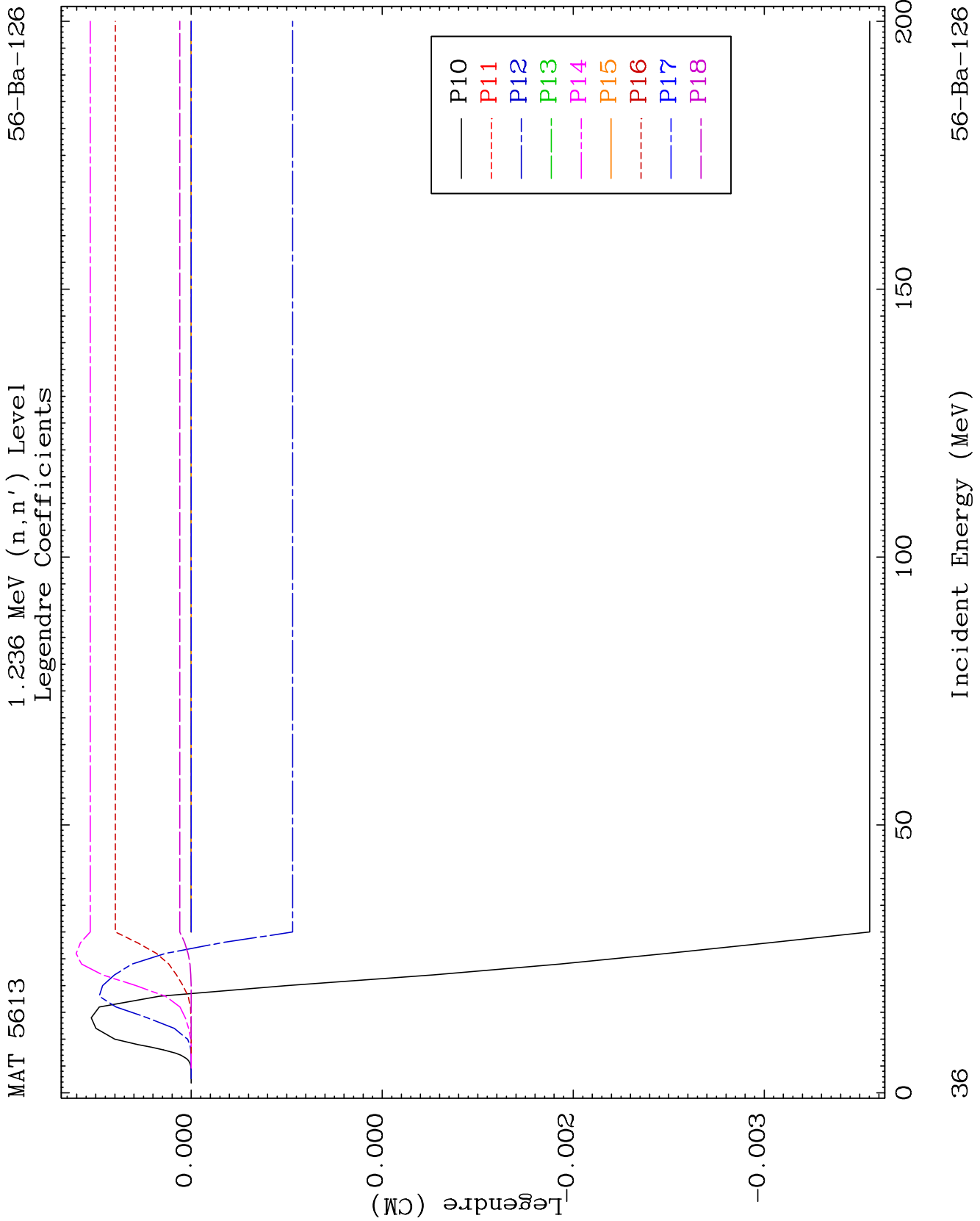
56-Ba-126

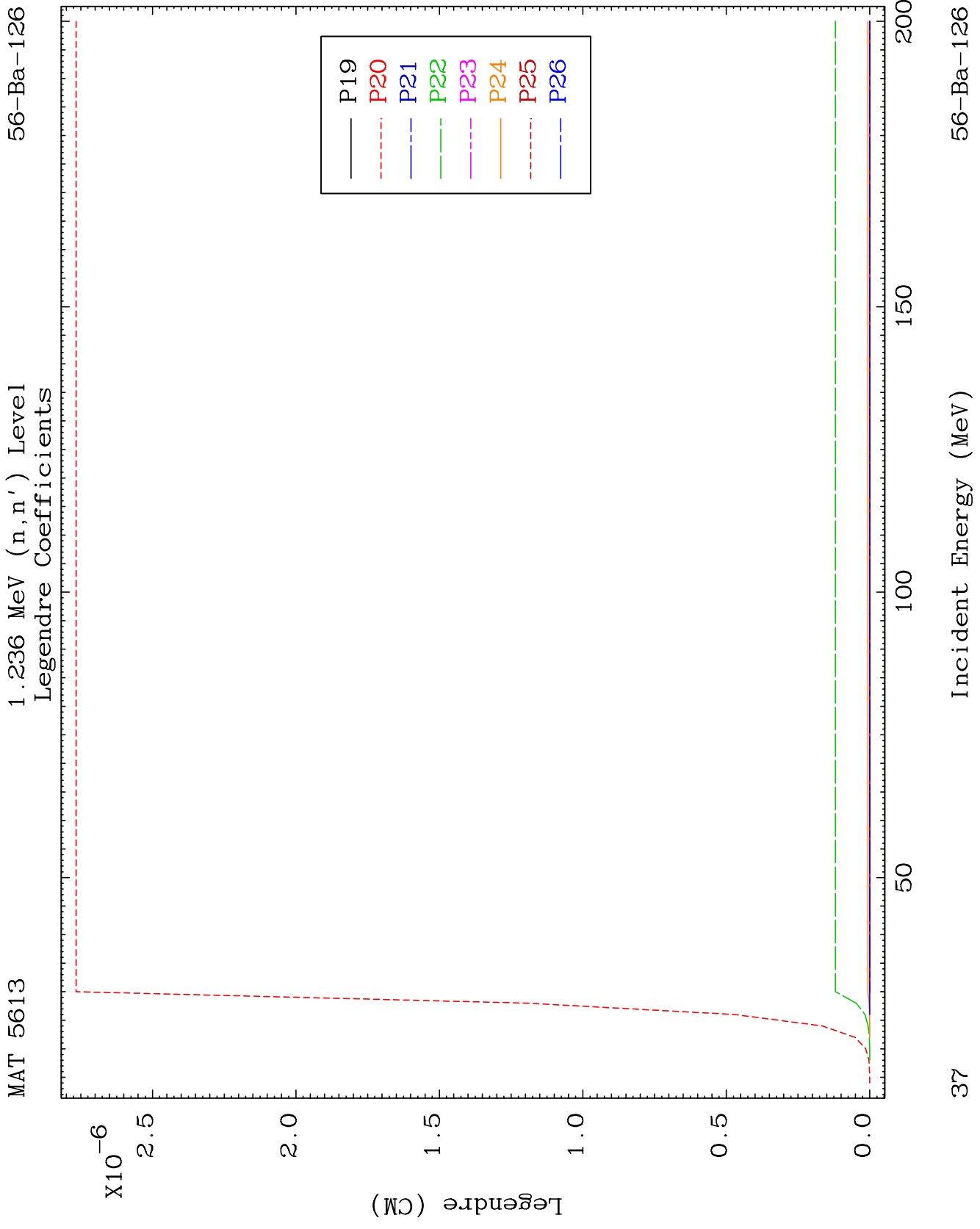


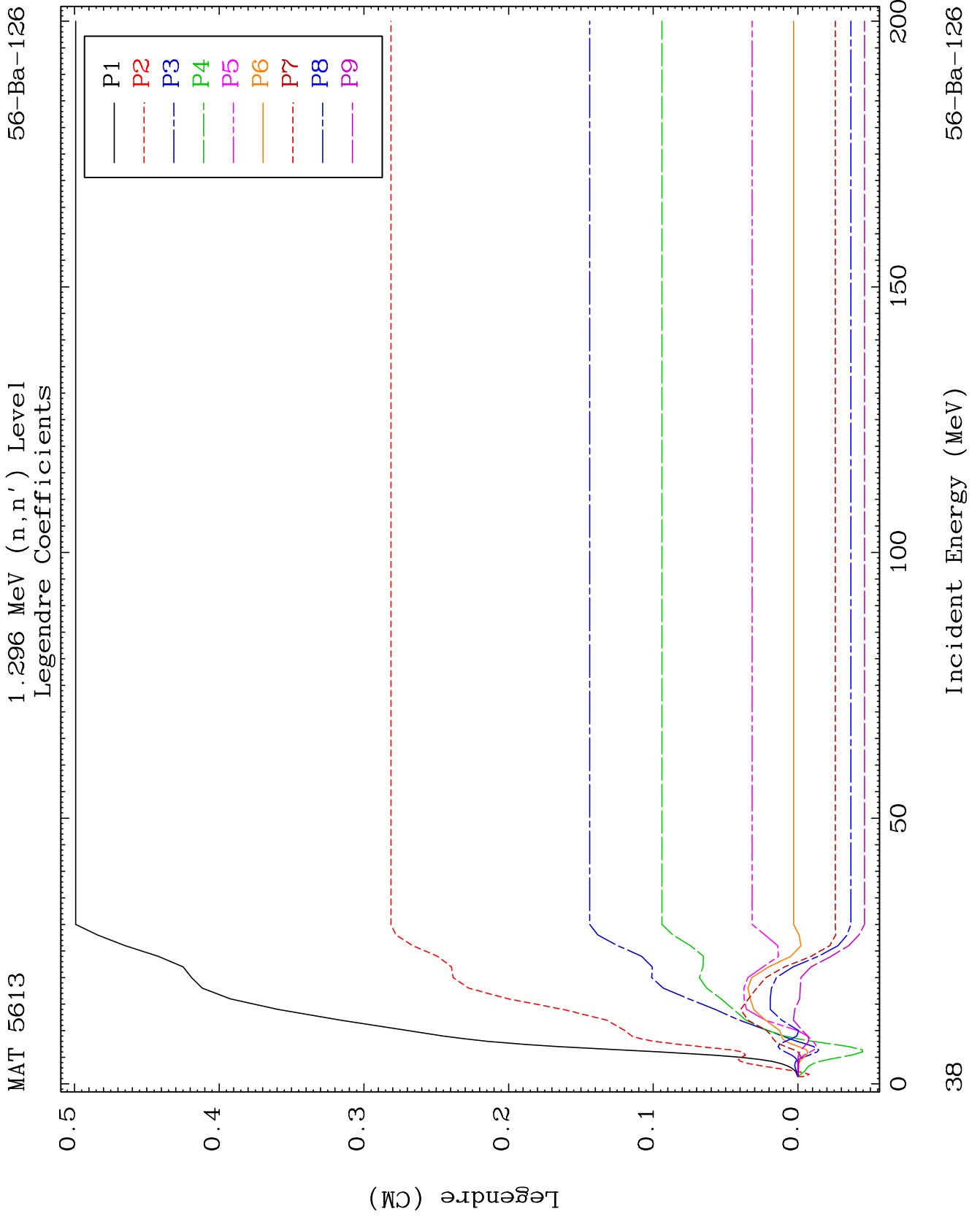


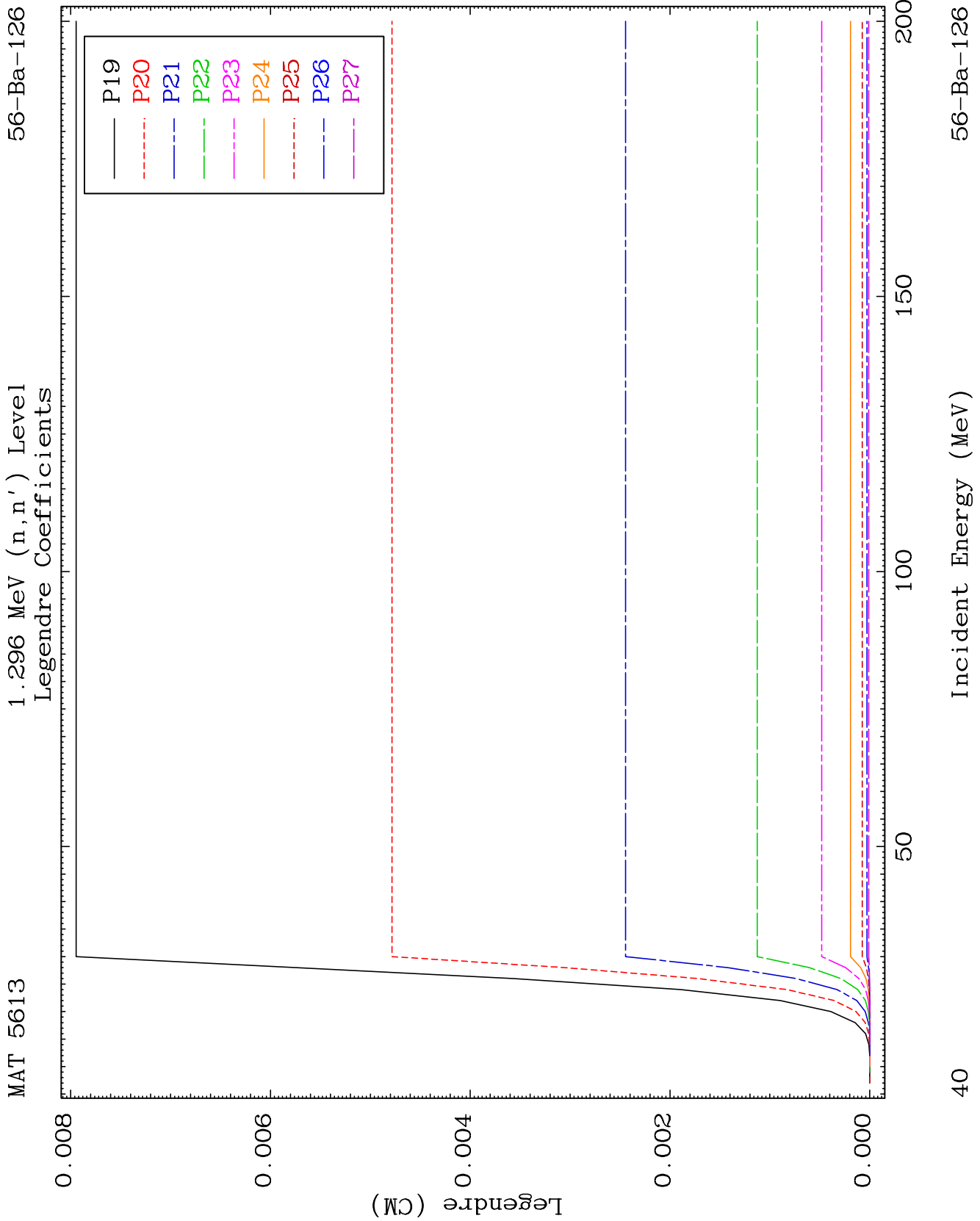








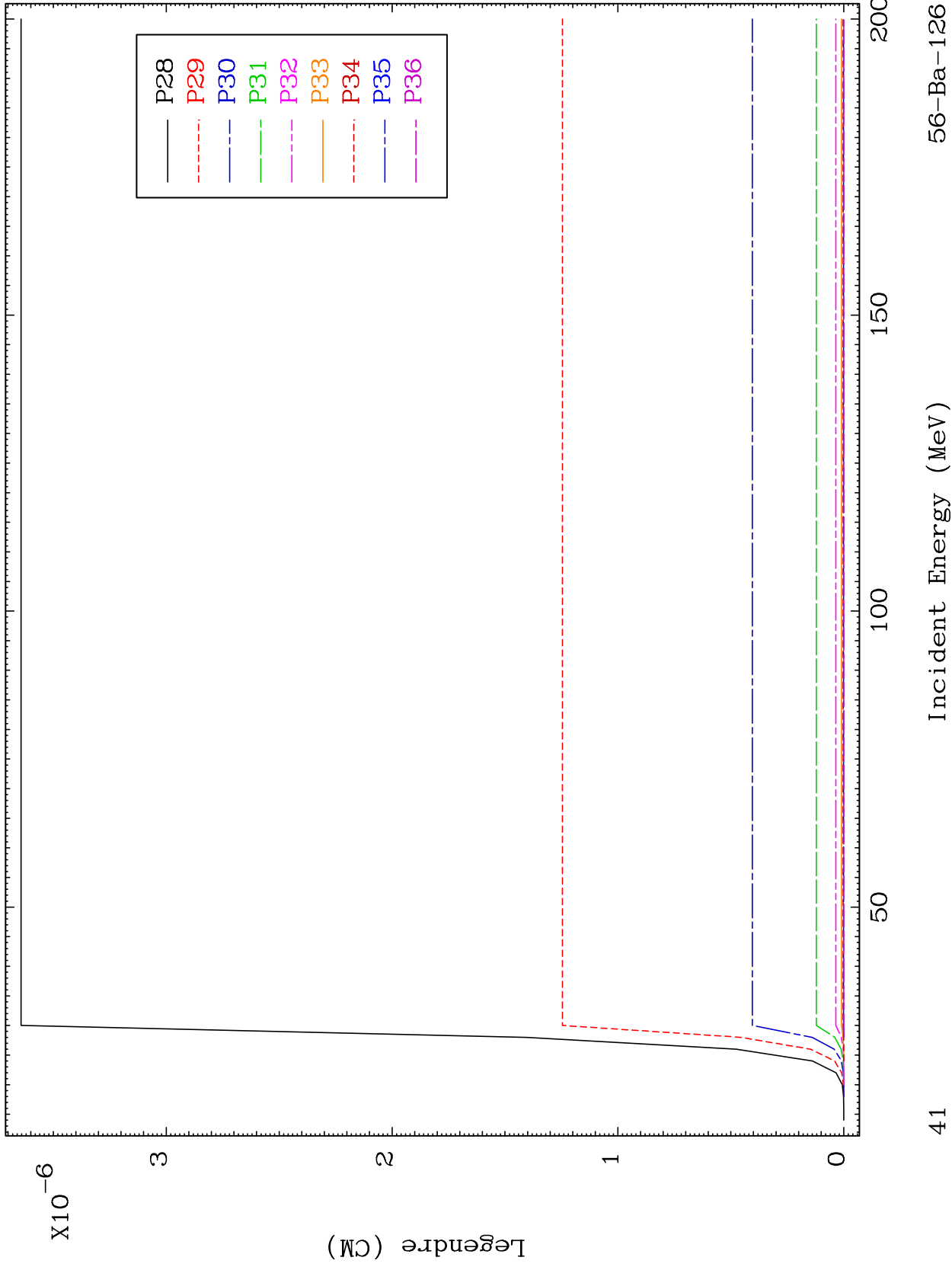




MAT 5613

1.296 MeV (n,n') Level
Legendre Coefficients

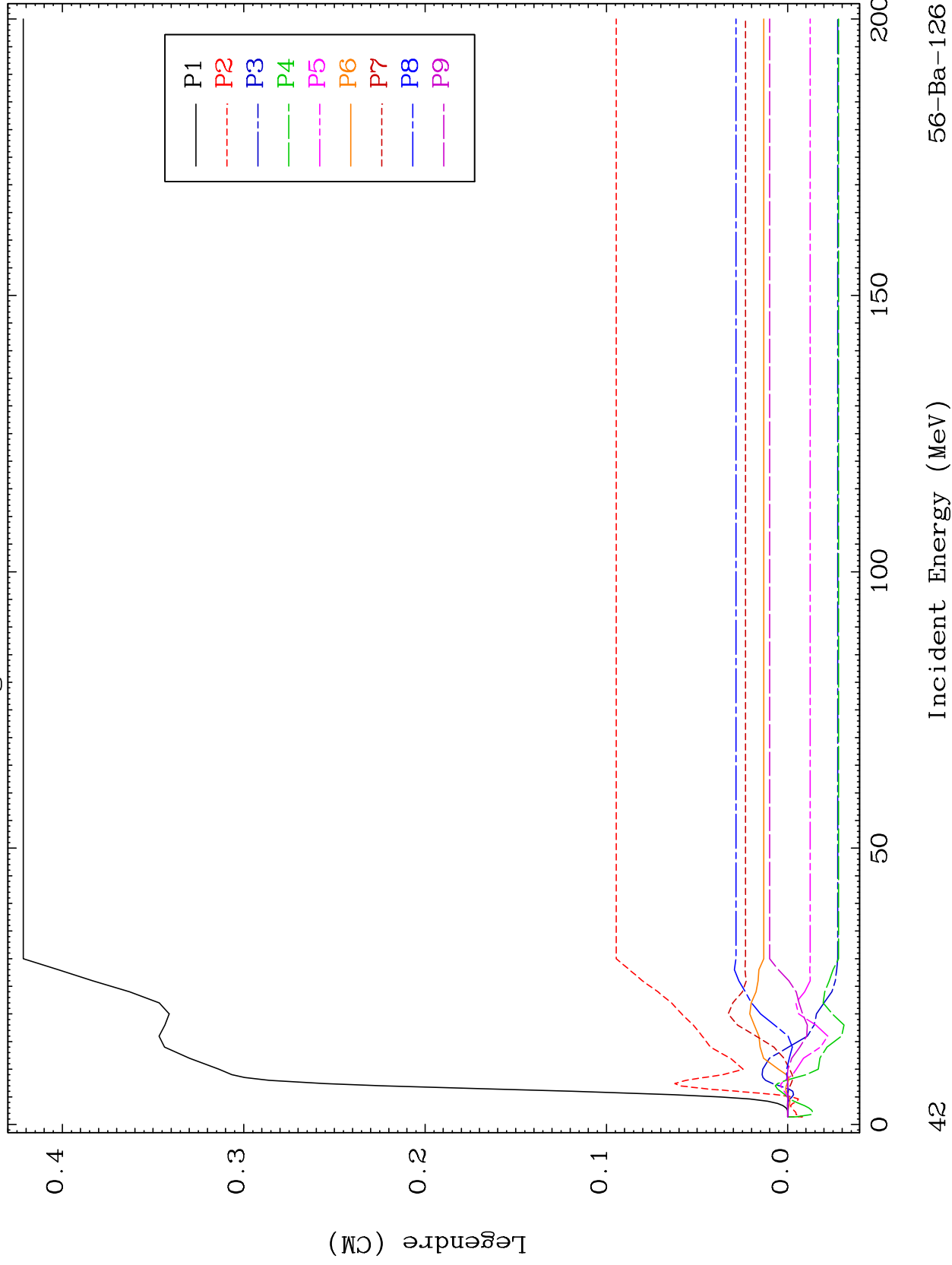
56-Ba-126



MAT 5613

1.332 MeV (n, n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

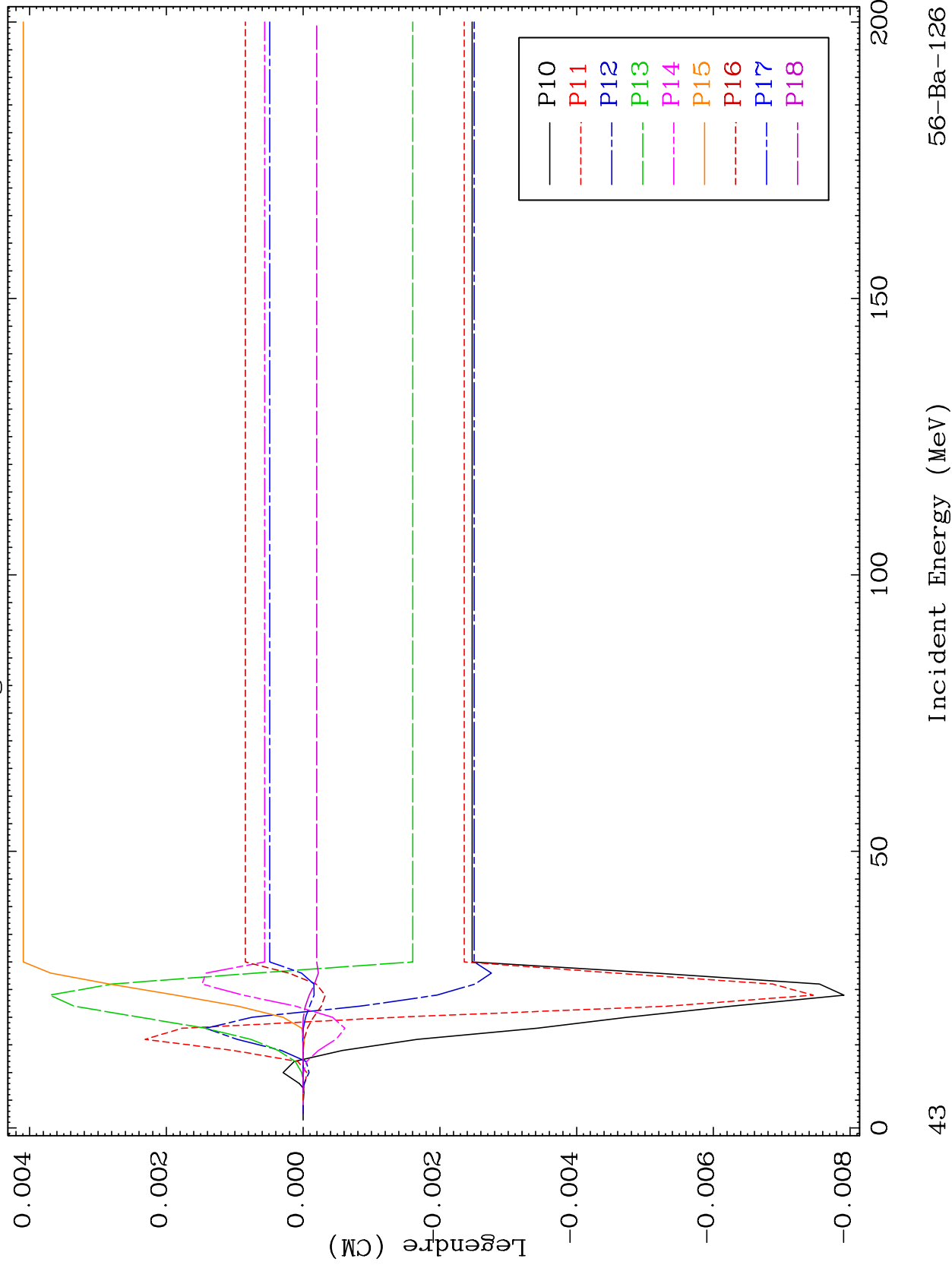
Incident Energy (MeV)

42

MAT 5613

1.332 MeV (n,n') Level
Legendre Coefficients

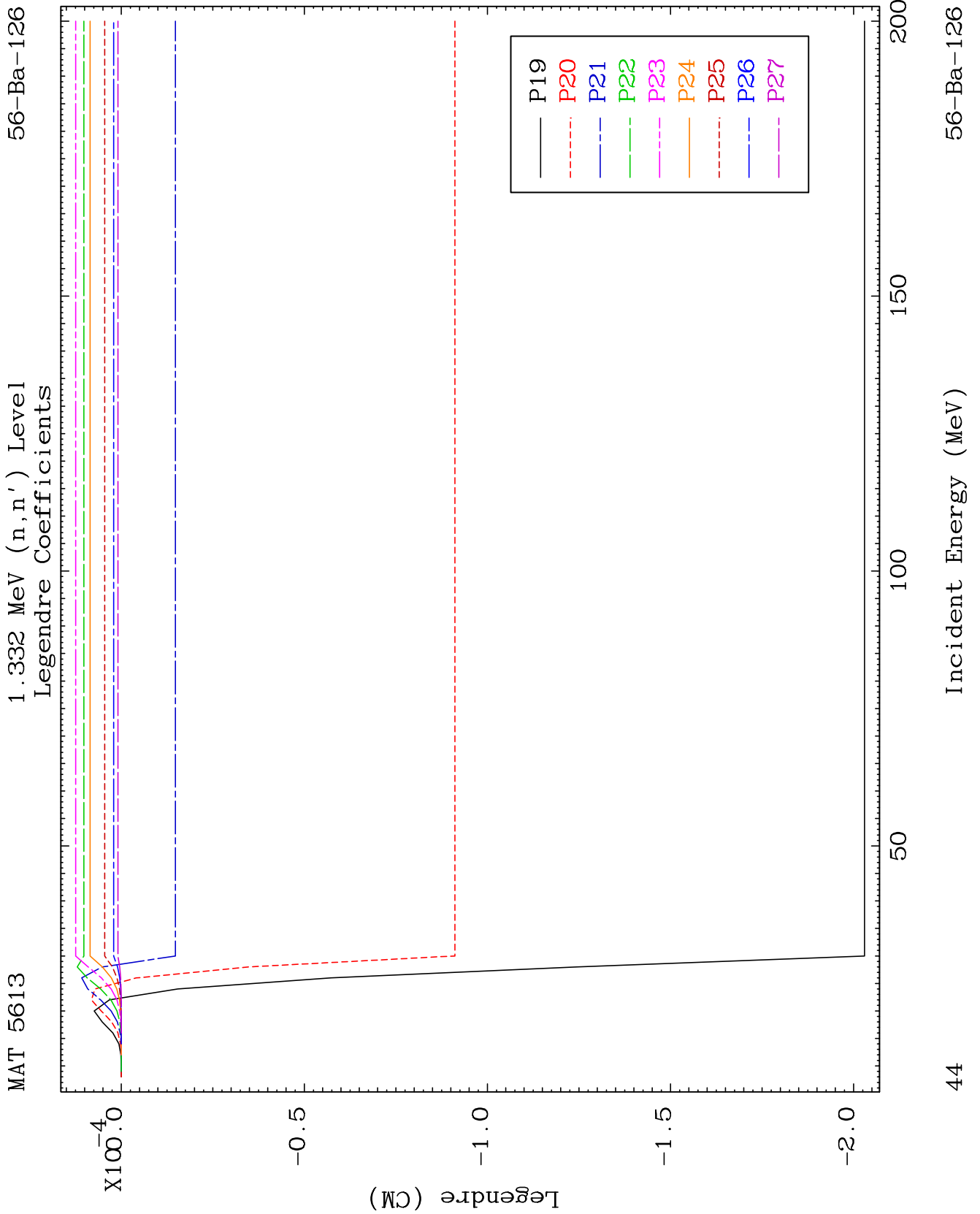
56-Ba-126



43

Incident Energy (MeV)

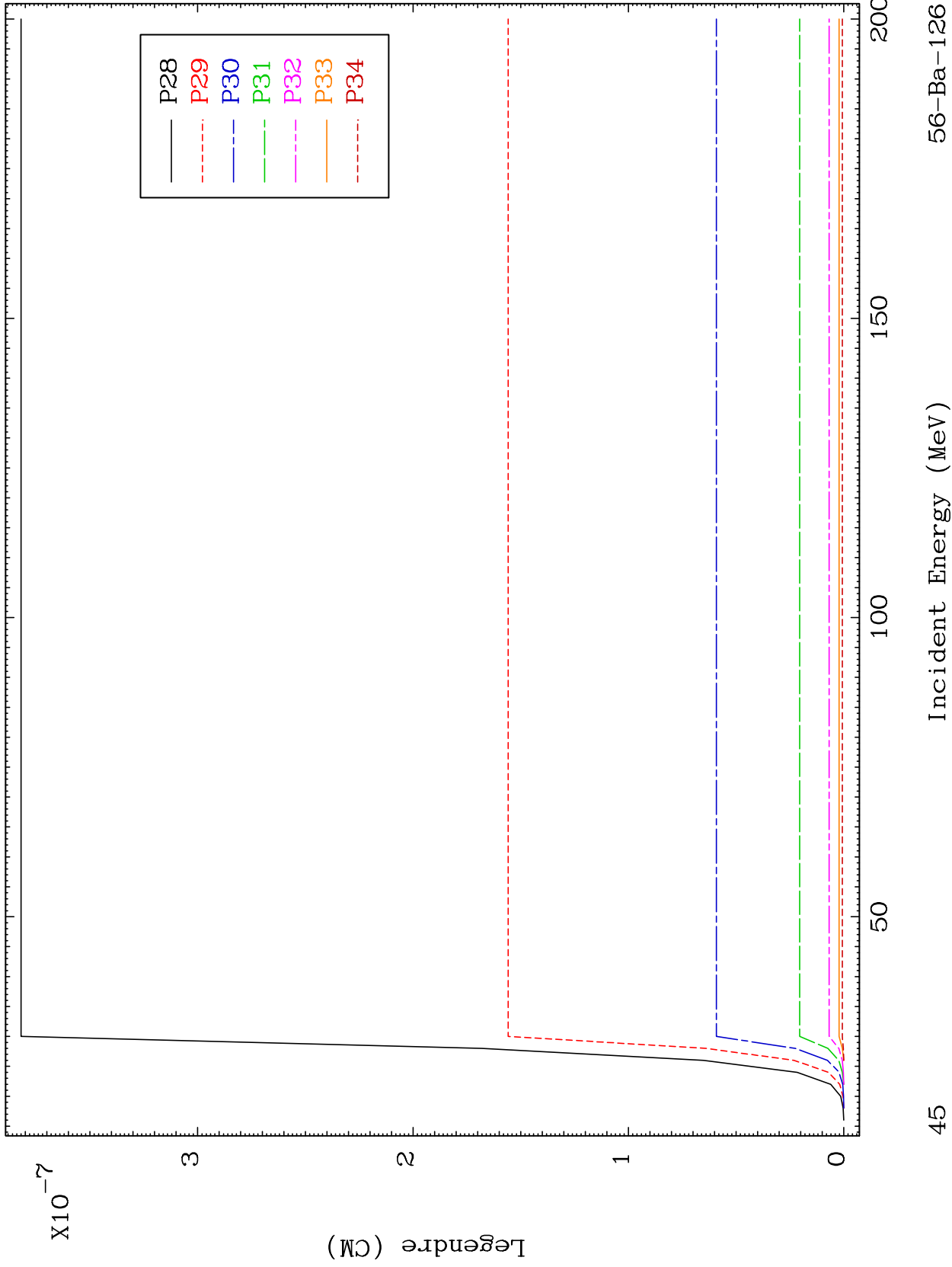
56-Ba-126



MAT 5613

1.332 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



45

Incident Energy (MeV)

50

100

150

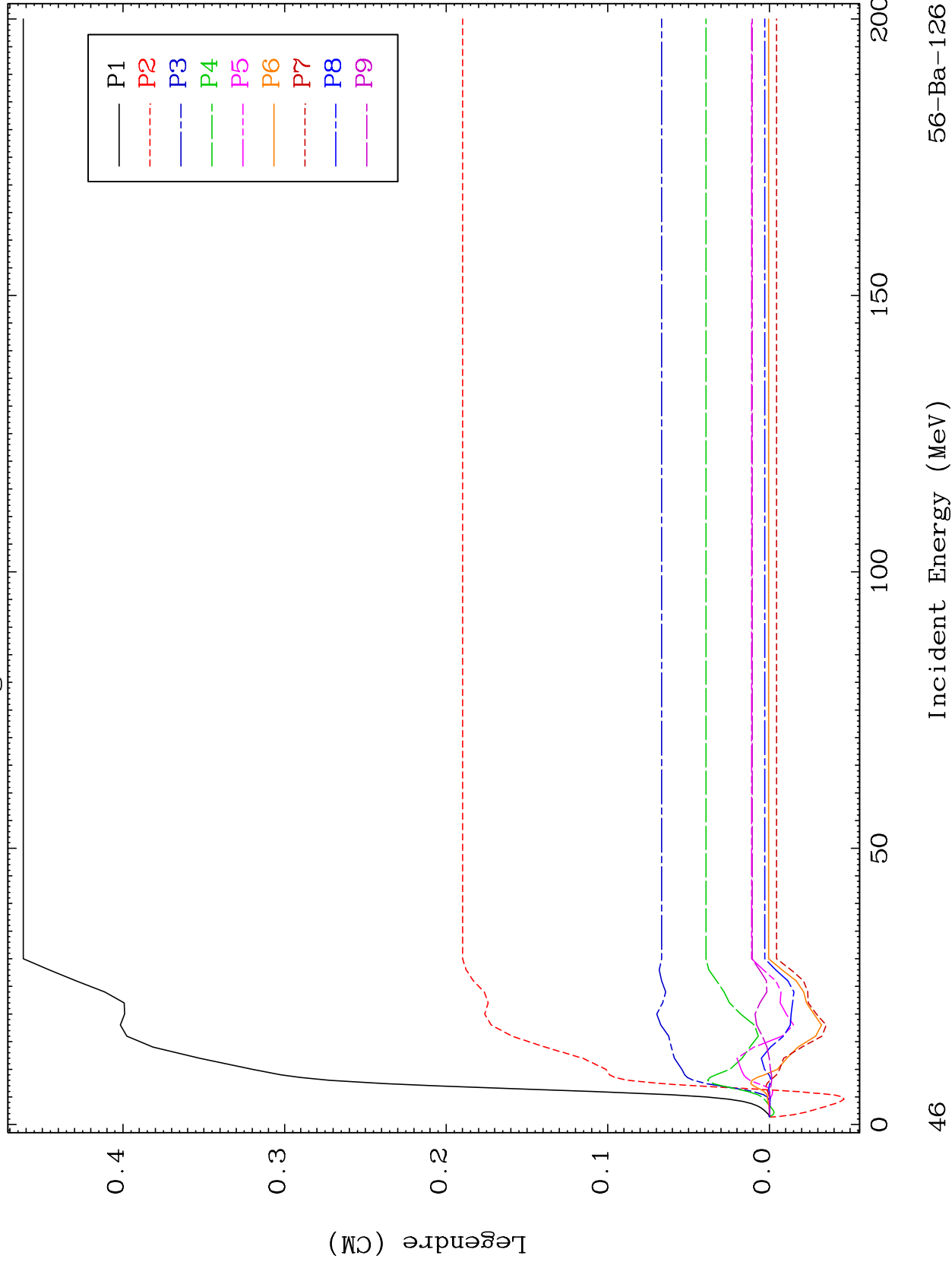
200

56-Ba-126

MAT 5613

1.345 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

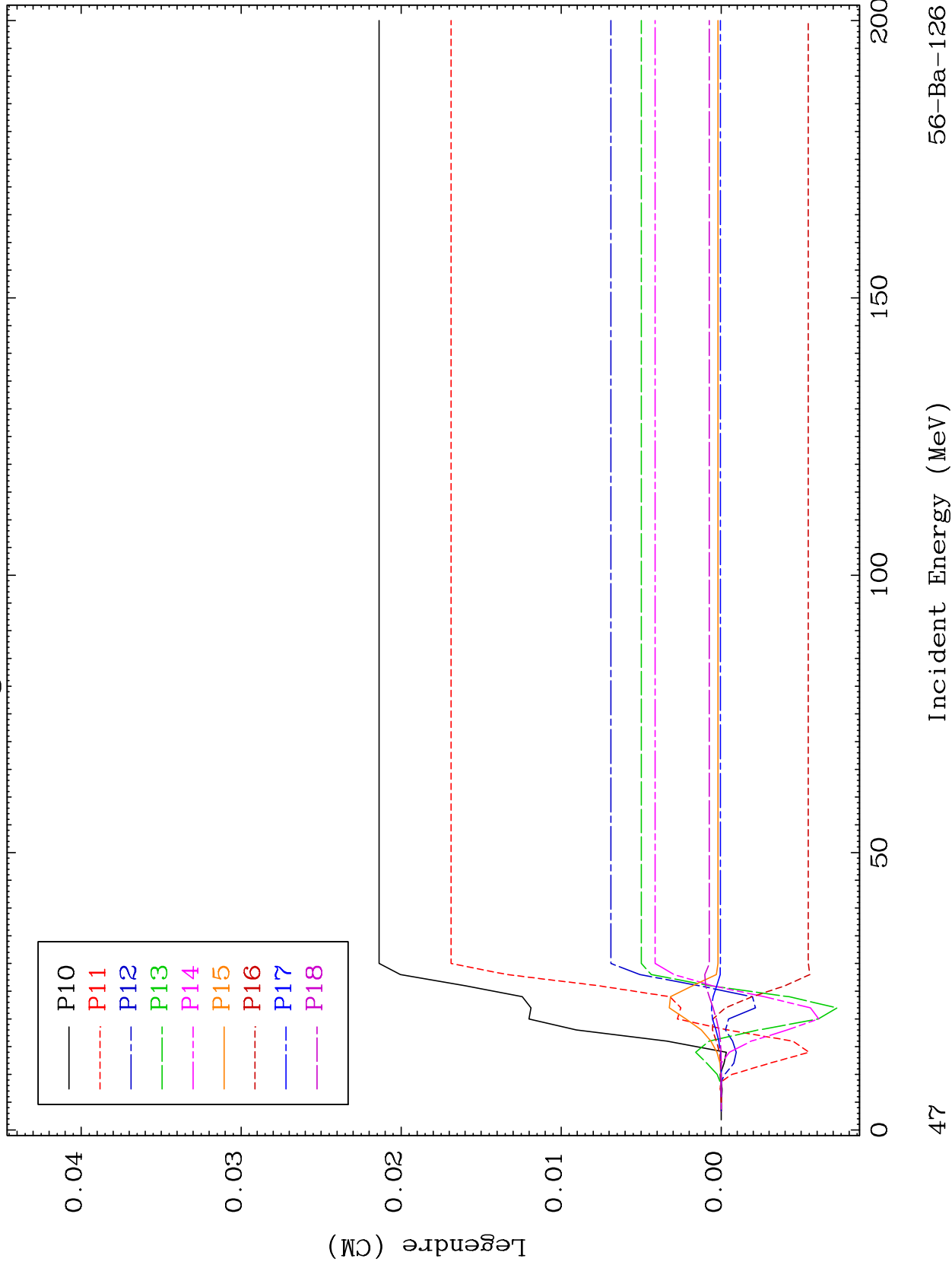
Incident Energy (MeV)

46

MAT 5613

1.345 MeV (n, n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

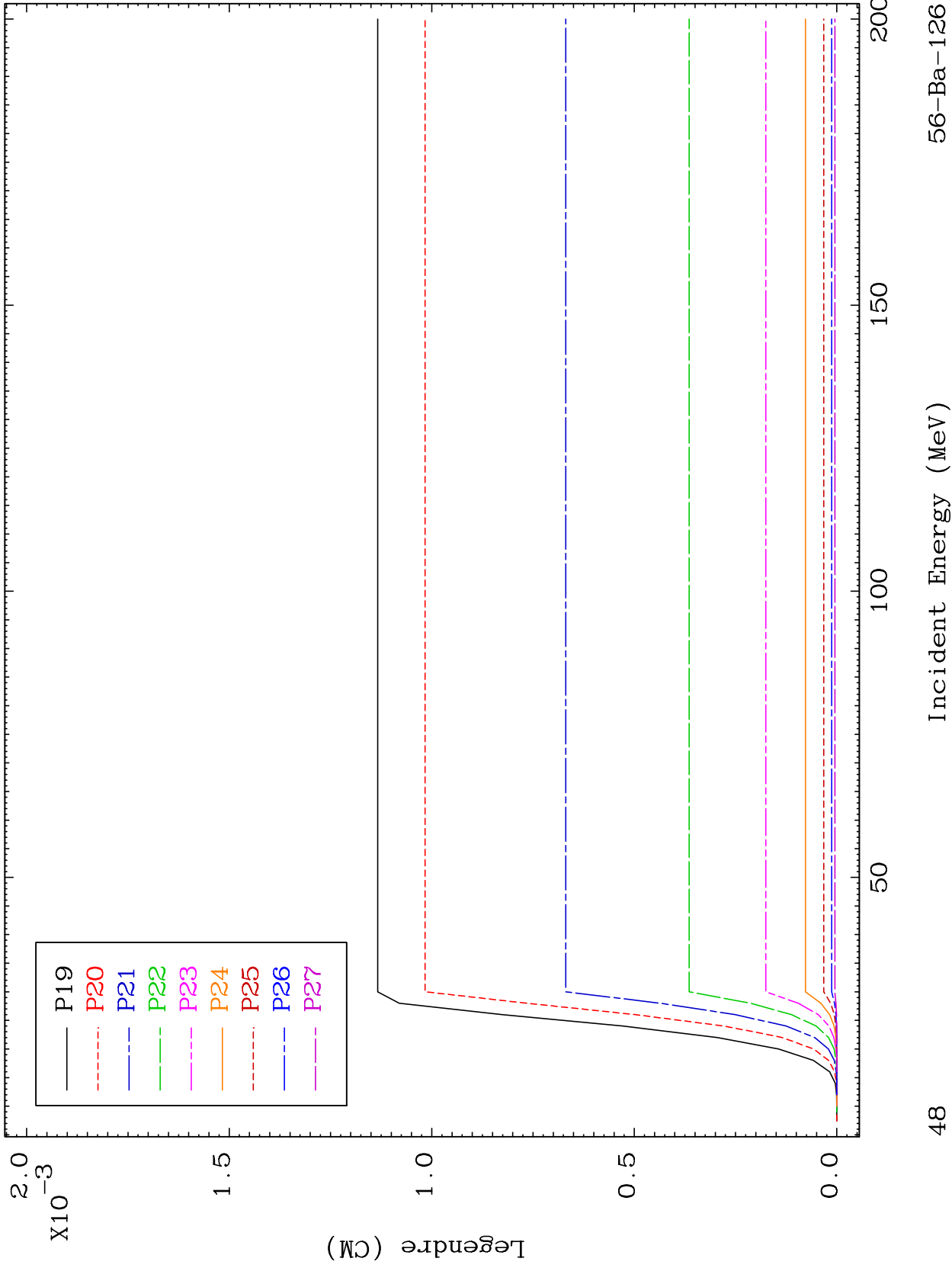
Incident Energy (MeV)

47

MAT 5613

1.345 MeV (n, n') Level
Legendre Coefficients

56-Ba-126



48

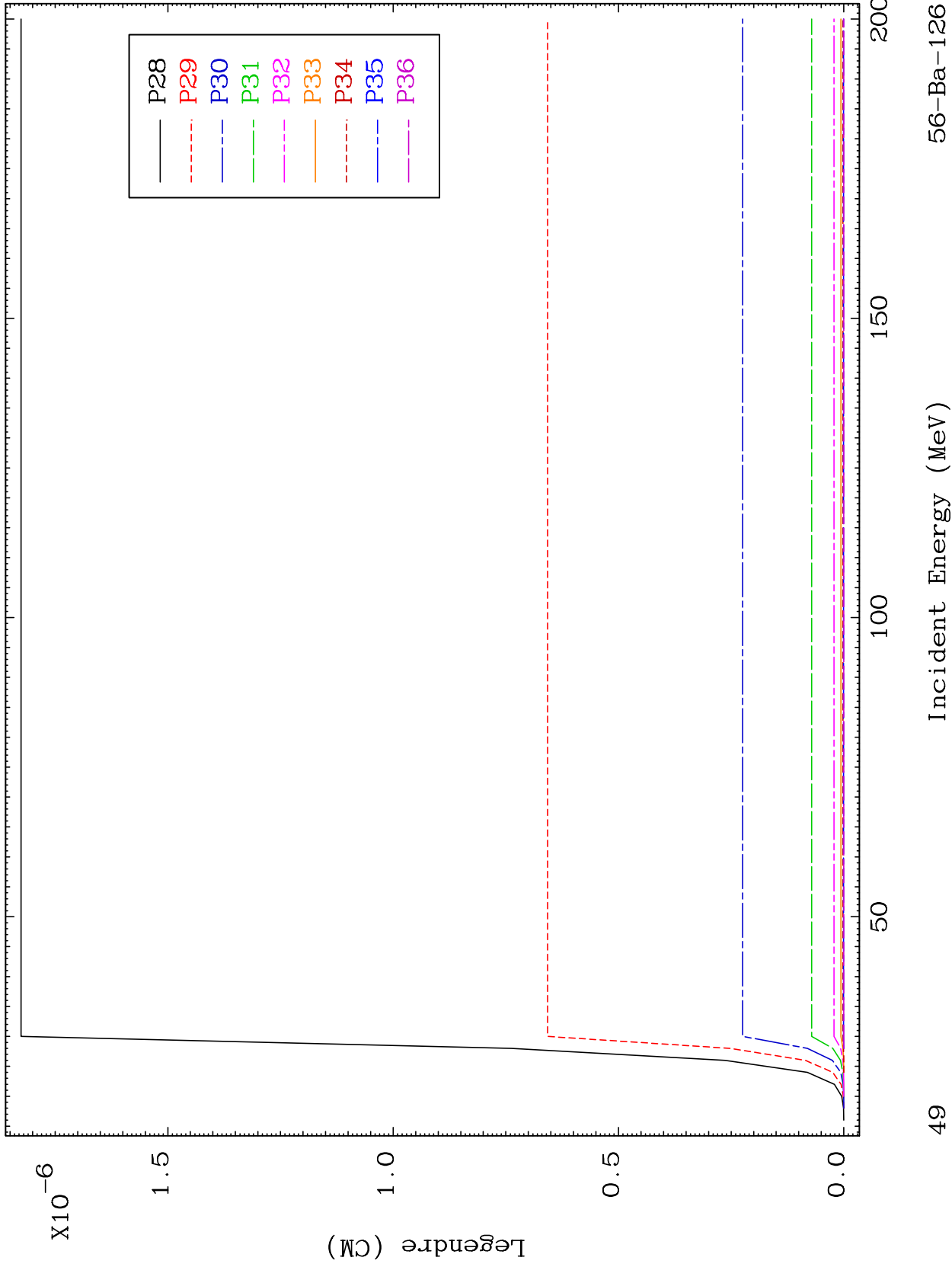
Incident Energy (MeV)

56-Ba-126

MAT 5613

1.345 MeV (n, n') Level
Legendre Coefficients

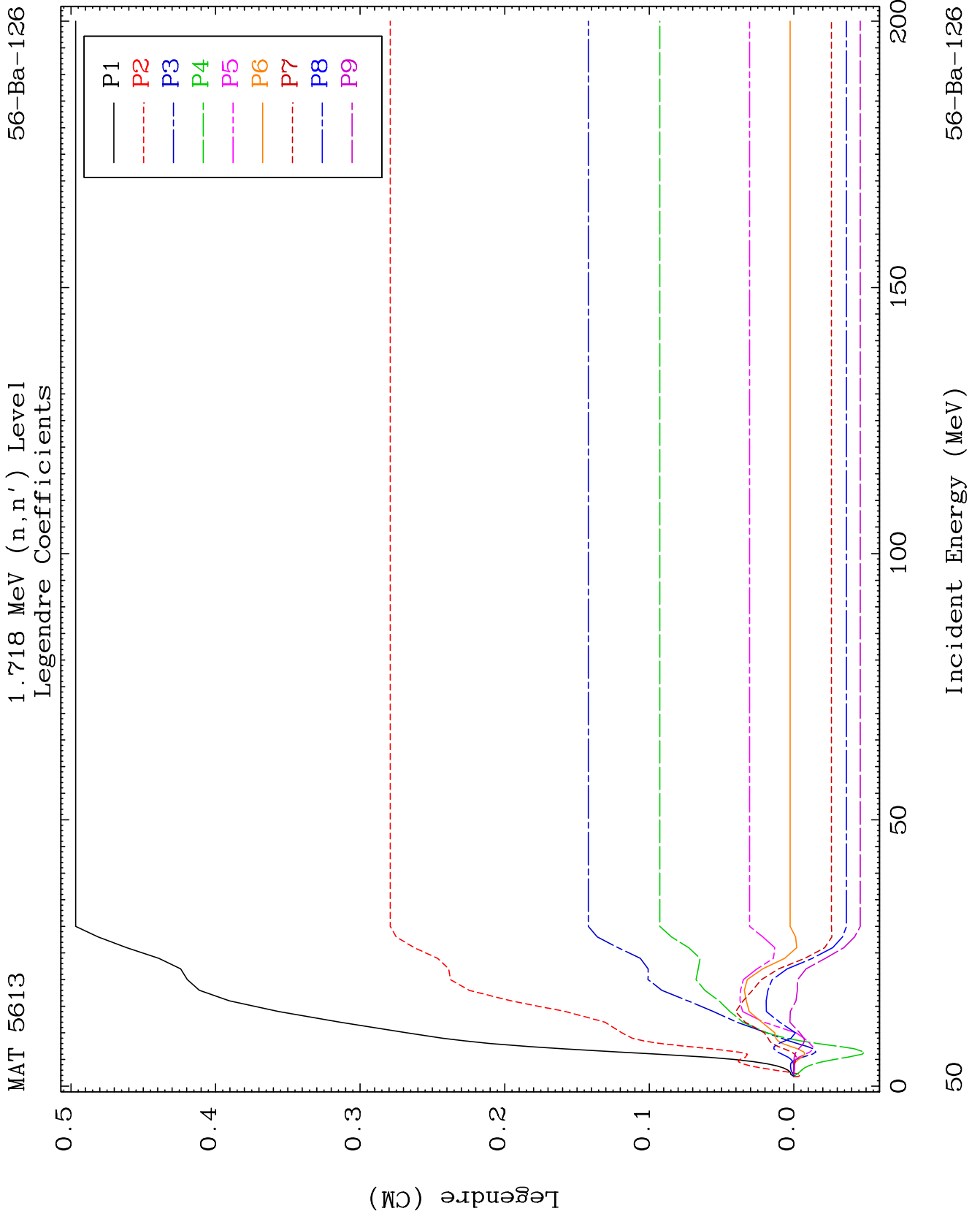
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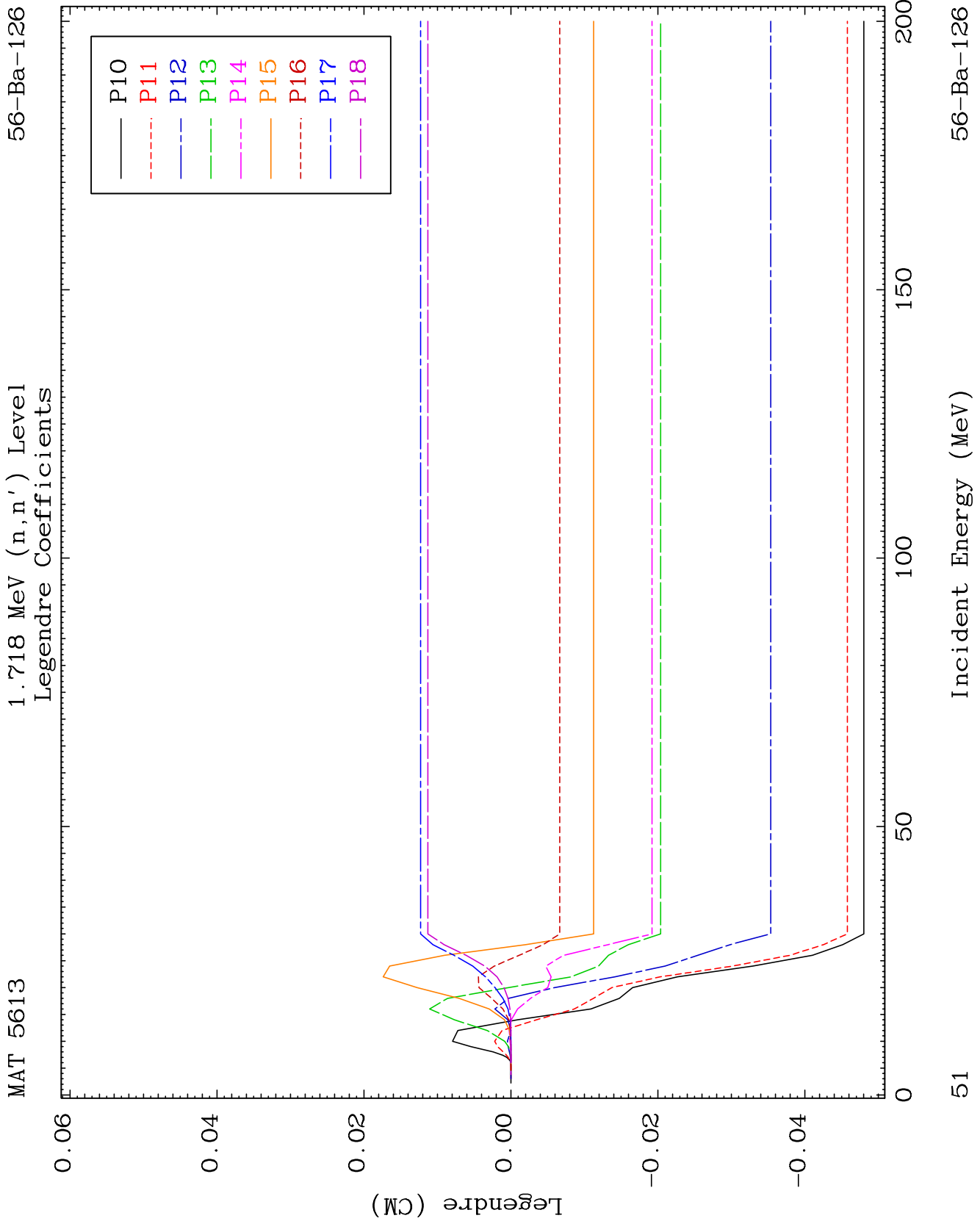


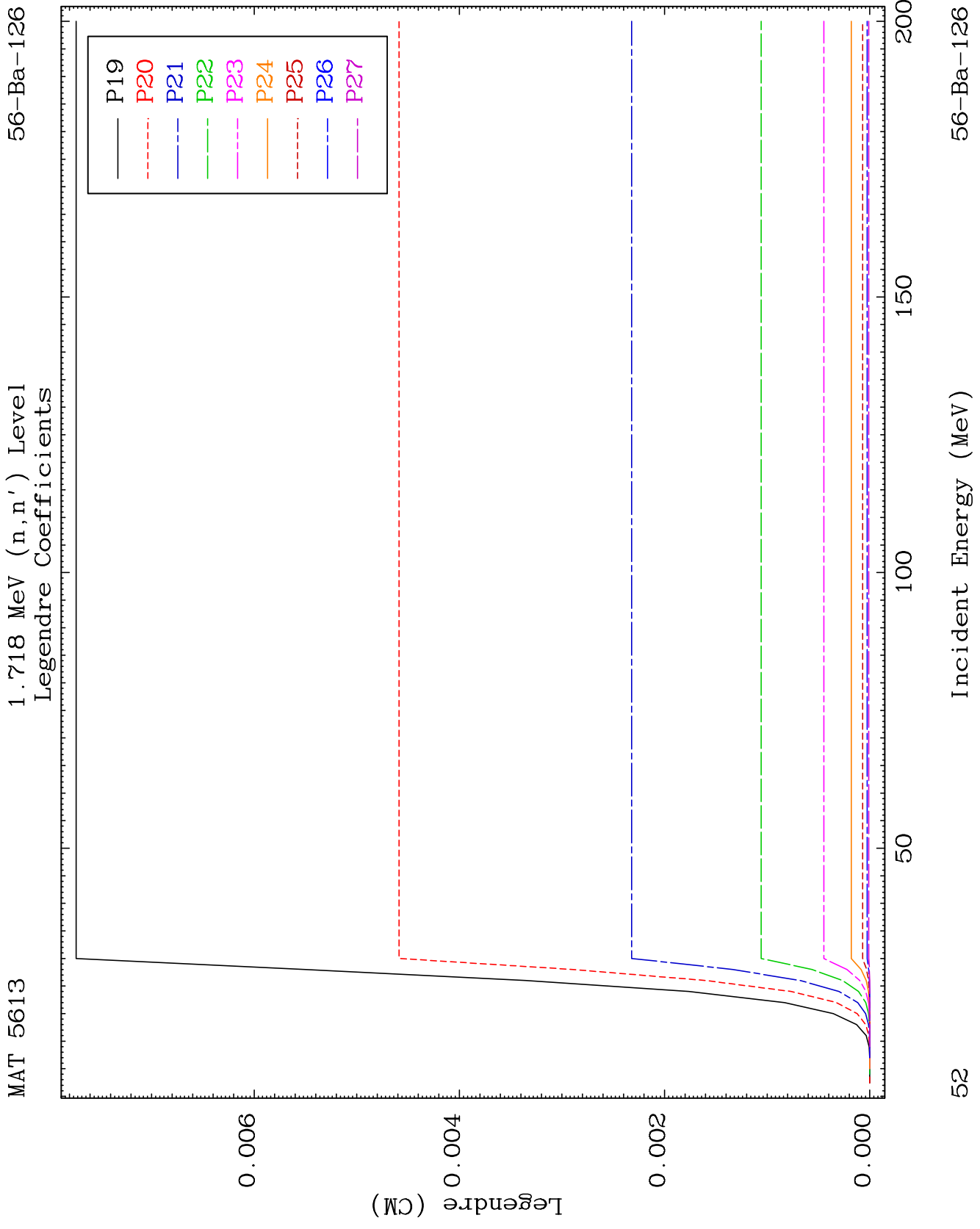
49

Incident Energy (MeV)

56-Ba-126



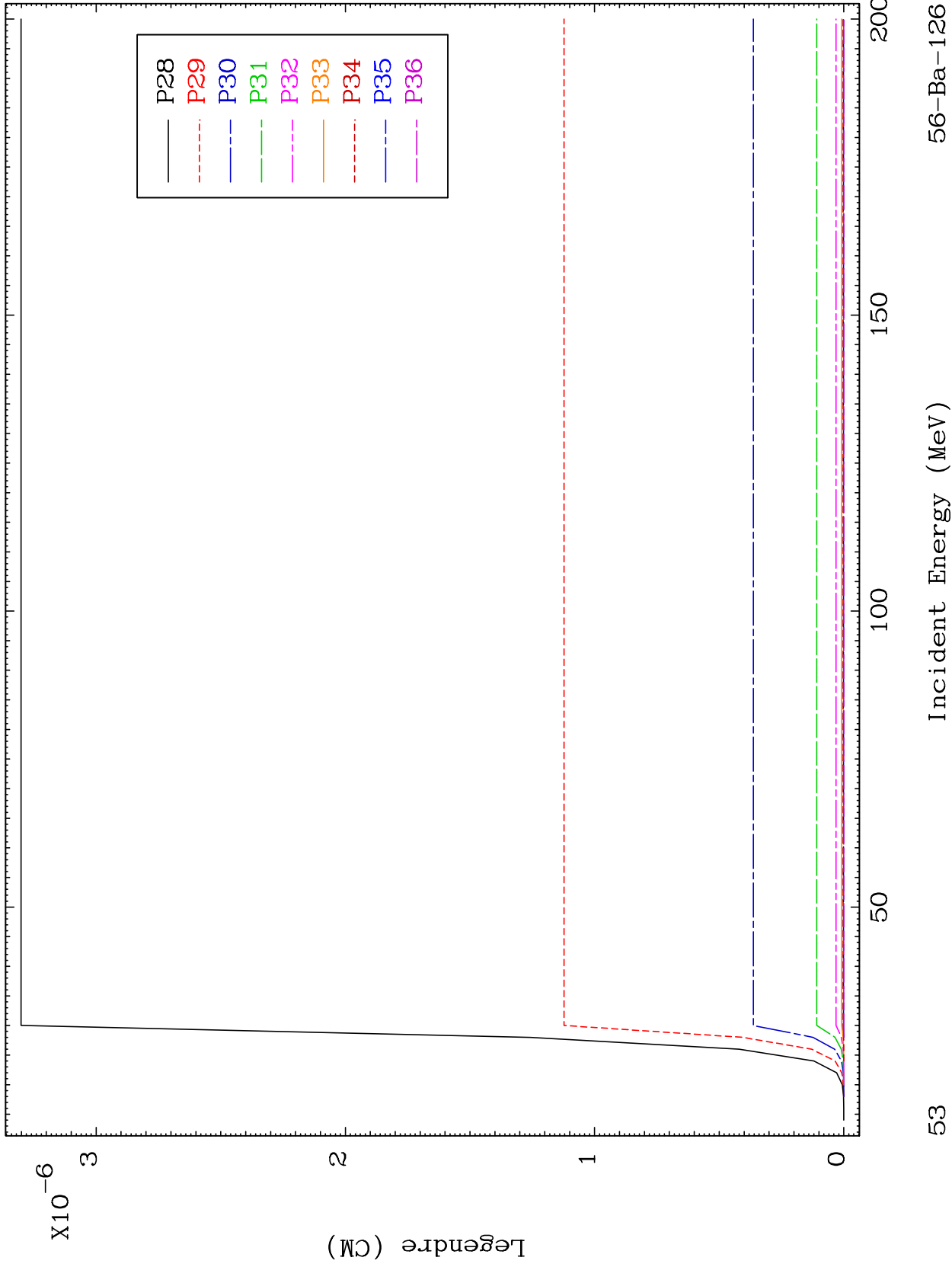




MAT 5613

1.718 MeV (n,n') Level
Legendre Coefficients

56-Ba-126

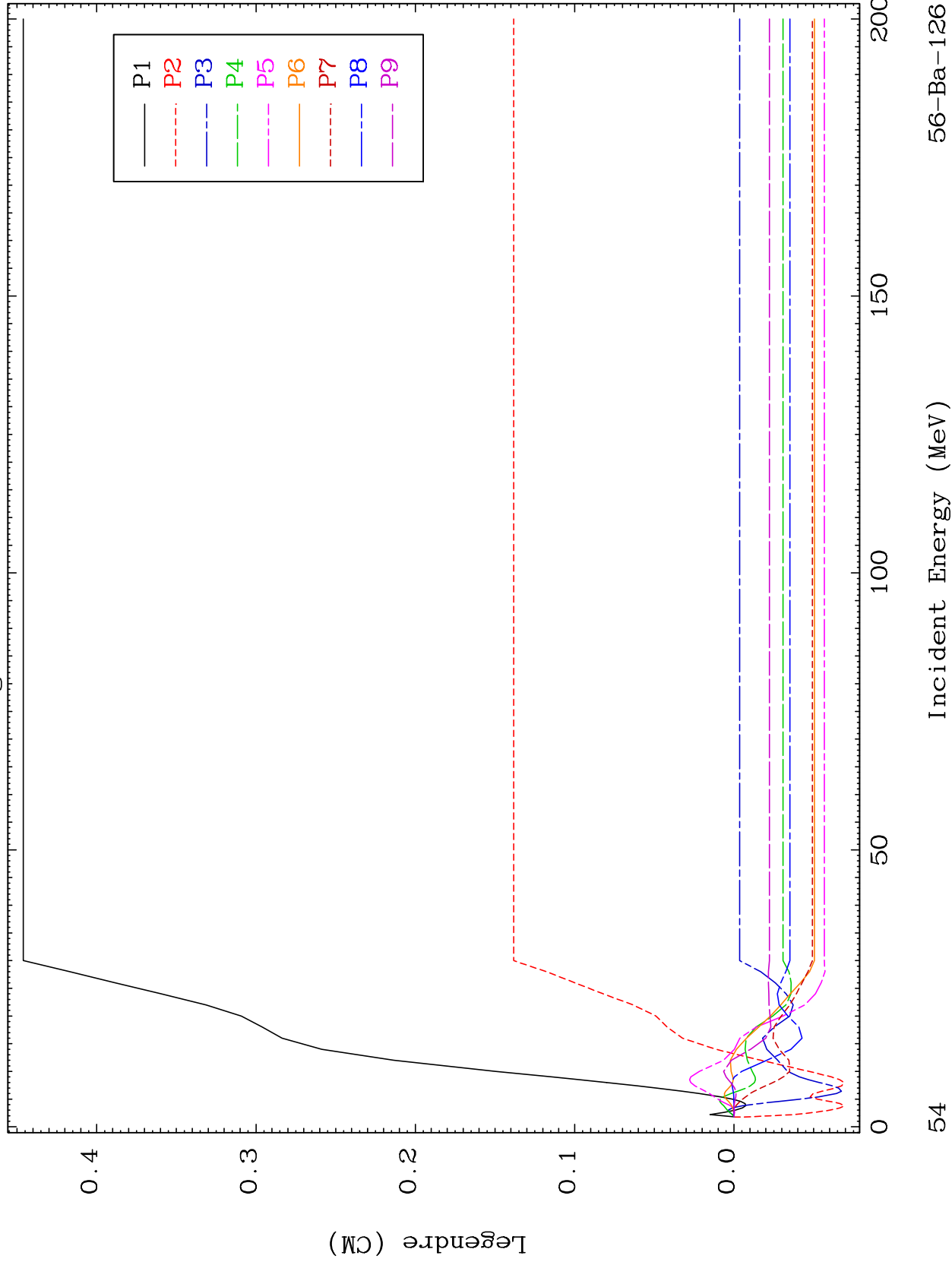


53

MAT 5613

1.743 MeV (n,n') Level
Legendre Coefficients

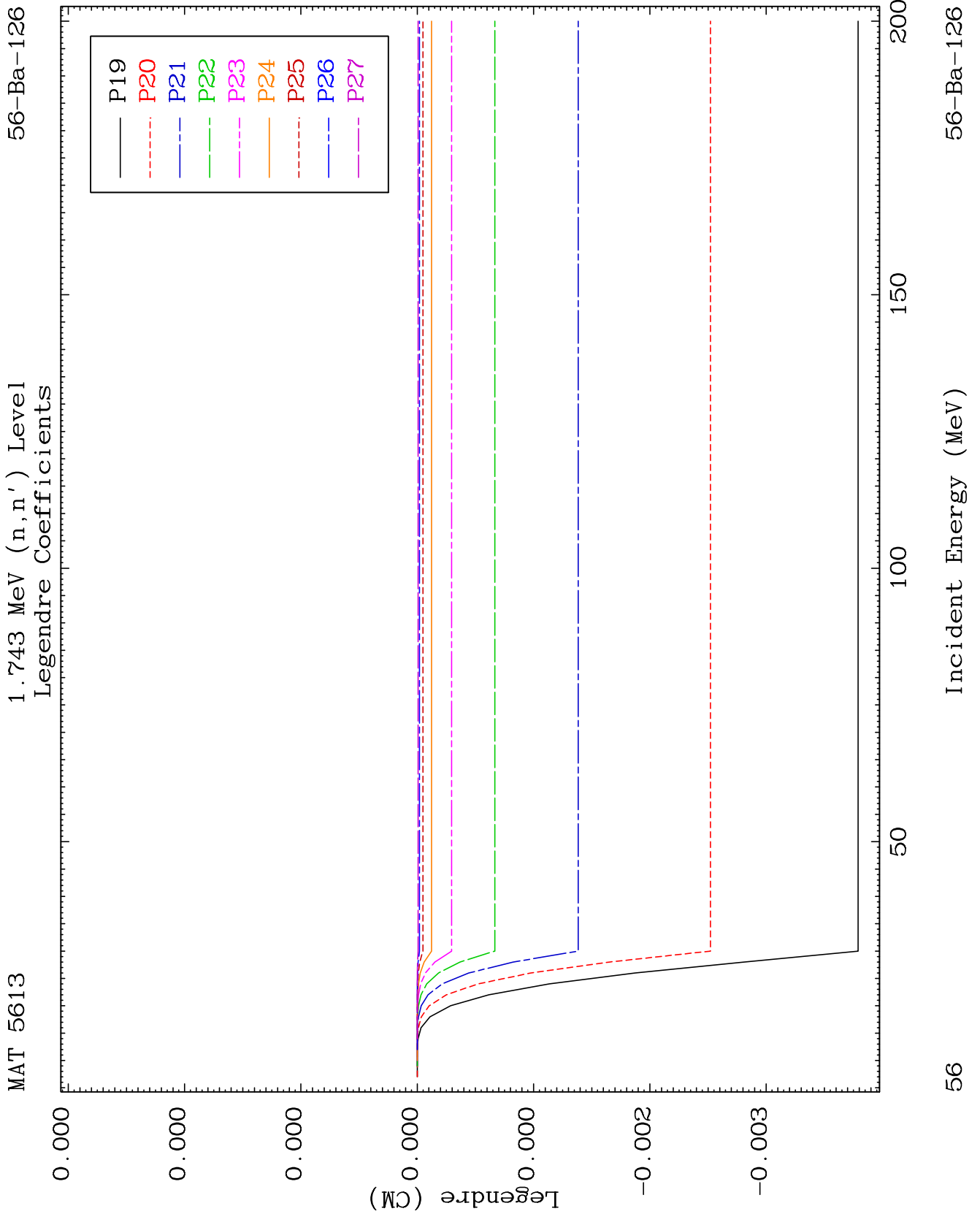
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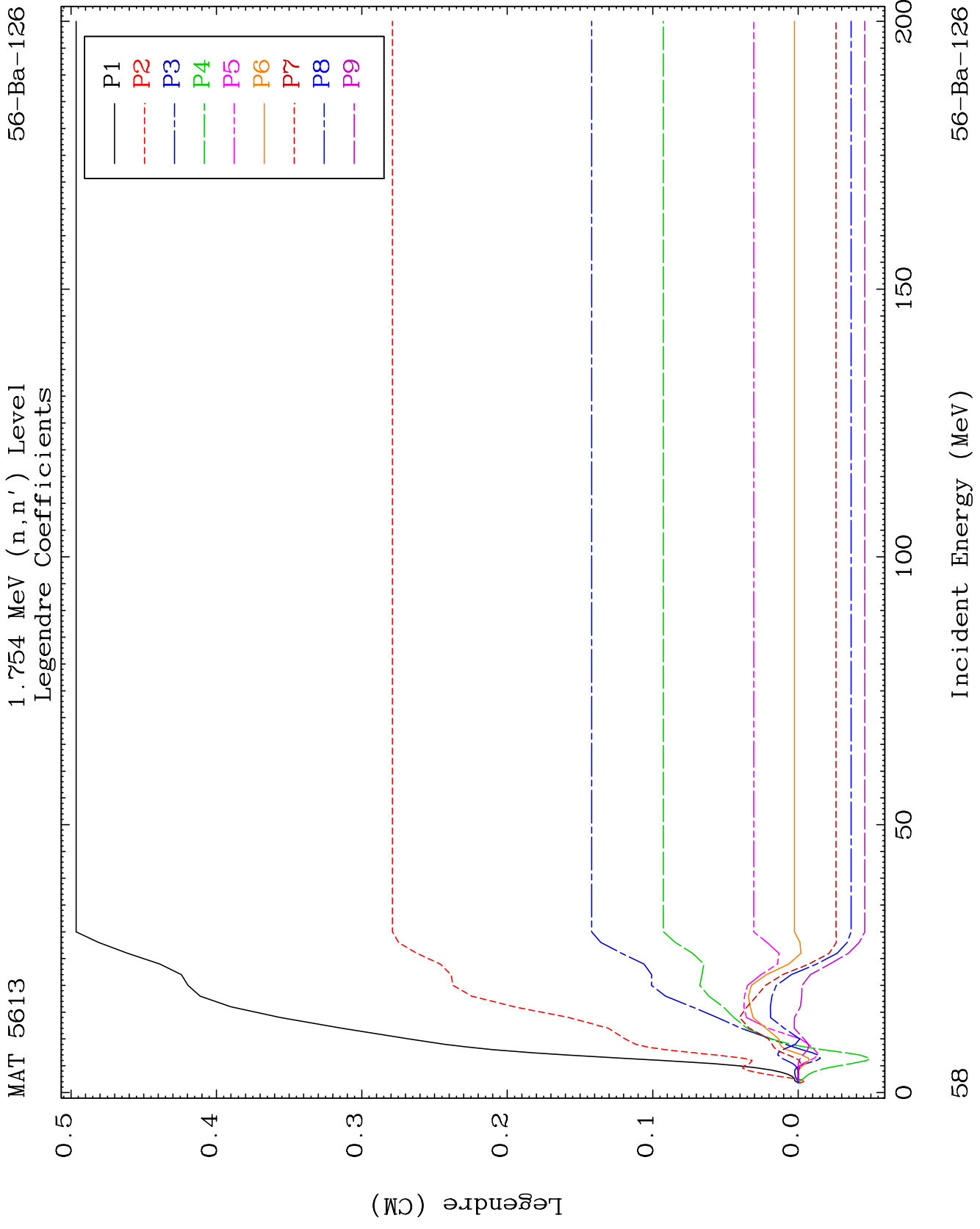


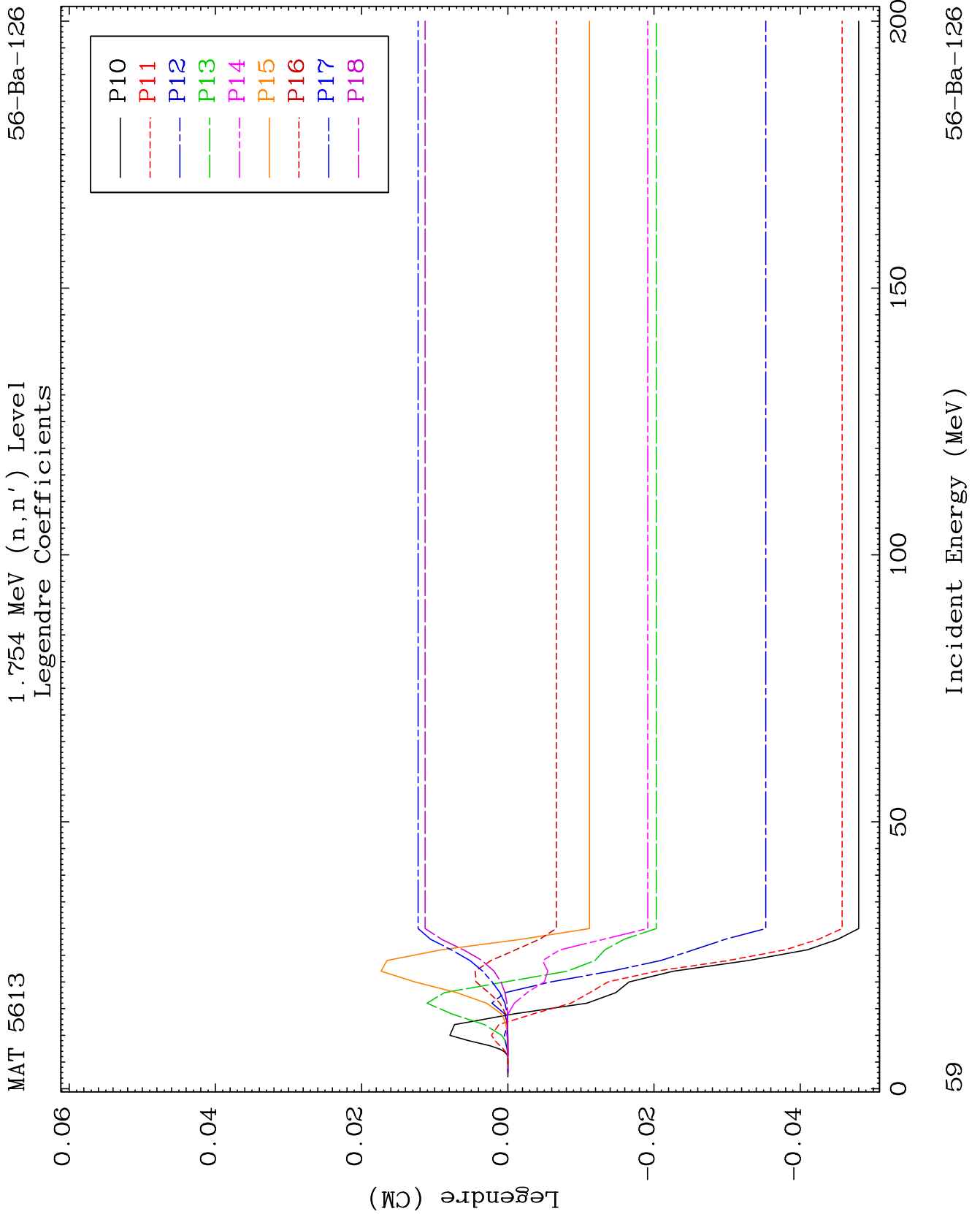
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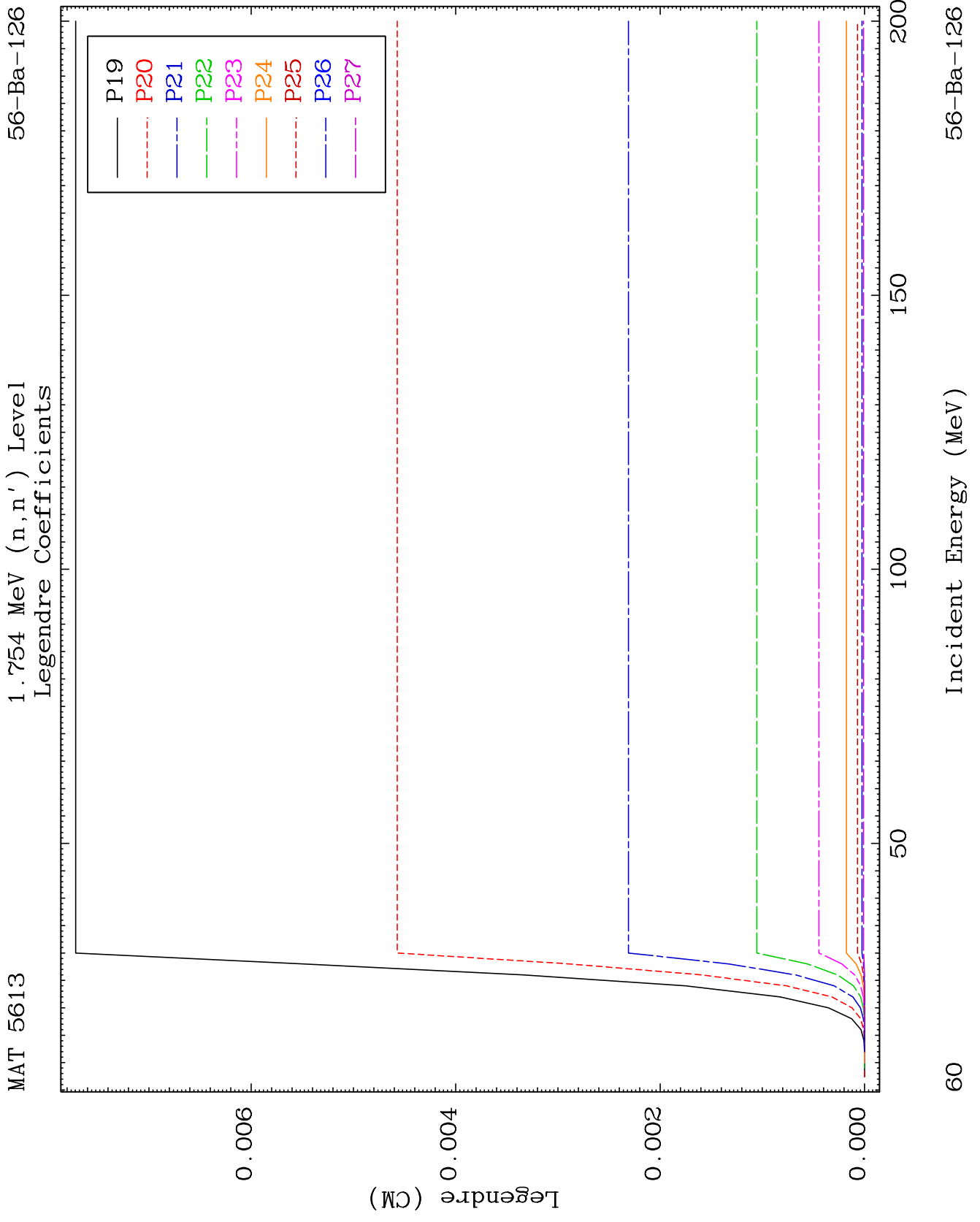
Incident Energy (MeV)

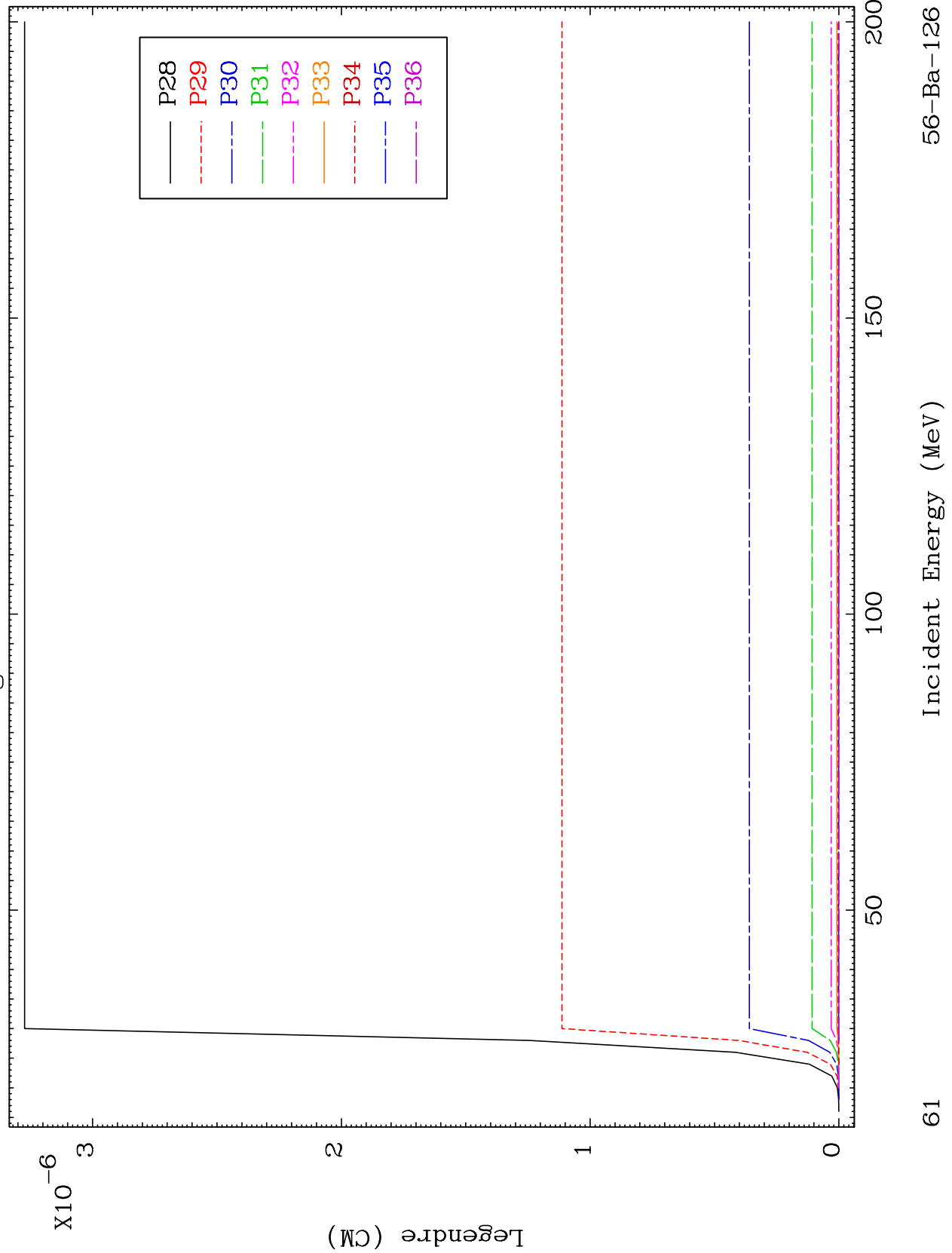
54







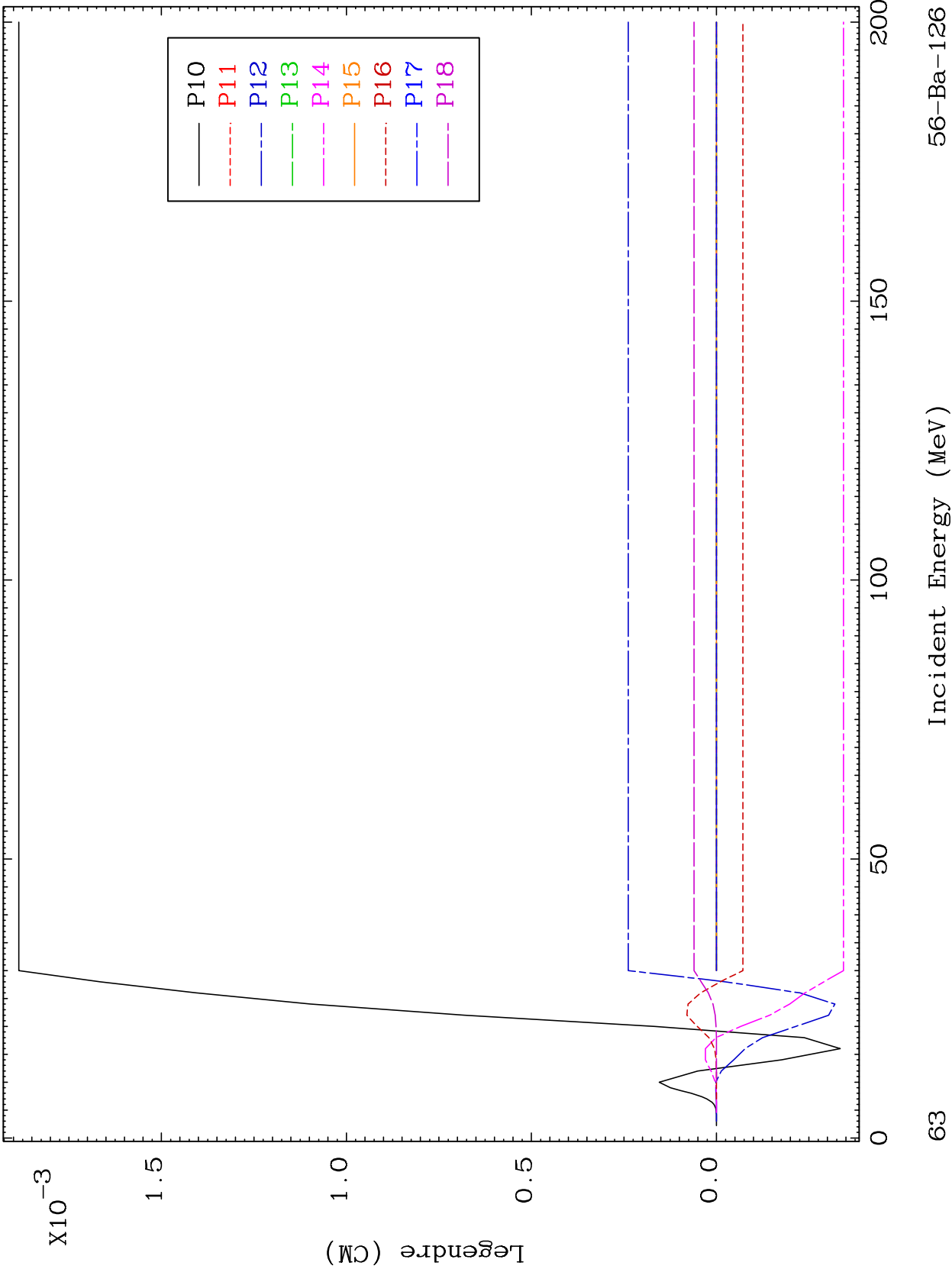




MAT 5613

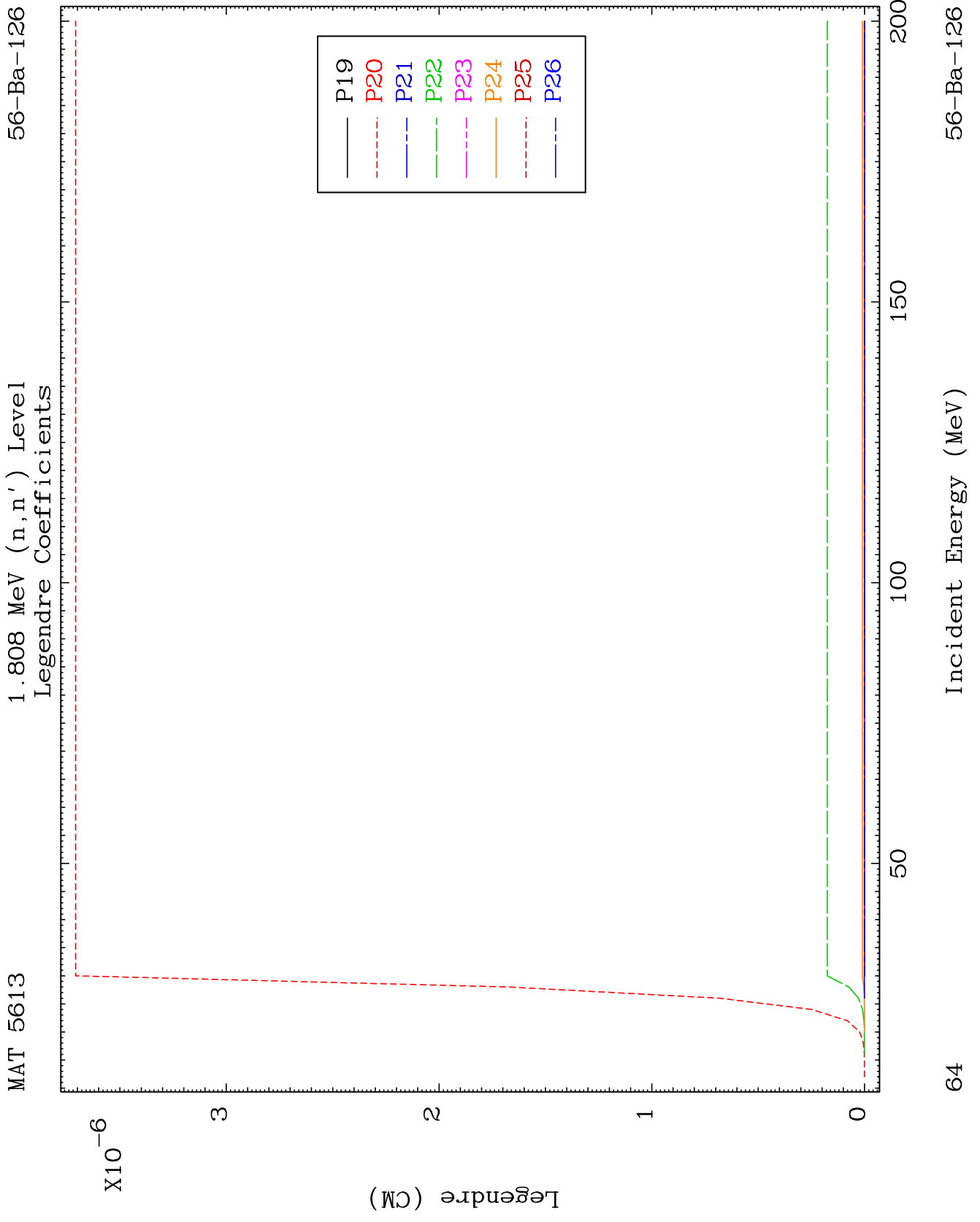
1.808 MeV (n, n') Level
Legendre Coefficients

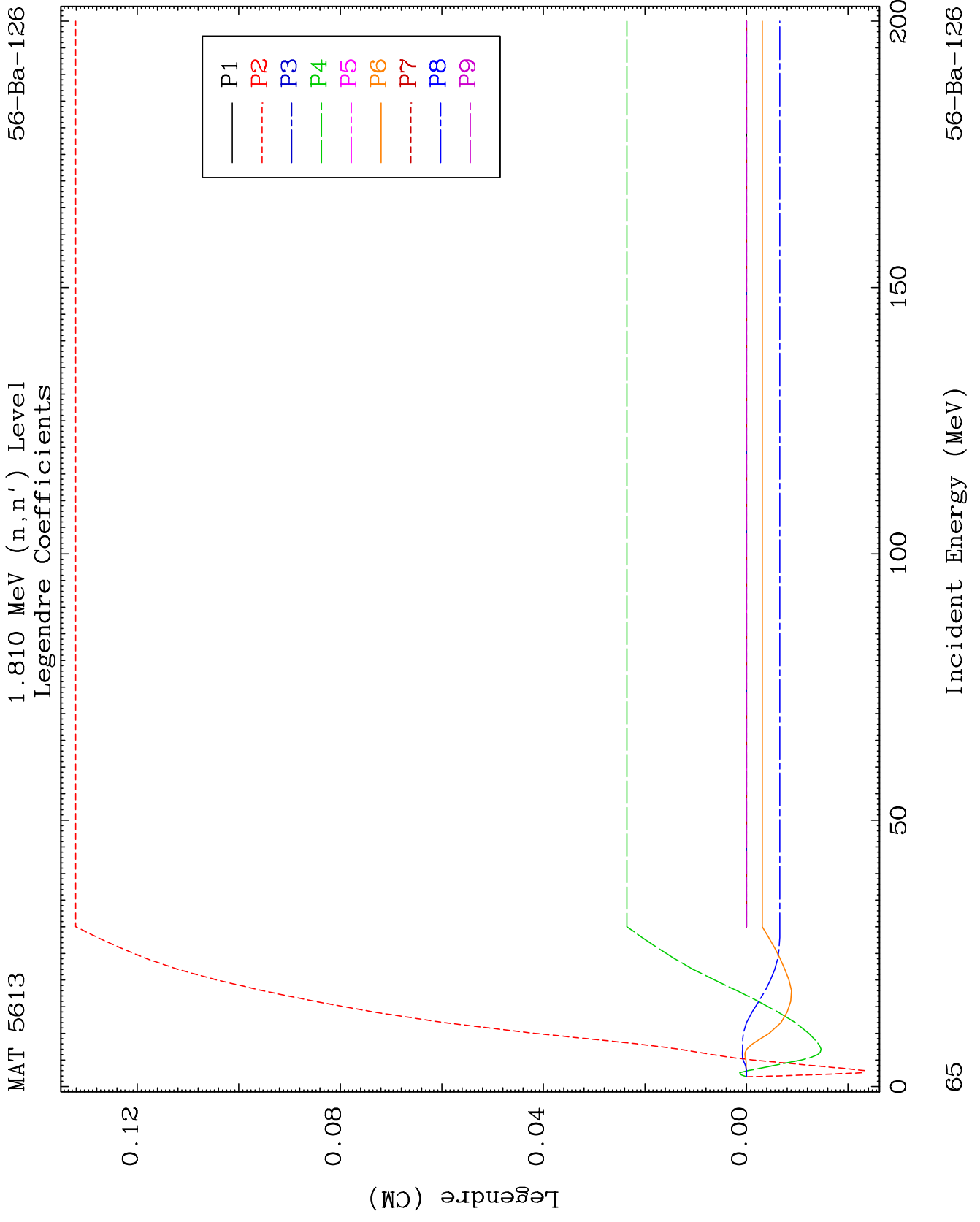
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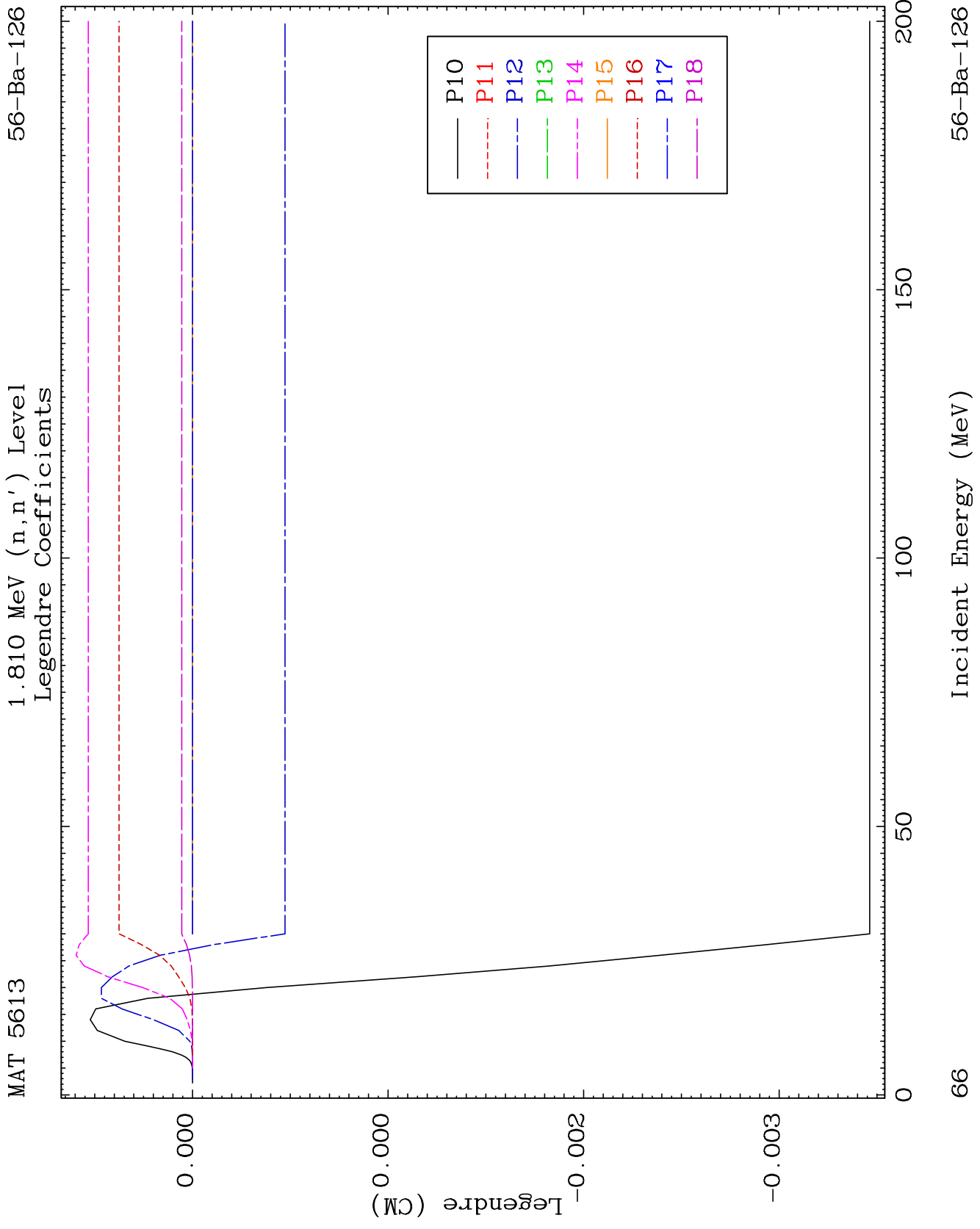


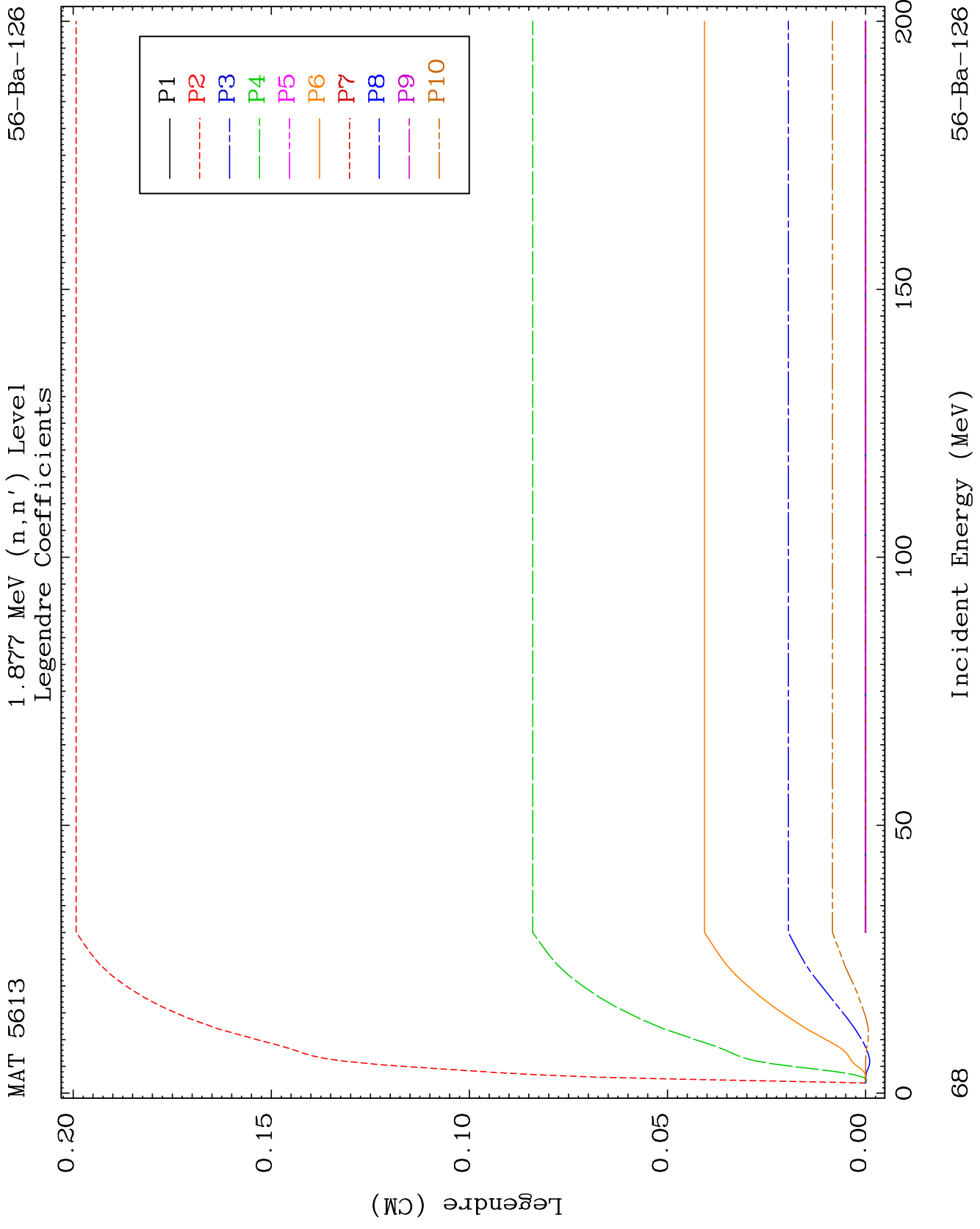
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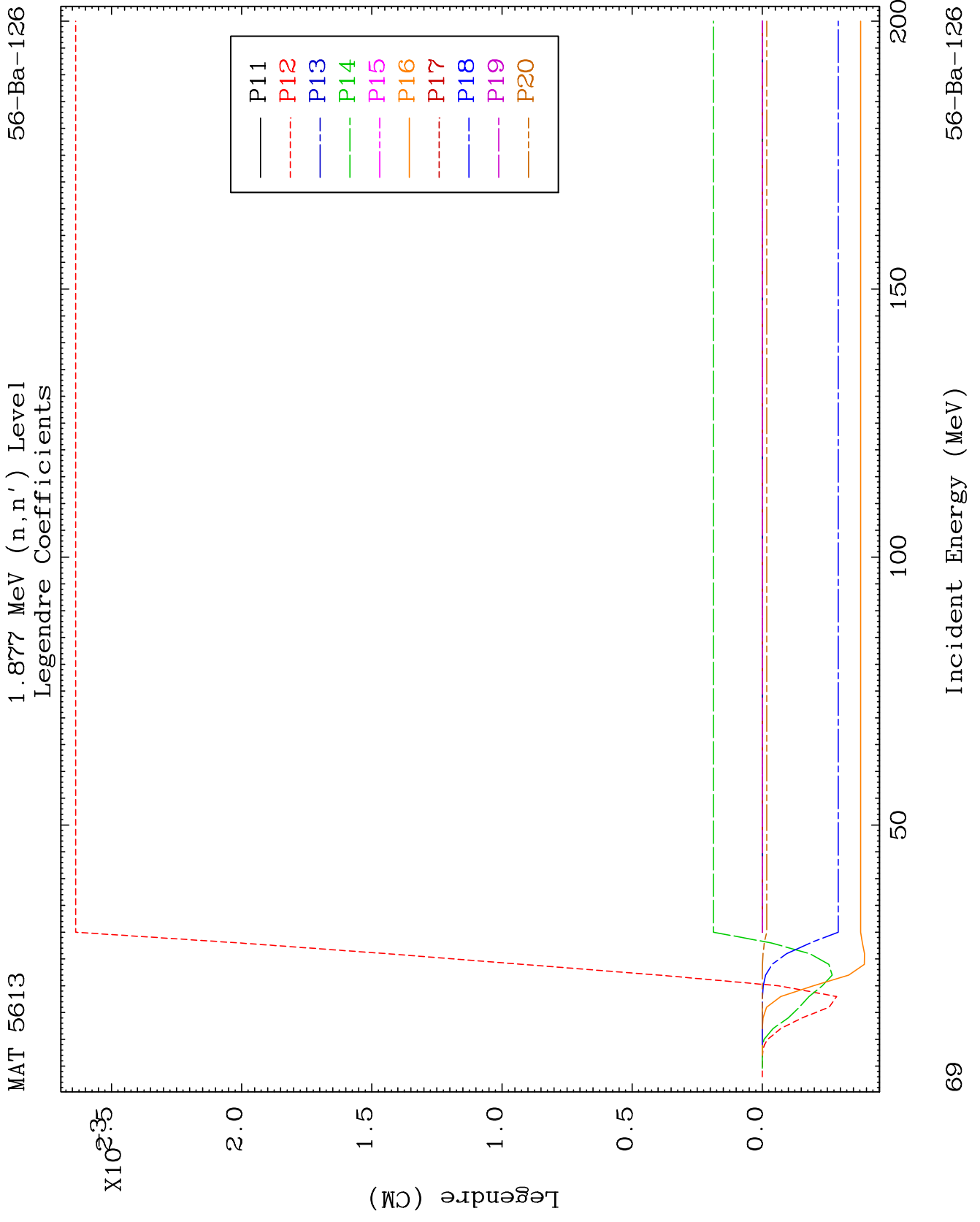
56-Ba-126

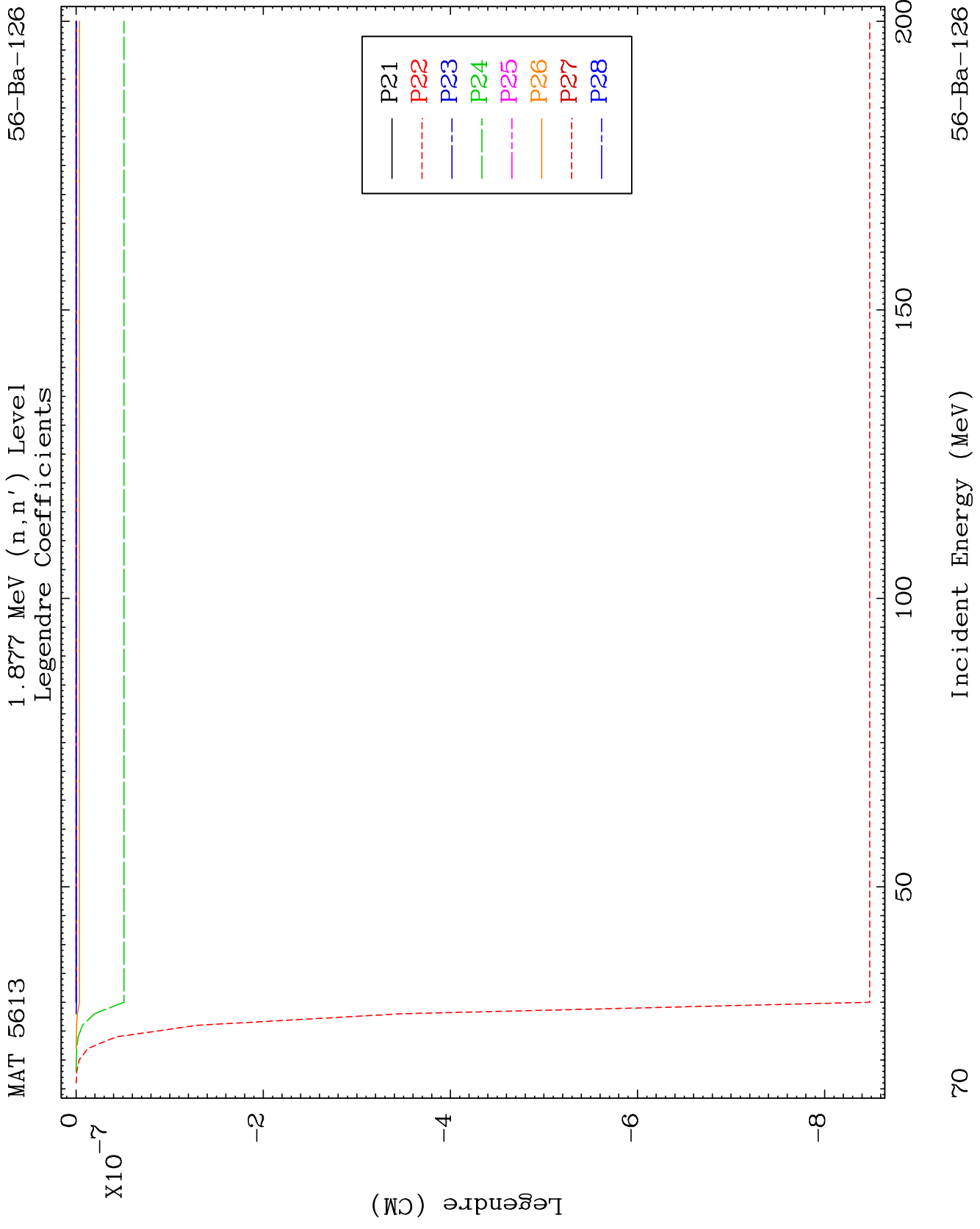








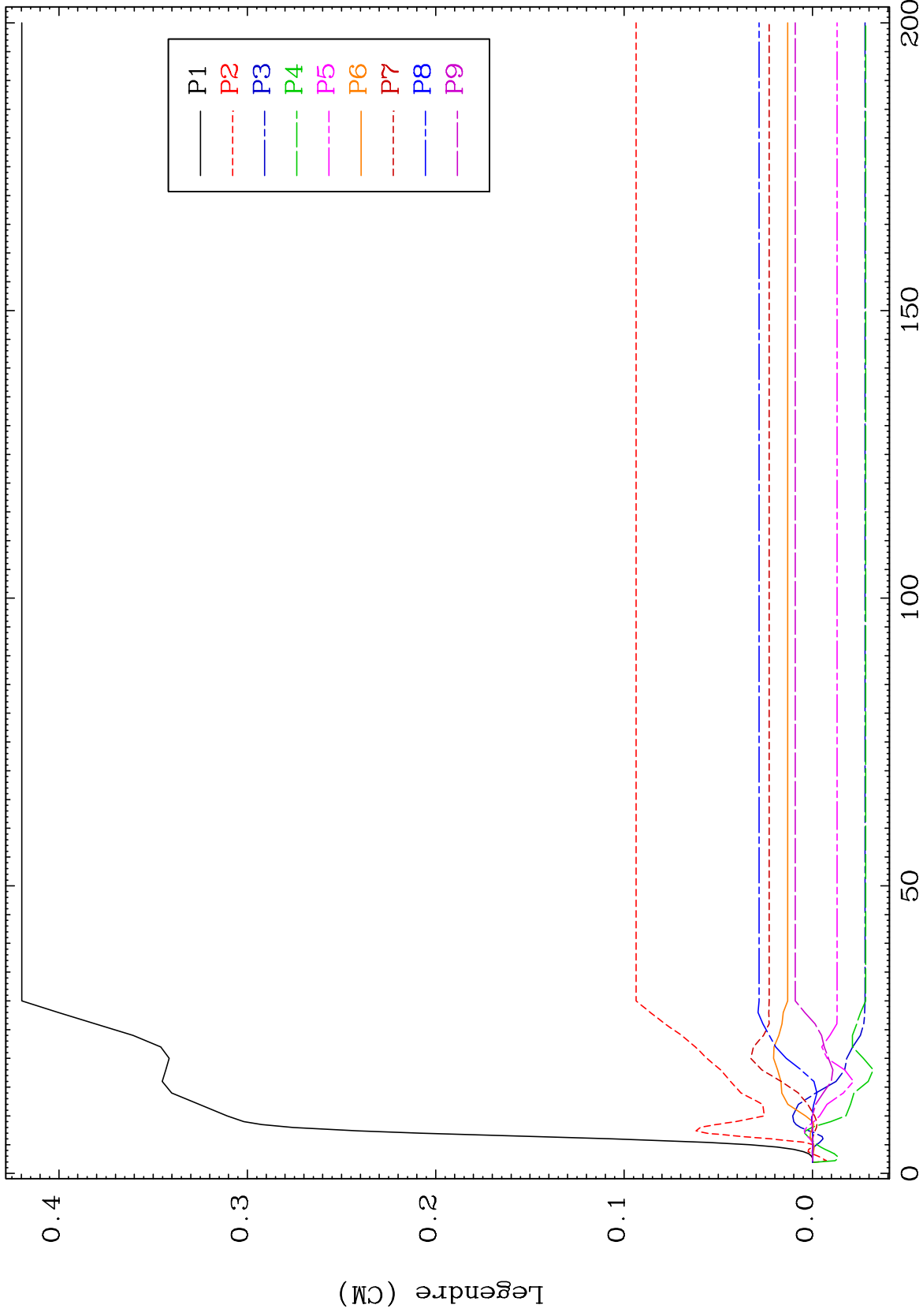




MAT 5613

1.890 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



71

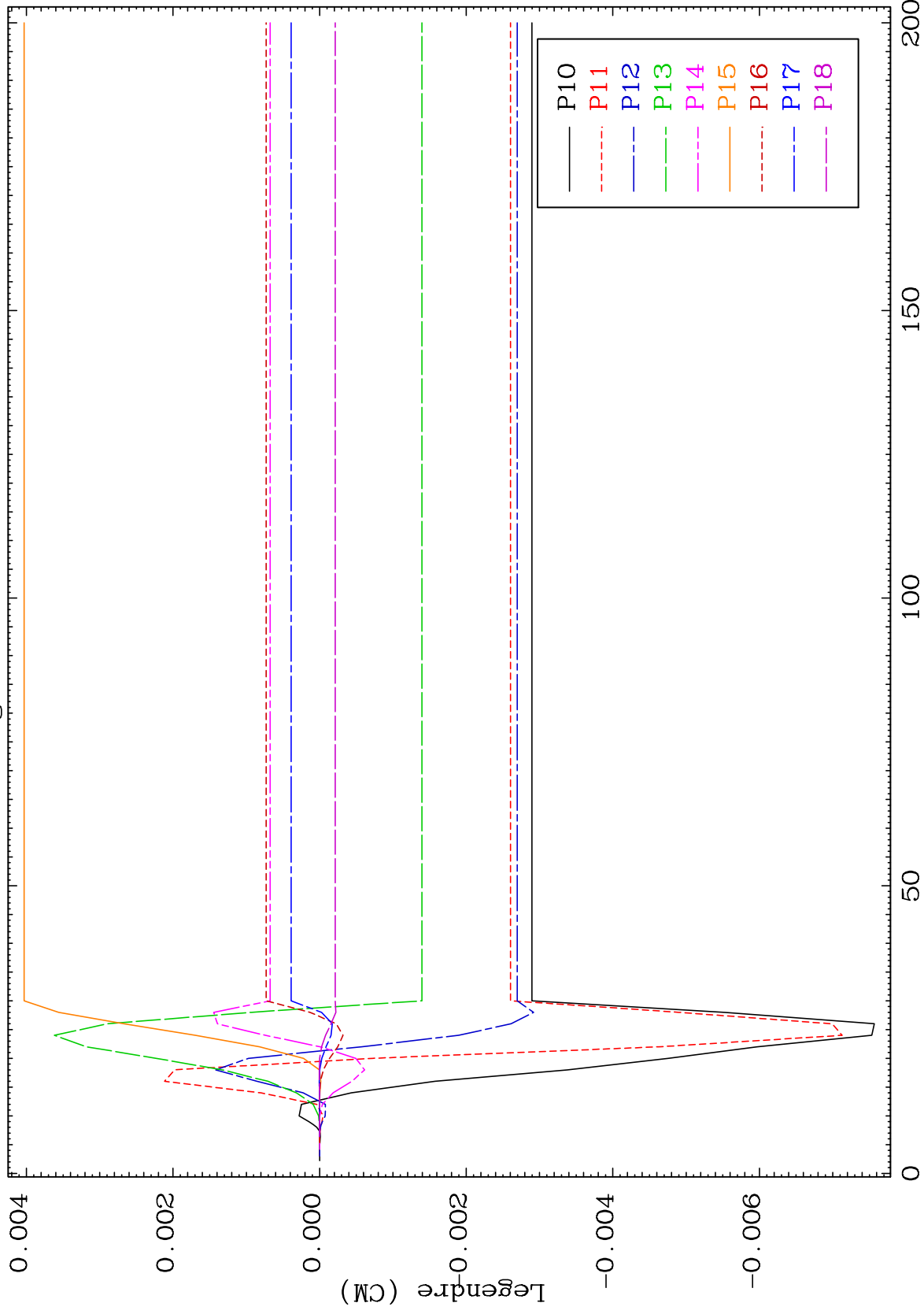
Incident Energy (MeV)

56-Ba-126

MAT 5613

1.890 MeV (n,n') Level
Legendre Coefficients

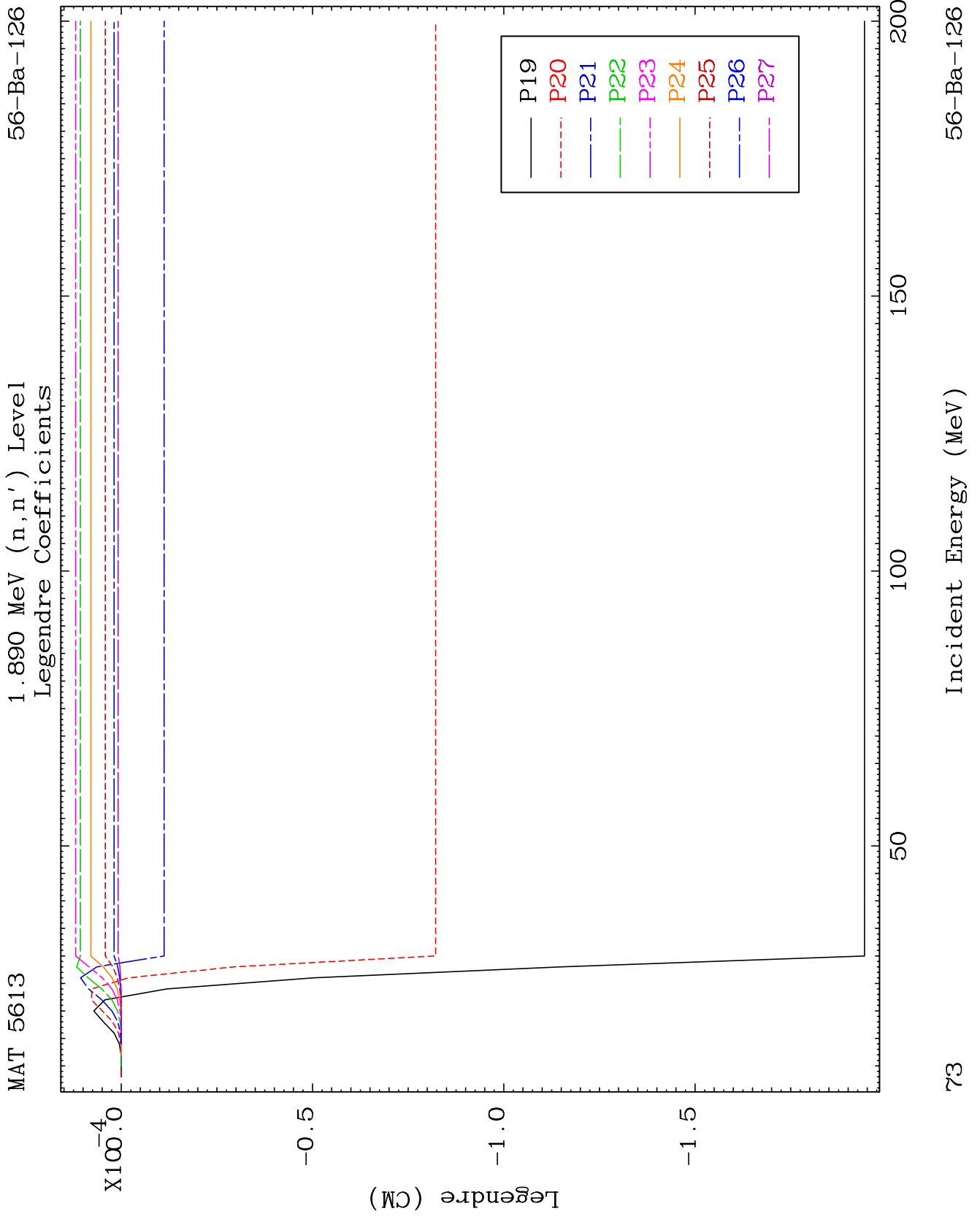
56-Ba-126

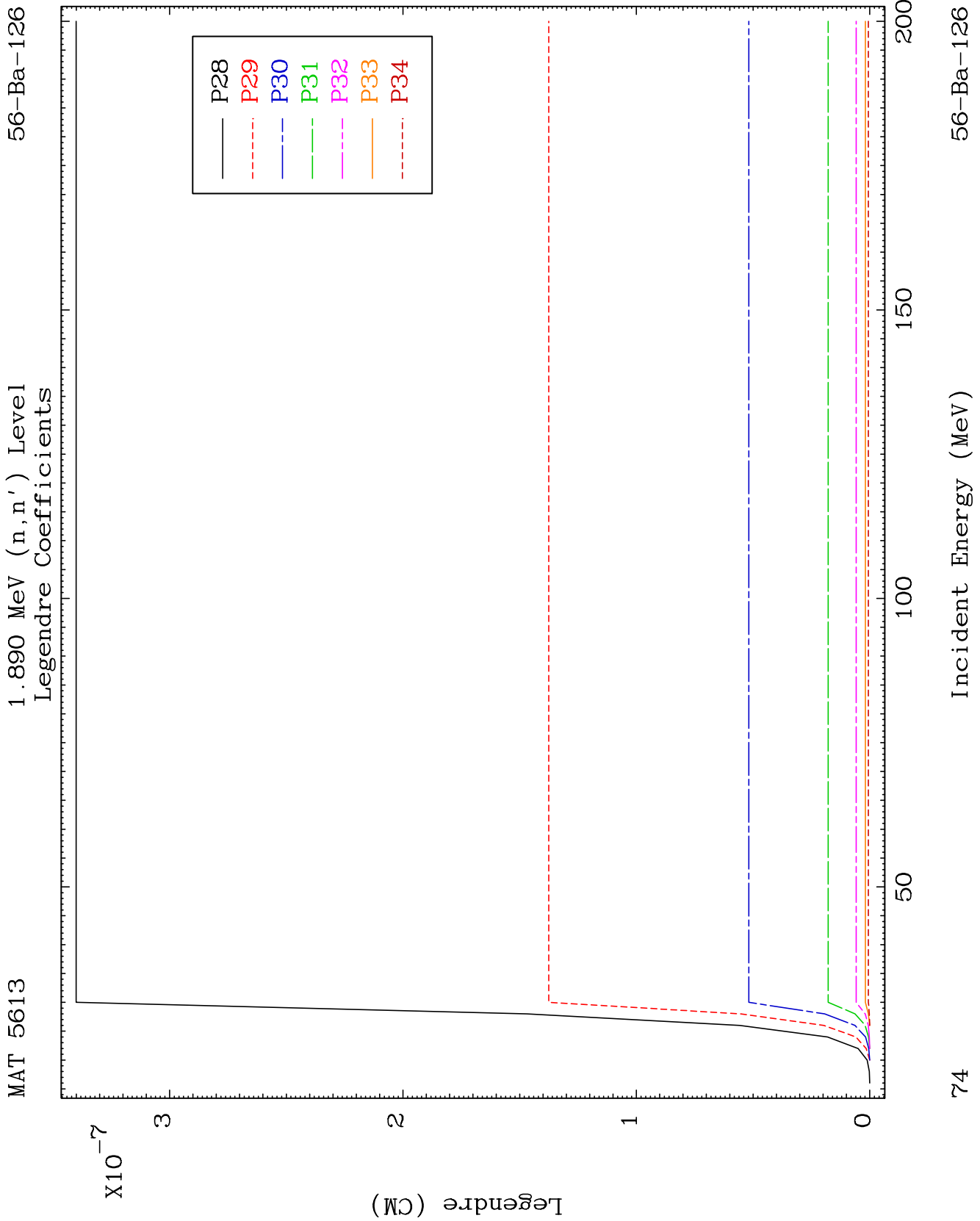


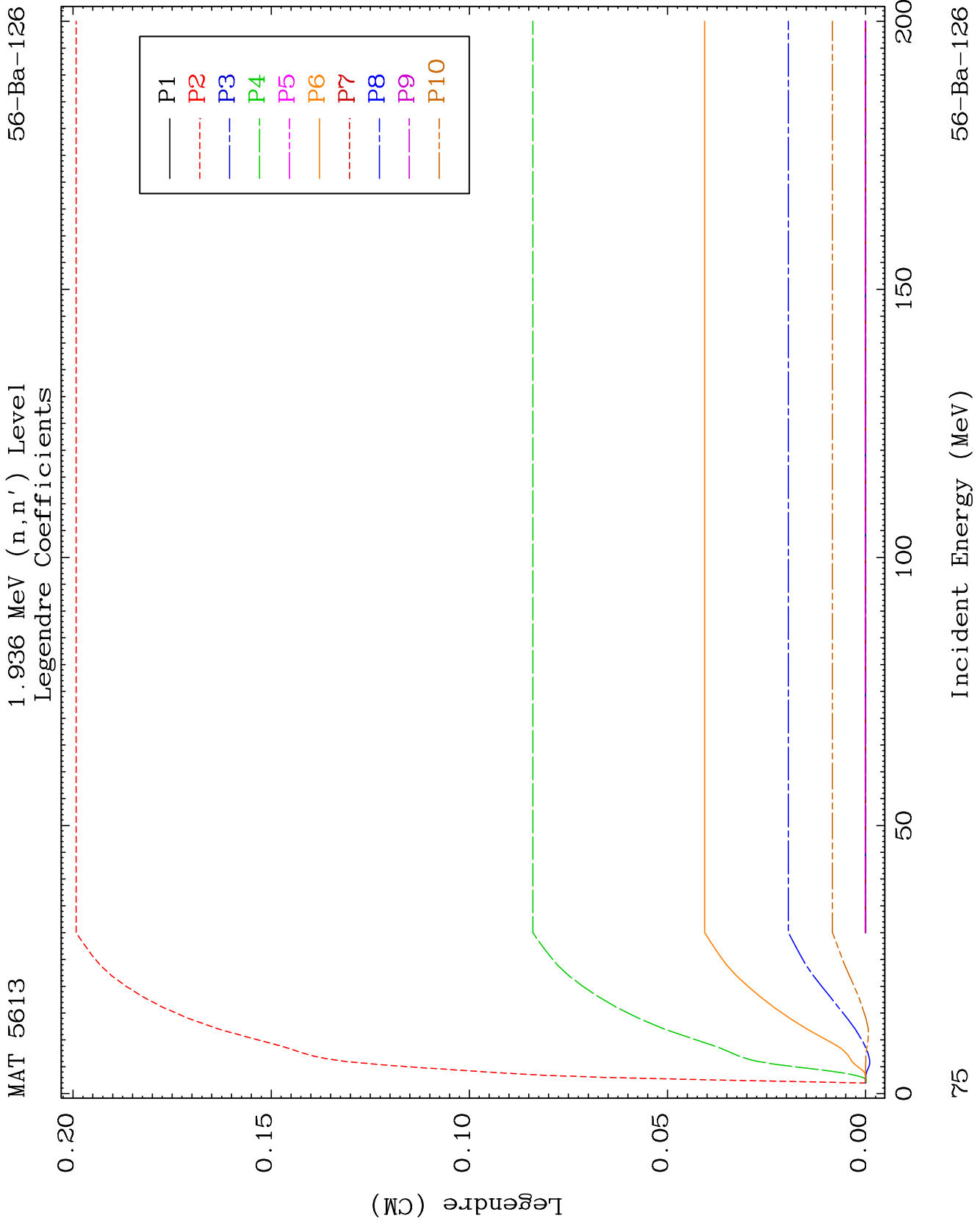
72

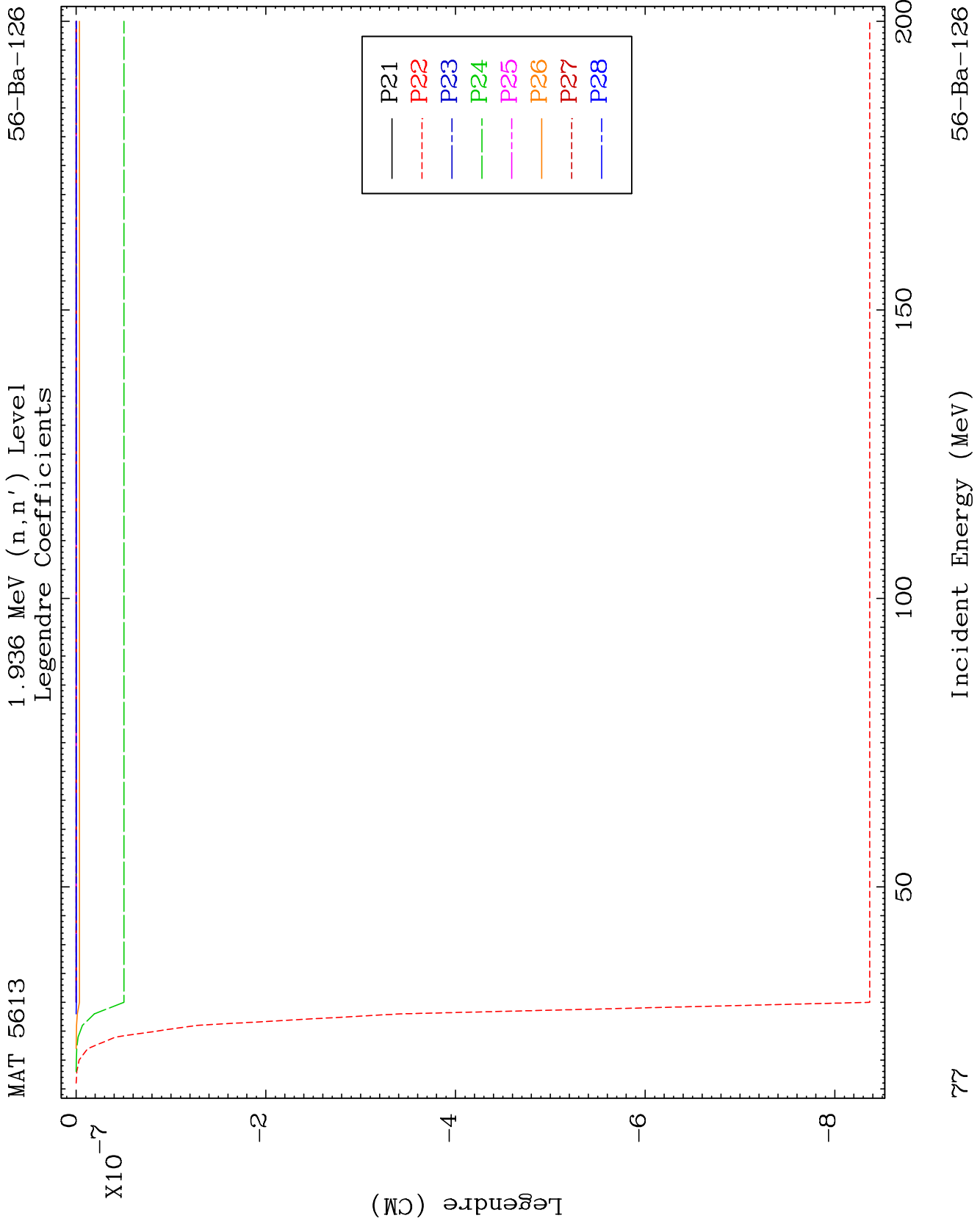
Incident Energy (MeV)

56-Ba-126





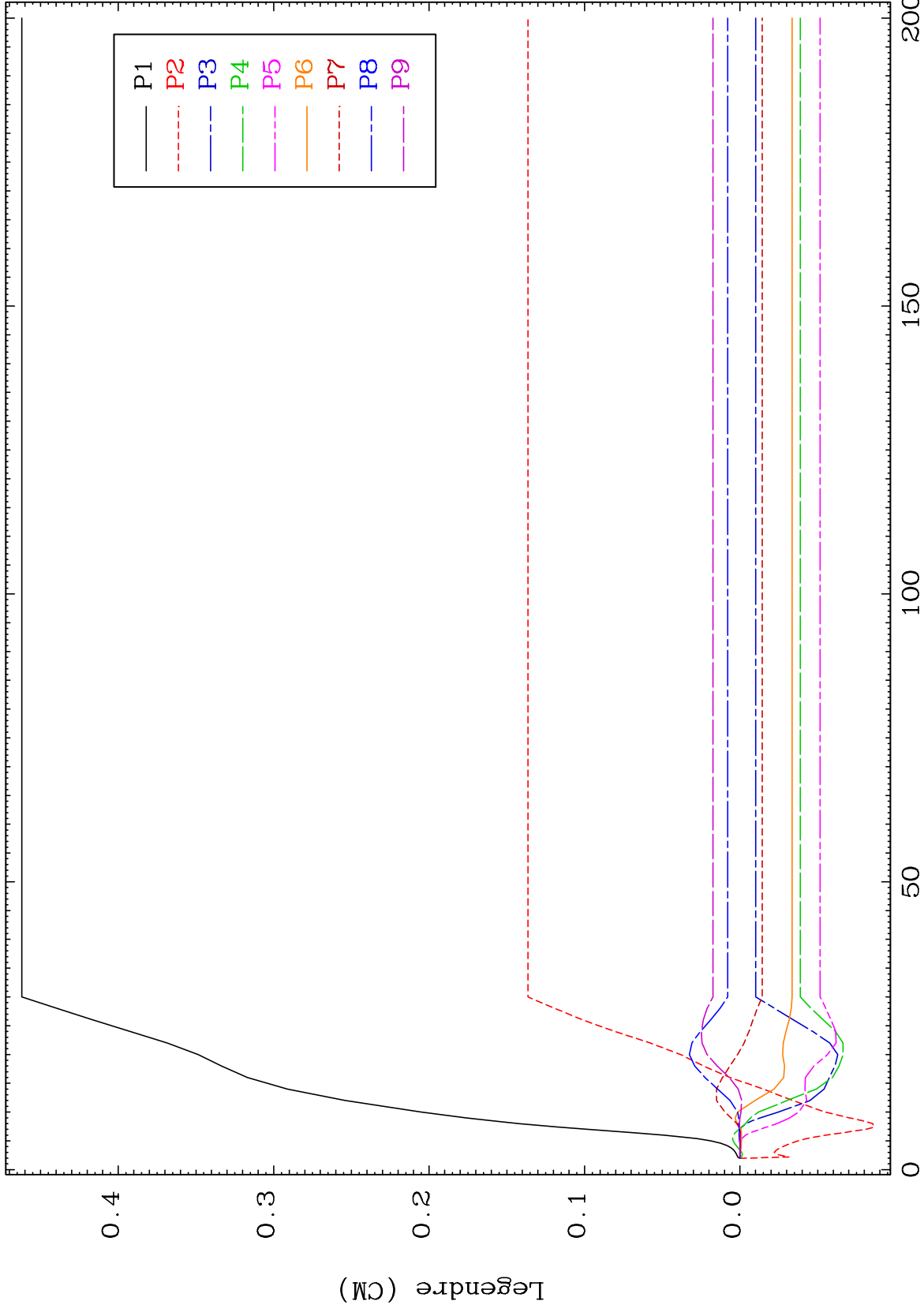




MAT 5613

1.939 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

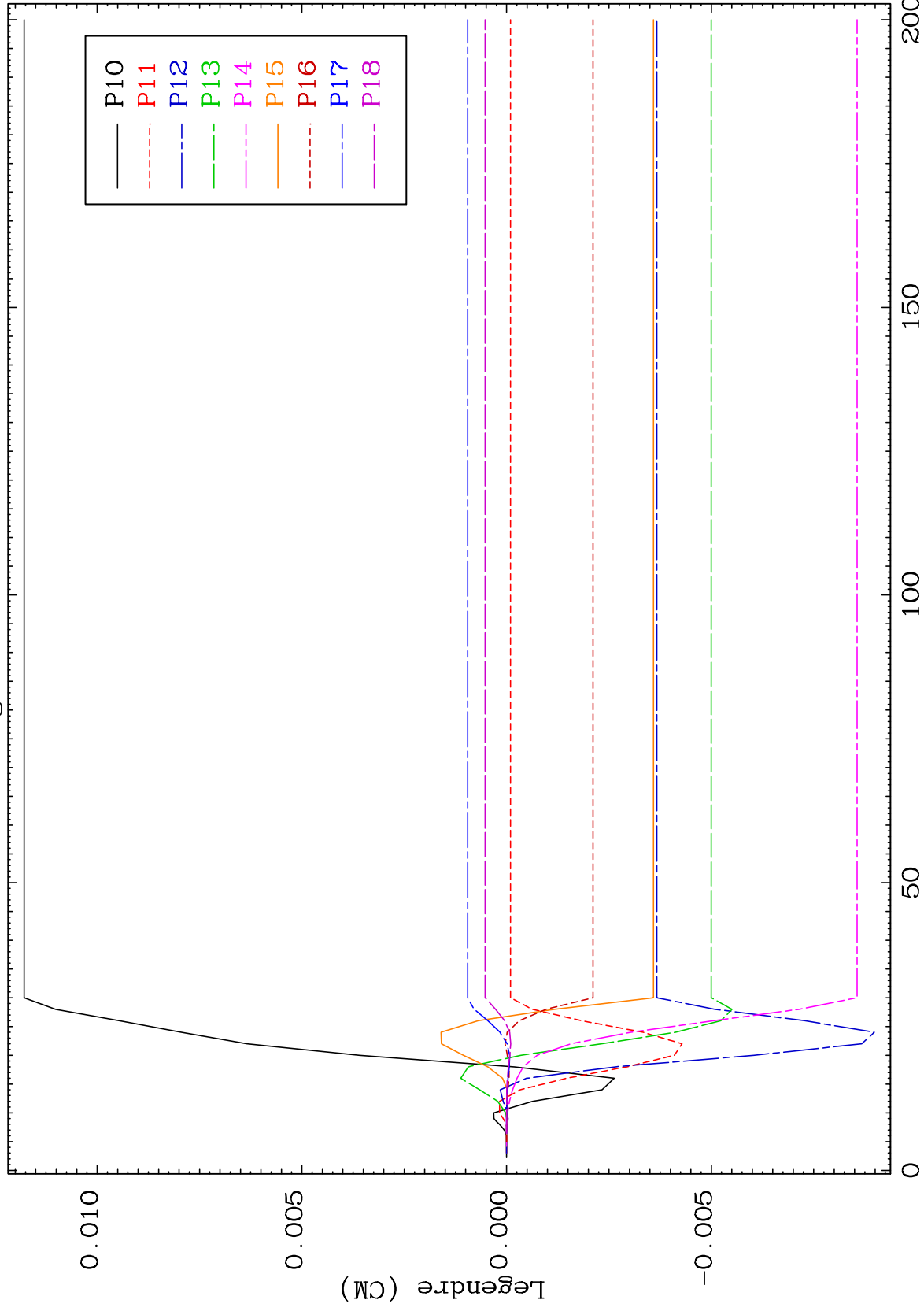
Incident Energy (MeV)

78

MAT 5613

1.939 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



79

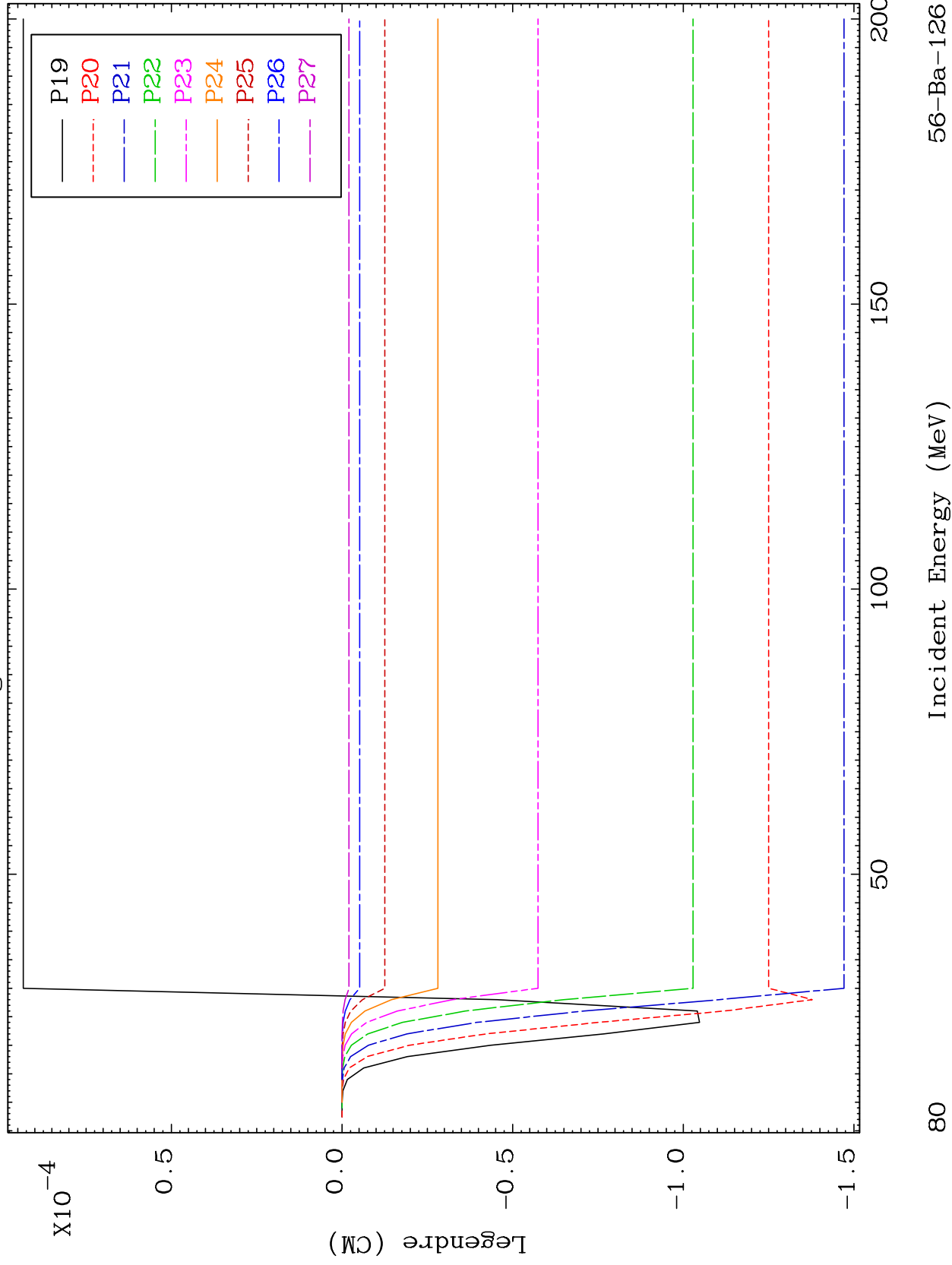
Incident Energy (MeV)

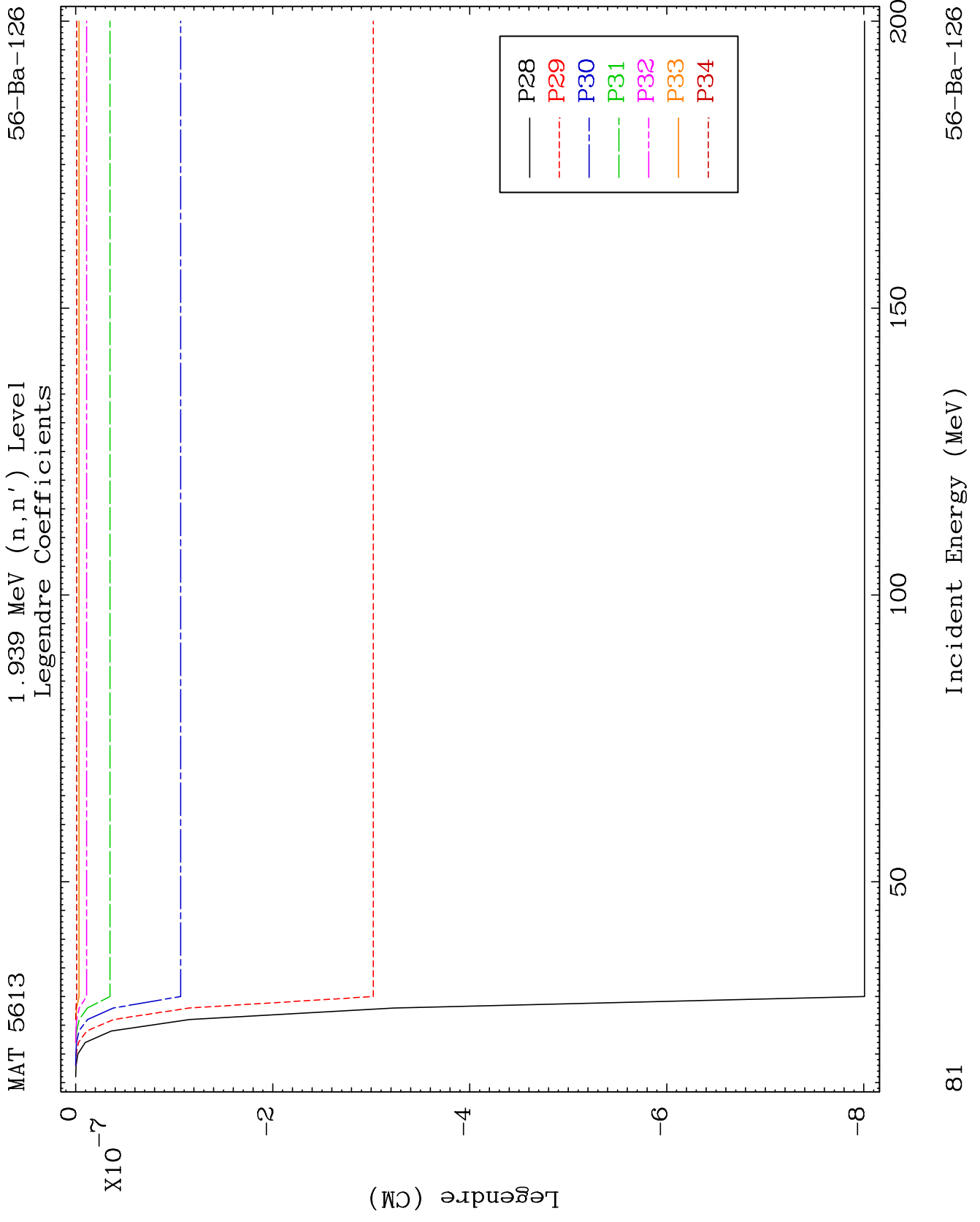
56-Ba-126

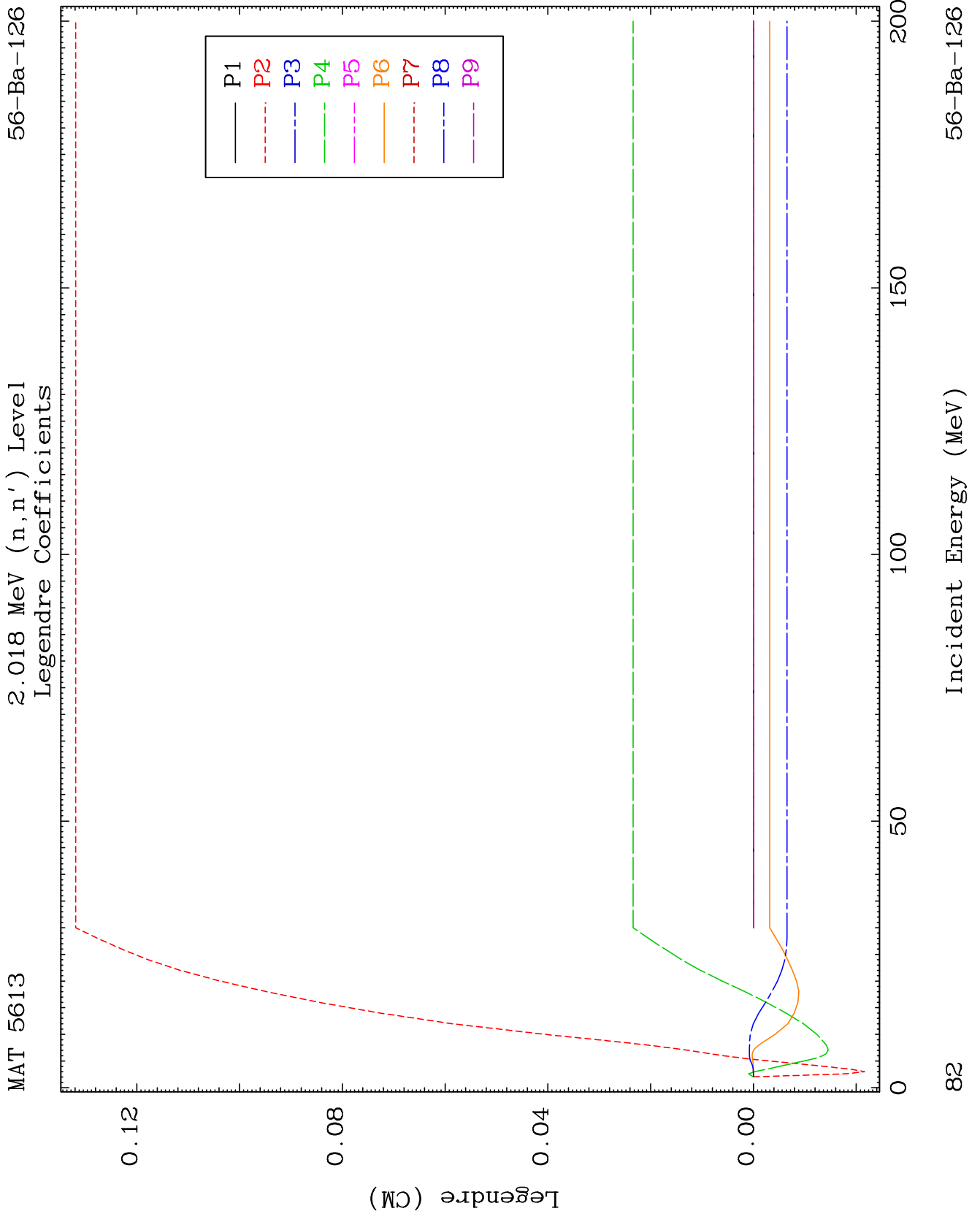
MAT 5613

1.939 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



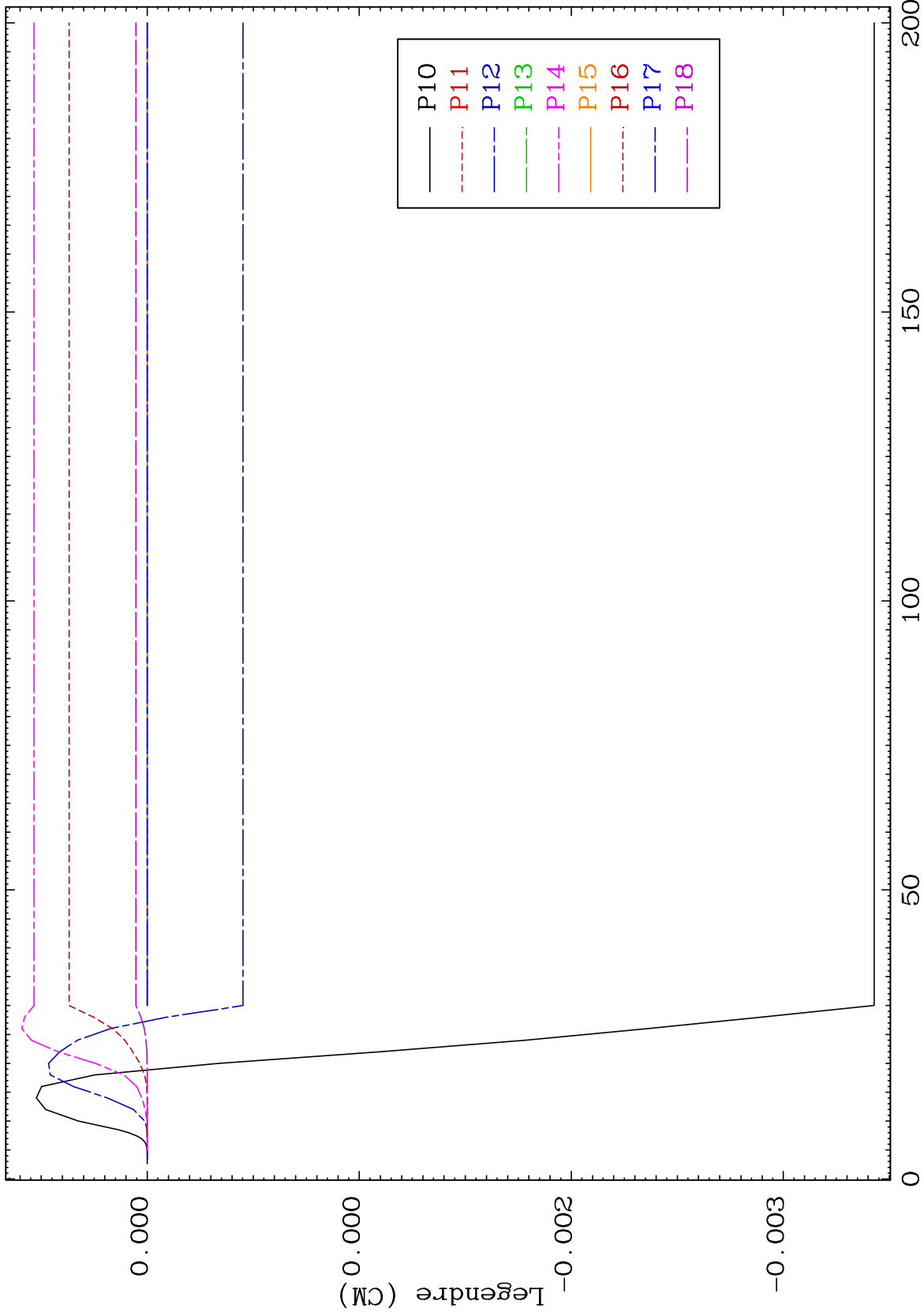




MAT 5613

2.018 MeV (n,n') Level
Legendre Coefficients

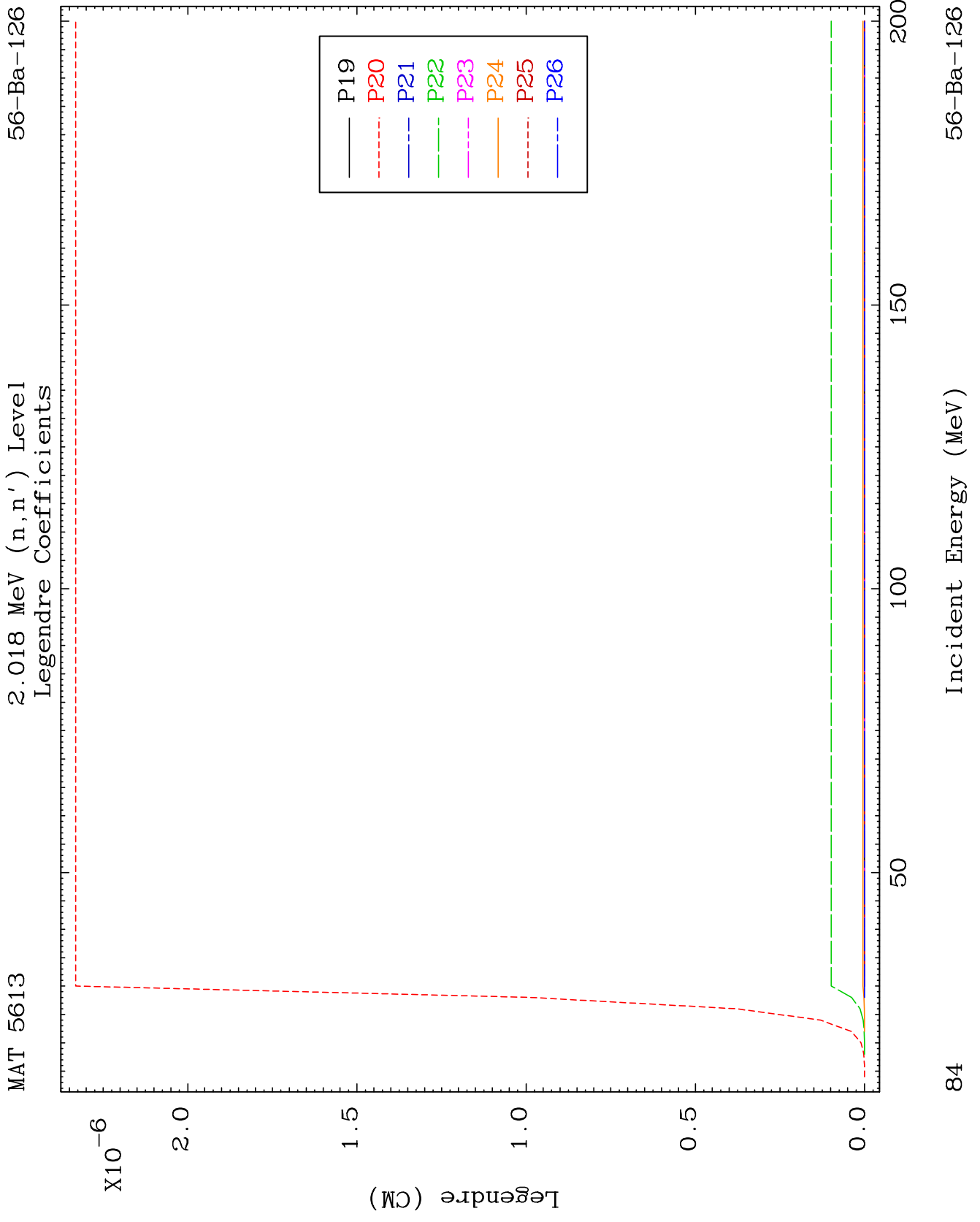
56-Ba-126

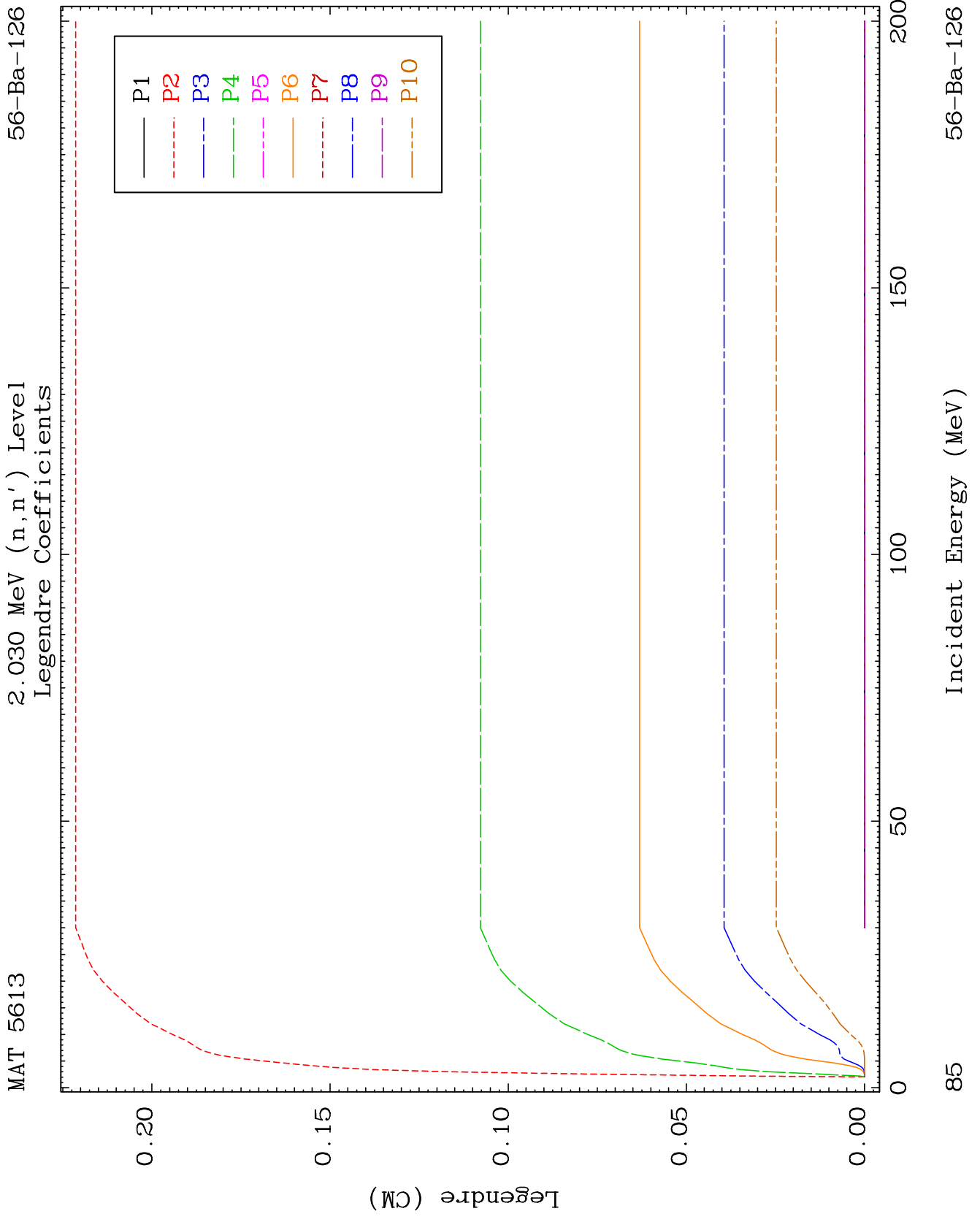


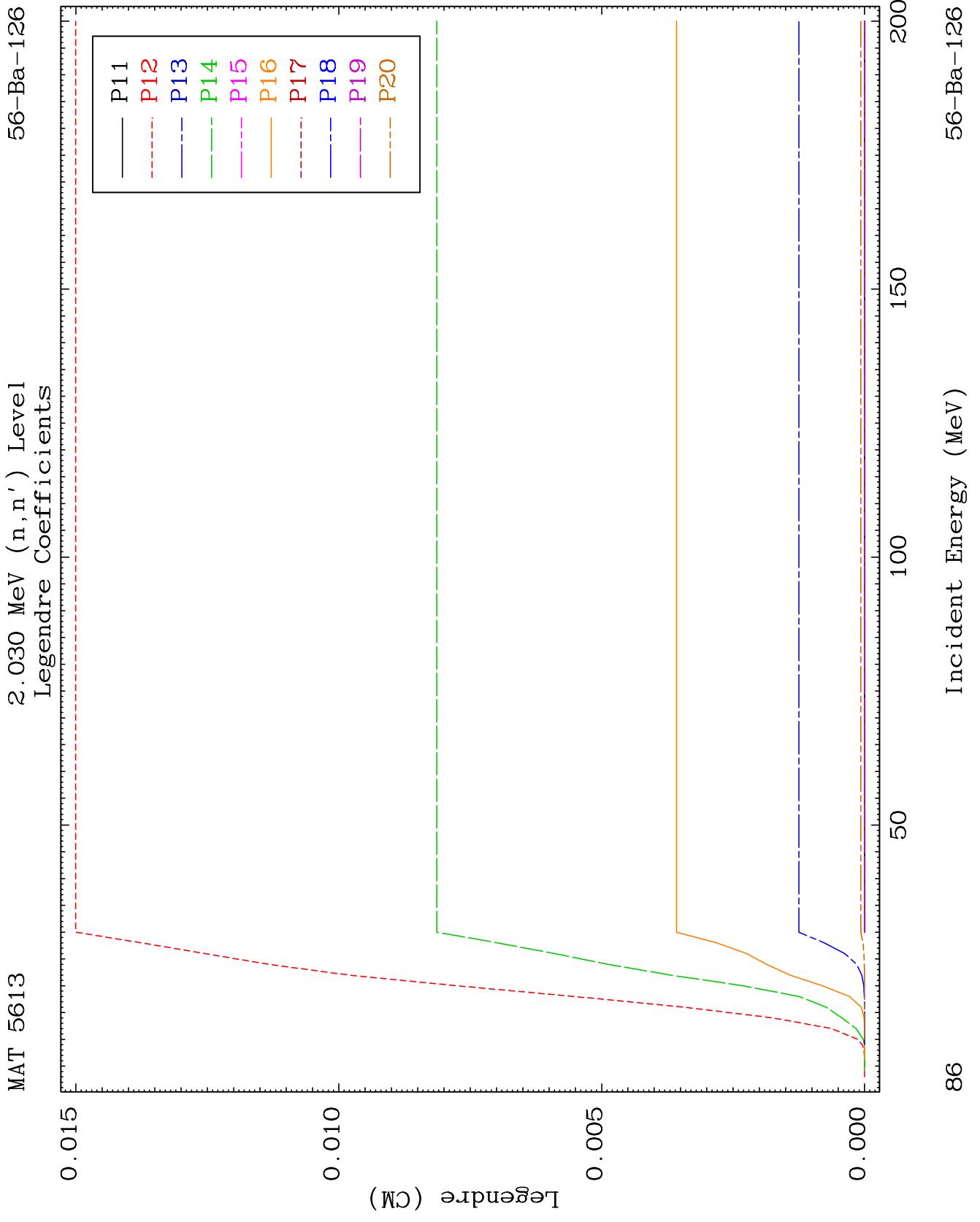
83

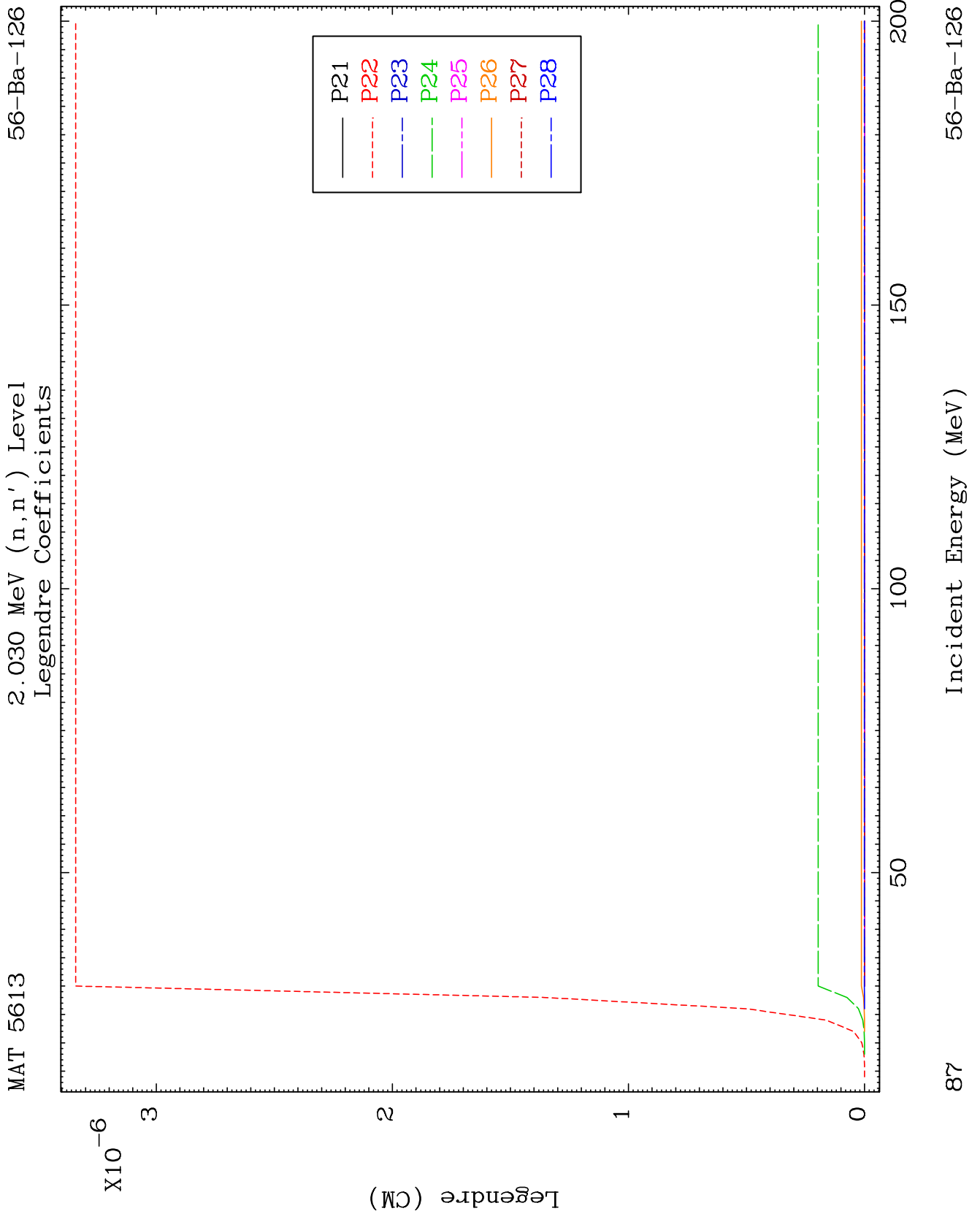
Incident Energy (MeV)

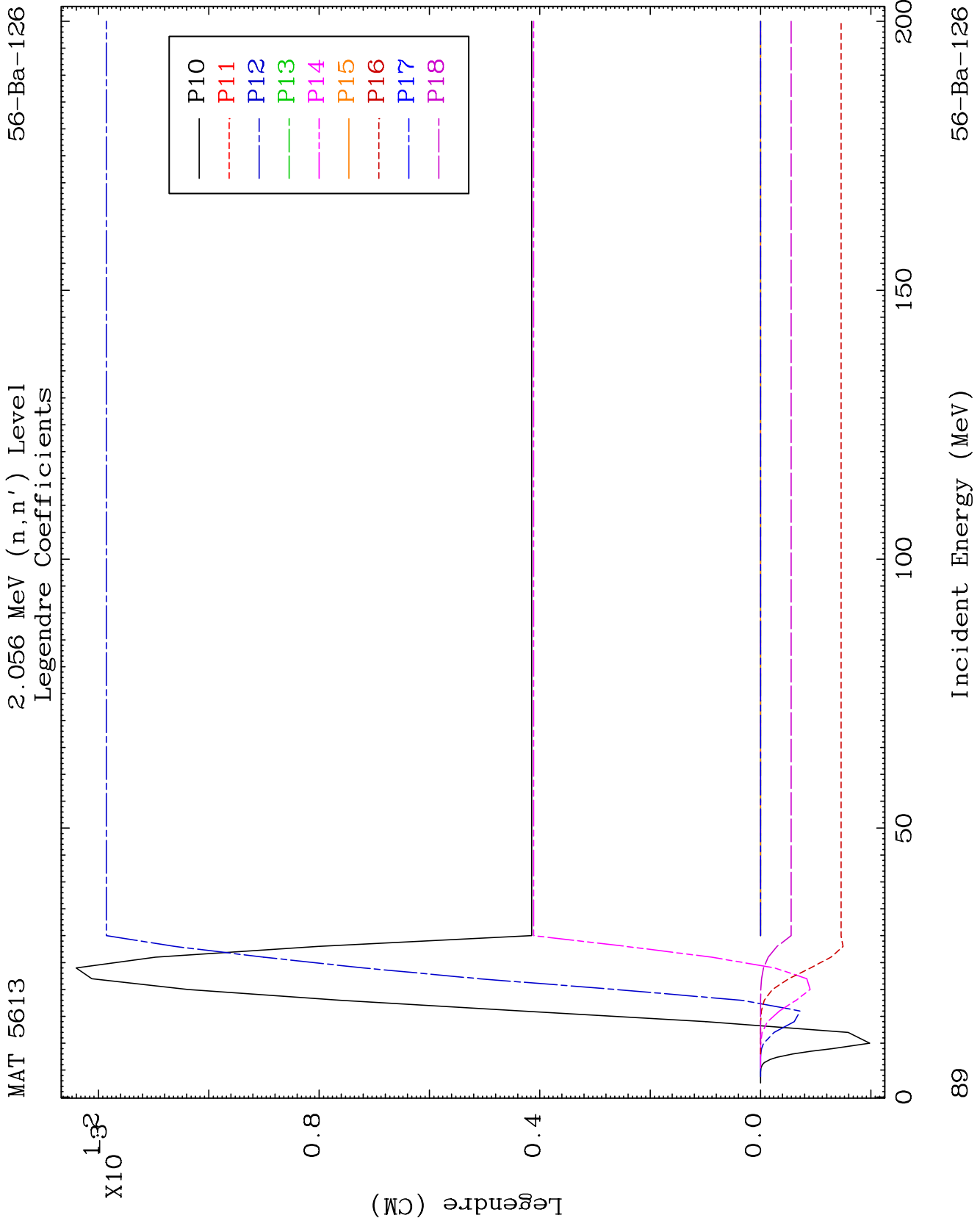
56-Ba-126

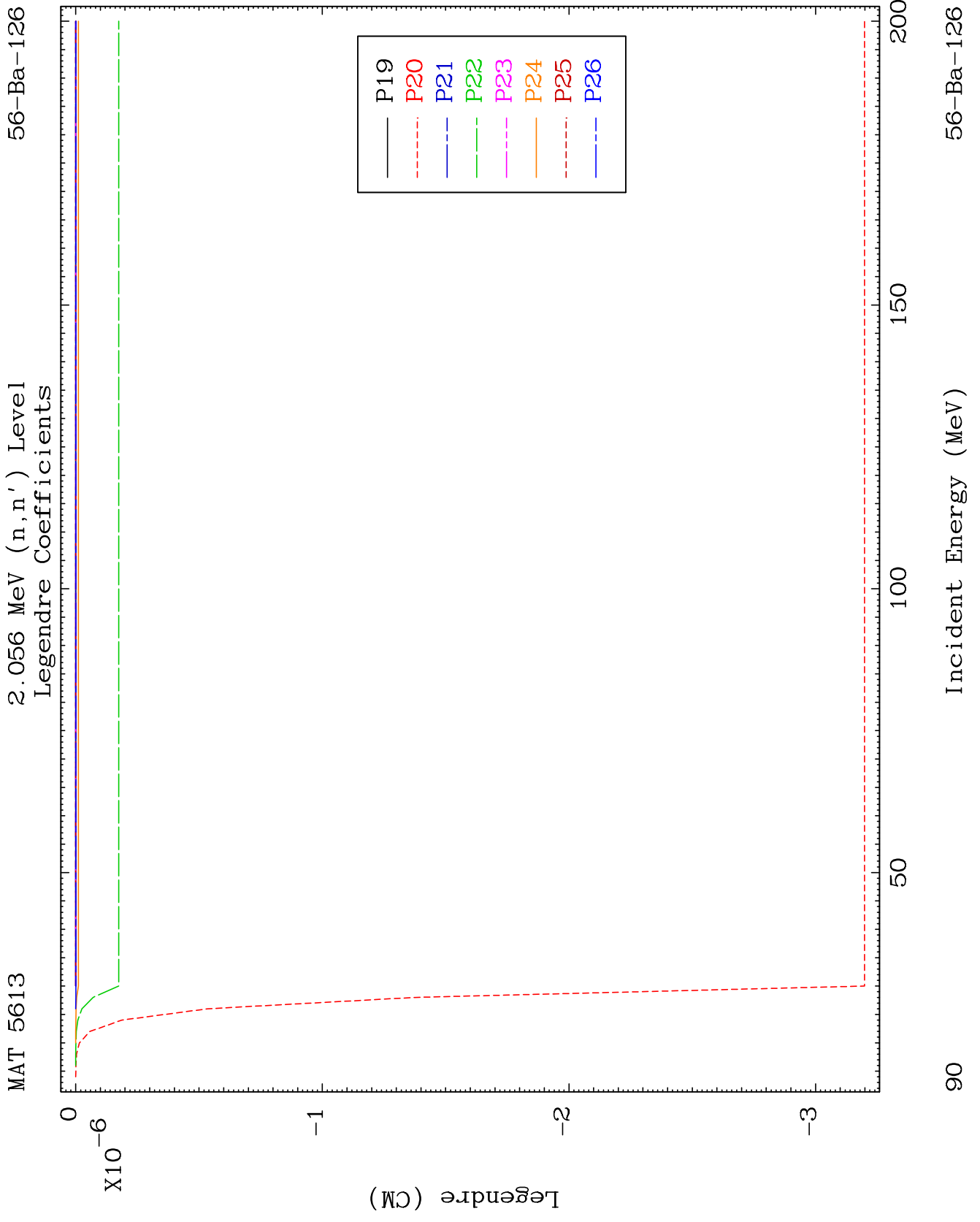








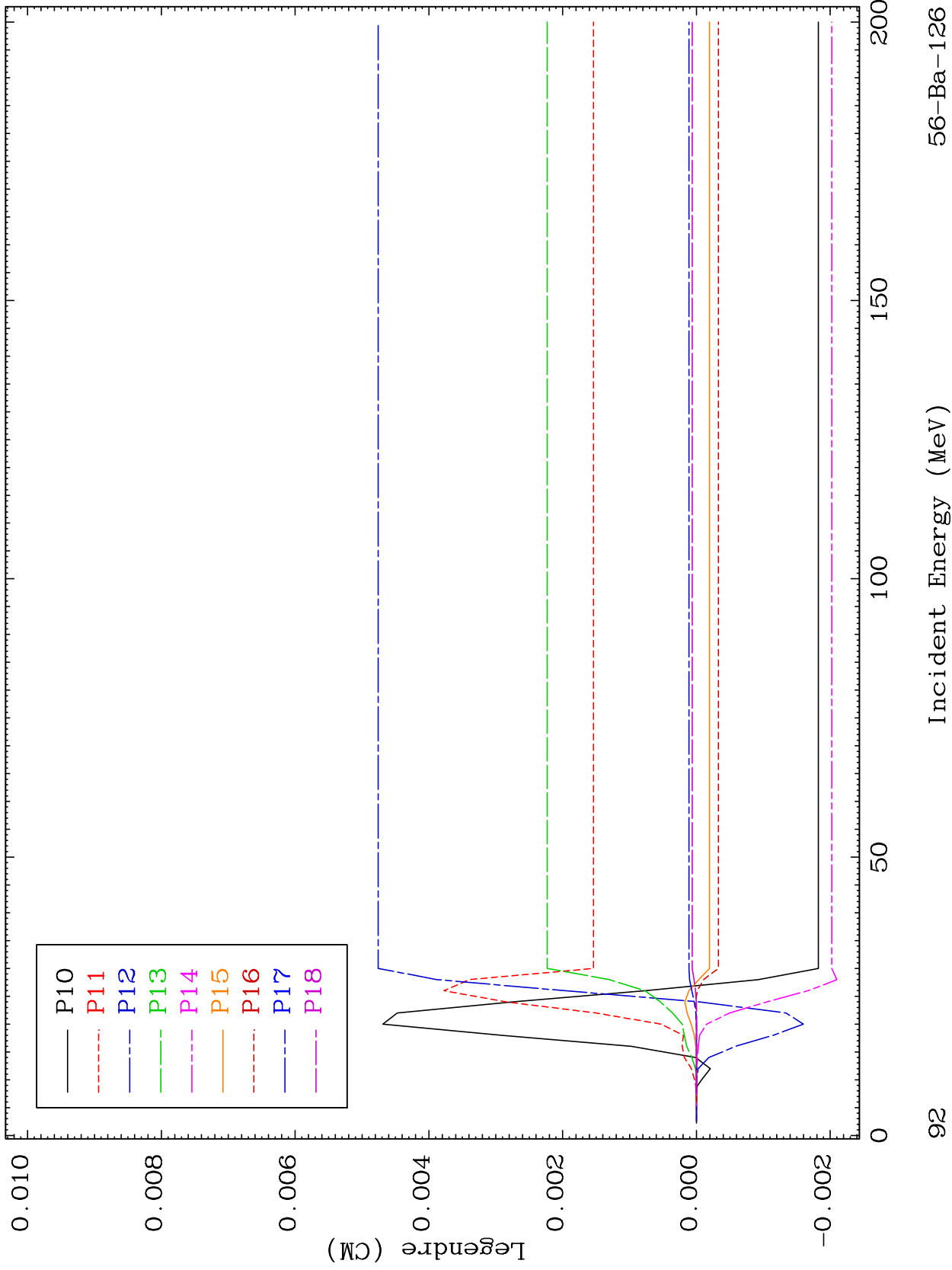




MAT 5613

2.090 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

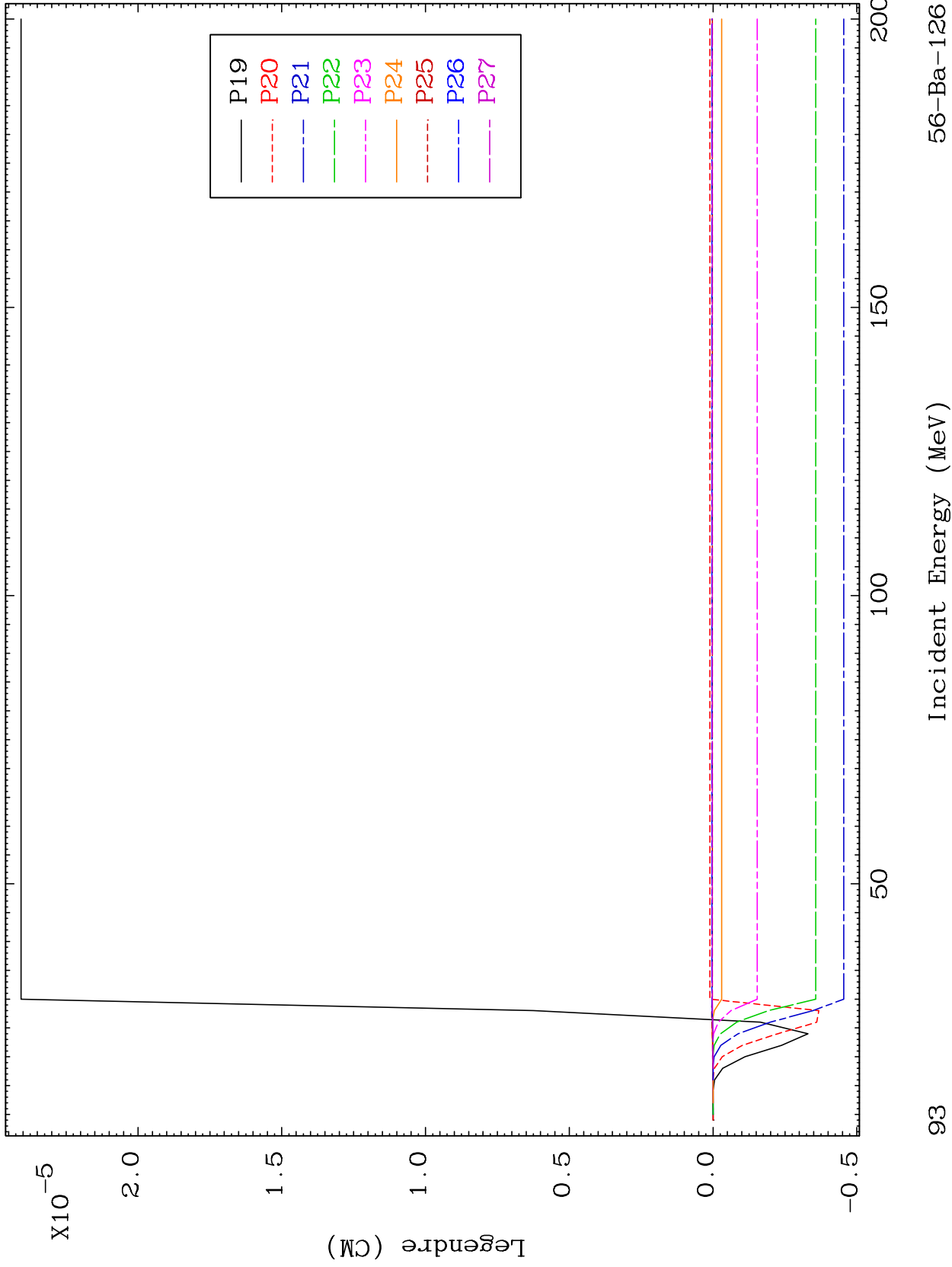
Incident Energy (MeV)

92

MAT 5613

2.090 MeV (n,n') Level
Legendre Coefficients

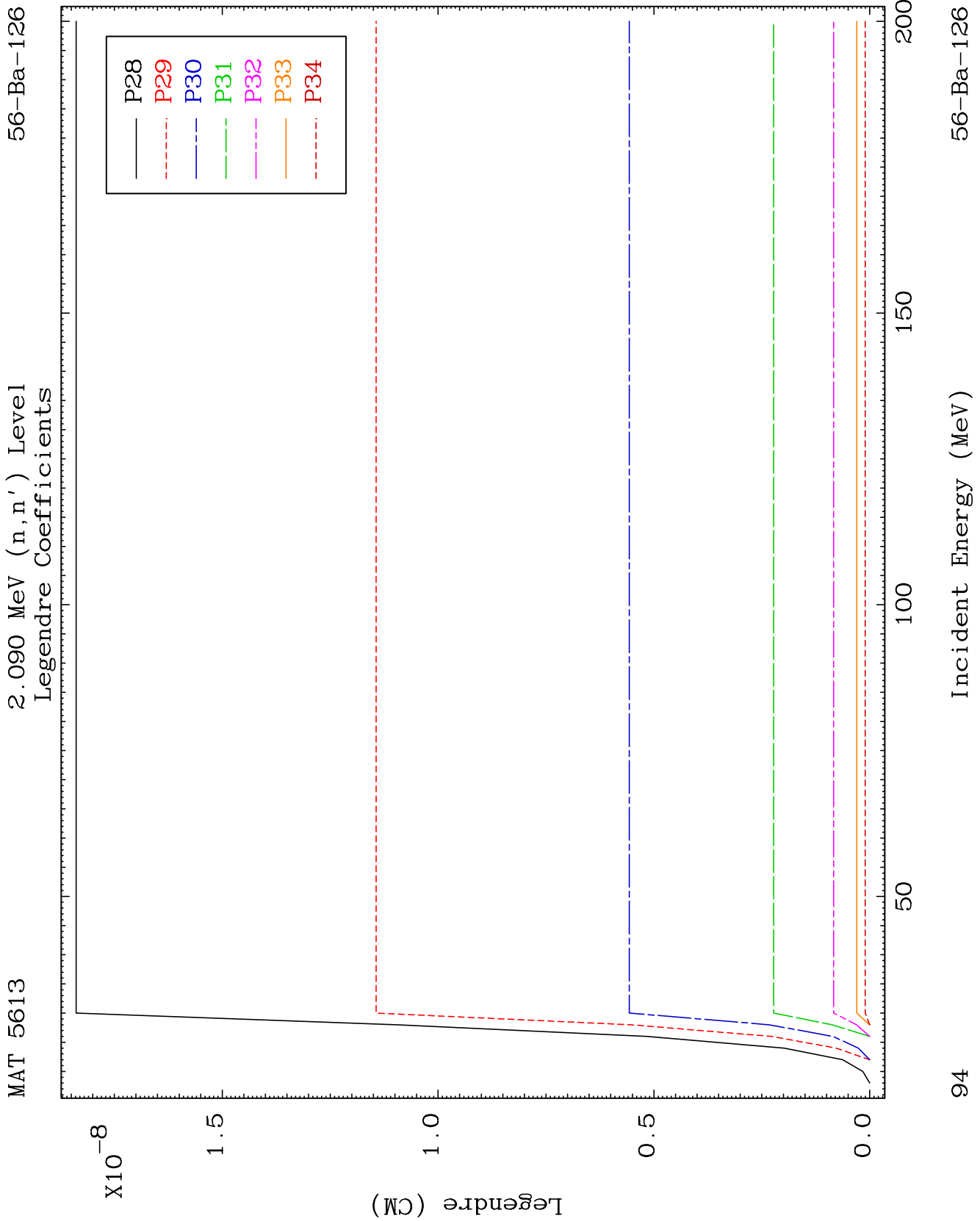
56-Ba-126

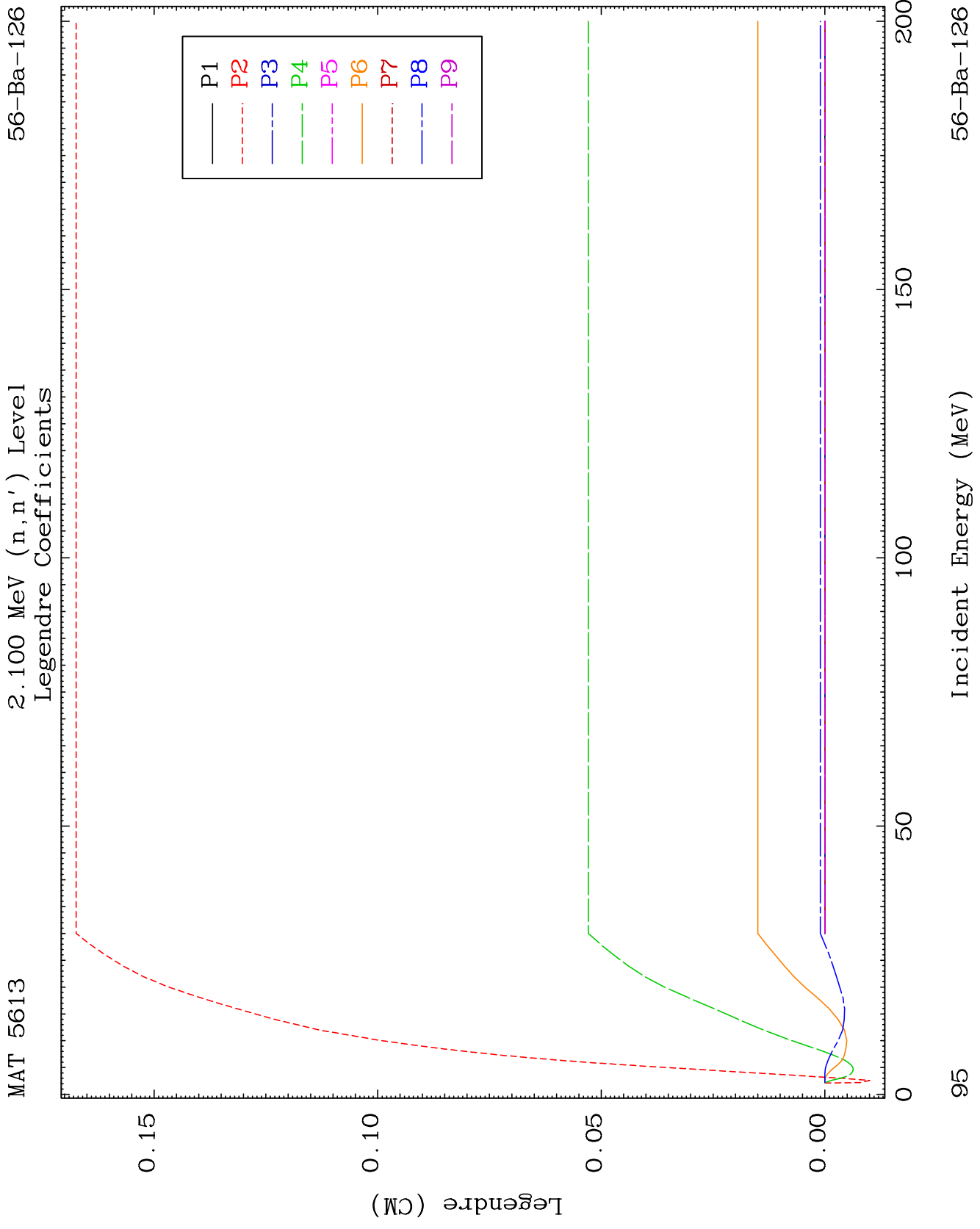


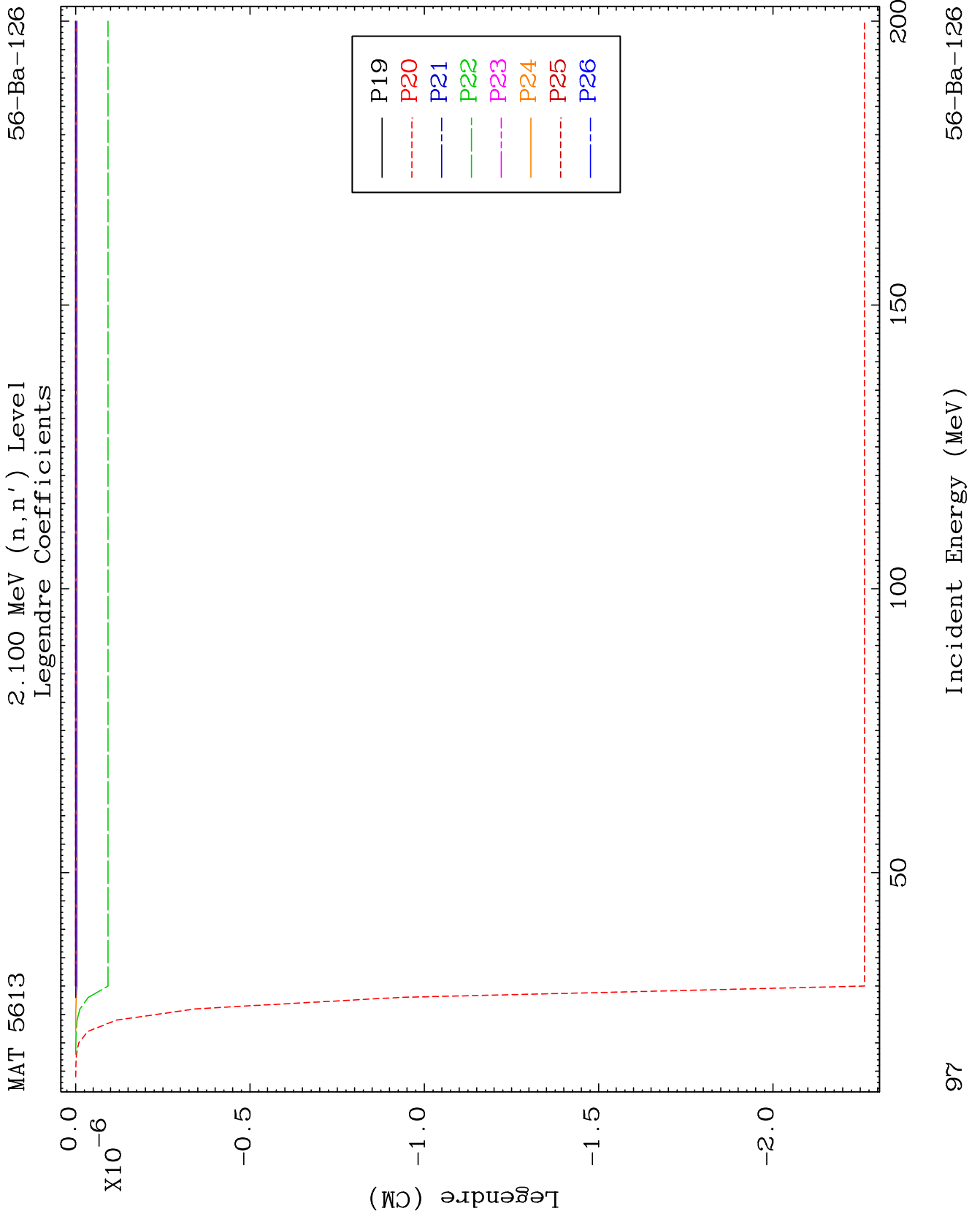
93

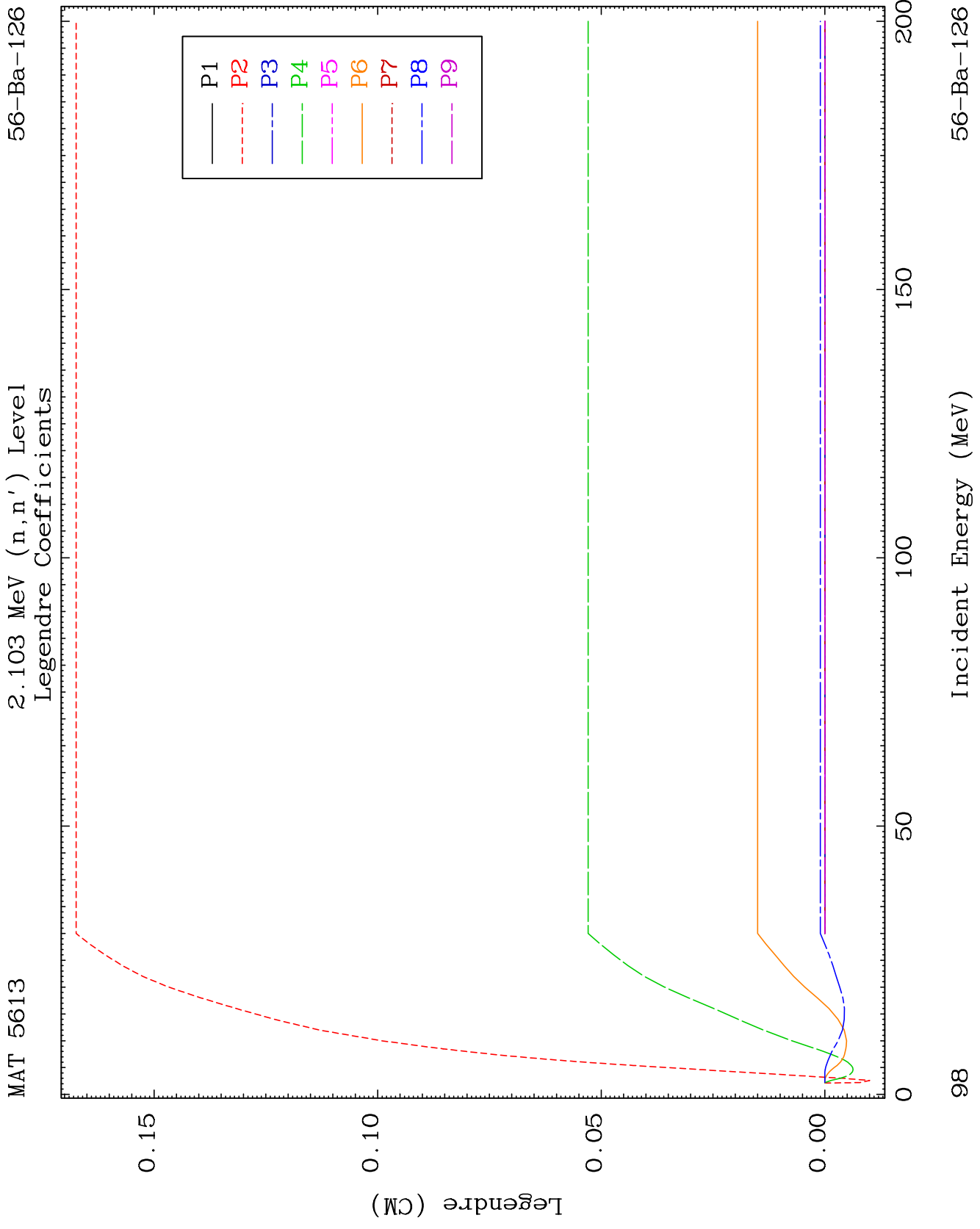
Incident Energy (MeV)

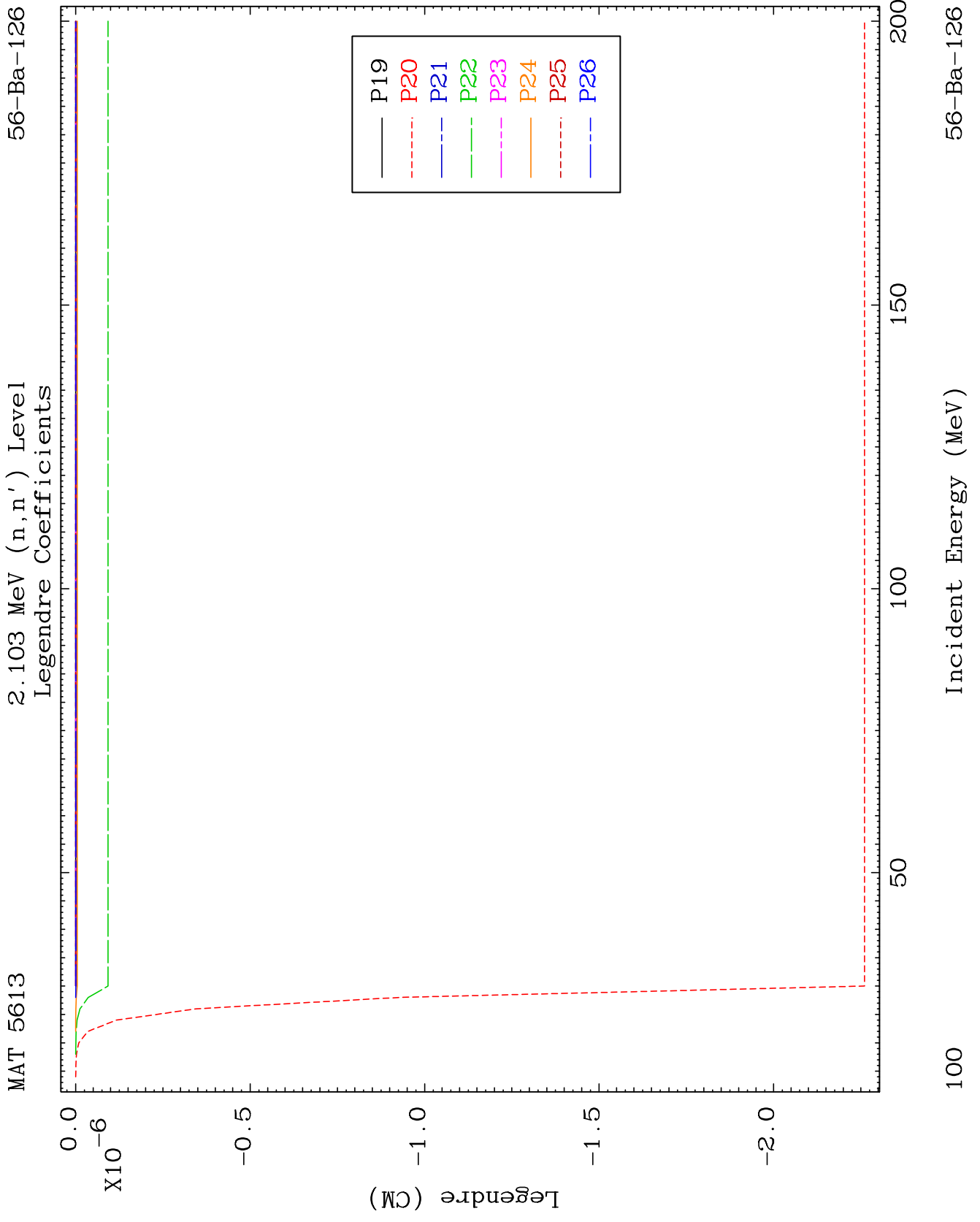
56-Ba-126







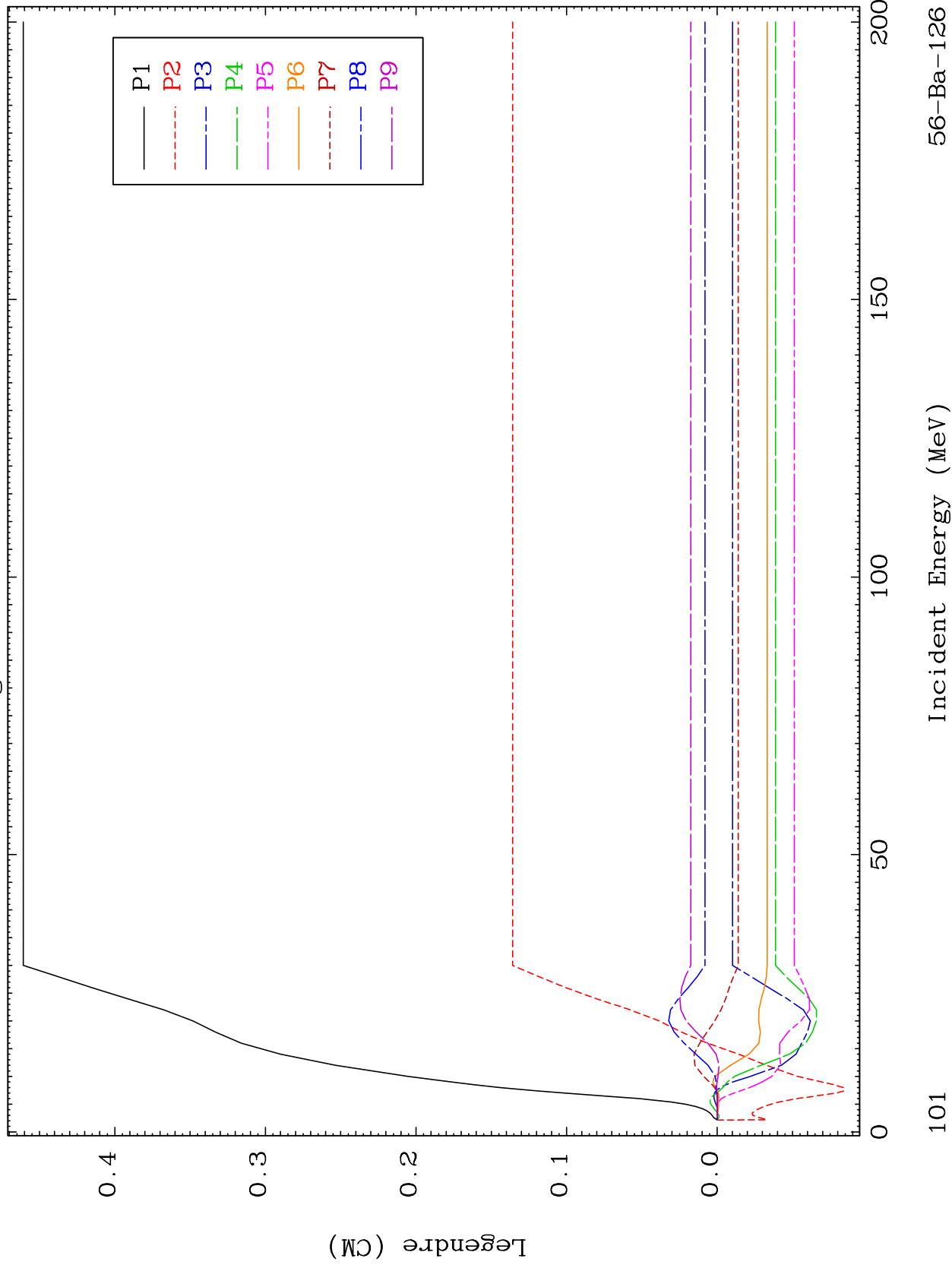




MAT 5613

2.117 MeV (n, n') Level
Legendre Coefficients

56-Ba-126

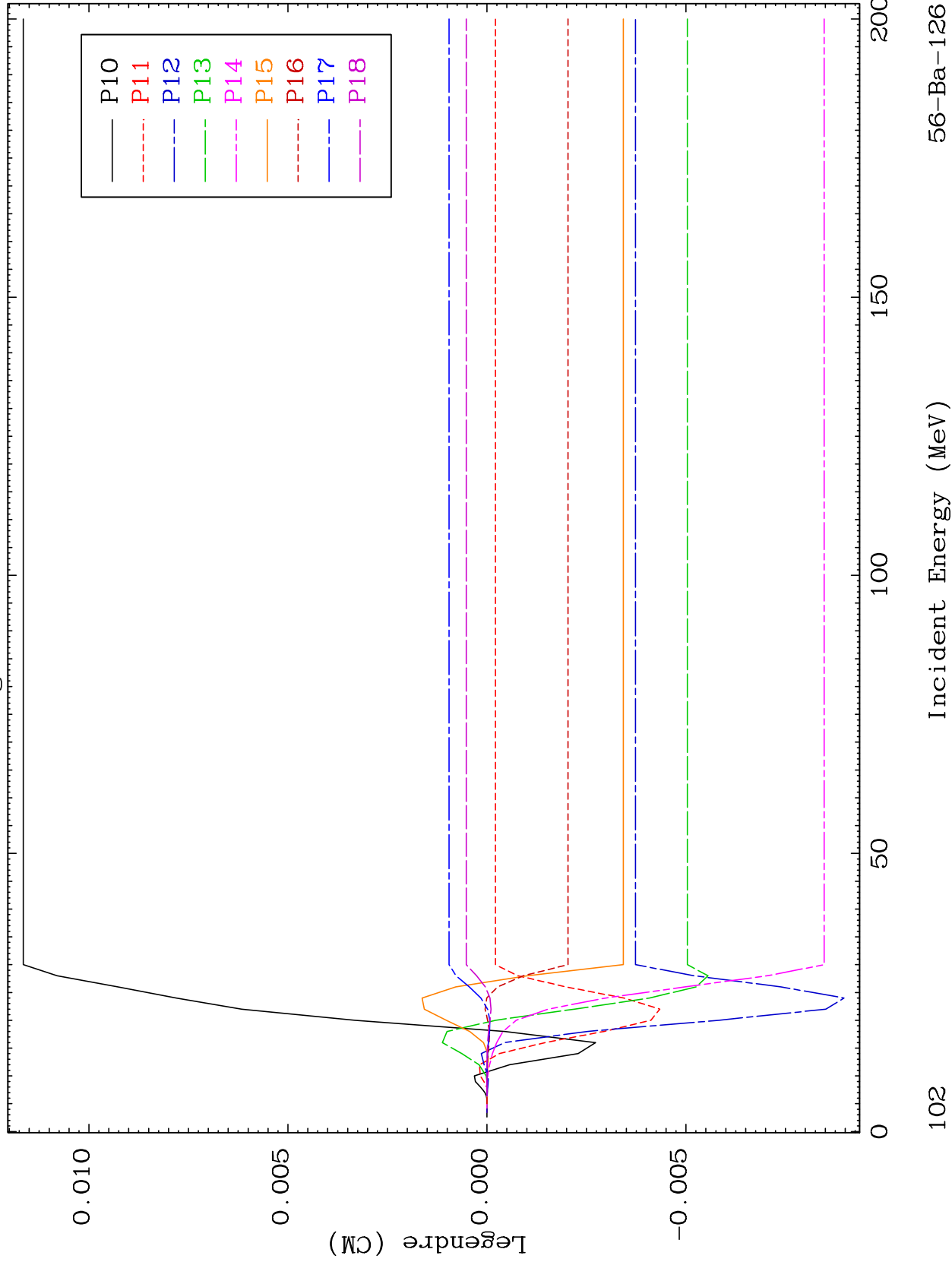


101

MAT 5613

2.117 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



102

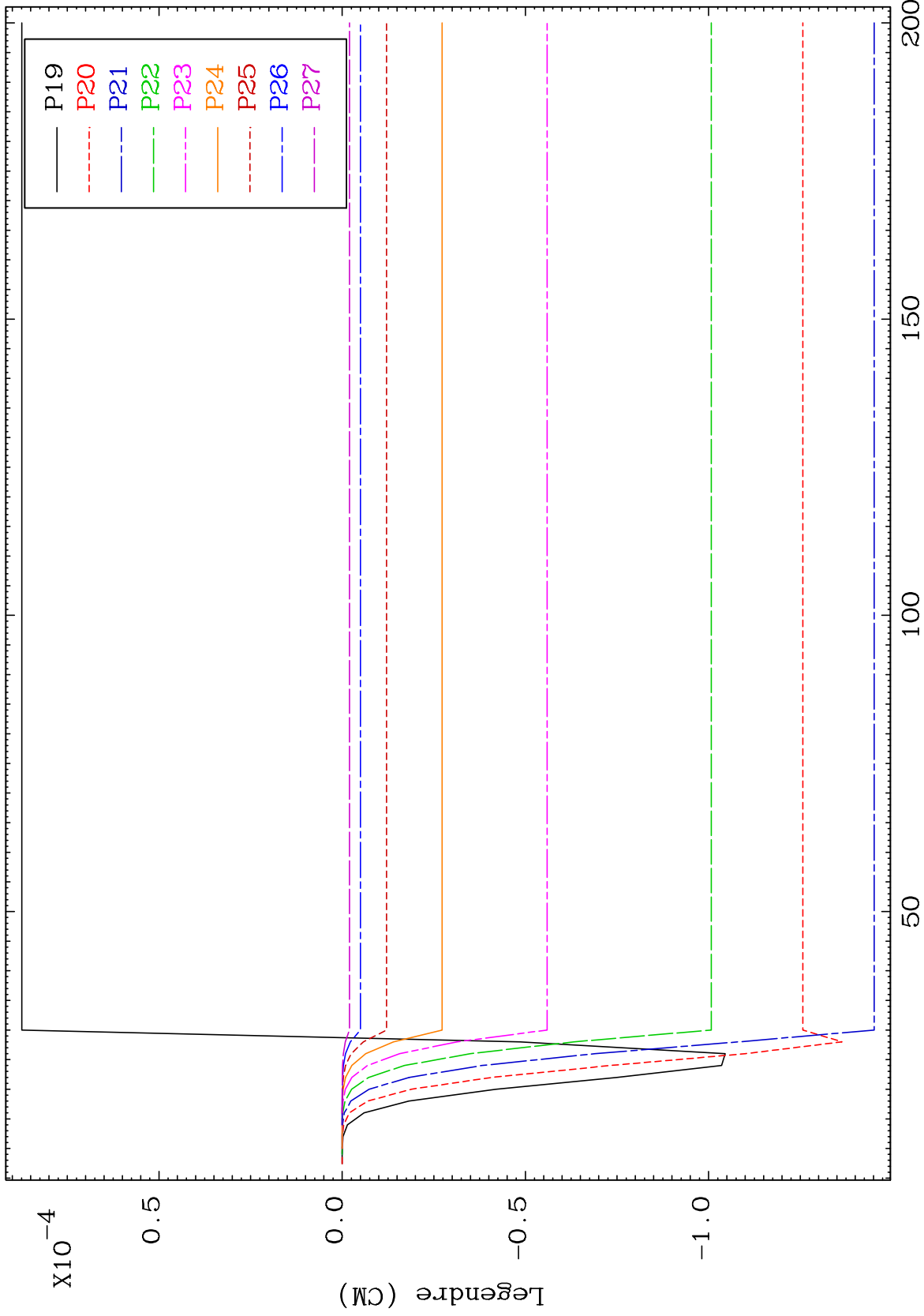
Incident Energy (MeV)

56-Ba-126

MAT 5613

2.117 MeV (n, n') Level
Legendre Coefficients

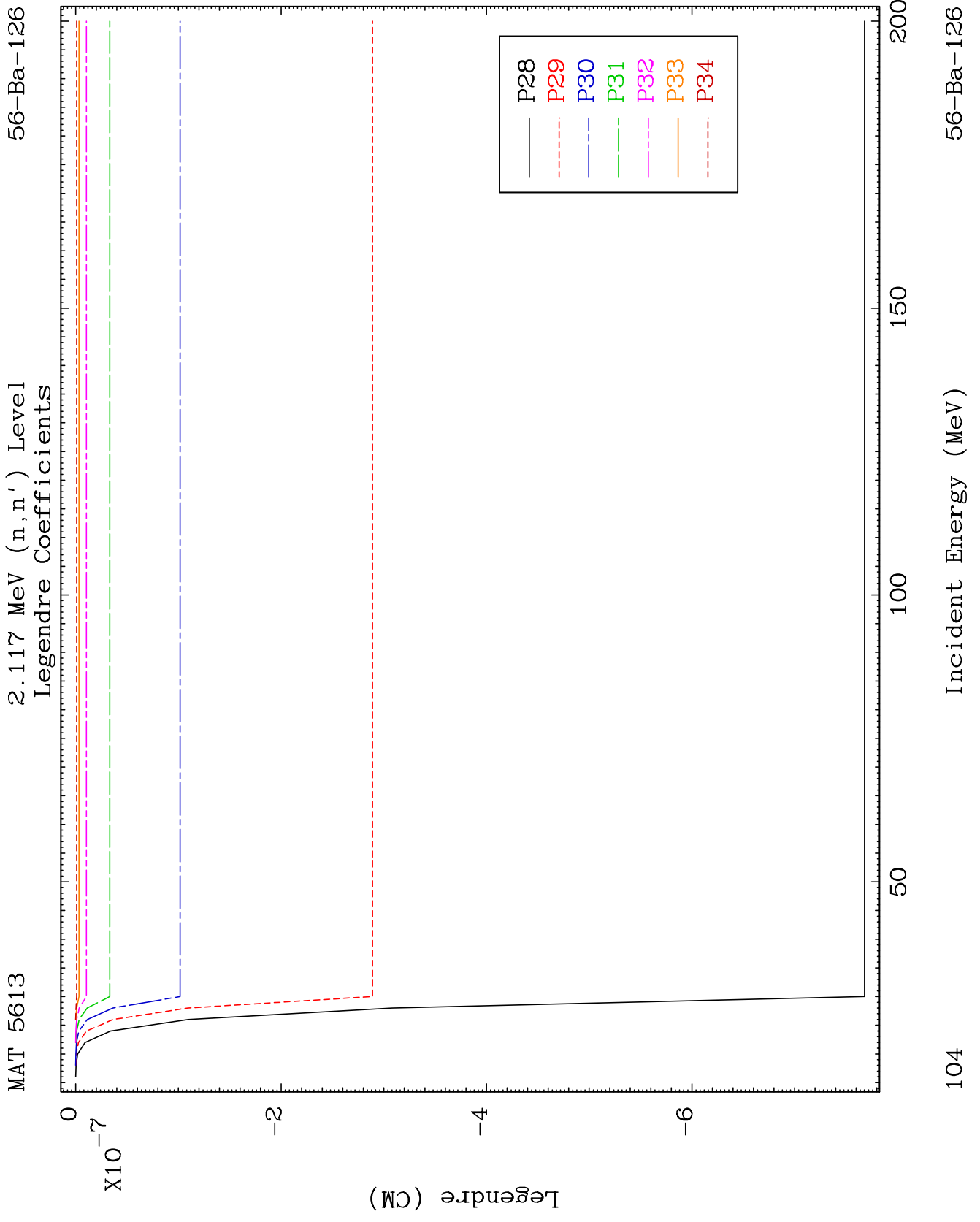
56-Ba-126



103

Incident Energy (MeV)

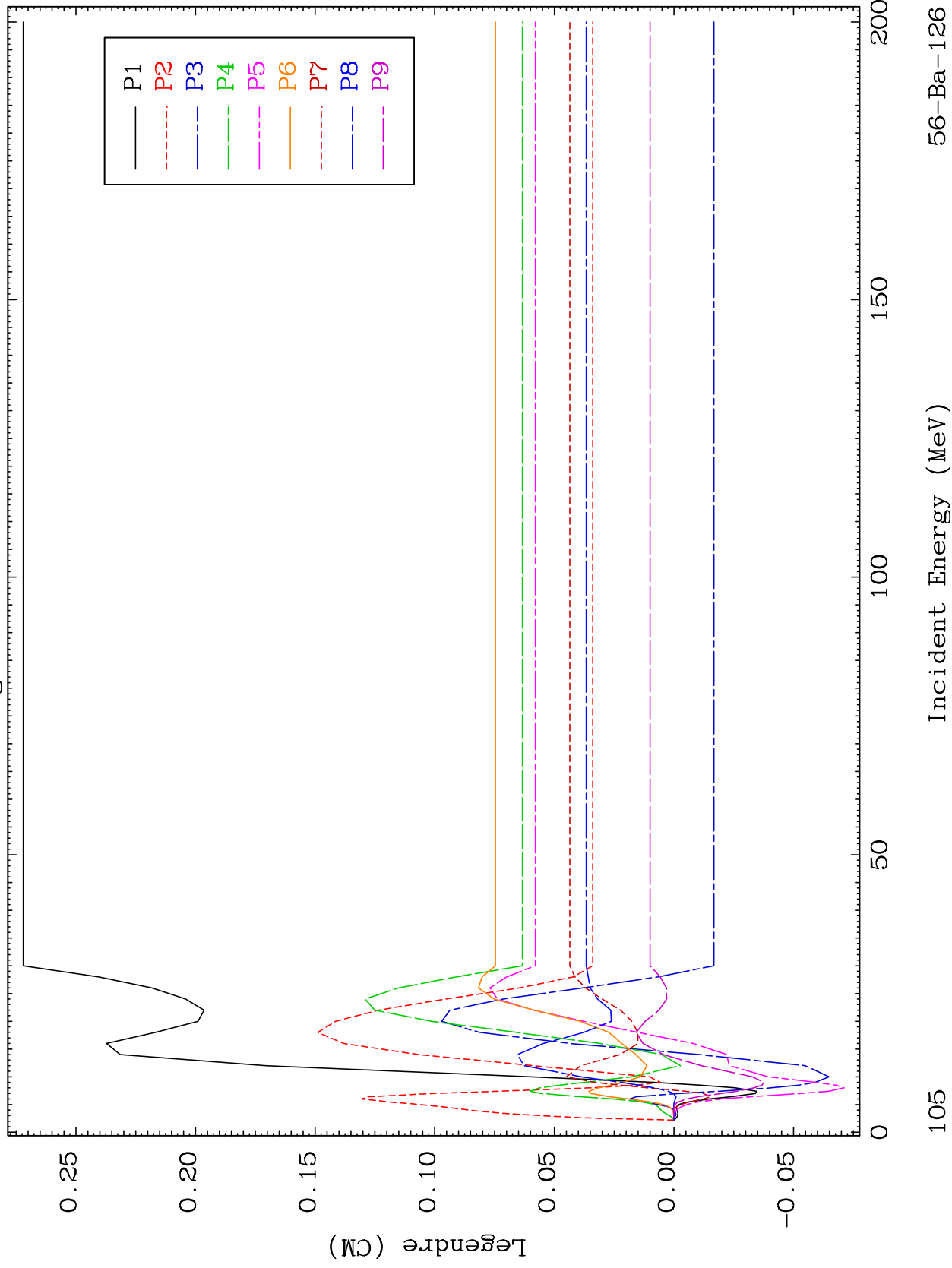
56-Ba-126



MAT 5613

2.179 MeV (n, n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

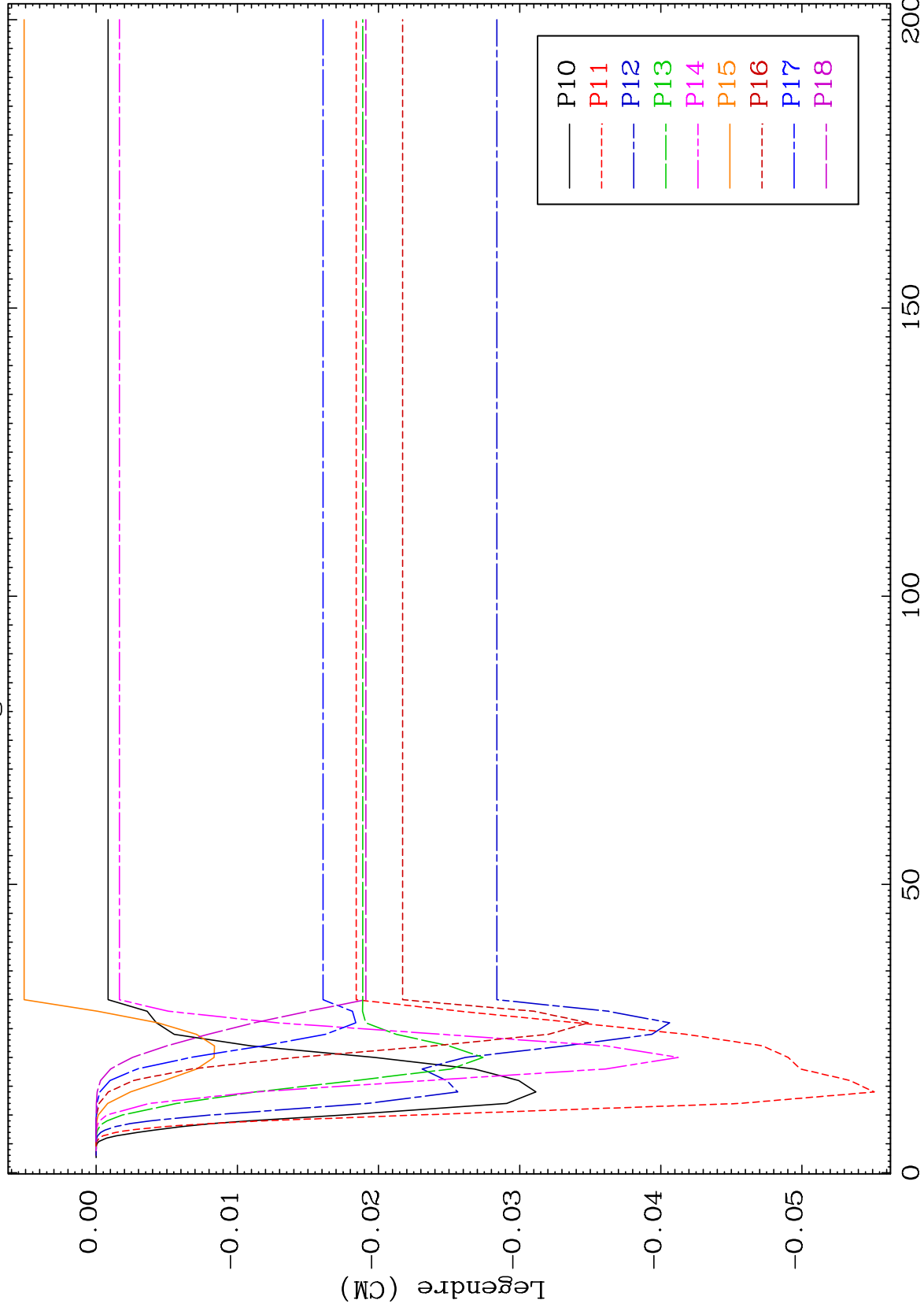
Incident Energy (MeV)

105

MAT 5613

2.179 MeV (n, n') Level
Legendre Coefficients

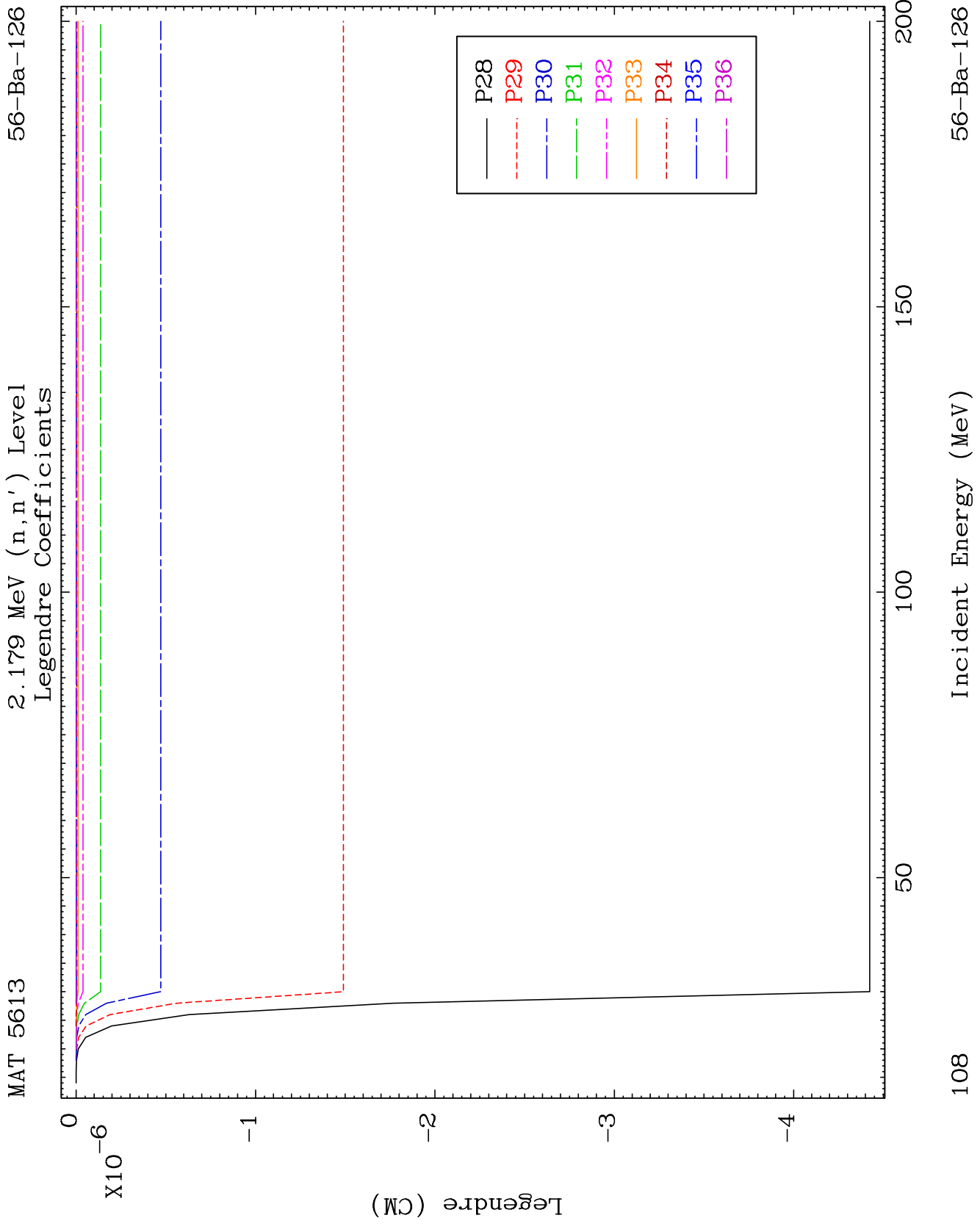
56-Ba-126

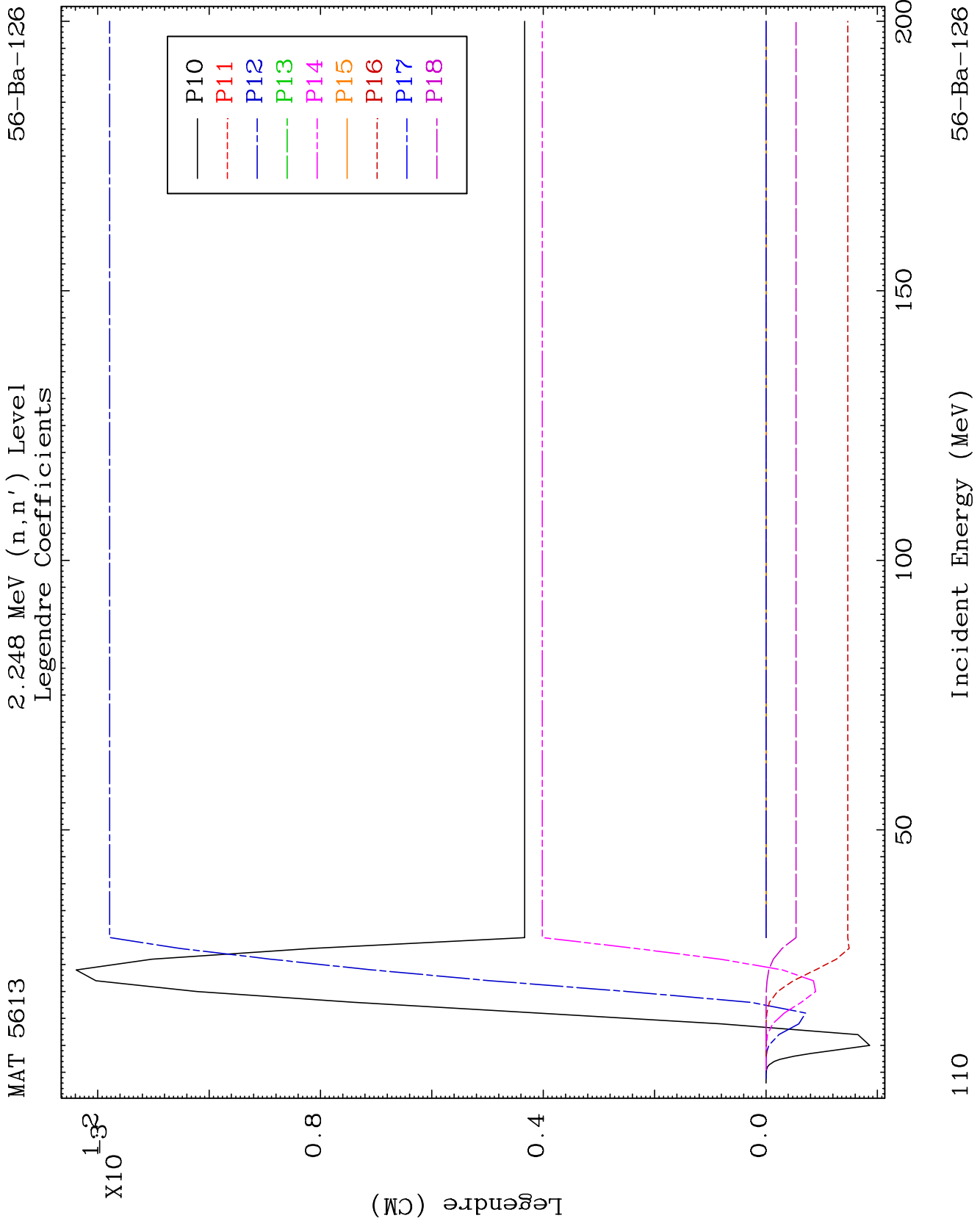


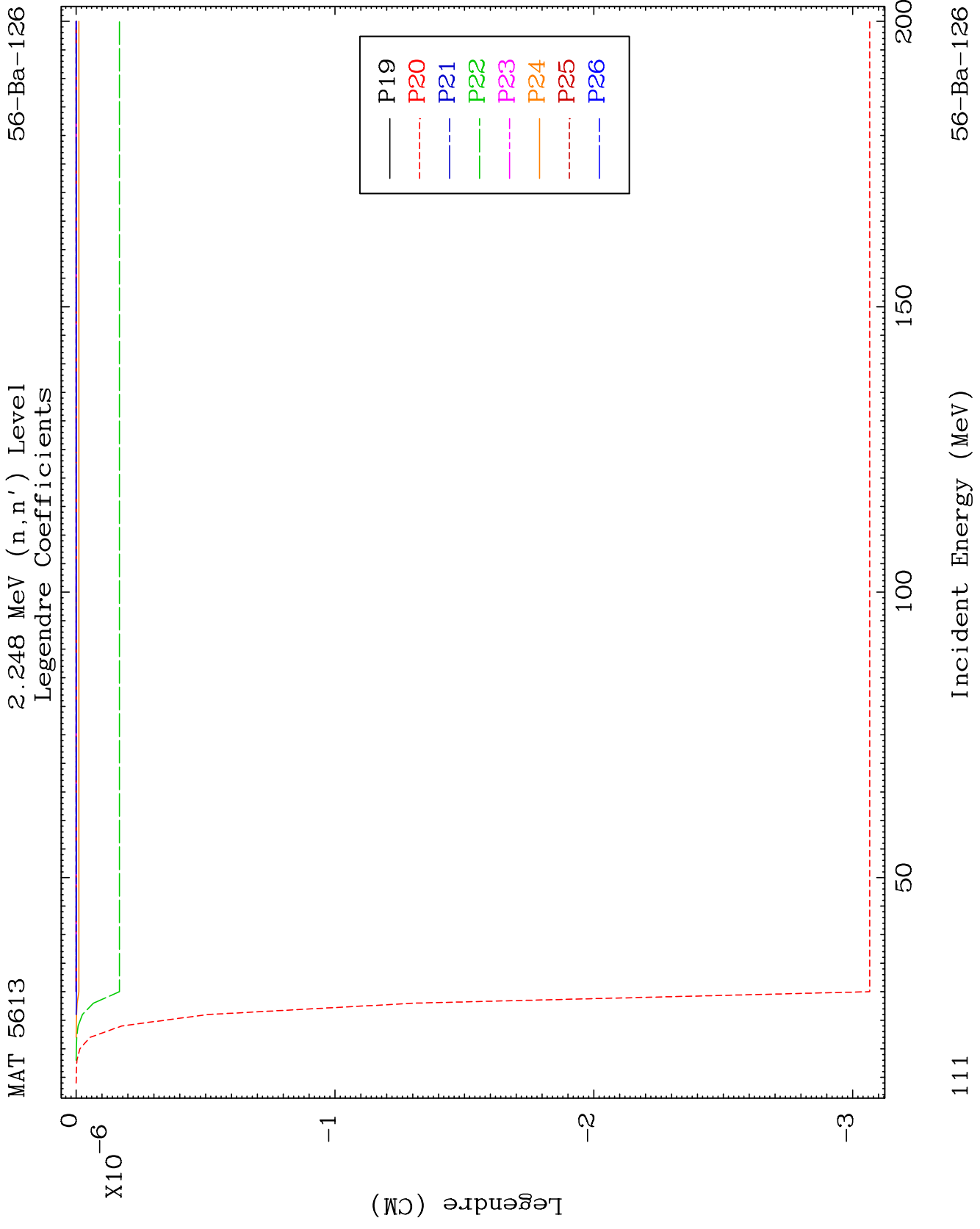
106

Incident Energy (MeV)

56-Ba-126



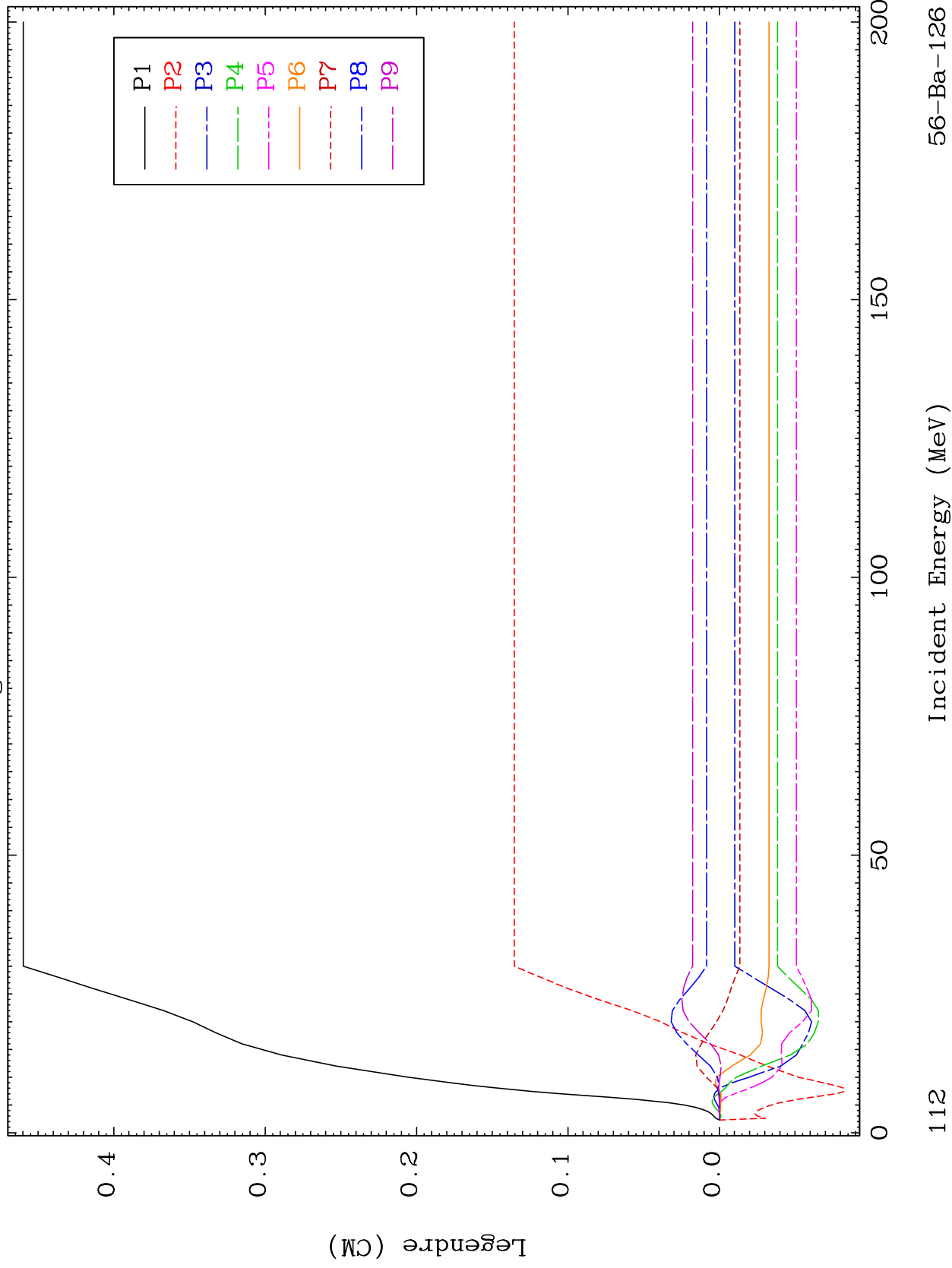


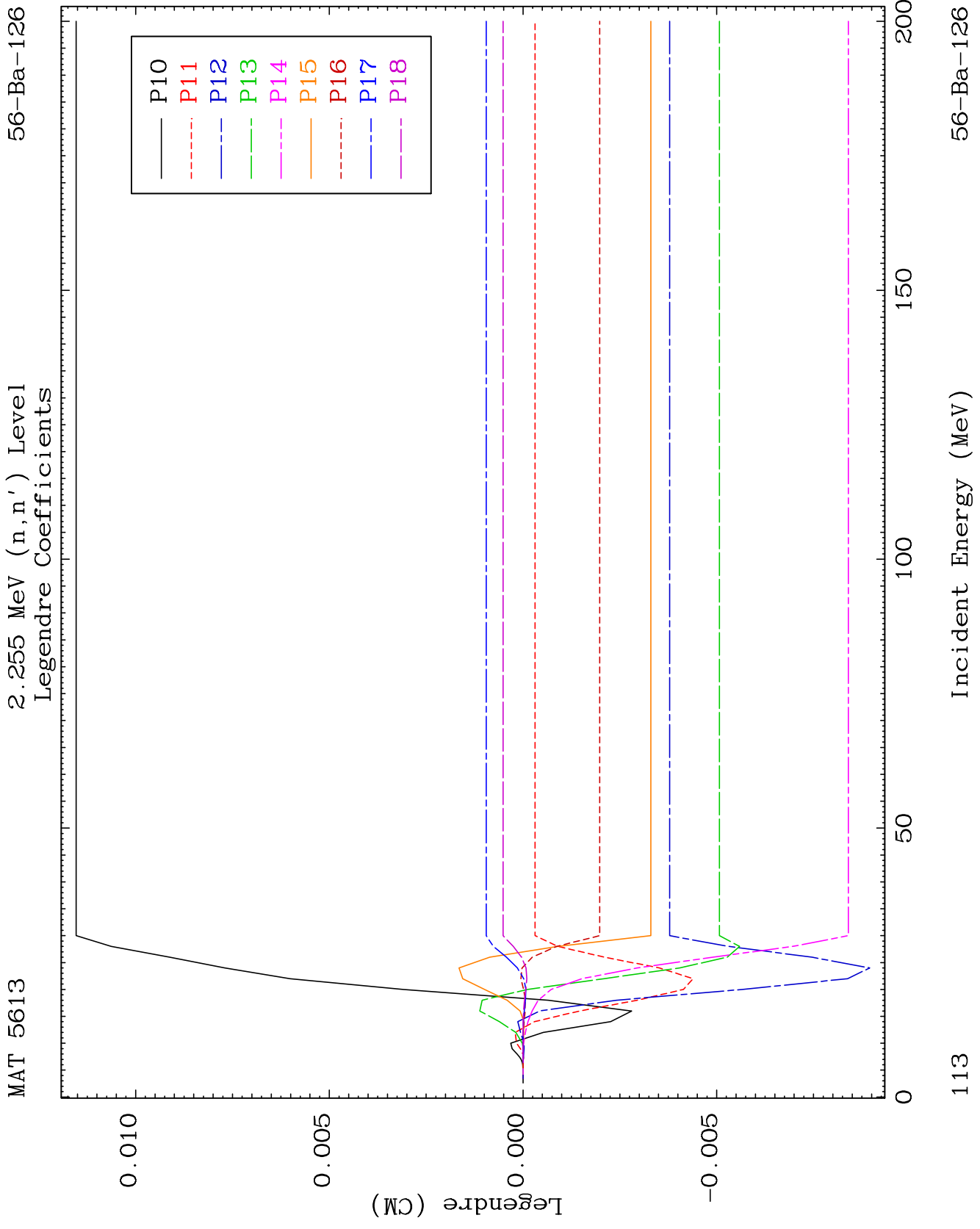


MAT 5613

2.255 MeV (n,n') Level
Legendre Coefficients

56-Ba-126

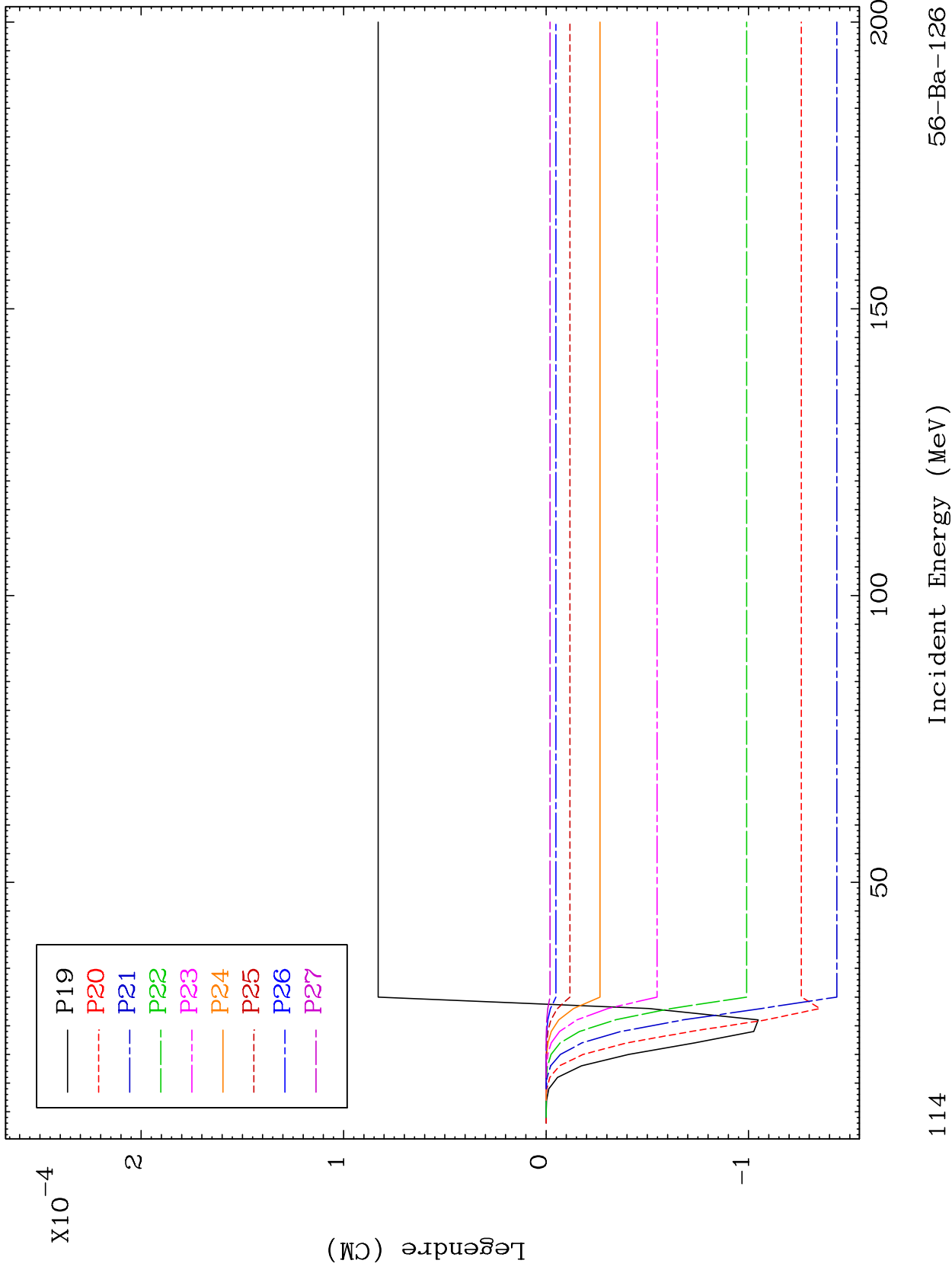




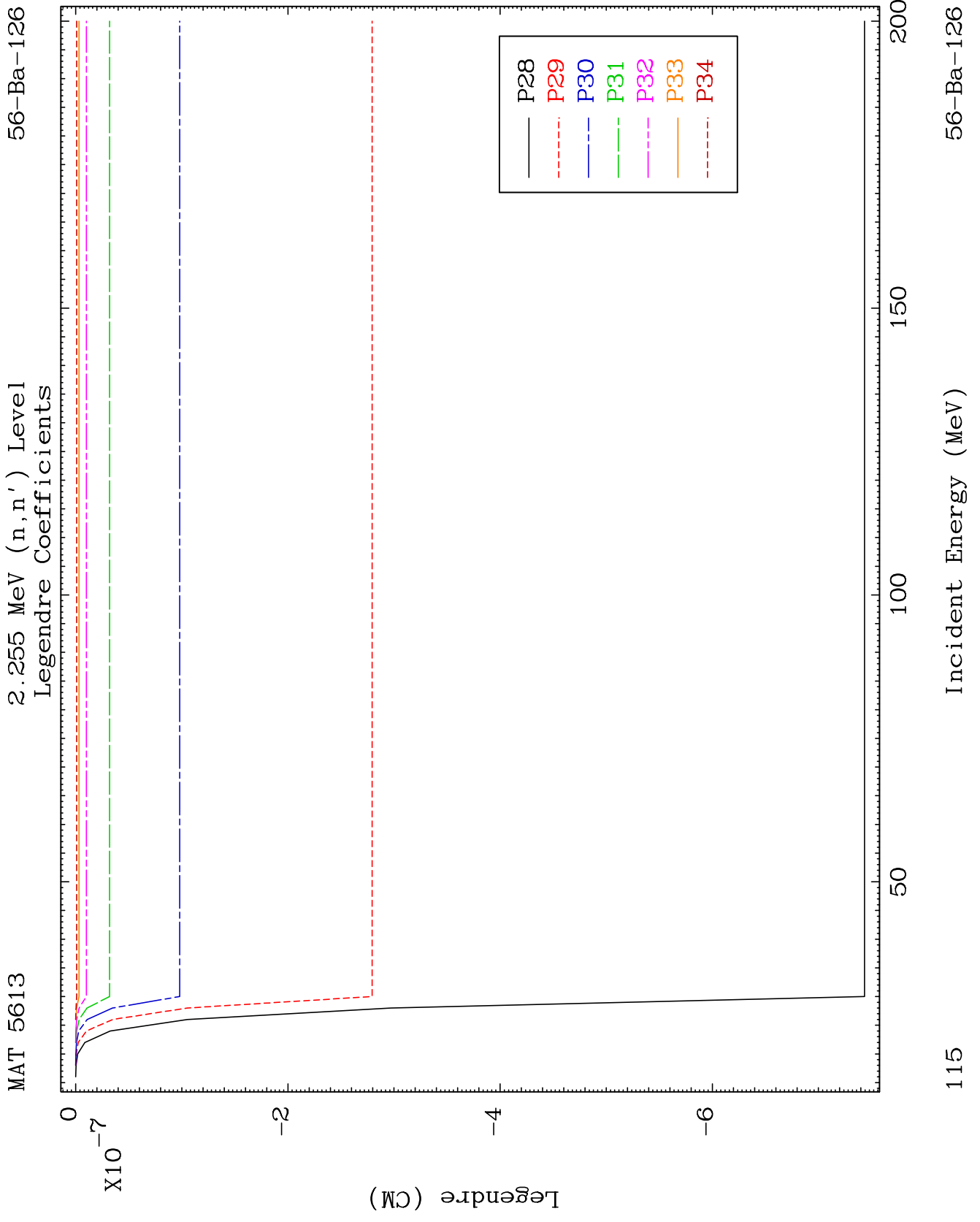
MAT 5613

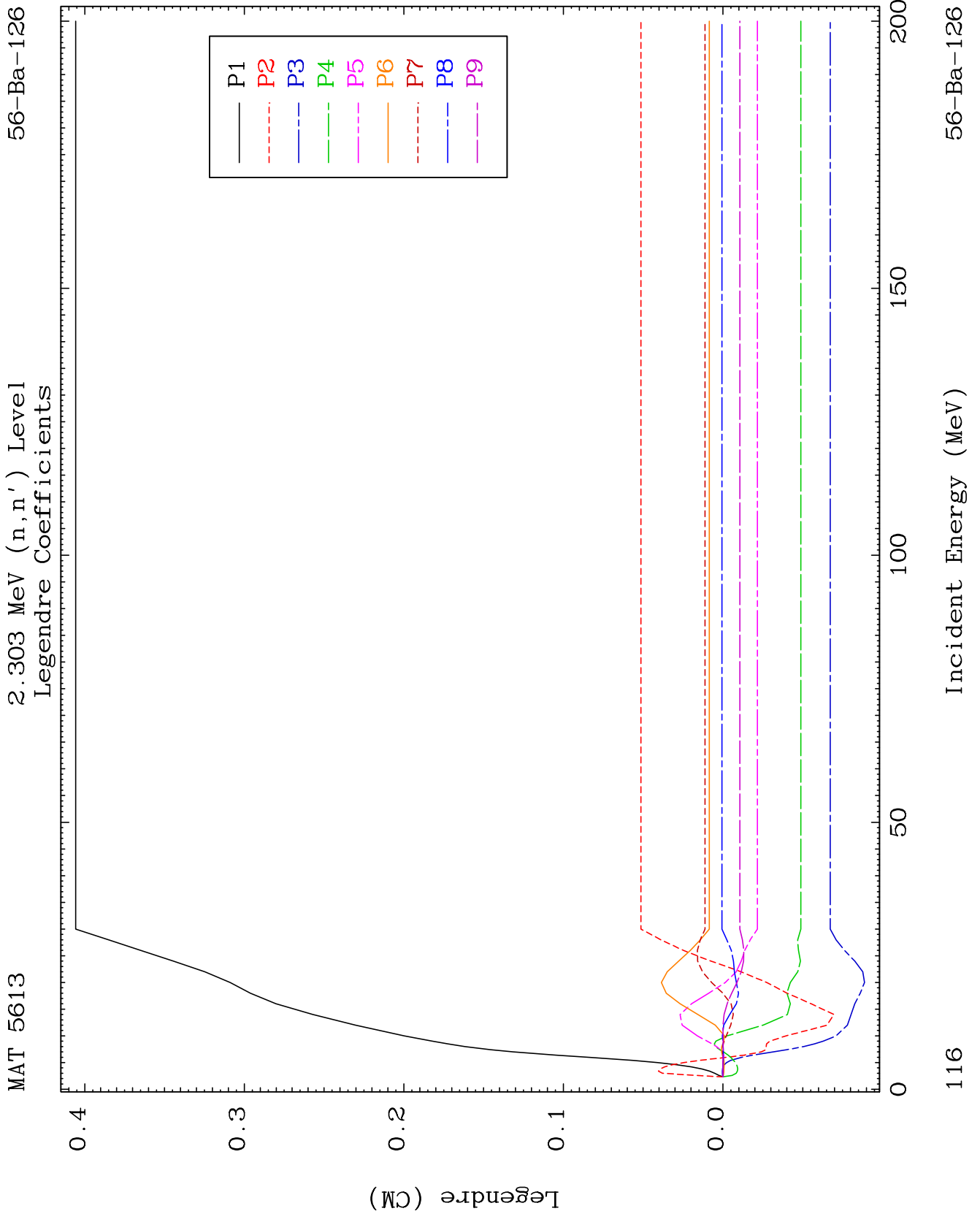
2.255 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



114

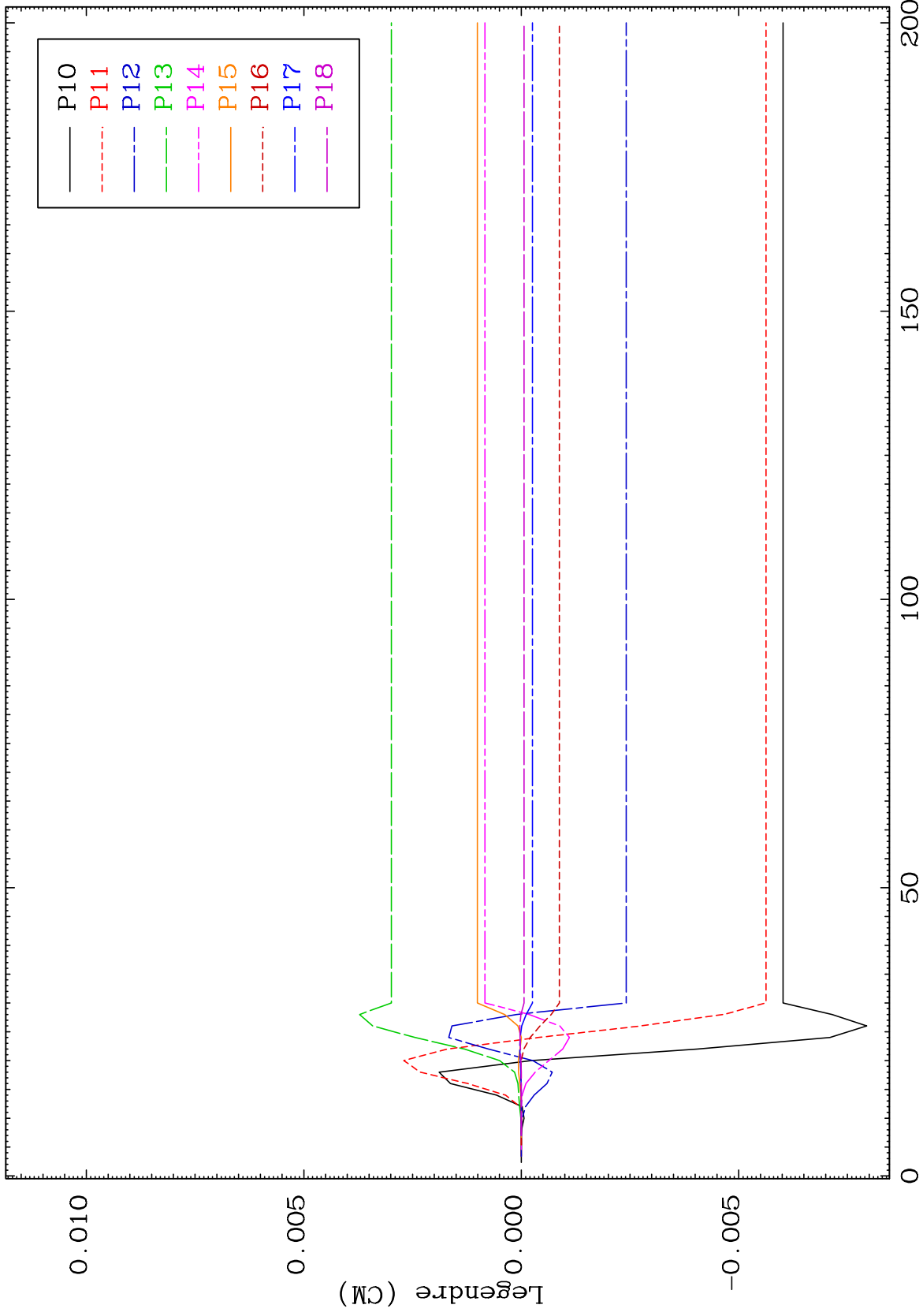




MAT 5613

2.303 MeV (n,n') Level
Legendre Coefficients

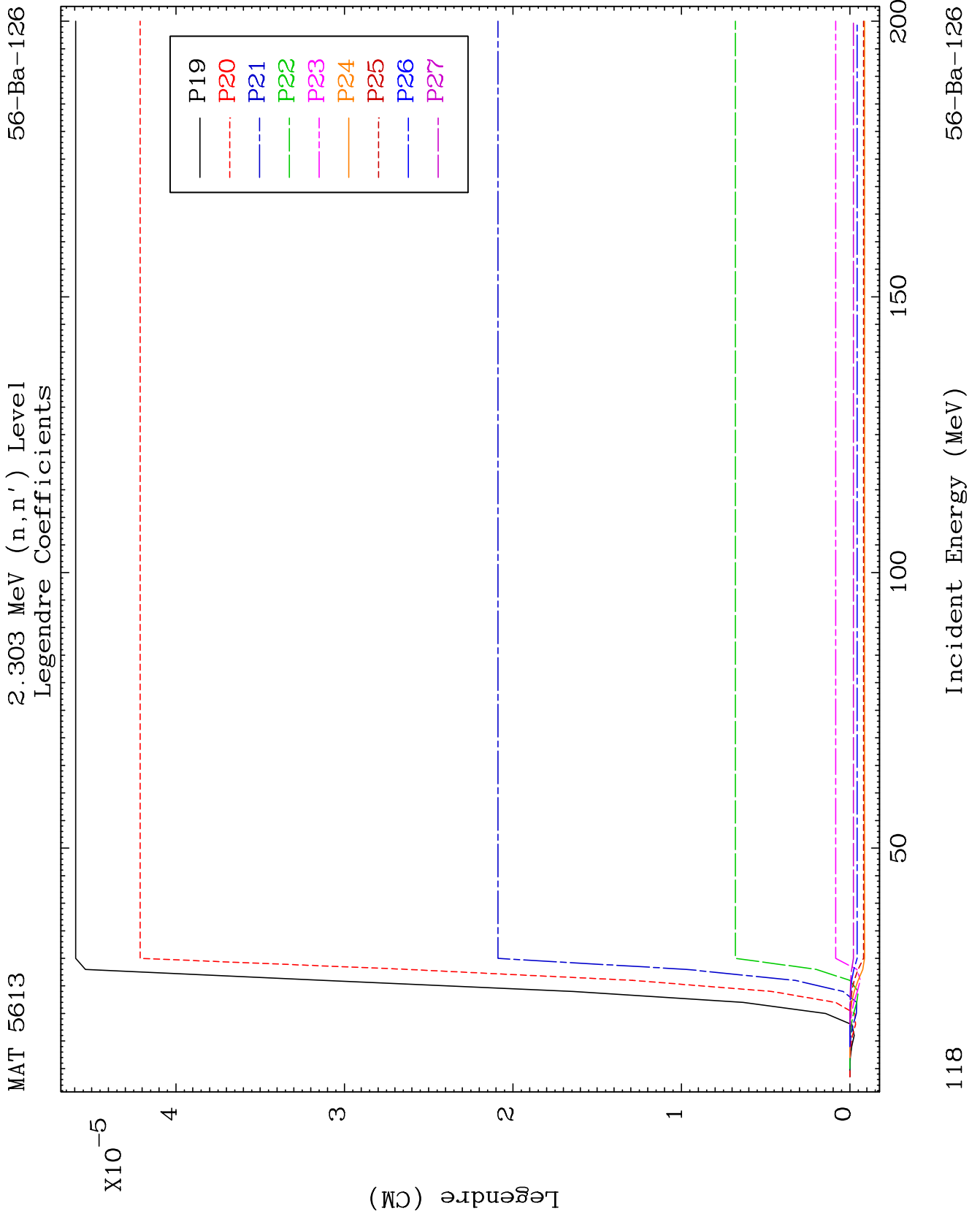
56-Ba-126

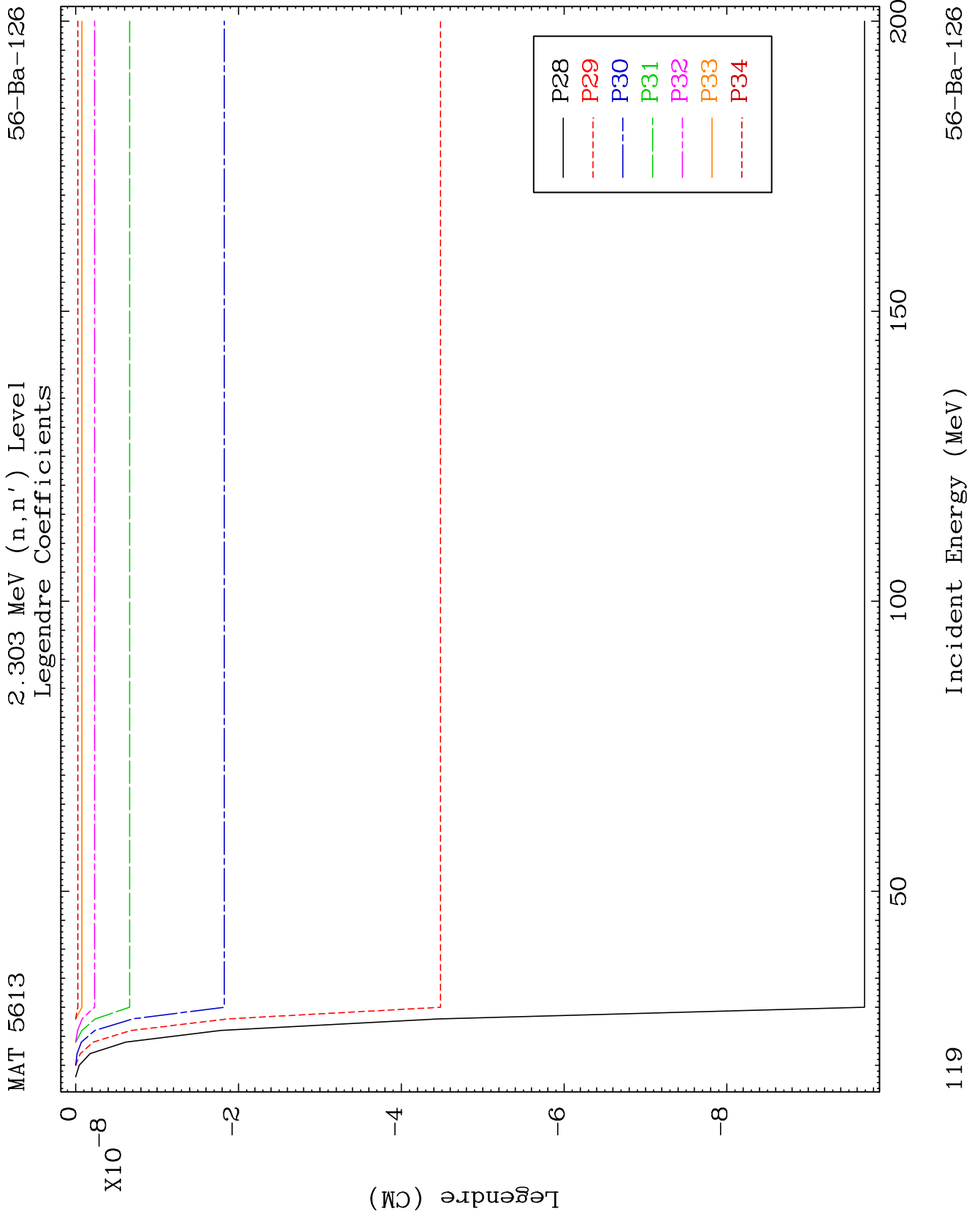


117

Incident Energy (MeV)

56-Ba-126

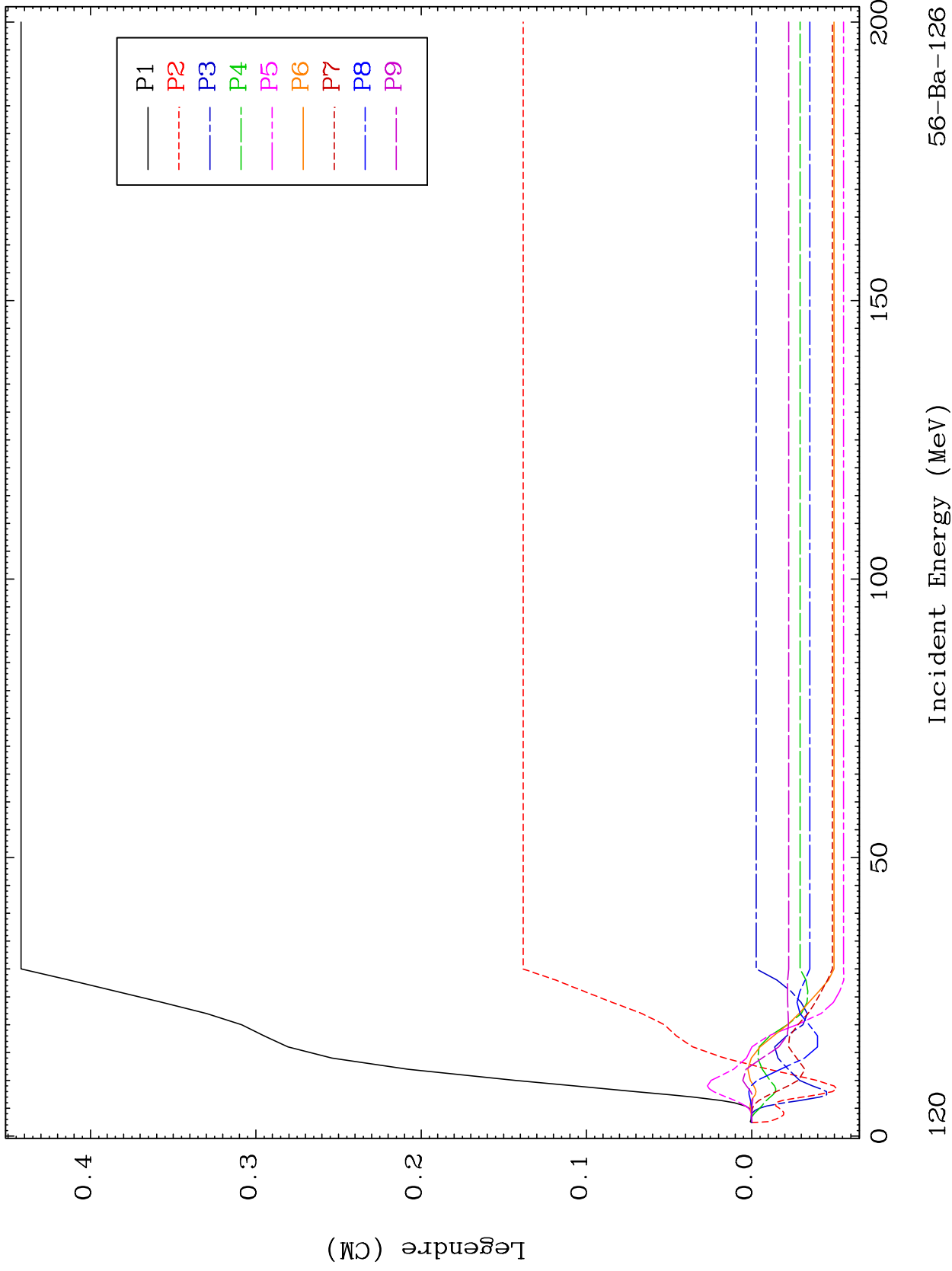




MAT 5613

2.379 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



56-Ba-126

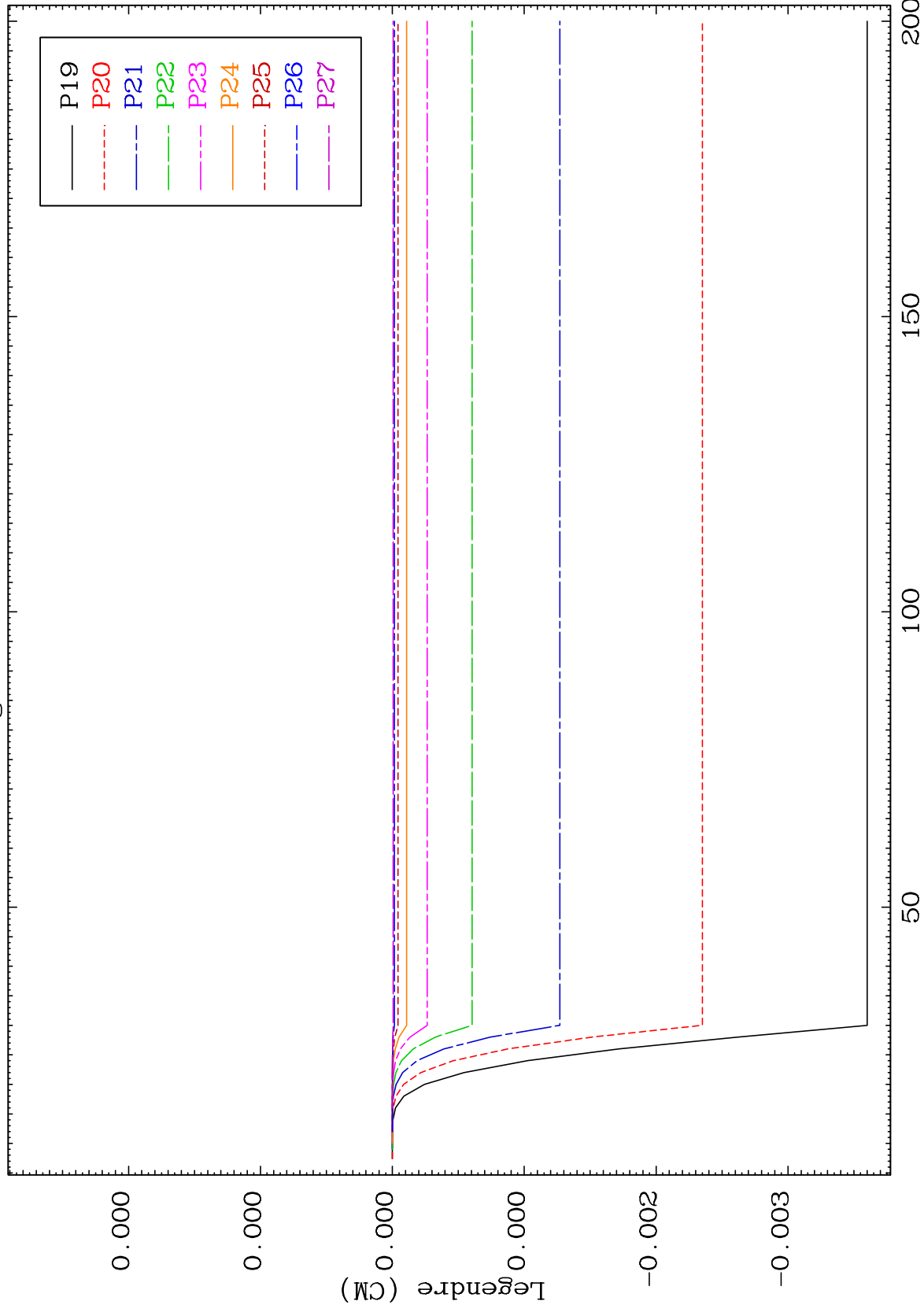
Incident Energy (MeV)

120

MAT 5613

2.379 MeV (n,n') Level
Legendre Coefficients

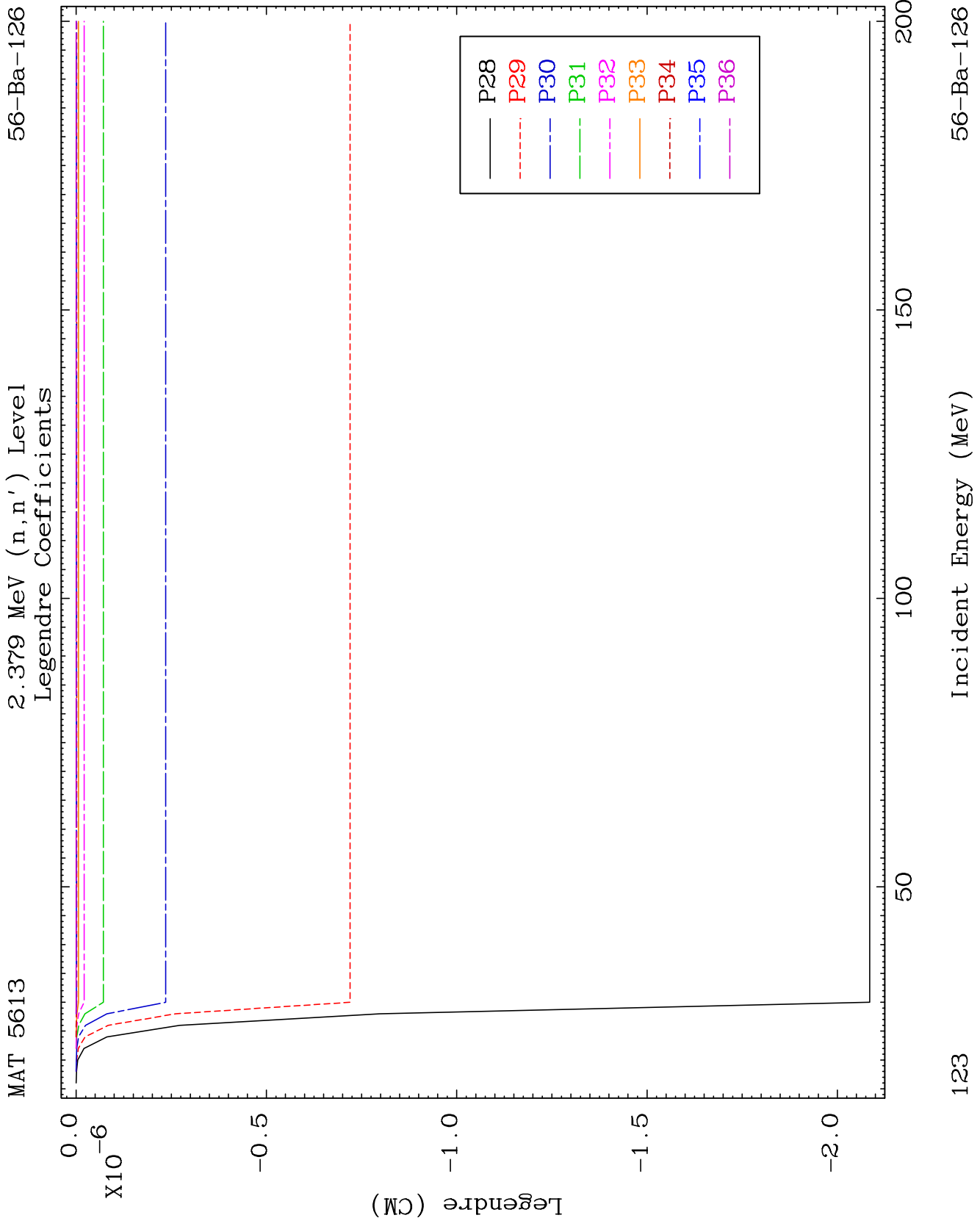
56-Ba-126



122

Incident Energy (MeV)

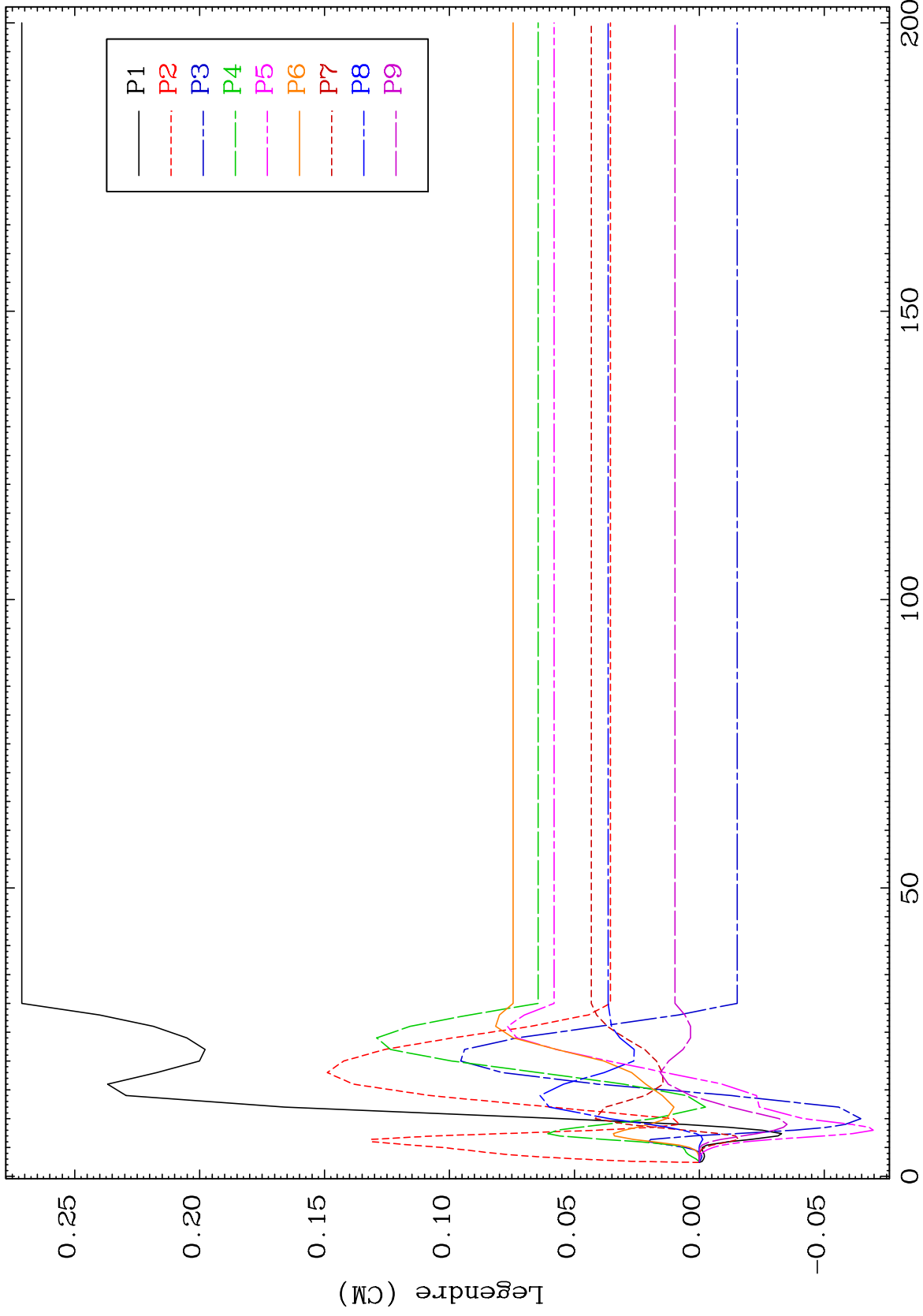
56-Ba-126



MAT 5613

2.386 MeV (n,n') Level
Legendre Coefficients

56-Ba-126



124

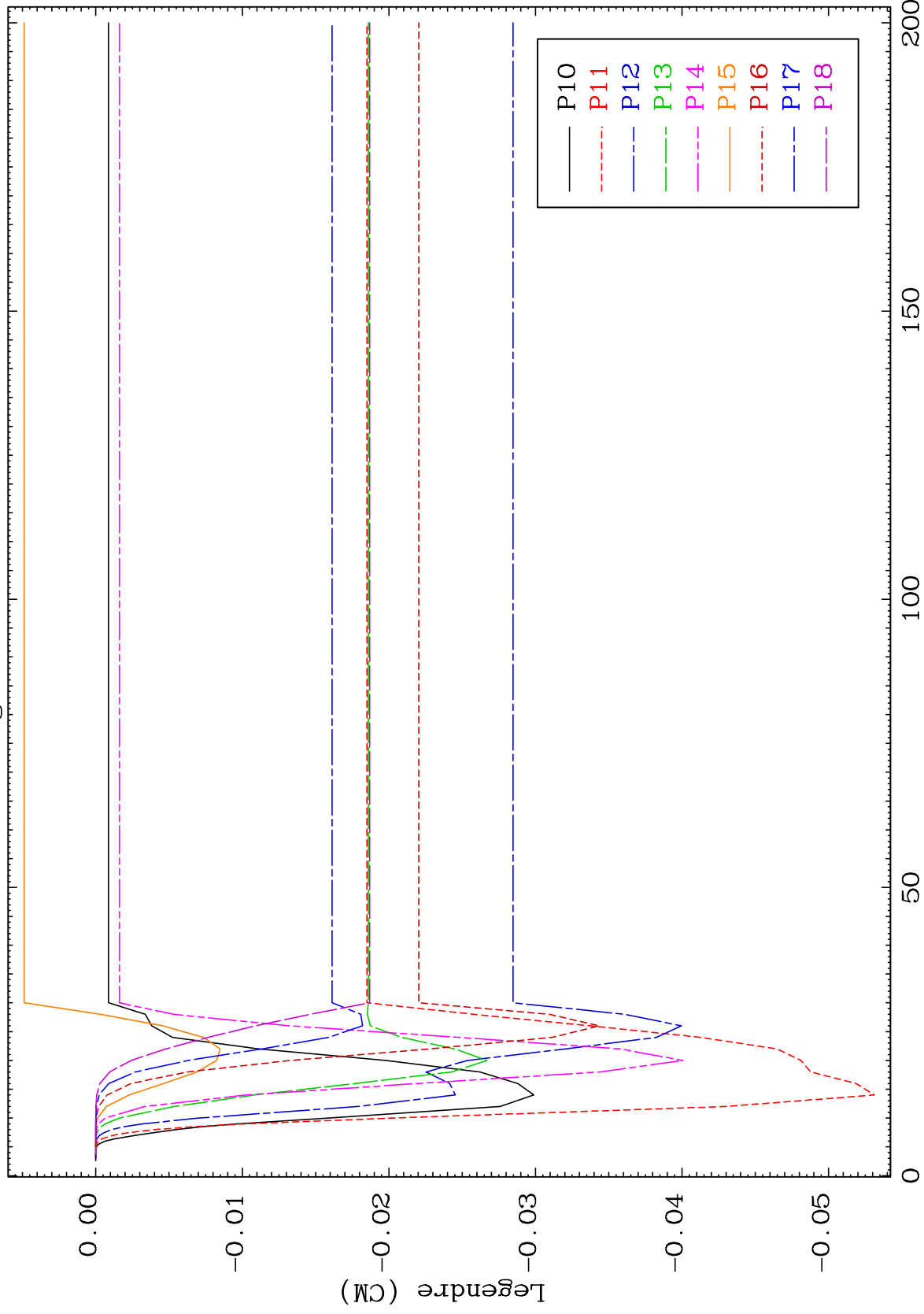
Incident Energy (MeV)

56-Ba-126

MAT 5613

2.386 MeV (n,n') Level
Legendre Coefficients

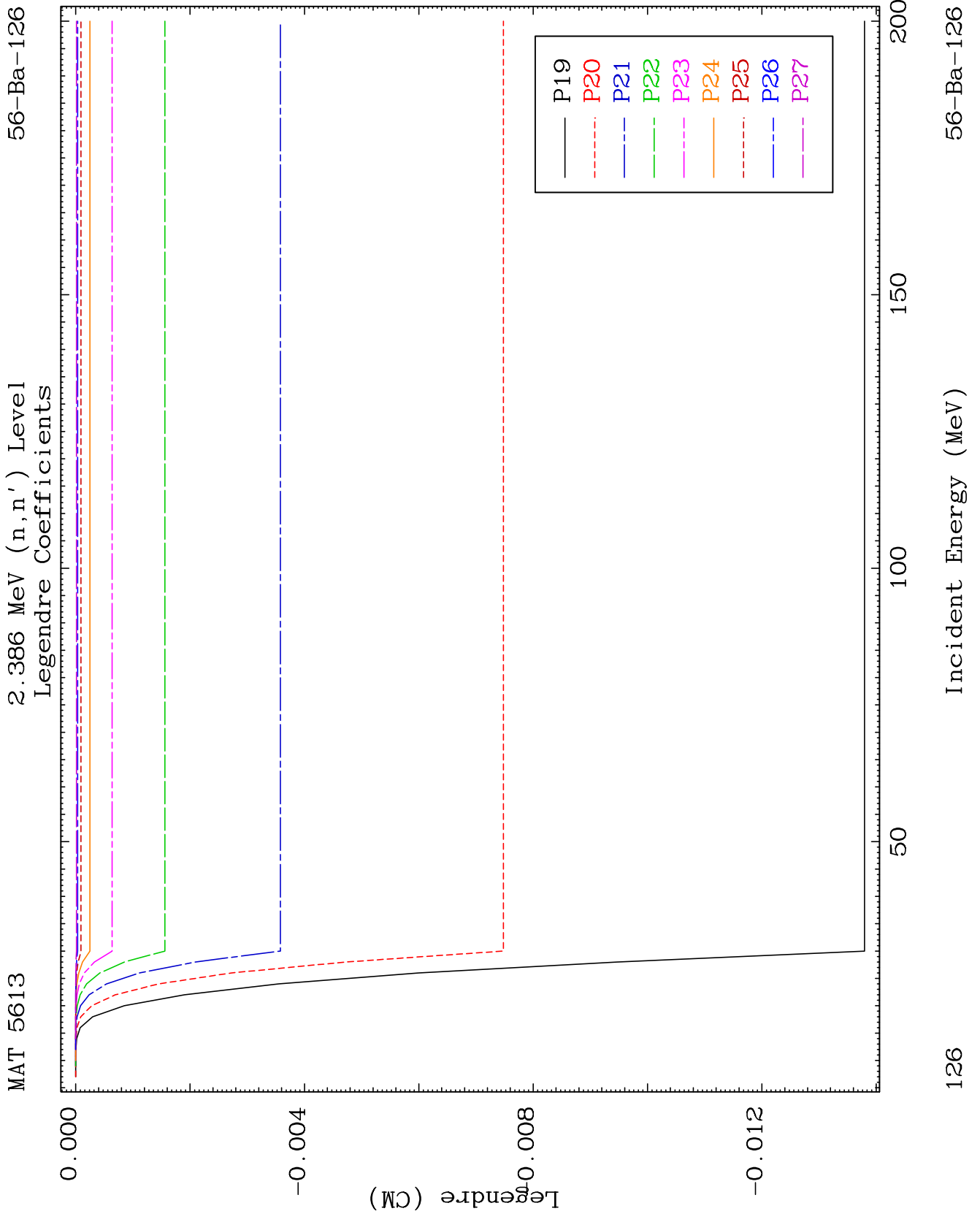
56-Ba-126

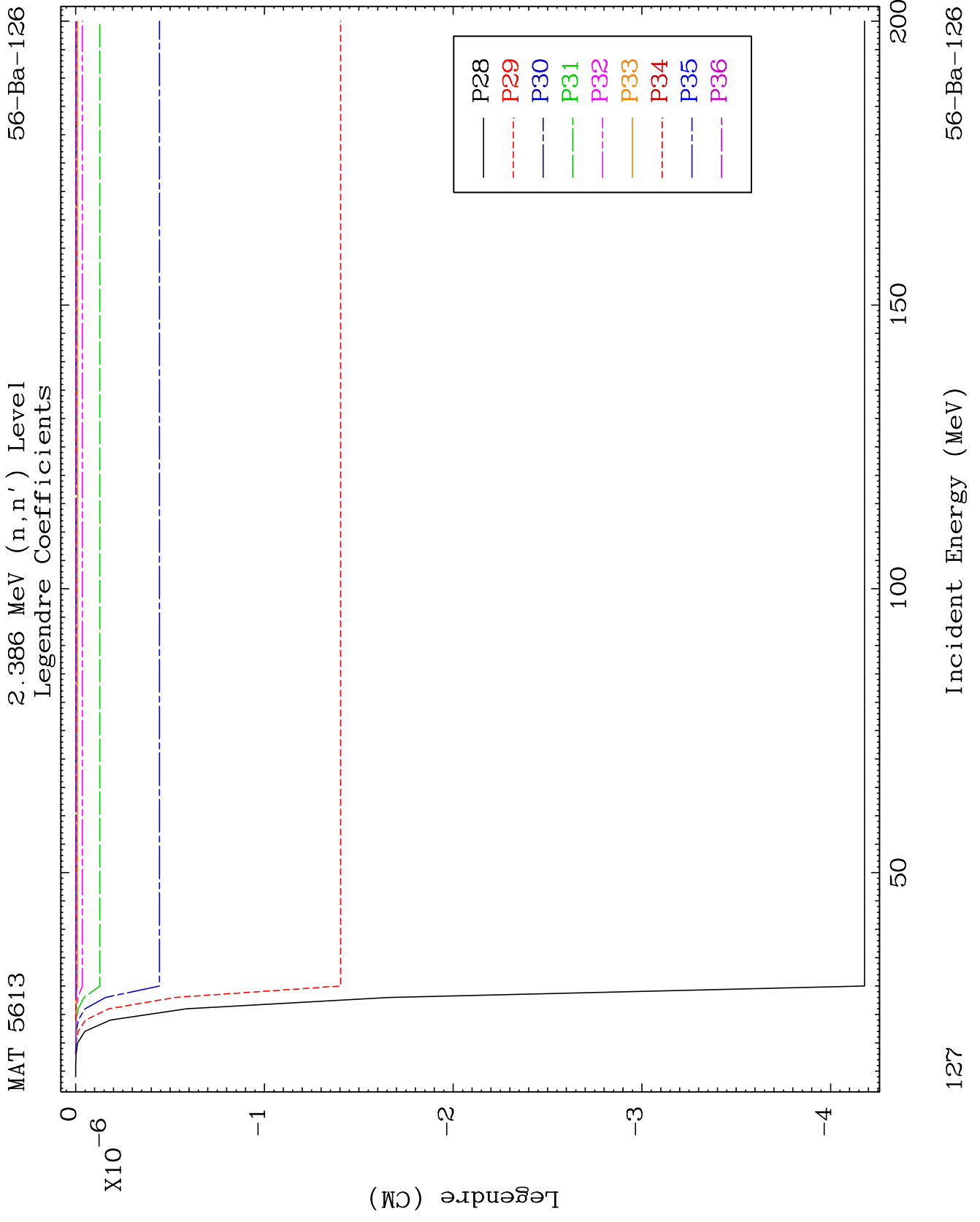


56-Ba-126

Incident Energy (MeV)

125



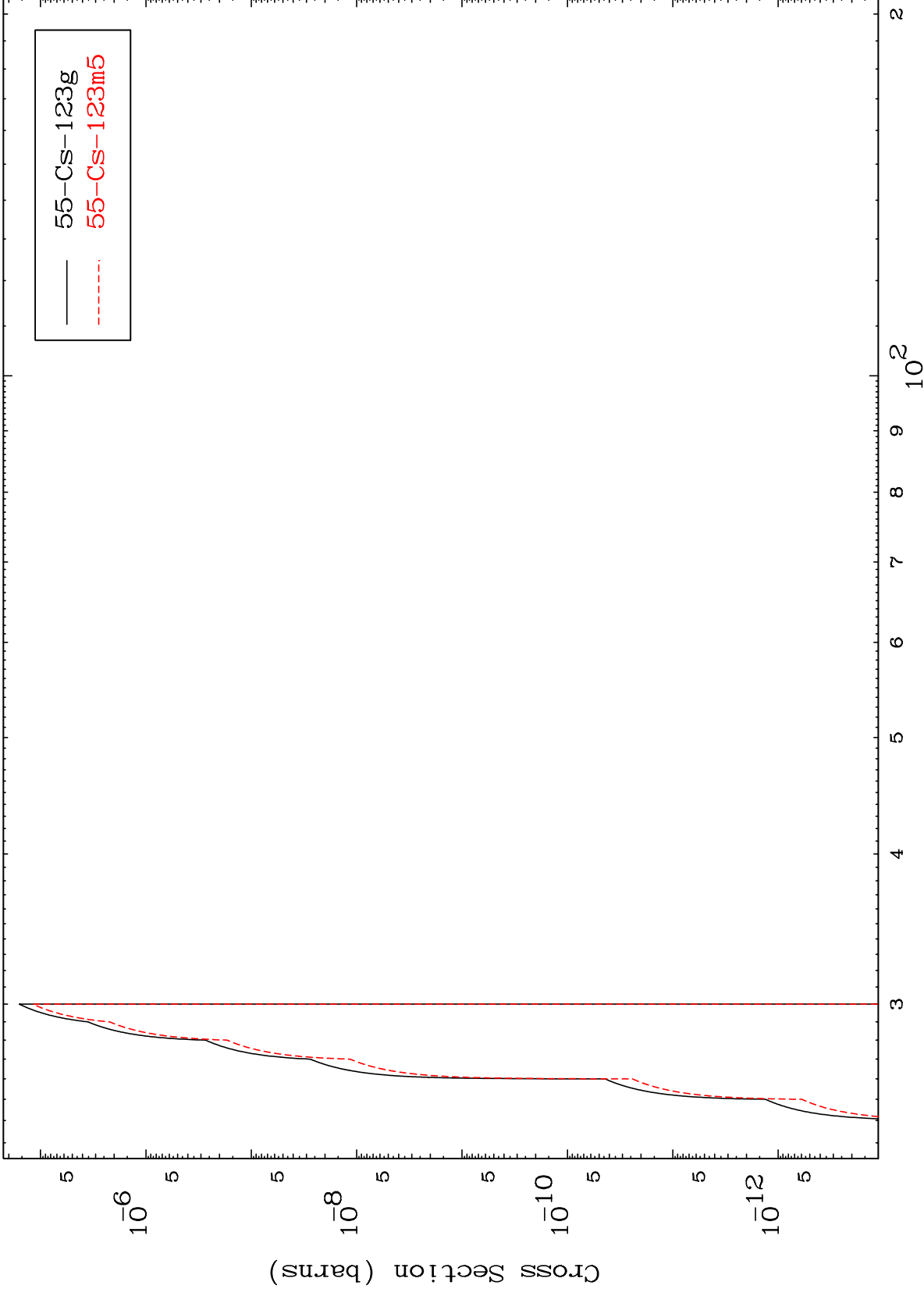


MAT 5613

(n,2n) d

56-Ba-126

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

128

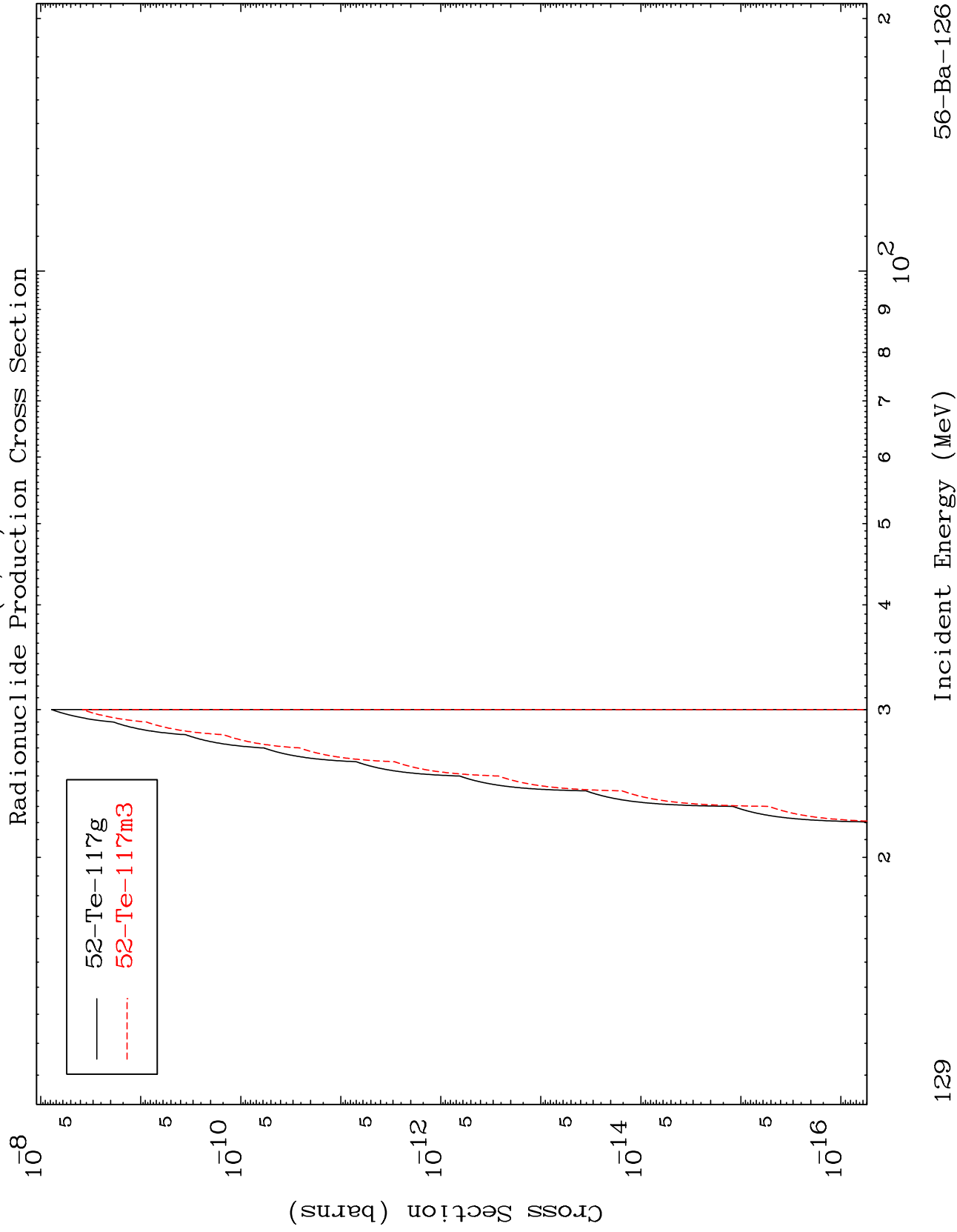
Incident Energy (MeV)

56-Ba-126

MAT 5613

(n,2n) 2 α

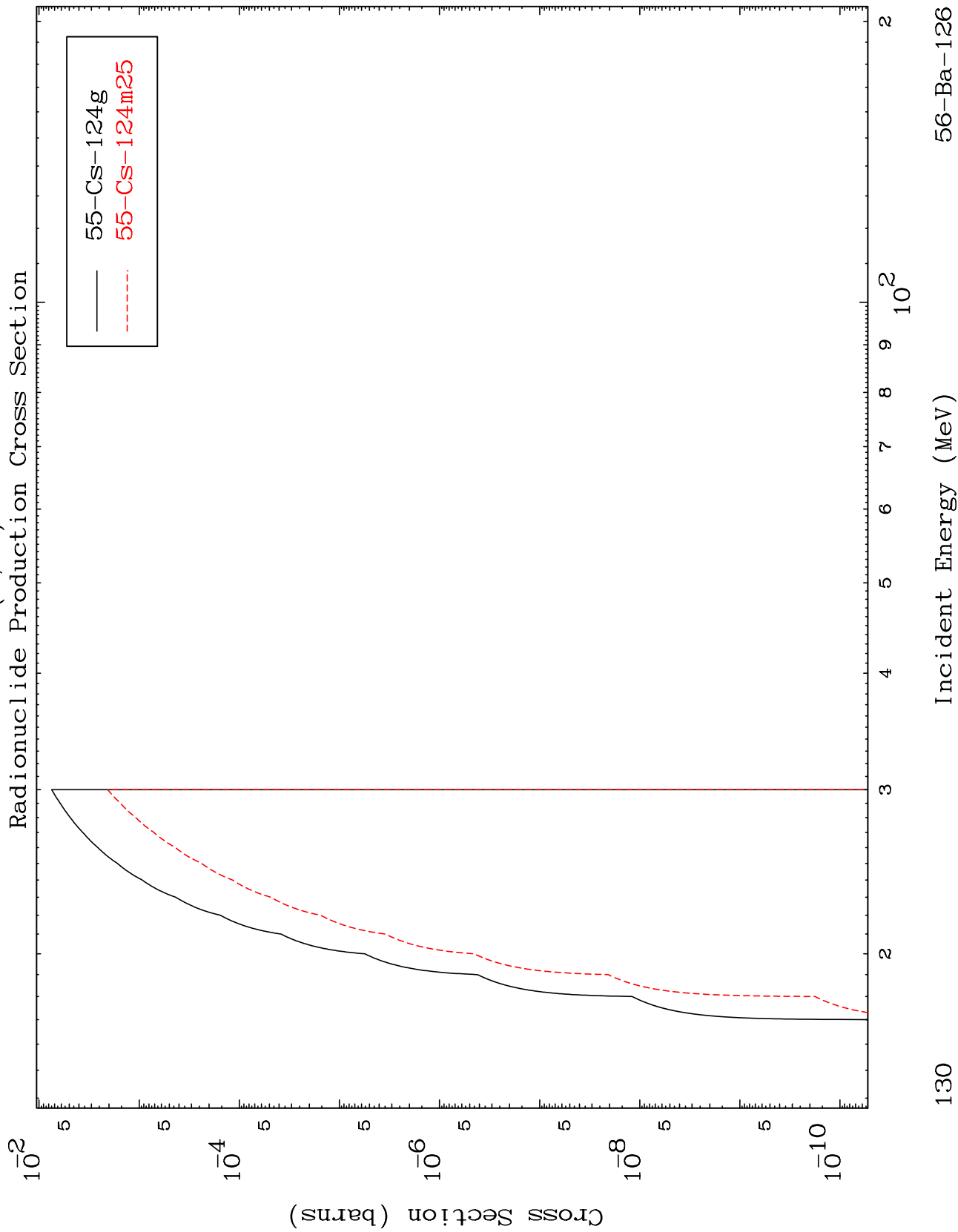
56-Ba-126



MAT 5613

(n,n') d

56-Ba-126



130

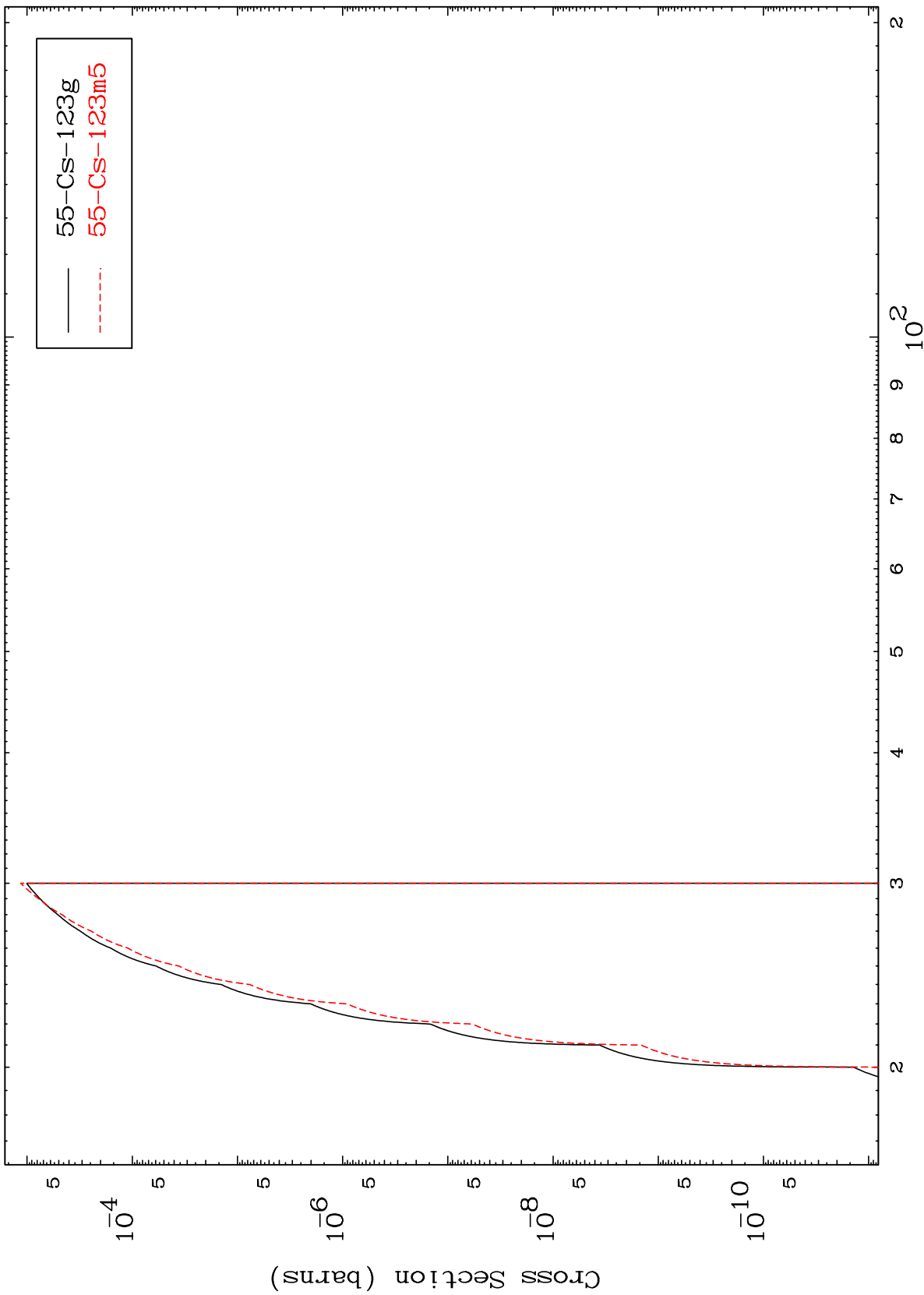
56-Ba-126

MAT 5613

(n,n') t

56-Ba-126

Radionuclide Production Cross Section



131

Incident Energy (MeV)

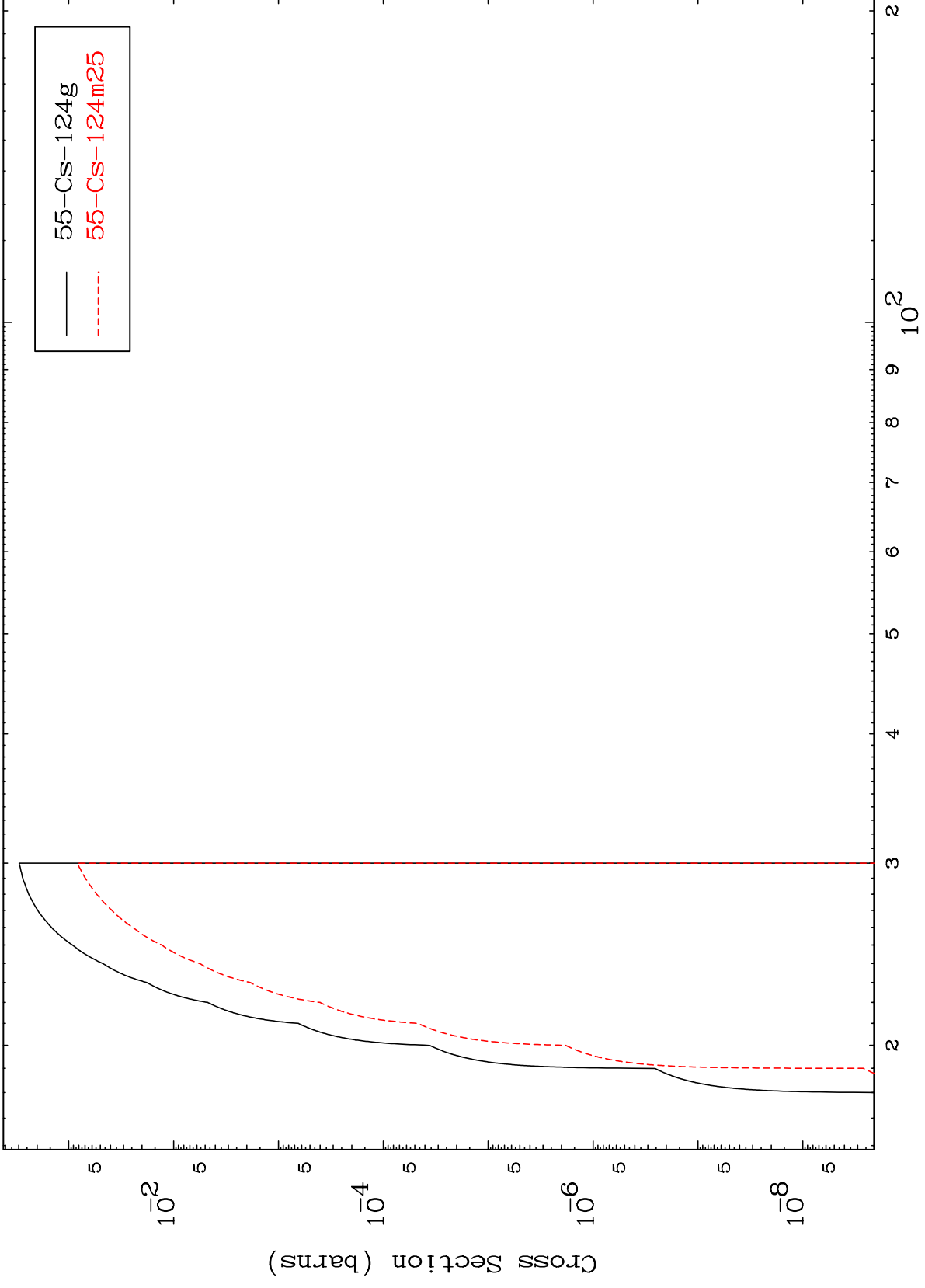
56-Ba-126

MAT 5613

(n,2n) p

56-Ba-126

Radionuclide Production Cross Section

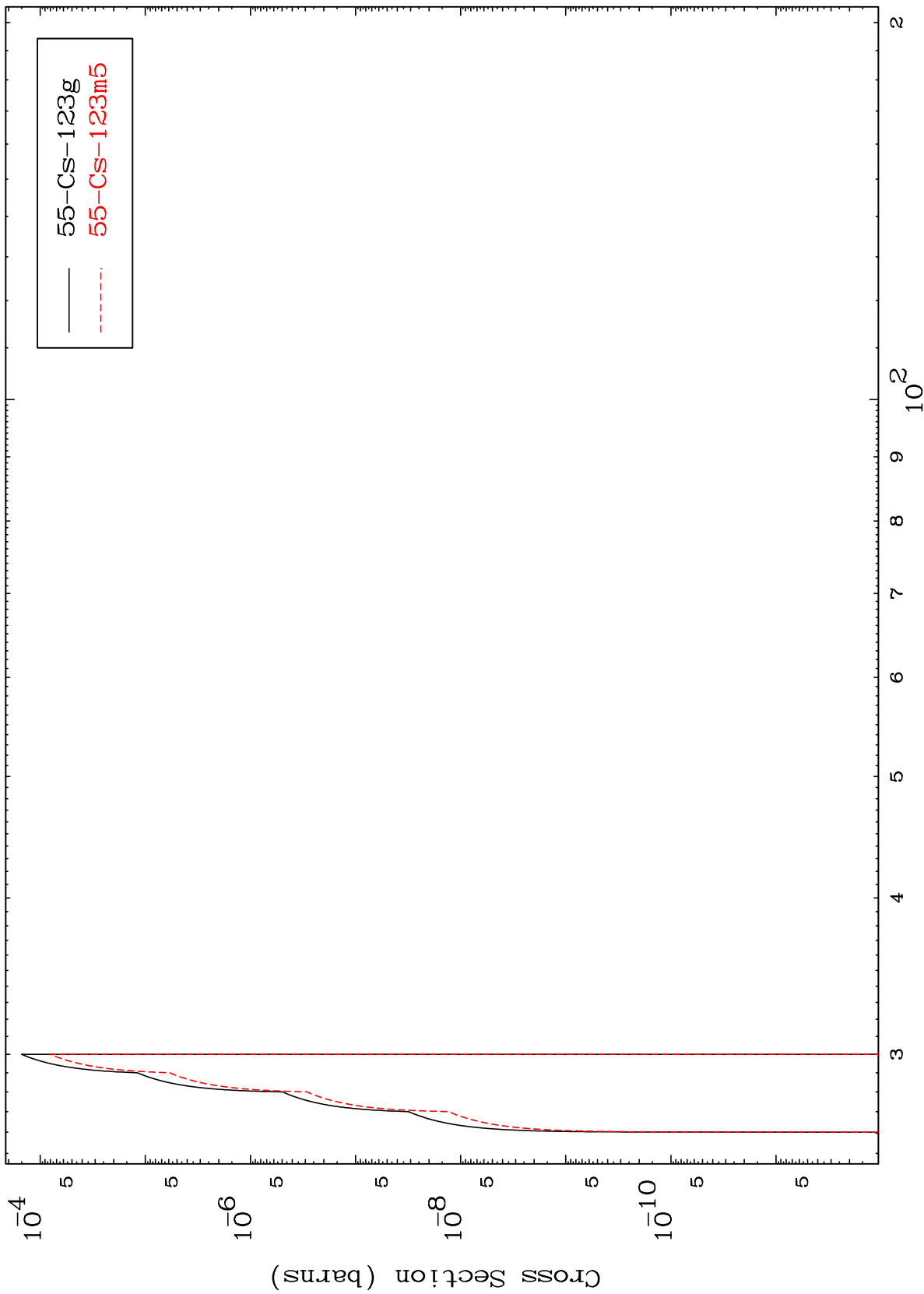


132

Incident Energy (MeV)

56-Ba-126

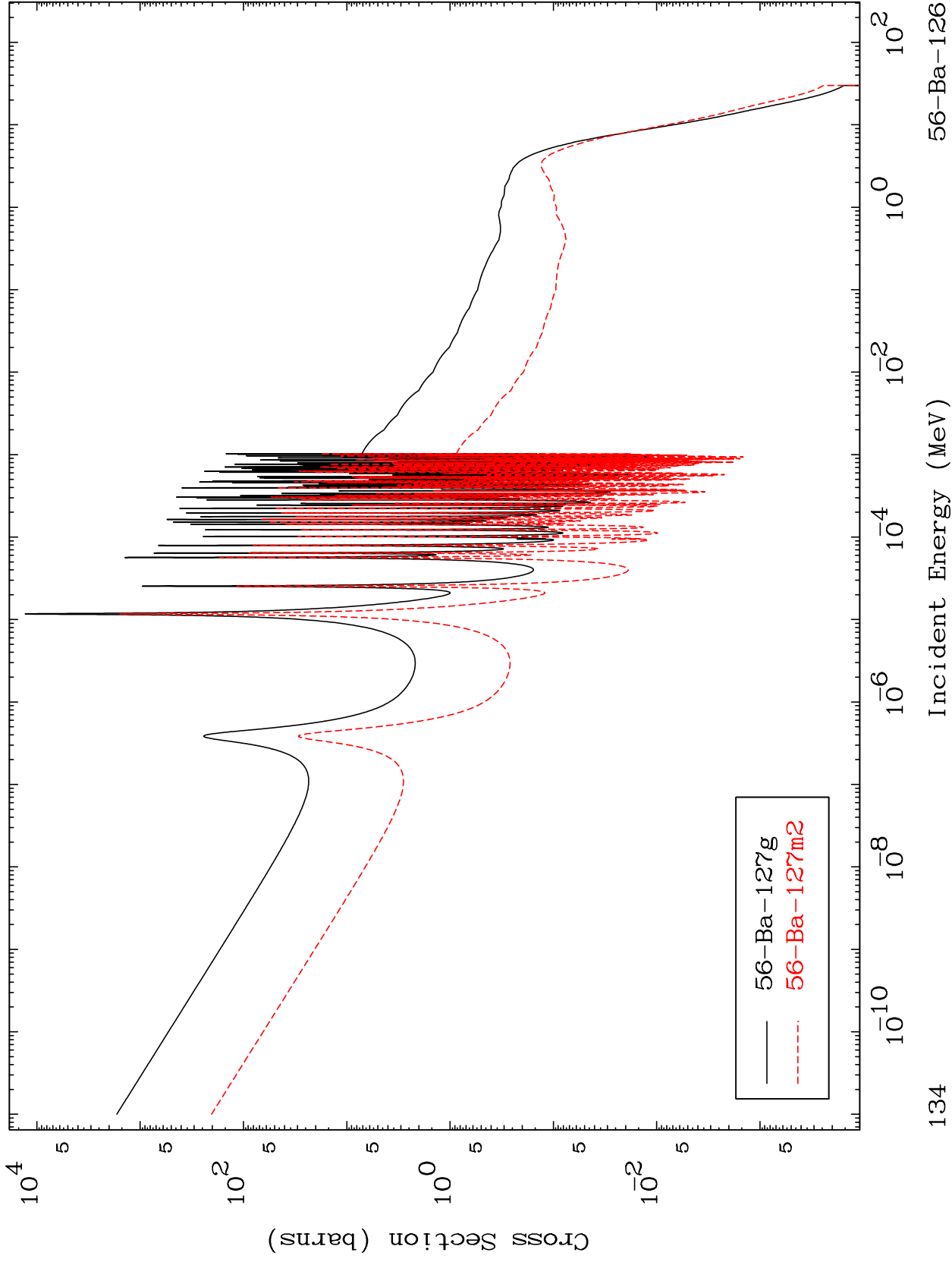
(n,3n) p
Radionuclide Production Cross Section



MAT 5613

56-Ba-126

(n, γ)
Radionuclide Production Cross Section

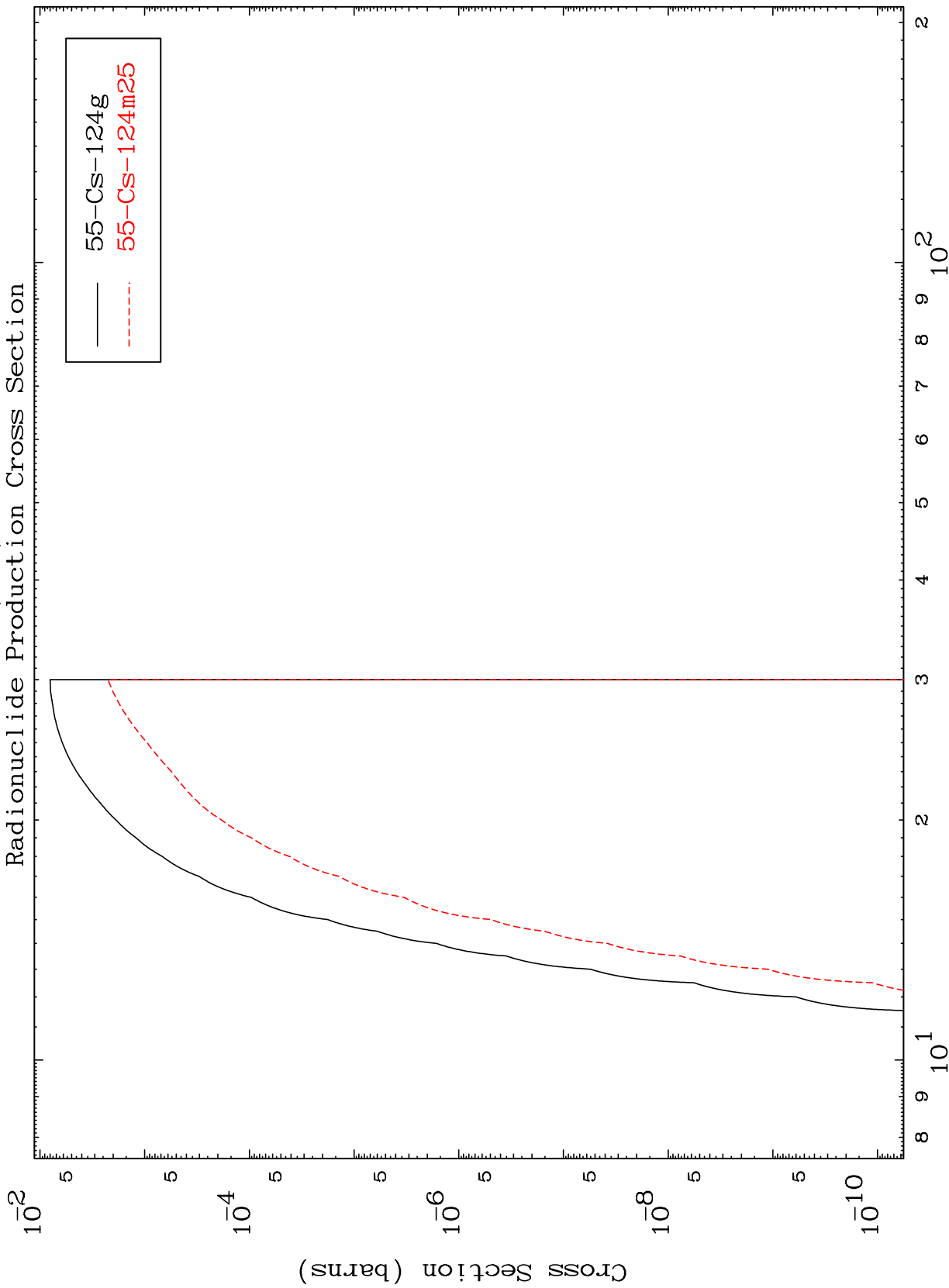


134

MAT 5613

56-Ba-126

(n, t)
Radionuclide Production Cross Section



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

135

Incident Energy (MeV)

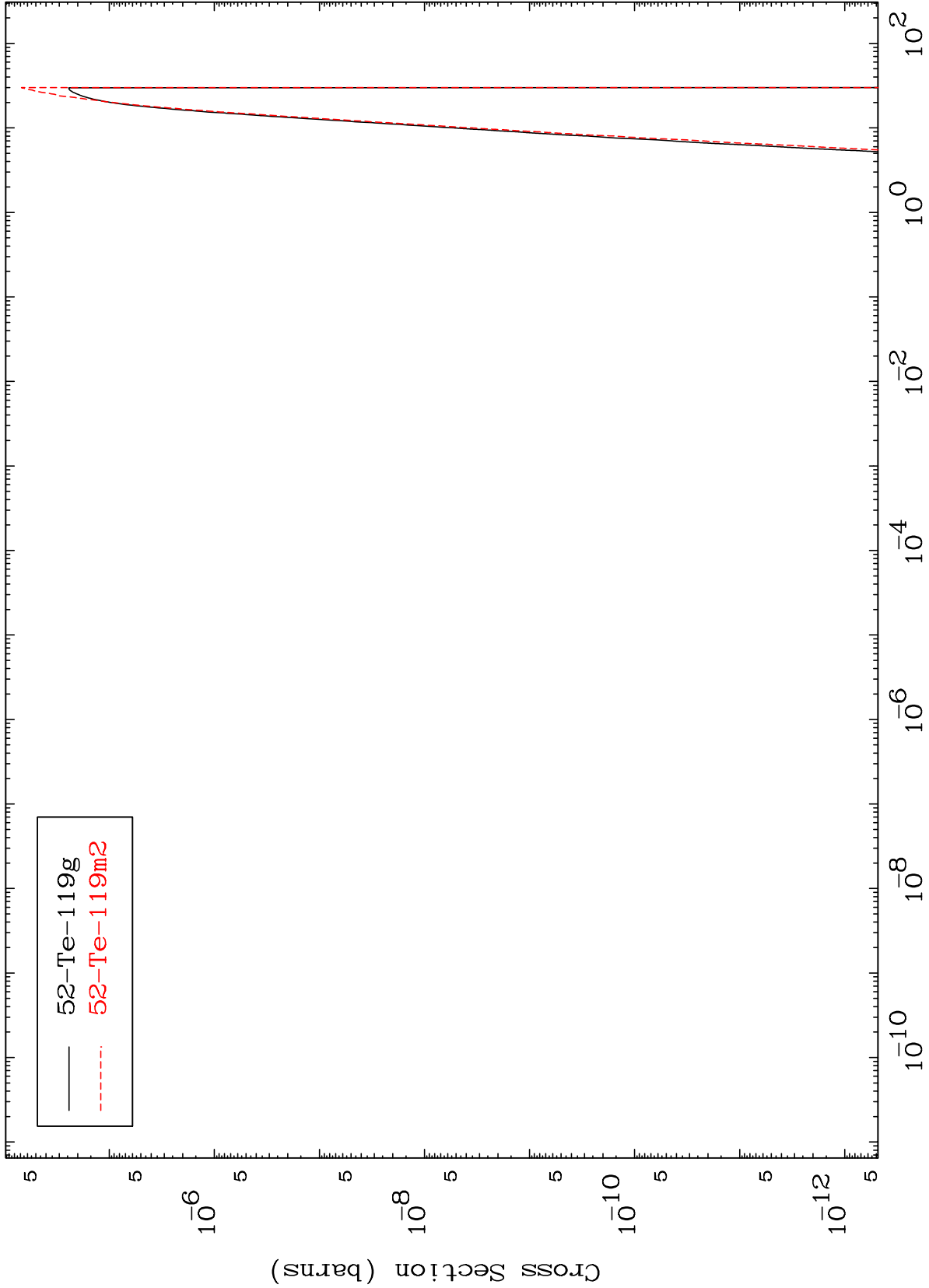
56-Ba-126

MAT 5613

(n,2α)

56-Ba-126

Radionuclide Production Cross Section



136

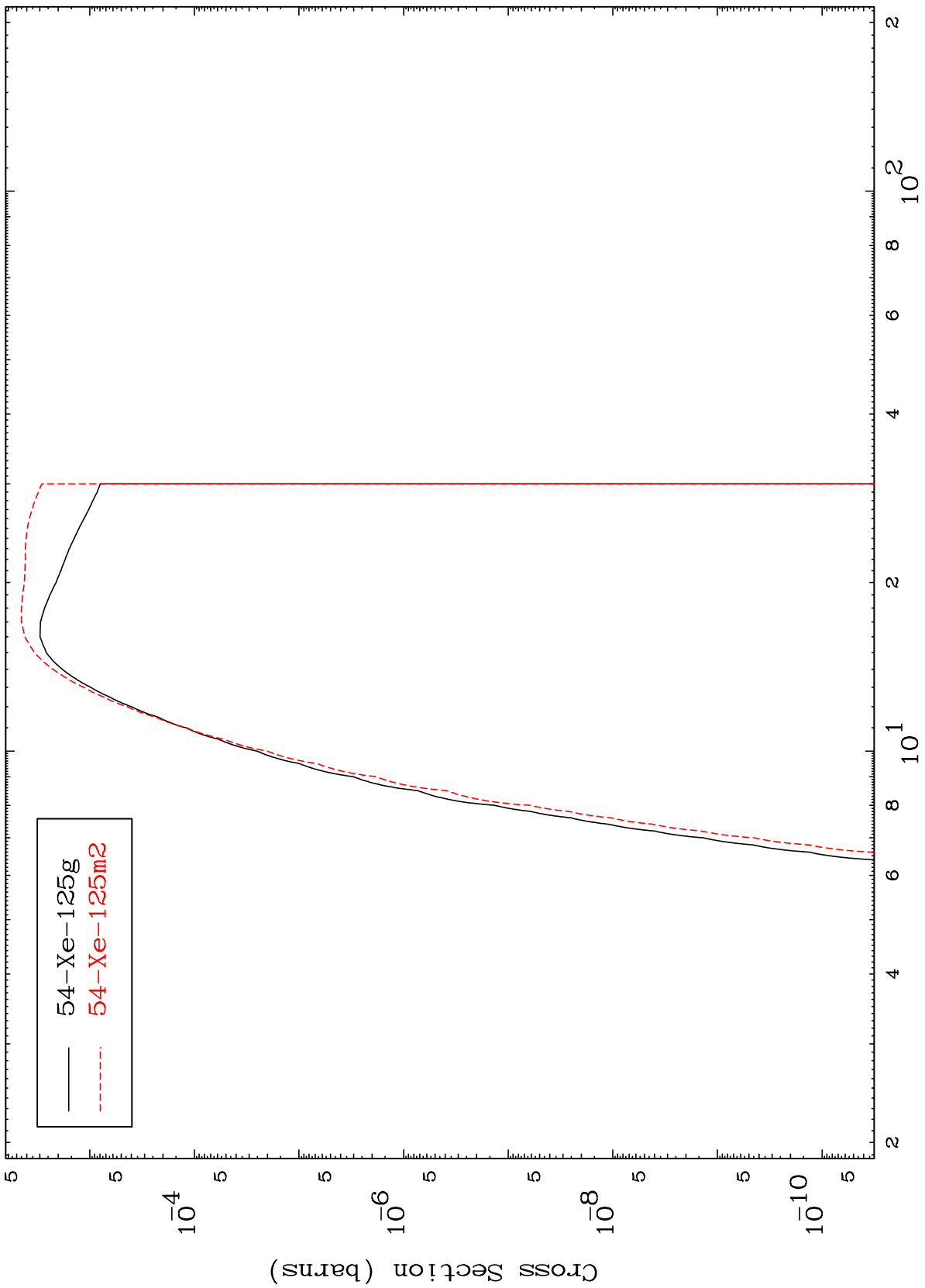
Incident Energy (MeV)

56-Ba-126

MAT 5613

56-Ba-126

(n,2p)
Radionuclide Production Cross Section



54-Xe-125g
54-Xe-125m2

56-Ba-126

Incident Energy (MeV)

137