

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

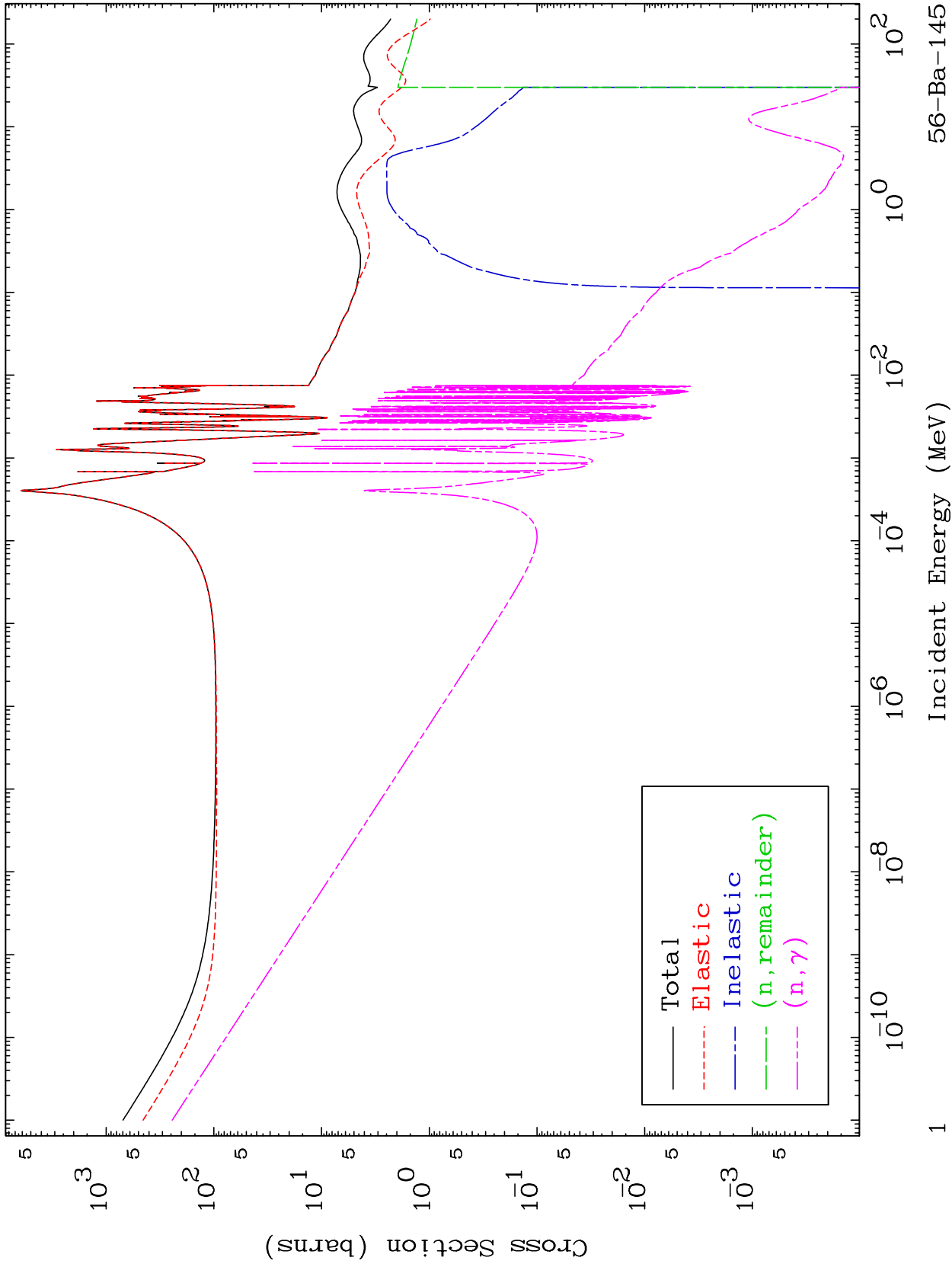
Press Mouse Button to Start

MAT 5670

Major

293 Kelvin Cross Sections

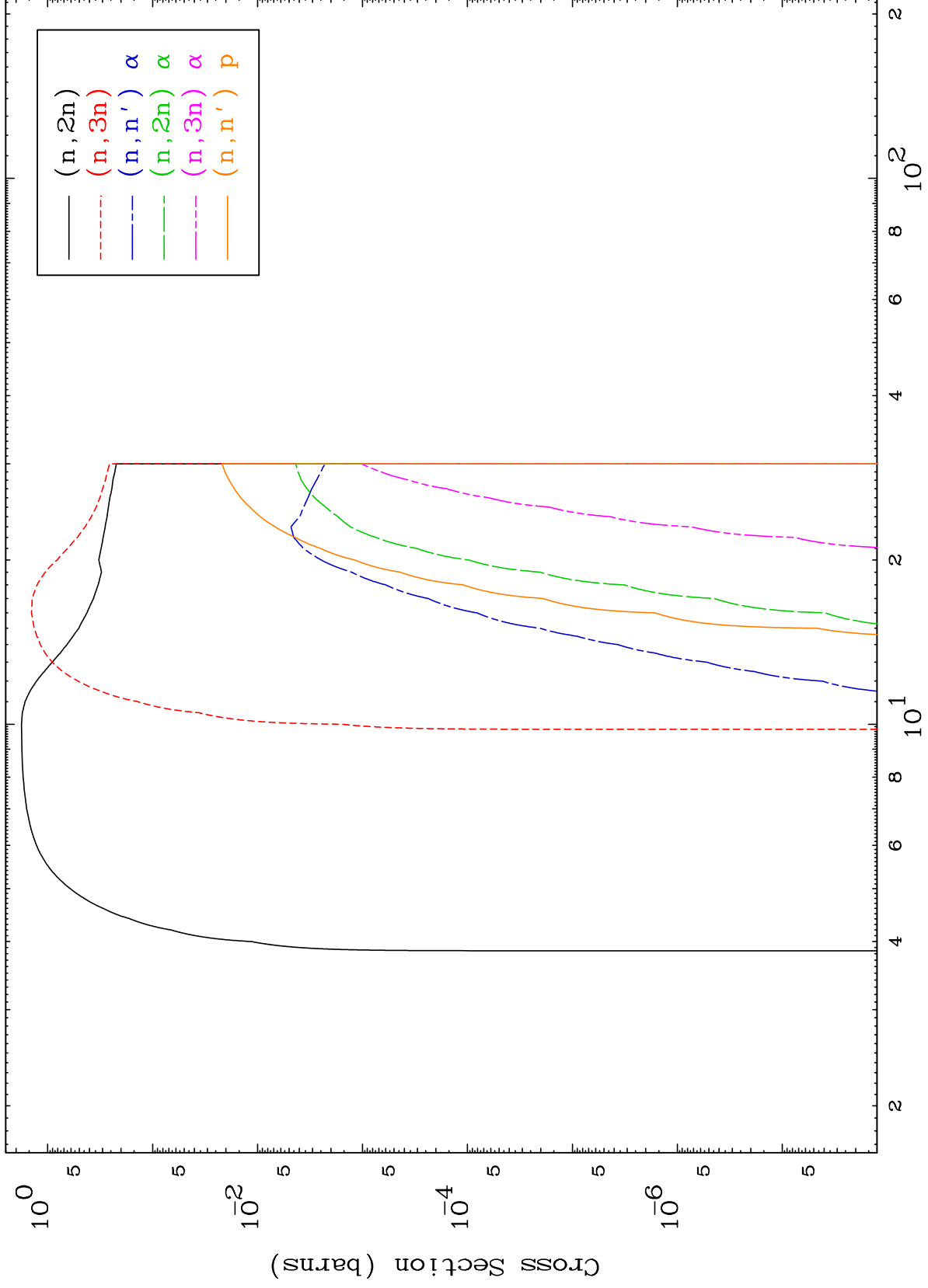
56-Ba-145



MAT 5670

Neutron Production
293 Kelvin Cross Sections

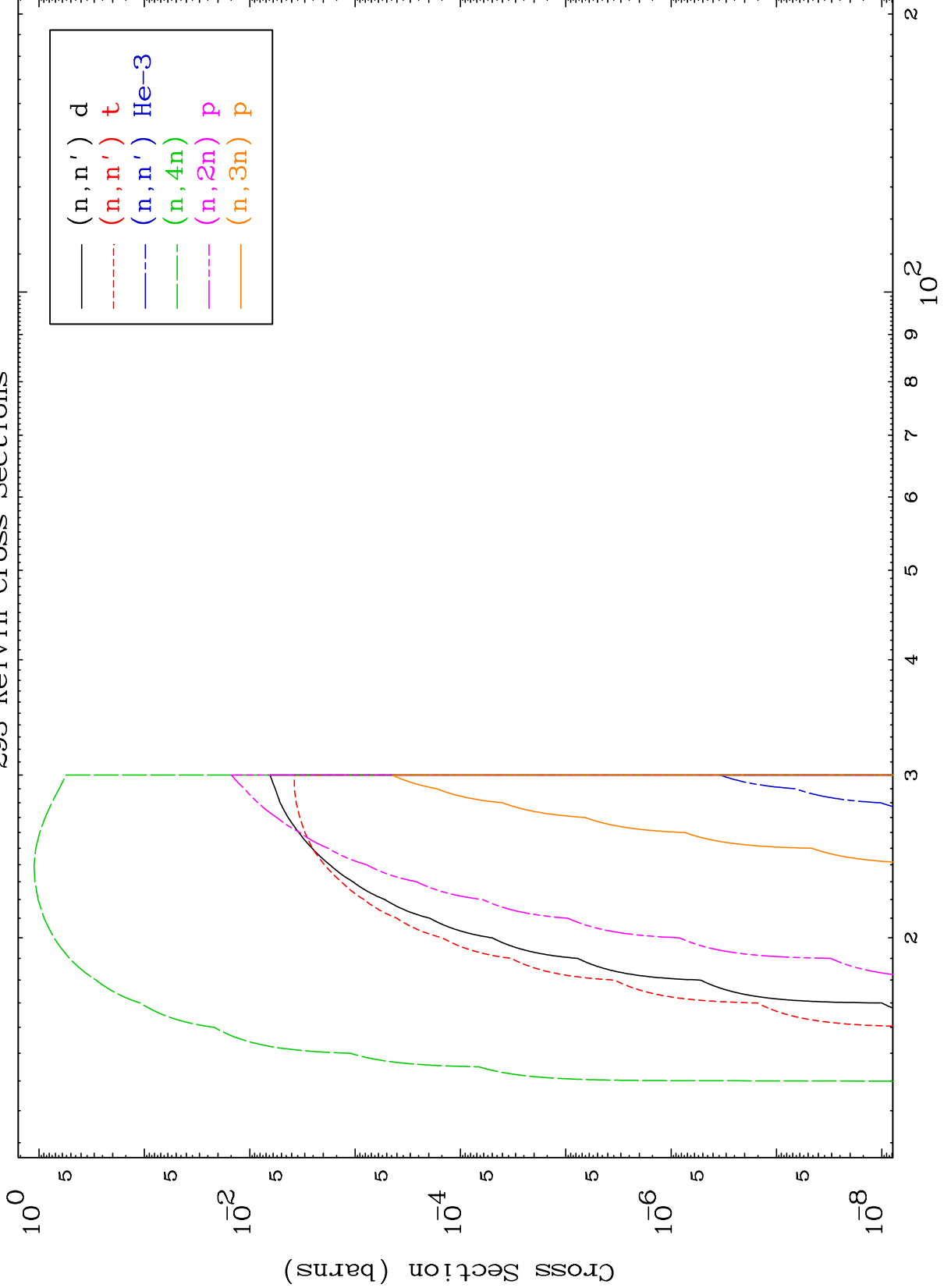
56-Ba-145



2

Incident Energy (MeV)

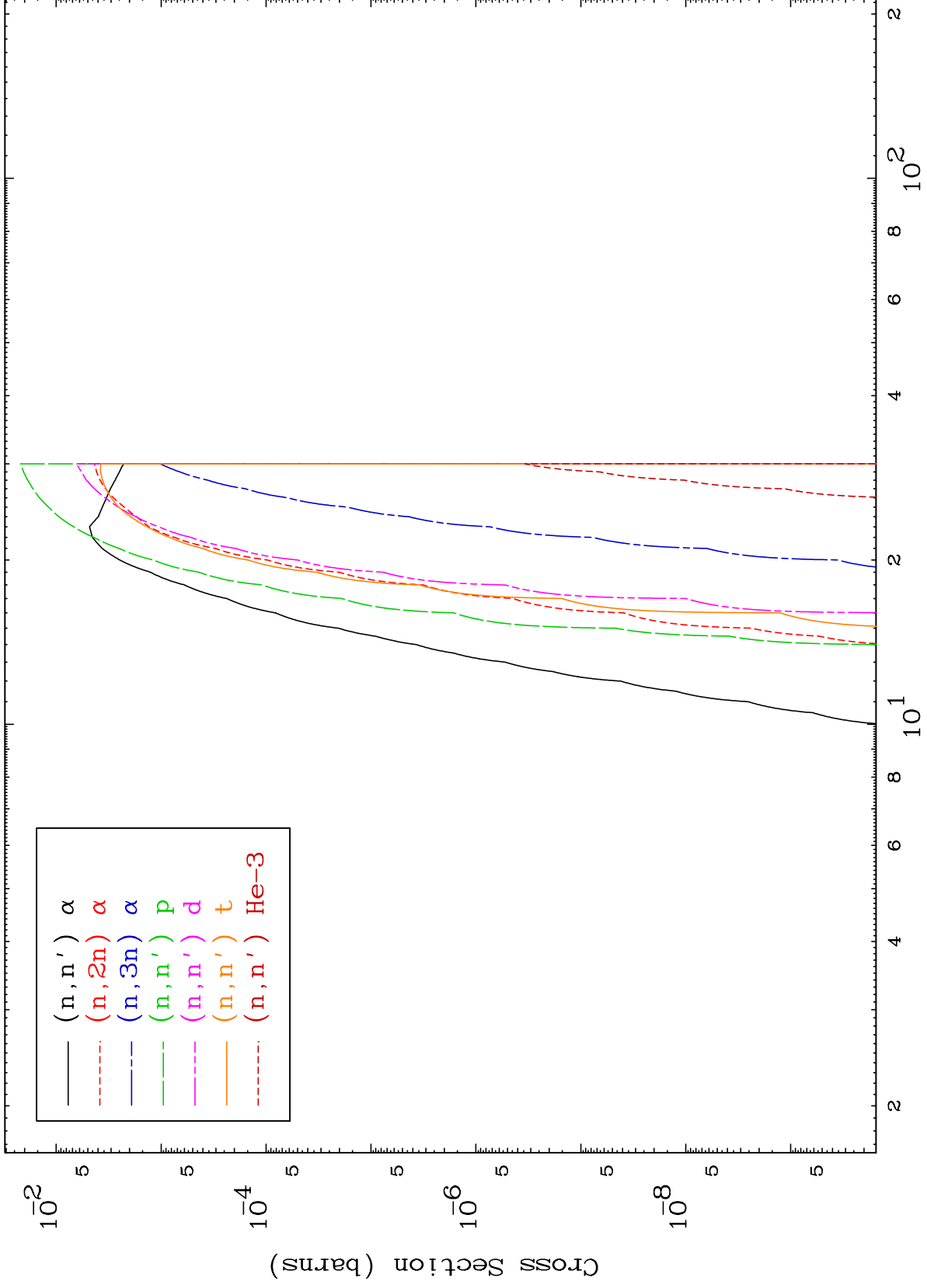
56-Ba-145



MAT 5670

Charged Particle
293 Kelvin Cross Sections

56-Ba-145



4

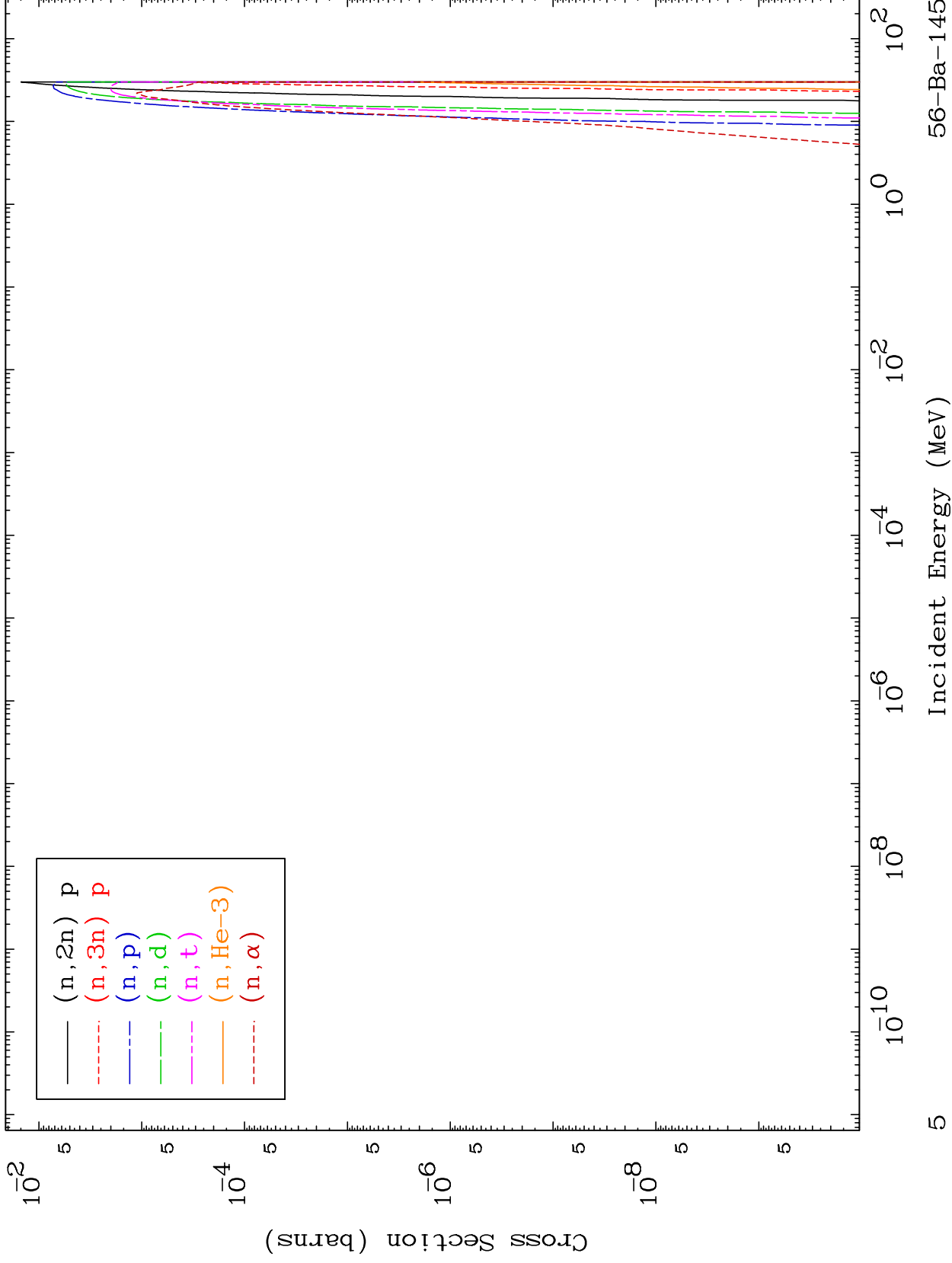
Incident Energy (MeV)

56-Ba-145

MAT 5670

Charged Particle
293 Kelvin Cross Sections

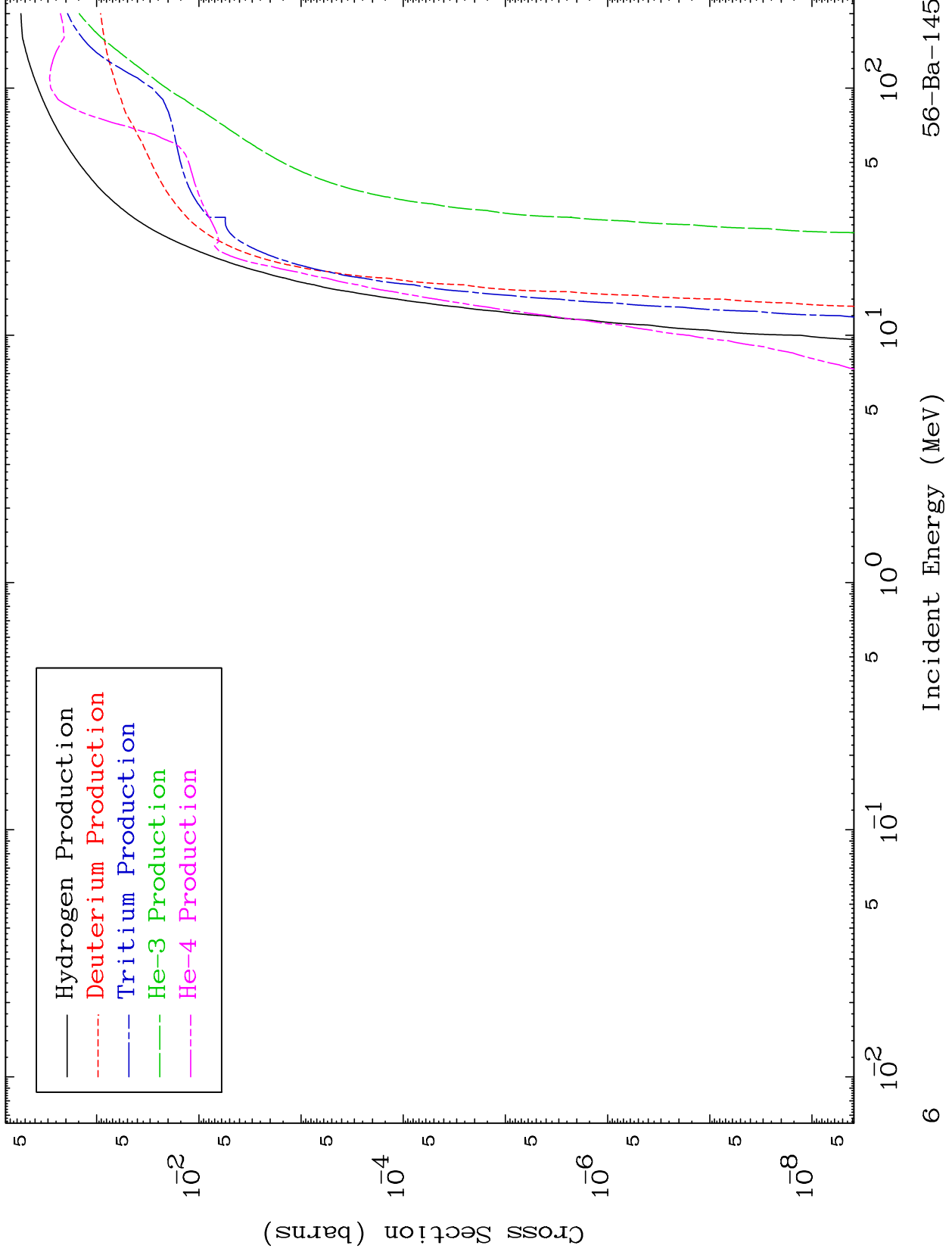
56-Ba-145



MAT 5670

Particle Production
293 Kelvin Cross Sections

56-Ba-145



56-Ba-145

Incident Energy (MeV)

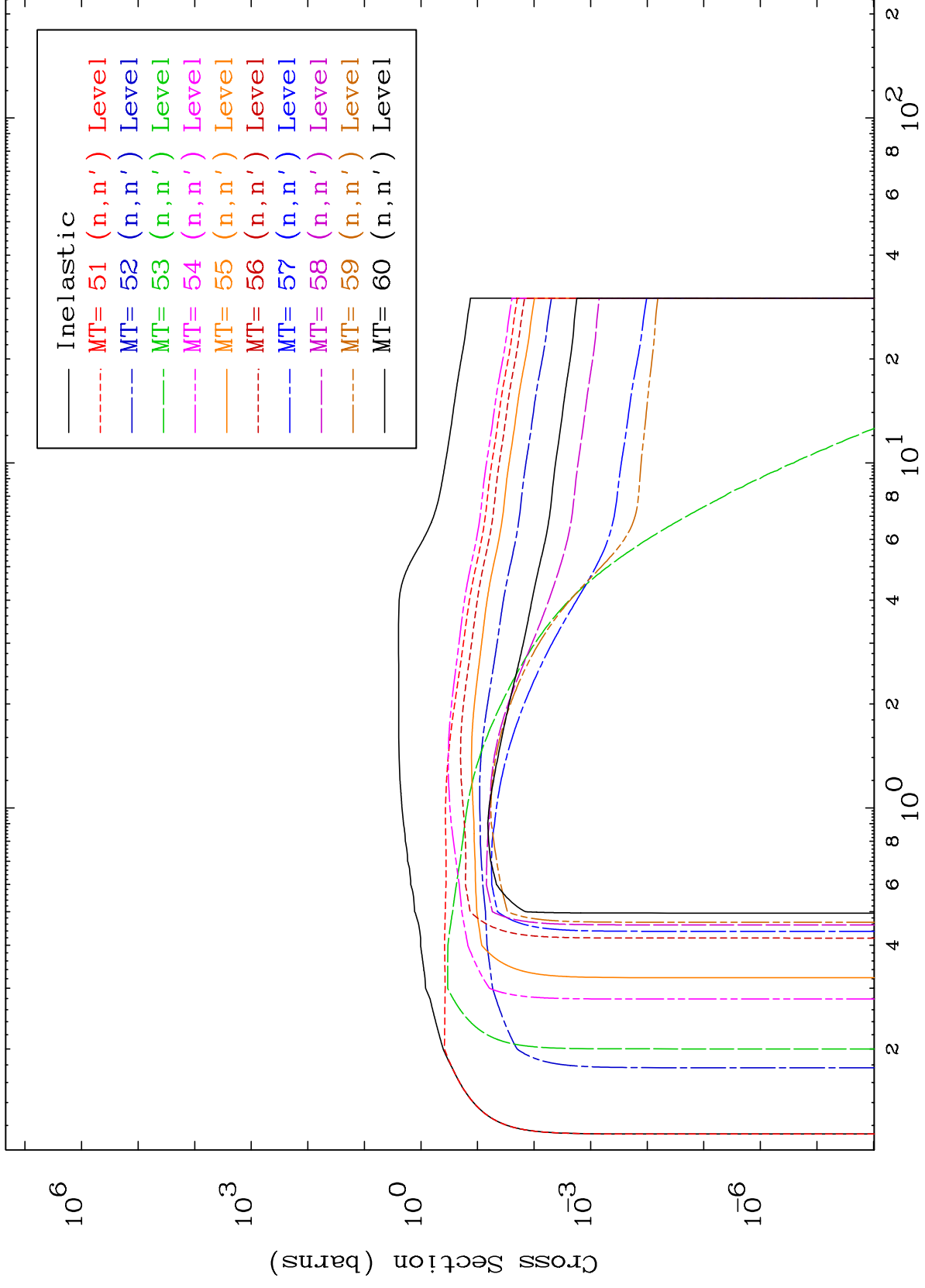
6

MAT 5670

(n,n') Level

56-Ba-145

293 Kelvin Cross Sections

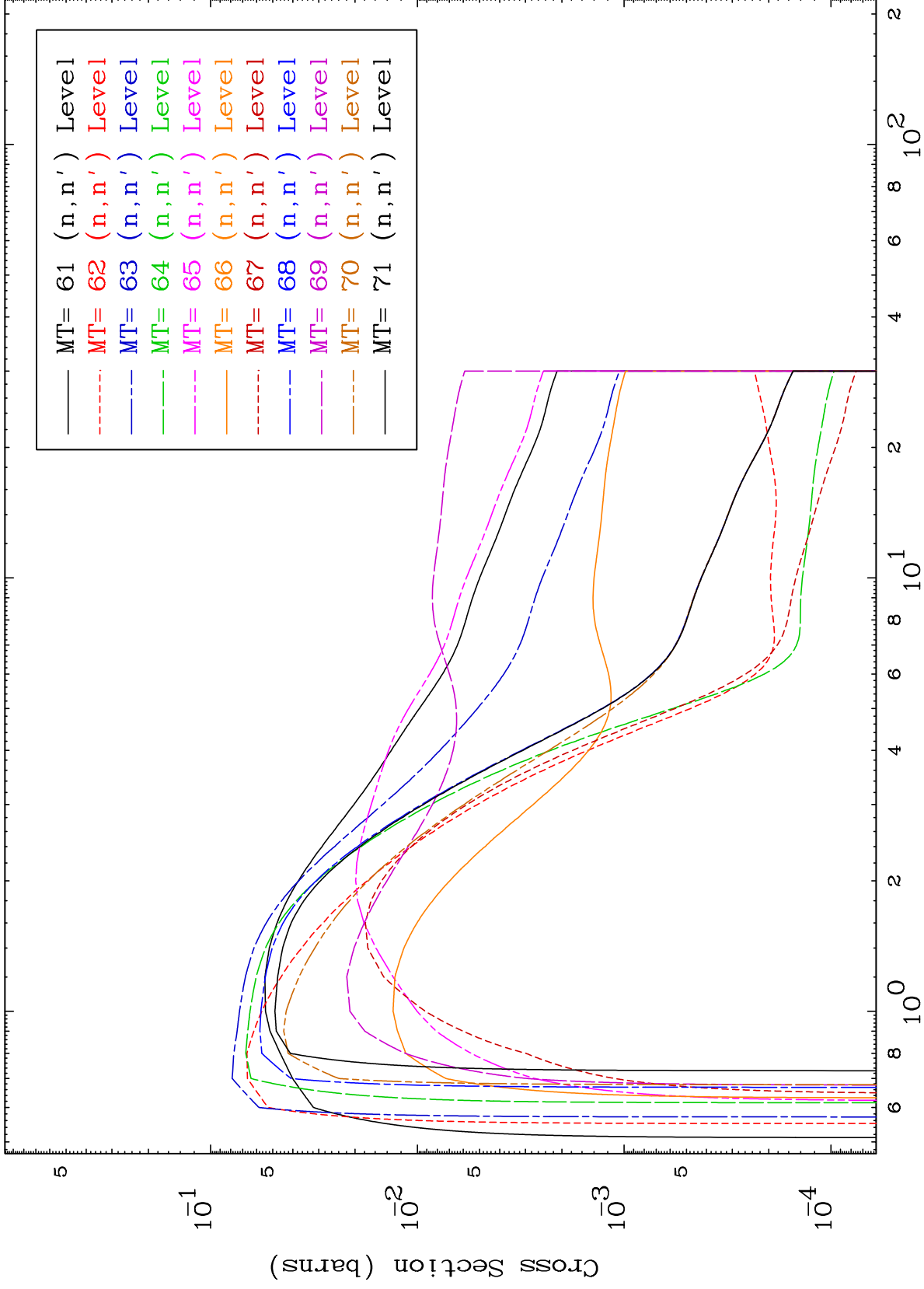


MAT 5670

(n,n') Level

56-Ba-145

293 Kelvin Cross Sections



8

Incident Energy (MeV)

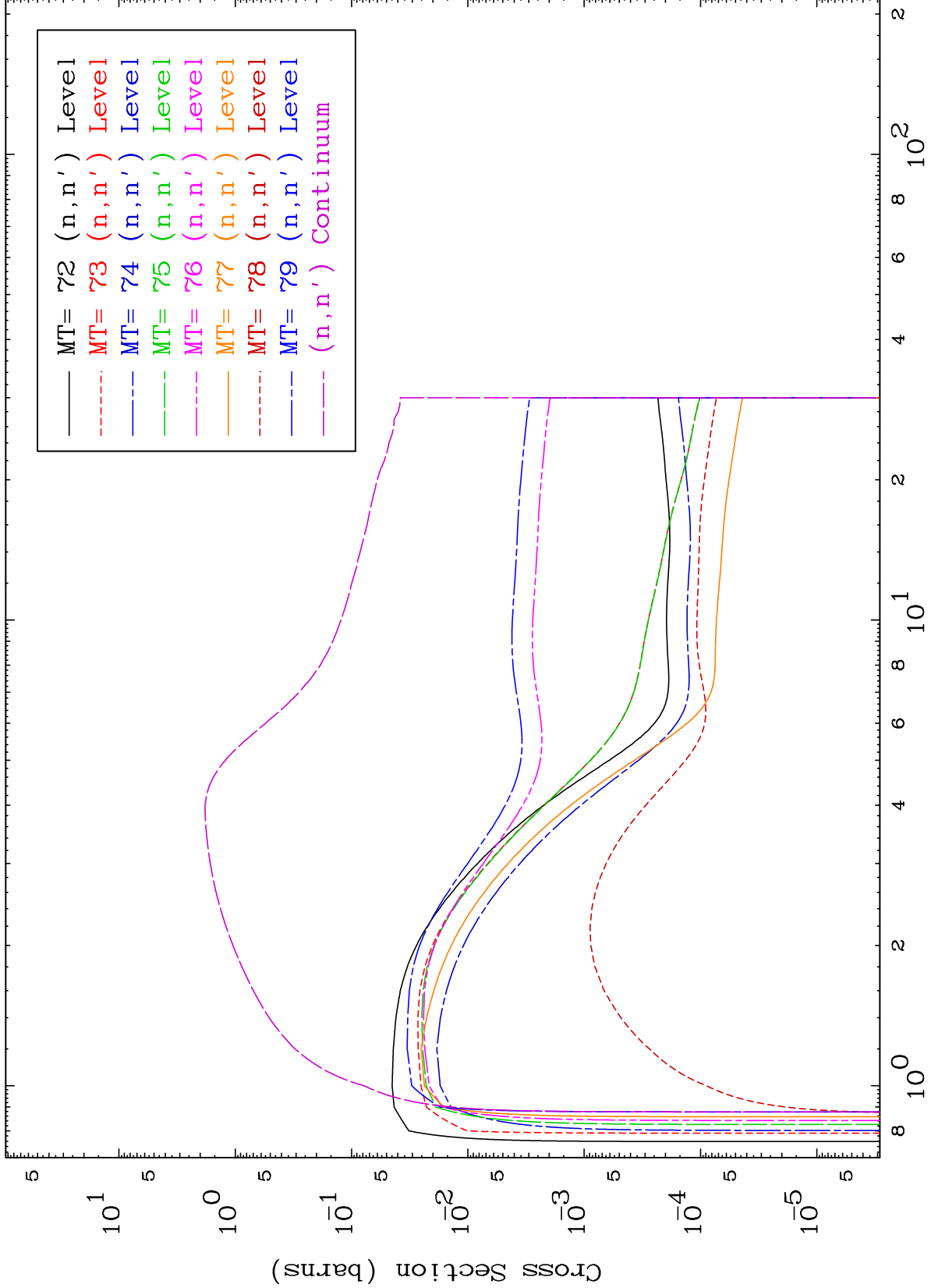
56-Ba-145

MAT 5670

(n,n') Level

56-Ba-145

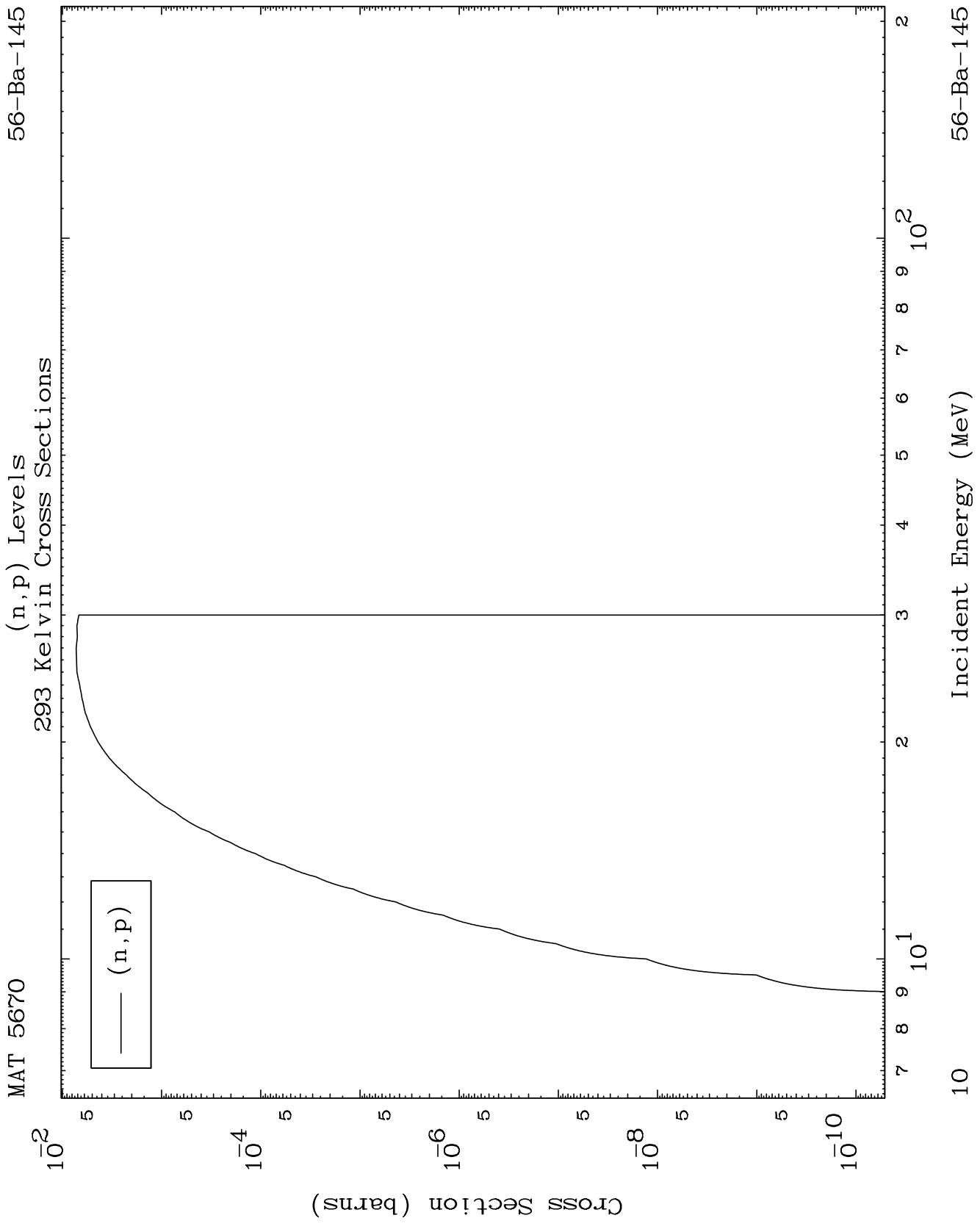
293 Kelvin Cross Sections



9

Incident Energy (MeV)

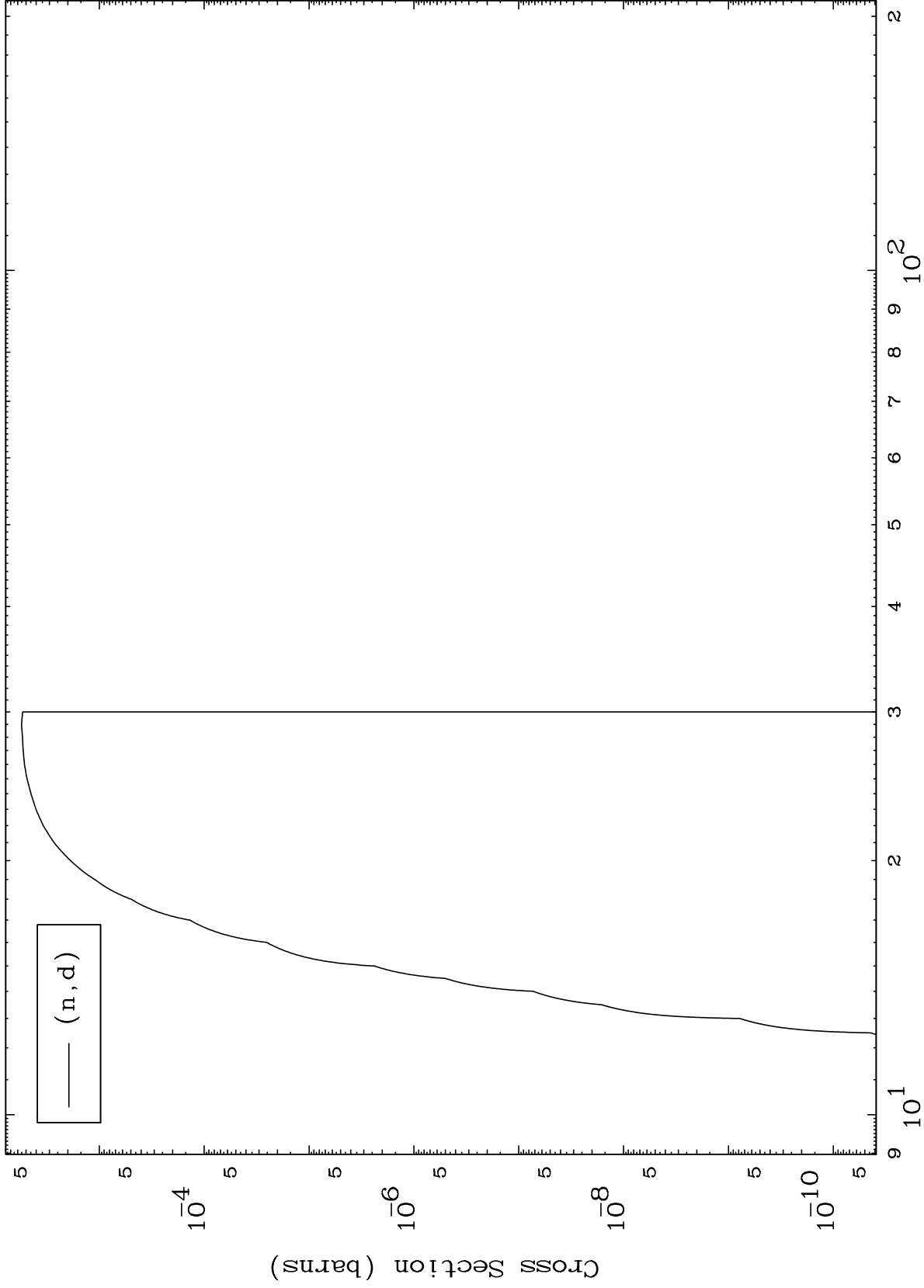
56-Ba-145



MAT 5670

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-145



11

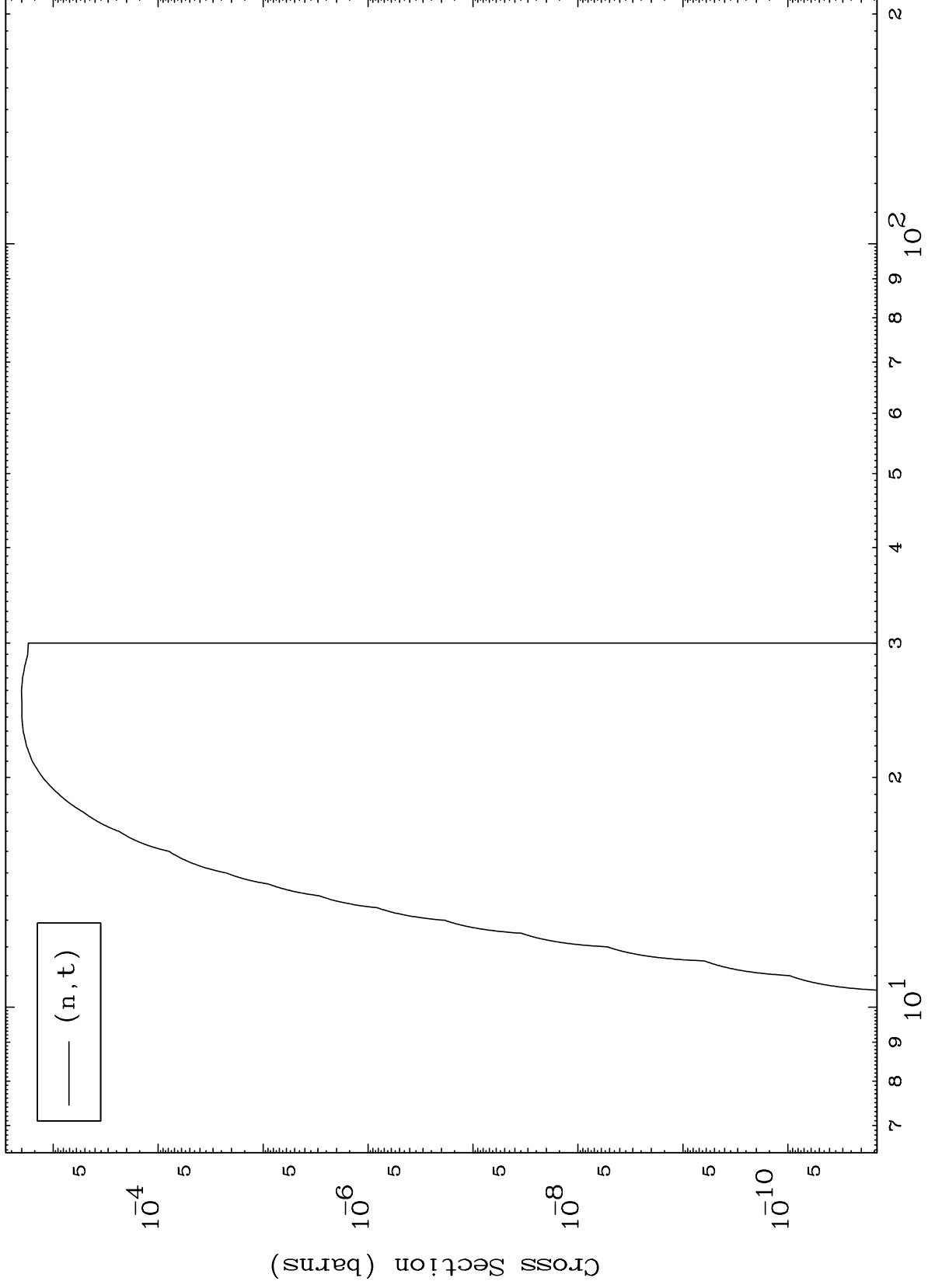
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-145



(n,t)

12

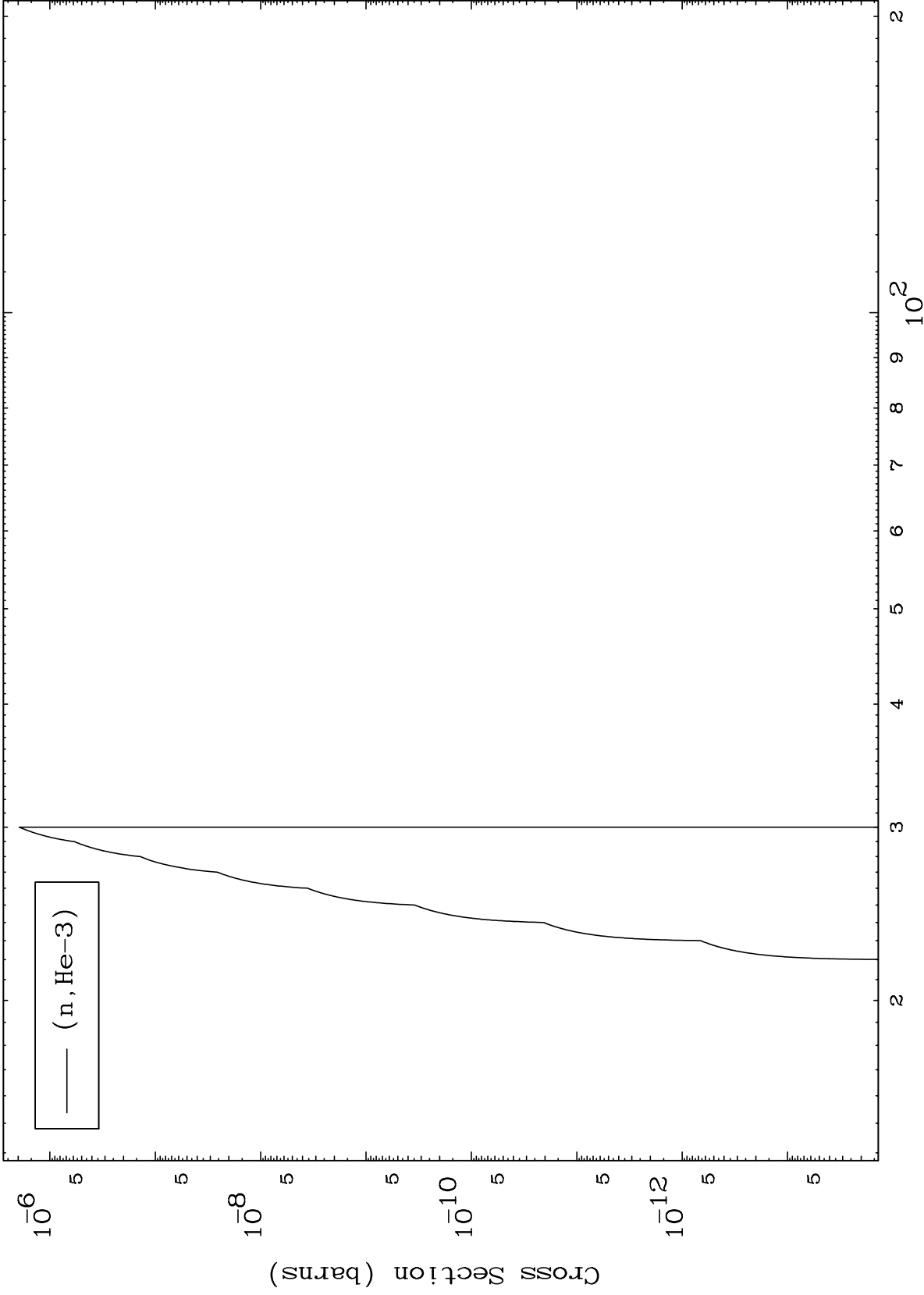
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-145



13

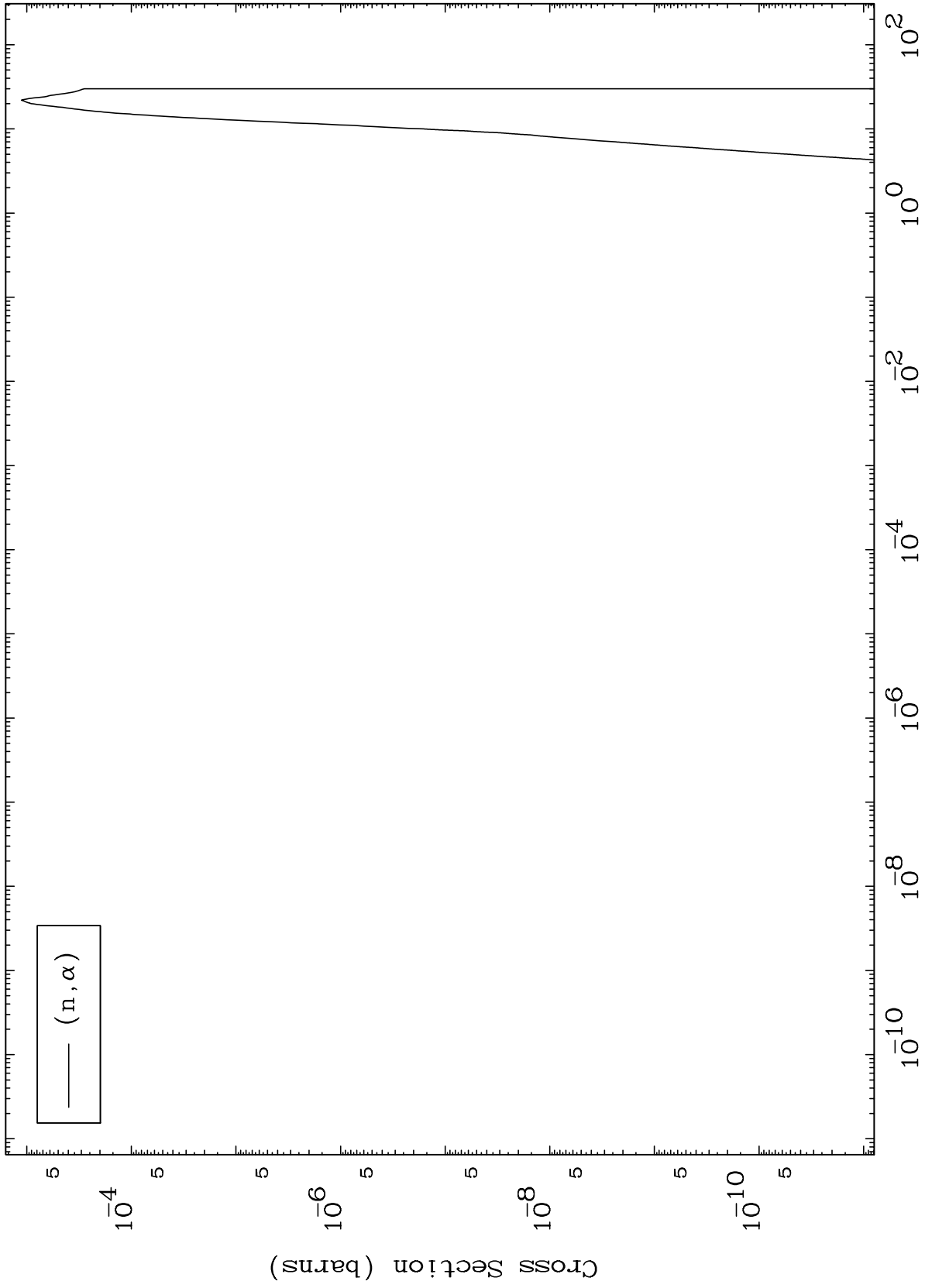
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n, α) Levels
293 Kelvin Cross Sections

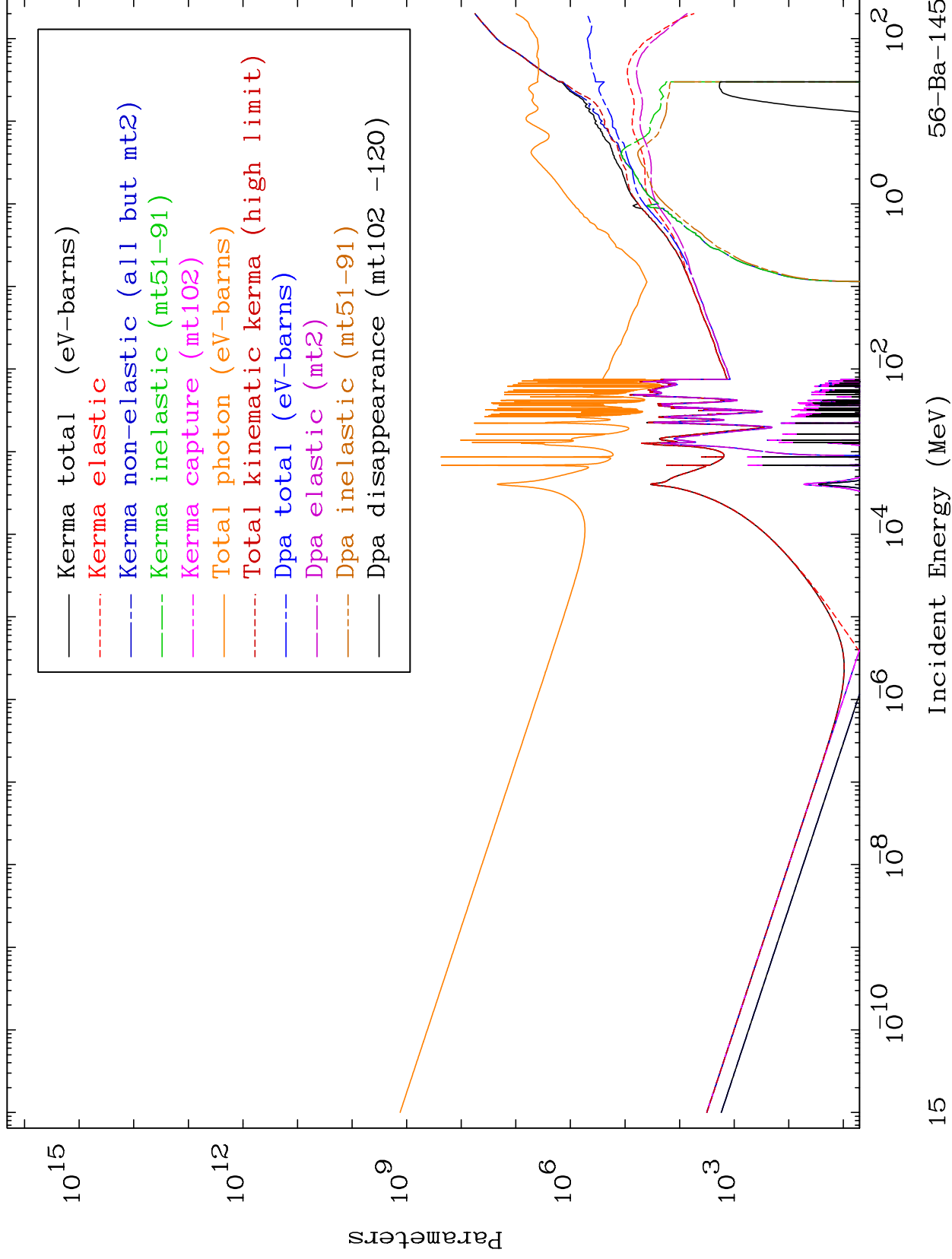
56-Ba-145

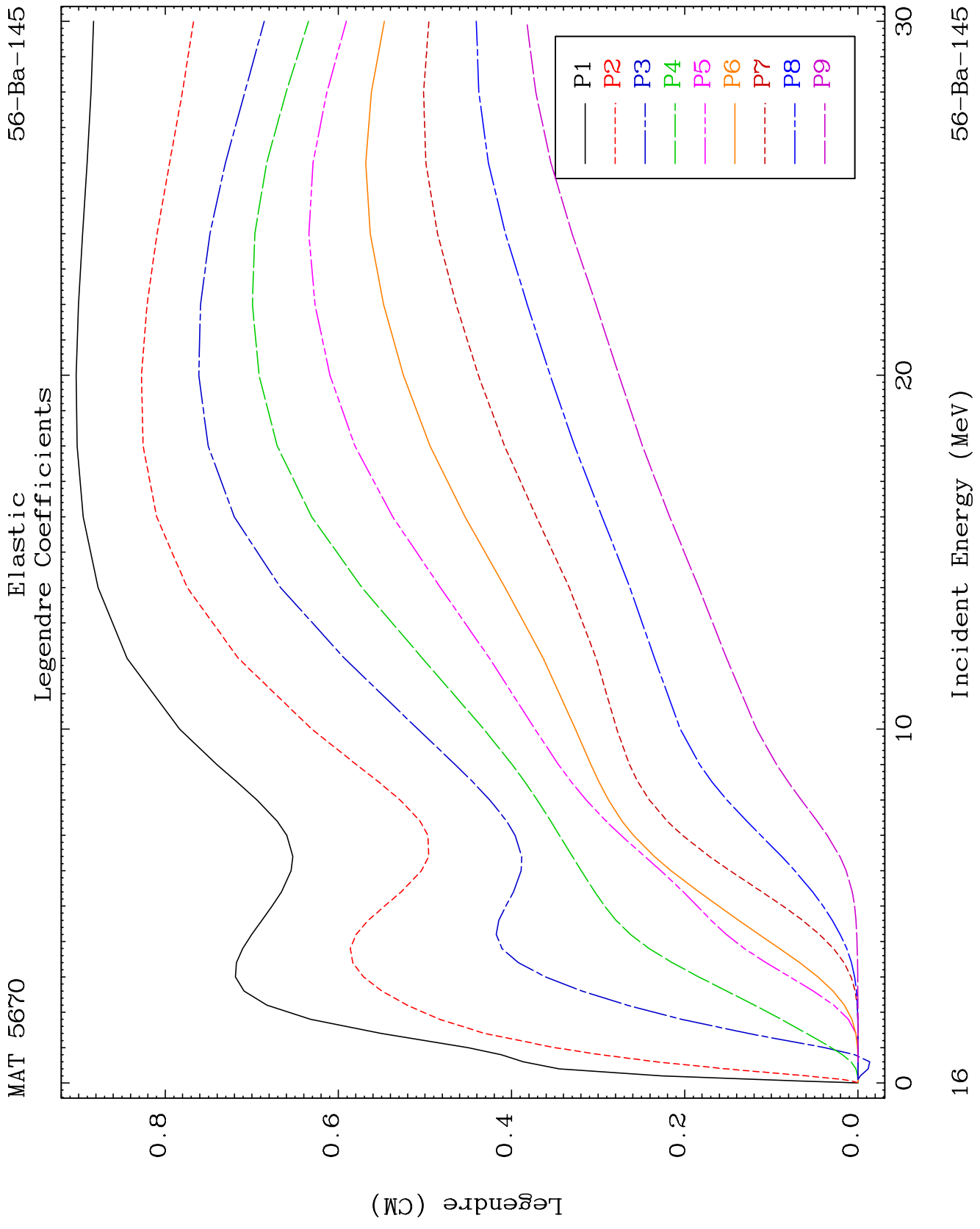


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Incident Energy (MeV)

56-Ba-145





MAT 5670

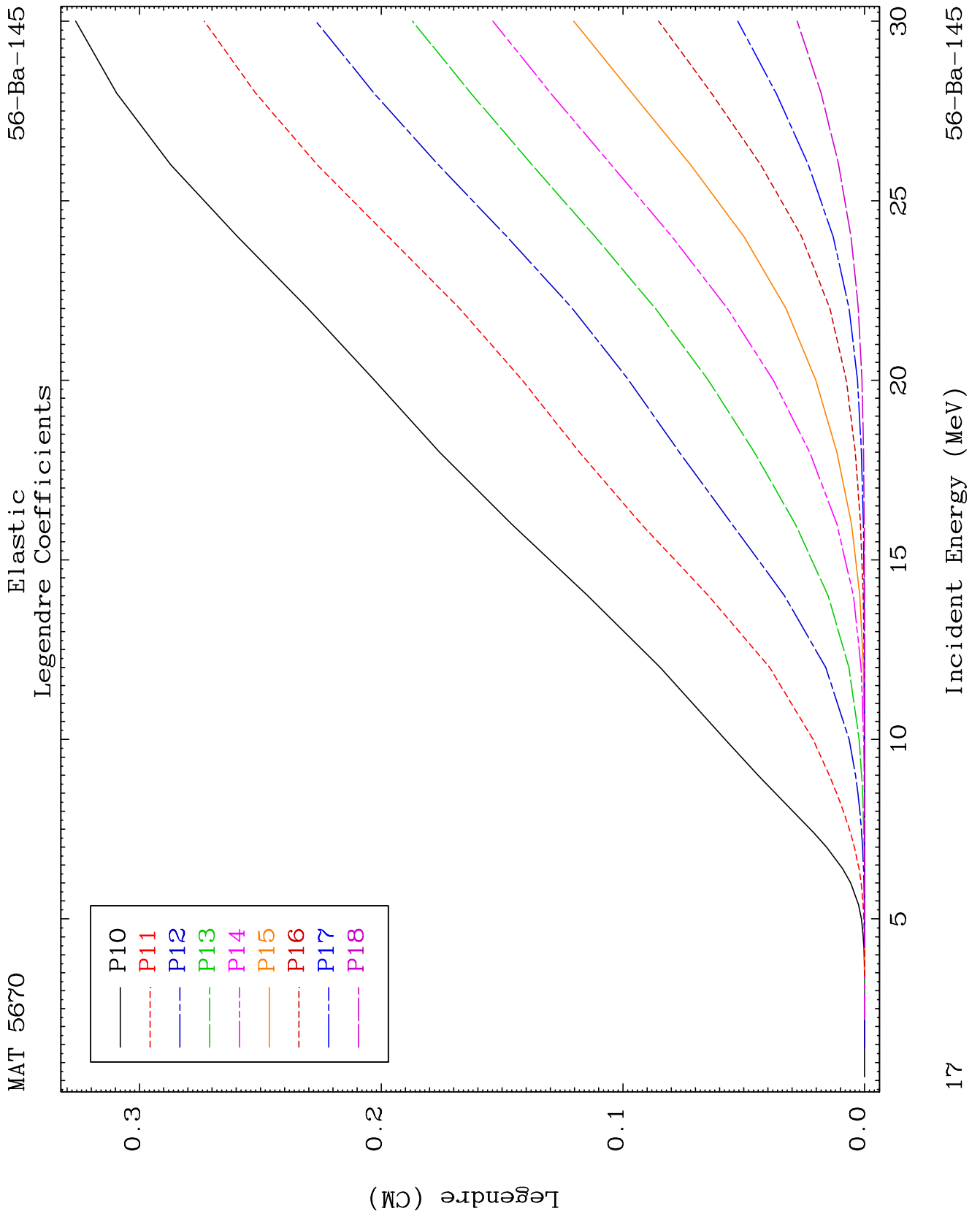
Elastic

56-Ba-145

16

Incident Energy (MeV)

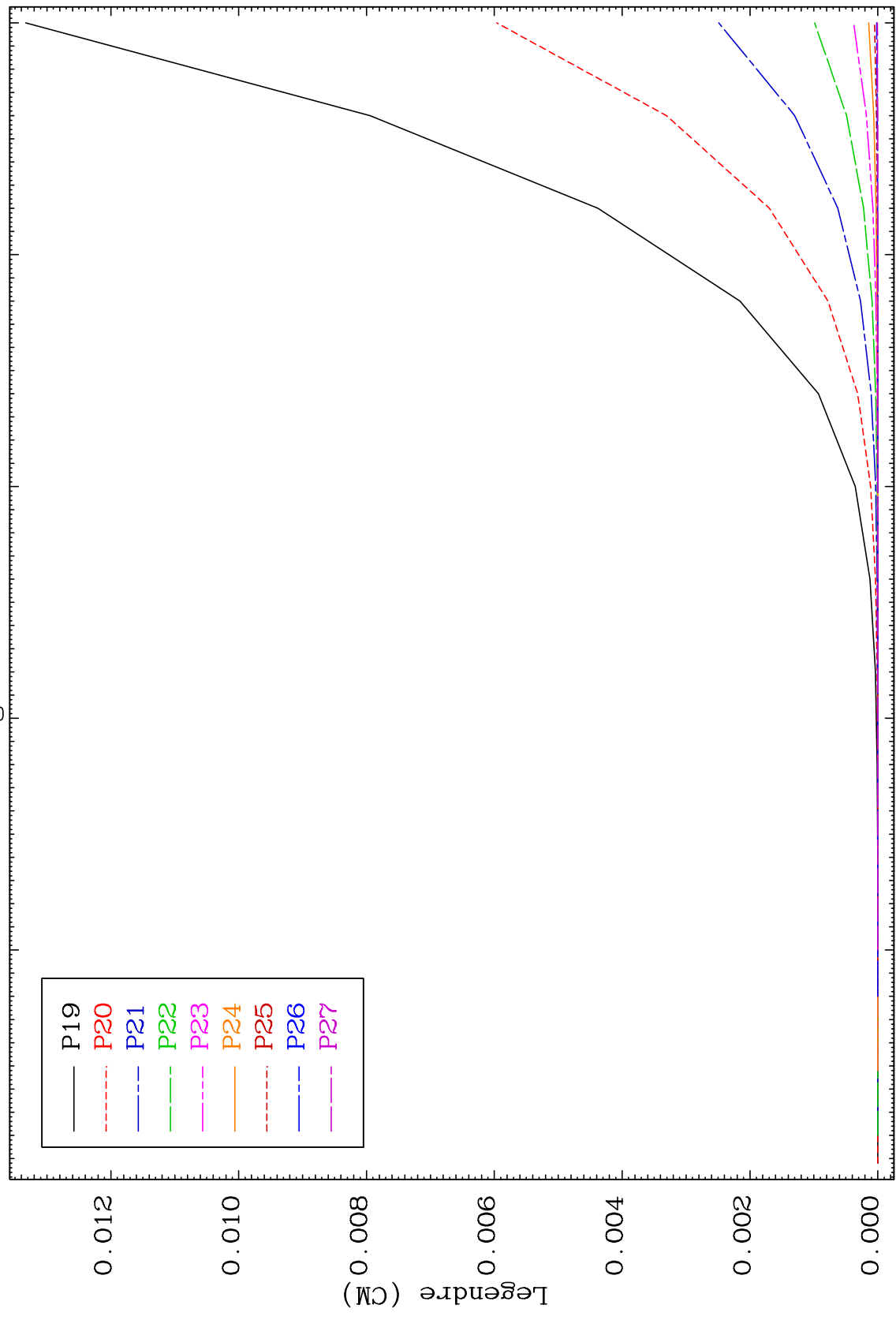
56-Ba-145



MAT 5670

Elastic Legendre Coefficients

56-Ba-145



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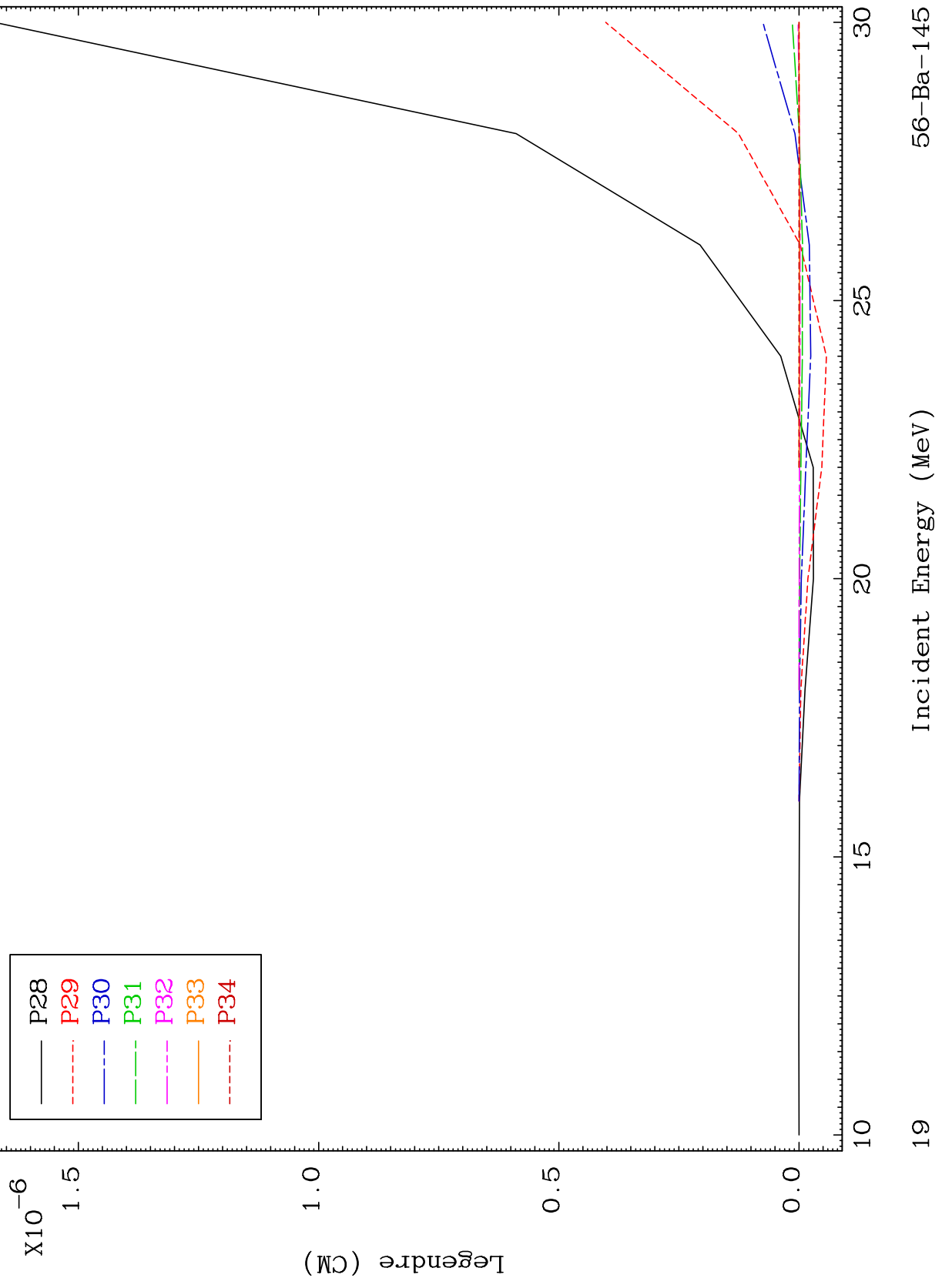
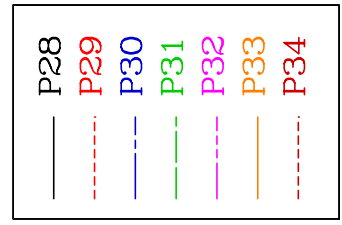
Incident Energy (MeV)

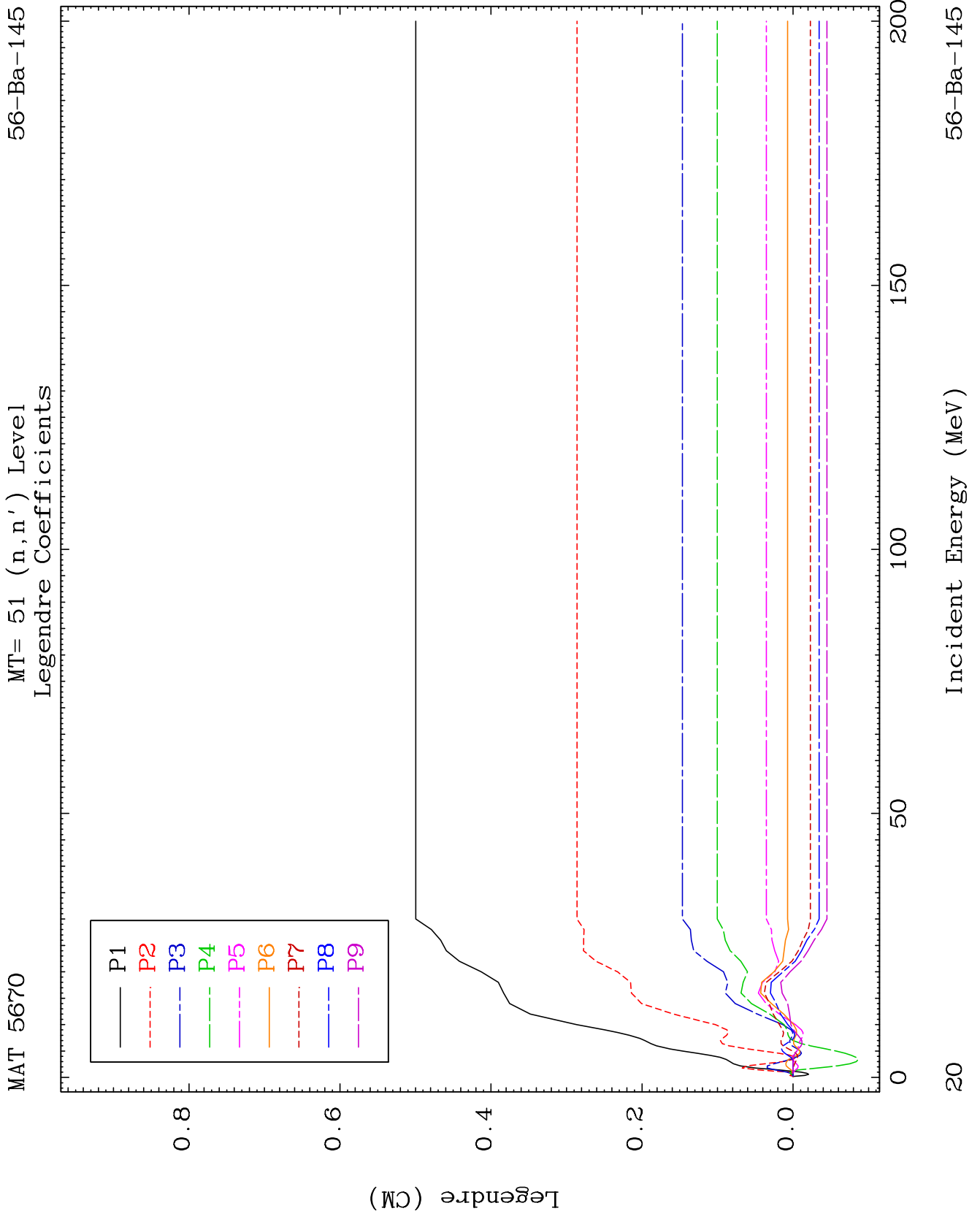
56-Ba-145

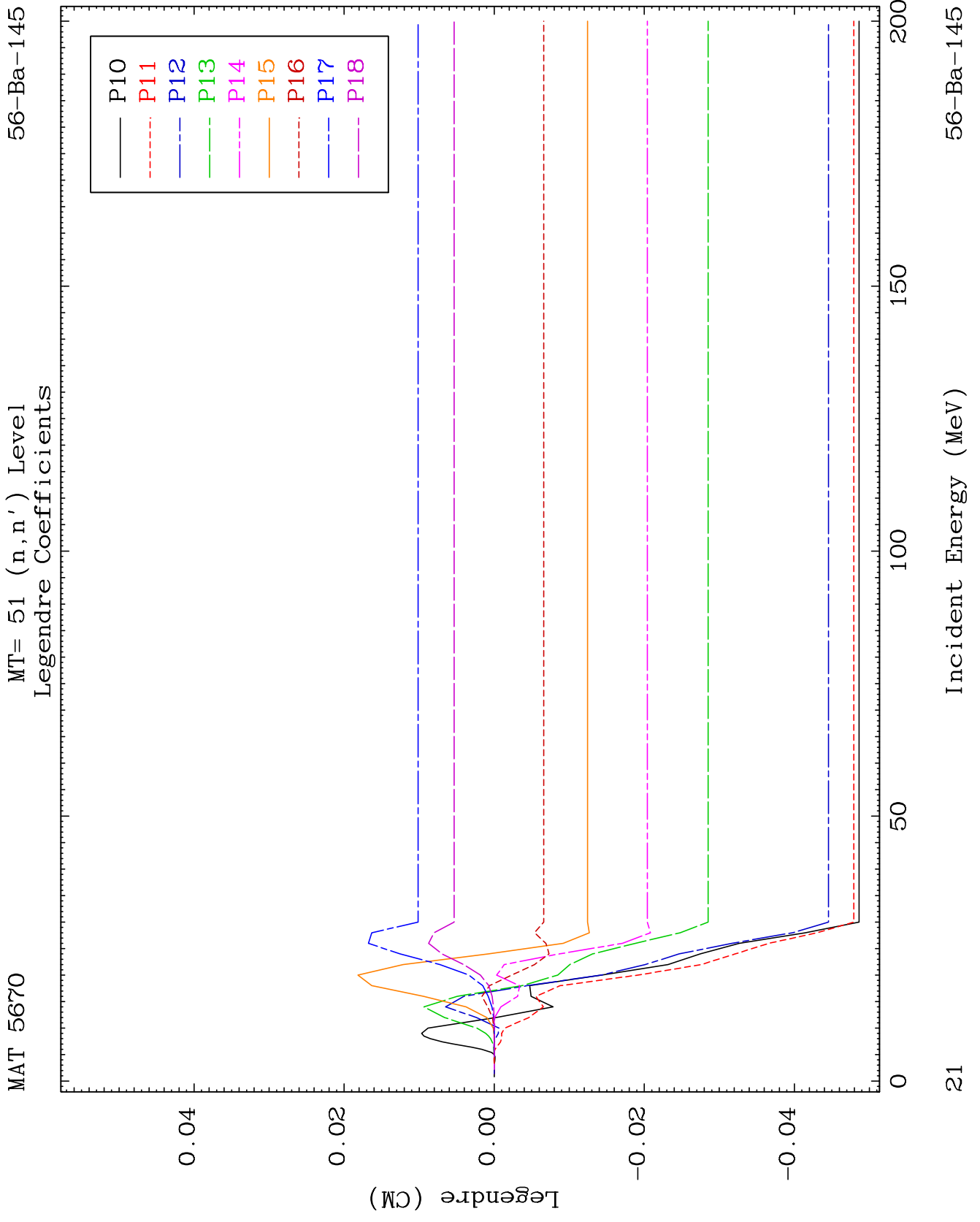
MAT 5670

Elastic Legendre Coefficients

56-Ba-145



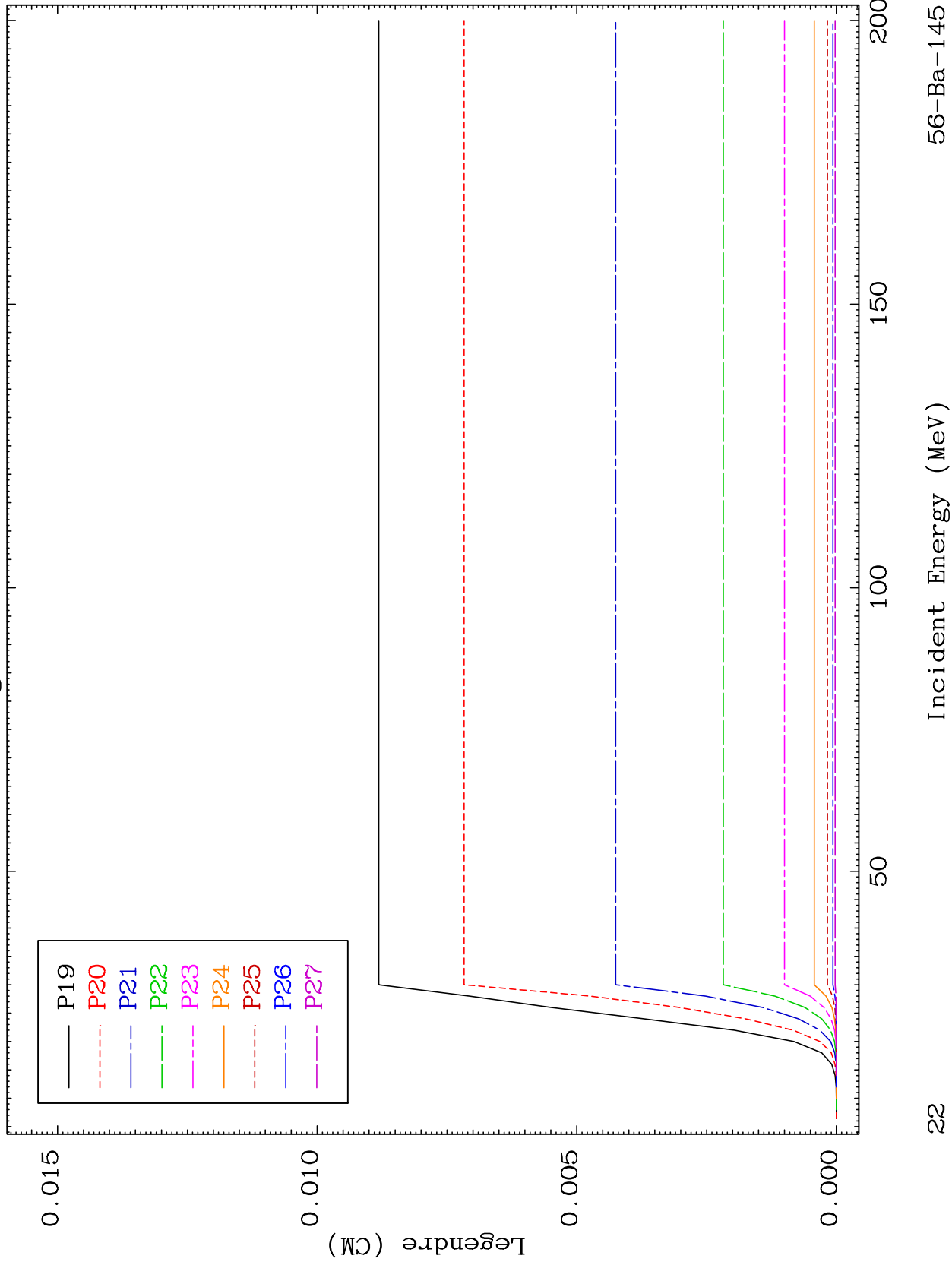




MAT 5670

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

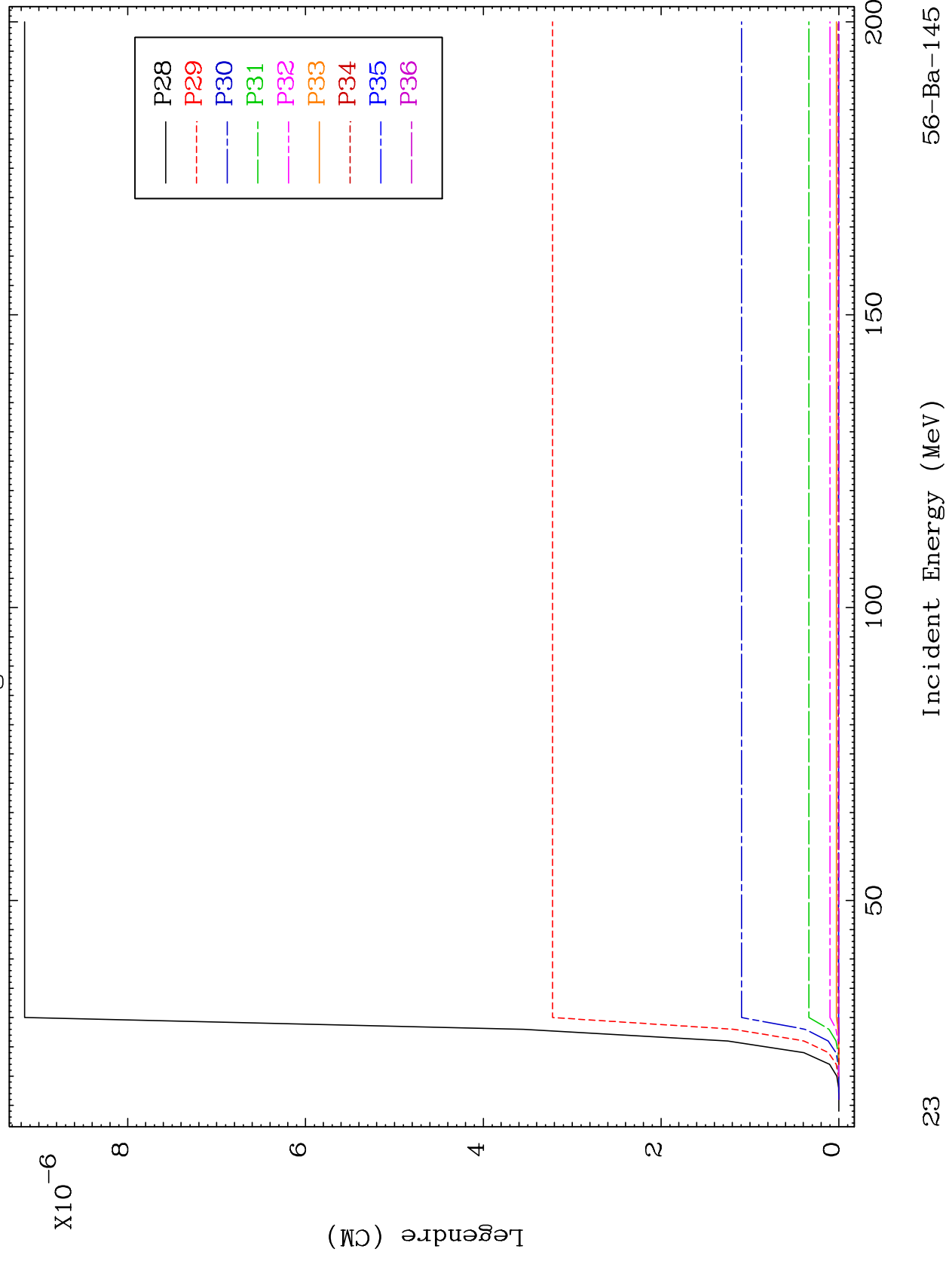
56-Ba-145



MAT 5670

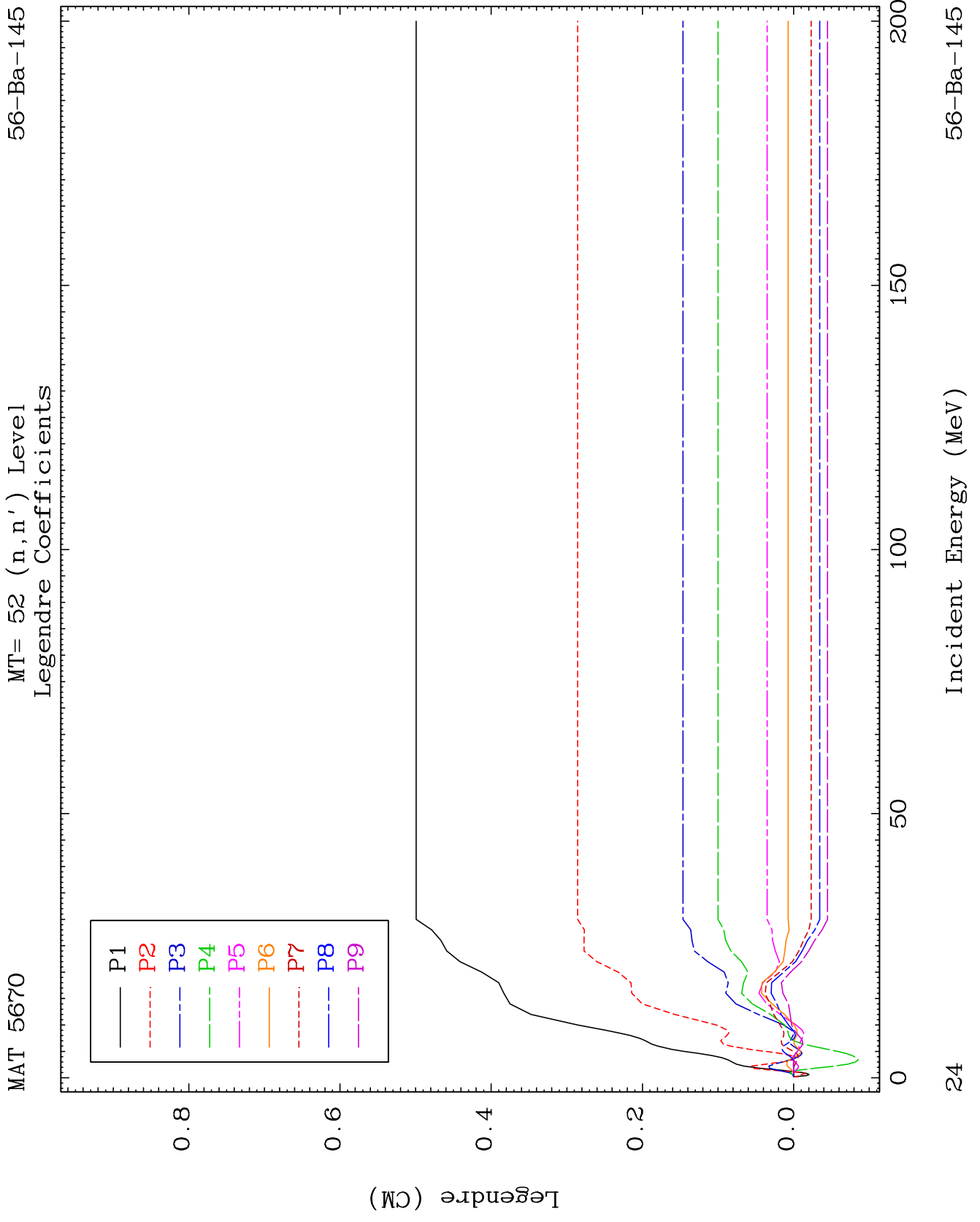
MT= 51 (n,n') Level
Legendre Coefficients

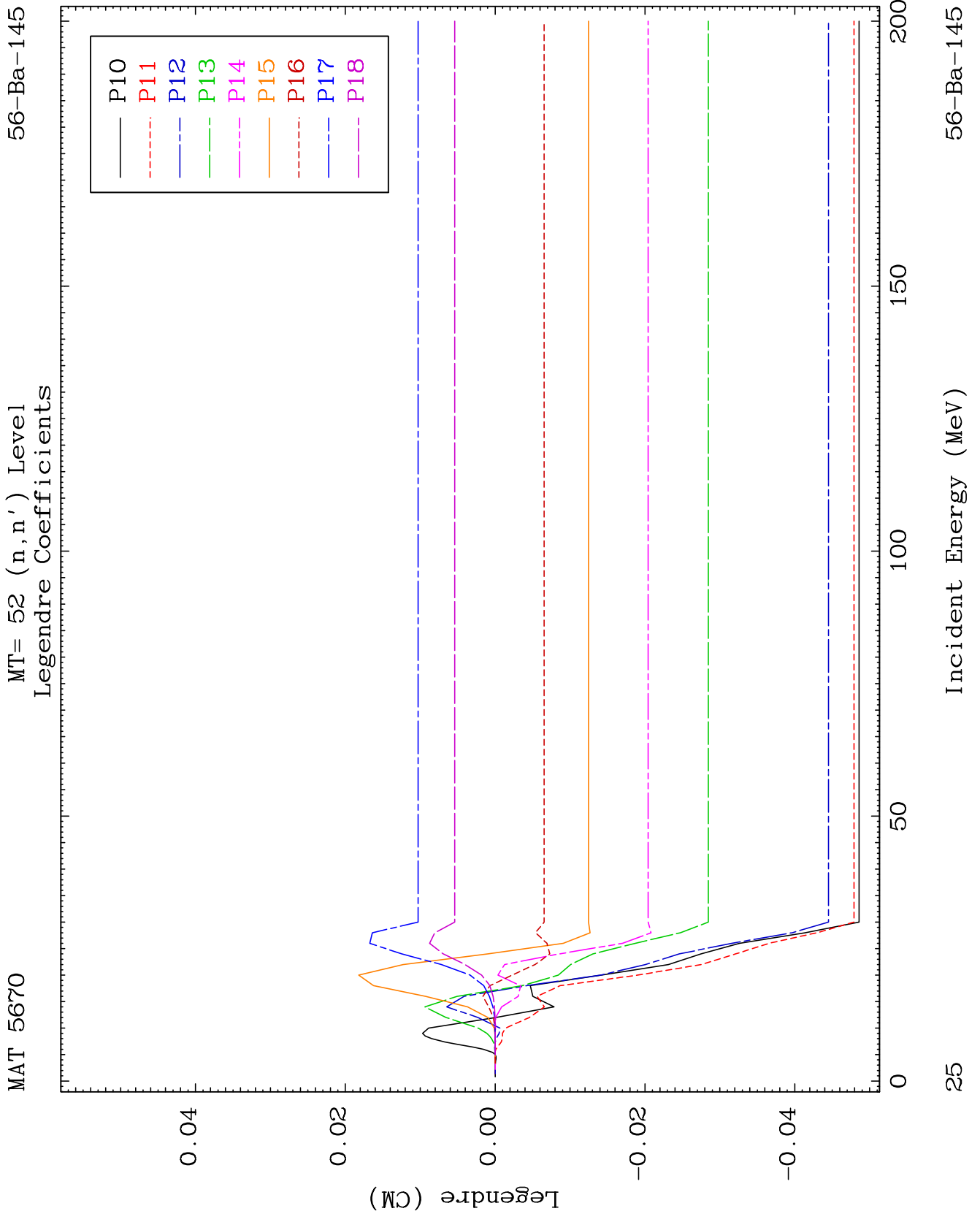
56-Ba-145



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56-Ba-145

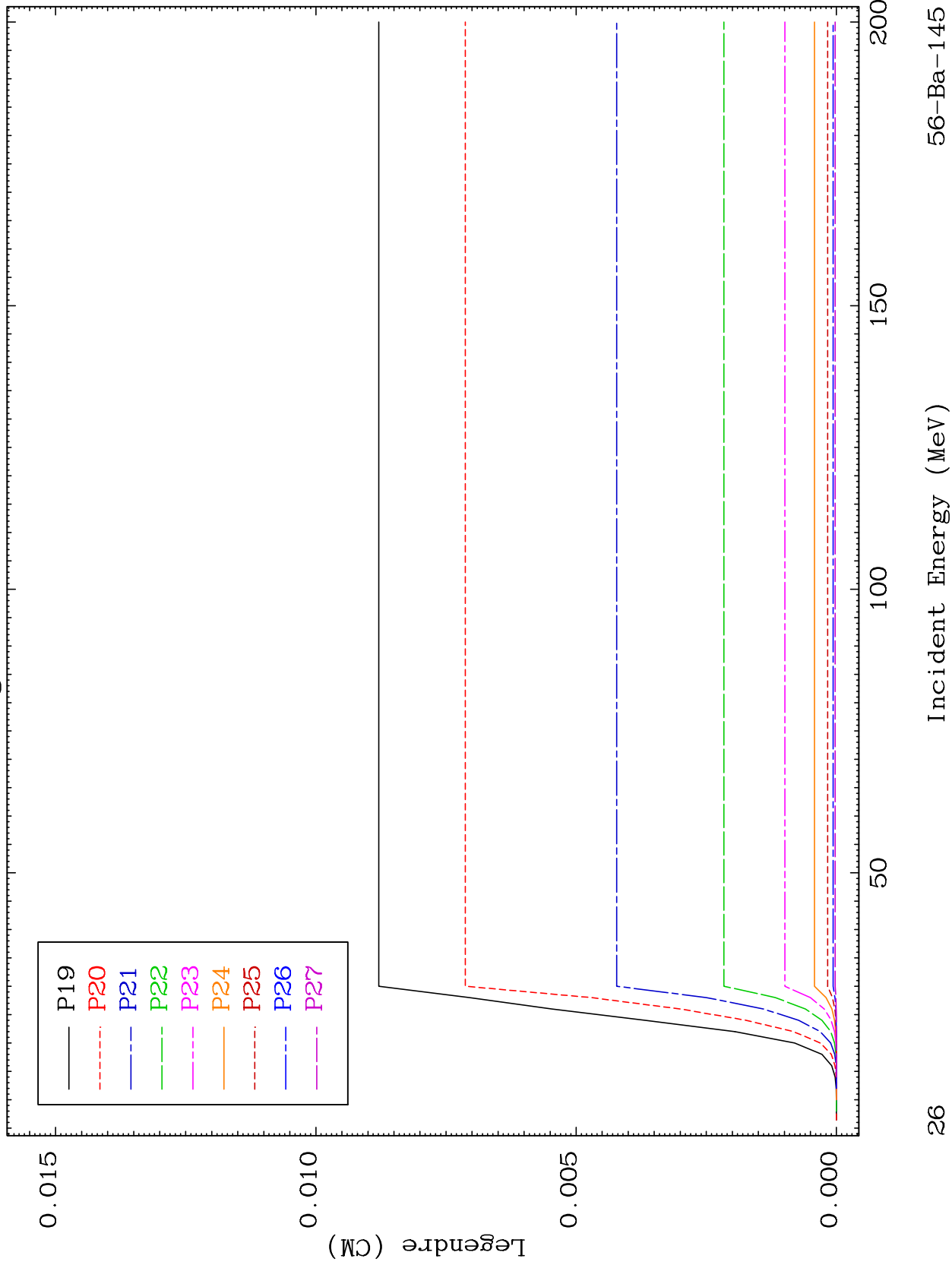




MAT 5670

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

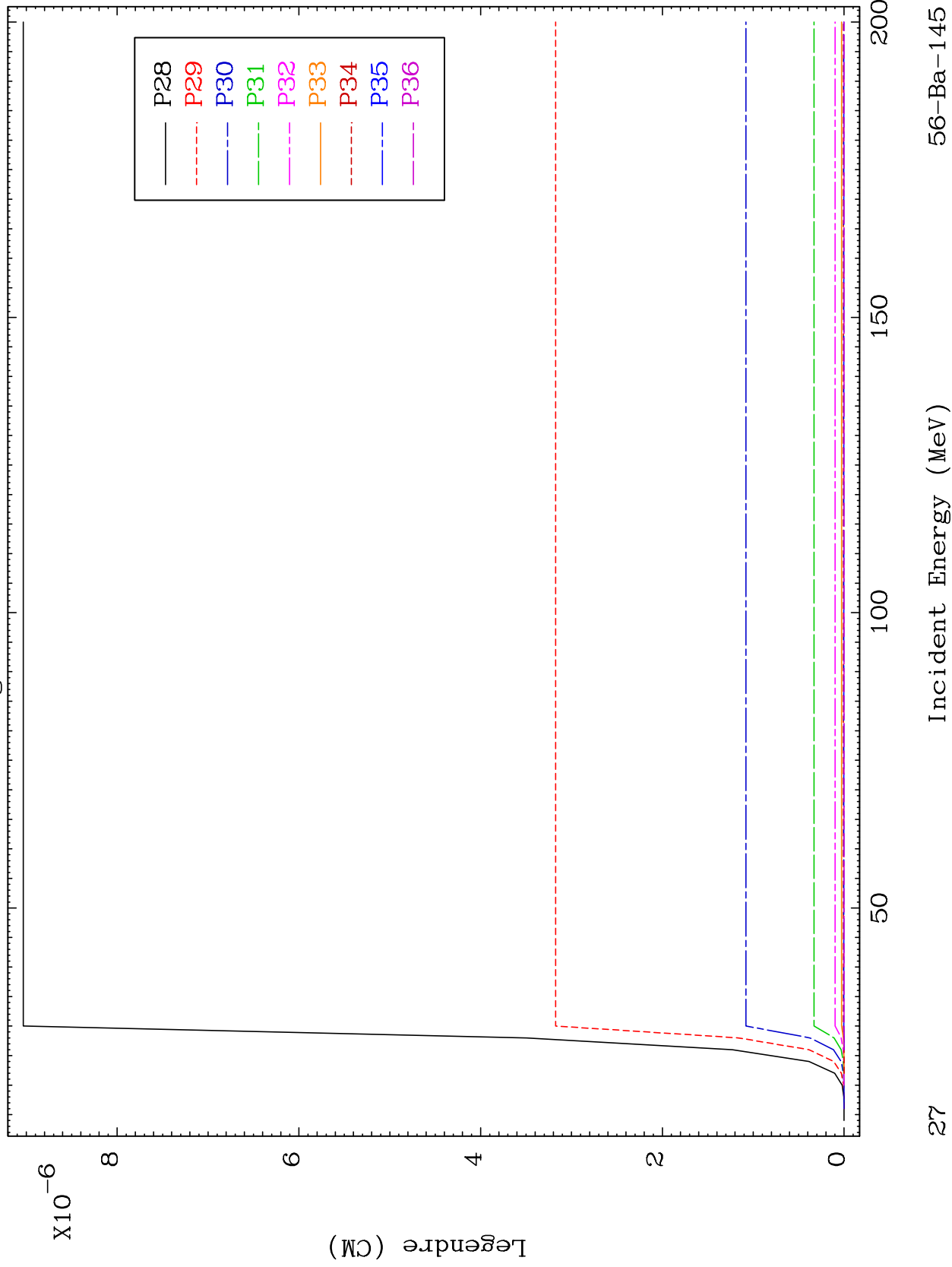
56-Ba-145



MAT 5670

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

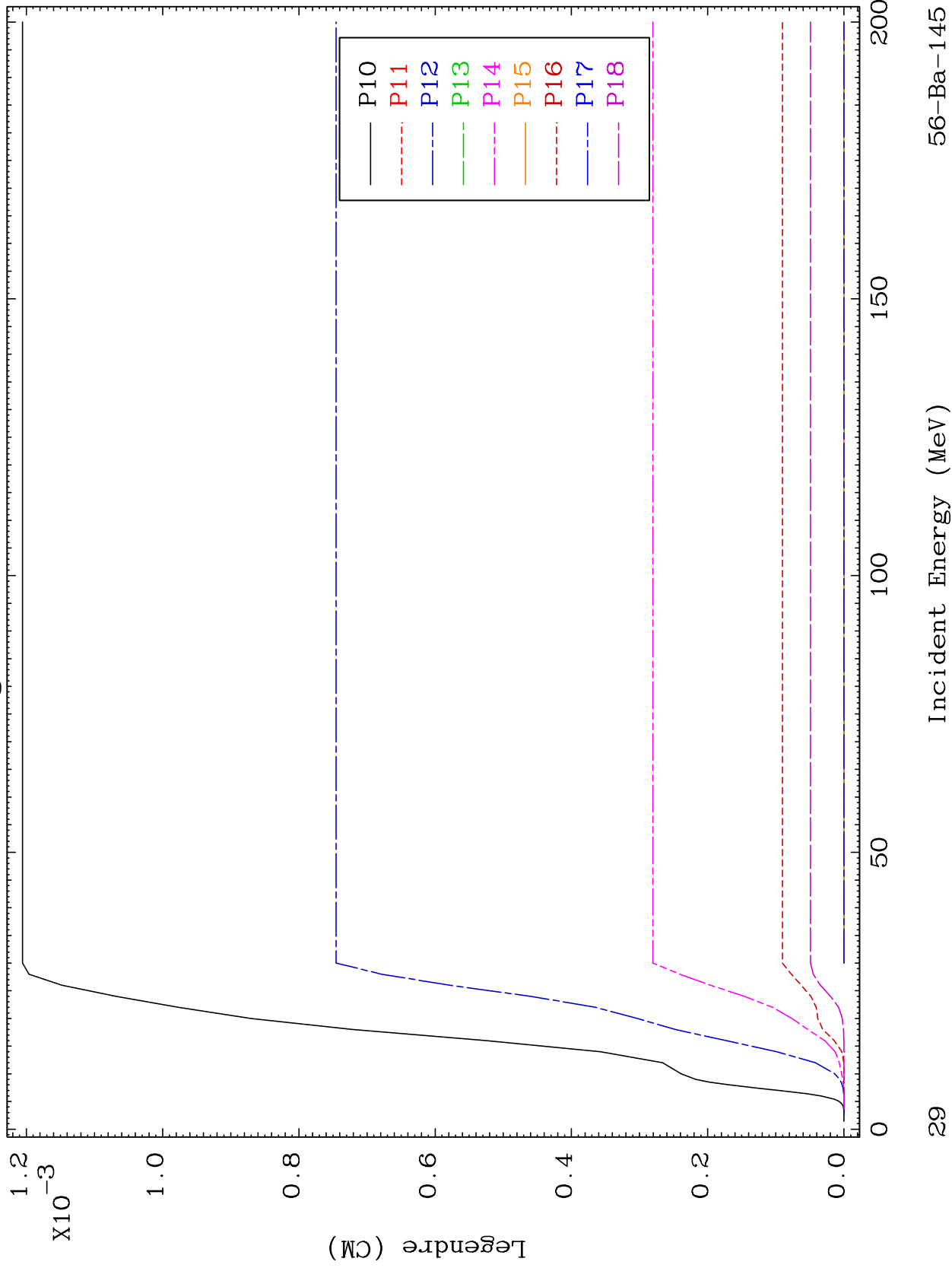
56-Ba-145



MAT 5670

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

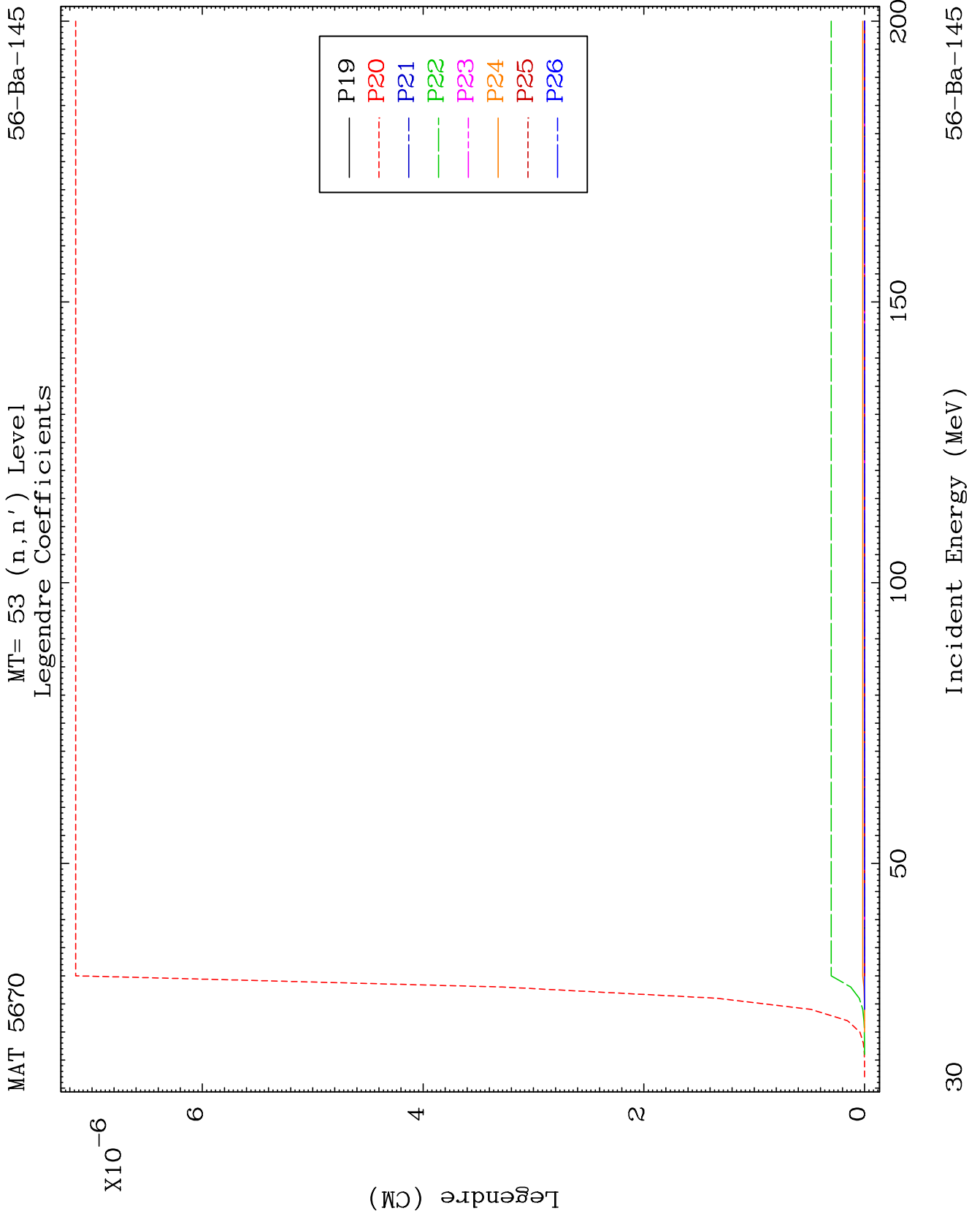
56-Ba-145

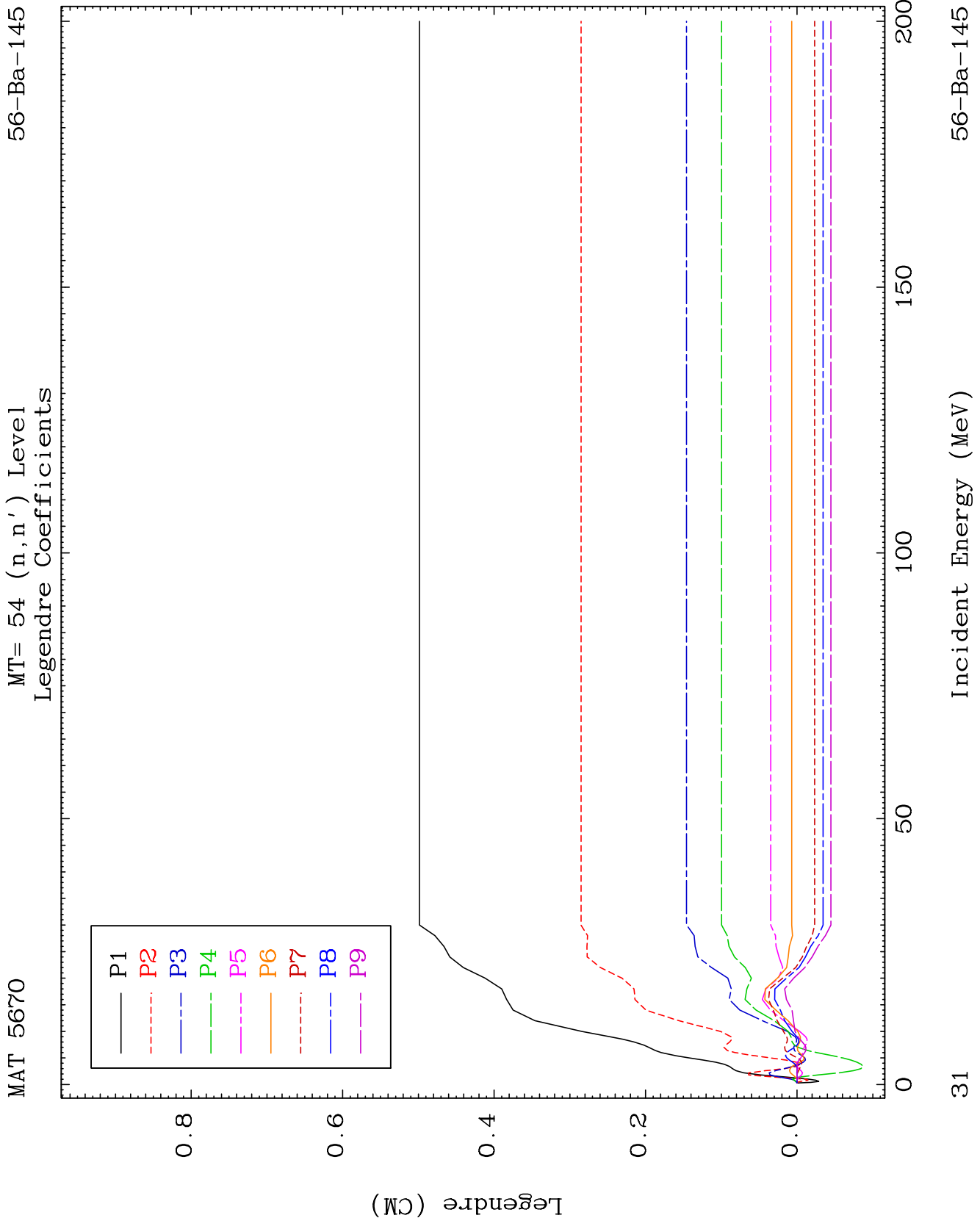


56-Ba-145

Incident Energy (MeV)

29

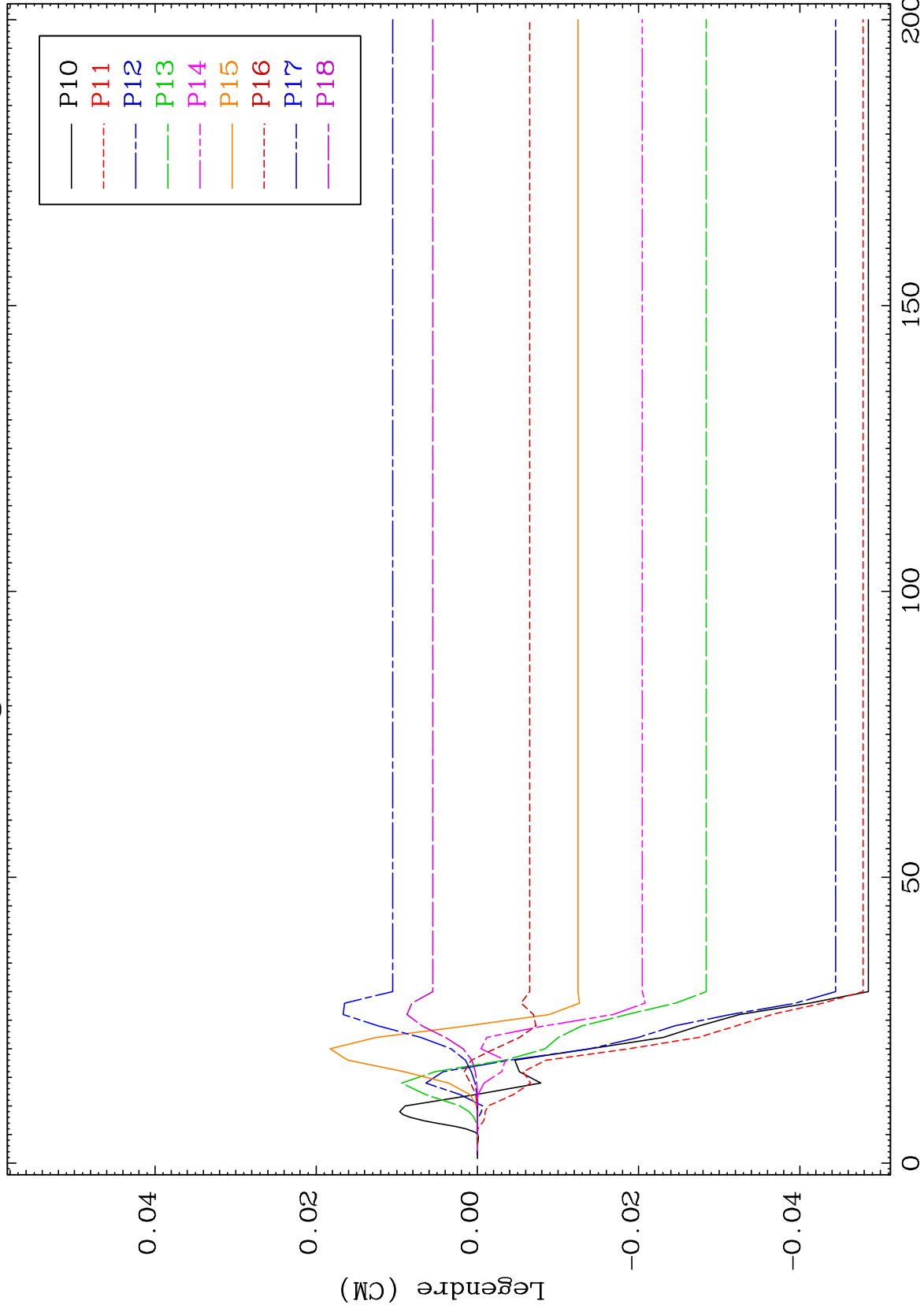




MAT 5670

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

56-Ba-145



32

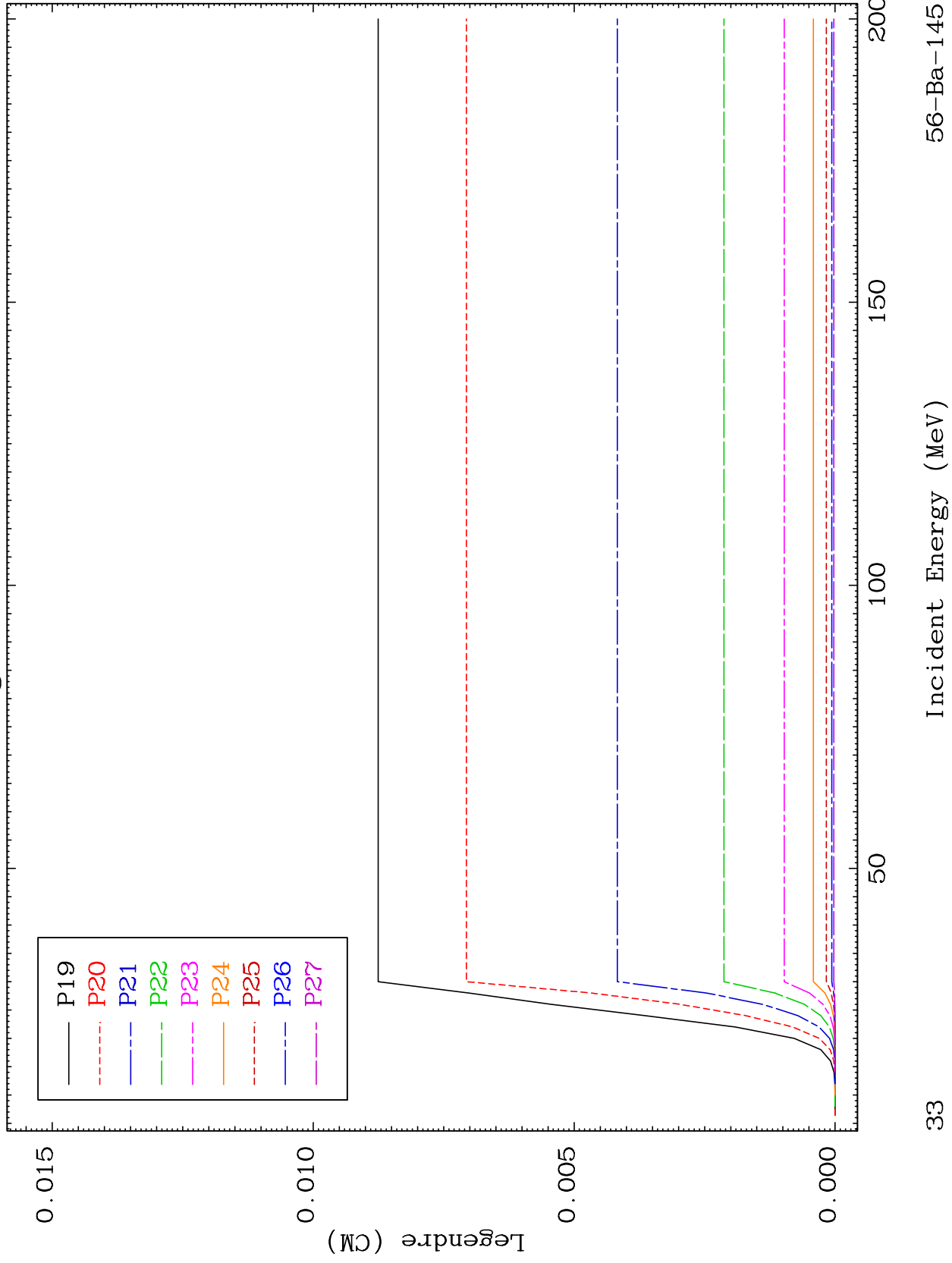
Incident Energy (MeV)

56-Ba-145

MAT 5670

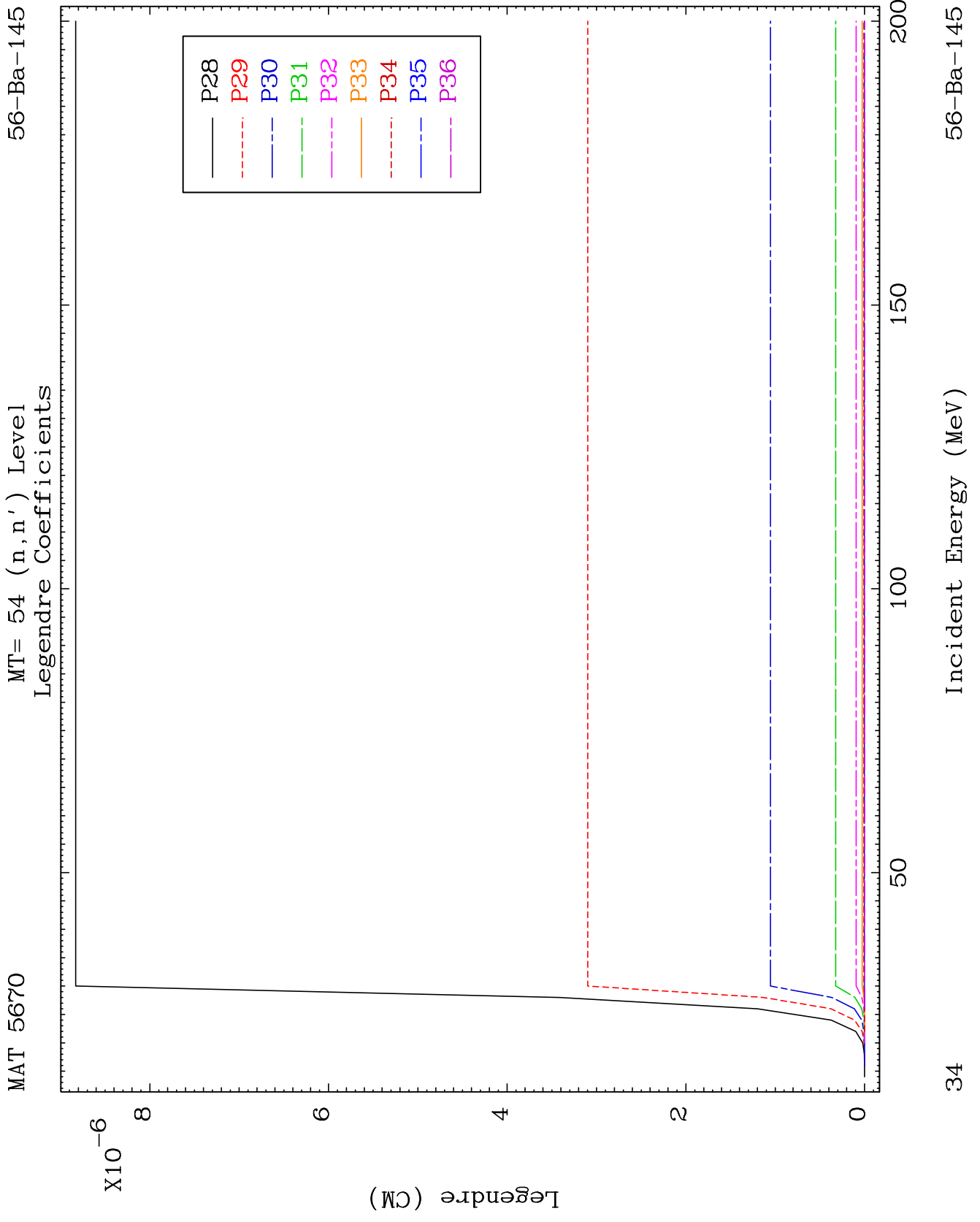
MT= 54 (n,n') Level
Legendre Coefficients

56-Ba-145



33

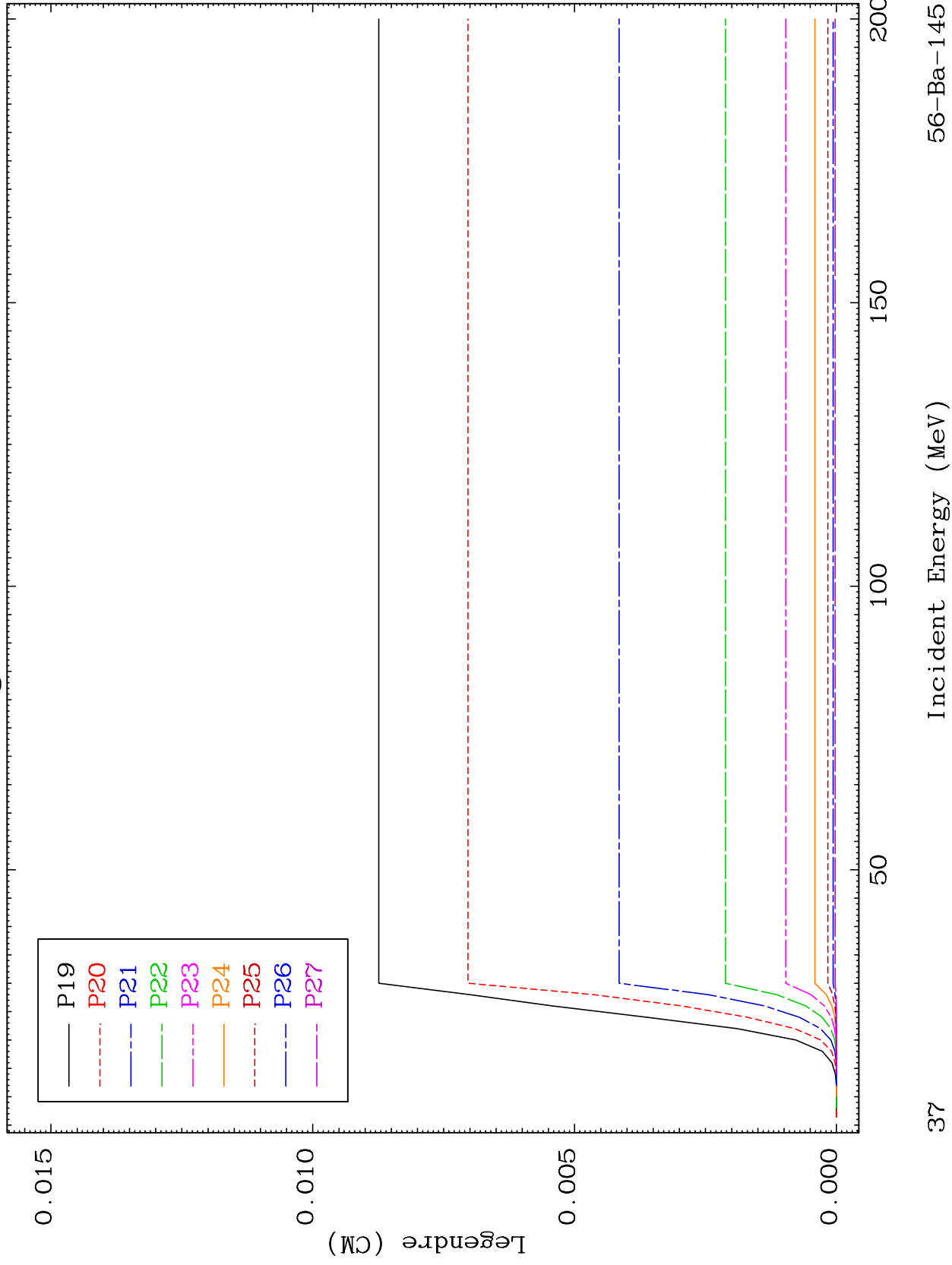
56-Ba-145



MAT 5670

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

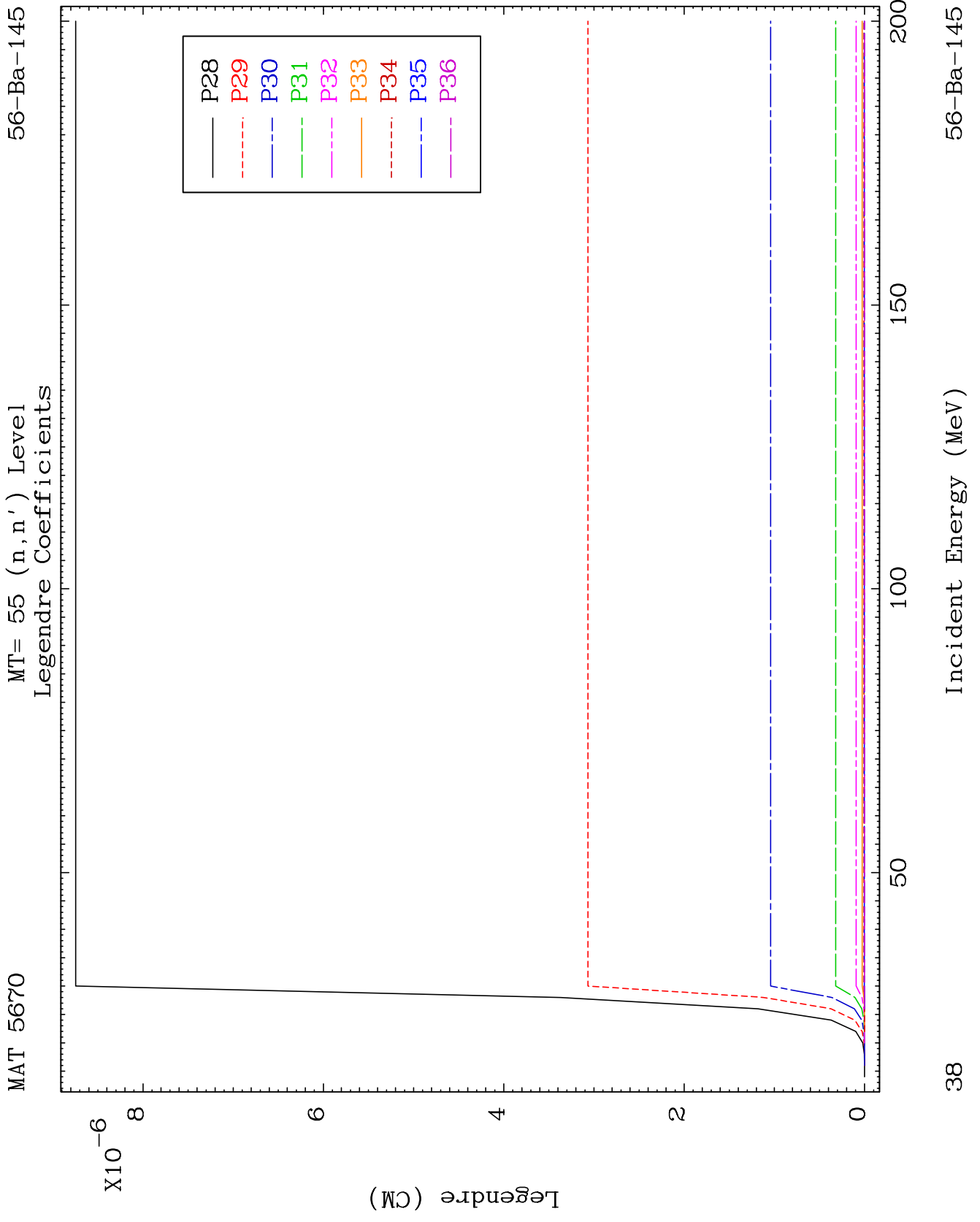
56-Ba-145

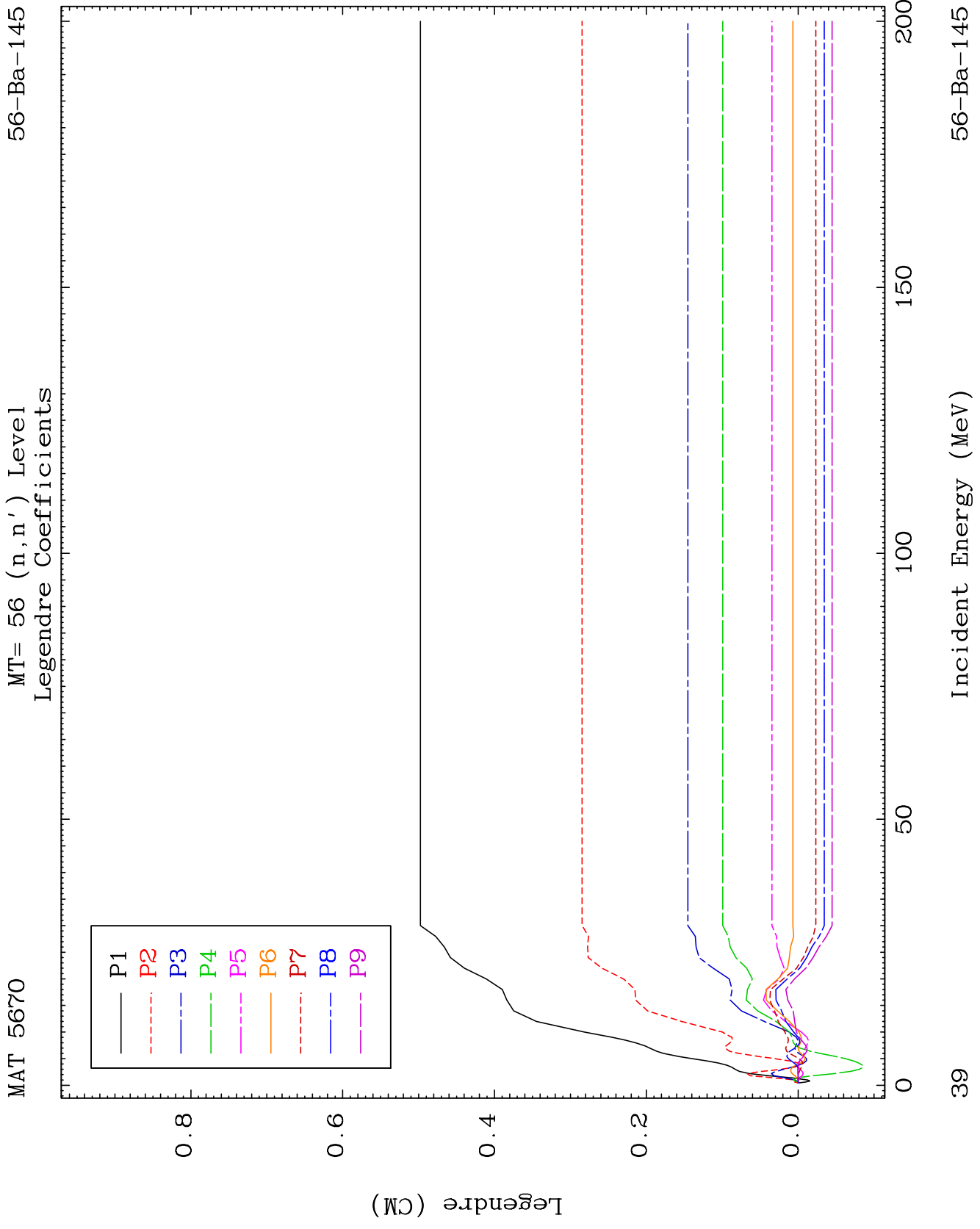


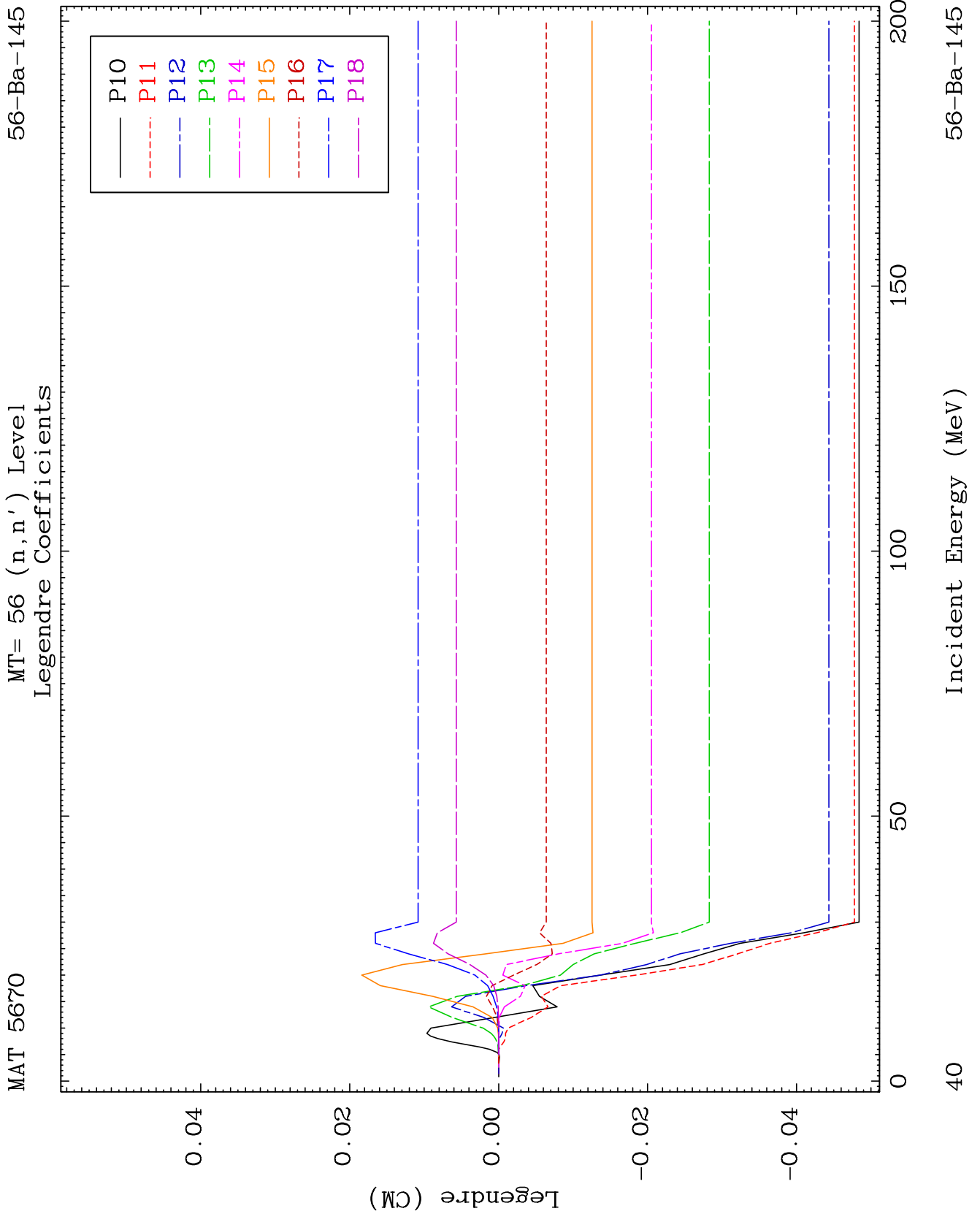
37

Incident Energy (MeV)

56-Ba-145



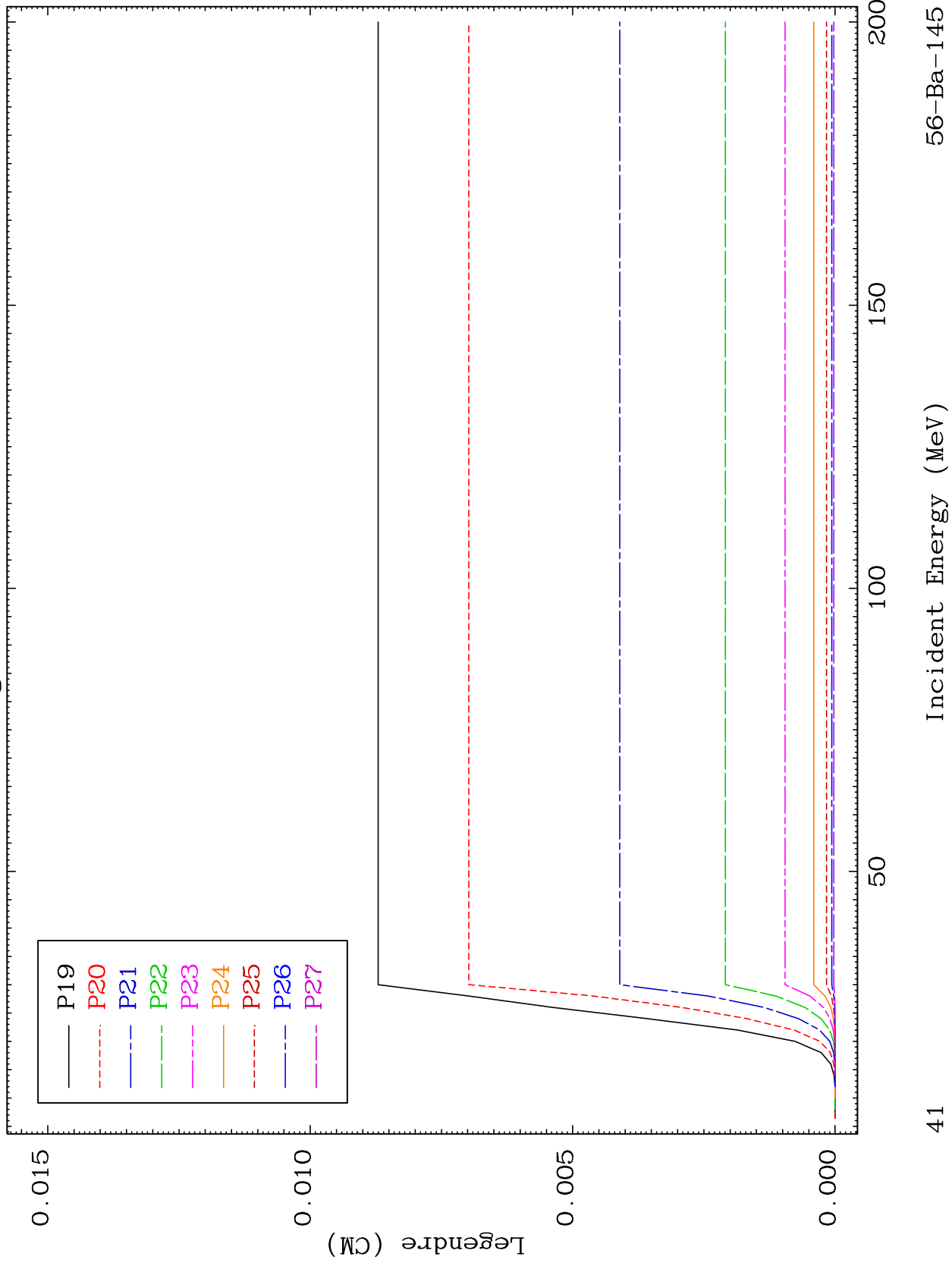


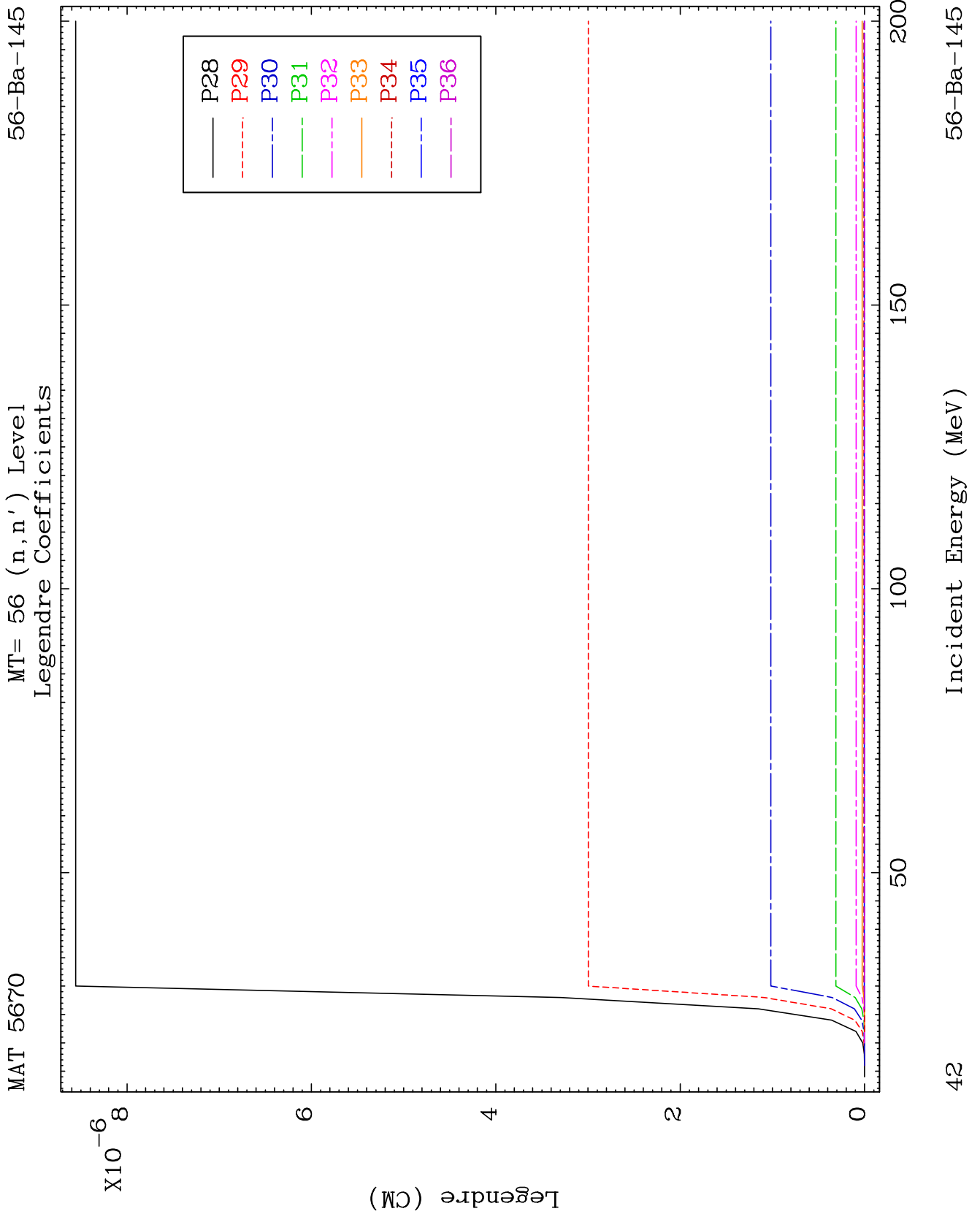


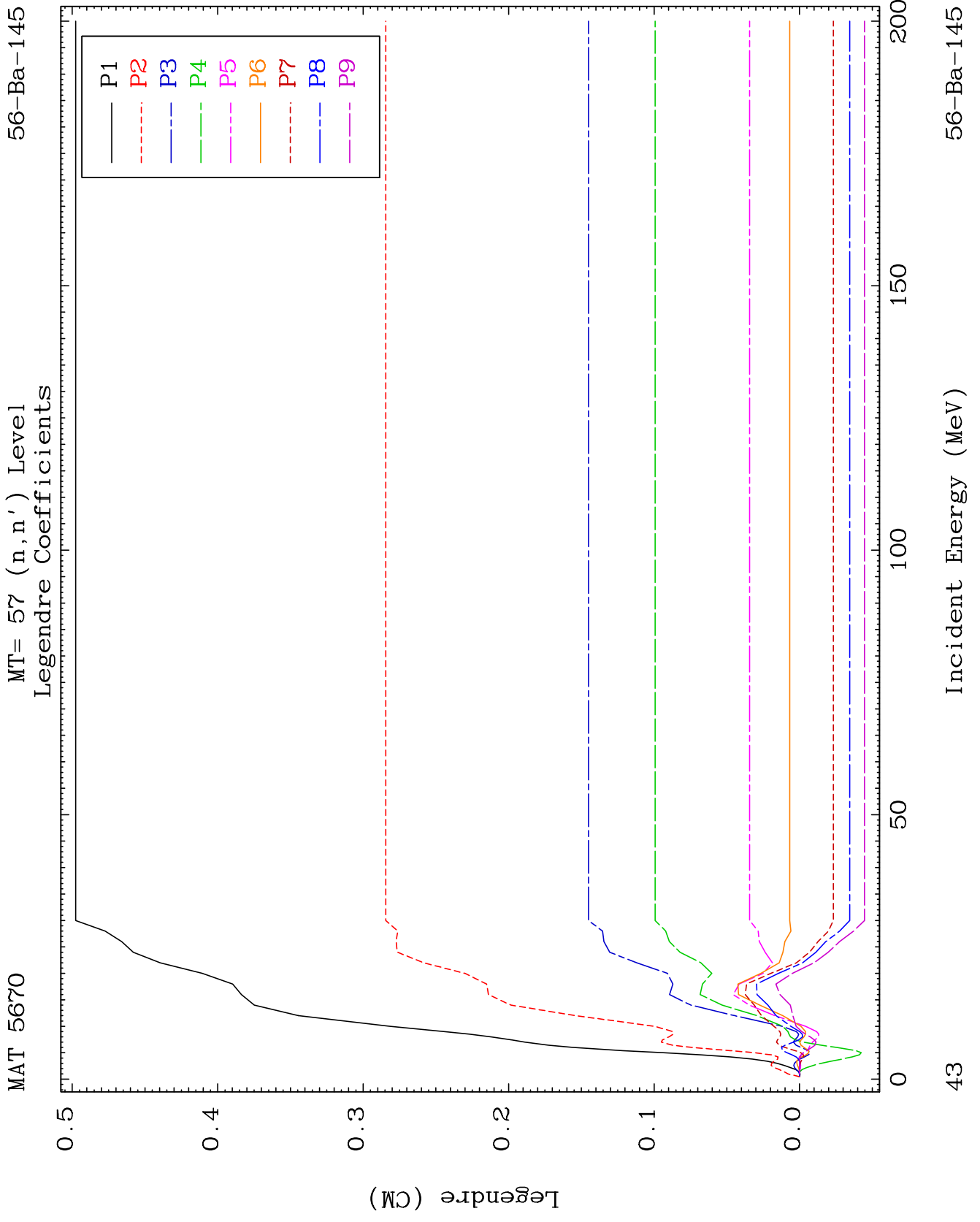
MAT 5670

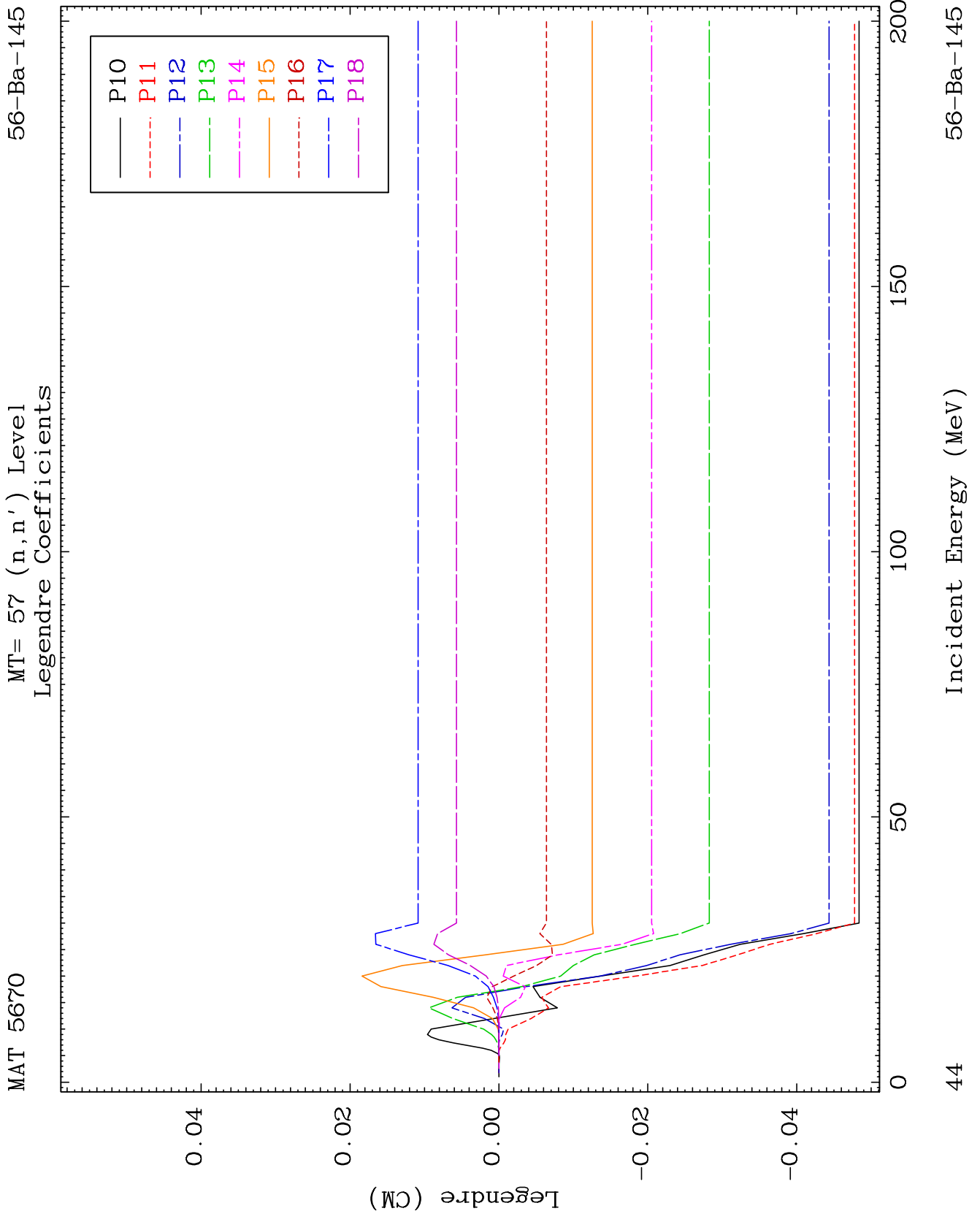
MT= 56 (n,n') Level
Legendre Coefficients

56-Ba-145





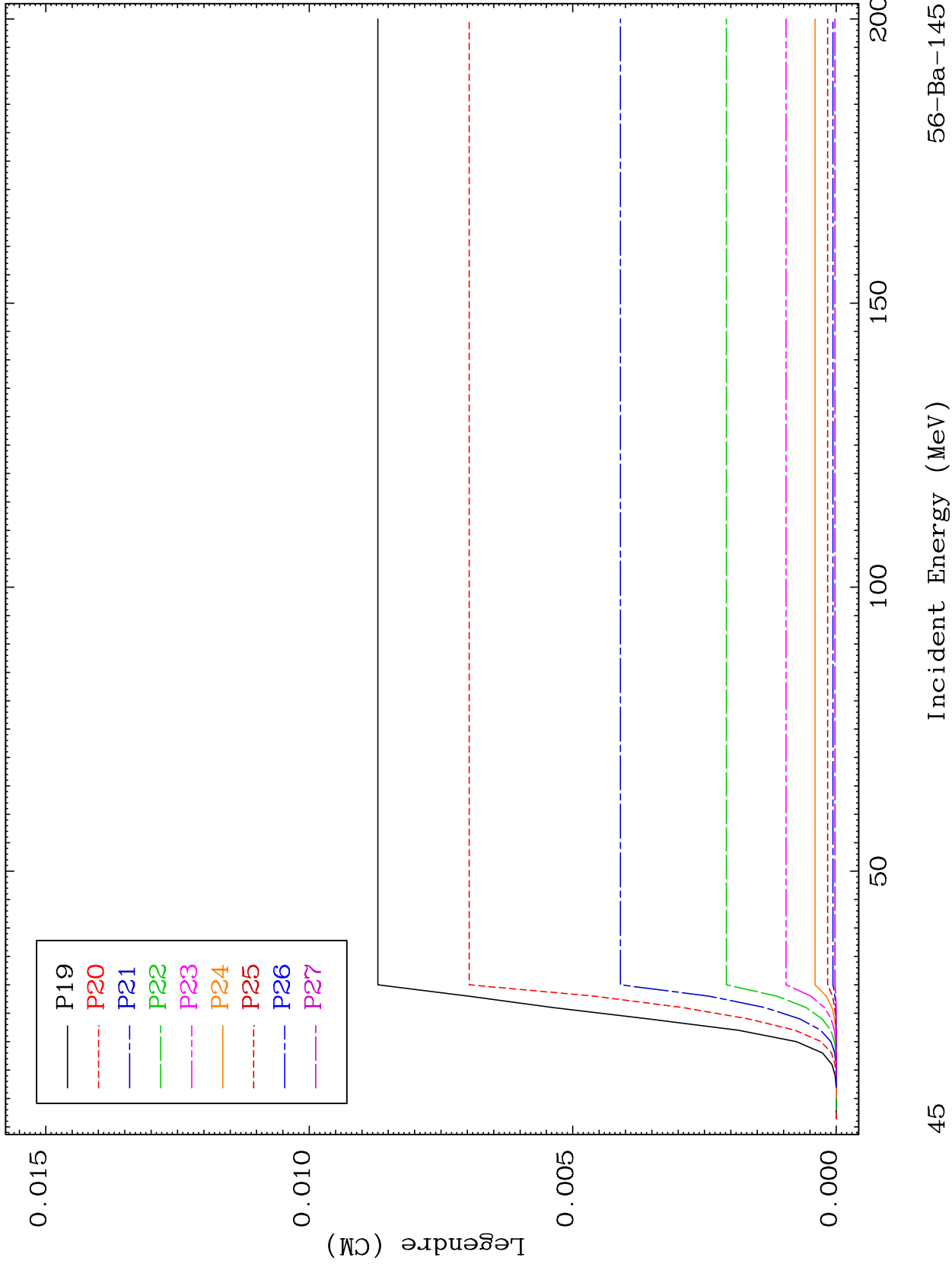




MAT 5670

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

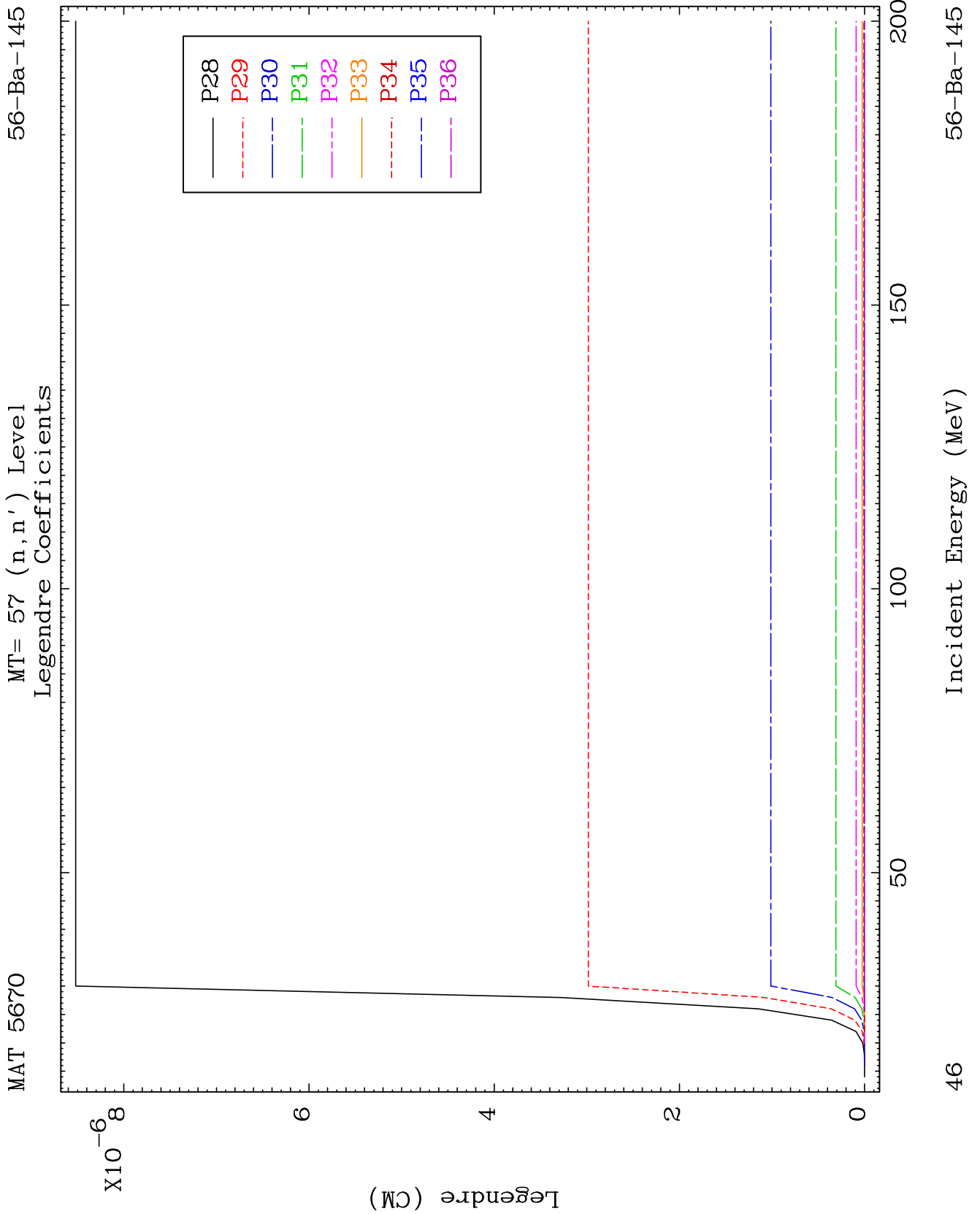
56-Ba-145

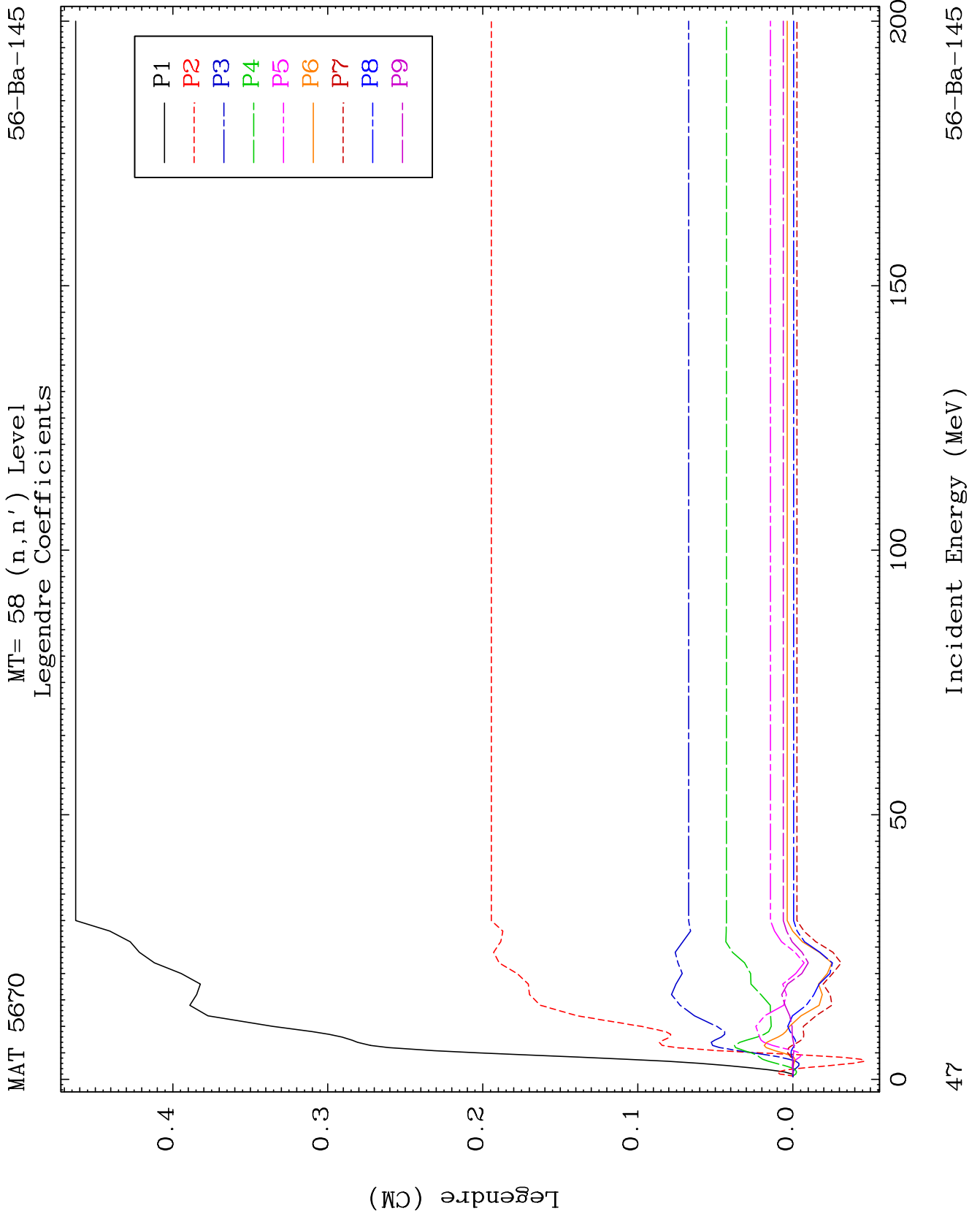


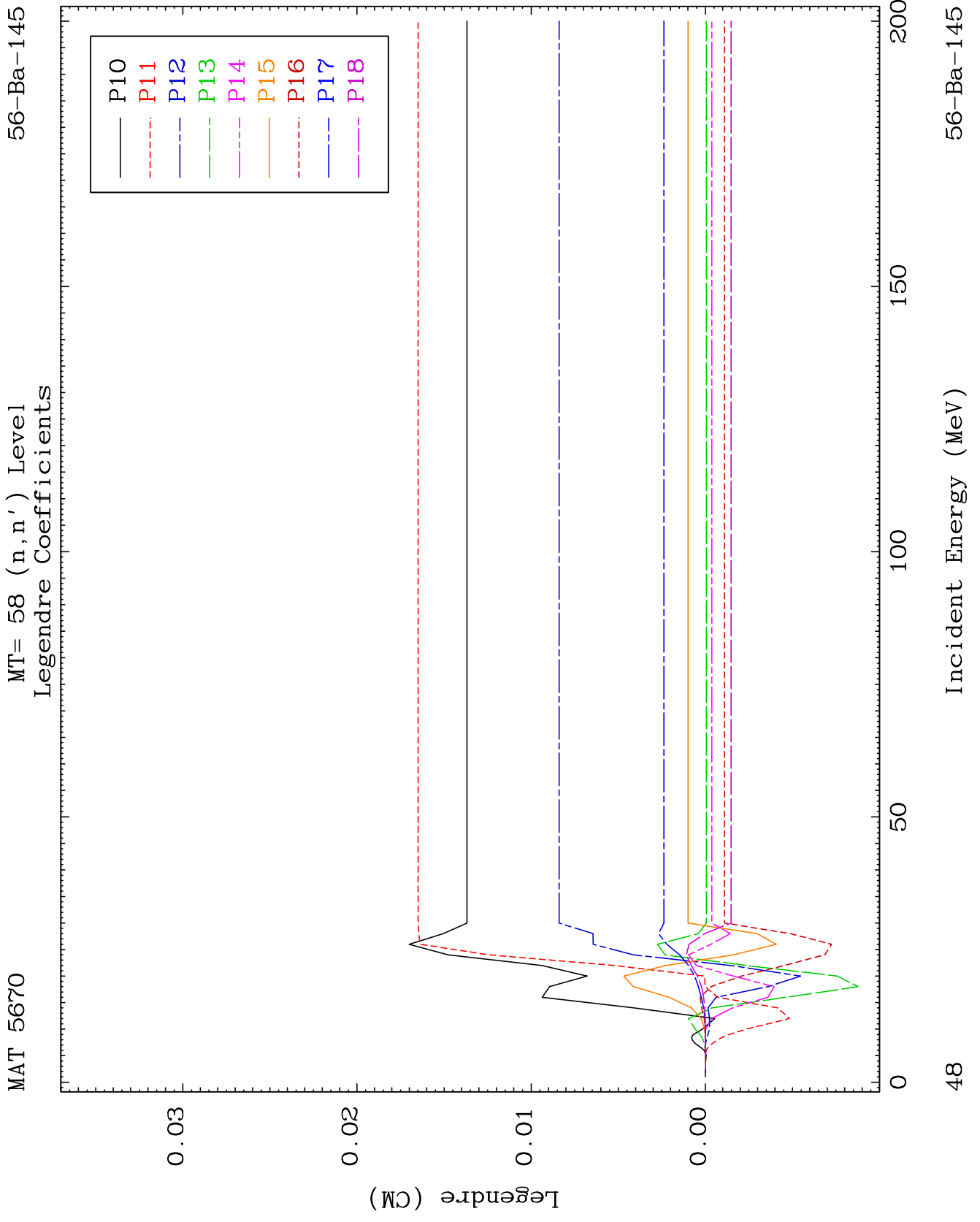
56-Ba-145

Incident Energy (MeV)

45



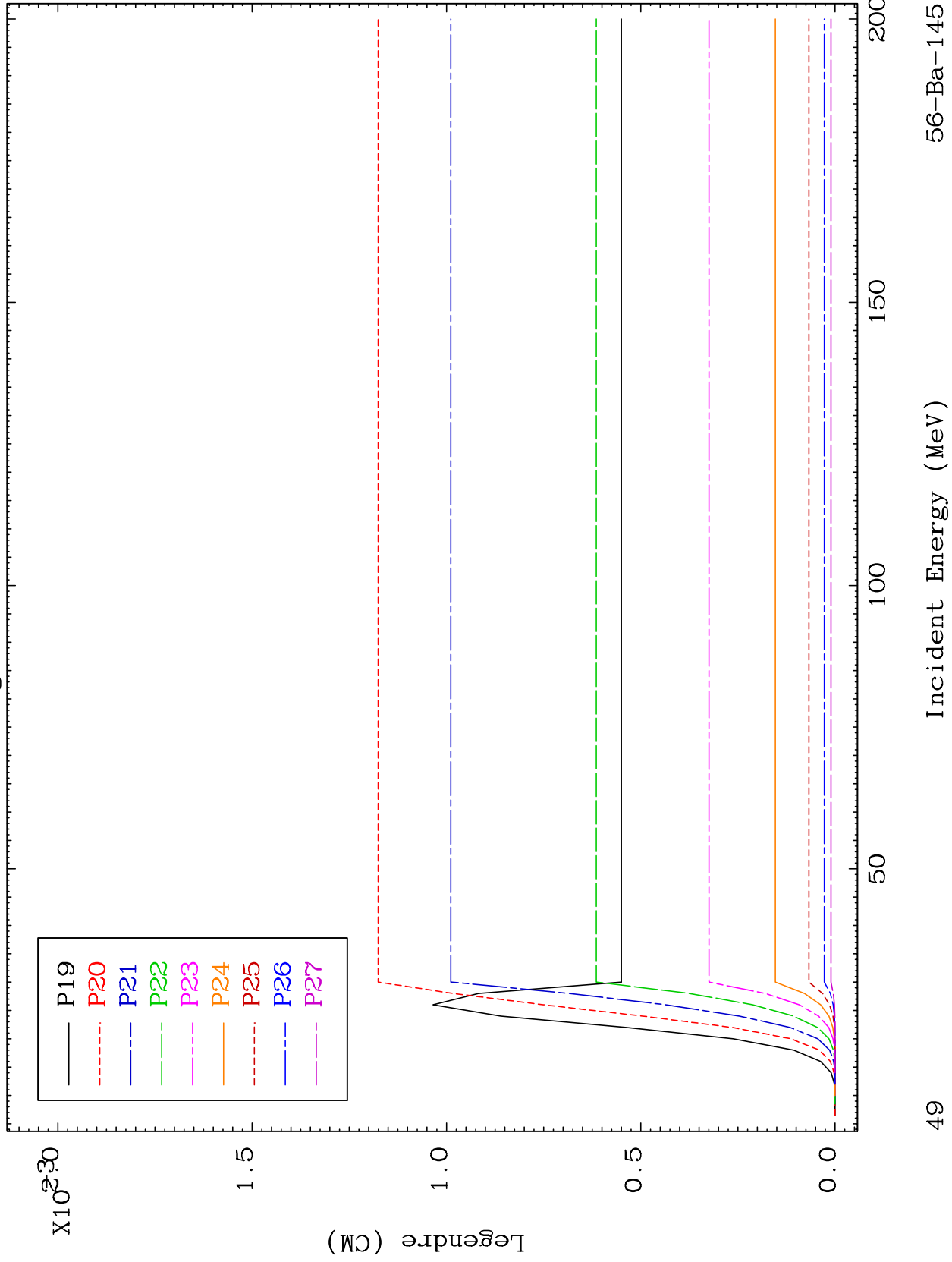




MAT 5670

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

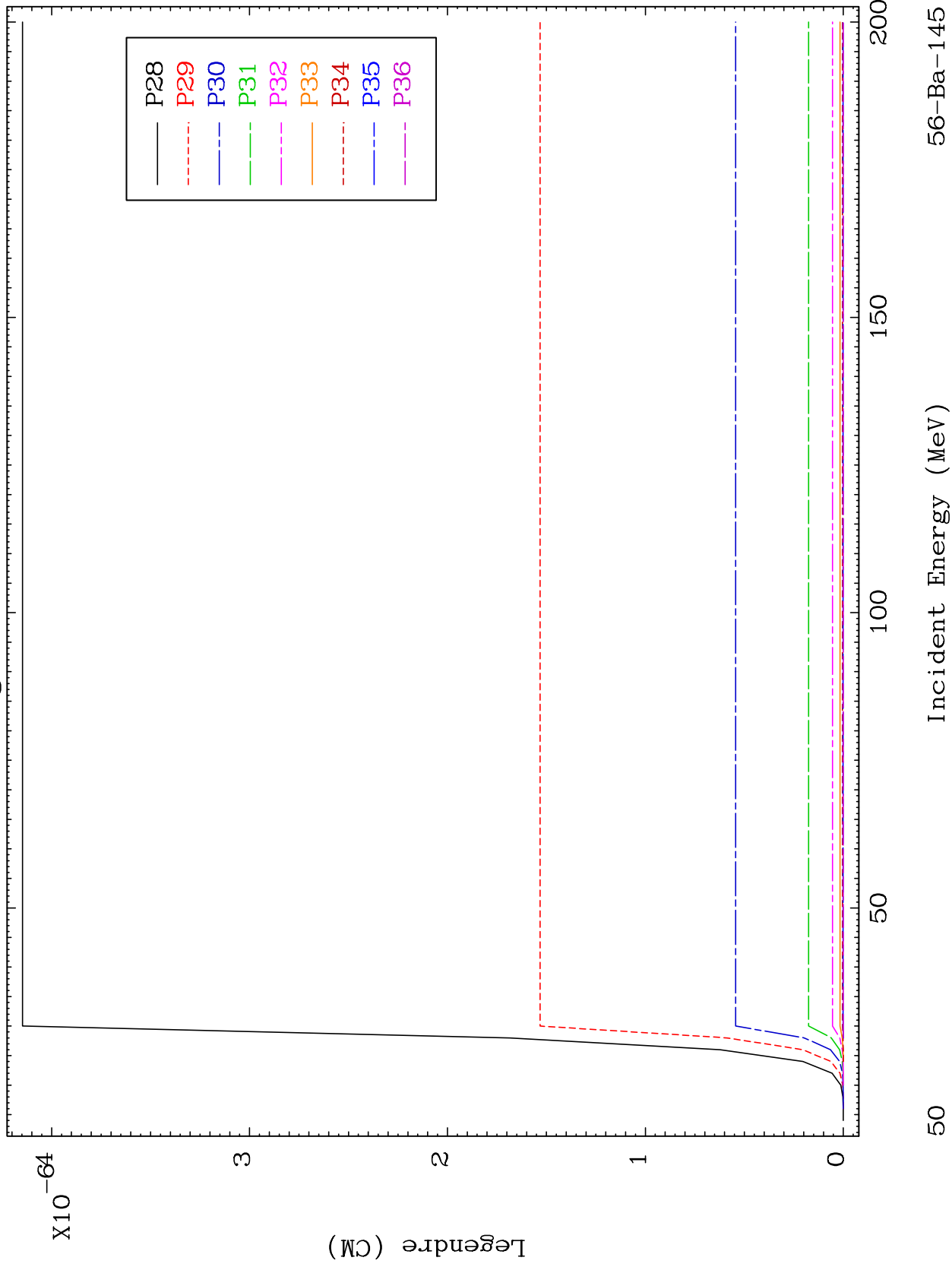
56-Ba-145



MAT 5670

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

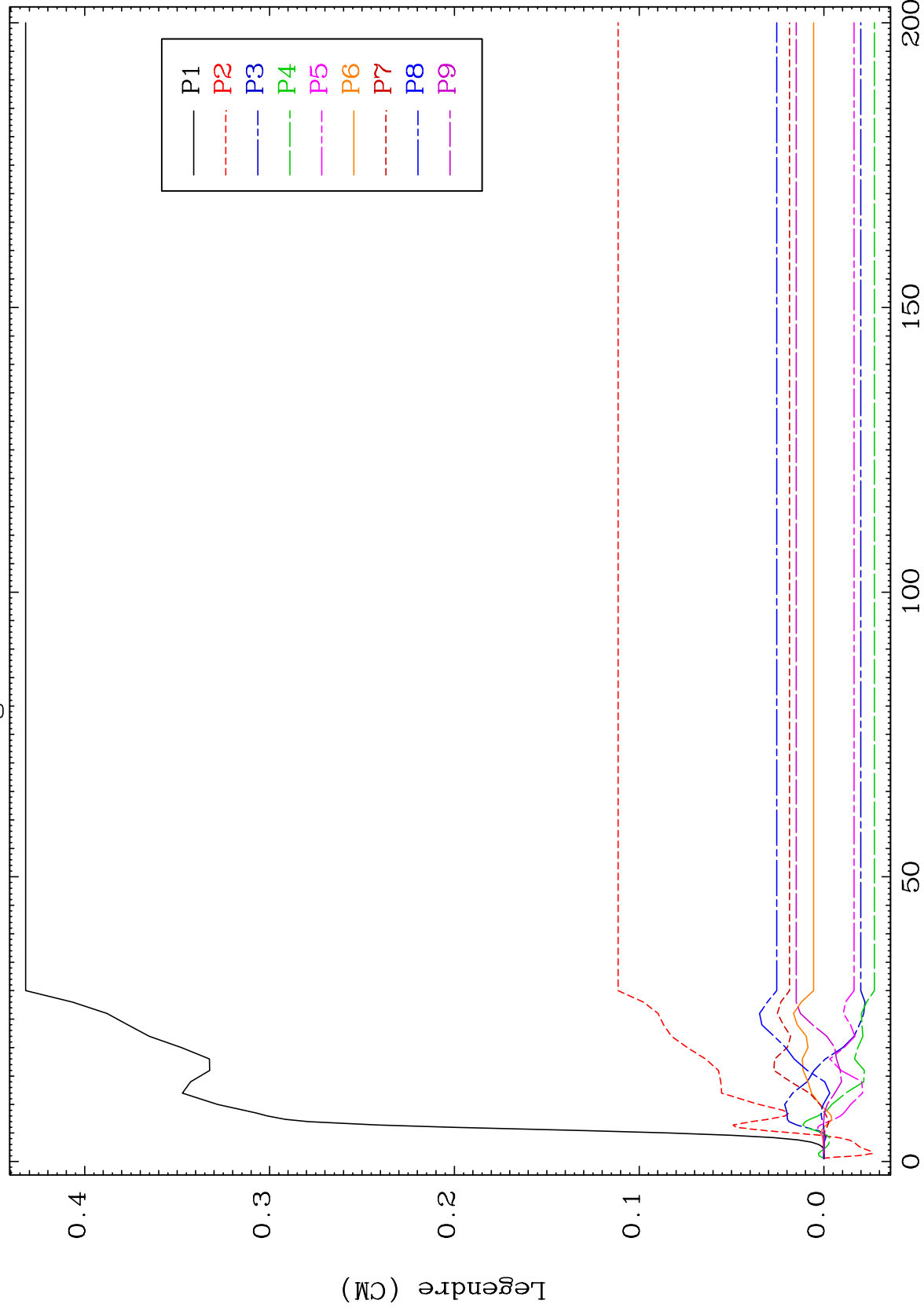
56-Ba-145



MAT 5670

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

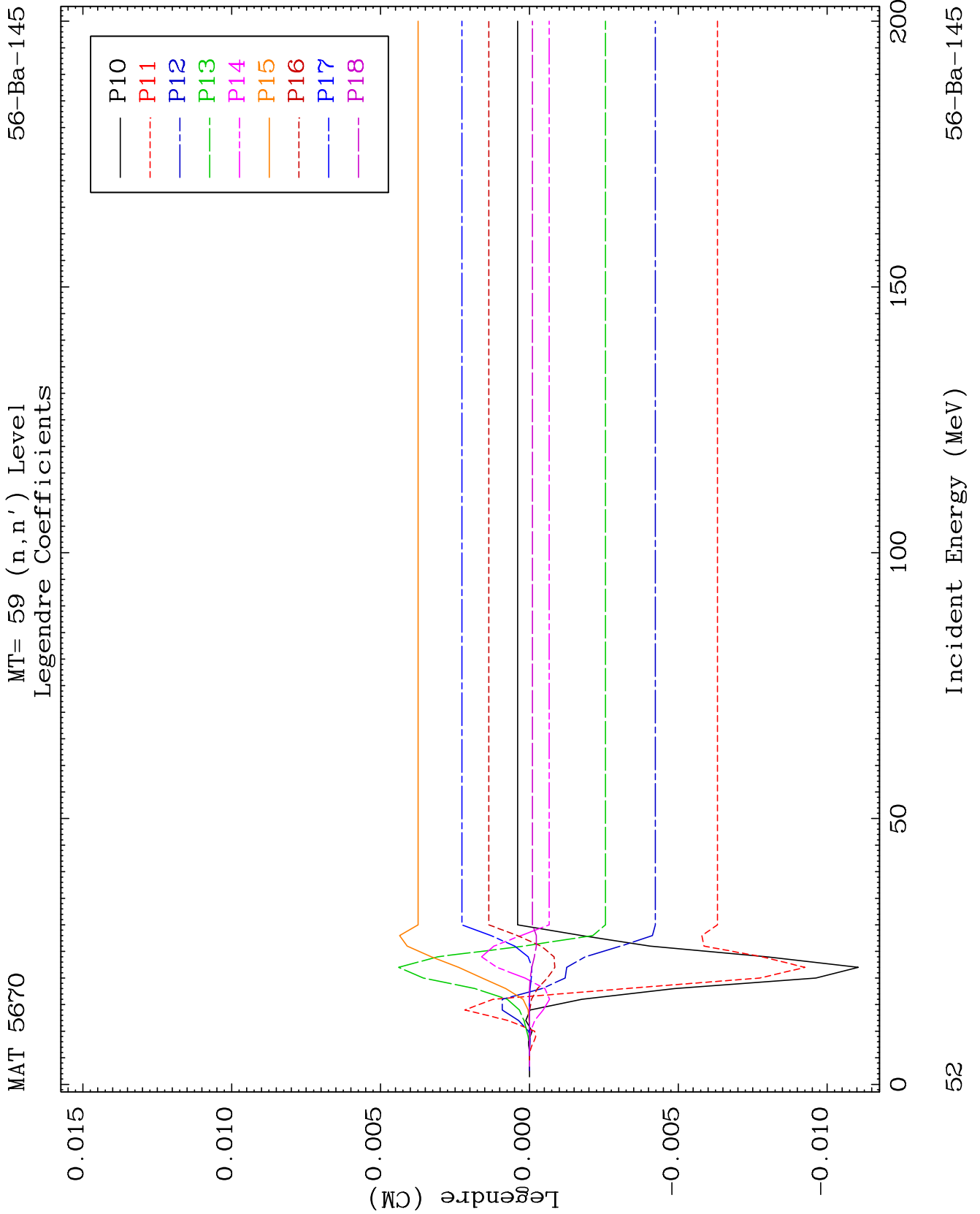
56-Ba-145

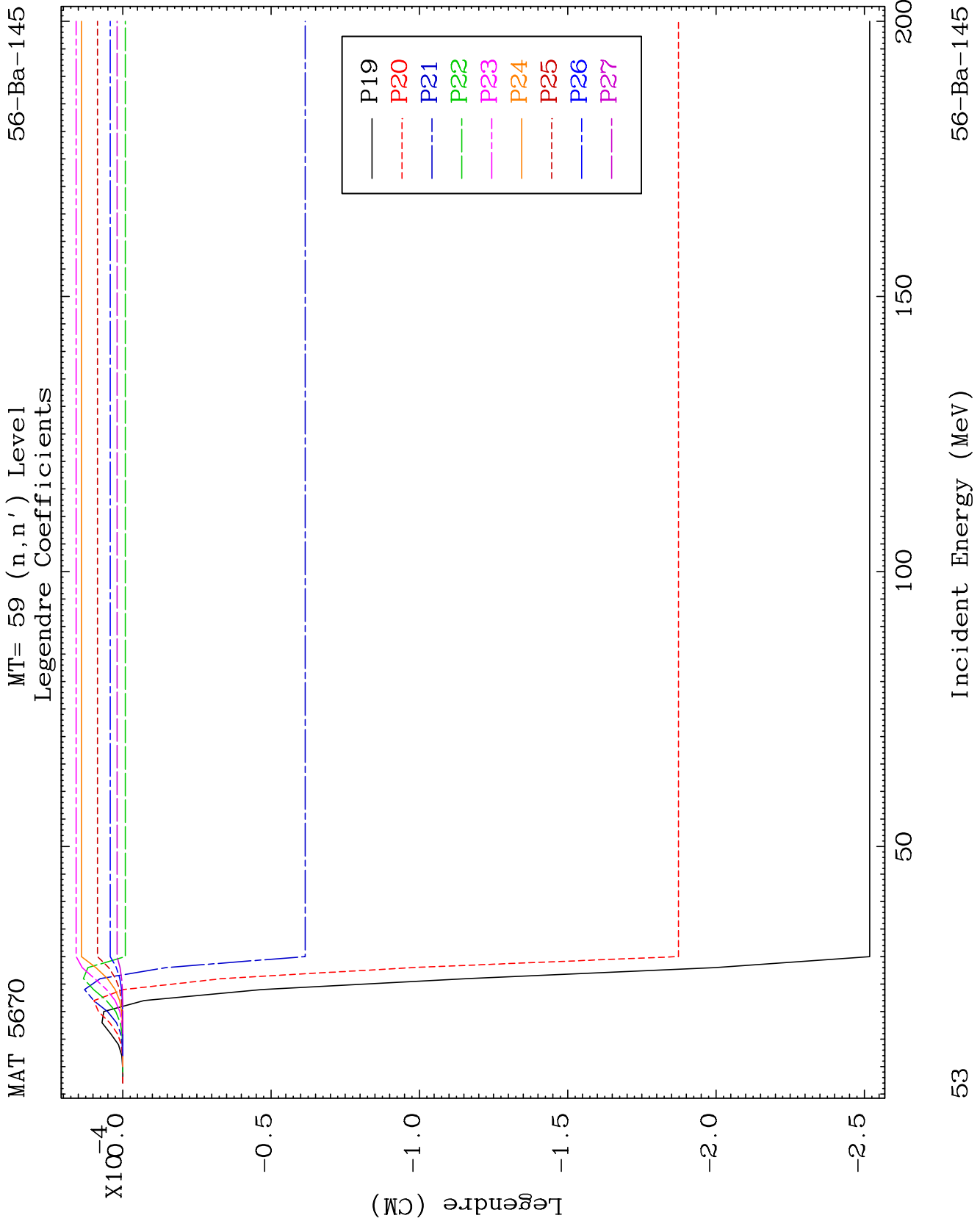


51

Incident Energy (MeV)

56-Ba-145

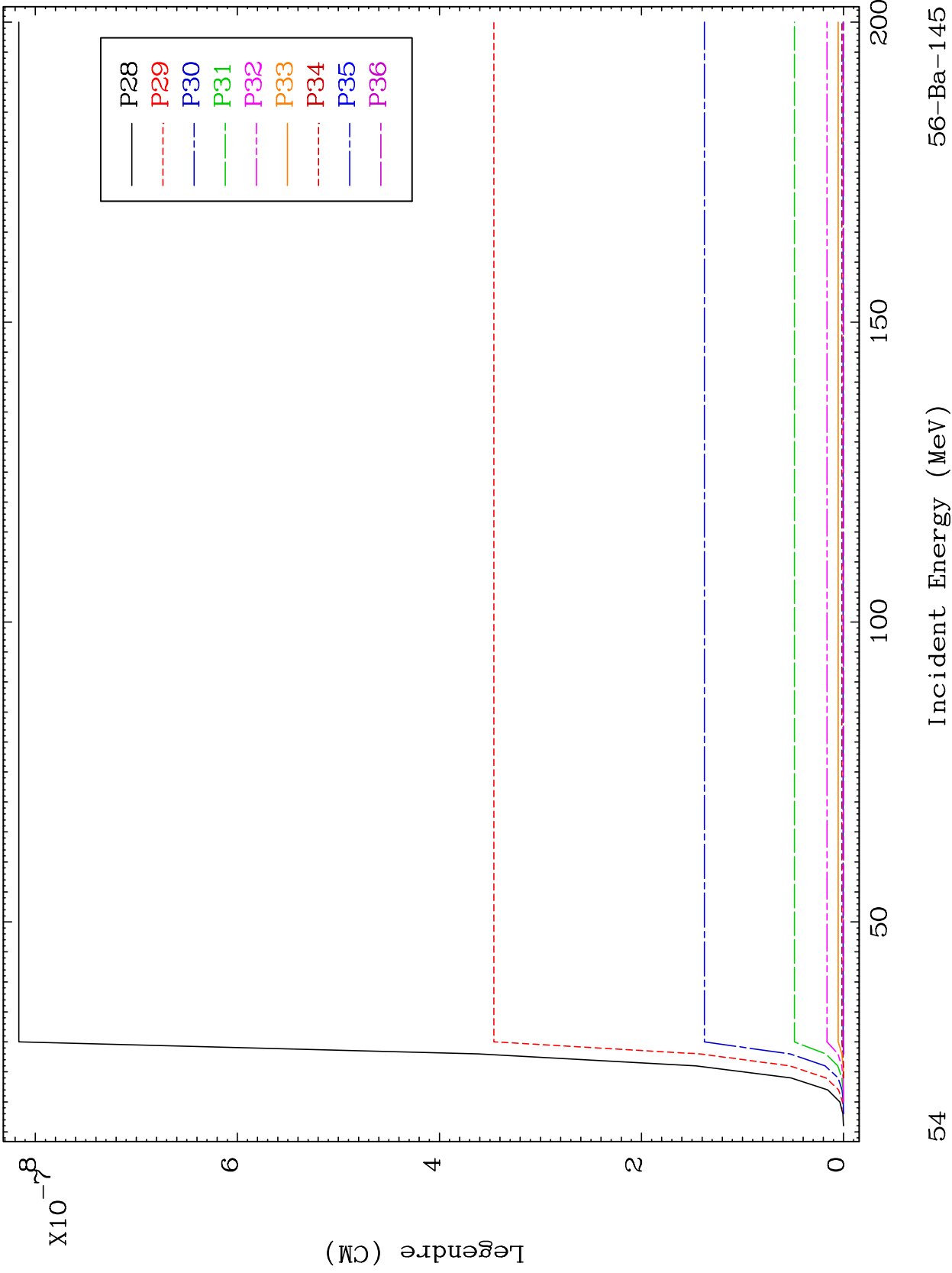




MAT 5670

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

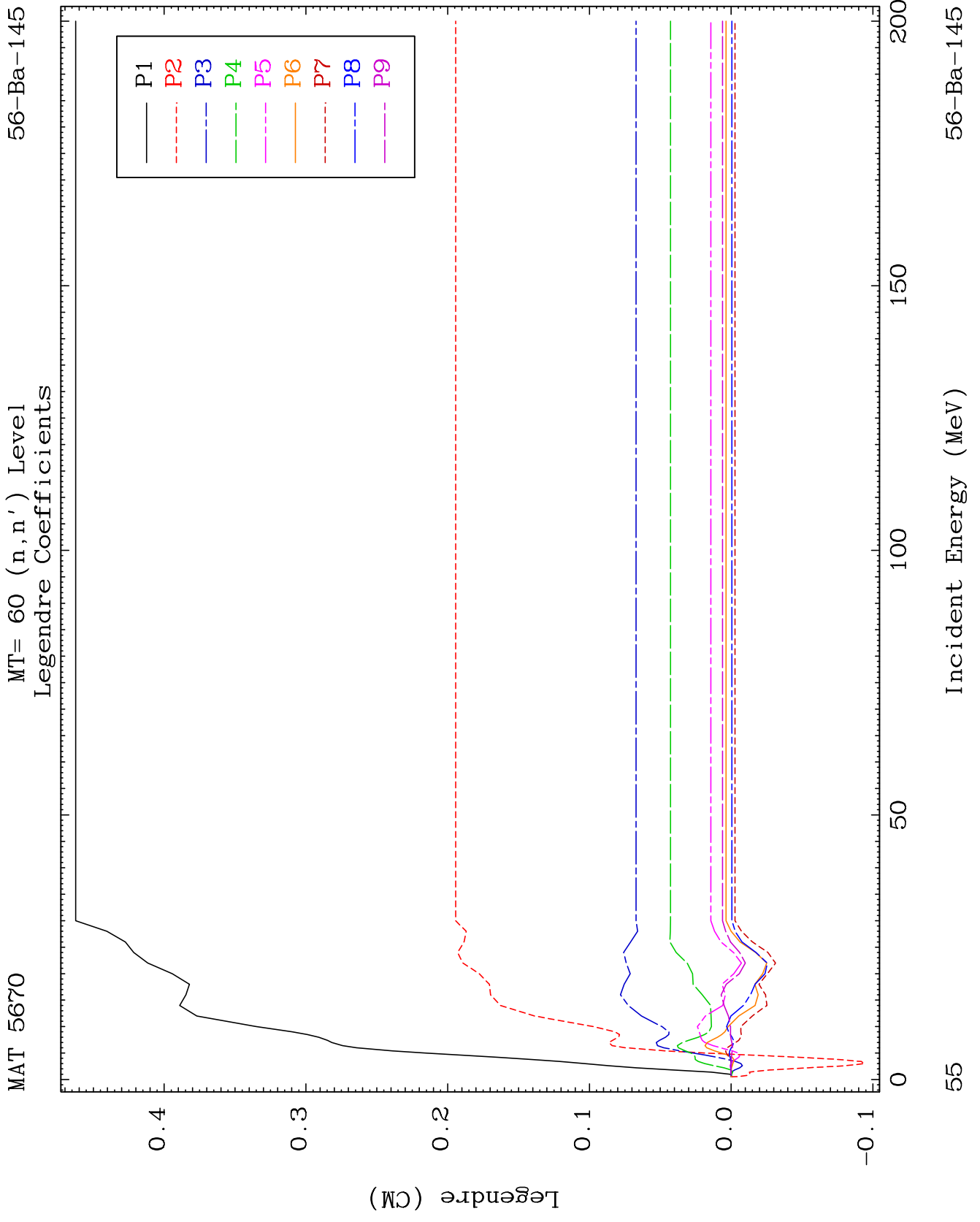
56-Ba-145



54

Incident Energy (MeV)

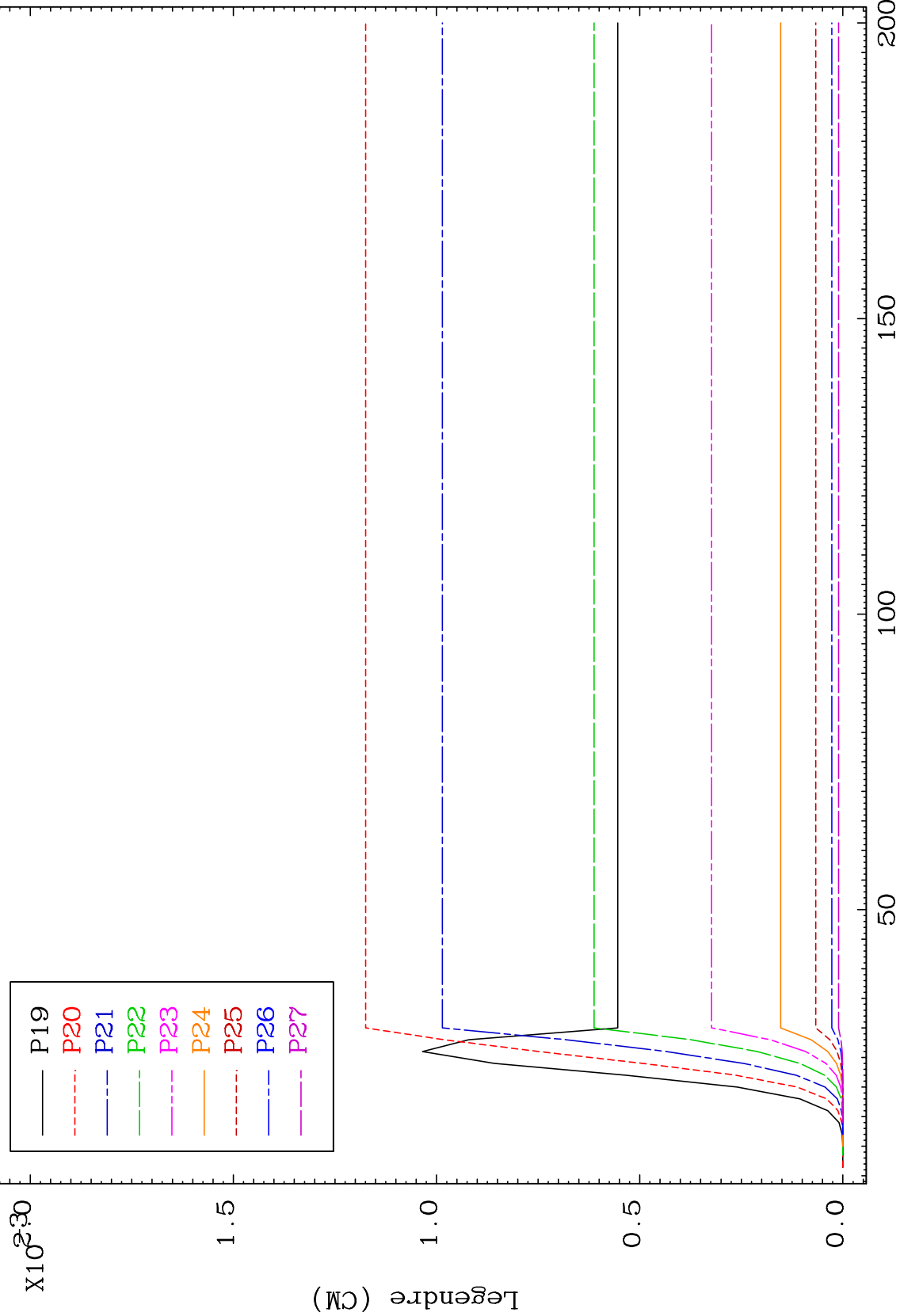
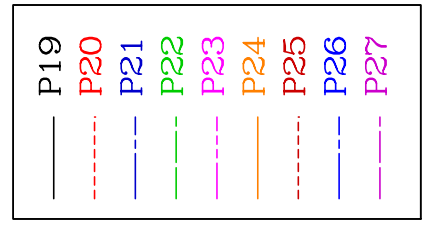
56-Ba-145



MAT 5670

MT= 60 (n,n') Level
Legendre Coefficients

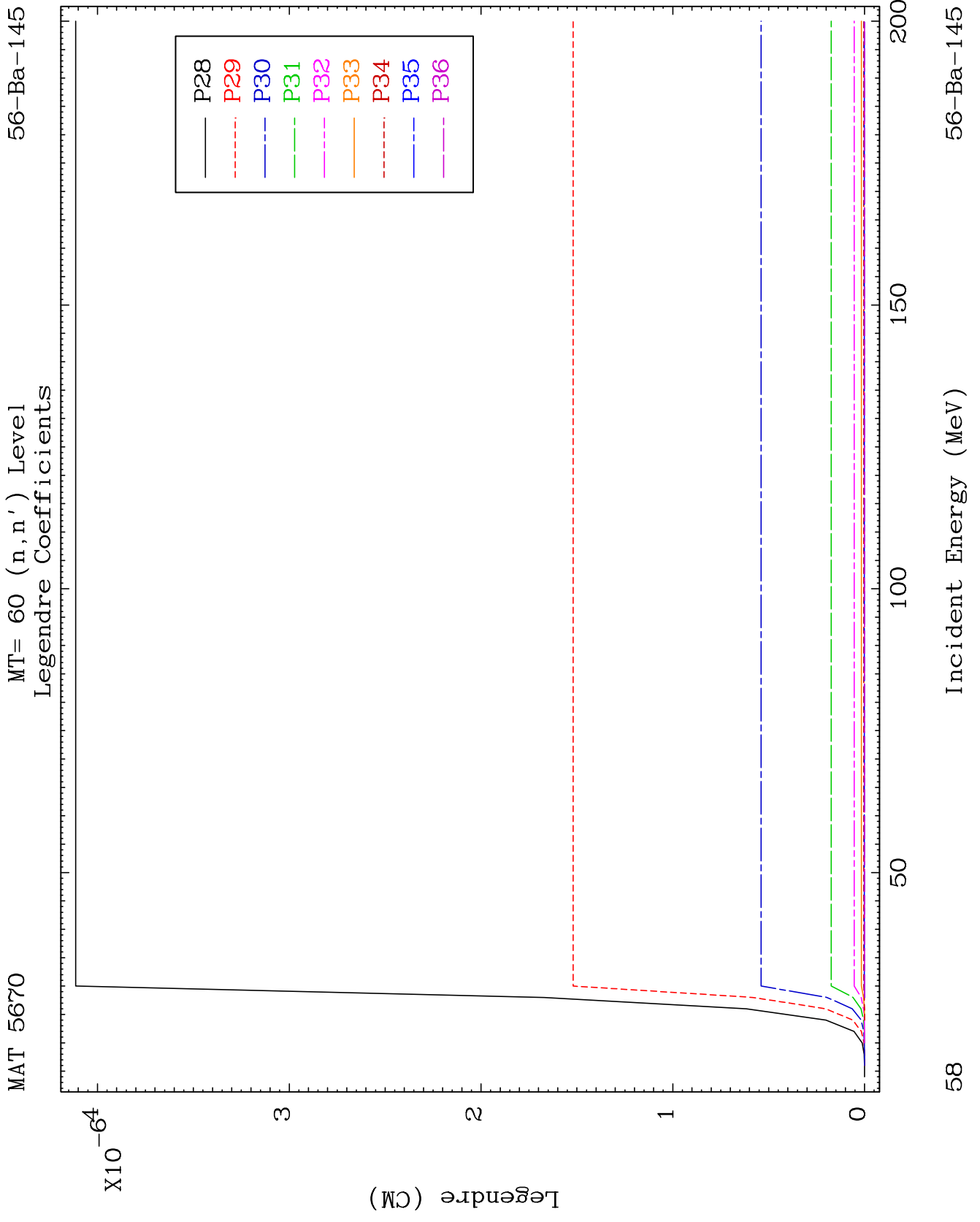
56-Ba-145

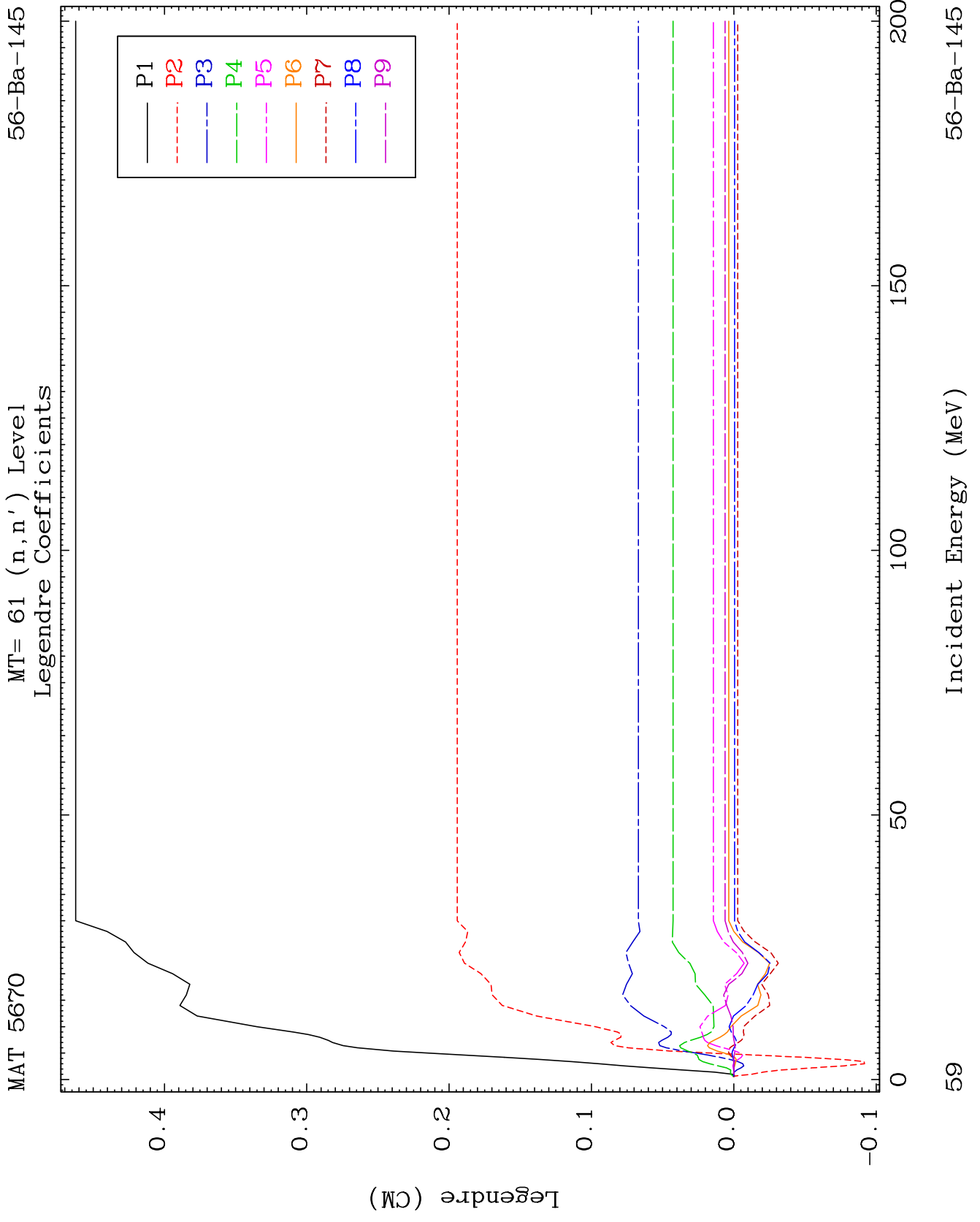


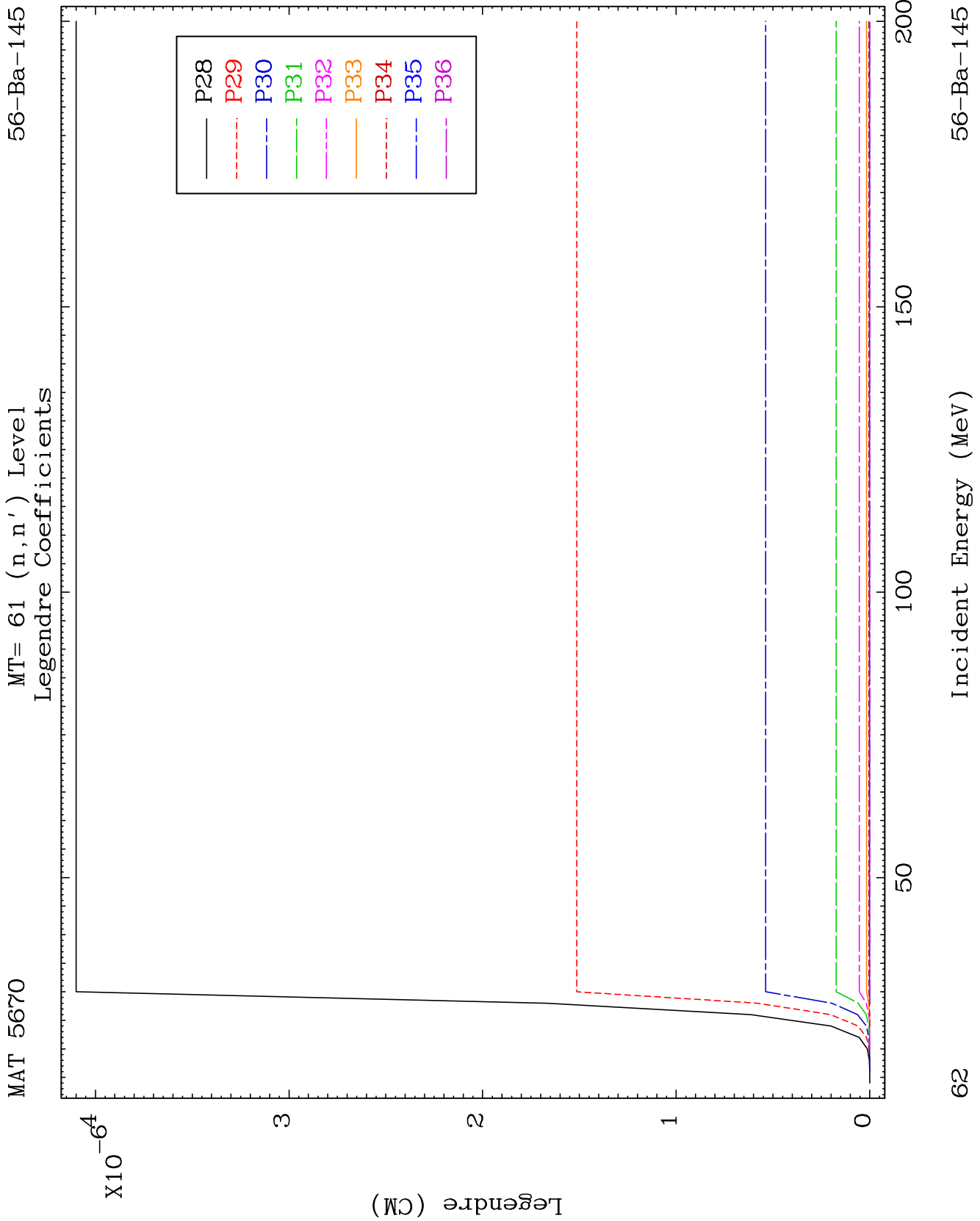
57

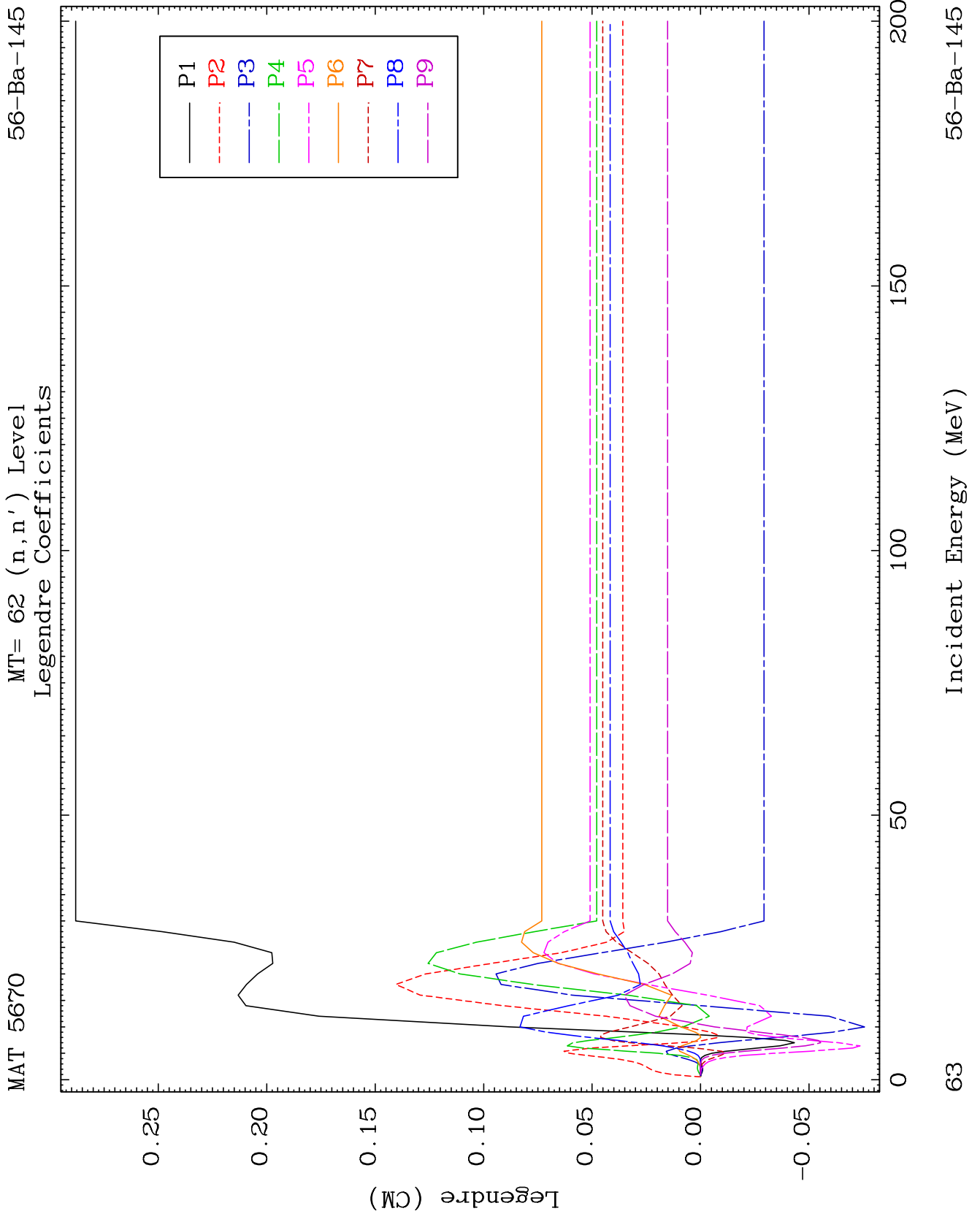
Incident Energy (MeV)

56-Ba-145





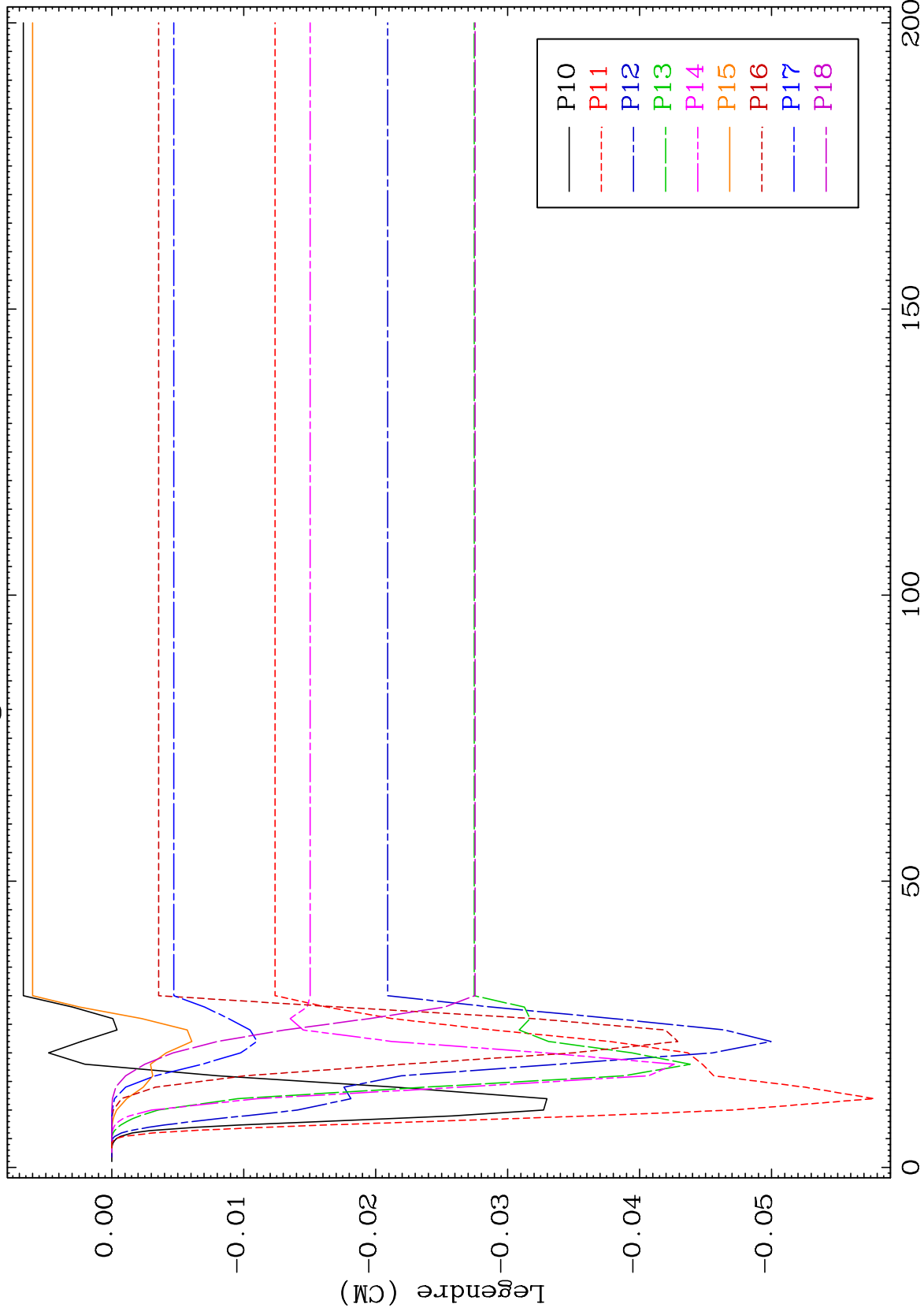




MAT 5670

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

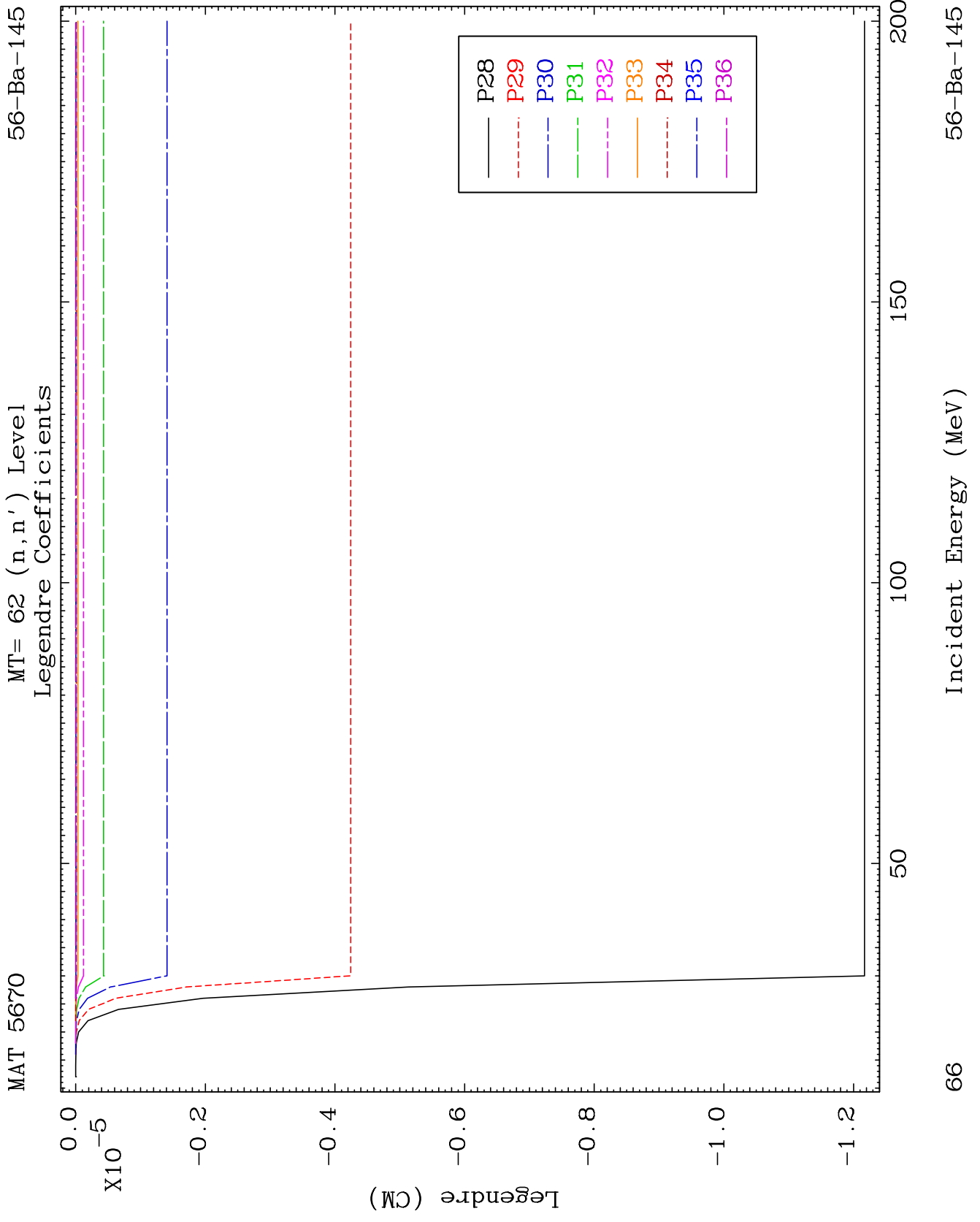
56-Ba-145



64

Incident Energy (MeV)

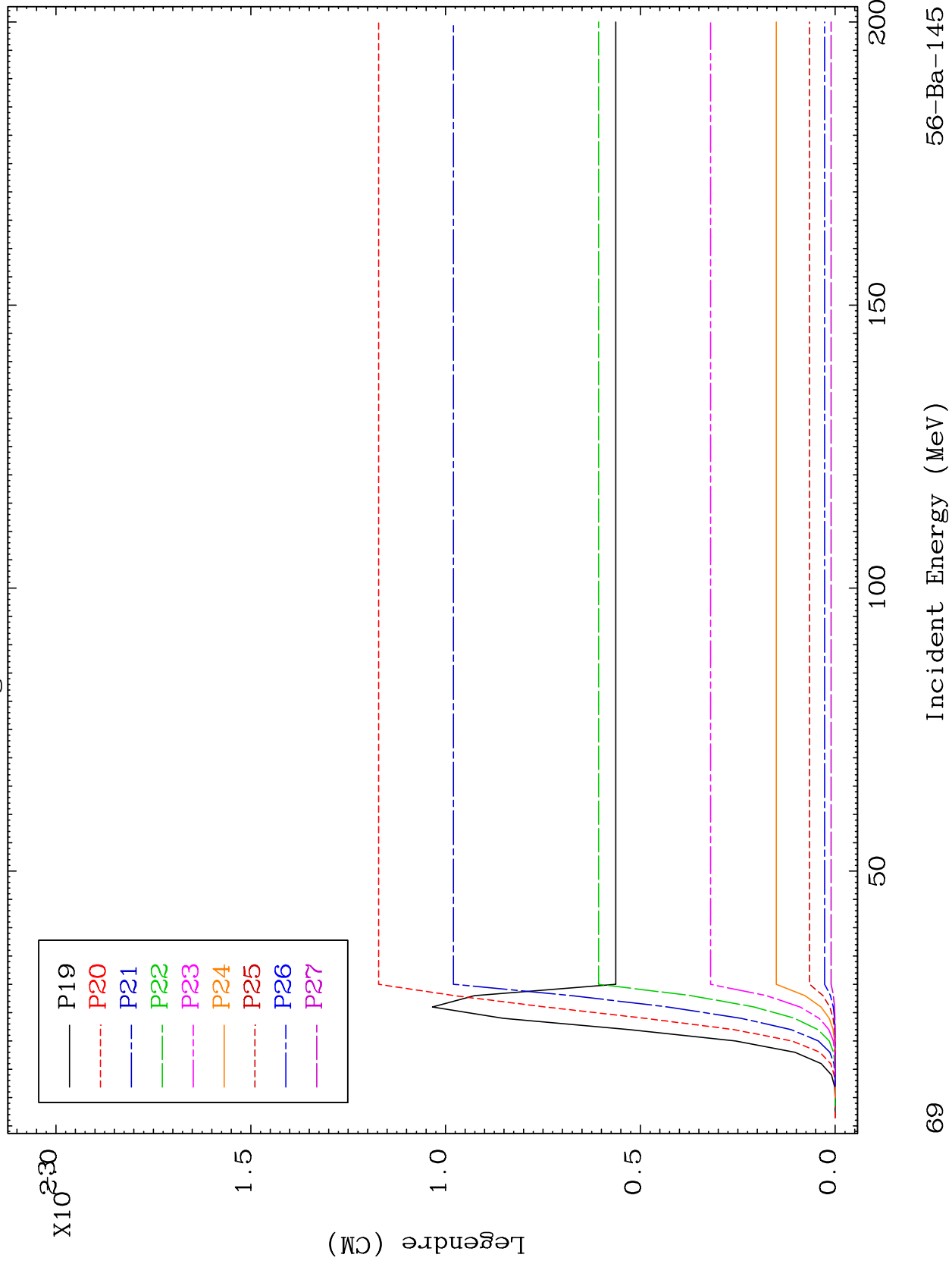
56-Ba-145



MAT 5670

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

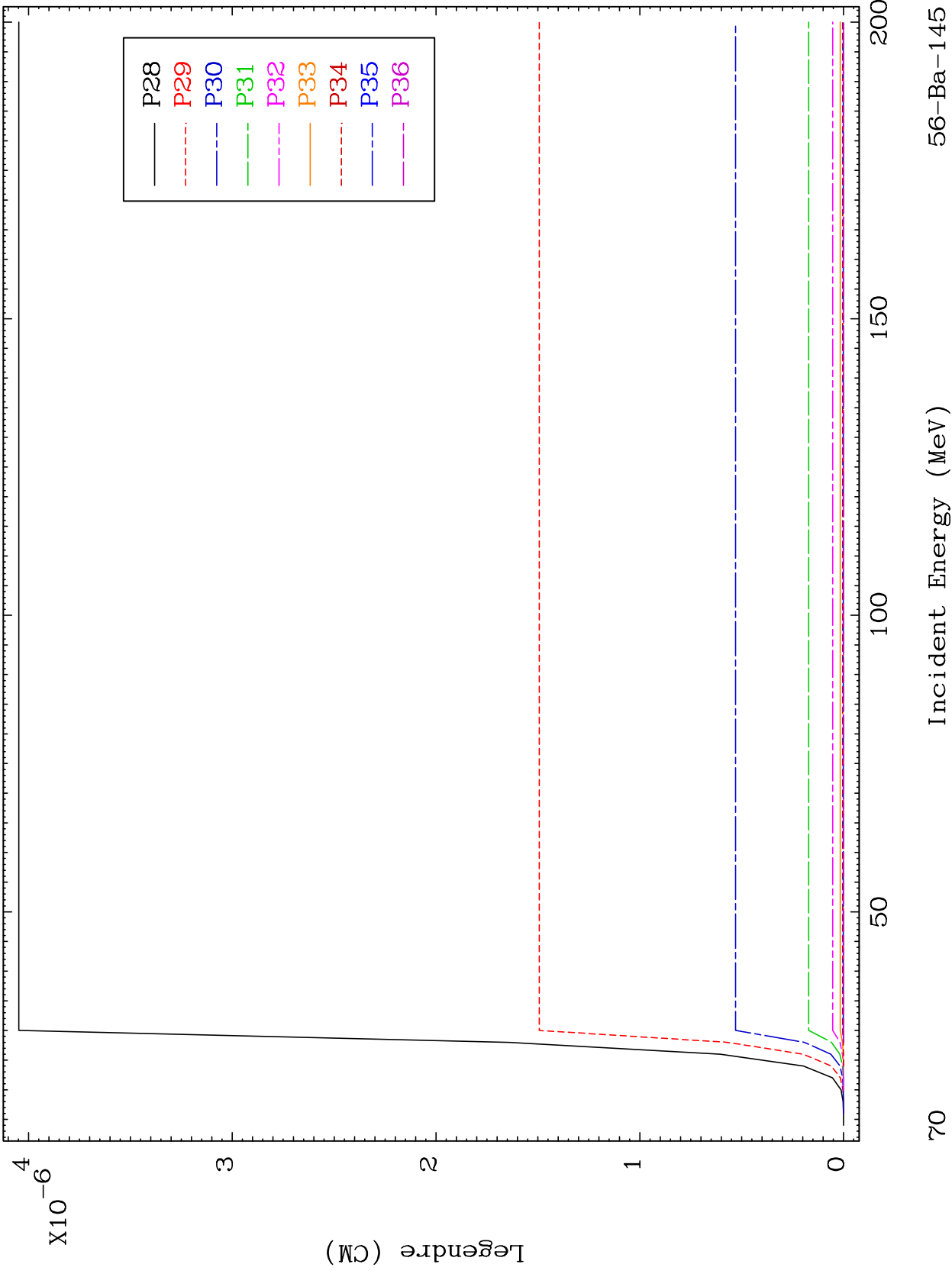
56-Ba-145



MAT 5670

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

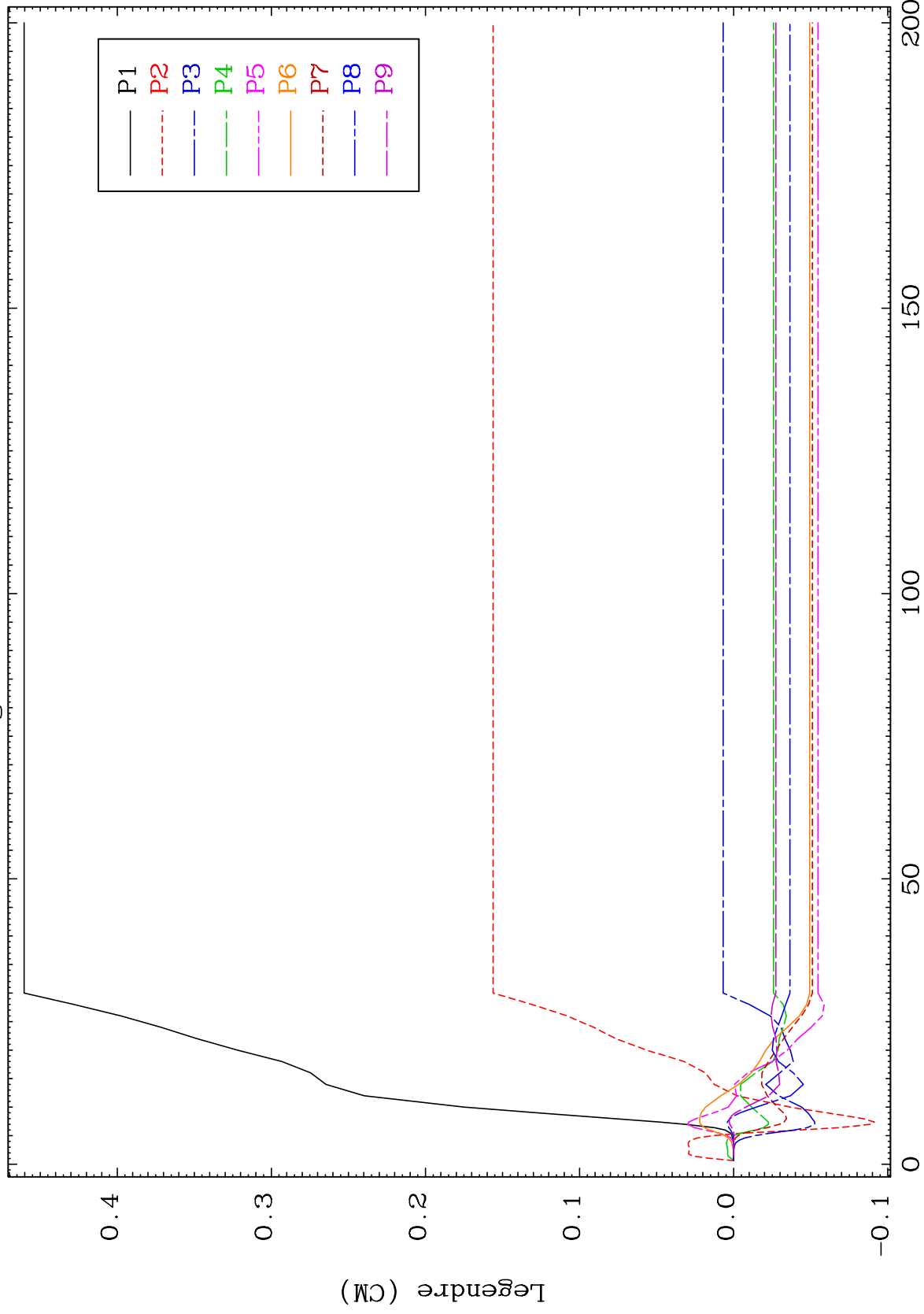
56-Ba-145



MAT 5670

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

56-Ba-145



71

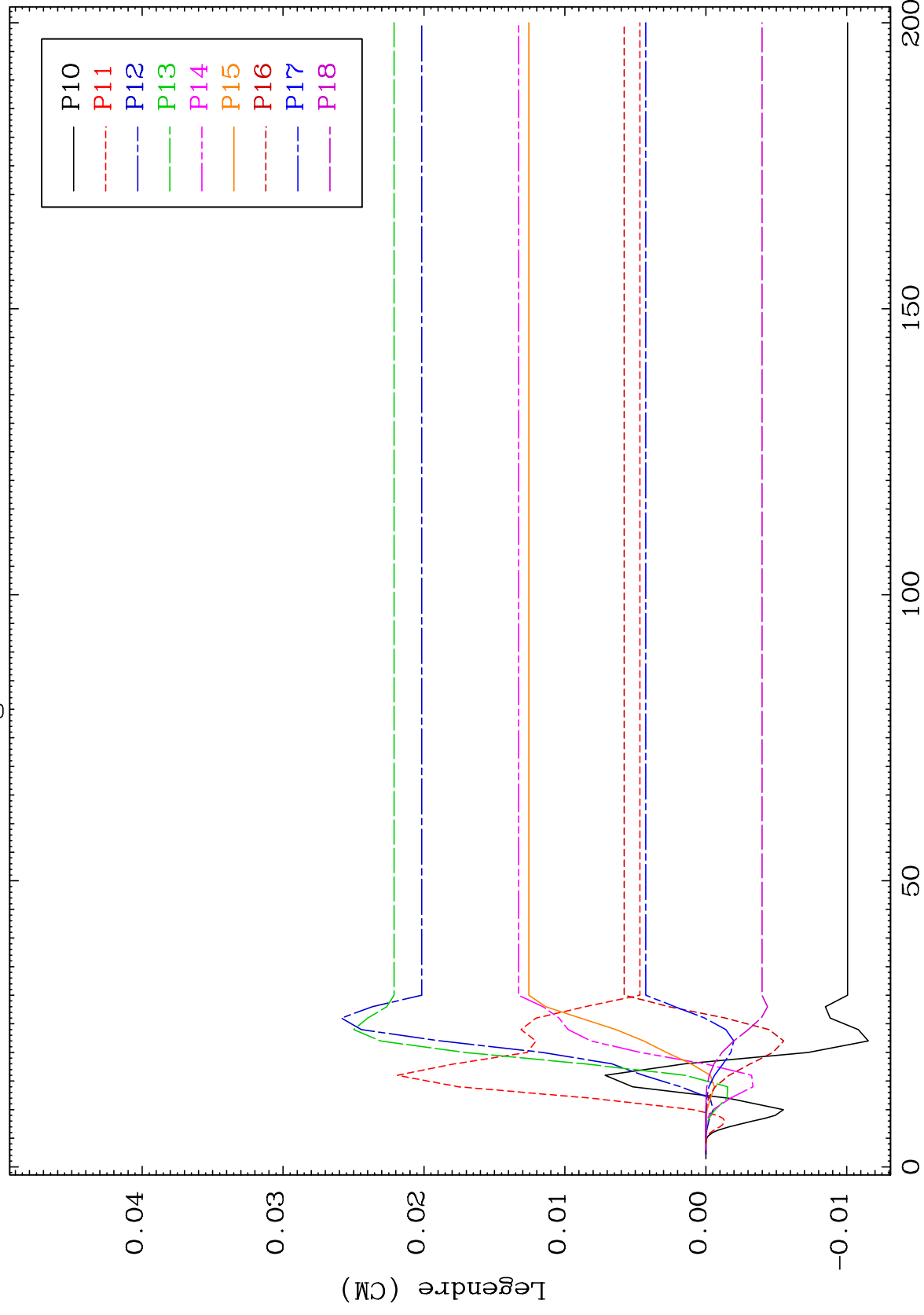
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



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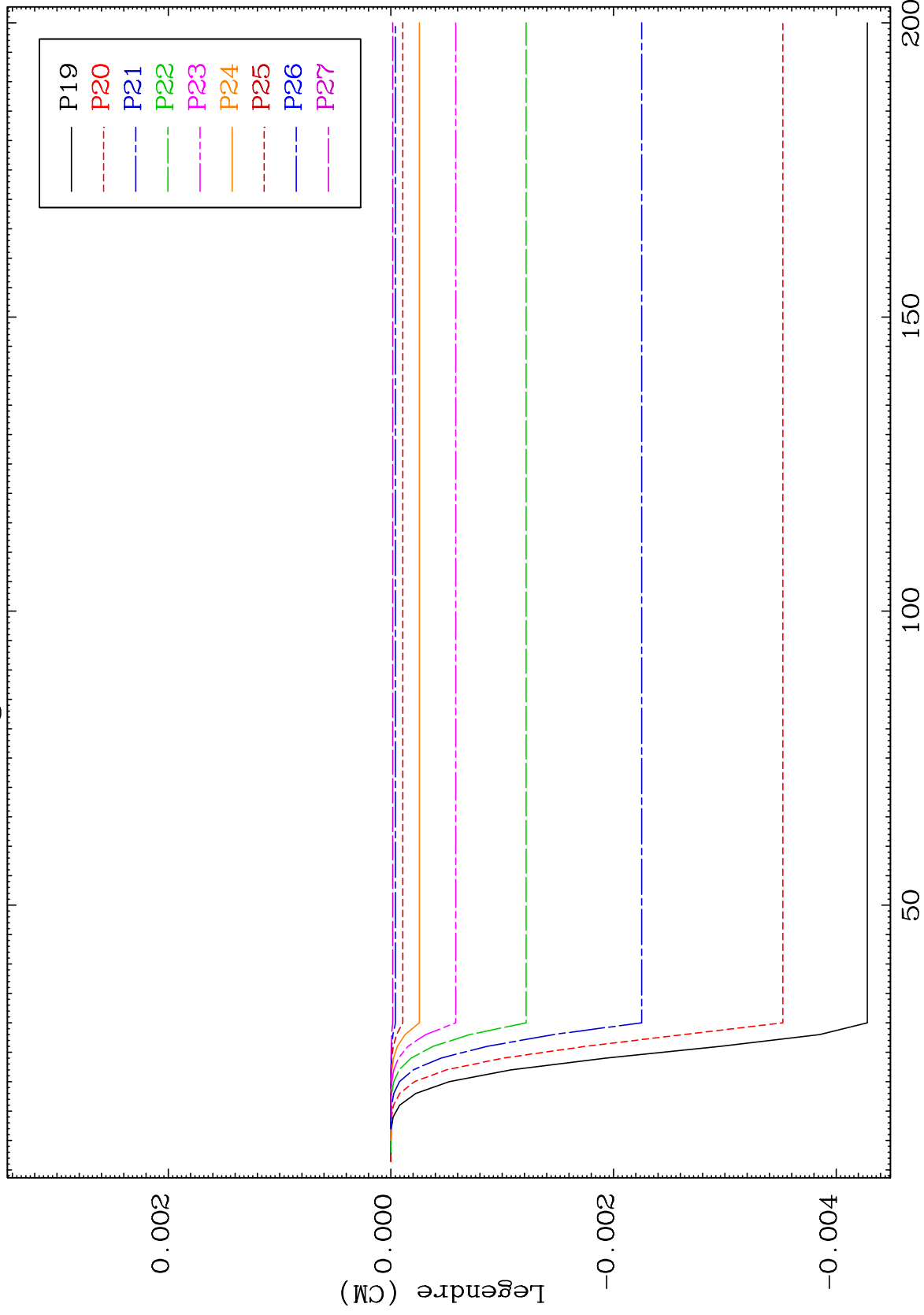
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

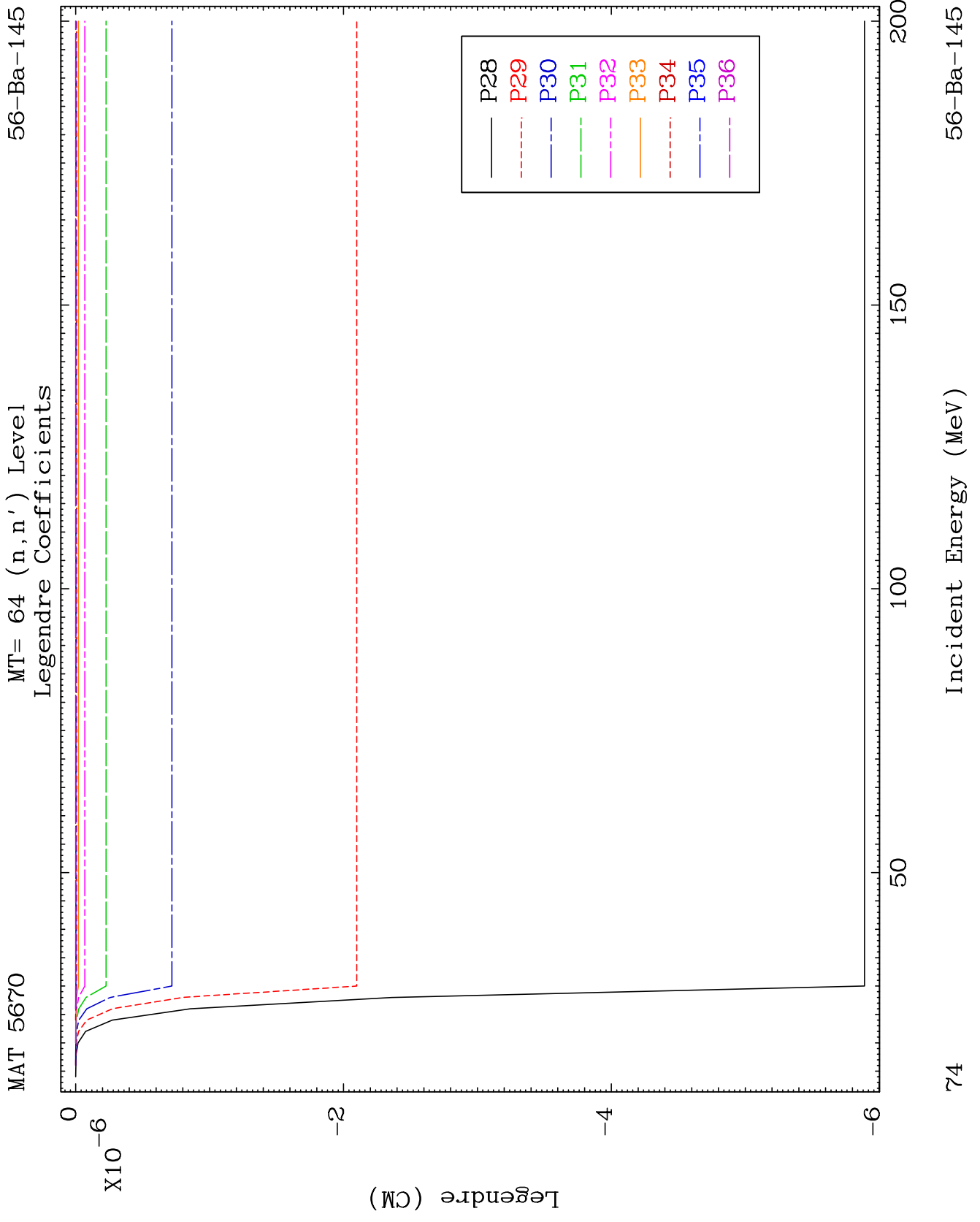
56-Ba-145

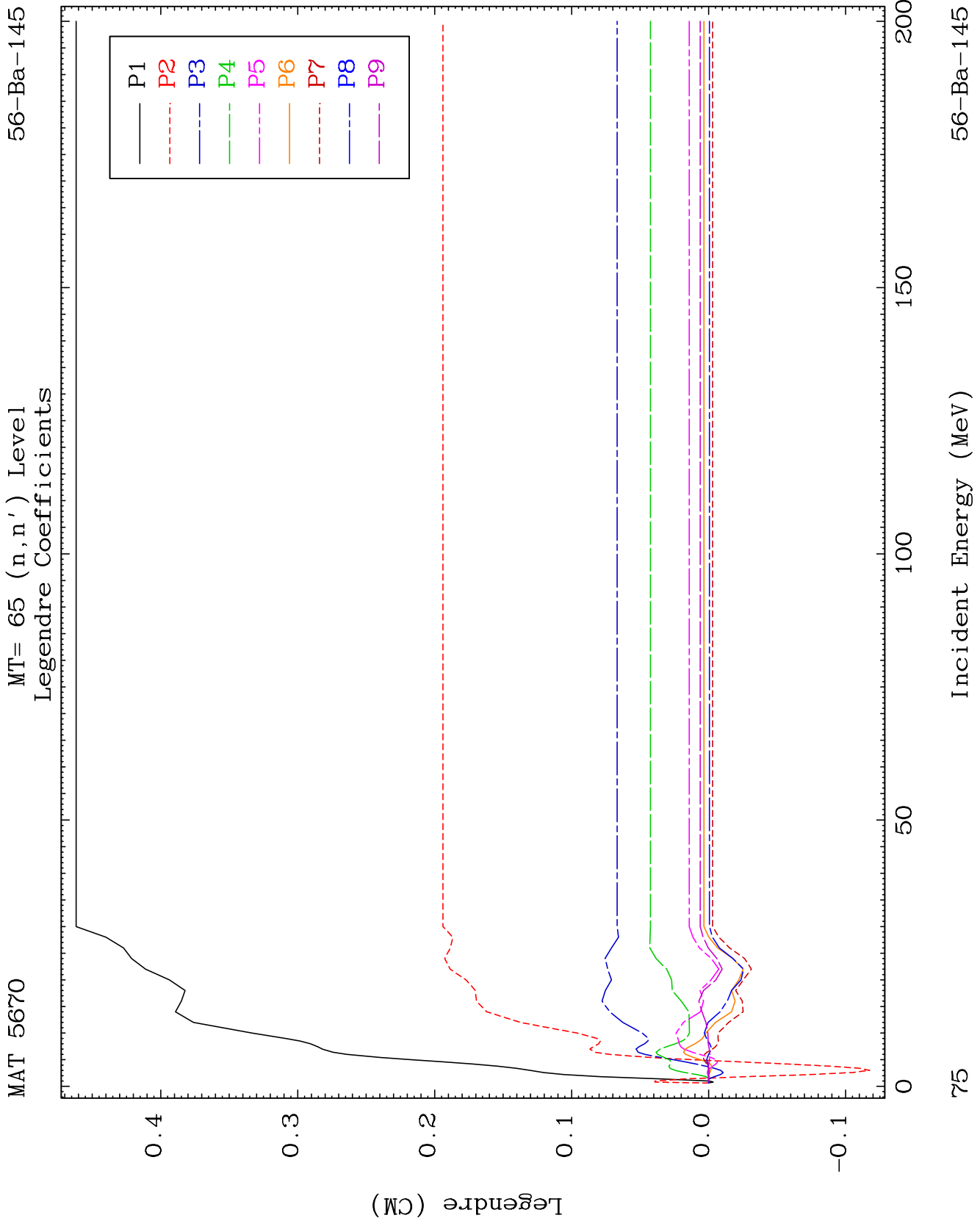


73

Incident Energy (MeV)

56-Ba-145

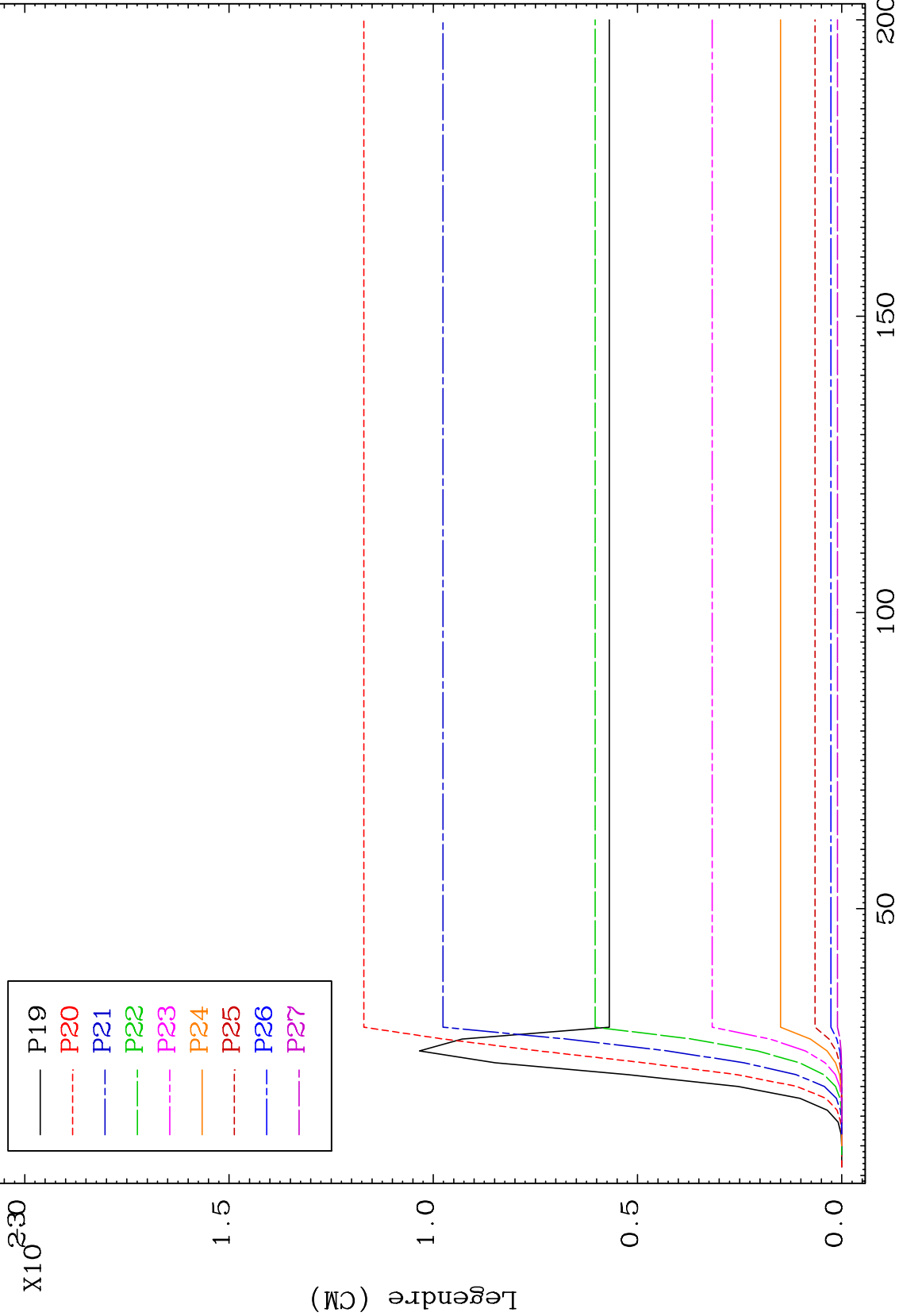
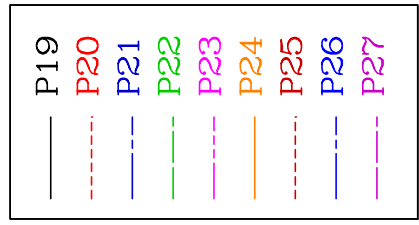




MAT 5670

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

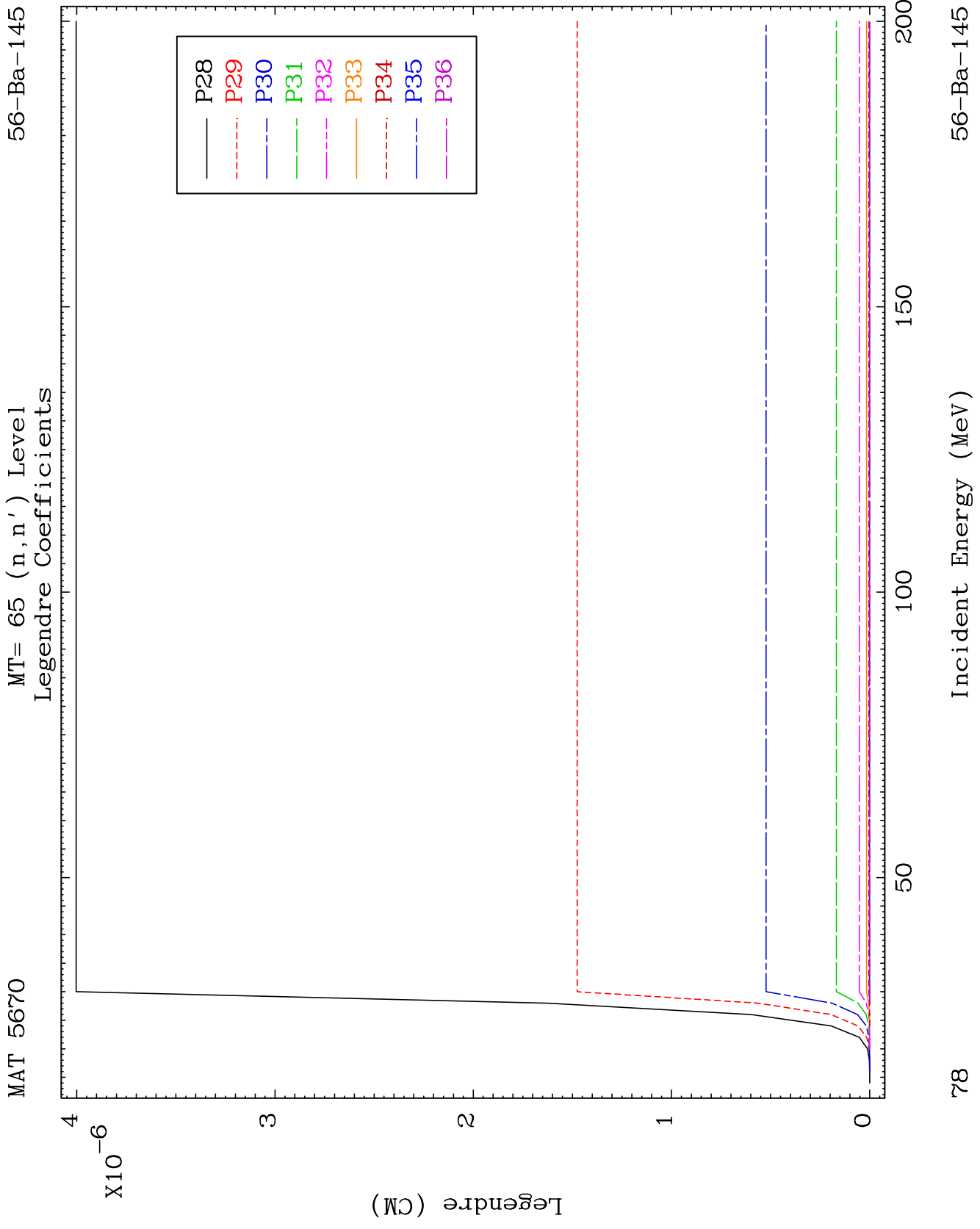
56-Ba-145

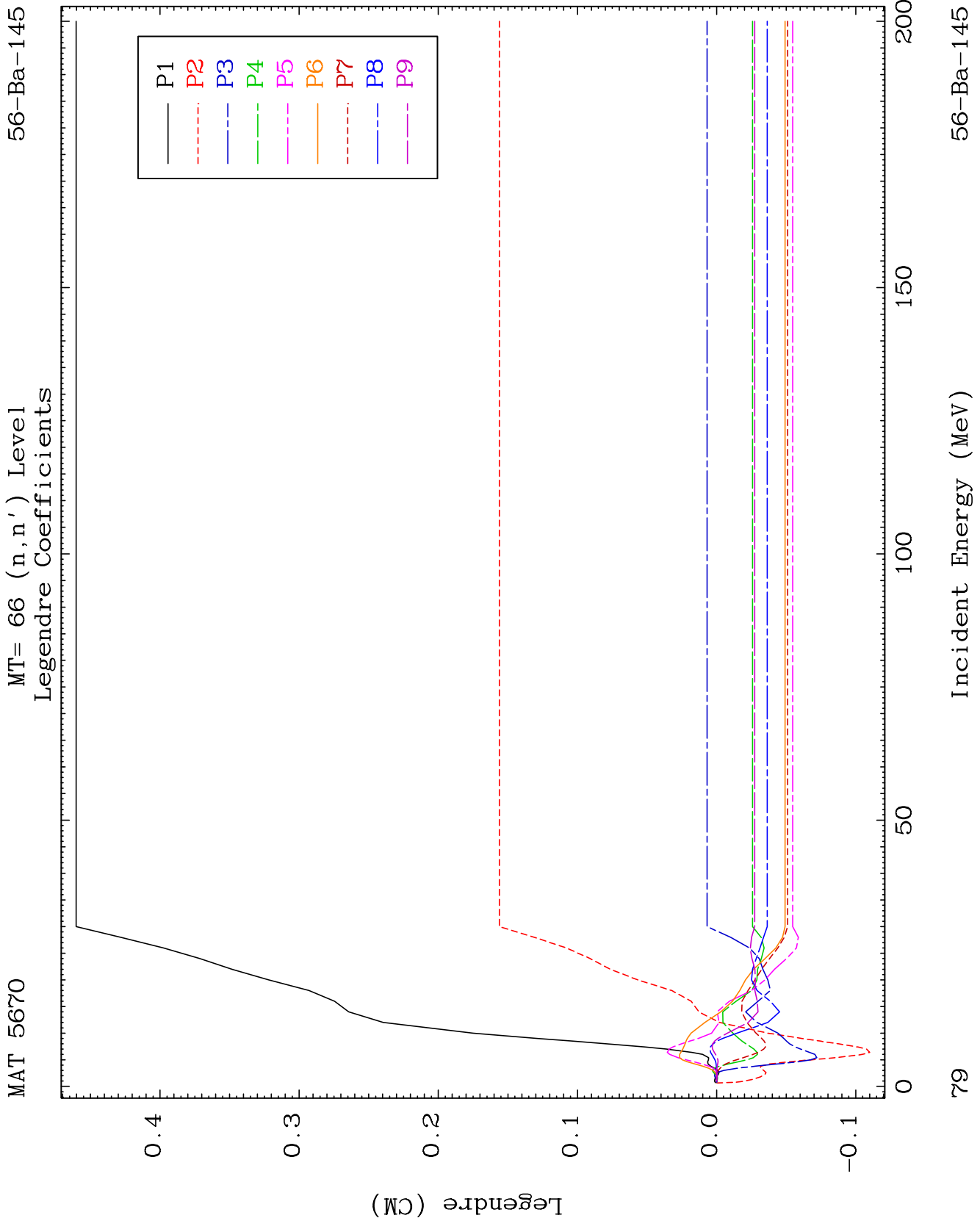


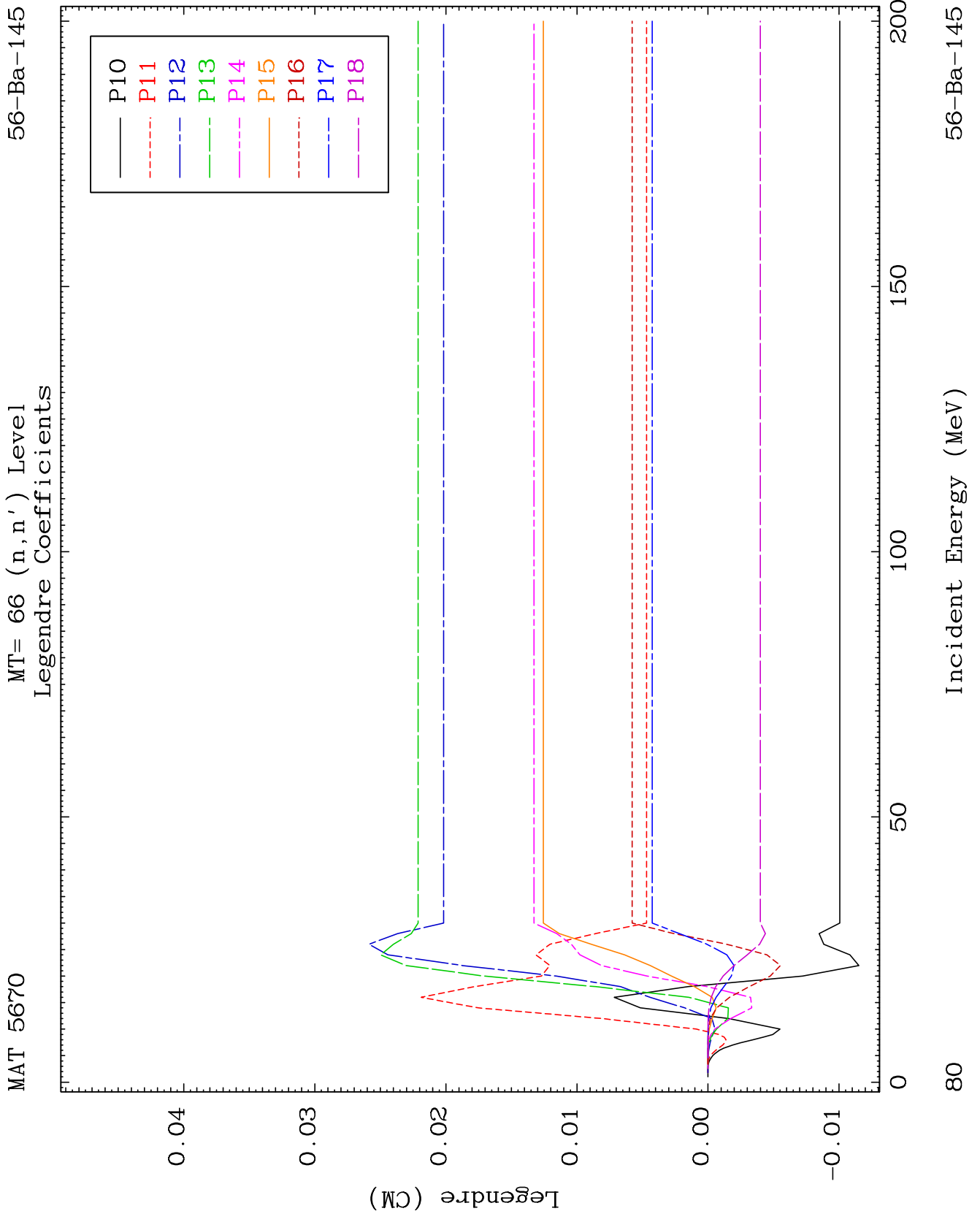
77

Incident Energy (MeV)

56-Ba-145



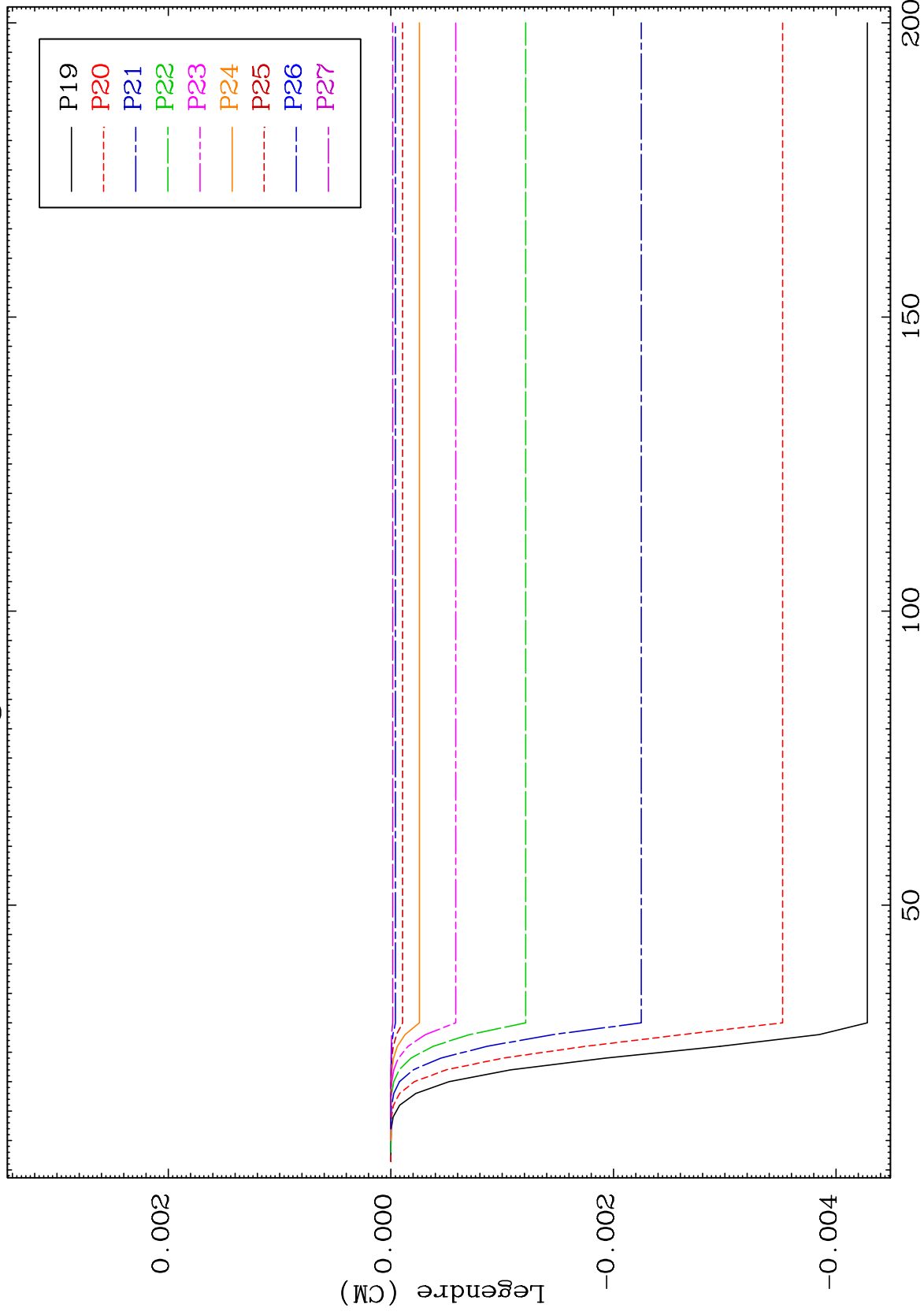




MAT 5670

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

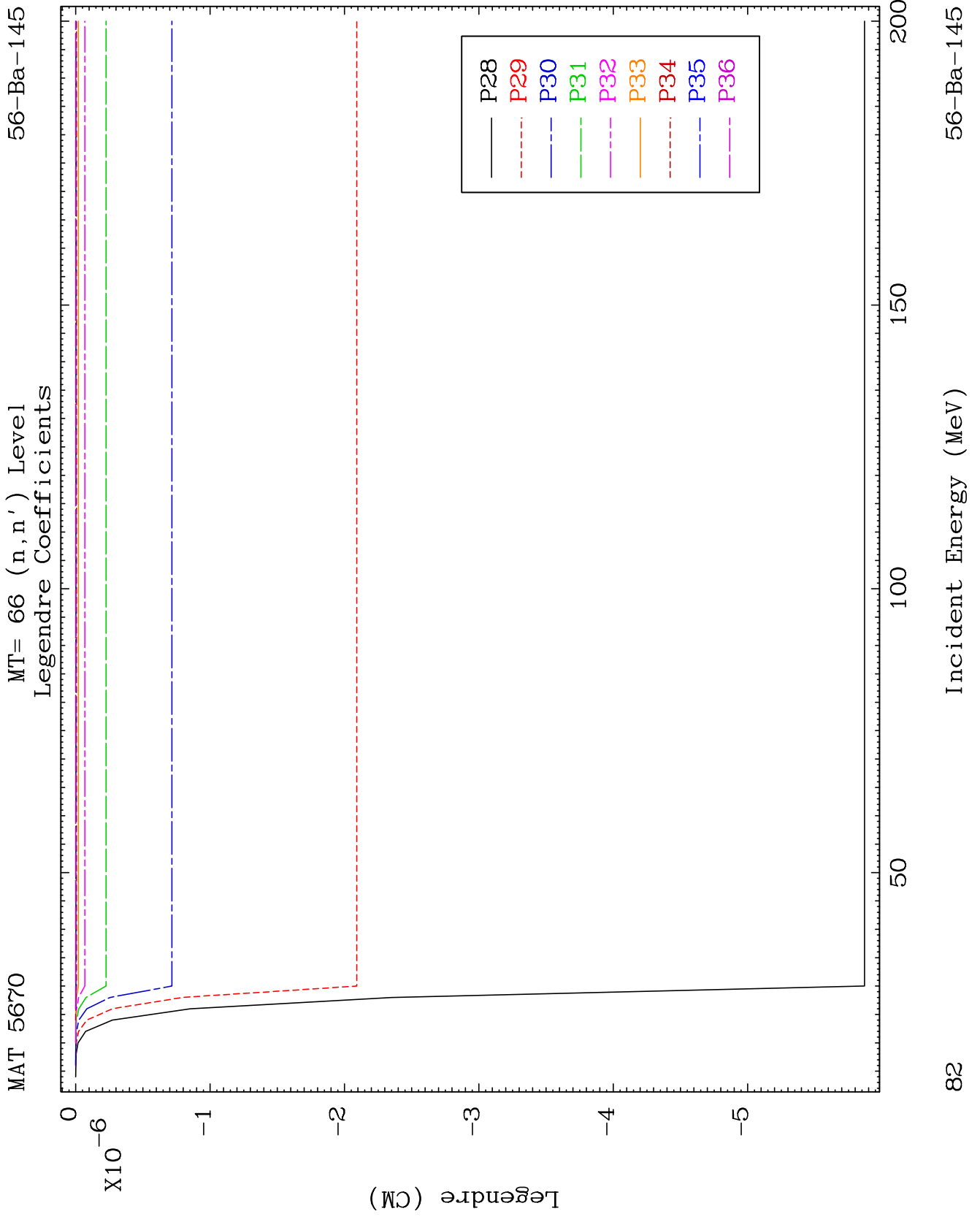
56-Ba-145

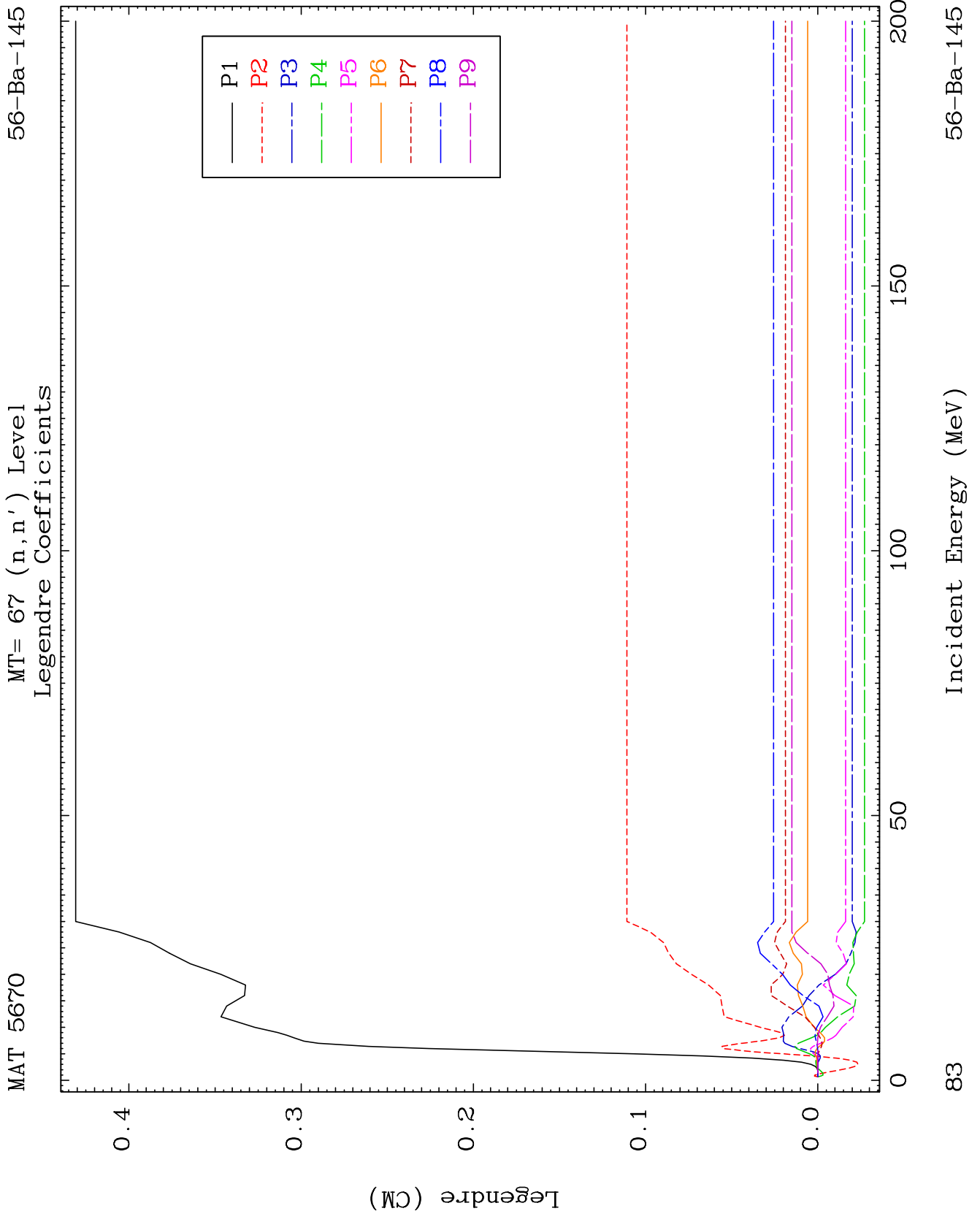


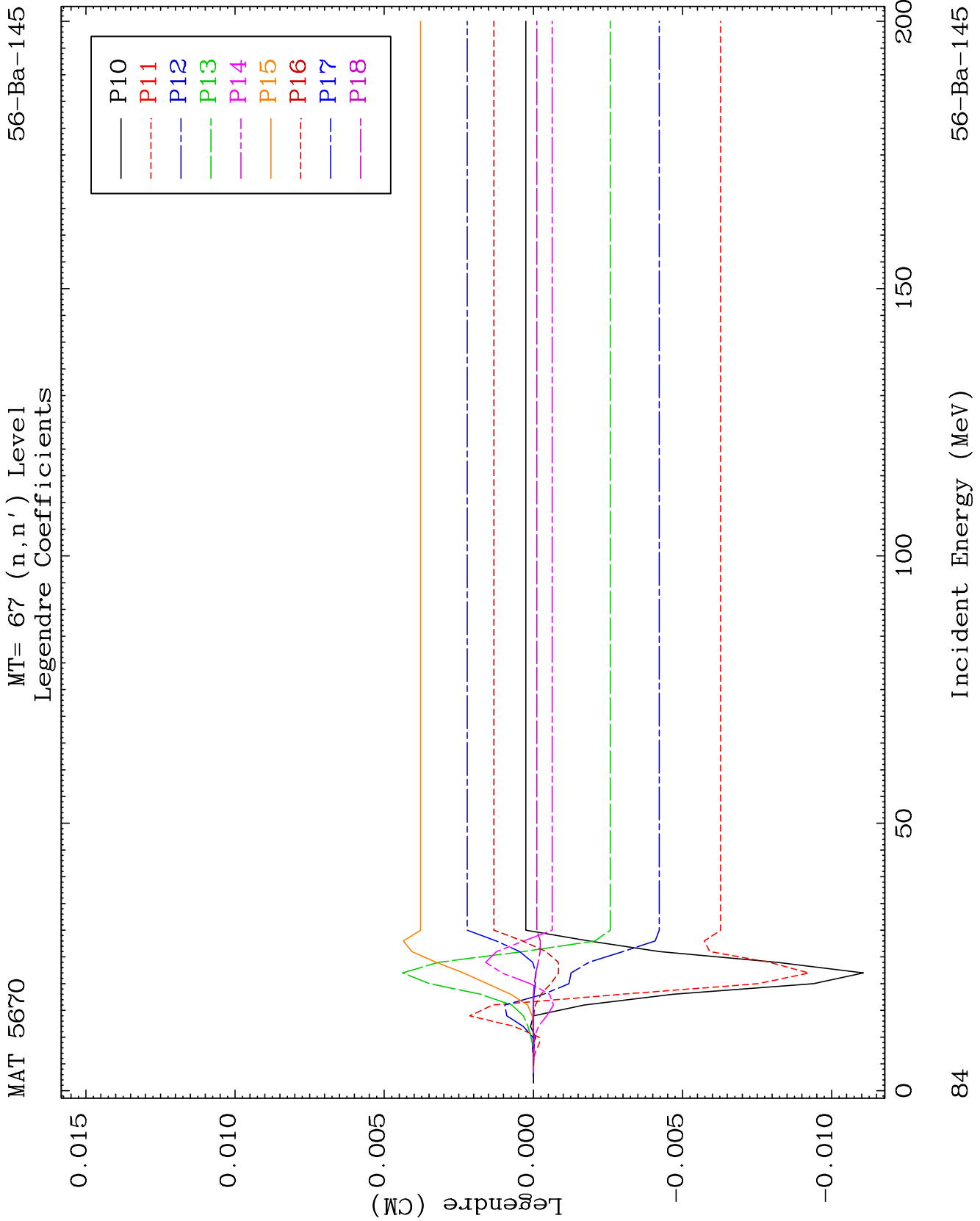
81

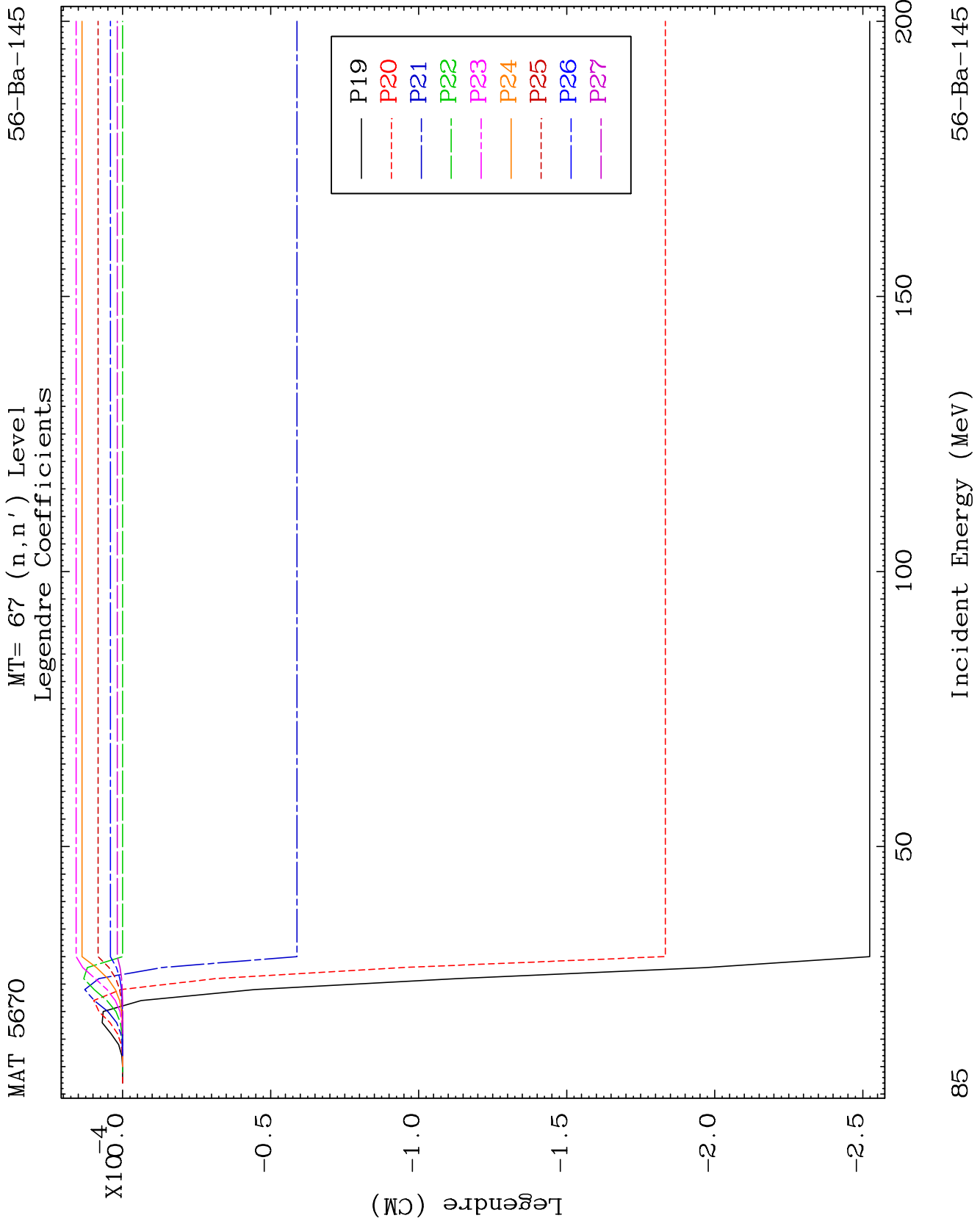
Incident Energy (MeV)

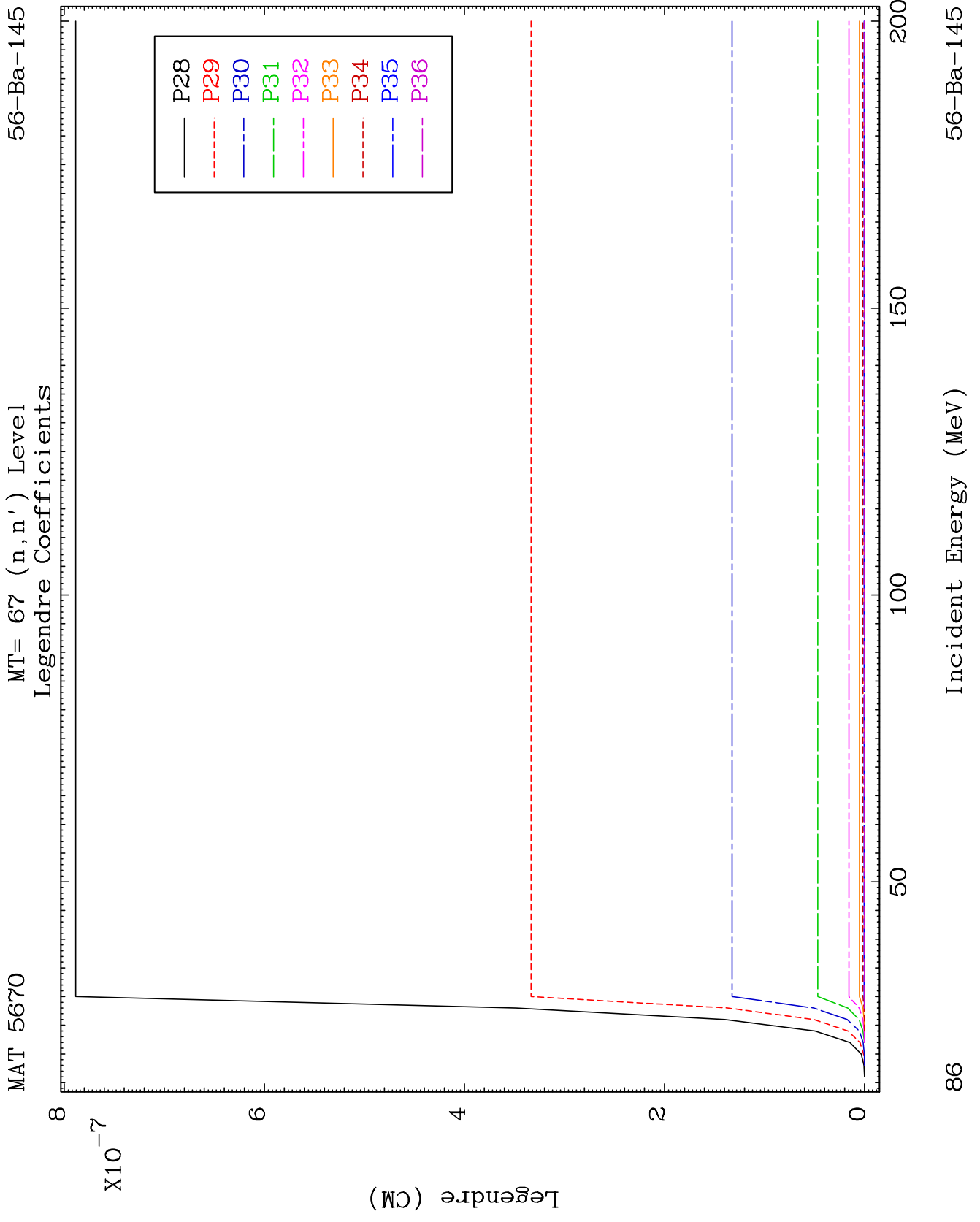
56-Ba-145

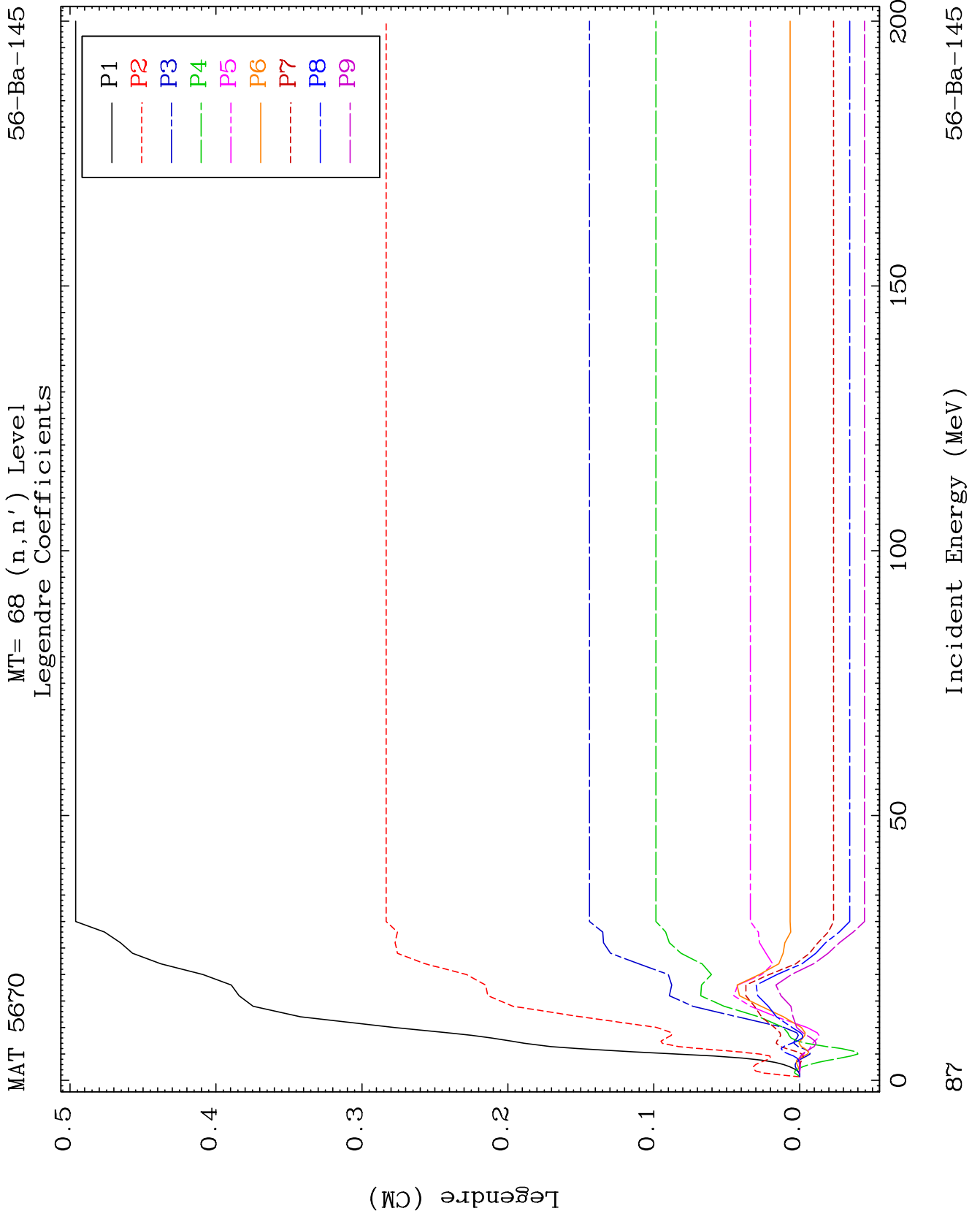


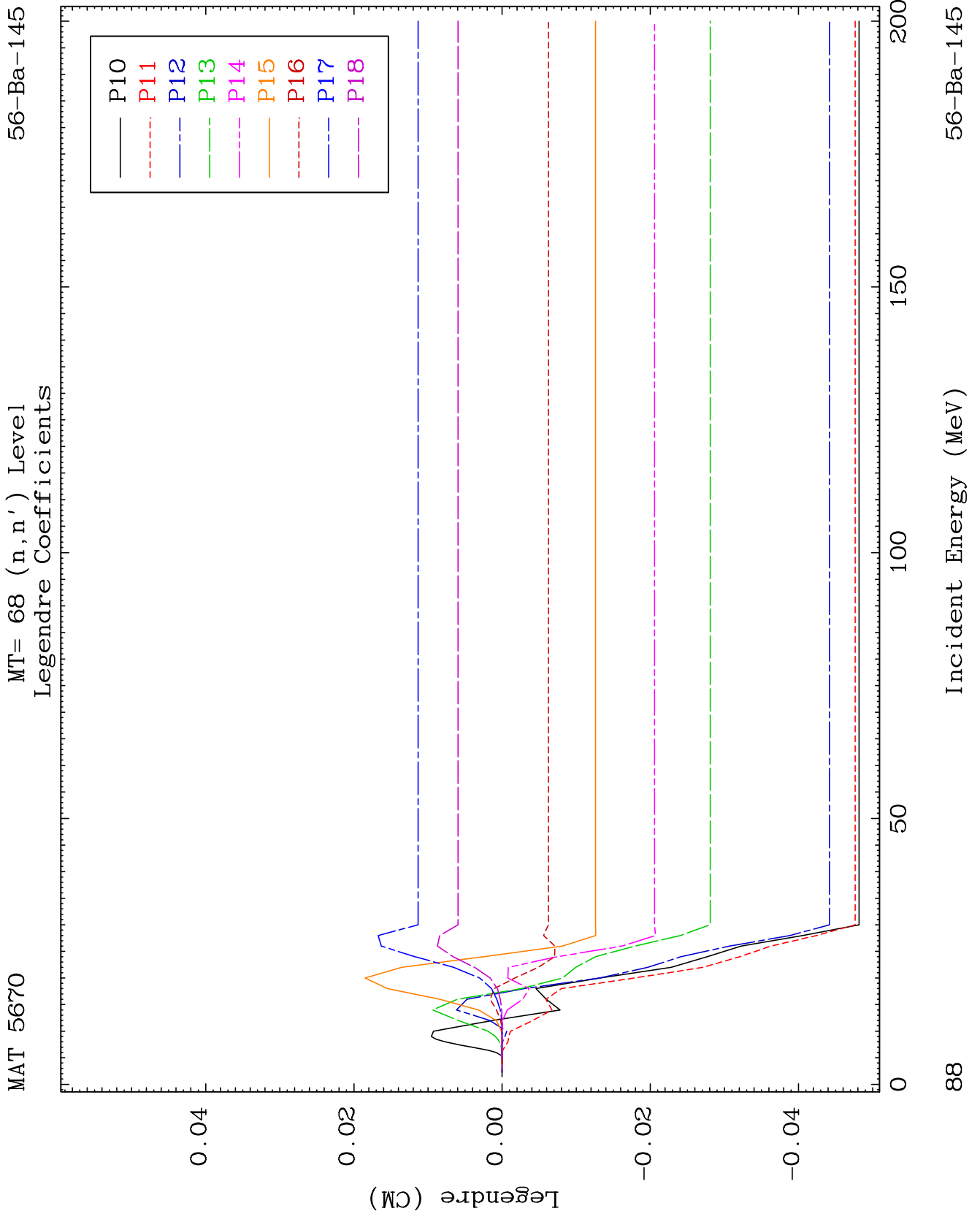








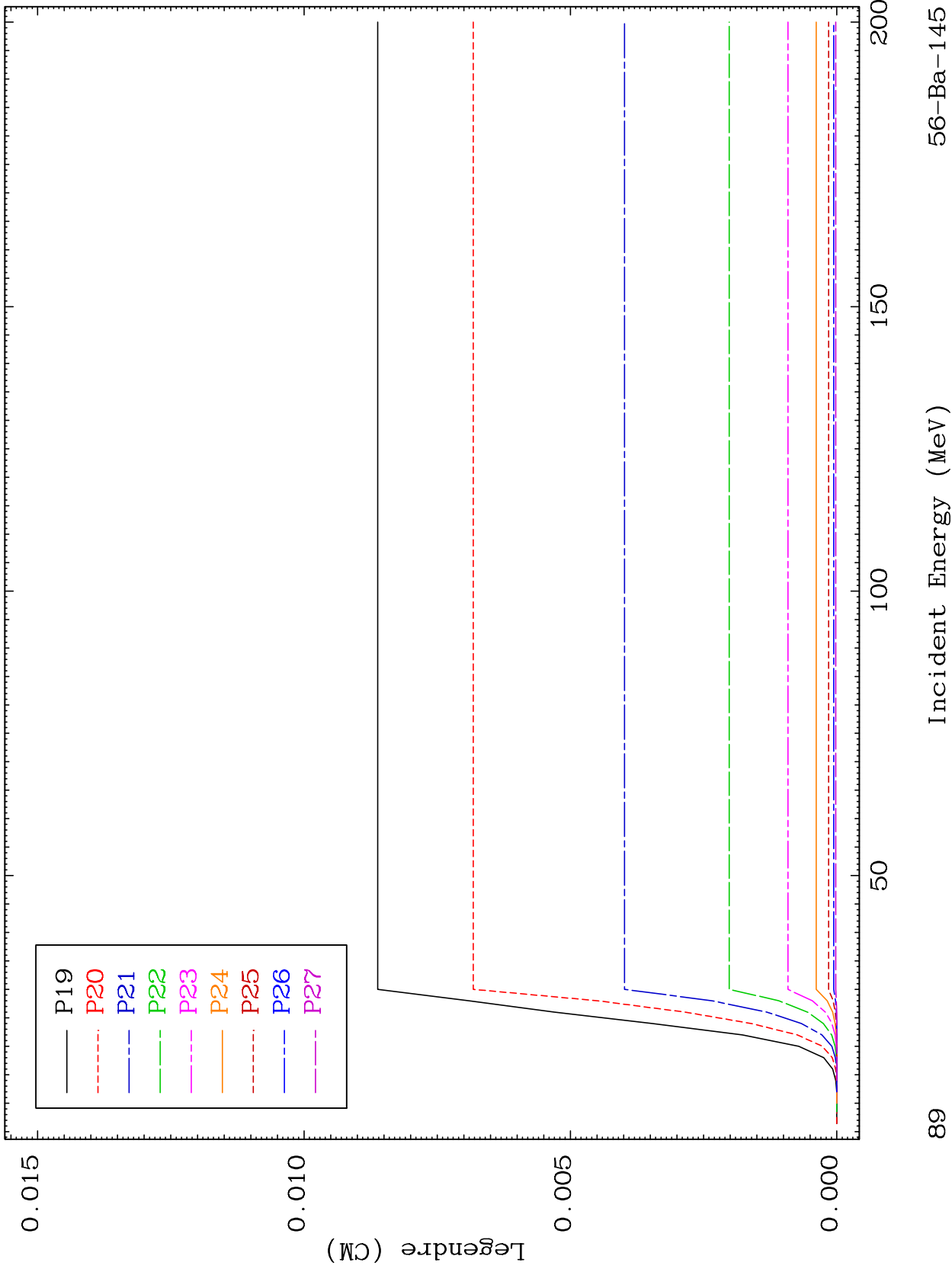




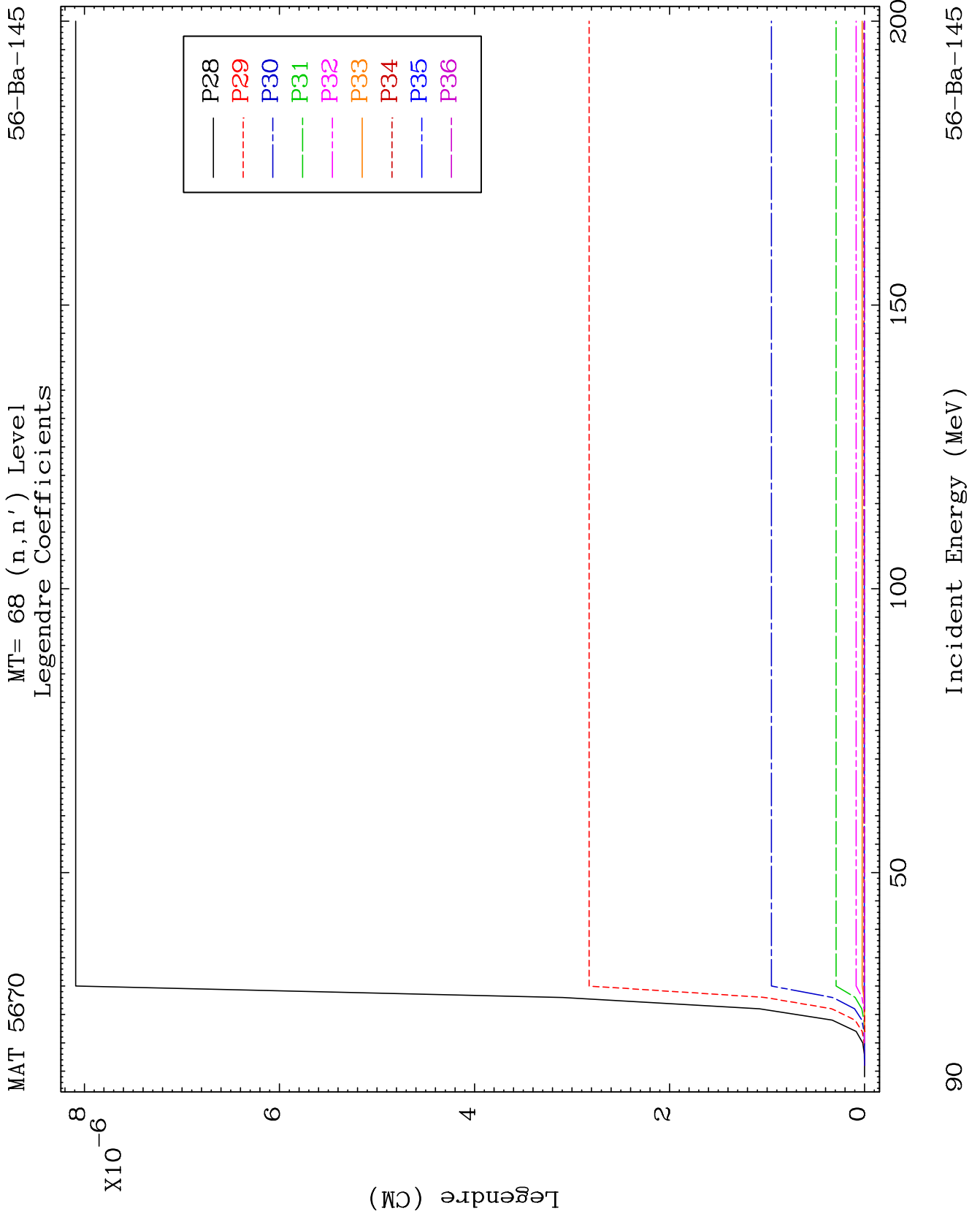
MAT 5670

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

56-Ba-145



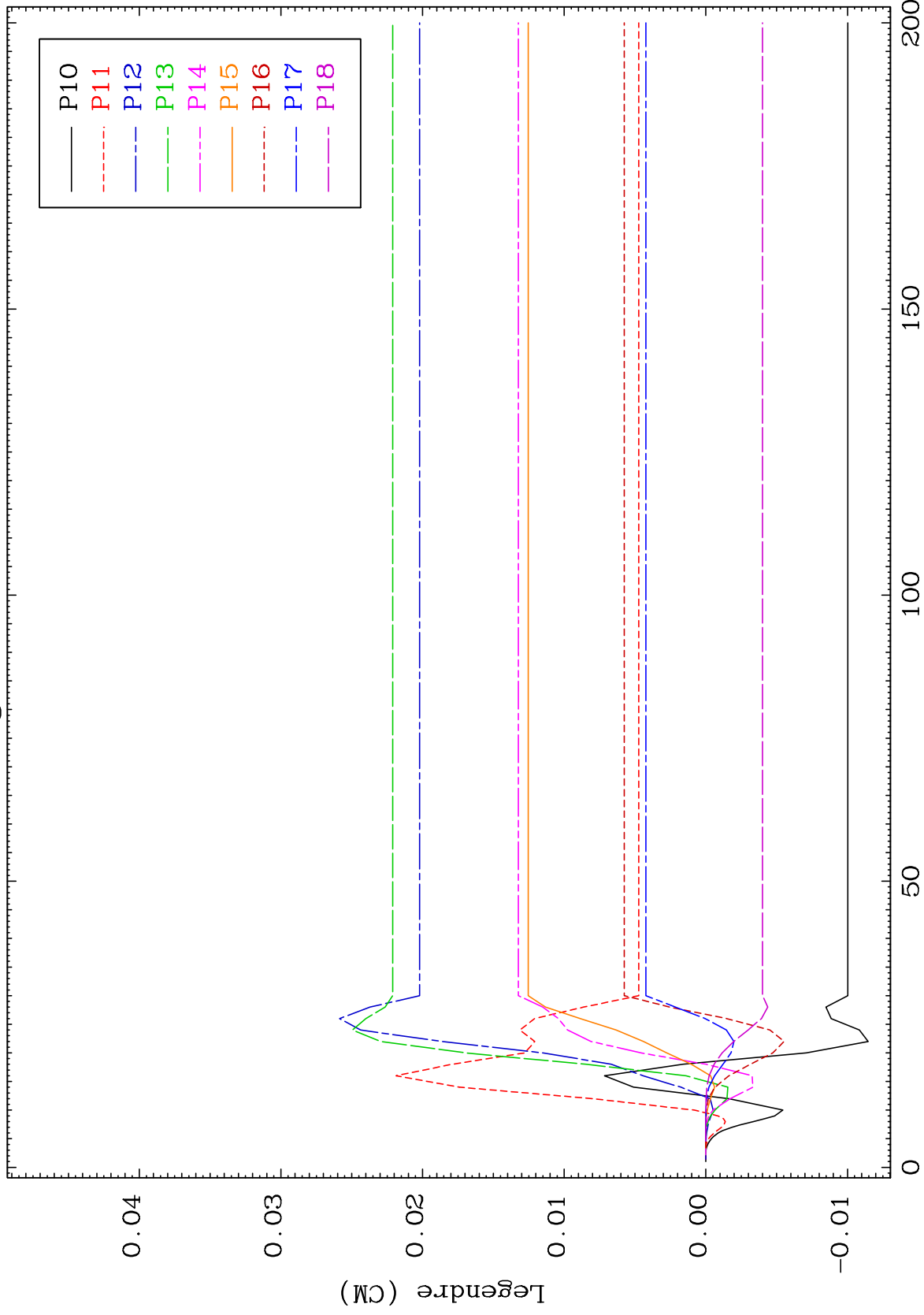
89



MAT 5670

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

56-Ba-145



92

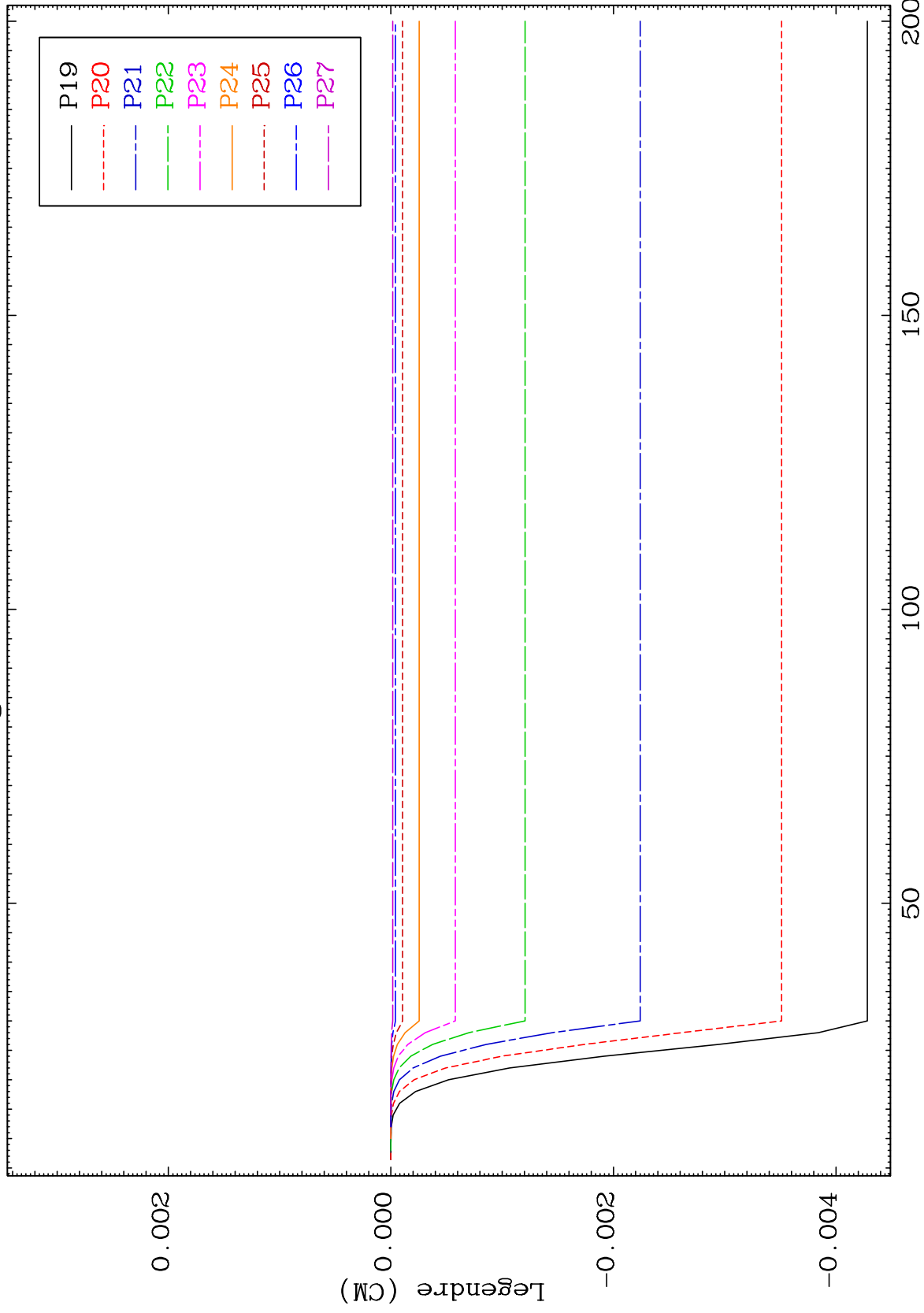
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

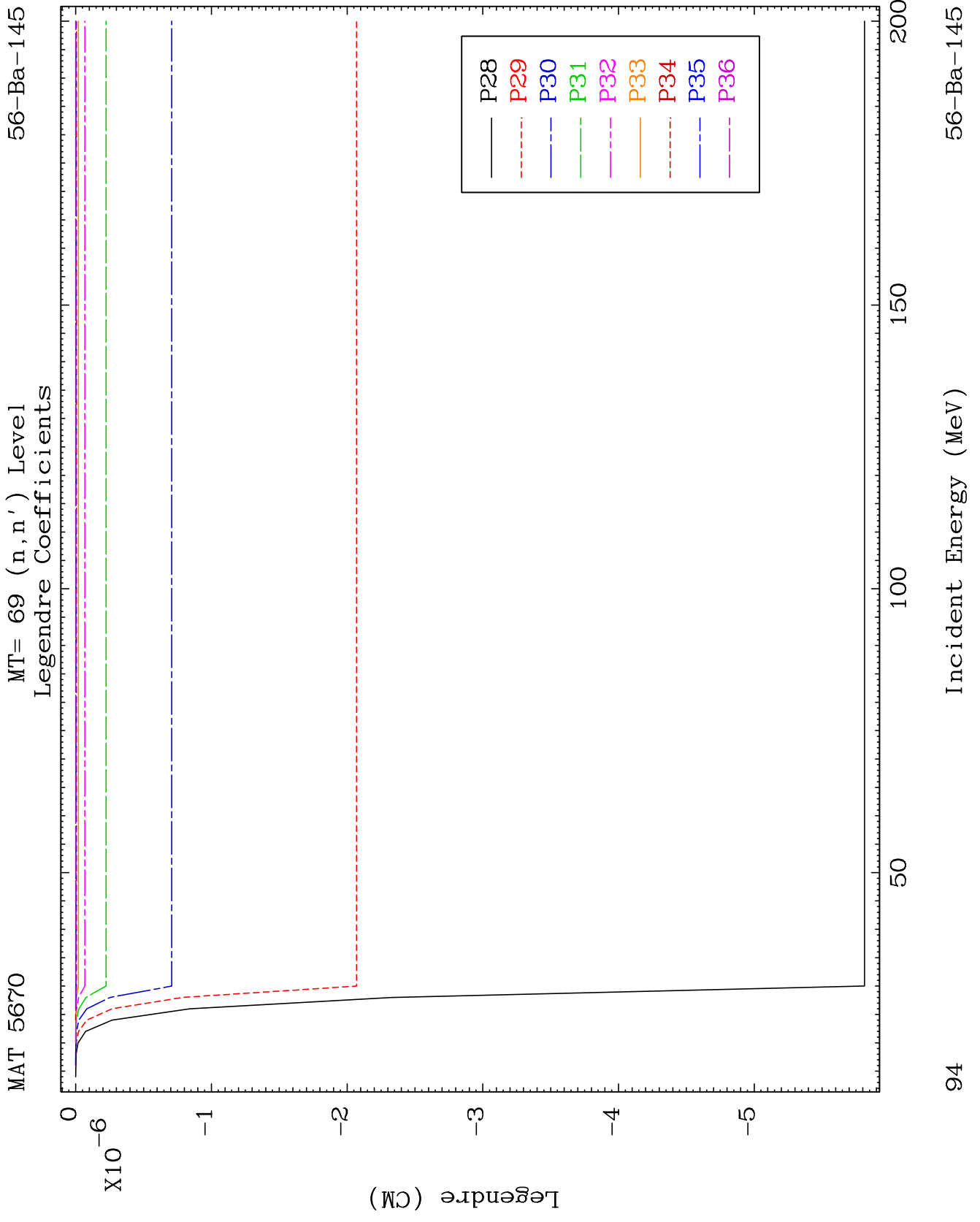
56-Ba-145

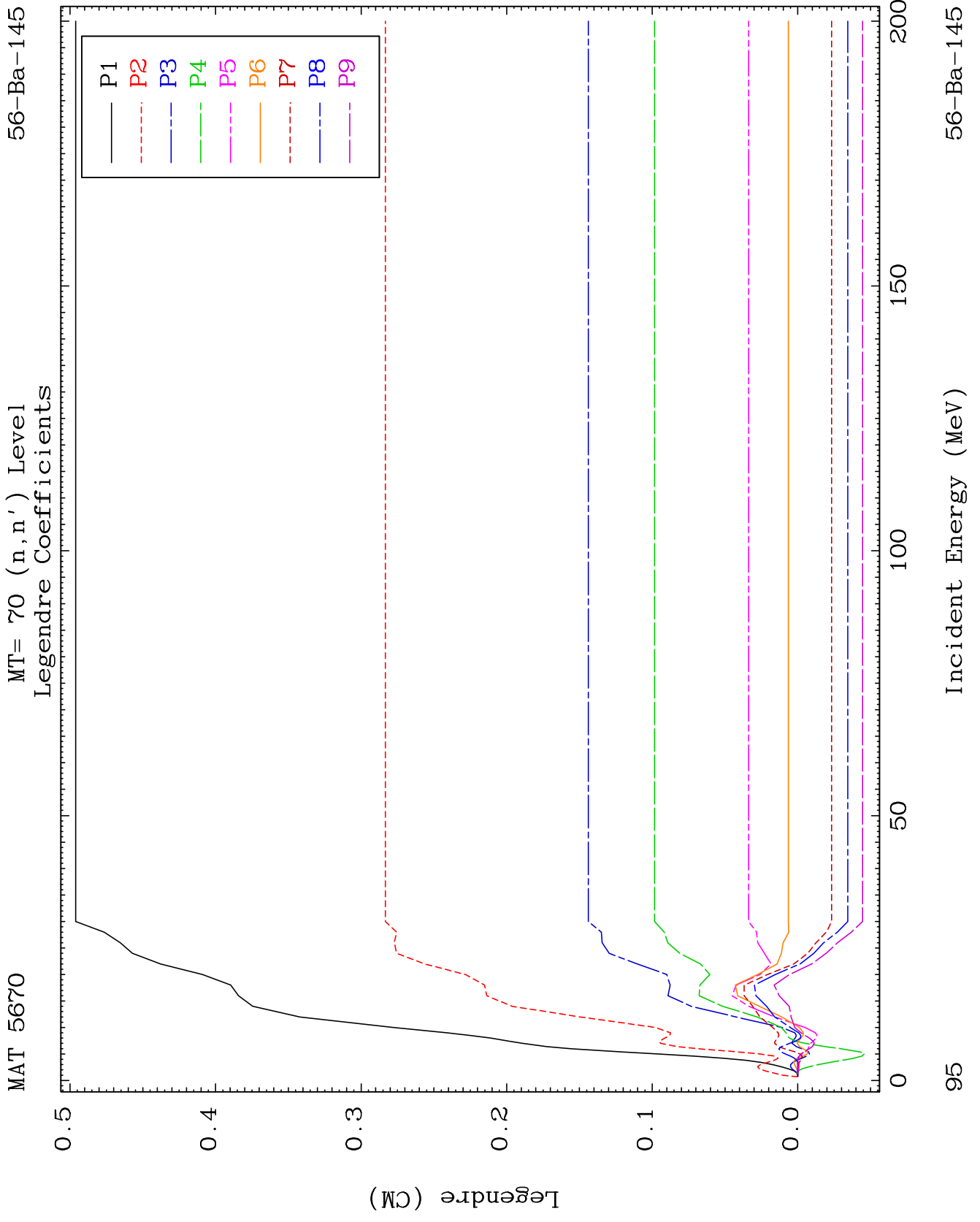


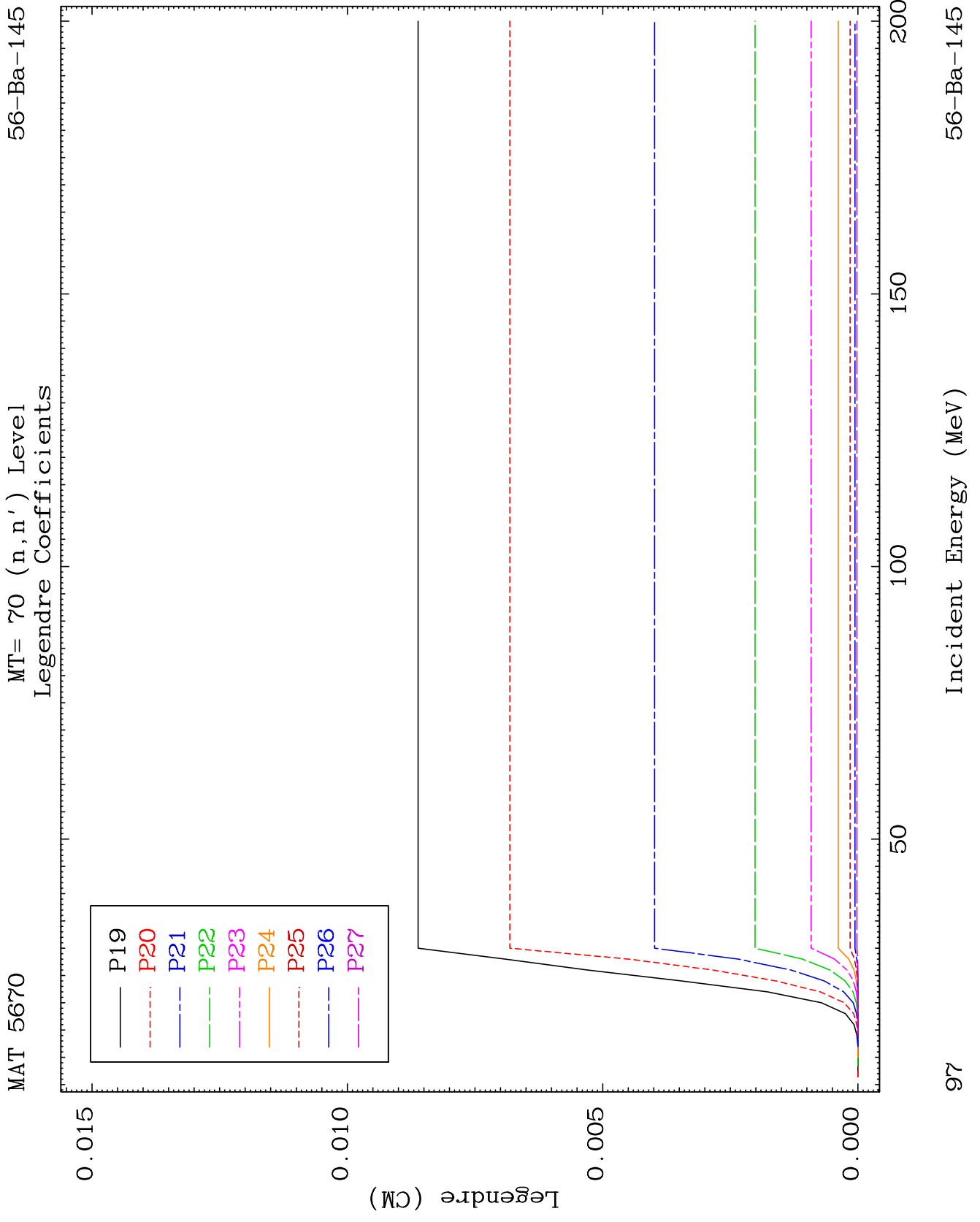
93

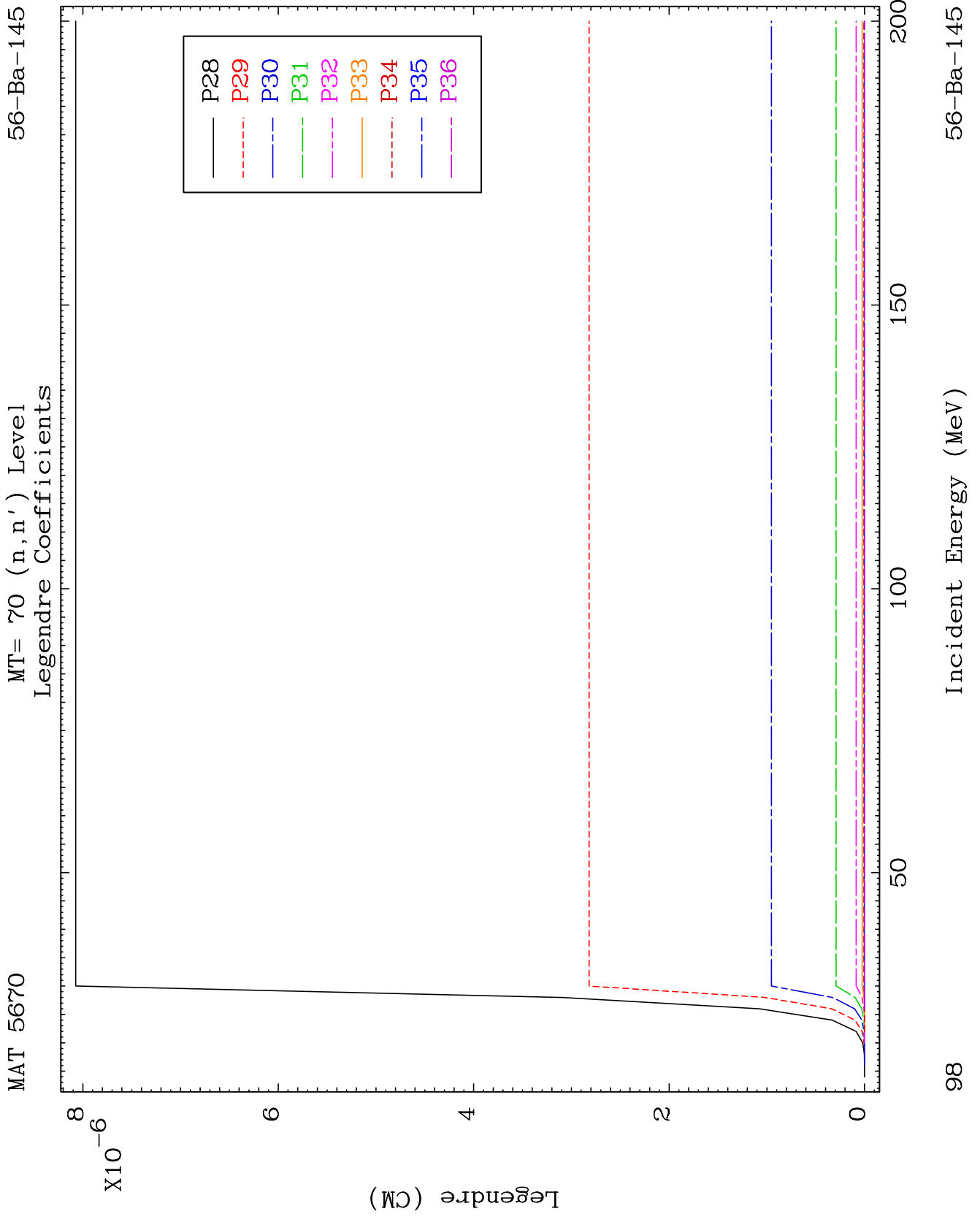
Incident Energy (MeV)

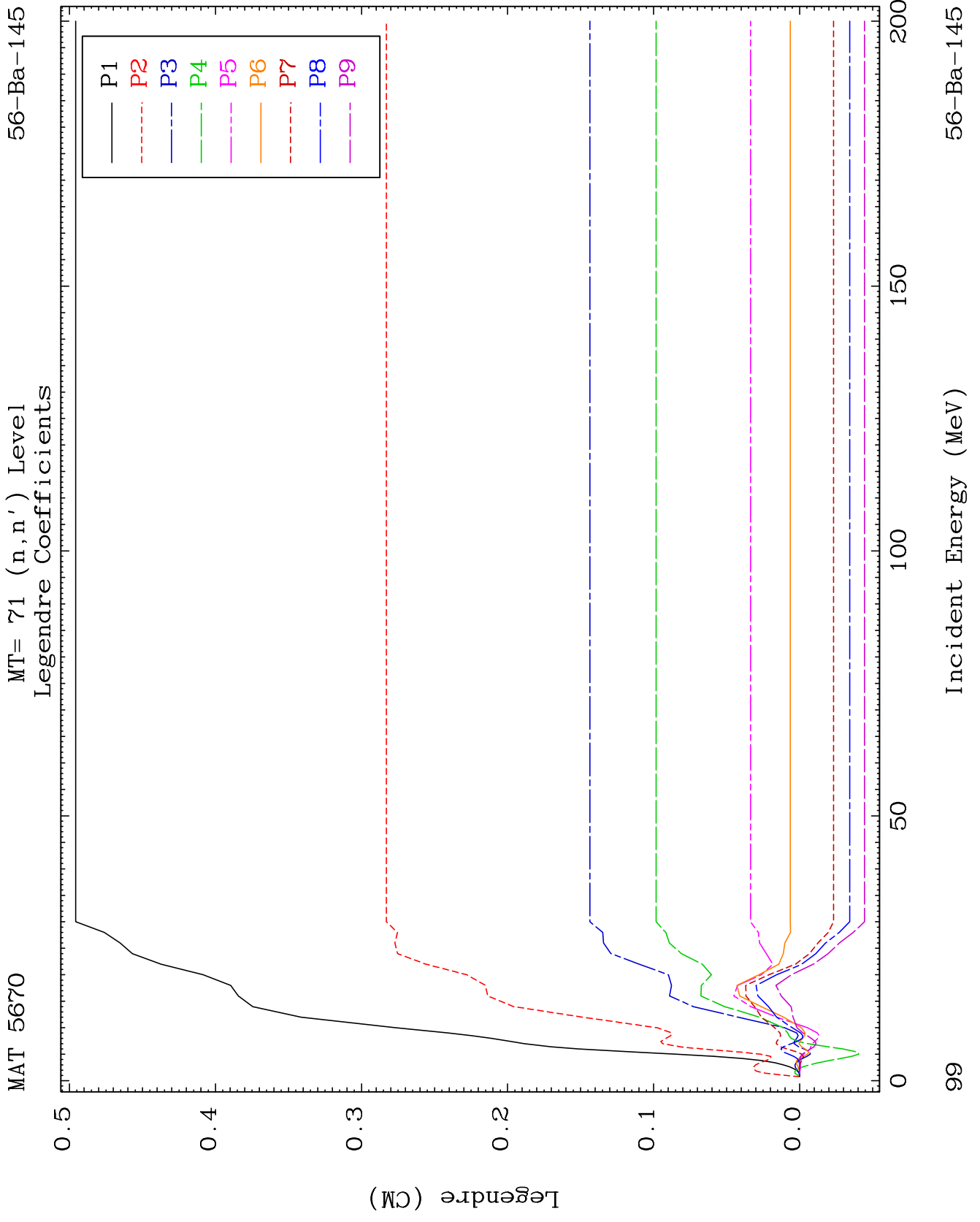
56-Ba-145

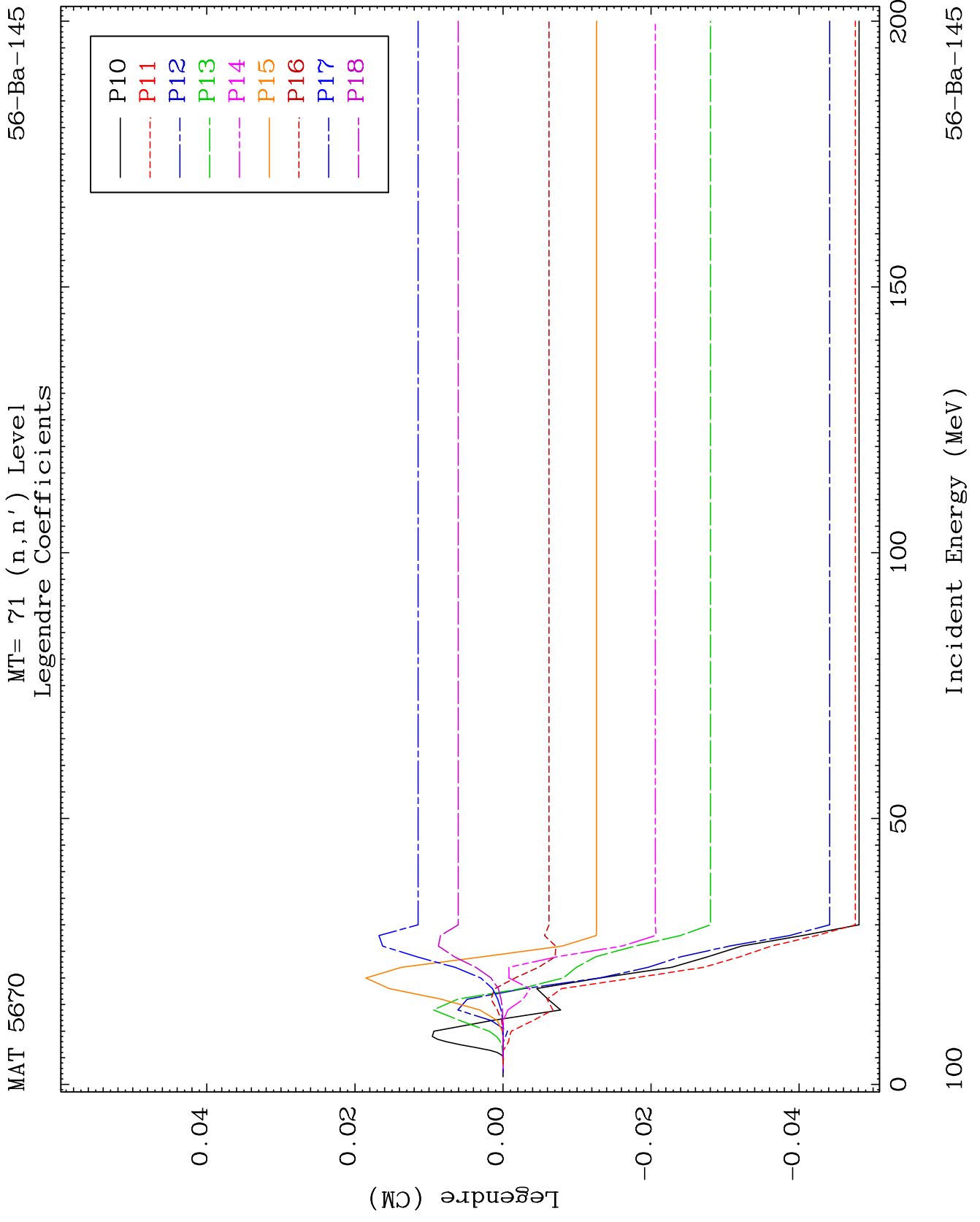








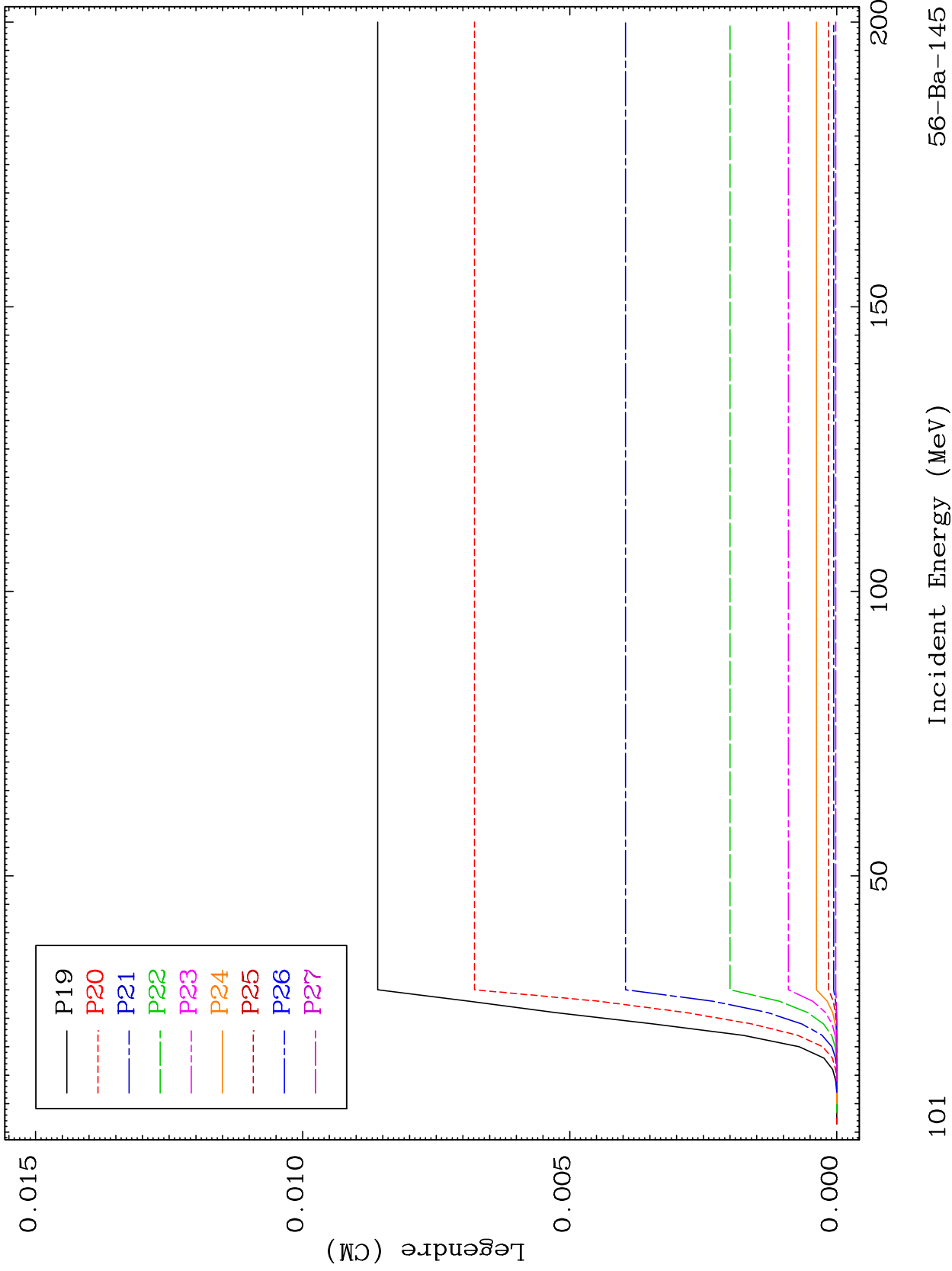




MAT 5670

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

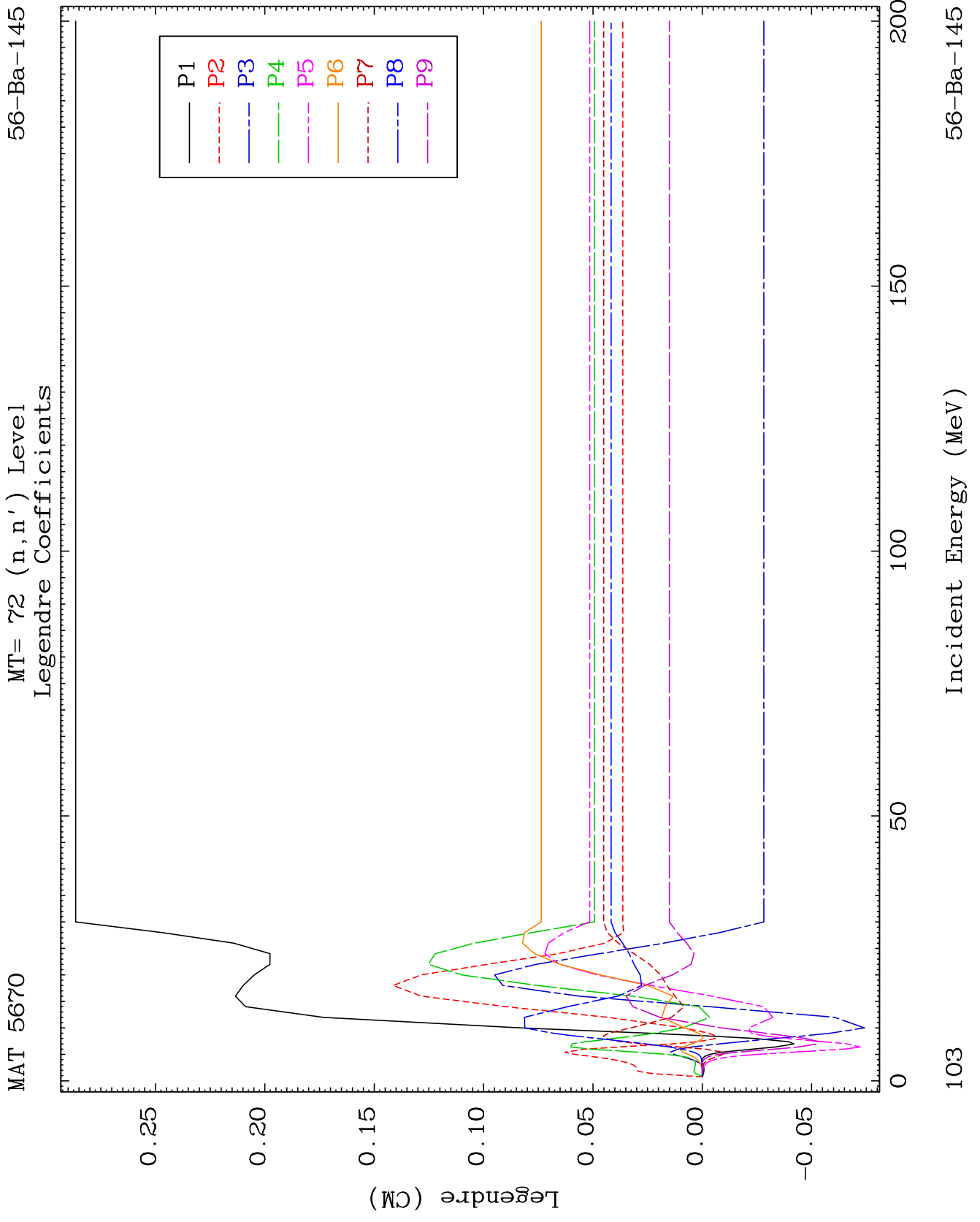
56-Ba-145

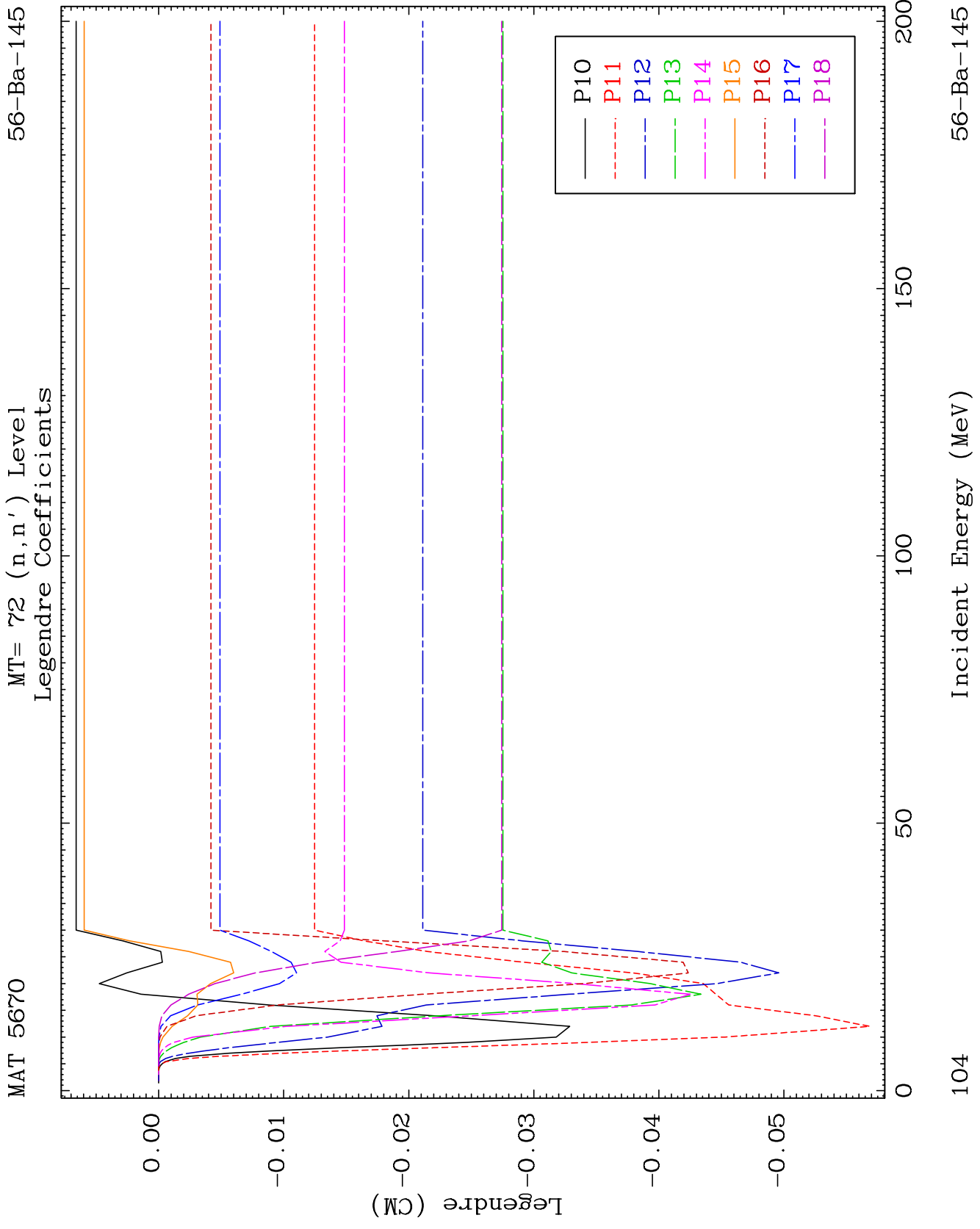


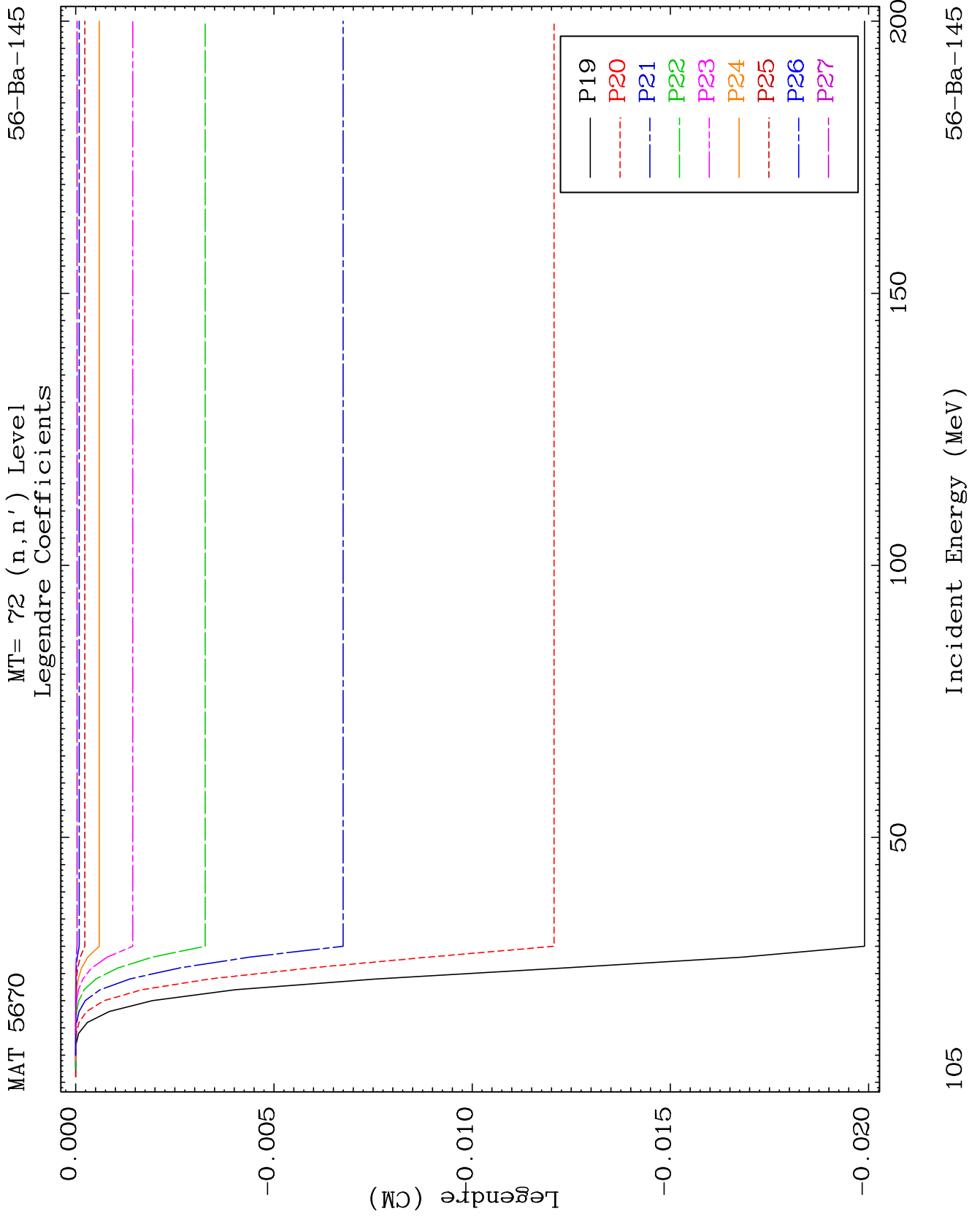
101

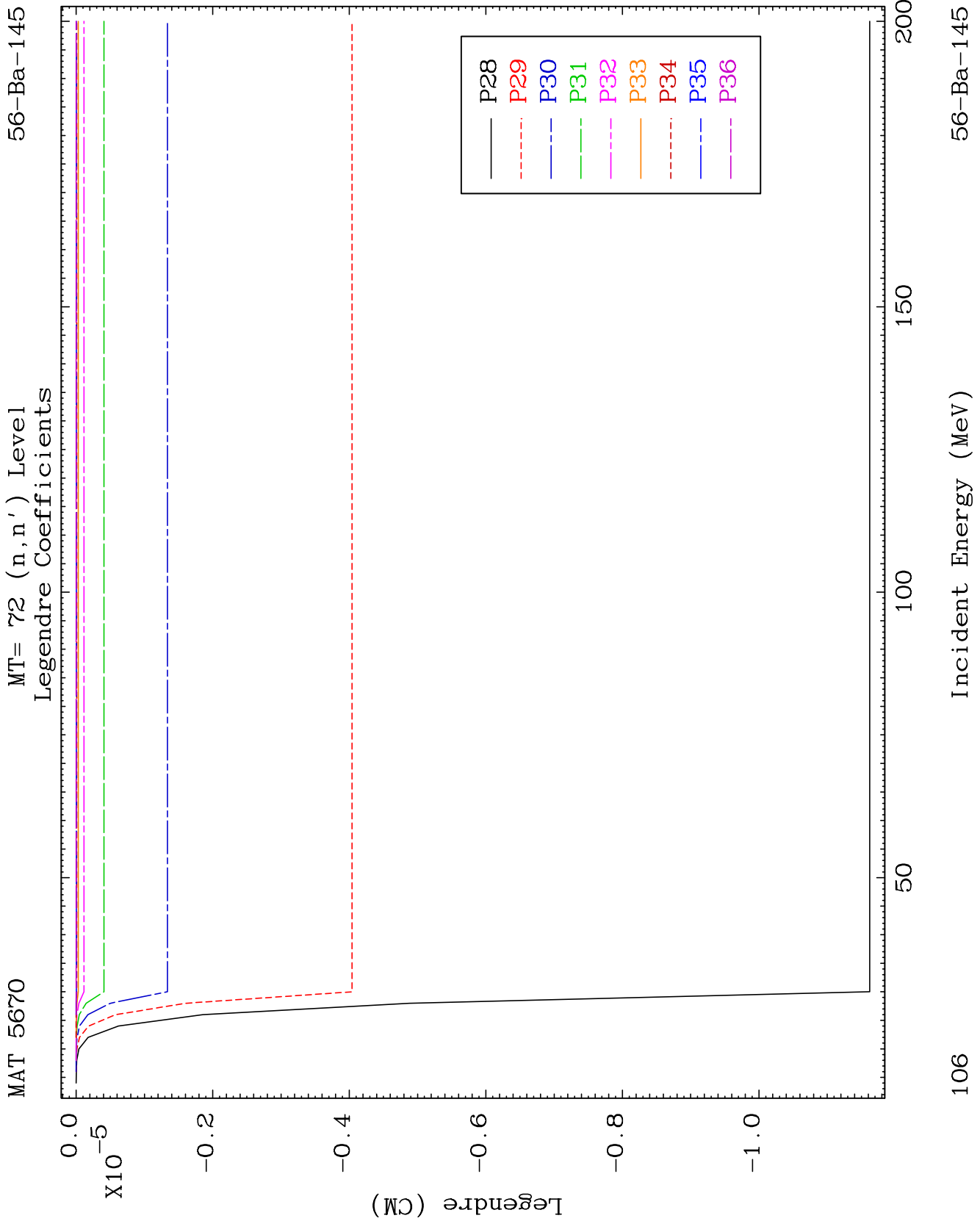
Incident Energy (MeV)

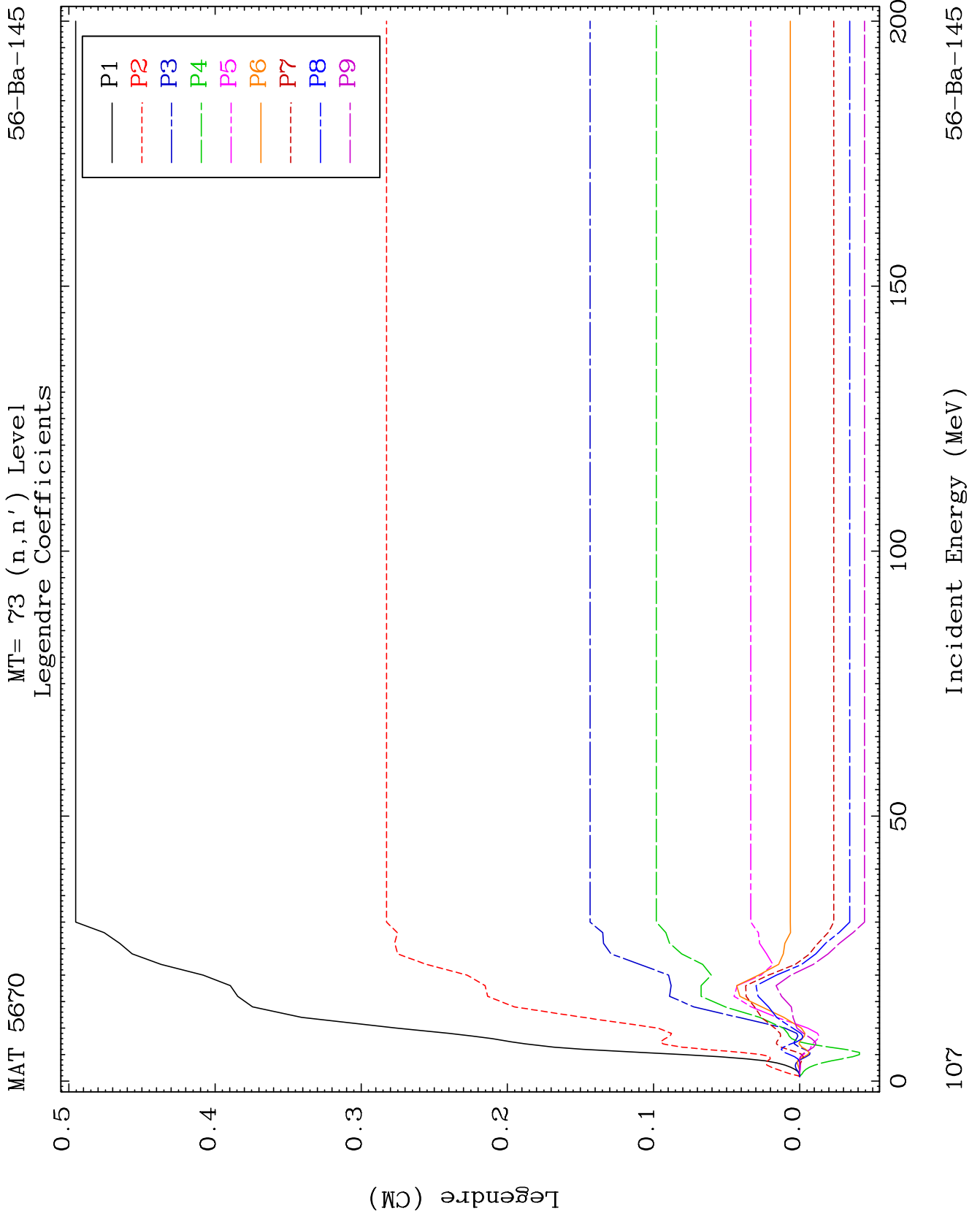
56-Ba-145

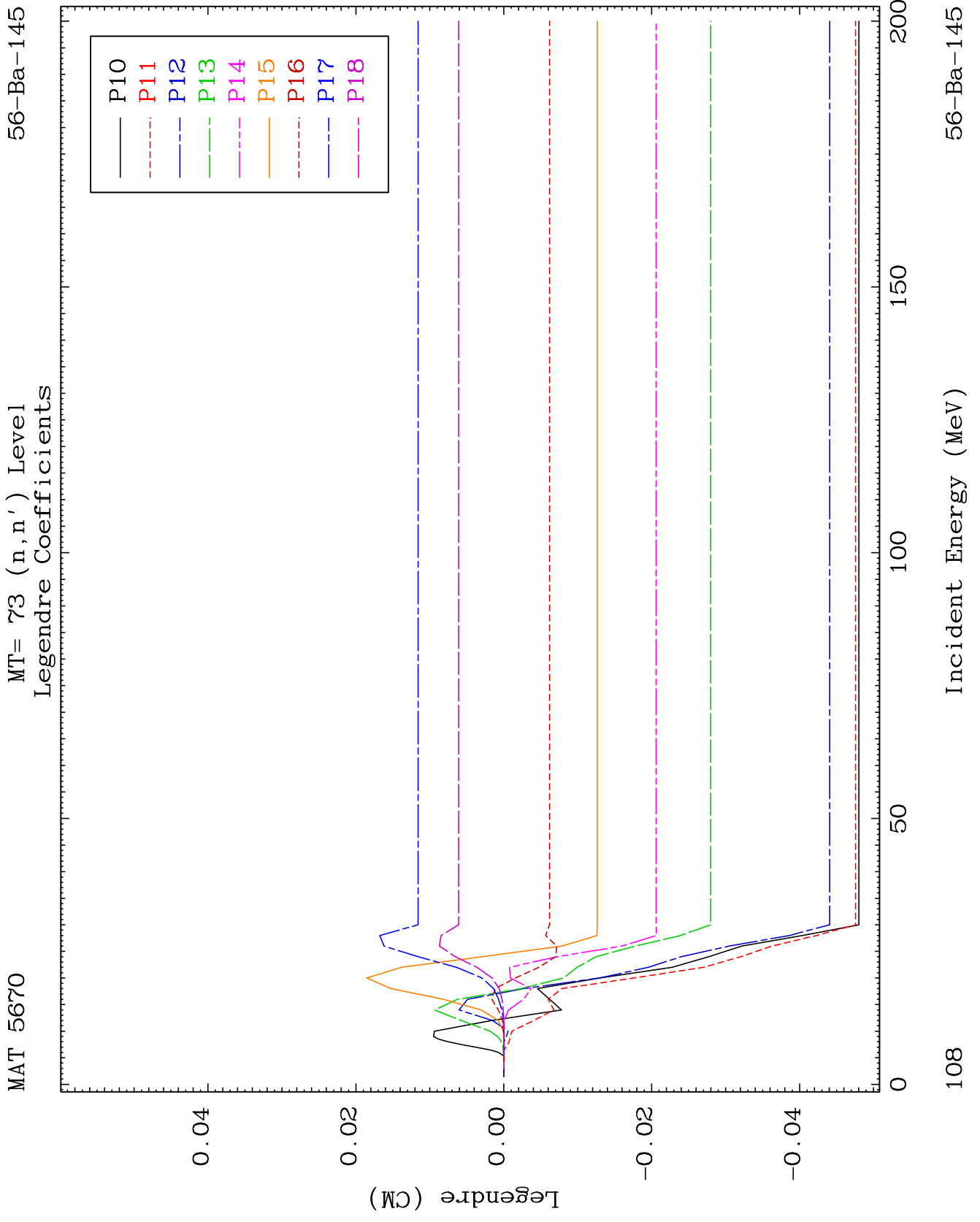


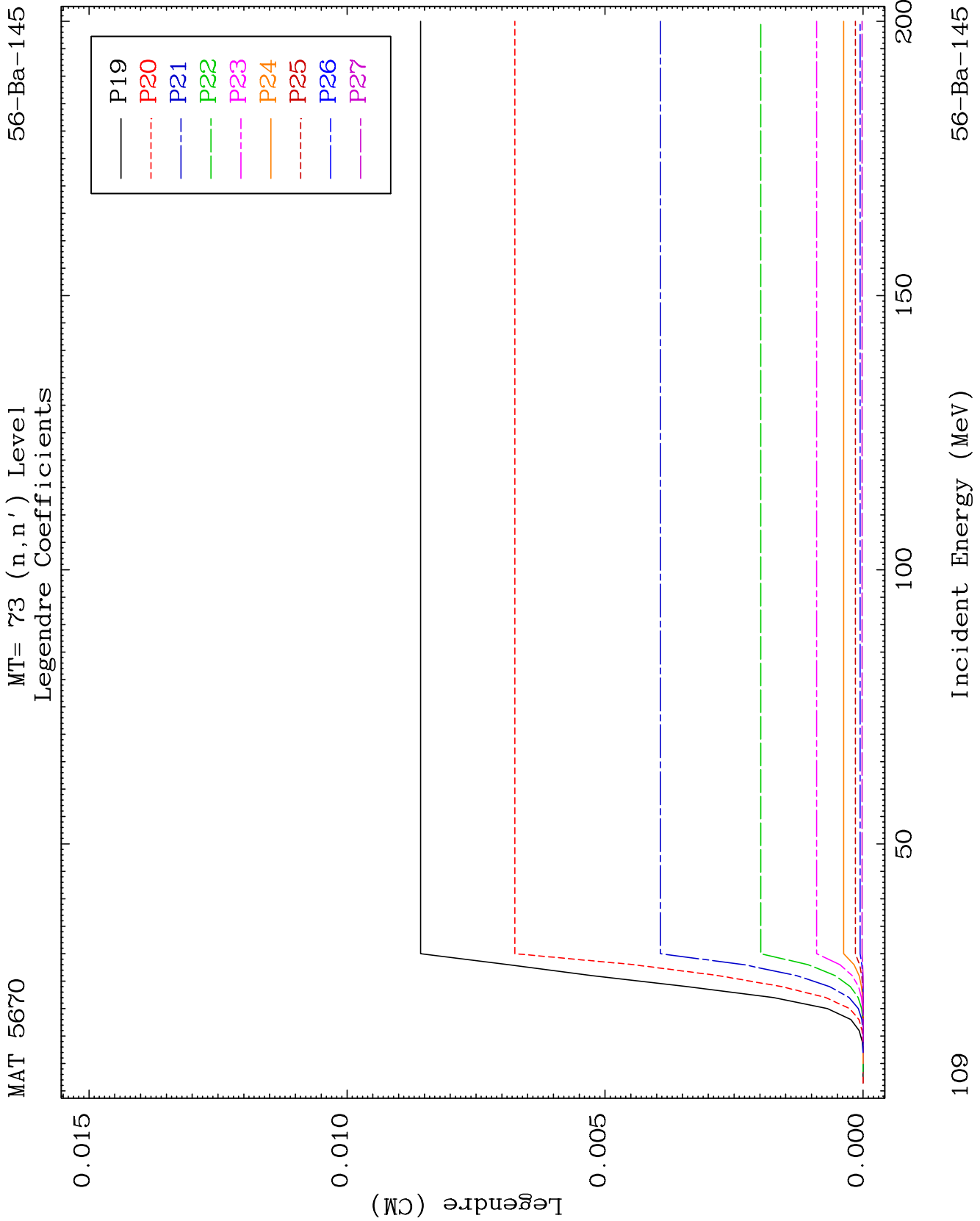


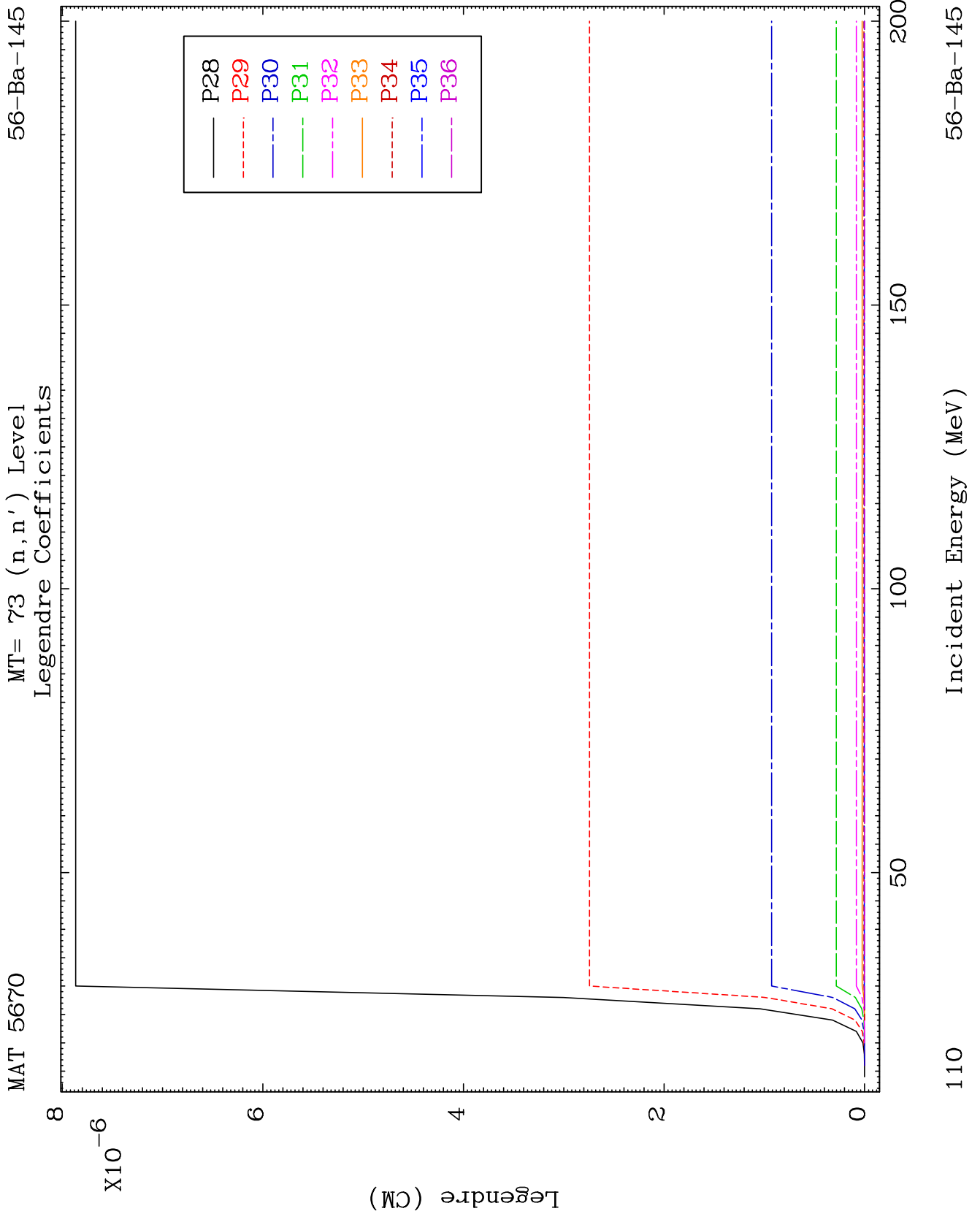


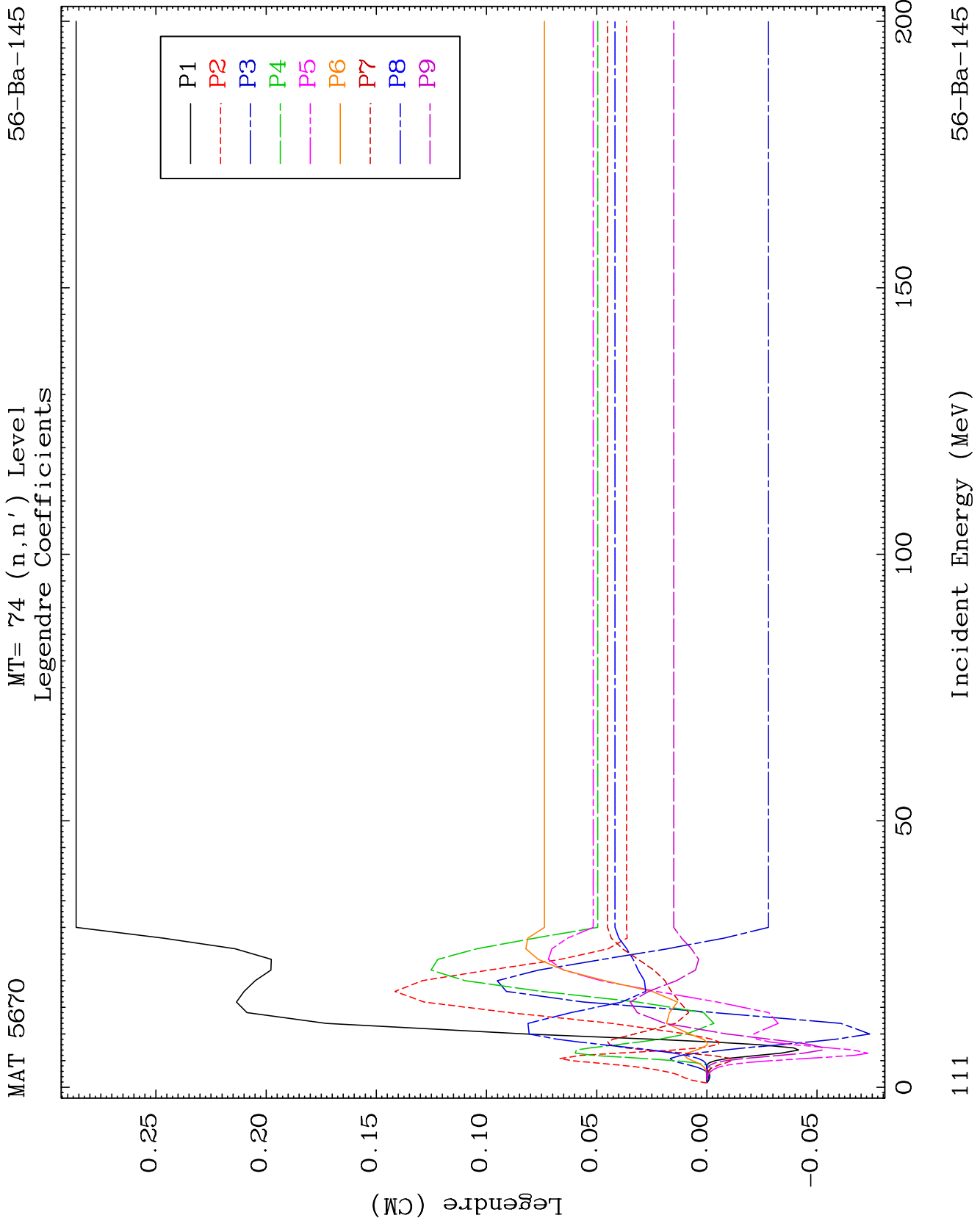


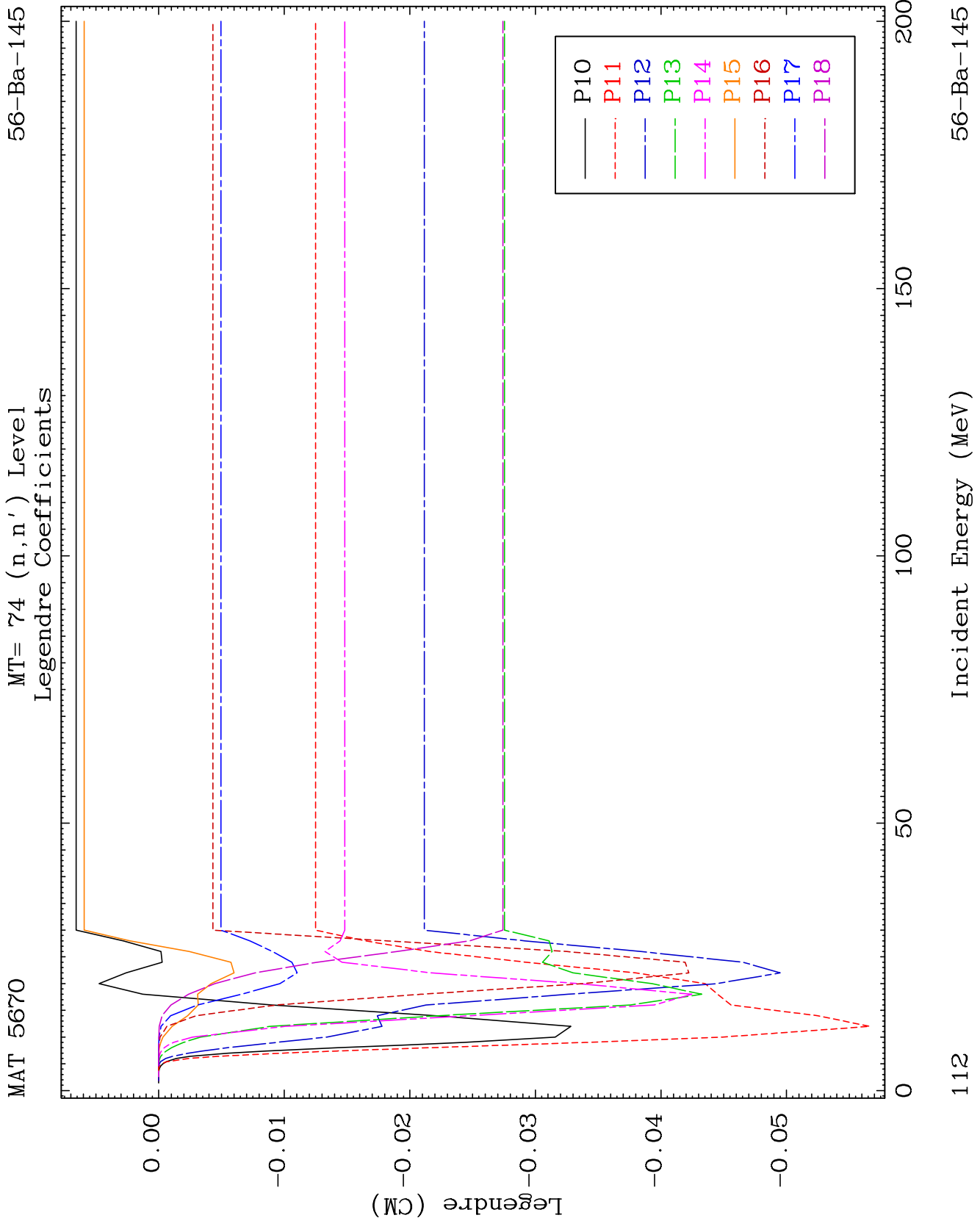


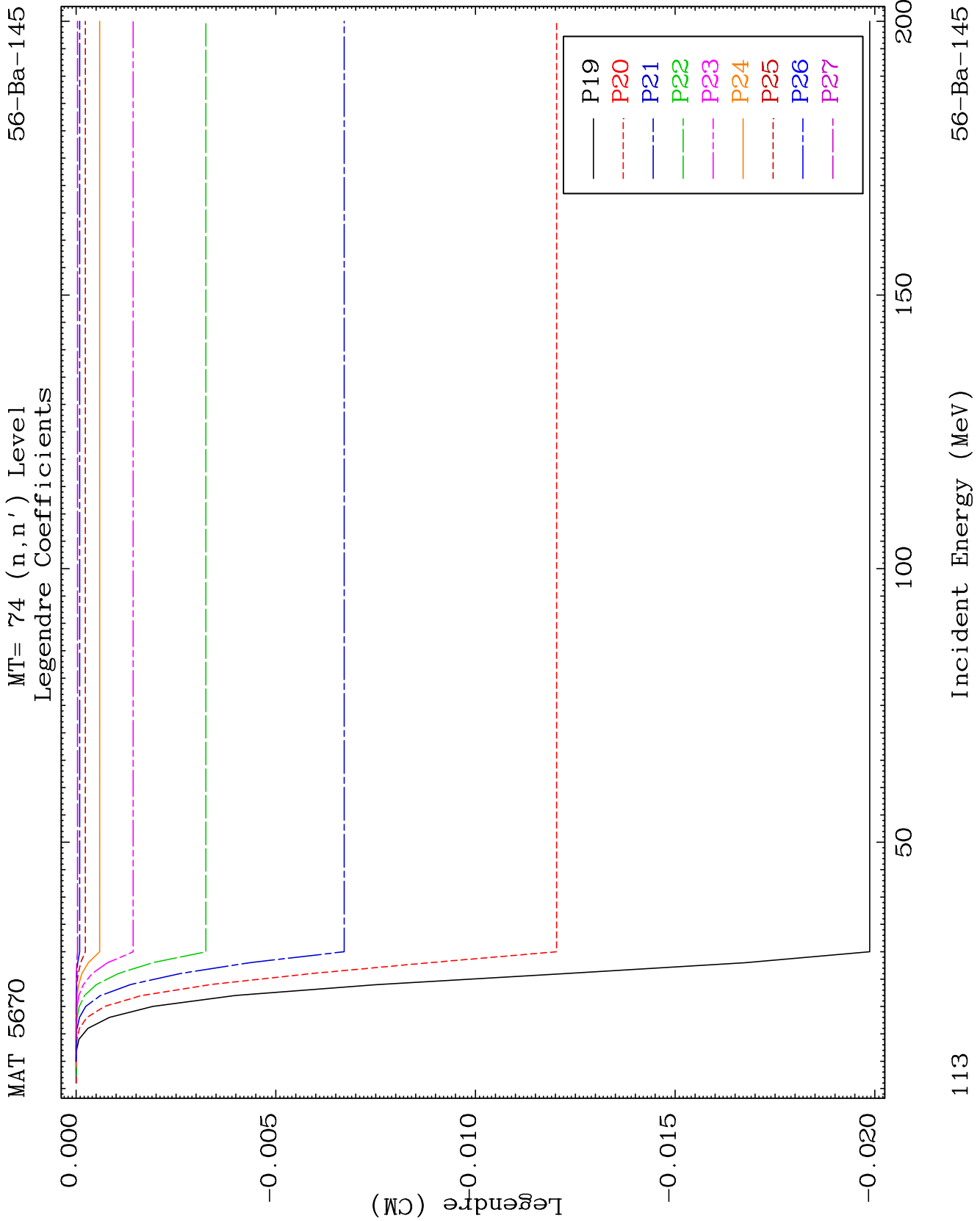


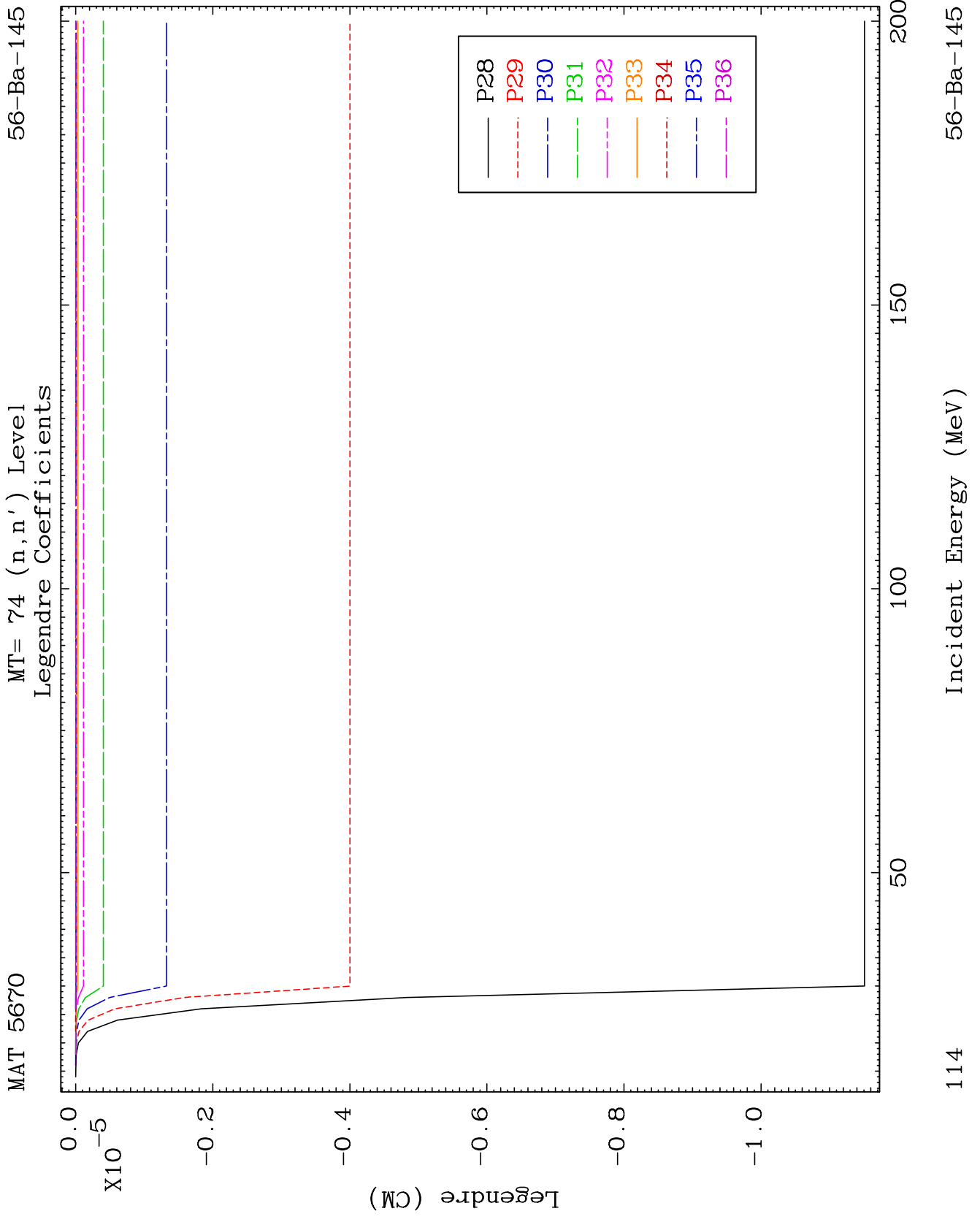


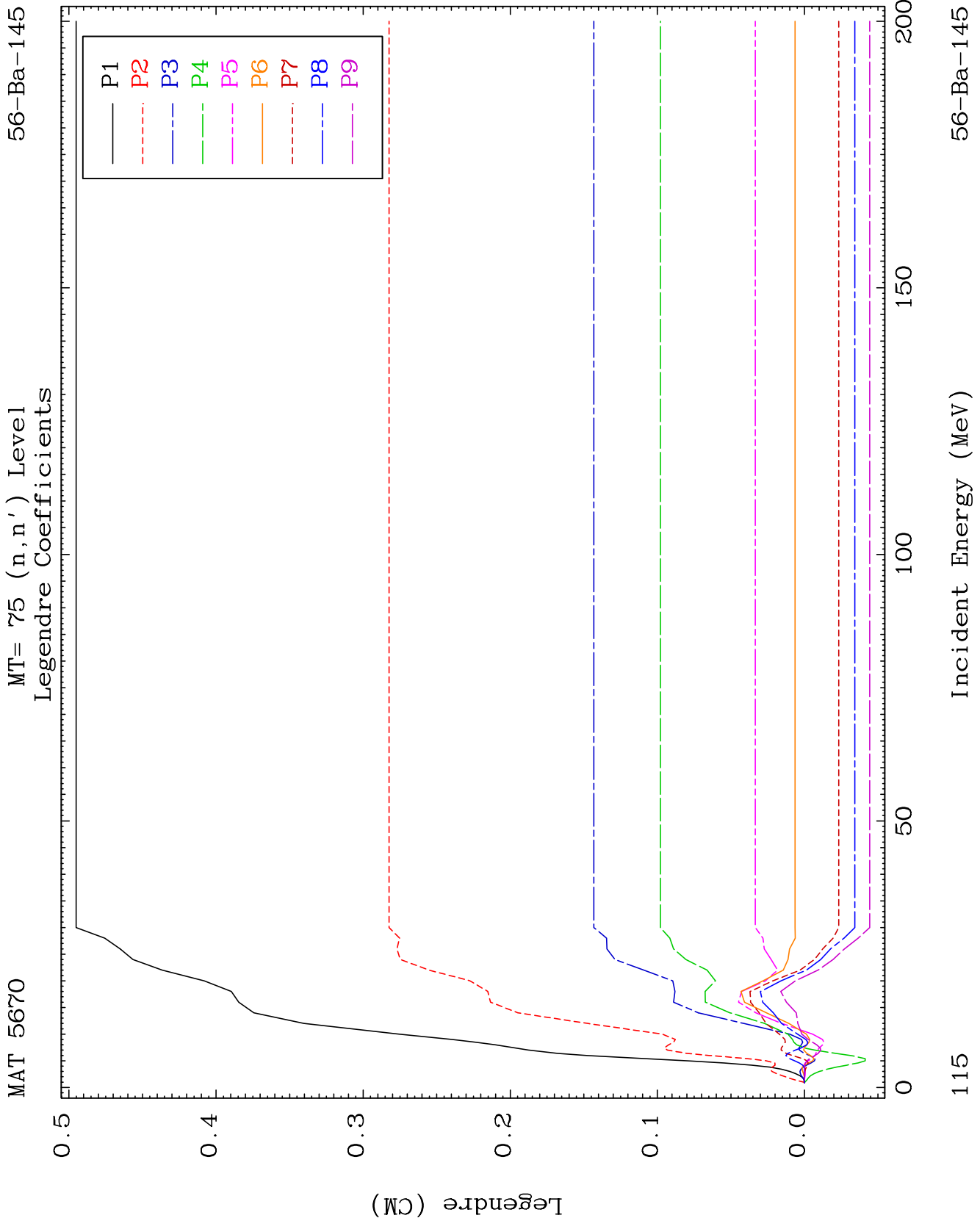


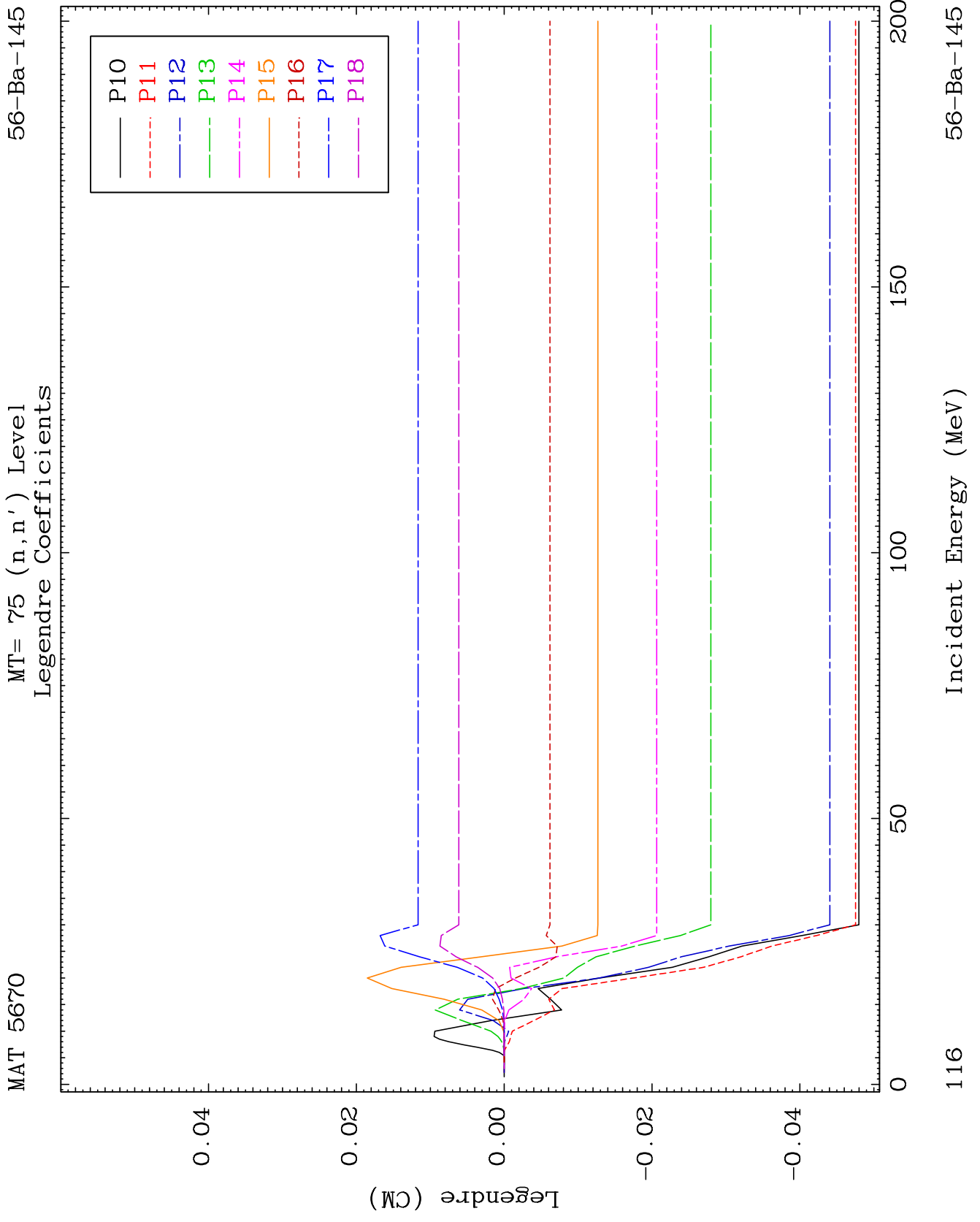








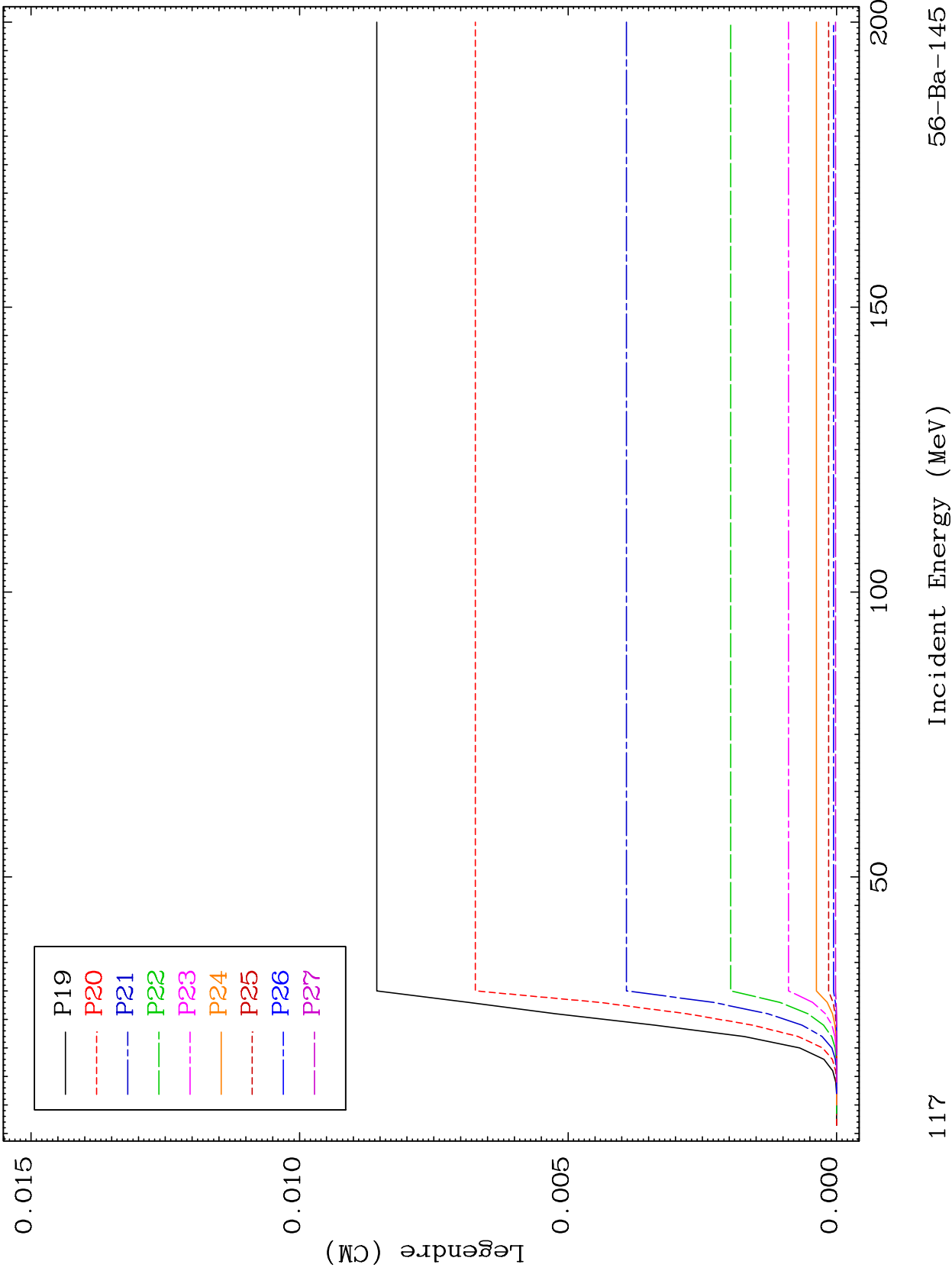




MAT 5670

MT= 75 (n,n') Level
Legendre Coefficients

56-Ba-145

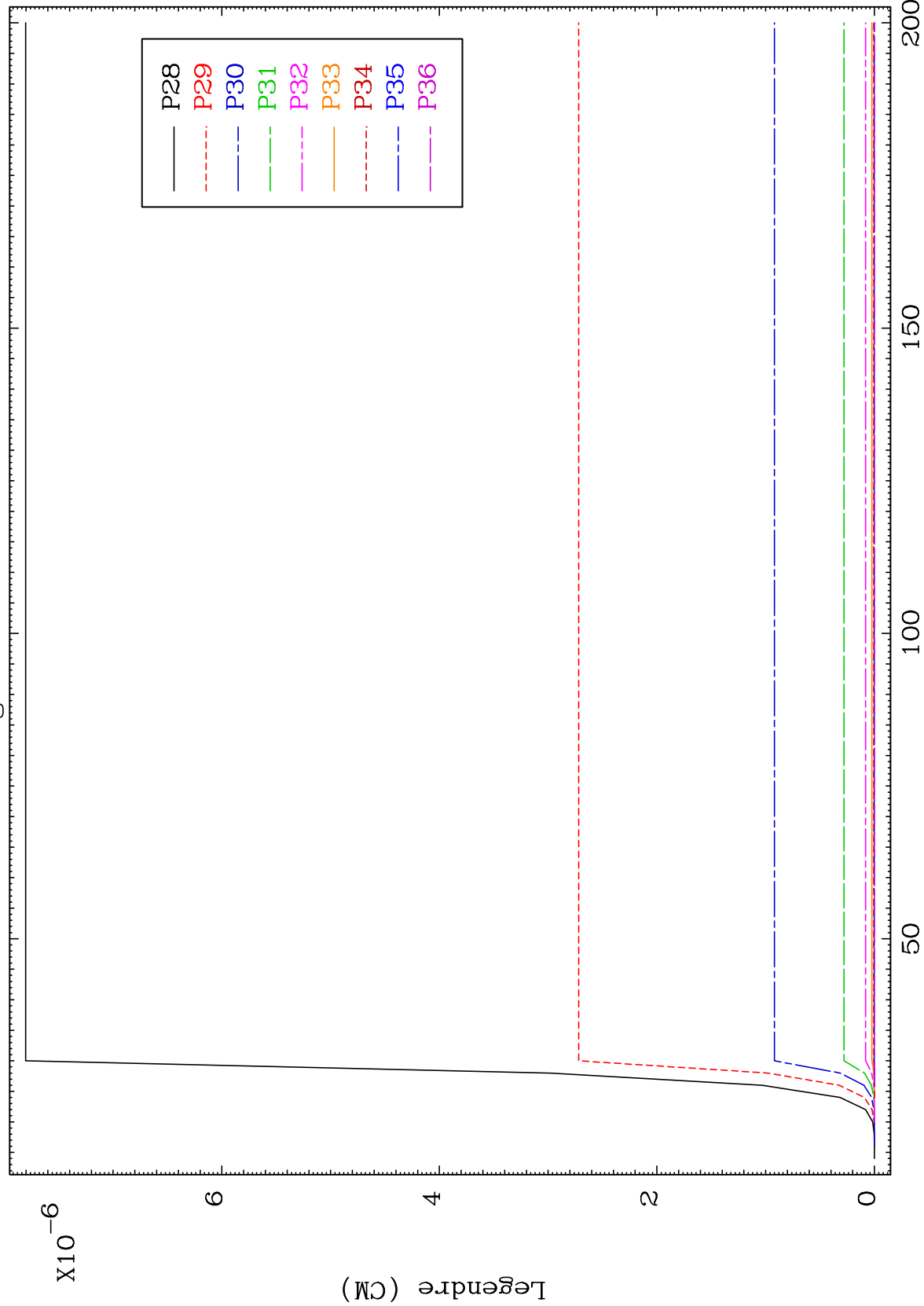


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MAT 5670

MT= 75 (n,n') Level
Legendre Coefficients

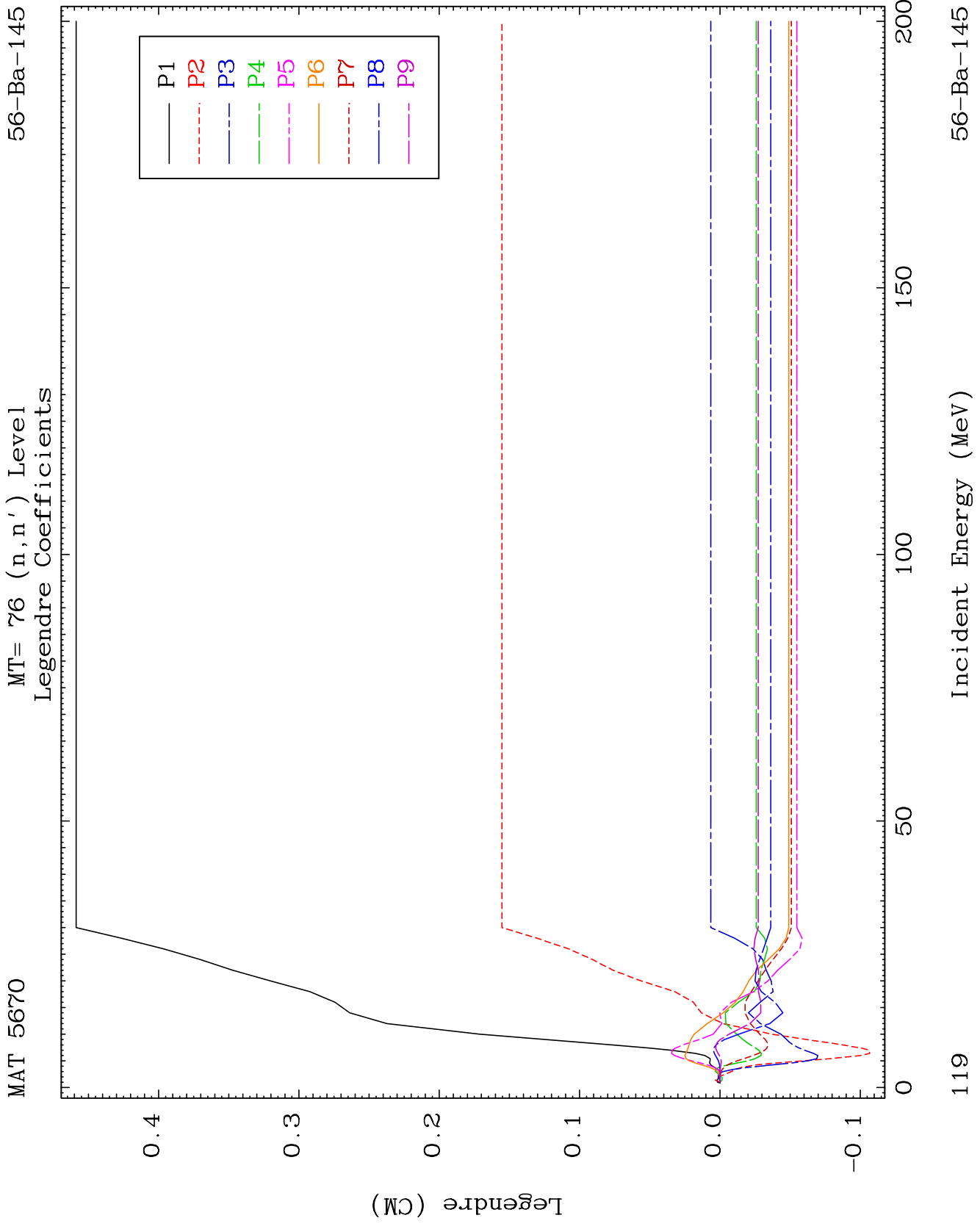
56-Ba-145

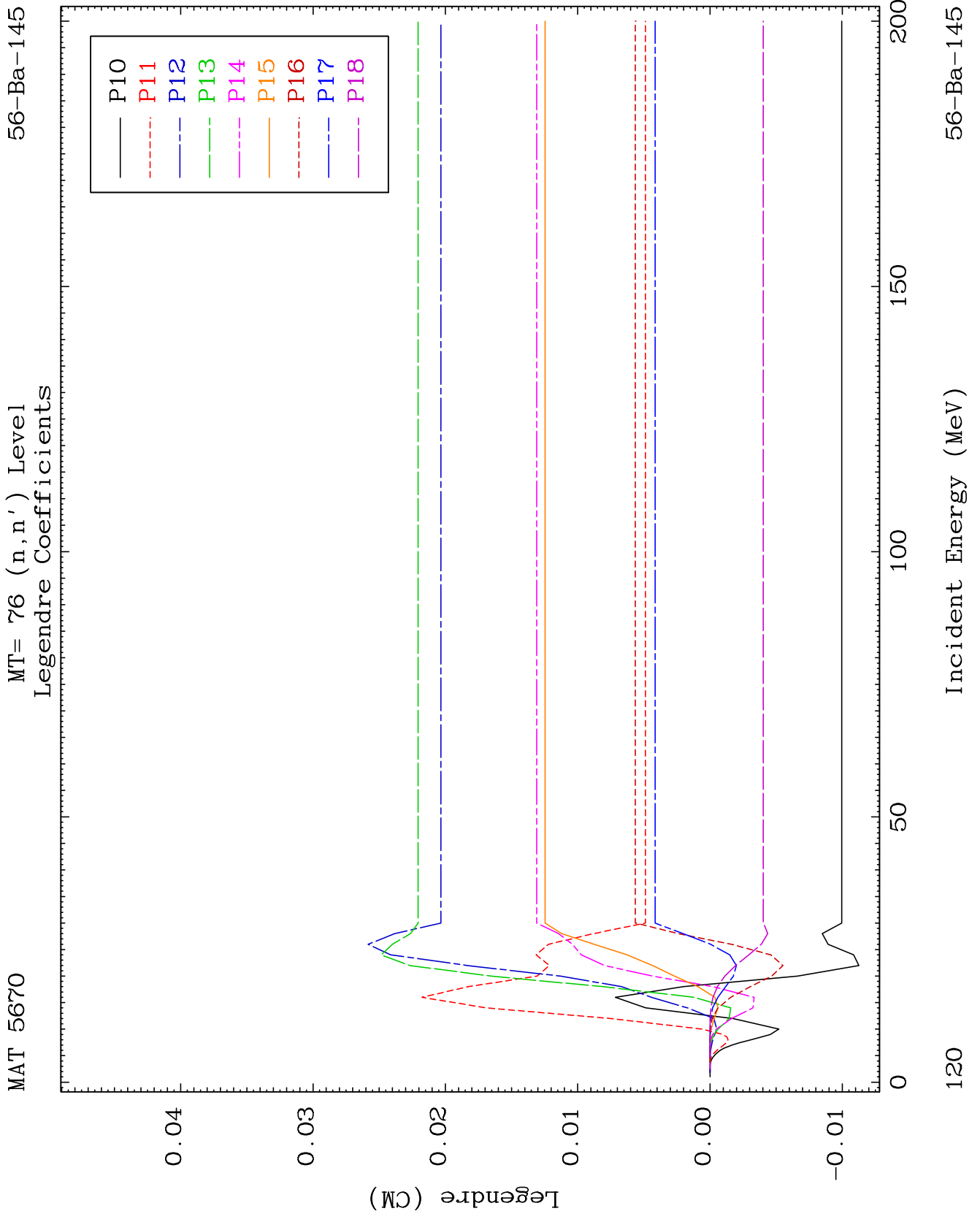


56-Ba-145

Incident Energy (MeV)

118

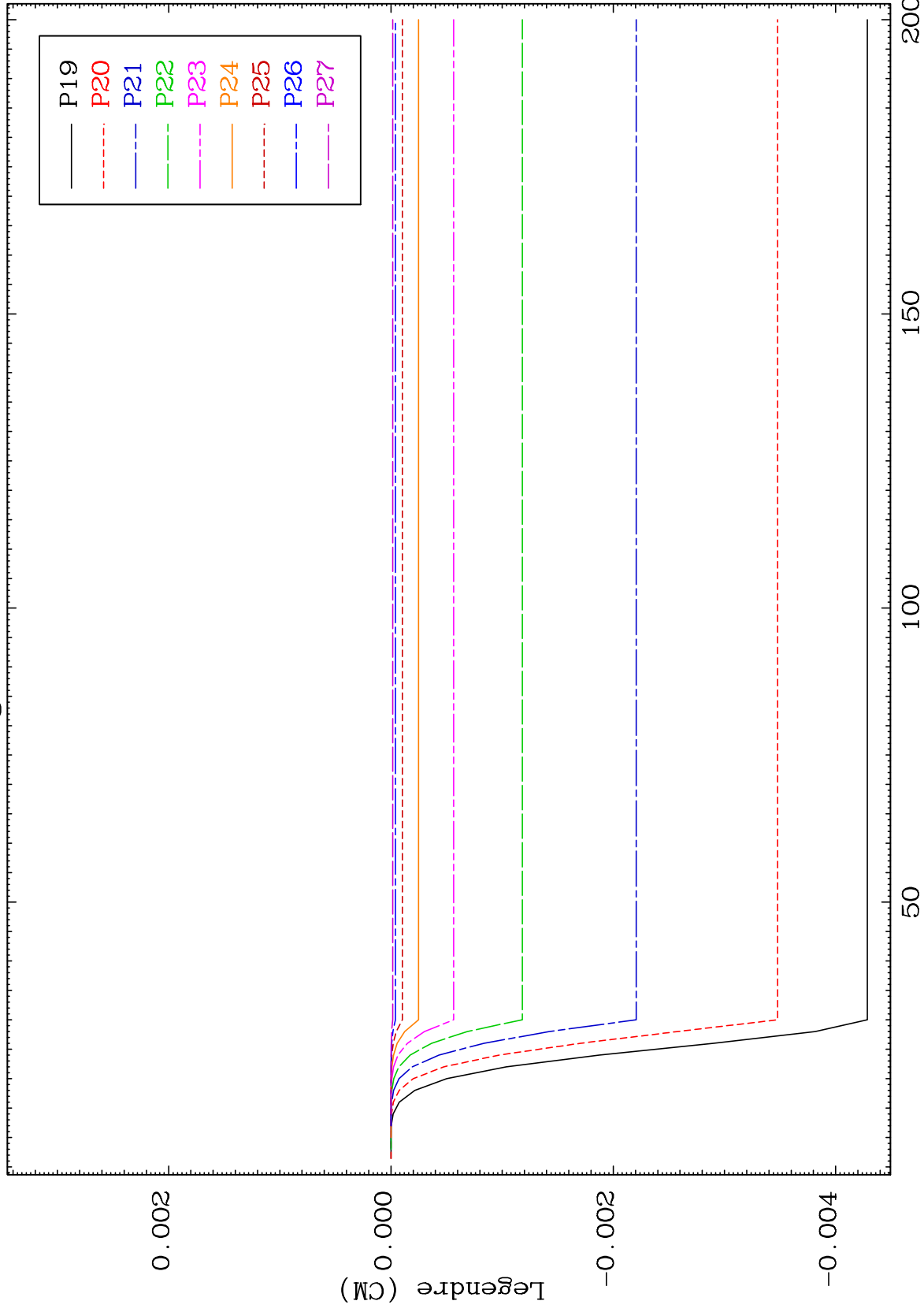




MAT 5670

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

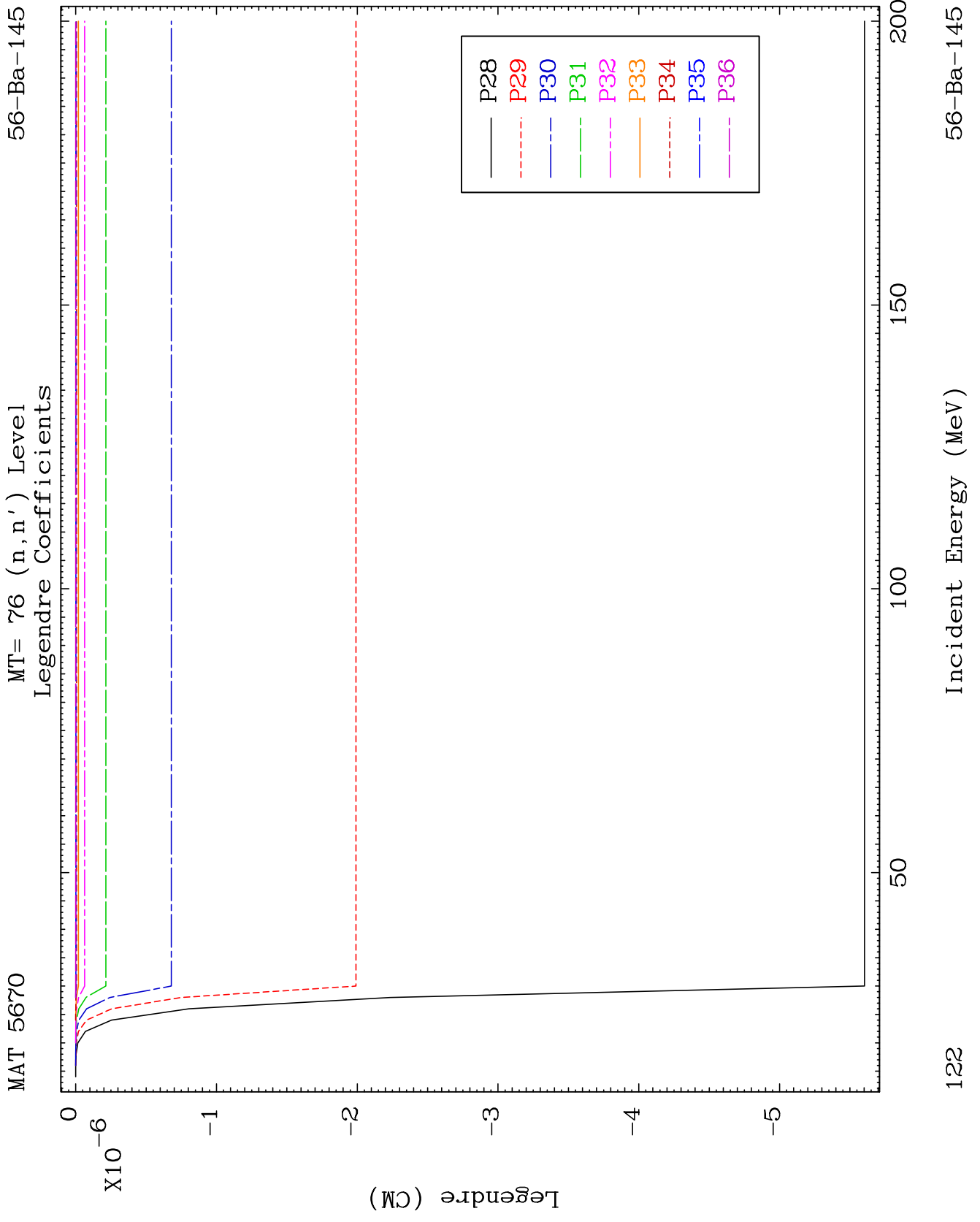
56-Ba-145

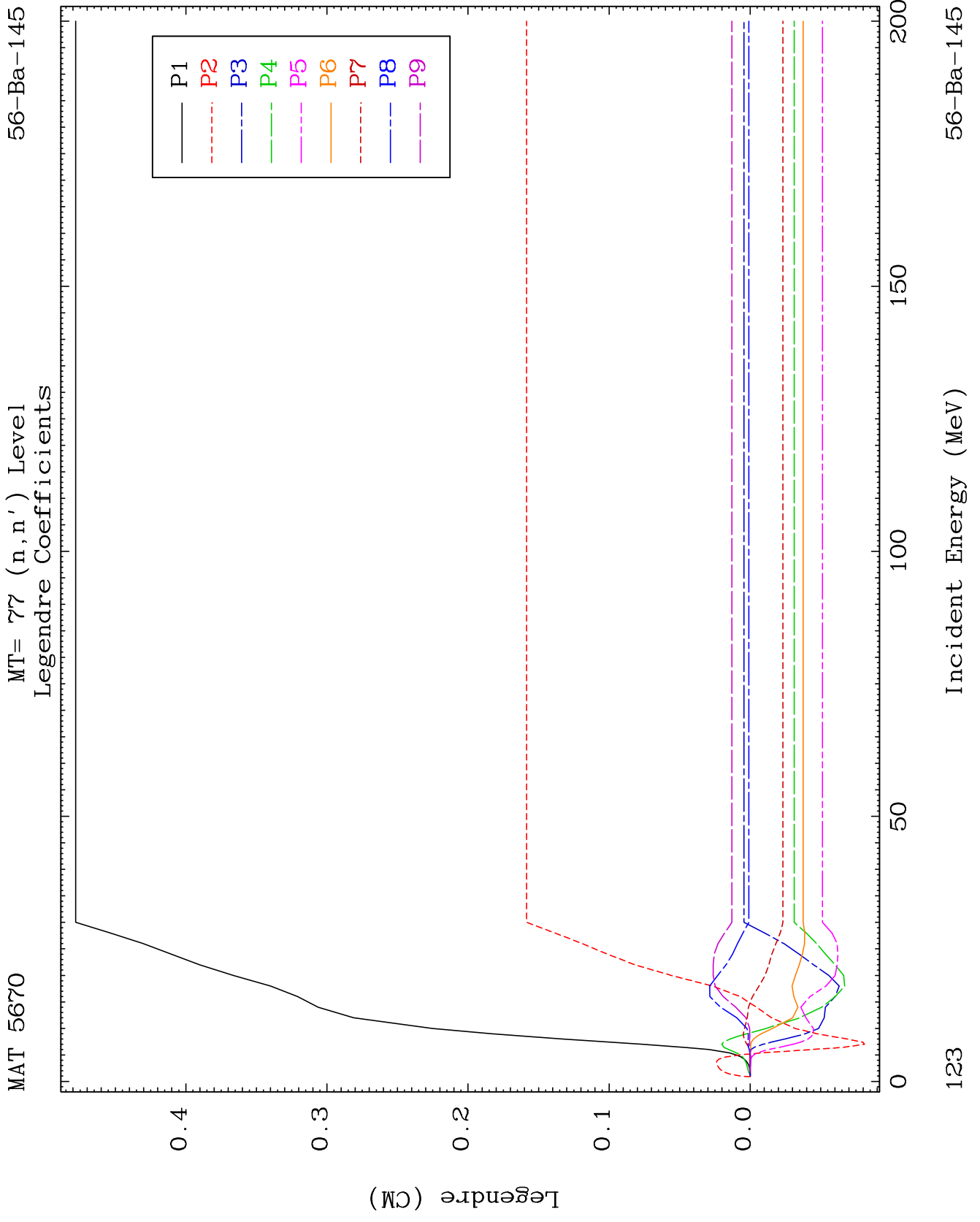


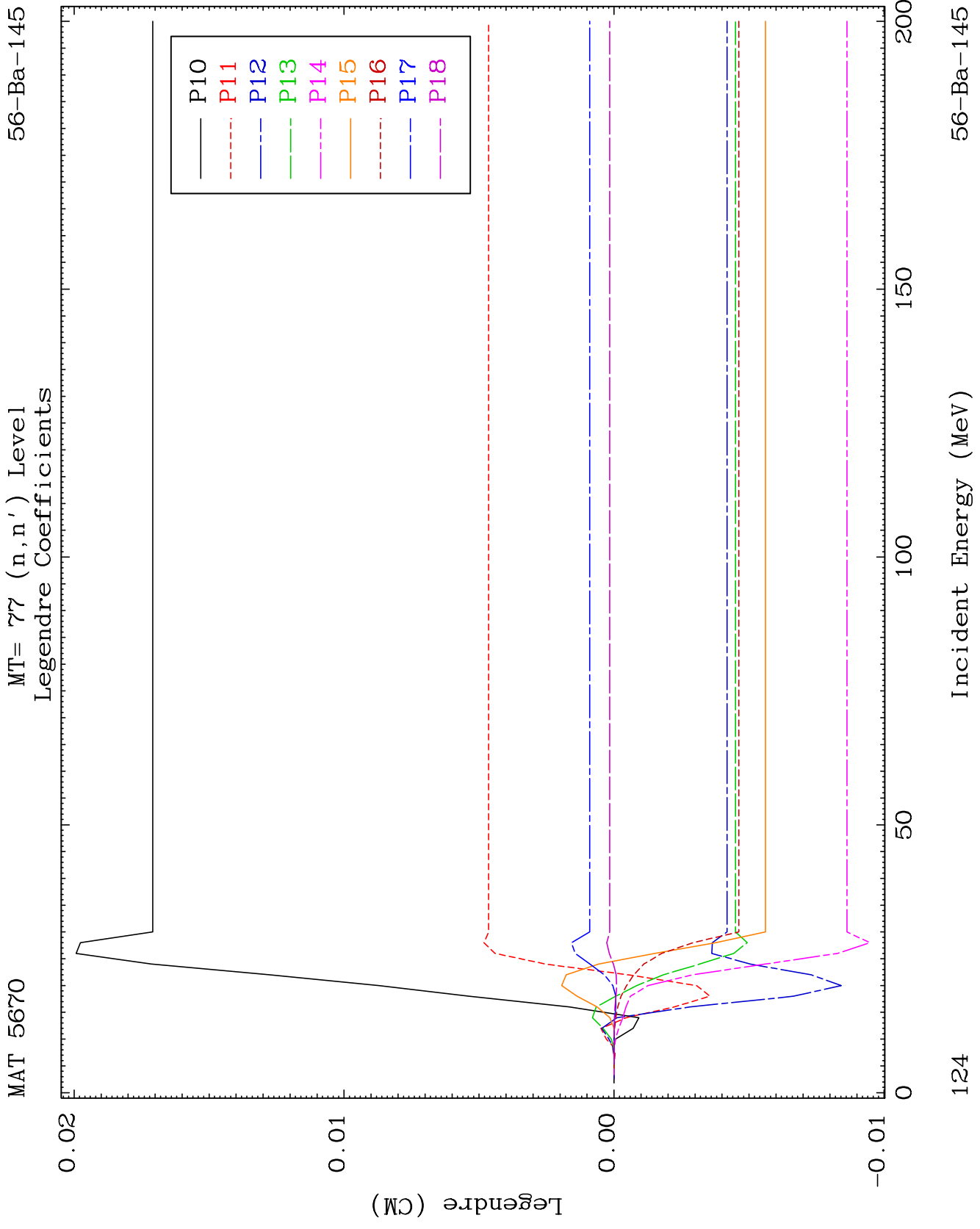
121

Incident Energy (MeV)

56-Ba-145



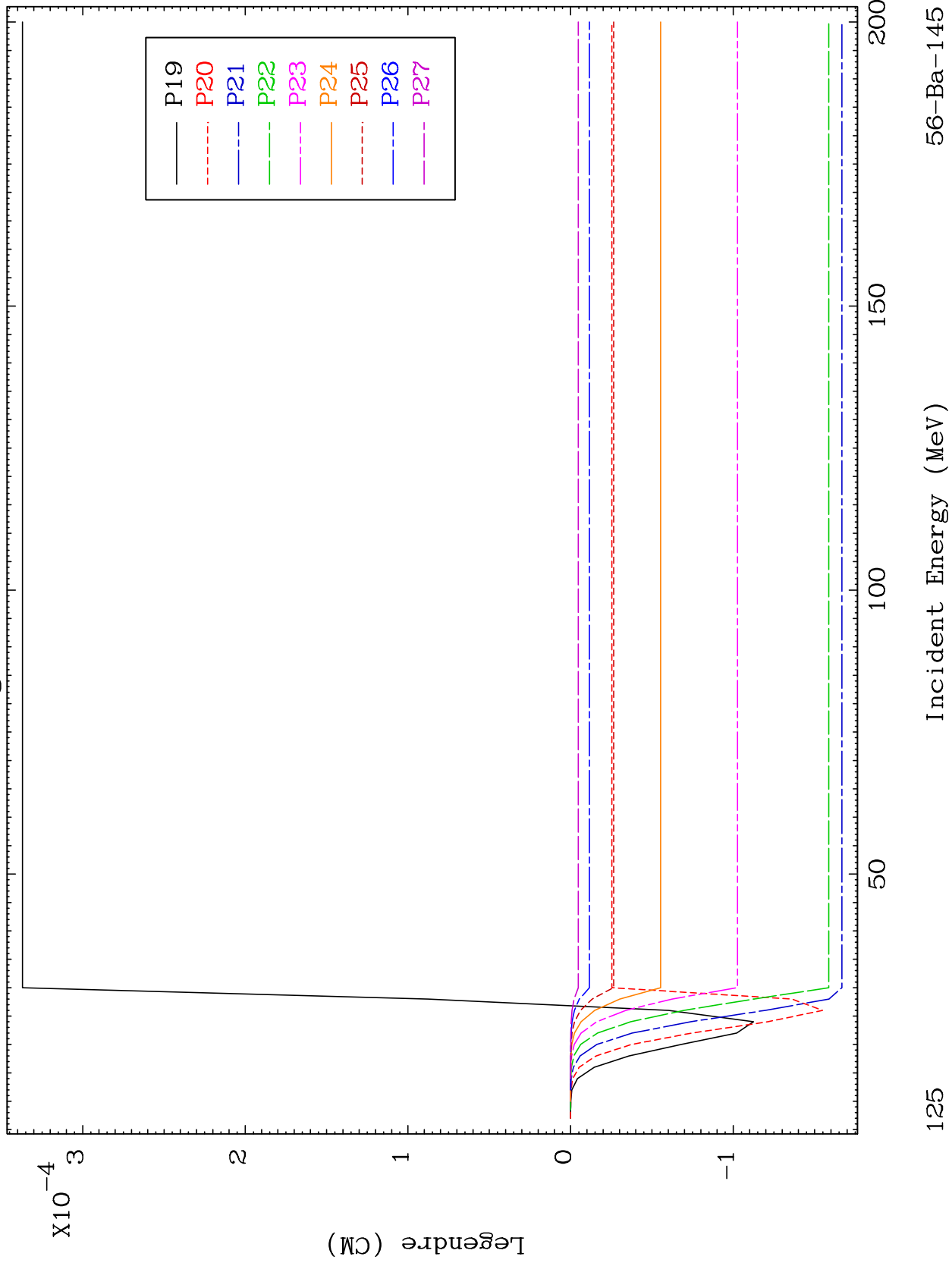




MAT 5670

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

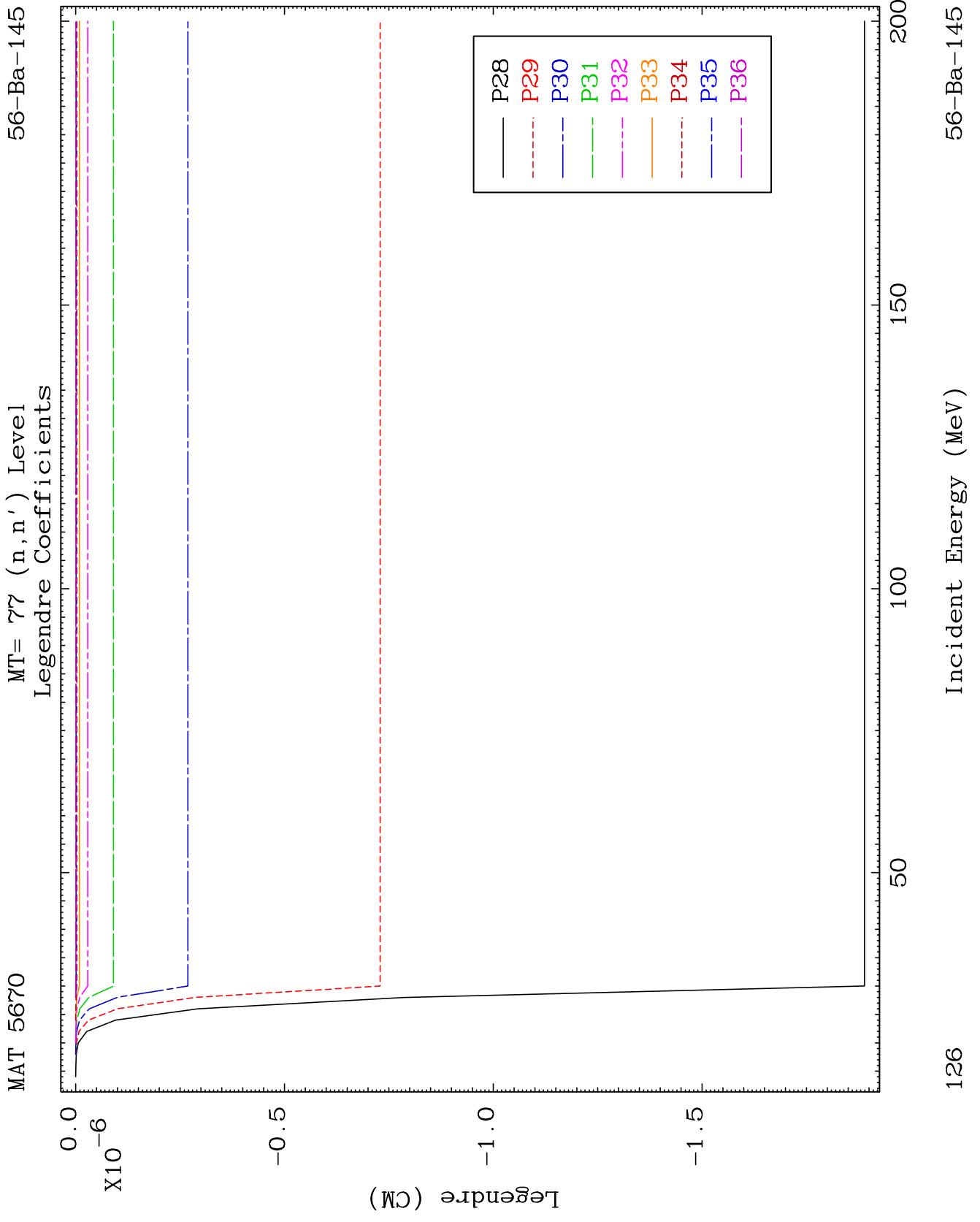
56-Ba-145



125

Incident Energy (MeV)

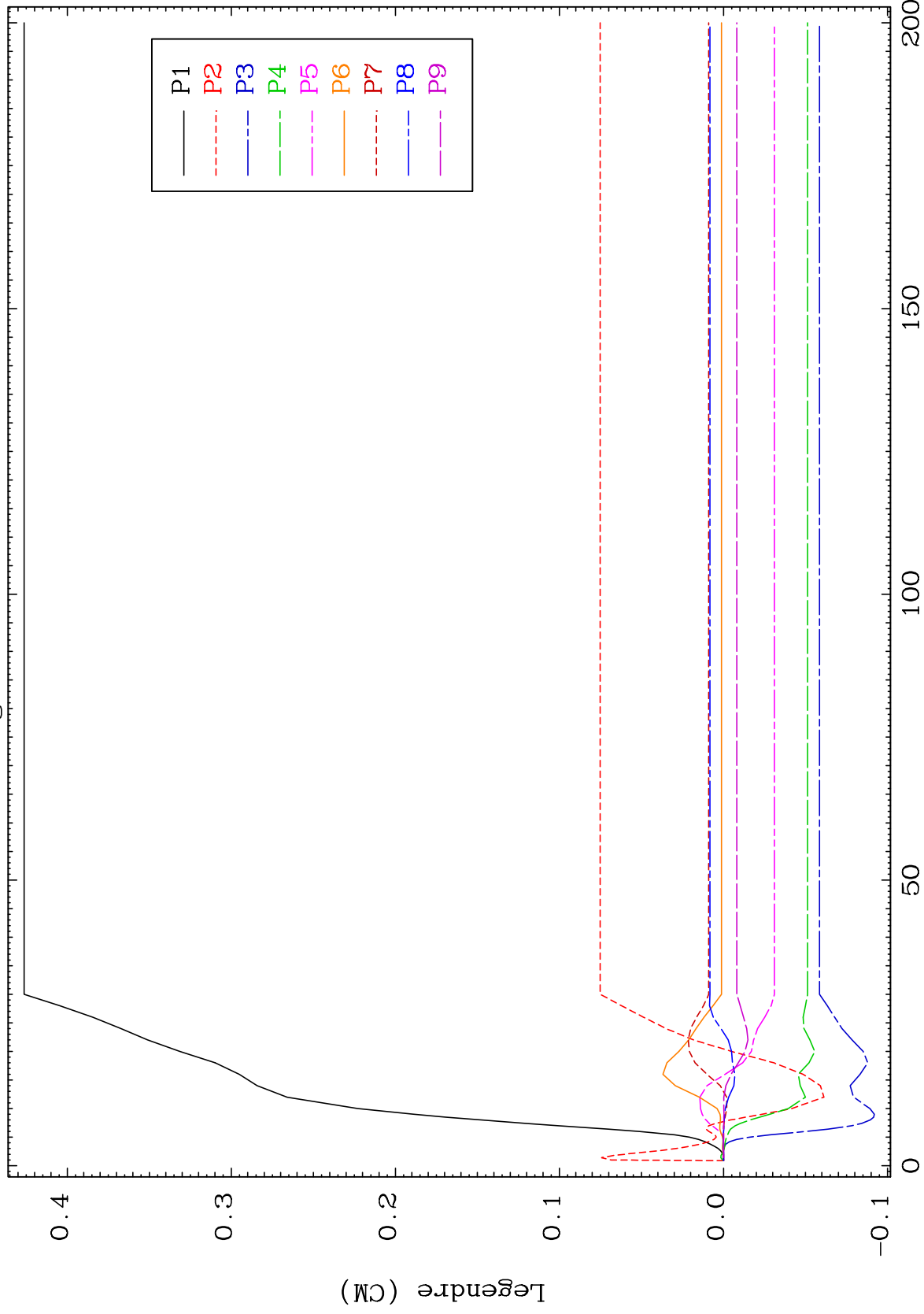
56-Ba-145



MAT 5670

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

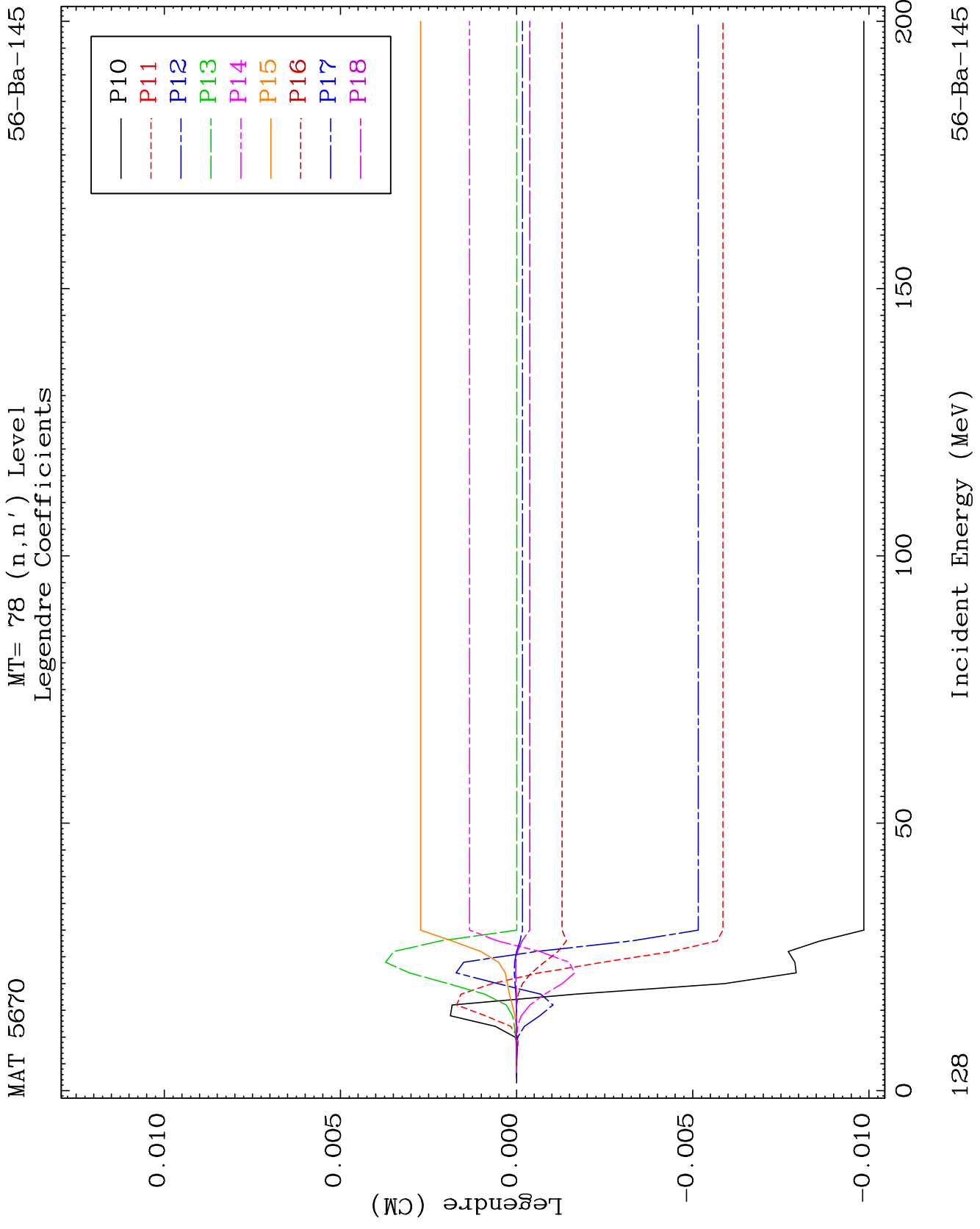
56-Ba-145



127

Incident Energy (MeV)

56-Ba-145



56-Ba-145

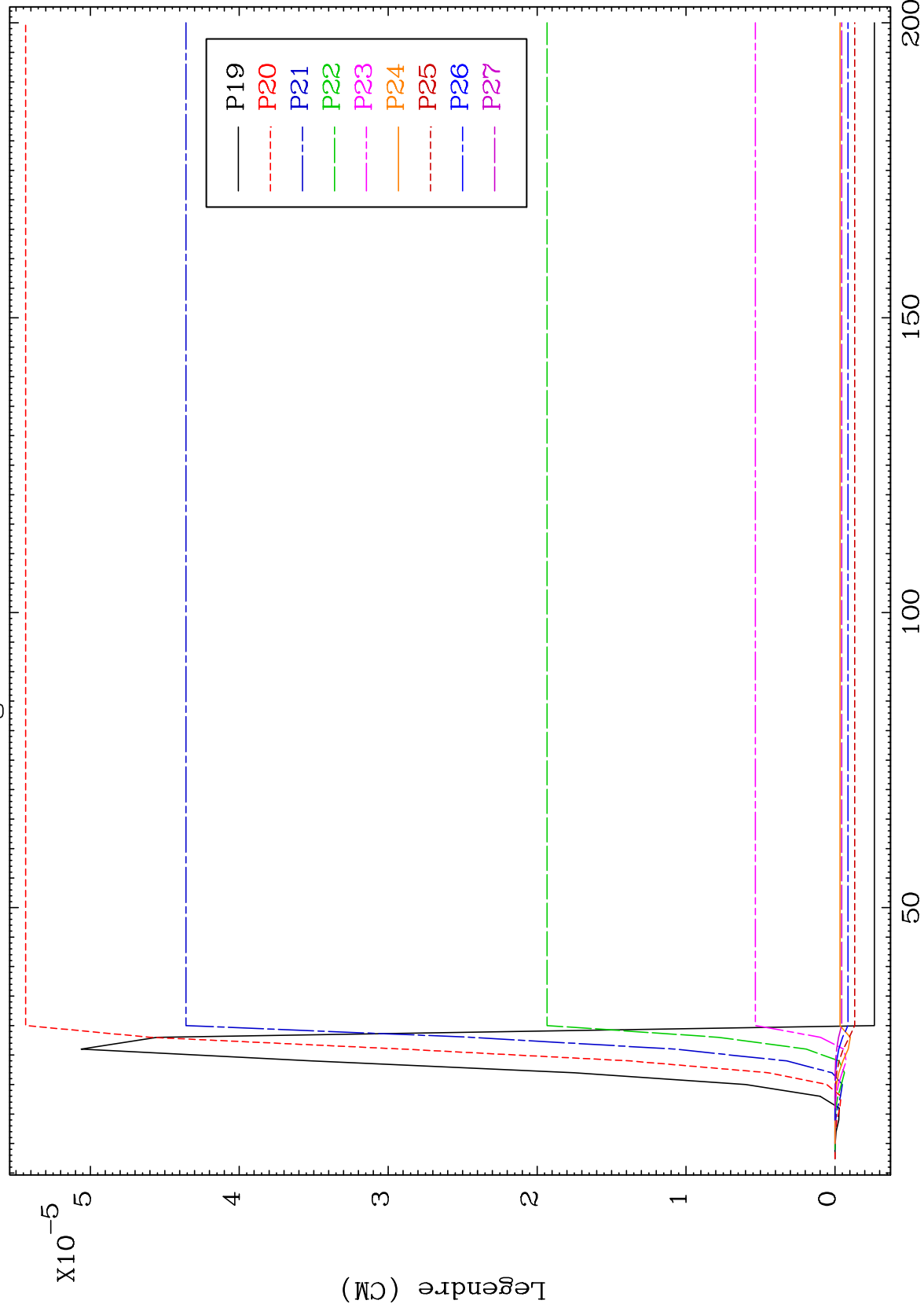
Incident Energy (MeV)

128

MAT 5670

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

56-Ba-145



129

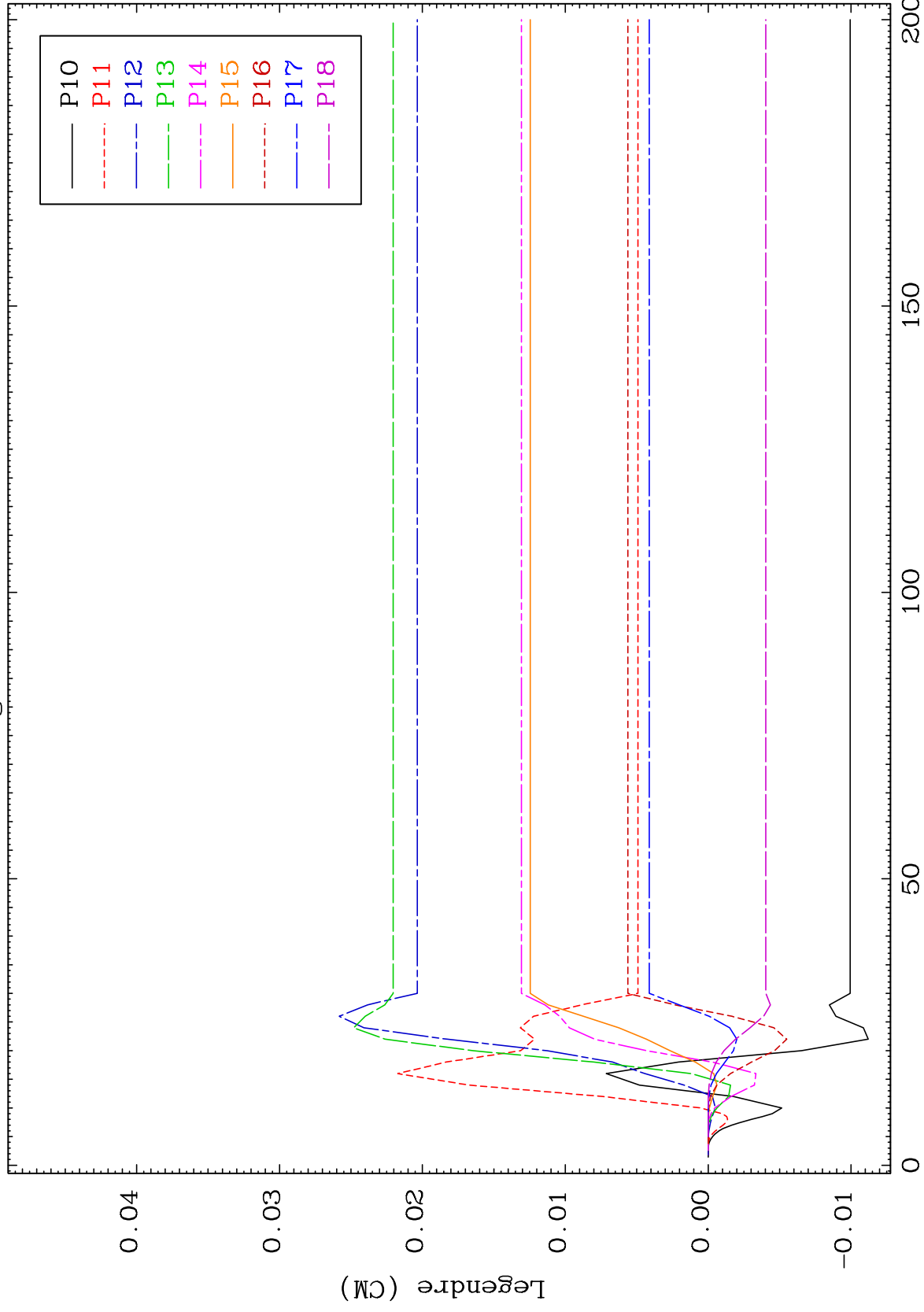
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

56-Ba-145



132

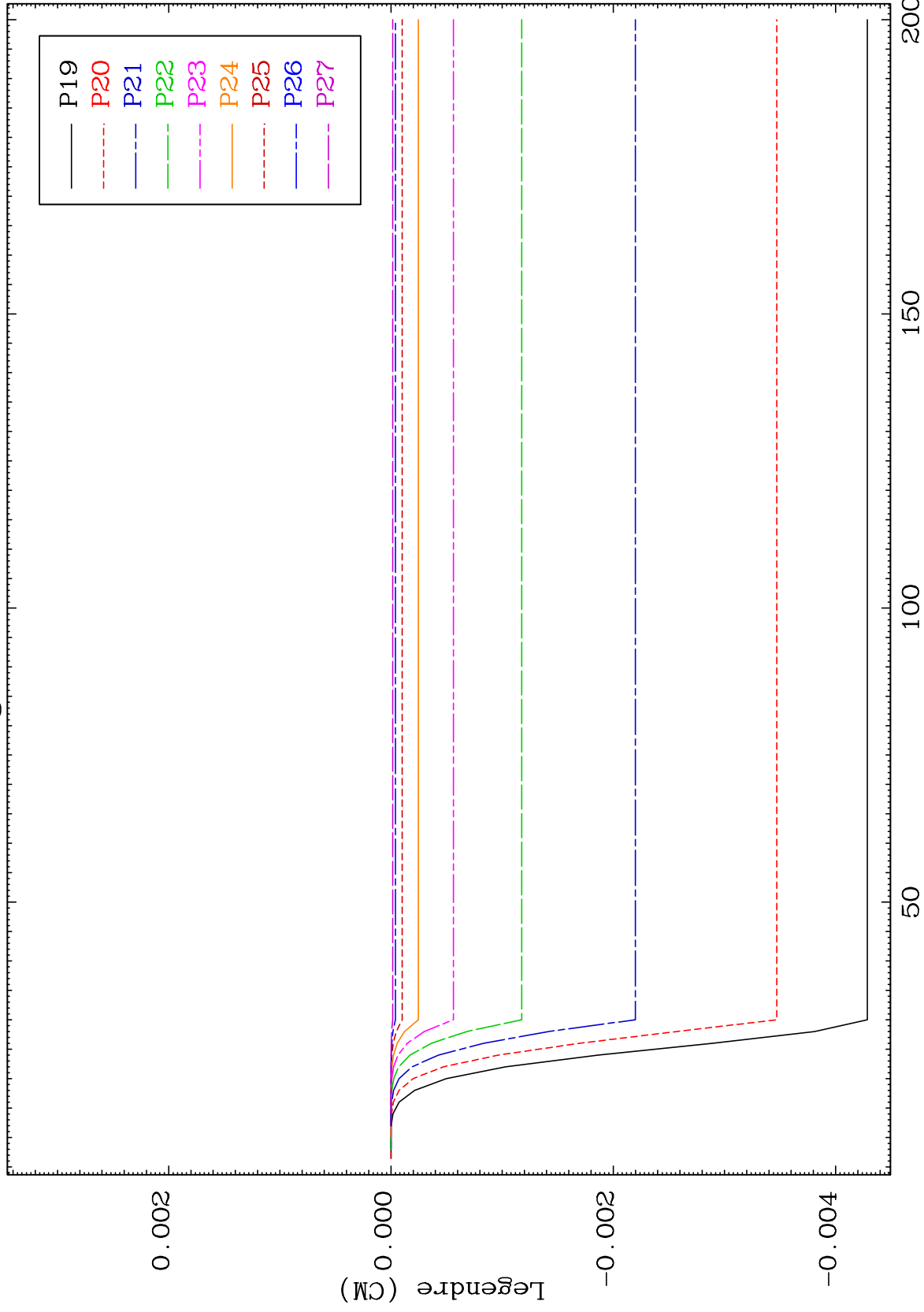
Incident Energy (MeV)

56-Ba-145

MAT 5670

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

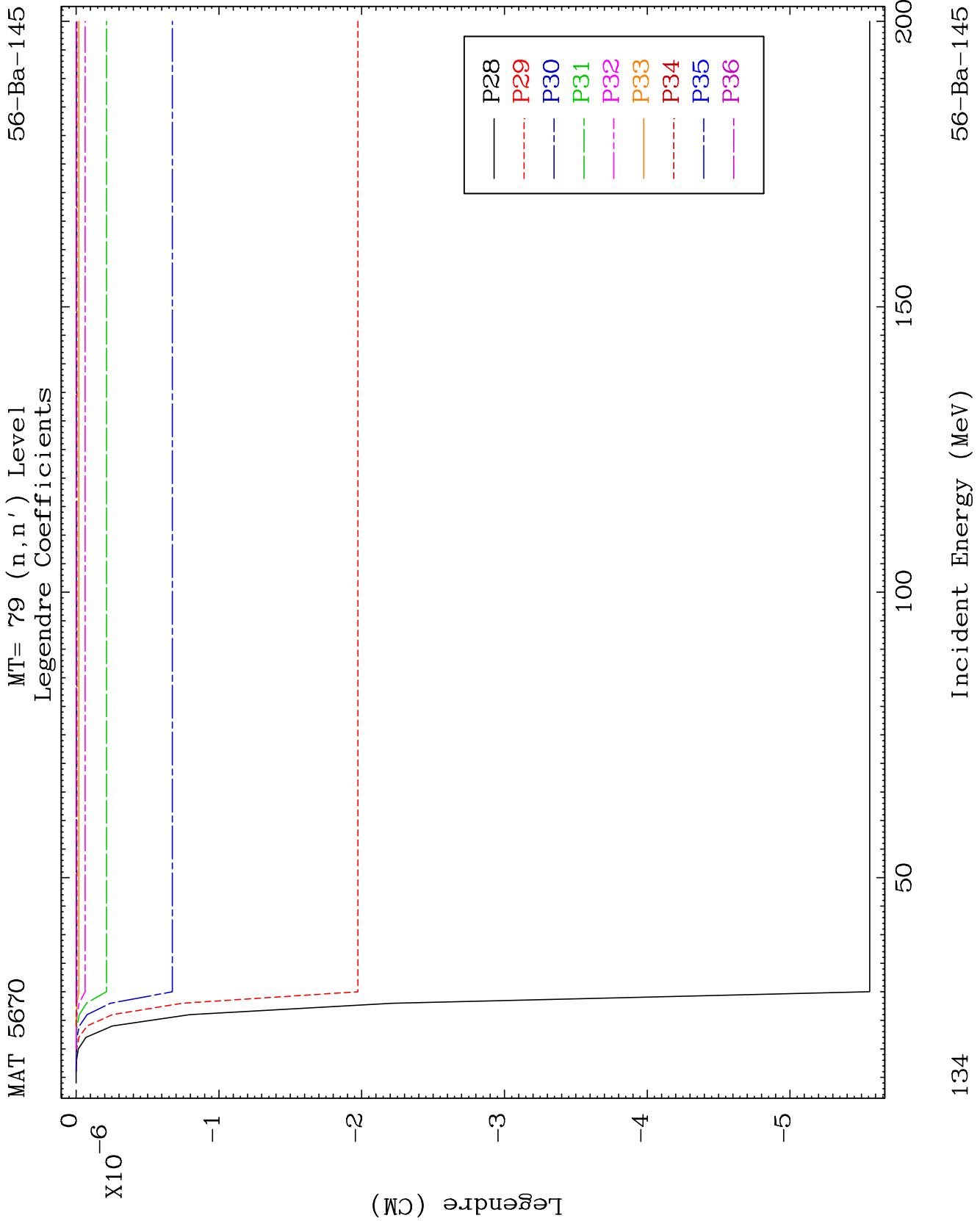
56-Ba-145



133

Incident Energy (MeV)

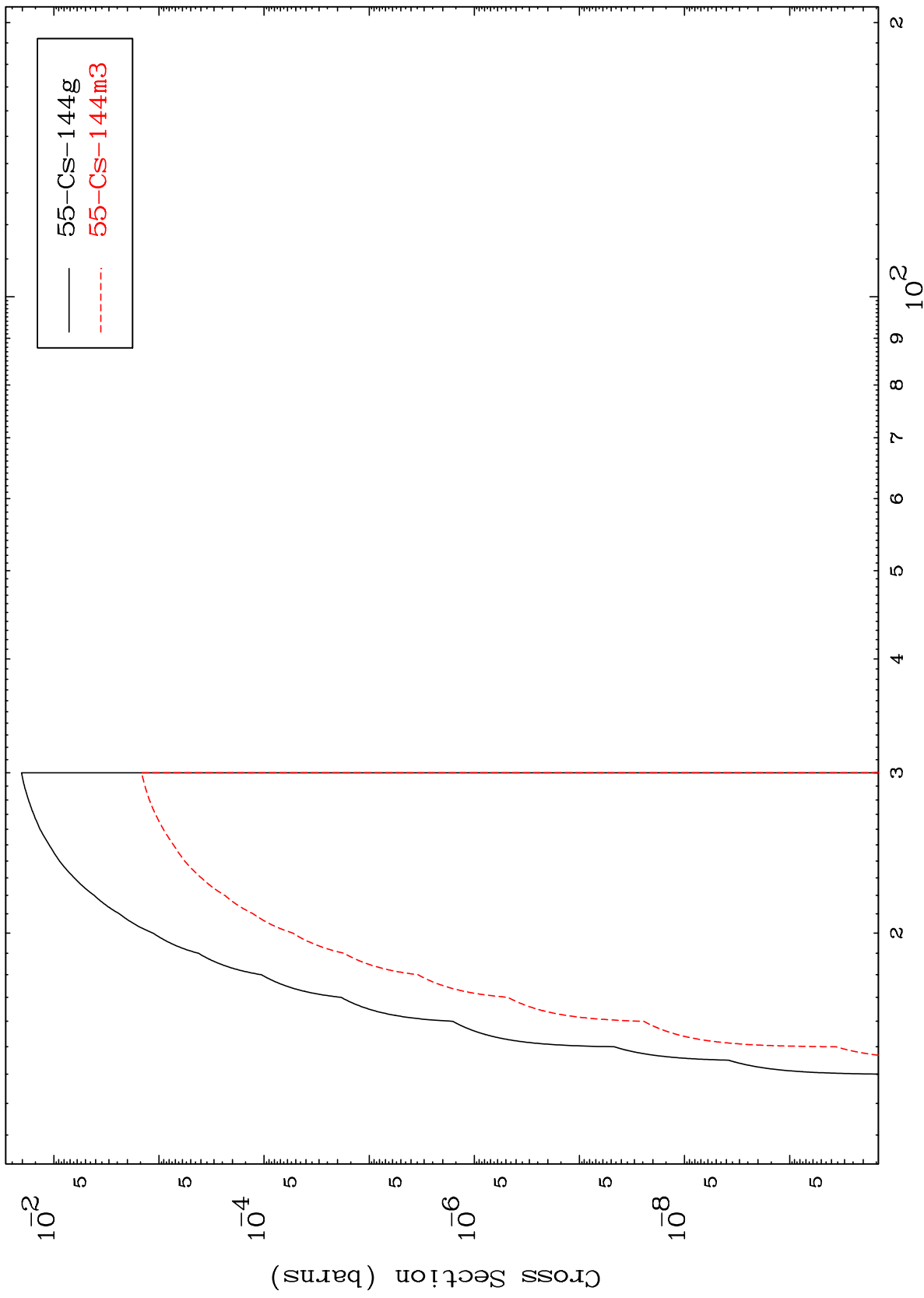
56-Ba-145



MAT 5670

56-Ba-145

(n, n') p
Radionuclide Production Cross Section



135

Incident Energy (MeV)

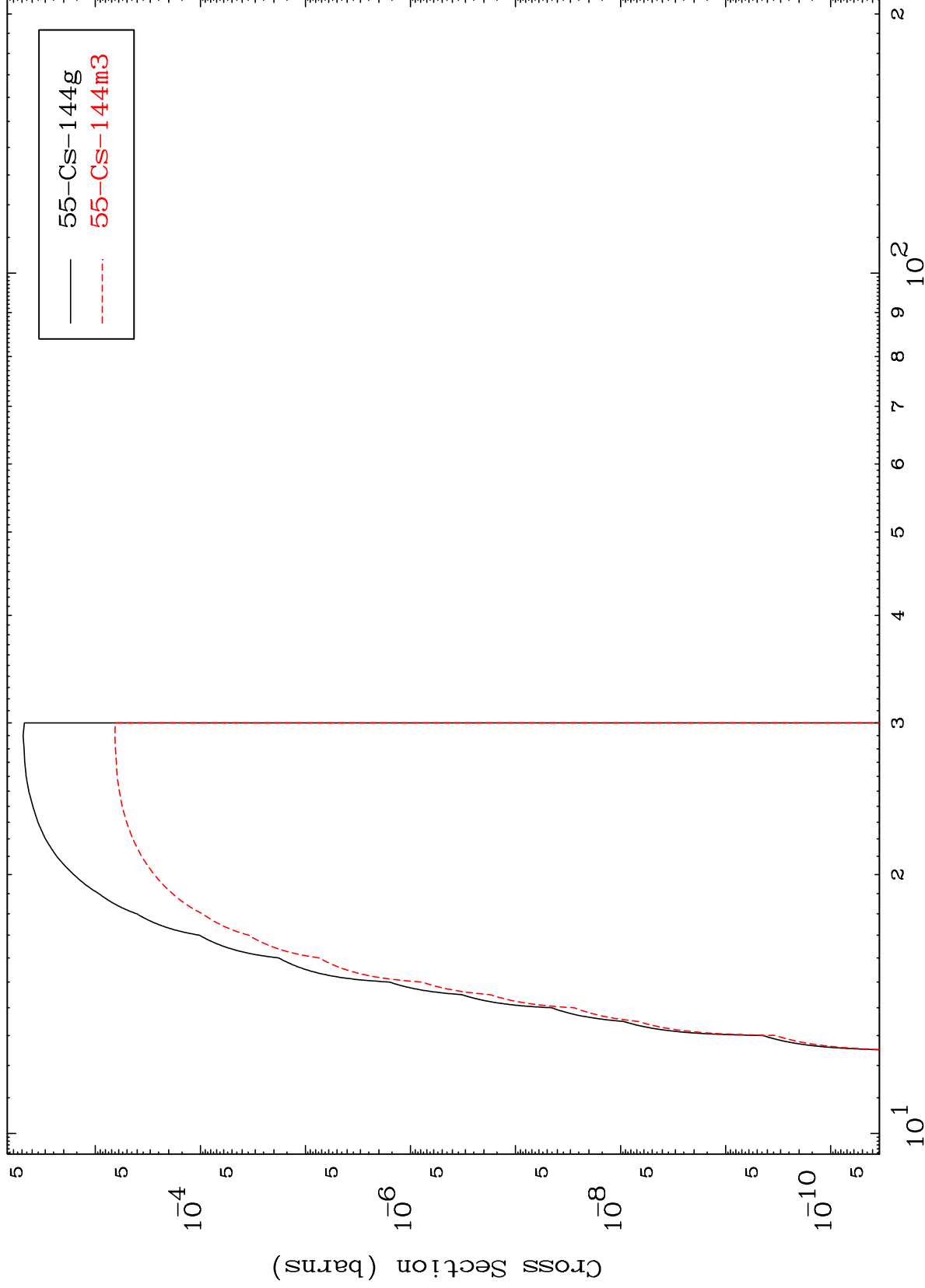
56-Ba-145

MAT 5670

(n,d)

56-Ba-145

Radionuclide Production Cross Section



136

Incident Energy (MeV)

56-Ba-145