

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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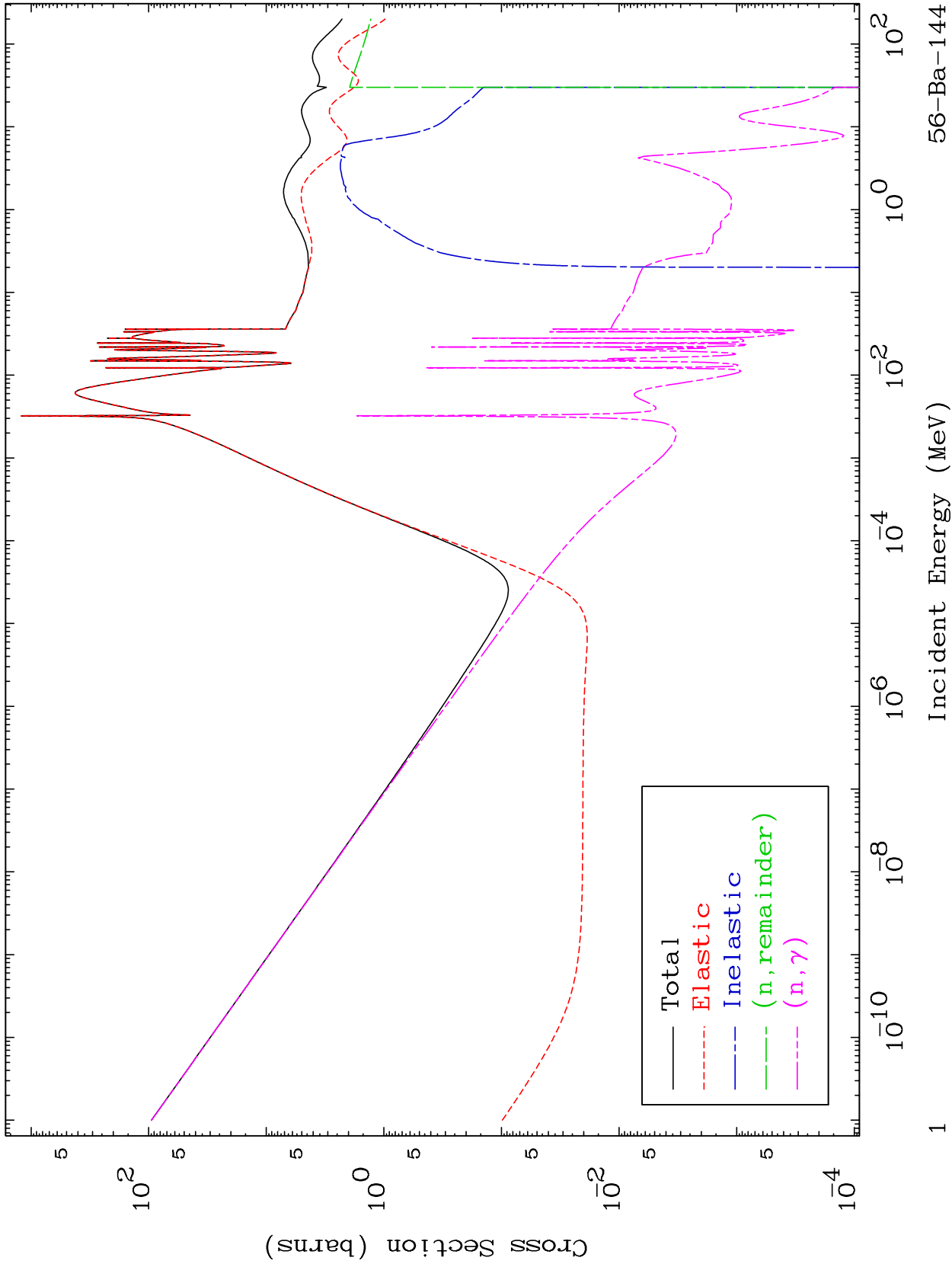
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

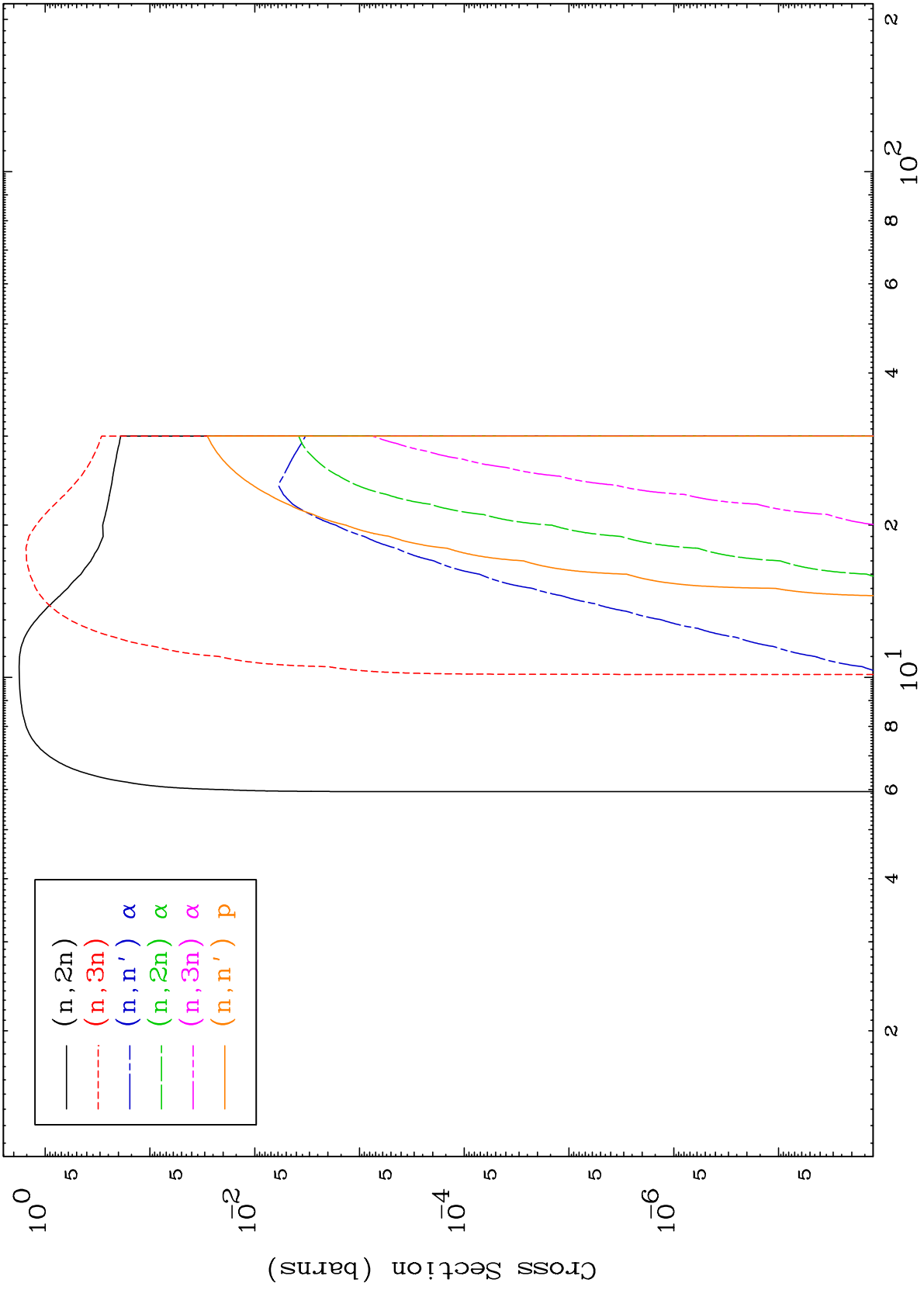
MAT 5667

Major
293 Kelvin Cross Sections

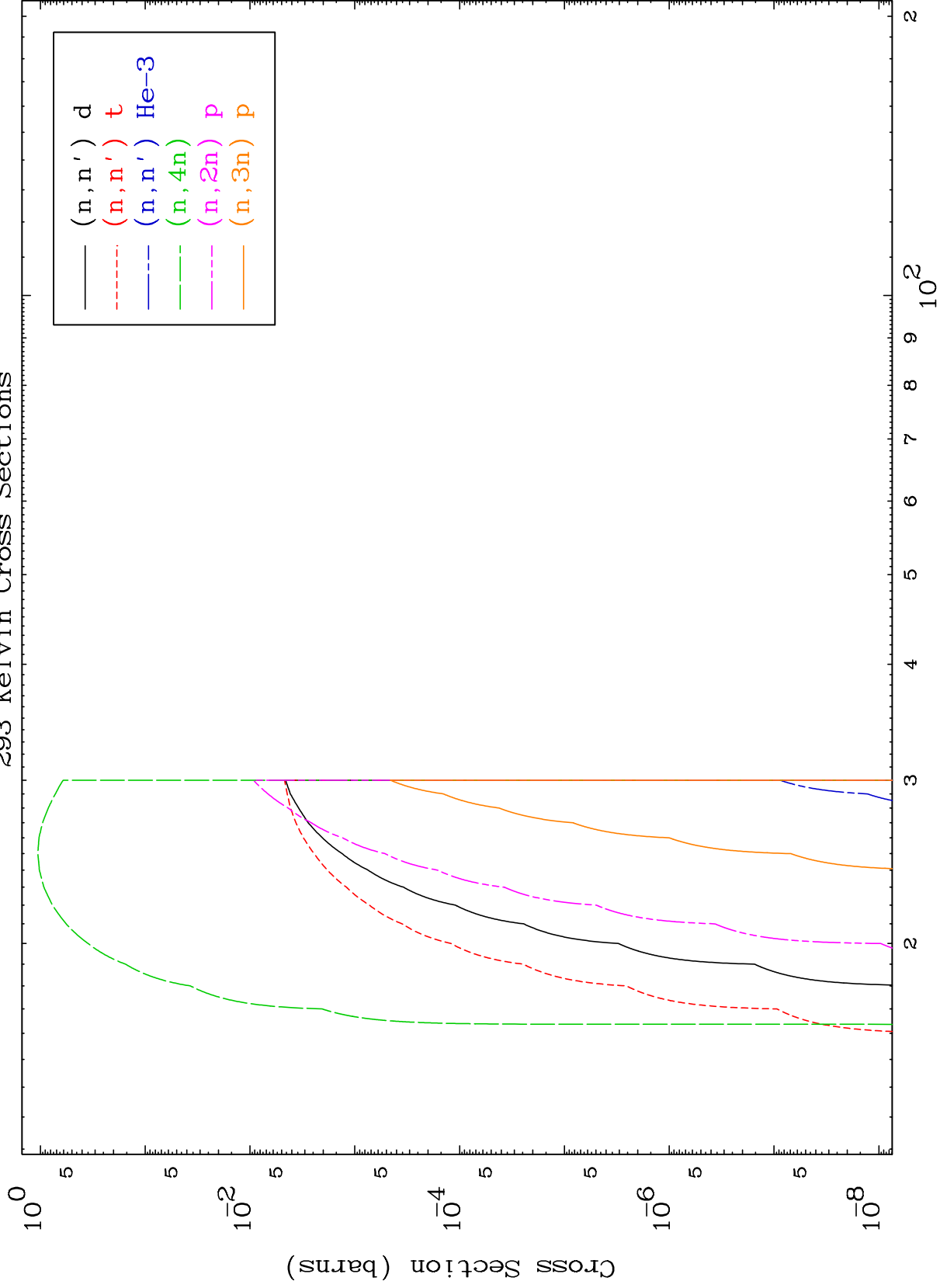
56-Ba-144

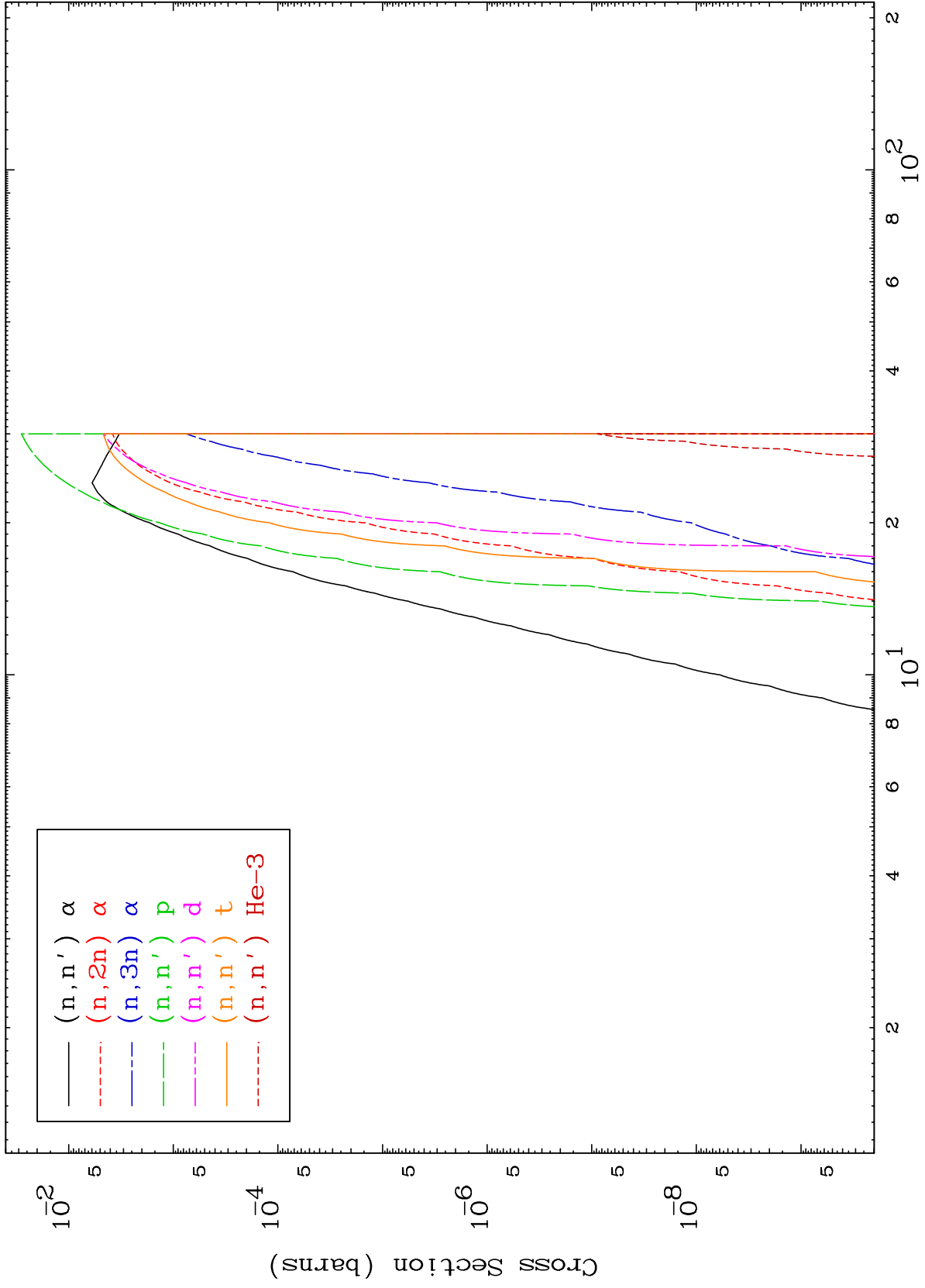


Neutron Production
293 Kelvin Cross Sections



Incident Energy (MeV)

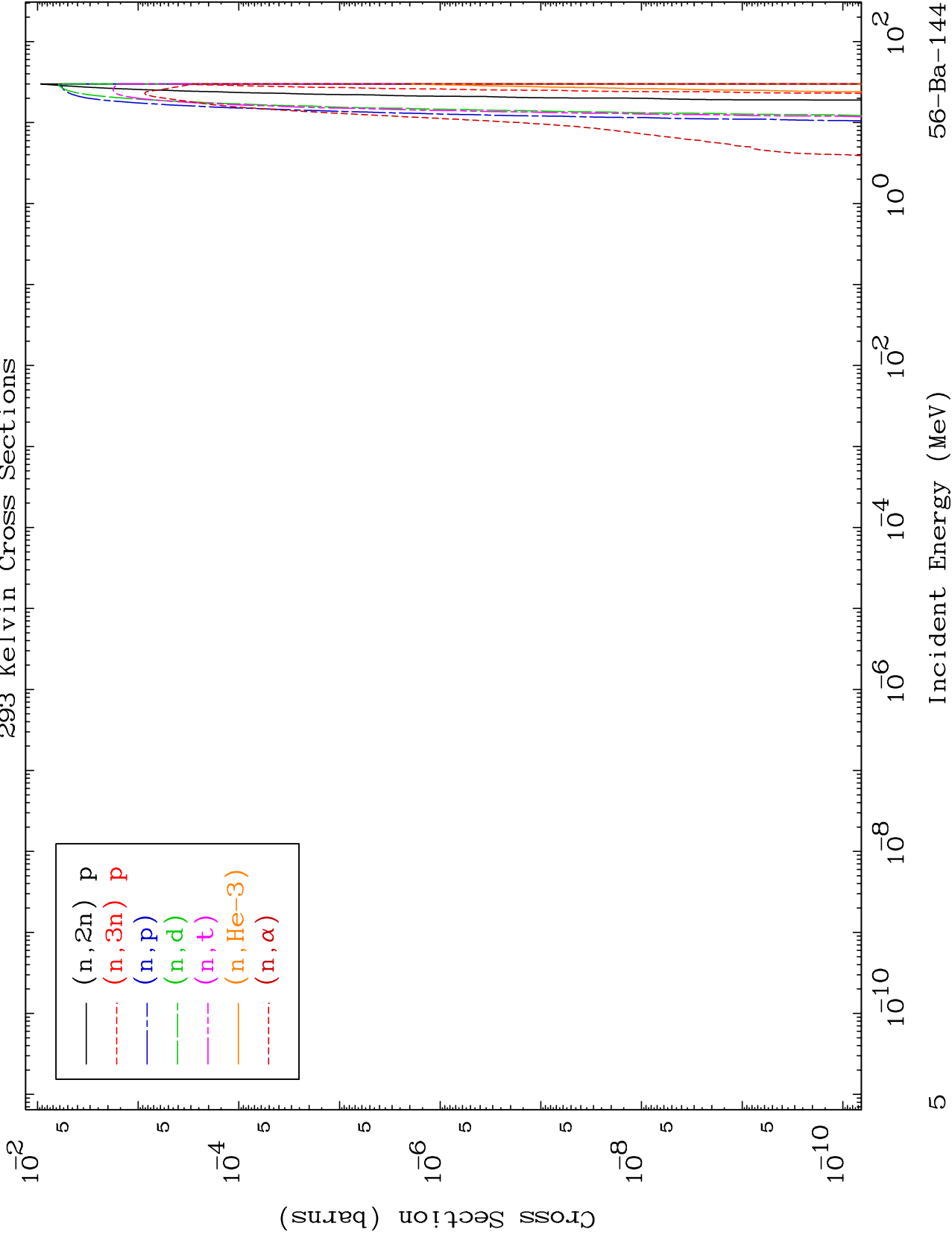




MAT 5667

Charged Particle
293 Kelvin Cross Sections

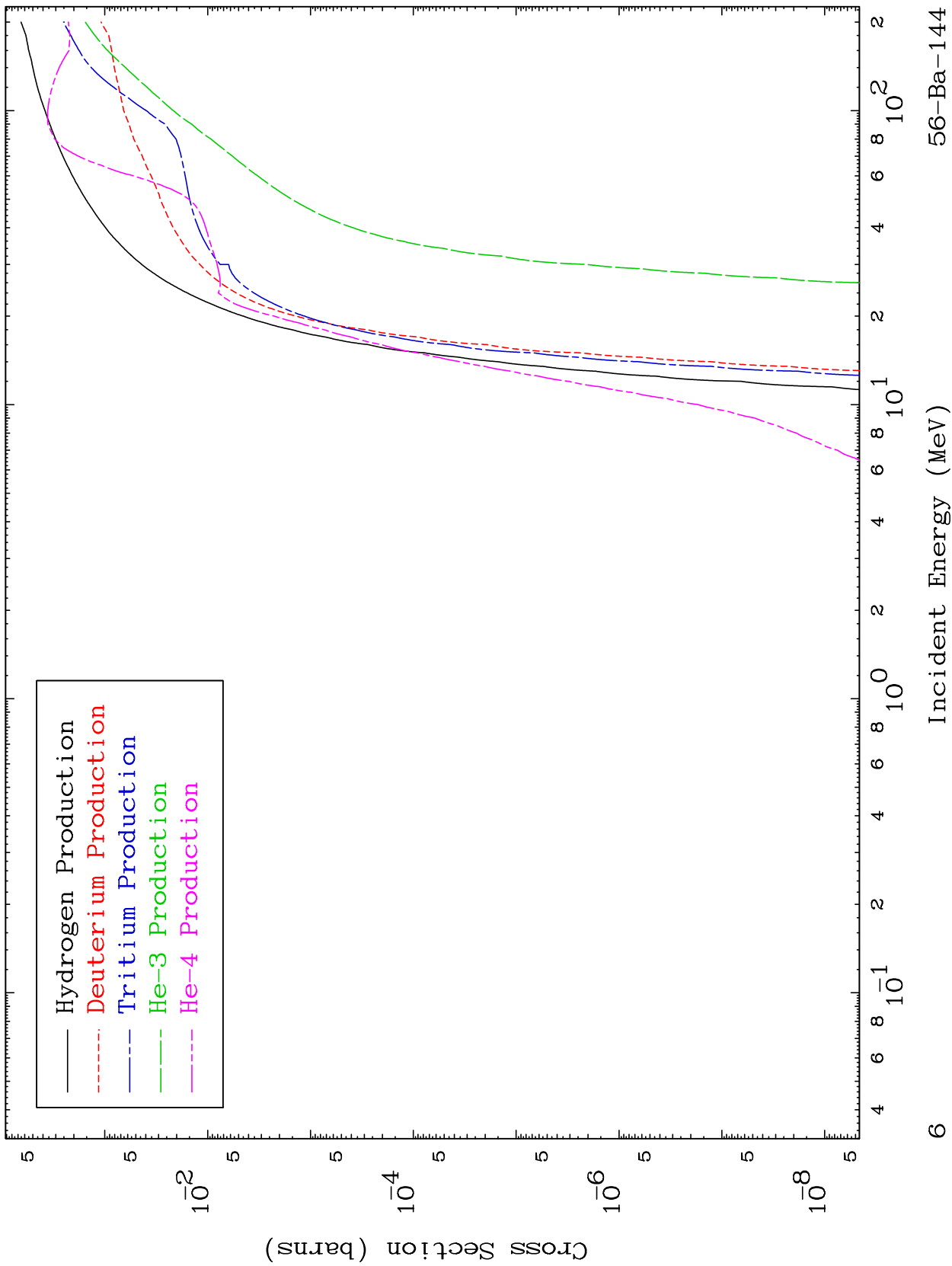
56-Ba-144



MAT 5667

Particle Production
293 Kelvin Cross Sections

56-Ba-144



56-Ba-144

Incident Energy (MeV)

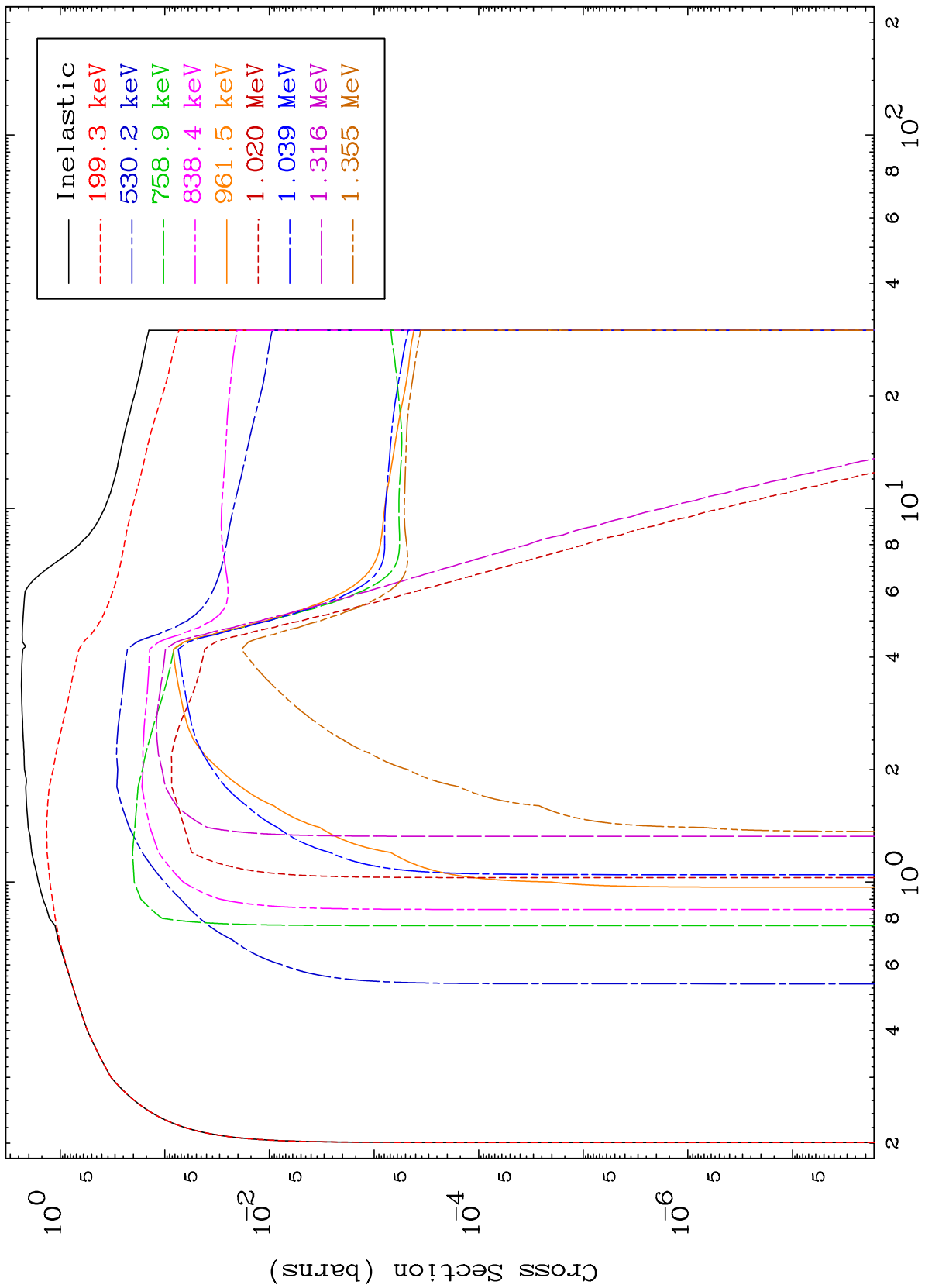
6

MAT 5667

(n,n') Level

56-Ba-144

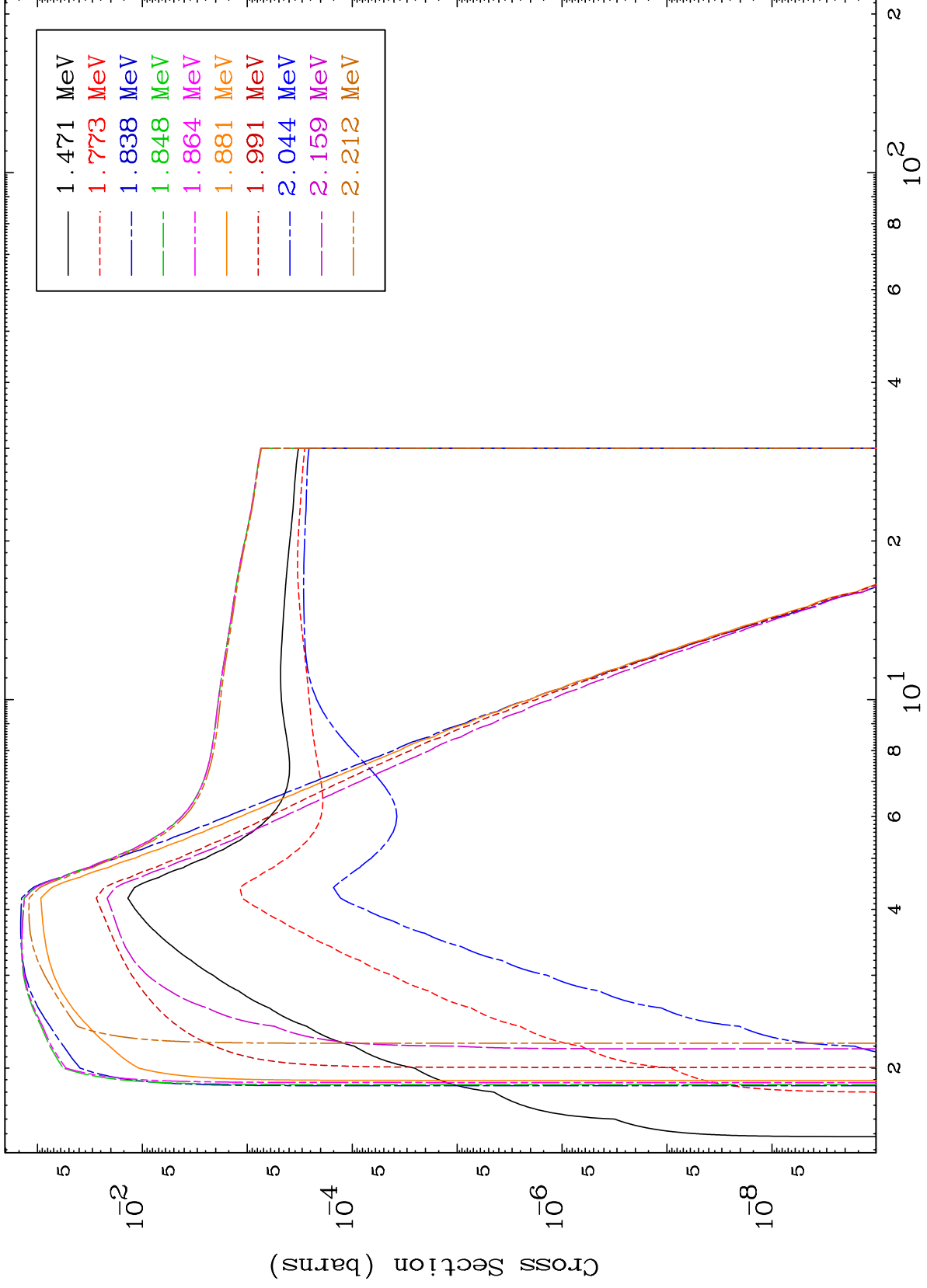
293 Kelvin Cross Sections



MAT 5667

(n,n') Level
293 Kelvin Cross Sections

56-Ba-144

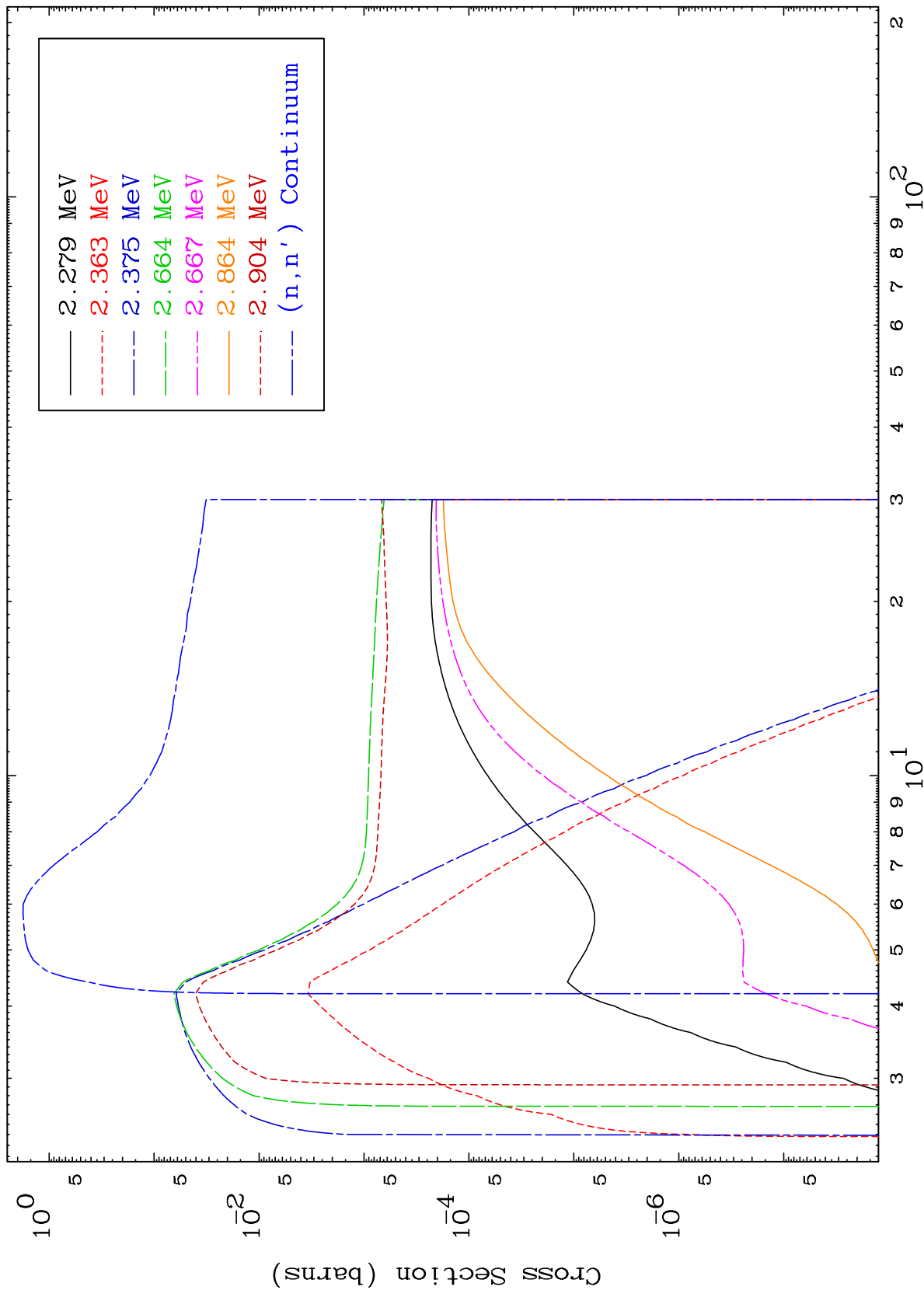


8

Incident Energy (MeV)

56-Ba-144

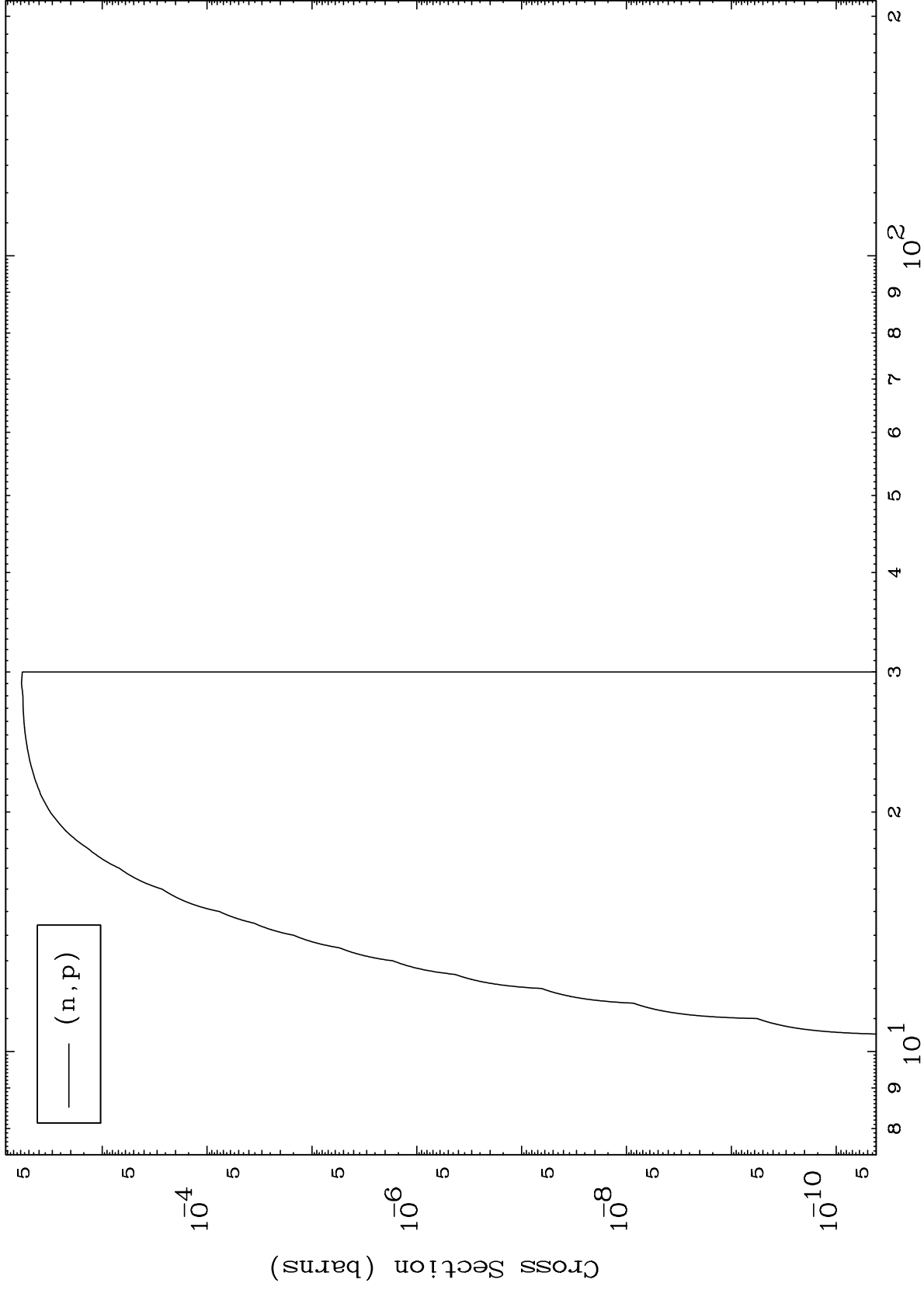
293 Kelvin Cross Sections



MAT 5667

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-144



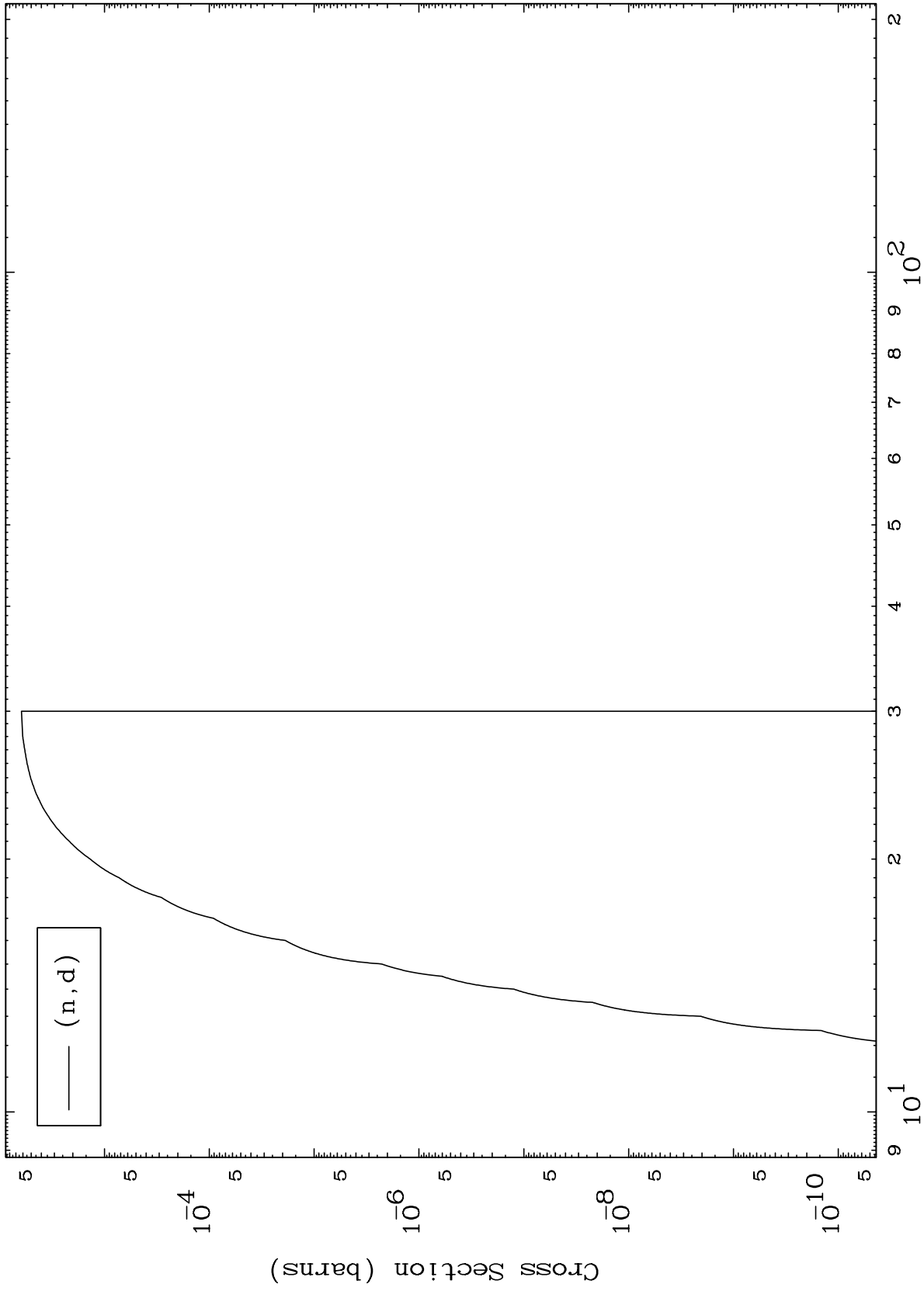
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-144



11

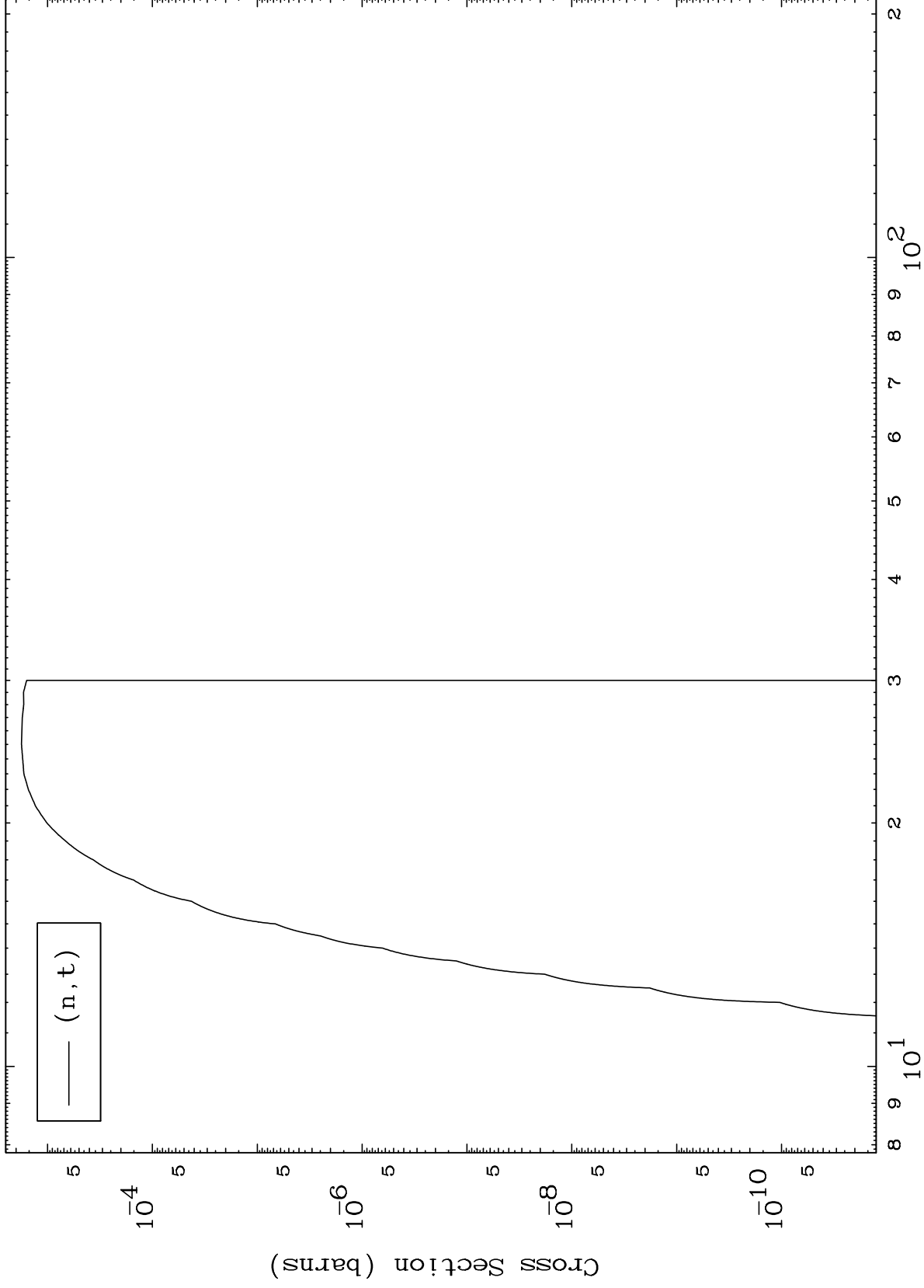
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-144



12

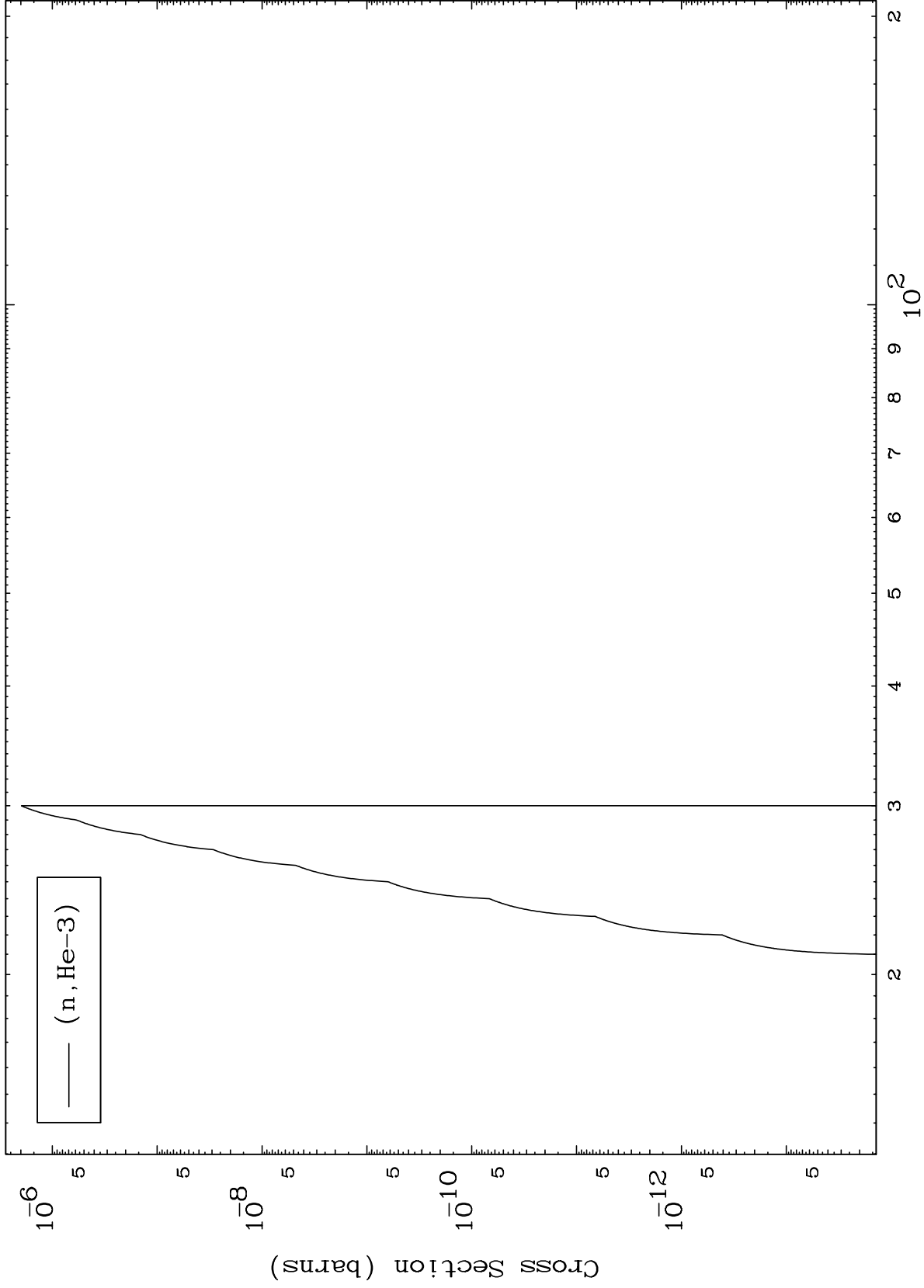
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-144



13

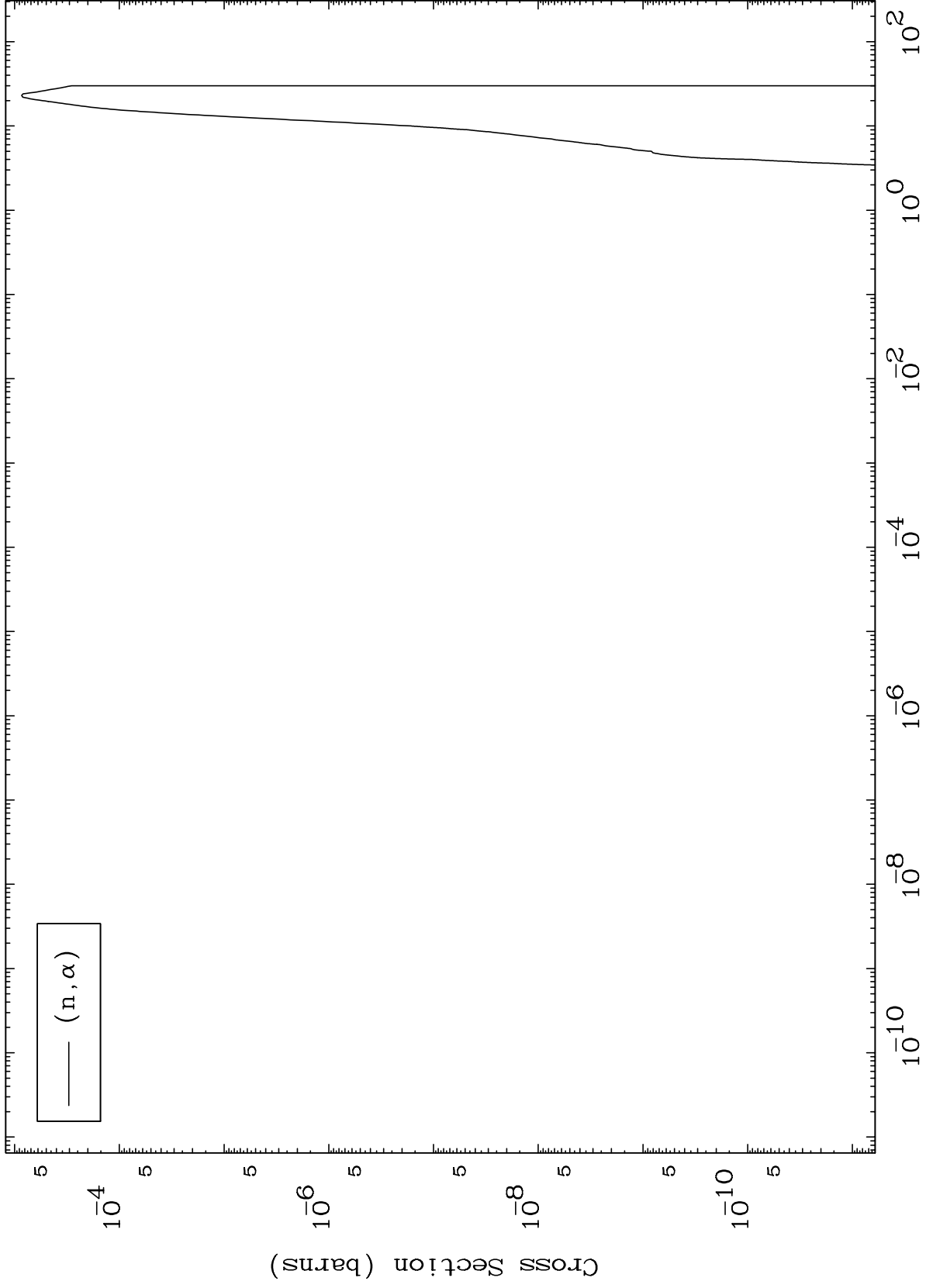
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n, α) Levels
293 Kelvin Cross Sections

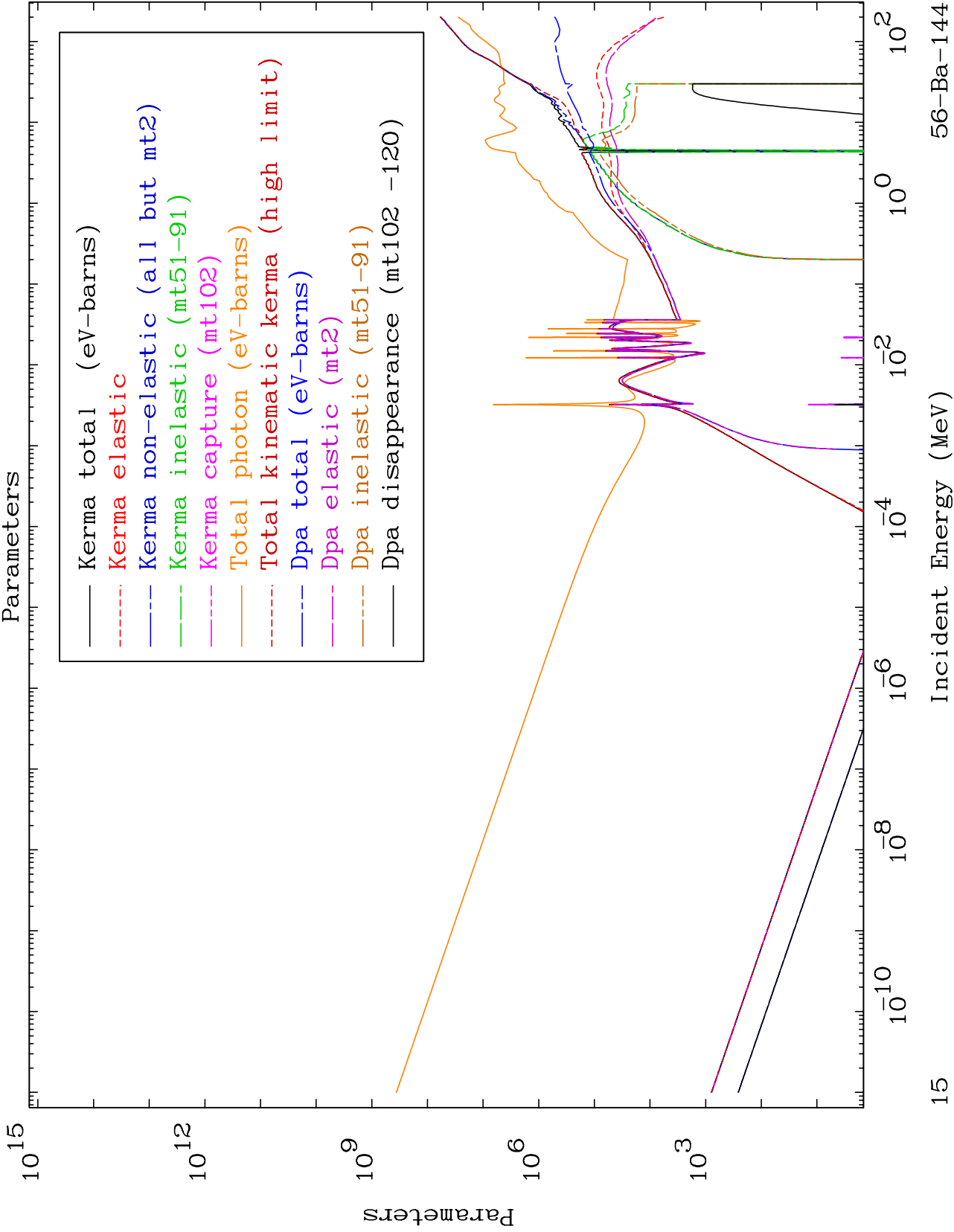
56-Ba-144



14

Incident Energy (MeV)

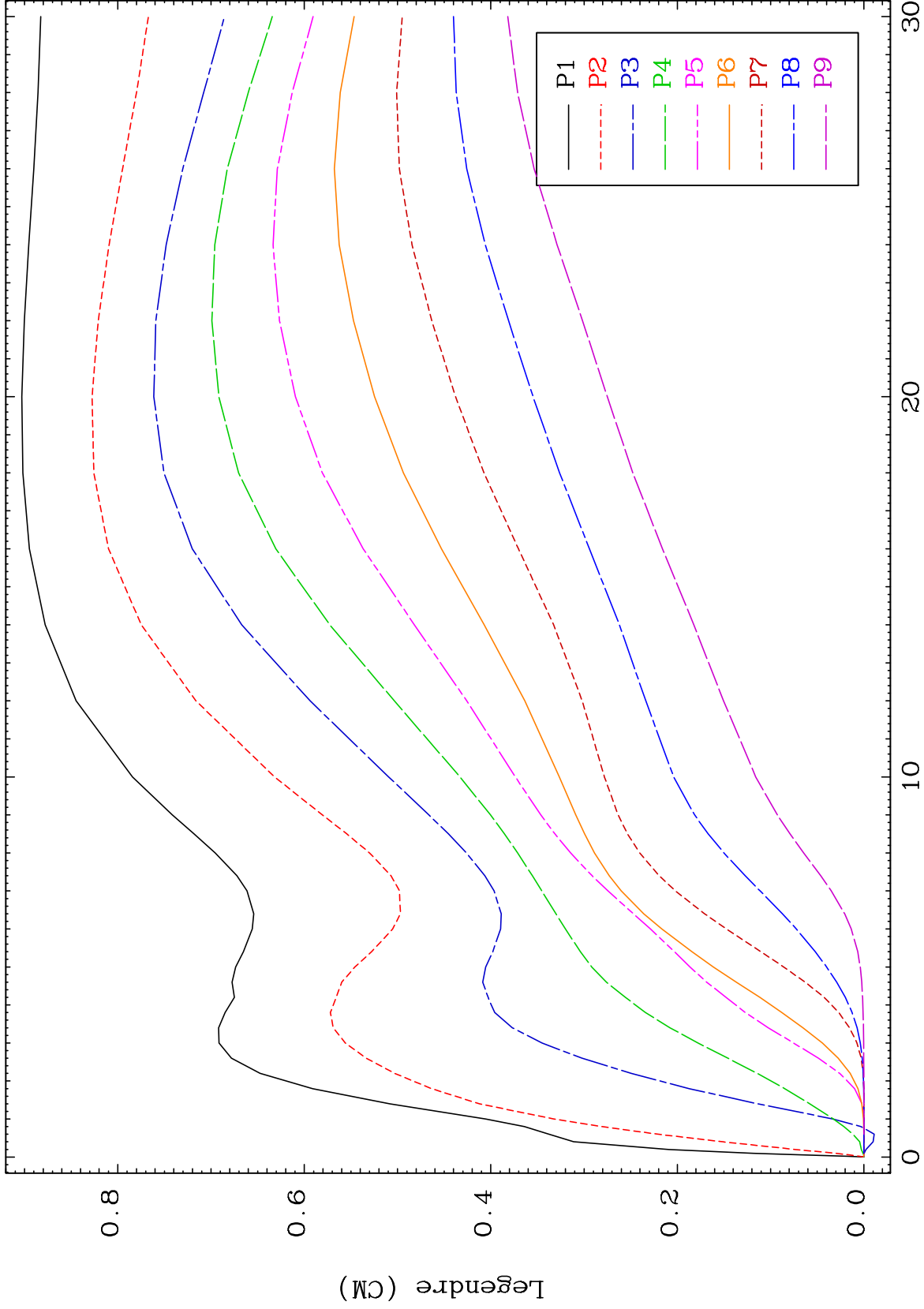
56-Ba-144



MAT 5667

Elastic Legendre Coefficients

56-Ba-144



56-Ba-144

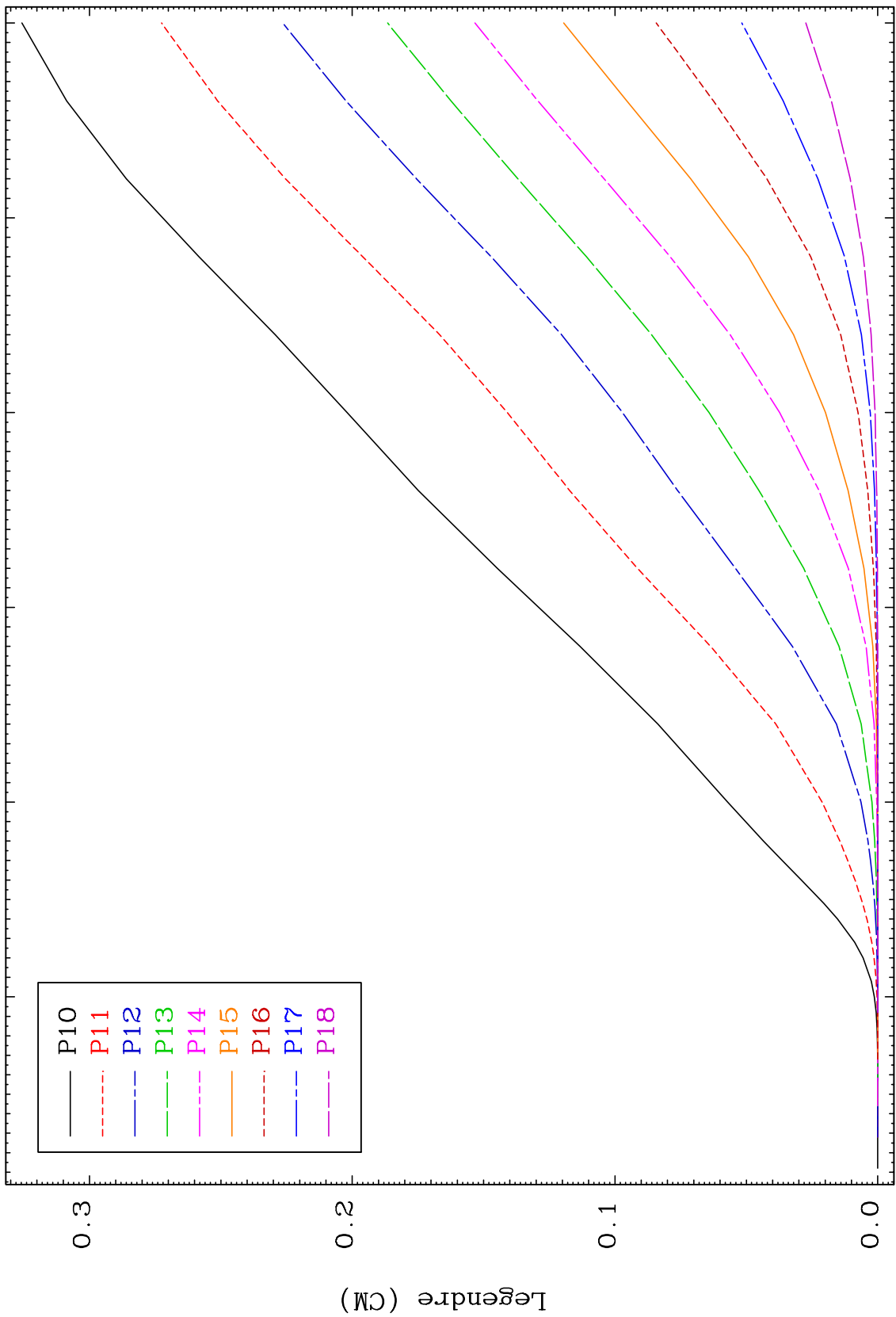
Incident Energy (MeV)

16

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



17

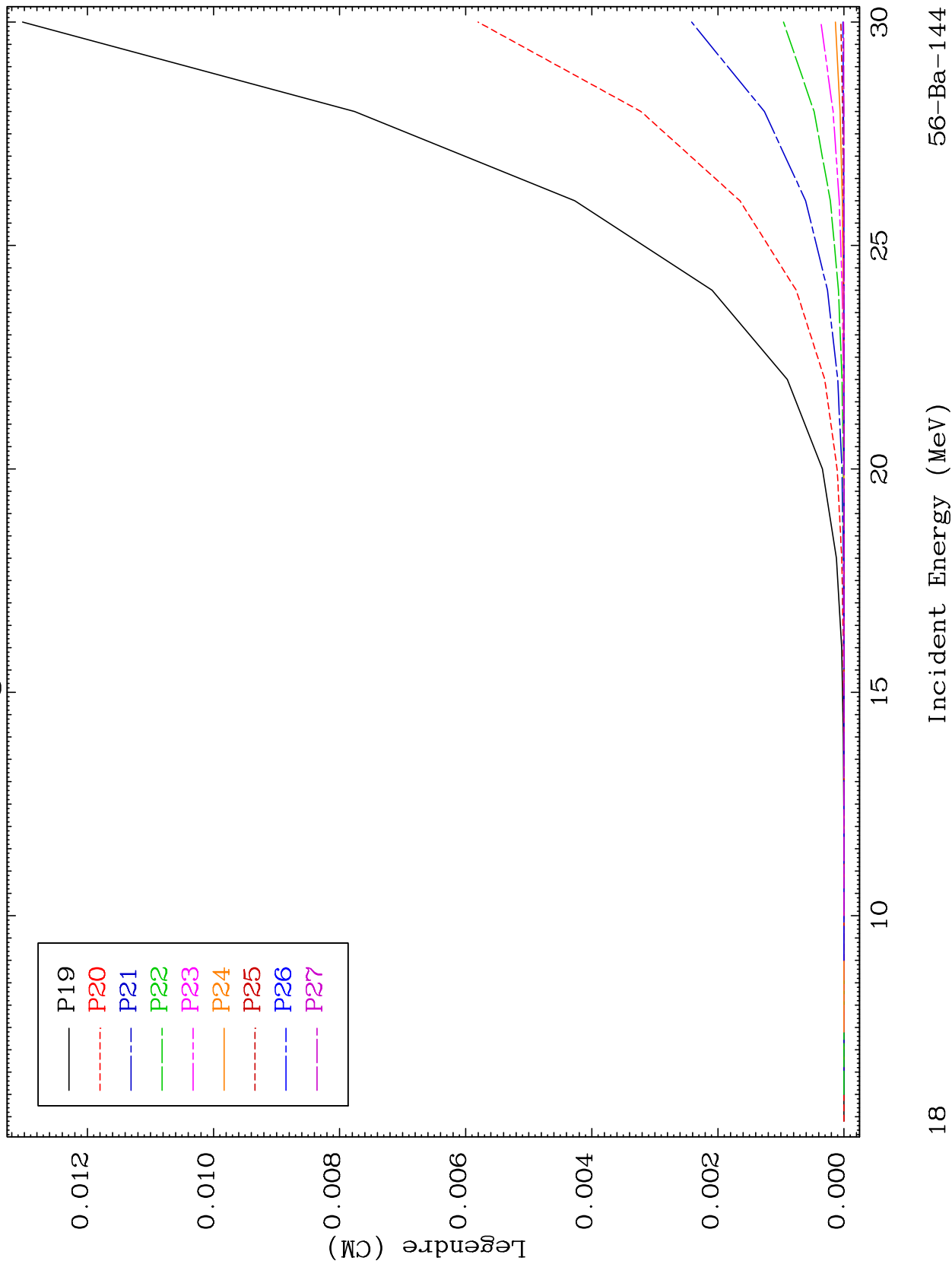
56-Ba-144

Incident Energy (MeV)

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



18

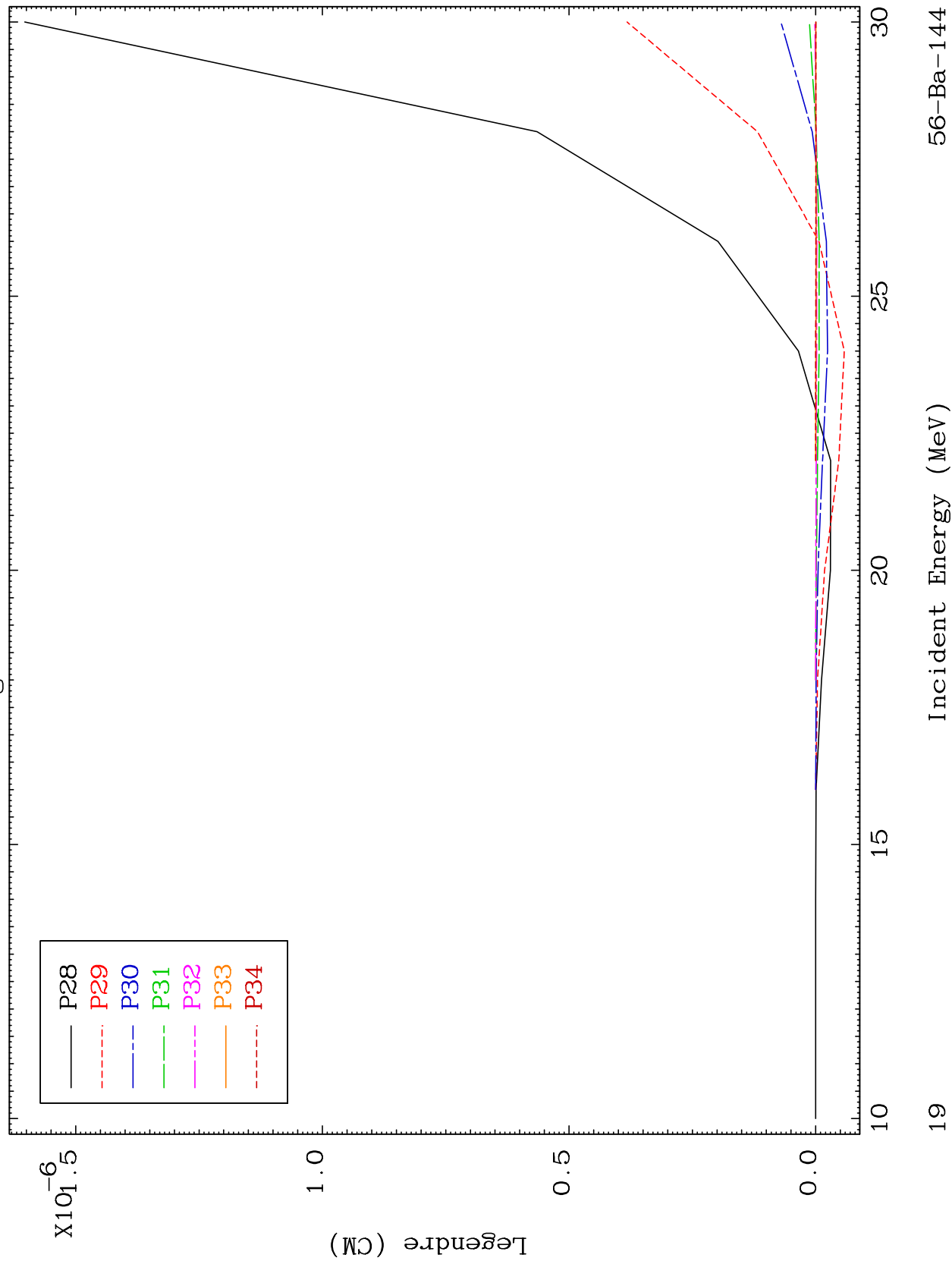
Incident Energy (MeV)

56-Ba-144

MAT 5667

Elastic
Legendre Coefficients

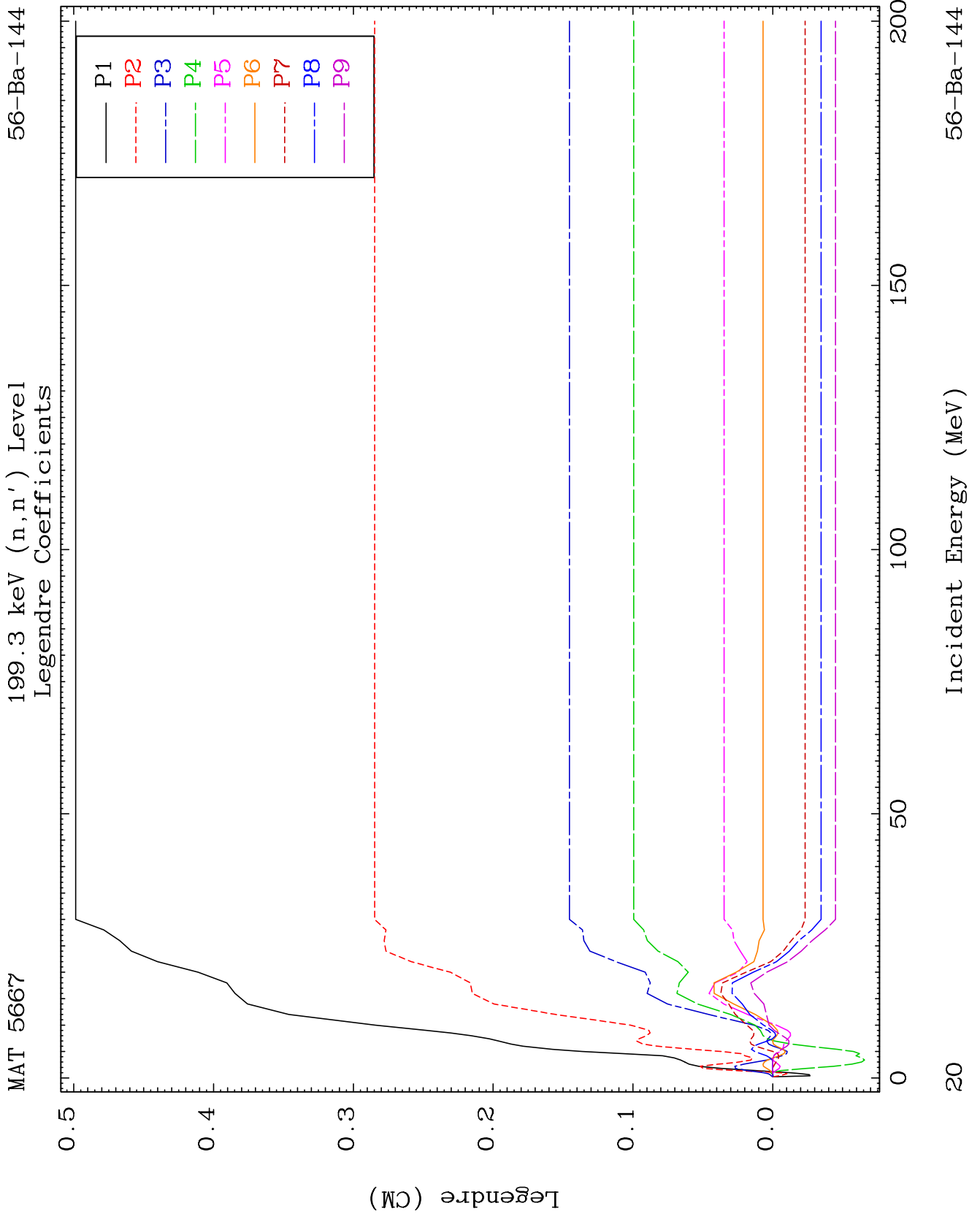
56-Ba-144



19

Incident Energy (MeV)

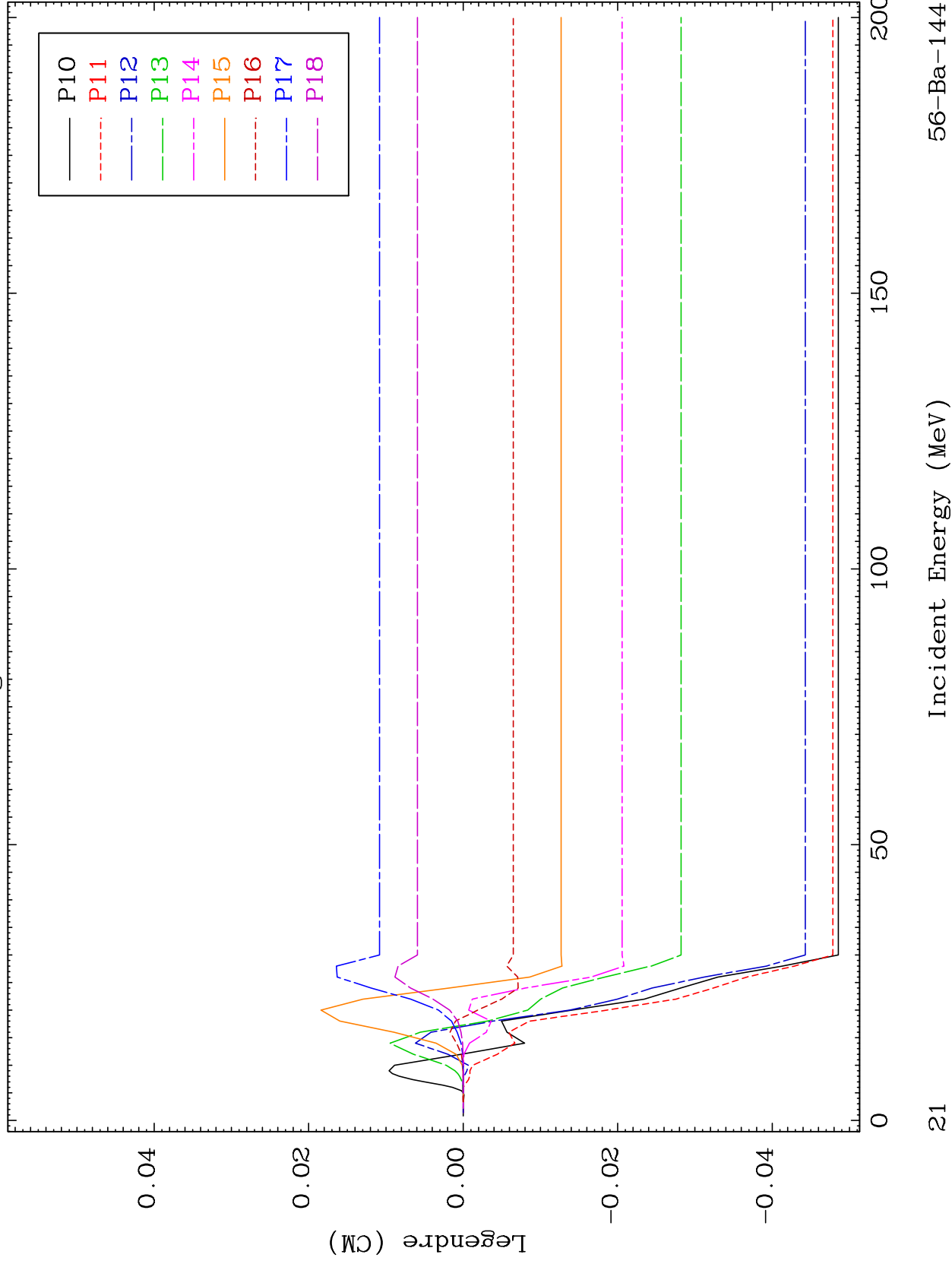
56-Ba-144



MAT 5667

199.3 keV (n,n') Level
Legendre Coefficients

56-Ba-144



21

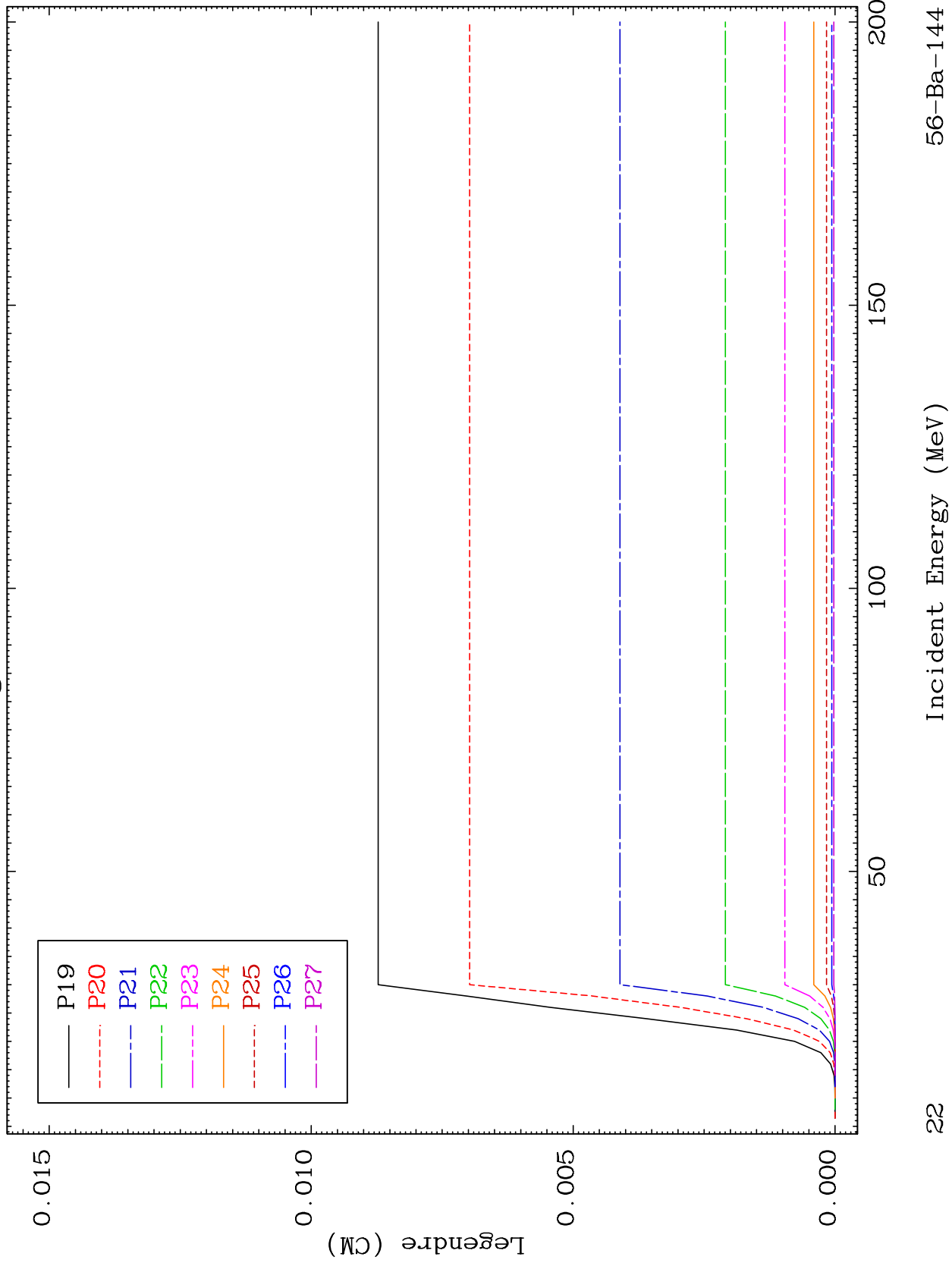
Incident Energy (MeV)

56-Ba-144

MAT 5667

199.3 keV (n,n') Level
Legendre Coefficients

56-Ba-144



22

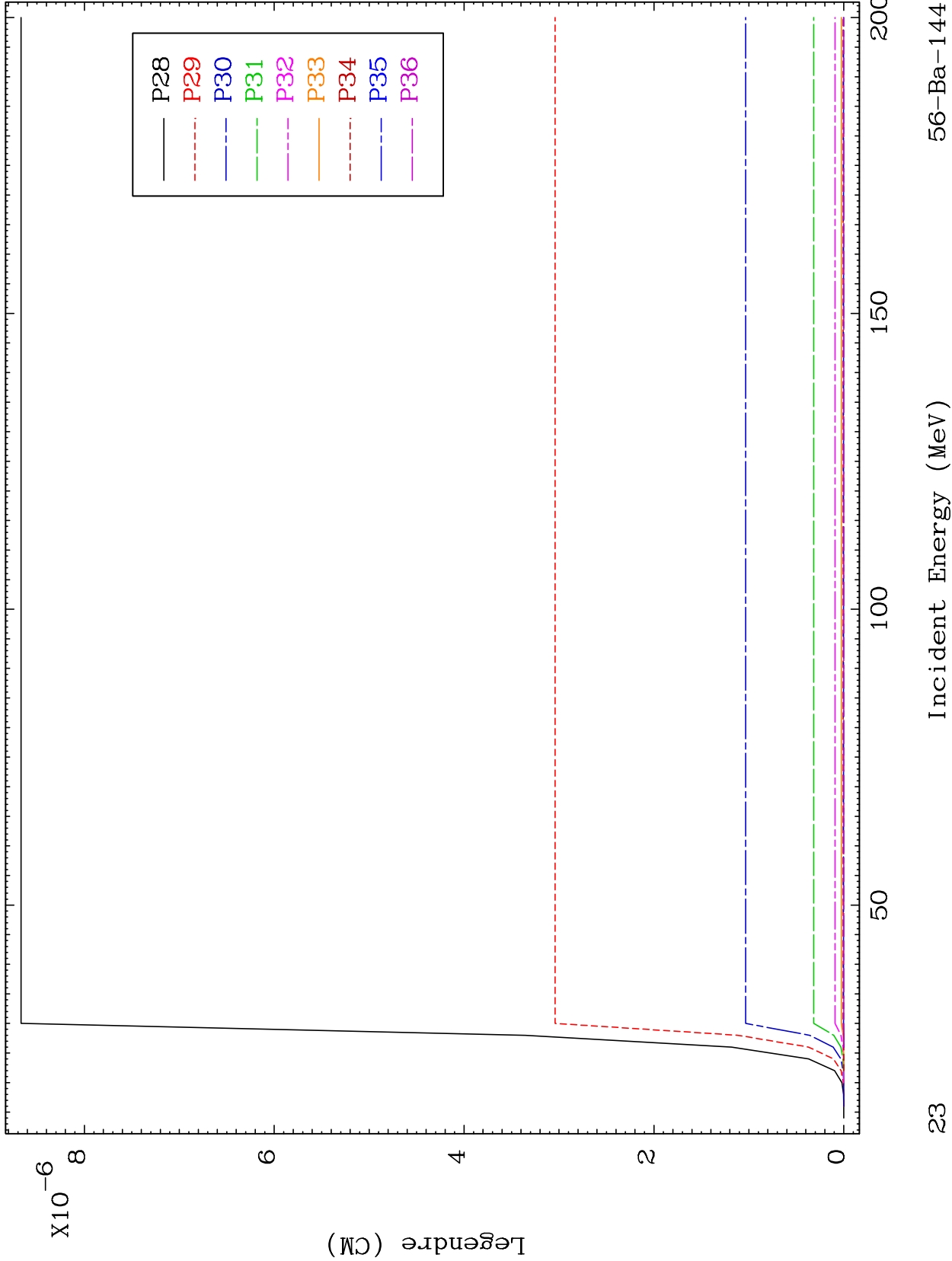
Incident Energy (MeV)

56-Ba-144

MAT 5667

199.3 keV (n,n') Level
Legendre Coefficients

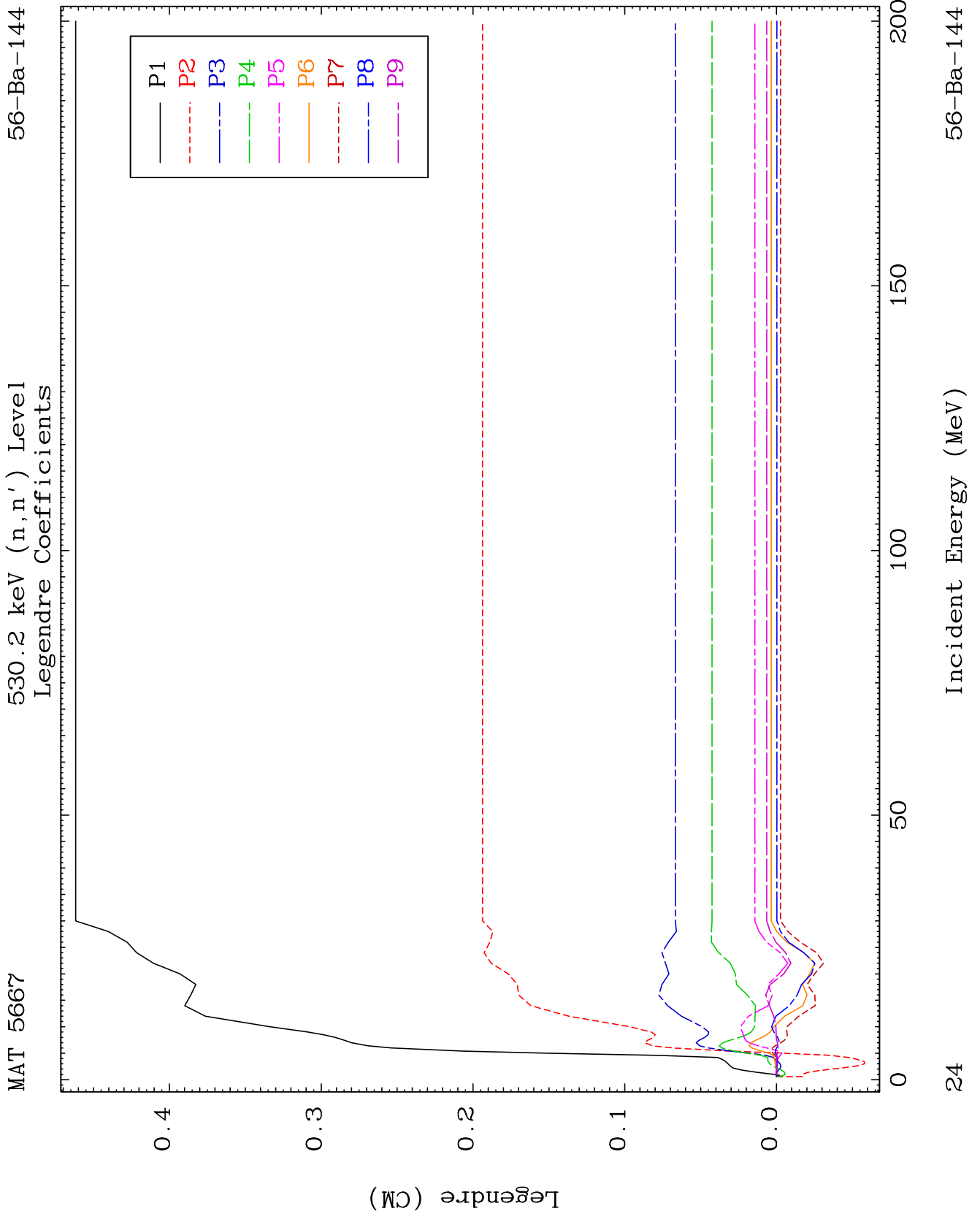
56-Ba-144



23

Incident Energy (MeV)

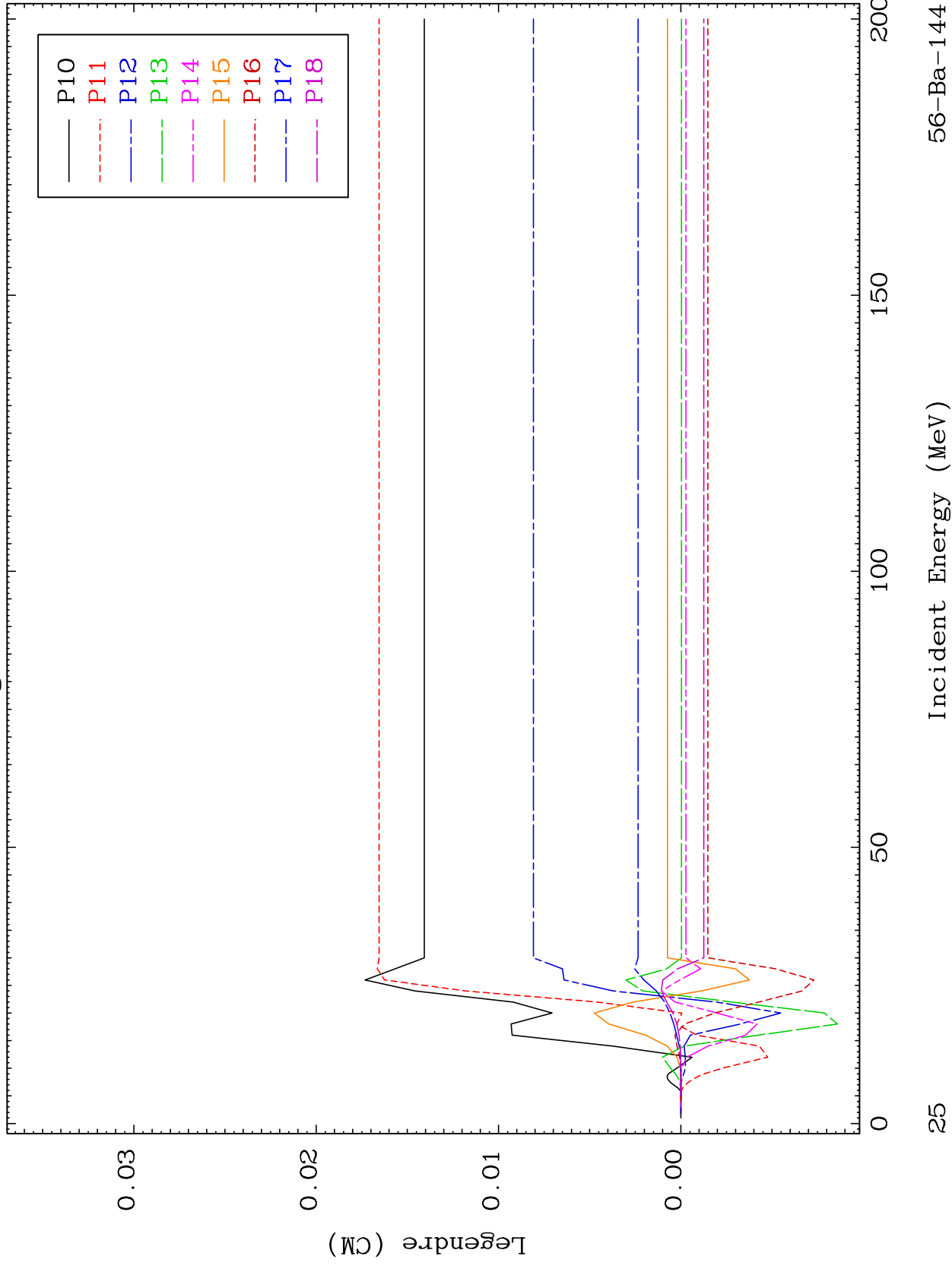
56-Ba-144



MAT 5667

530.2 keV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

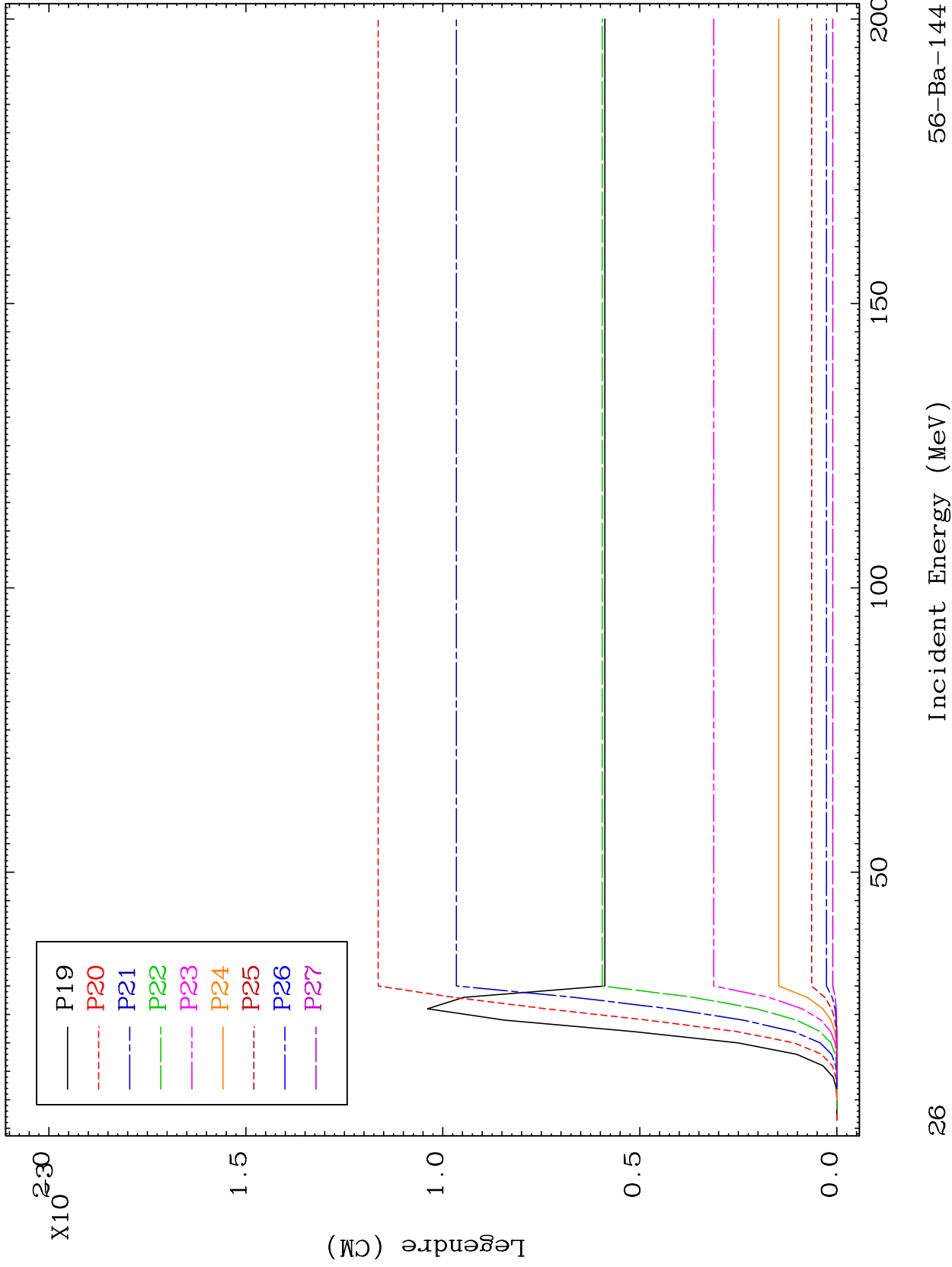
Incident Energy (MeV)

25

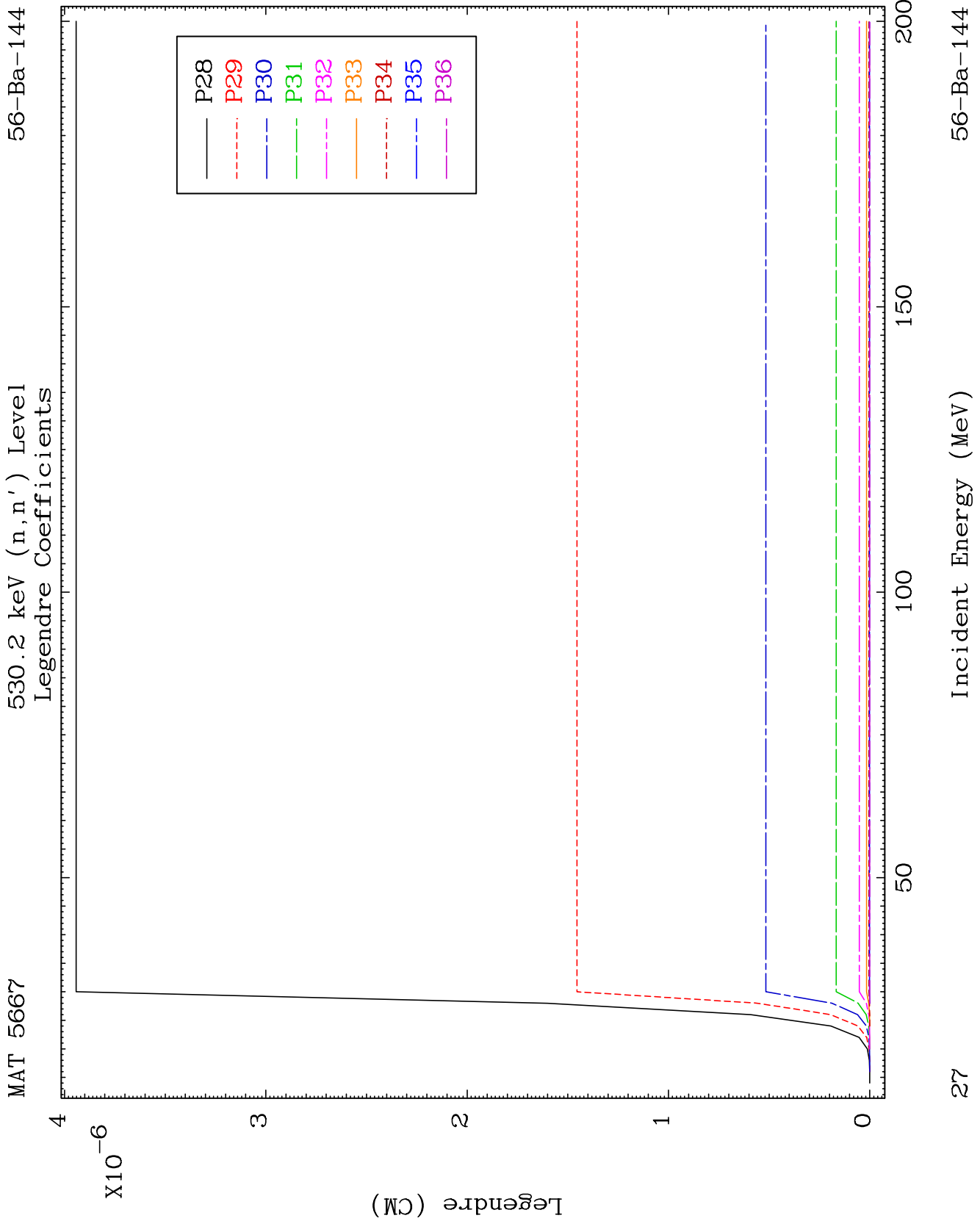
MAT 5667

530.2 keV (n,n') Level
Legendre Coefficients

56-Ba-144



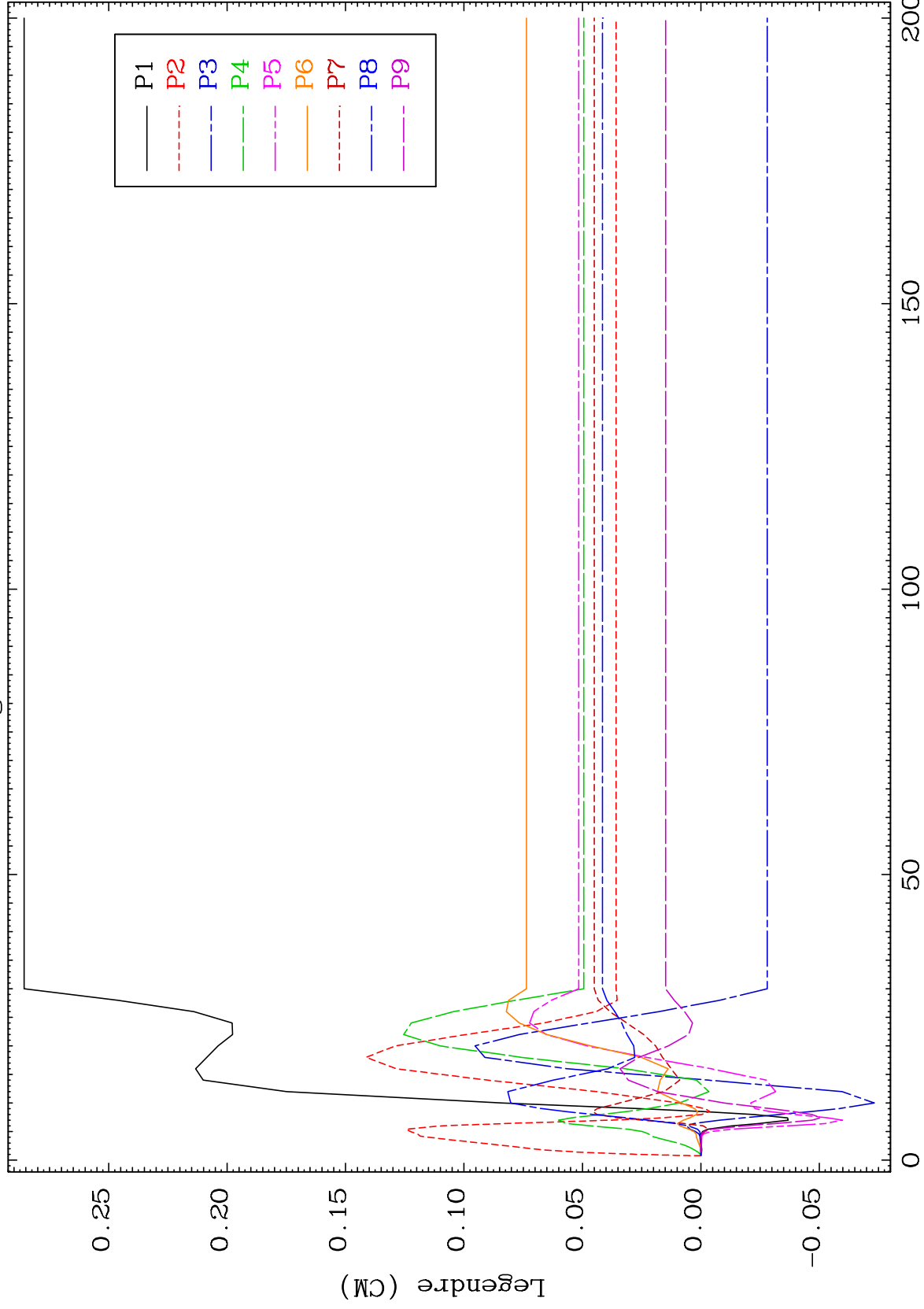
26



MAT 5667

758.9 keV (n,n') Level
Legendre Coefficients

56-Ba-144



28

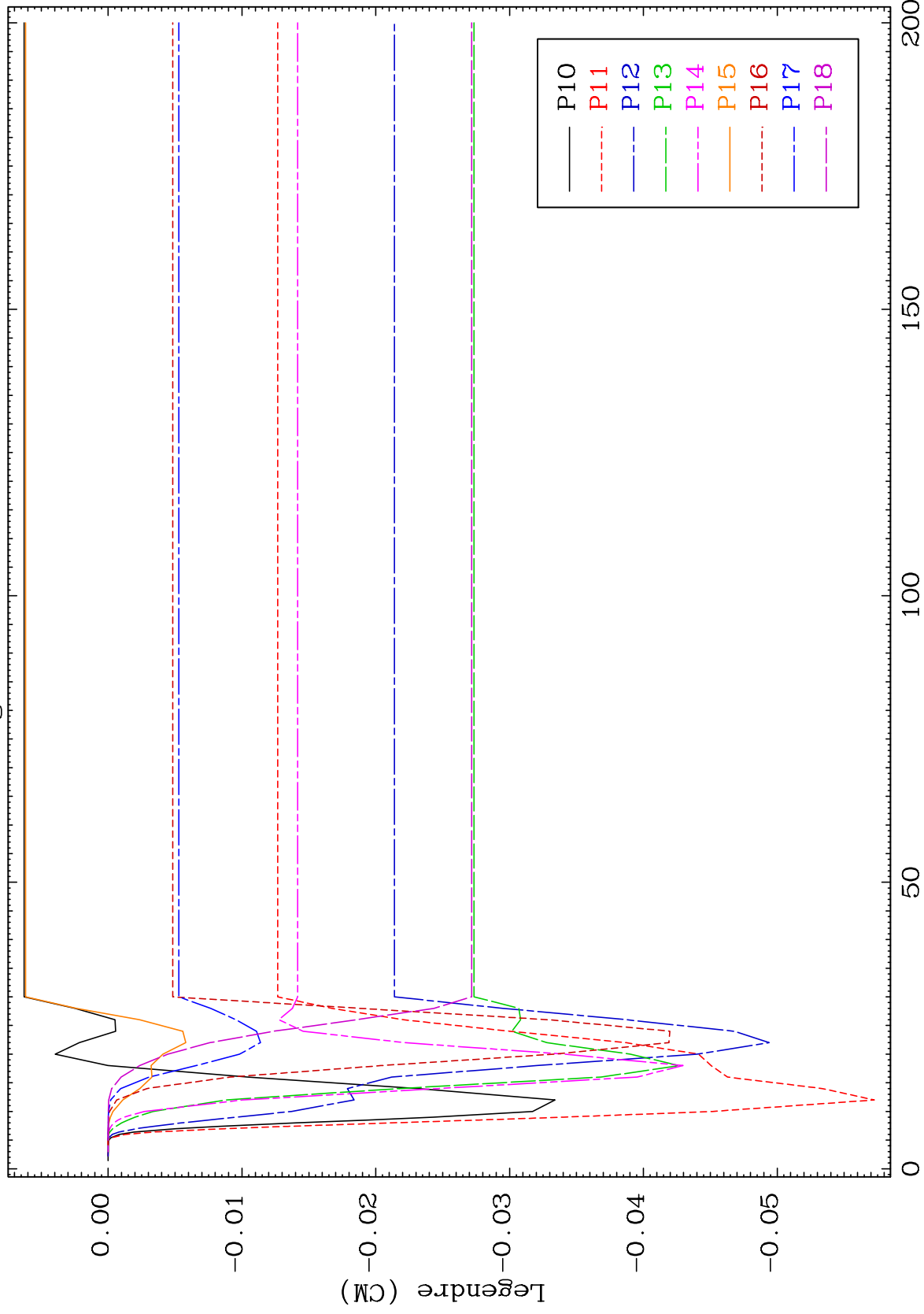
Incident Energy (MeV)

56-Ba-144

MAT 5667

758.9 keV (n,n') Level
Legendre Coefficients

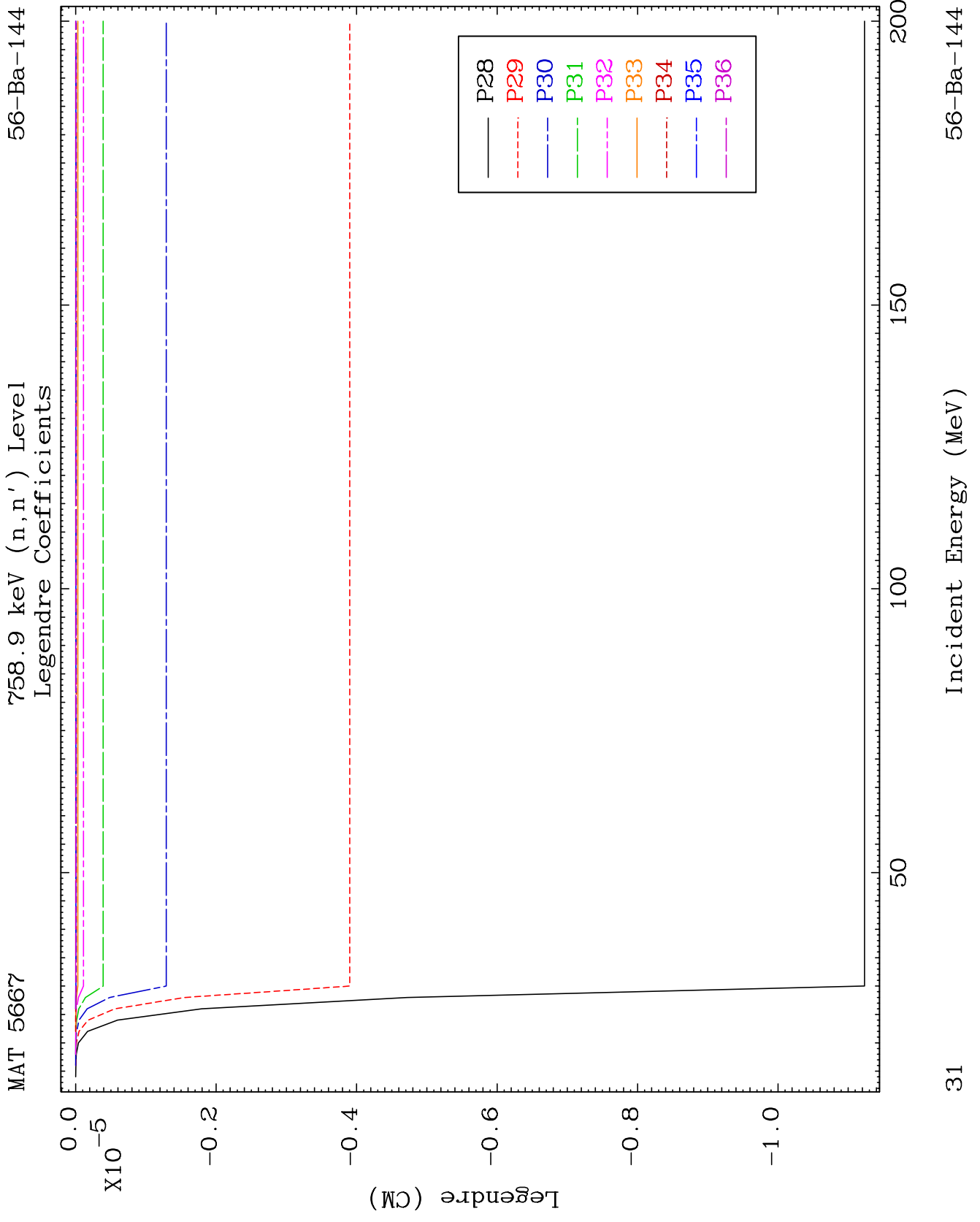
56-Ba-144



29

Incident Energy (MeV)

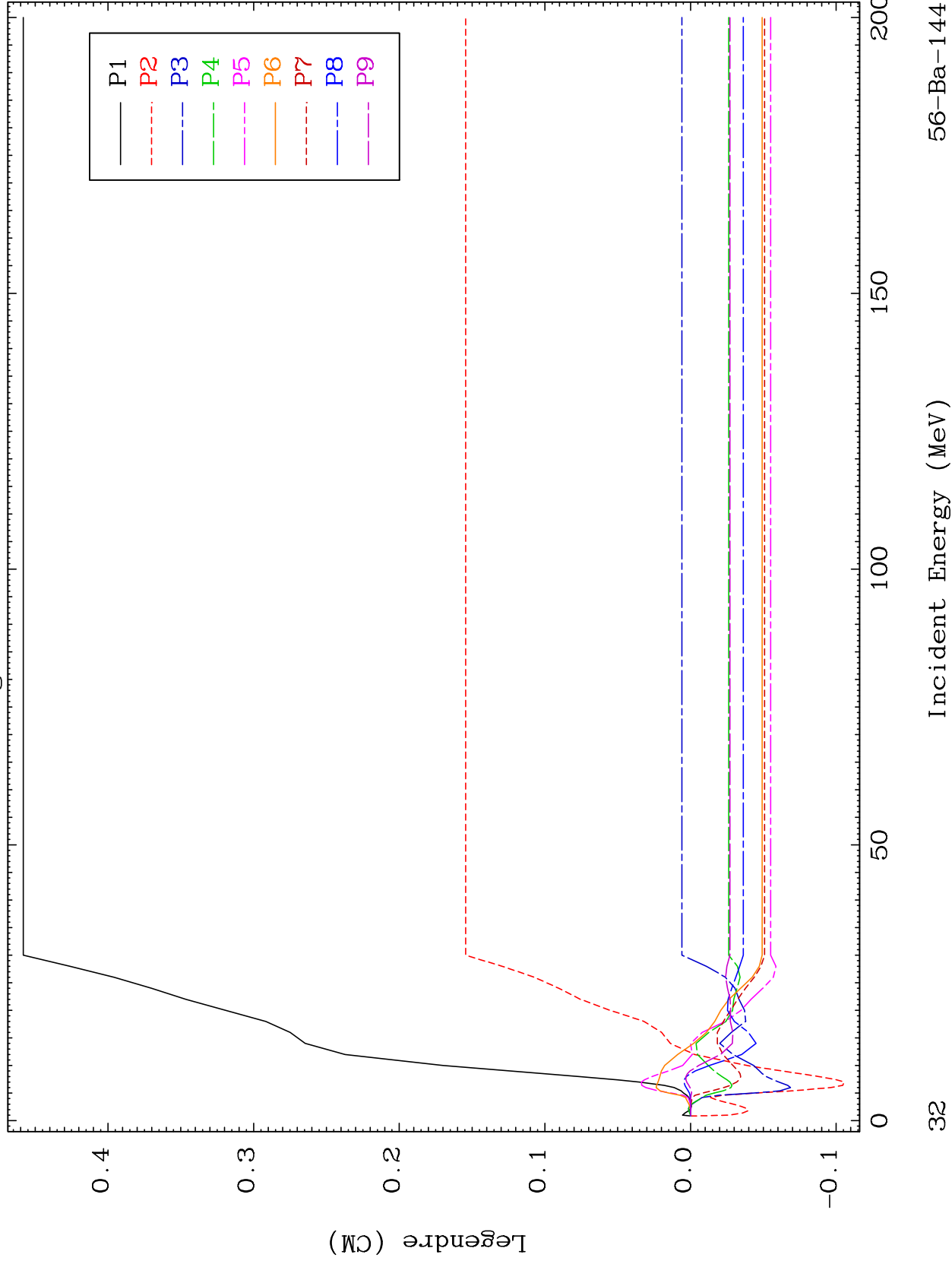
56-Ba-144



MAT 5667

838.4 keV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

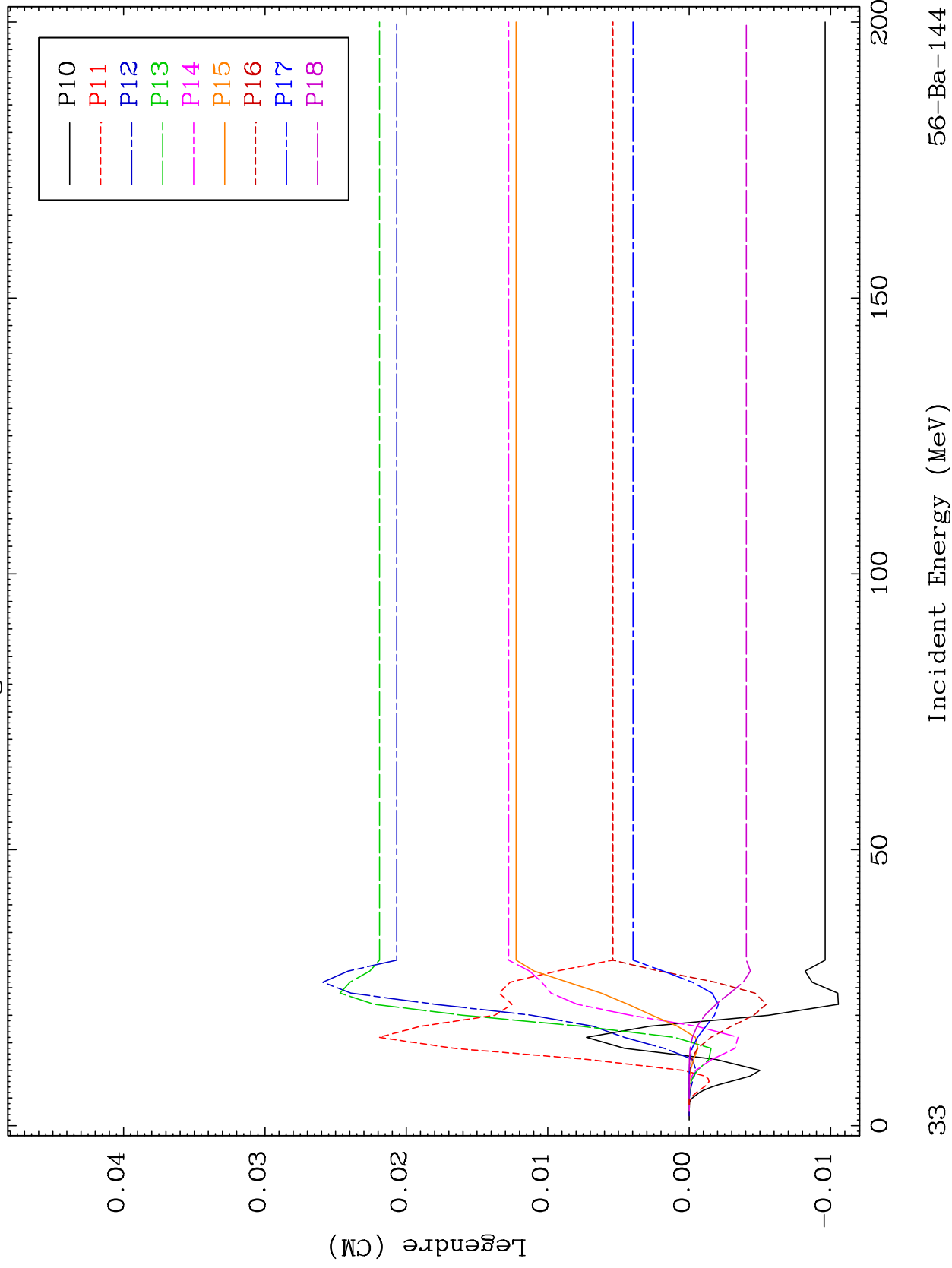
Incident Energy (MeV)

32

MAT 5667

838.4 keV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

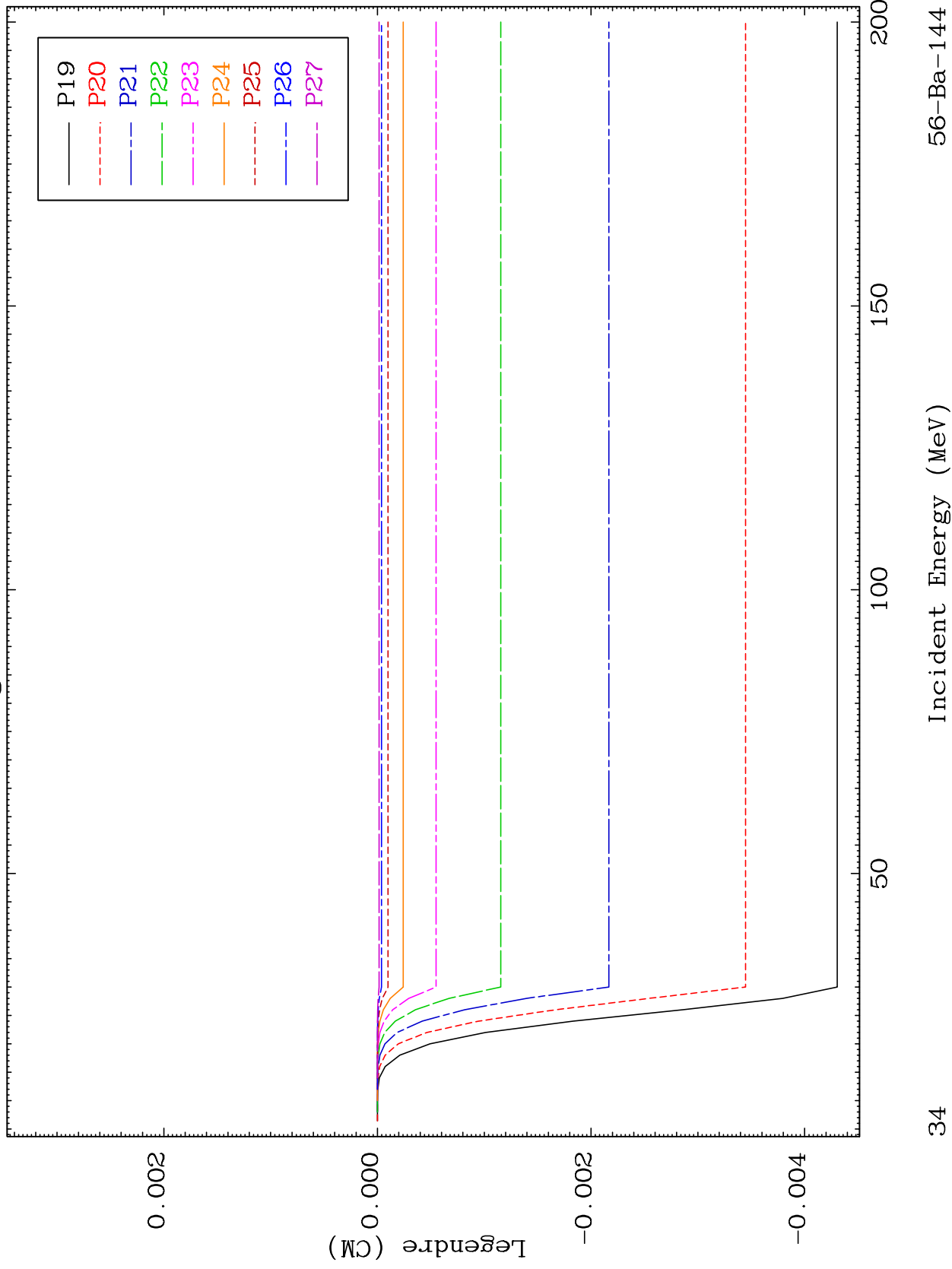
Incident Energy (MeV)

33

MAT 5667

838.4 keV (n,n') Level
Legendre Coefficients

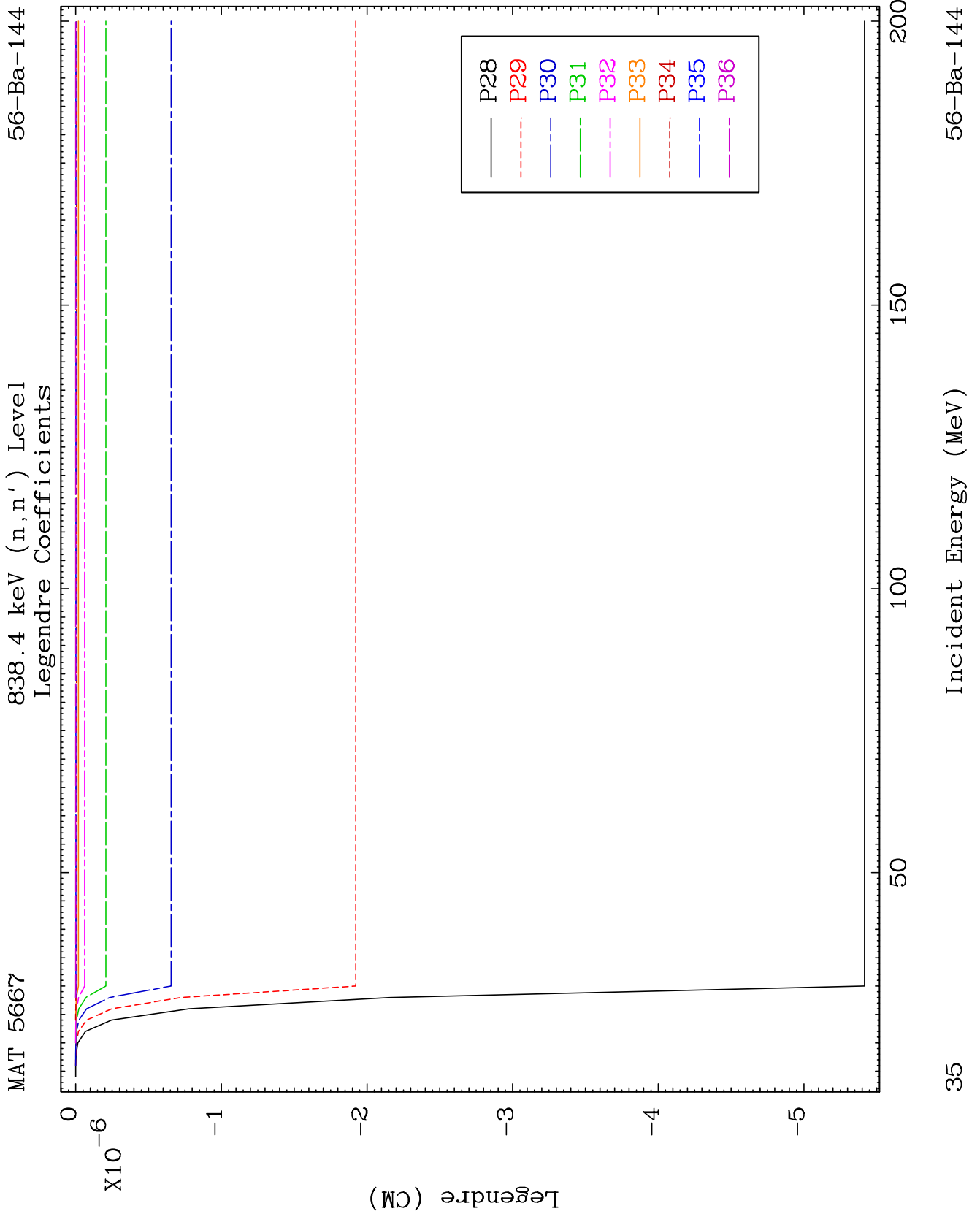
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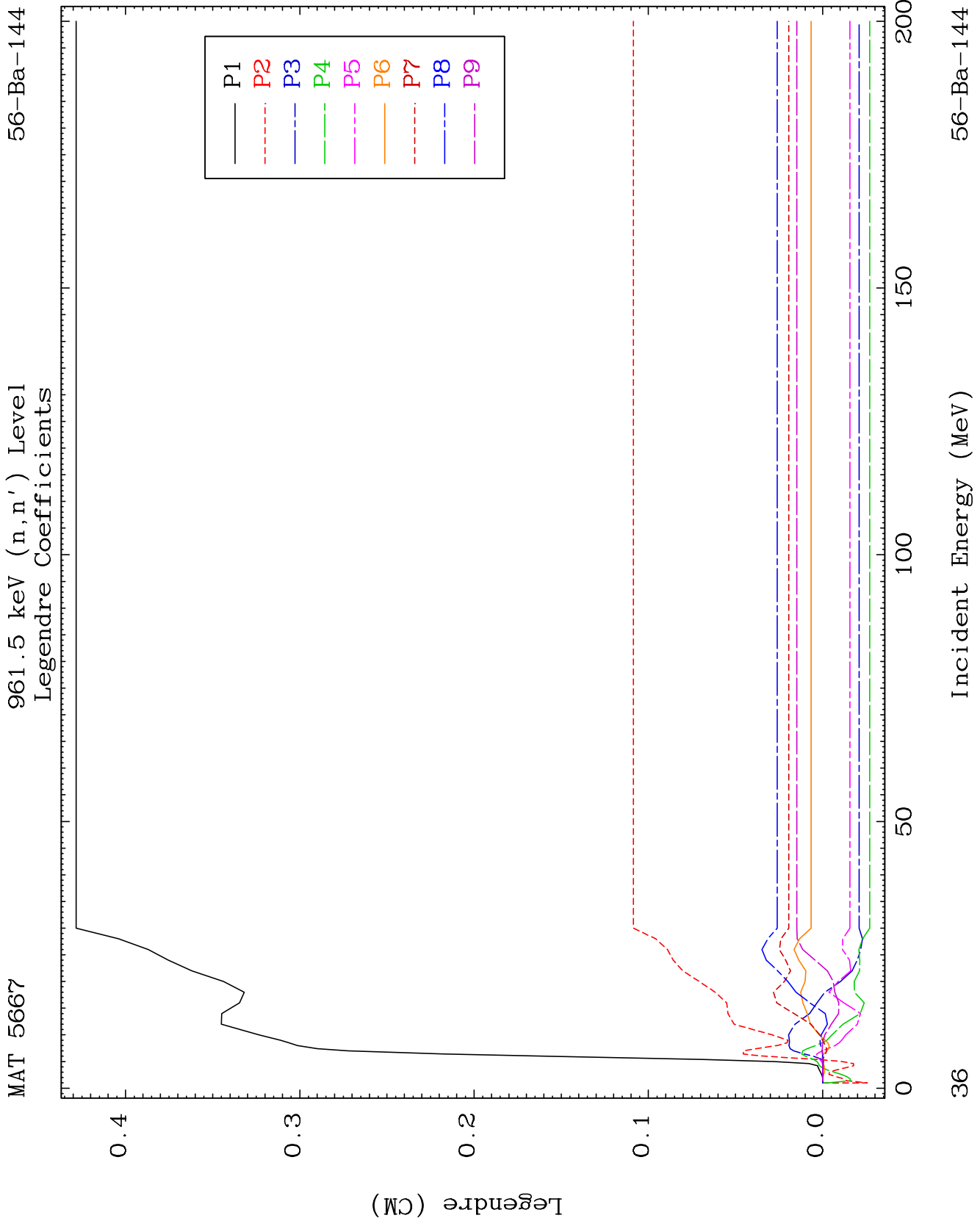


34

Incident Energy (MeV)

56-Ba-144

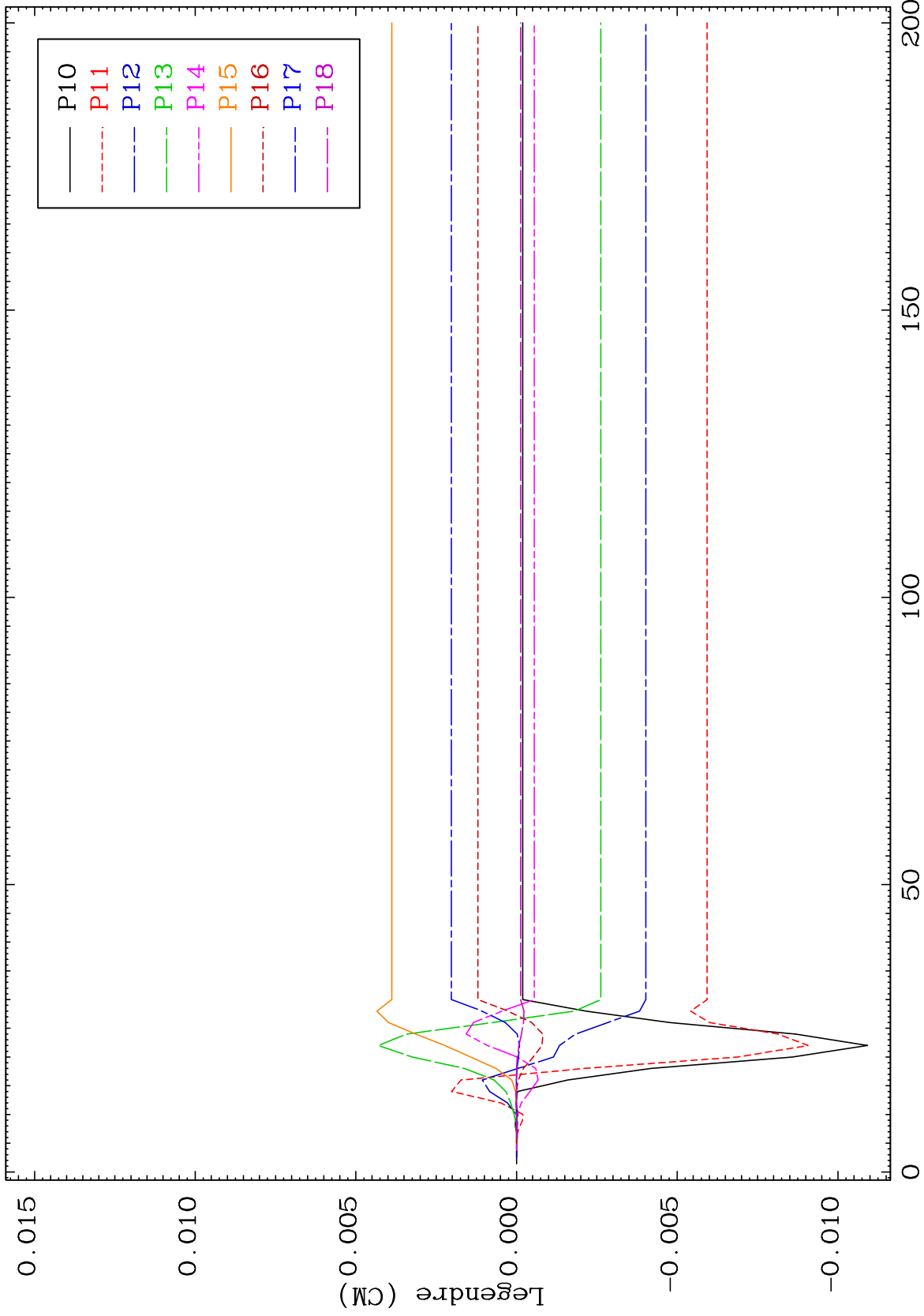




MAT 5667

961.5 keV (n,n') Level
Legendre Coefficients

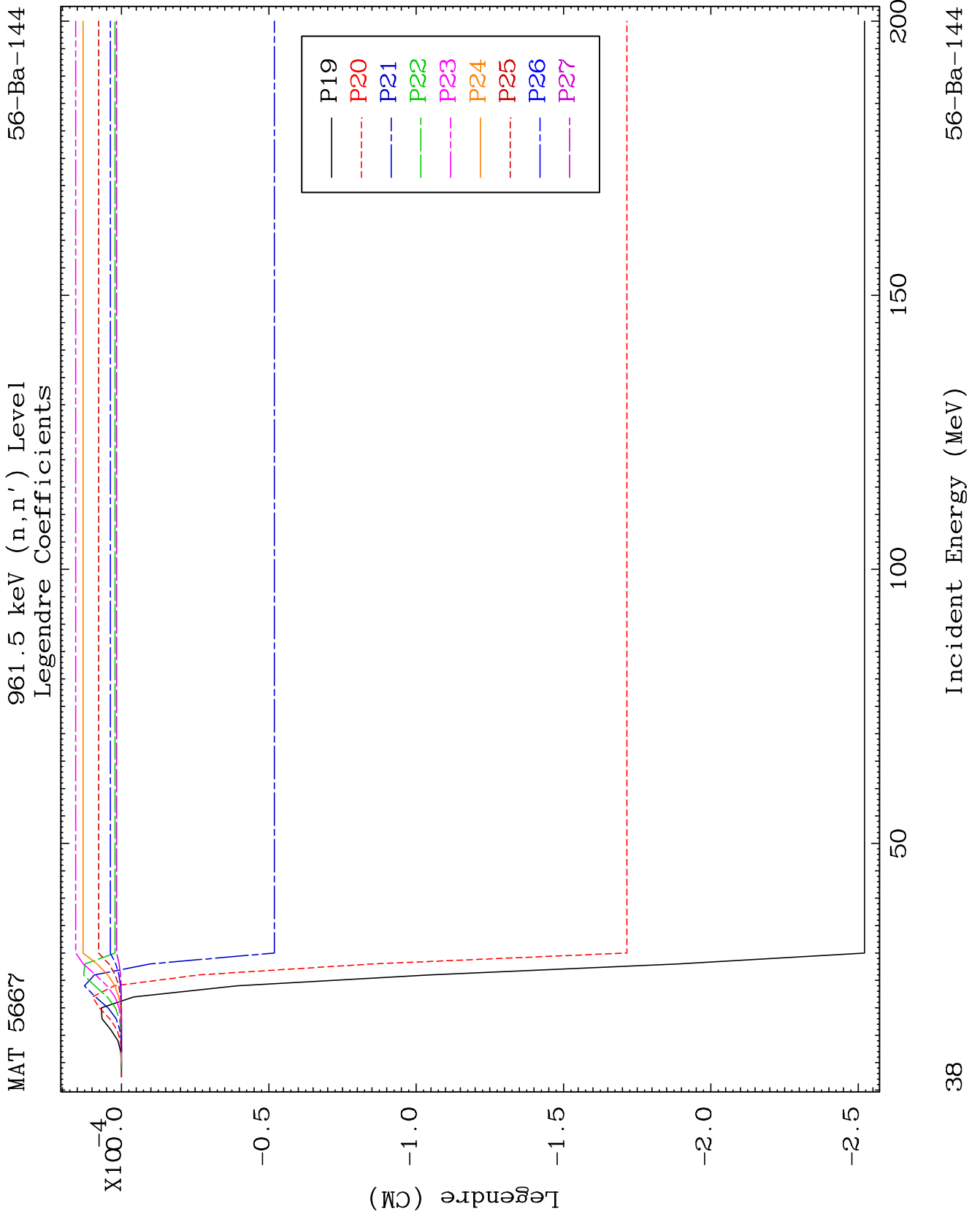
56-Ba-144



37

Incident Energy (MeV)

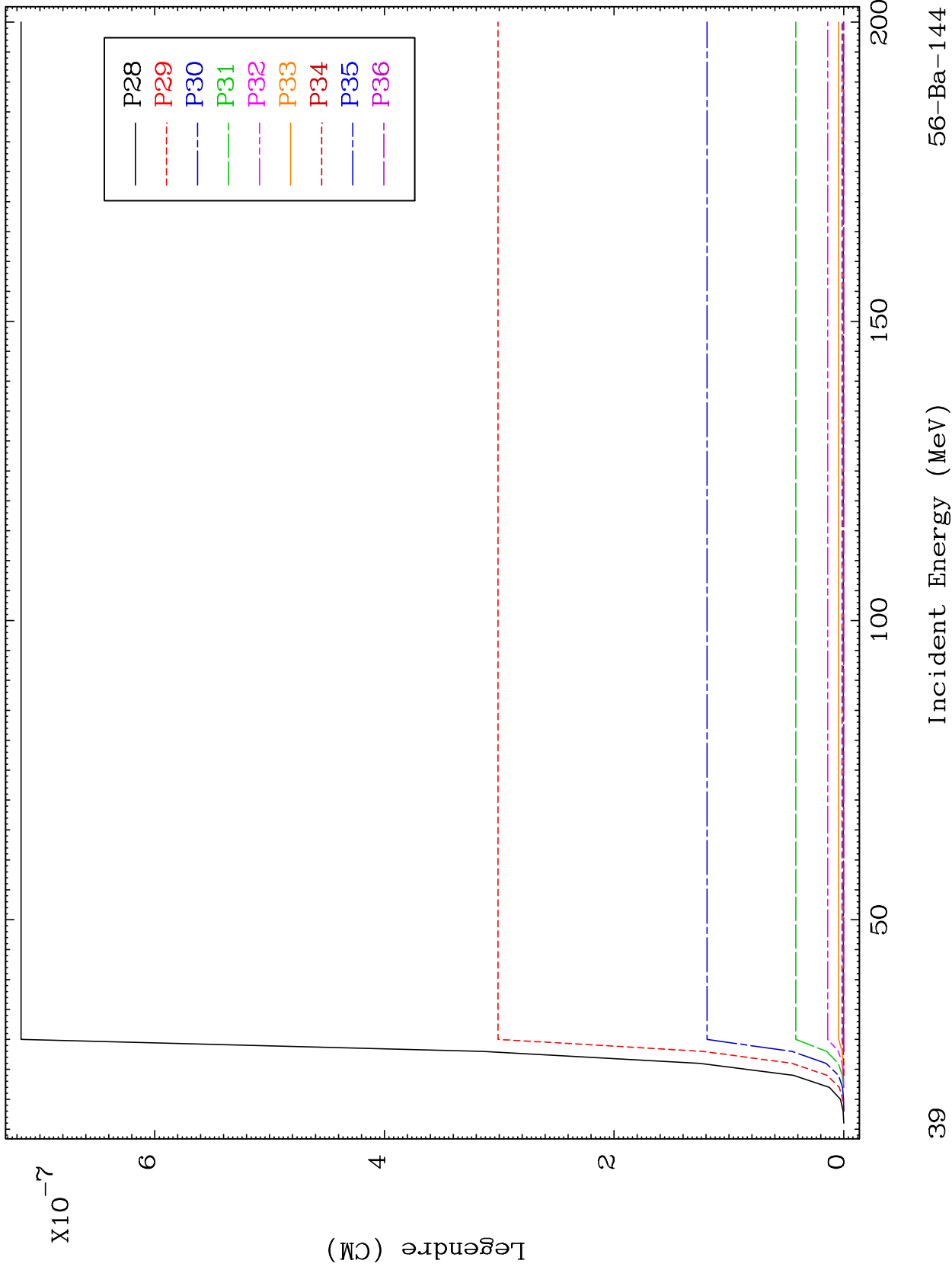
56-Ba-144



MAT 5667

961.5 keV (n,n') Level
Legendre Coefficients

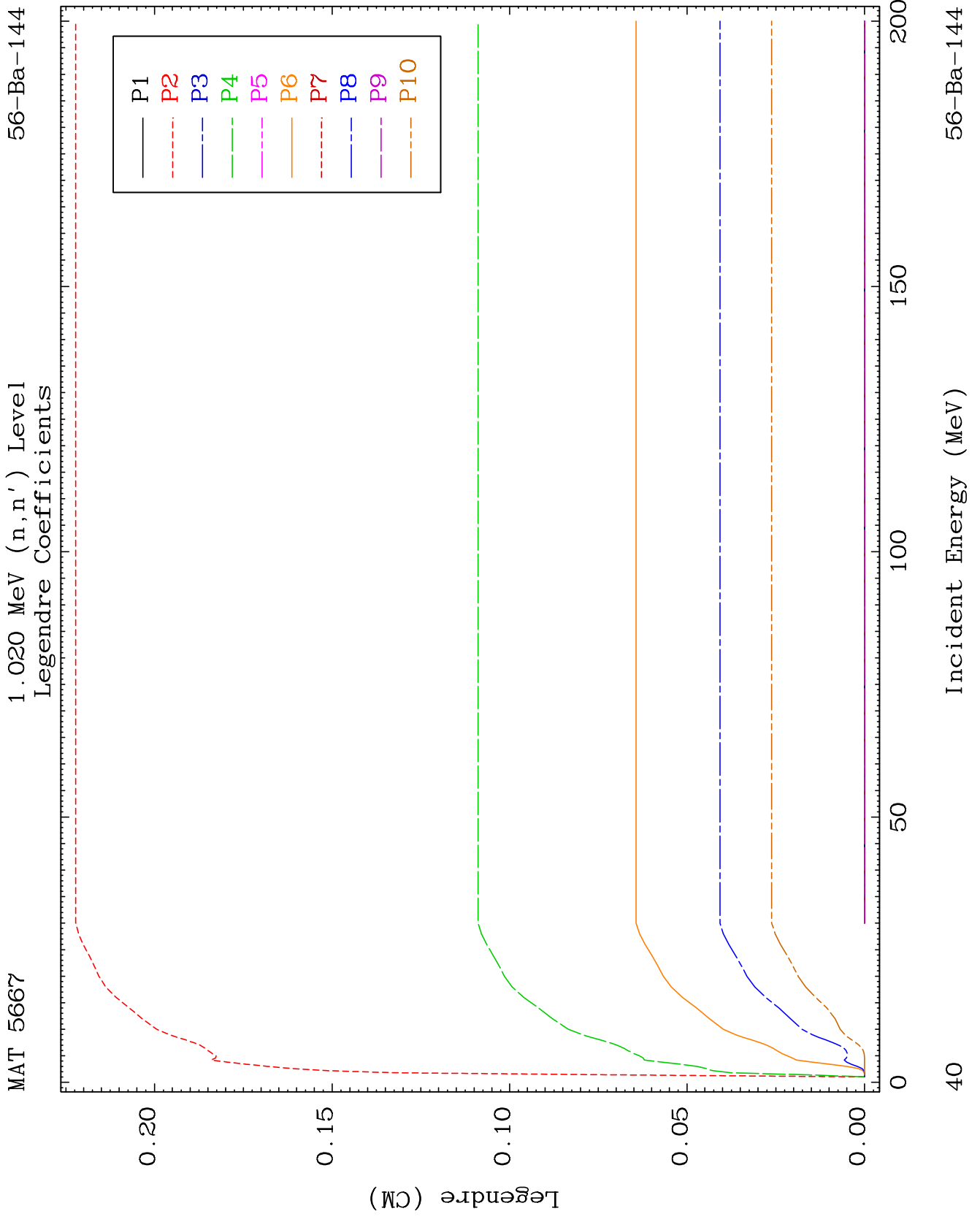
56-Ba-144

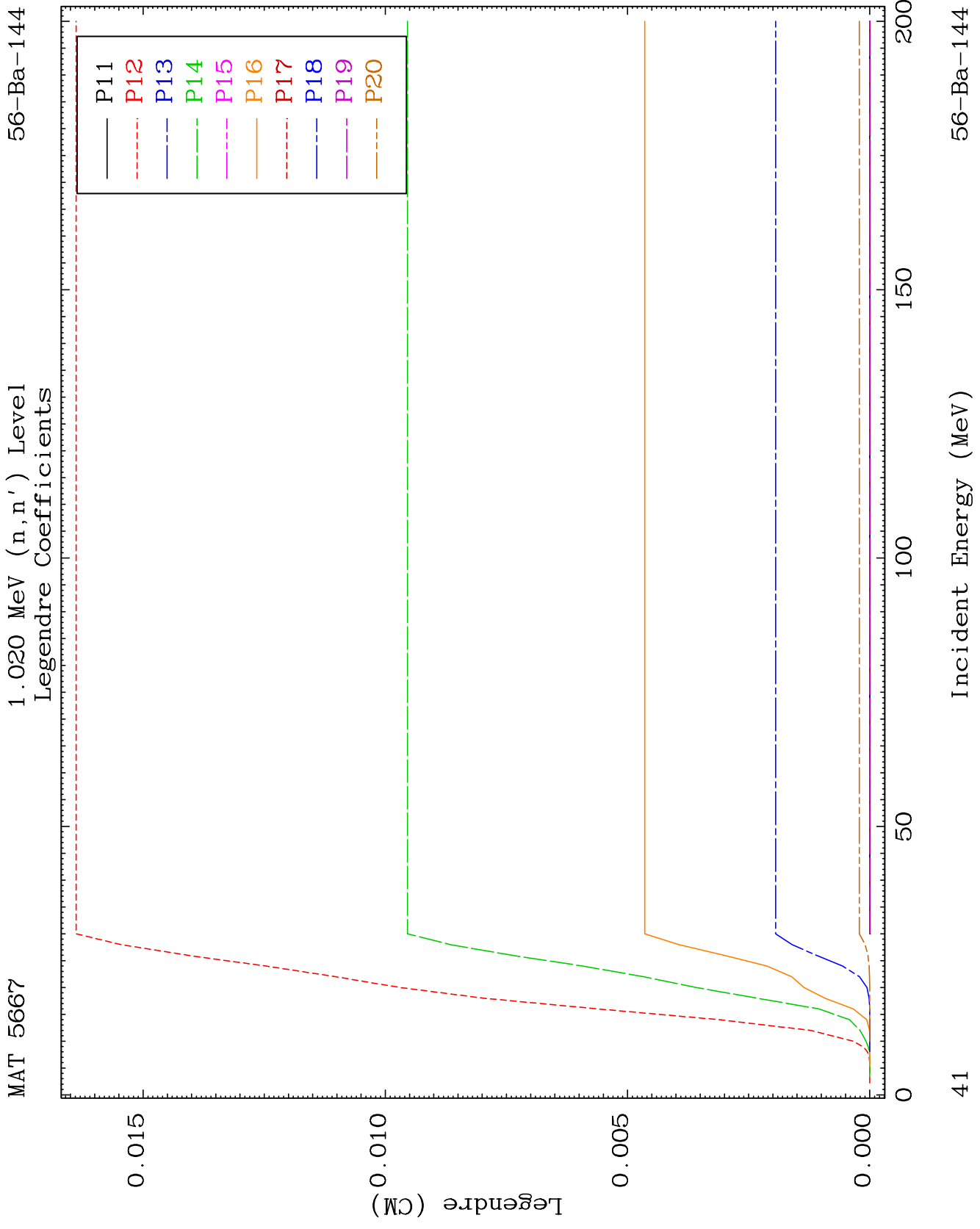


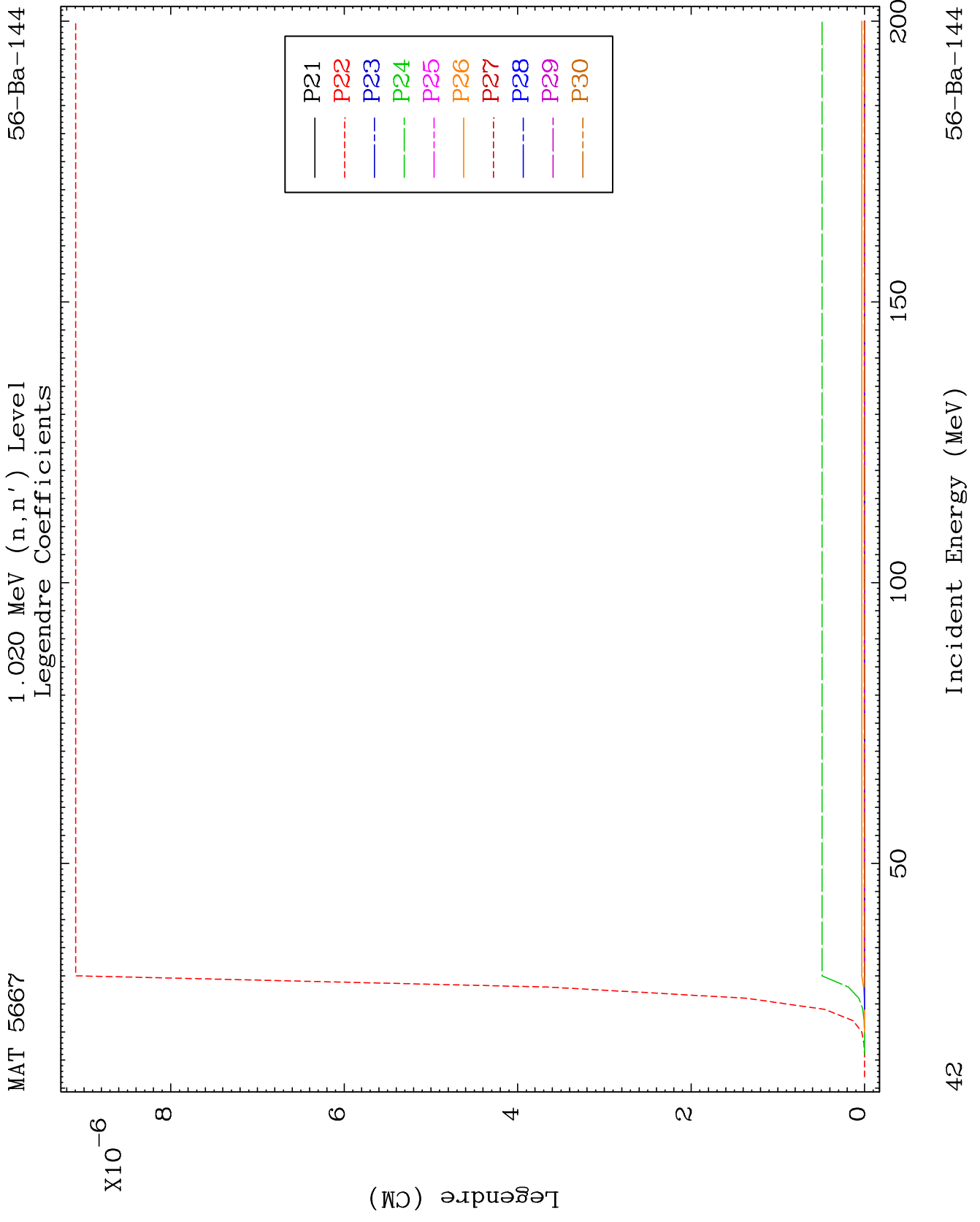
39

Incident Energy (MeV)

56-Ba-144



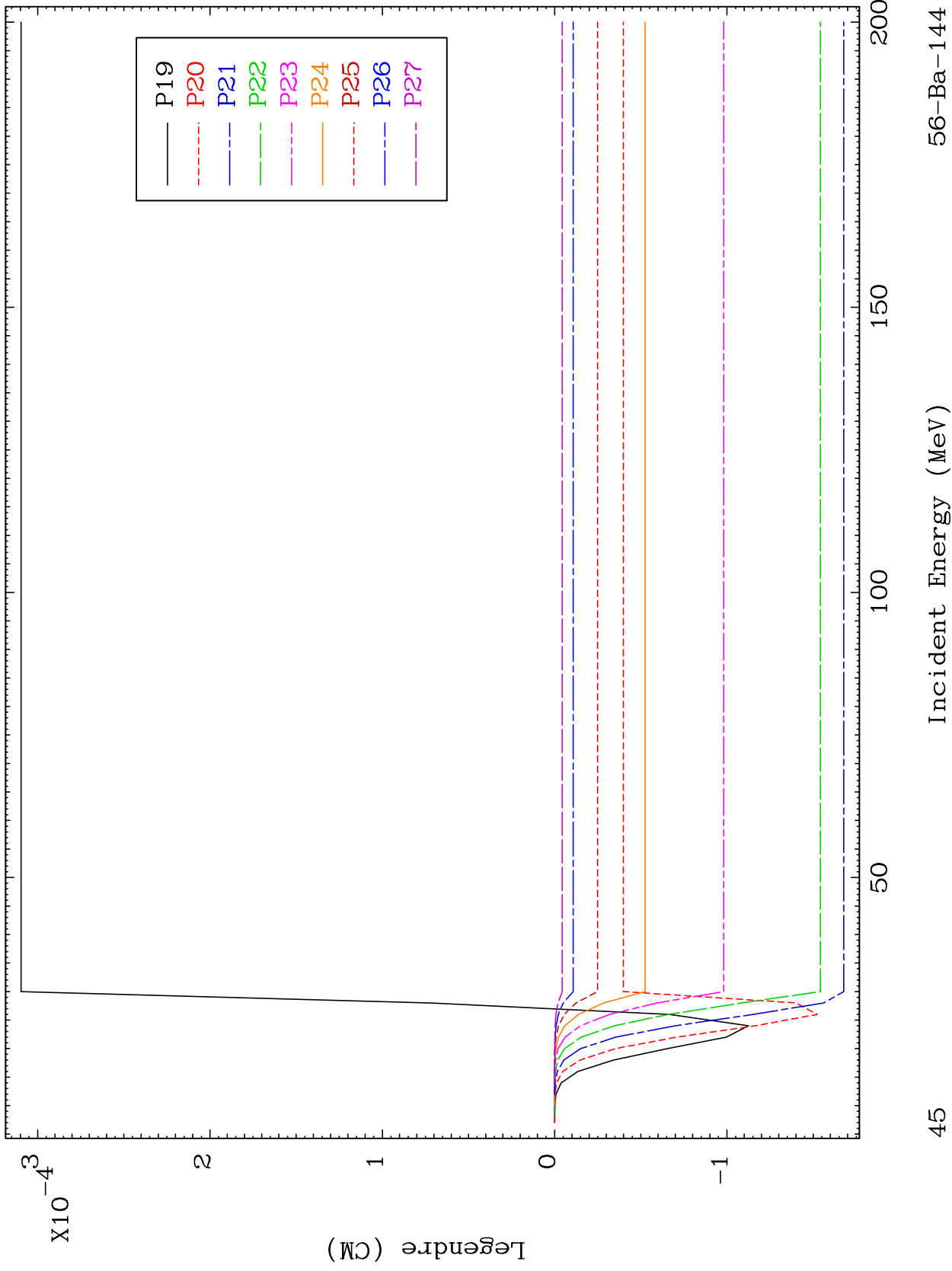




MAT 5667

1.039 MeV (n,n') Level
Legendre Coefficients

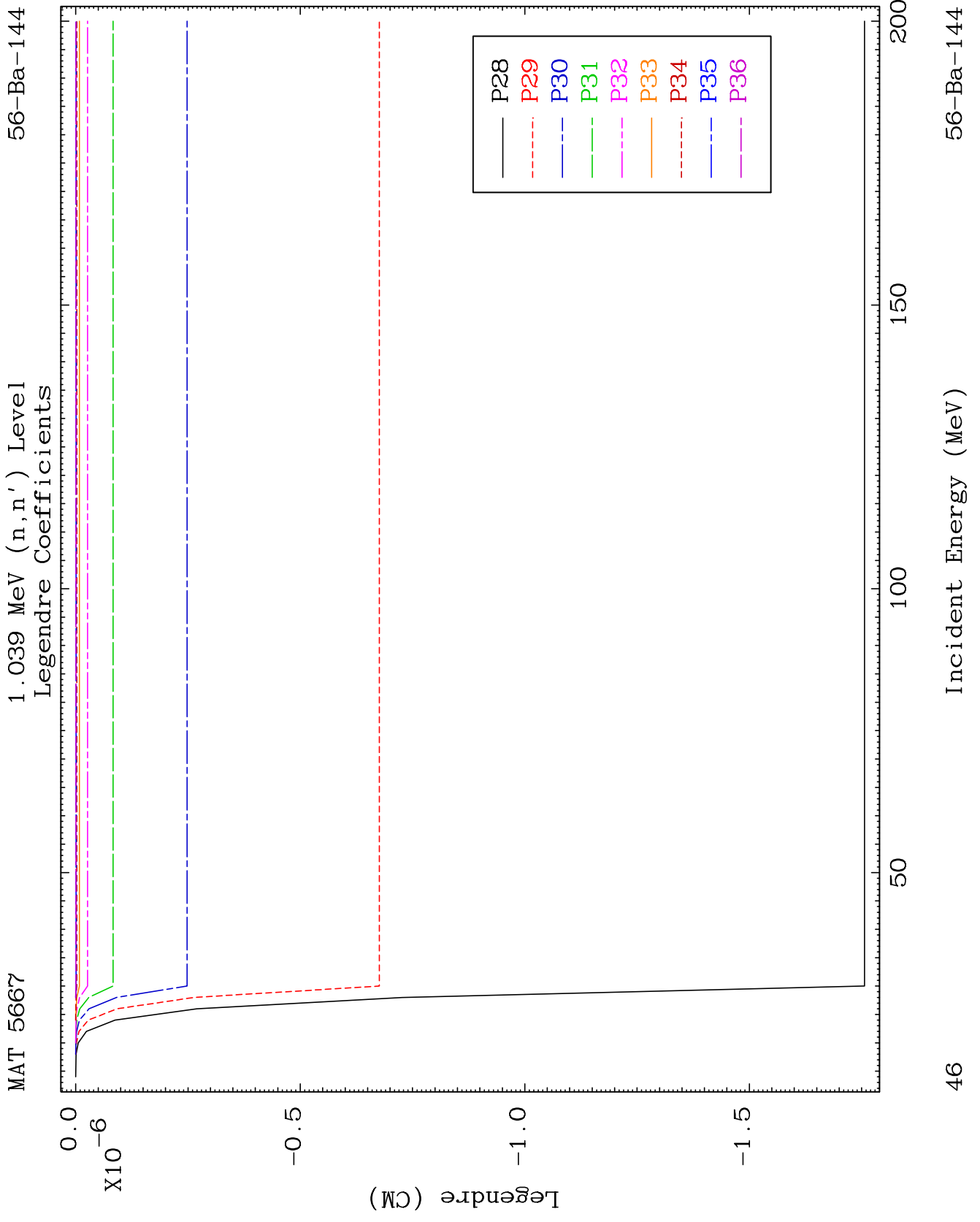
56-Ba-144



56-Ba-144

Incident Energy (MeV)

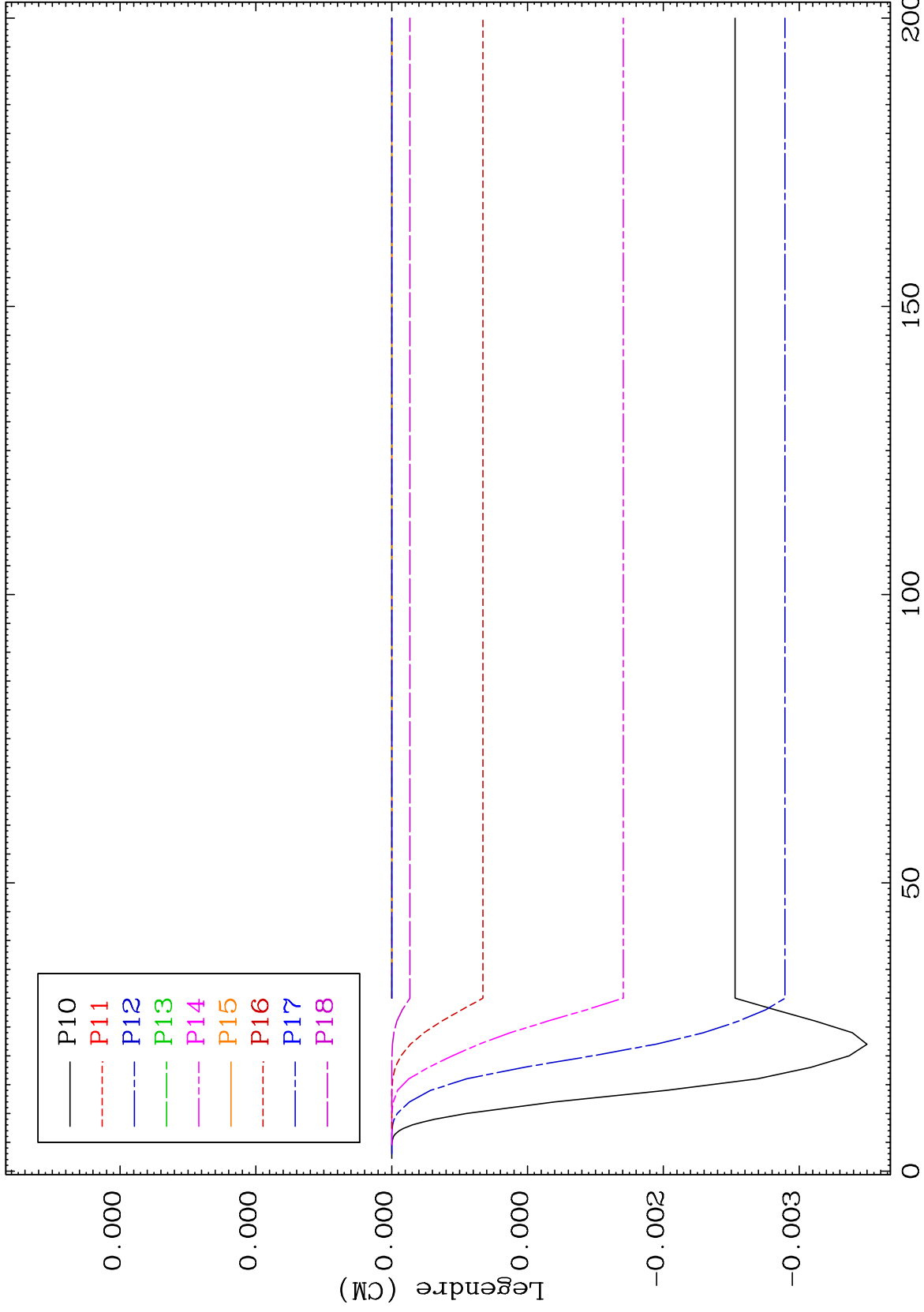
45



MAT 5667

1.316 MeV (n, n') Level
Legendre Coefficients

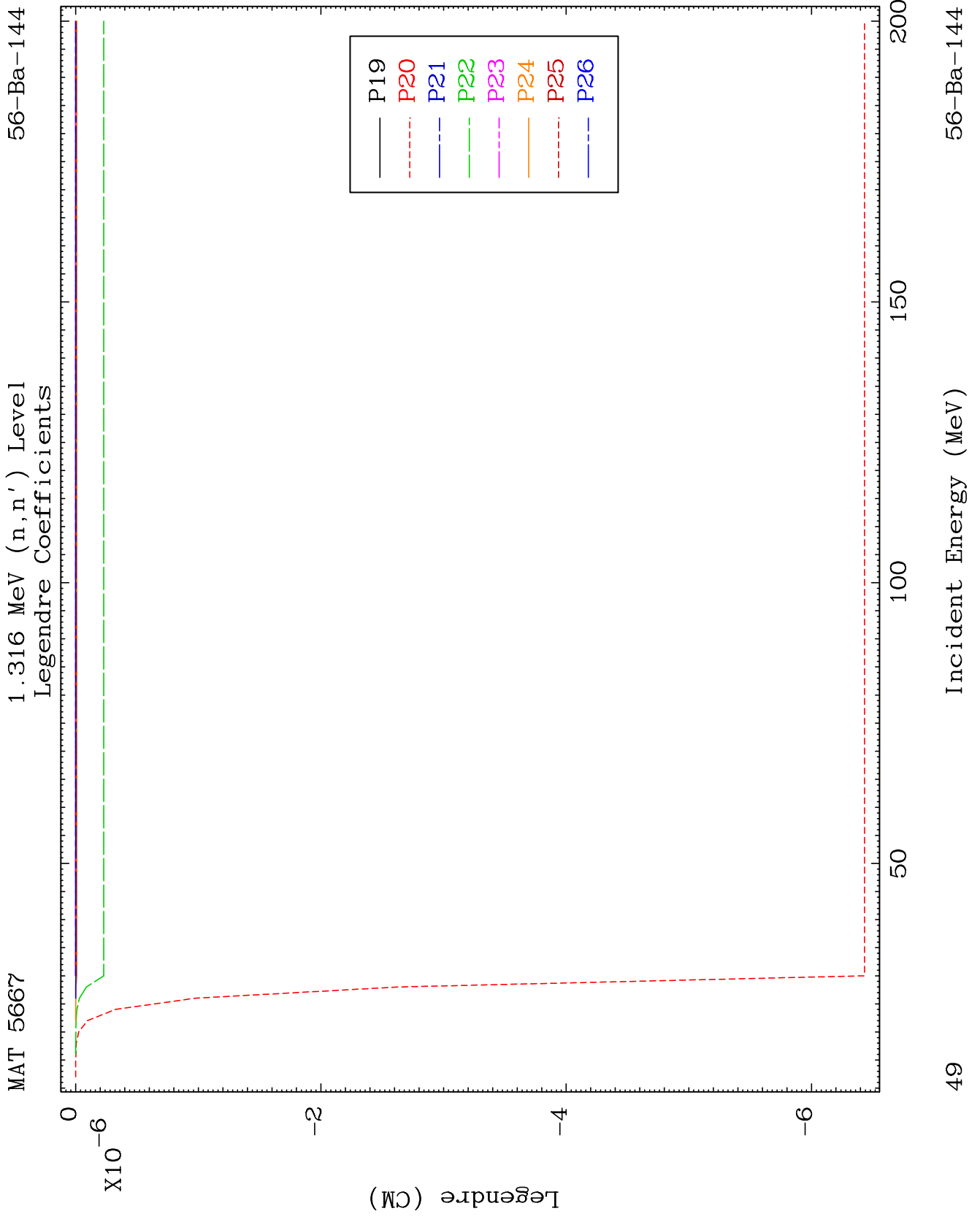
56-Ba-144



56-Ba-144

Incident Energy (MeV)

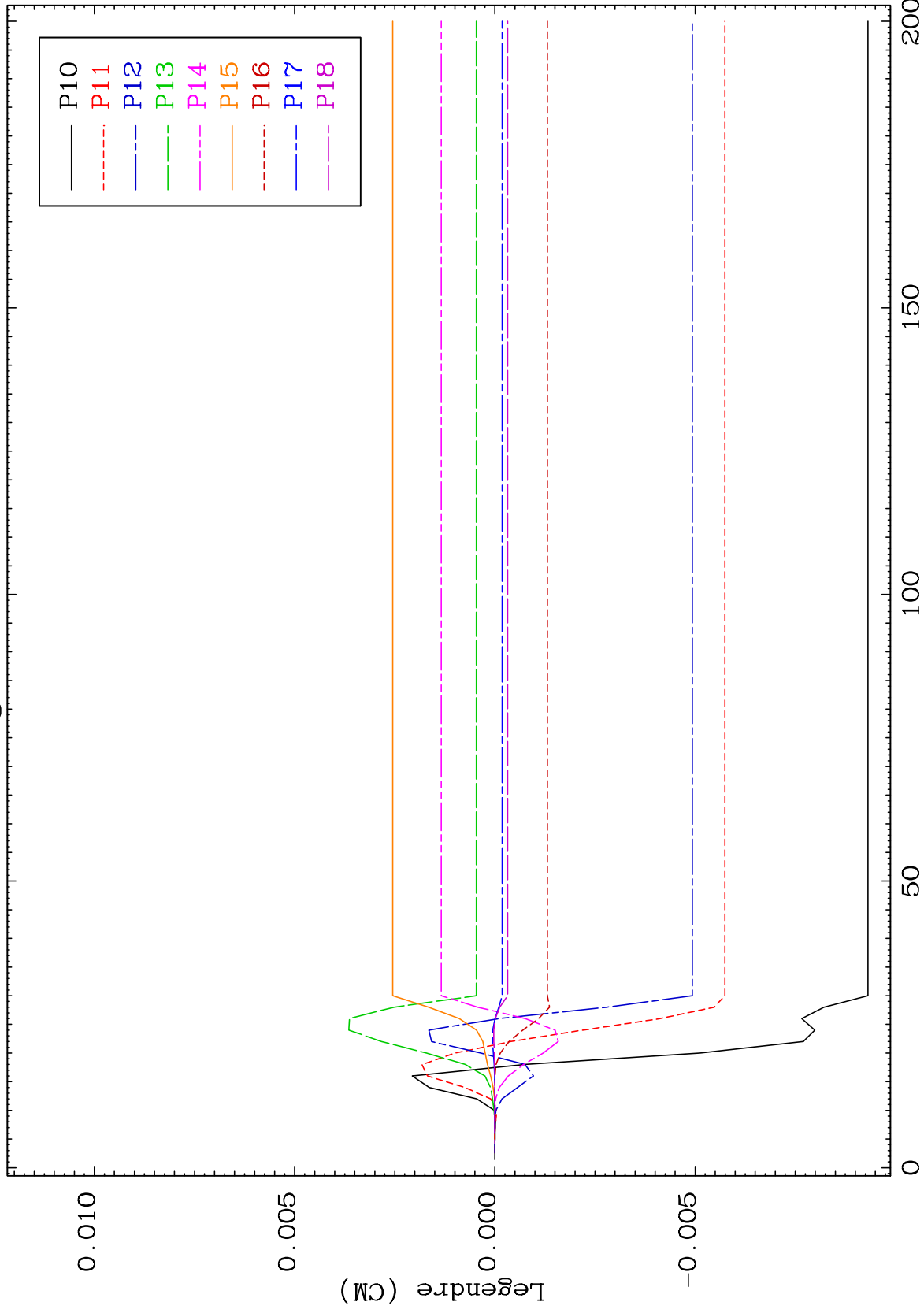
48



MAT 5667

1.355 MeV (n,n') Level
Legendre Coefficients

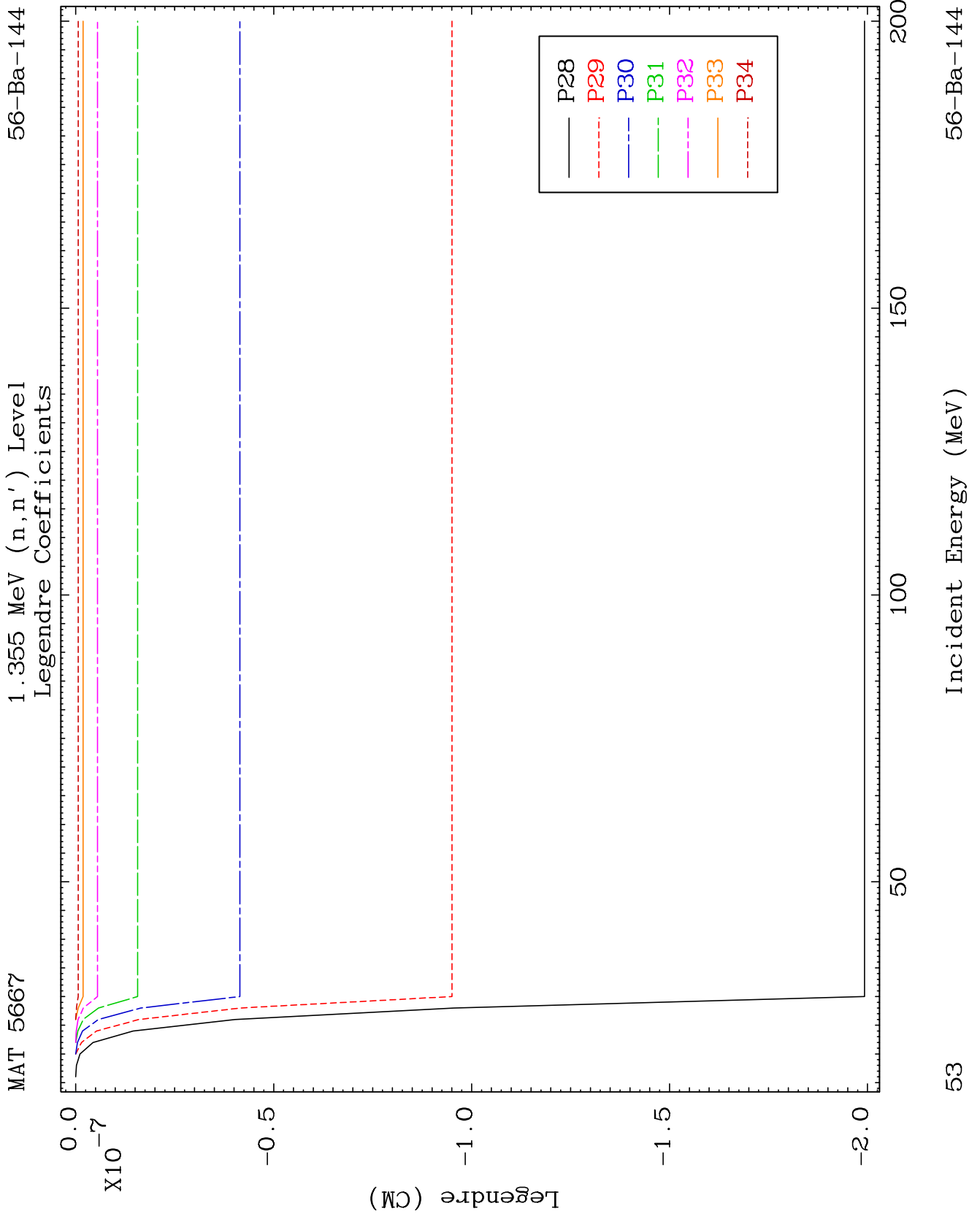
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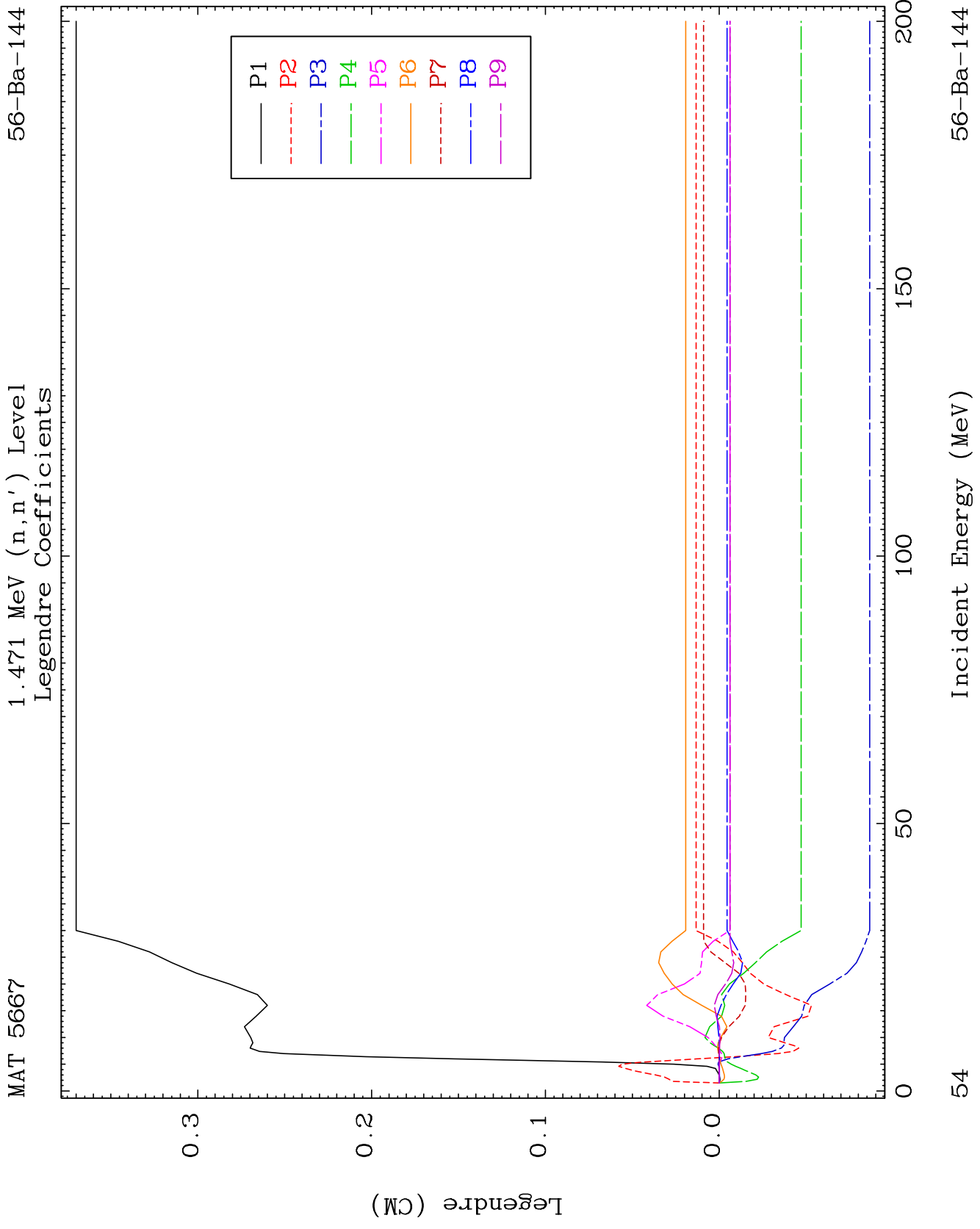


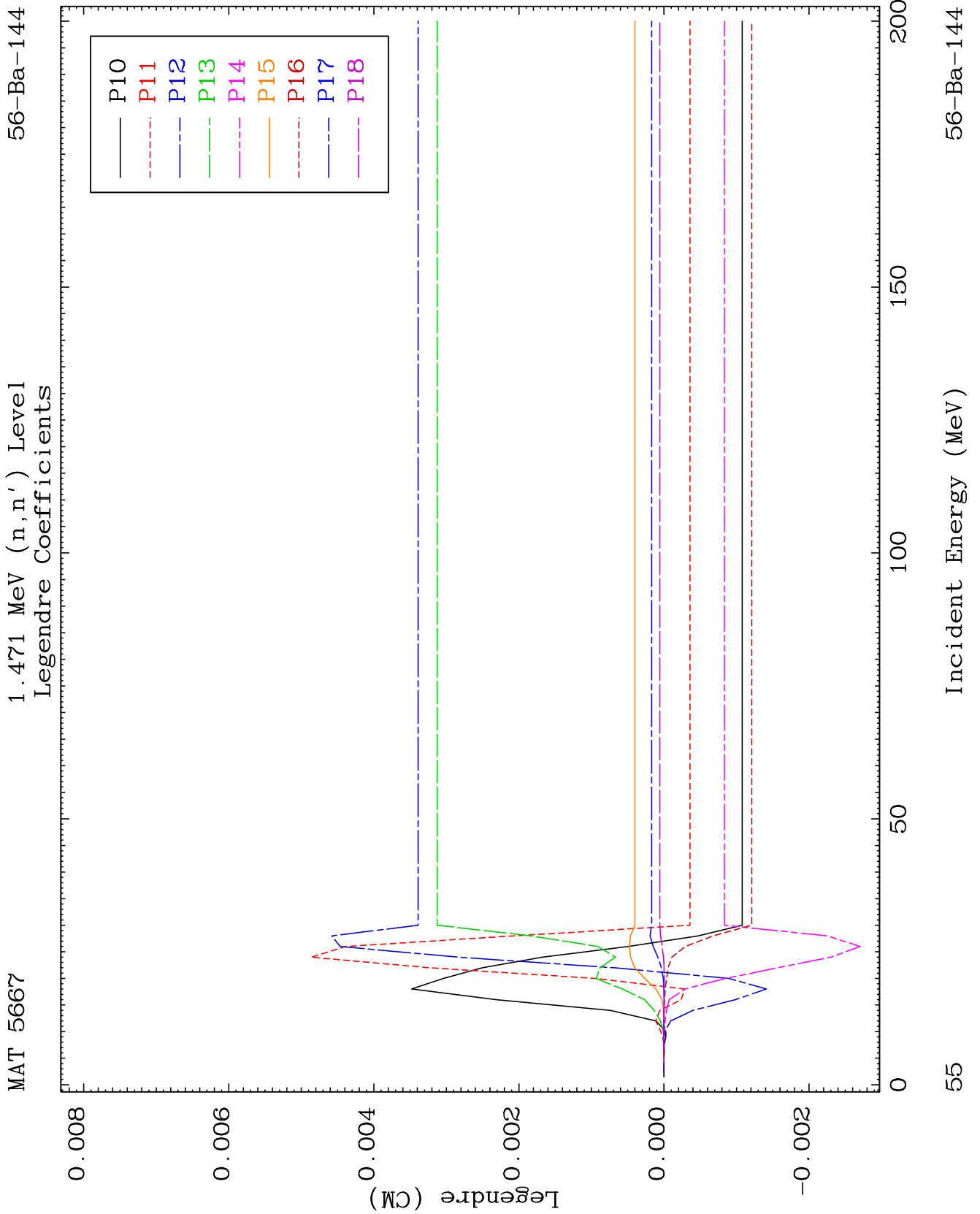
51

Incident Energy (MeV)

56-Ba-144



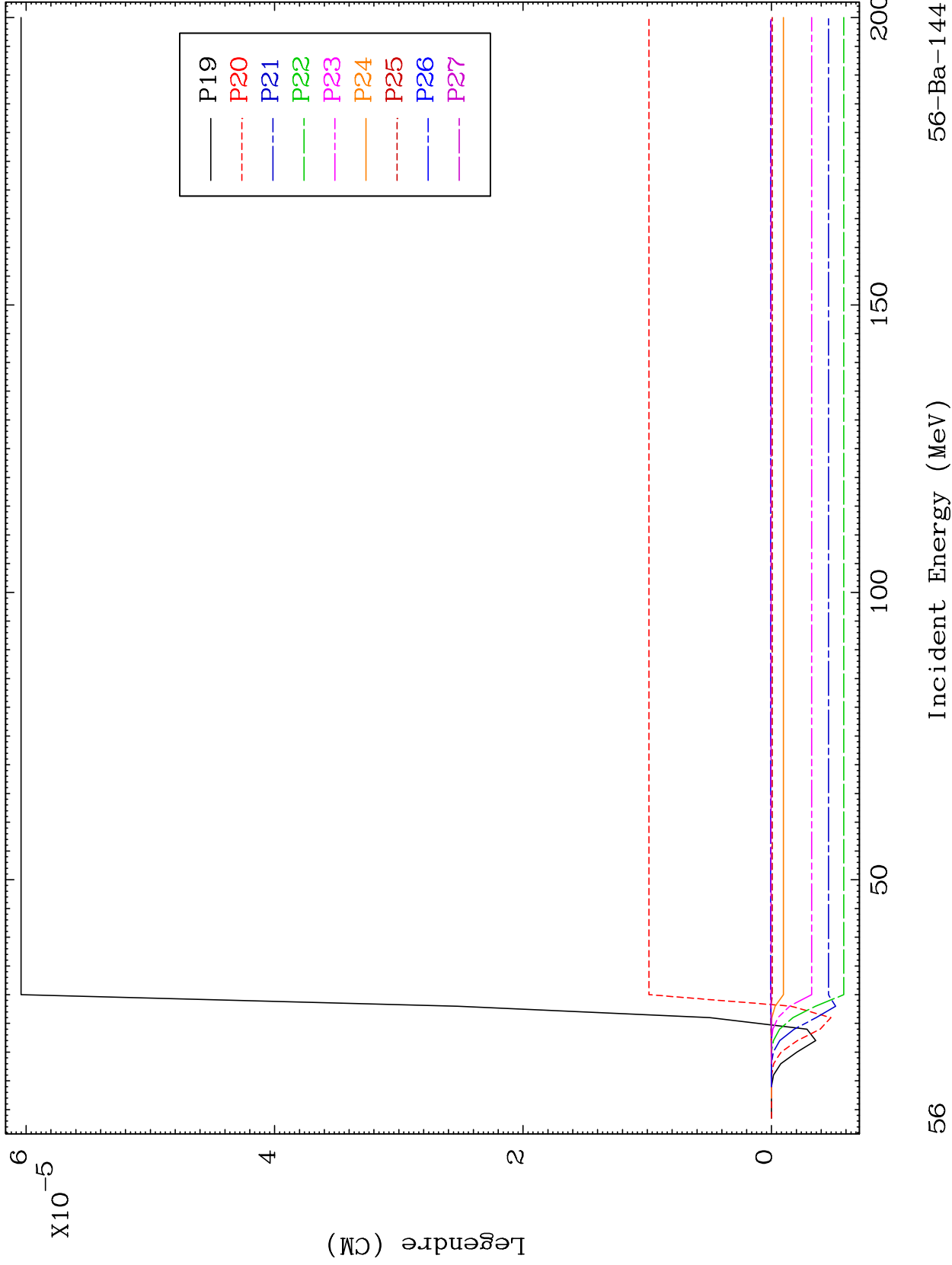




MAT 5667

1.471 MeV (n,n') Level
Legendre Coefficients

56-Ba-144

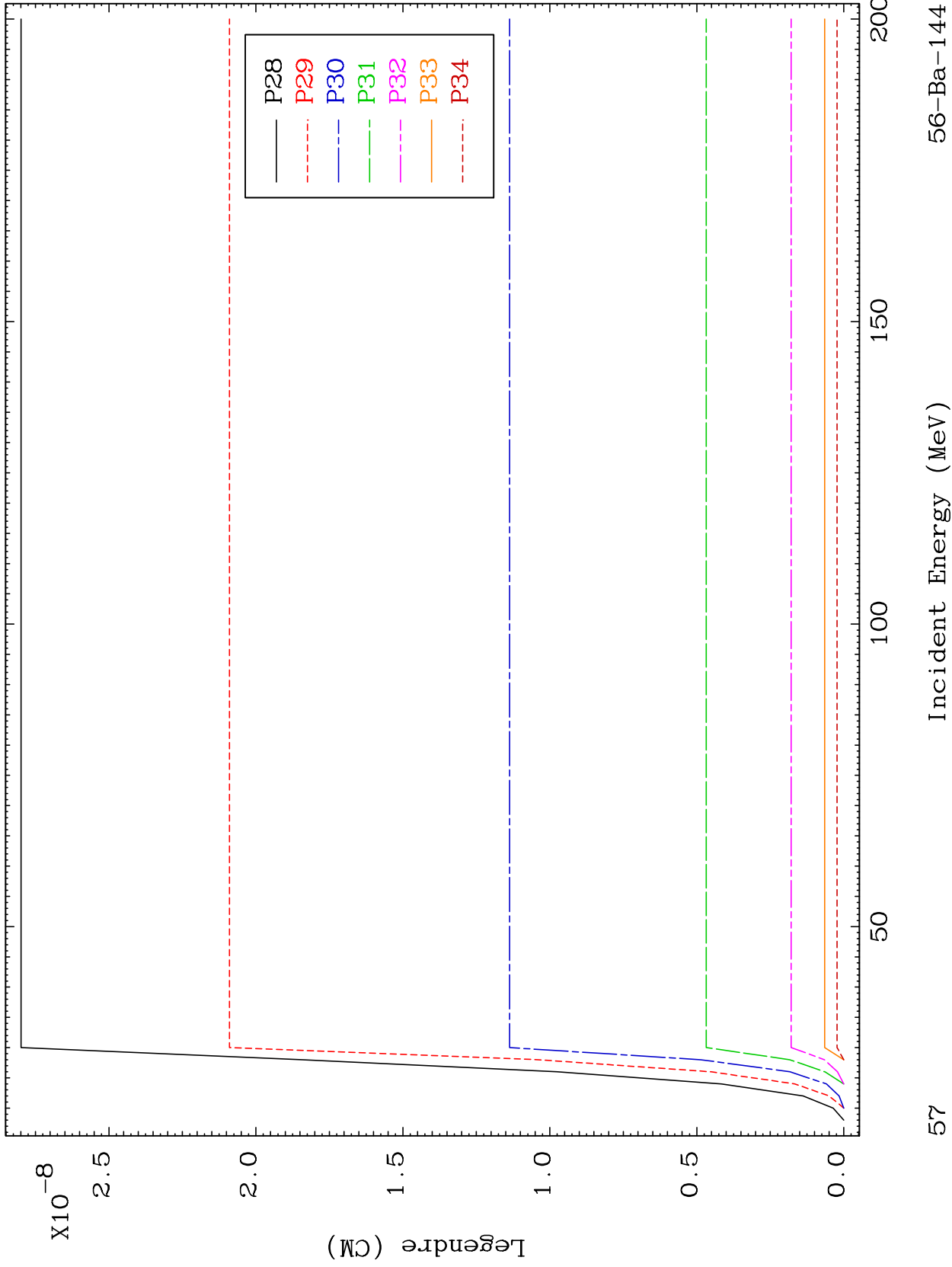


56

MAT 5667

1.471 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



57

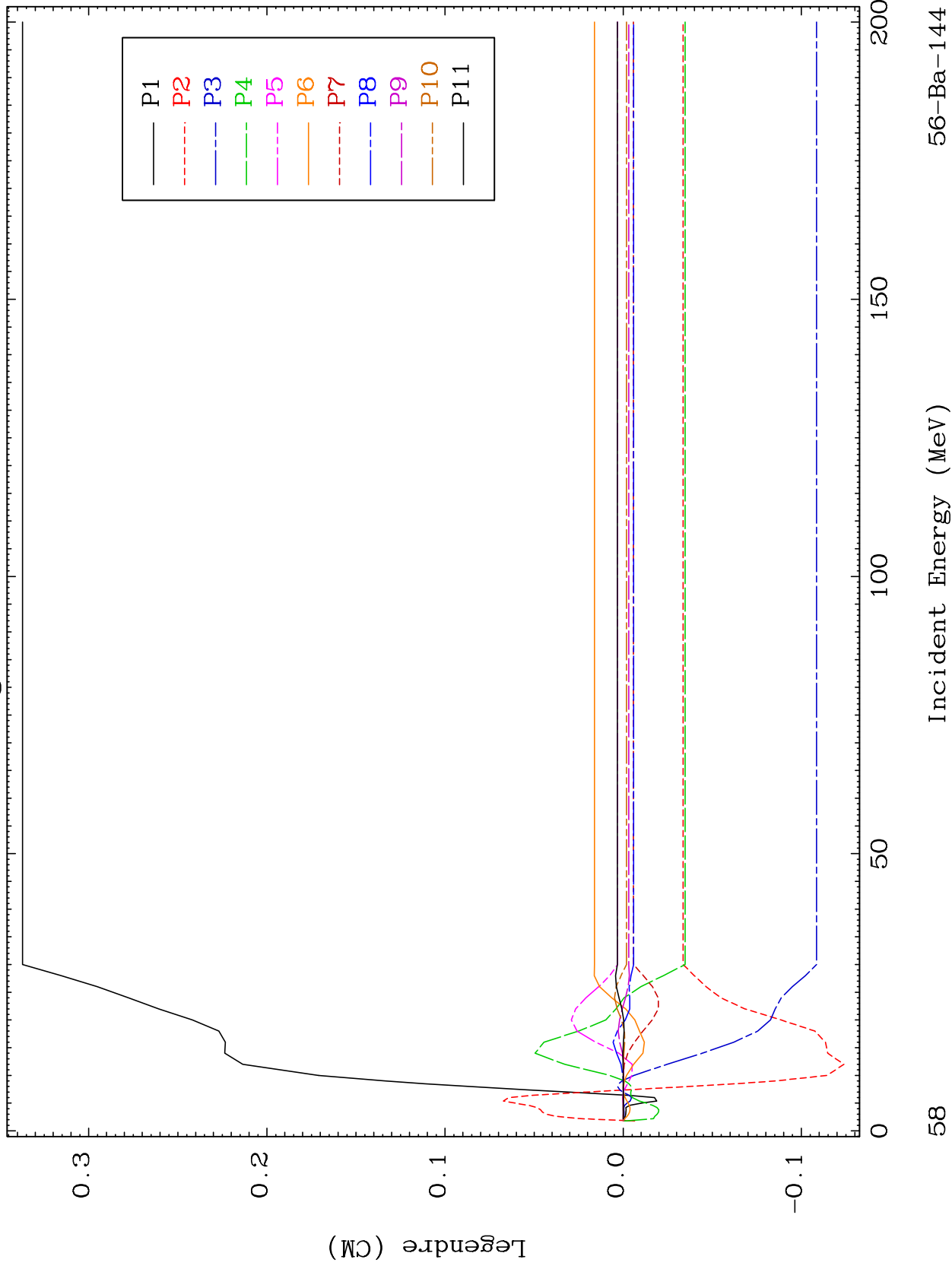
Incident Energy (MeV)

56-Ba-144

MAT 5667

1.773 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

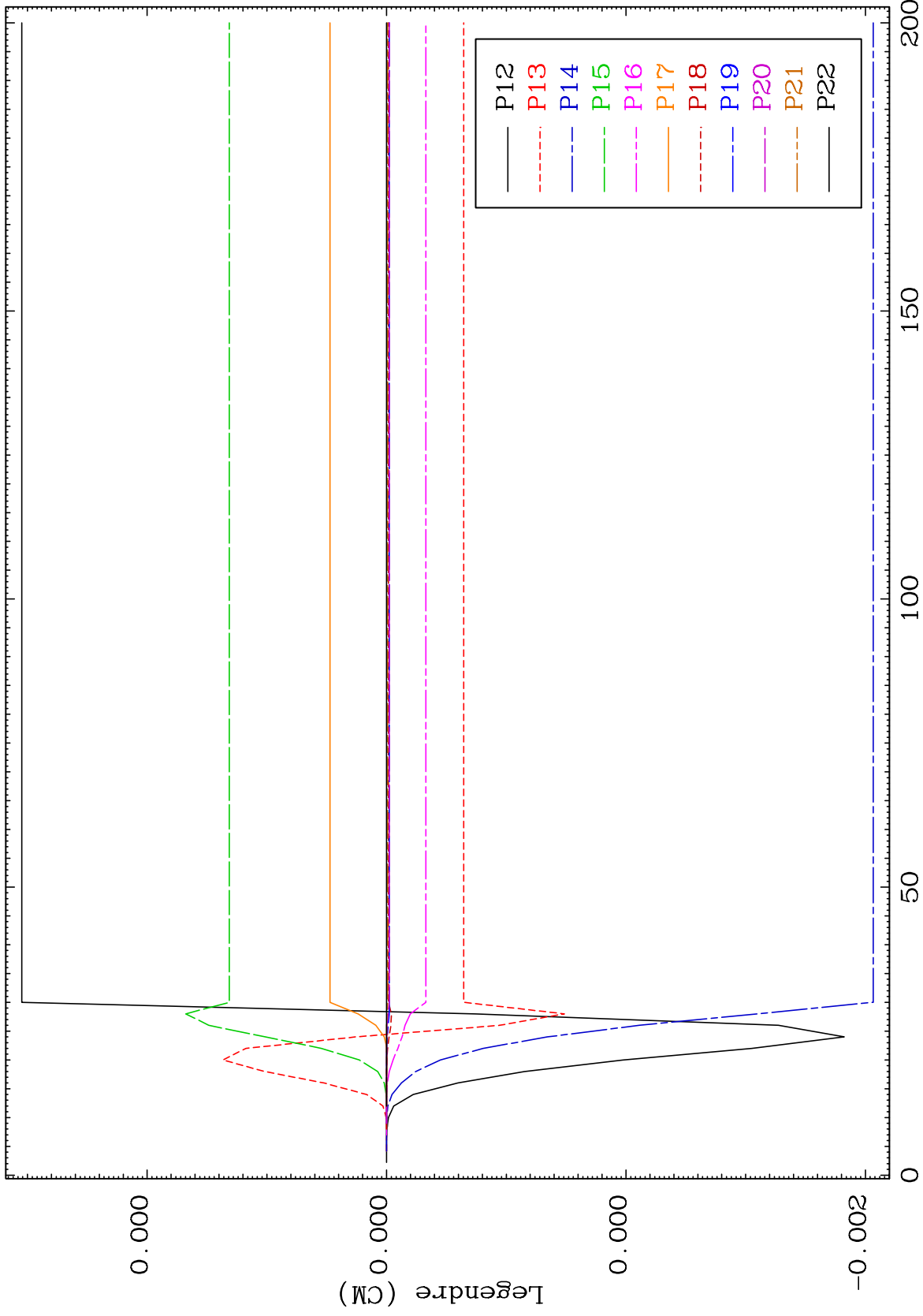
Incident Energy (MeV)

58

MAT 5667

1.773 MeV (n,n') Level
Legendre Coefficients

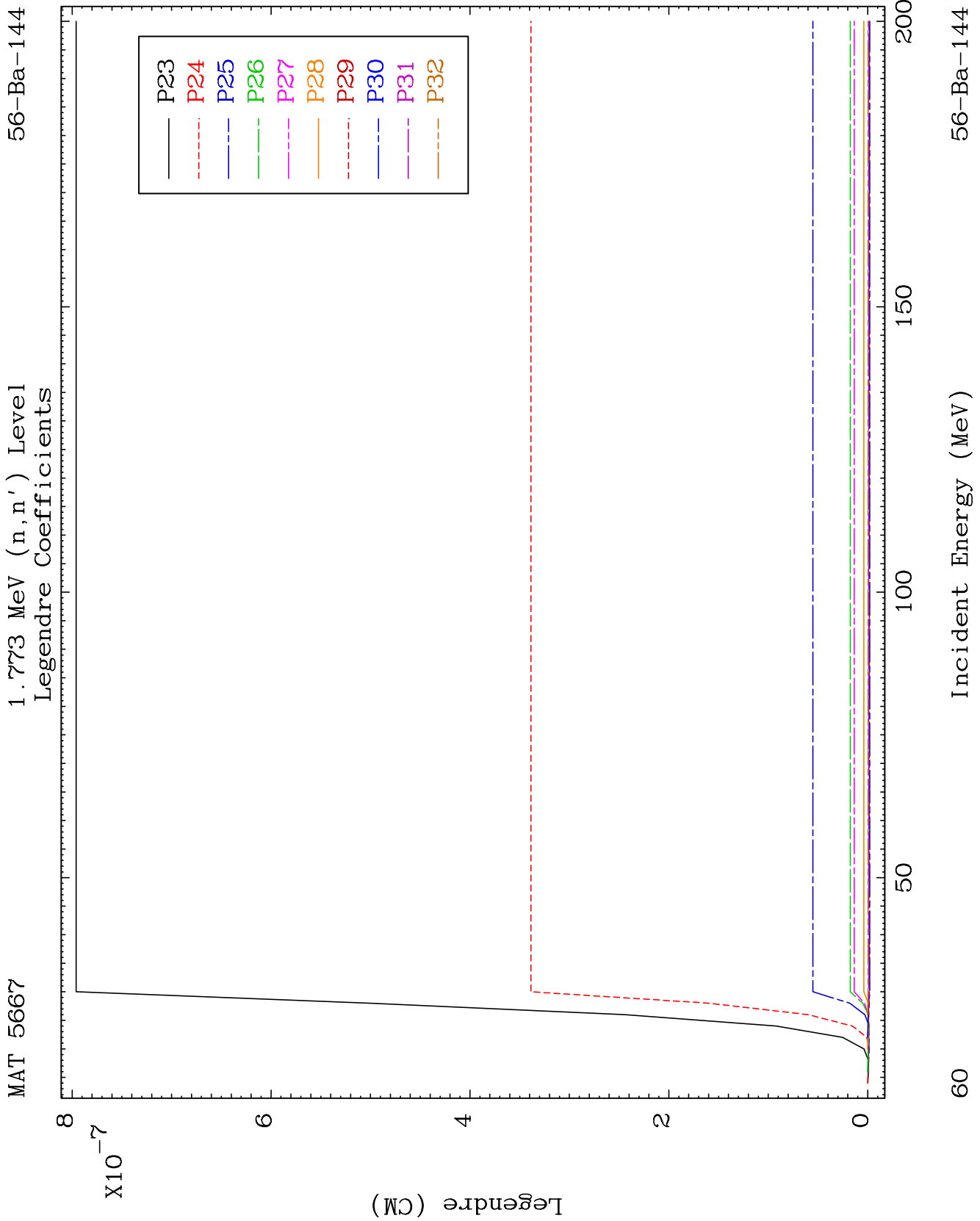
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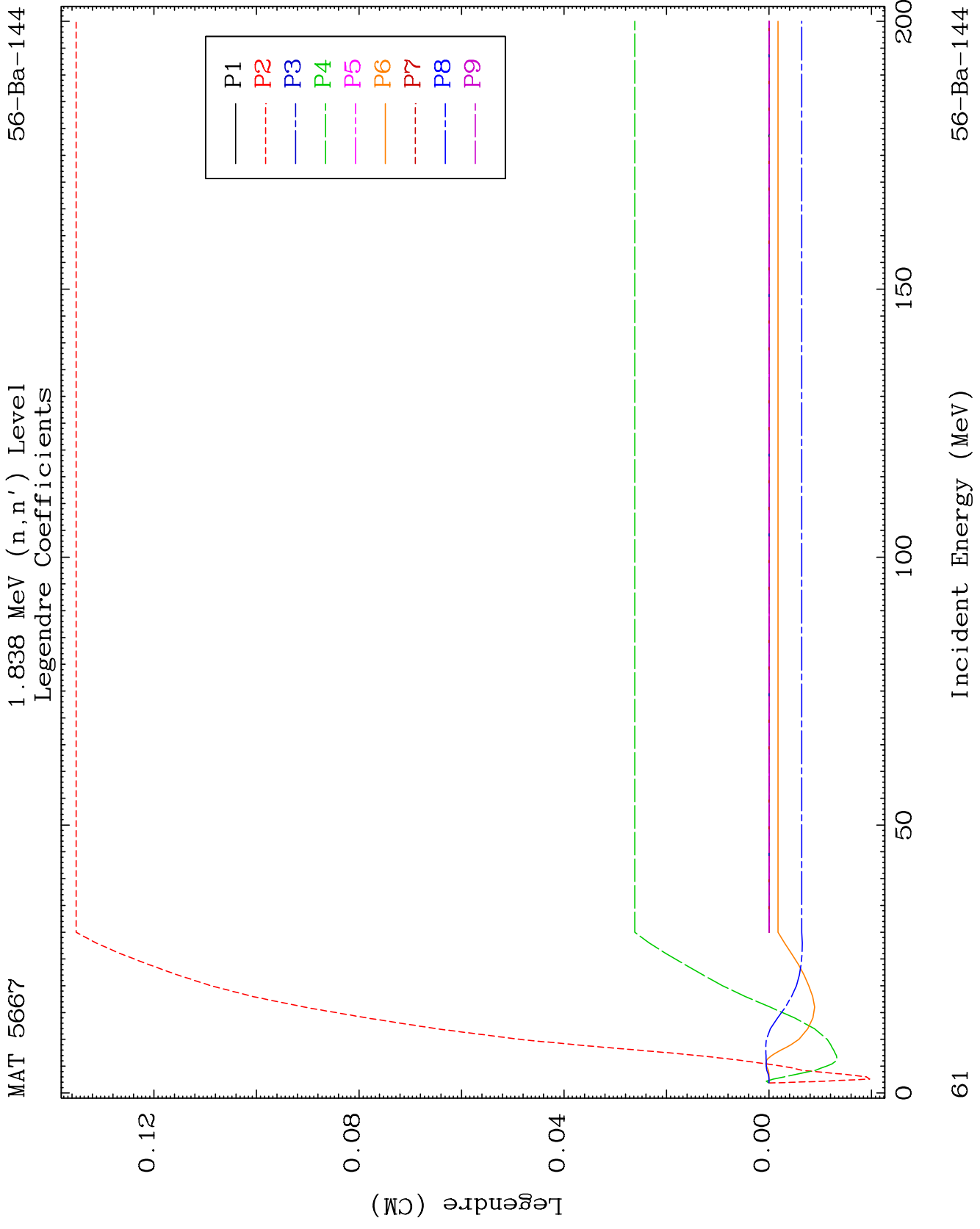


59

Incident Energy (MeV)

56-Ba-144

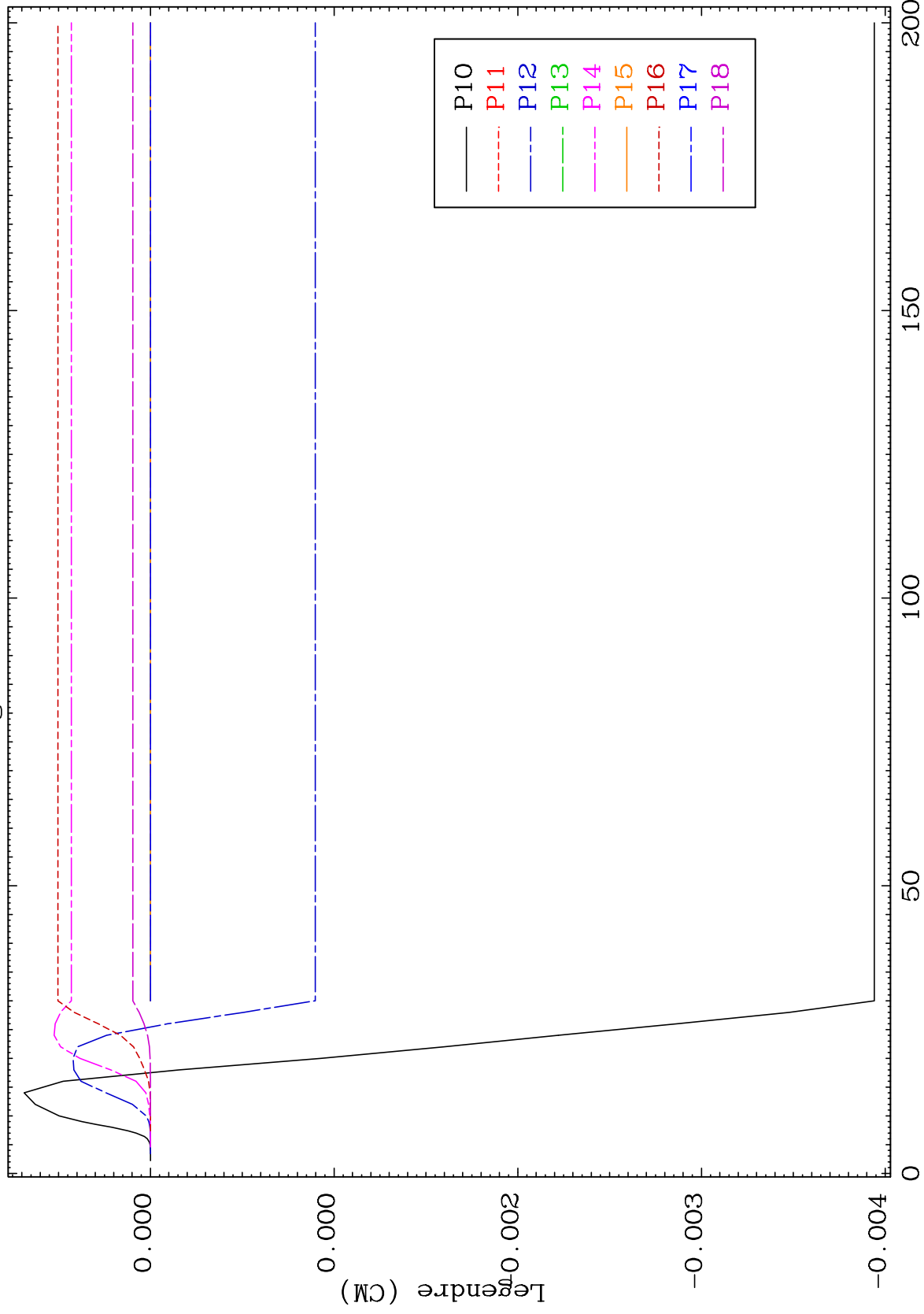




MAT 5667

1.838 MeV (n,n') Level
Legendre Coefficients

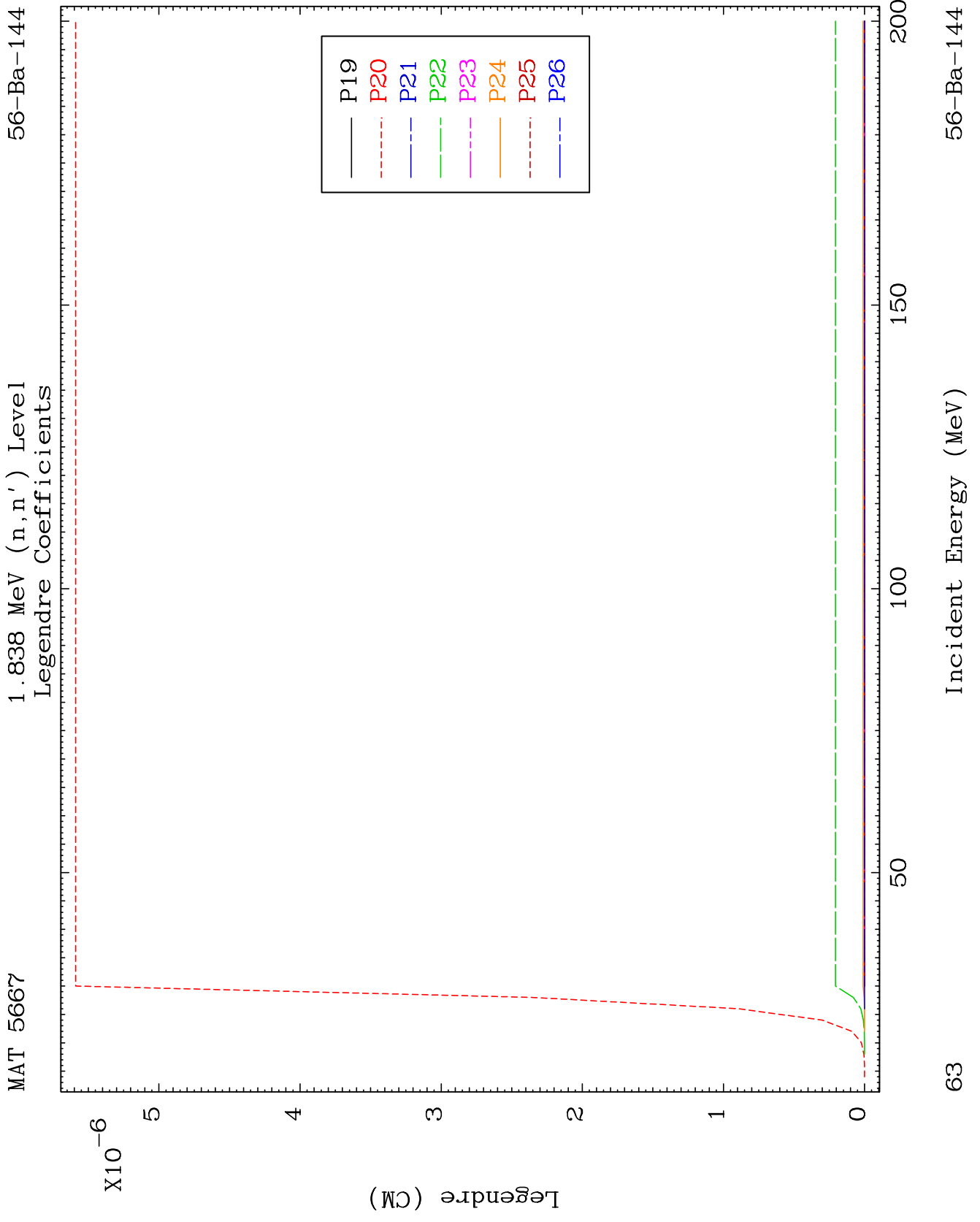
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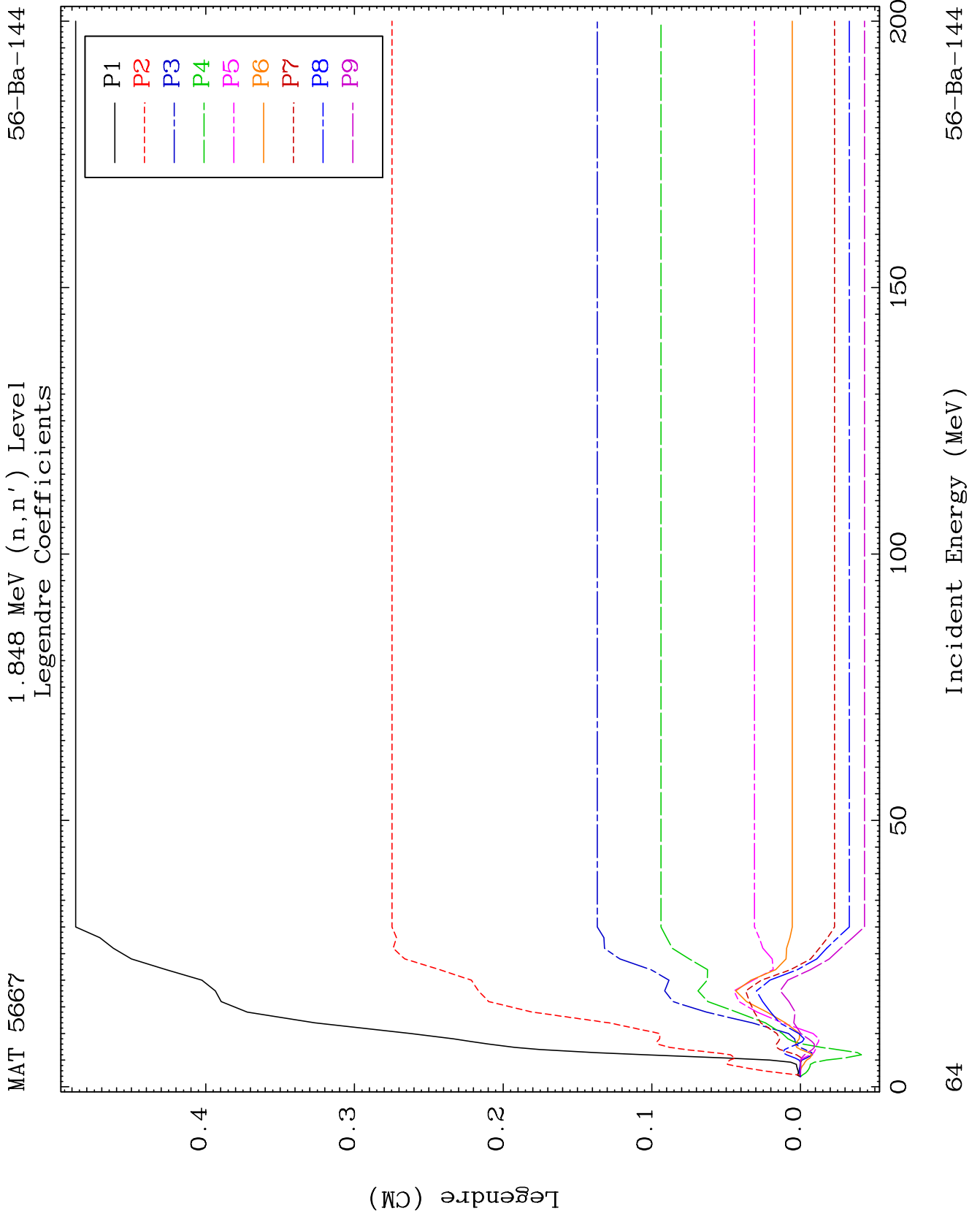


62

Incident Energy (MeV)

56-Ba-144

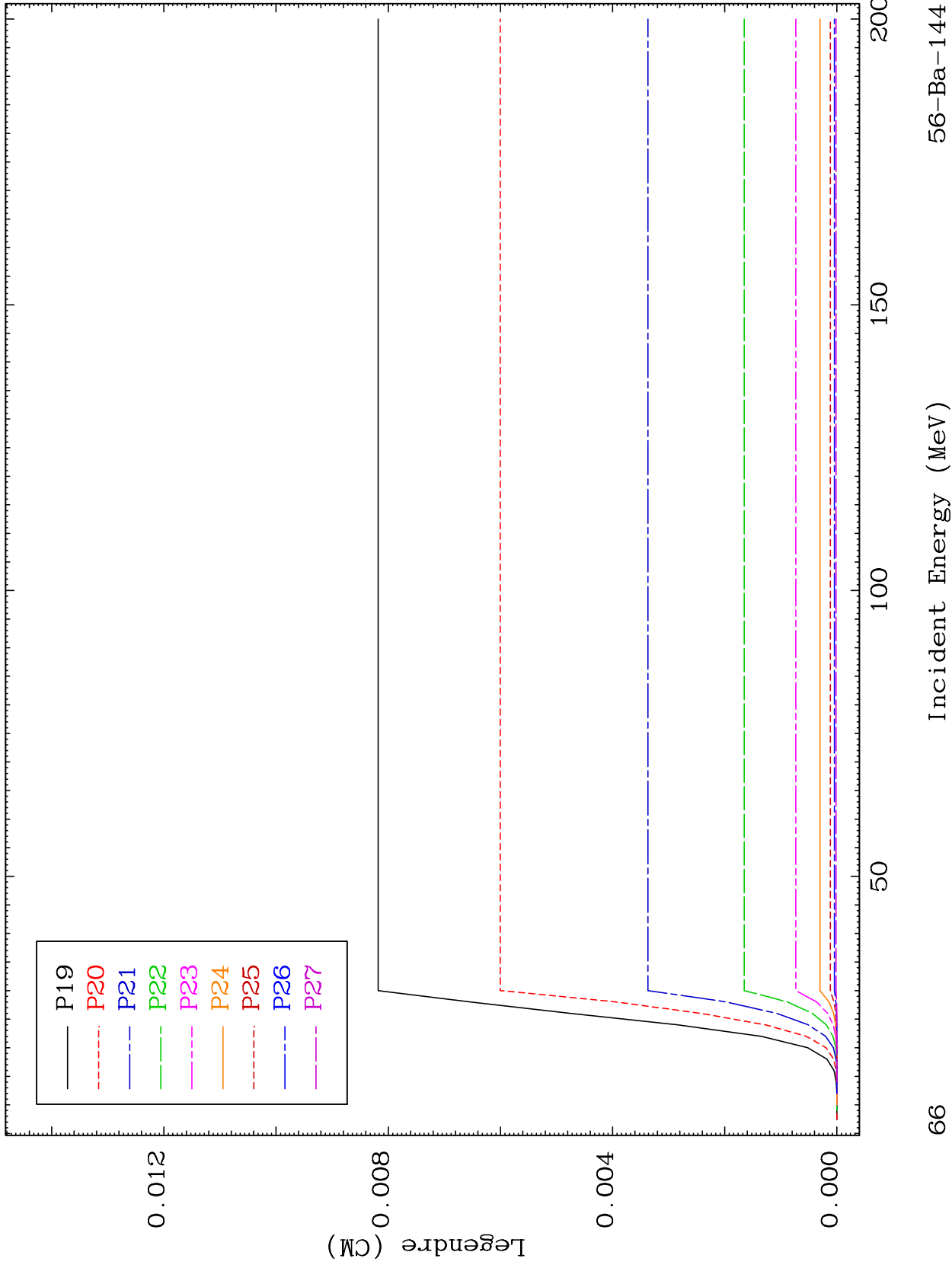




MAT 5667

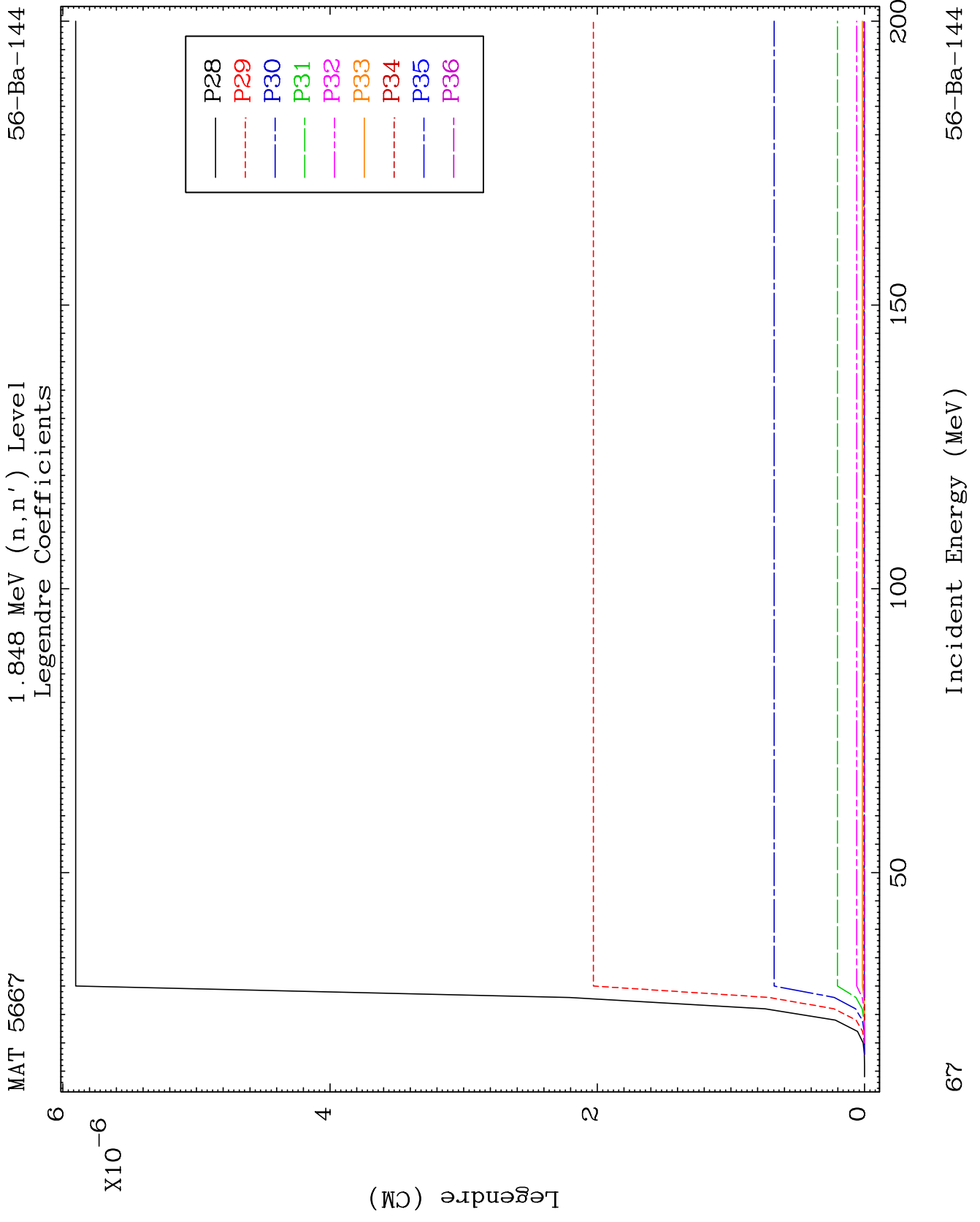
1.848 MeV (n,n') Level
Legendre Coefficients

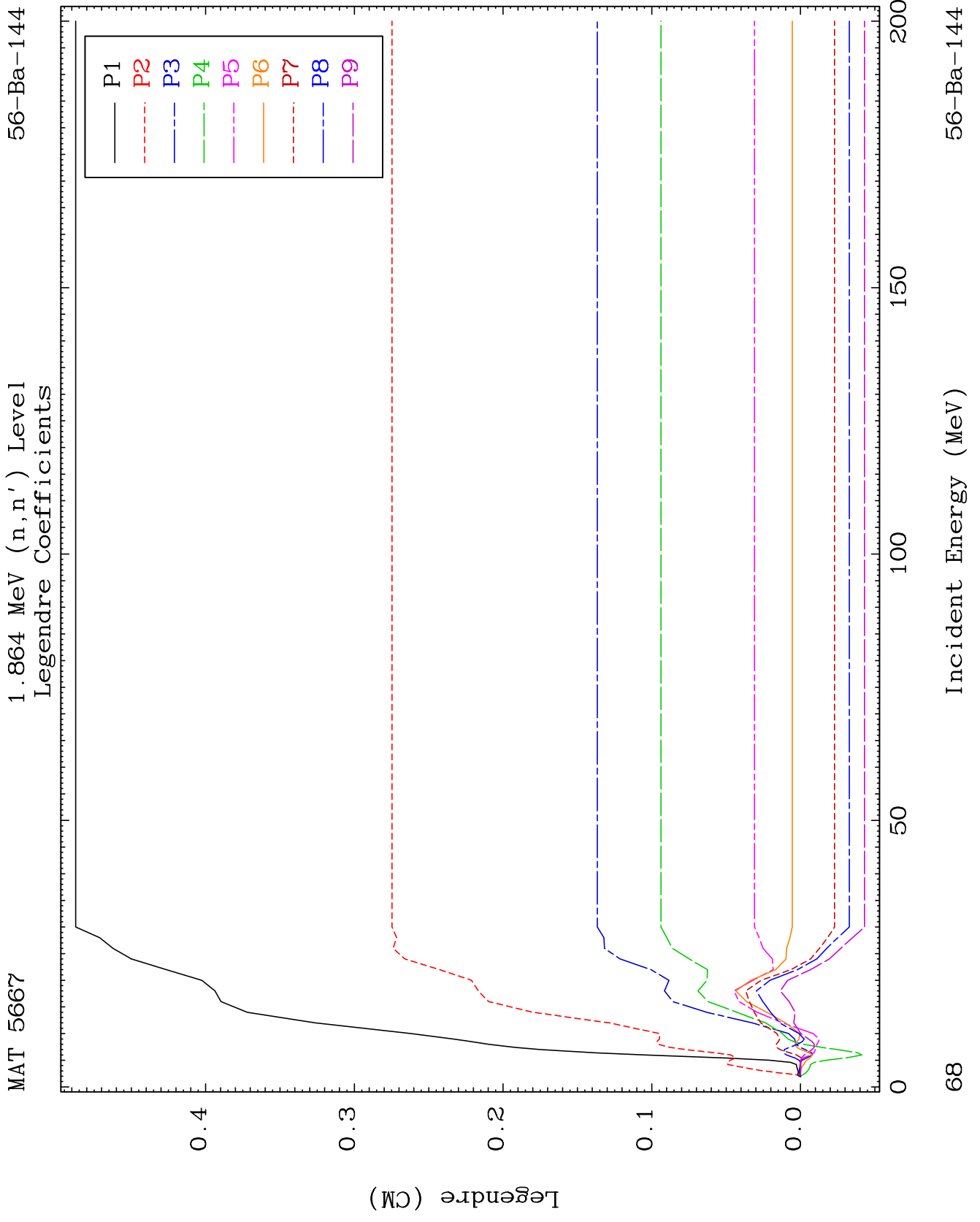
56-Ba-144



66

56-Ba-144

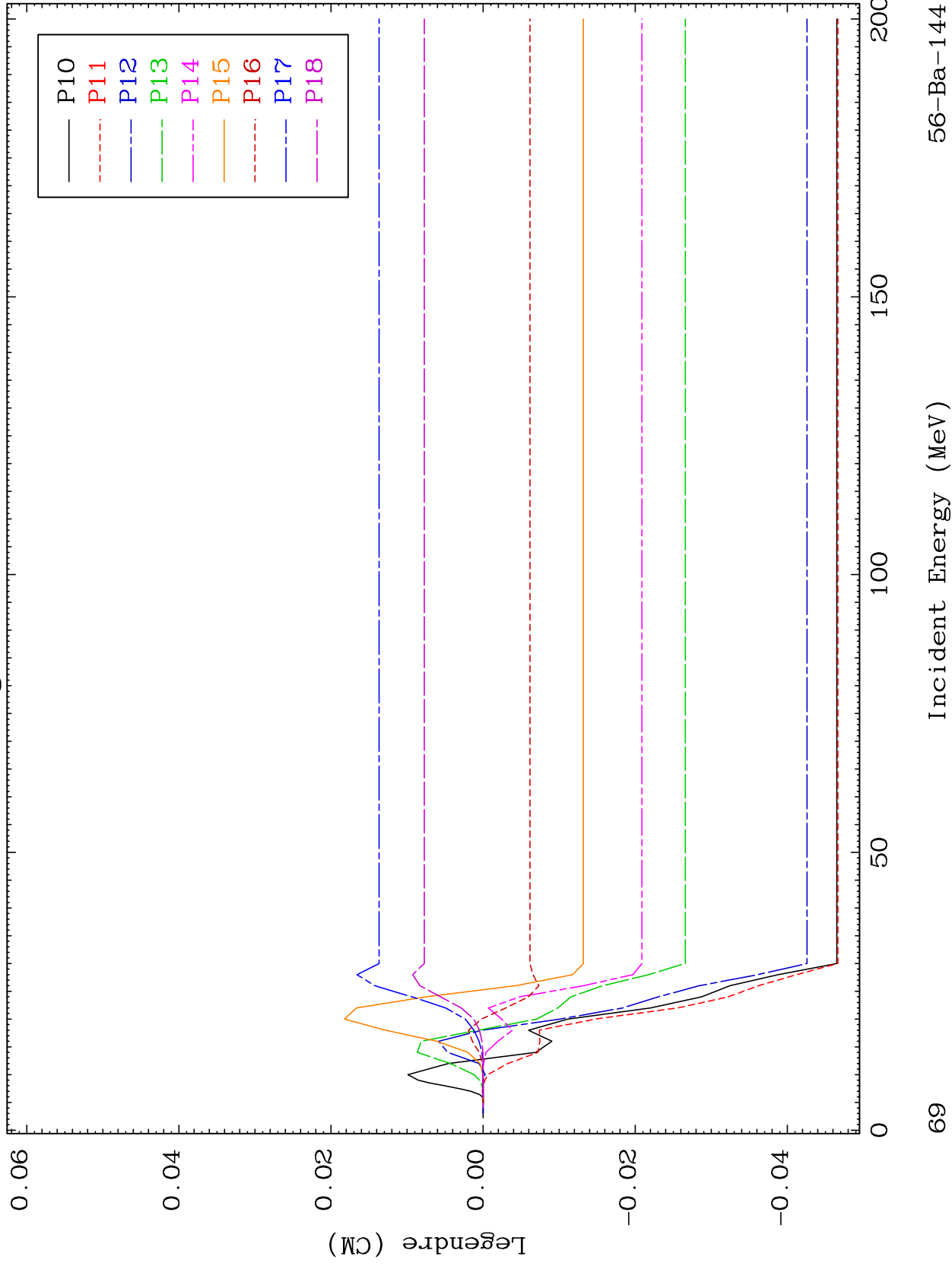




MAT 5667

1.864 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

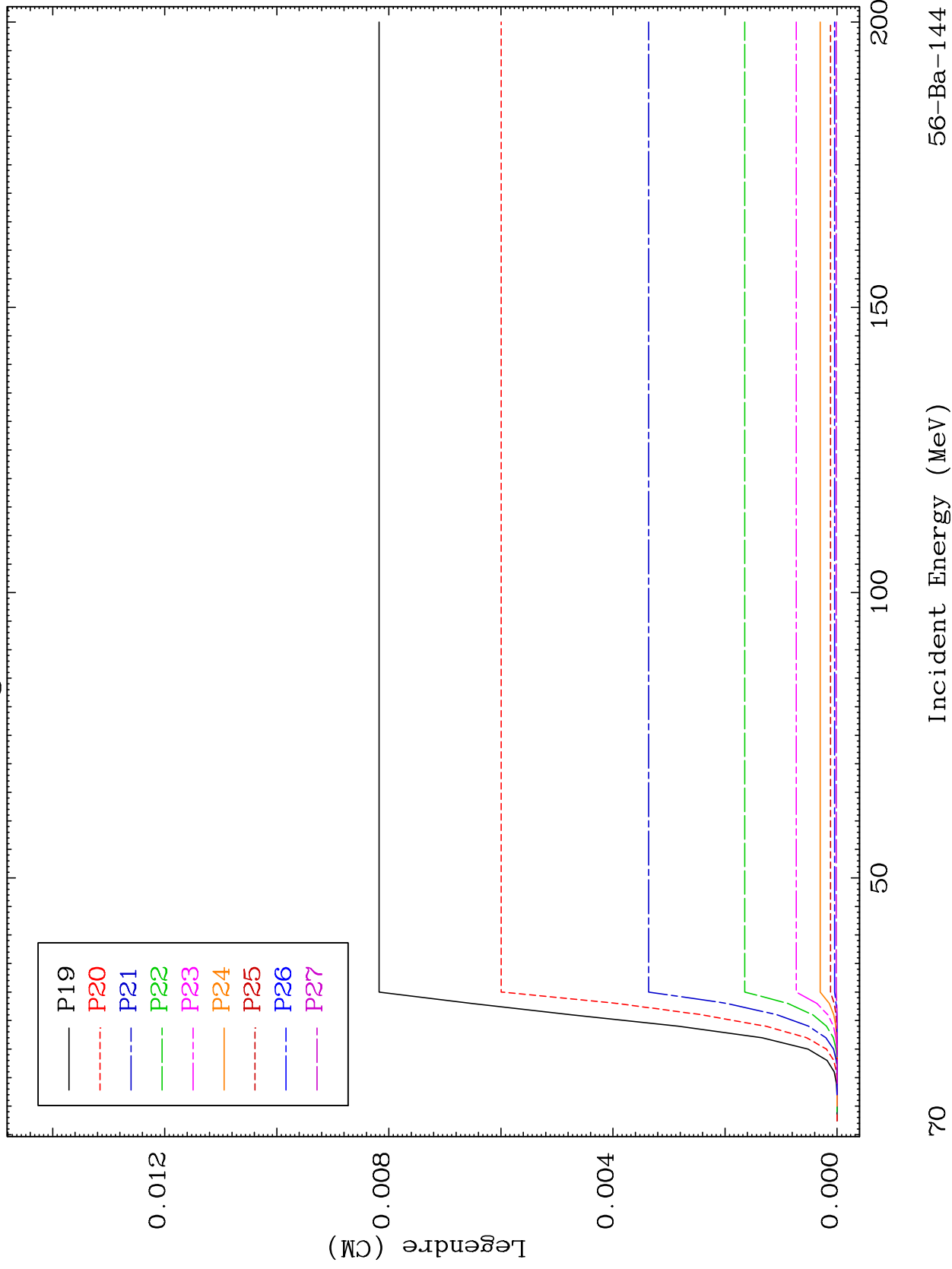
Incident Energy (MeV)

69

MAT 5667

1.864 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



70

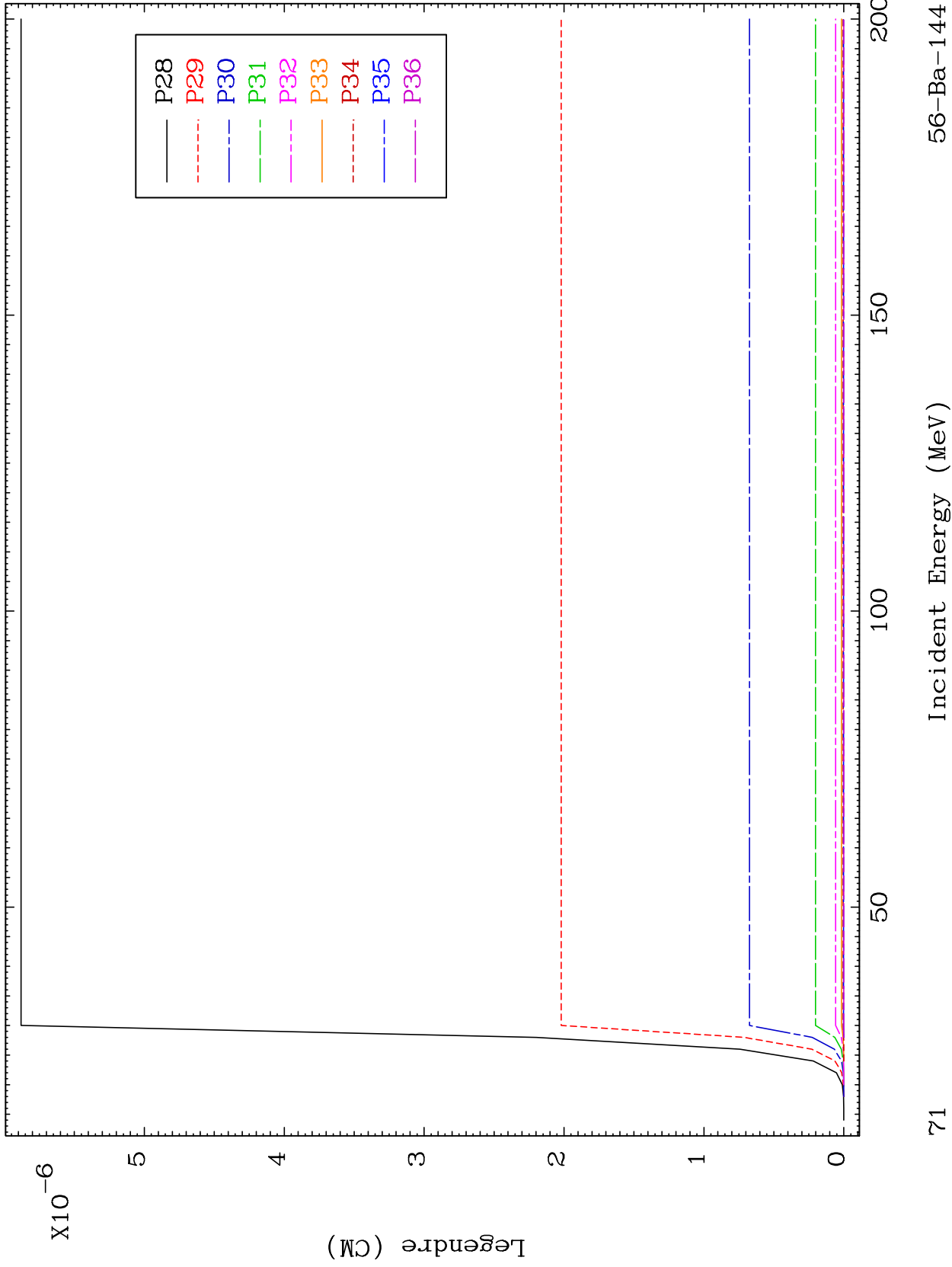
Incident Energy (MeV)

56-Ba-144

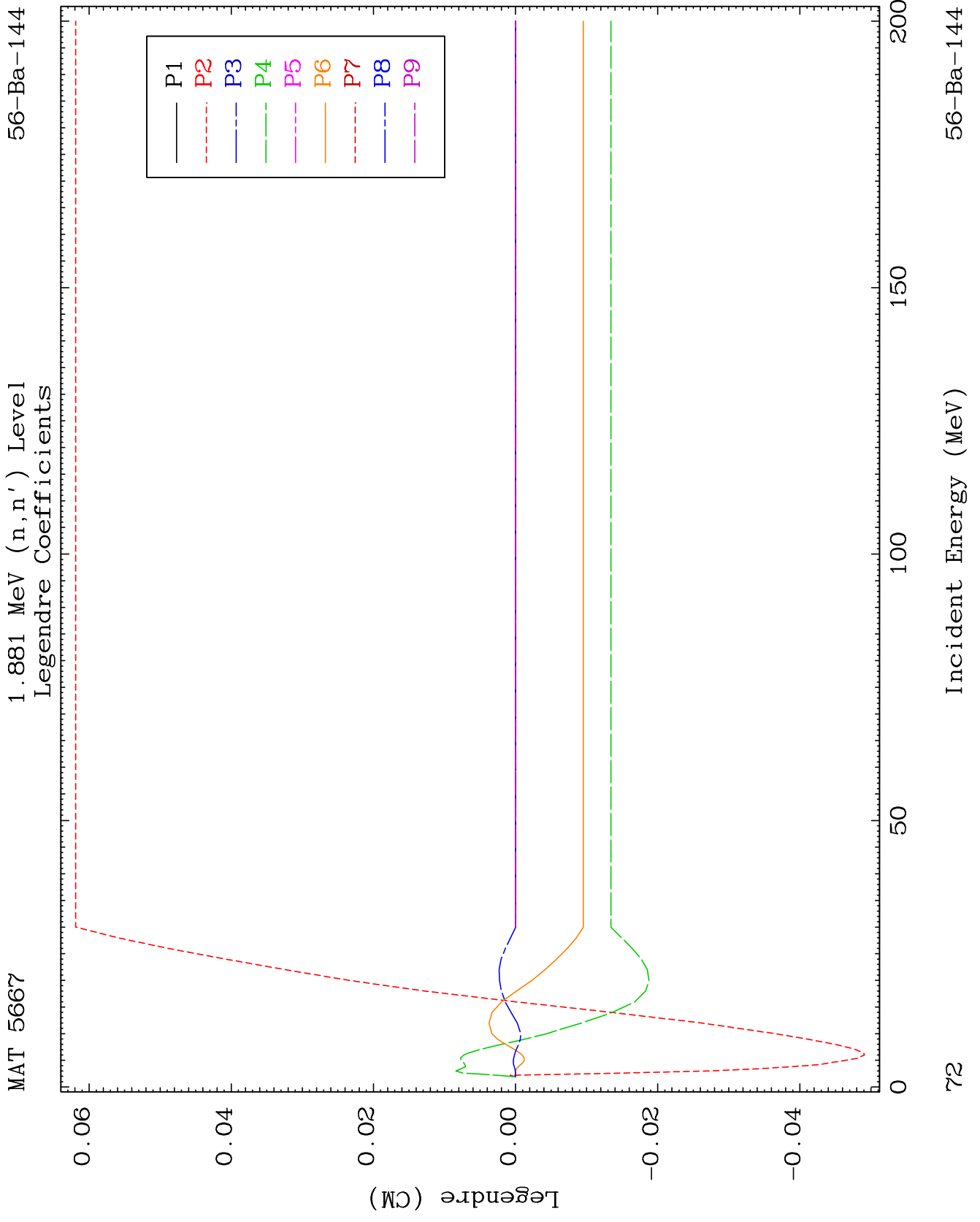
MAT 5667

1.864 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



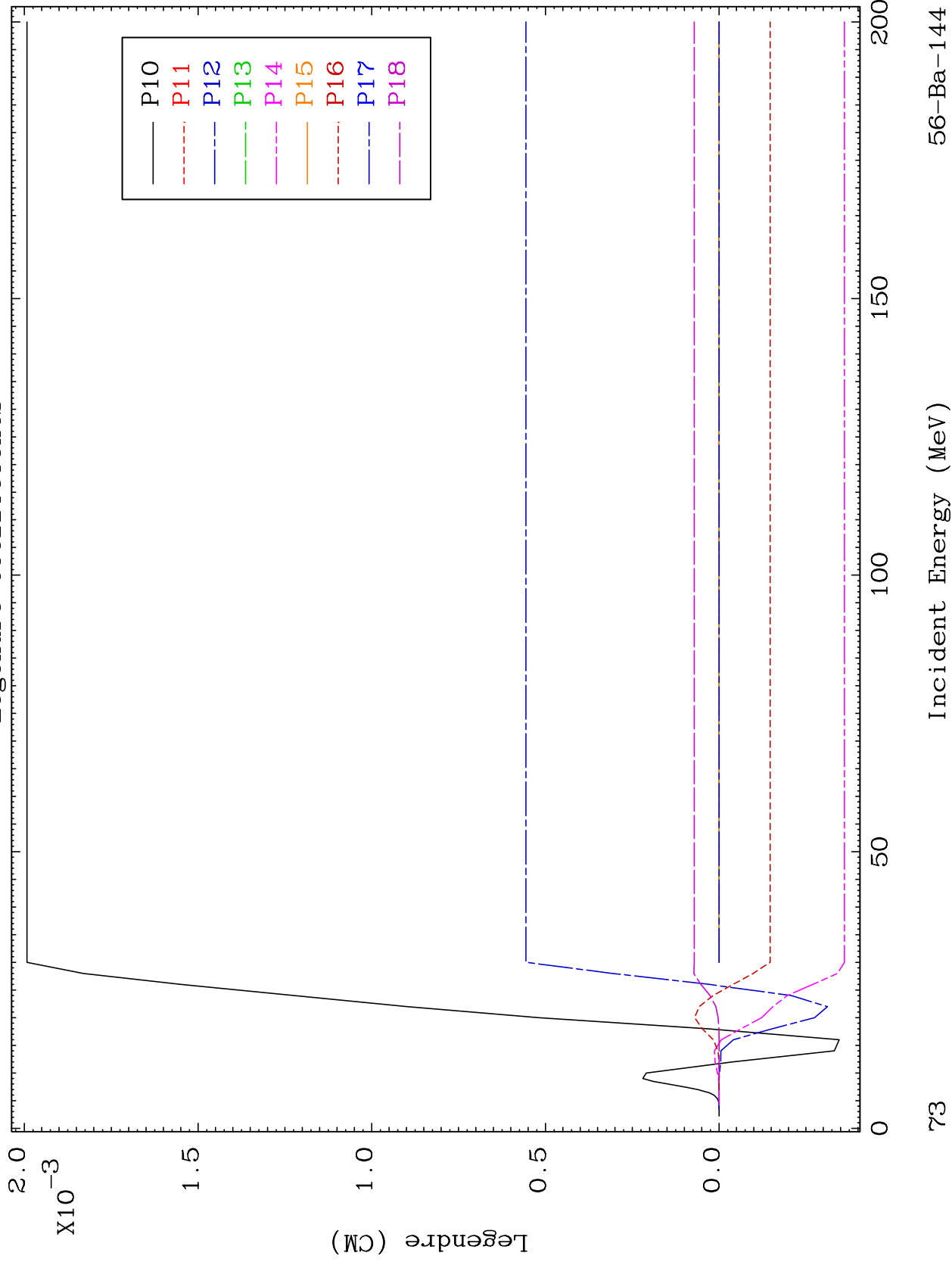
71



MAT 5667

1.881 MeV (n,n') Level
Legendre Coefficients

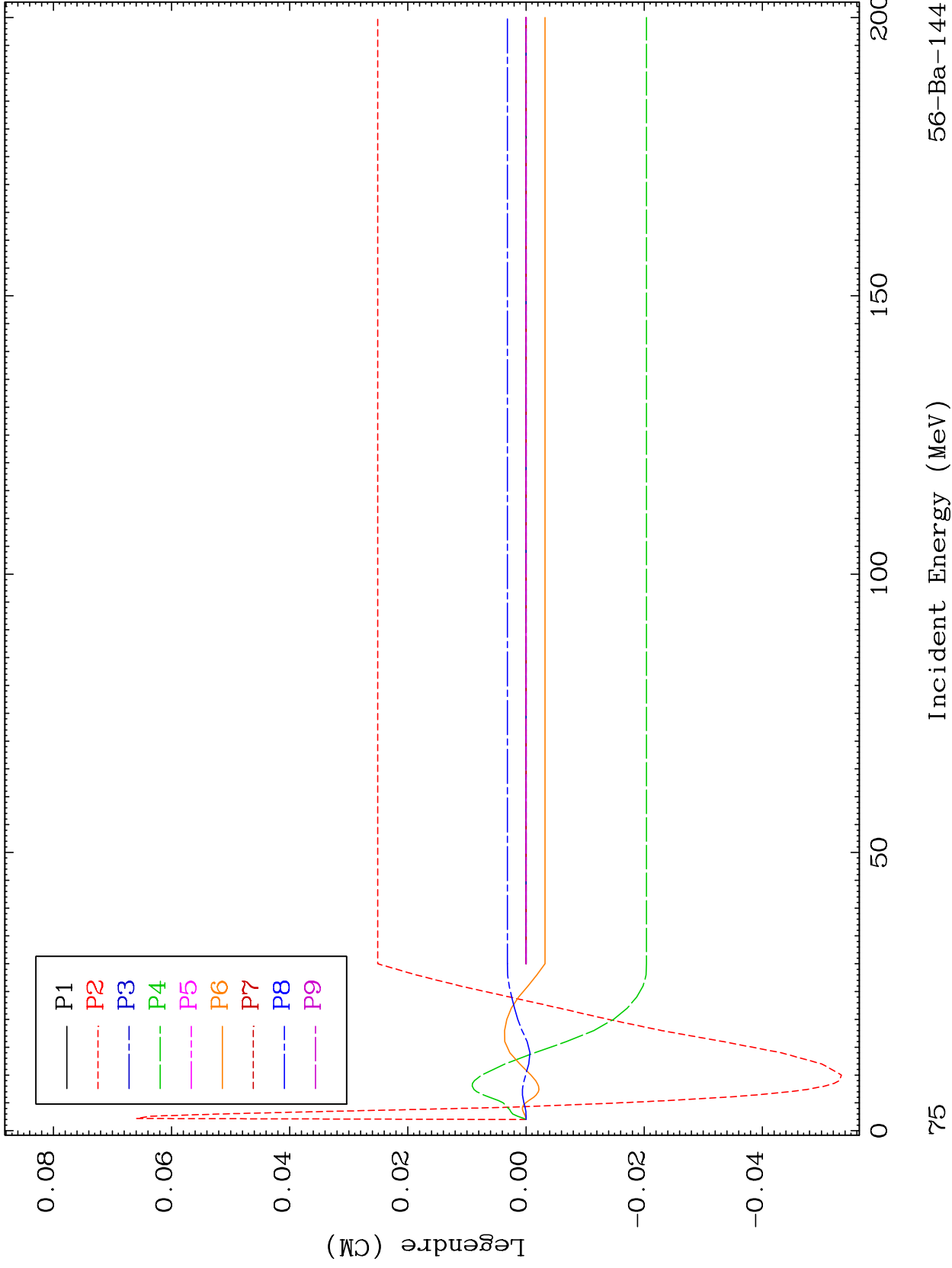
56-Ba-144



MAT 5667

1.991 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

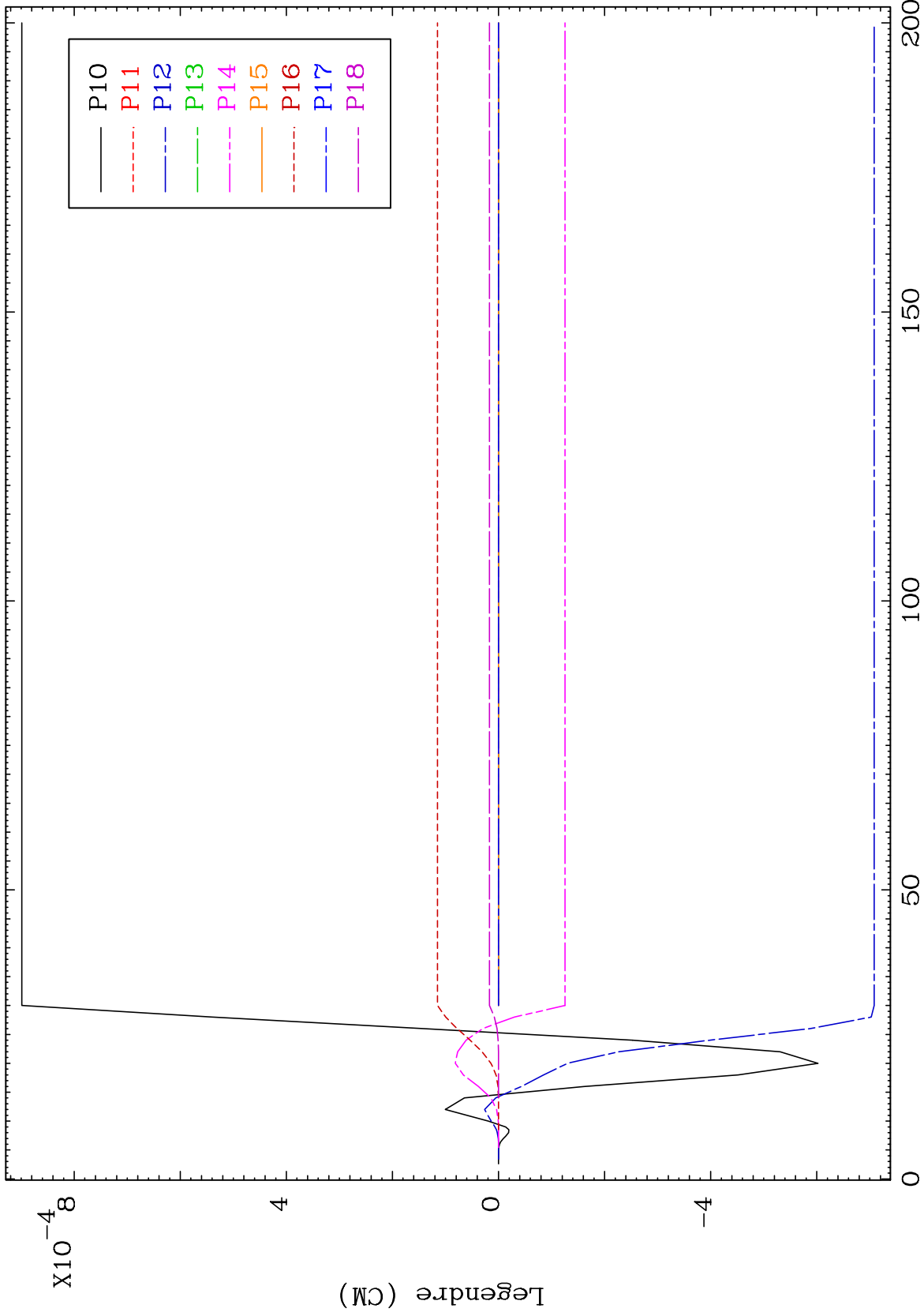
Incident Energy (MeV)

75

MAT 5667

1.991 MeV (n,n') Level
Legendre Coefficients

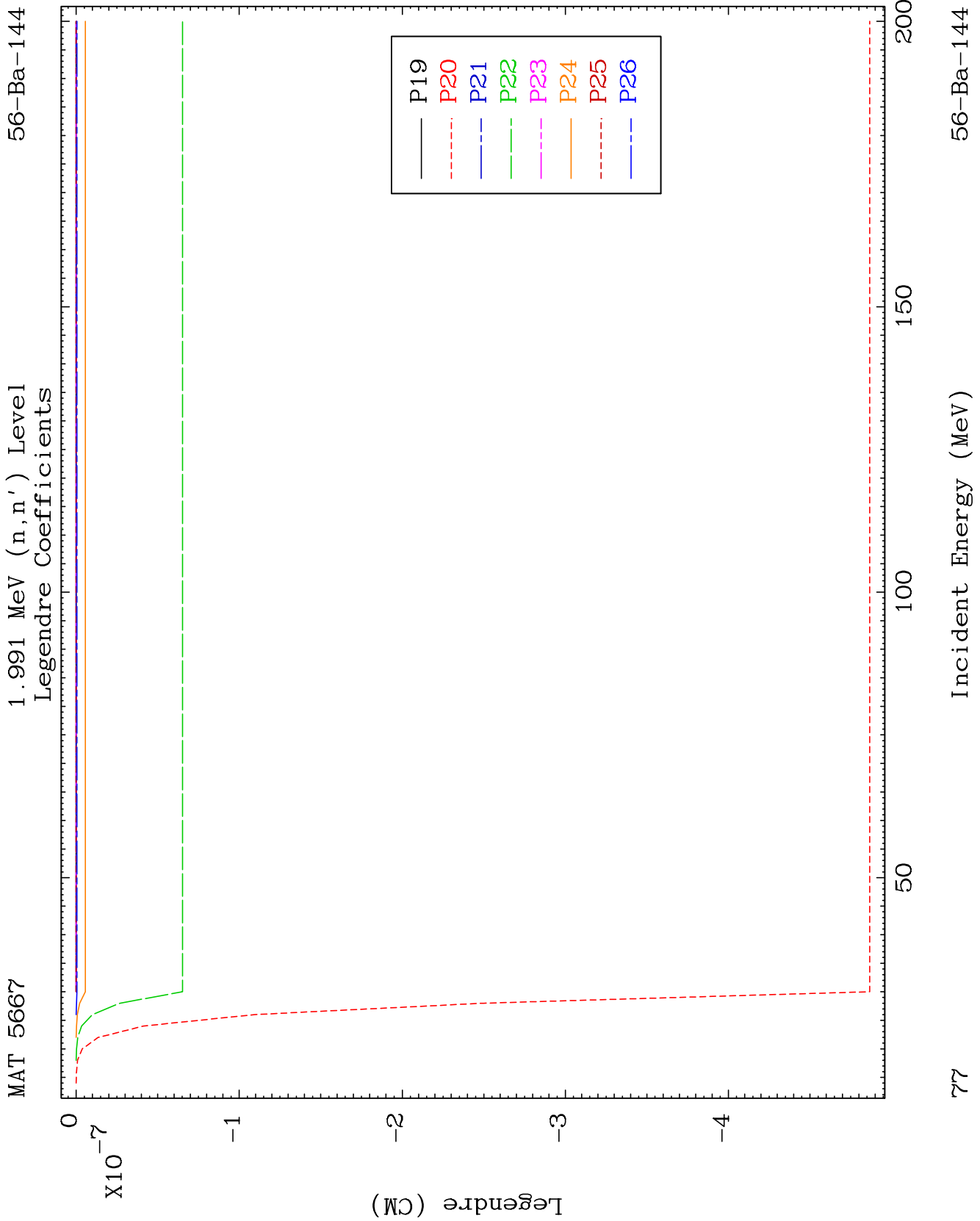
56-Ba-144



76

Incident Energy (MeV)

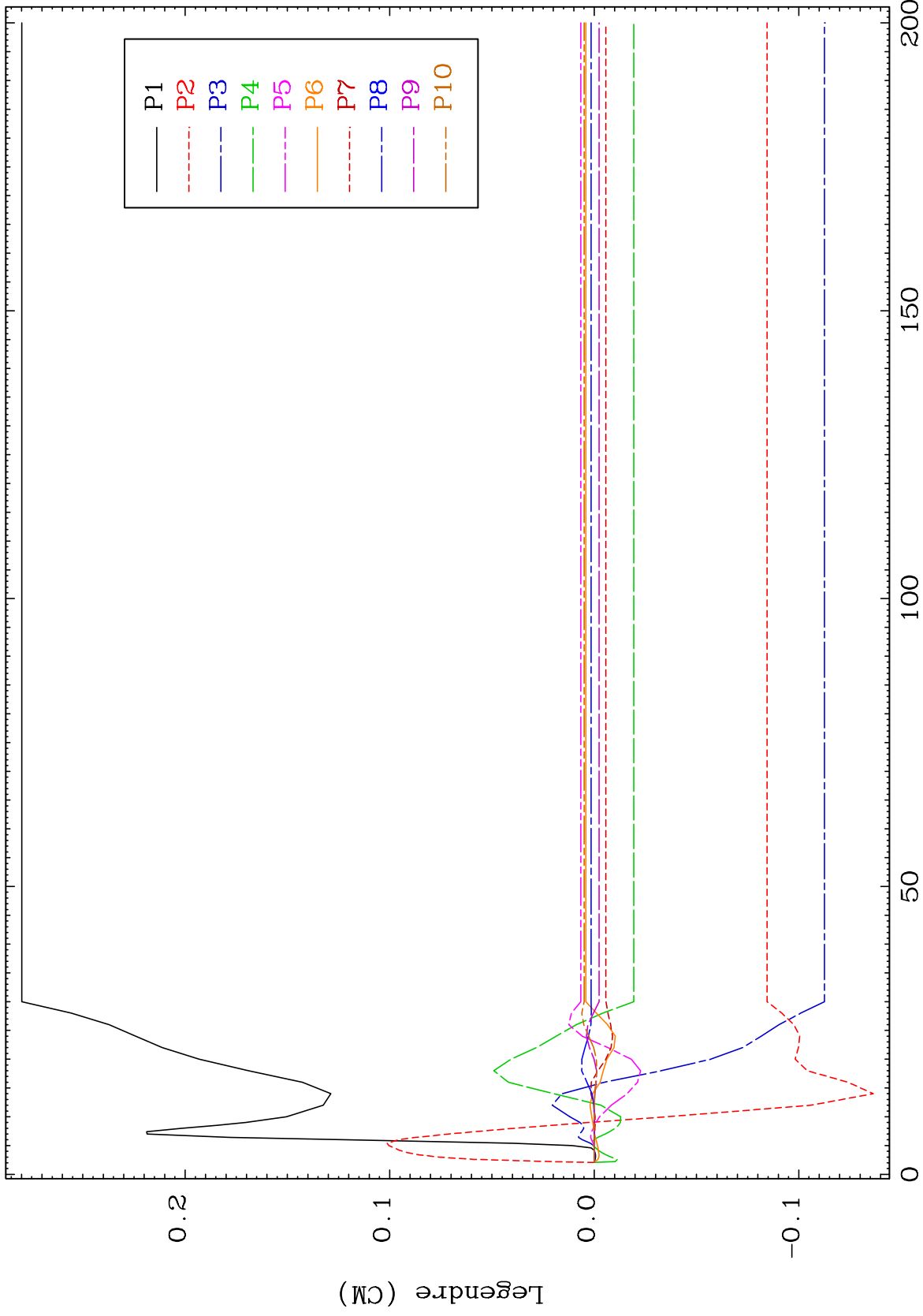
56-Ba-144



MAT 5667

2.044 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



78

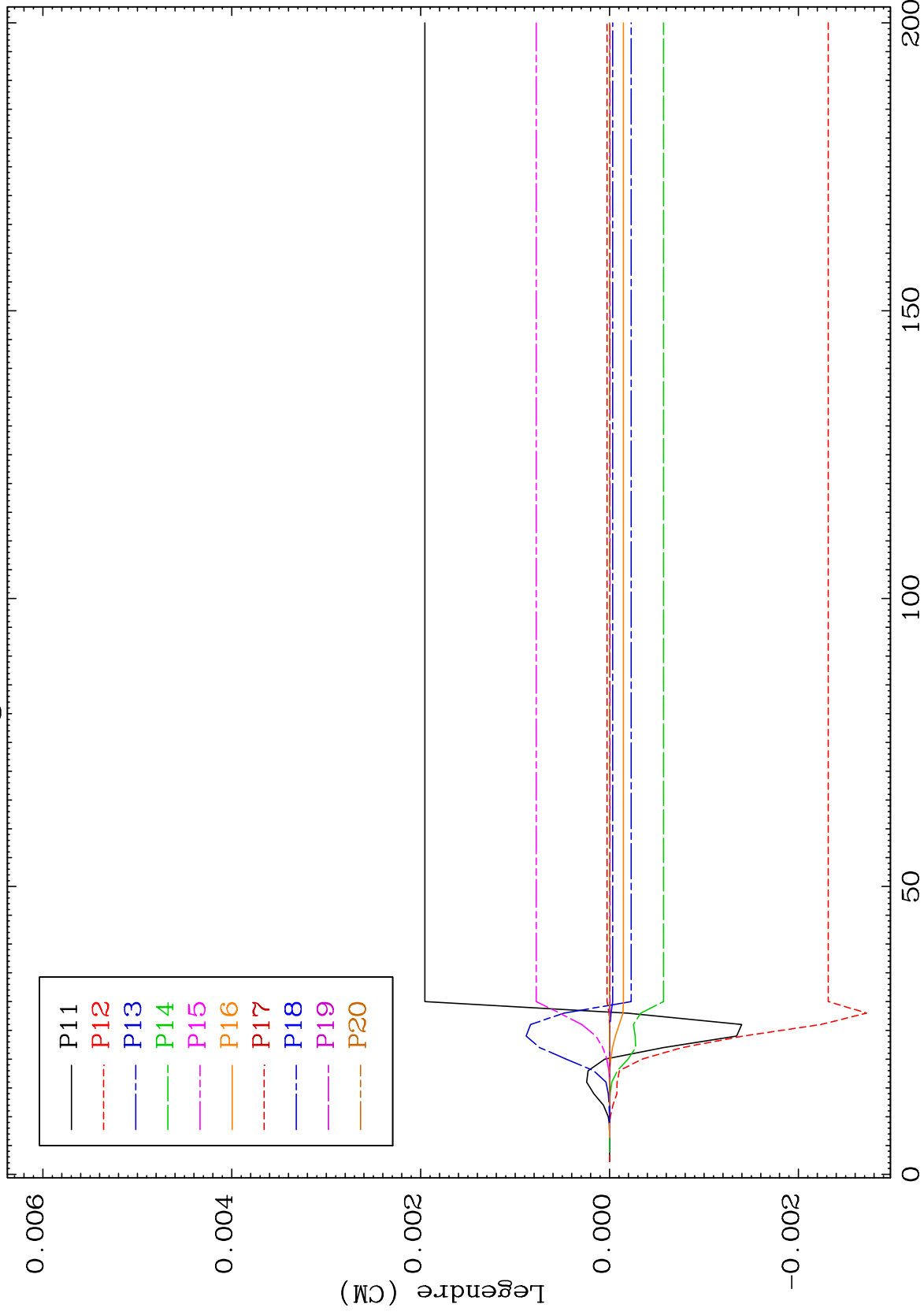
Incident Energy (MeV)

56-Ba-144

MAT 5667

2.044 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



79

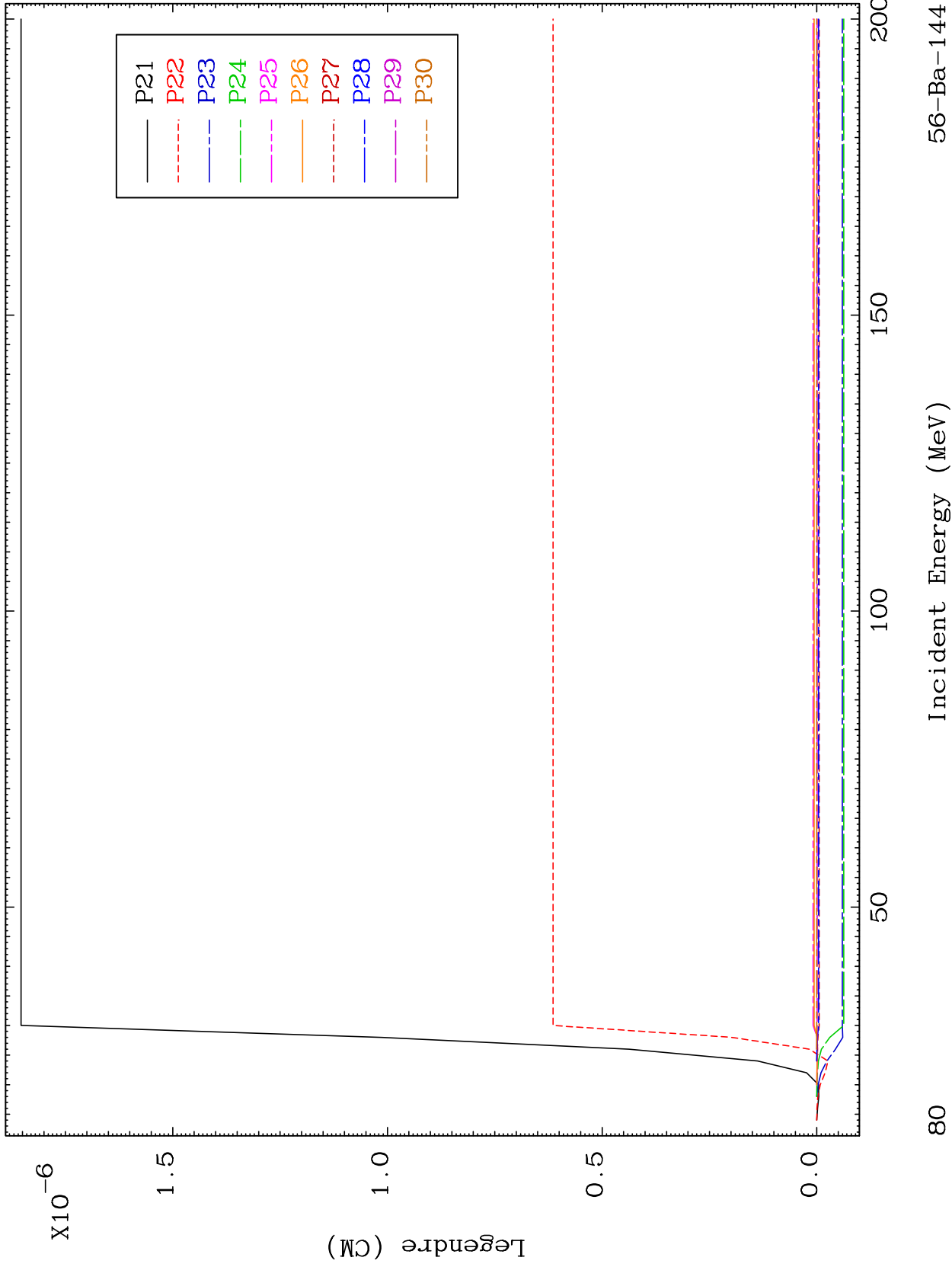
Incident Energy (MeV)

56-Ba-144

MAT 5667

2.044 MeV (n,n') Level
Legendre Coefficients

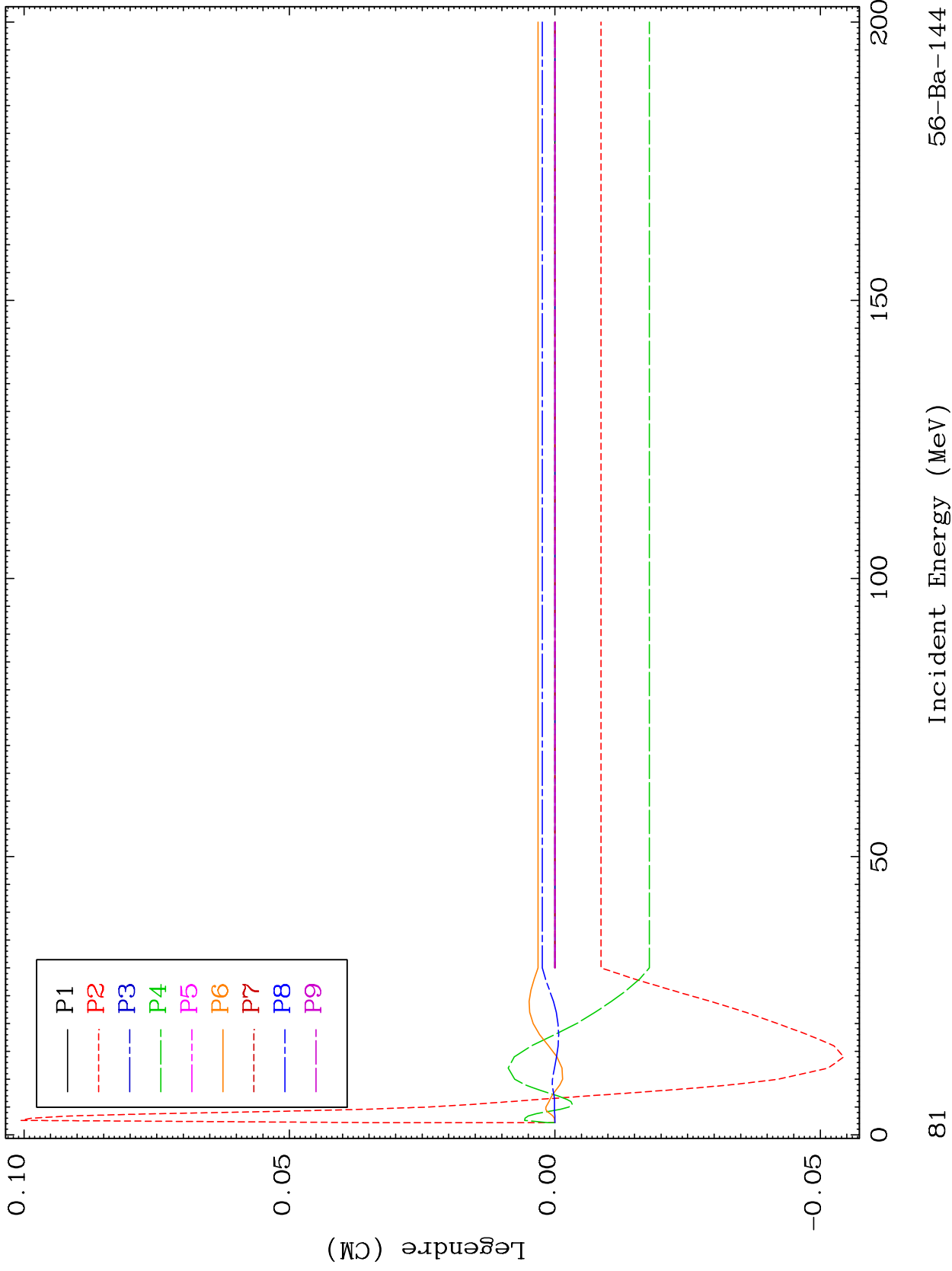
56-Ba-144



MAT 5667

2.159 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



81

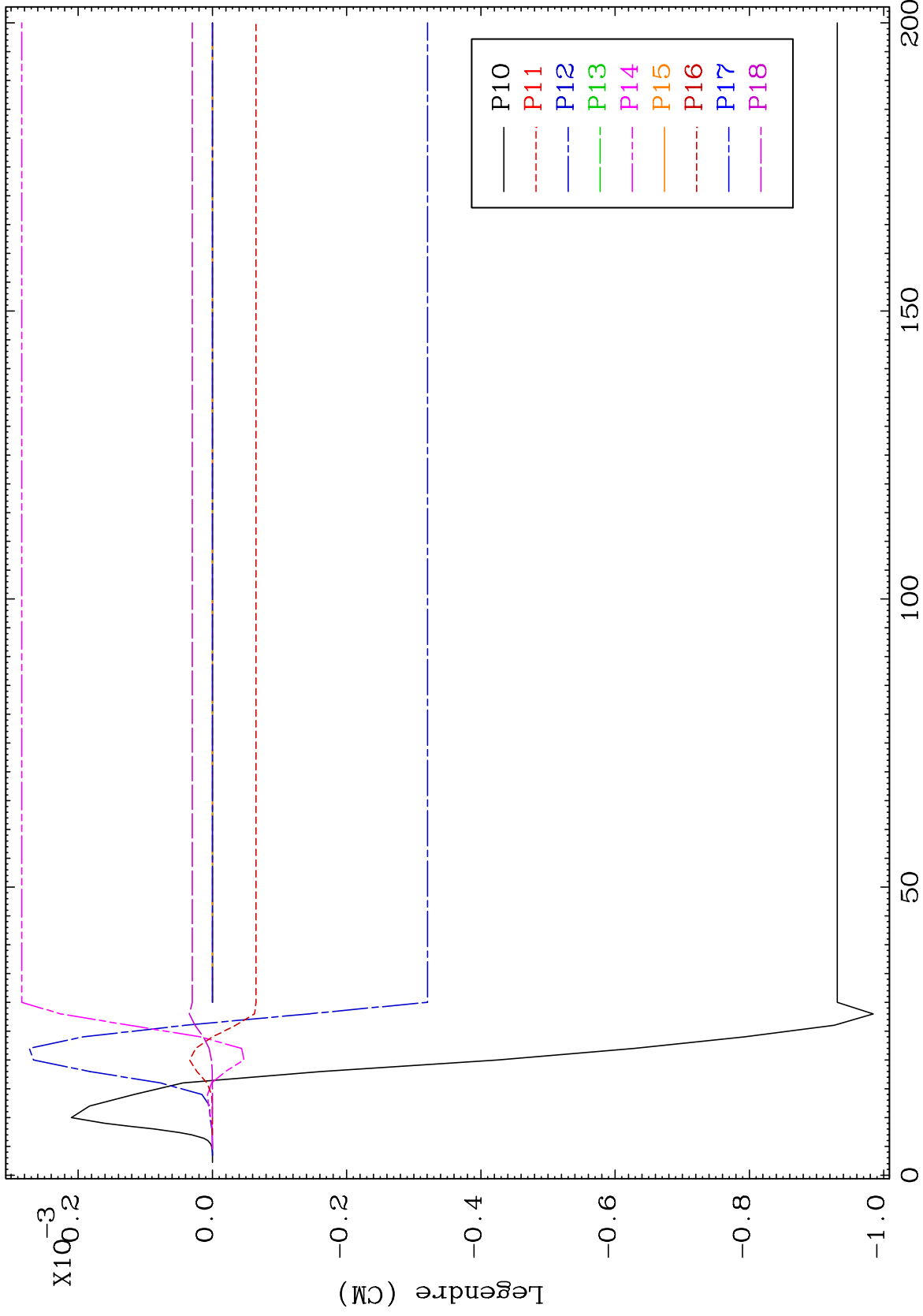
Incident Energy (MeV)

56-Ba-144

MAT 5667

2.159 MeV (n, n') Level
Legendre Coefficients

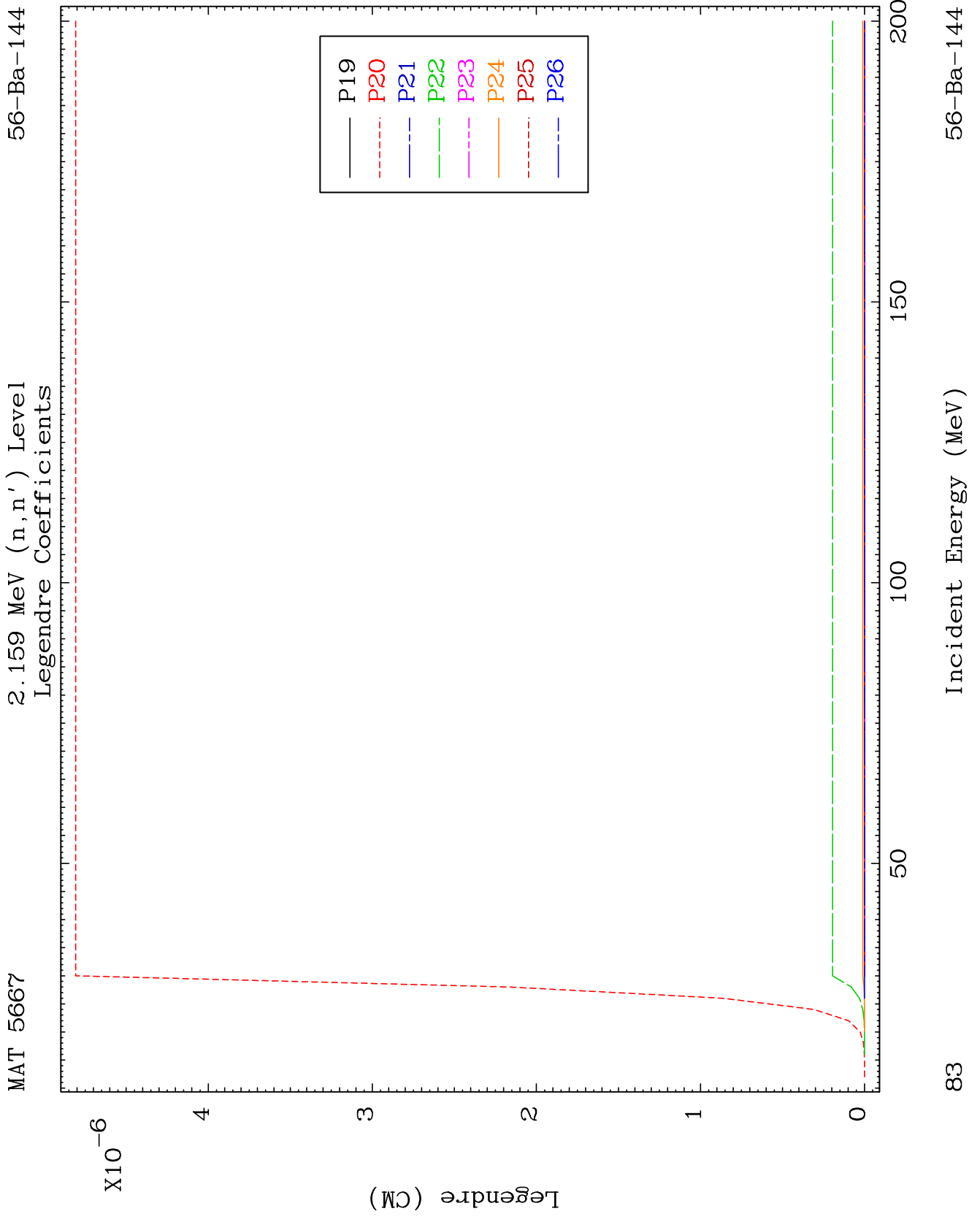
56-Ba-144

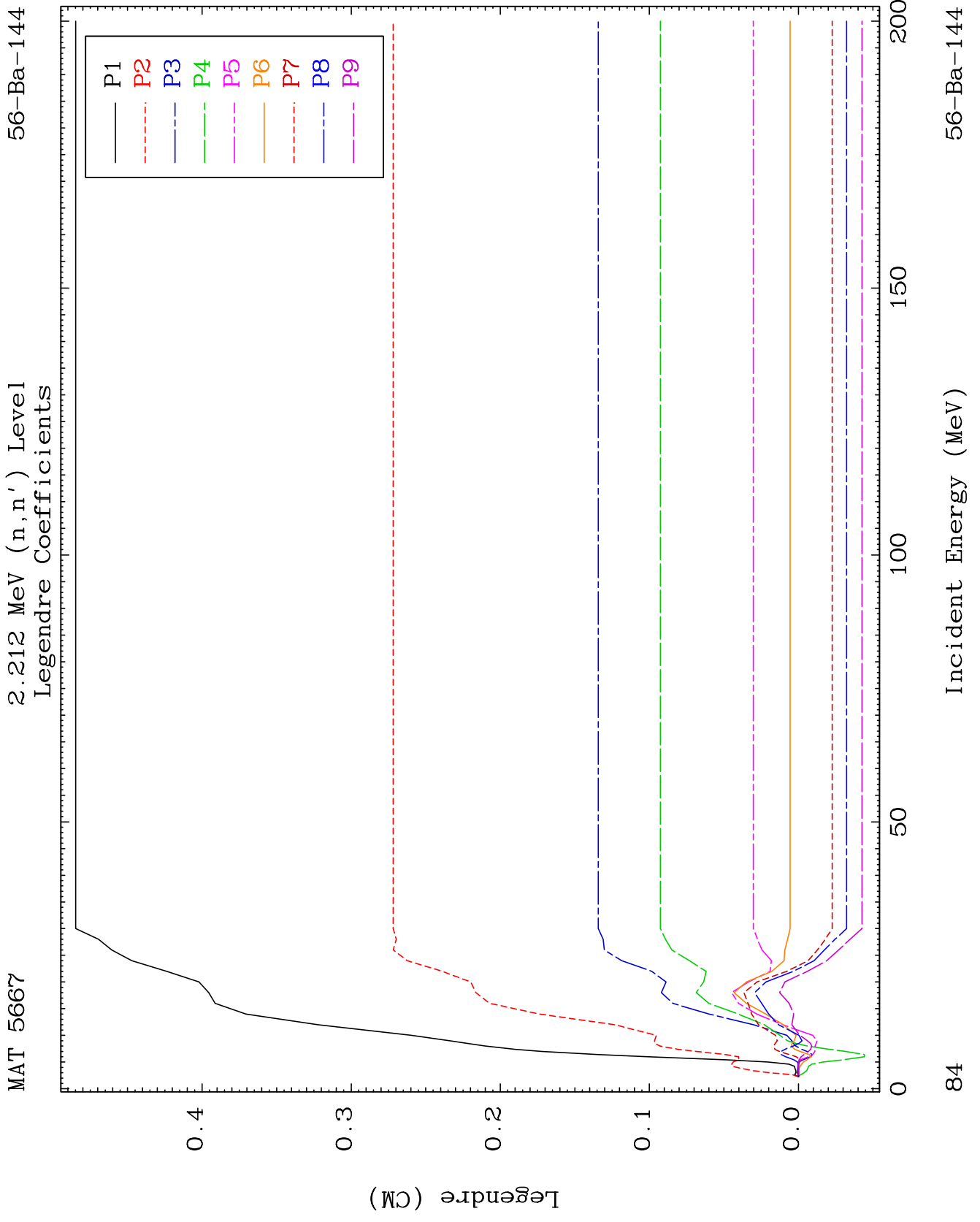


82

Incident Energy (MeV)

56-Ba-144

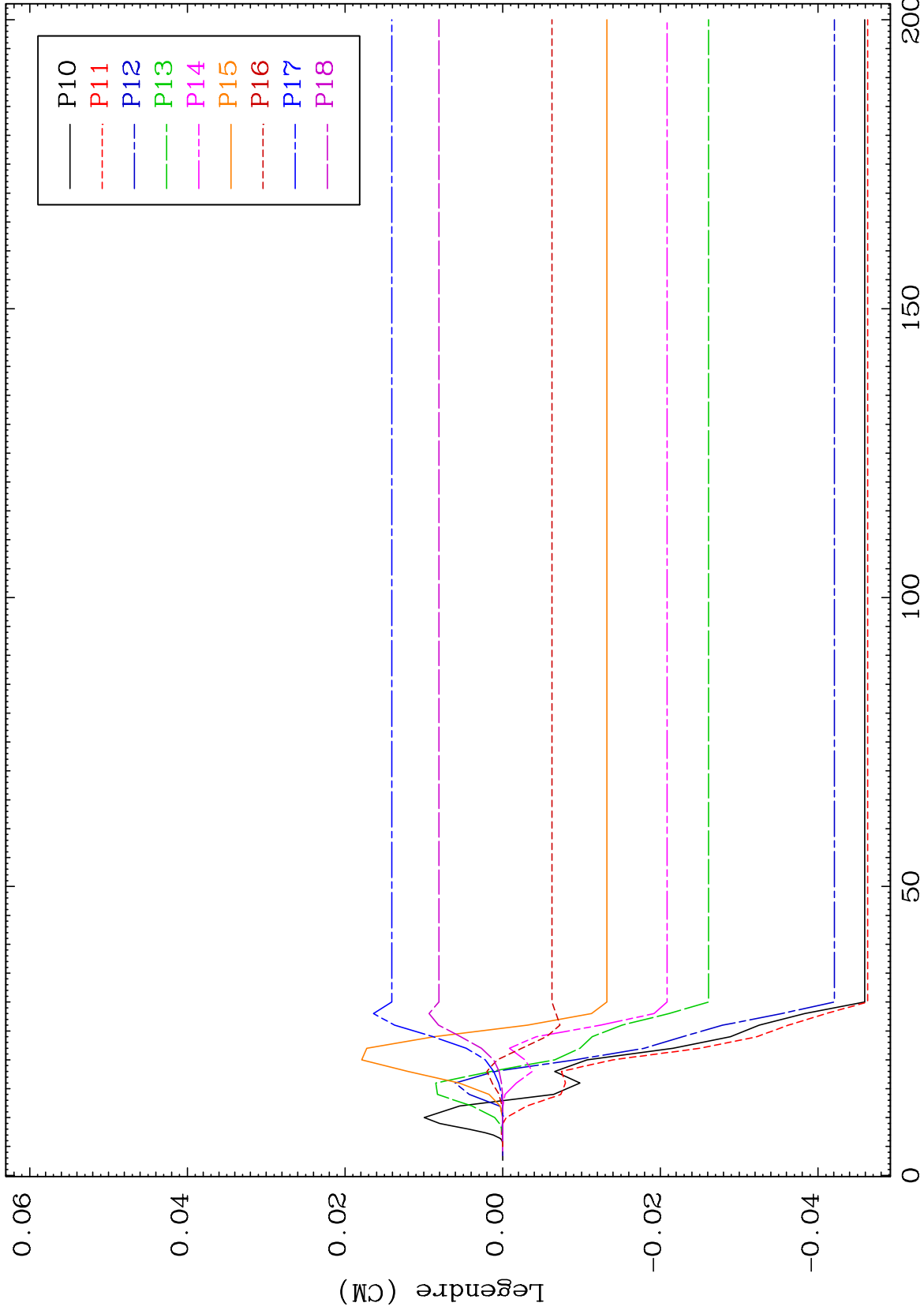




MAT 5667

2.212 MeV (n,n') Level
Legendre Coefficients

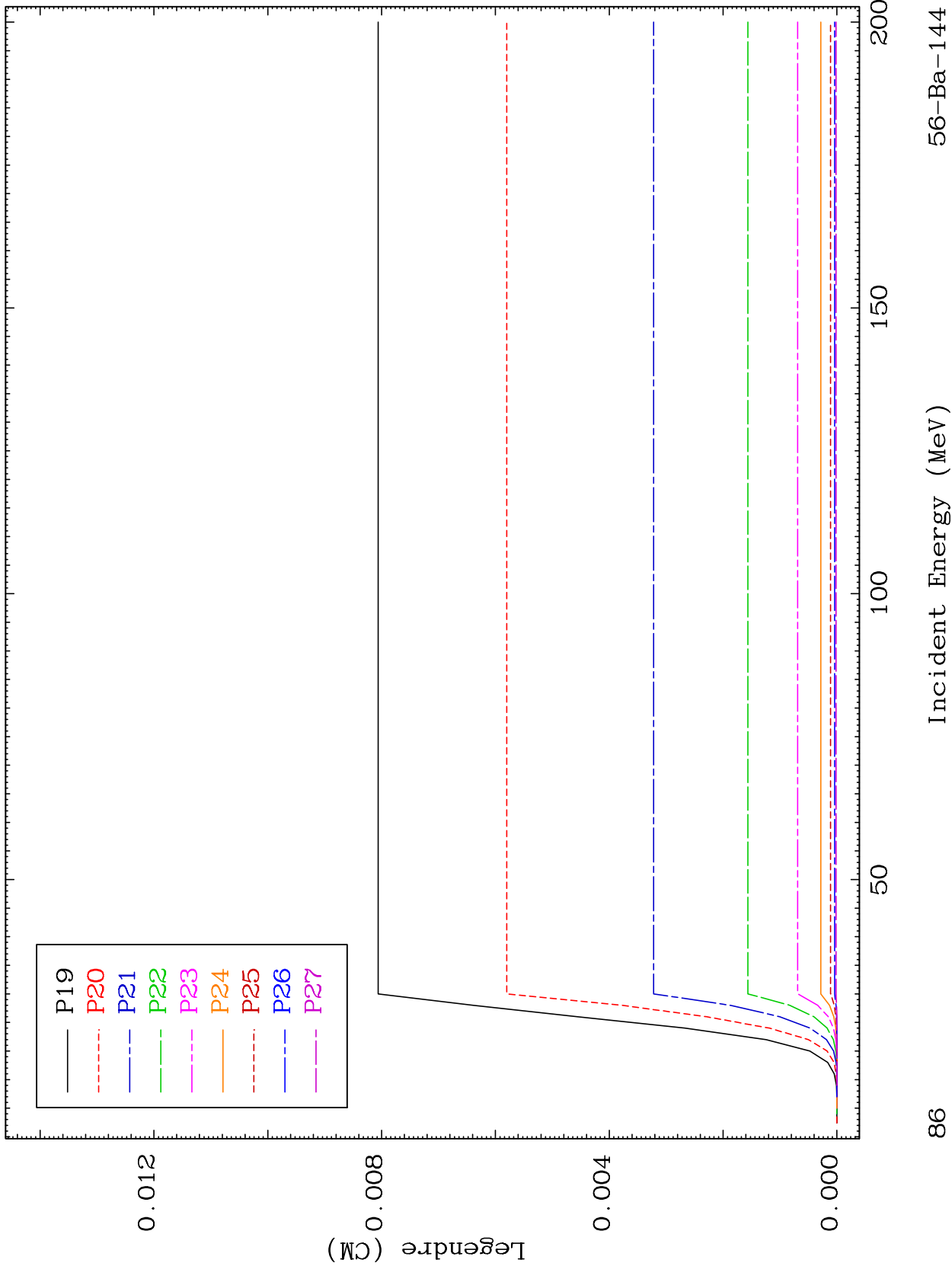
56-Ba-144



85

Incident Energy (MeV)

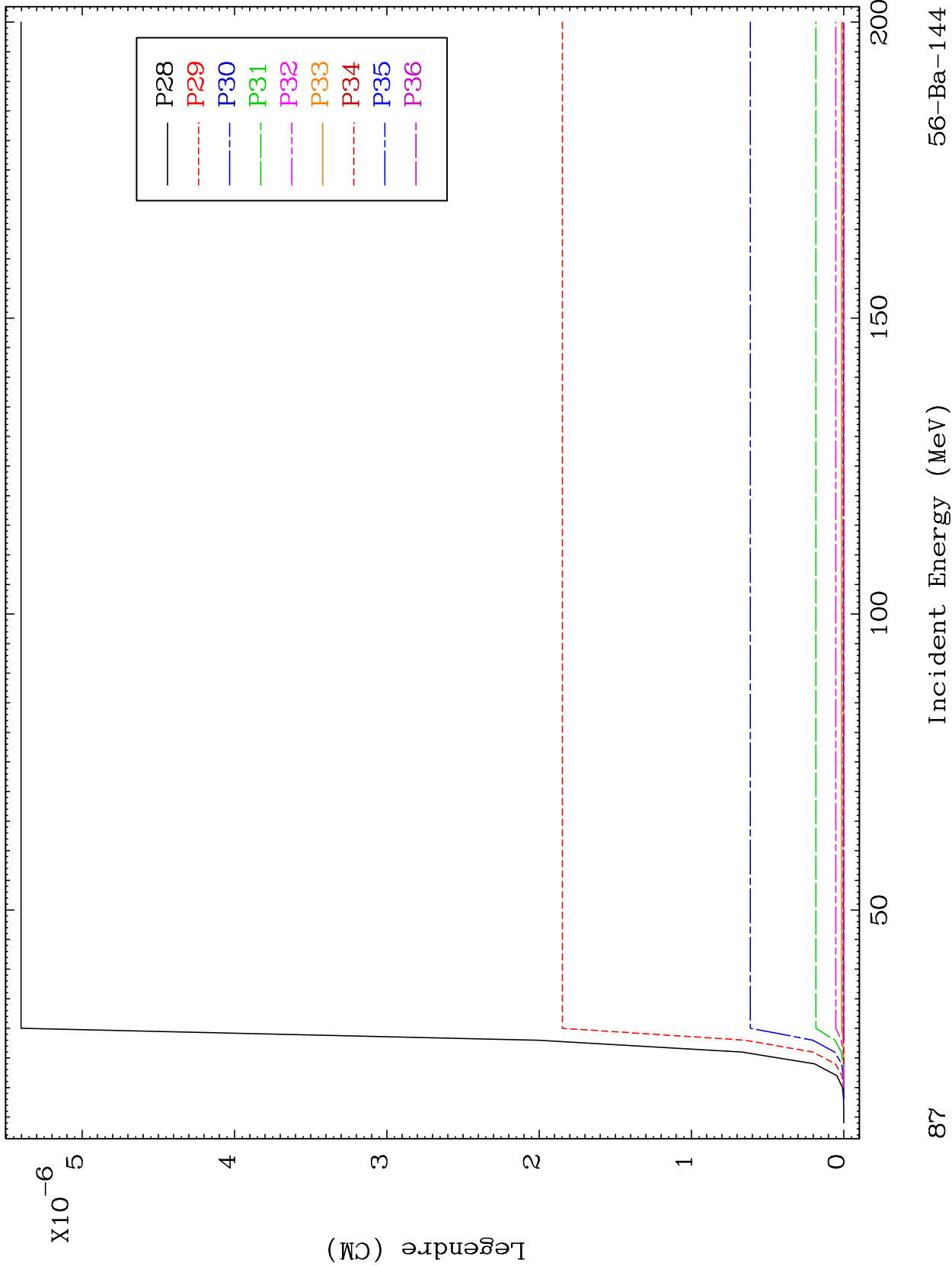
56-Ba-144



MAT 5667

2.212 MeV (n, n') Level
Legendre Coefficients

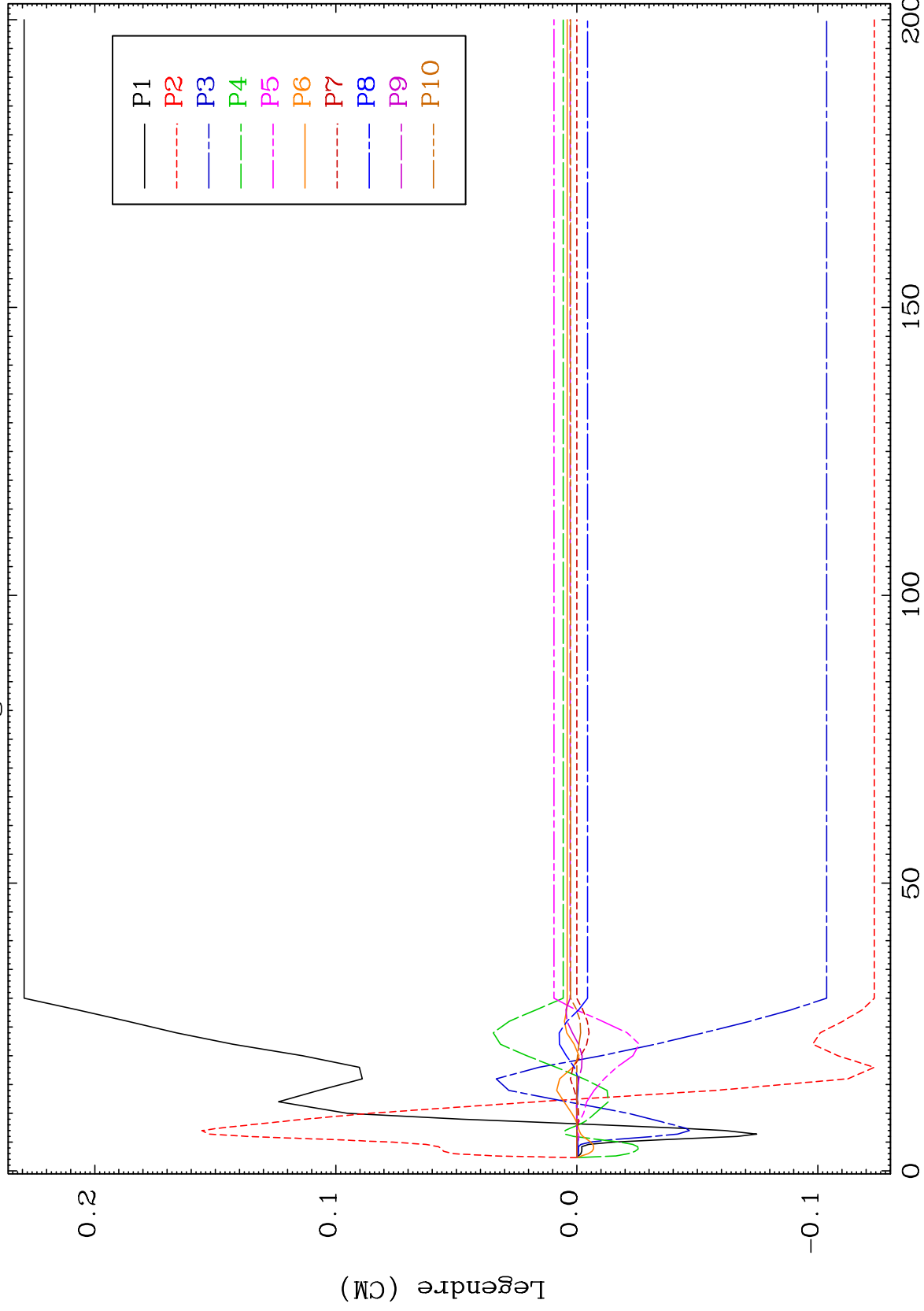
56-Ba-144



MAT 5667

2.279 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

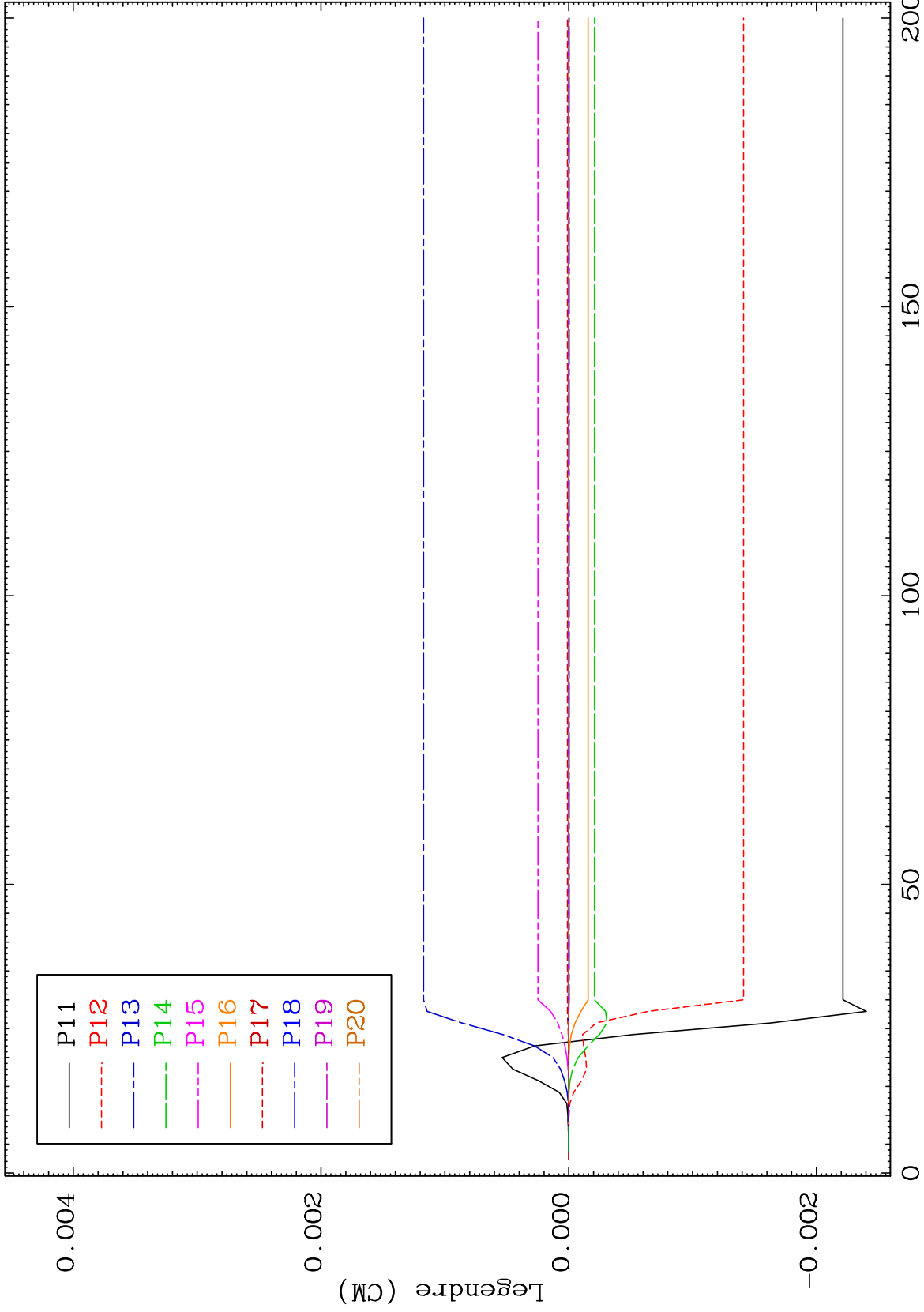
Incident Energy (MeV)

88

MAT 5667

2.279 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



89

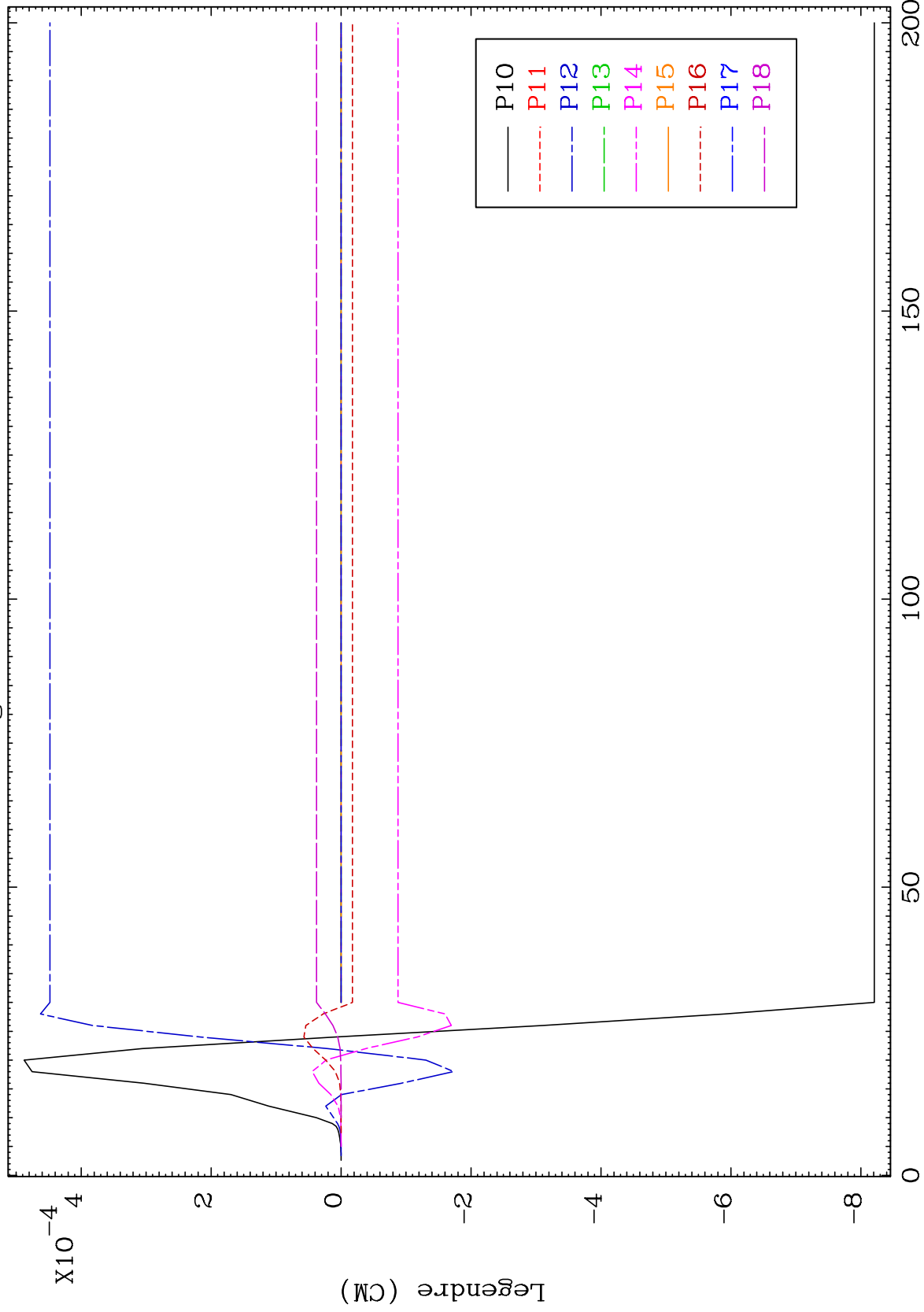
Incident Energy (MeV)

56-Ba-144

MAT 5667

2.363 MeV (n,n') Level
Legendre Coefficients

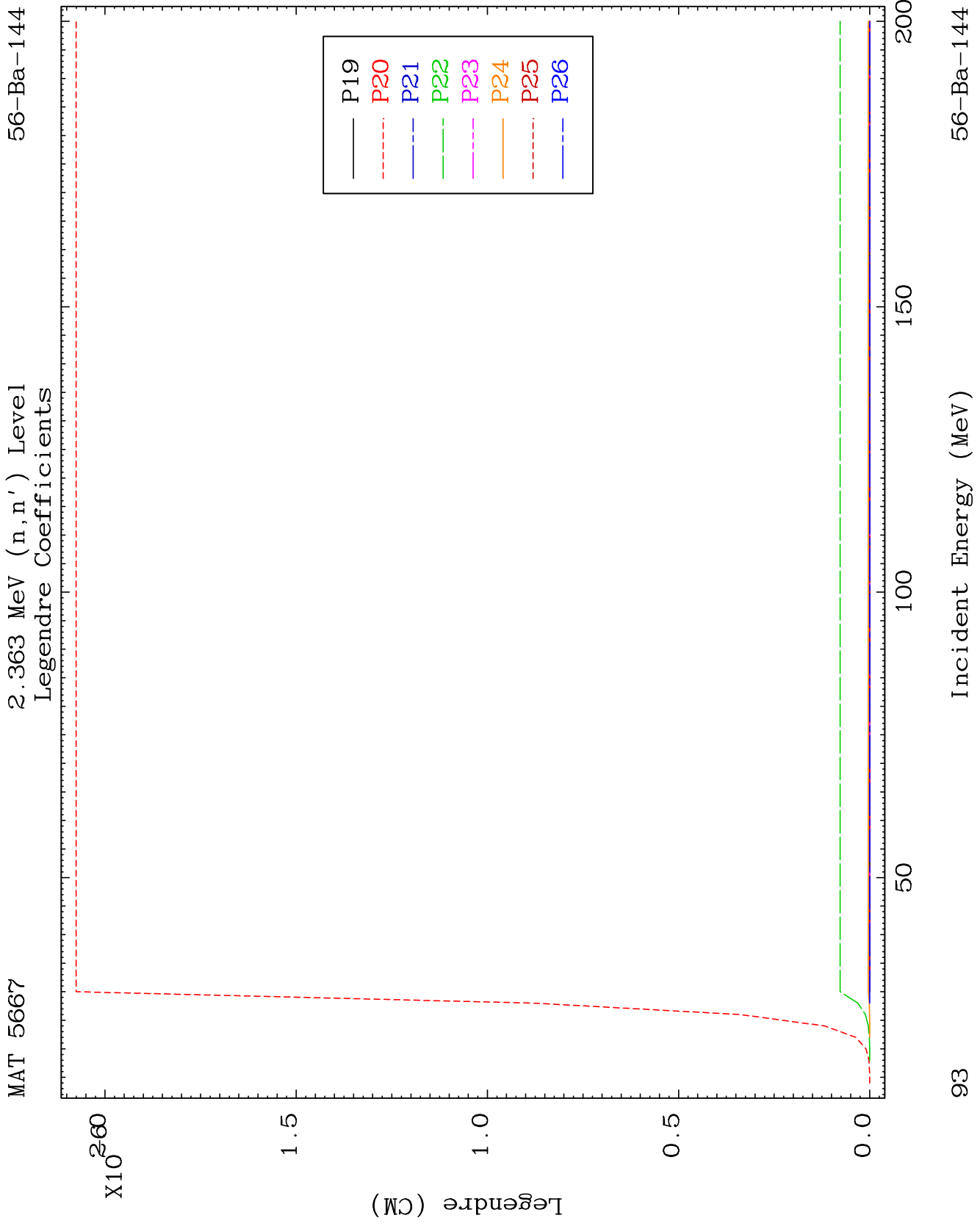
56-Ba-144

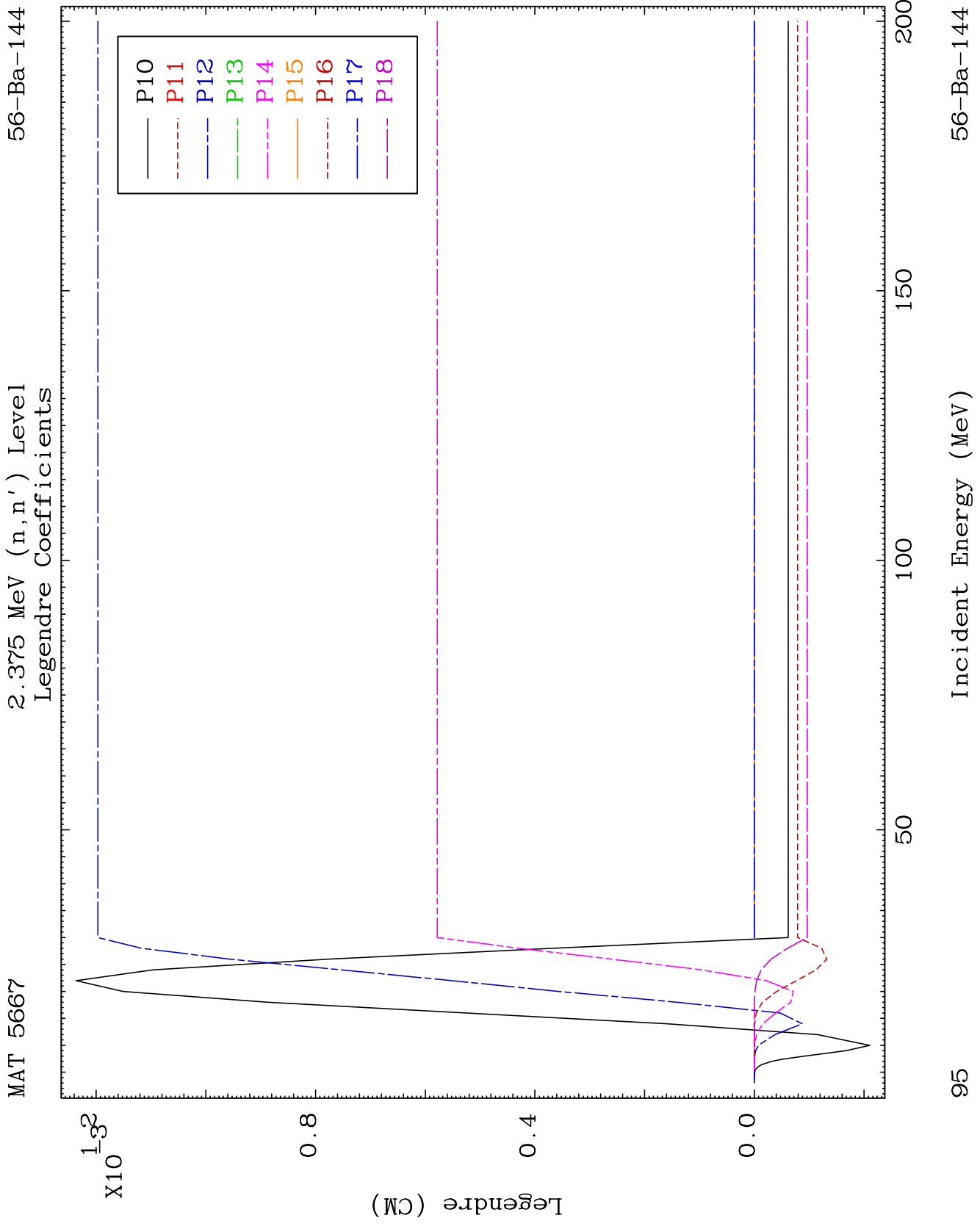


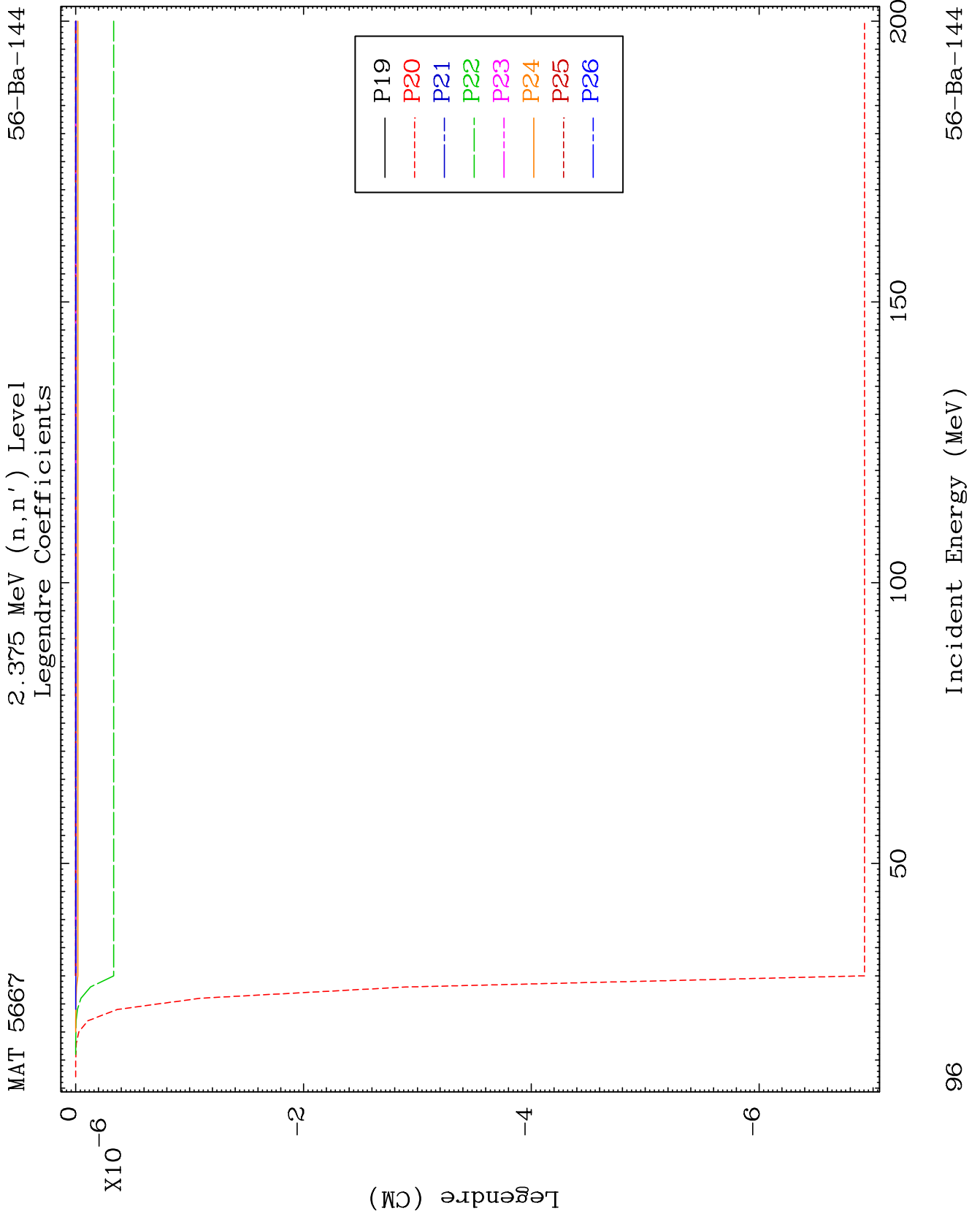
92

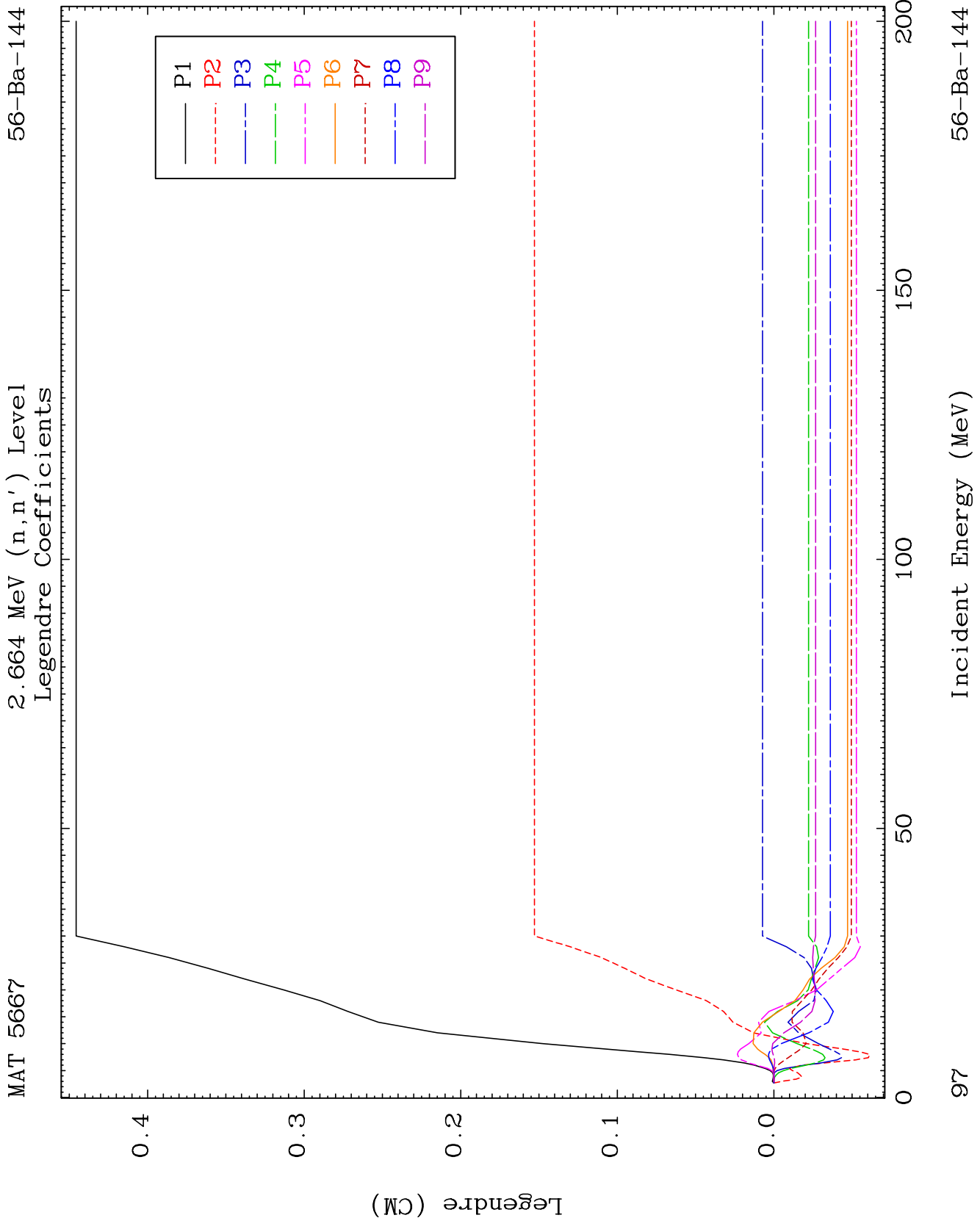
Incident Energy (MeV)

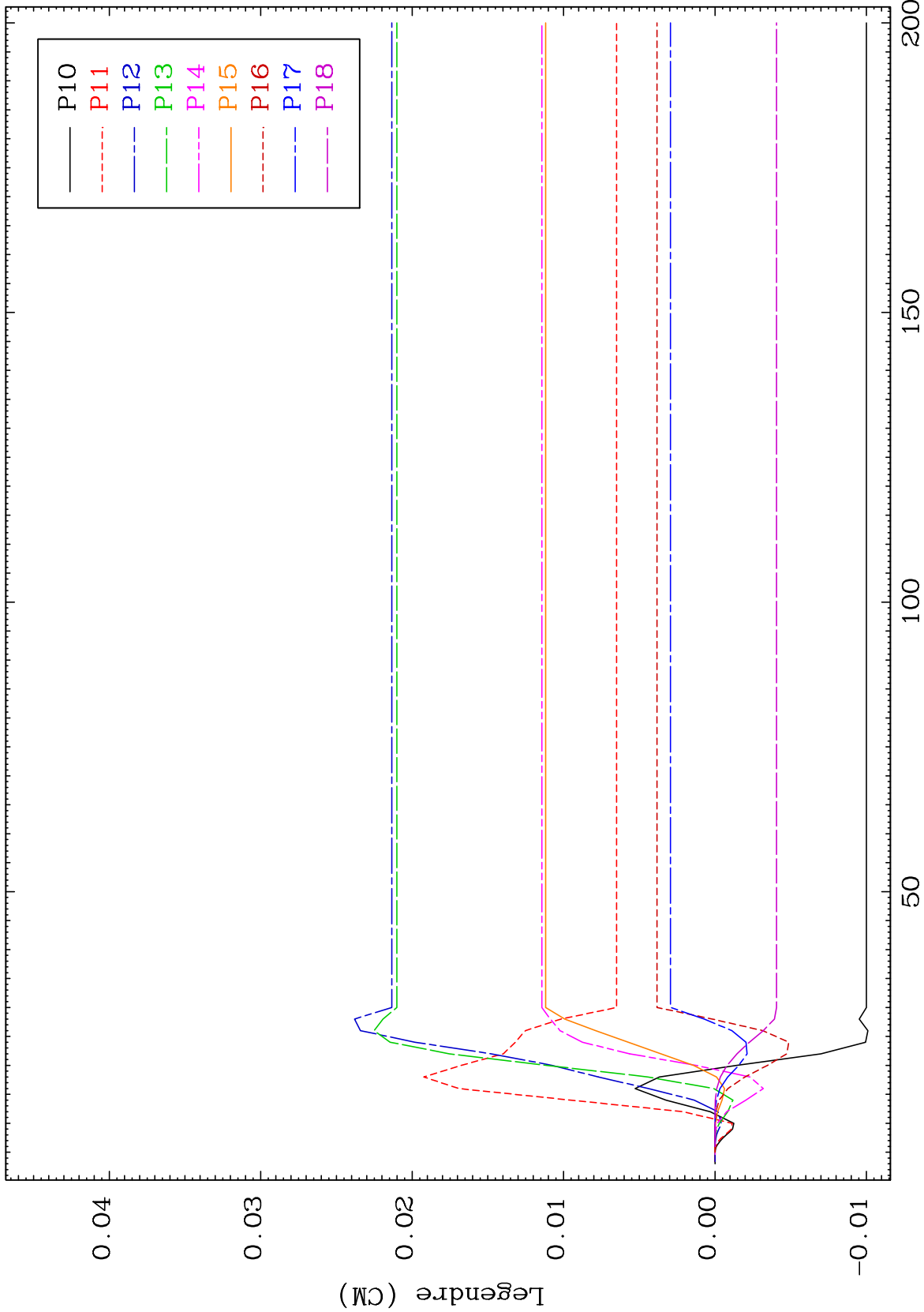
56-Ba-144

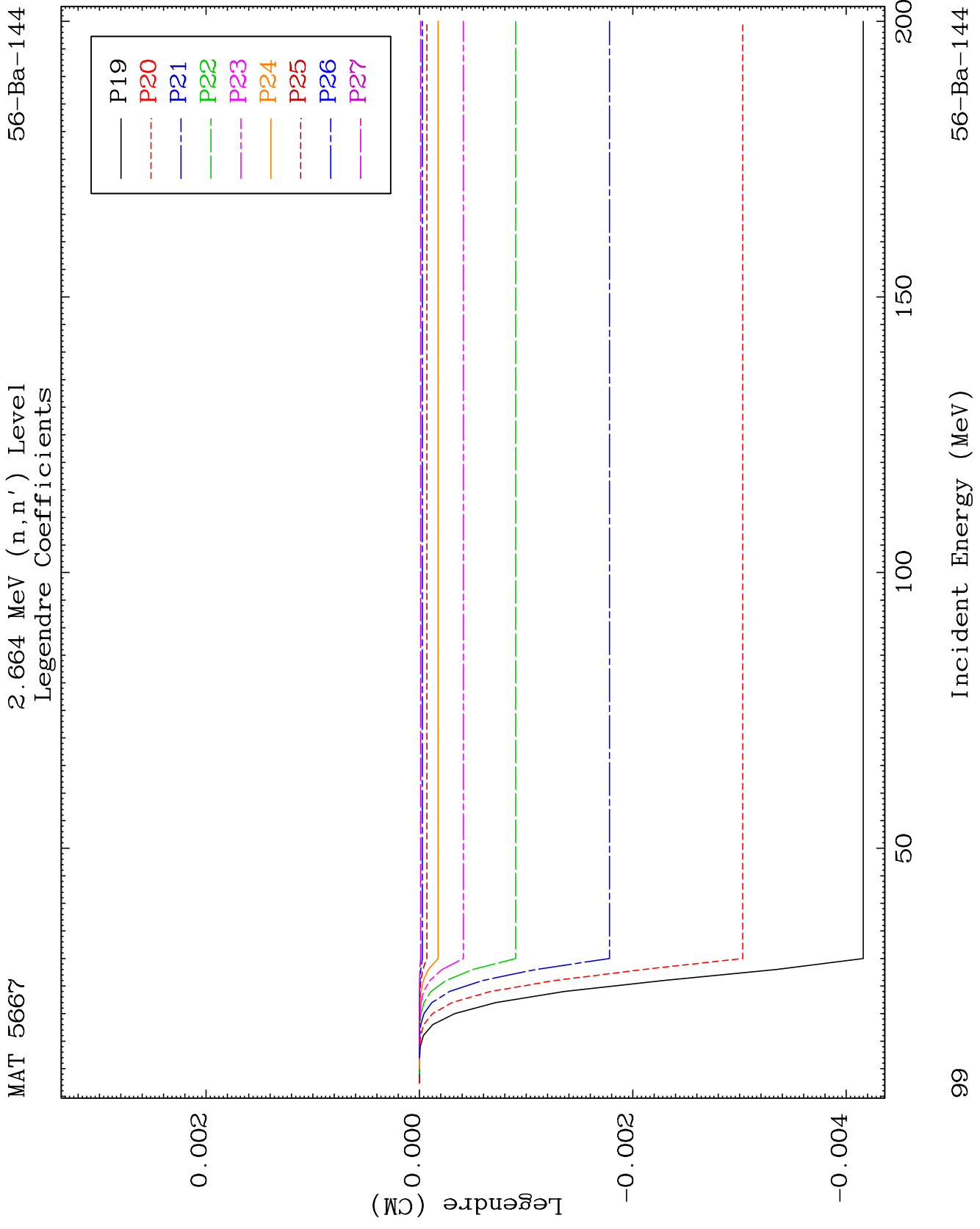


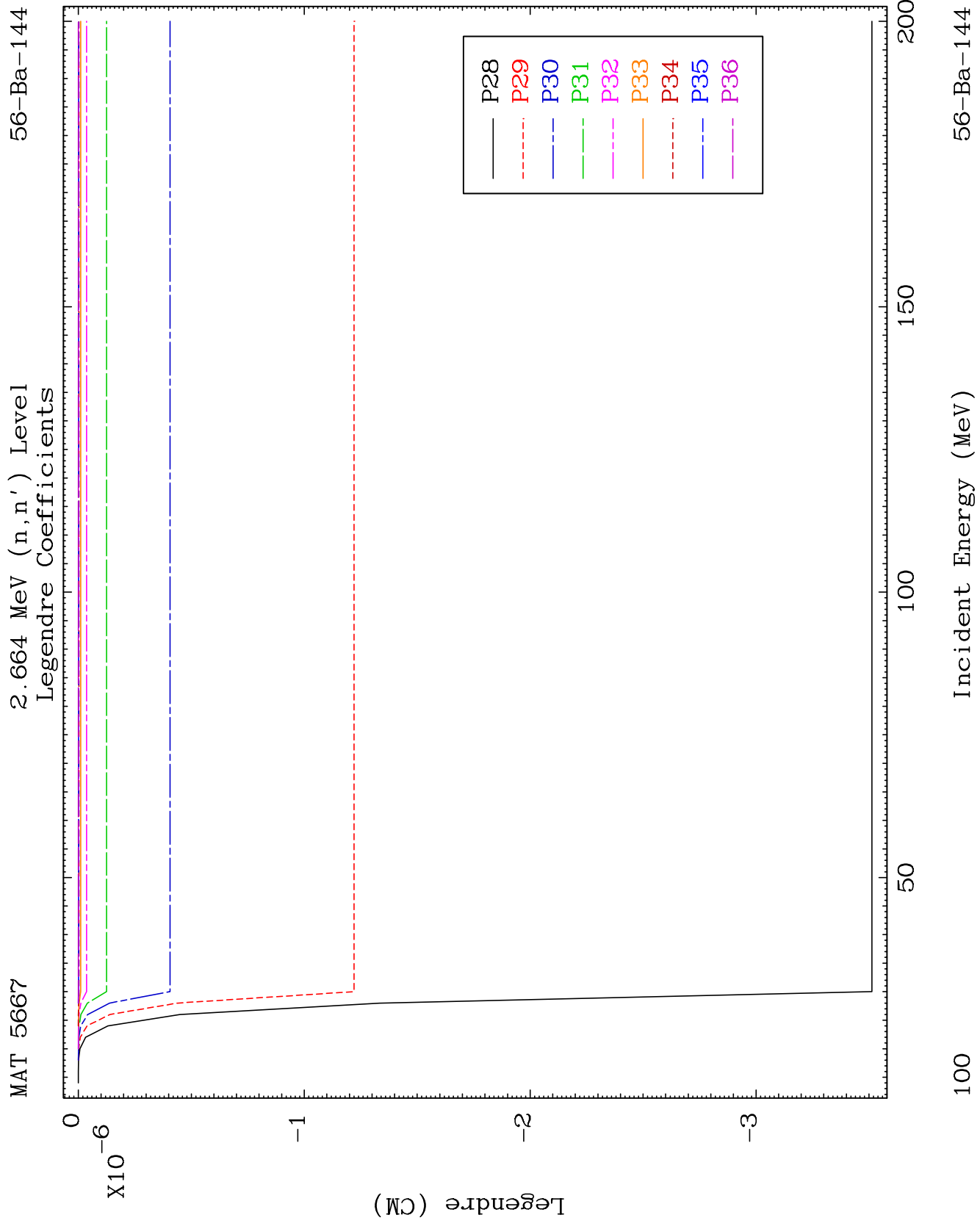








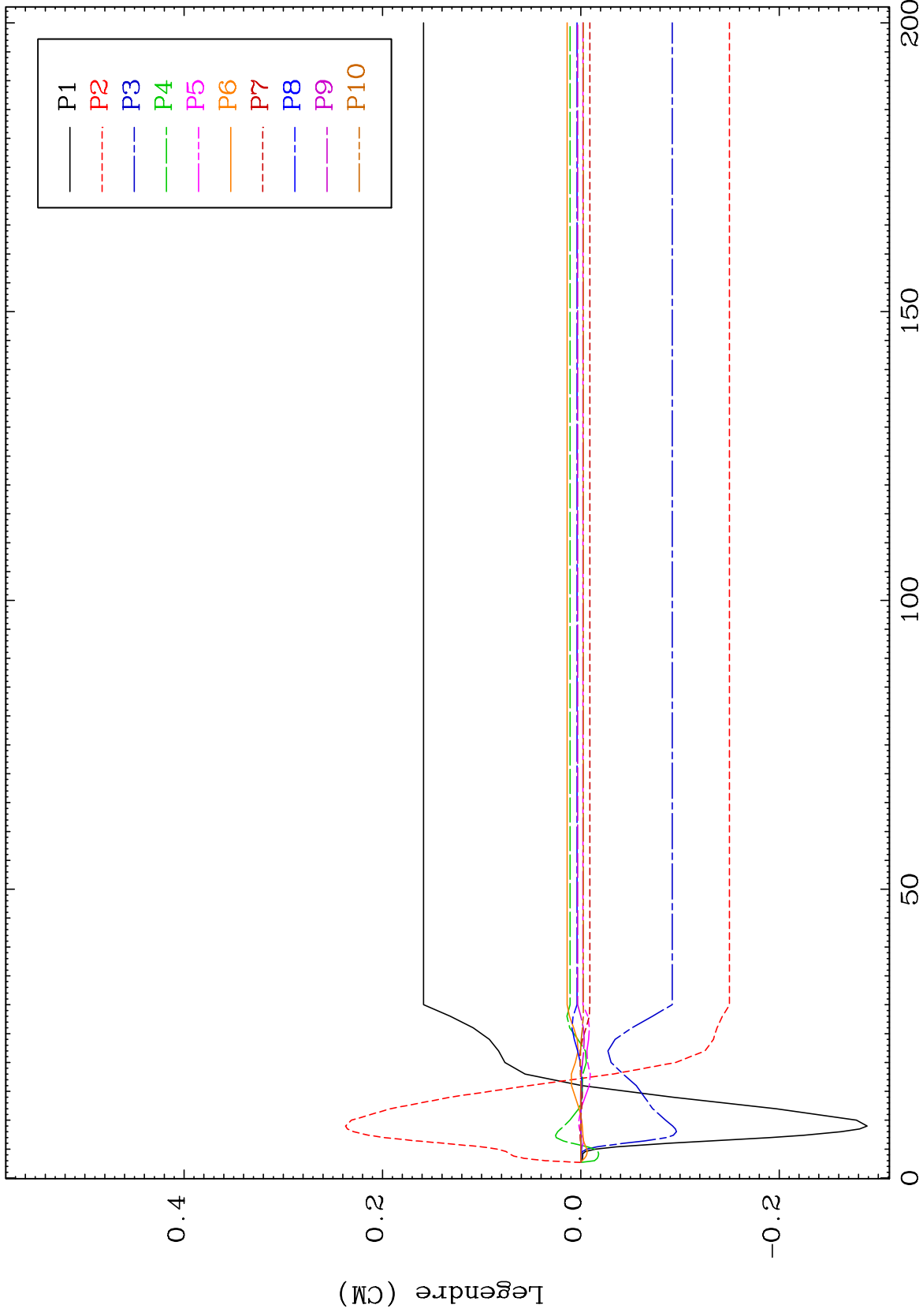




MAT 5667

2.667 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



101

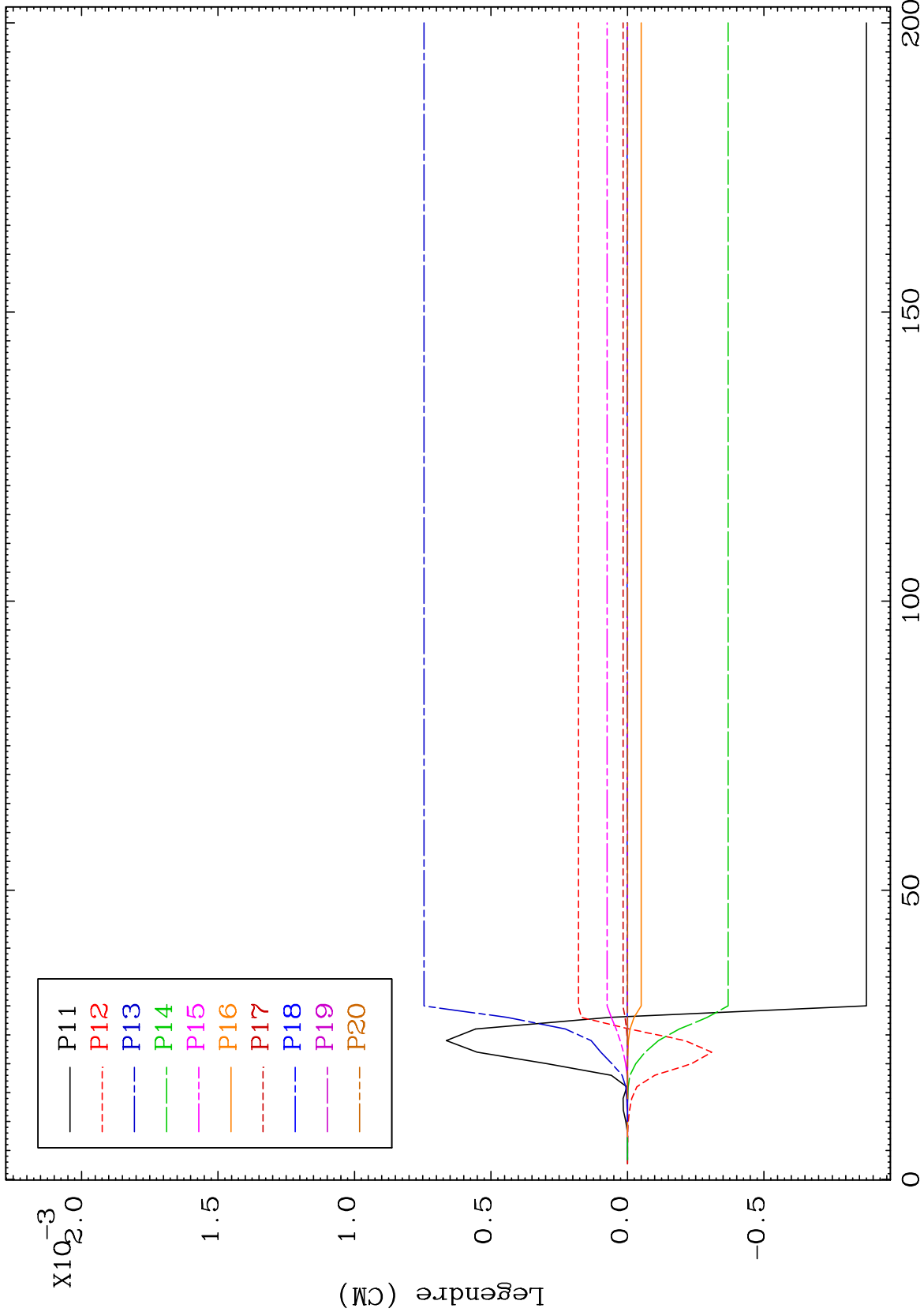
Incident Energy (MeV)

56-Ba-144

MAT 5667

2.667 MeV (n,n') Level
Legendre Coefficients

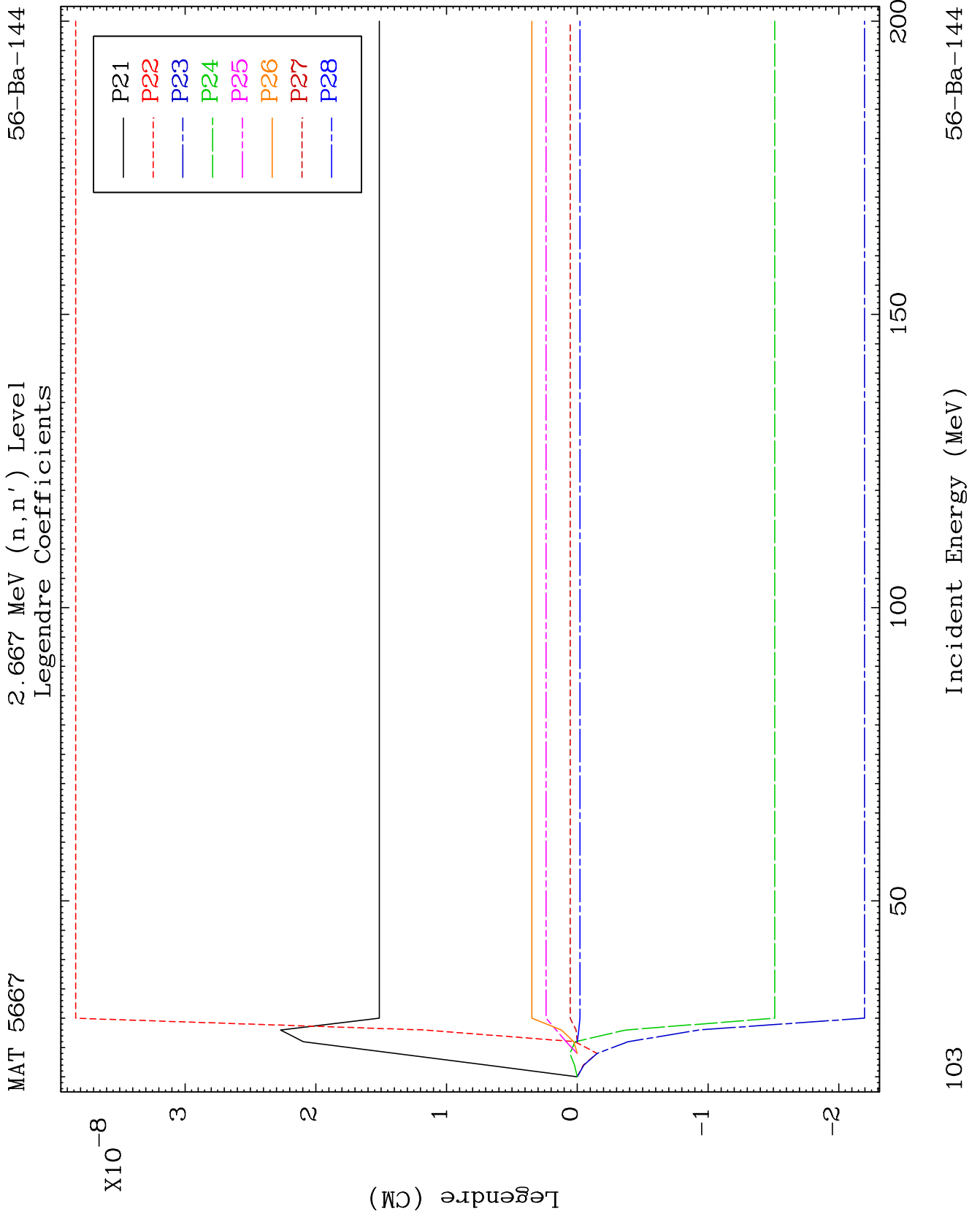
56-Ba-144

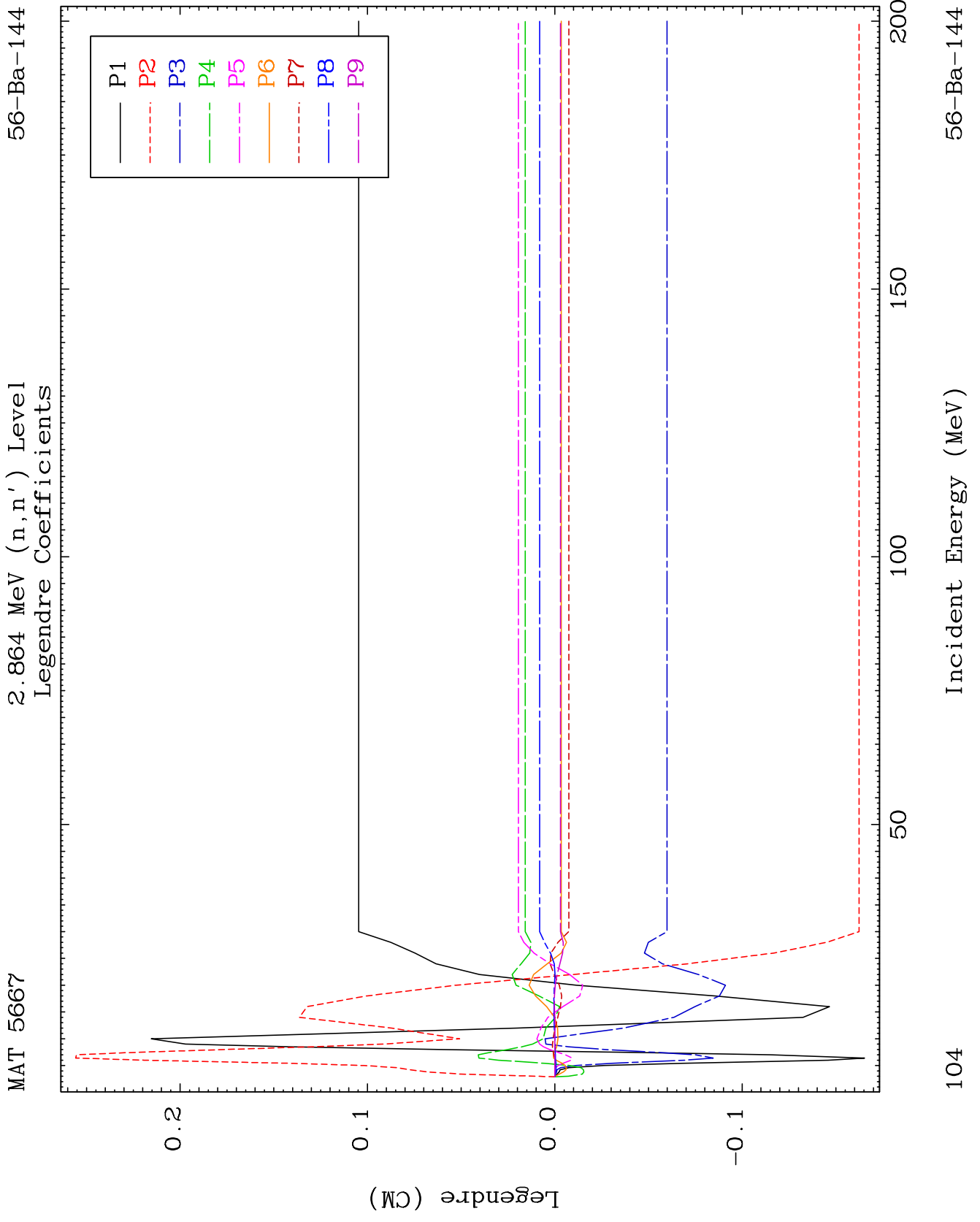


102

Incident Energy (MeV)

56-Ba-144

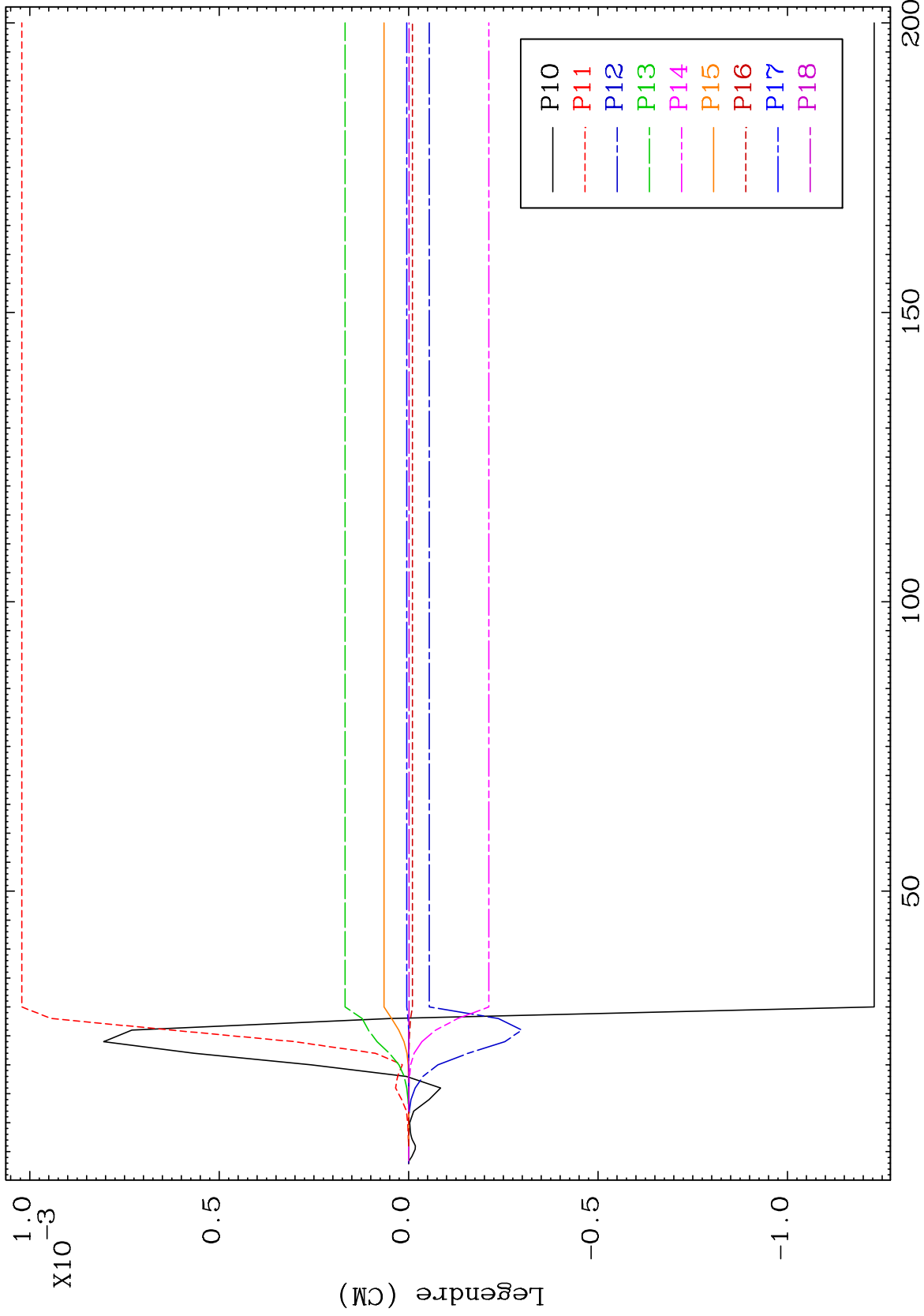




MAT 5667

2.864 MeV (n, n') Level
Legendre Coefficients

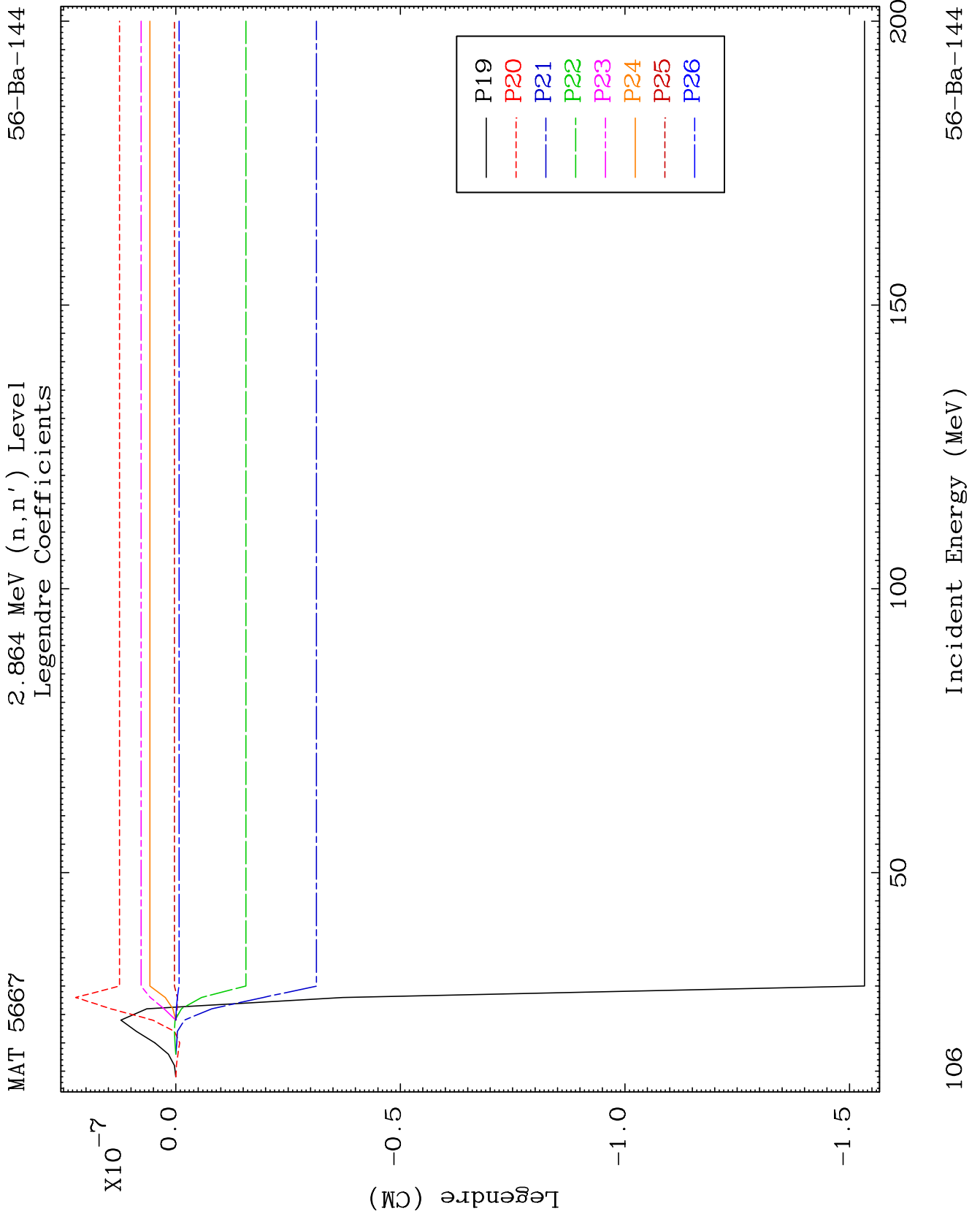
56-Ba-144



105

Incident Energy (MeV)

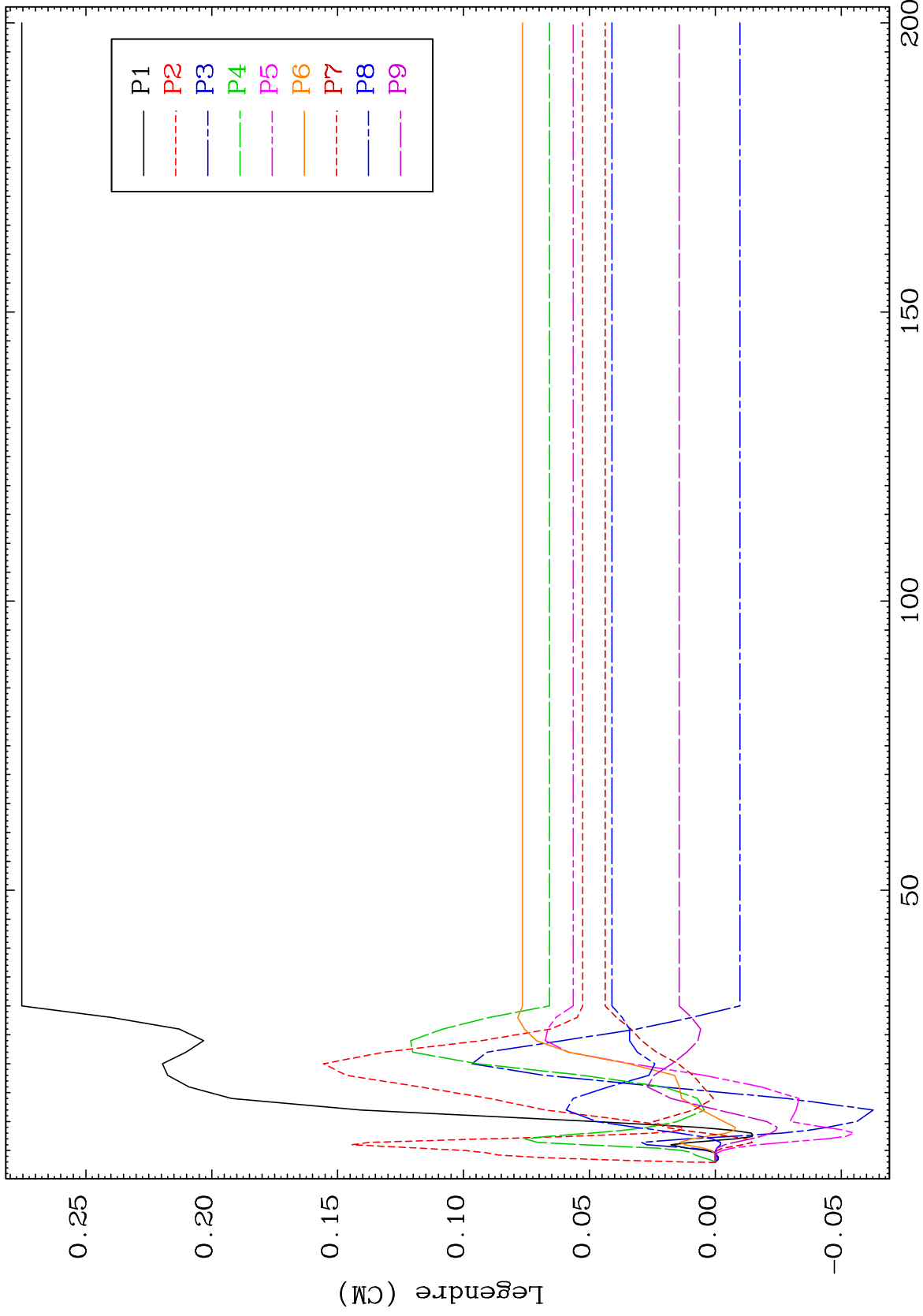
56-Ba-144



MAT 5667

2.904 MeV (n,n') Level
Legendre Coefficients

56-Ba-144



56-Ba-144

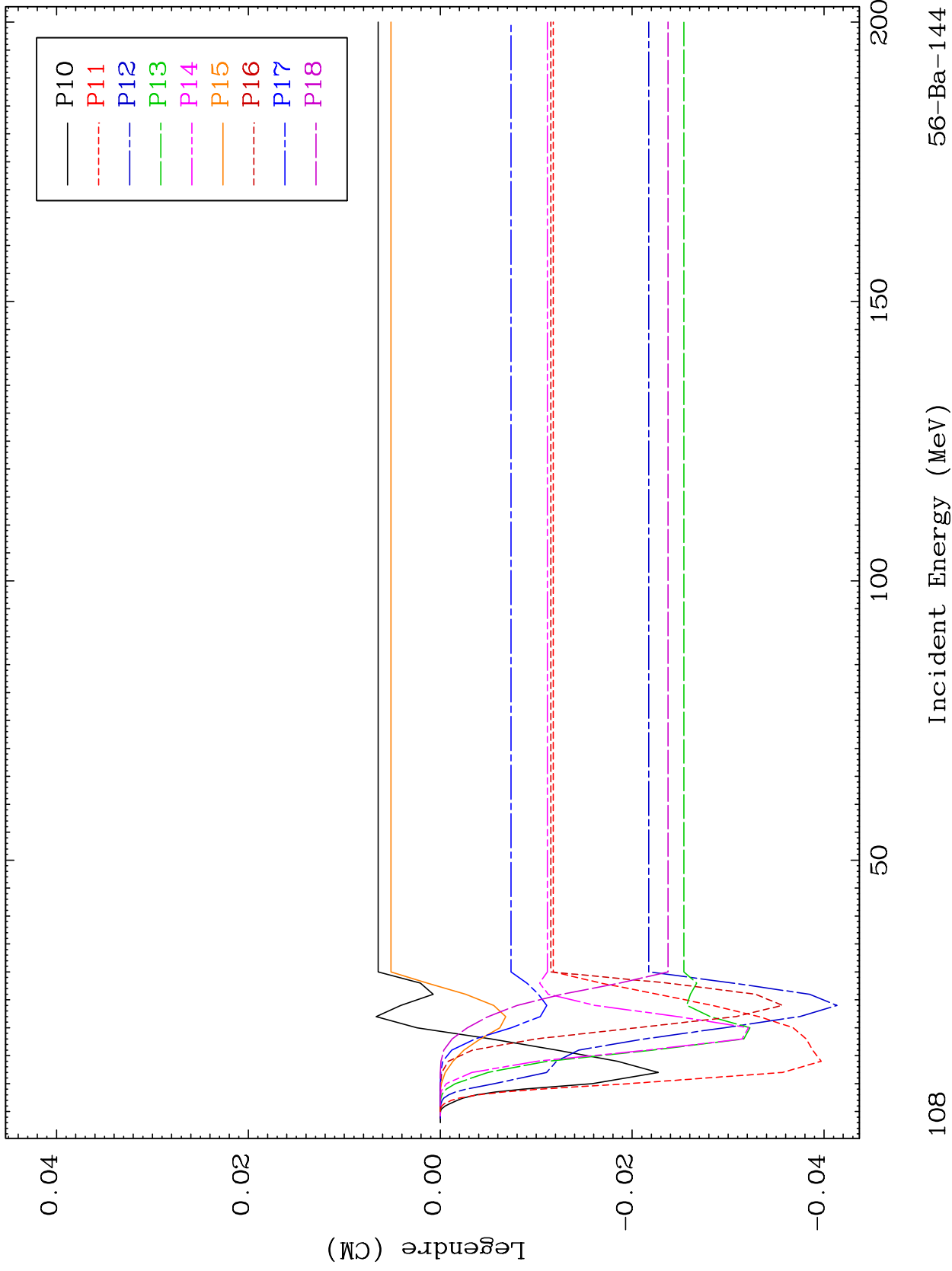
Incident Energy (MeV)

107

MAT 5667

2.904 MeV (n,n') Level
Legendre Coefficients

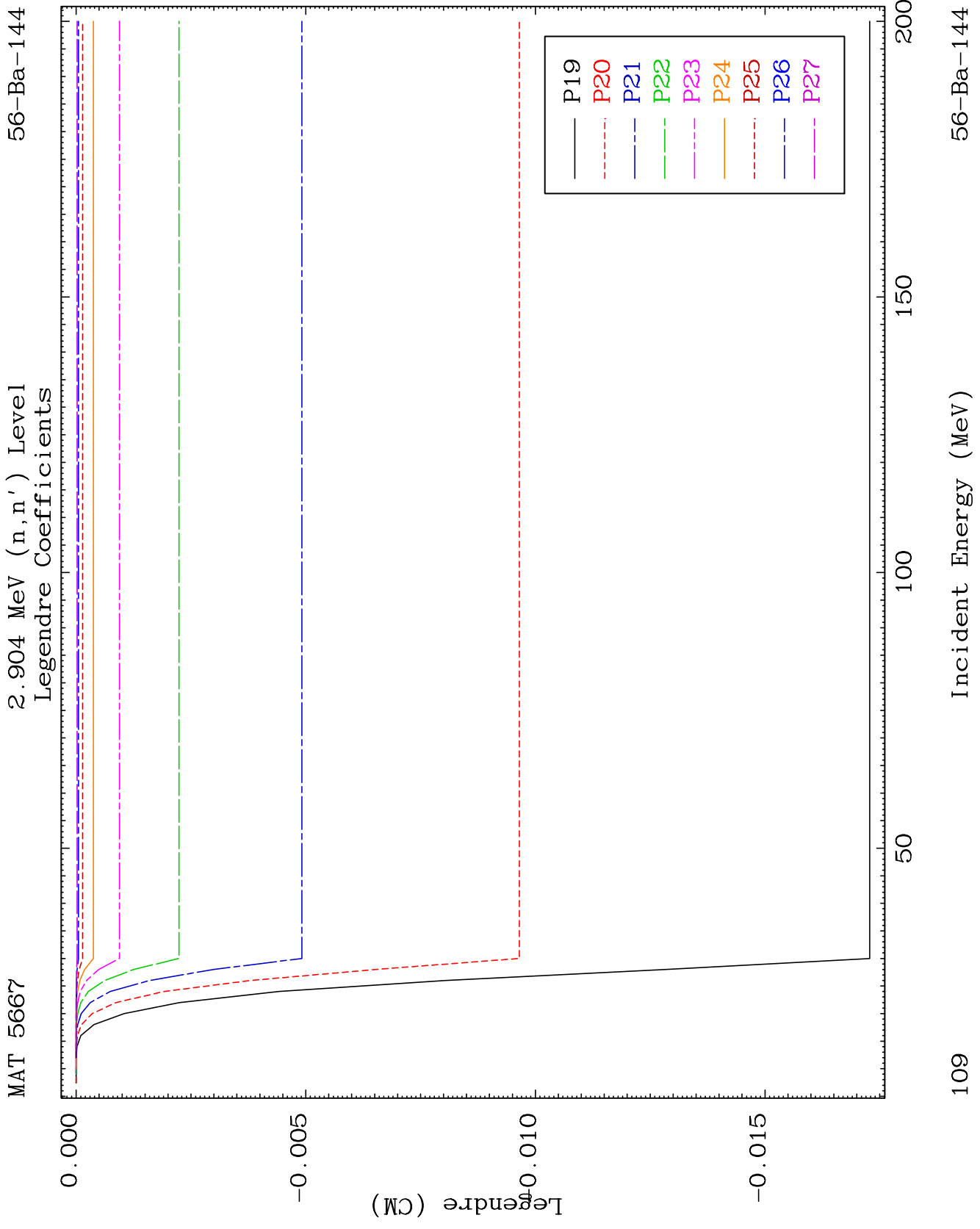
56-Ba-144

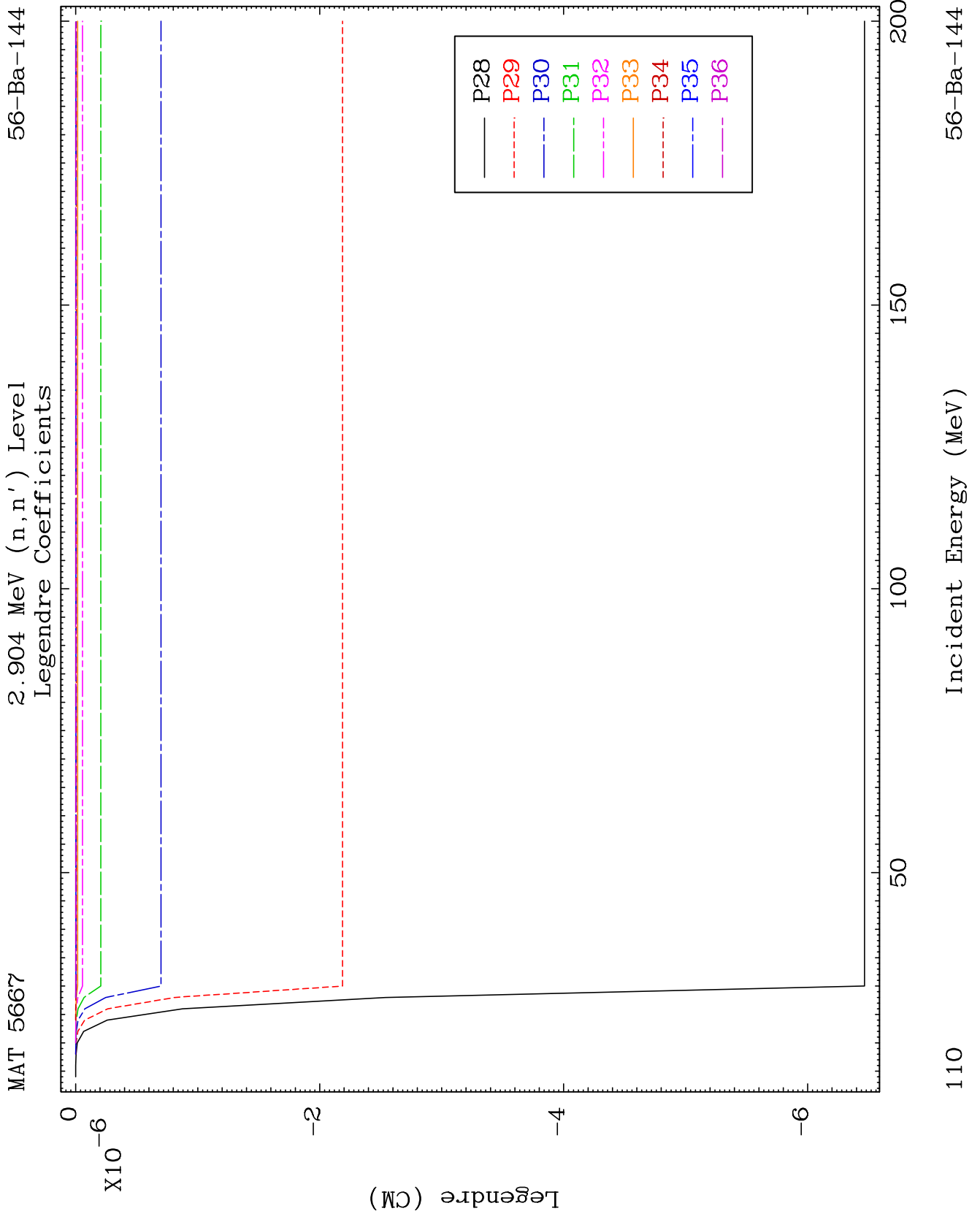


108

Incident Energy (MeV)

56-Ba-144

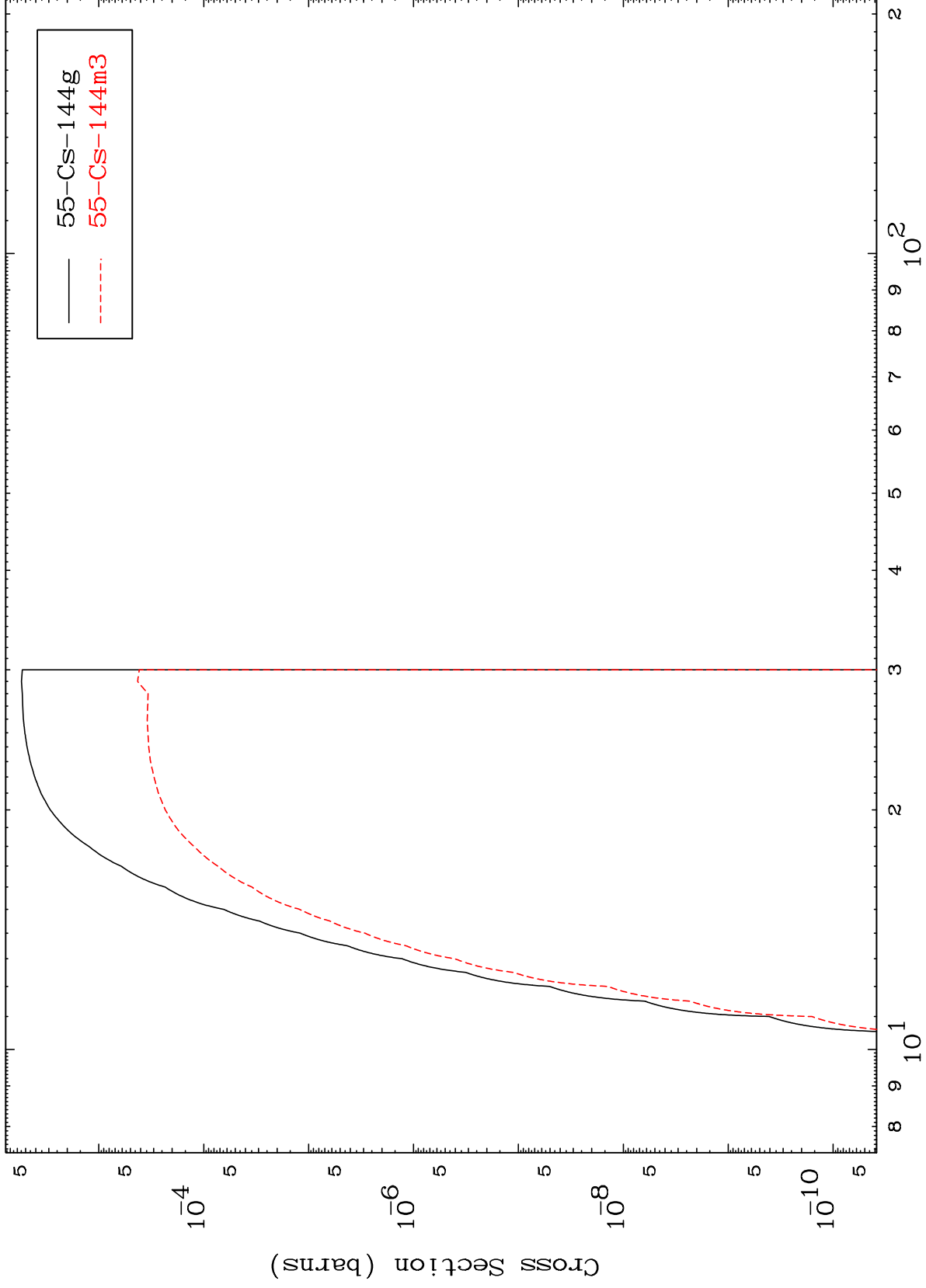




MAT 5667

56-Ba-144

(n,p)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

56-Ba-144