

Program EVALPLOT
(Version 2017-1)

by

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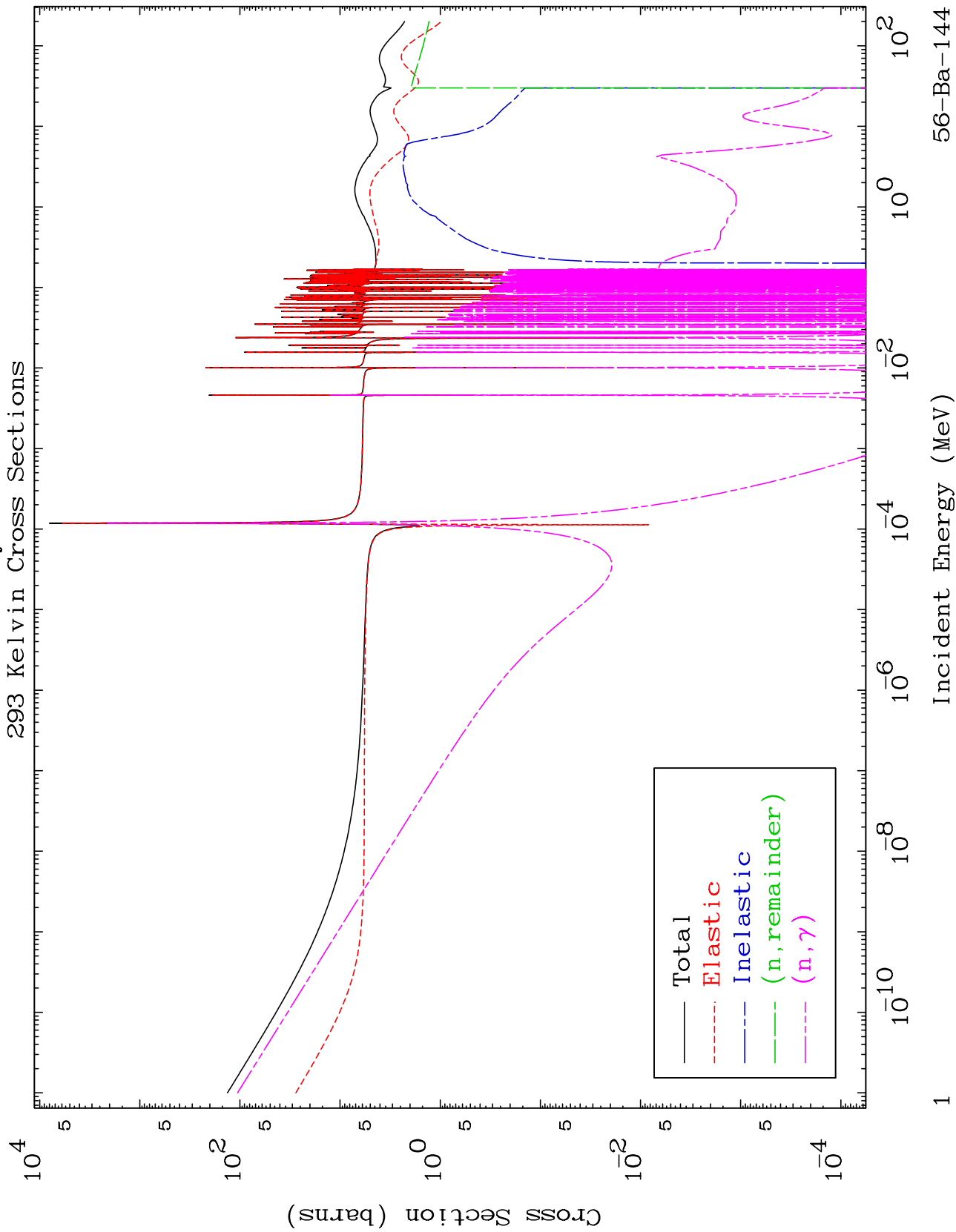
Press Mouse Button to Start

MAT 5667

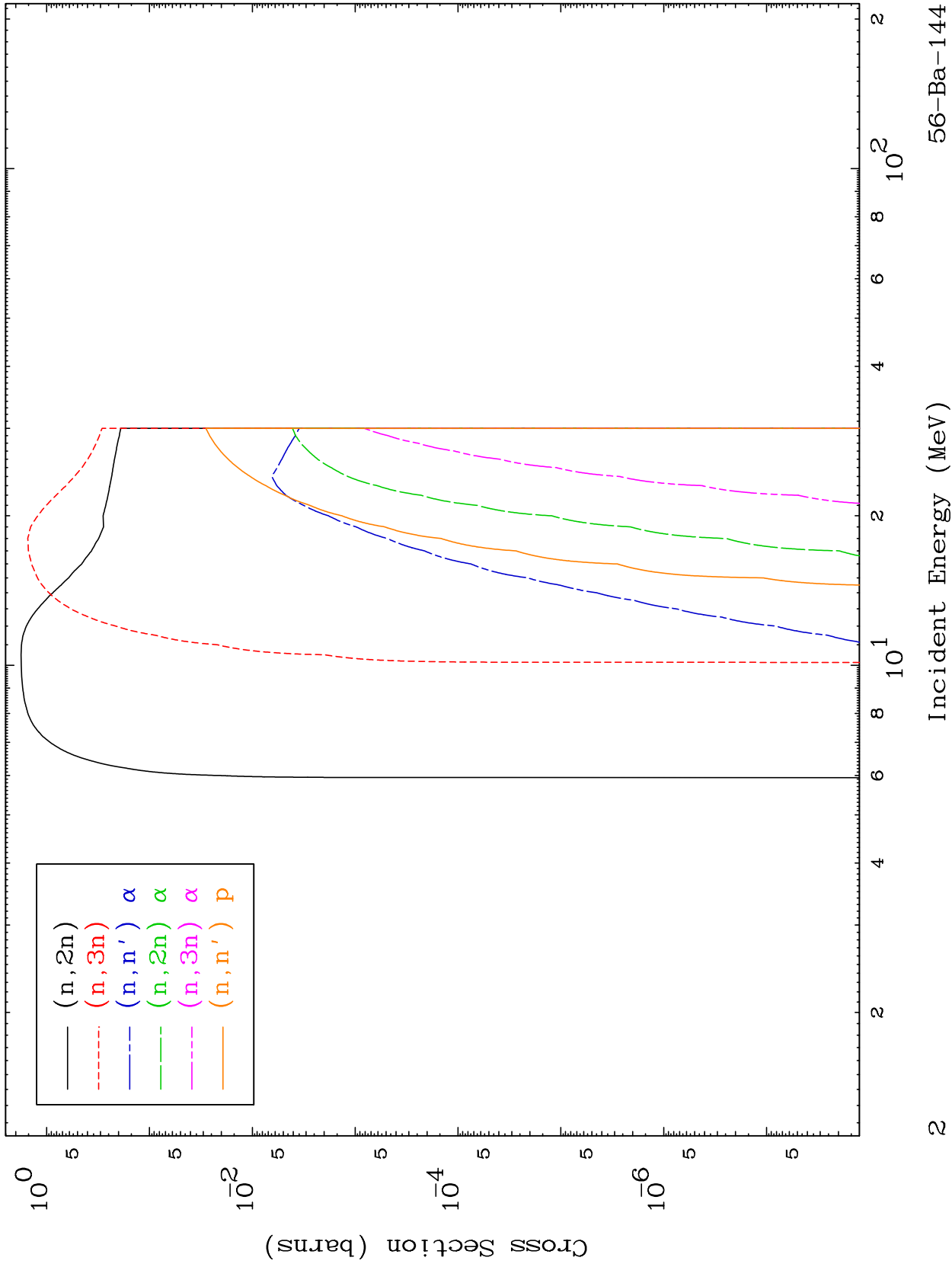
Major

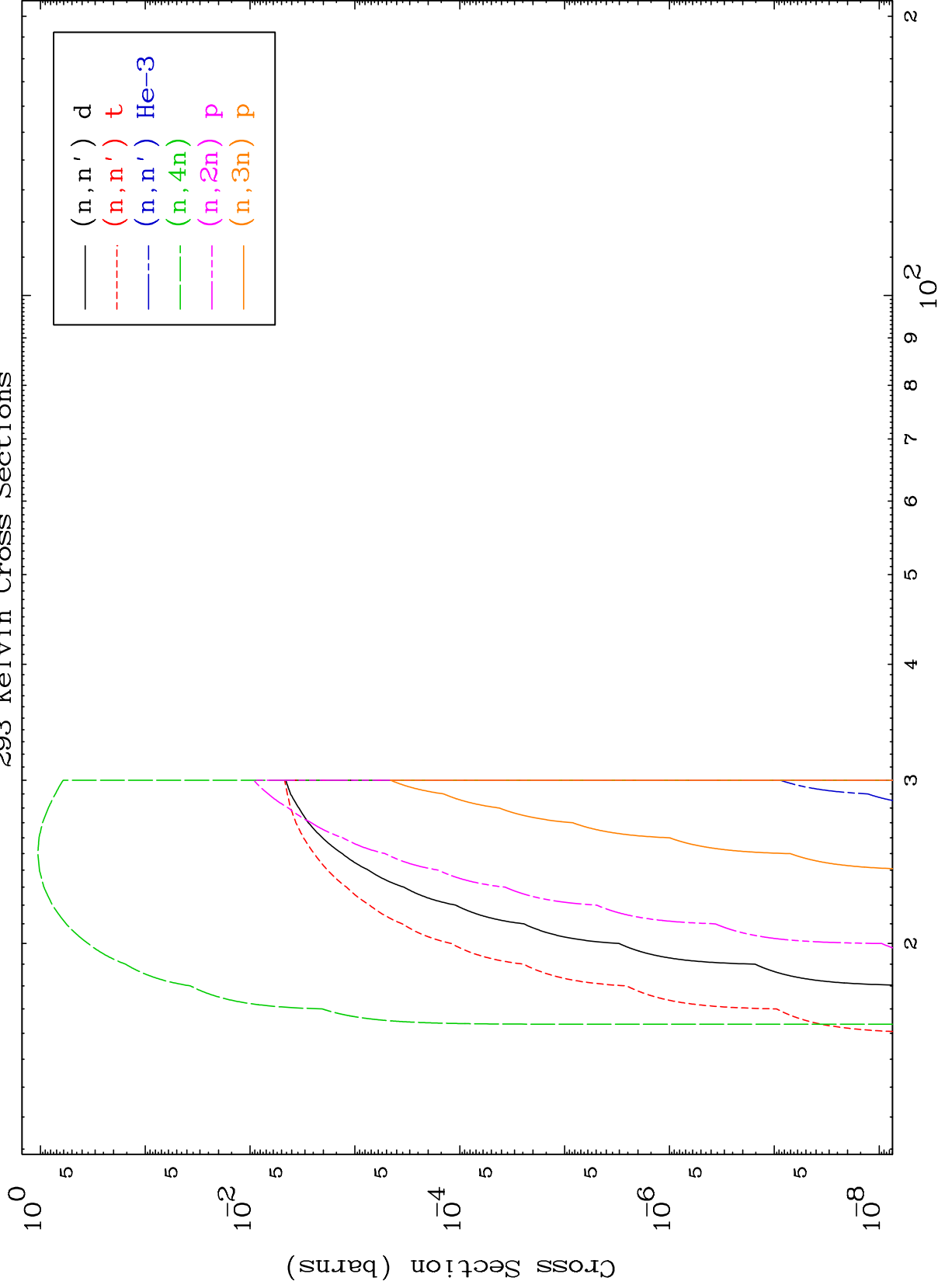
293 Kelvin Cross Sections

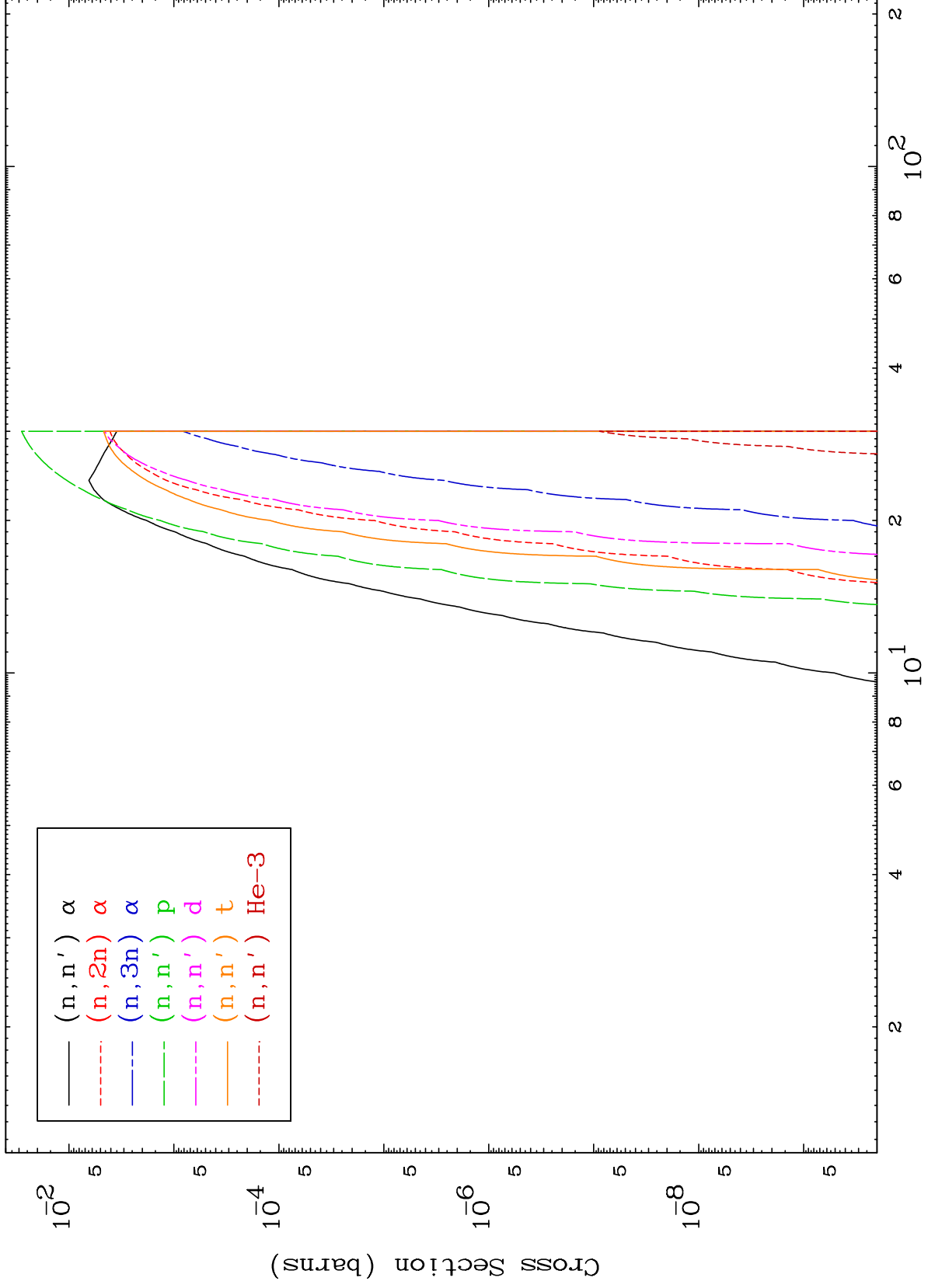
56-Ba-144



Neutron Production
293 Kelvin Cross Sections



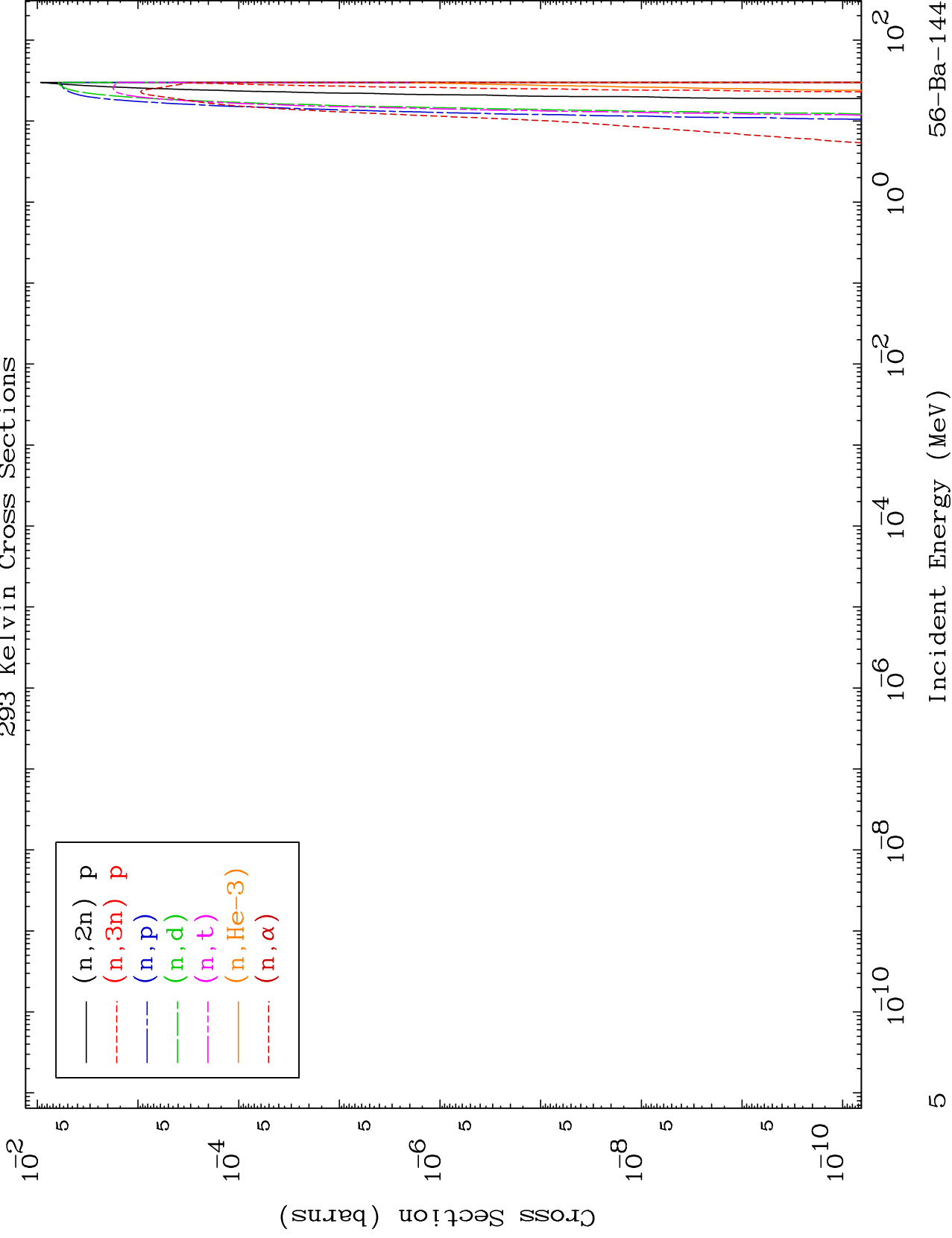




MAT 5667

Charged Particle
293 Kelvin Cross Sections

56-Ba-144

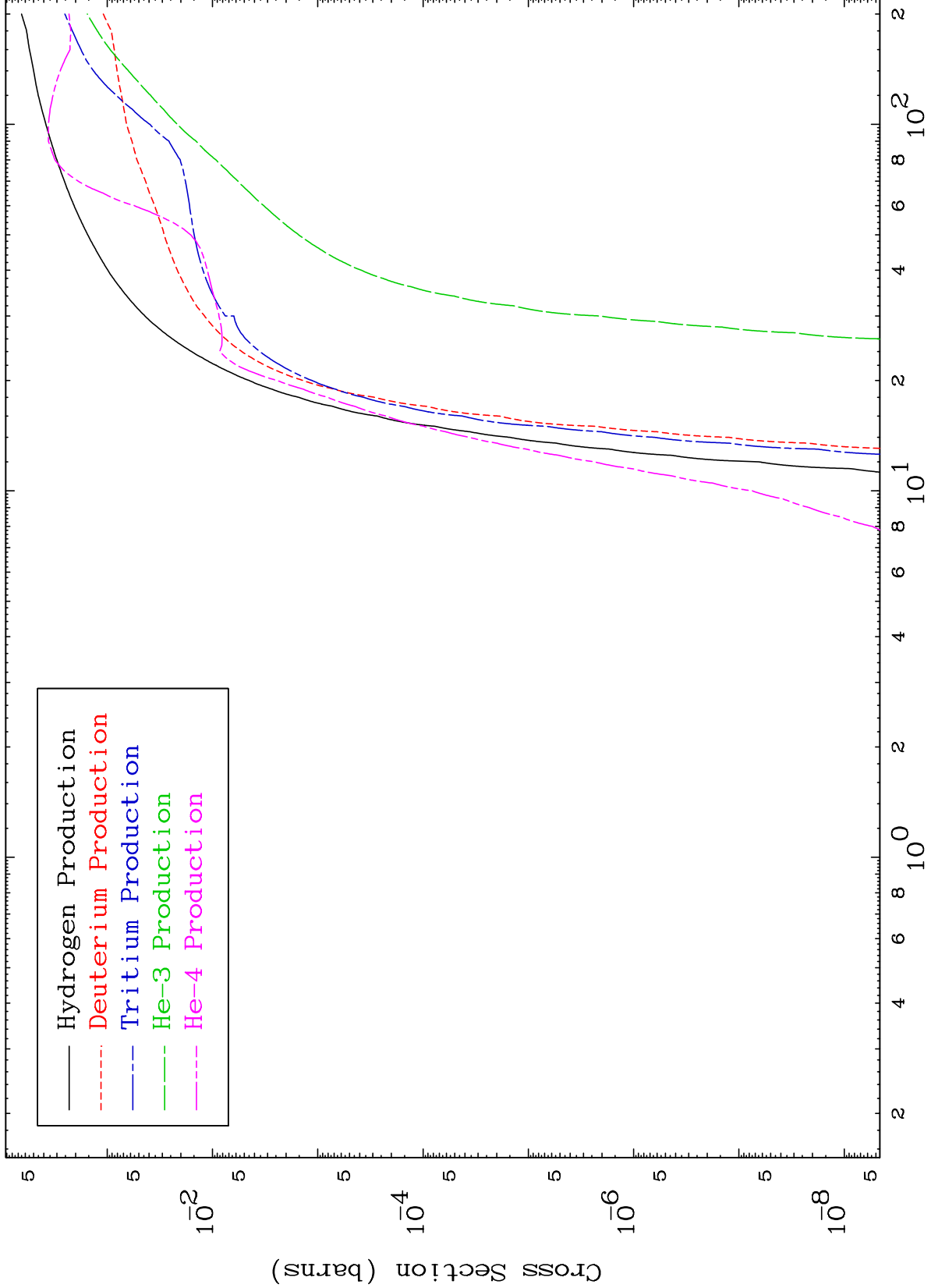


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MAT 5667

Particle Production
293 Kelvin Cross Sections

56-Ba-144



56-Ba-144

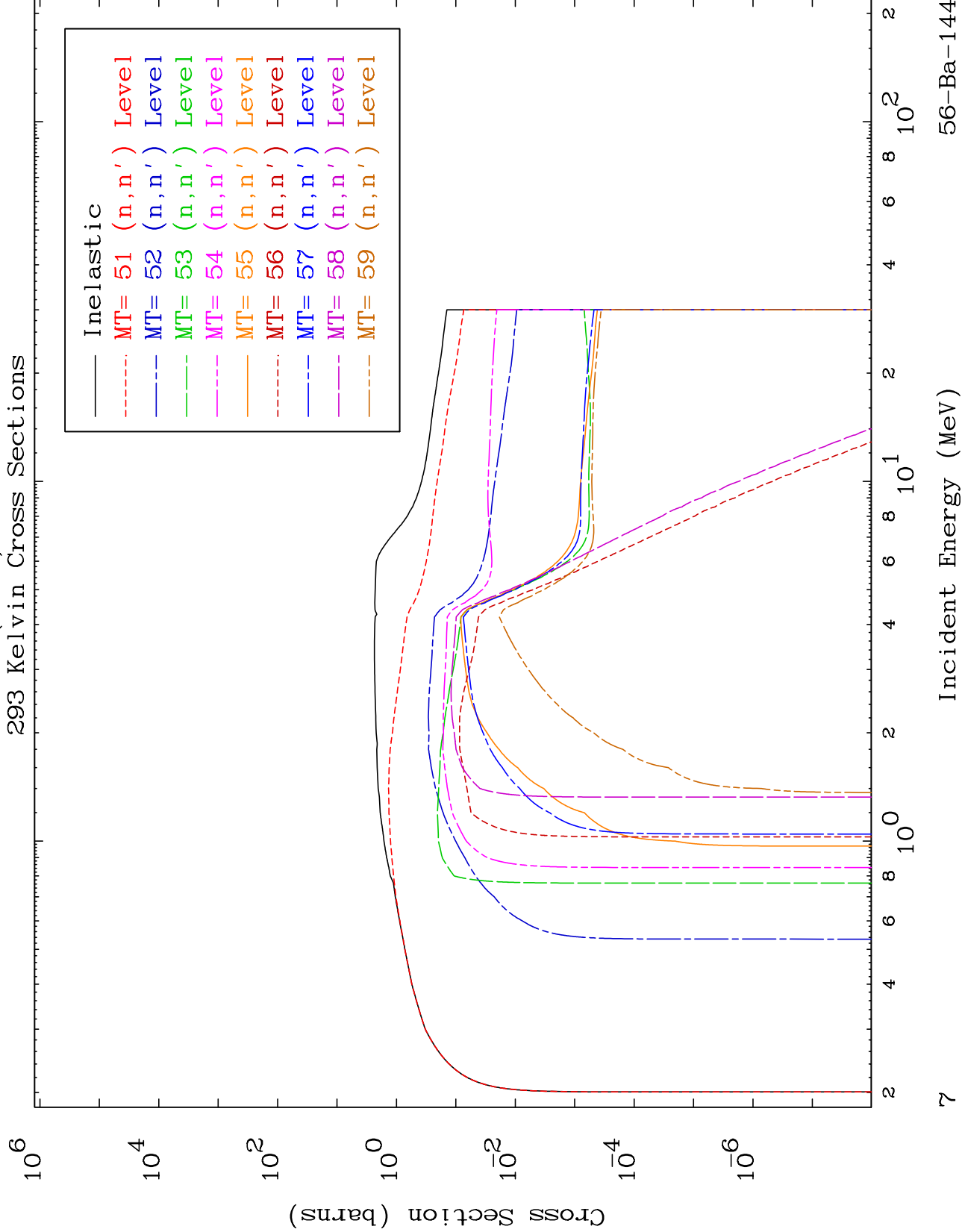
Incident Energy (MeV)

6

MAT 5667

(n,n') Level

56-Ba-144

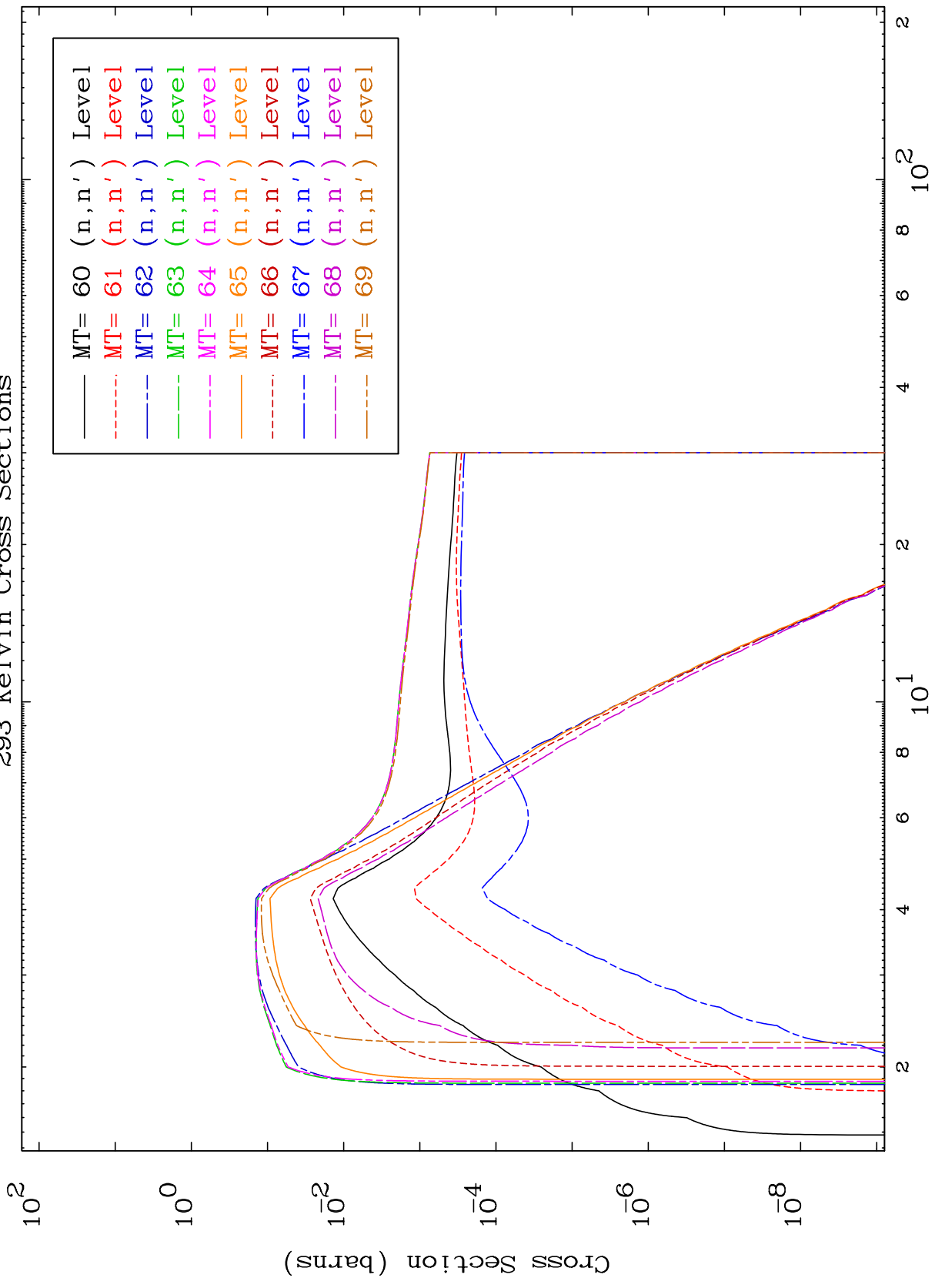


MAT 5667

(n,n') Level

56-Ba-144

293 Kelvin Cross Sections

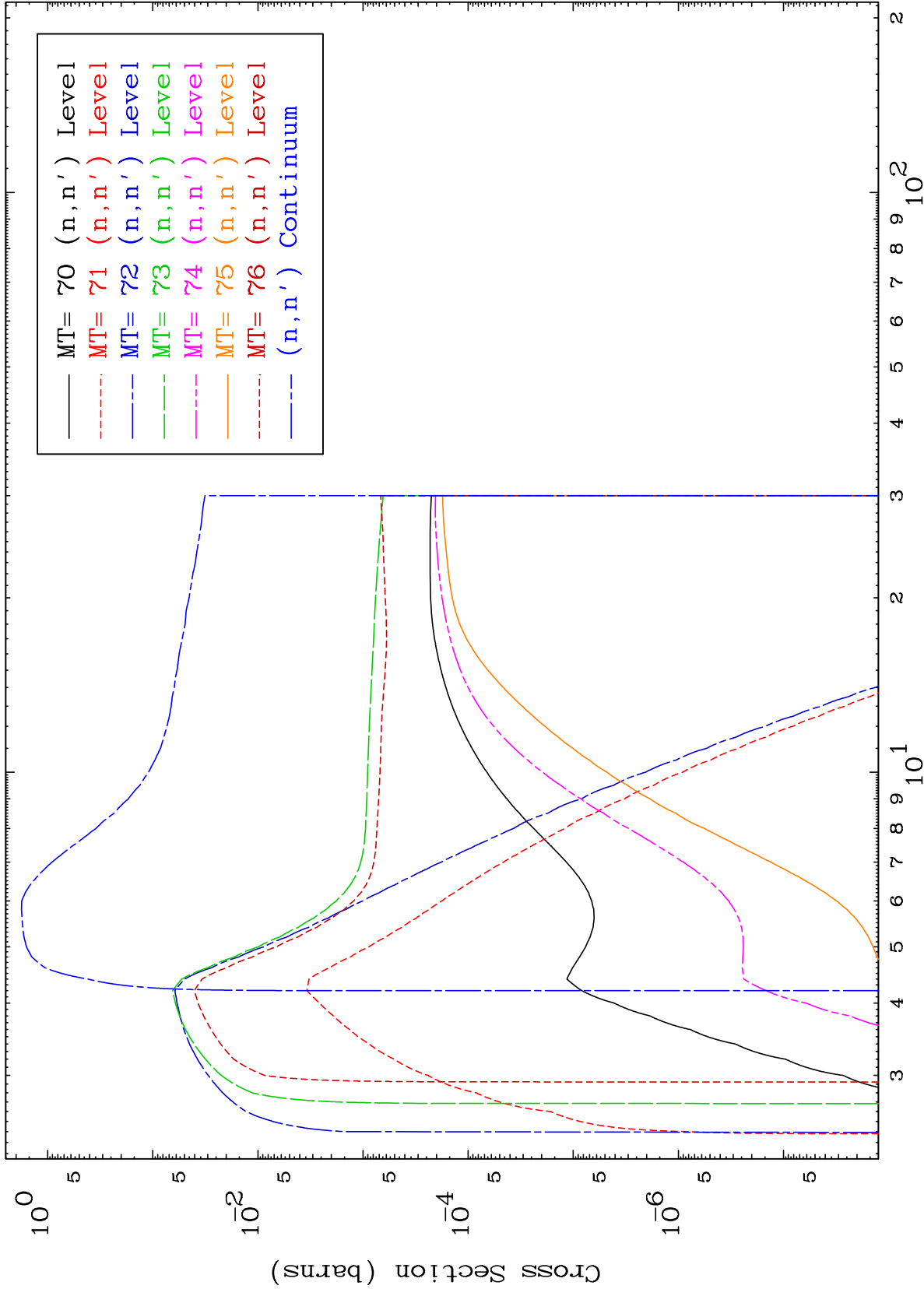


8

Incident Energy (MeV)

56-Ba-144

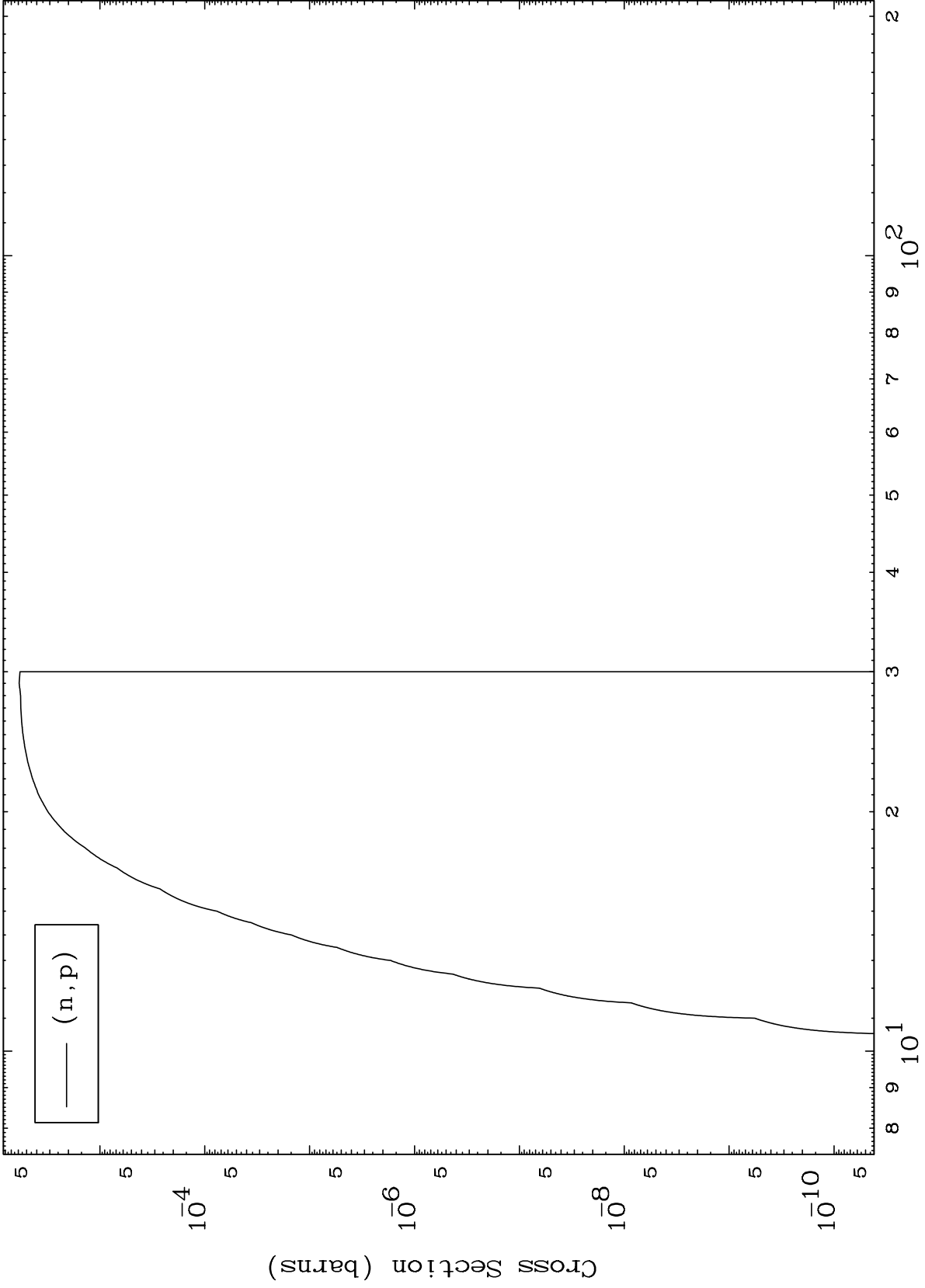
293 Kelvin Cross Sections



MAT 5667

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-144



10

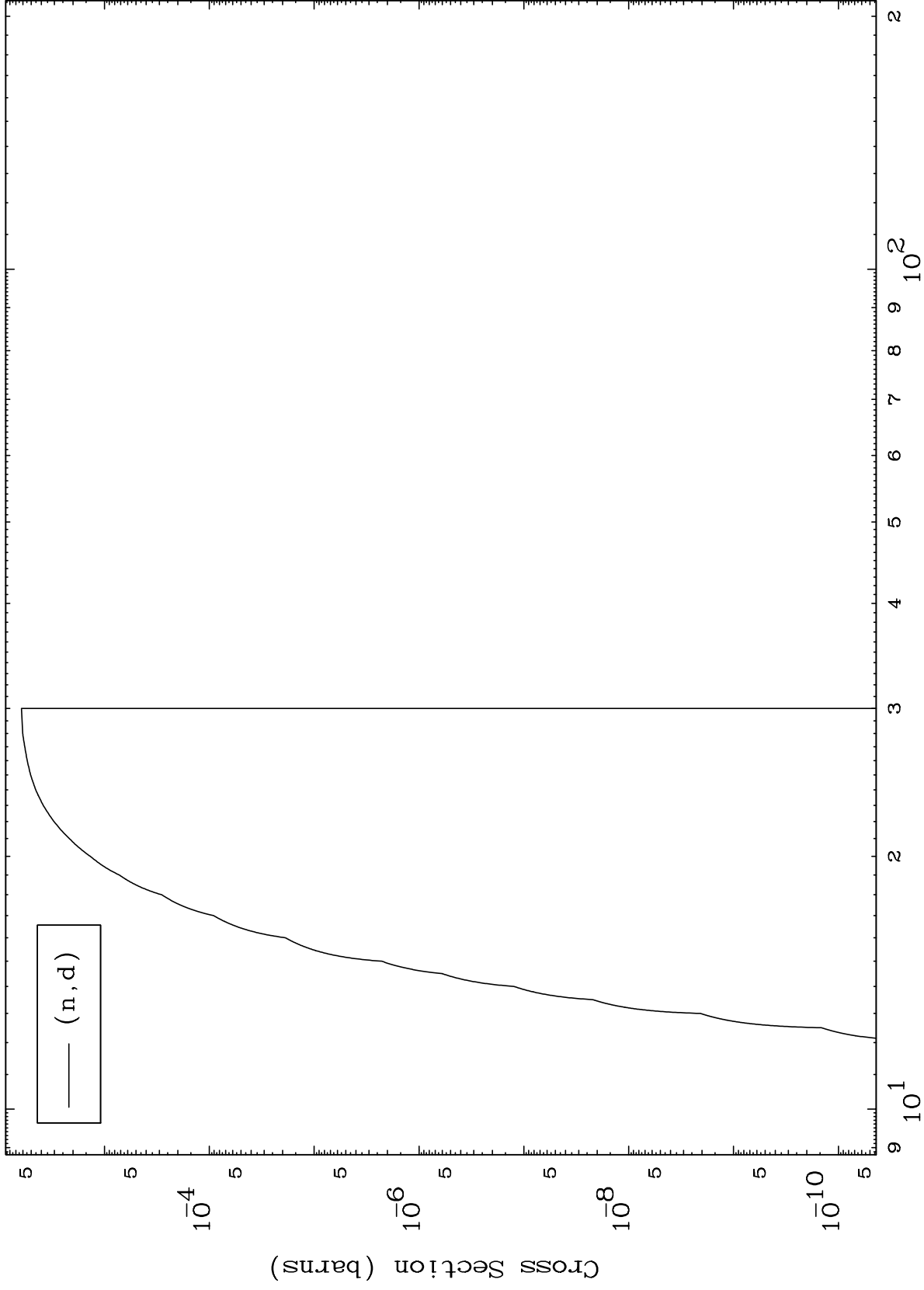
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-144



11

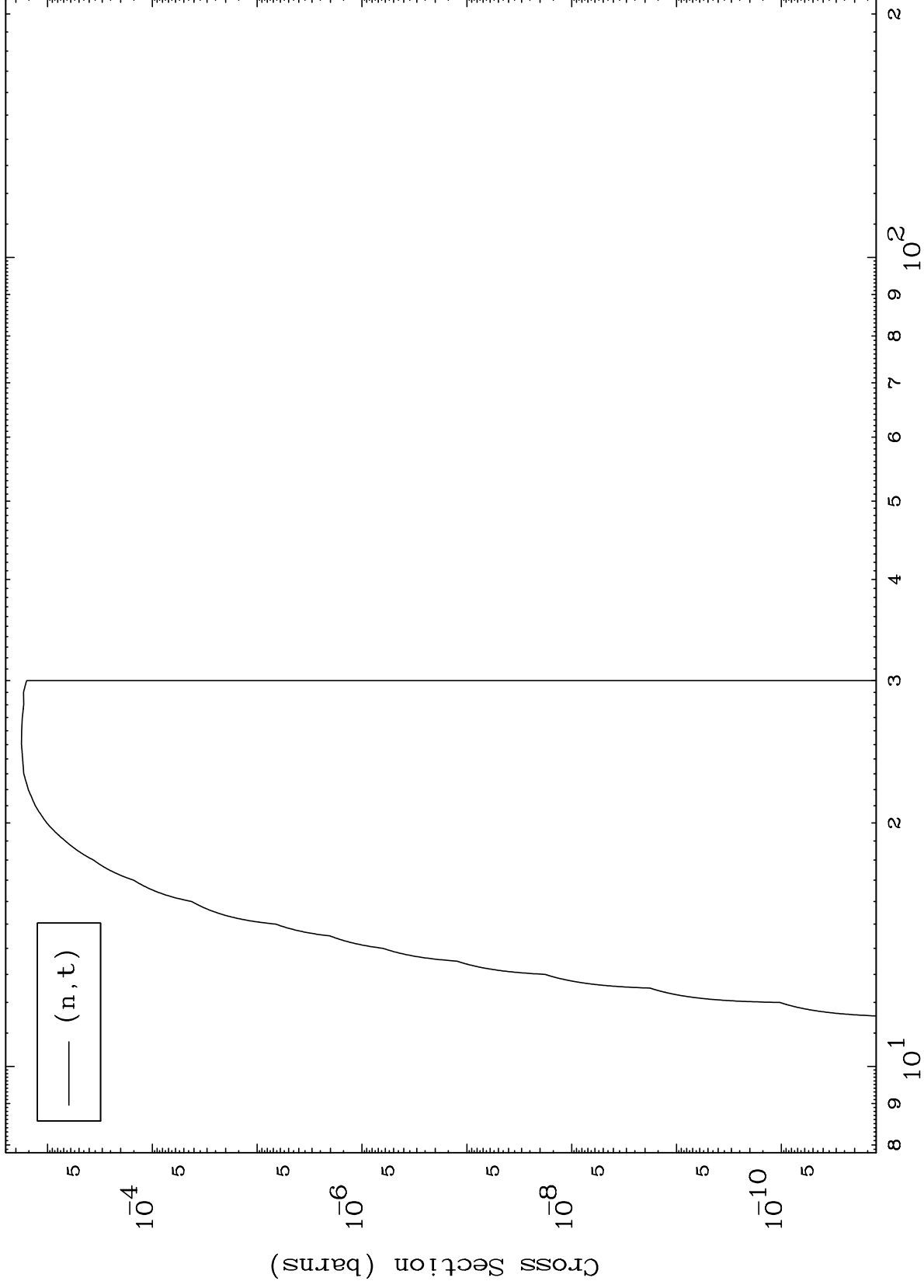
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-144



12

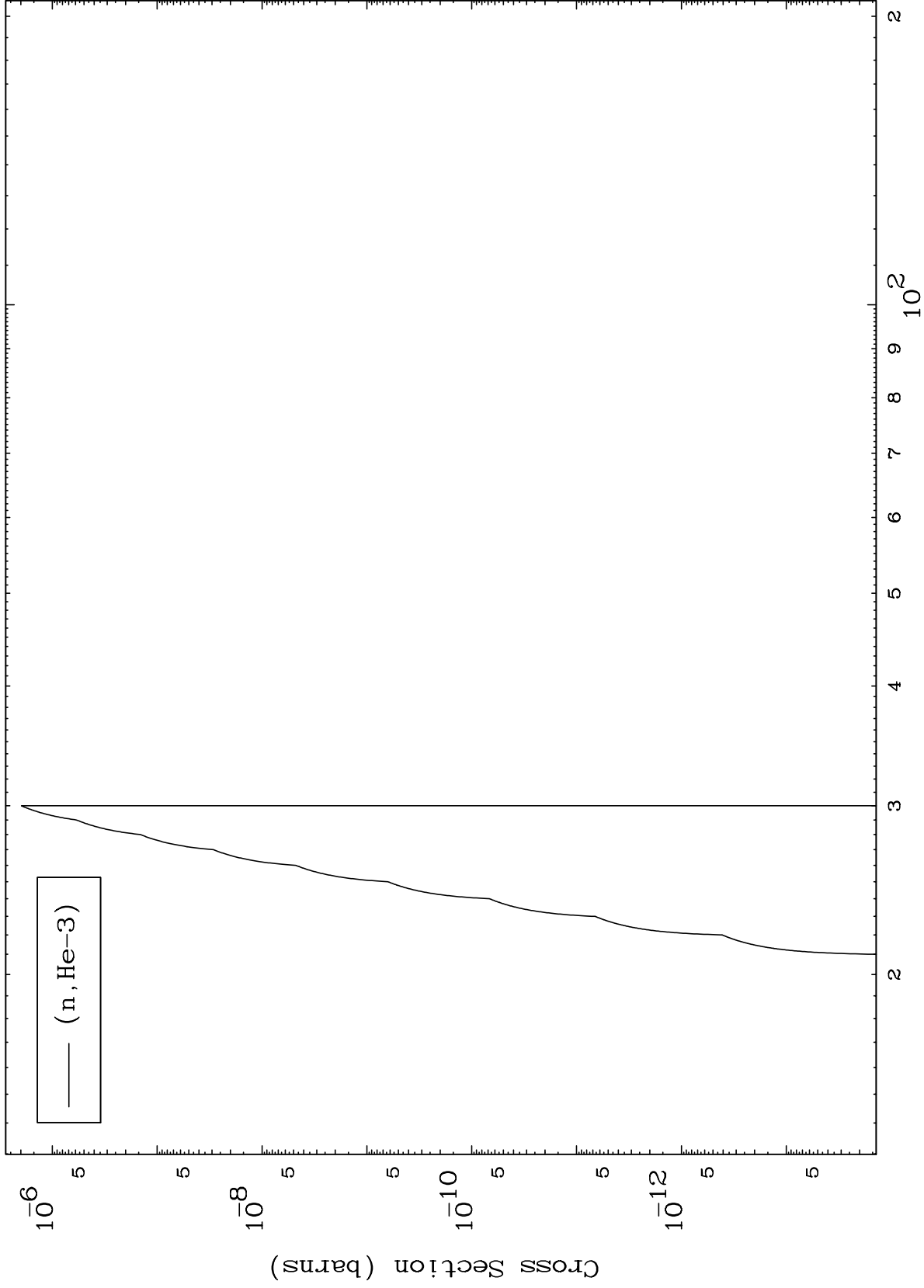
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-144



13

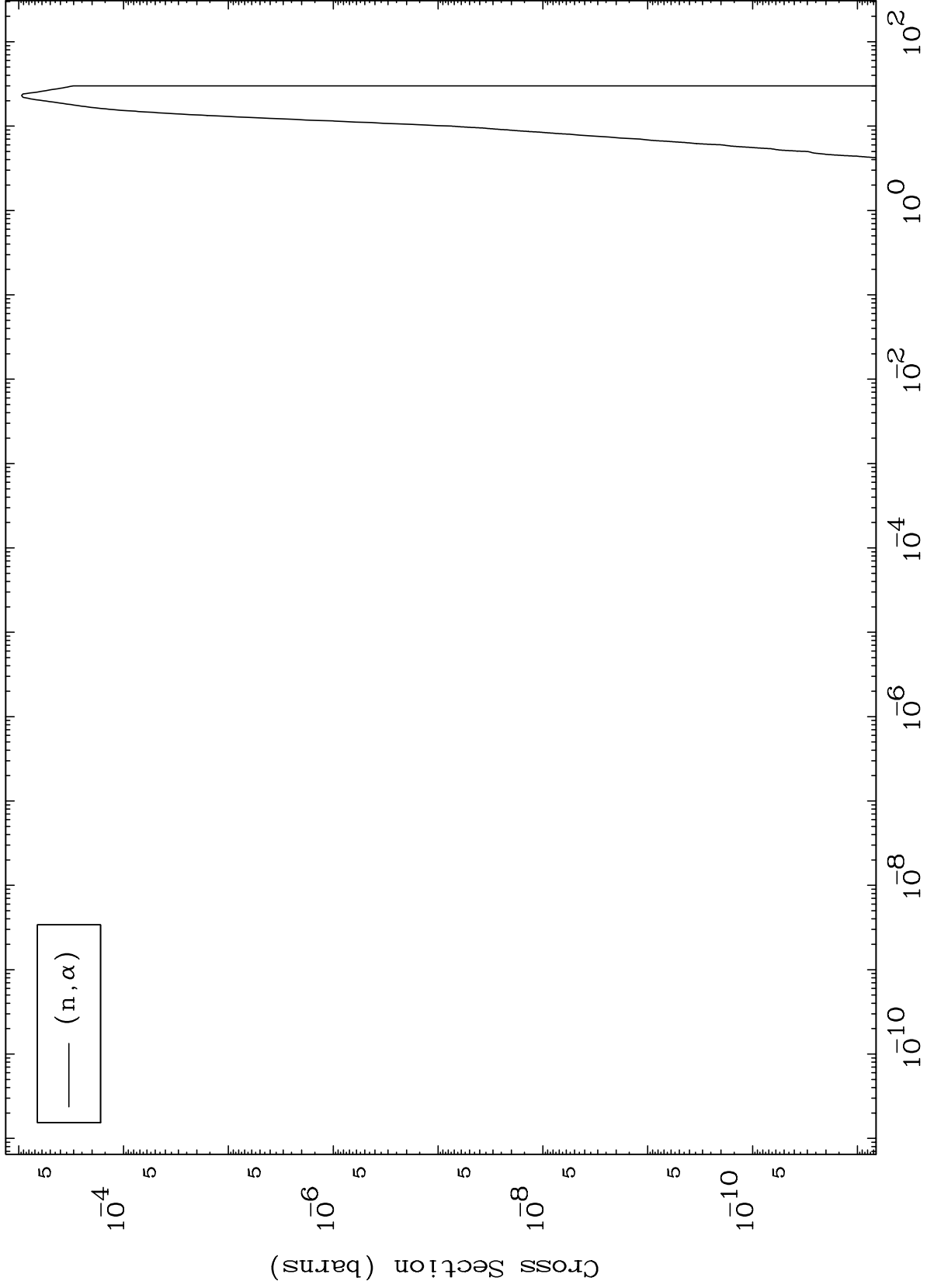
Incident Energy (MeV)

56-Ba-144

MAT 5667

(n, α) Levels
293 Kelvin Cross Sections

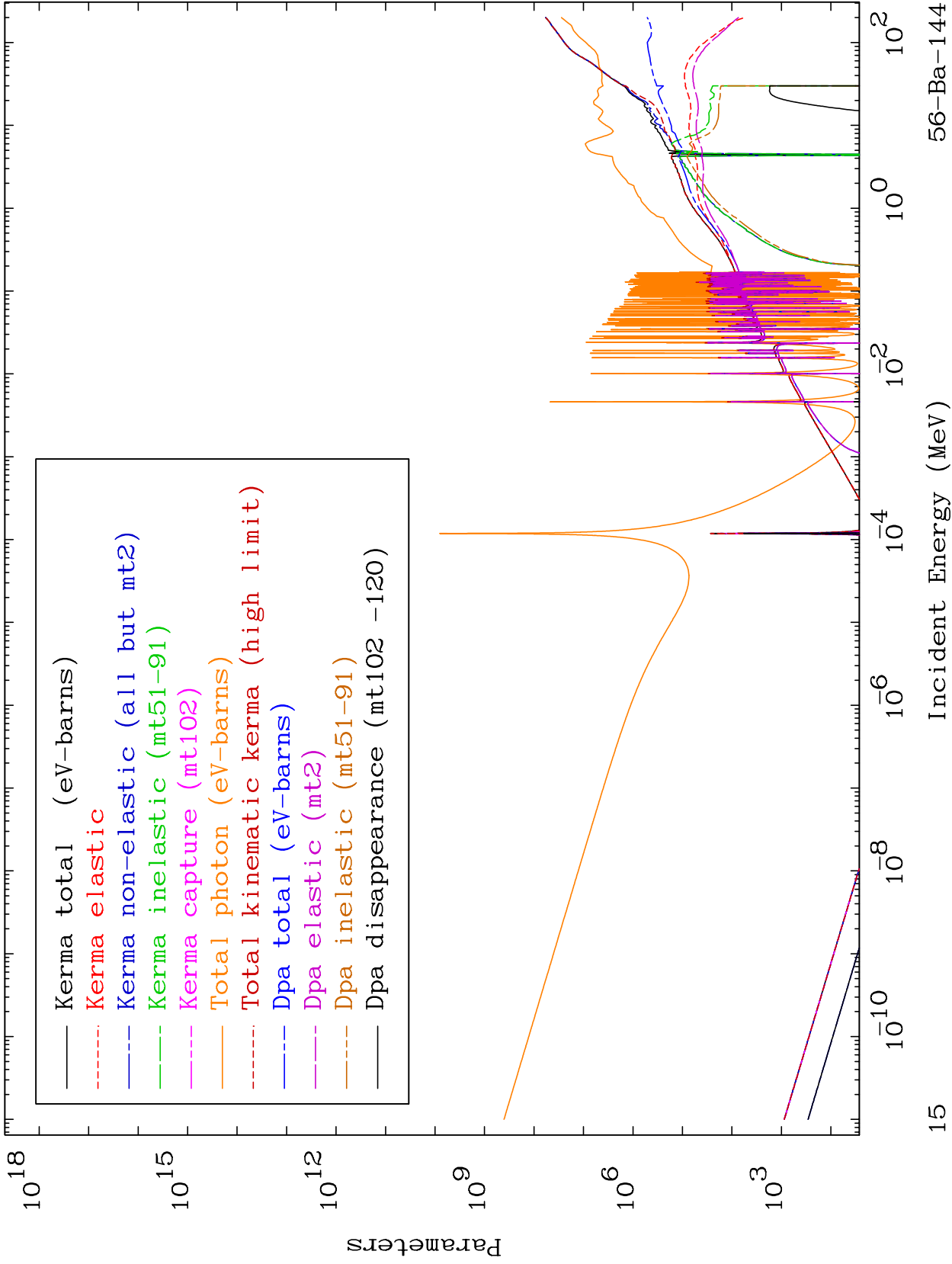
56-Ba-144



14

Incident Energy (MeV)

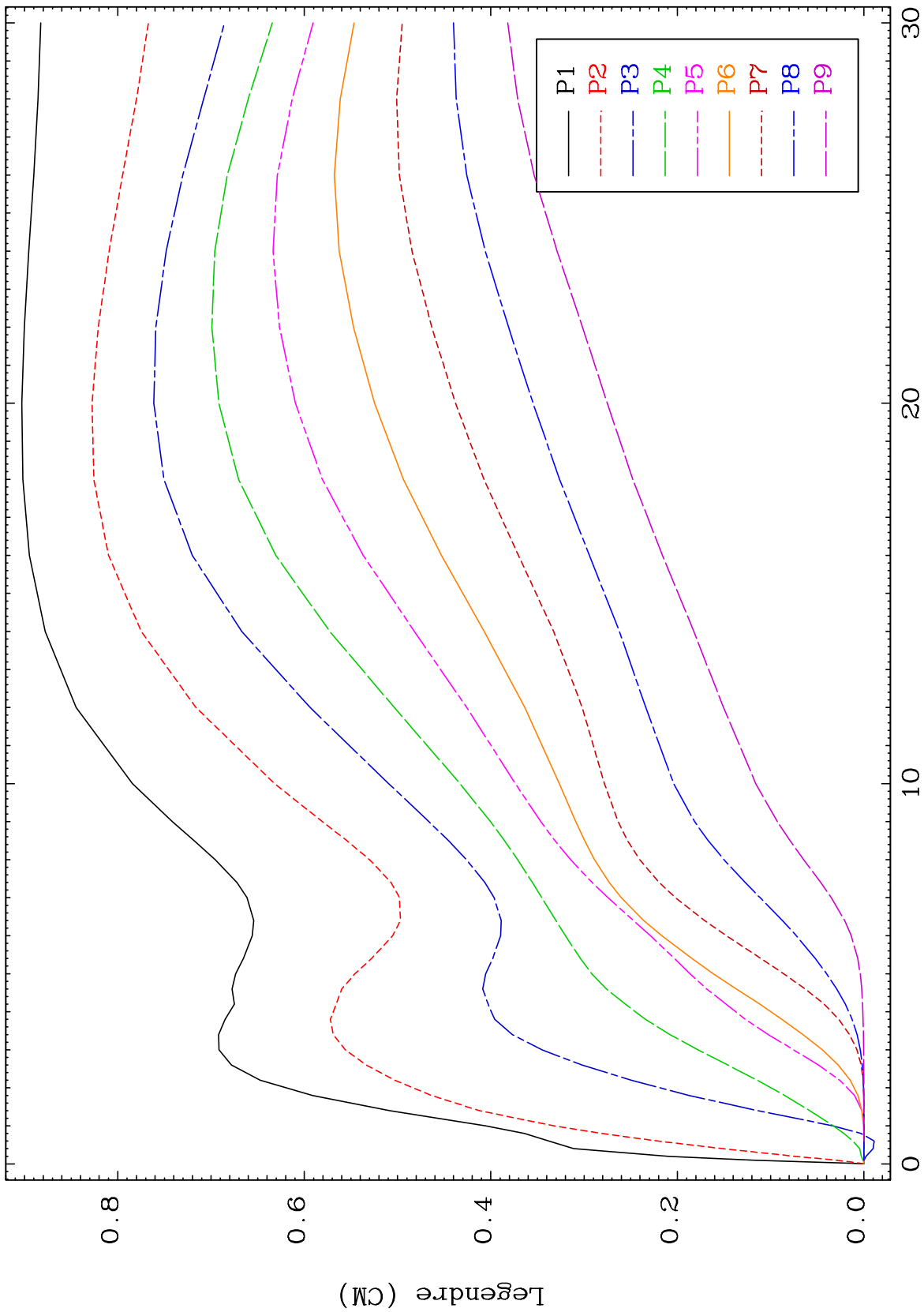
56-Ba-144



MAT 5667

Elastic Legendre Coefficients

56-Ba-144



16

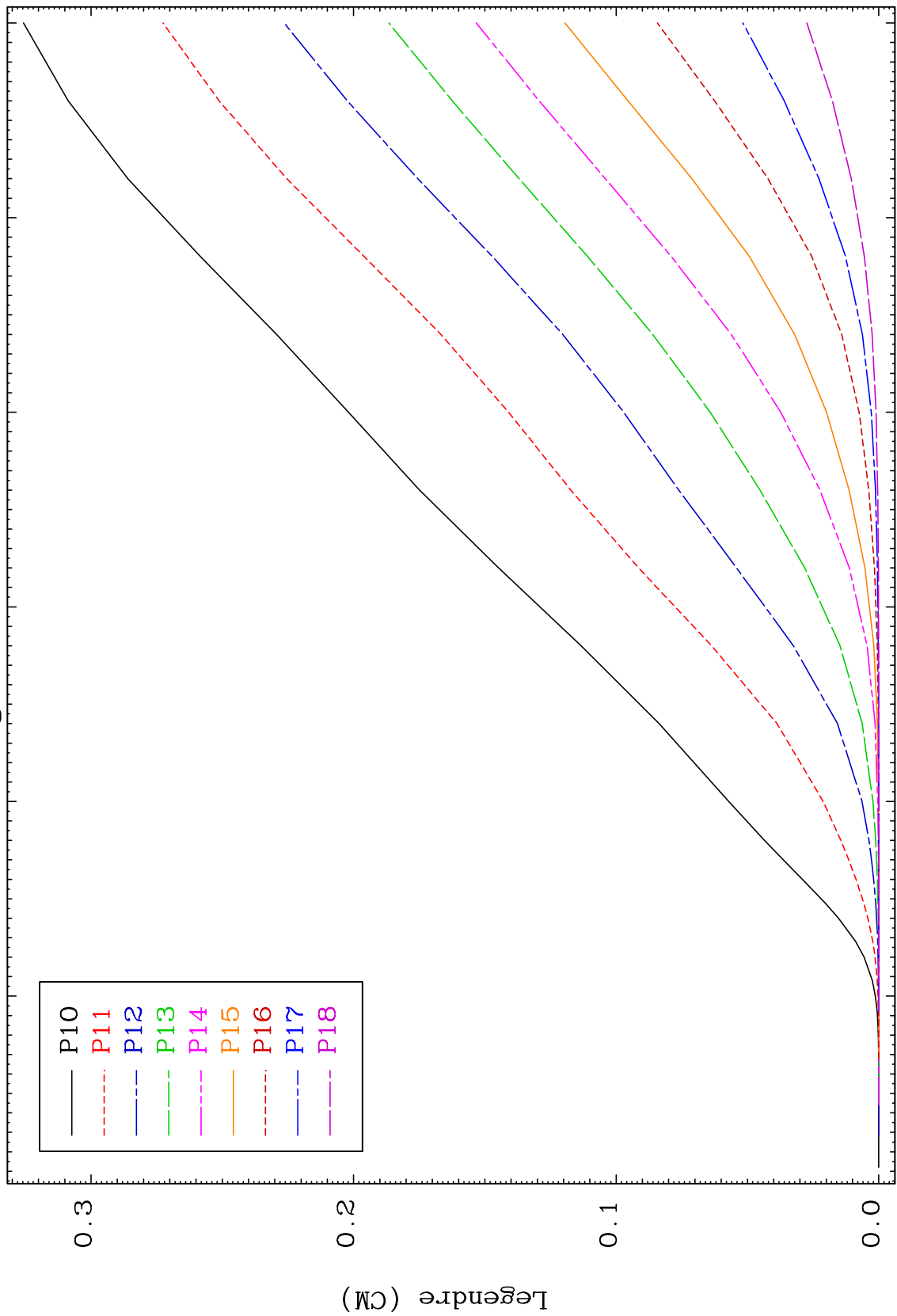
Incident Energy (MeV)

56-Ba-144

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



17

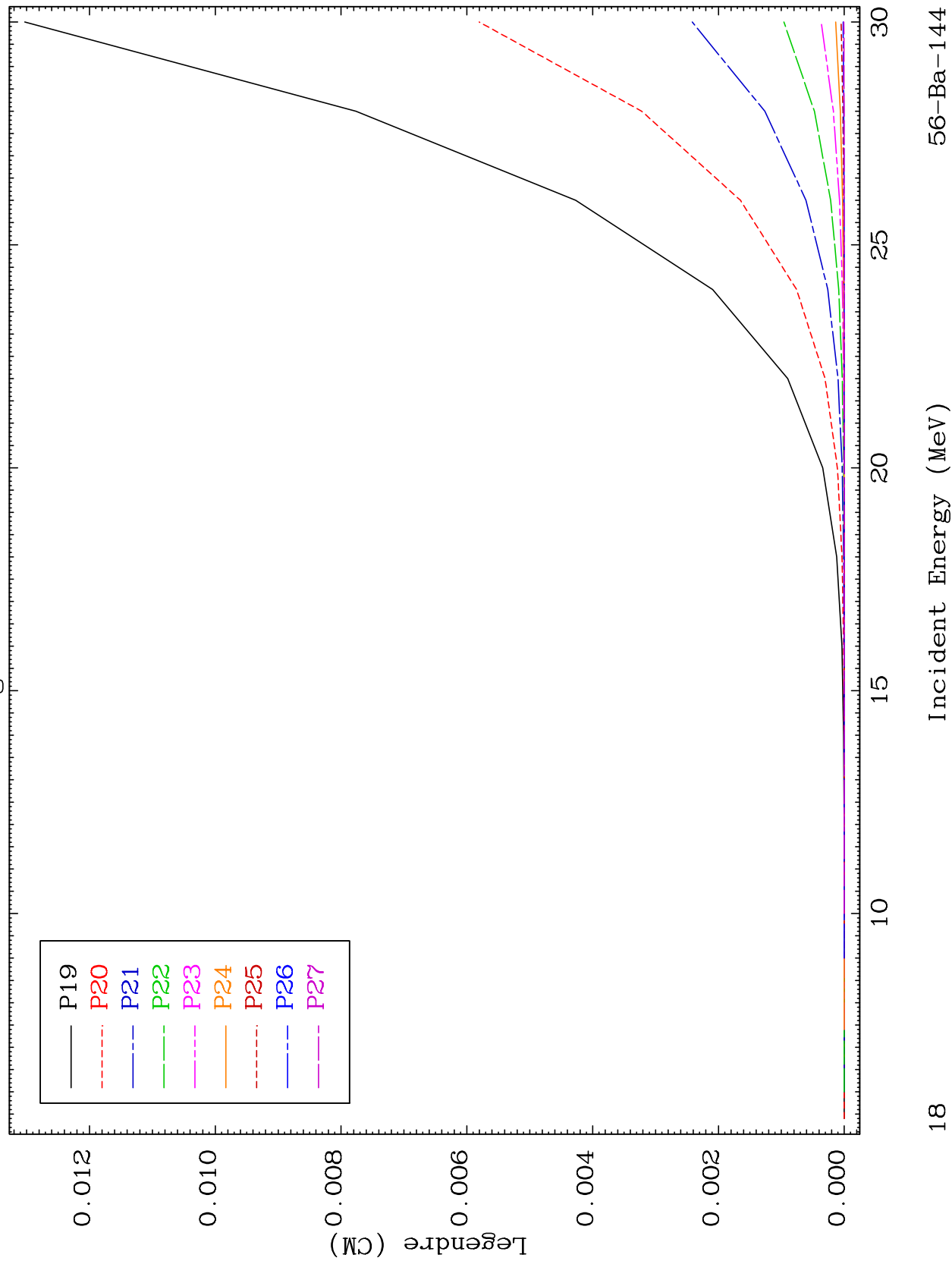
56-Ba-144

Incident Energy (MeV)

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



18

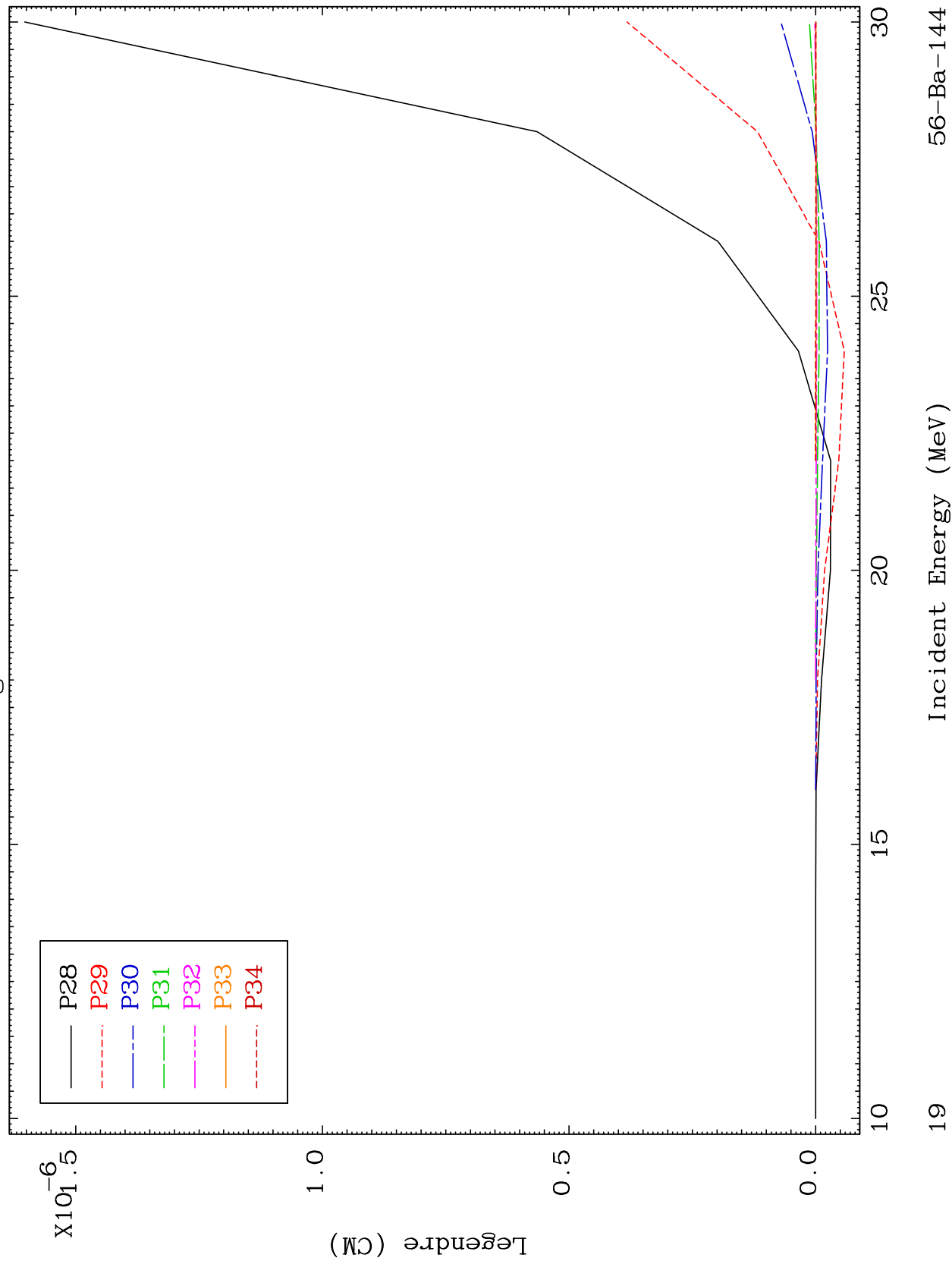
Incident Energy (MeV)

56-Ba-144

MAT 5667

Elastic Legendre Coefficients

56-Ba-144



19

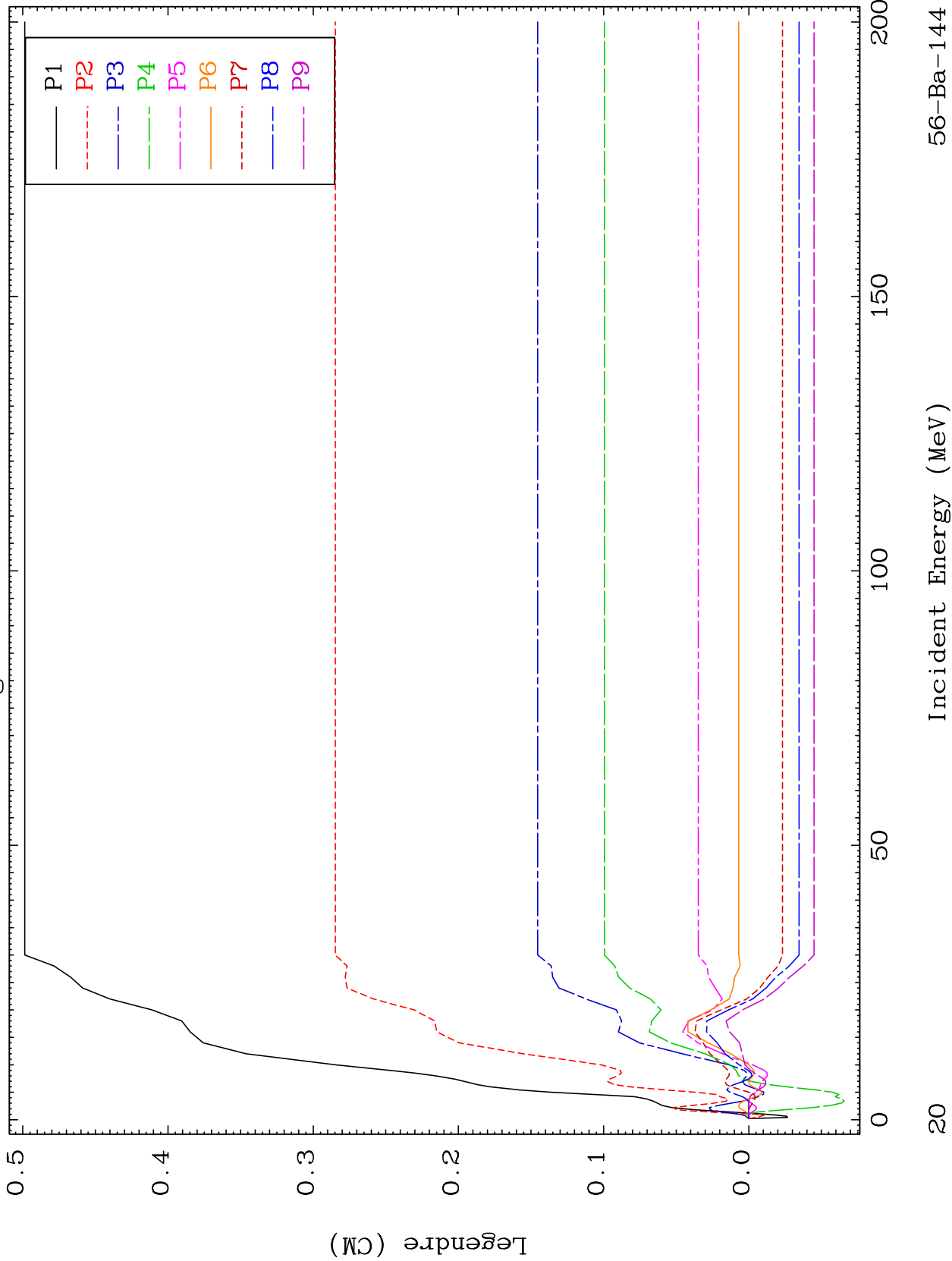
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

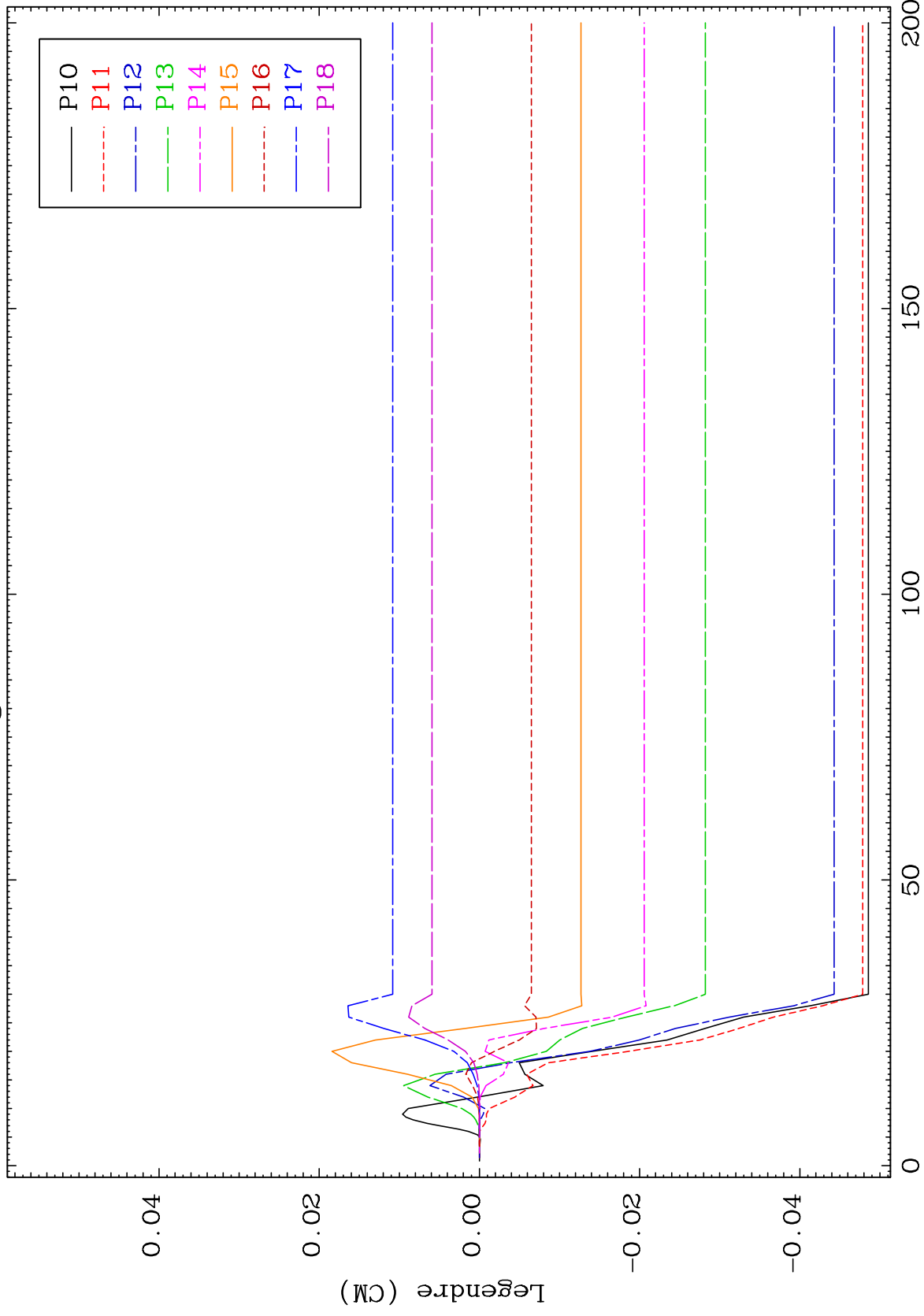
Incident Energy (MeV)

20

MAT 5667

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

56-Ba-144



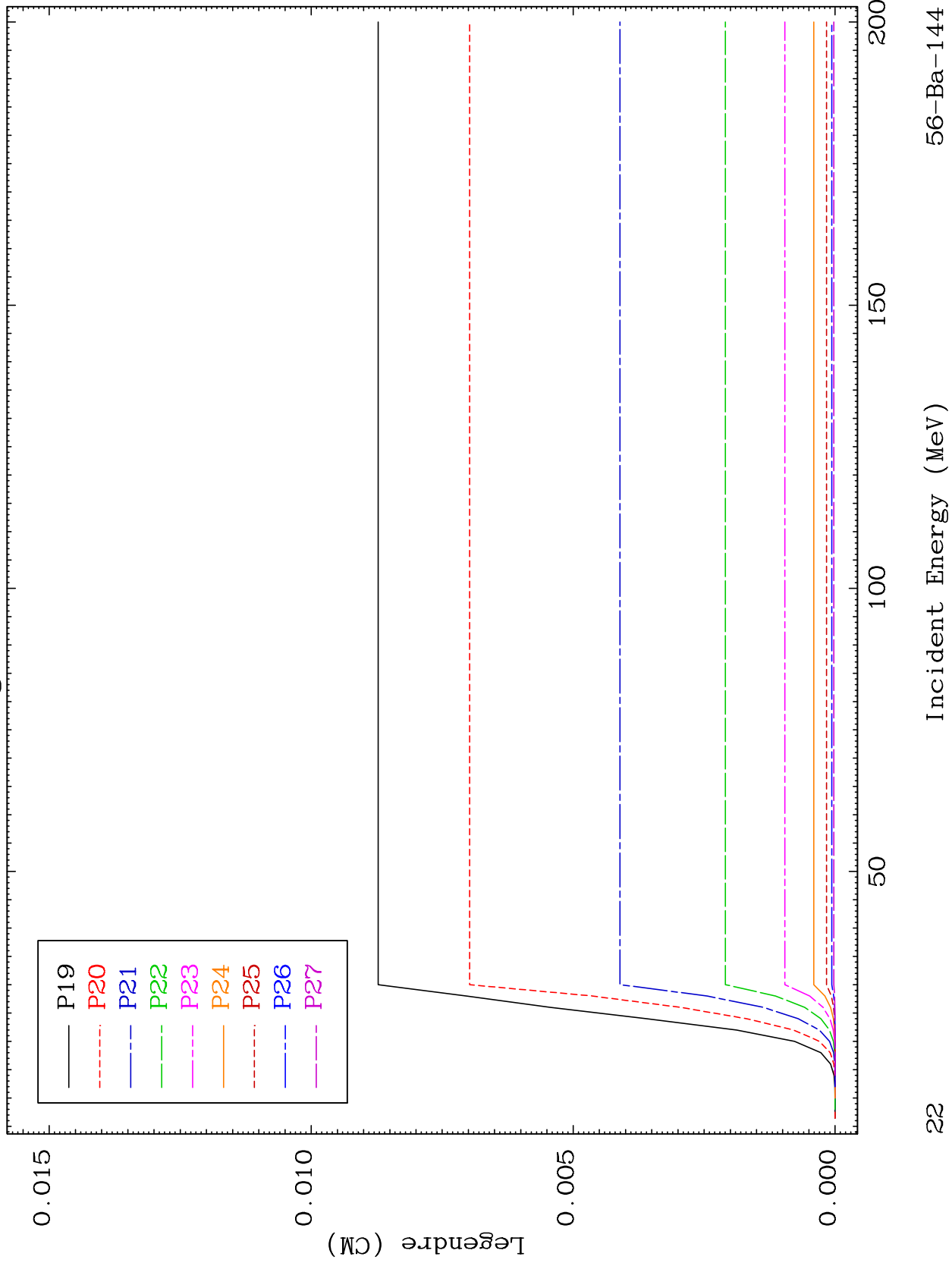
21

56-Ba-144

MAT 5667

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

56-Ba-144



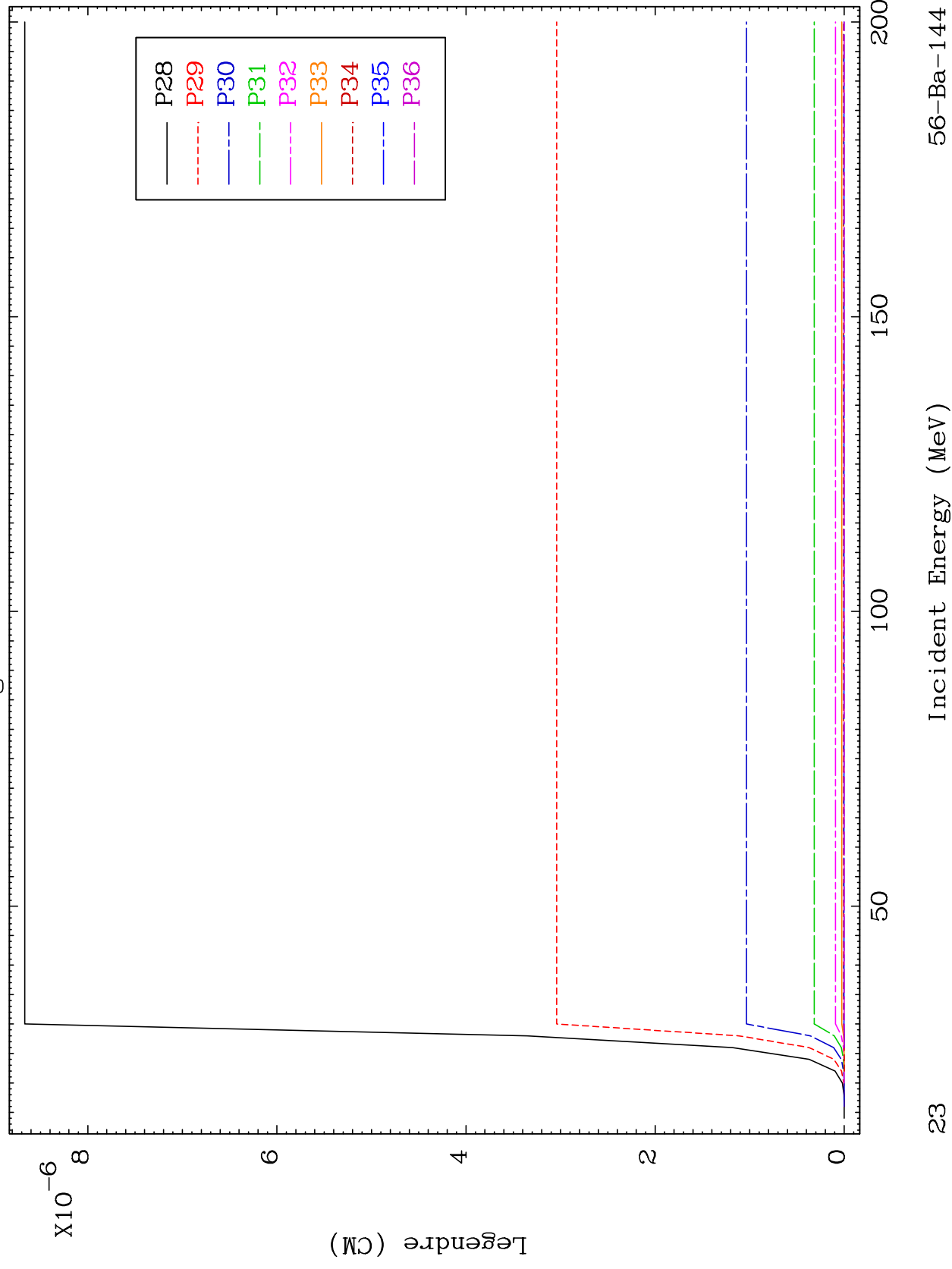
22

56-Ba-144

MAT 5667

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

56-Ba-144



23

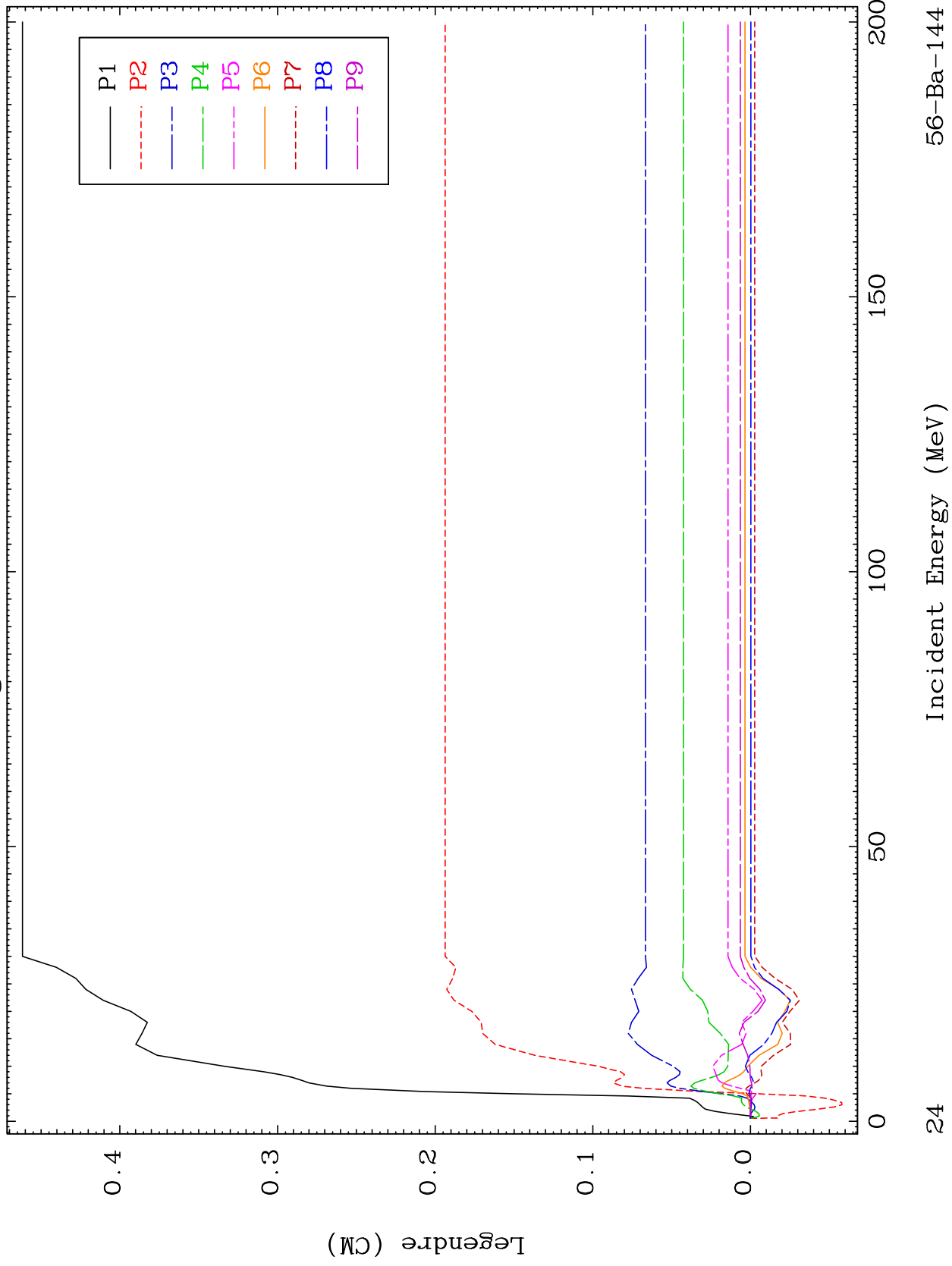
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144

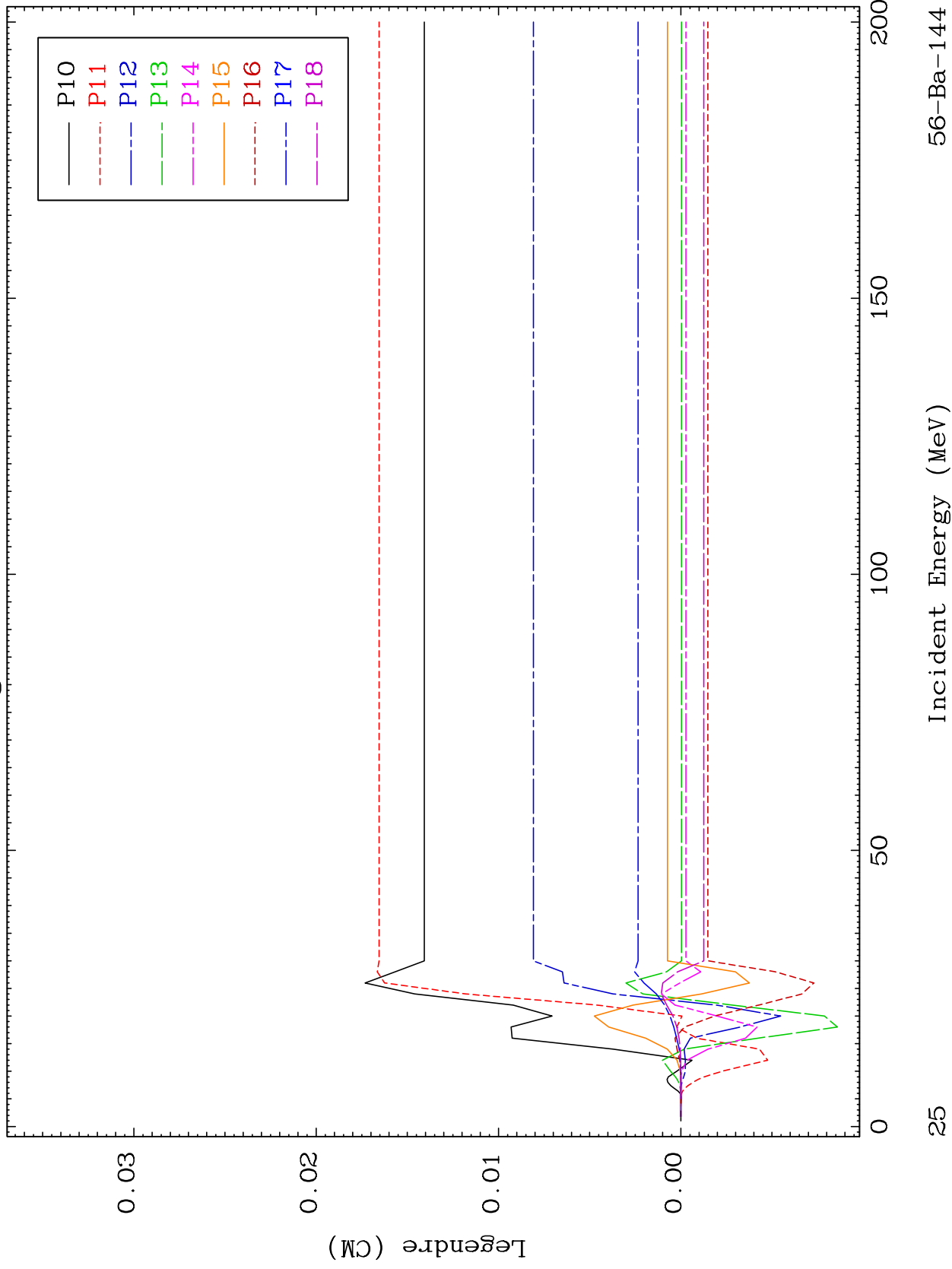


24

MAT 5667

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

56-Ba-144



56-Ba-144

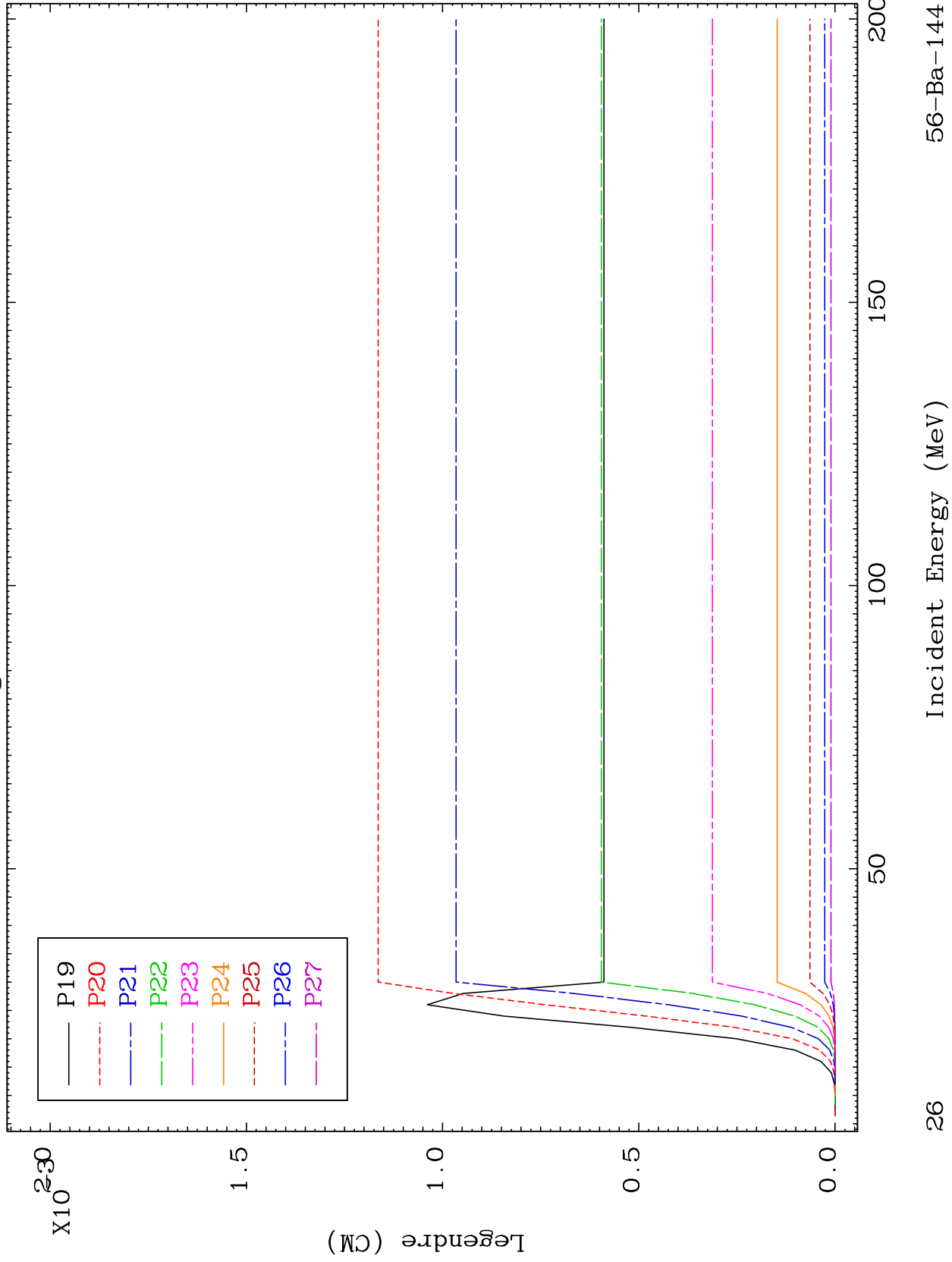
Incident Energy (MeV)

25

MAT 5667

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

56-Ba-144

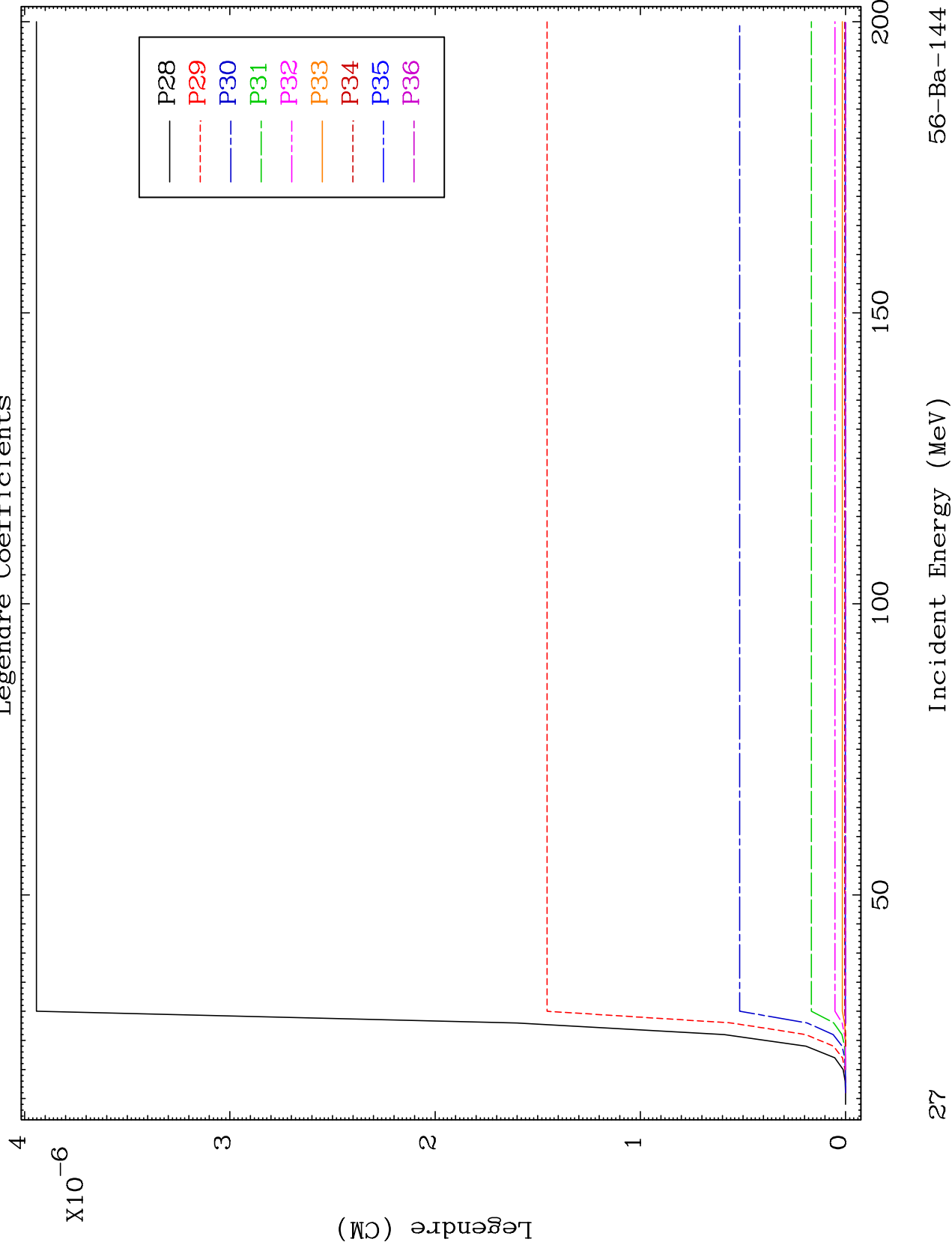


26

MAT 5667

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

56-Ba-144



27

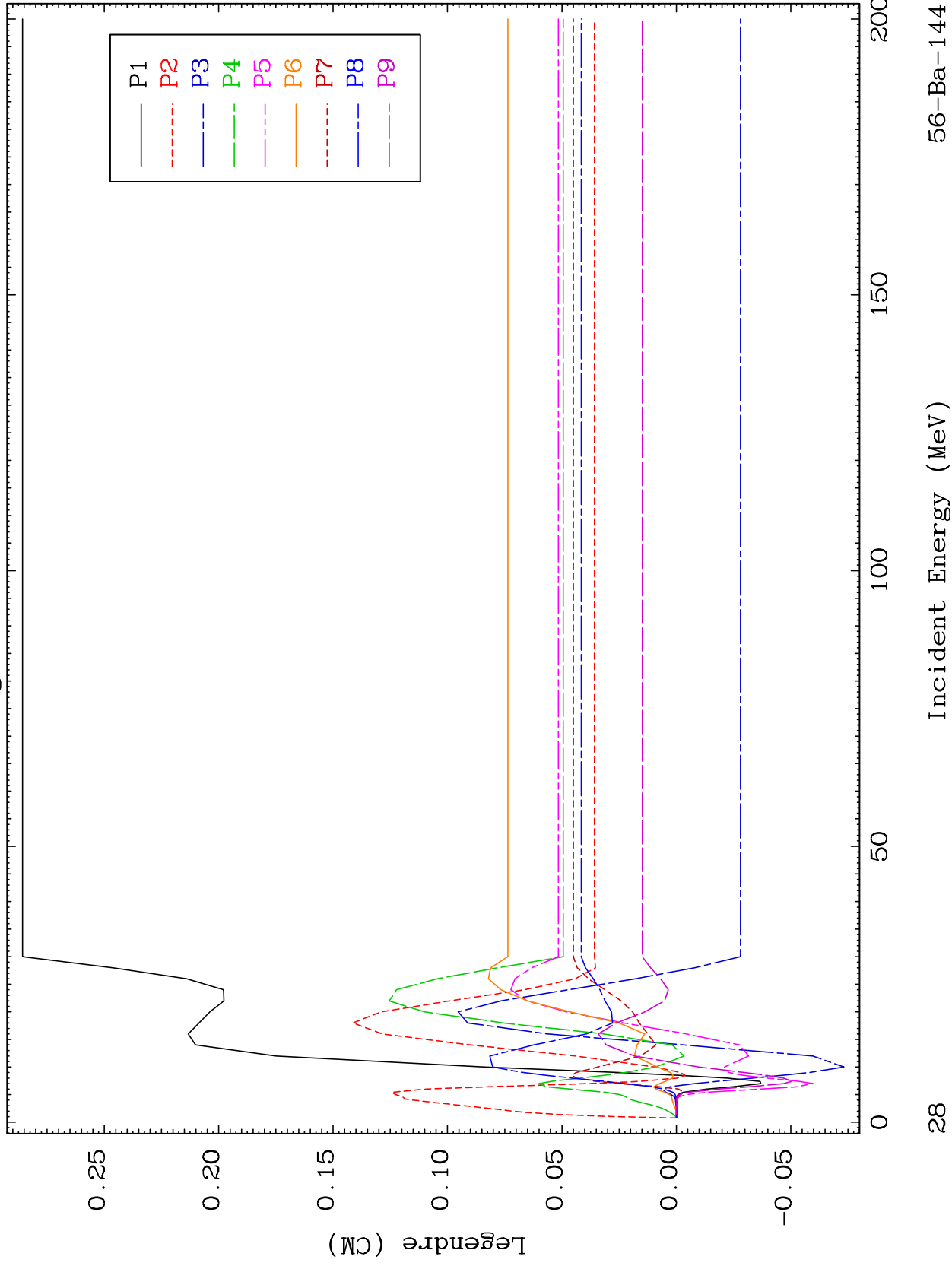
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



56-Ba-144

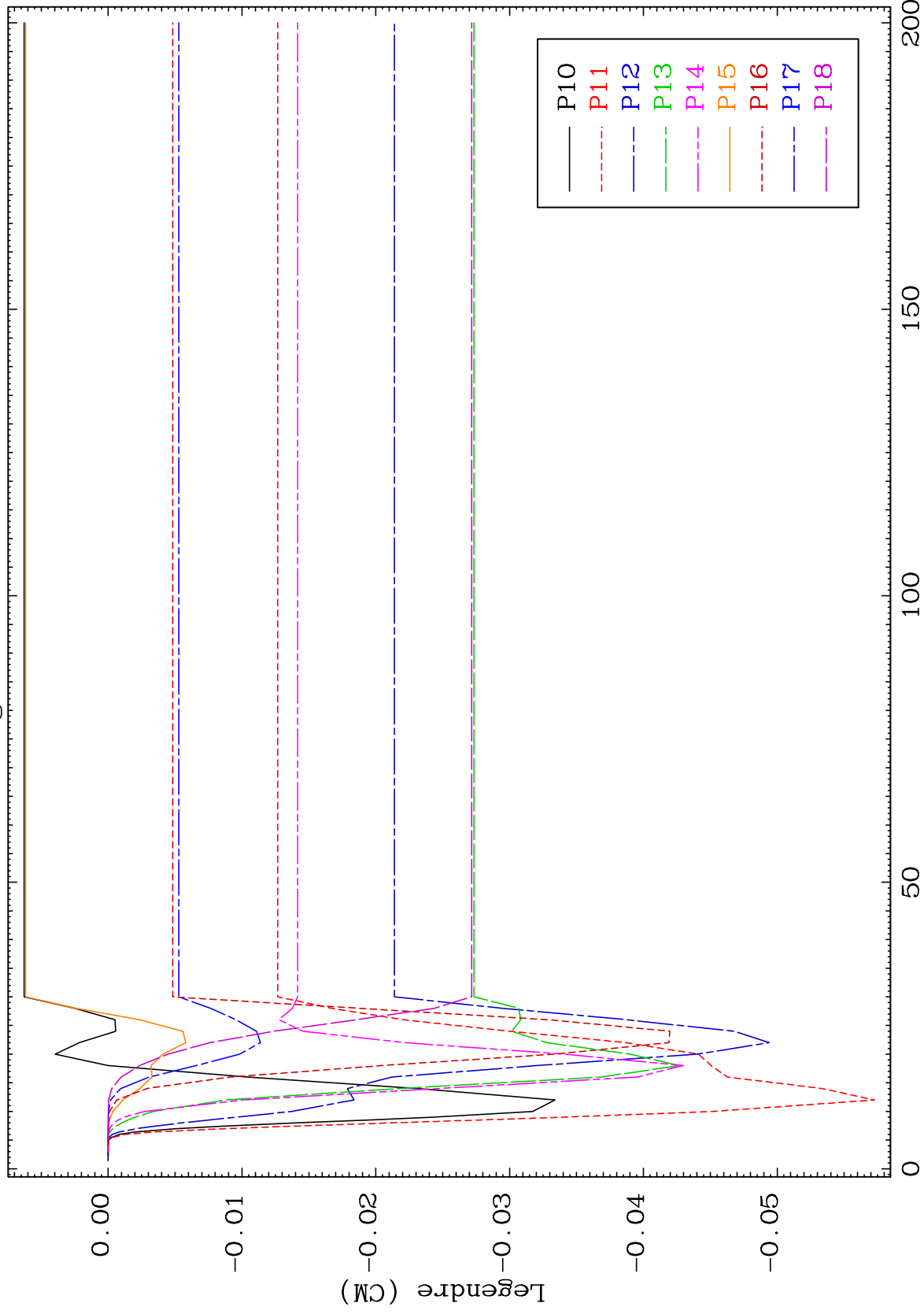
Incident Energy (MeV)

28

MAT 5667

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

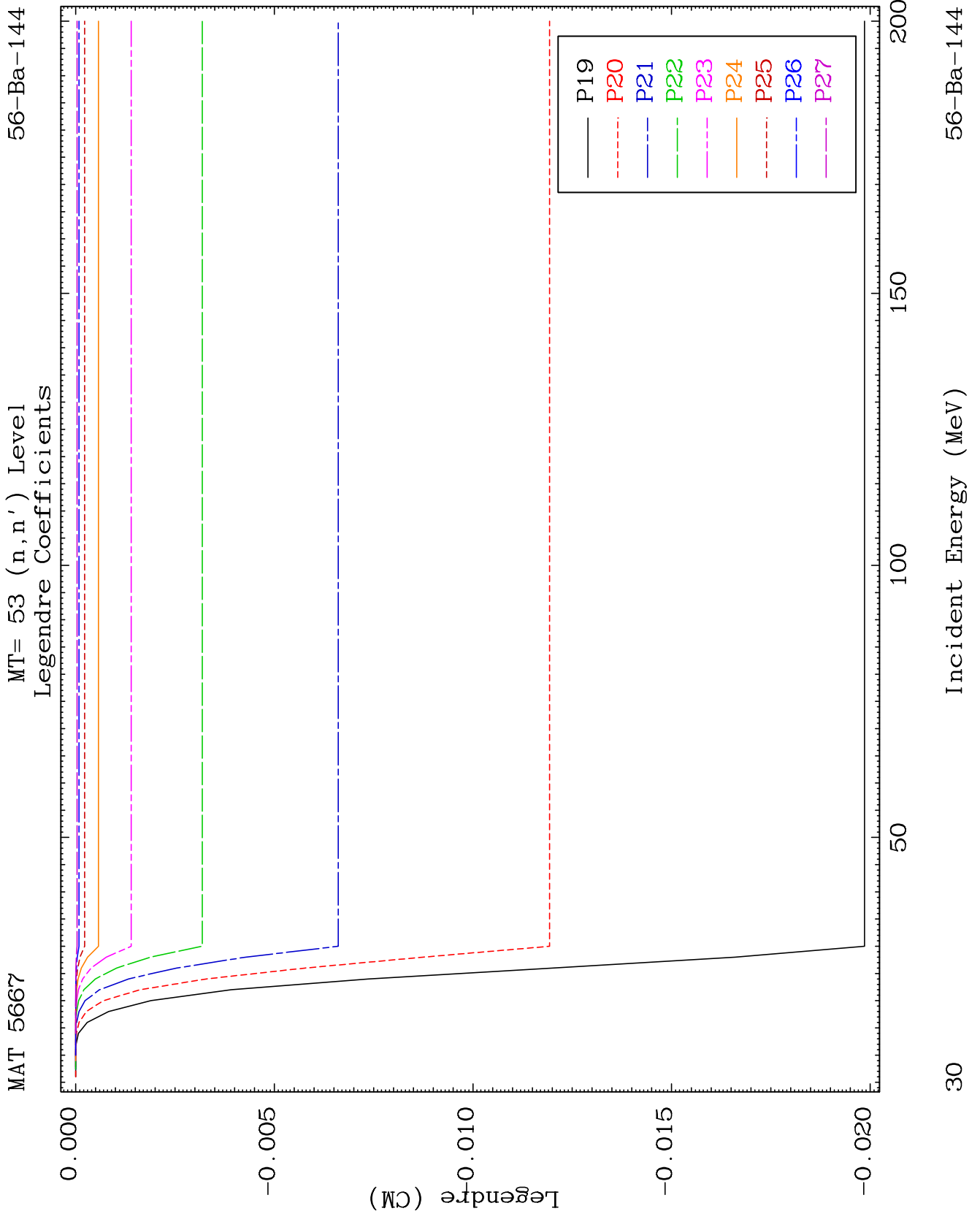
56-Ba-144

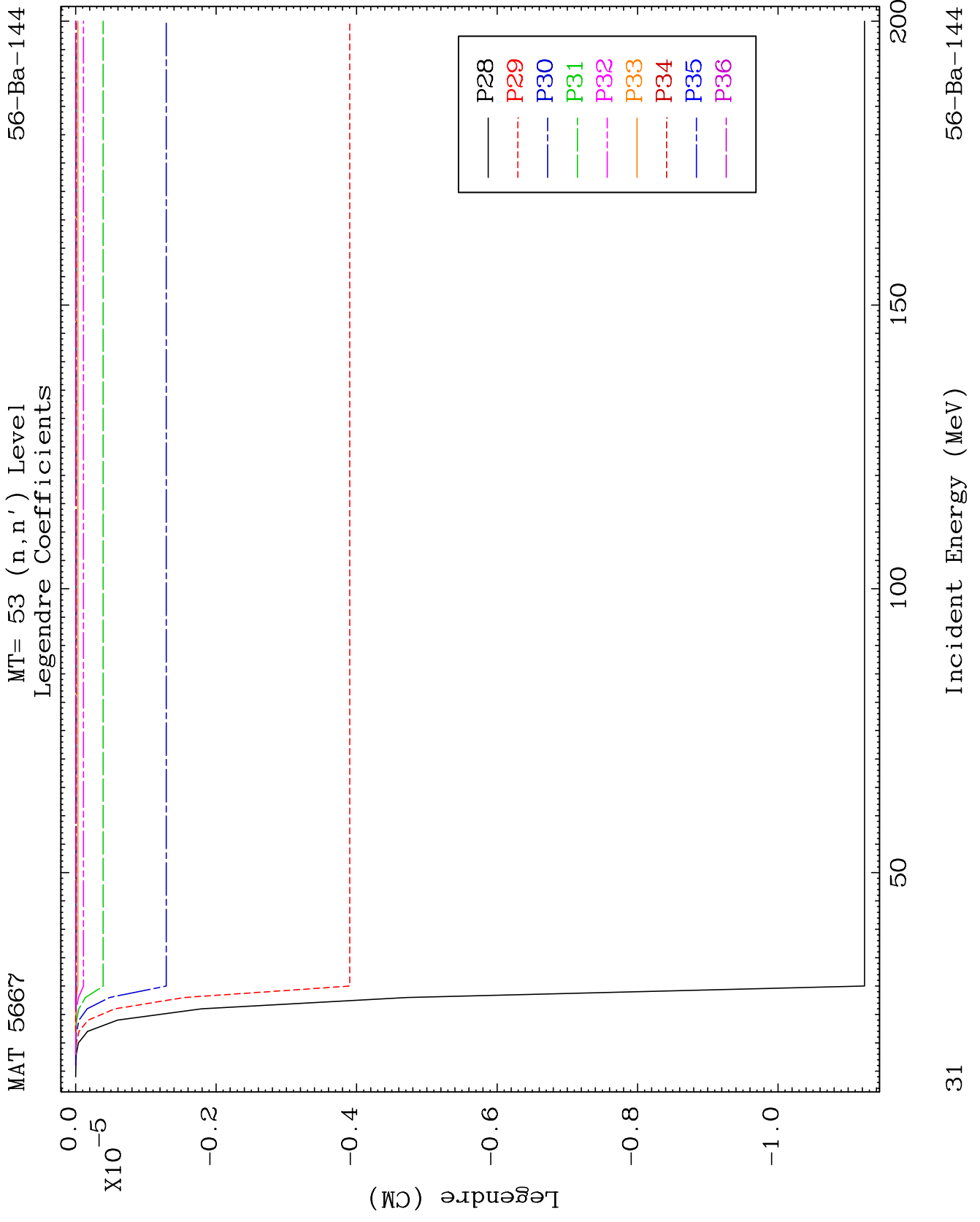


29

Incident Energy (MeV)

56-Ba-144

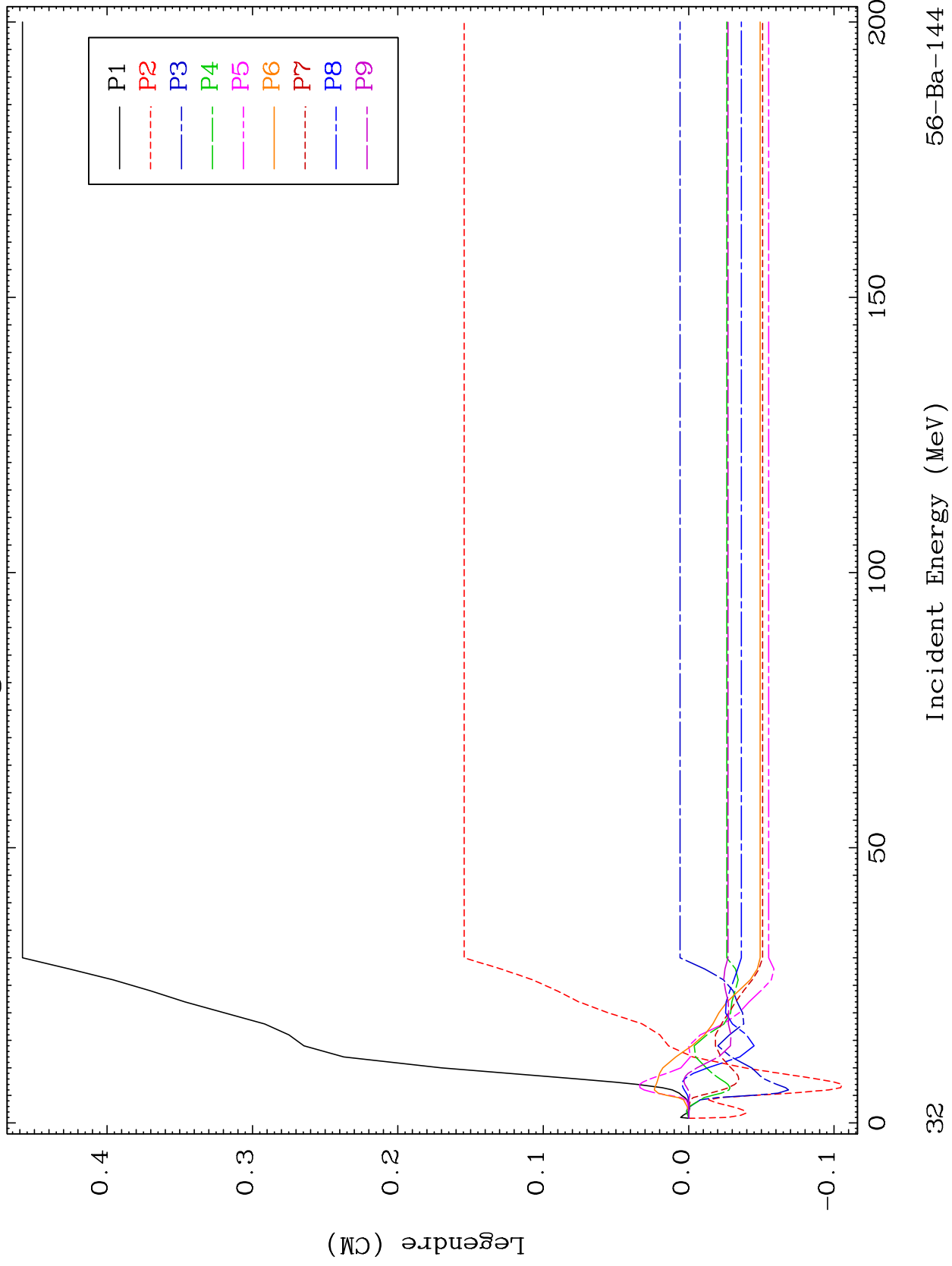




MAT 5667

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

56-Ba-144



56-Ba-144

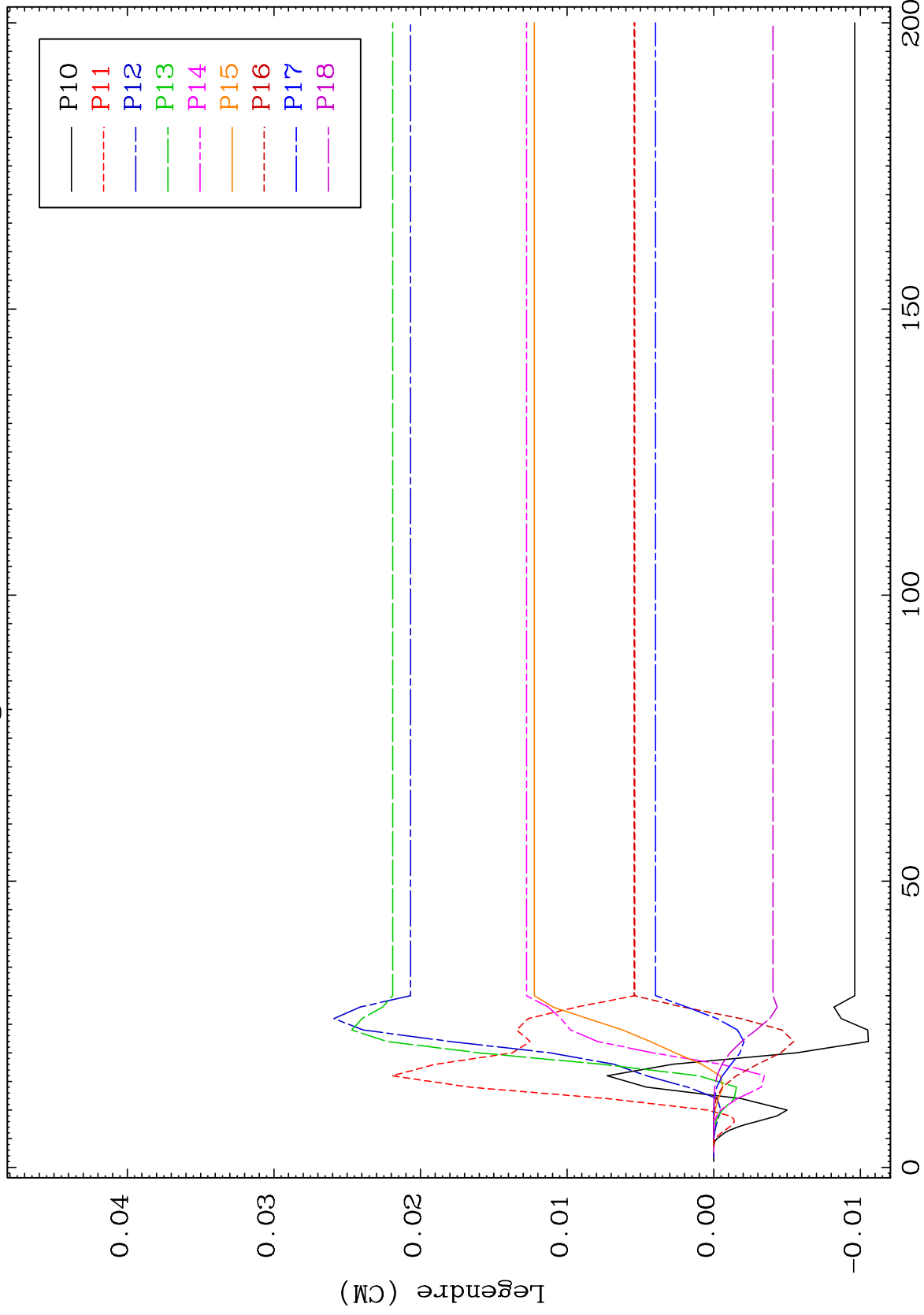
Incident Energy (MeV)

32

MAT 5667

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

56-Ba-144



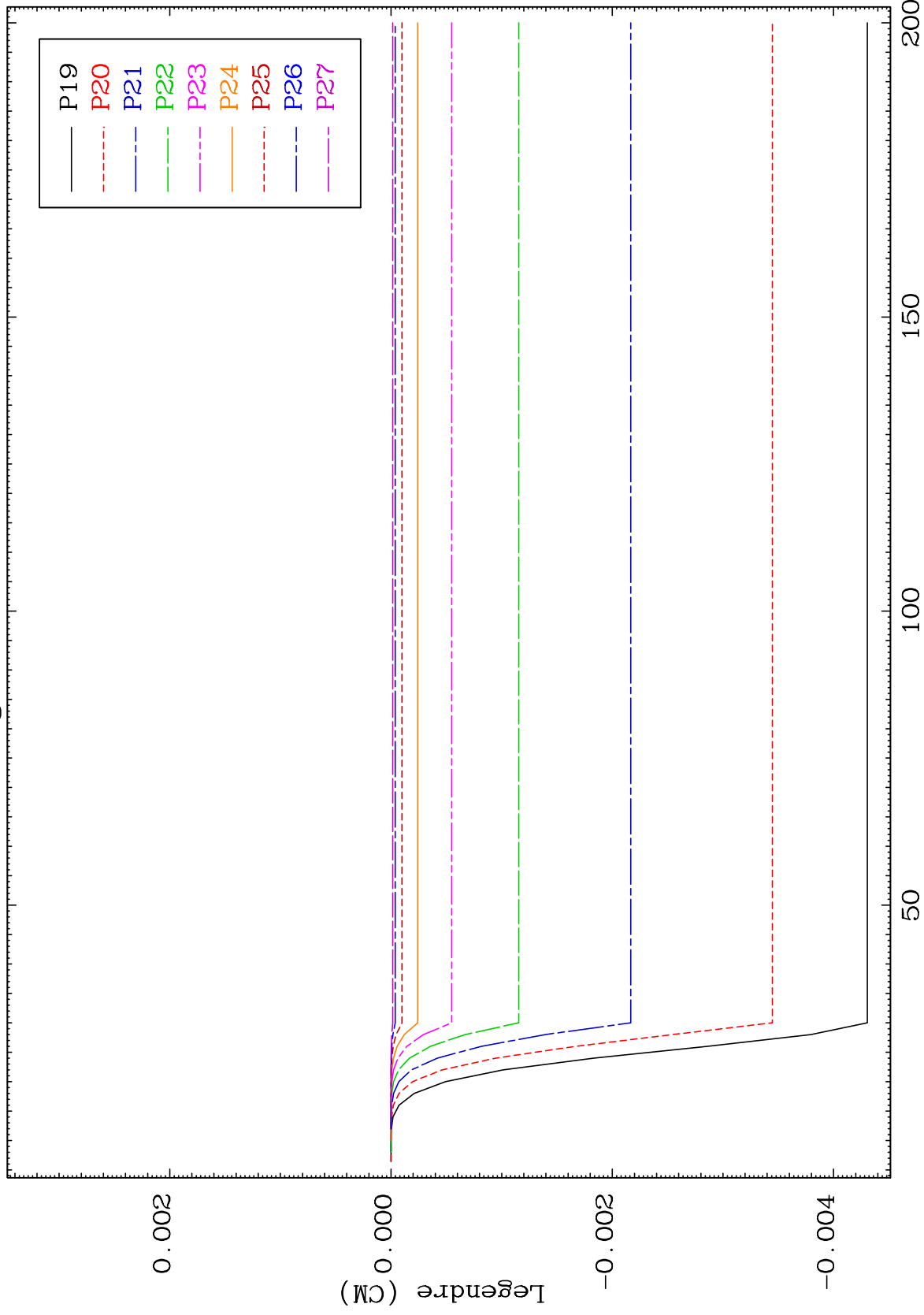
33

56-Ba-144

MAT 5667

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

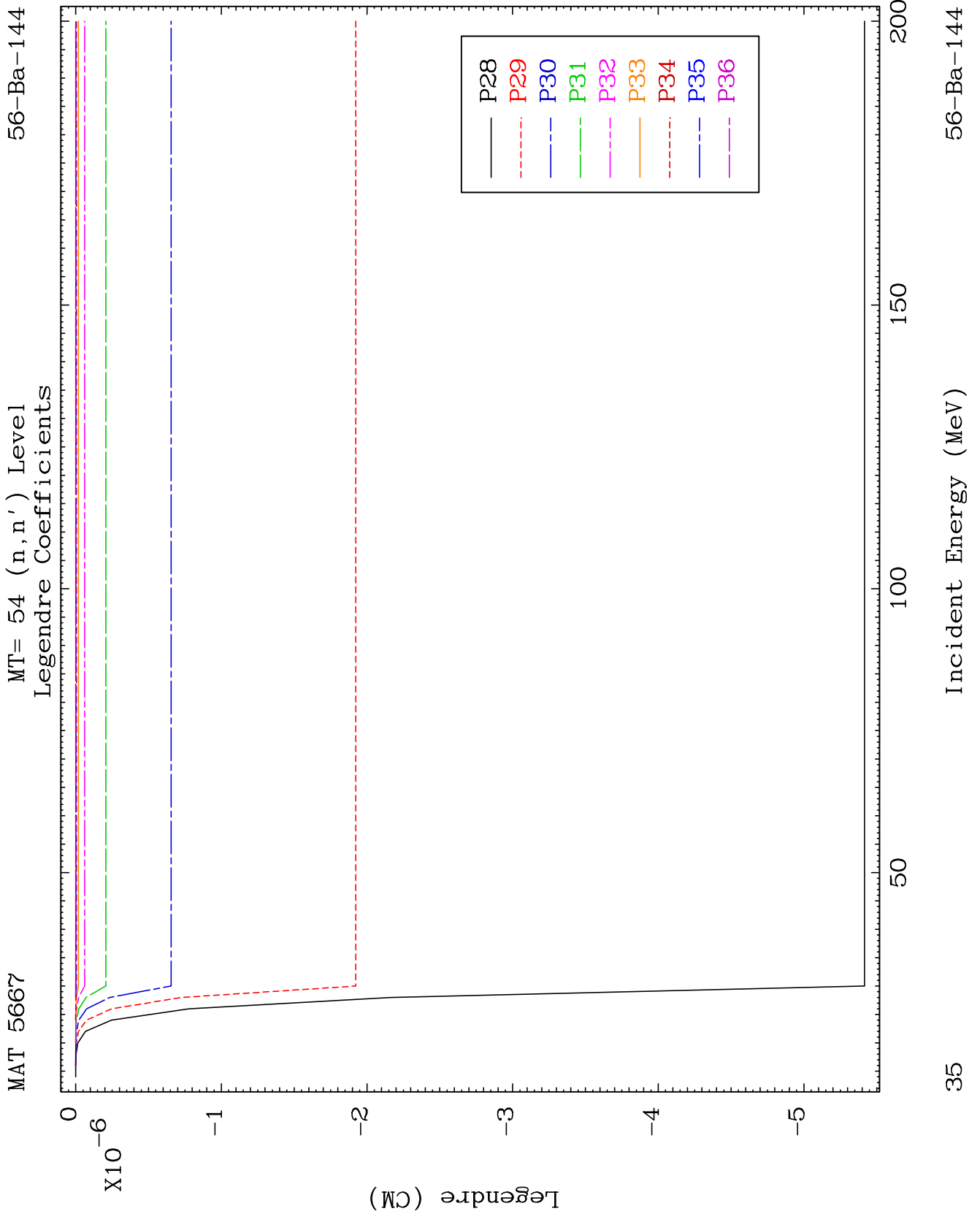
56-Ba-144



34

Incident Energy (MeV)

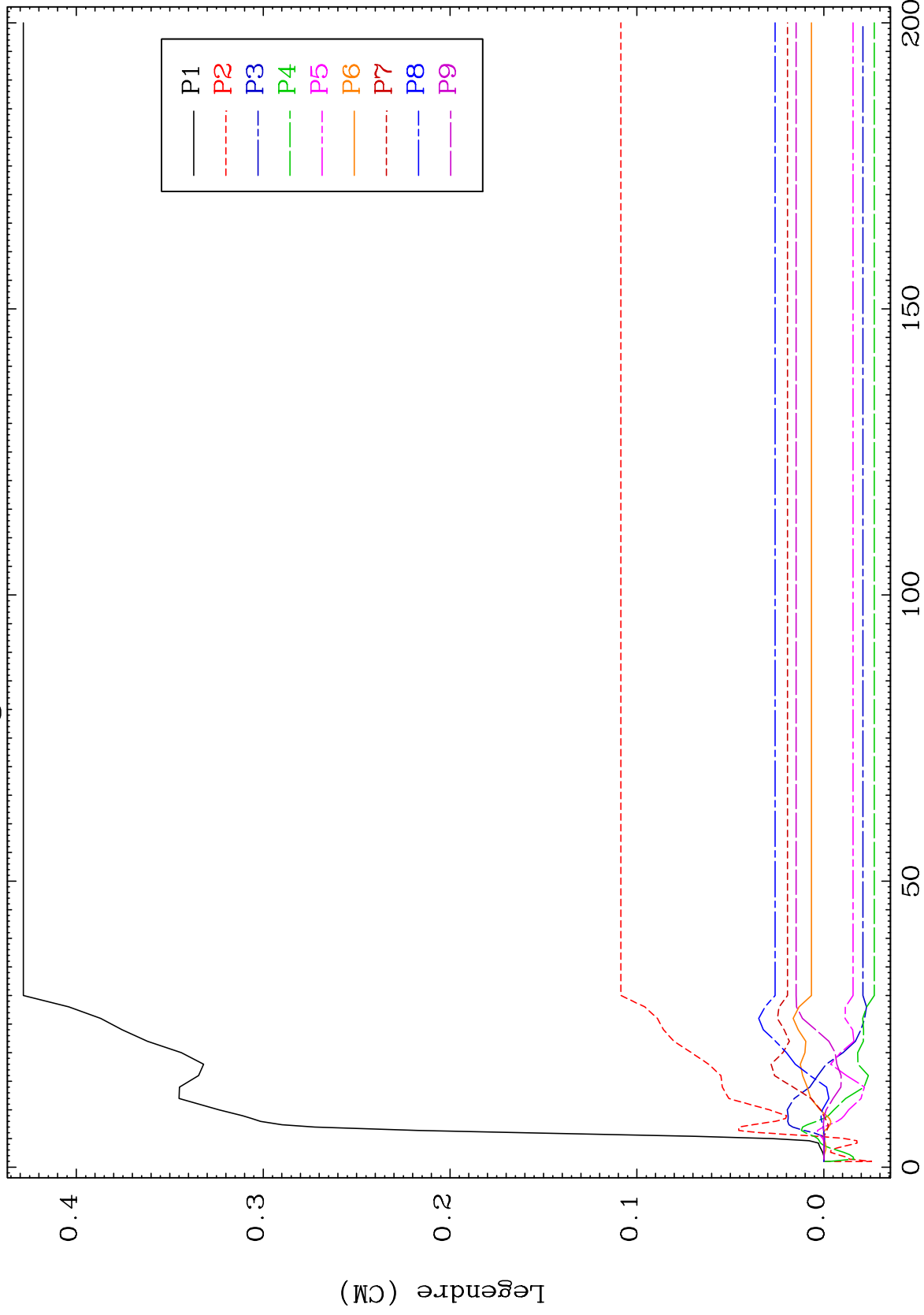
56-Ba-144



MAT 5667

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

56-Ba-144



36

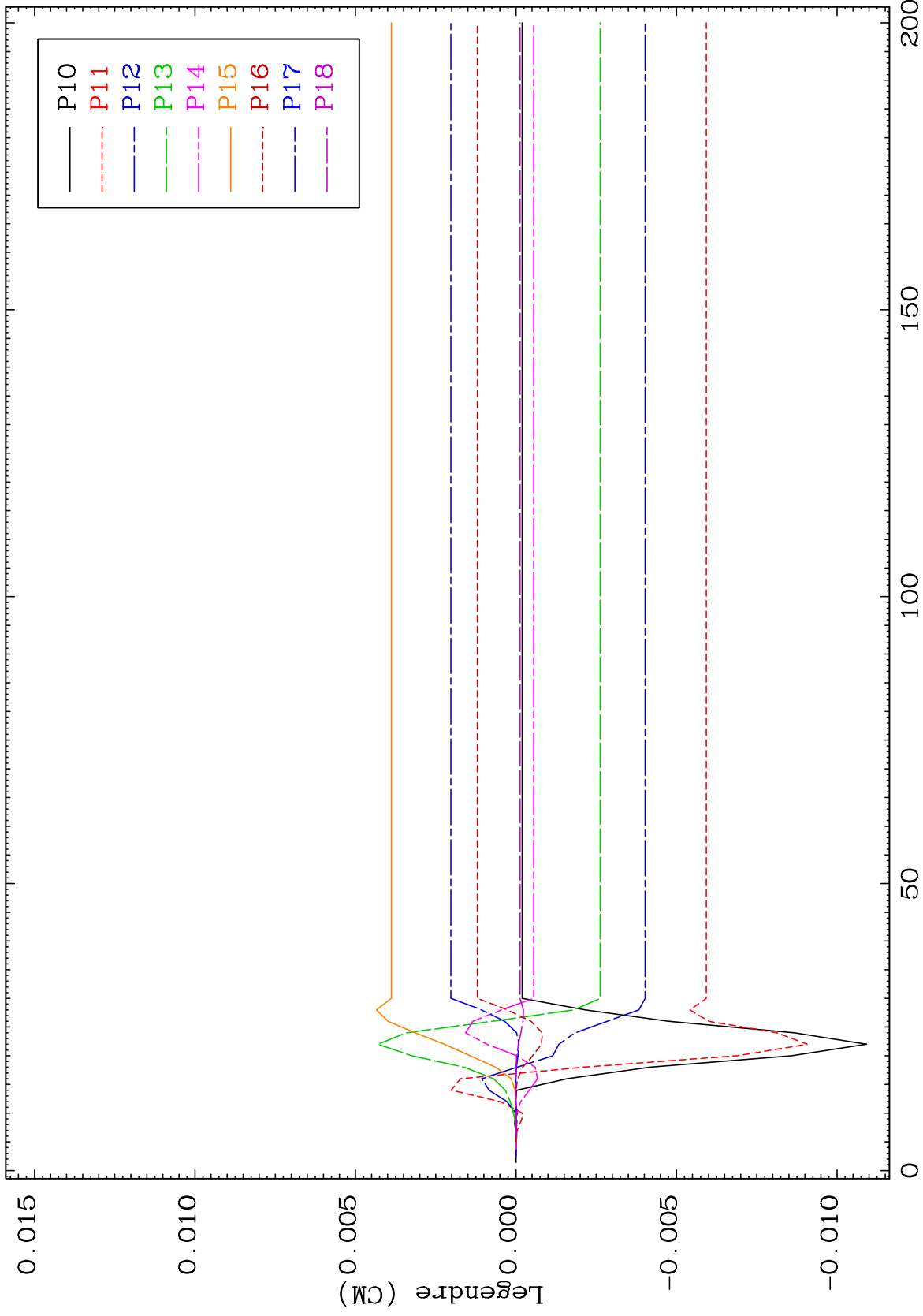
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

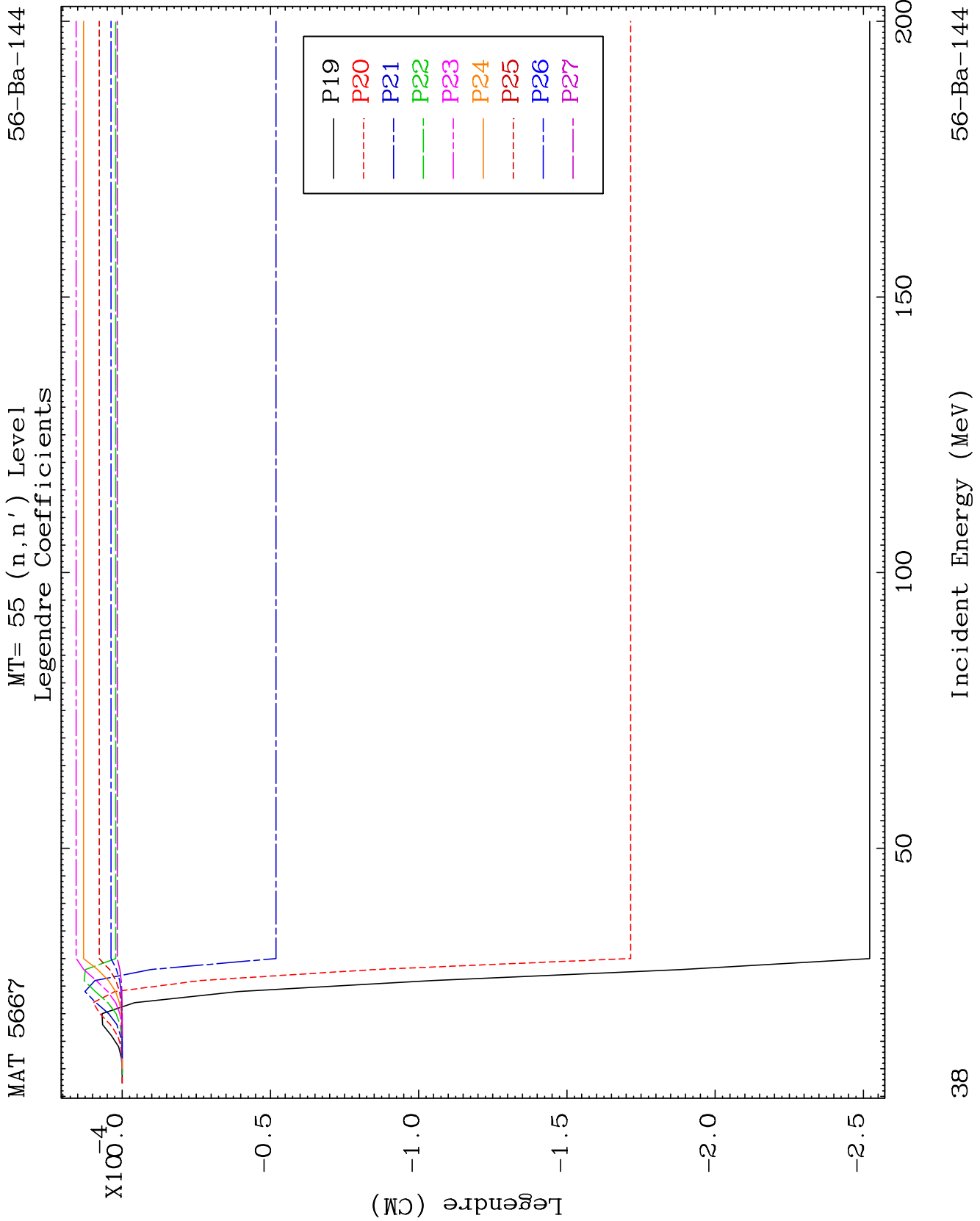
56-Ba-144



37

Incident Energy (MeV)

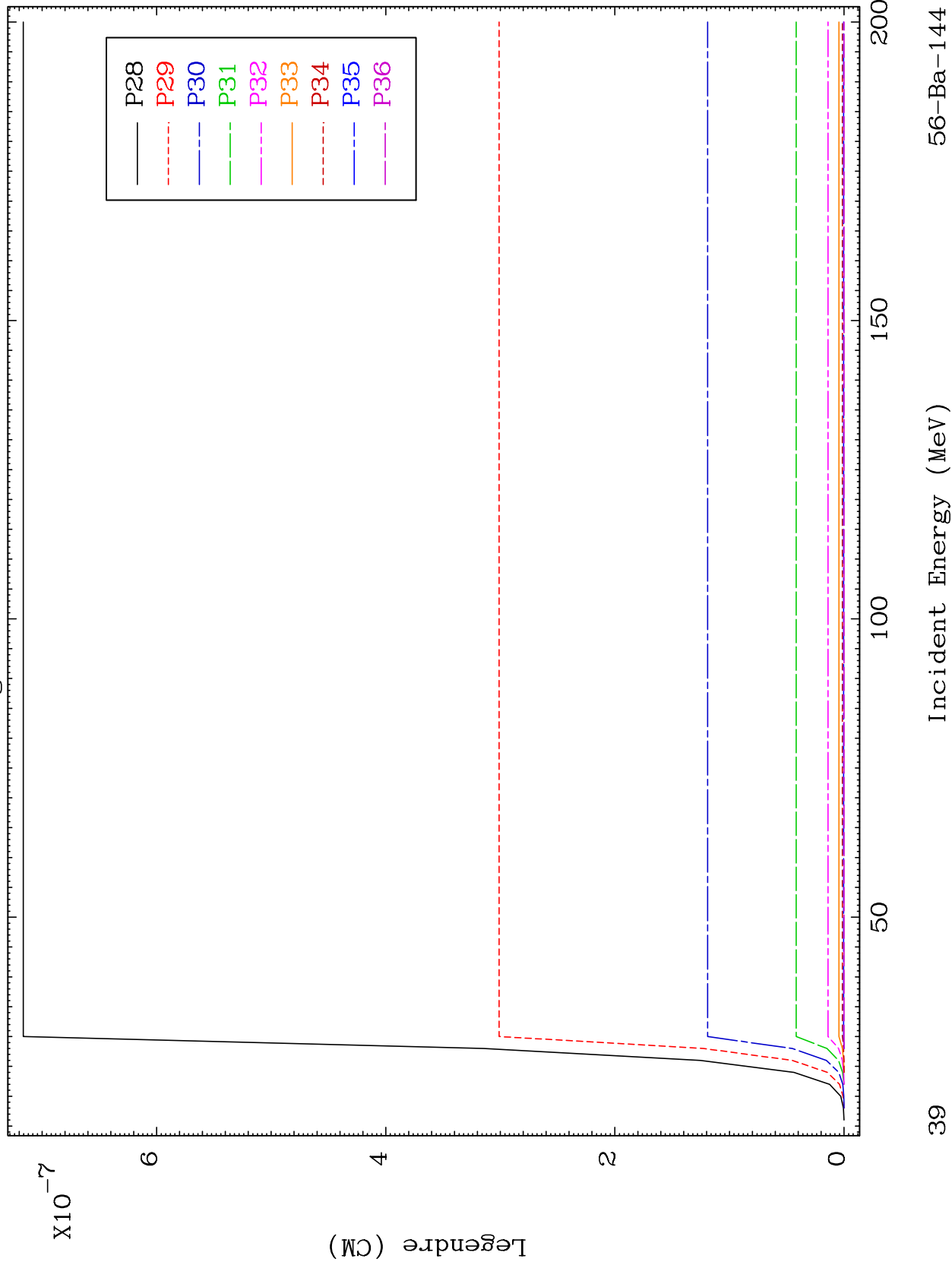
56-Ba-144

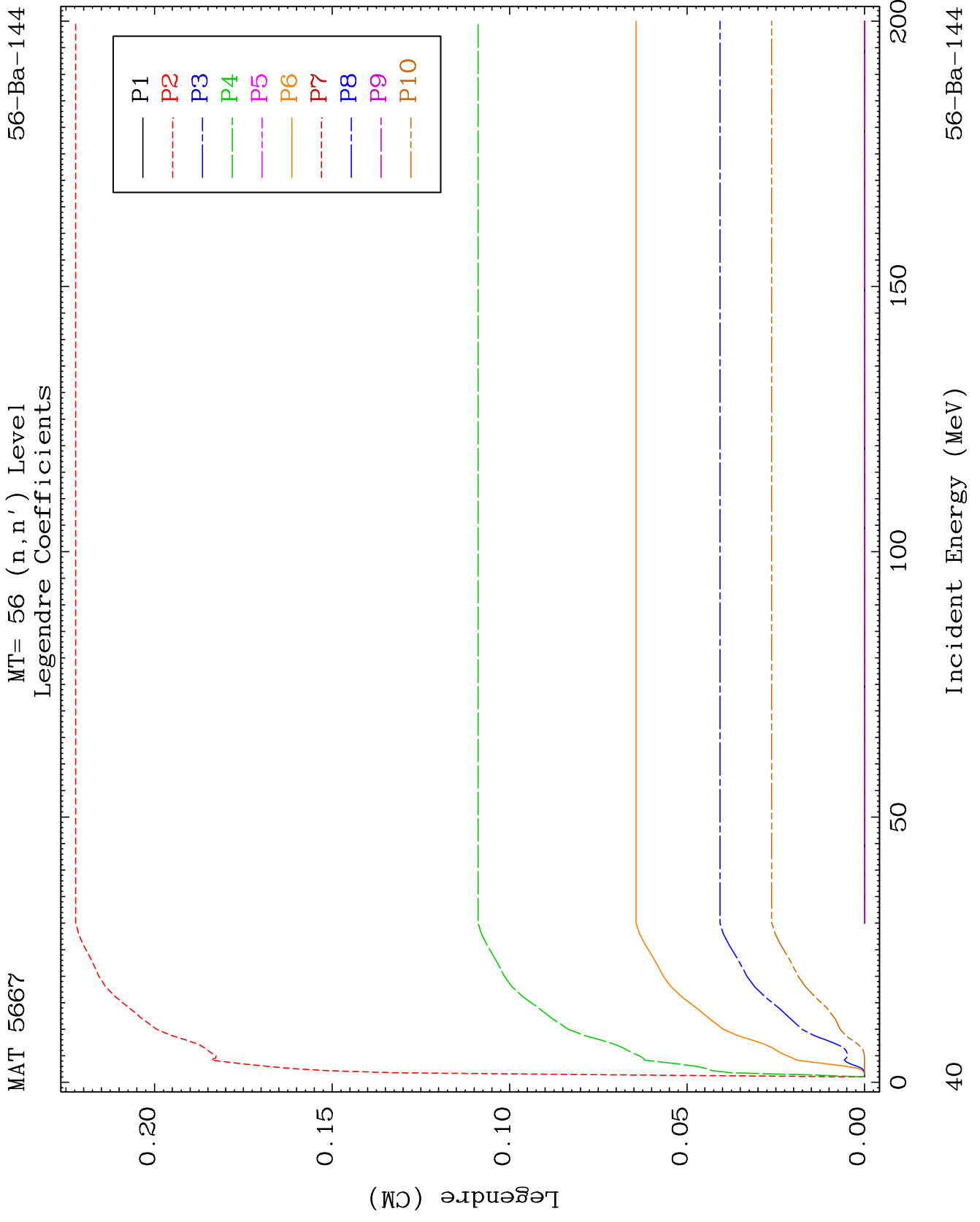


MAT 5667

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

56-Ba-144

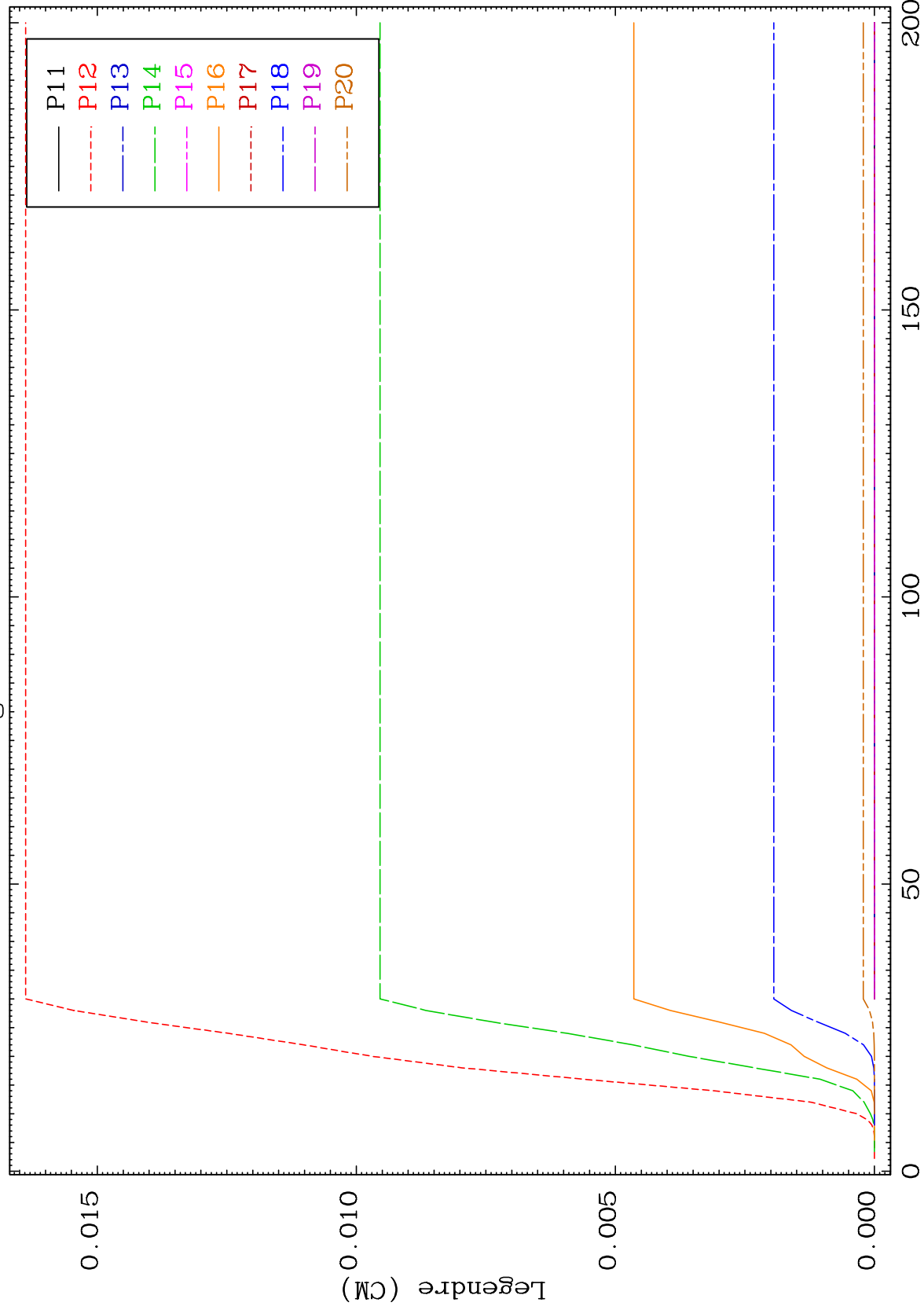




MAT 5667

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

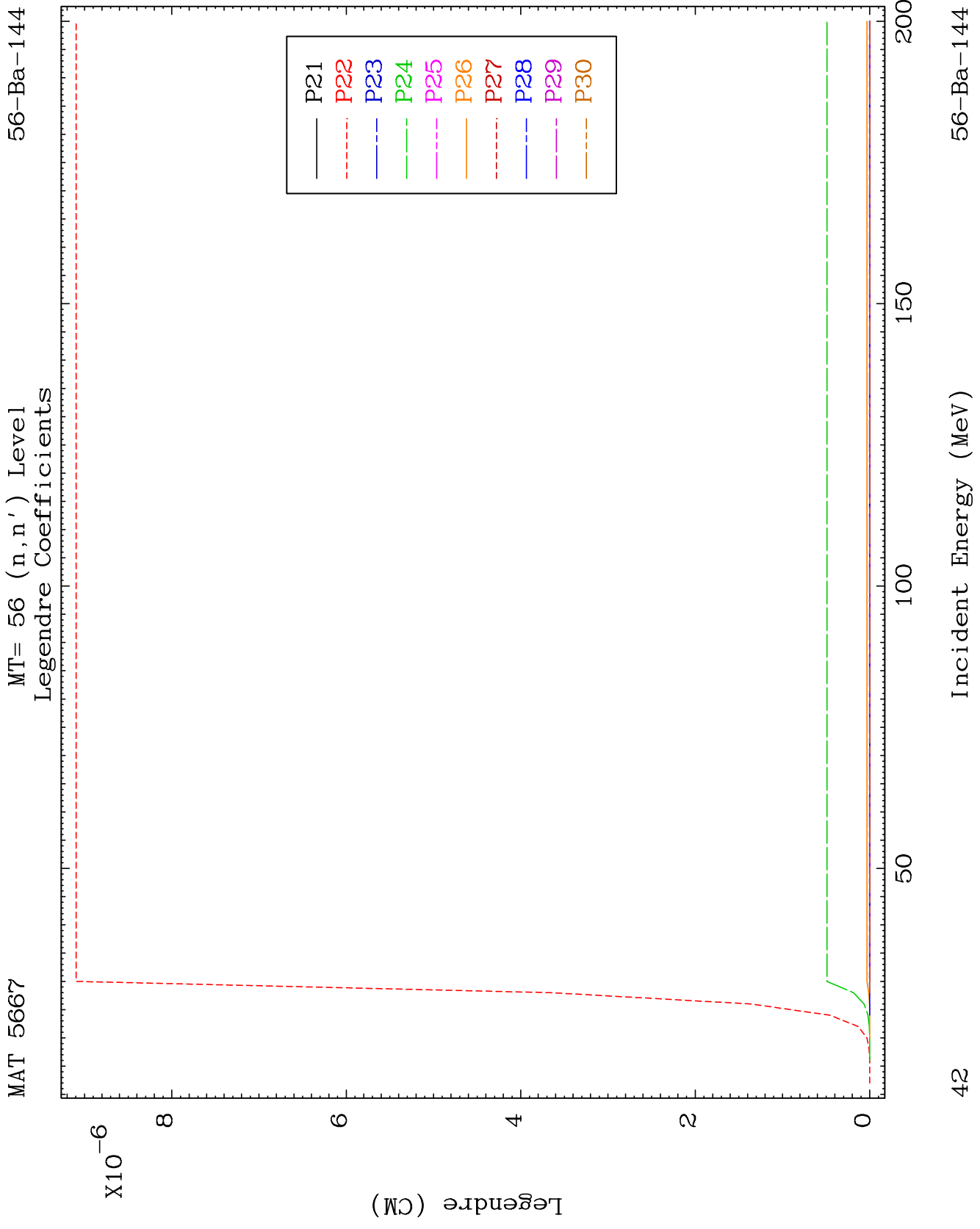
56-Ba-144



41

Incident Energy (MeV)

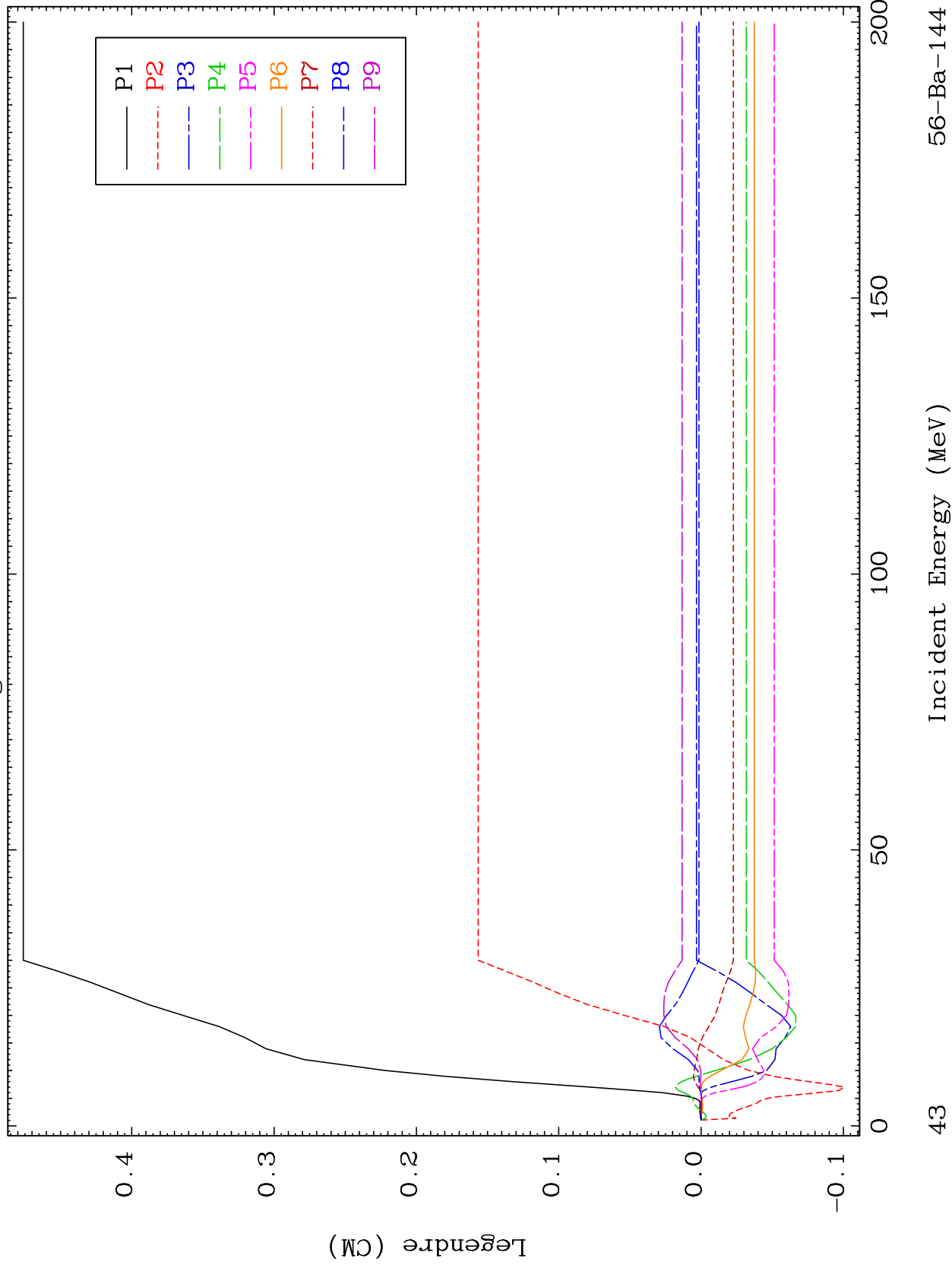
56-Ba-144



MAT 5667

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

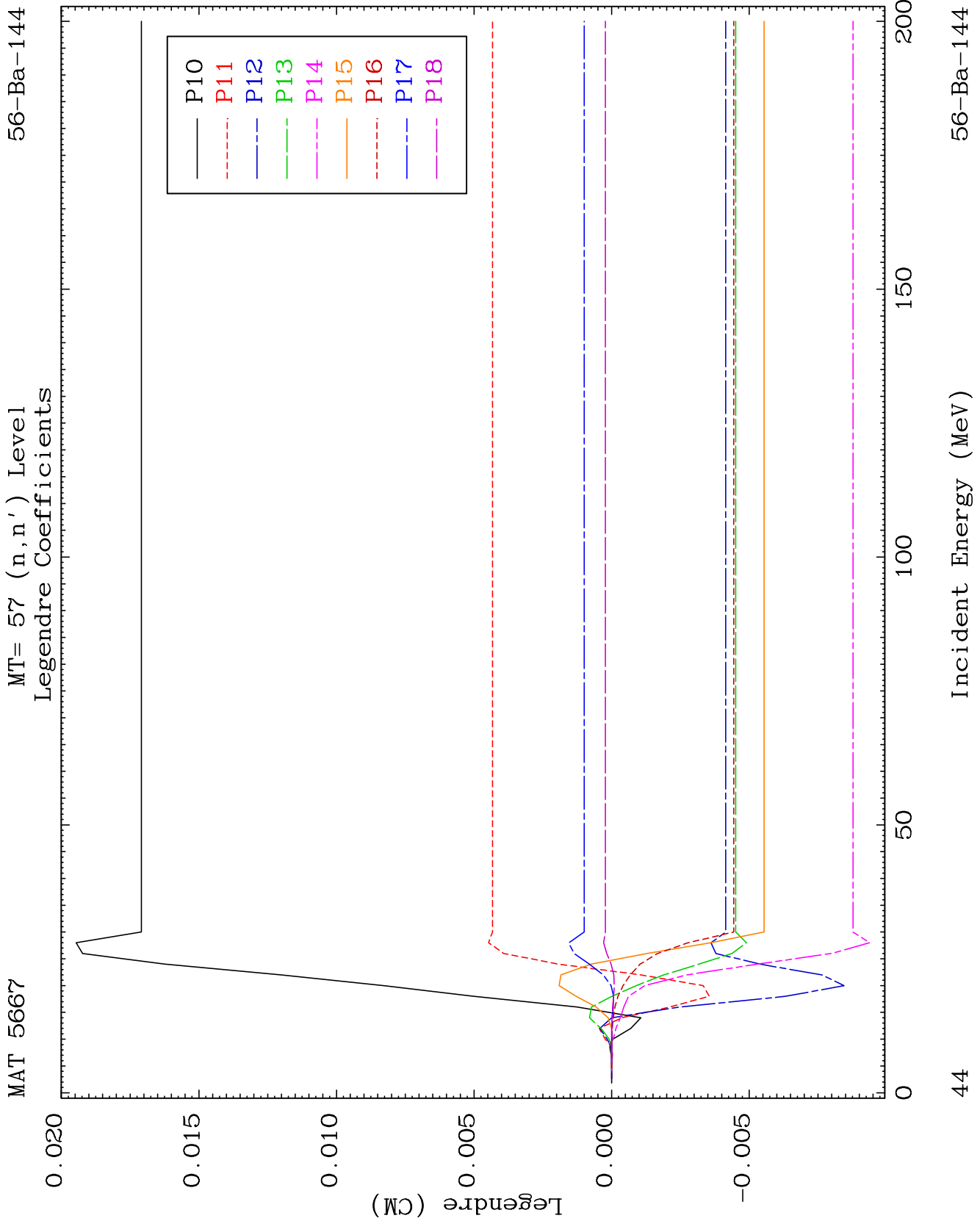
56-Ba-144



56-Ba-144

Incident Energy (MeV)

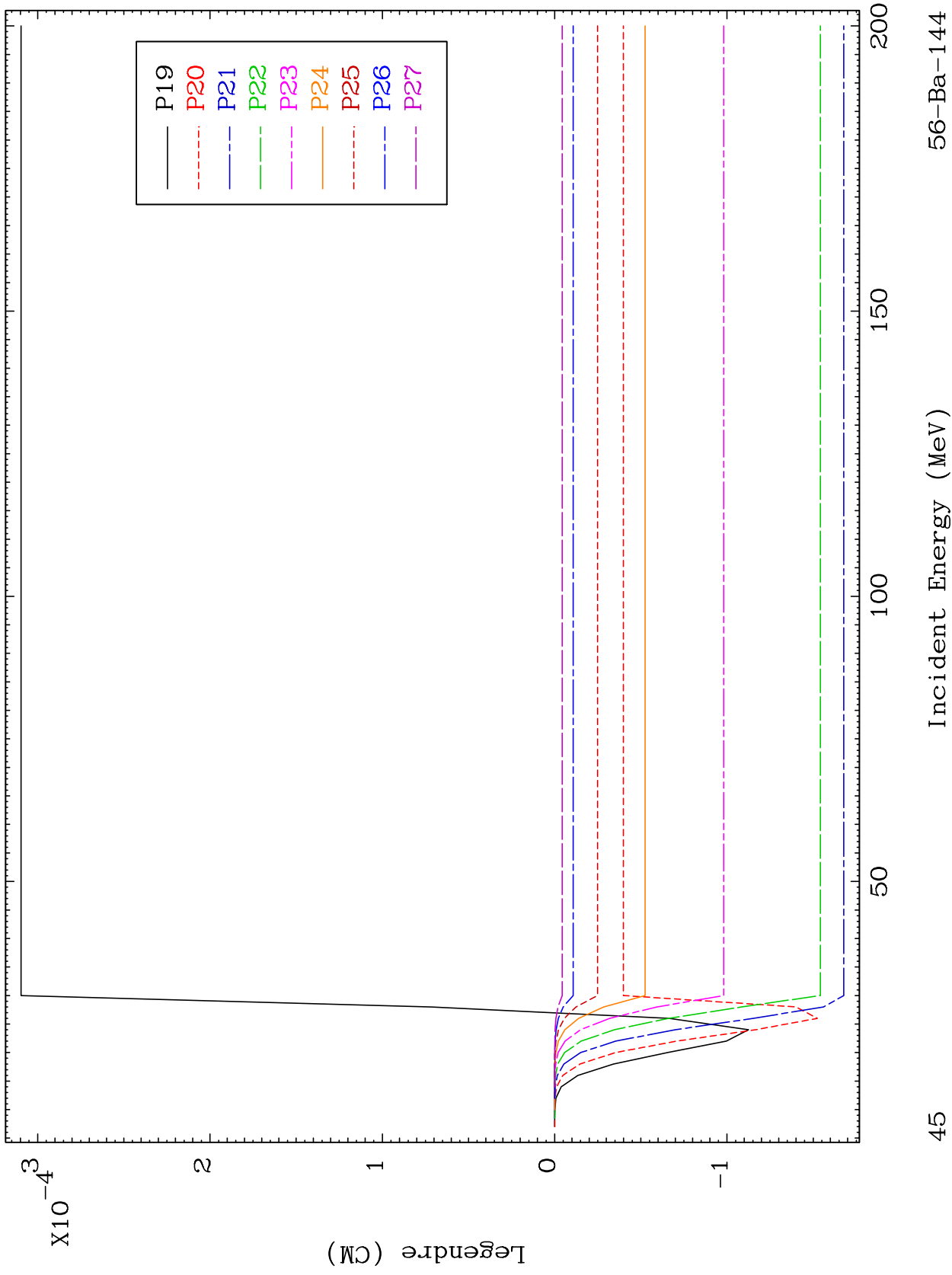
43



MAT 5667

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

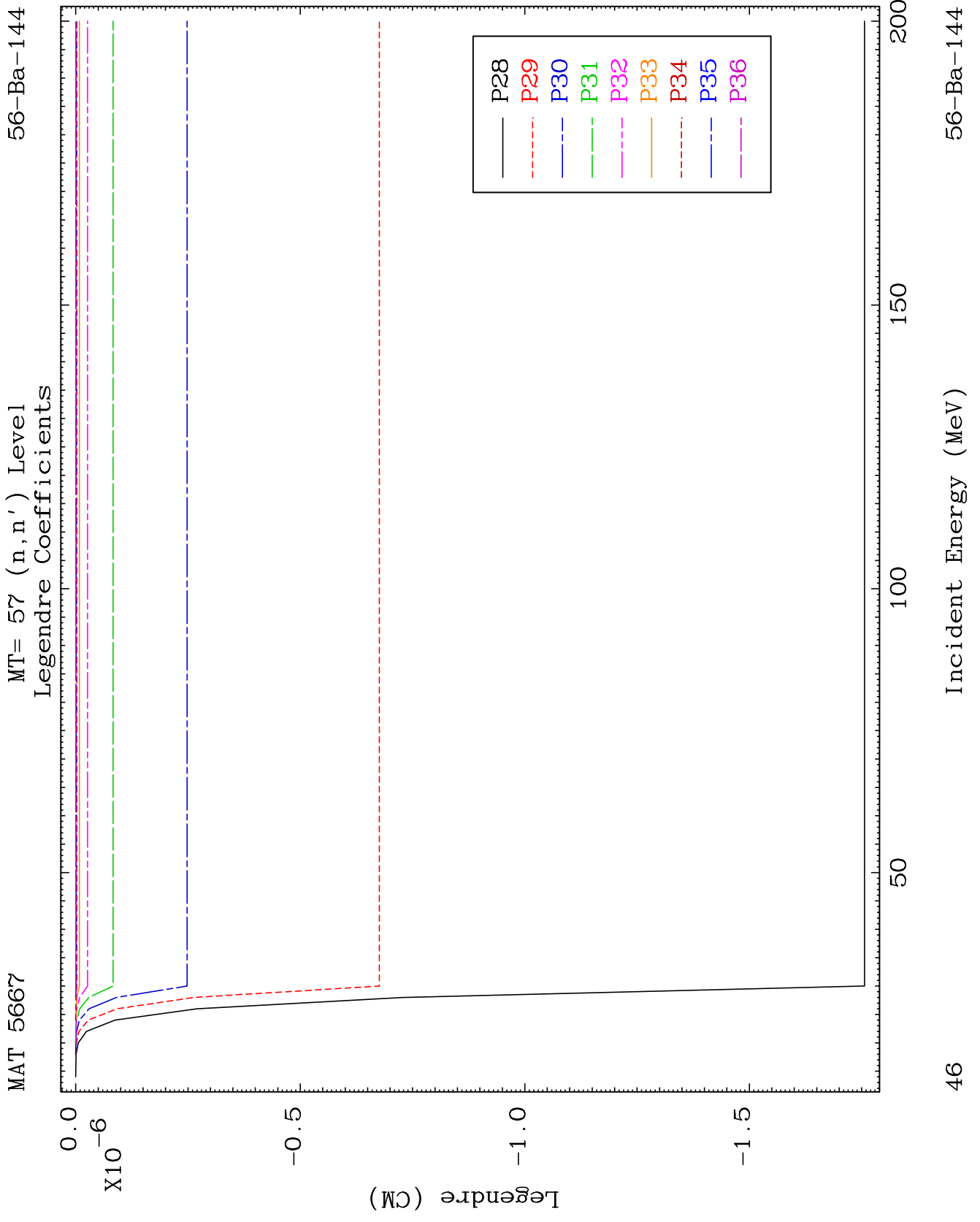
56-Ba-144

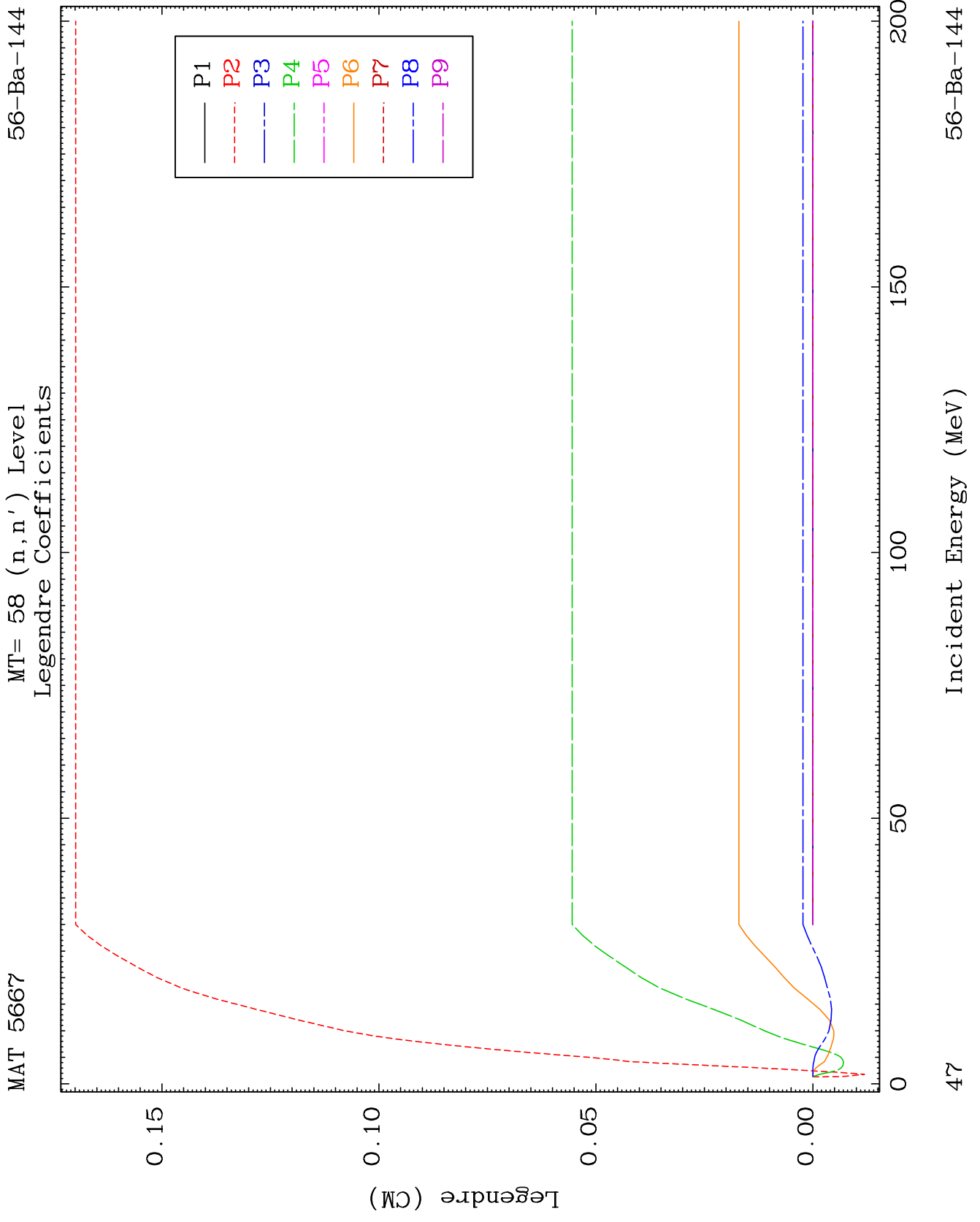


45

Incident Energy (MeV)

56-Ba-144





56-Ba-144

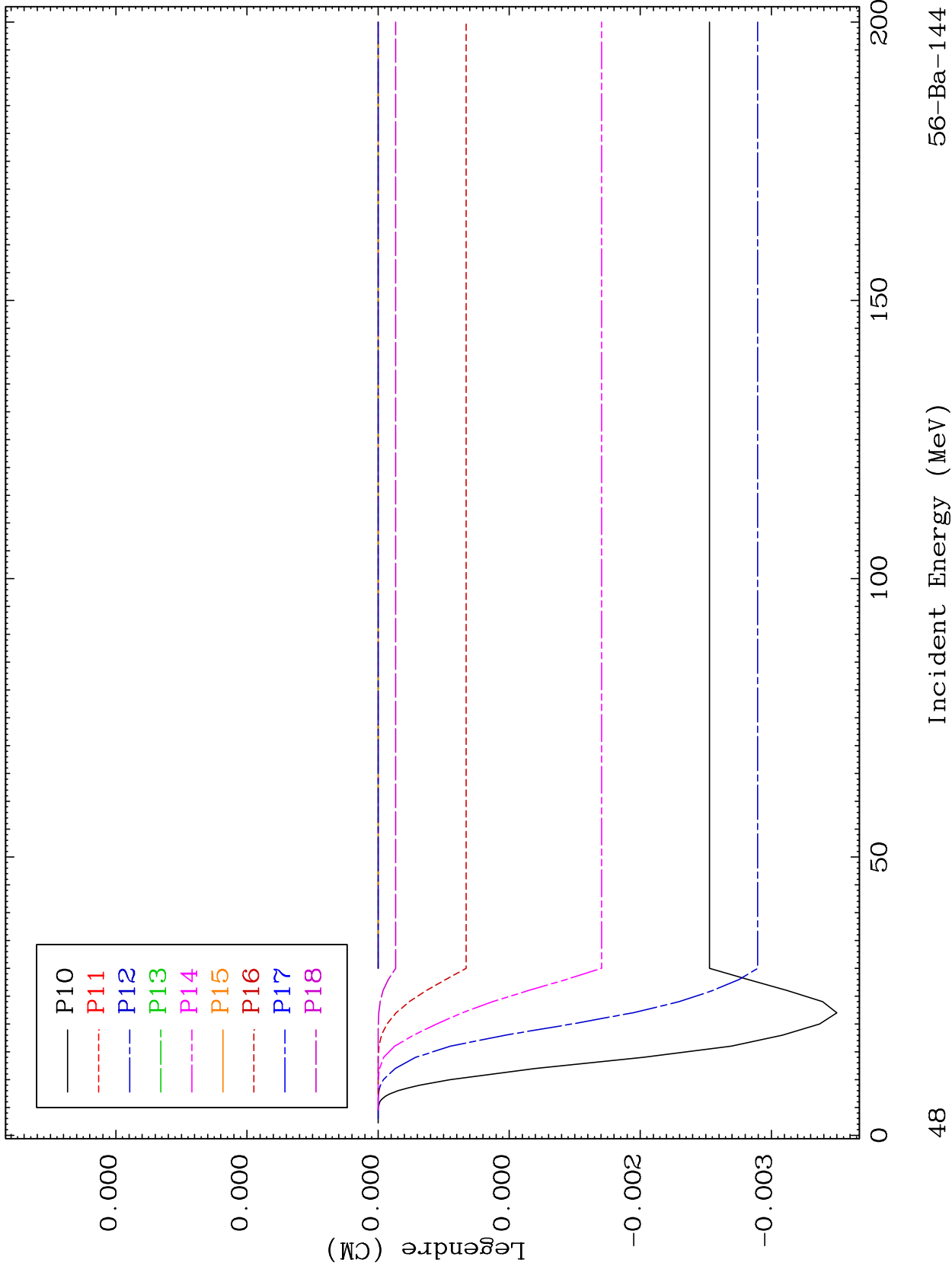
Incident Energy (MeV)

47

MAT 5667

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

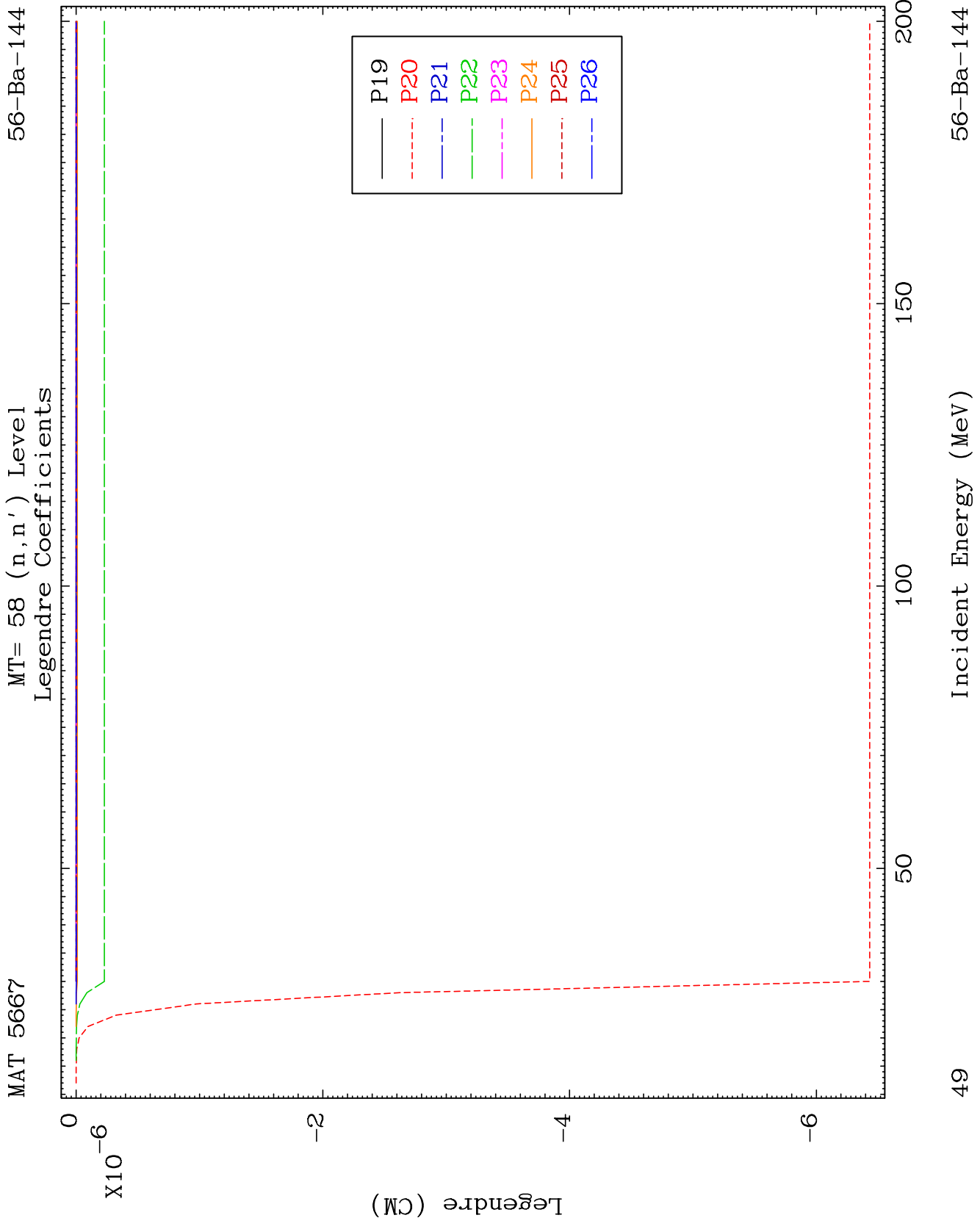
56-Ba-144



48

Incident Energy (MeV)

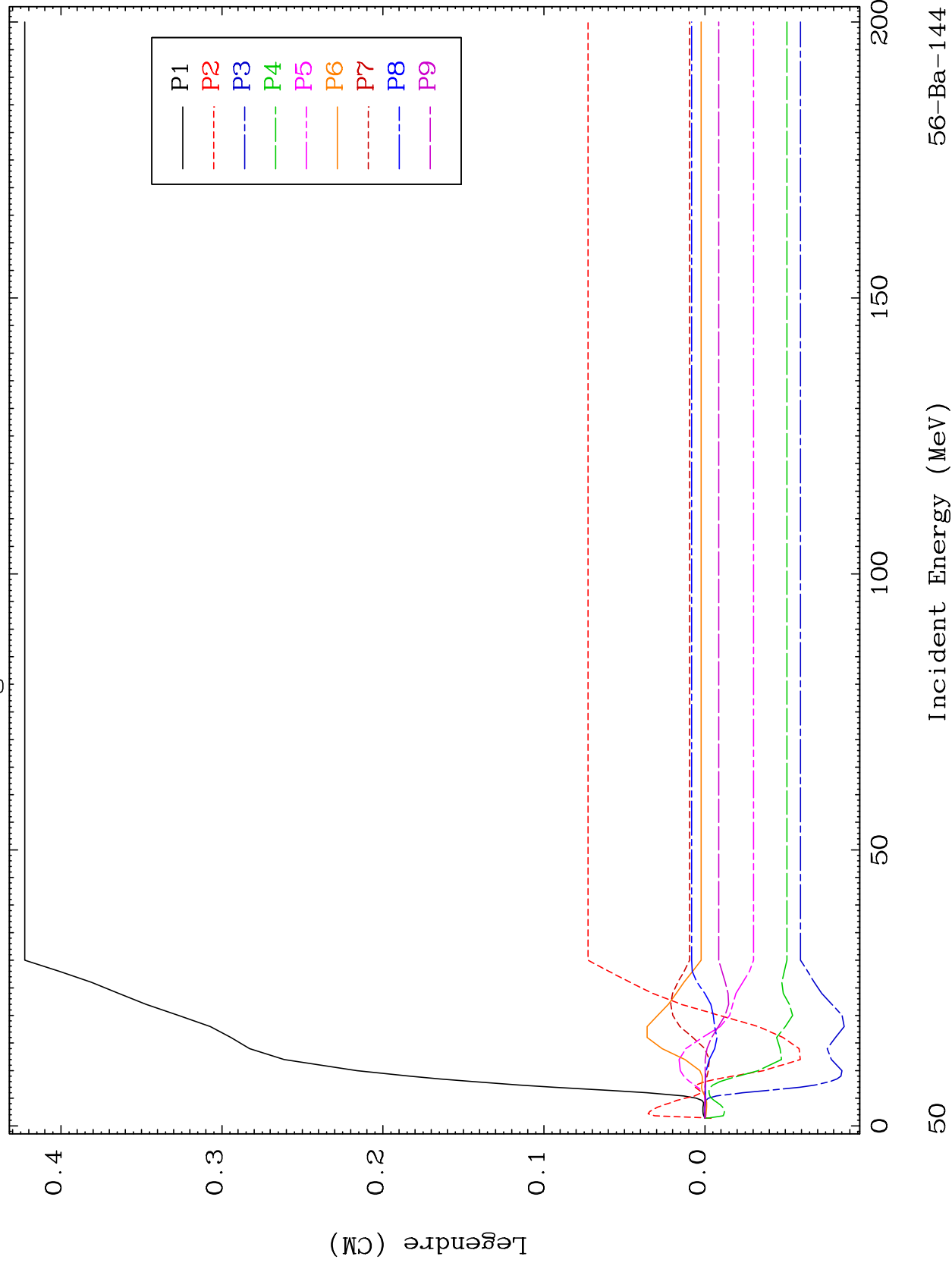
56-Ba-144



MAT 5667

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

56-Ba-144



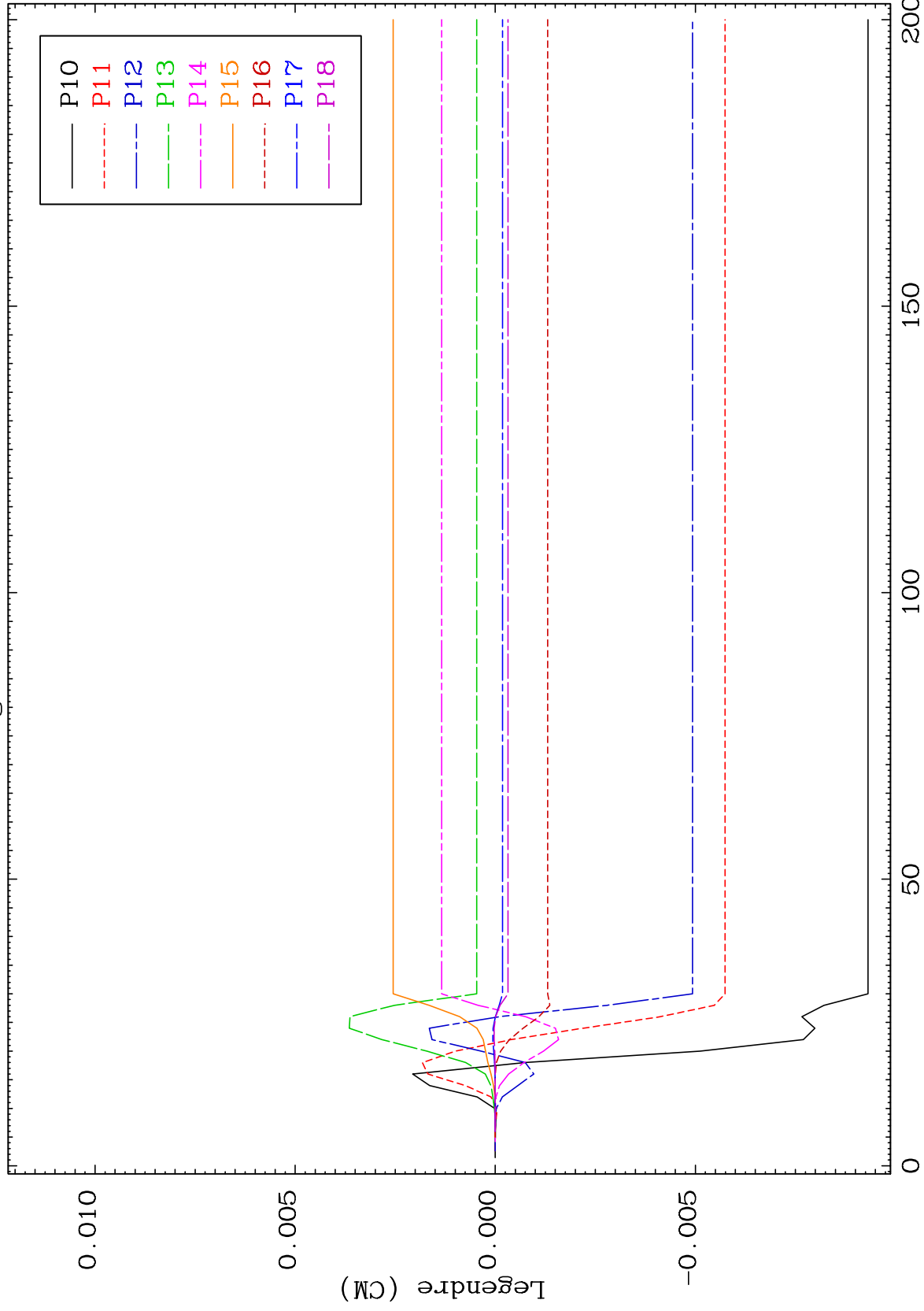
56-Ba-144

Incident Energy (MeV)

MAT 5667

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

56-Ba-144



51

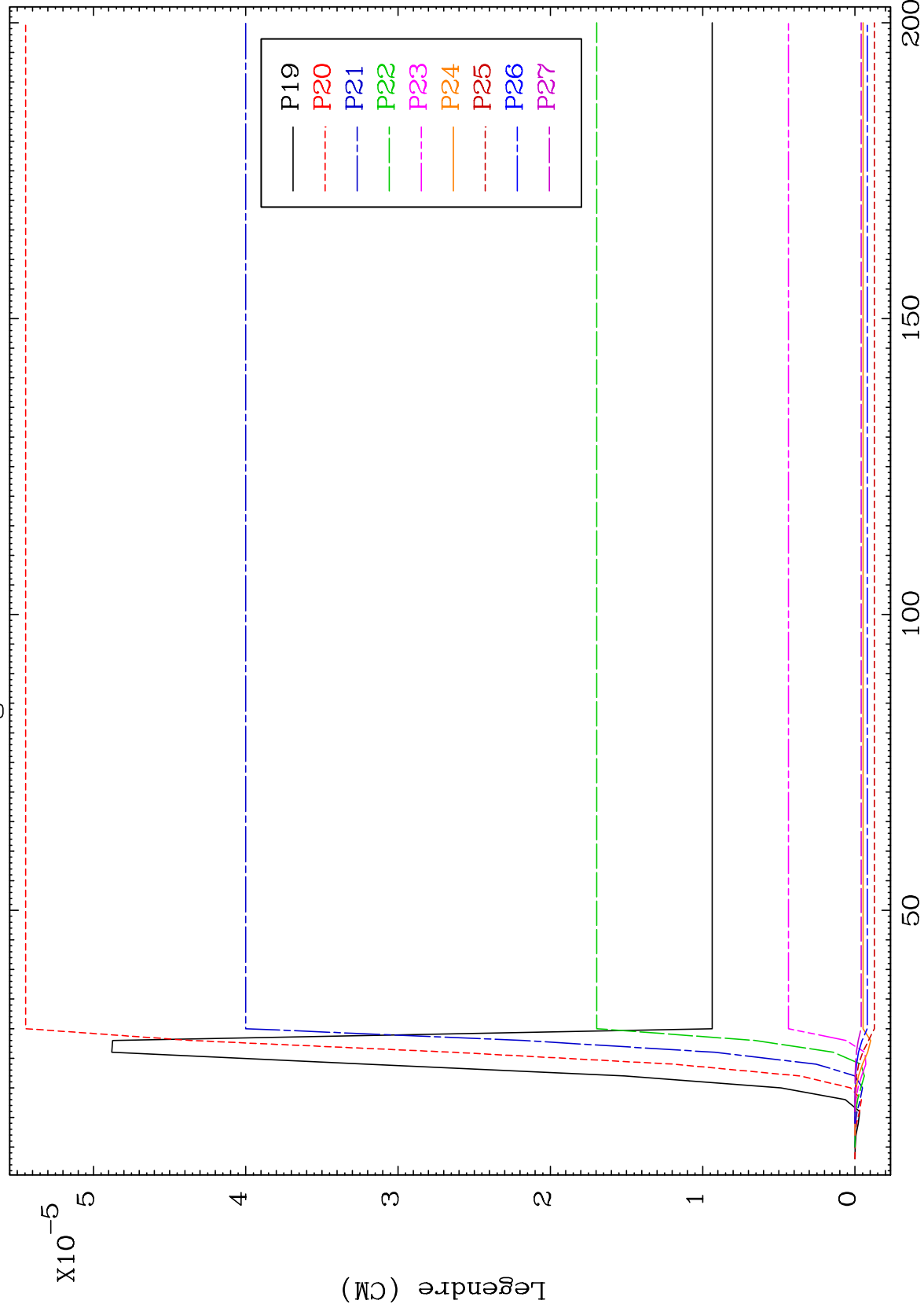
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

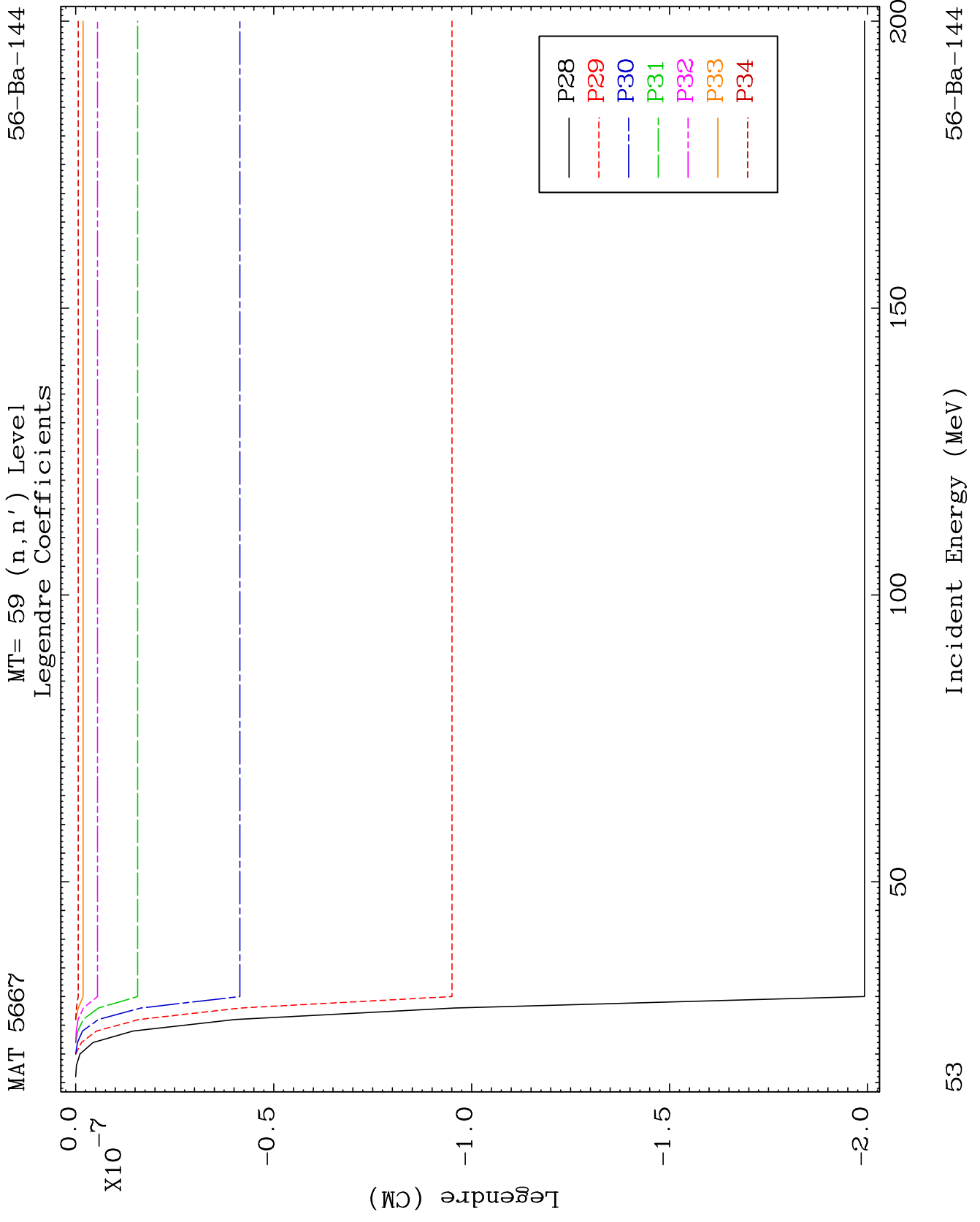
56-Ba-144



52

Incident Energy (MeV)

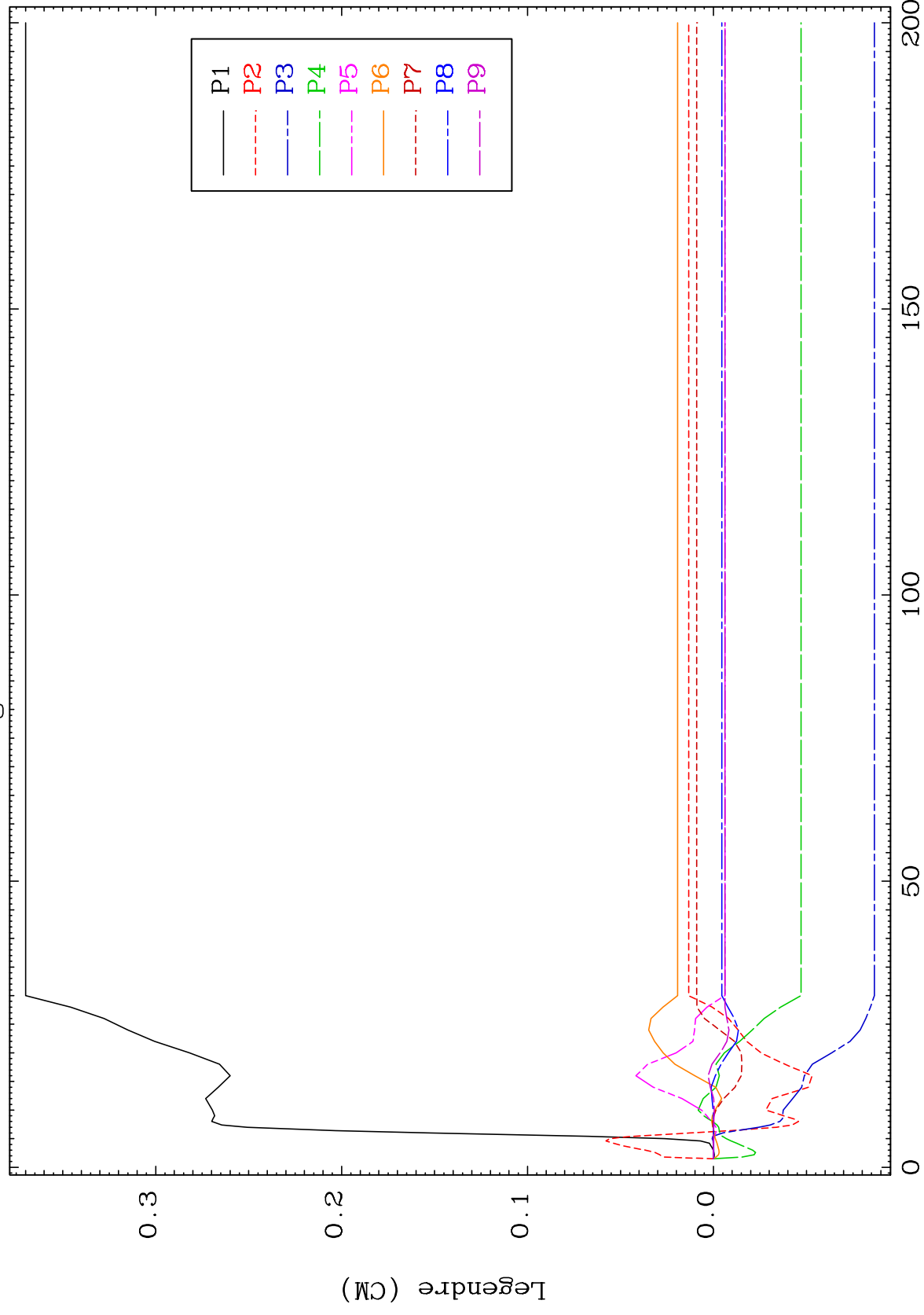
56-Ba-144



MAT 5667

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

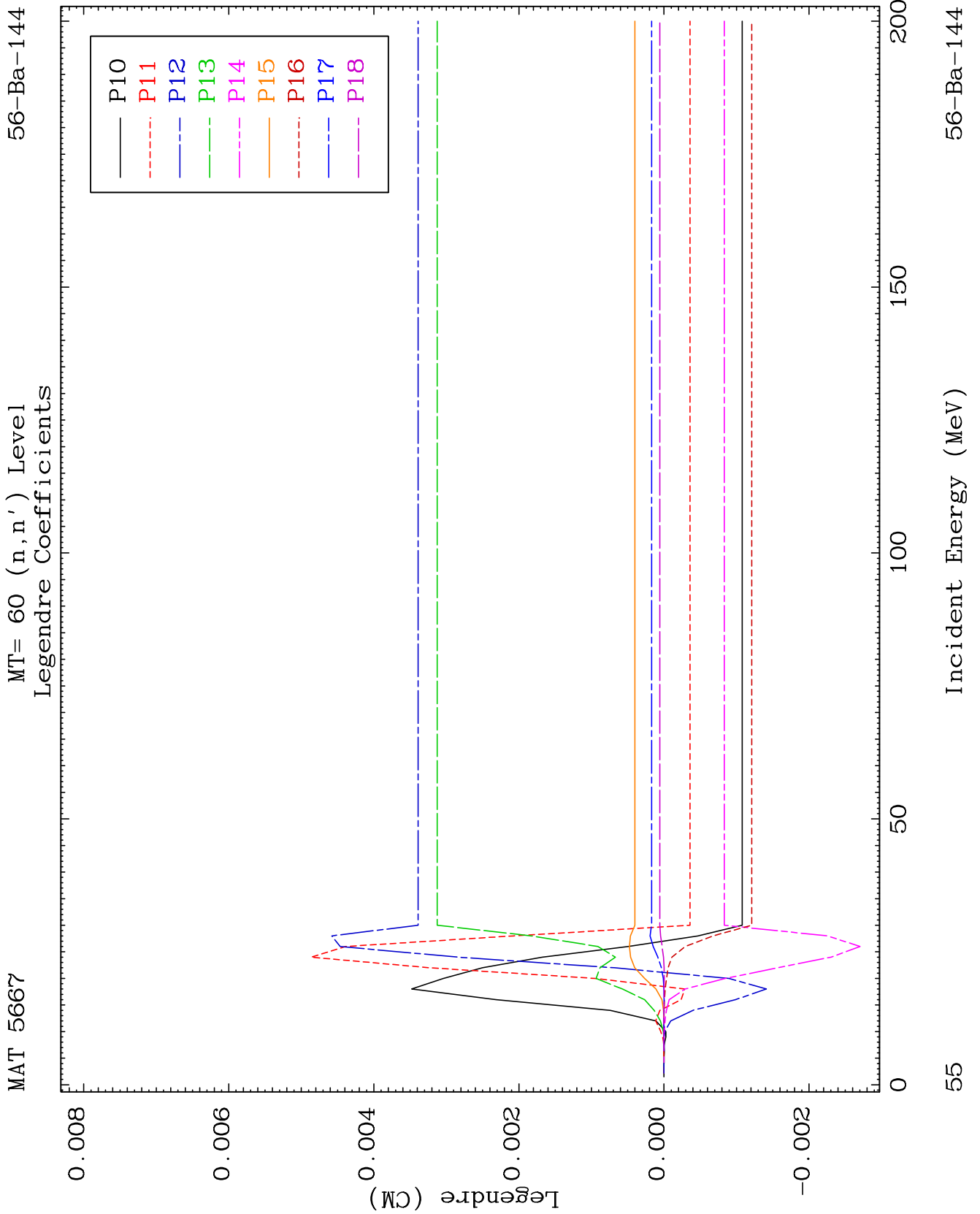
56-Ba-144



54

Incident Energy (MeV)

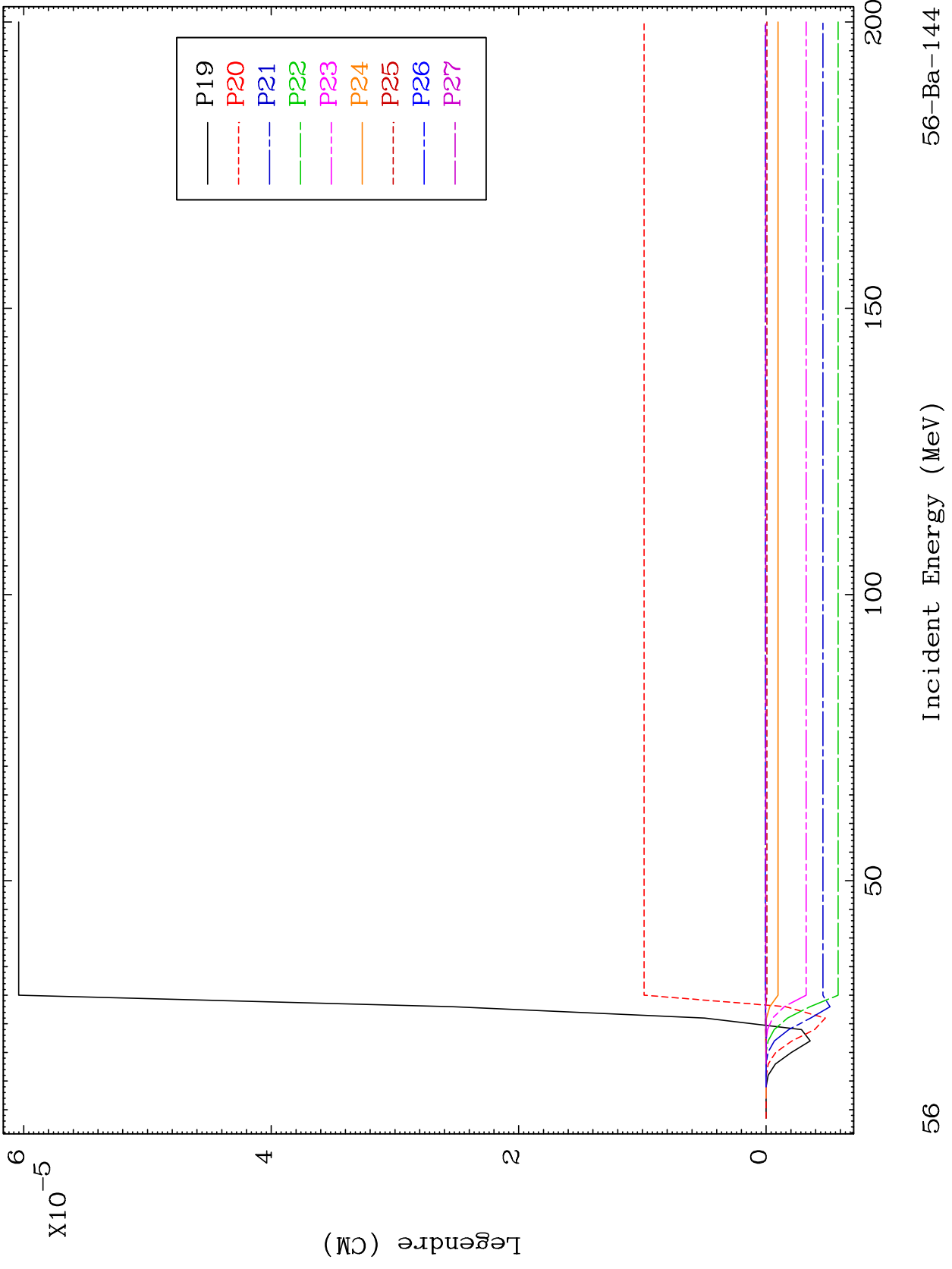
56-Ba-144



MAT 5667

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

56-Ba-144



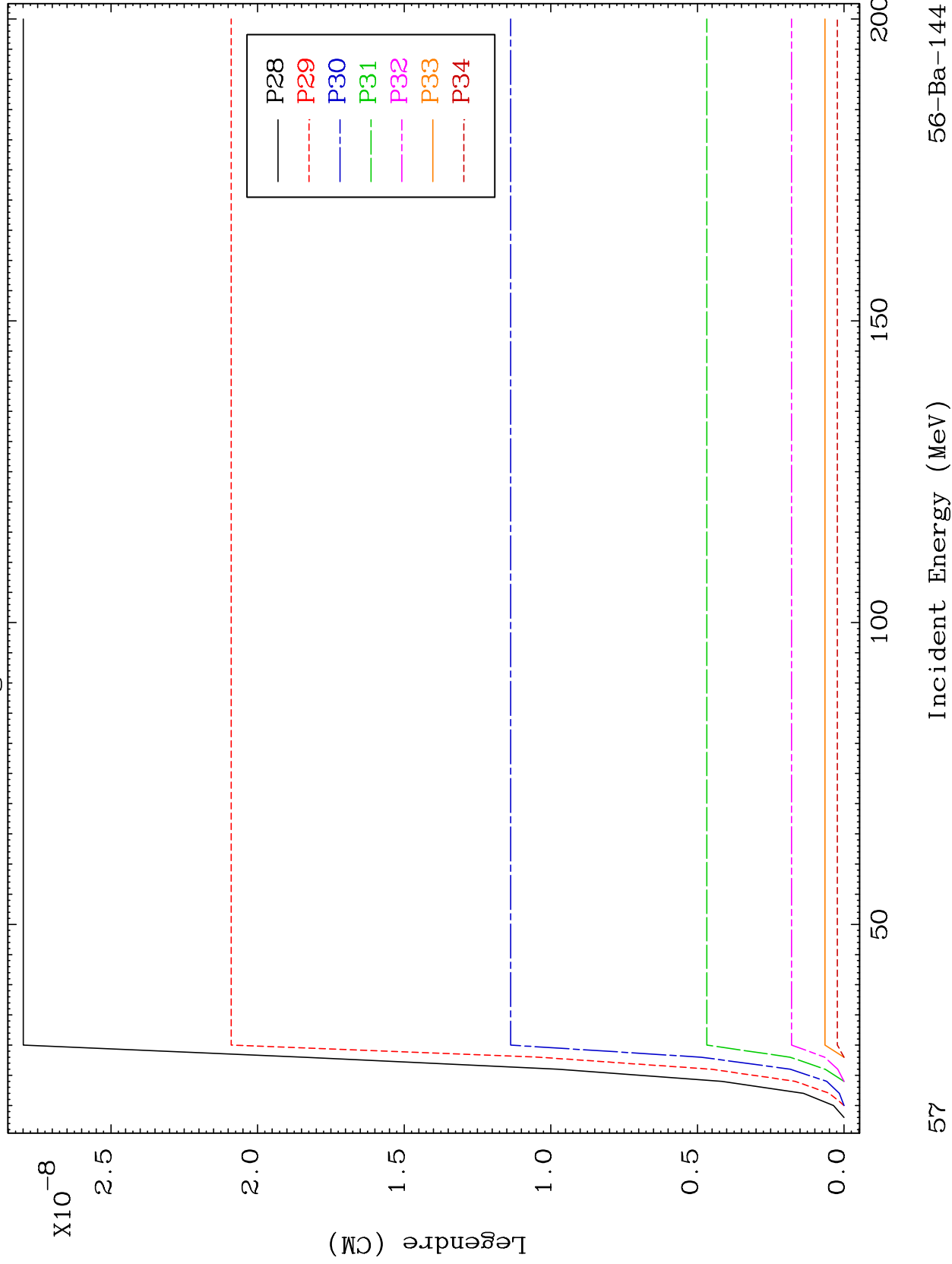
56

56-Ba-144

MAT 5667

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

56-Ba-144



57

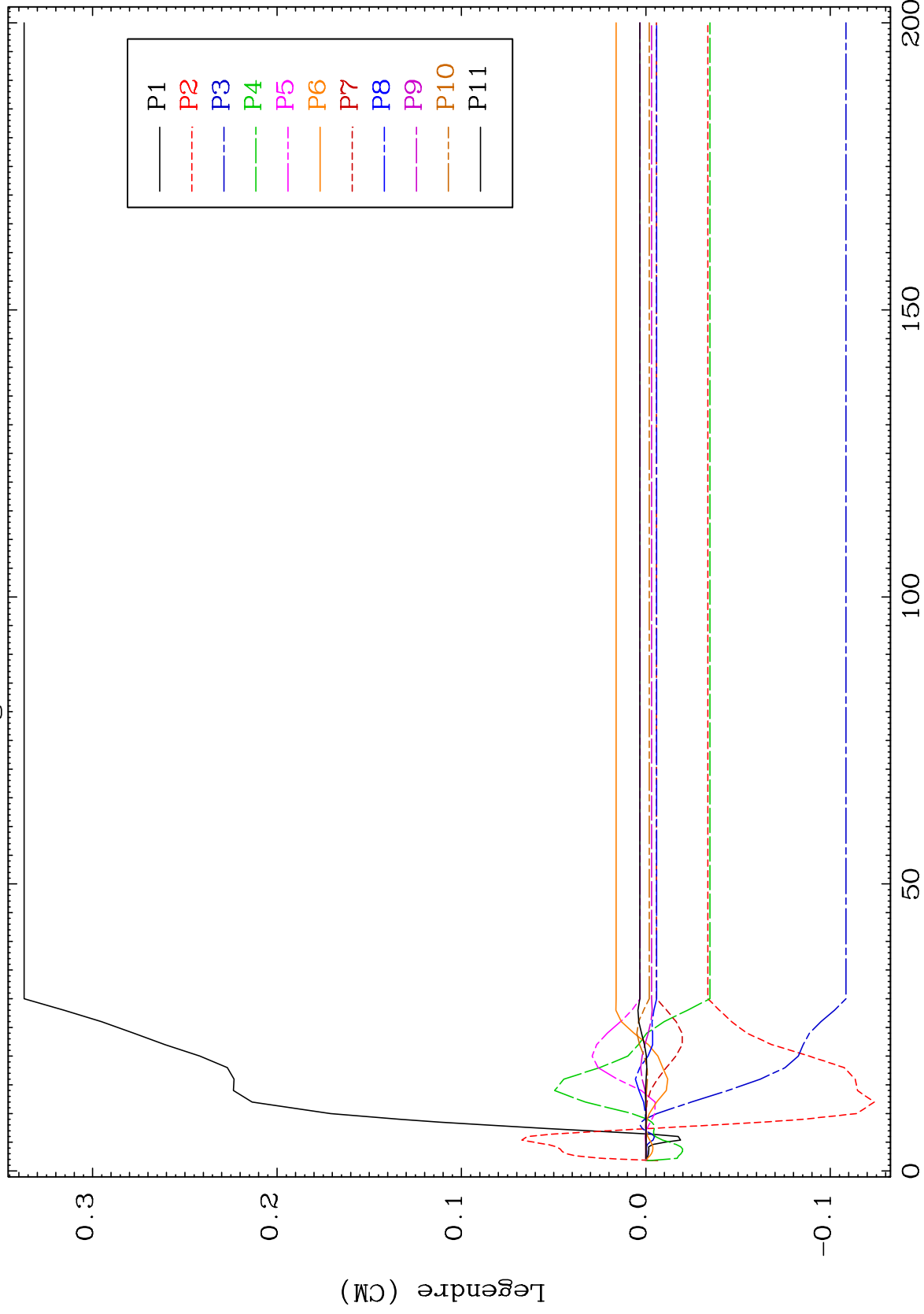
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



58

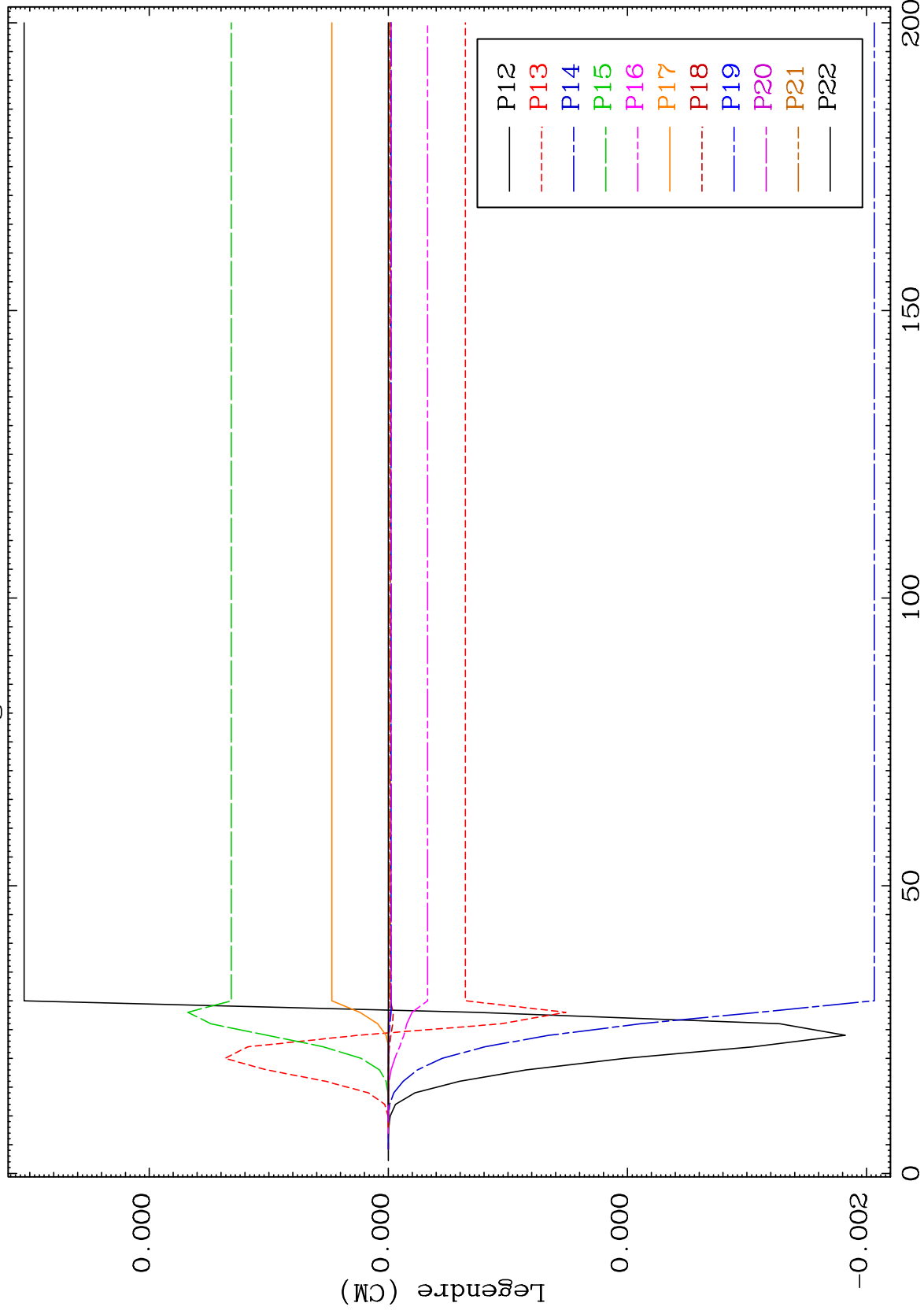
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



59

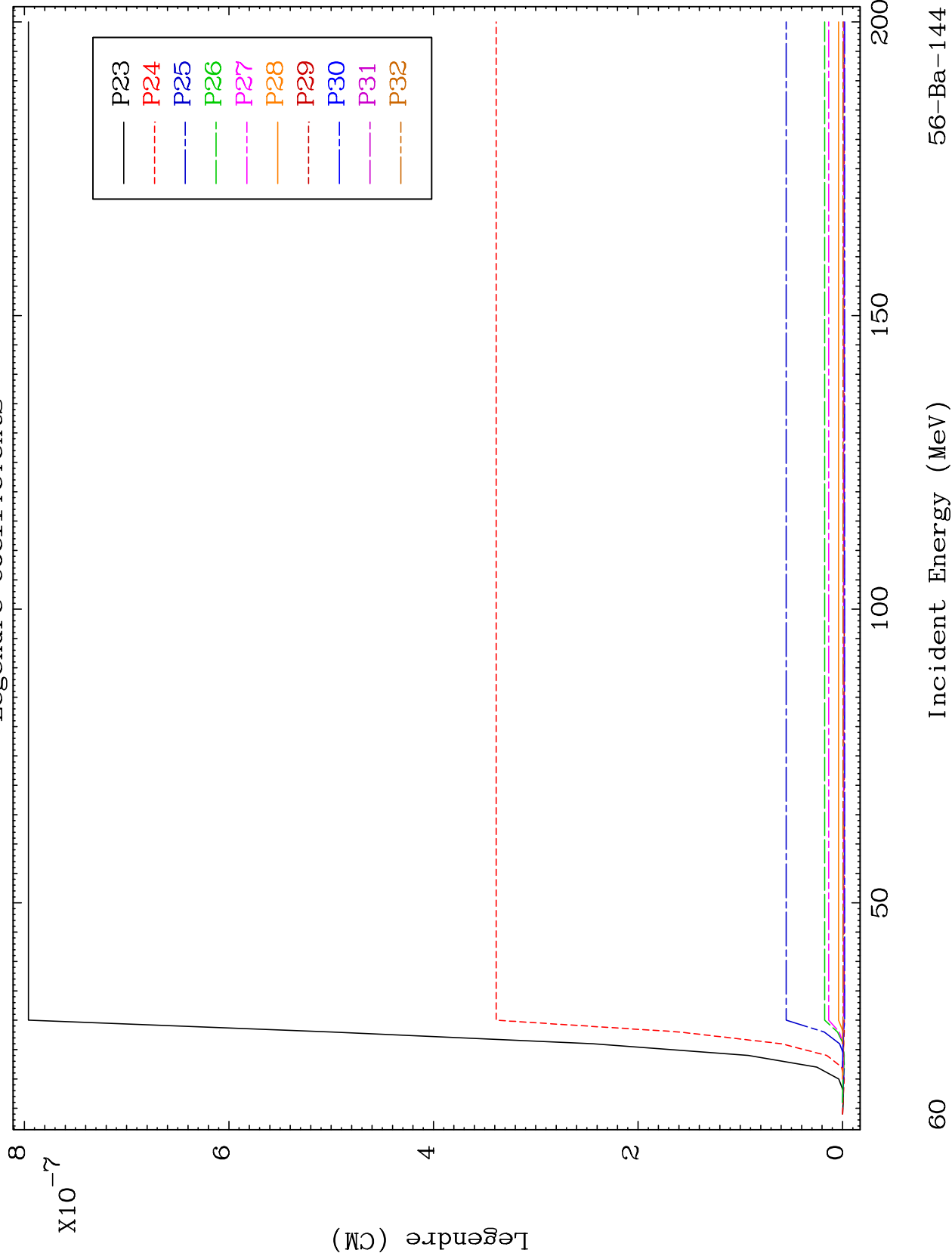
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

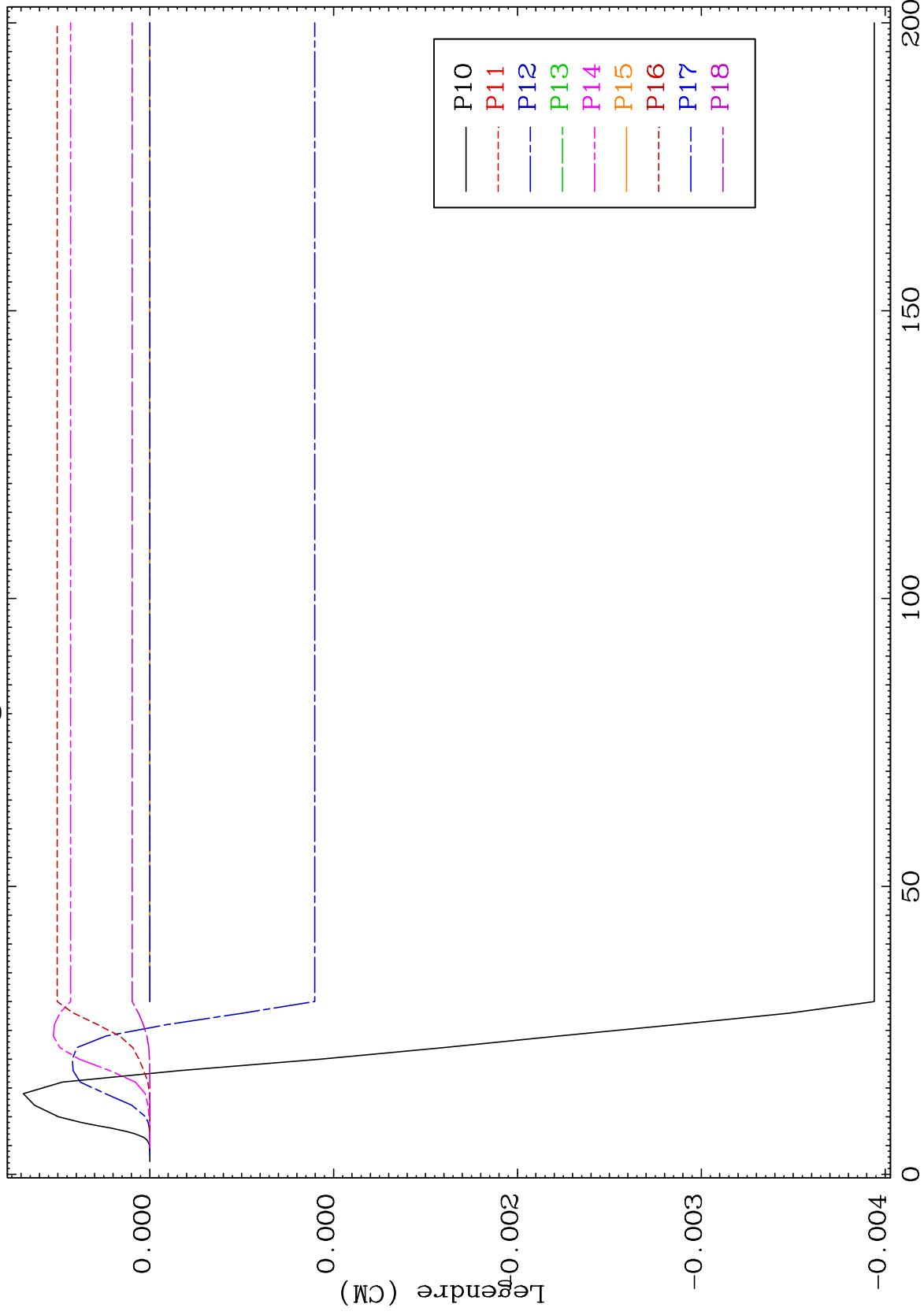
56-Ba-144



MAT 5667

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

56-Ba-144



62

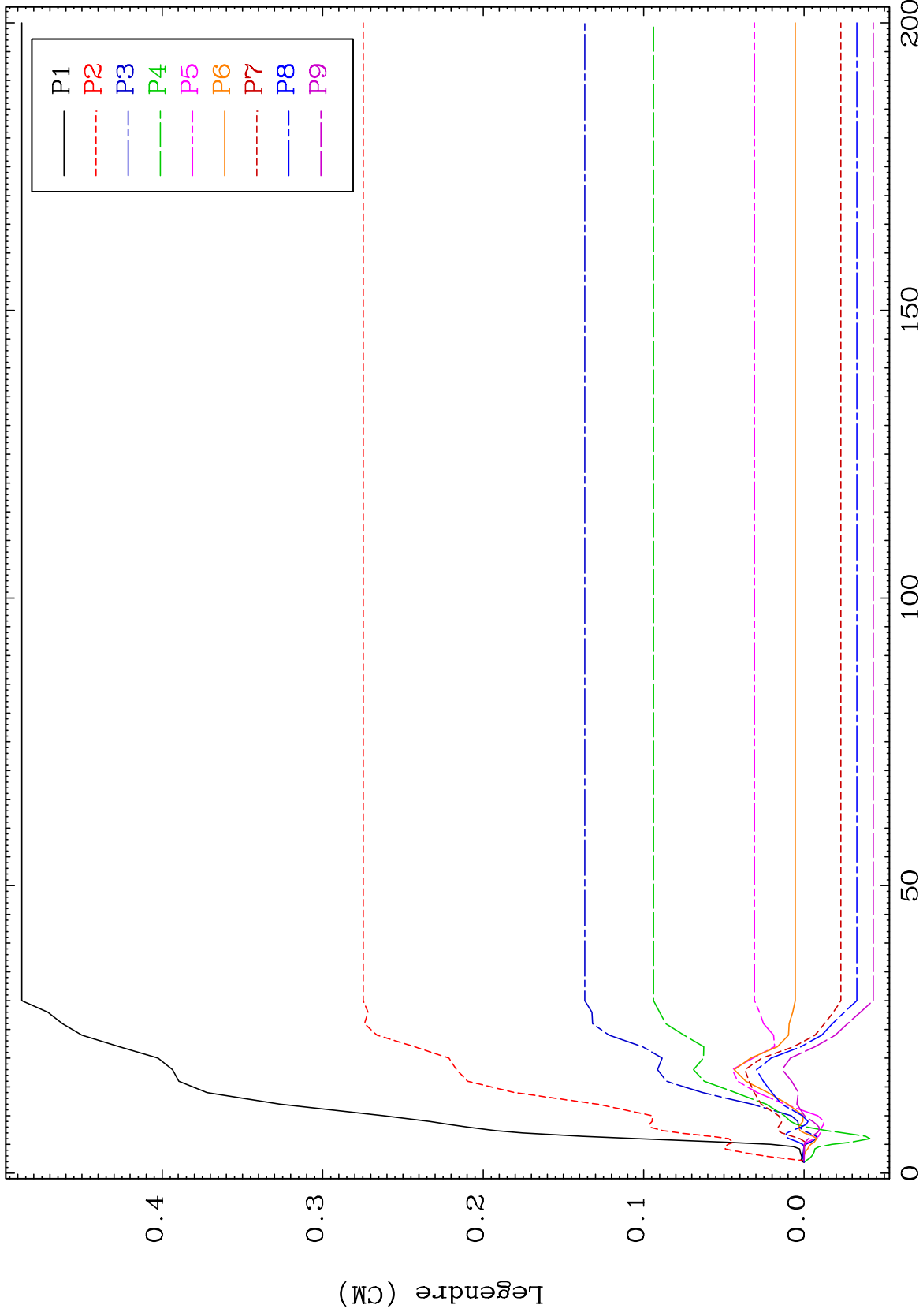
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



64

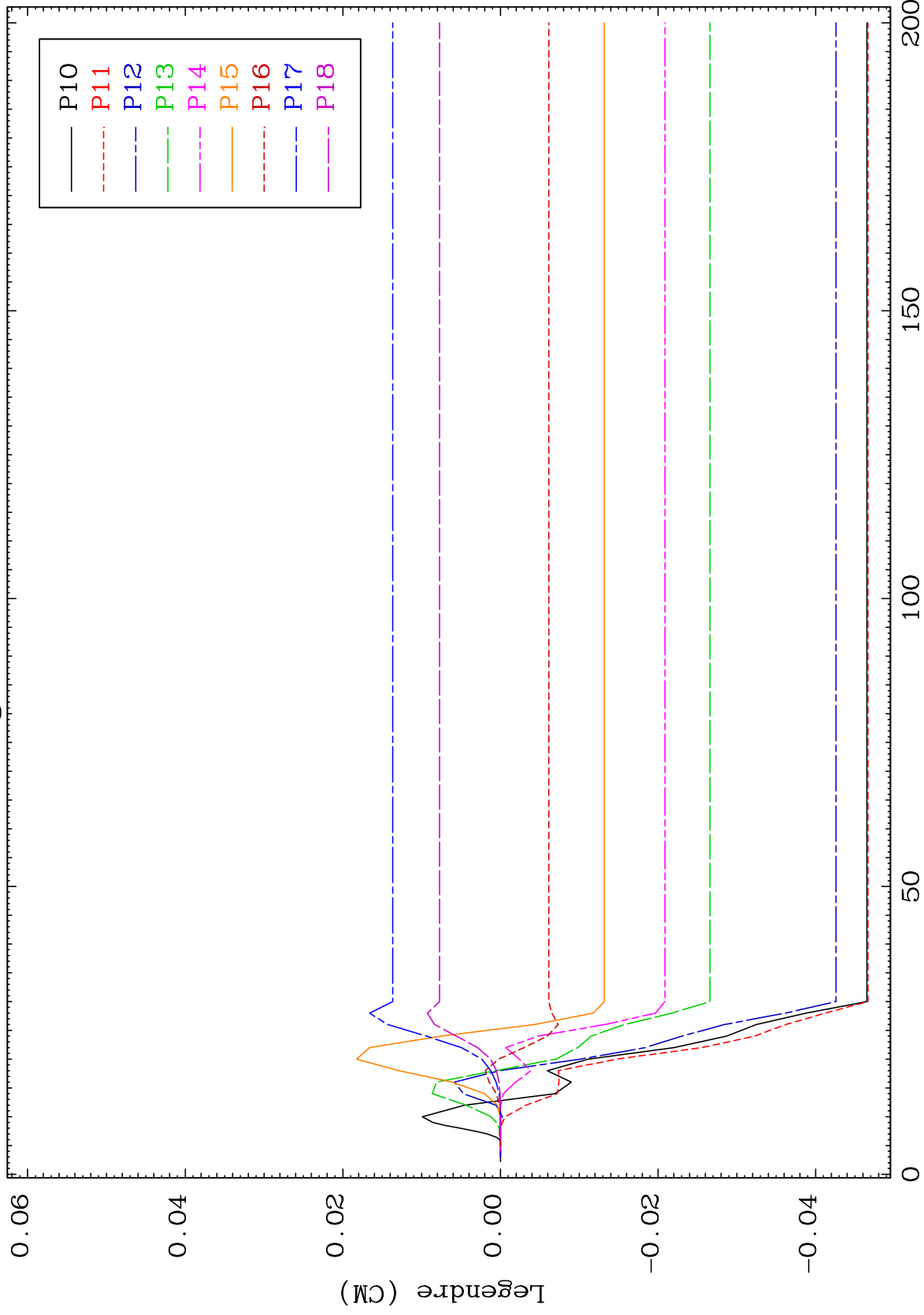
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



65

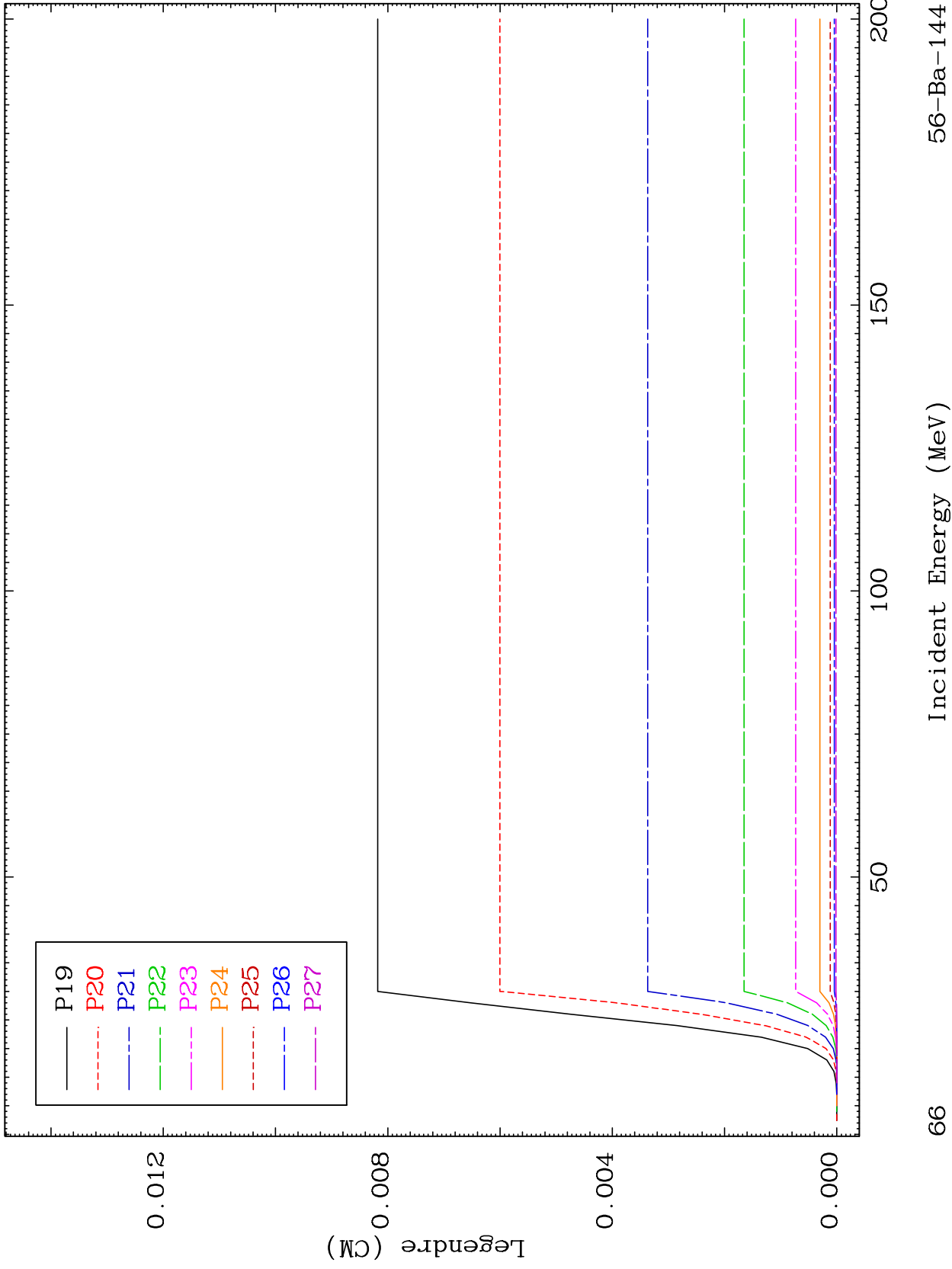
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



66

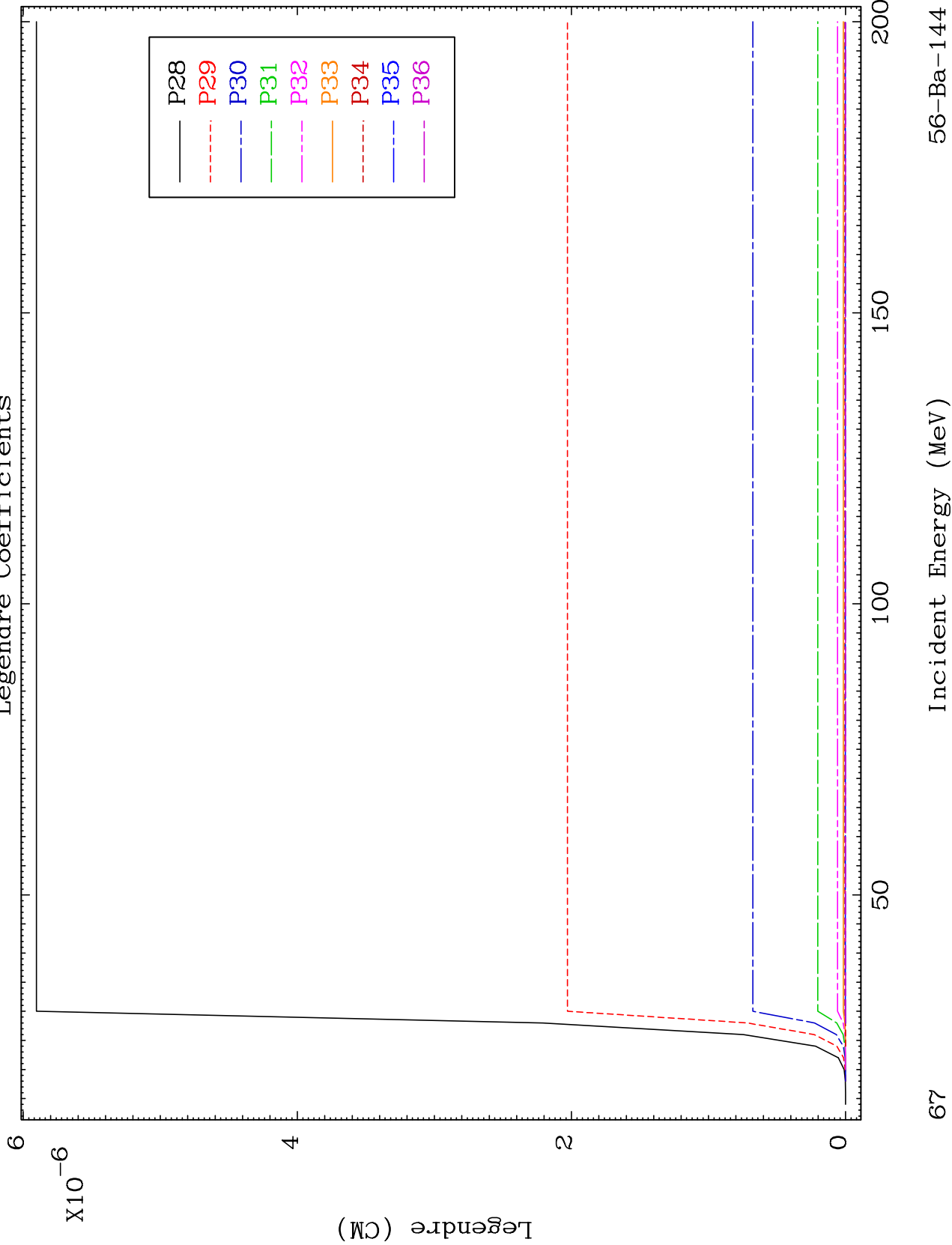
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

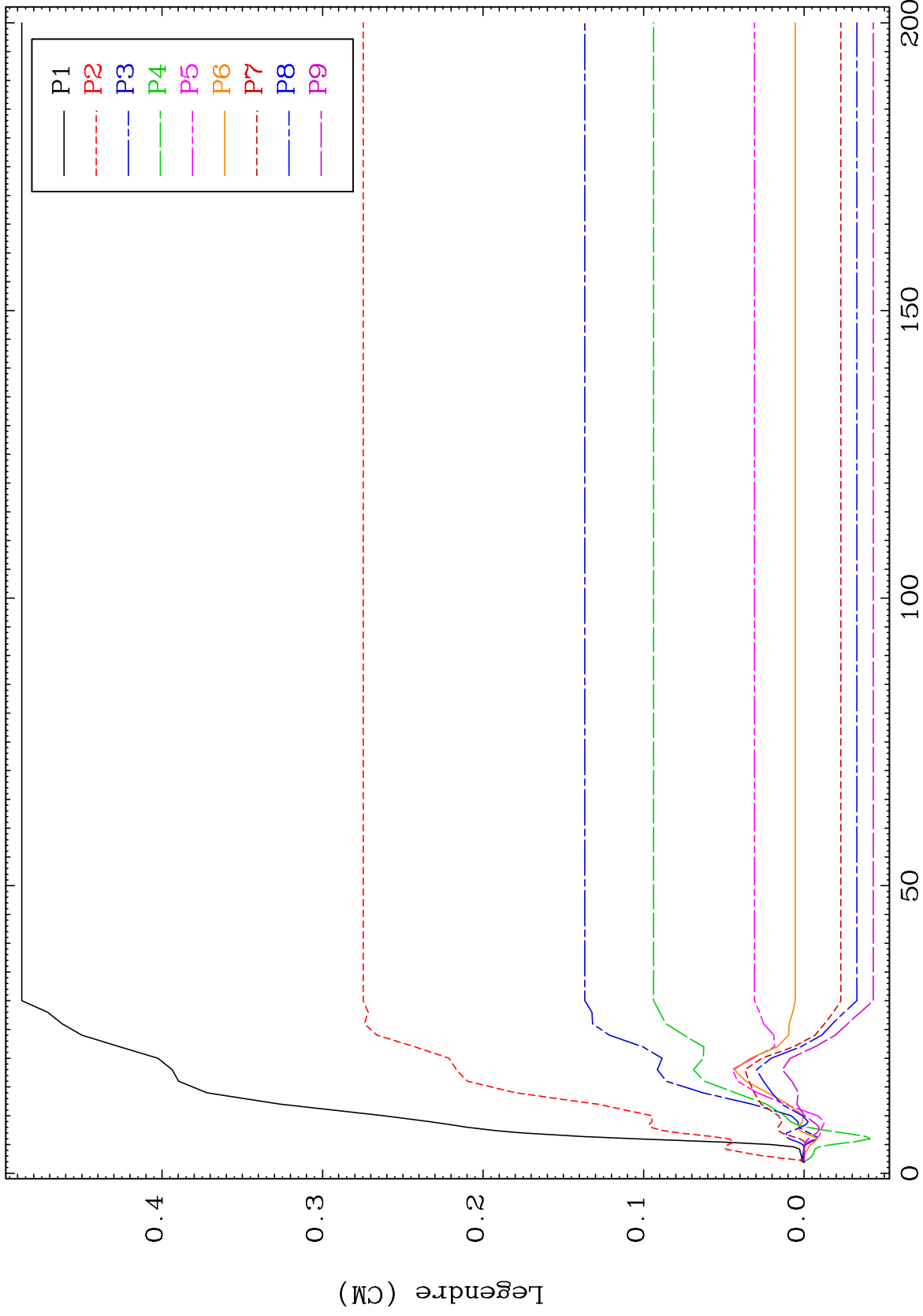
56-Ba-144



MAT 5667

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

56-Ba-144



56-Ba-144

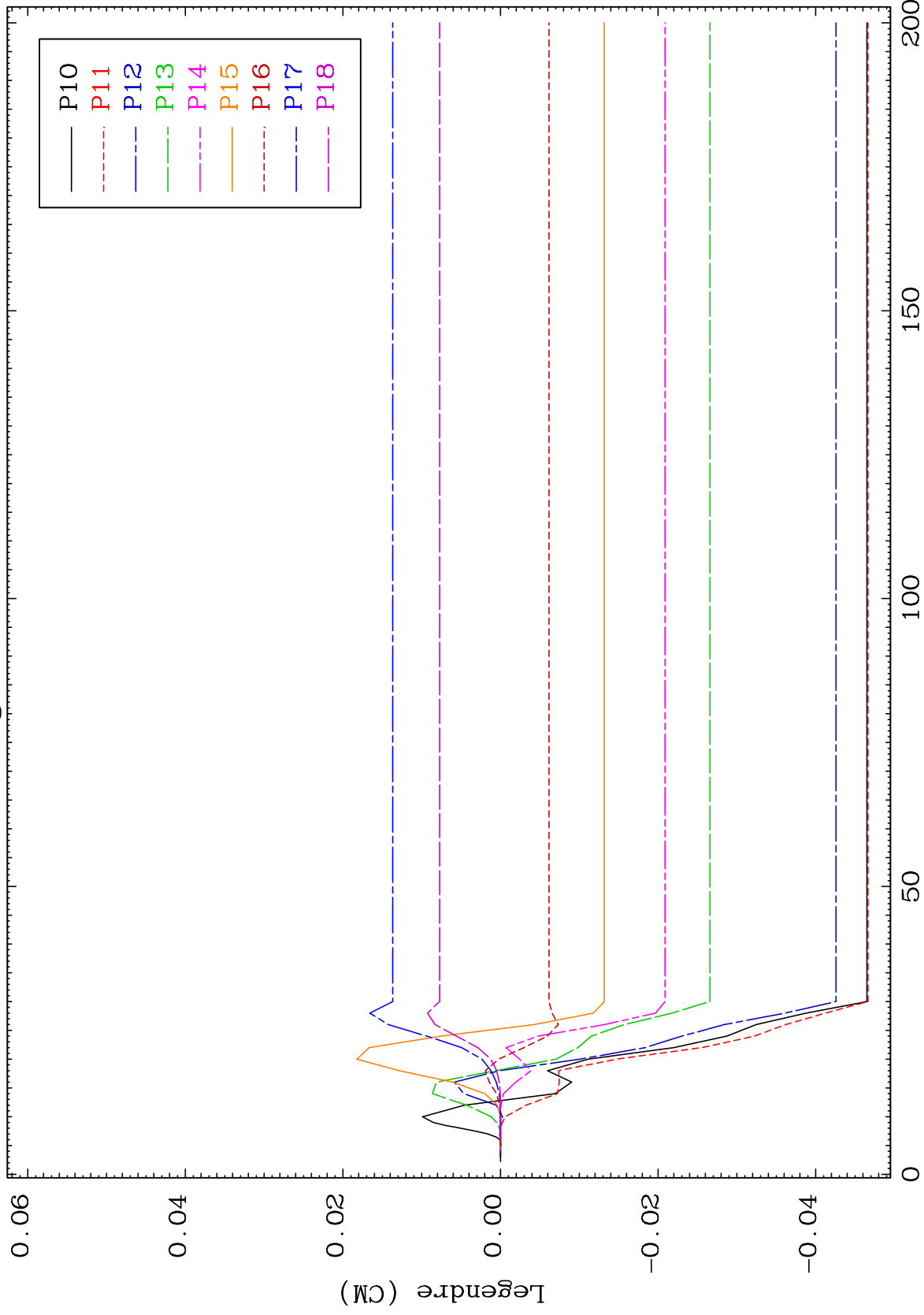
Incident Energy (MeV)

68

MAT 5667

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

56-Ba-144



69

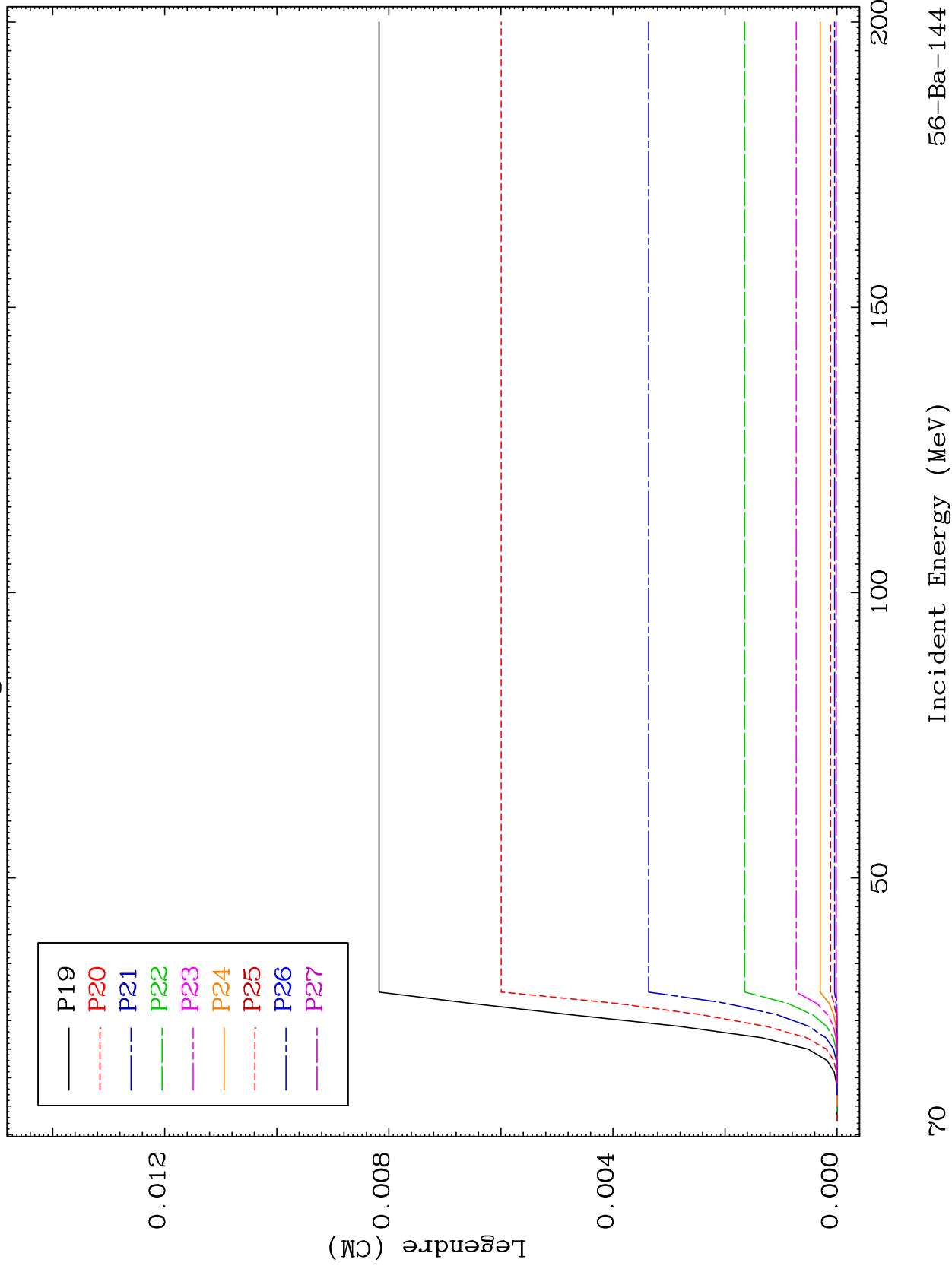
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



70

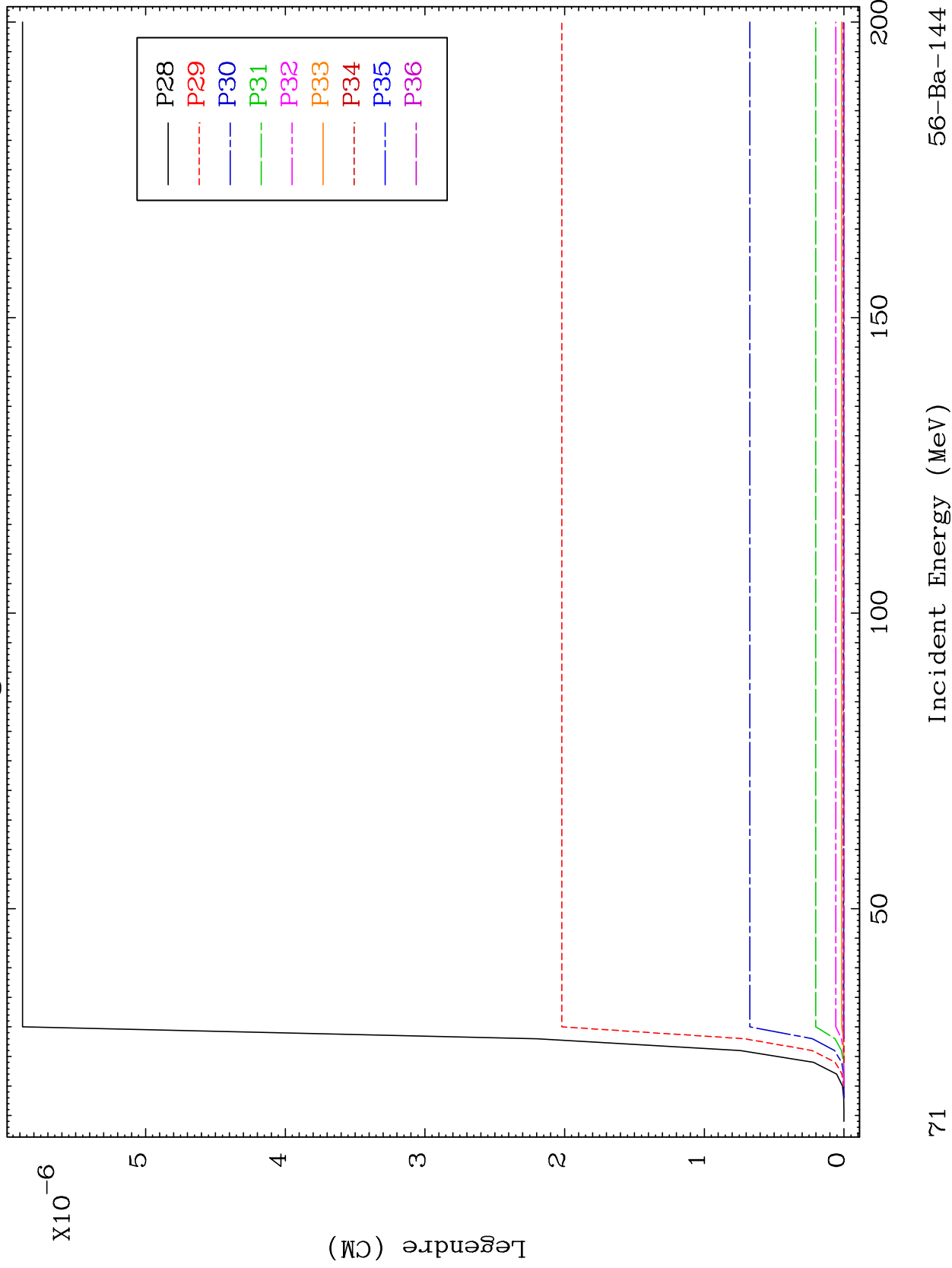
Incident Energy (MeV)

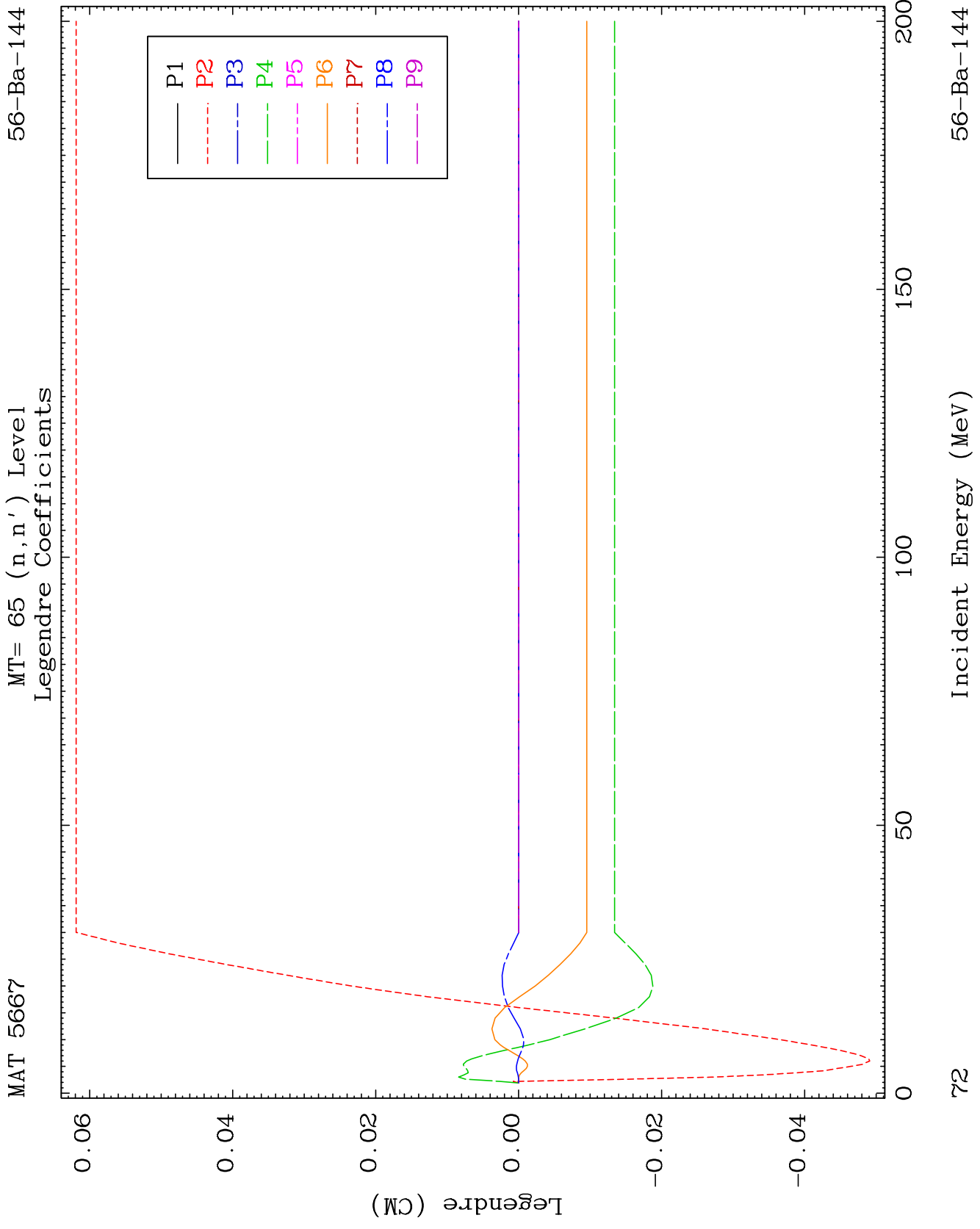
56-Ba-144

MAT 5667

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

56-Ba-144

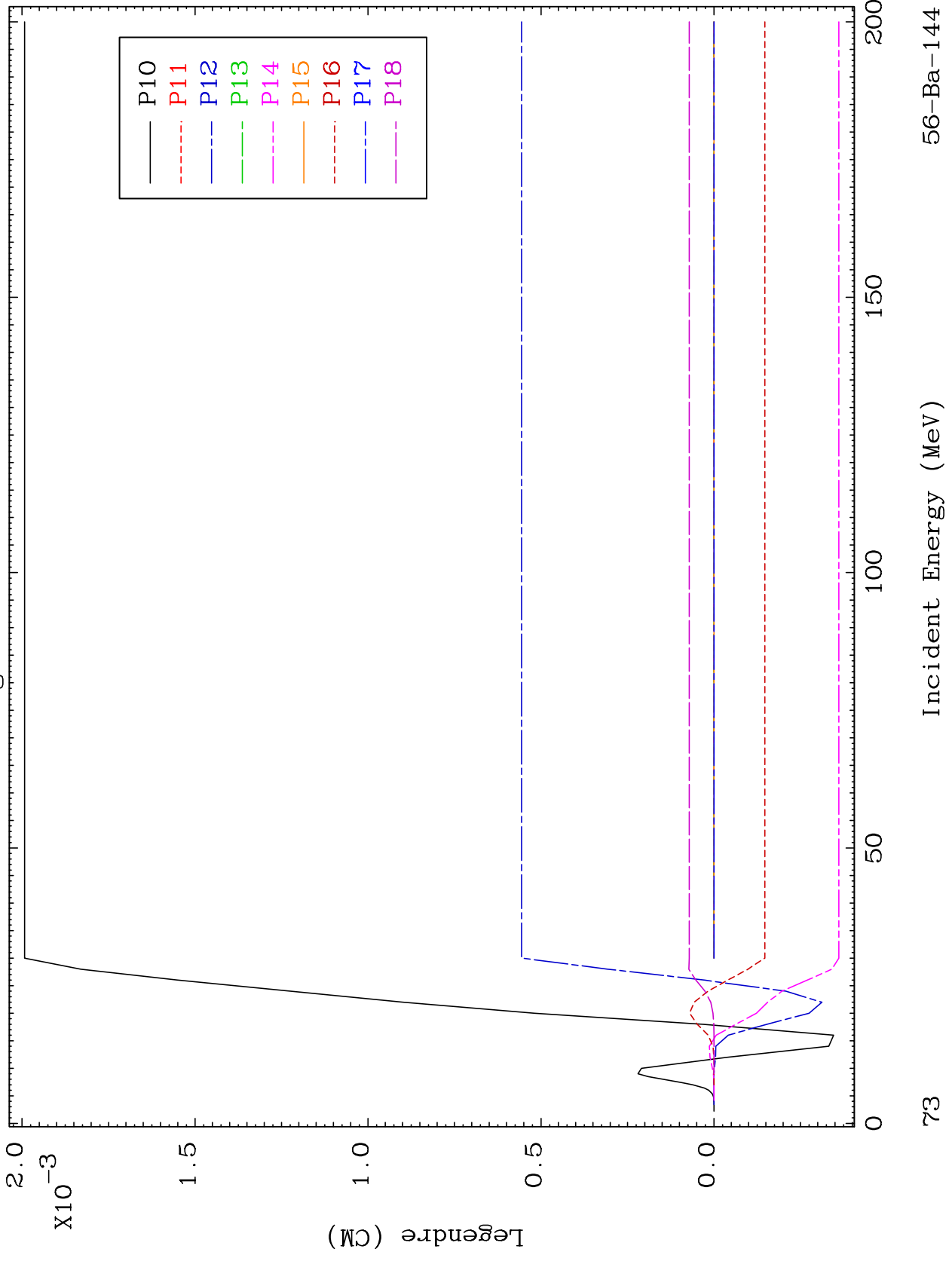




MAT 5667

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

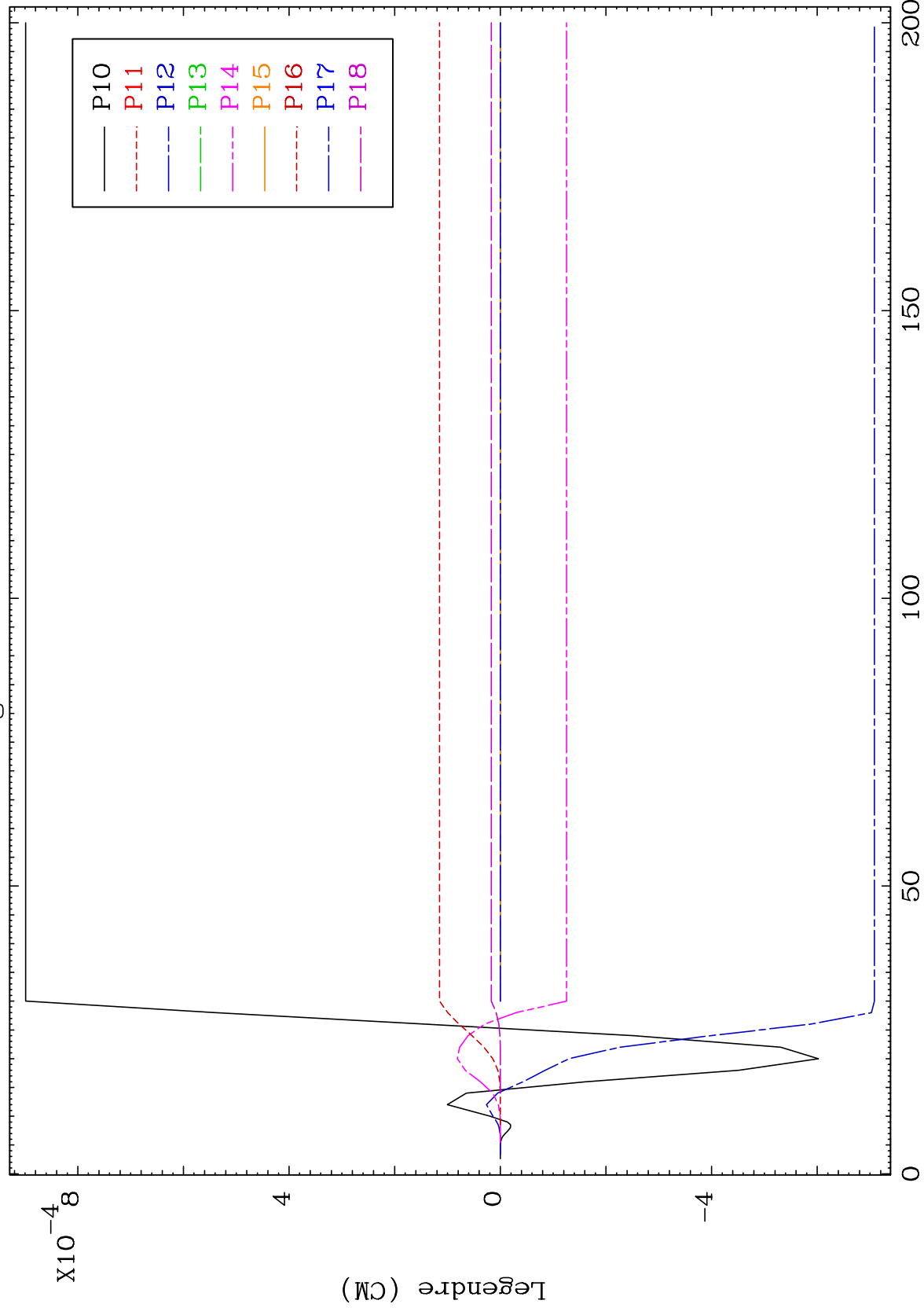
56-Ba-144



MAT 5667

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

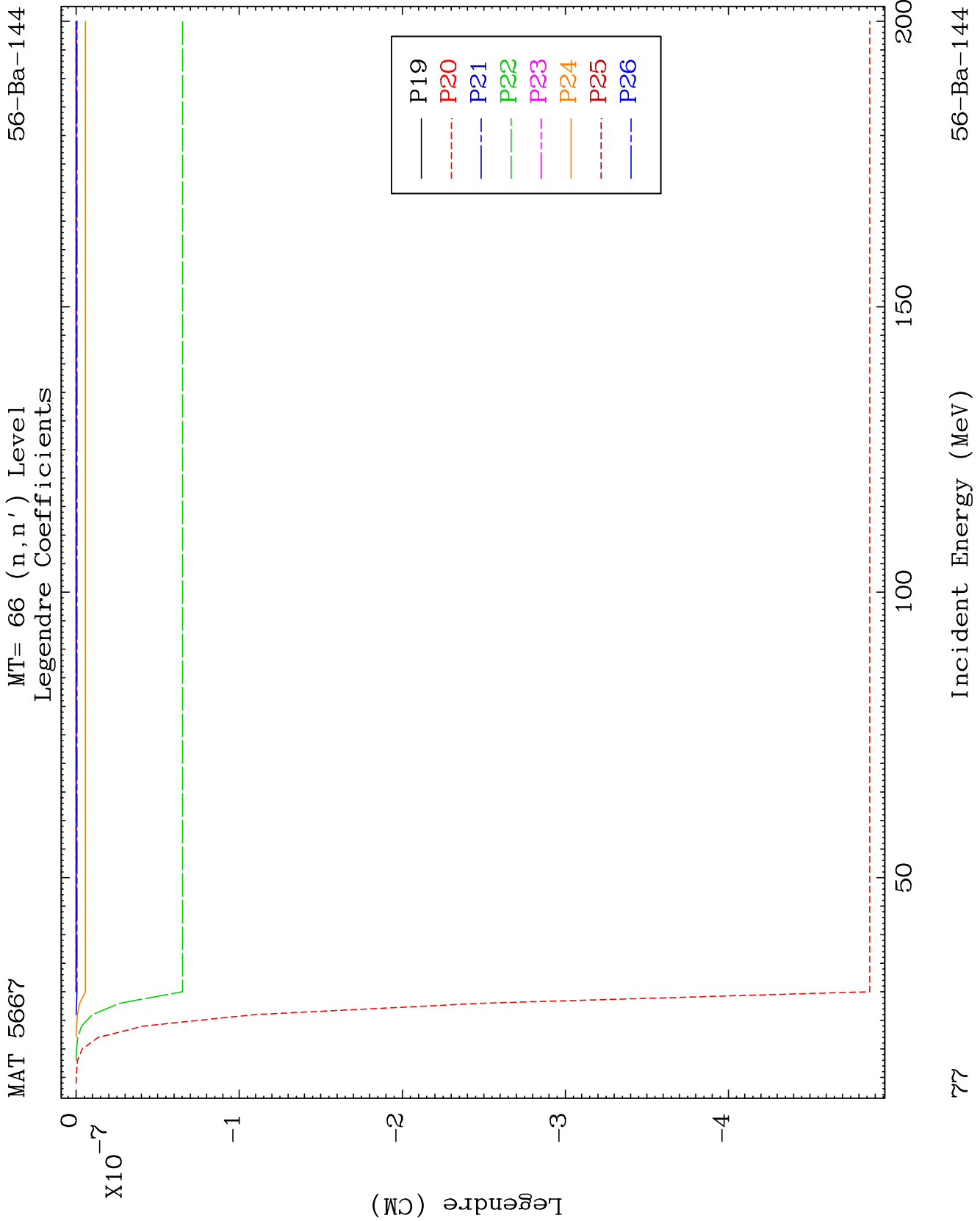
56-Ba-144



76

Incident Energy (MeV)

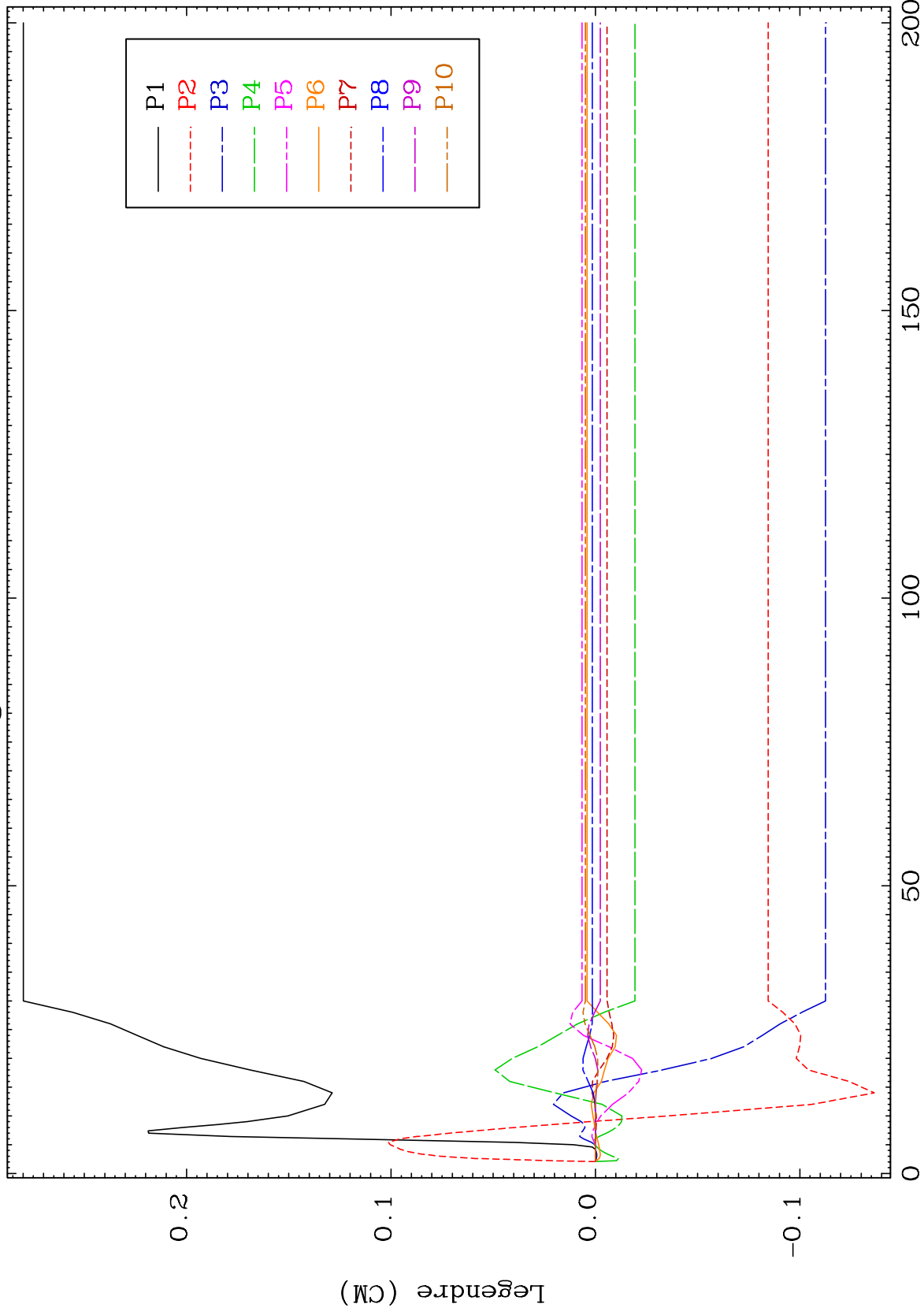
56-Ba-144



MAT 5667

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

56-Ba-144



78

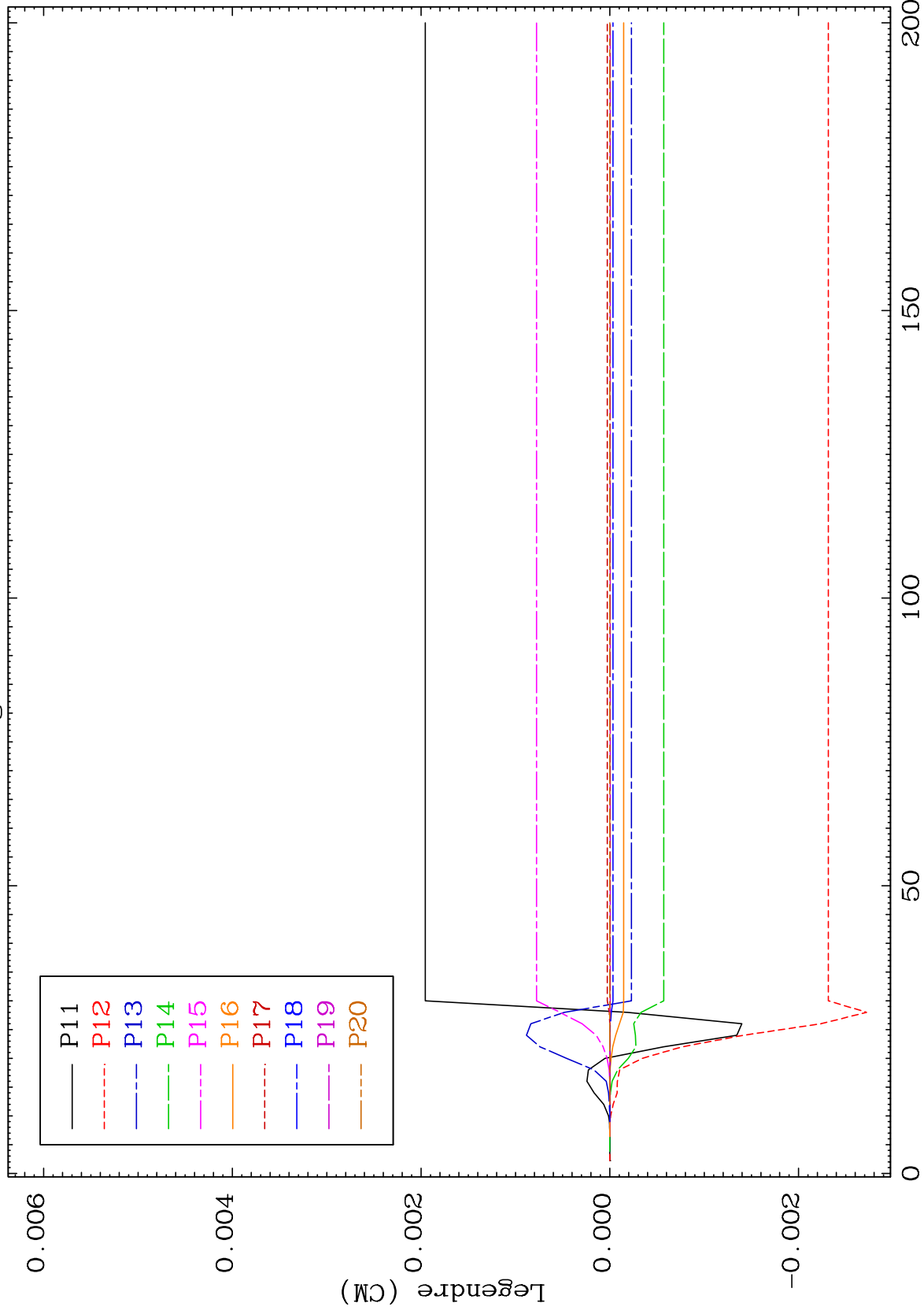
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



79

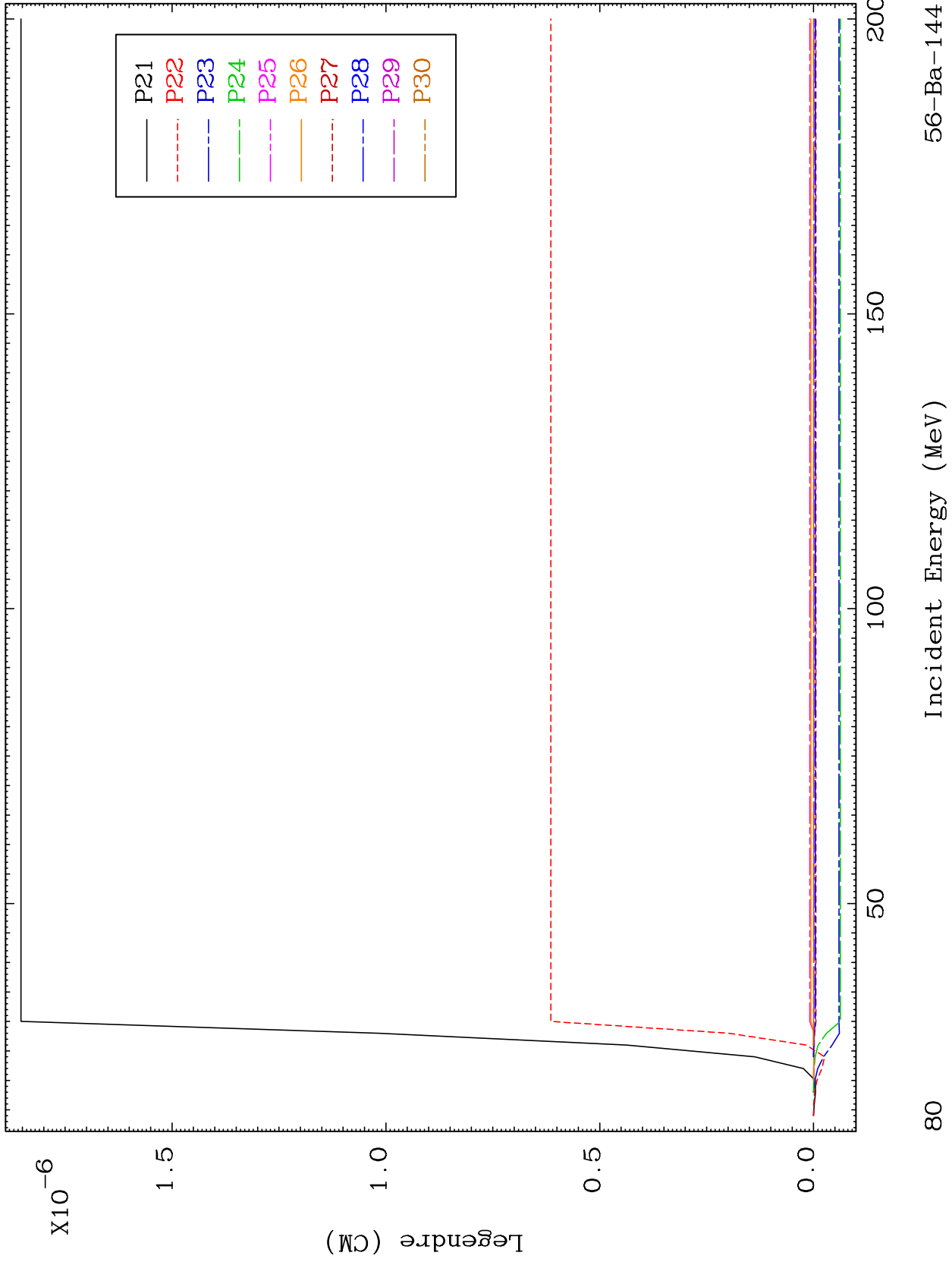
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

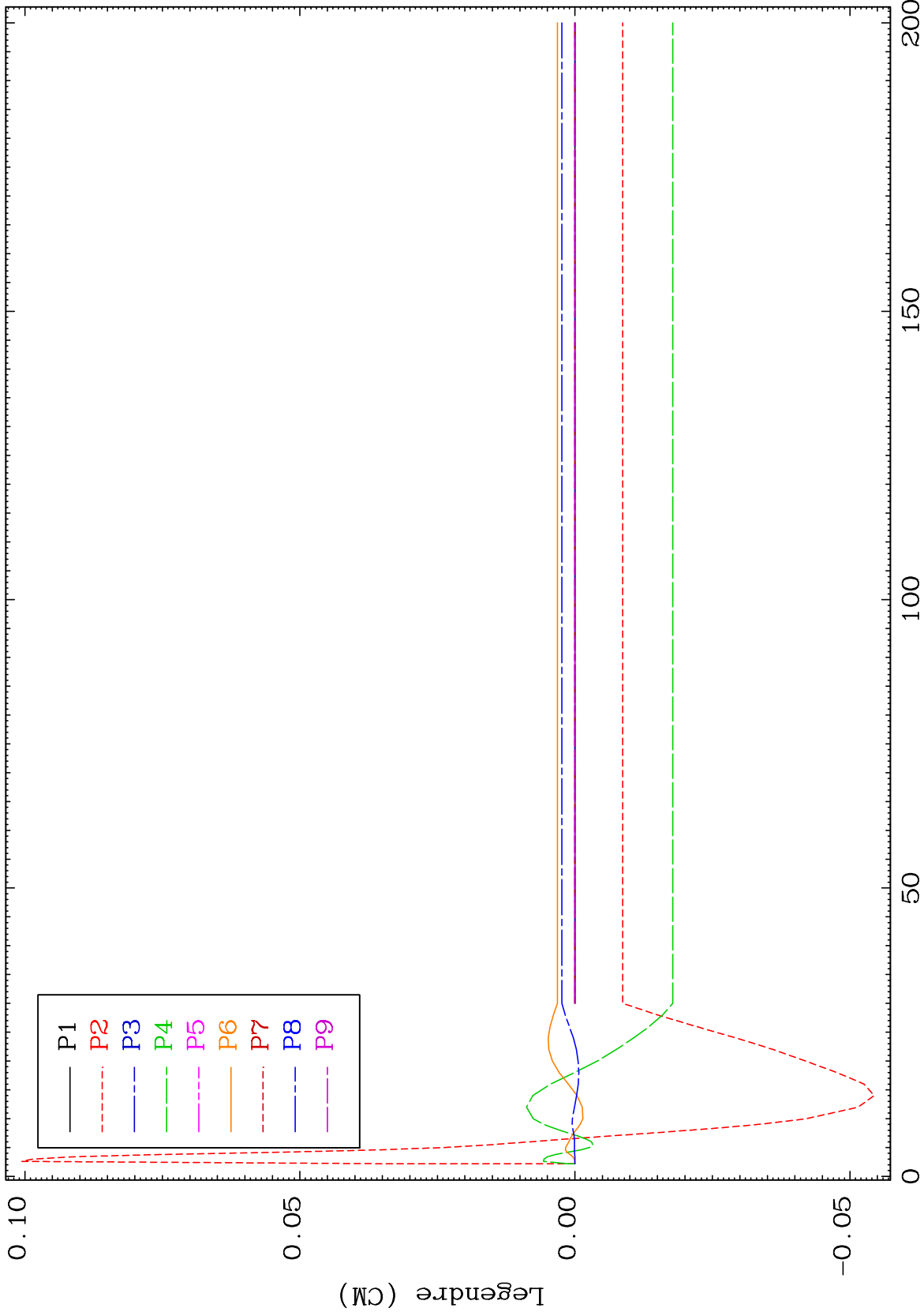
56-Ba-144



MAT 5667

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

56-Ba-144



81

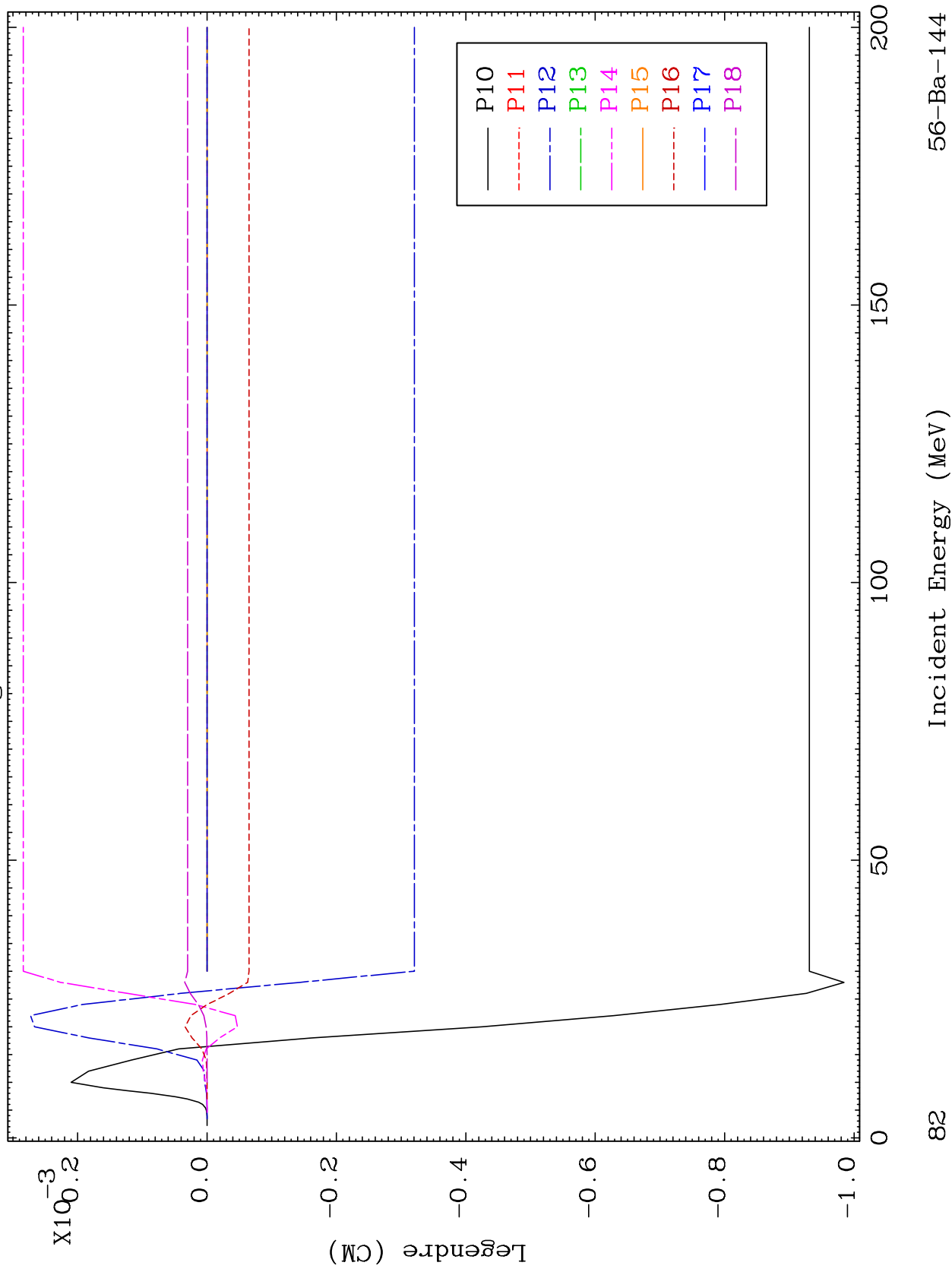
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

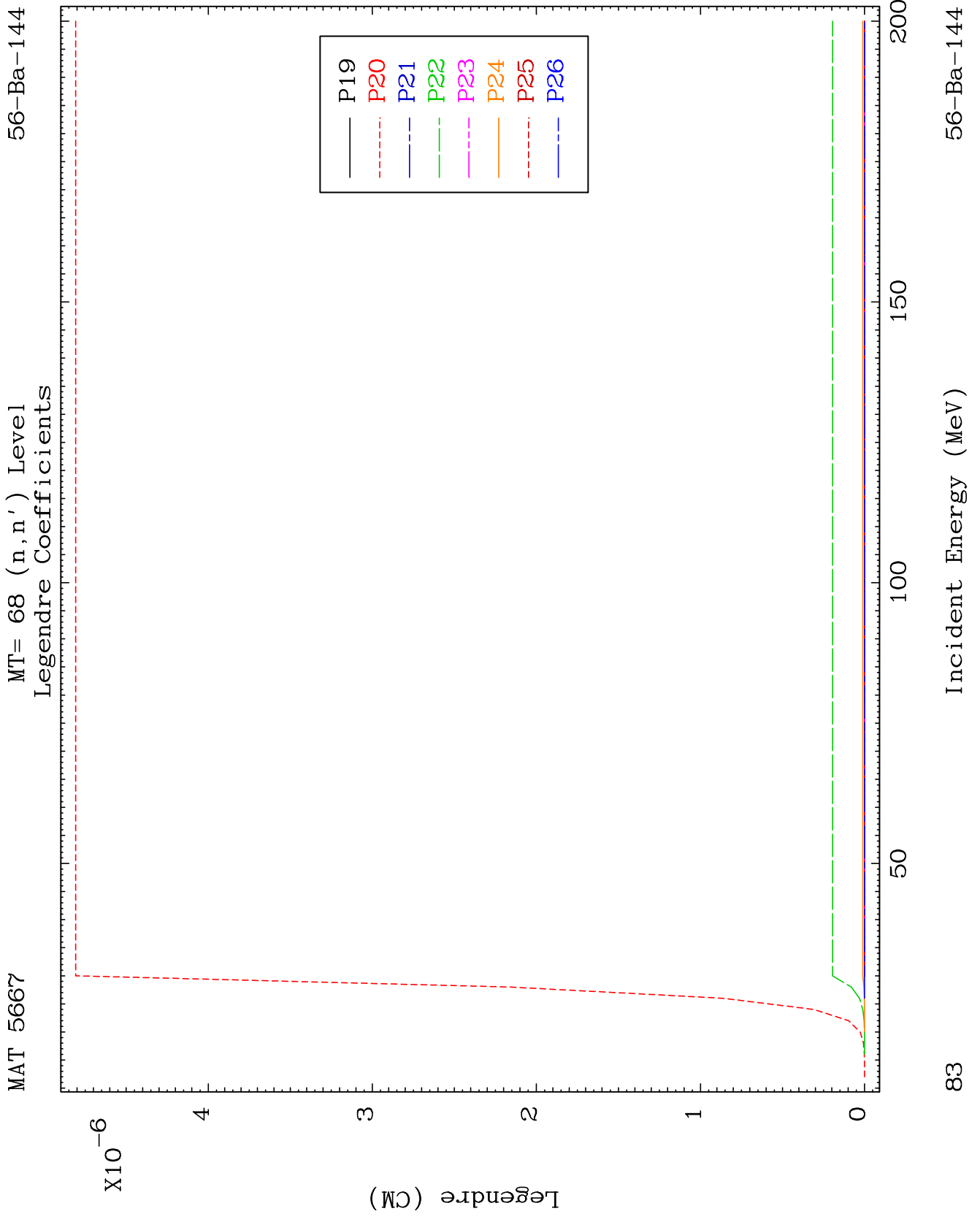
56-Ba-144



82

Incident Energy (MeV)

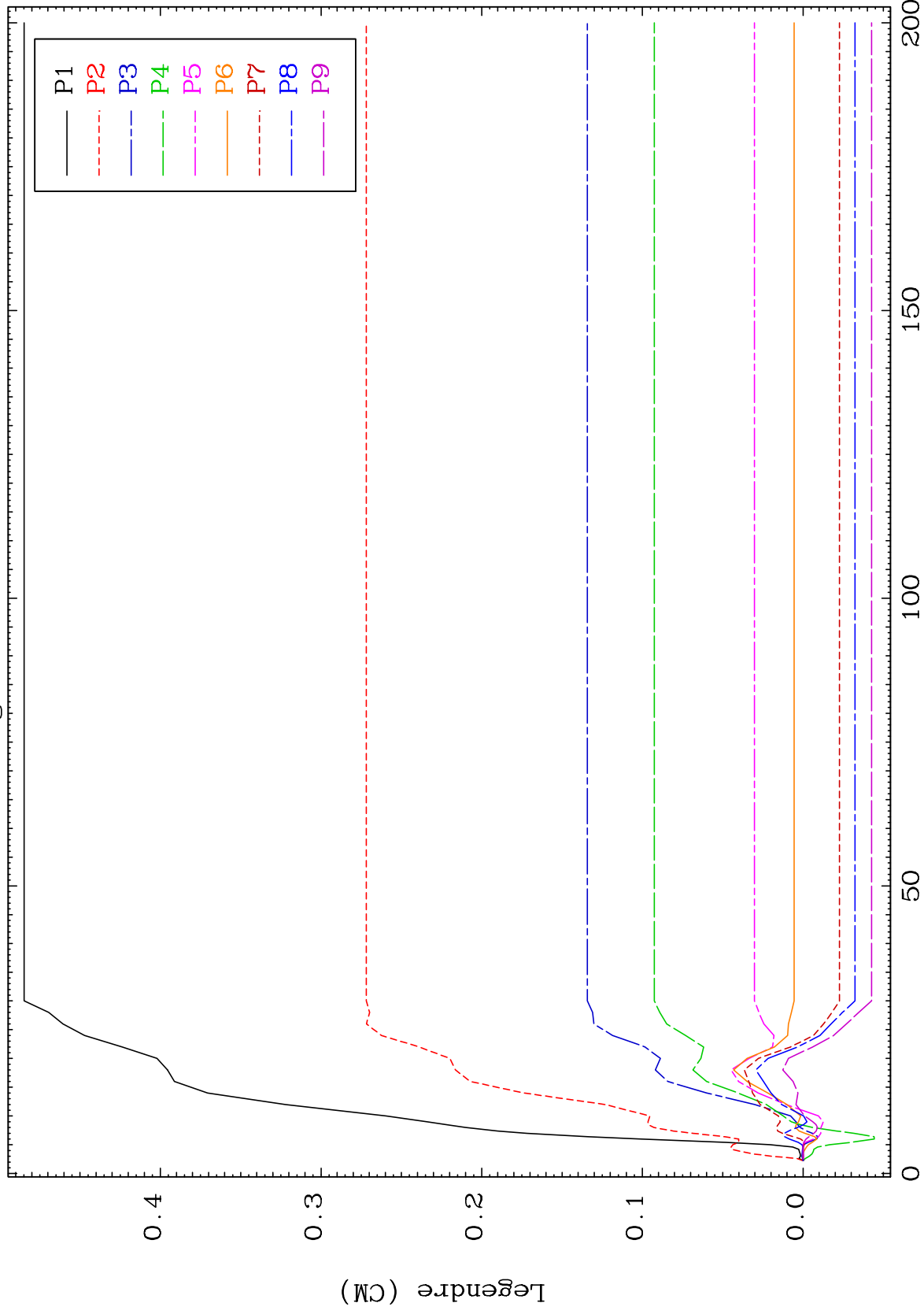
56-Ba-144



MAT 5667

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

56-Ba-144



84

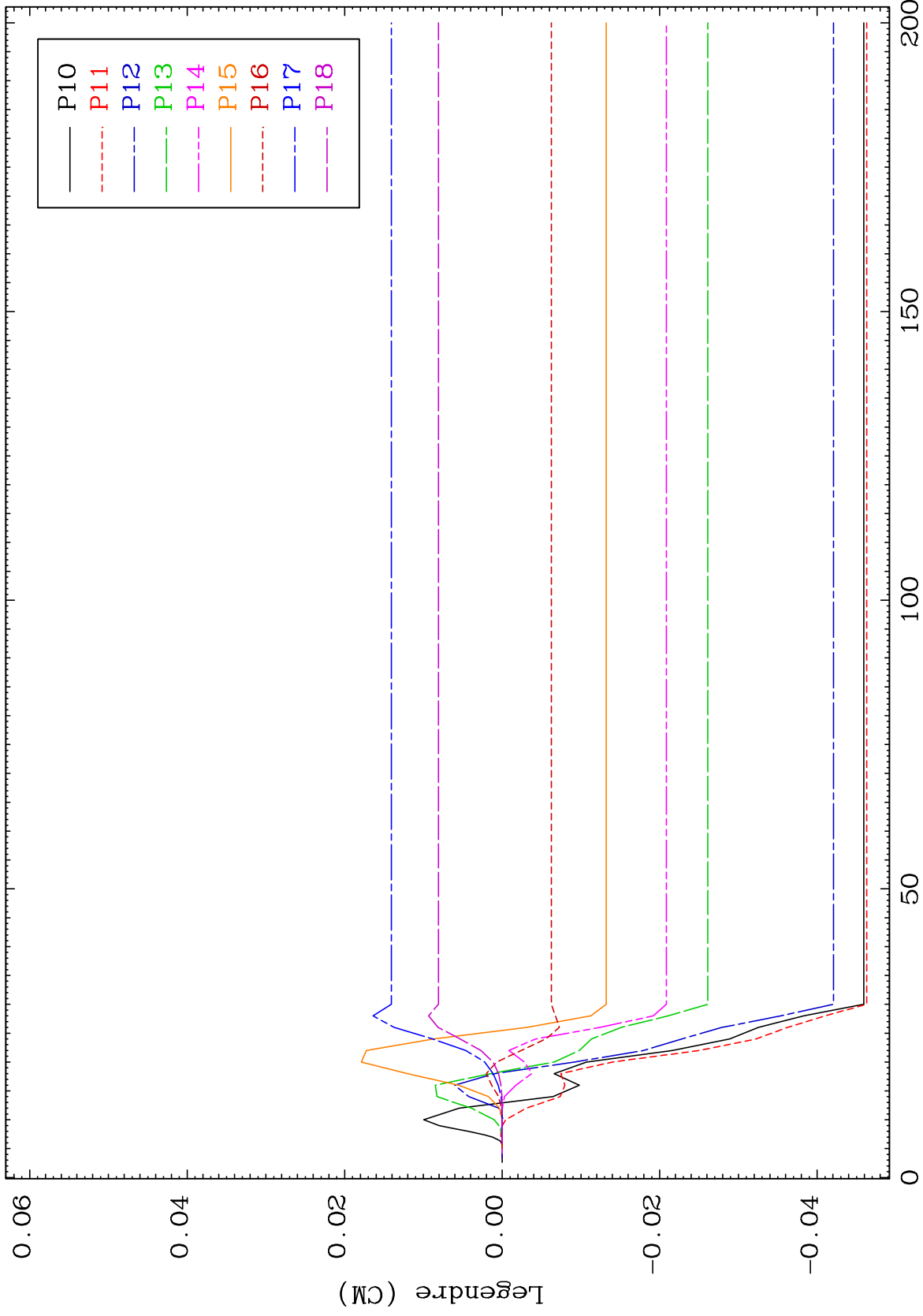
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



85

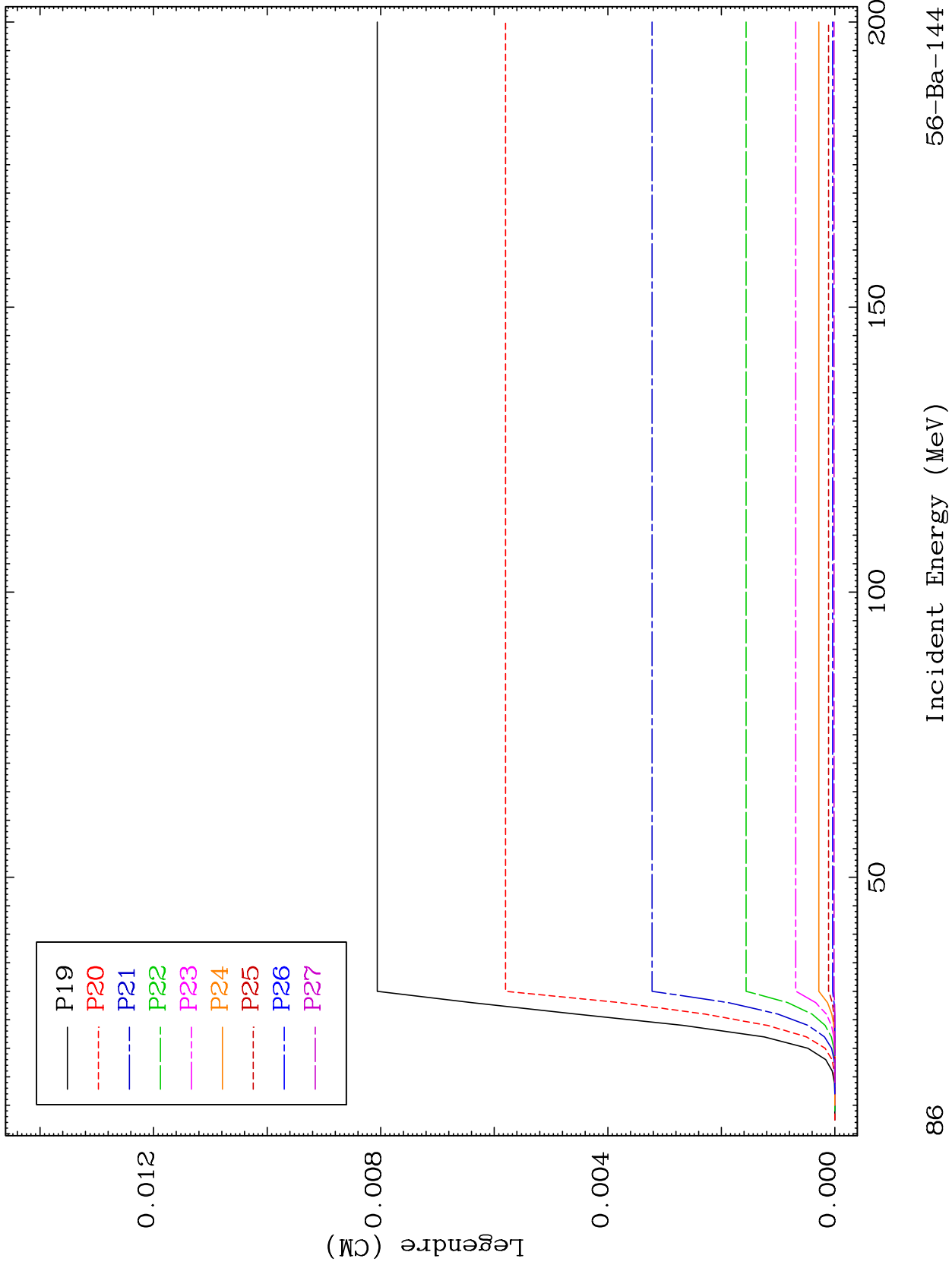
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



86

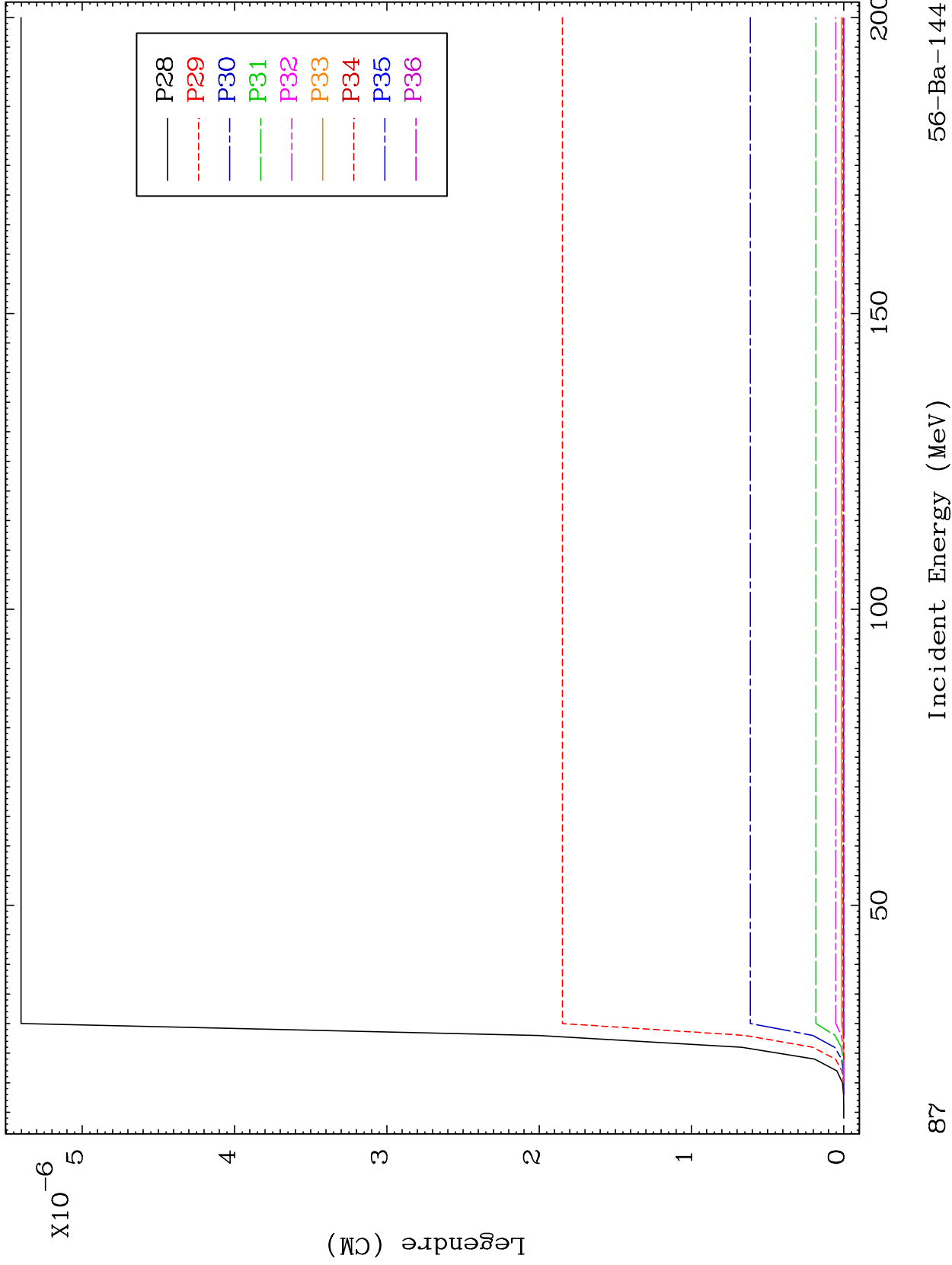
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

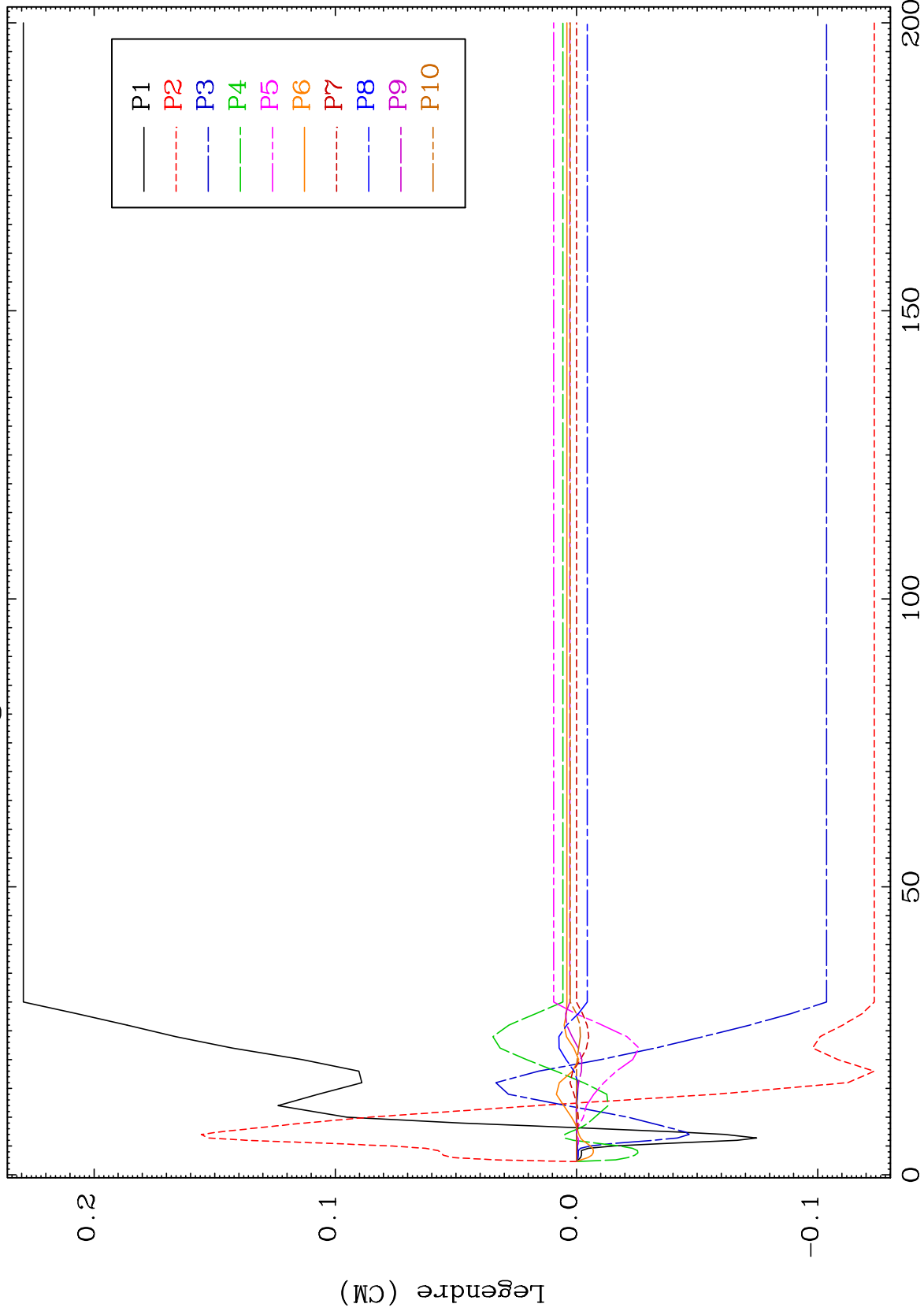
56-Ba-144



MAT 5667

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

56-Ba-144



88

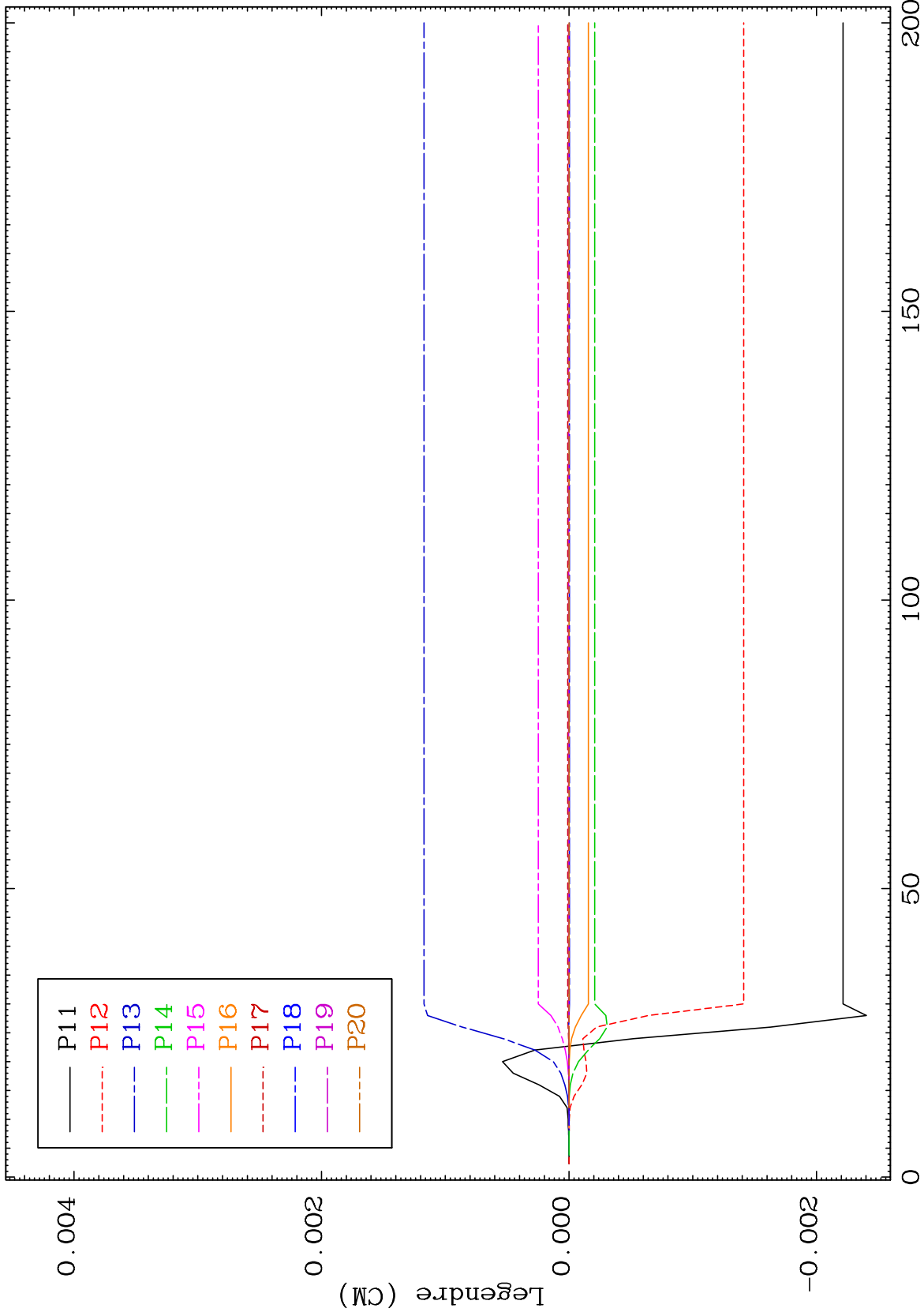
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



89

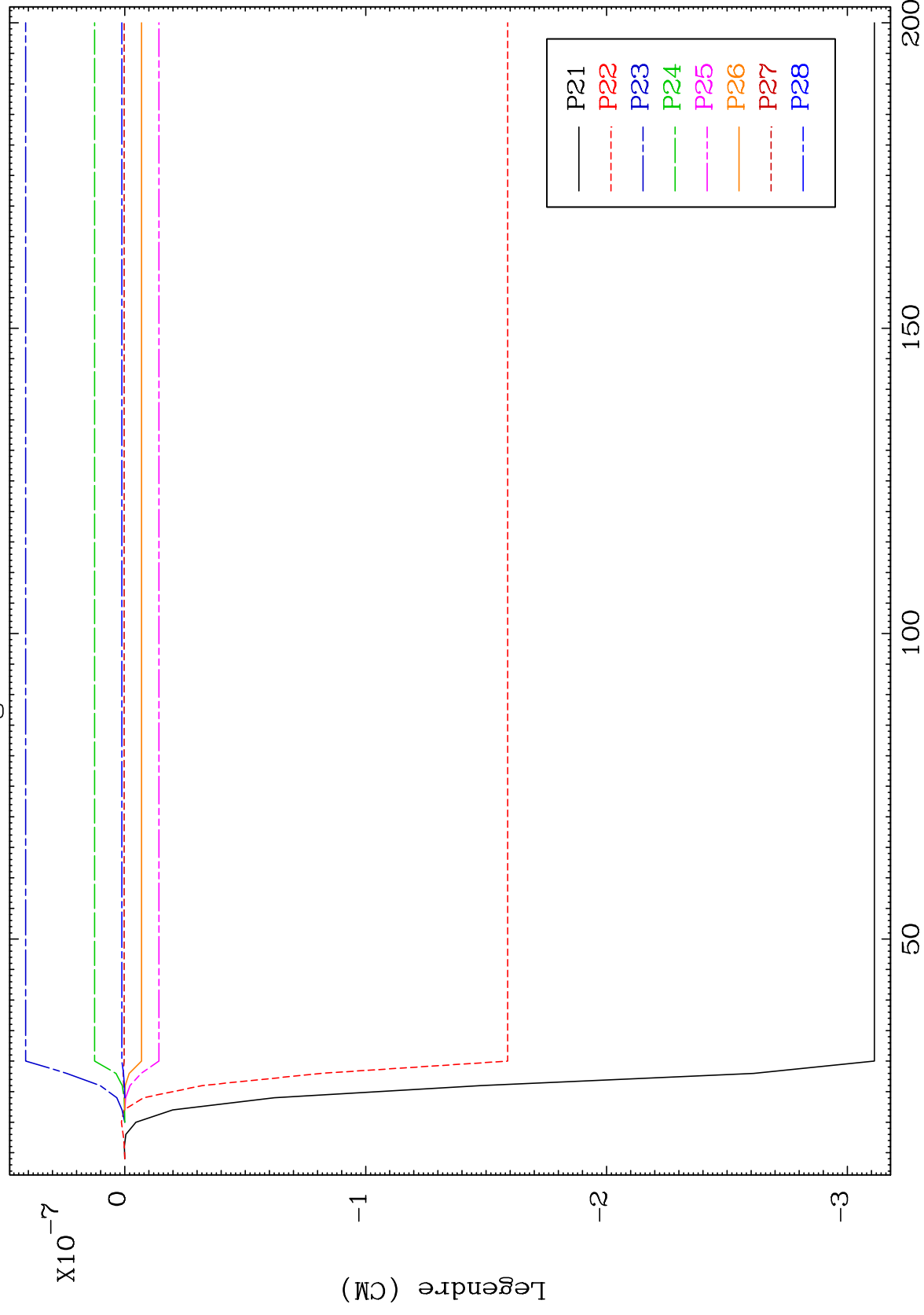
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



90

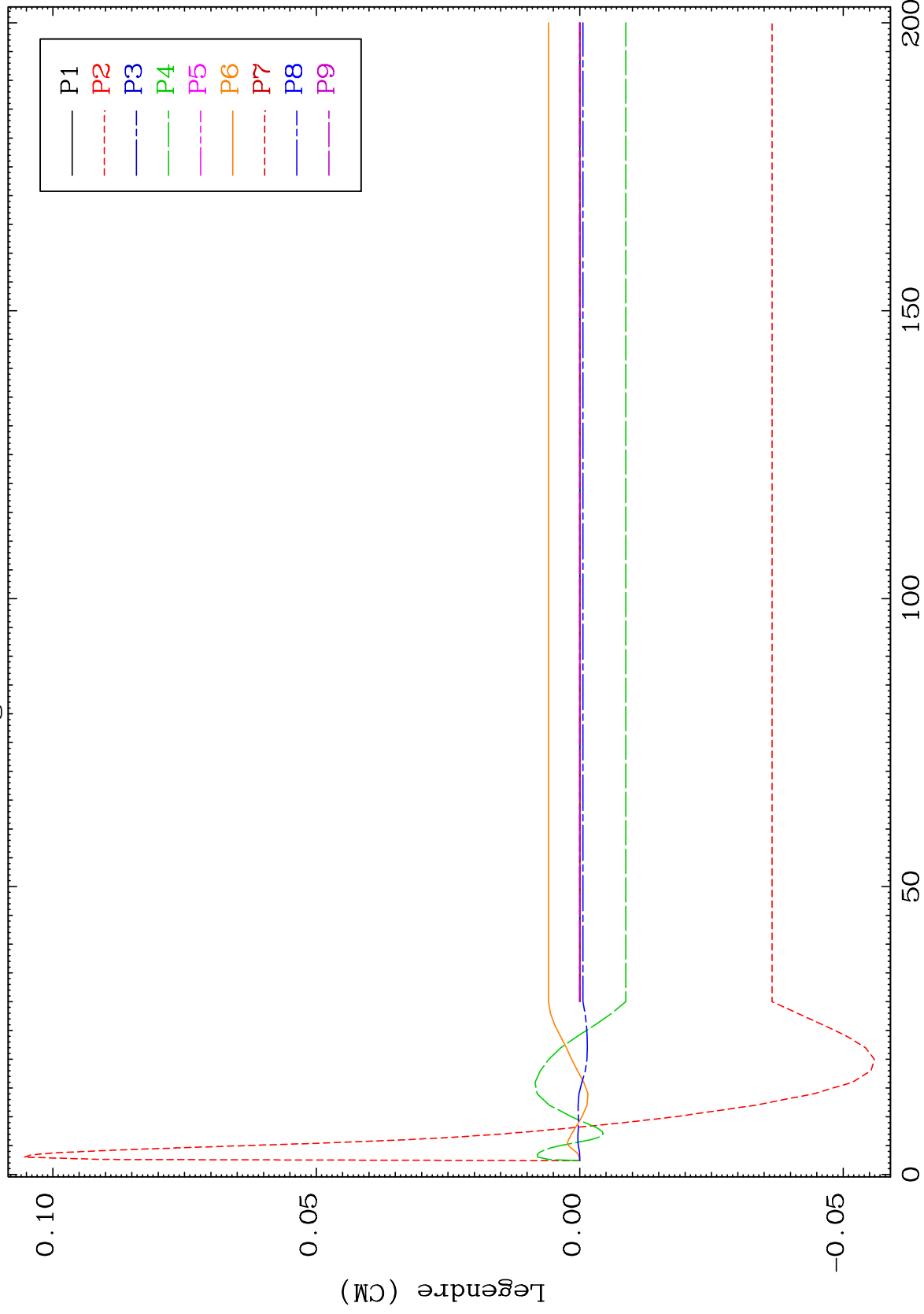
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



91

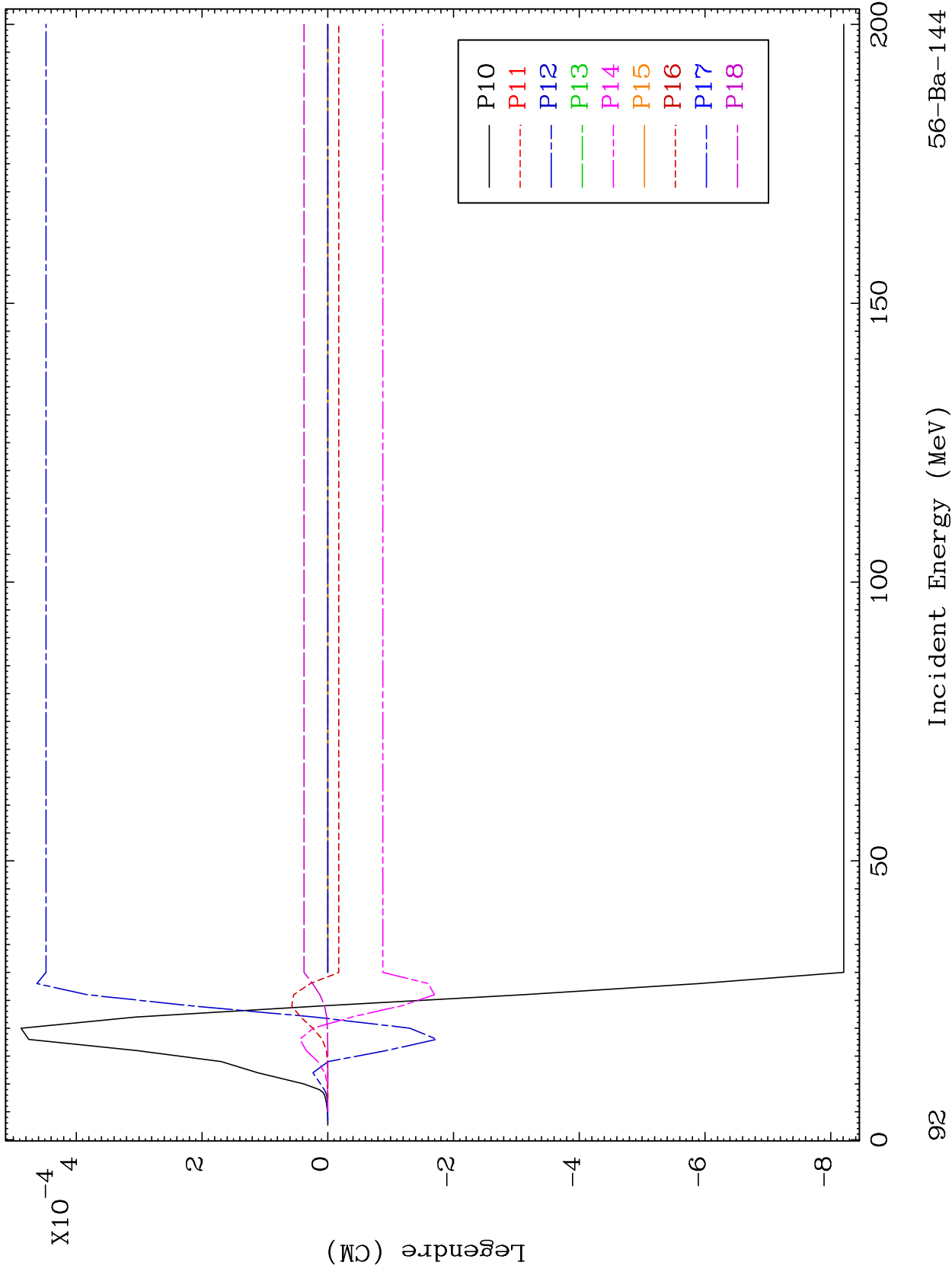
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

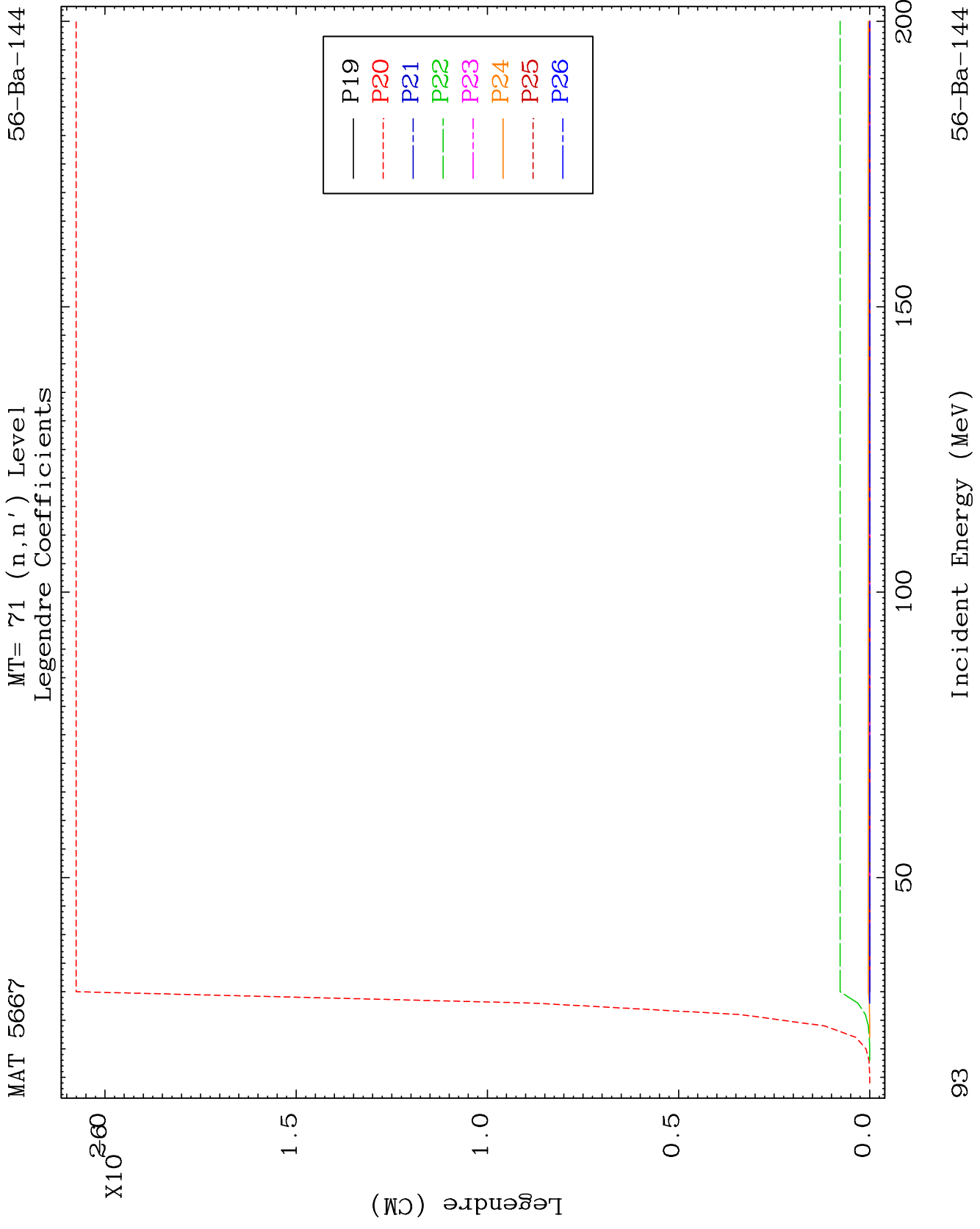
56-Ba-144



92

Incident Energy (MeV)

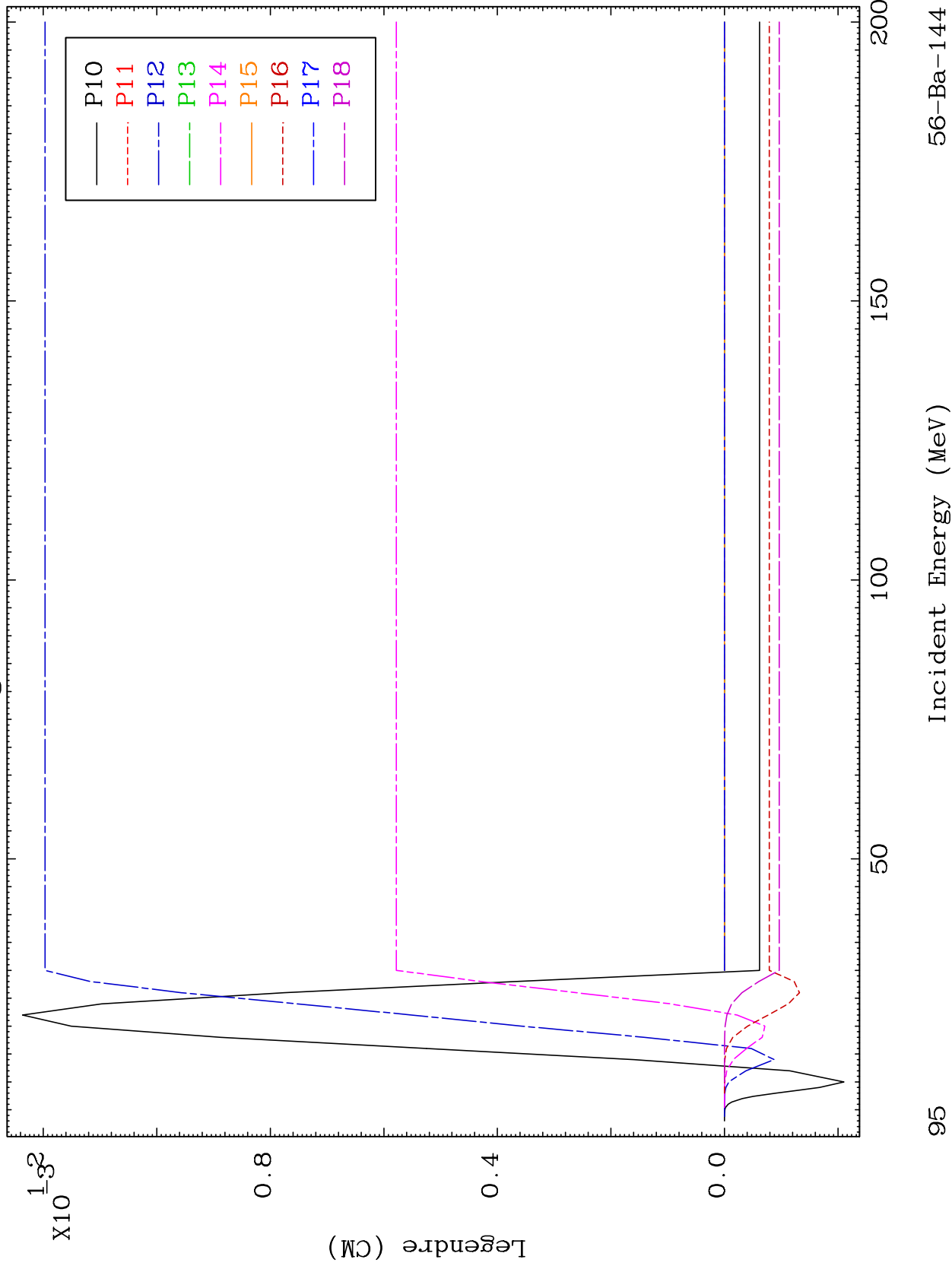
56-Ba-144

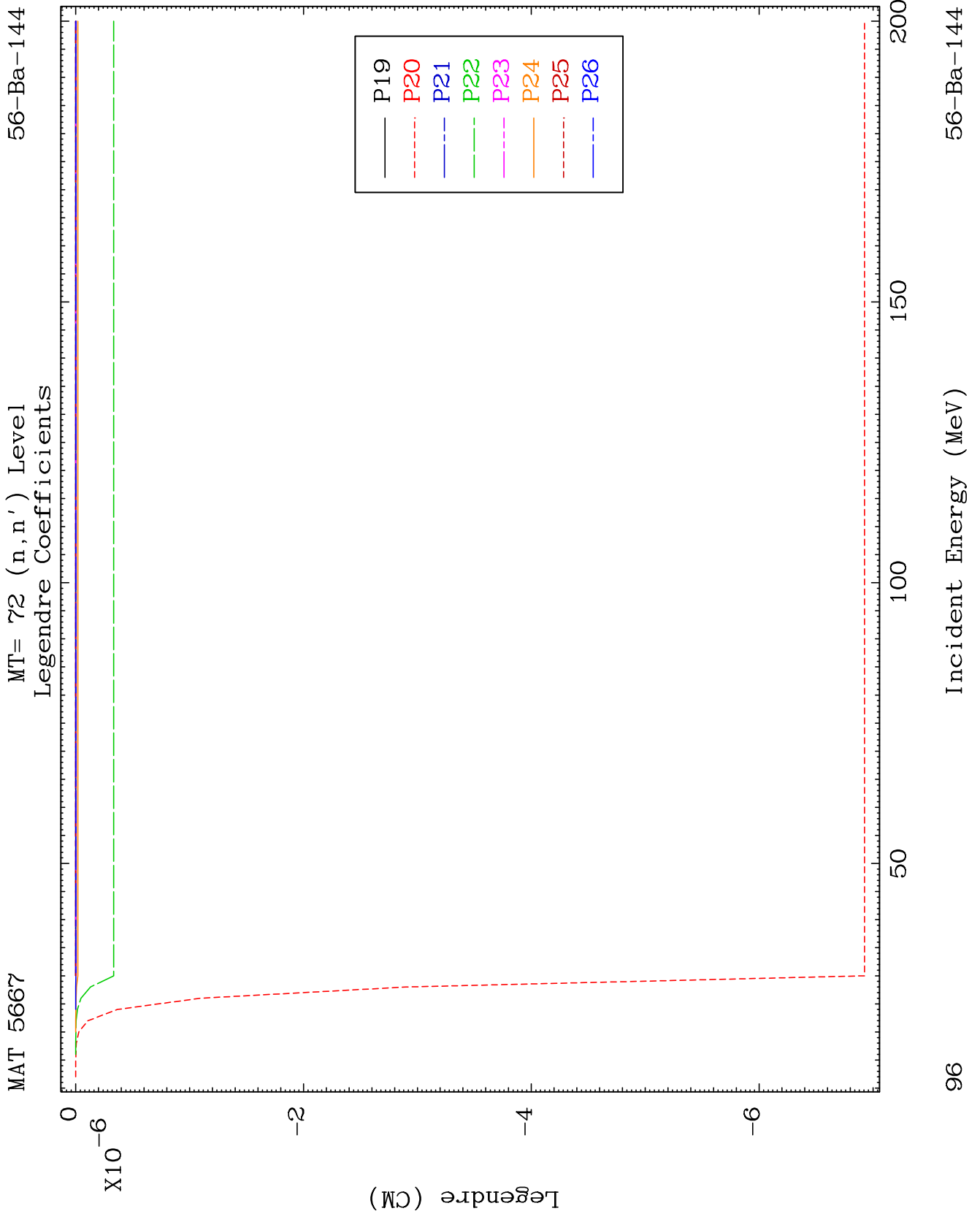


MAT 5667

MT= 72 (n,n') Level
Legendre Coefficients

56-Ba-144

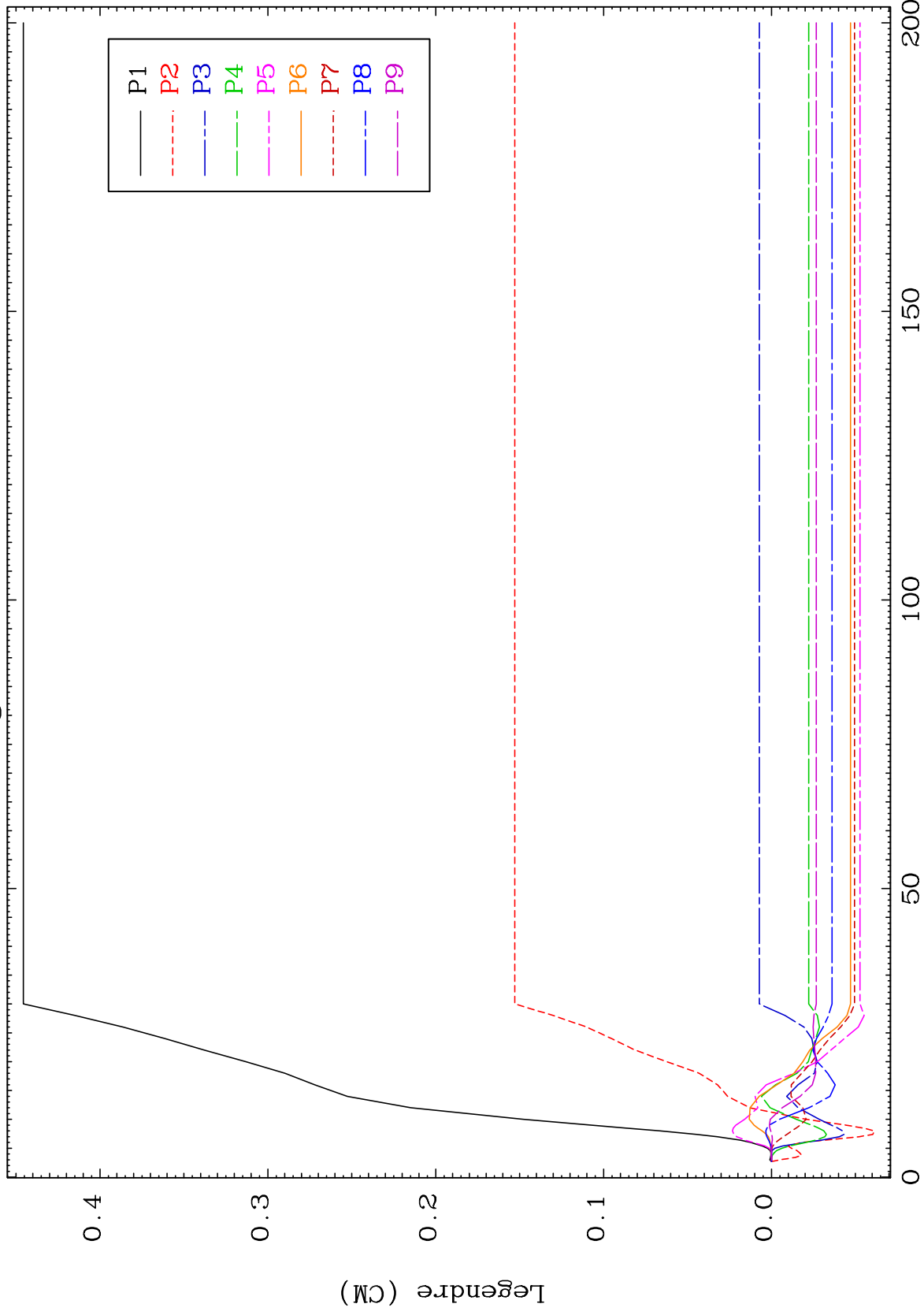




MAT 5667

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

56-Ba-144



97

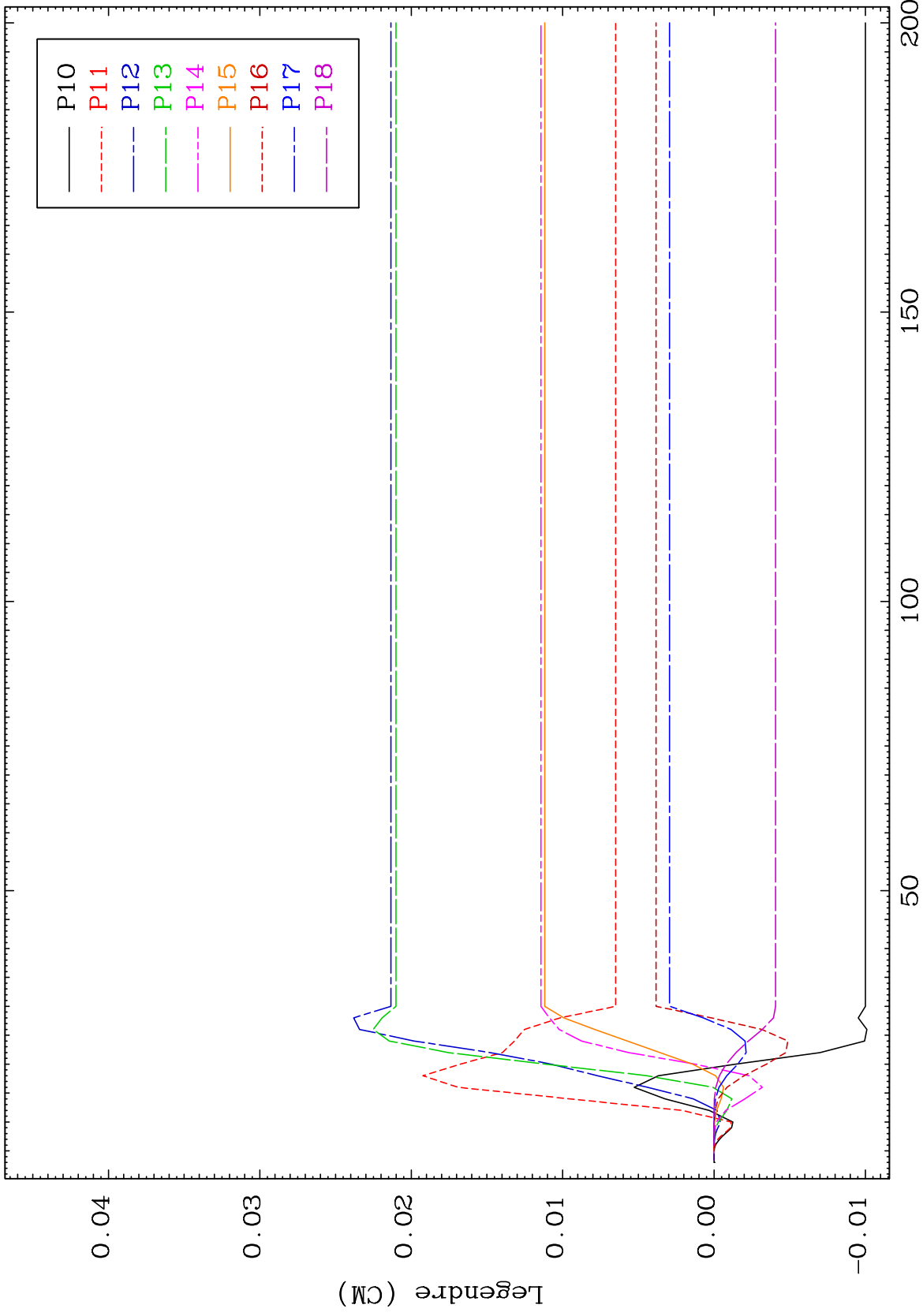
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



98

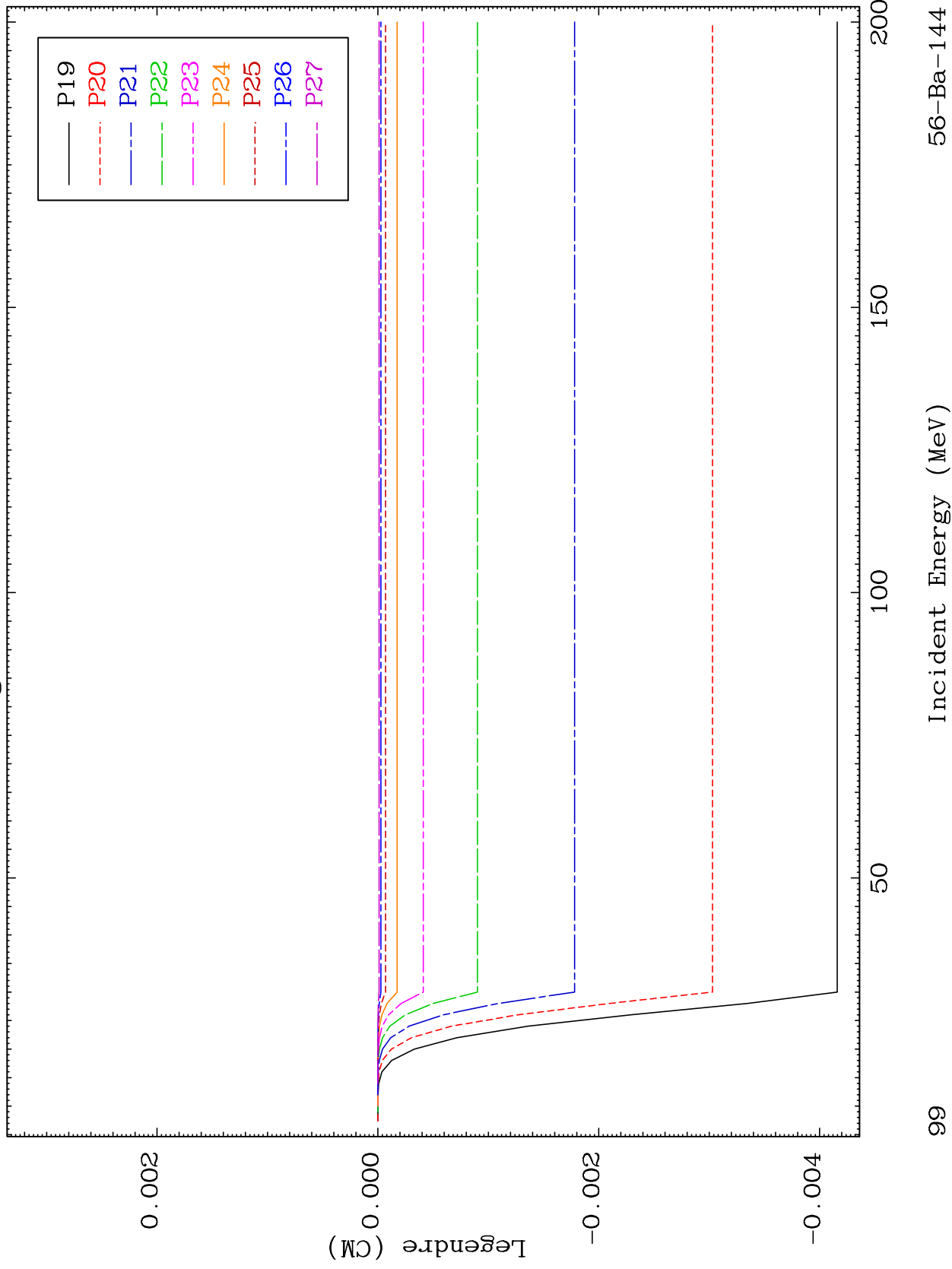
Incident Energy (MeV)

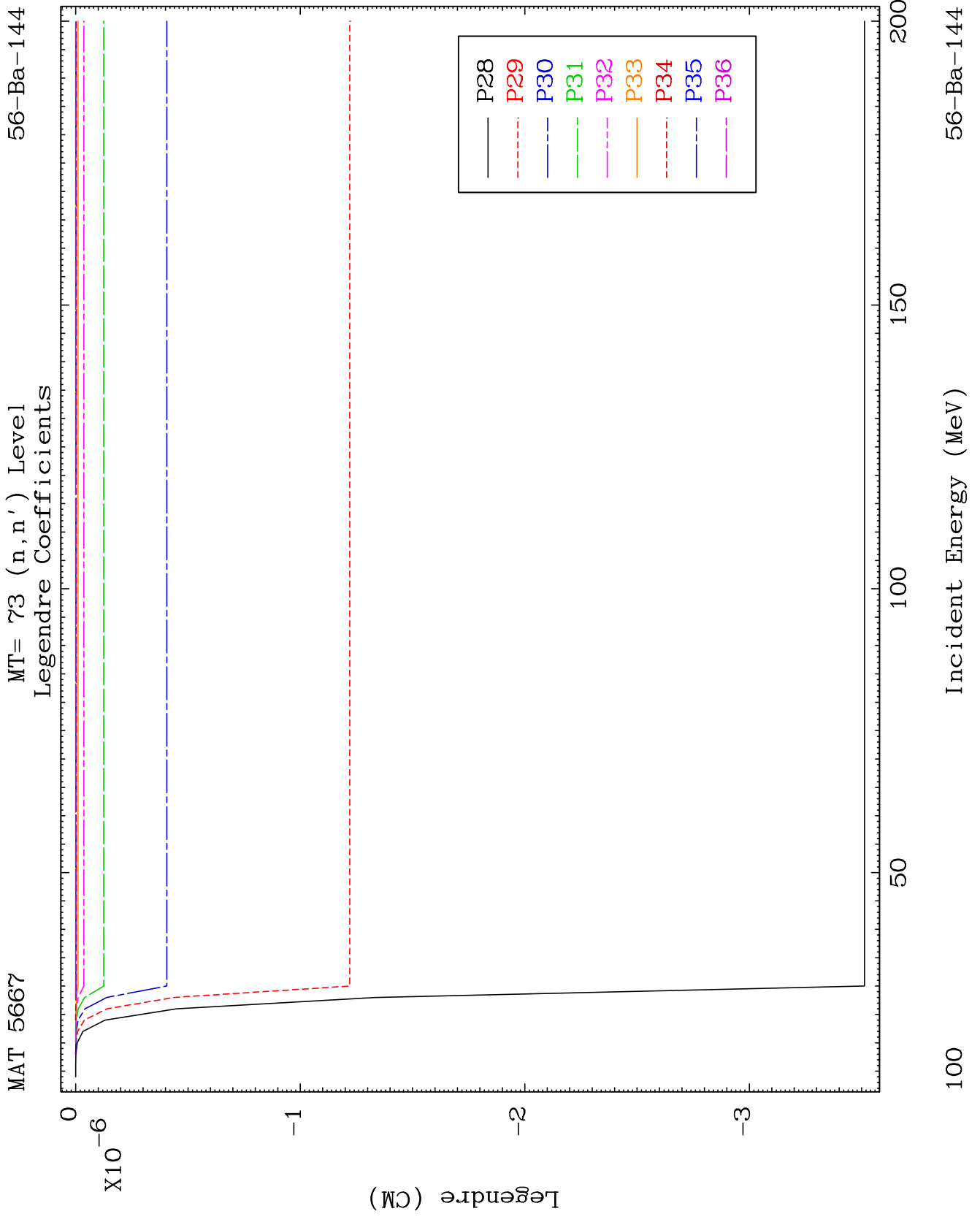
56-Ba-144

MAT 5667

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

56-Ba-144

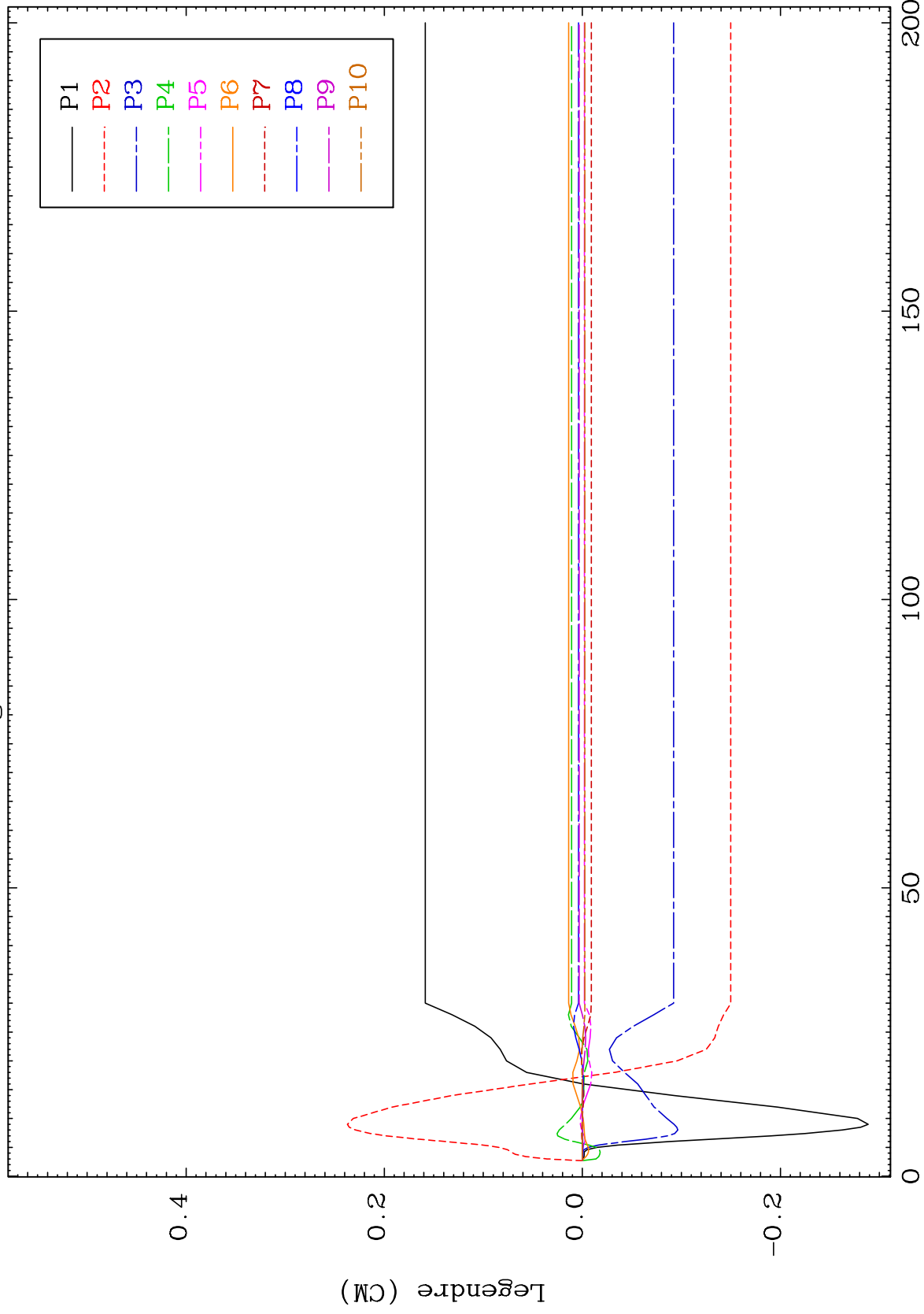




MAT 5667

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

56-Ba-144



101

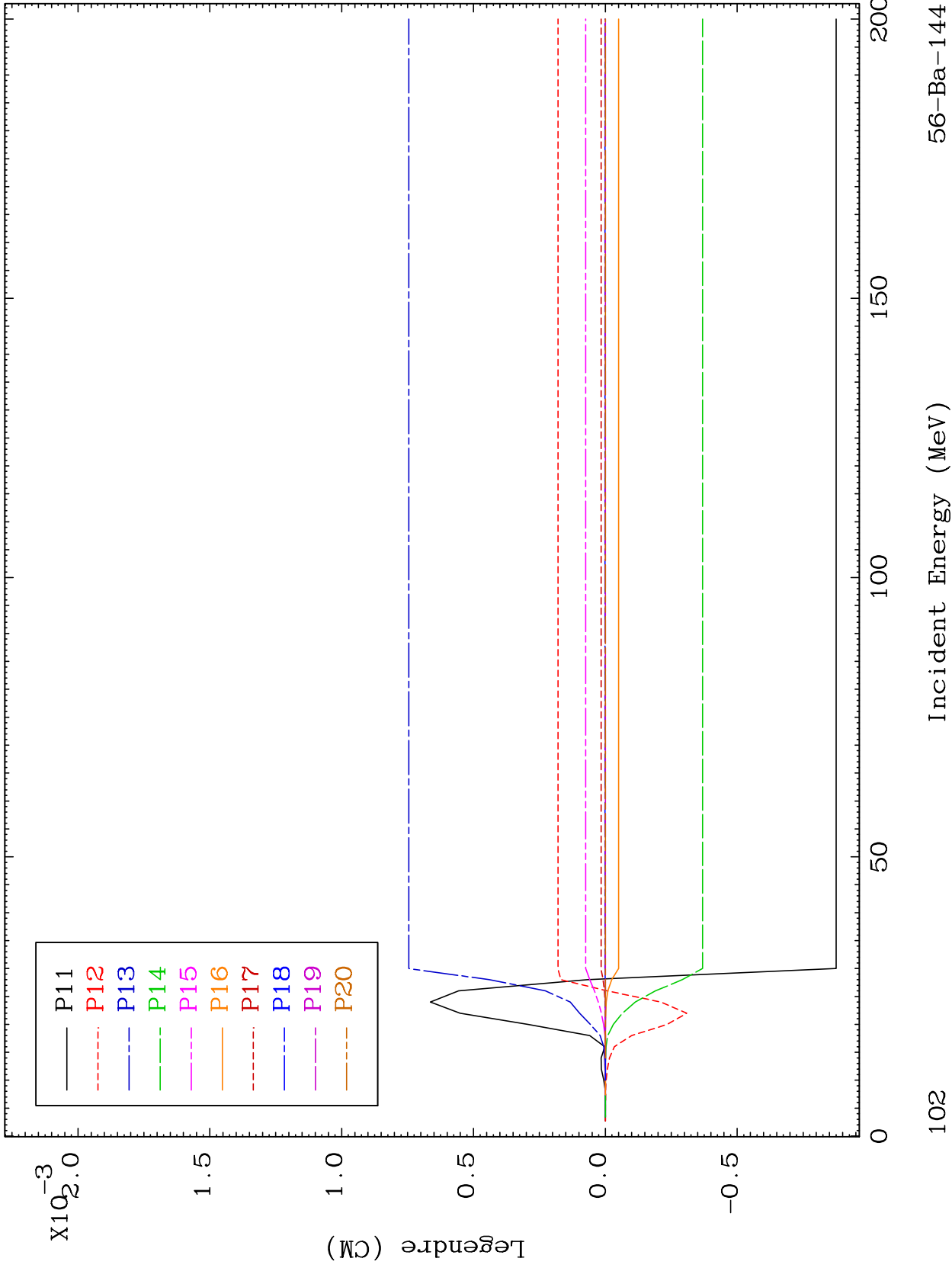
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

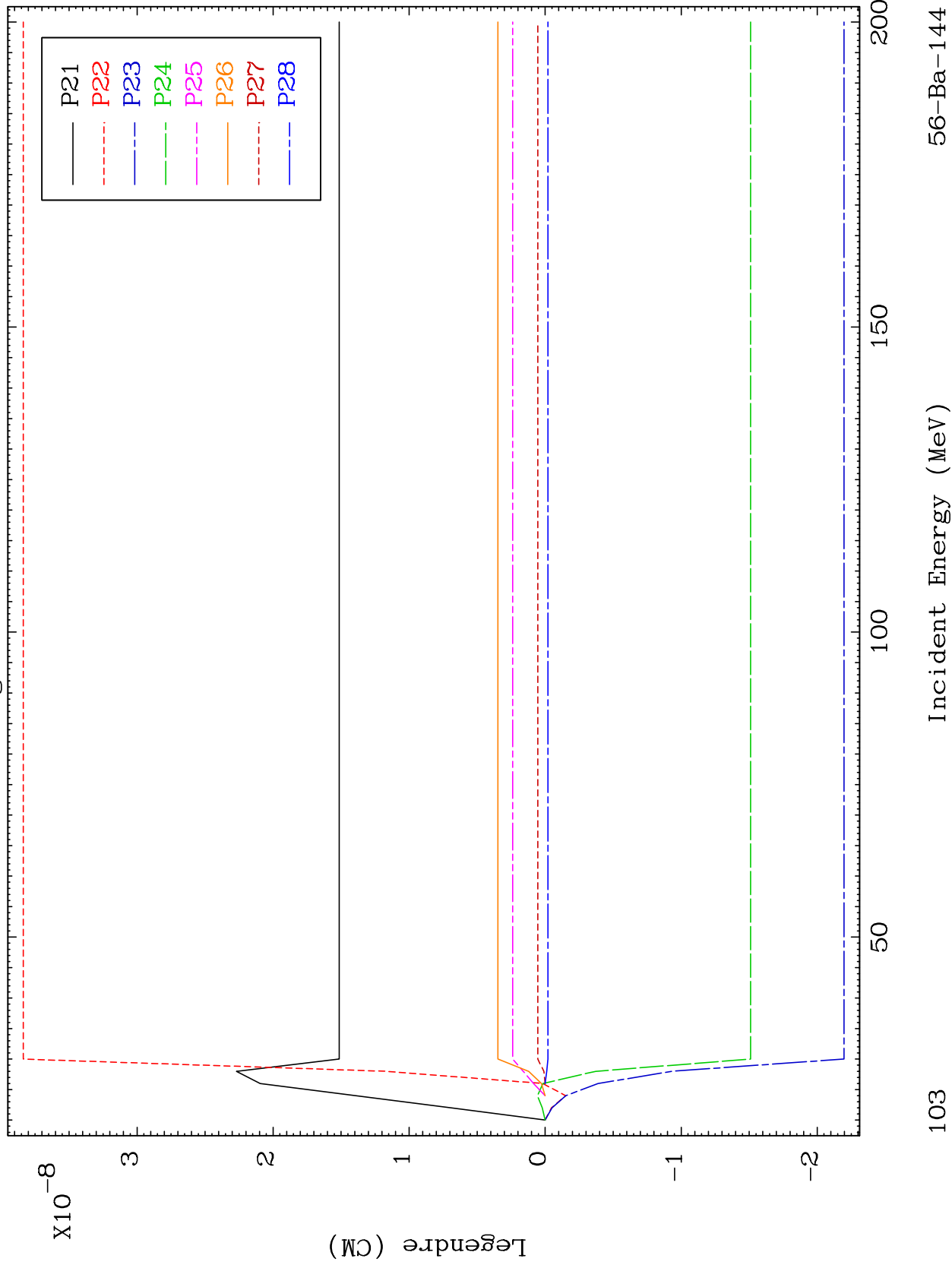
56-Ba-144



MAT 5667

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

56-Ba-144



103

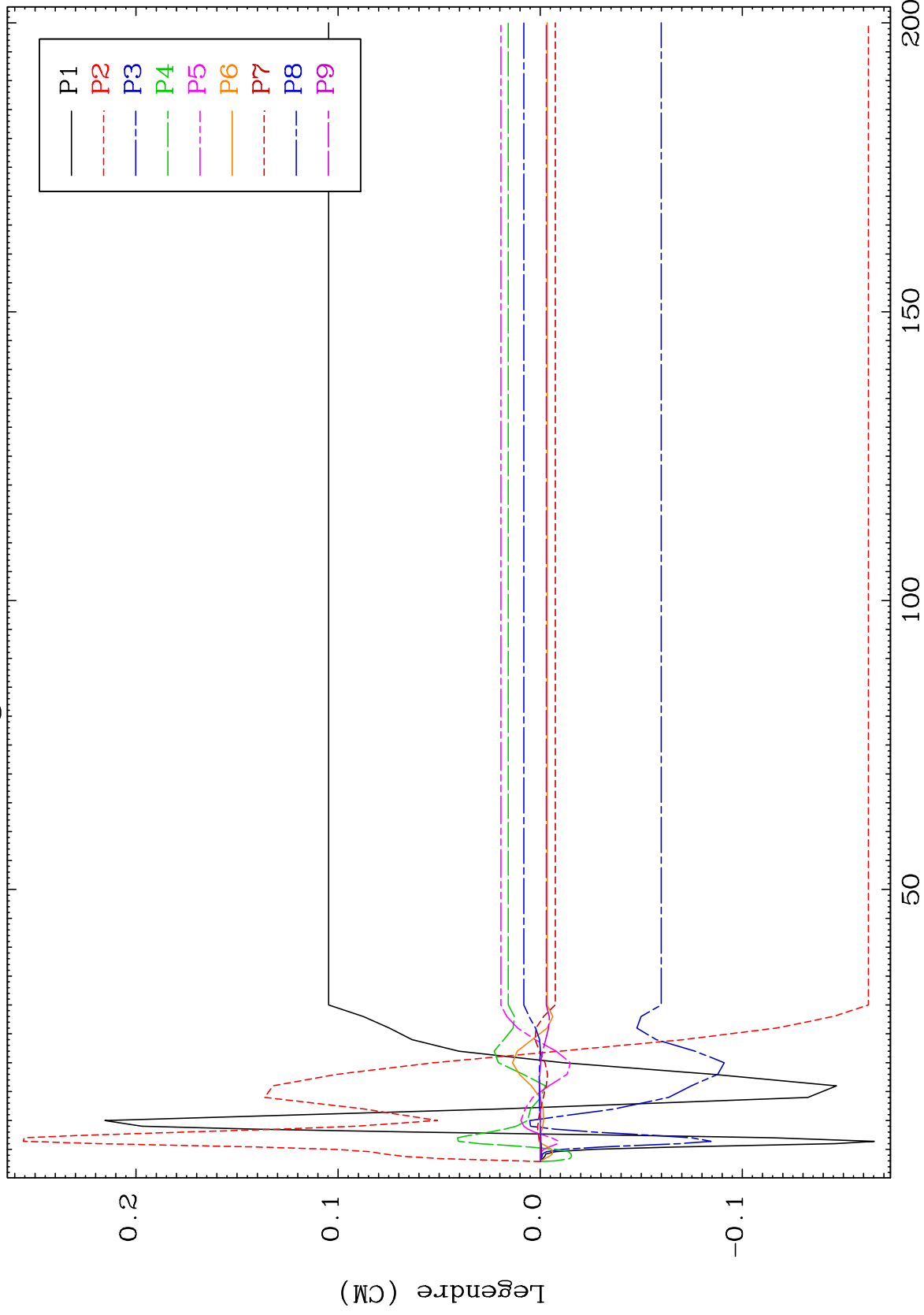
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



104

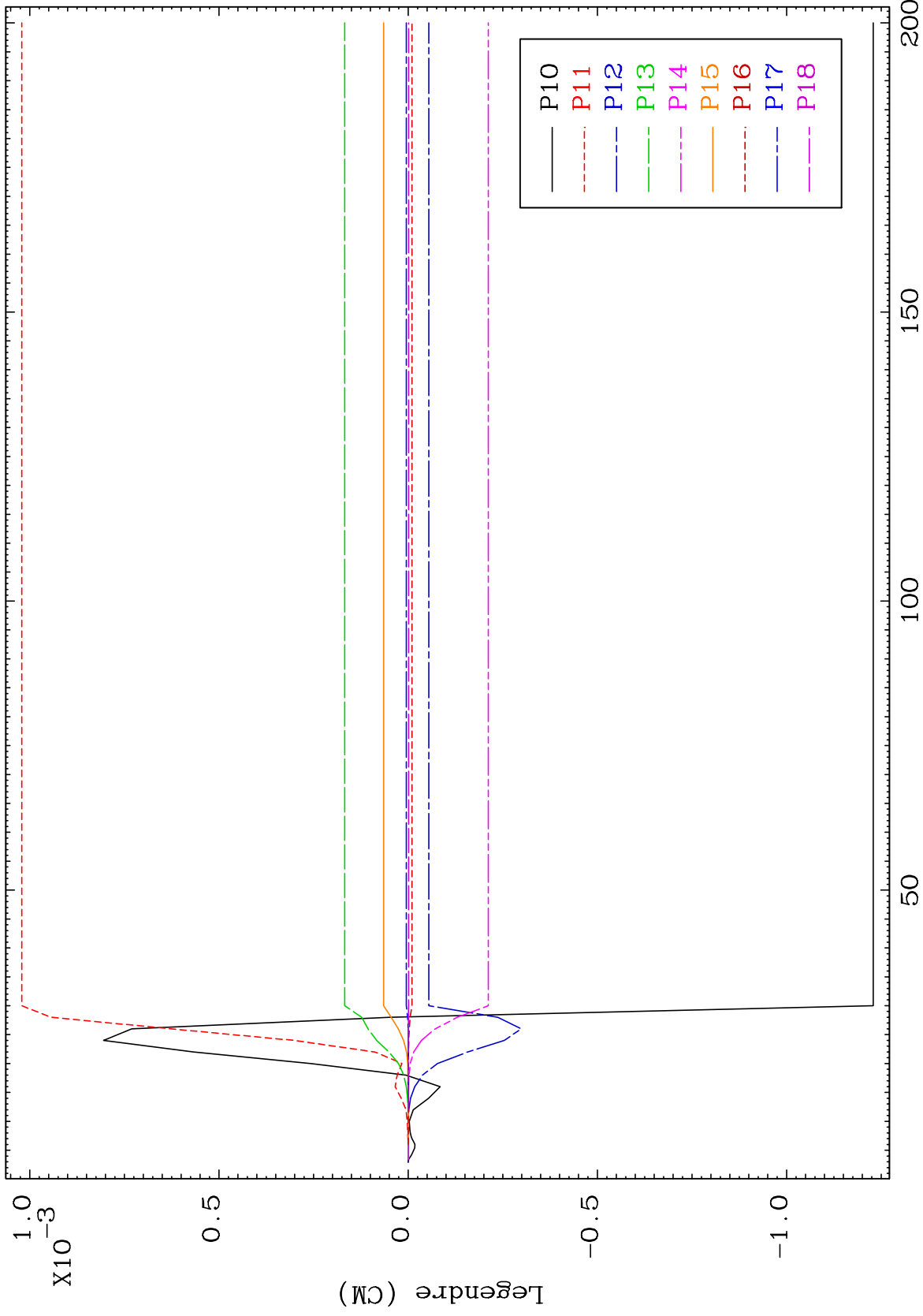
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



105

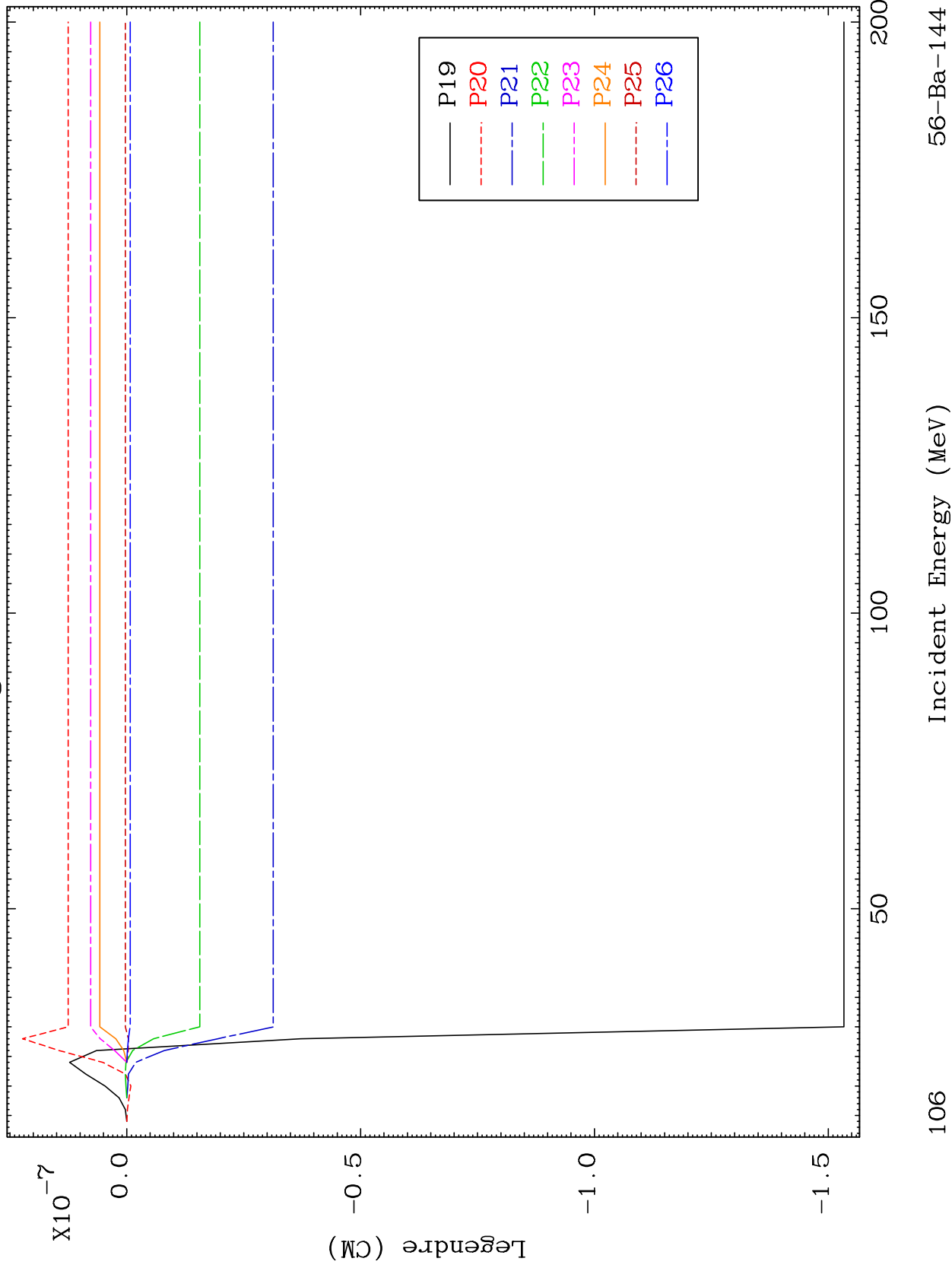
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

56-Ba-144



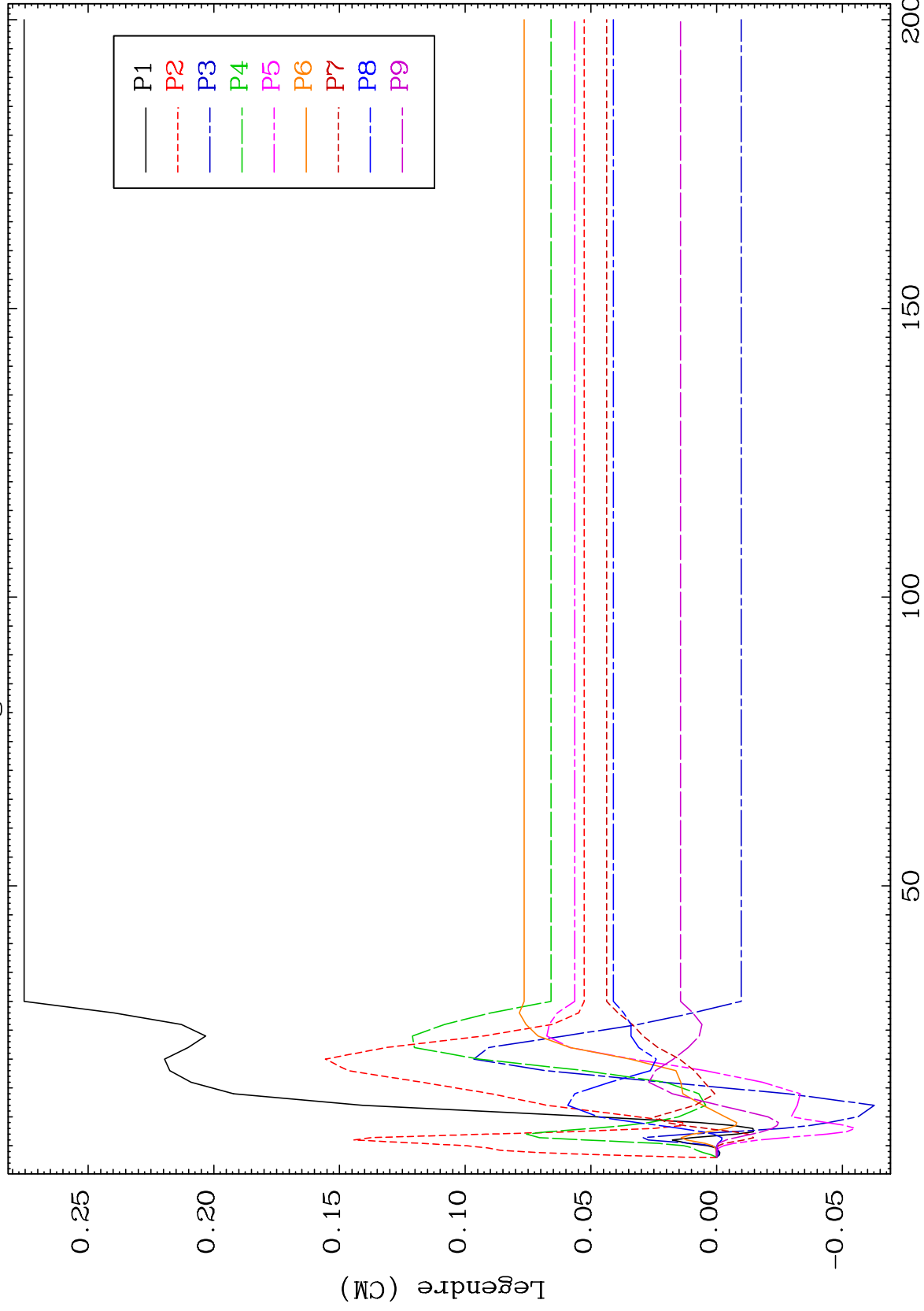
106

56-Ba-144

MAT 5667

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

56-Ba-144



107

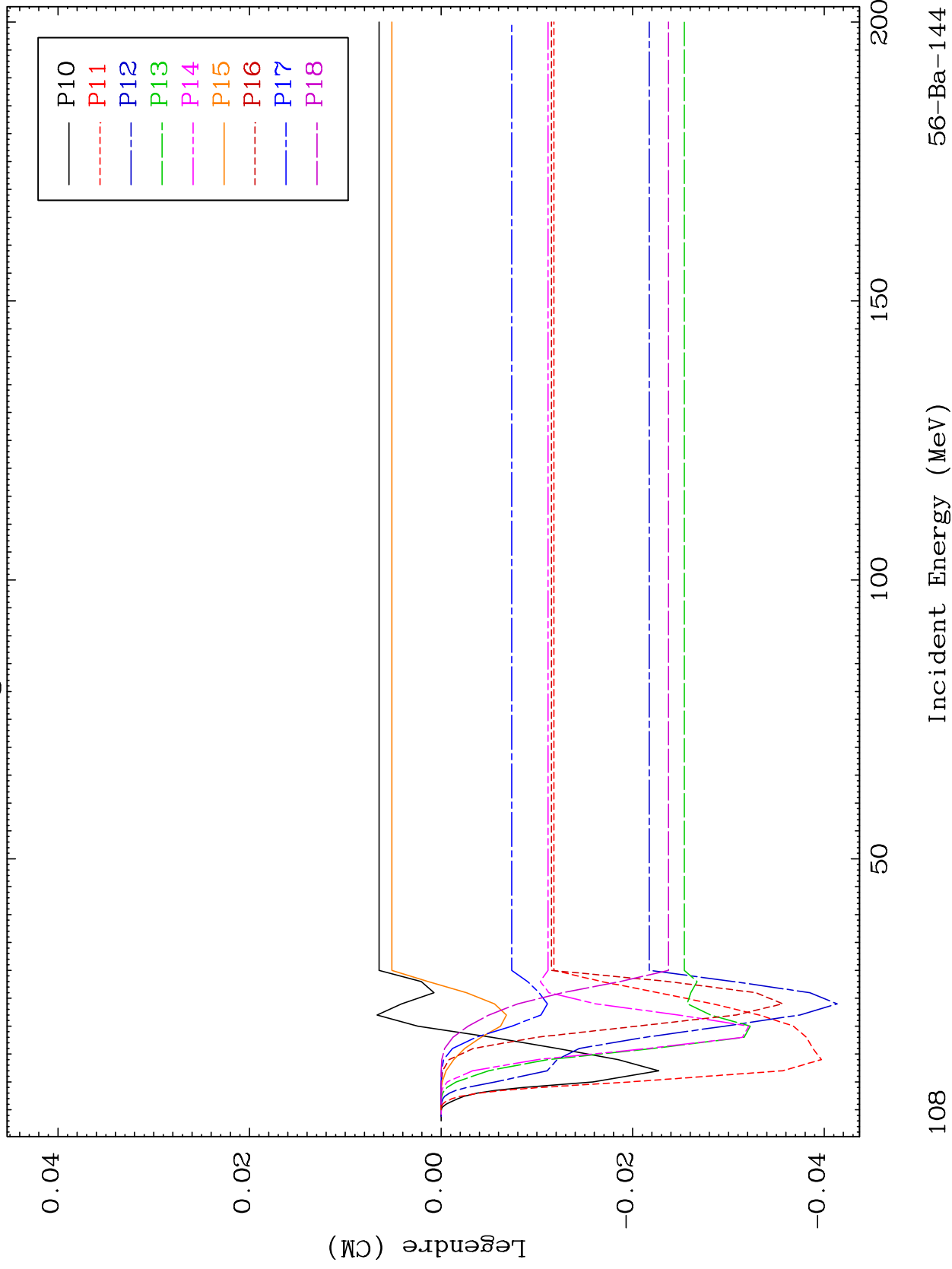
Incident Energy (MeV)

56-Ba-144

MAT 5667

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

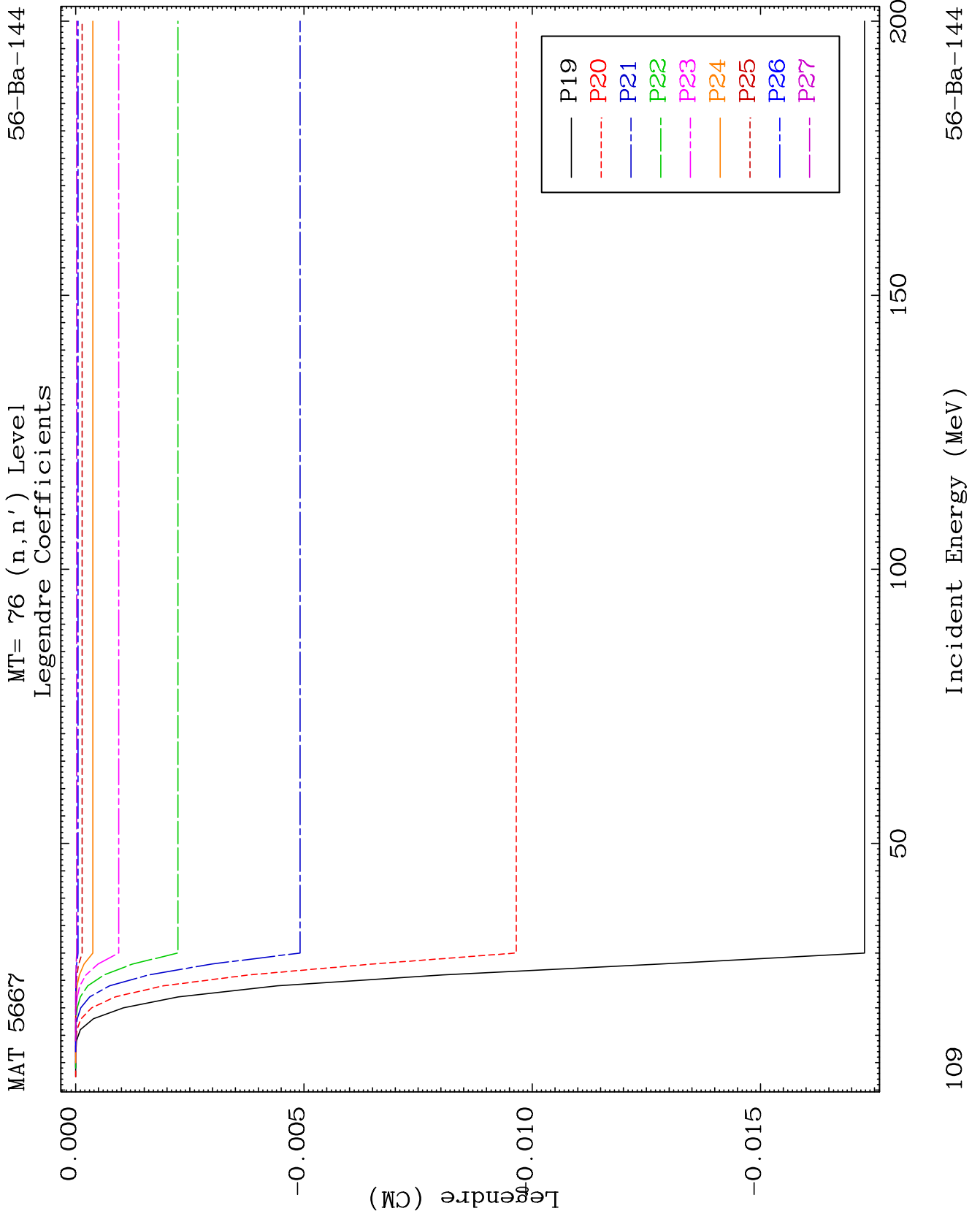
56-Ba-144

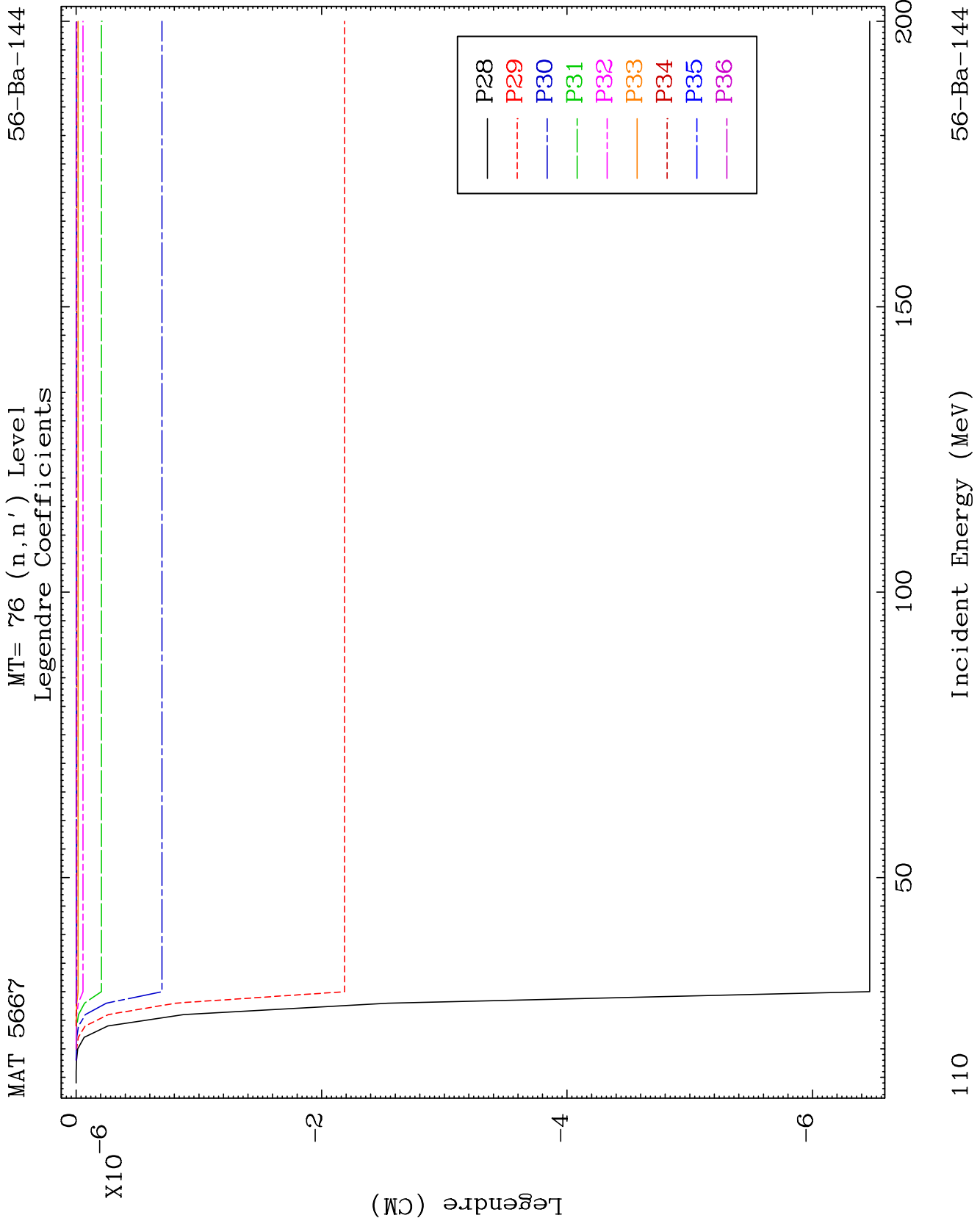


108

Incident Energy (MeV)

56-Ba-144

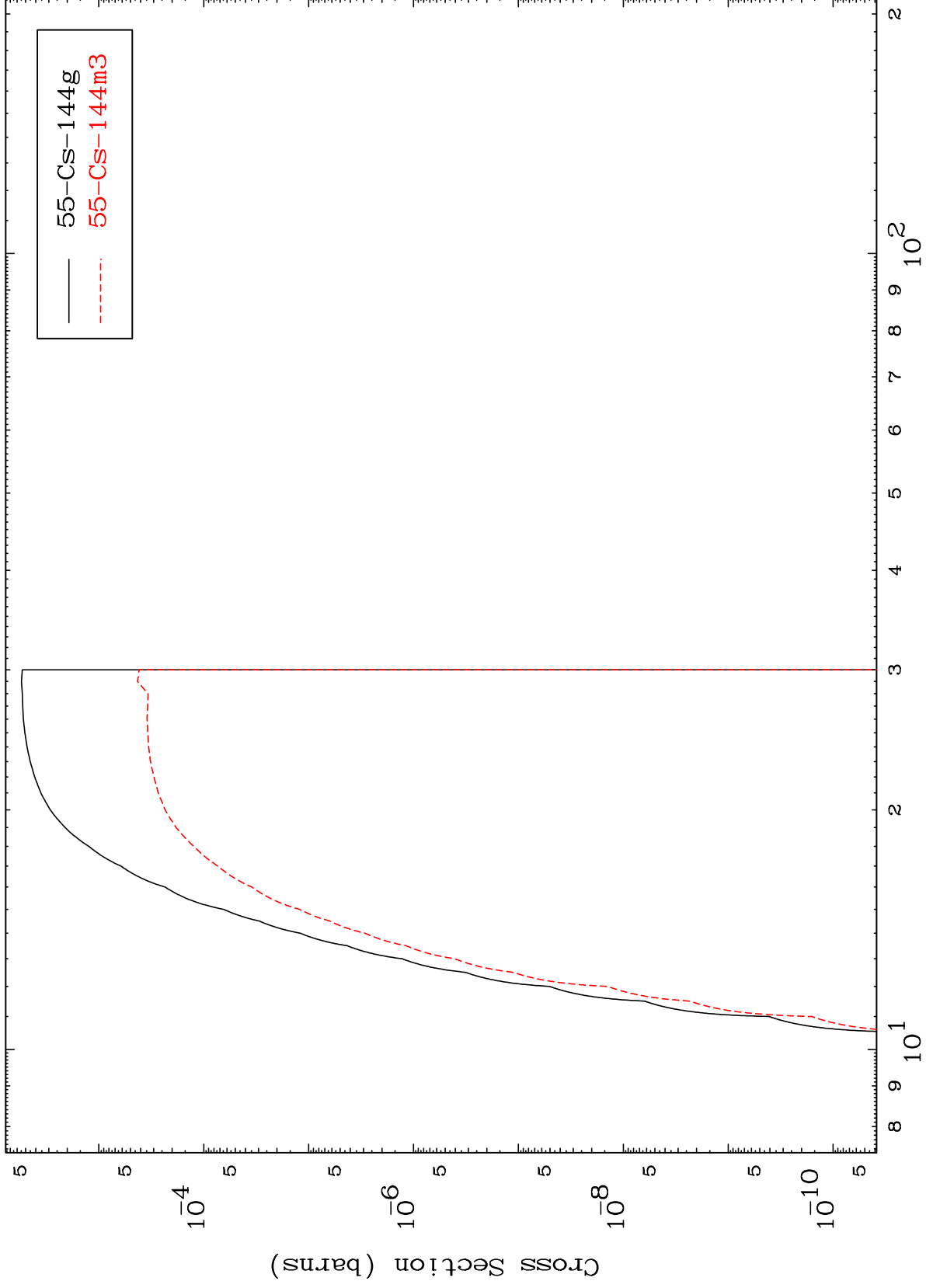




MAT 5667

56-Ba-144

(n,p)
Radionuclide Production Cross Section



111

Incident Energy (MeV)

56-Ba-144