

Program EVALPLOT
(Version 2017-1)

by

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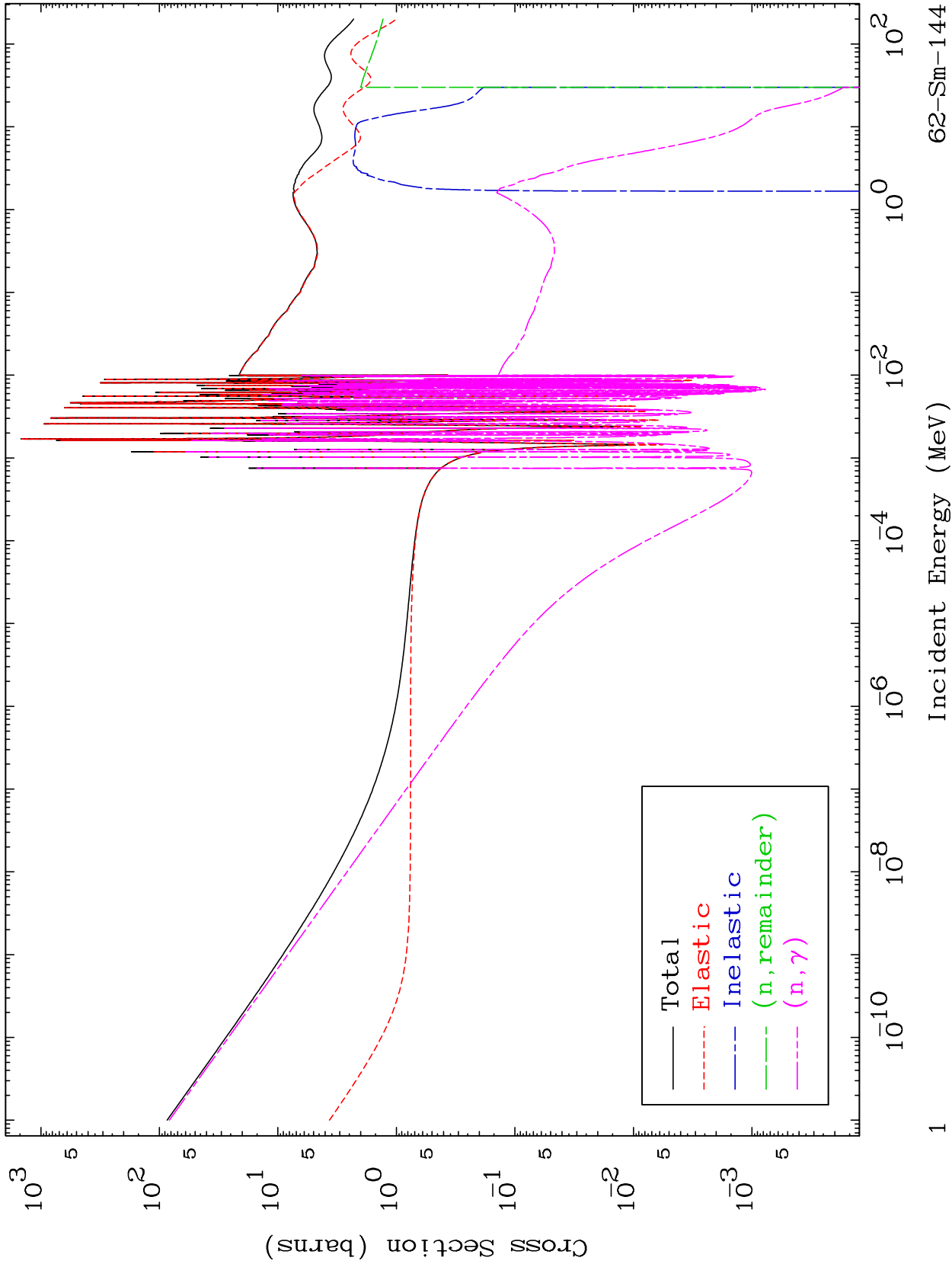
Press Mouse Button to Start

MAT 6225

Major

293 Kelvin Cross Sections

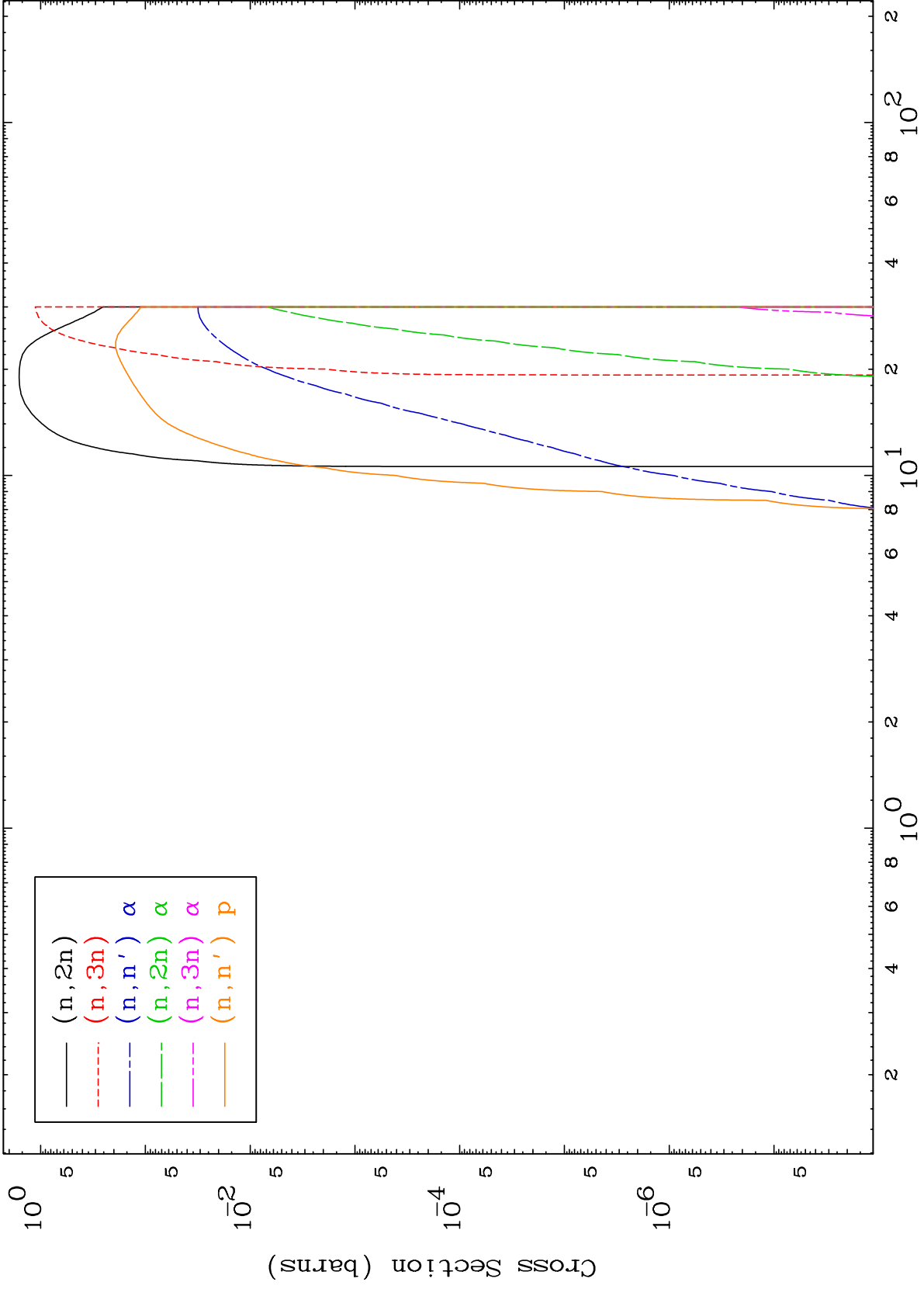
62-Sm-144



MAT 6225

Neutron Production
293 Kelvin Cross Sections

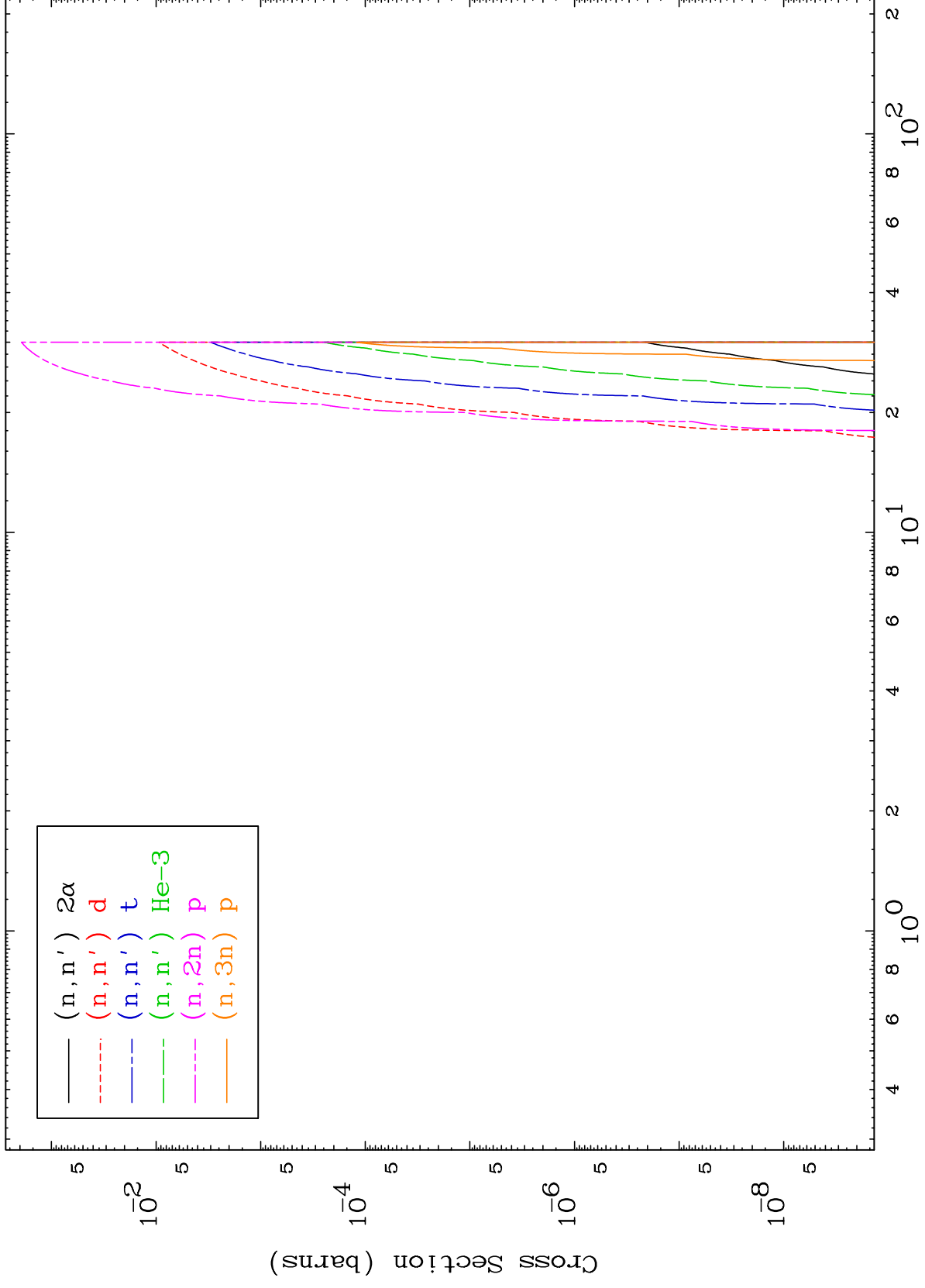
62-Sm-144



MAT 6225

Neutron Production
293 Kelvin Cross Sections

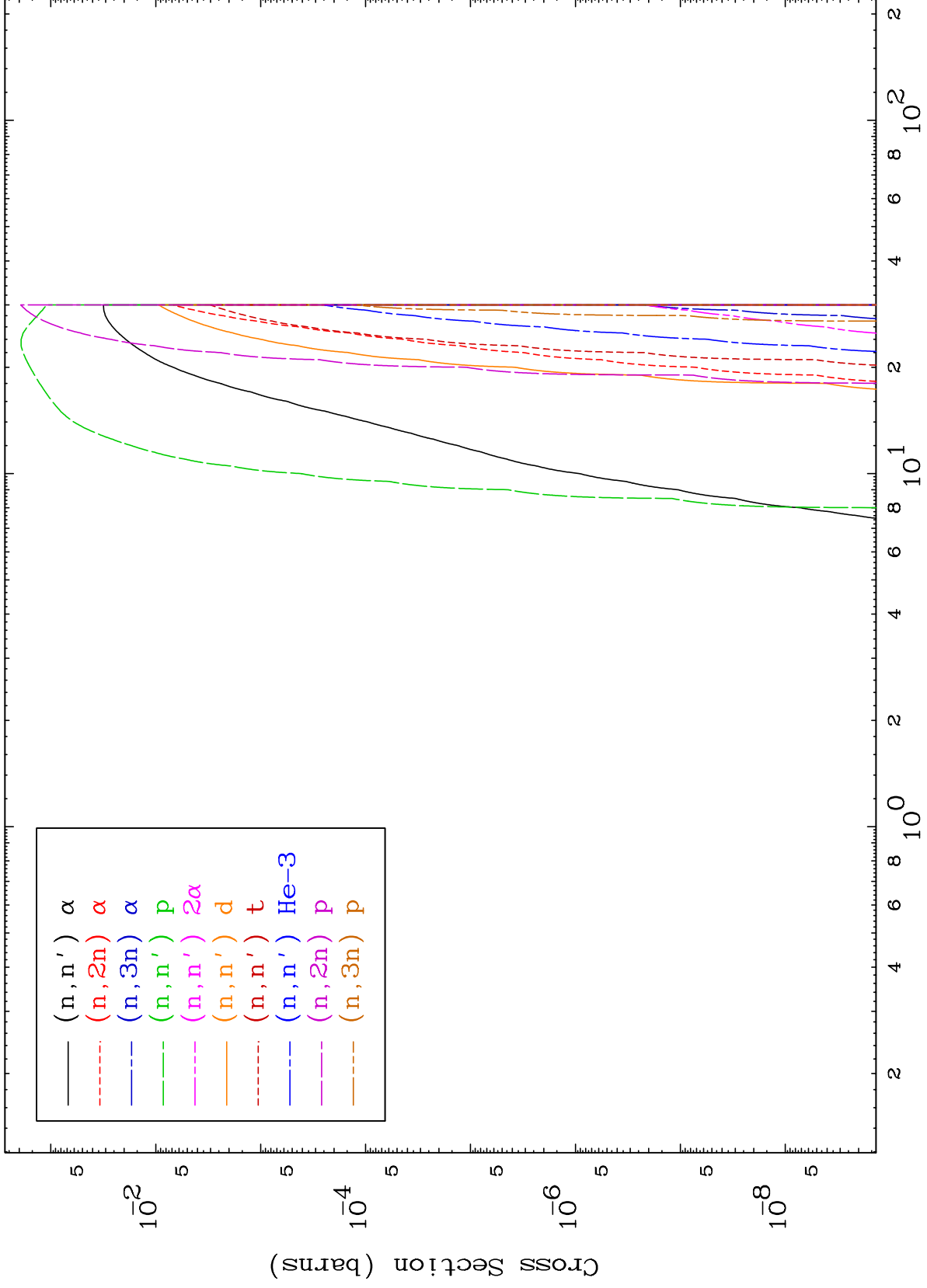
62-Sm-144



MAT 6225

Charged Particle
293 Kelvin Cross Sections

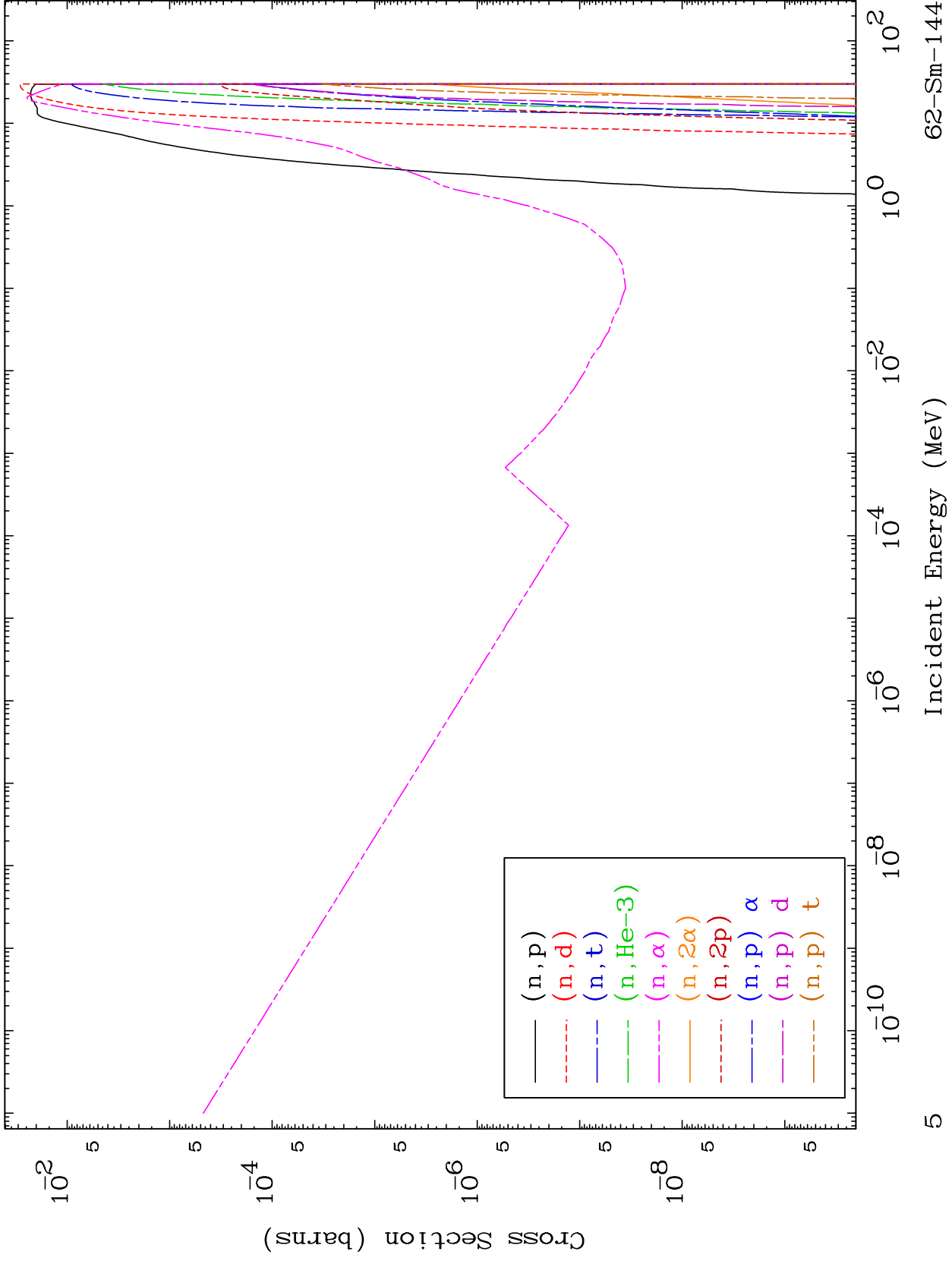
62-Sm-144

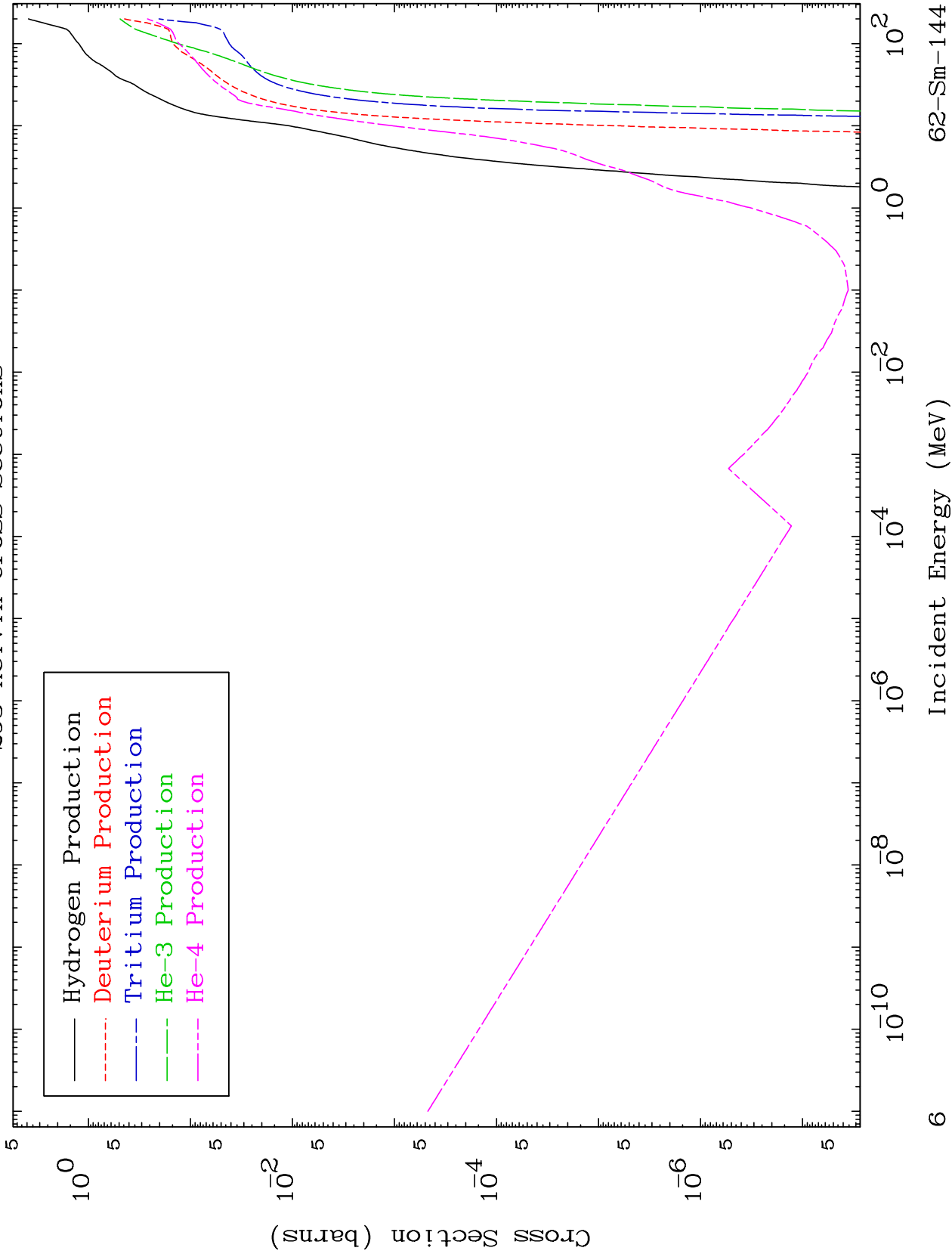


MAT 6225

Charged Particle
293 Kelvin Cross Sections

62-Sm-144



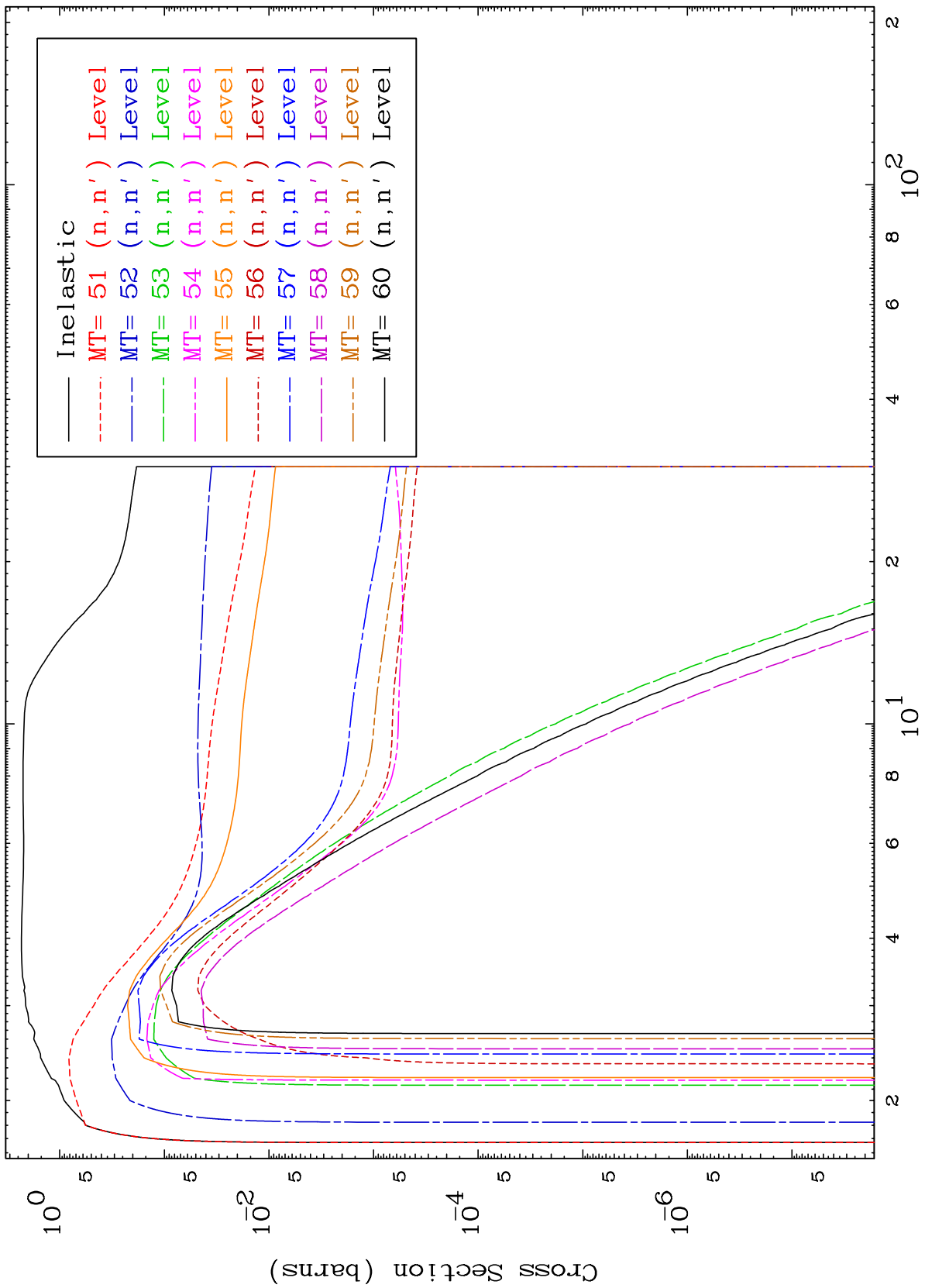


MAT 6225

(n,n') Level

62-Sm-144

293 Kelvin Cross Sections

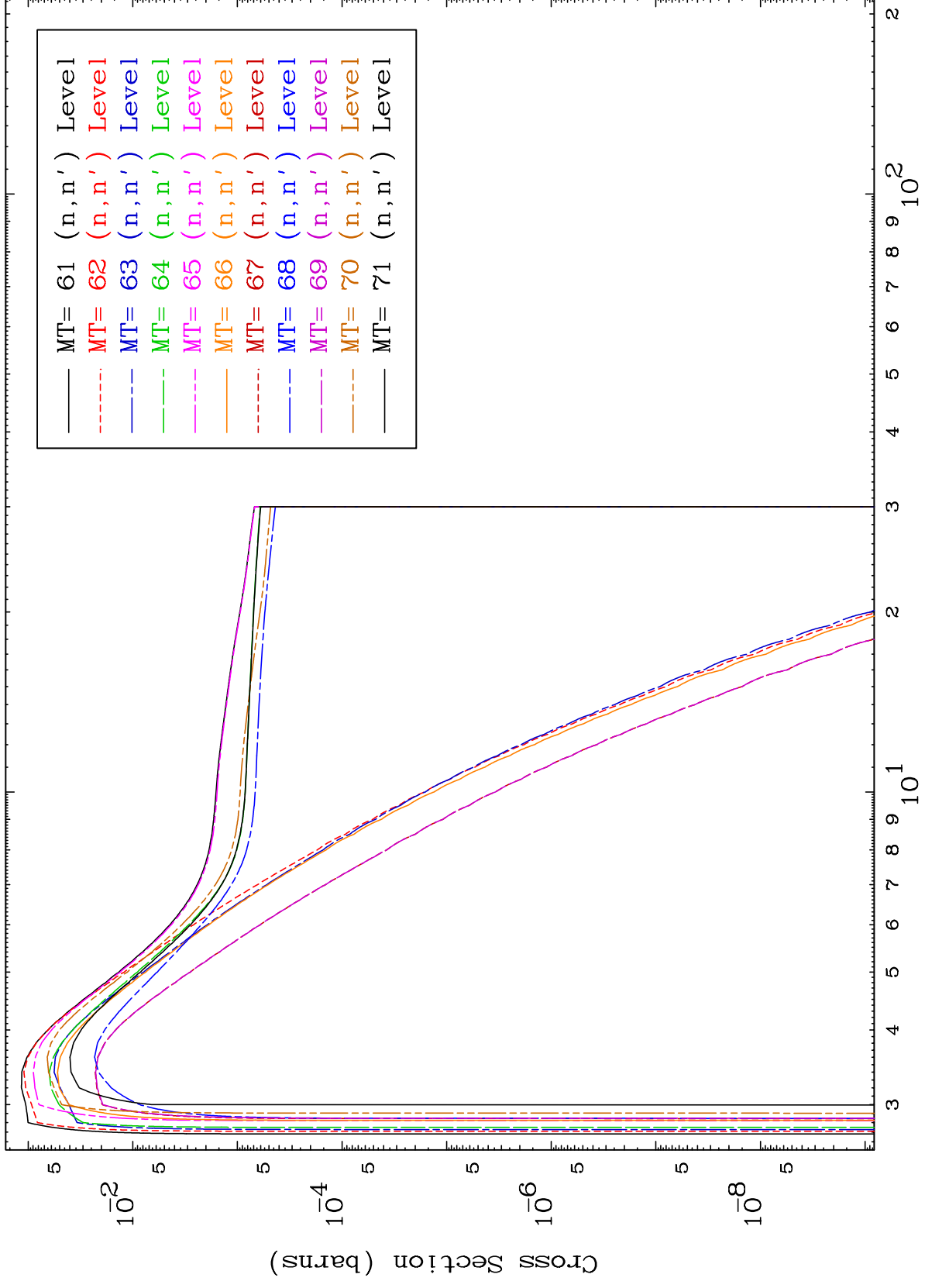


MAT 6225

(n,n') Level

62-Sm-144

293 Kelvin Cross Sections

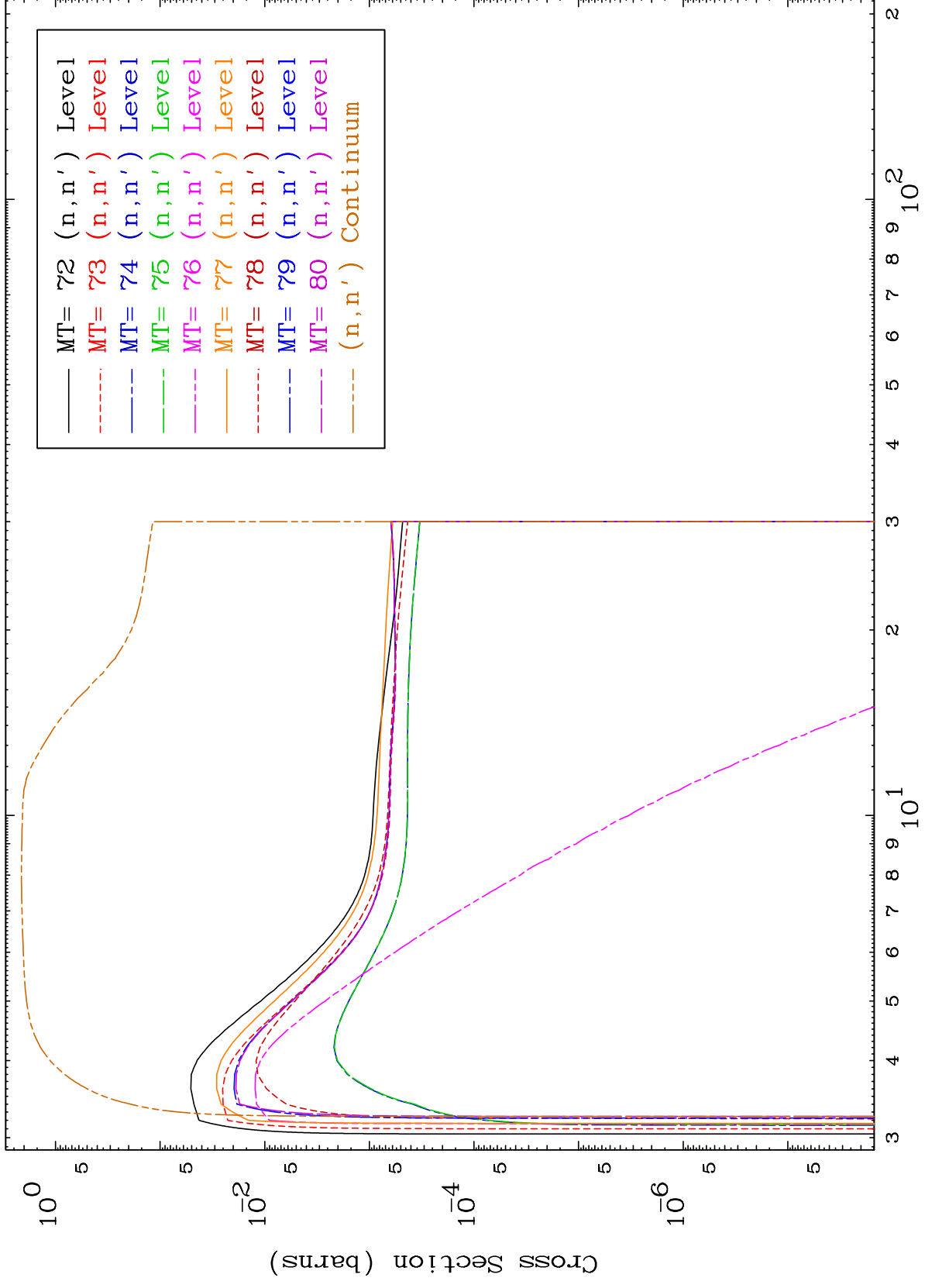


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Incident Energy (MeV)

62-Sm-144

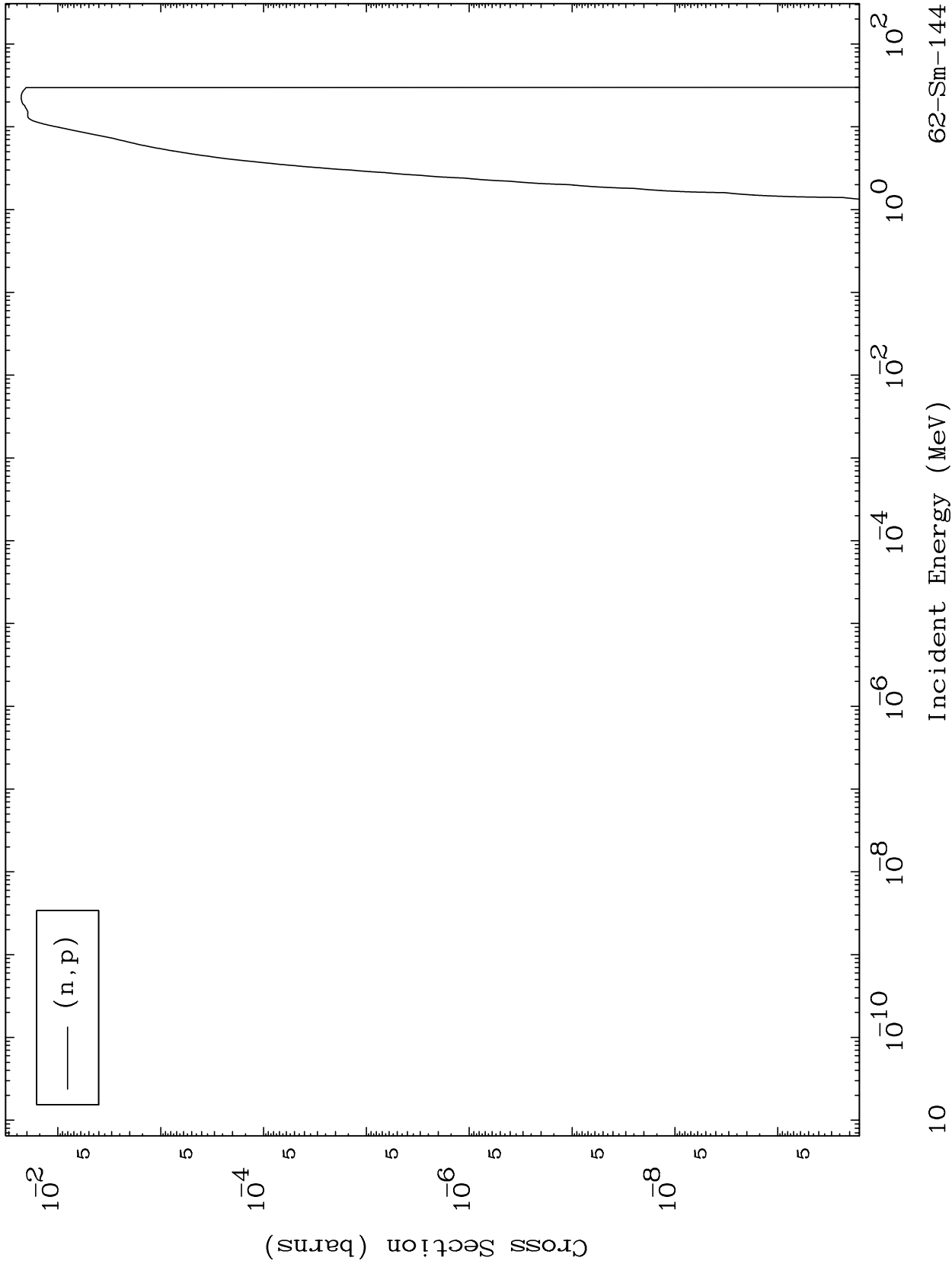
293 Kelvin Cross Sections



MAT 6225

(n,p) Levels
293 Kelvin Cross Sections

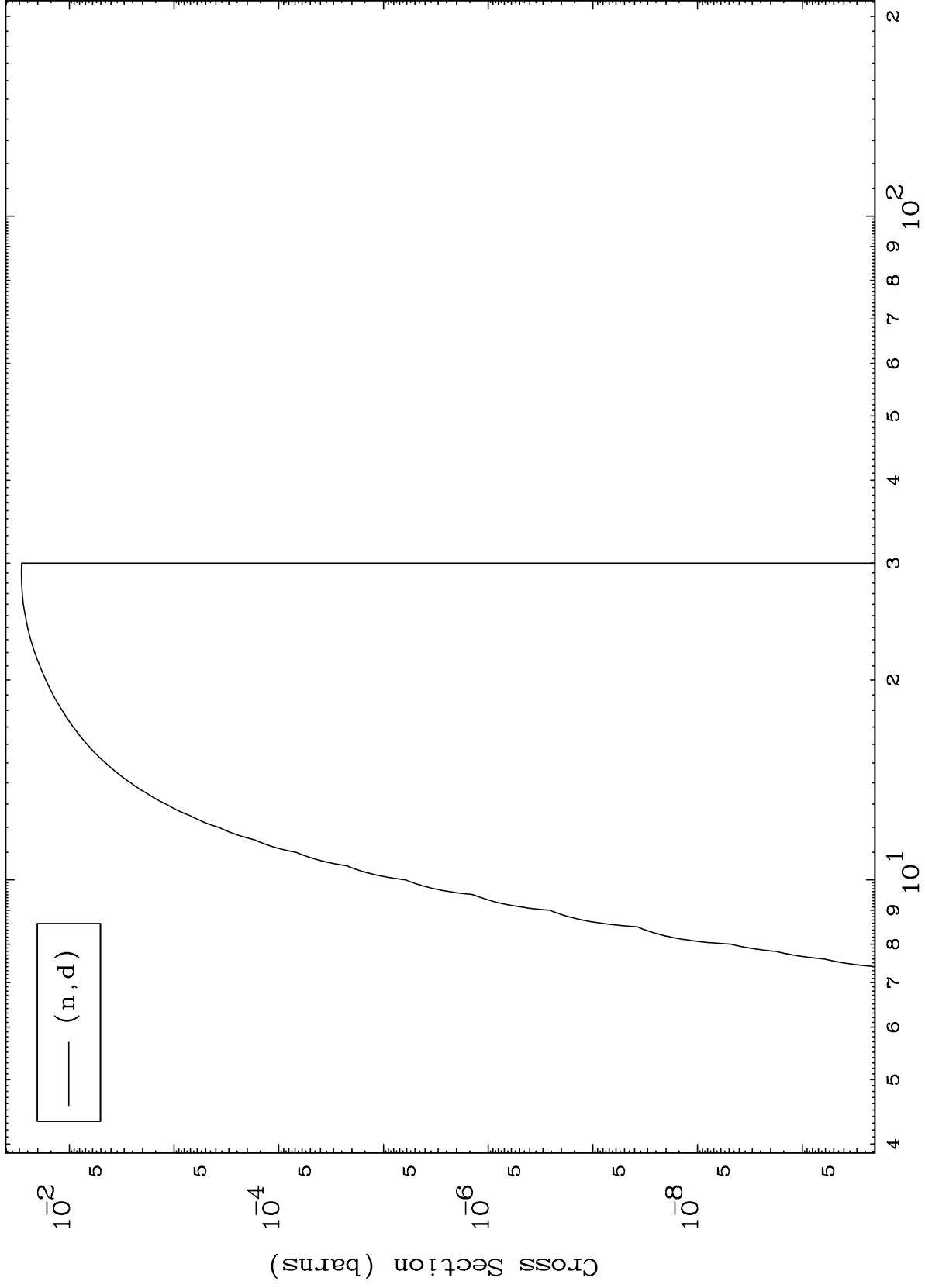
62-Sm-144



MAT 6225

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-144



11

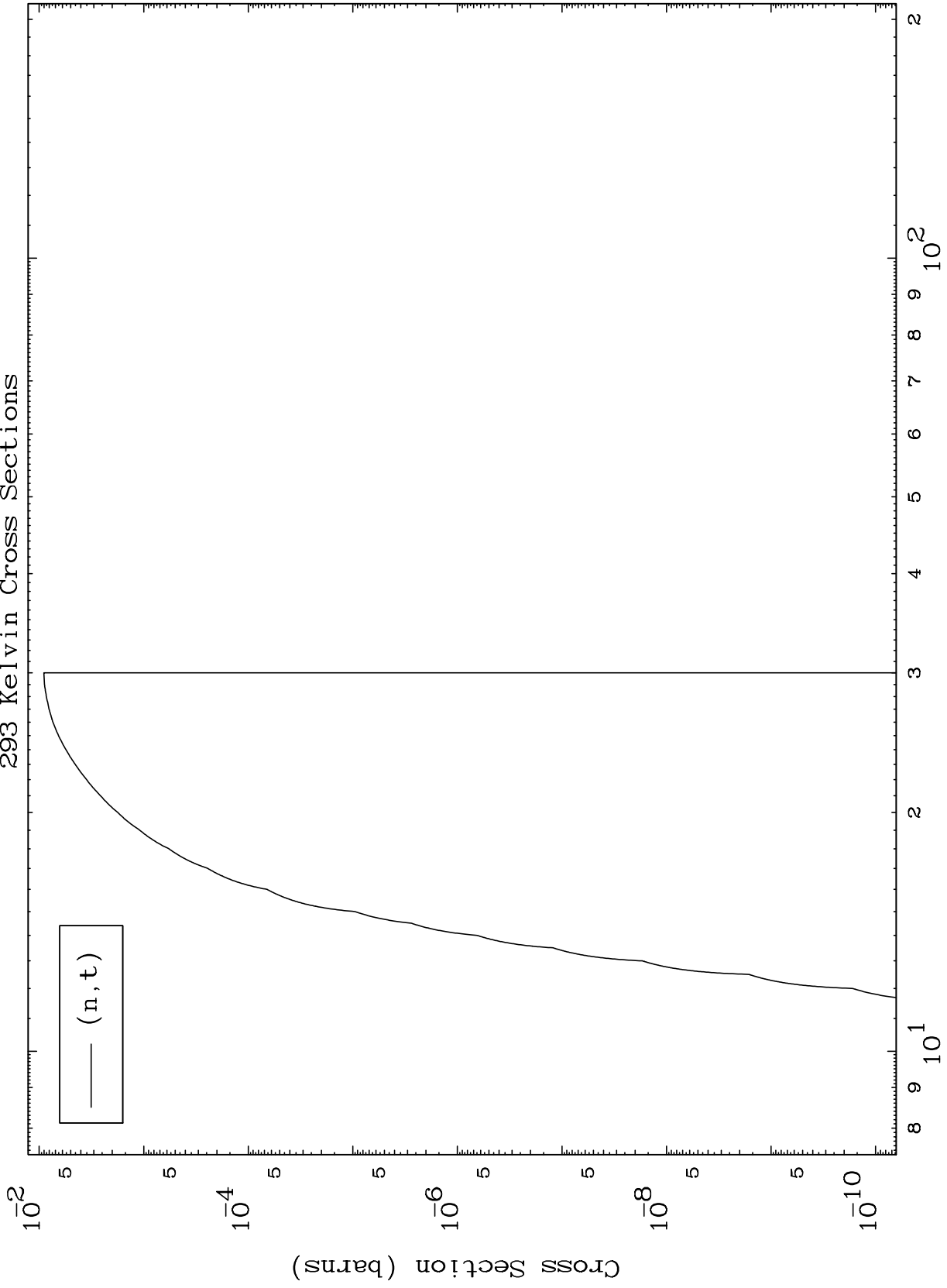
Incident Energy (MeV)

62-Sm-144

MAT 6225

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-144



12

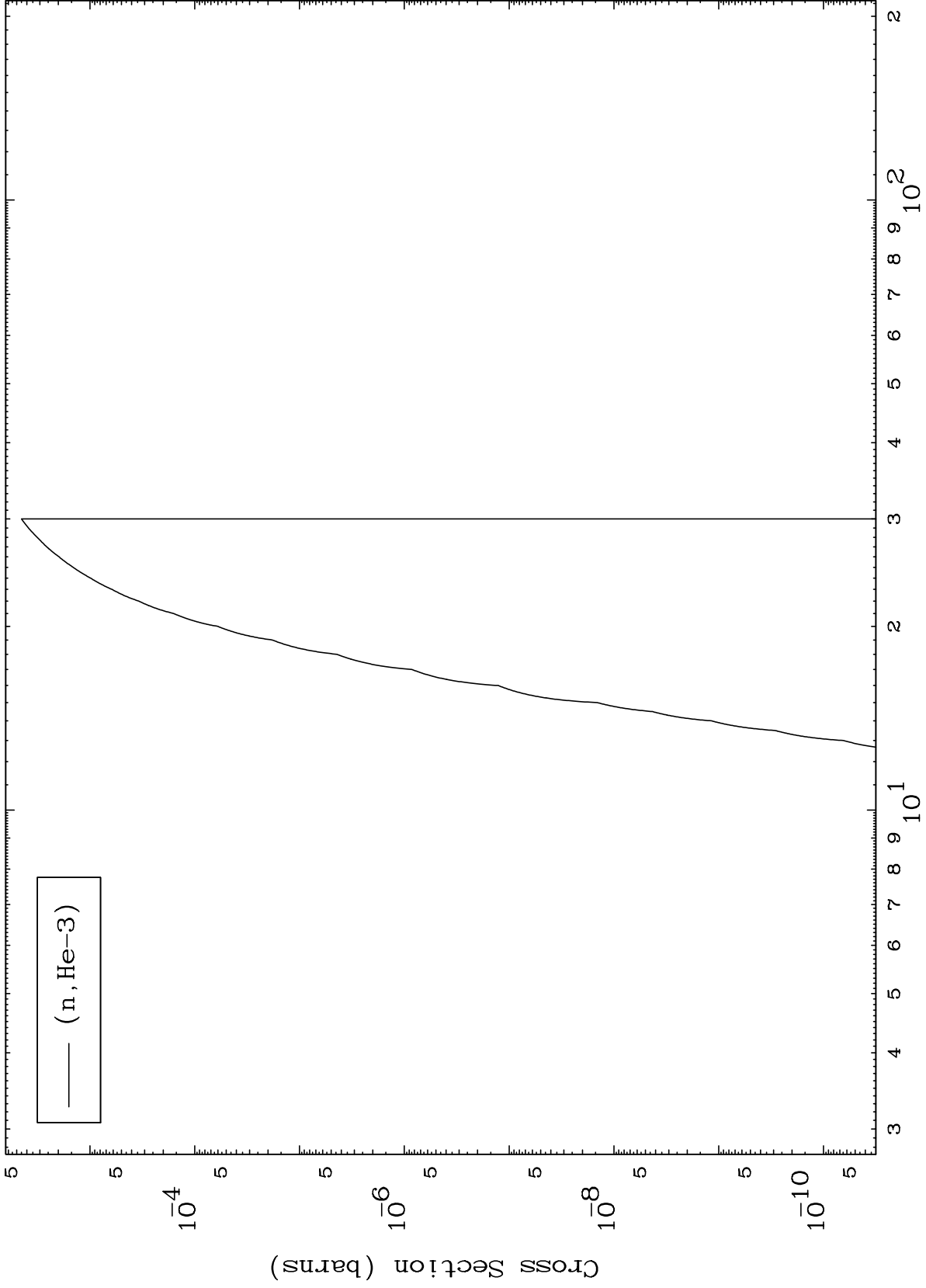
Incident Energy (MeV)

62-Sm-144

MAT 6225

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-144



13

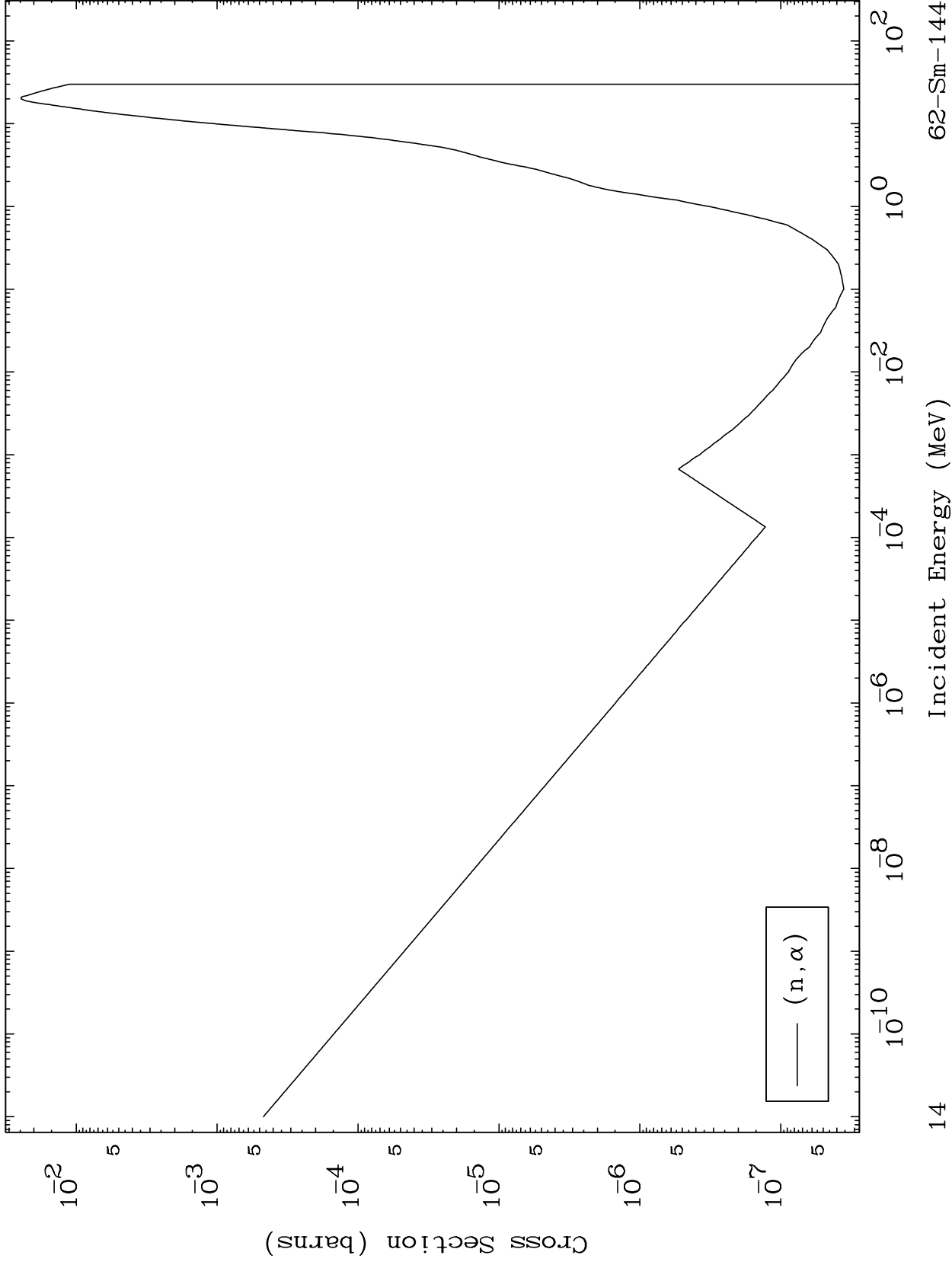
Incident Energy (MeV)

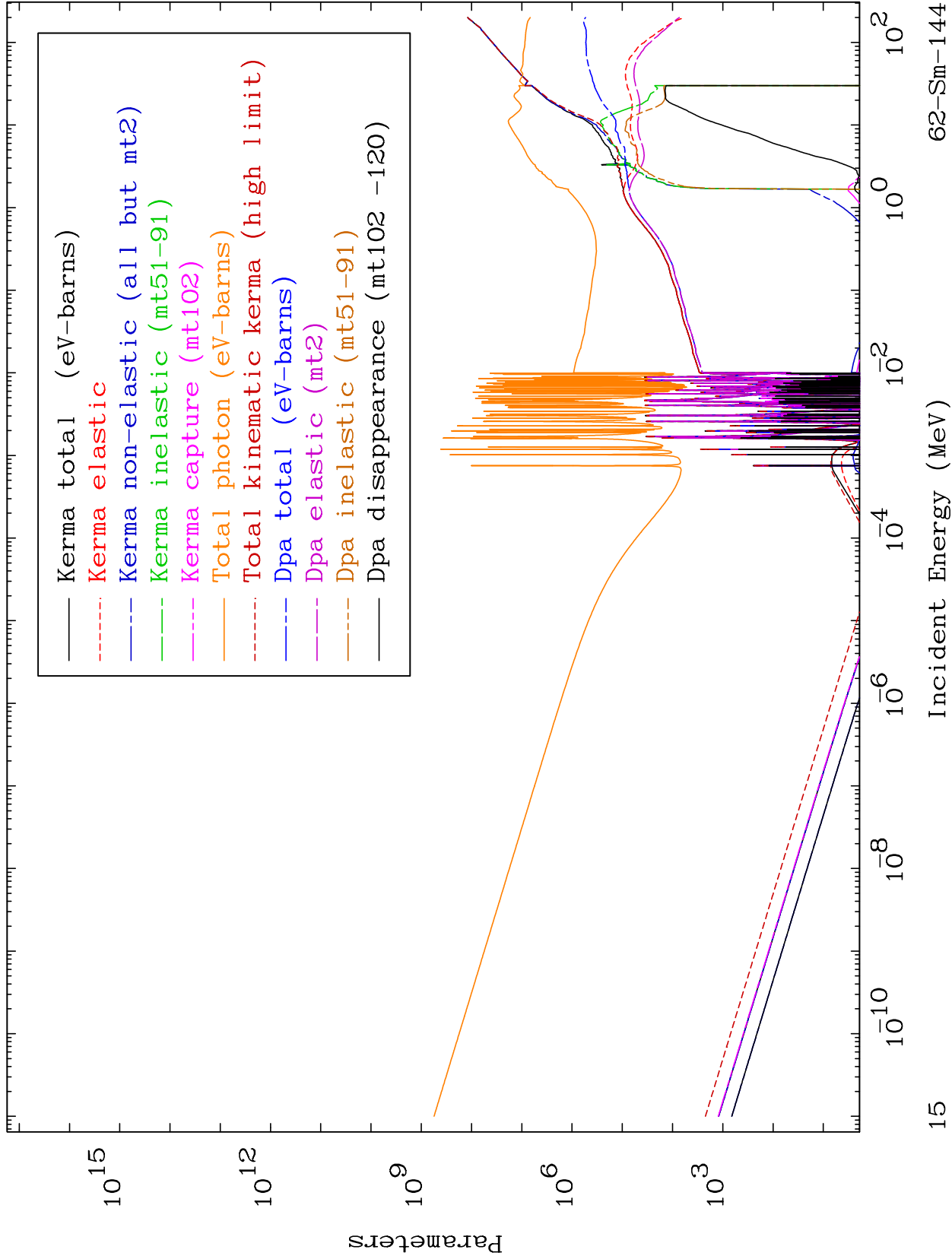
62-Sm-144

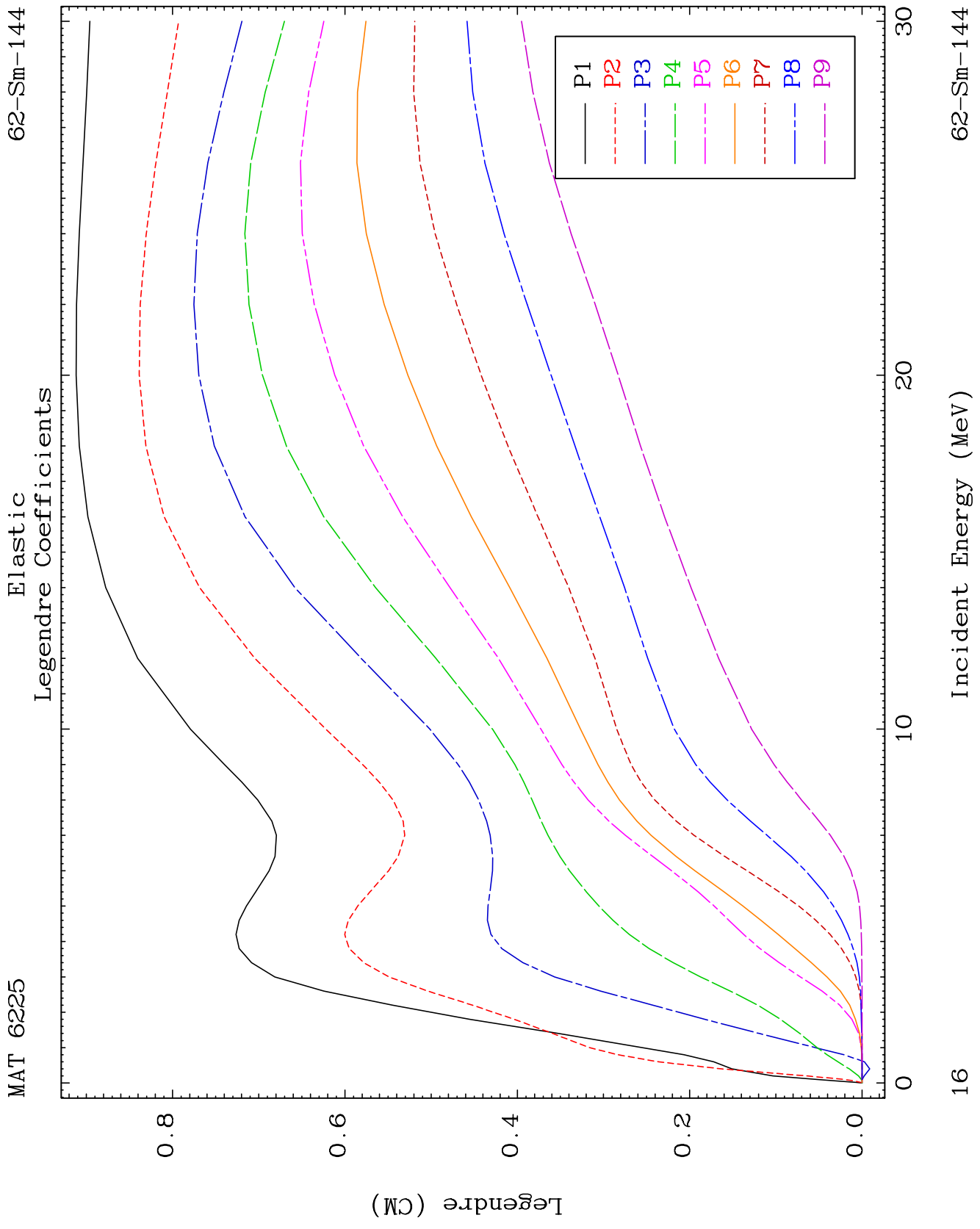
MAT 6225

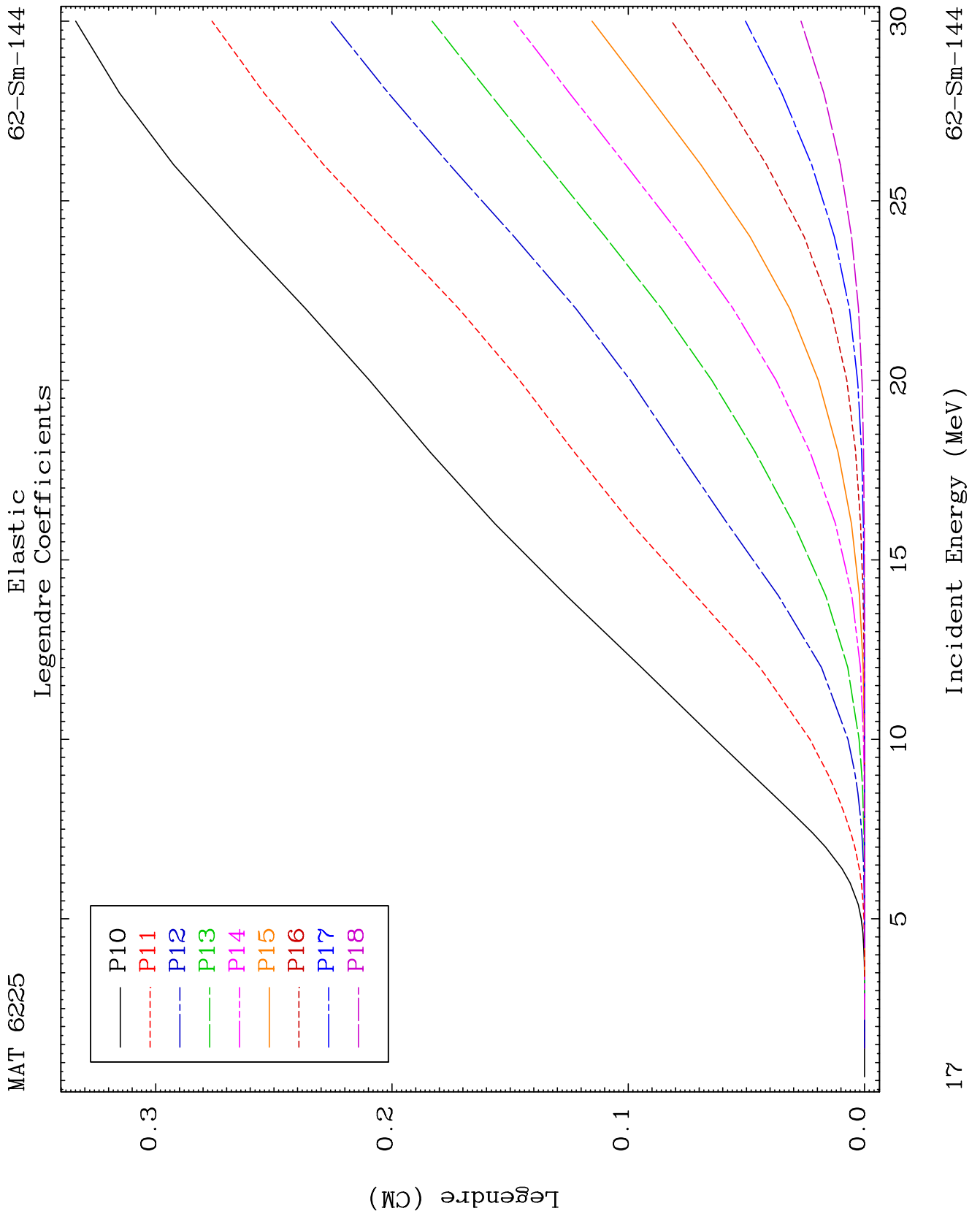
(n, α) Levels
293 Kelvin Cross Sections

62-Sm-144





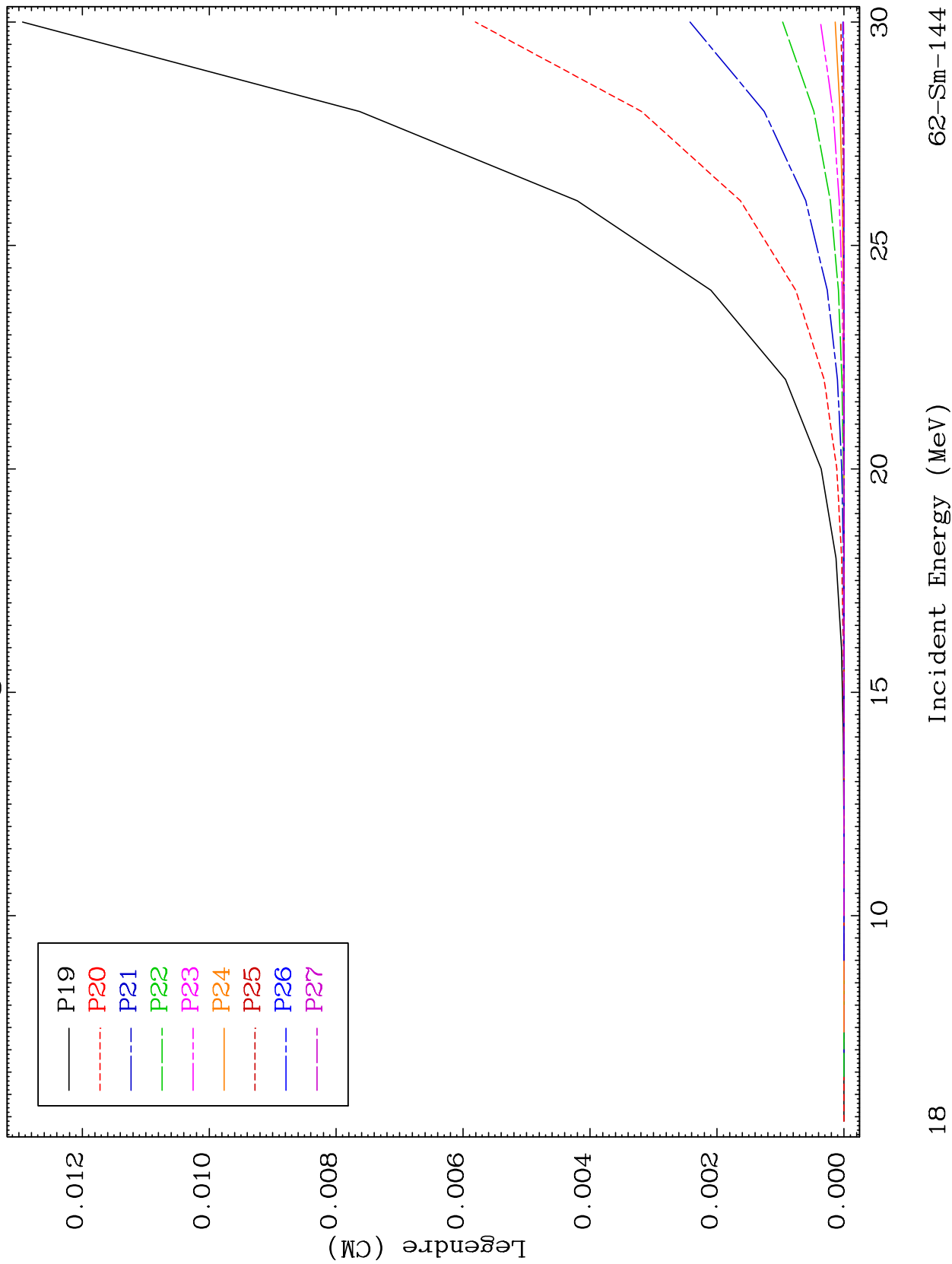




MAT 6225

Elastic Legendre Coefficients

62-Sm-144



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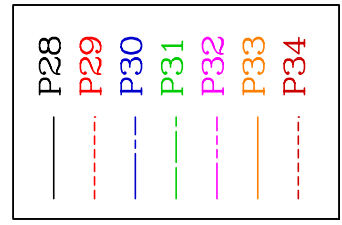
Incident Energy (MeV)

62-Sm-144

MAT 6225

Elastic Legendre Coefficients

62-Sm-144



$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0

10

15

20

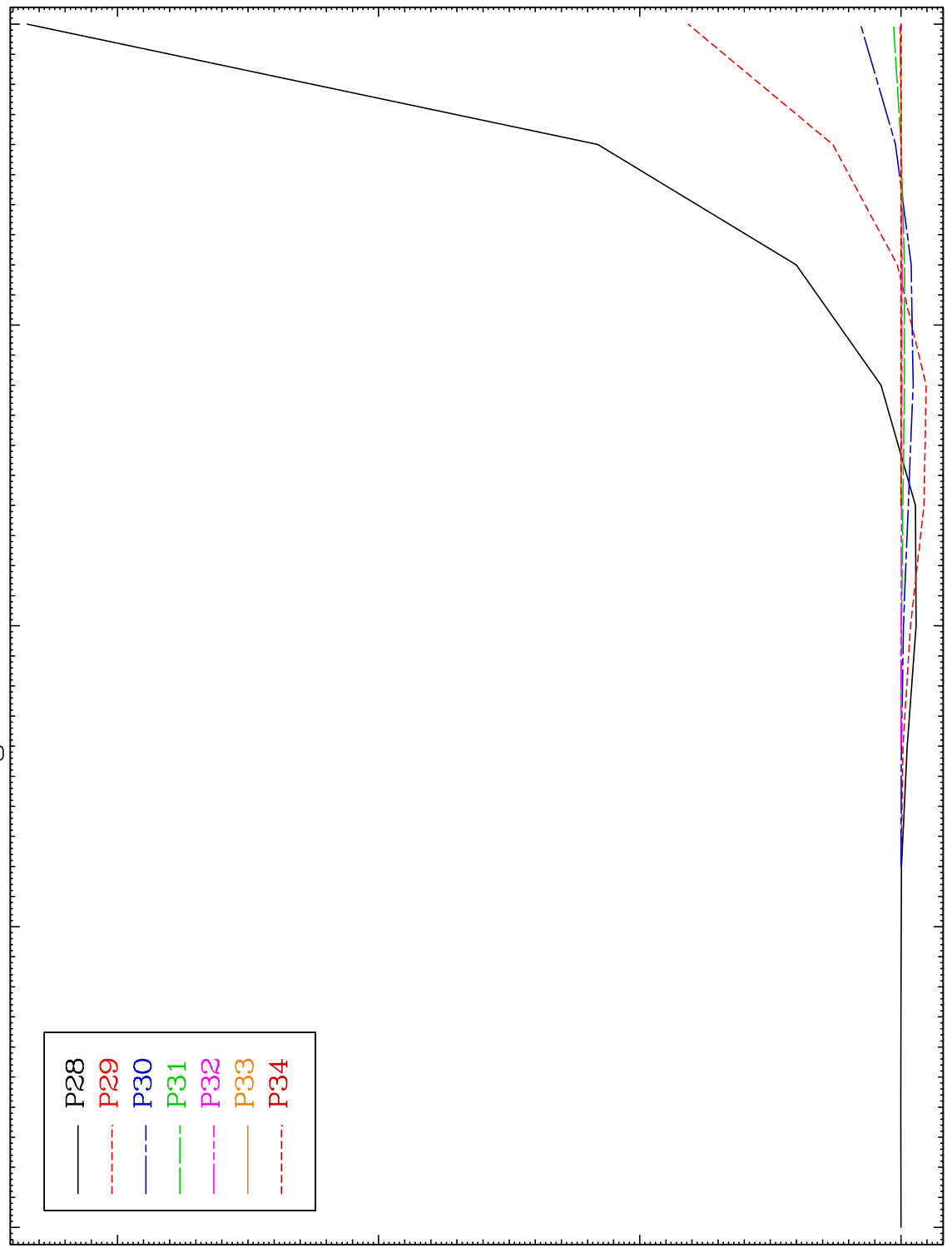
25

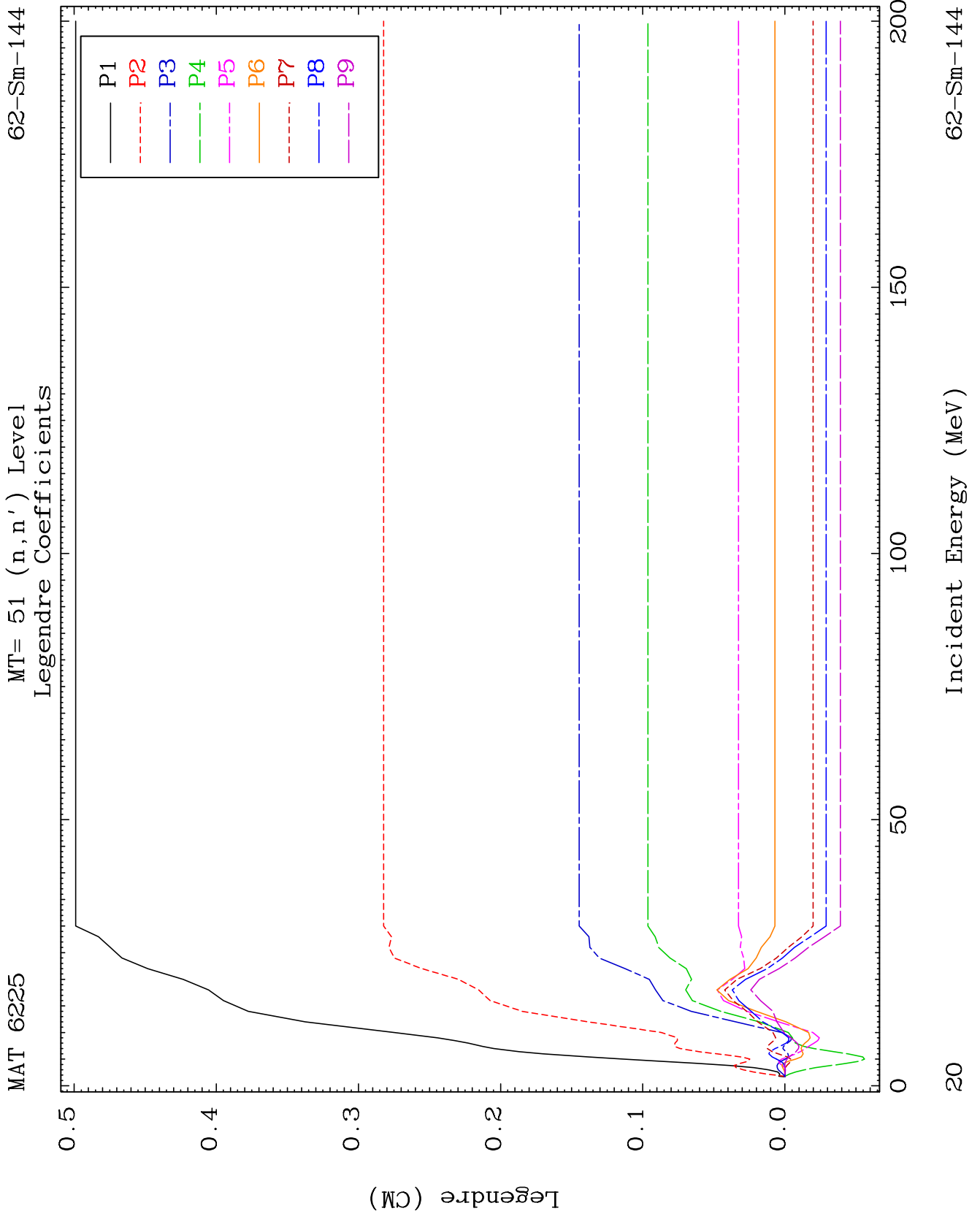
30

19

Incident Energy (MeV)

62-Sm-144

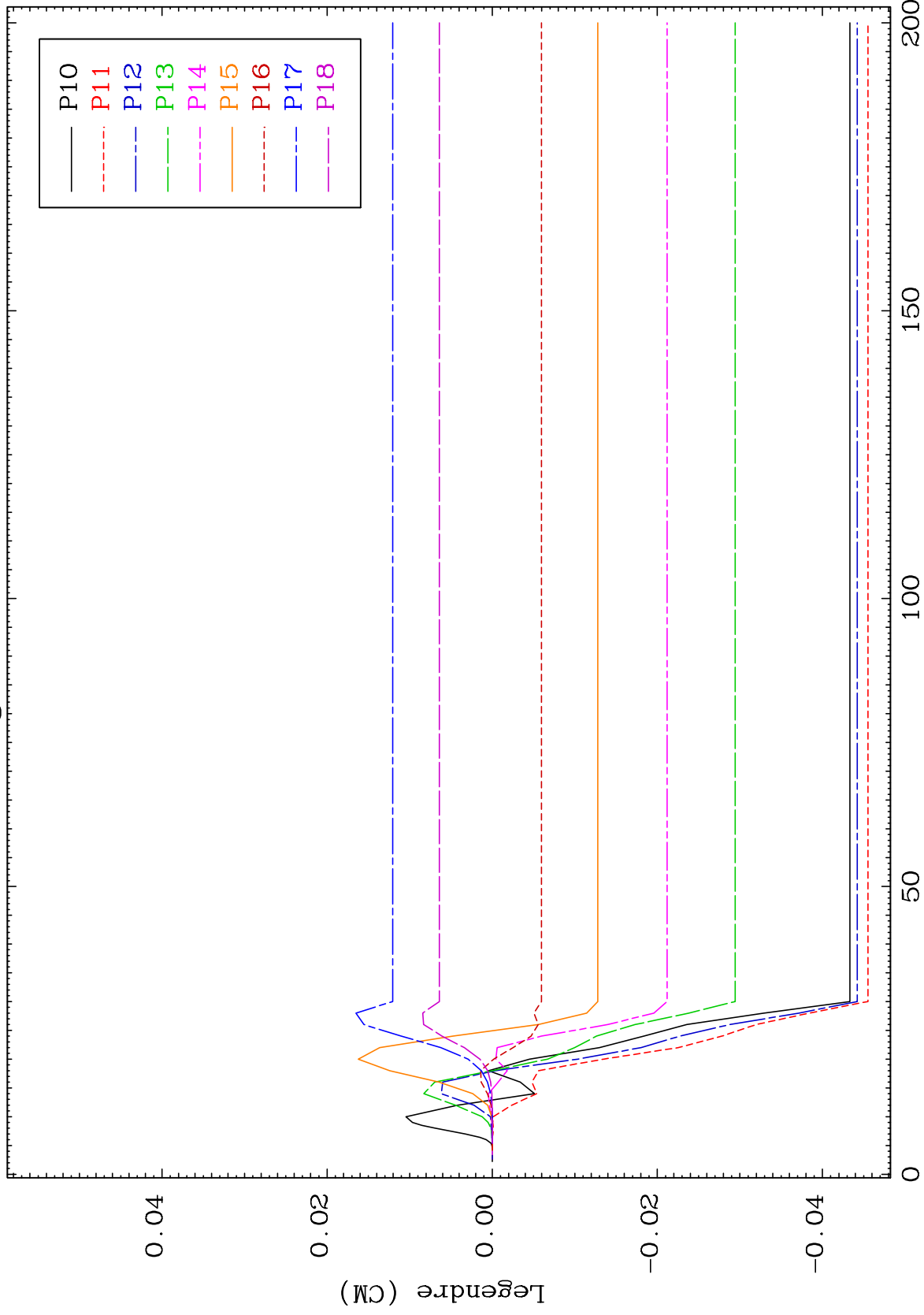




MAT 6225

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

62-Sm-144



21

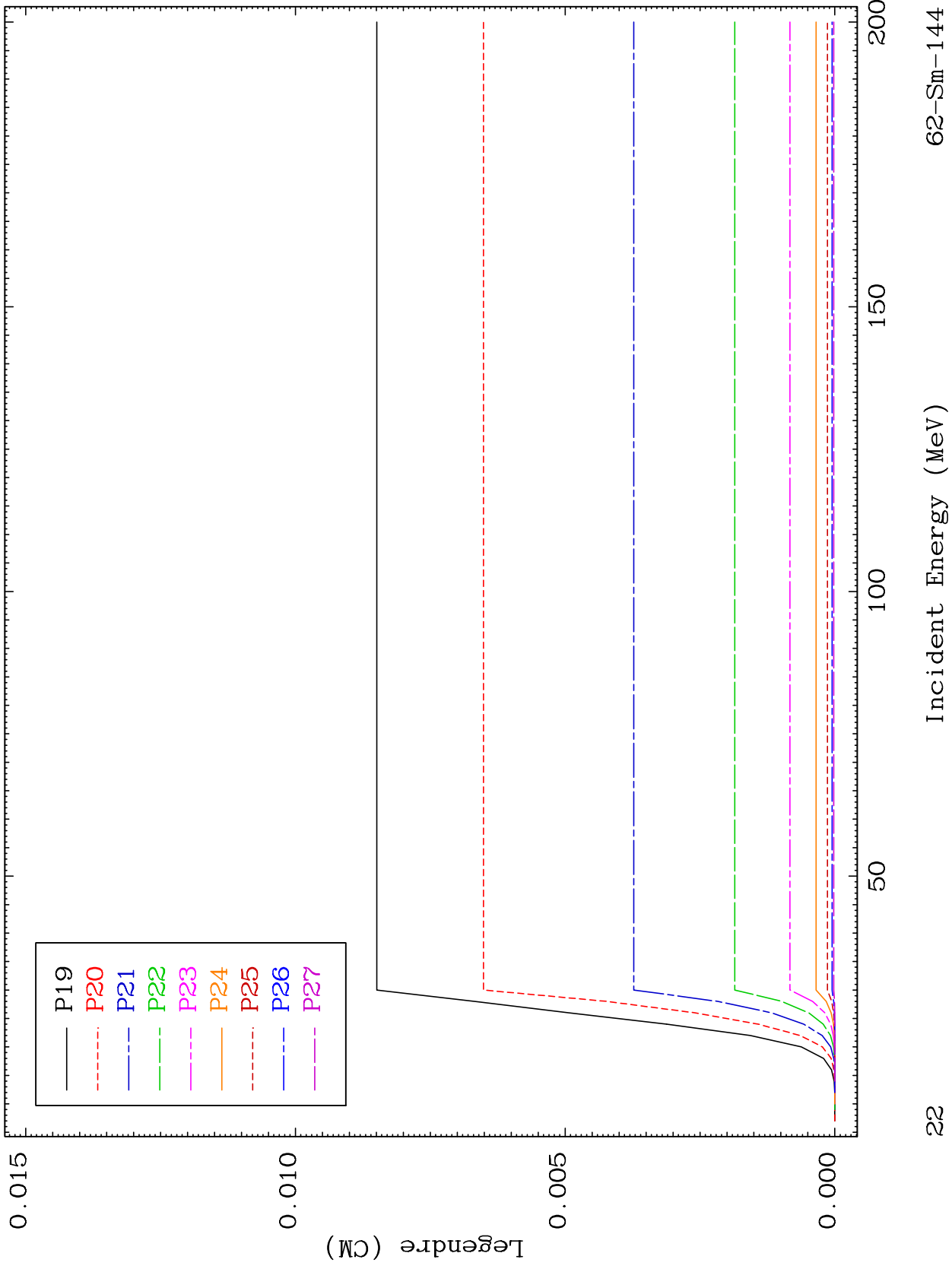
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



22

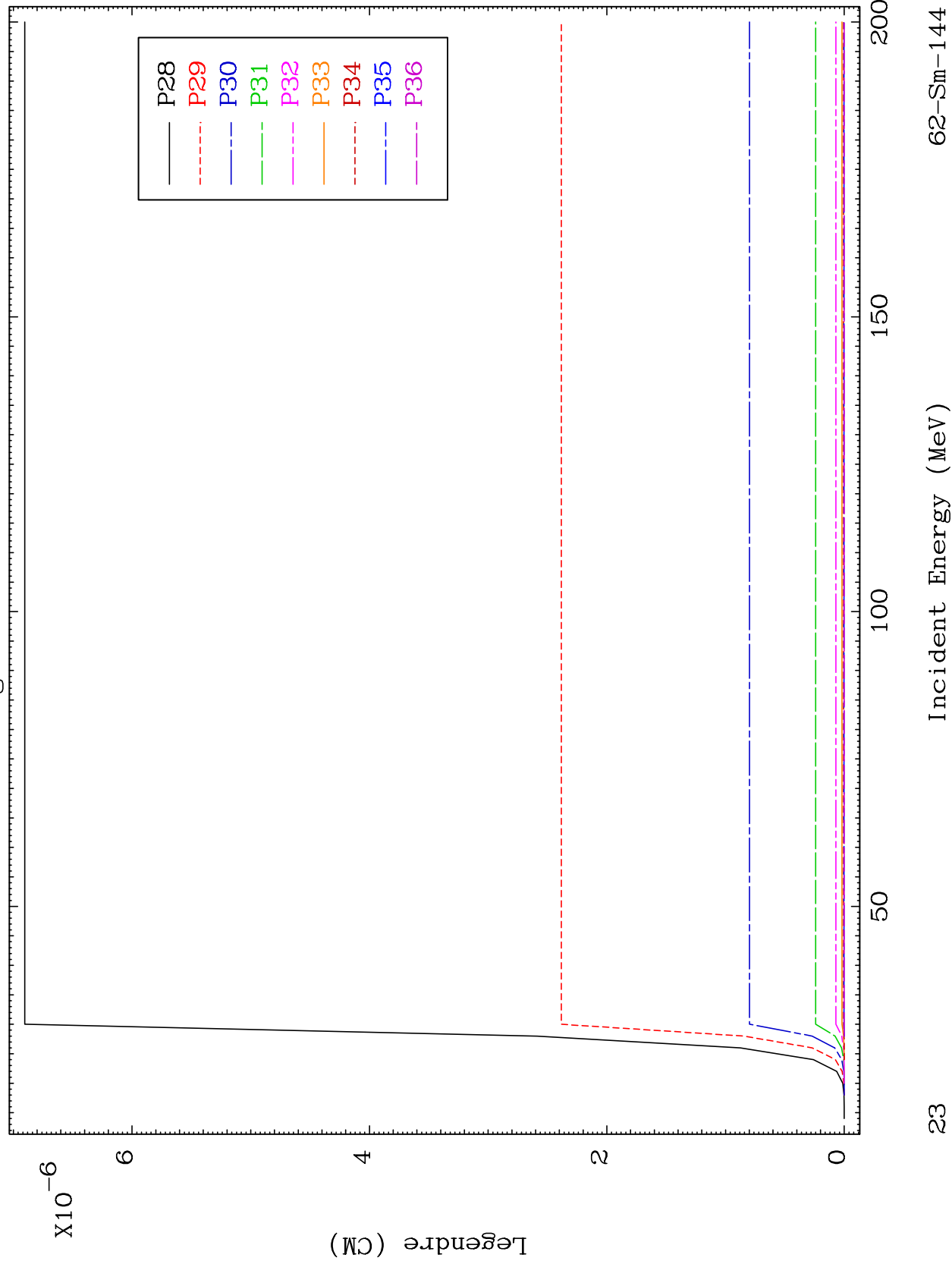
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

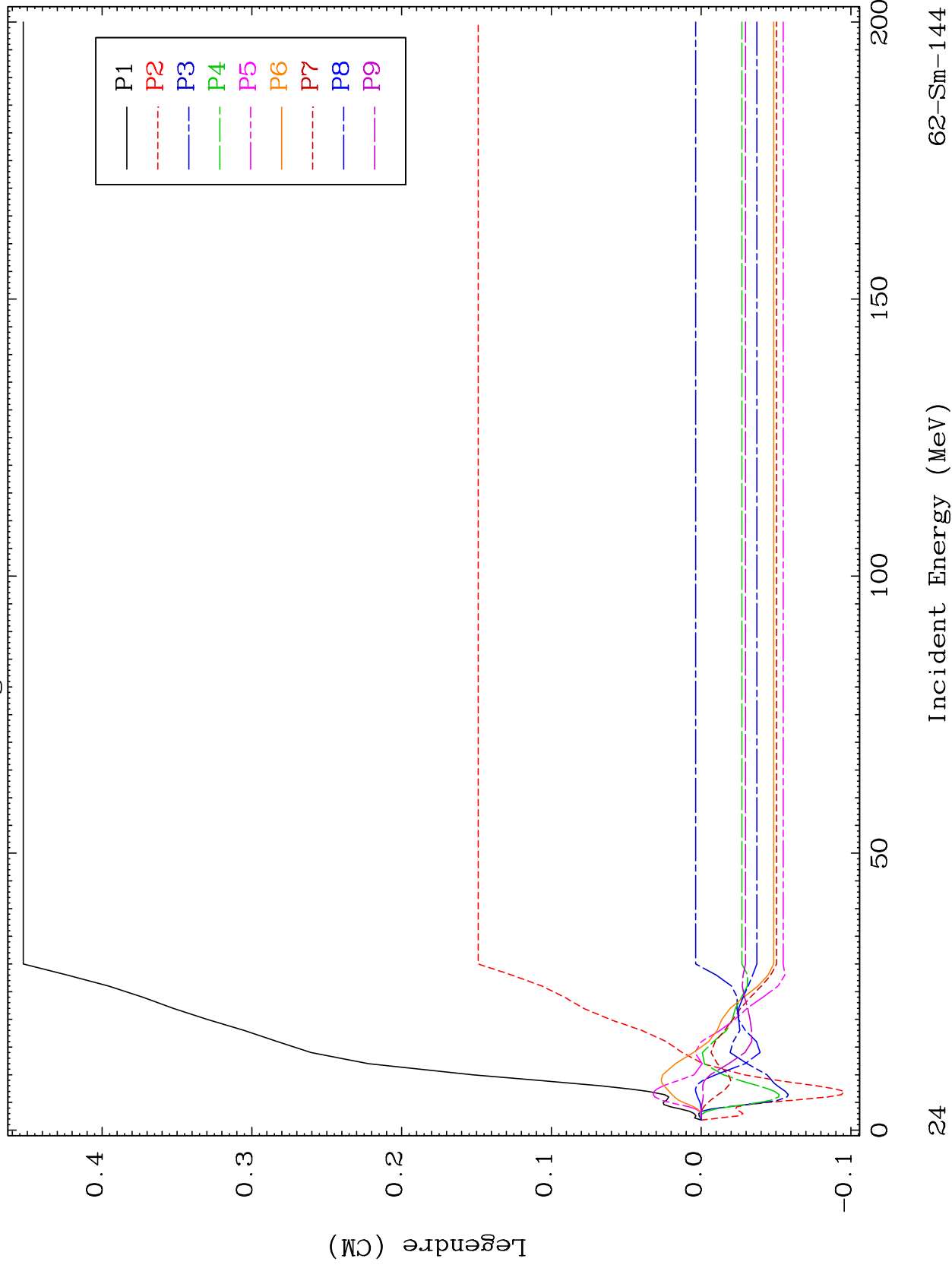
62-Sm-144



MAT 6225

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

62-Sm-144



62-Sm-144

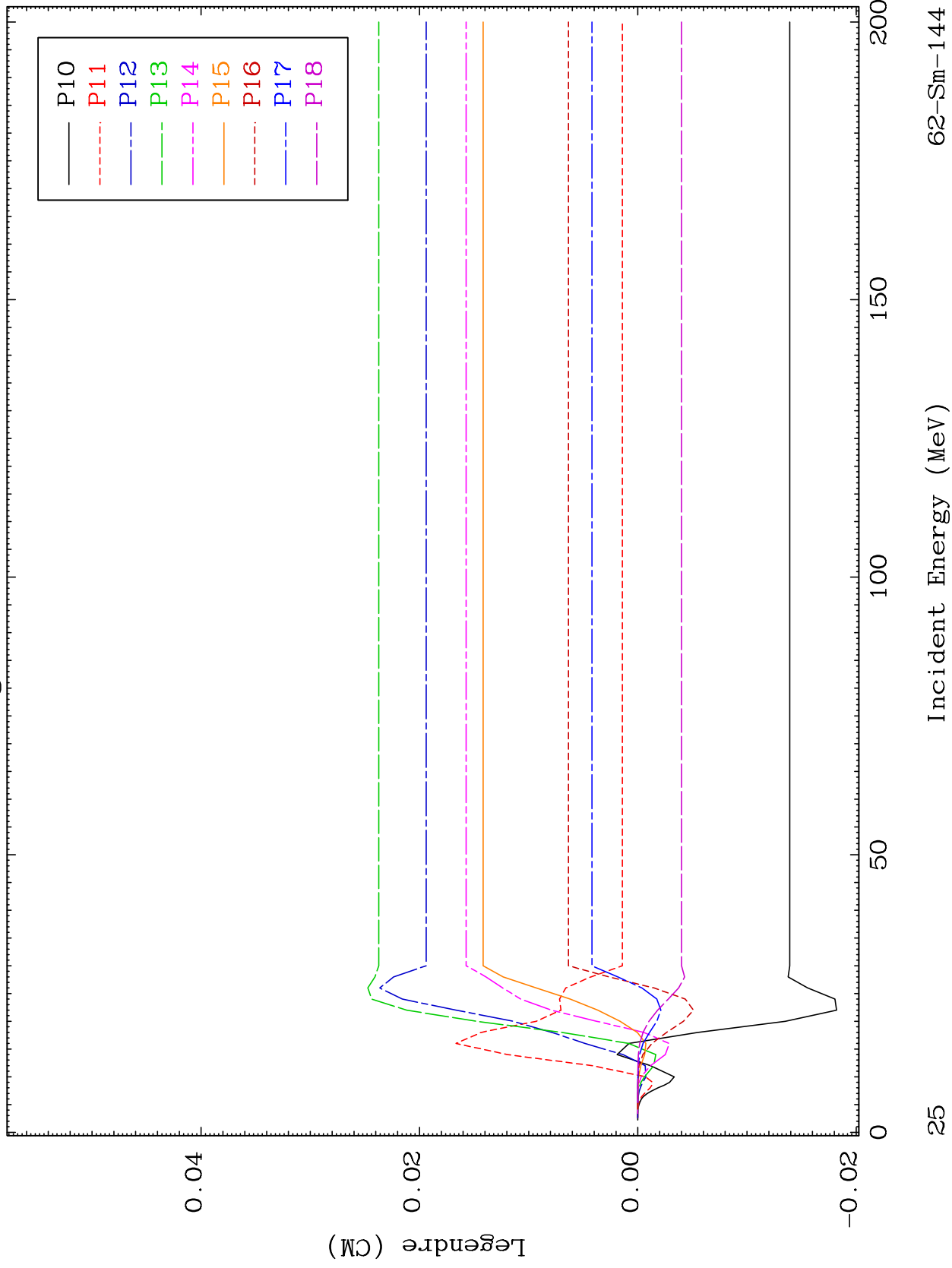
Incident Energy (MeV)

24

MAT 6225

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

62-Sm-144



62-Sm-144

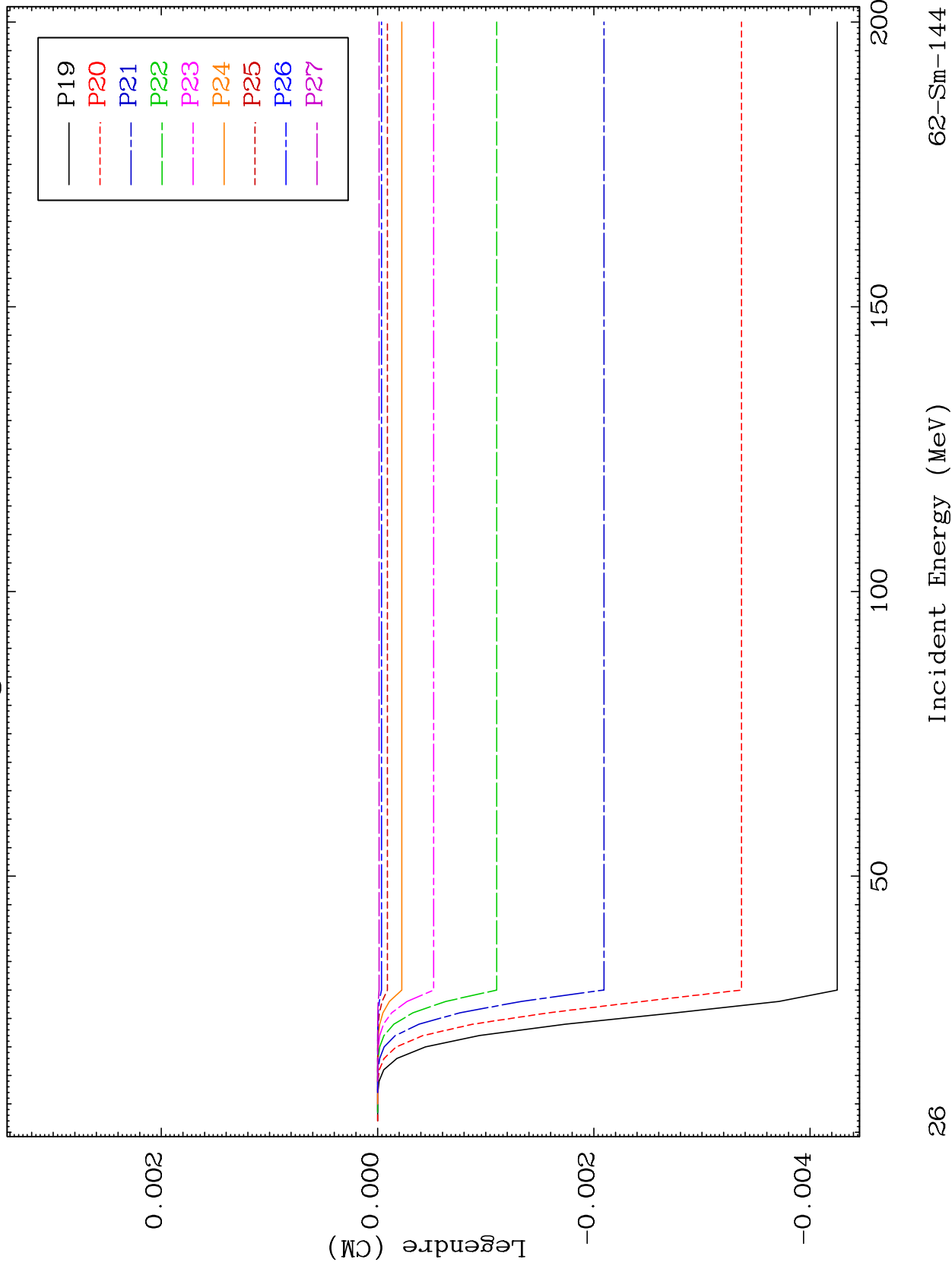
Incident Energy (MeV)

25

MAT 6225

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

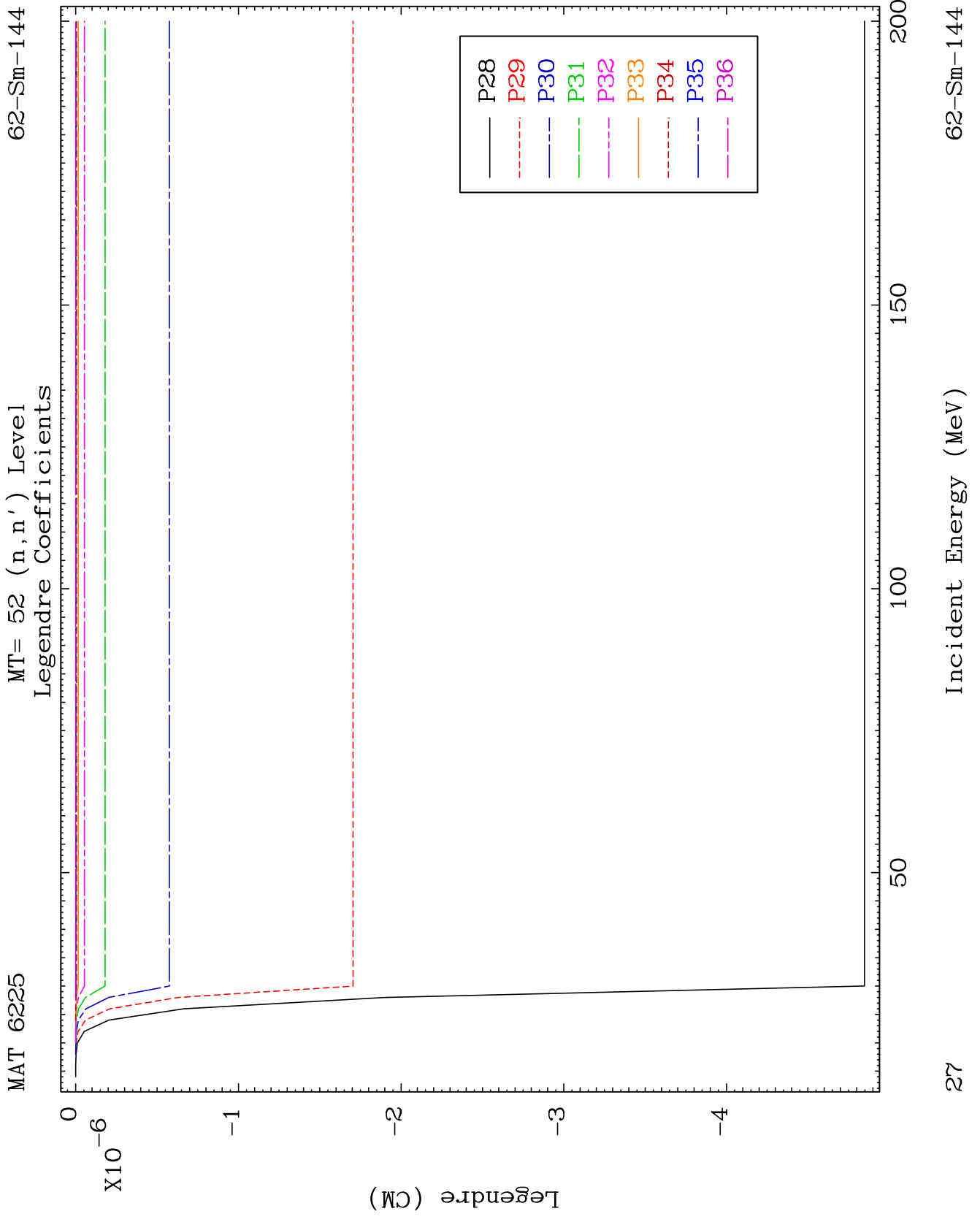
62-Sm-144

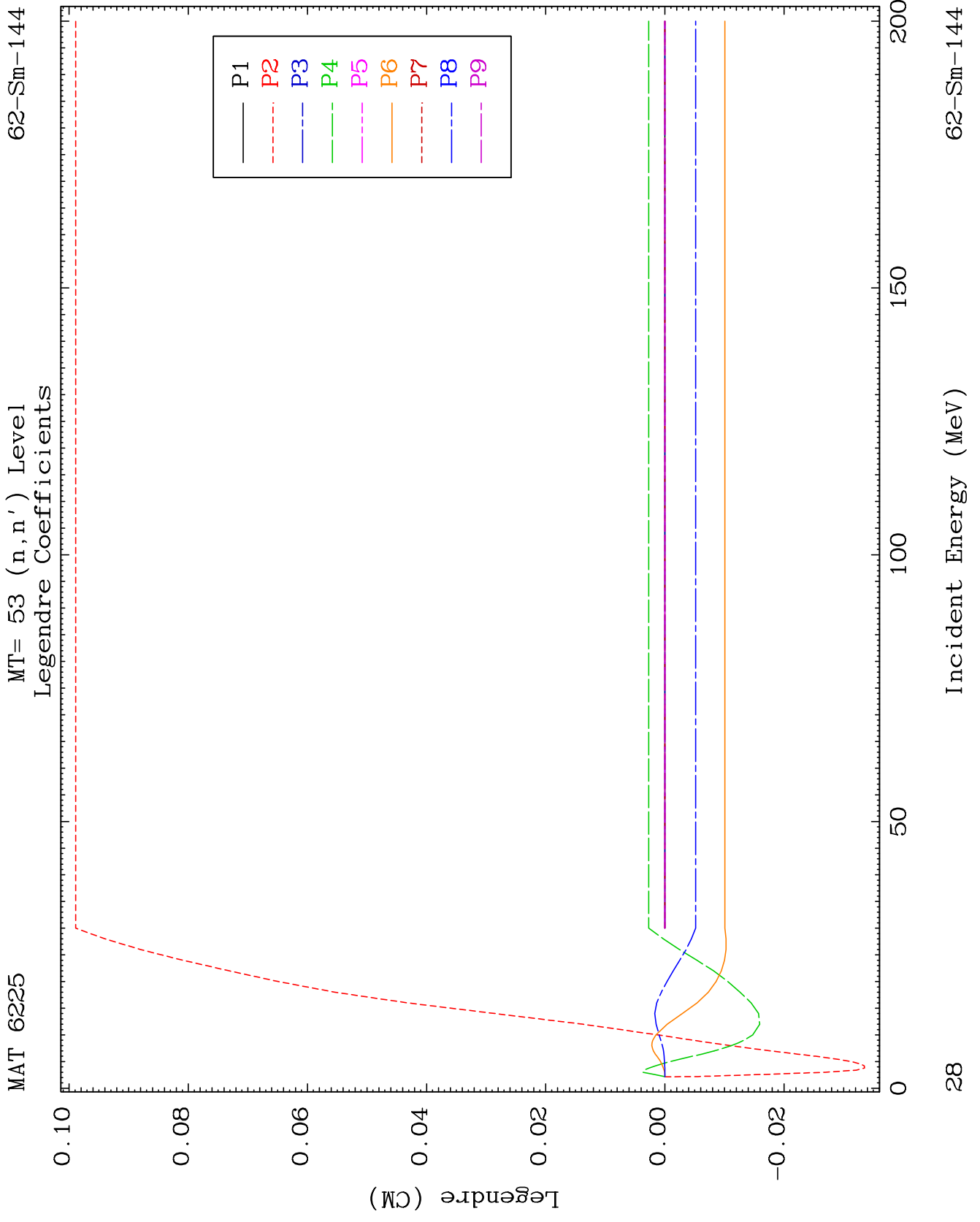


26

Incident Energy (MeV)

62-Sm-144

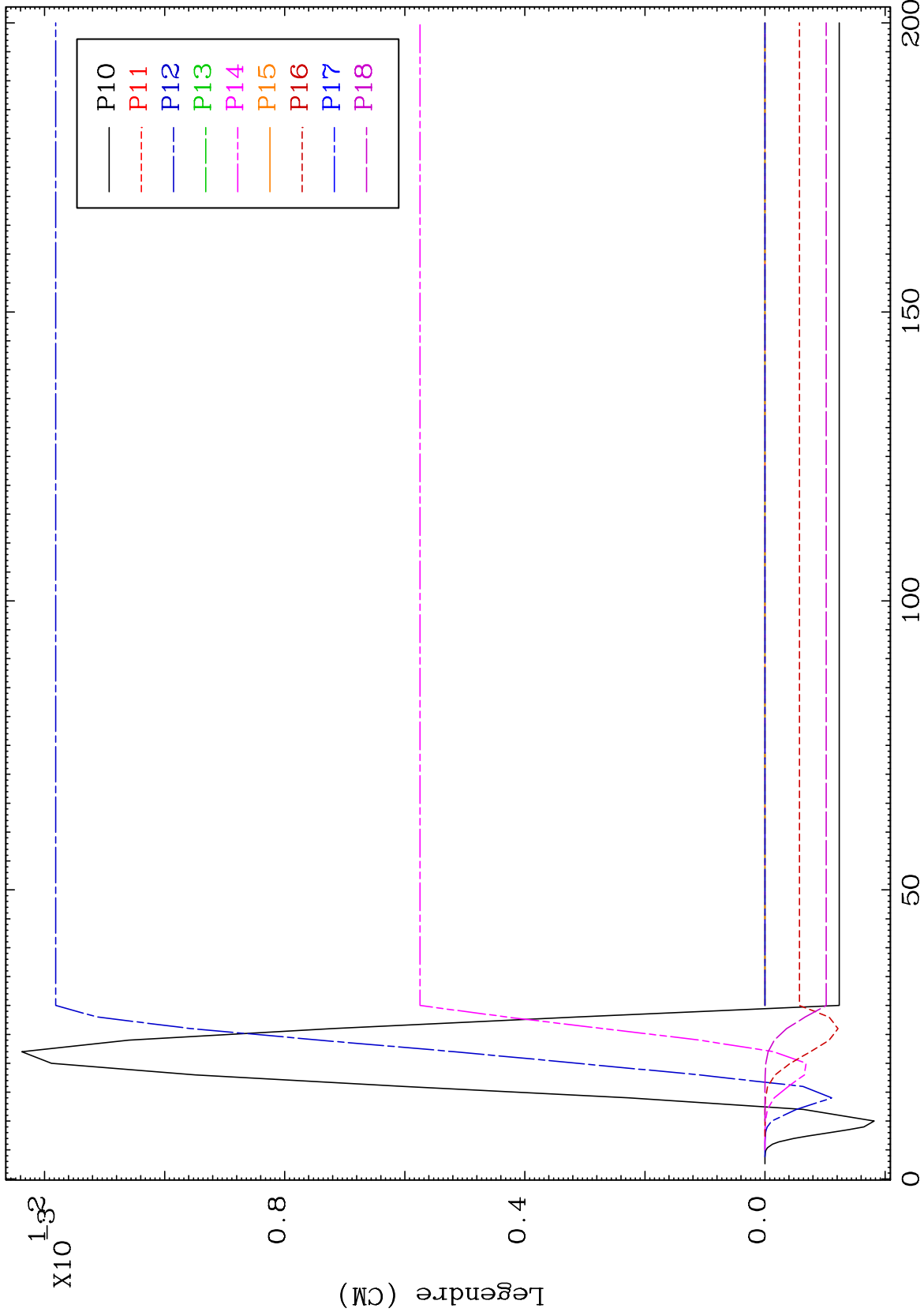




MAT 6225

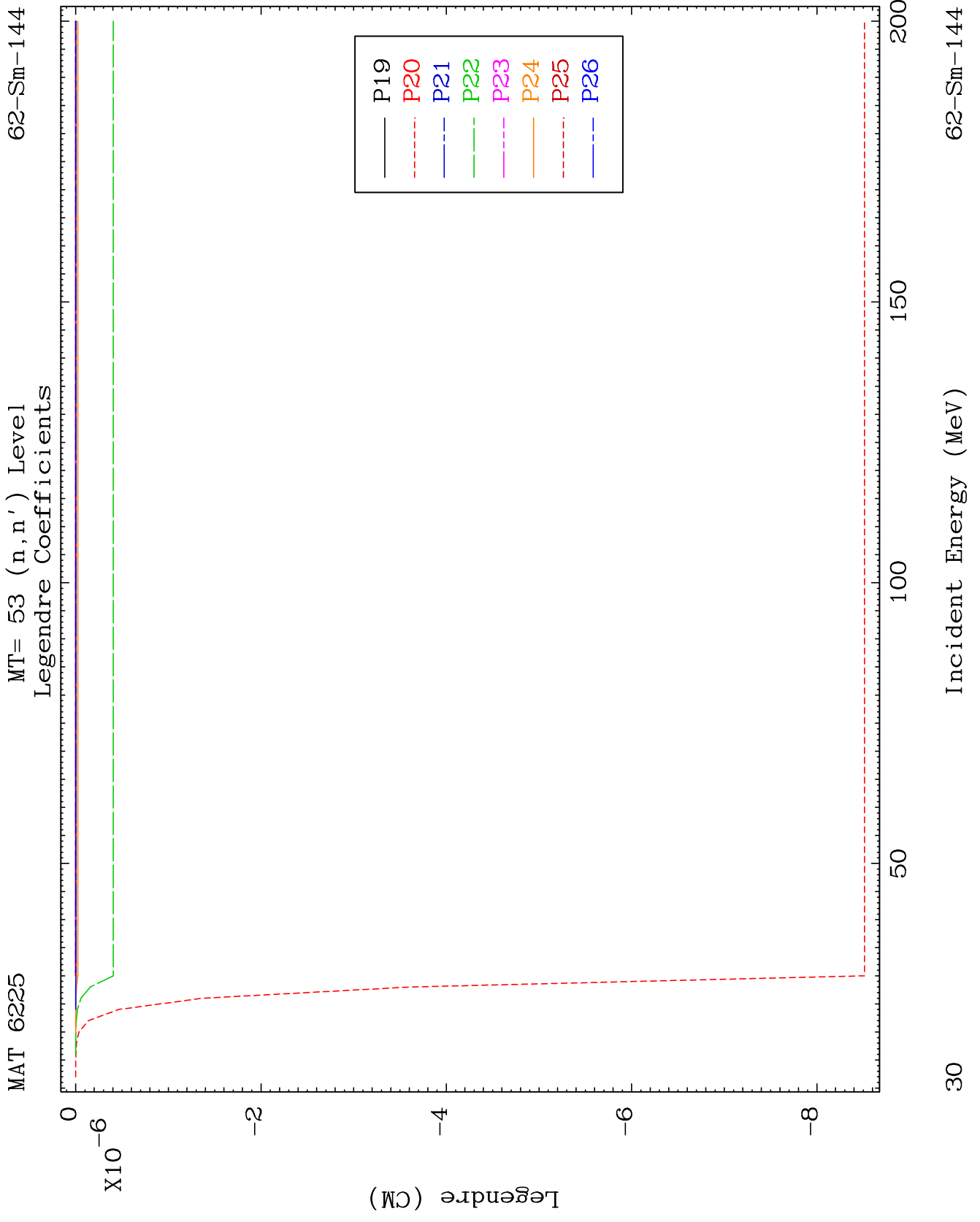
MT= 53 (n,n') Level
Legendre Coefficients

62-Sm-144



29

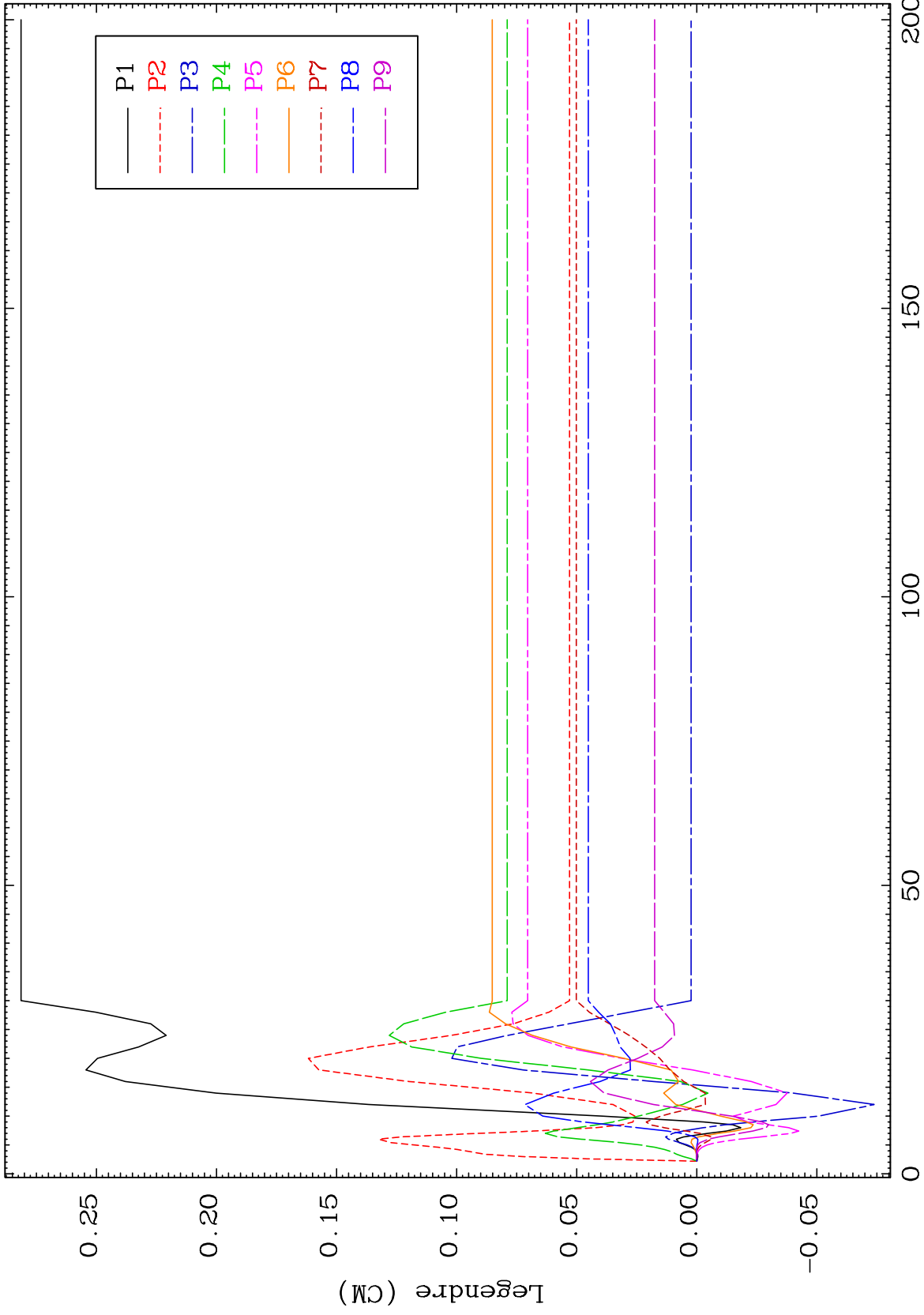
62-Sm-144



MAT 6225

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

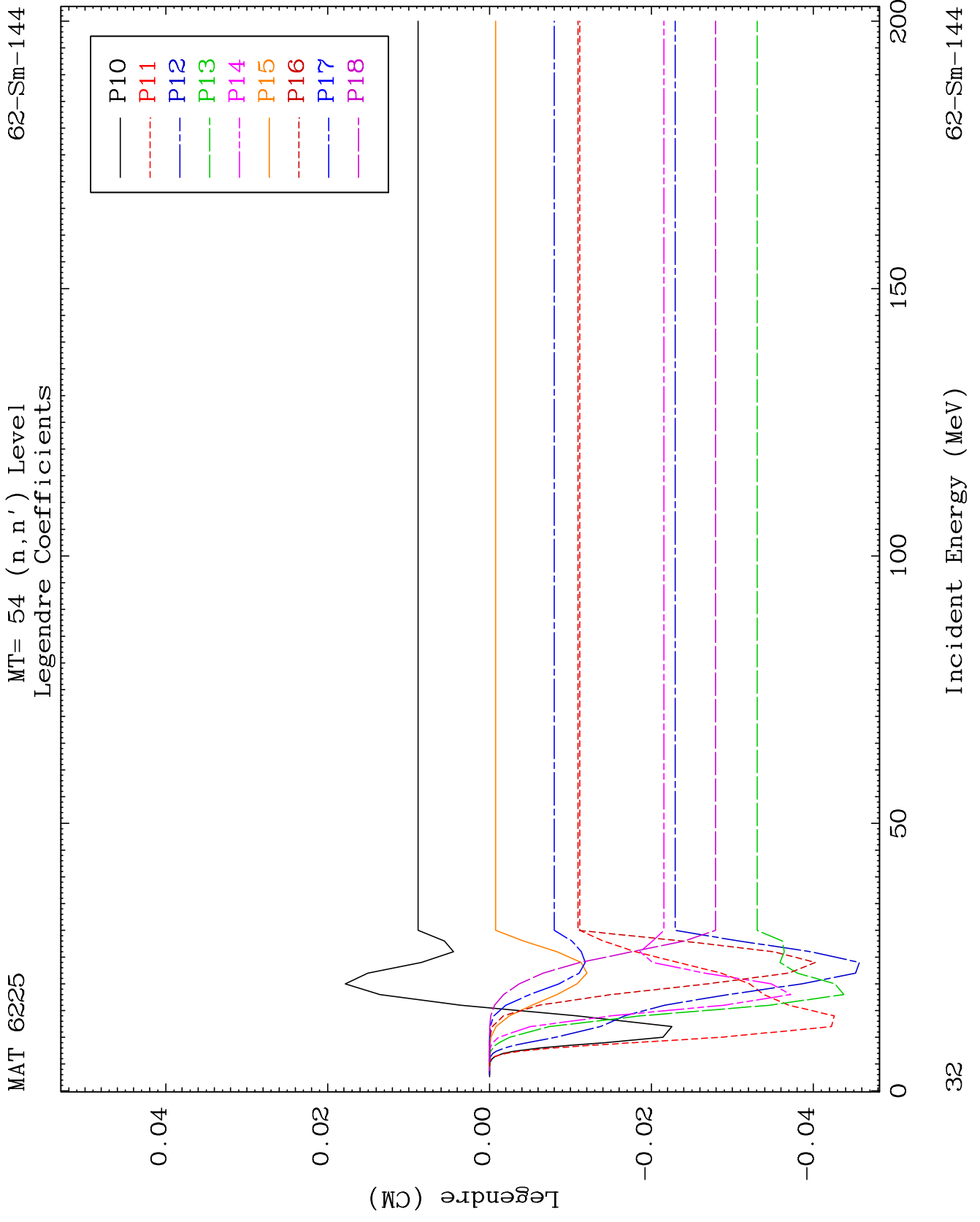
62-Sm-144

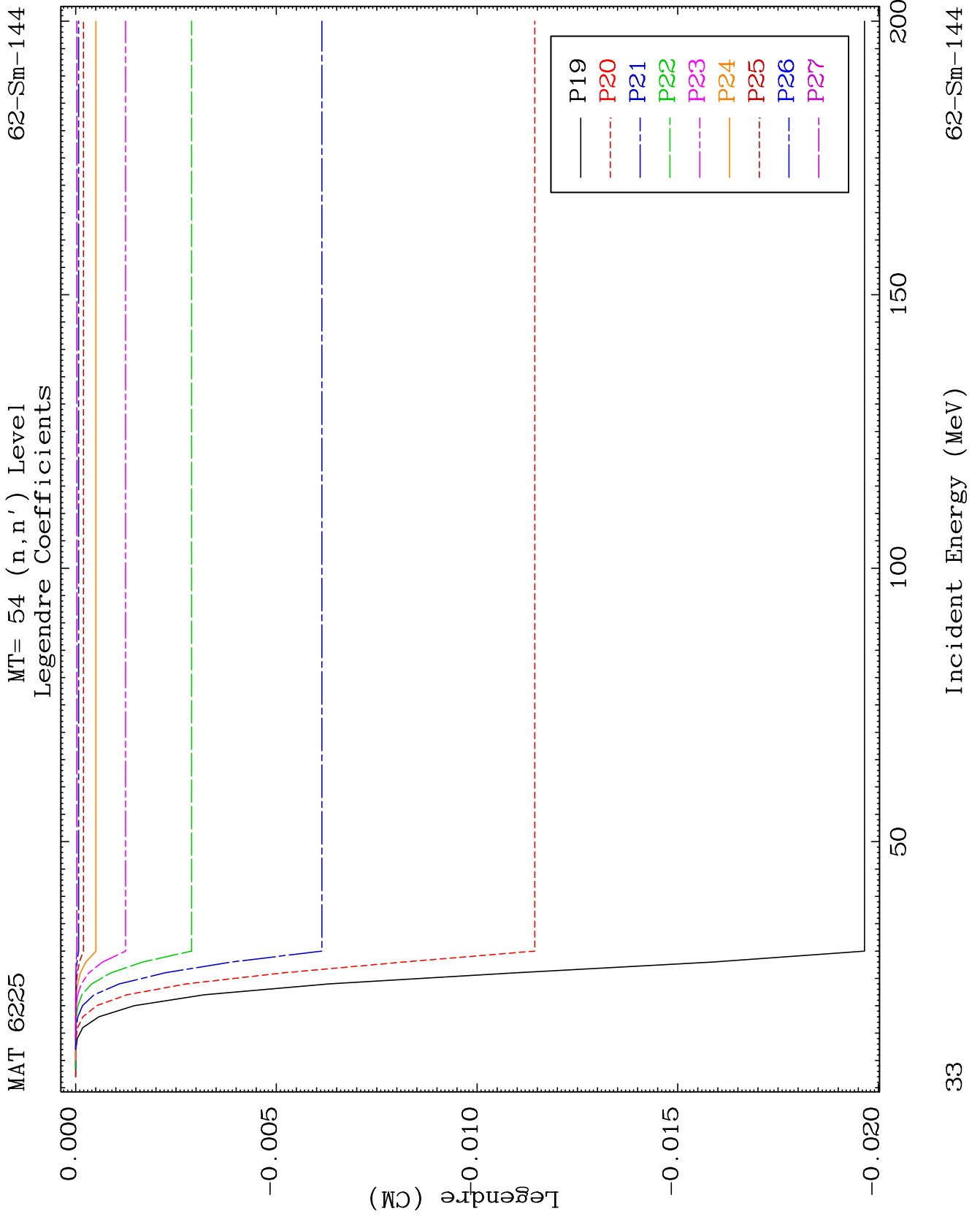


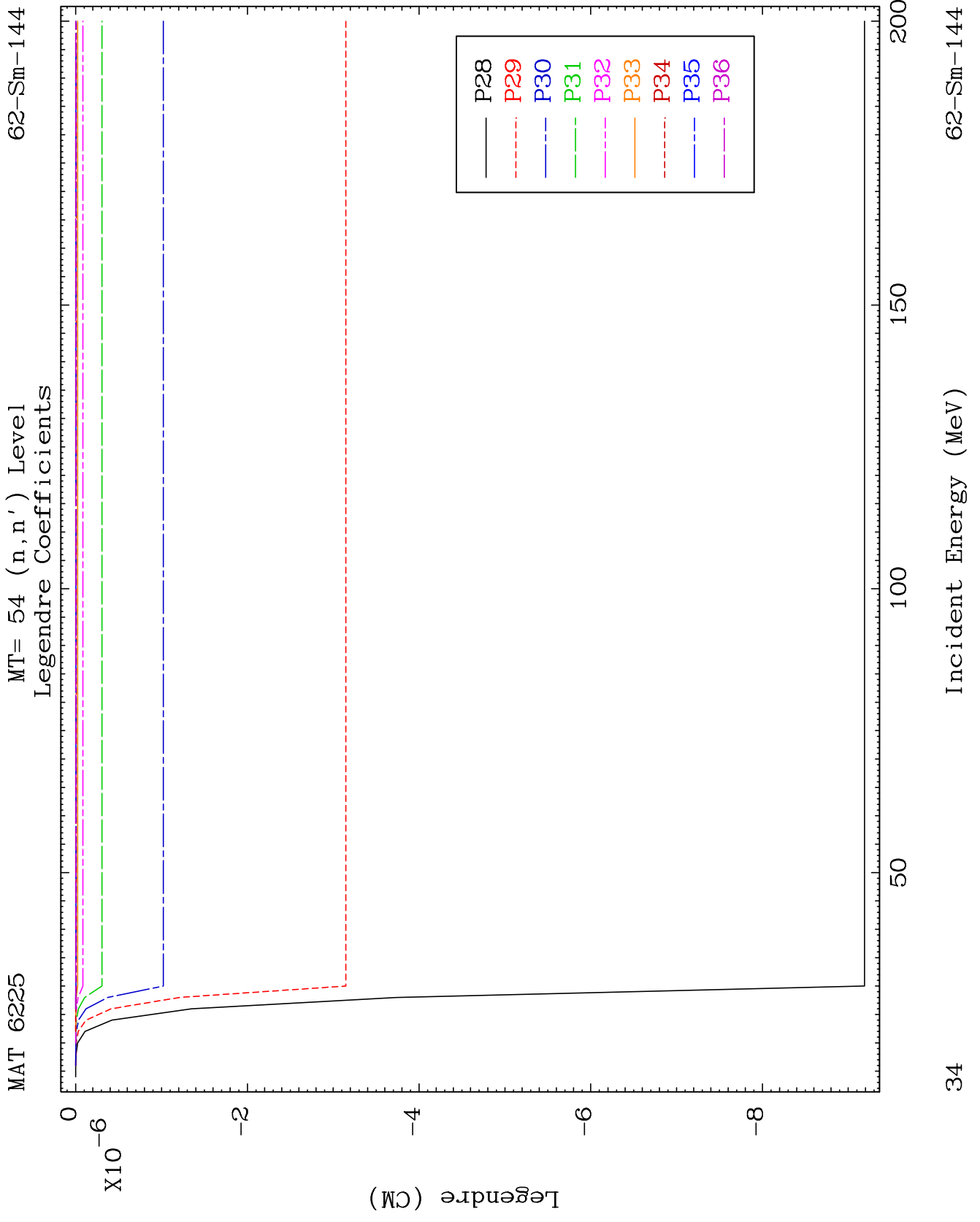
31

Incident Energy (MeV)

62-Sm-144



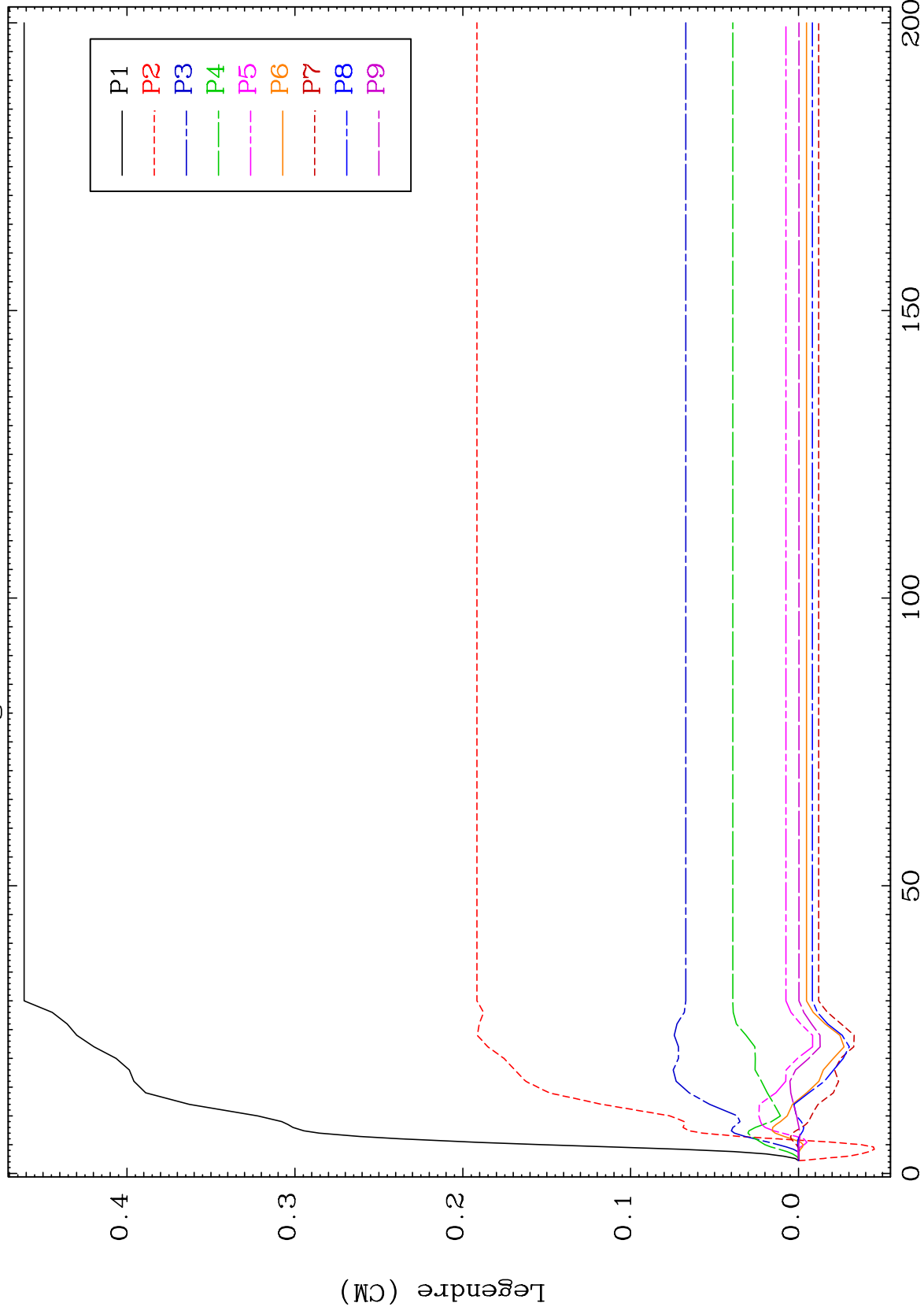




MAT 6225

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

62-Sm-144



62-Sm-144

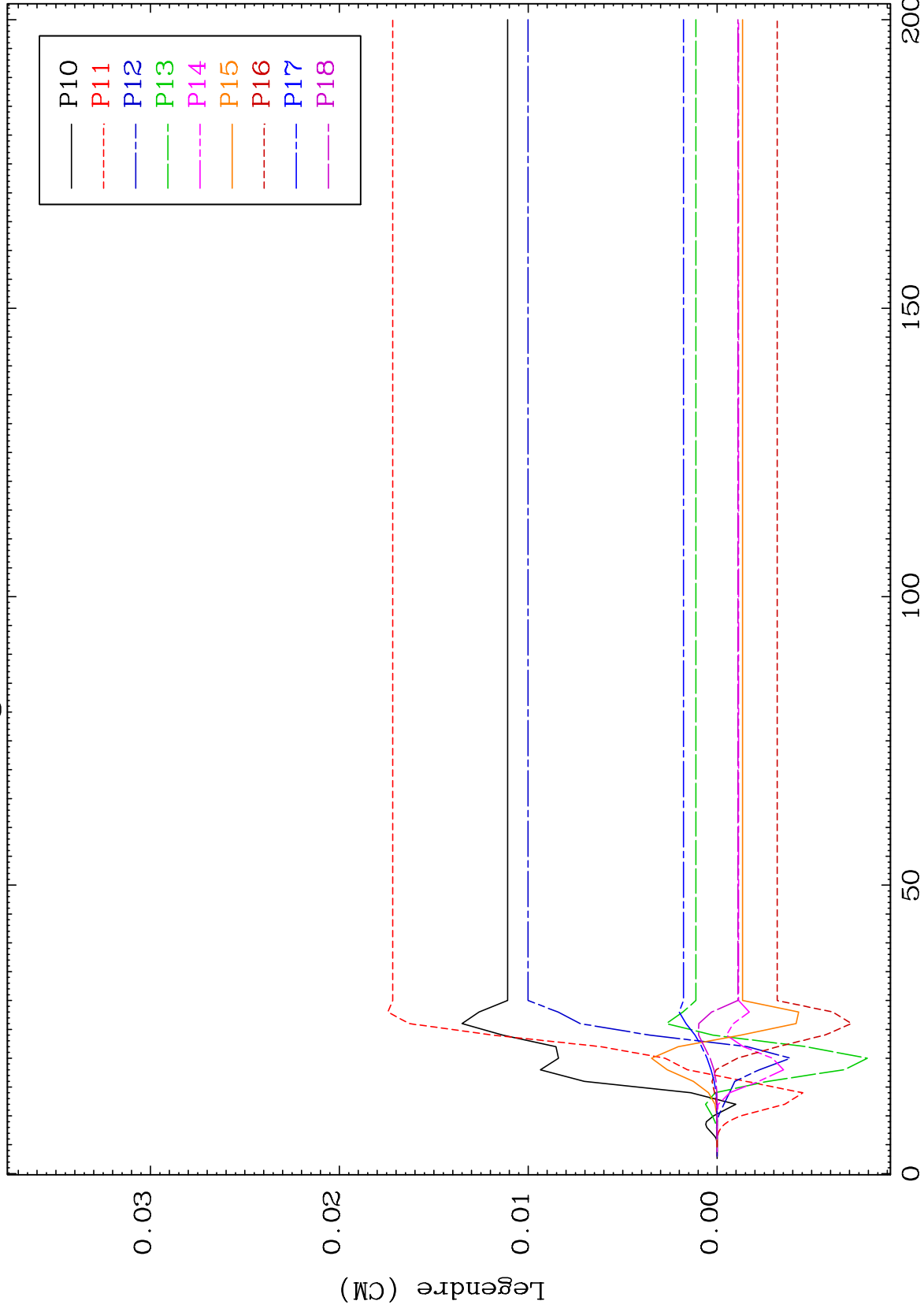
Incident Energy (MeV)

35

MAT 6225

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

62-Sm-144



36

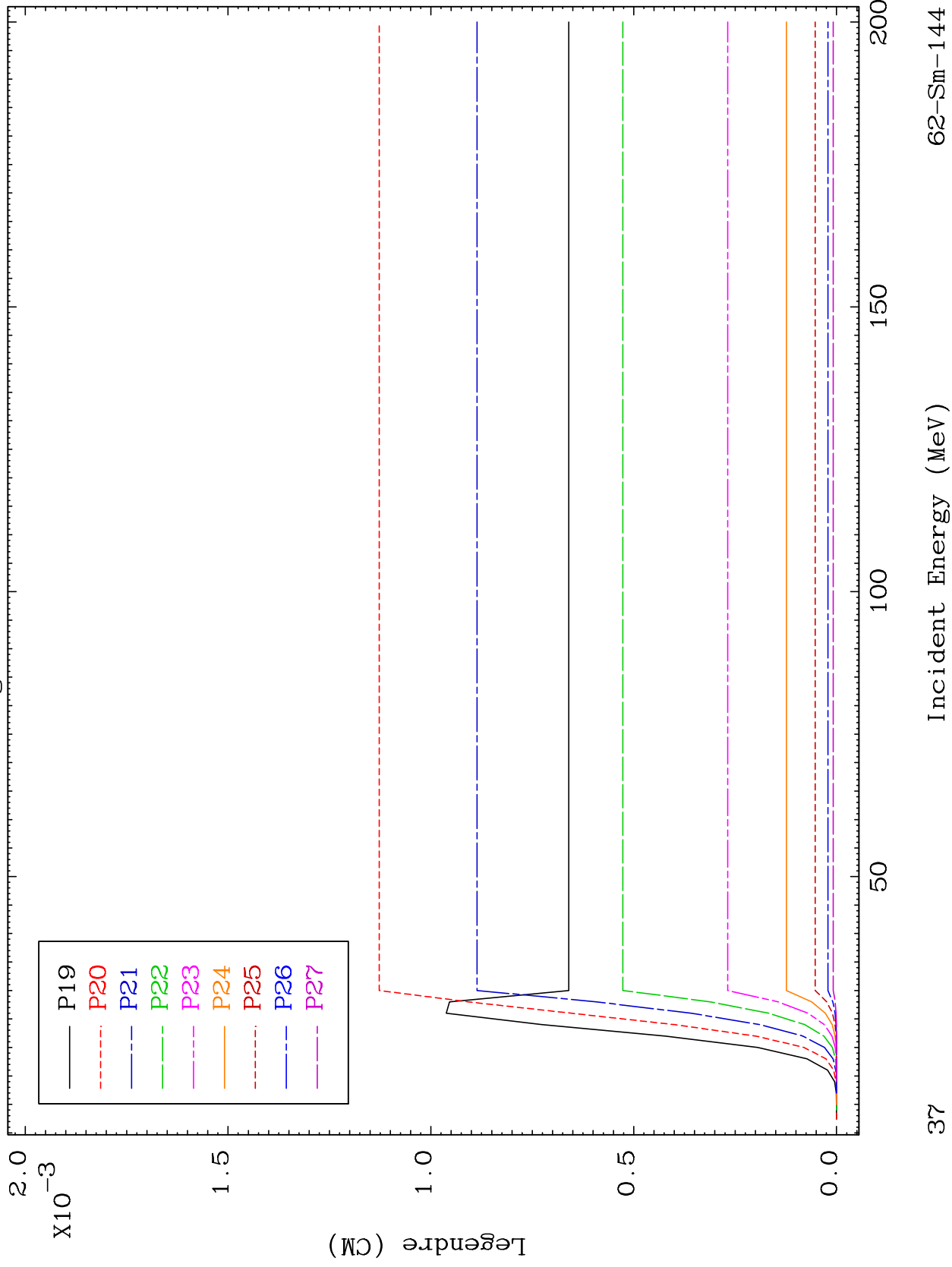
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

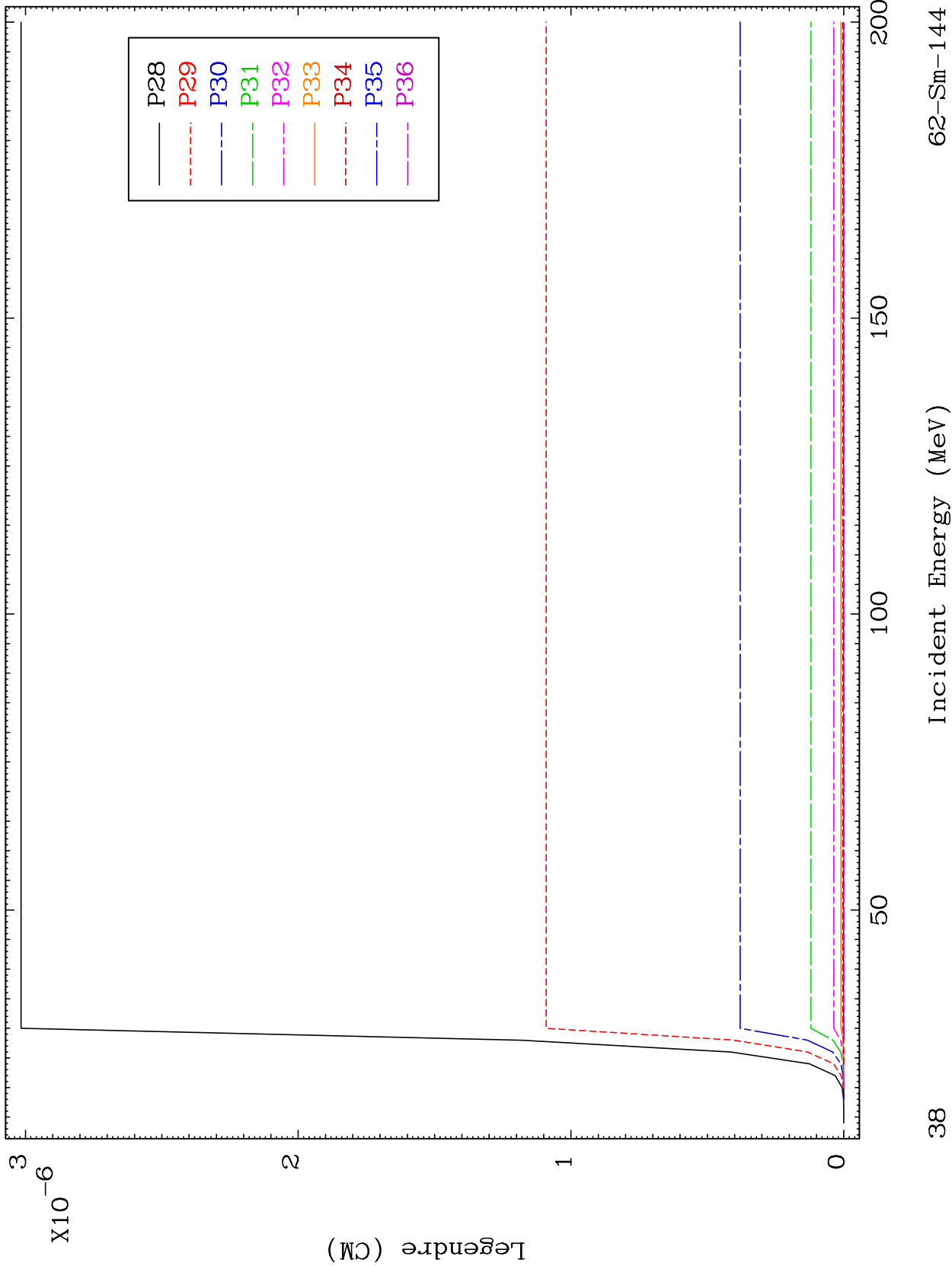
62-Sm-144



MAT 6225

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

62-Sm-144



38

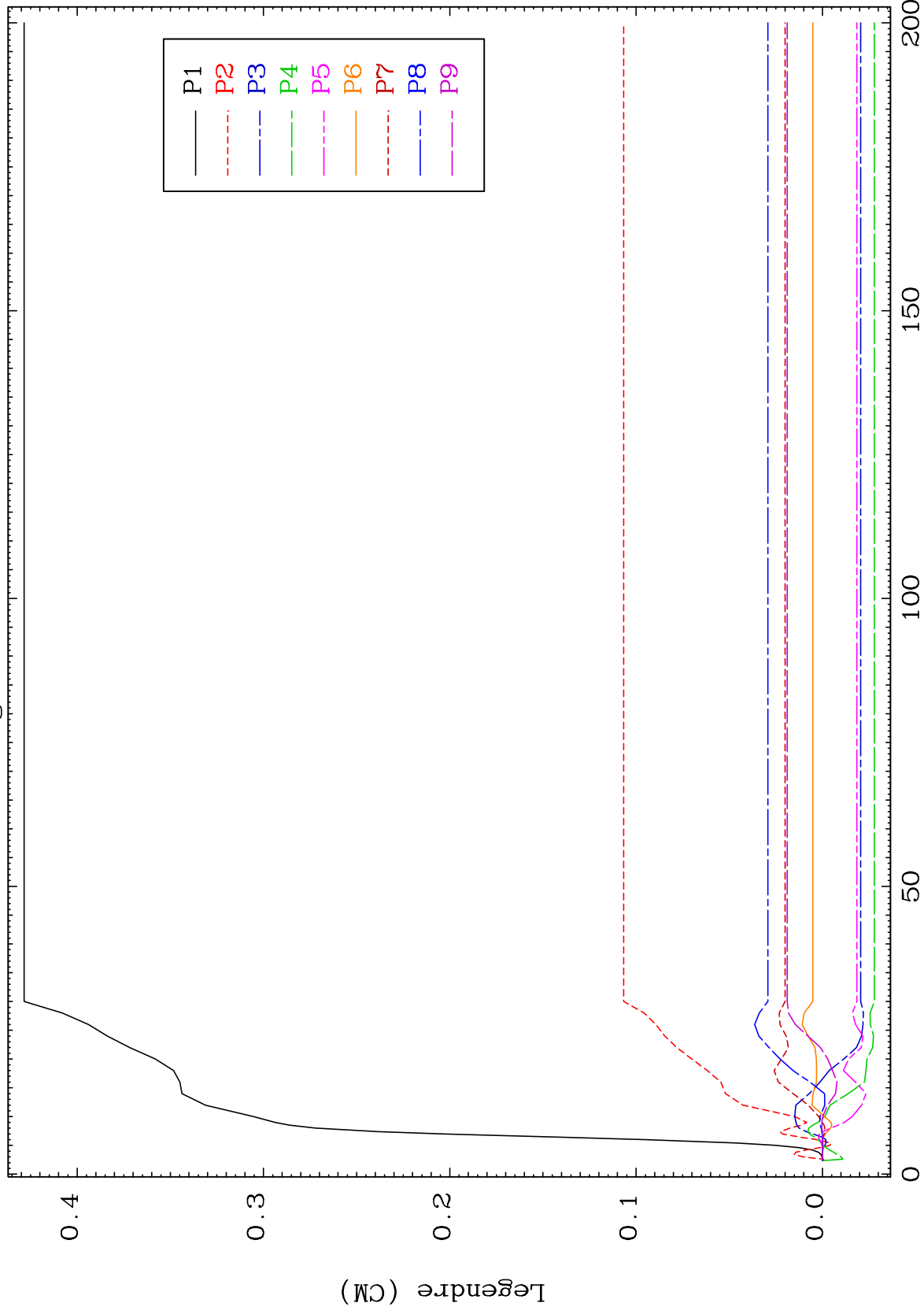
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

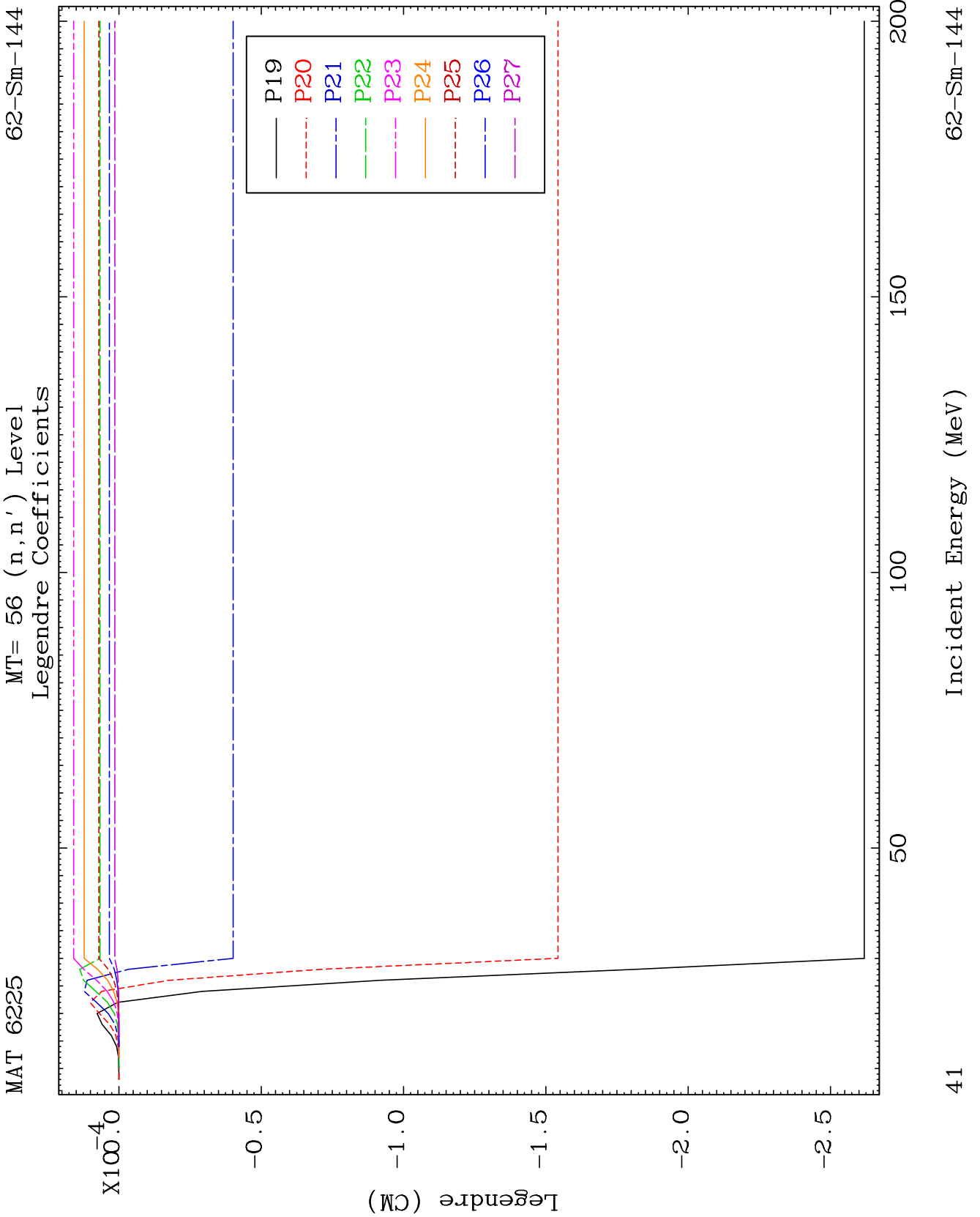
62-Sm-144



39

Incident Energy (MeV)

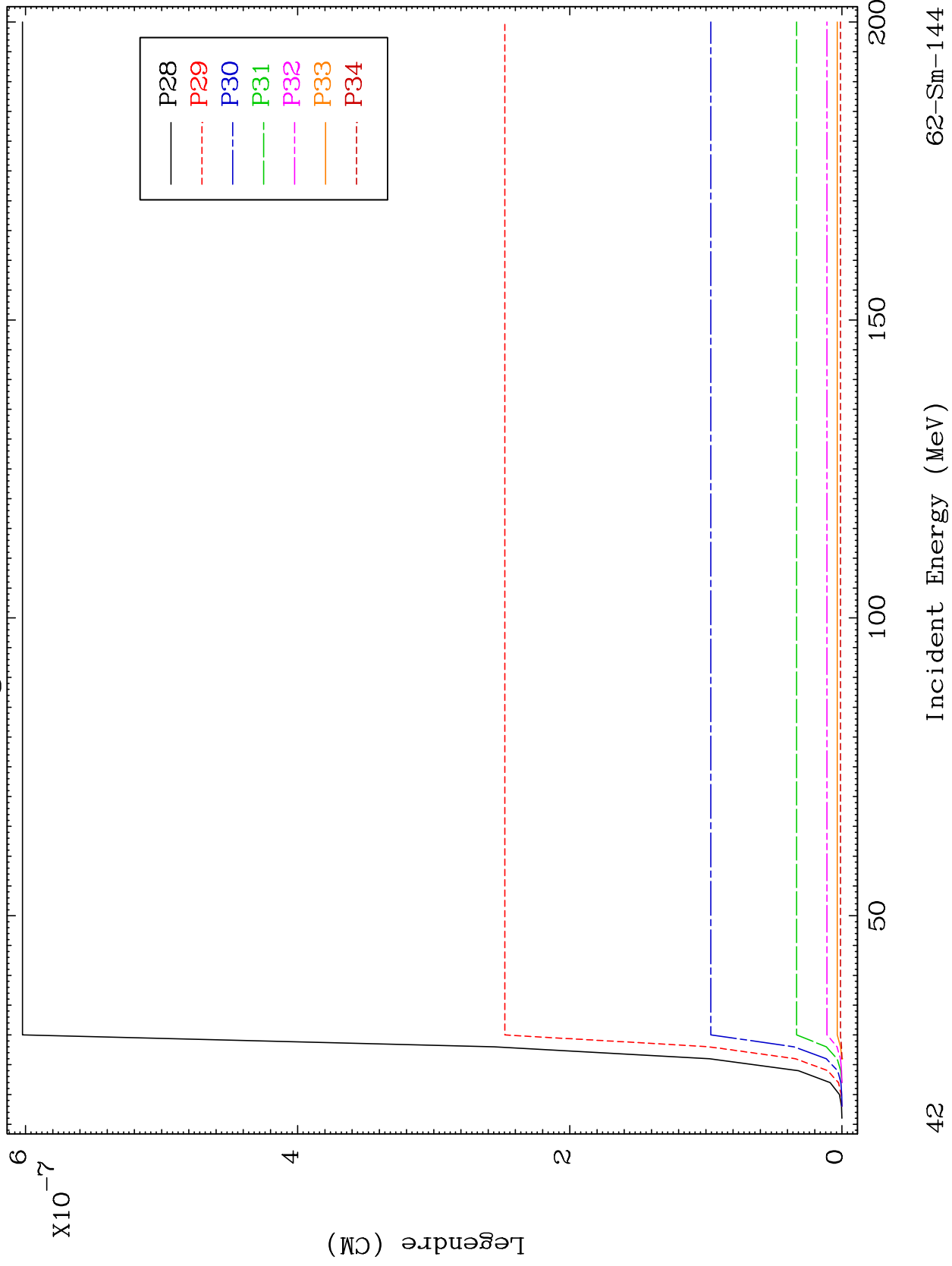
62-Sm-144

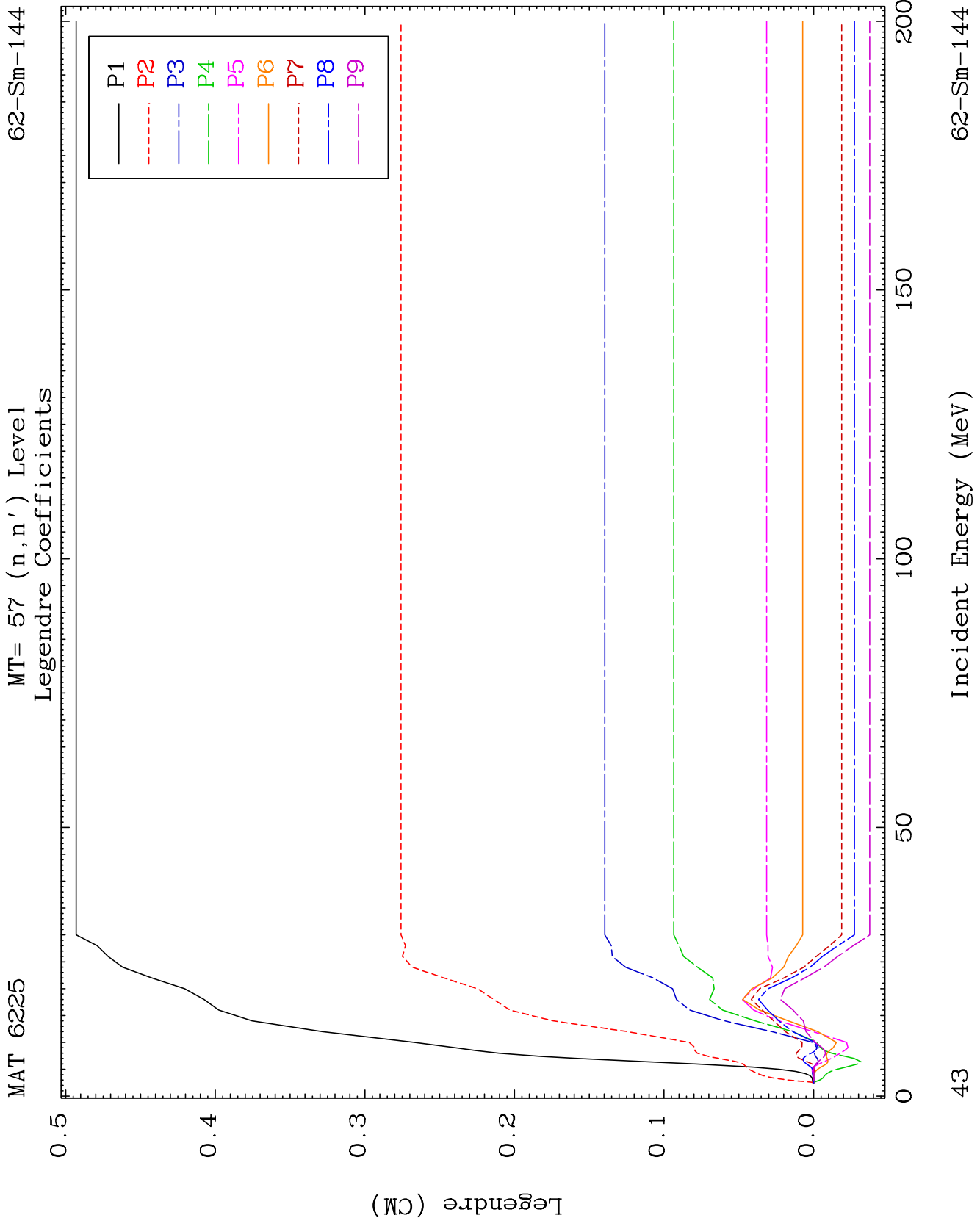


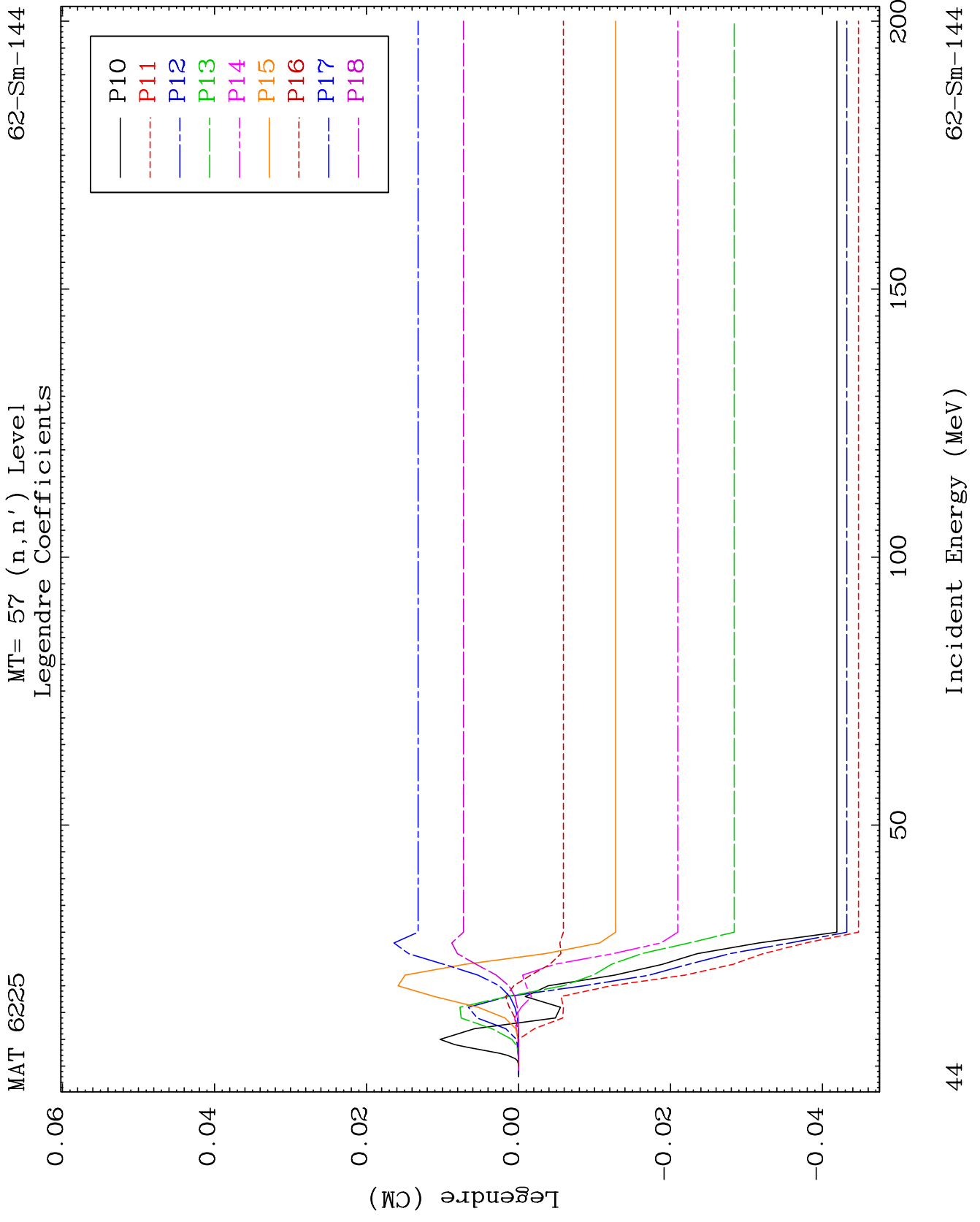
MAT 6225

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

62-Sm-144



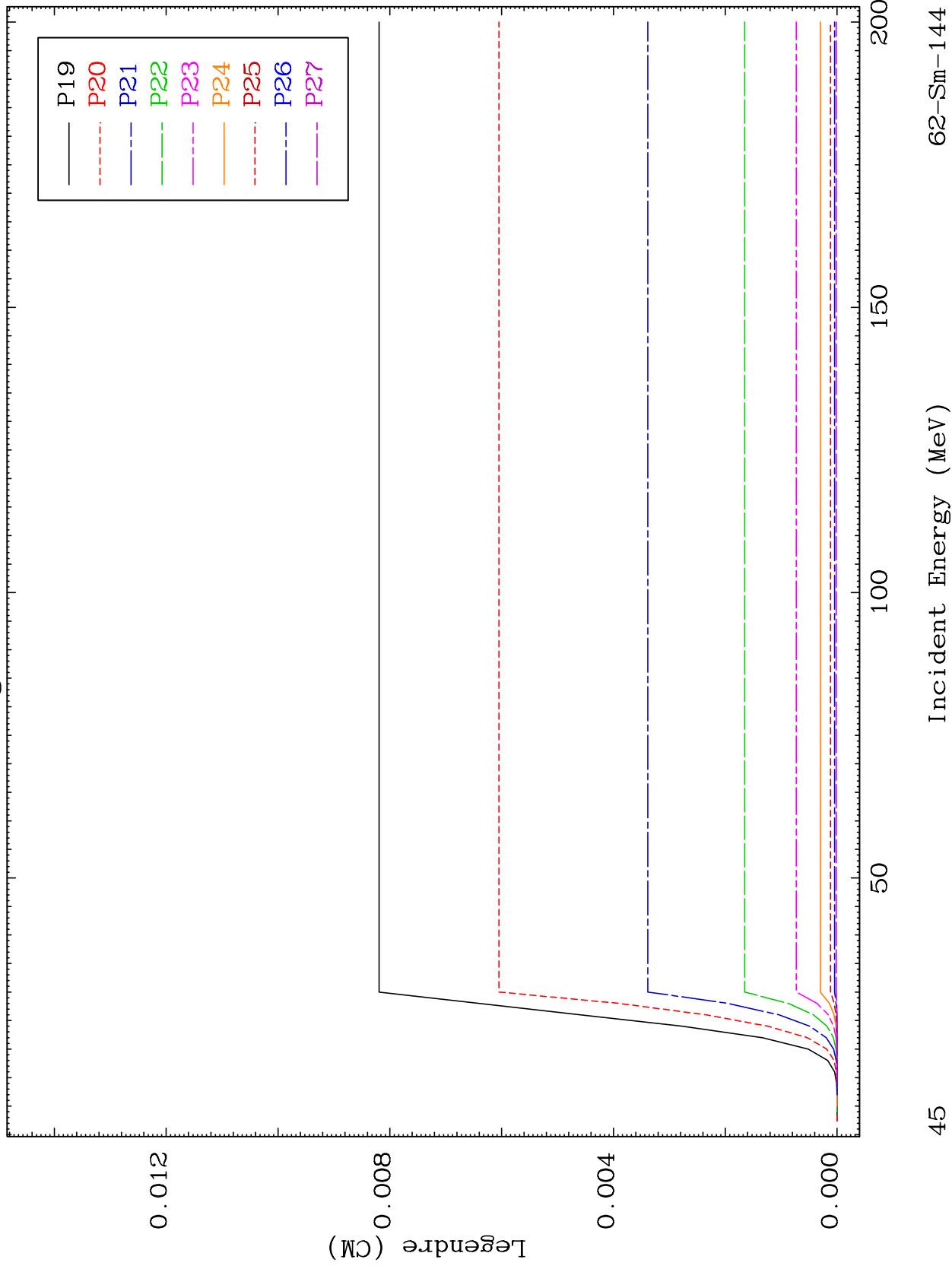




MAT 6225

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

62-Sm-144



62-Sm-144

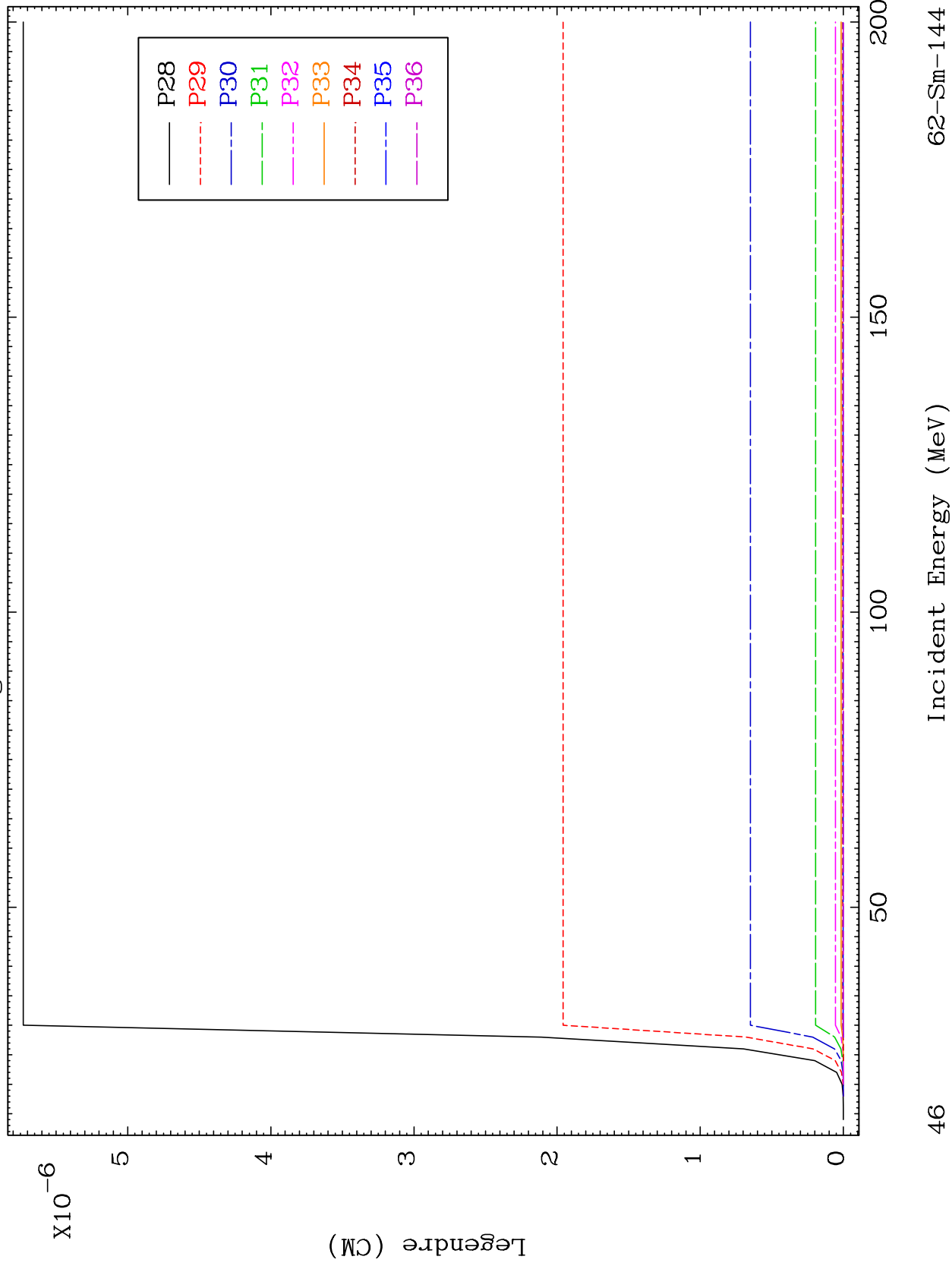
Incident Energy (MeV)

45

MAT 6225

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

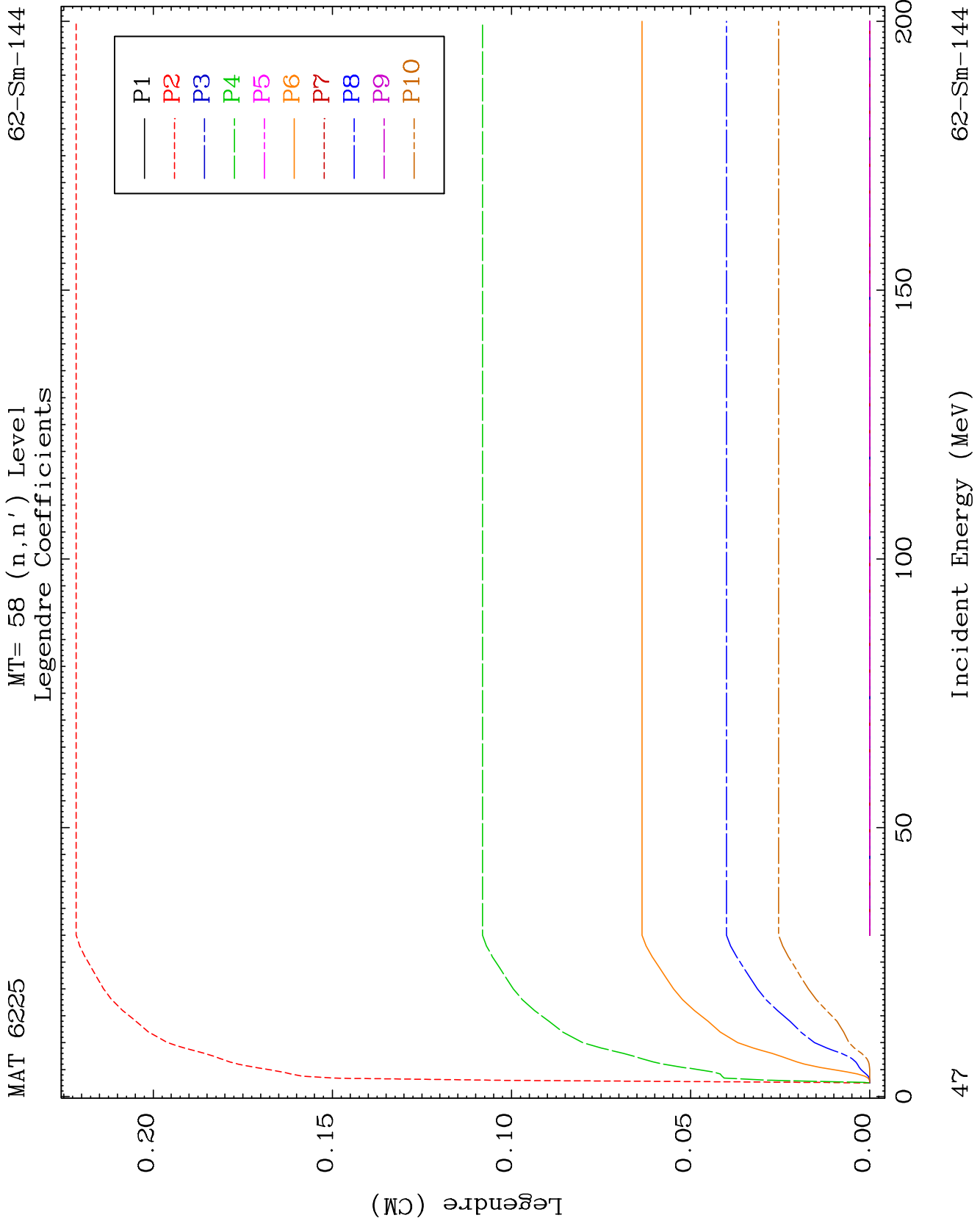
62-Sm-144

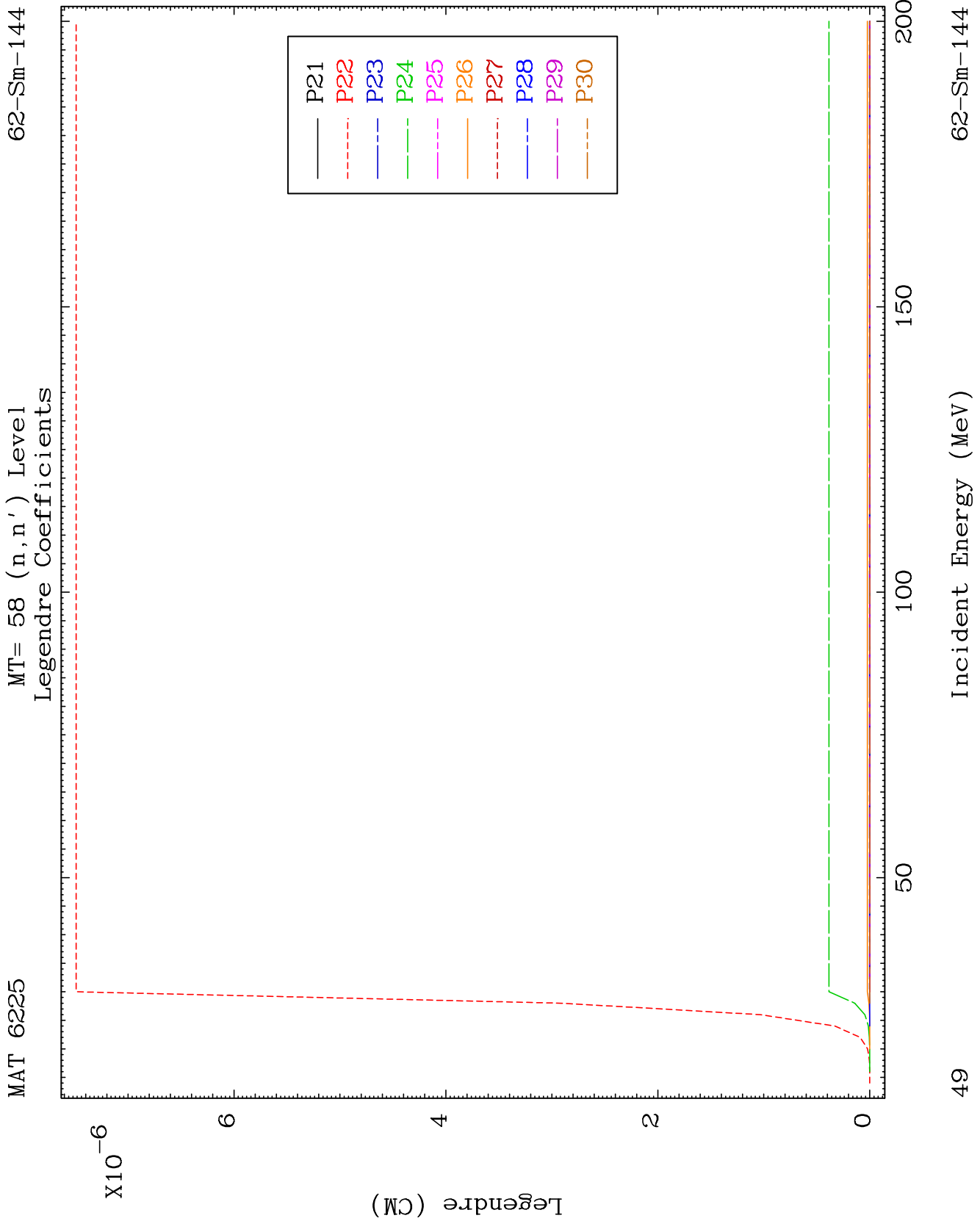


46

Incident Energy (MeV)

62-Sm-144

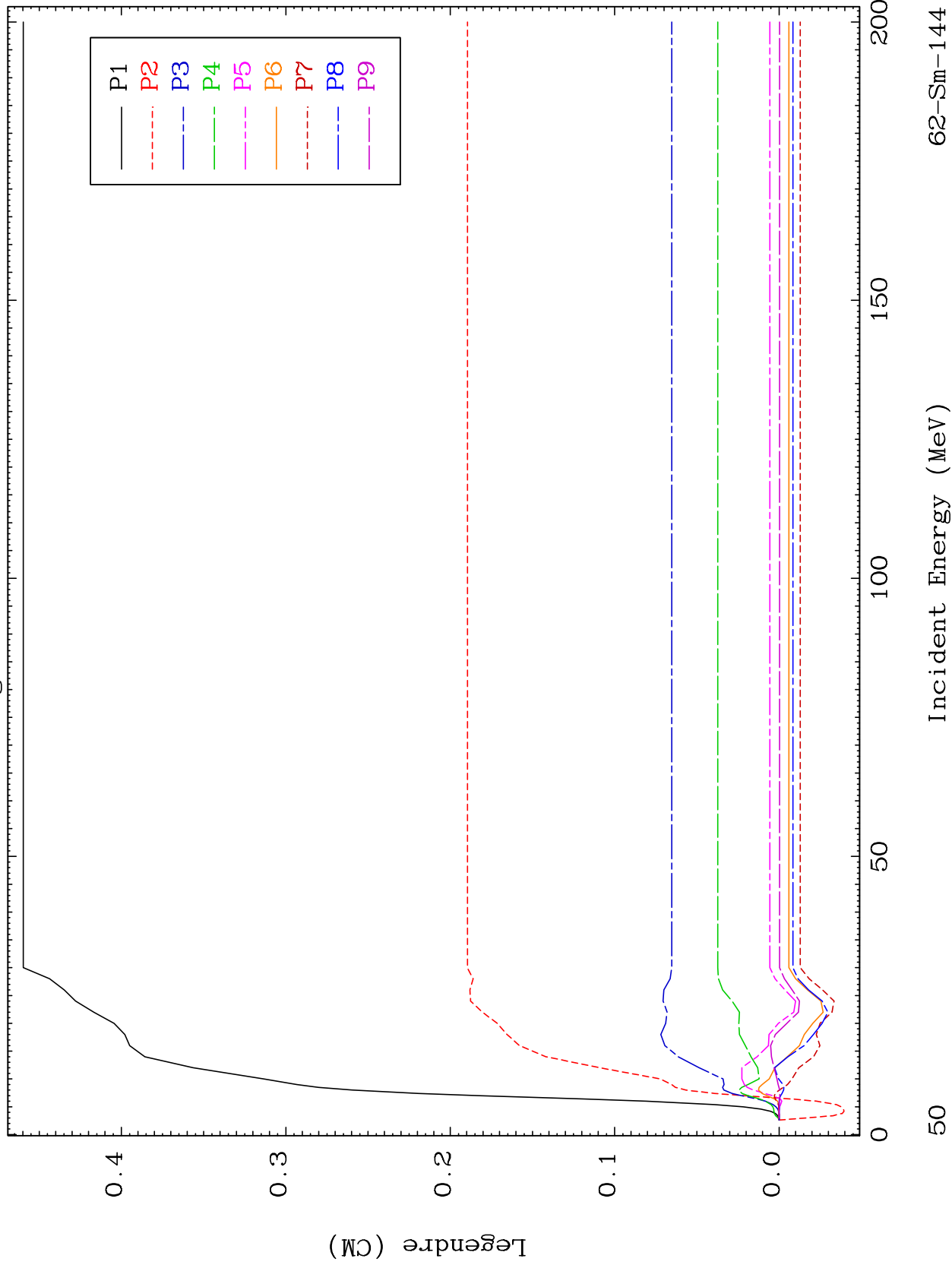




MAT 6225

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

62-Sm-144



62-Sm-144

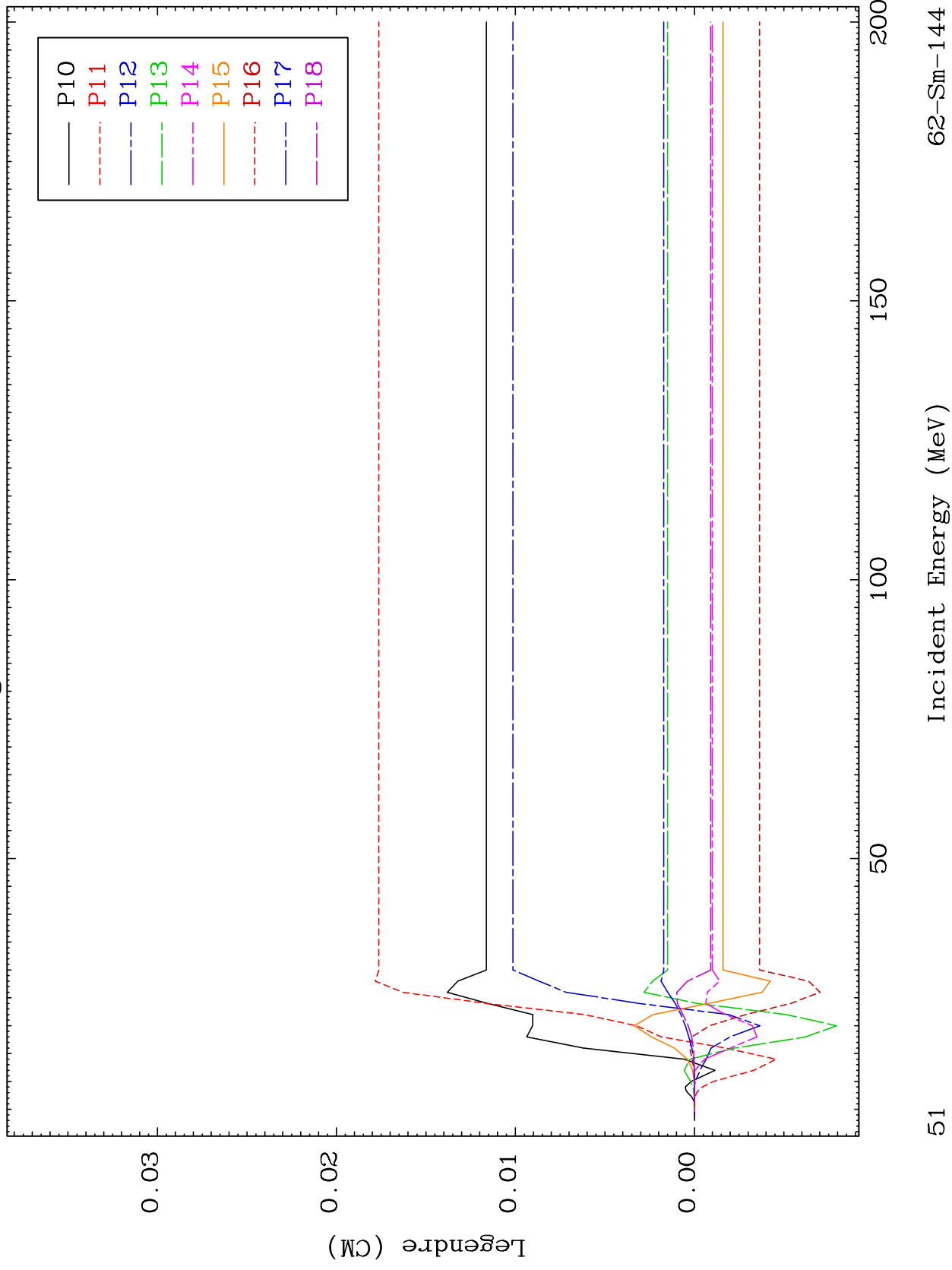
Incident Energy (MeV)

50

MAT 6225

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

62-Sm-144



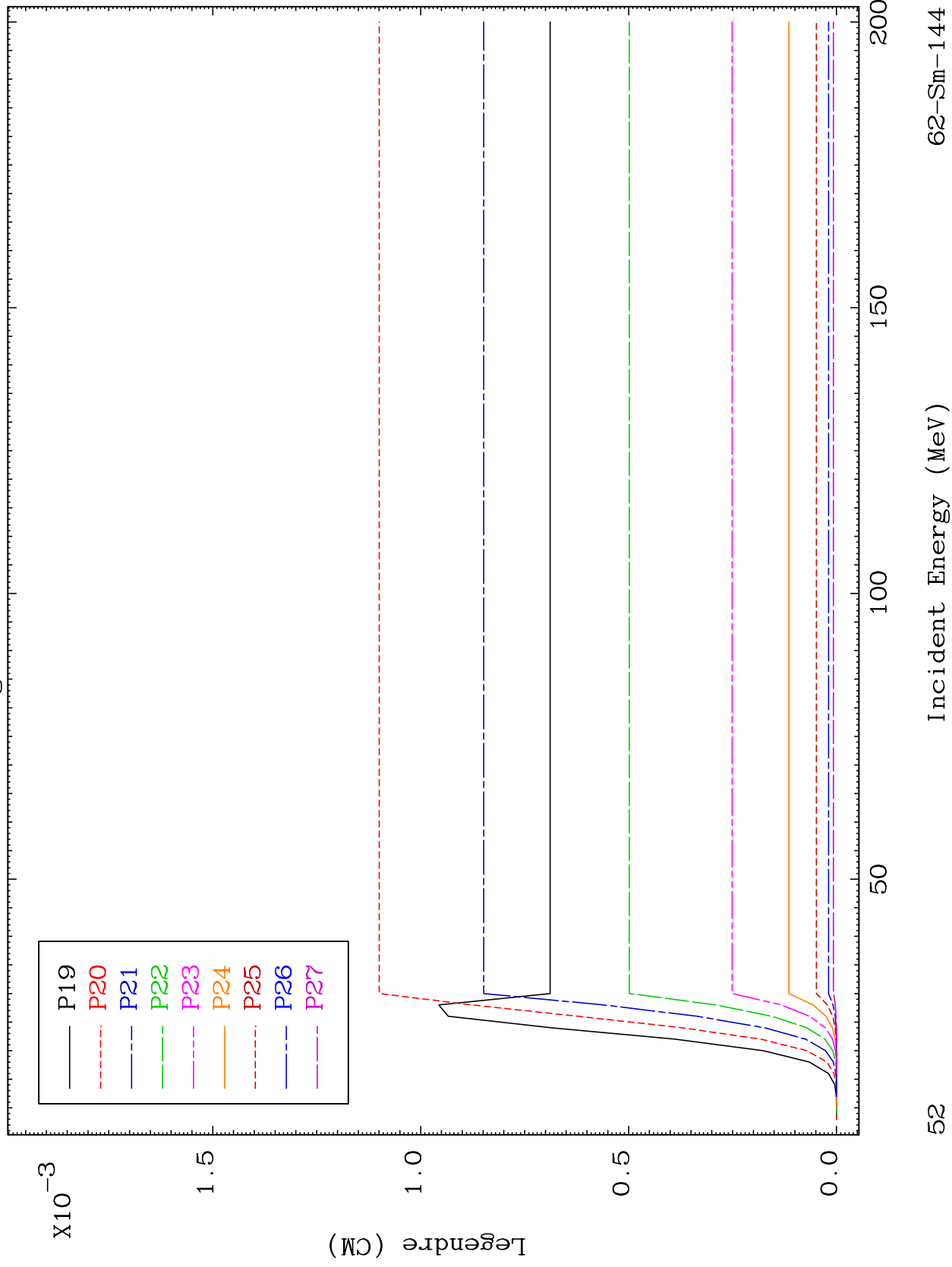
51

62-Sm-144

MAT 6225

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

62-Sm-144



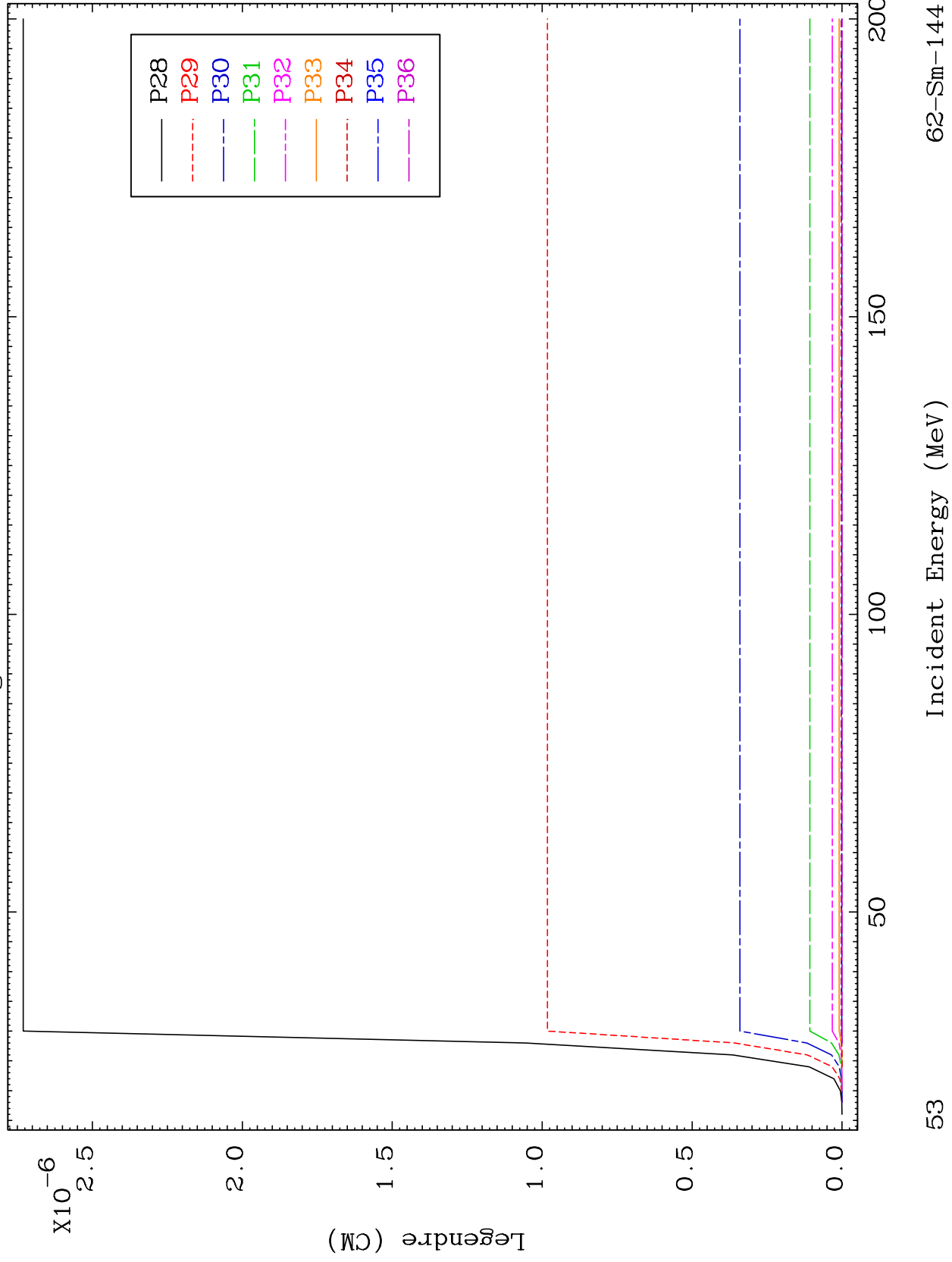
52

62-Sm-144

MAT 6225

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

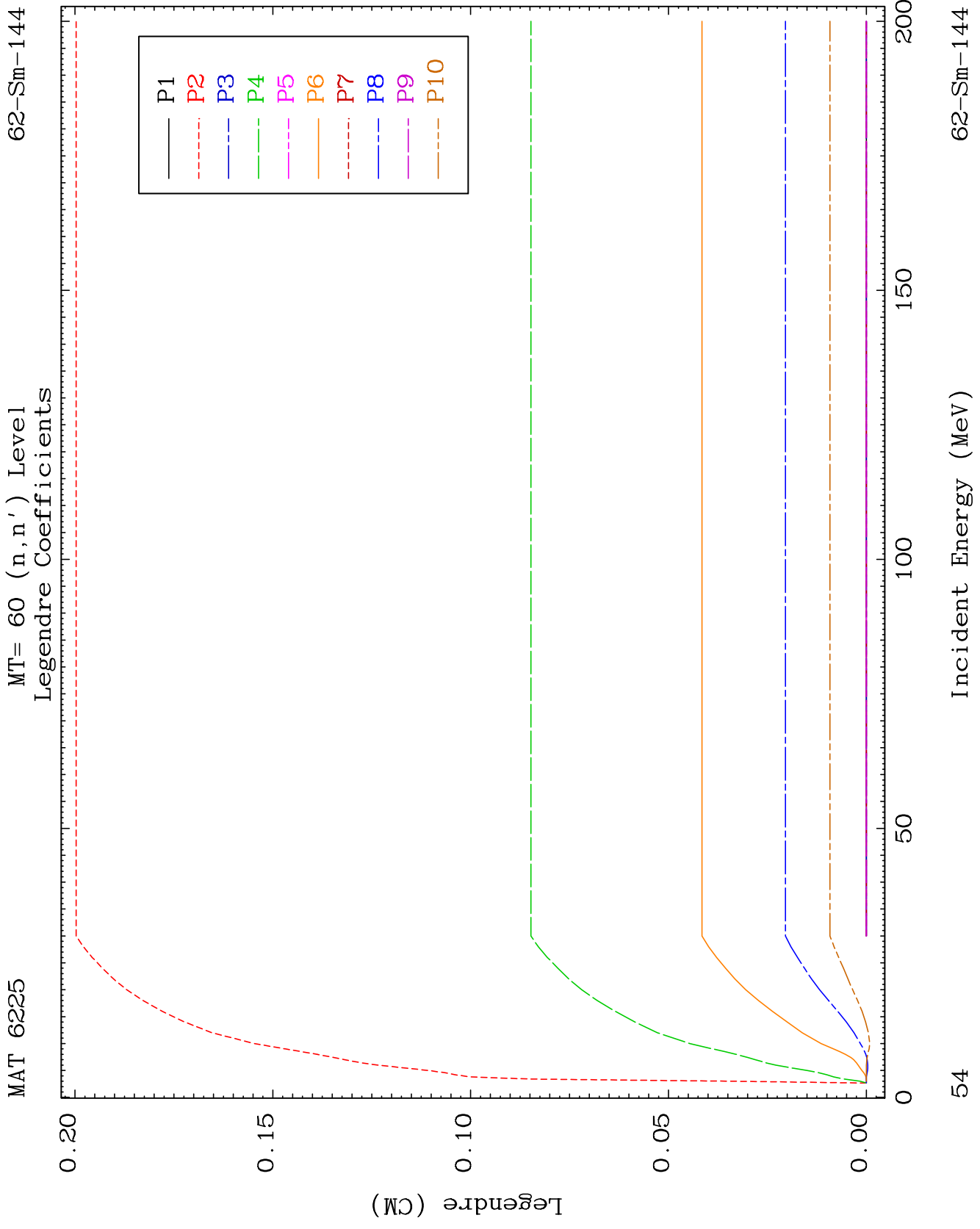
62-Sm-144

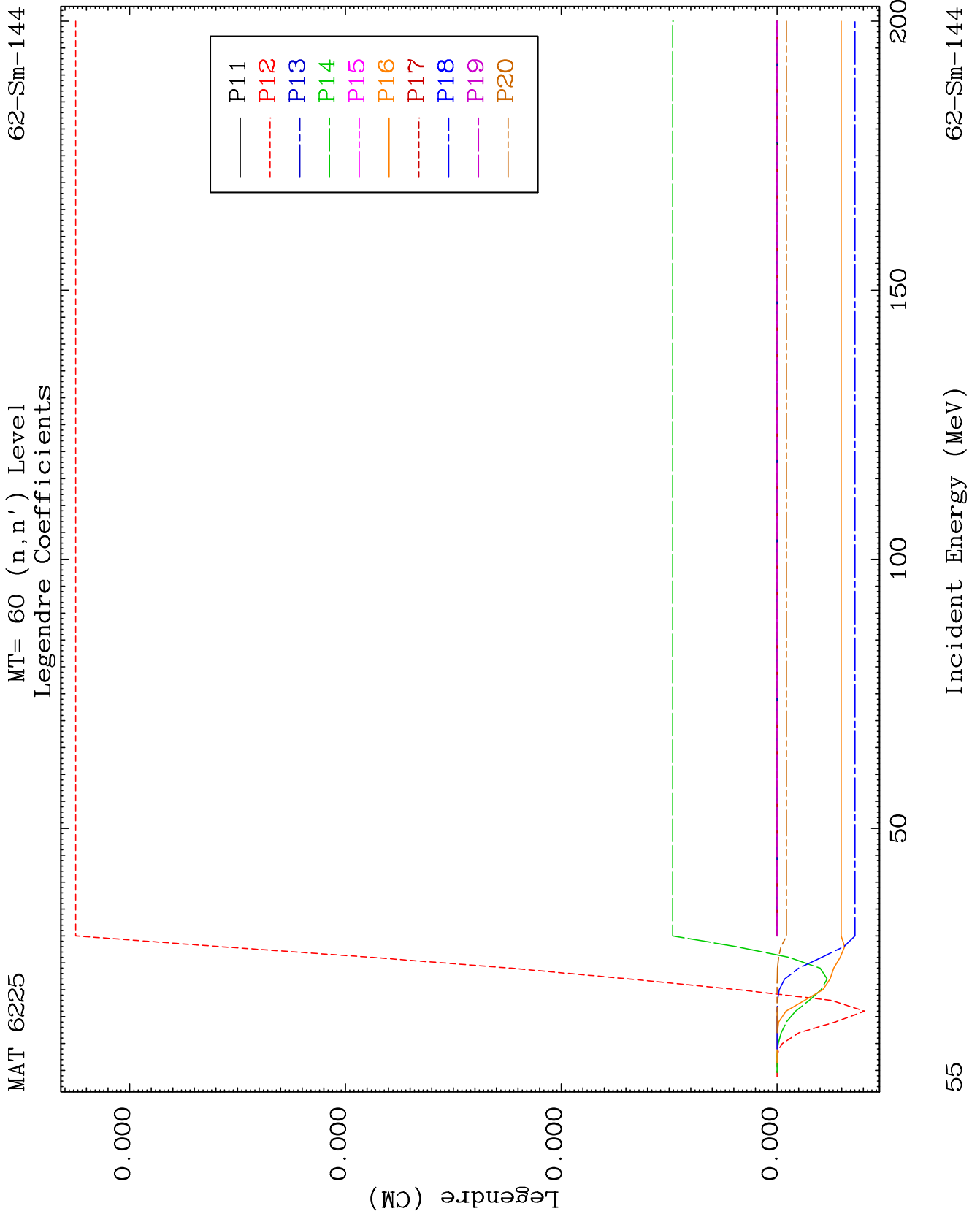


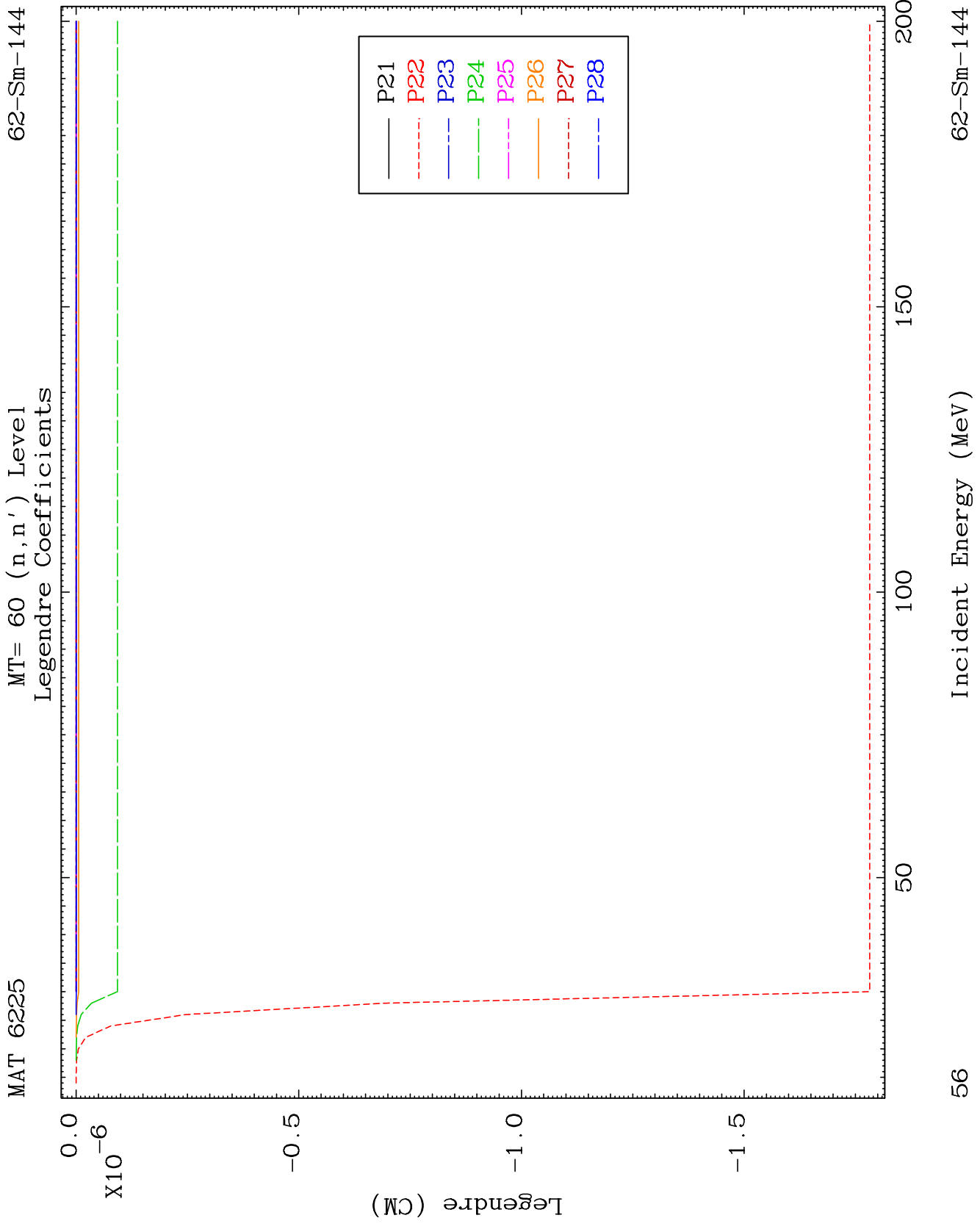
53

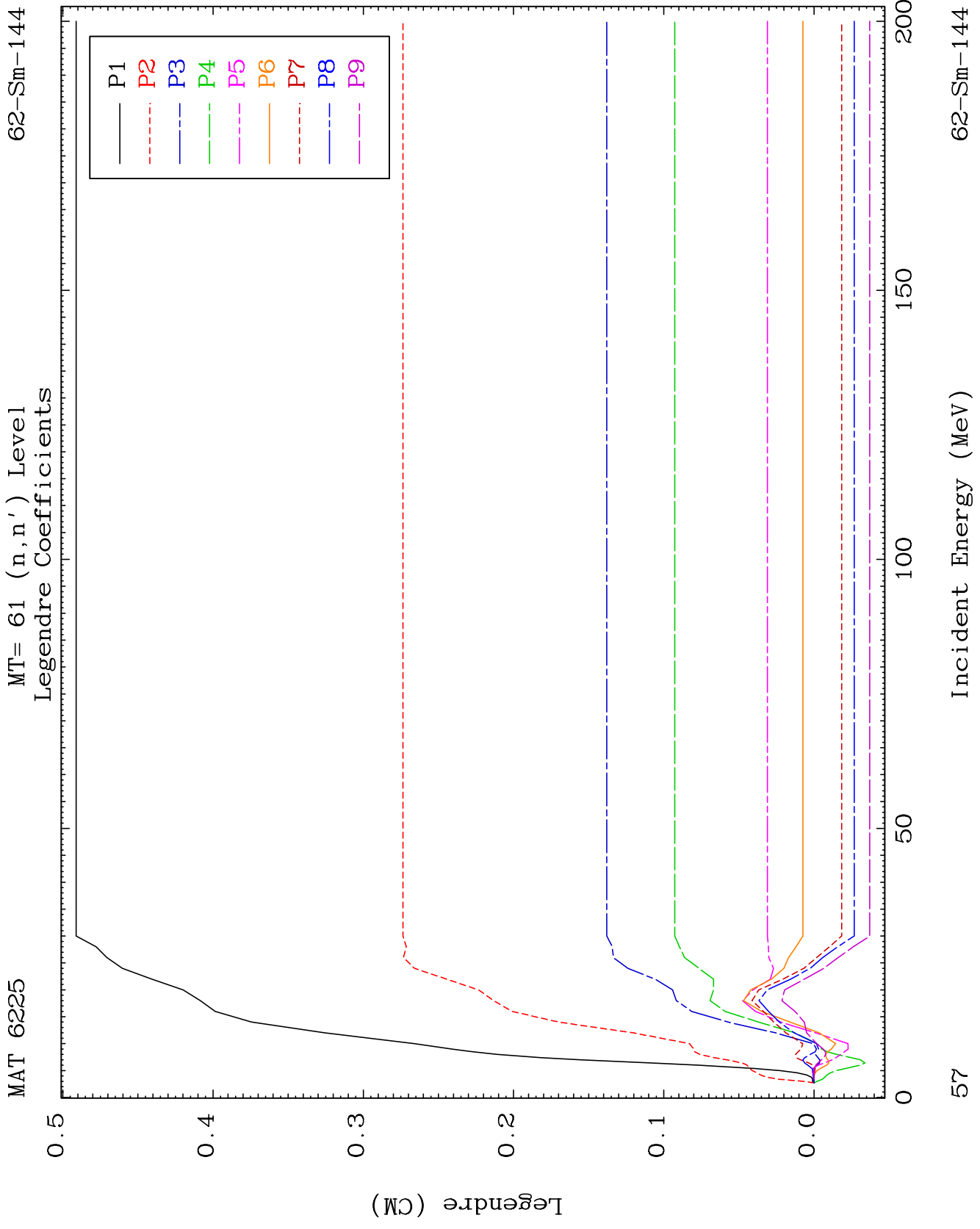
Incident Energy (MeV)

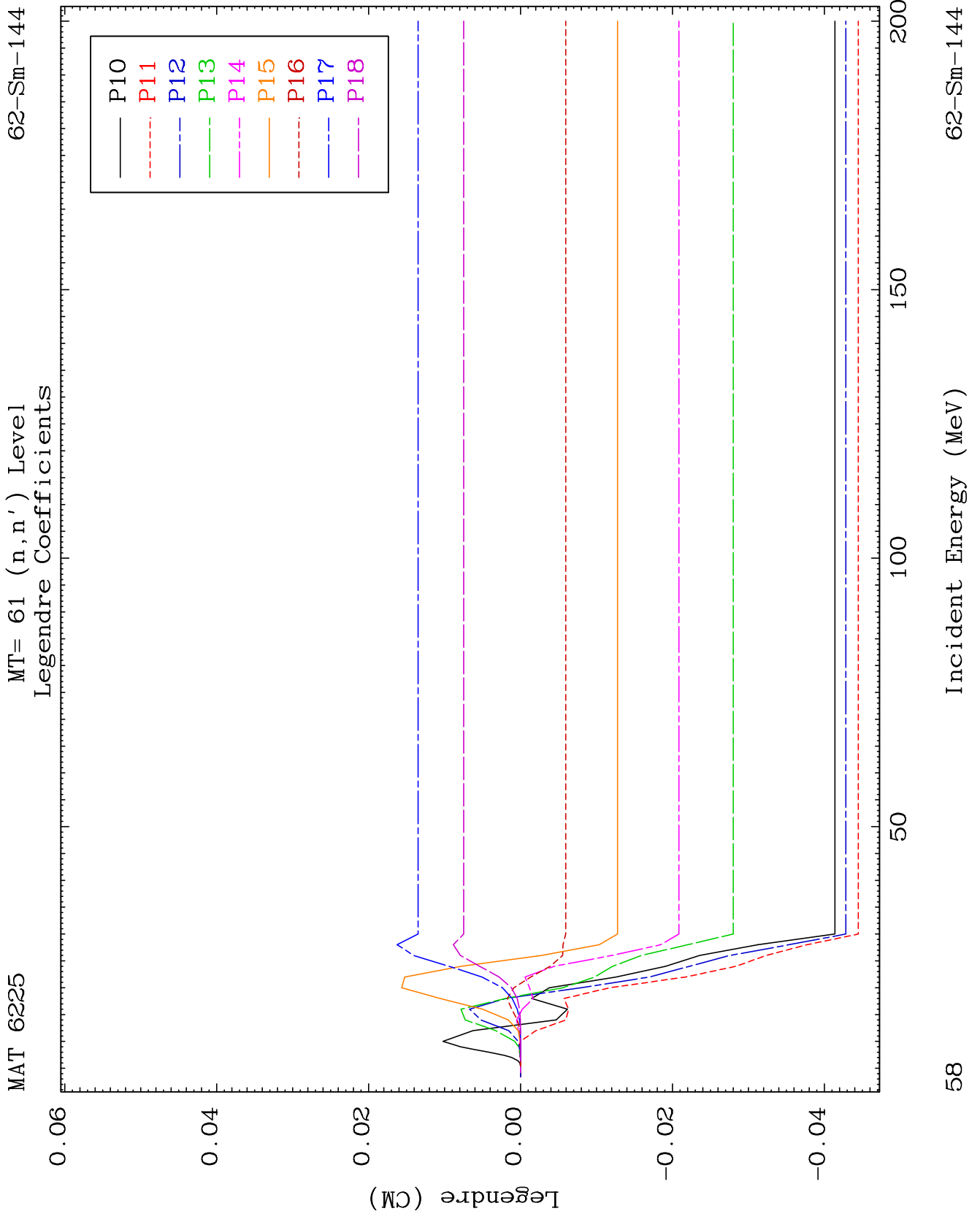
62-Sm-144







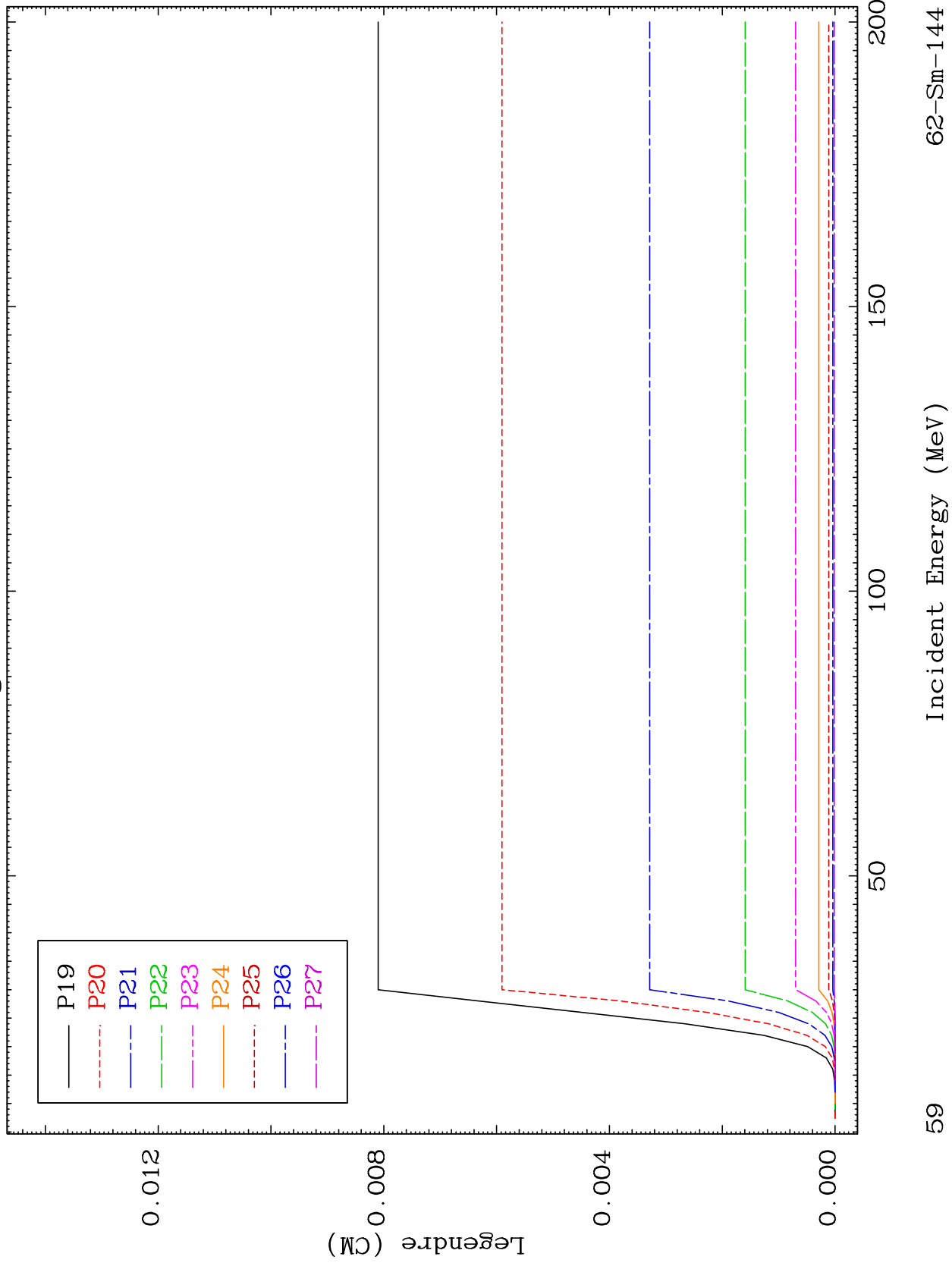




MAT 6225

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

62-Sm-144



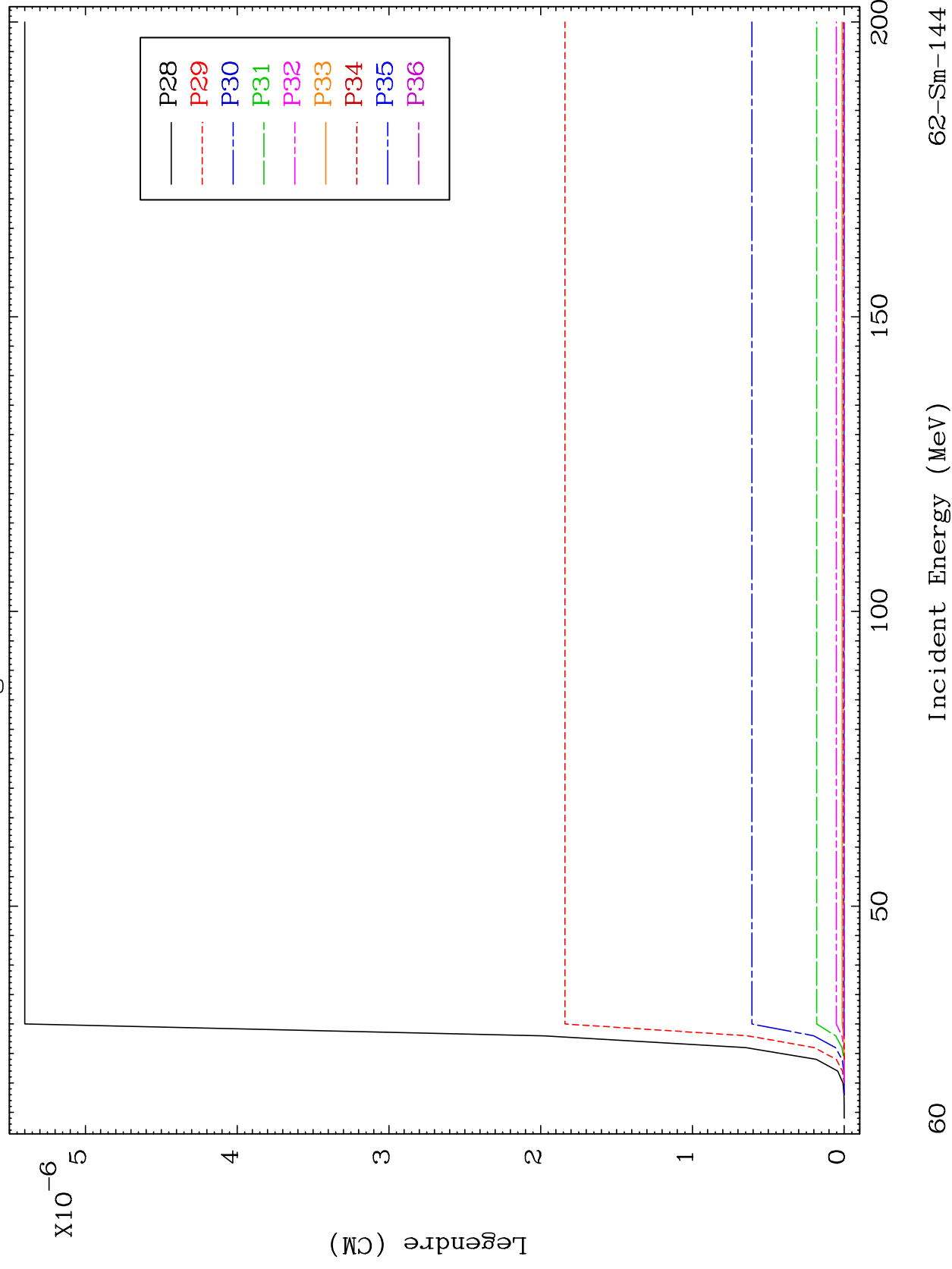
59

62-Sm-144

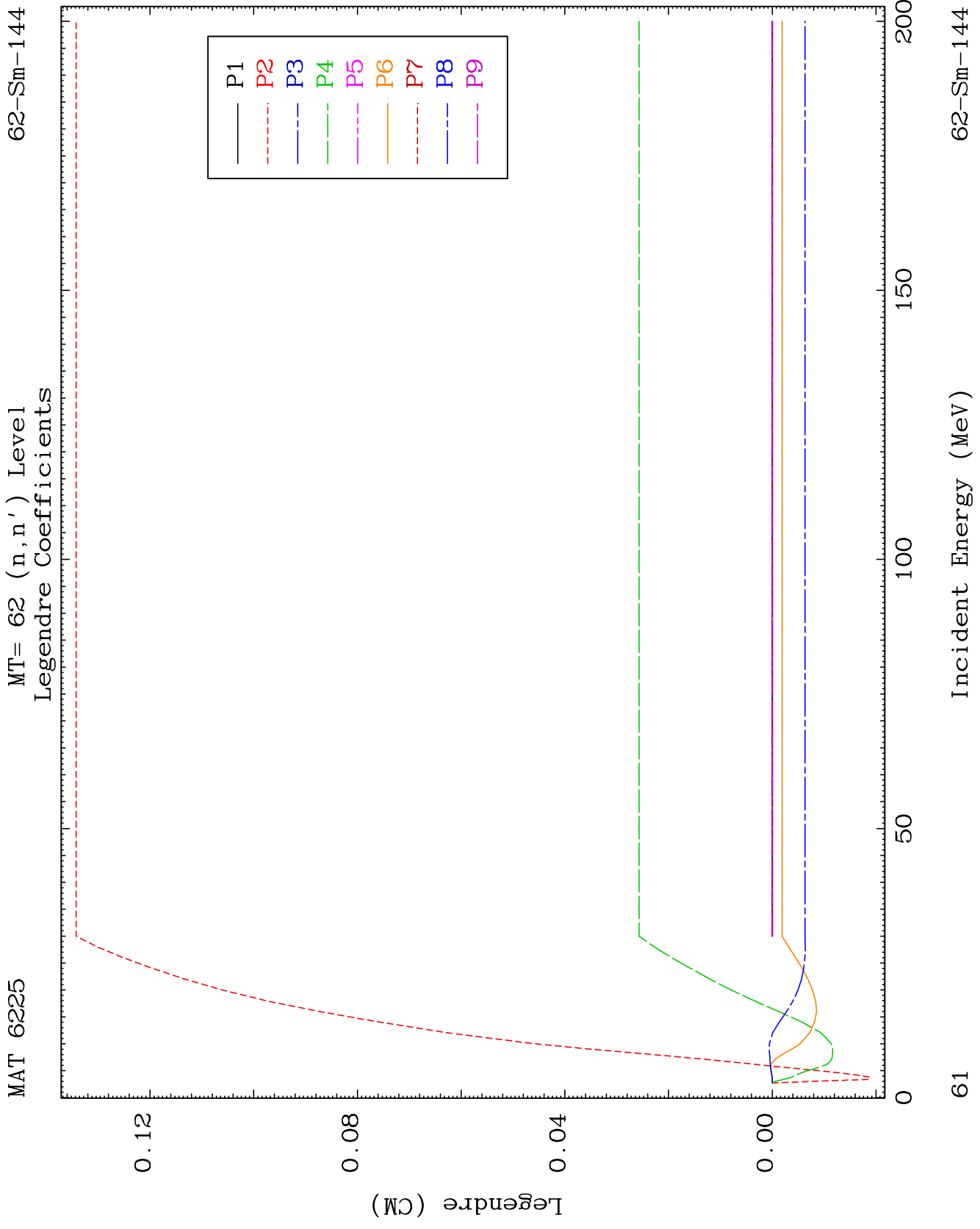
MAT 6225

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

62-Sm-144



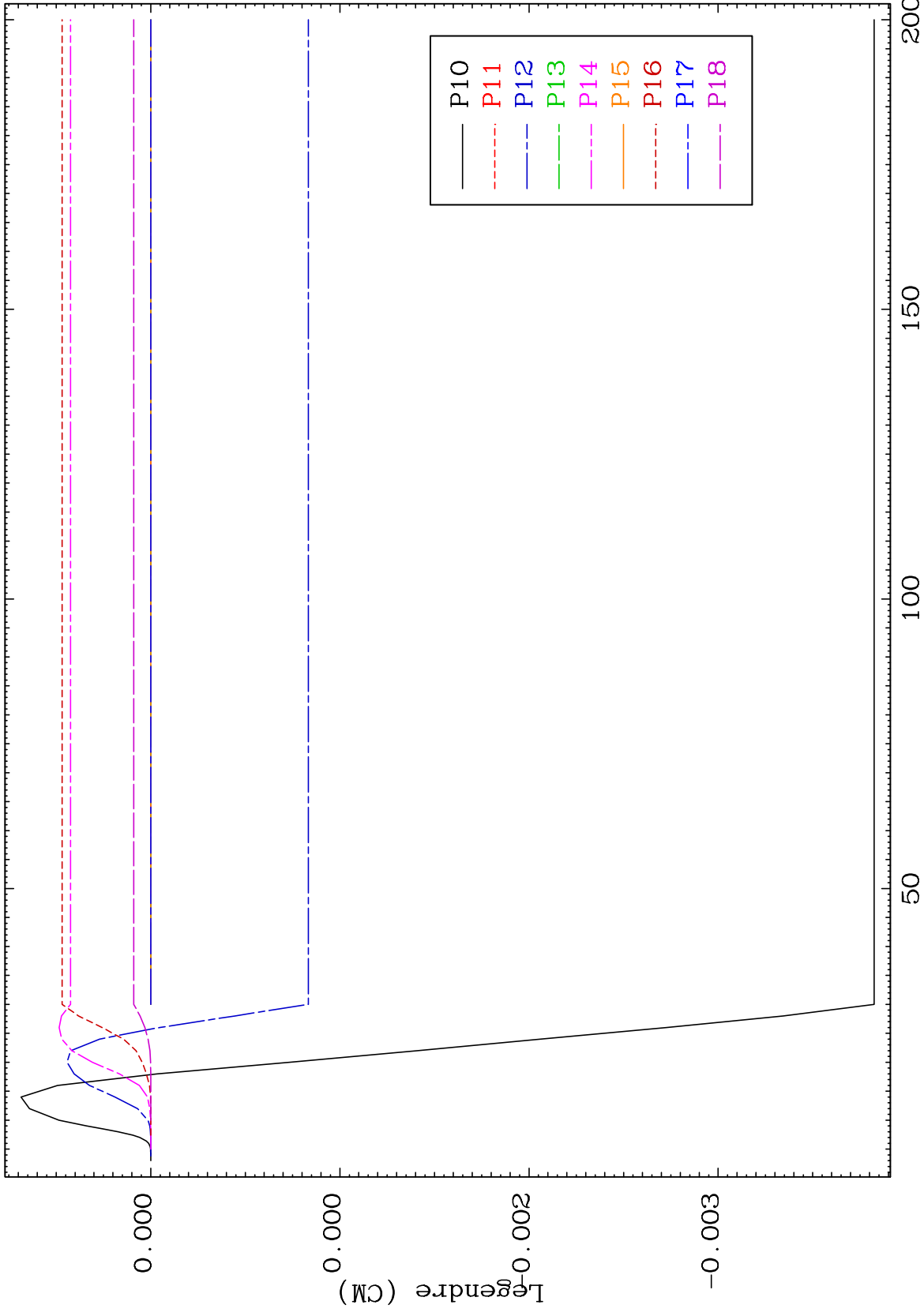
62-Sm-144



MAT 6225

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

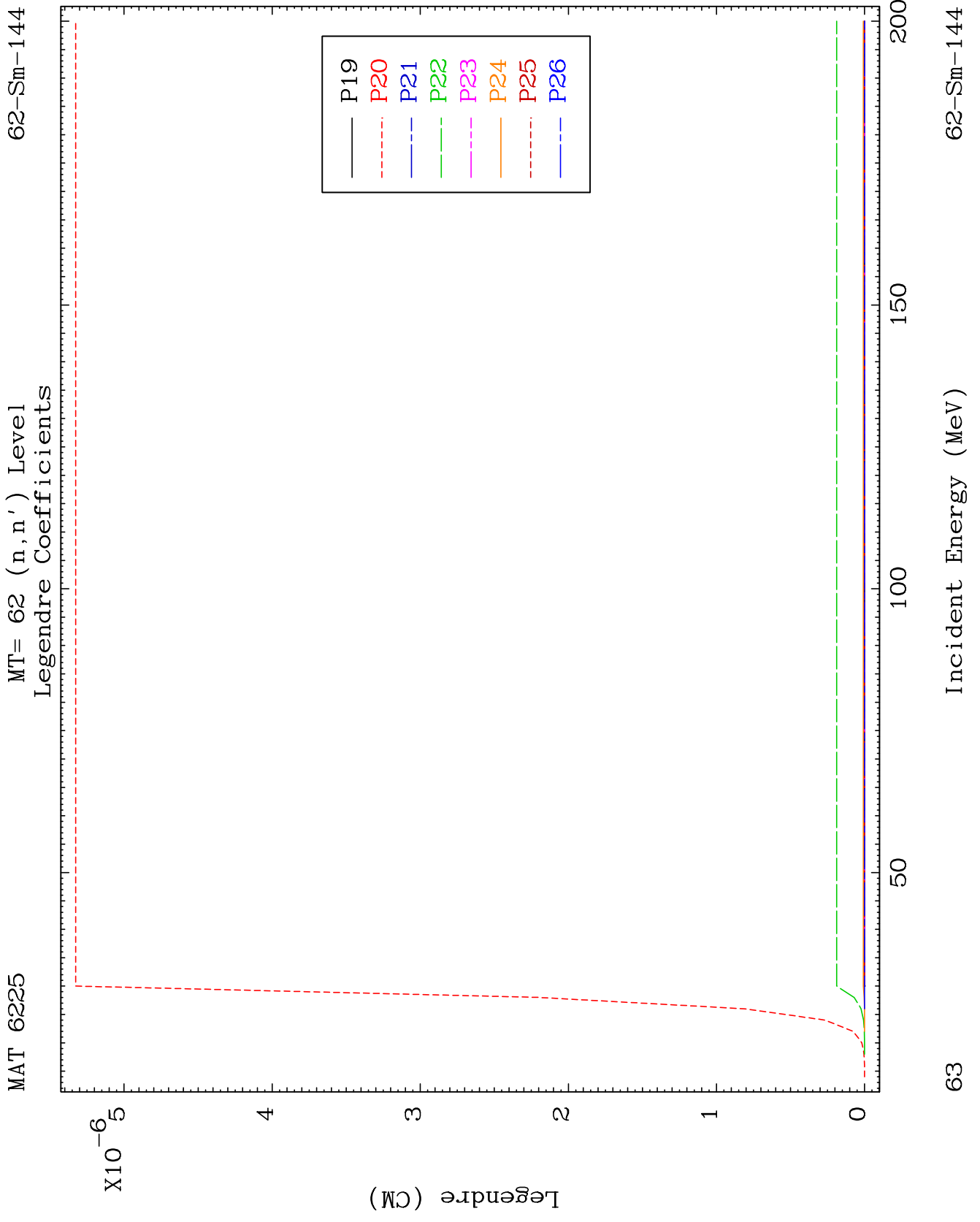
62-Sm-144

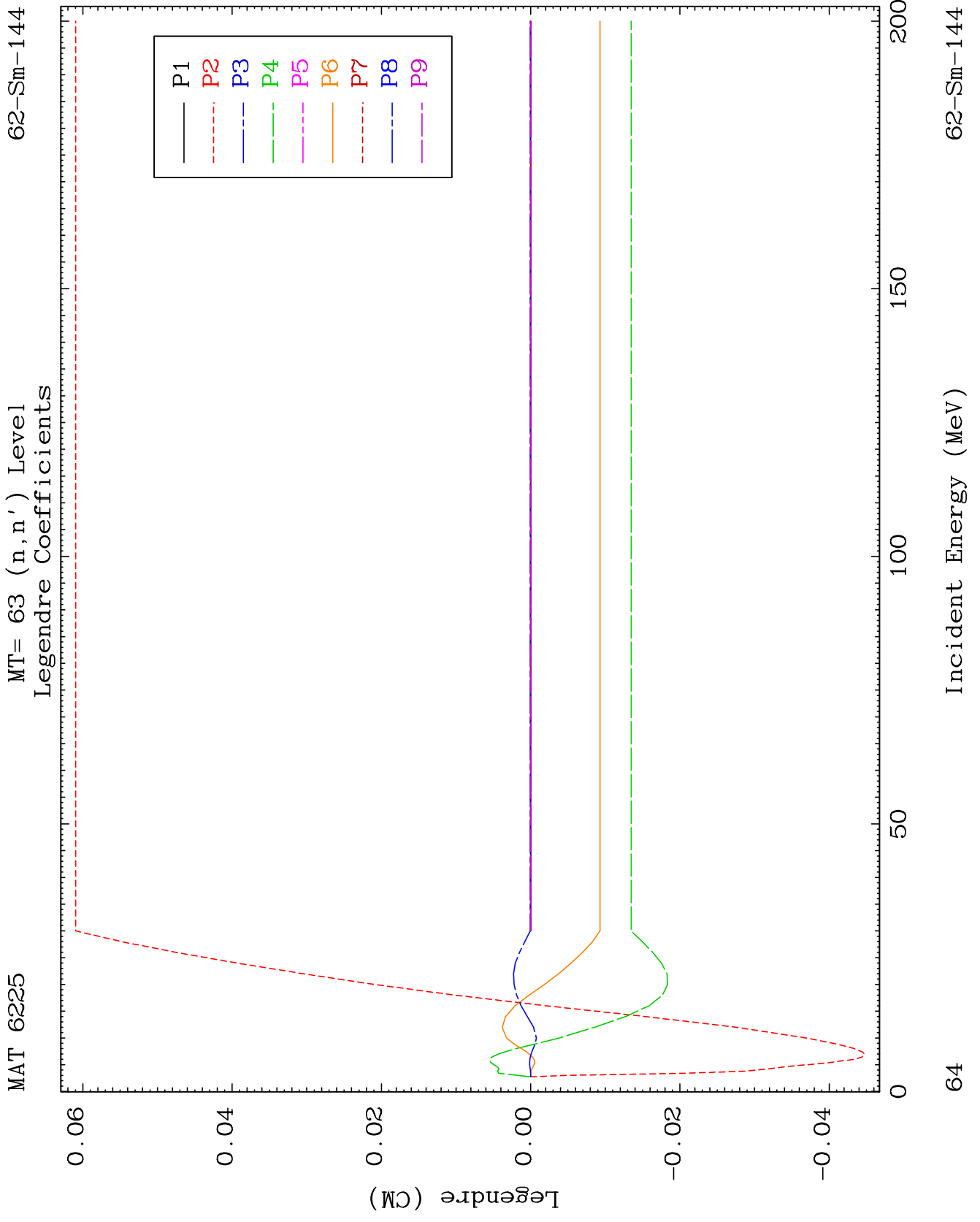


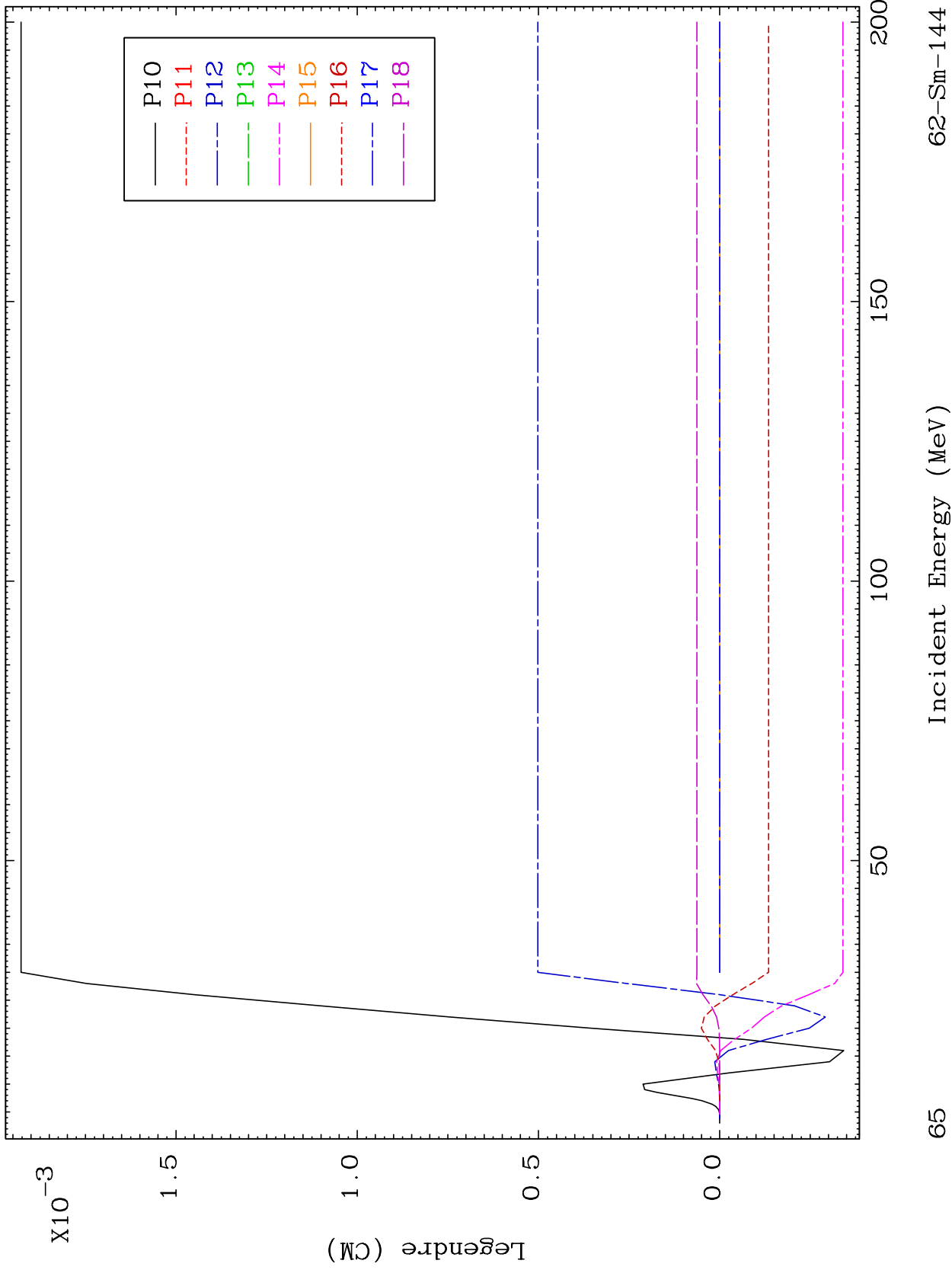
62

Incident Energy (MeV)

62-Sm-144



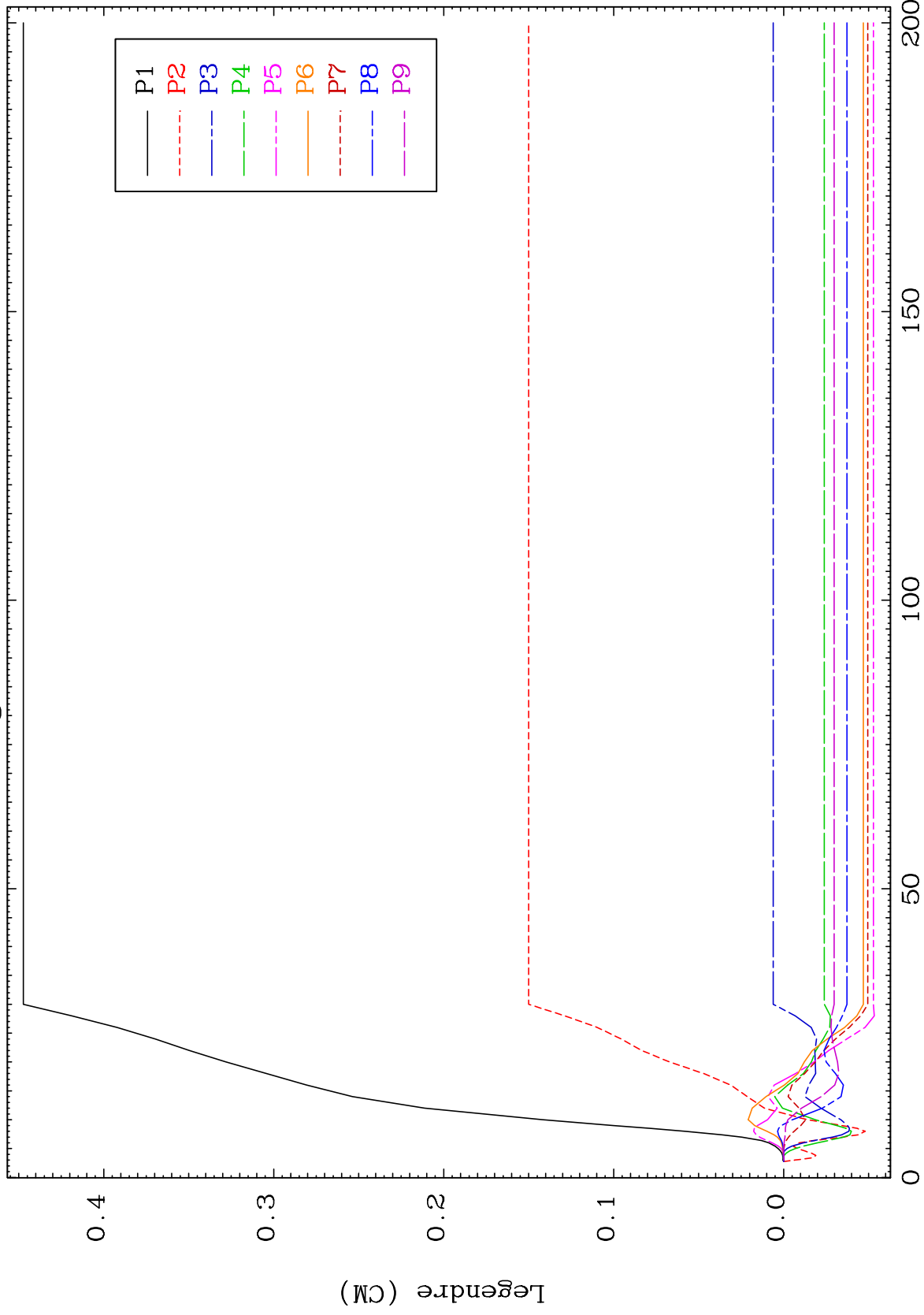




MAT 6225

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

62-Sm-144



67

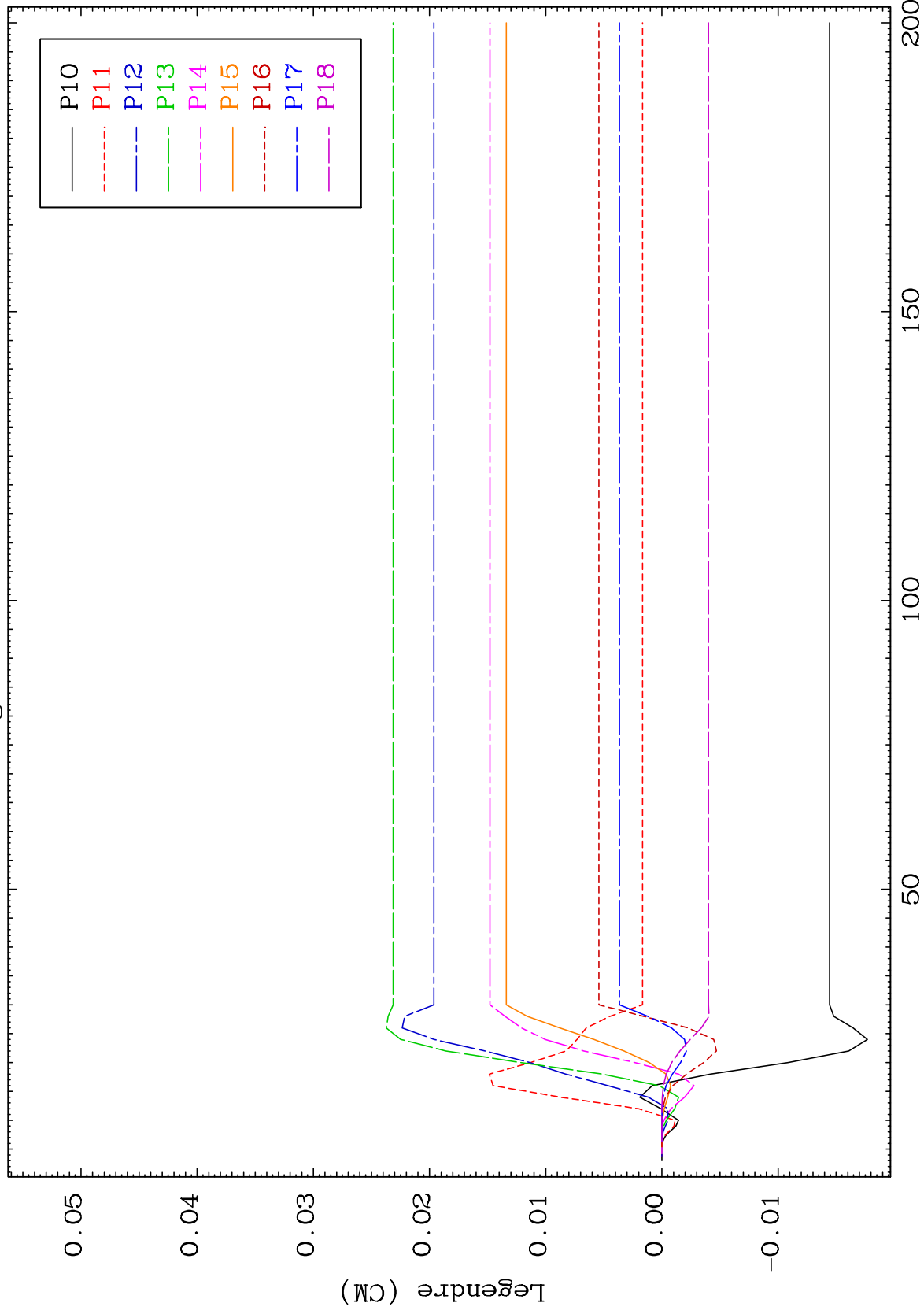
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



68

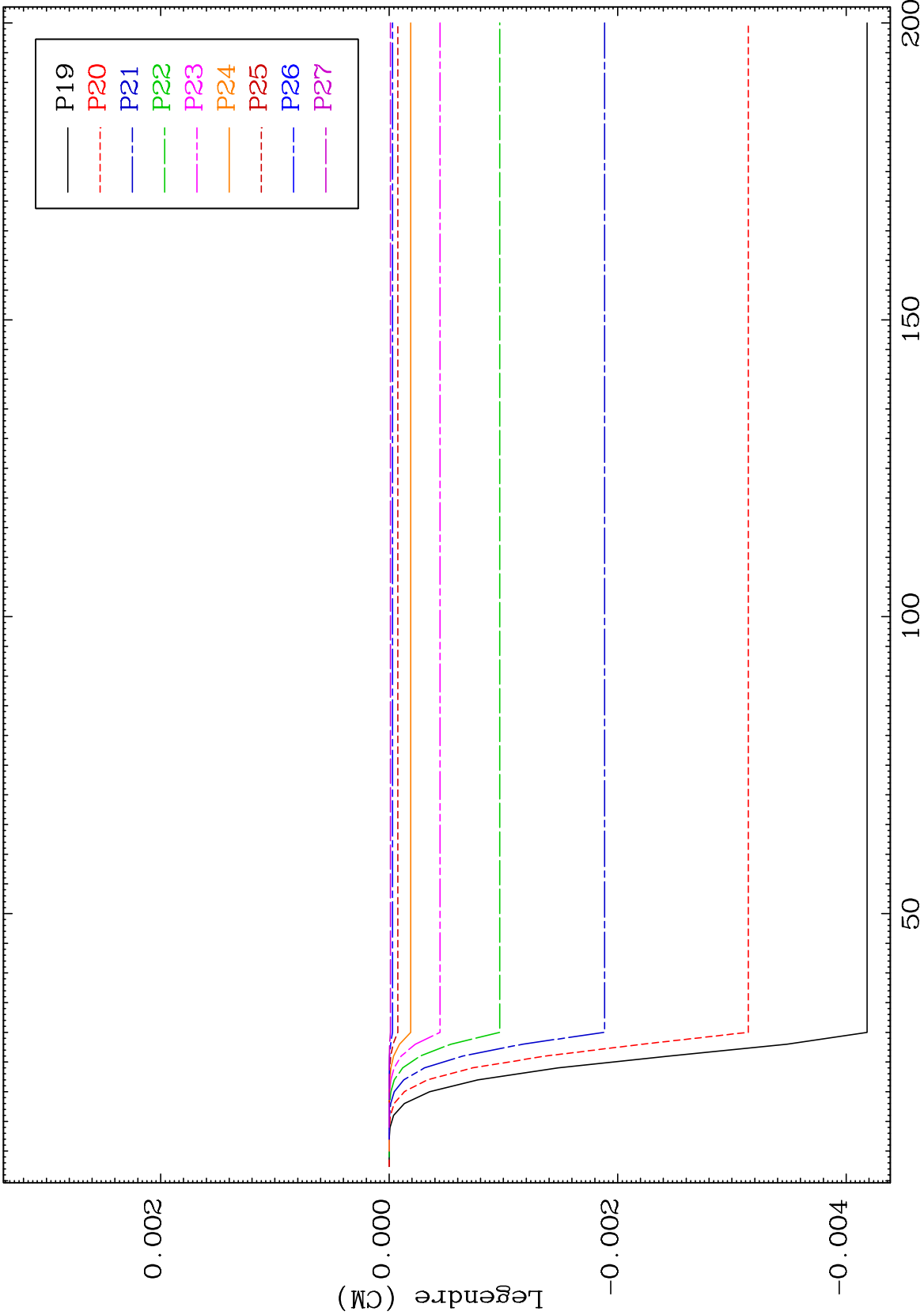
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

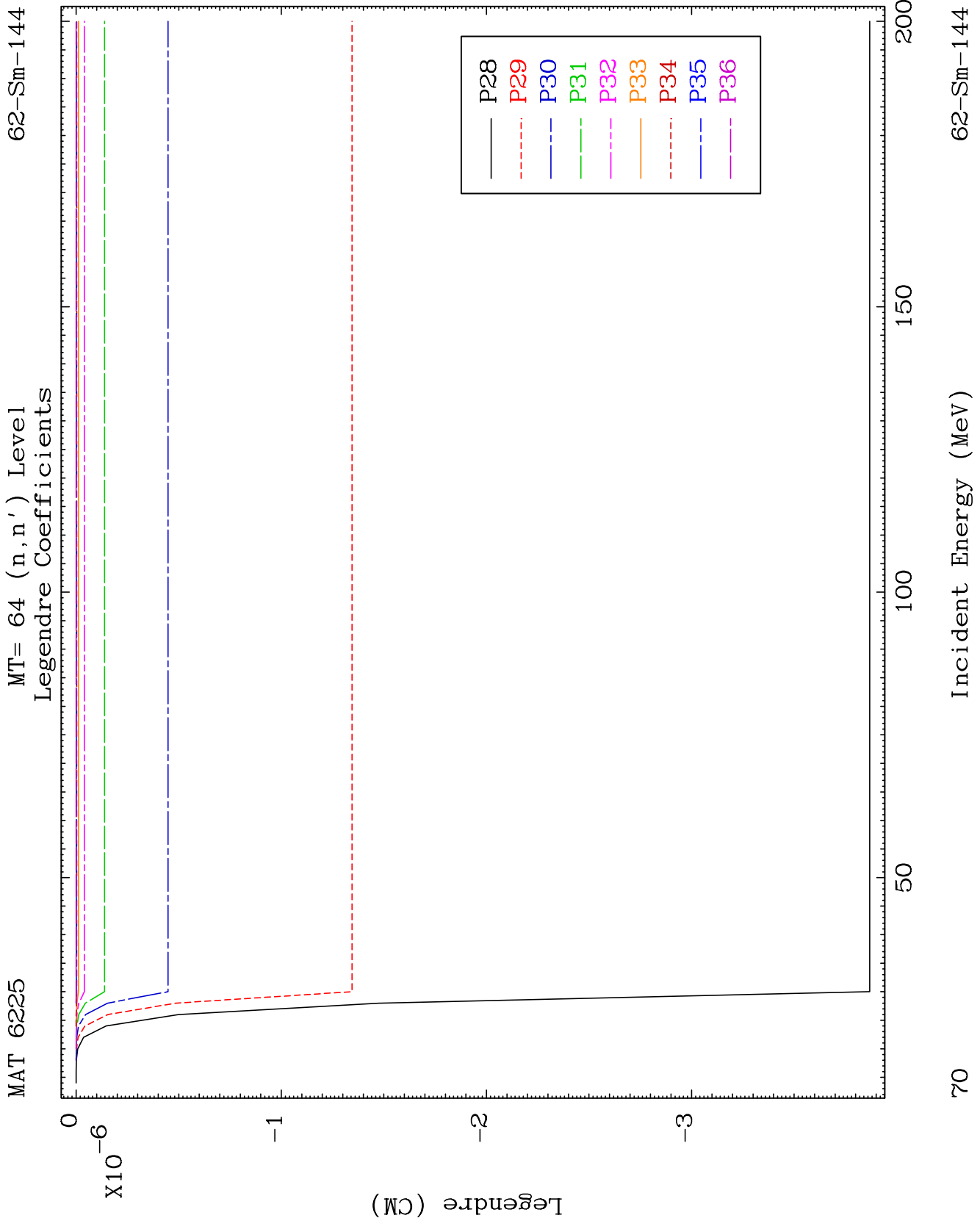
62-Sm-144



69

Incident Energy (MeV)

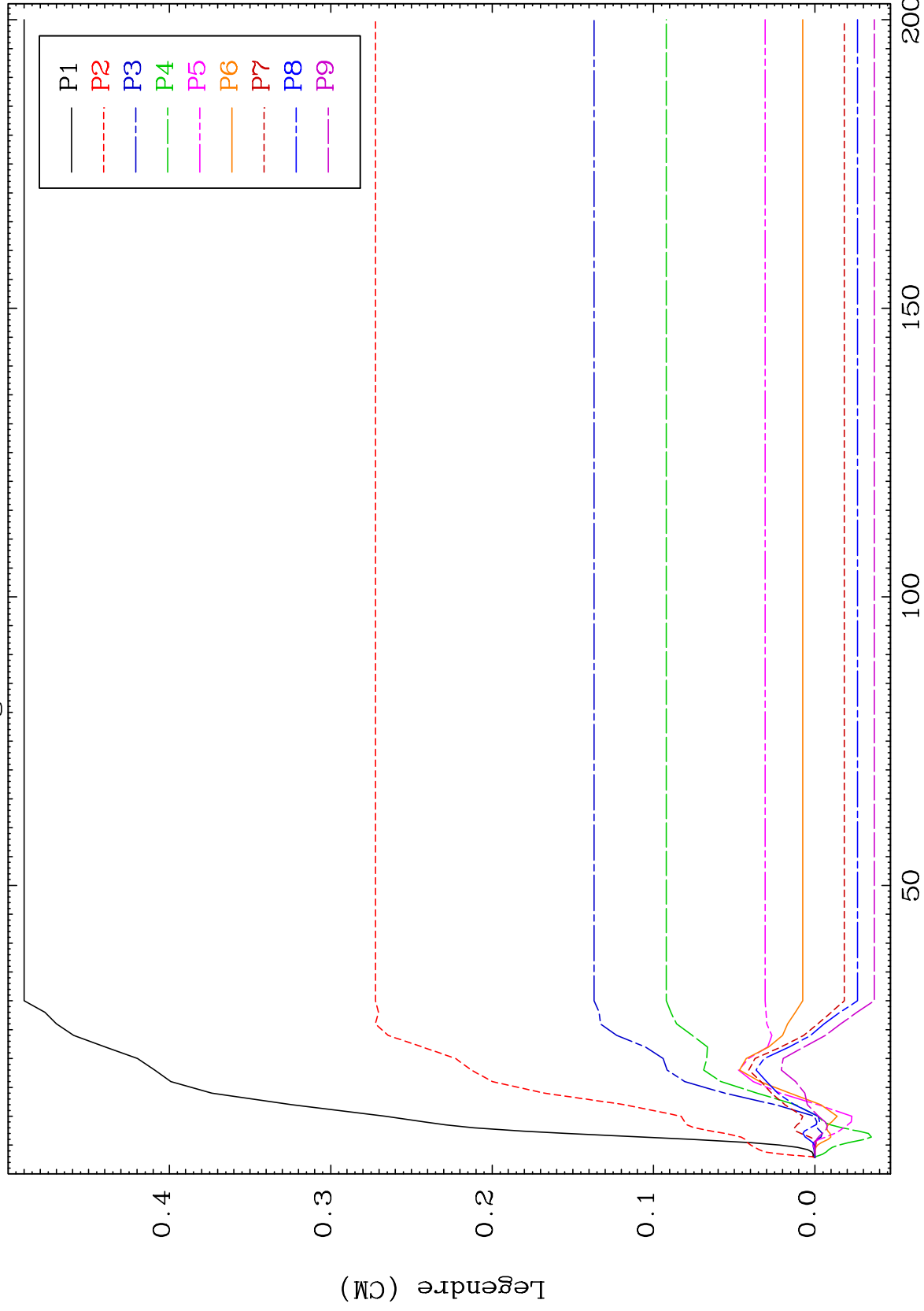
62-Sm-144



MAT 6225

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

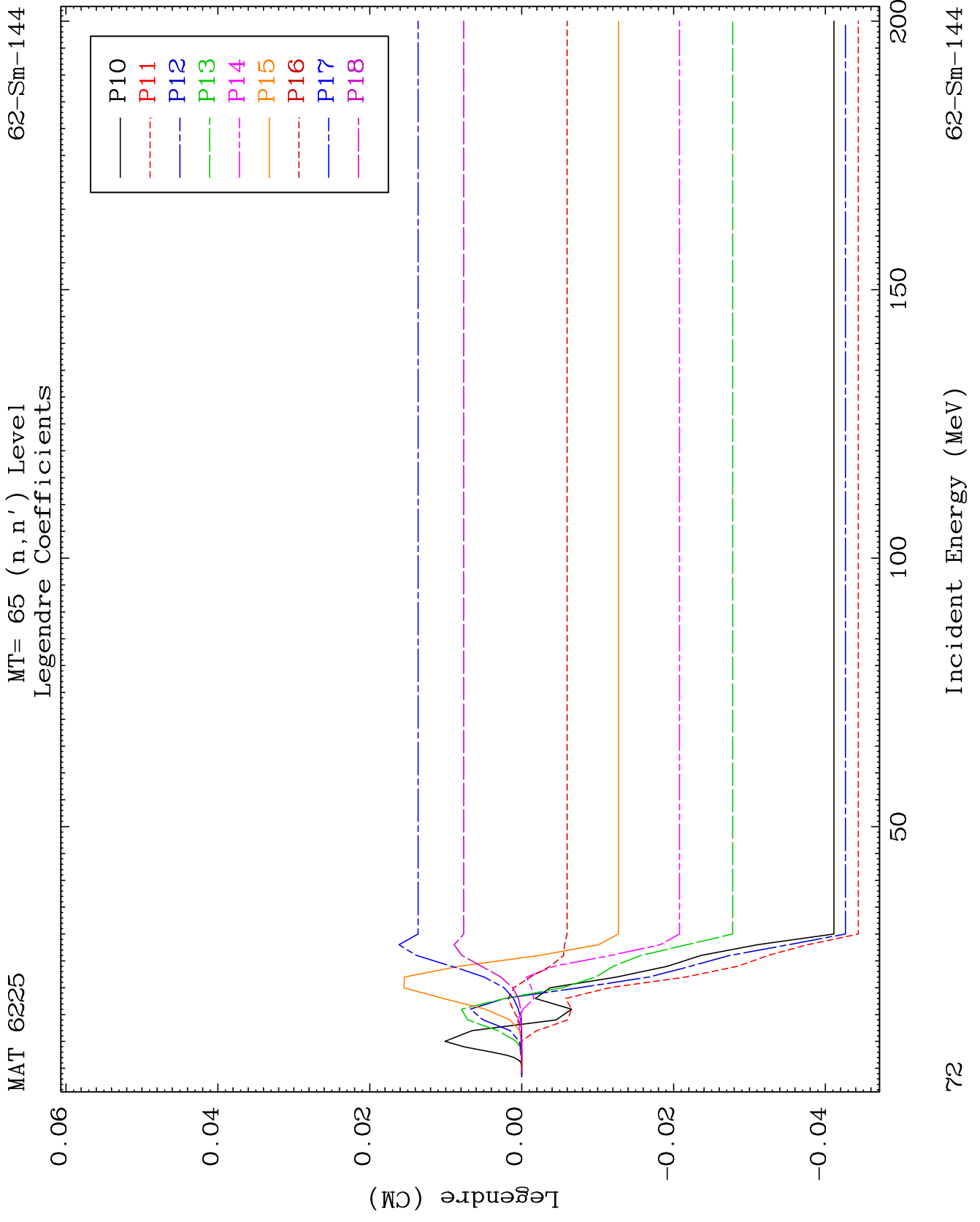
62-Sm-144



71

Incident Energy (MeV)

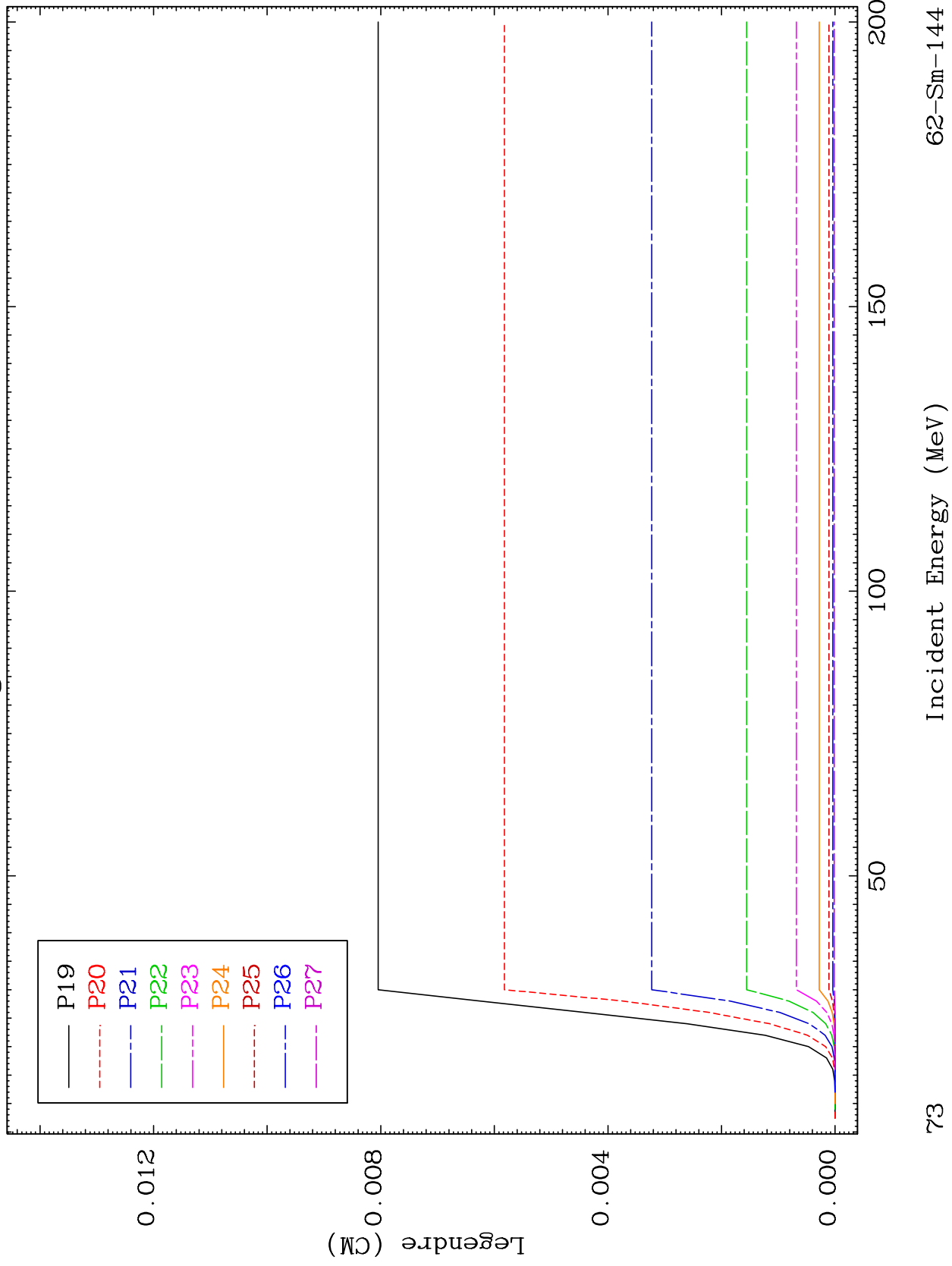
62-Sm-144



MAT 6225

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

62-Sm-144



73

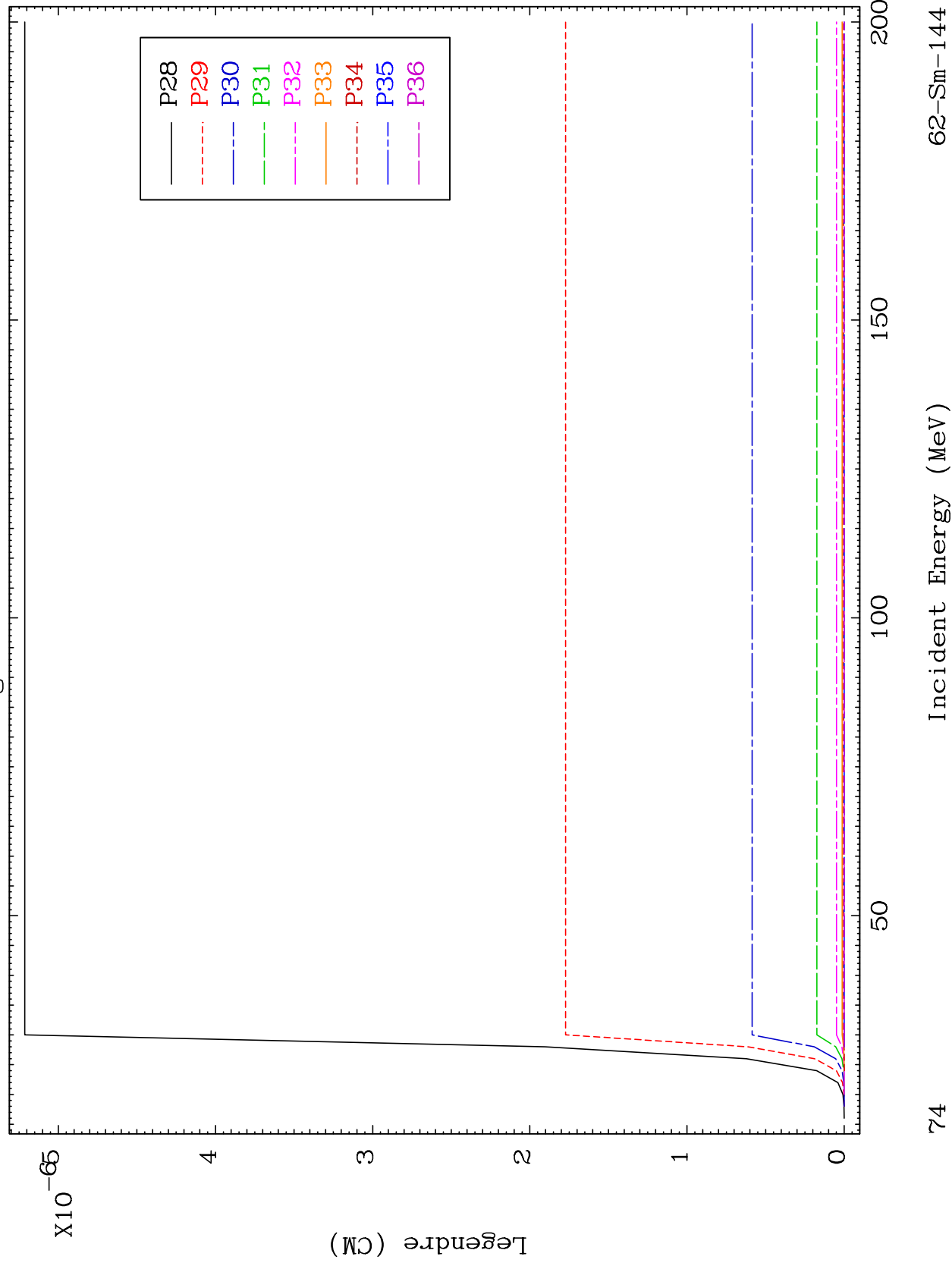
Incident Energy (MeV)

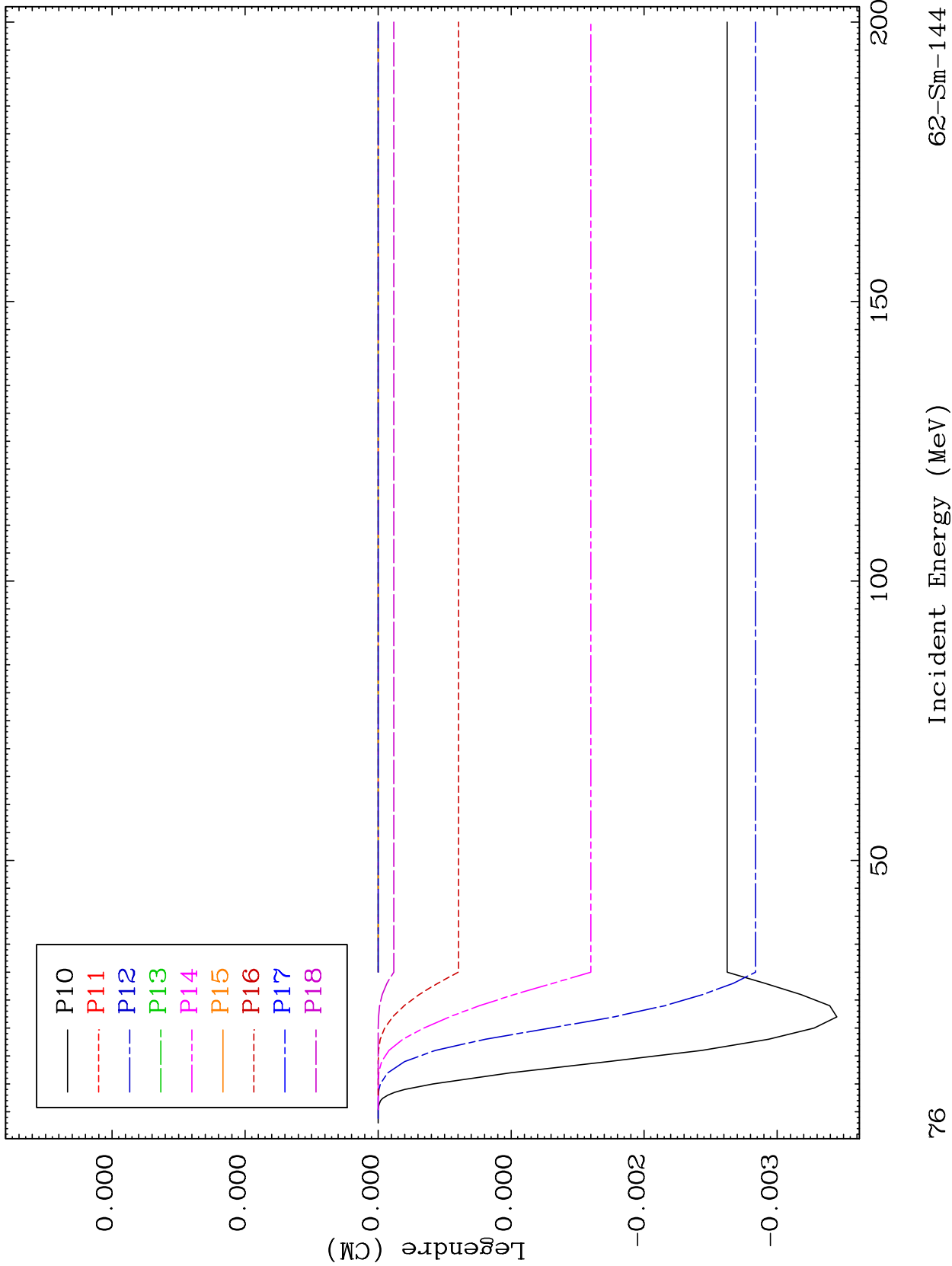
62-Sm-144

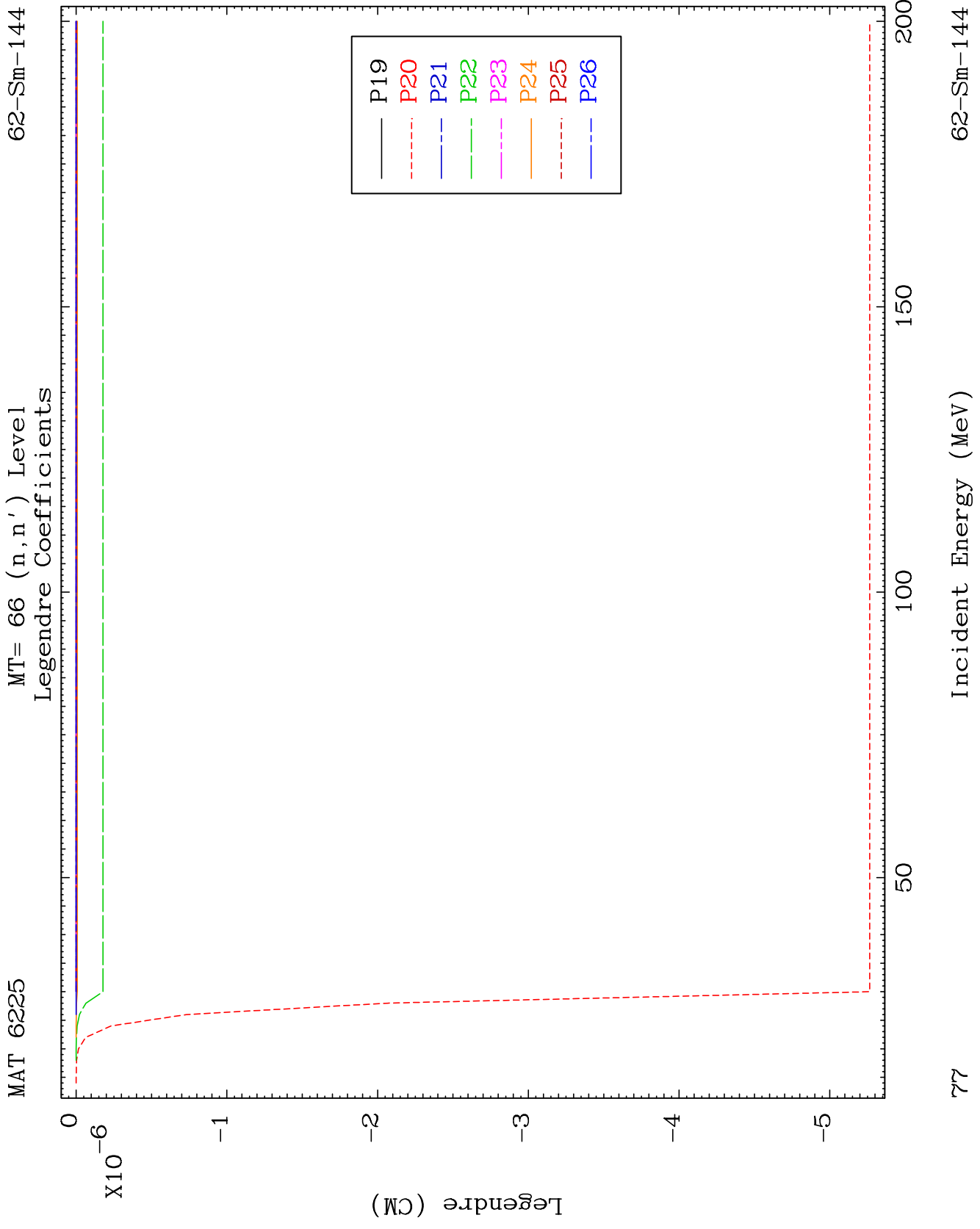
MAT 6225

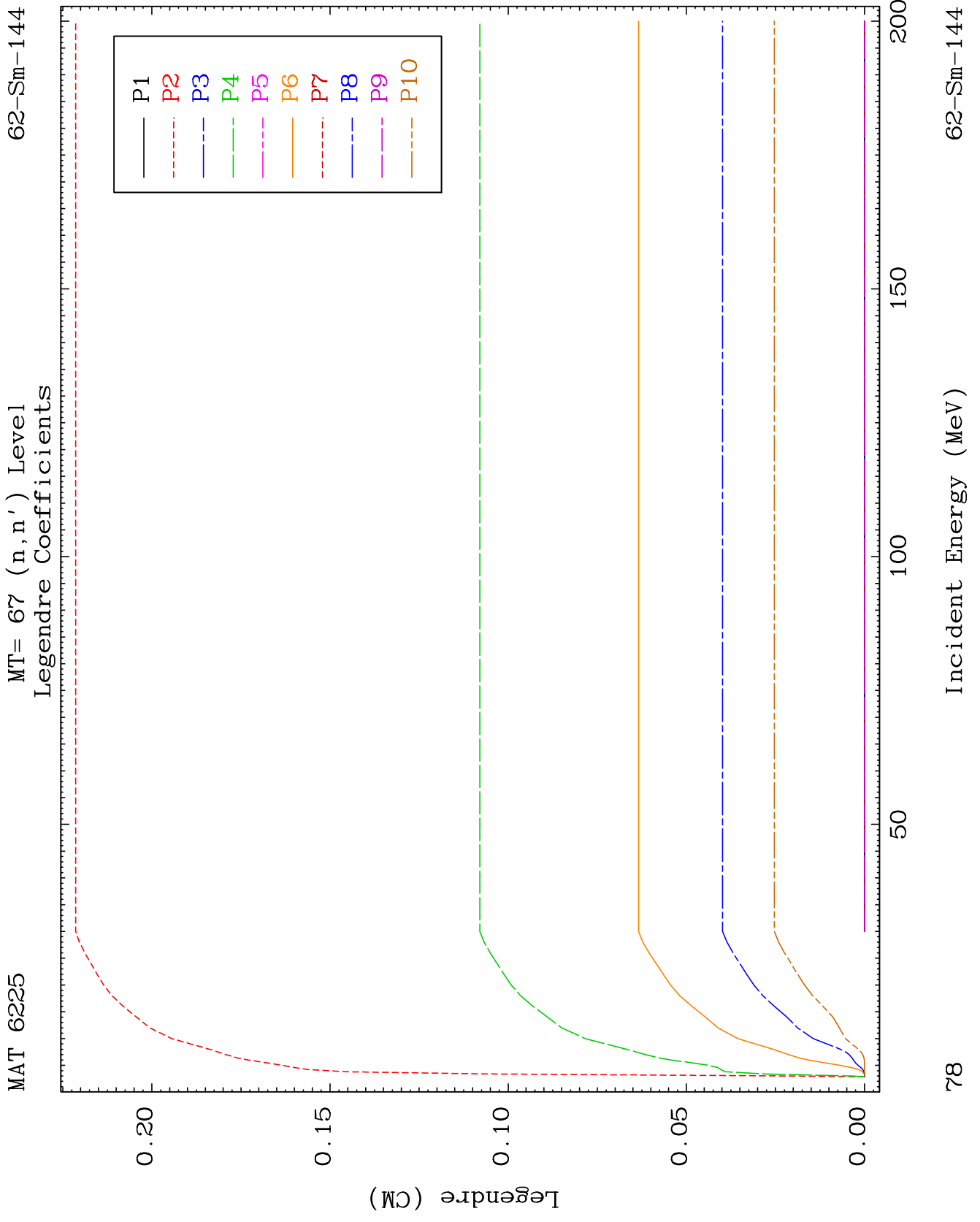
MT= 65 (n,n') Level
Legendre Coefficients

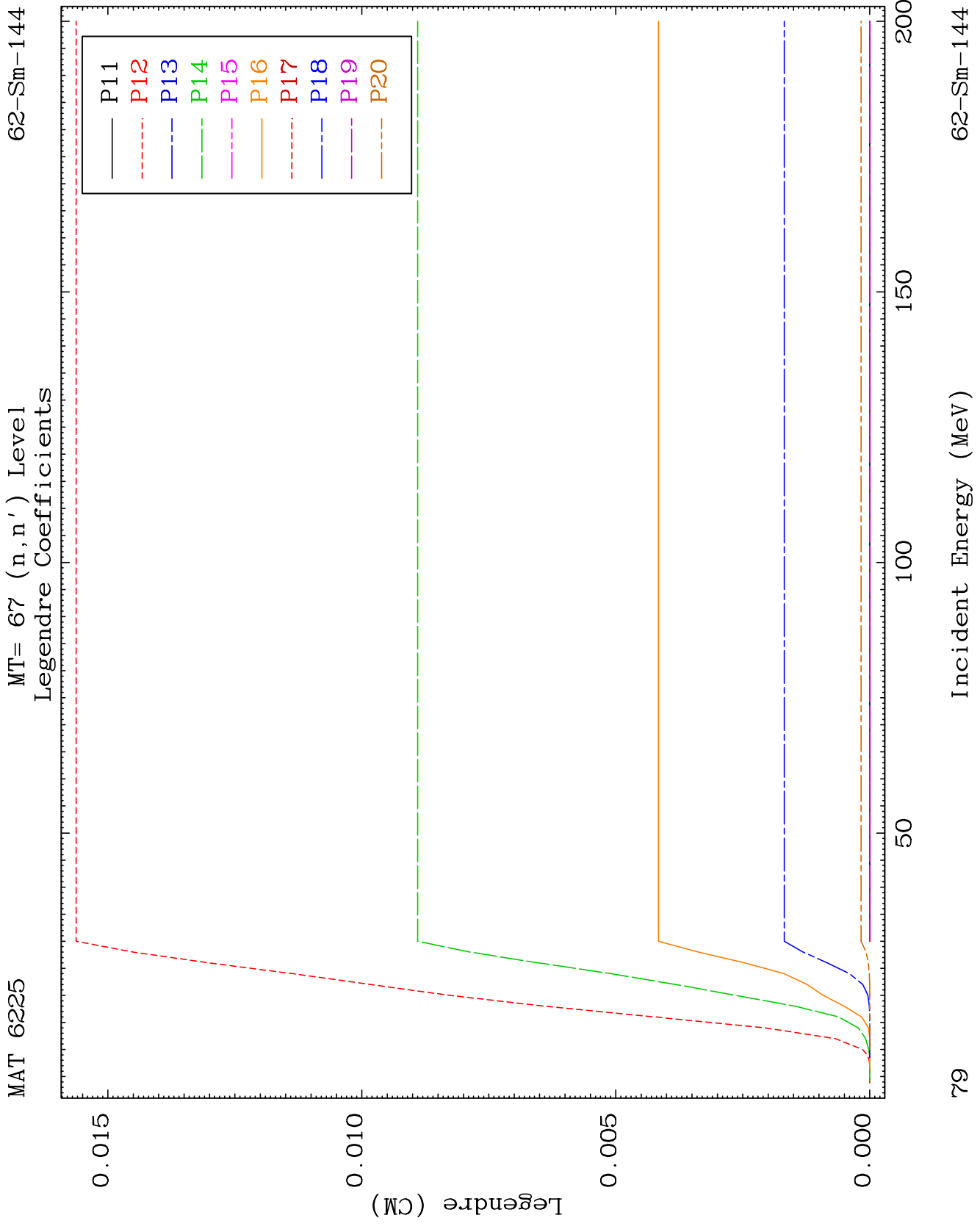
62-Sm-144







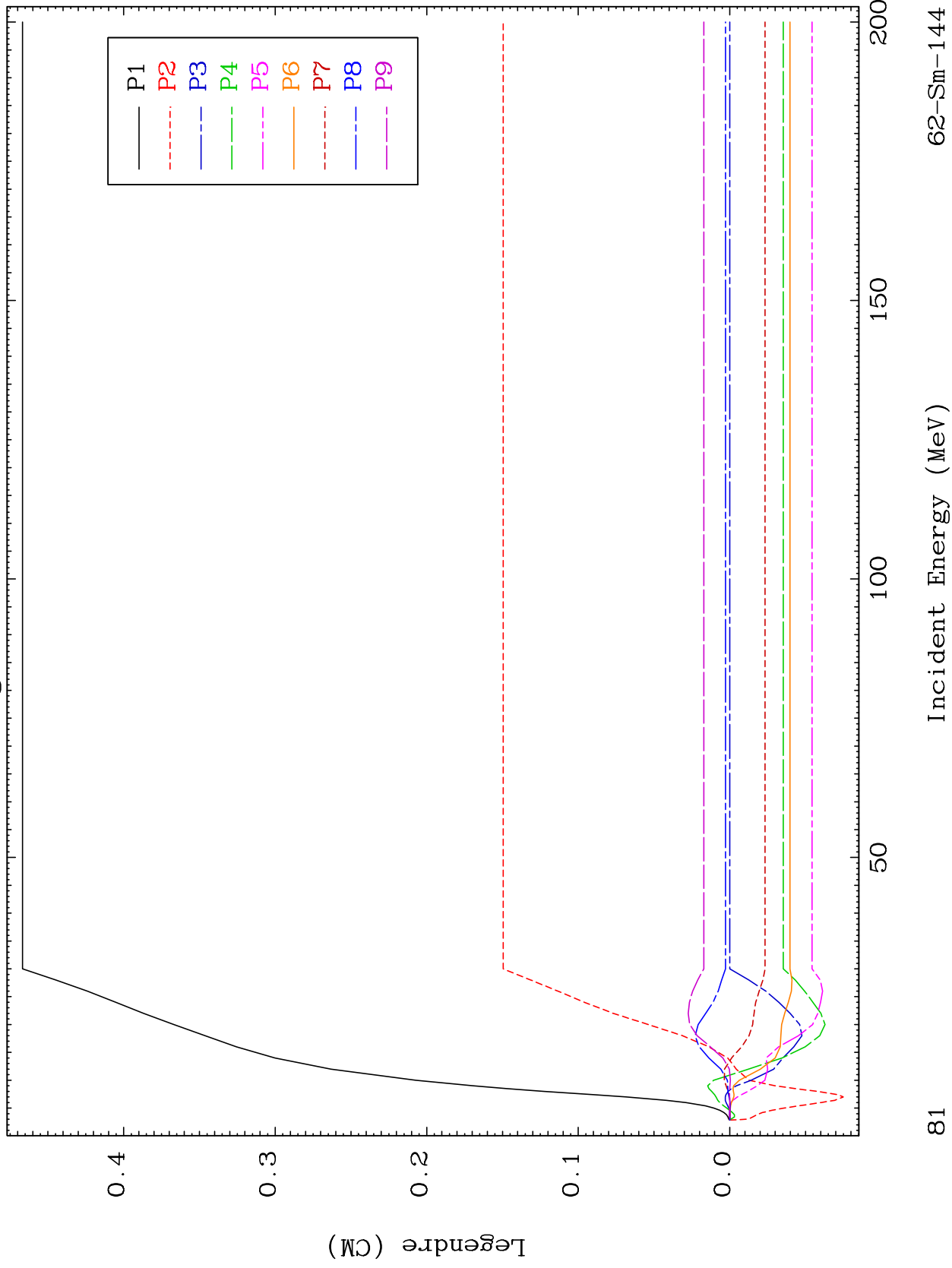




MAT 6225

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

62-Sm-144



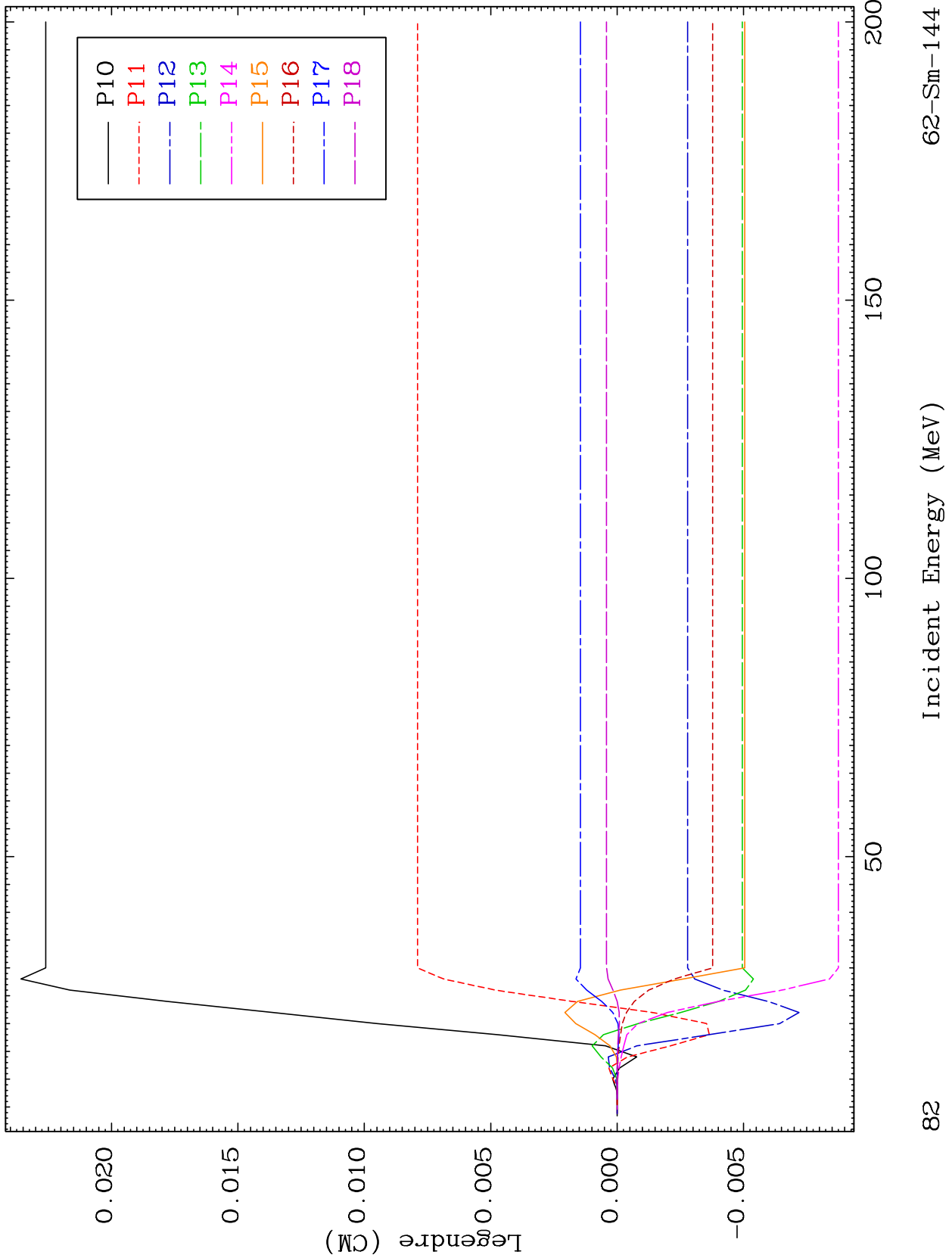
81

62-Sm-144

MAT 6225

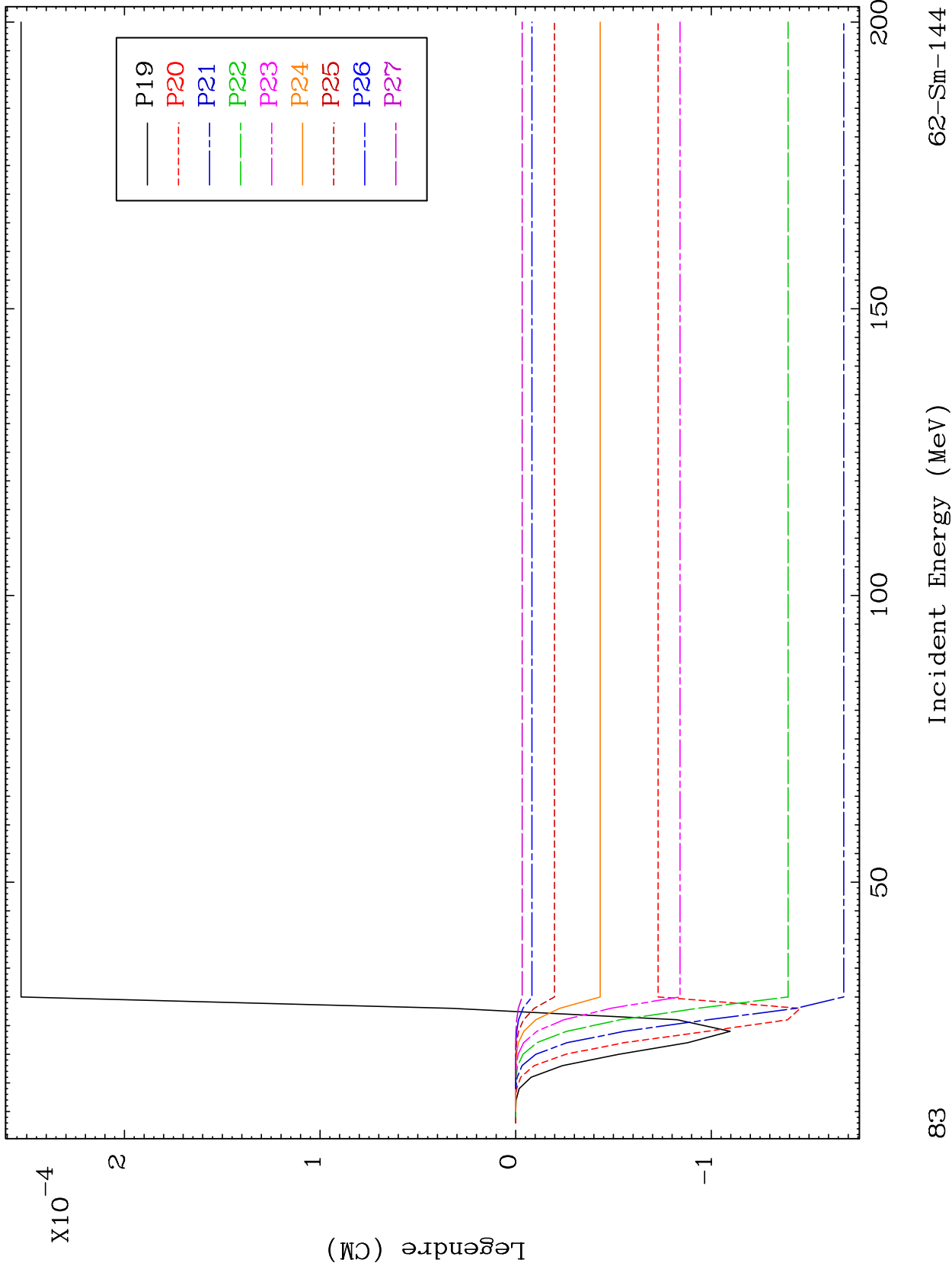
MT= 68 (n,n') Level
Legendre Coefficients

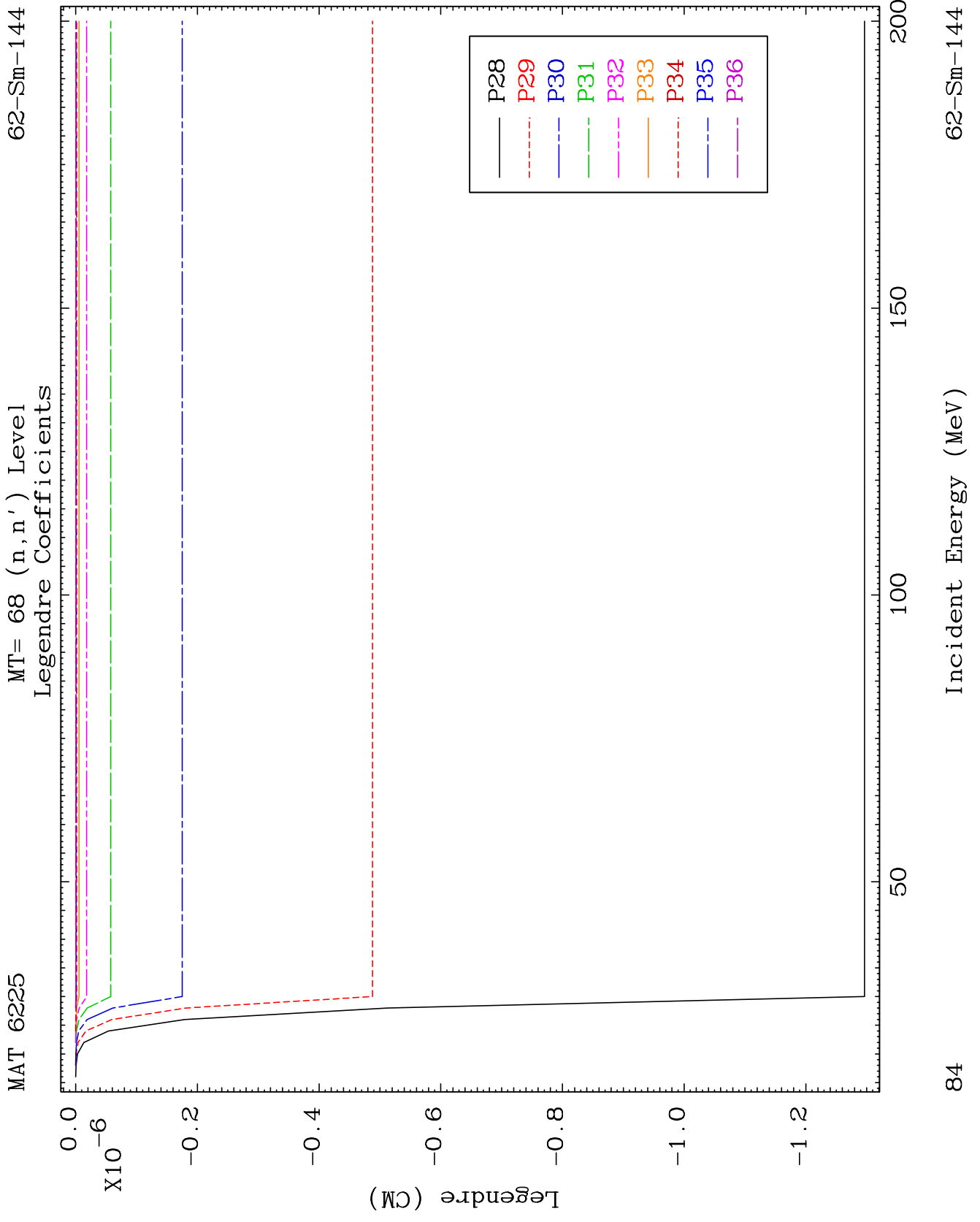
62-Sm-144

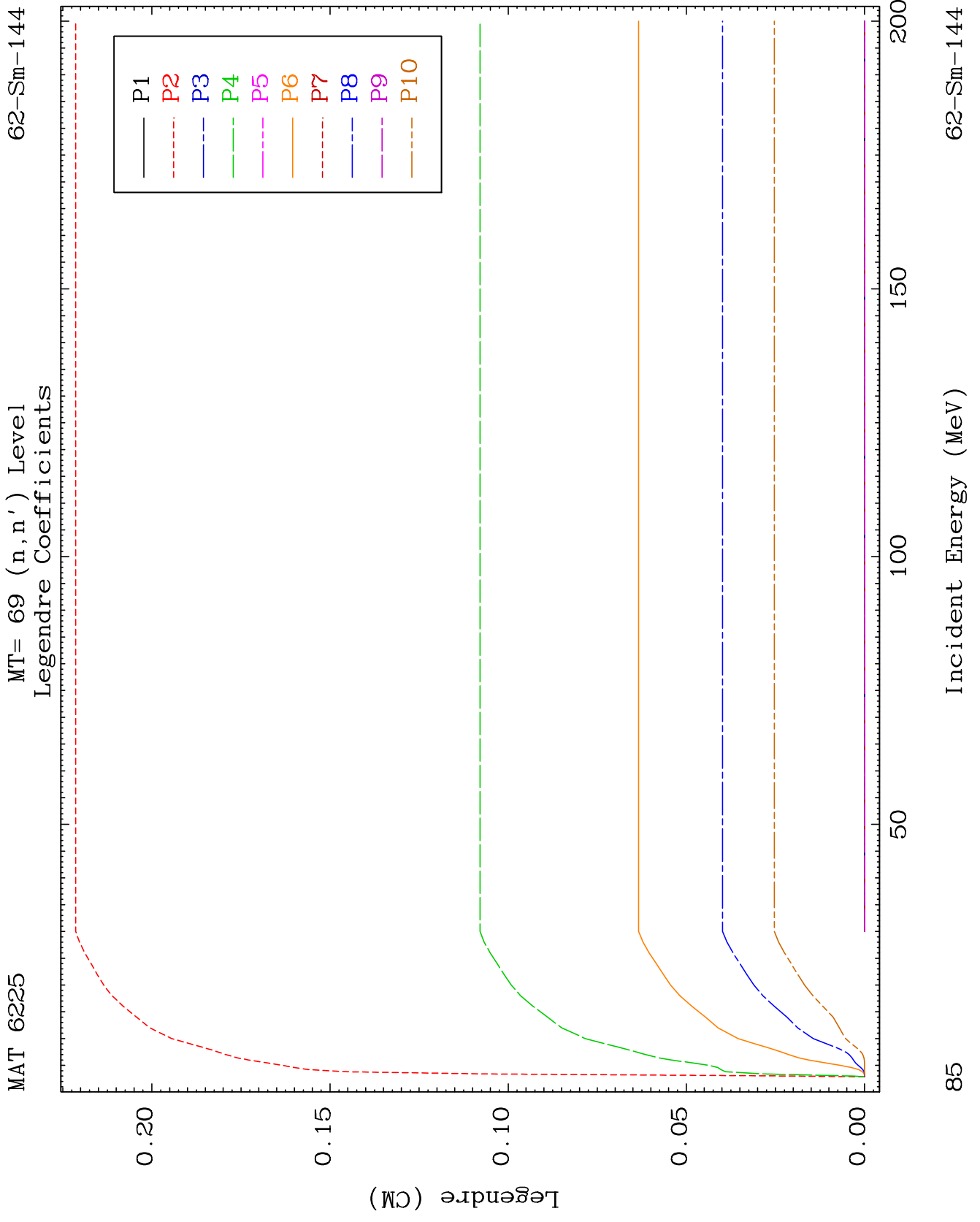


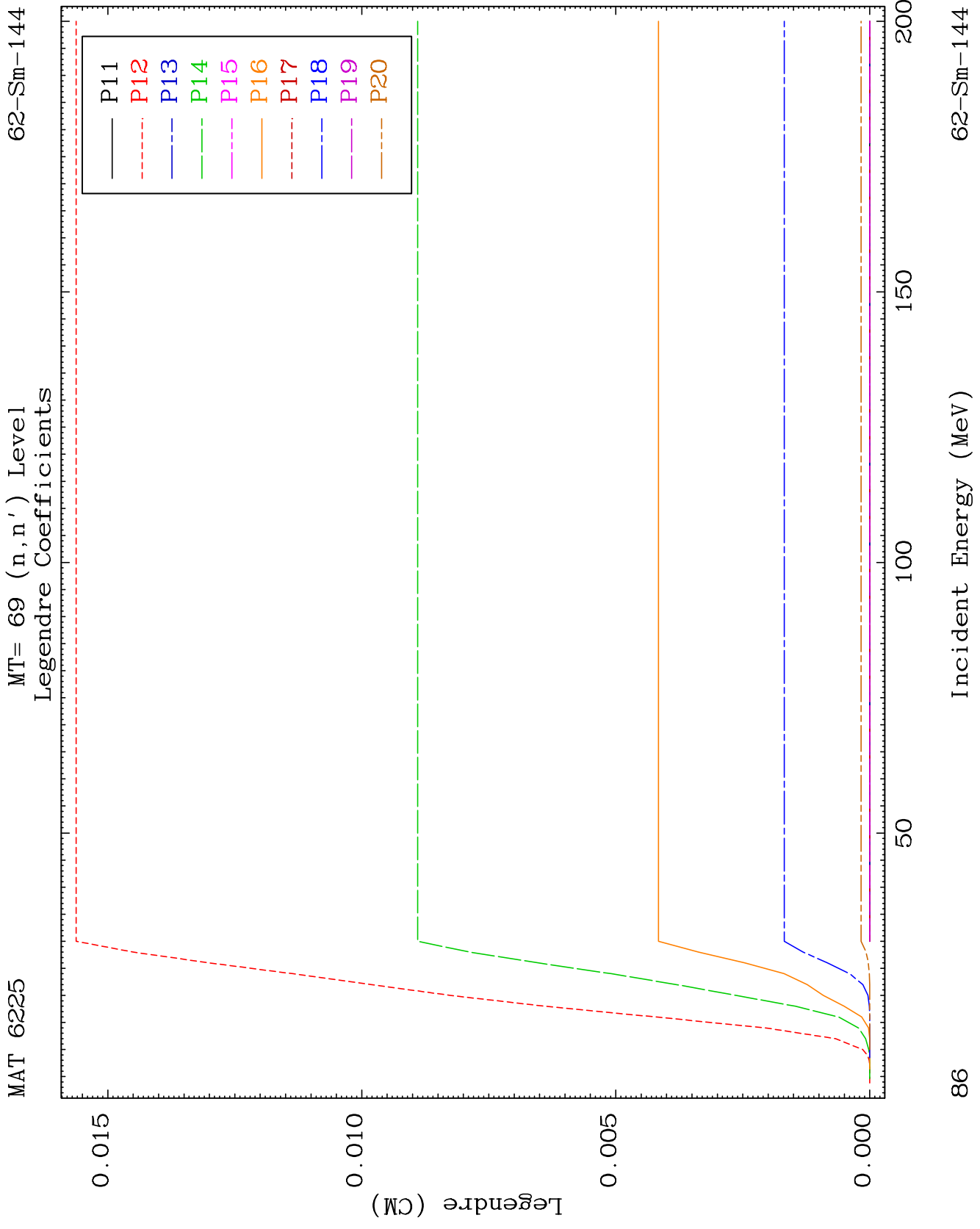
82

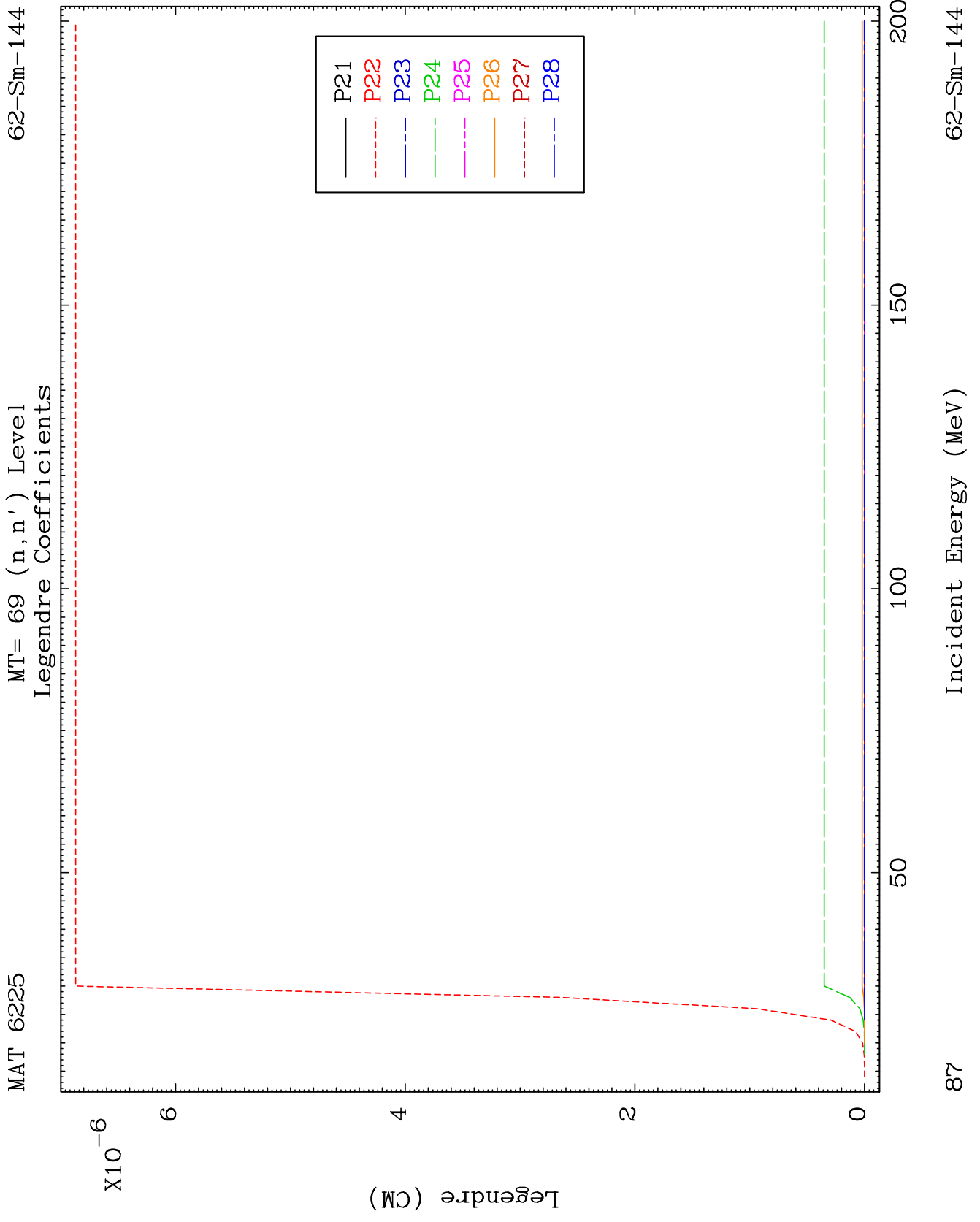
62-Sm-144







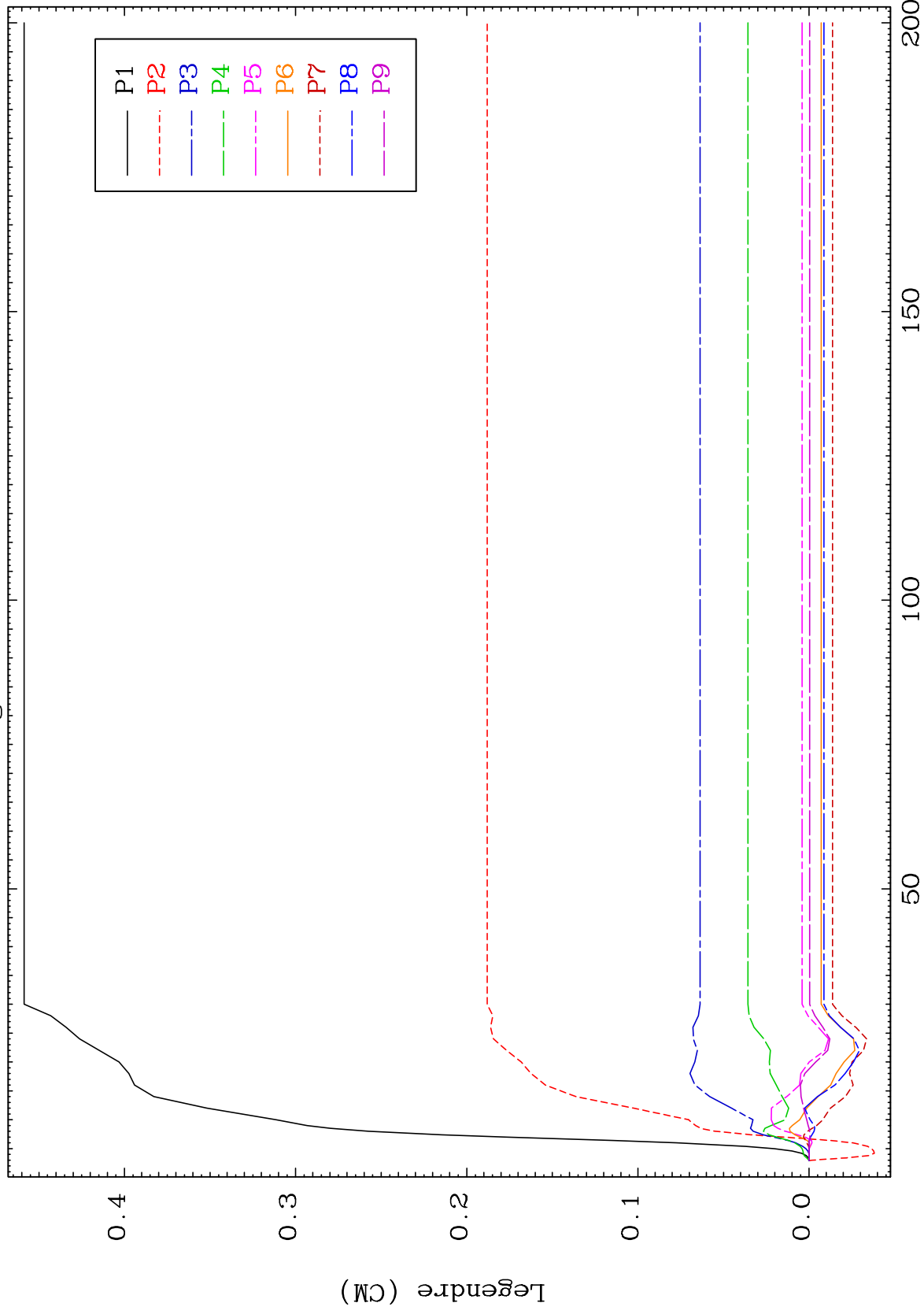




MAT 6225

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

62-Sm-144



88

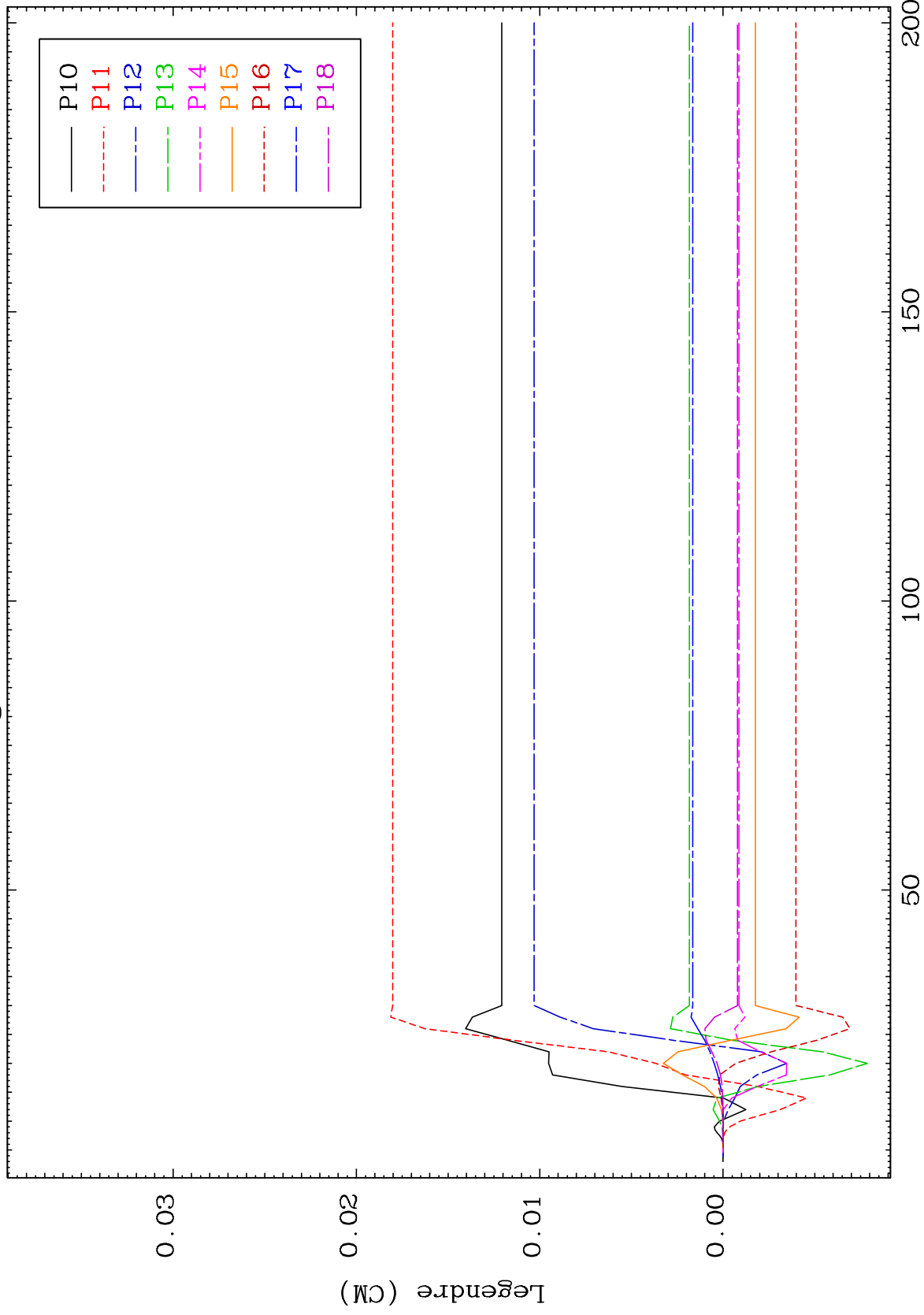
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



89

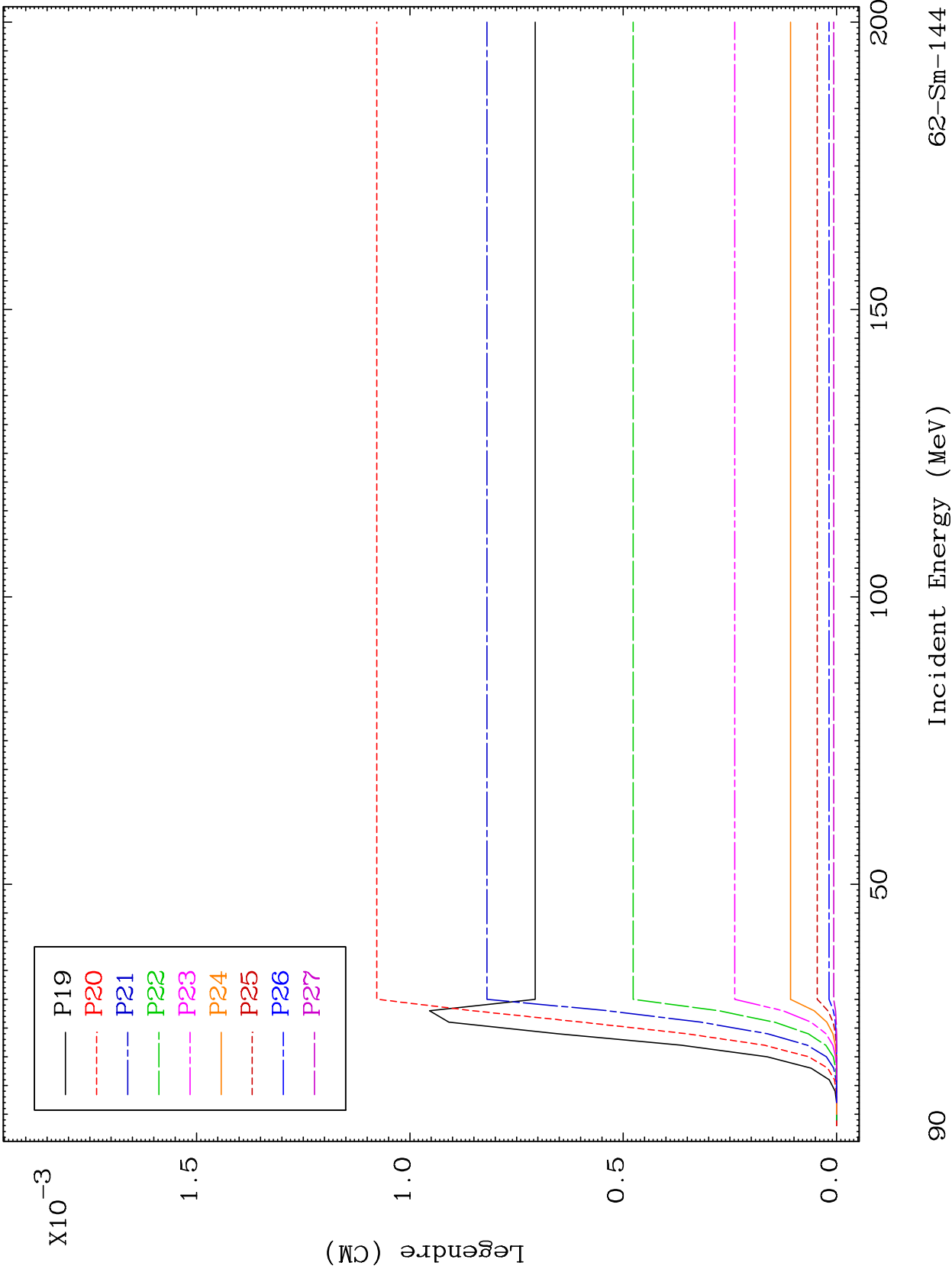
Incident Energy (MeV)

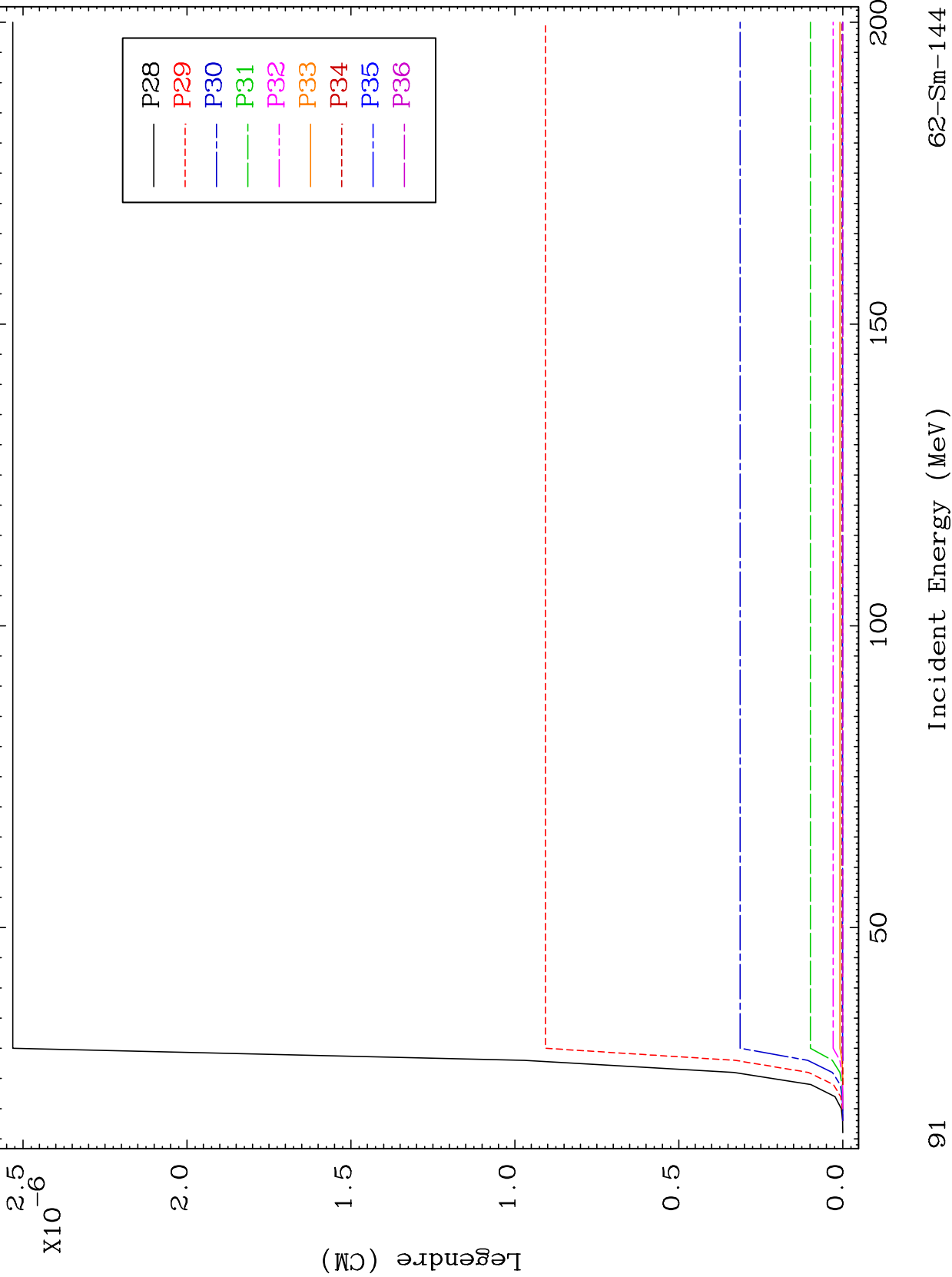
62-Sm-144

MAT 6225

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

62-Sm-144

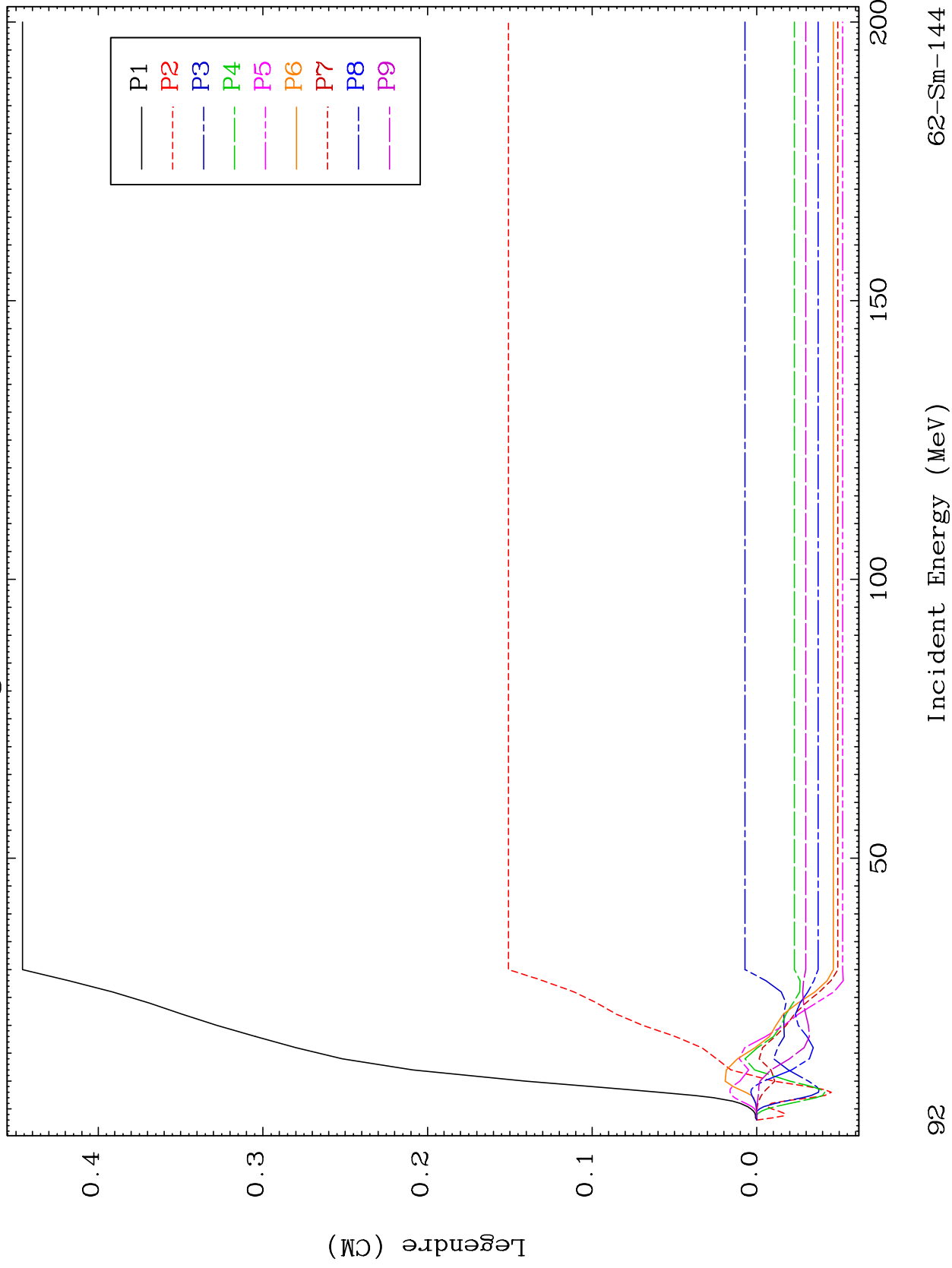




MAT 6225

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

62-Sm-144



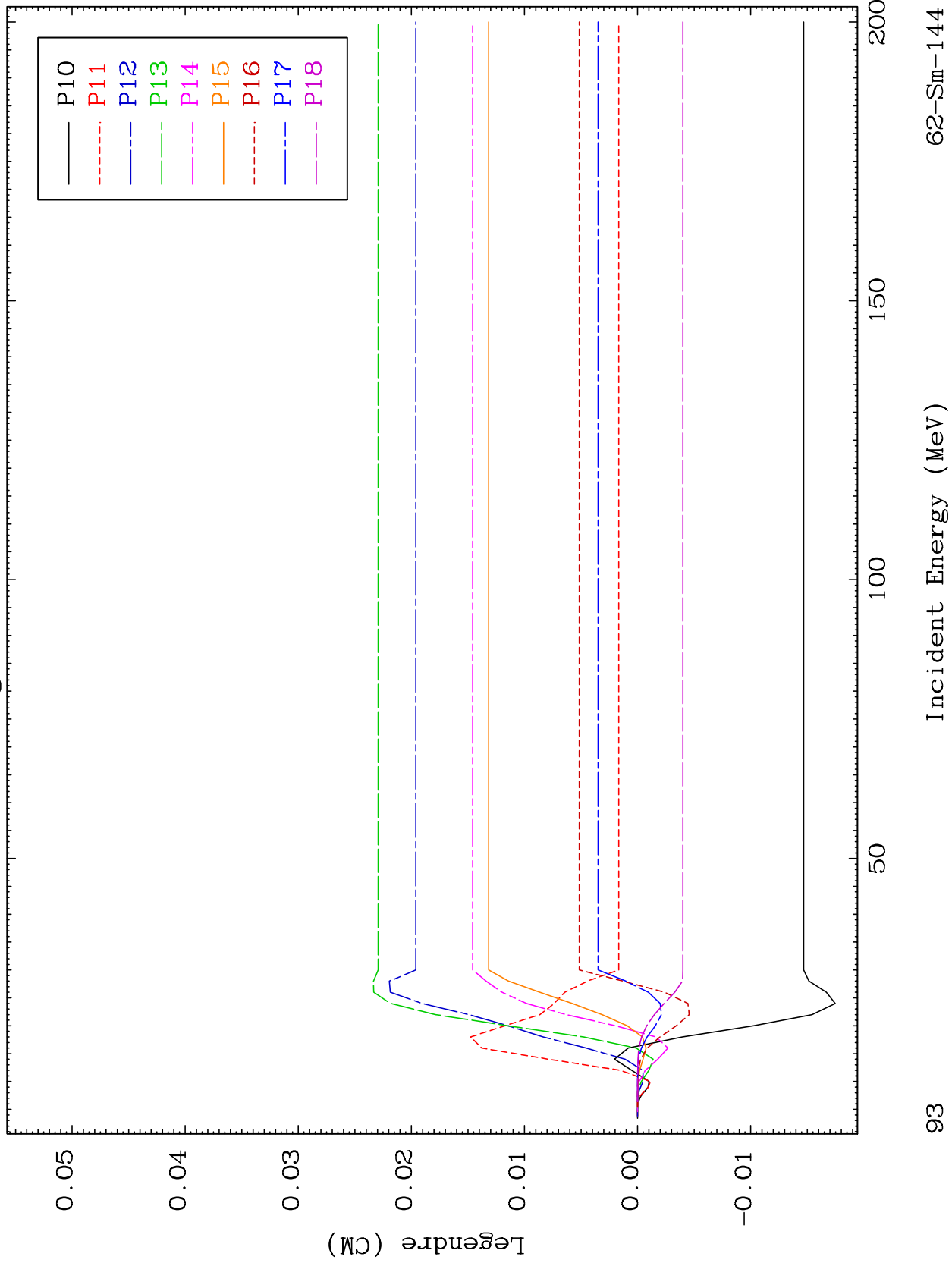
92

62-Sm-144

MAT 6225

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

62-Sm-144



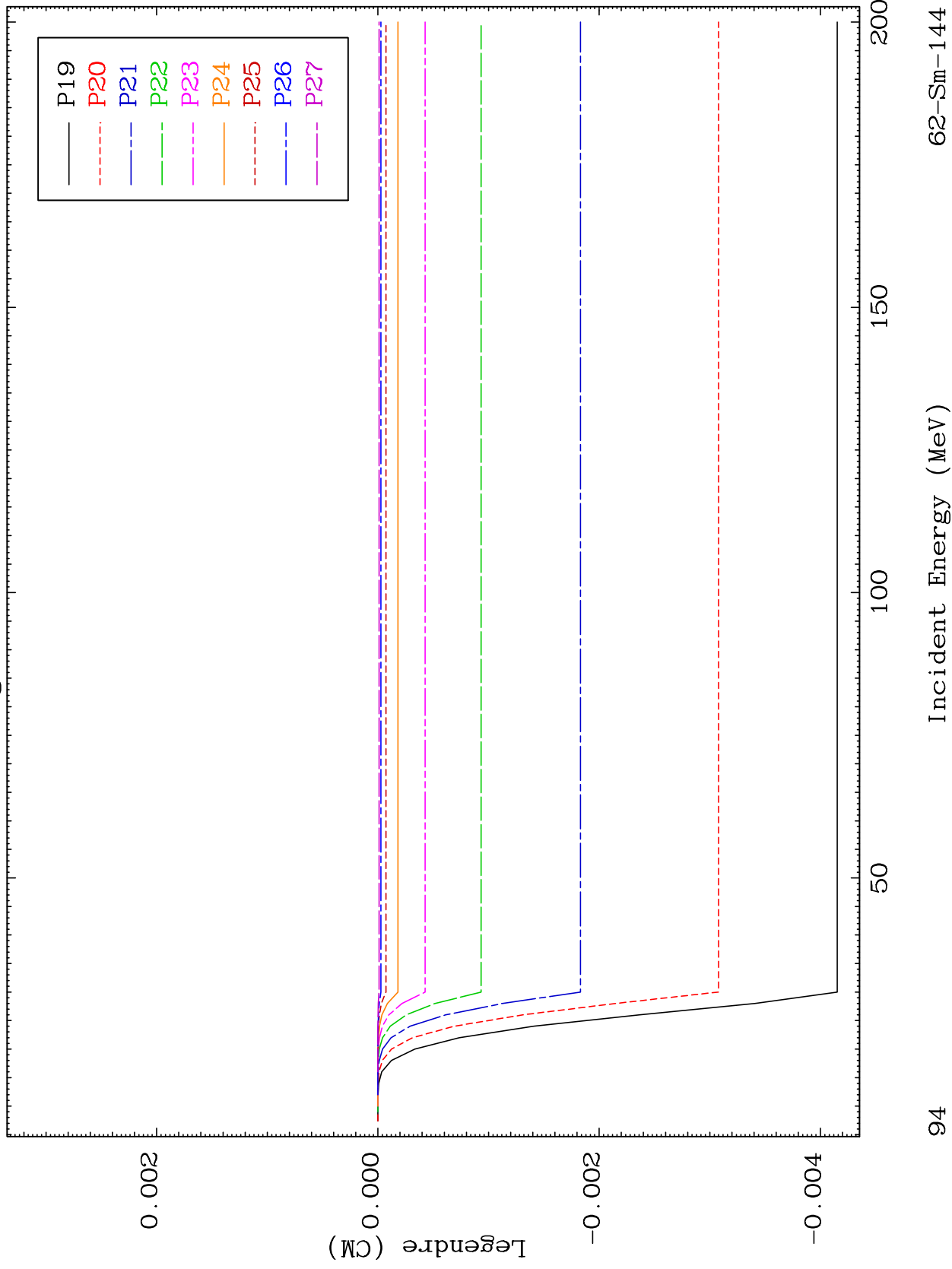
93

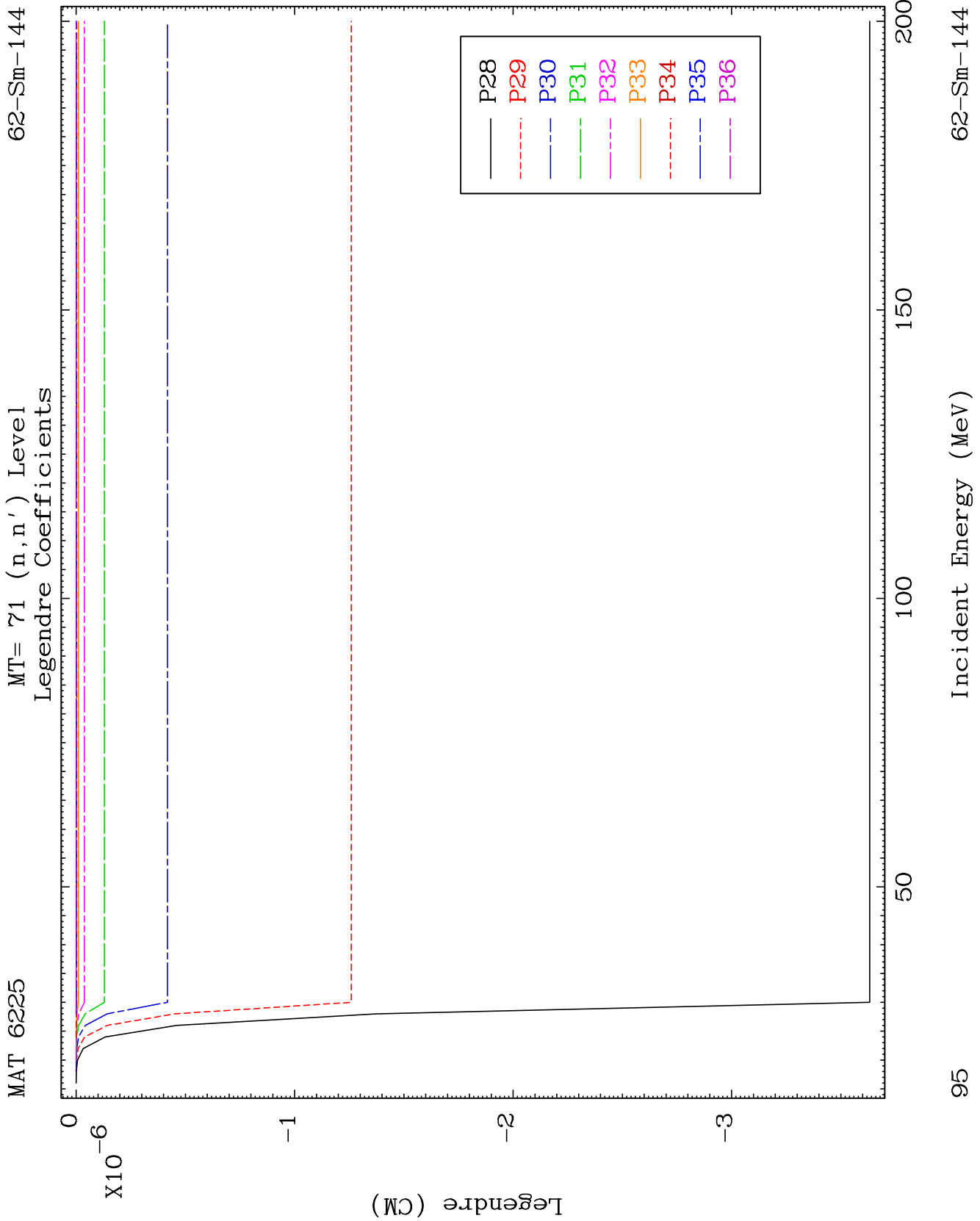
62-Sm-144

MAT 6225

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

62-Sm-144

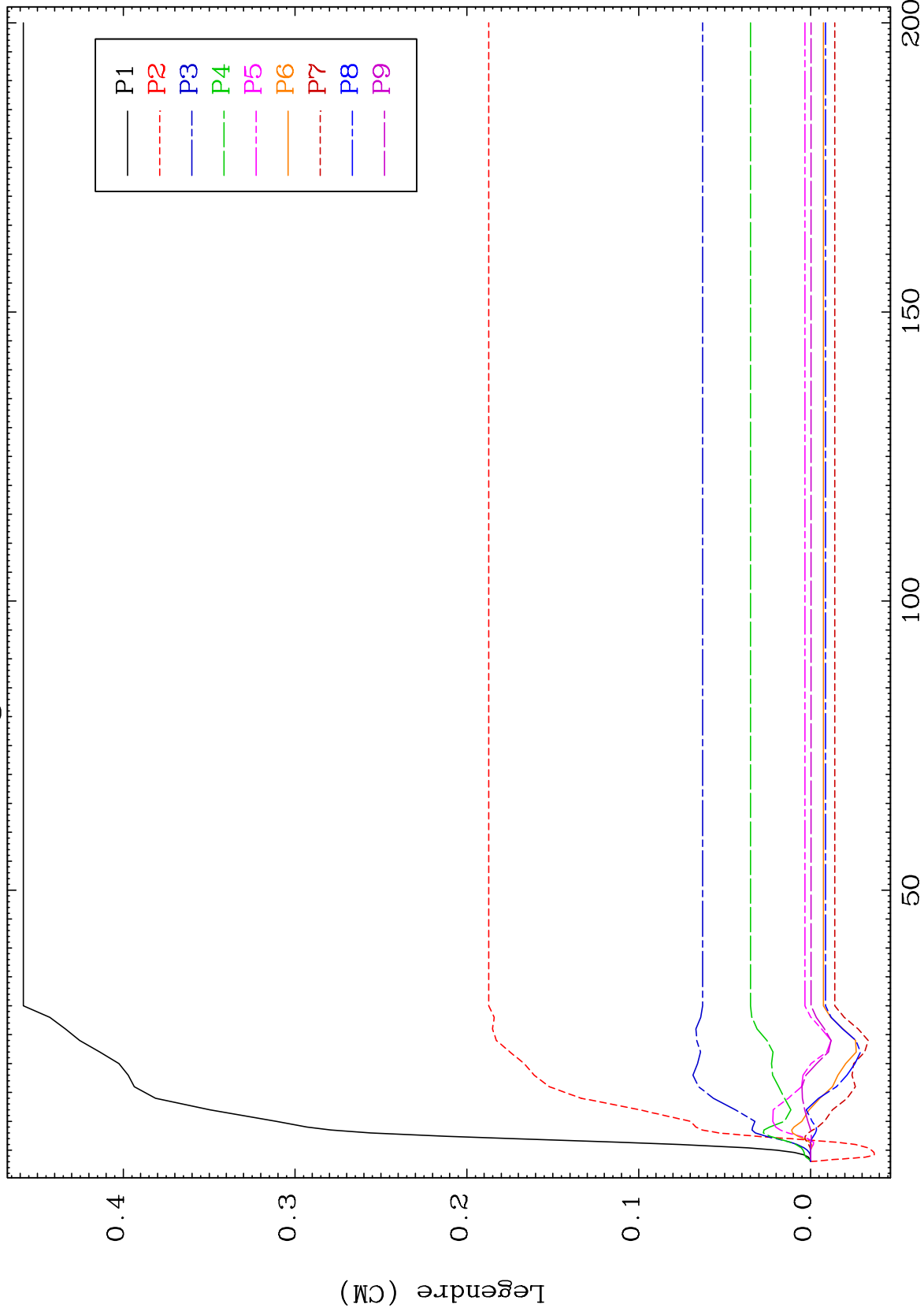




MAT 6225

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

62-Sm-144



96

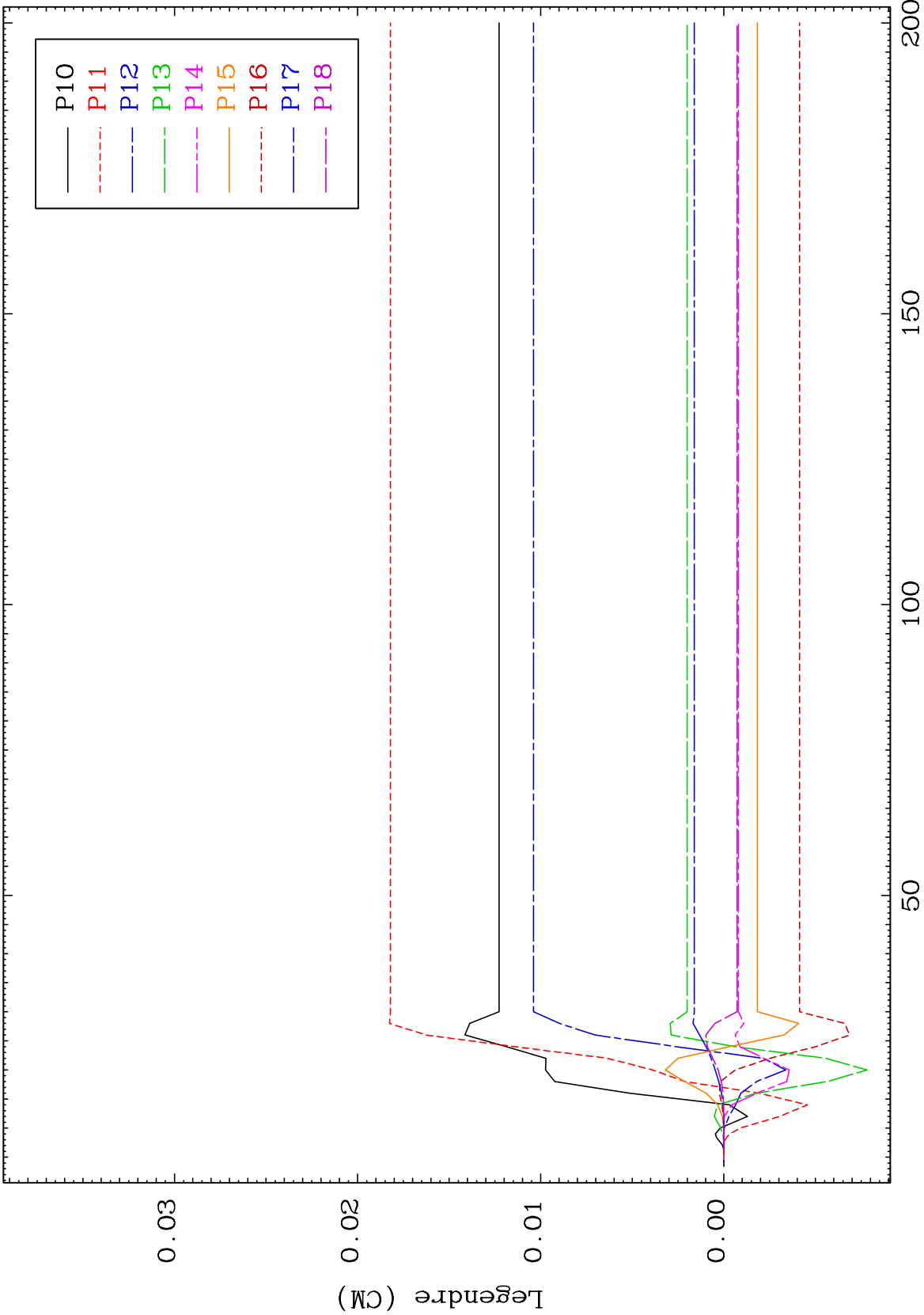
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



97

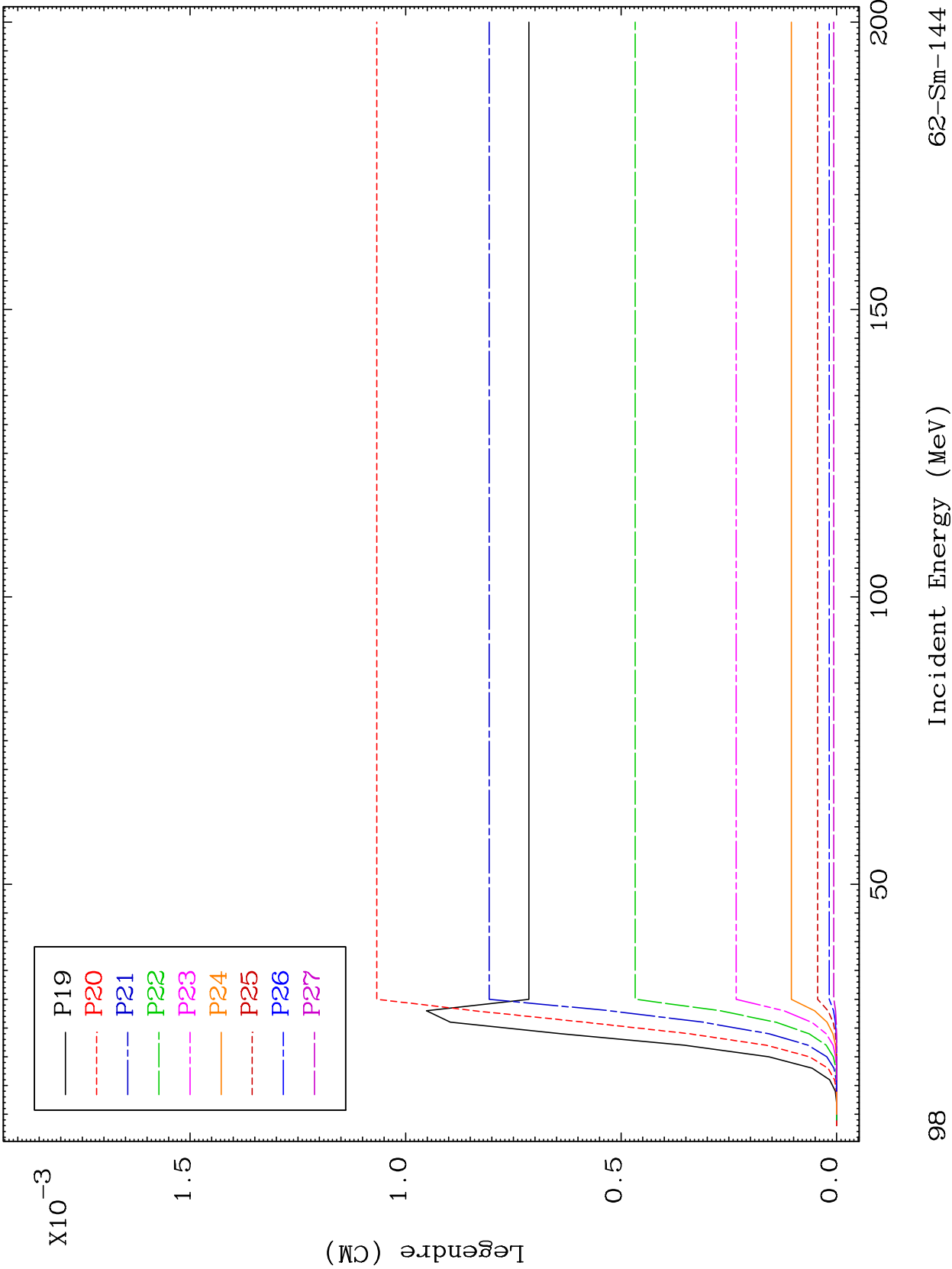
Incident Energy (MeV)

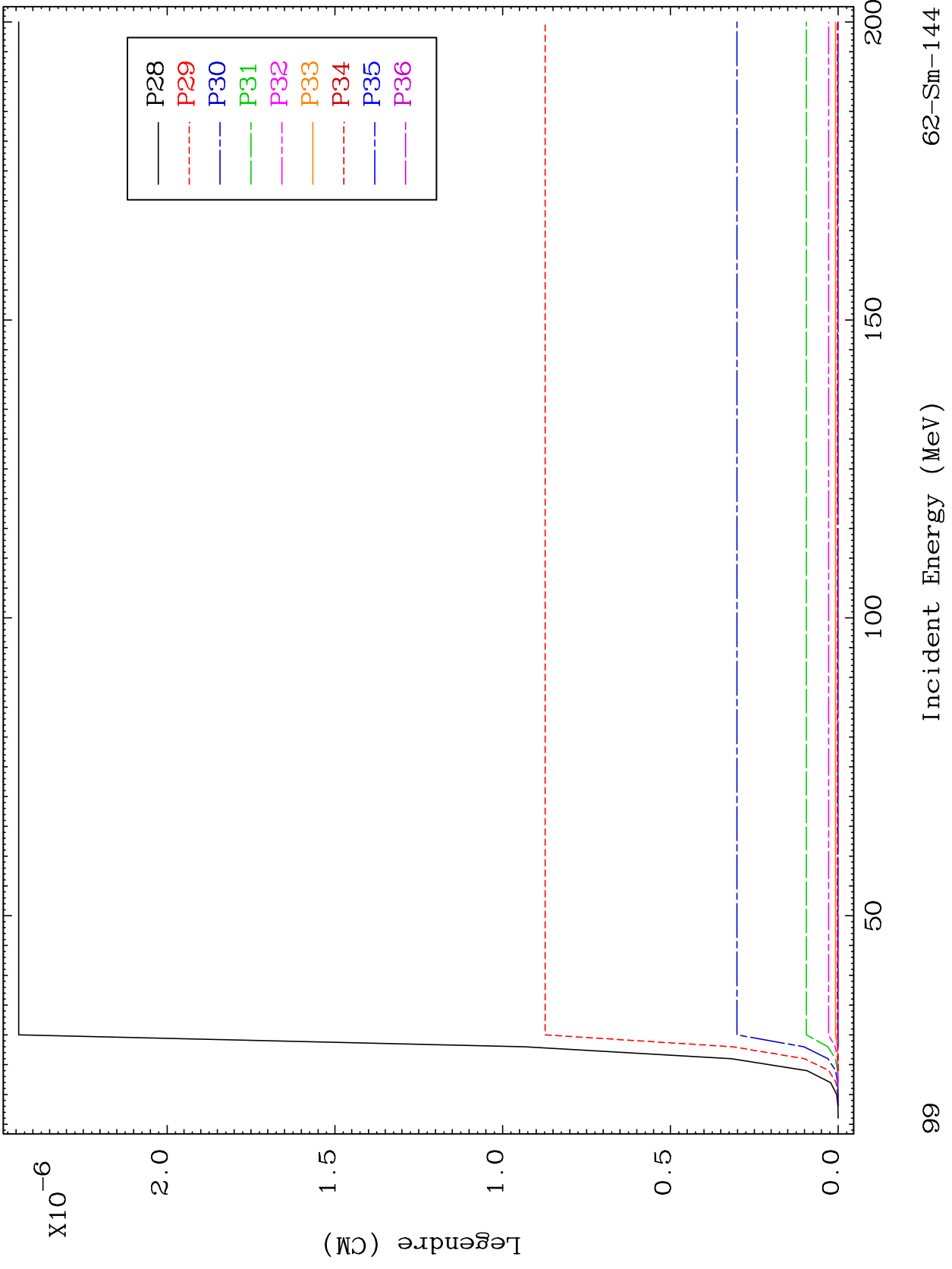
62-Sm-144

MAT 6225

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

62-Sm-144

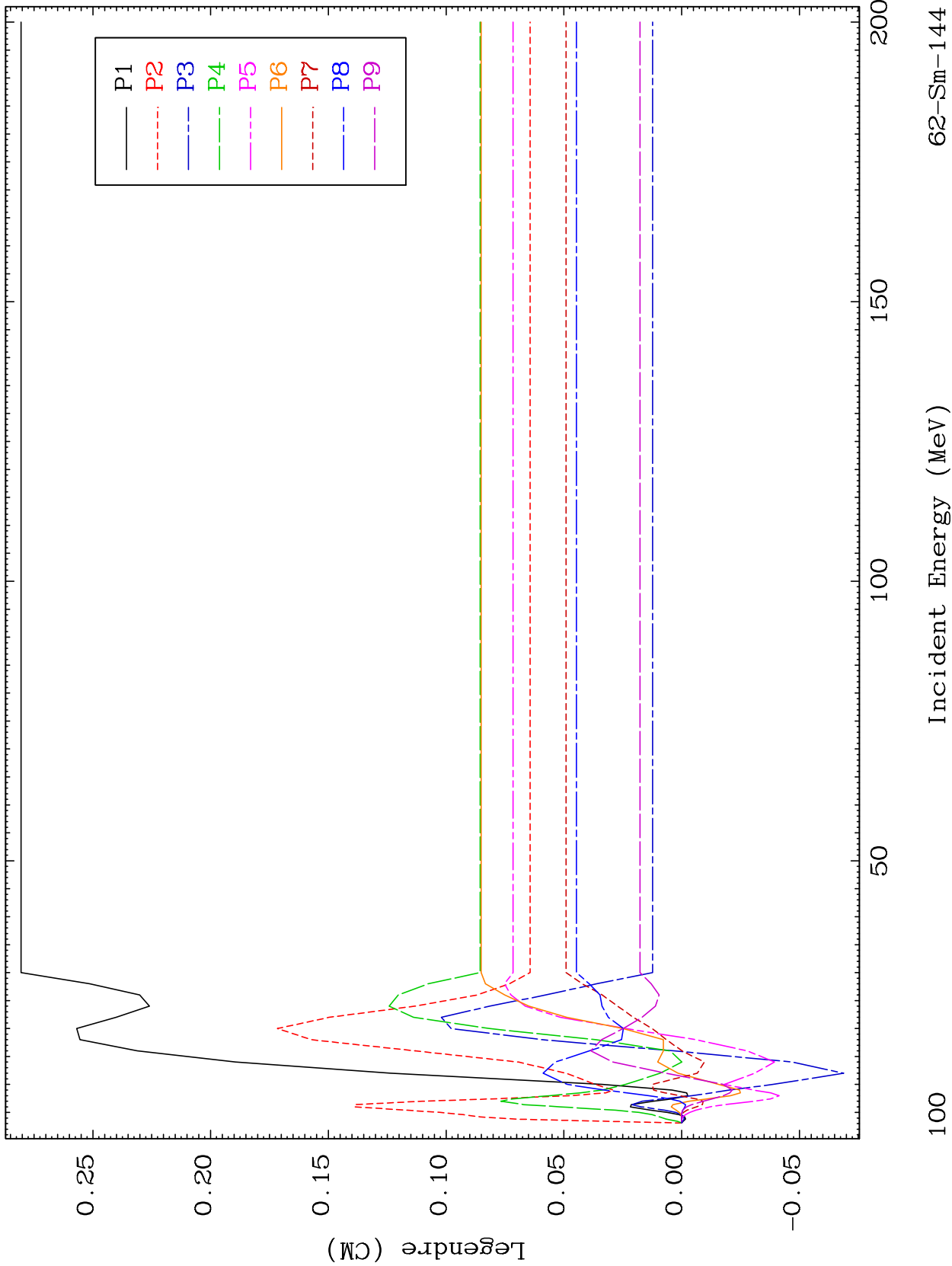




MAT 6225

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

62-Sm-144



62-Sm-144

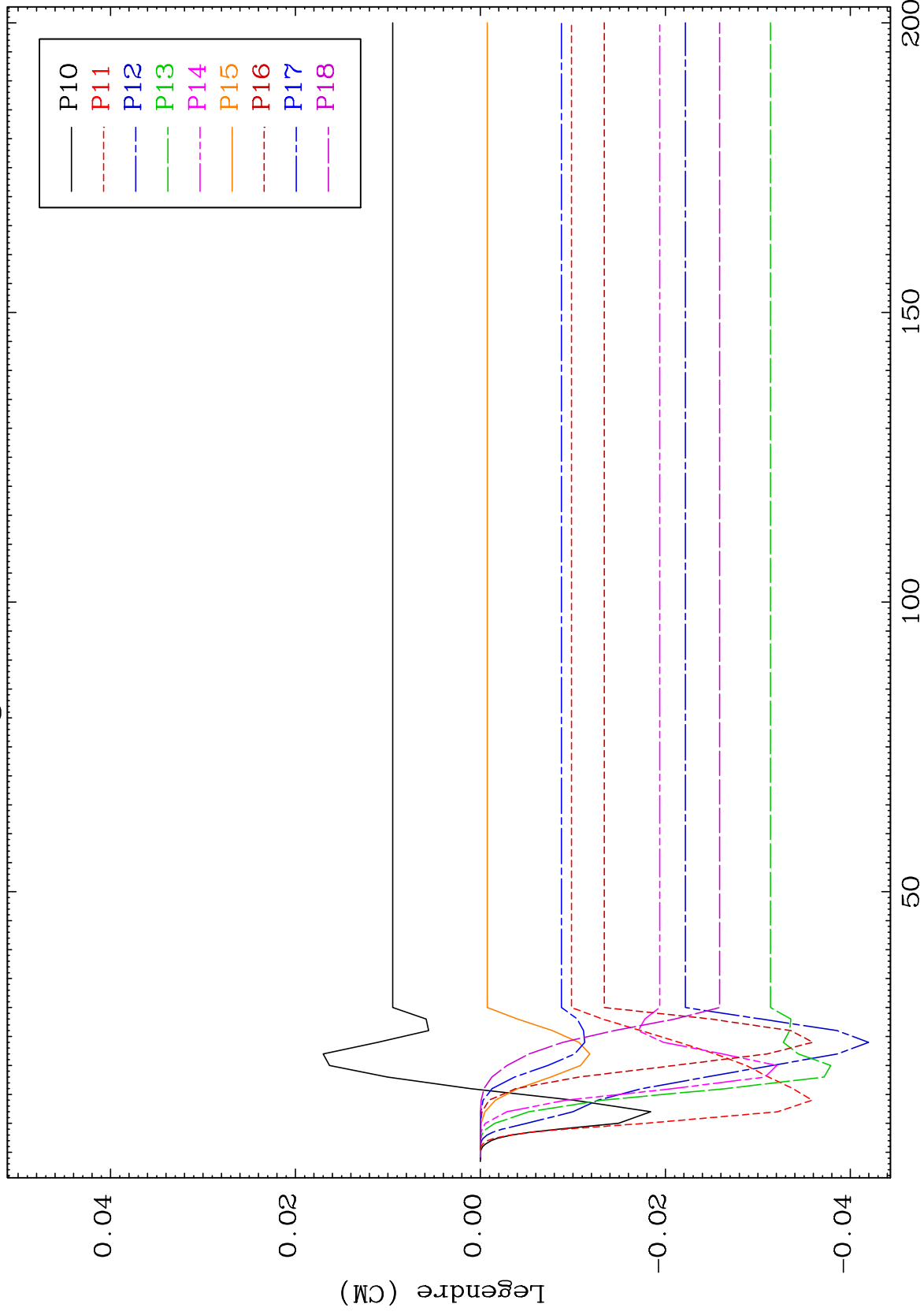
Incident Energy (MeV)

100

MAT 6225

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

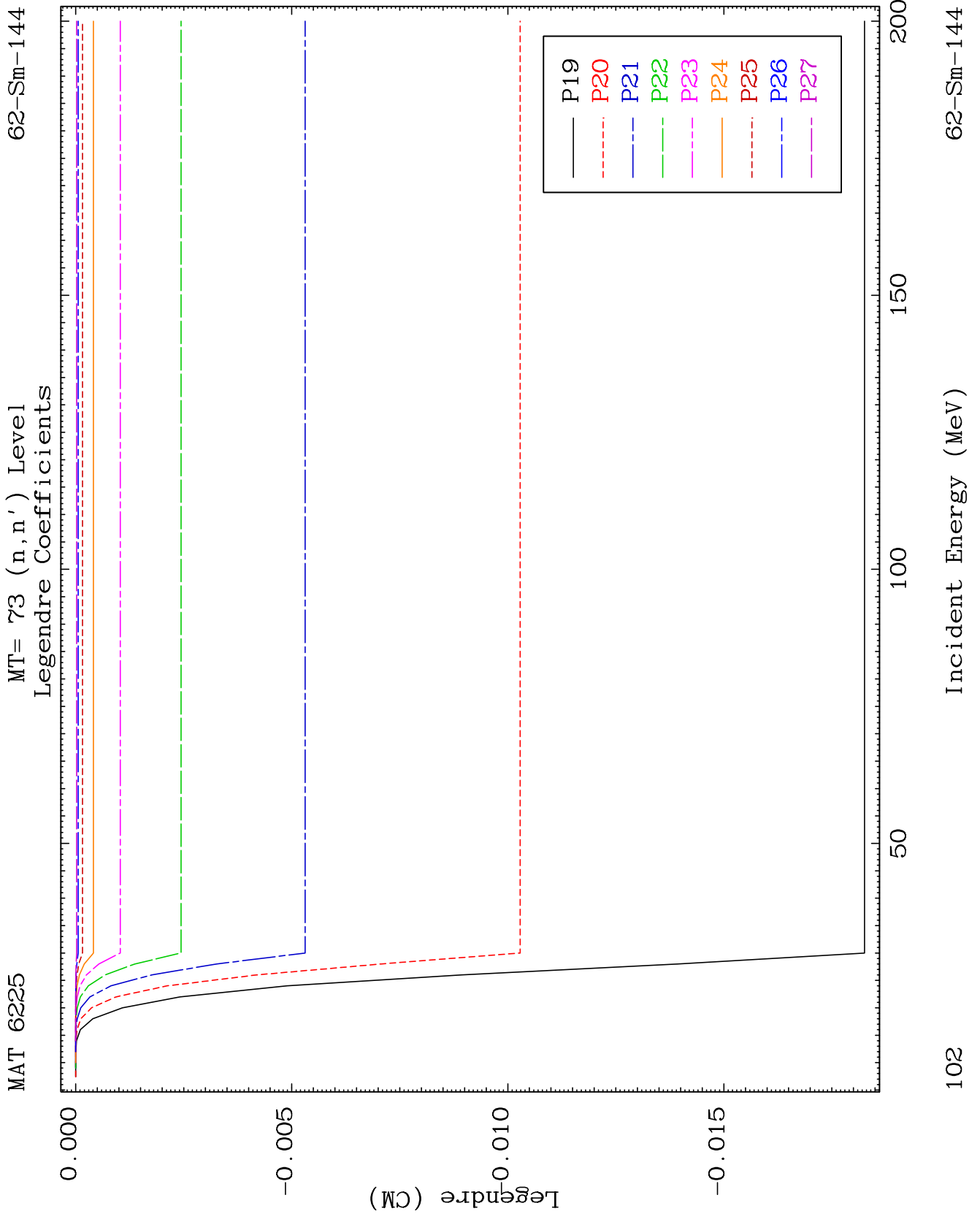
62-Sm-144

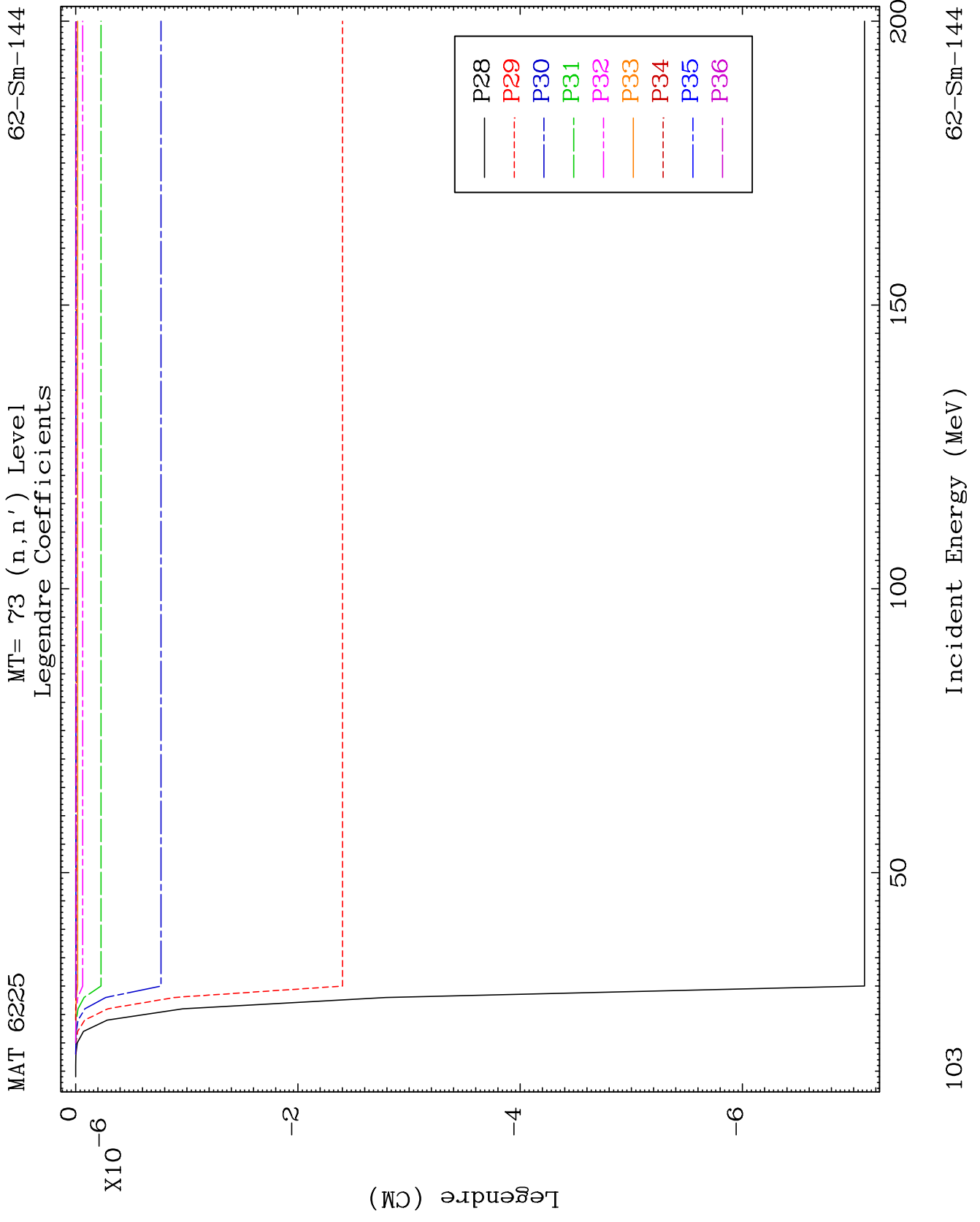


101

Incident Energy (MeV)

62-Sm-144

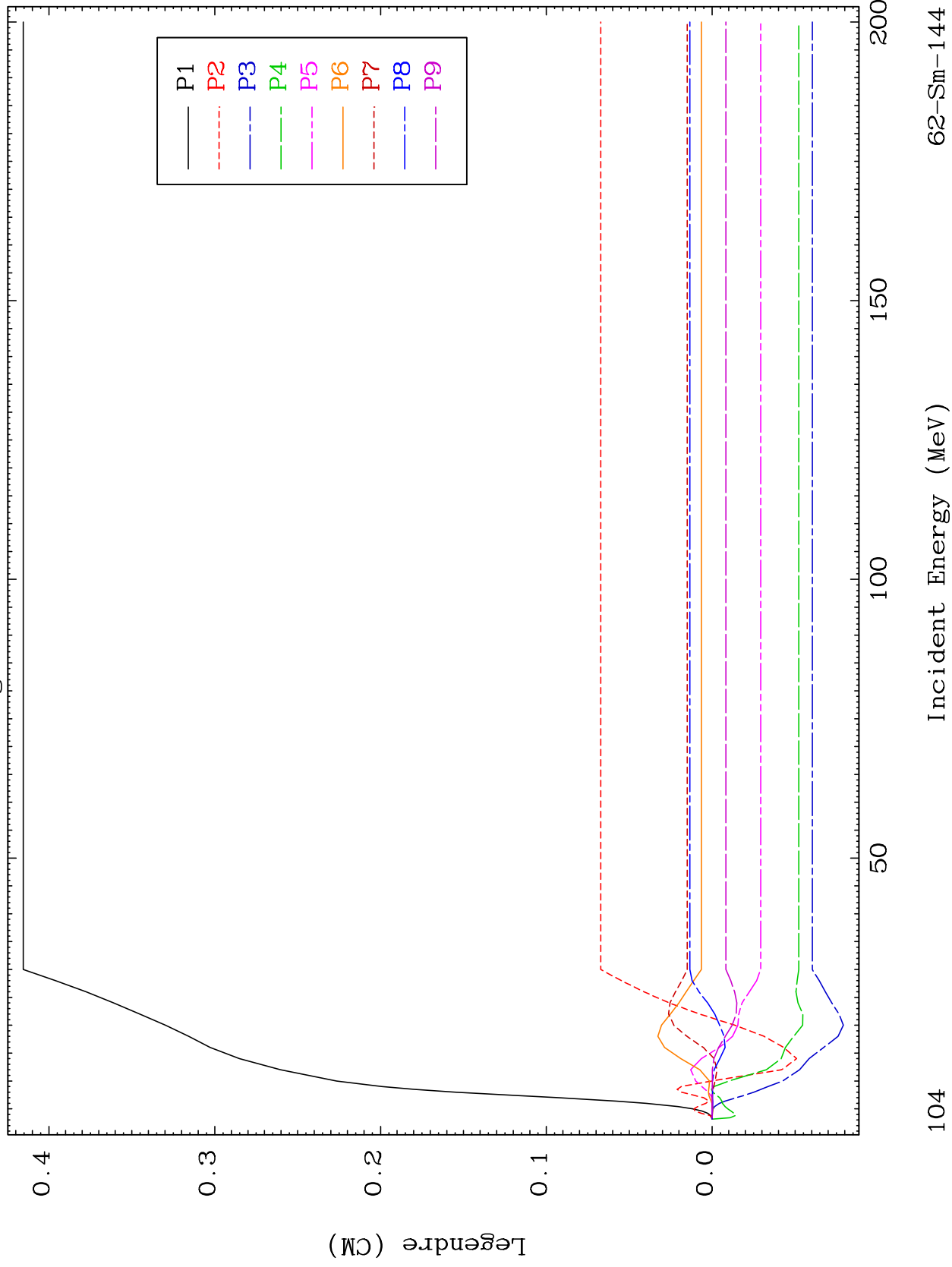




MAT 6225

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

62-Sm-144



104

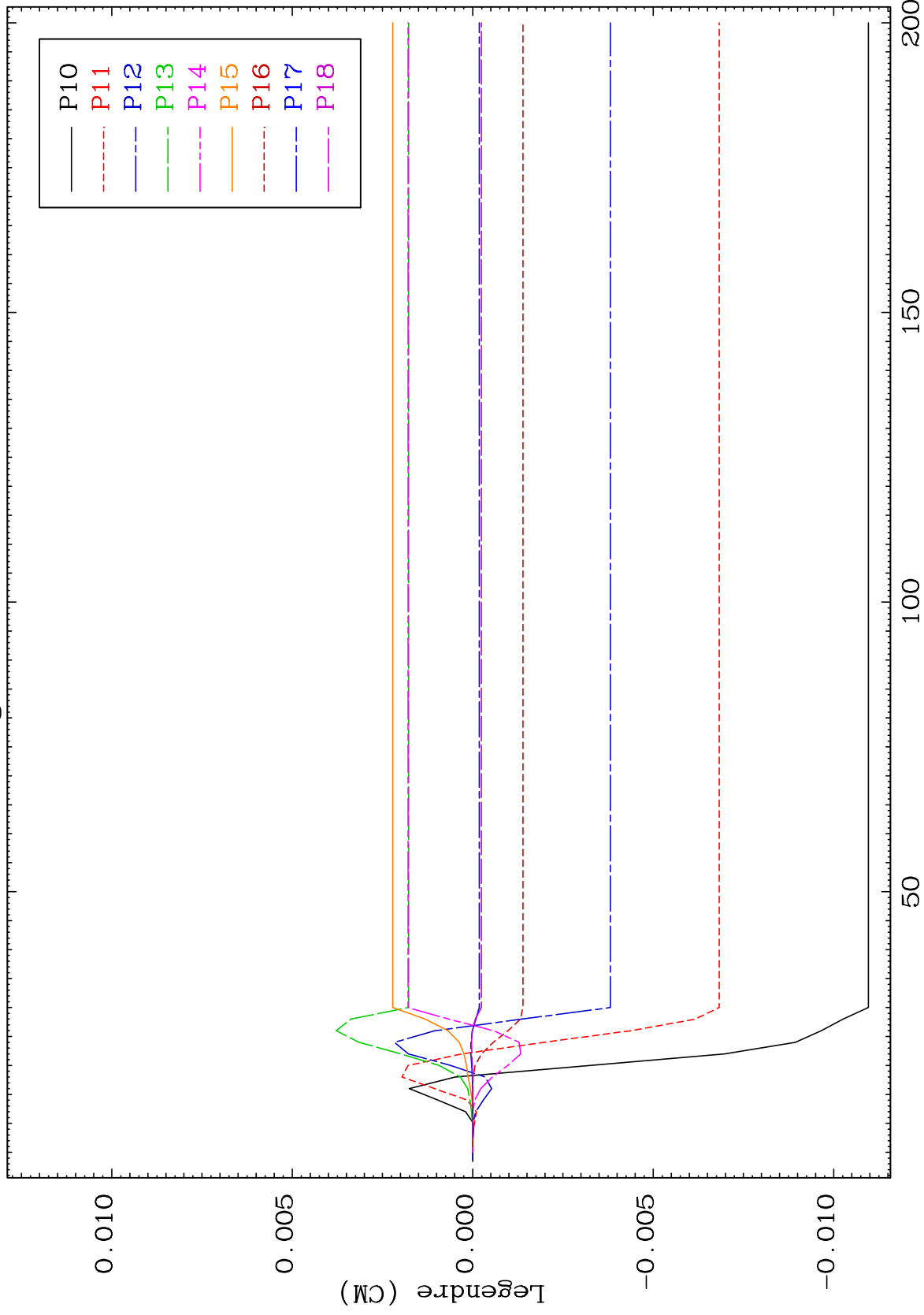
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



105

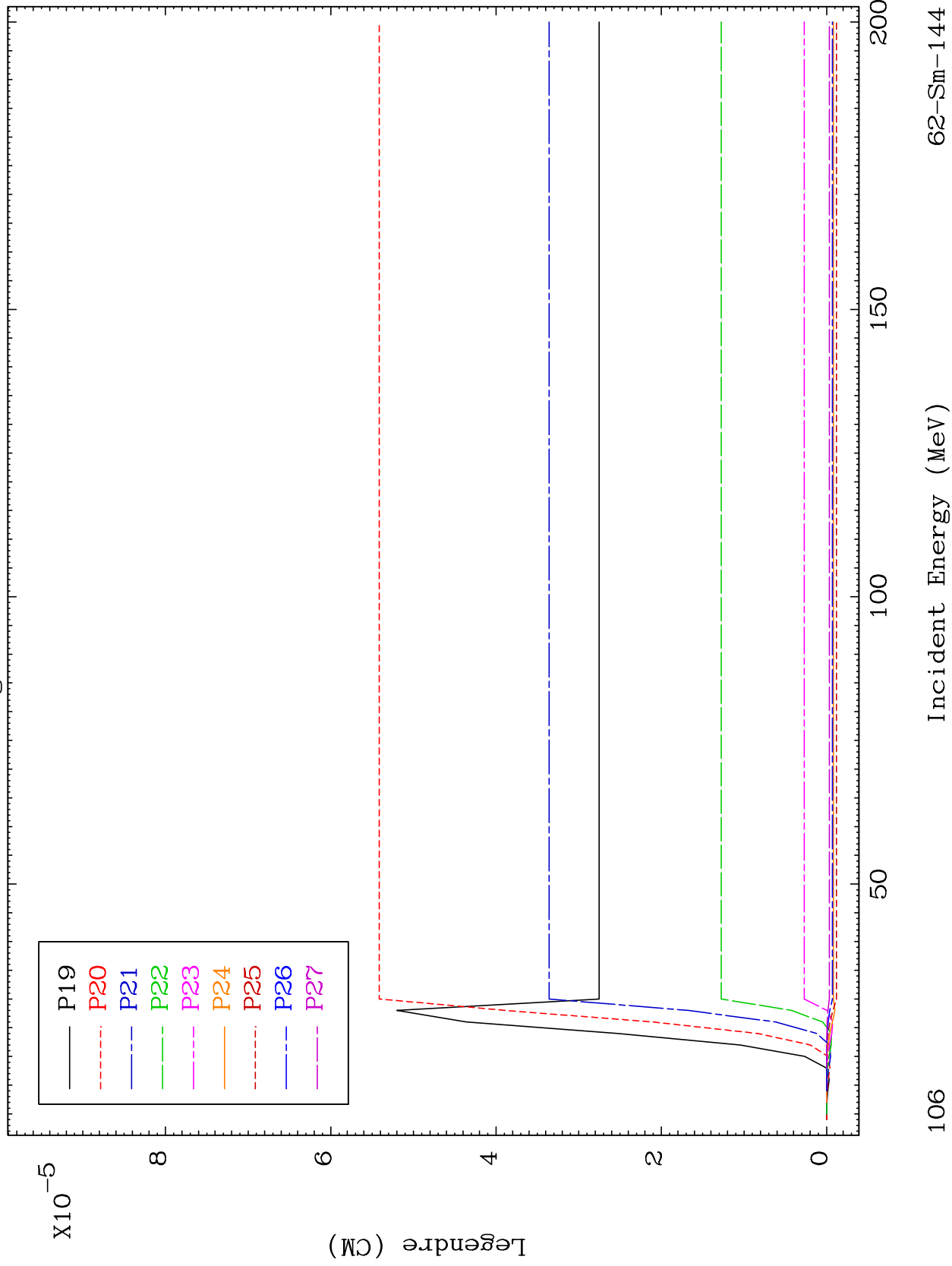
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

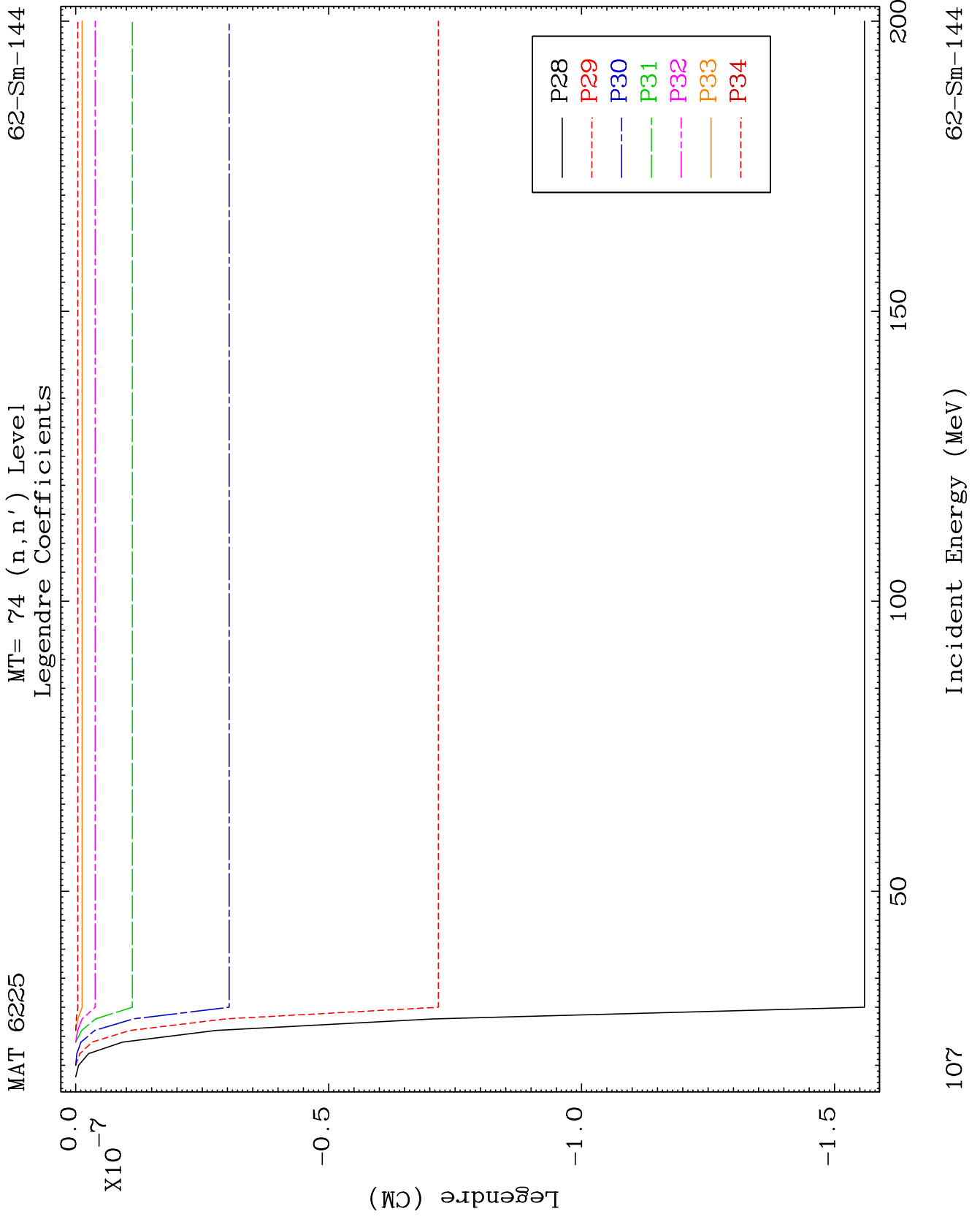
62-Sm-144



106

Incident Energy (MeV)

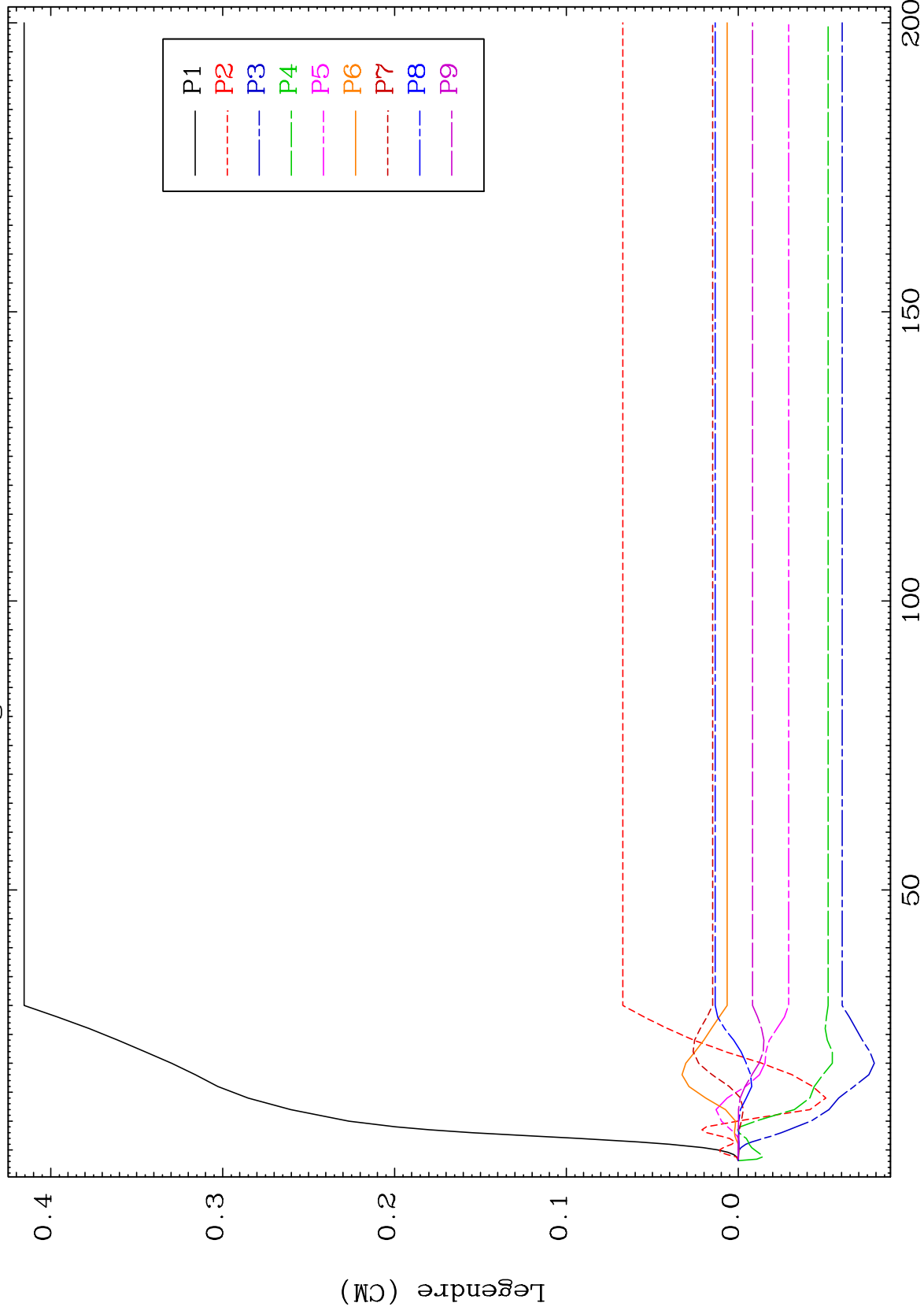
62-Sm-144



MAT 6225

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

62-Sm-144



108

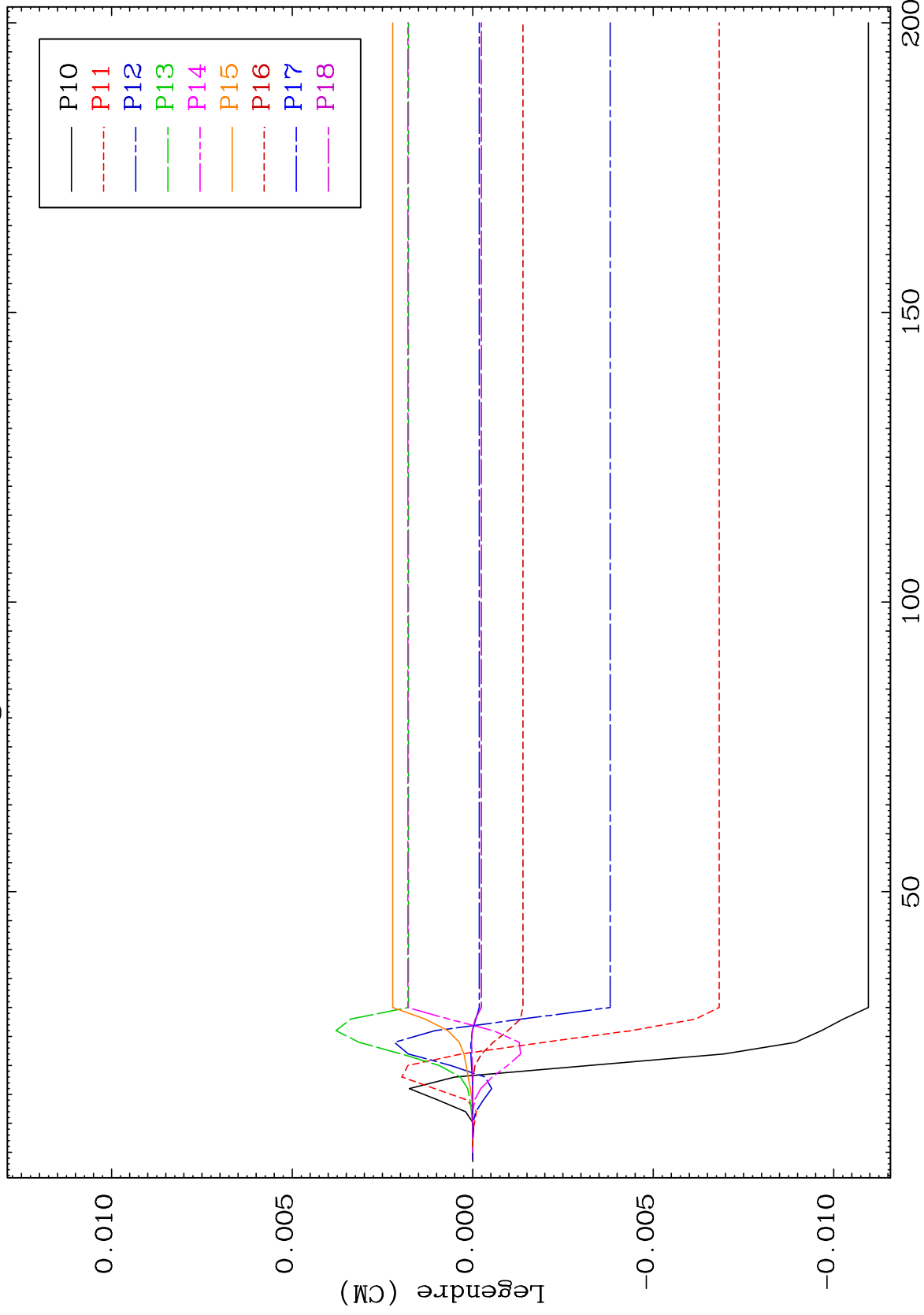
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

62-Sm-144



109

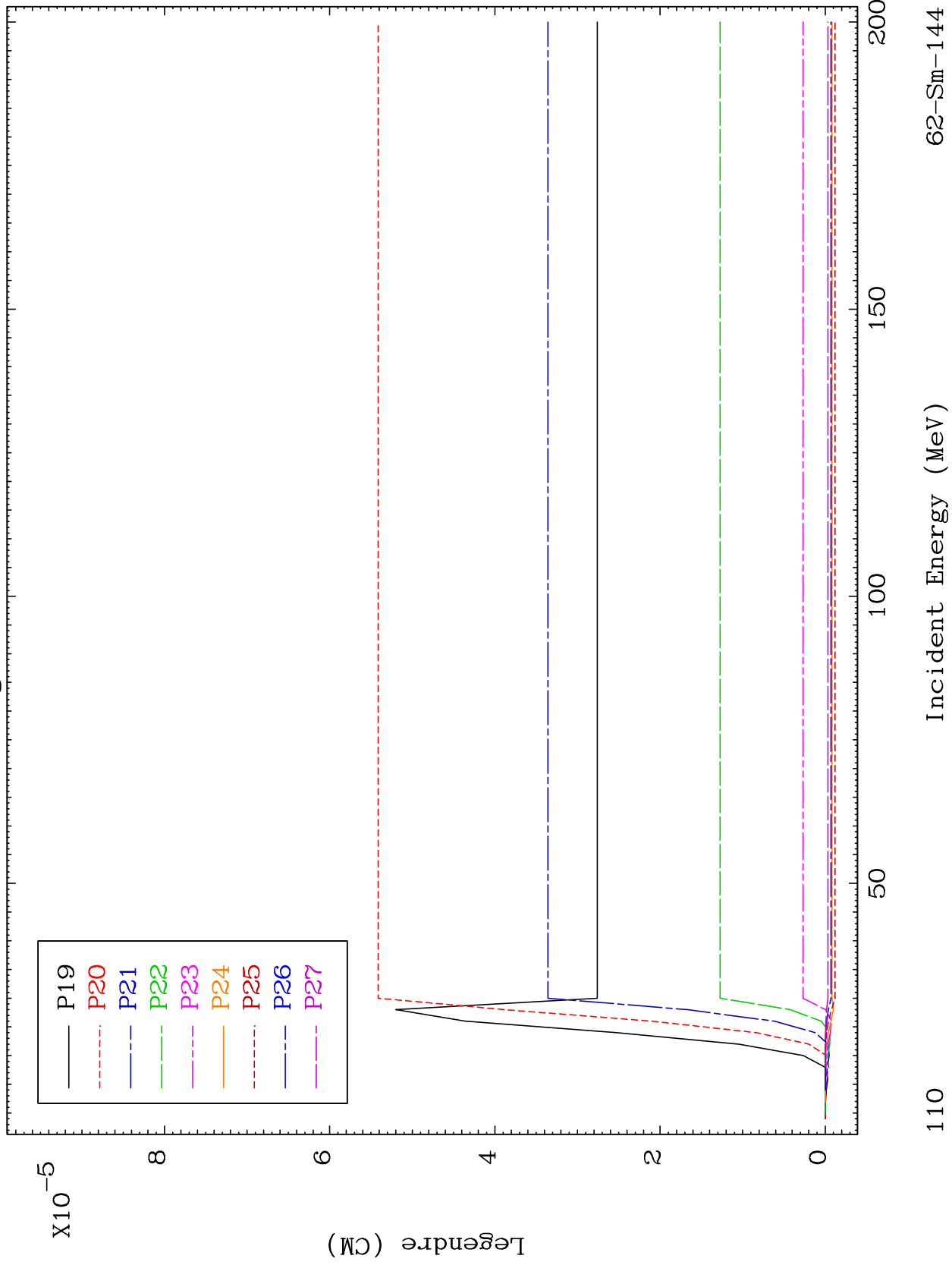
Incident Energy (MeV)

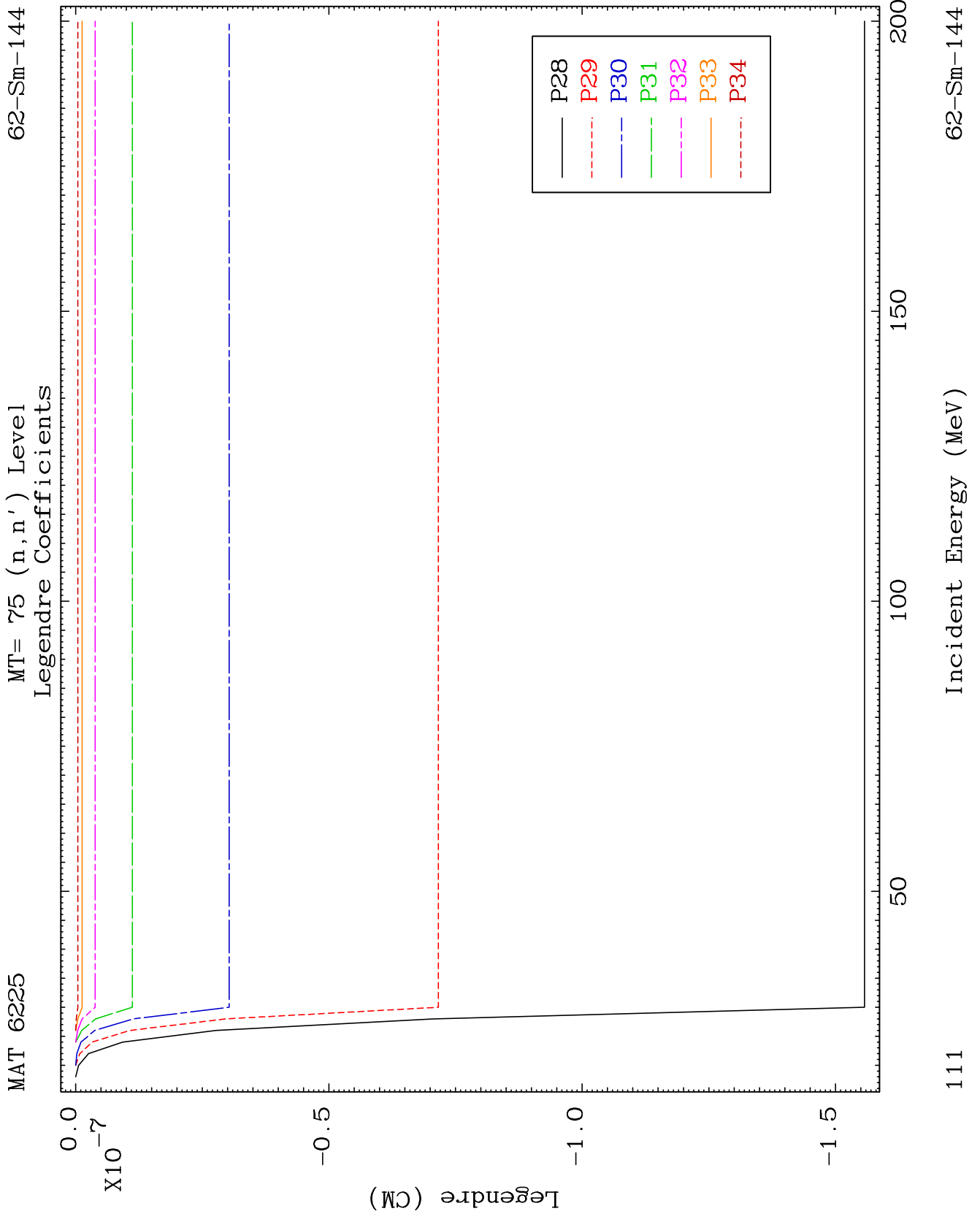
62-Sm-144

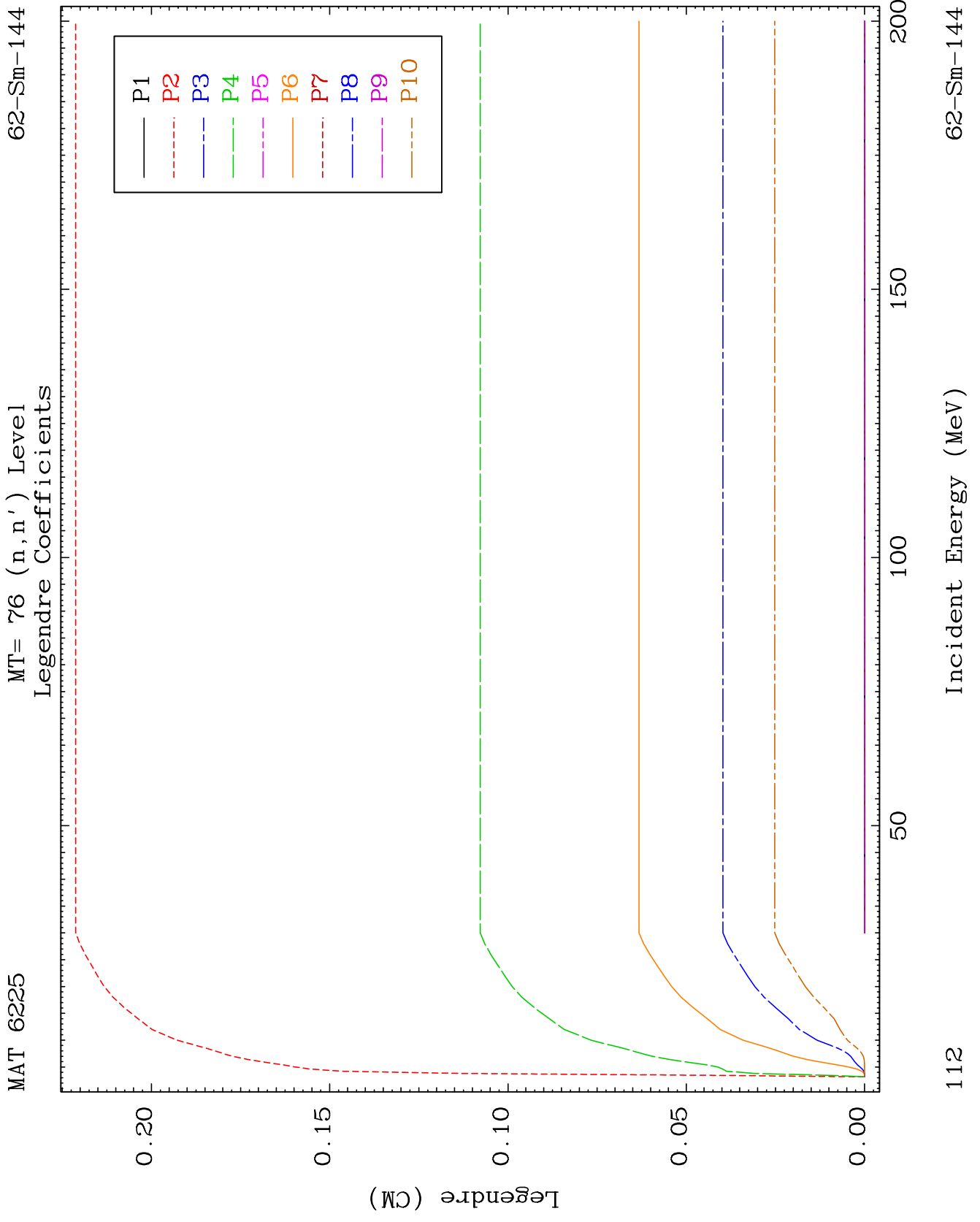
MAT 6225

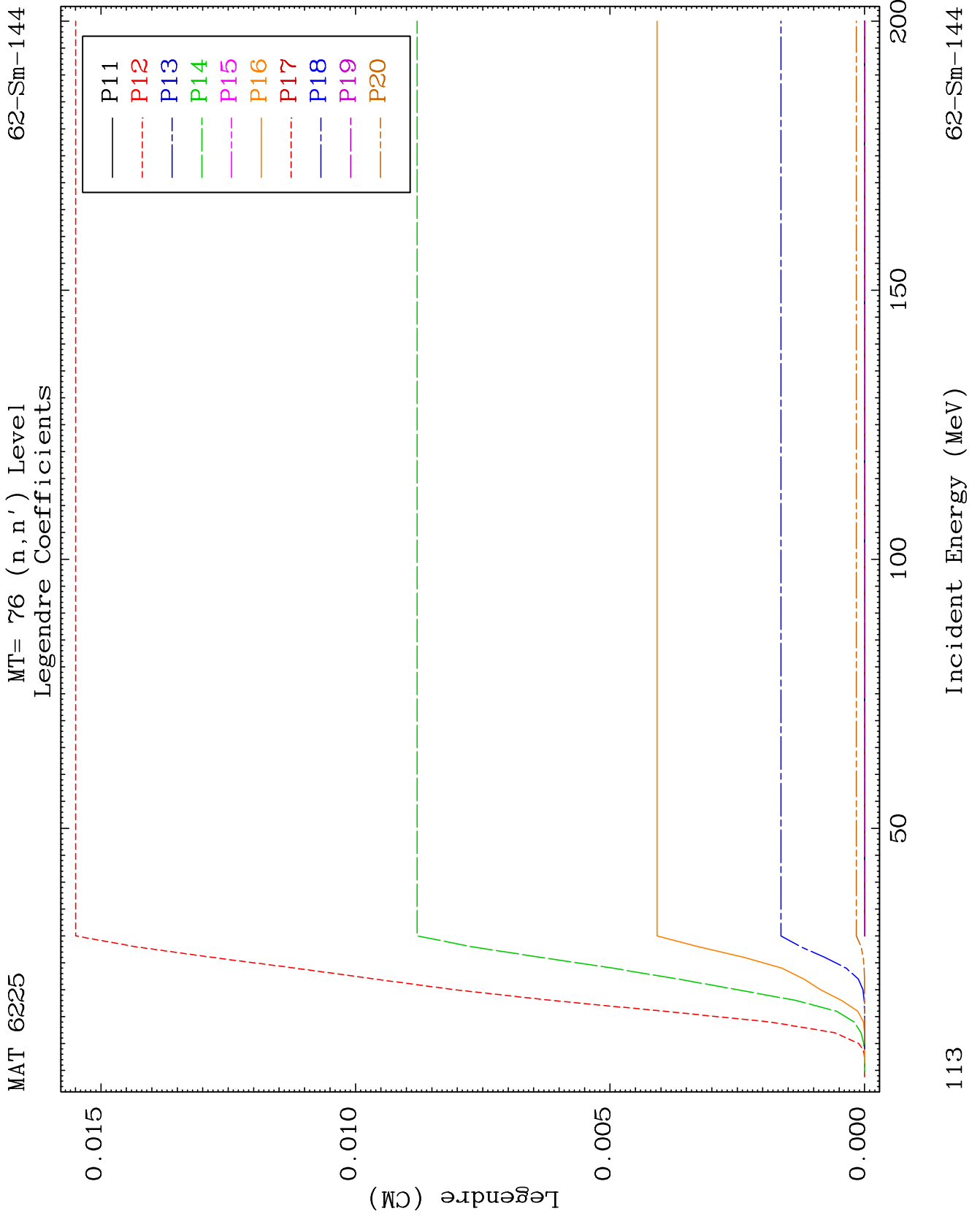
MT= 75 (n,n') Level
Legendre Coefficients

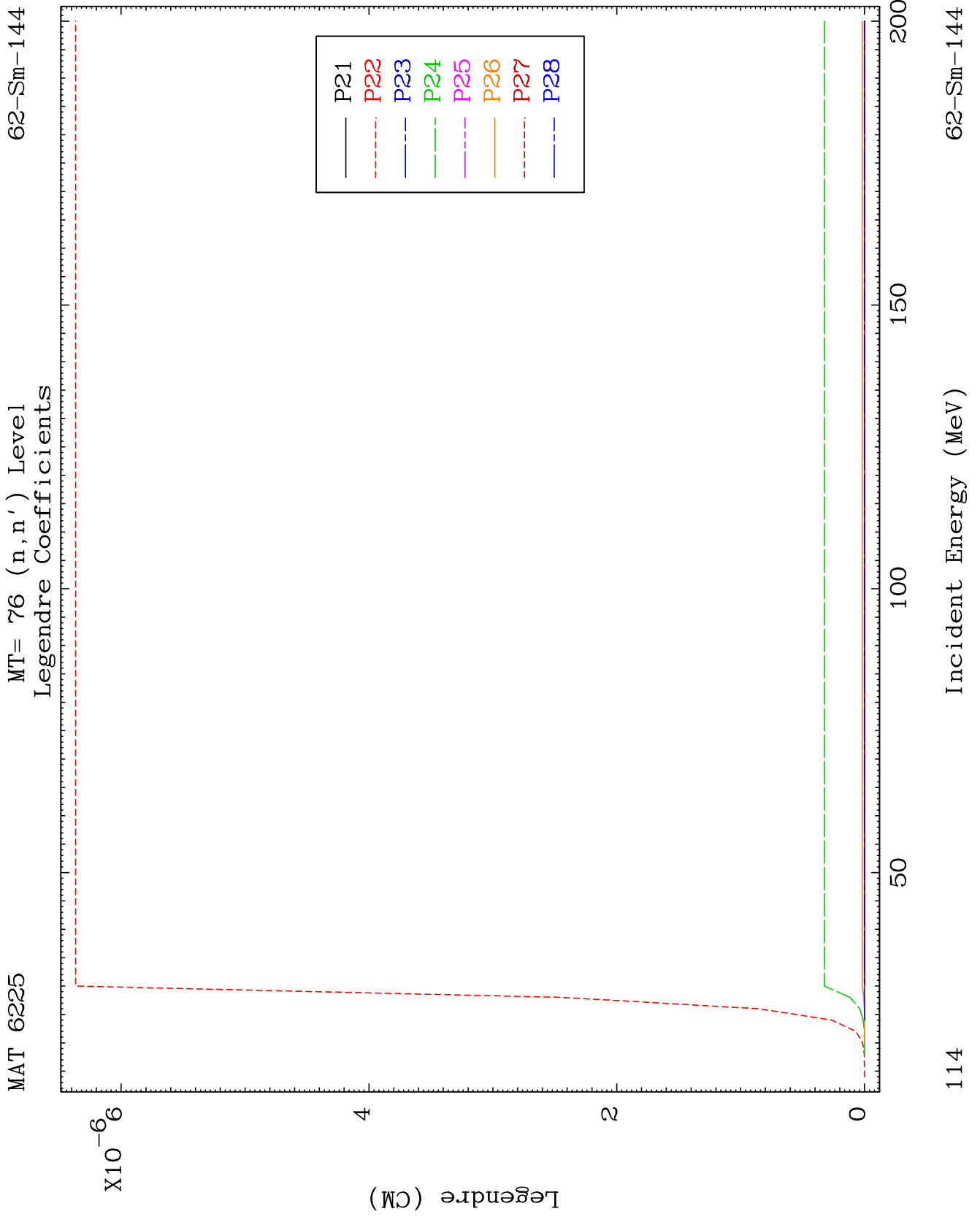
62-Sm-144







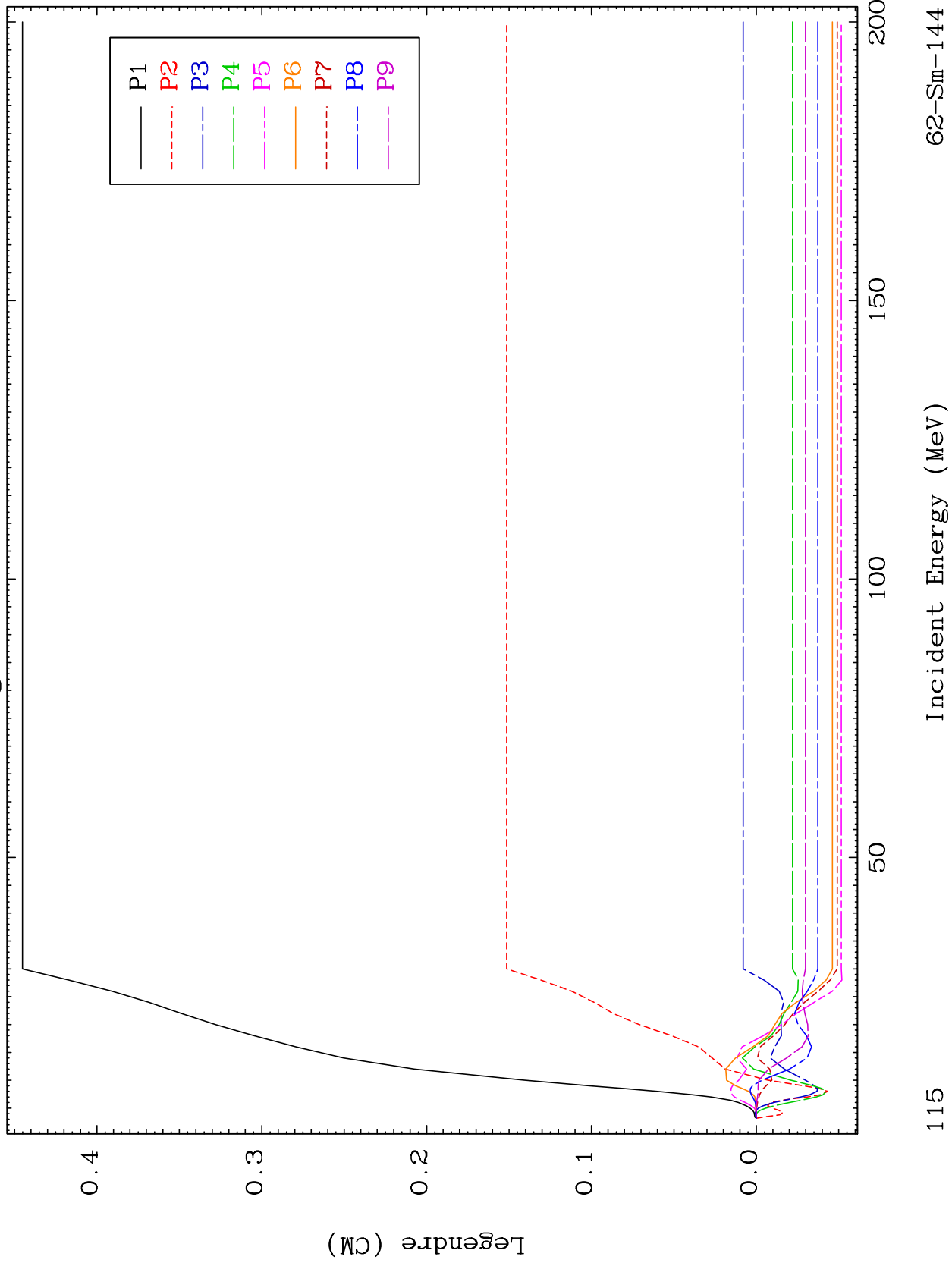




MAT 6225

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

62-Sm-144



62-Sm-144

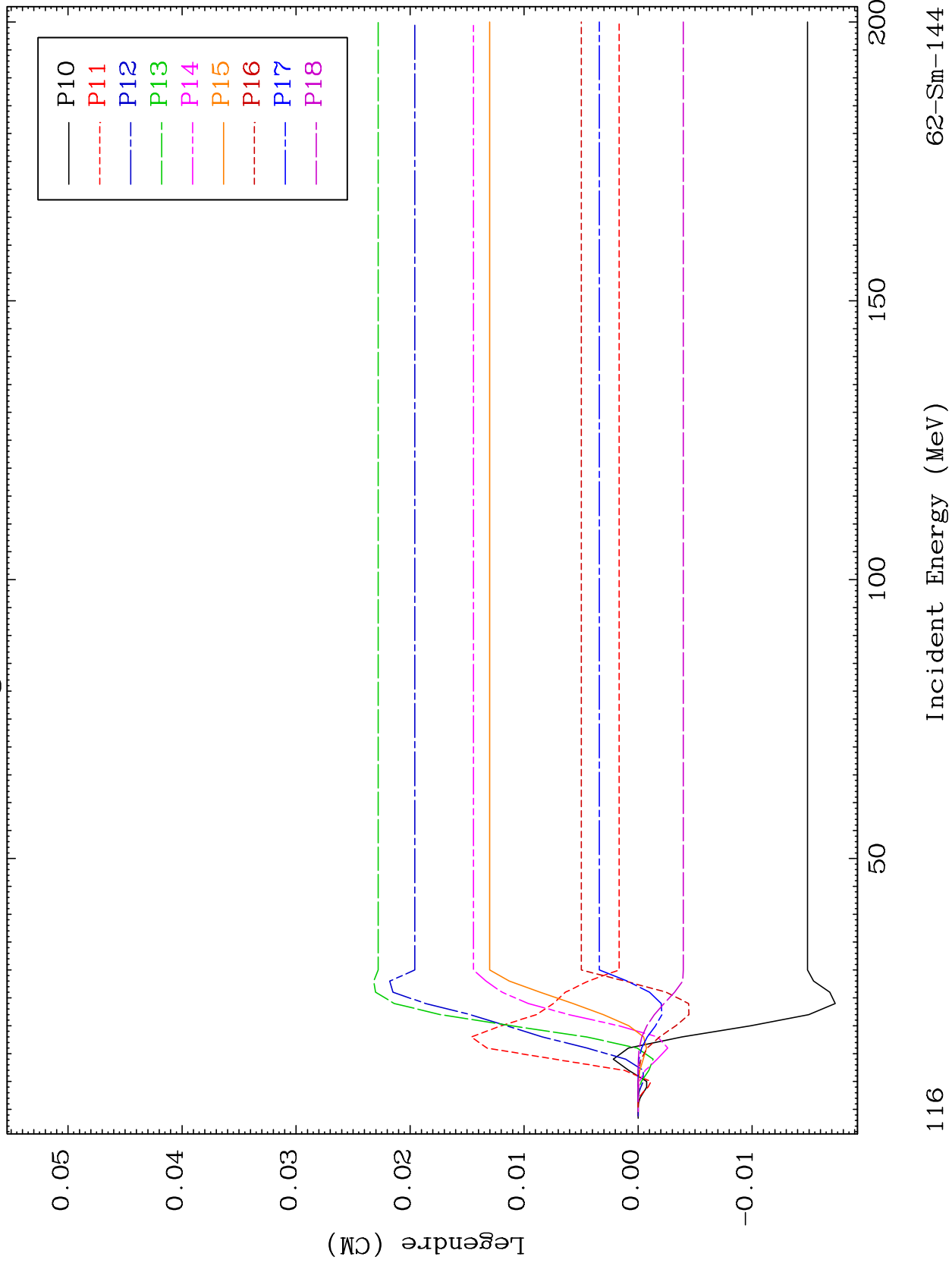
Incident Energy (MeV)

115

MAT 6225

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

62-Sm-144



116

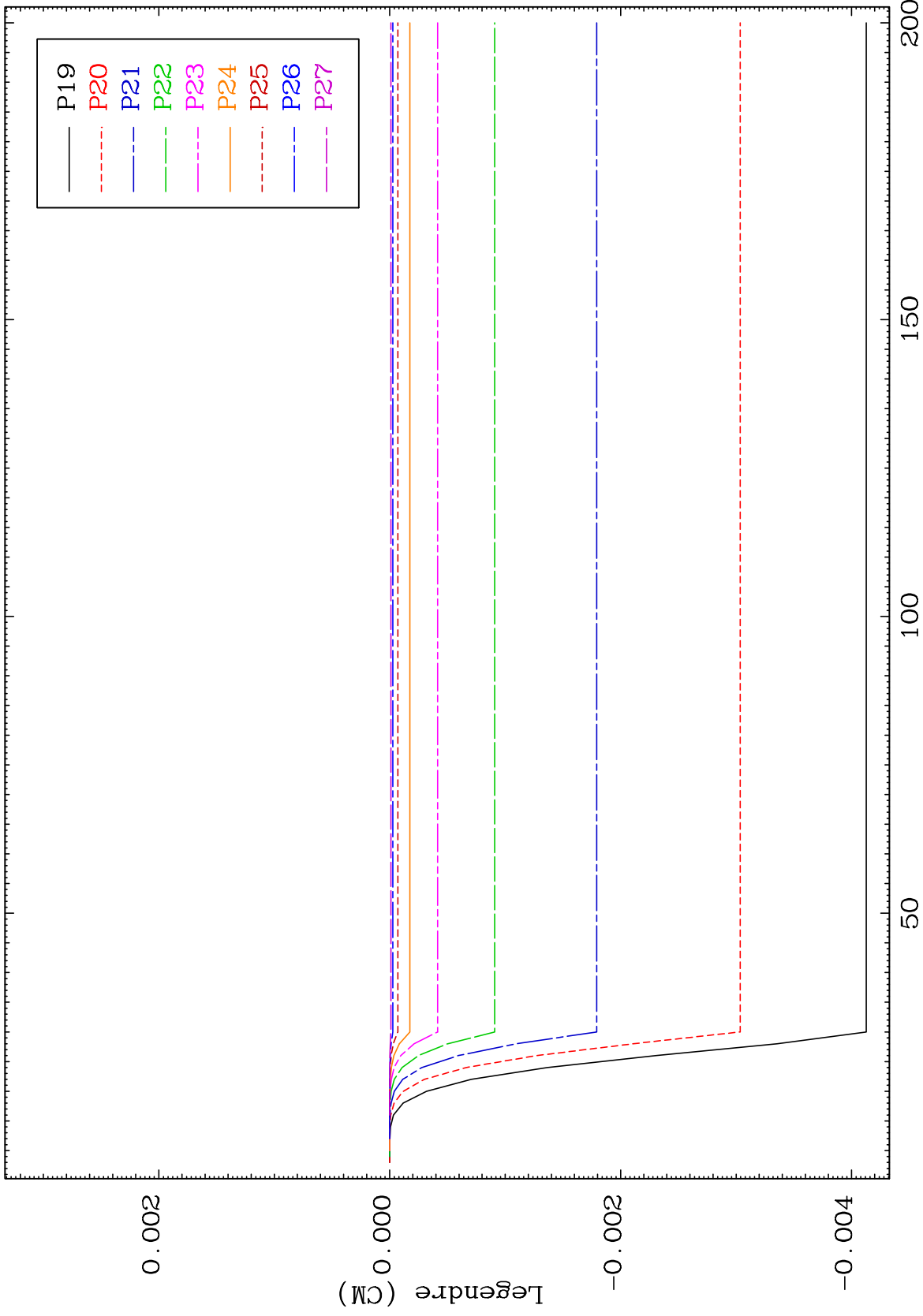
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

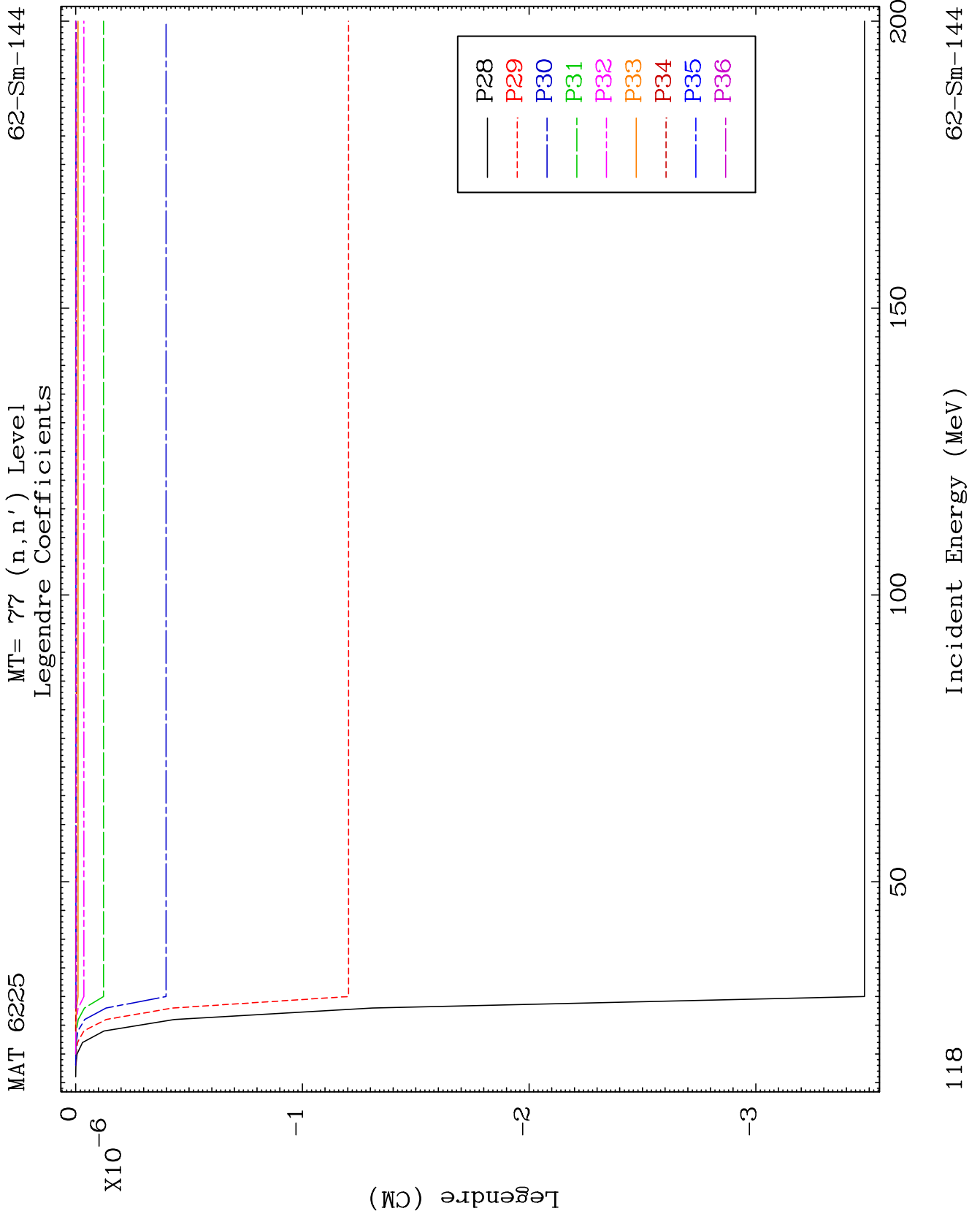
62-Sm-144



117

Incident Energy (MeV)

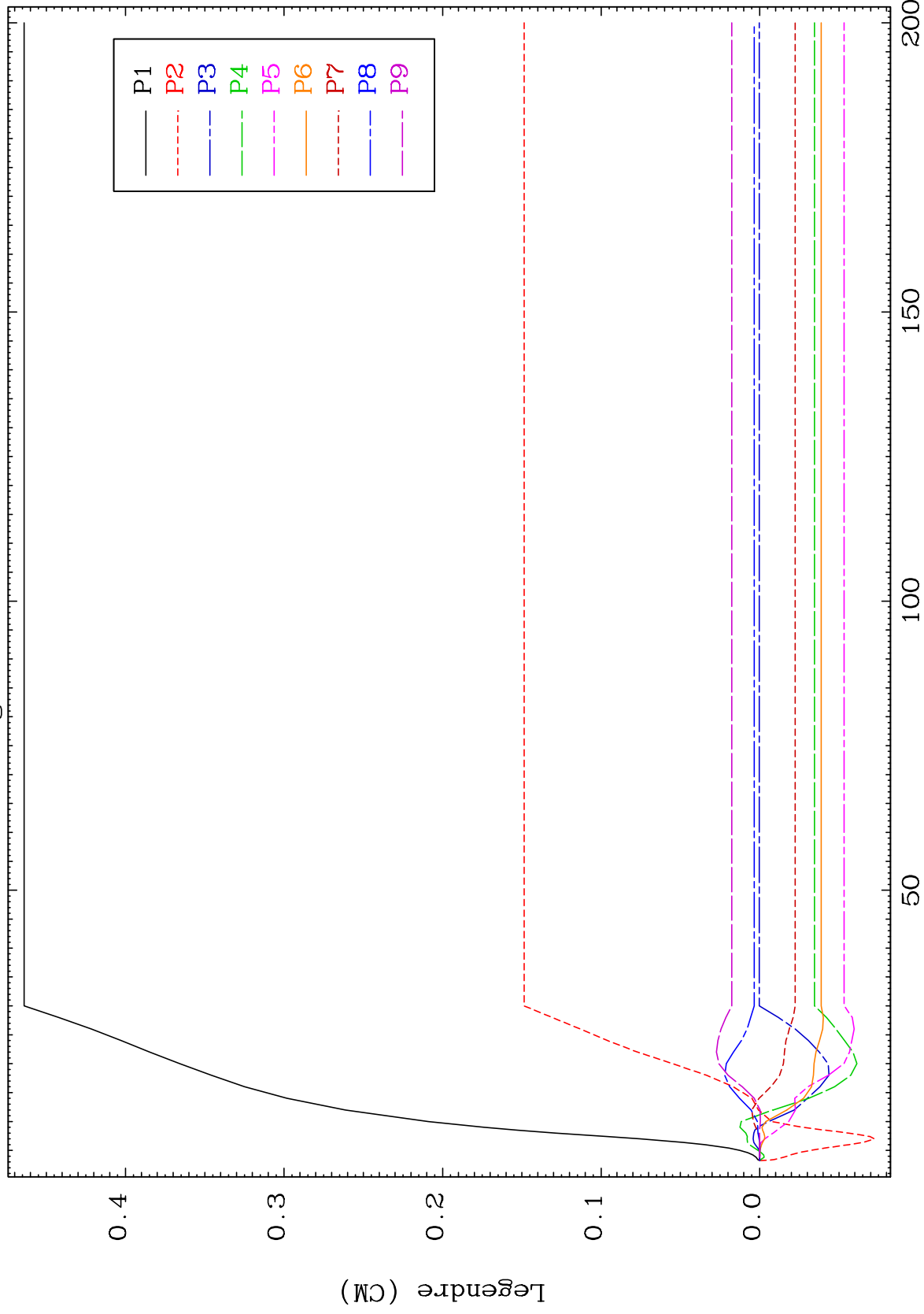
62-Sm-144



MAT 6225

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

62-Sm-144



119

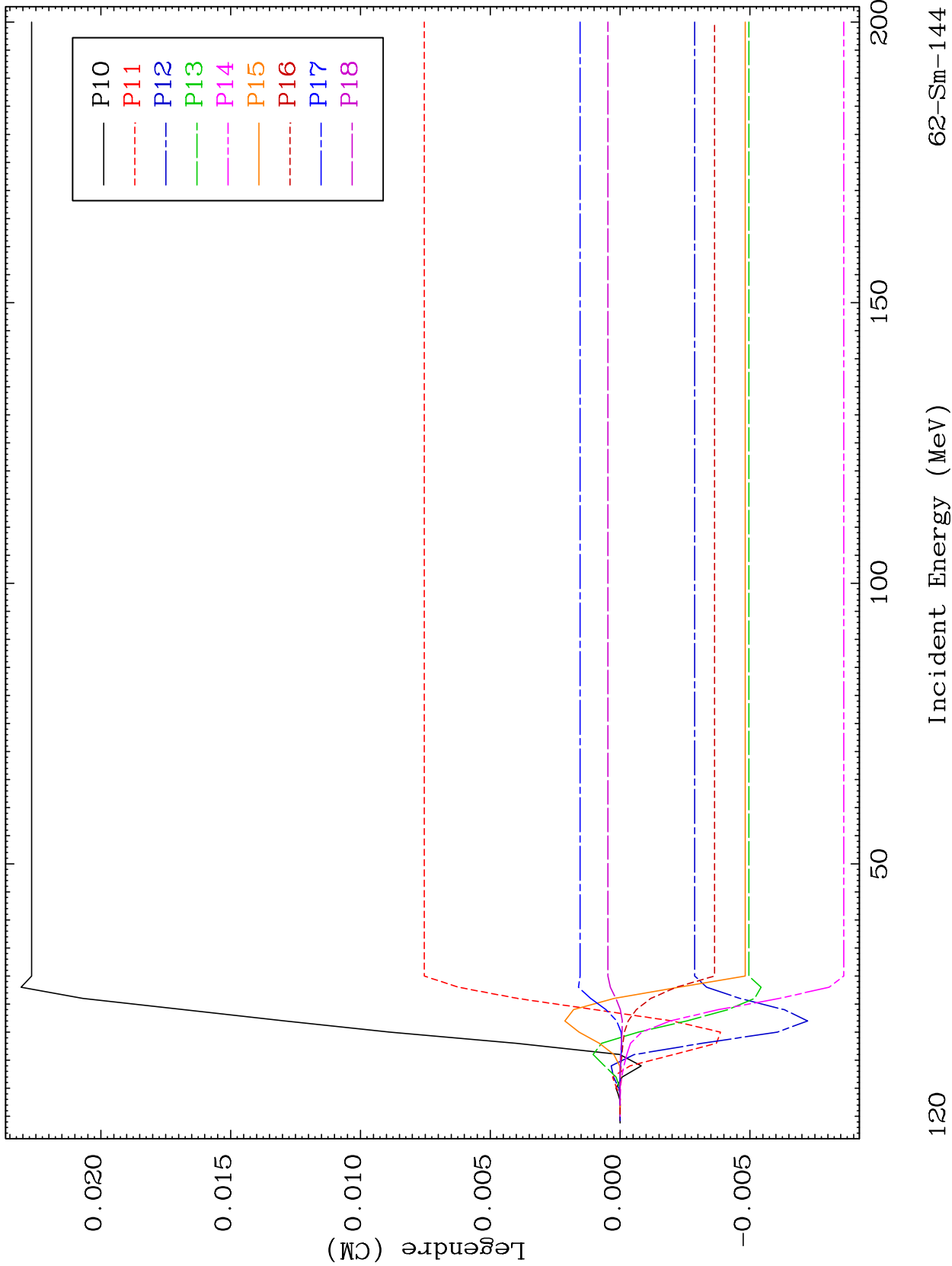
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

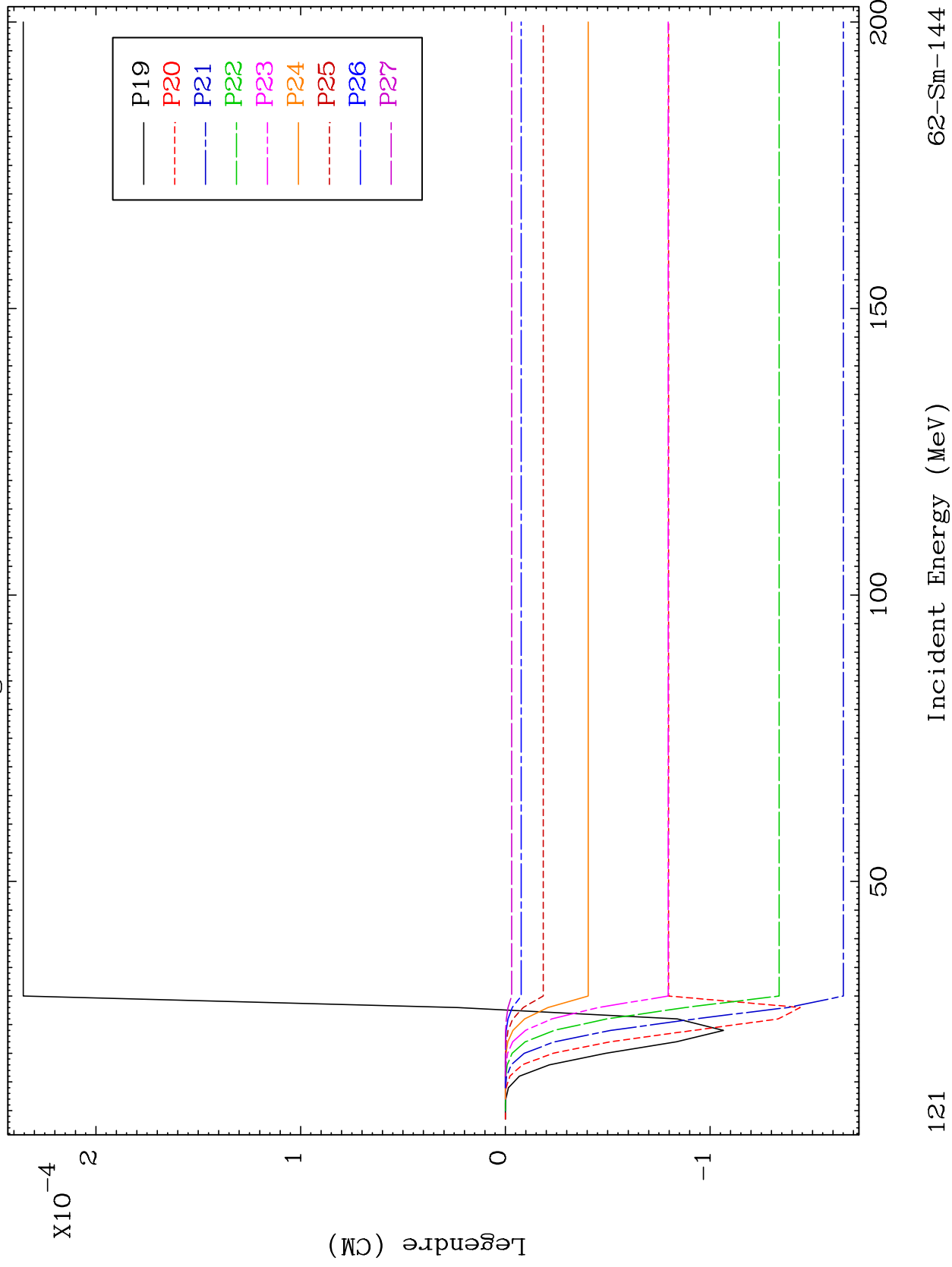
62-Sm-144



MAT 6225

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

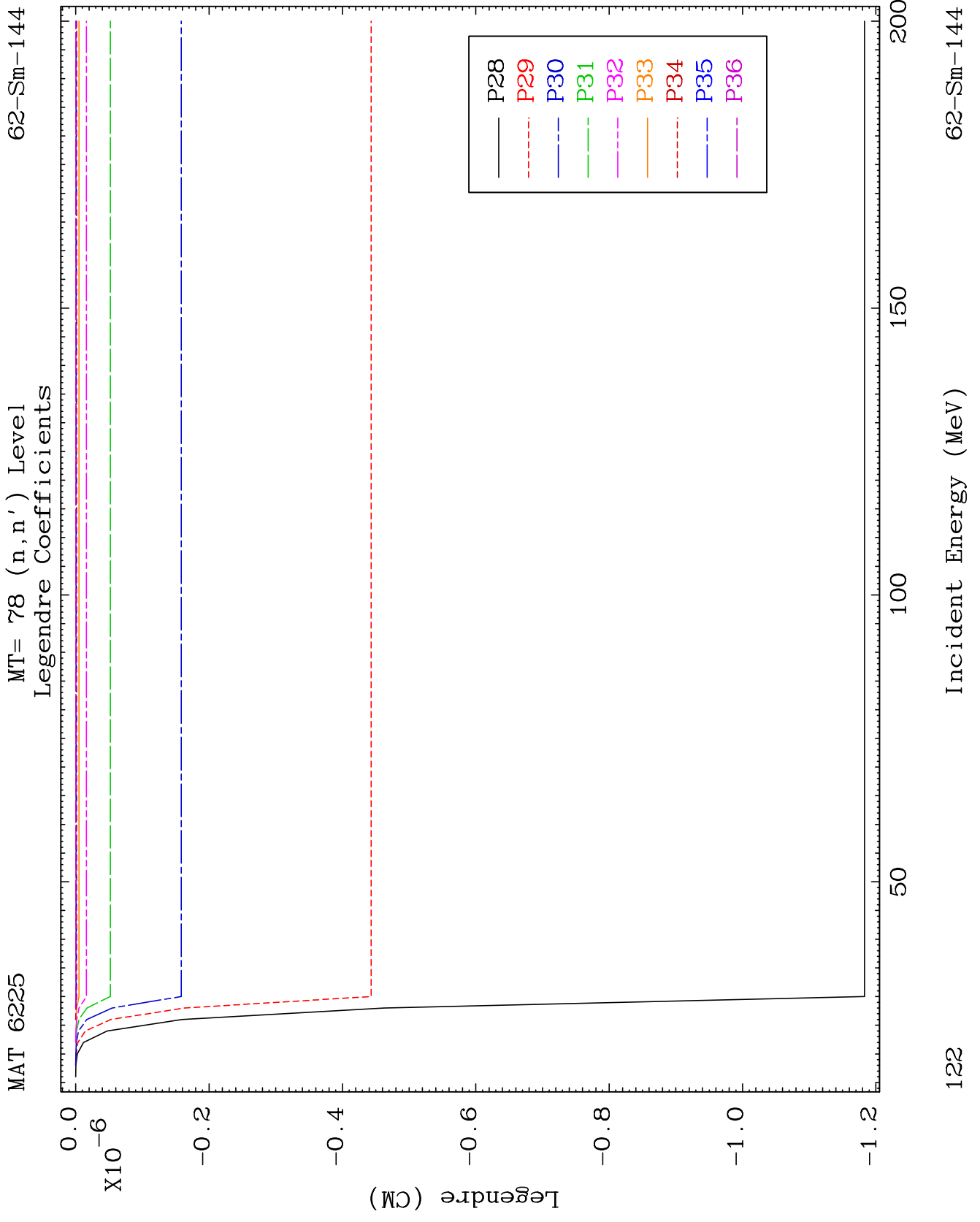
62-Sm-144



121

Incident Energy (MeV)

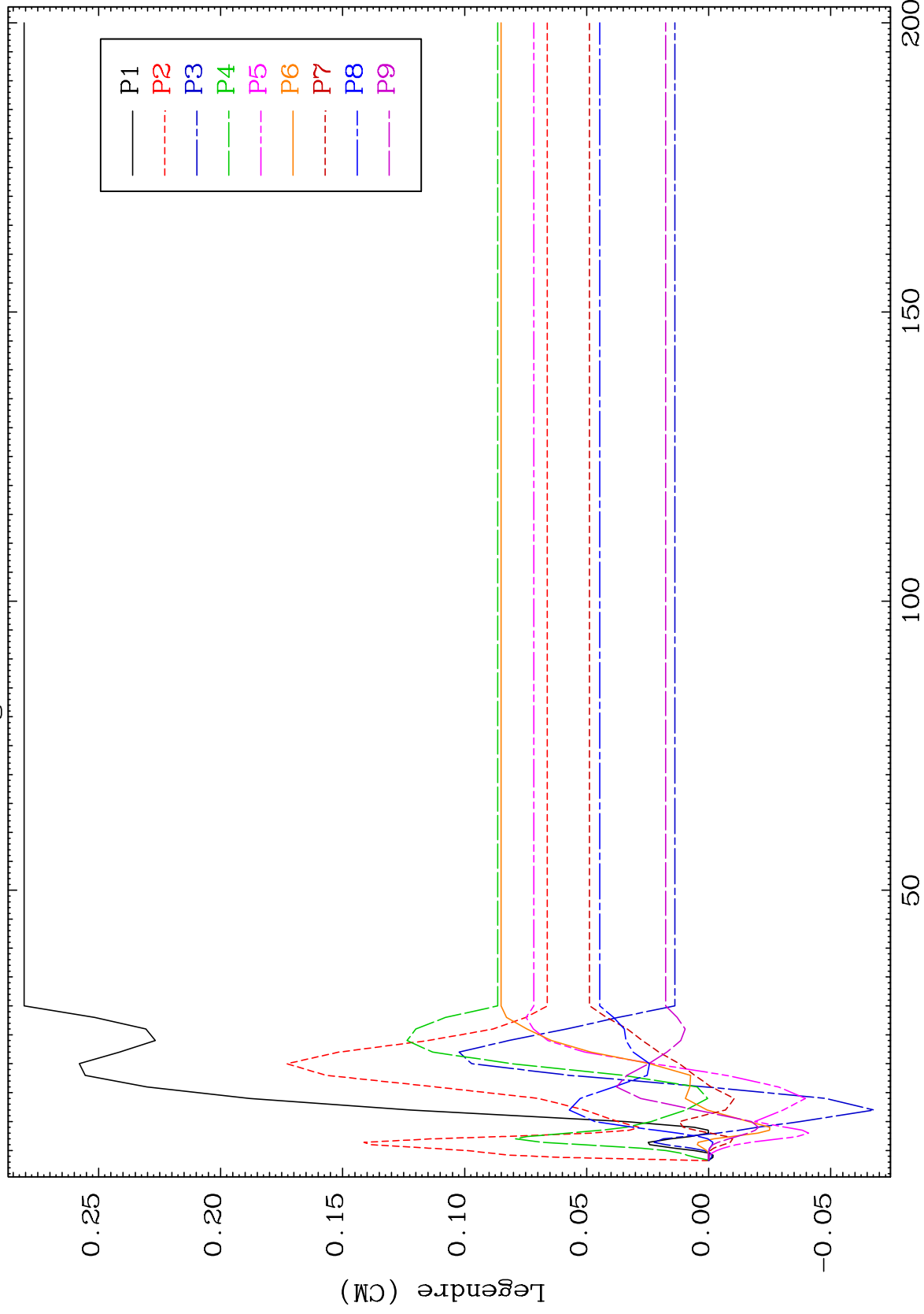
62-Sm-144



MAT 6225

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

62-Sm-144



123

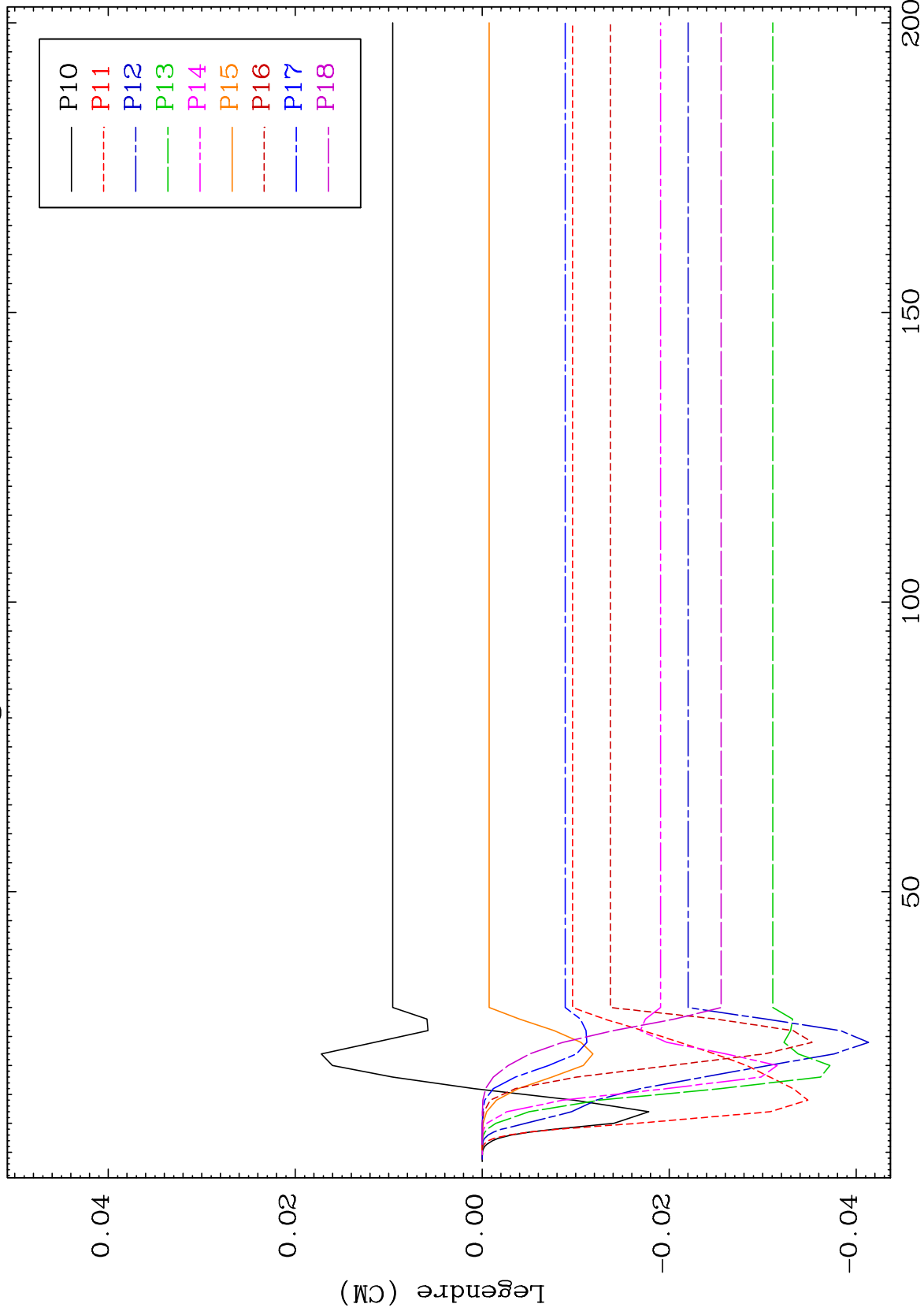
Incident Energy (MeV)

62-Sm-144

MAT 6225

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

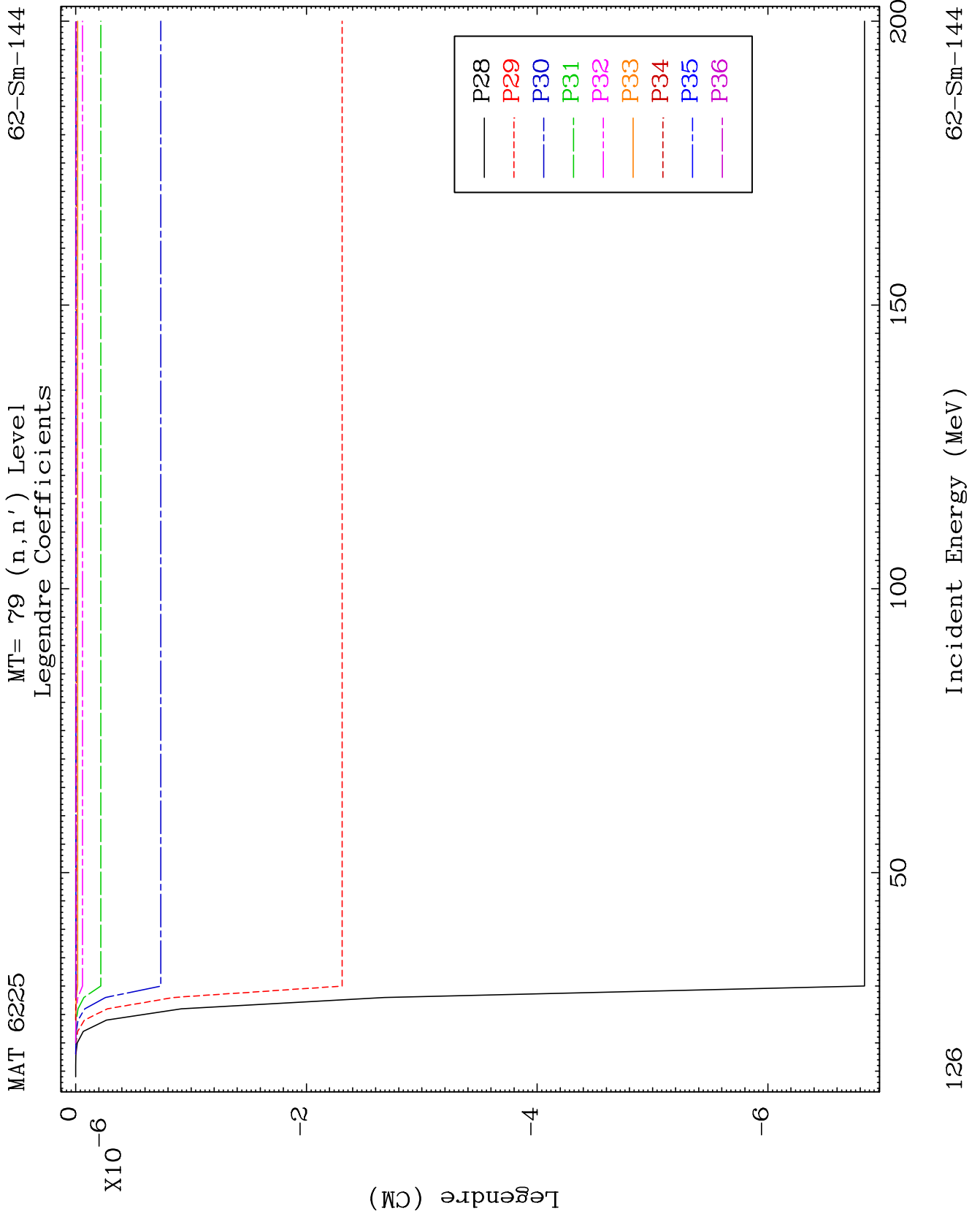
62-Sm-144



124

Incident Energy (MeV)

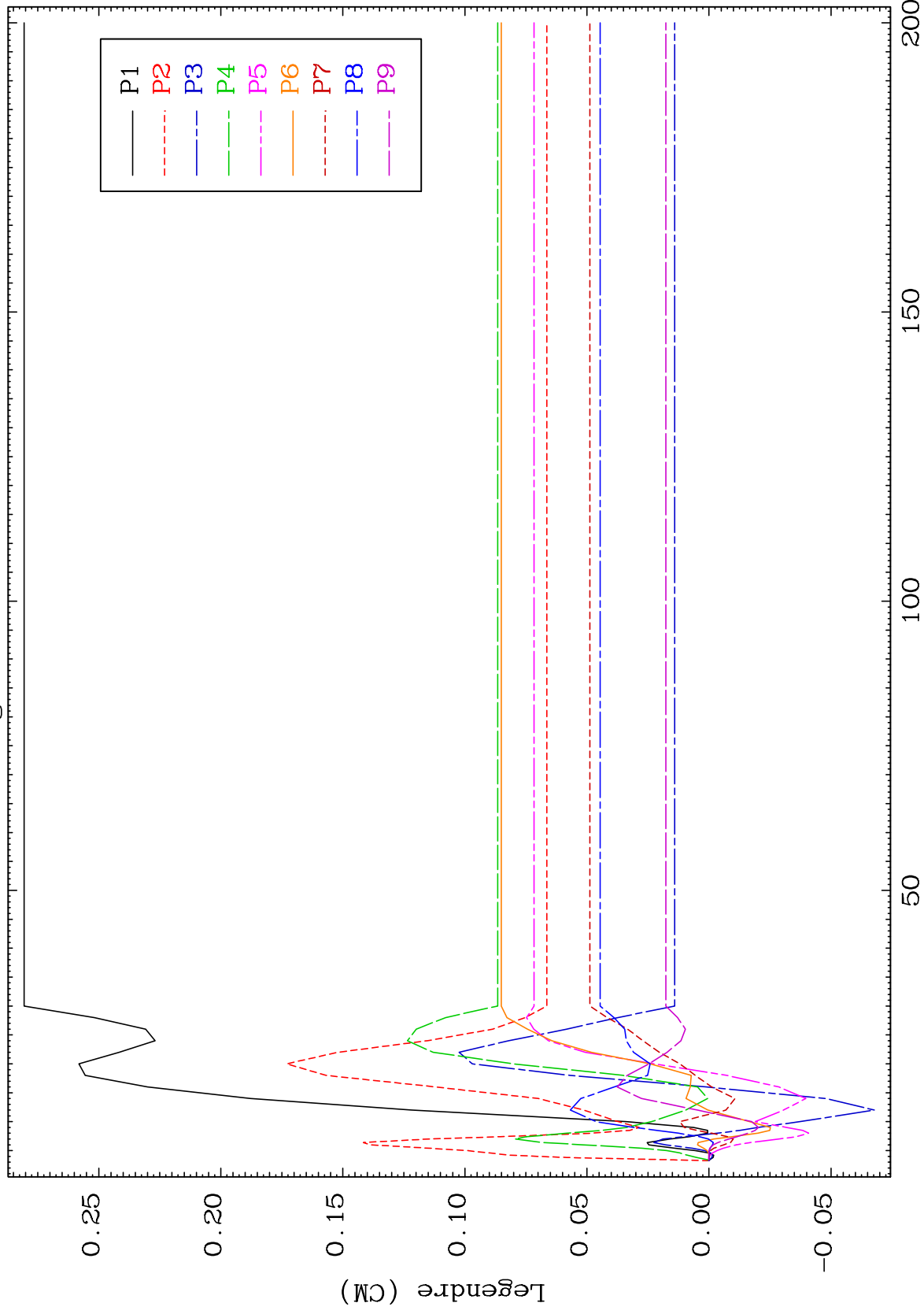
62-Sm-144



MAT 6225

MT= 80 (n,n') Level
Legendre Coefficients

62-Sm-144



127

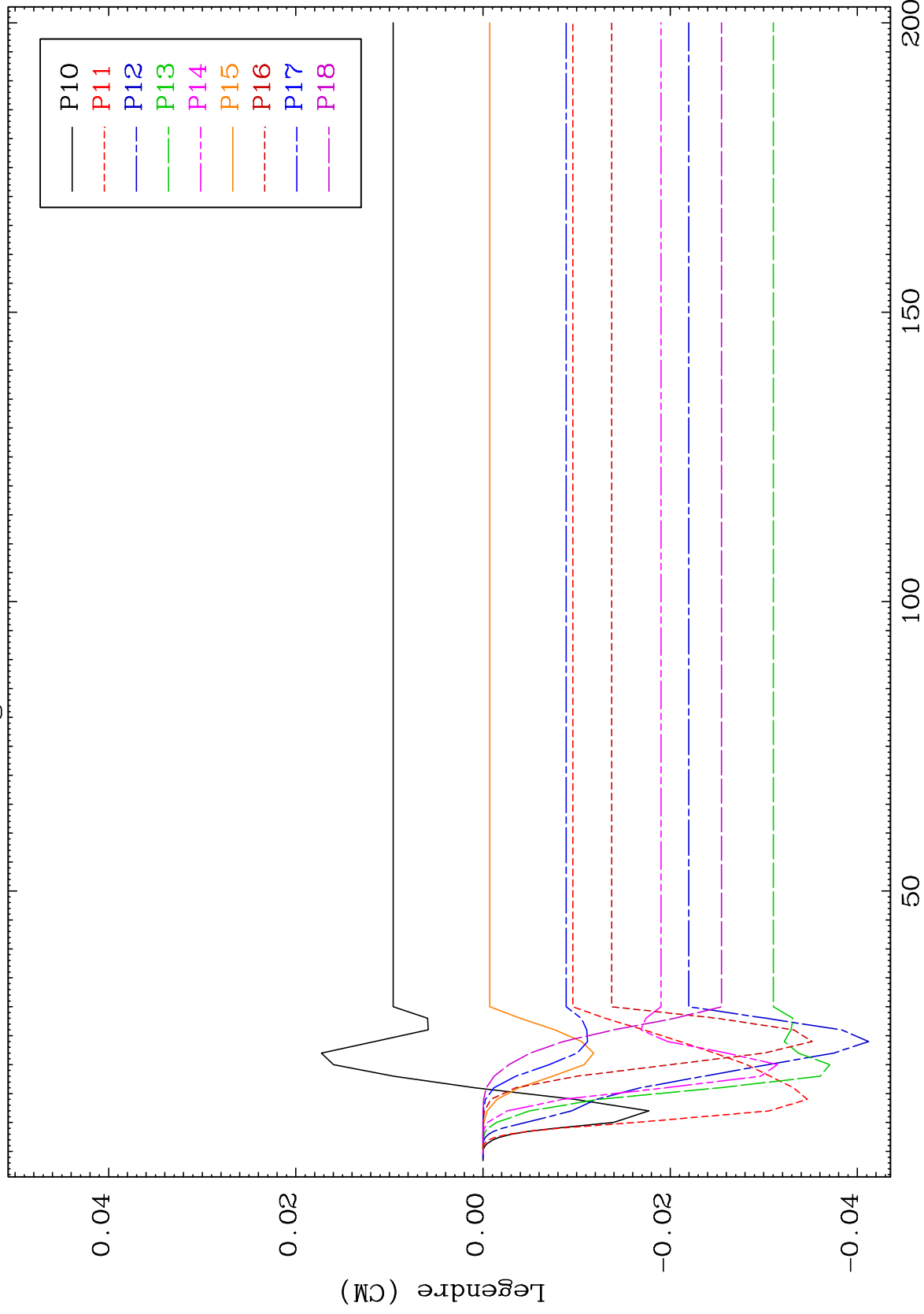
Incident Energy (MeV)

62-Sm-144

MAT 6225

MT= 80 (n,n') Level
Legendre Coefficients

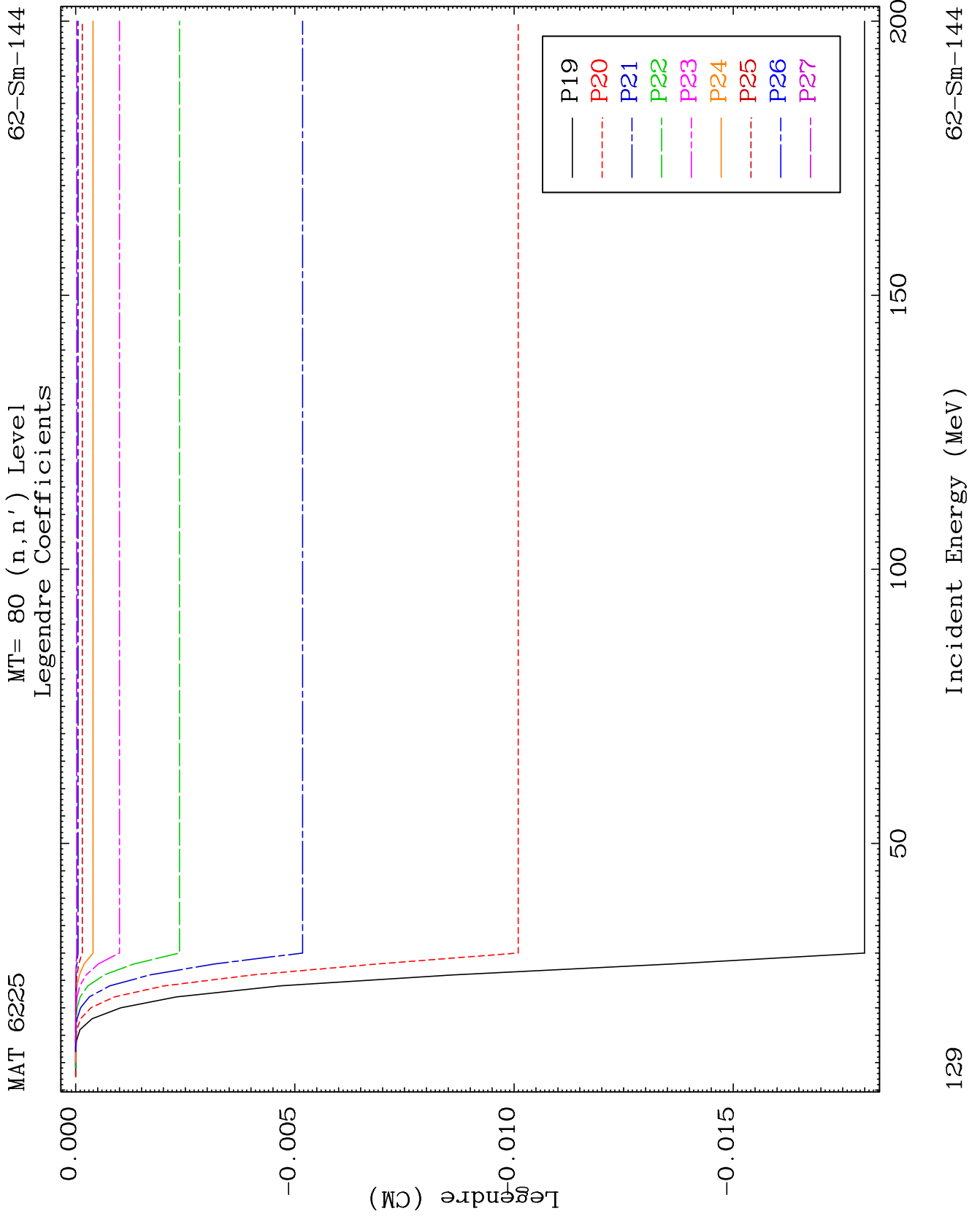
62-Sm-144

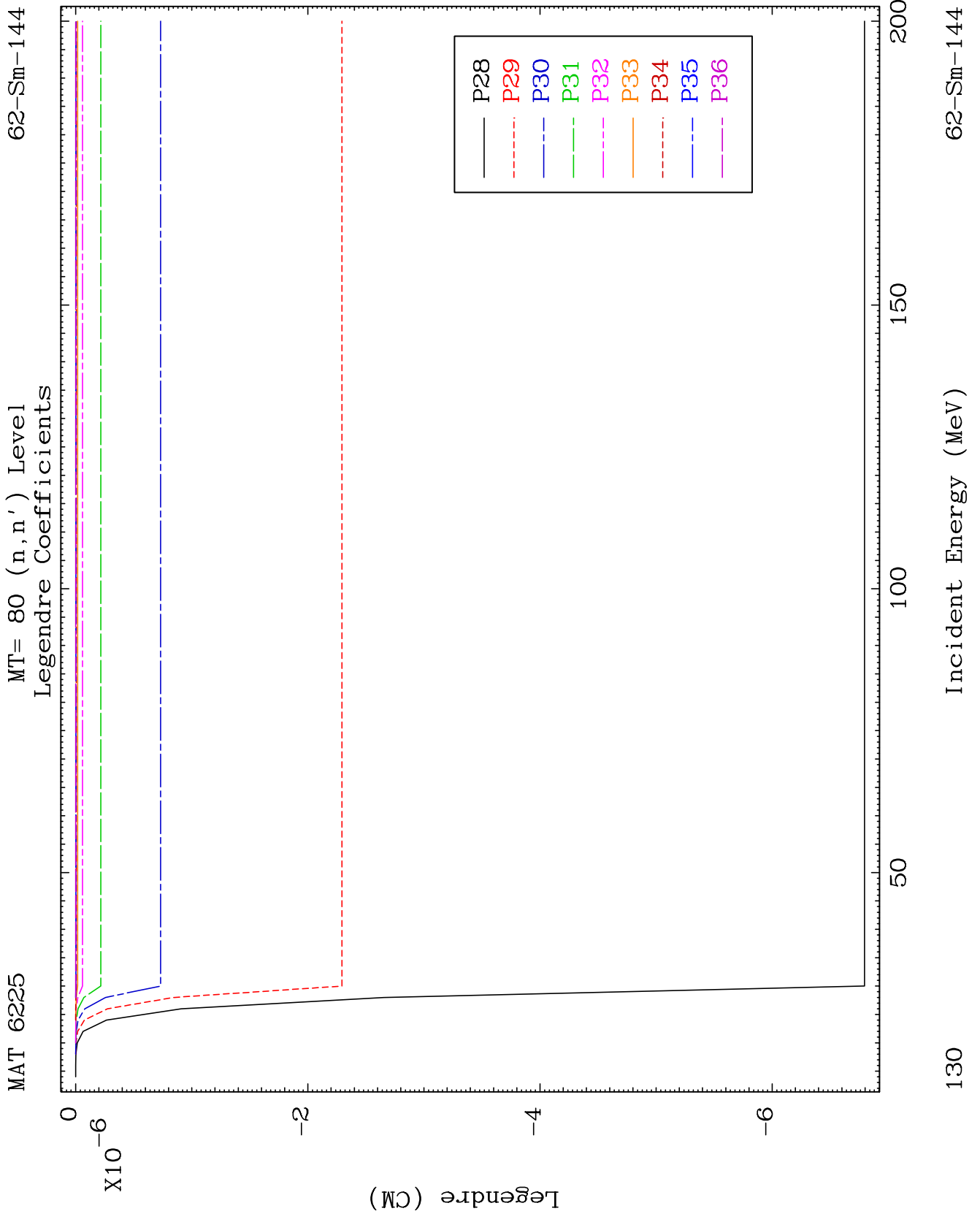


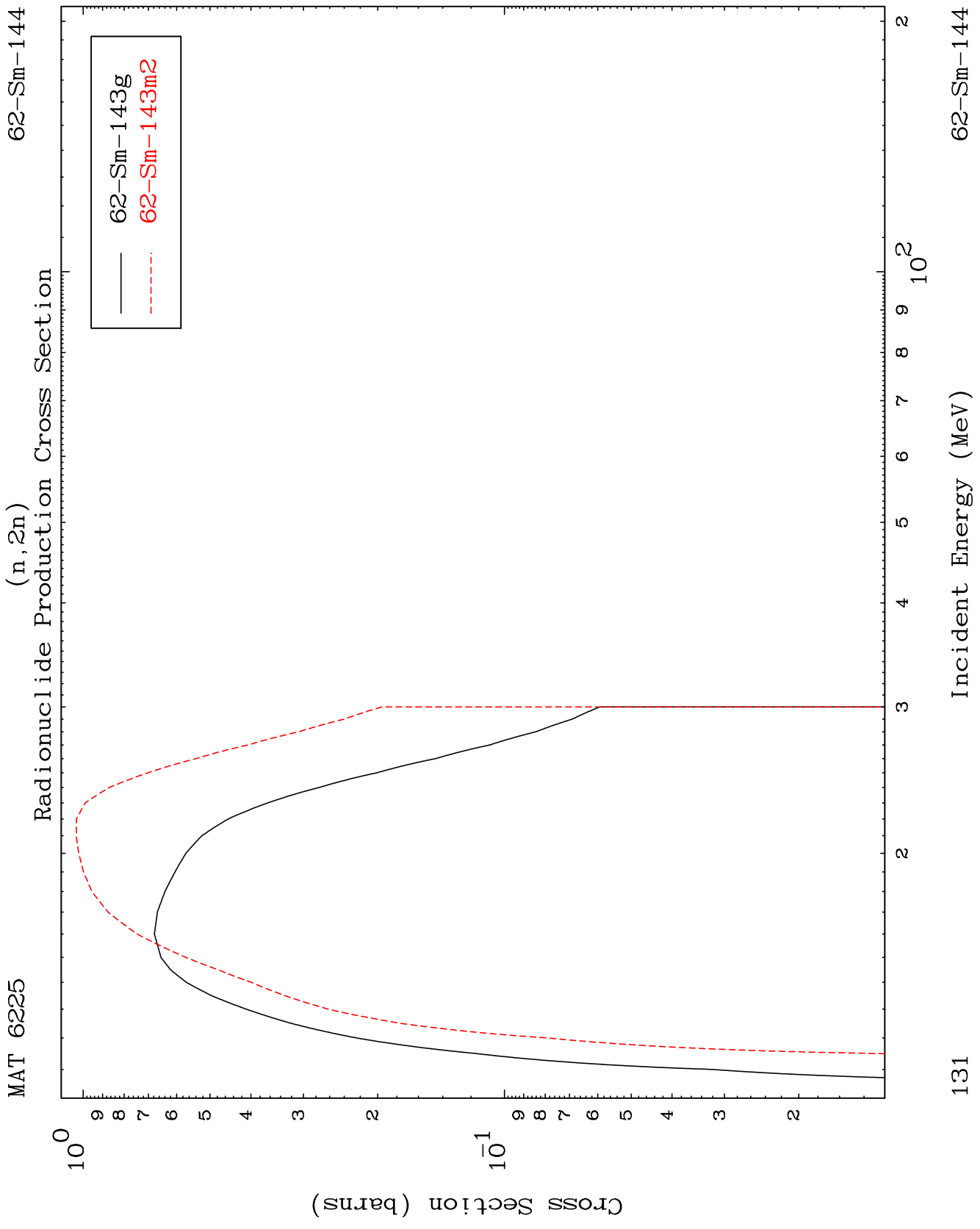
128

Incident Energy (MeV)

62-Sm-144





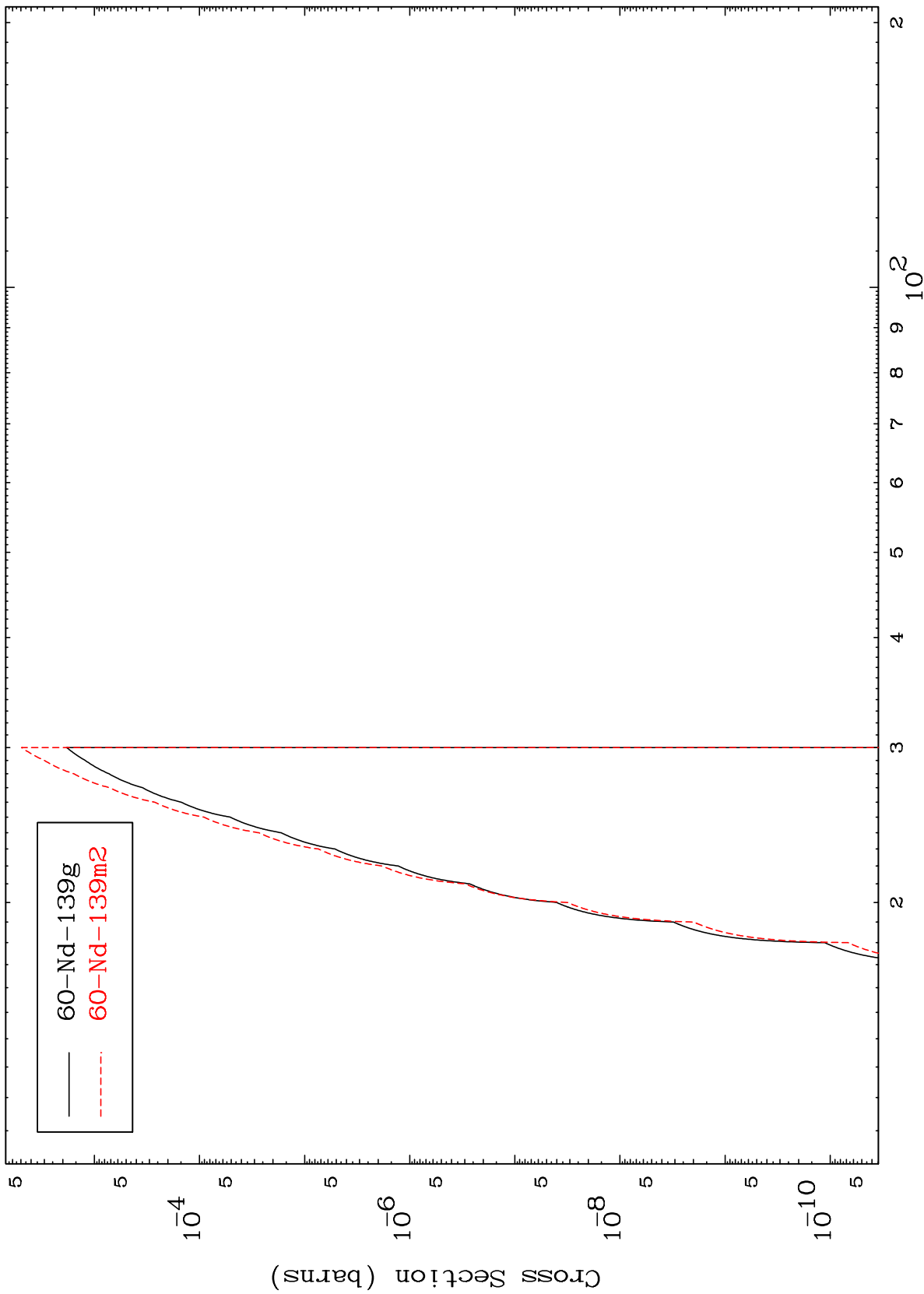


MAT 6225

$(n,2n) \alpha$

62-Sm-144

Radionuclide Production Cross Section

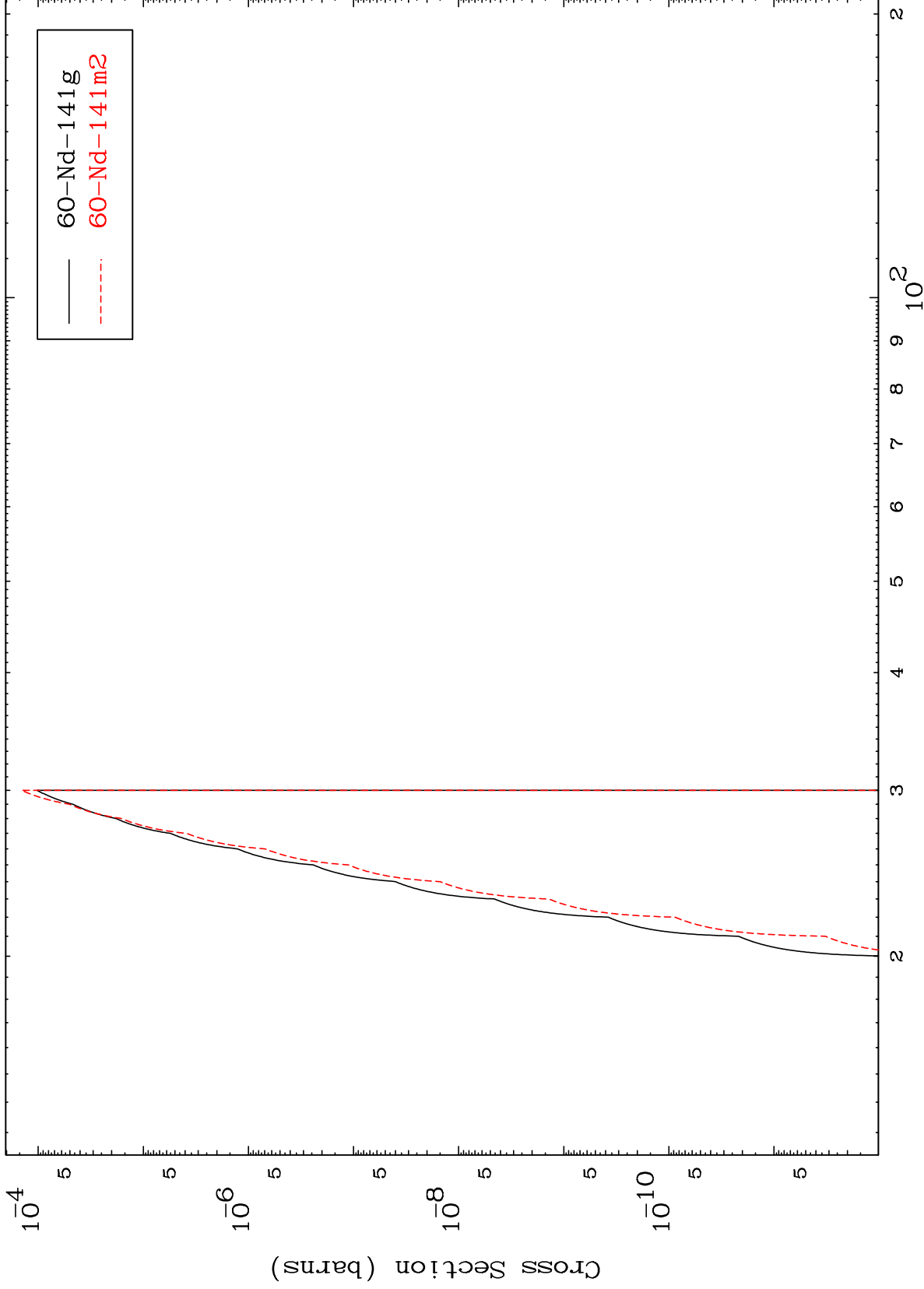


132

Incident Energy (MeV)

62-Sm-144

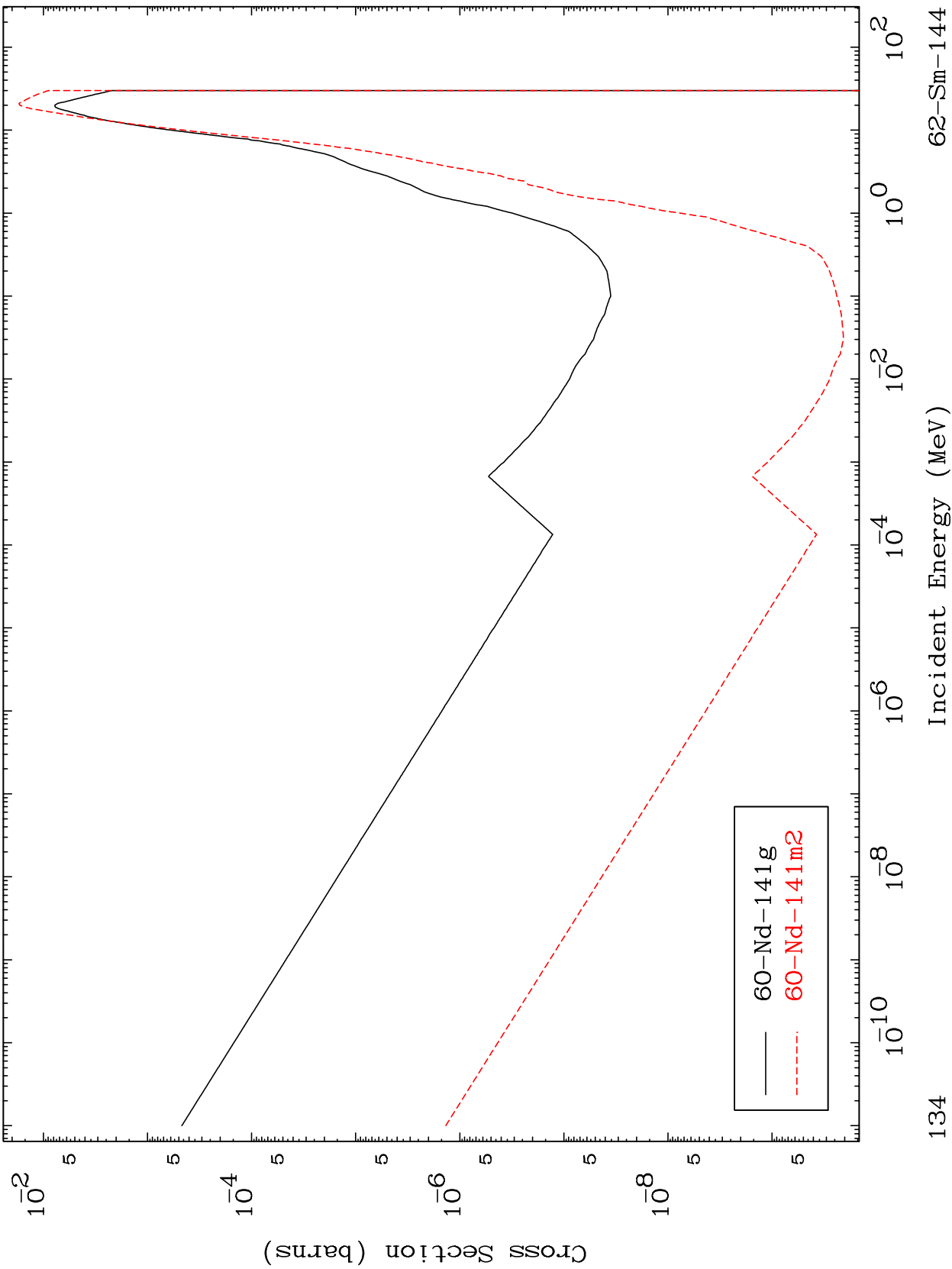
Radionuclide Production Cross Section



MAT 6225

62-Sm-144

(n, α)
Radionuclide Production Cross Section

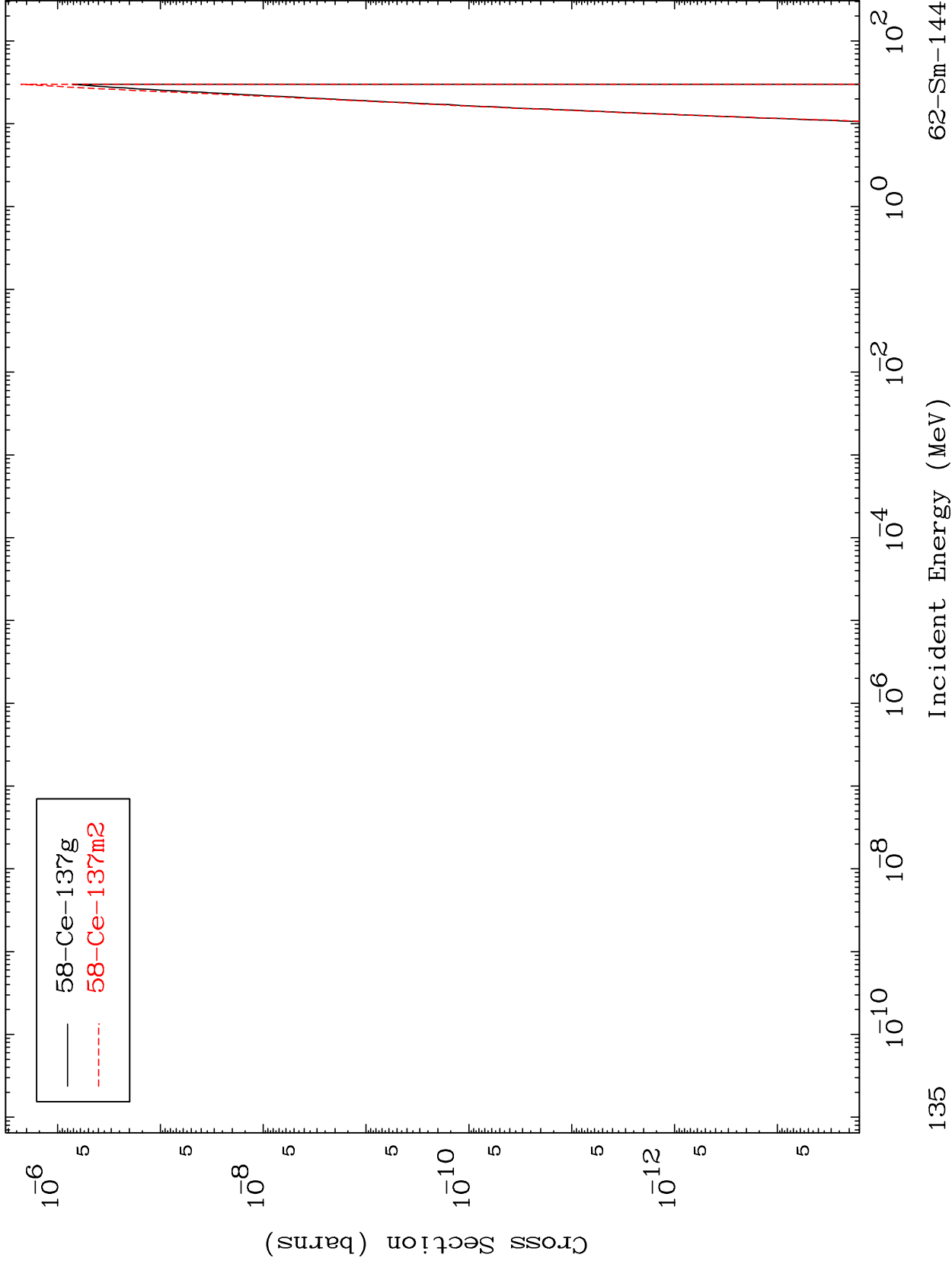


MAT 6225

(n,2α)

62-Sm-144

Radionuclide Production Cross Section



135

62-Sm-144

Radionuclide Production Cross Section

