

Program EVALPLOT
(Version 2015-2)

by

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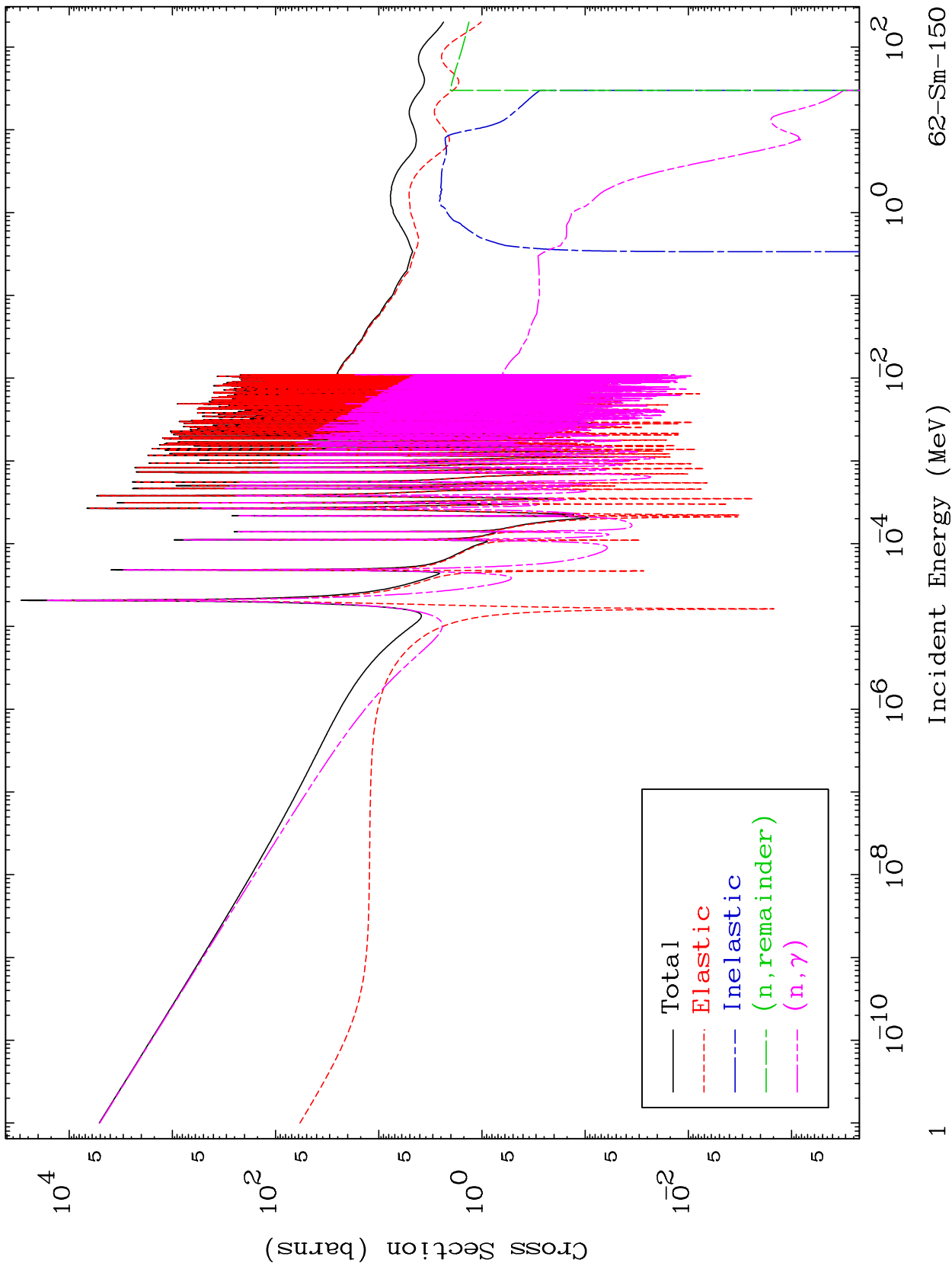
Press Mouse Button to Start

MAT 6243

Major

293 Kelvin Cross Sections

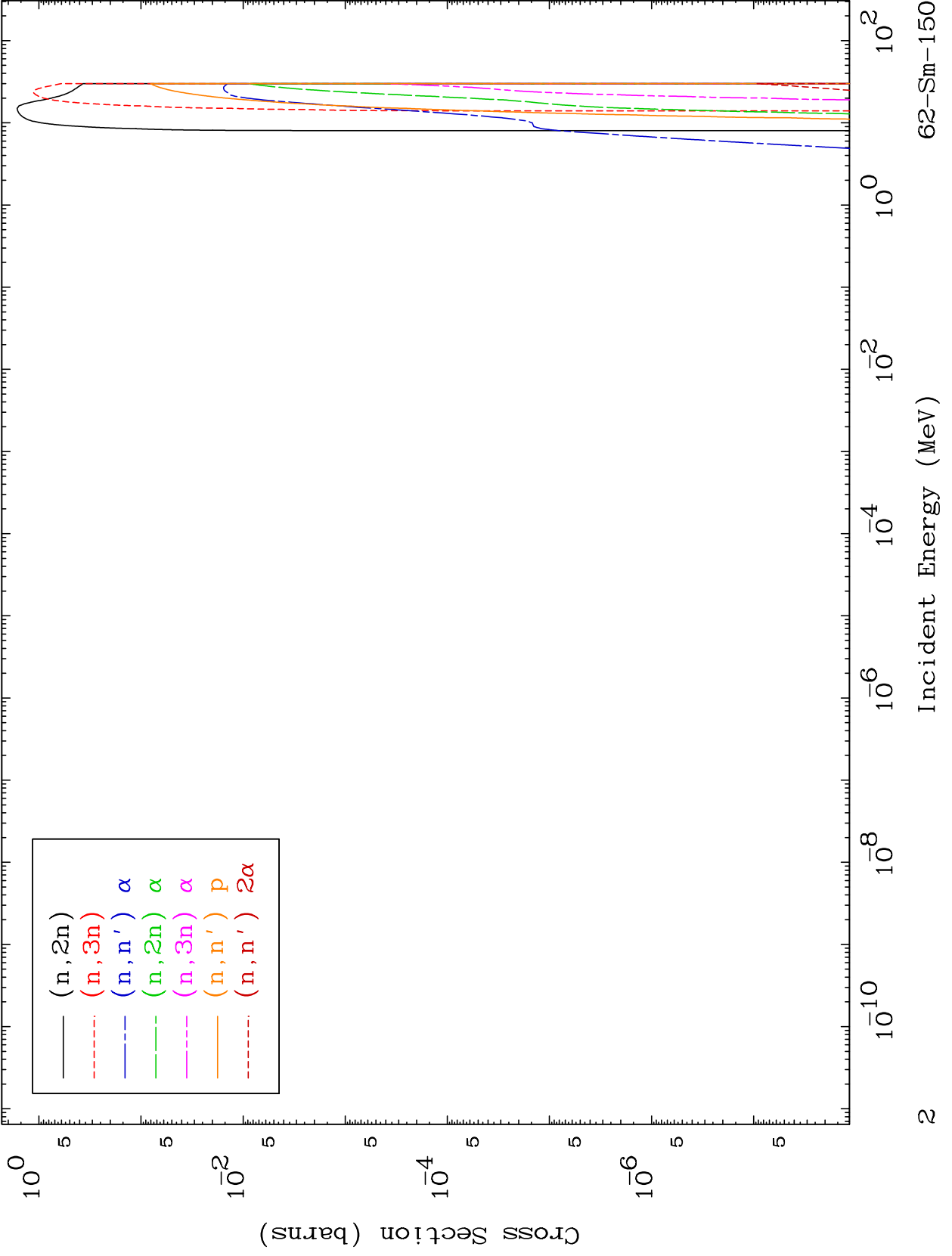
62-Sm-150

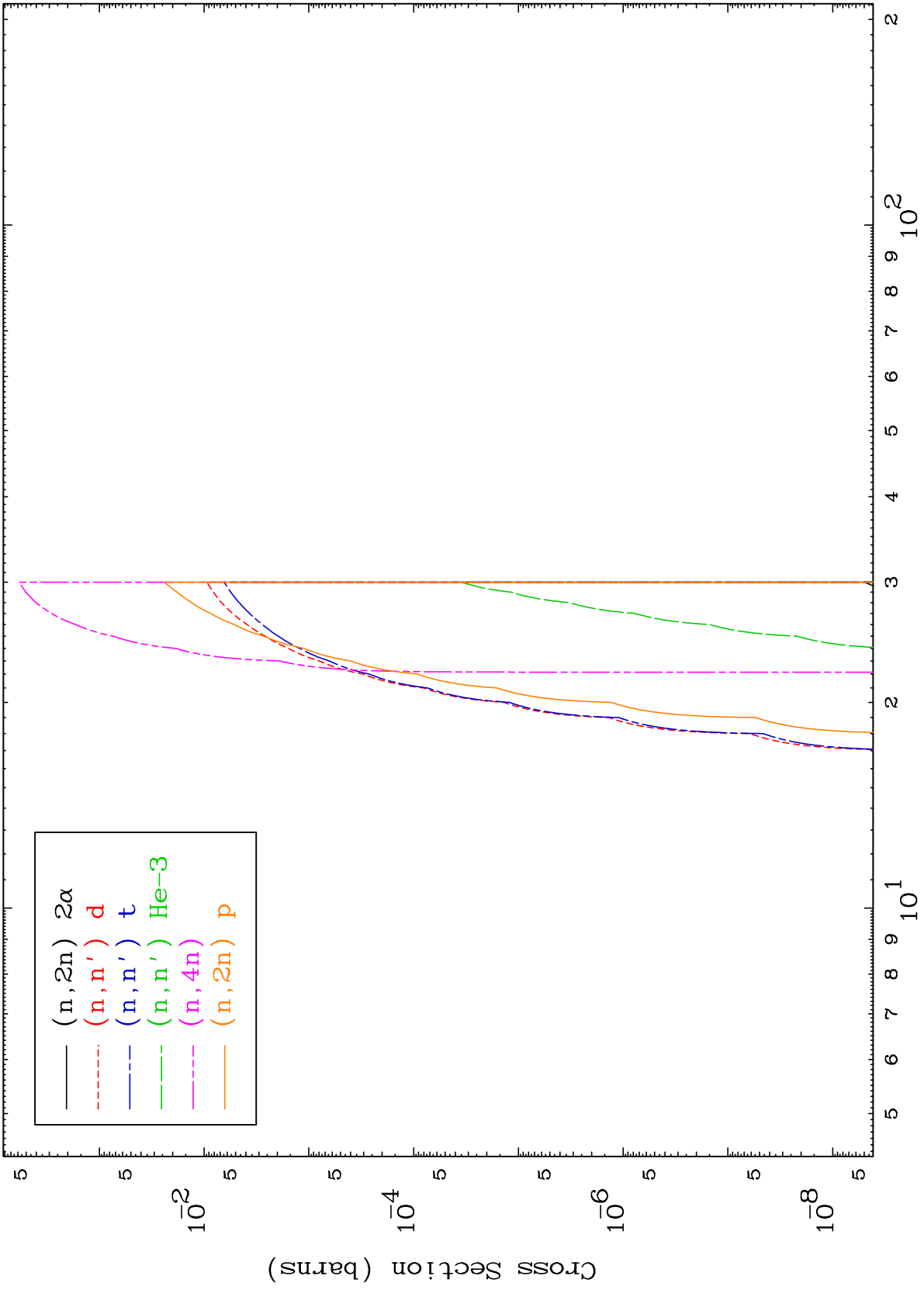


MAT 6243

Neutron Production
293 Kelvin Cross Sections

62-Sm-150

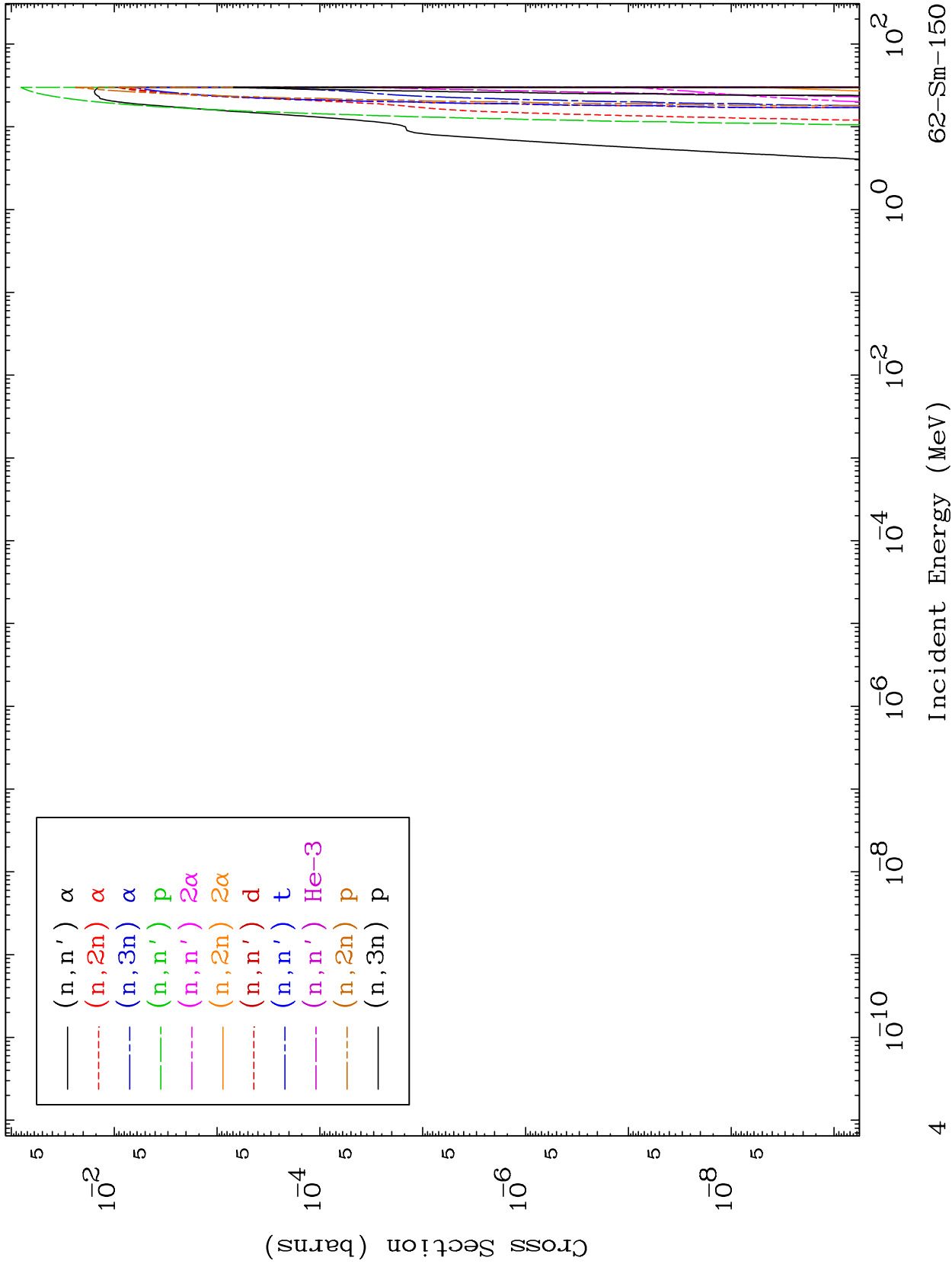




MAT 6243

Charged Particle
293 Kelvin Cross Sections

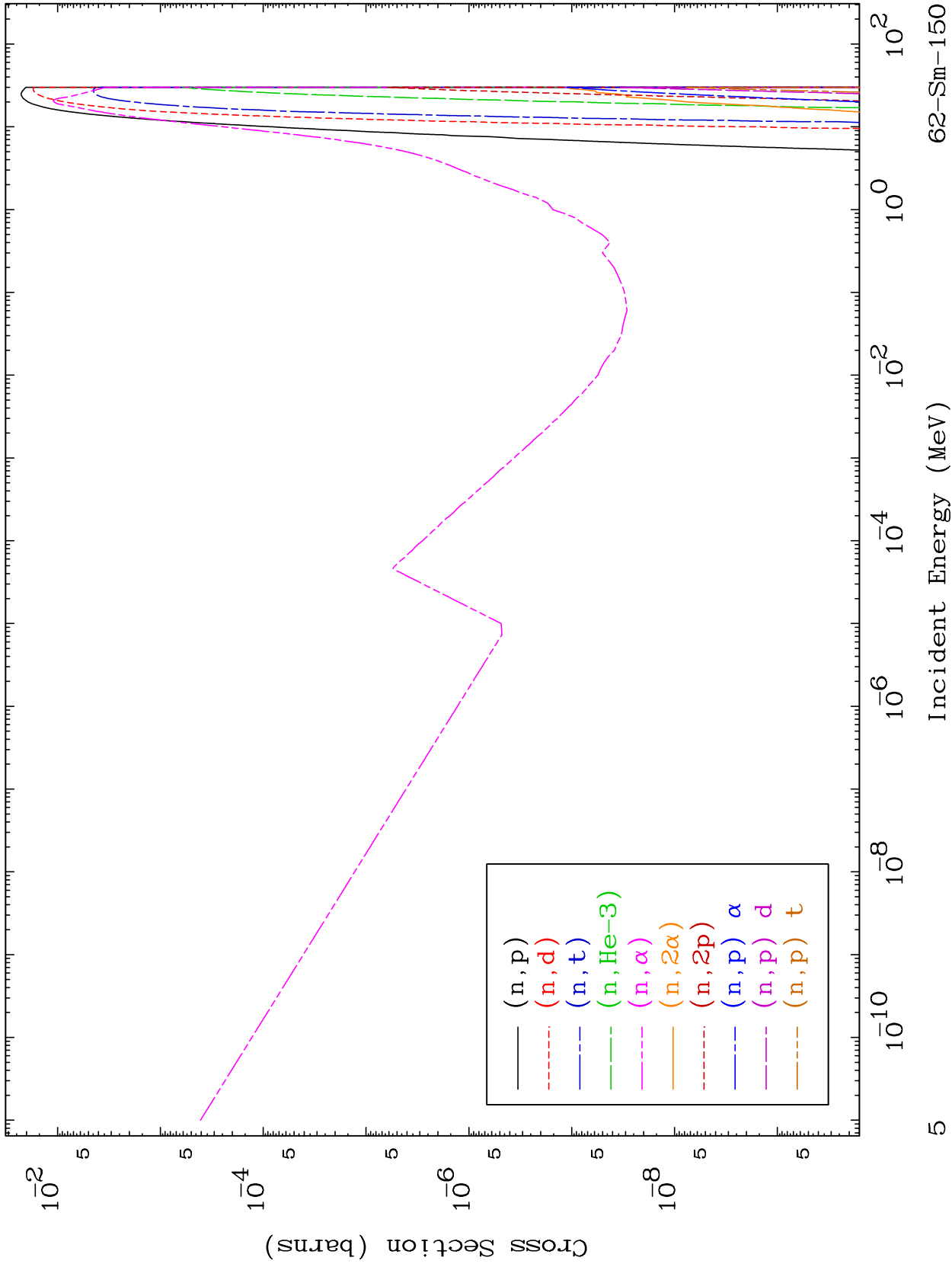
62-Sm-150



MAT 6243

Charged Particle
293 Kelvin Cross Sections

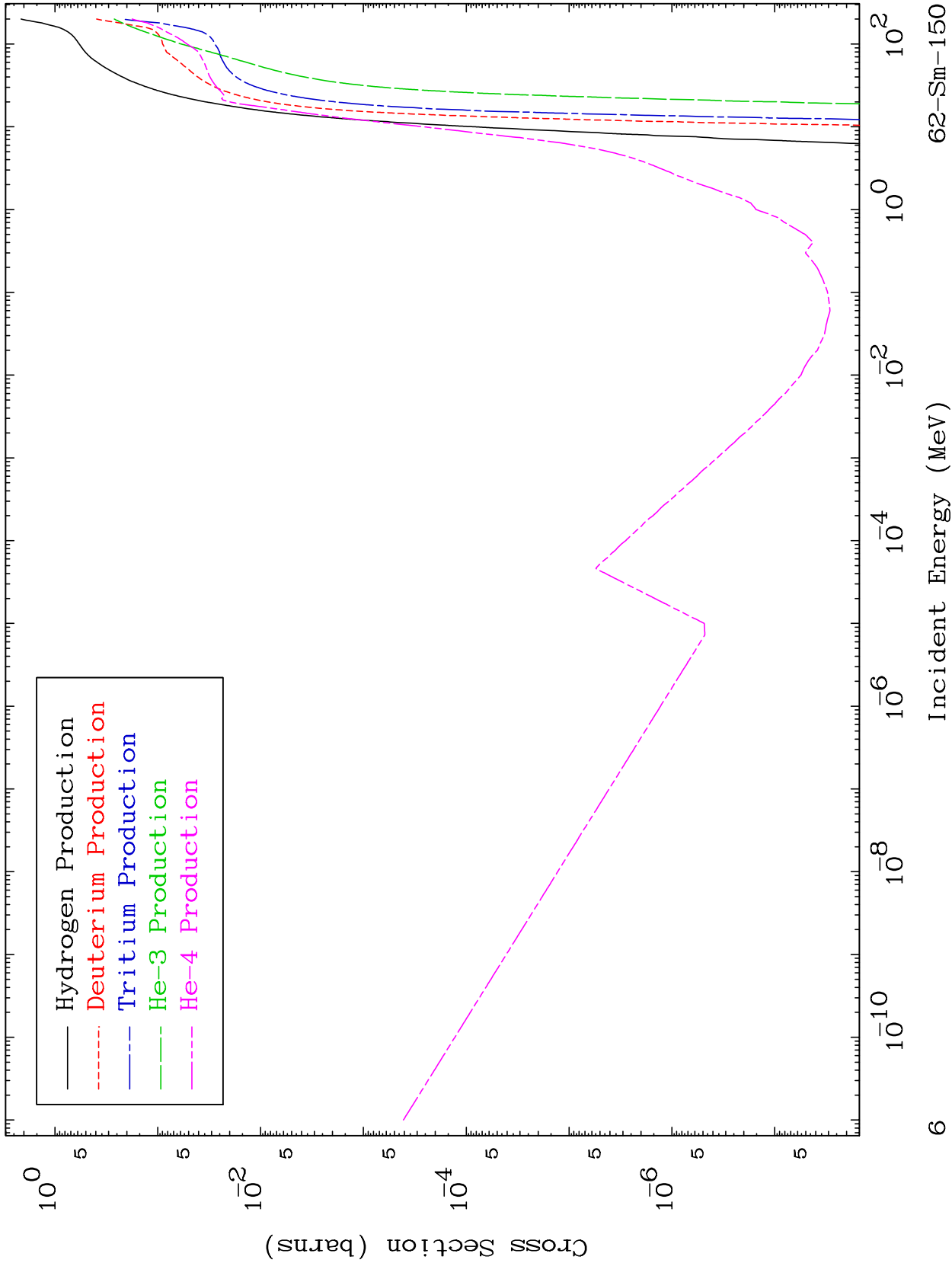
62-Sm-150



MAT 6243

Particle Production
293 Kelvin Cross Sections

62-Sm-150

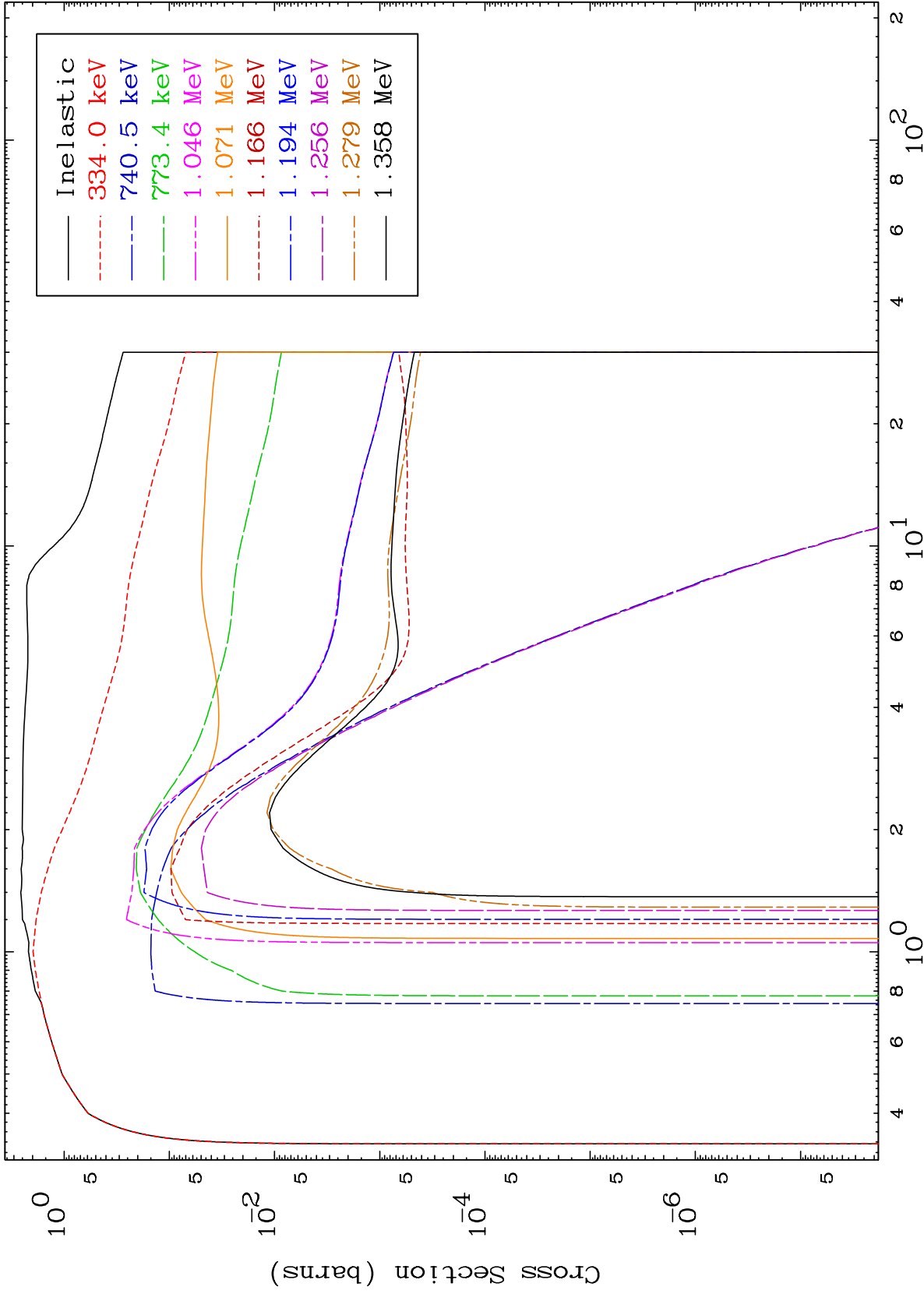


MAT 6243

(n,n') Level

62-Sm-150

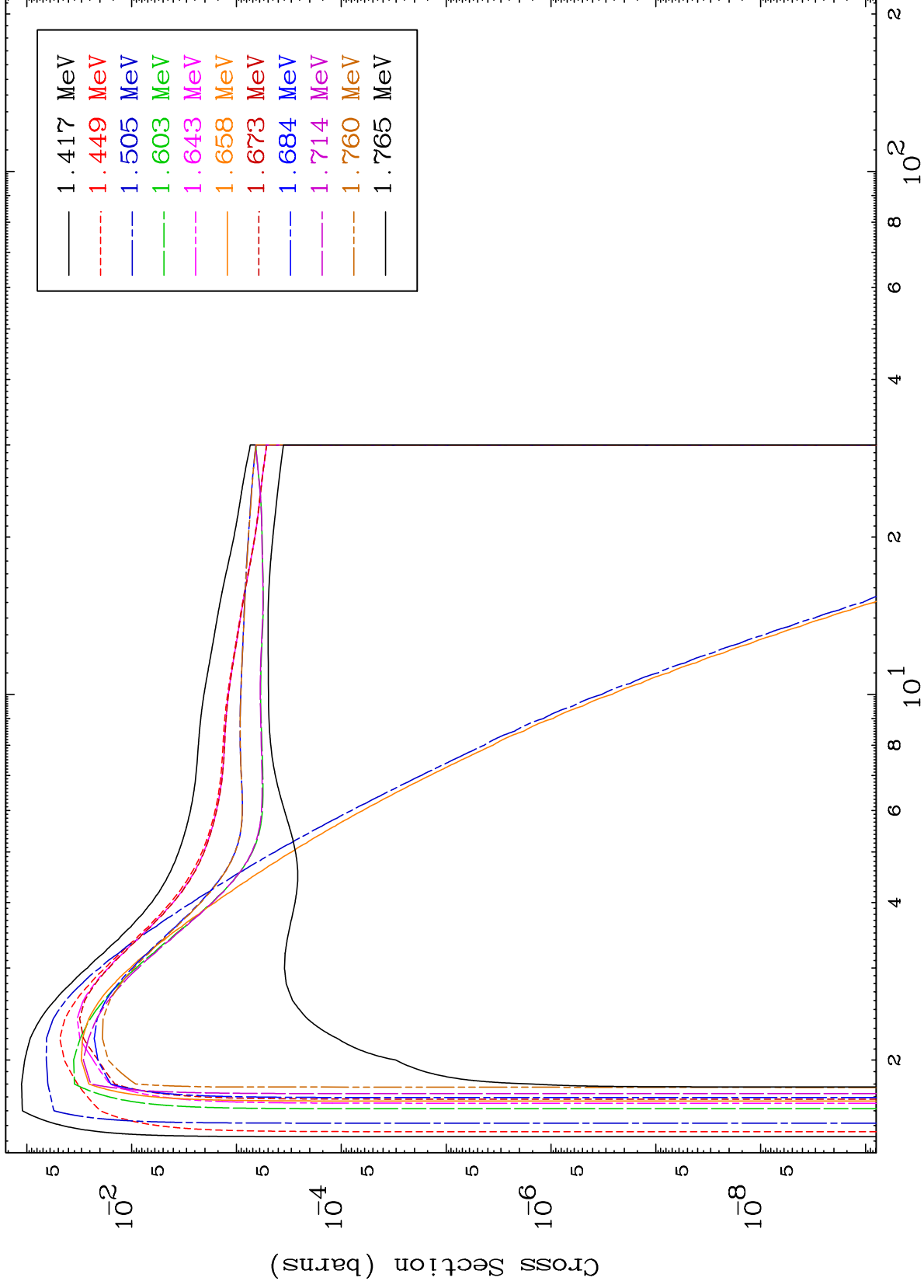
293 Kelvin Cross Sections



MAT 6243

(n,n') Level
293 Kelvin Cross Sections

62-Sm-150



8

Incident Energy (MeV)

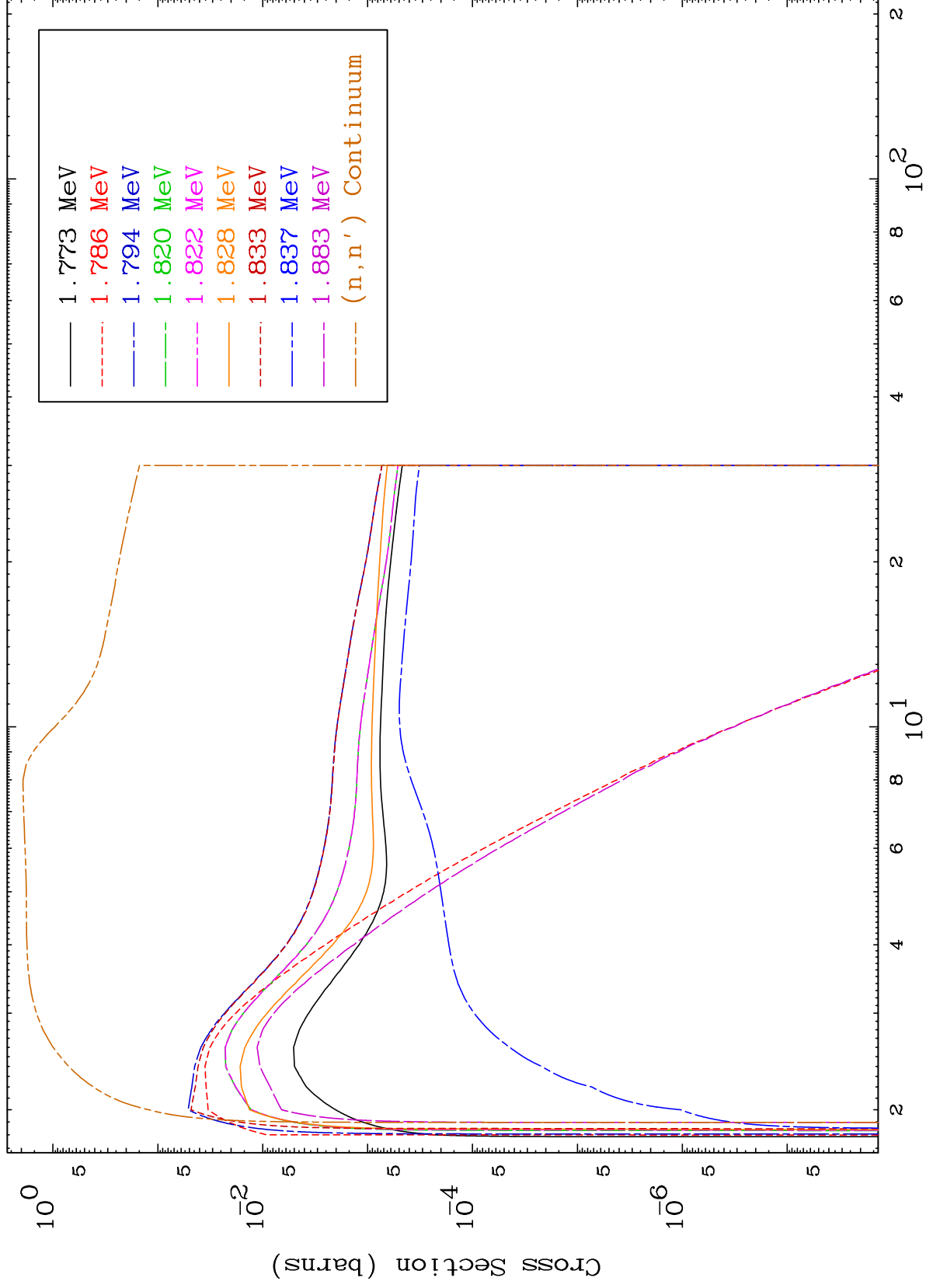
62-Sm-150

MAT 6243

(n,n') Level

62-Sm-150

293 Kelvin Cross Sections



9

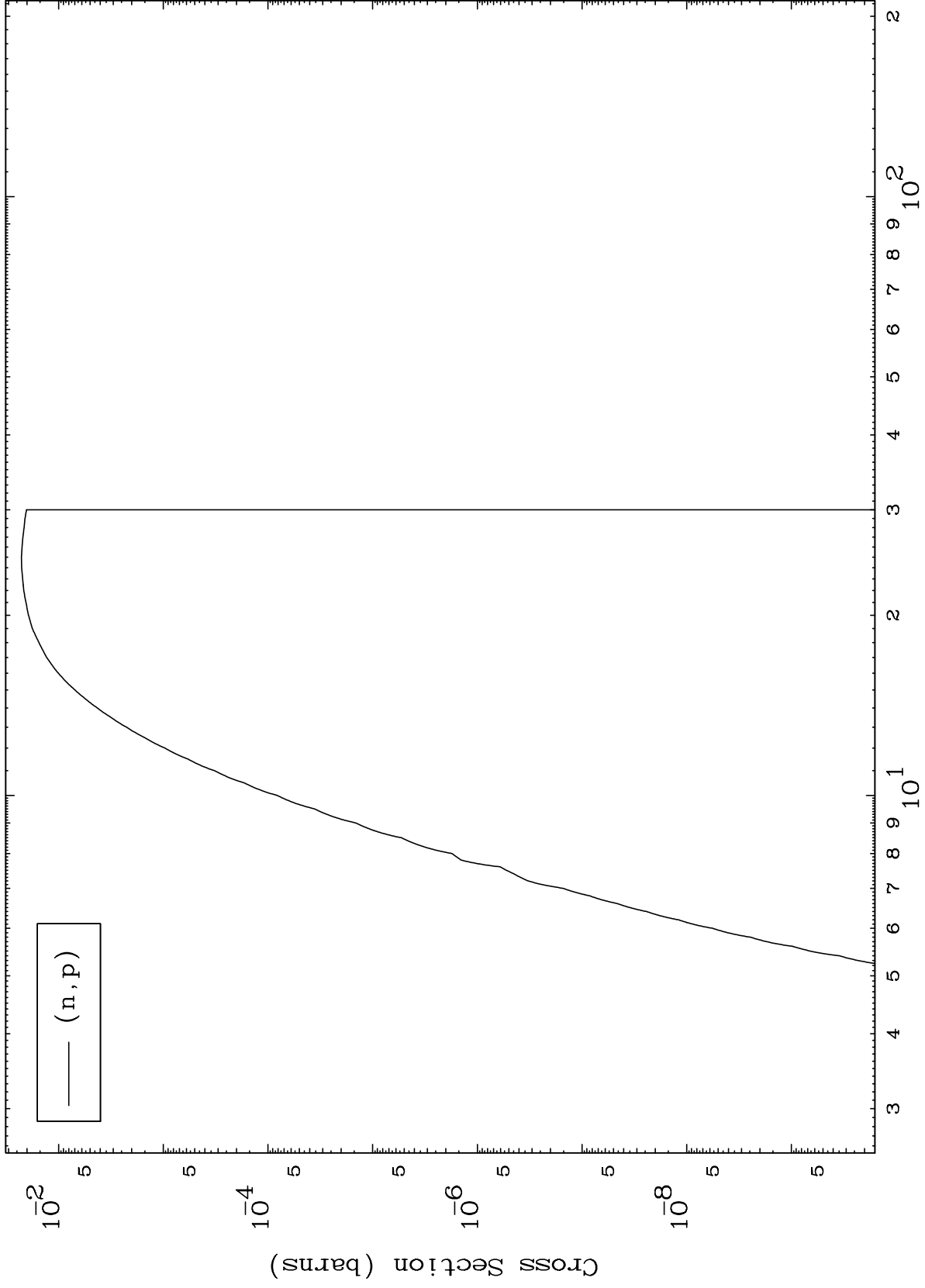
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-150



10

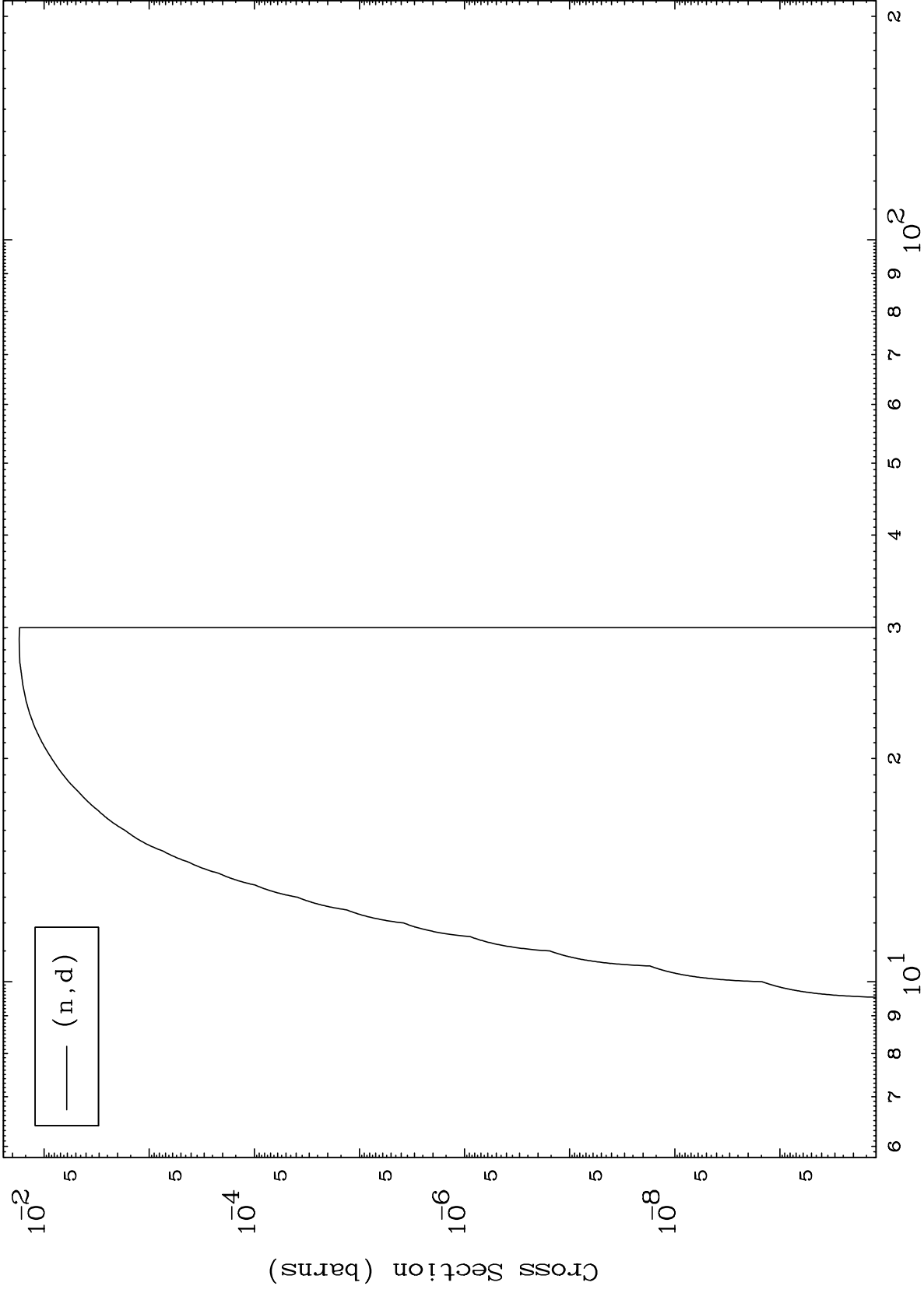
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-150



11

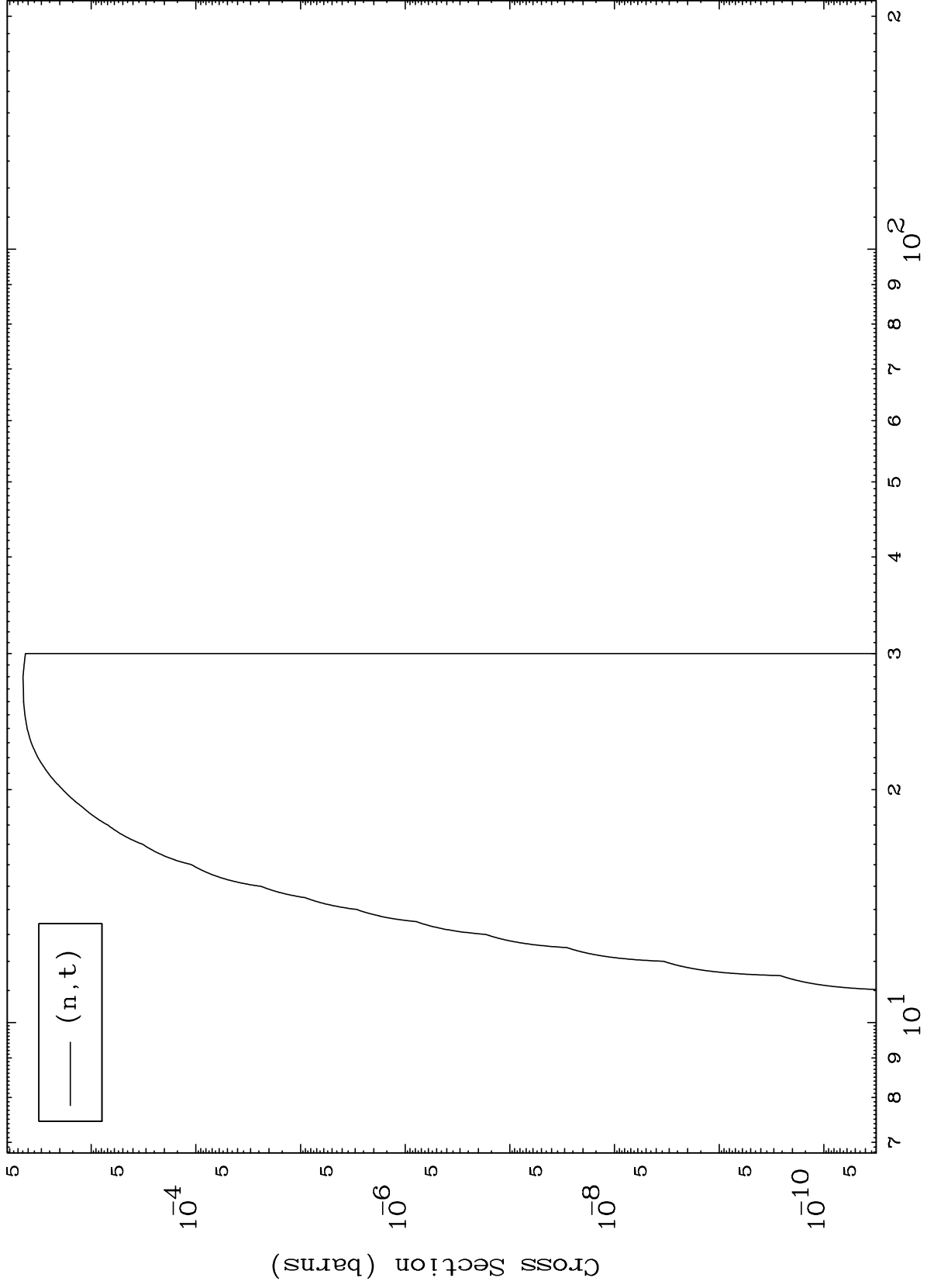
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-150



12

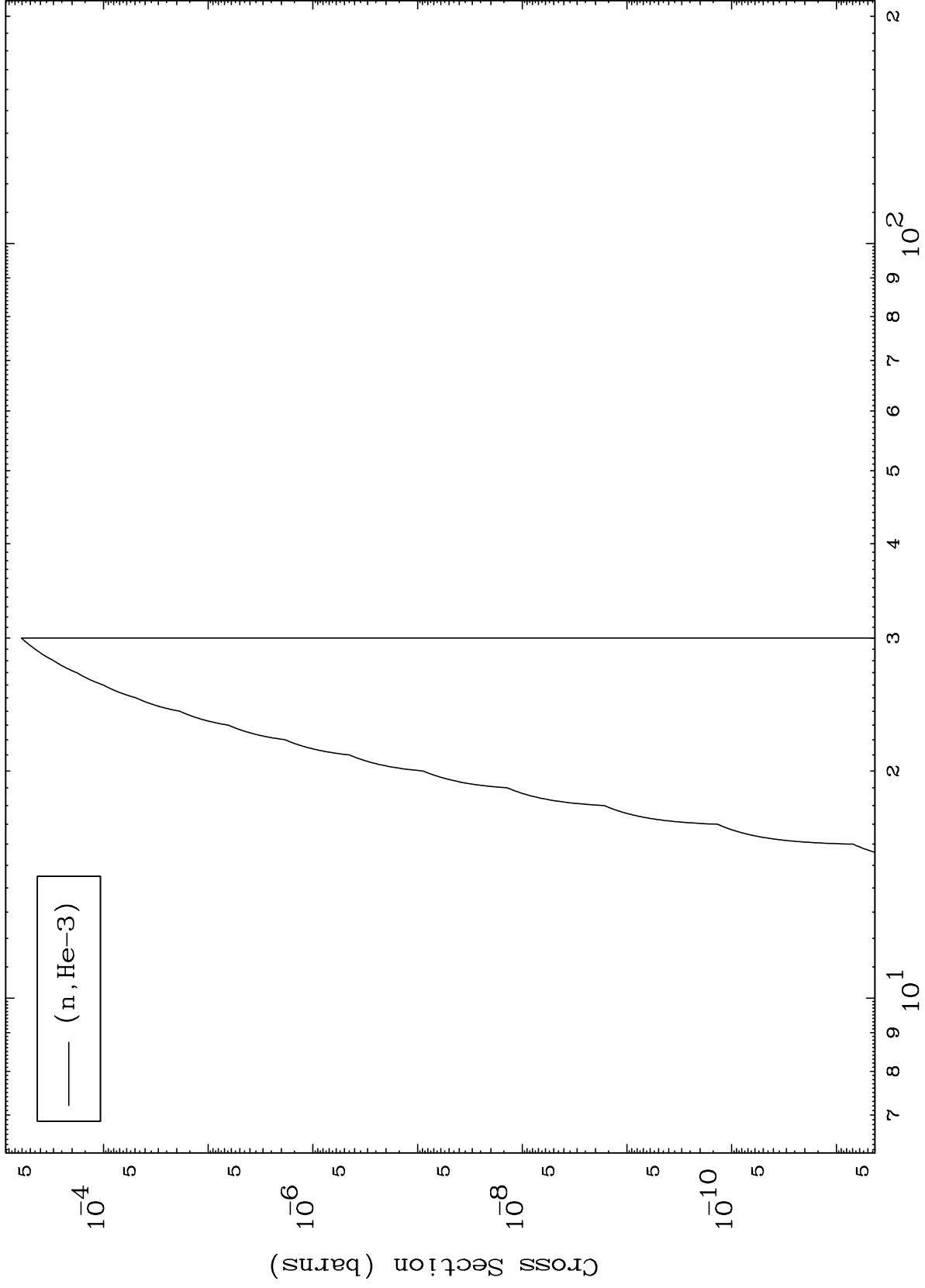
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,He3) Levels
293 Kelvin Cross Sections

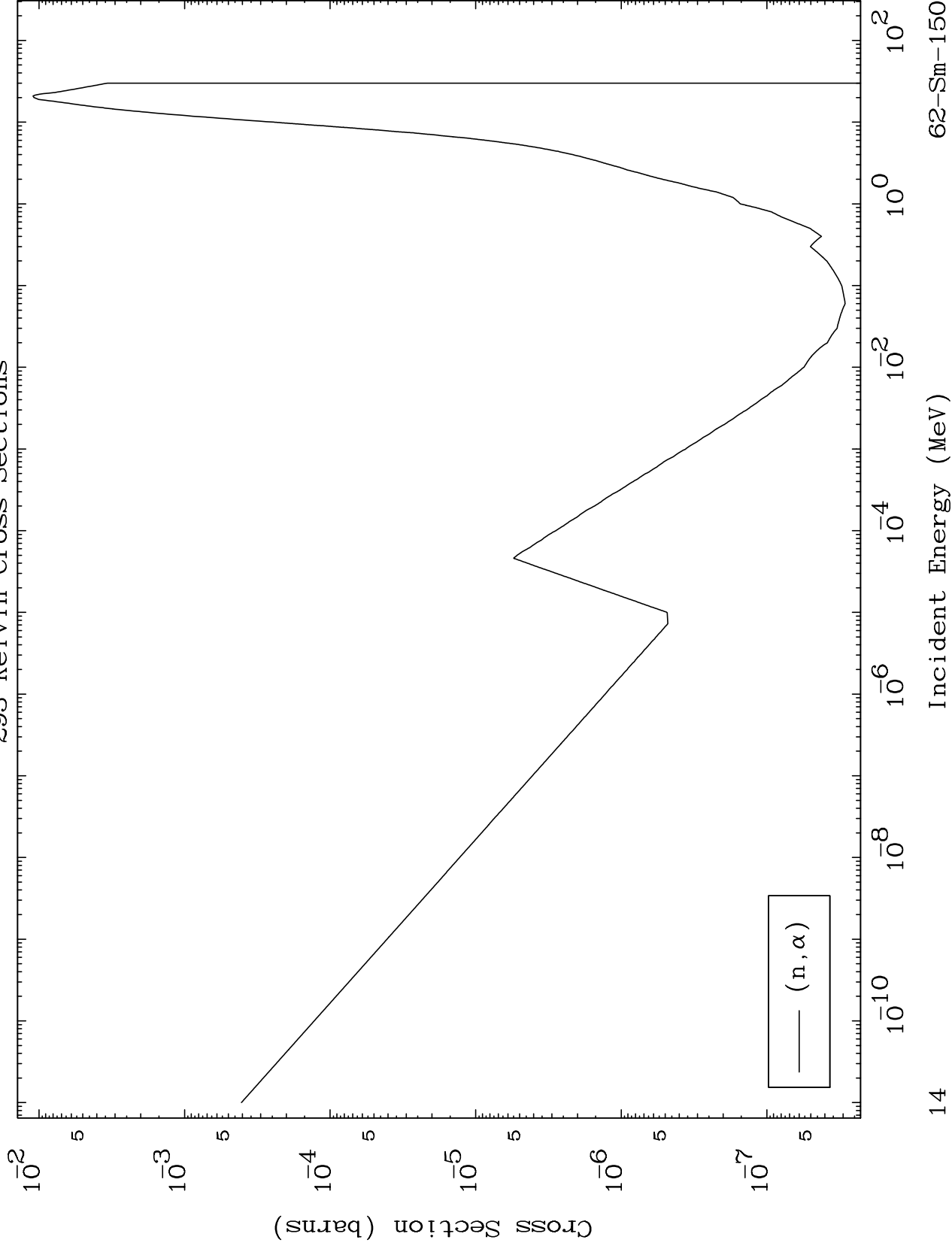
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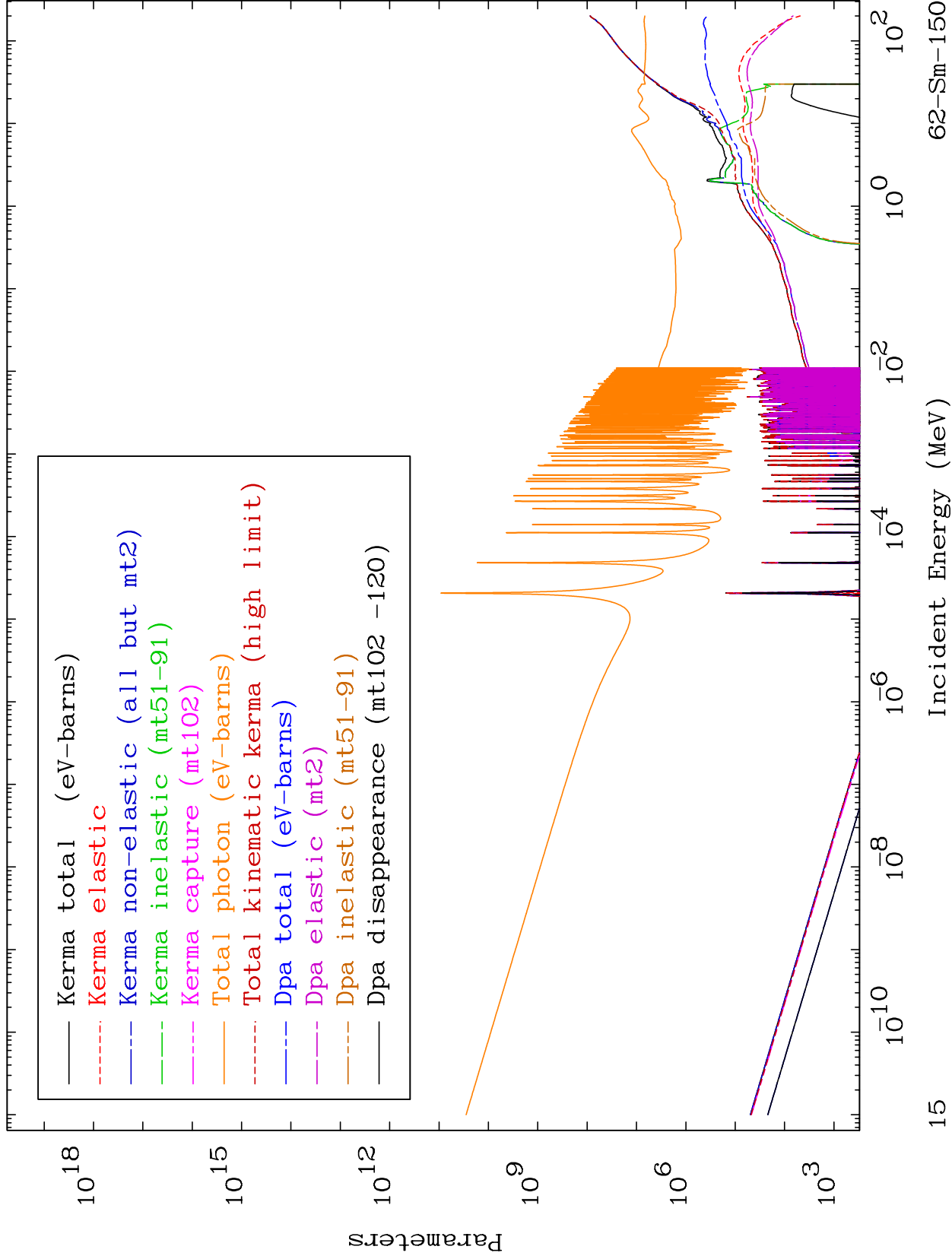


MAT 6243

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-150

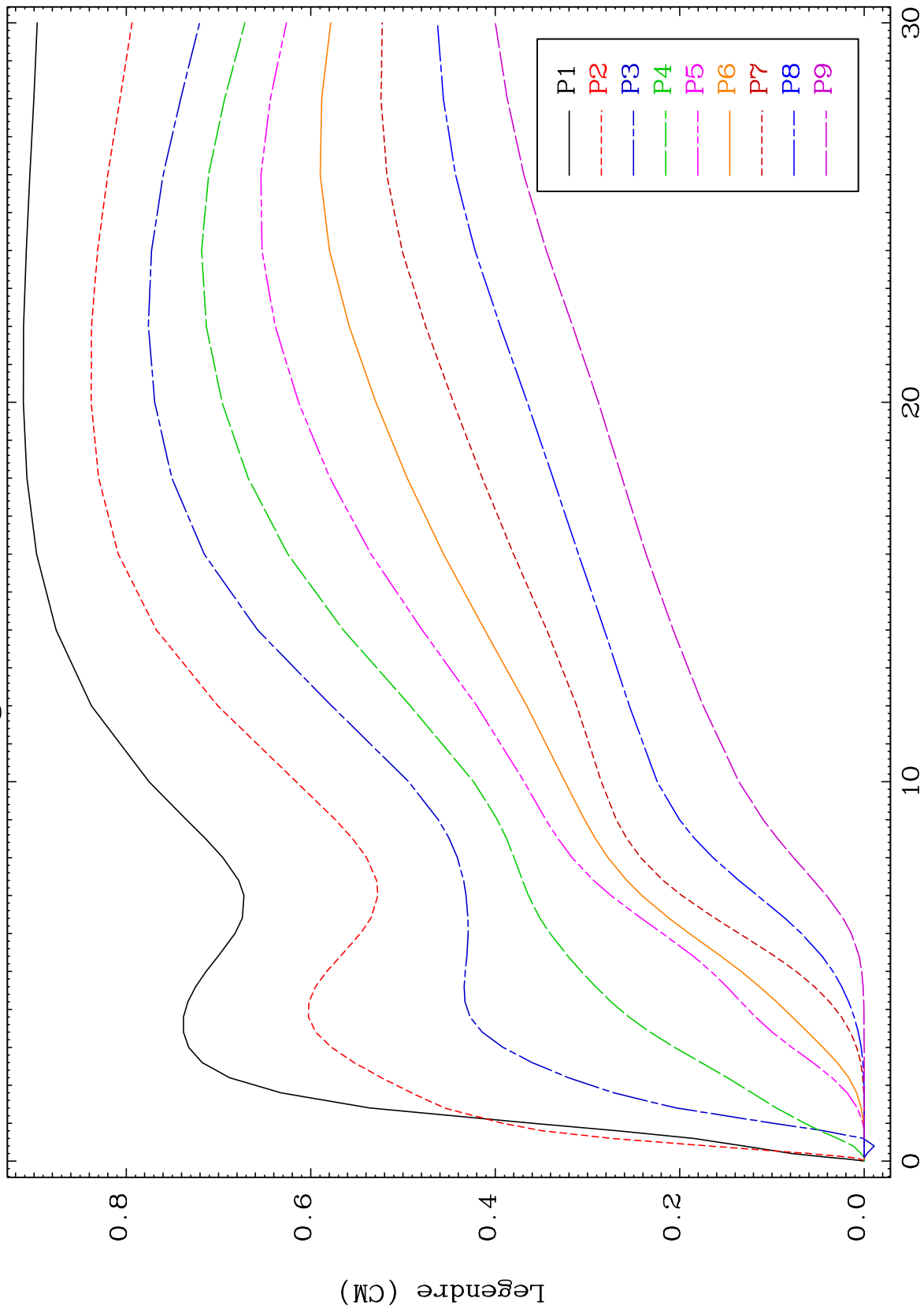




MAT 6243

Elastic Legendre Coefficients

62-Sm-150



16

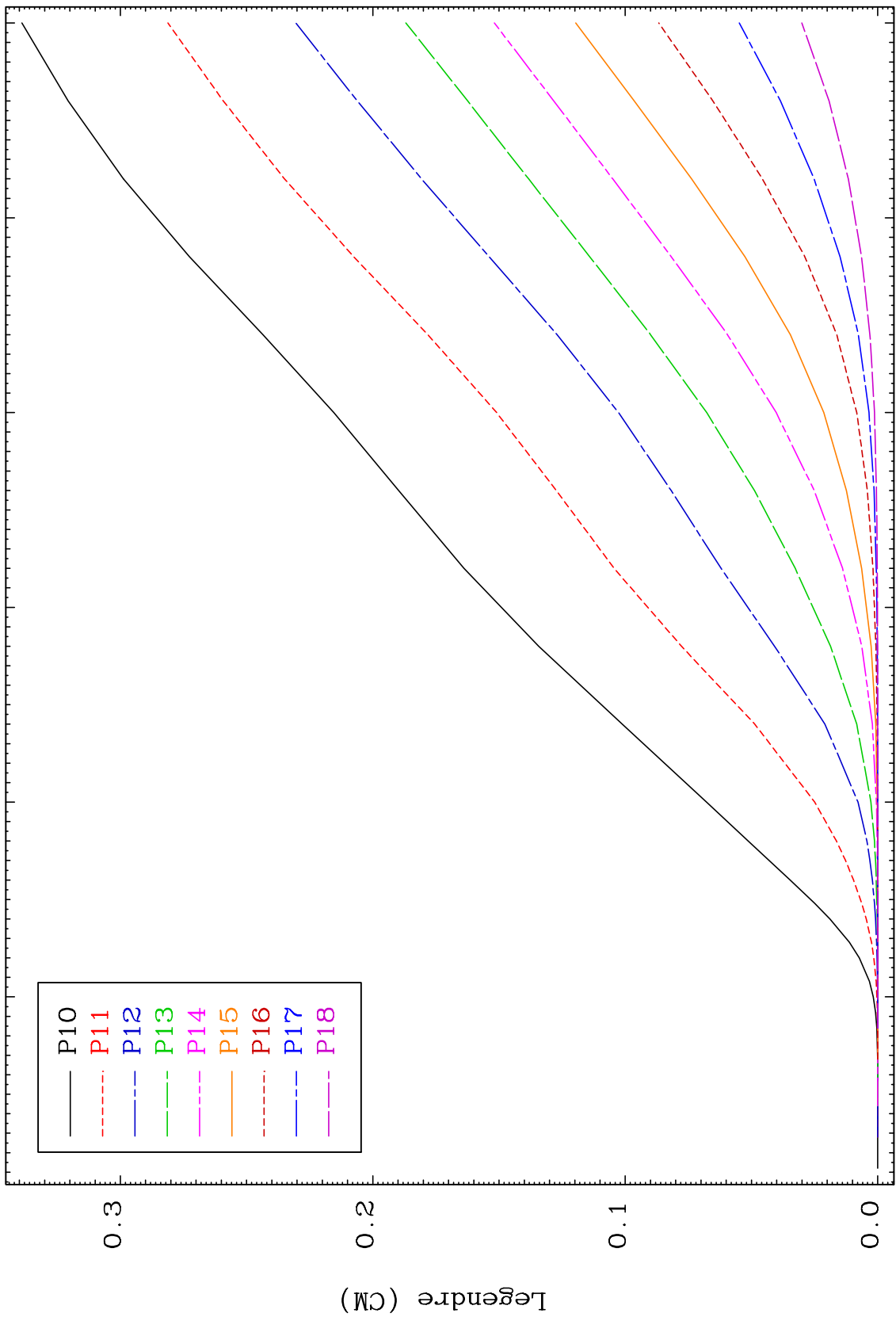
Incident Energy (MeV)

62-Sm-150

MAT 6243

Elastic Legendre Coefficients

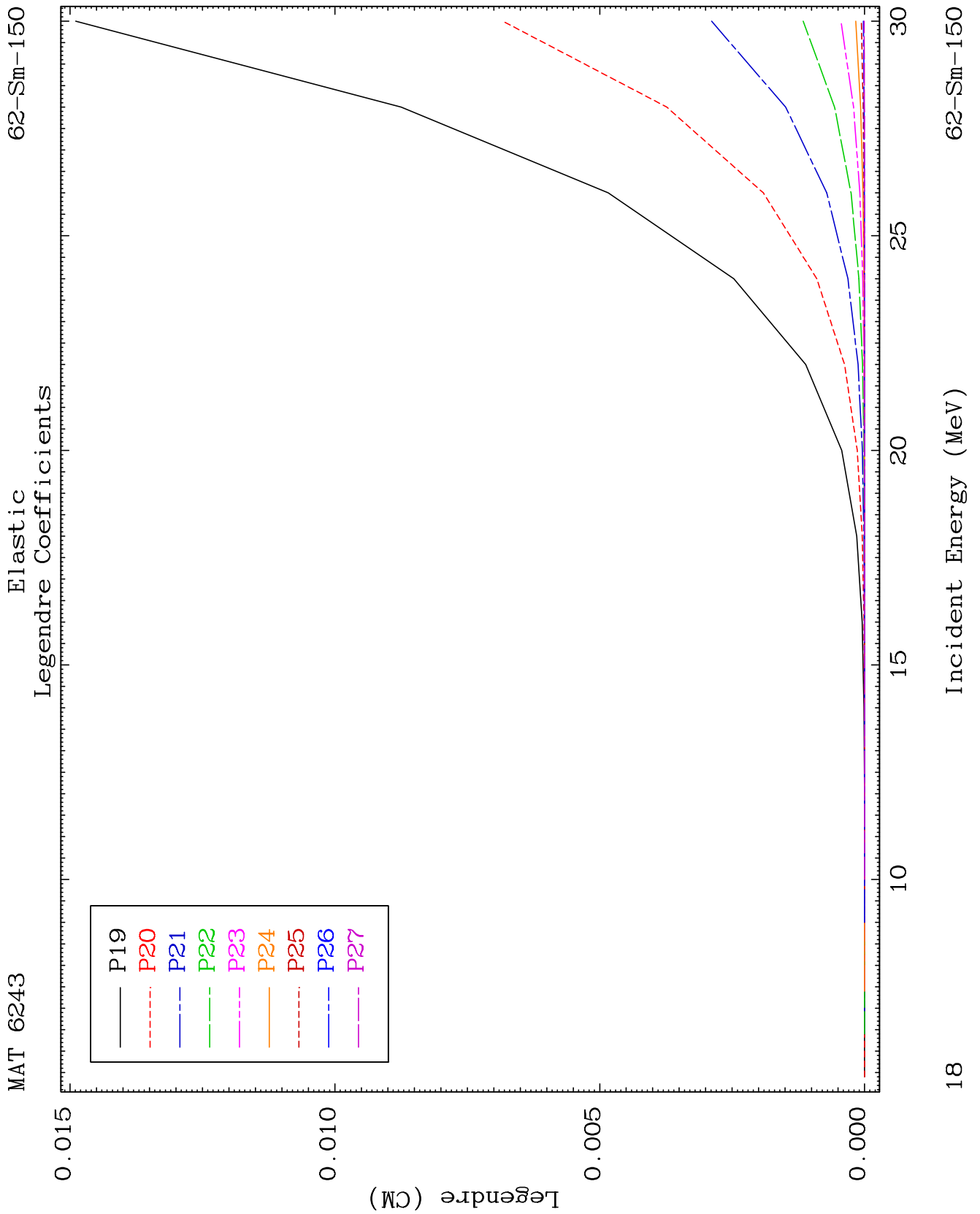
62-Sm-150



17

Incident Energy (MeV)

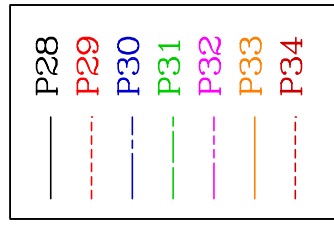
62-Sm-150



MAT 6243

Elastic
Legendre Coefficients

62-Sm-150



$\times 10^{-6}$

Legendre (CM)

1.5

1.0

0.5

0.0

15

20

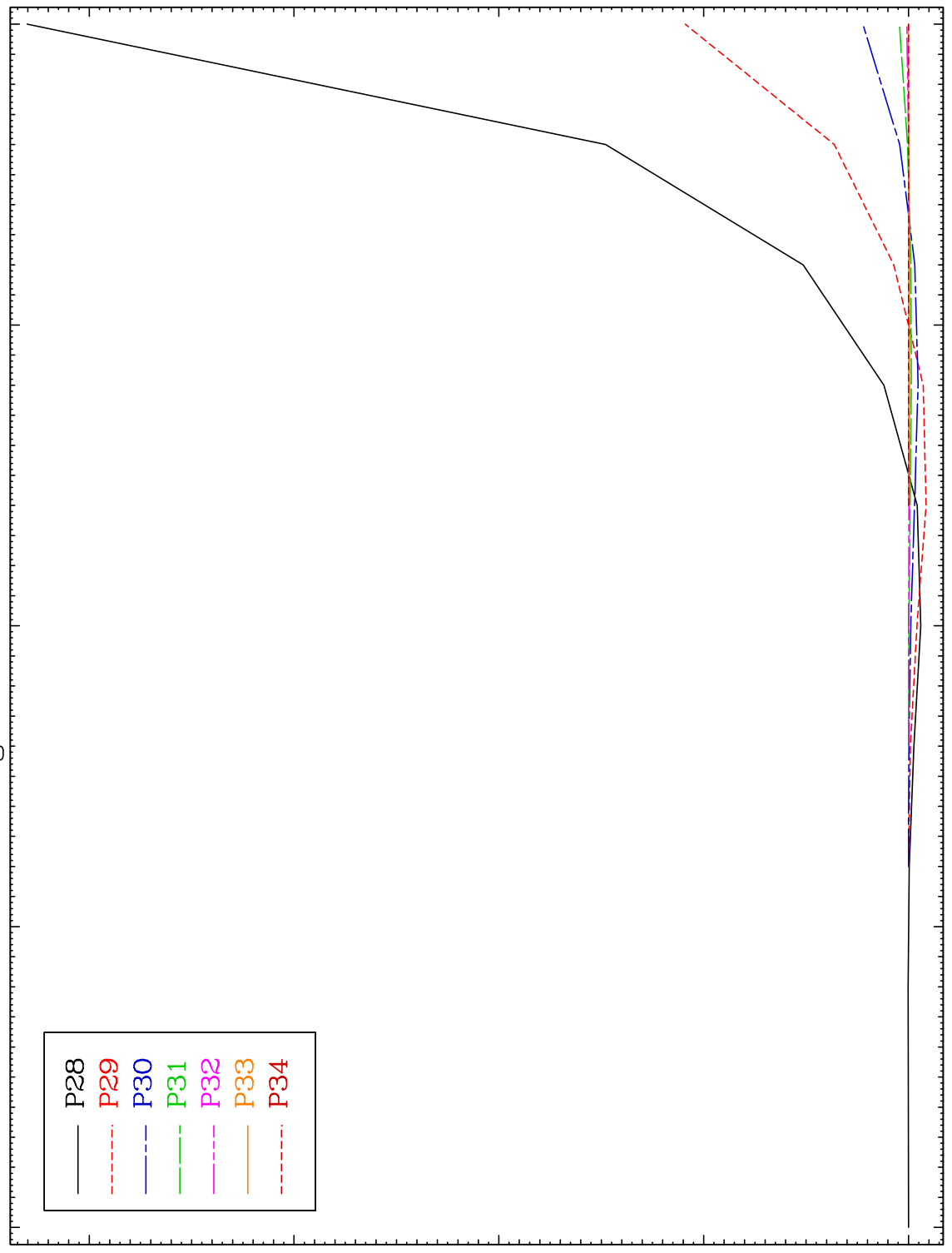
25

30

19

Incident Energy (MeV)

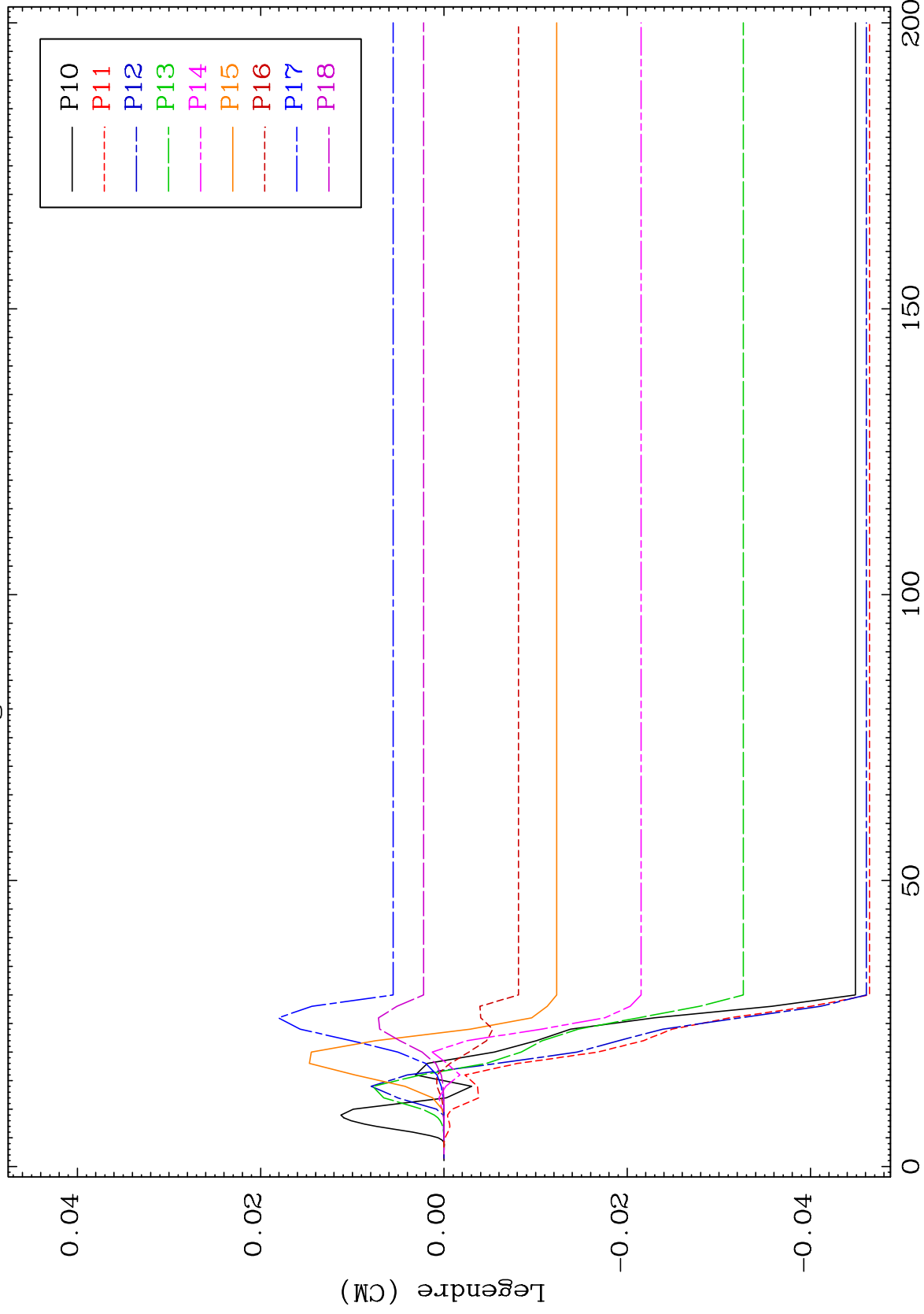
62-Sm-150



MAT 6243

334.0 keV (n,n') Level
Legendre Coefficients

62-Sm-150



21

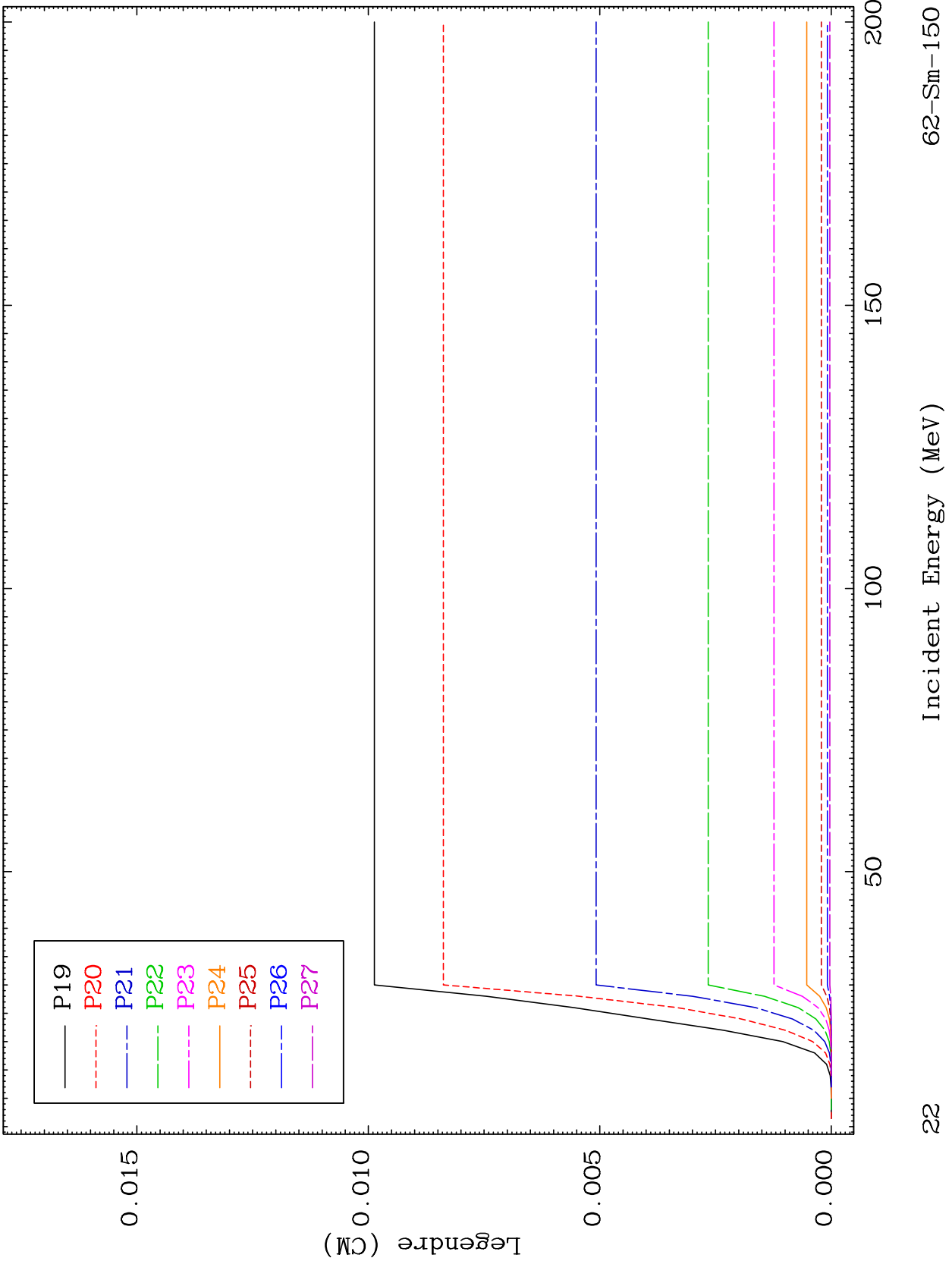
Incident Energy (MeV)

62-Sm-150

MAT 6243

334.0 keV (n,n') Level
Legendre Coefficients

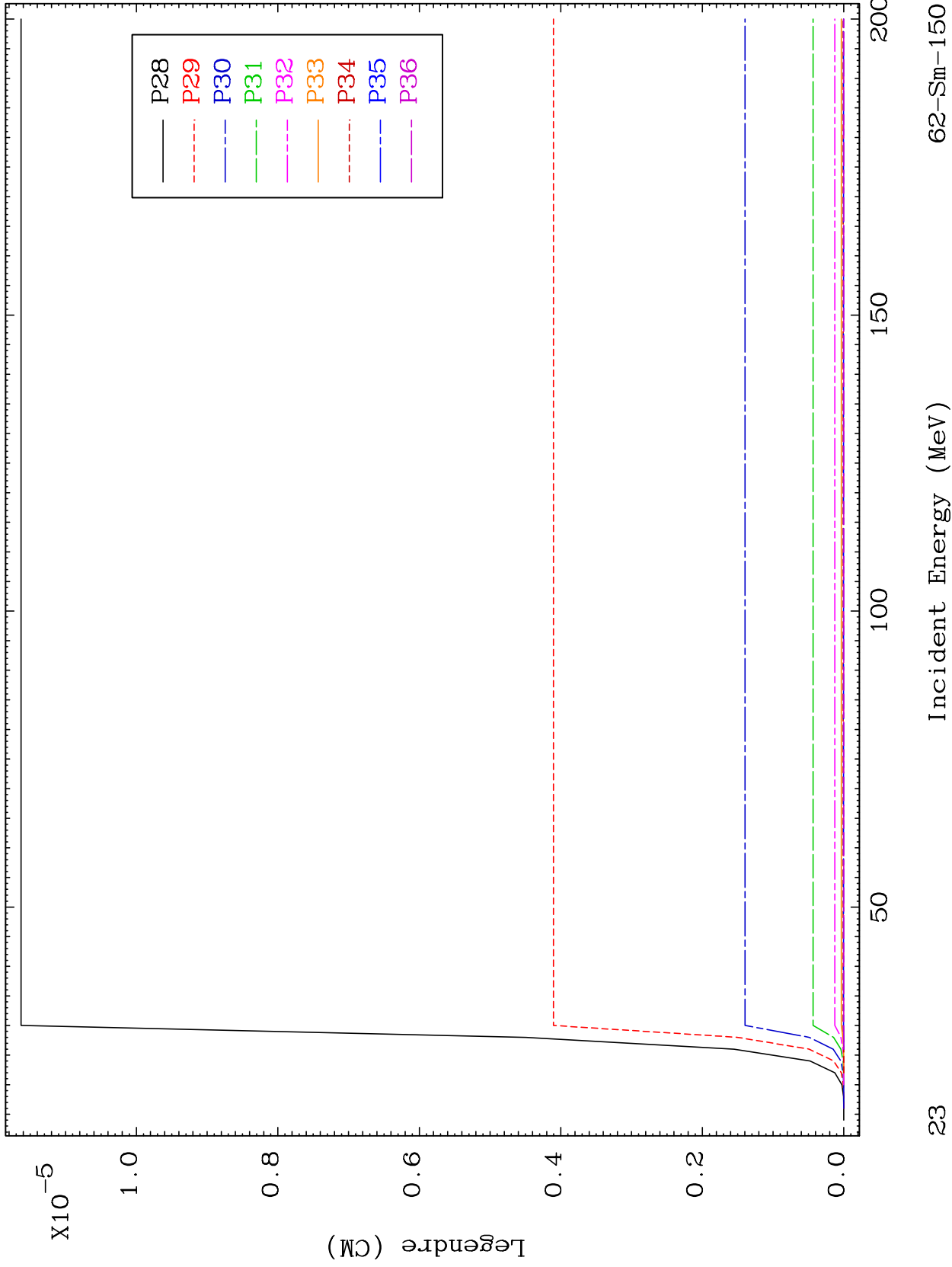
62-Sm-150



MAT 6243

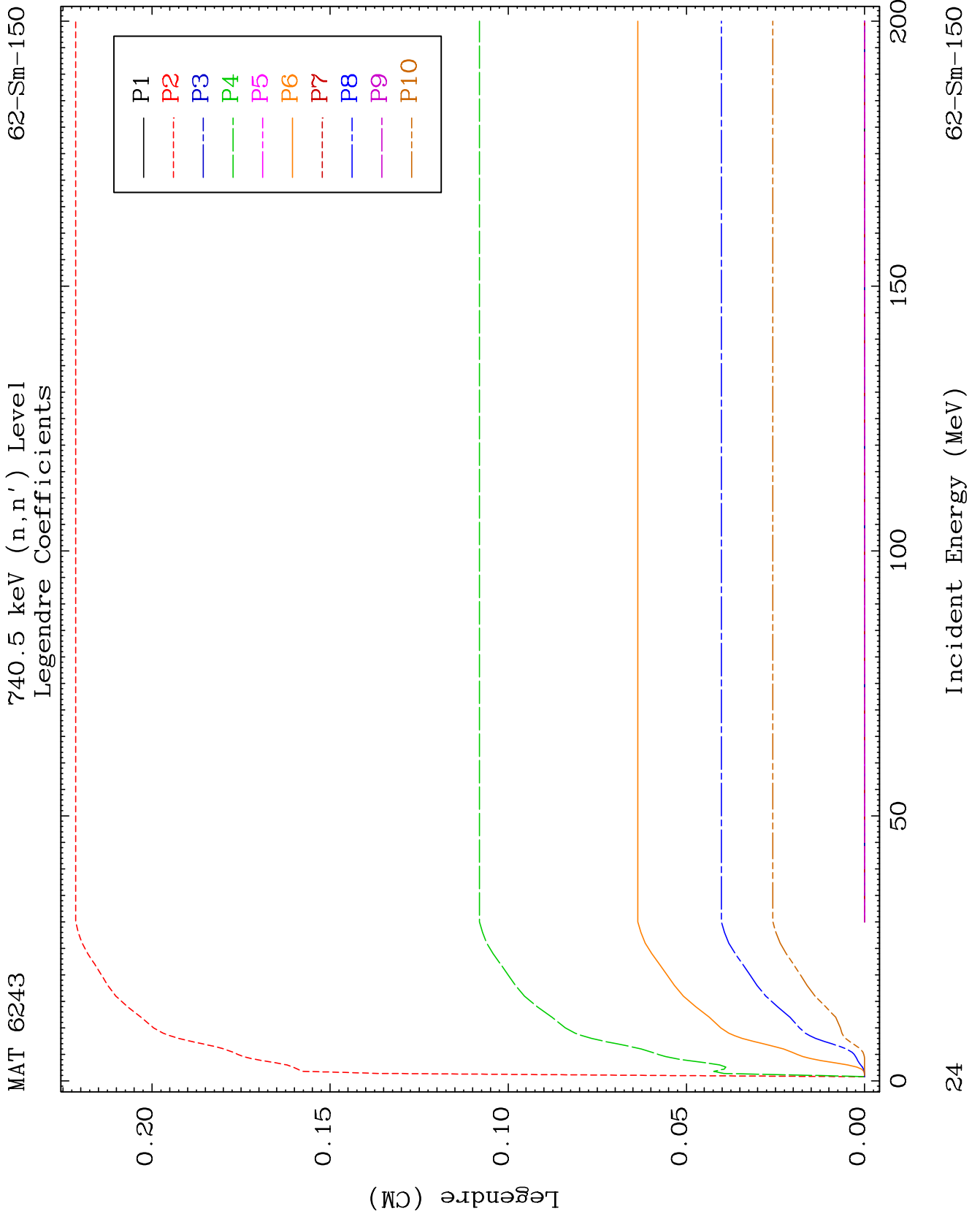
334.0 keV (n,n') Level
Legendre Coefficients

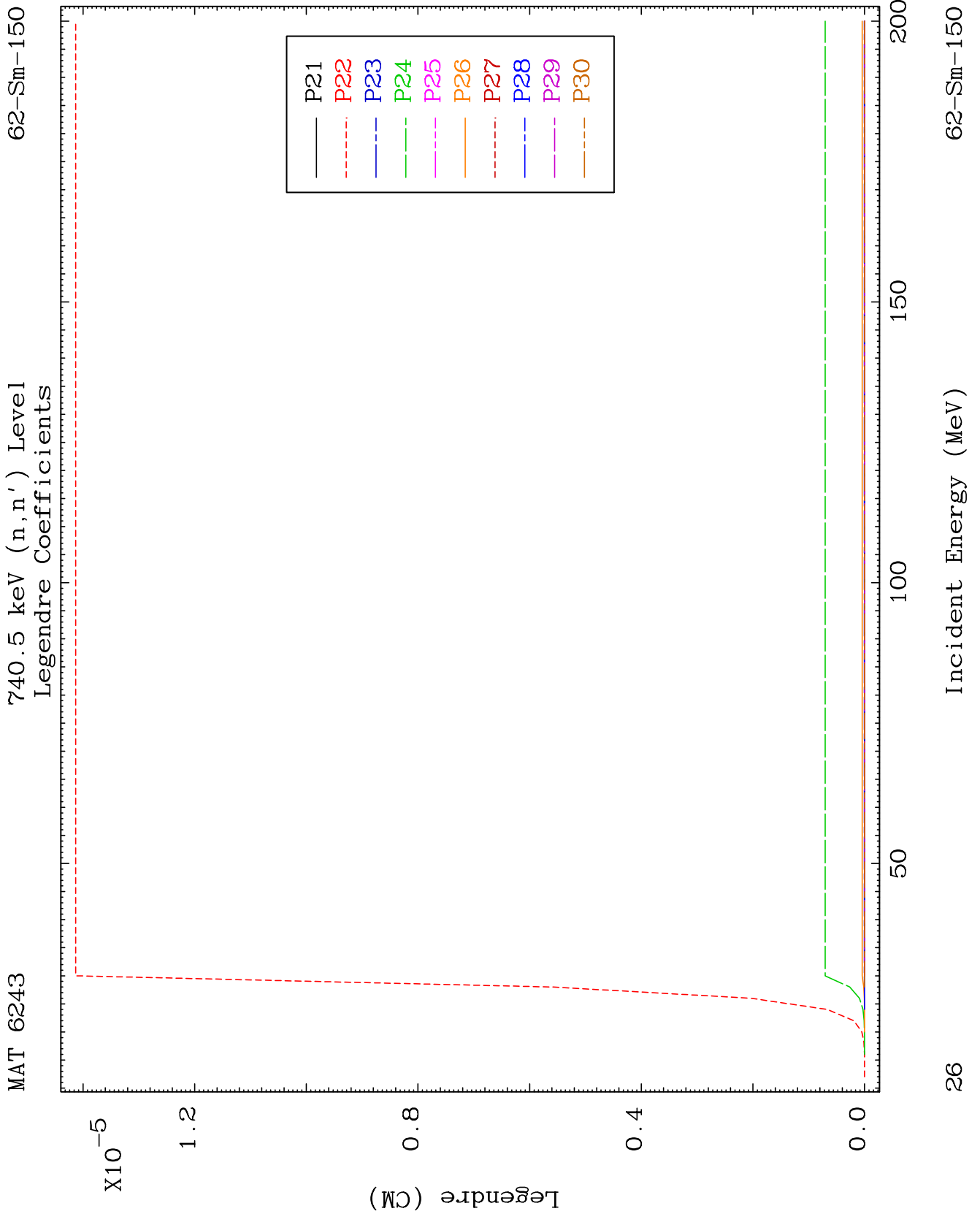
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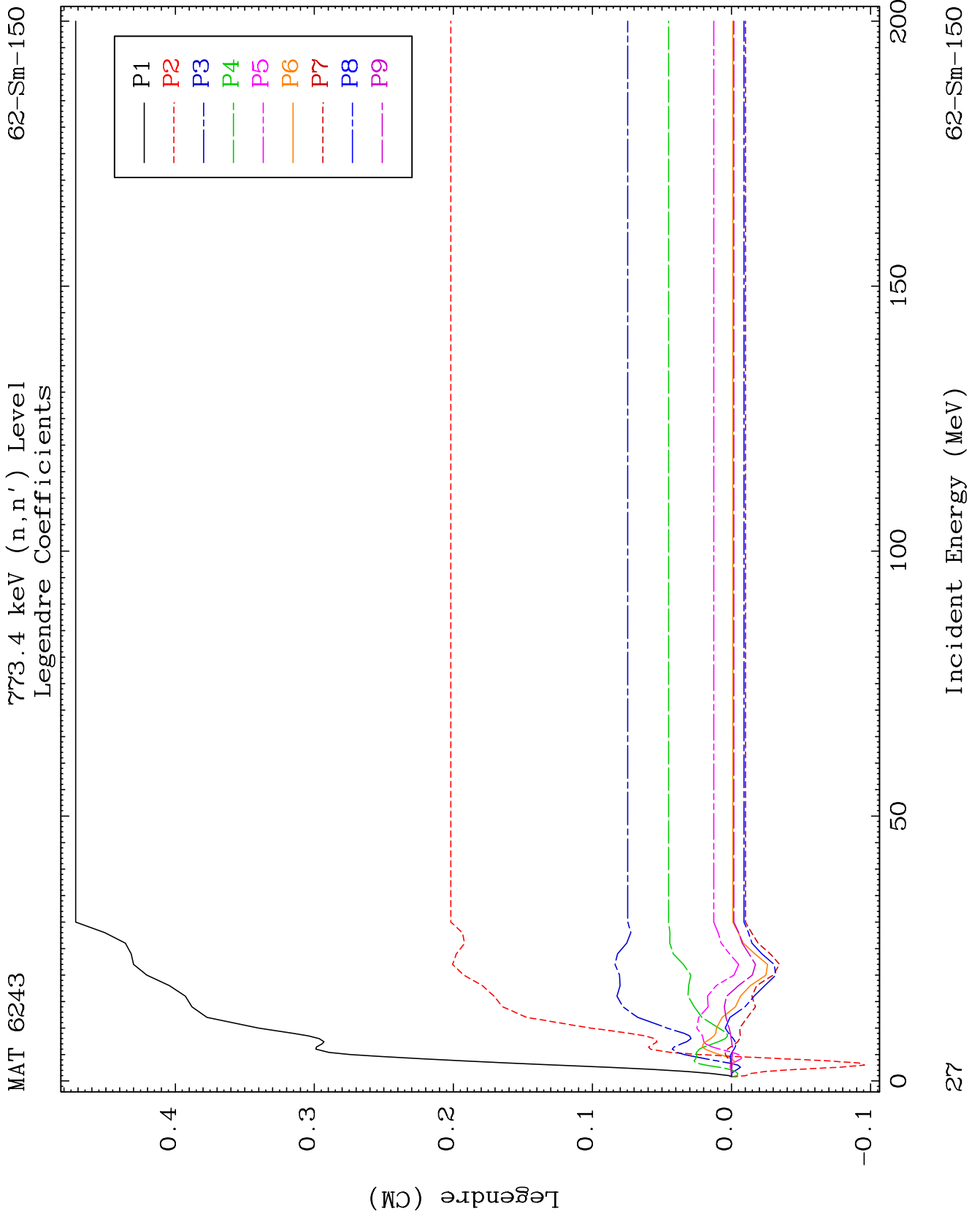


23

62-Sm-150



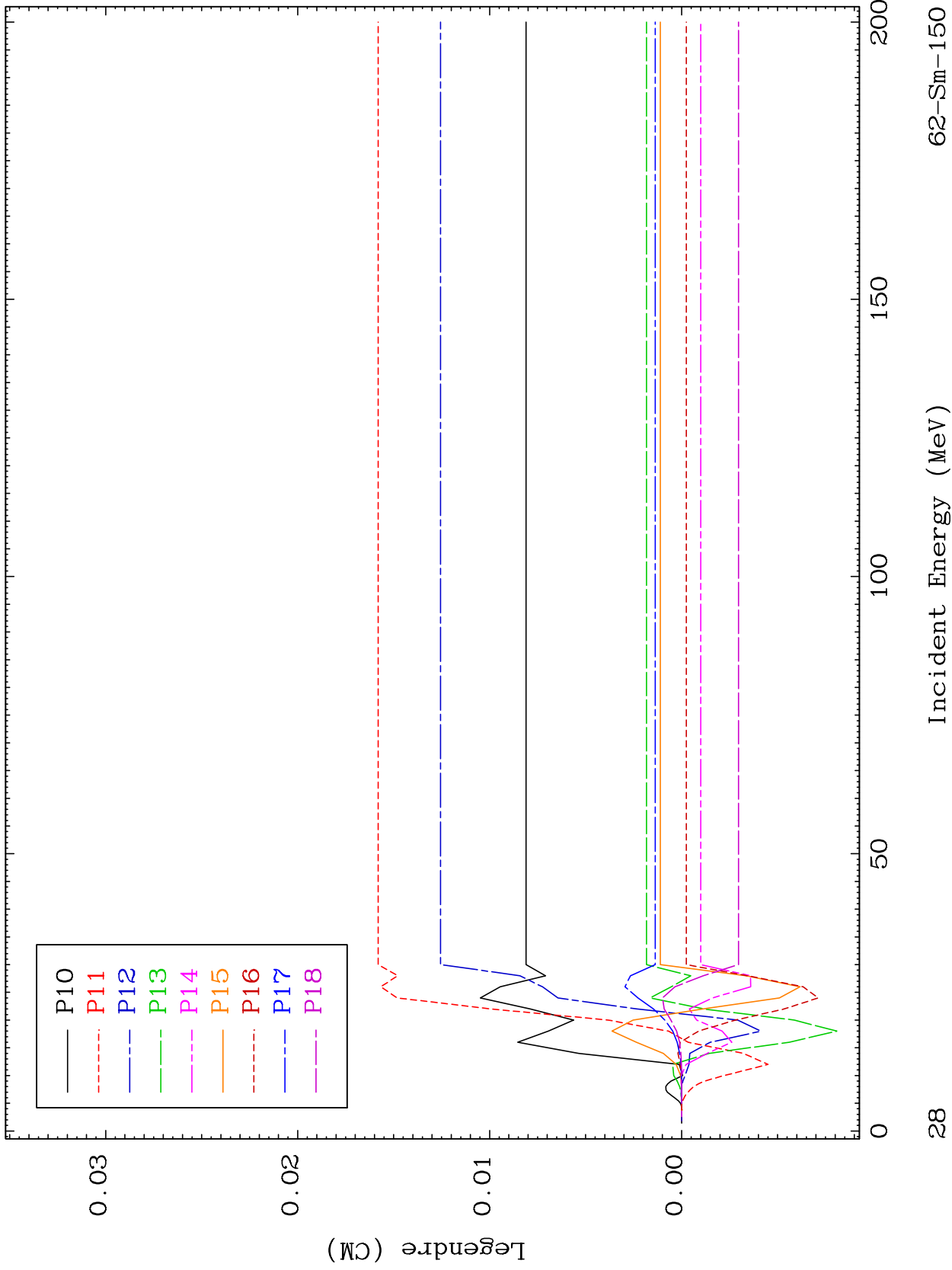




MAT 6243

773.4 keV (n, n') Level
Legendre Coefficients

62-Sm-150



28

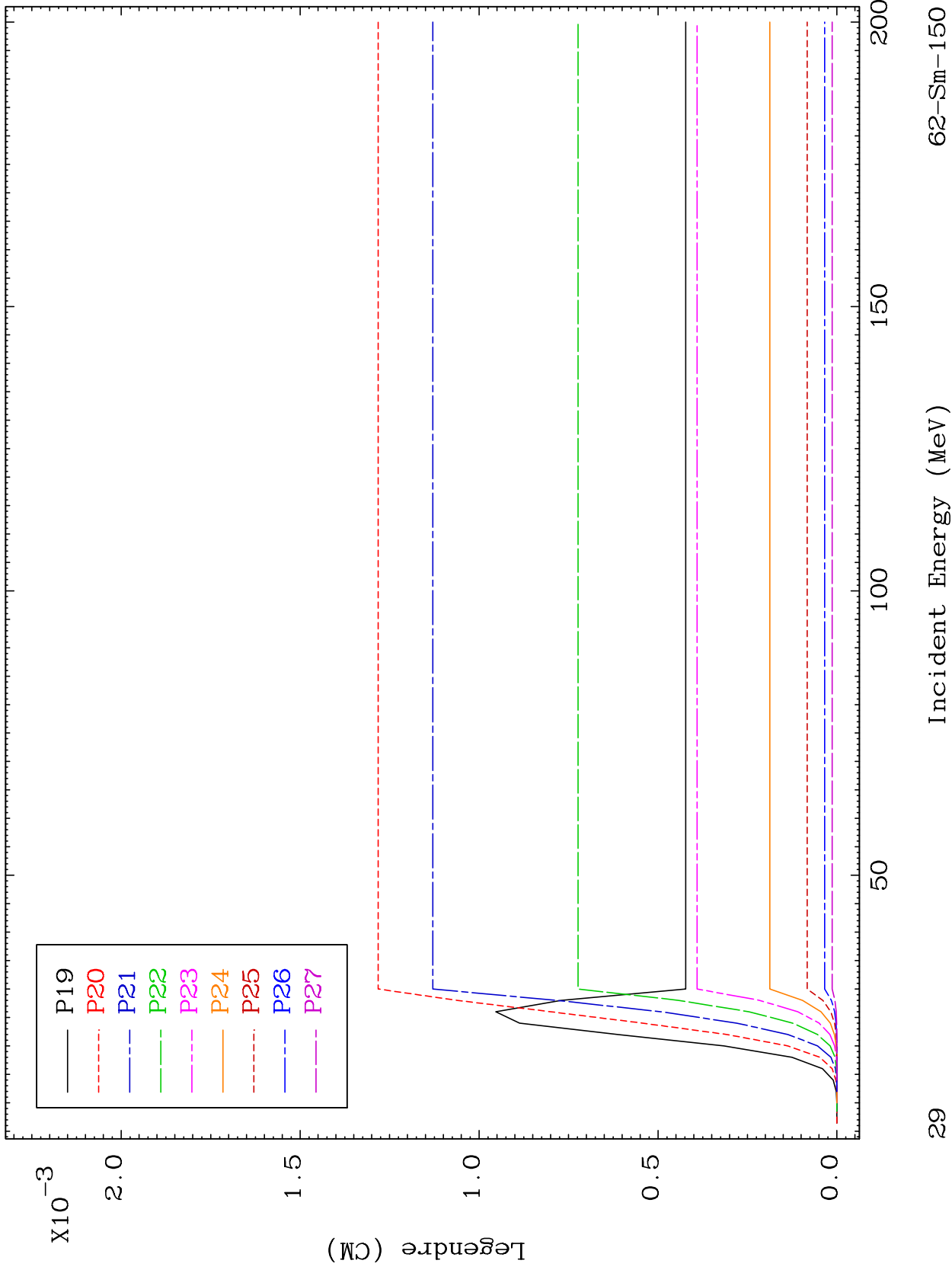
Incident Energy (MeV)

62-Sm-150

MAT 6243

773.4 keV (n,n') Level
Legendre Coefficients

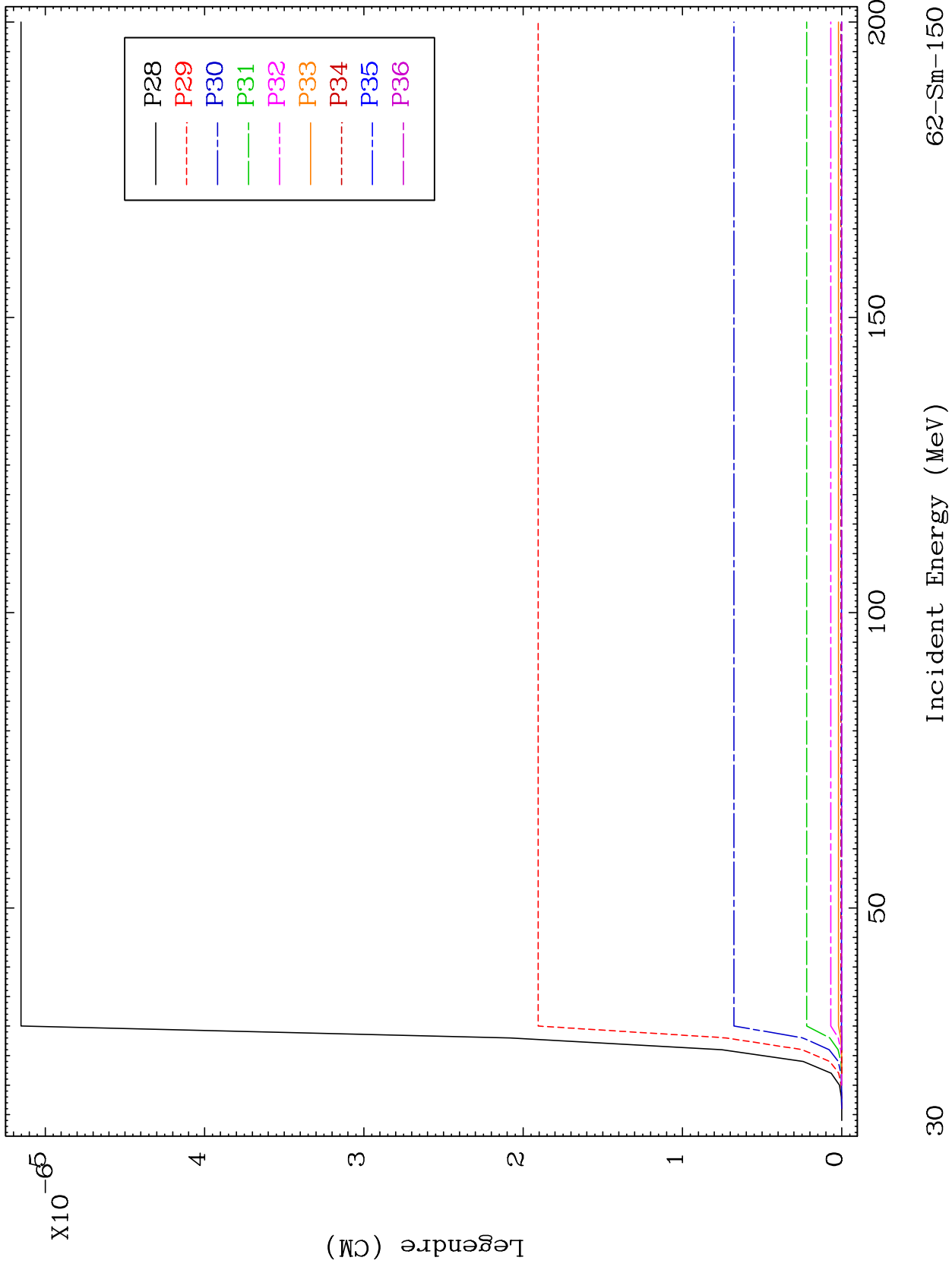
62-Sm-150

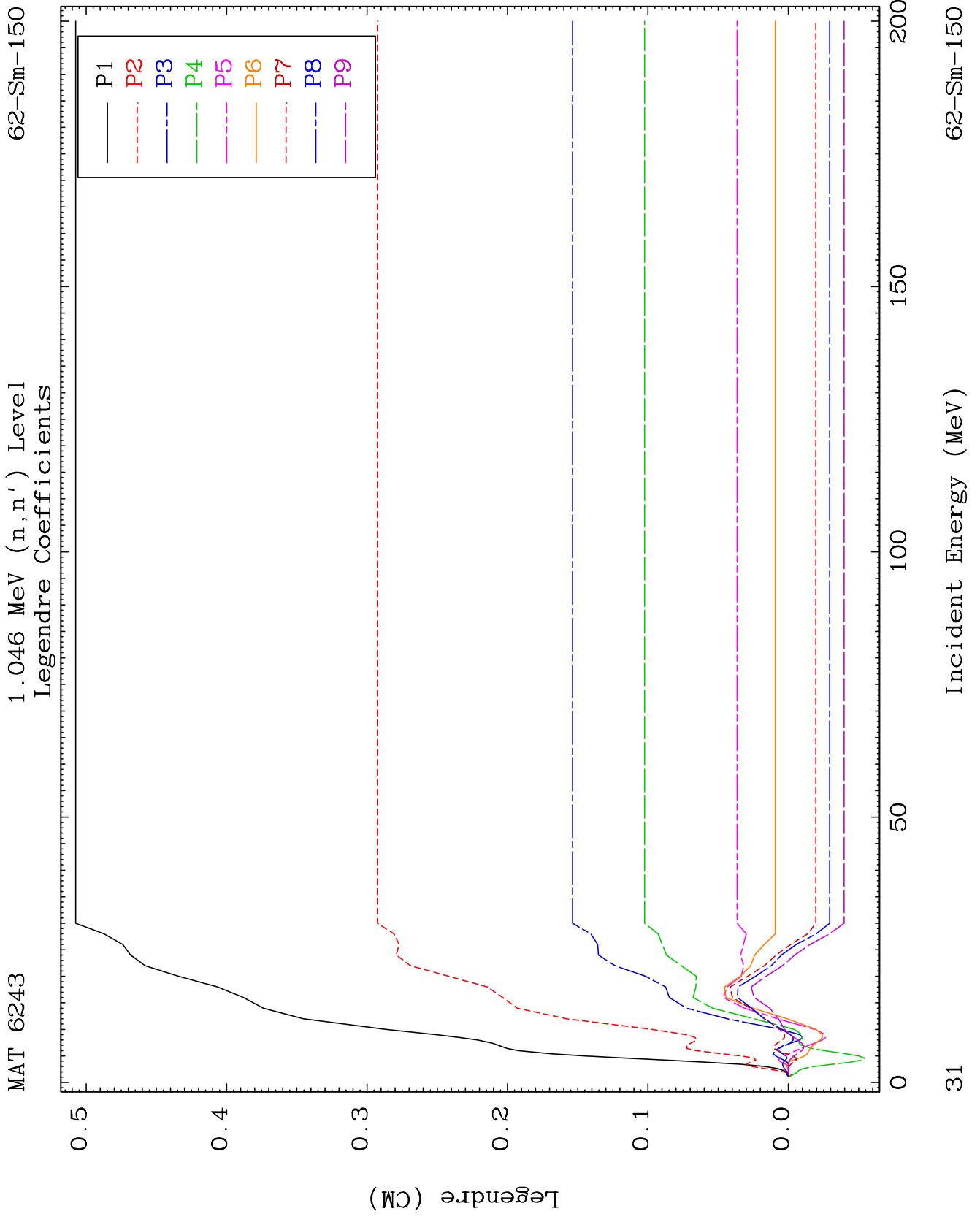


MAT 6243

773.4 keV (n,n') Level
Legendre Coefficients

62-Sm-150

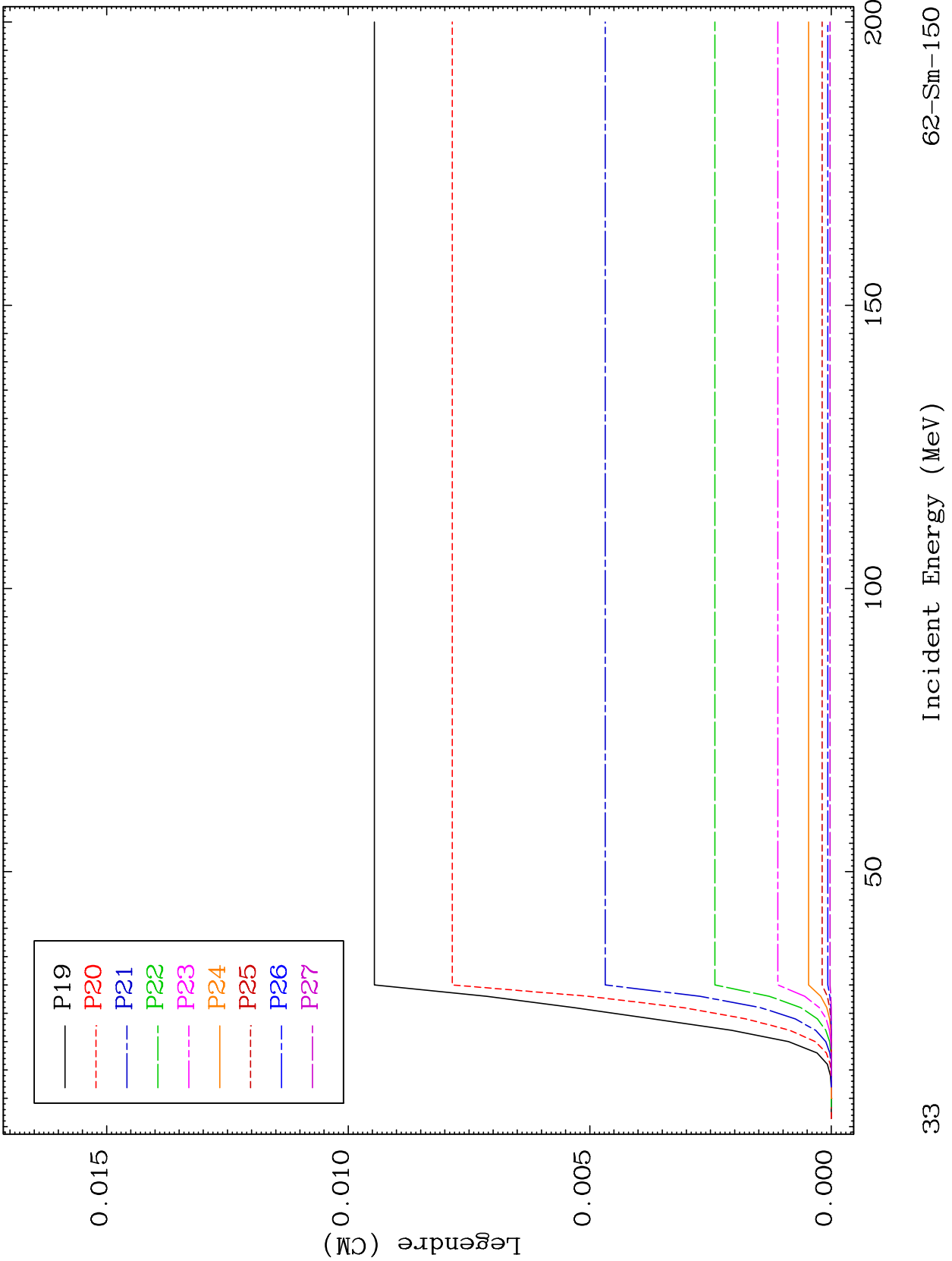


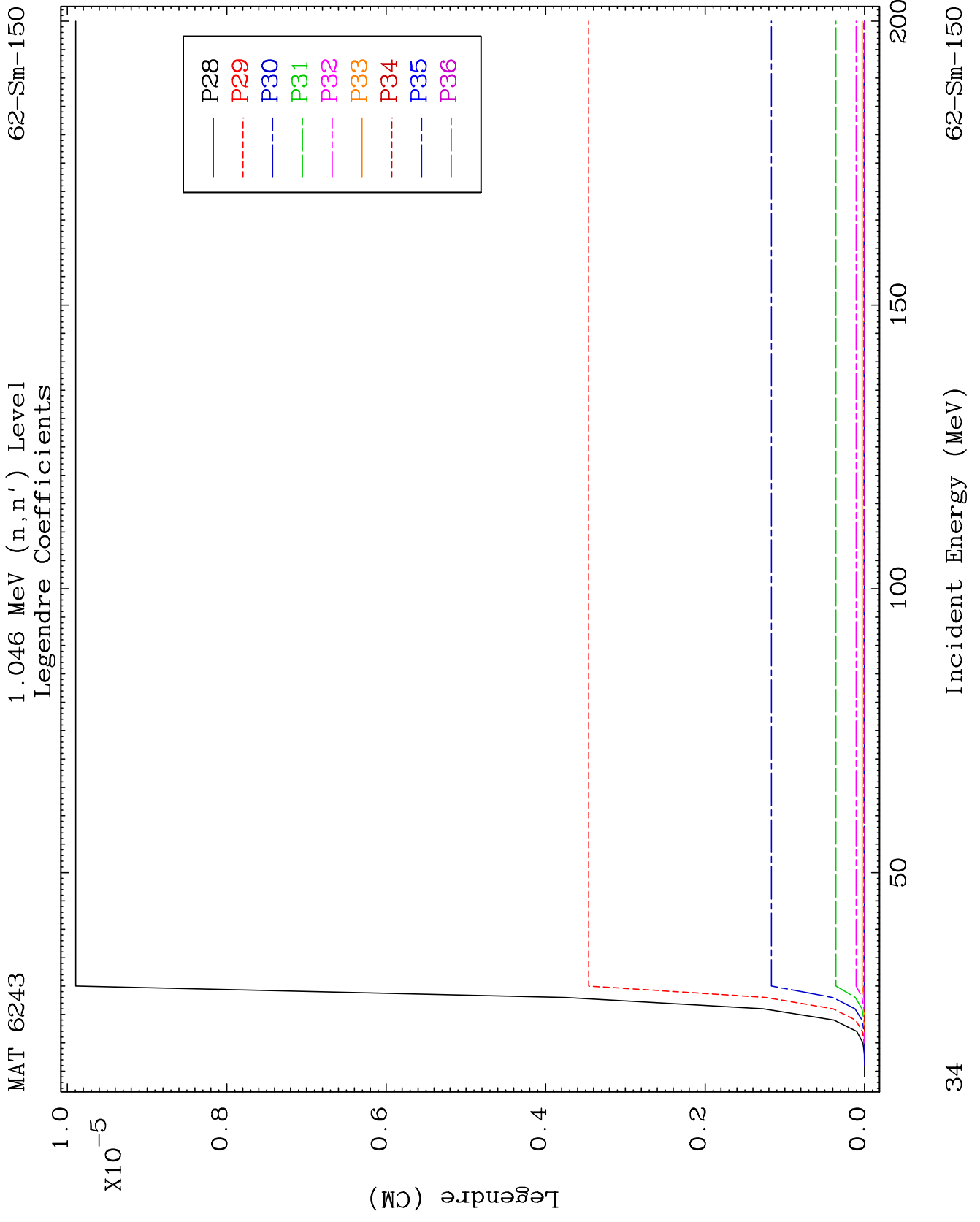


MAT 6243

1.046 MeV (n, n') Level Legendre Coefficients

62-Sm-150

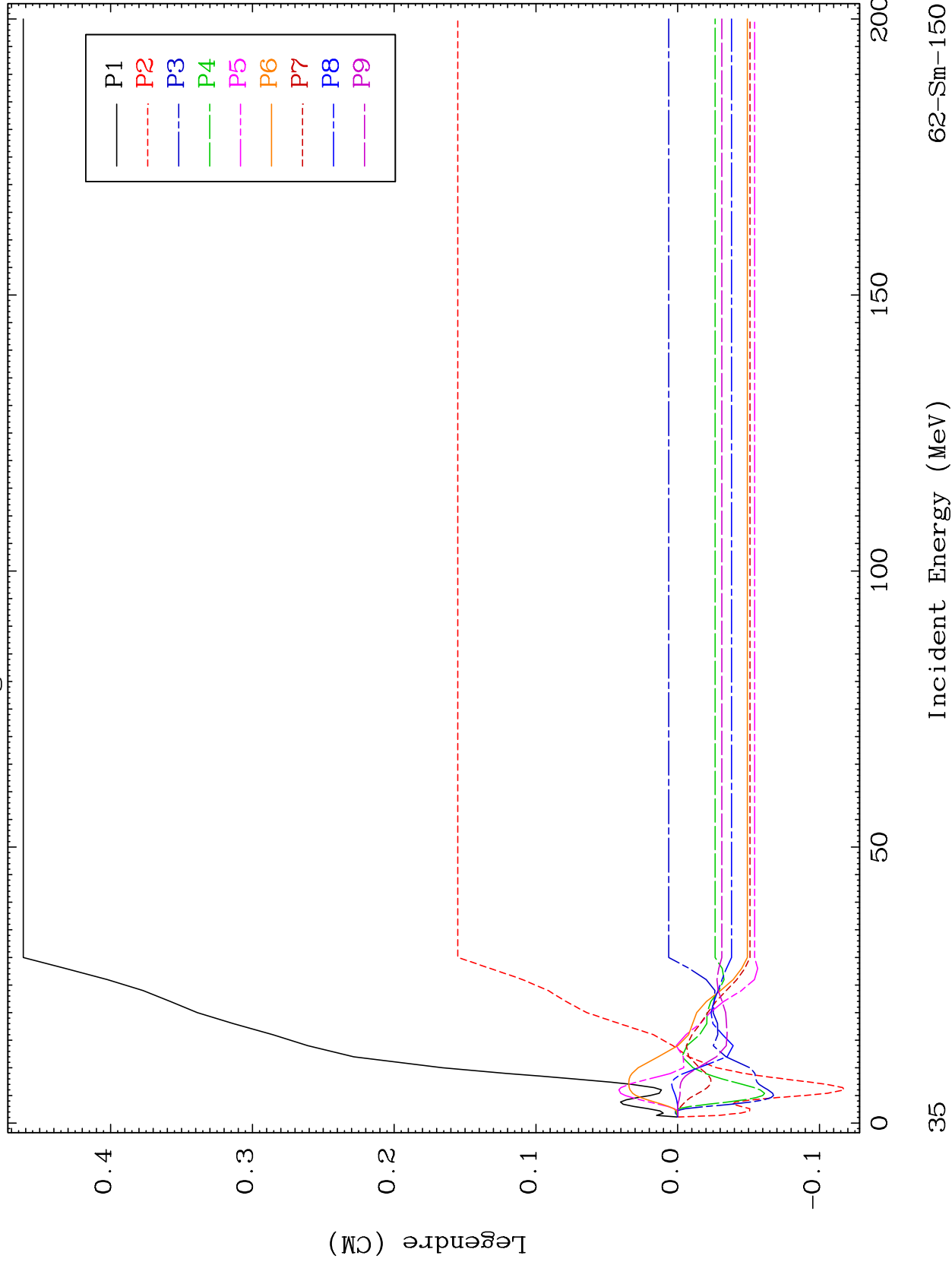




MAT 6243

1.071 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



62-Sm-150

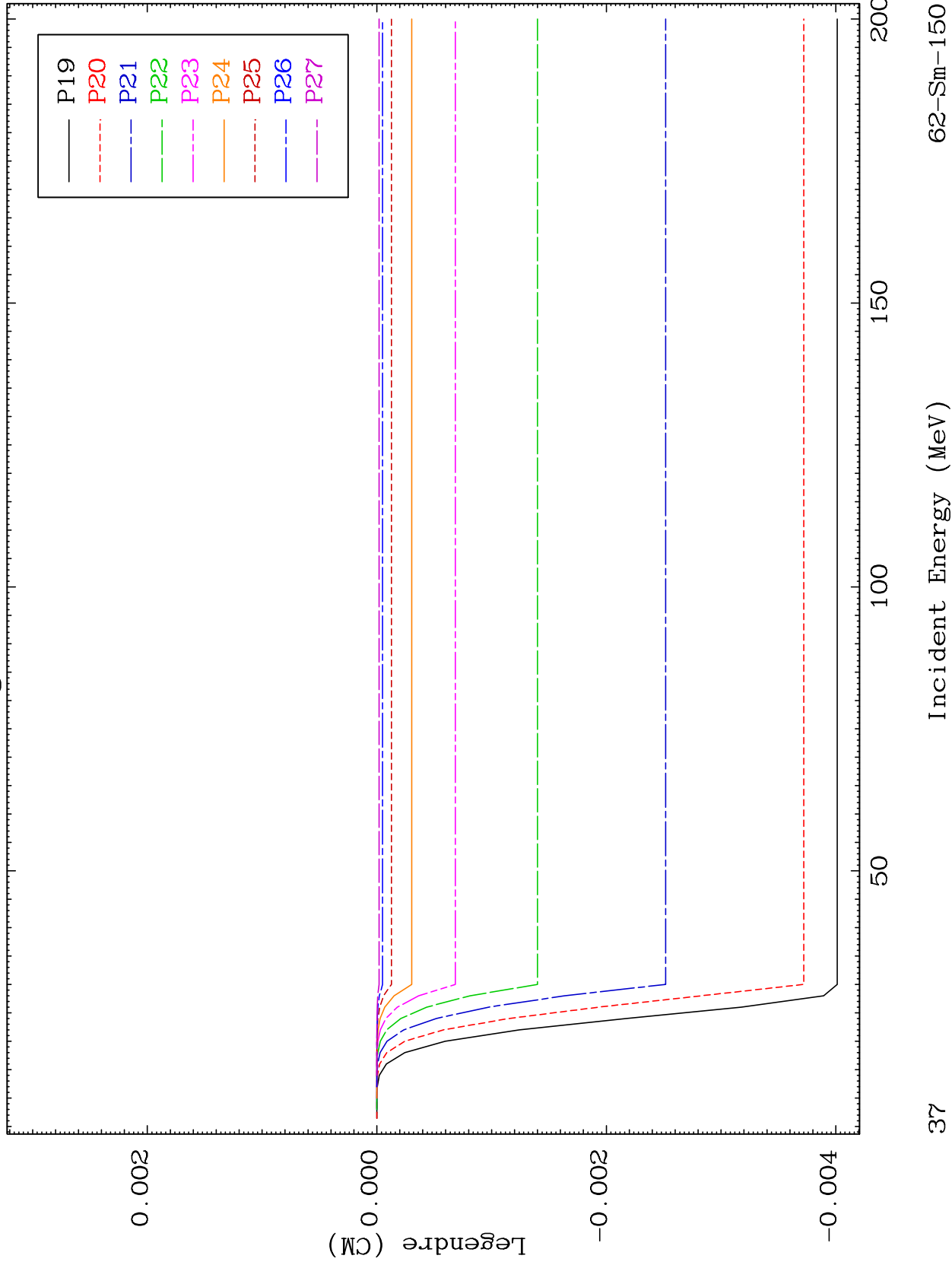
Incident Energy (MeV)

35

MAT 6243

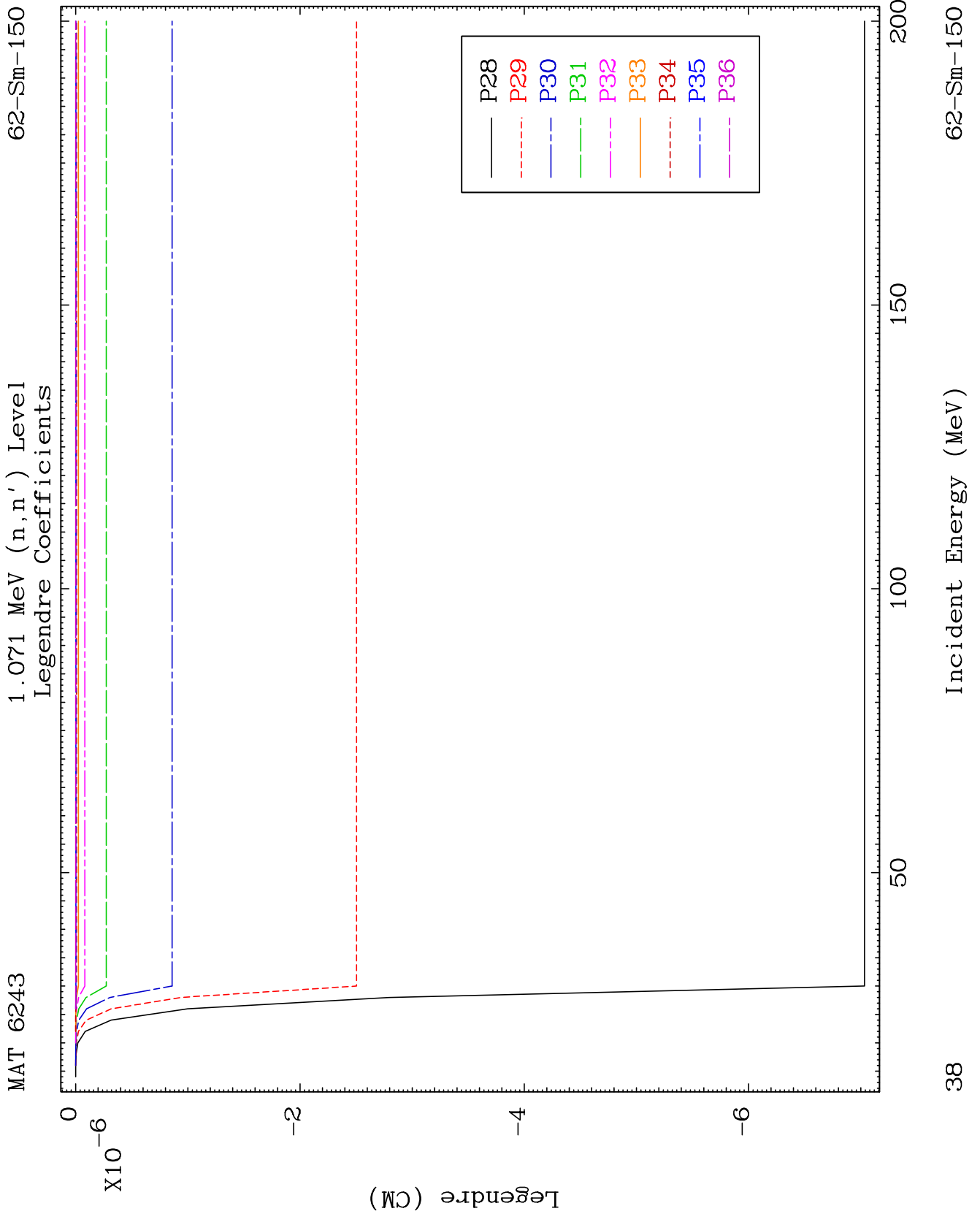
1.071 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



37

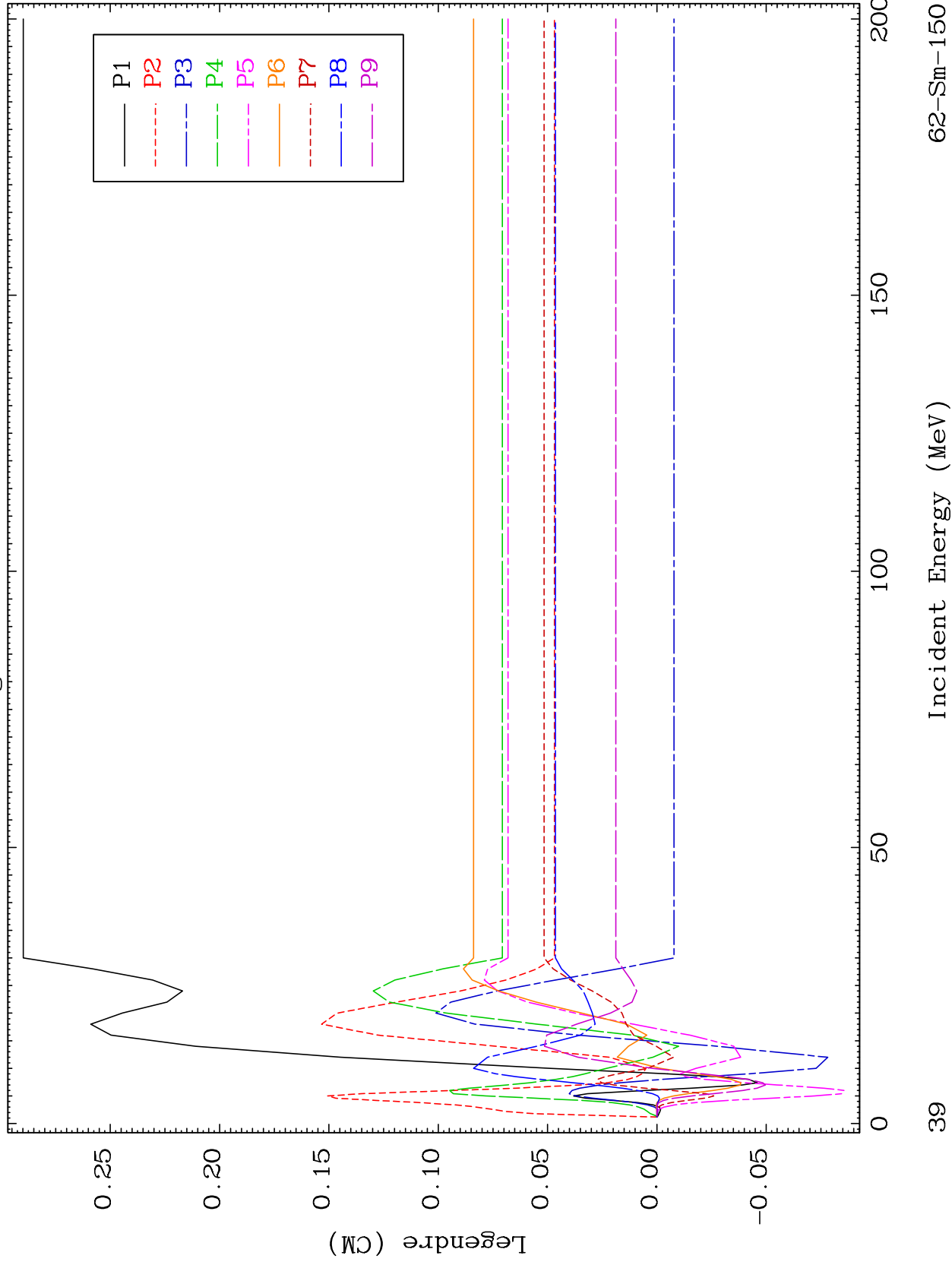
62-Sm-150



MAT 6243

1.166 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



62-Sm-150

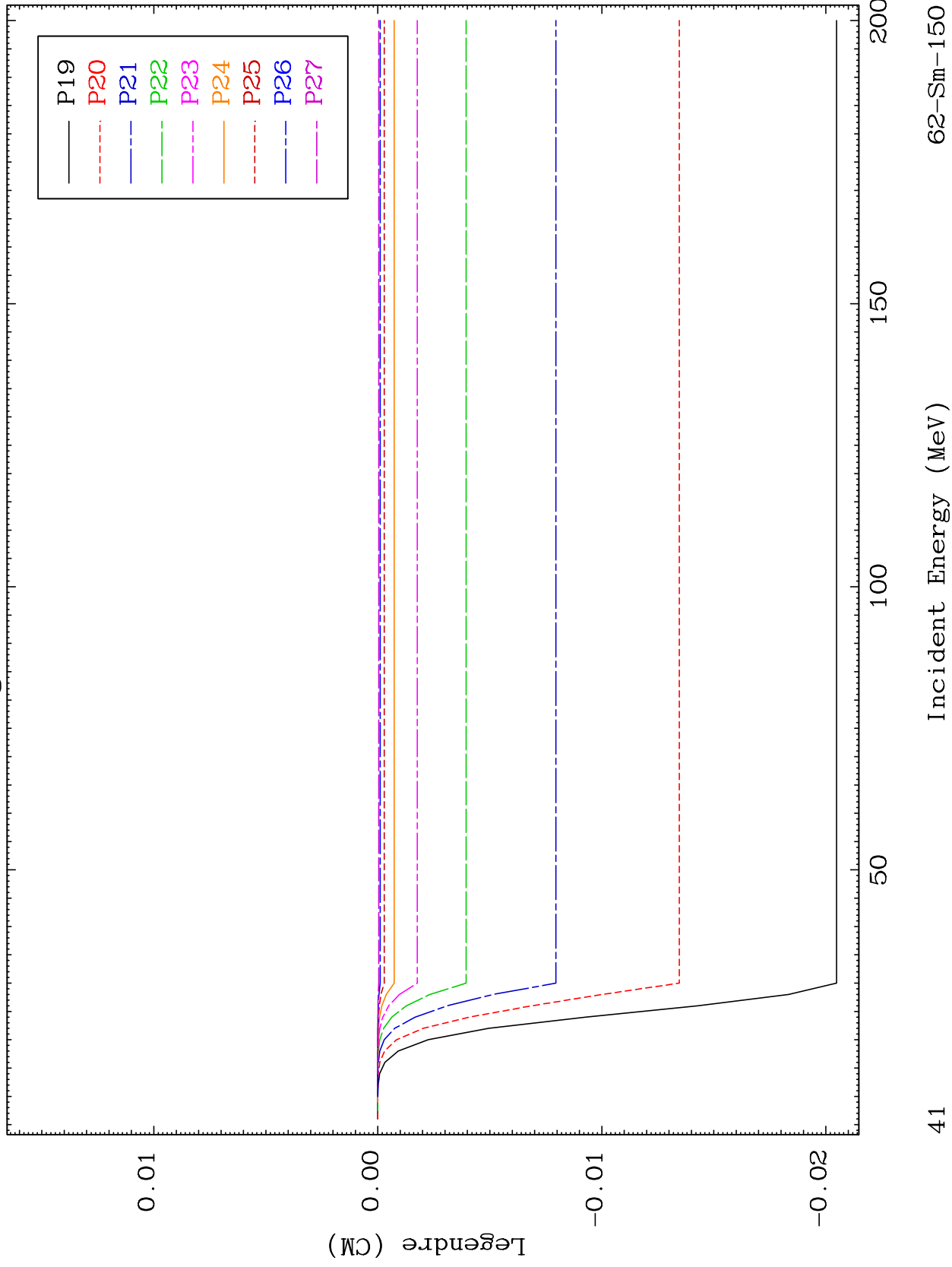
Incident Energy (MeV)

39

MAT 6243

1.166 MeV (n,n') Level
Legendre Coefficients

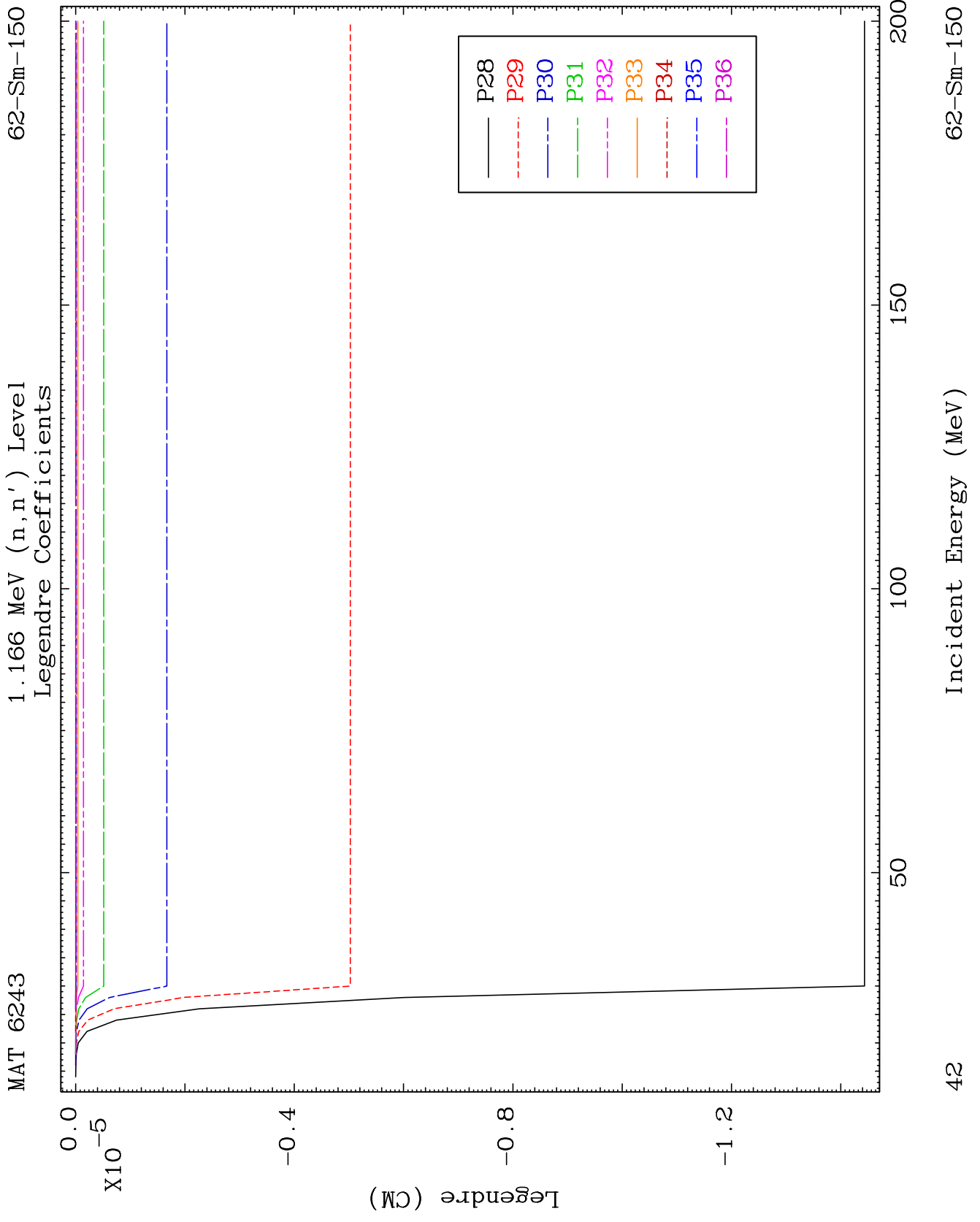
62-Sm-150

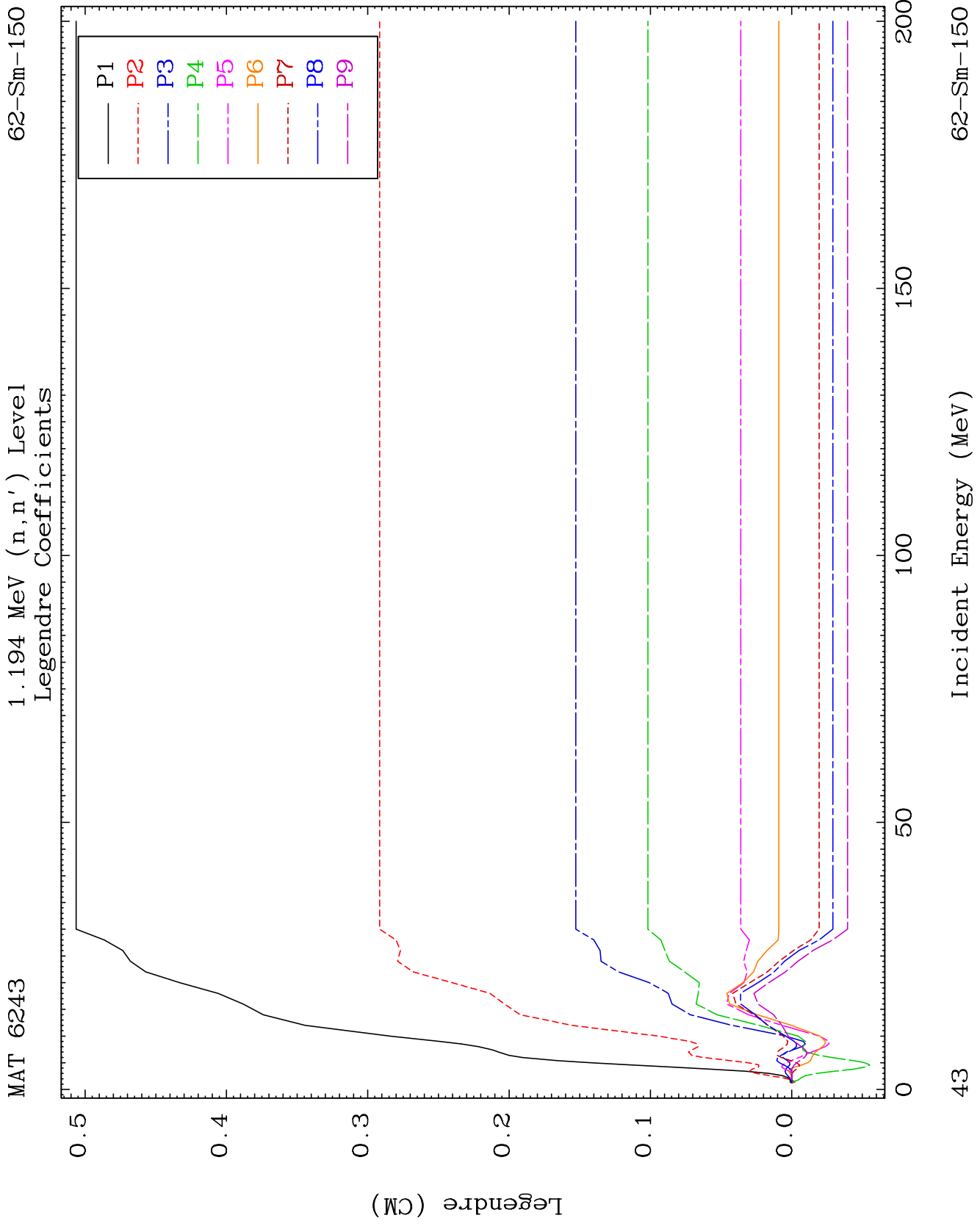


41

Incident Energy (MeV)

62-Sm-150

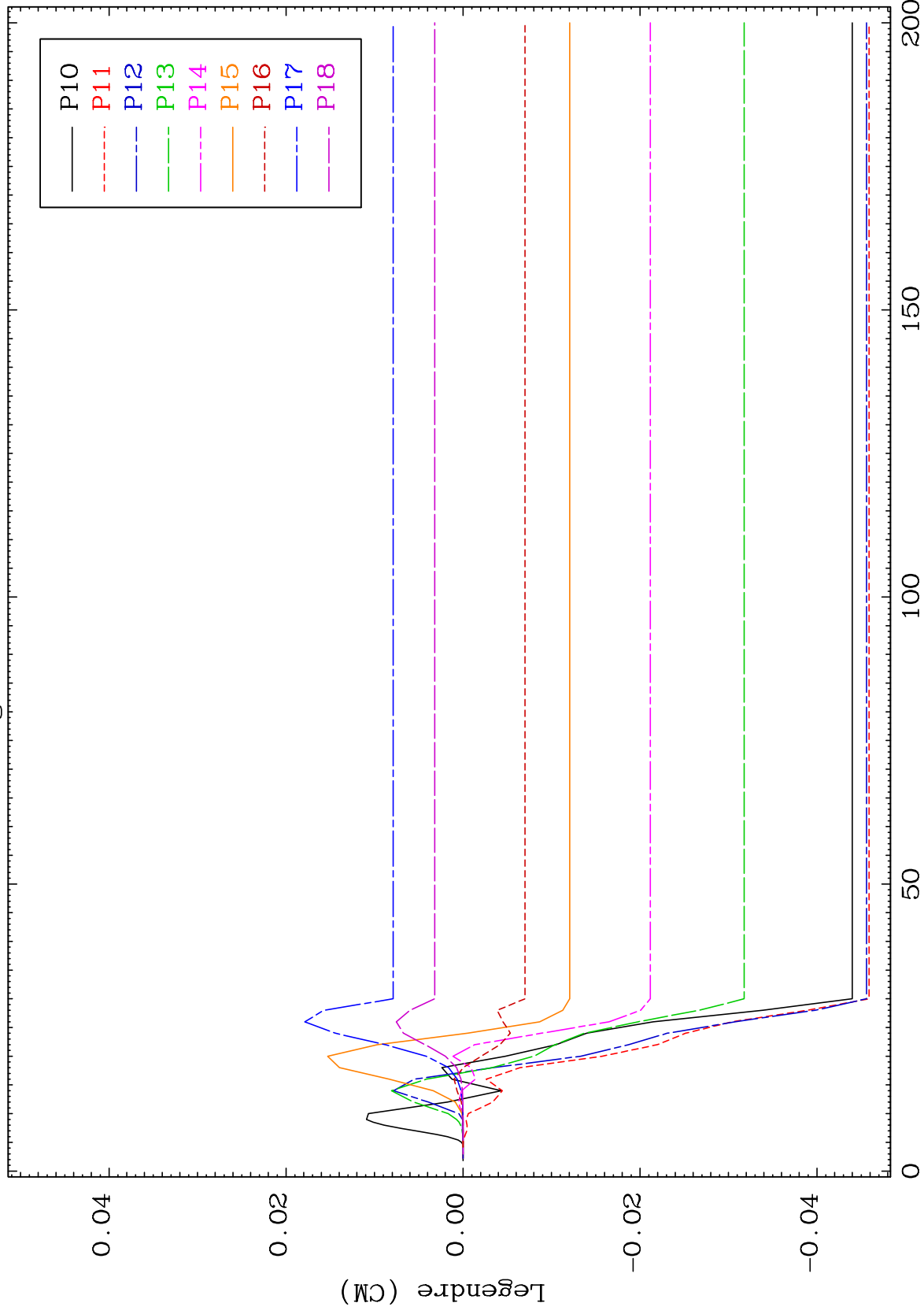




MAT 6243

1.194 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



44

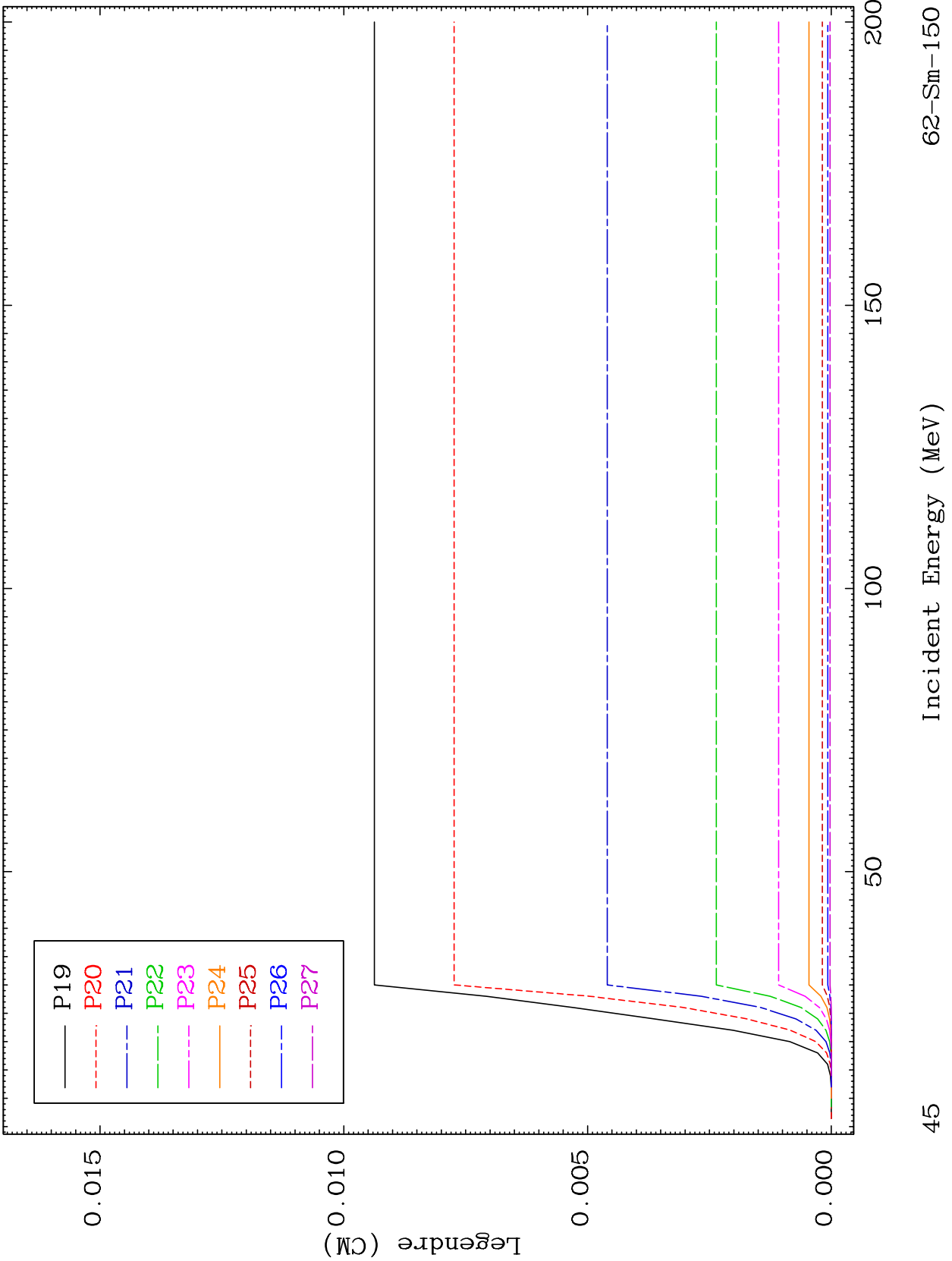
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.194 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



45

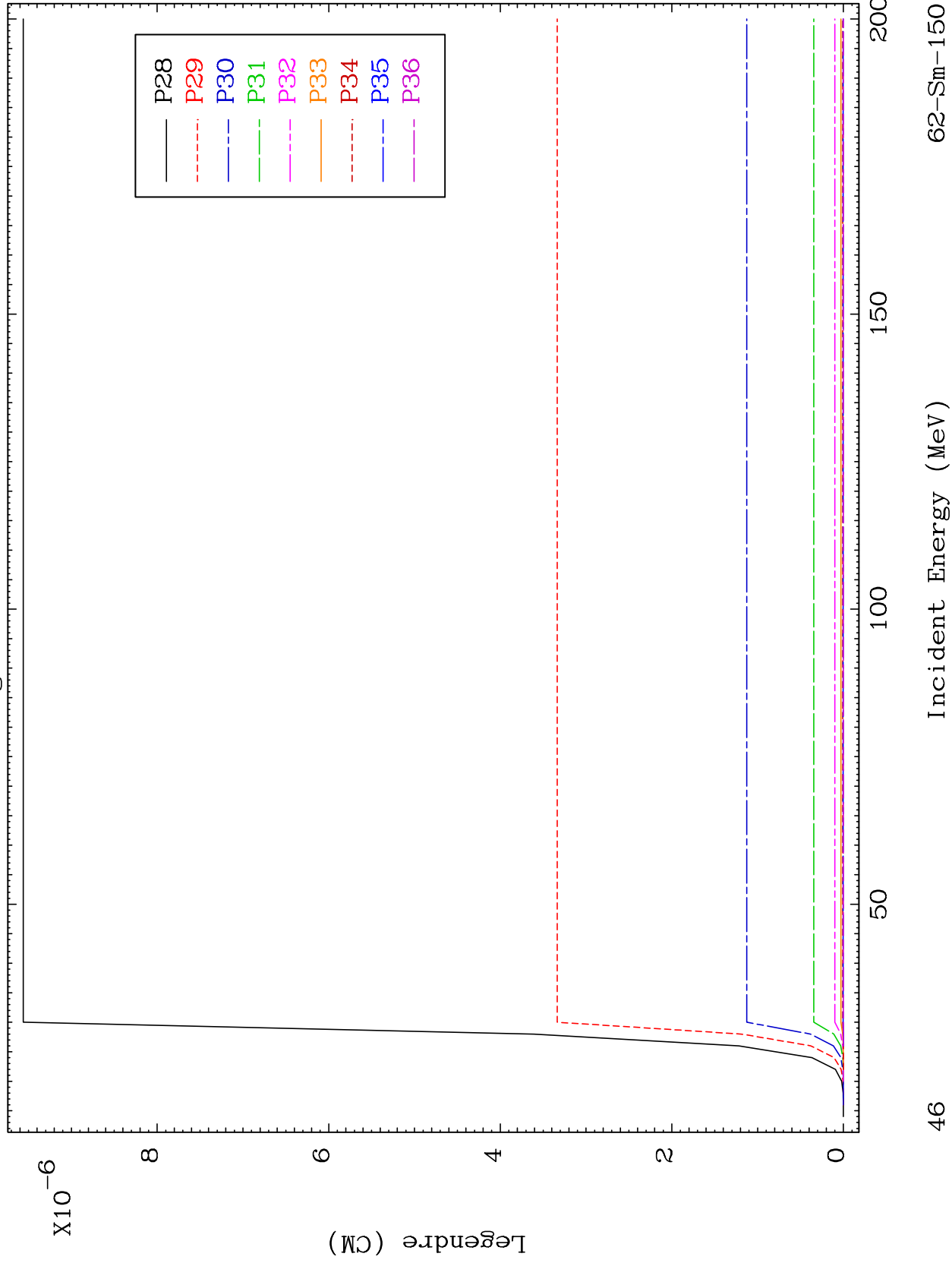
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.194 MeV (n,n') Level
Legendre Coefficients

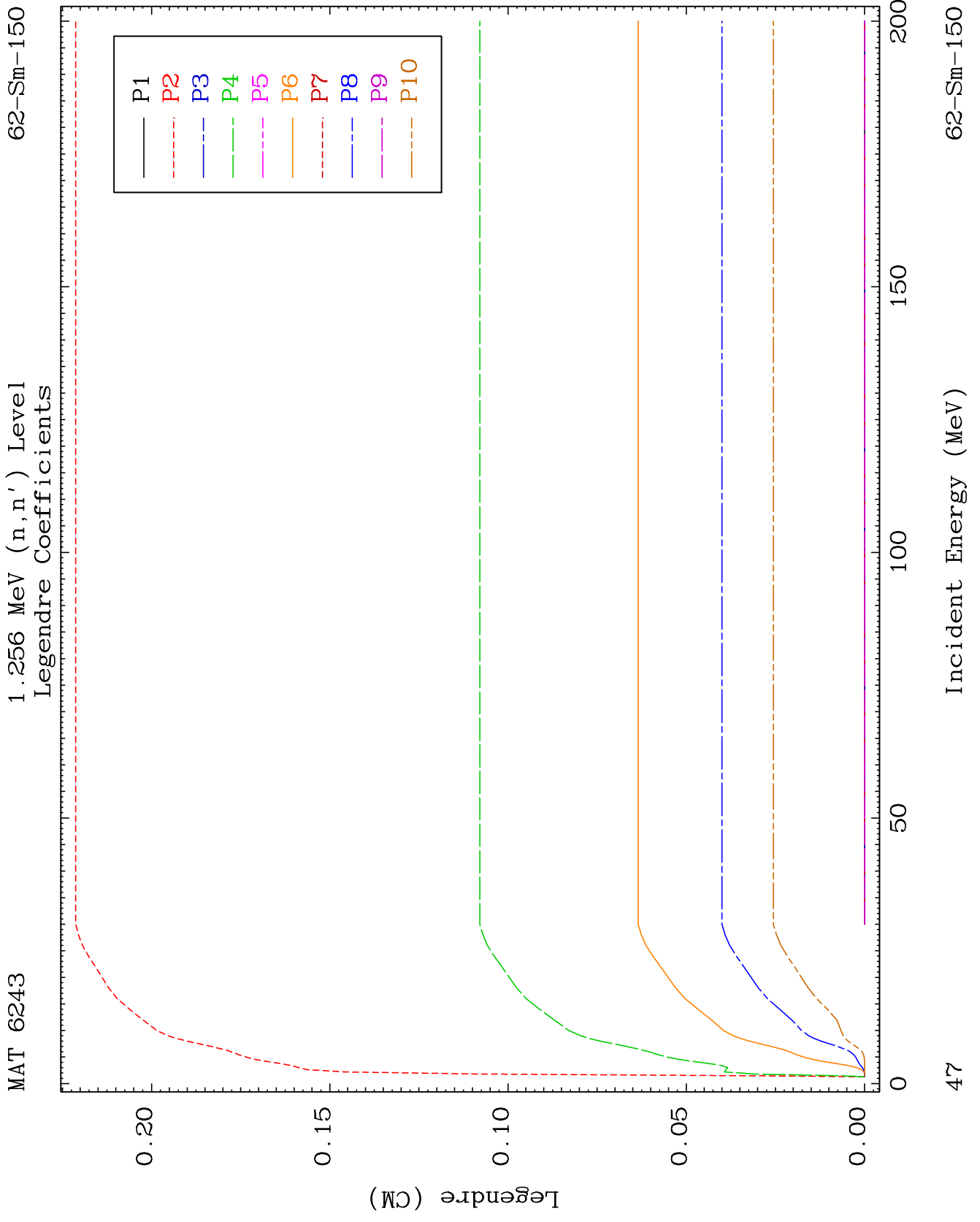
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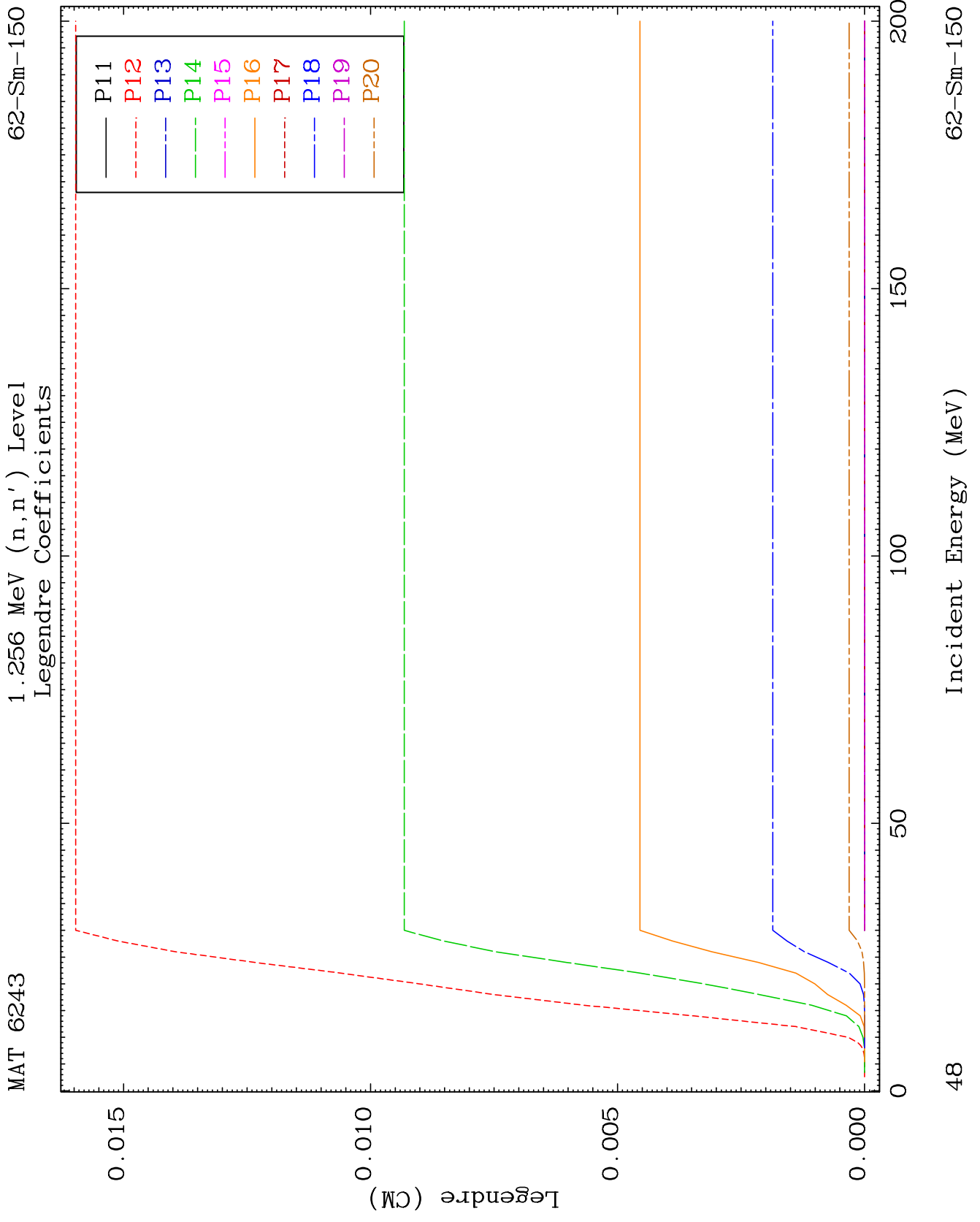


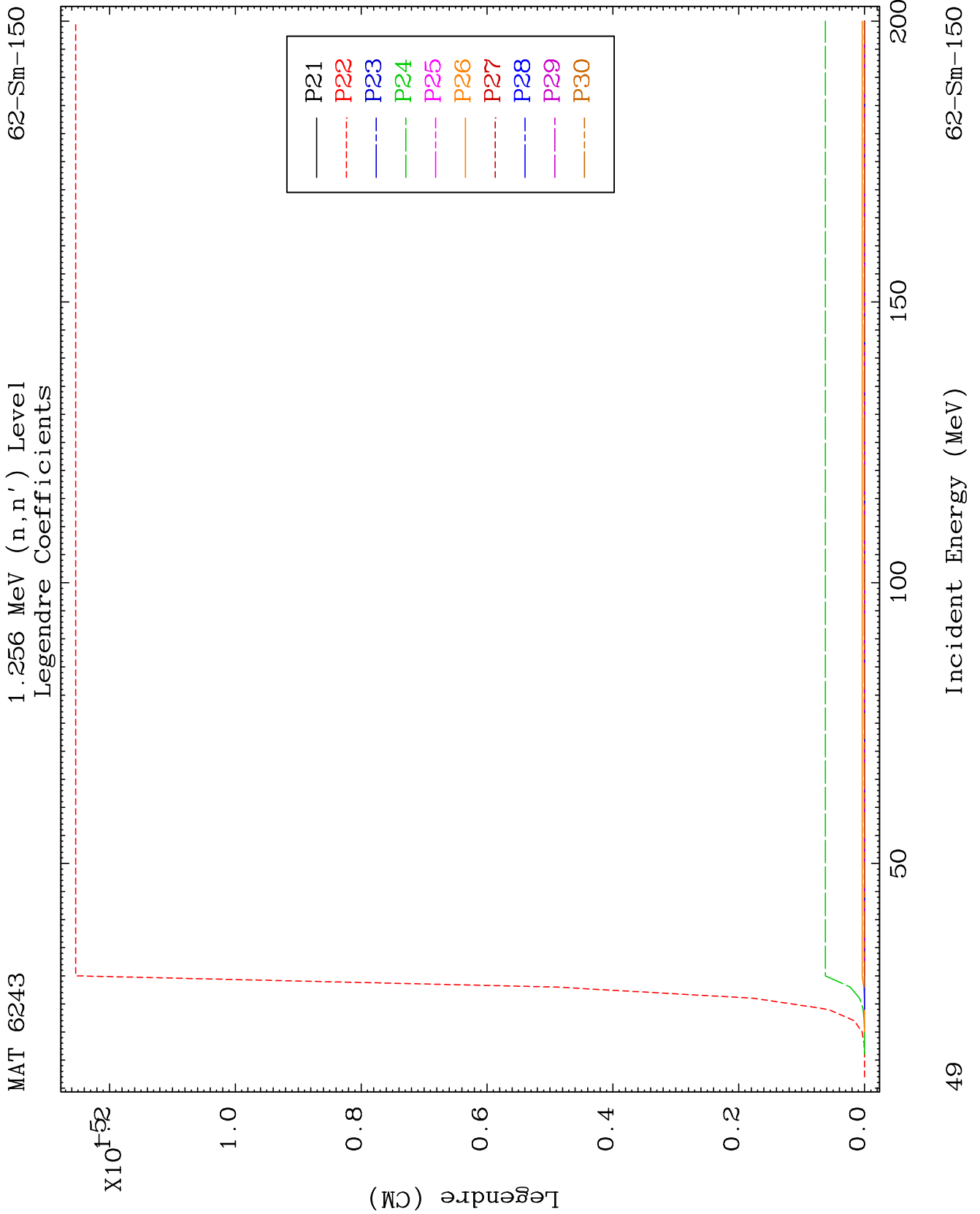
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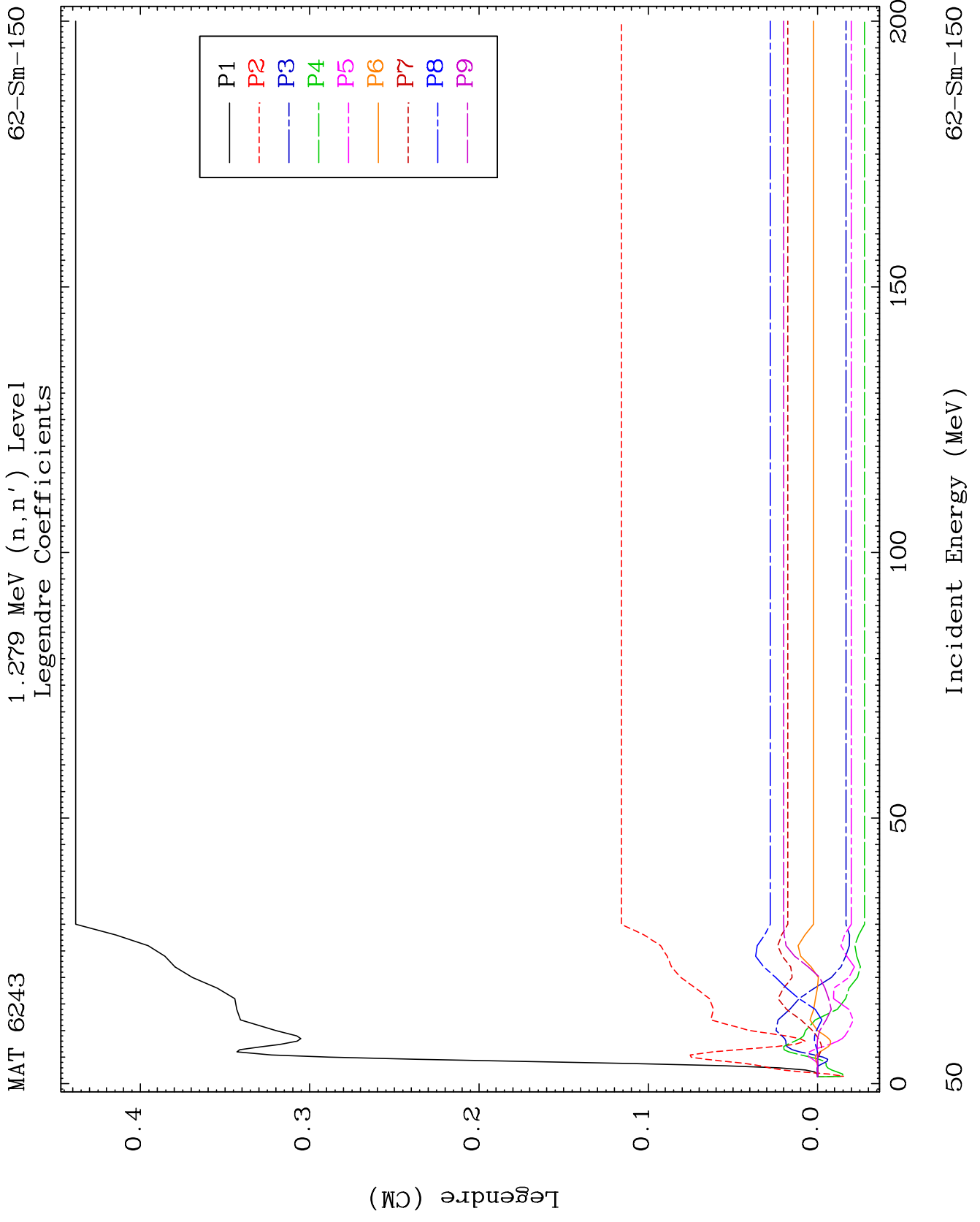
Incident Energy (MeV)

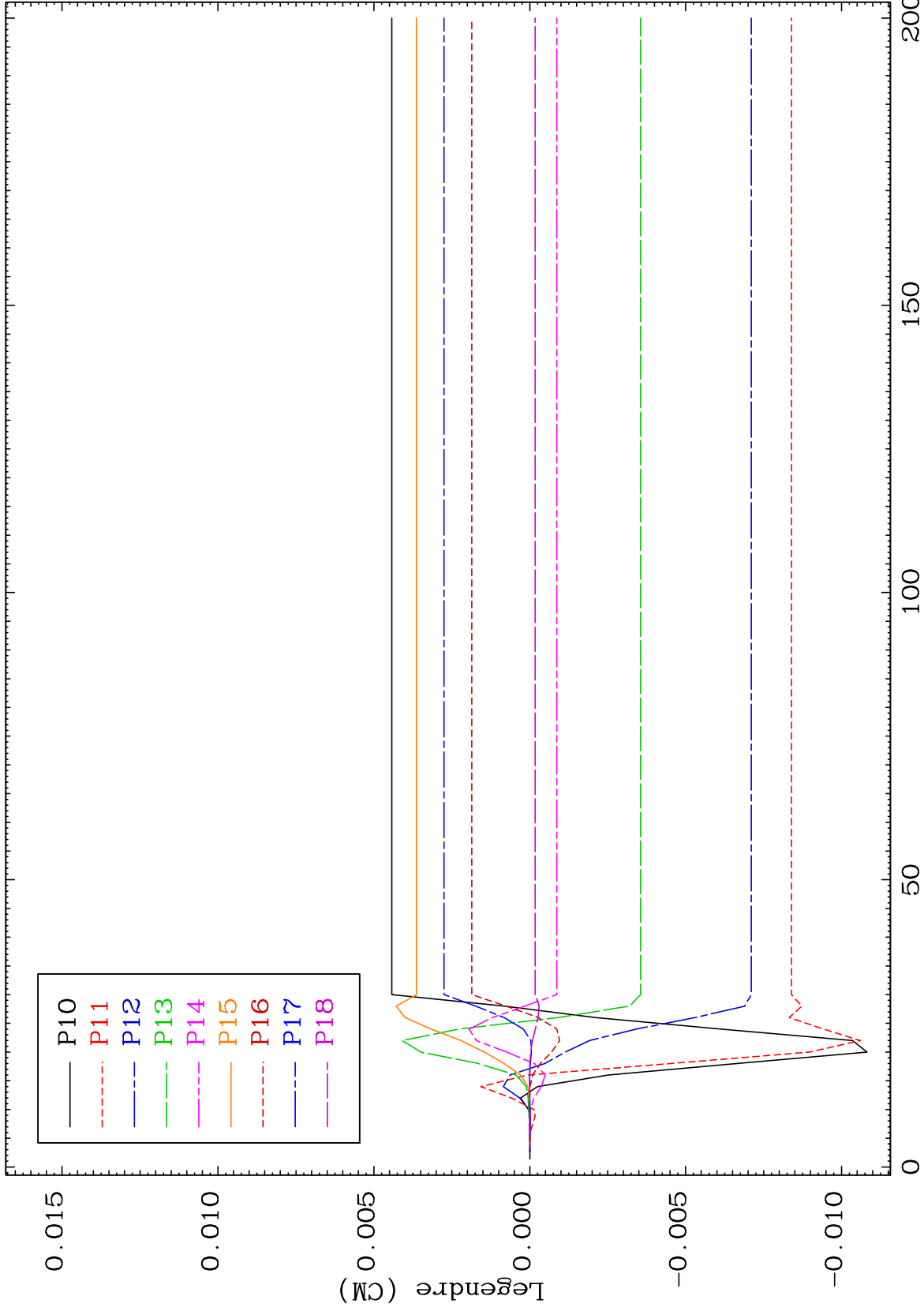
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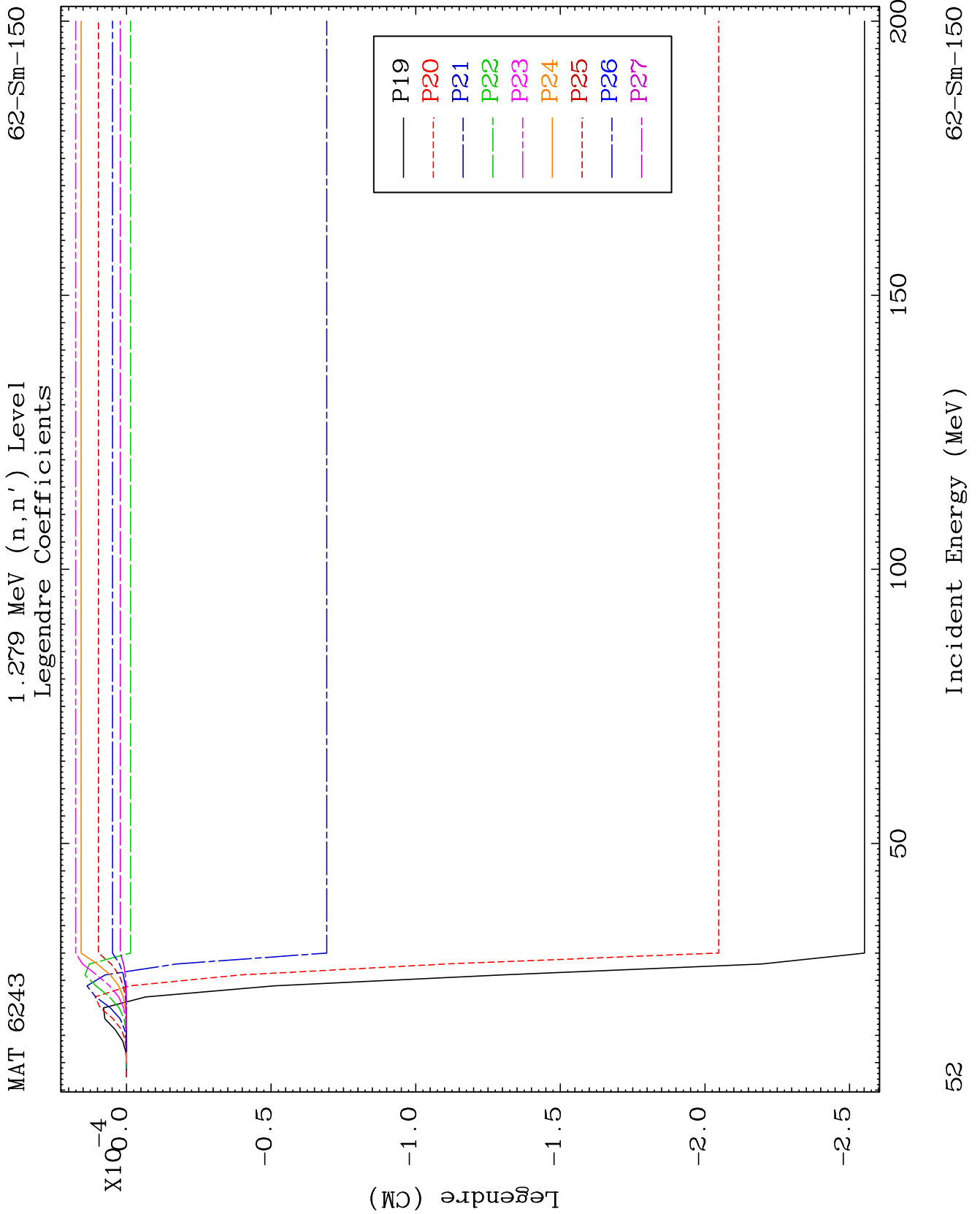


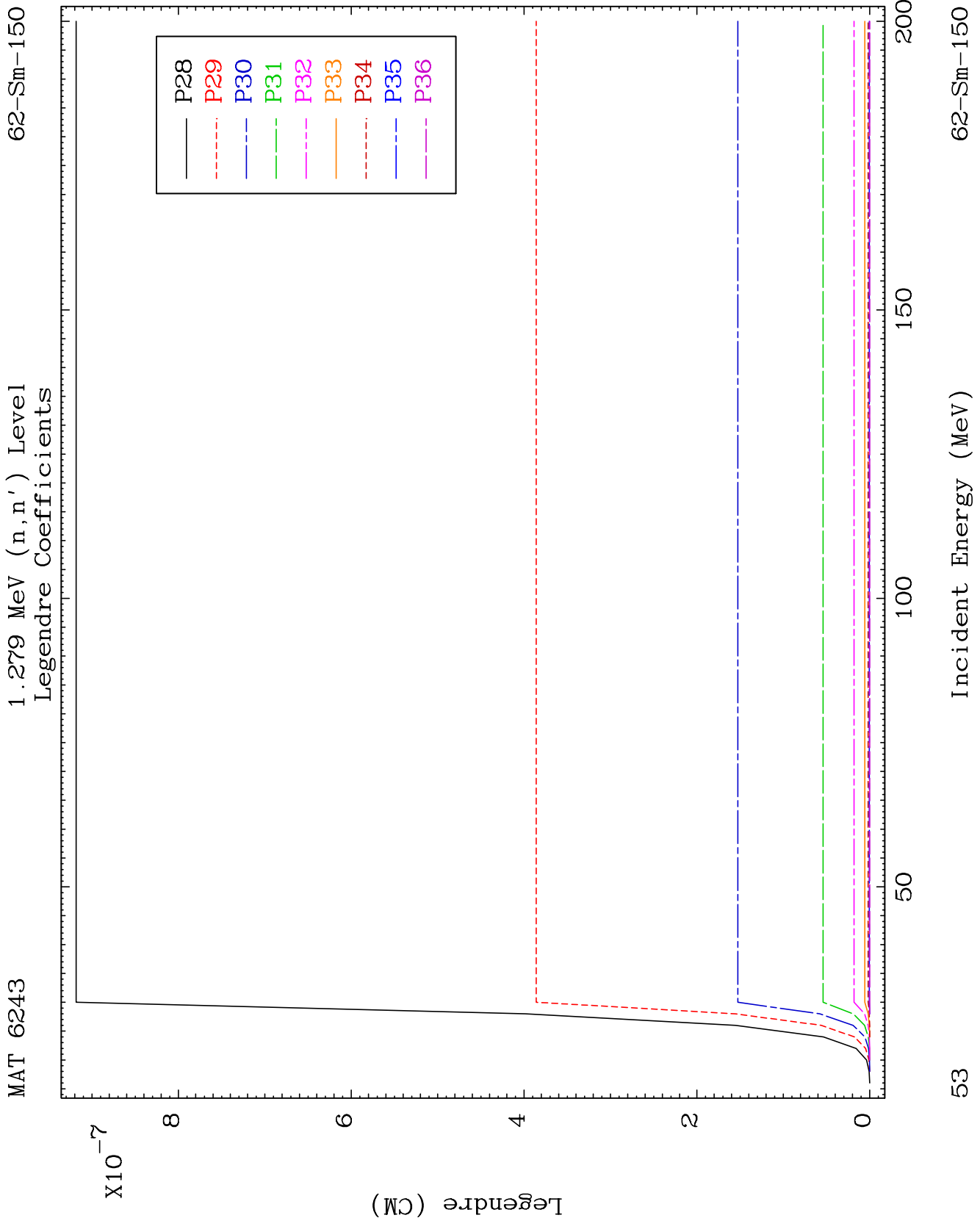








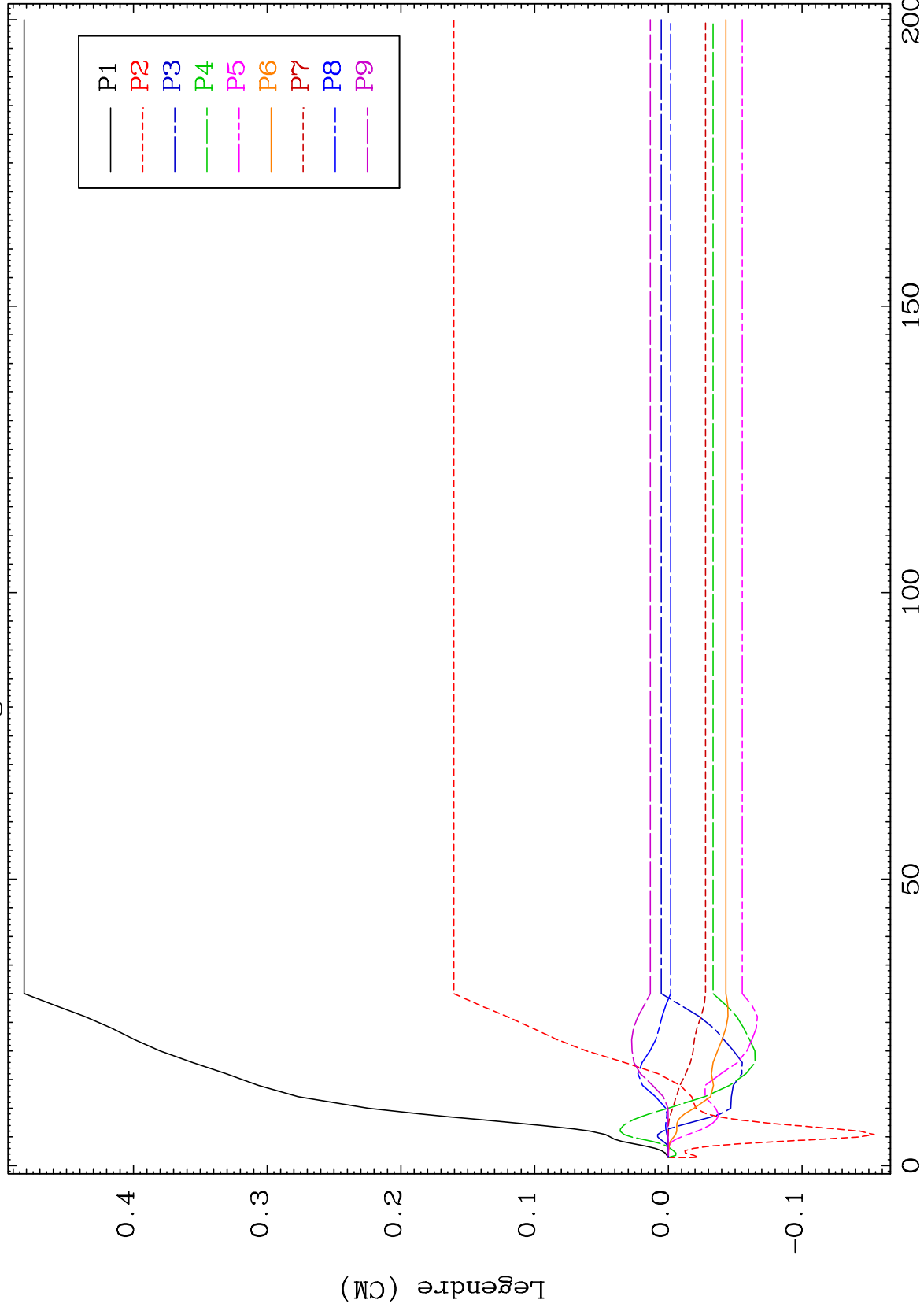




MAT 6243

1.358 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



54

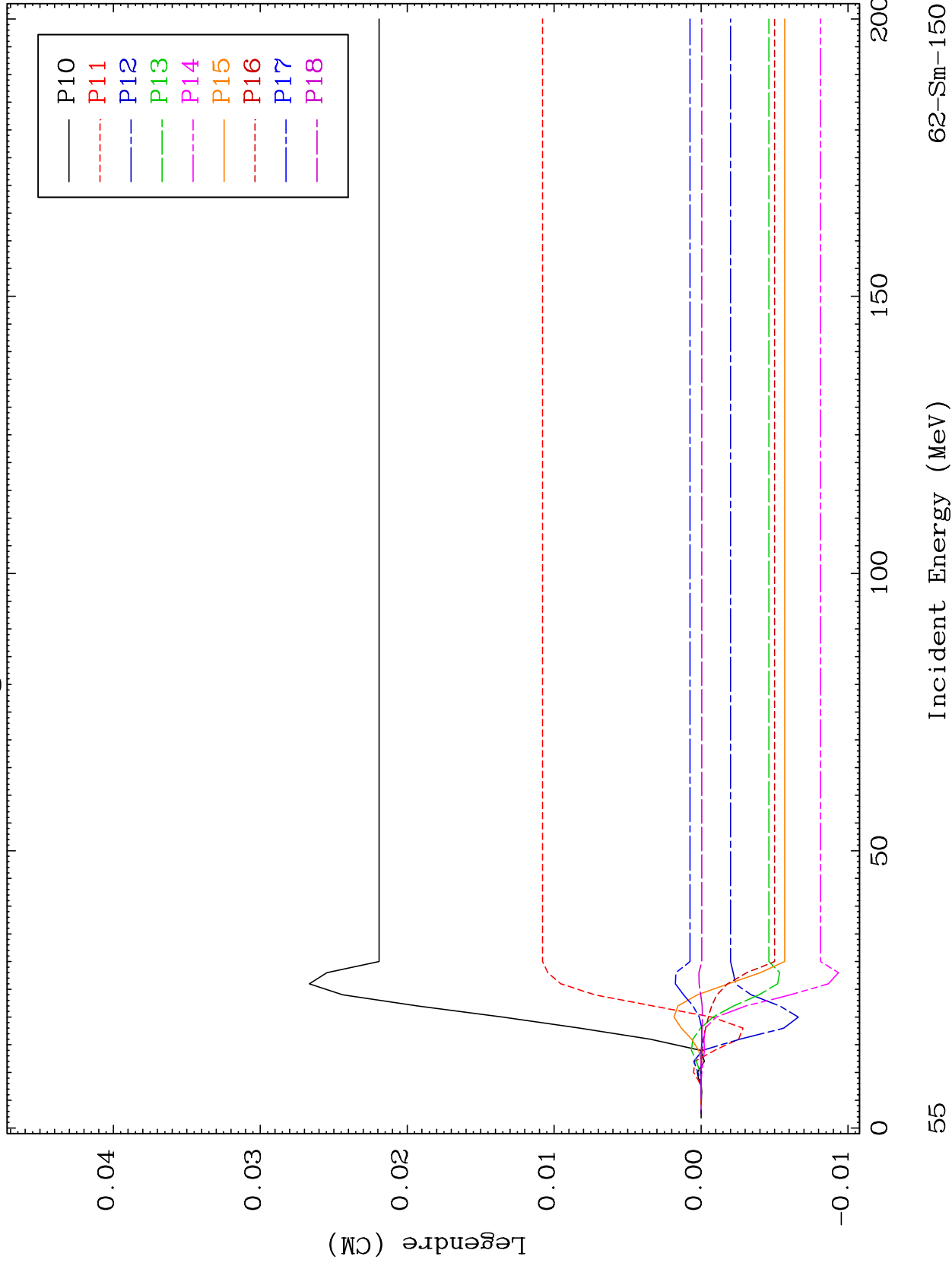
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.358 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



62-Sm-150

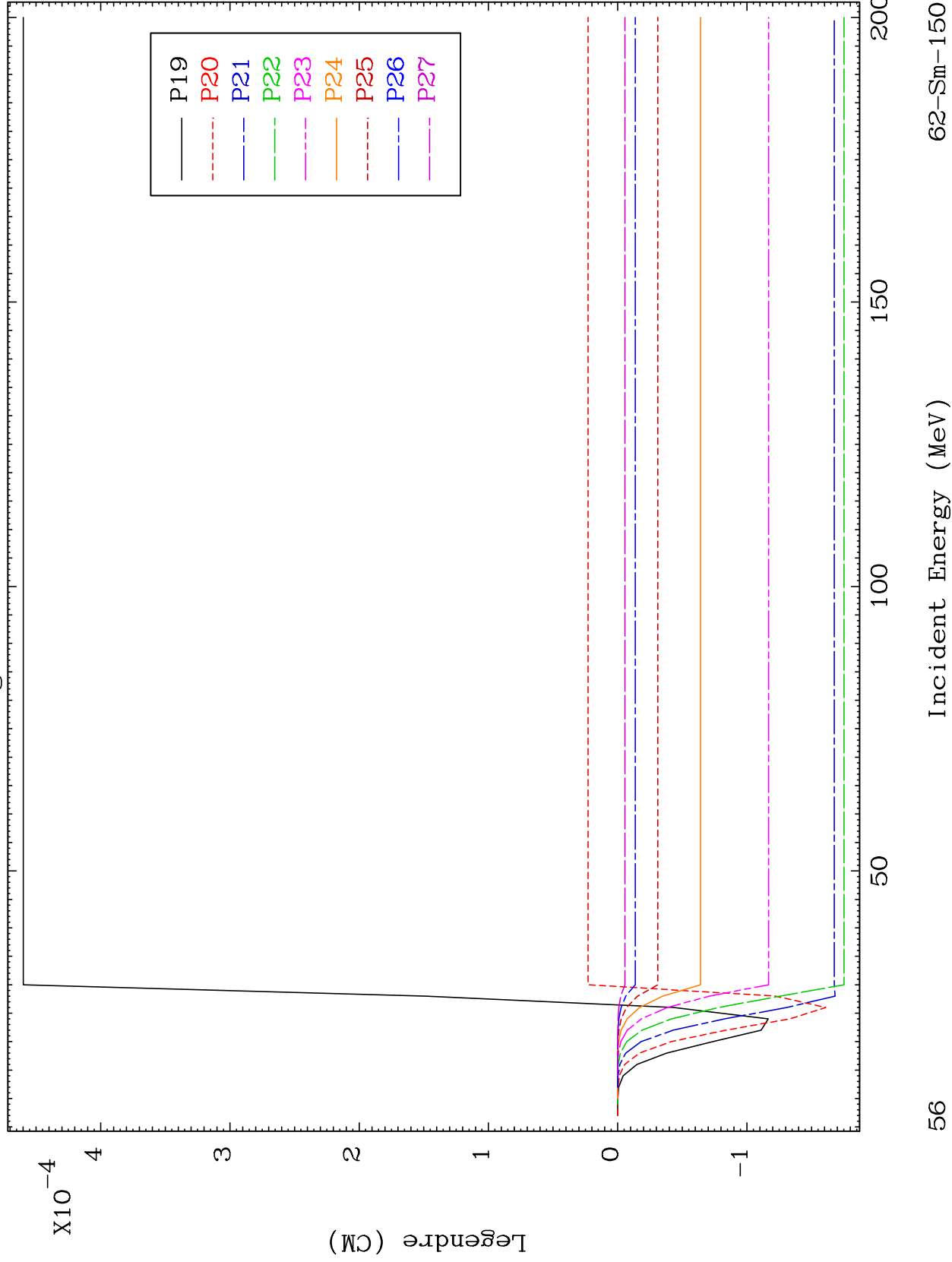
Incident Energy (MeV)

55

MAT 6243

1.358 MeV (n,n') Level
Legendre Coefficients

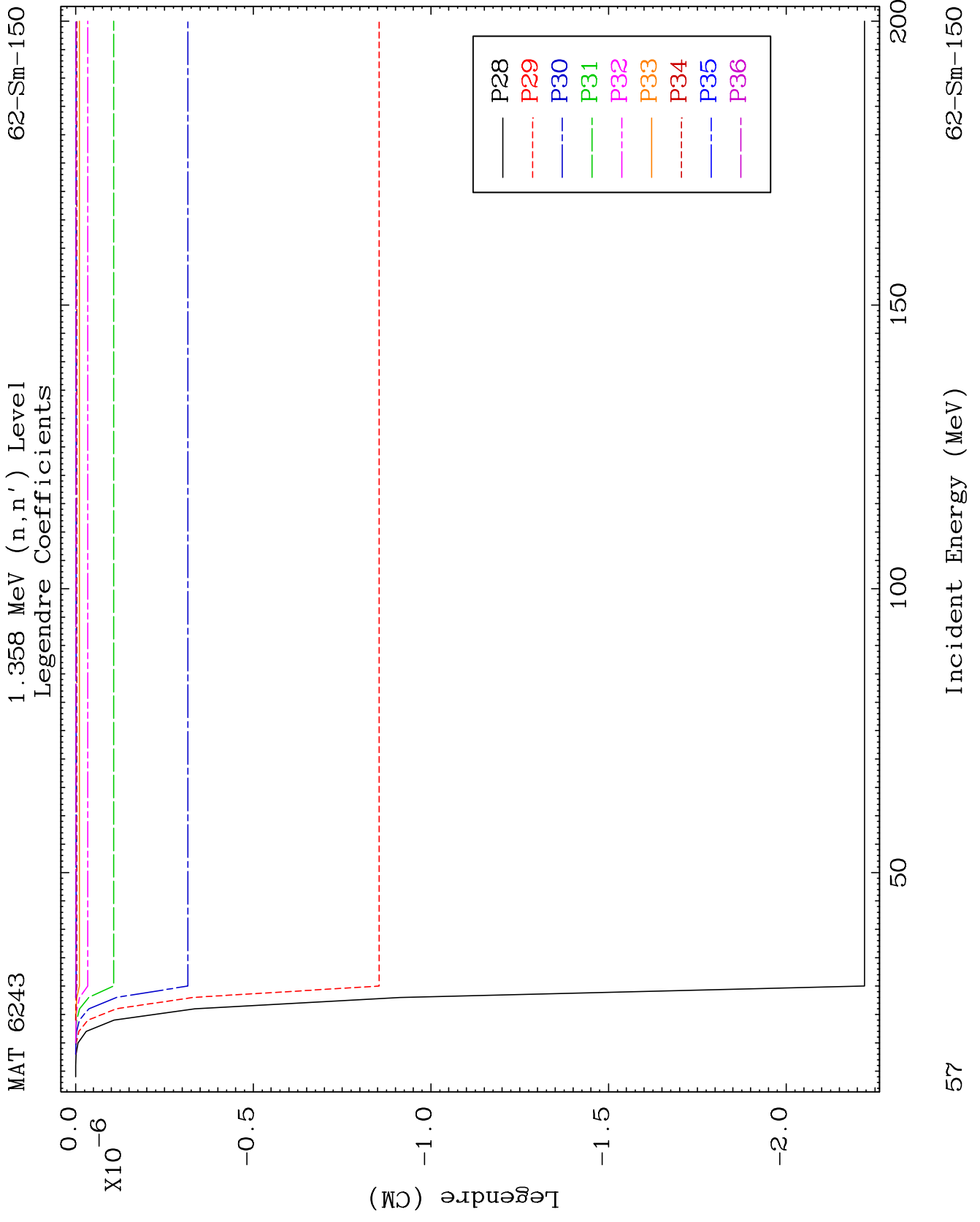
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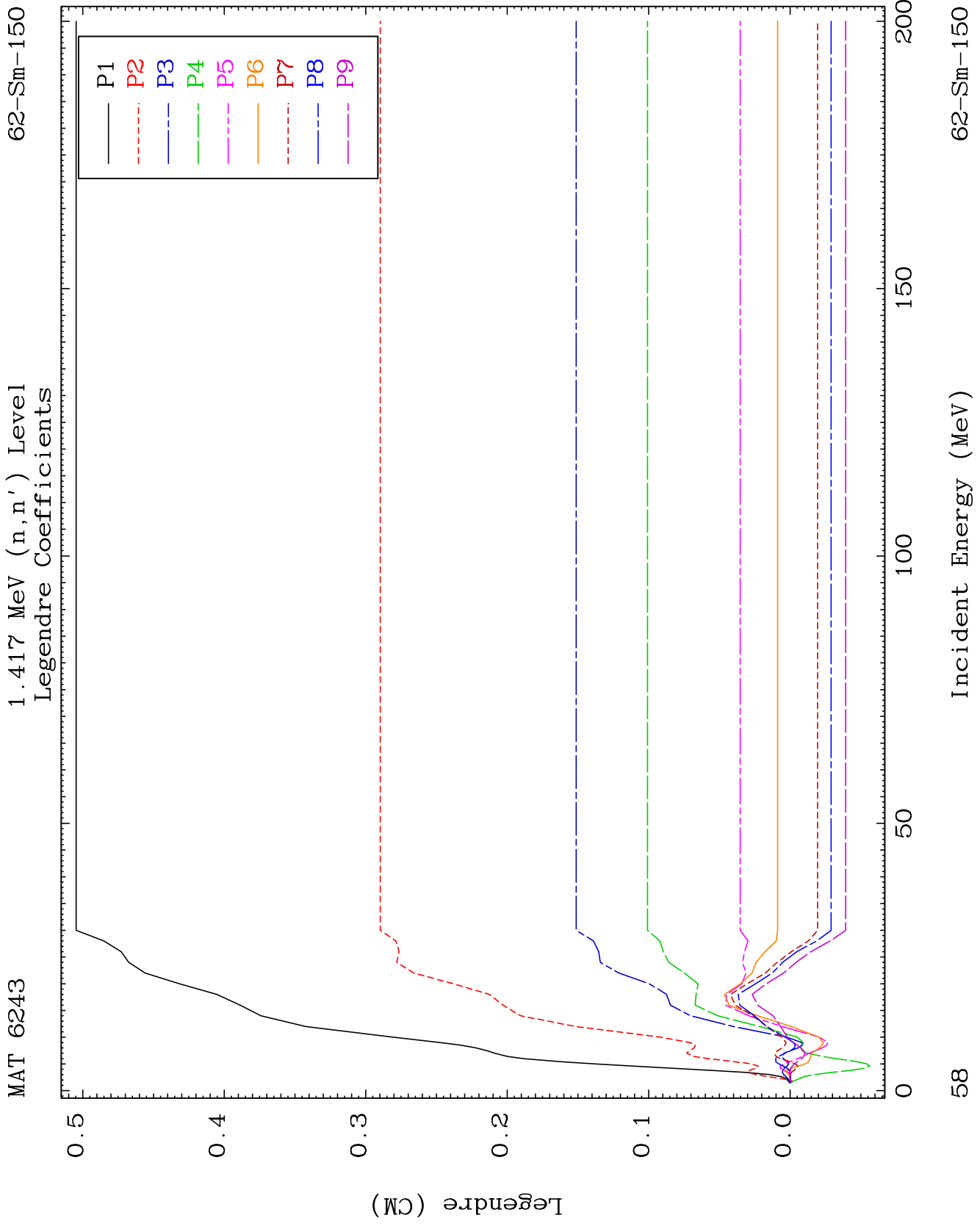


56

Incident Energy (MeV)

62-Sm-150

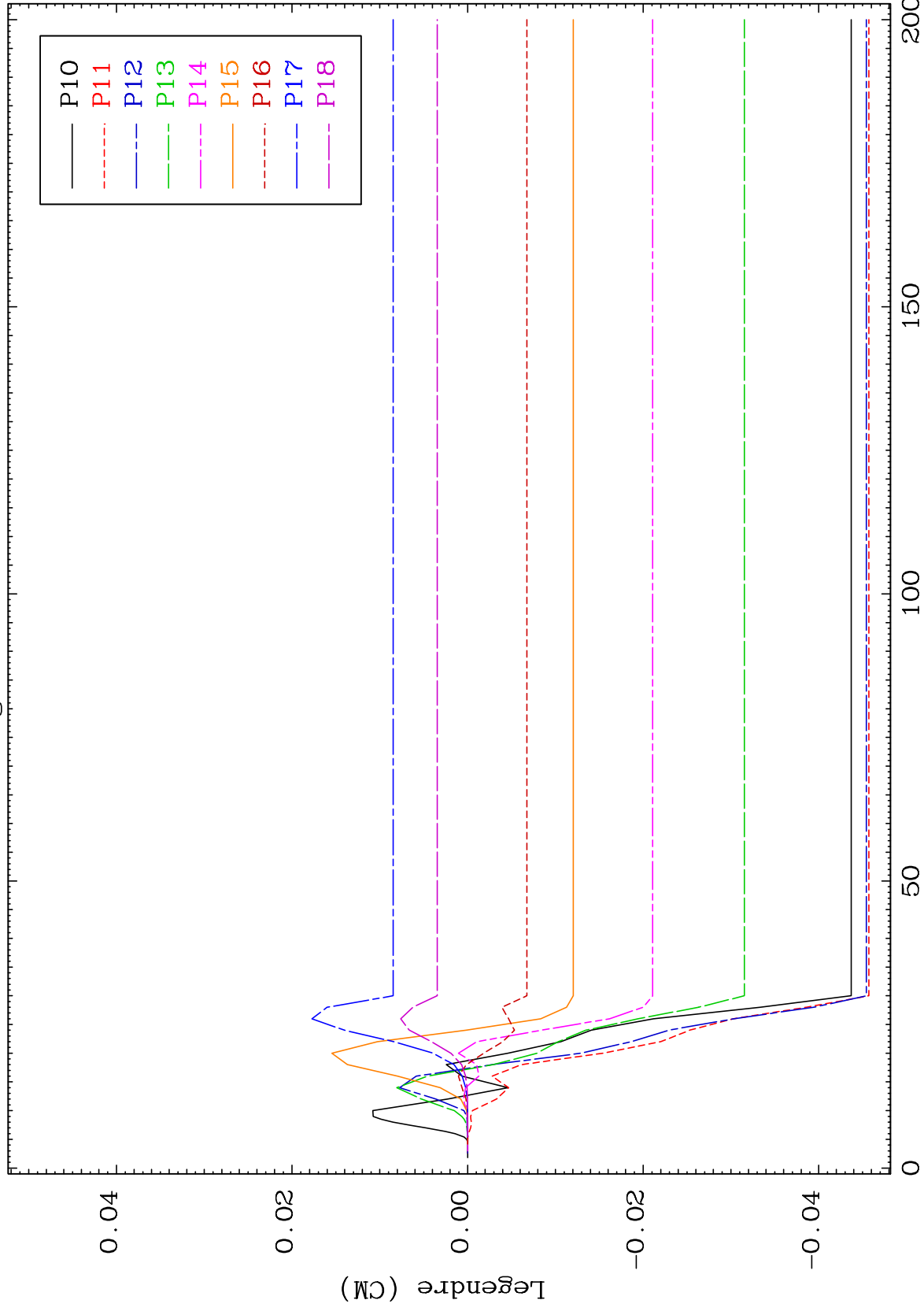




MAT 6243

1.417 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



59

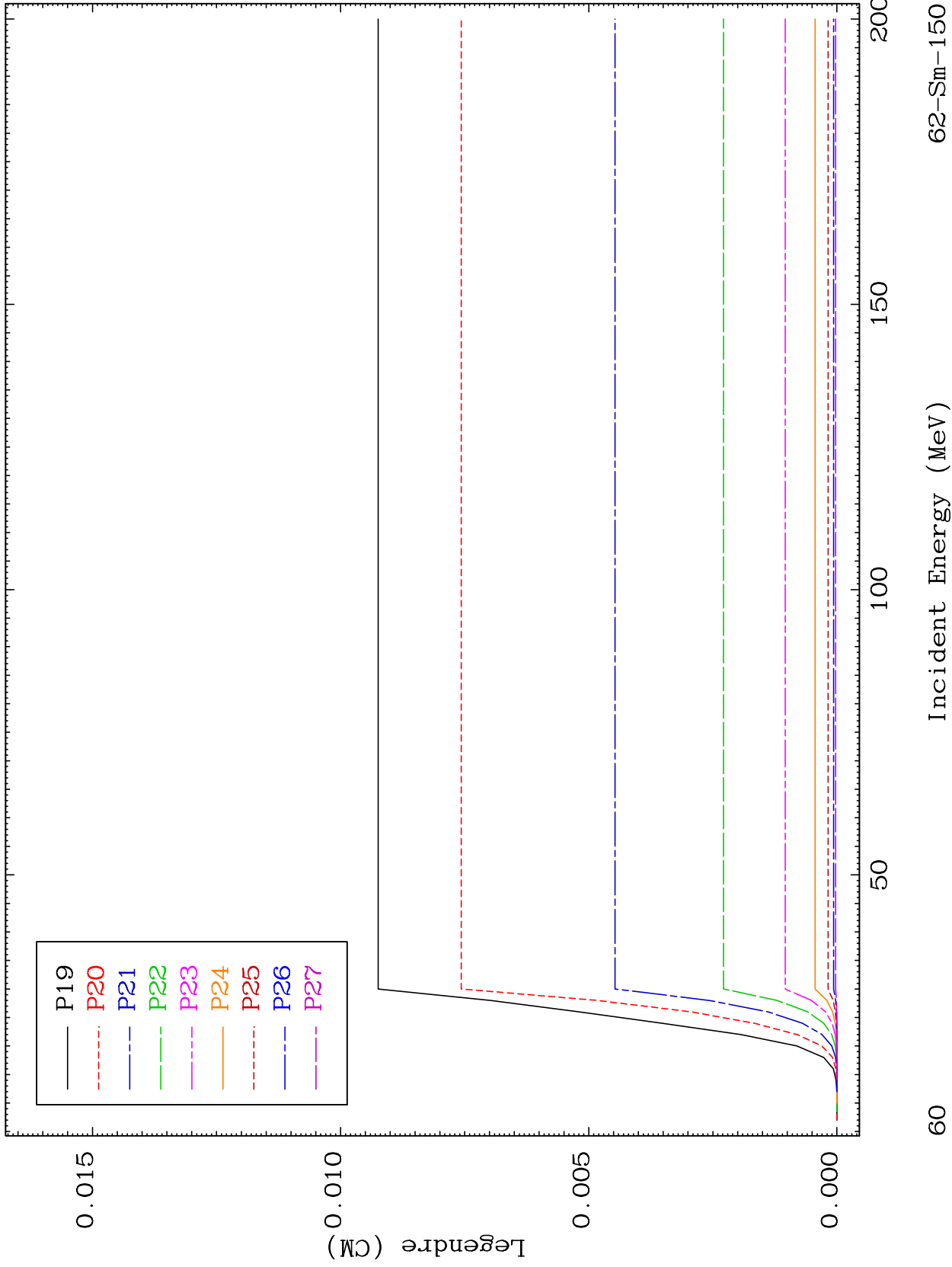
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.417 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



60

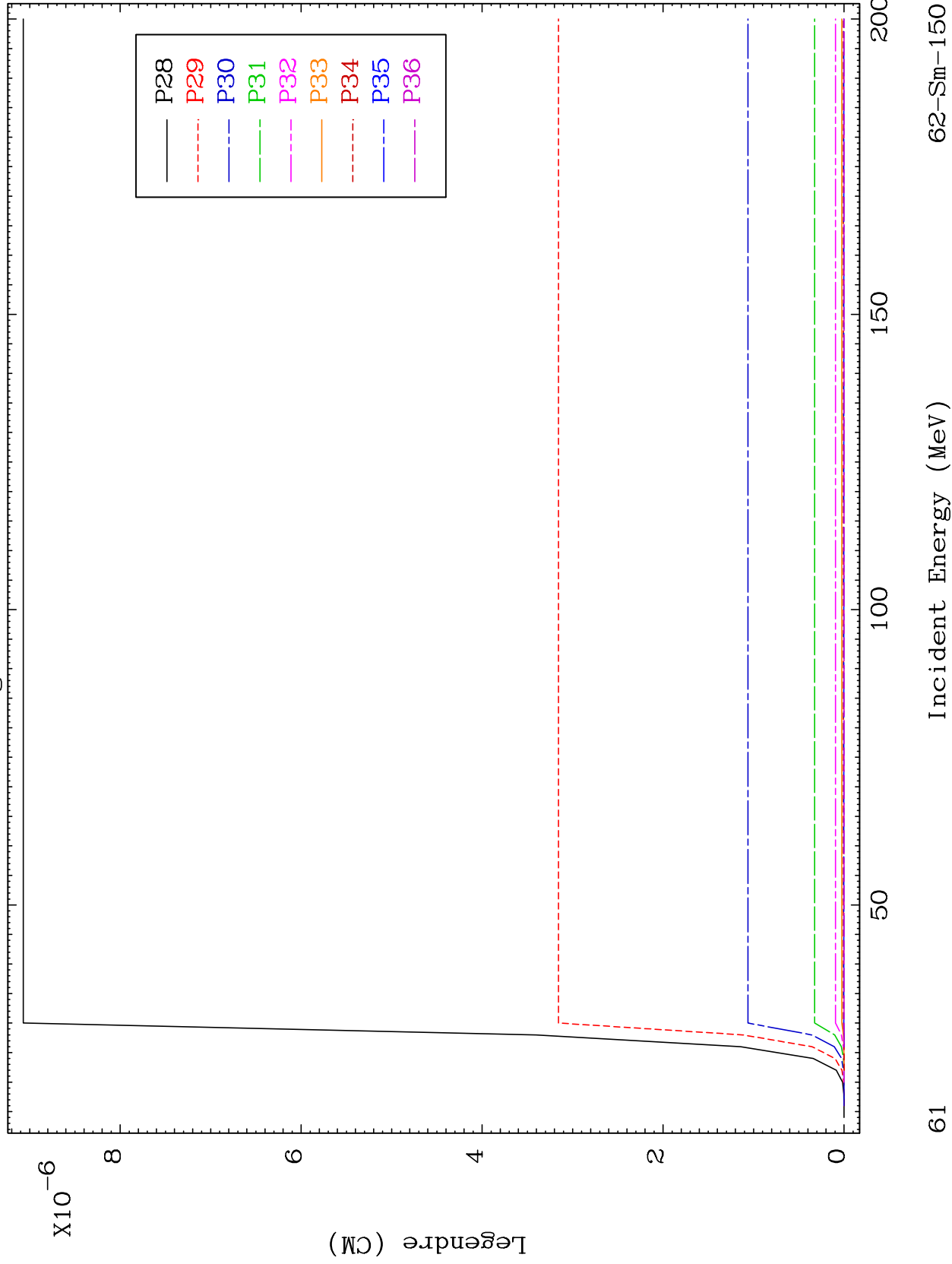
Incident Energy (MeV)

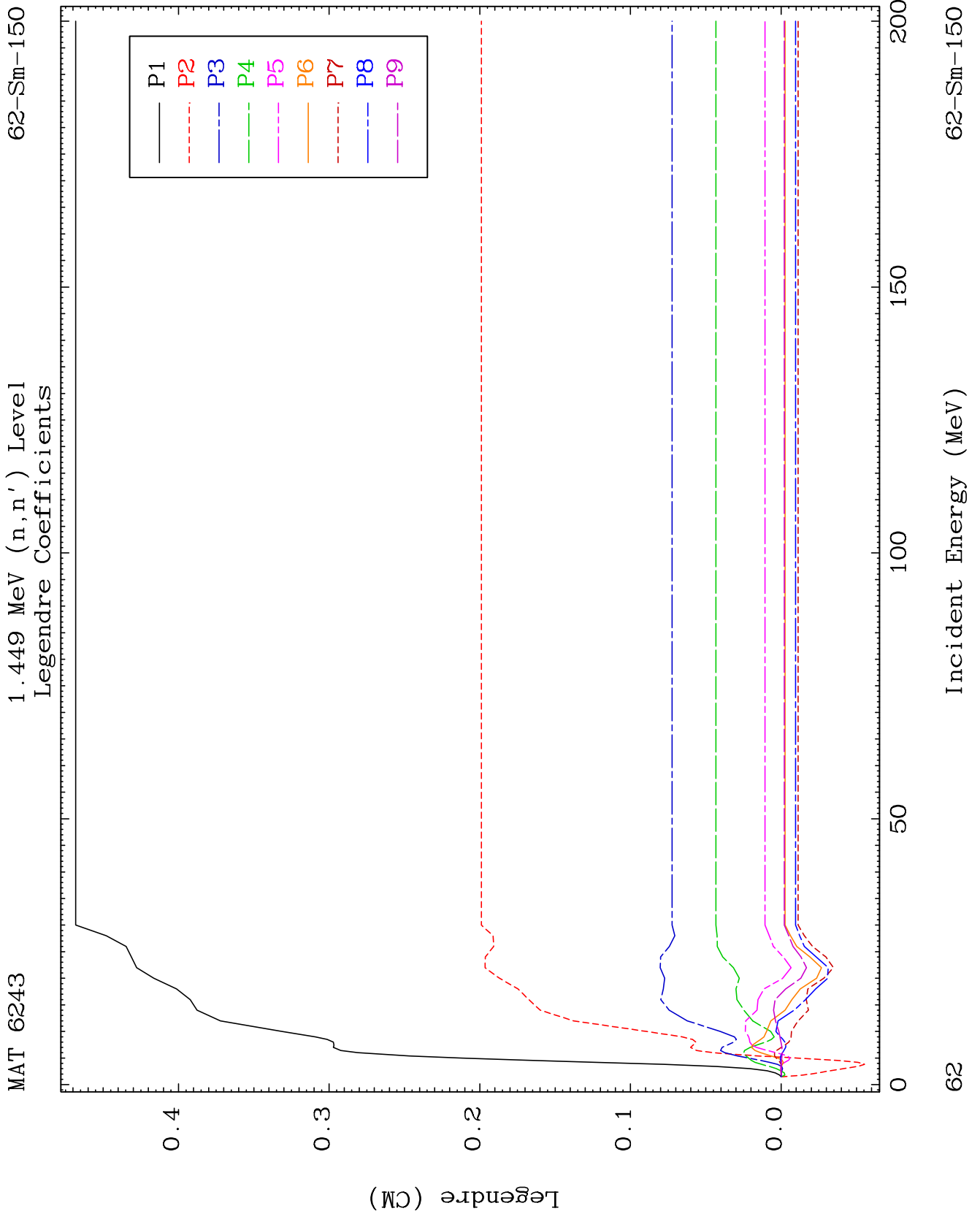
62-Sm-150

MAT 6243

1.417 MeV (n,n') Level
Legendre Coefficients

62-Sm-150

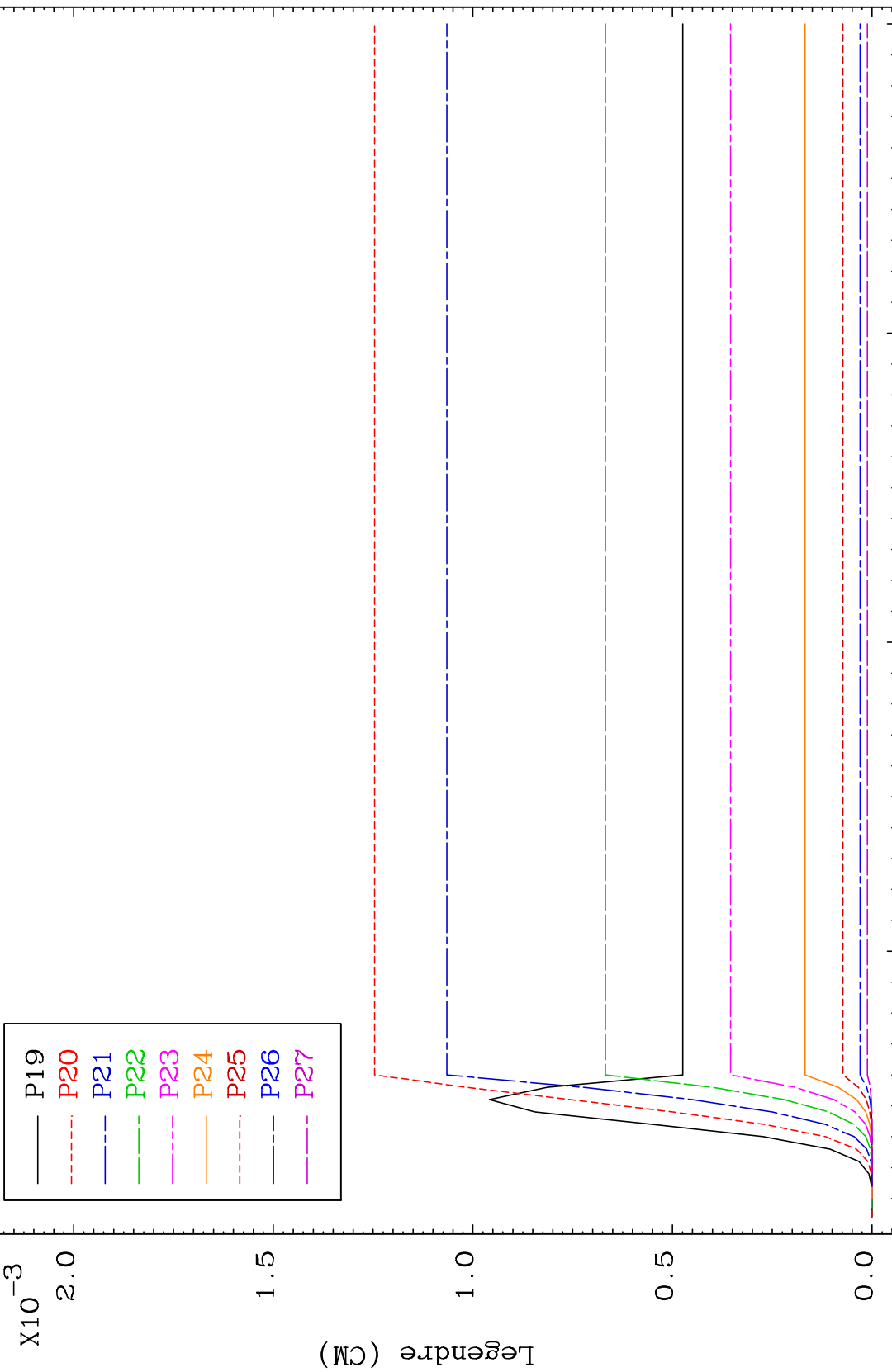
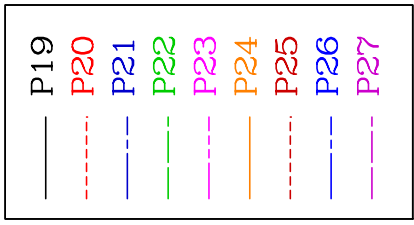




MAT 6243

1.449 MeV (n, n') Level
Legendre Coefficients

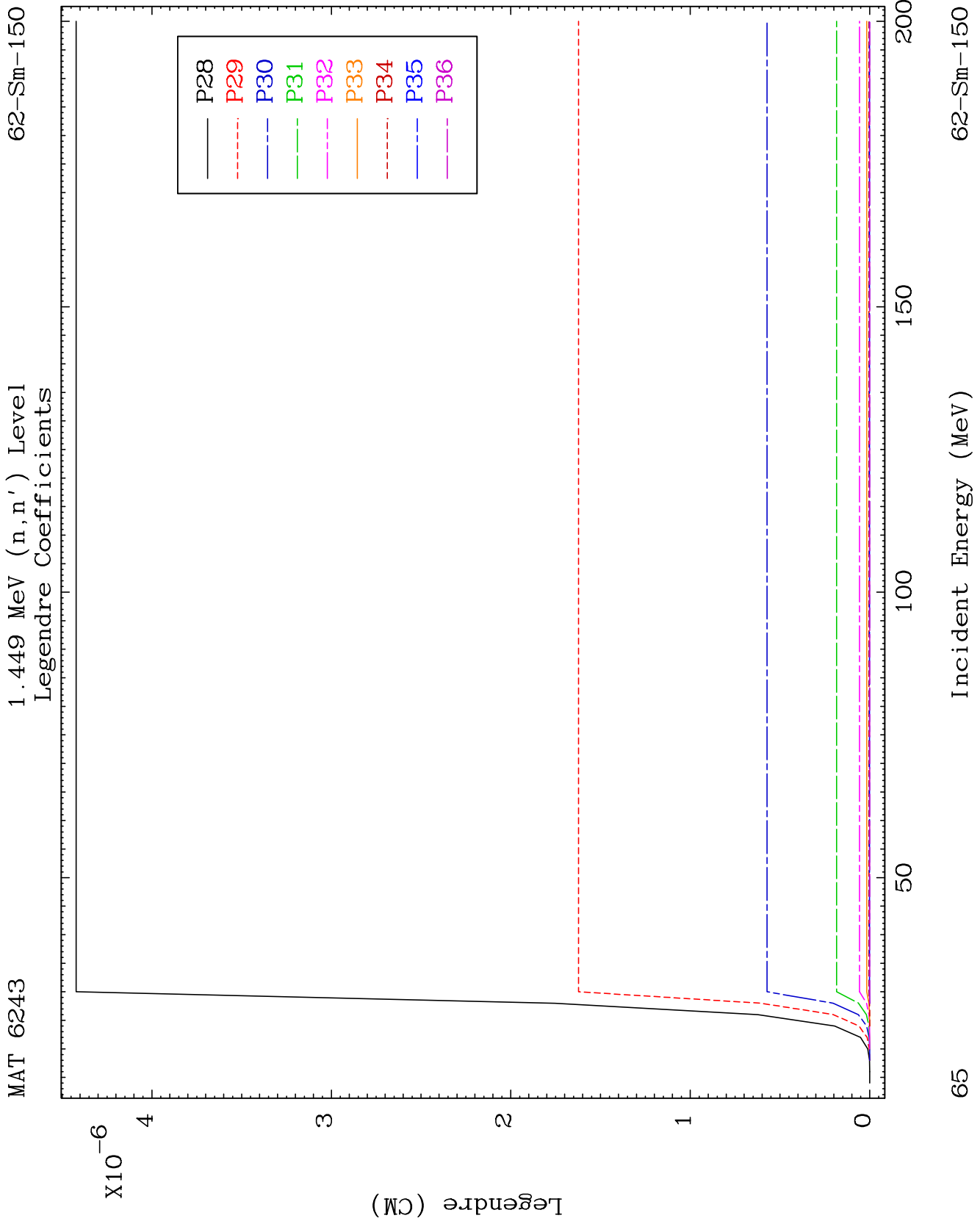
62-Sm-150

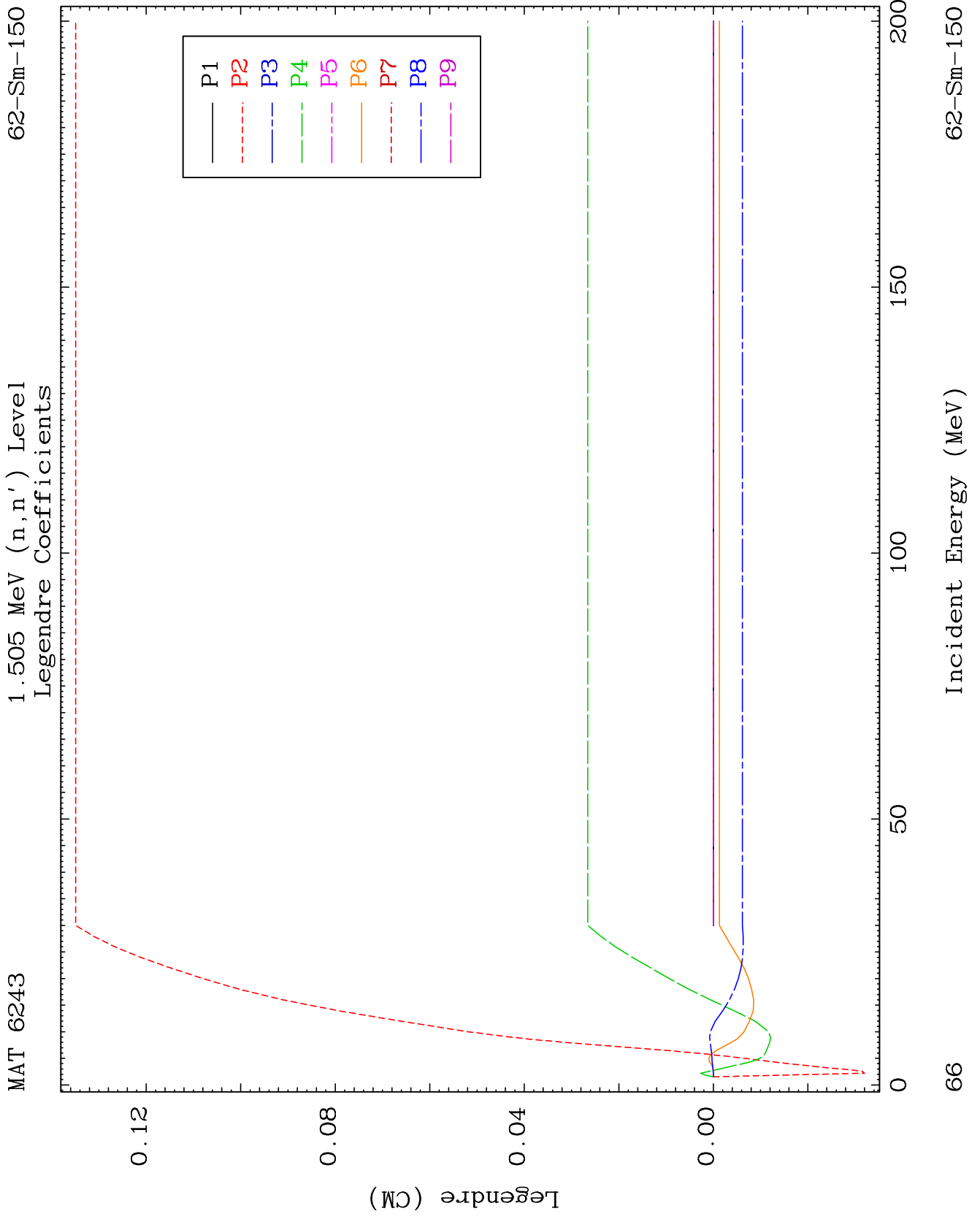


64

Incident Energy (MeV)

62-Sm-150

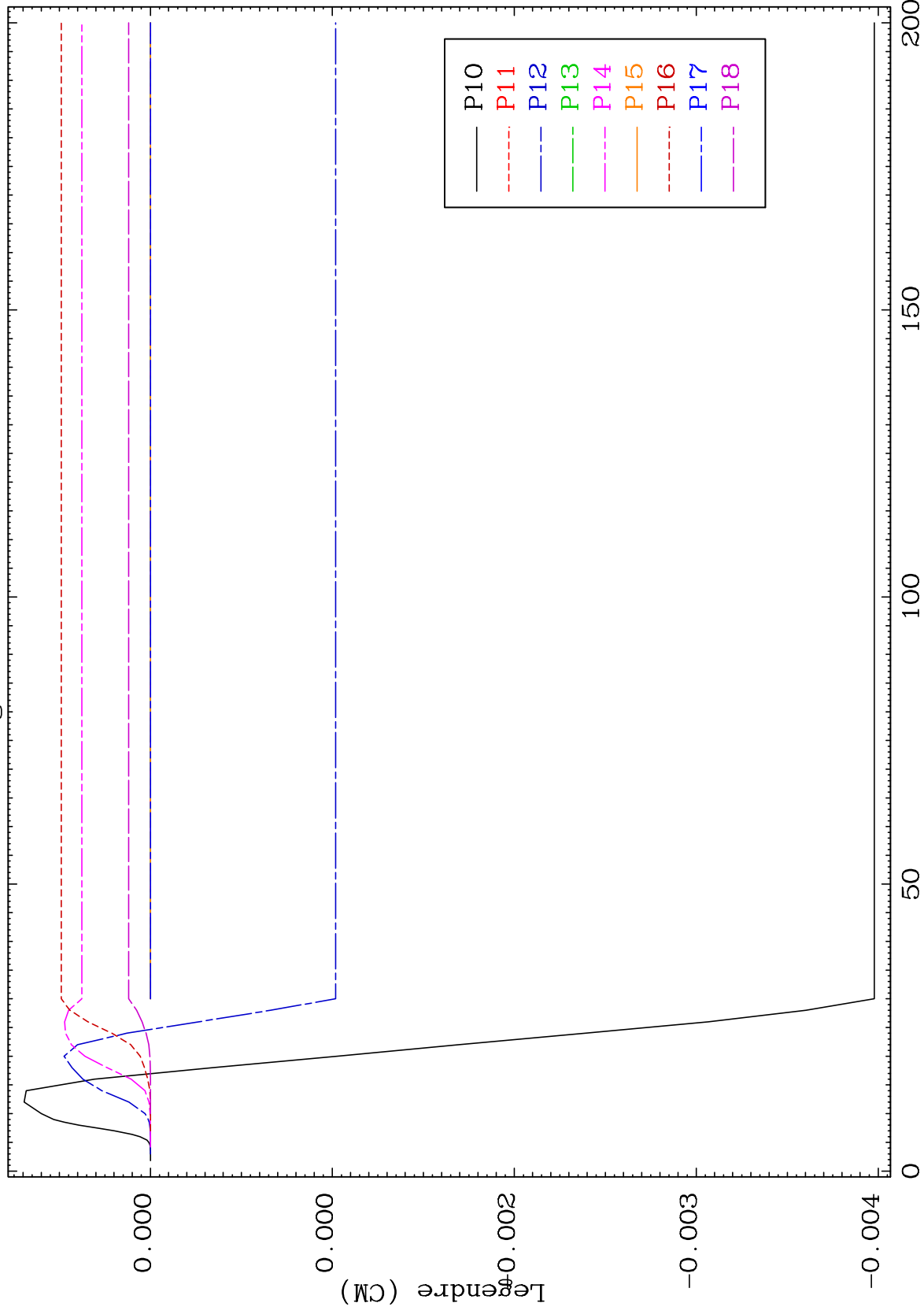




MAT 6243

1.505 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



67

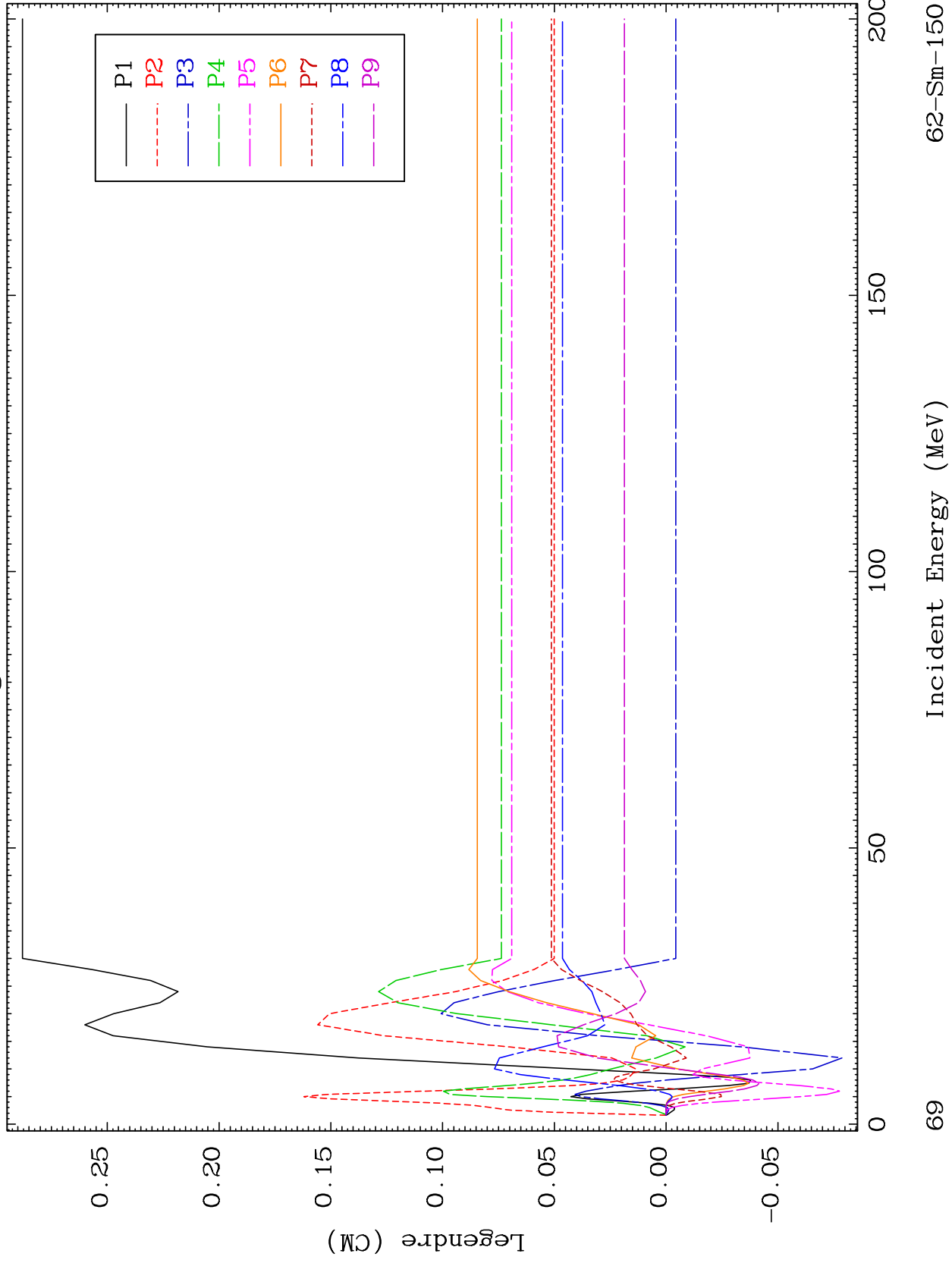
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.603 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



62-Sm-150

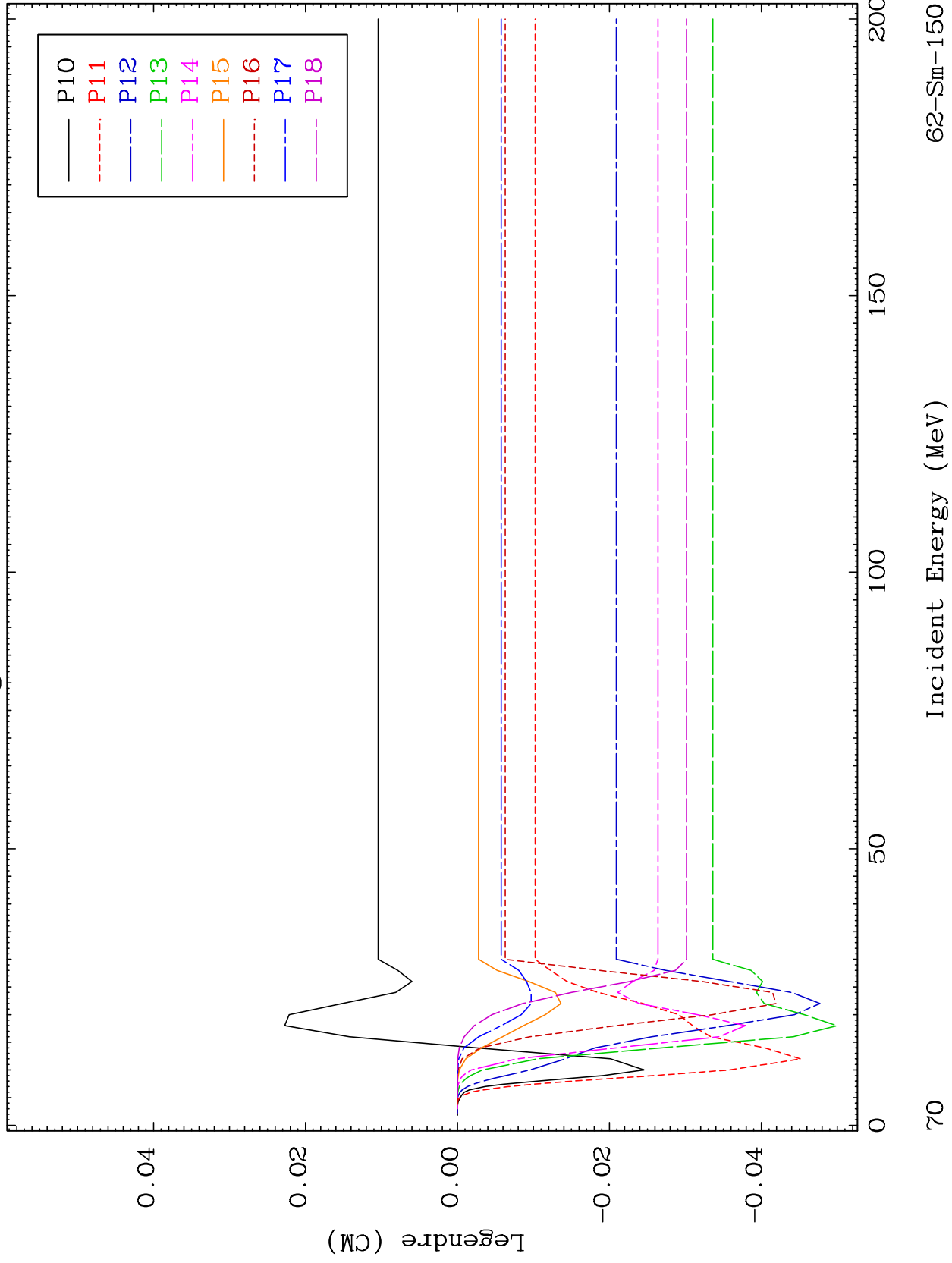
Incident Energy (MeV)

69

MAT 6243

1.603 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



62-Sm-150

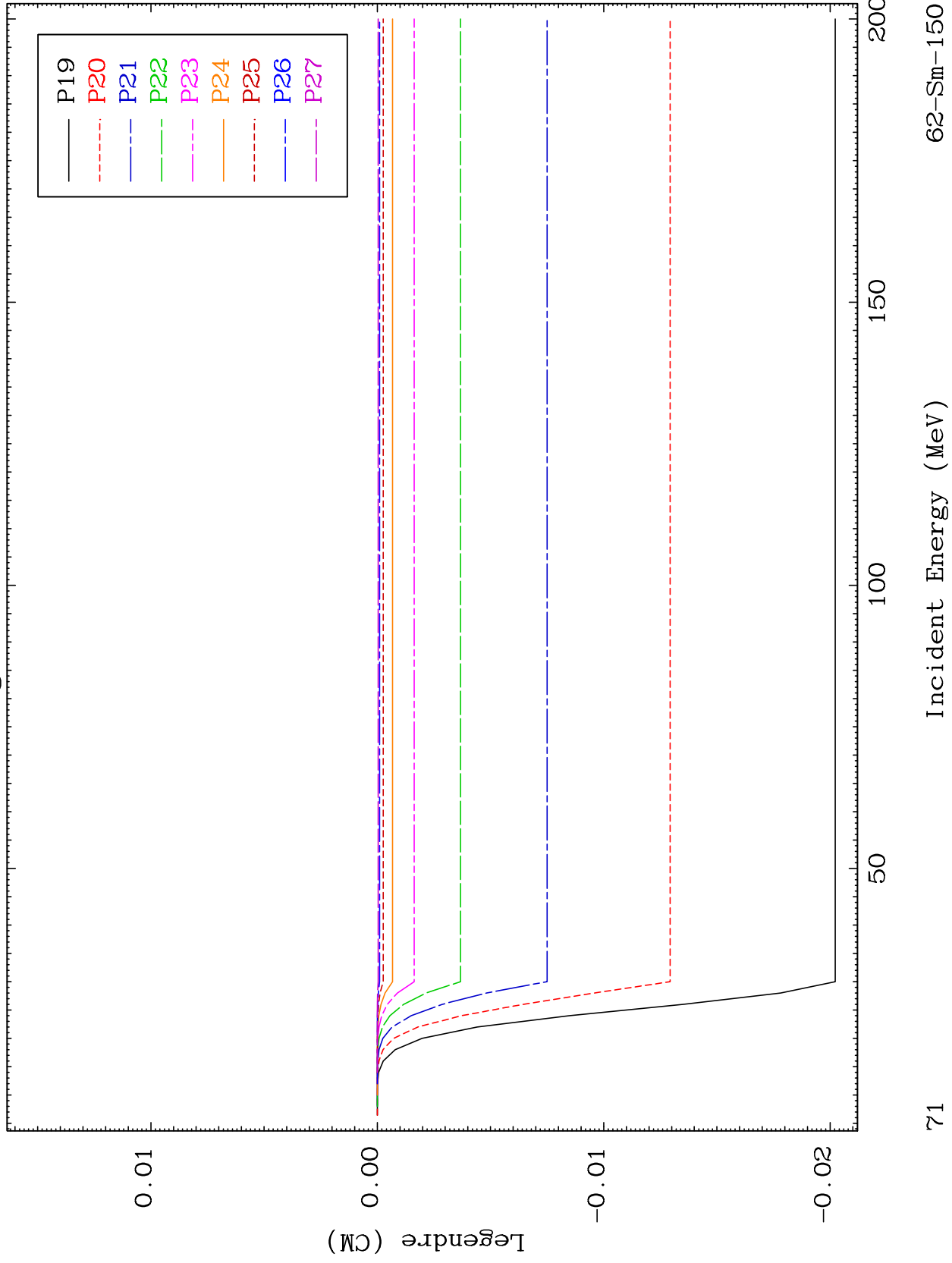
Incident Energy (MeV)

70

MAT 6243

1.603 MeV (n,n') Level
Legendre Coefficients

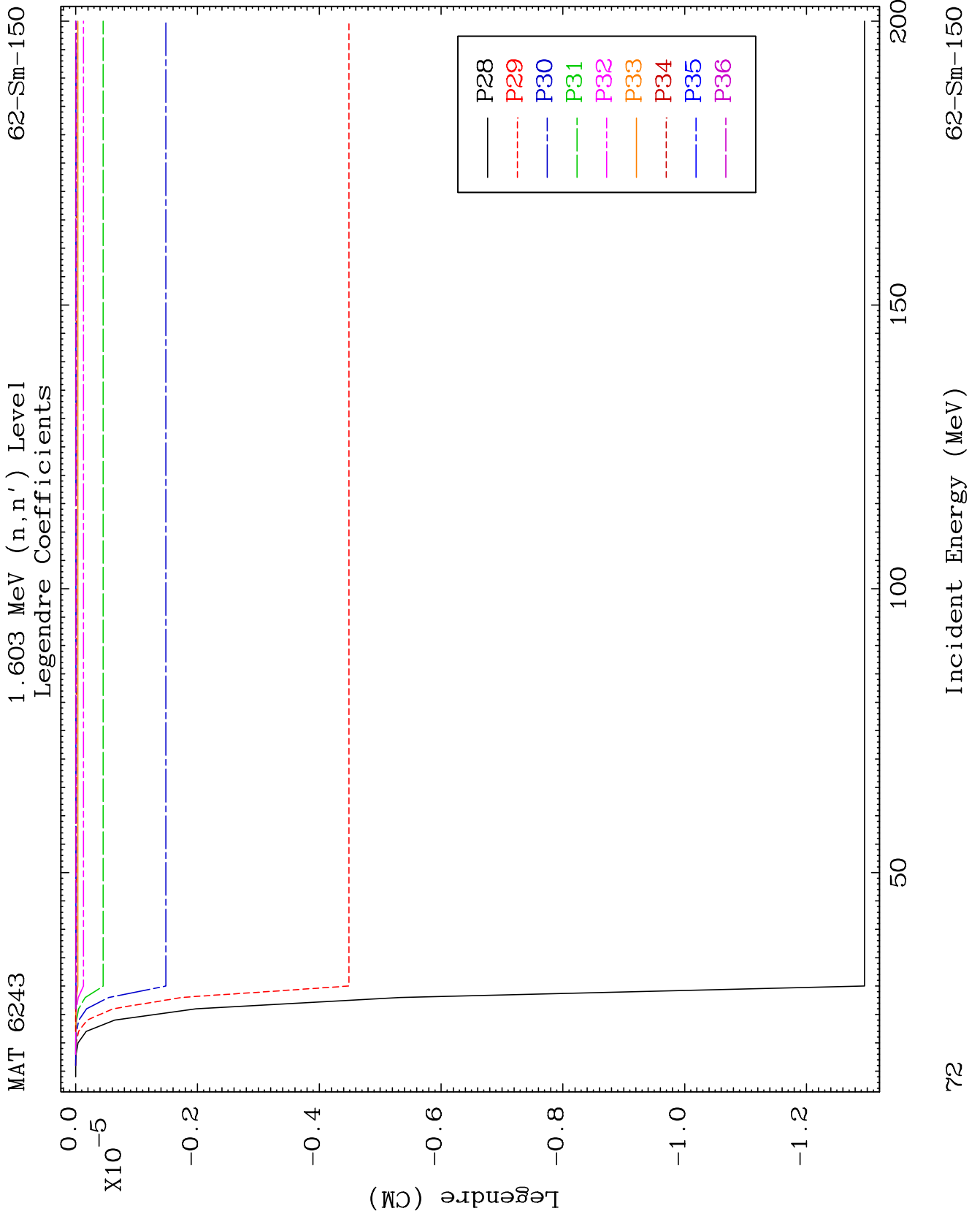
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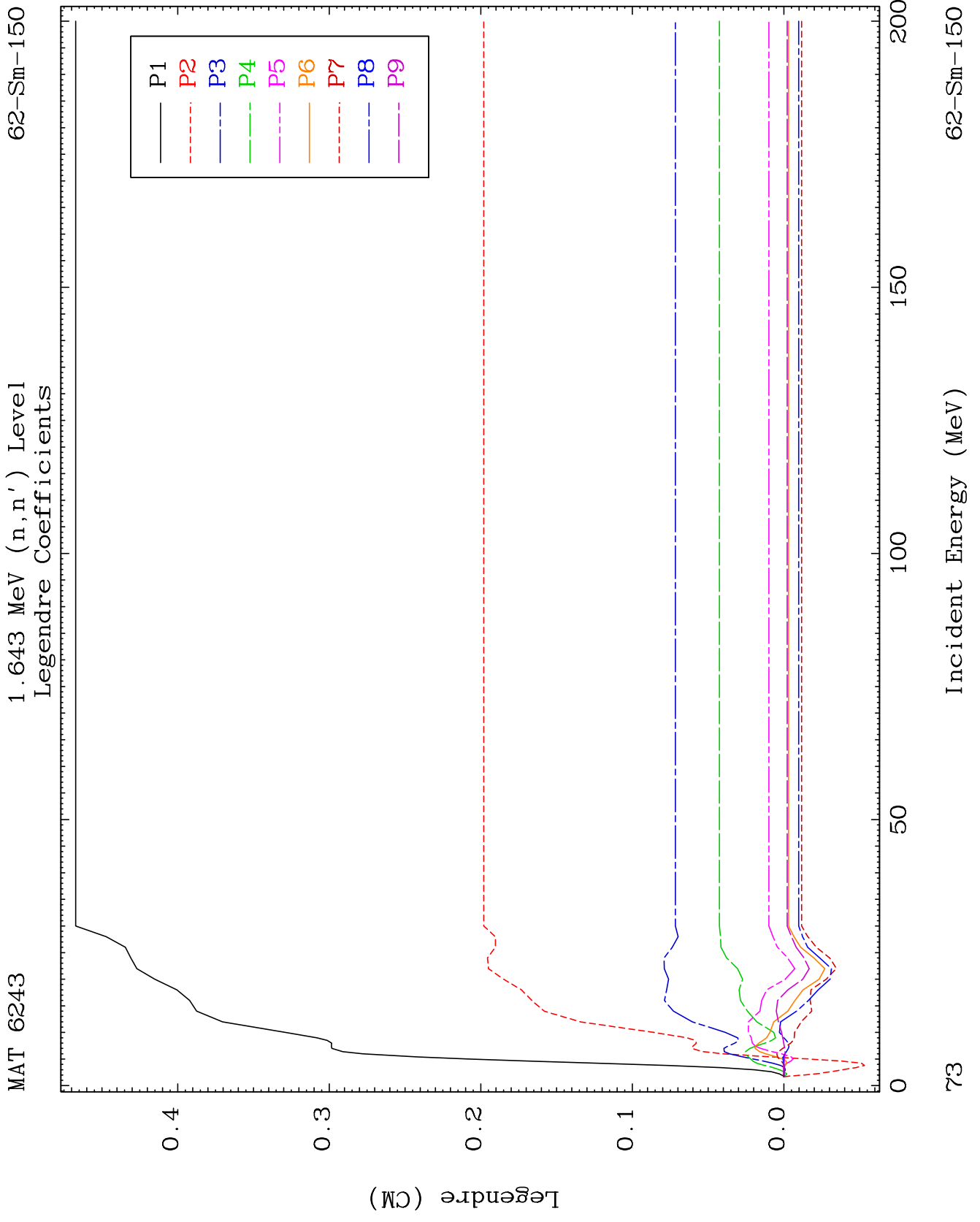


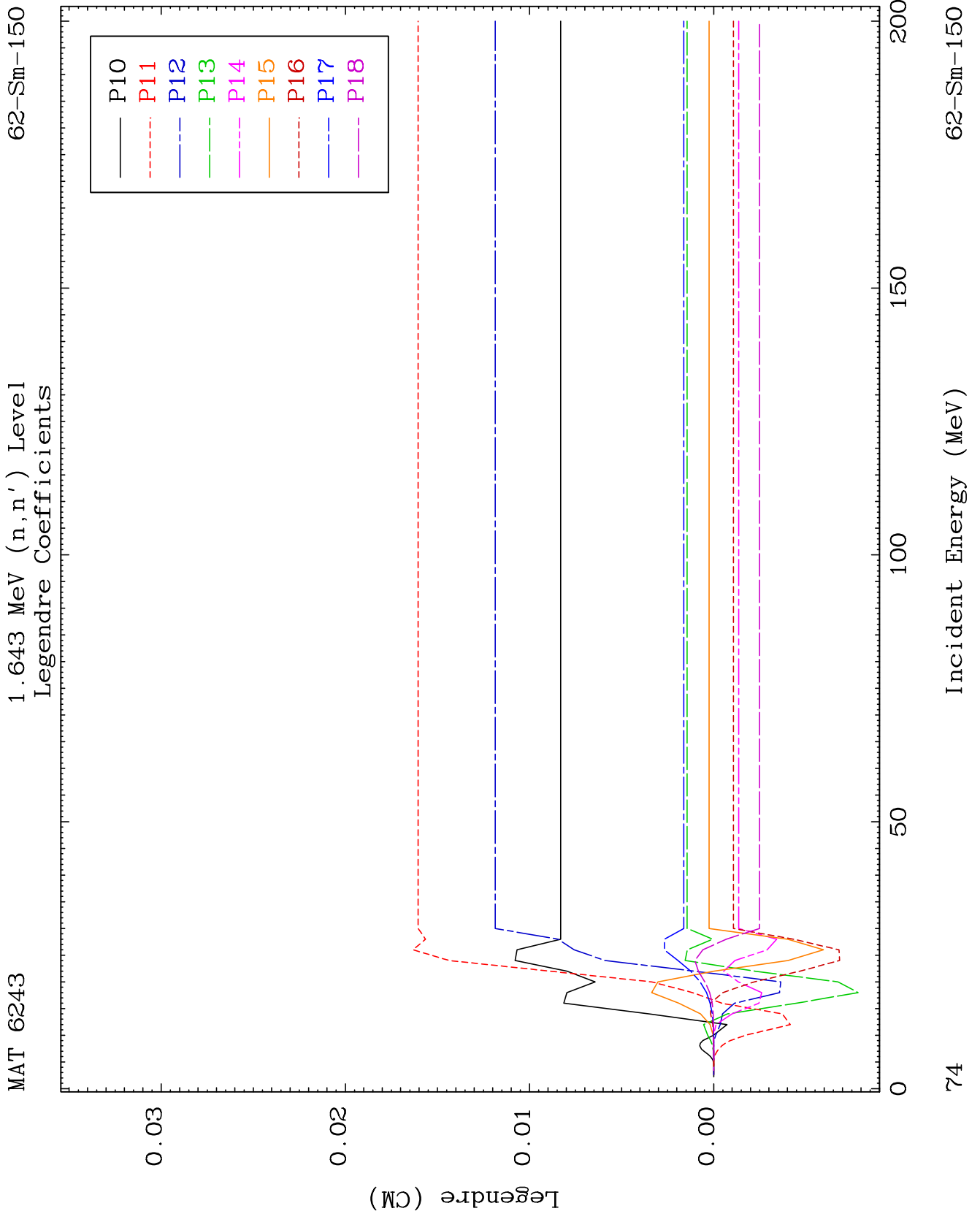
71

Incident Energy (MeV)

62-Sm-150



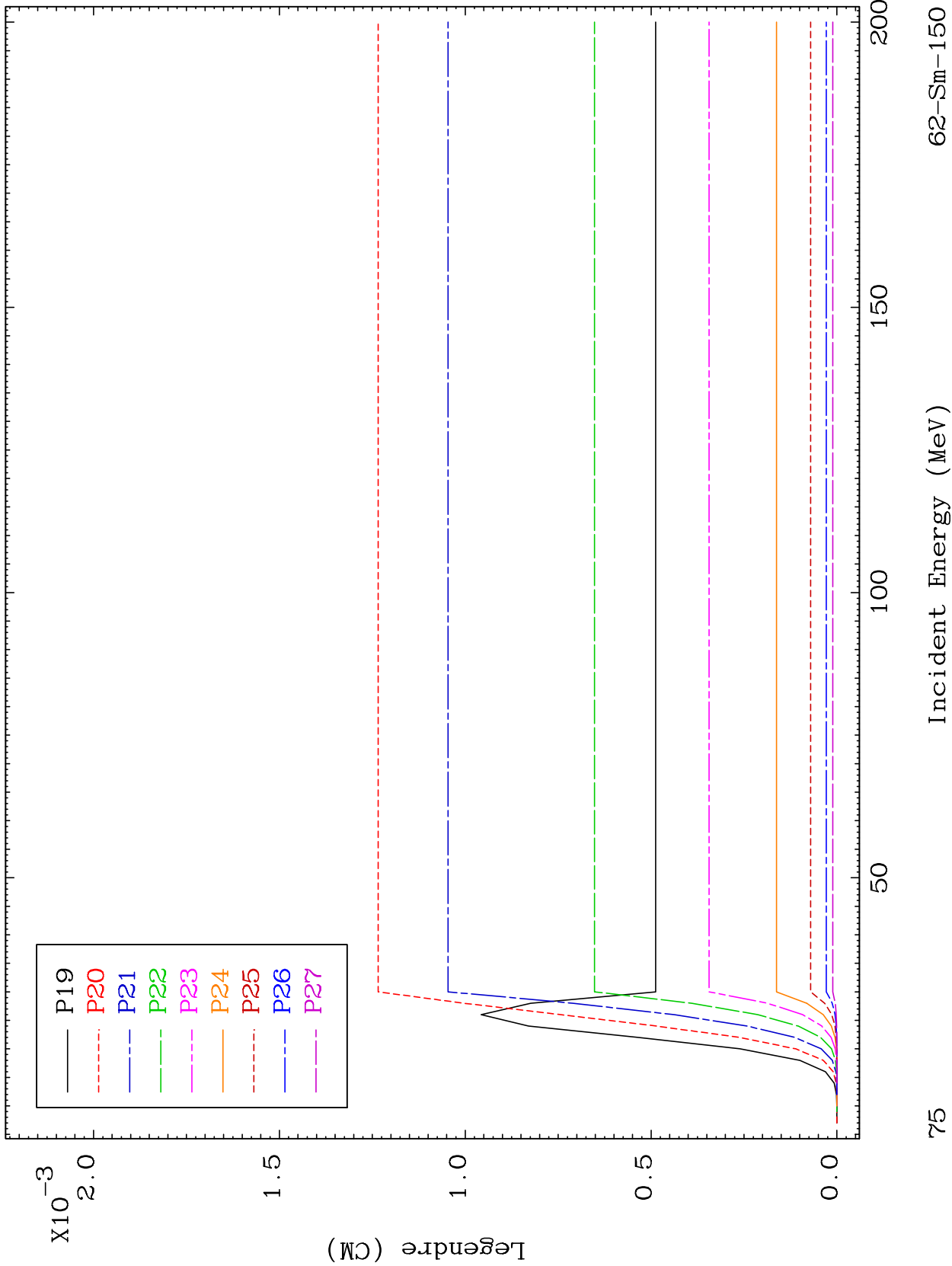


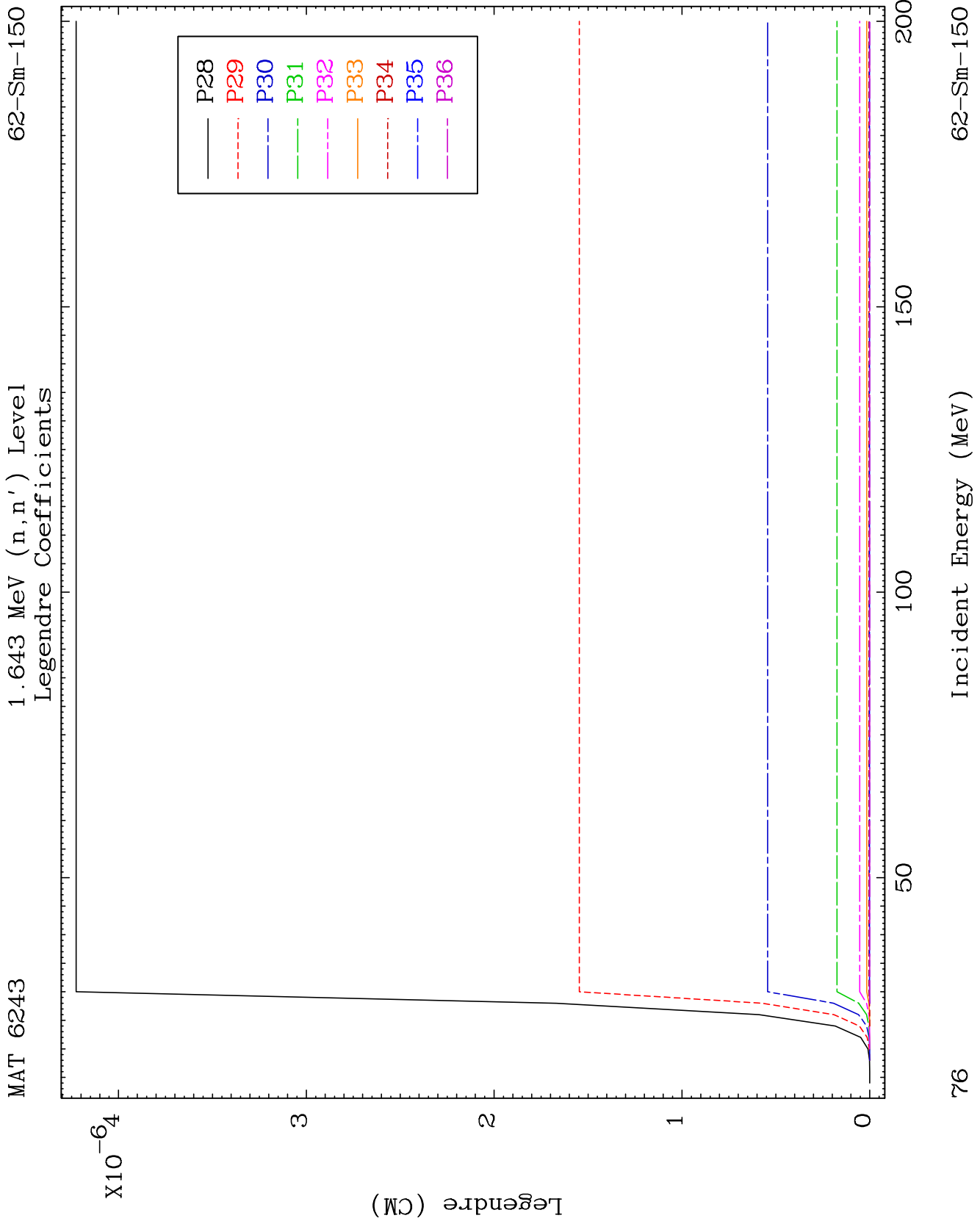


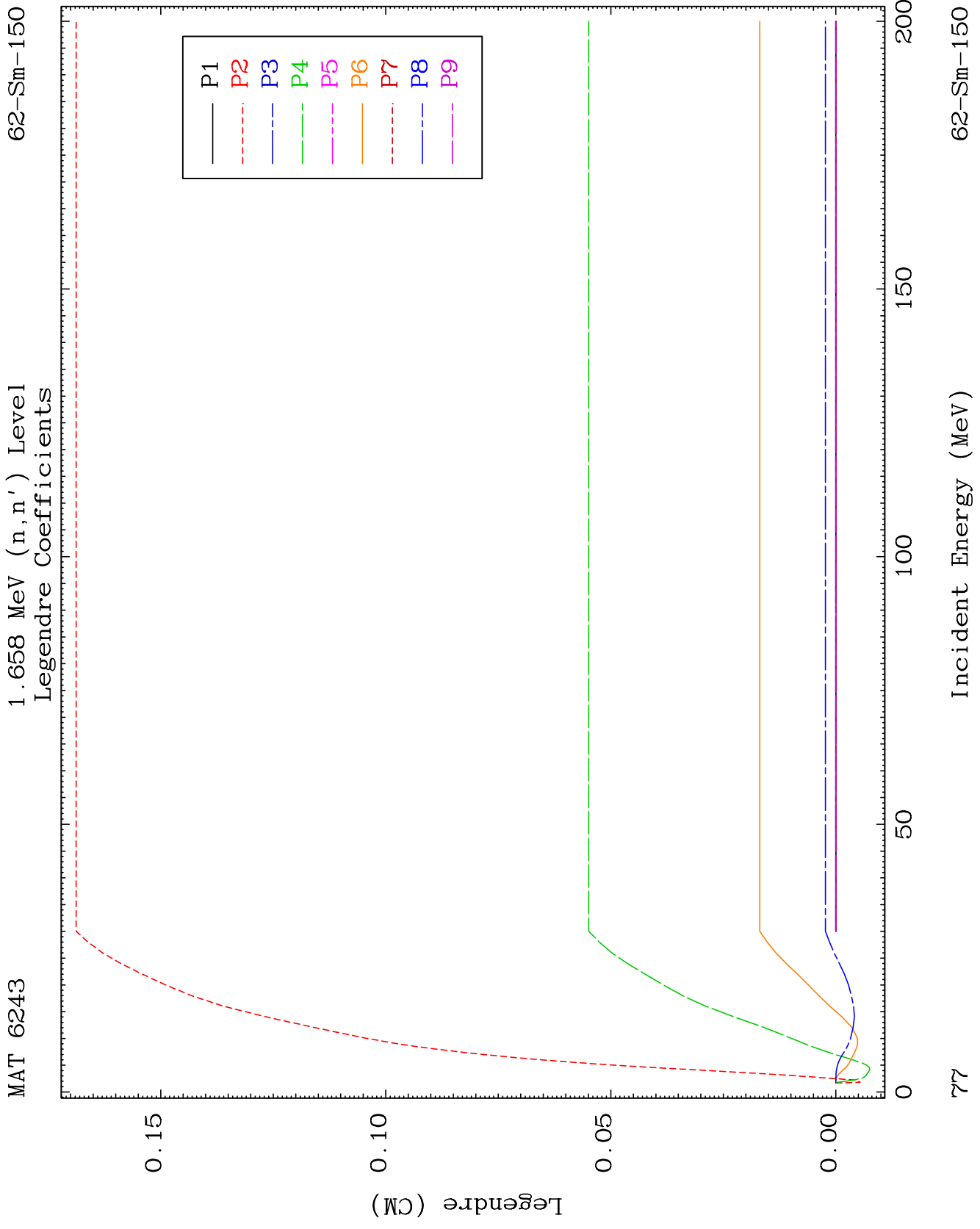
MAT 6243

1.643 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



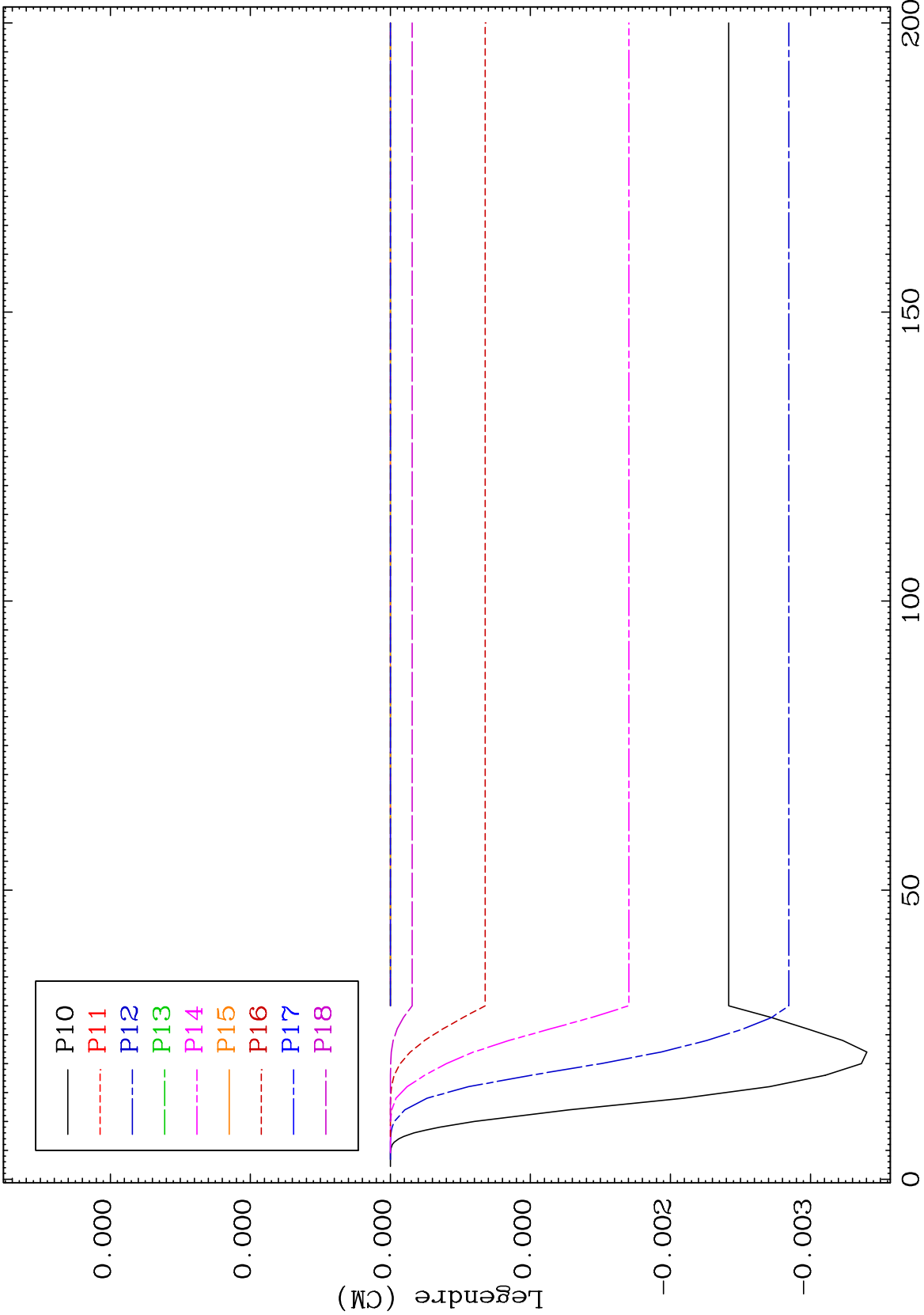




MAT 6243

1.658 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



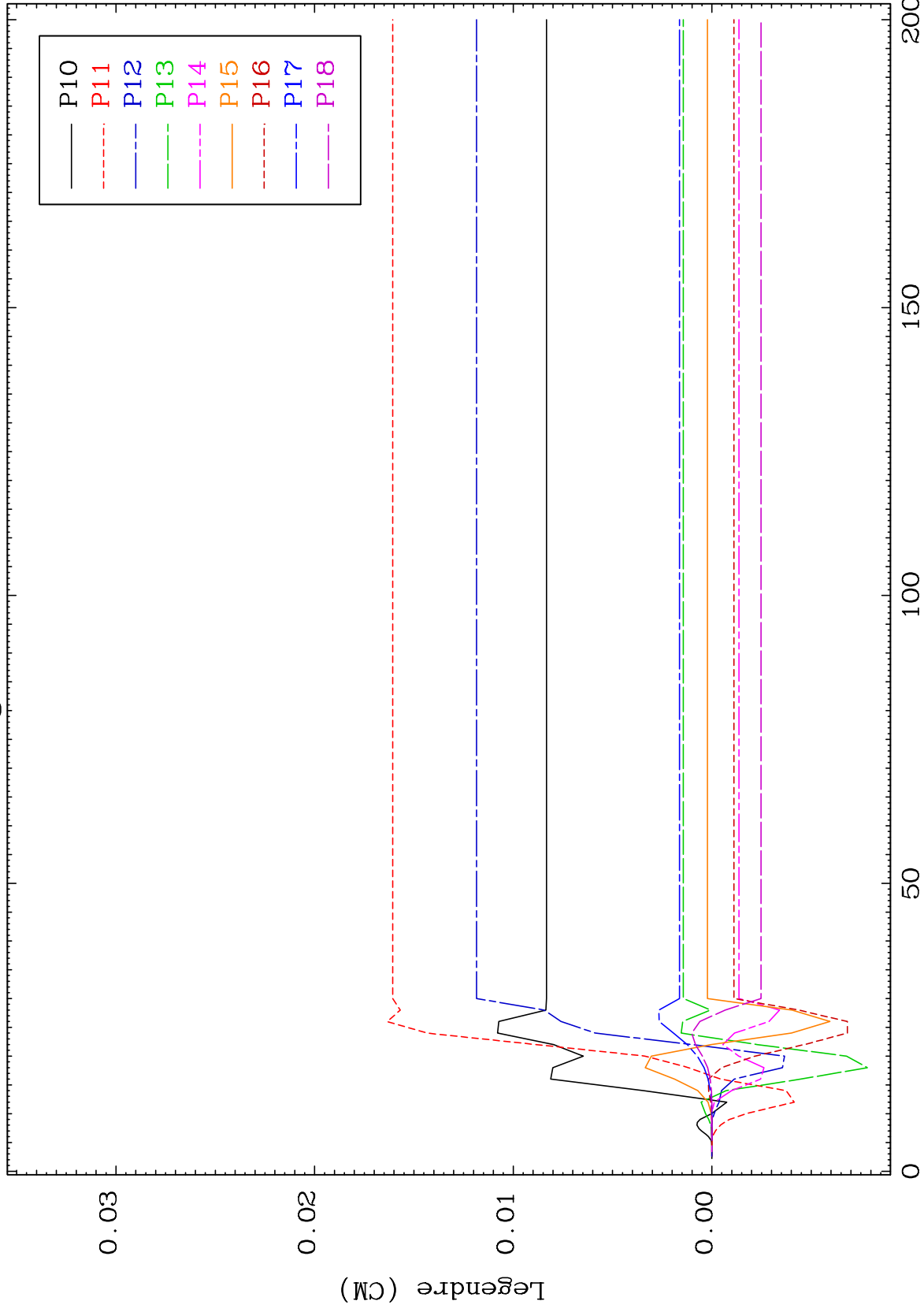
78

62-Sm-150

MAT 6243

1.673 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



81

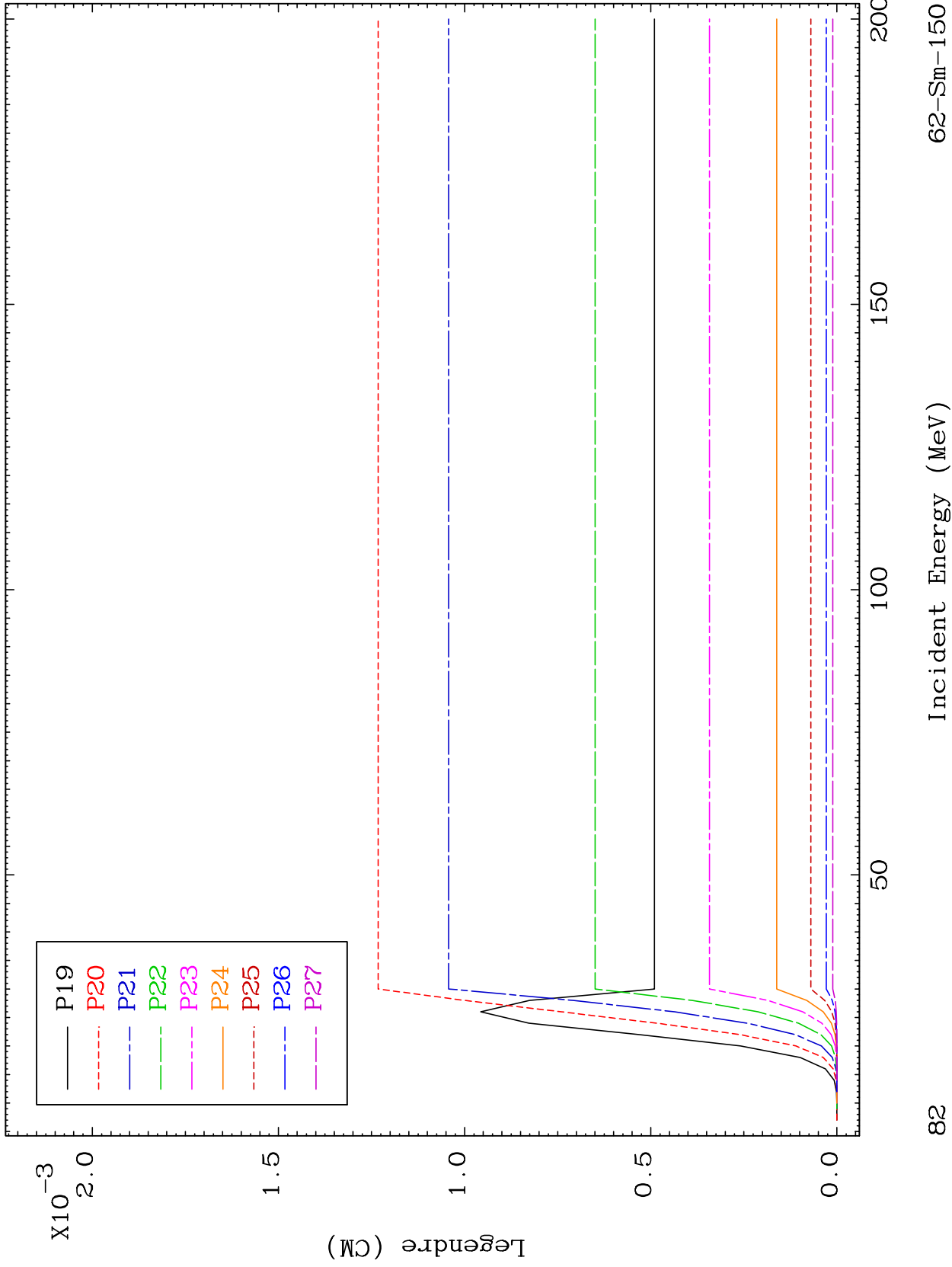
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.673 MeV (n, n') Level
Legendre Coefficients

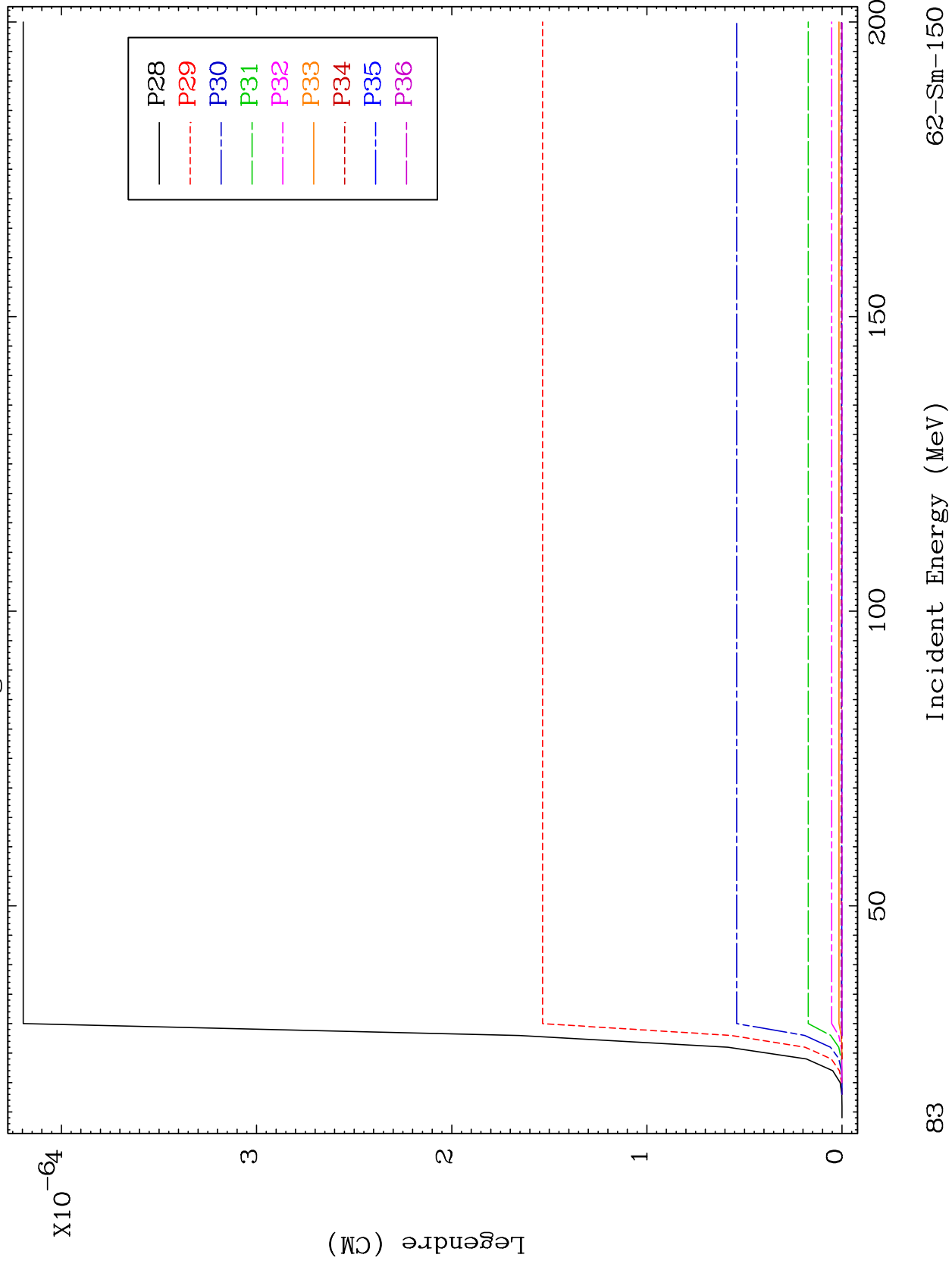
62-Sm-150



MAT 6243

1.673 MeV (n,n') Level
Legendre Coefficients

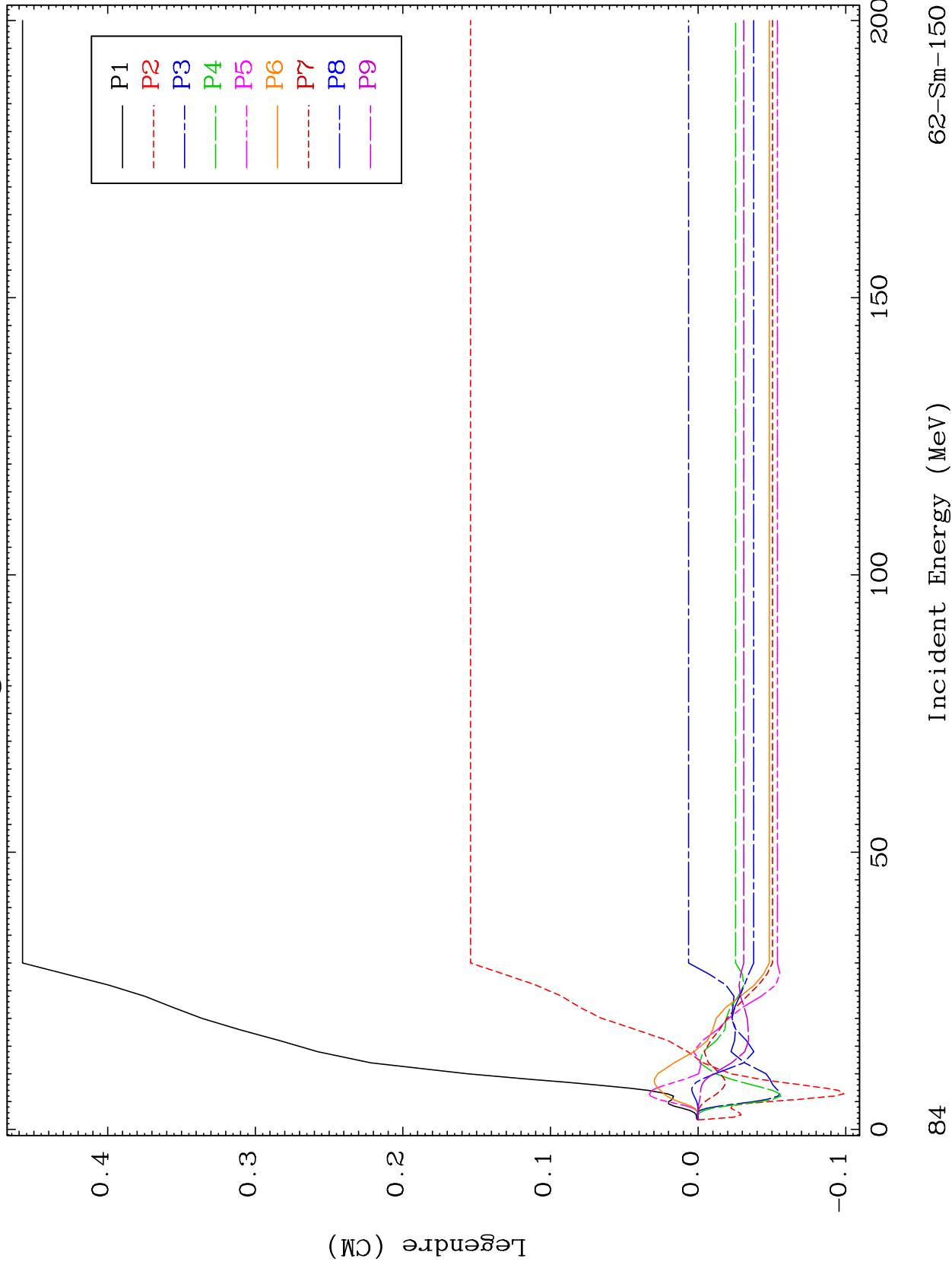
62-Sm-150



MAT 6243

1.684 MeV (n,n') Level
Legendre Coefficients

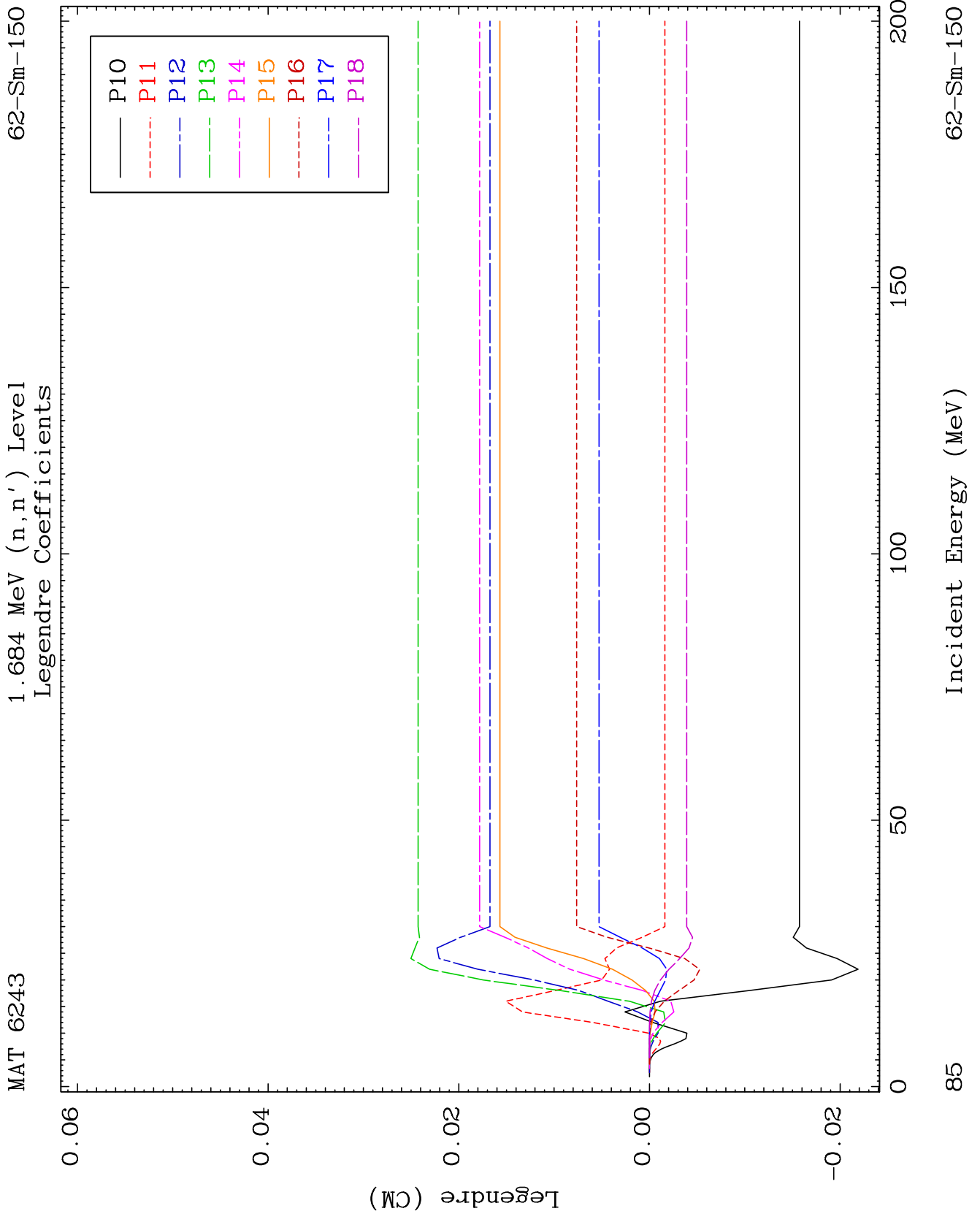
62-Sm-150

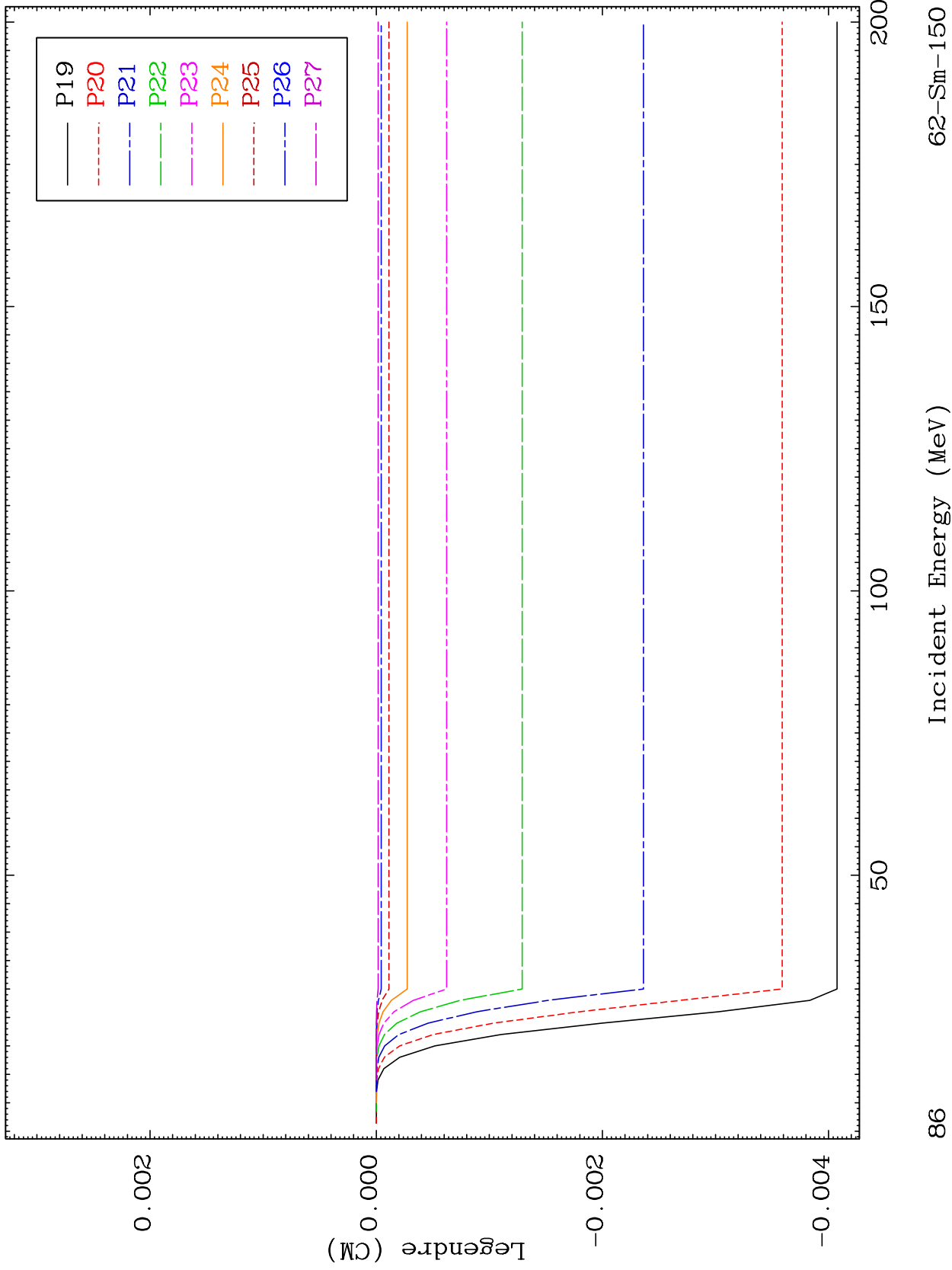


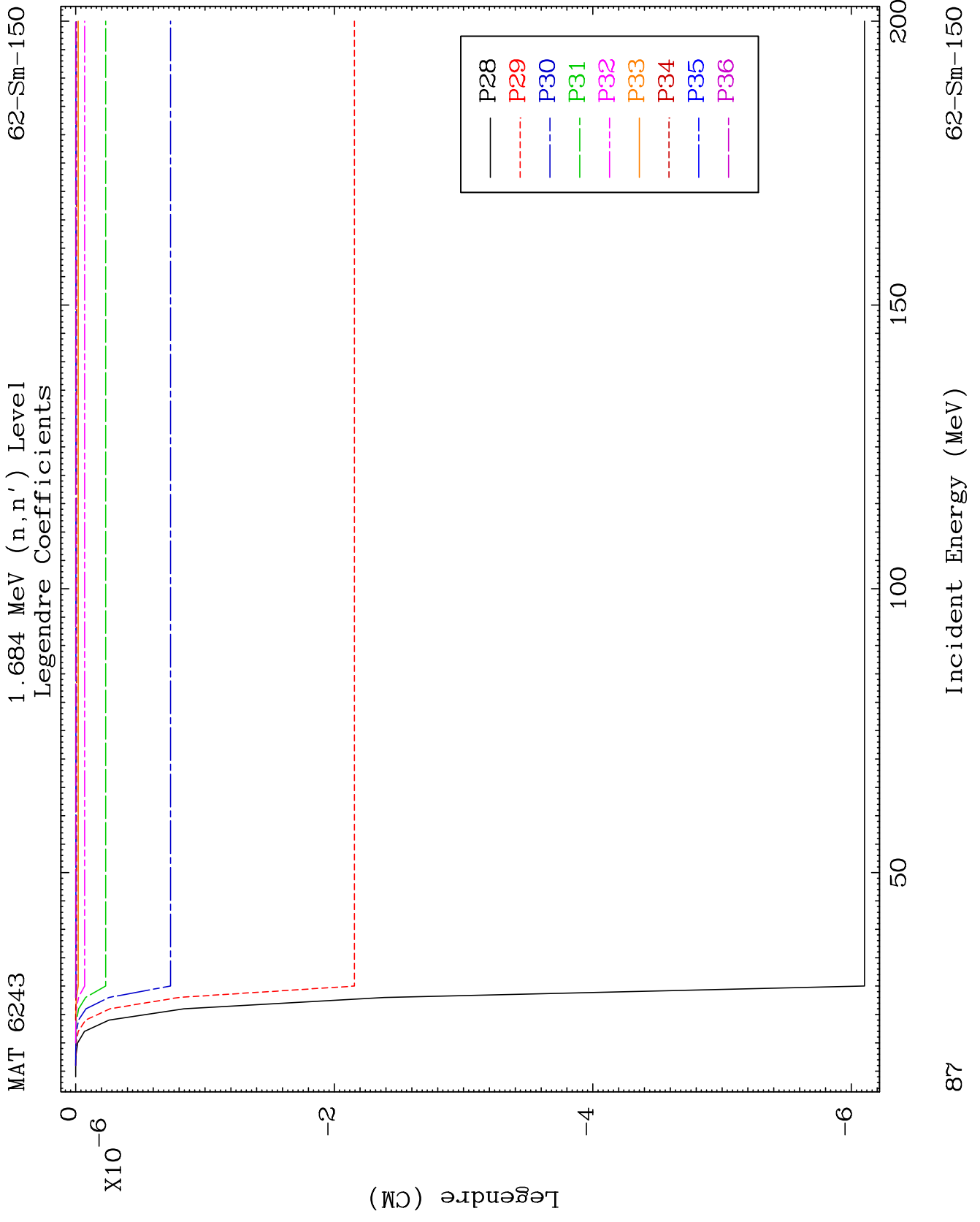
62-Sm-150

Incident Energy (MeV)

84



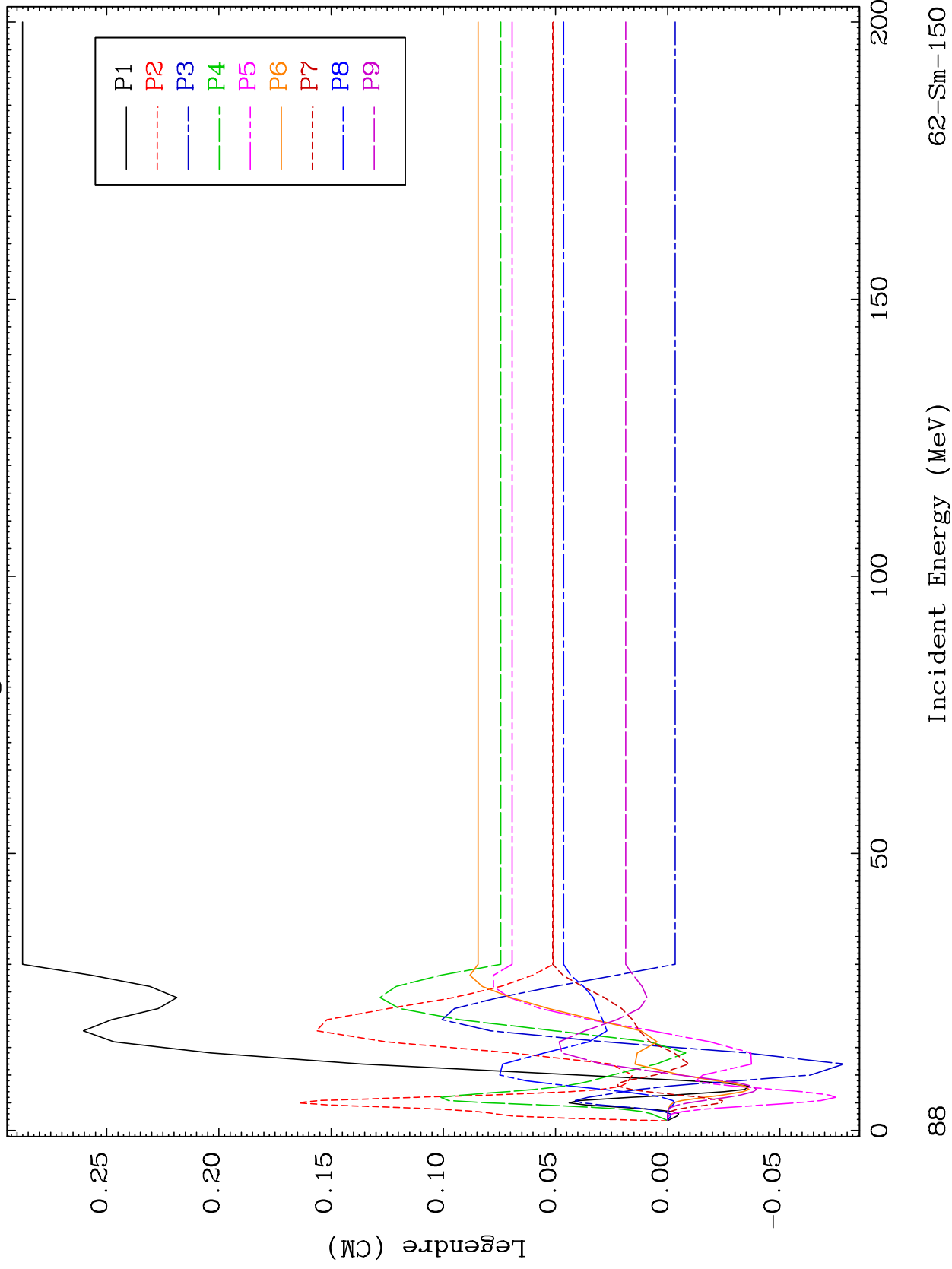




MAT 6243

1.714 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



62-Sm-150

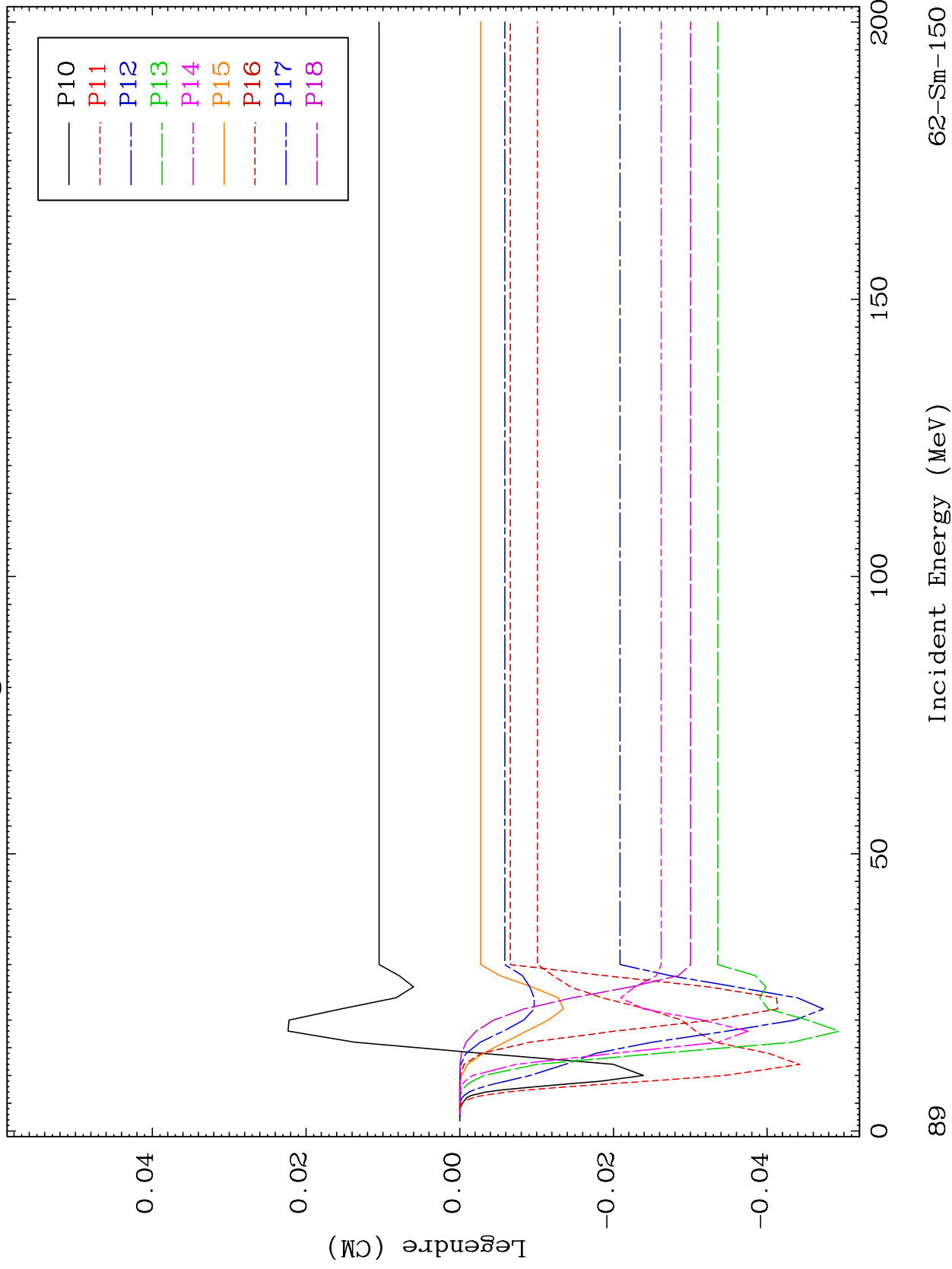
Incident Energy (MeV)

88

MAT 6243

1.714 MeV (n,n') Level
Legendre Coefficients

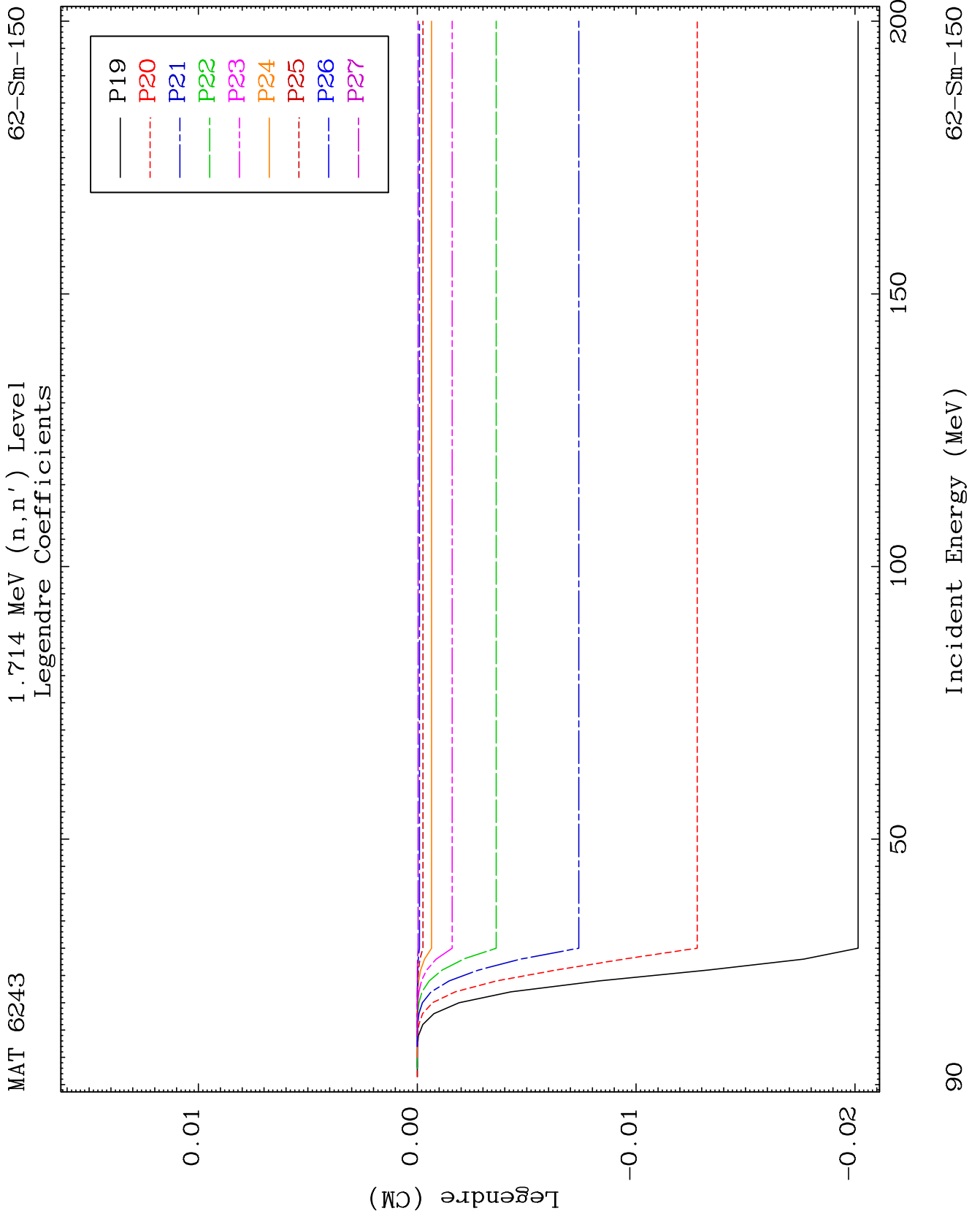
62-Sm-150

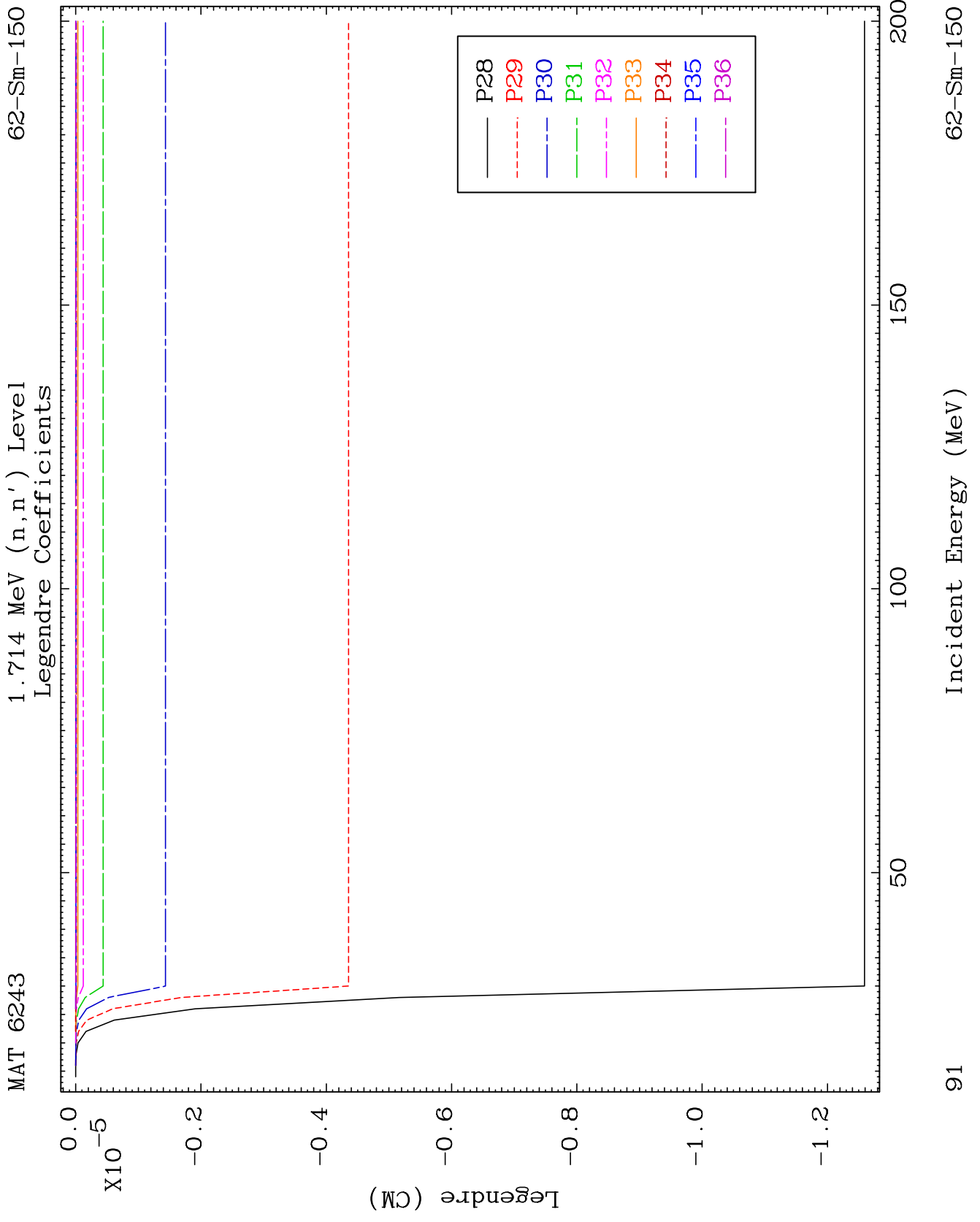


89

Incident Energy (MeV)

62-Sm-150

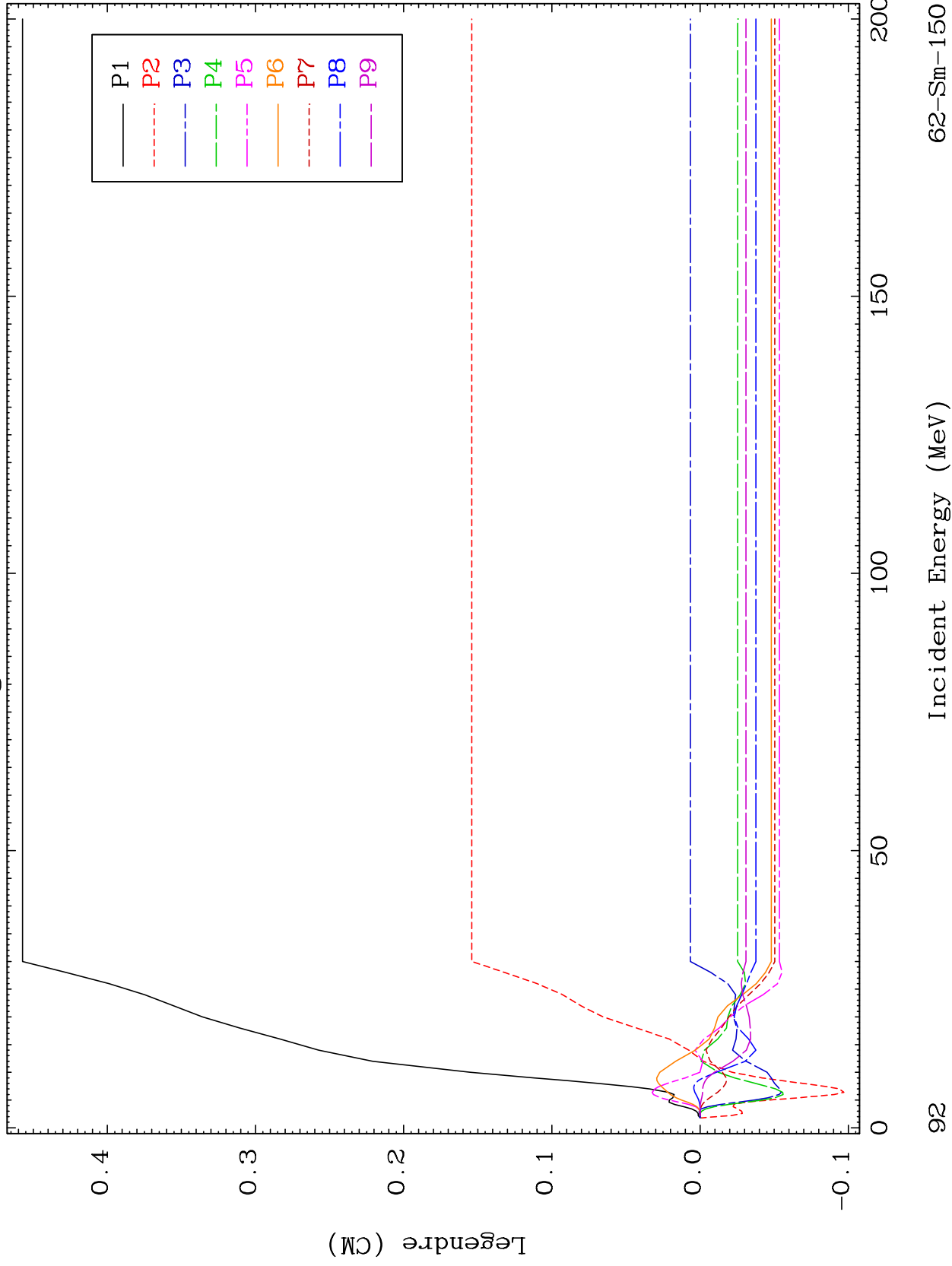




MAT 6243

1.760 MeV (n,n') Level
Legendre Coefficients

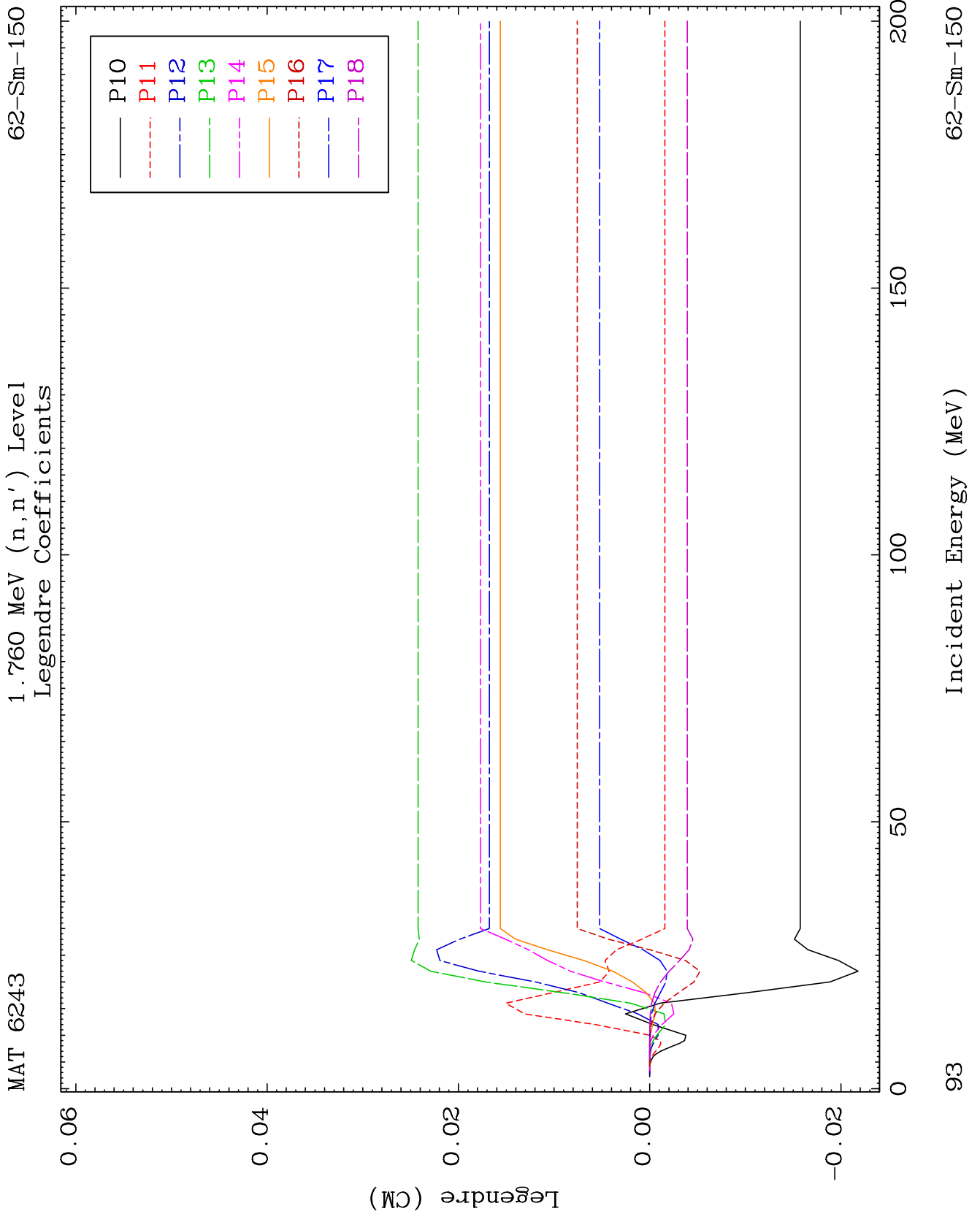
62-Sm-150



62-Sm-150

Incident Energy (MeV)

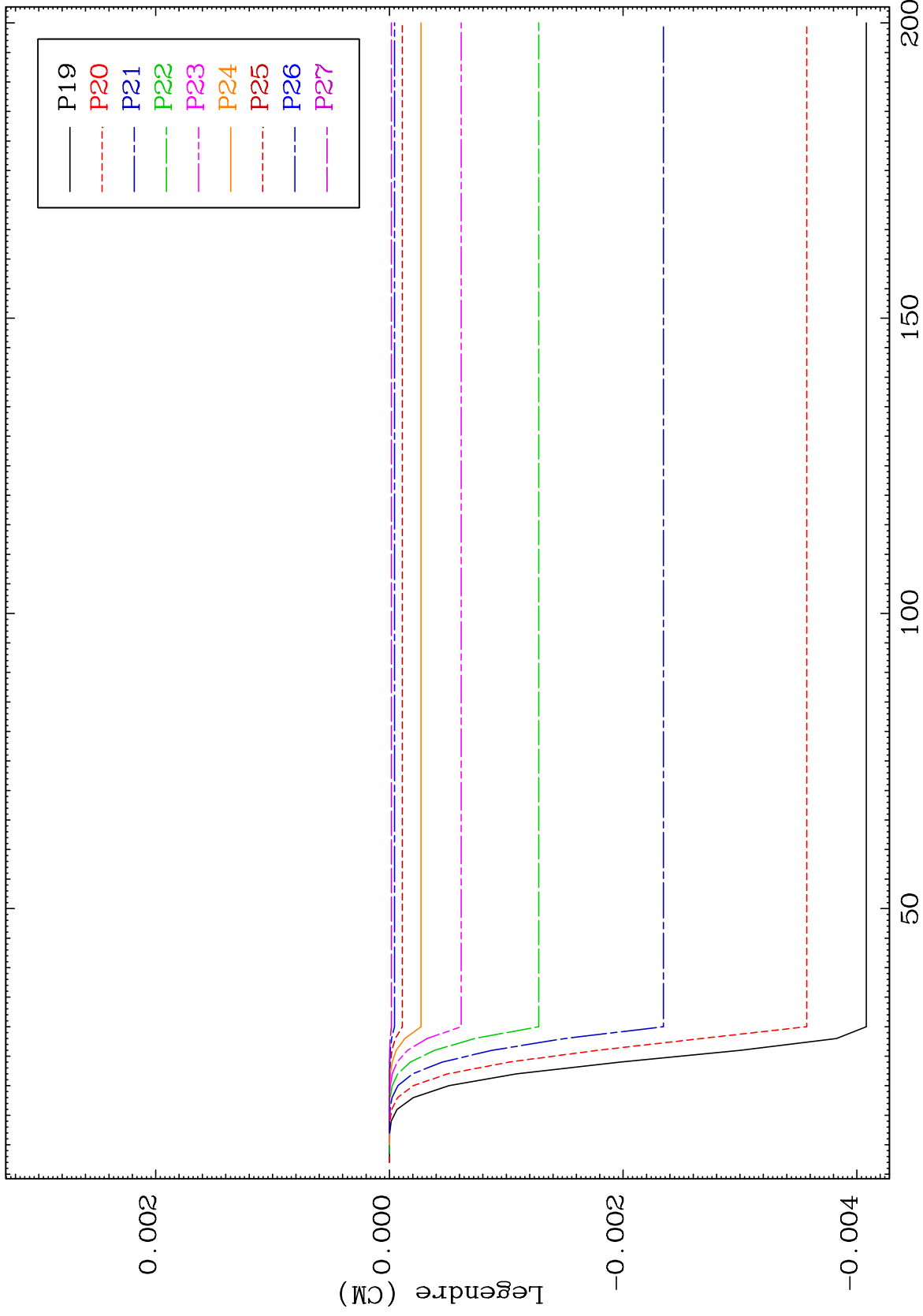
92



MAT 6243

1.760 MeV (n,n') Level
Legendre Coefficients

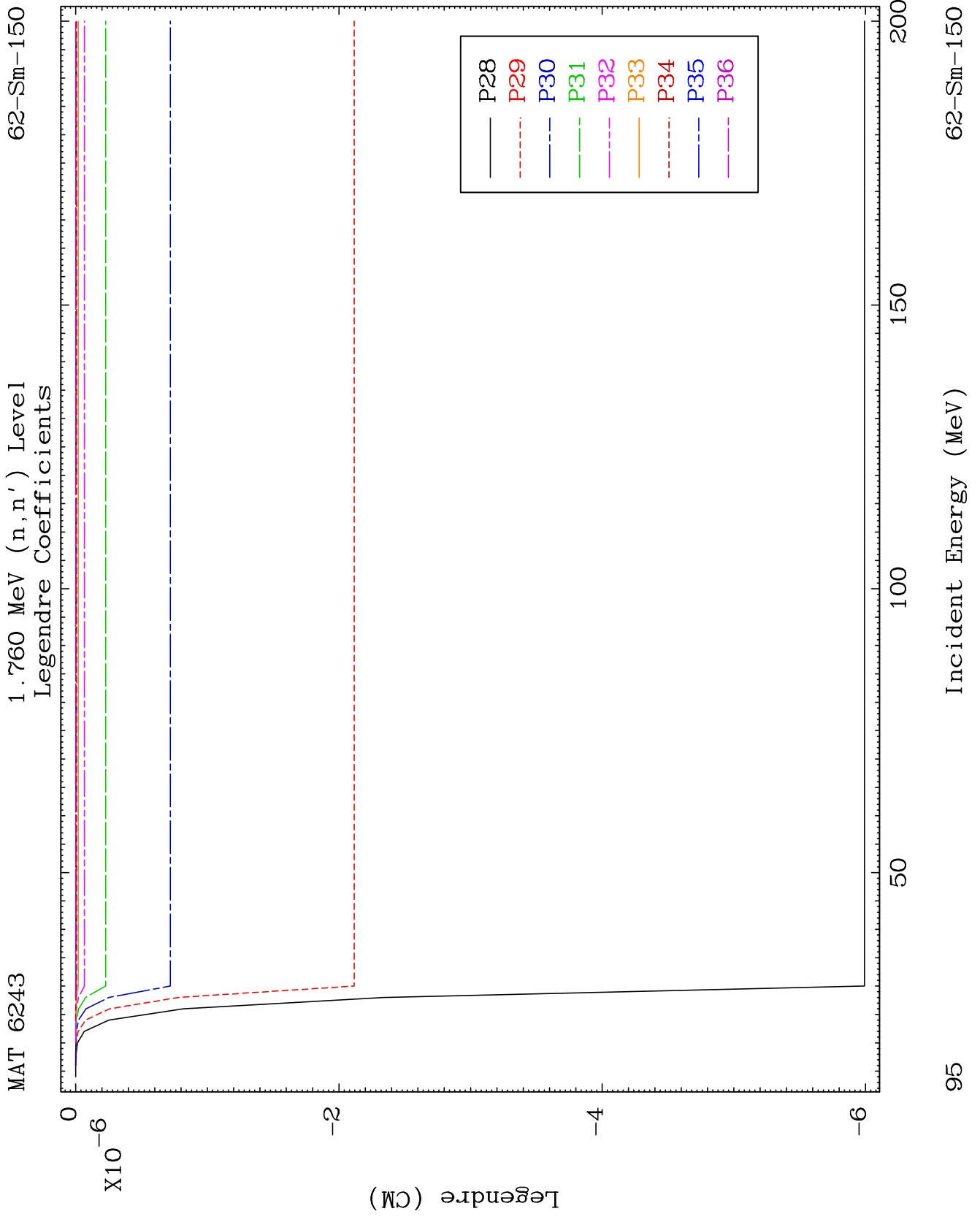
62-Sm-150

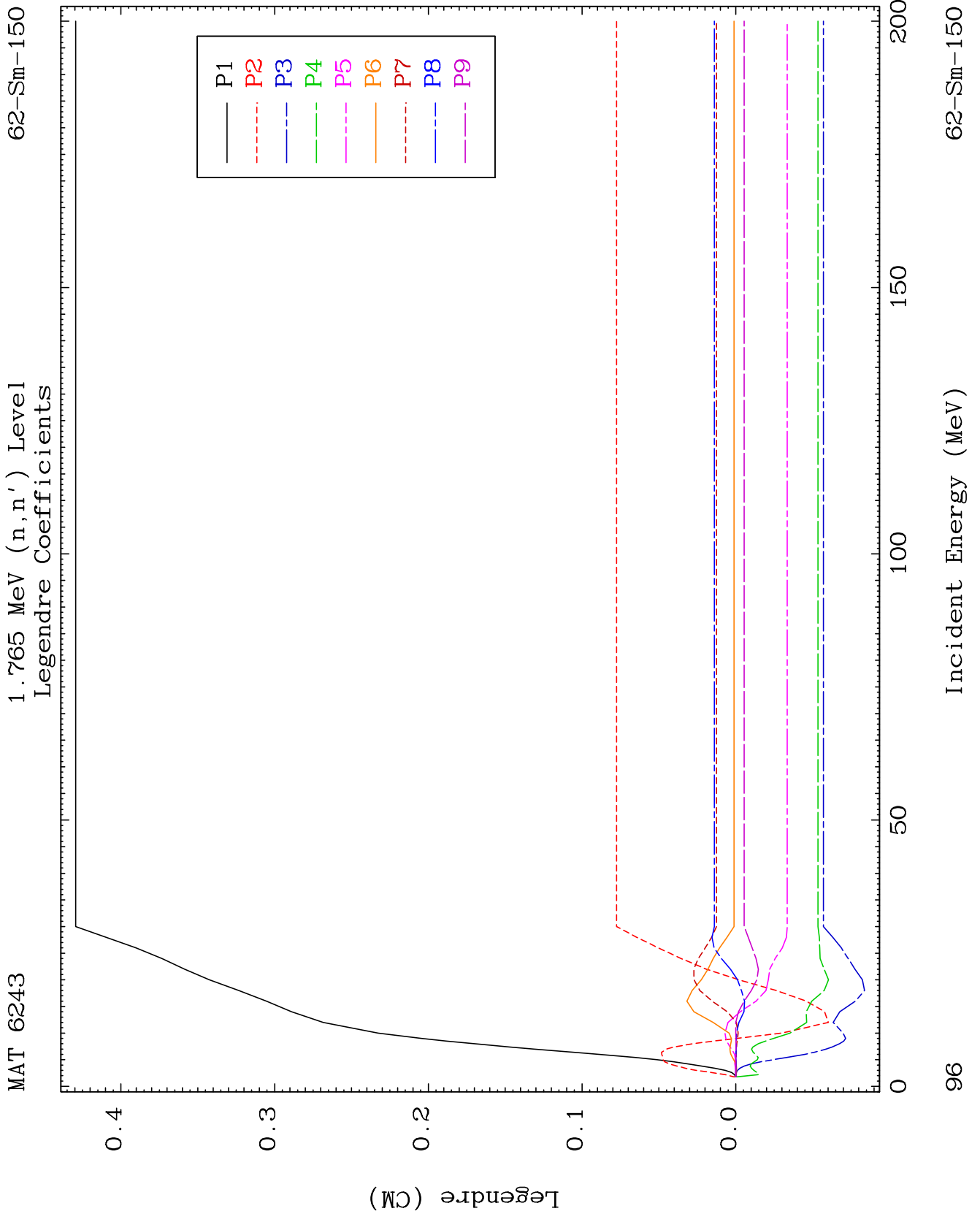


94

Incident Energy (MeV)

62-Sm-150

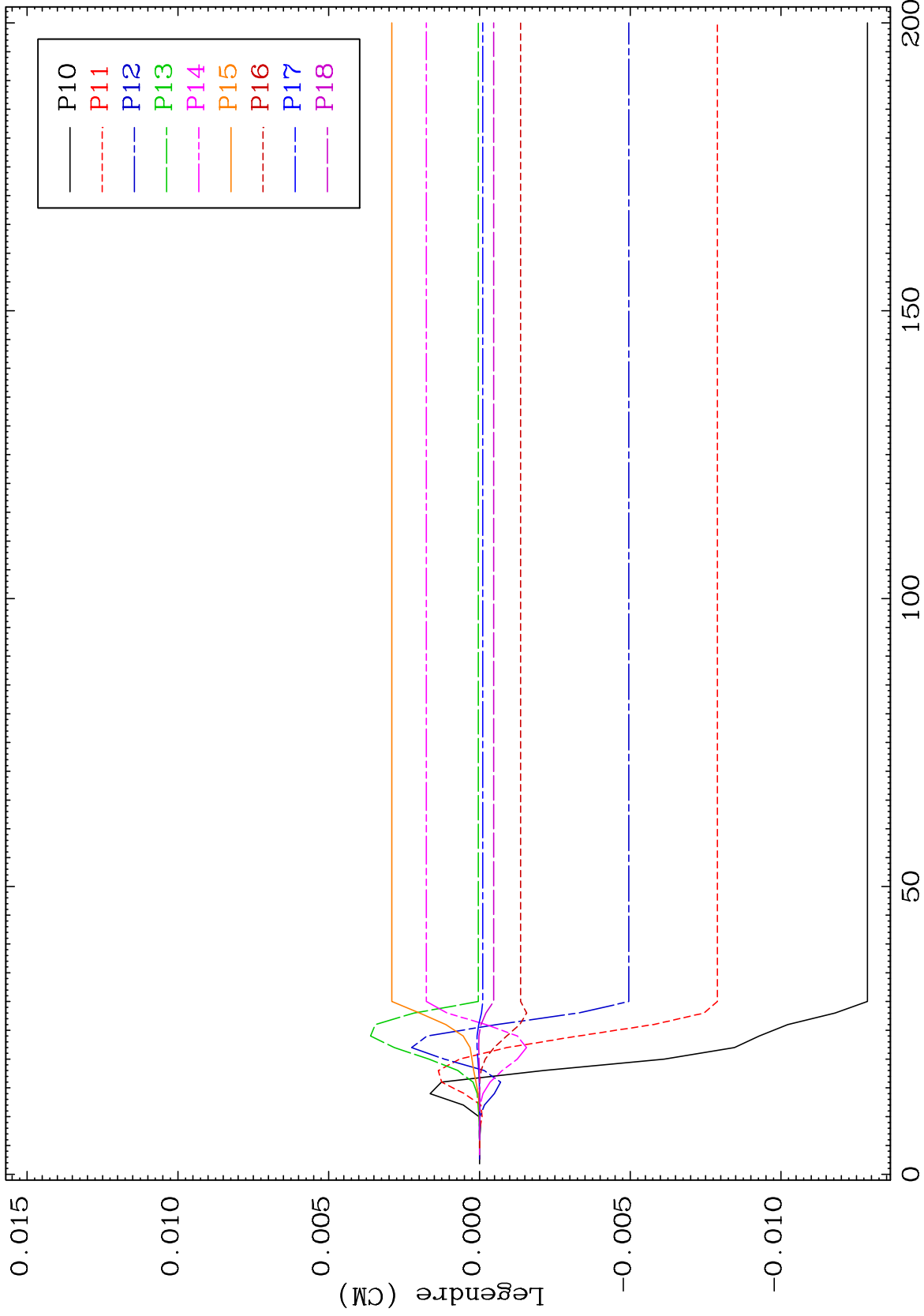




MAT 6243

1.765 MeV (n,n') Level
Legendre Coefficients

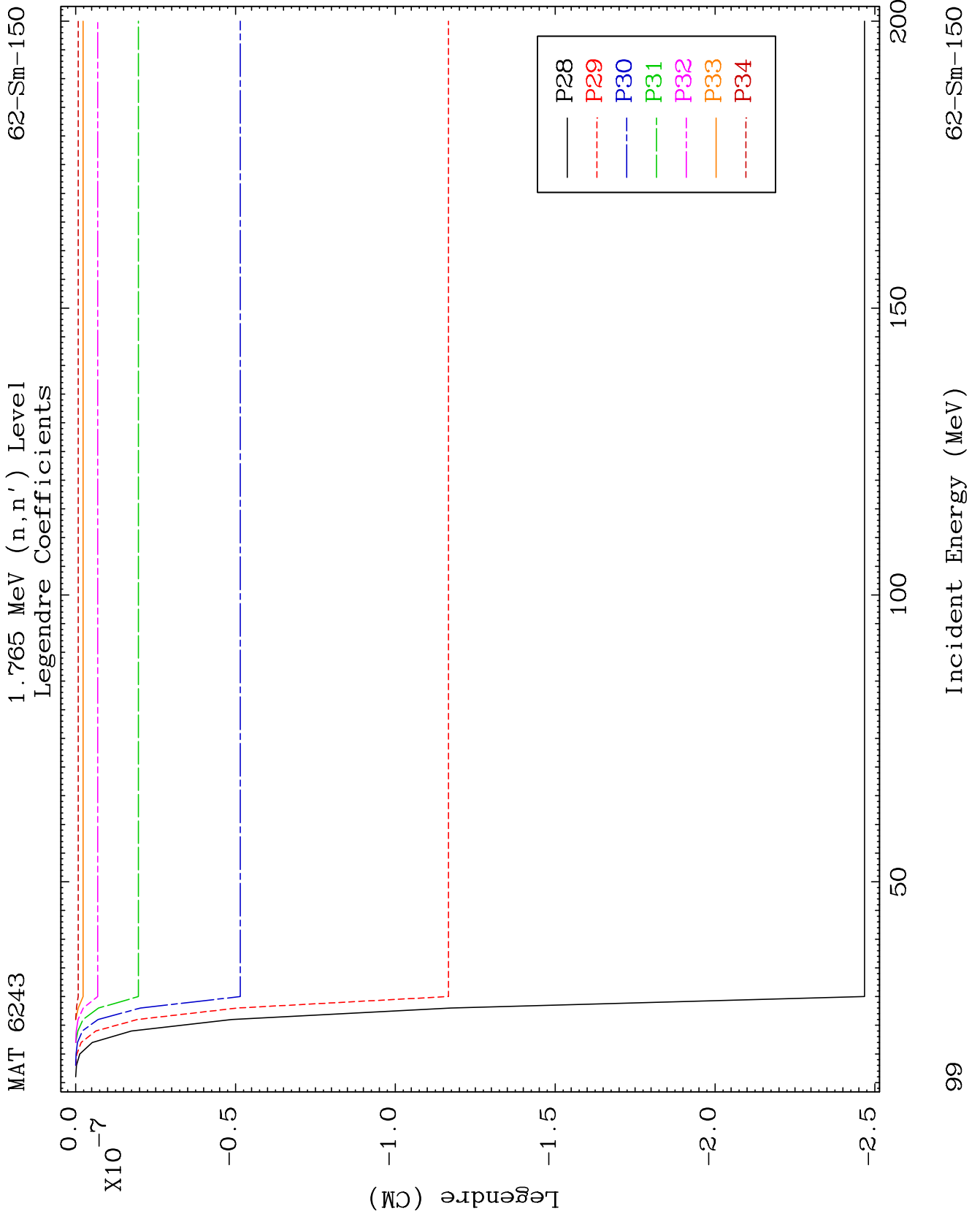
62-Sm-150



97

Incident Energy (MeV)

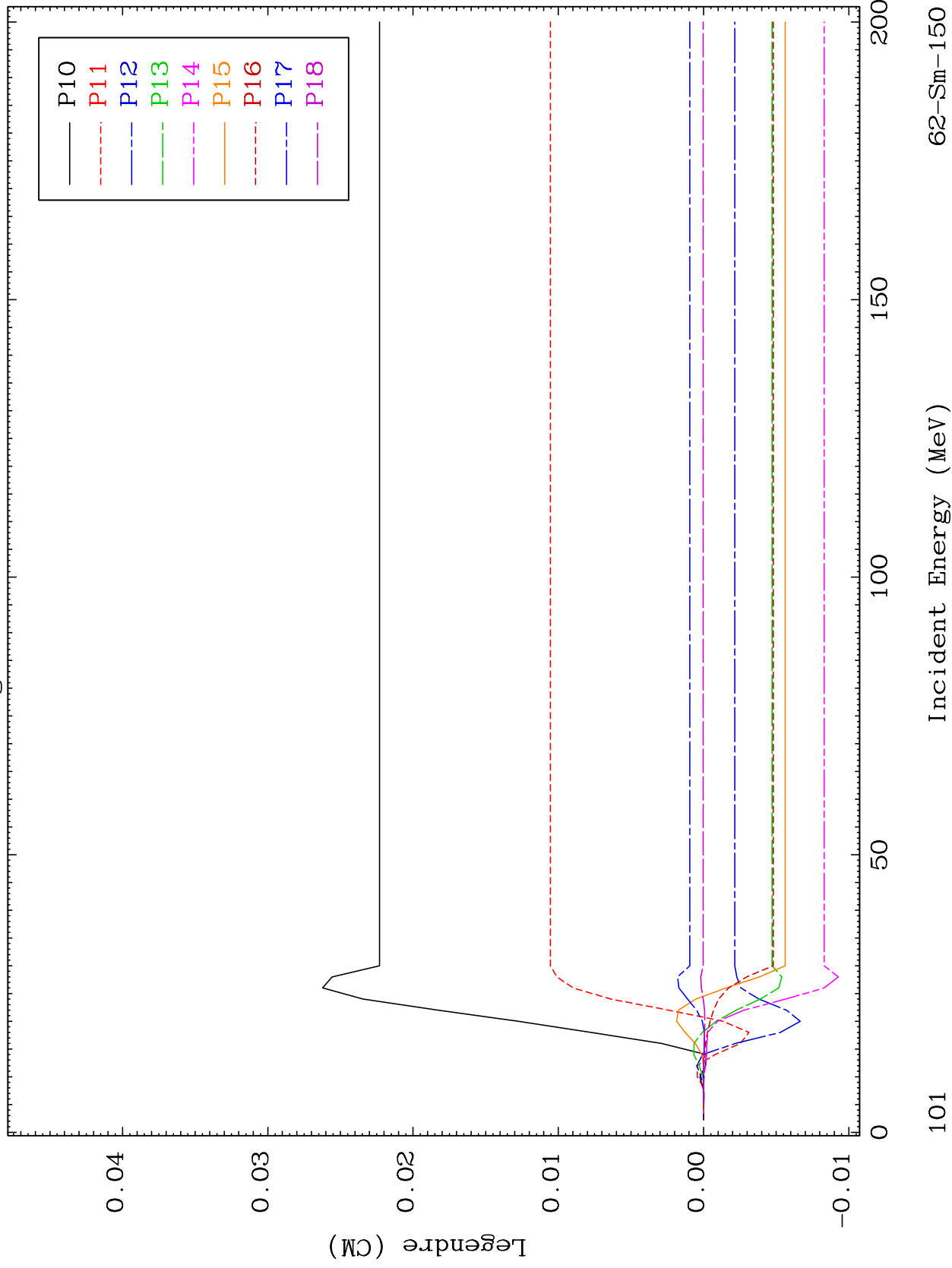
62-Sm-150



MAT 6243

1.773 MeV (n,n') Level
Legendre Coefficients

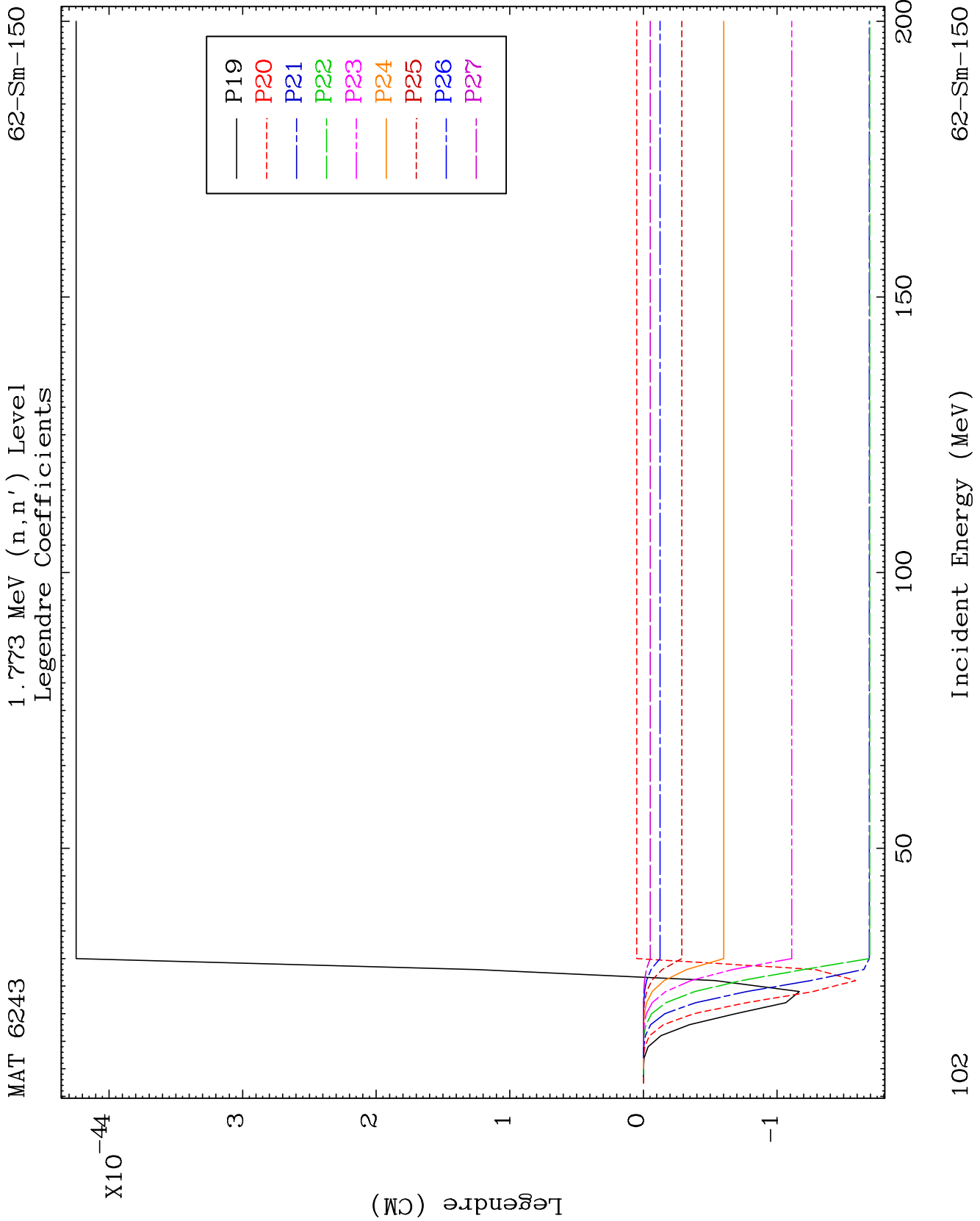
62-Sm-150

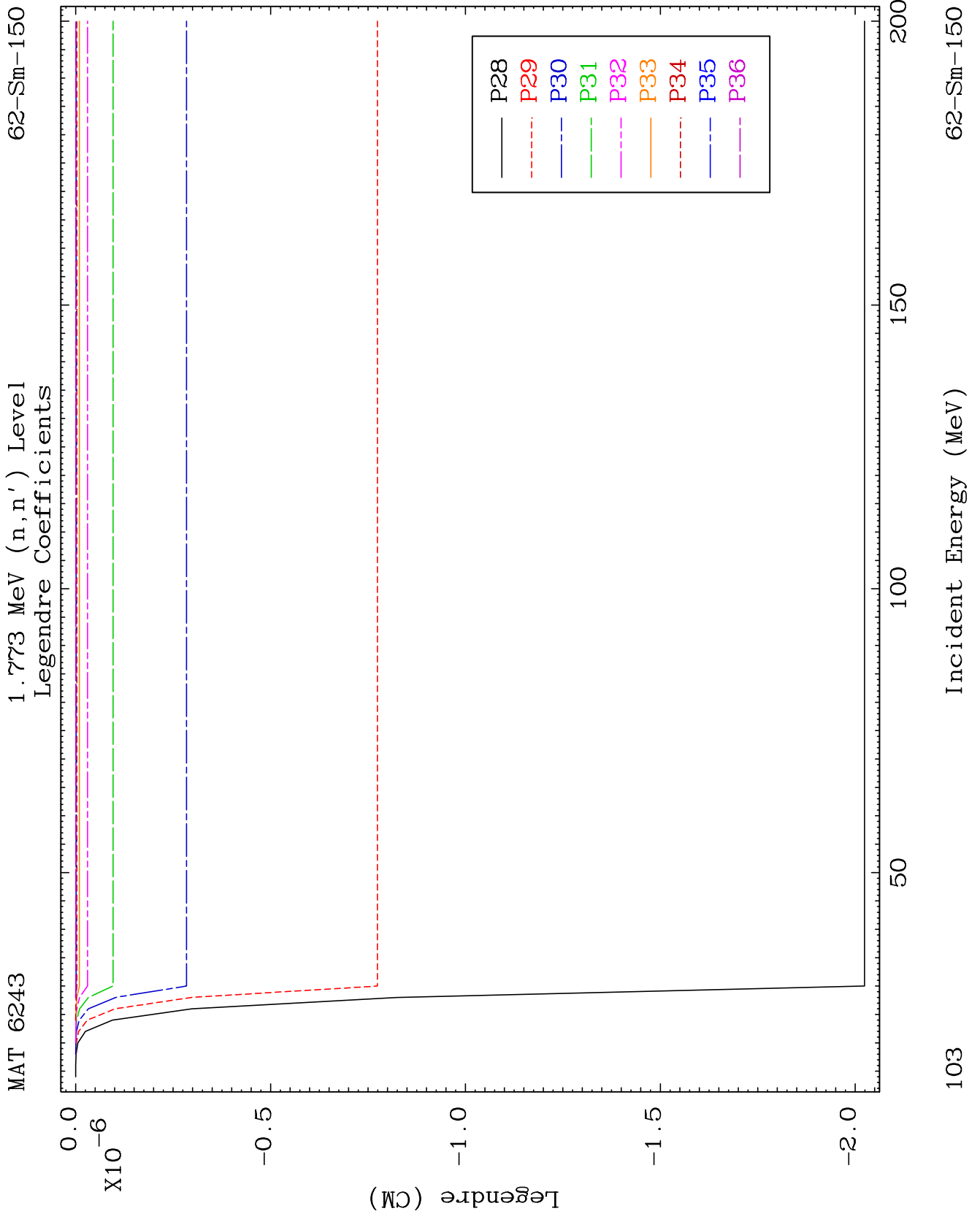


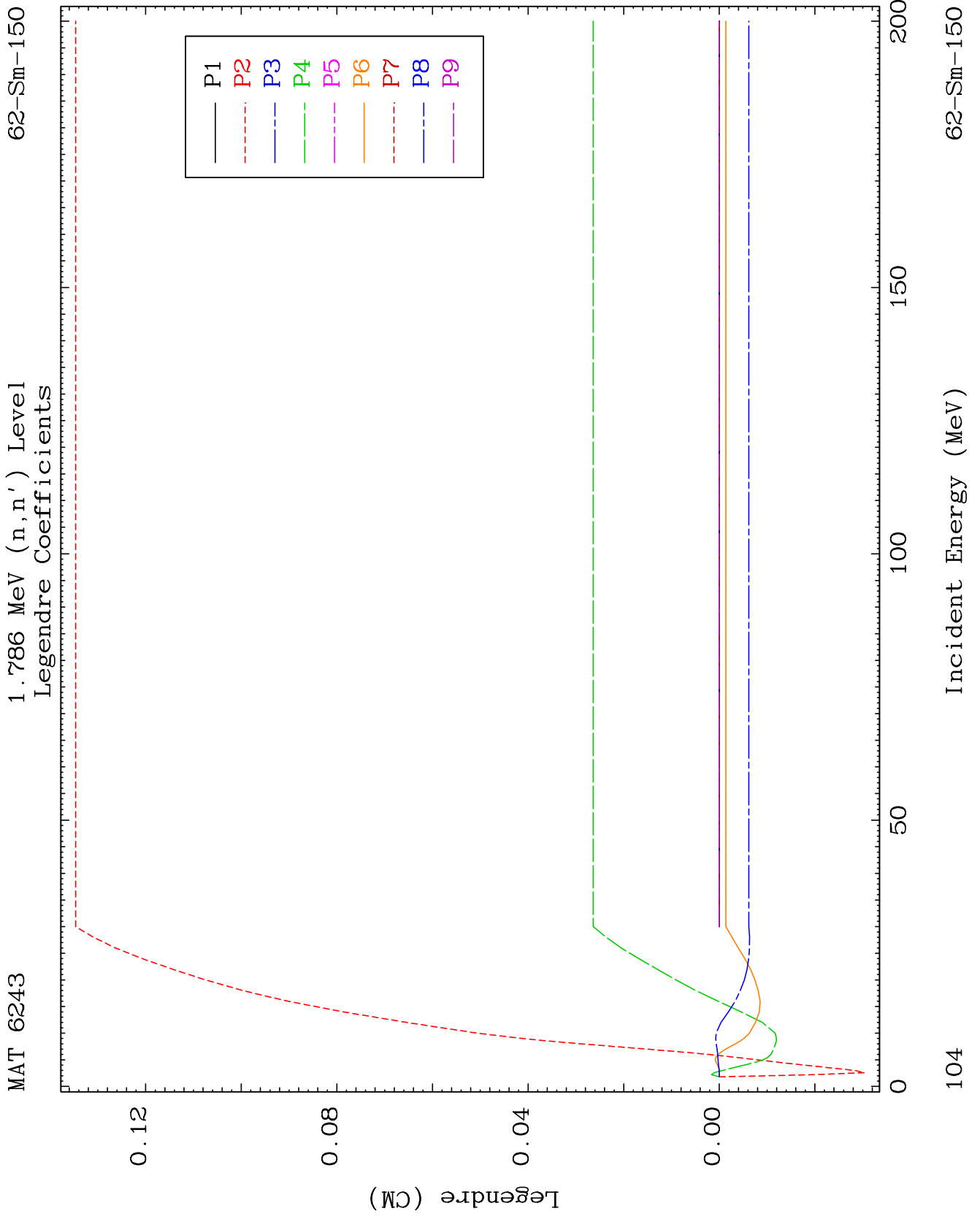
101

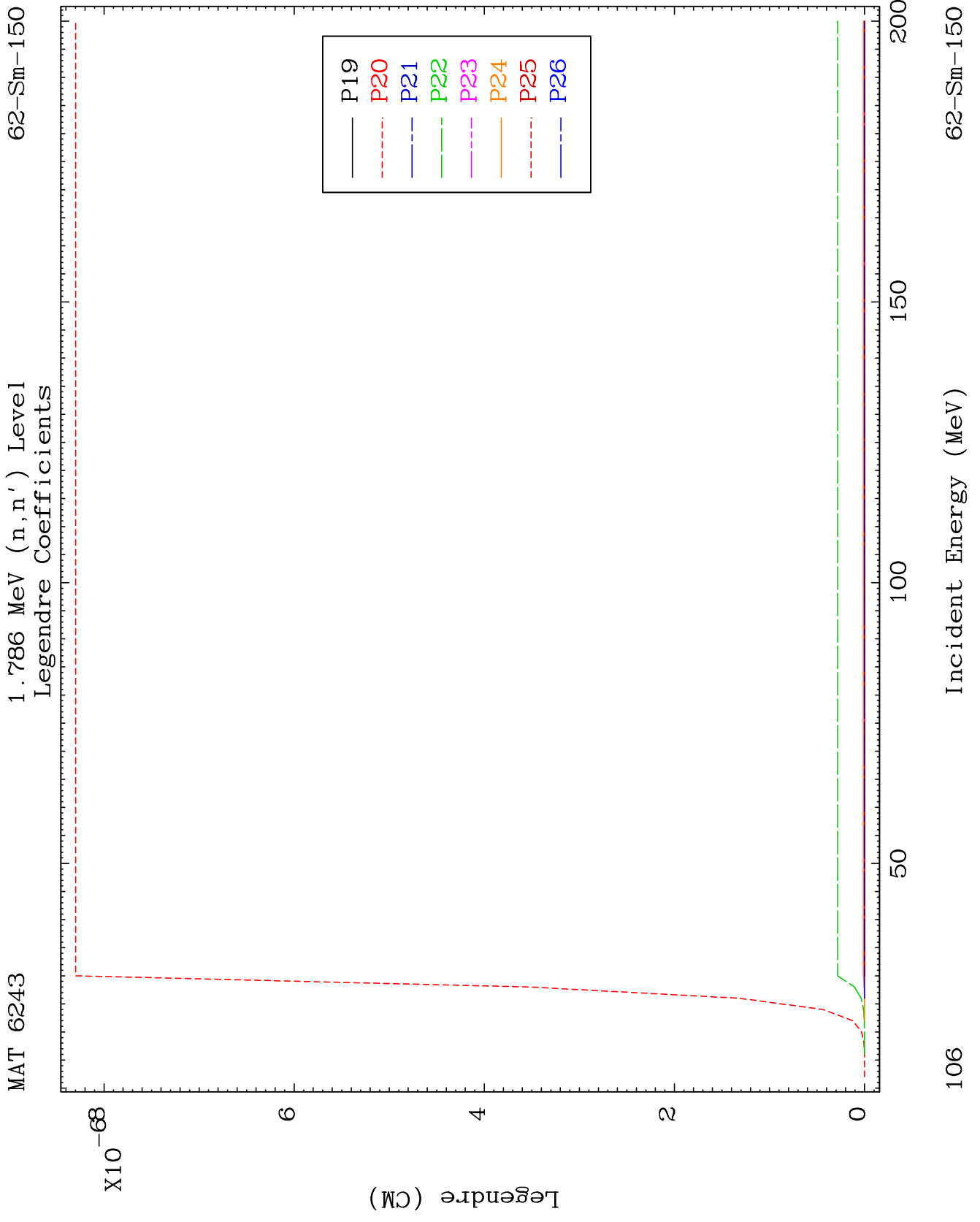
Incident Energy (MeV)

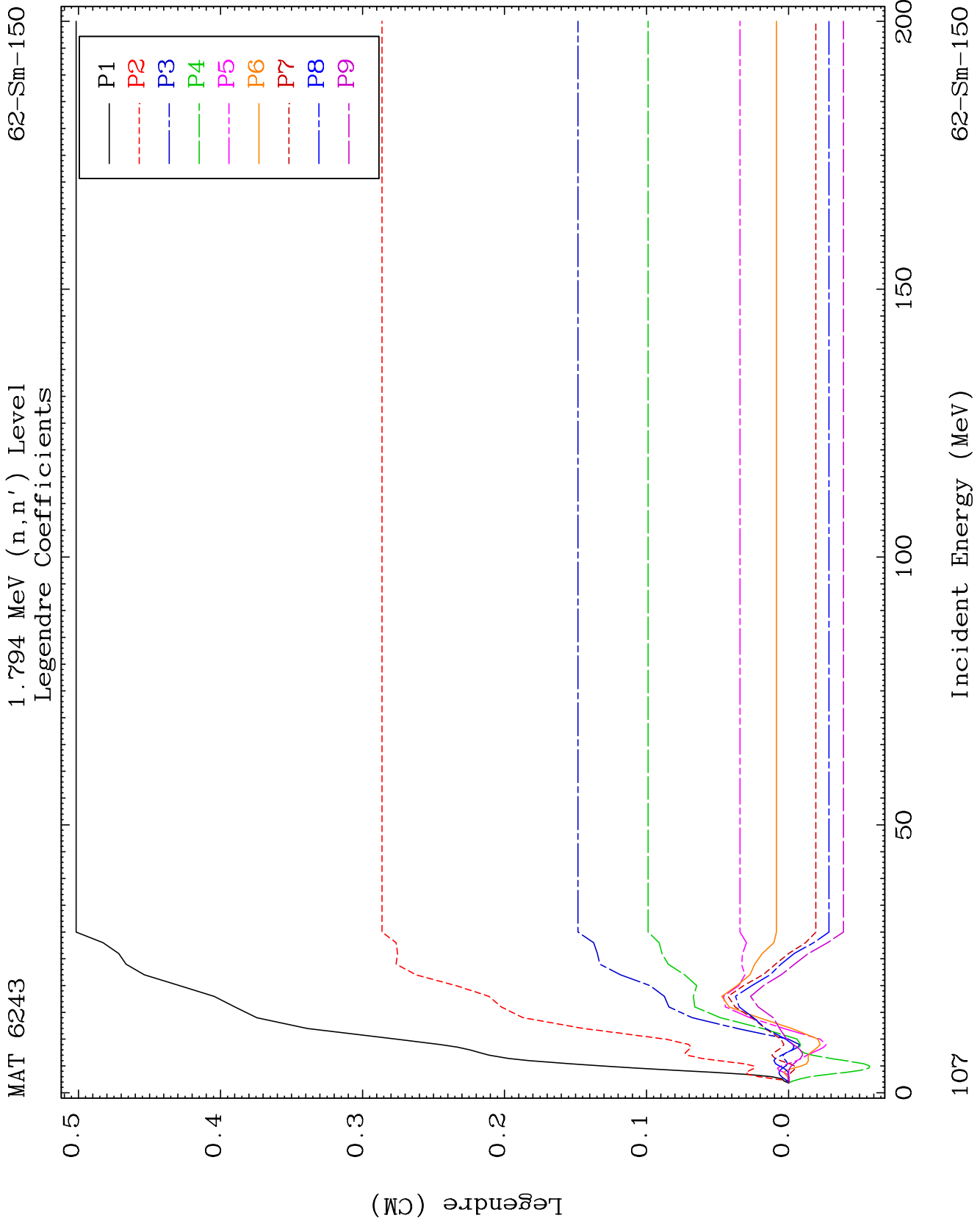
62-Sm-150







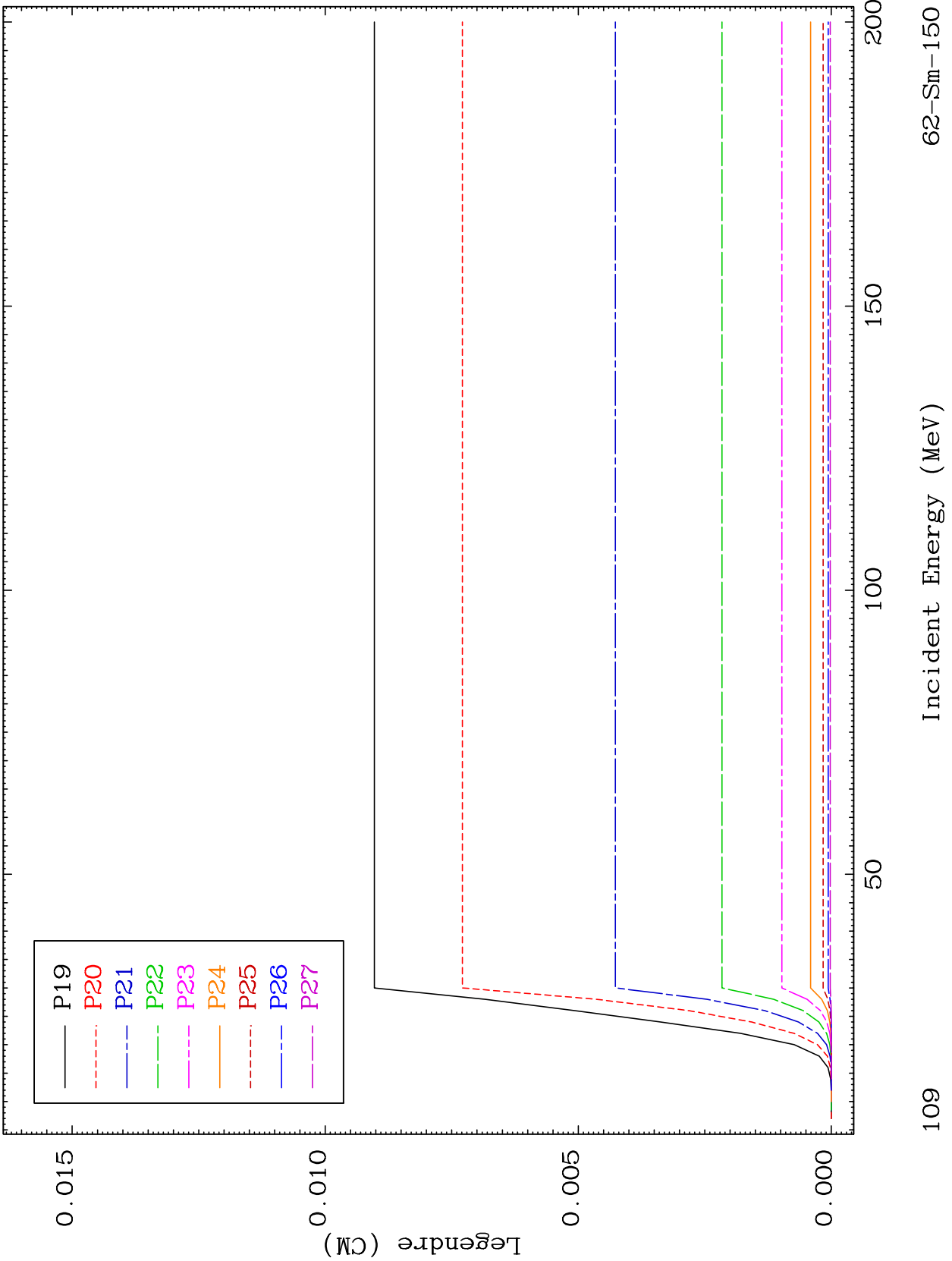




MAT 6243

1.794 MeV (n, n') Level
Legendre Coefficients

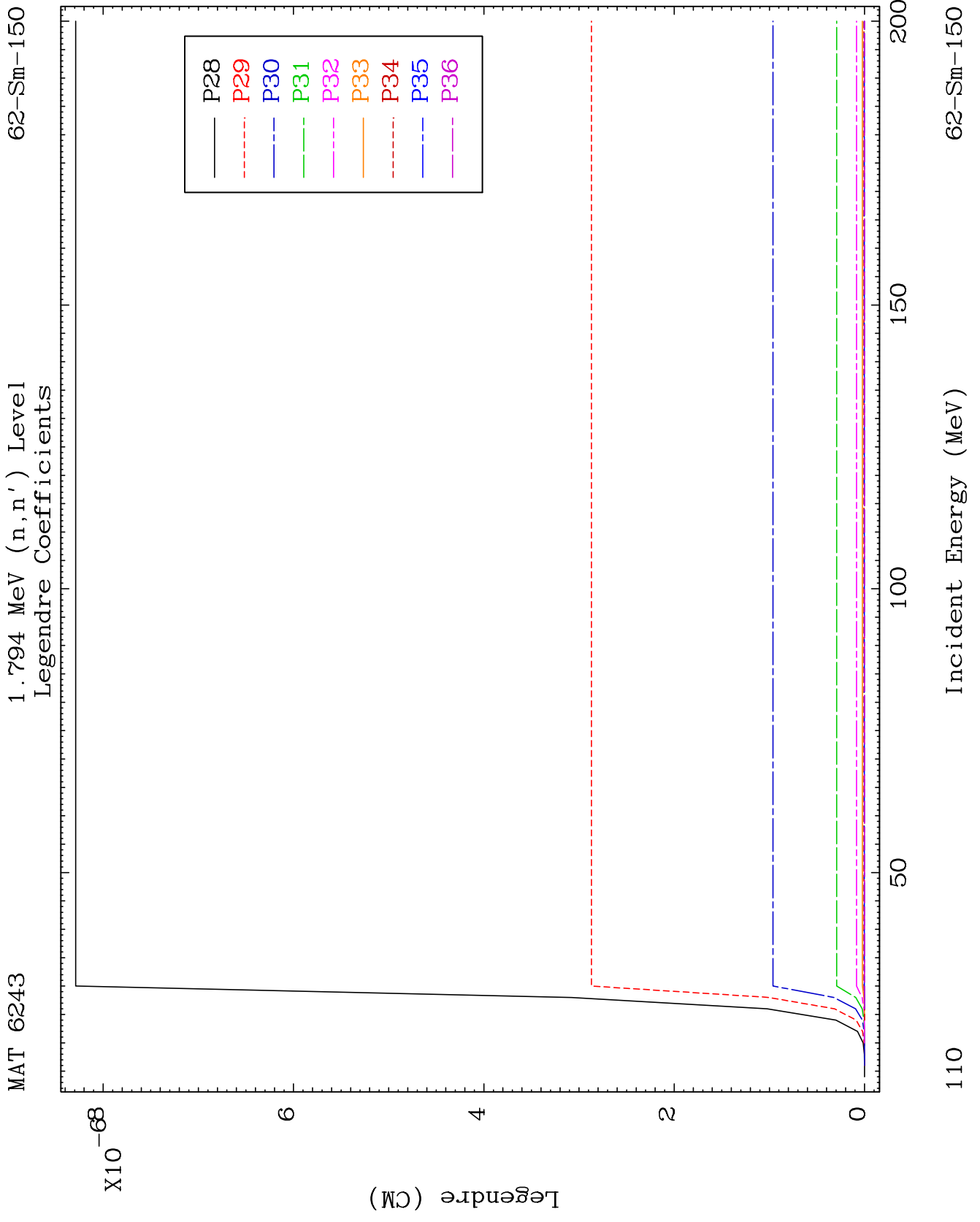
62-Sm-150

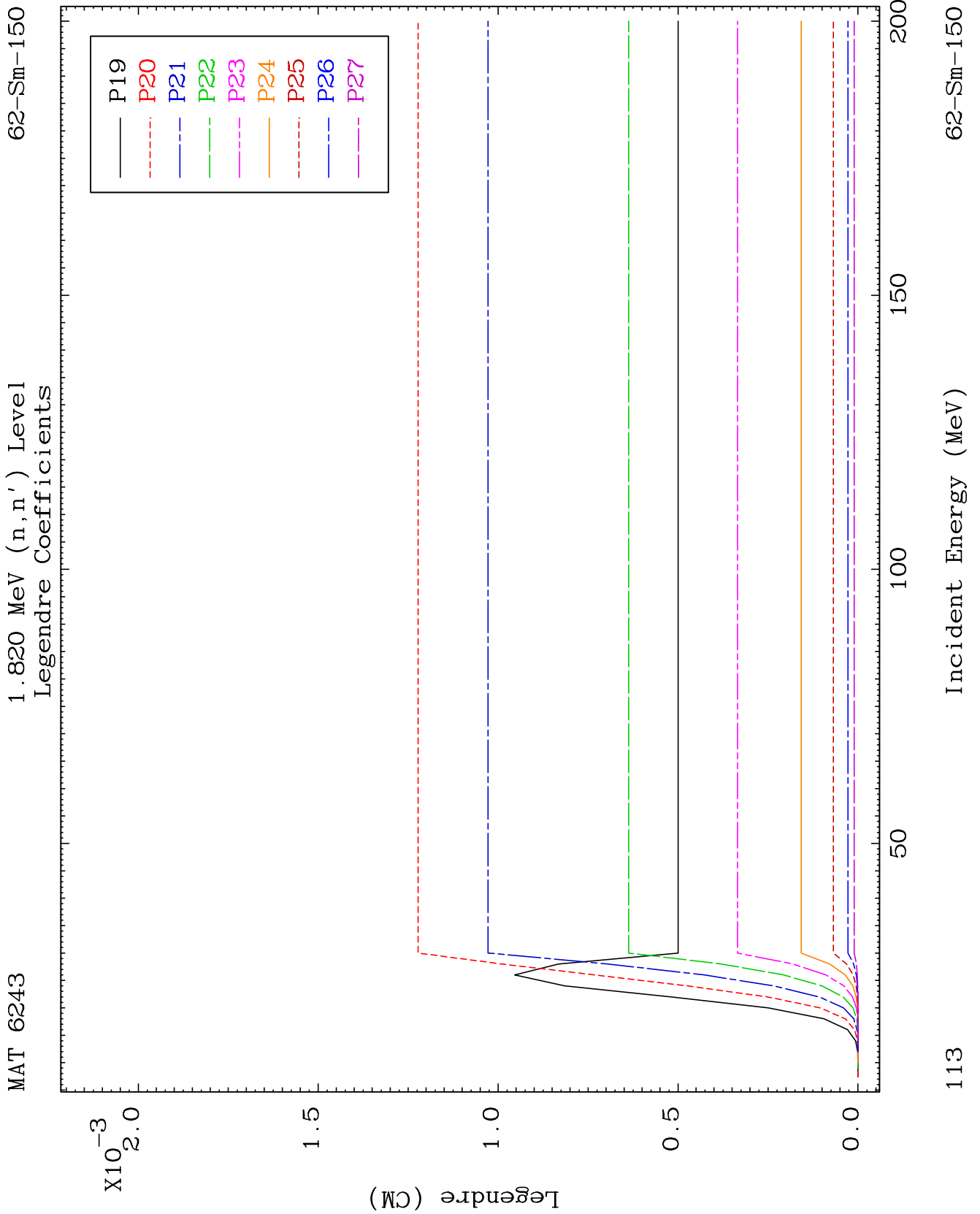


109

Incident Energy (MeV)

62-Sm-150

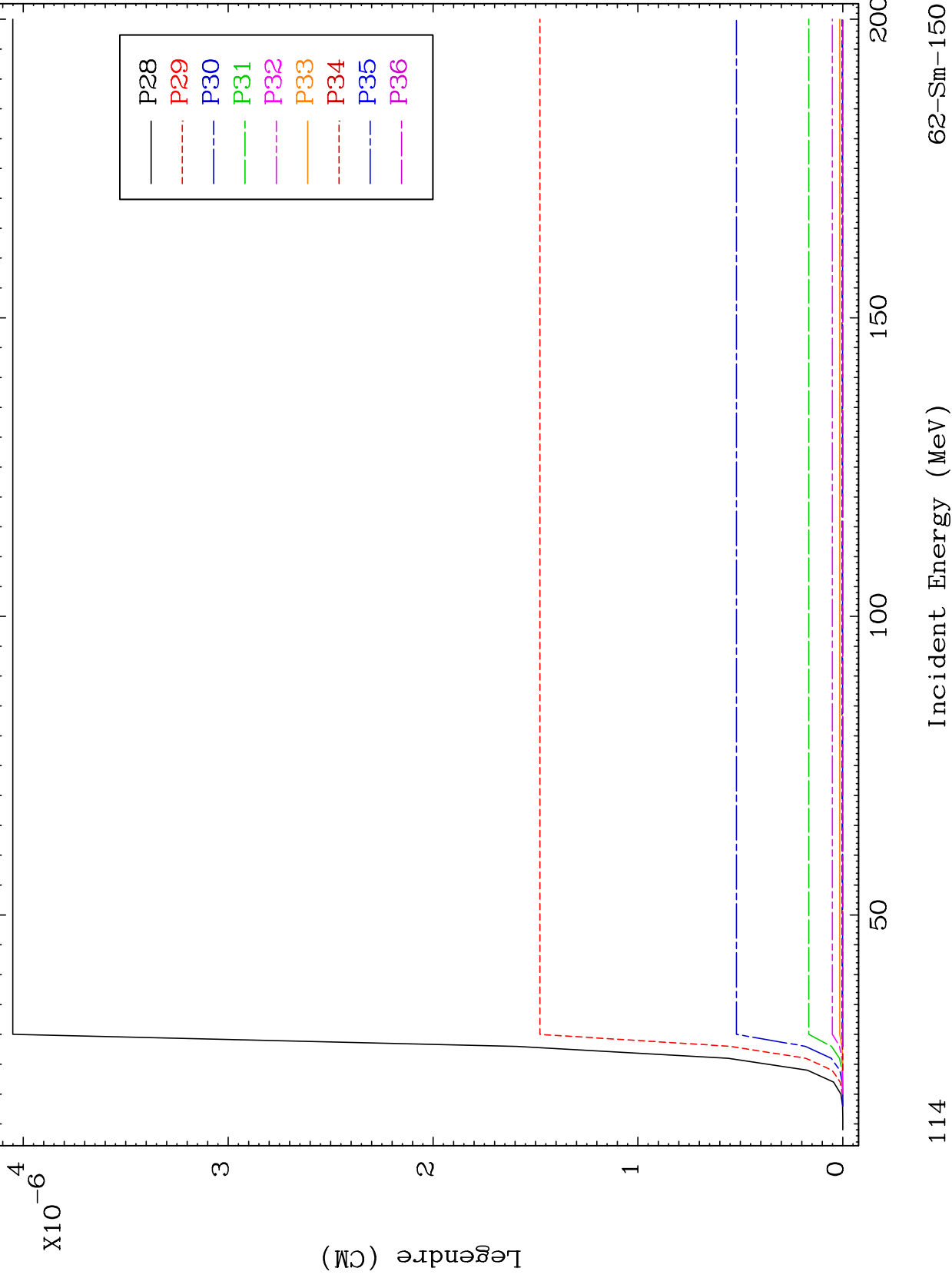


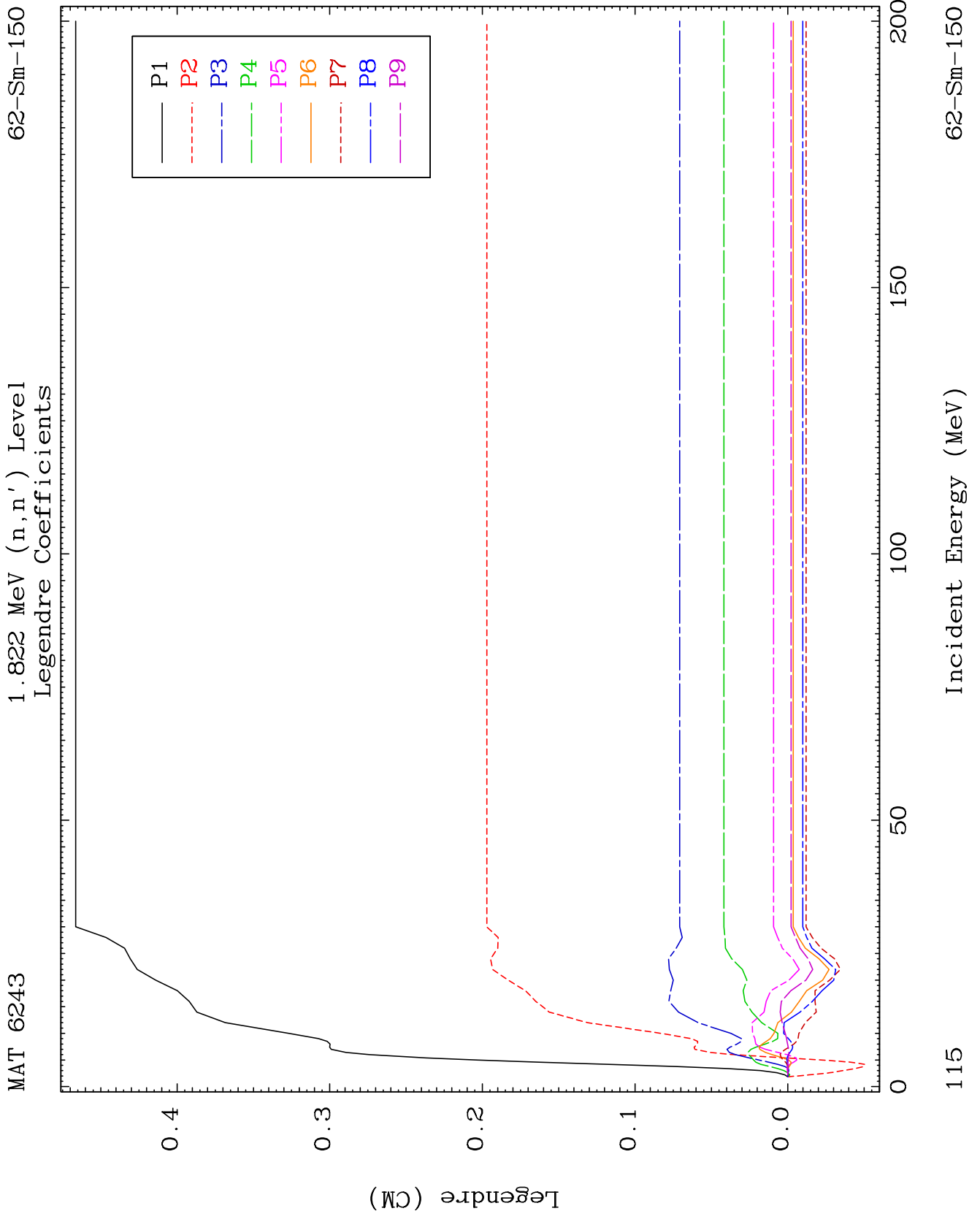


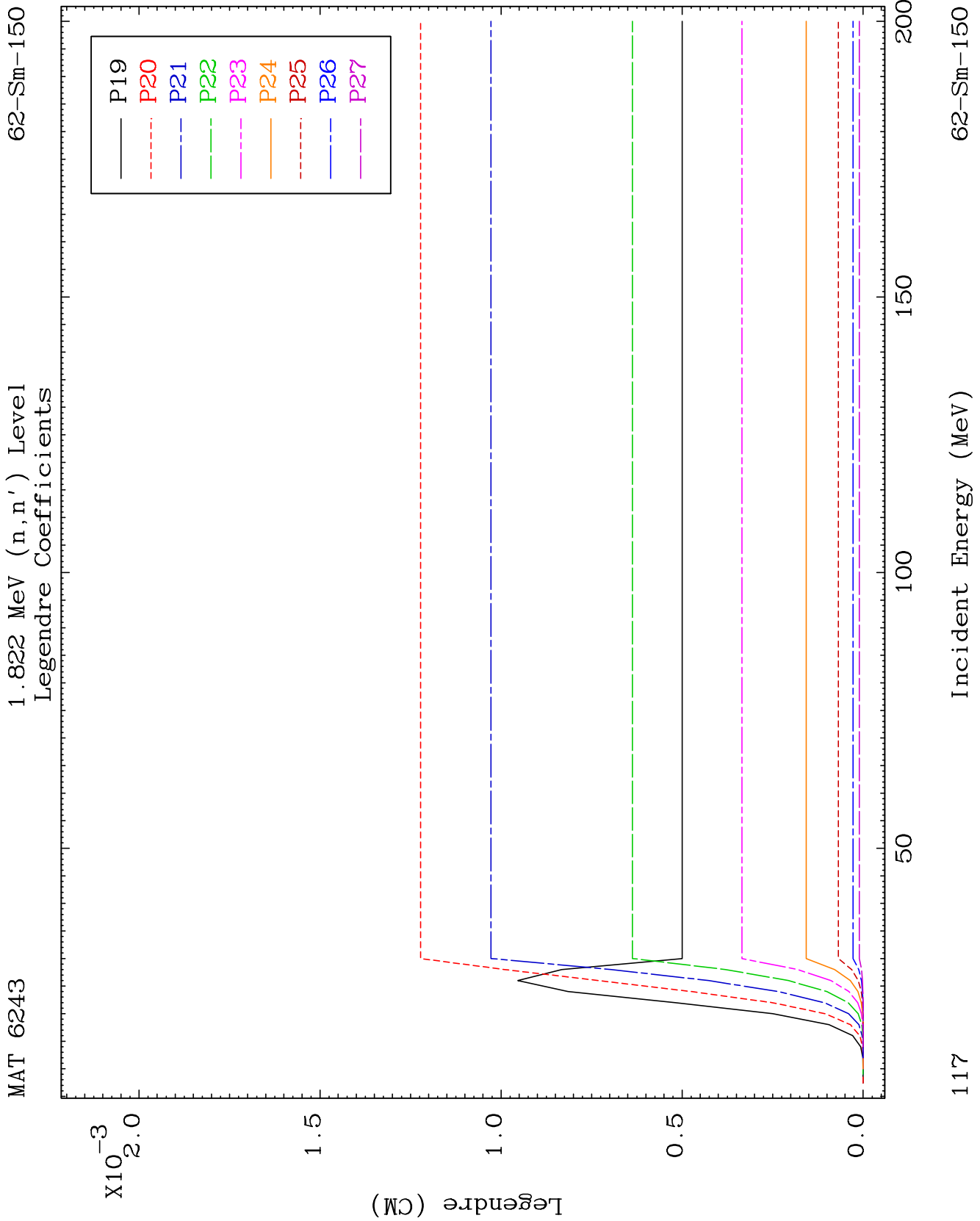
MAT 6243

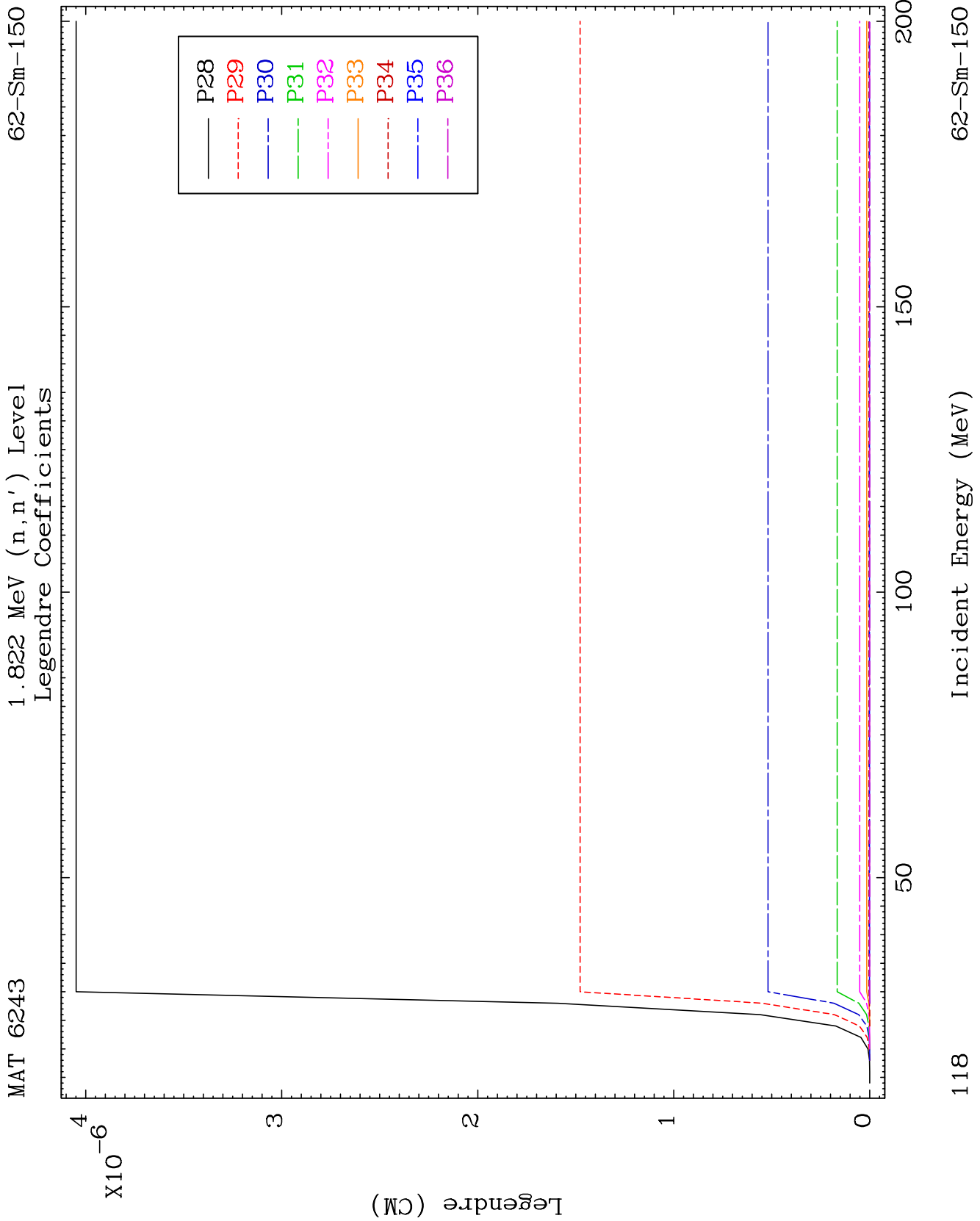
1.820 MeV (n,n') Level
Legendre Coefficients

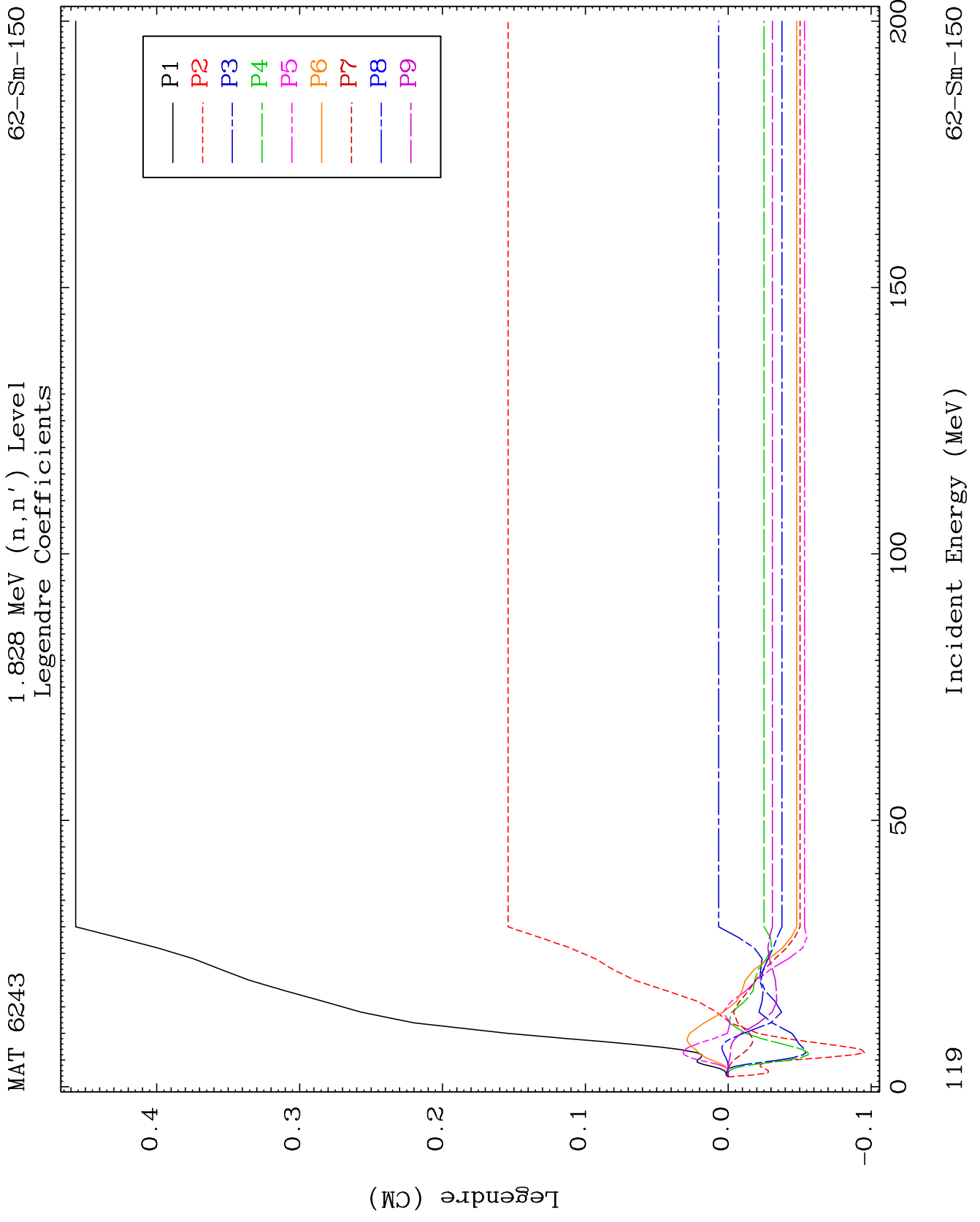
62-Sm-150

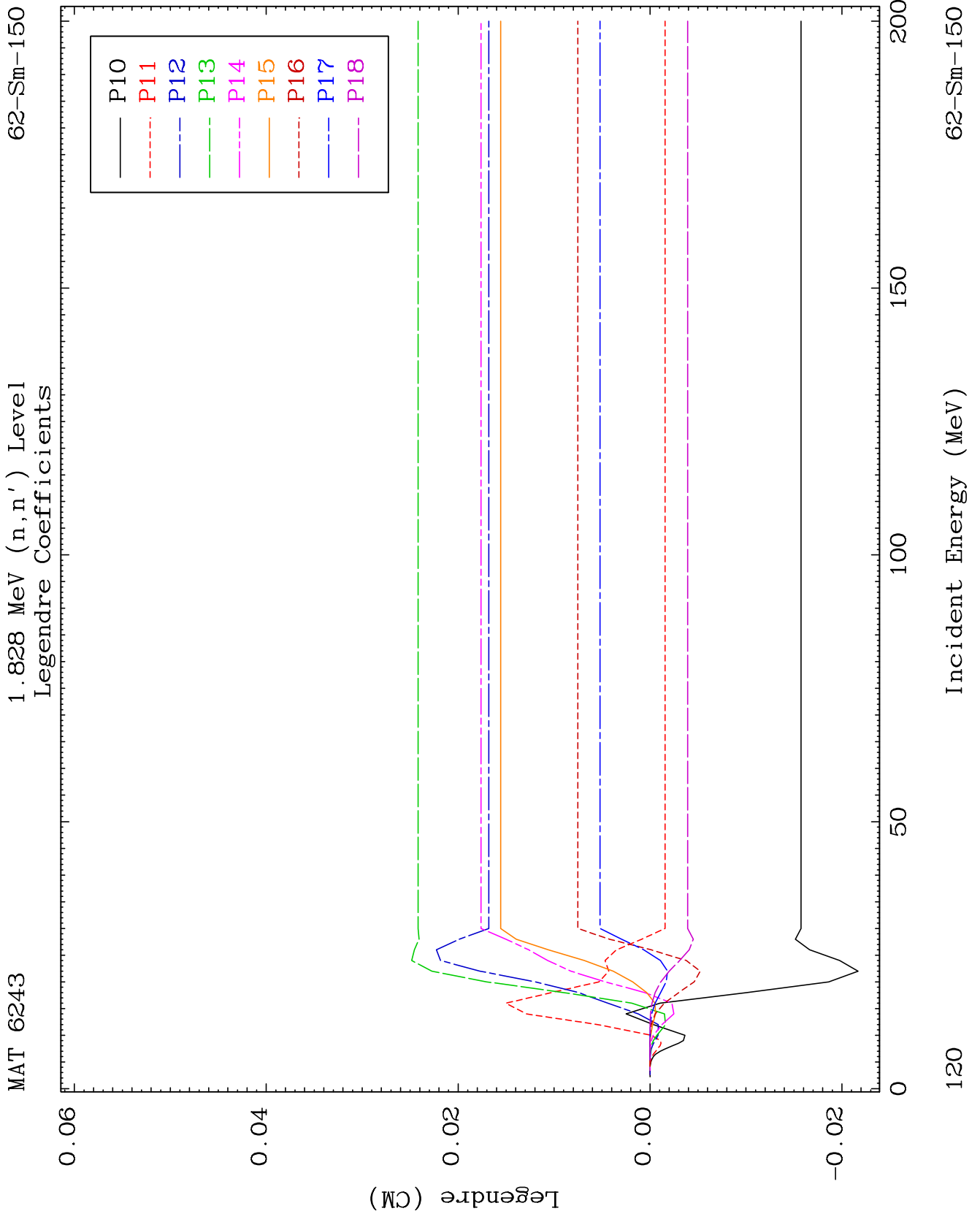


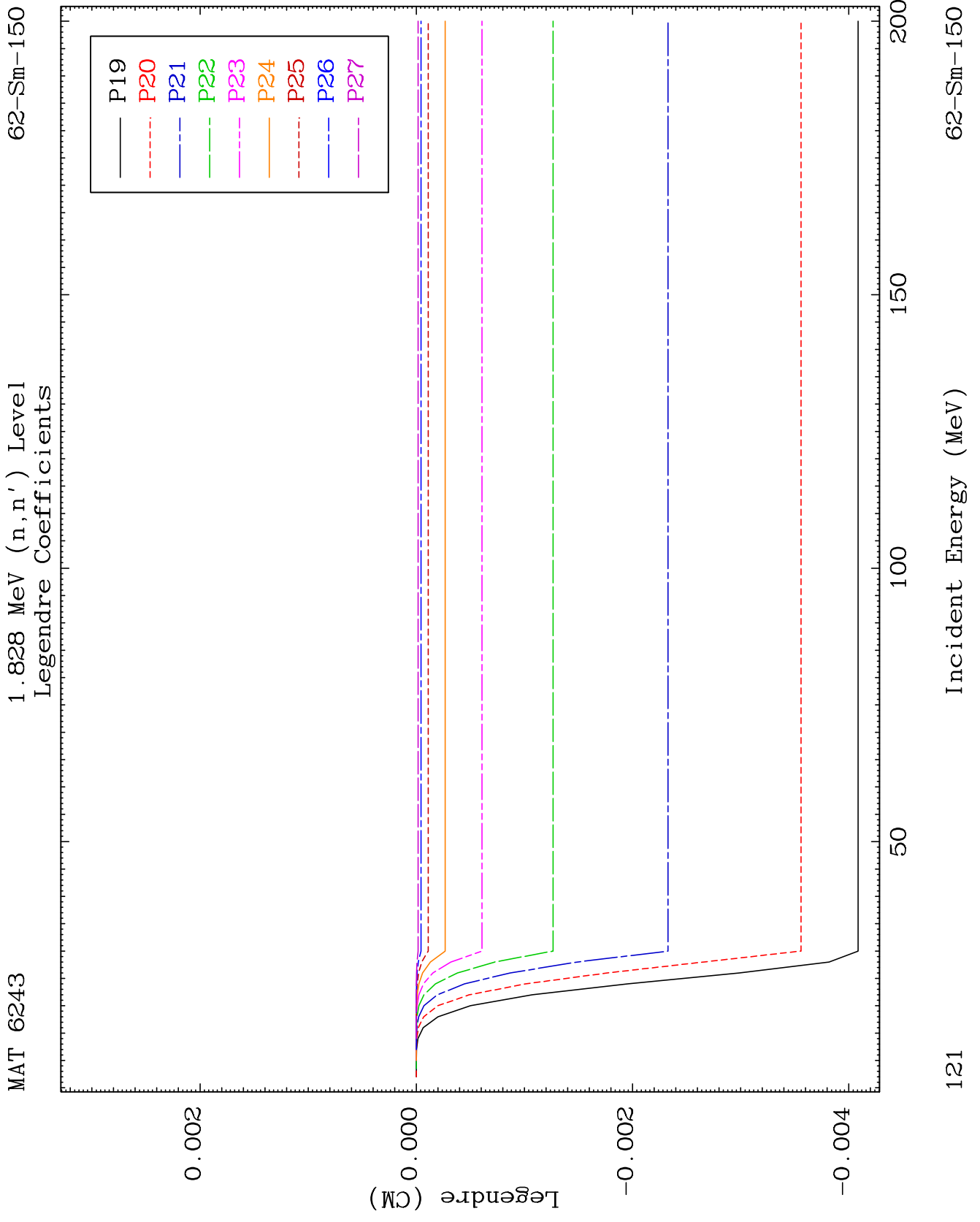


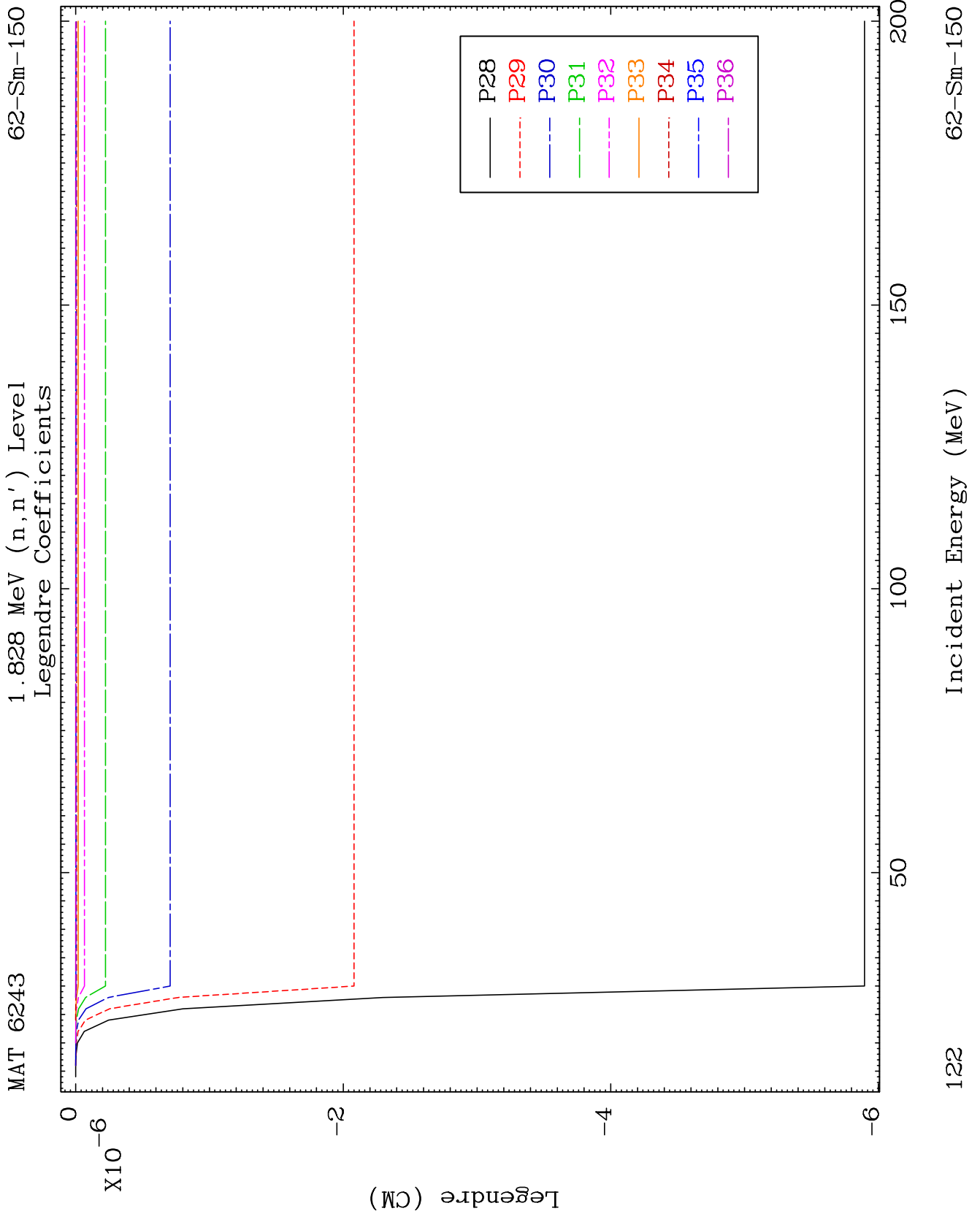


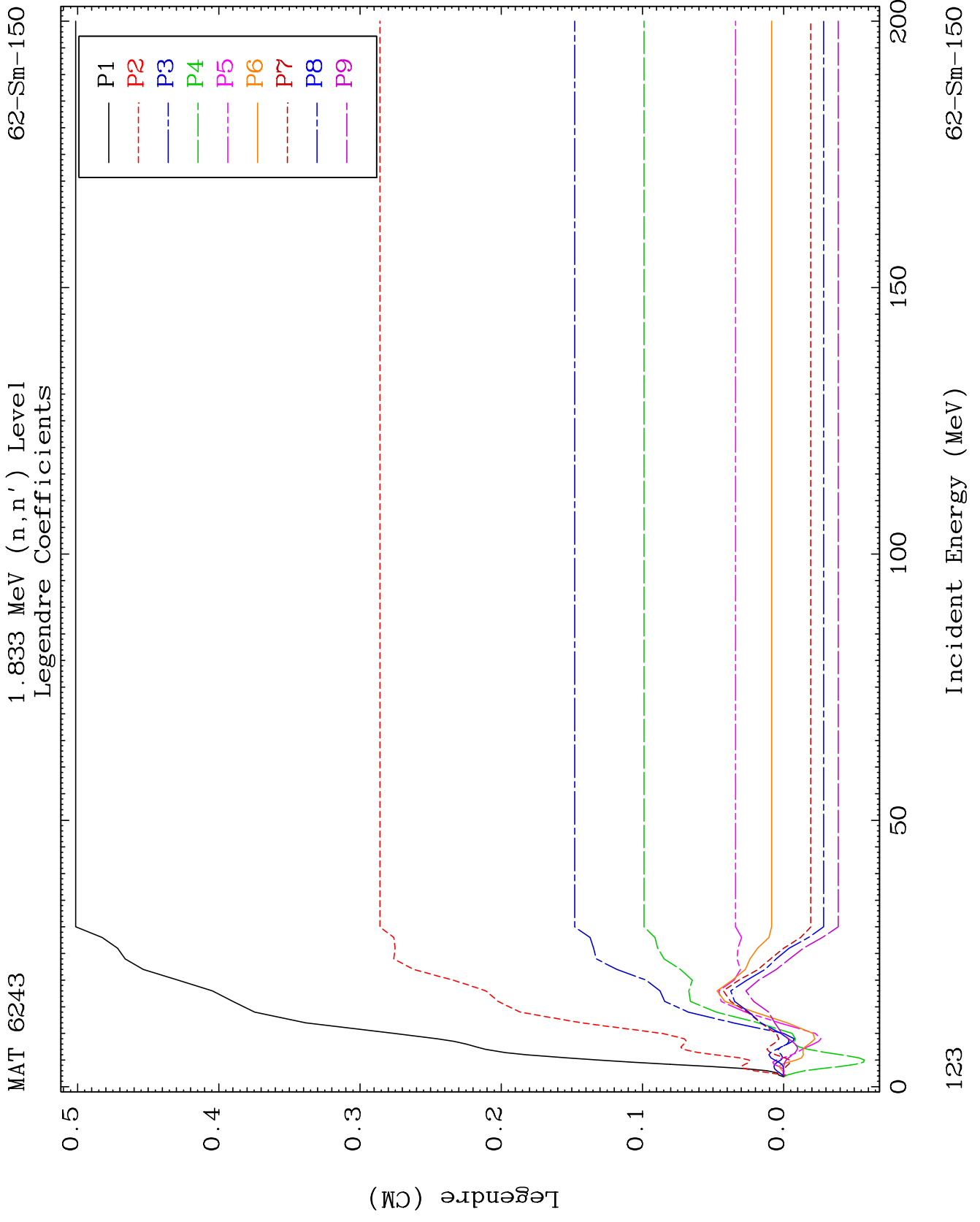








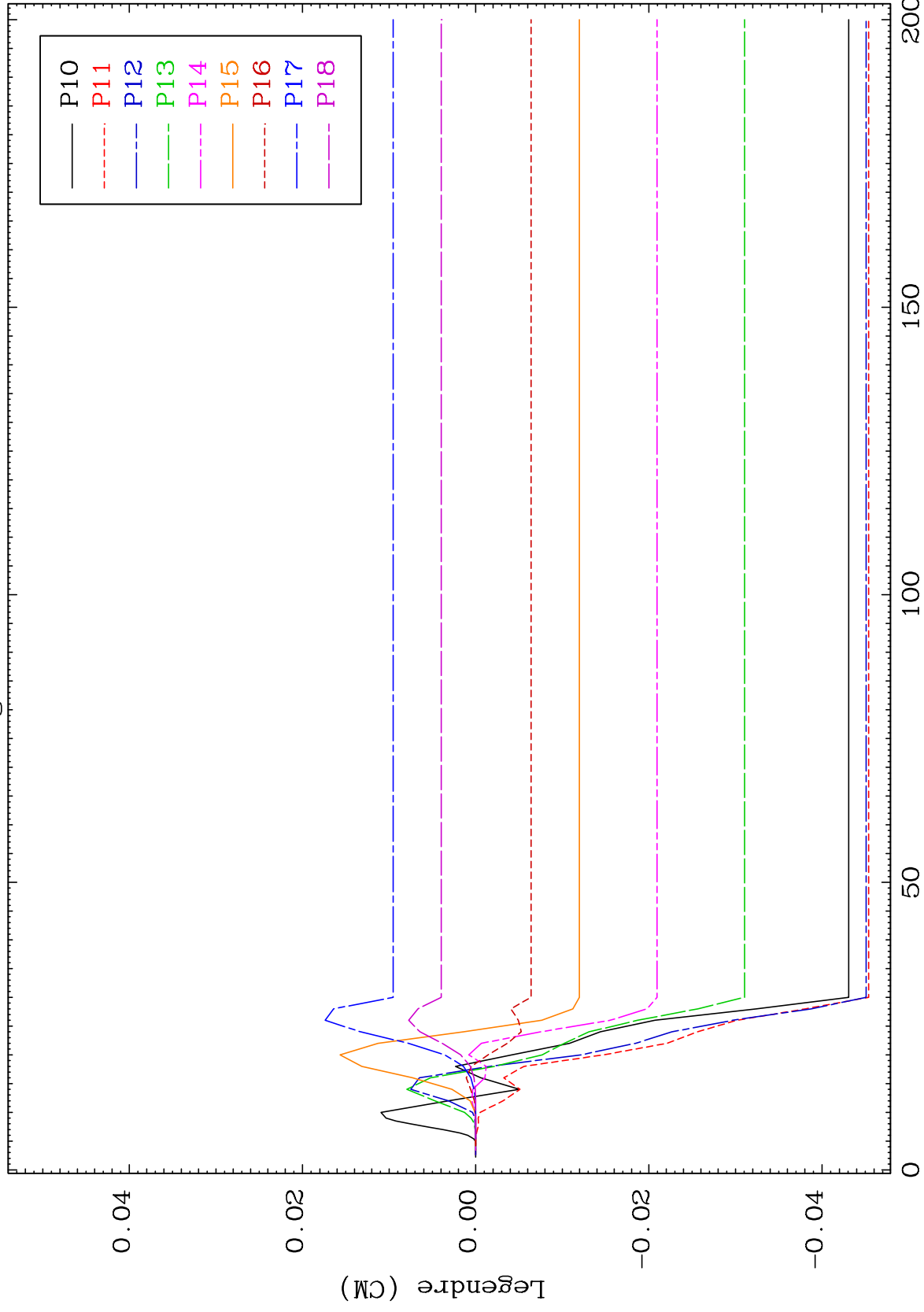




MAT 6243

1.833 MeV (n,n') Level
Legendre Coefficients

62-Sm-150



124

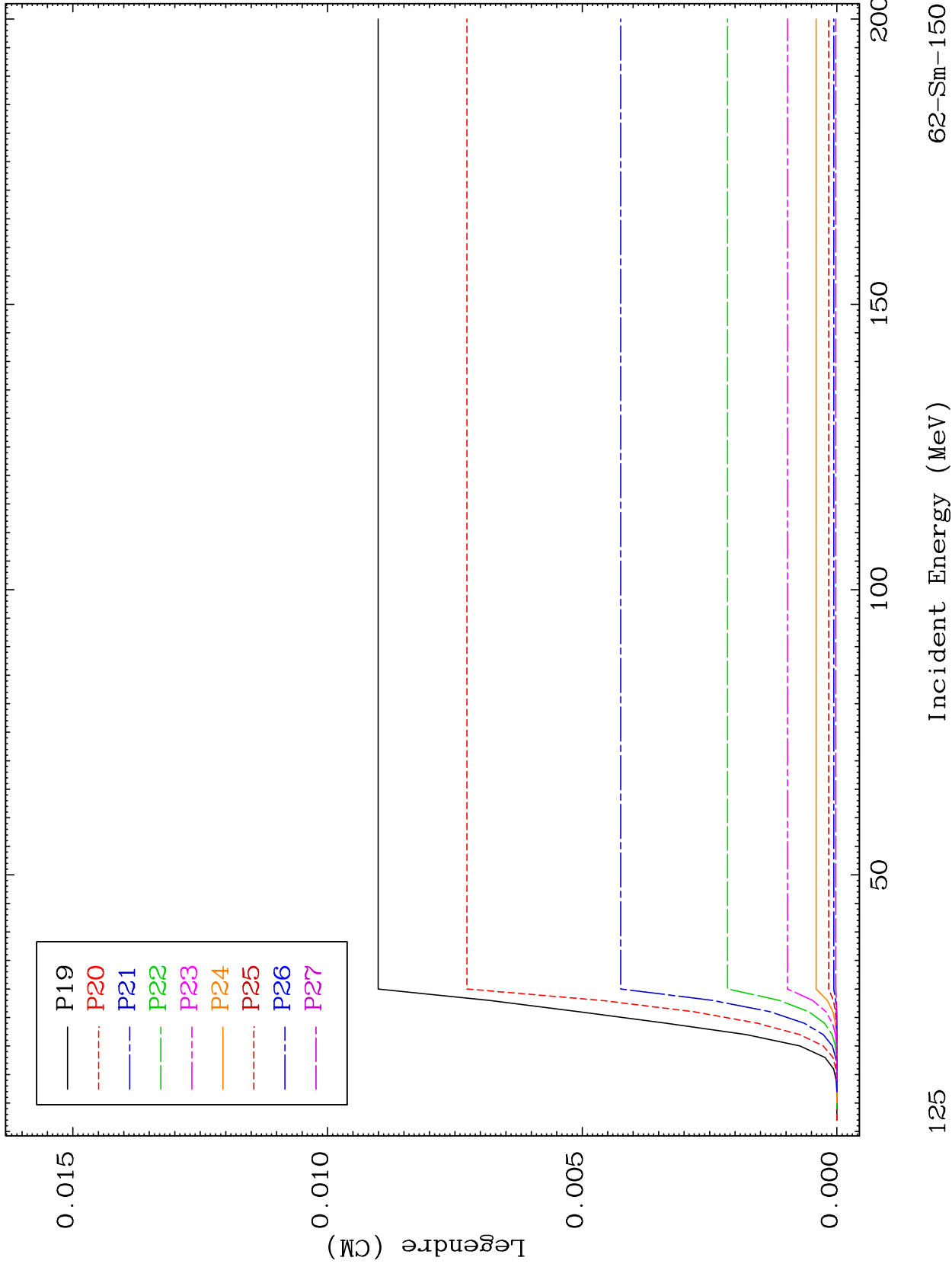
Incident Energy (MeV)

62-Sm-150

MAT 6243

1.833 MeV (n, n') Level
Legendre Coefficients

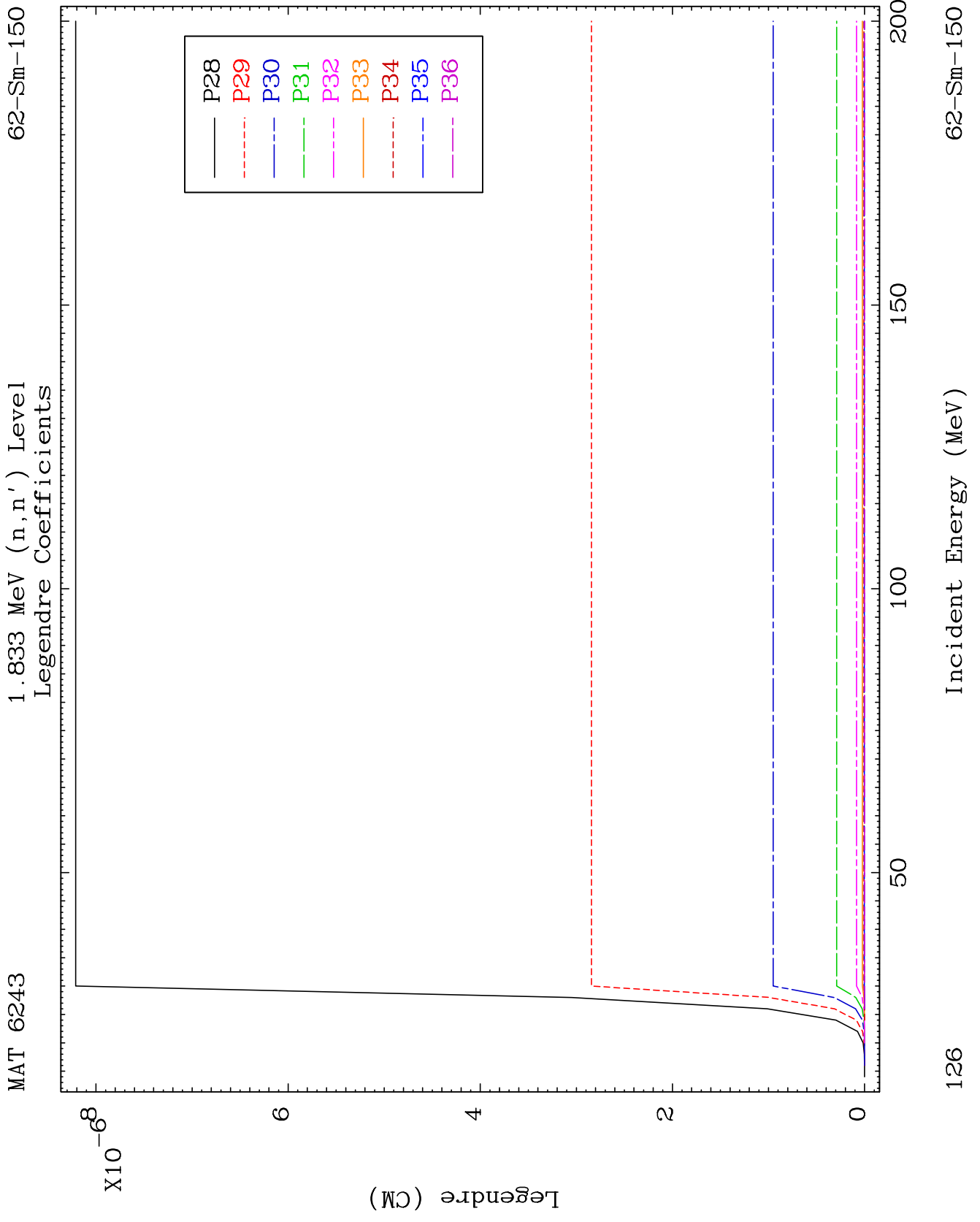
62-Sm-150

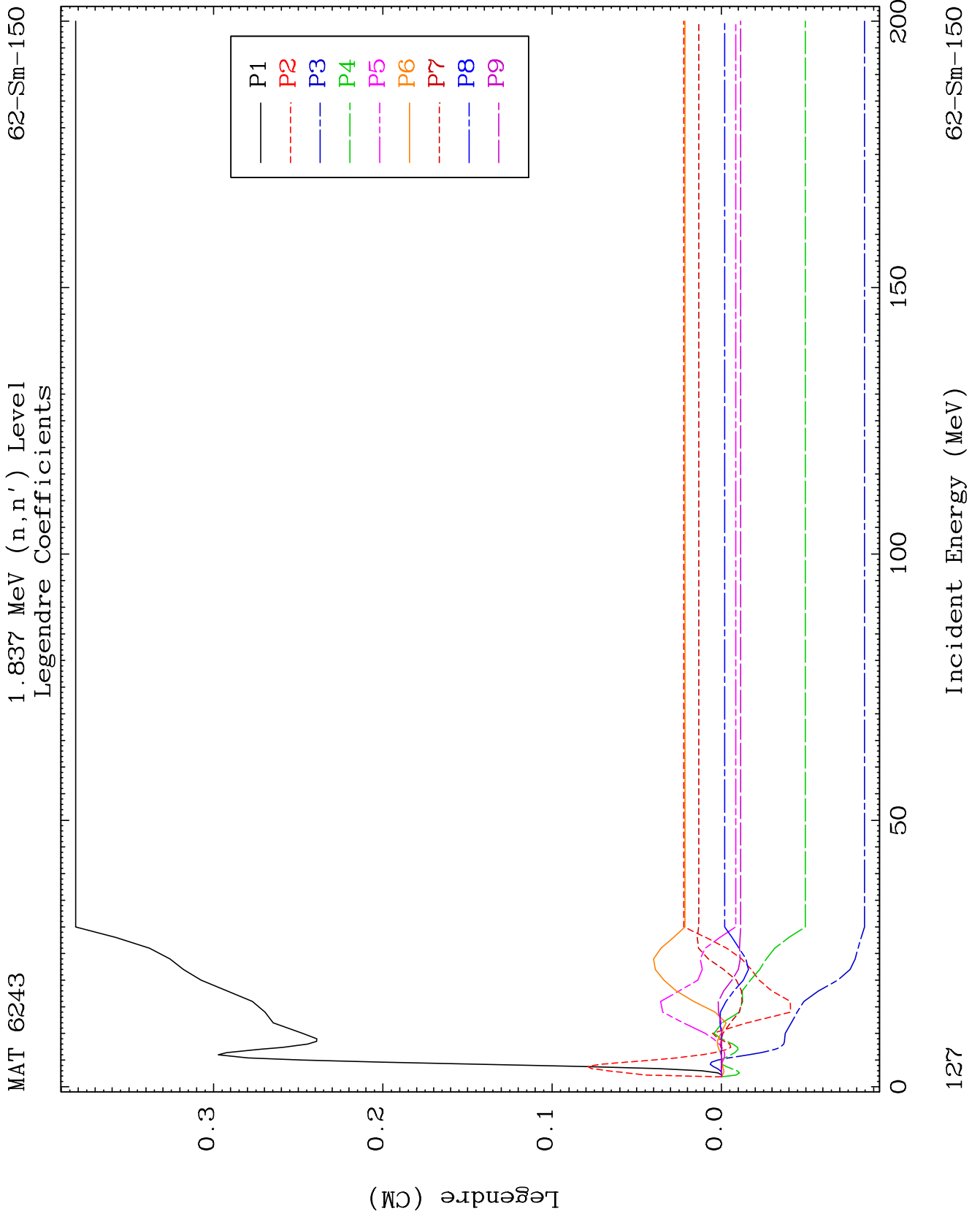


125

Incident Energy (MeV)

62-Sm-150

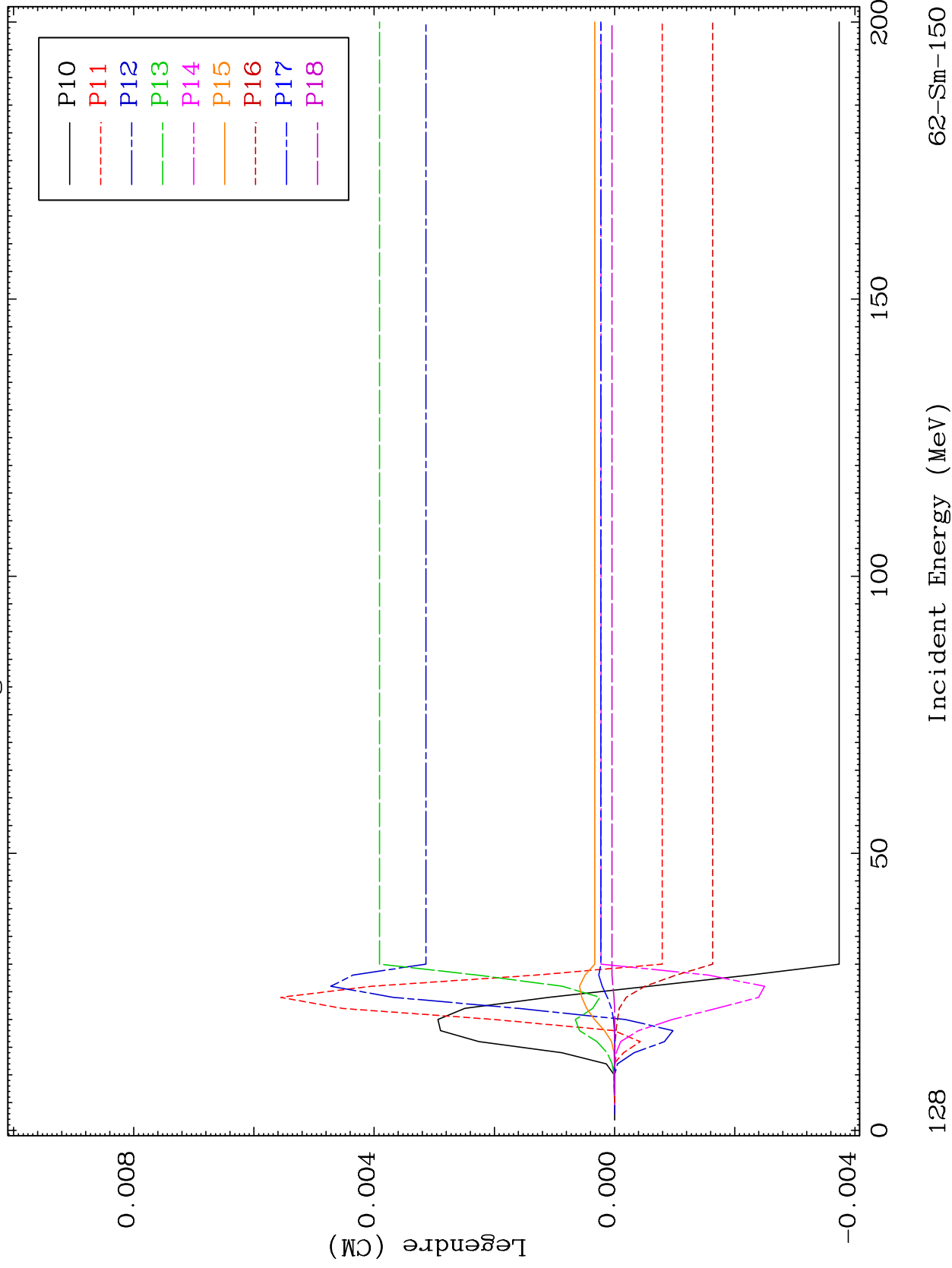




MAT 6243

1.837 MeV (n,n') Level
Legendre Coefficients

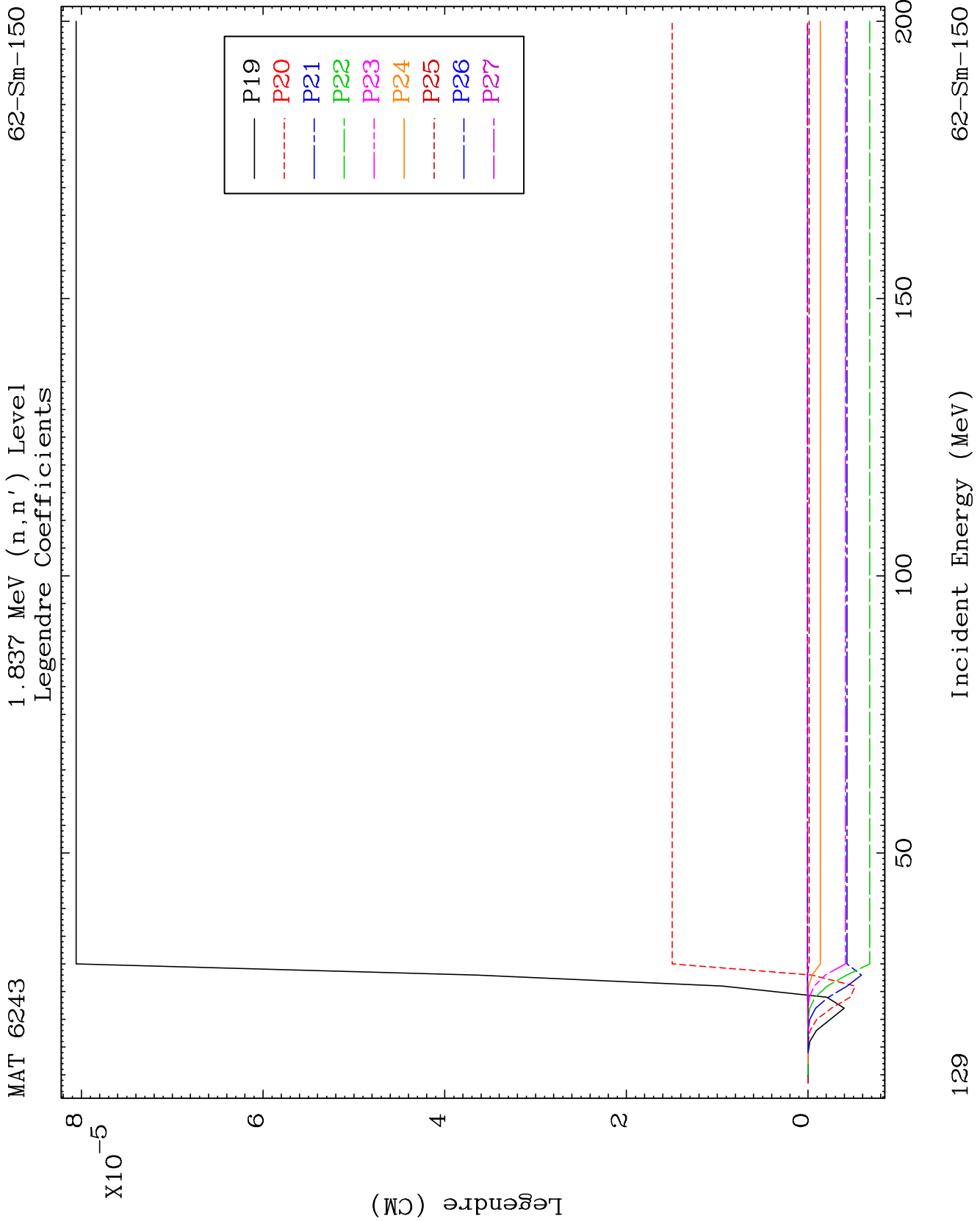
62-Sm-150



62-Sm-150

Incident Energy (MeV)

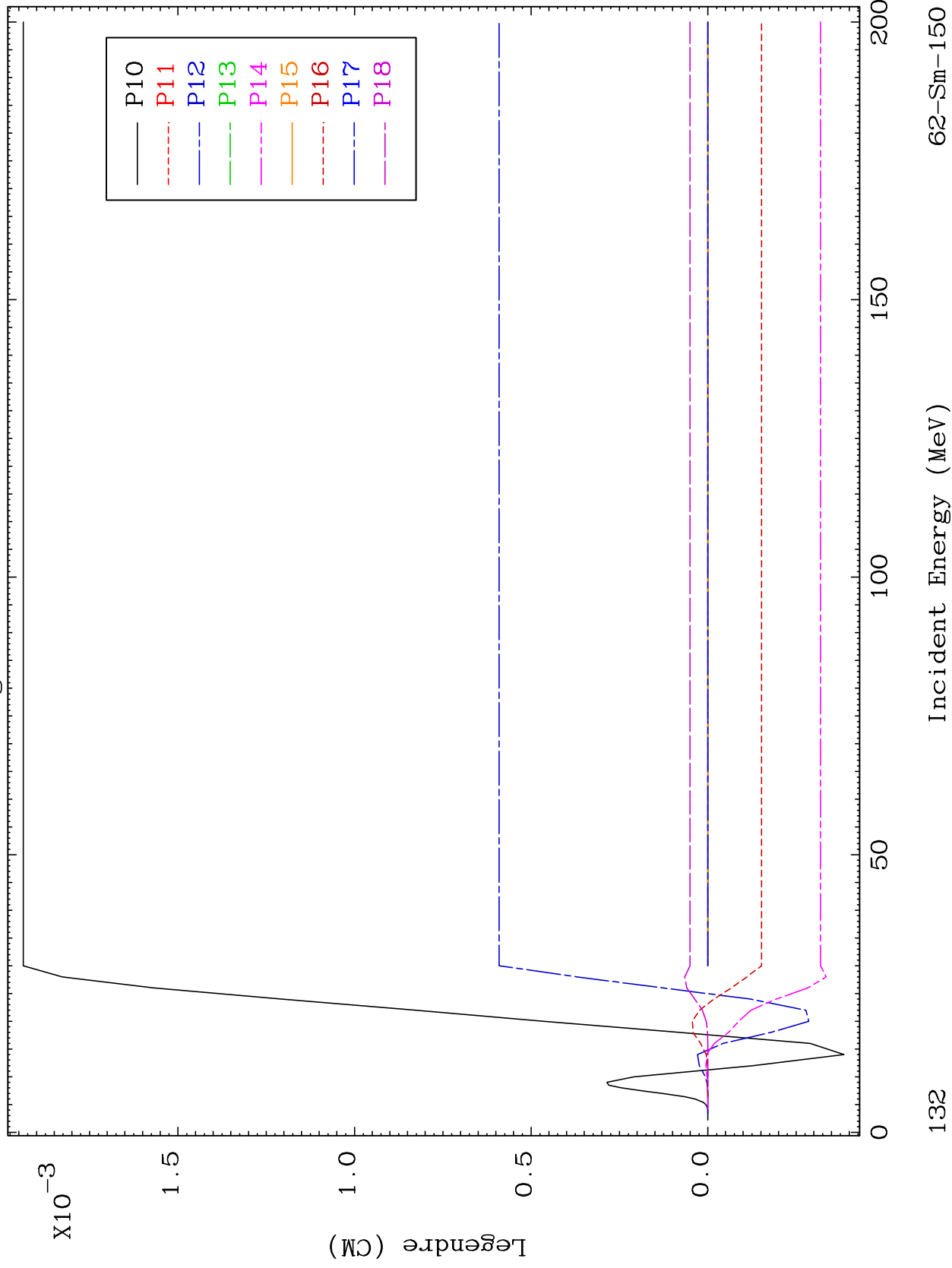
128



MAT 6243

1.883 MeV (n,n') Level
Legendre Coefficients

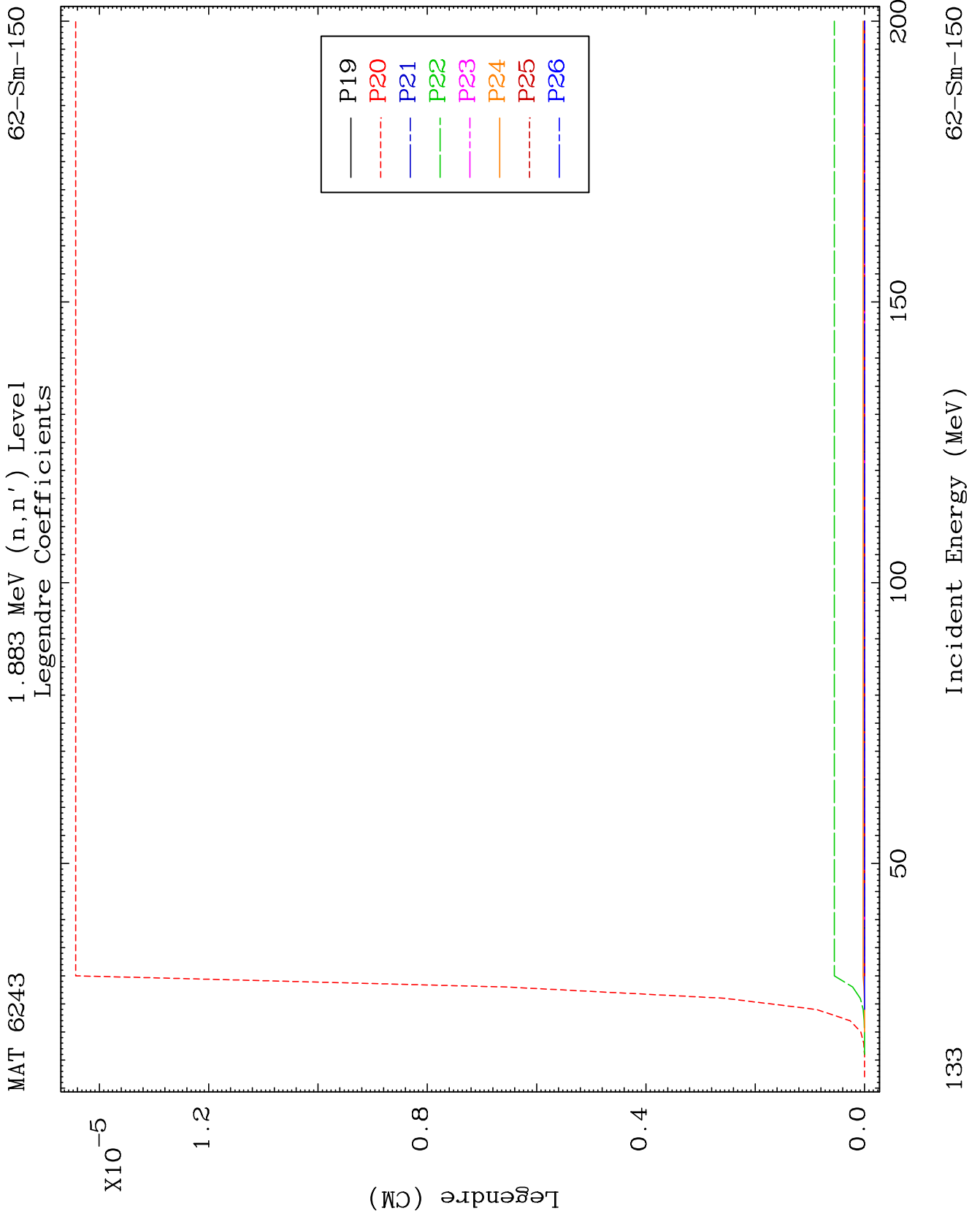
62-Sm-150



132

Incident Energy (MeV)

62-Sm-150

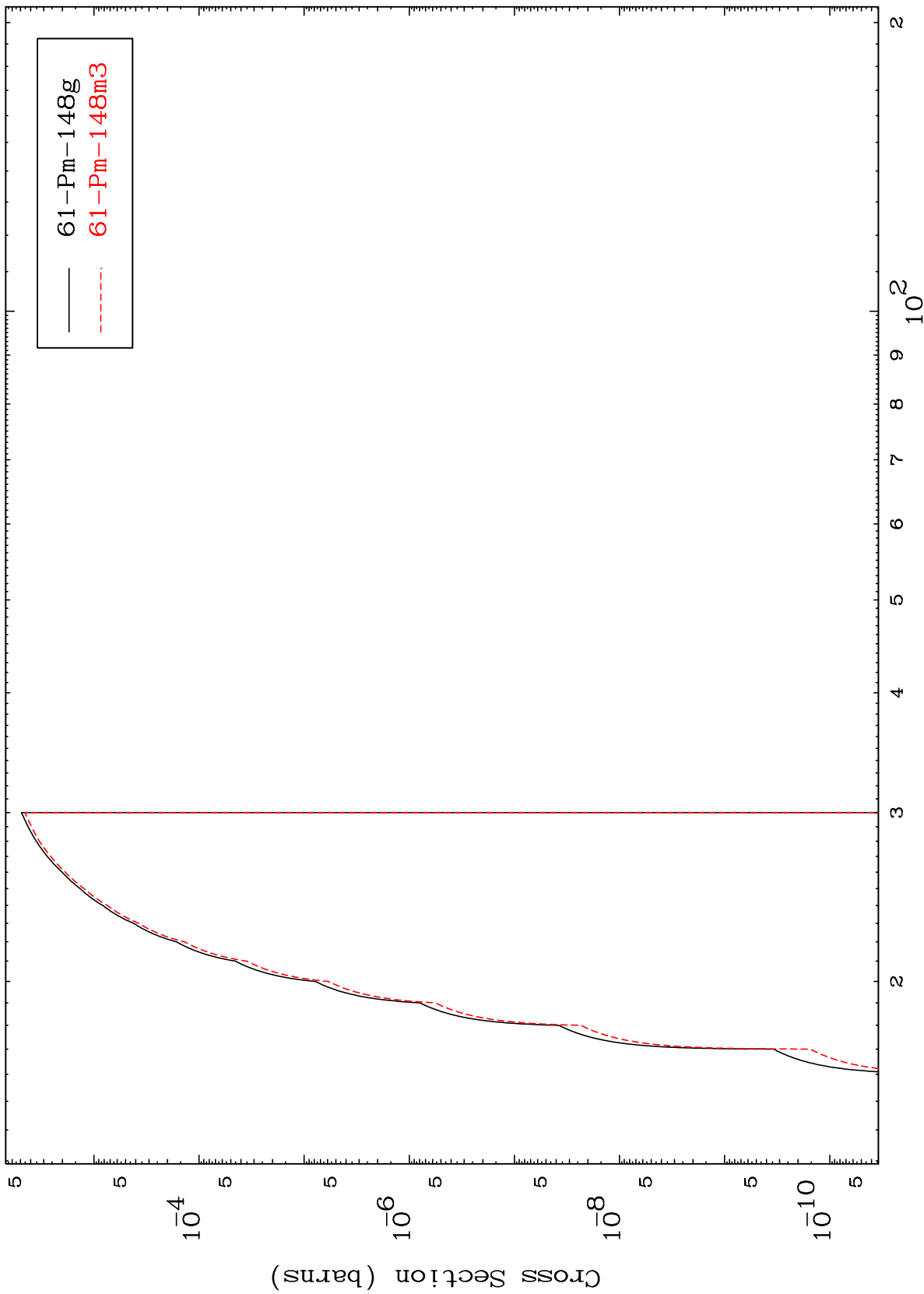


MAT 6243

(n,n') d

62-Sm-150

Radionuclide Production Cross Section



134

Incident Energy (MeV)

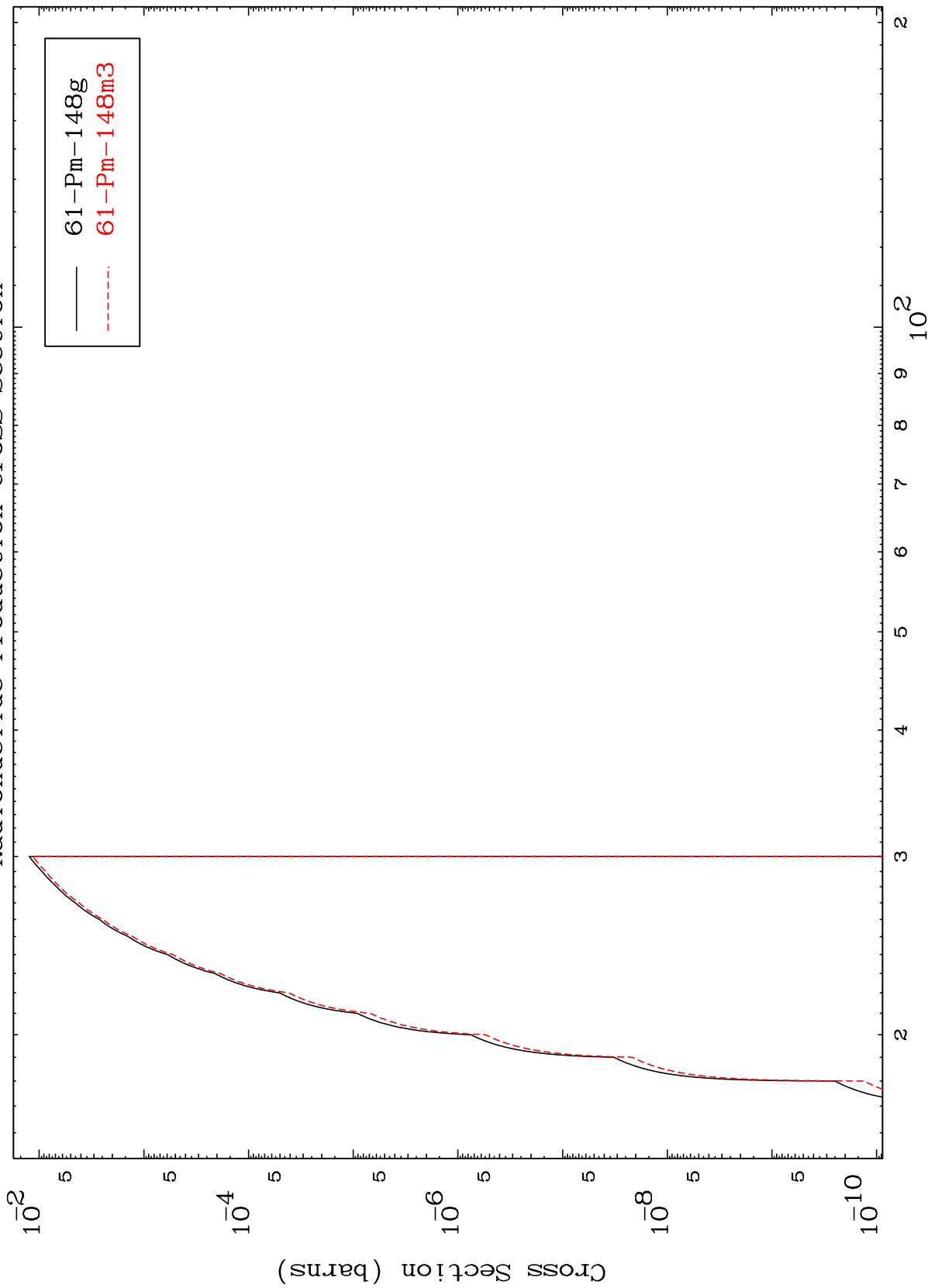
62-Sm-150

MAT 6243

(n,2n) p

62-Sm-150

Radionuclide Production Cross Section



135

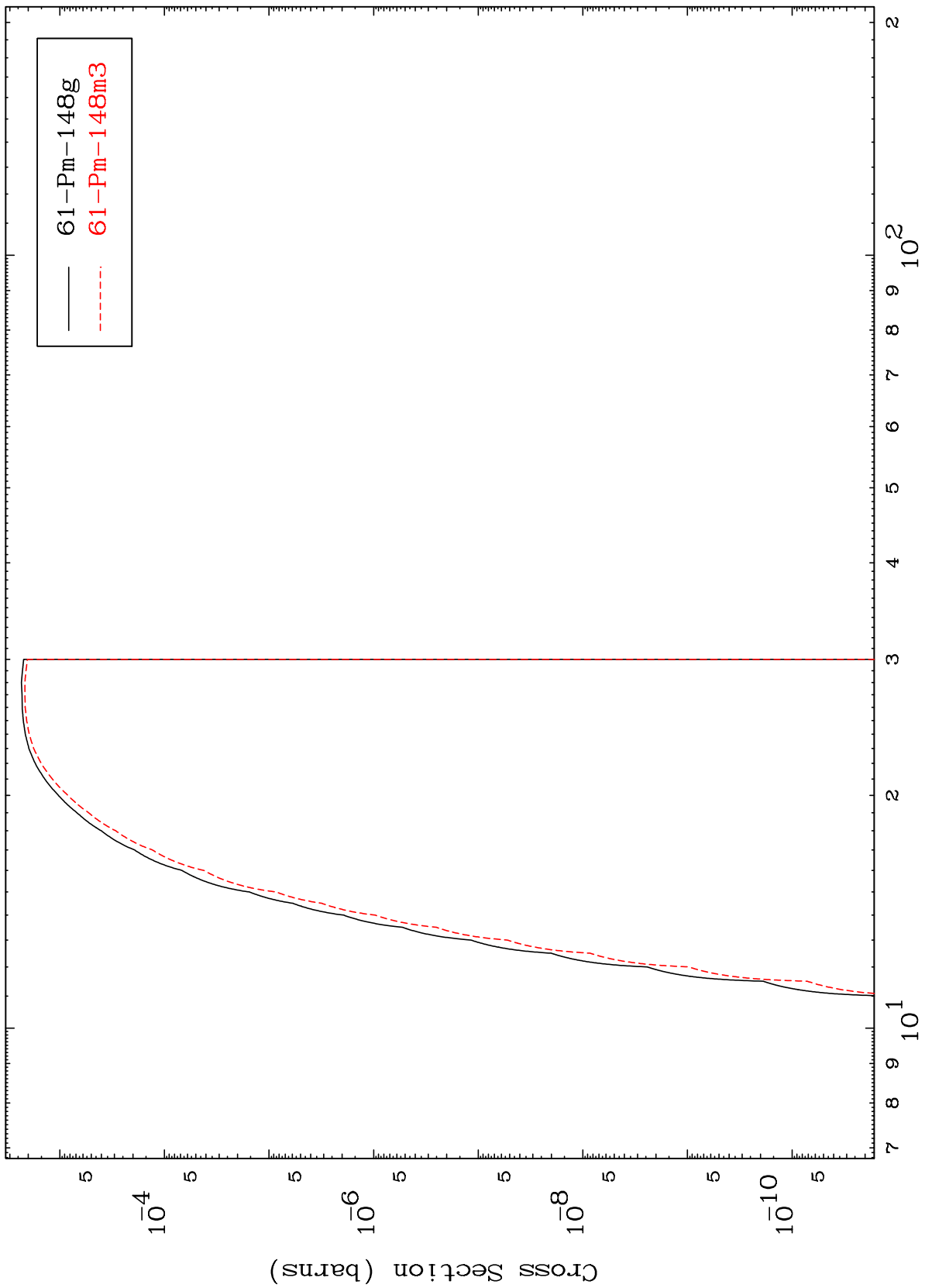
Incident Energy (MeV)

62-Sm-150

MAT 6243

62-Sm-150

(n,t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

62-Sm-150