

Program EVALPLOT
(Version 2015-2)

by

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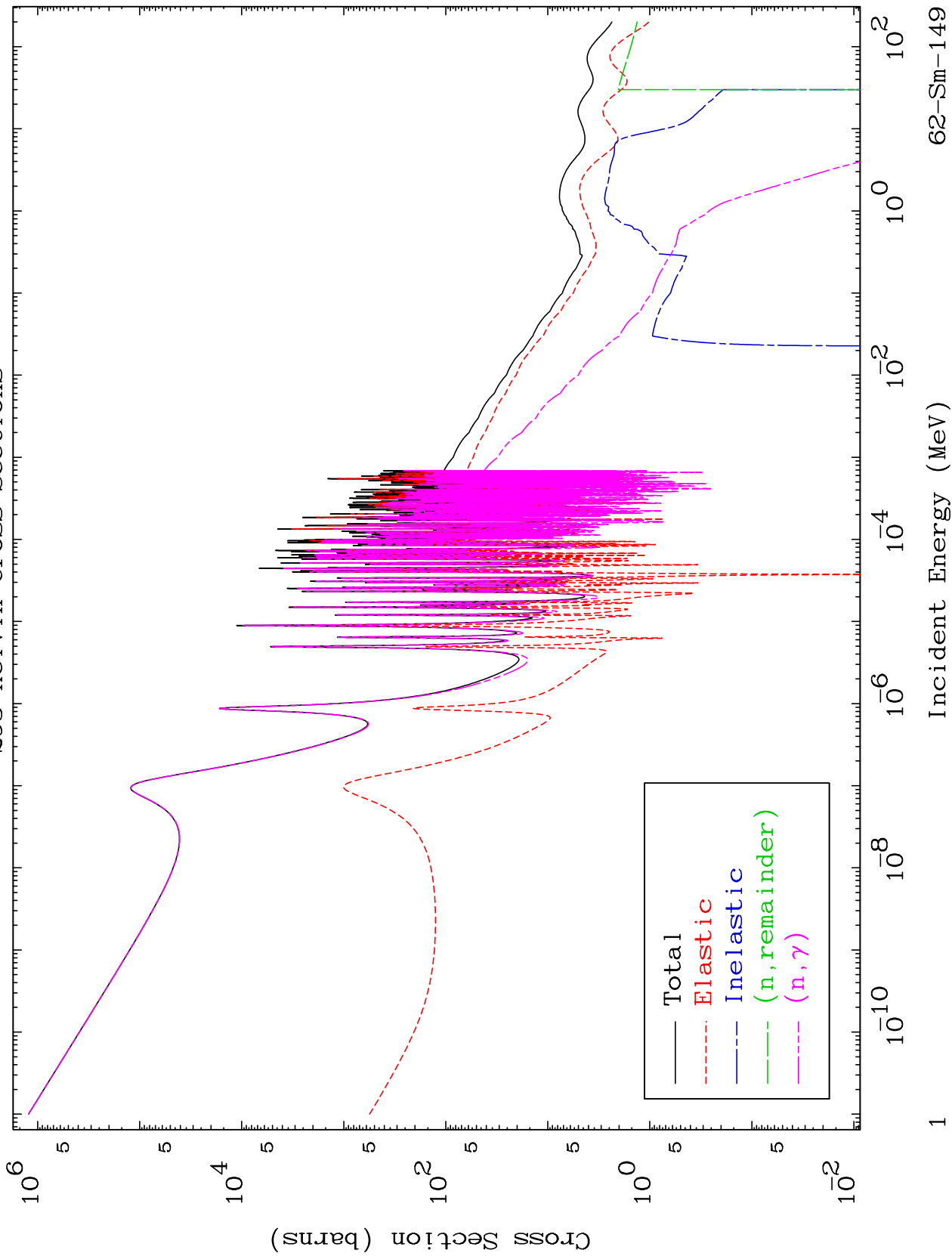
Press Mouse Button to Start

MAT 6240

Major

293 Kelvin Cross Sections

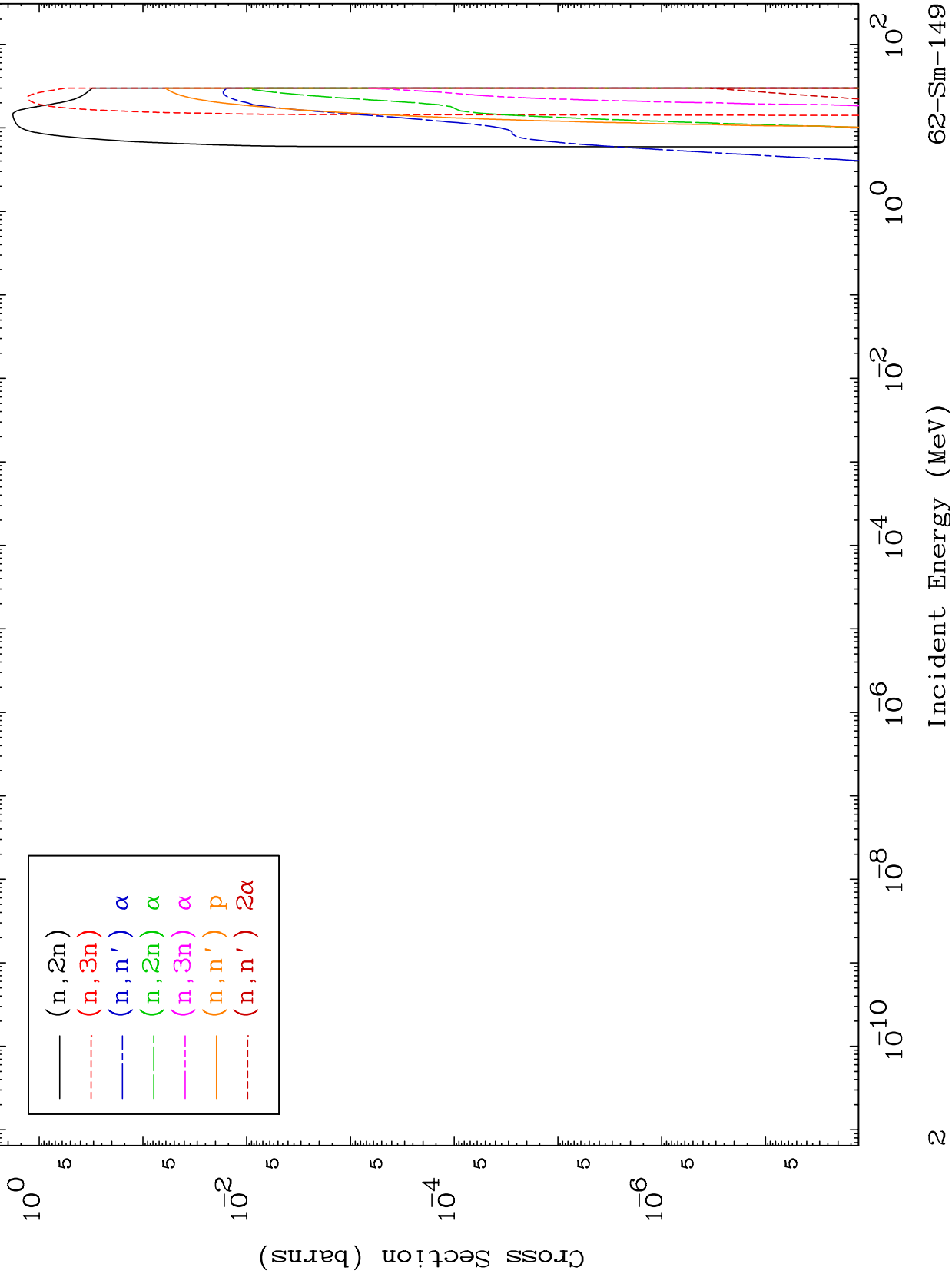
62-Sm-149



MAT 6240

Neutron Production
293 Kelvin Cross Sections

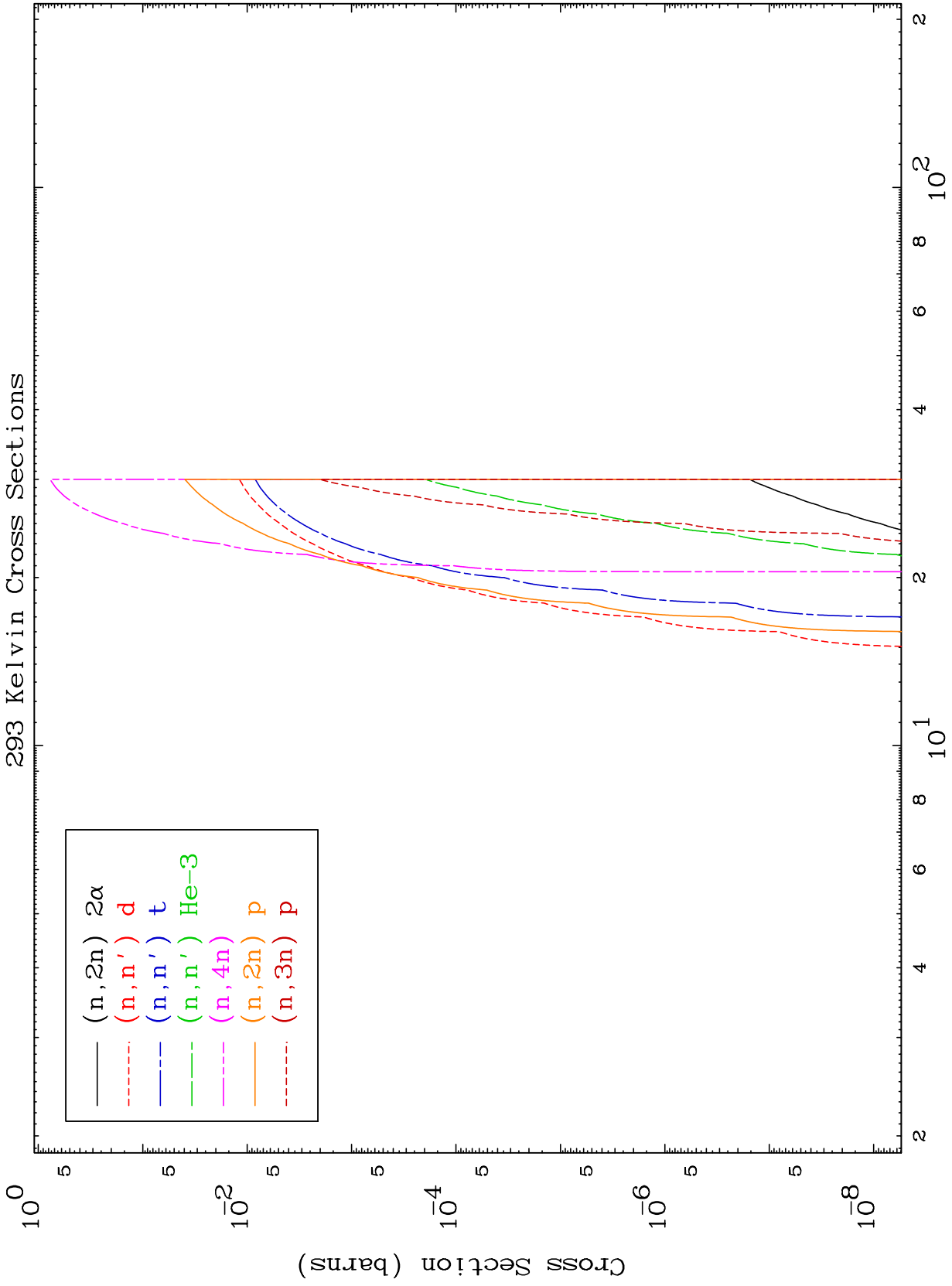
62-Sm-149



MAT 6240

Neutron Production
293 Kelvin Cross Sections

62-Sm-149



3

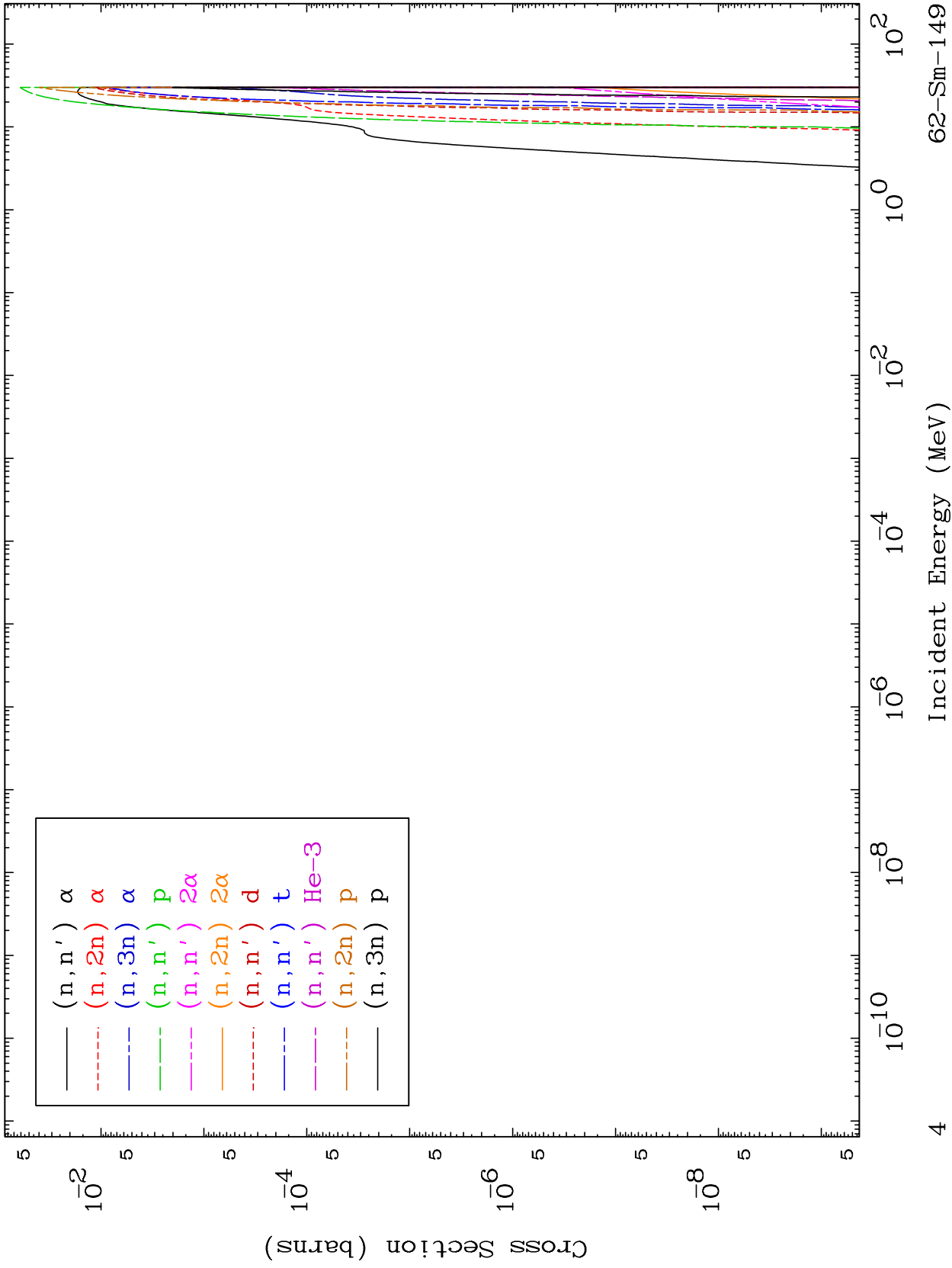
Incident Energy (MeV)

62-Sm-149

MAT 6240

Charged Particle
293 Kelvin Cross Sections

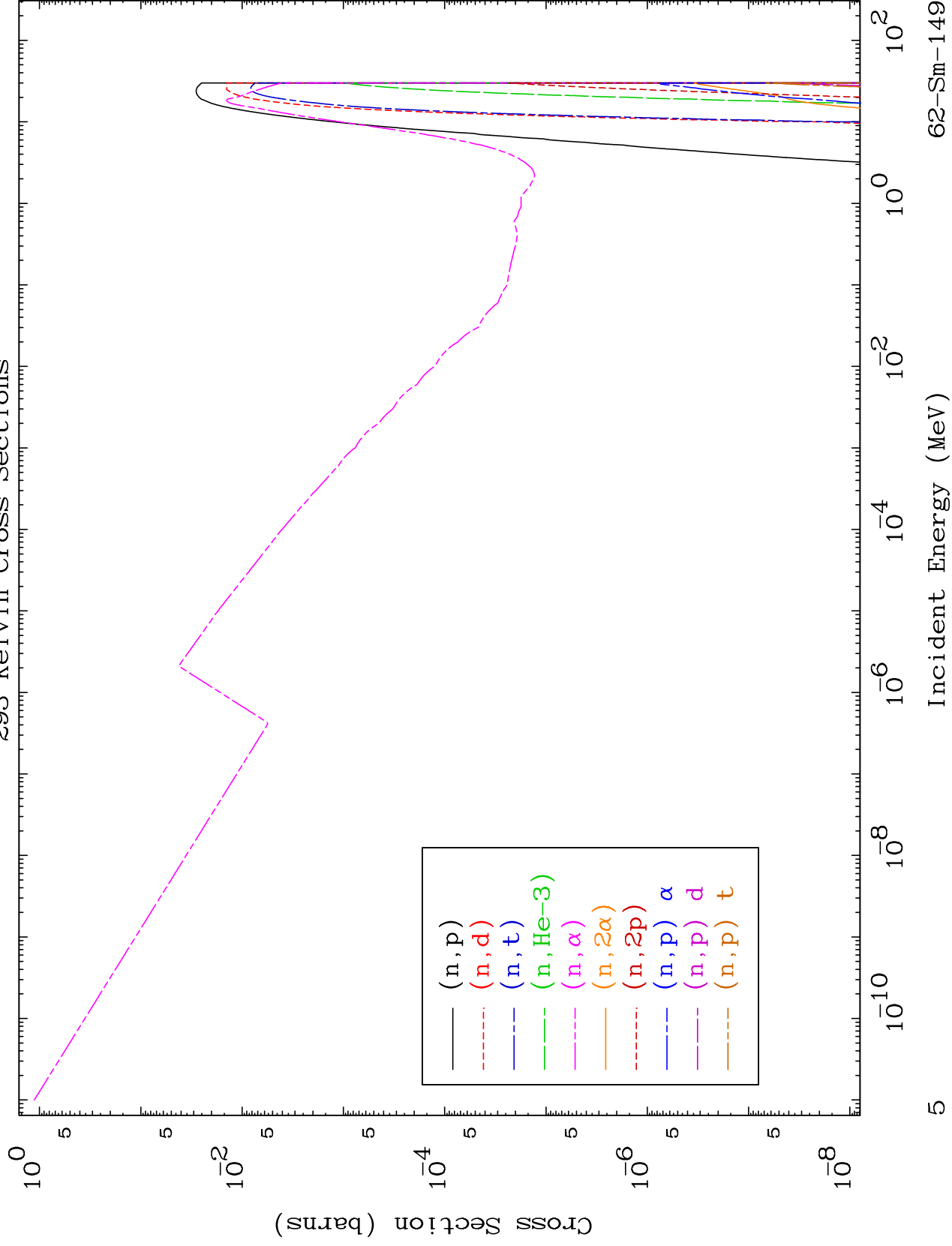
62-Sm-149



MAT 6240

Charged Particle
293 Kelvin Cross Sections

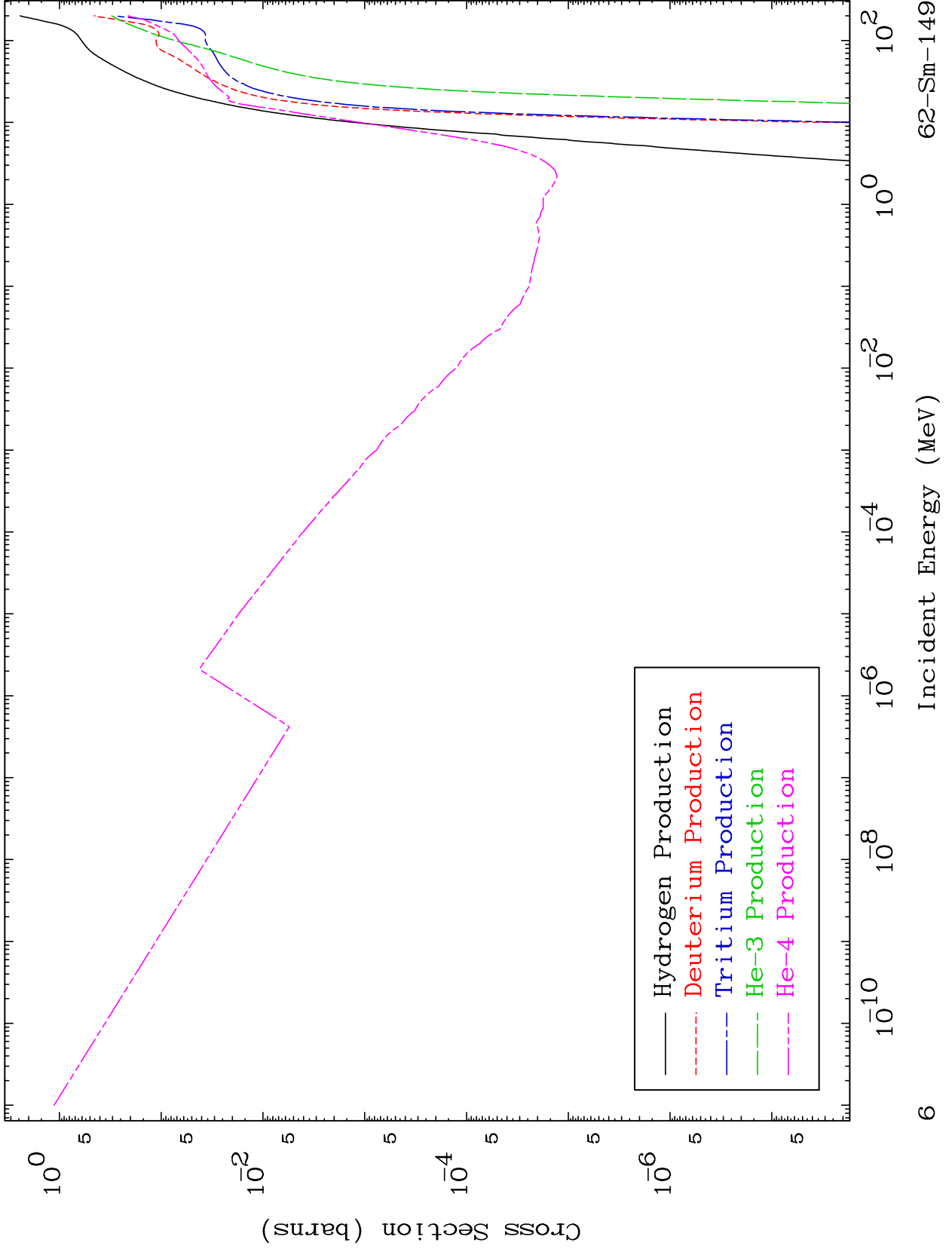
62-Sm-149



MAT 6240

Particle Production
293 Kelvin Cross Sections

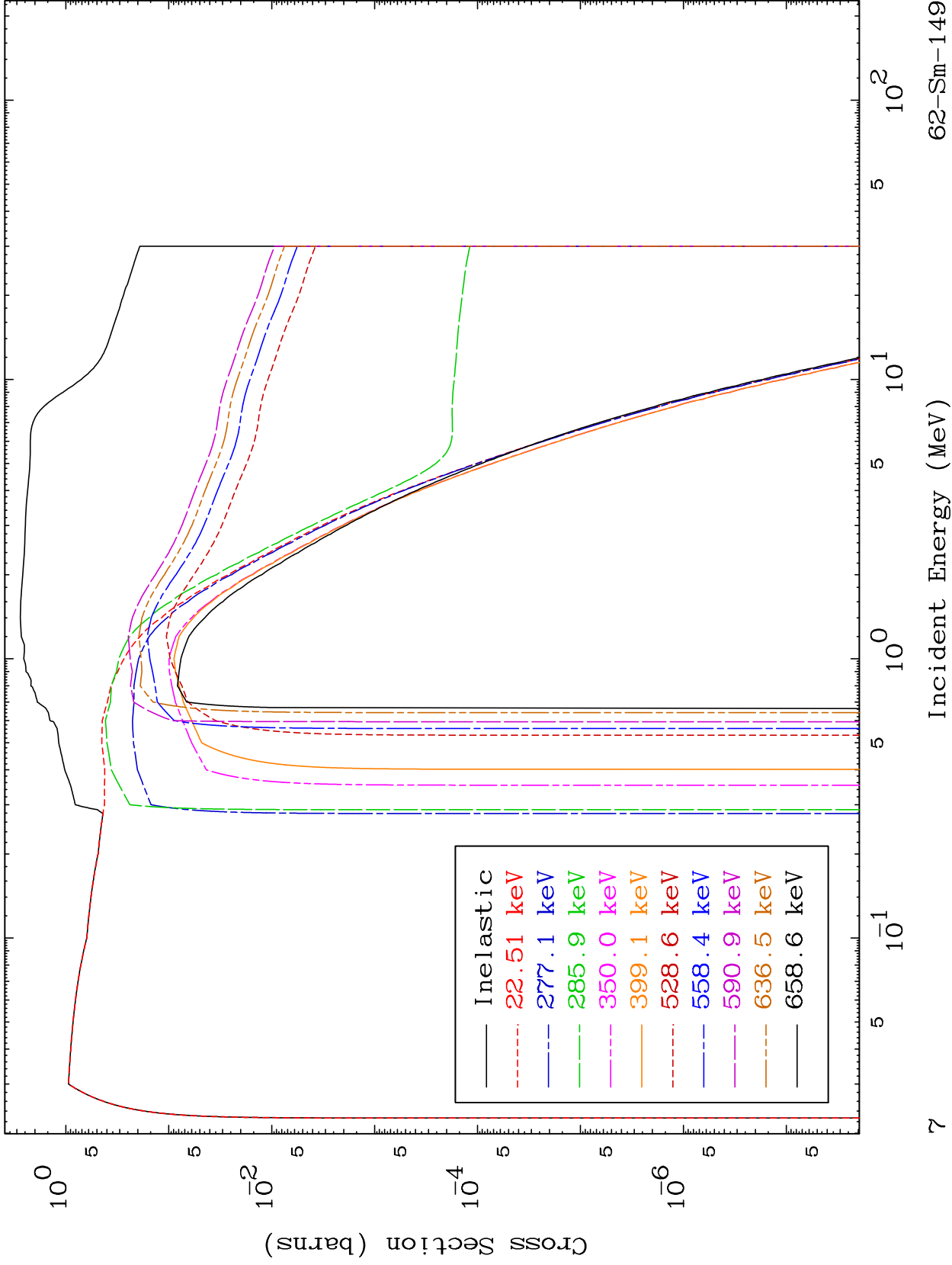
62-Sm-149



MAT 6240

(n,n') Level
293 Kelvin Cross Sections

62-Sm-149

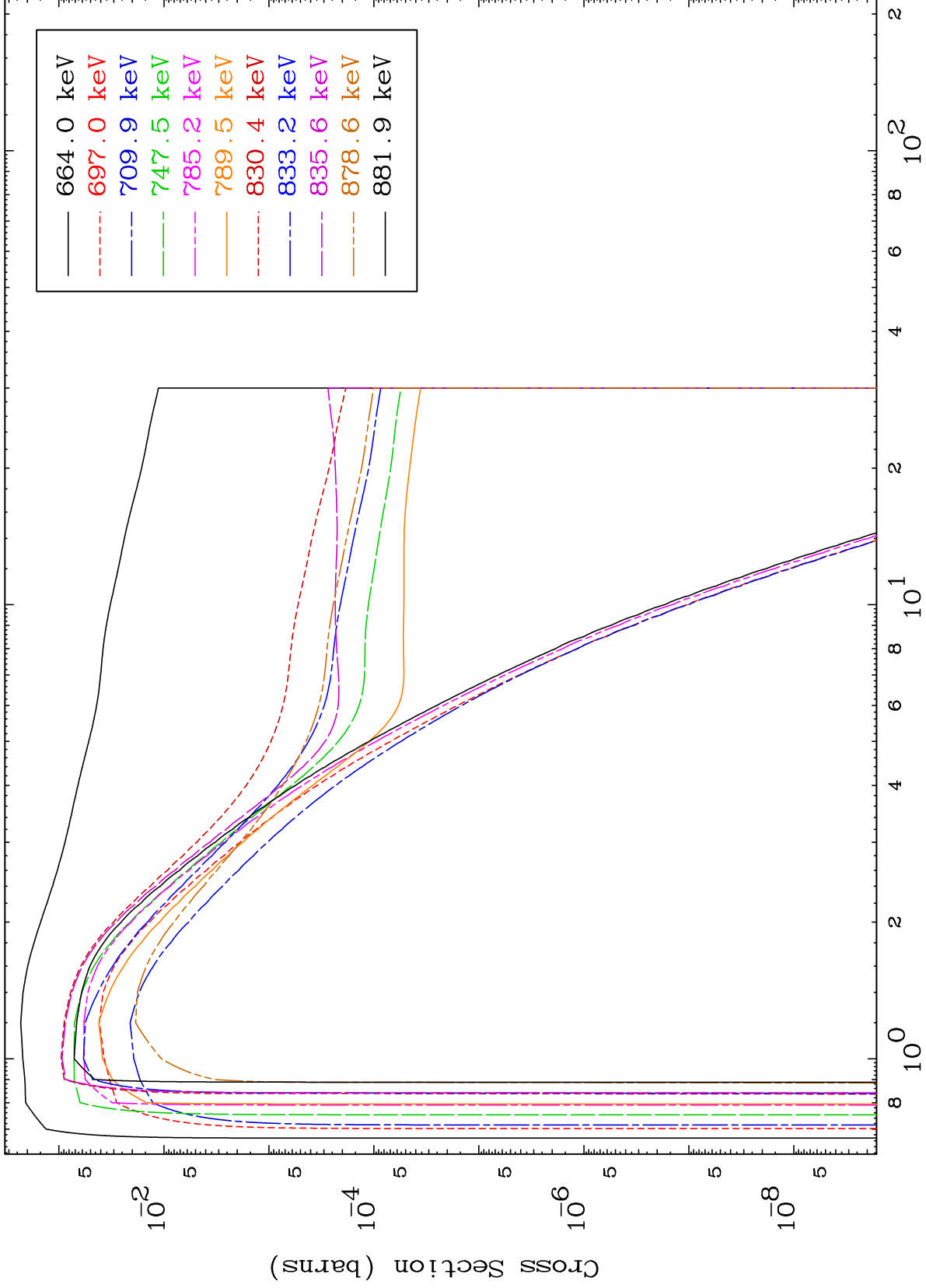


MAT 6240

(n,n') Level

62-Sm-149

293 Kelvin Cross Sections



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Incident Energy (MeV)

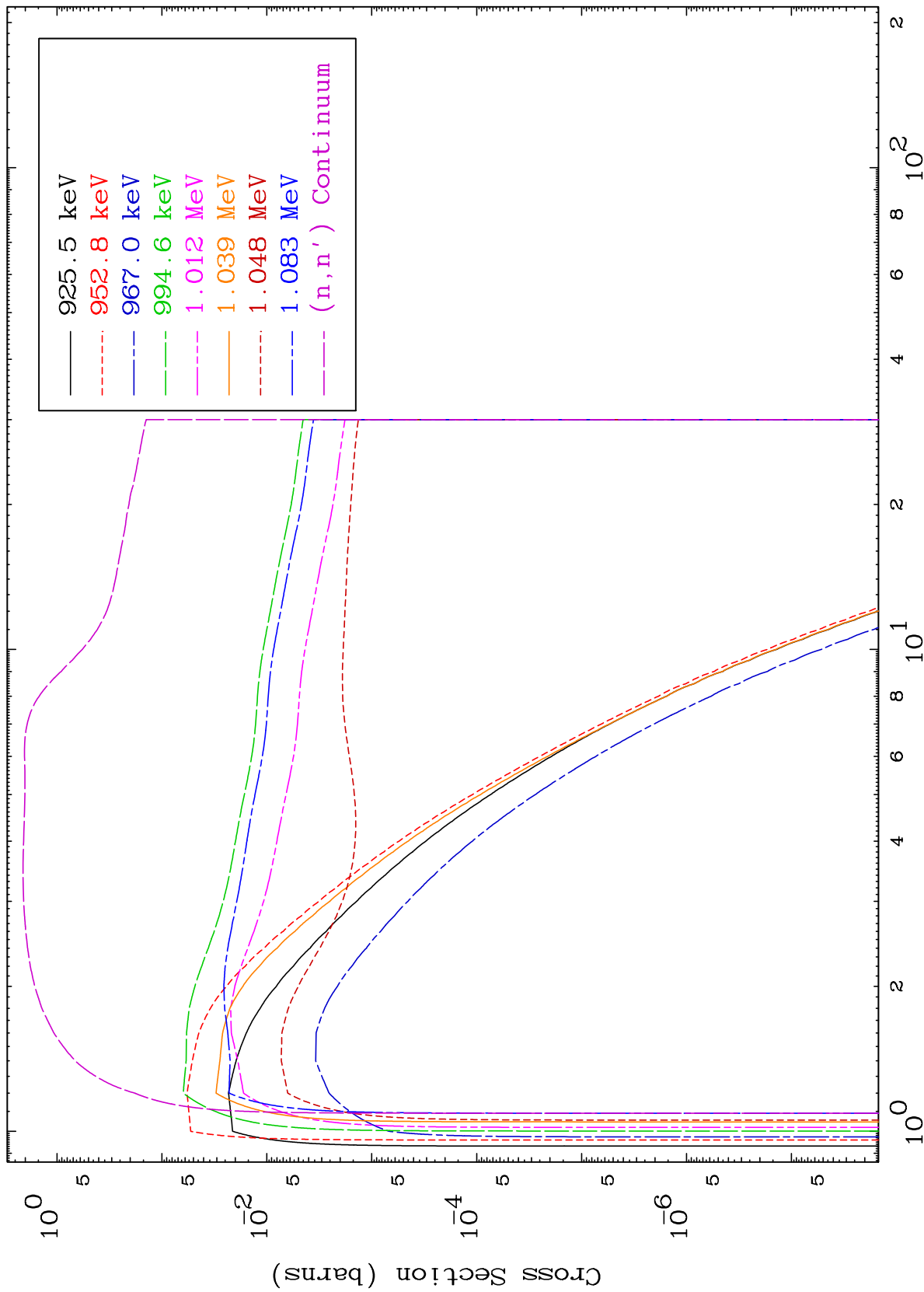
62-Sm-149

MAT 6240

(n,n') Level

62-Sm-149

293 Kelvin Cross Sections



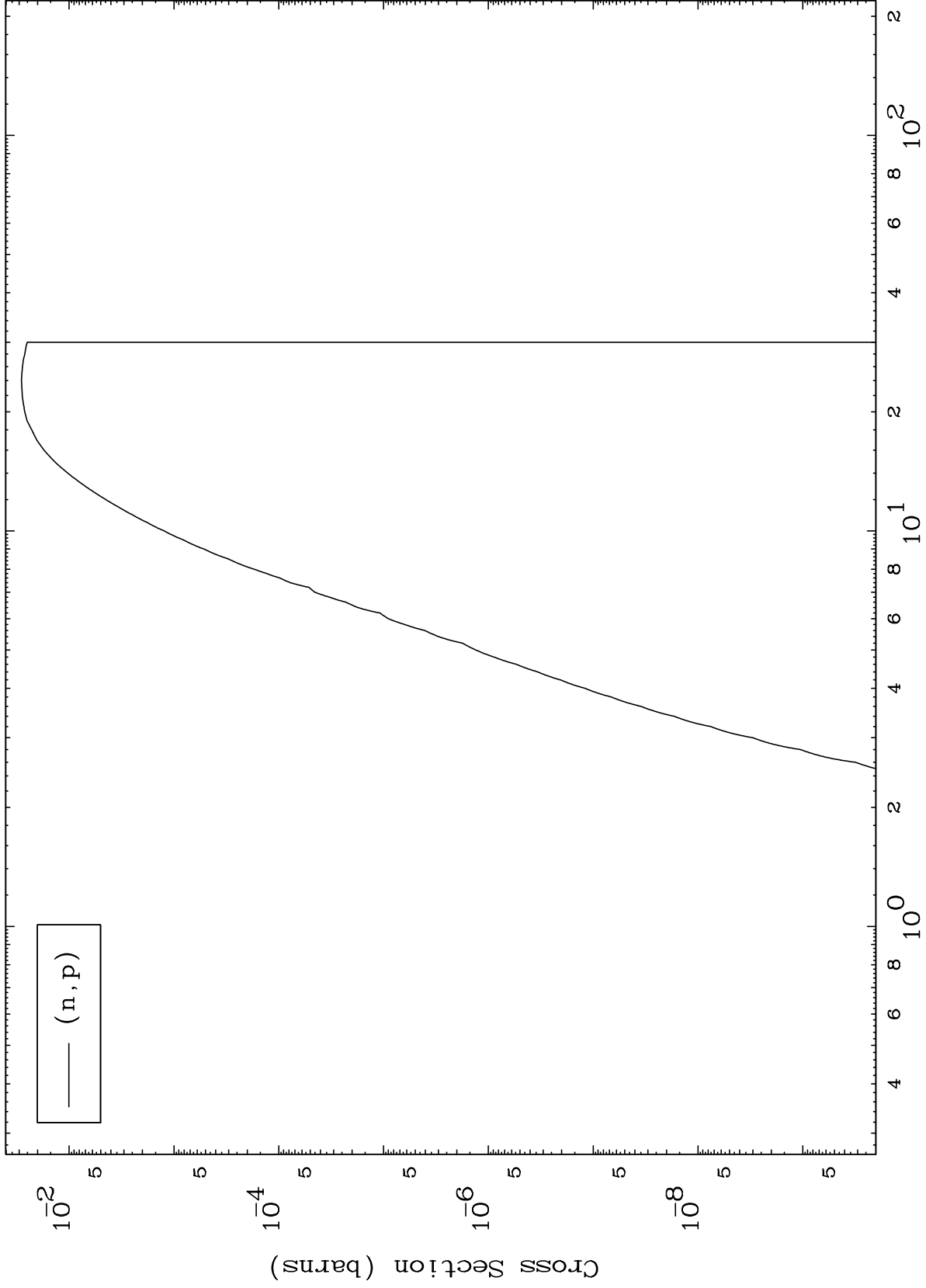
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-149



10

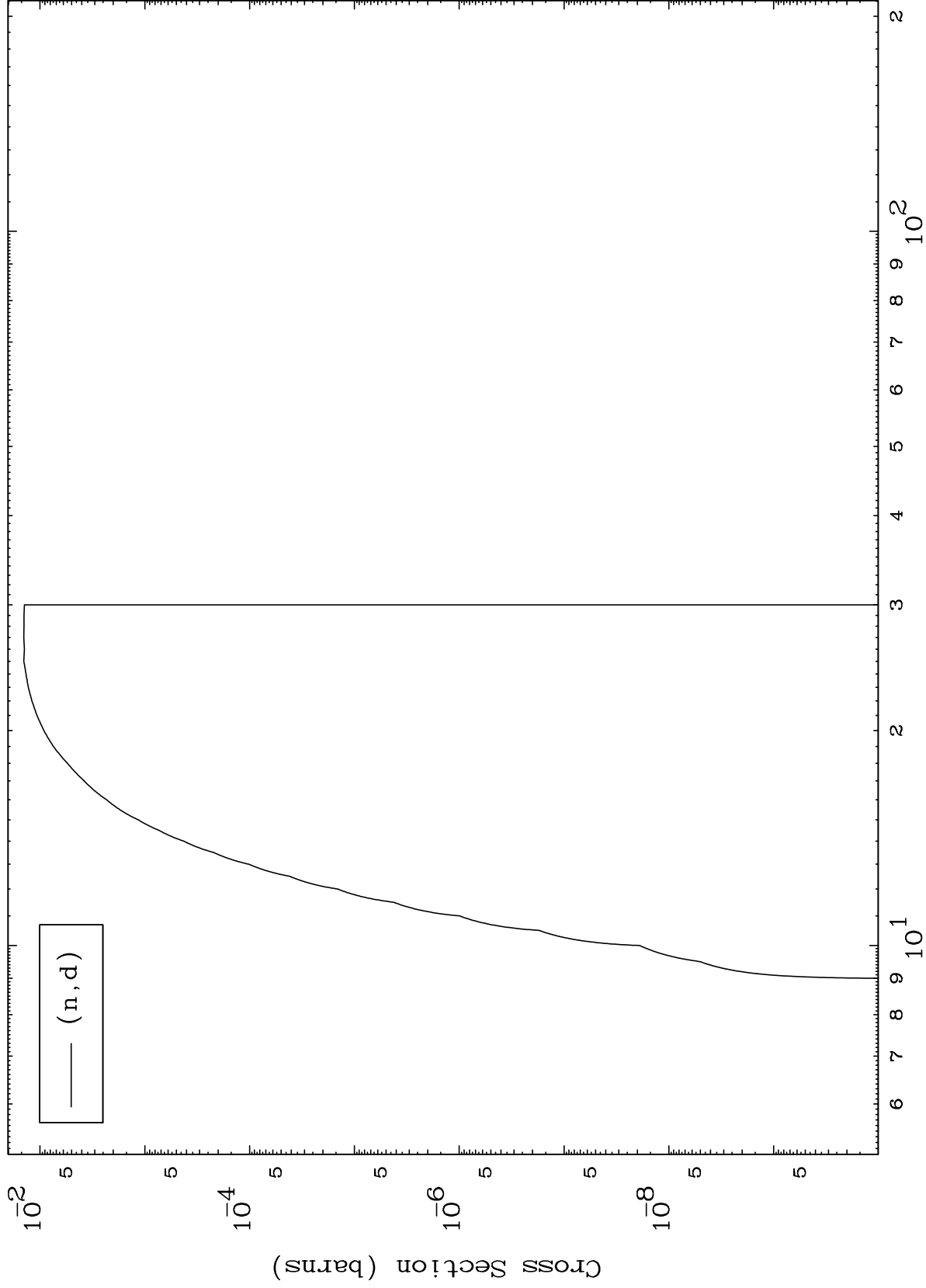
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-149



11

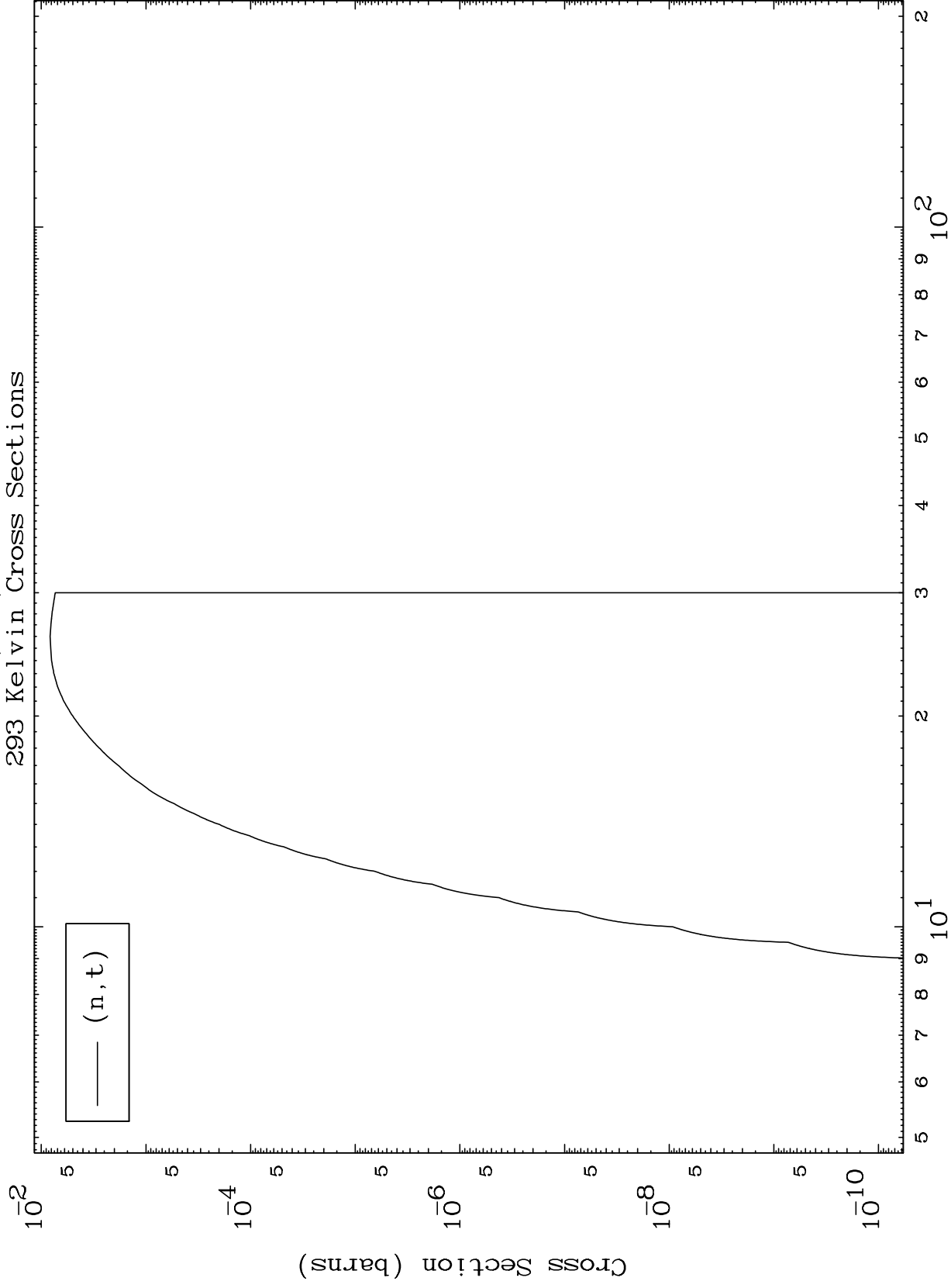
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-149



12

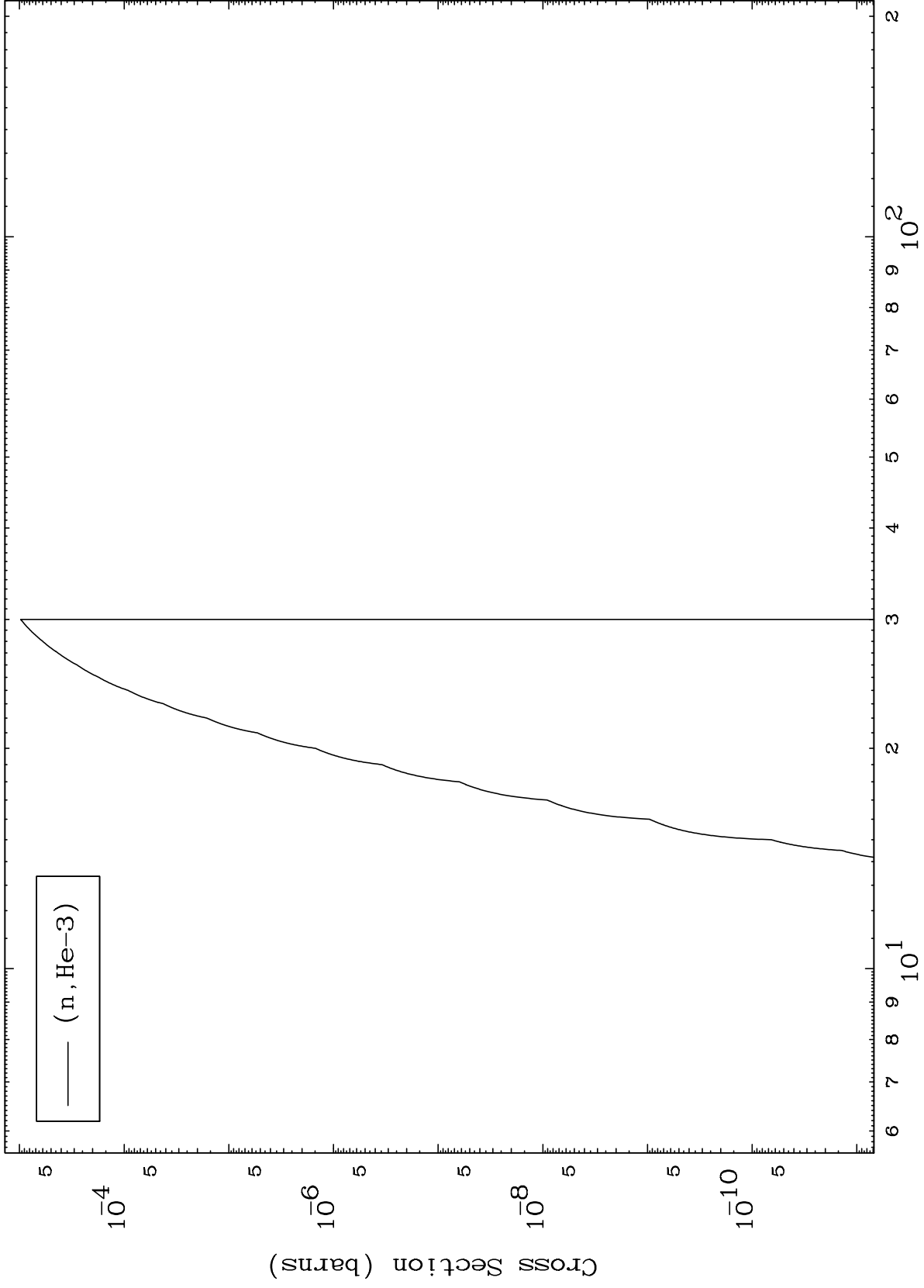
Incident Energy (MeV)

62-Sm-149

MAT 6240

(n,He3) Levels
293 Kelvin Cross Sections

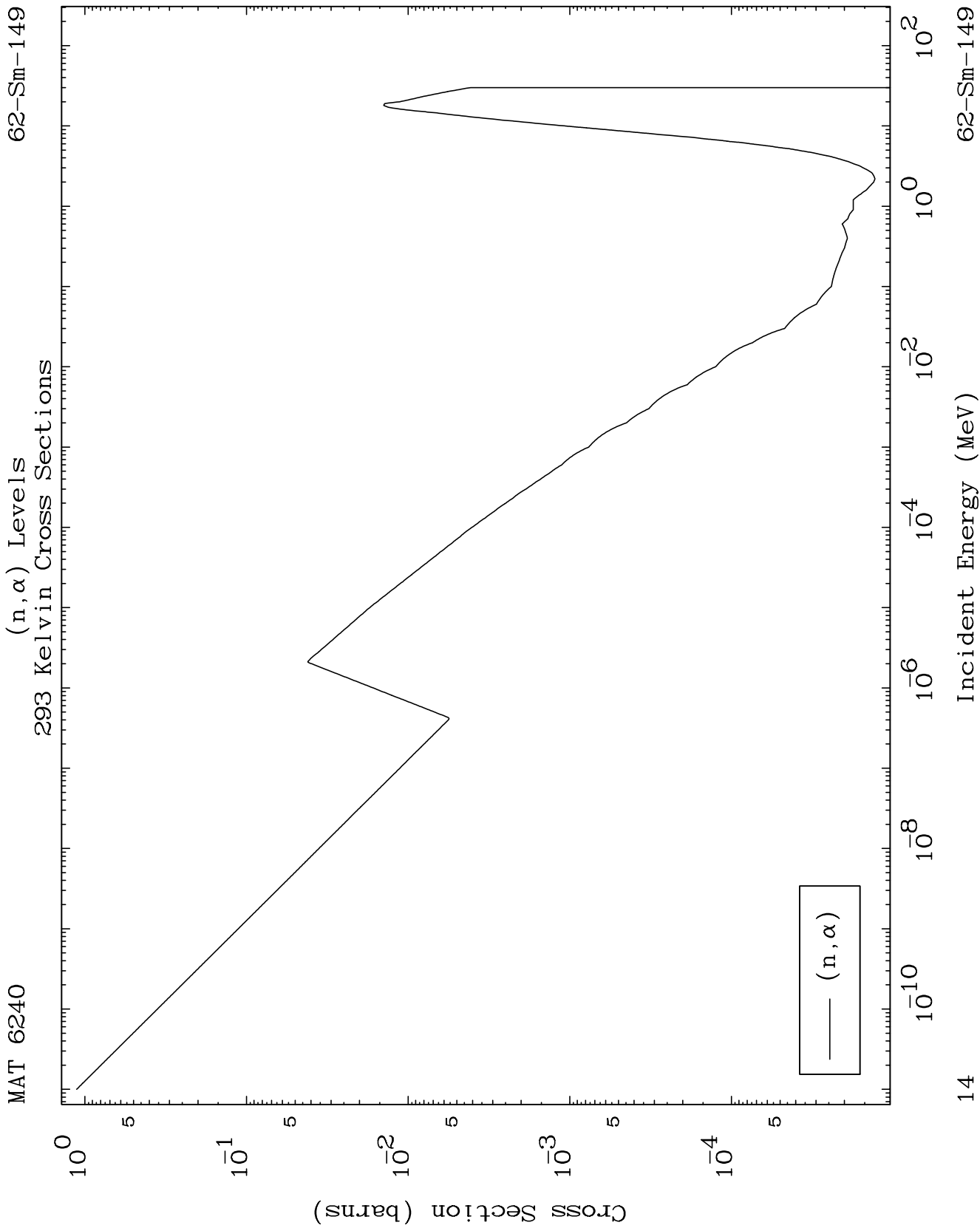
62-Sm-149

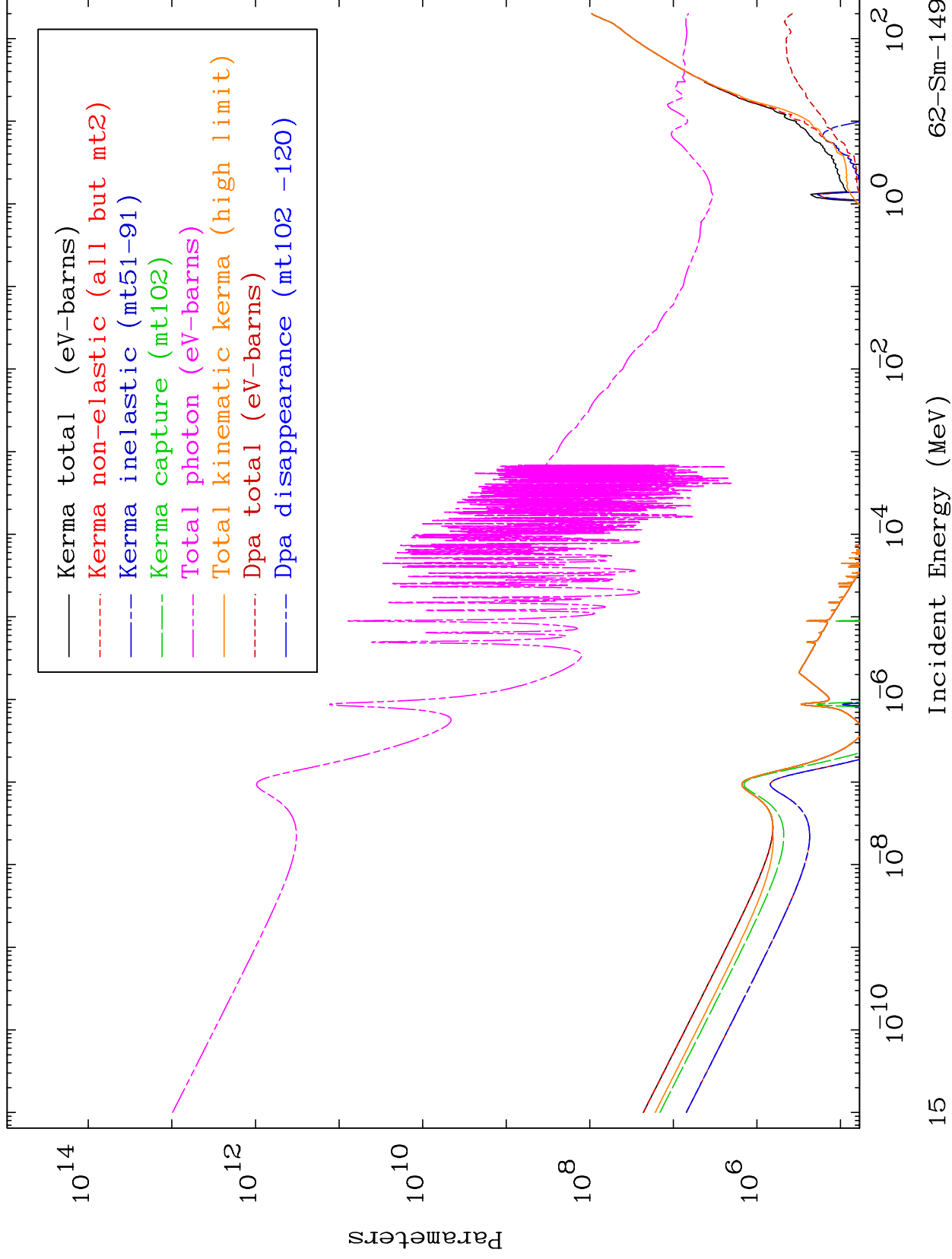


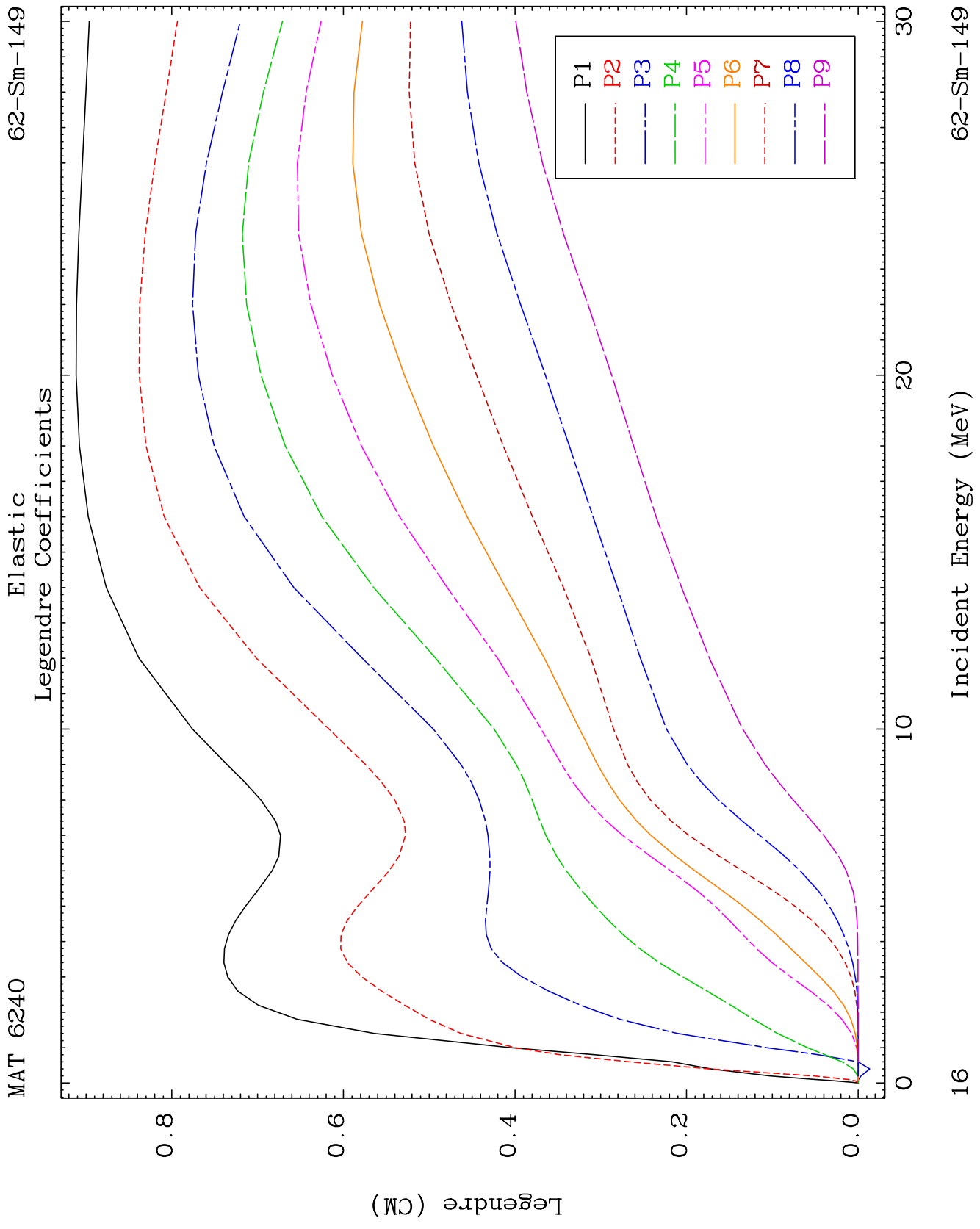
13

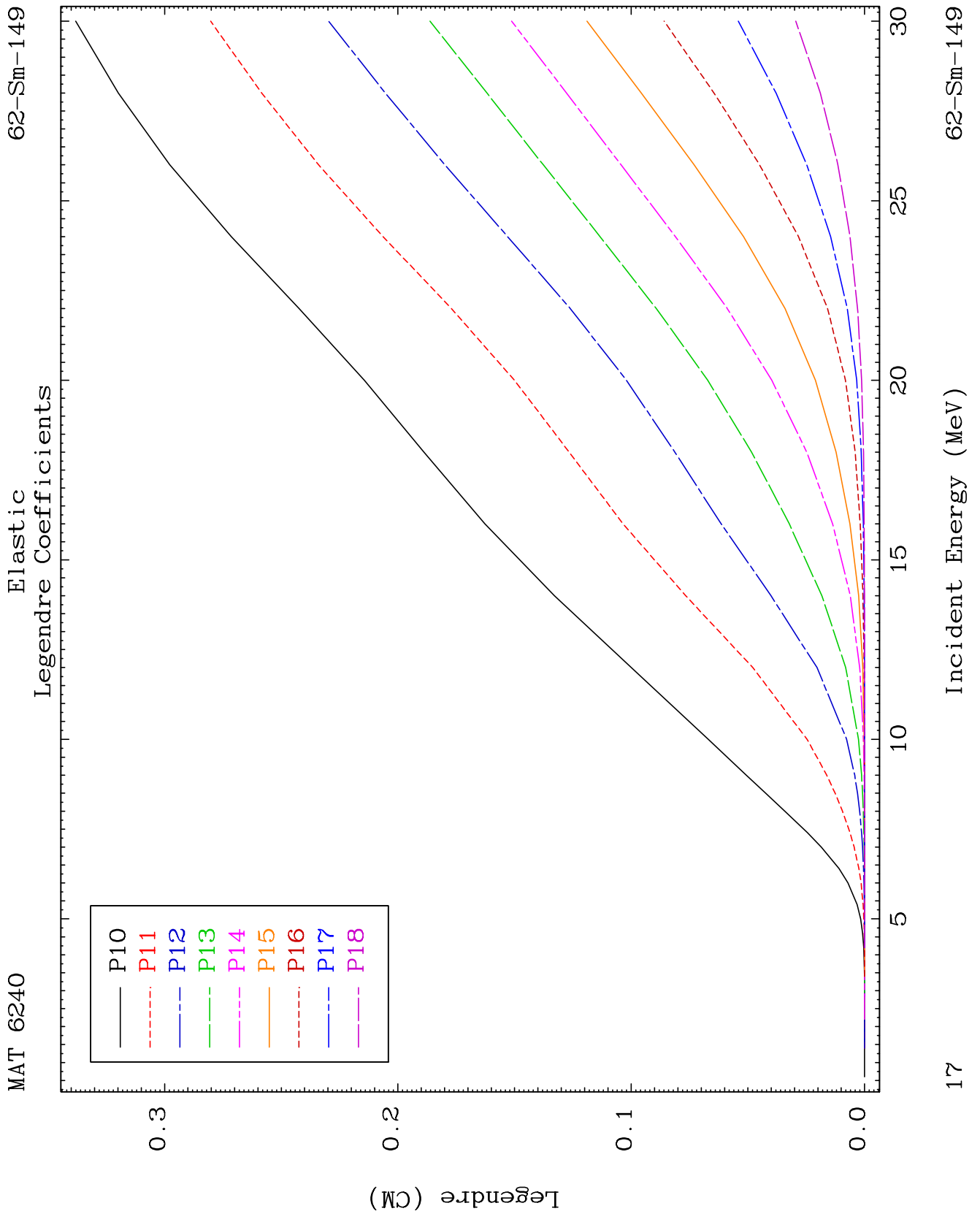
Incident Energy (MeV)

62-Sm-149





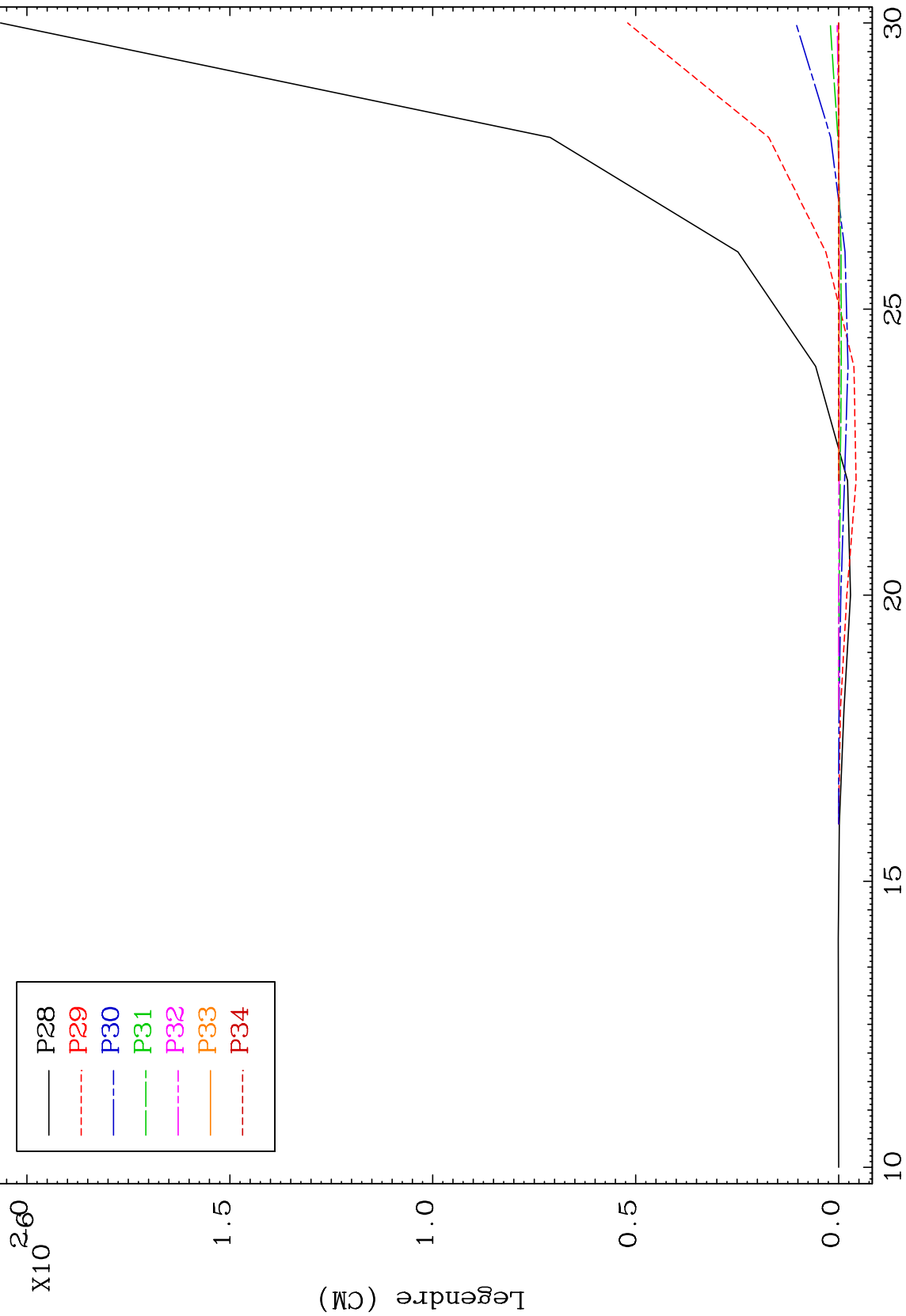




MAT 6240

Elastic
Legendre Coefficients

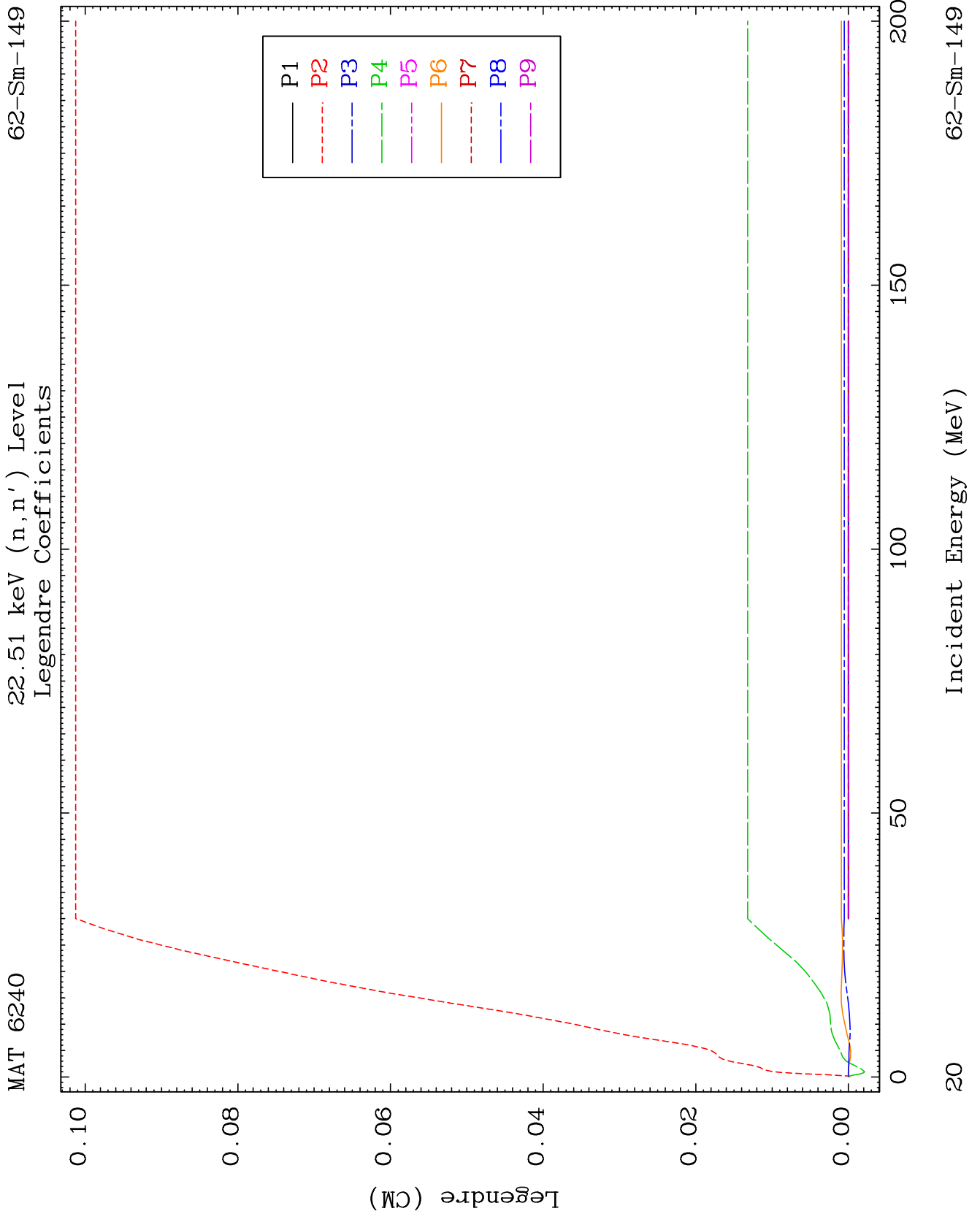
62-Sm-149



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Incident Energy (MeV)

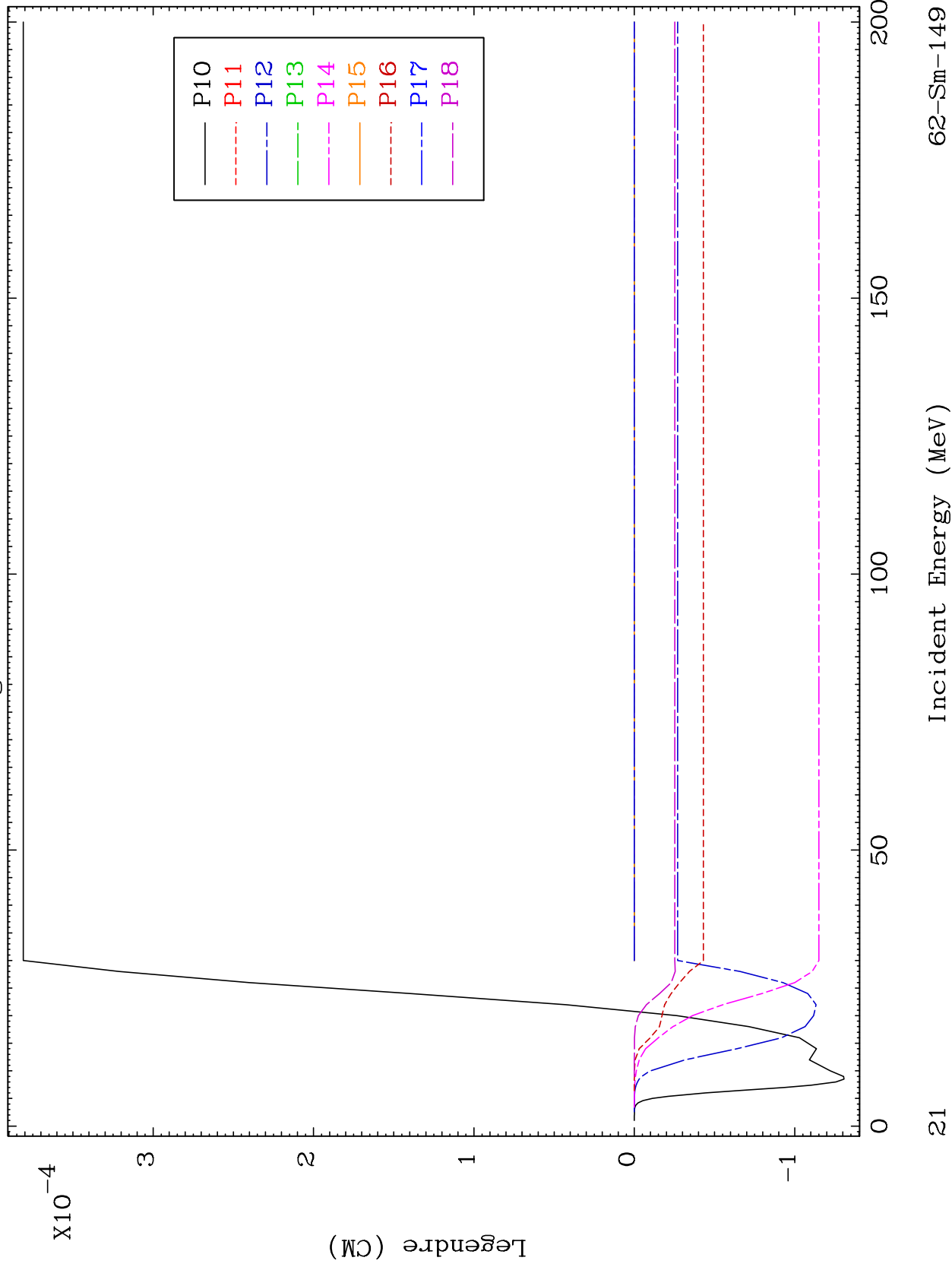
62-Sm-149



MAT 6240

22.51 keV (n,n') Level
Legendre Coefficients

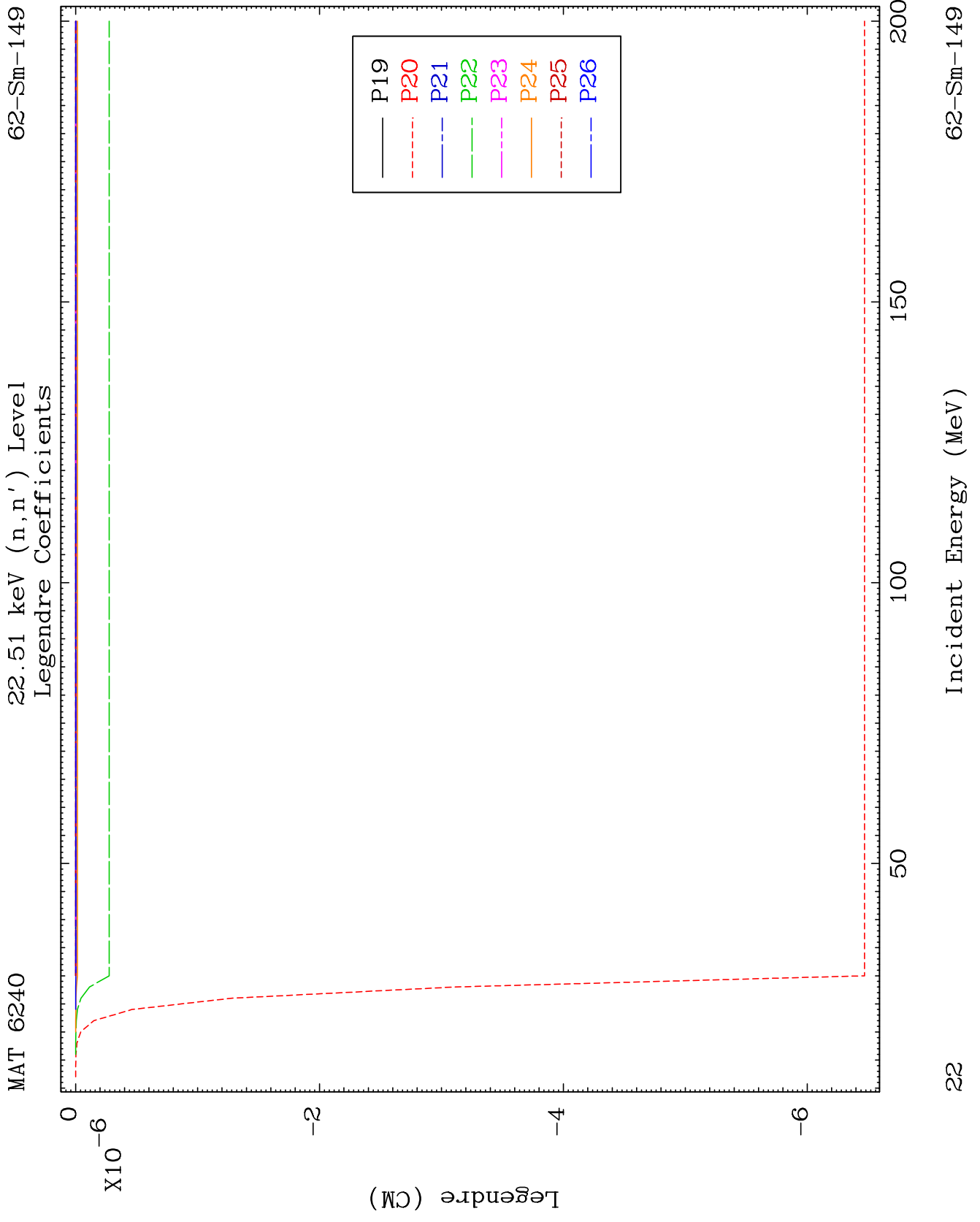
62-Sm-149

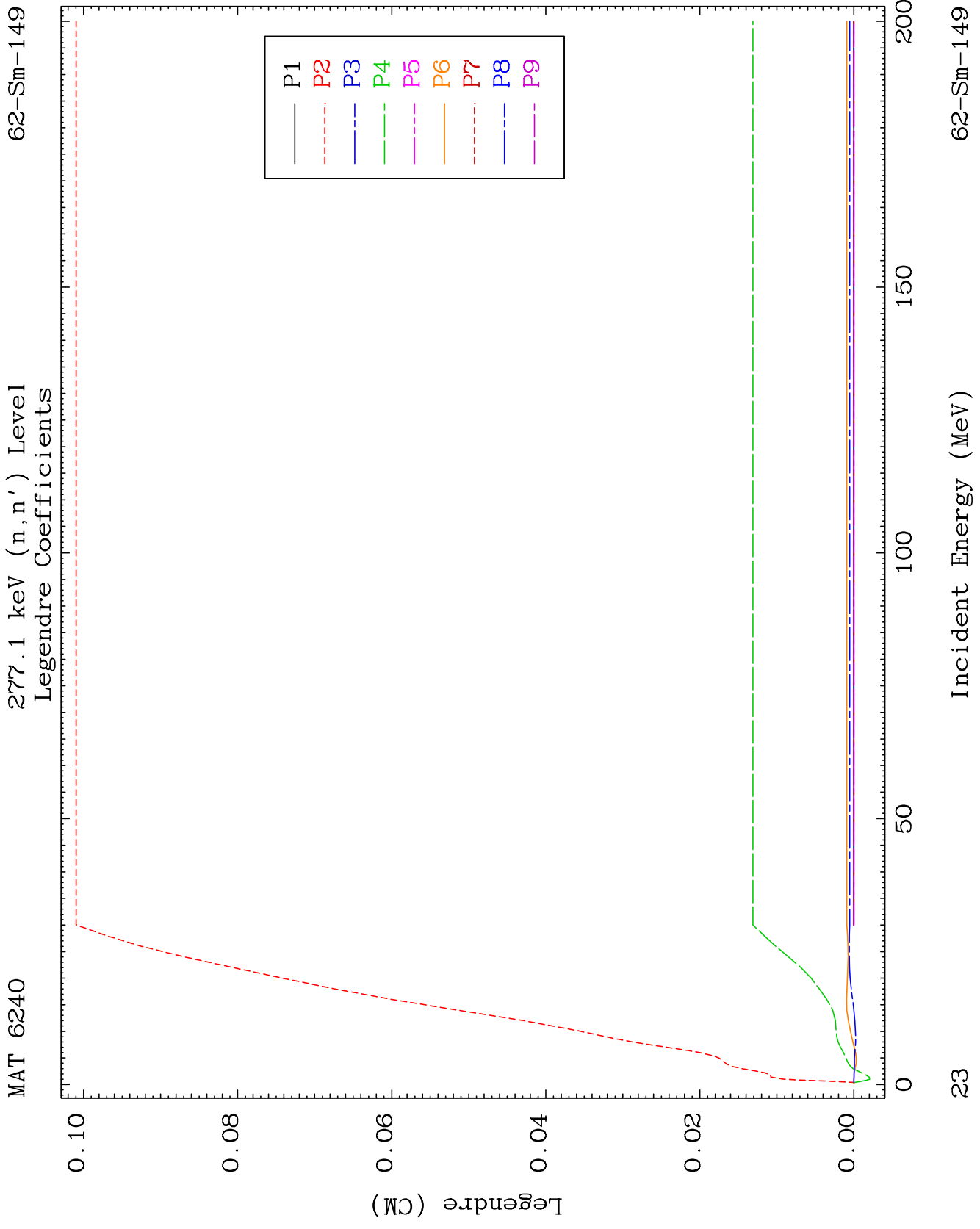


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Incident Energy (MeV)

62-Sm-149

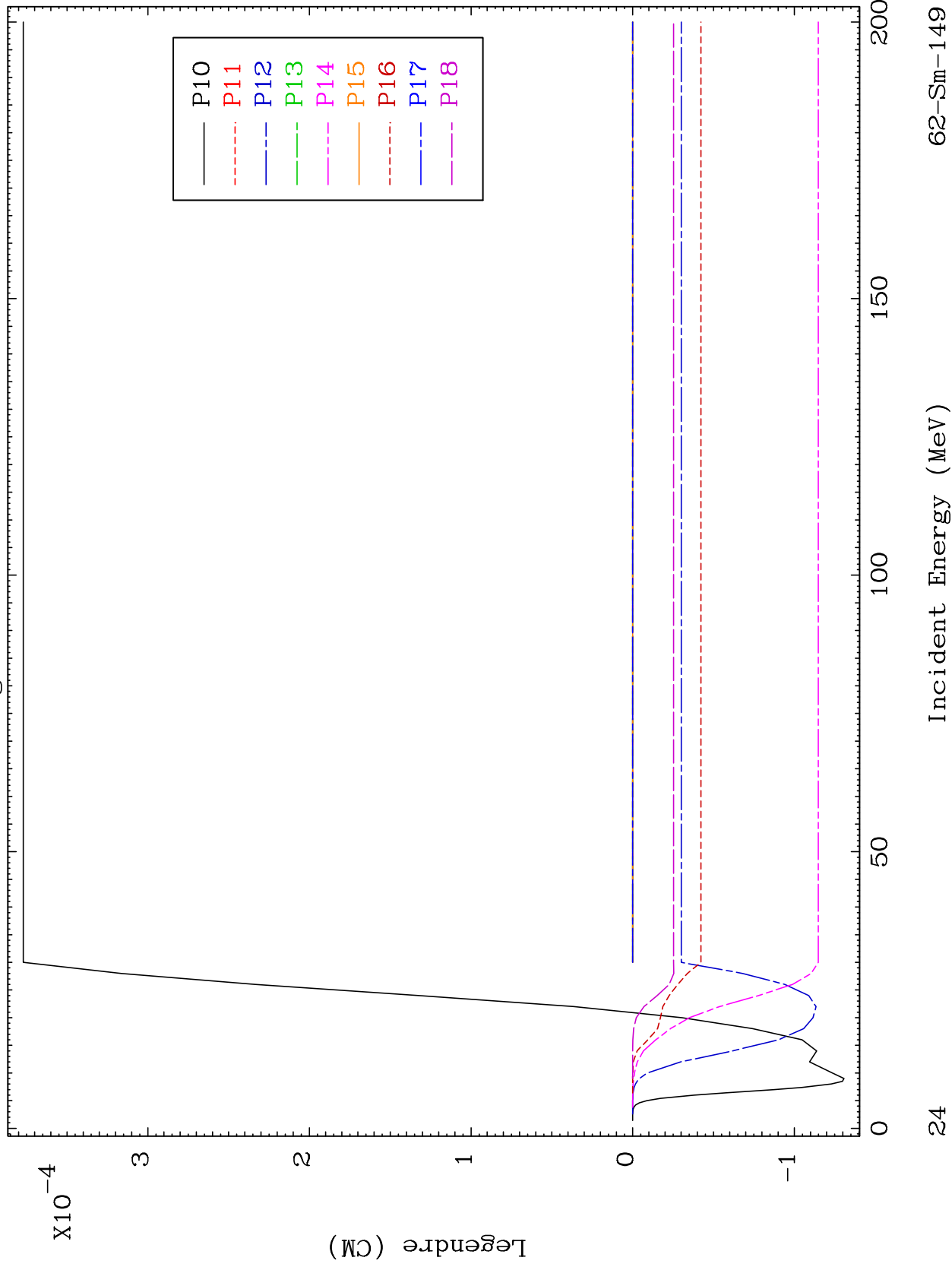




MAT 6240

277.1 keV (n,n') Level
Legendre Coefficients

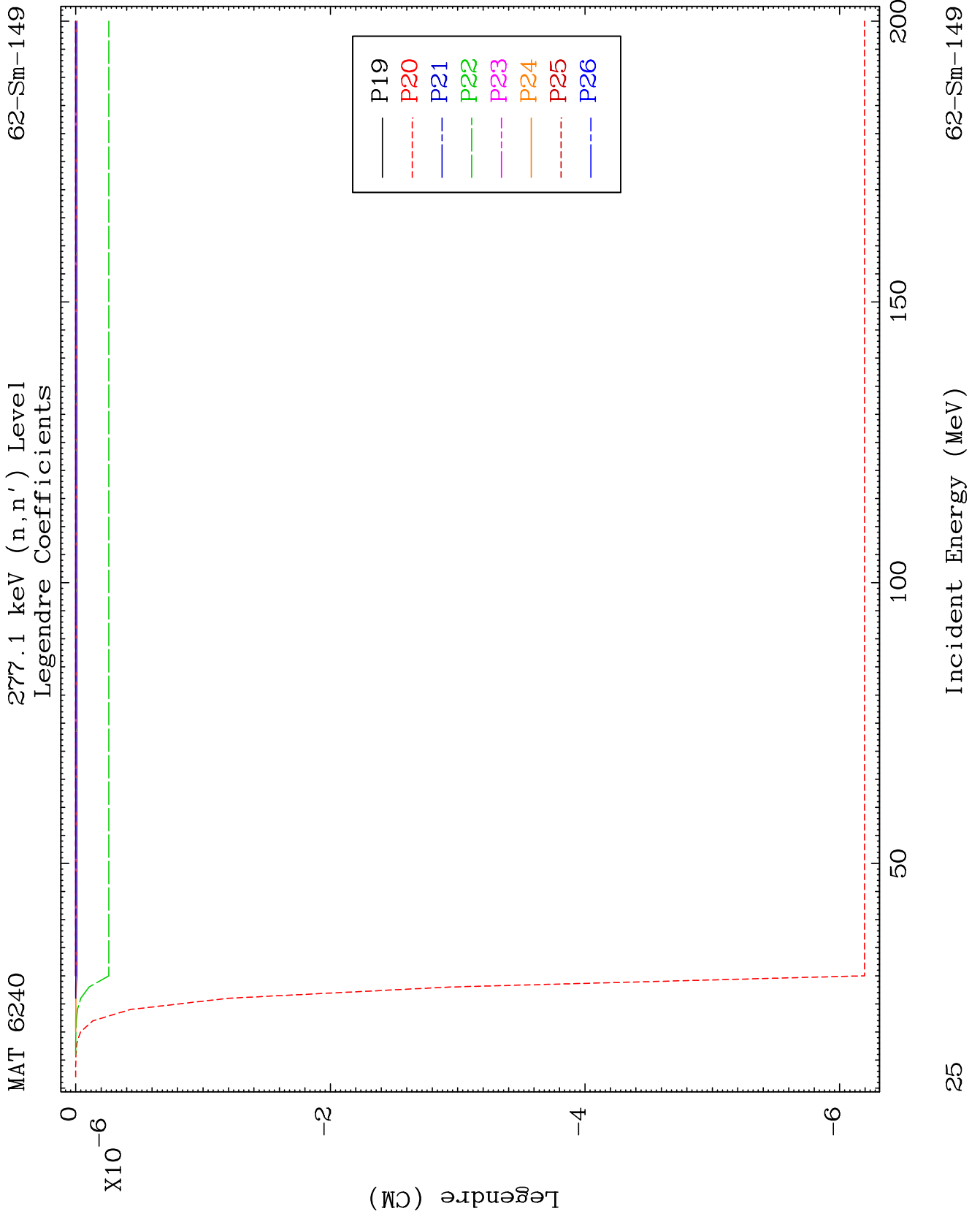
62-Sm-149

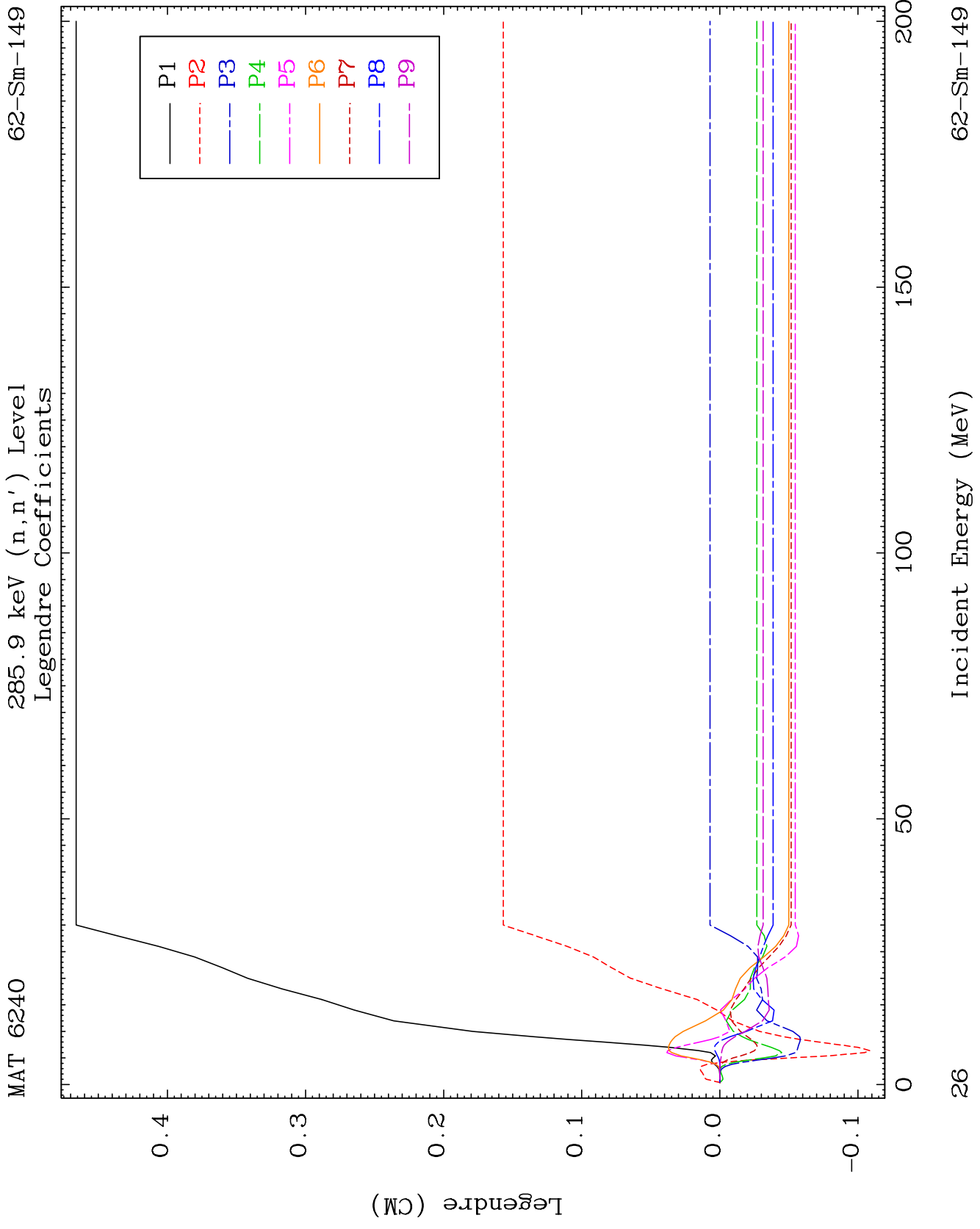


62-Sm-149

Incident Energy (MeV)

24

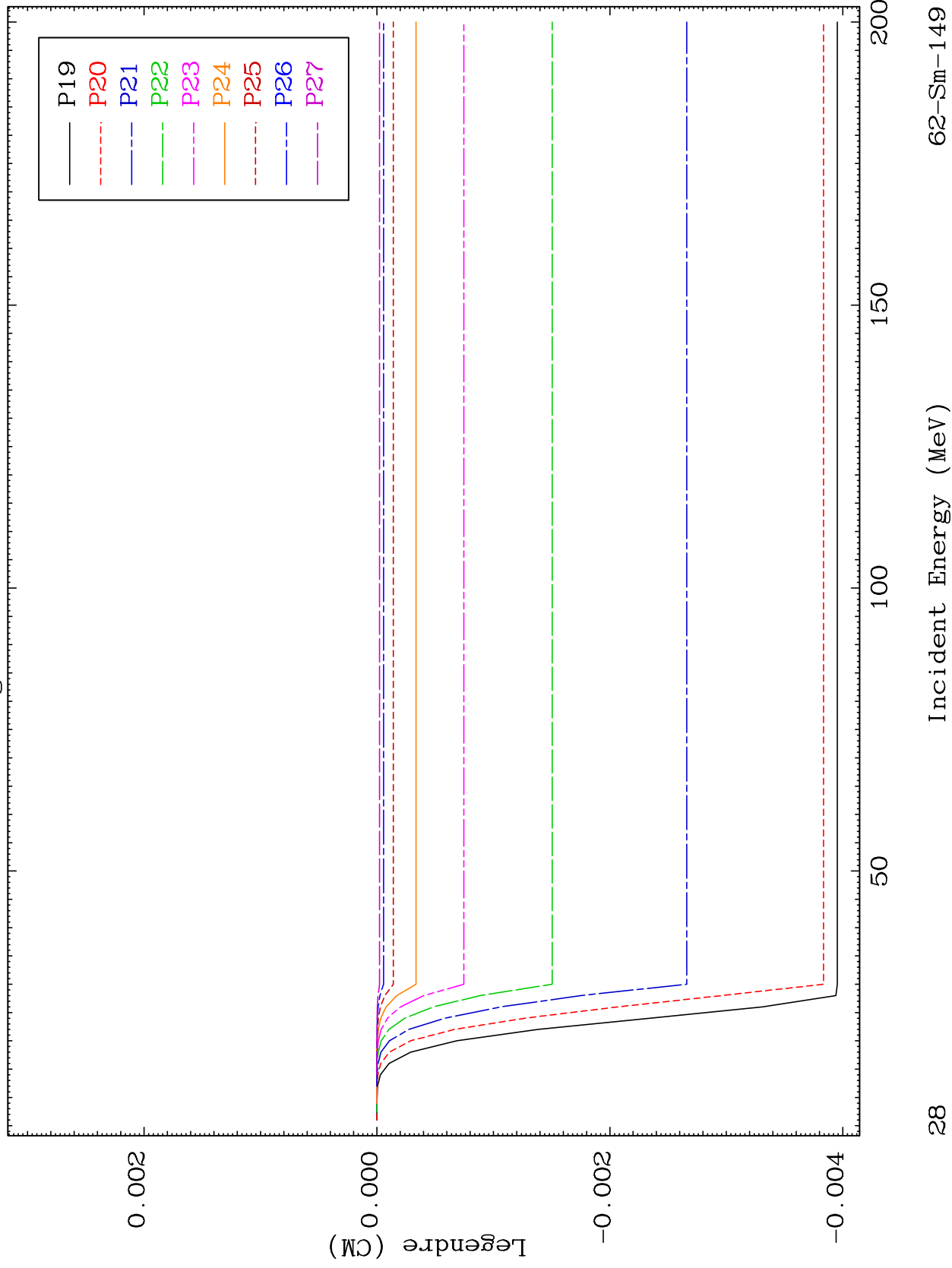




MAT 6240

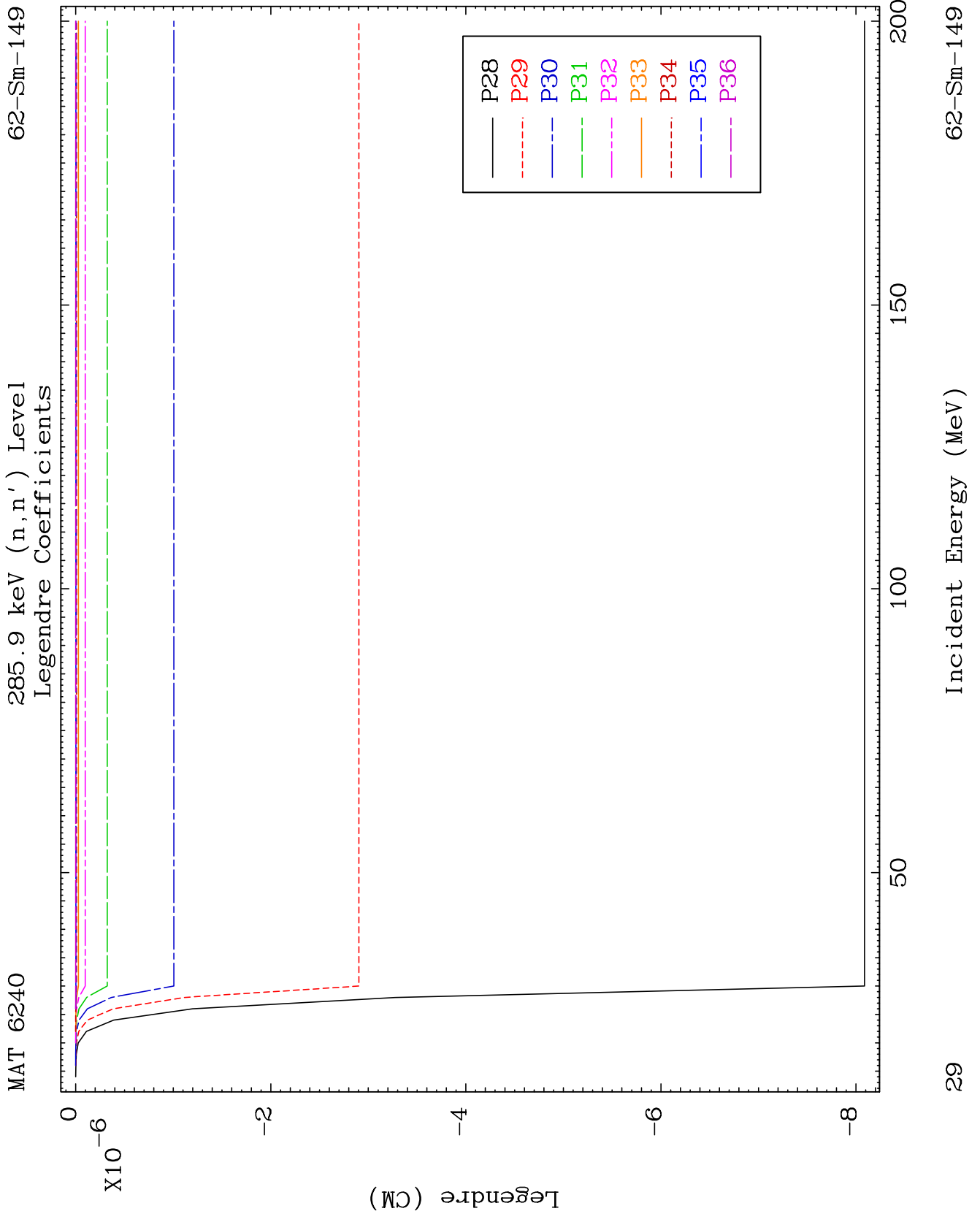
285.9 keV (n,n') Level
Legendre Coefficients

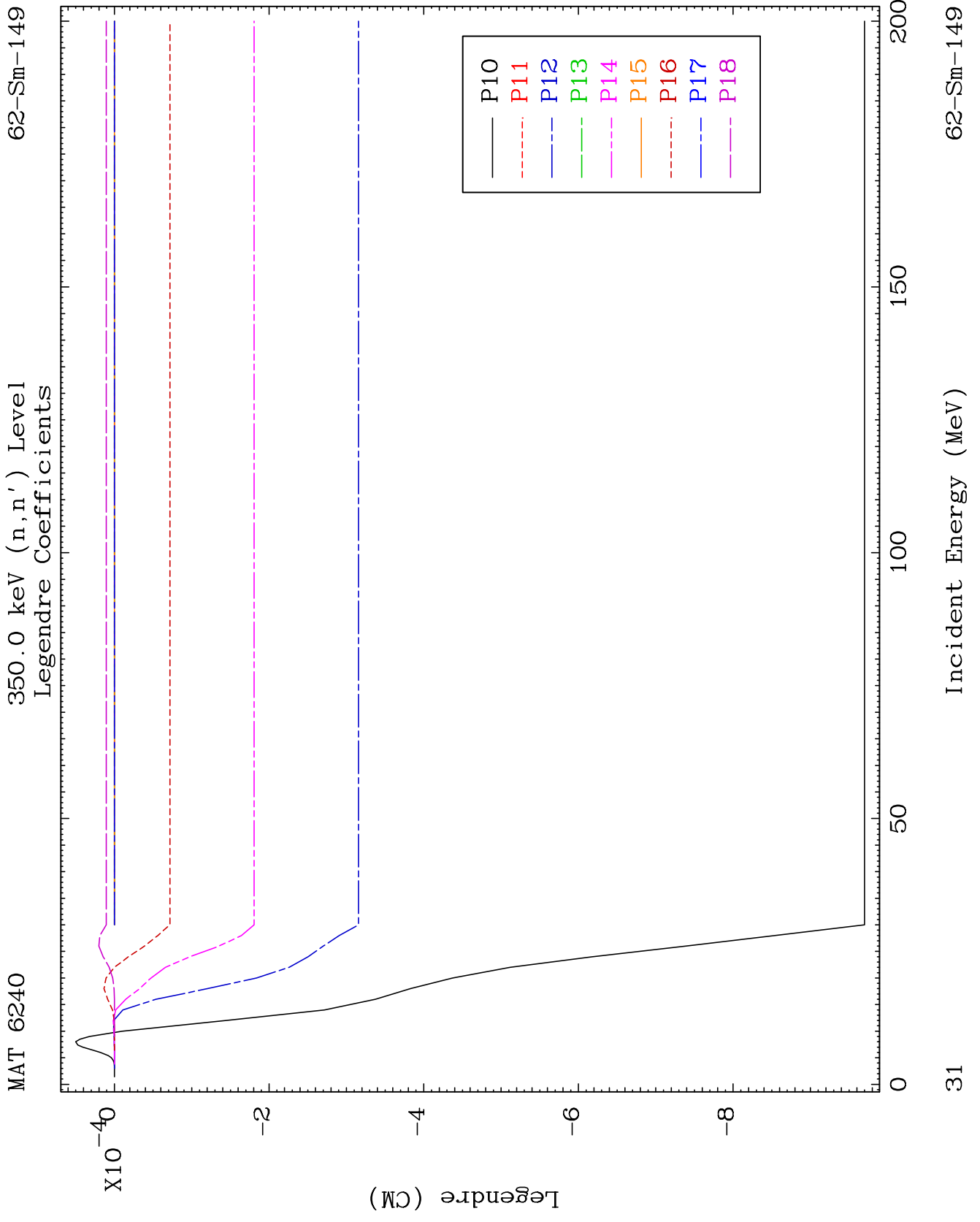
62-Sm-149

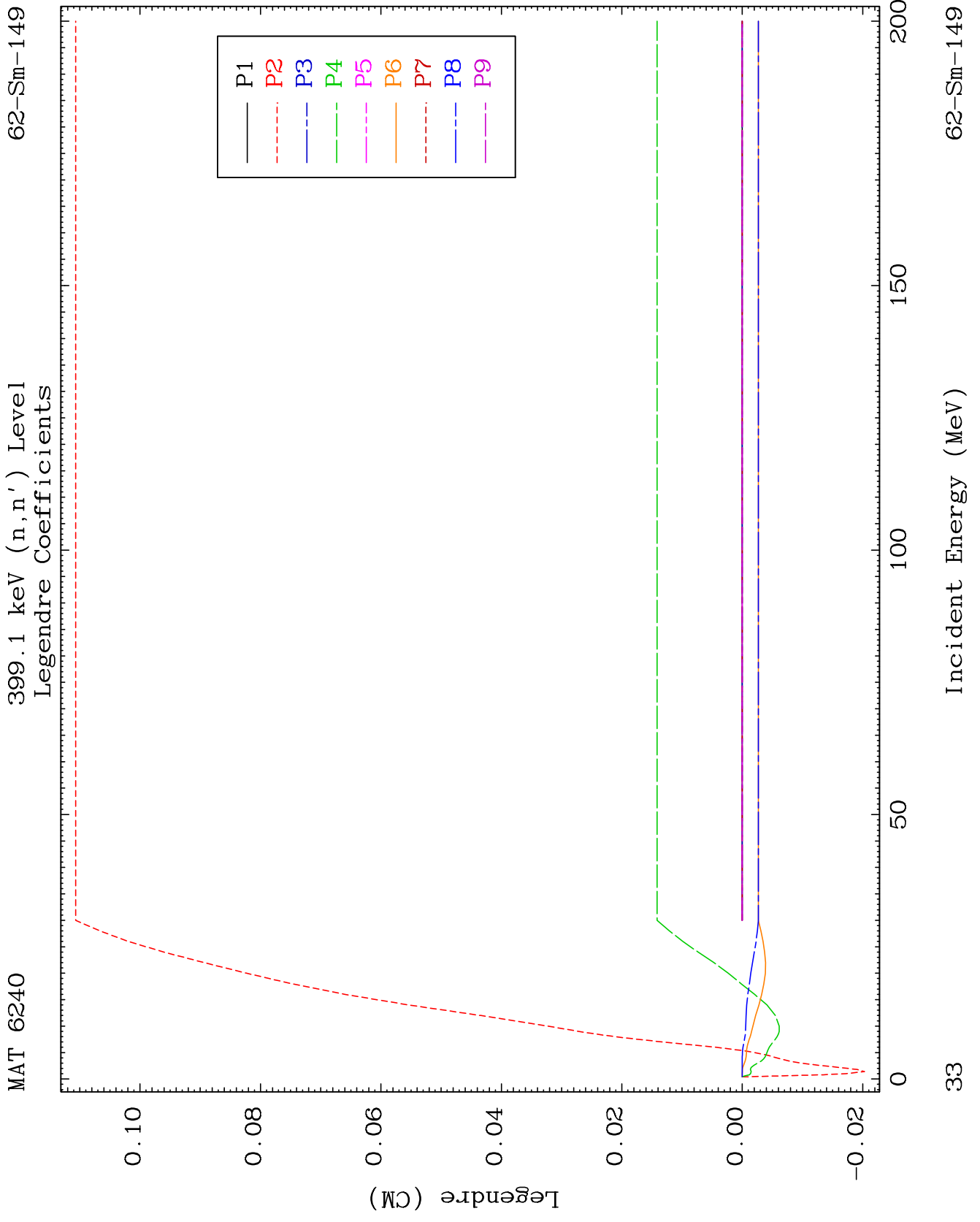


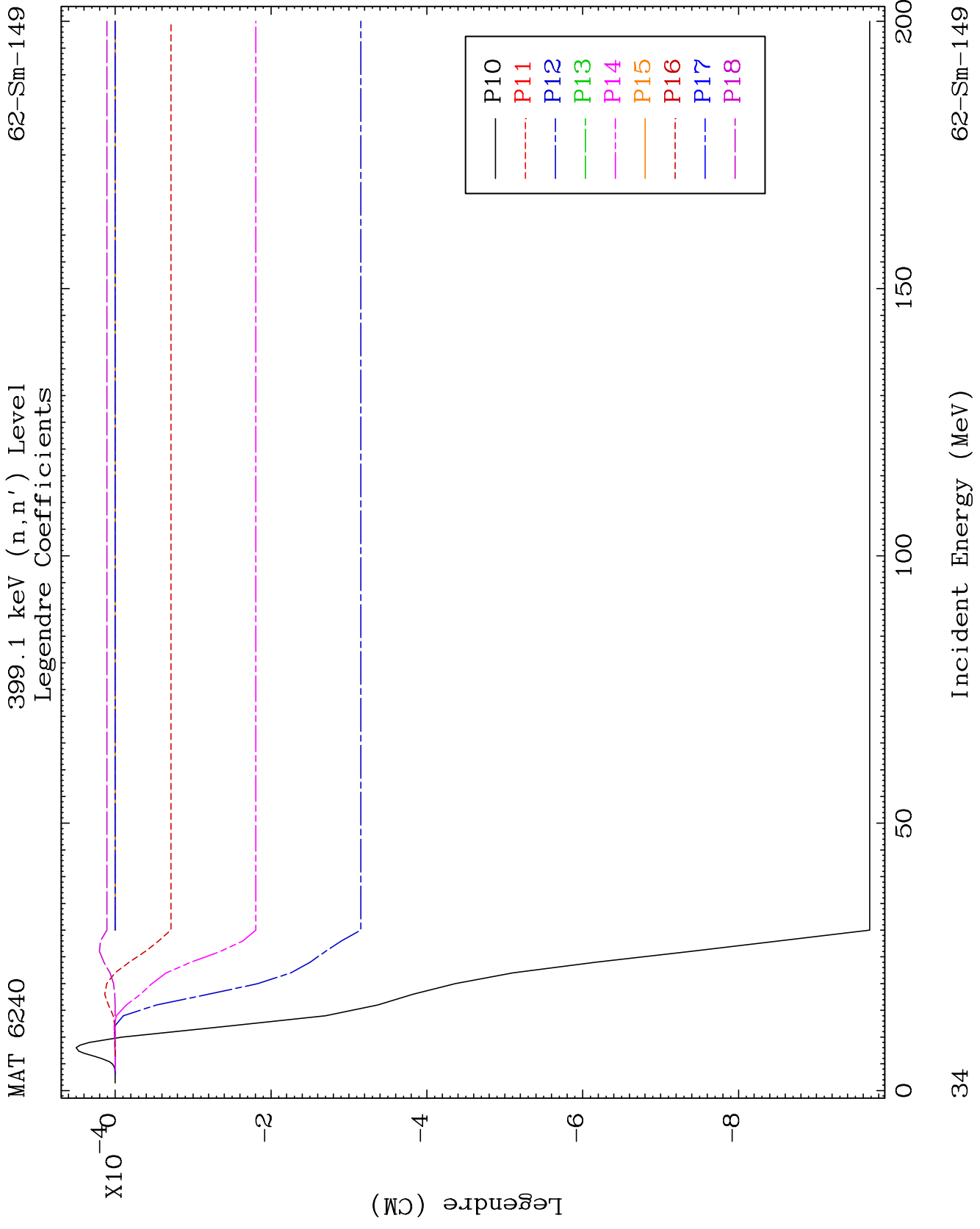
28

62-Sm-149





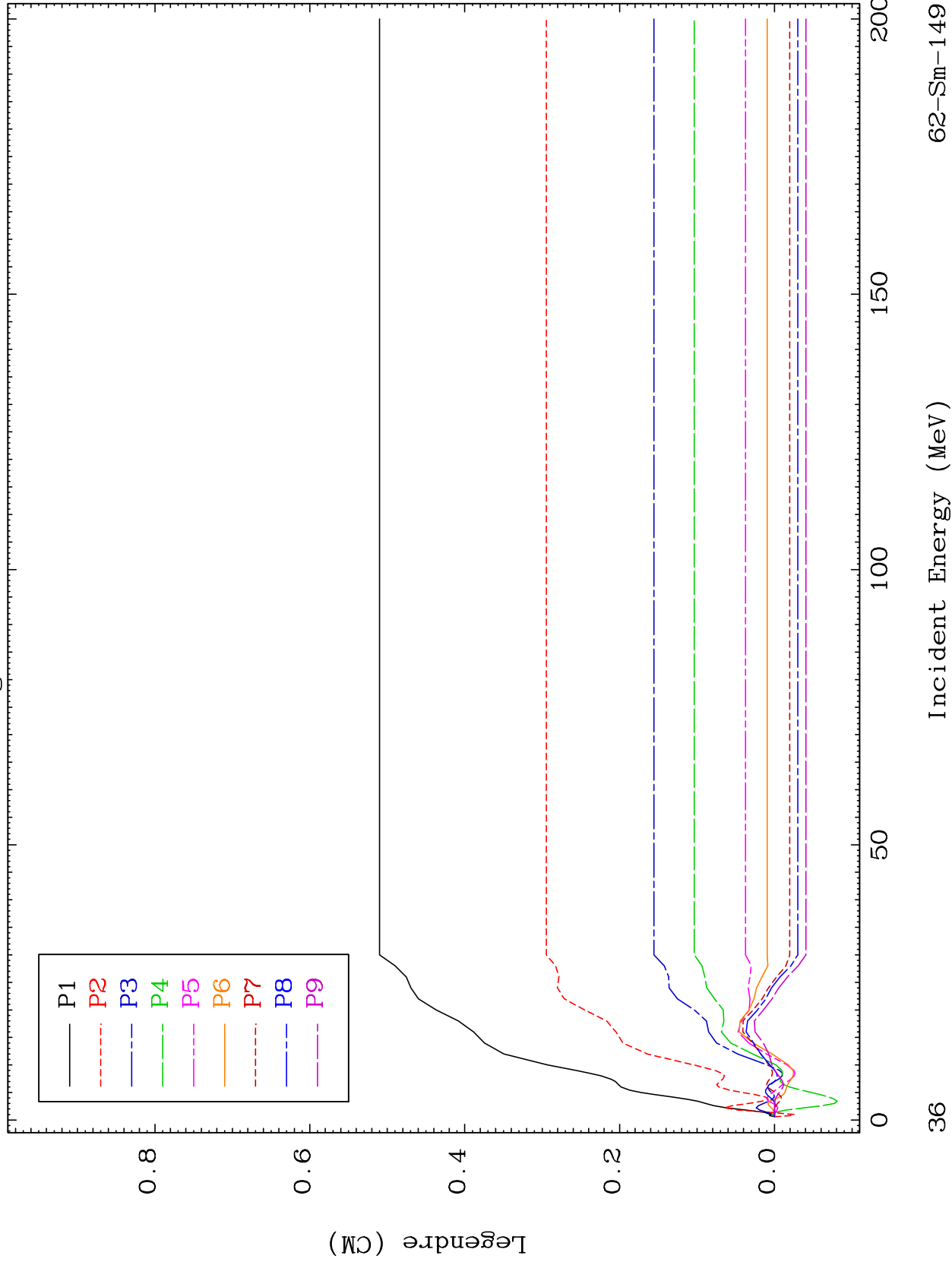




MAT 6240

528.6 keV (n,n') Level
Legendre Coefficients

62-Sm-149



36

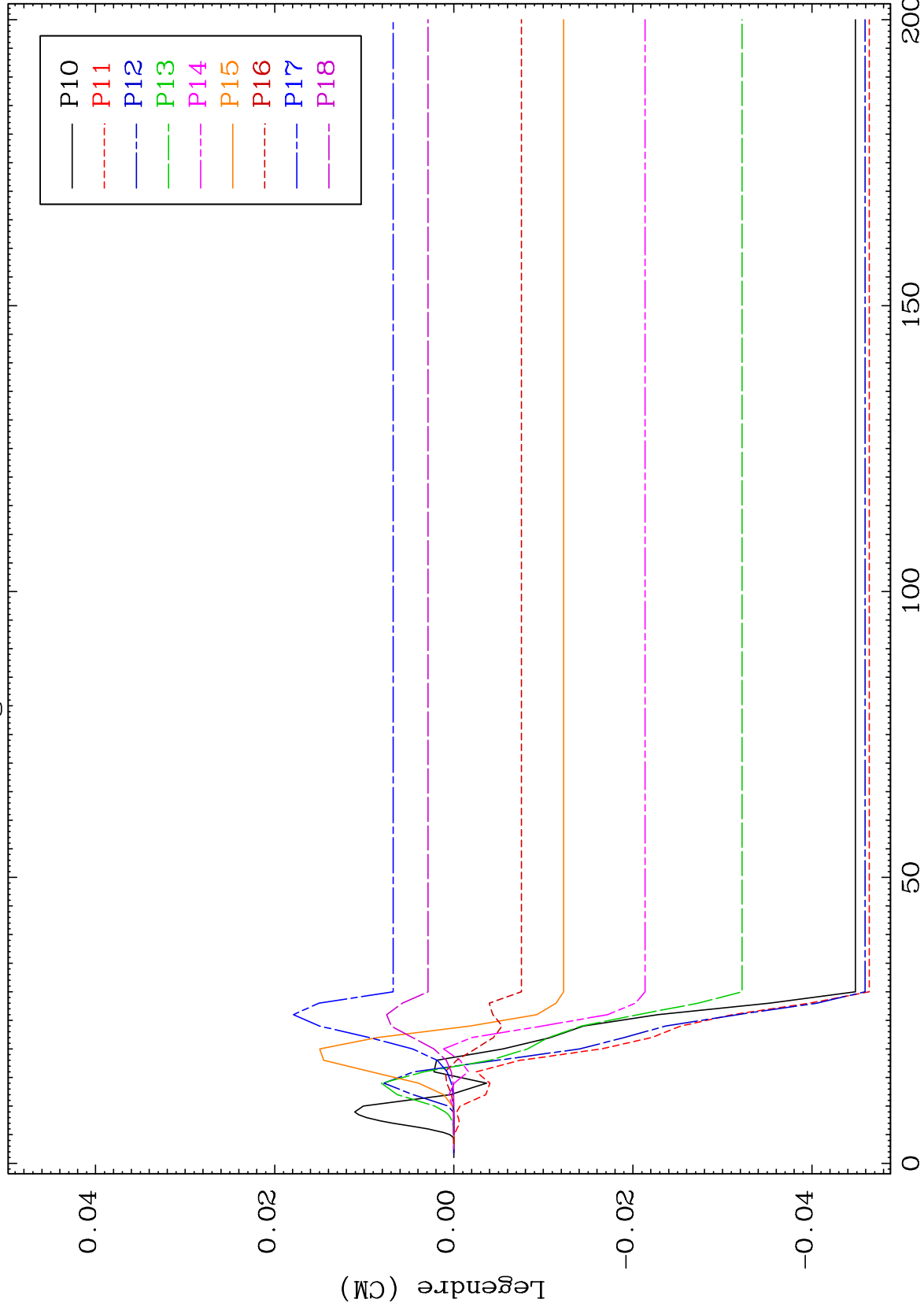
Incident Energy (MeV)

62-Sm-149

MAT 6240

528.6 keV (n,n') Level
Legendre Coefficients

62-Sm-149



37

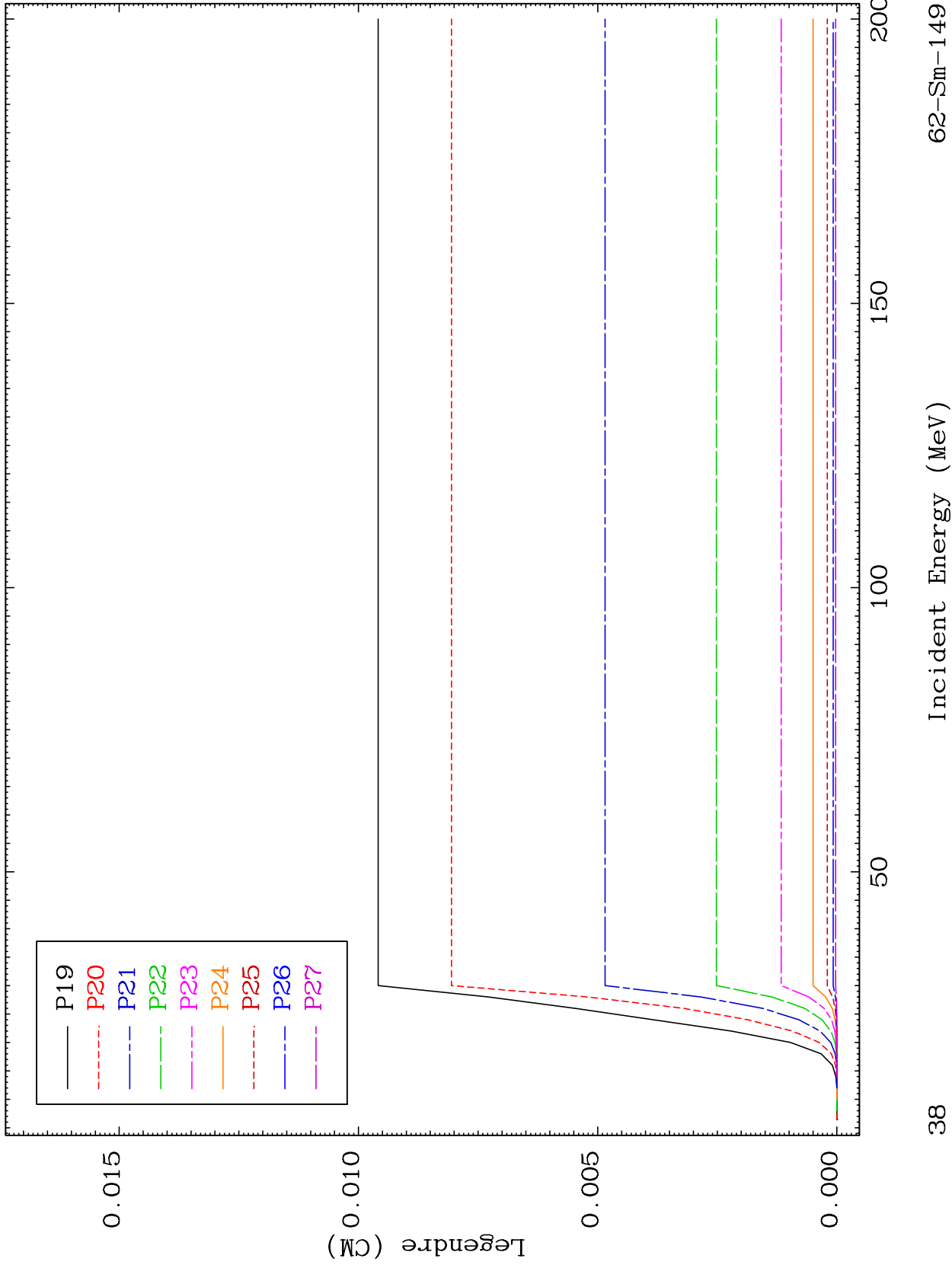
Incident Energy (MeV)

62-Sm-149

MAT 6240

528.6 keV (n,n') Level
Legendre Coefficients

62-Sm-149



38

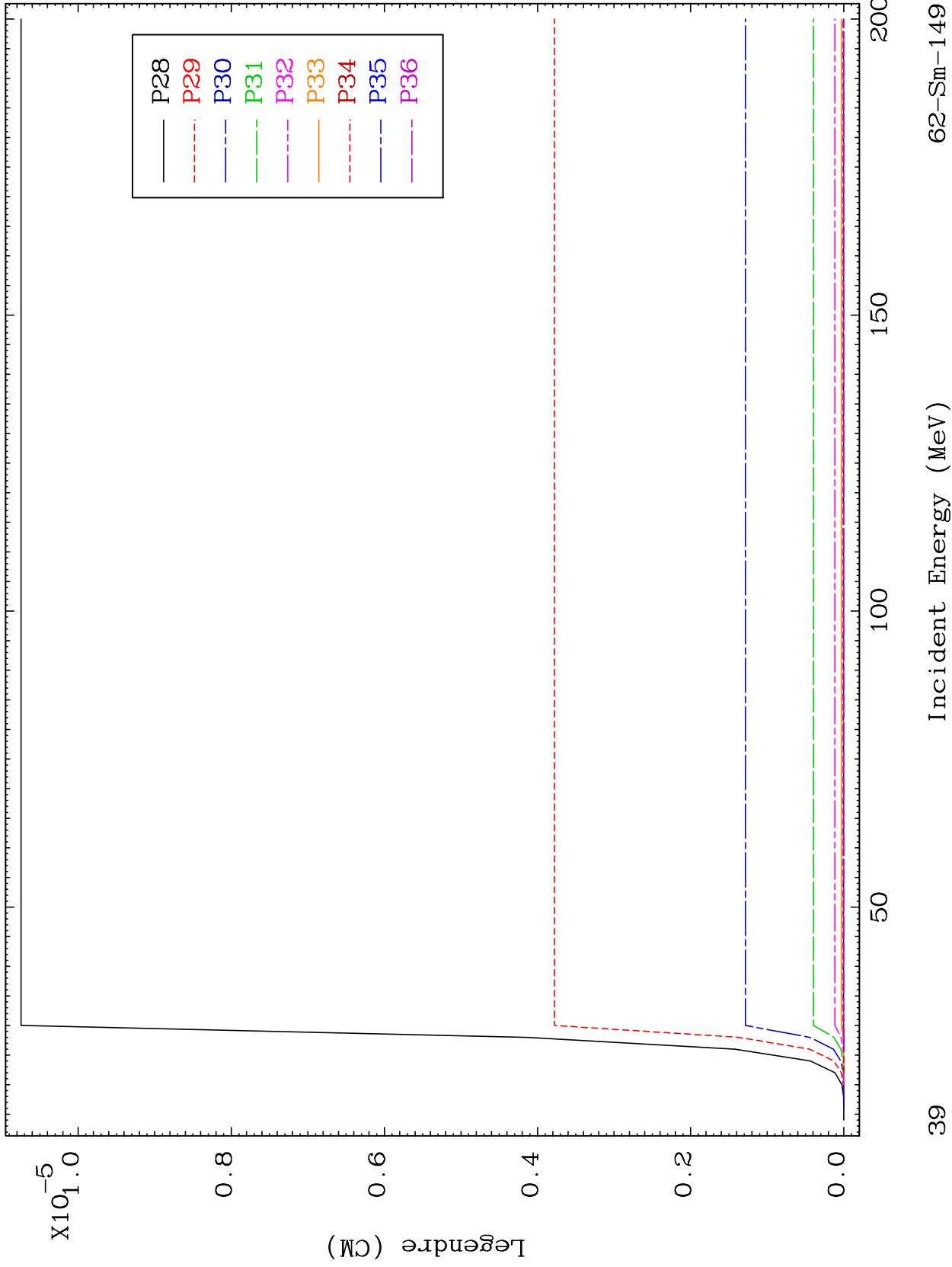
Incident Energy (MeV)

62-Sm-149

MAT 6240

528.6 keV (n,n') Level
Legendre Coefficients

62-Sm-149



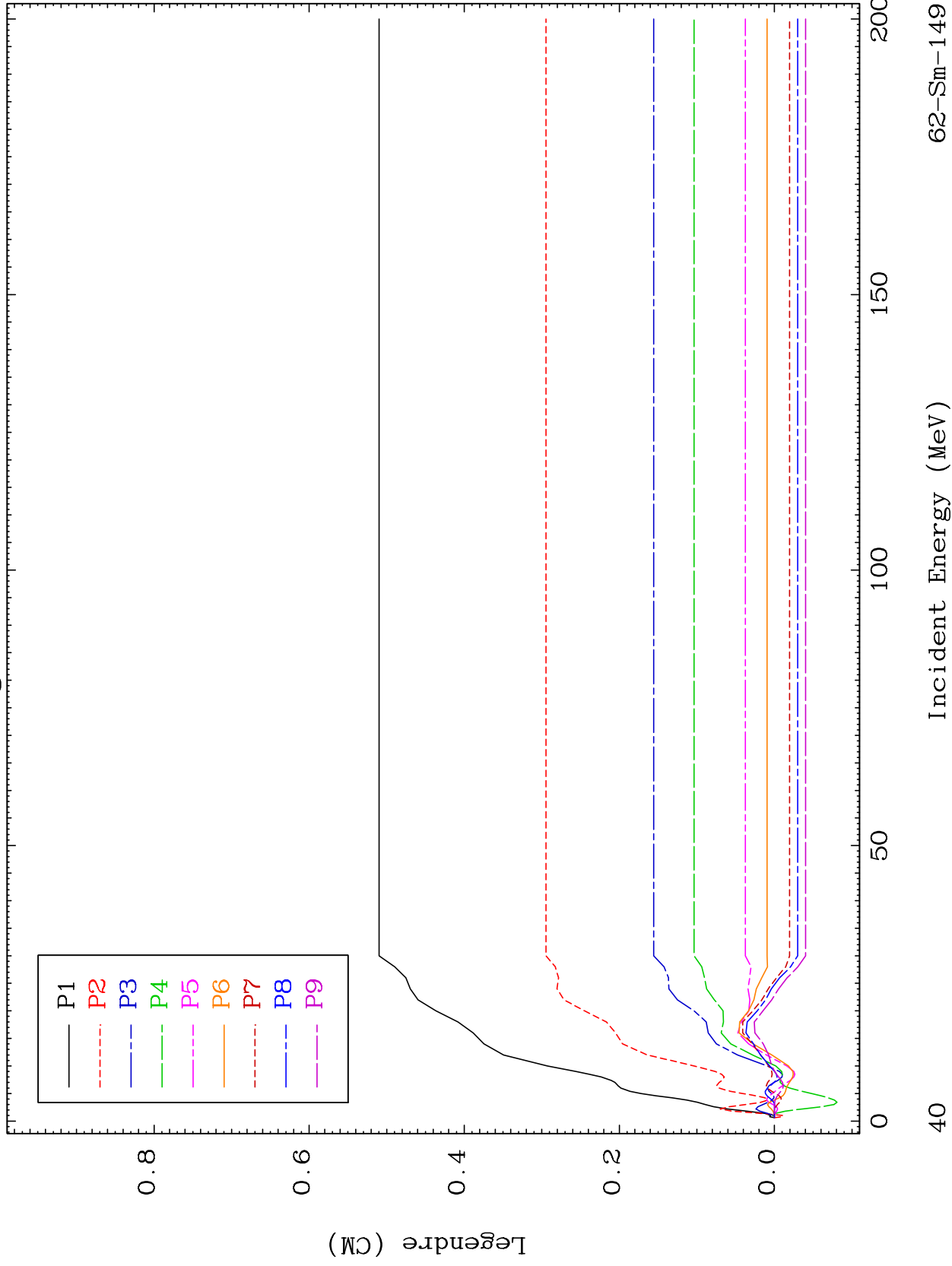
39

62-Sm-149

MAT 6240

558.4 keV (n,n') Level
Legendre Coefficients

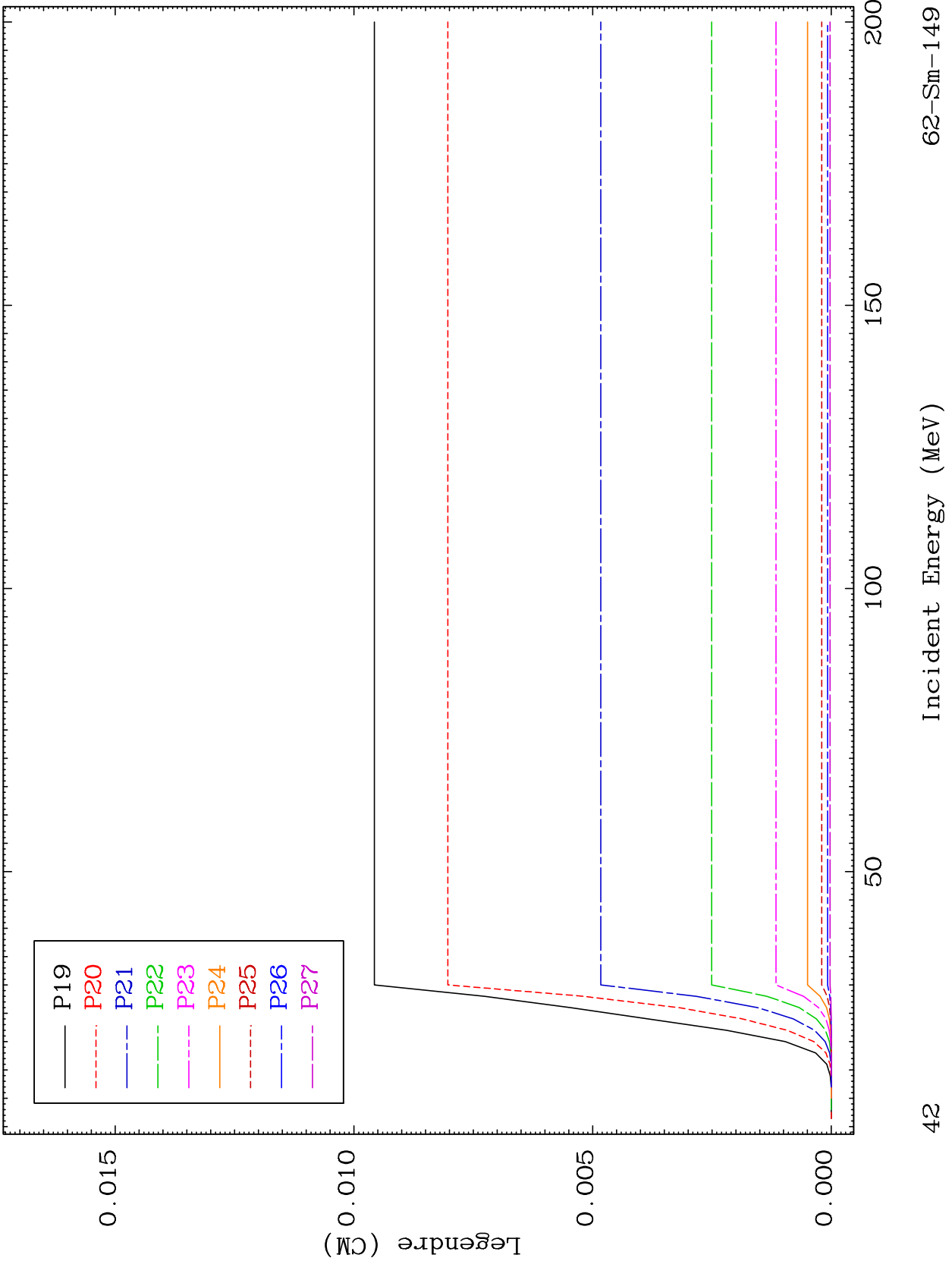
62-Sm-149



MAT 6240

558.4 keV (n,n') Level
Legendre Coefficients

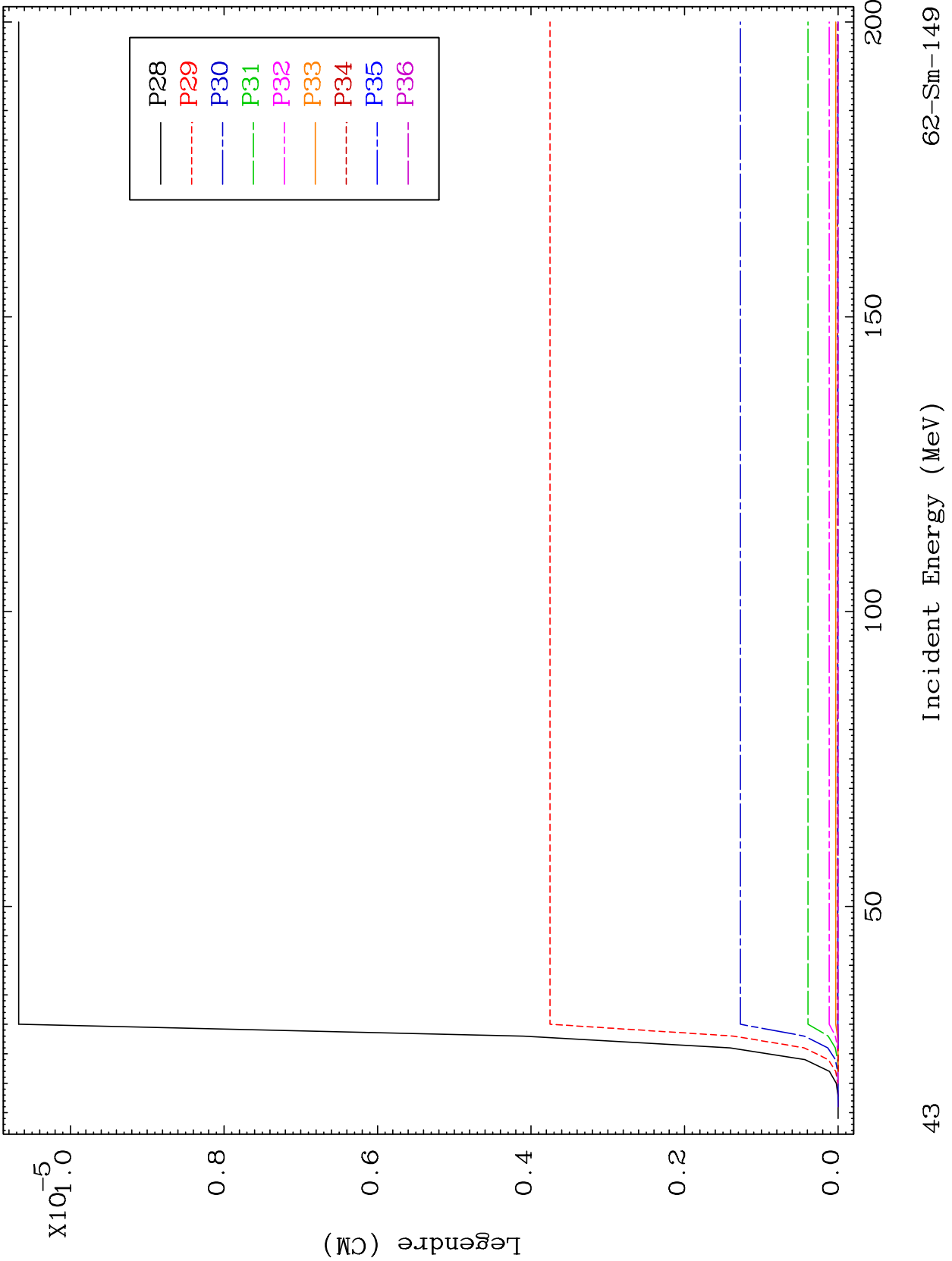
62-Sm-149



MAT 6240

558.4 keV (n,n') Level
Legendre Coefficients

62-Sm-149



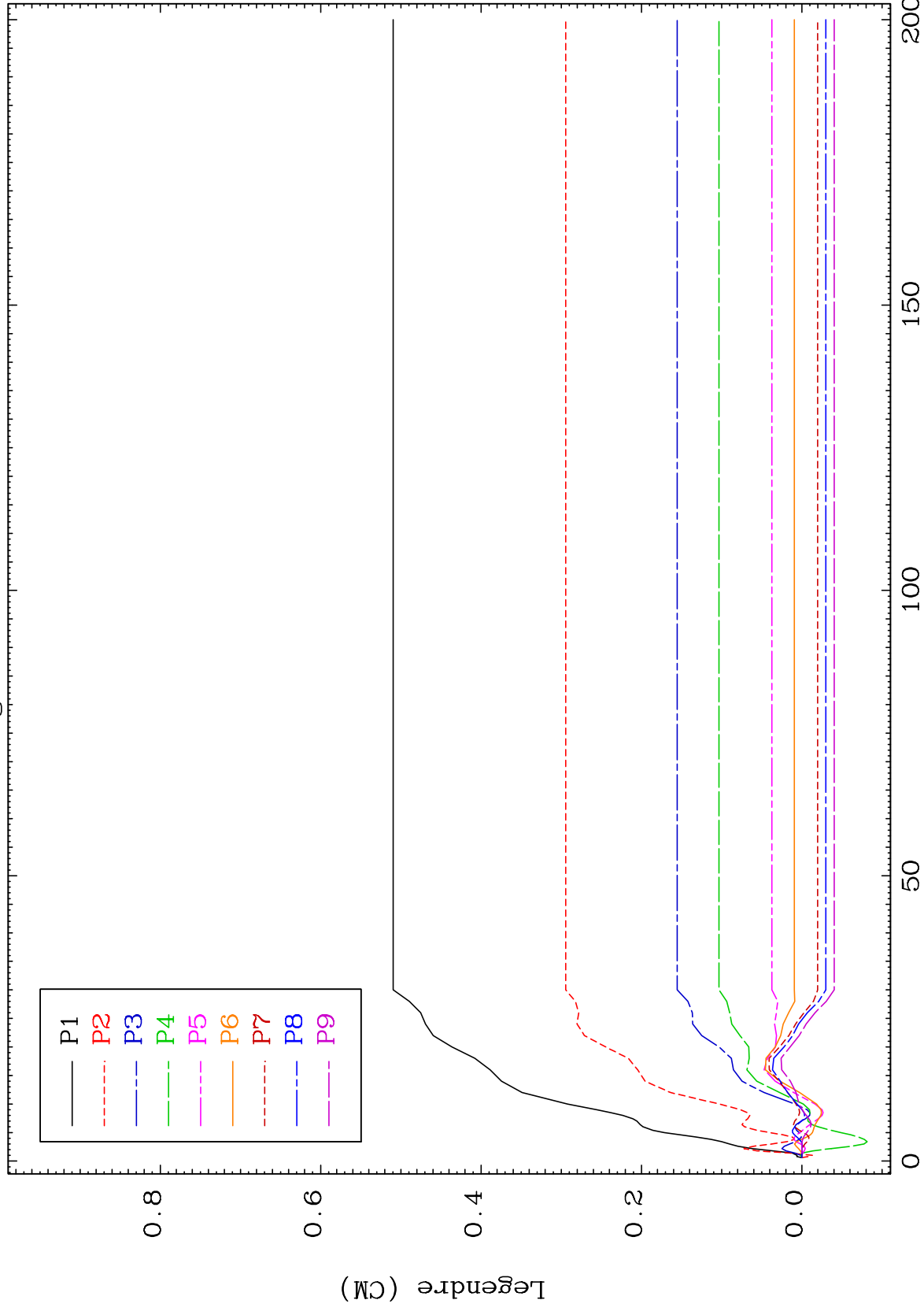
43

62-Sm-149

MAT 6240

590.9 keV (n,n') Level
Legendre Coefficients

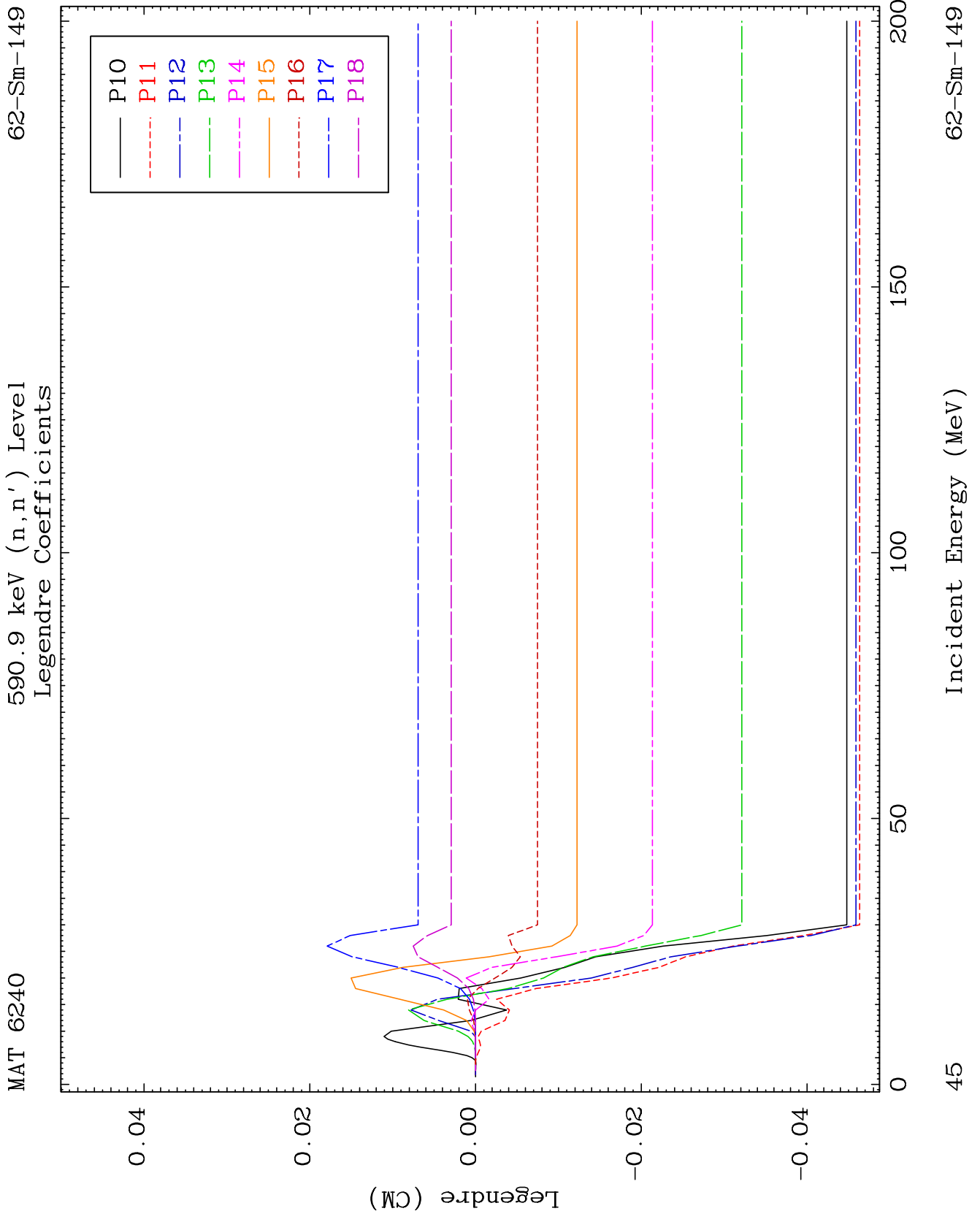
62-Sm-149



62-Sm-149

Incident Energy (MeV)

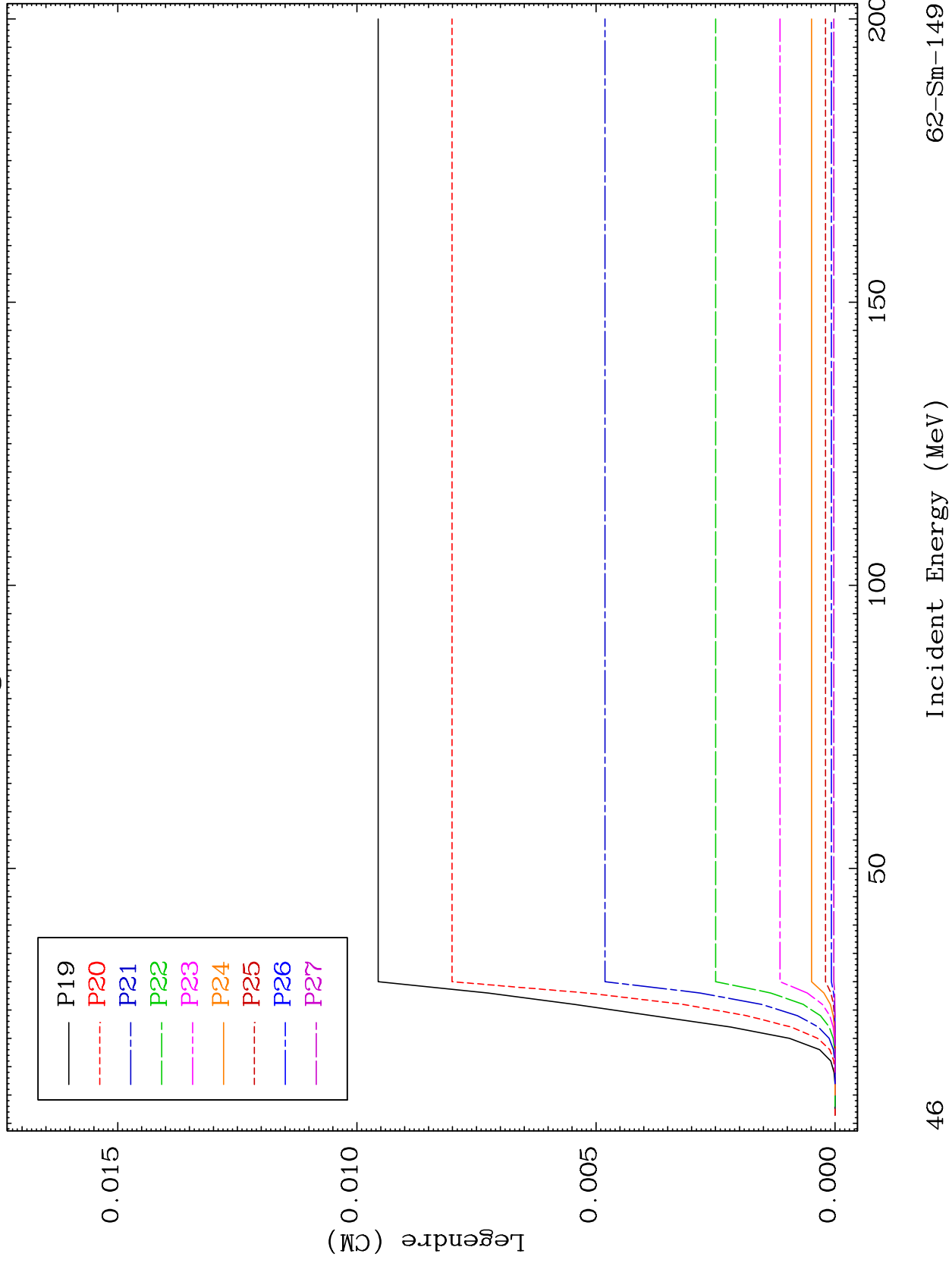
44



MAT 6240

590.9 keV (n,n') Level
Legendre Coefficients

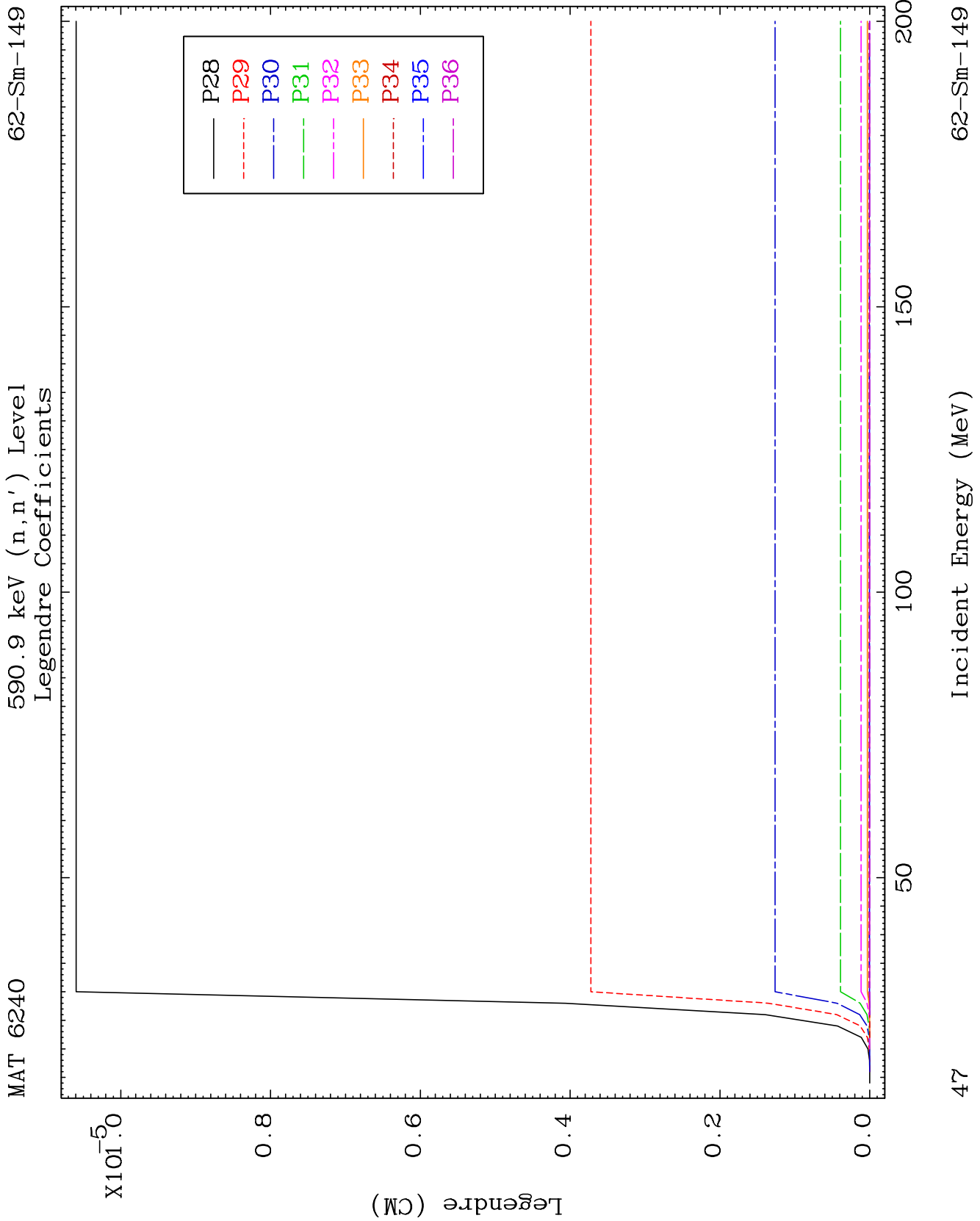
62-Sm-149

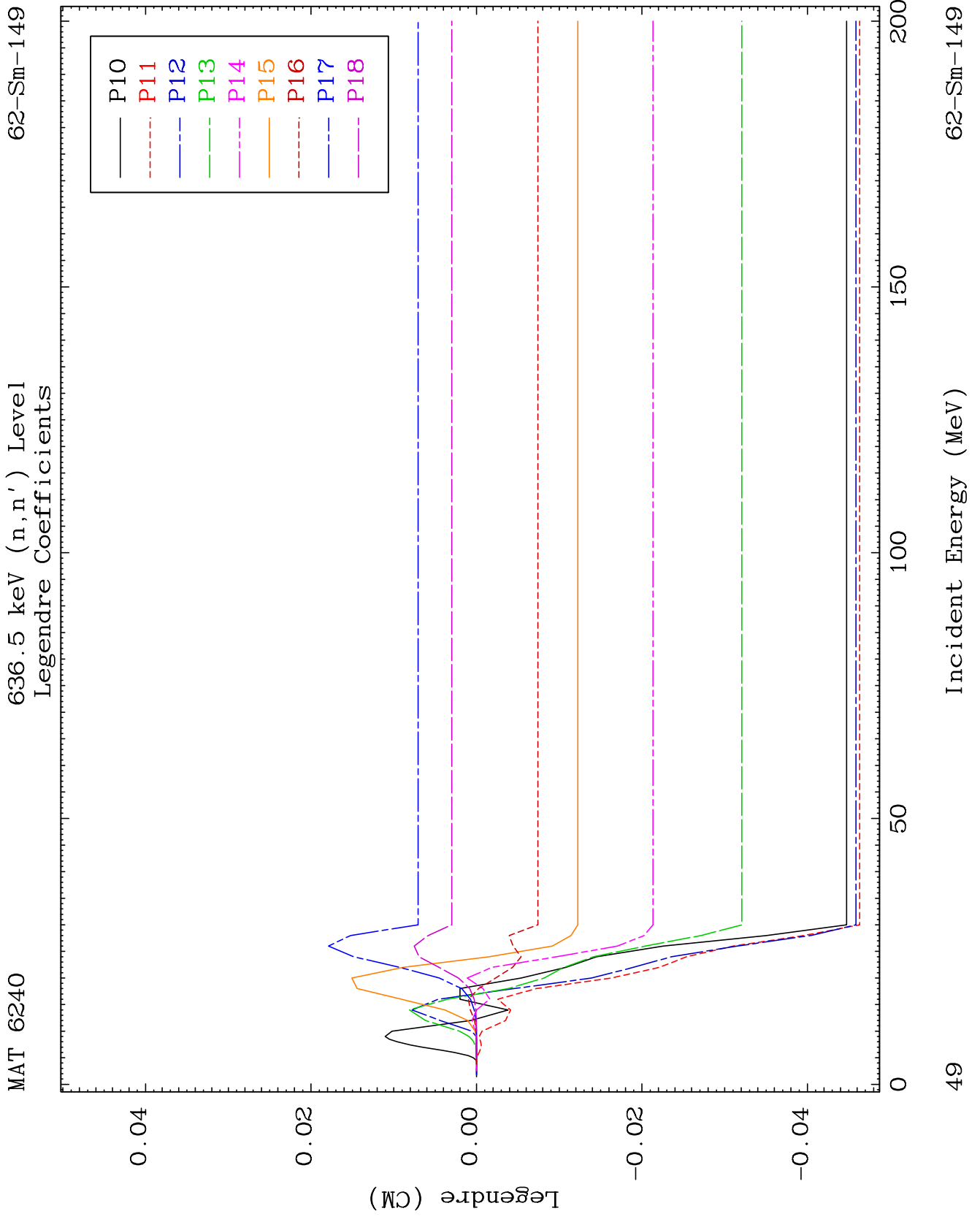


46

Incident Energy (MeV)

62-Sm-149

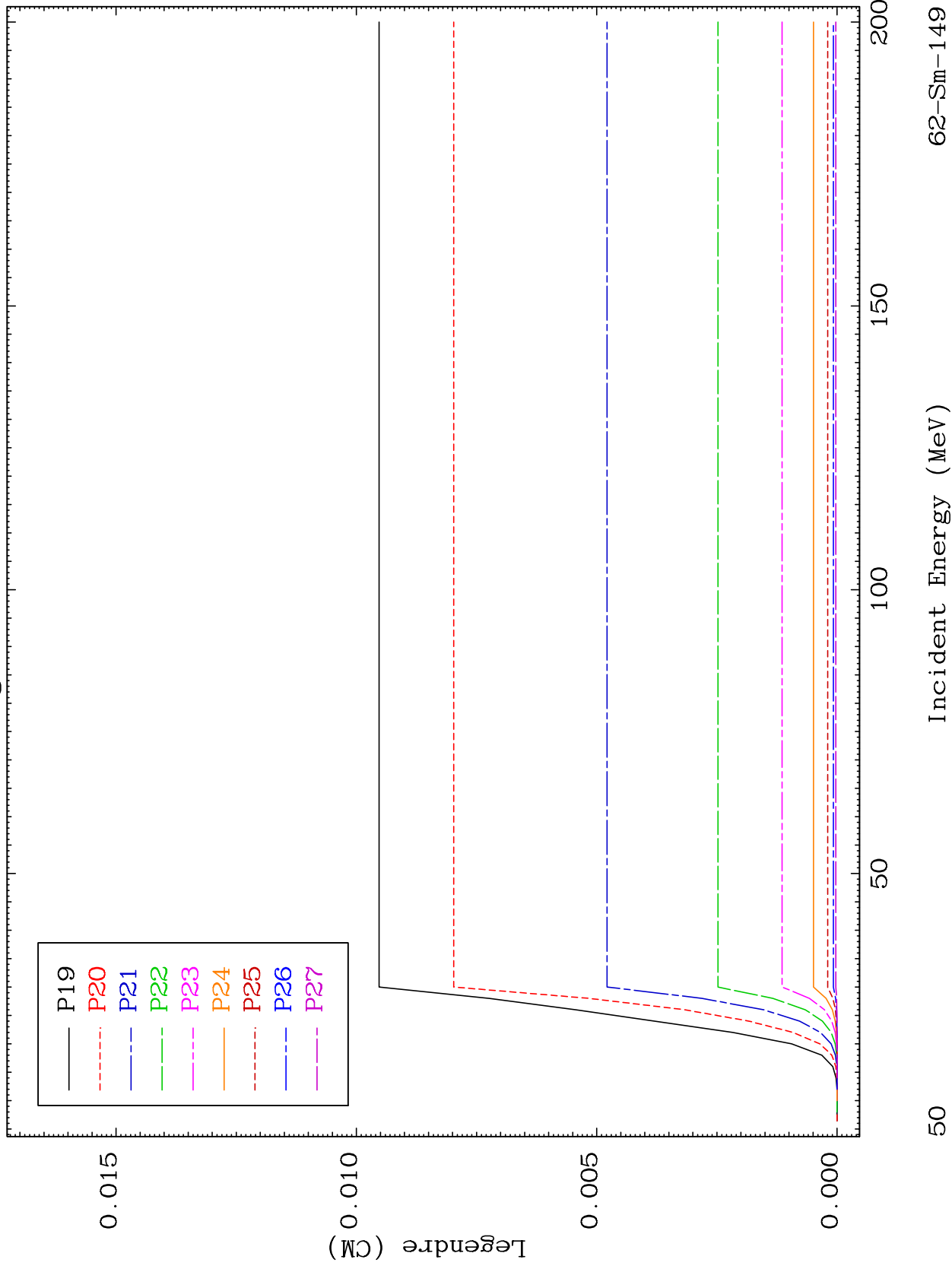




MAT 6240

636.5 keV (n,n') Level
Legendre Coefficients

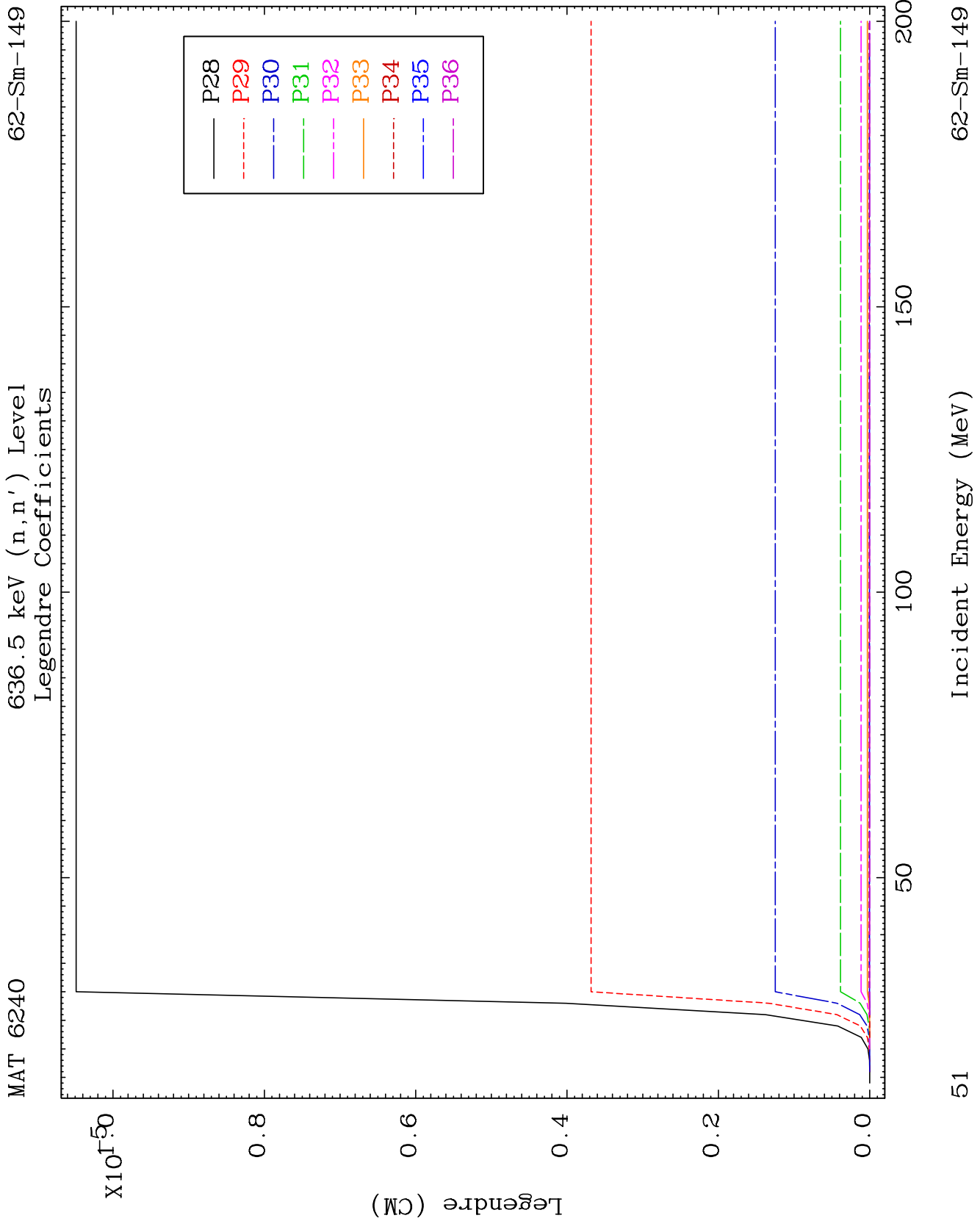
62-Sm-149

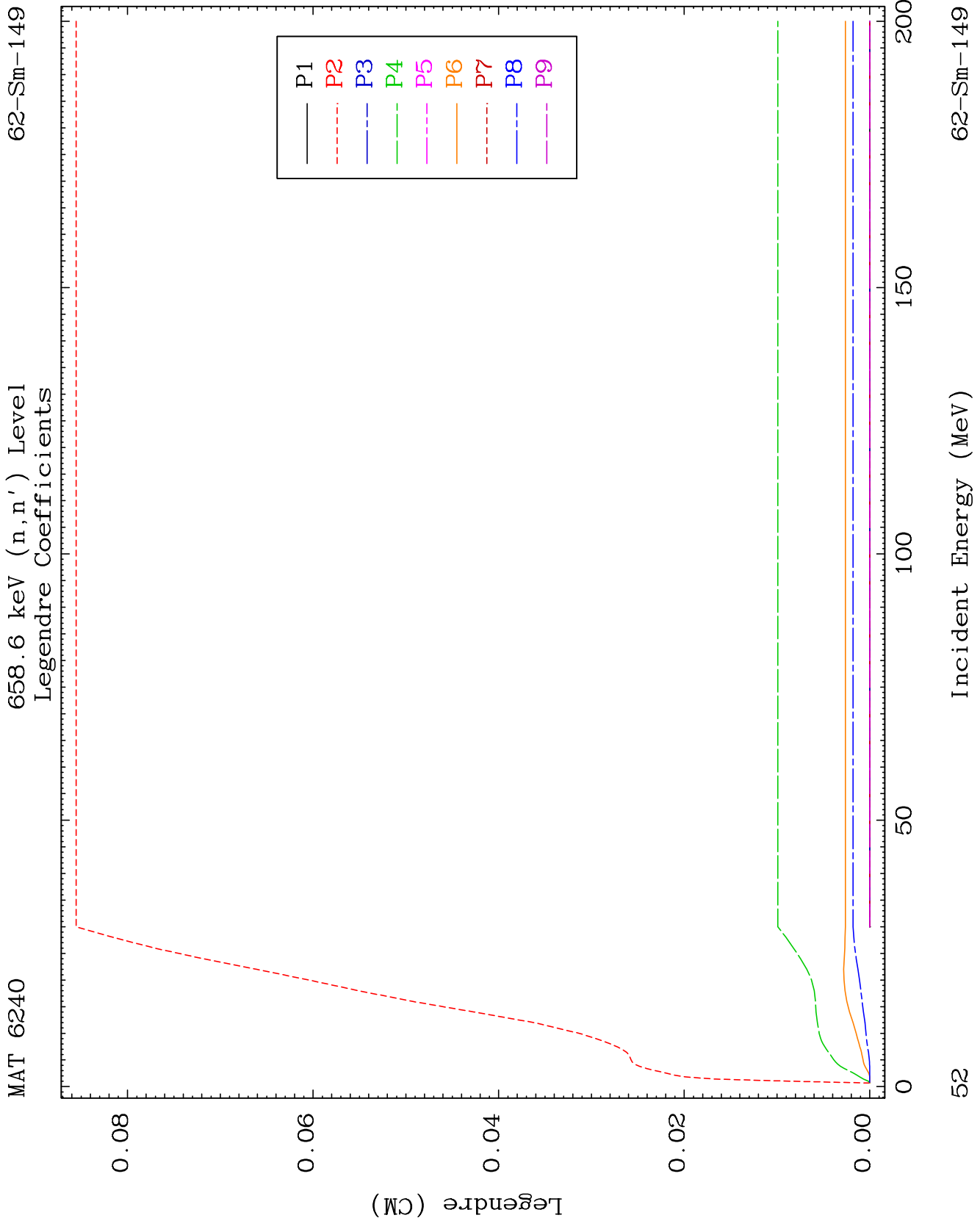


62-Sm-149

Incident Energy (MeV)

50

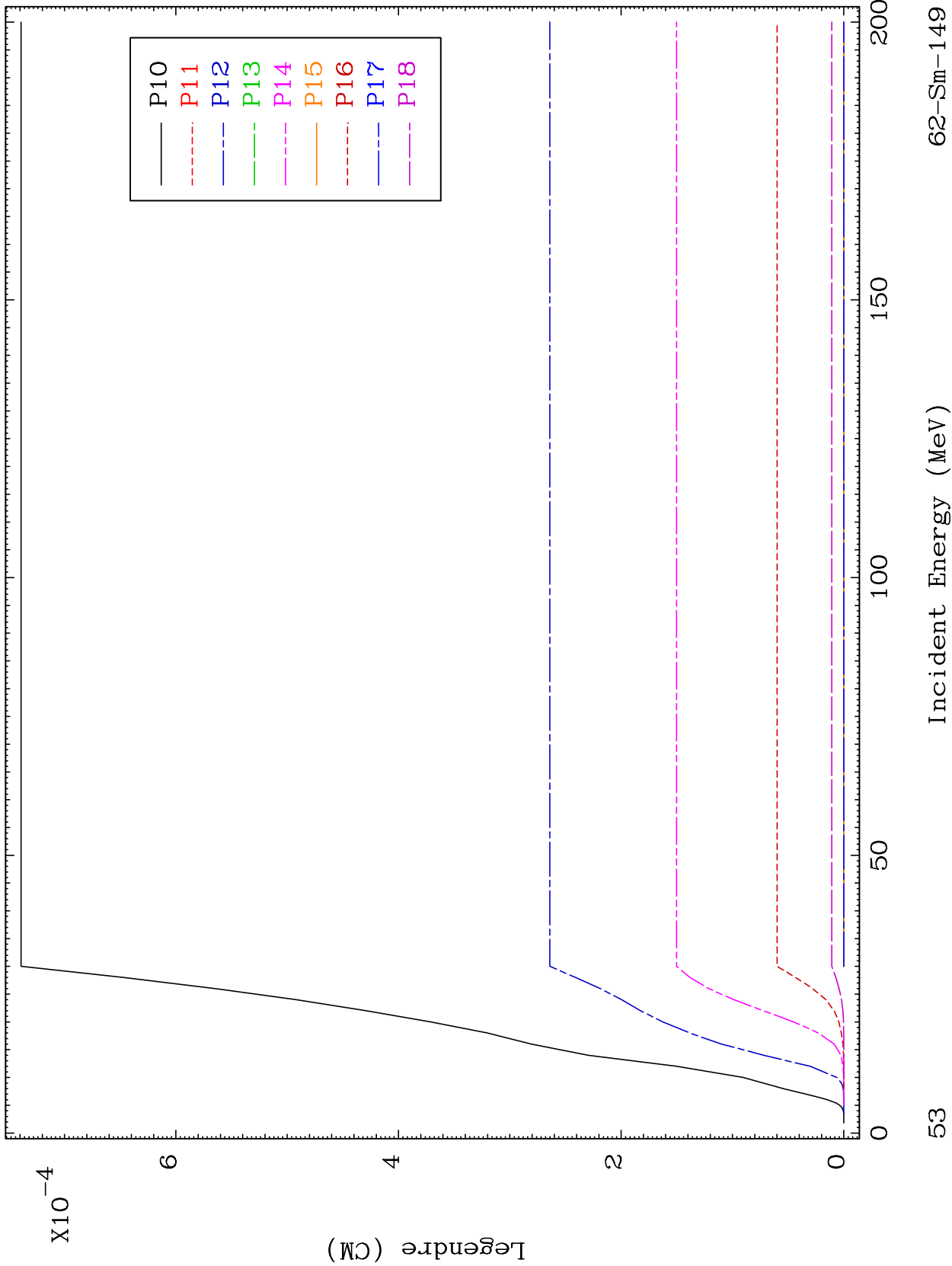




MAT 6240

658.6 keV (n,n') Level
Legendre Coefficients

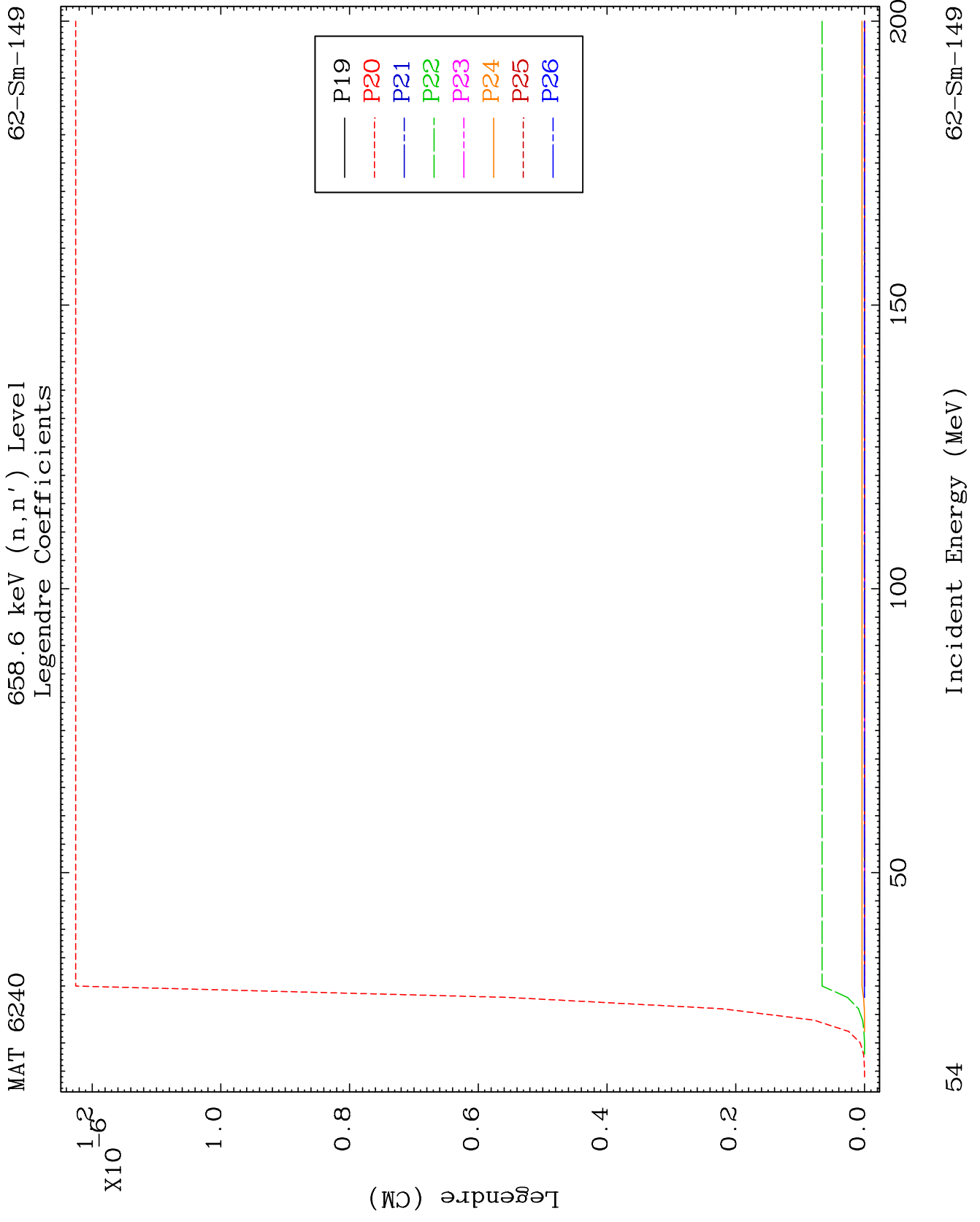
62-Sm-149

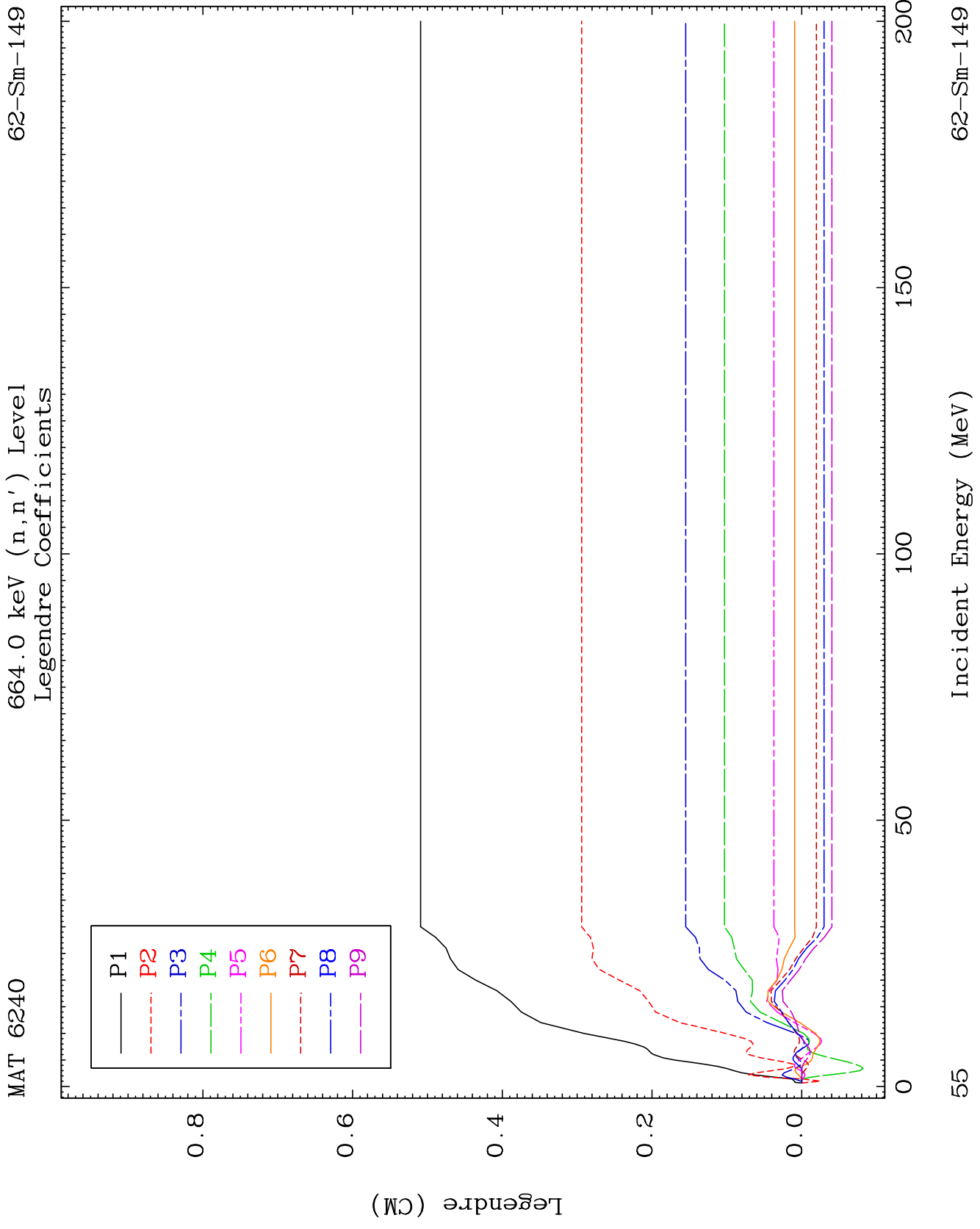


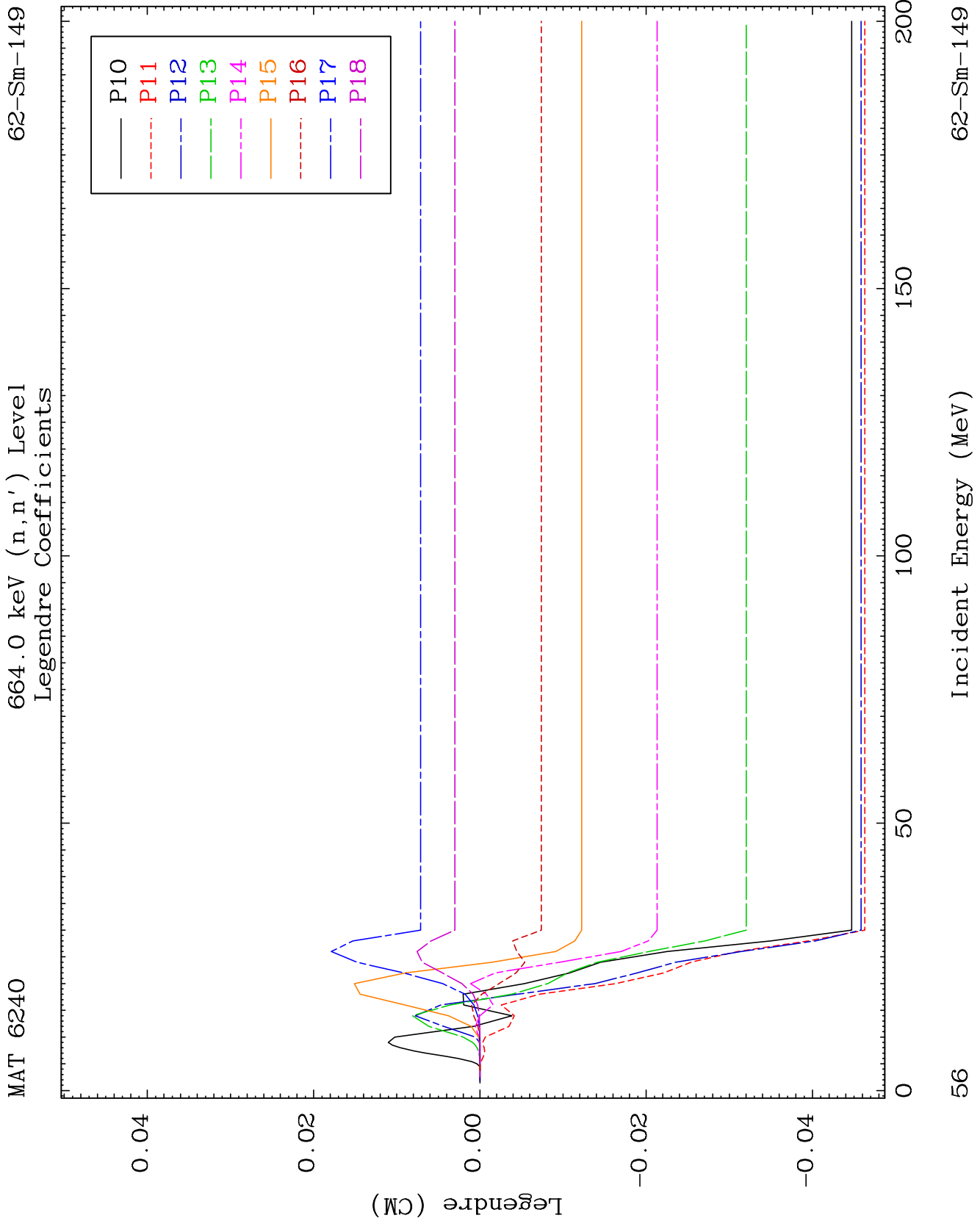
53

Incident Energy (MeV)

62-Sm-149



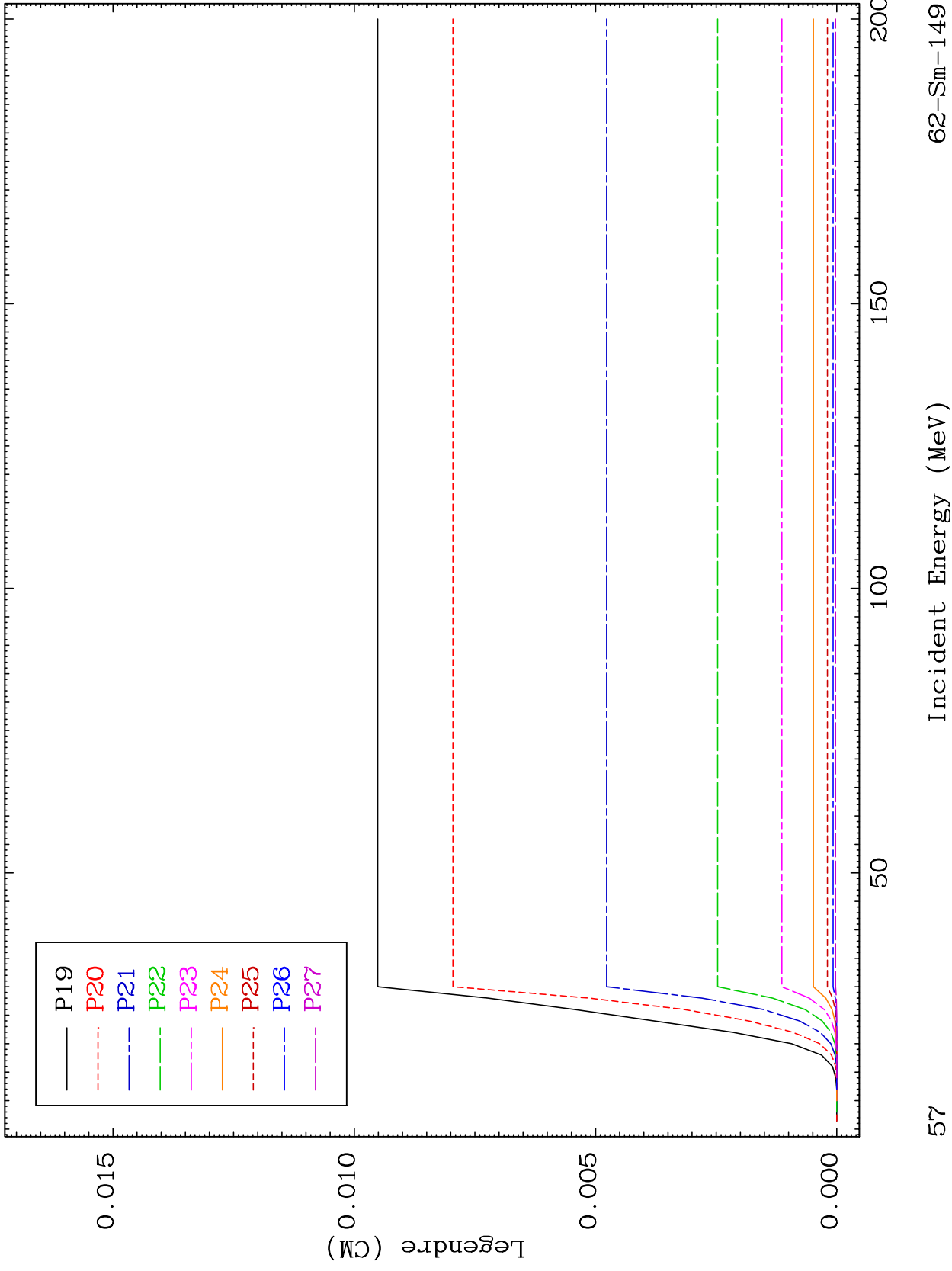




MAT 6240

664.0 keV (n,n') Level
Legendre Coefficients

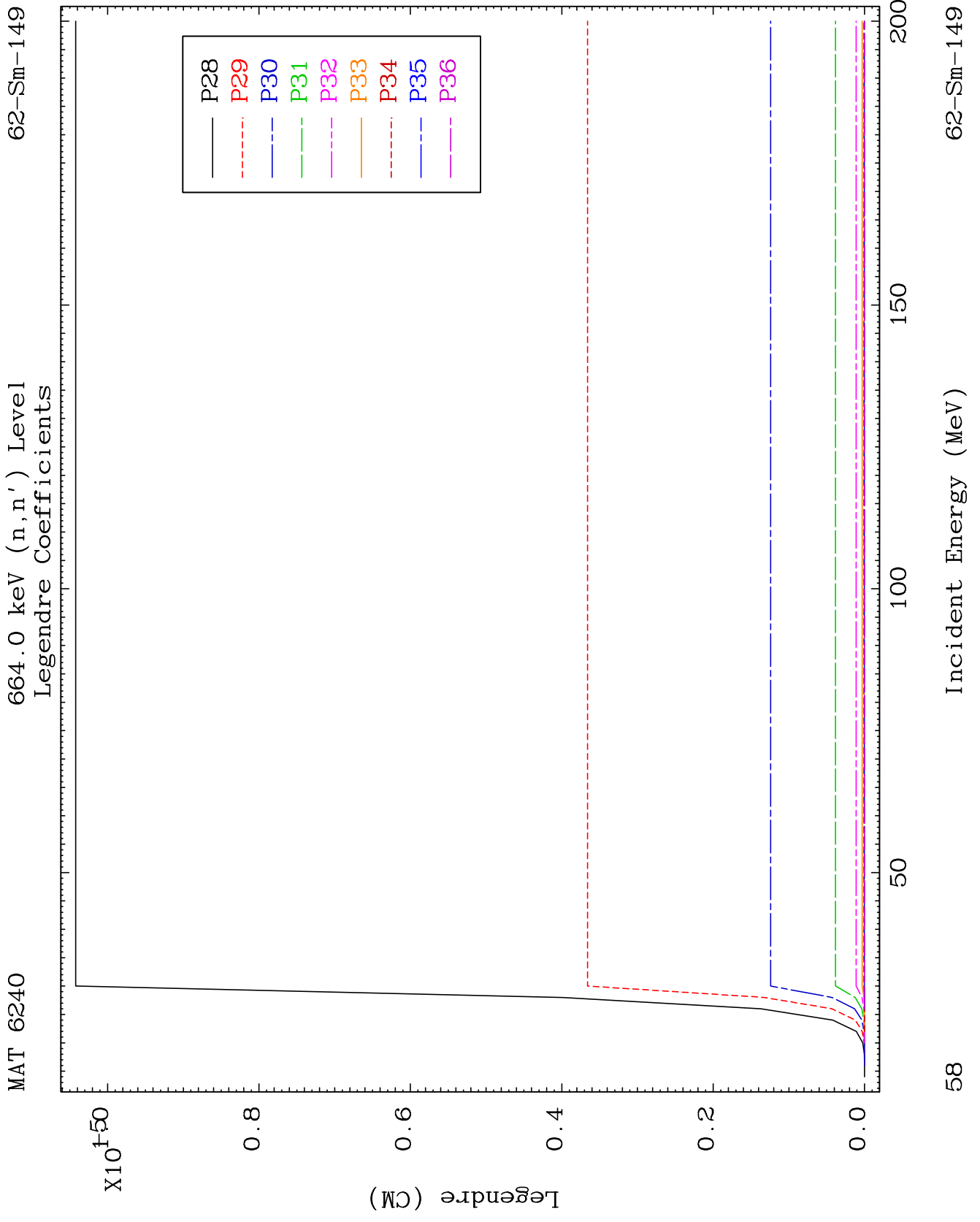
62-Sm-149

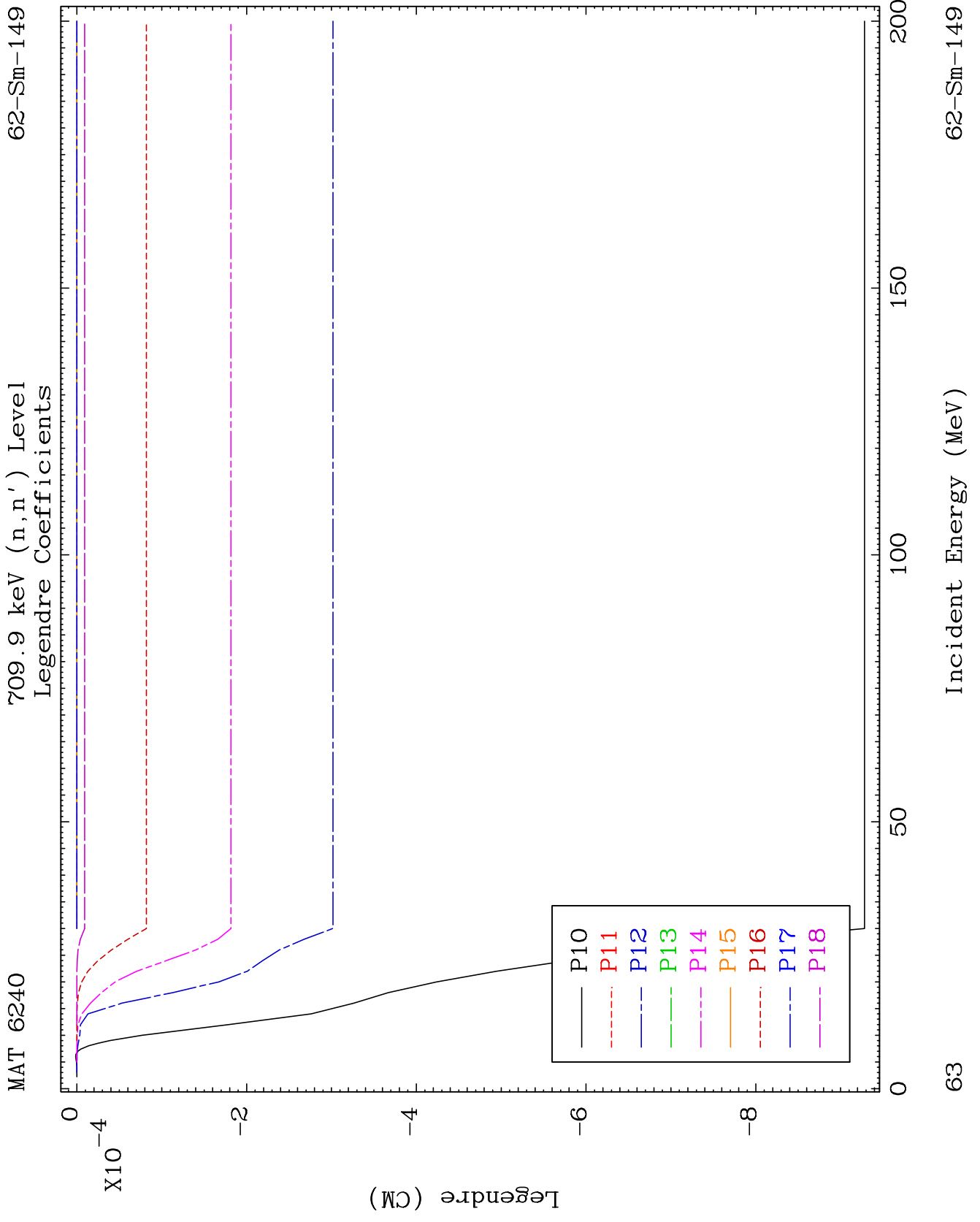


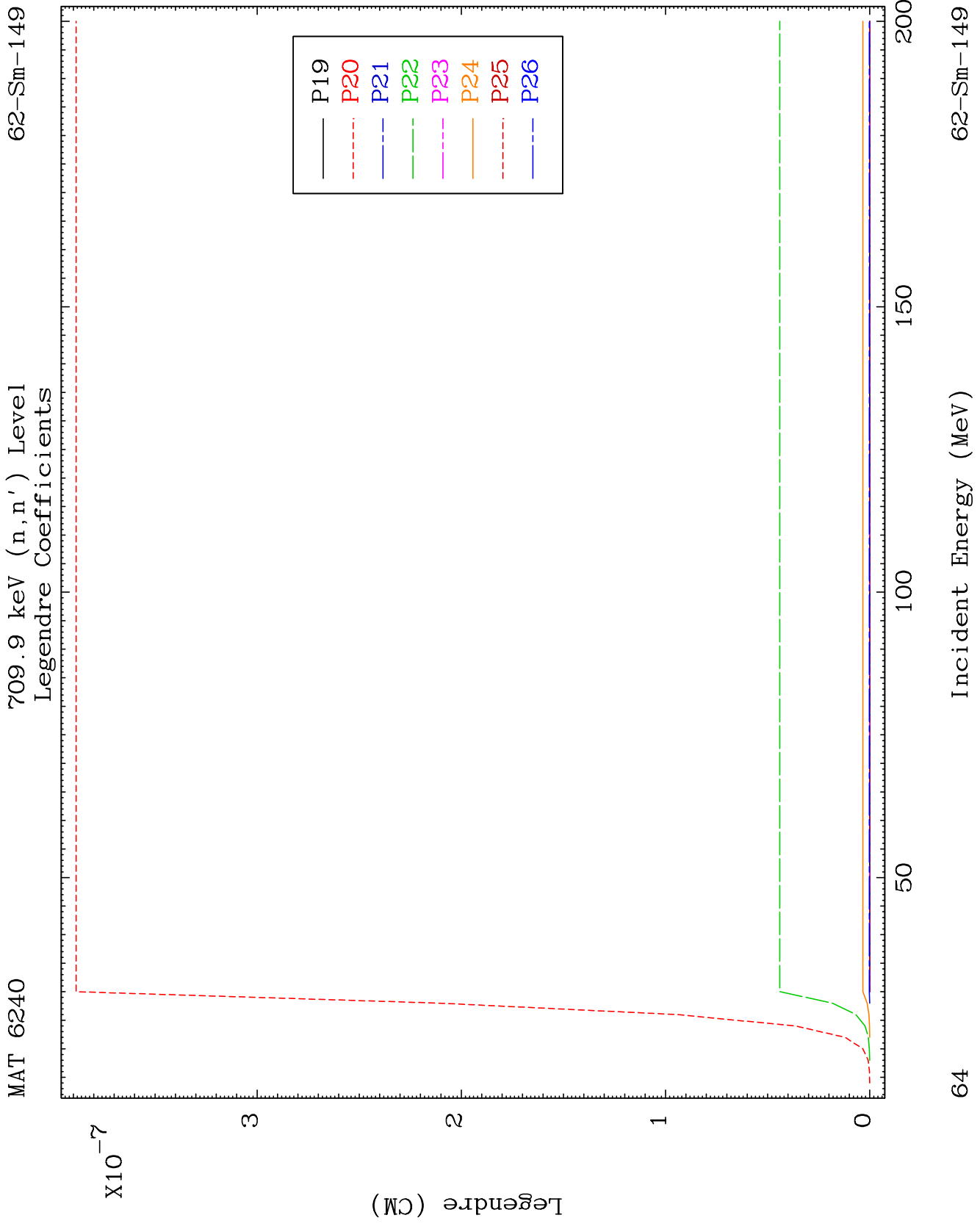
57

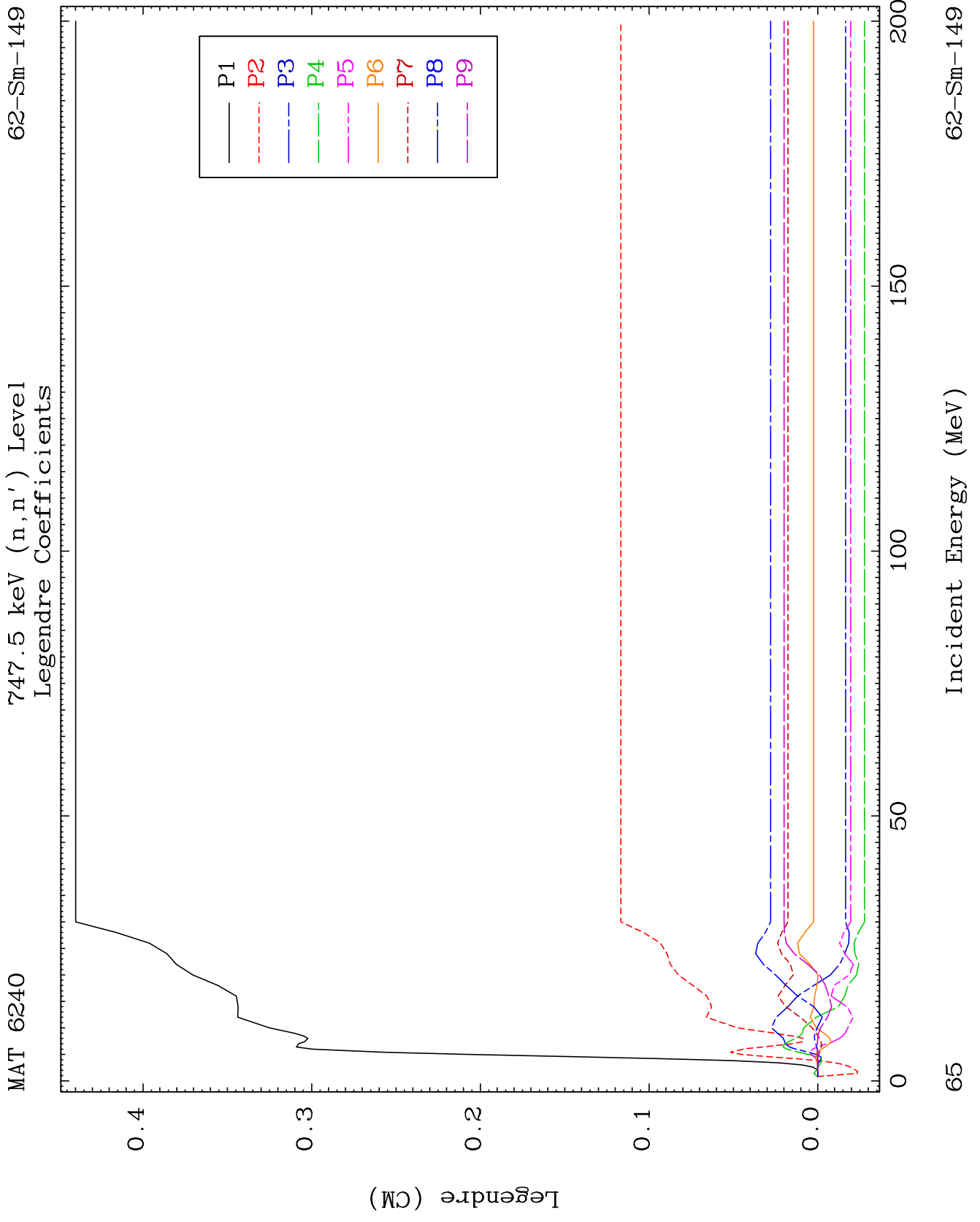
Incident Energy (MeV)

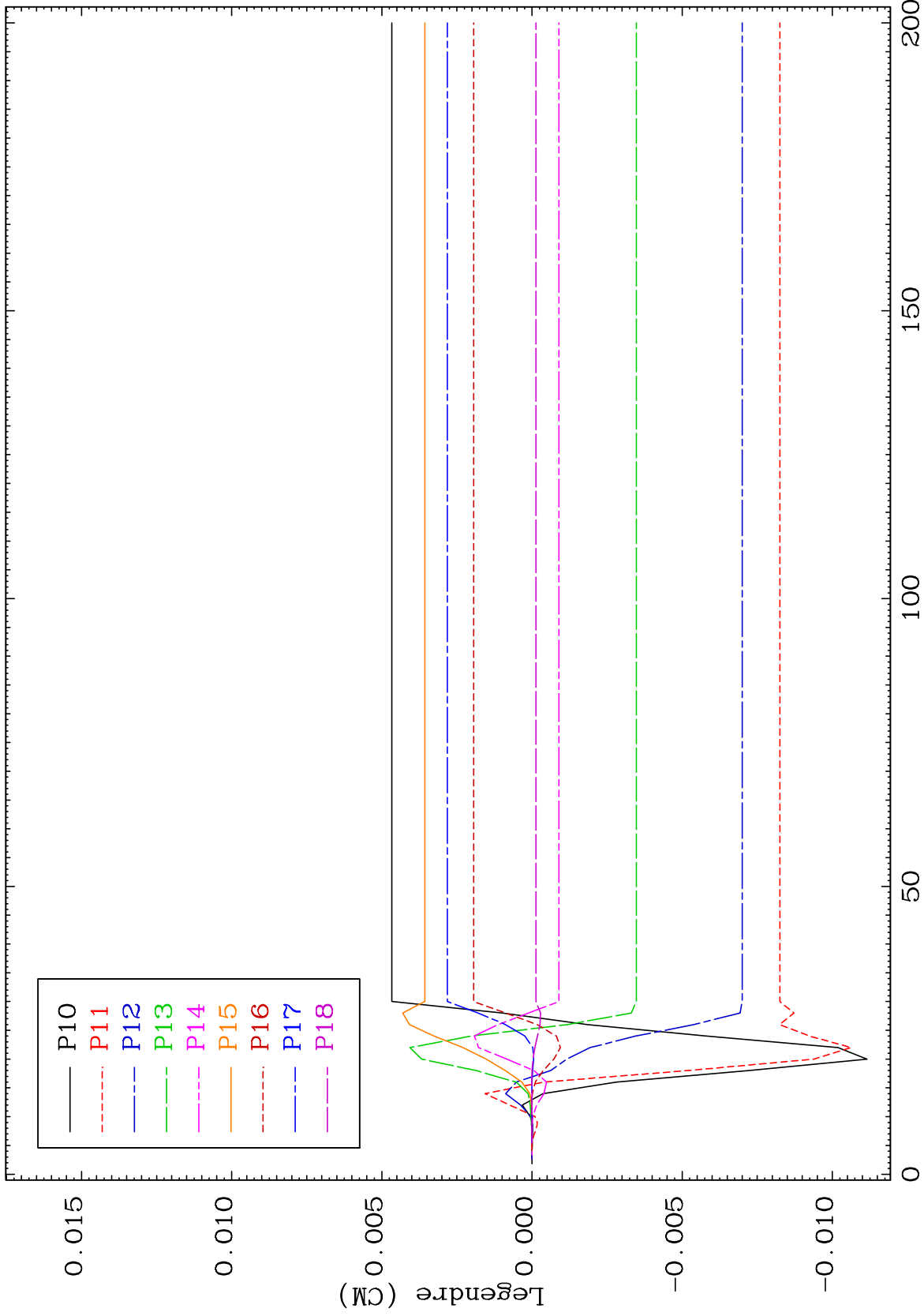
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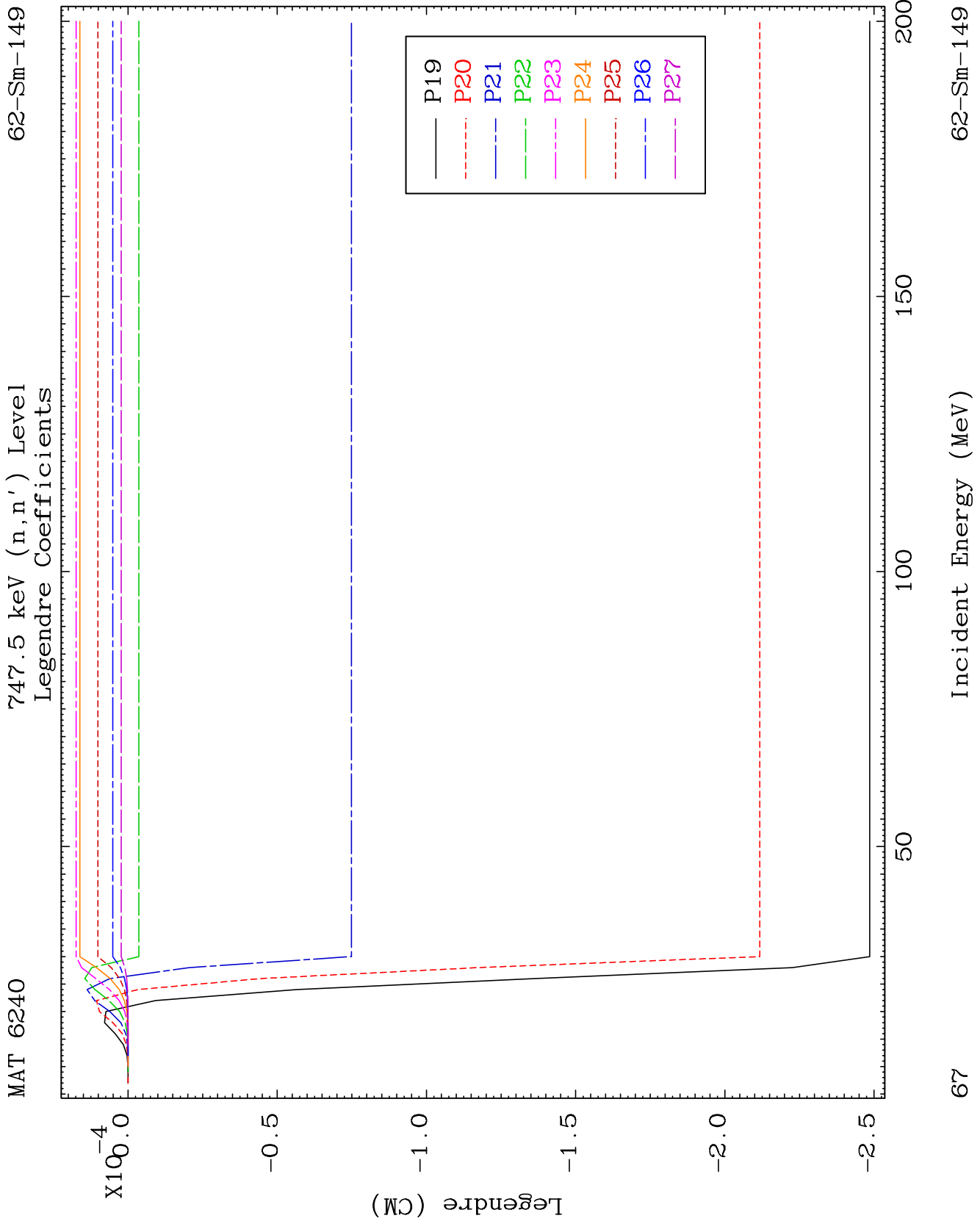


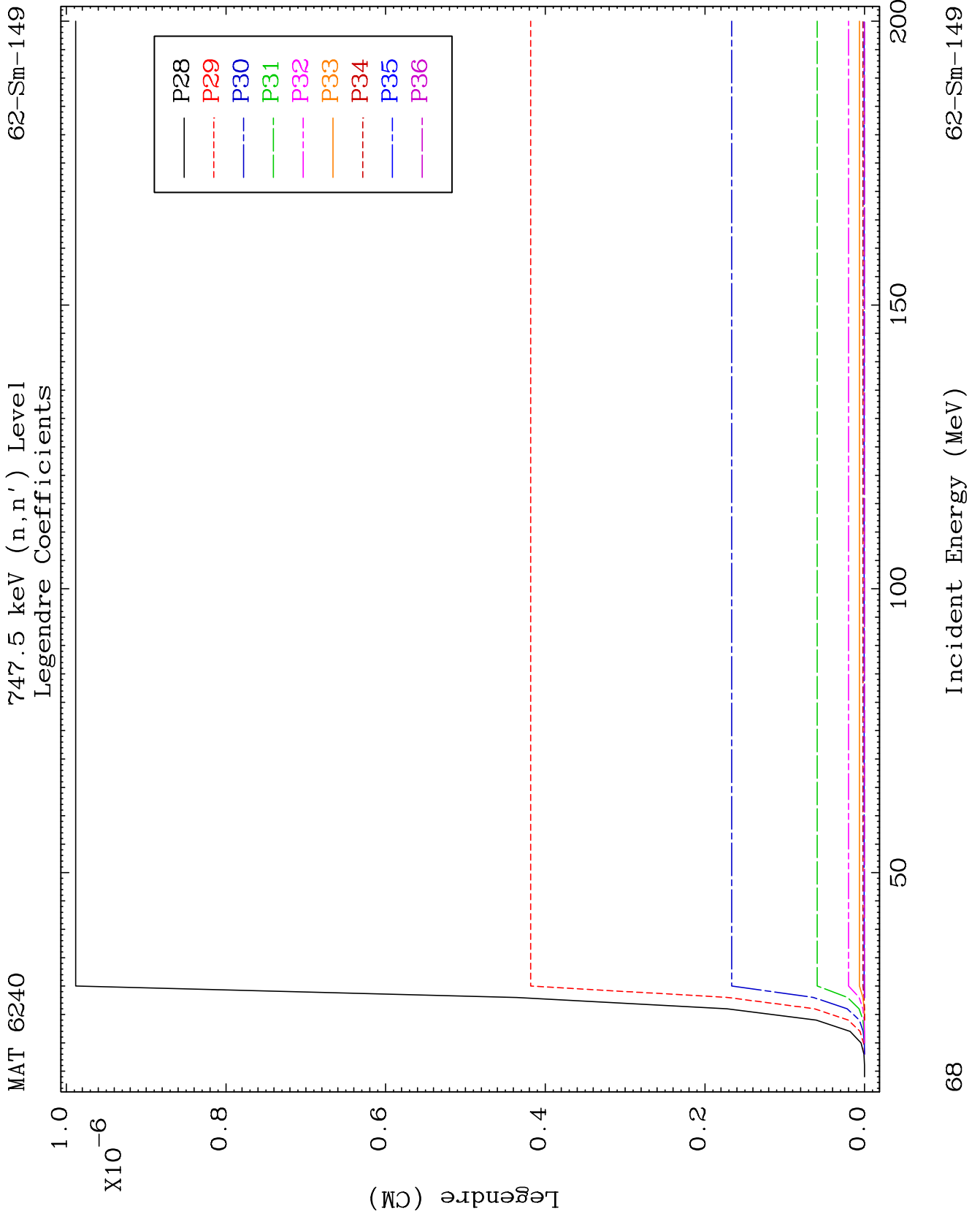


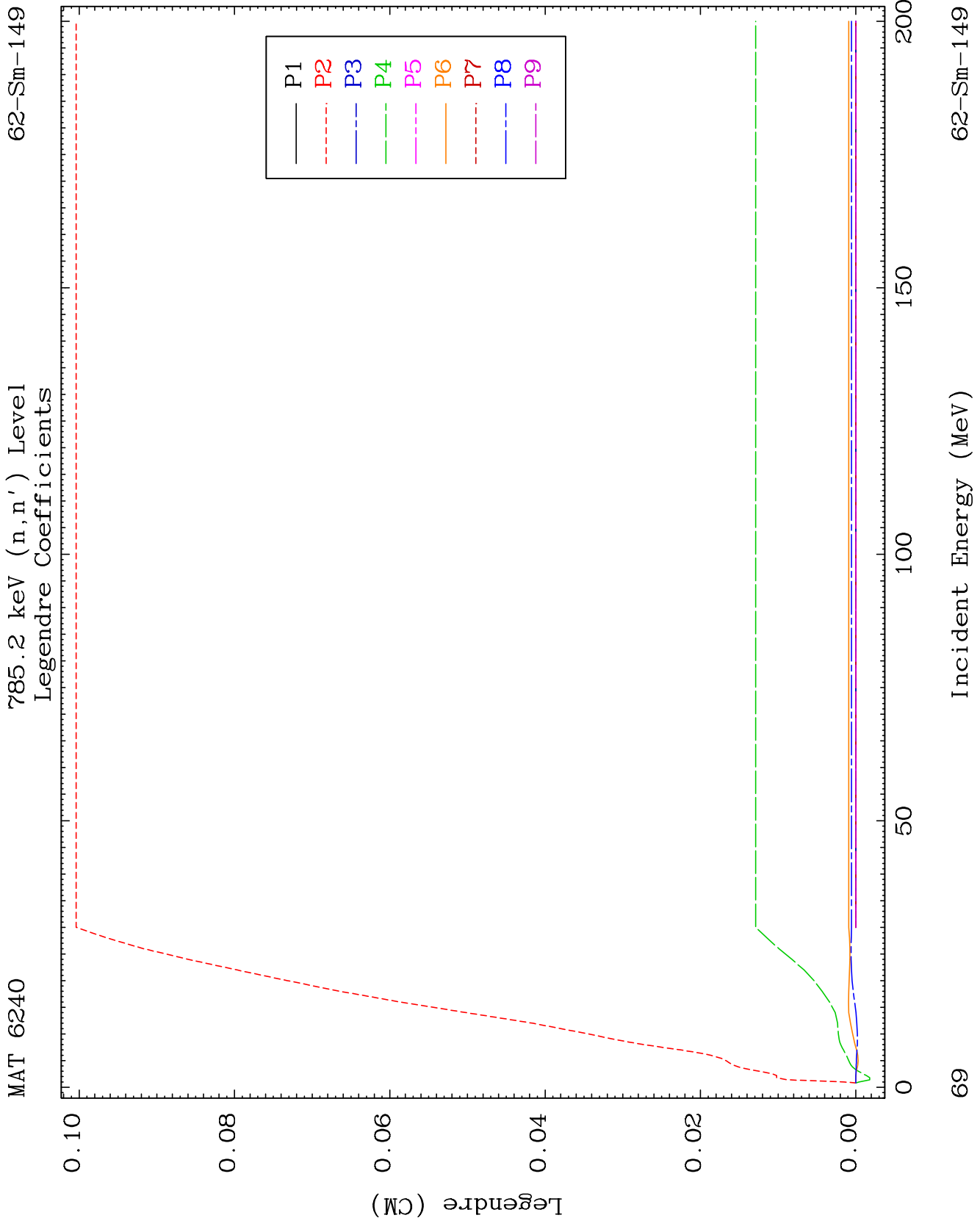








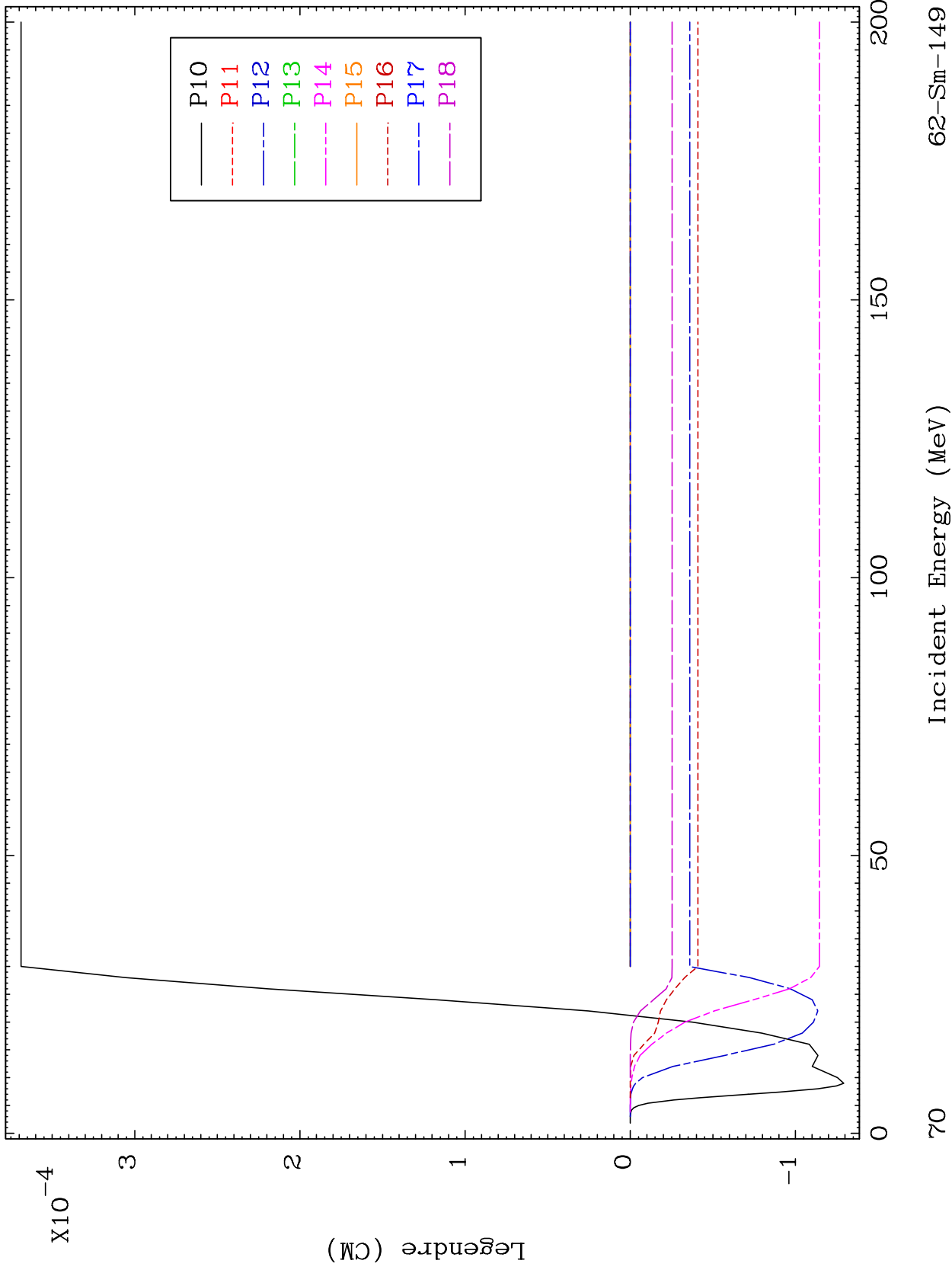




MAT 6240

785.2 keV (n, n') Level
Legendre Coefficients

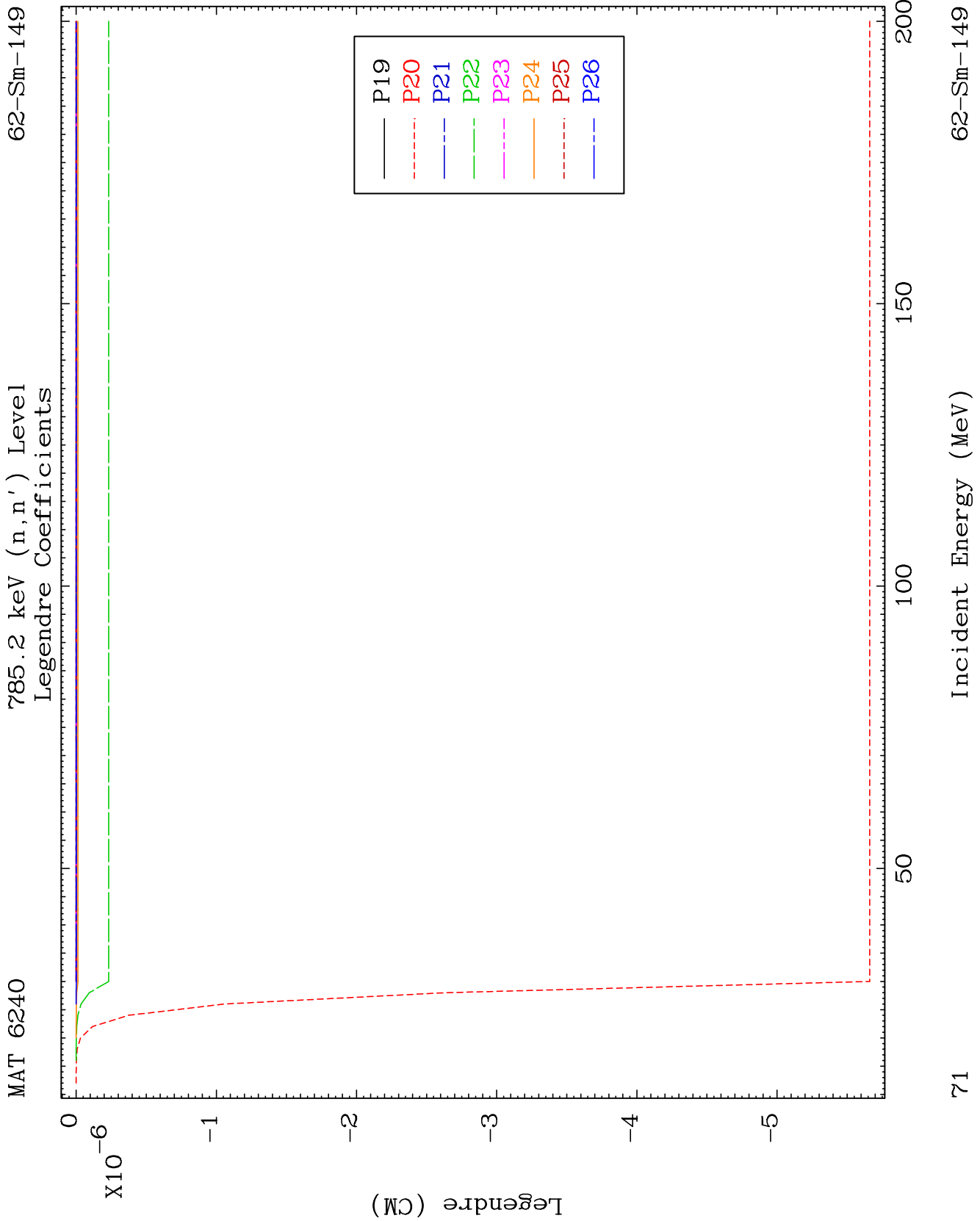
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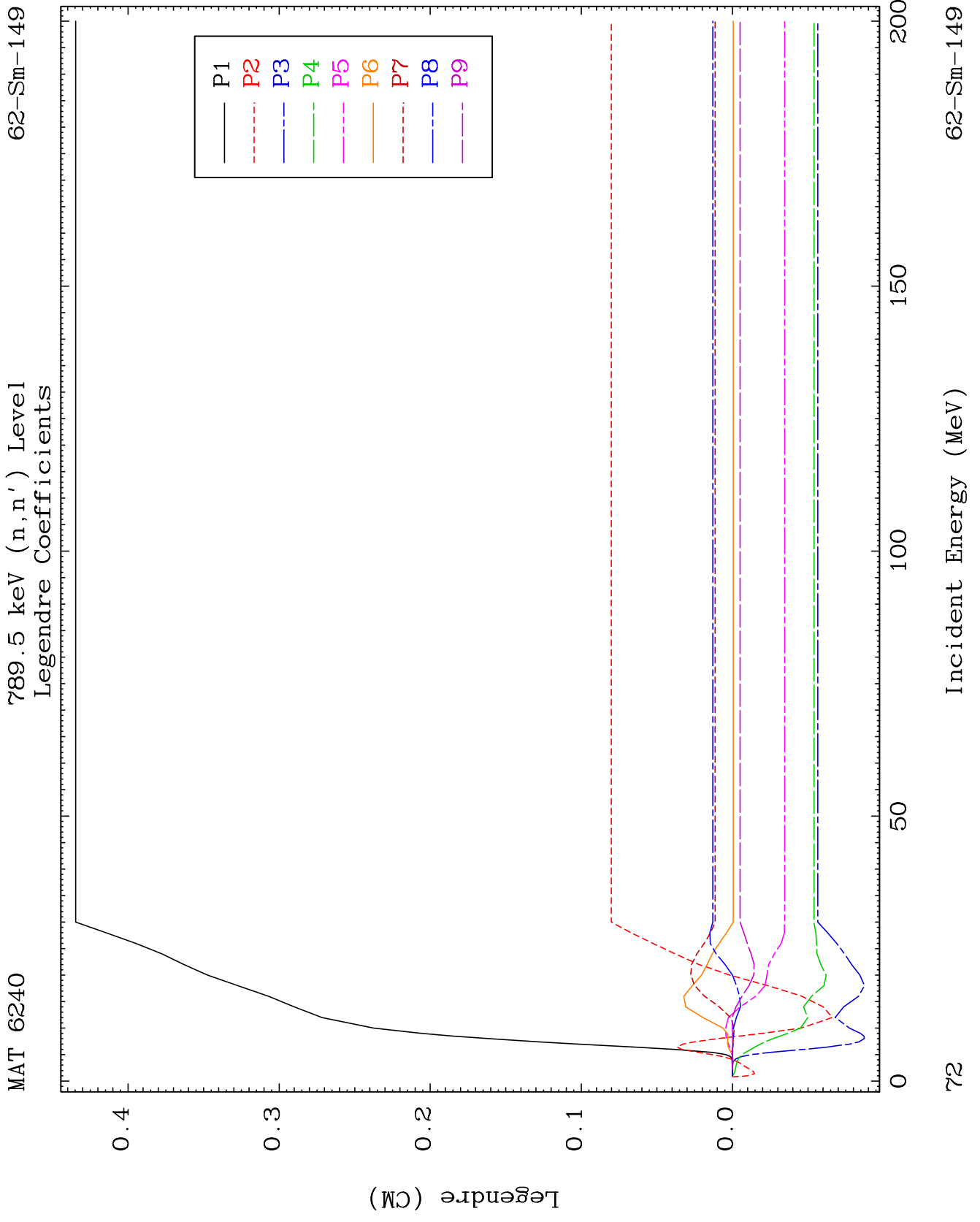


62-Sm-149

Incident Energy (MeV)

70

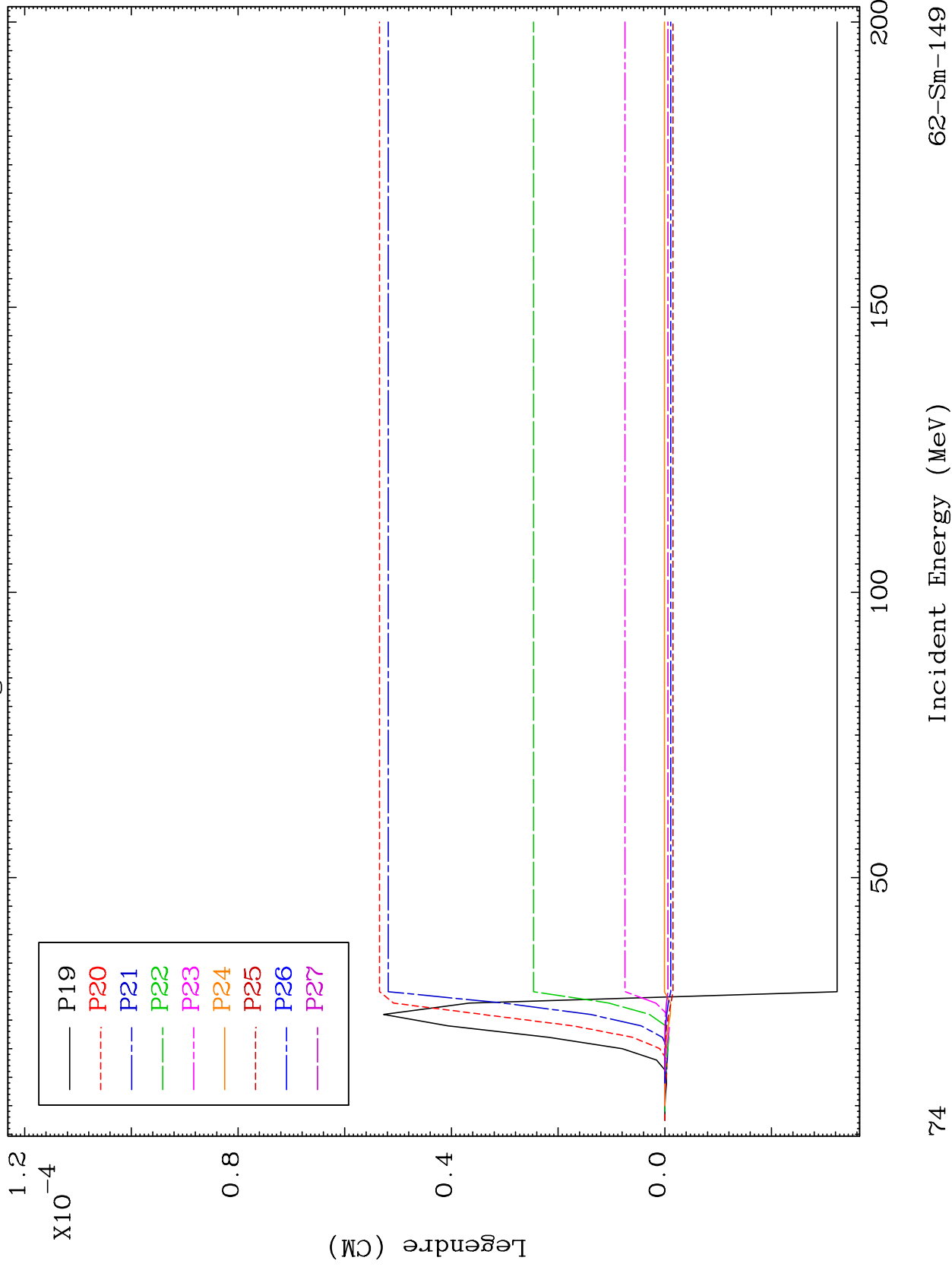


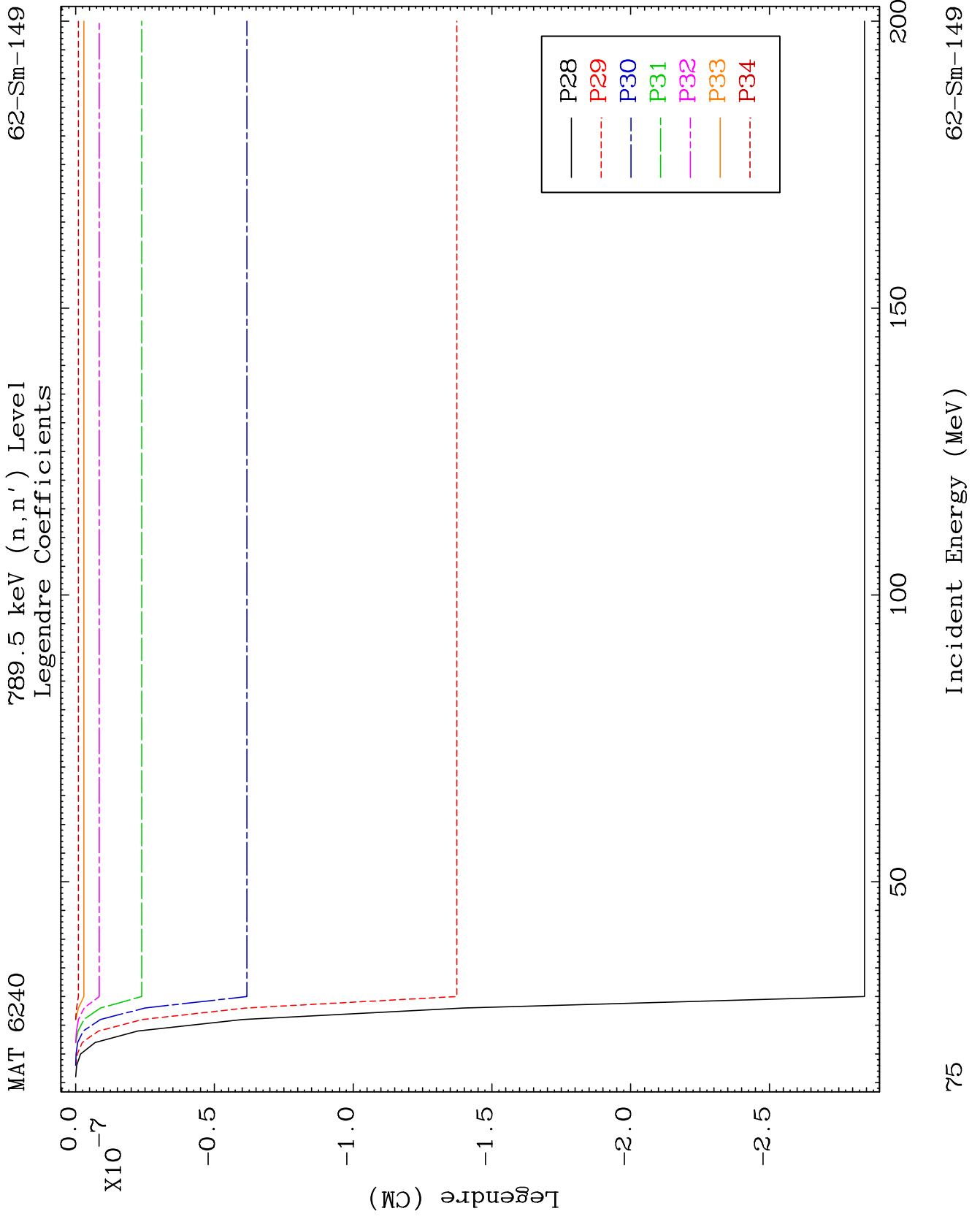


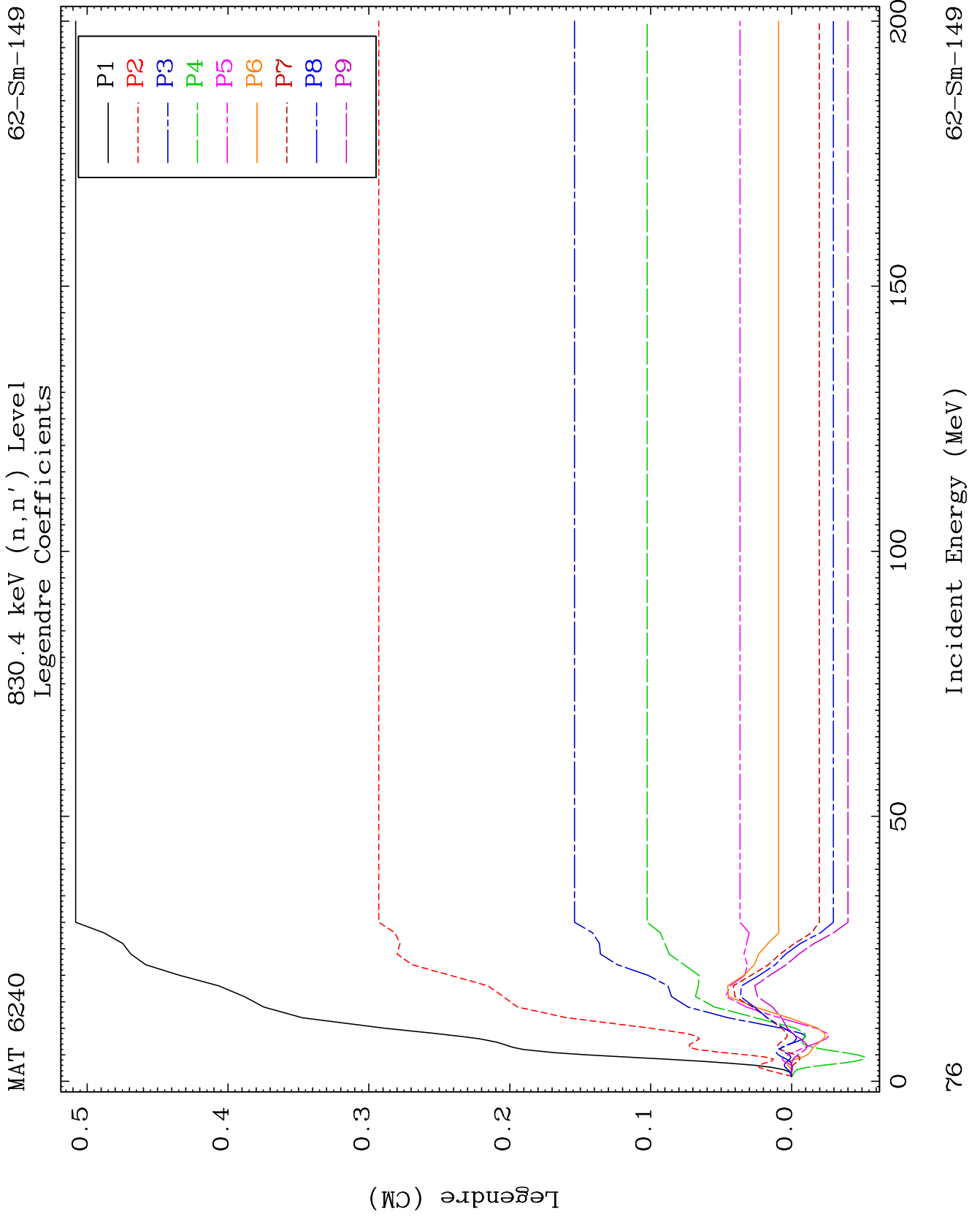
MAT 6240

789.5 keV (n,n') Level
Legendre Coefficients

62-Sm-149



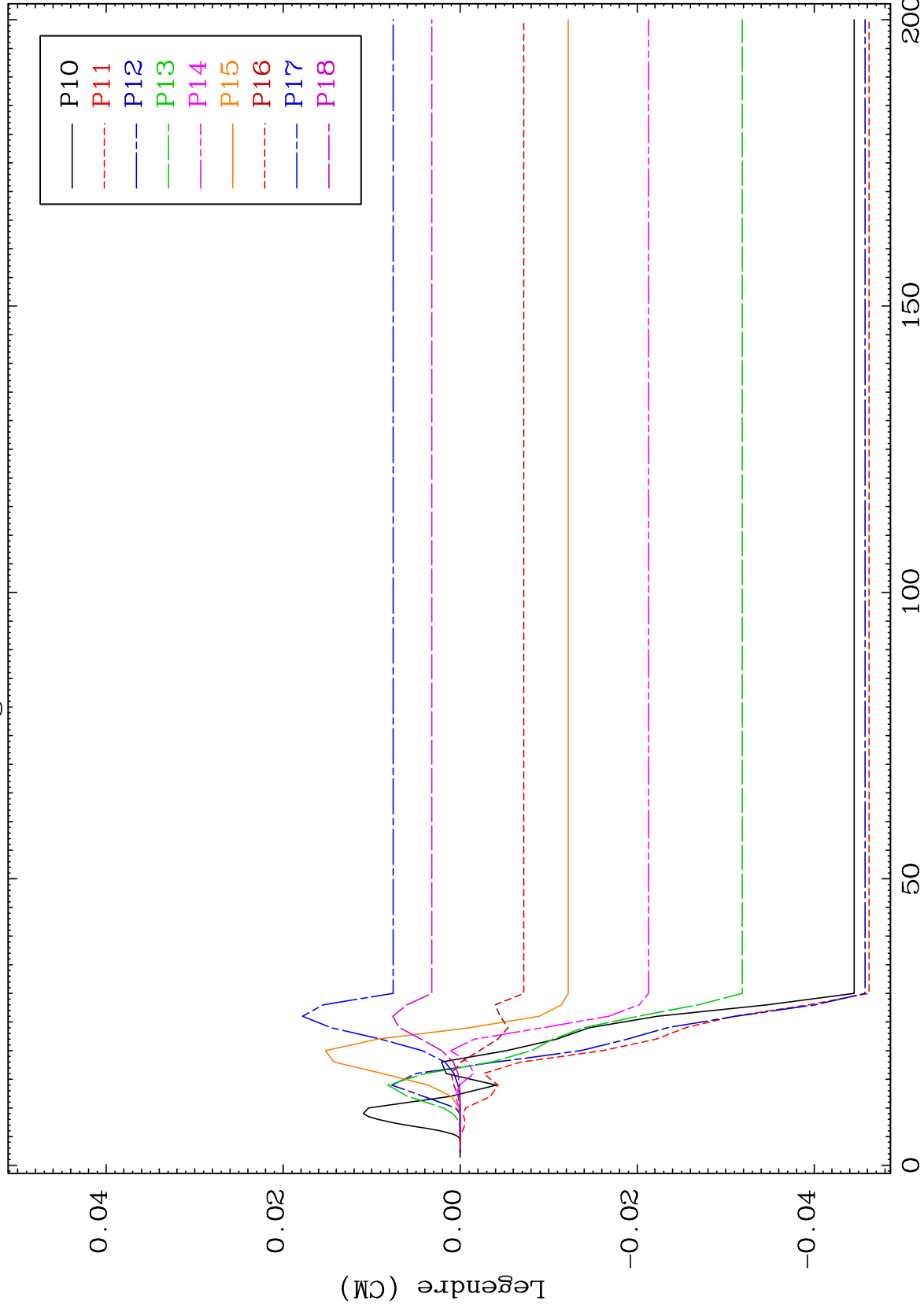




MAT 6240

830.4 keV (n,n') Level
Legendre Coefficients

62-Sm-149



77

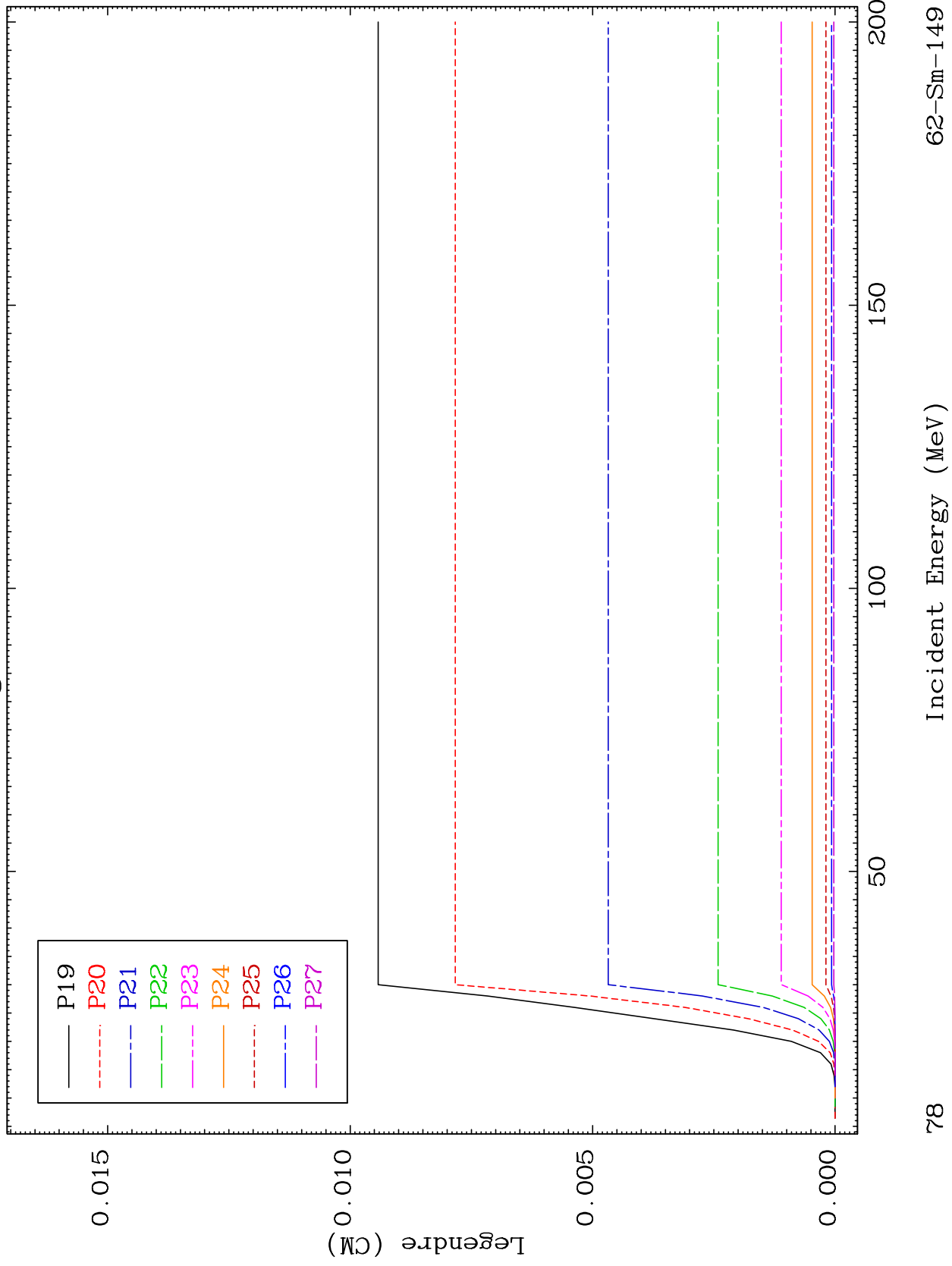
Incident Energy (MeV)

62-Sm-149

MAT 6240

830.4 keV (n,n') Level
Legendre Coefficients

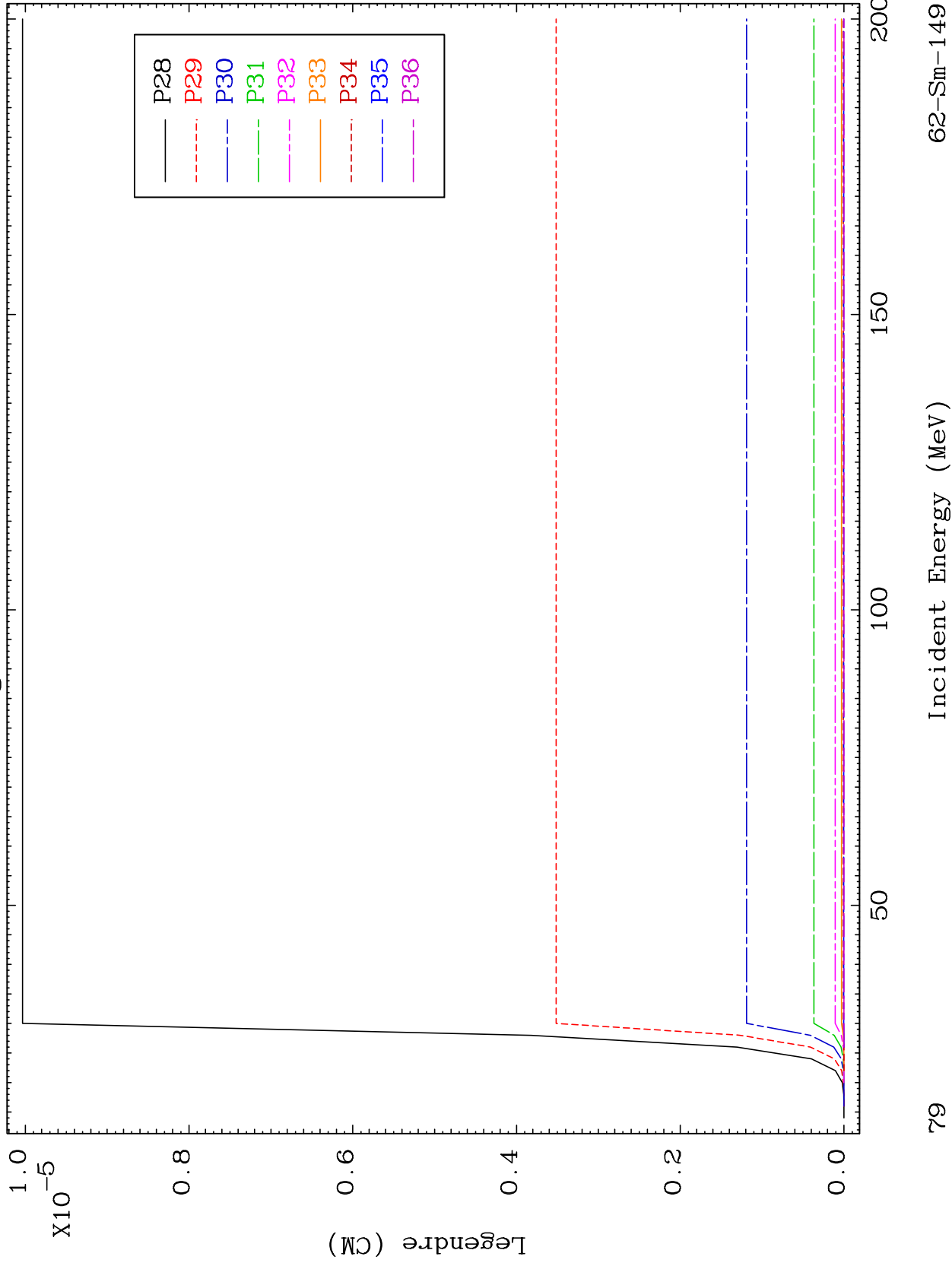
62-Sm-149



MAT 6240

830.4 keV (n, n') Level
Legendre Coefficients

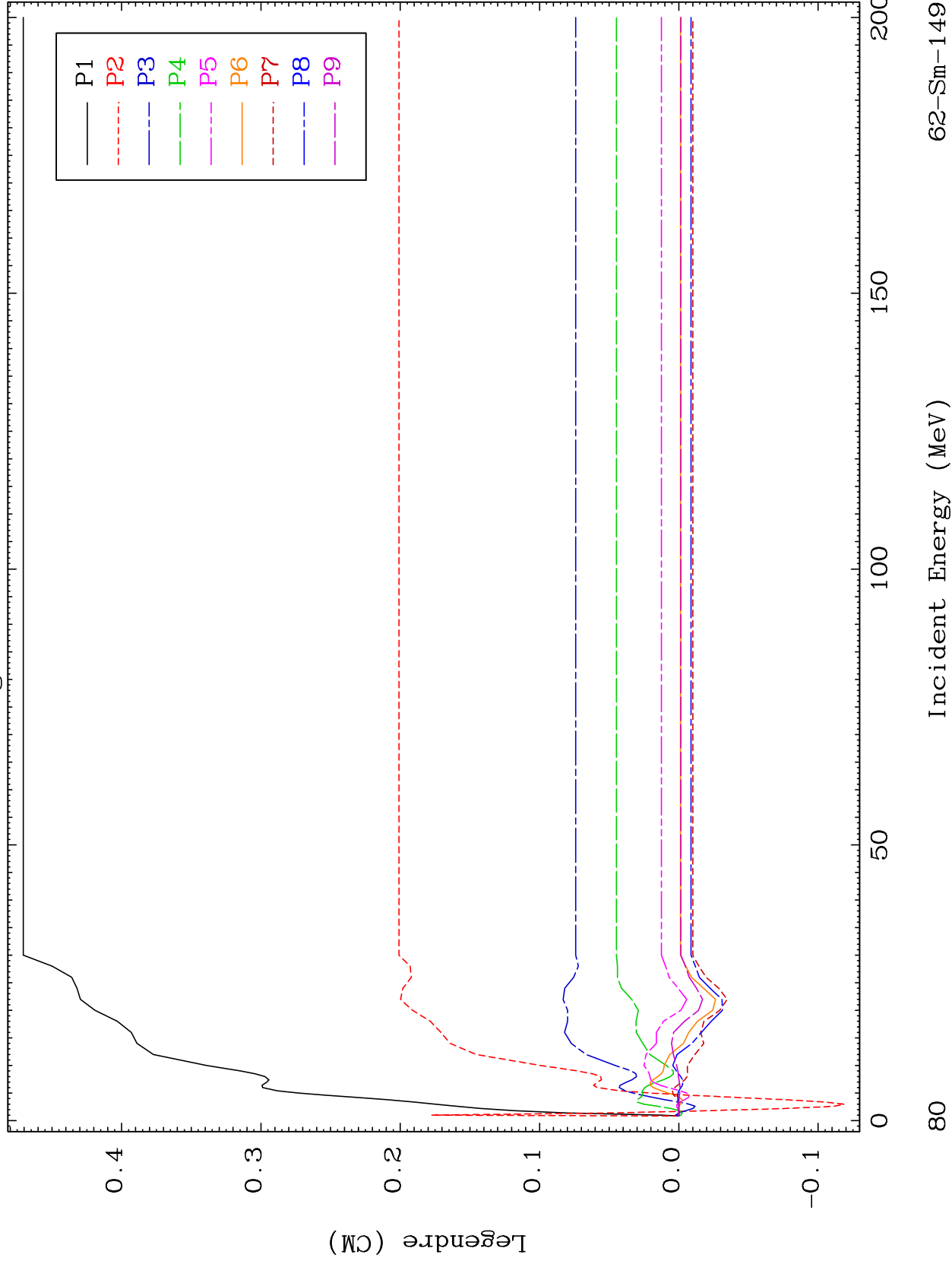
62-Sm-149



MAT 6240

833.2 keV (n,n') Level
Legendre Coefficients

62-Sm-149



62-Sm-149

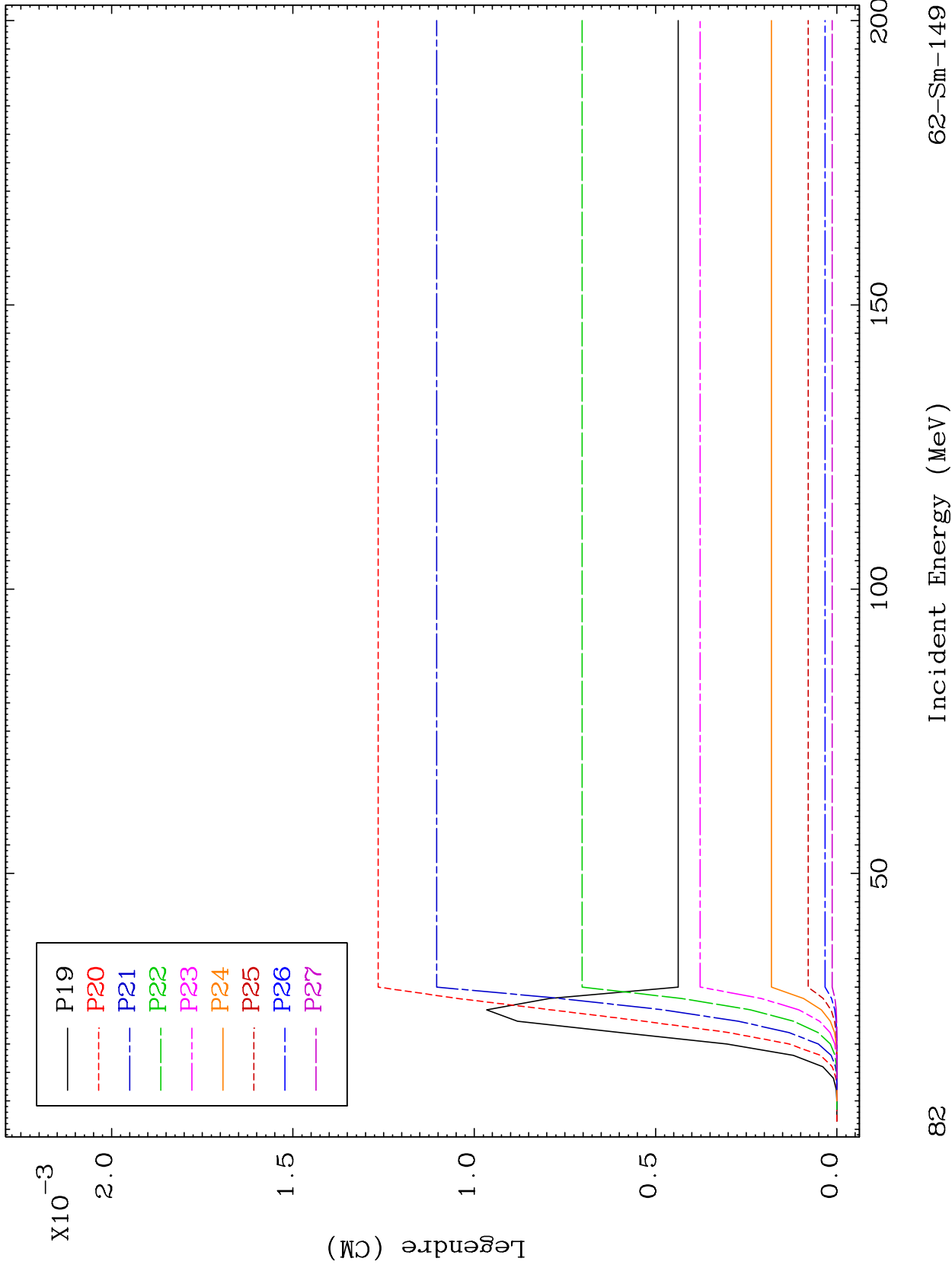
Incident Energy (MeV)

80

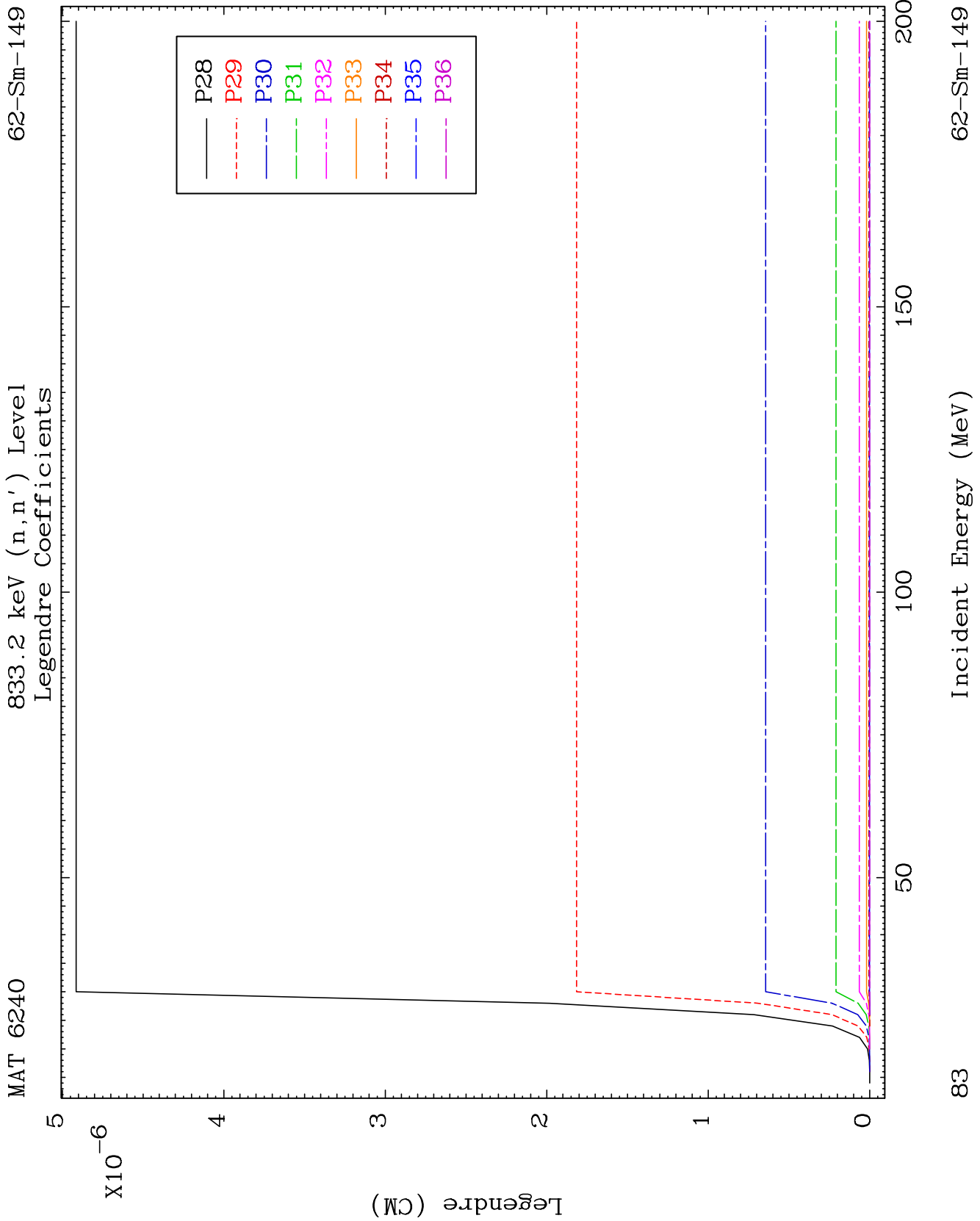
MAT 6240

833.2 keV (n,n') Level
Legendre Coefficients

62-Sm-149



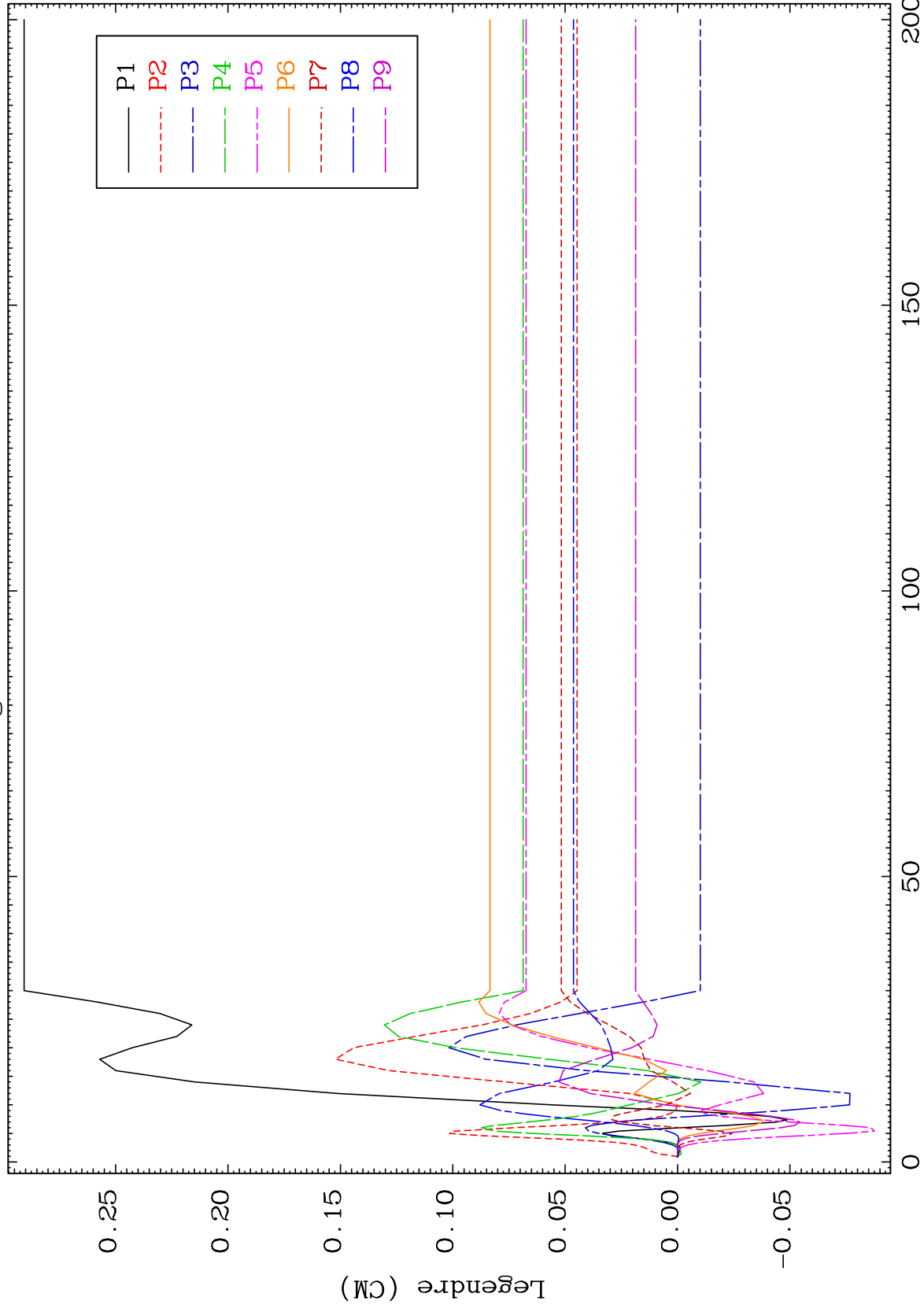
82



MAT 6240

835.6 keV (n,n') Level
Legendre Coefficients

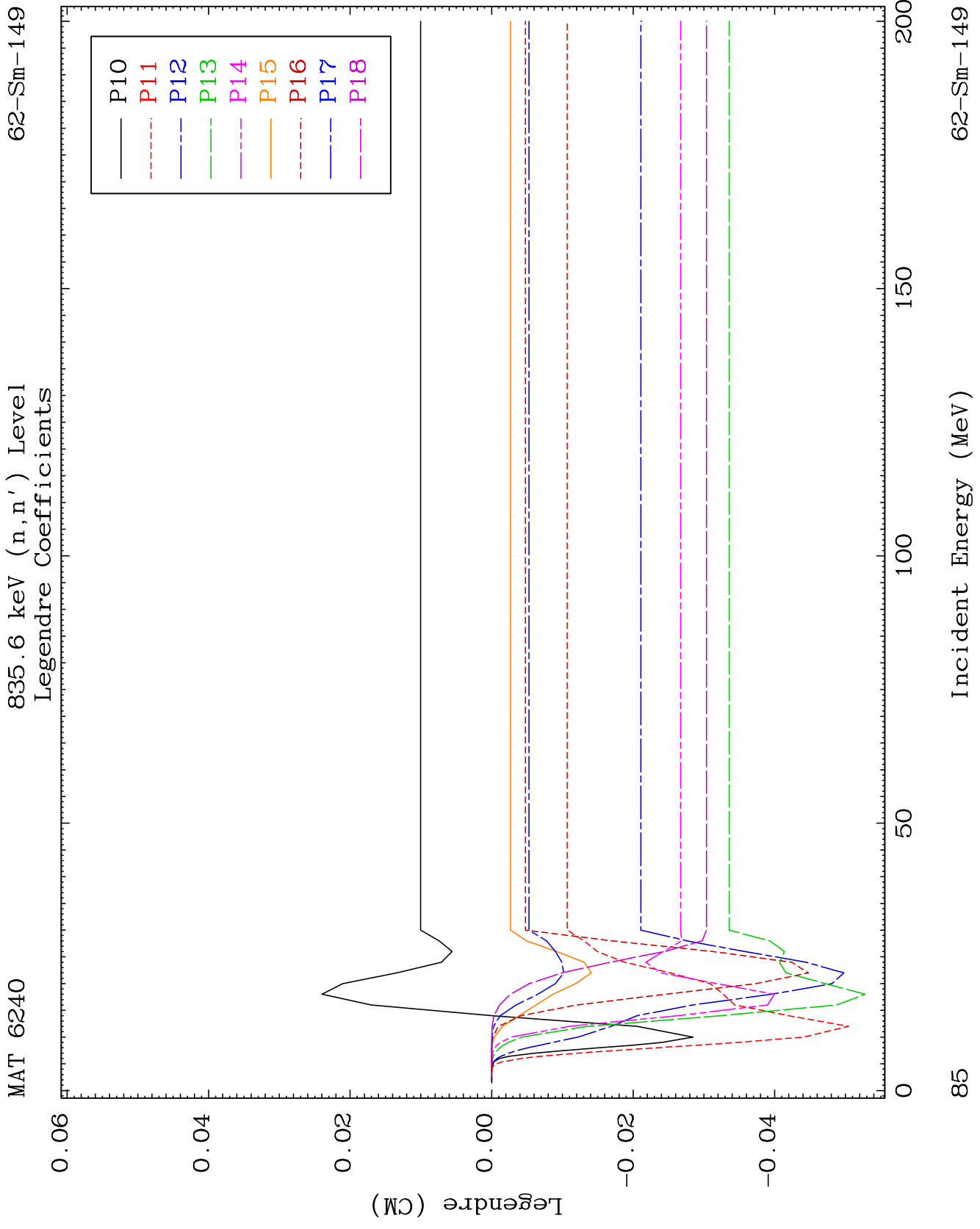
62-Sm-149

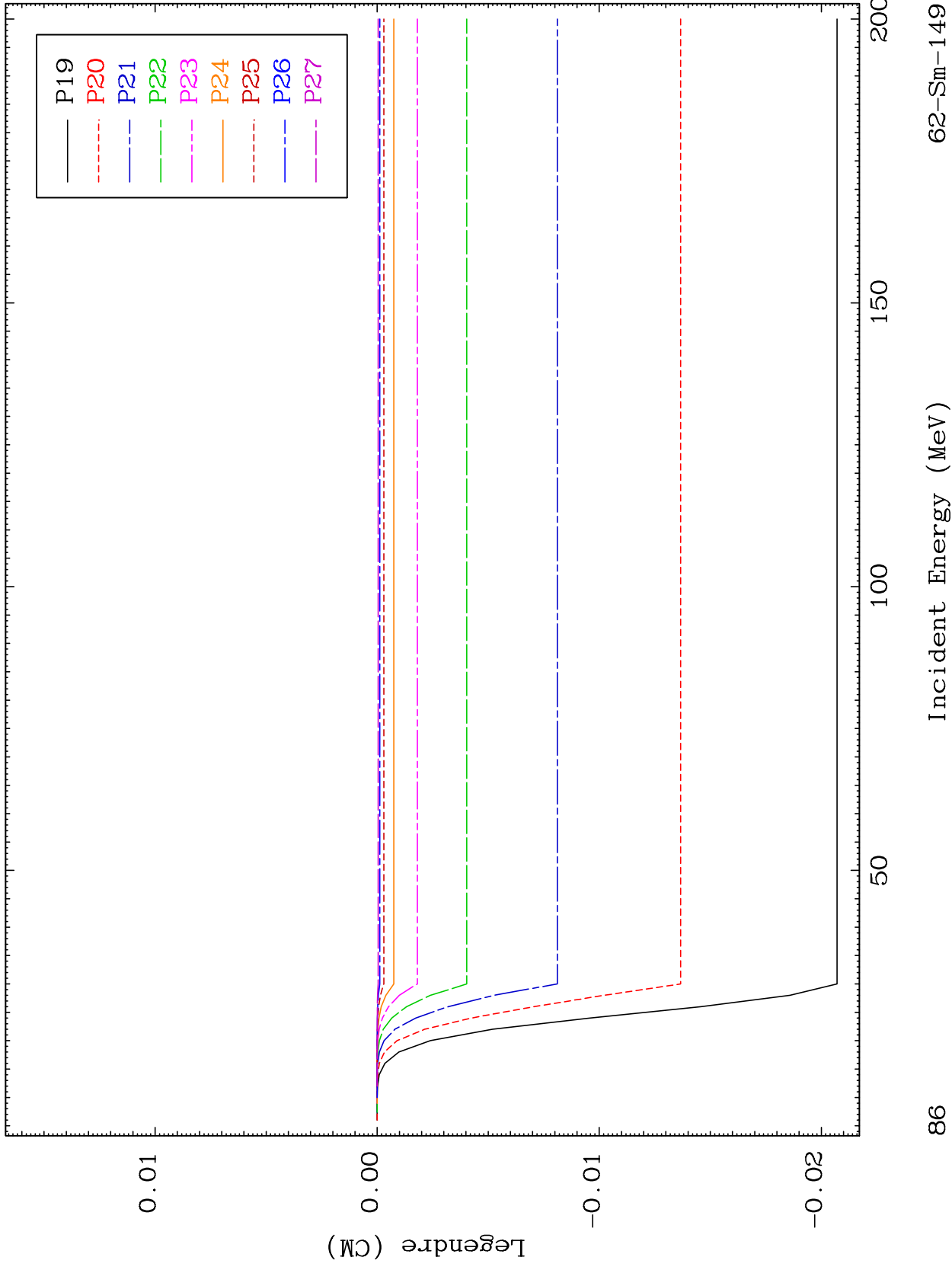


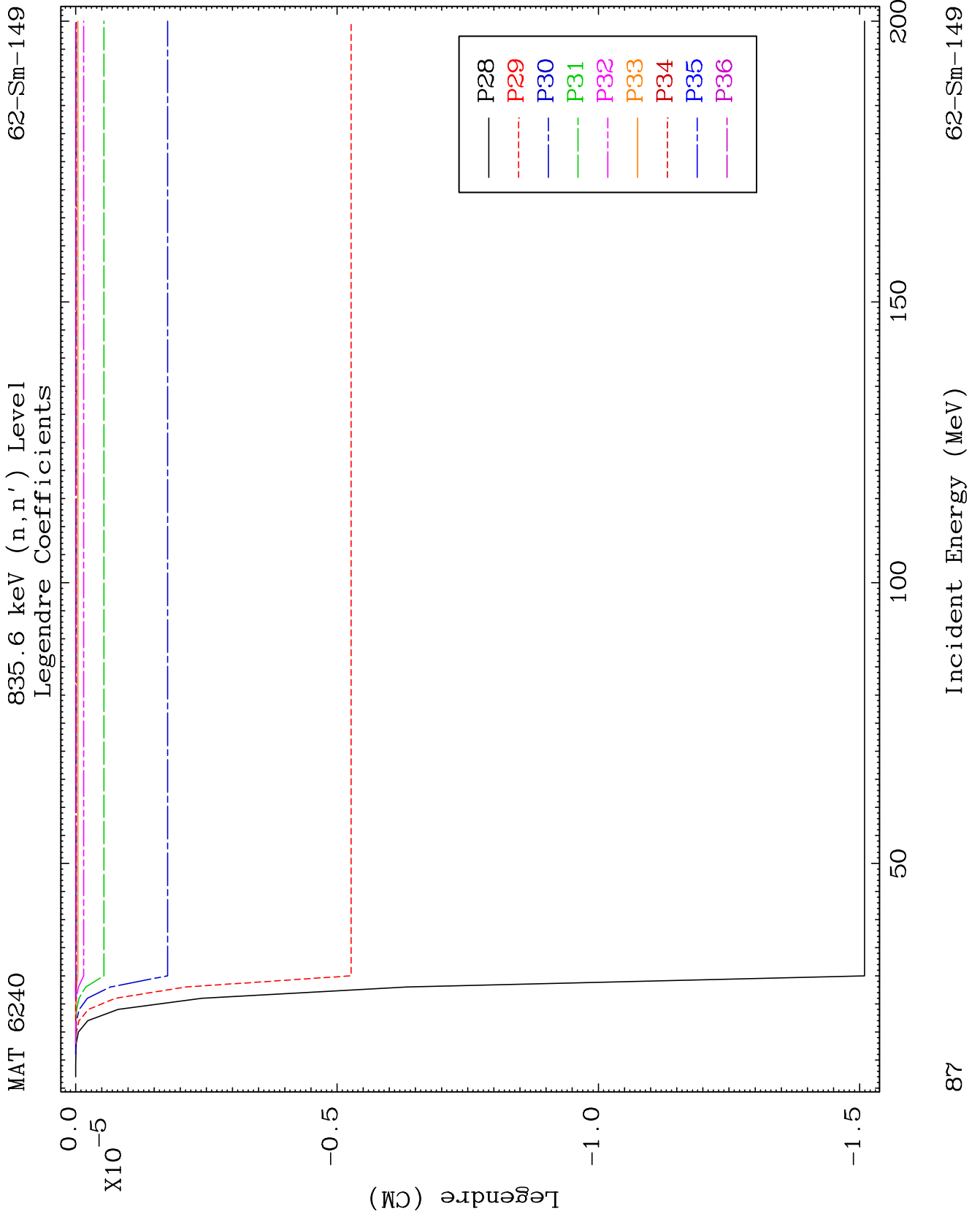
84

Incident Energy (MeV)

62-Sm-149



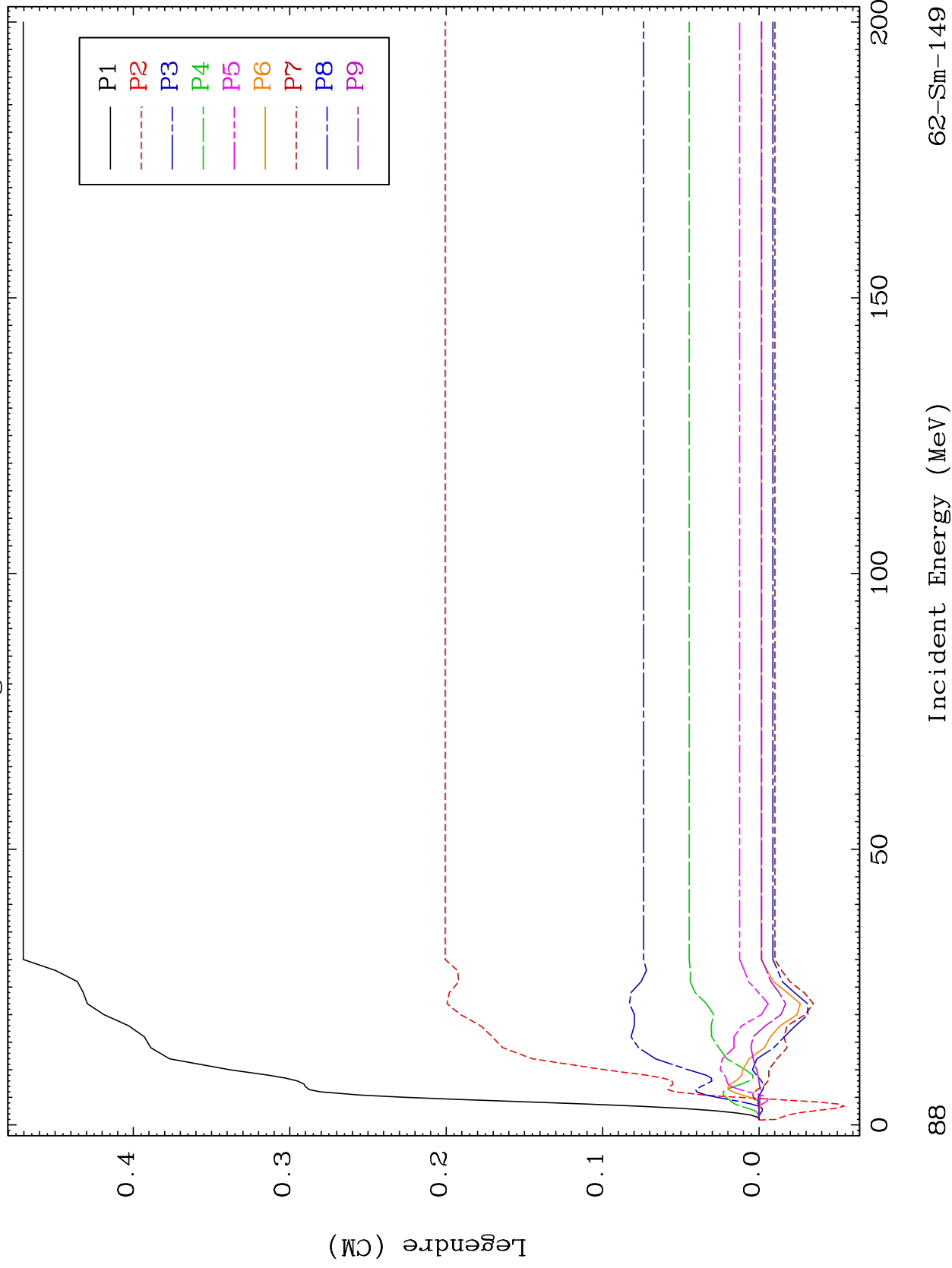




MAT 6240

878.6 keV (n,n') Level
Legendre Coefficients

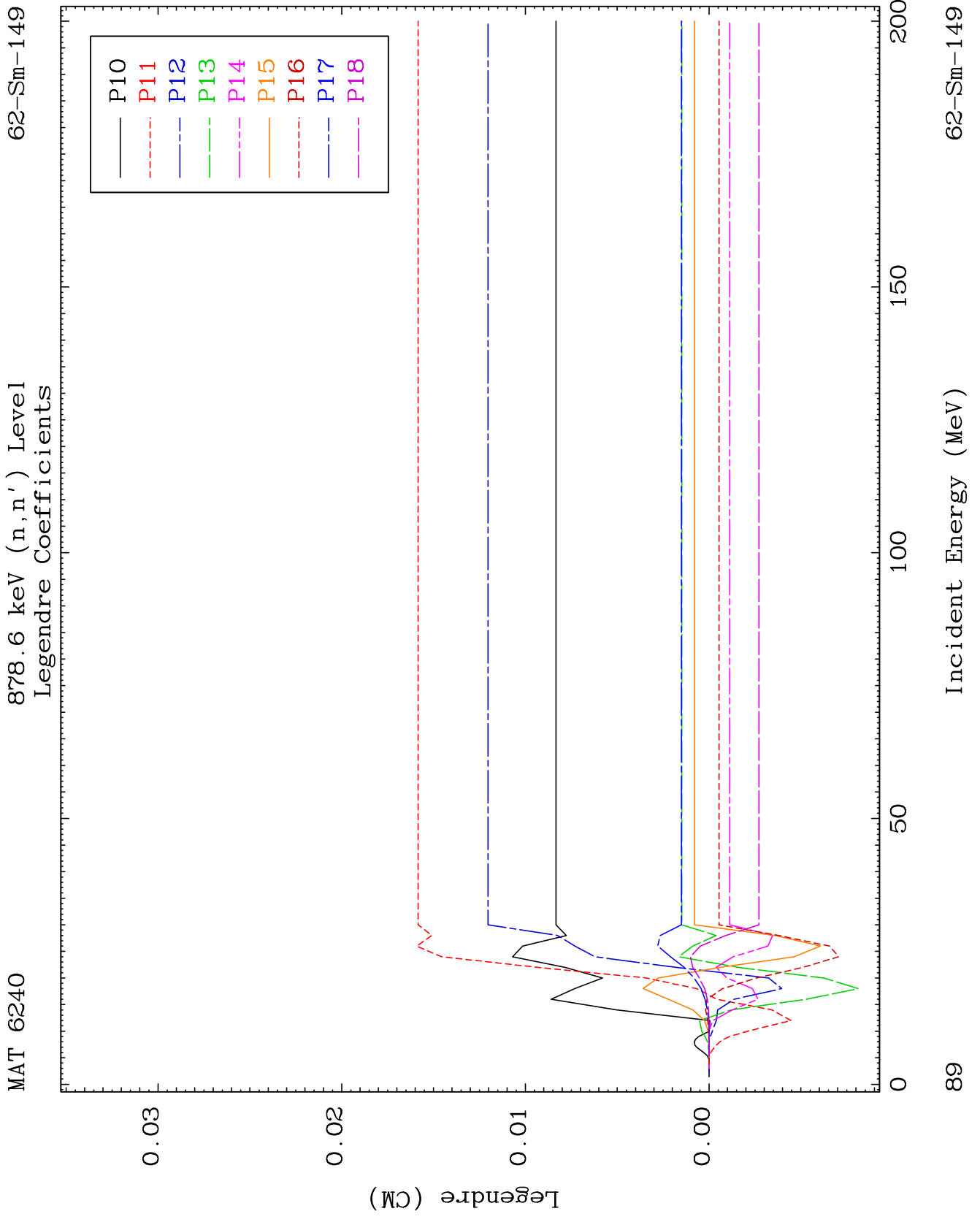
62-Sm-149



62-Sm-149

Incident Energy (MeV)

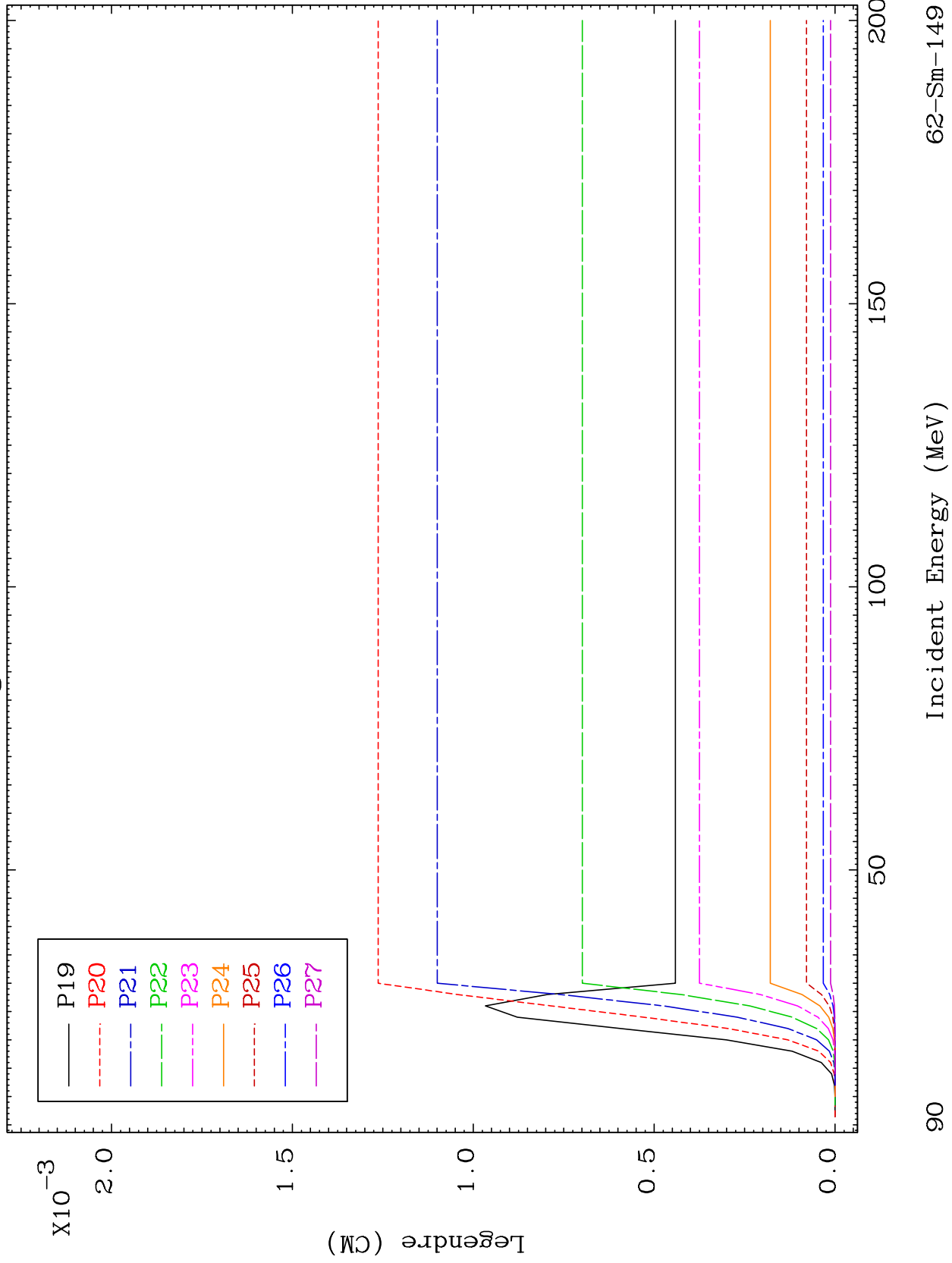
88



MAT 6240

878.6 keV (n,n') Level
Legendre Coefficients

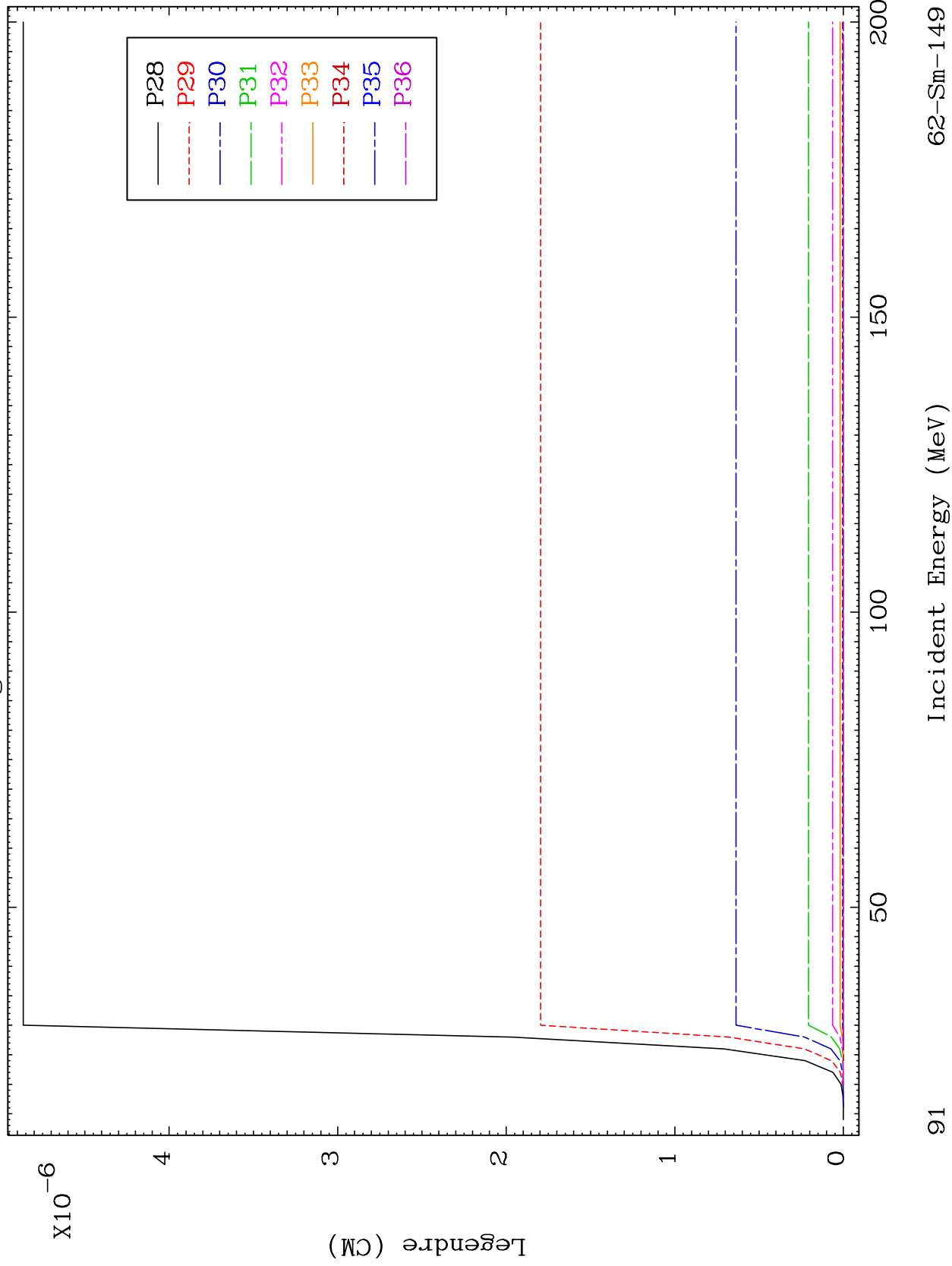
62-Sm-149



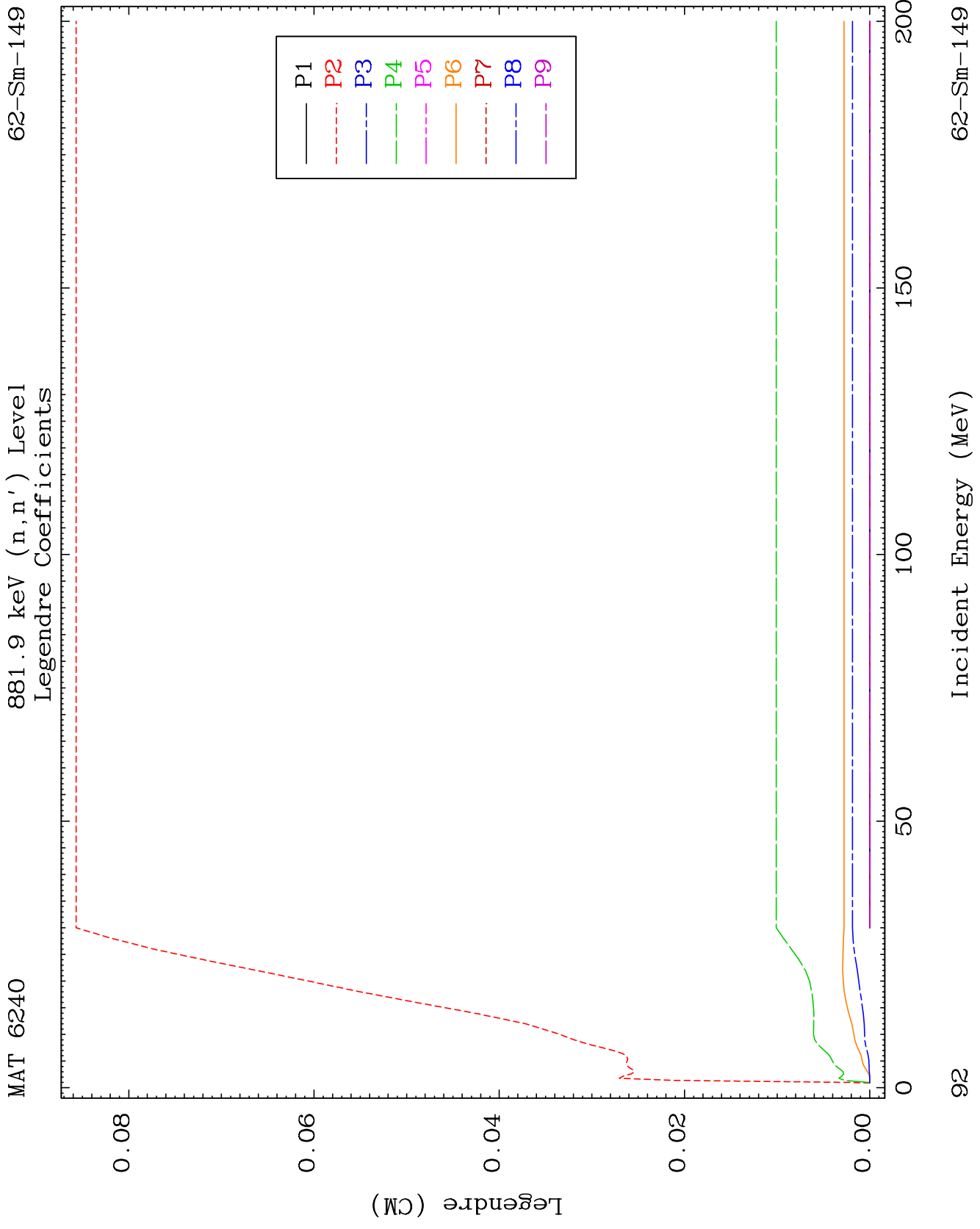
MAT 6240

878.6 keV (n,n') Level
Legendre Coefficients

62-Sm-149



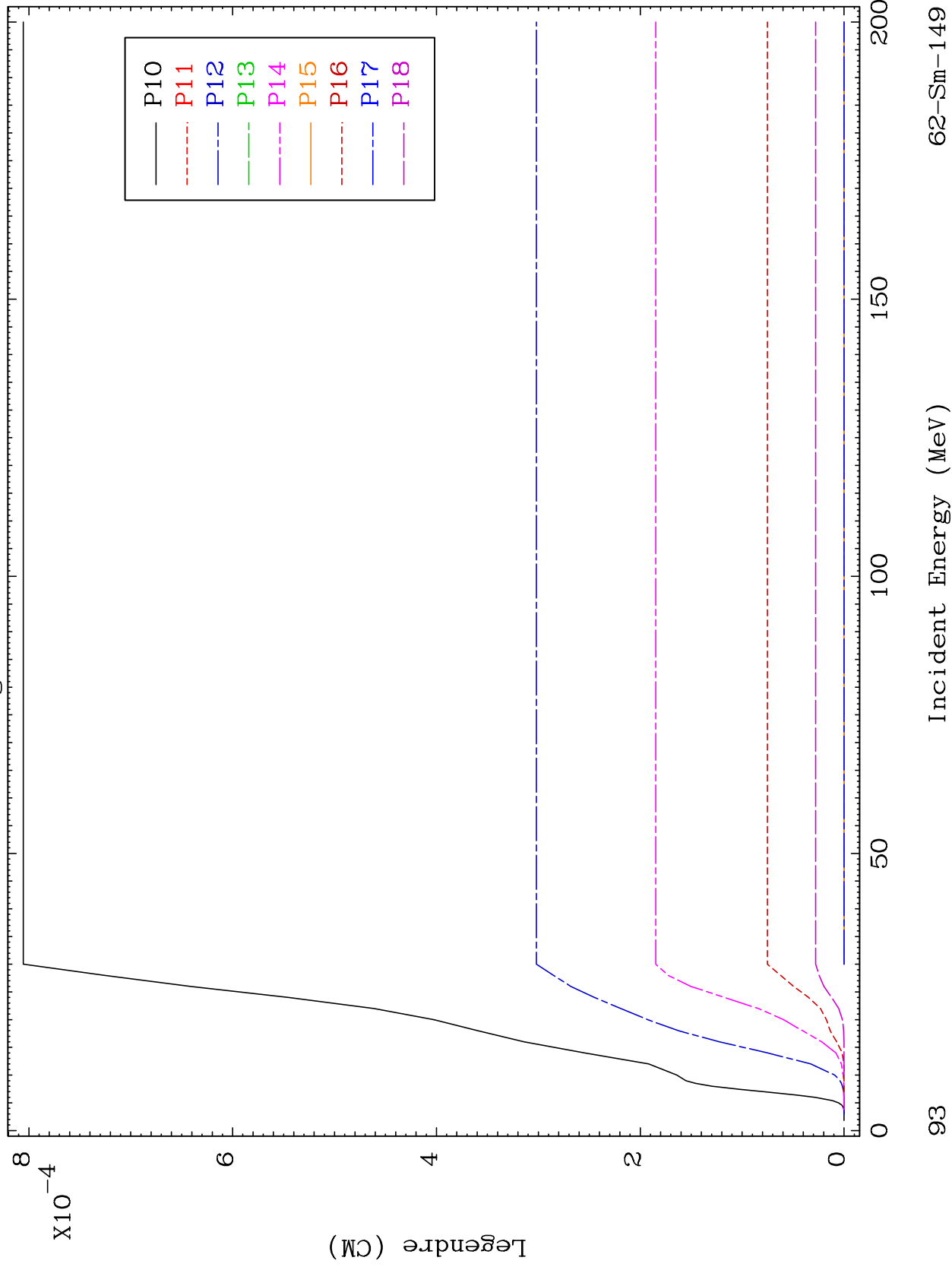
91

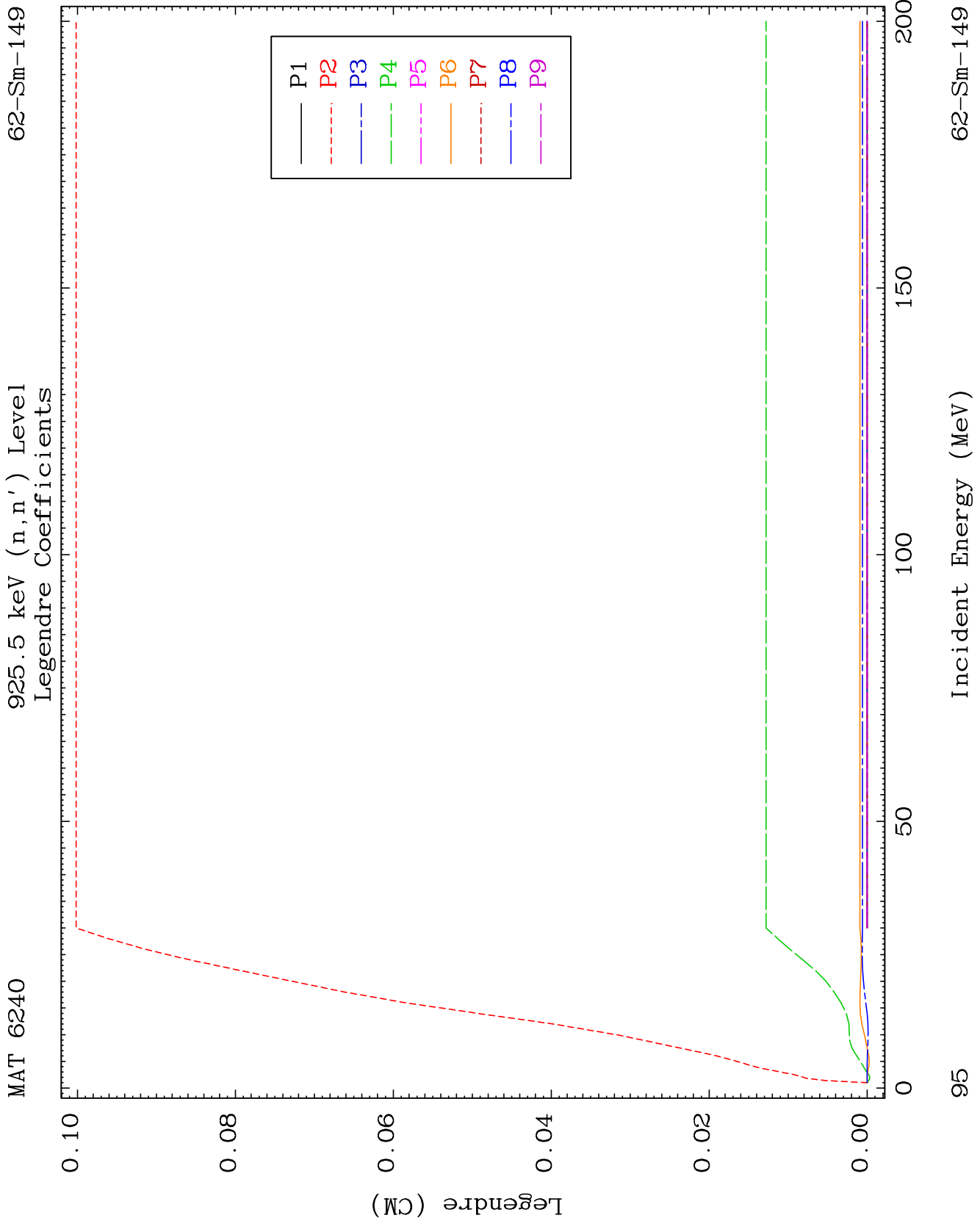


MAT 6240

881.9 keV (n,n') Level
Legendre Coefficients

62-Sm-149

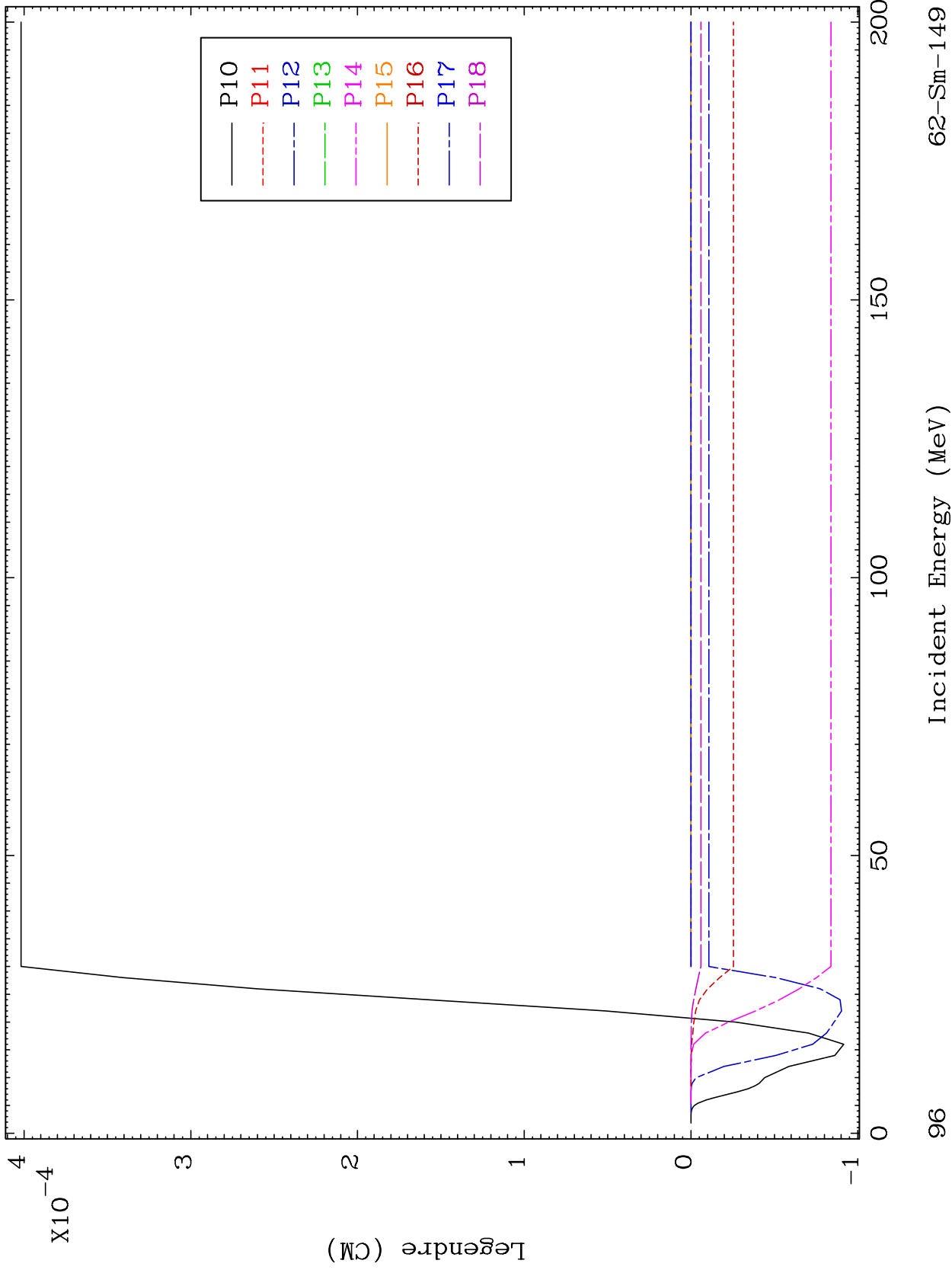


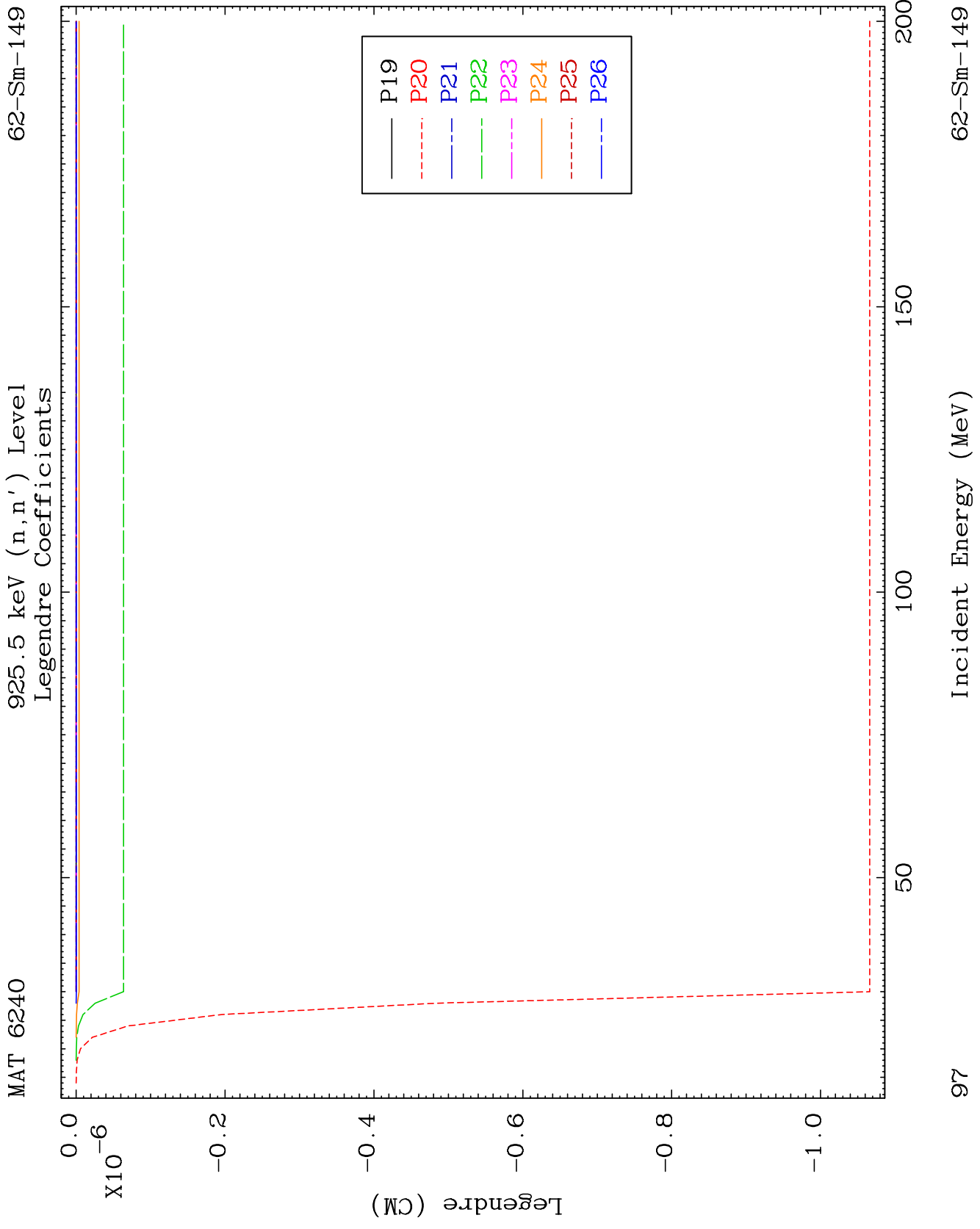


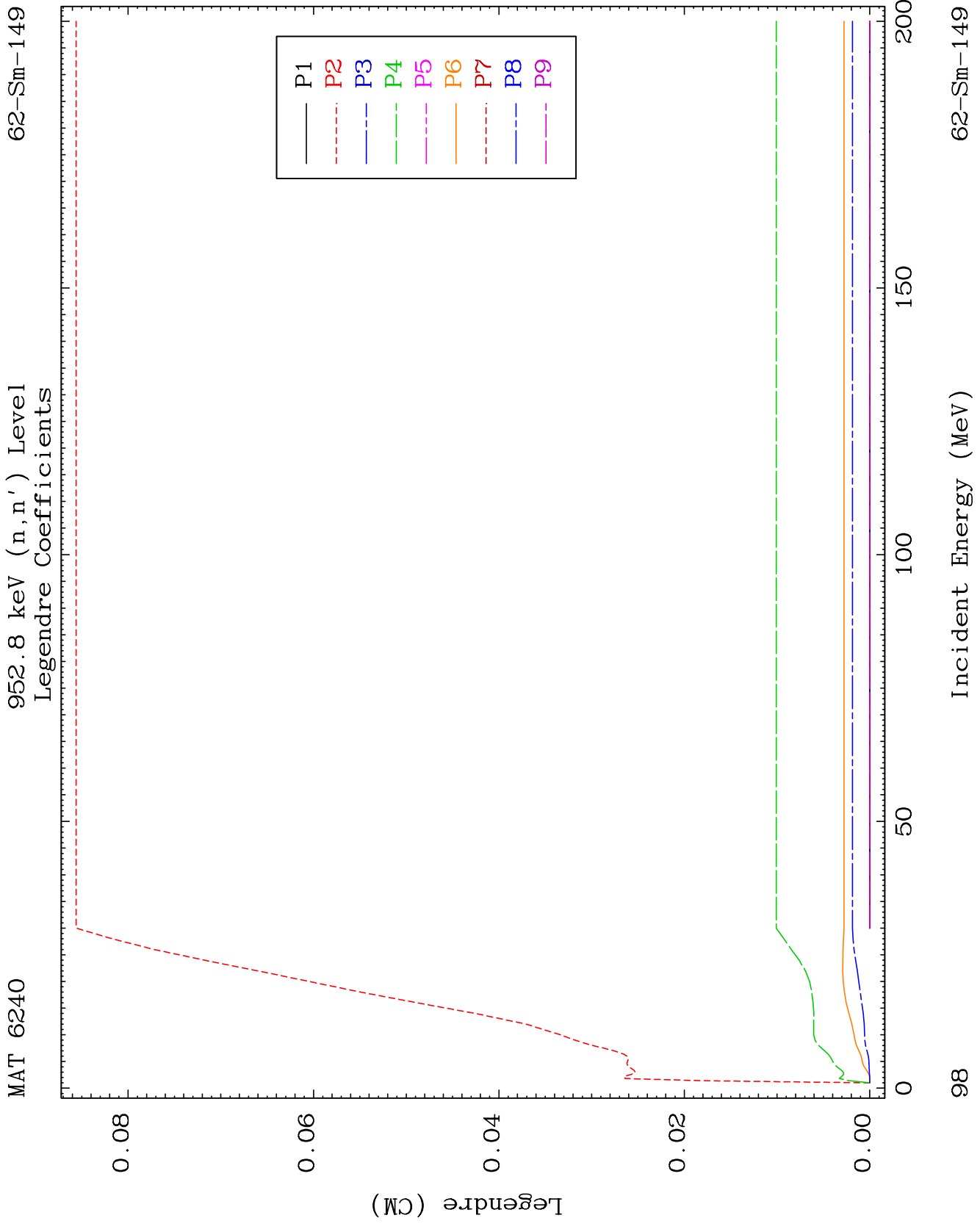
MAT 6240

925.5 keV (n,n') Level
Legendre Coefficients

62-Sm-149



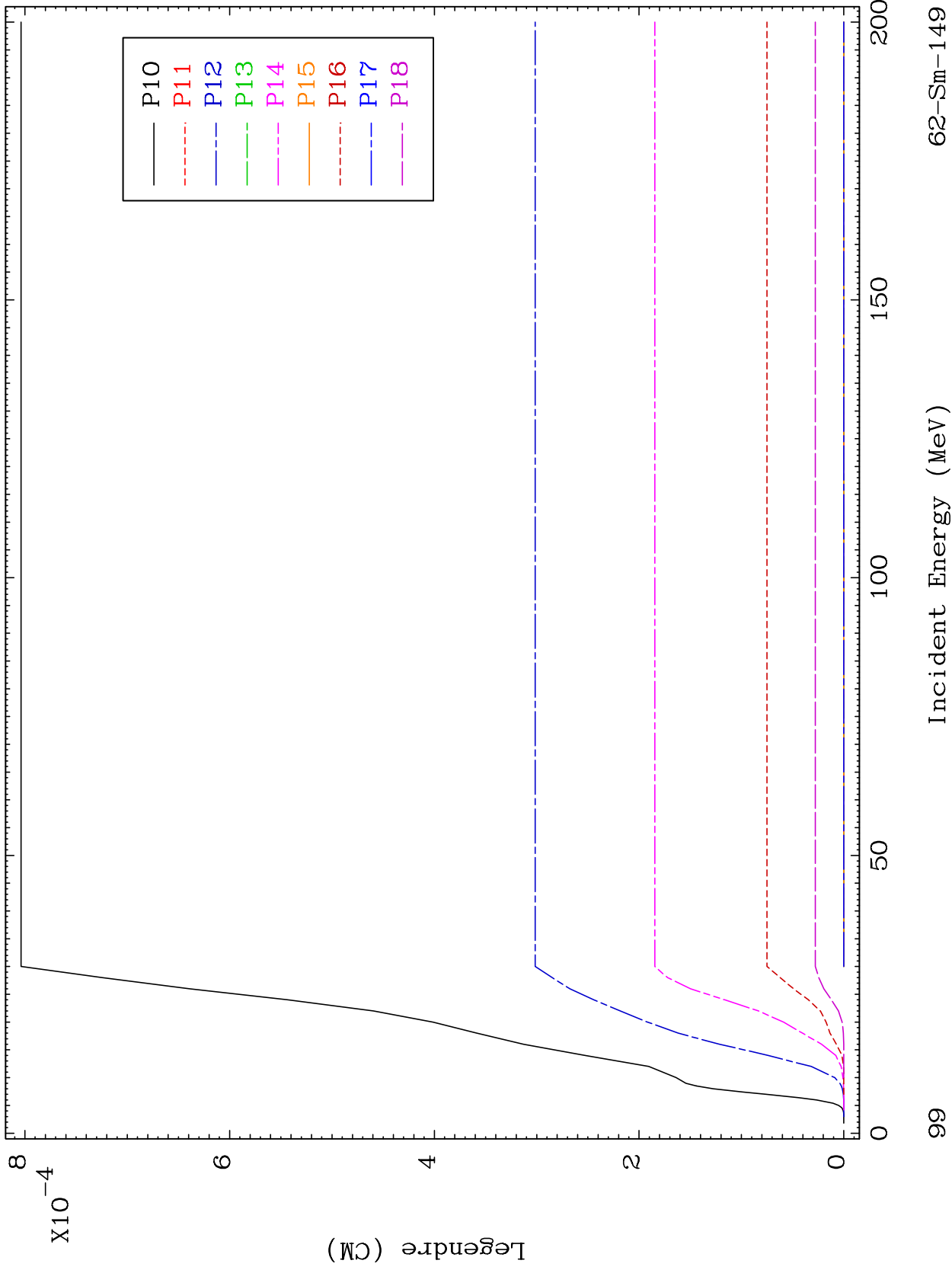




MAT 6240

952.8 keV (n,n') Level
Legendre Coefficients

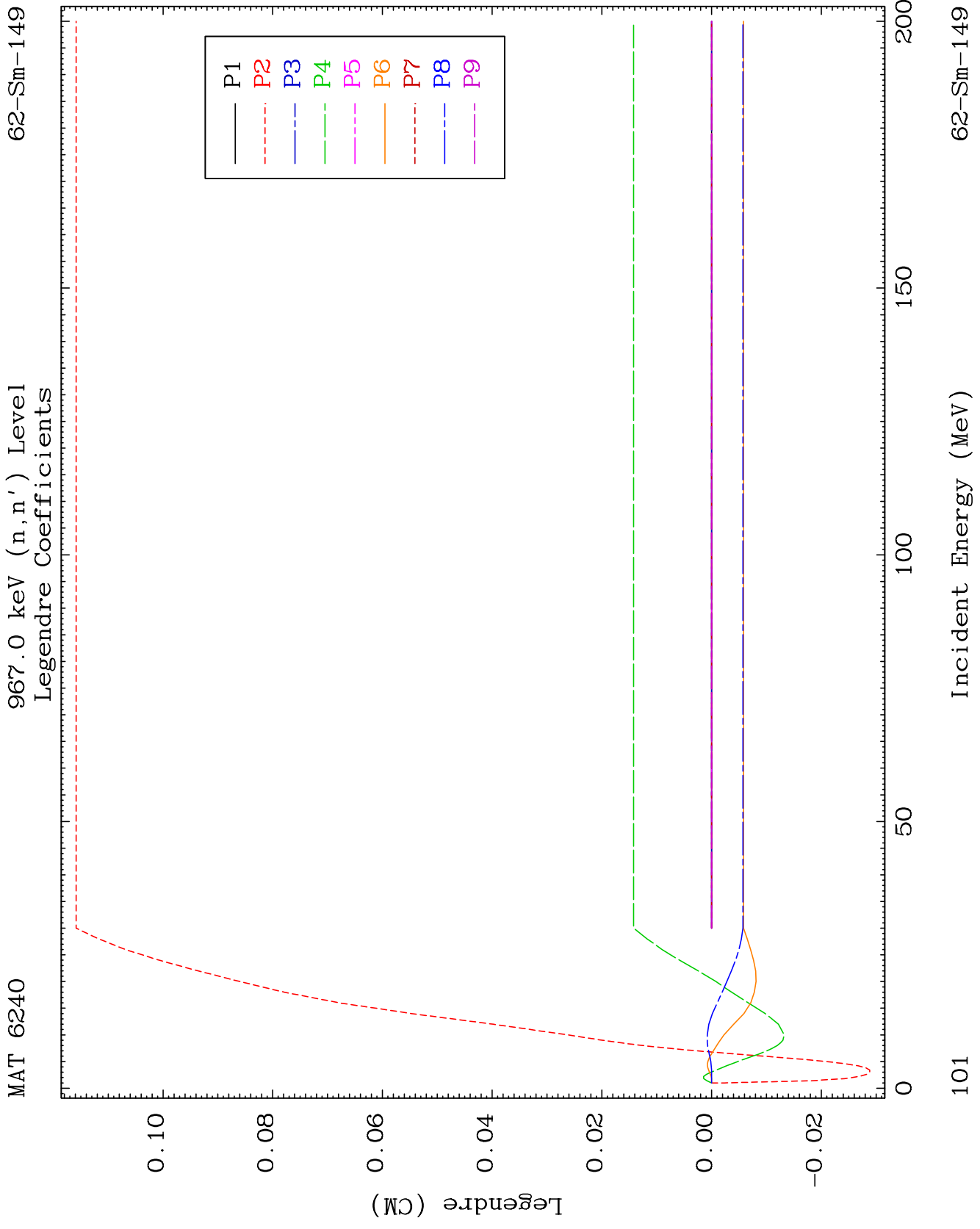
62-Sm-149



99

Incident Energy (MeV)

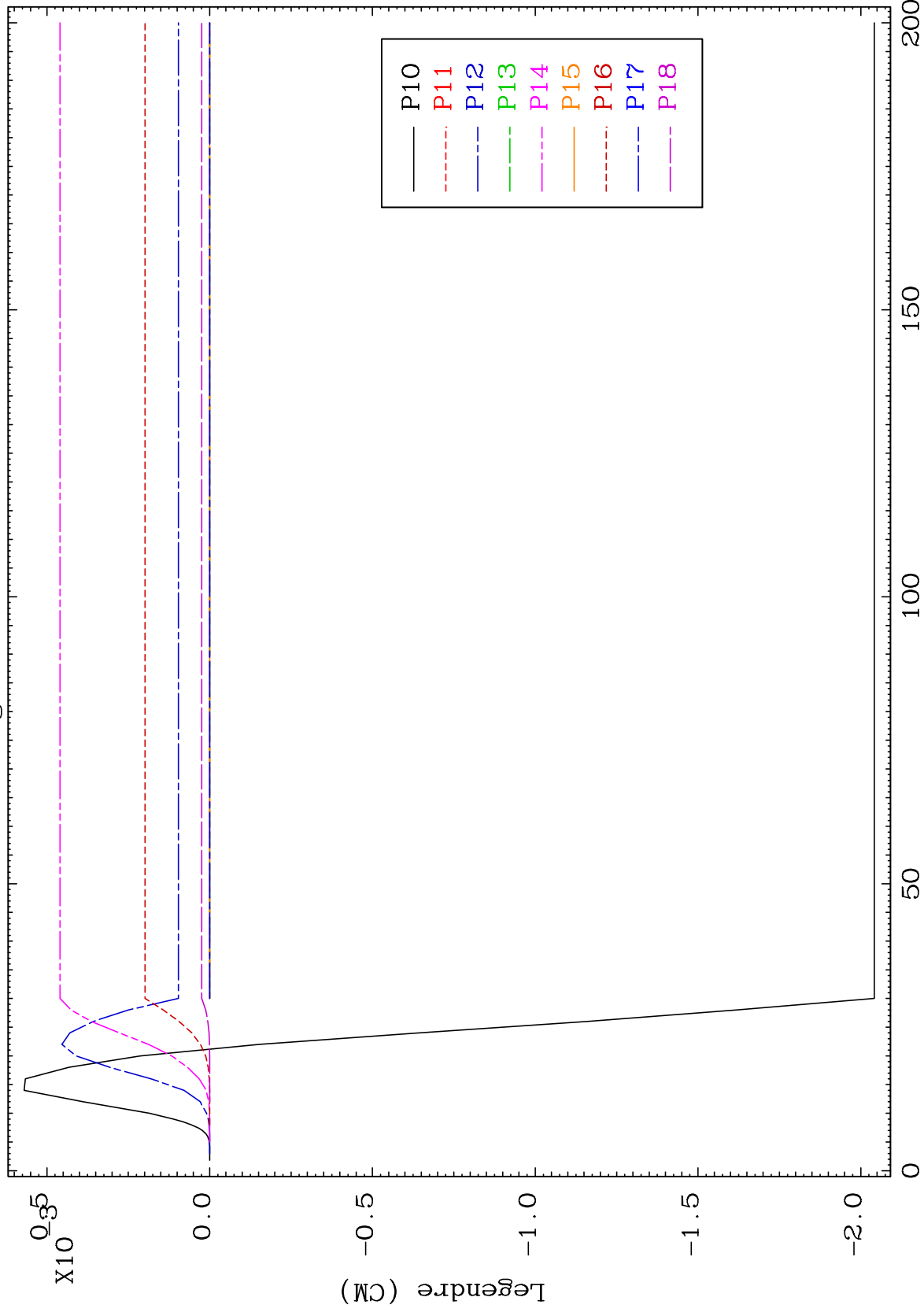
62-Sm-149



MAT 6240

967.0 keV (n,n') Level
Legendre Coefficients

62-Sm-149



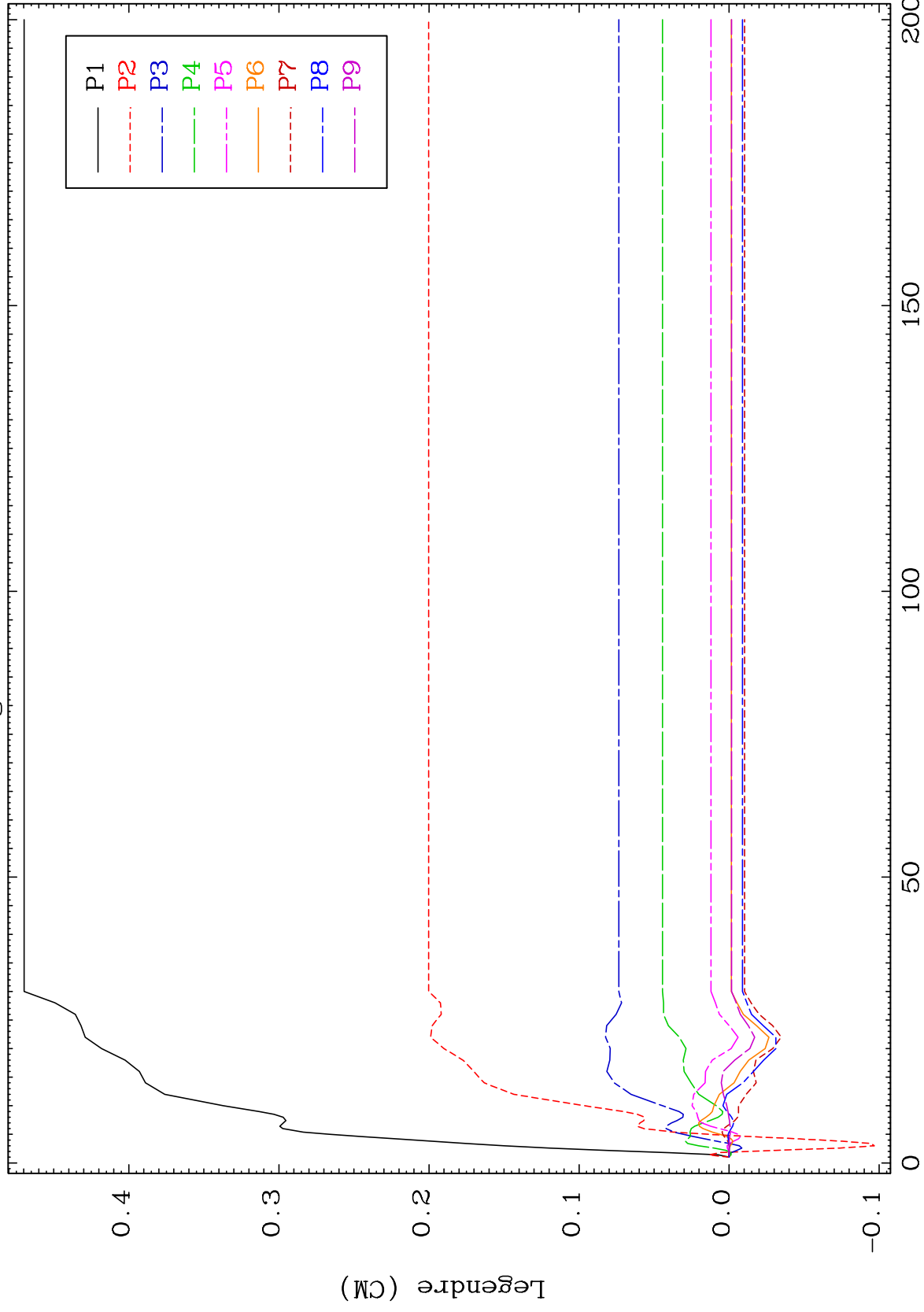
102

62-Sm-149

MAT 6240

994.6 keV (n,n') Level
Legendre Coefficients

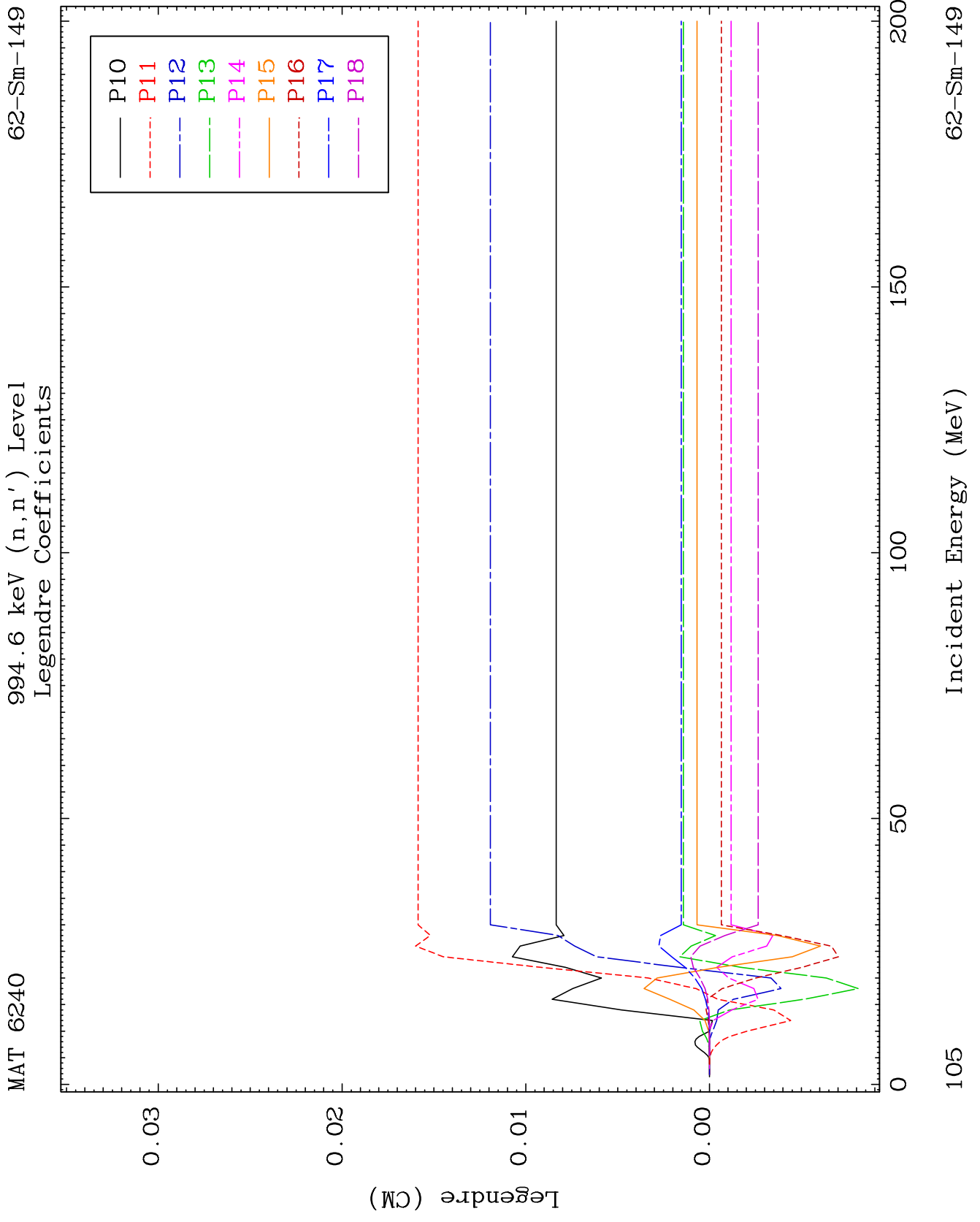
62-Sm-149



104

Incident Energy (MeV)

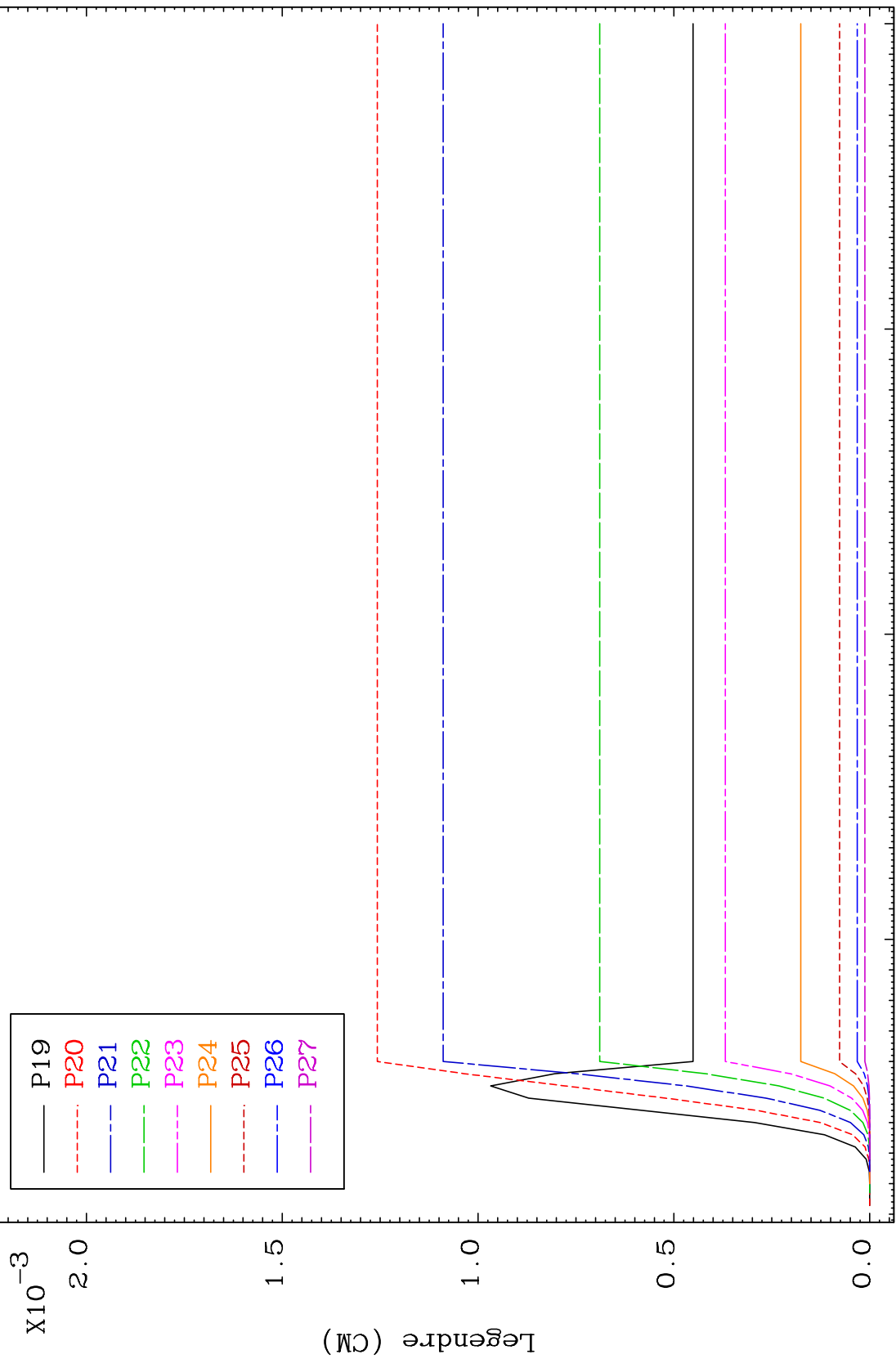
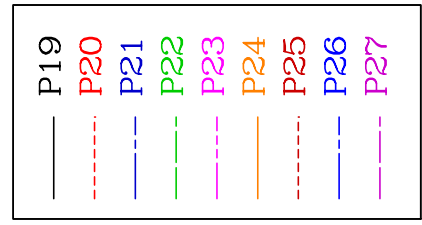
62-Sm-149



MAT 6240

994.6 keV (n, n') Level
Legendre Coefficients

62-Sm-149



106

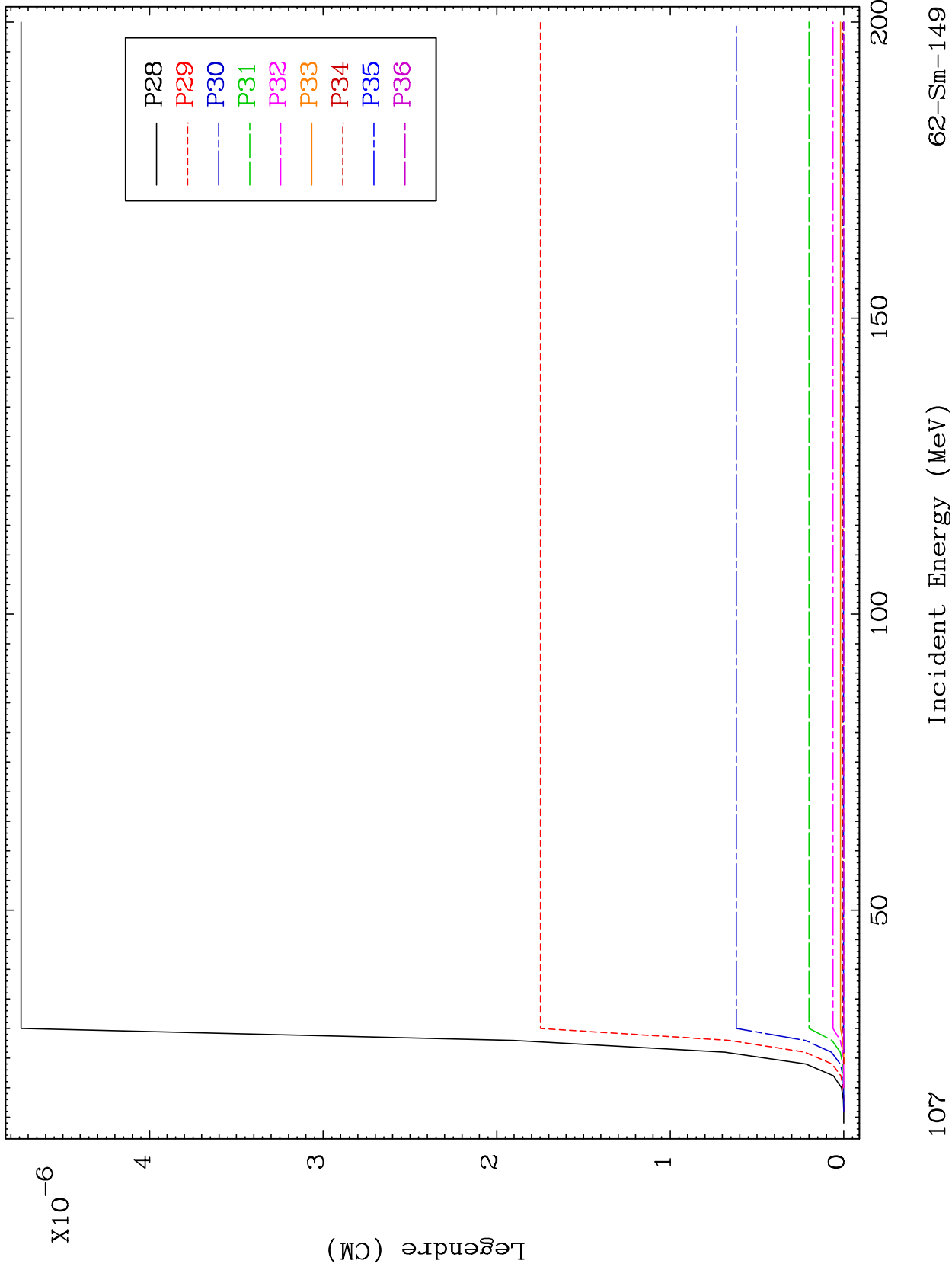
Incident Energy (MeV)

62-Sm-149

MAT 6240

994.6 keV (n,n') Level
Legendre Coefficients

62-Sm-149



107

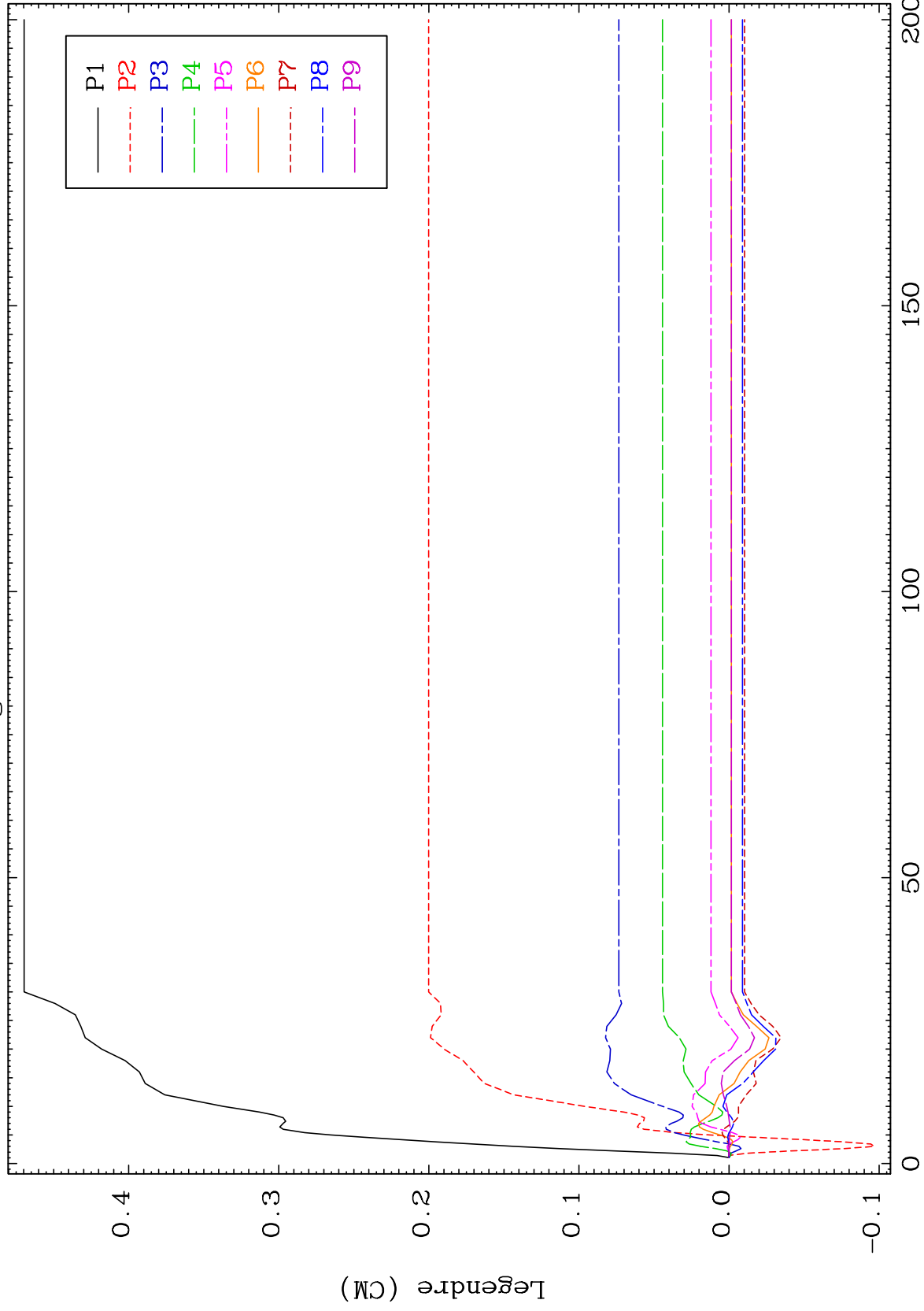
Incident Energy (MeV)

62-Sm-149

MAT 6240

1.012 MeV (n,n') Level
Legendre Coefficients

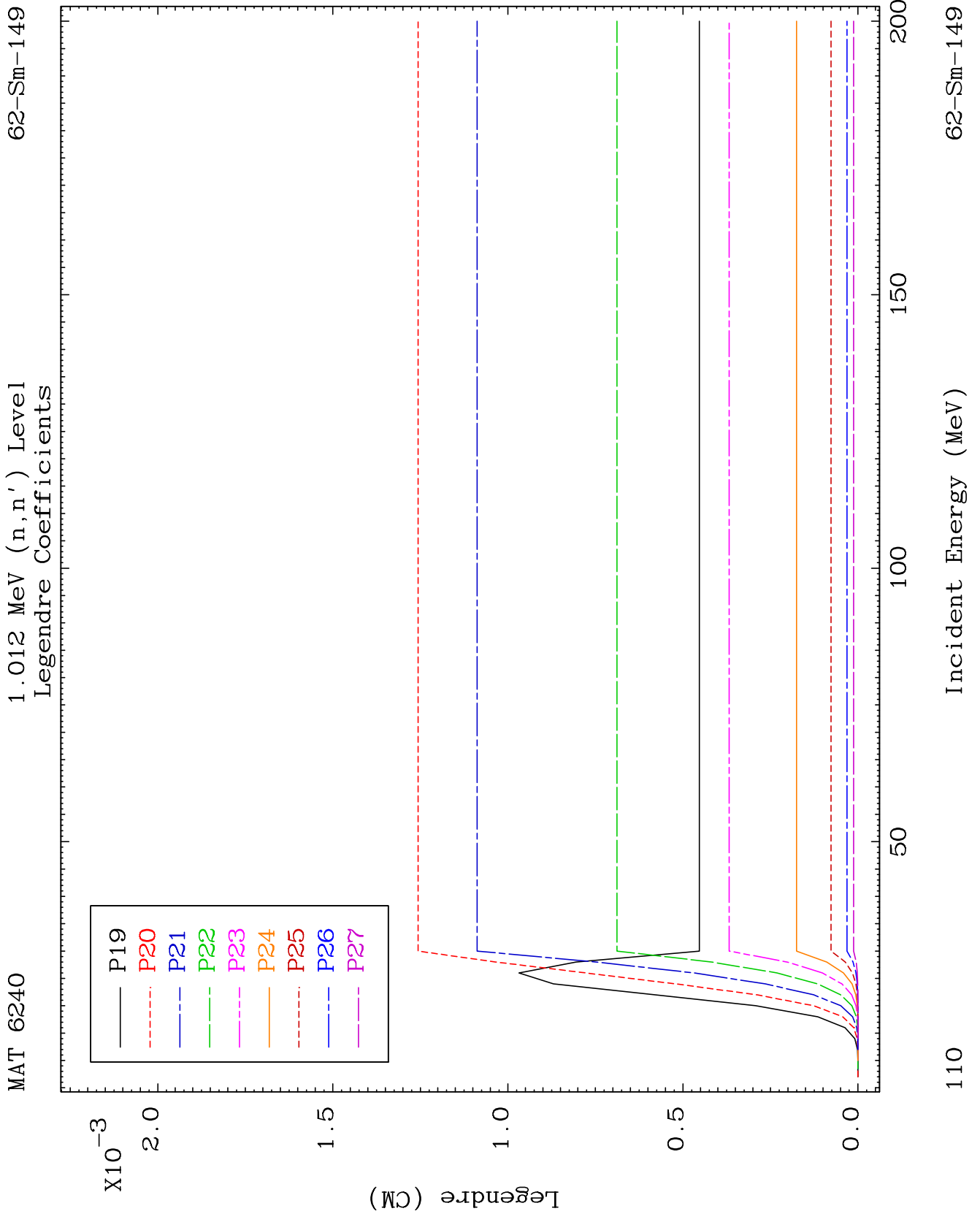
62-Sm-149



62-Sm-149

Incident Energy (MeV)

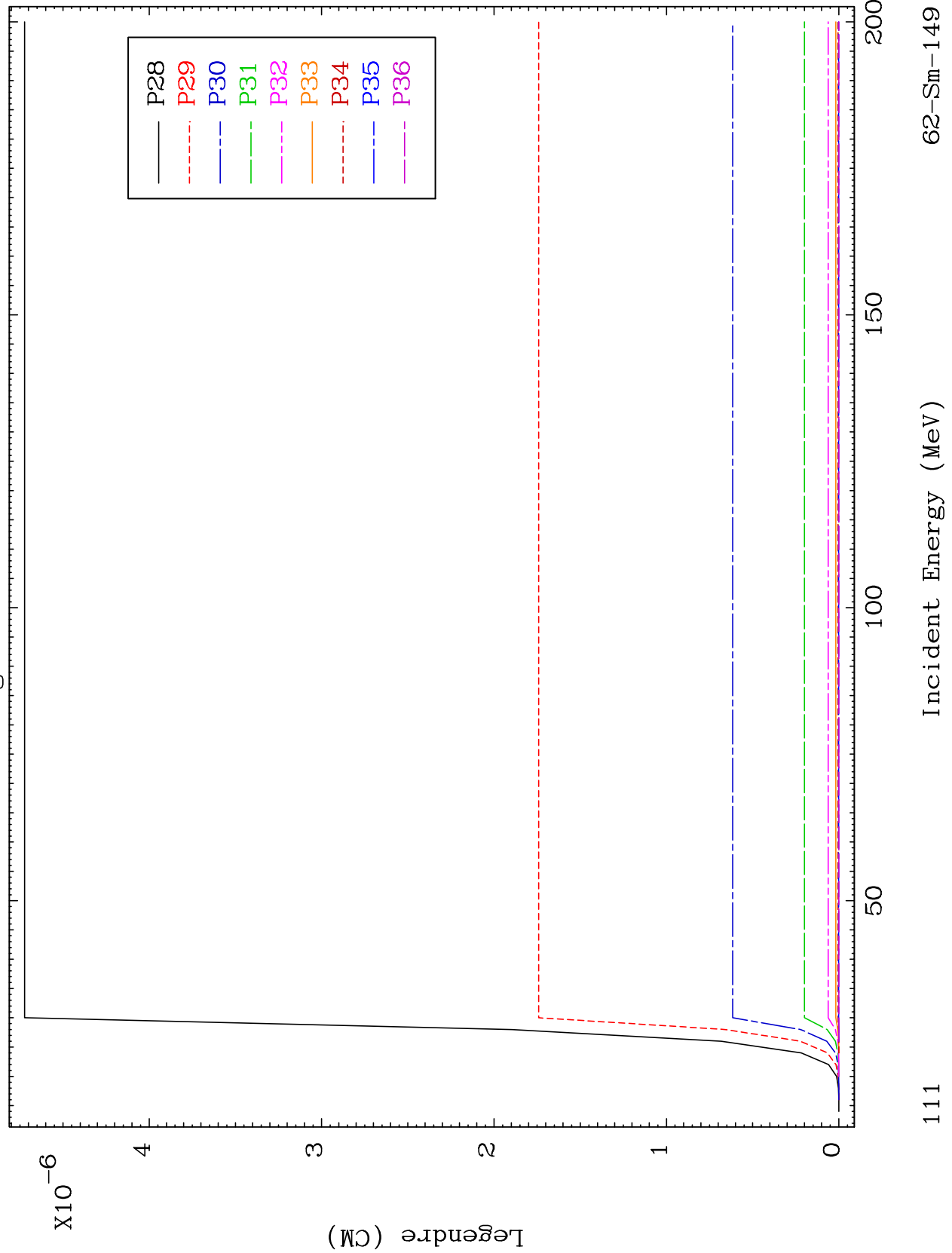
108



MAT 6240

1.012 MeV (n,n') Level
Legendre Coefficients

62-Sm-149



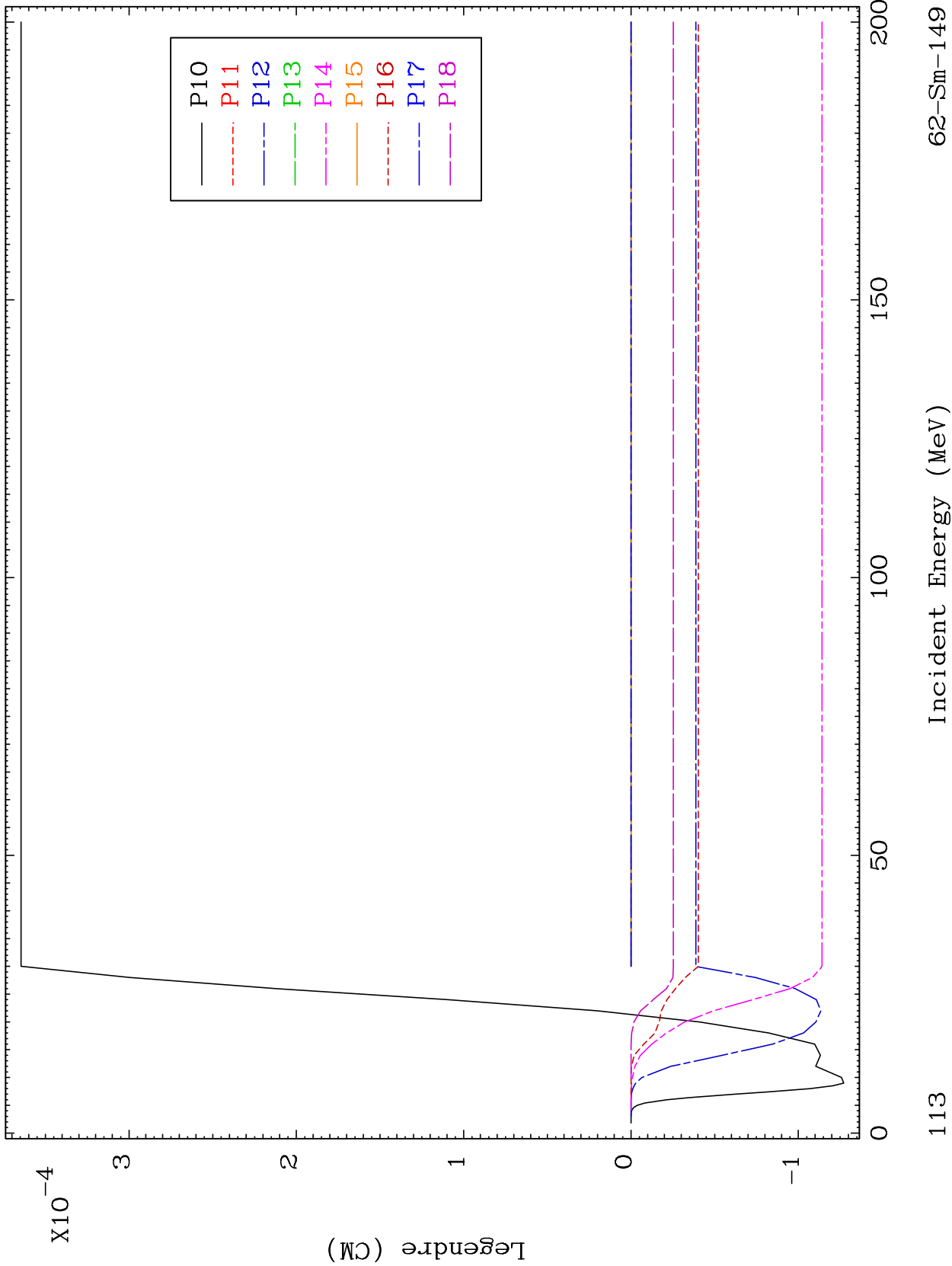
111

62-Sm-149

MAT 6240

1.039 MeV (n,n') Level
Legendre Coefficients

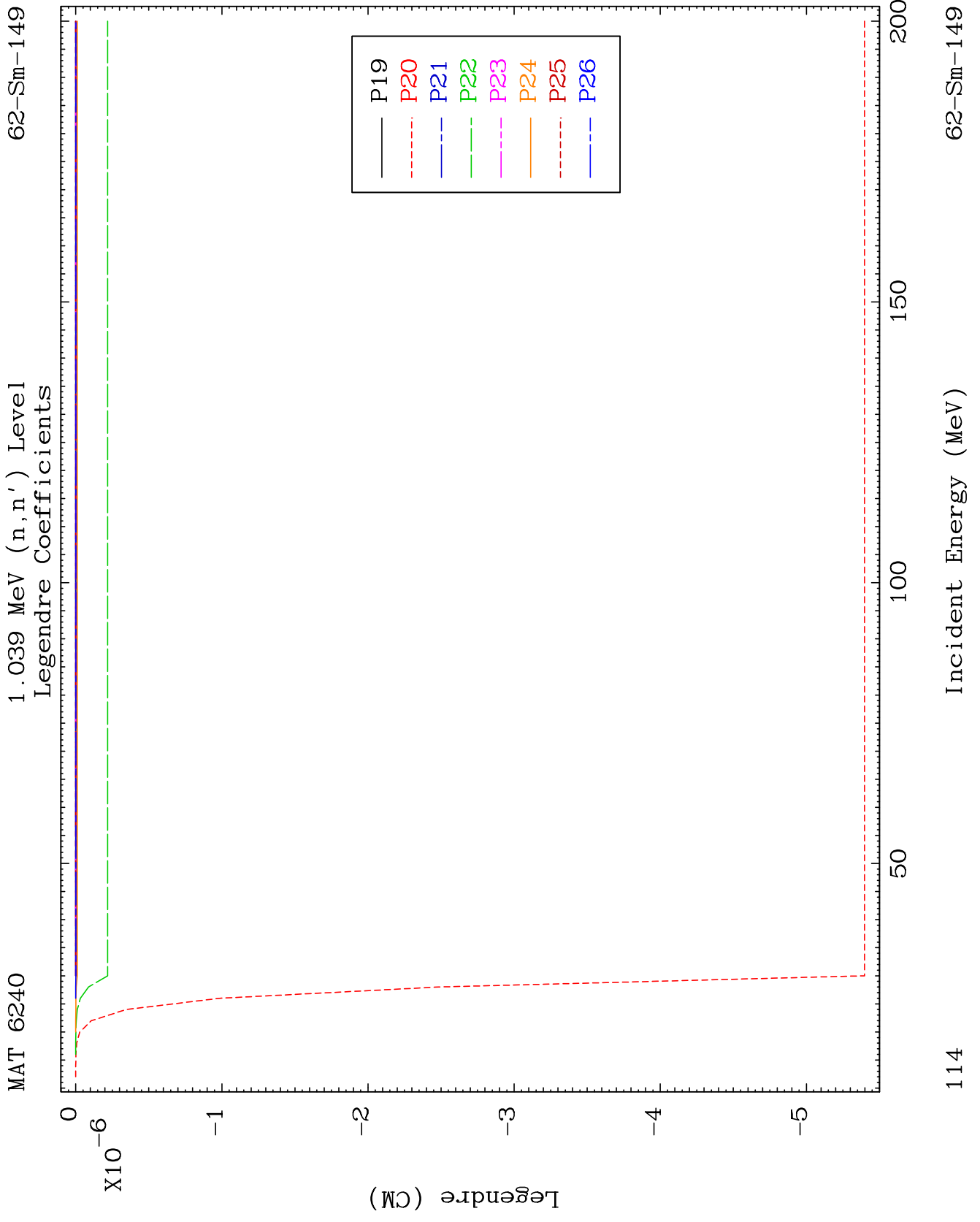
62-Sm-149

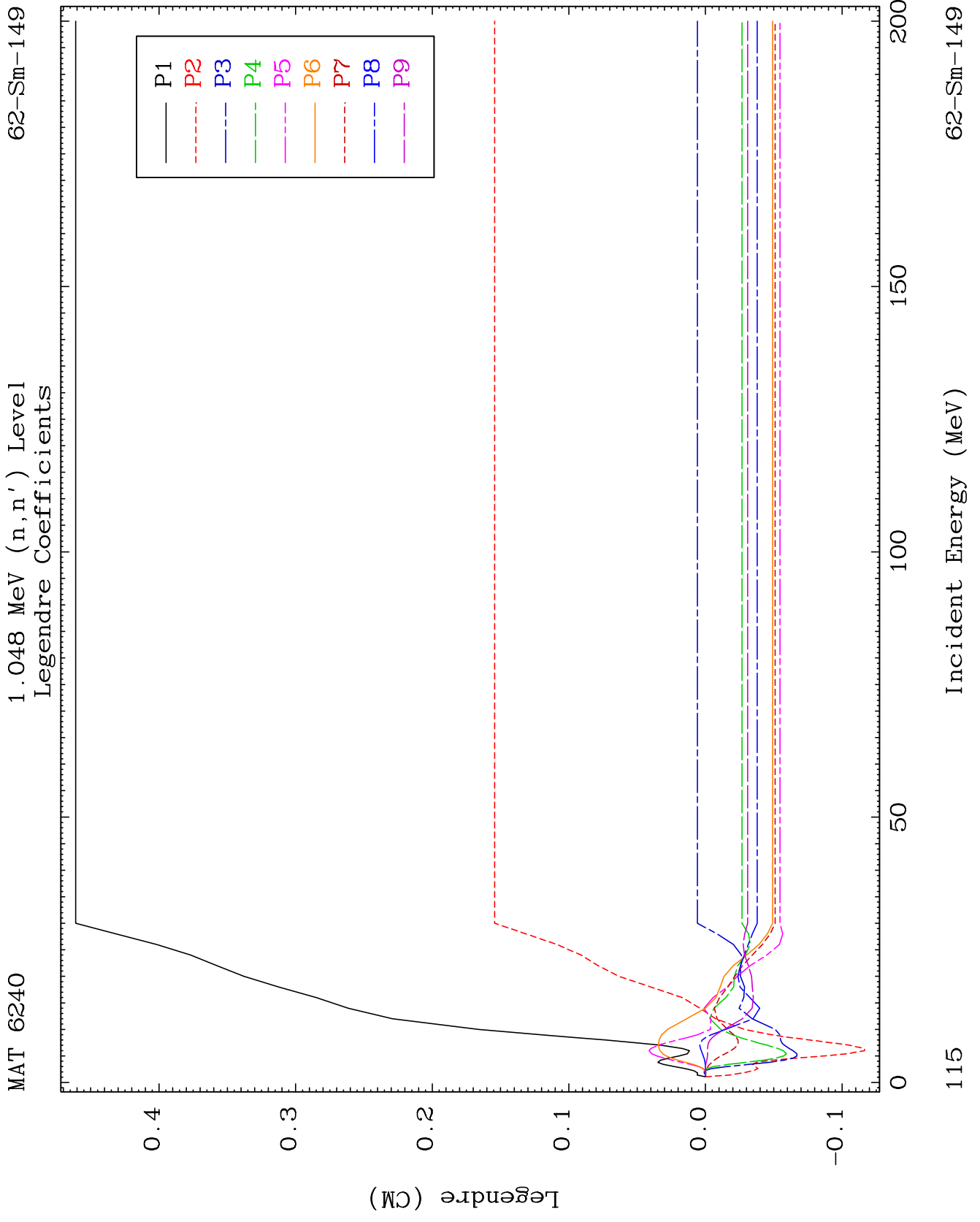


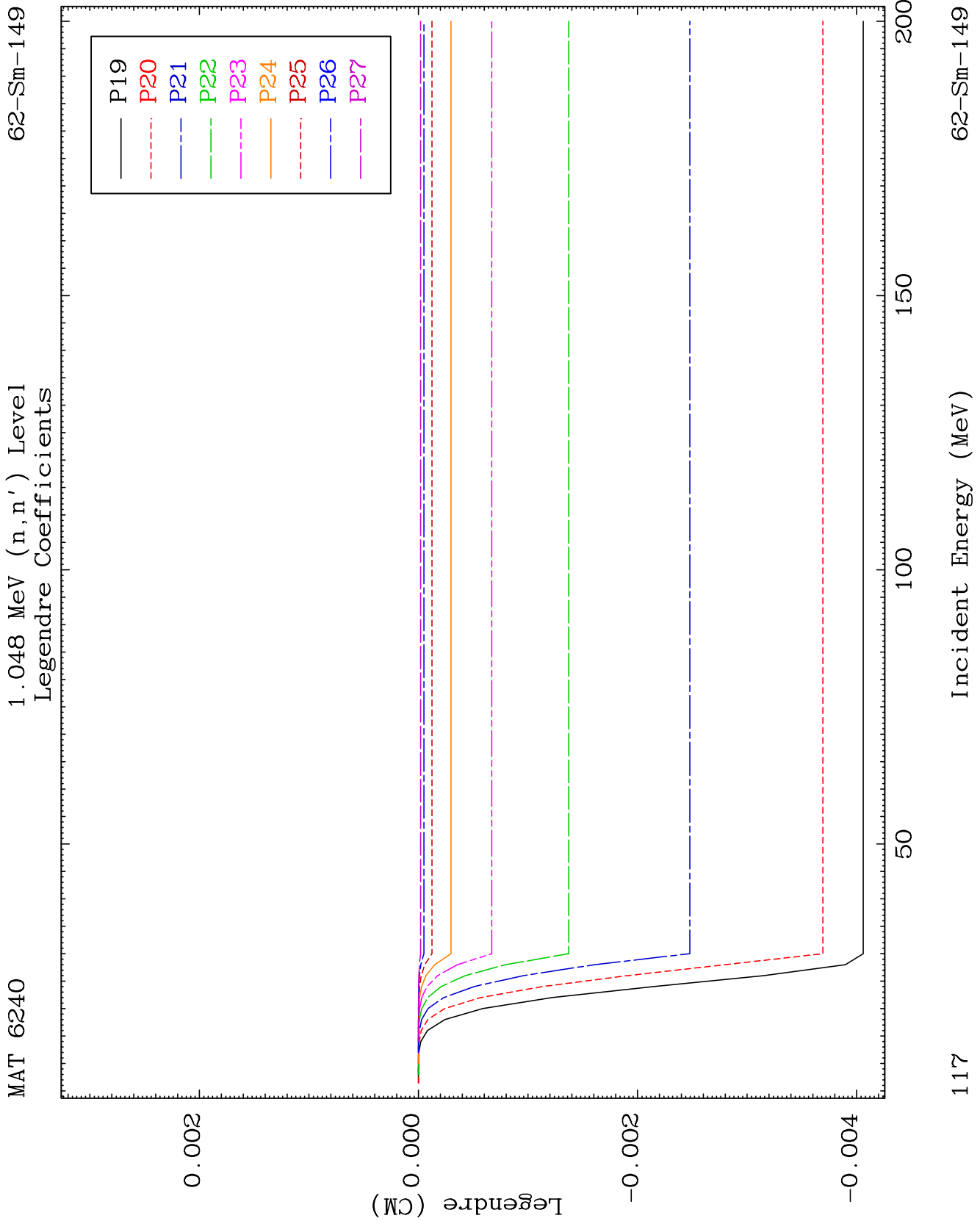
113

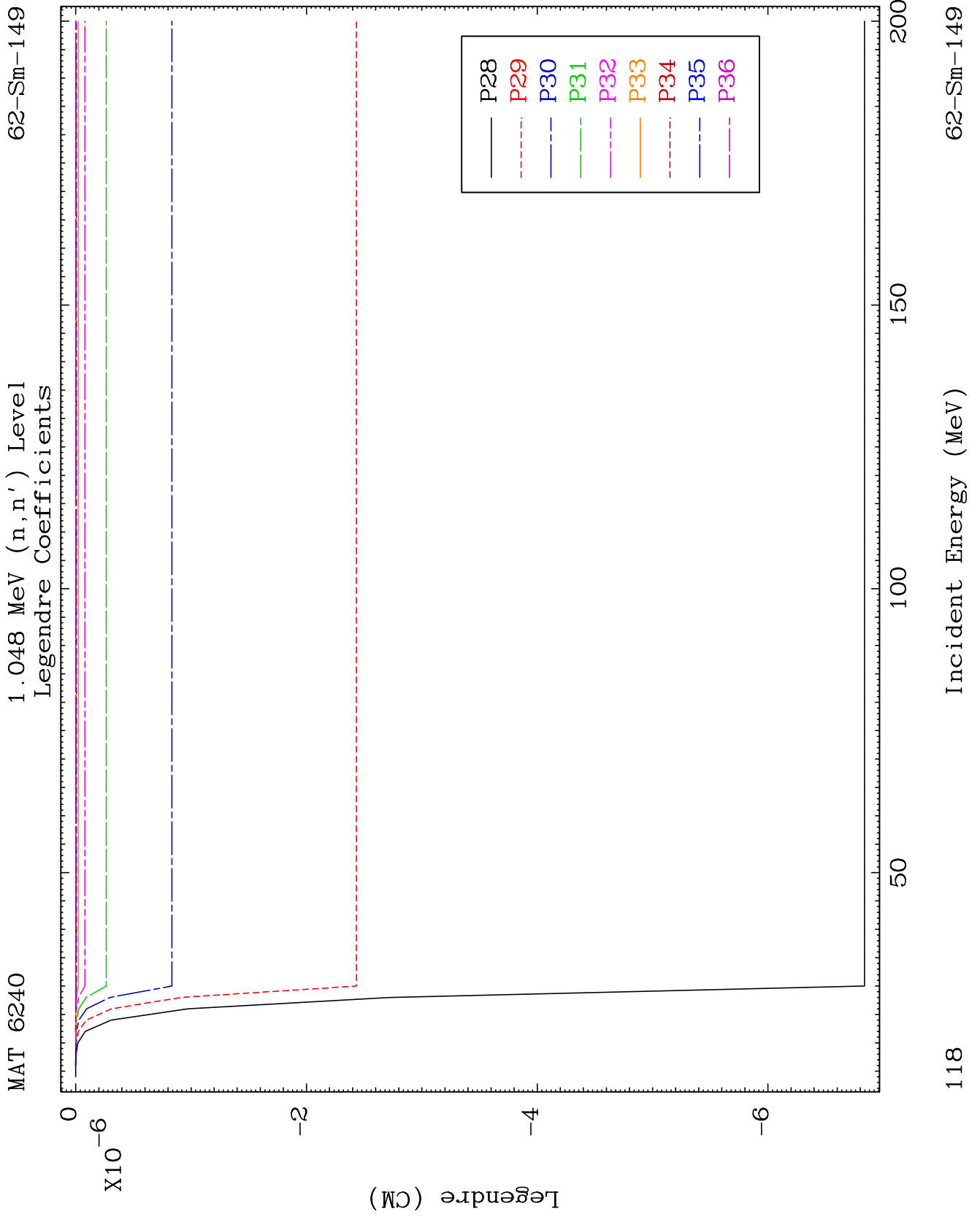
Incident Energy (MeV)

62-Sm-149





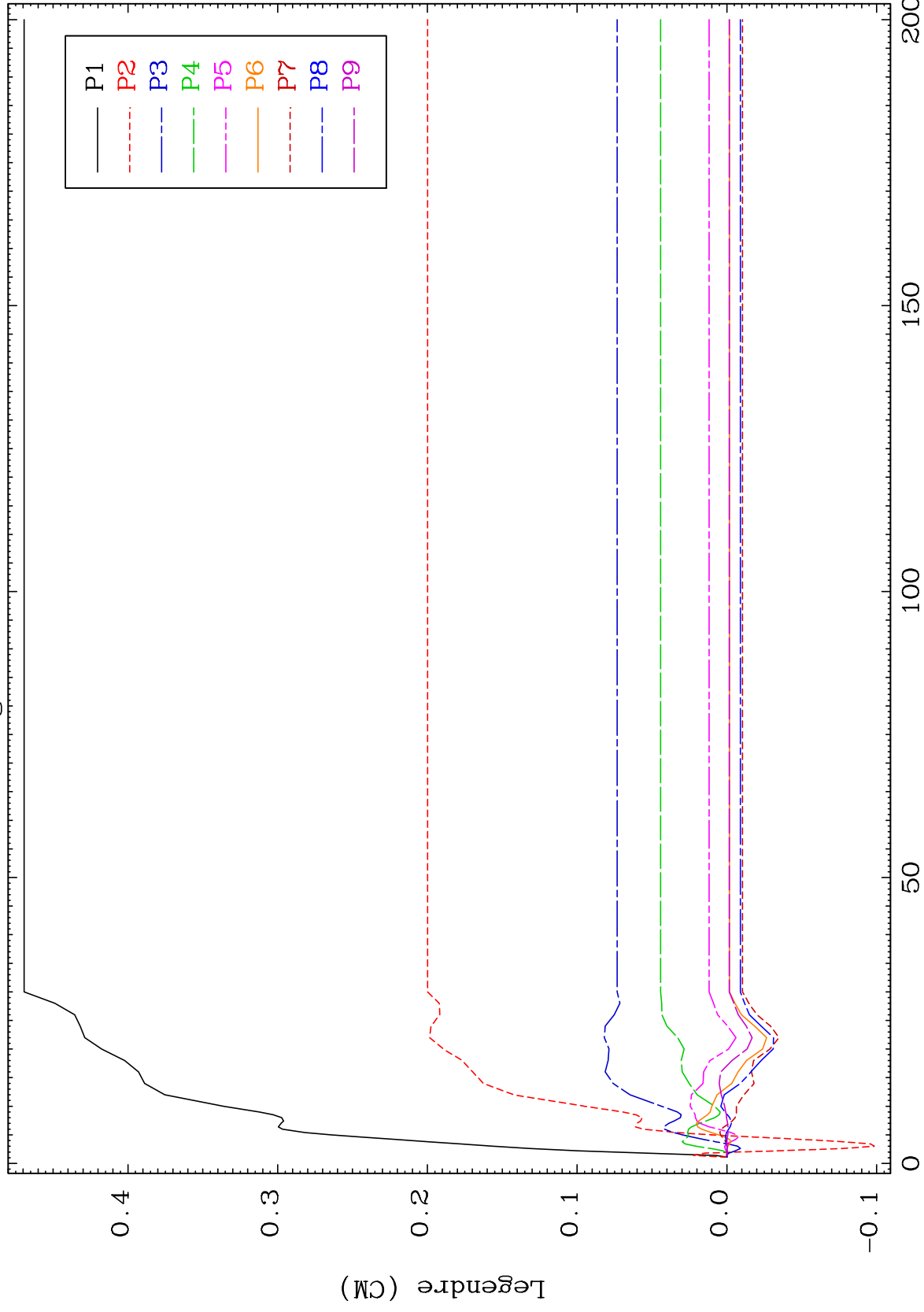




MAT 6240

1.083 MeV (n,n') Level
Legendre Coefficients

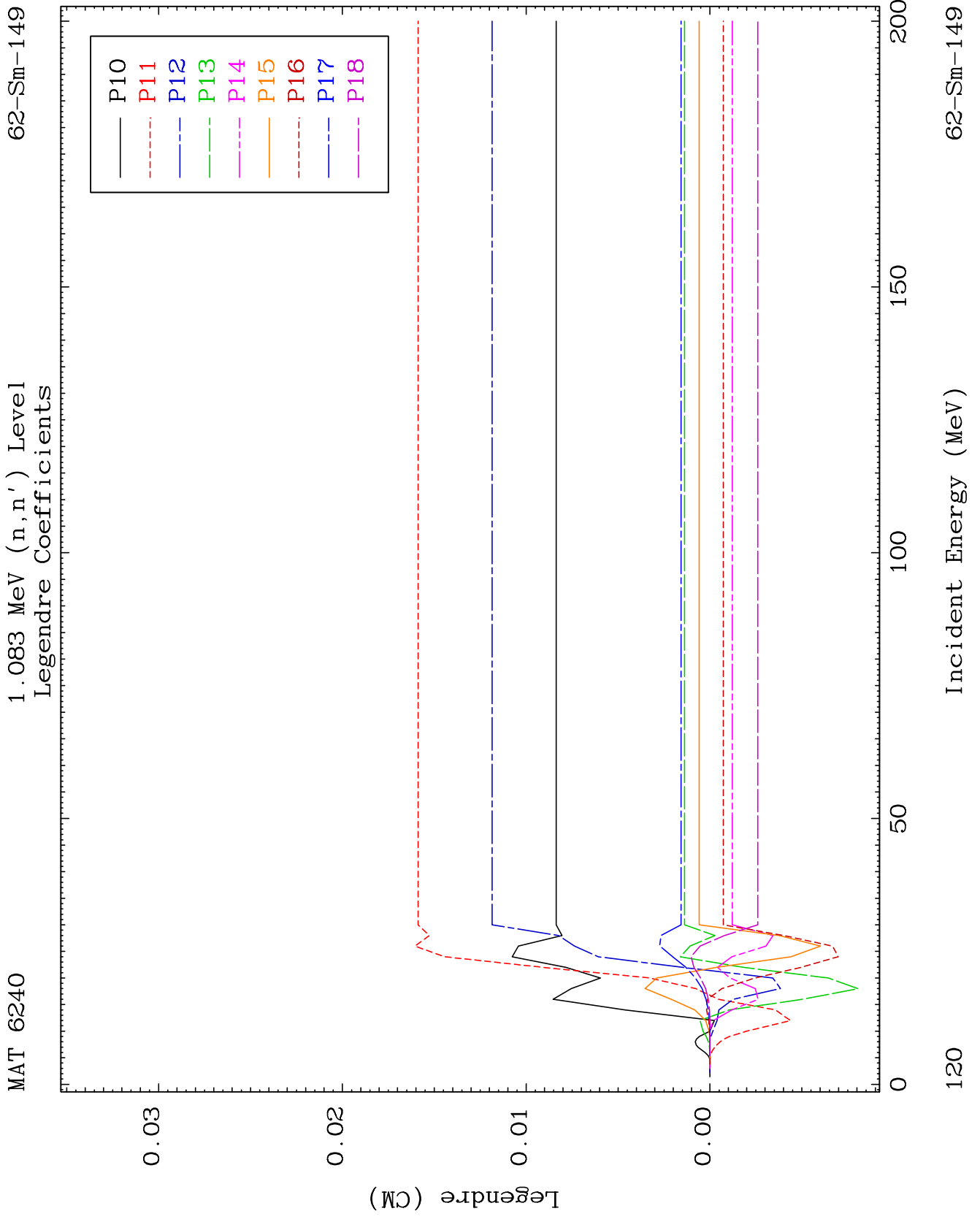
62-Sm-149



119

Incident Energy (MeV)

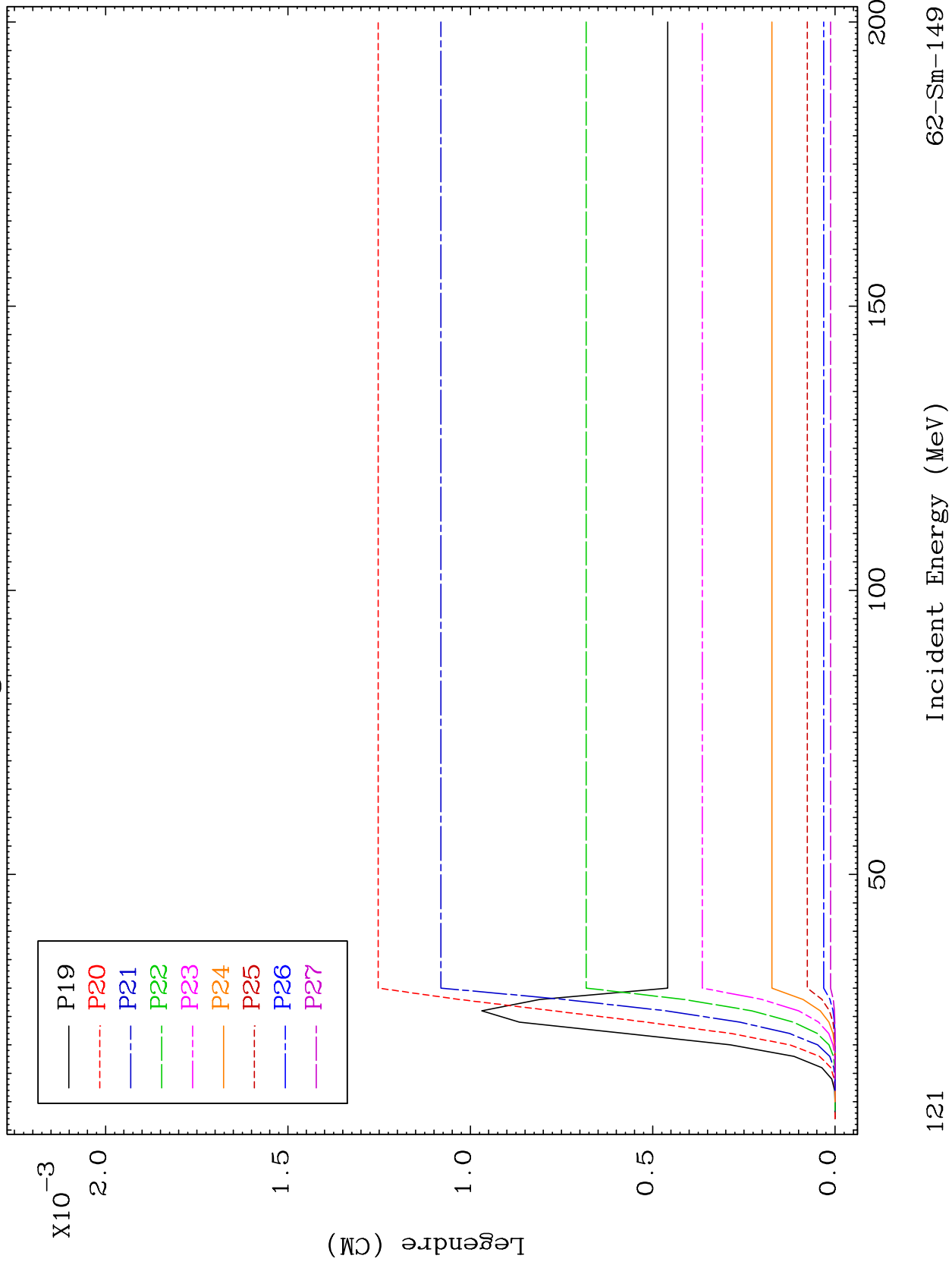
62-Sm-149



MAT 6240

1.083 MeV (n,n') Level
Legendre Coefficients

62-Sm-149



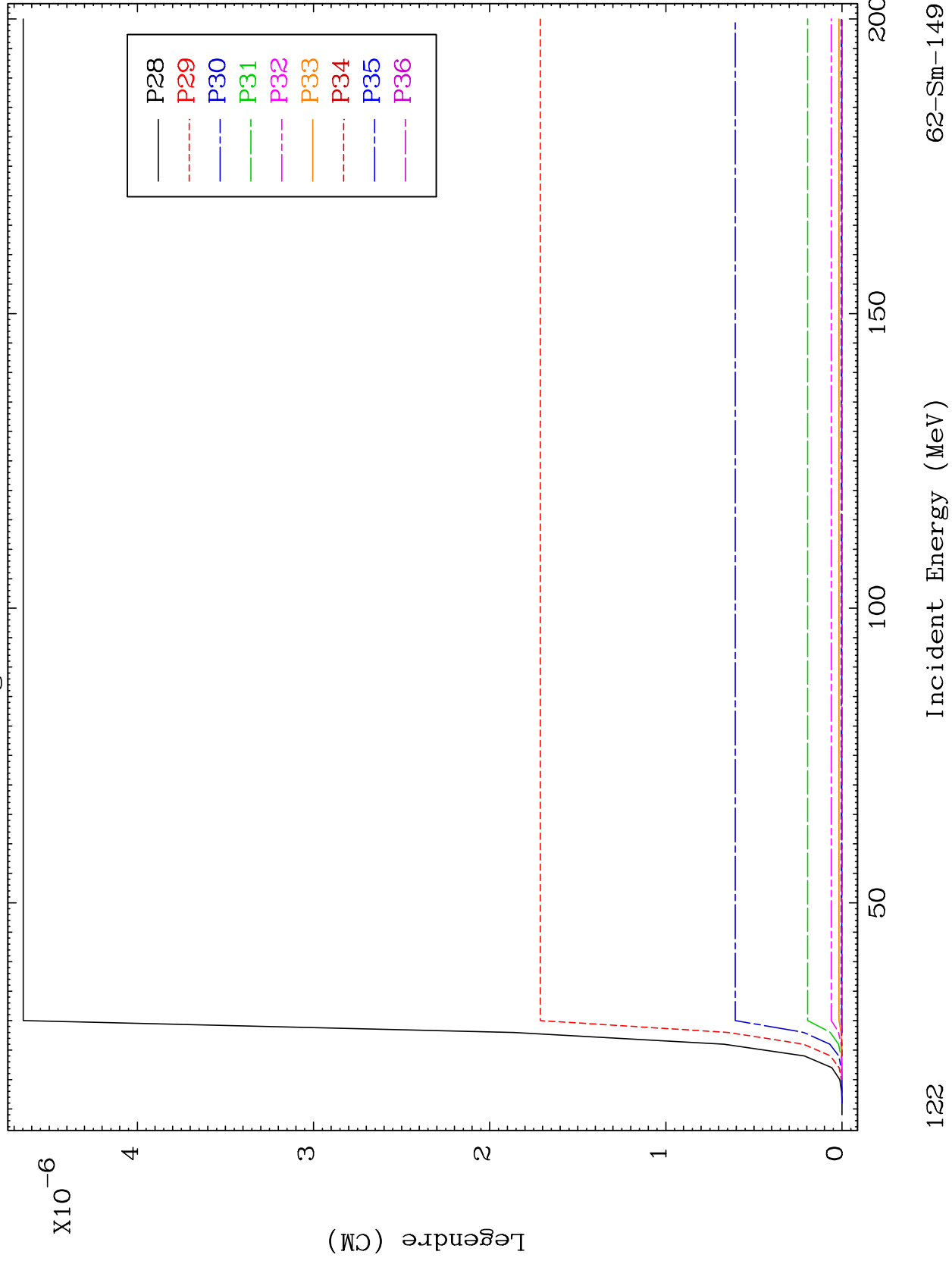
121

62-Sm-149

MAT 6240

1.083 MeV (n,n') Level
Legendre Coefficients

62-Sm-149



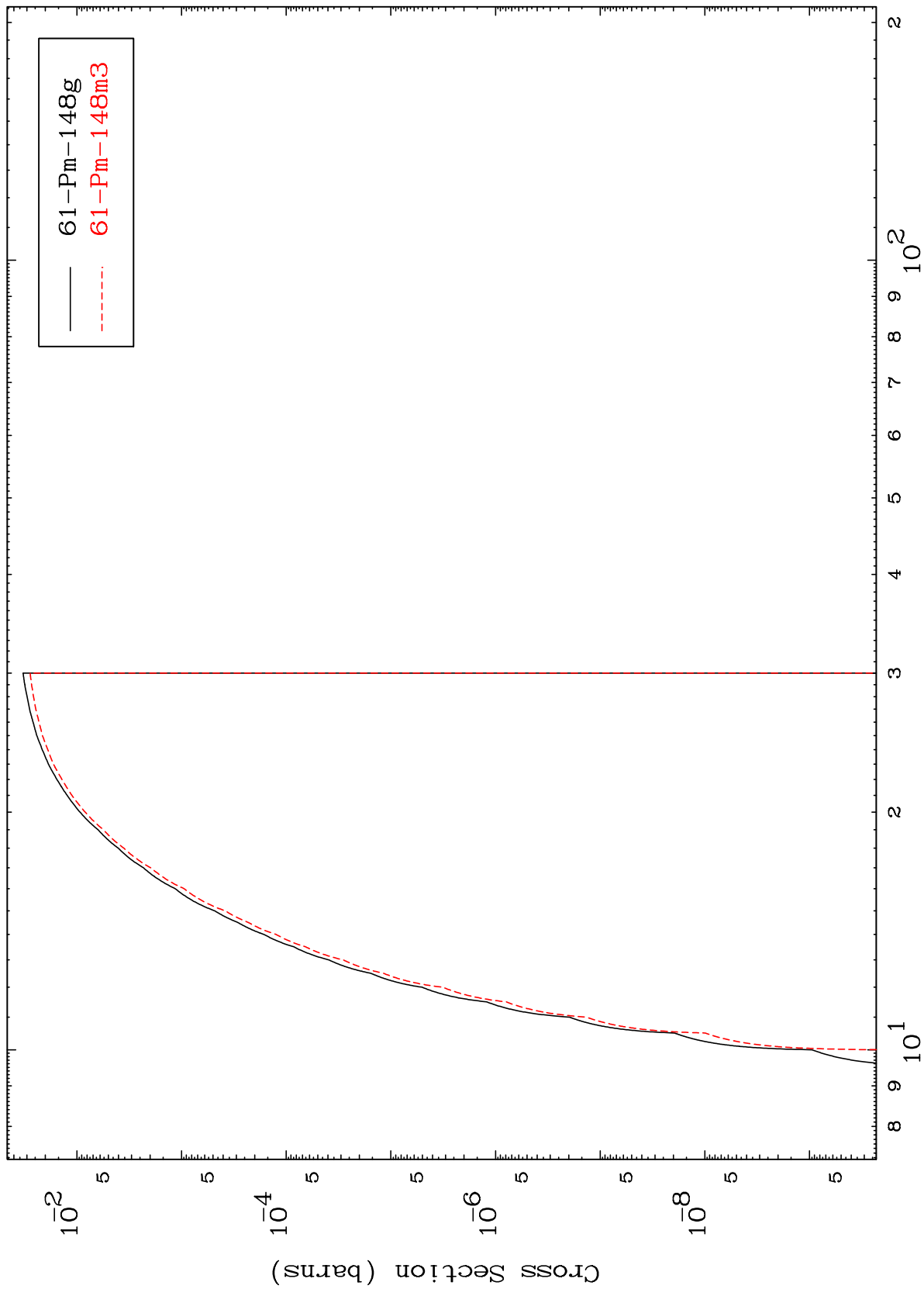
122

MAT 6240

(n,n') p

62-Sm-149

Radionuclide Production Cross Section



123

Incident Energy (MeV)

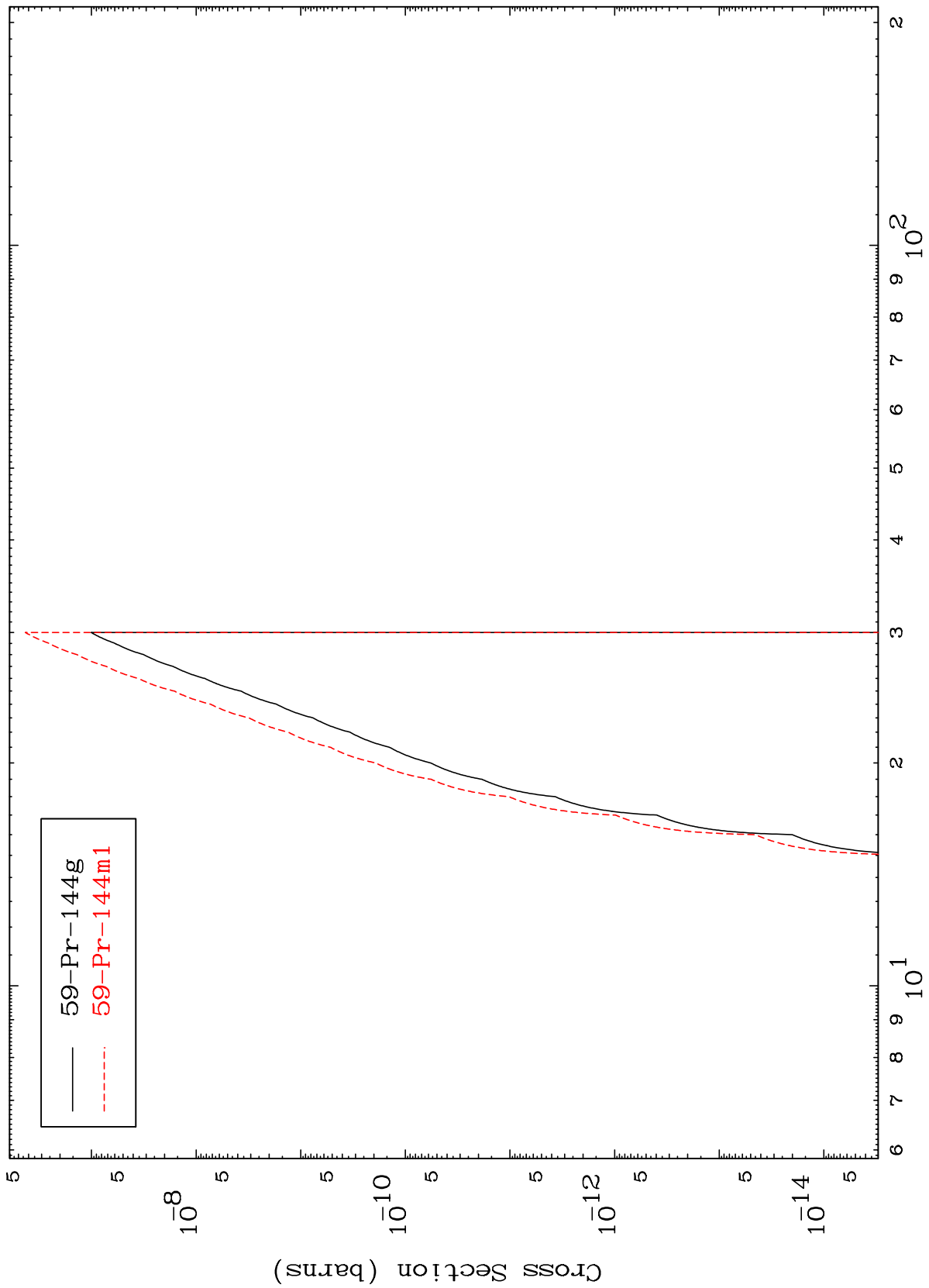
62-Sm-149

MAT 6240

(n,n') p α

62-Sm-149

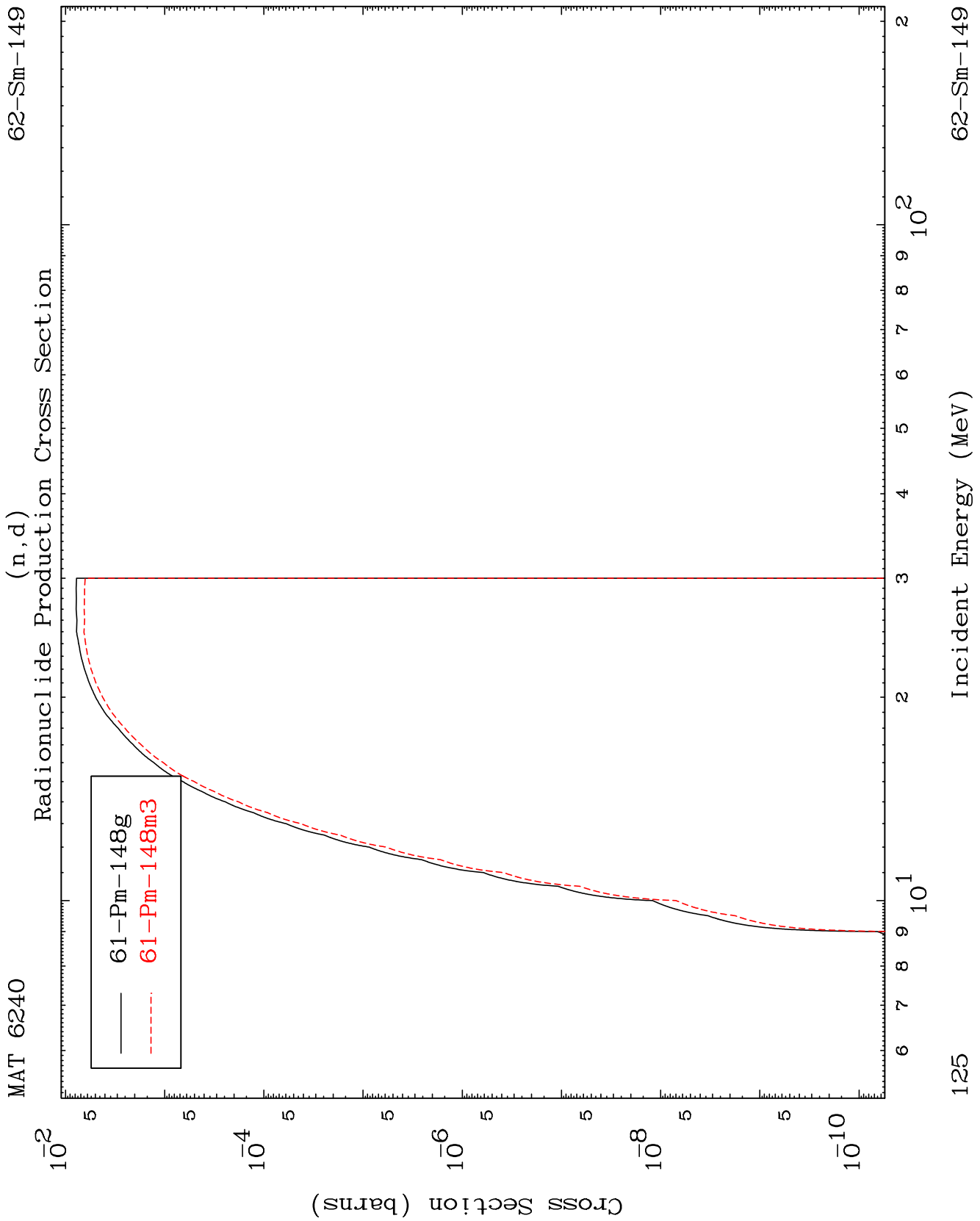
Radionuclide Production Cross Section



124

Incident Energy (MeV)

62-Sm-149

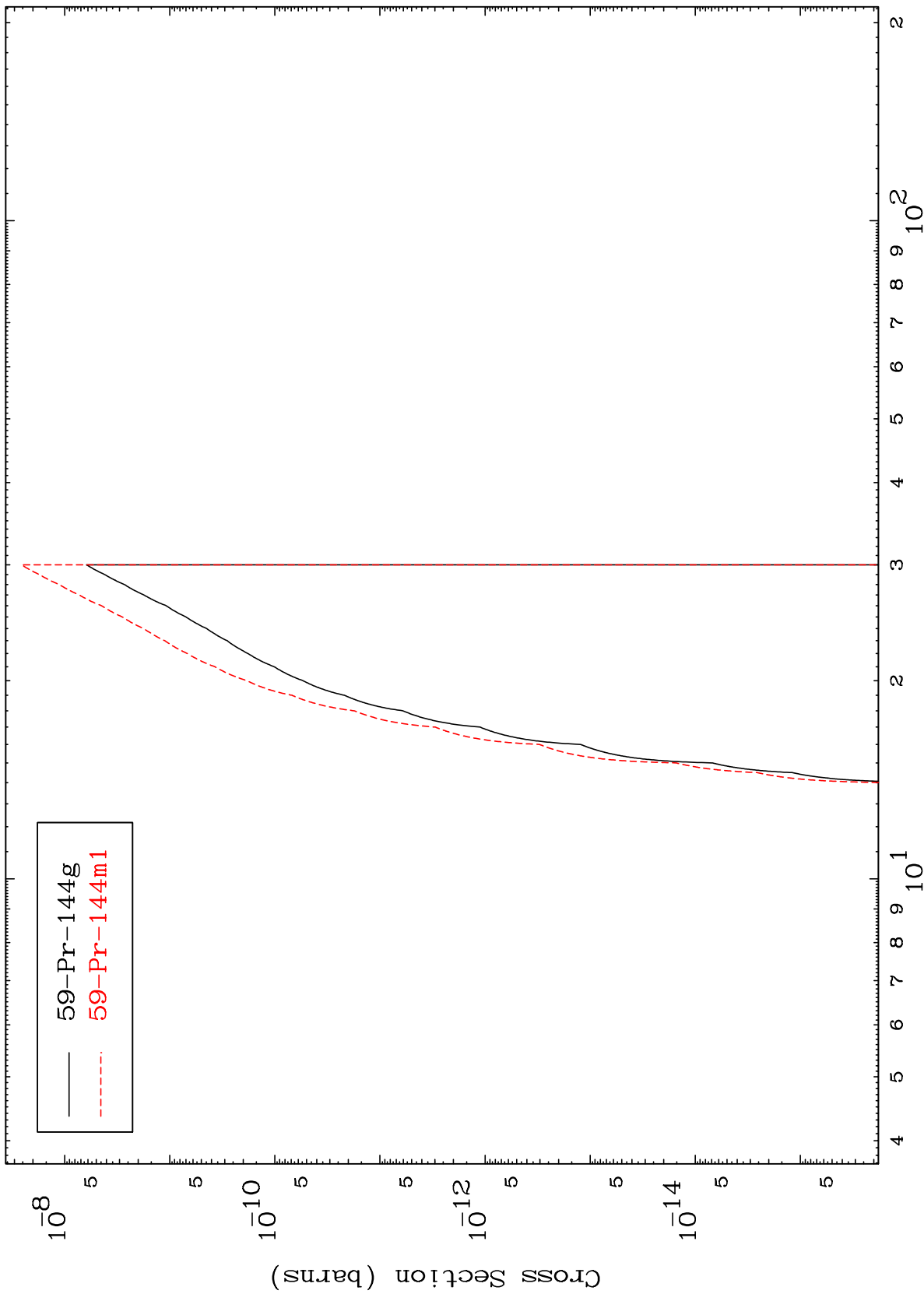


MAT 6240

(n,d) α

62-Sm-149

Radionuclide Production Cross Section



126

Incident Energy (MeV)

62-Sm-149