

Program EVALPLOT
(Version 2015-2)

by

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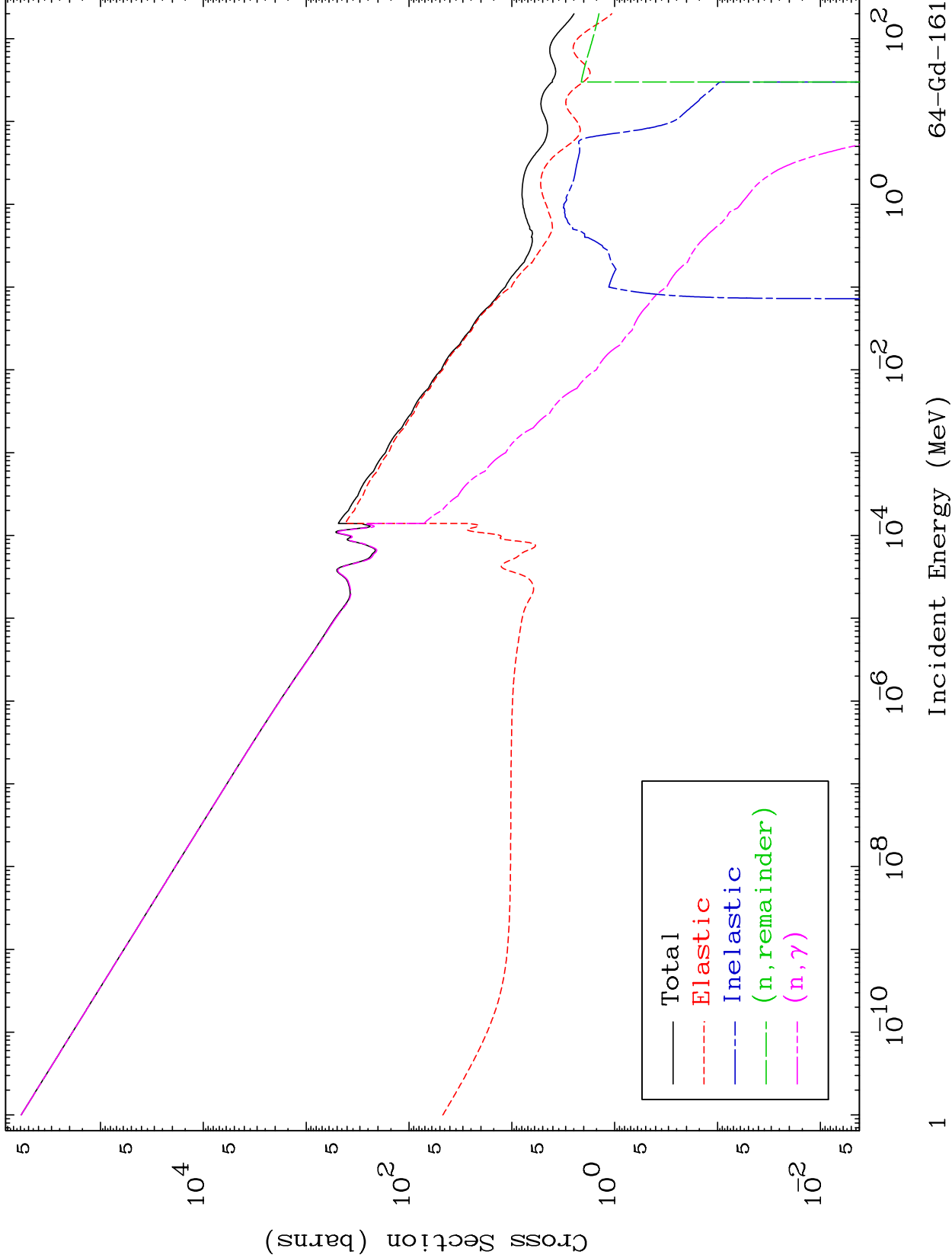
Press Mouse Button to Start

MAT 6452

Major

293 Kelvin Cross Sections

64-Gd-161

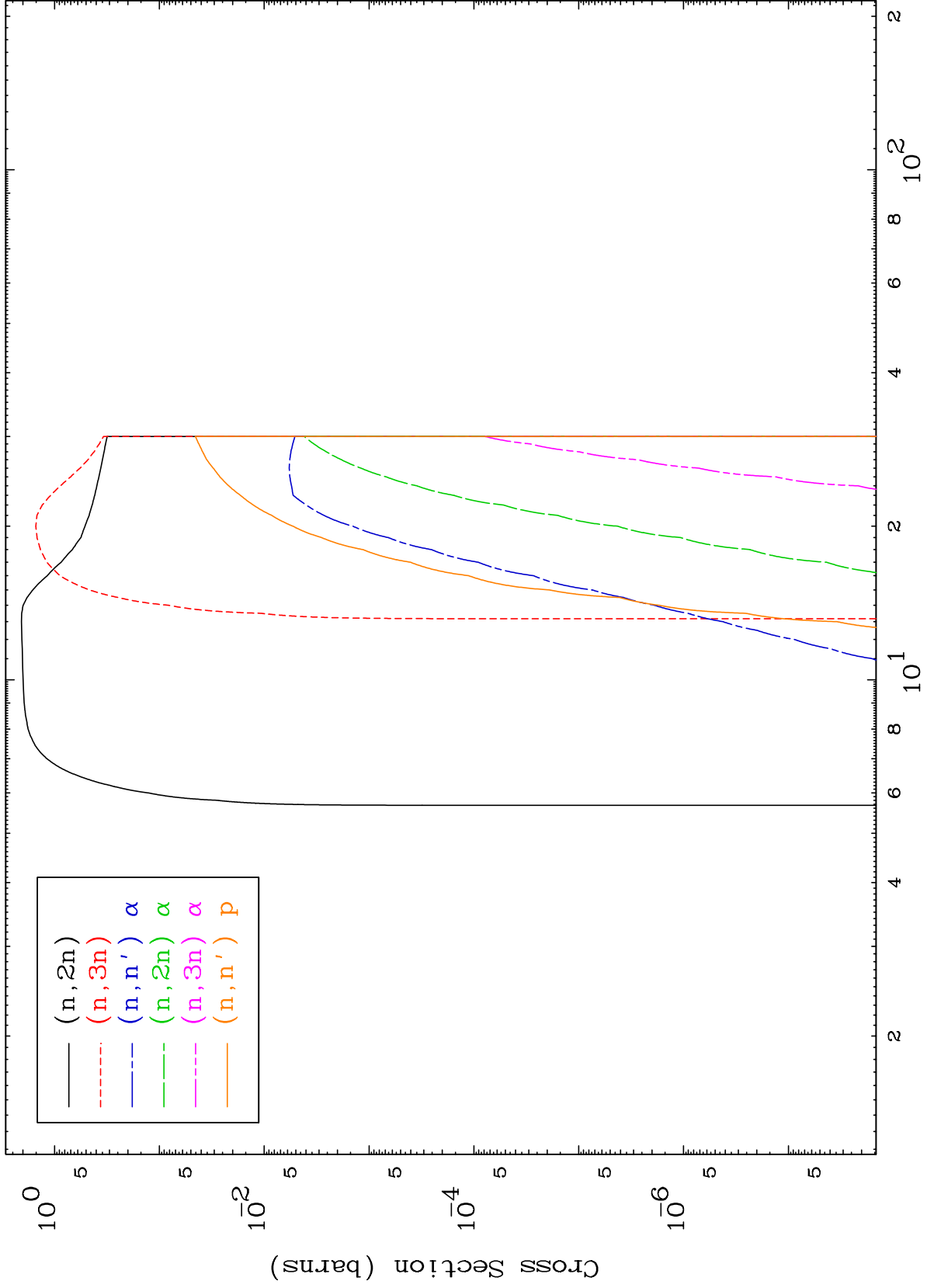


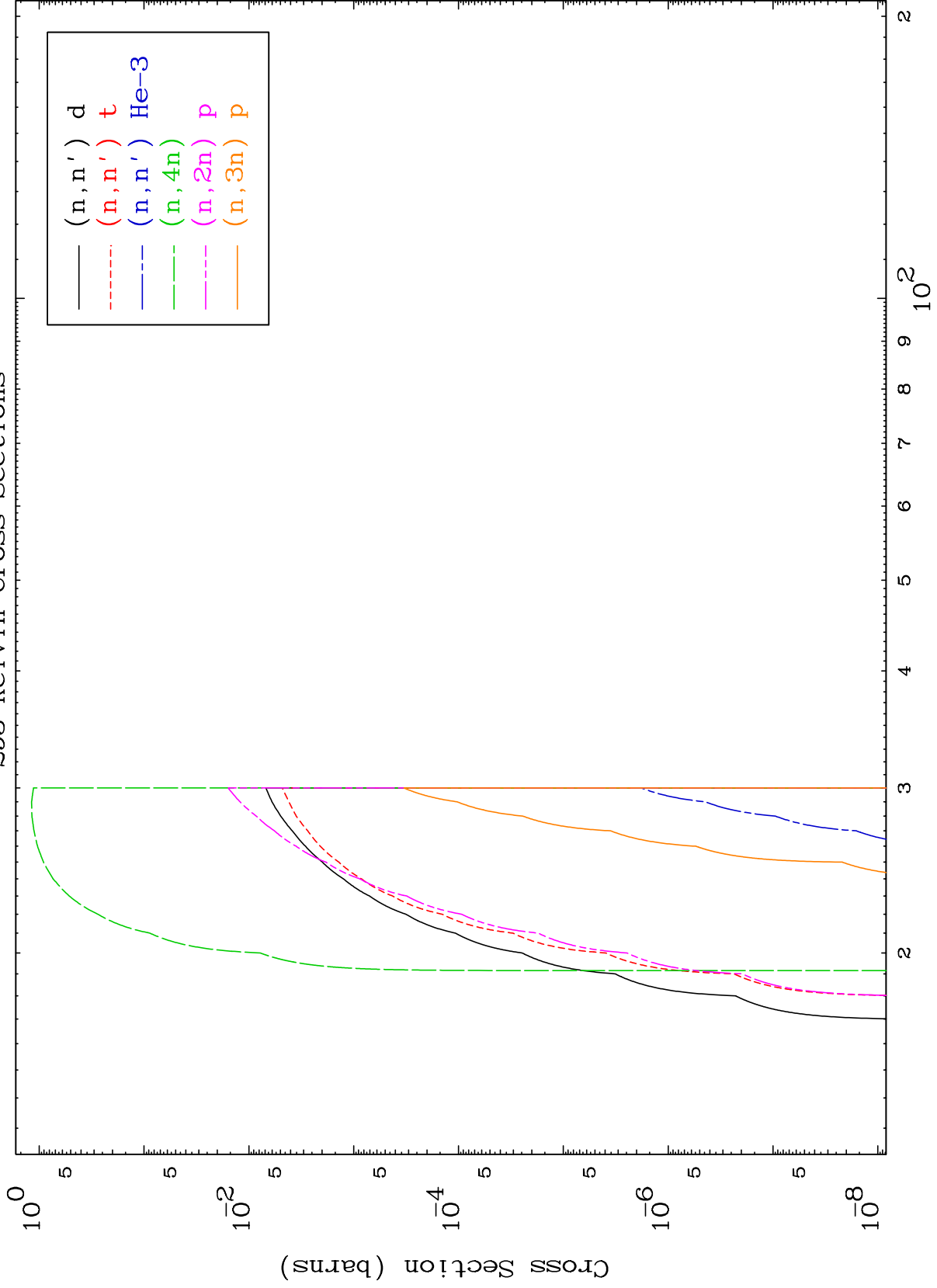
1

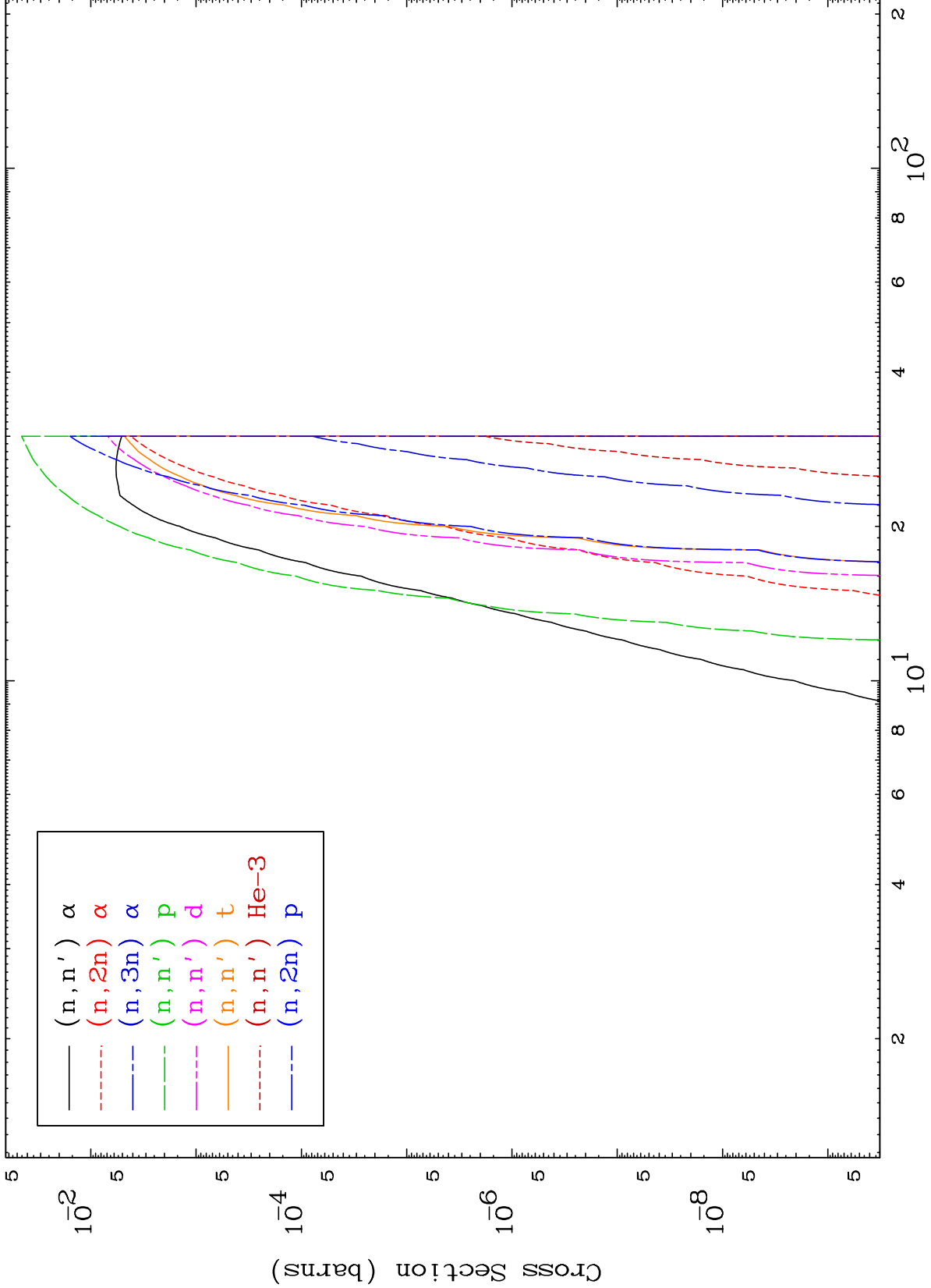
Incident Energy (MeV)

64-Gd-161

Neutron Production
293 Kelvin Cross Sections



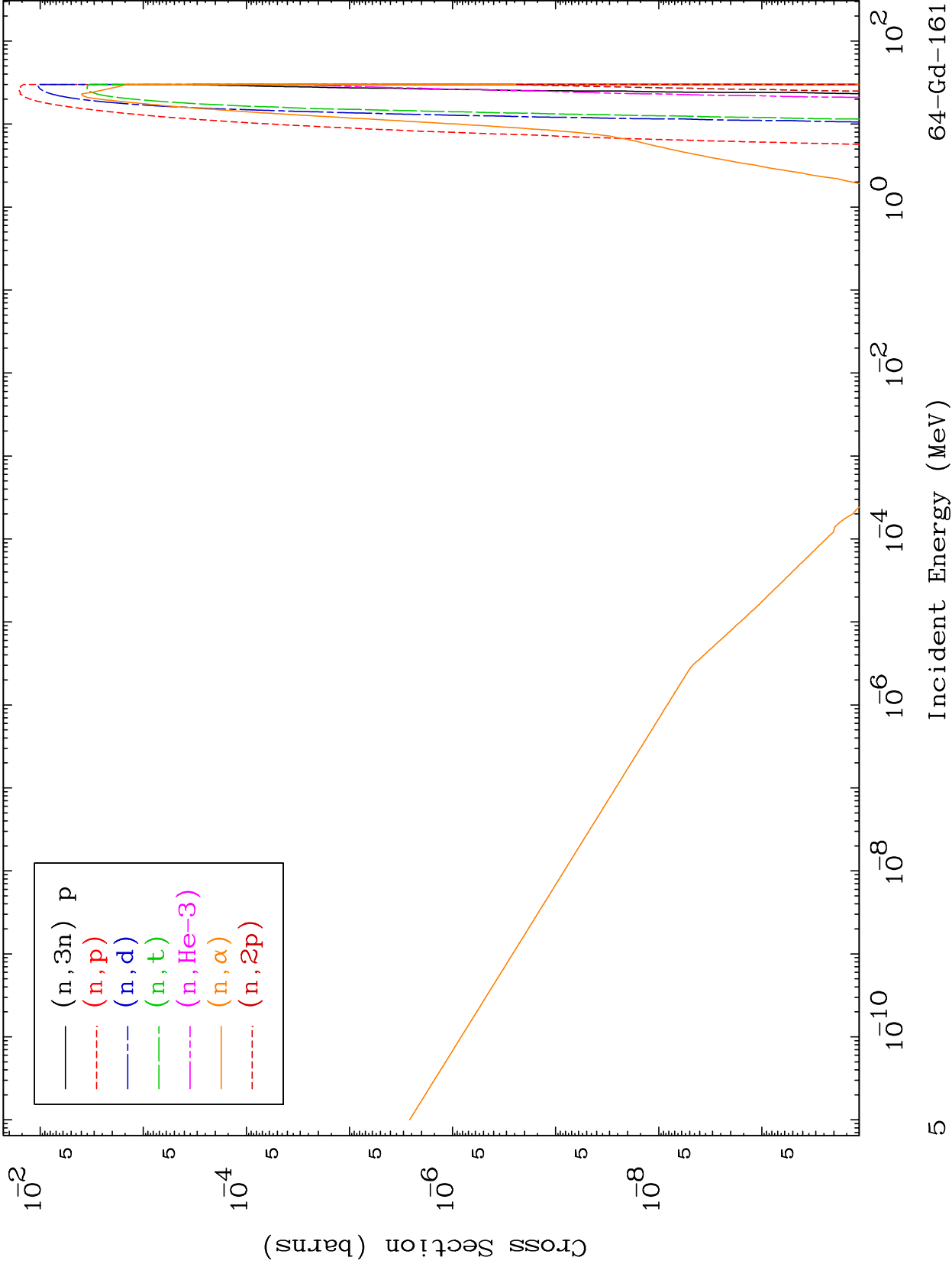




MAT 6452

Charged Particle
293 Kelvin Cross Sections

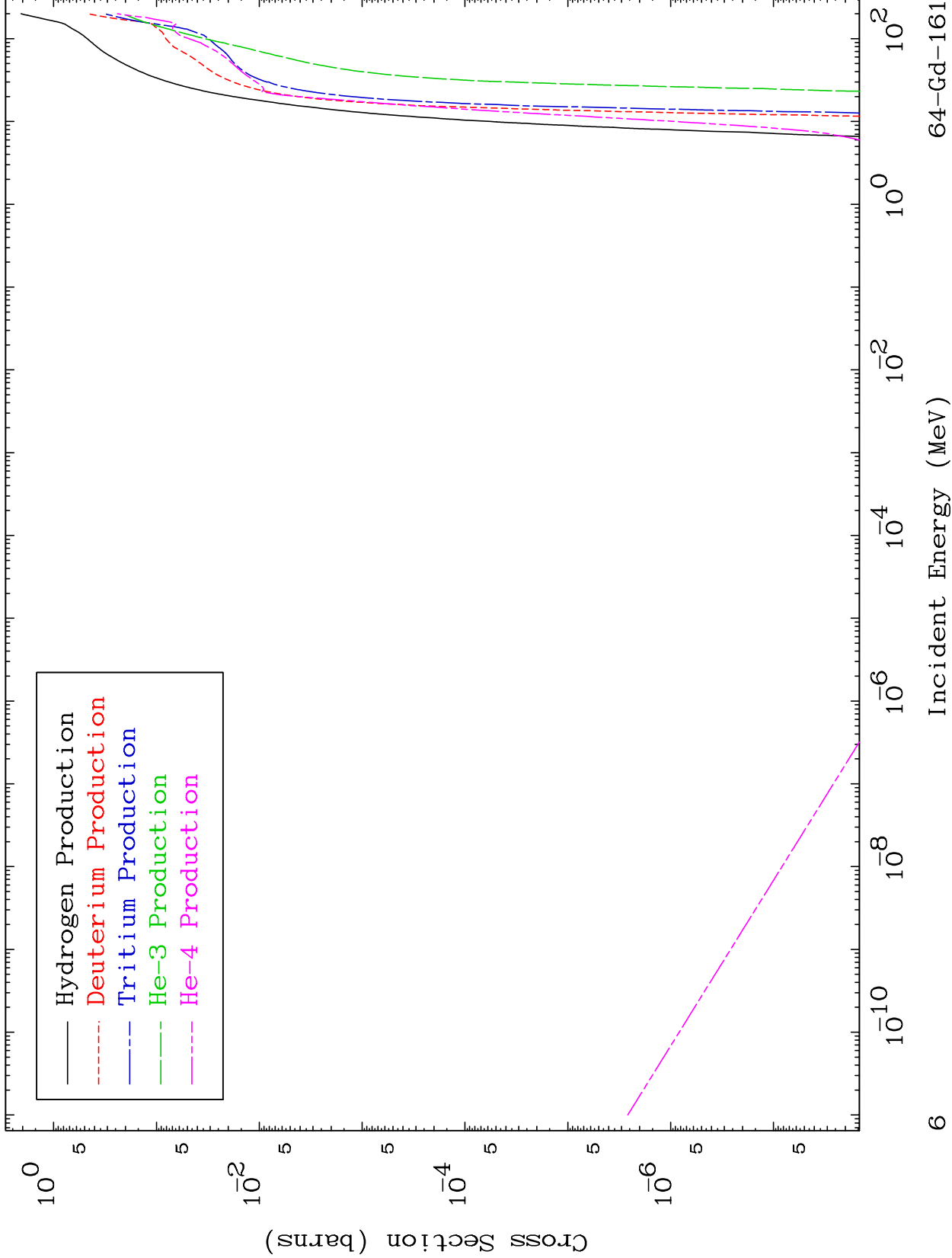
64-Gd-161



5

Incident Energy (MeV)

64-Gd-161

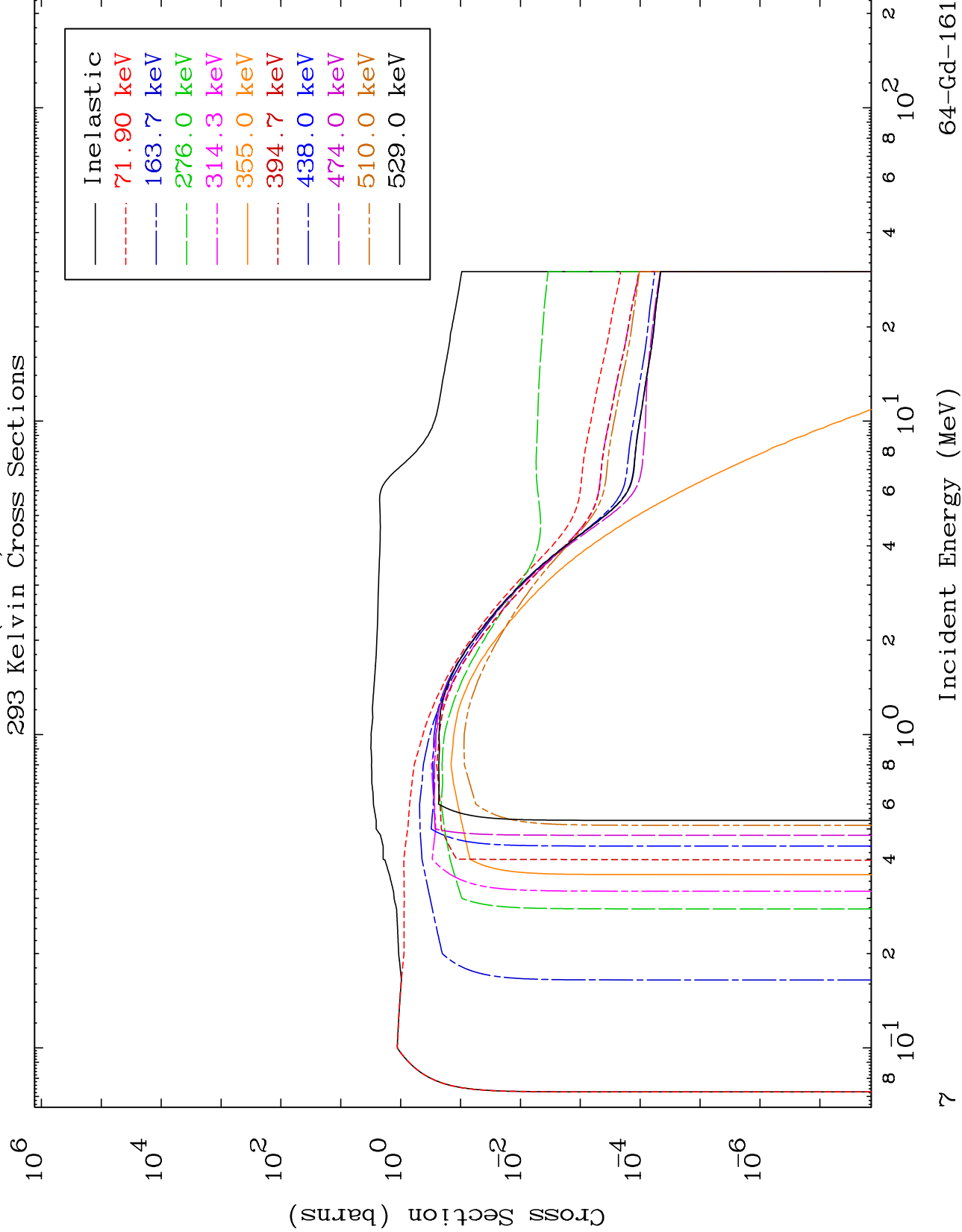


MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections

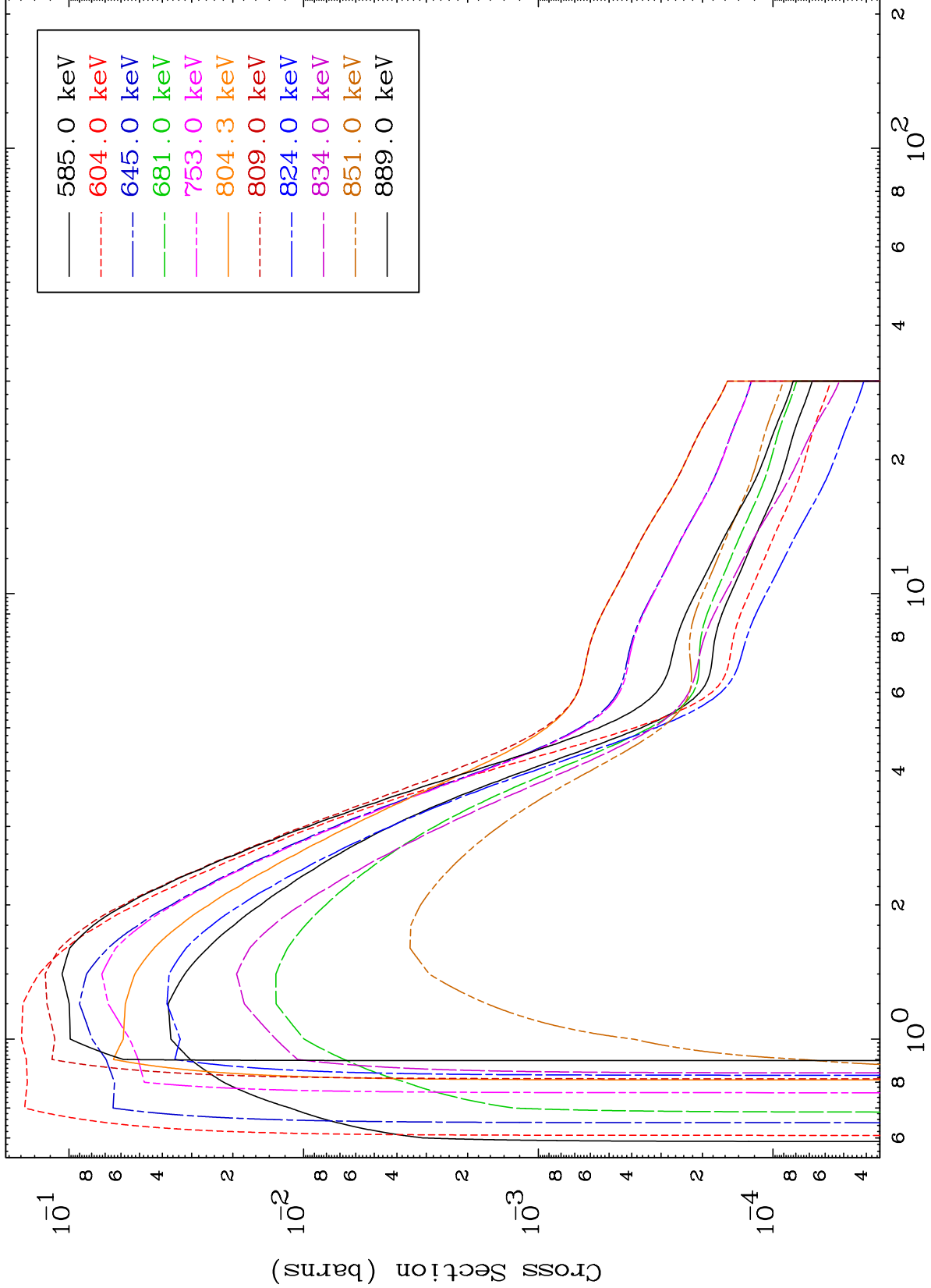


MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



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Incident Energy (MeV)

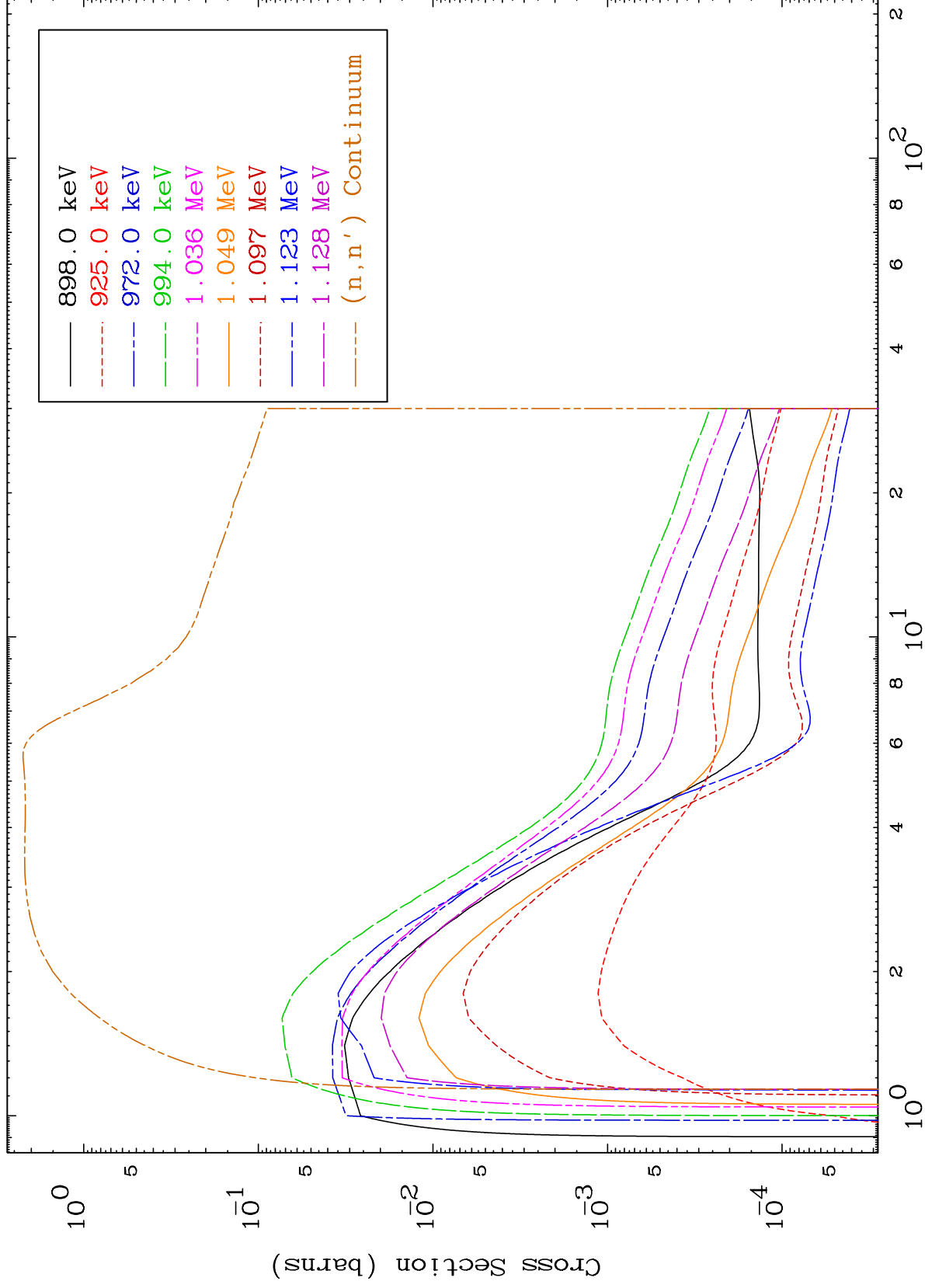
64-Gd-161

MAT 6452

(n,n') Level

64-Gd-161

293 Kelvin Cross Sections



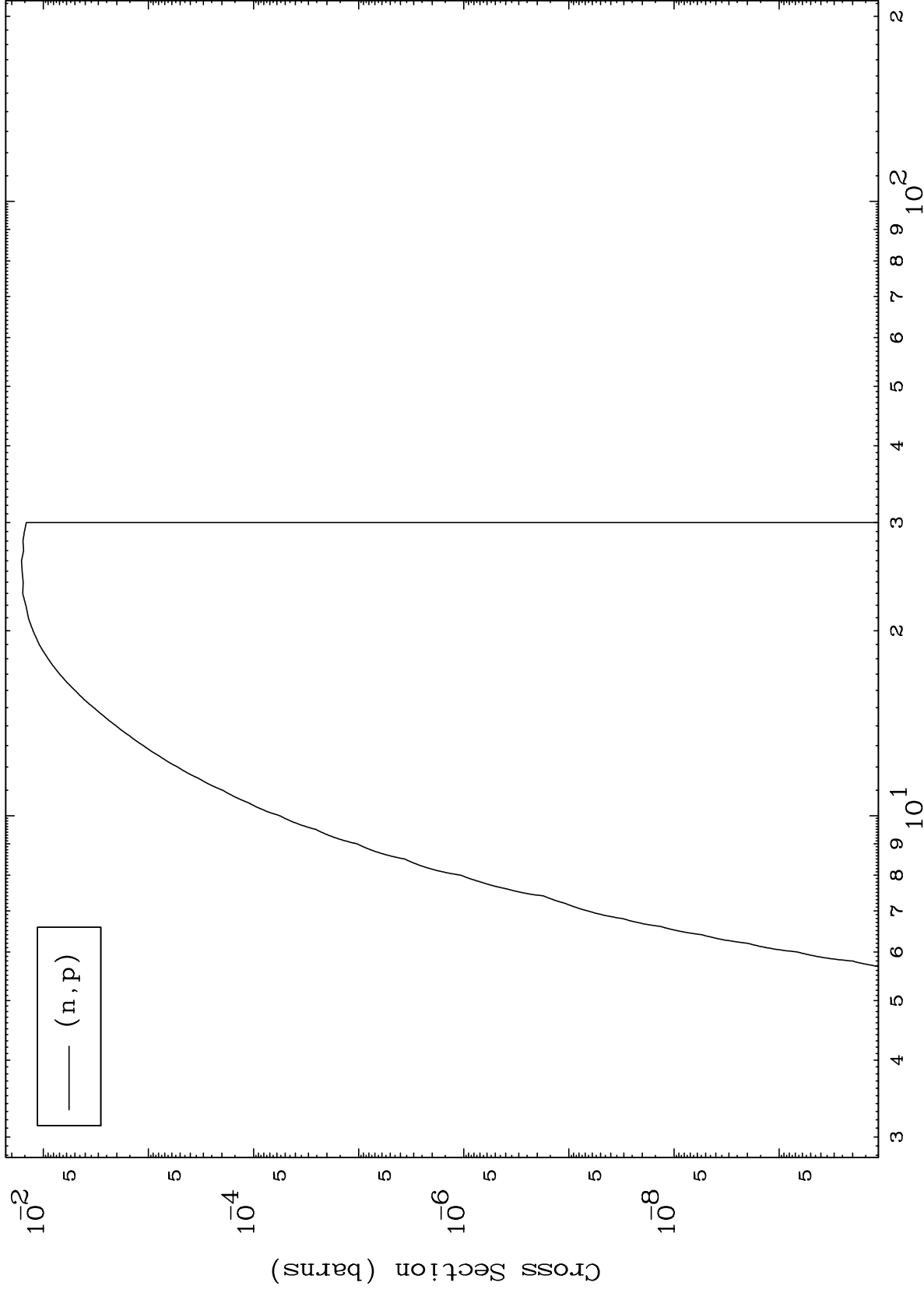
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-161



10

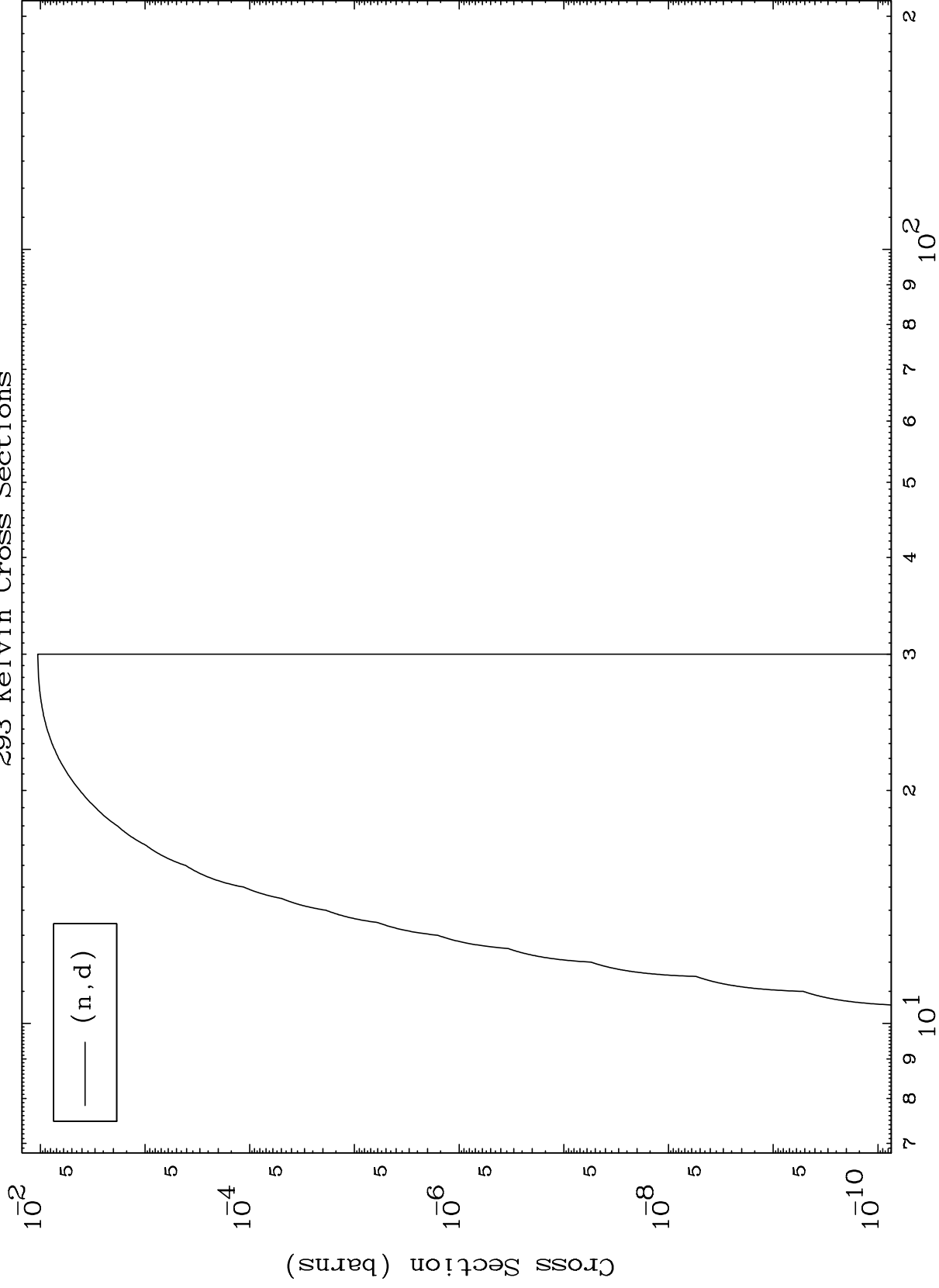
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-161



11

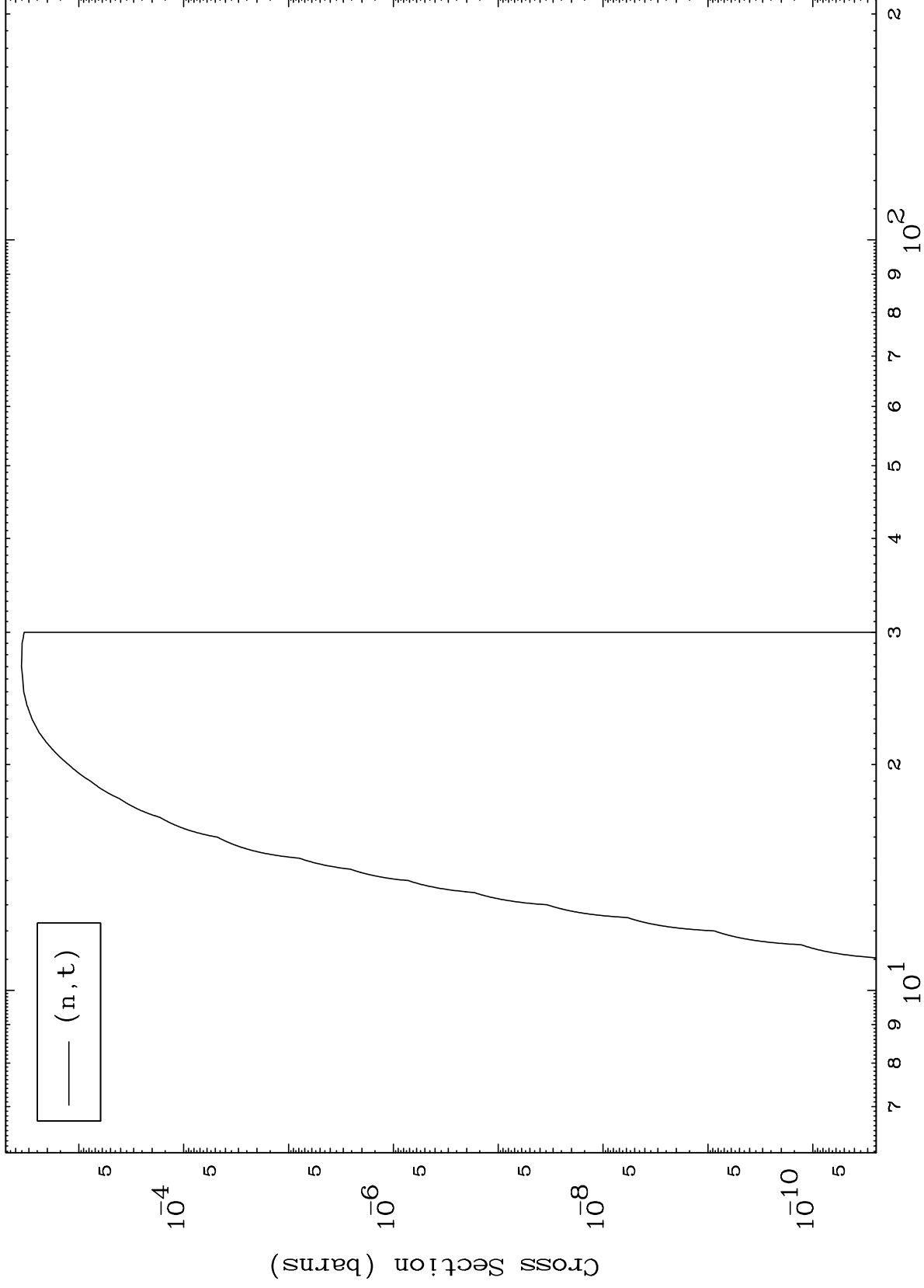
Incident Energy (MeV)

64-Gd-161

MAT 6452

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-161



12

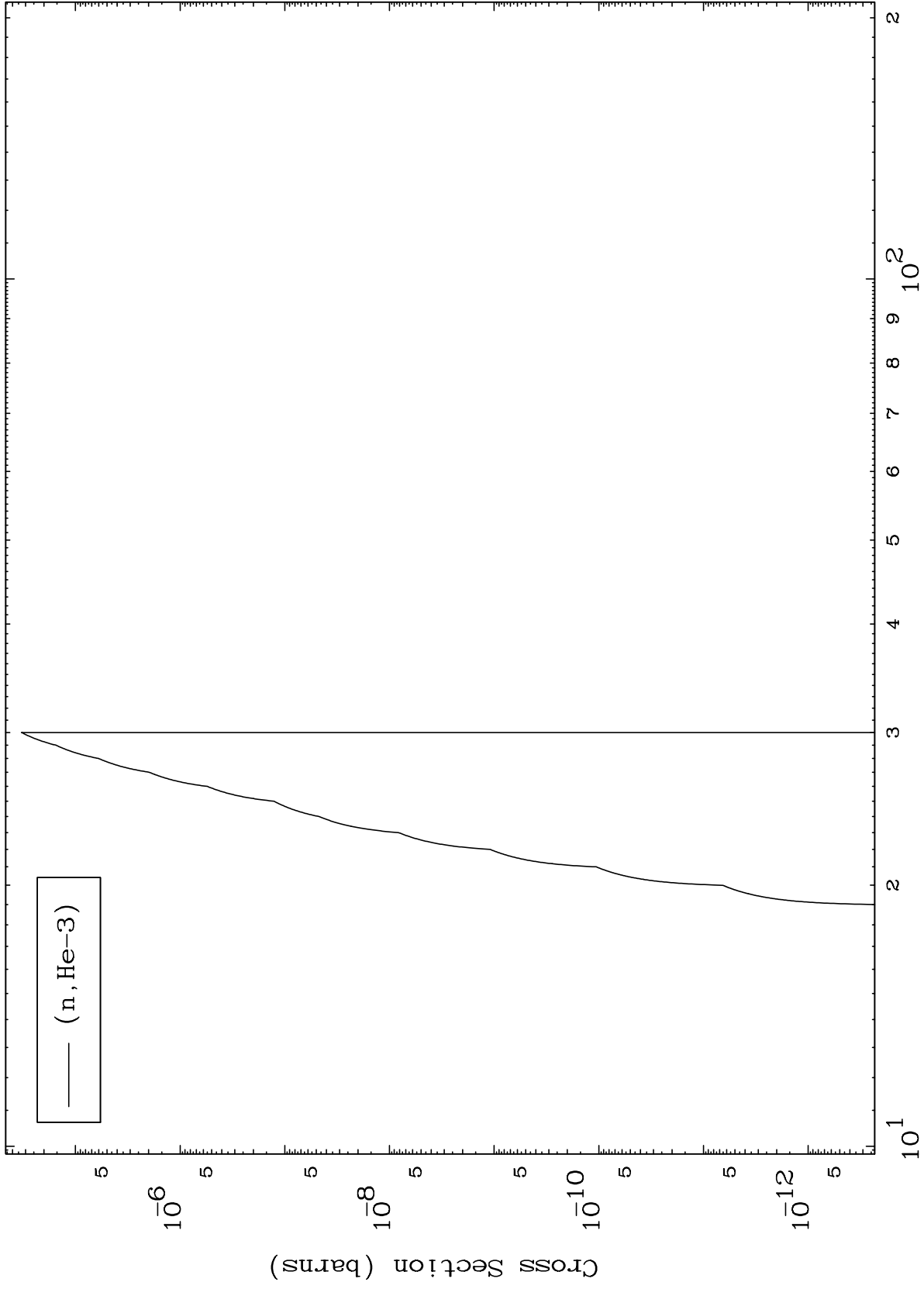
Incident Energy (MeV)

64-Gd-161

MAT 6452

64-Gd-161

(n,He3) Levels
293 Kelvin Cross Sections



64-Gd-161

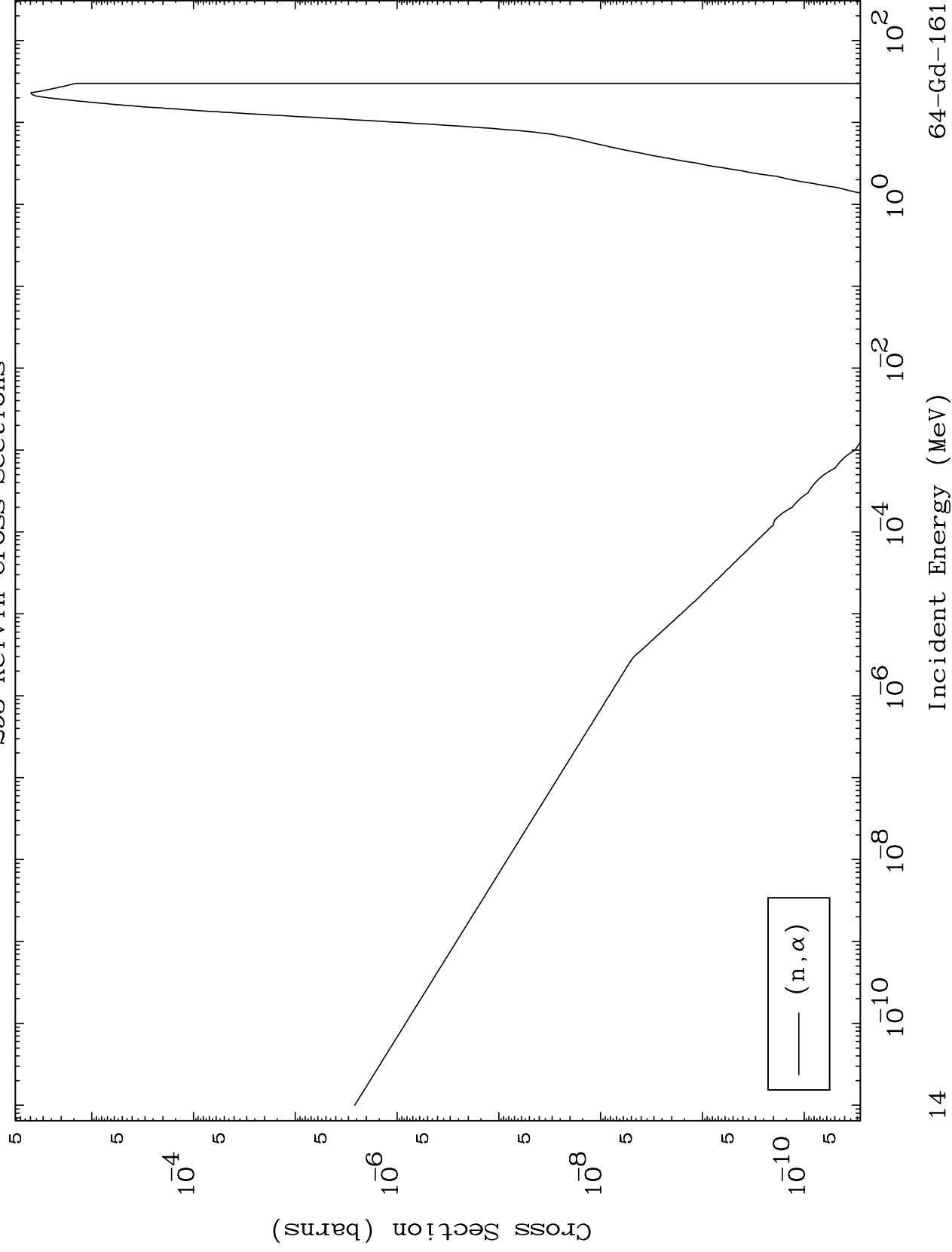
Incident Energy (MeV)

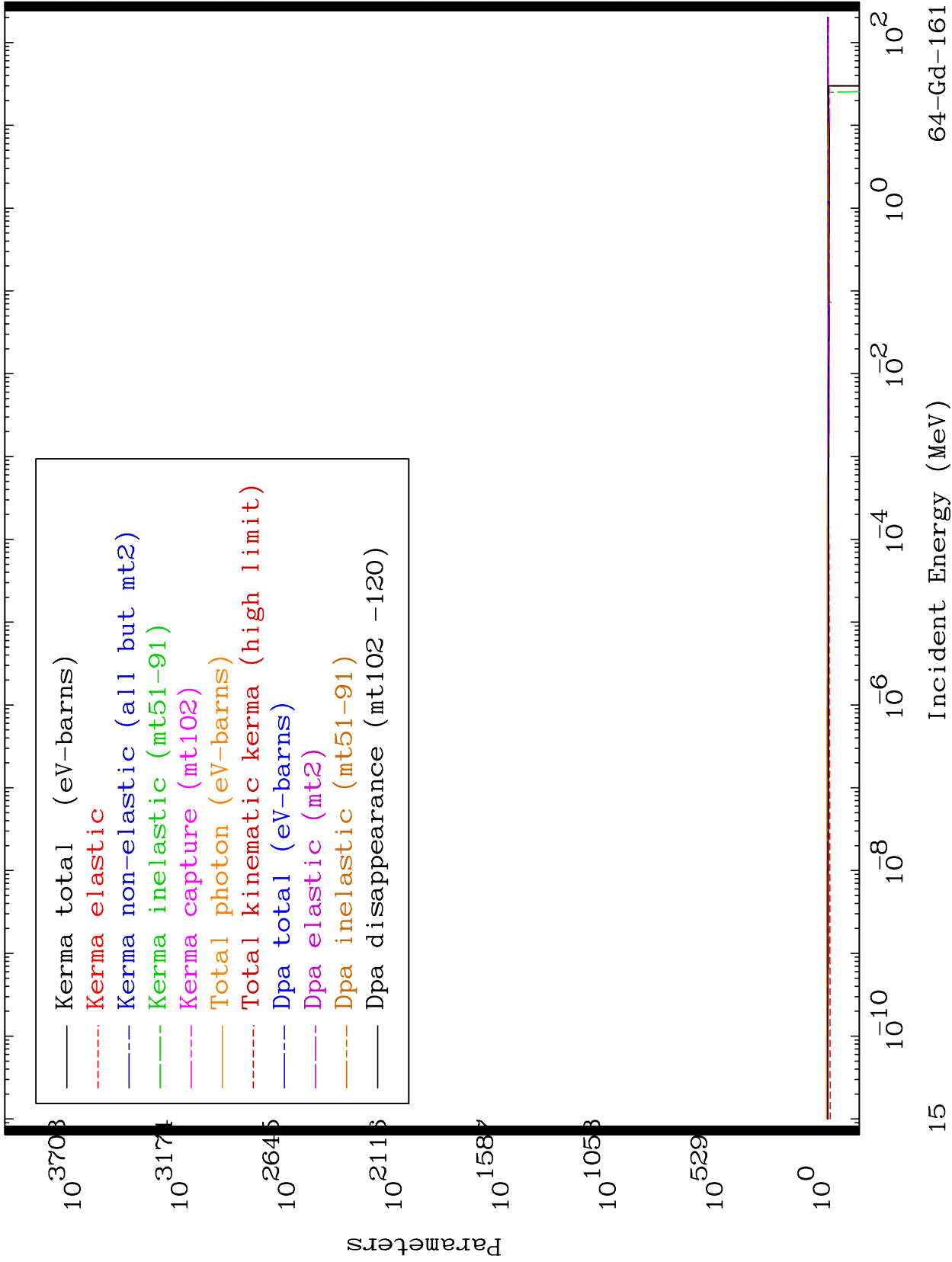
13

MAT 6452

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-161

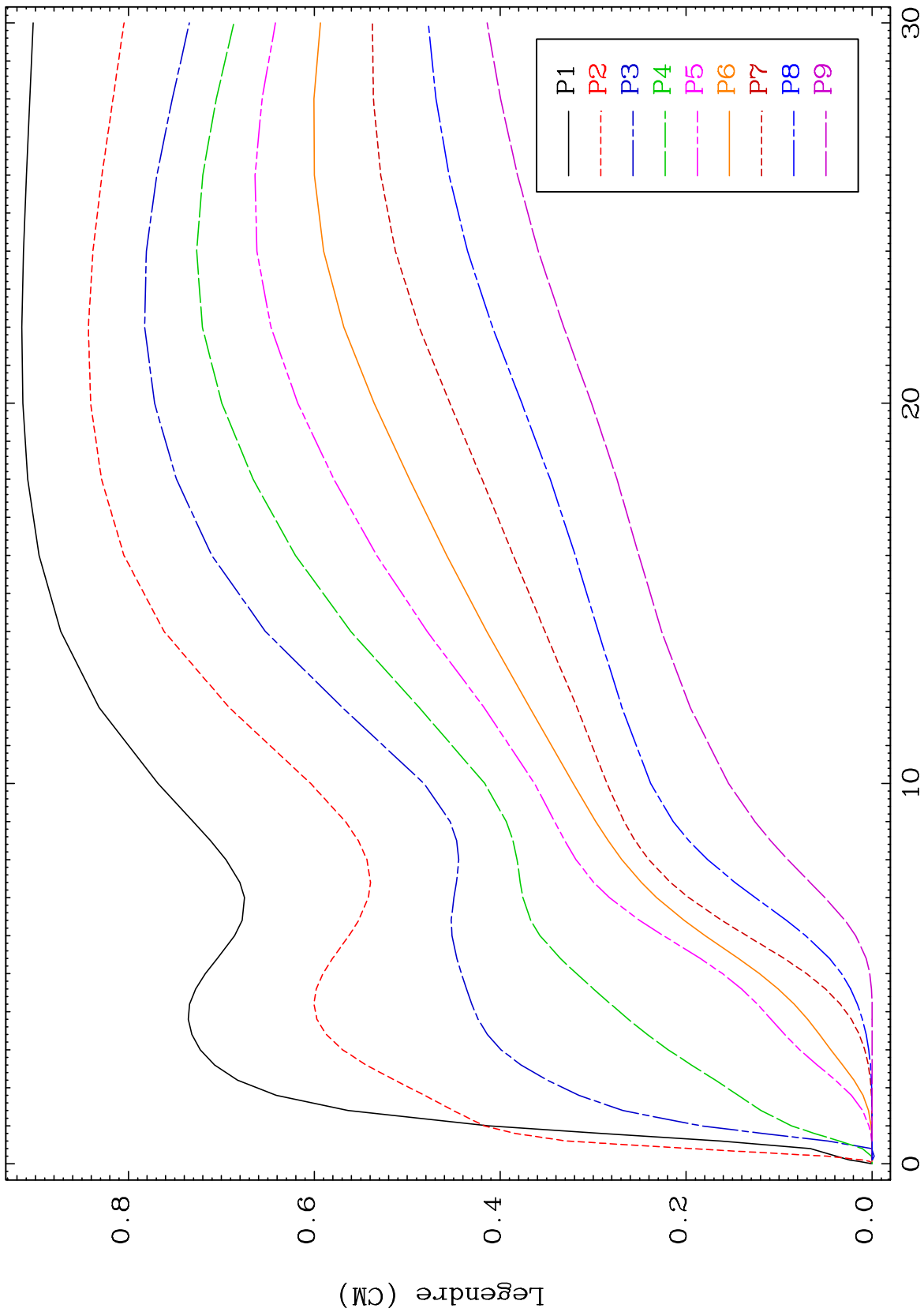




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64-Gd-161

Elastic Legendre Coefficients



64-Gd-161

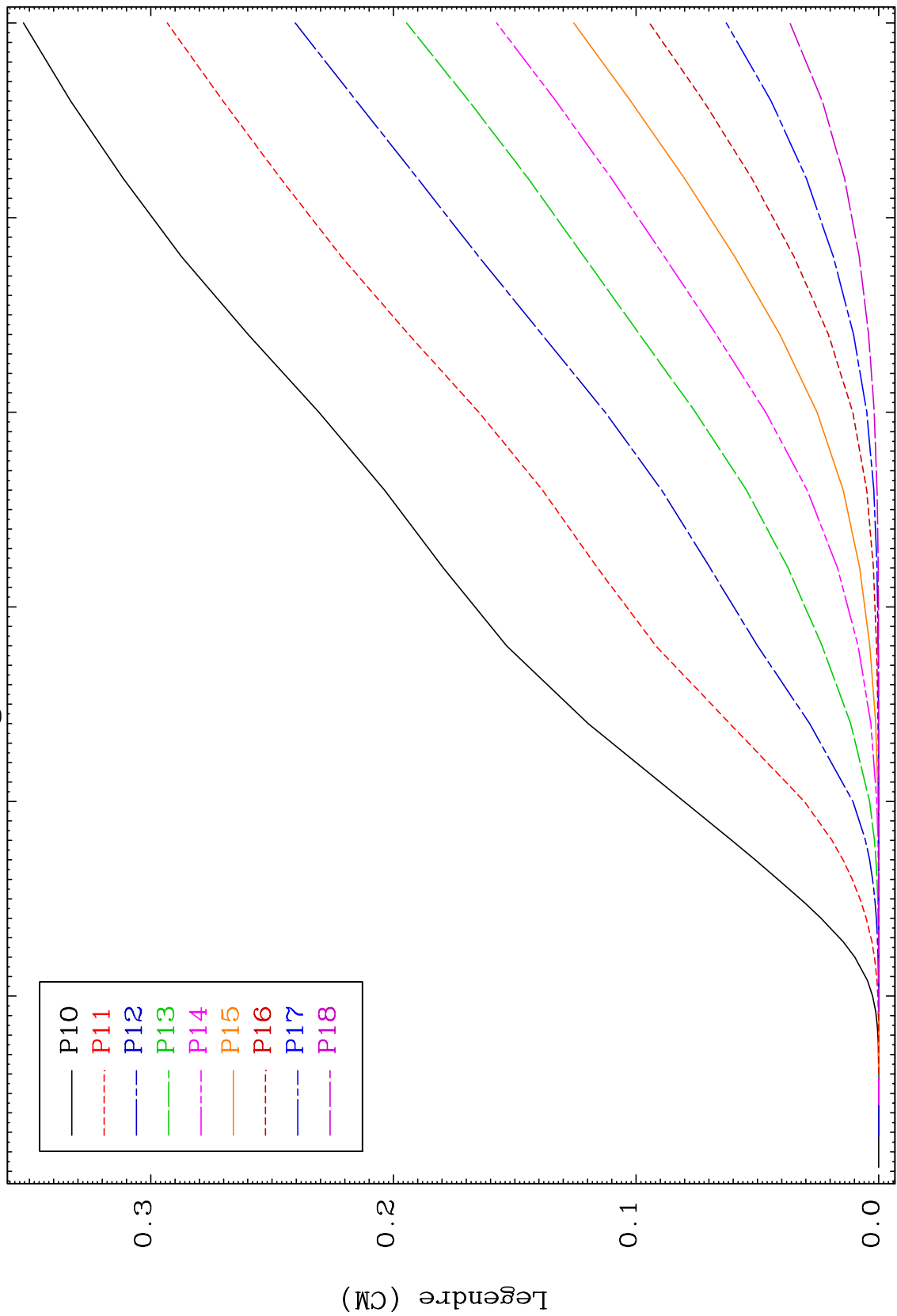
Incident Energy (MeV)

16

MAT 6452

Elastic Legendre Coefficients

64-Gd-161



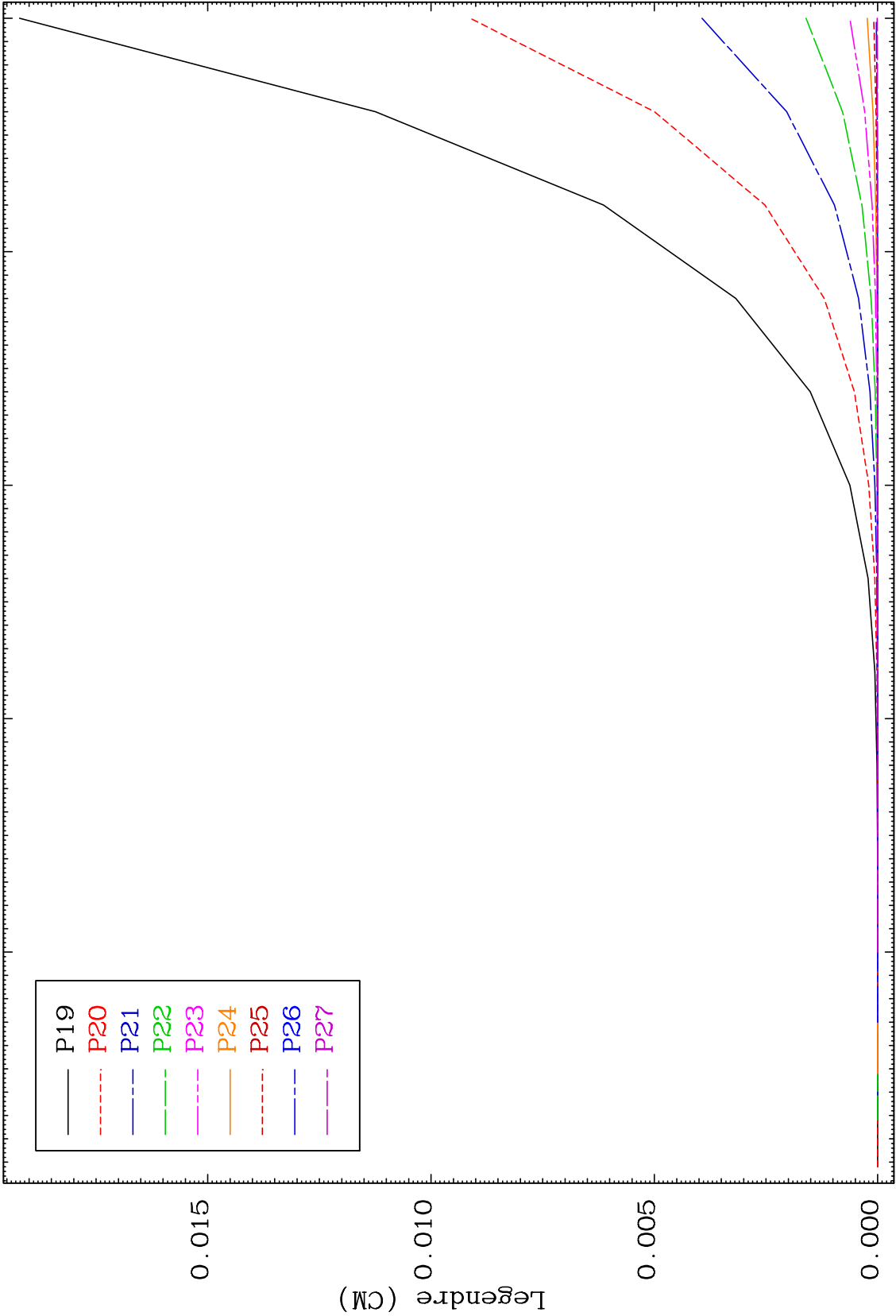
17

64-Gd-161

MAT 6452

Elastic Legendre Coefficients

64-Gd-161



18

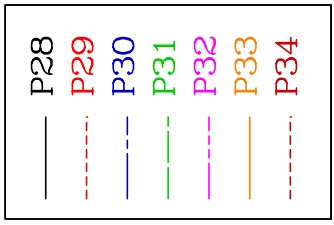
Incident Energy (MeV)

64-Gd-161

MAT 6452

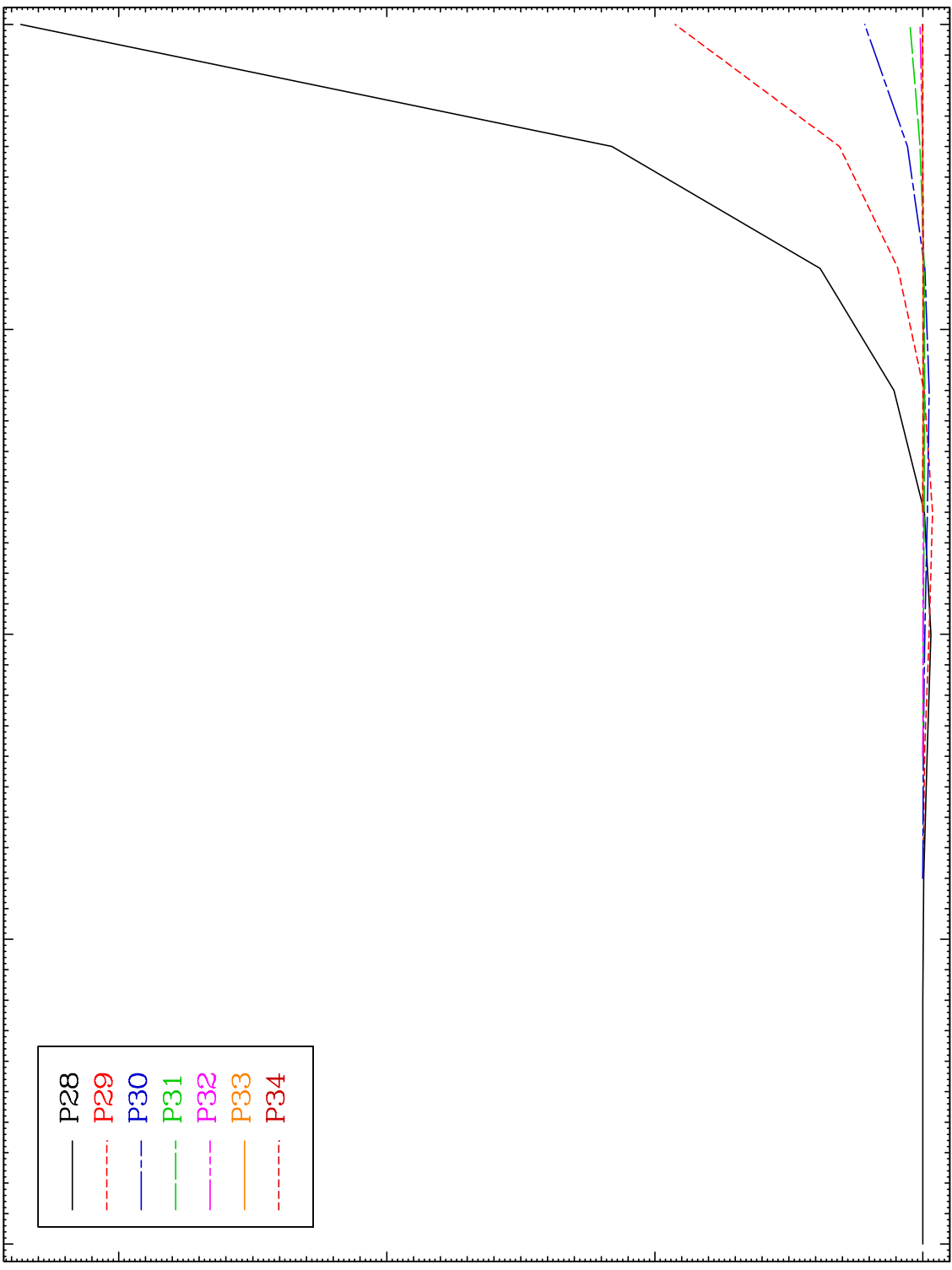
Elastic Legendre Coefficients

64-Gd-161



$\times 10^{-6}$

Legendre (CM)



30

25

20

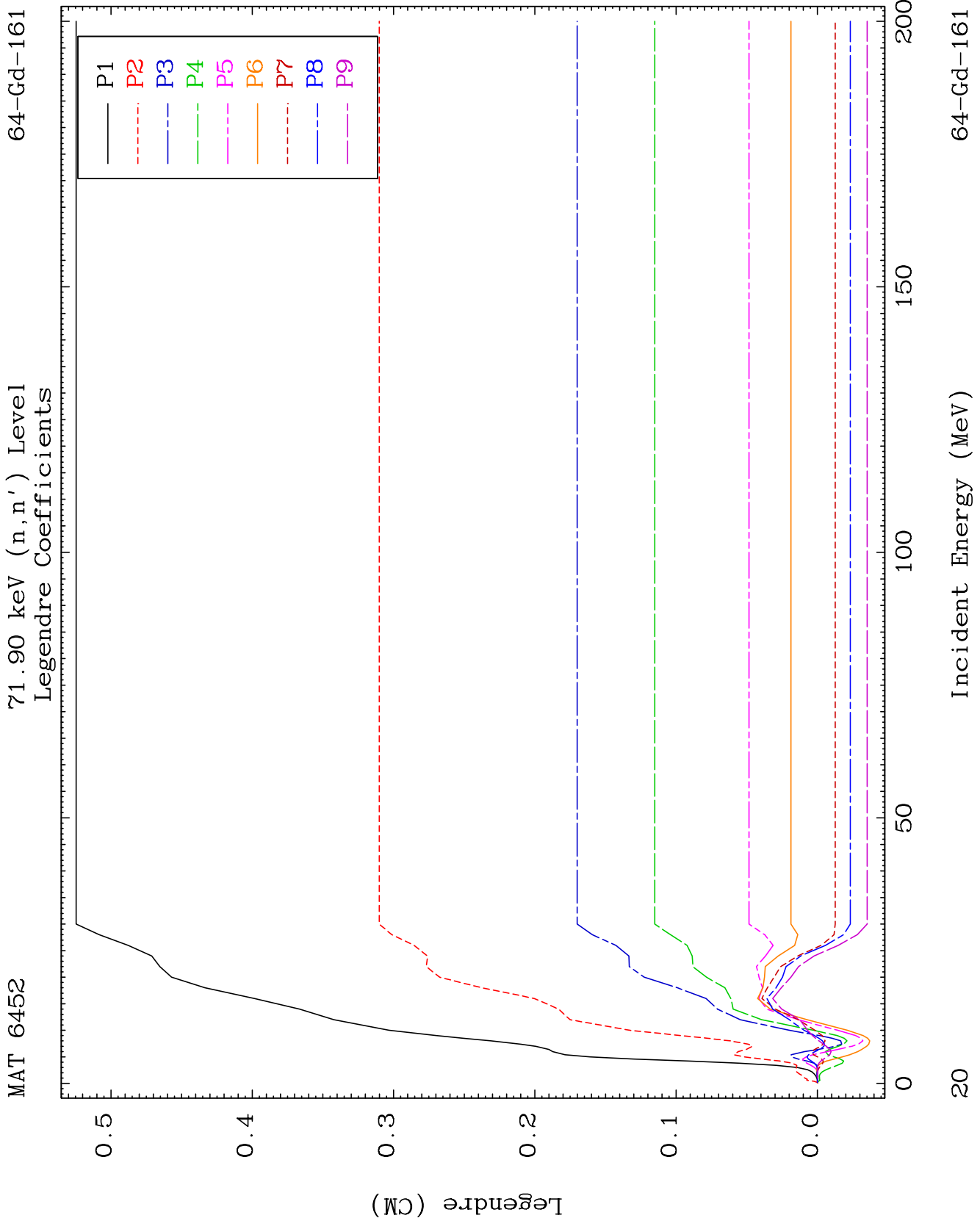
15

10

Incident Energy (MeV)

64-Gd-161

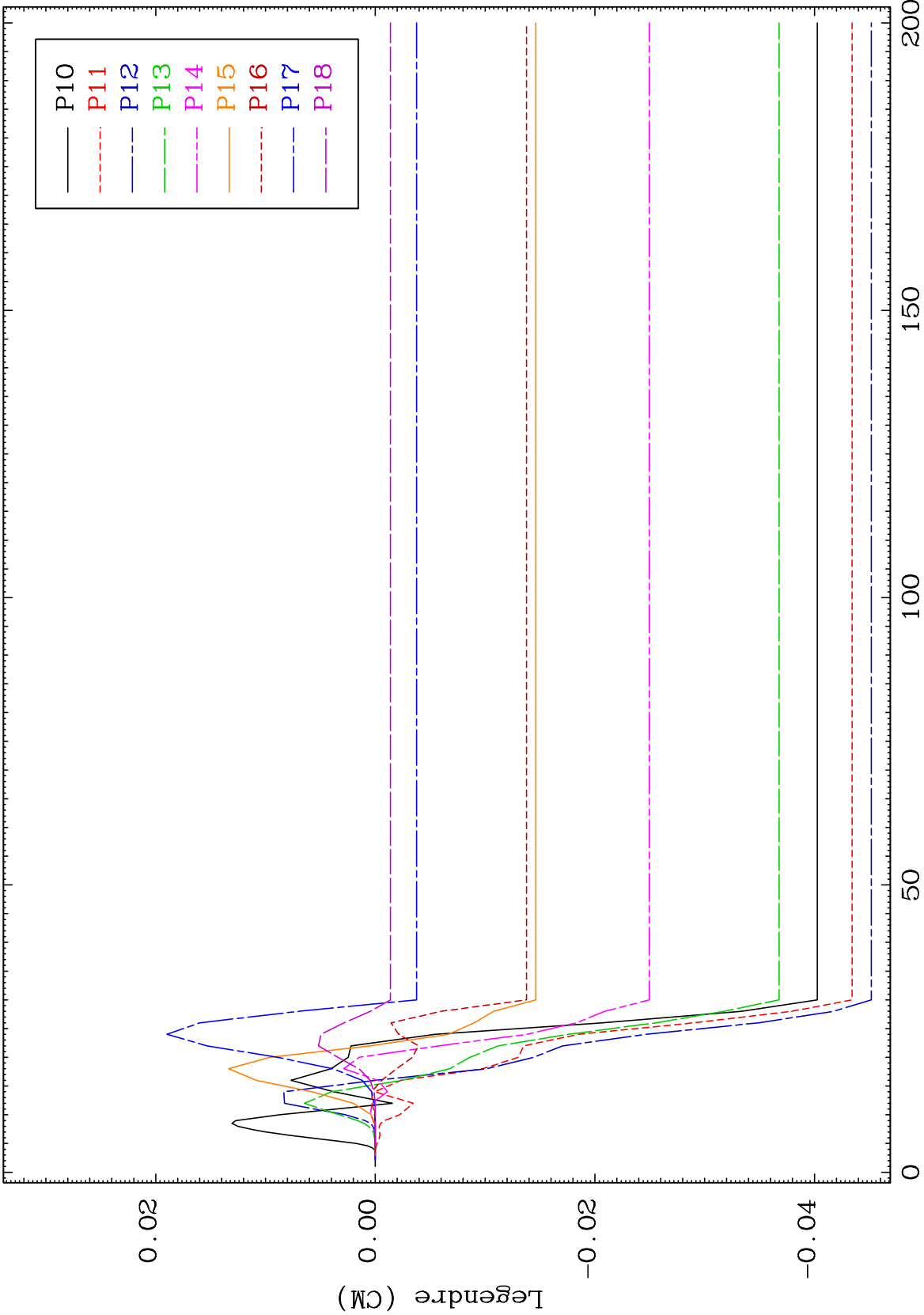
19



MAT 6452

71.90 keV (n,n') Level
Legendre Coefficients

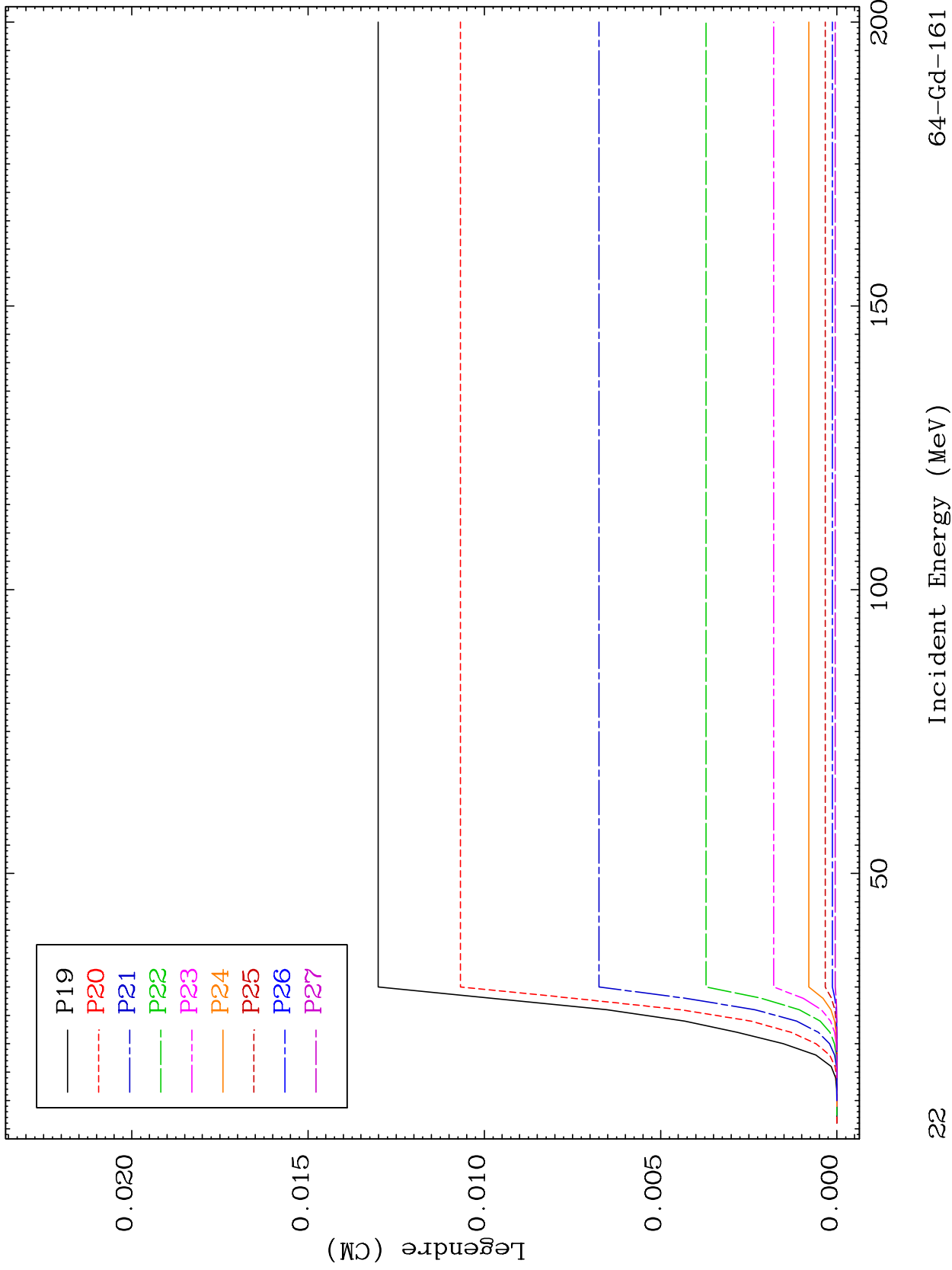
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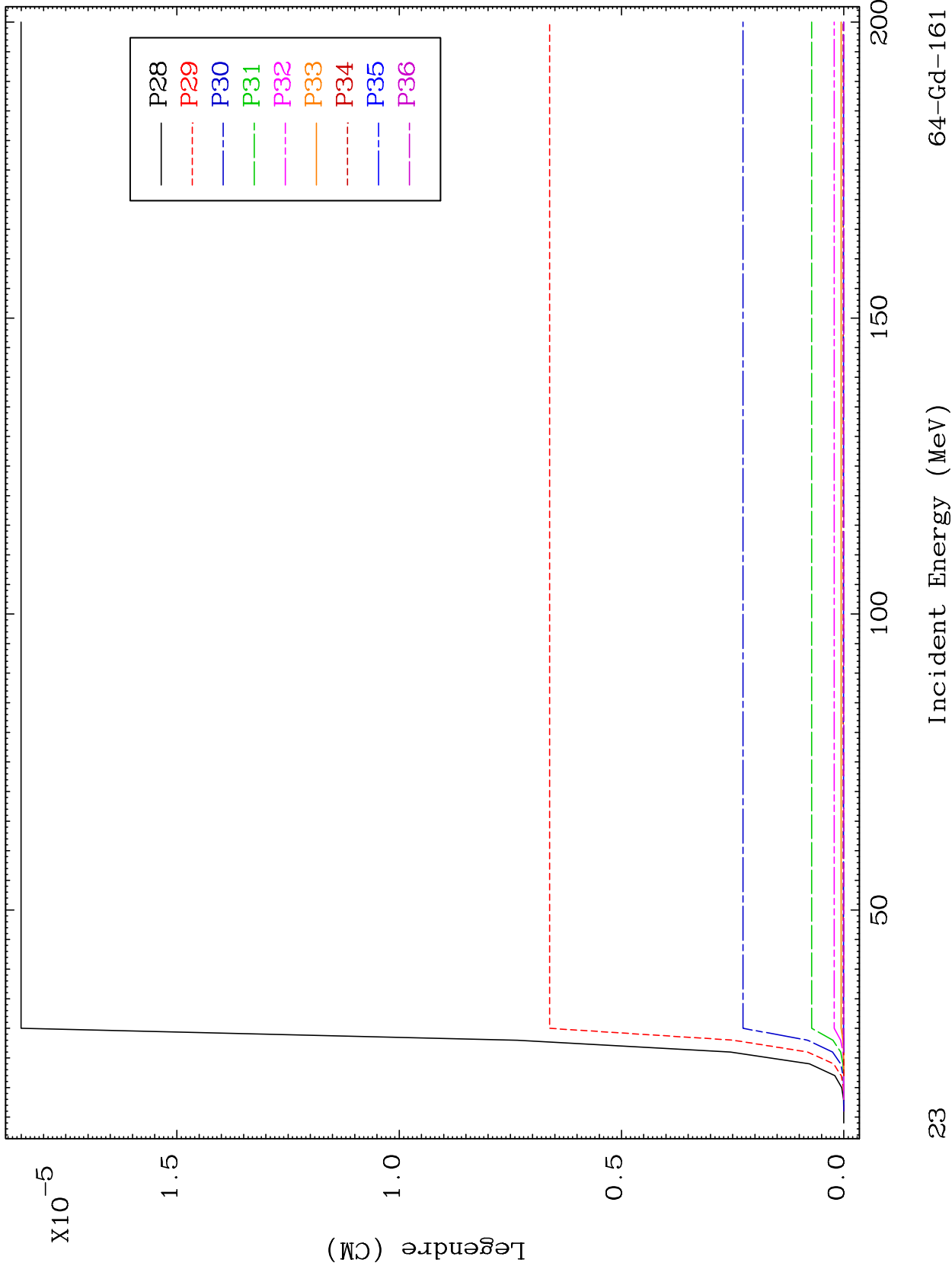


21

Incident Energy (MeV)

64-Gd-161

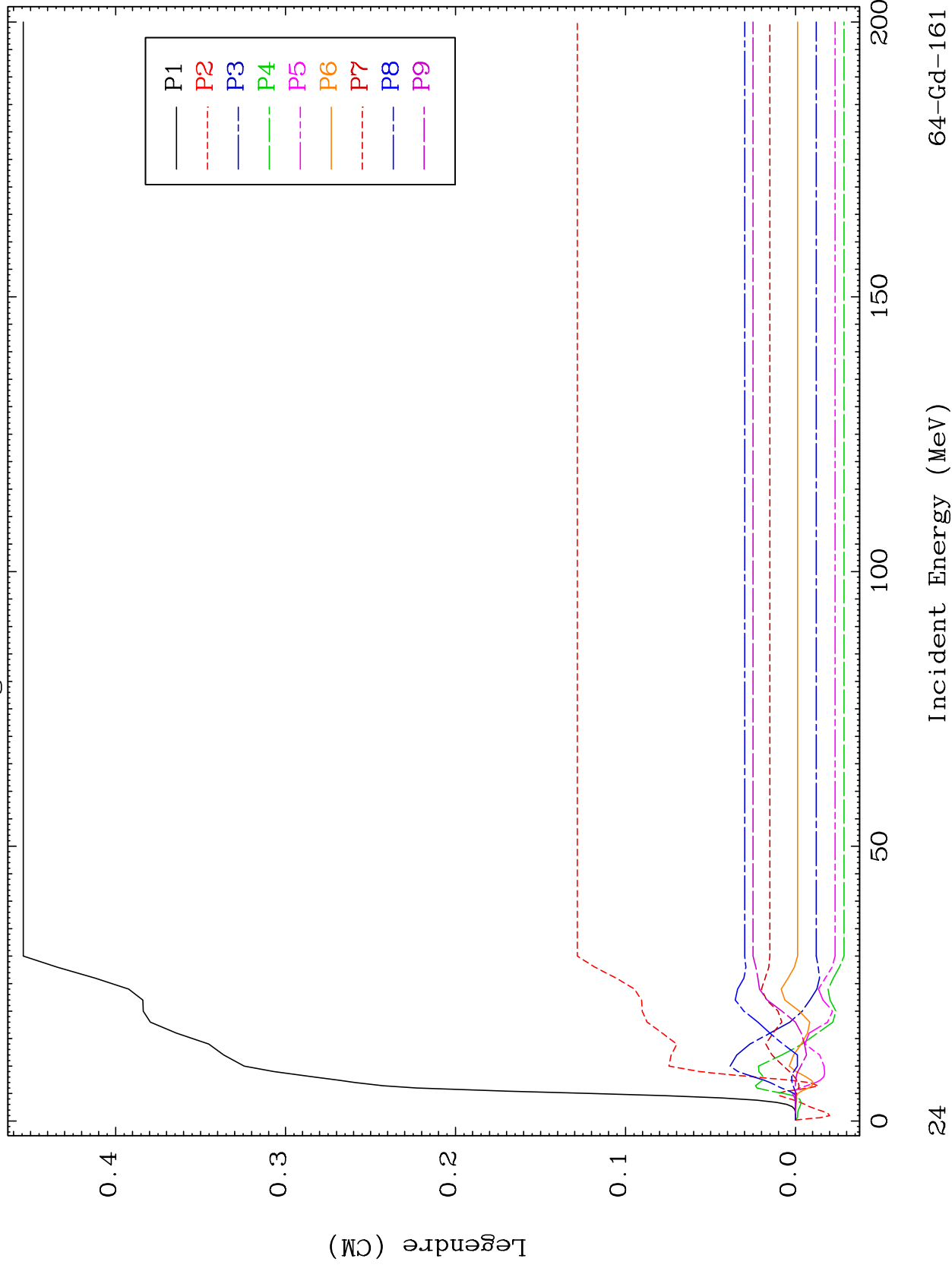




MAT 6452

163.7 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

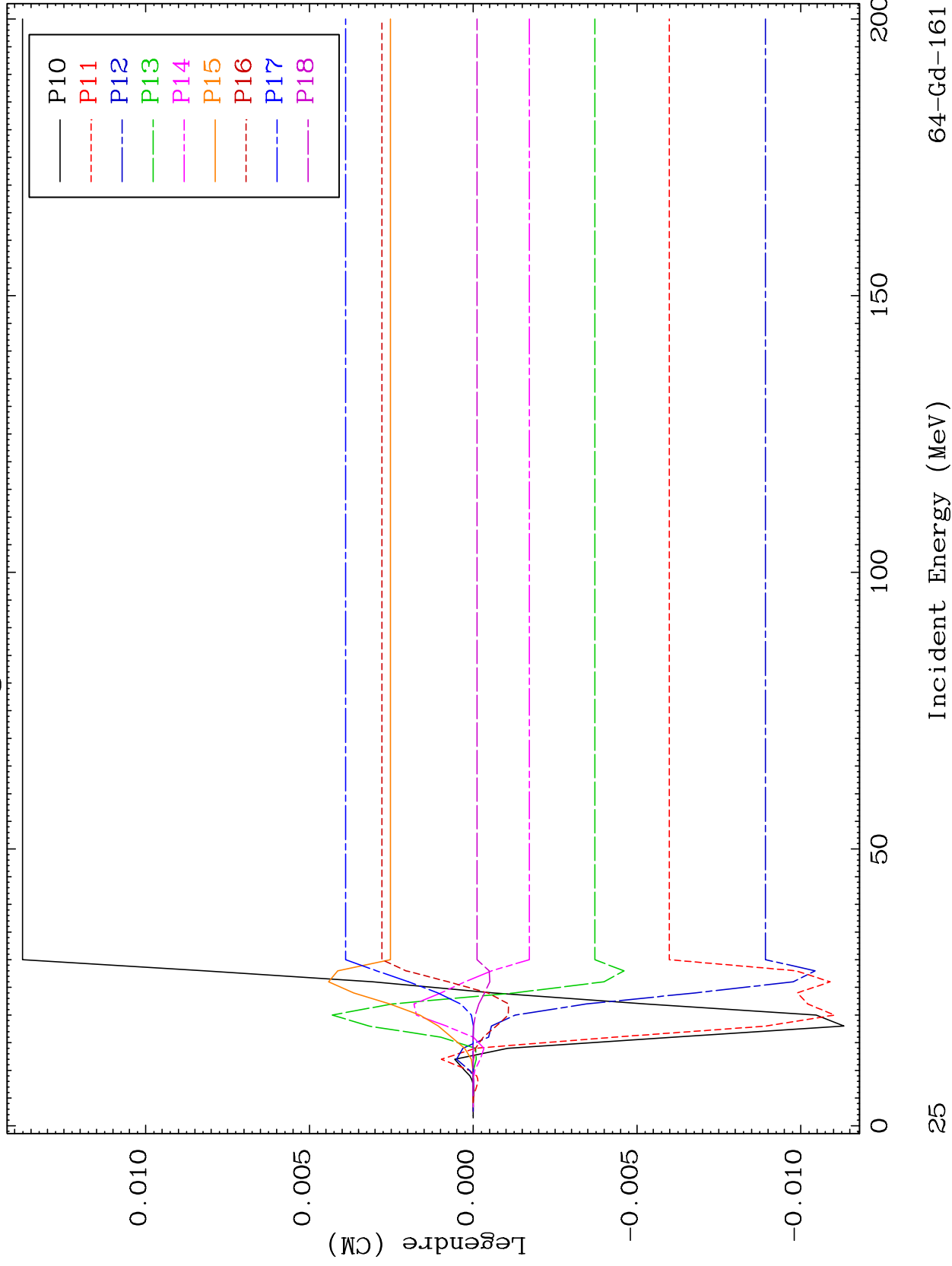
Incident Energy (MeV)

24

MAT 6452

163.7 keV (n,n') Level
Legendre Coefficients

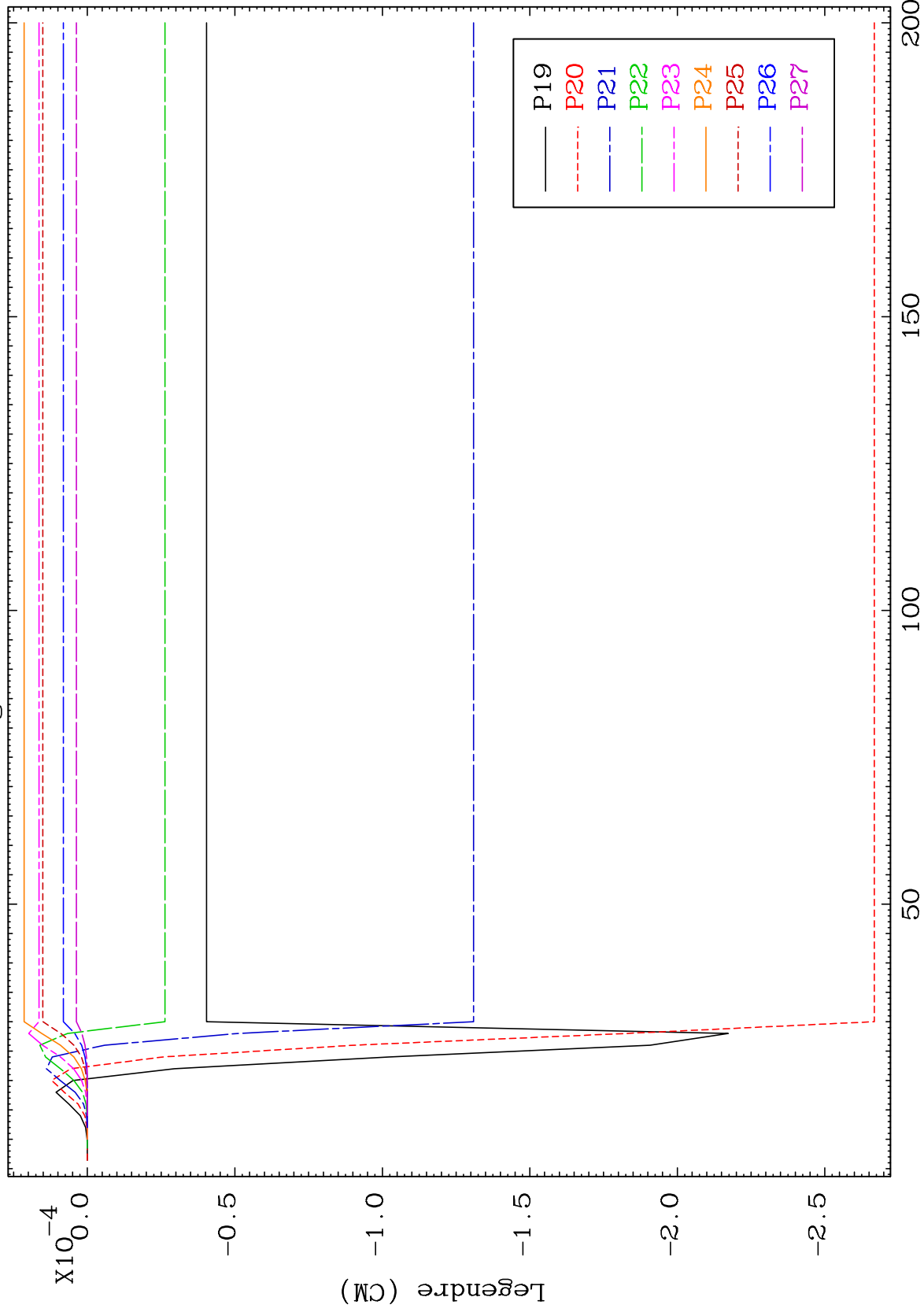
64-Gd-161



64-Gd-161

Incident Energy (MeV)

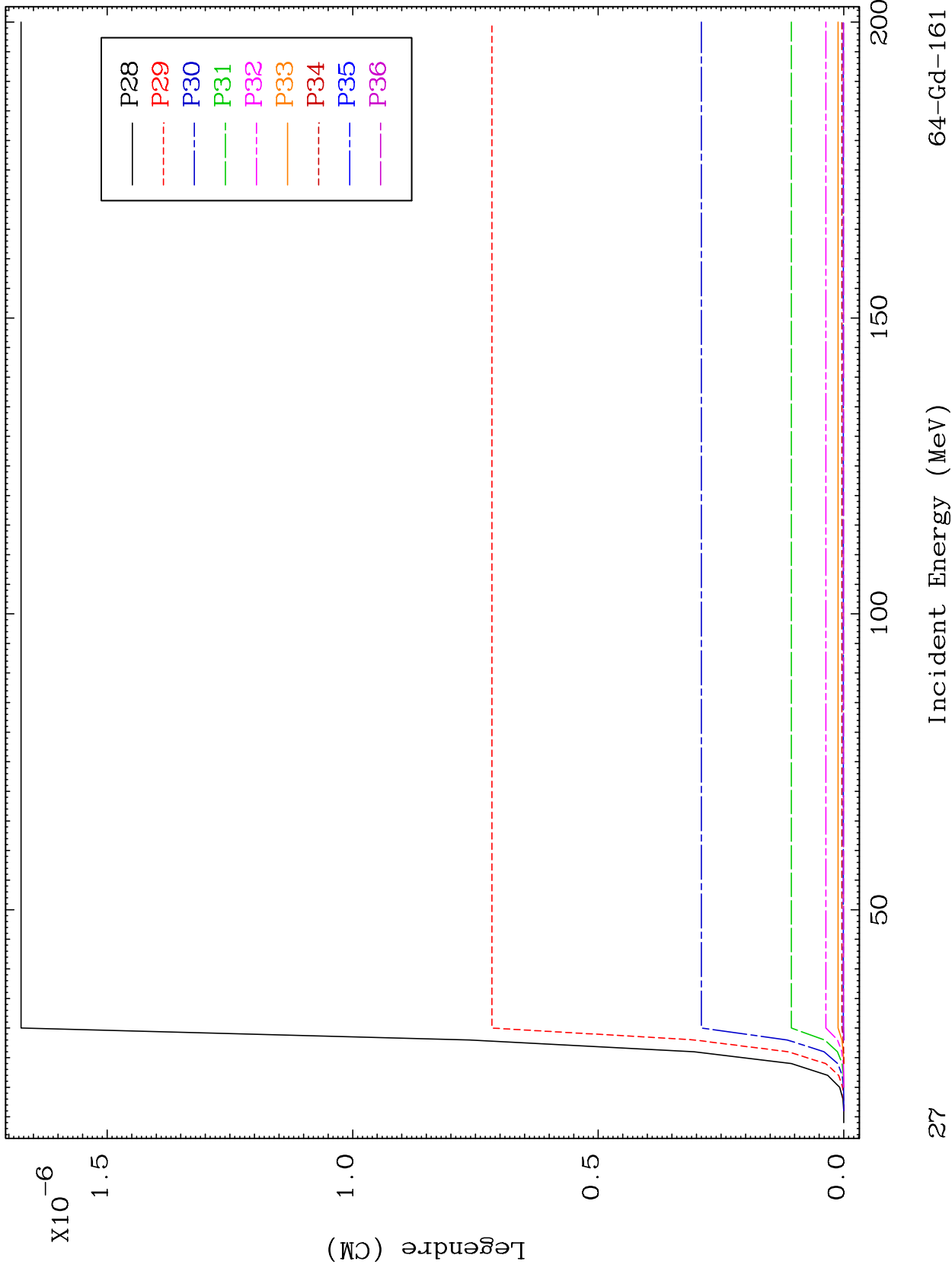
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MAT 6452

163.7 keV (n,n') Level
Legendre Coefficients

64-Gd-161



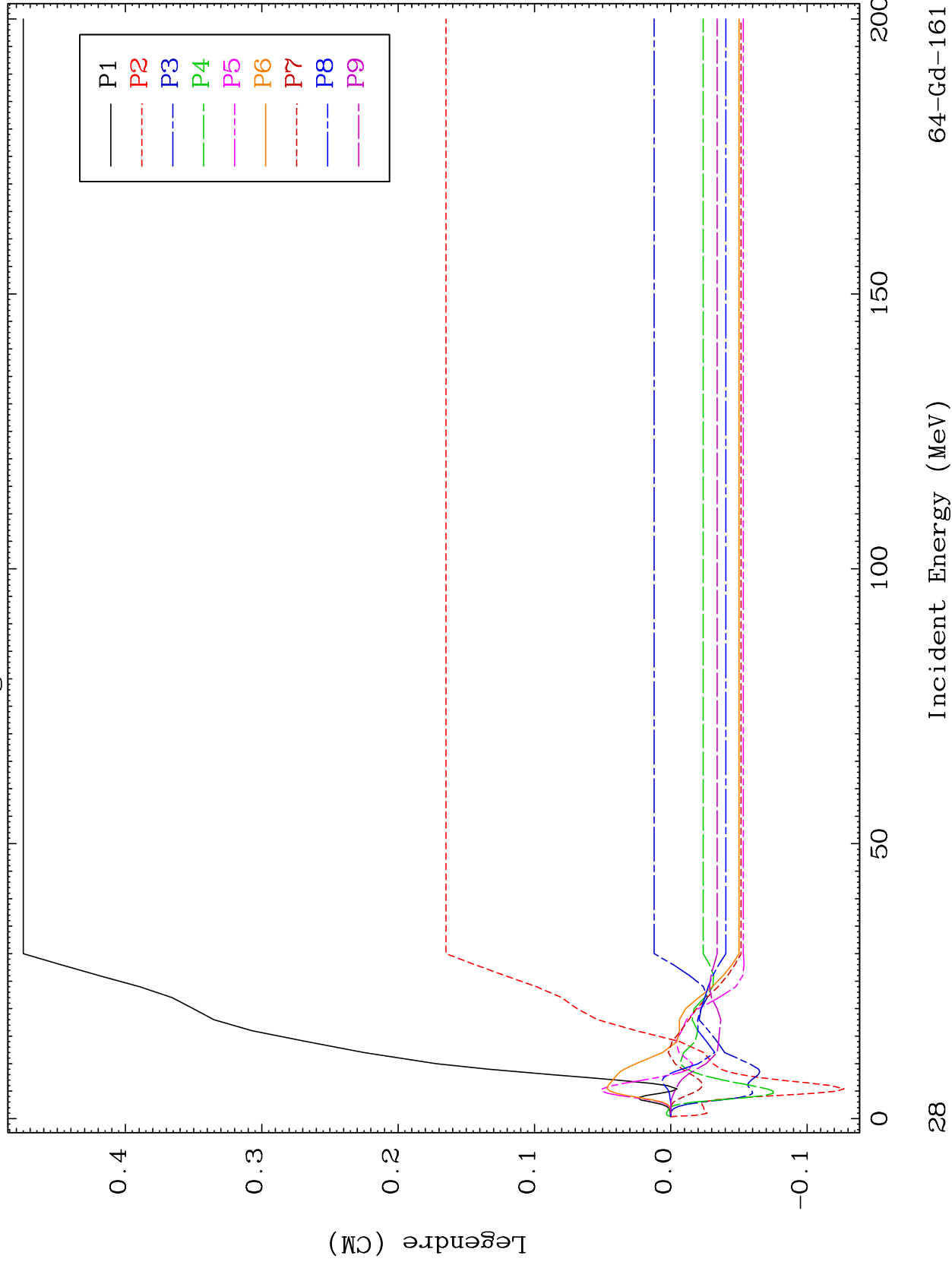
27

64-Gd-161

MAT 6452

276.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

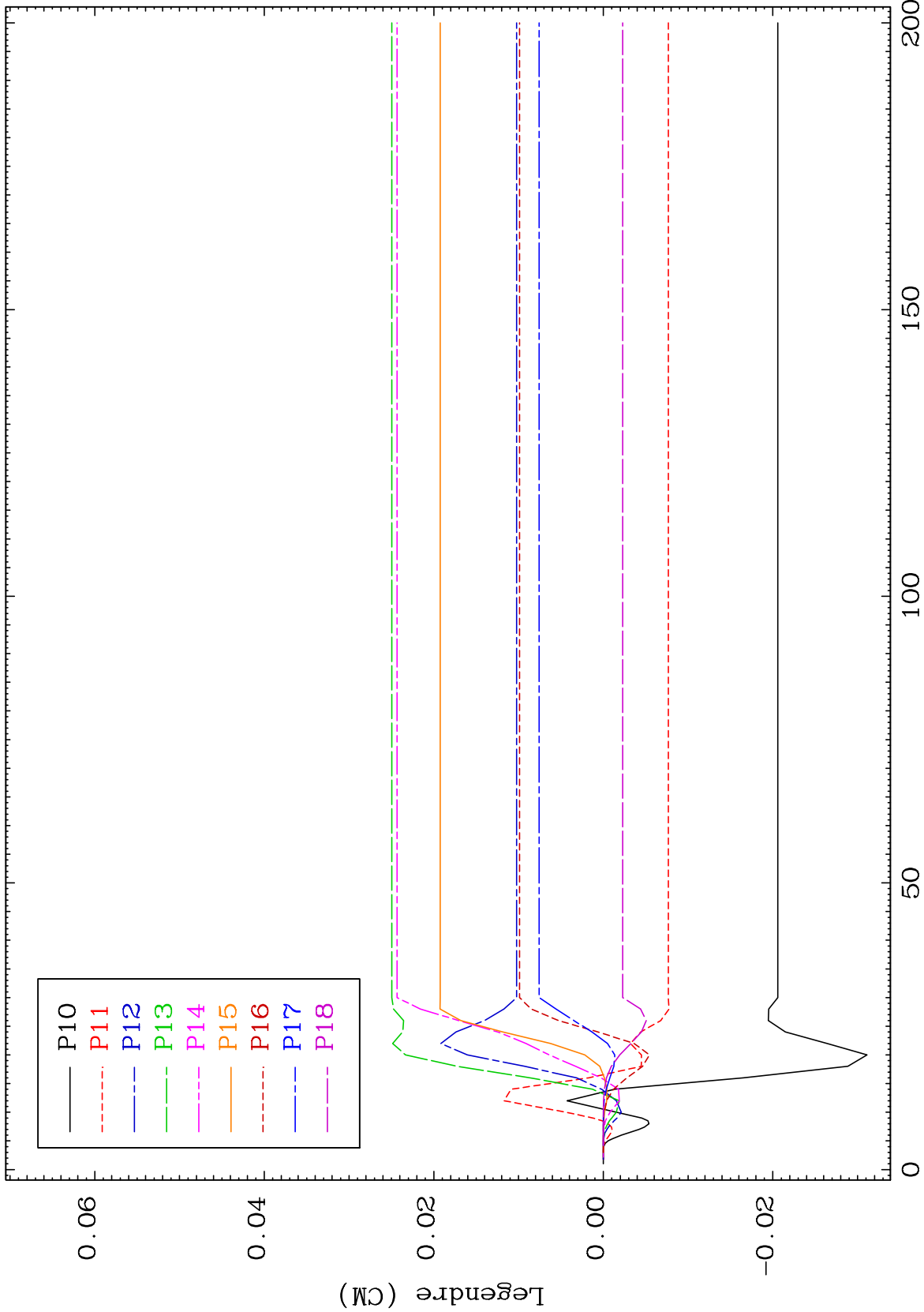
Incident Energy (MeV)

28

MAT 6452

276.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



29

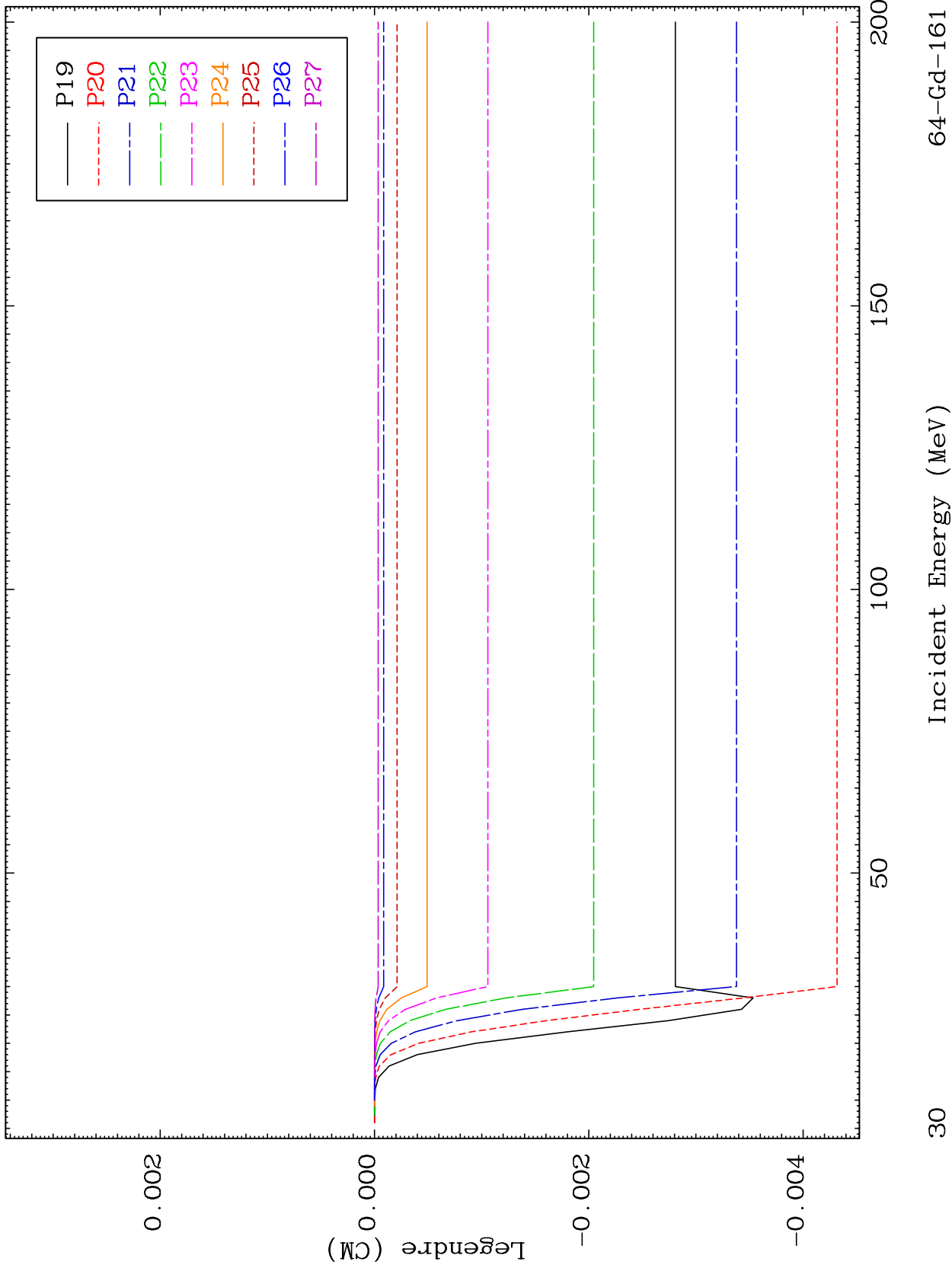
Incident Energy (MeV)

64-Gd-161

MAT 6452

276.0 keV (n,n') Level
Legendre Coefficients

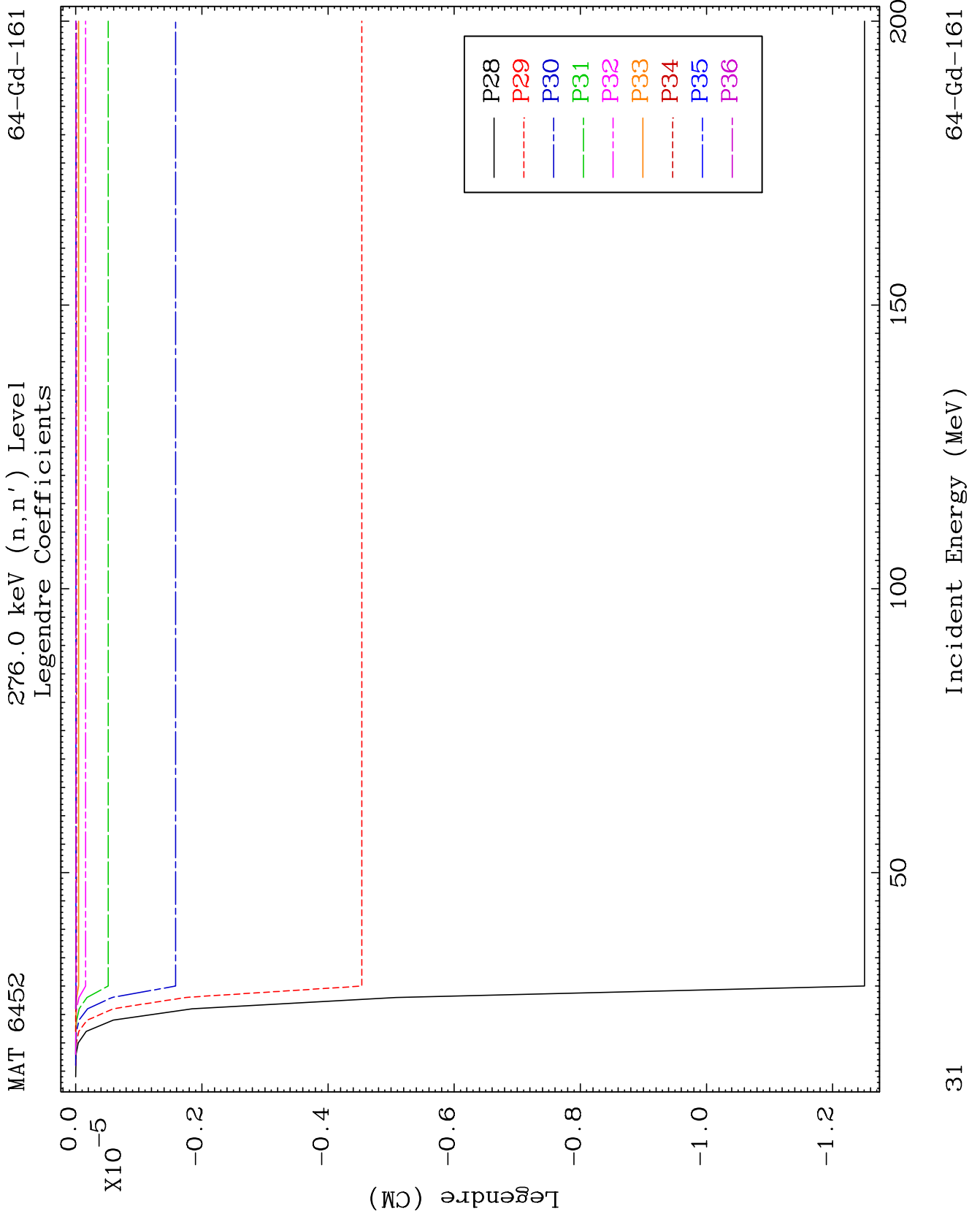
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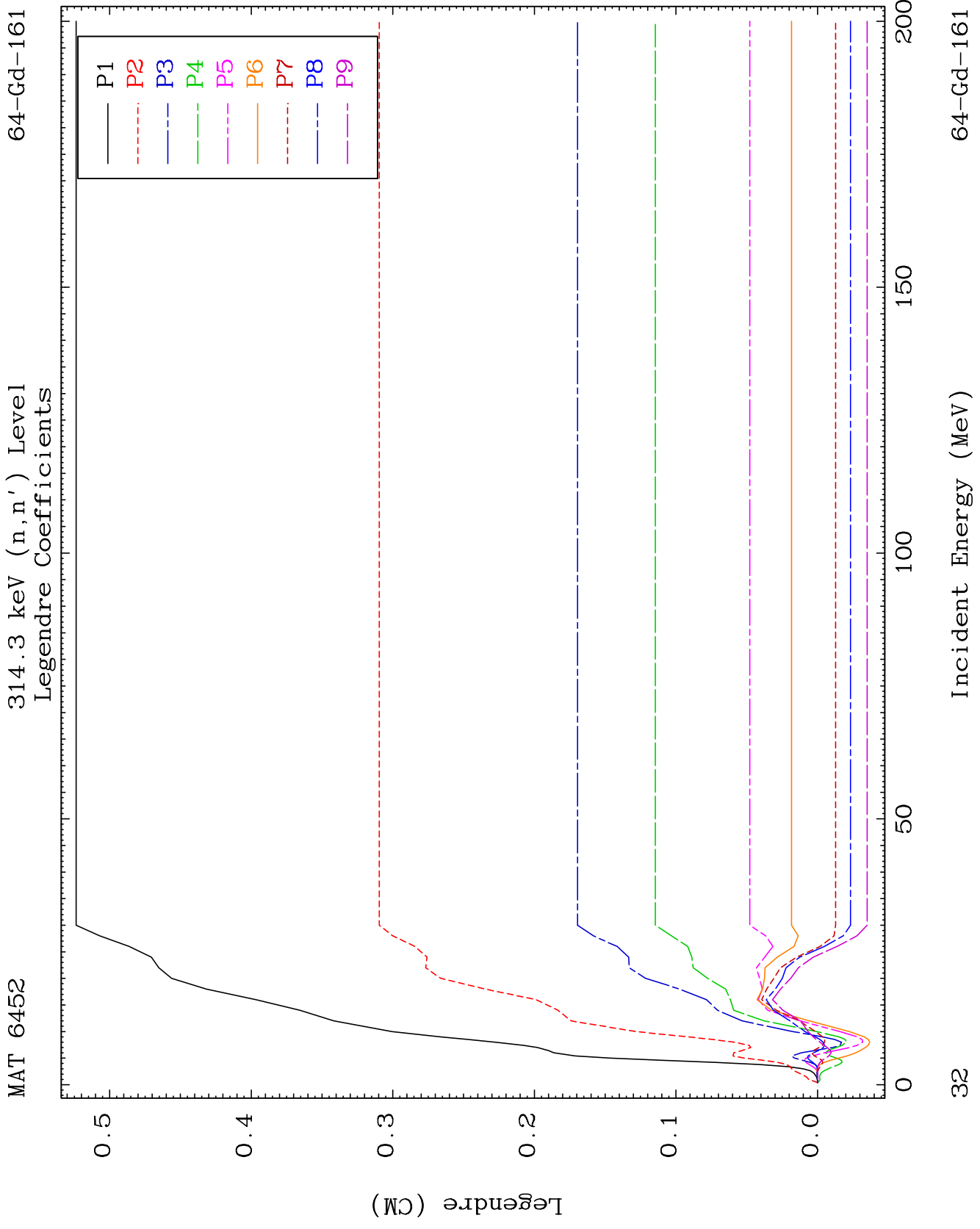


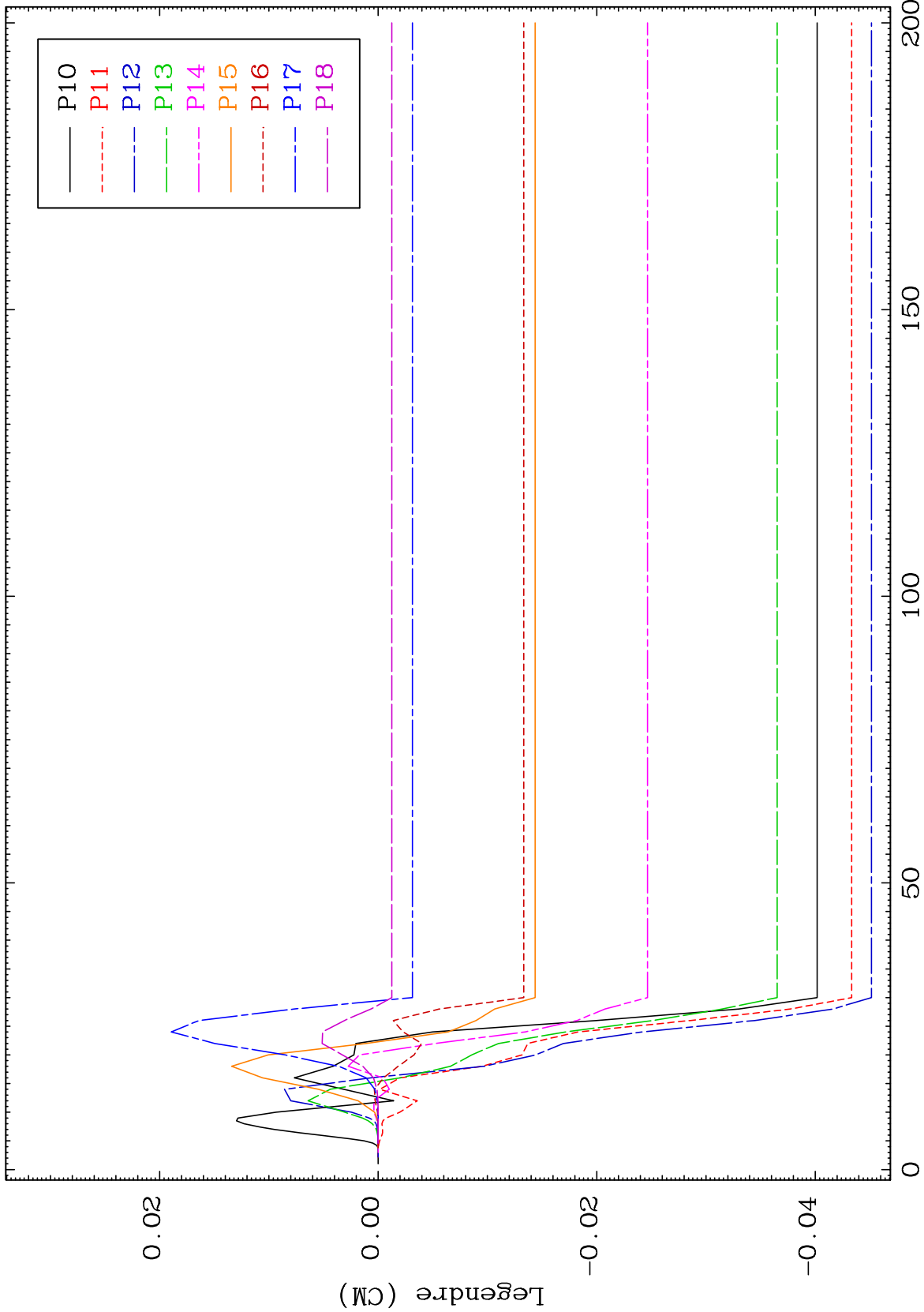
30

Incident Energy (MeV)

64-Gd-161



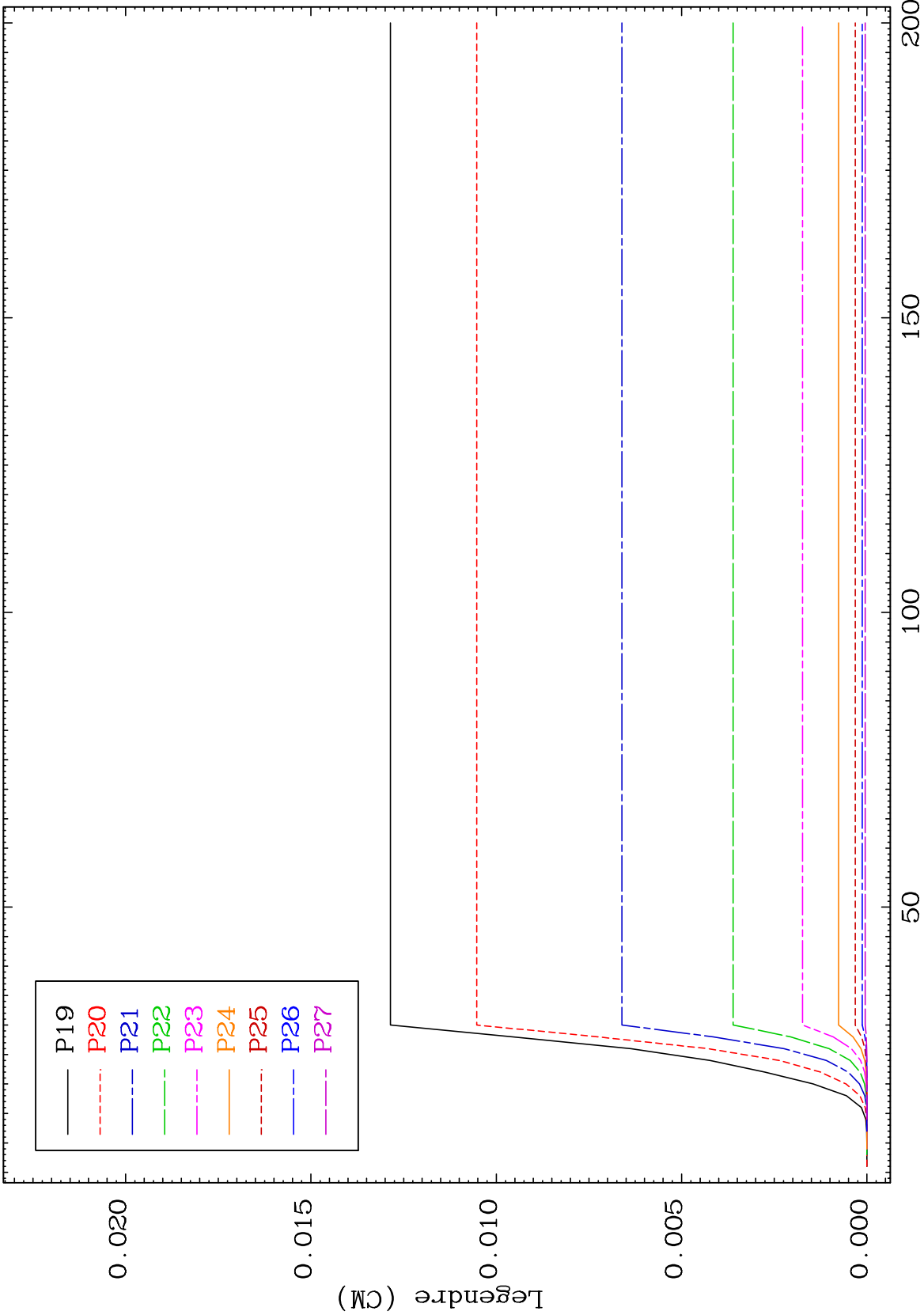




MAT 6452

314.3 keV (n,n') Level
Legendre Coefficients

64-Gd-161



34

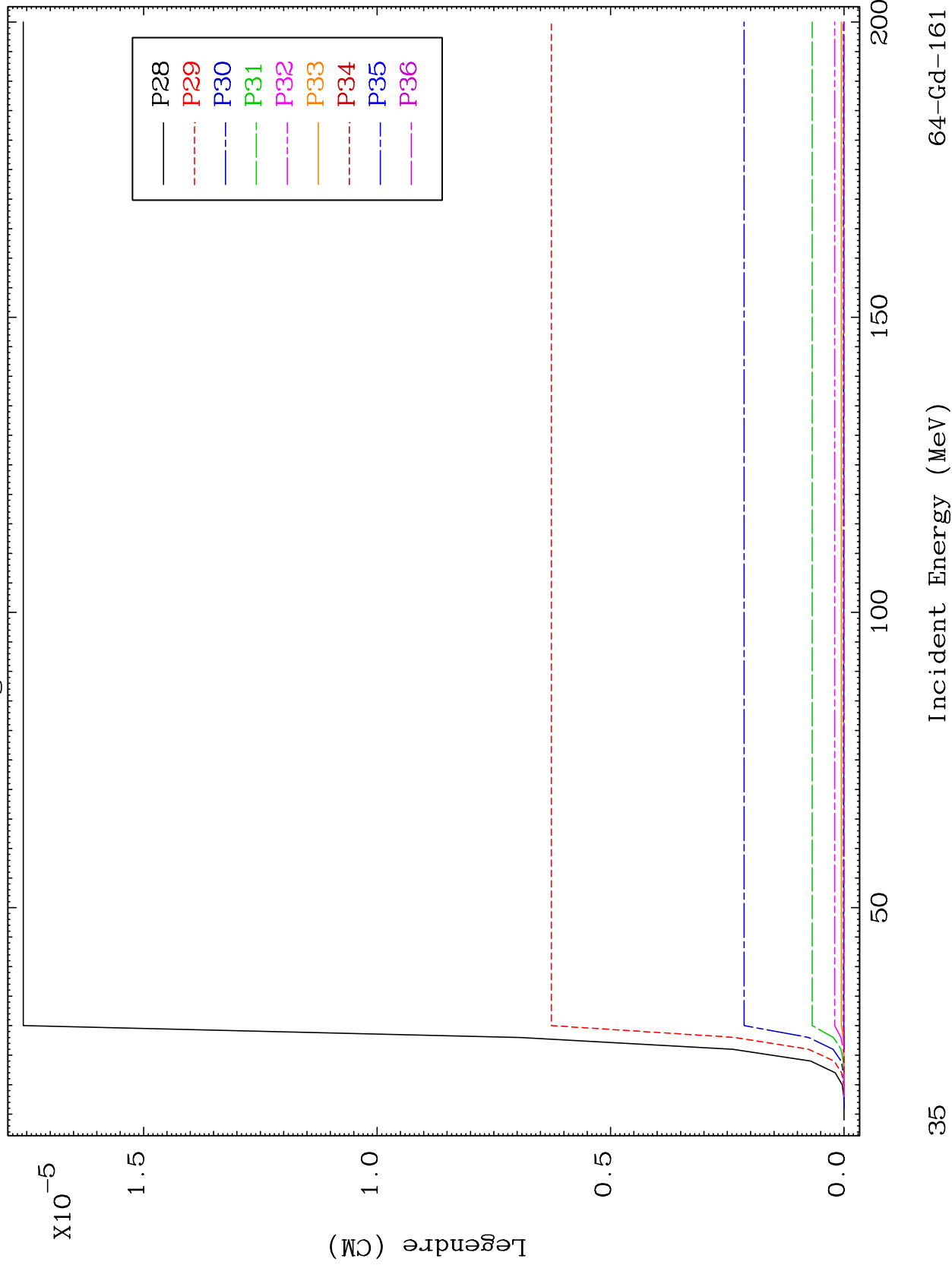
Incident Energy (MeV)

64-Gd-161

MAT 6452

314.3 keV (n,n') Level
Legendre Coefficients

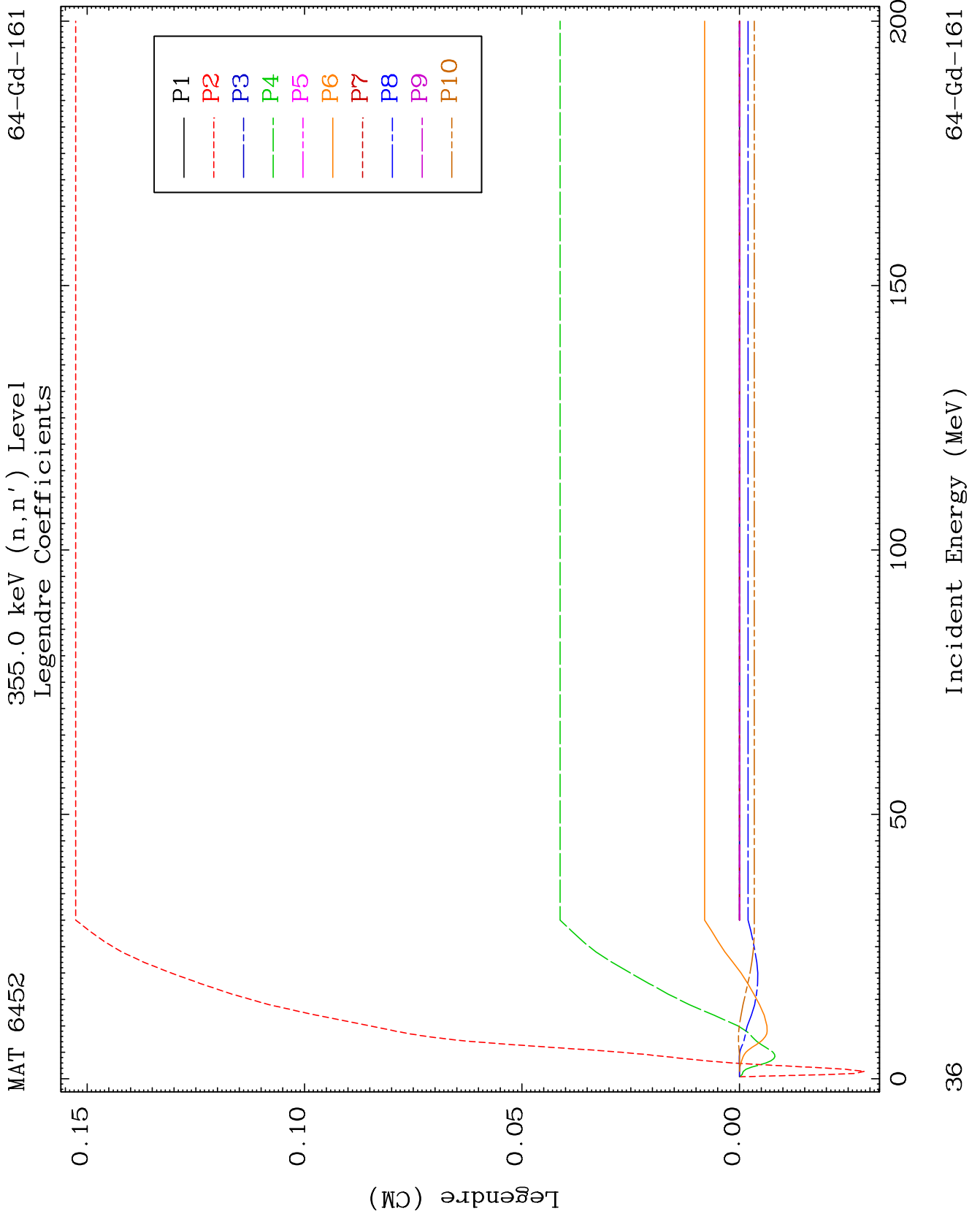
64-Gd-161



35

Incident Energy (MeV)

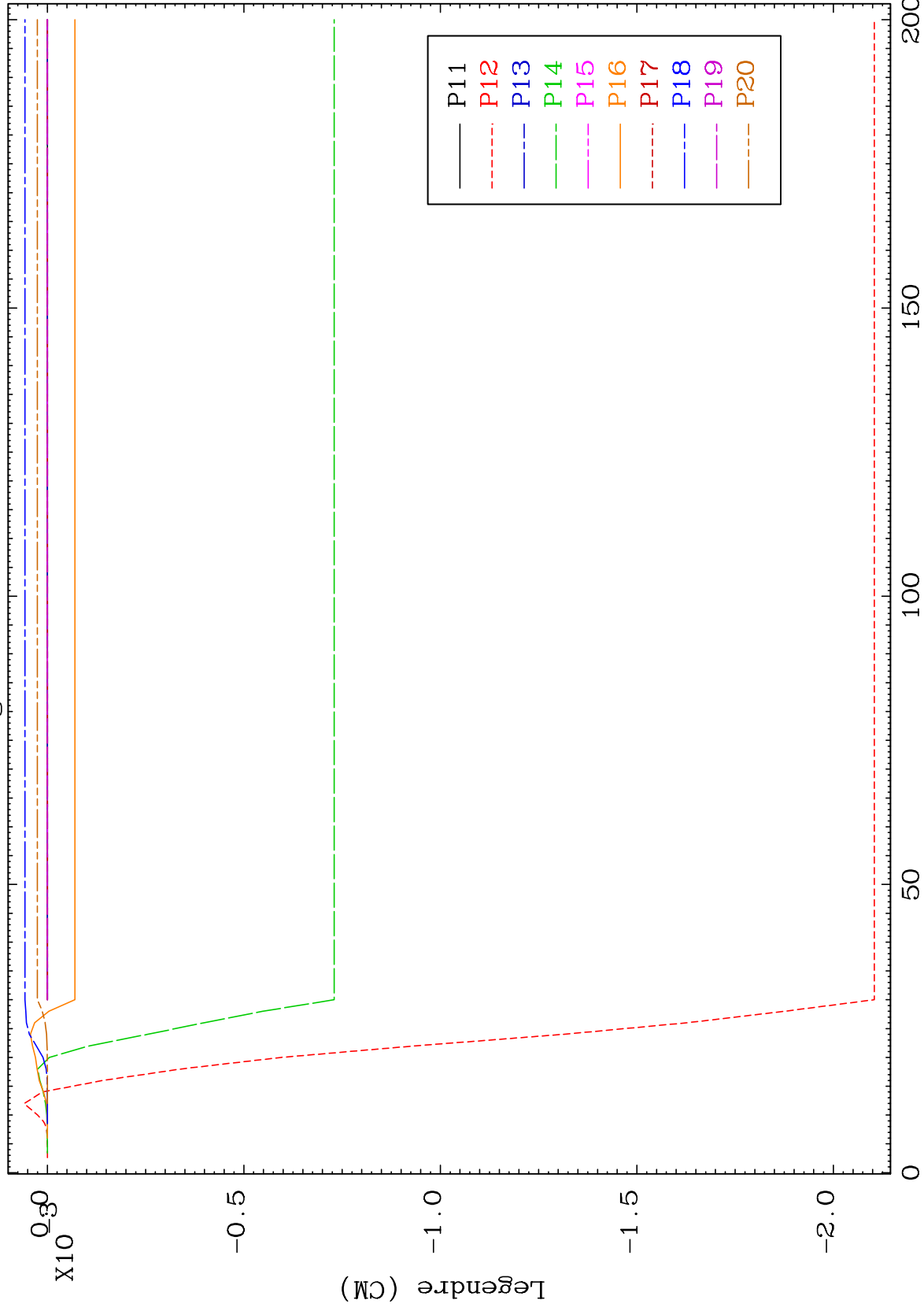
64-Gd-161



MAT 6452

355.0 keV (n,n') Level
Legendre Coefficients

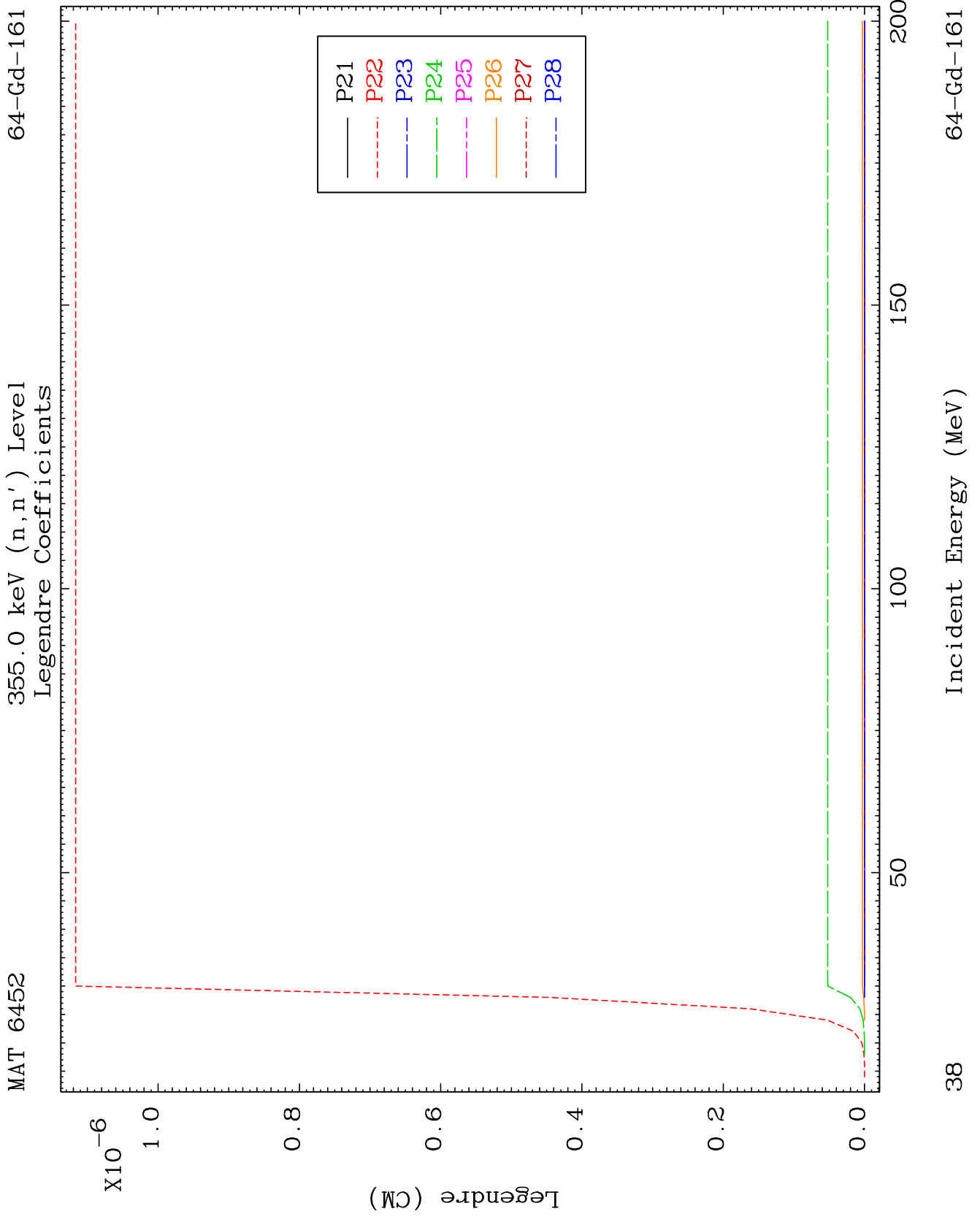
64-Gd-161



37

Incident Energy (MeV)

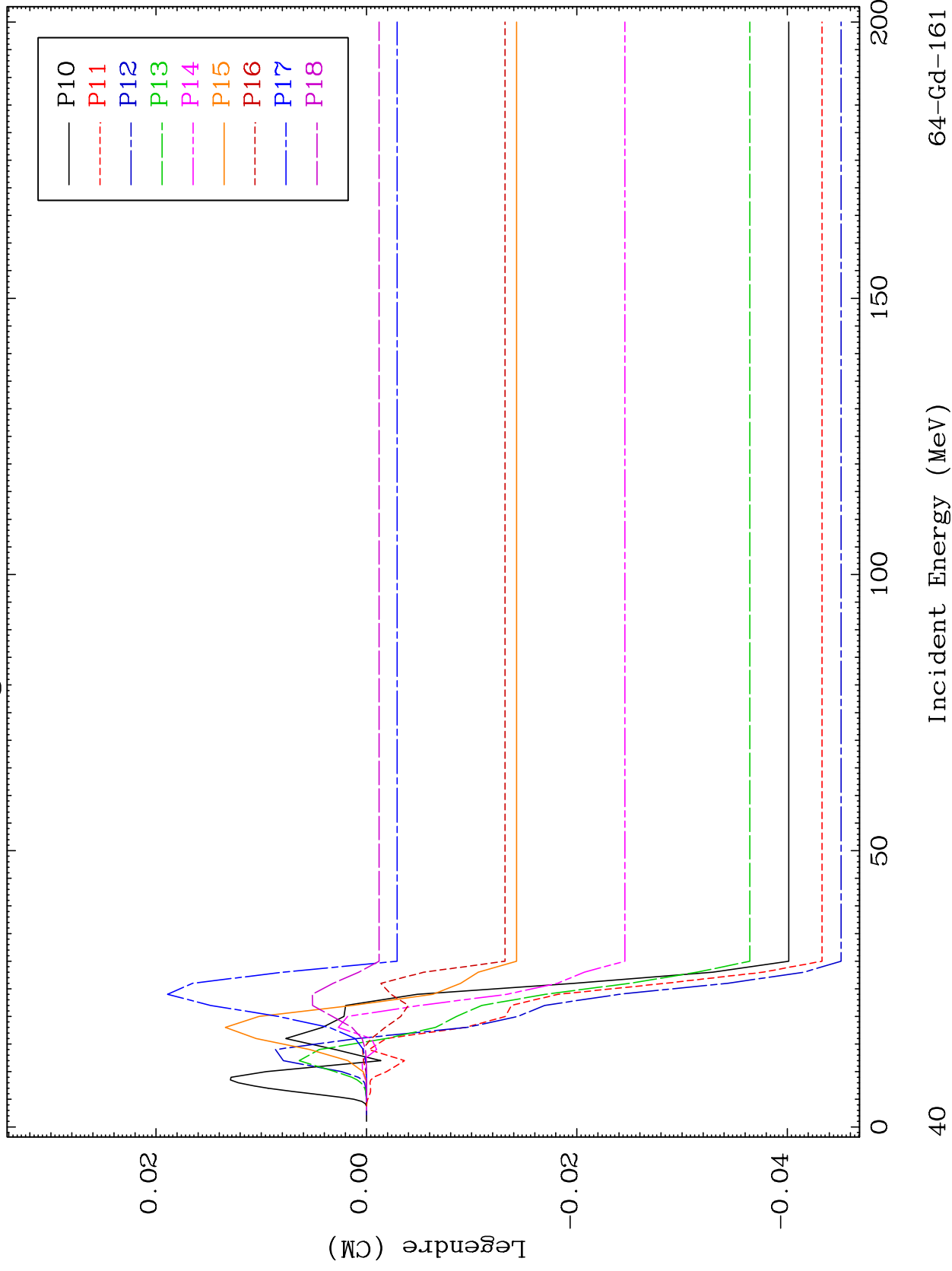
64-Gd-161



MAT 6452

394.7 keV (n,n') Level
Legendre Coefficients

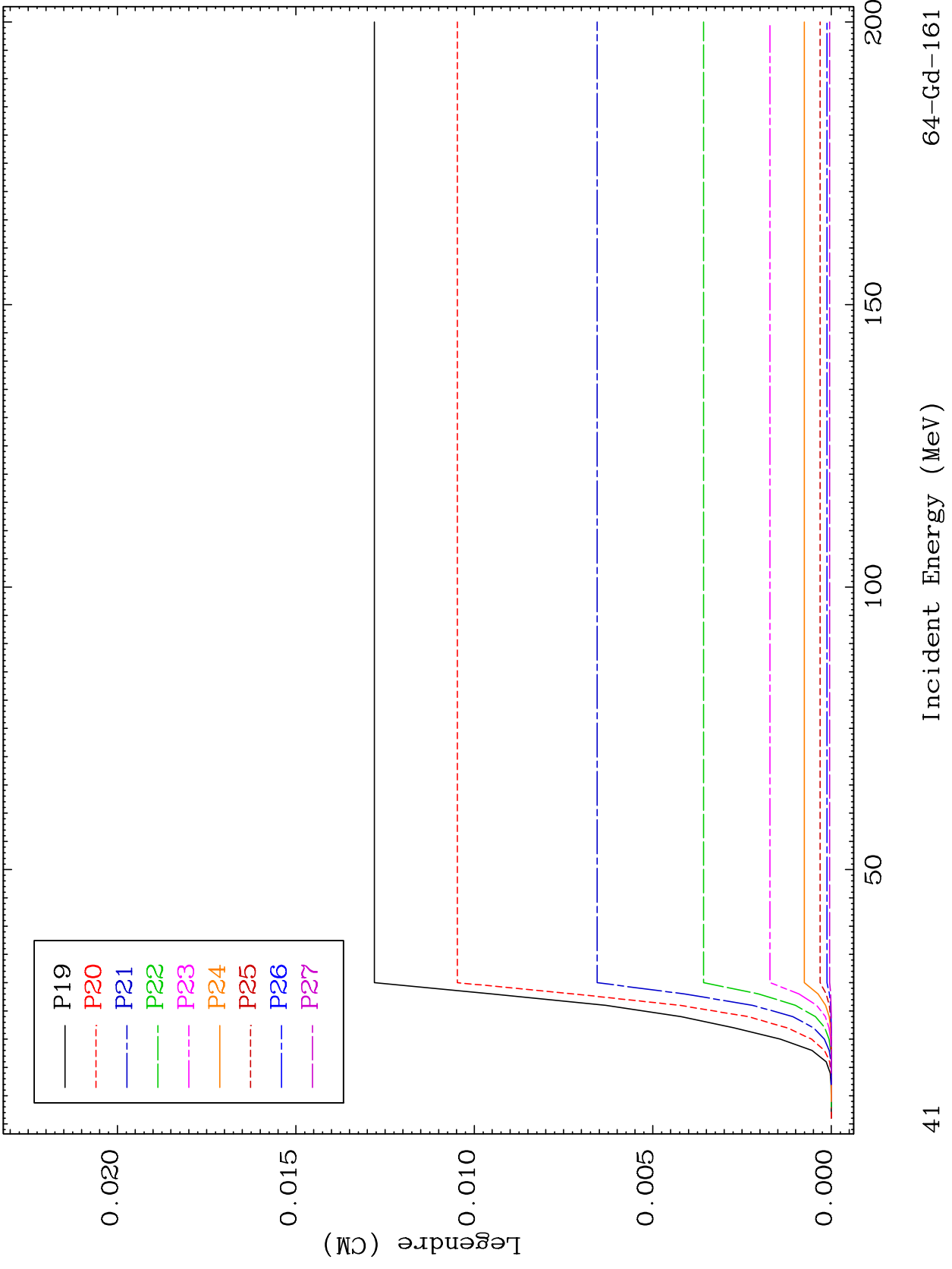
64-Gd-161



64-Gd-161

Incident Energy (MeV)

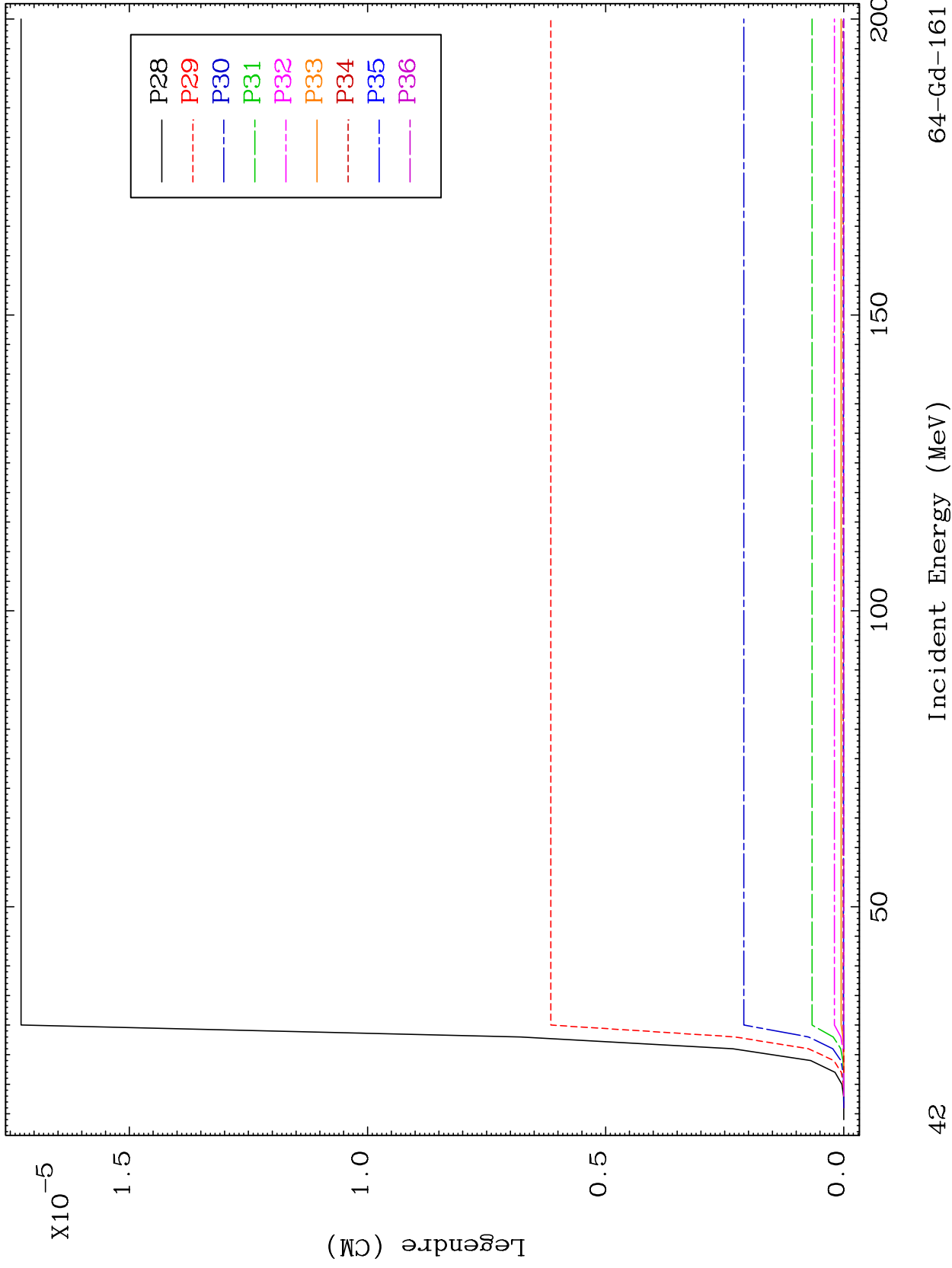
40



MAT 6452

394.7 keV (n,n') Level
Legendre Coefficients

64-Gd-161



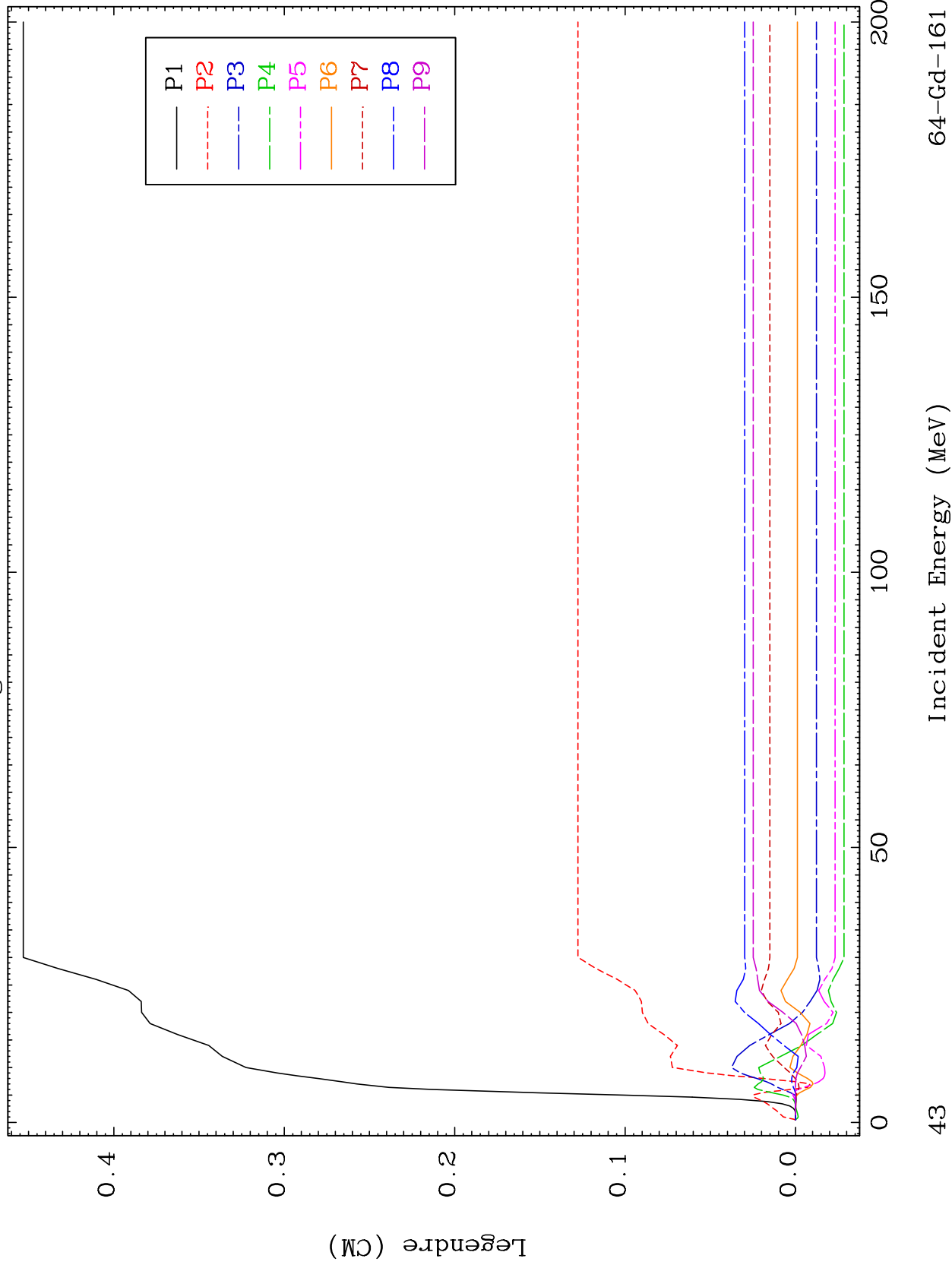
42

64-Gd-161

MAT 6452

438.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

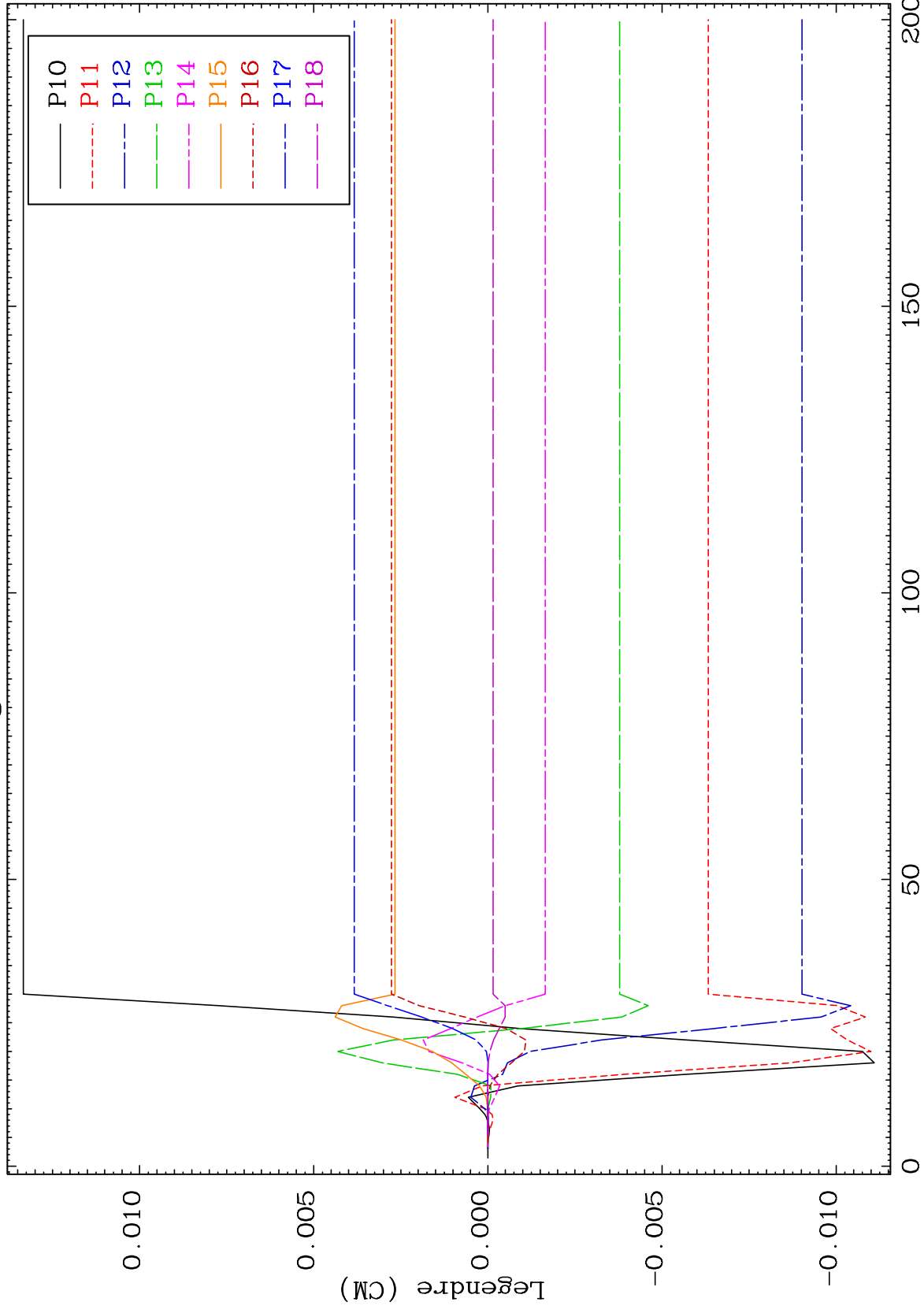
Incident Energy (MeV)

43

MAT 6452

438.0 keV (n,n') Level
Legendre Coefficients

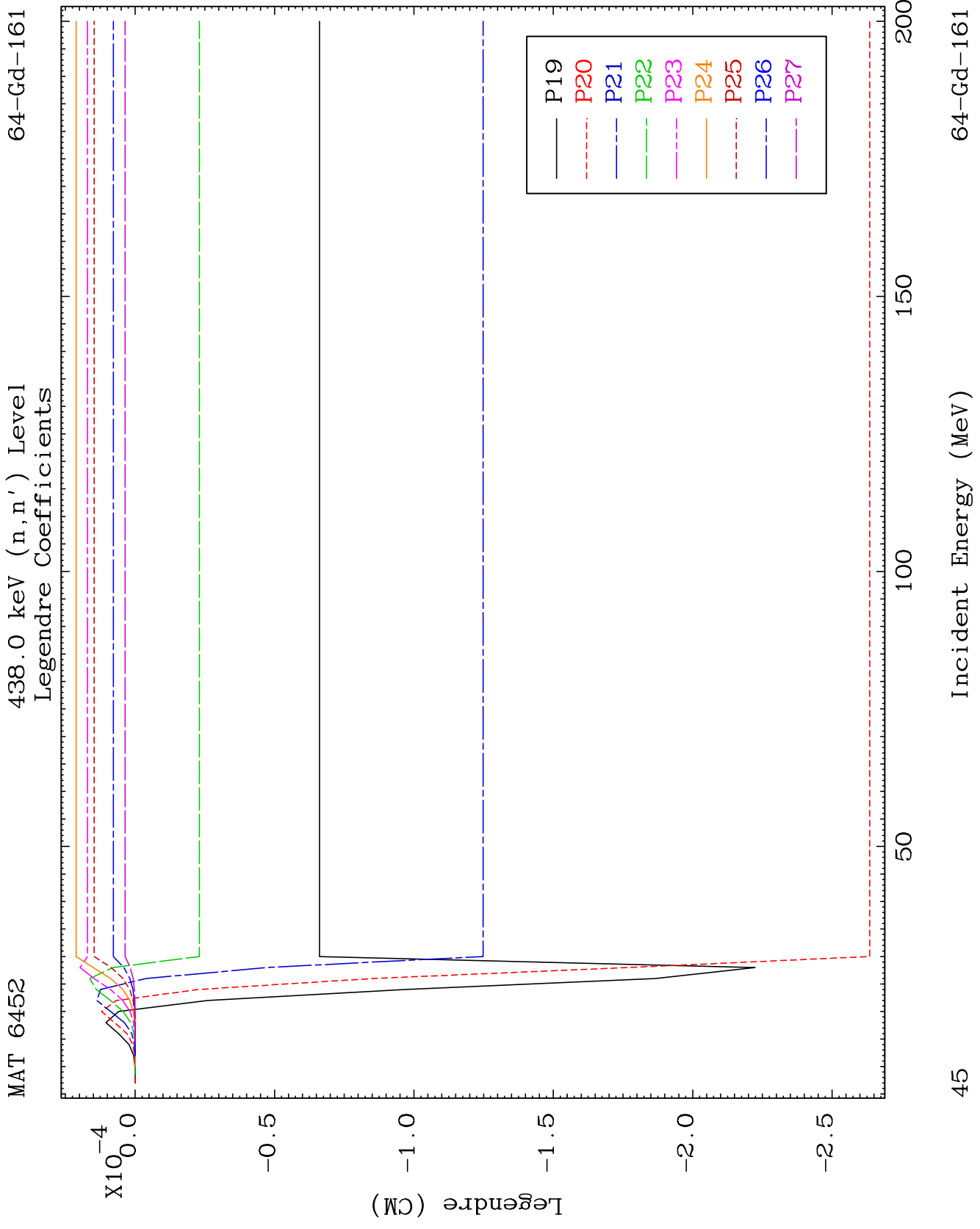
64-Gd-161



44

Incident Energy (MeV)

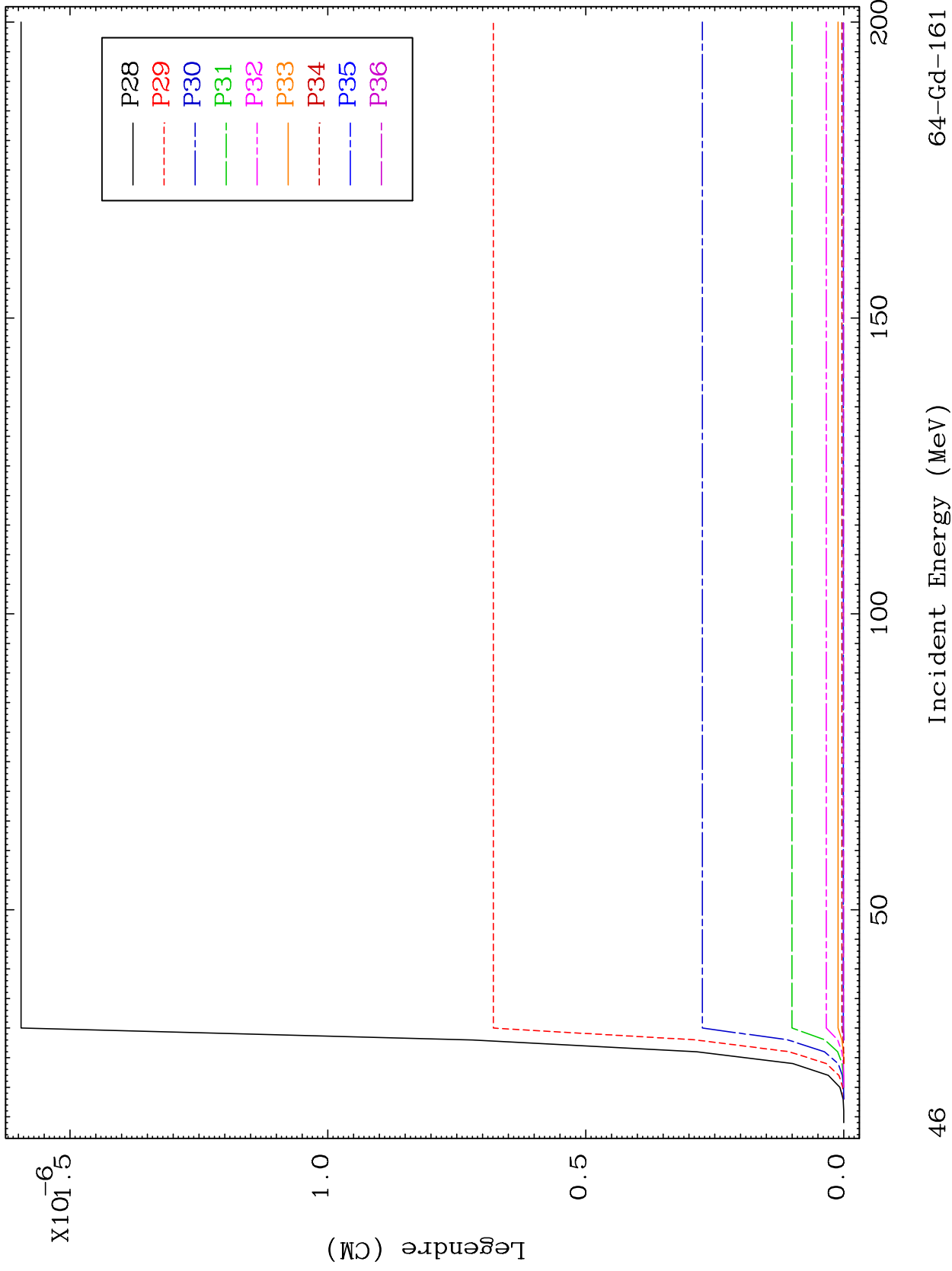
64-Gd-161



MAT 6452

438.0 keV (n,n') Level
Legendre Coefficients

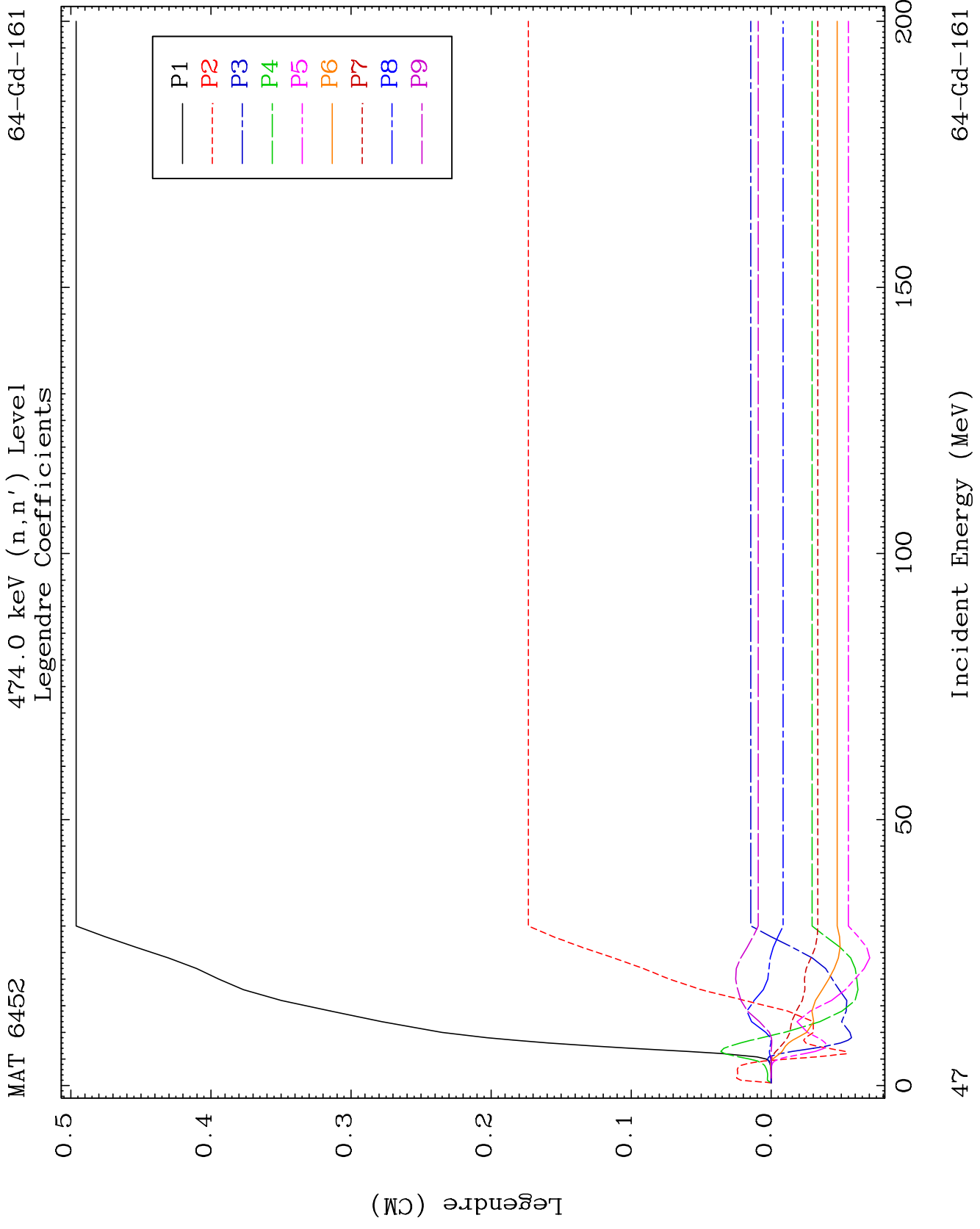
64-Gd-161



46

Incident Energy (MeV)

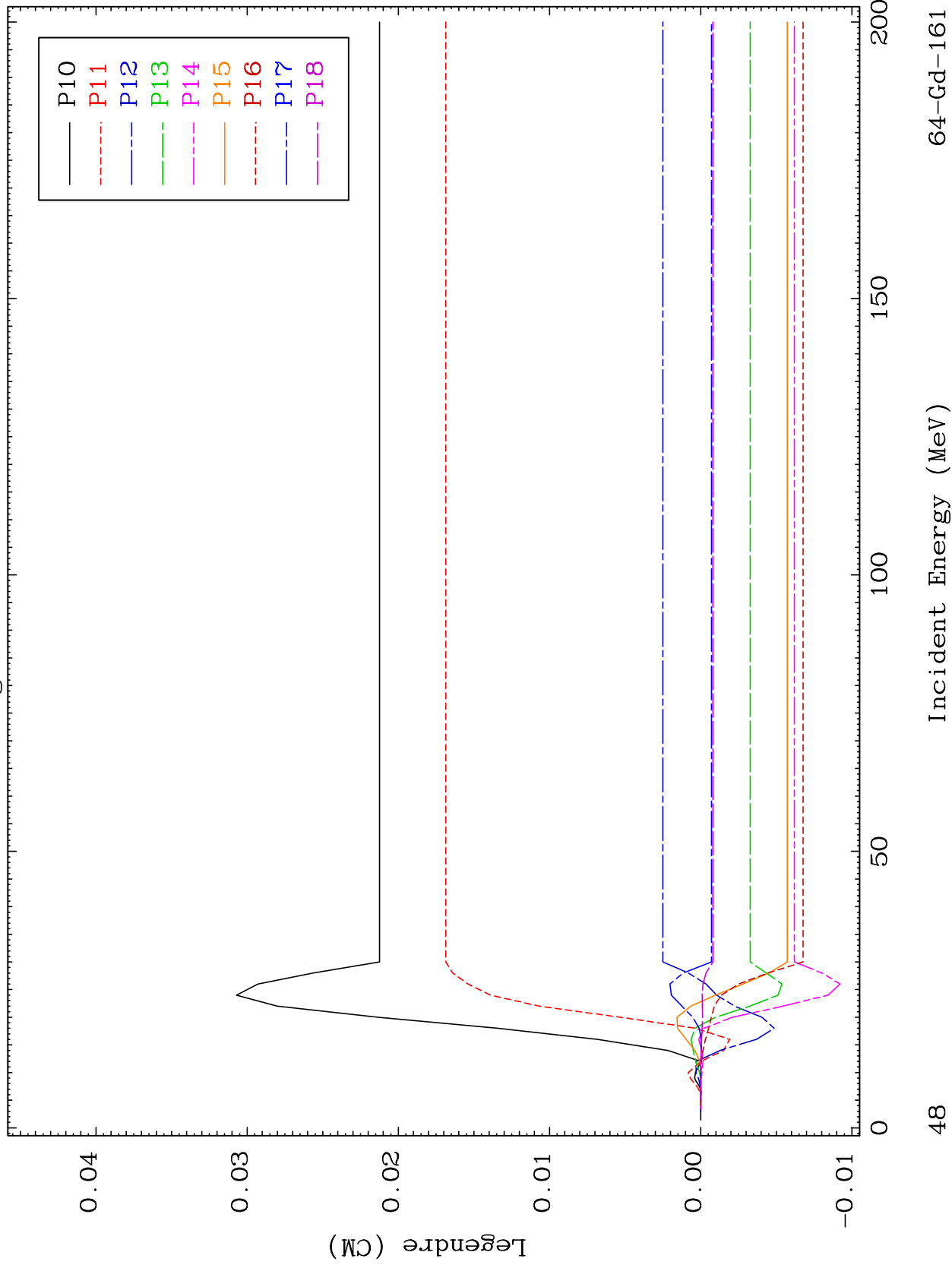
64-Gd-161



MAT 6452

474.0 keV (n,n') Level
Legendre Coefficients

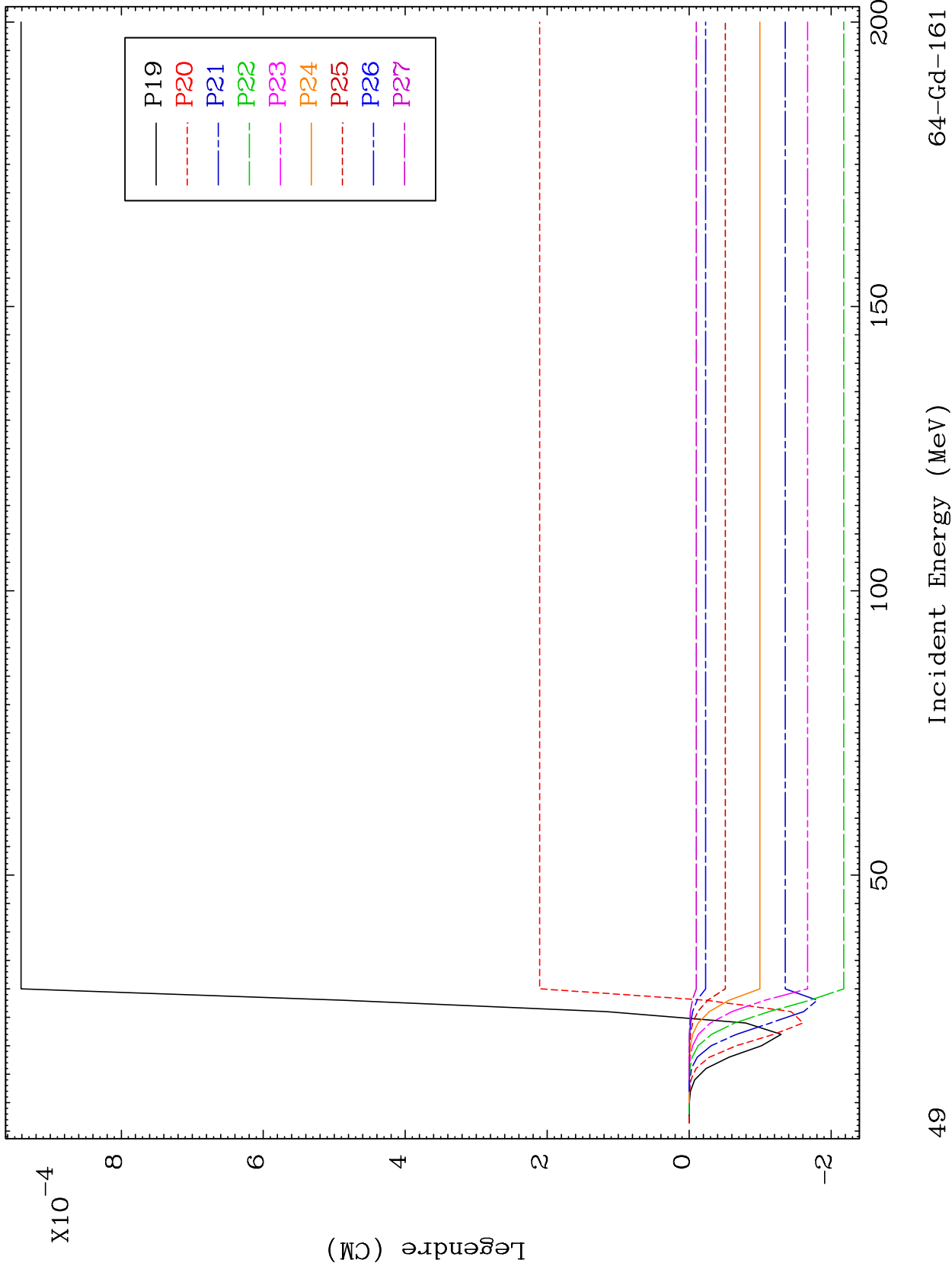
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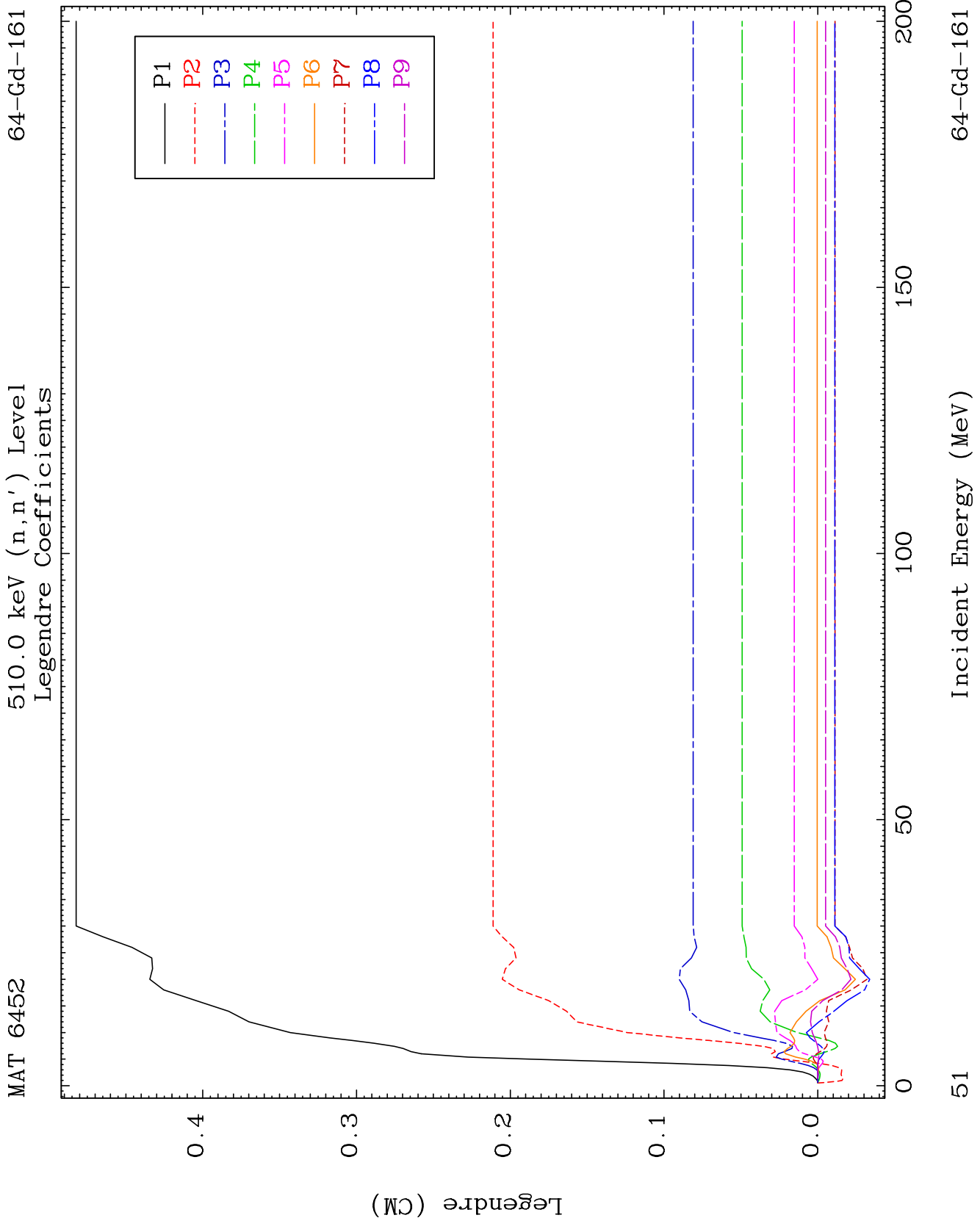


64-Gd-161

Incident Energy (MeV)

48

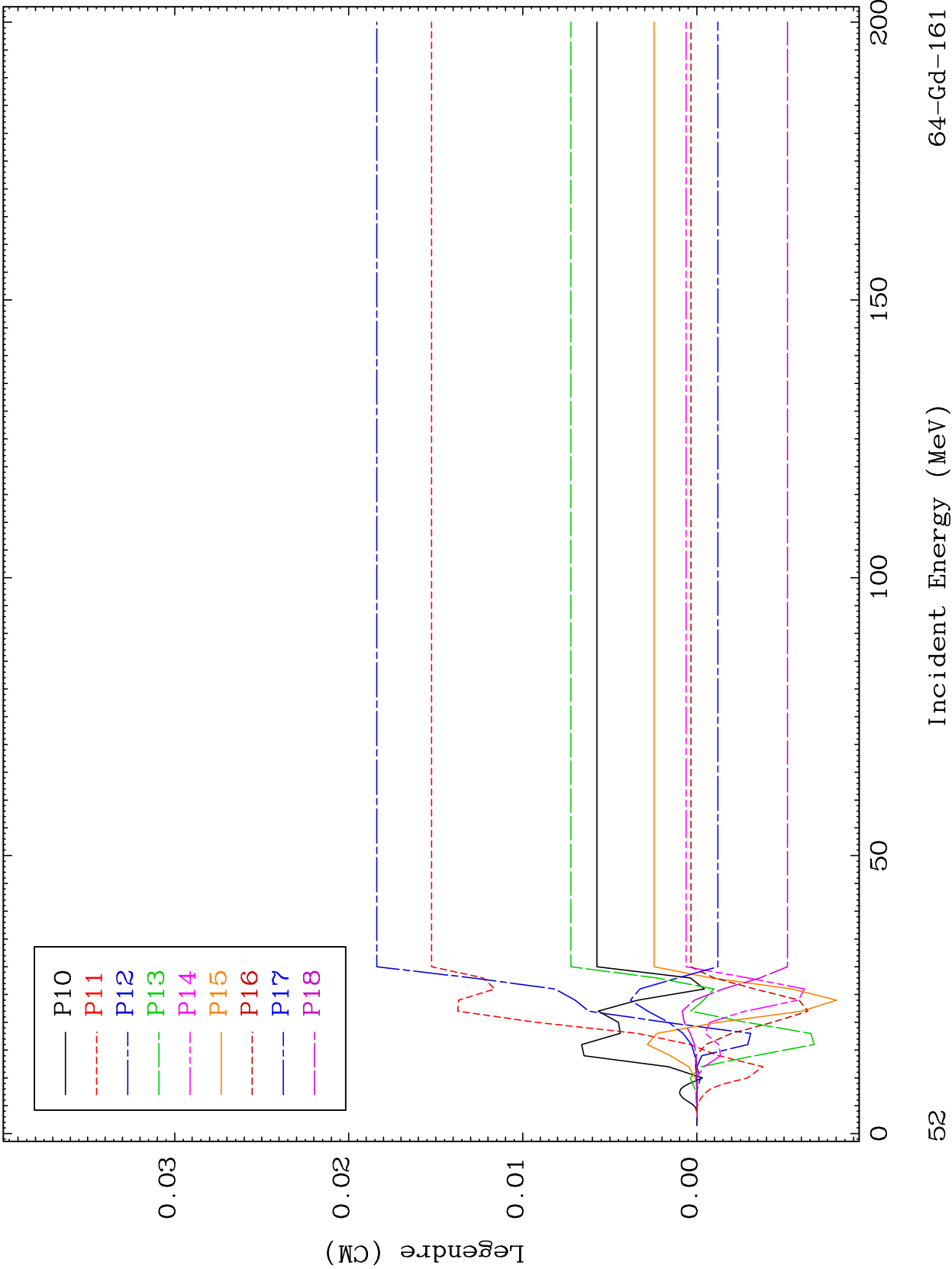




MAT 6452

510.0 keV (n, n') Level
Legendre Coefficients

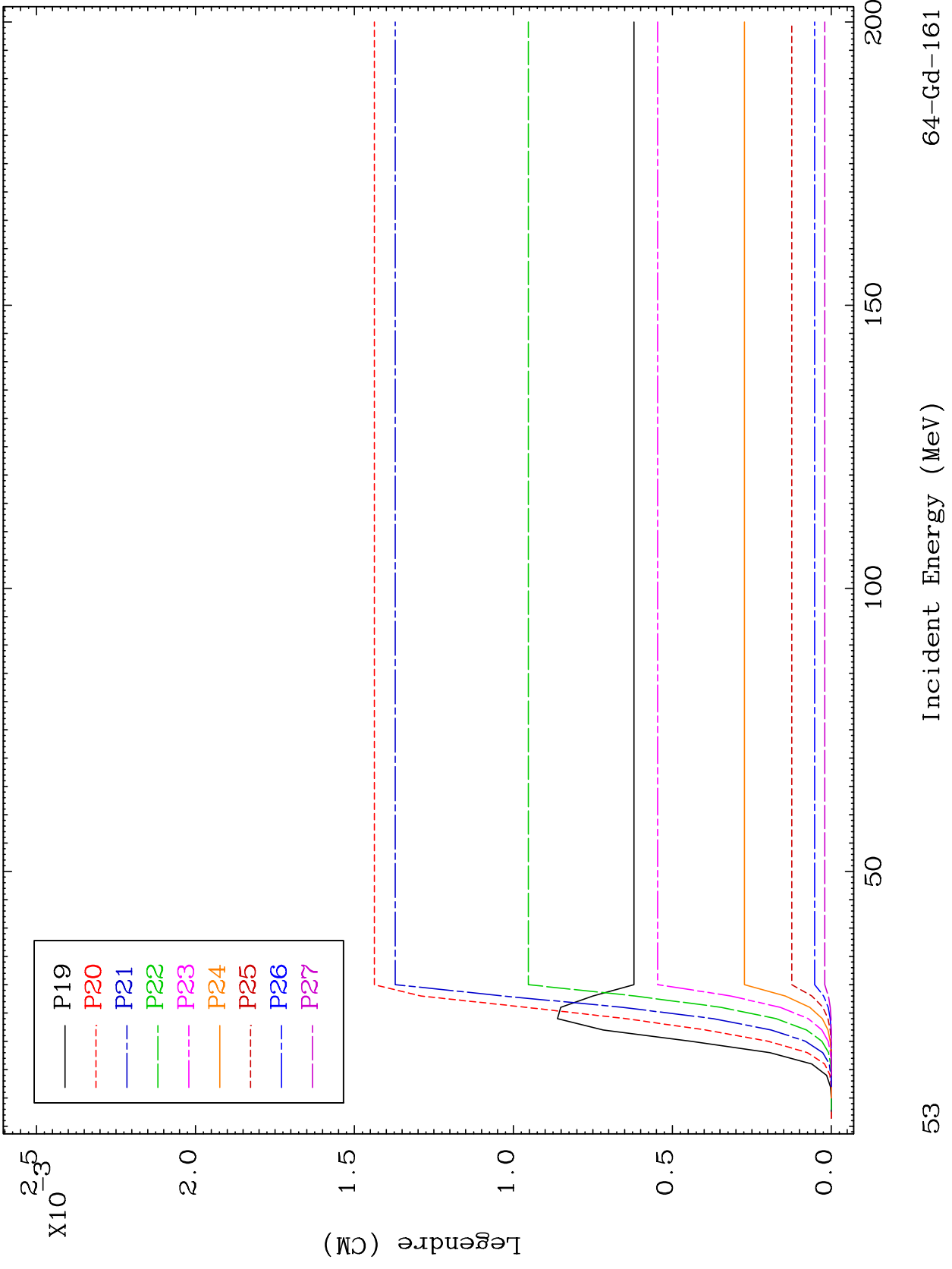
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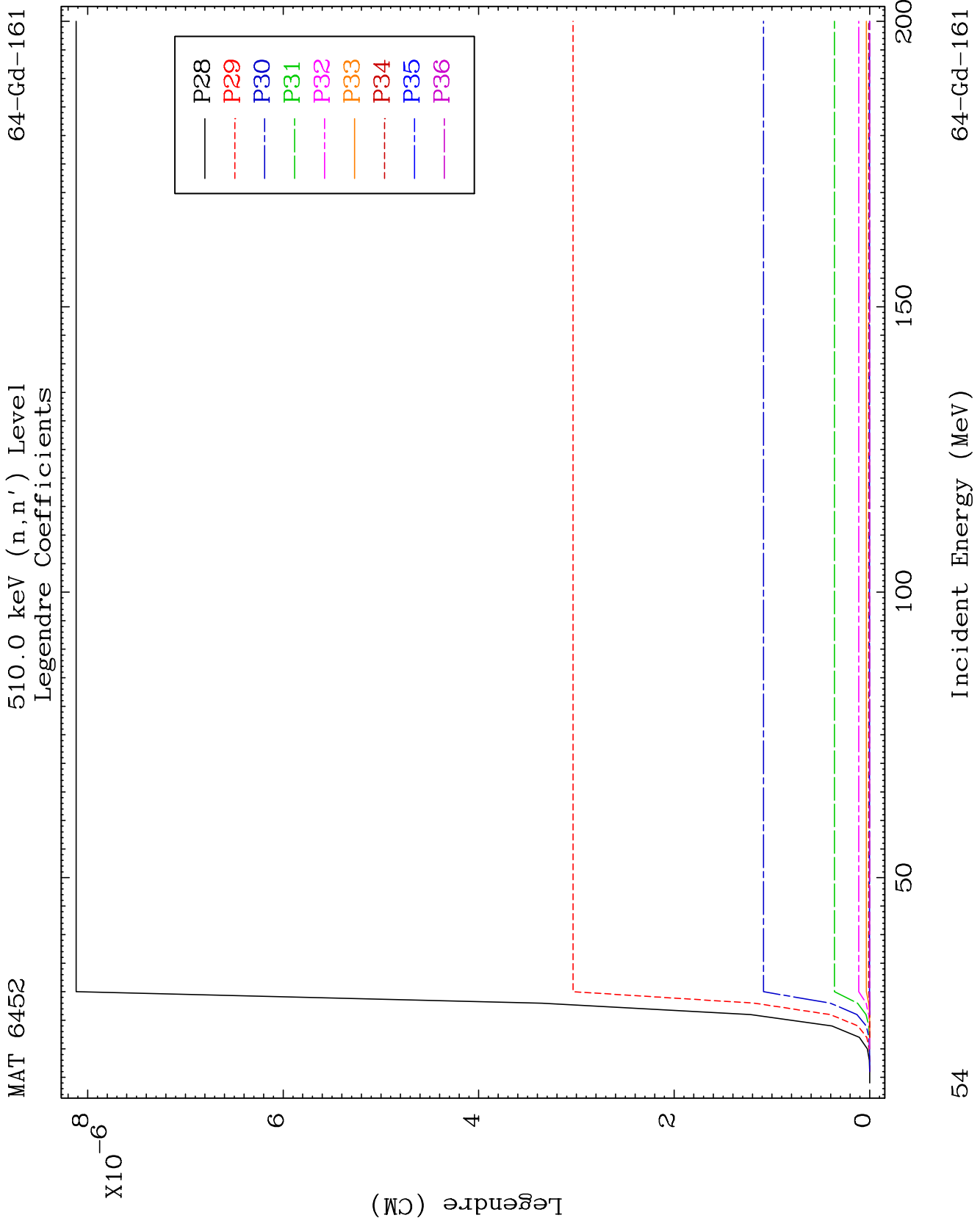


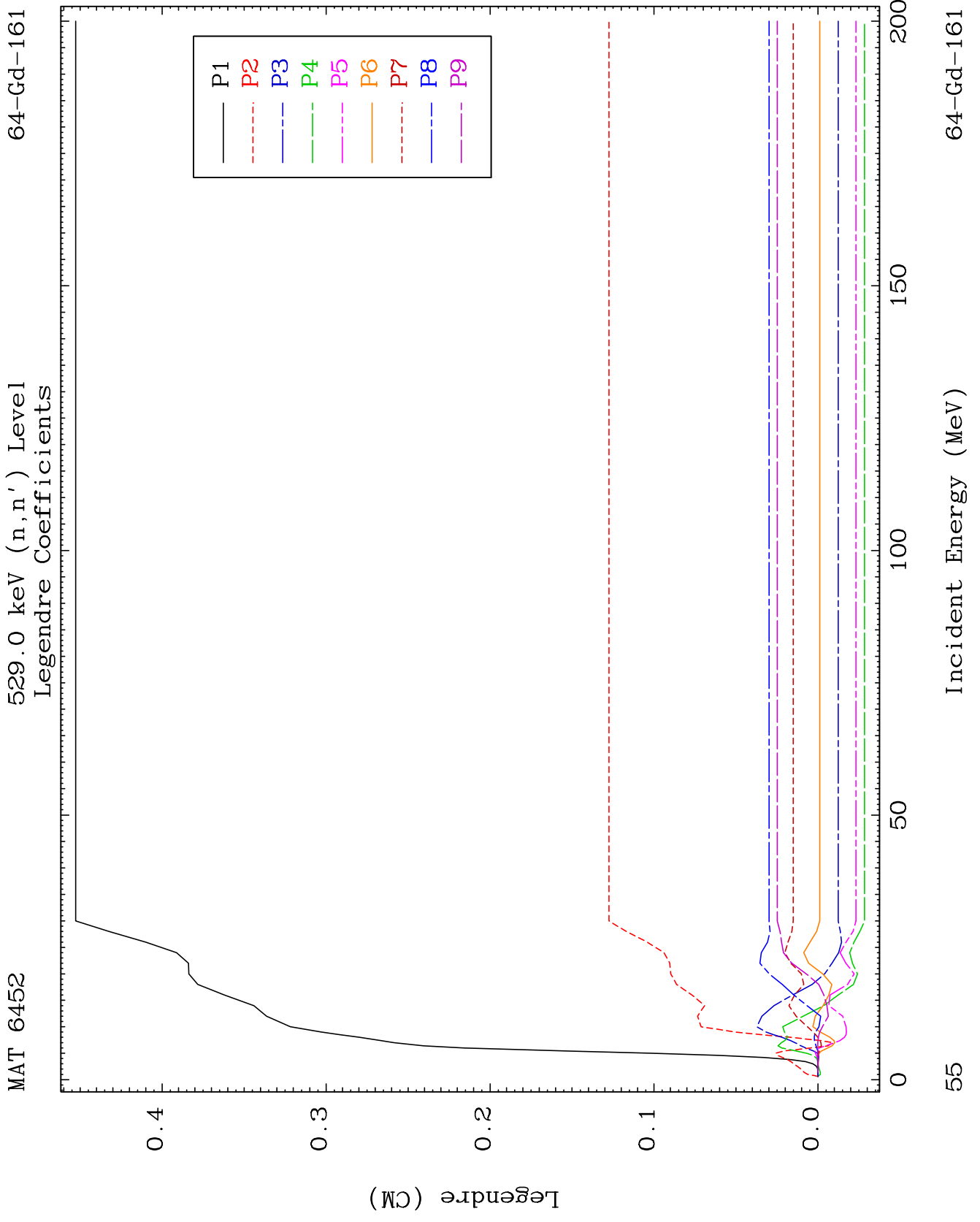
52

Incident Energy (MeV)

64-Gd-161



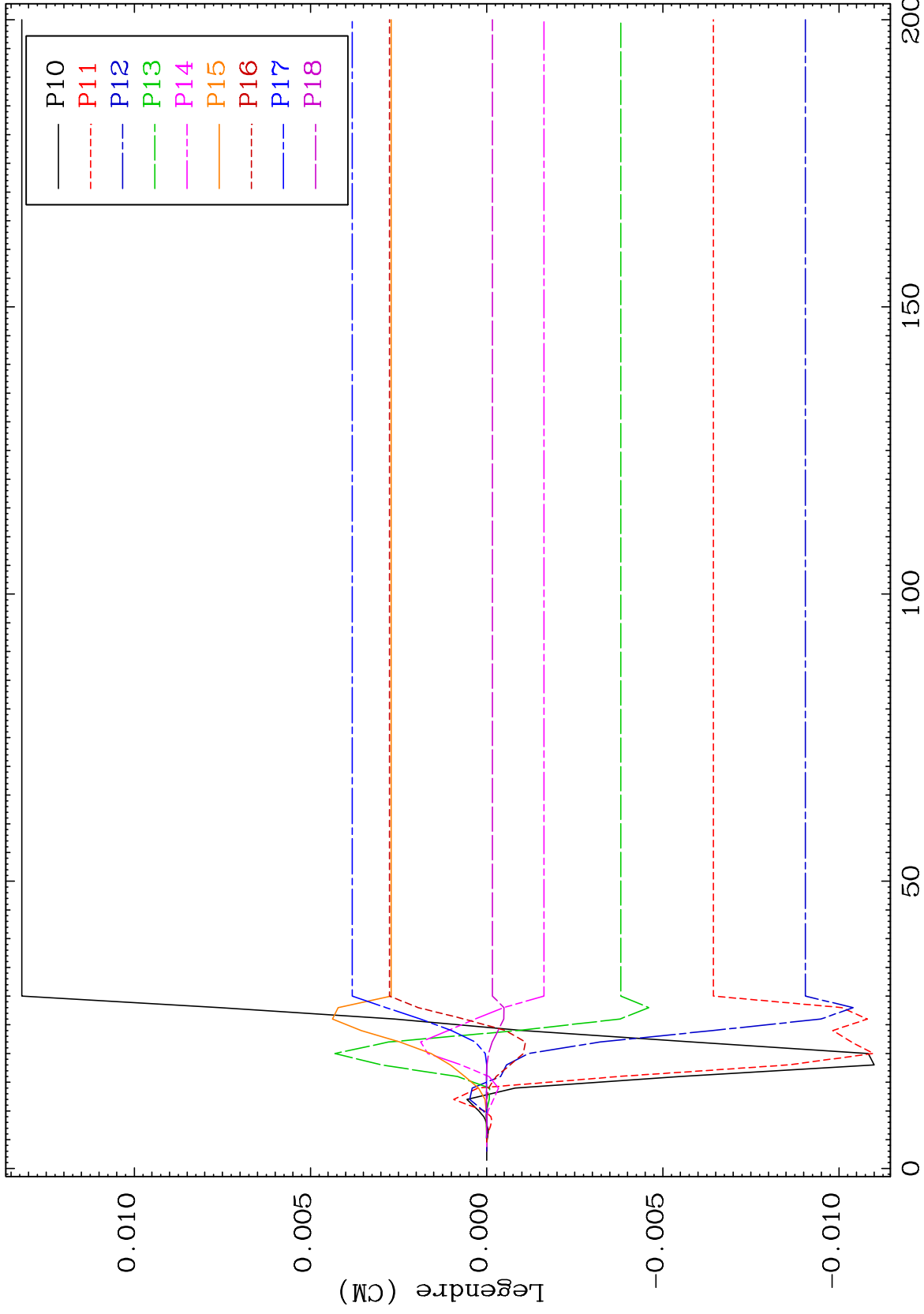




MAT 6452

529.0 keV (n,n') Level
Legendre Coefficients

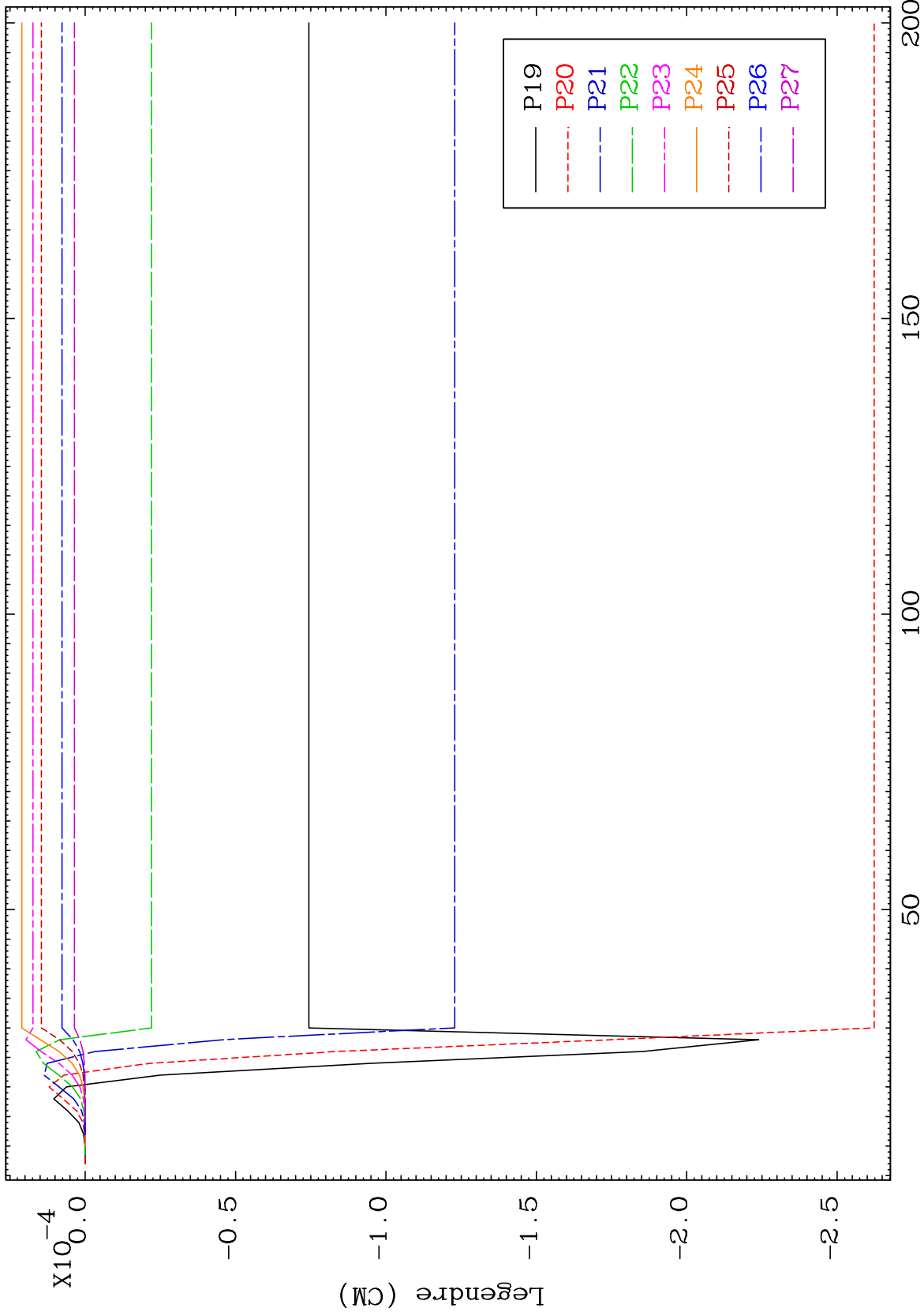
64-Gd-161



56

Incident Energy (MeV)

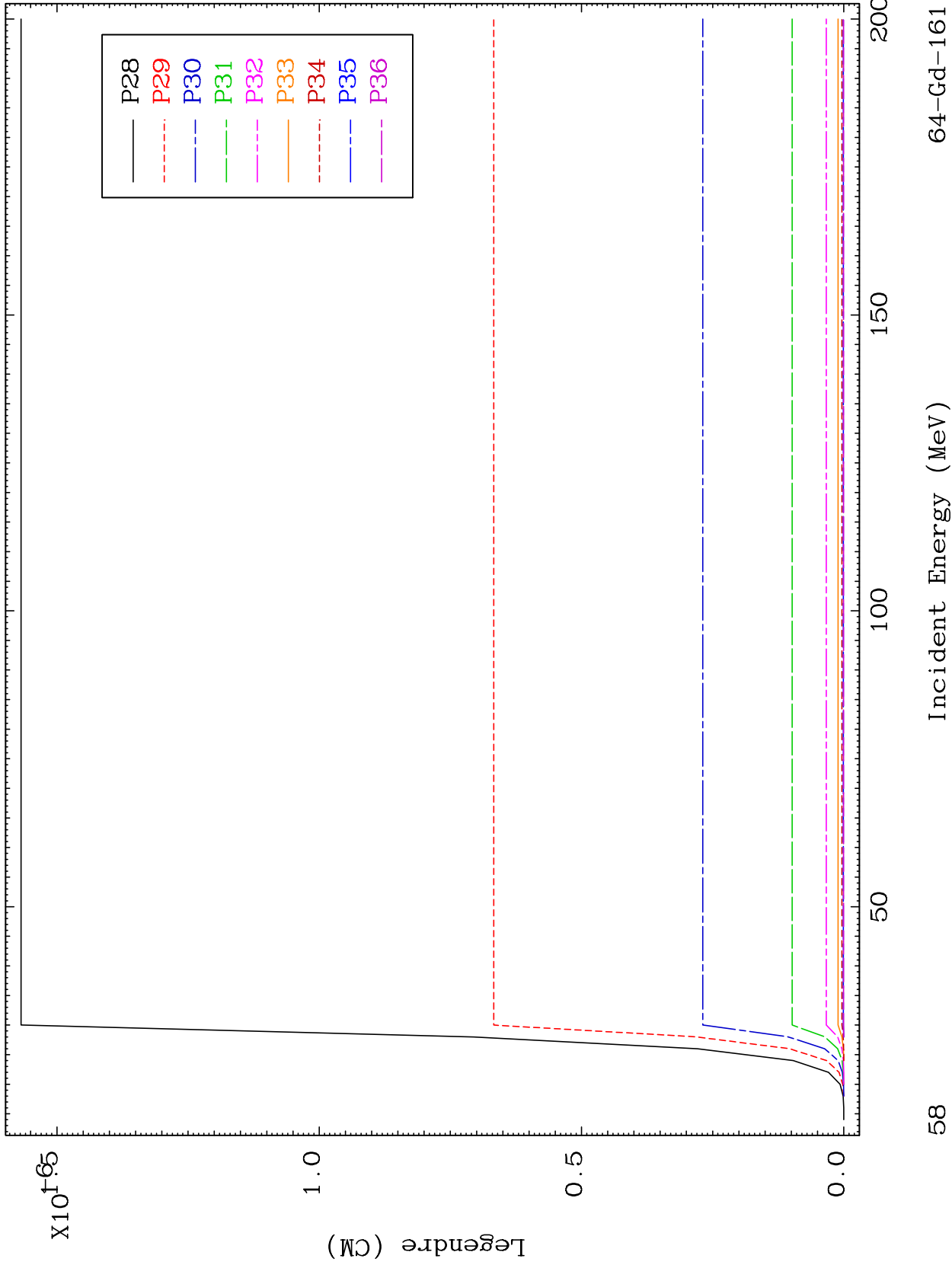
64-Gd-161



MAT 6452

529.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

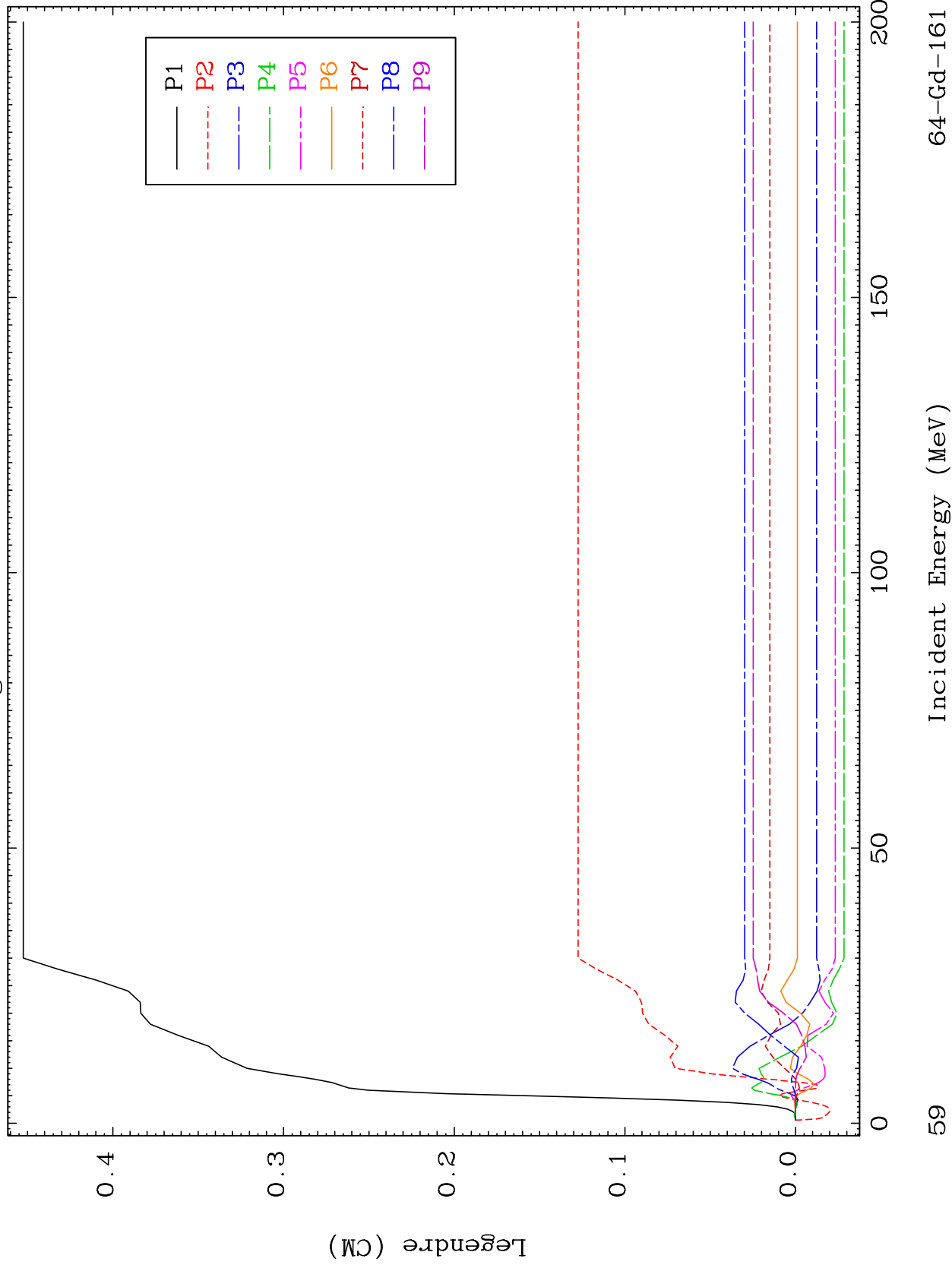
Incident Energy (MeV)

58

MAT 6452

585.0 keV (n,n') Level
Legendre Coefficients

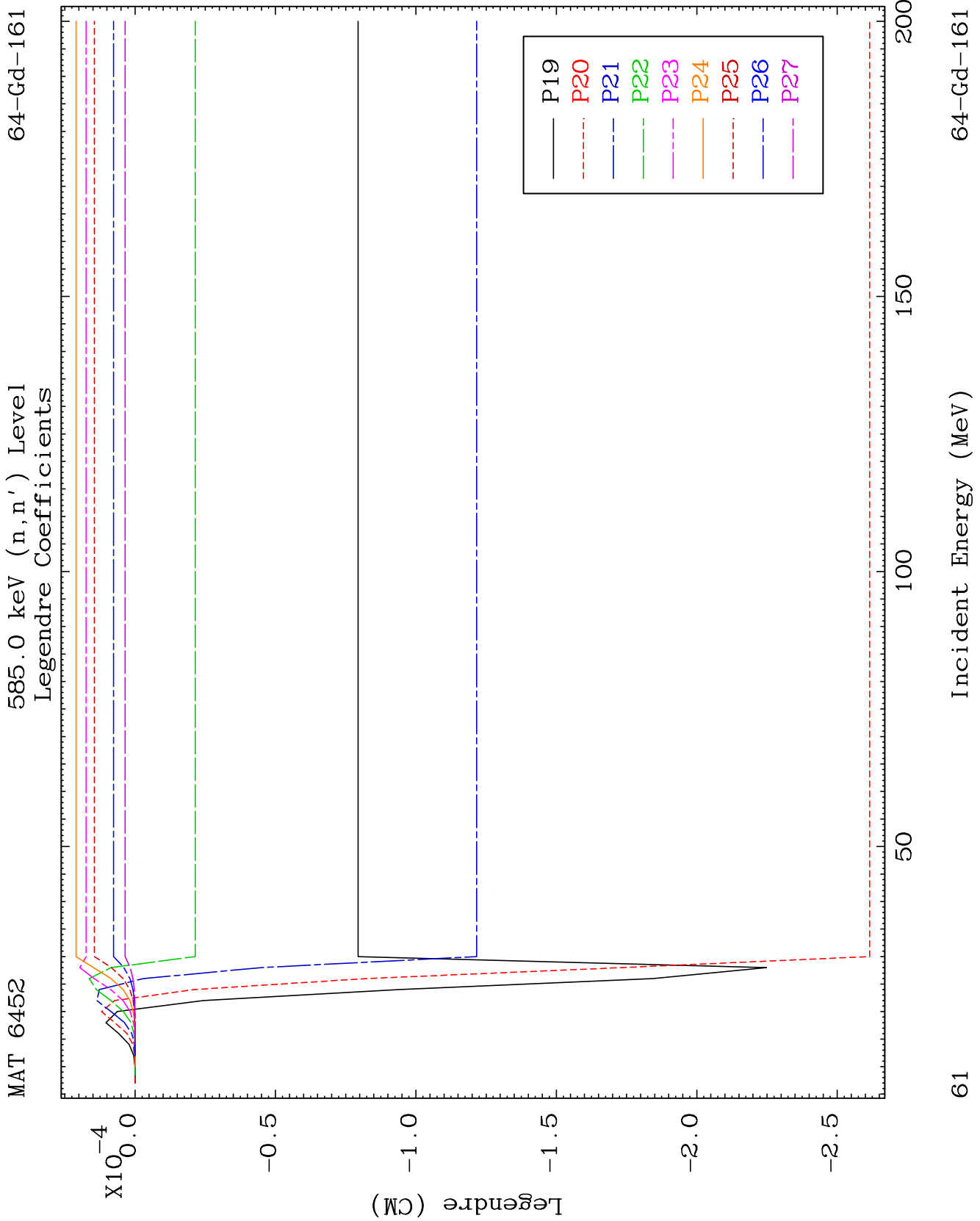
64-Gd-161



64-Gd-161

Incident Energy (MeV)

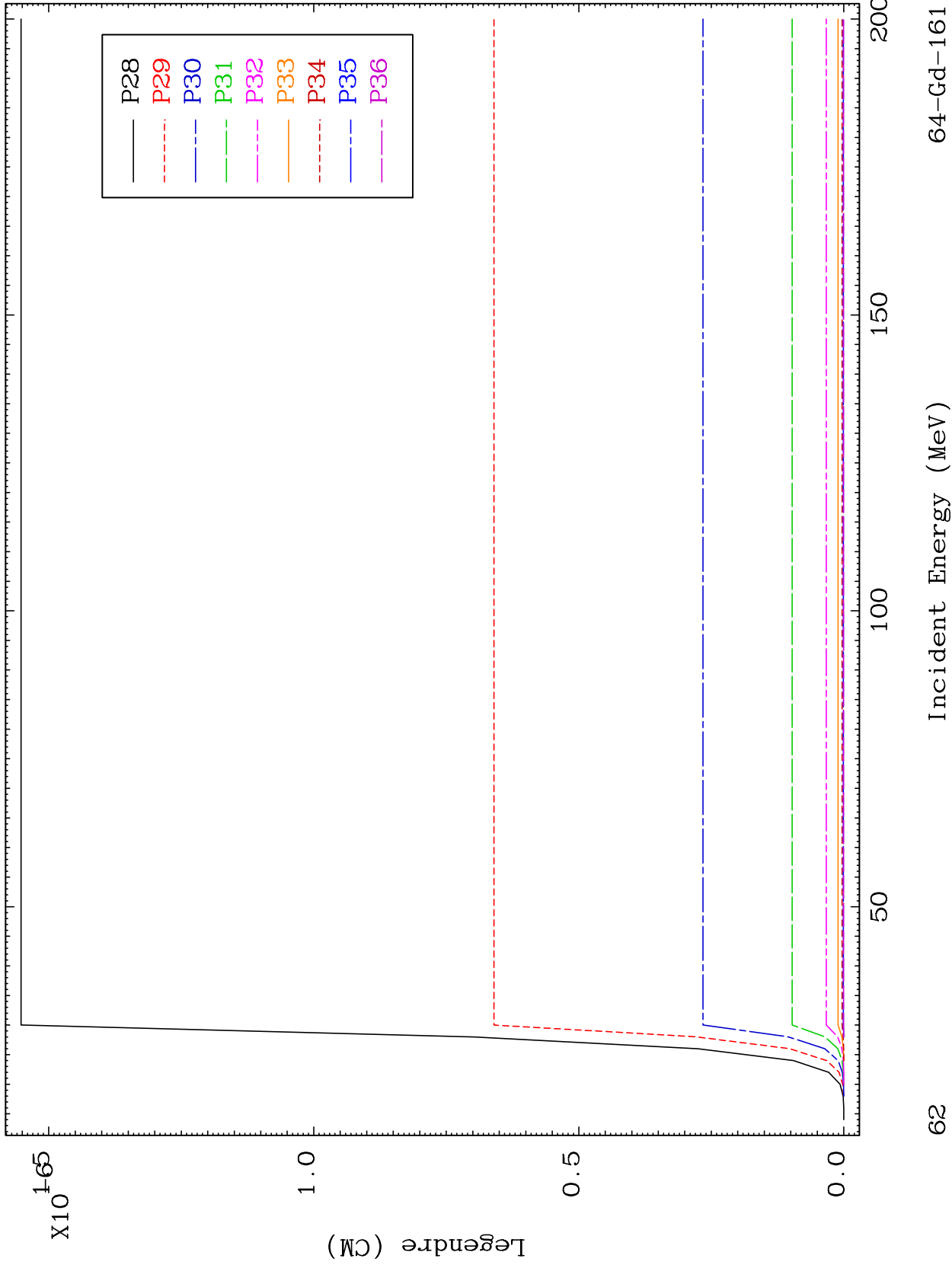
59



MAT 6452

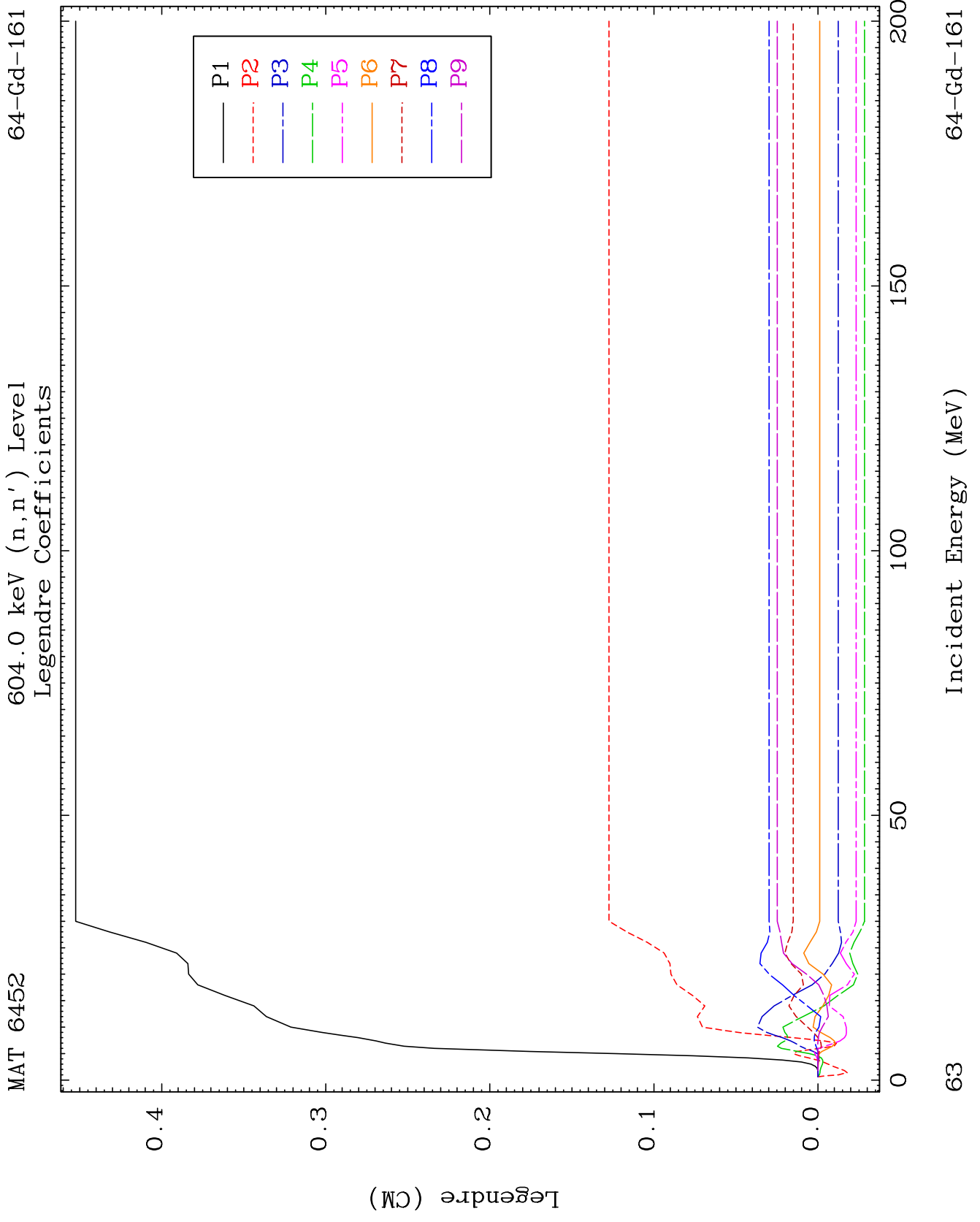
585.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



62

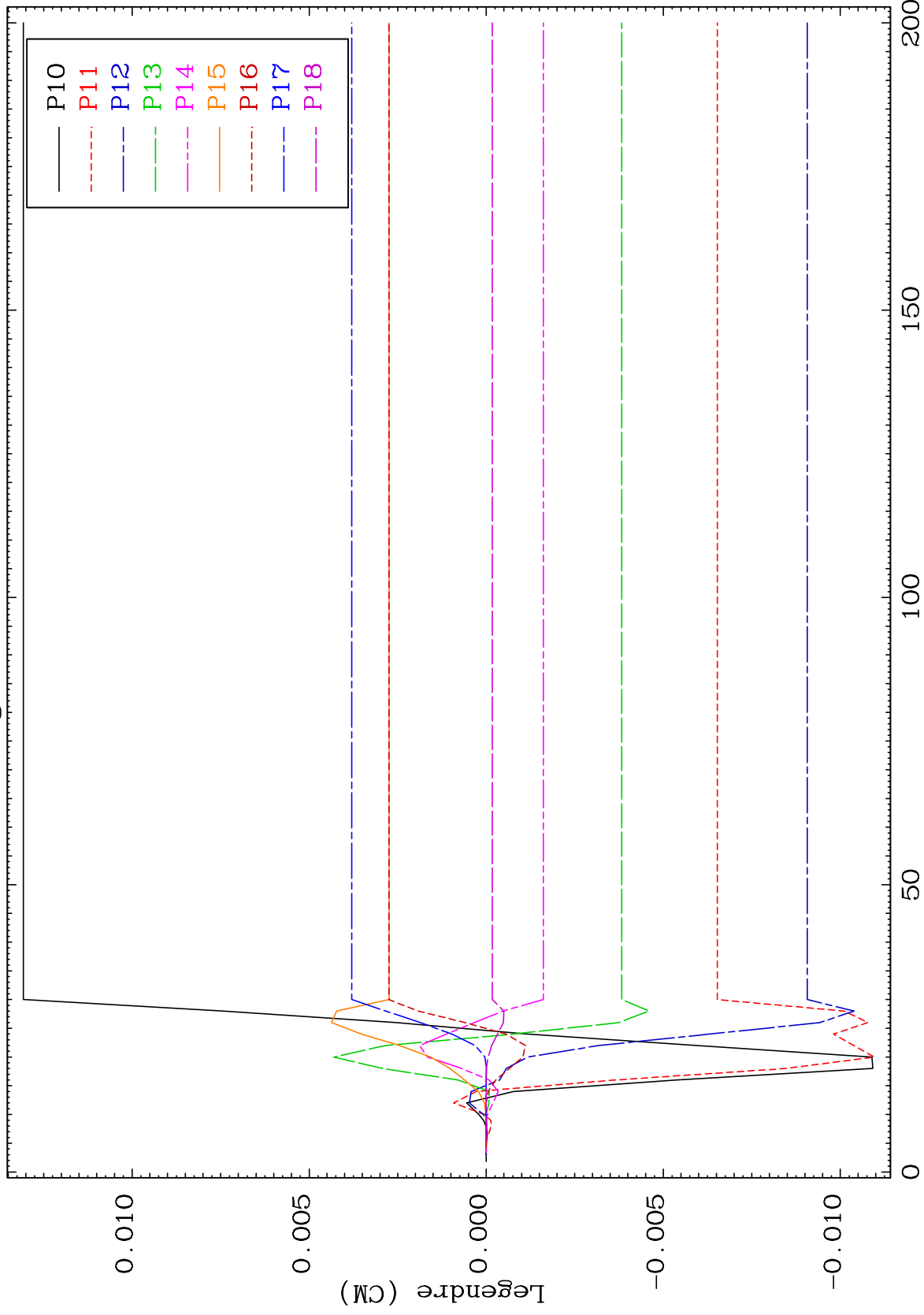
64-Gd-161



MAT 6452

604.0 keV (n,n') Level
Legendre Coefficients

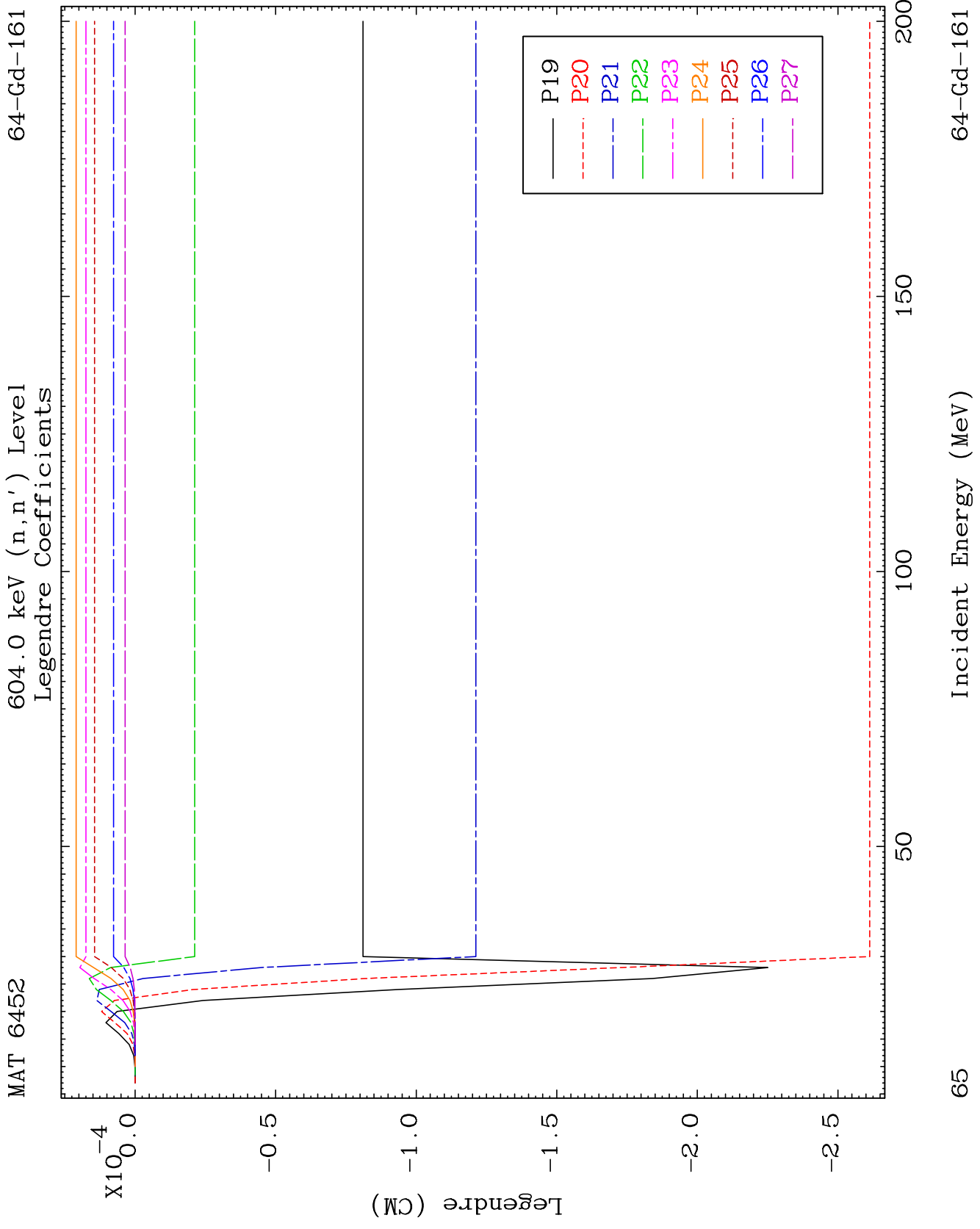
64-Gd-161



64

Incident Energy (MeV)

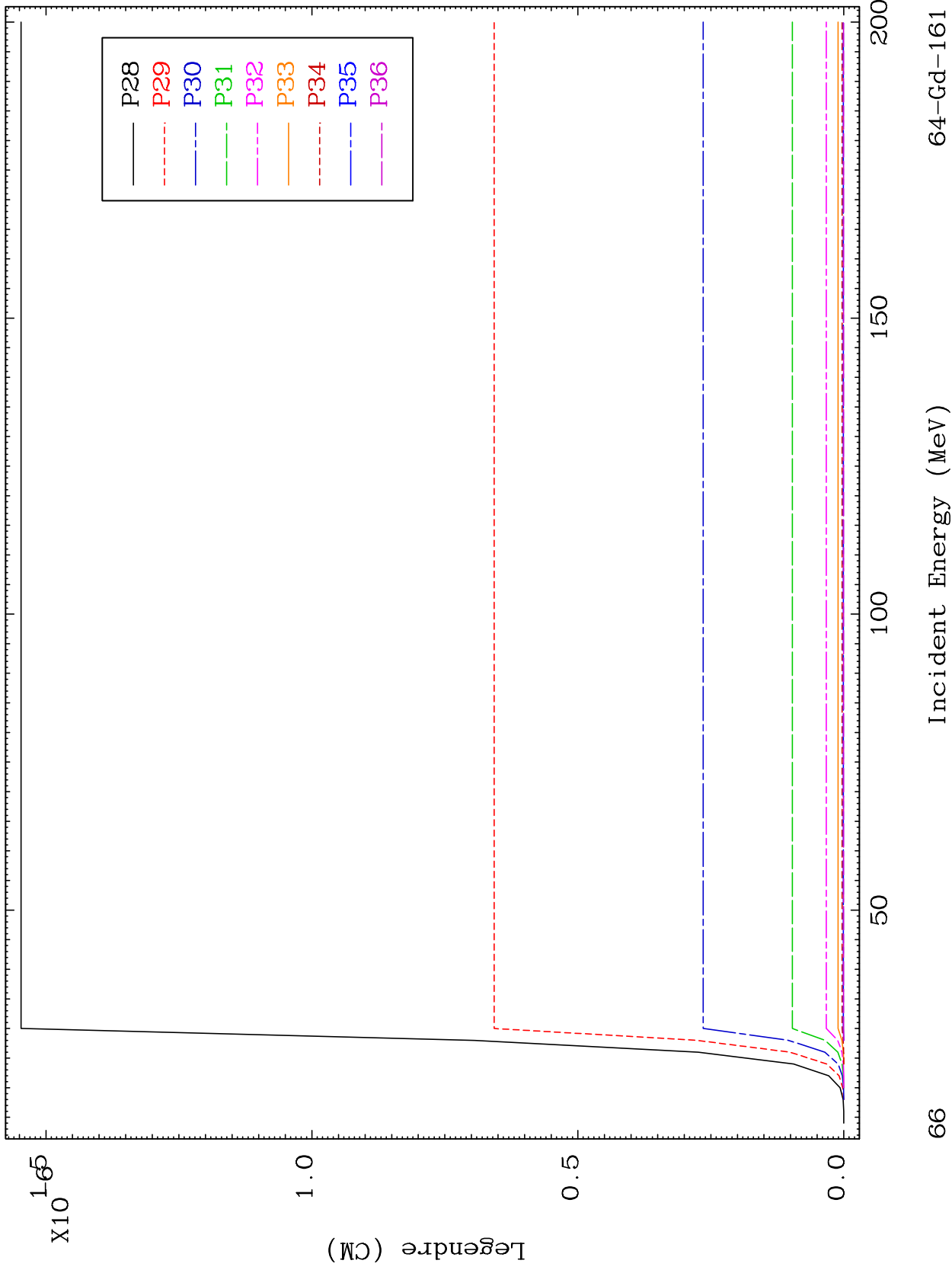
64-Gd-161



MAT 6452

604.0 keV (n, n') Level
Legendre Coefficients

64-Gd-161

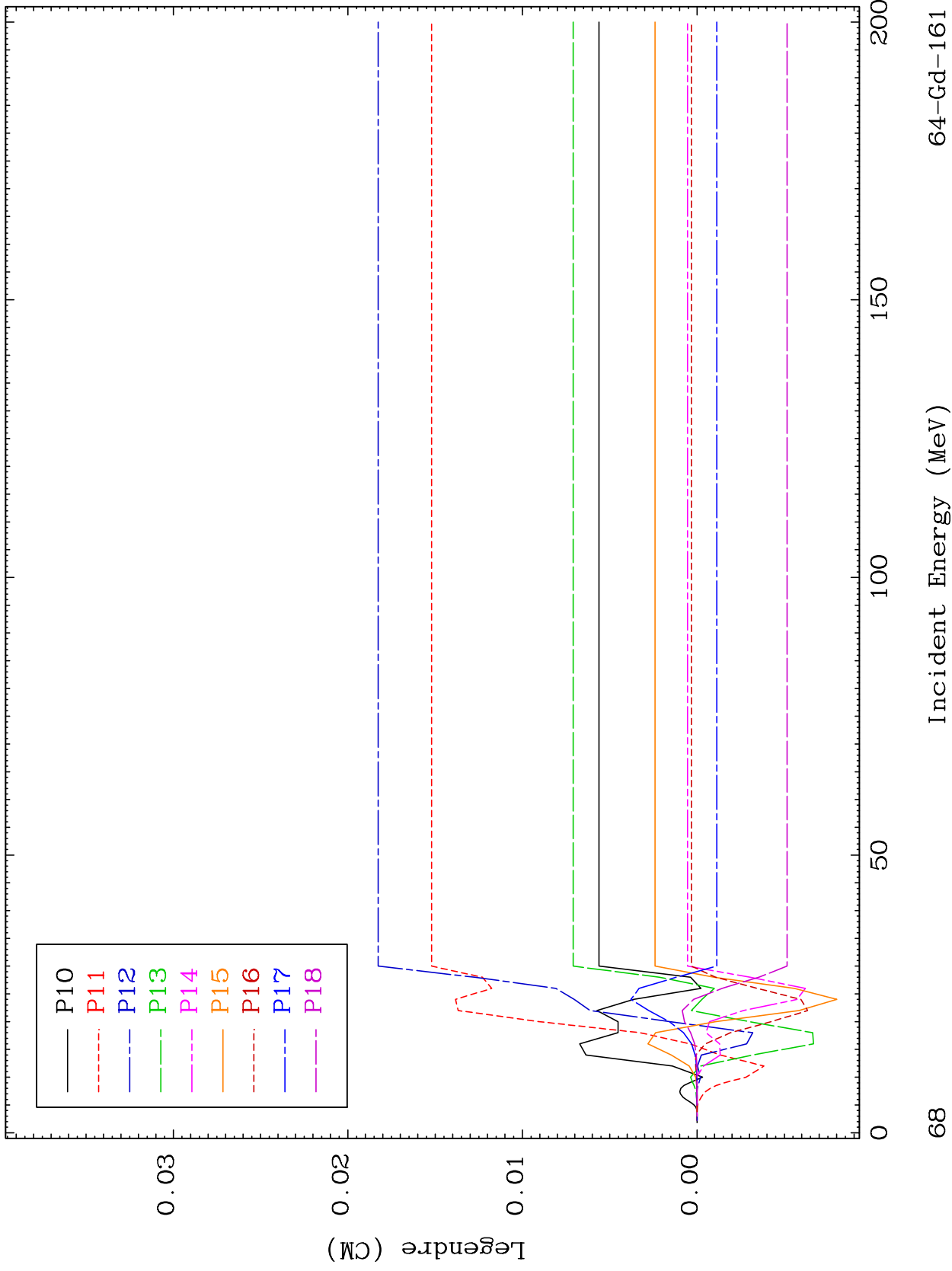


66

MAT 6452

645.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

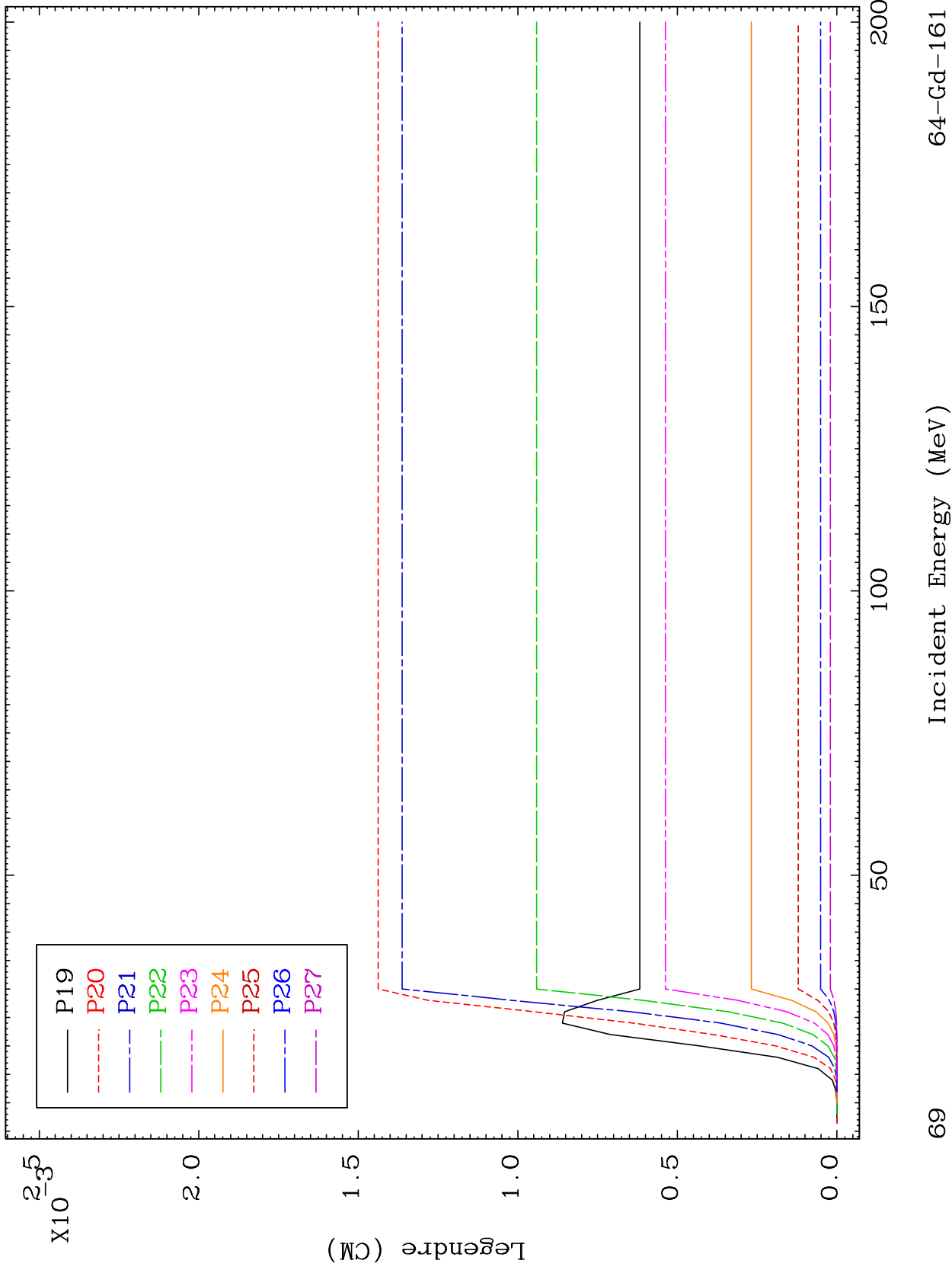
Incident Energy (MeV)

68

MAT 6452

645.0 keV (n,n') Level
Legendre Coefficients

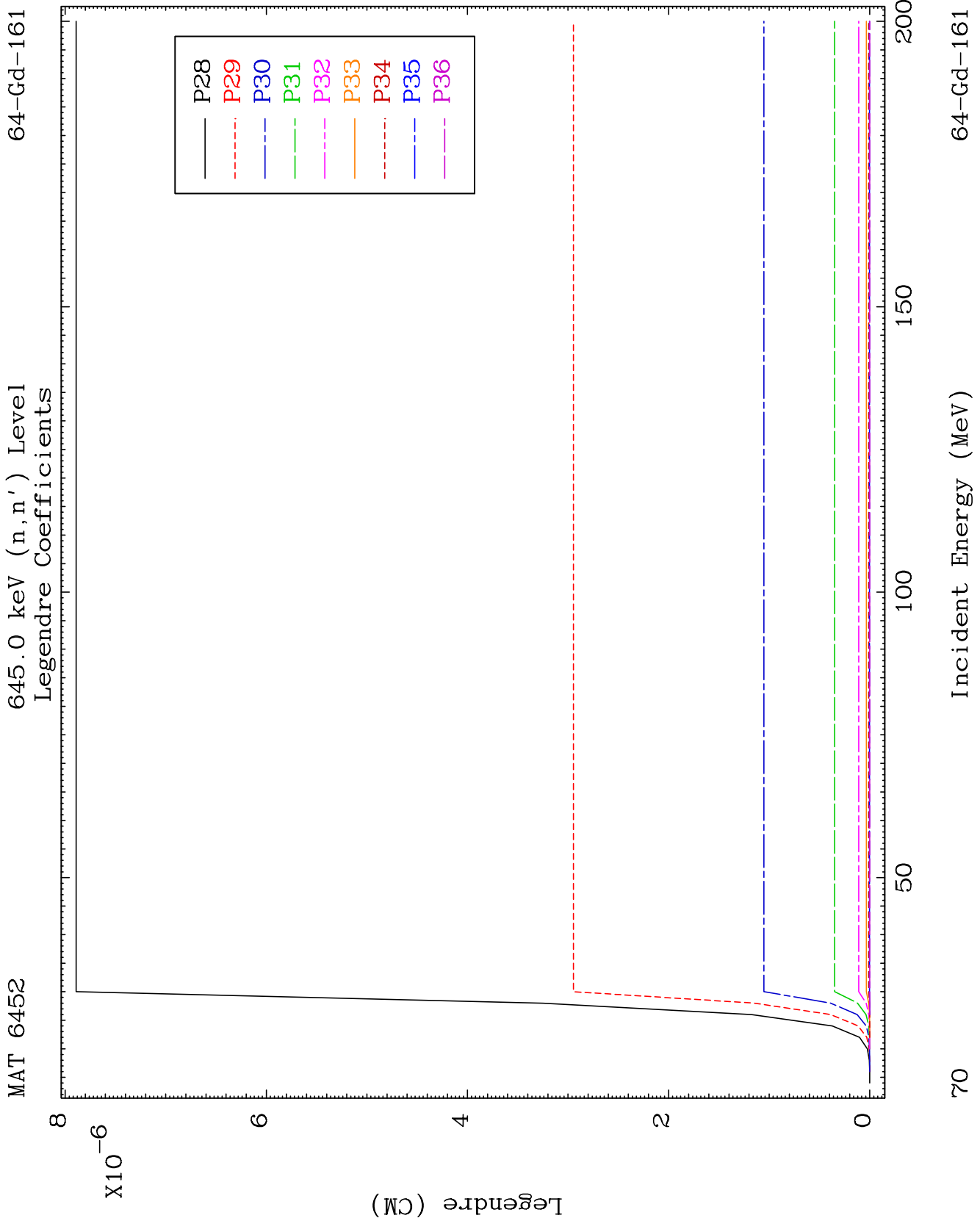
64-Gd-161



69

Incident Energy (MeV)

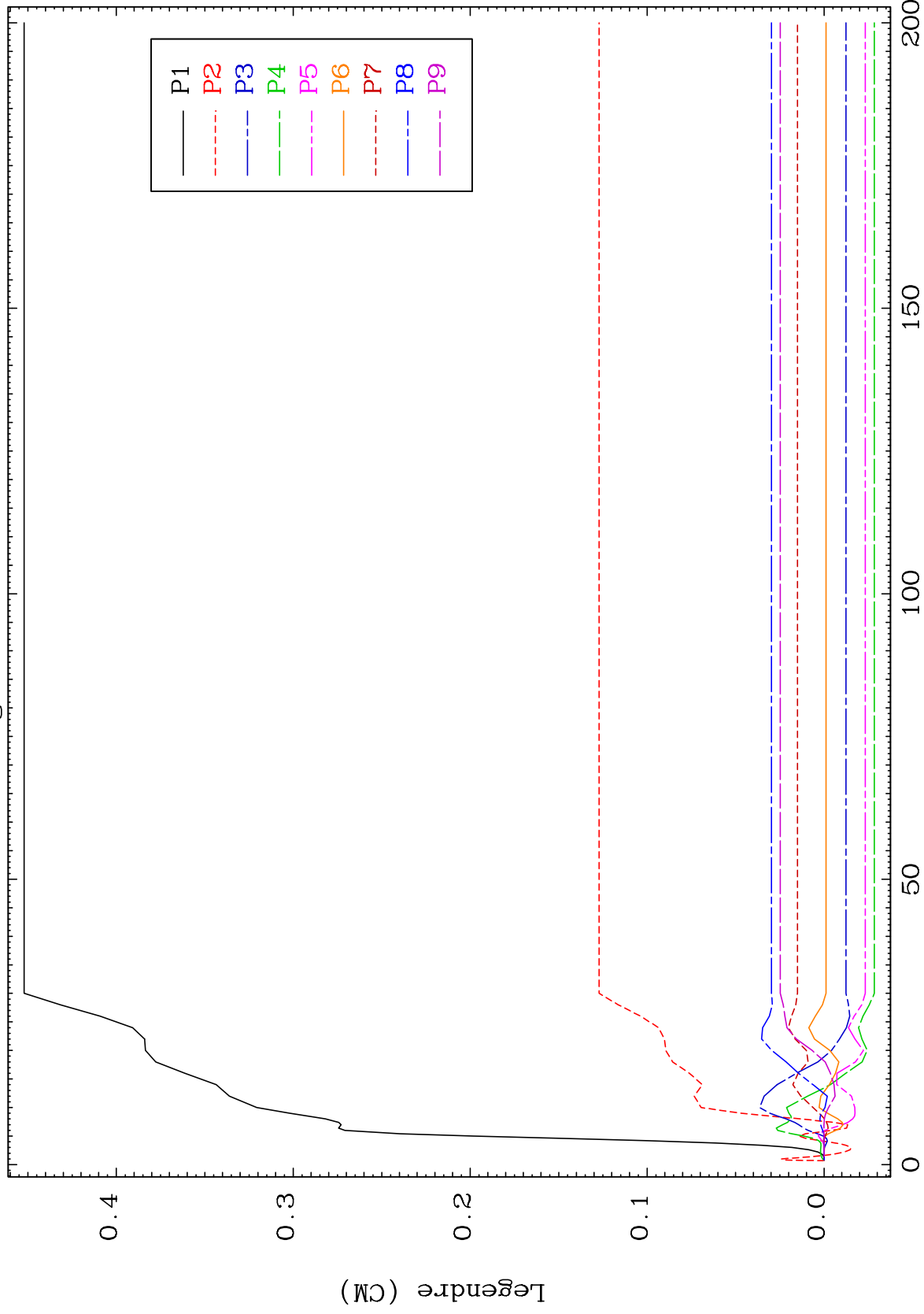
64-Gd-161



MAT 6452

681.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



71

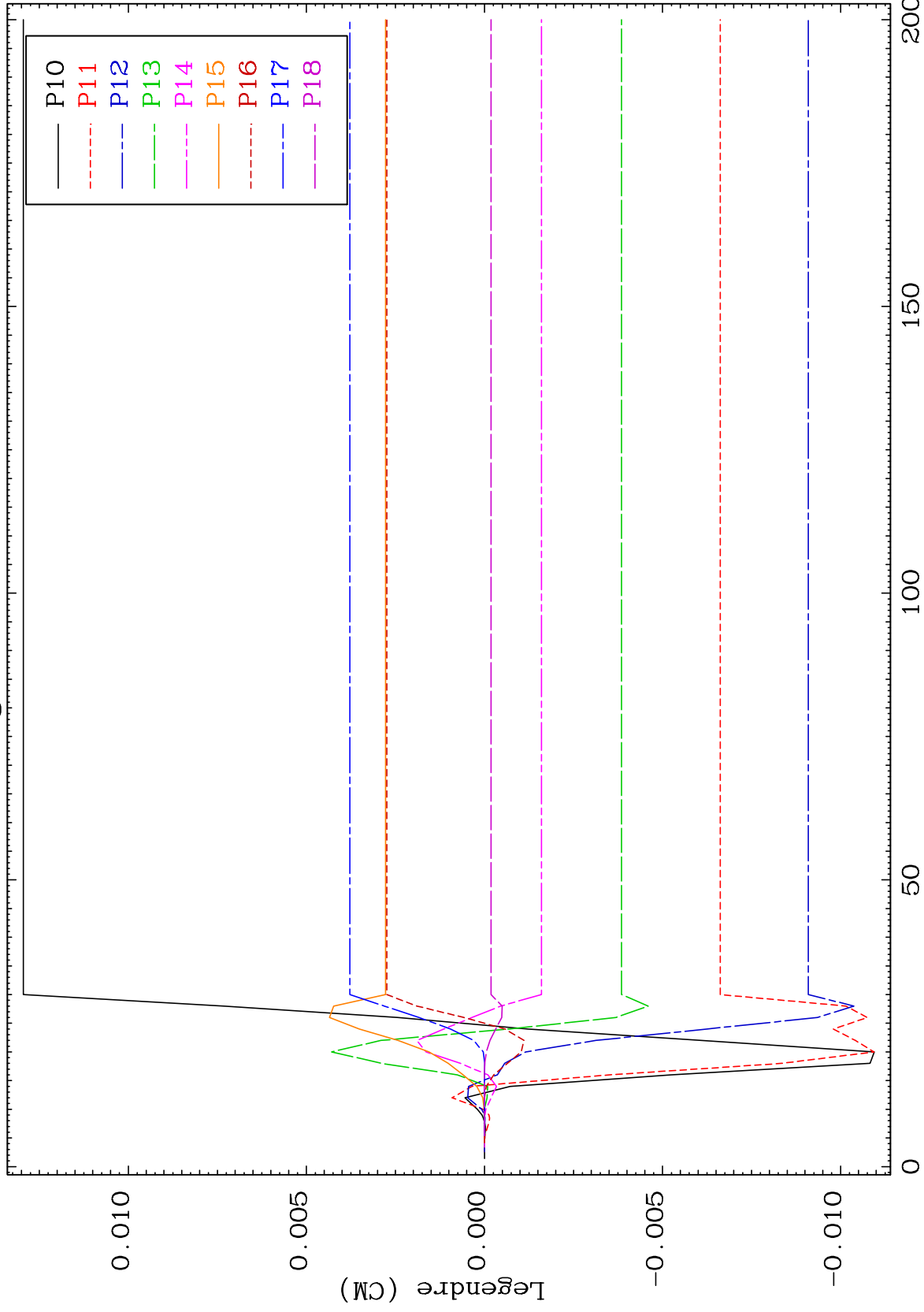
Incident Energy (MeV)

64-Gd-161

MAT 6452

681.0 keV (n,n') Level
Legendre Coefficients

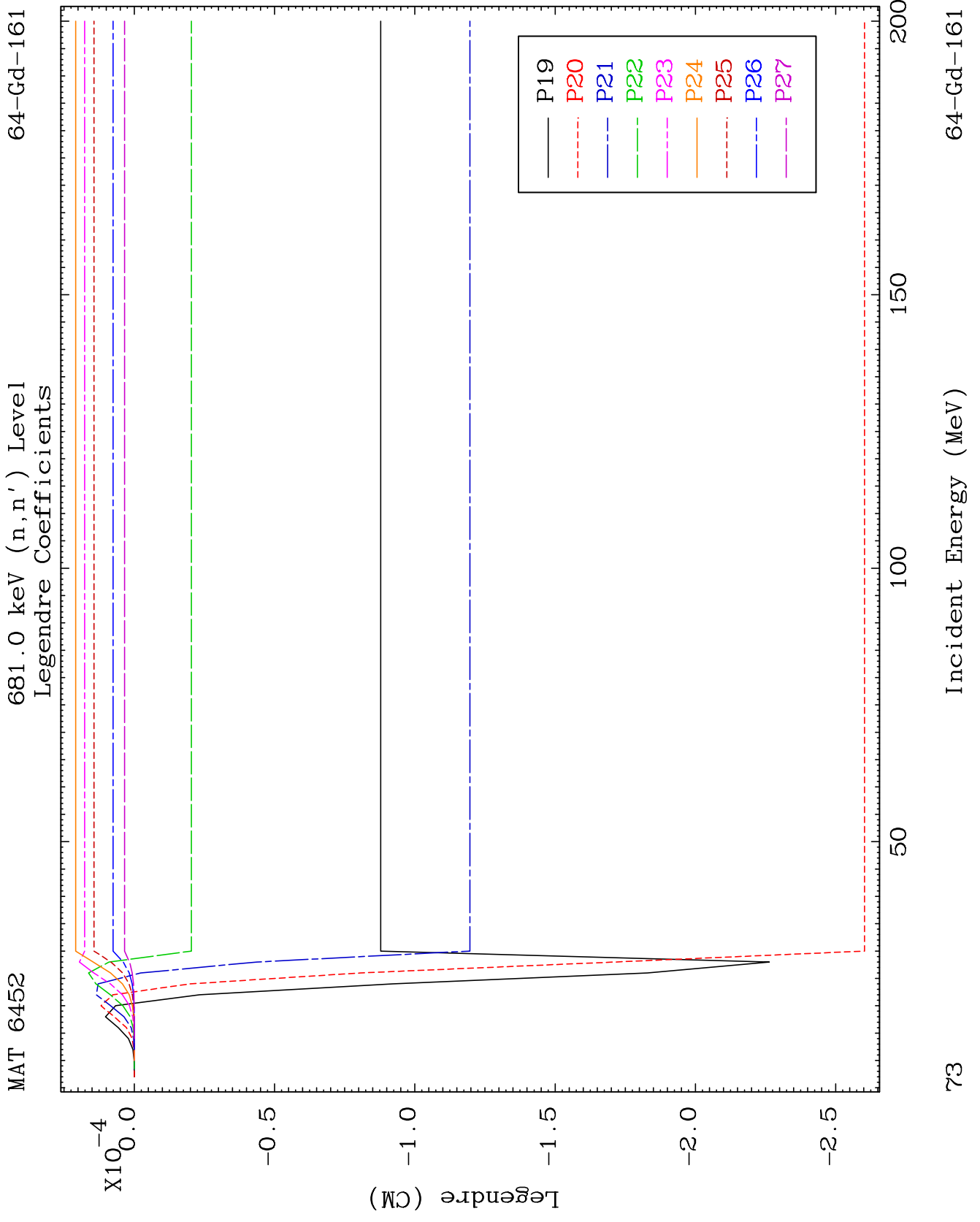
64-Gd-161



72

Incident Energy (MeV)

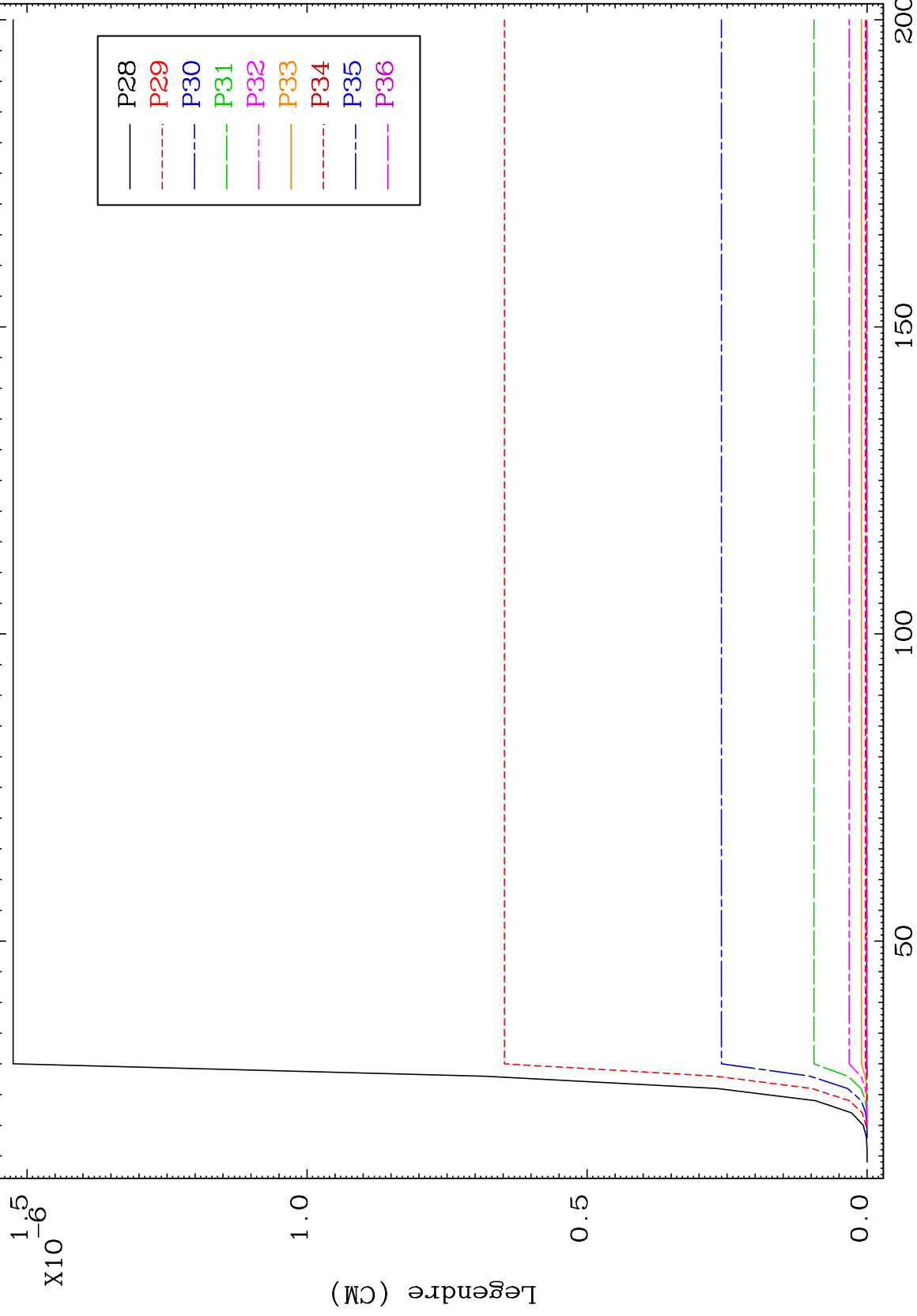
64-Gd-161



MAT 6452

681.0 keV (n,n') Level
Legendre Coefficients

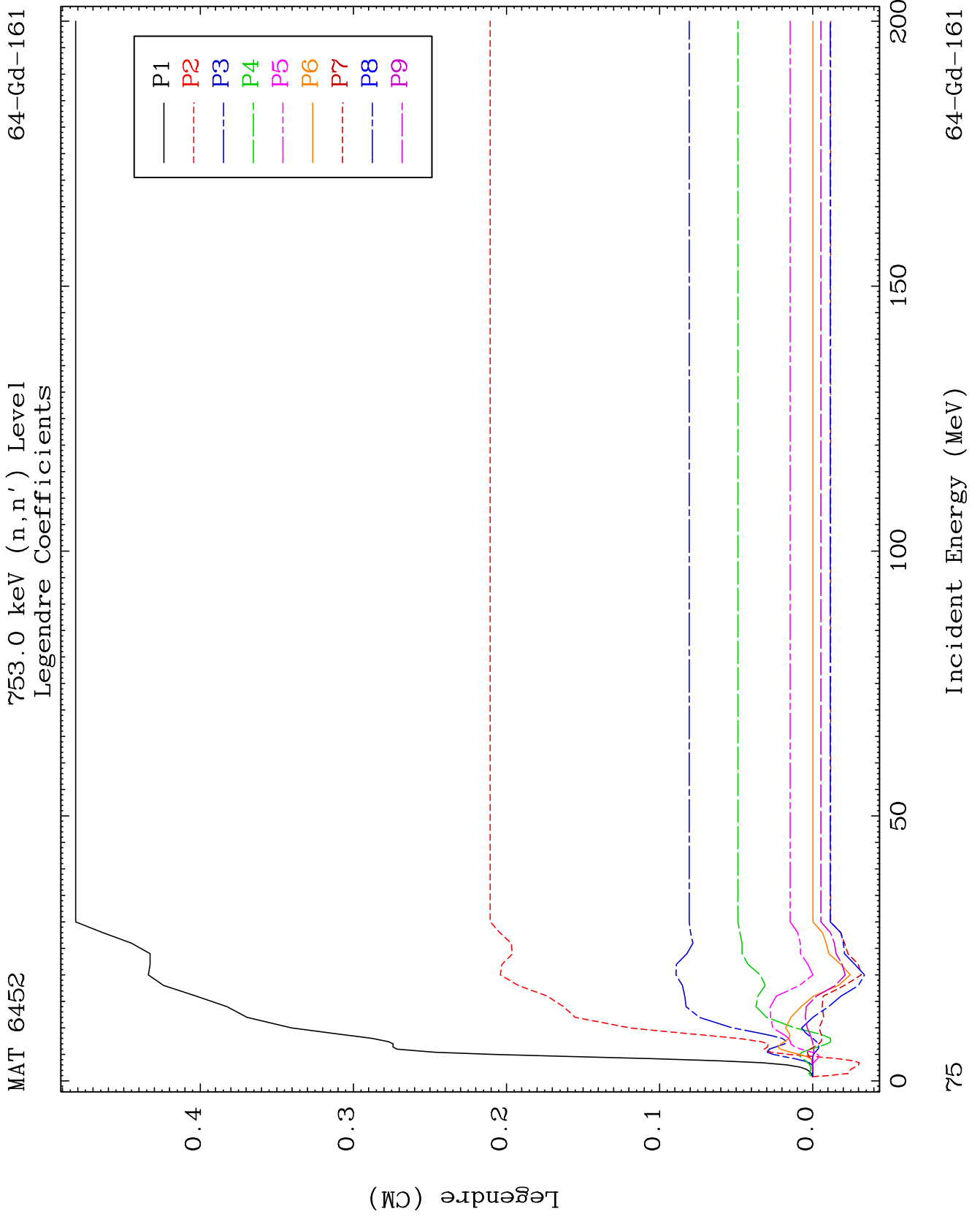
64-Gd-161



74

Incident Energy (MeV)

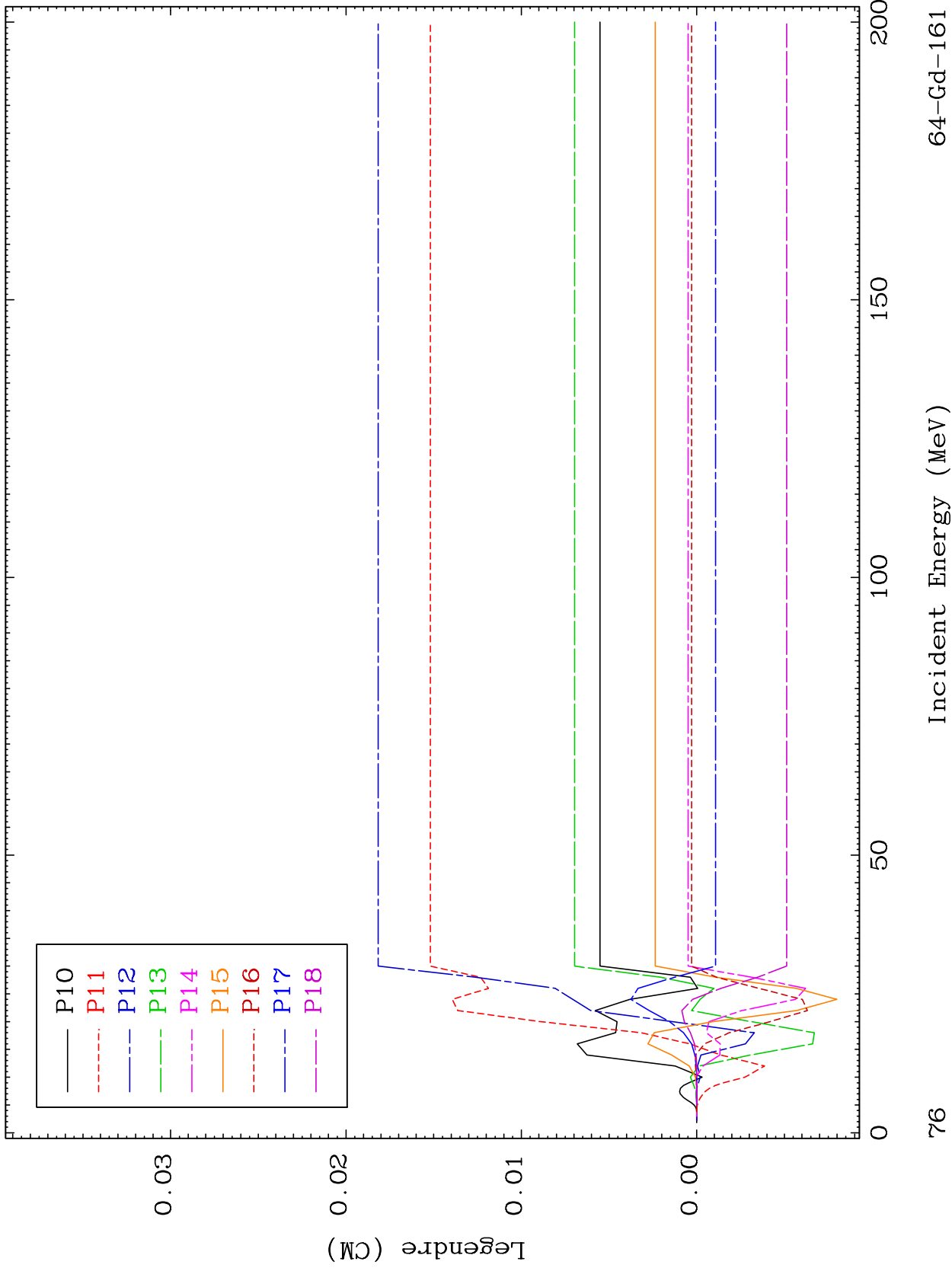
64-Gd-161



MAT 6452

753.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



76

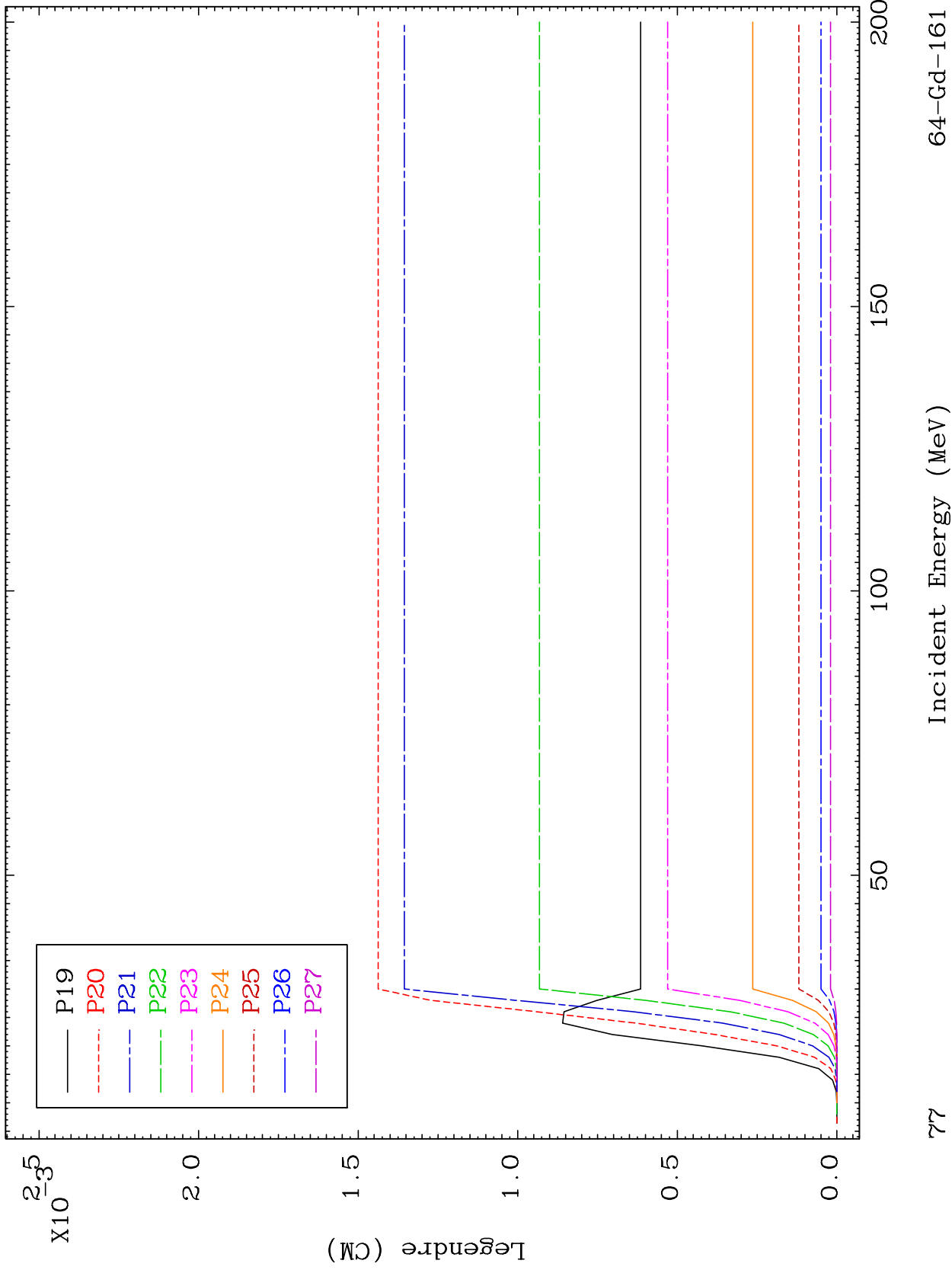
Incident Energy (MeV)

64-Gd-161

MAT 6452

753.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



77

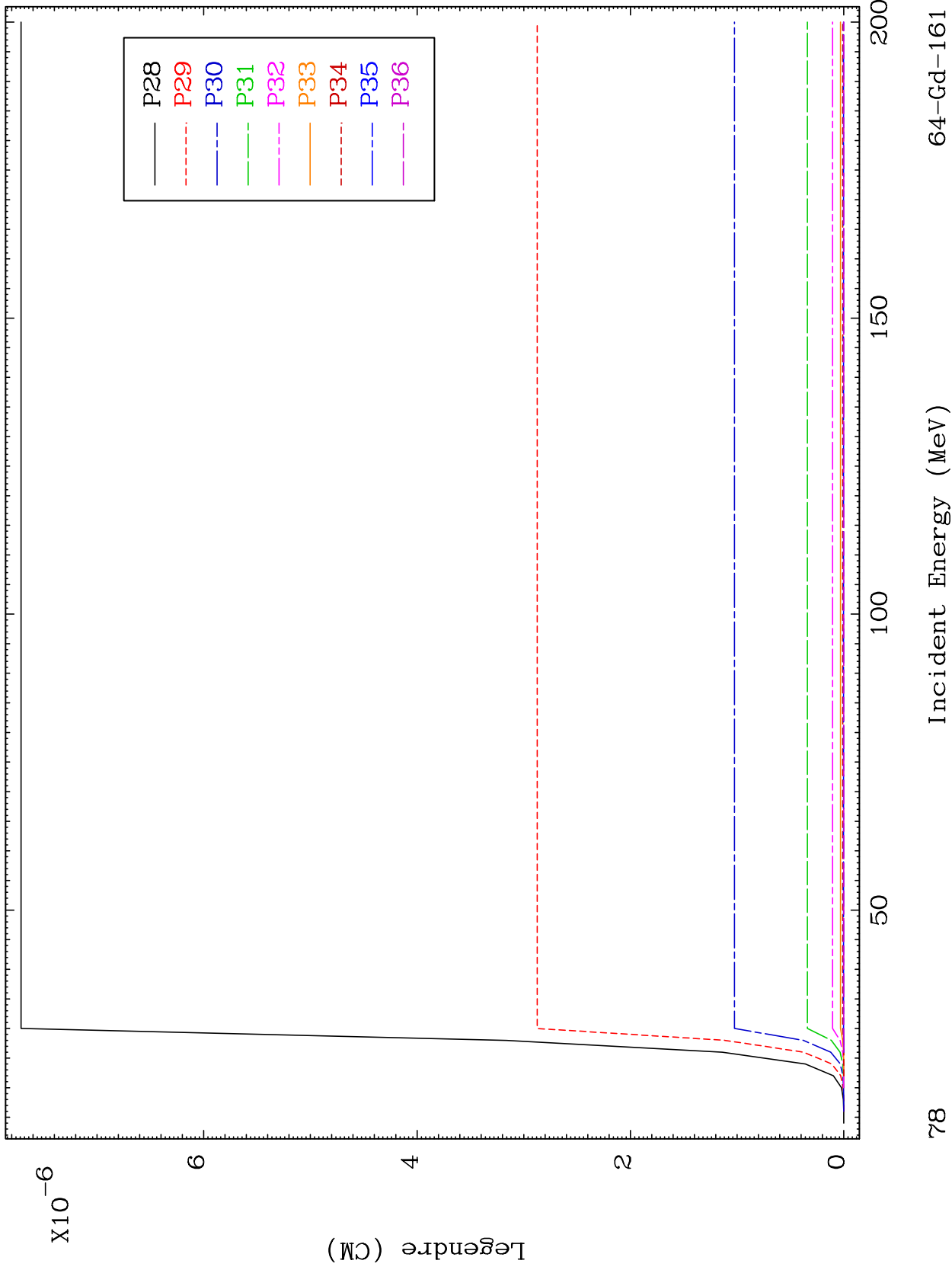
Incident Energy (MeV)

64-Gd-161

MAT 6452

753.0 keV (n,n') Level
Legendre Coefficients

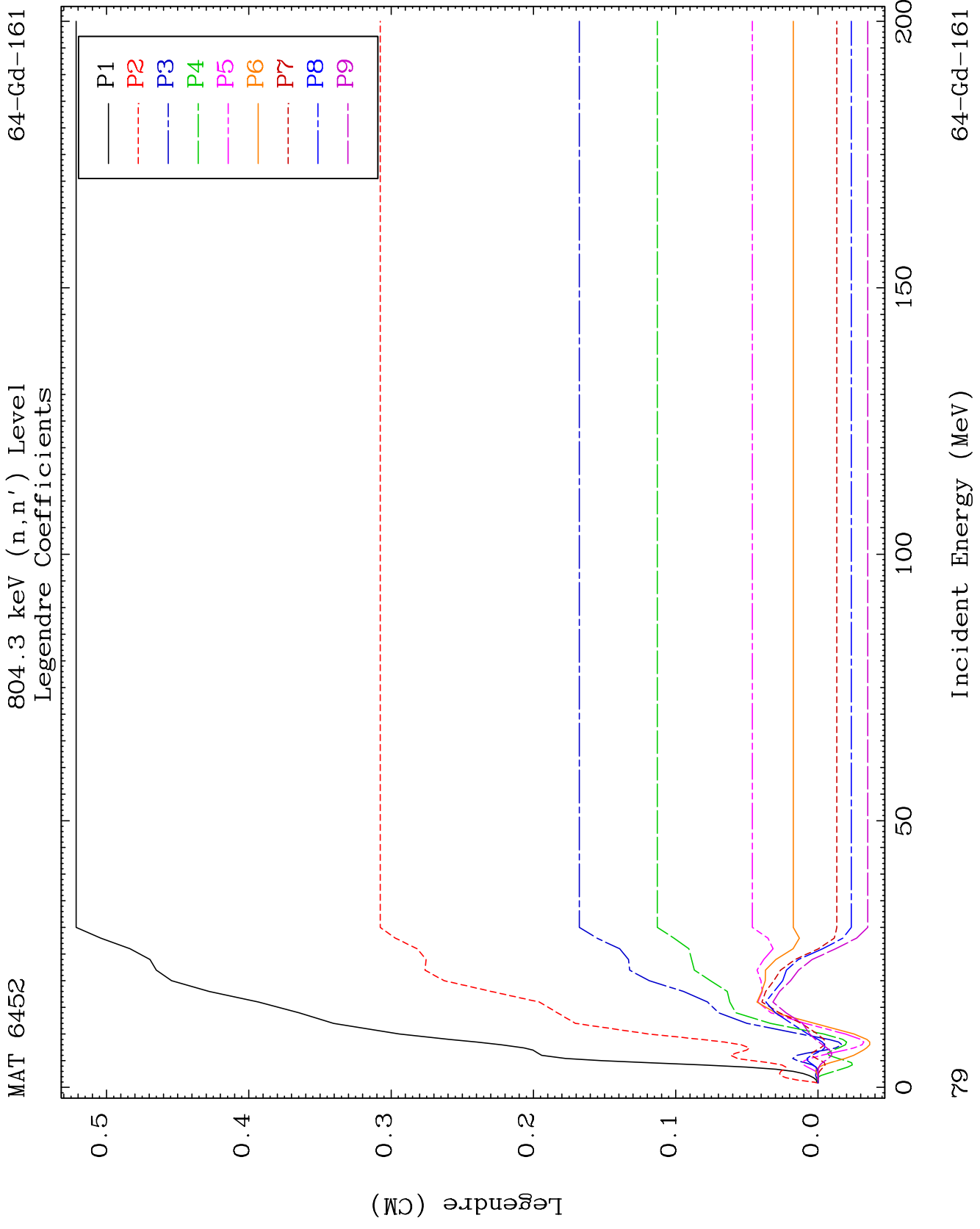
64-Gd-161



78

Incident Energy (MeV)

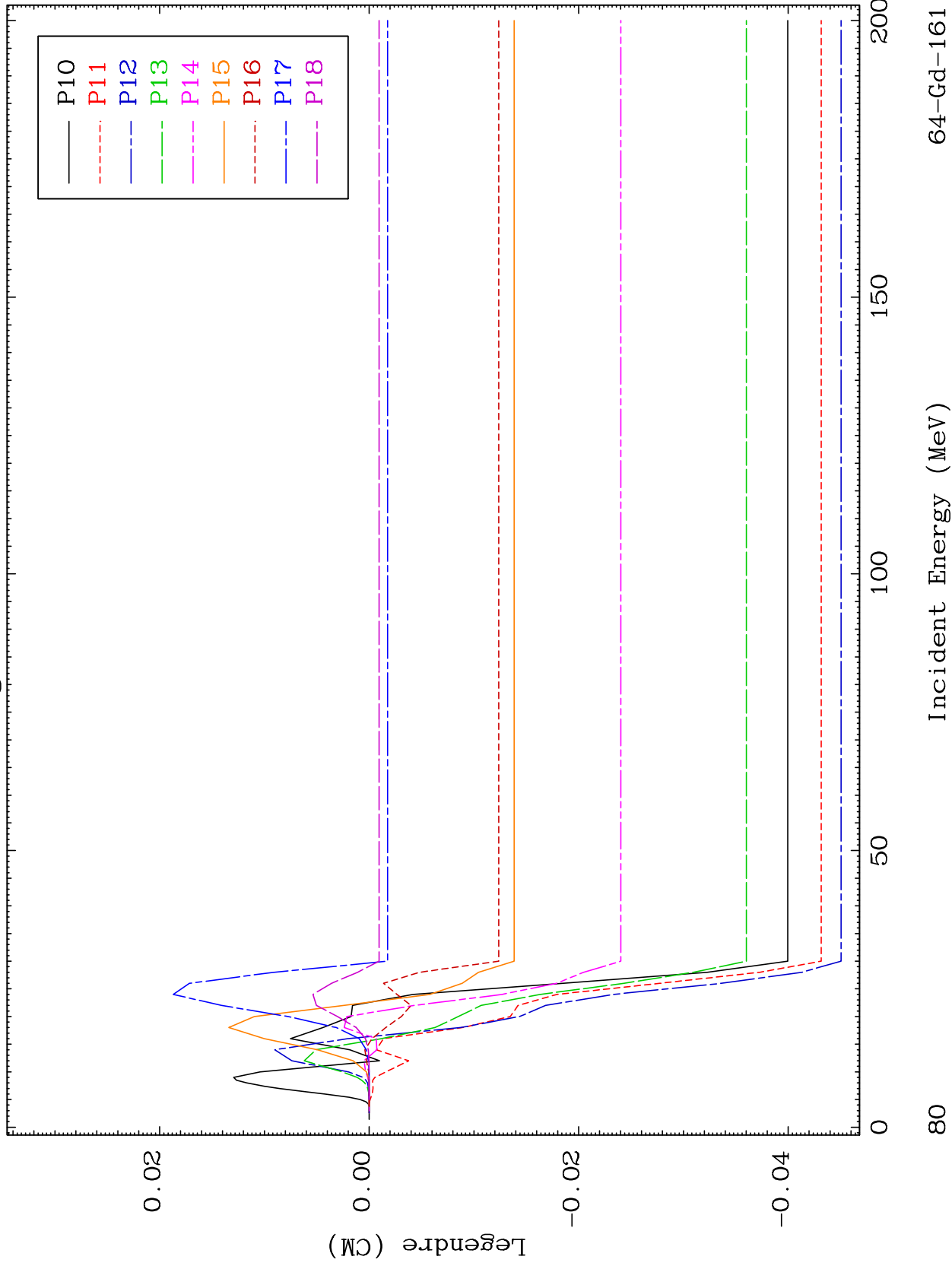
64-Gd-161



MAT 6452

804.3 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

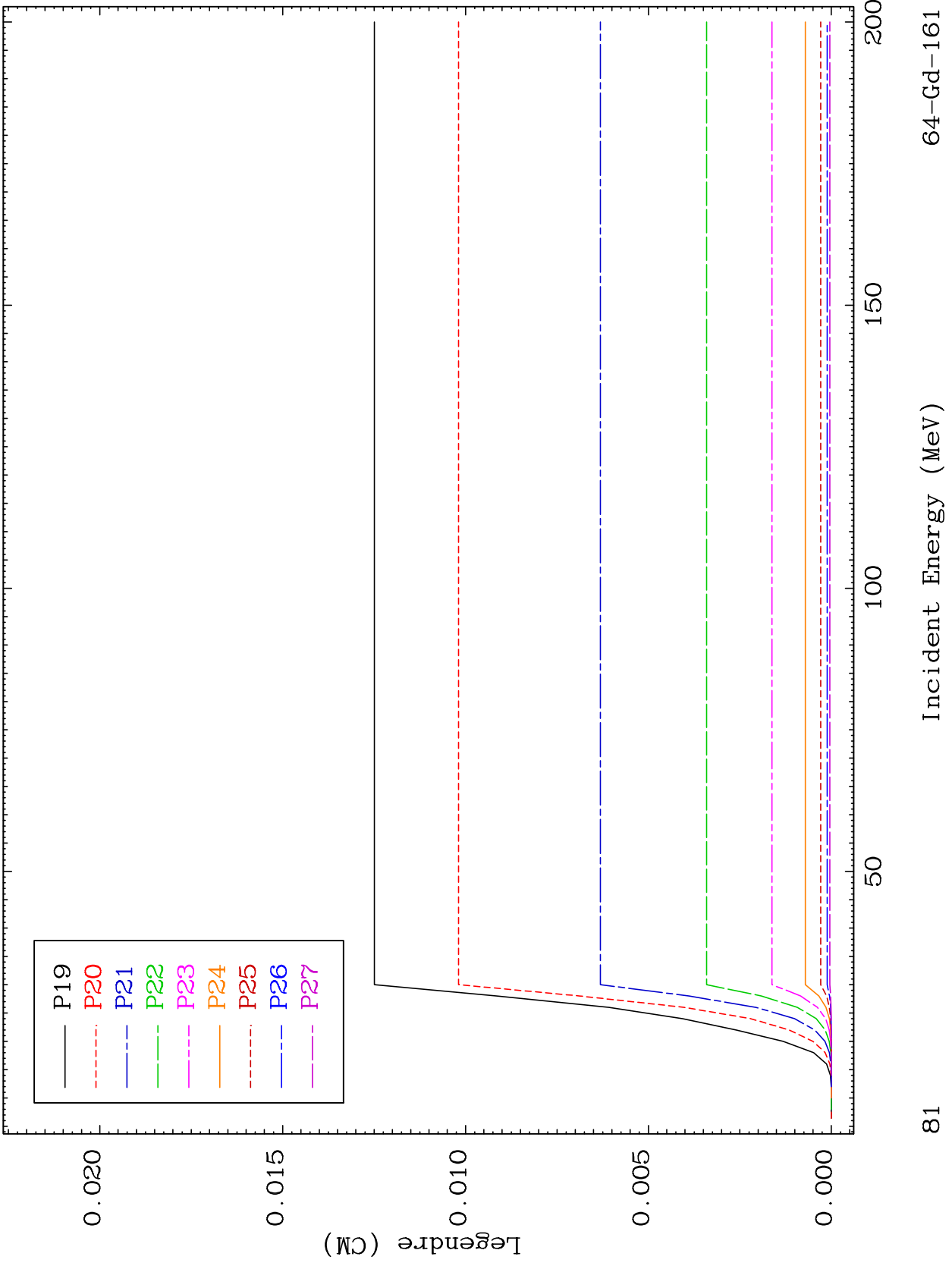
Incident Energy (MeV)

80

MAT 6452

804.3 keV (n,n') Level
Legendre Coefficients

64-Gd-161



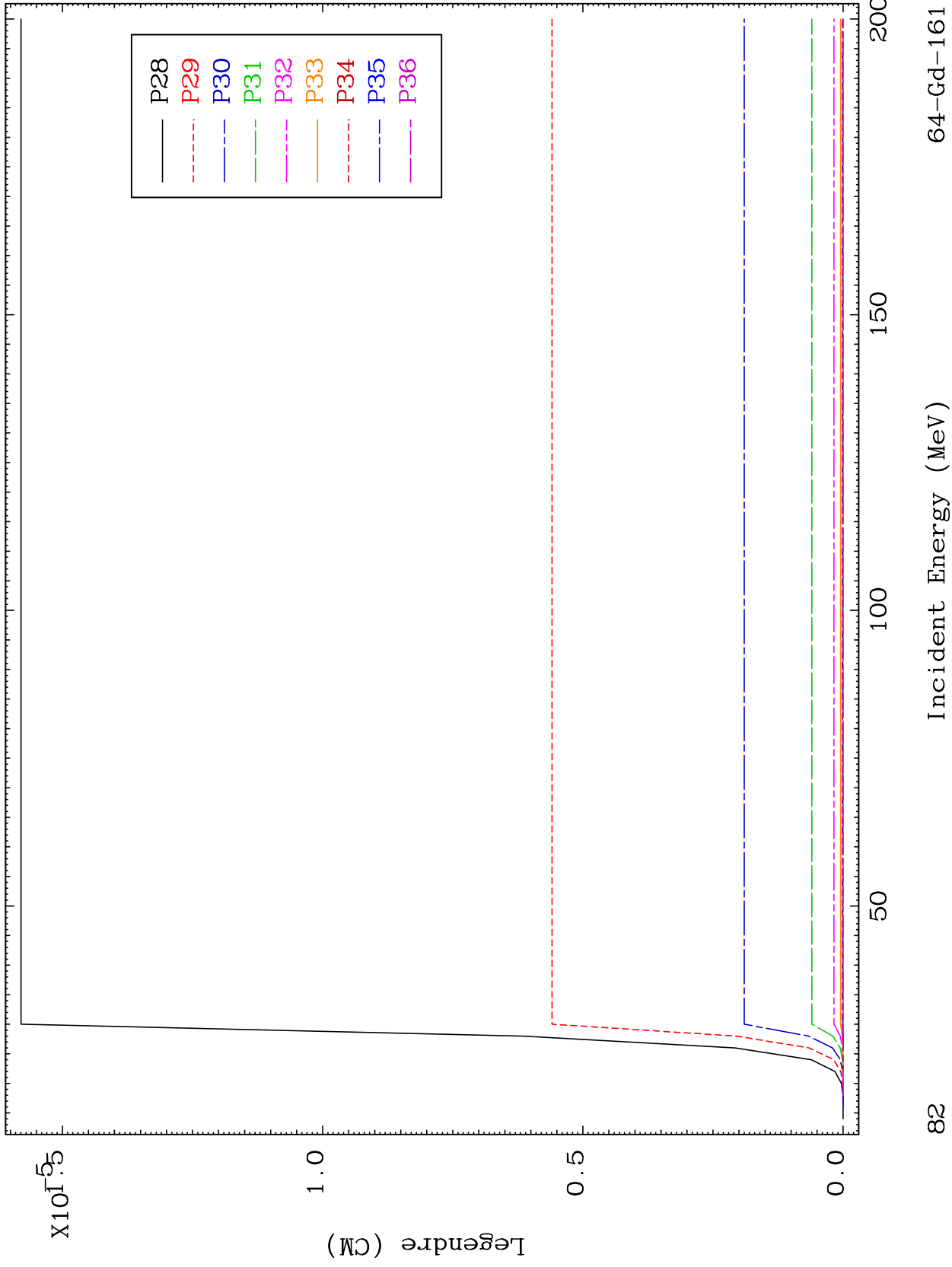
81

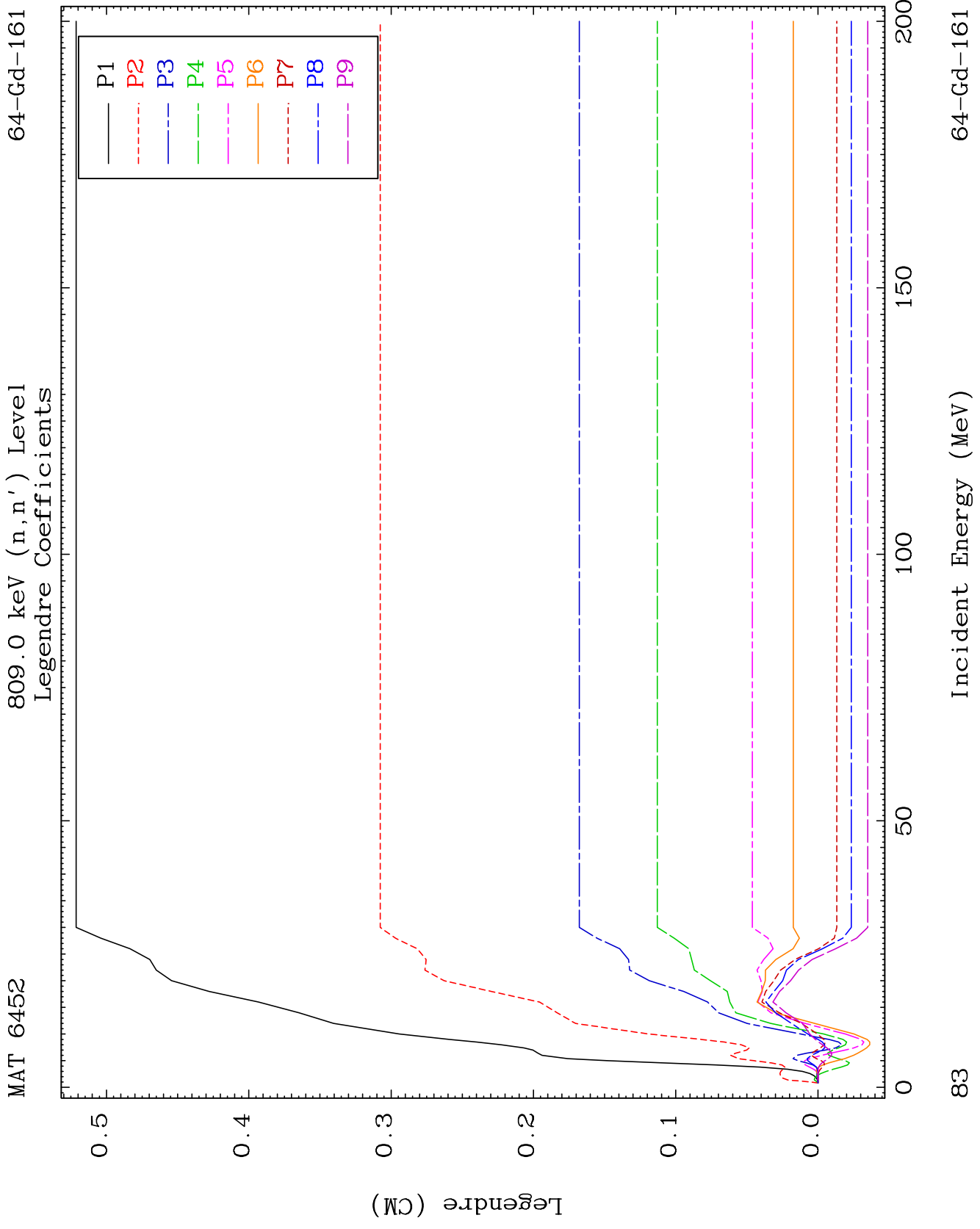
64-Gd-161

MAT 6452

804.3 keV (n,n') Level
Legendre Coefficients

64-Gd-161

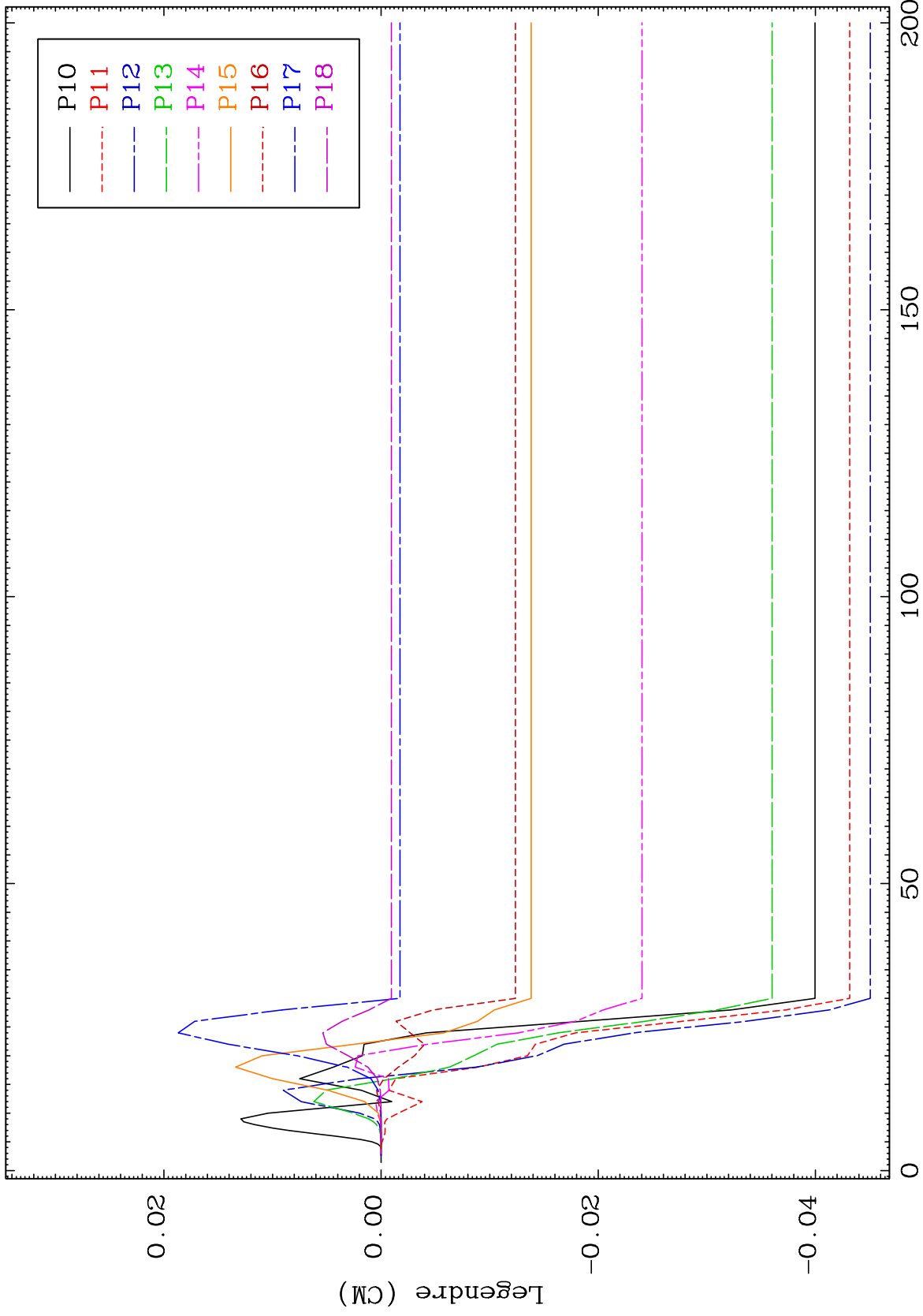




MAT 6452

809.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



84

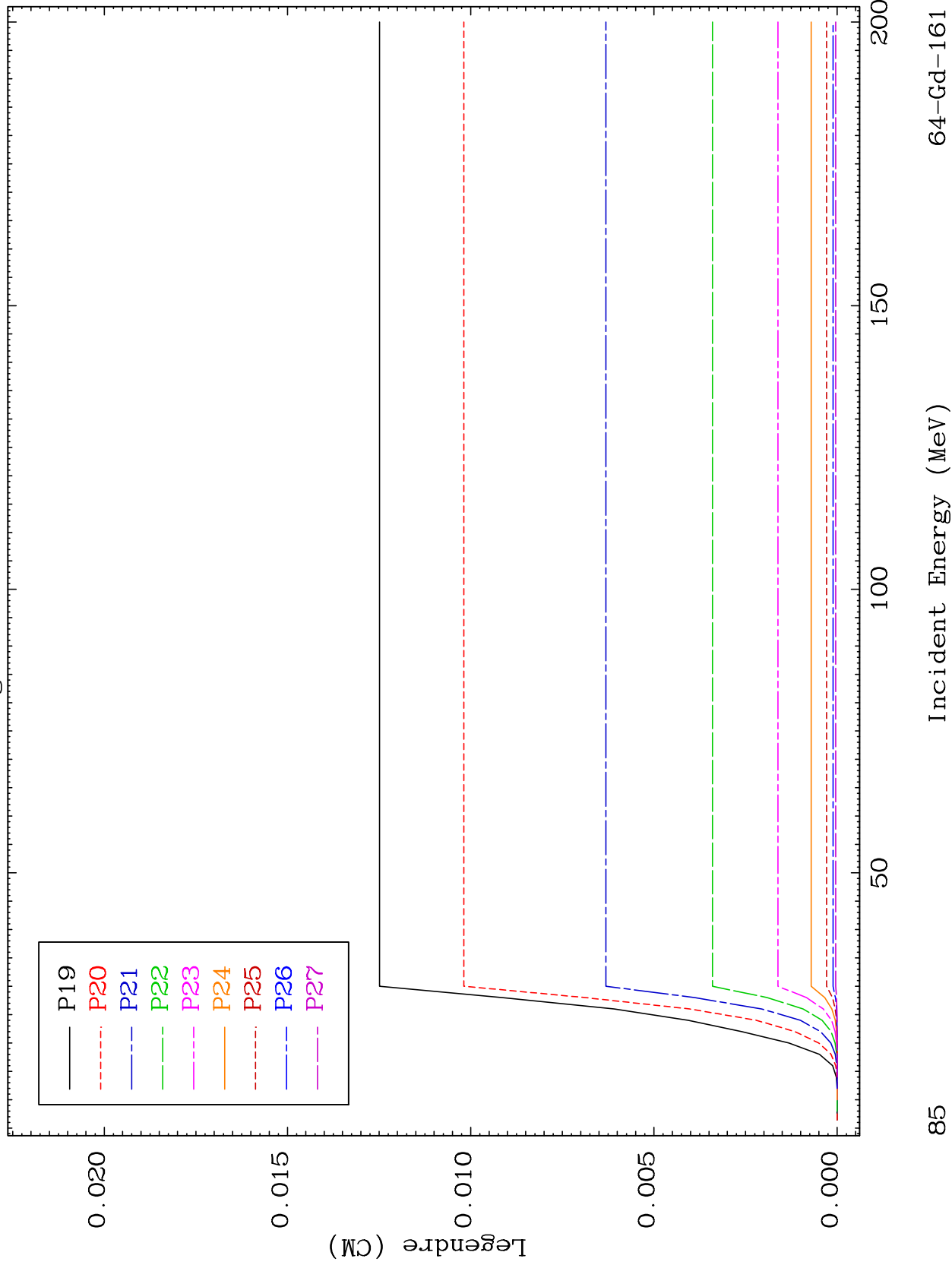
Incident Energy (MeV)

64-Gd-161

MAT 6452

809.0 keV (n,n') Level
Legendre Coefficients

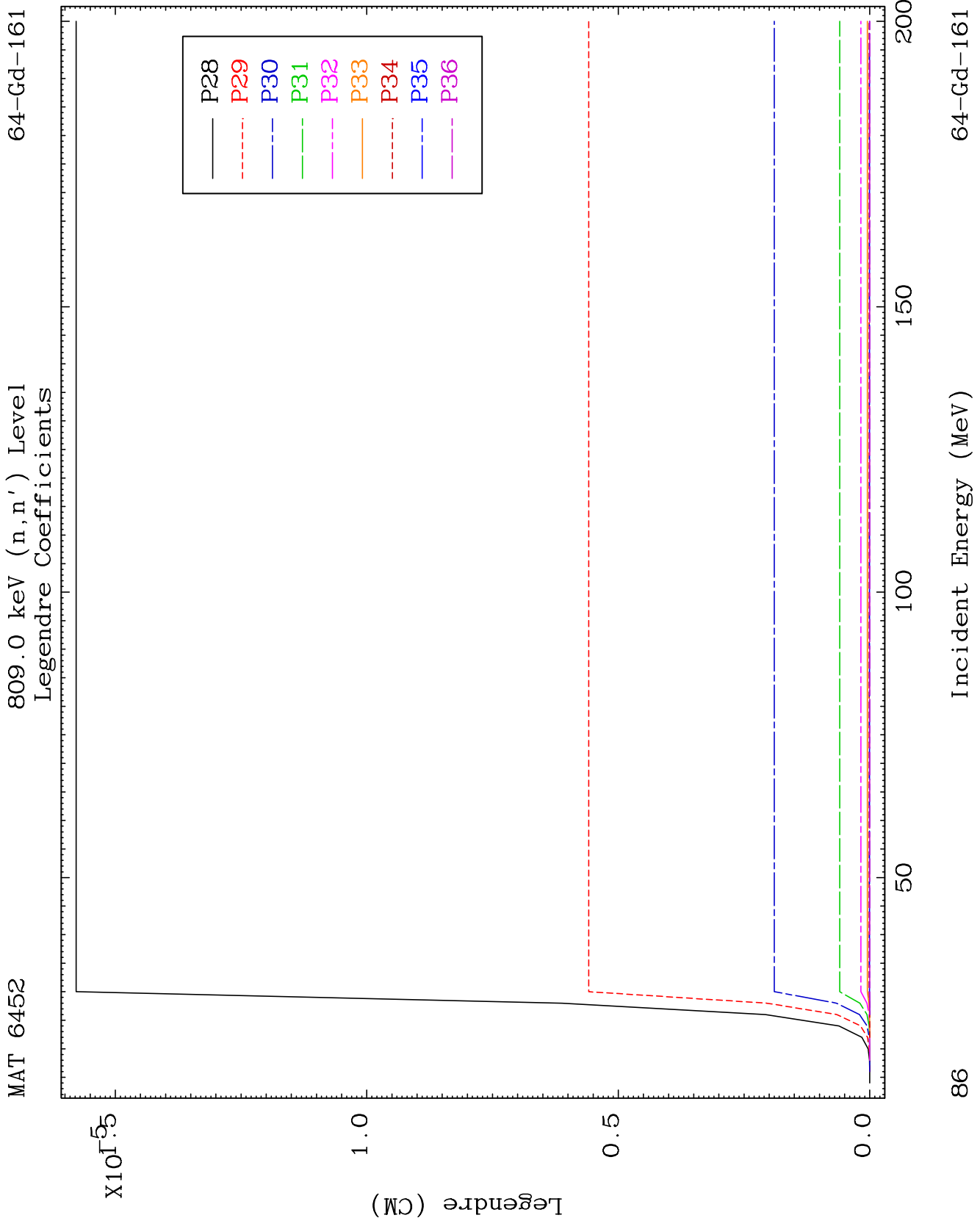
64-Gd-161



85

Incident Energy (MeV)

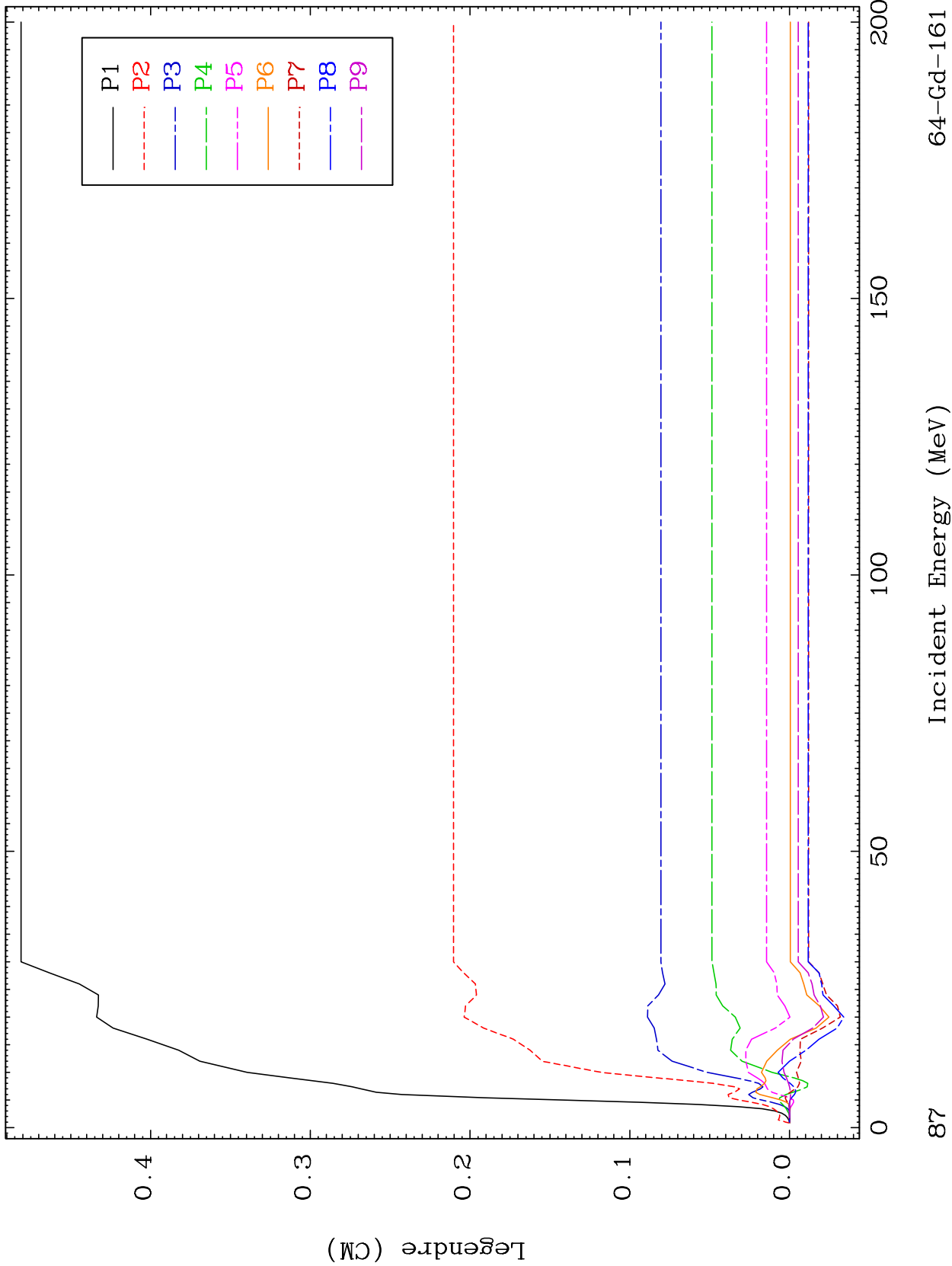
64-Gd-161



MAT 6452

824.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

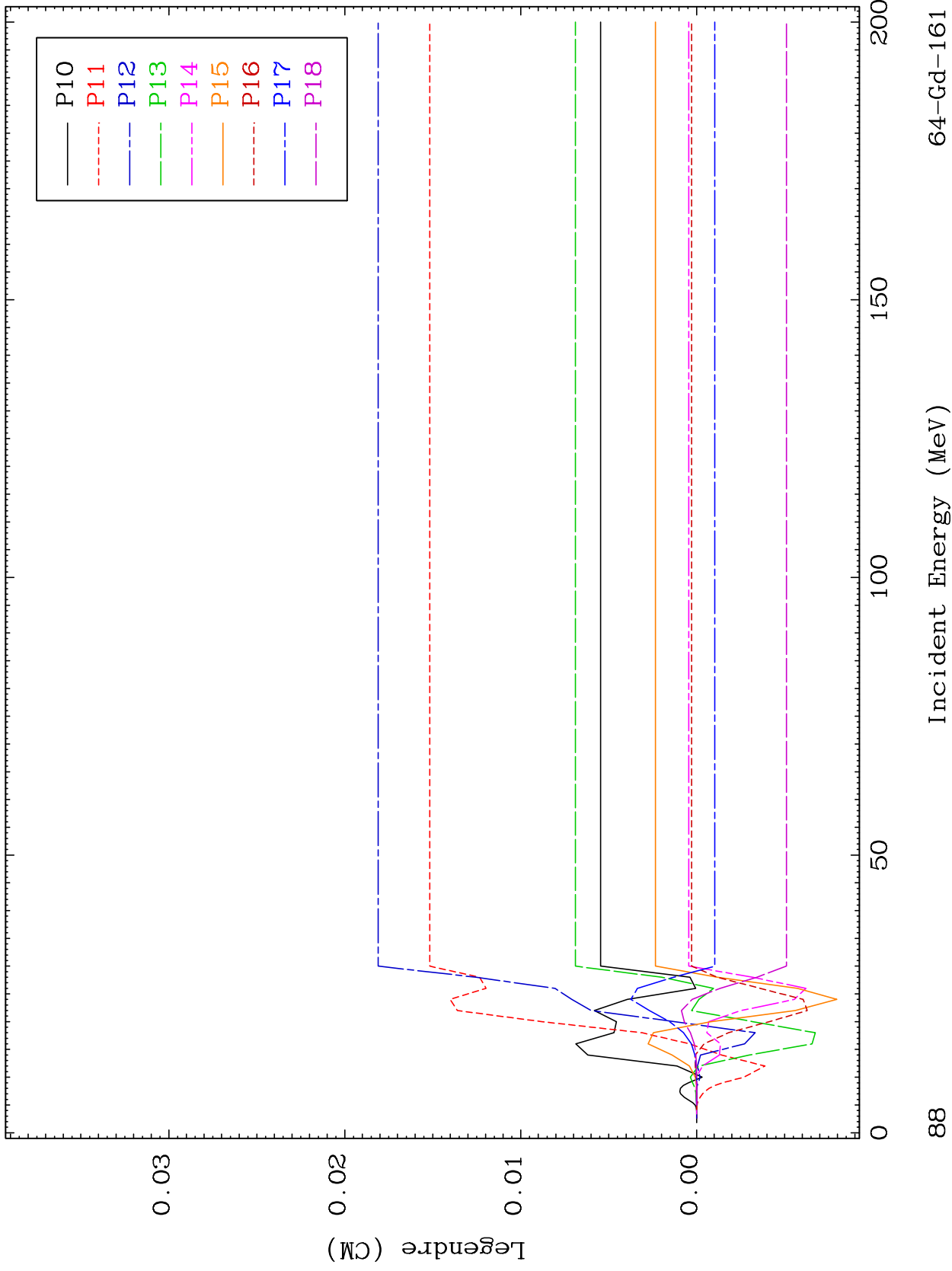
Incident Energy (MeV)

87

MAT 6452

824.0 keV (n,n') Level
Legendre Coefficients

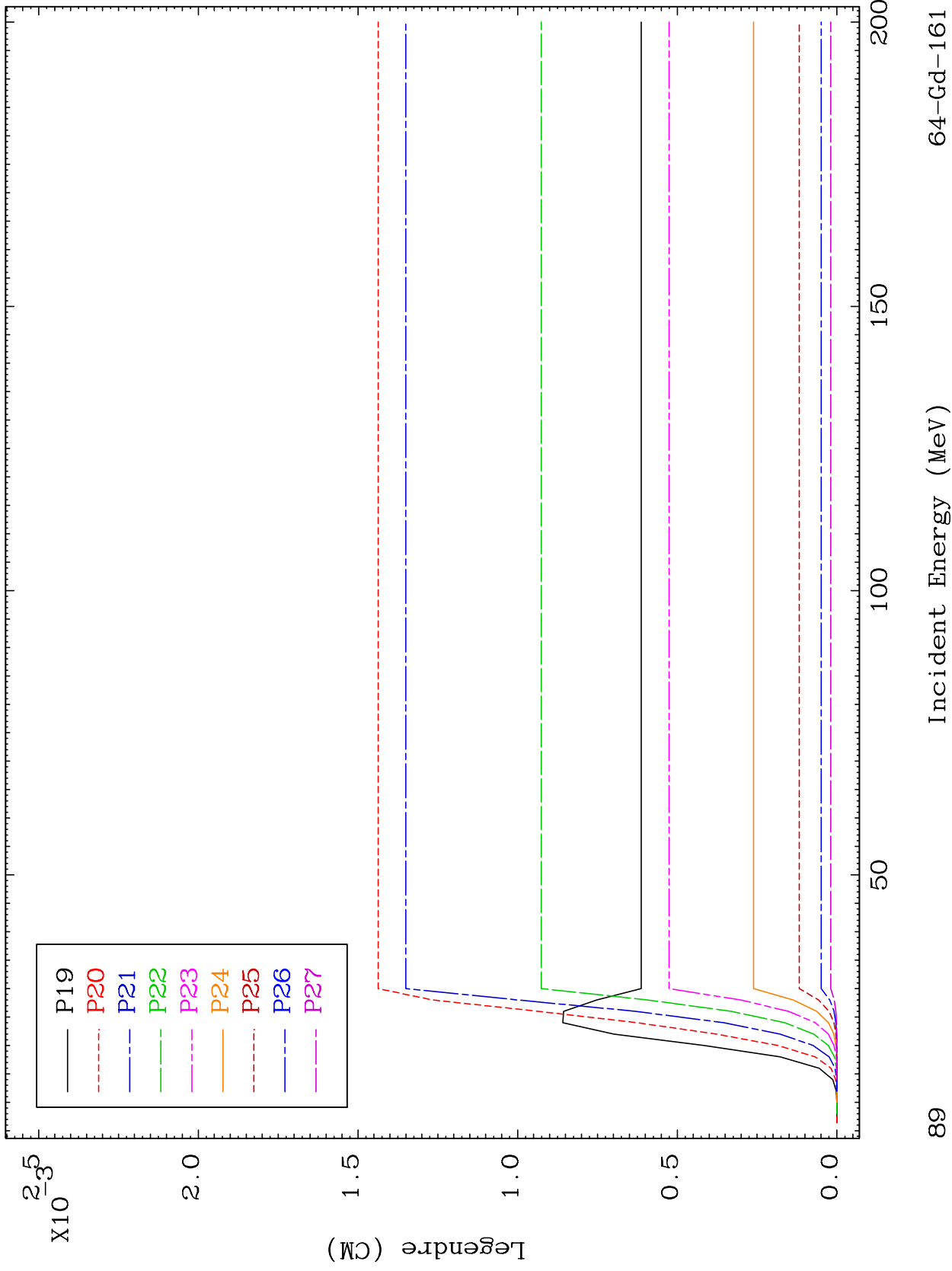
64-Gd-161



64-Gd-161

Incident Energy (MeV)

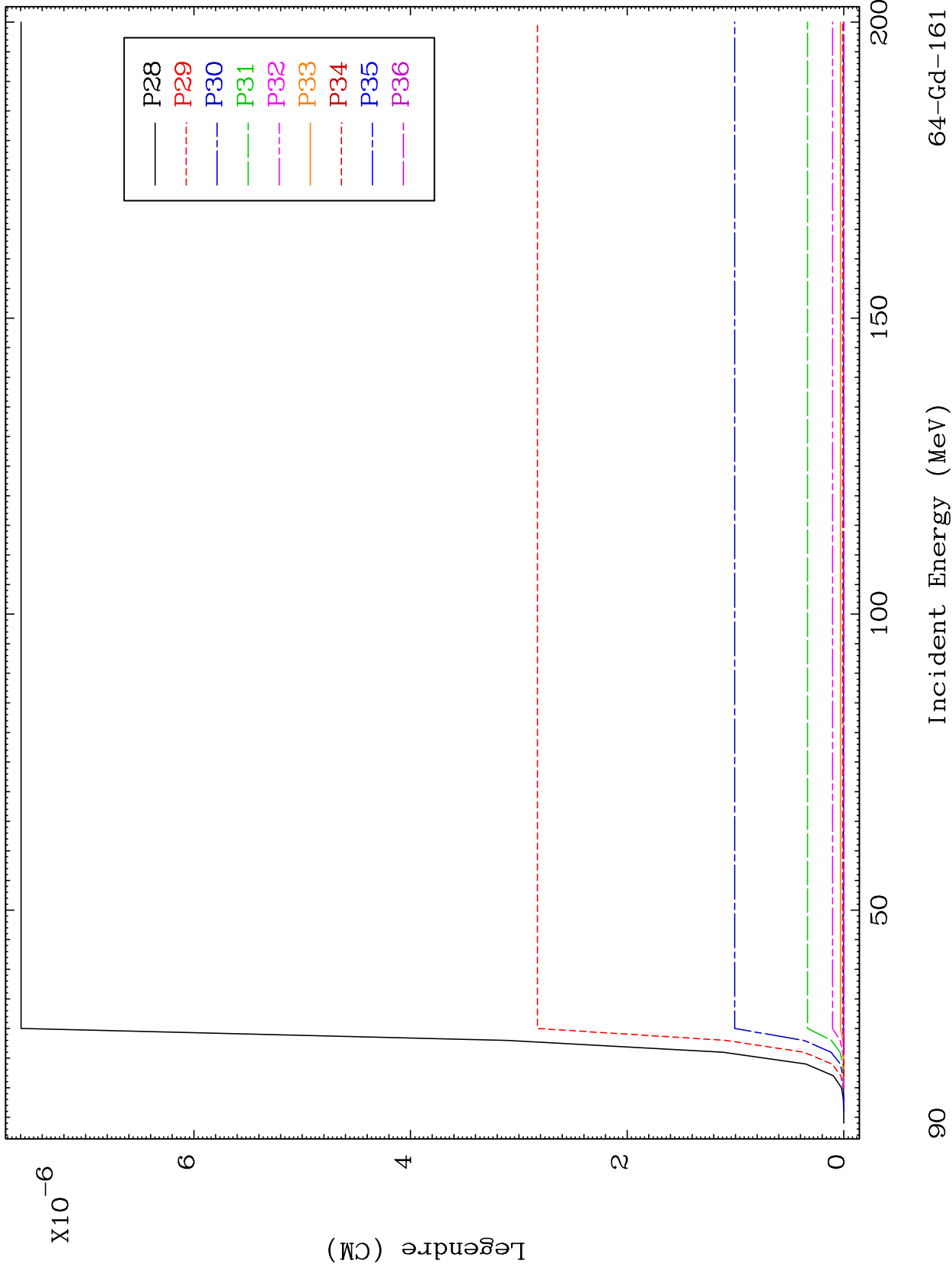
88



MAT 6452

824.0 keV (n,n') Level
Legendre Coefficients

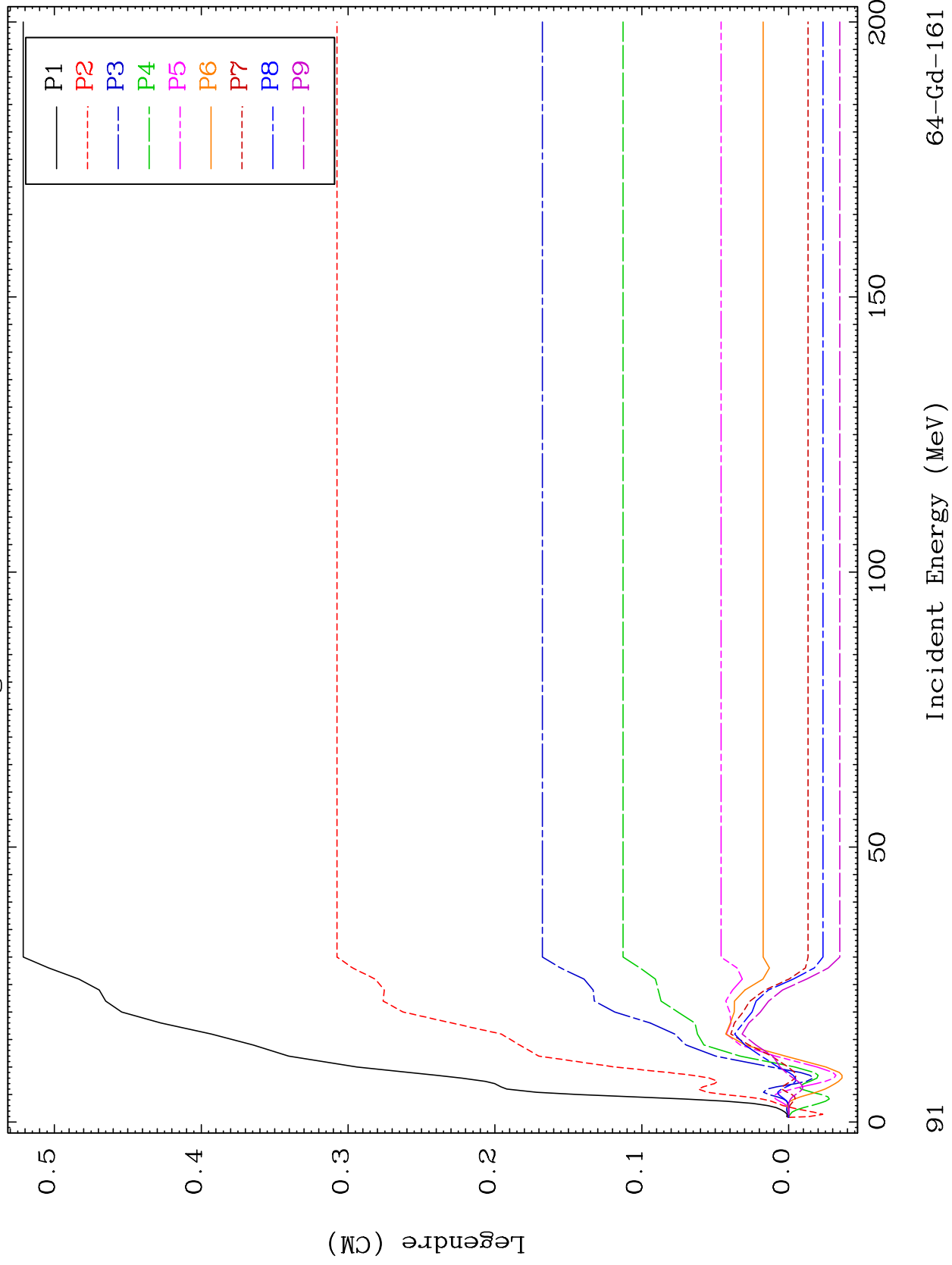
64-Gd-161



MAT 6452

834.0 keV (n,n') Level
Legendre Coefficients

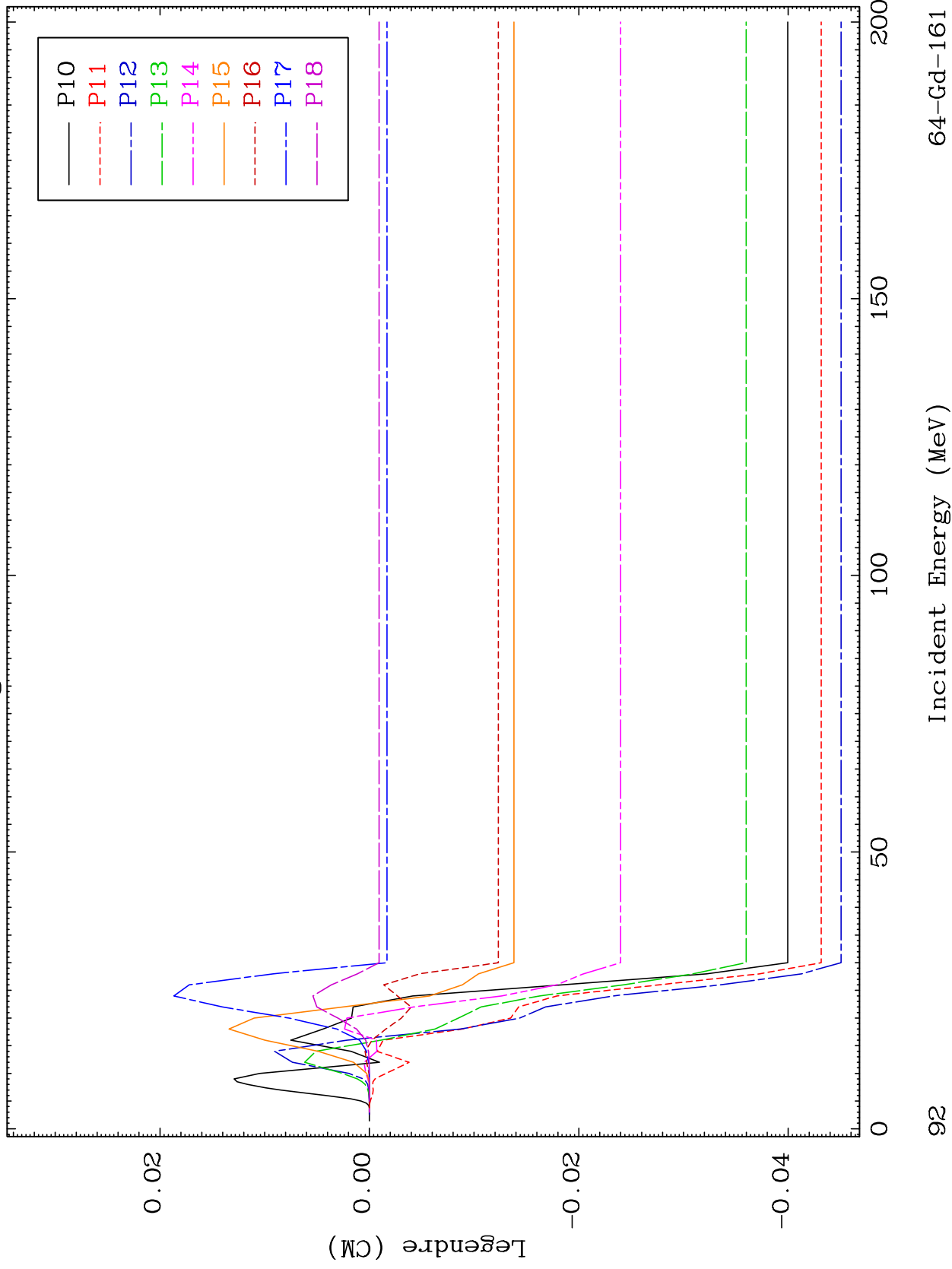
64-Gd-161



MAT 6452

834.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

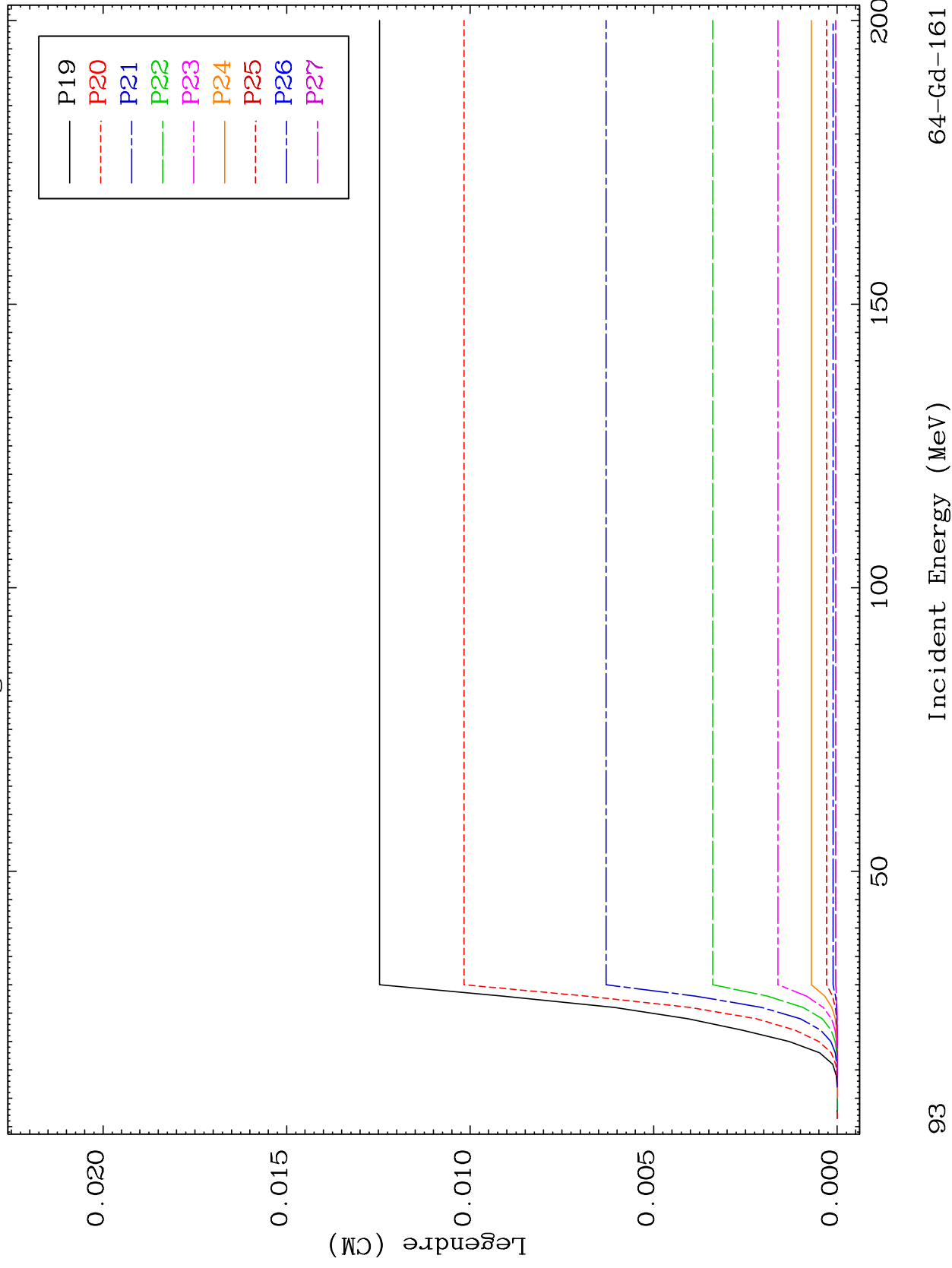
Incident Energy (MeV)

92

MAT 6452

834.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



93

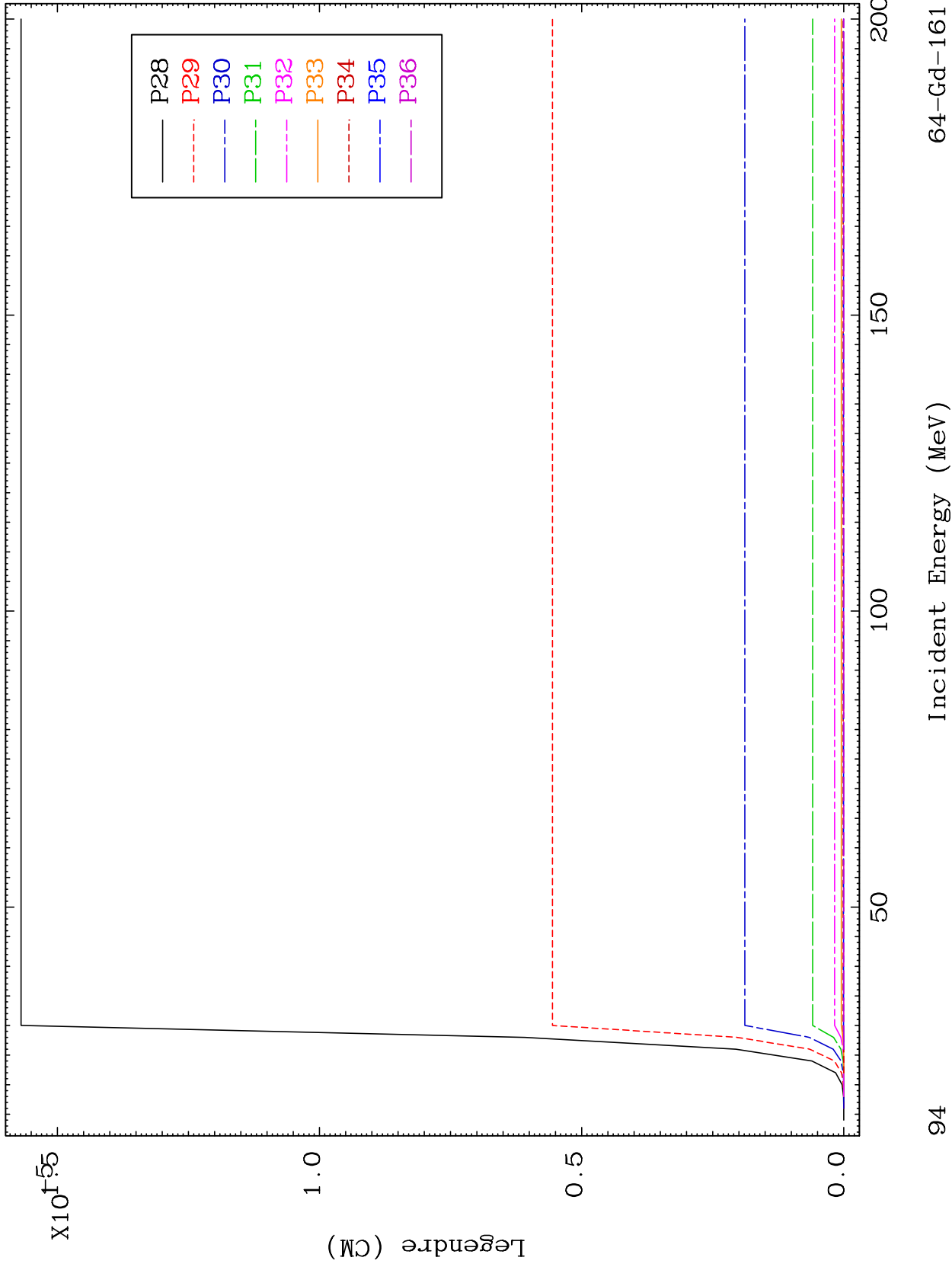
Incident Energy (MeV)

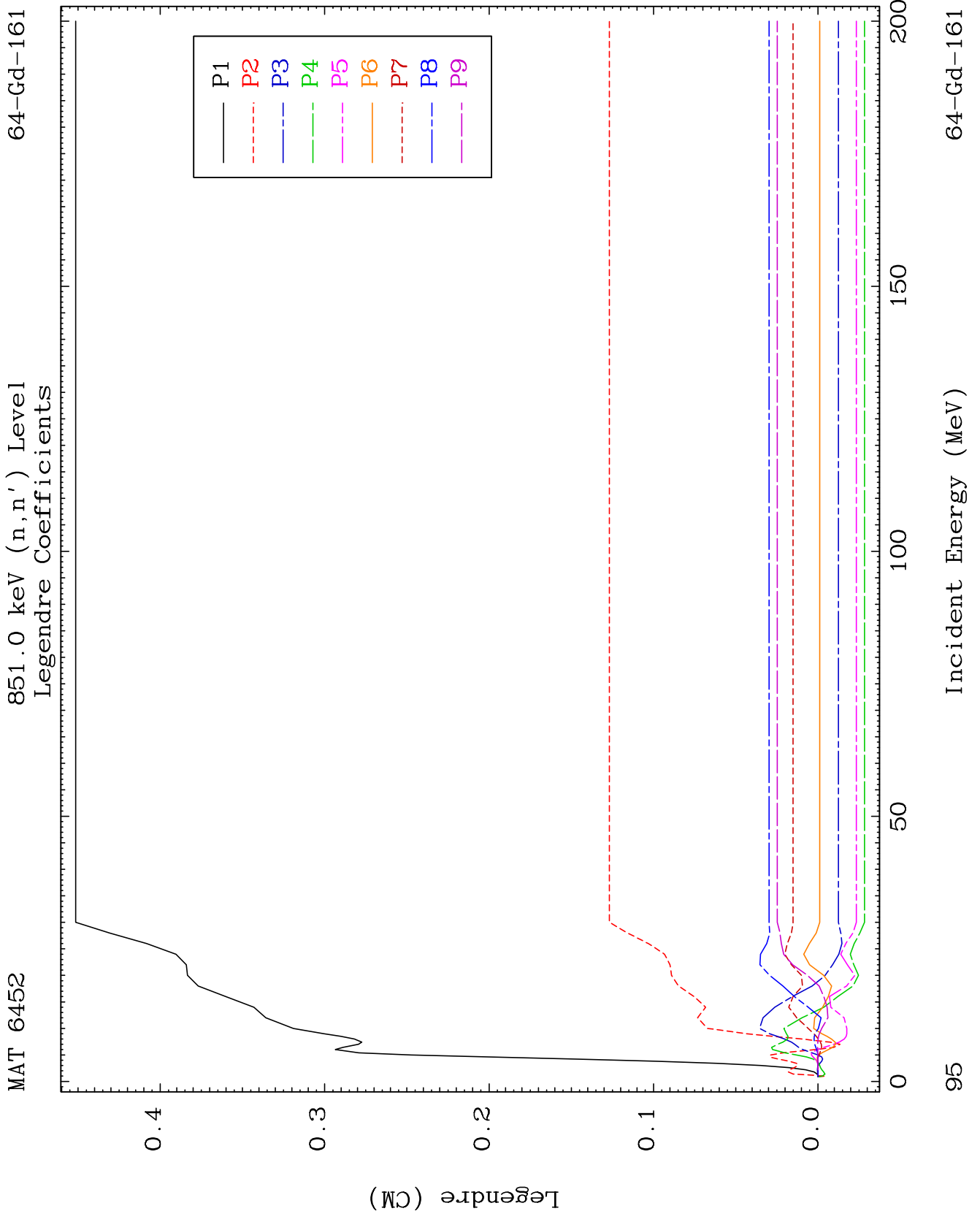
64-Gd-161

MAT 6452

834.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161

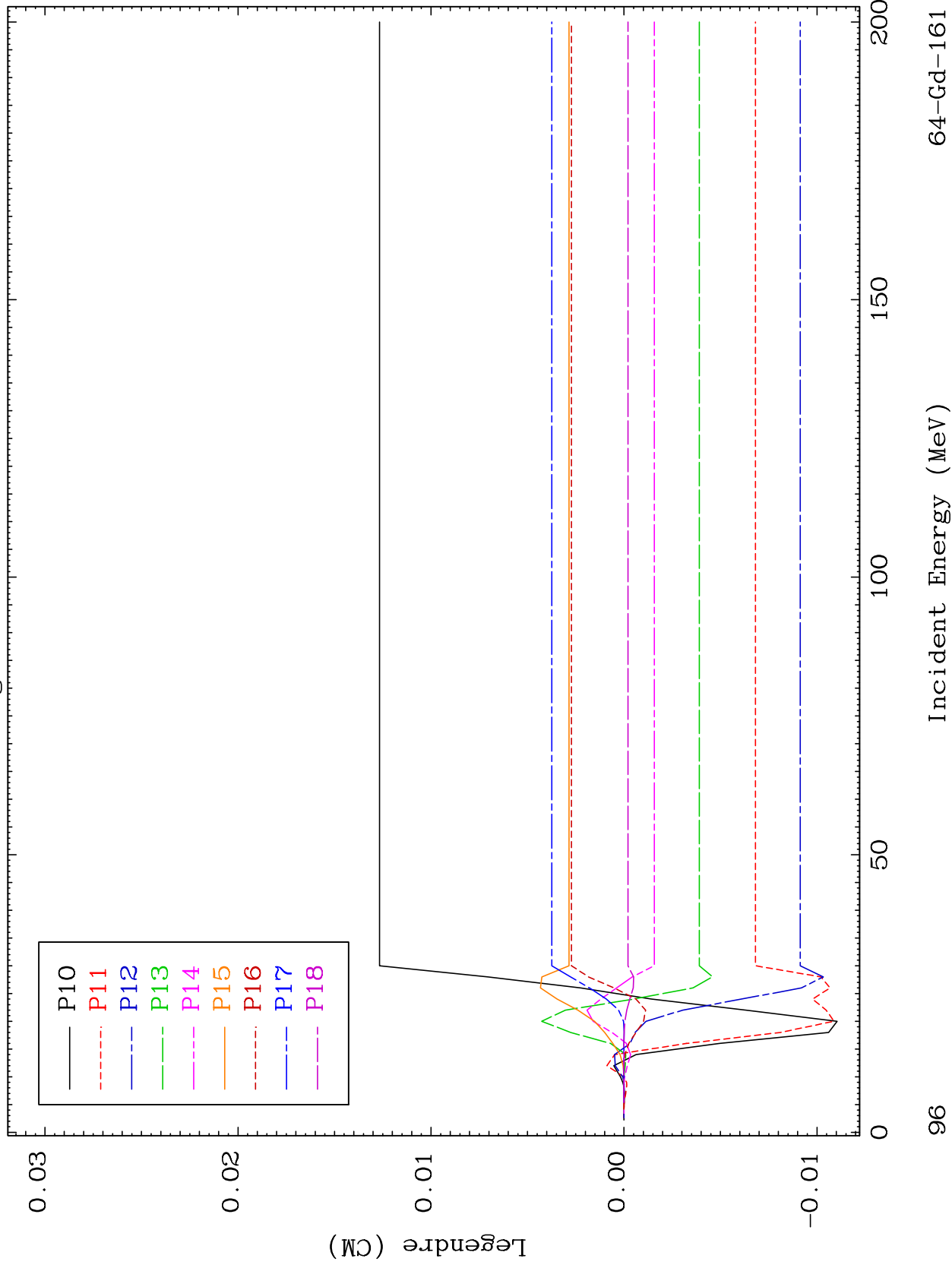




MAT 6452

851.0 keV (n,n') Level
Legendre Coefficients

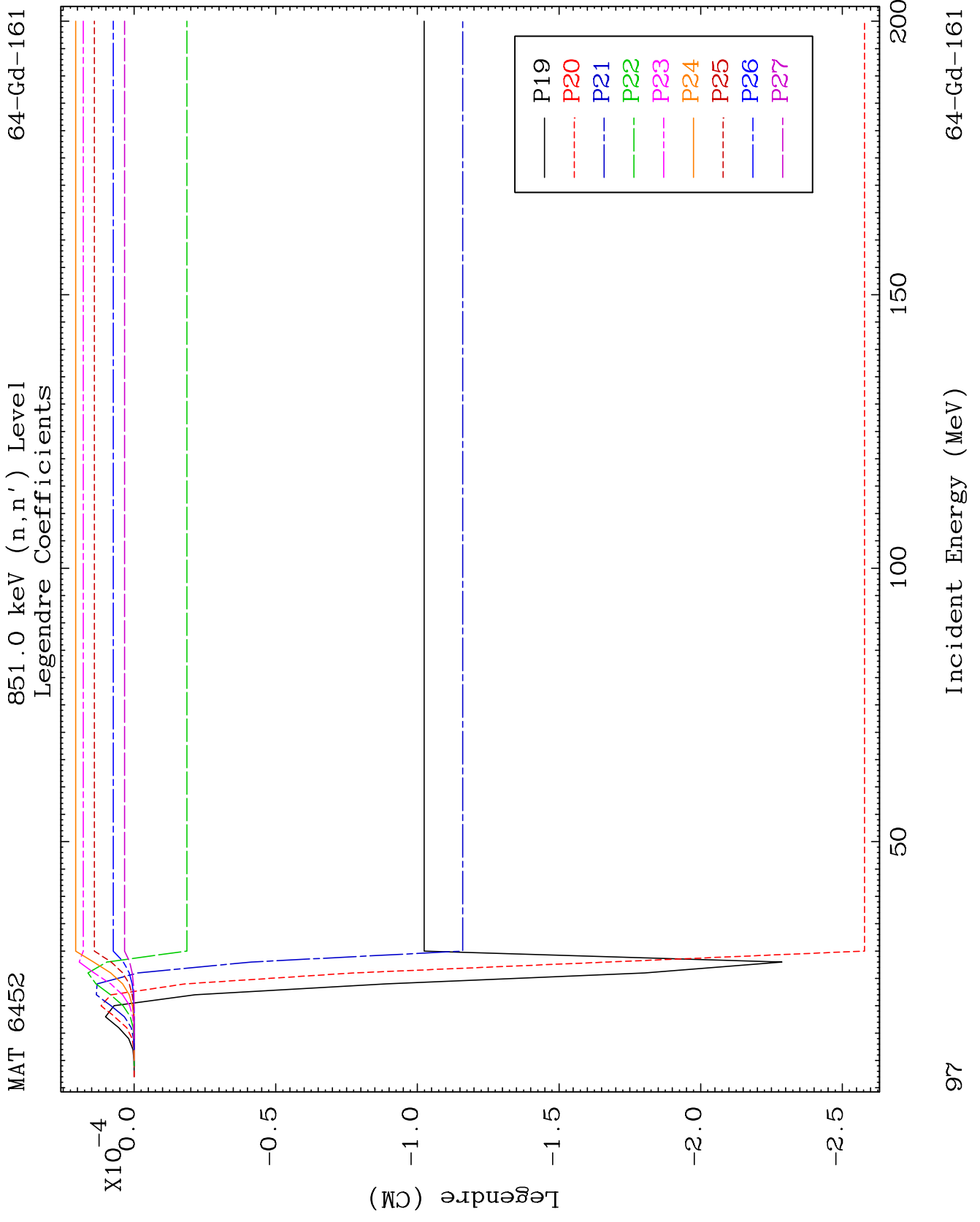
64-Gd-161

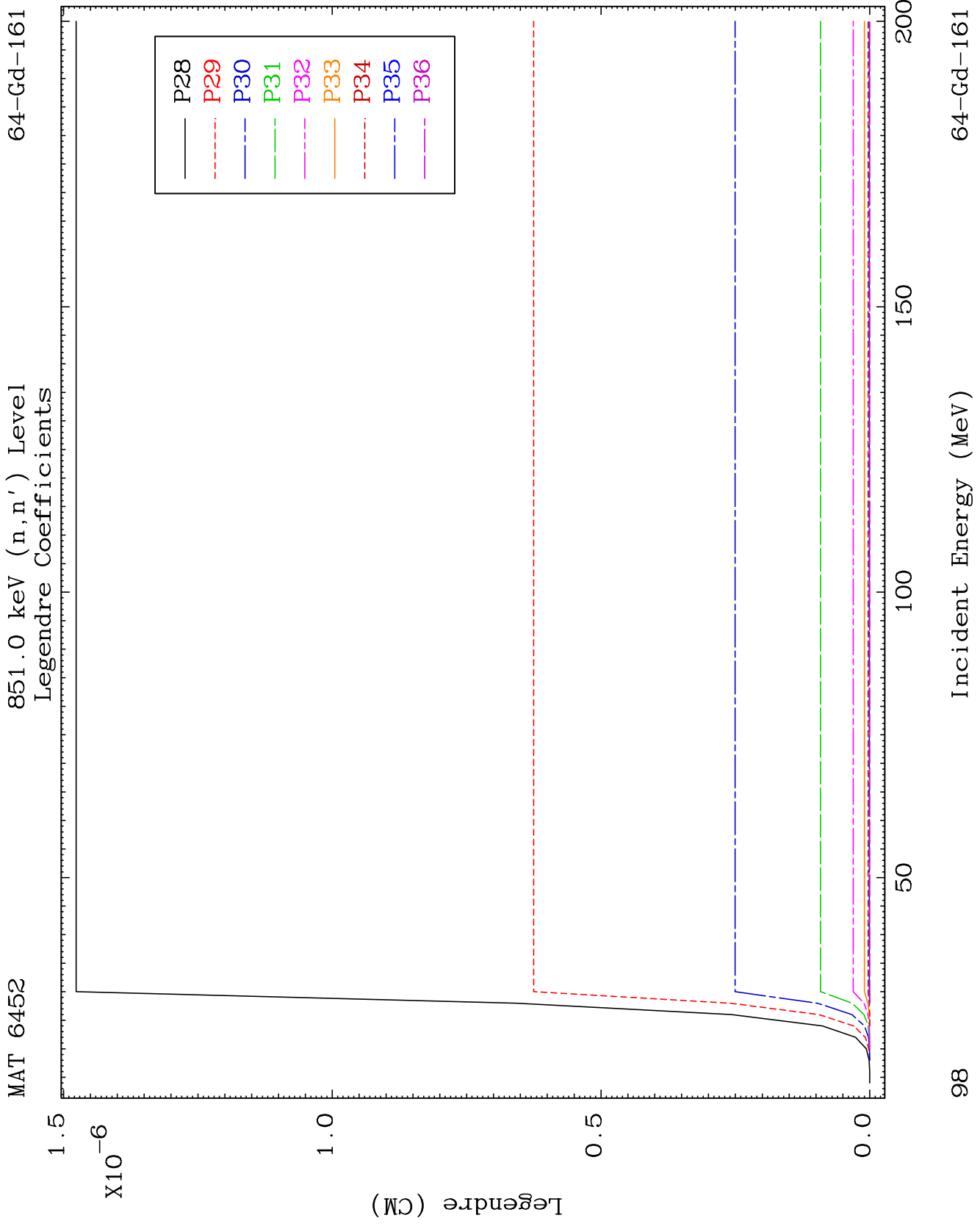


96

Incident Energy (MeV)

64-Gd-161

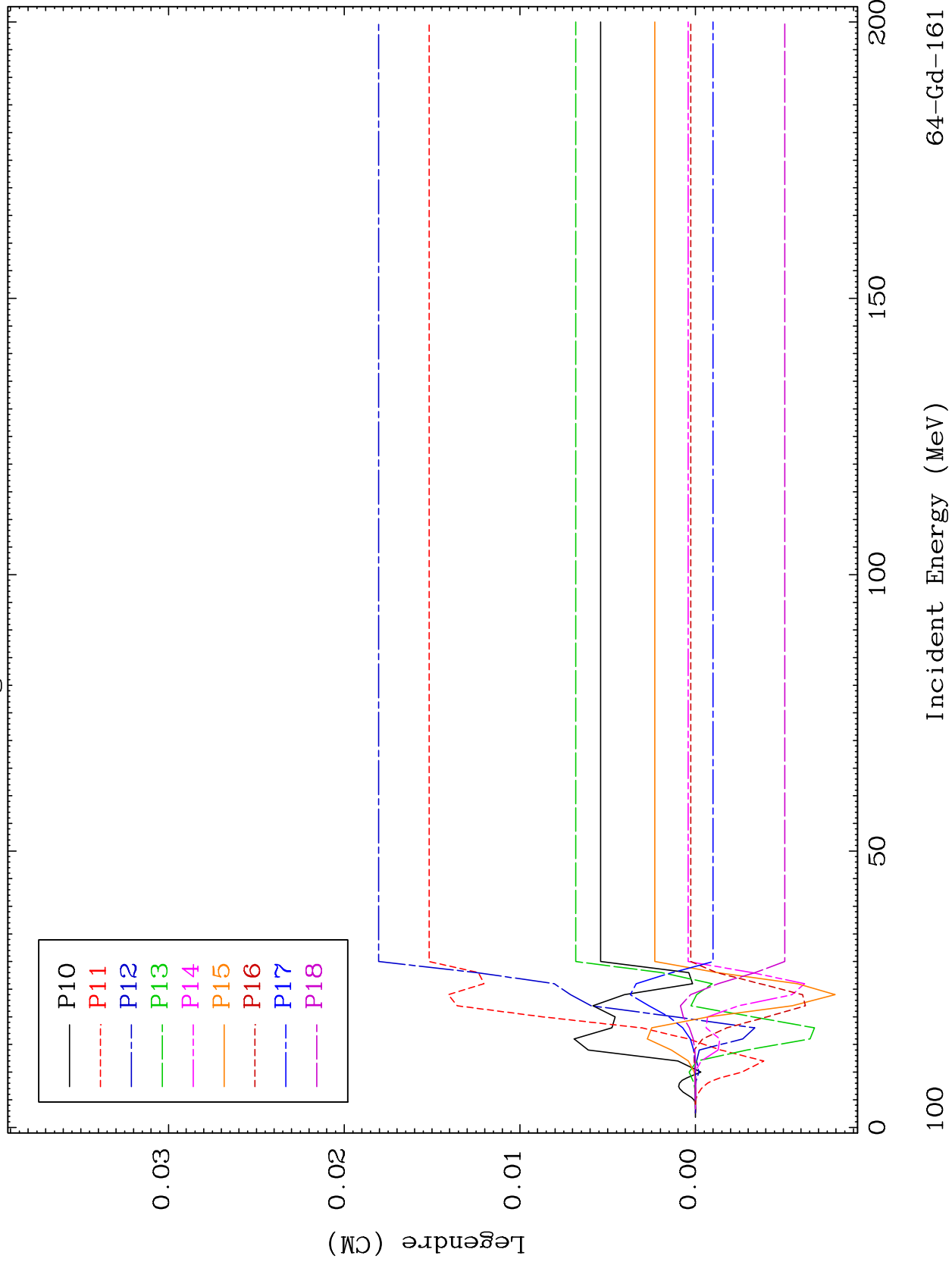




MAT 6452

889.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

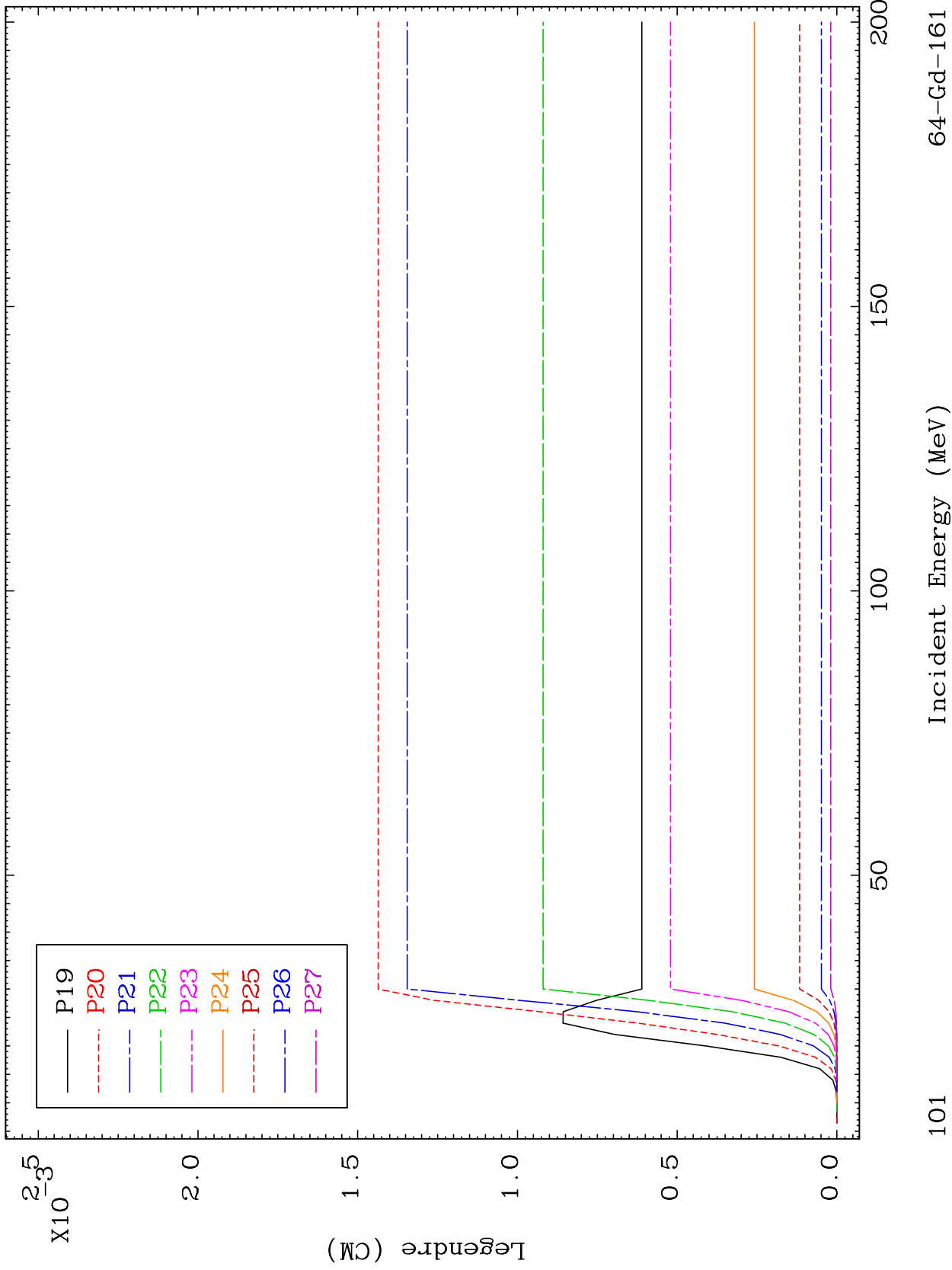
Incident Energy (MeV)

100

MAT 6452

889.0 keV (n,n') Level
Legendre Coefficients

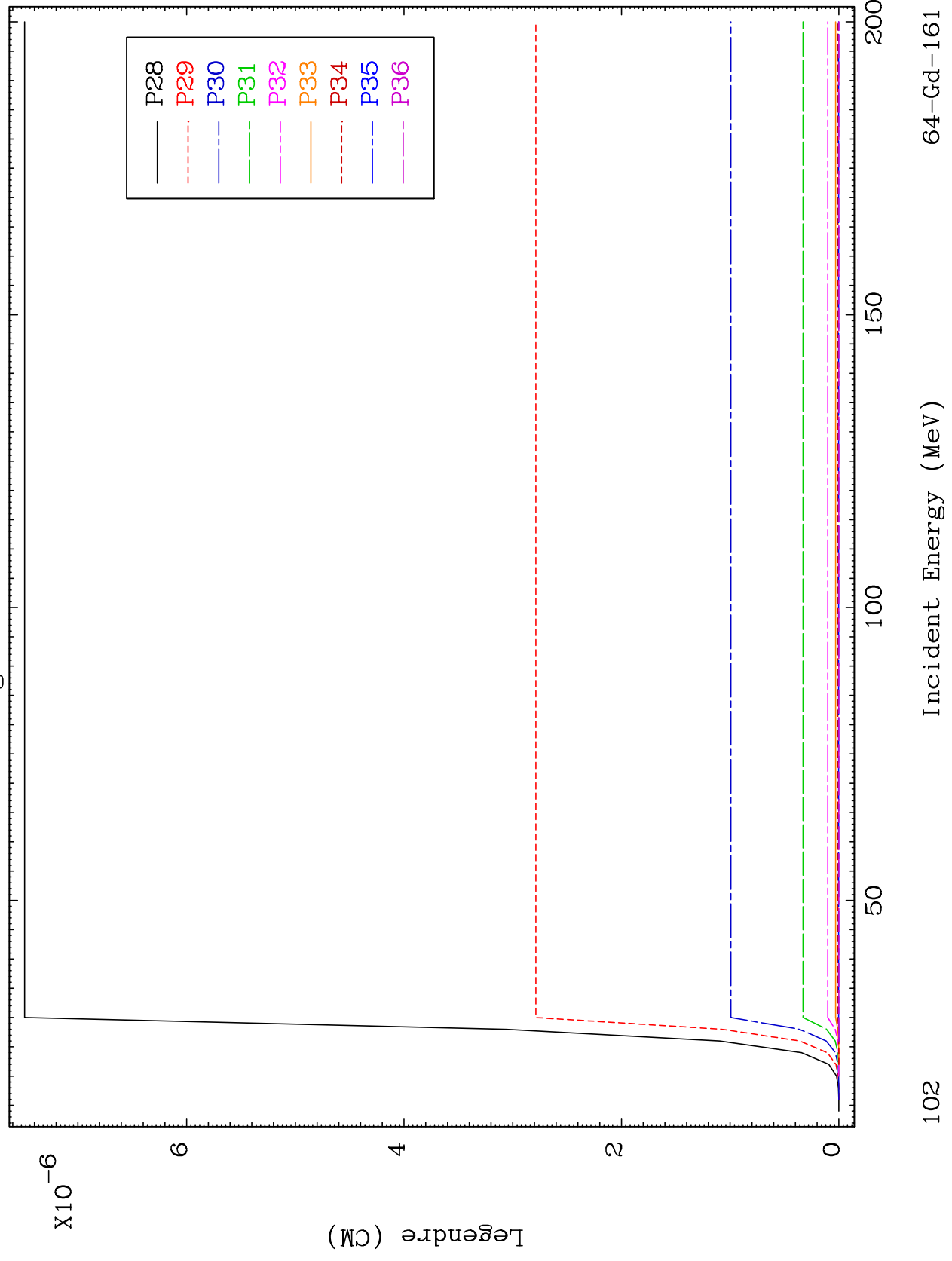
64-Gd-161

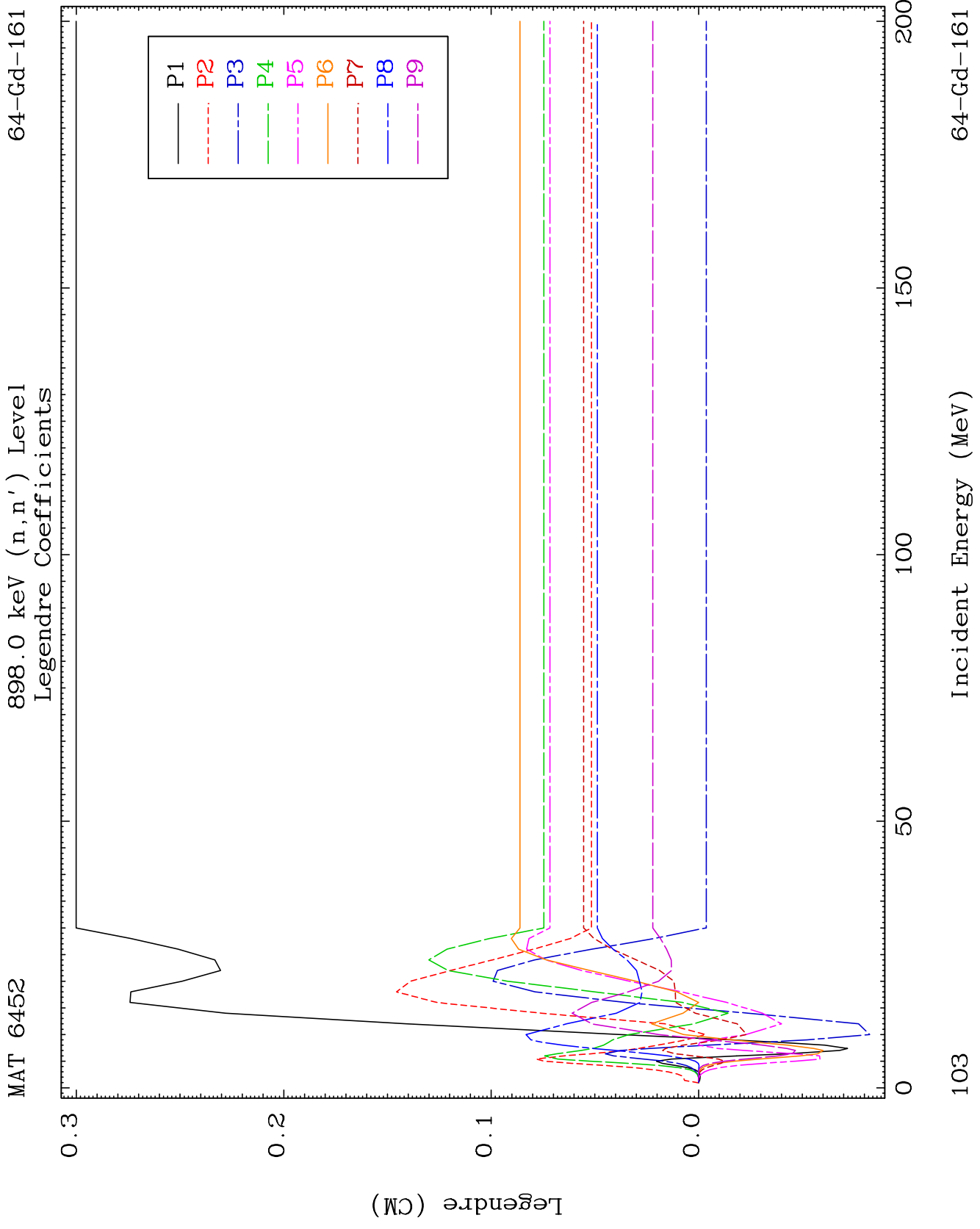


MAT 6452

889.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161

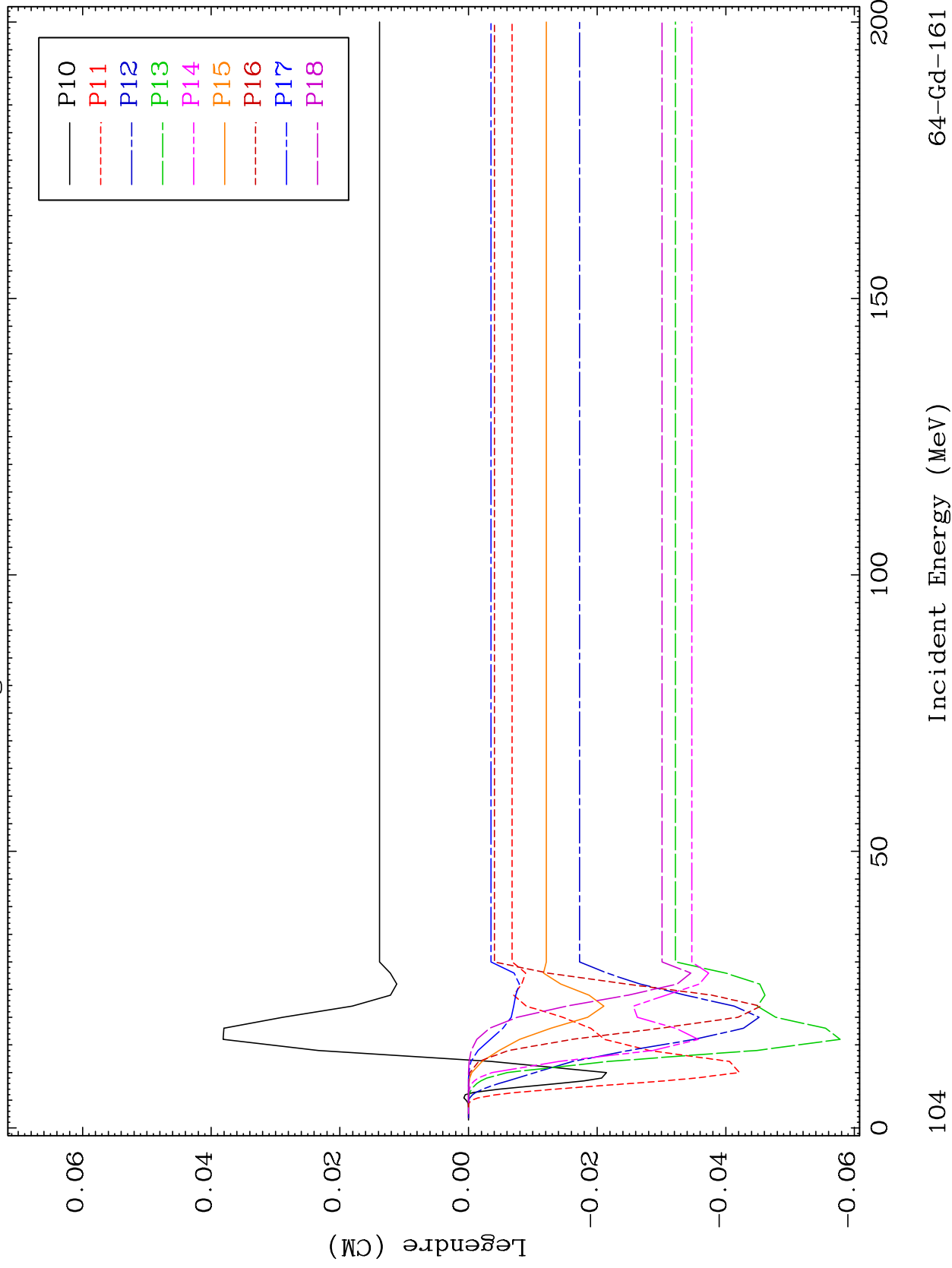




MAT 6452

898.0 keV (n,n') Level
Legendre Coefficients

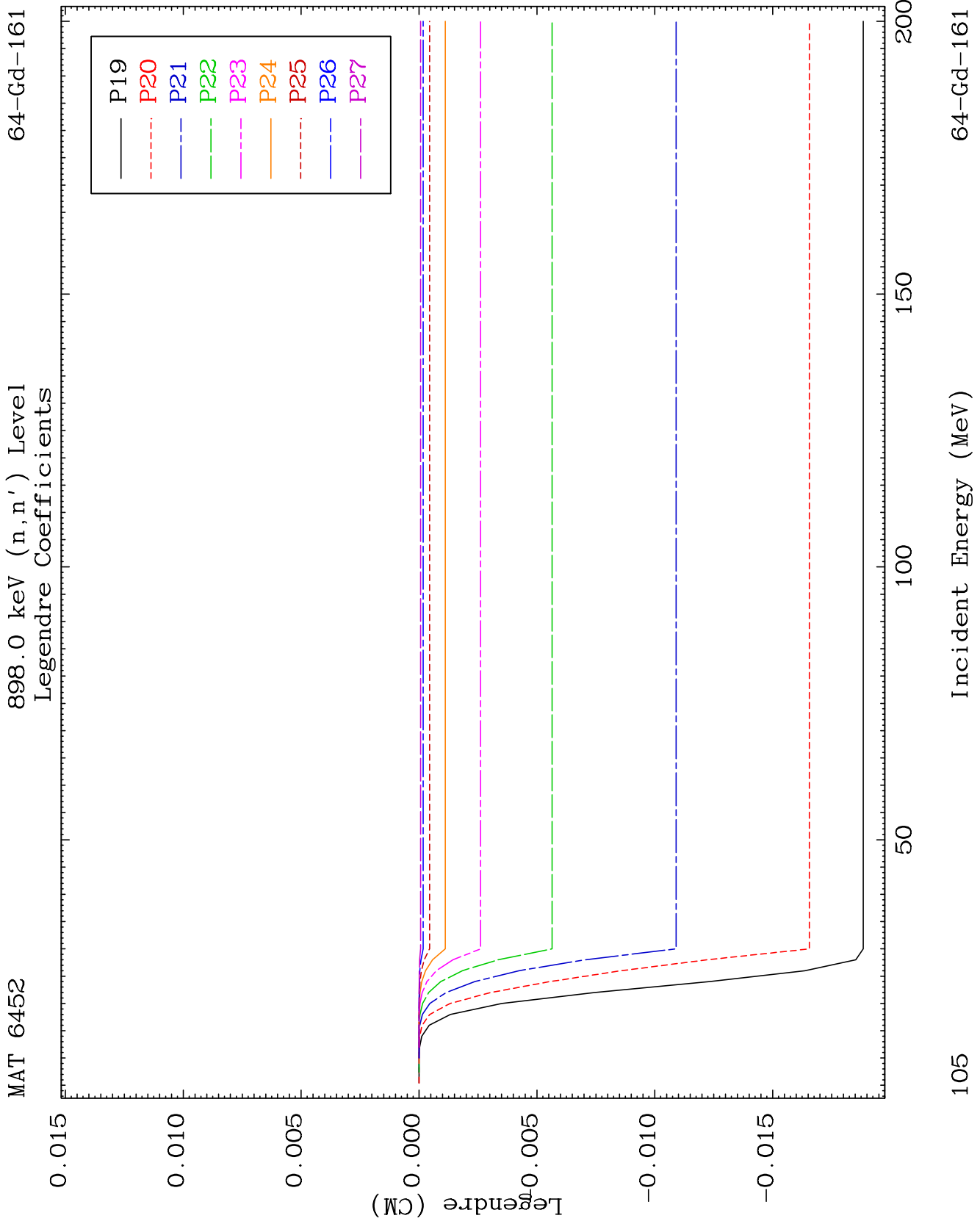
64-Gd-161

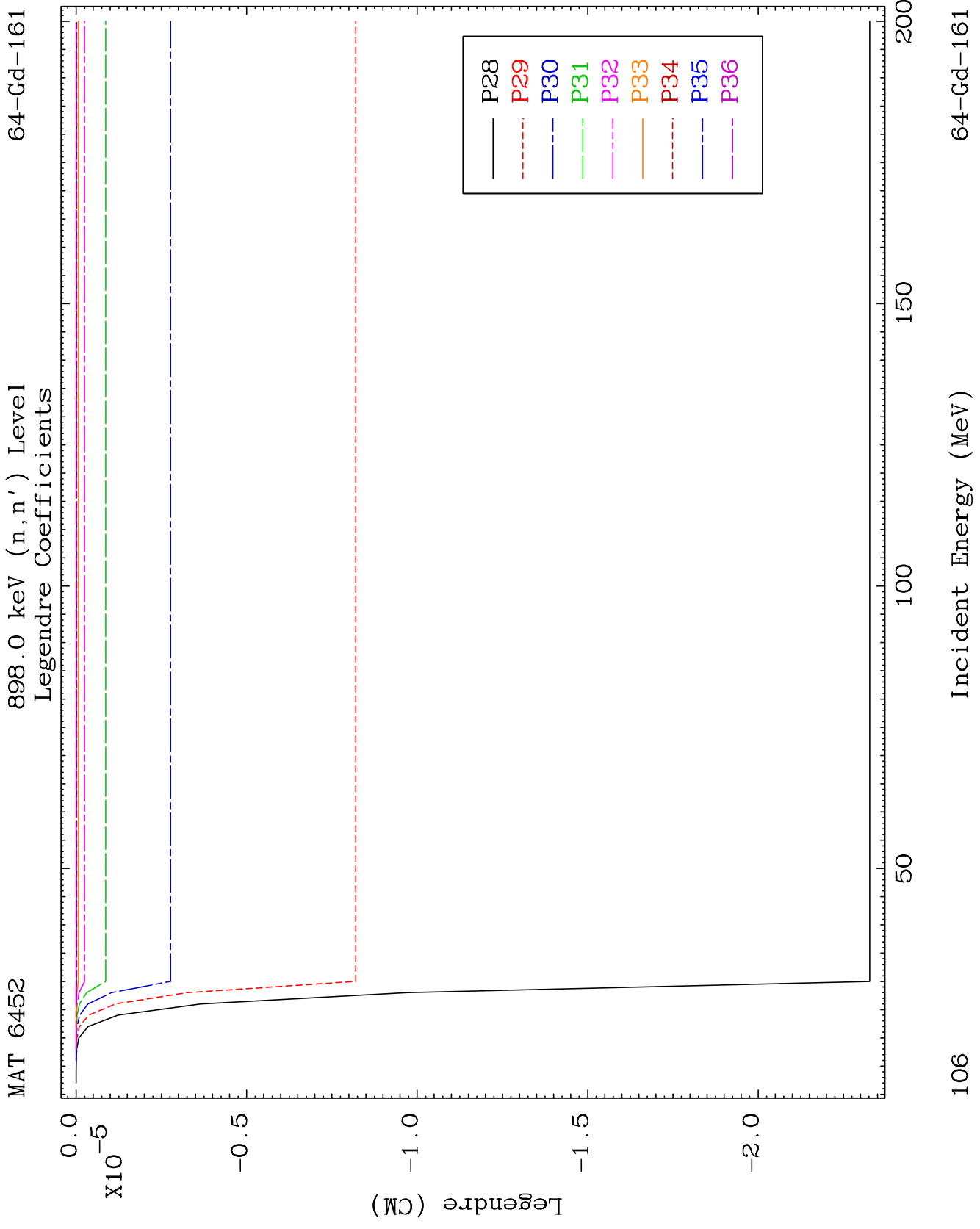


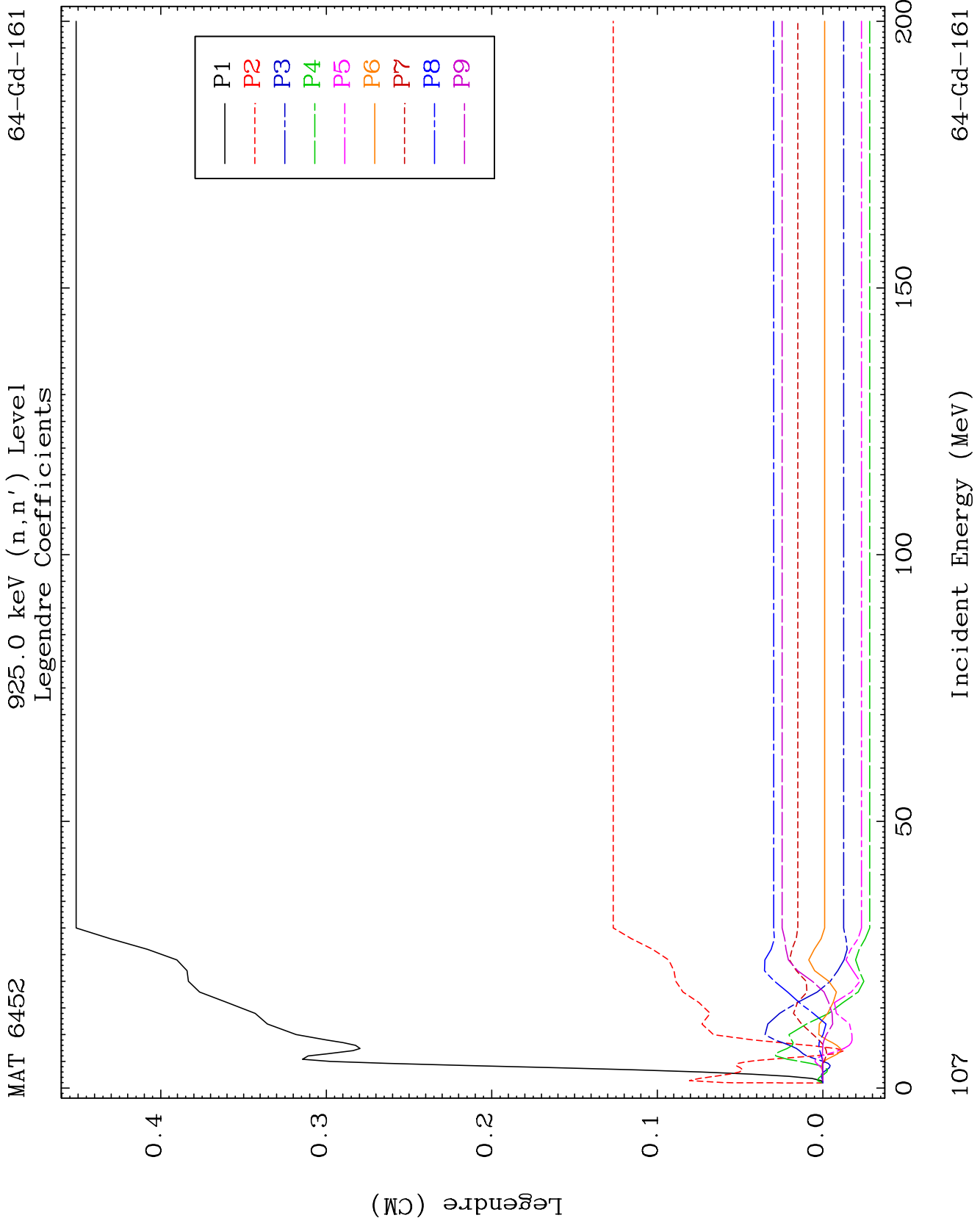
104

Incident Energy (MeV)

64-Gd-161



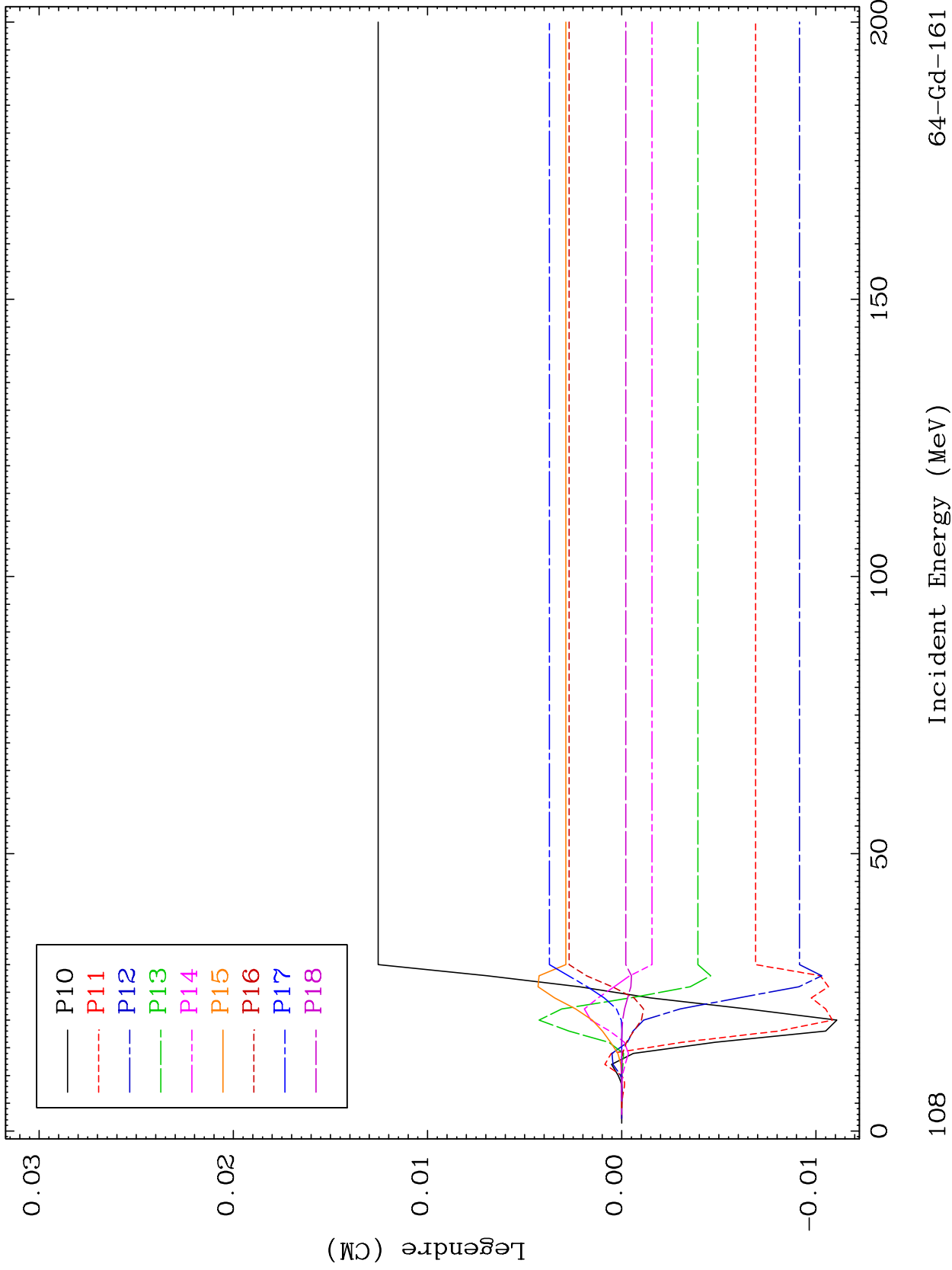




MAT 6452

925.0 keV (n,n') Level
Legendre Coefficients

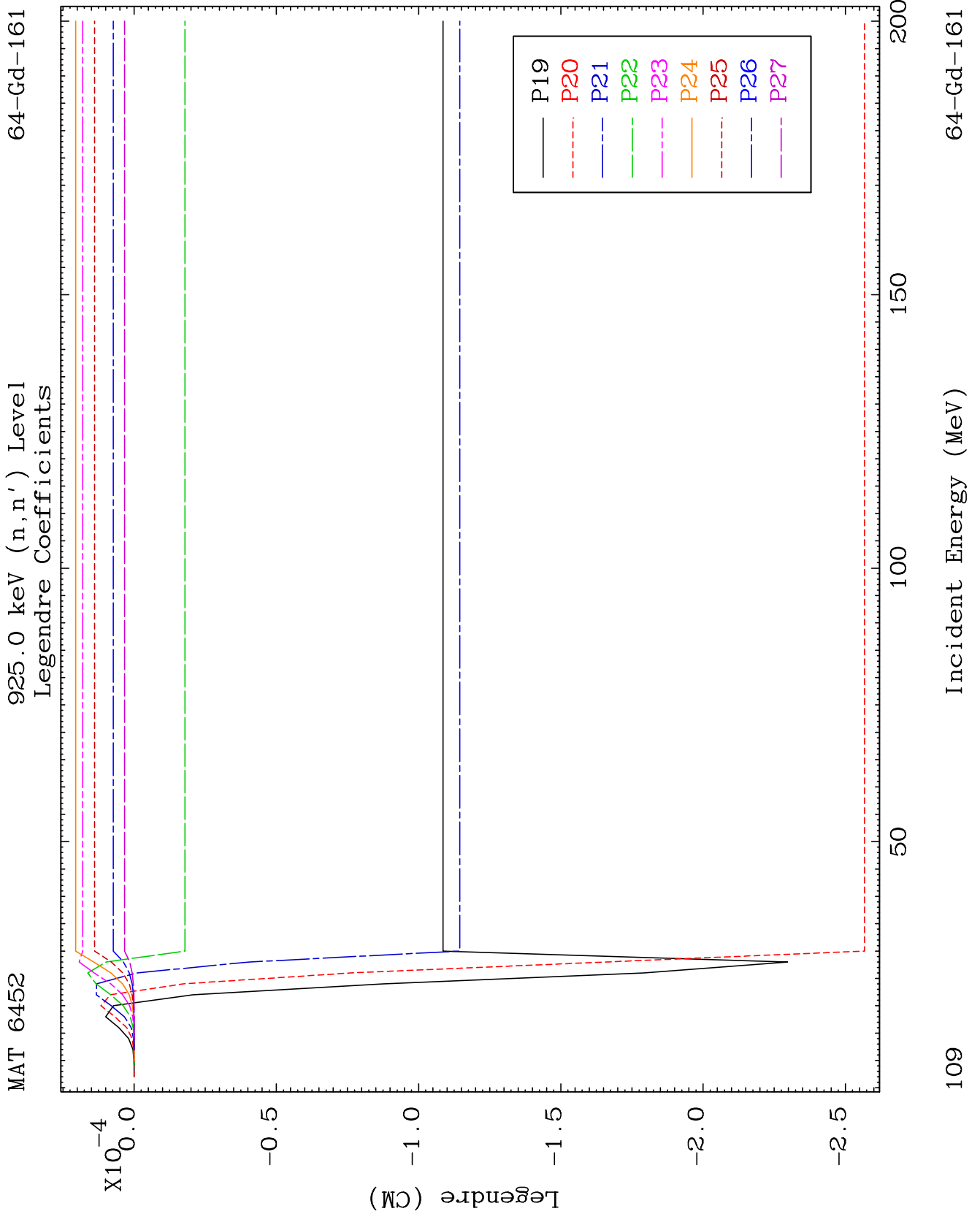
64-Gd-161



64-Gd-161

Incident Energy (MeV)

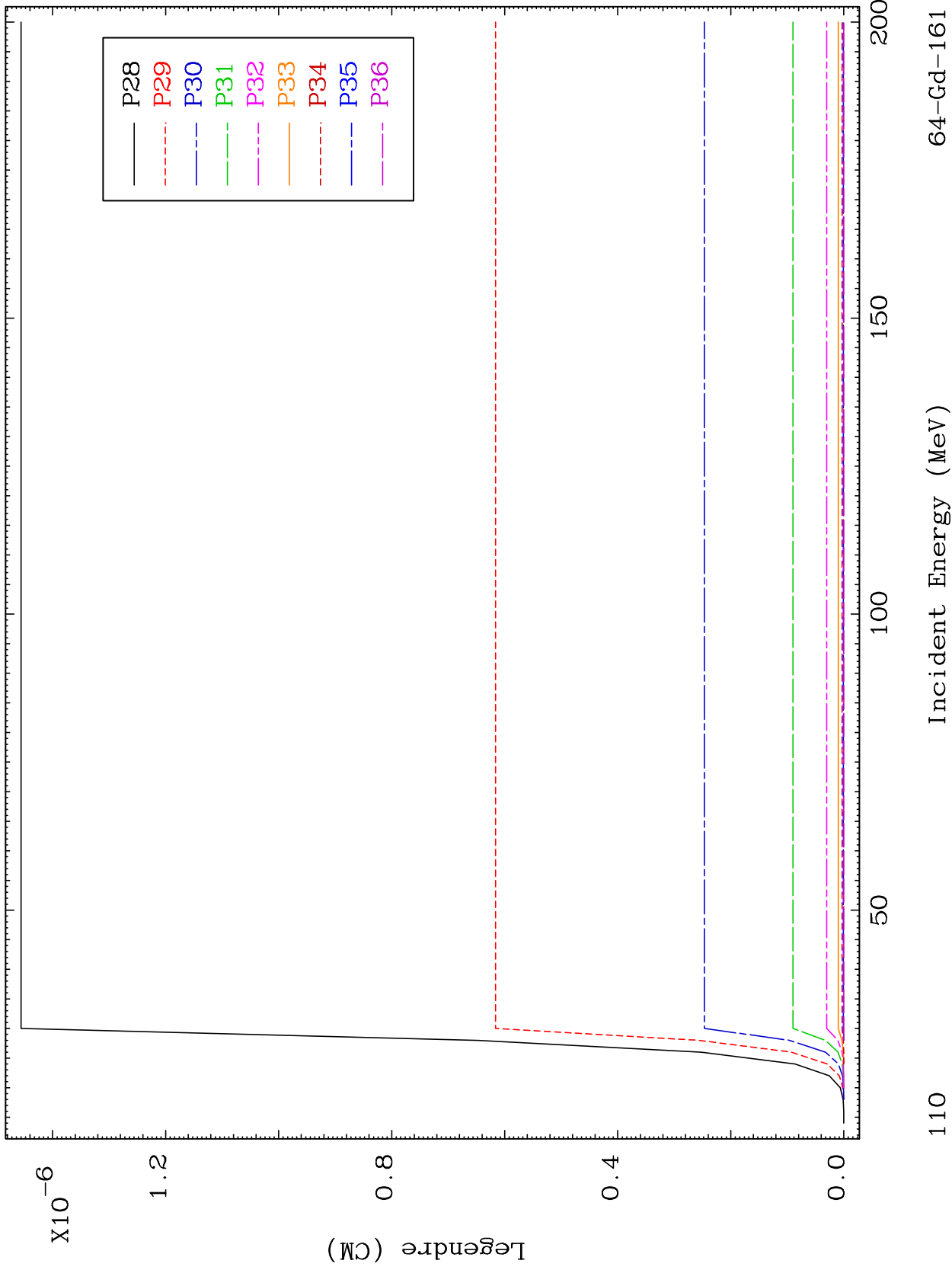
108

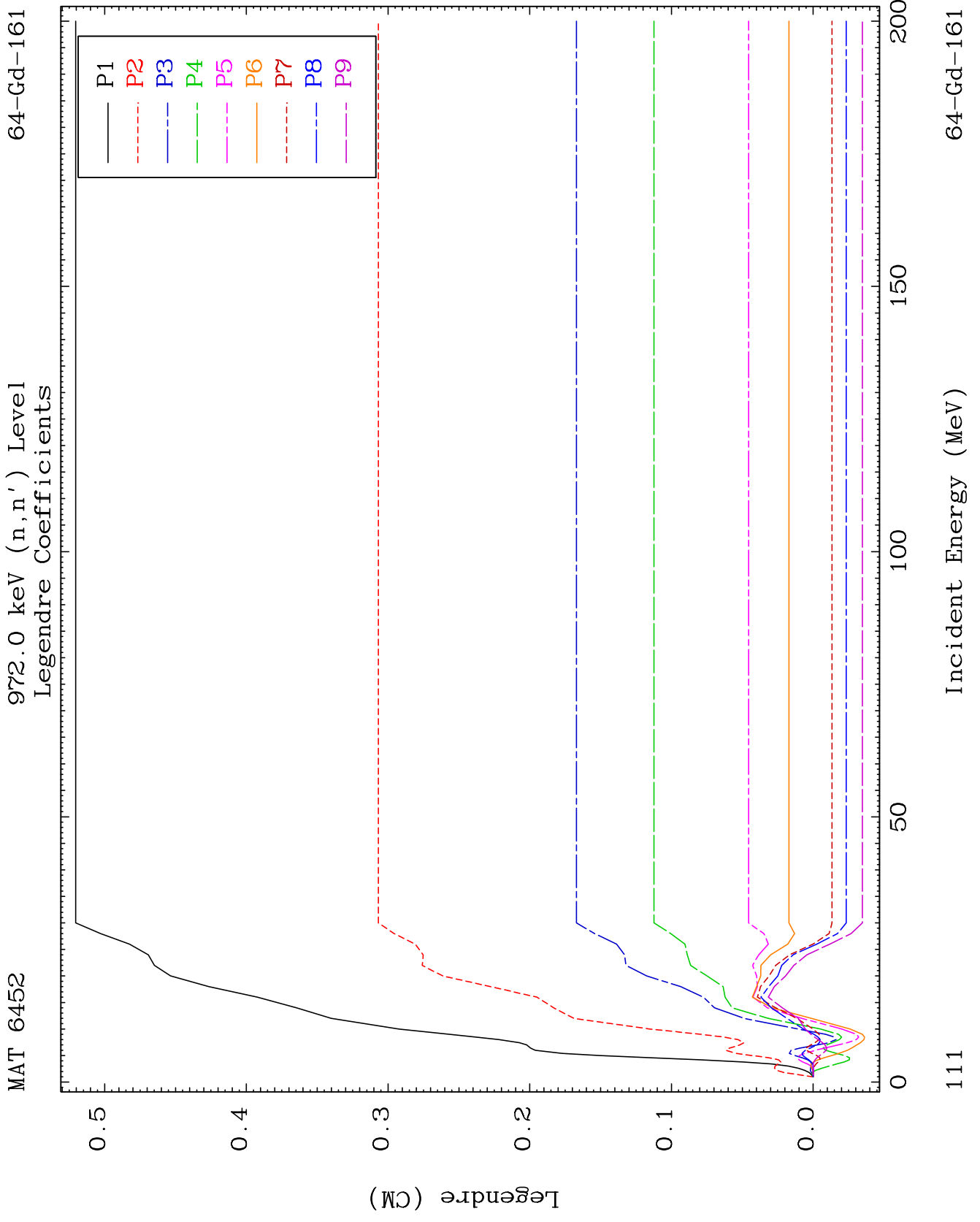


MAT 6452

925.0 keV (n,n') Level
Legendre Coefficients

64-Gd-161

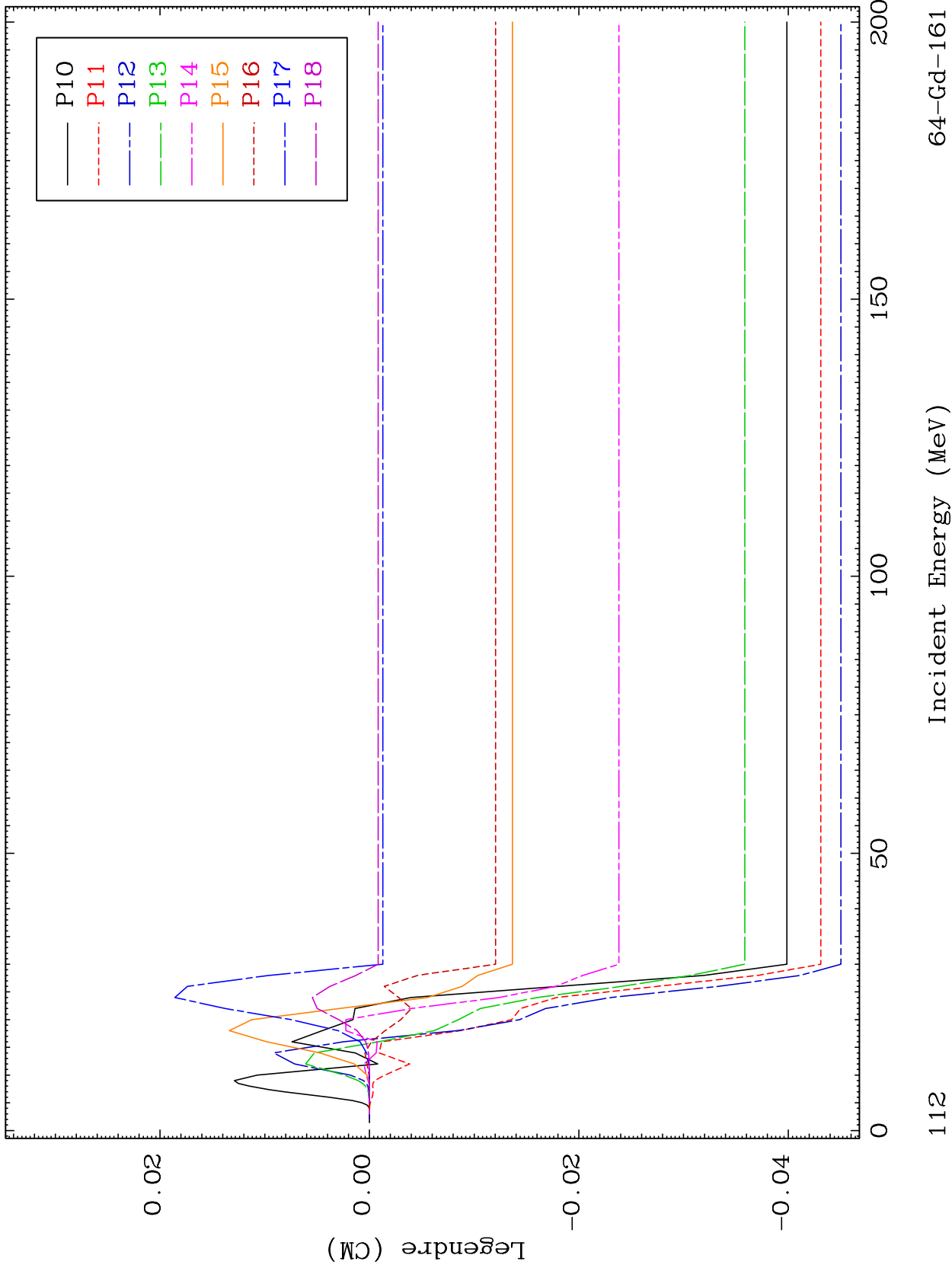




MAT 6452

972.0 keV (n,n') Level
Legendre Coefficients

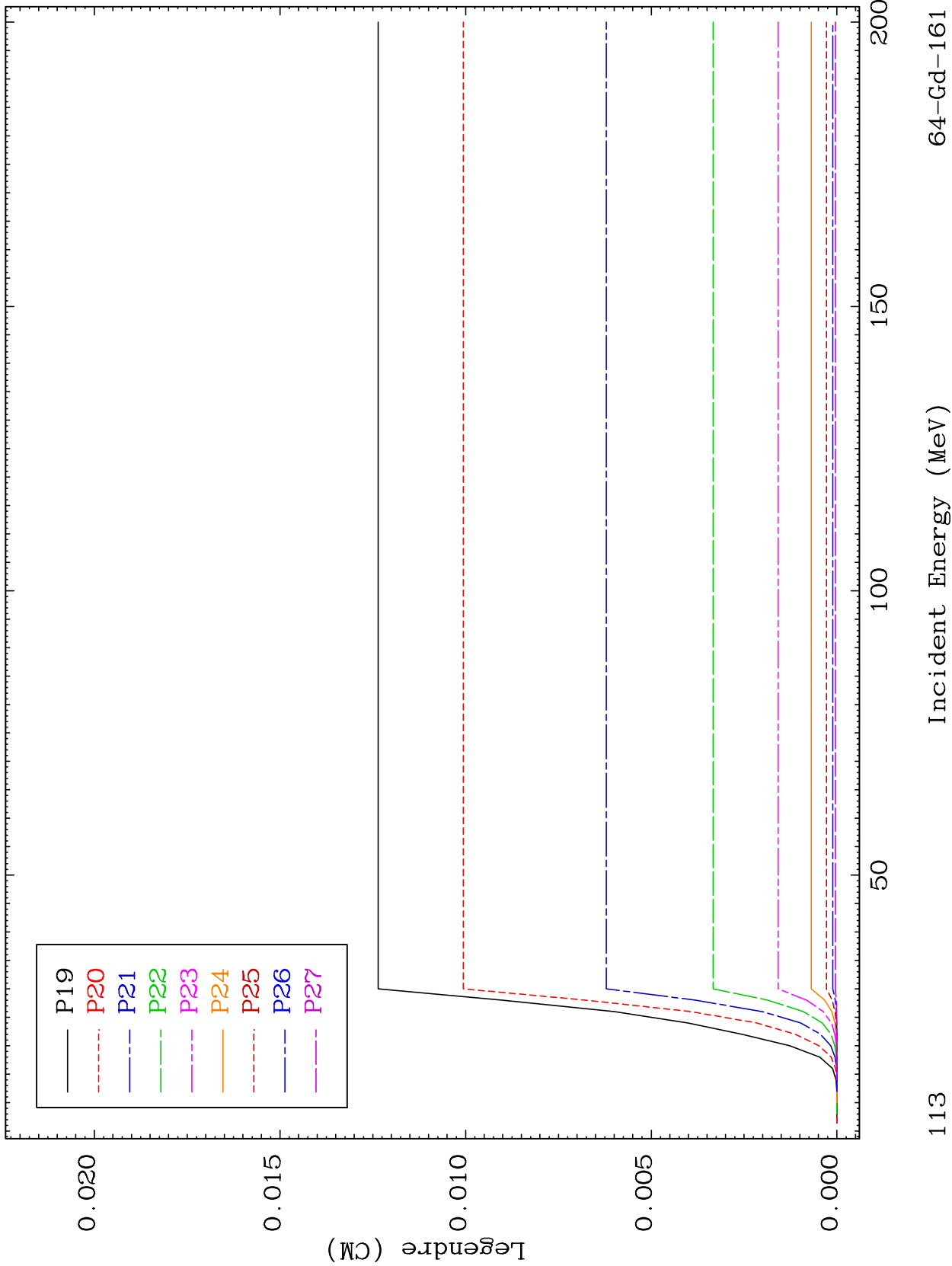
64-Gd-161

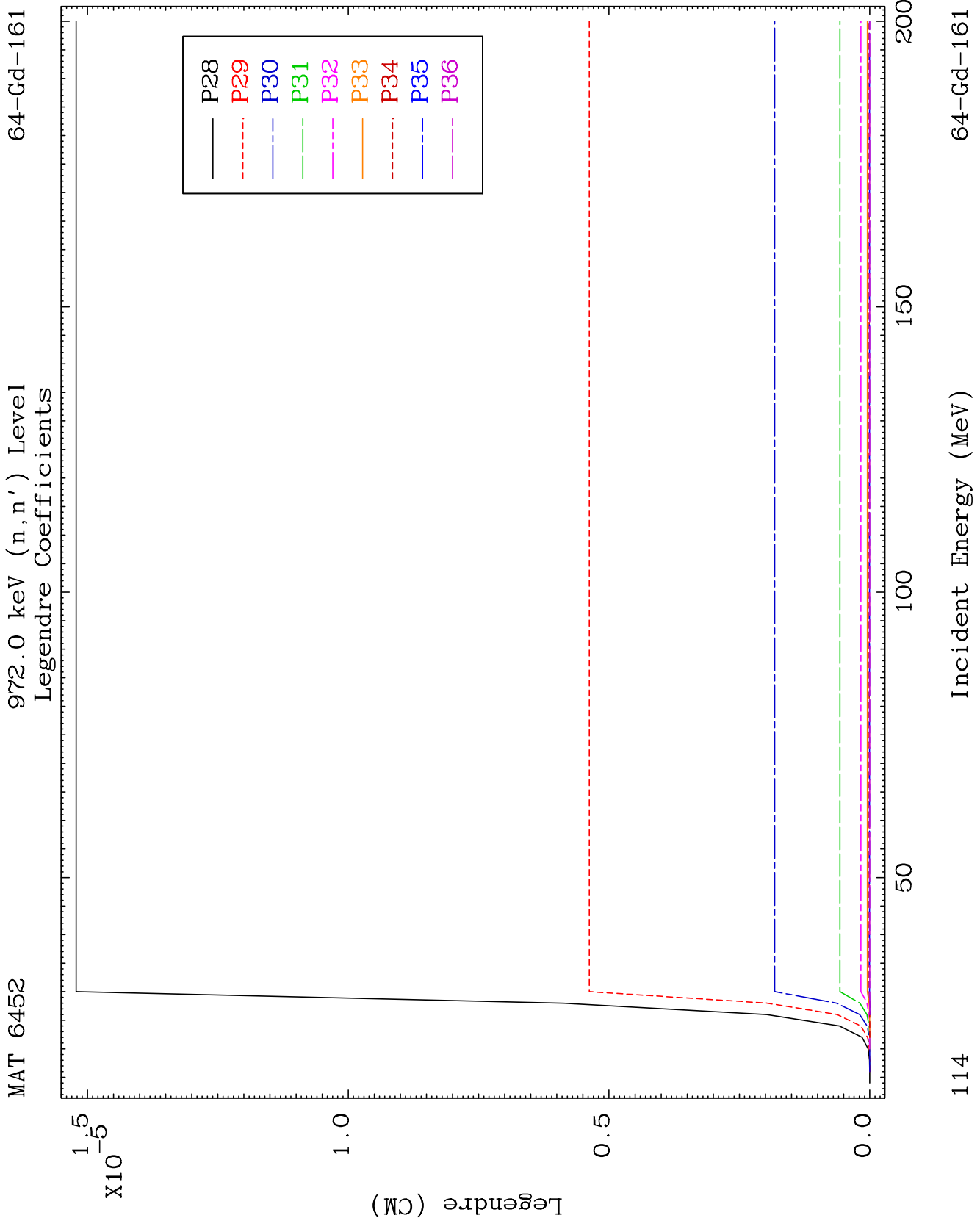


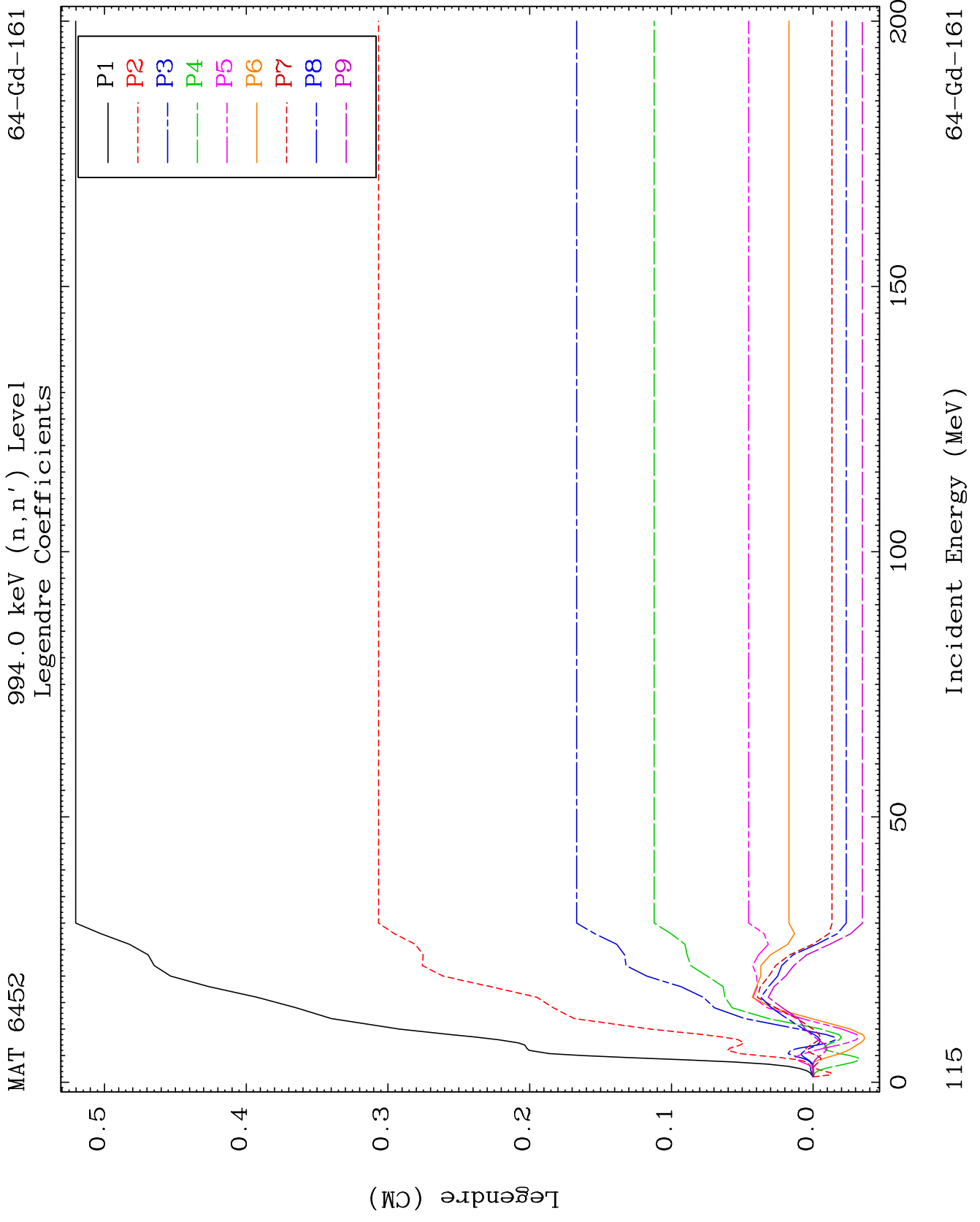
112

Incident Energy (MeV)

64-Gd-161



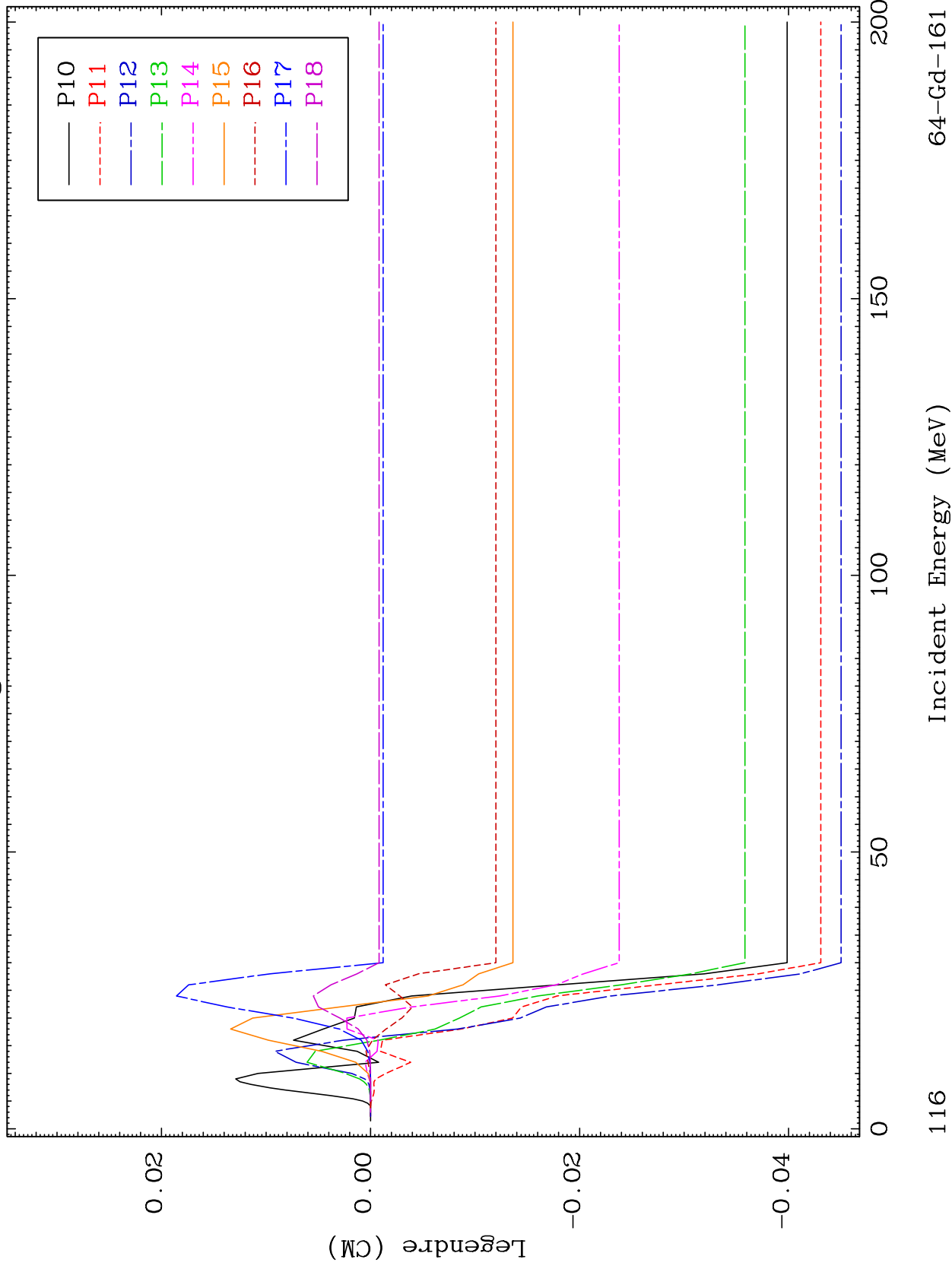




MAT 6452

994.0 keV (n,n') Level
Legendre Coefficients

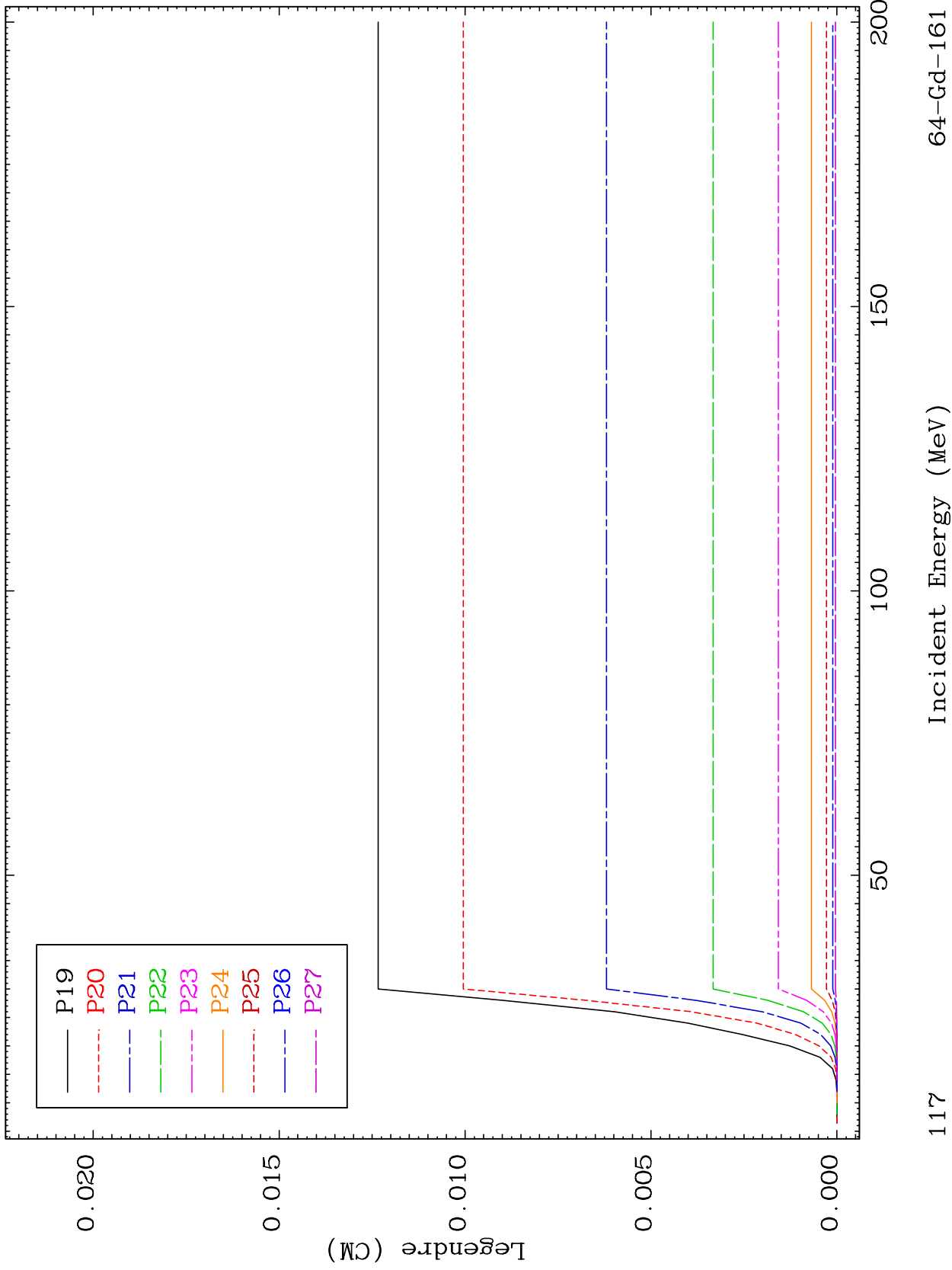
64-Gd-161

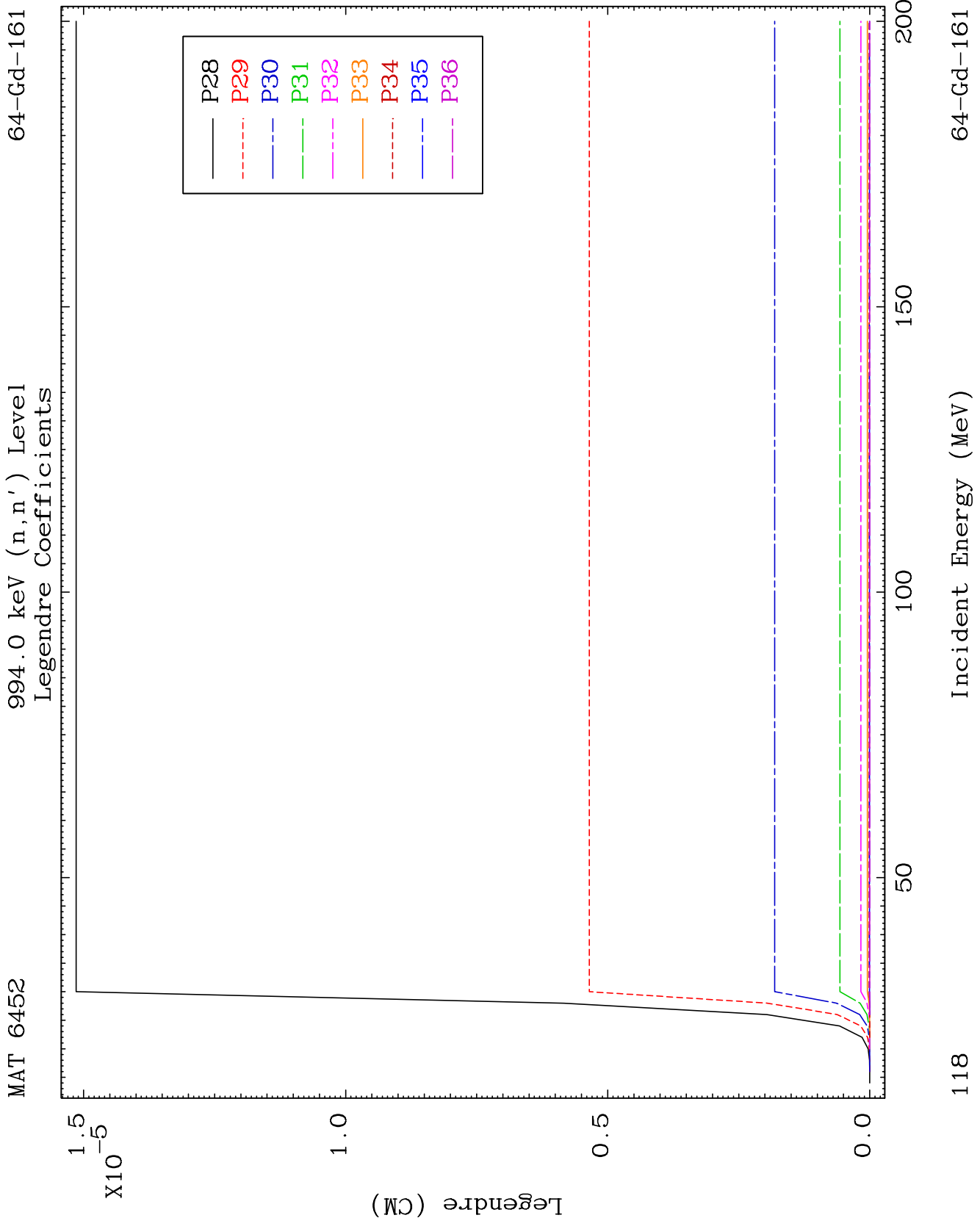


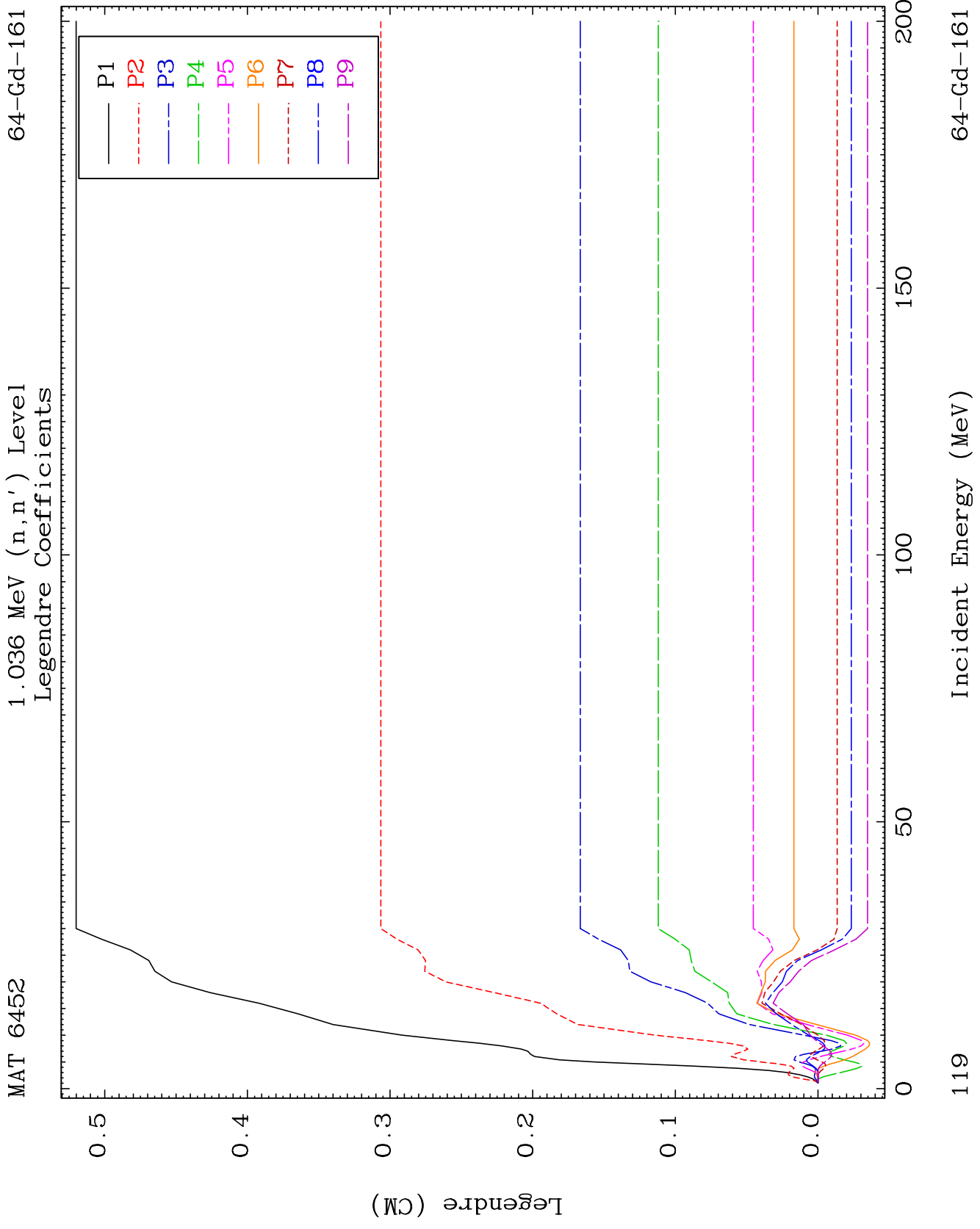
116

Incident Energy (MeV)

64-Gd-161



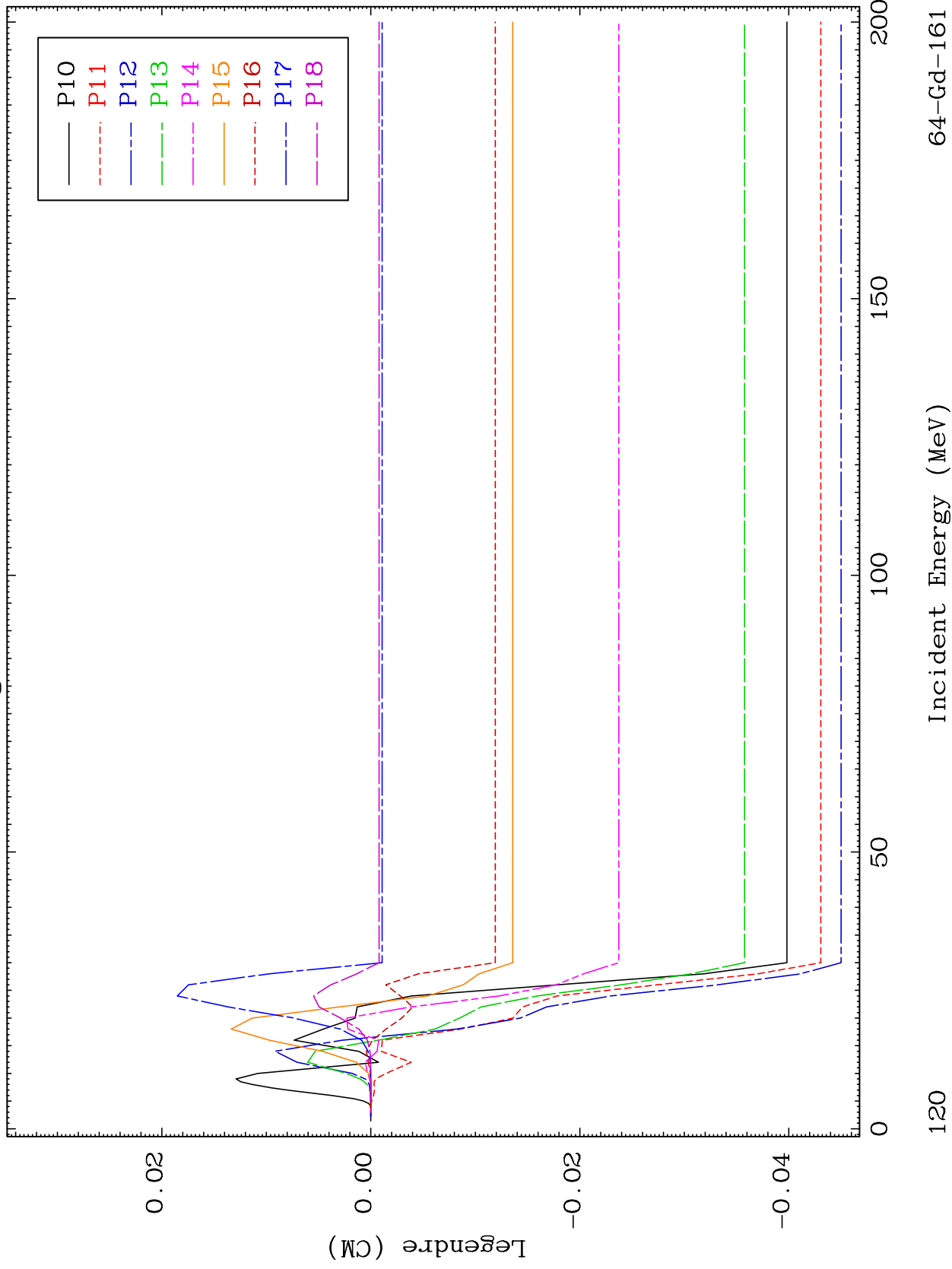




MAT 6452

1.036 MeV (n,n') Level
Legendre Coefficients

64-Gd-161



64-Gd-161

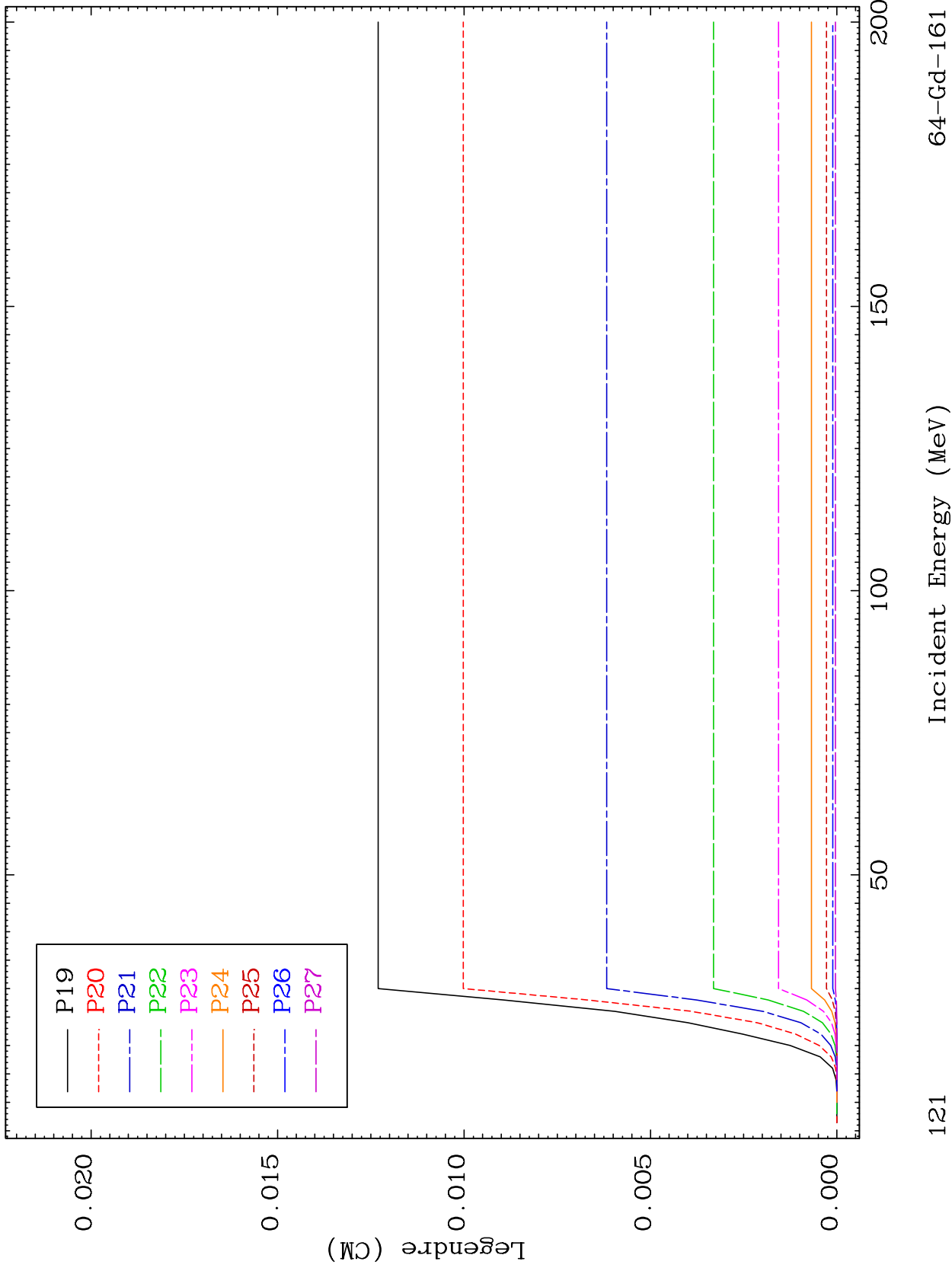
Incident Energy (MeV)

120

MAT 6452

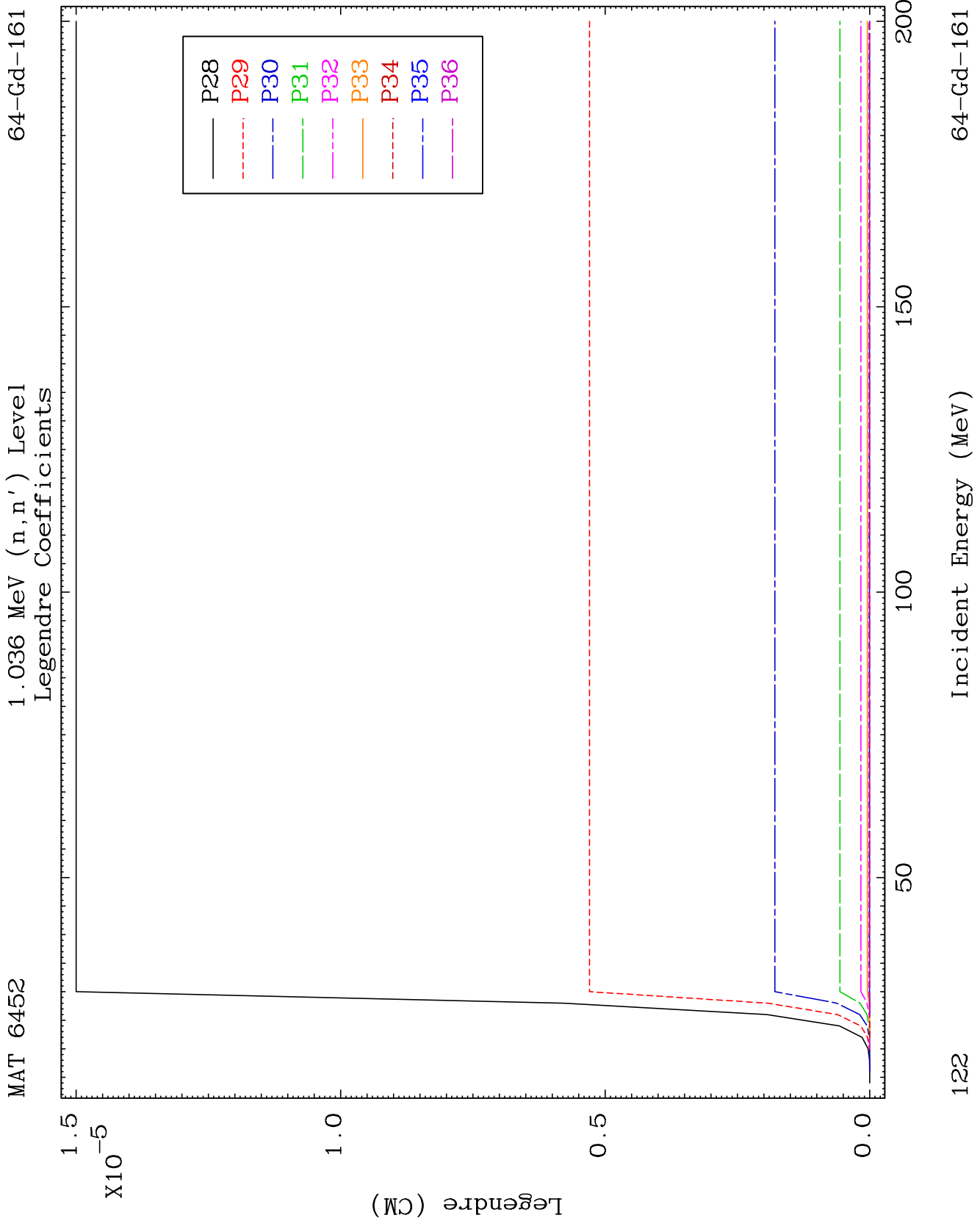
1.036 MeV (n,n') Level
Legendre Coefficients

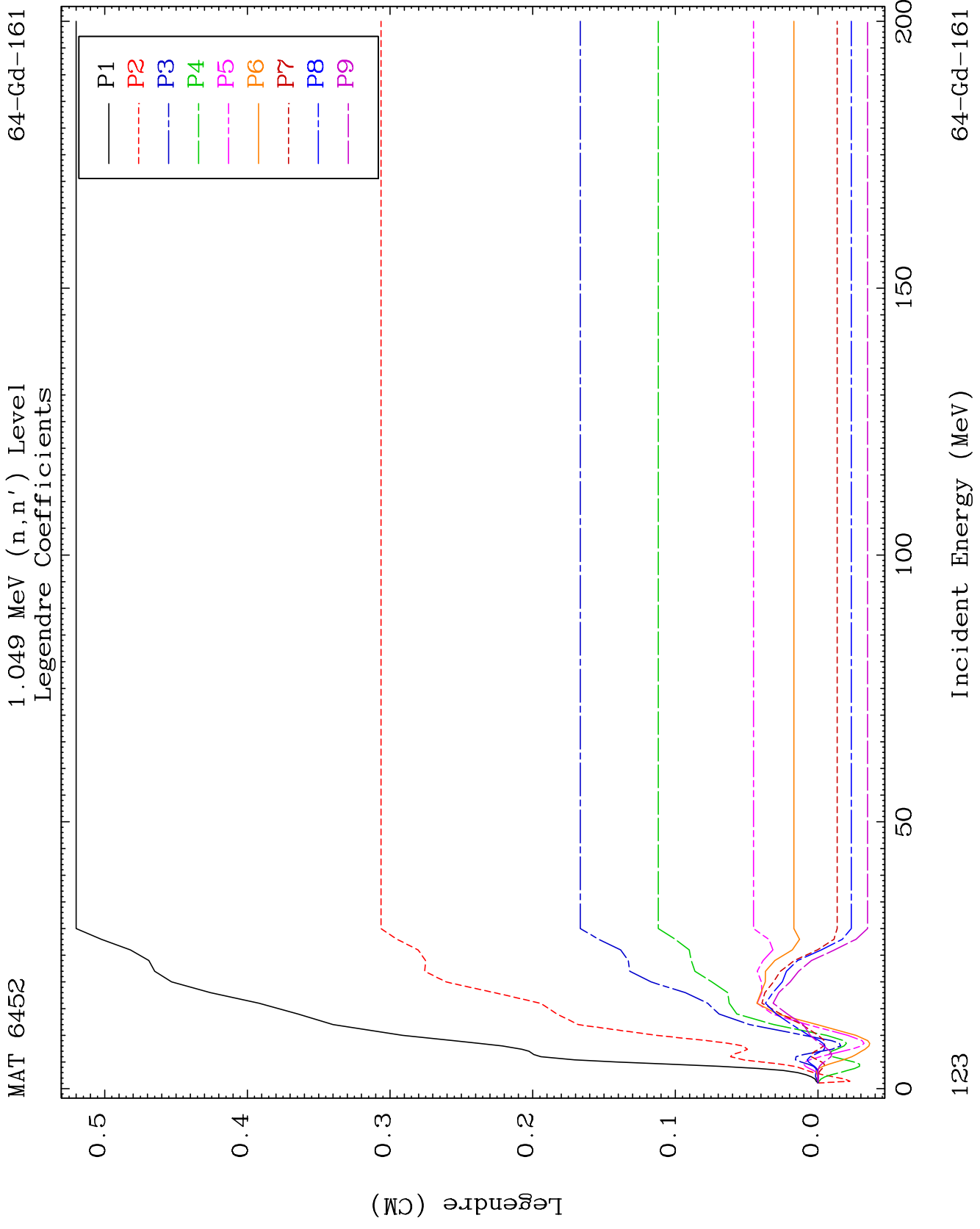
64-Gd-161



121

64-Gd-161

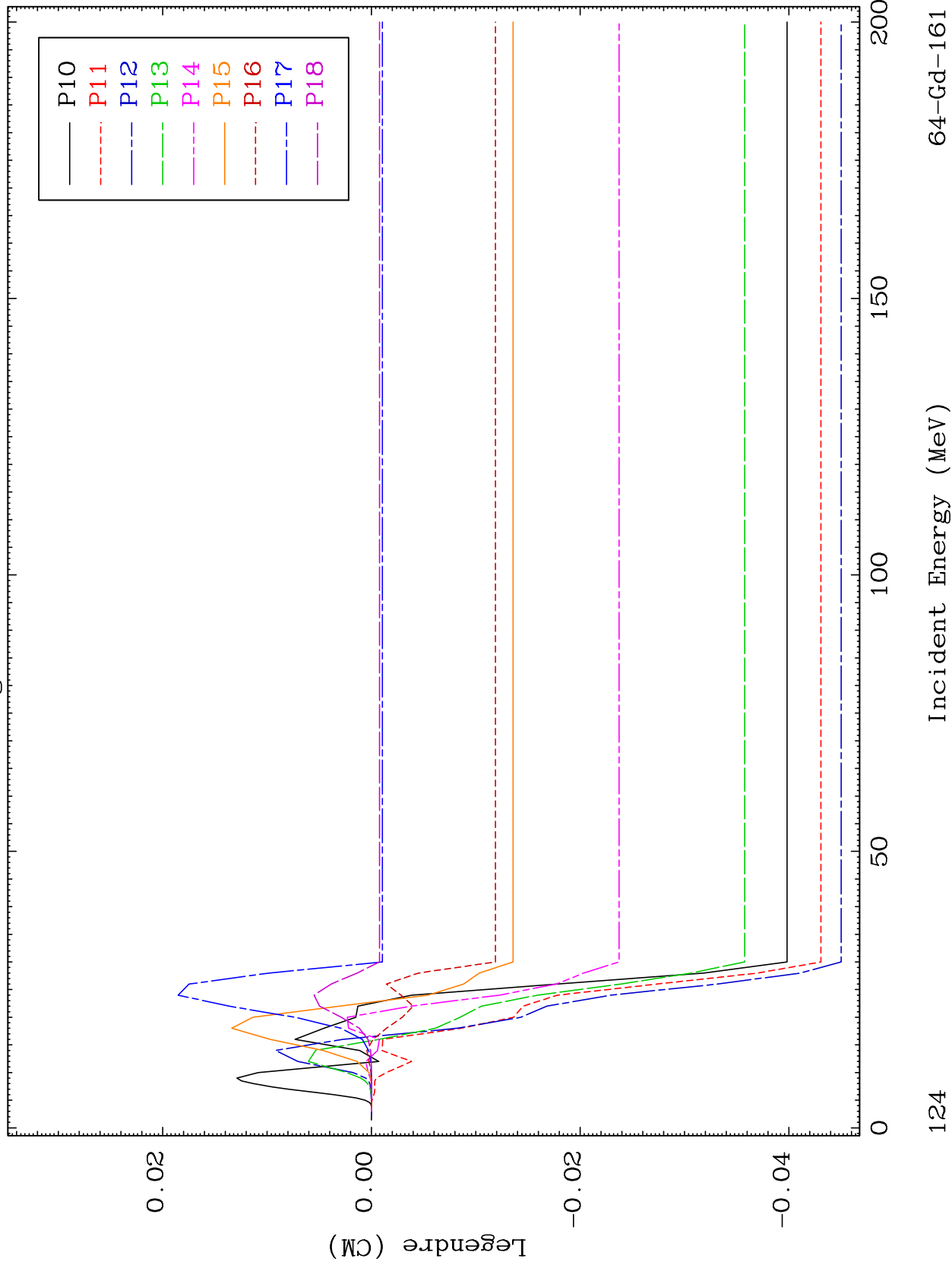




MAT 6452

1.049 MeV (n,n') Level
Legendre Coefficients

64-Gd-161



124

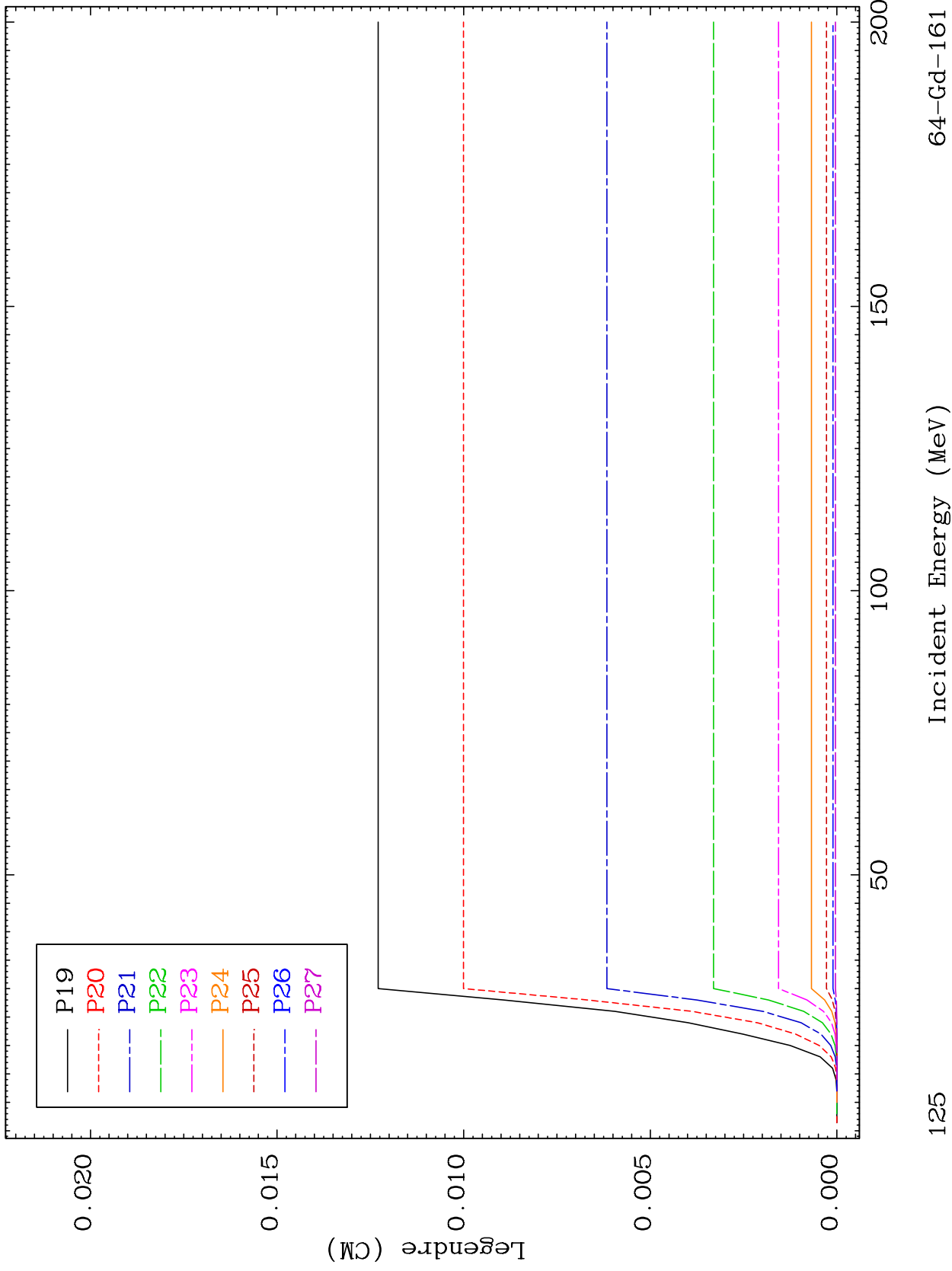
Incident Energy (MeV)

64-Gd-161

MAT 6452

1.049 MeV (n, n') Level
Legendre Coefficients

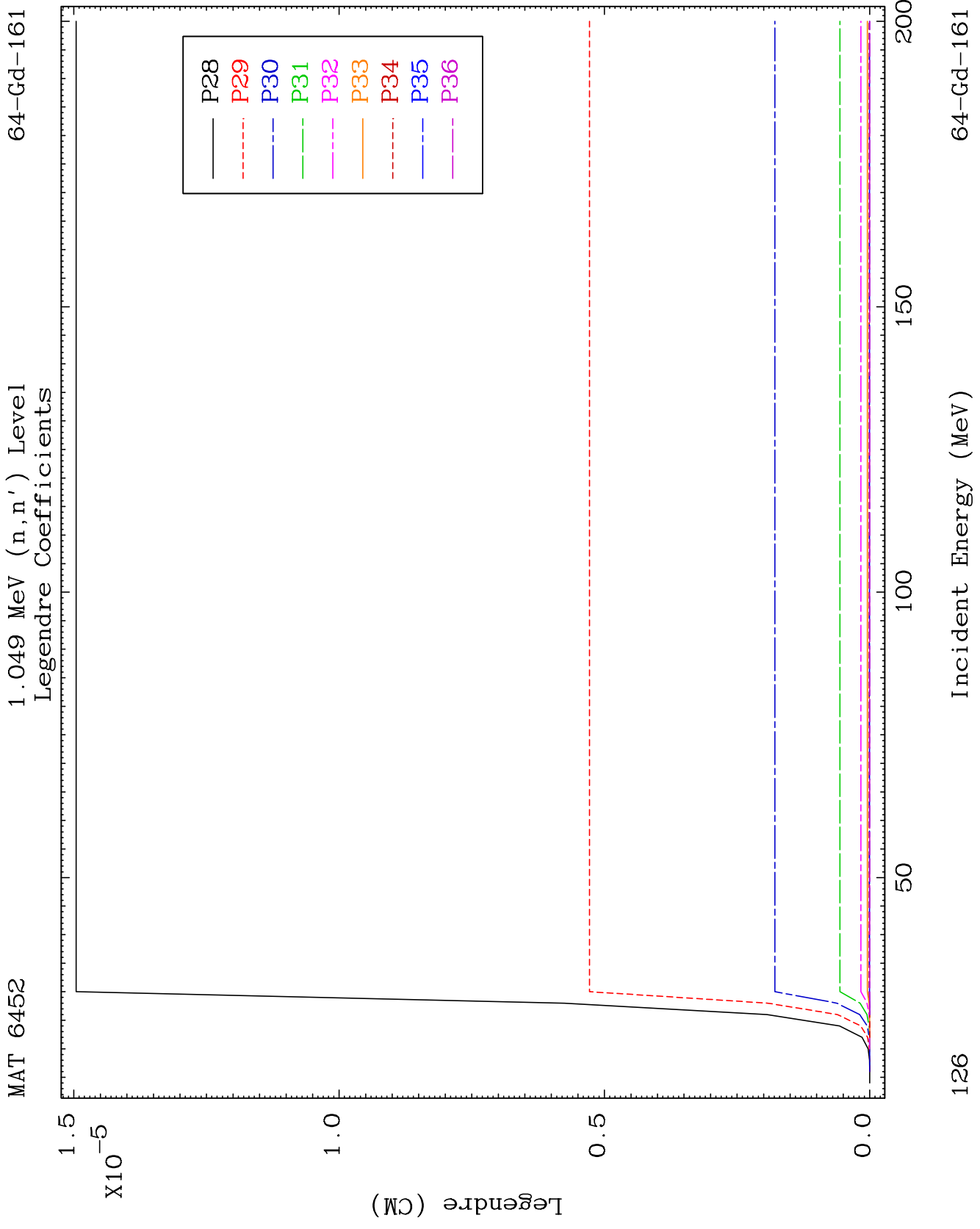
64-Gd-161

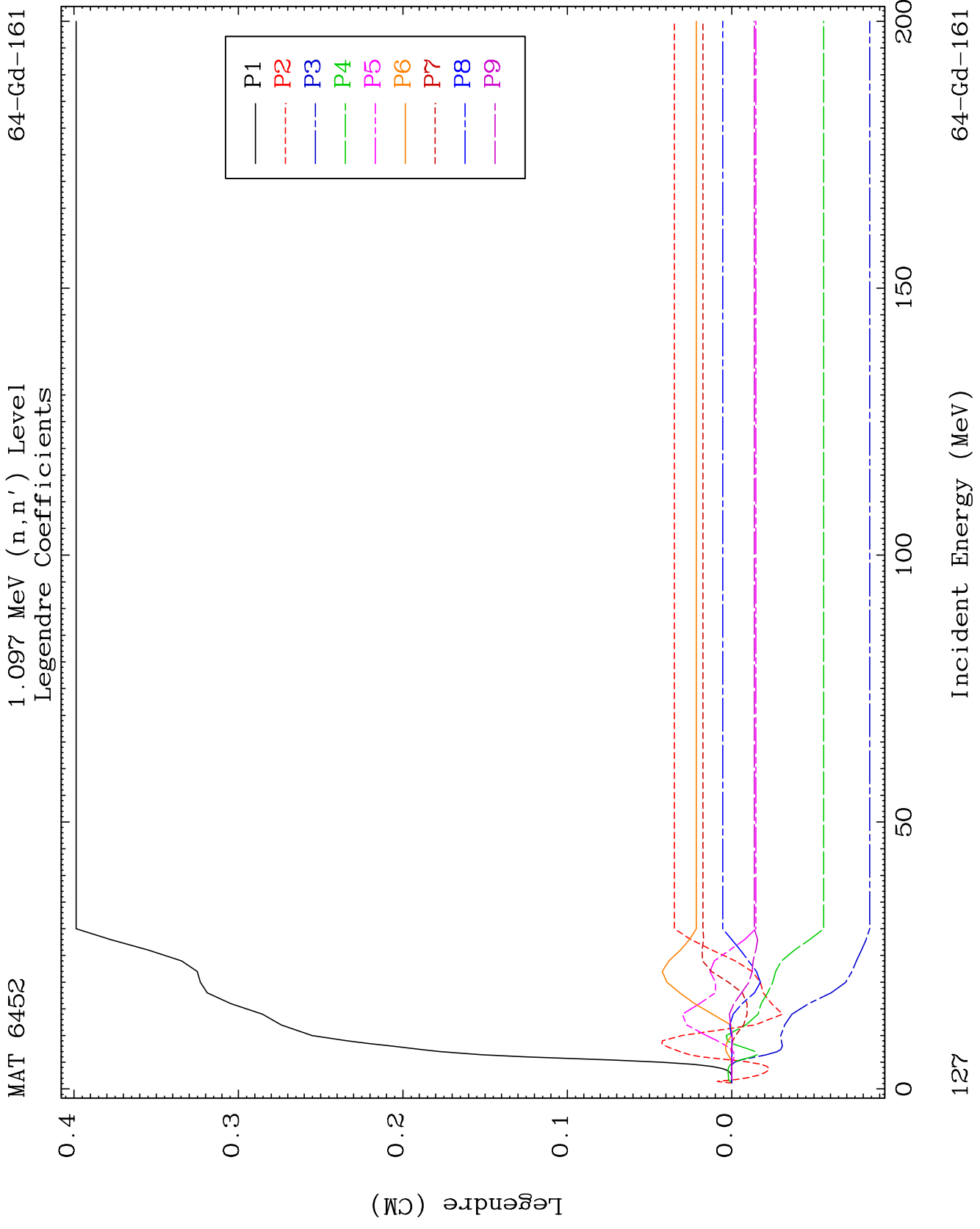


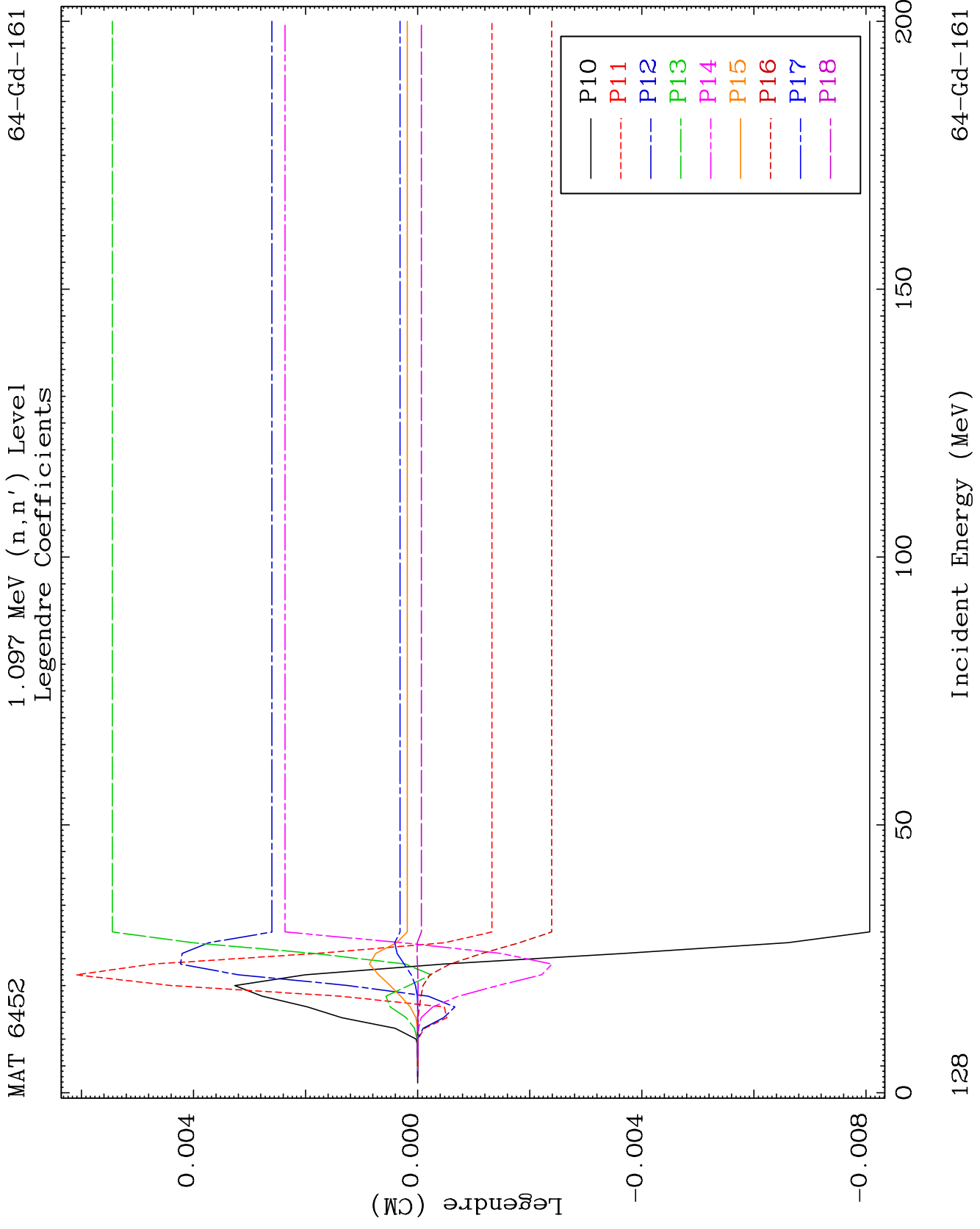
125

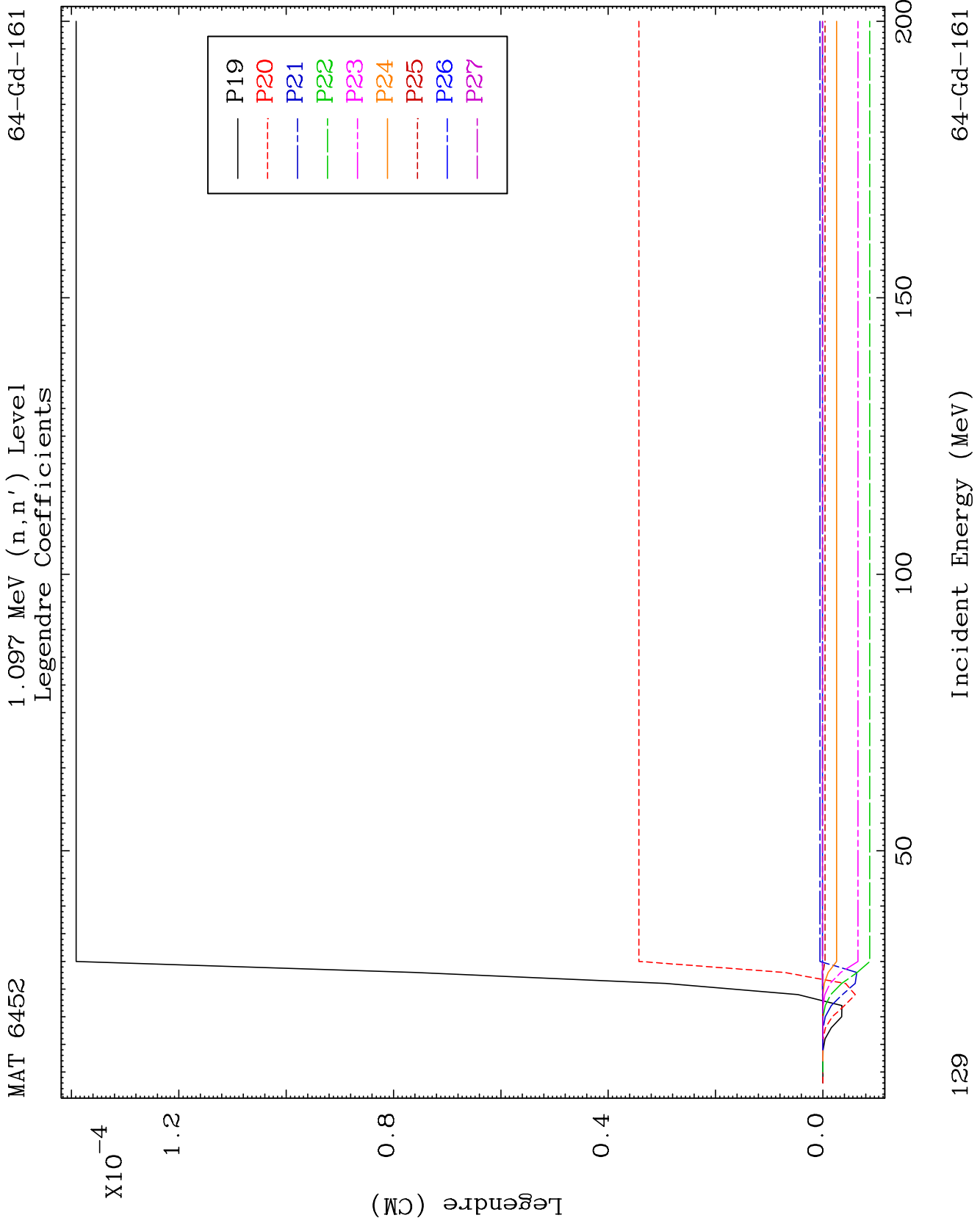
Incident Energy (MeV)

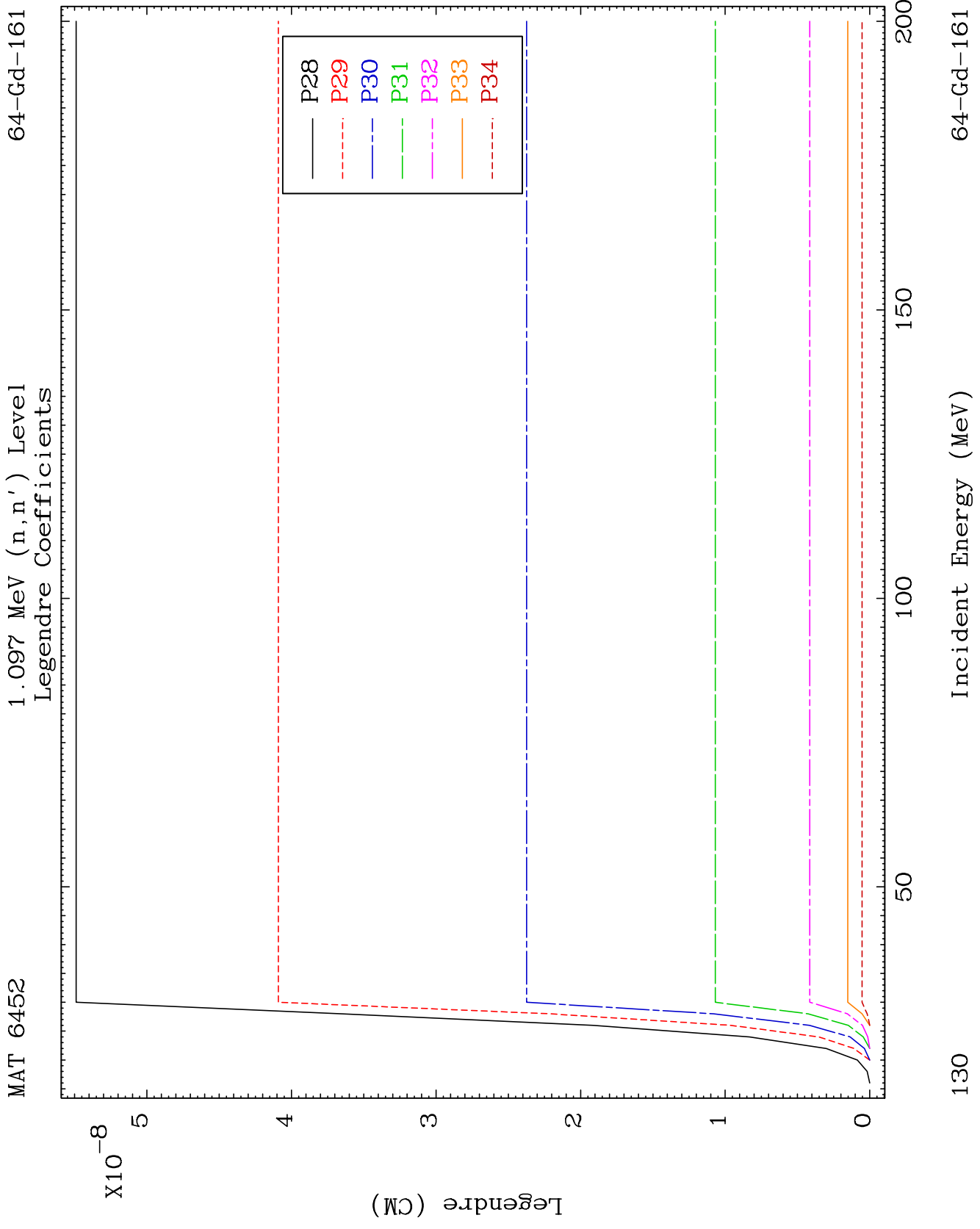
64-Gd-161

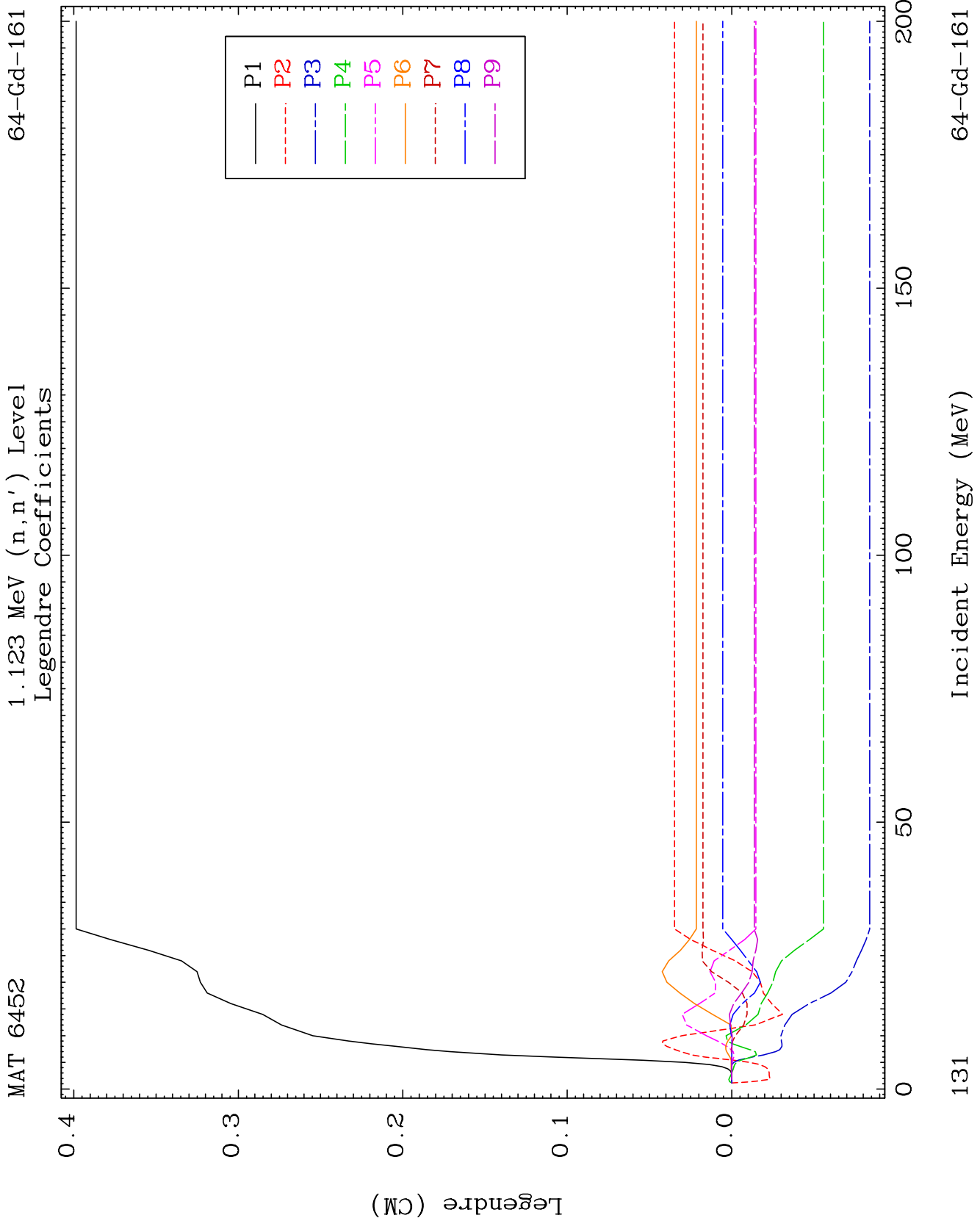


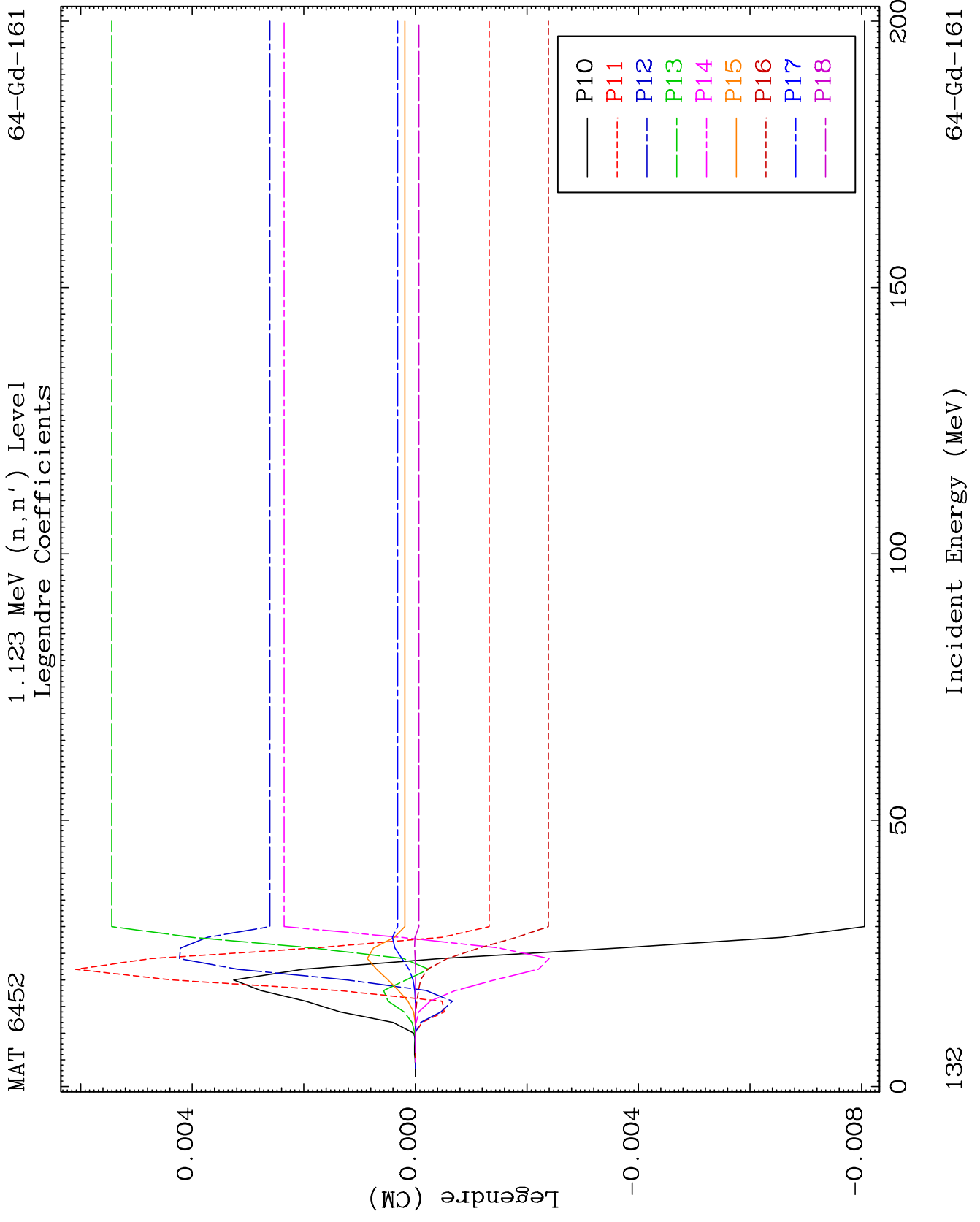


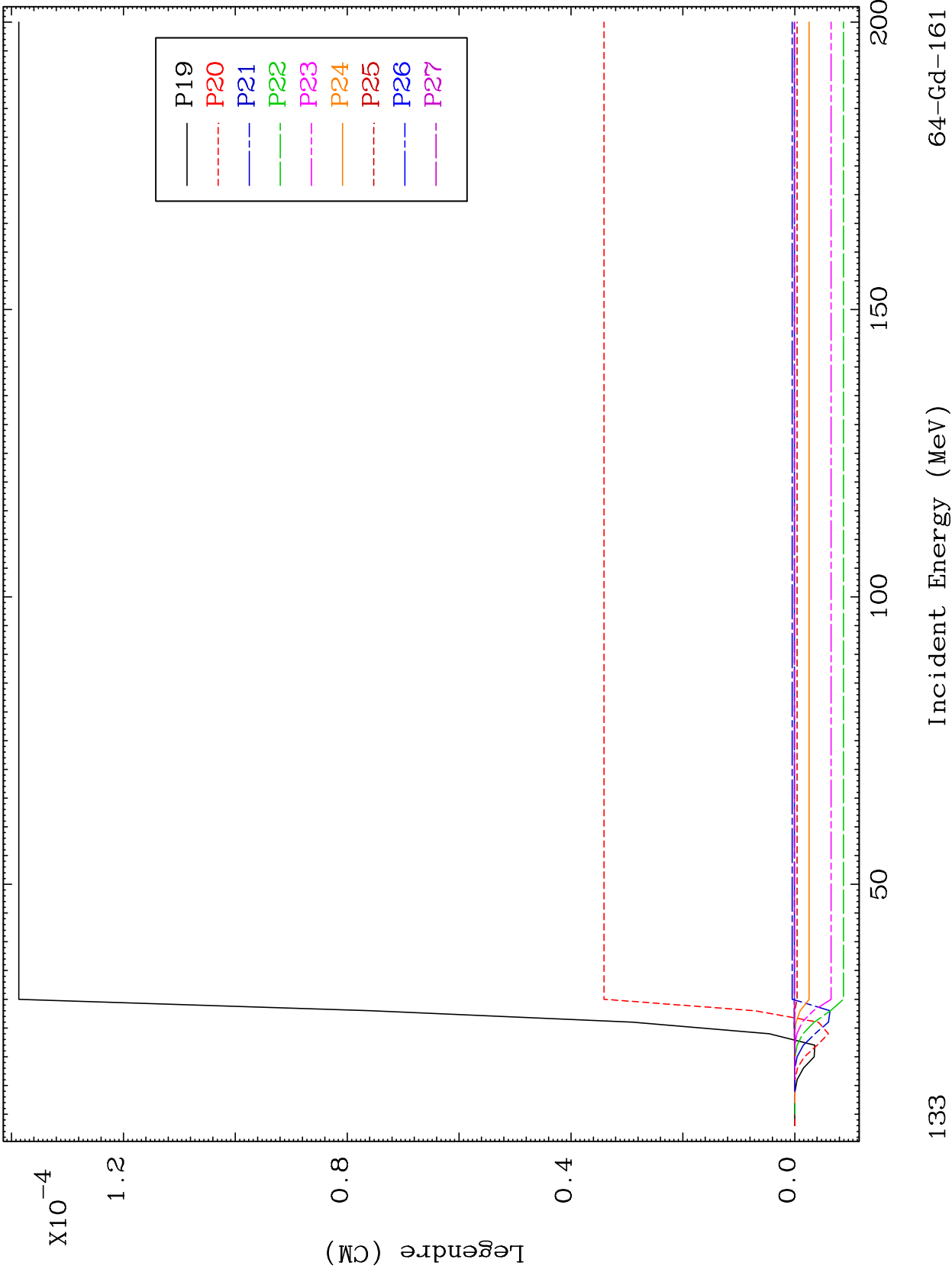








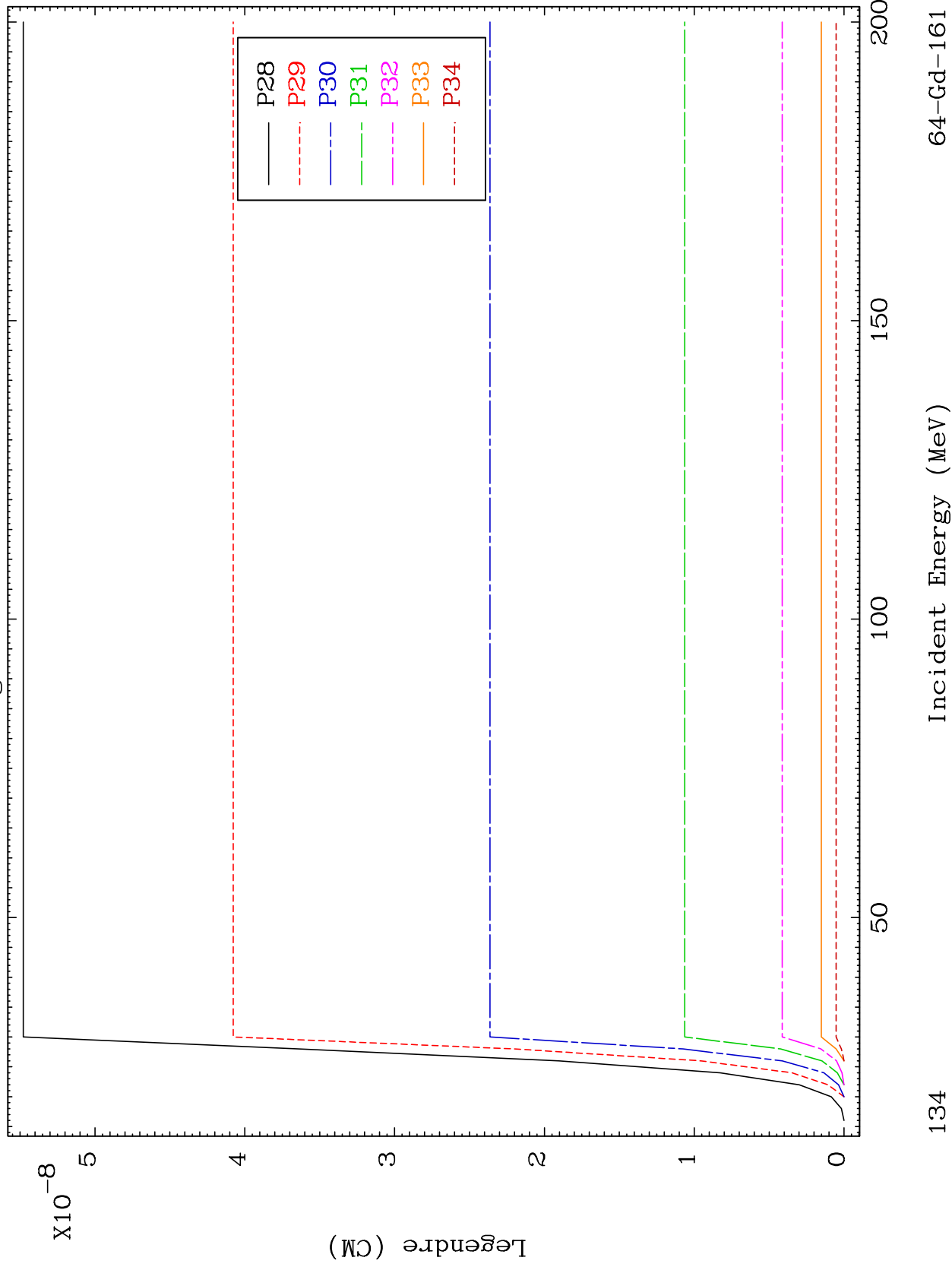




MAT 6452

1.123 MeV (n,n') Level
Legendre Coefficients

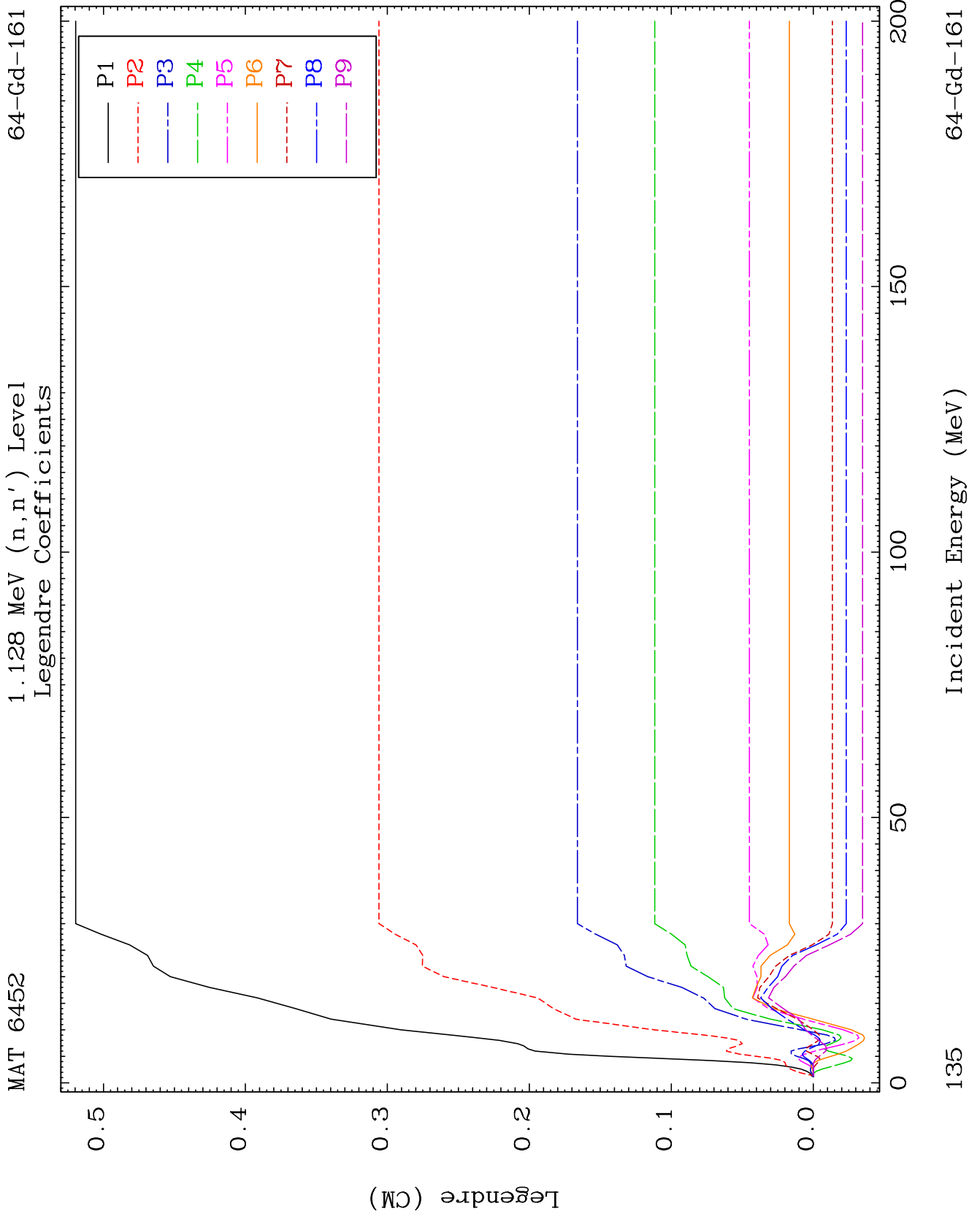
64-Gd-161



134

Incident Energy (MeV)

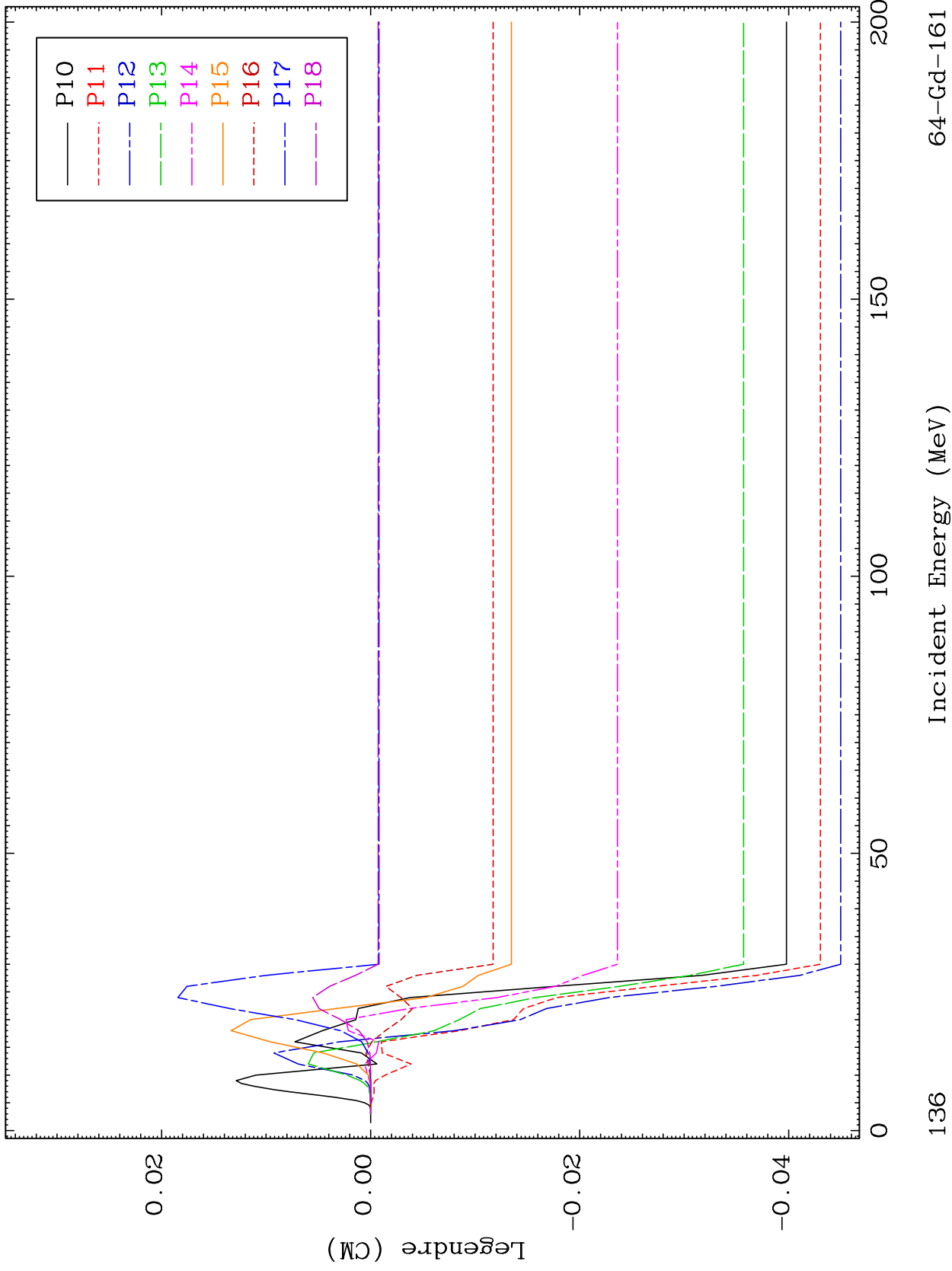
64-Gd-161



MAT 6452

1.128 MeV (n,n') Level
Legendre Coefficients

64-Gd-161



136

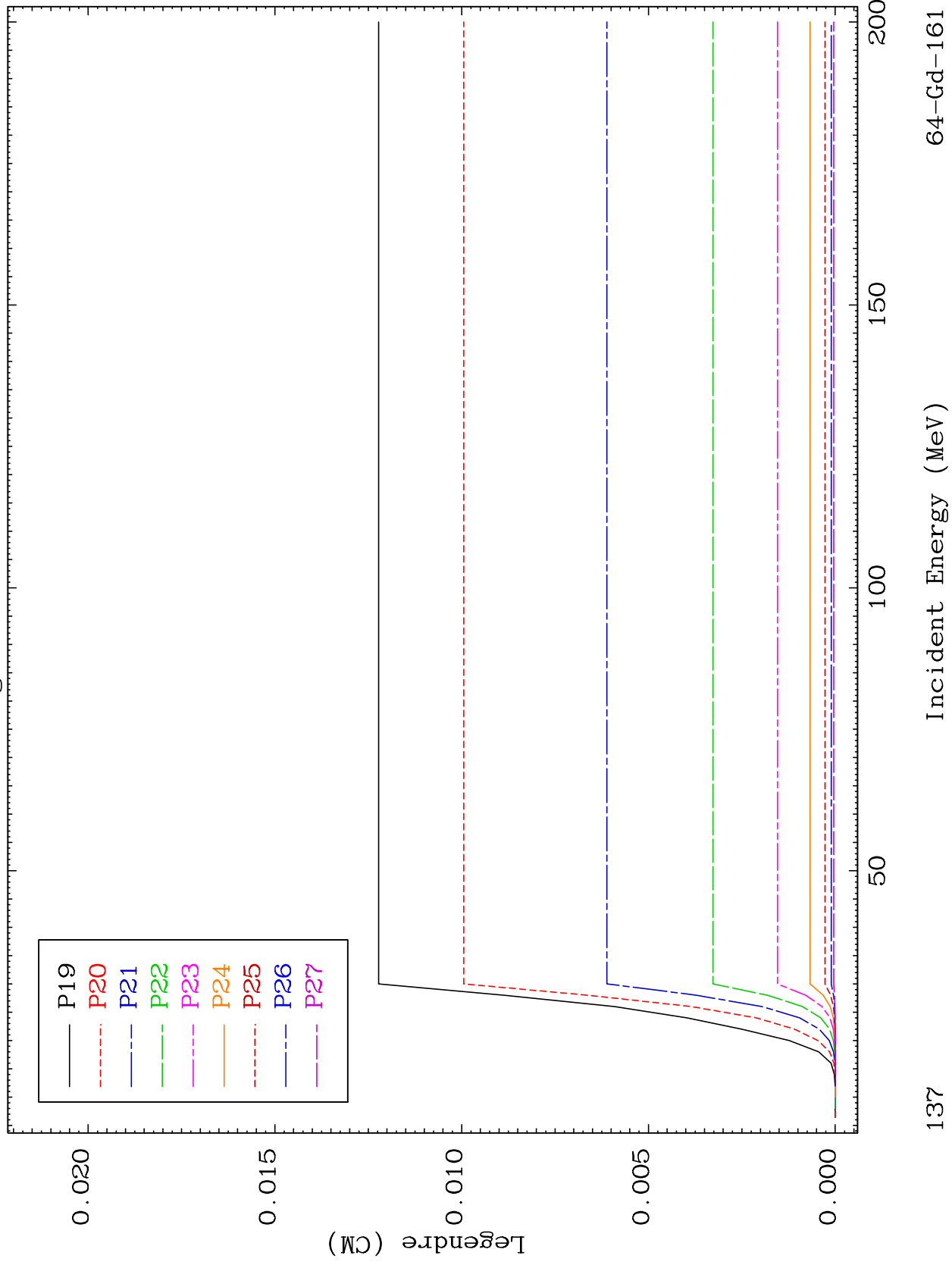
Incident Energy (MeV)

64-Gd-161

MAT 6452

1.128 MeV (n,n') Level
Legendre Coefficients

64-Gd-161



137

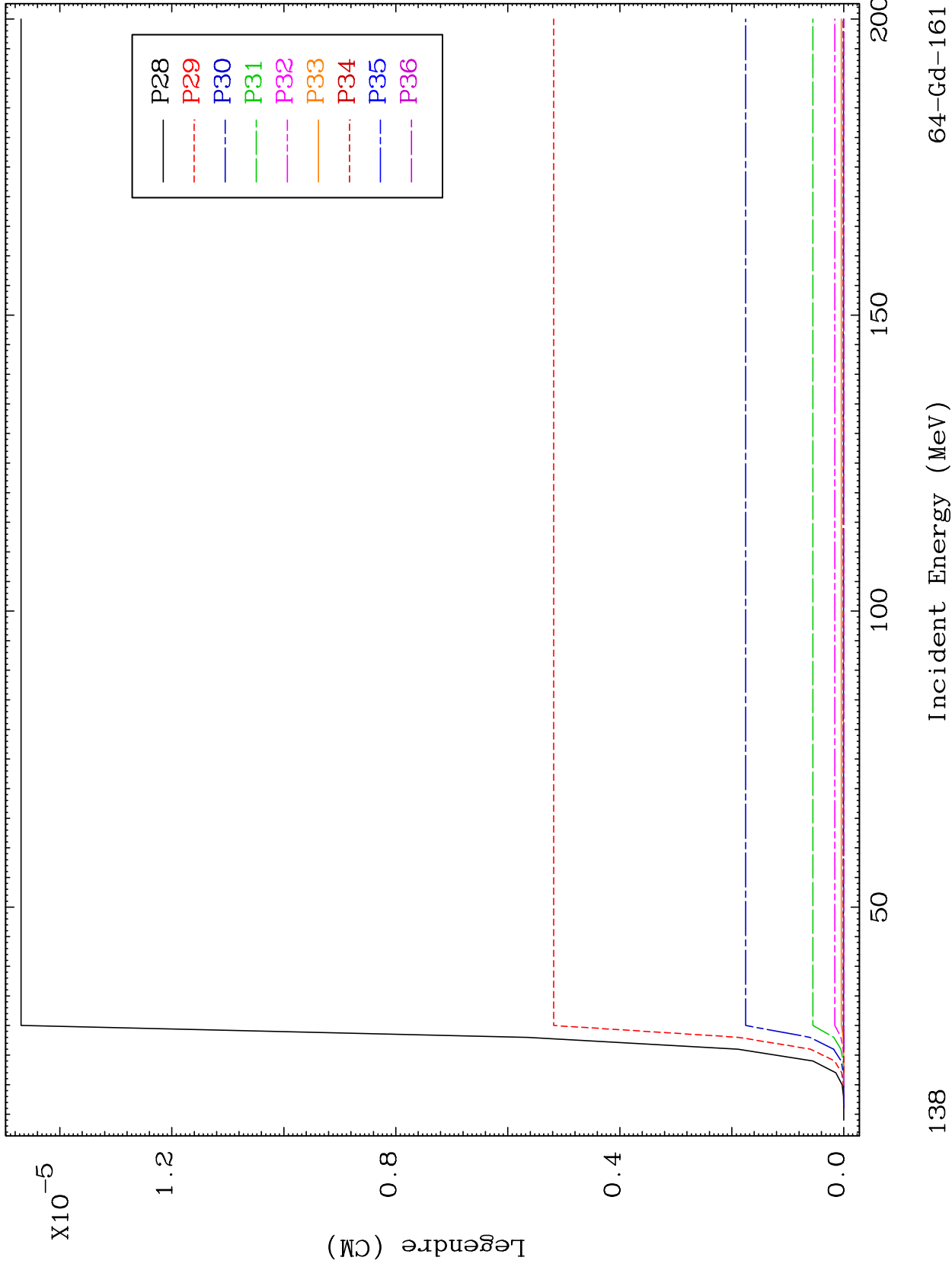
Incident Energy (MeV)

64-Gd-161

MAT 6452

1.128 MeV (n,n') Level
Legendre Coefficients

64-Gd-161



138