

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

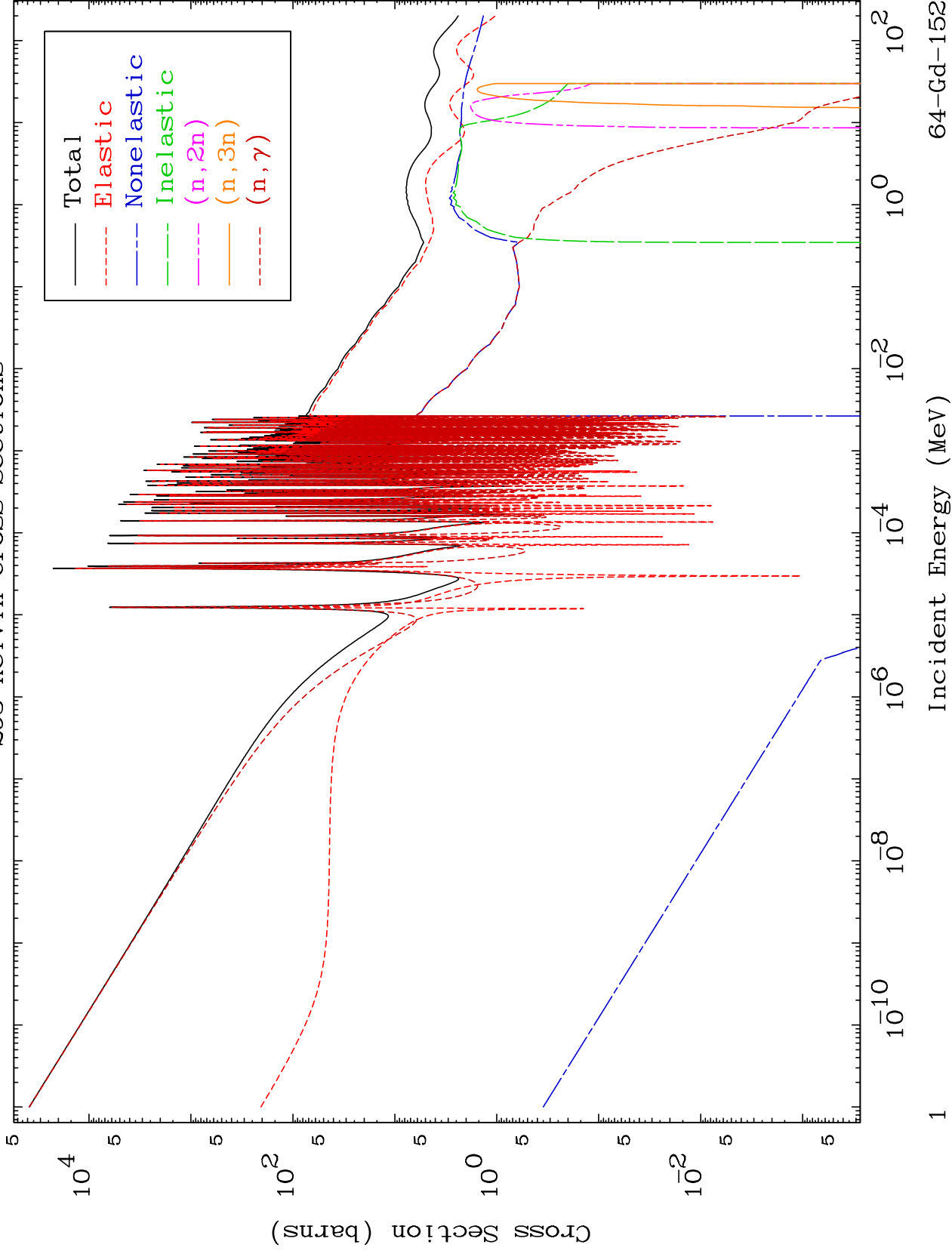
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Press Mouse Button to Start

MAT 6425

Neutron Major
293 Kelvin Cross Sections

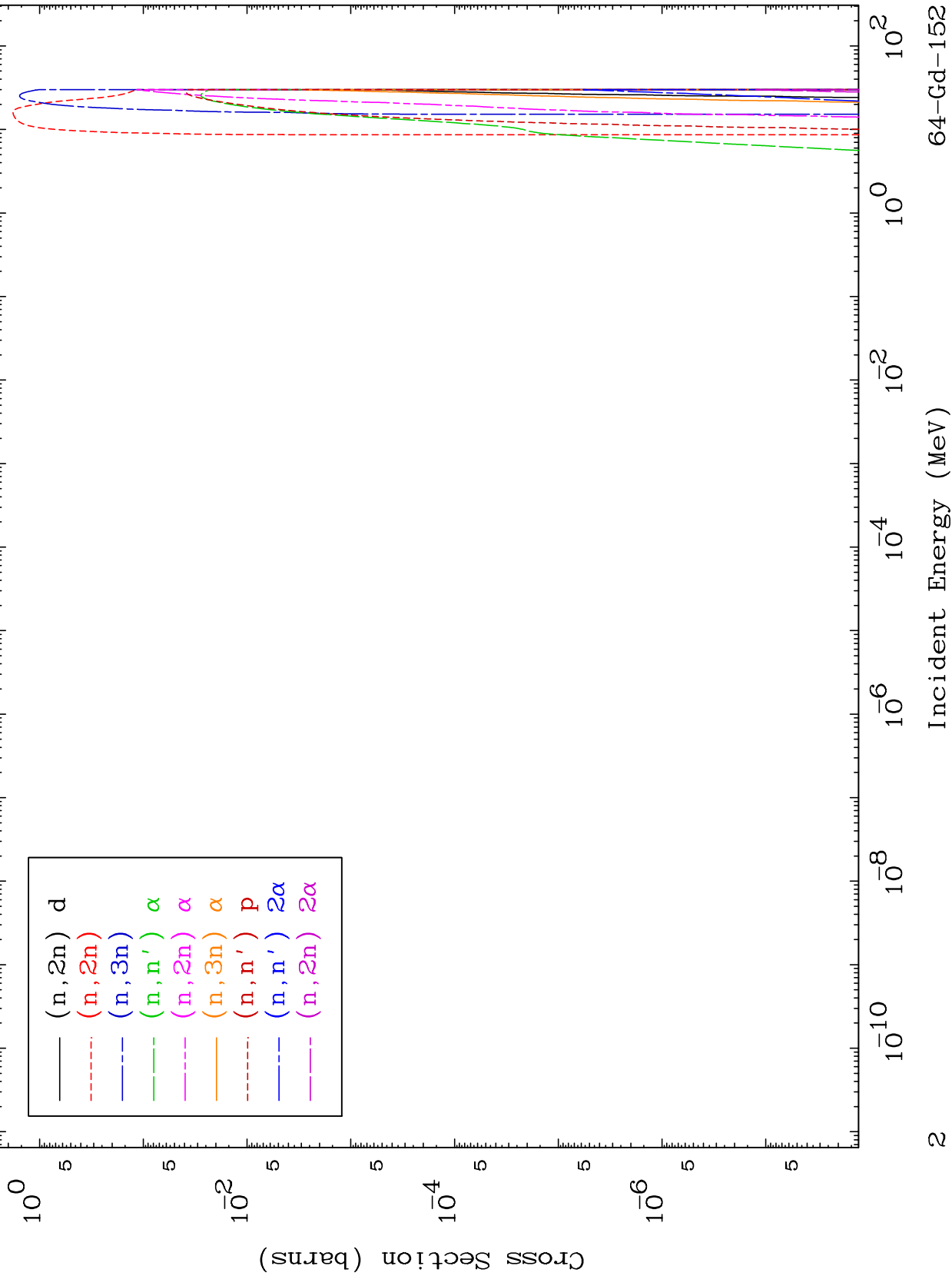
64-Gd-152



MAT 6425

Neutron Absorption
293 Kelvin Cross Sections

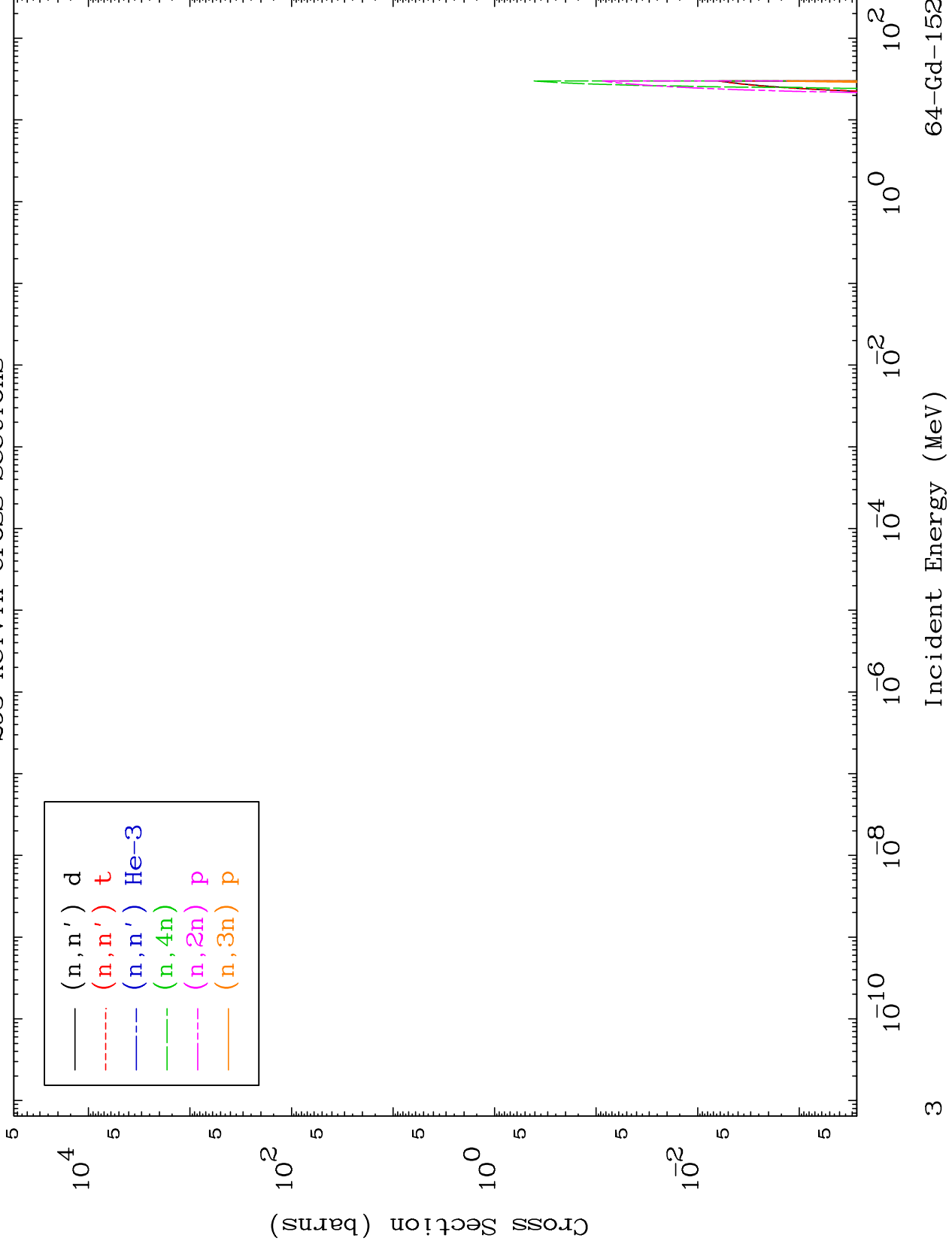
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MAT 6425

Neutron Absorption
293 Kelvin Cross Sections

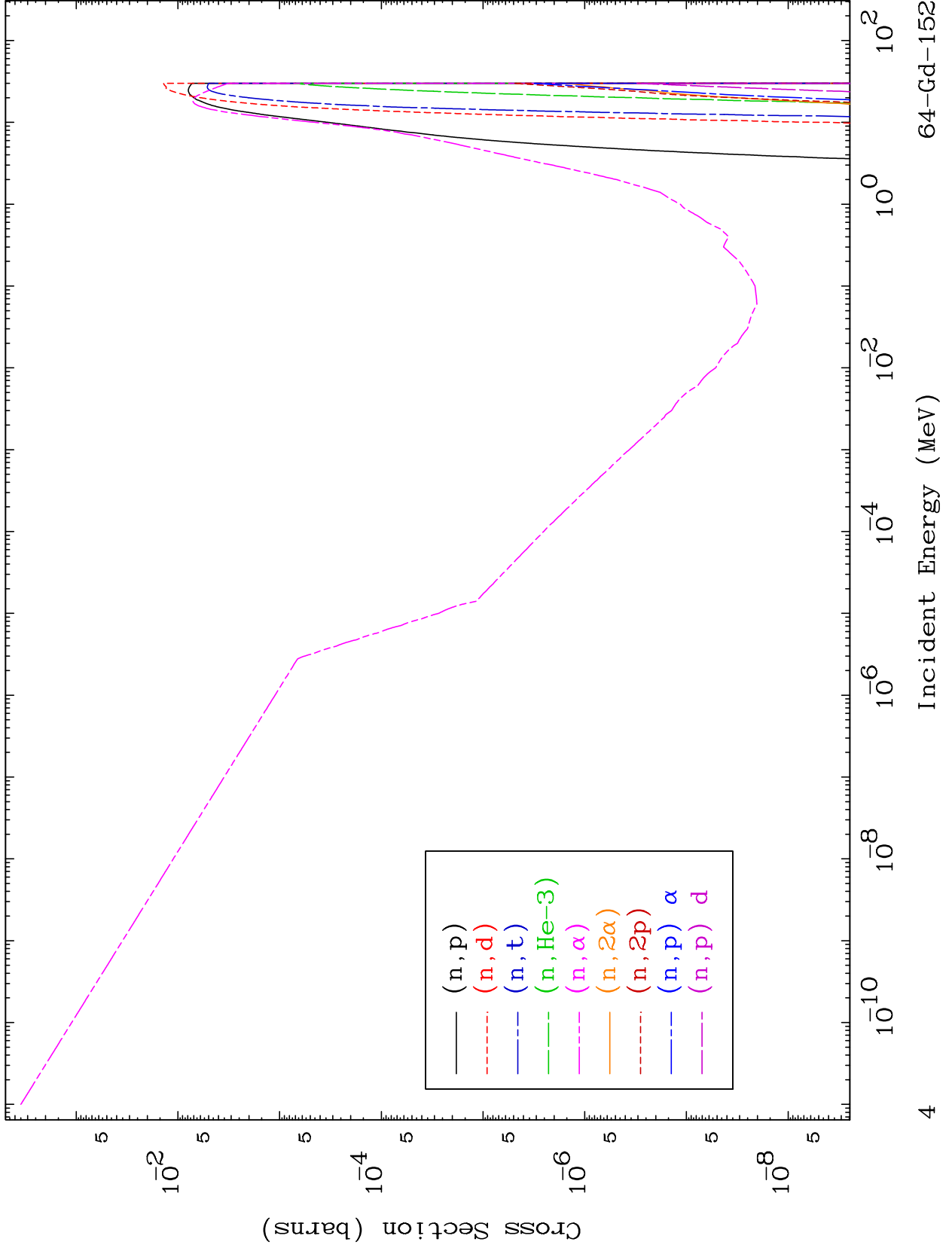
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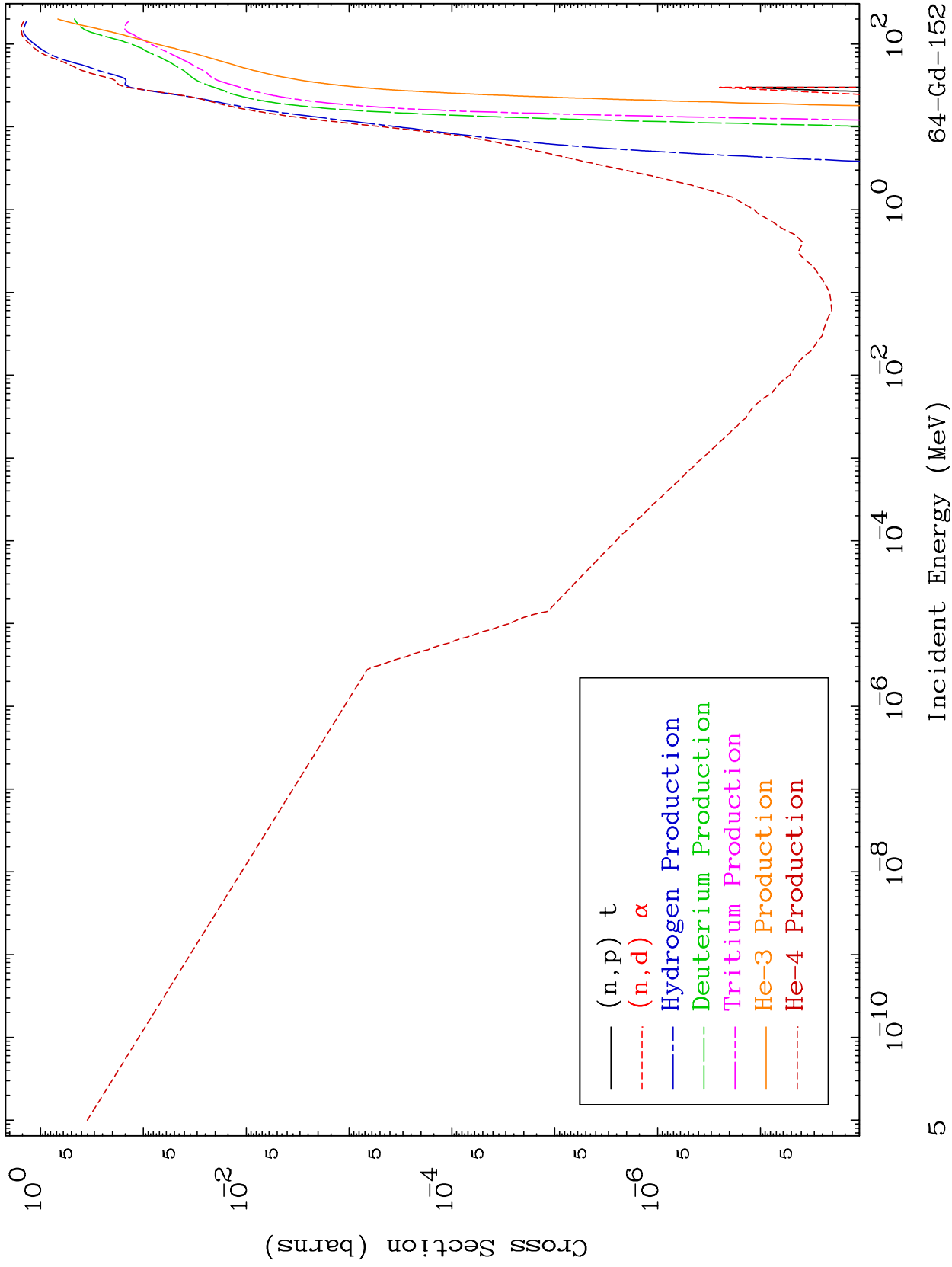


MAT 6425

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-152

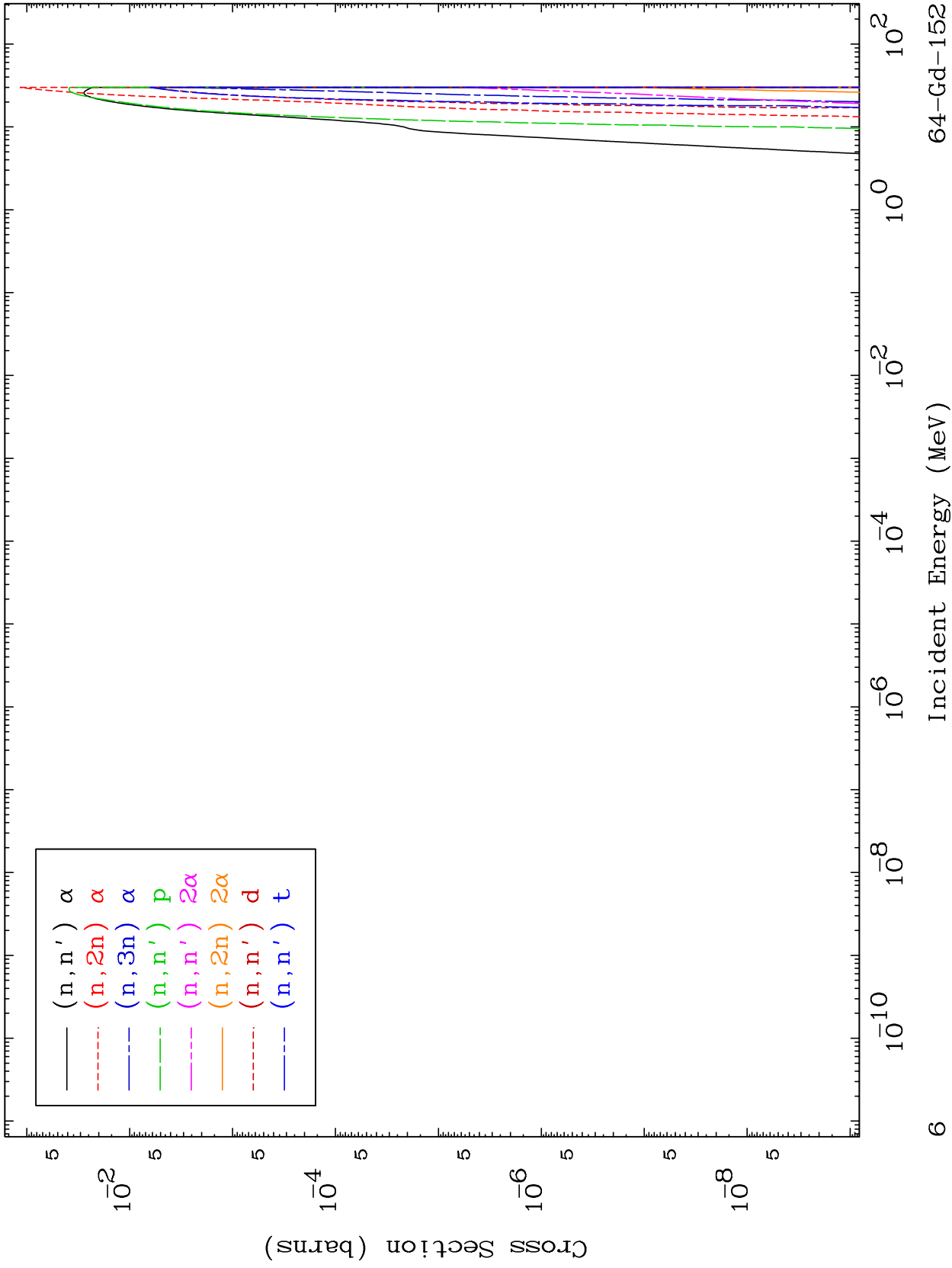




MAT 6425

Charged Particle
293 Kelvin Cross Sections

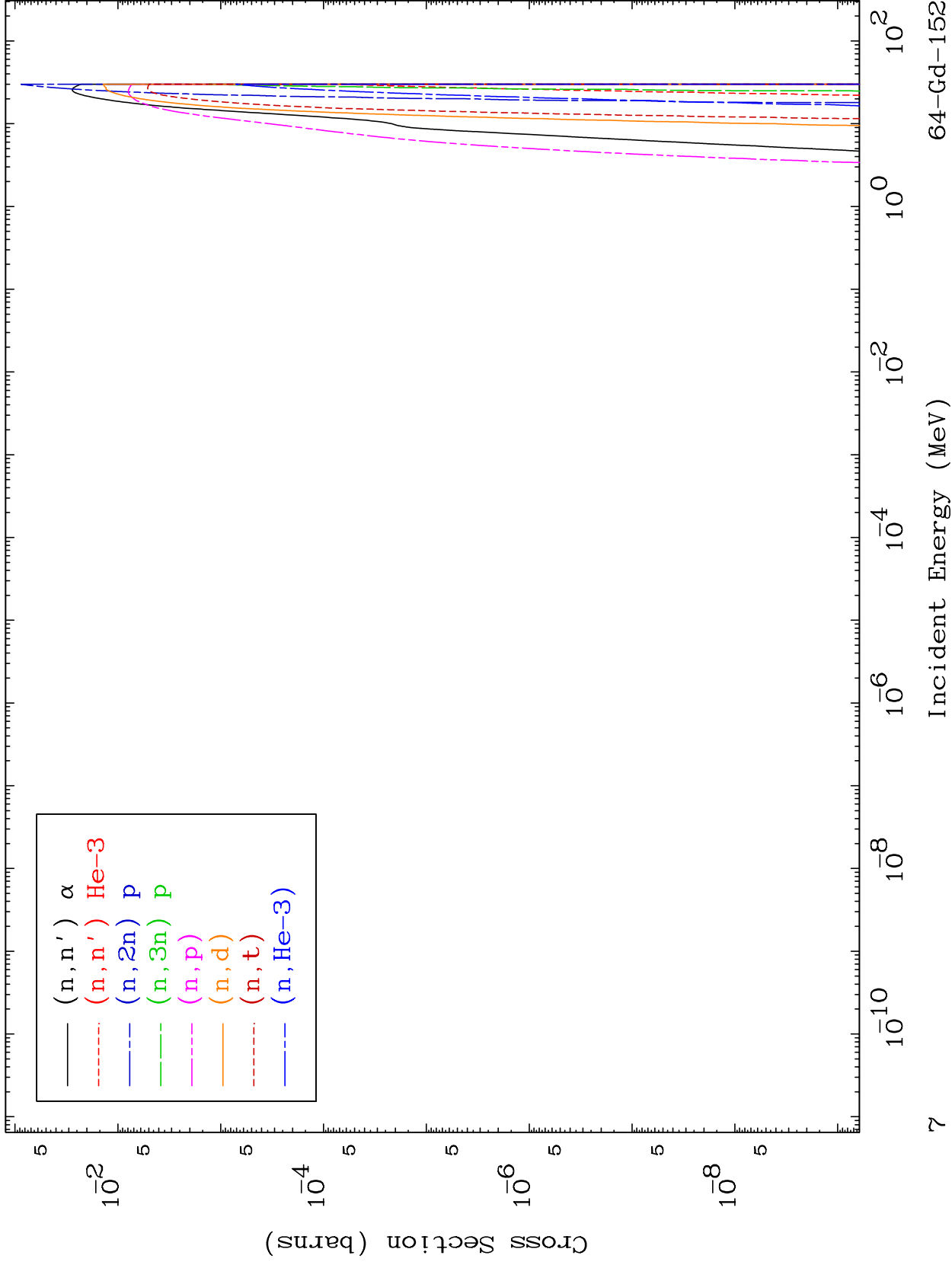
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MAT 6425

Charged Particle
293 Kelvin Cross Sections

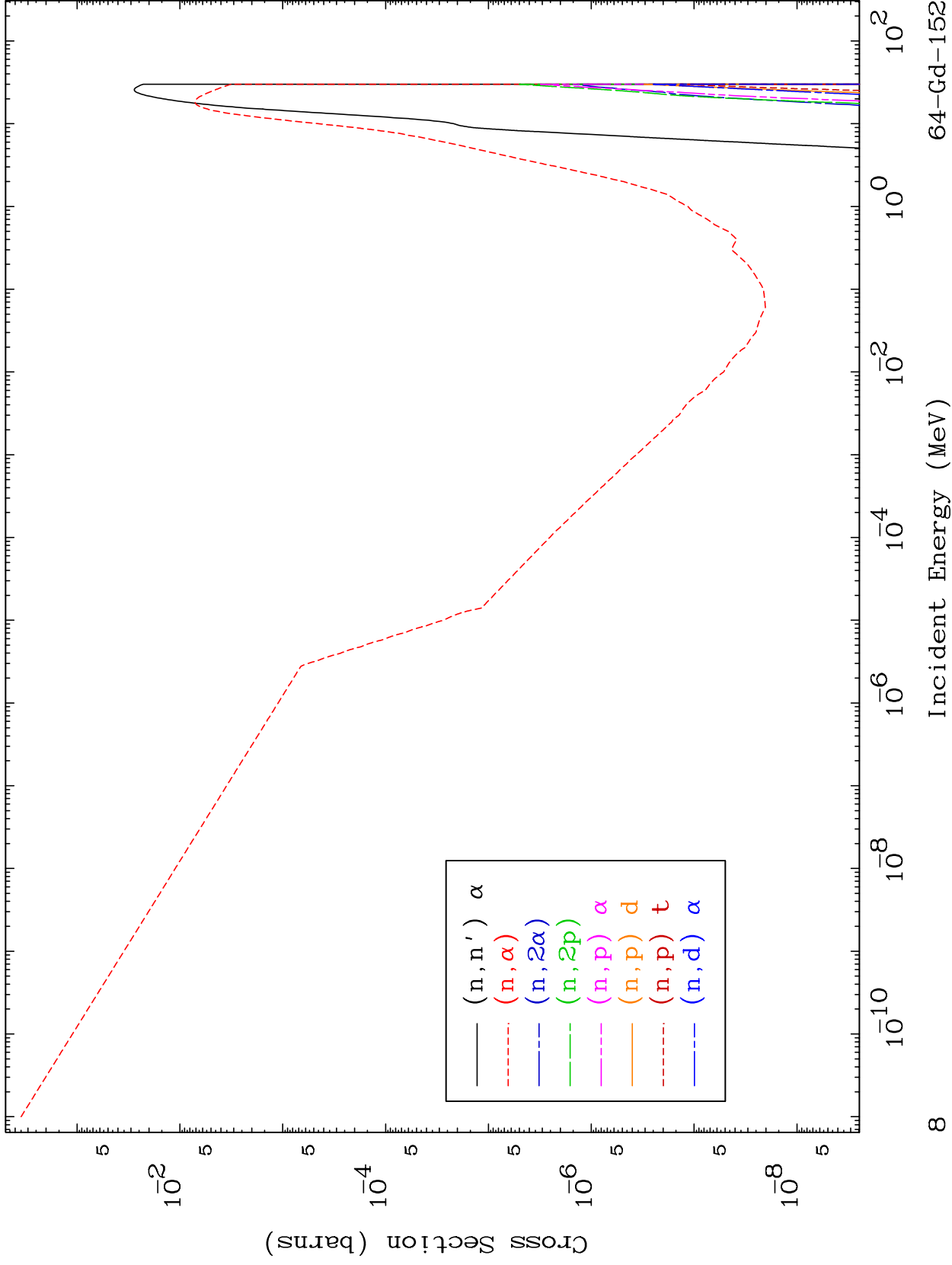
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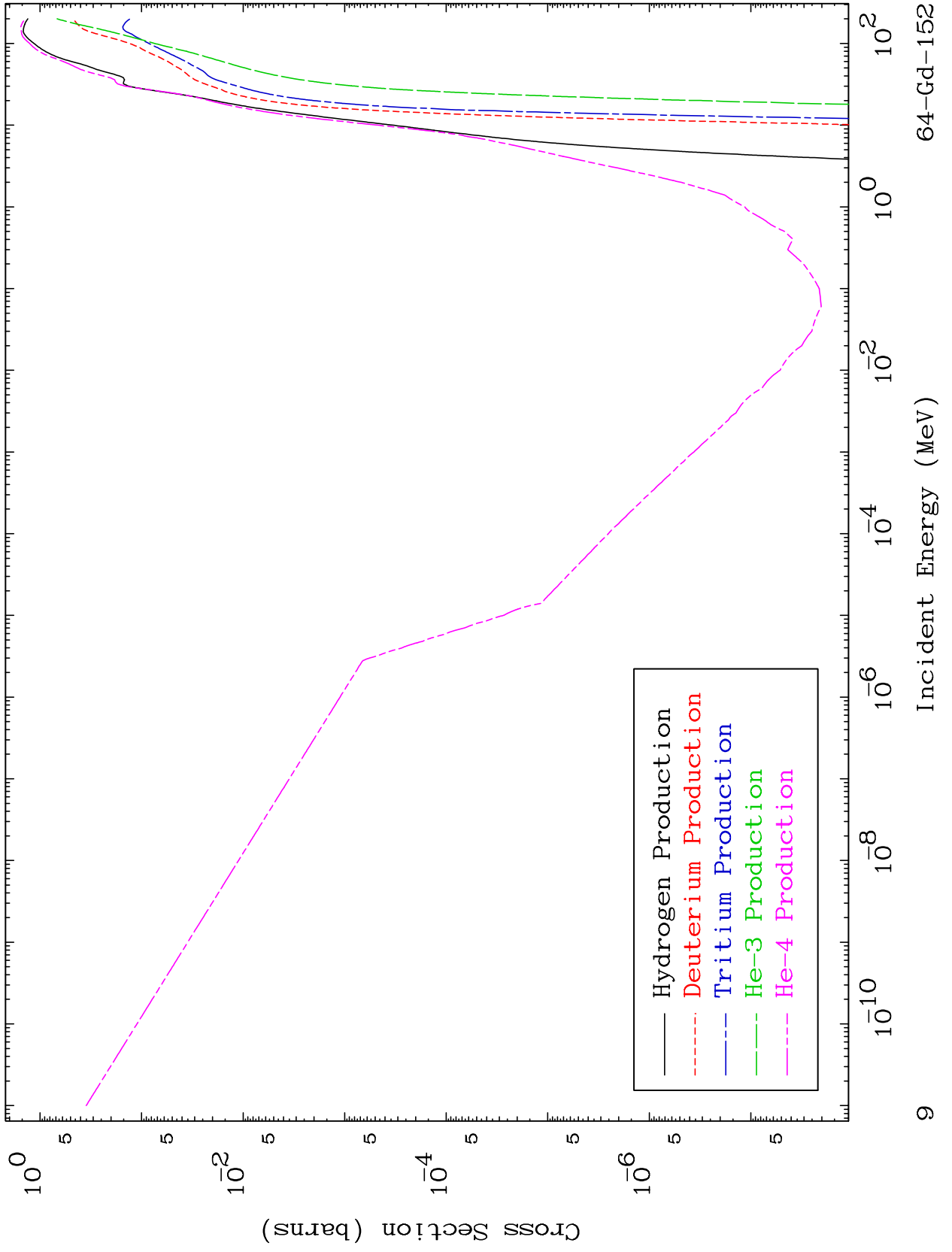


MAT 6425

Charged Particle
293 Kelvin Cross Sections

64-Gd-152



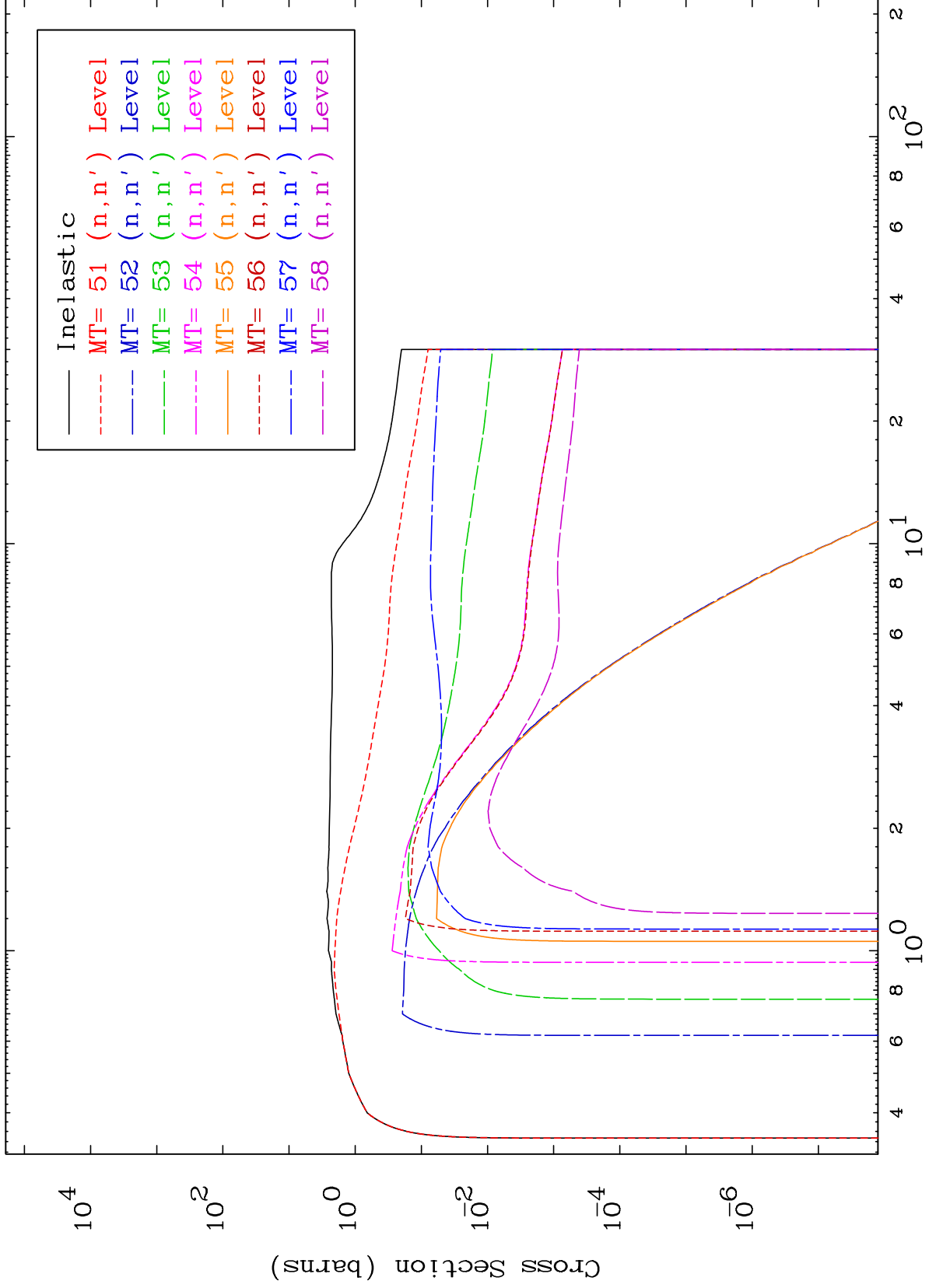


MAT 6425

(n,n') Levels

64-Gd-152

293 Kelvin Cross Sections



10

Incident Energy (MeV)

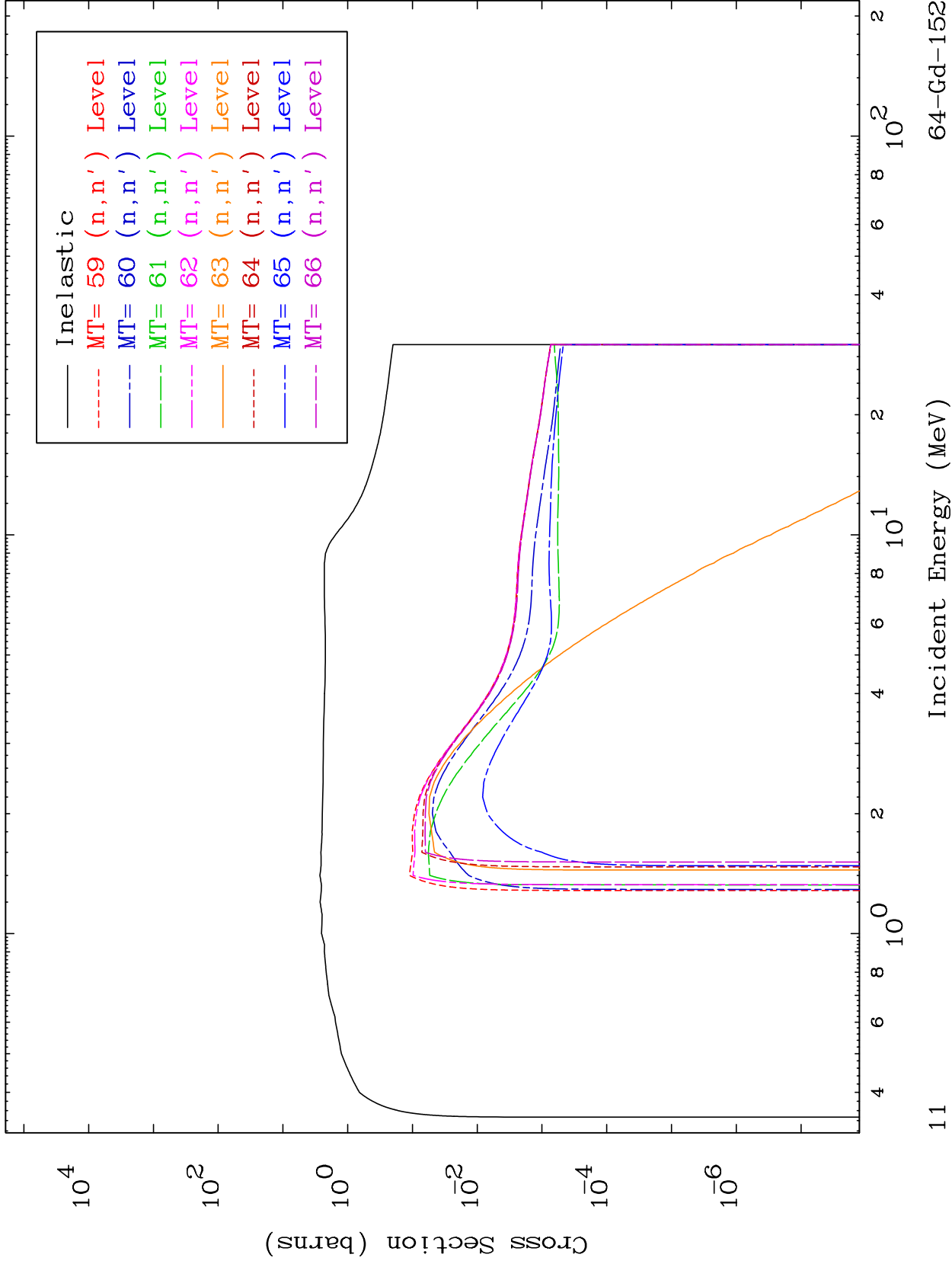
64-Gd-152

MAT 6425

(n,n') Levels

293 Kelvin Cross Sections

64-Gd-152



11

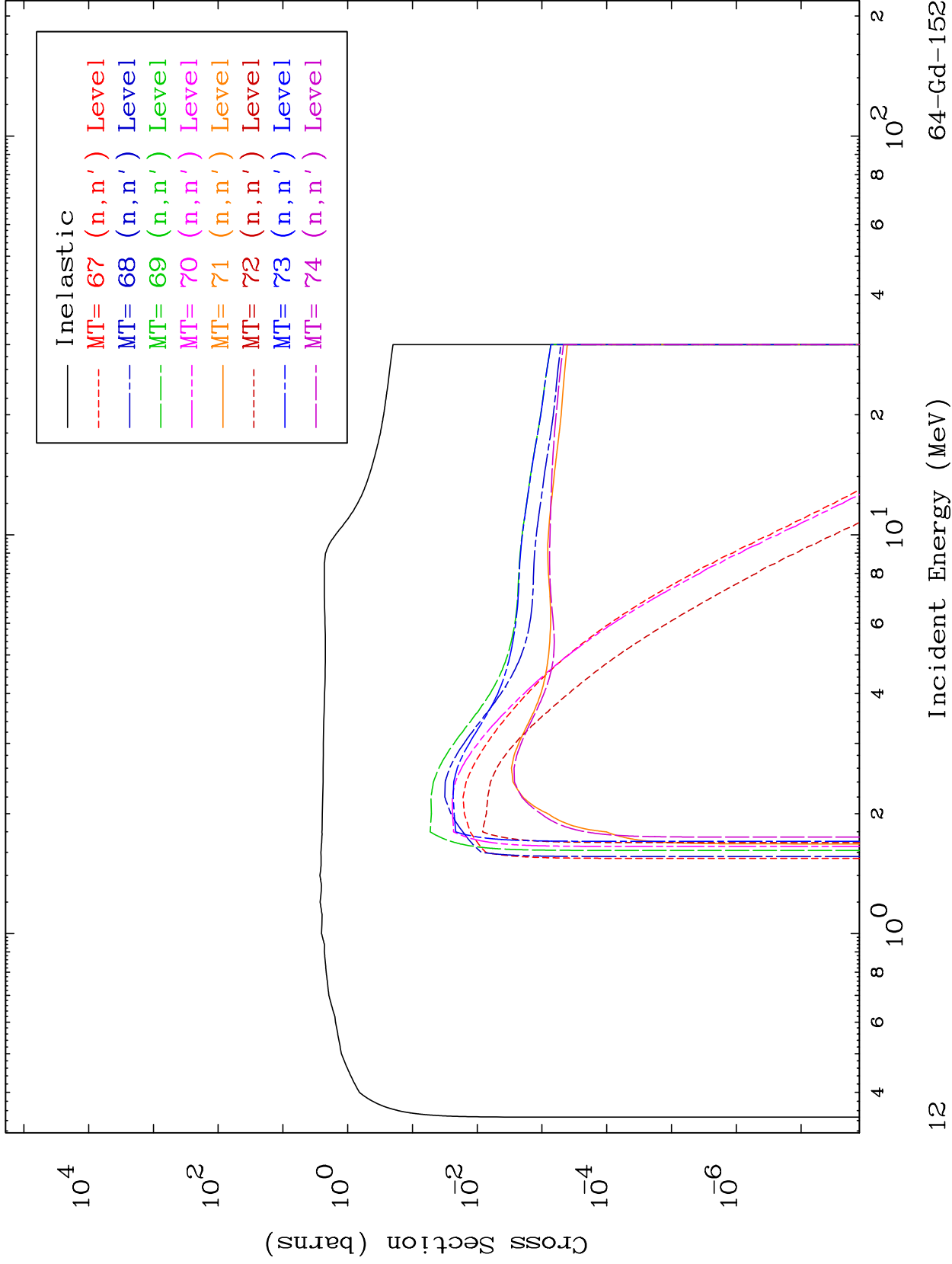
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,n') Levels
293 Kelvin Cross Sections

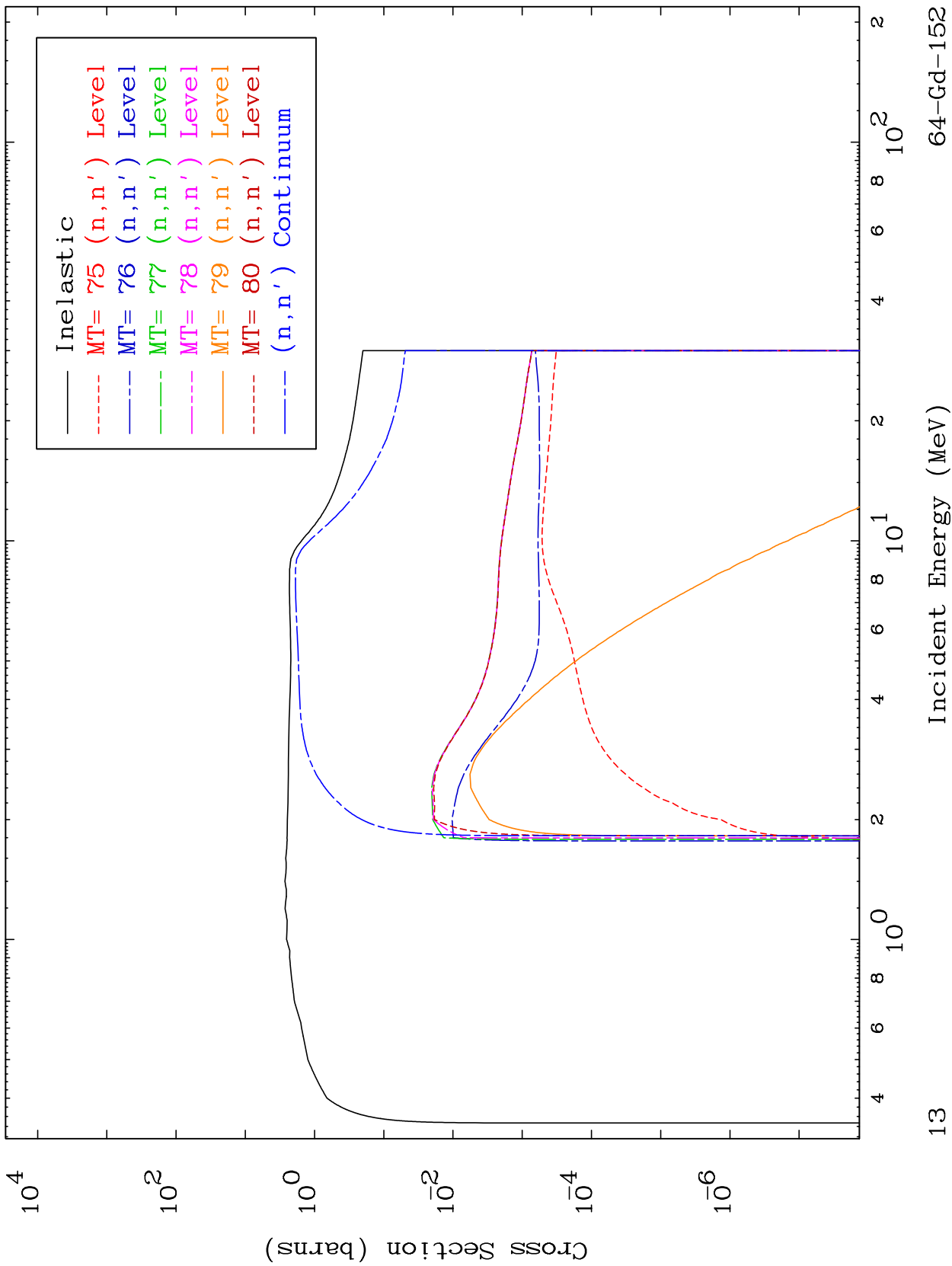
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Incident Energy (MeV)

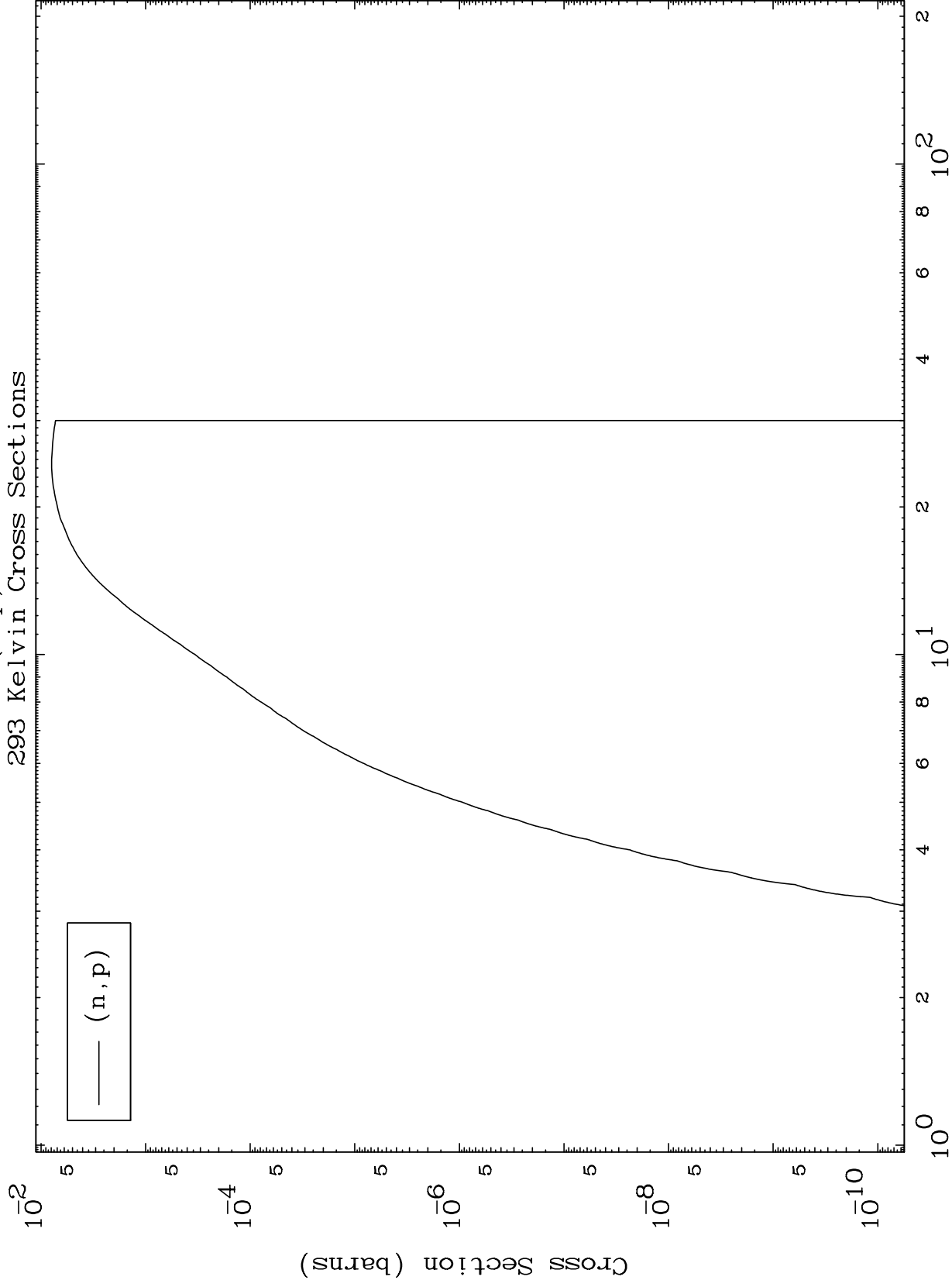
64-Gd-152



MAT 6425

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-152



14

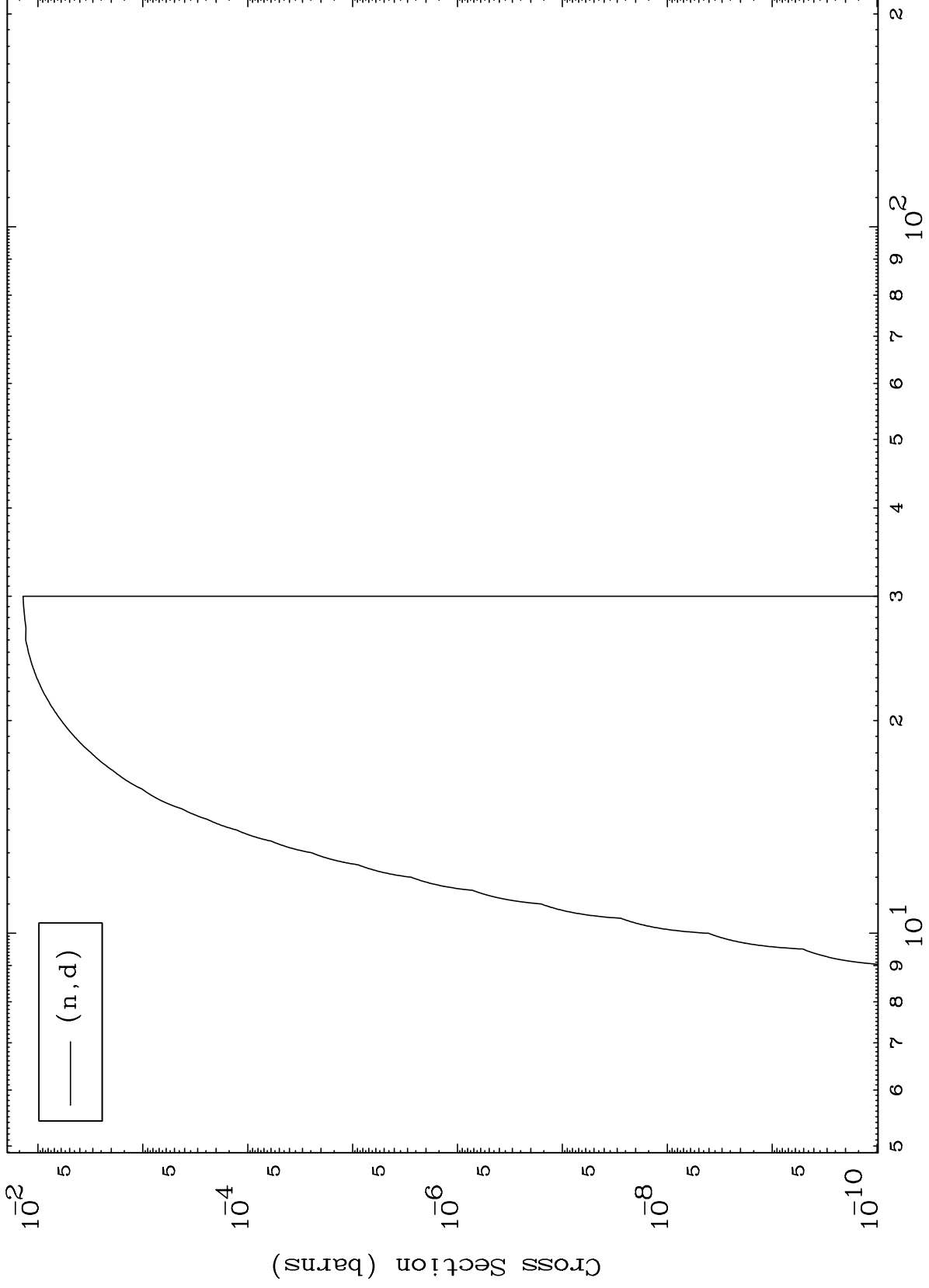
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-152



15

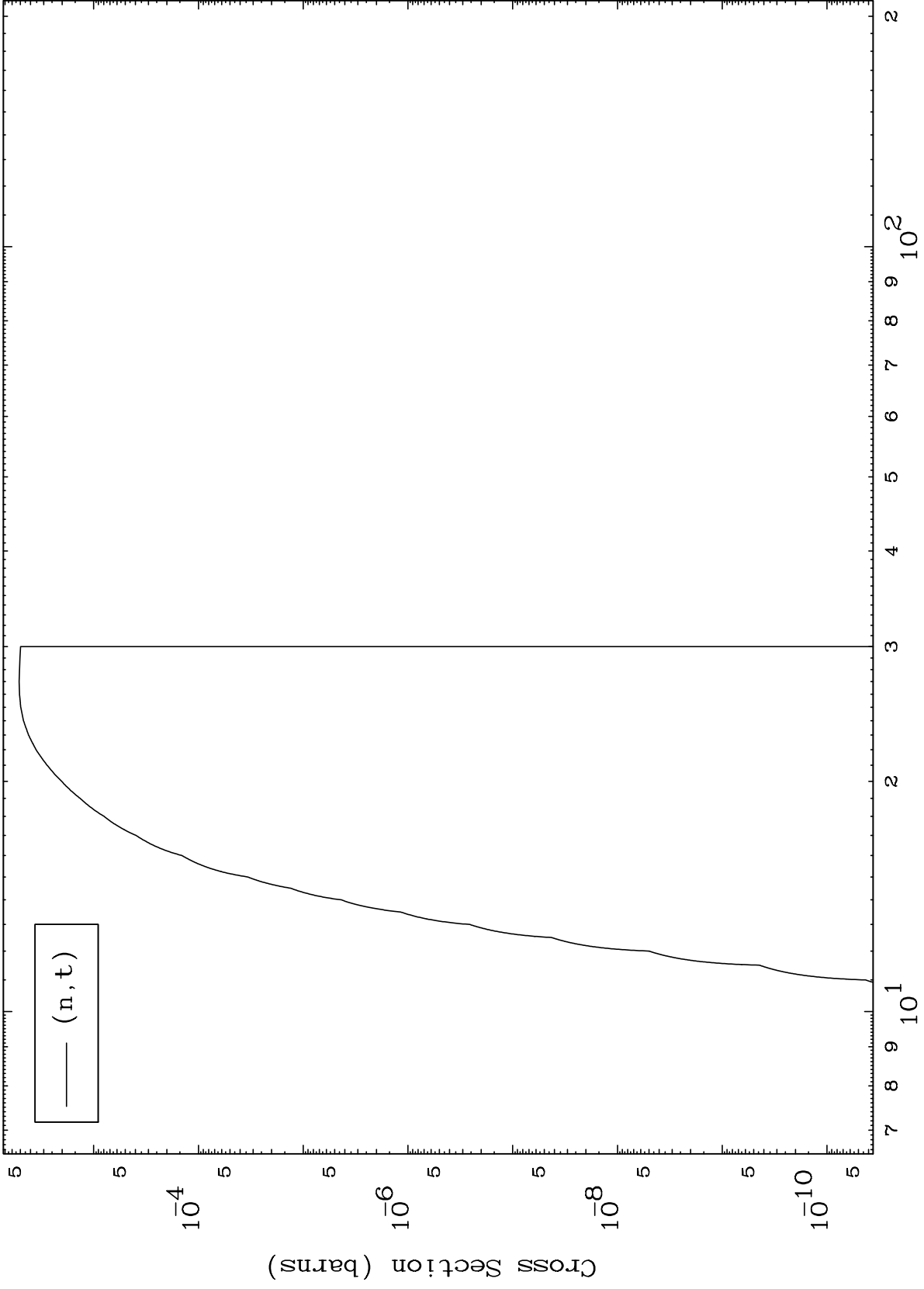
Incident Energy (MeV)

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MAT 6425

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-152



16

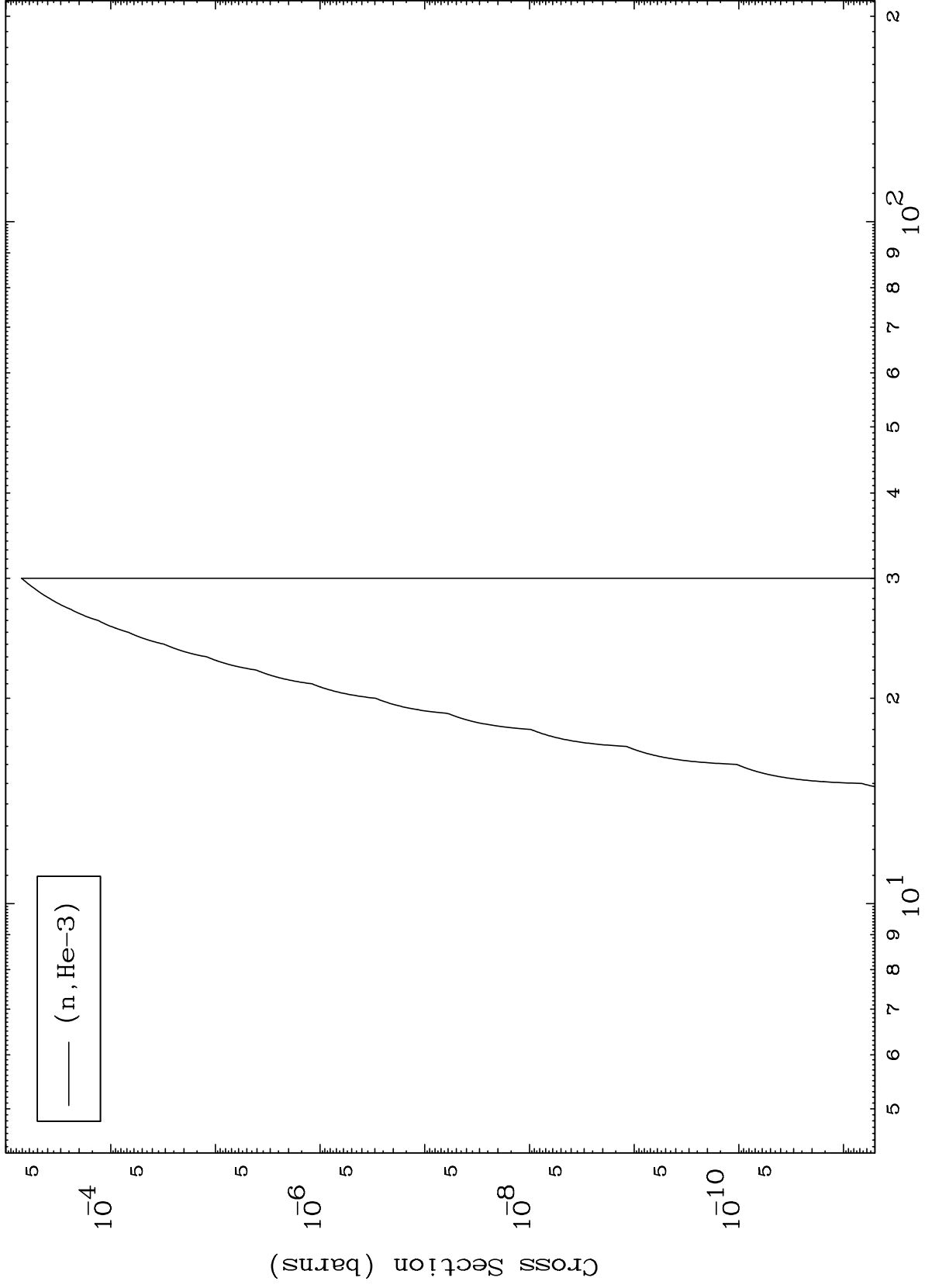
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-152



17

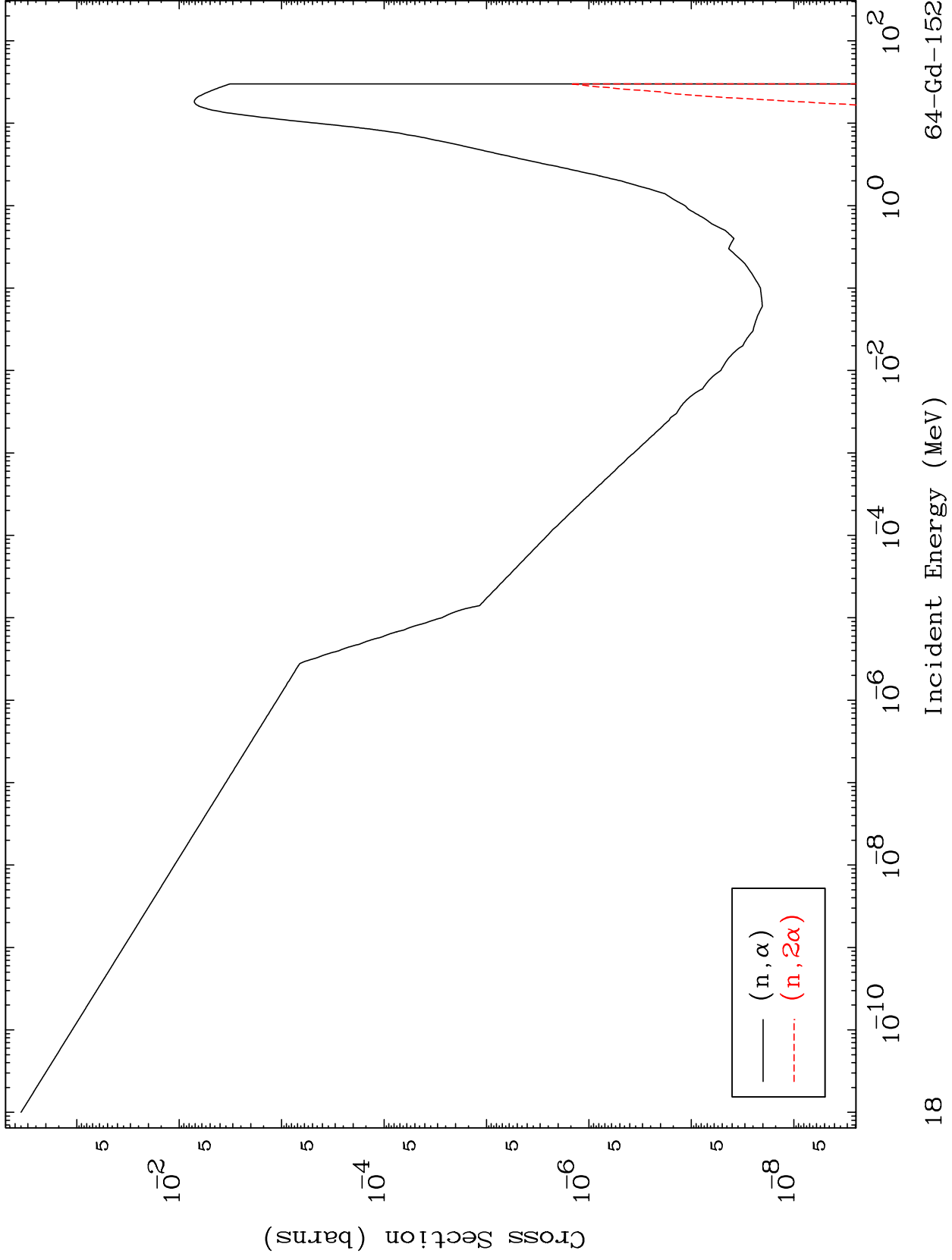
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n, α) Levels
293 Kelvin Cross Sections

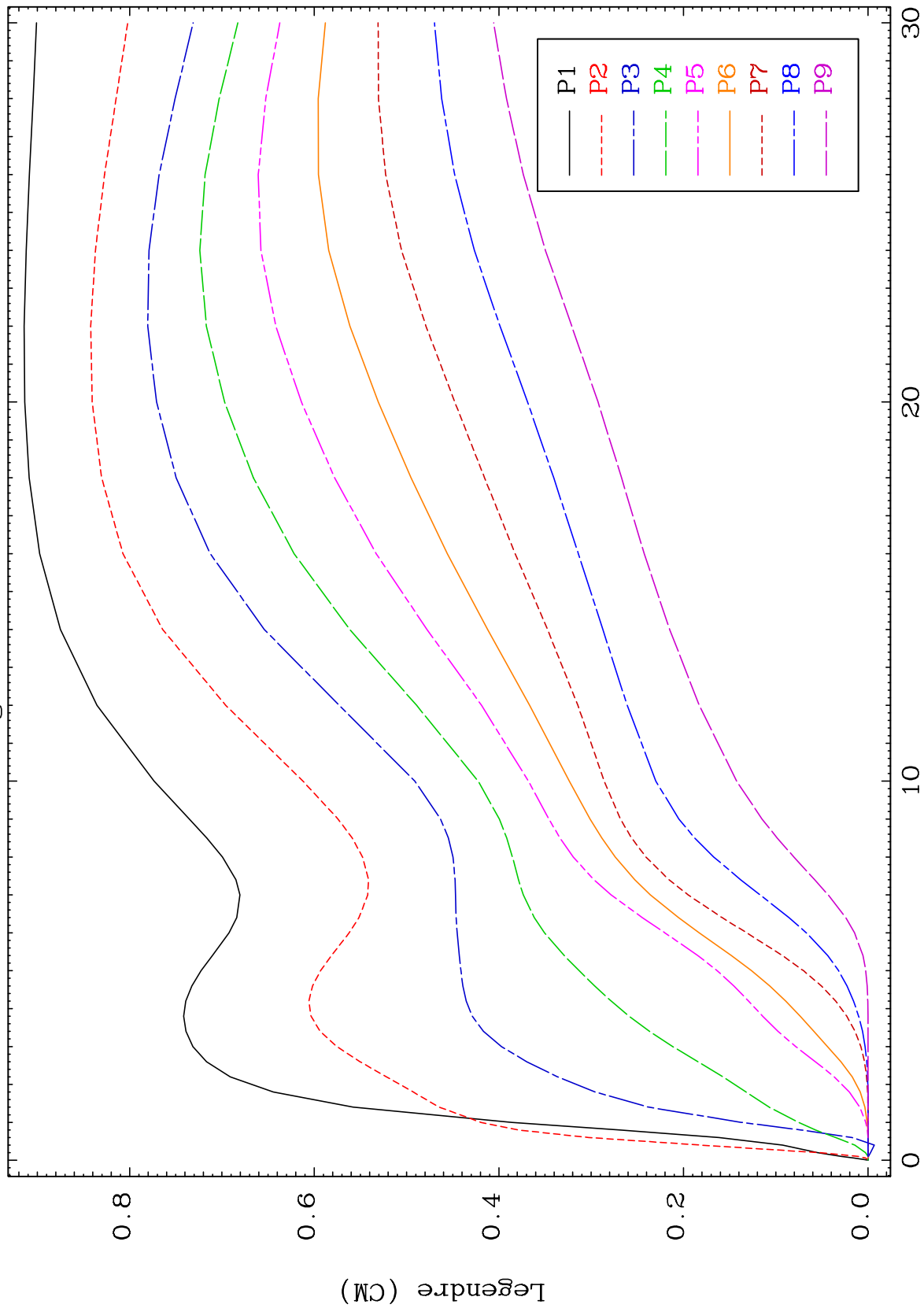
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MAT 6425

Elastic Legendre Coefficients

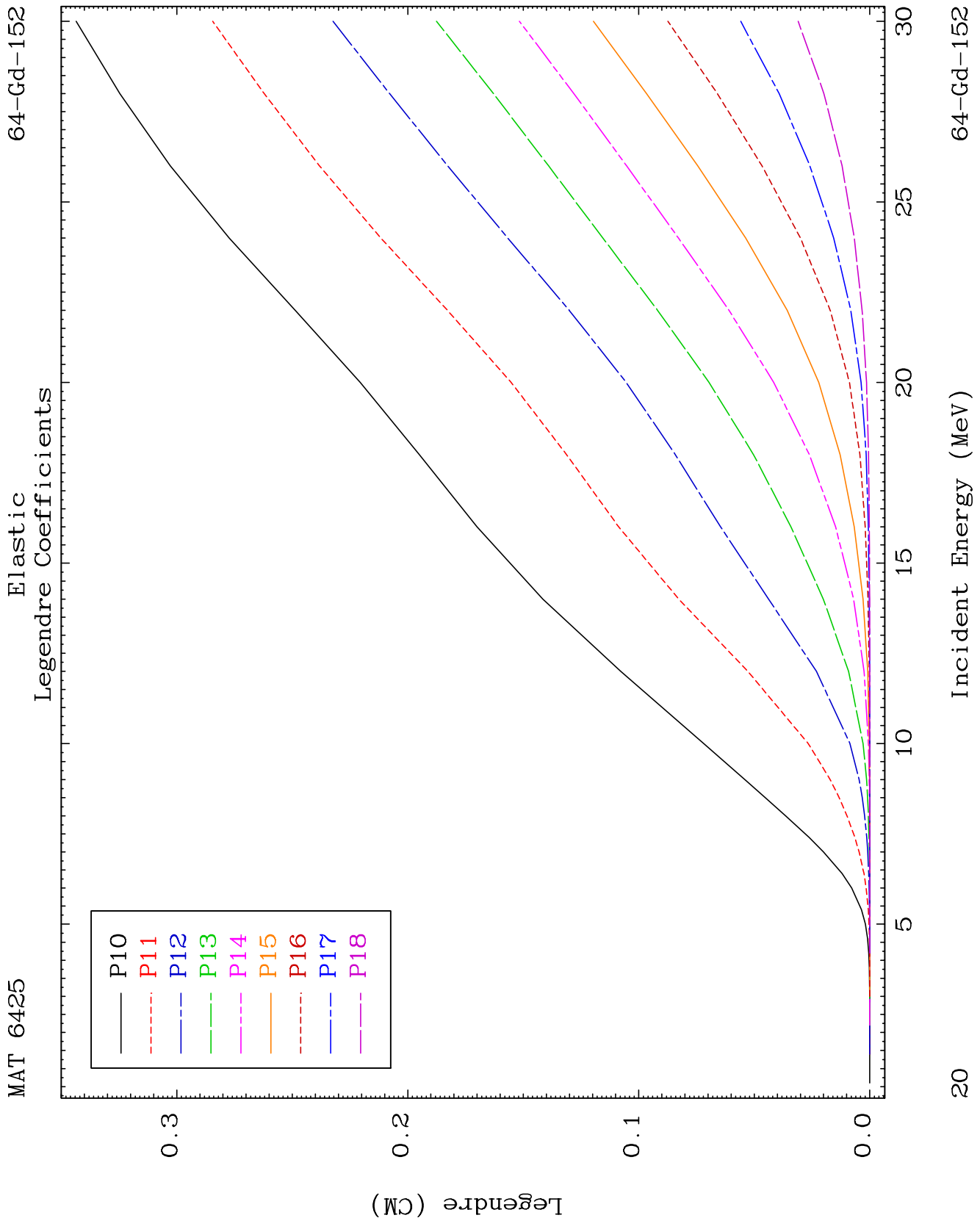
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19

Incident Energy (MeV)

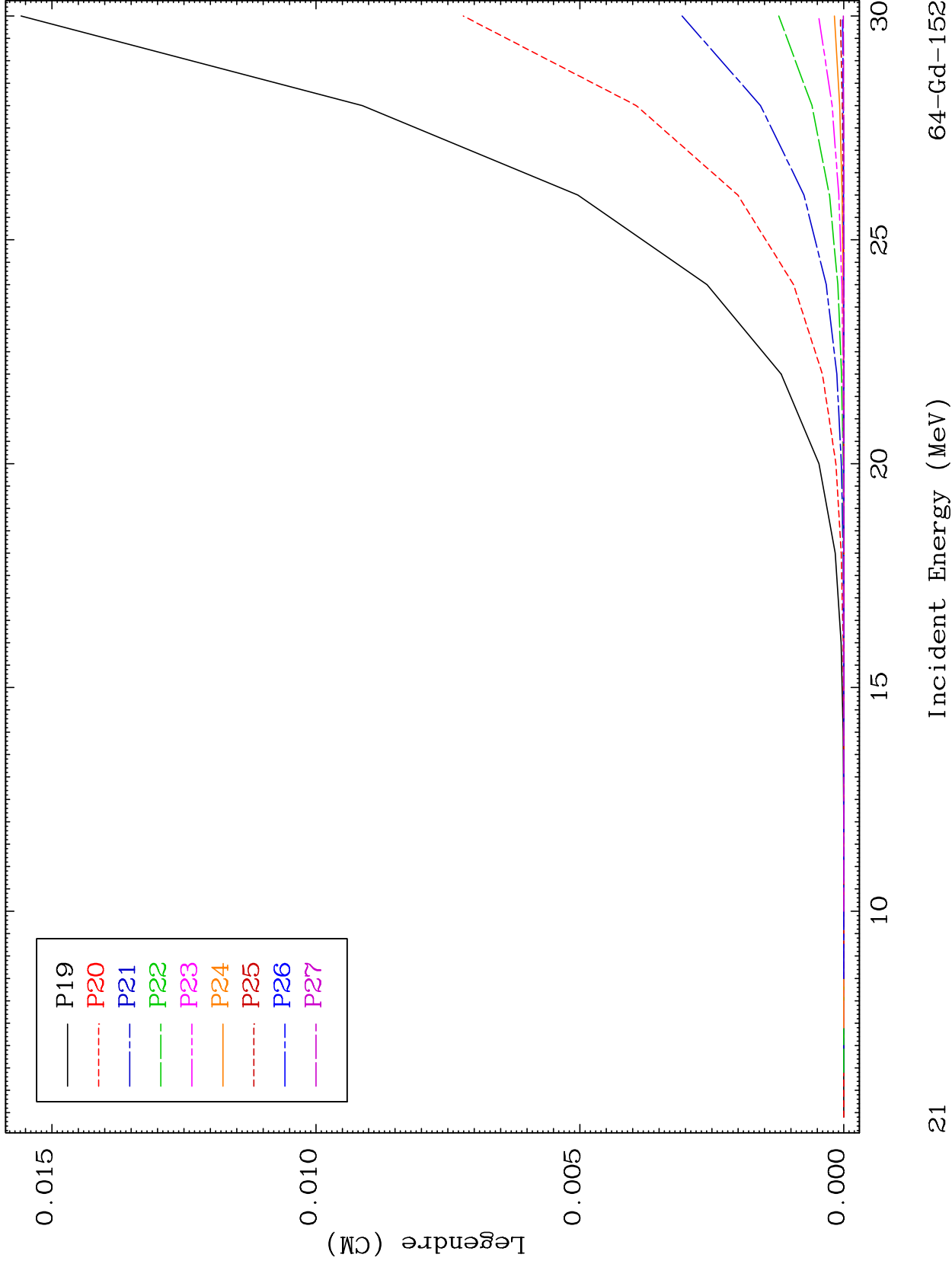
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MAT 6425

Elastic Legendre Coefficients

64-Gd-152

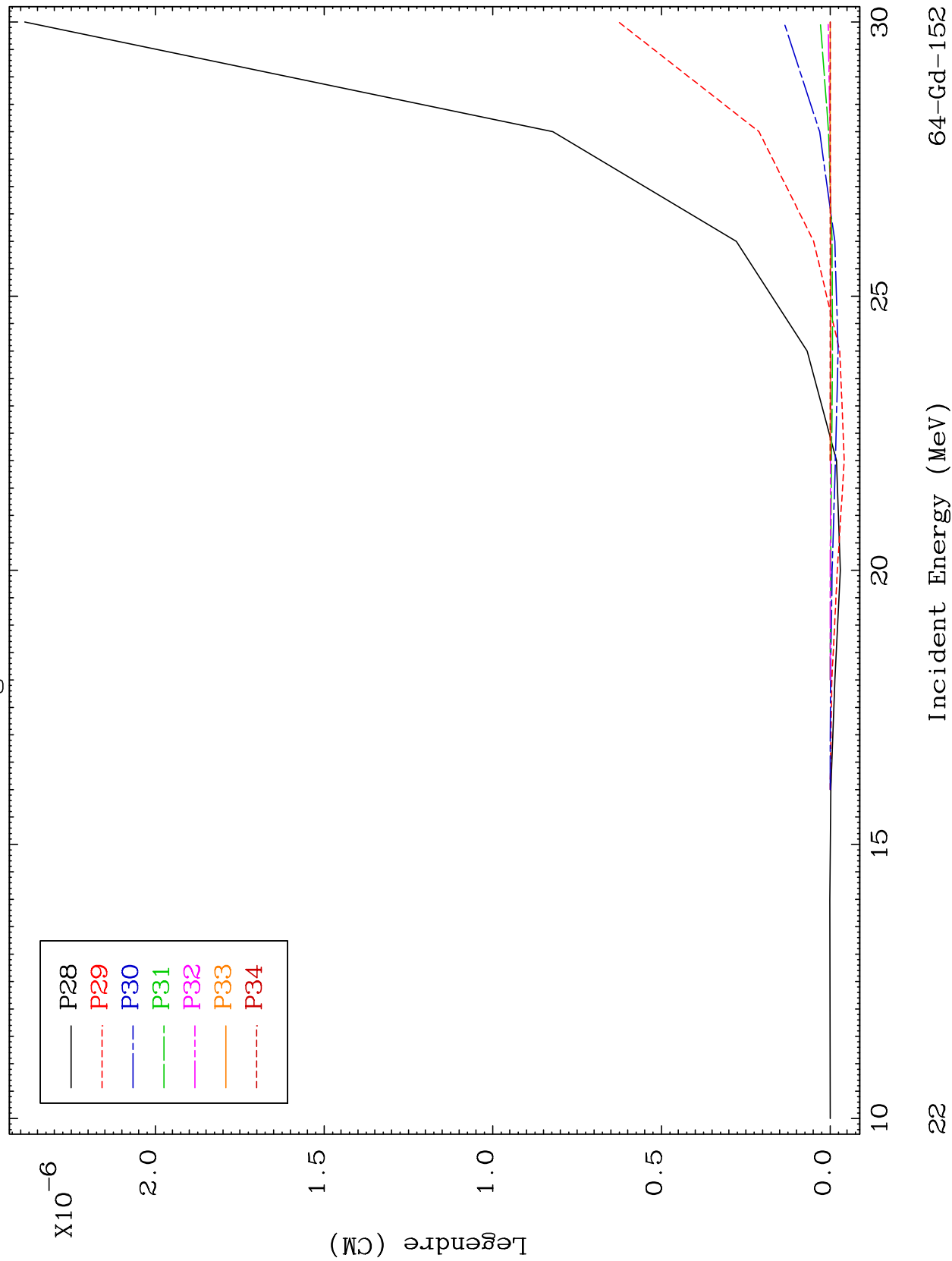


64-Gd-152

MAT 6425

Elastic Legendre Coefficients

64-Gd-152



64-Gd-152

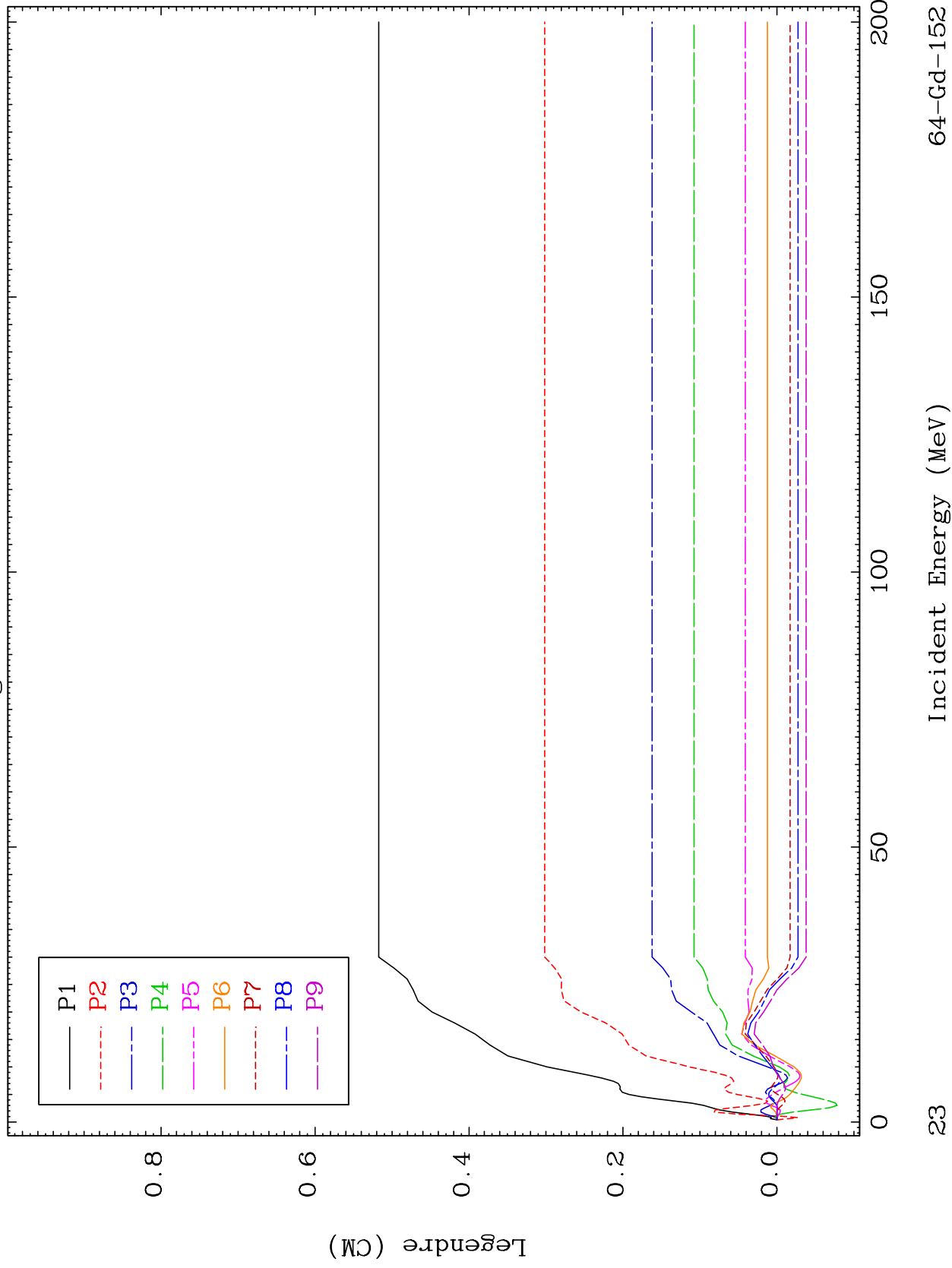
Incident Energy (MeV)

22

MAT 6425

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

64-Gd-152



23

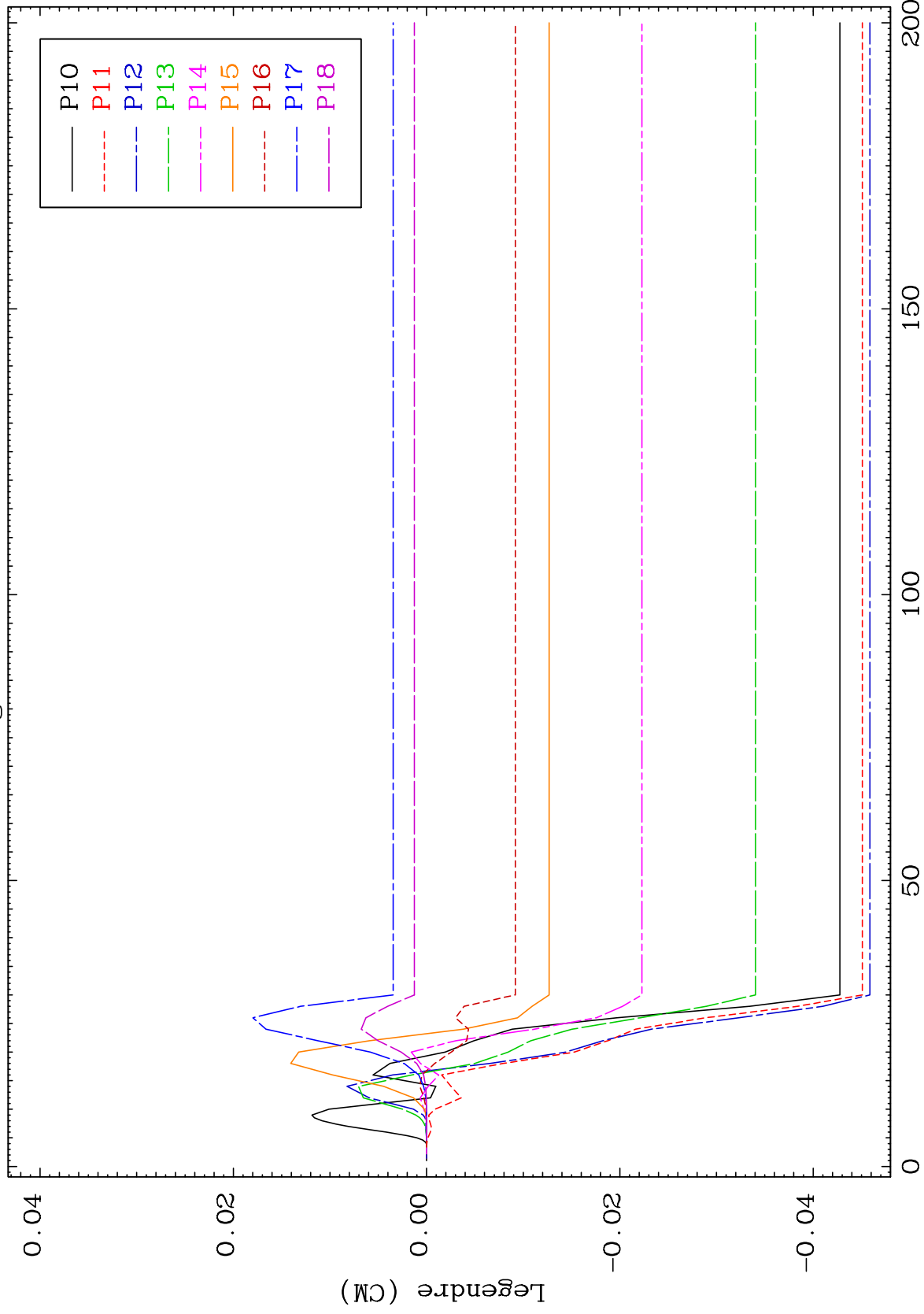
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



24

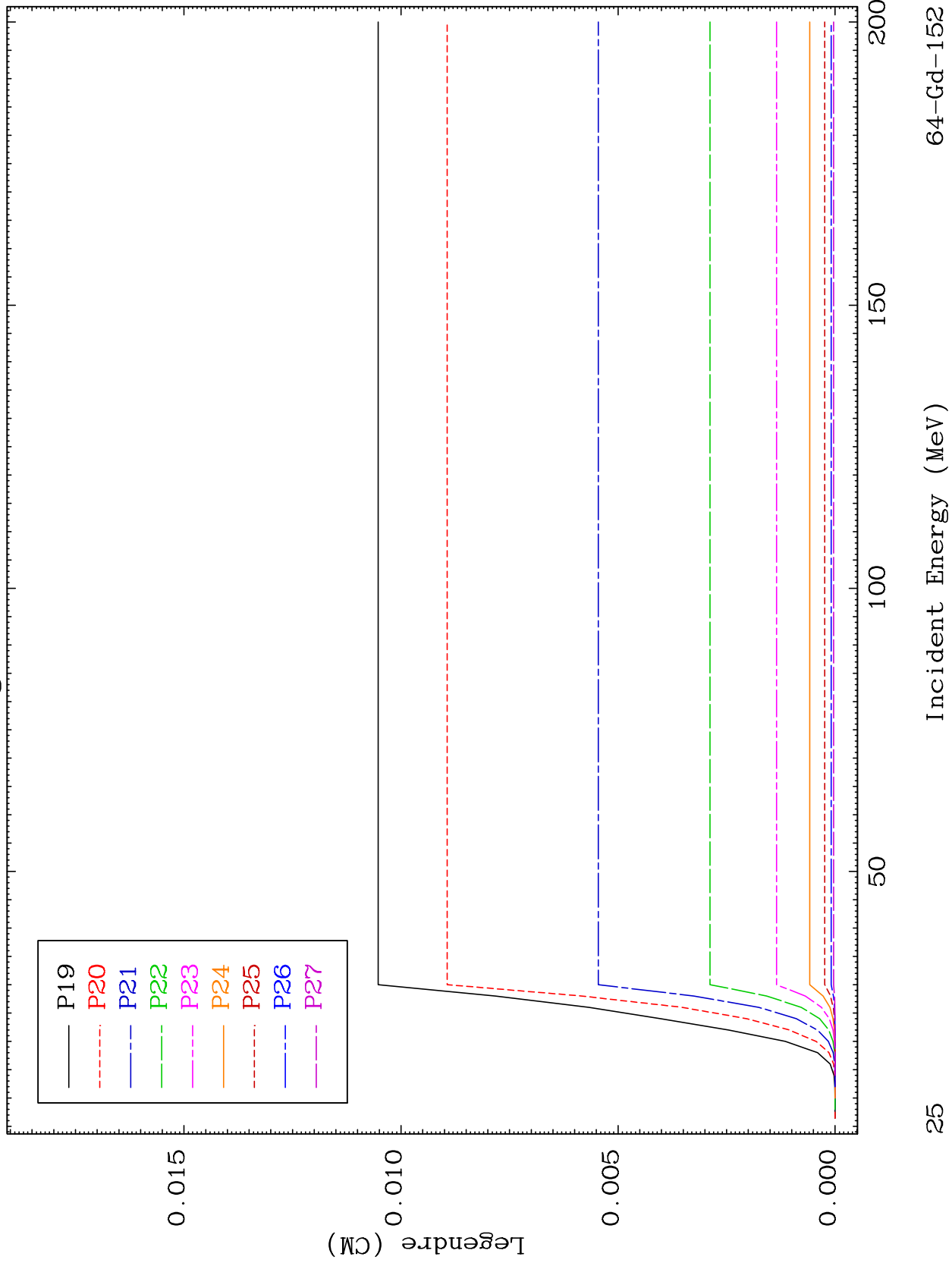
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



25

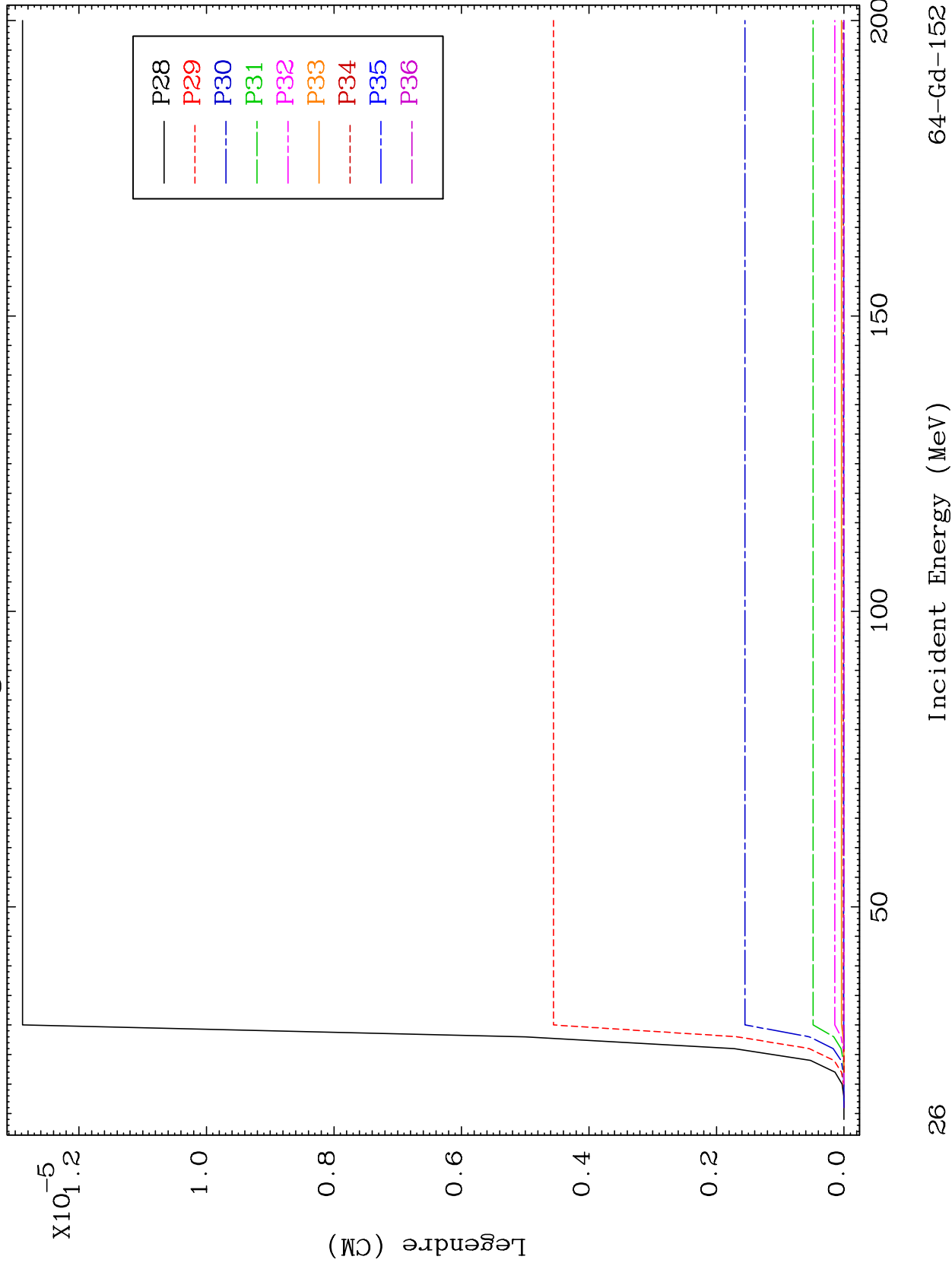
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MAT 6425

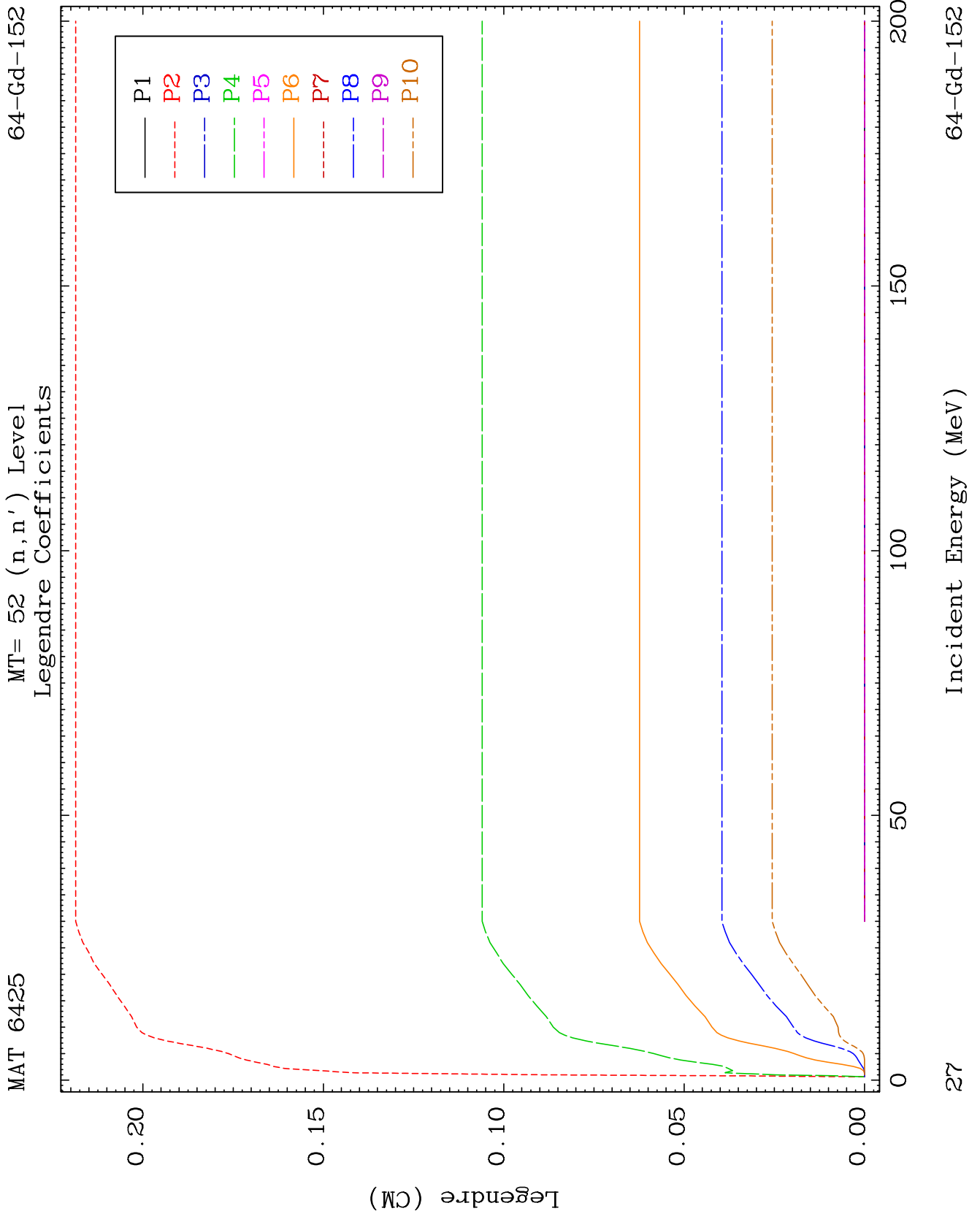
MT= 51 (n,n') Level
Legendre Coefficients

64-Gd-152



26

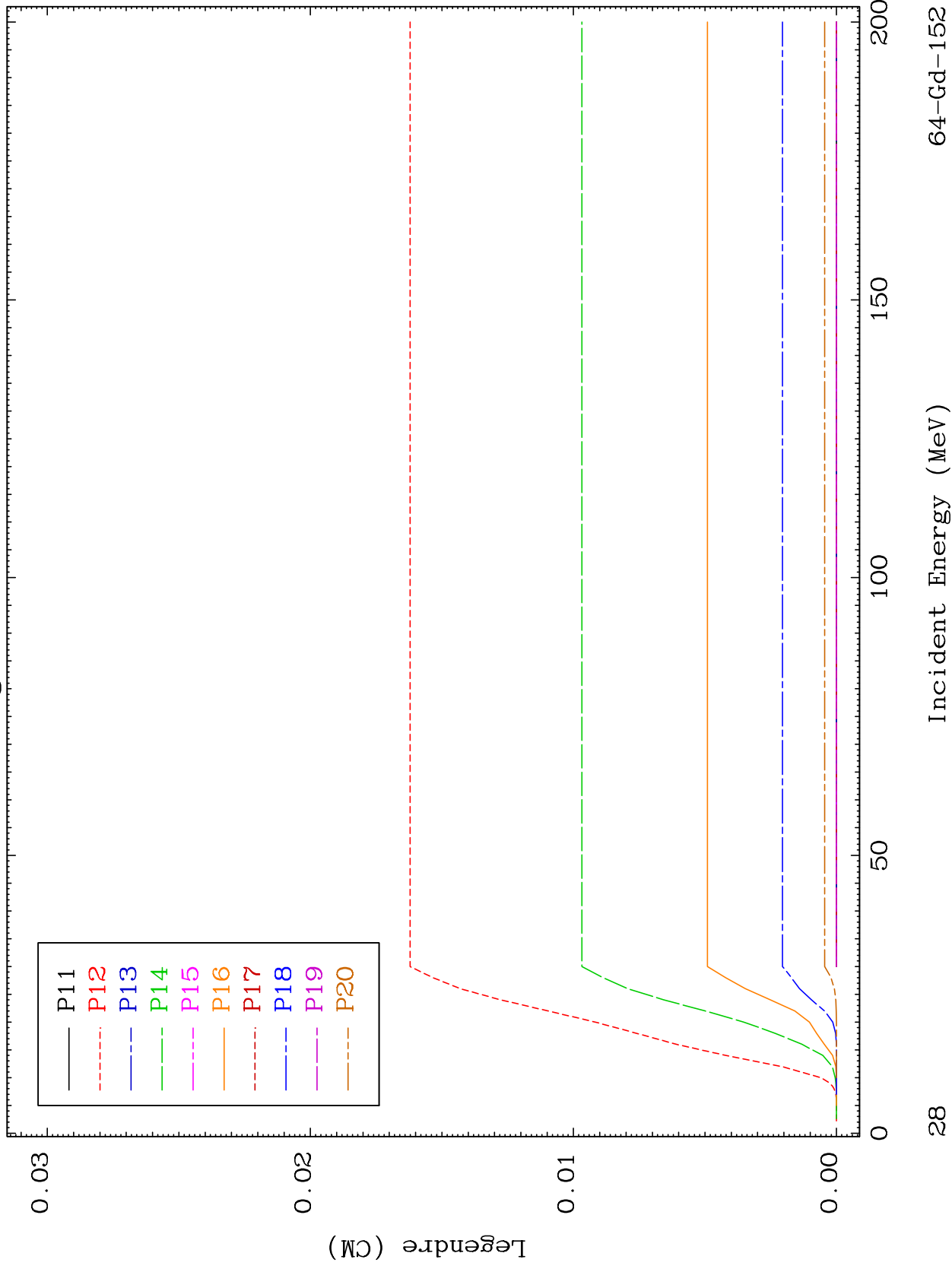
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

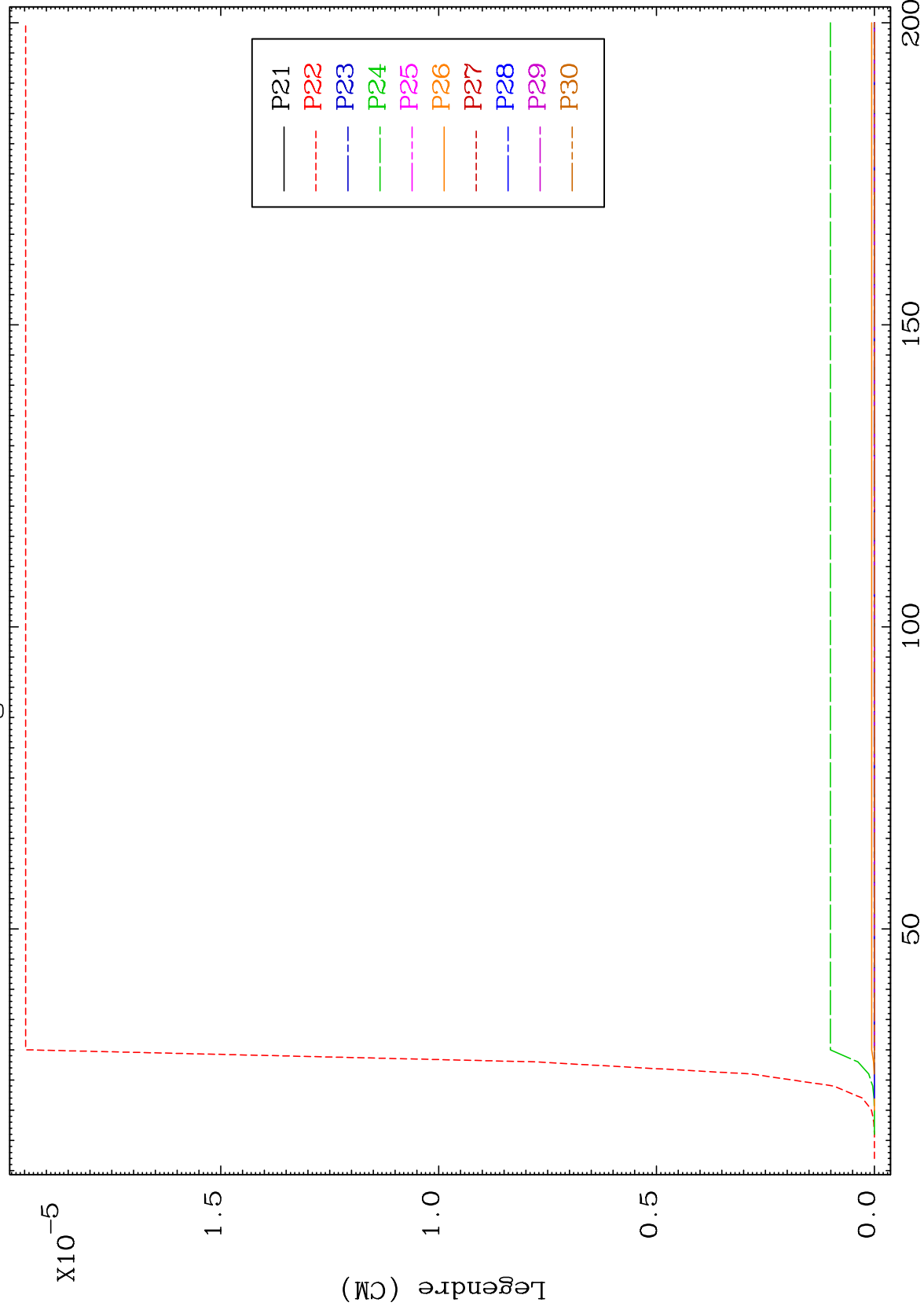
Incident Energy (MeV)

28

MAT 6425

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

64-Gd-152



29

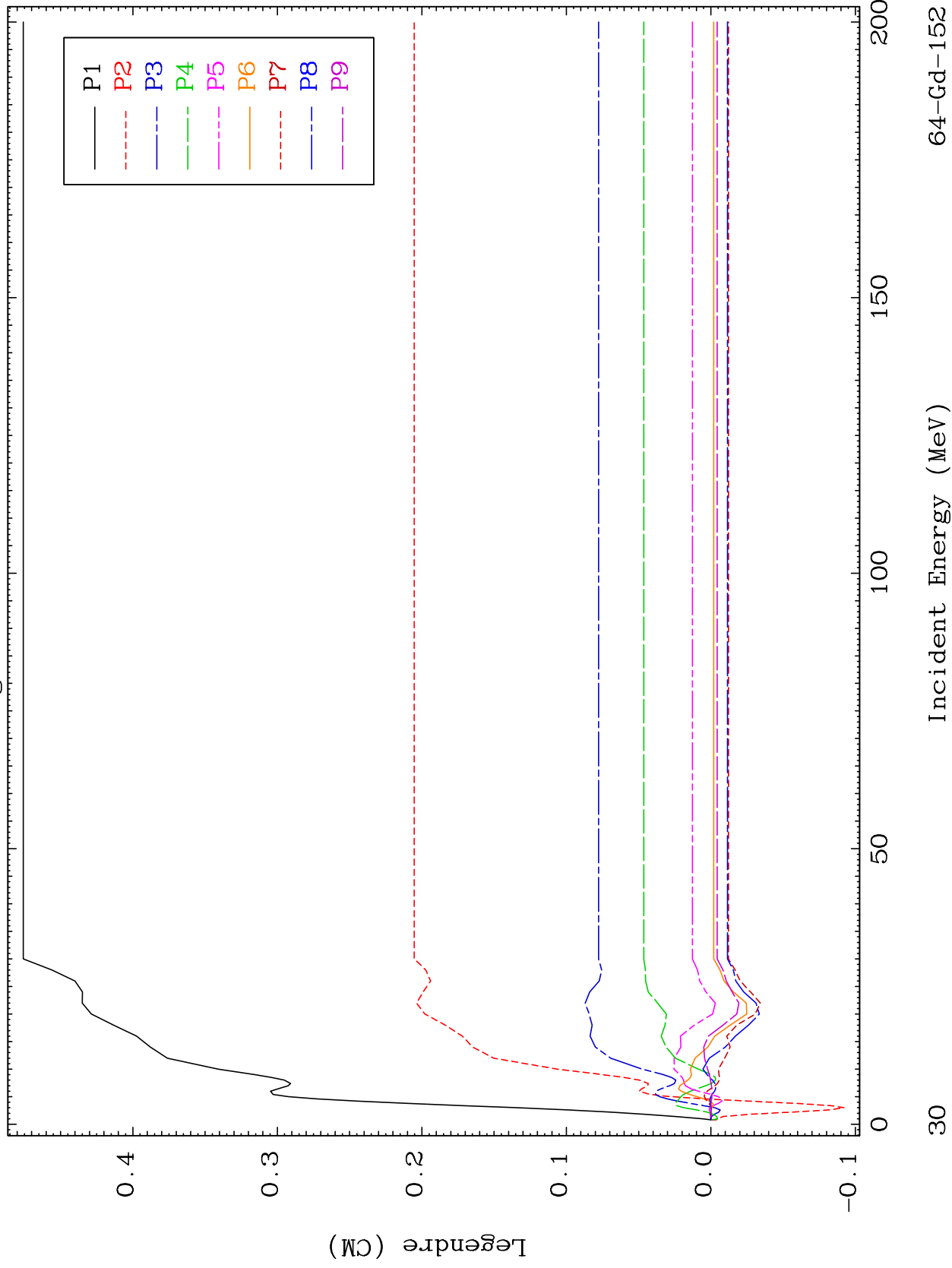
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



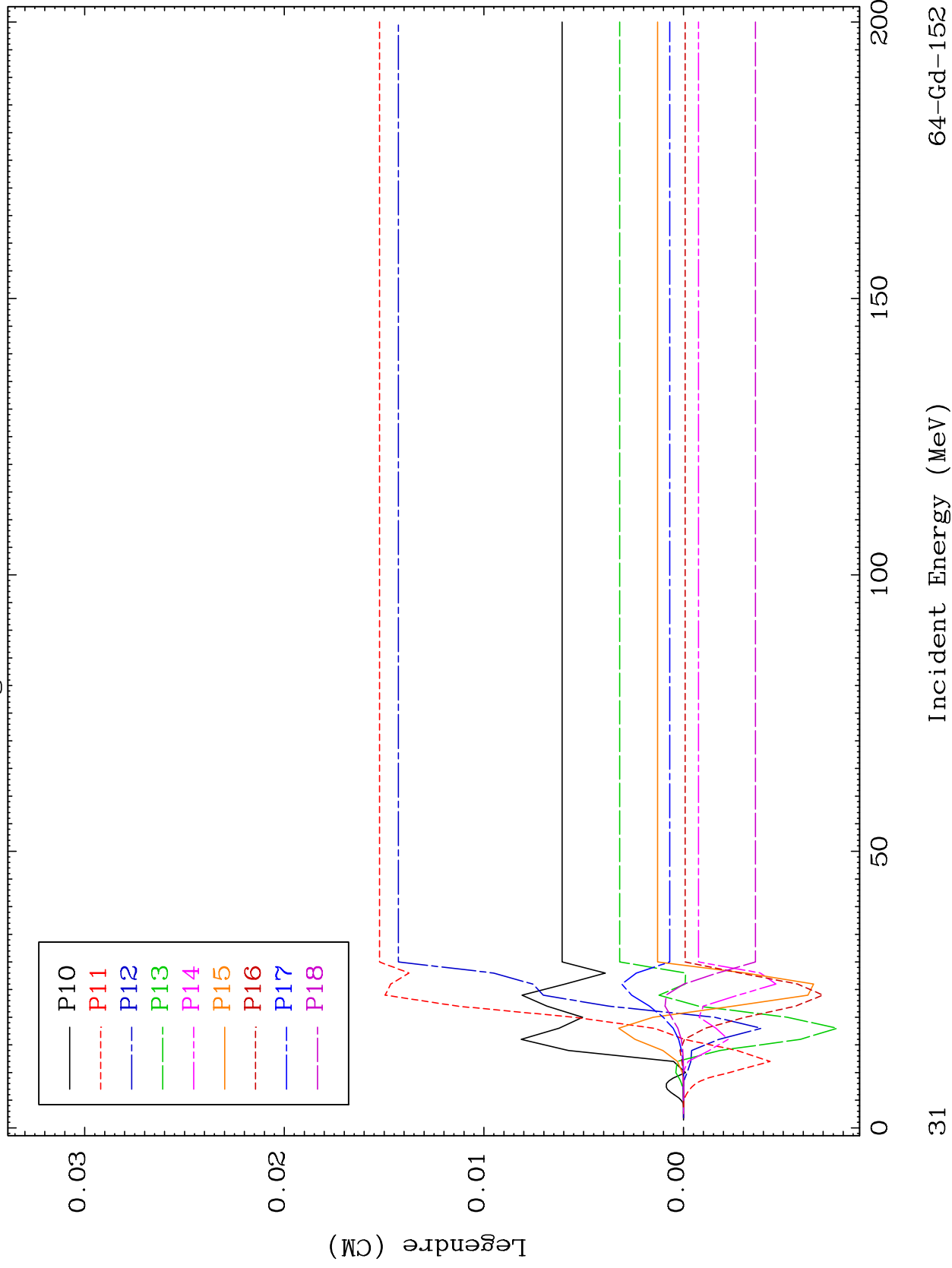
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Incident Energy (MeV)

MAT 6425

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

64-Gd-152



31

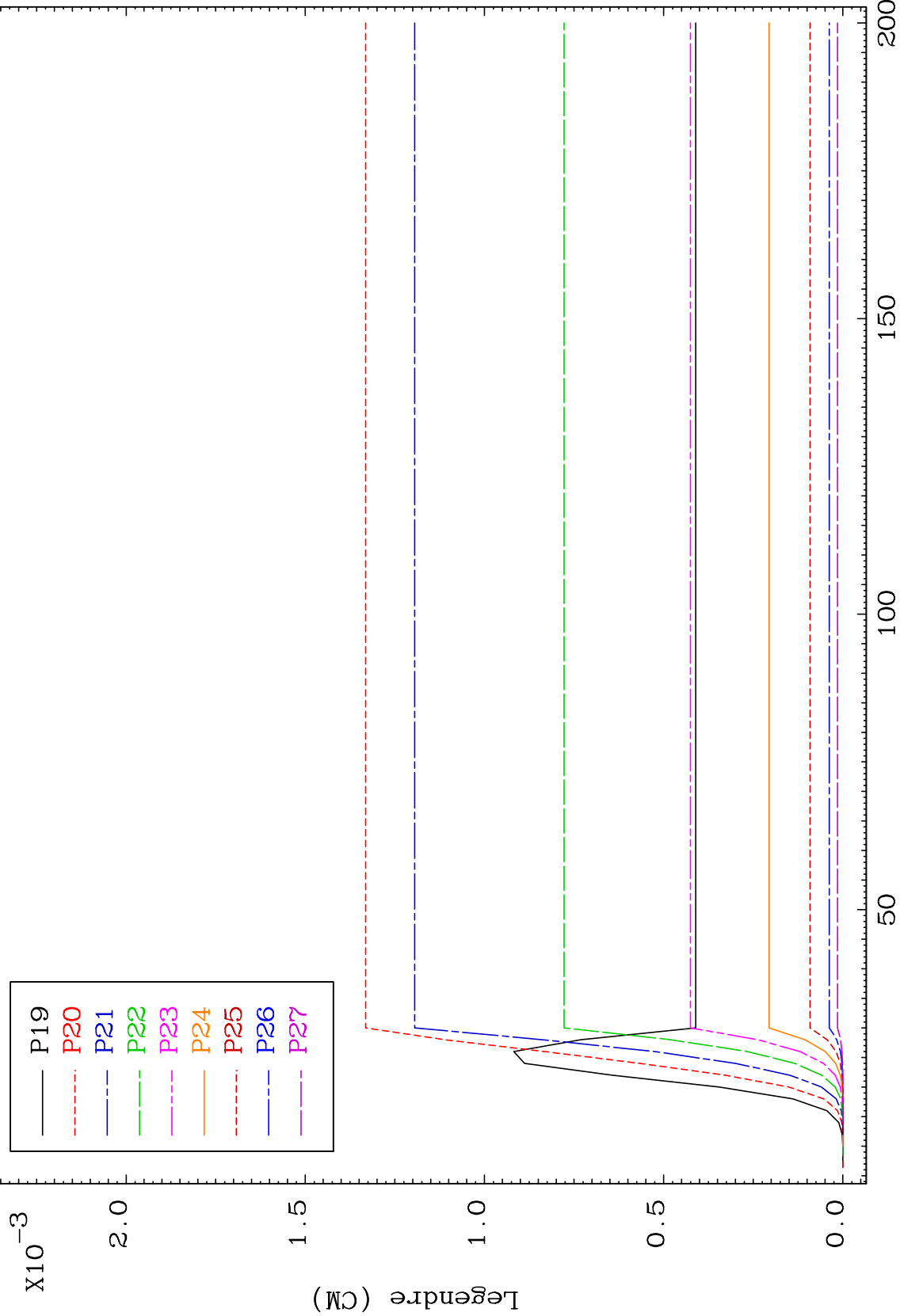
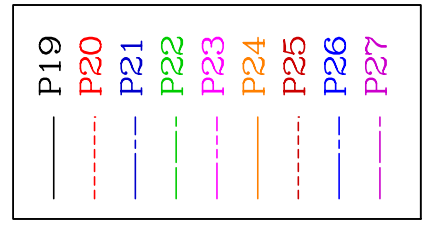
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

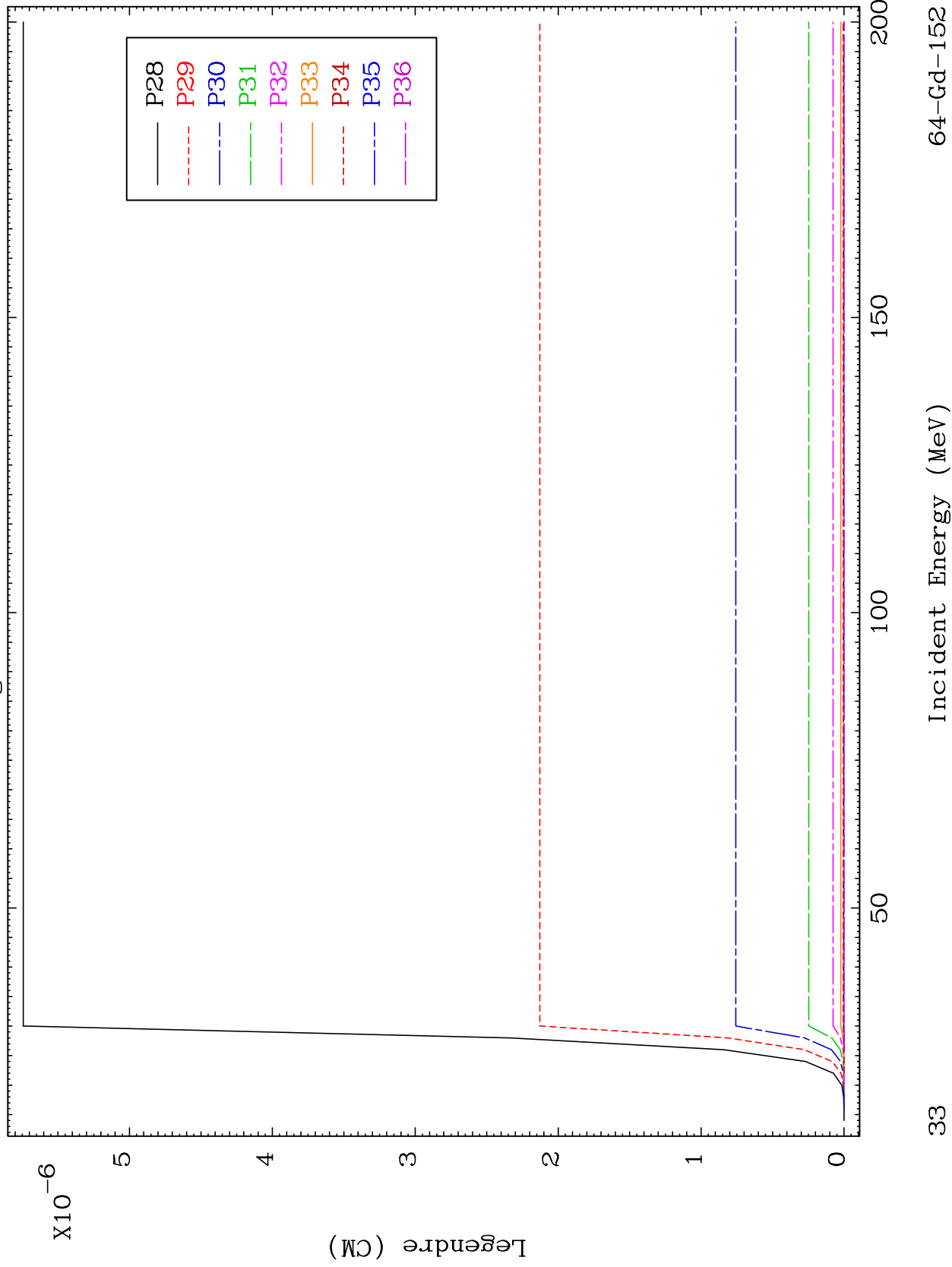
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MAT 6425

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

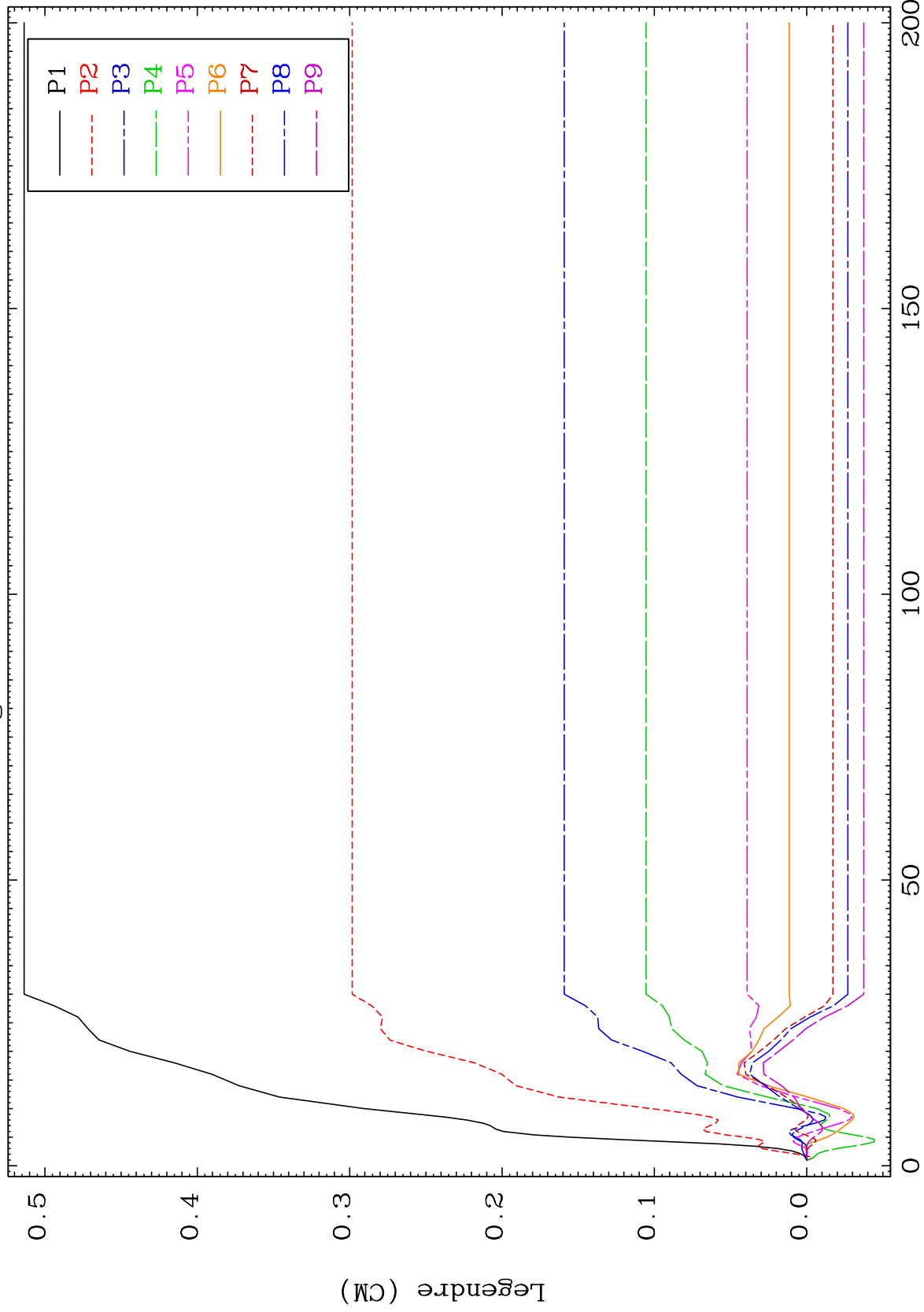
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MAT 6425

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

64-Gd-152



34

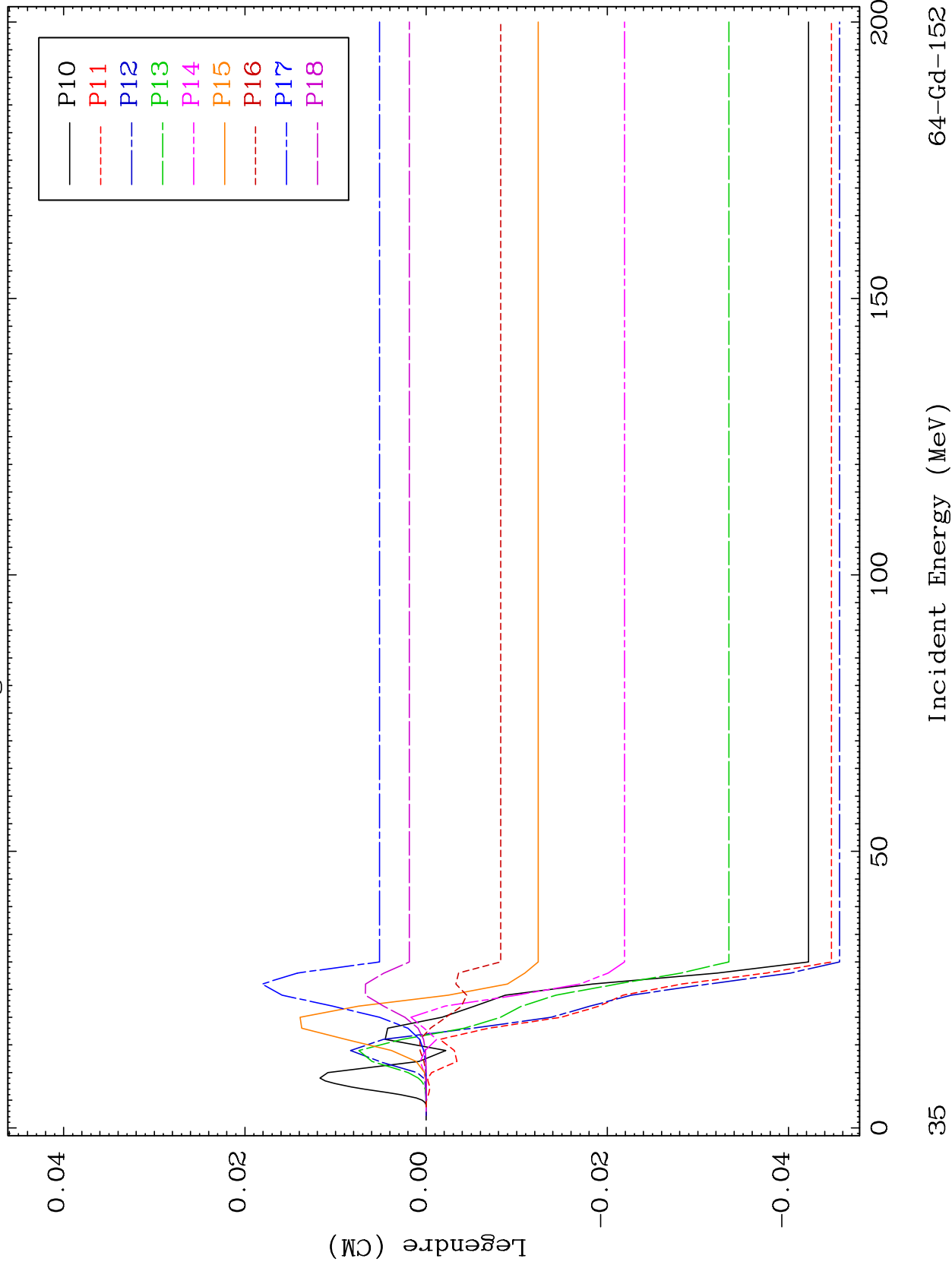
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

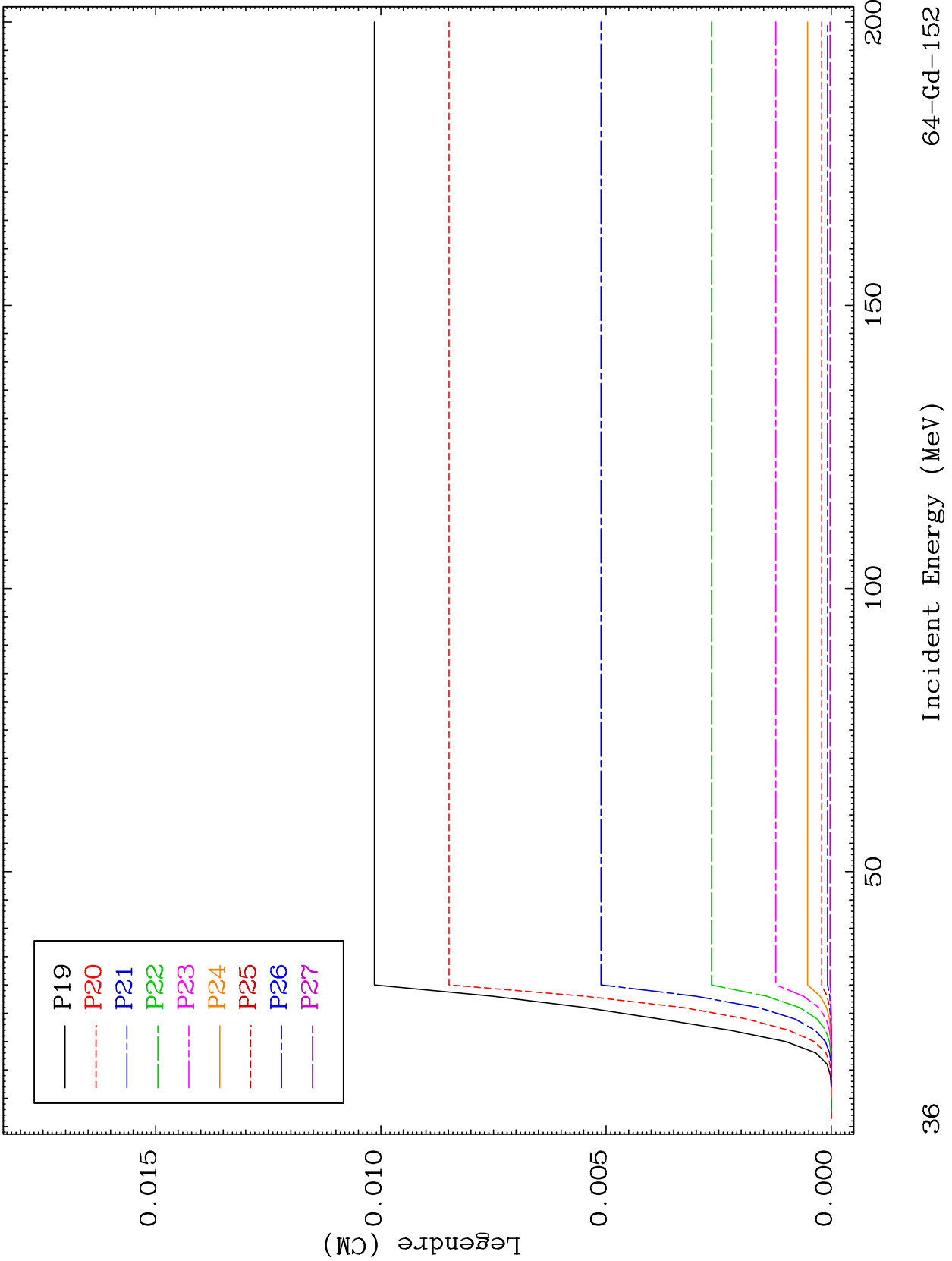
Incident Energy (MeV)

35

MAT 6425

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

64-Gd-152



36

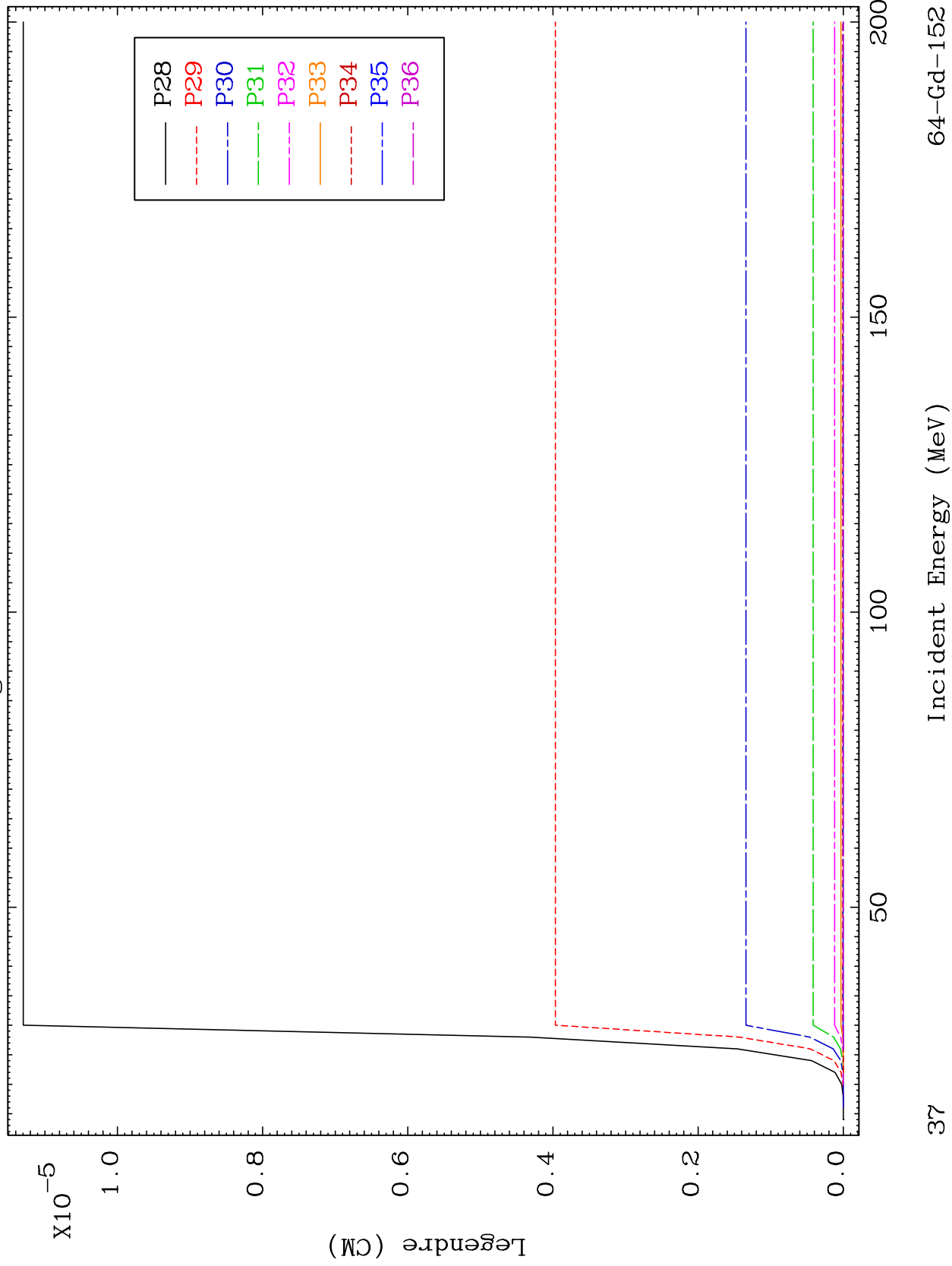
Incident Energy (MeV)

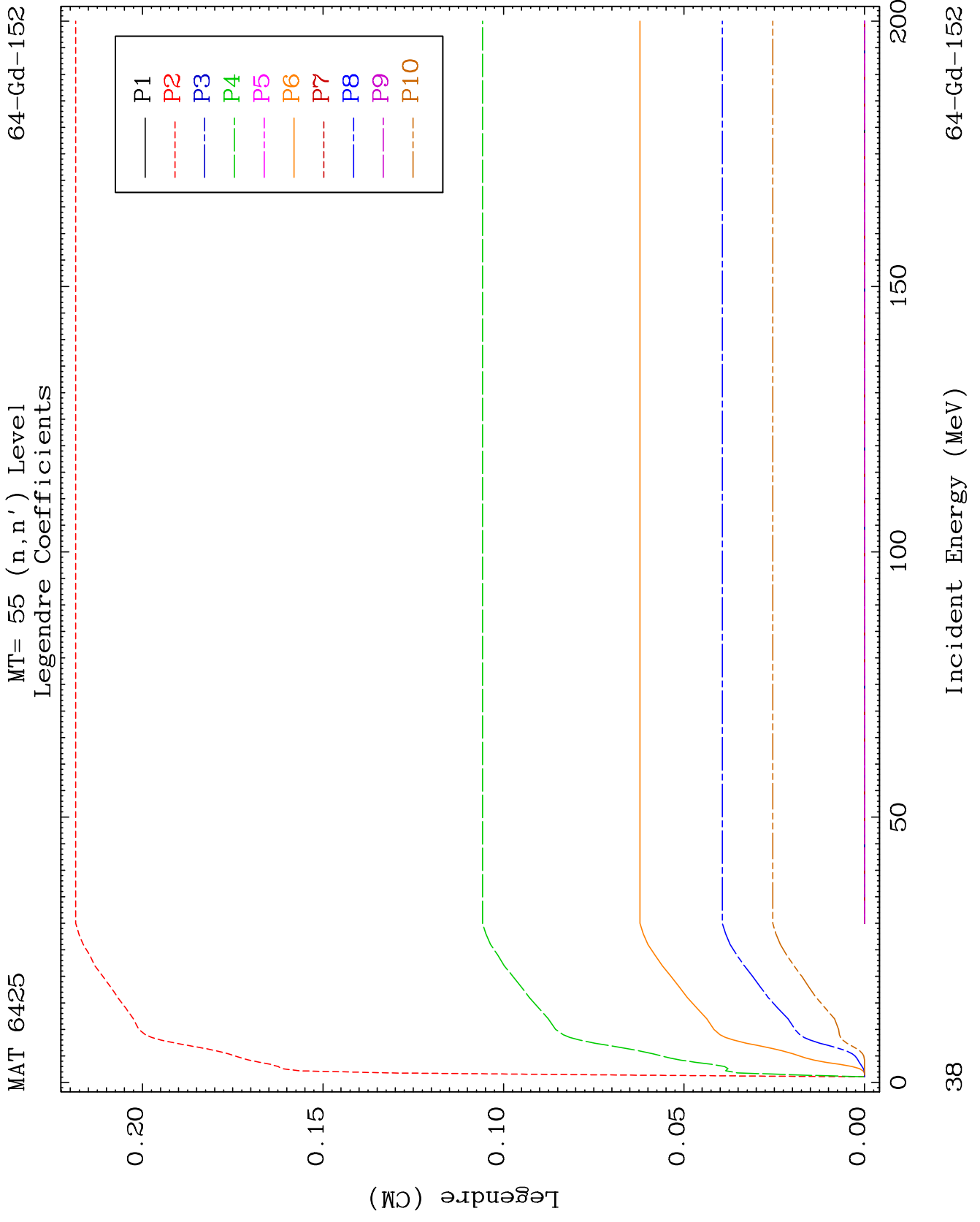
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MAT 6425

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

64-Gd-152

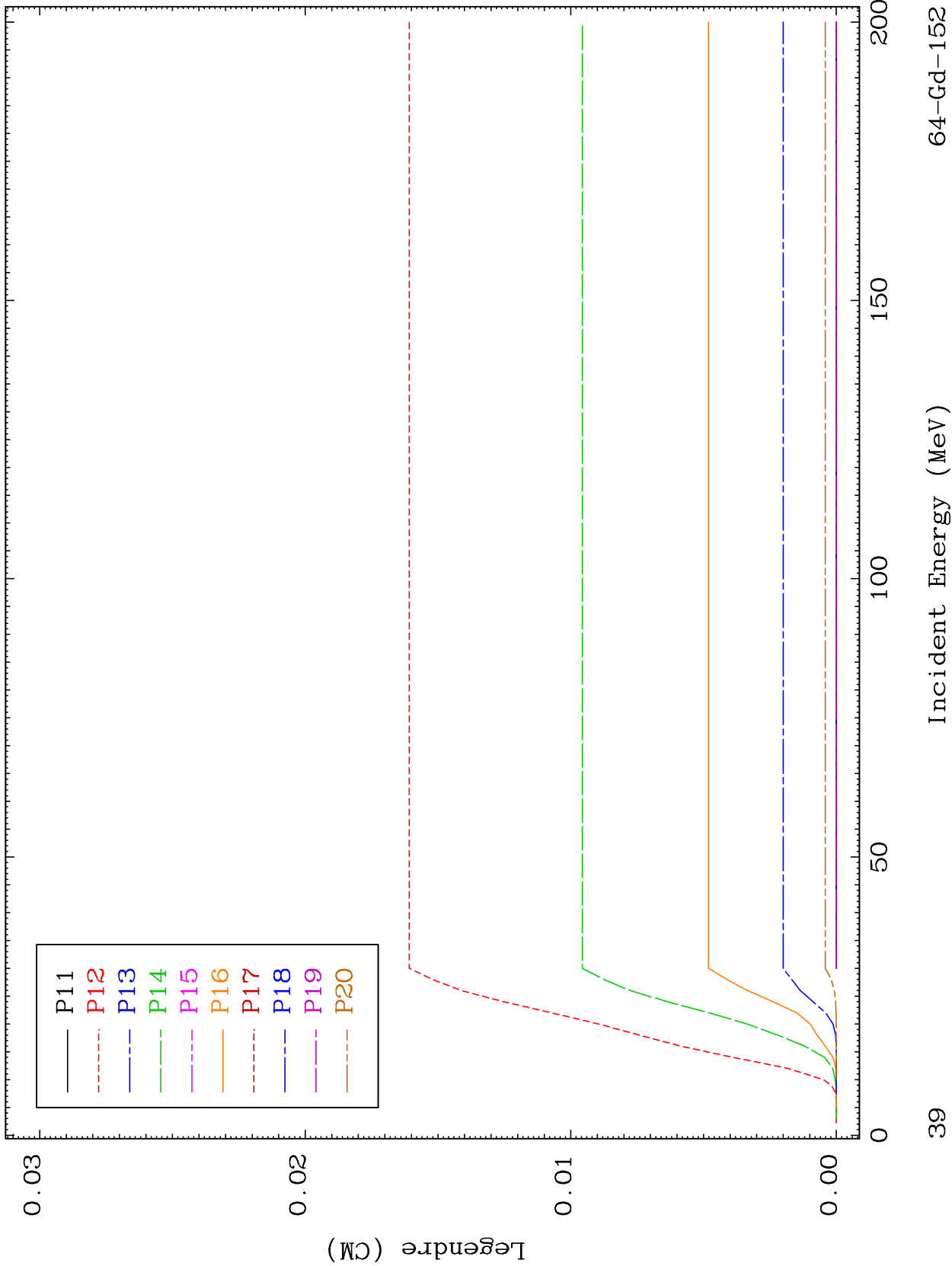




MAT 6425

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

64-Gd-152



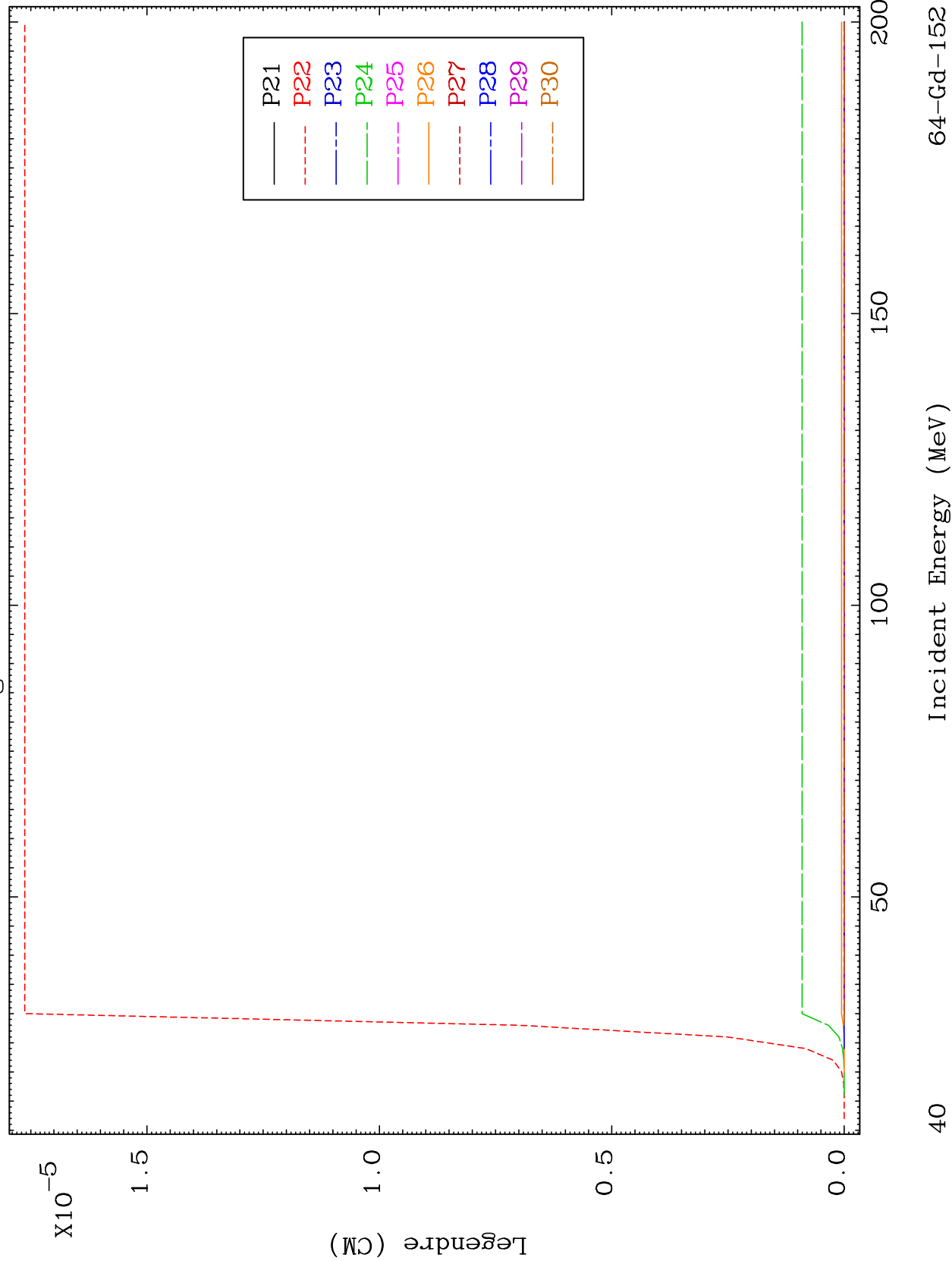
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64-Gd-152

MAT 6425

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

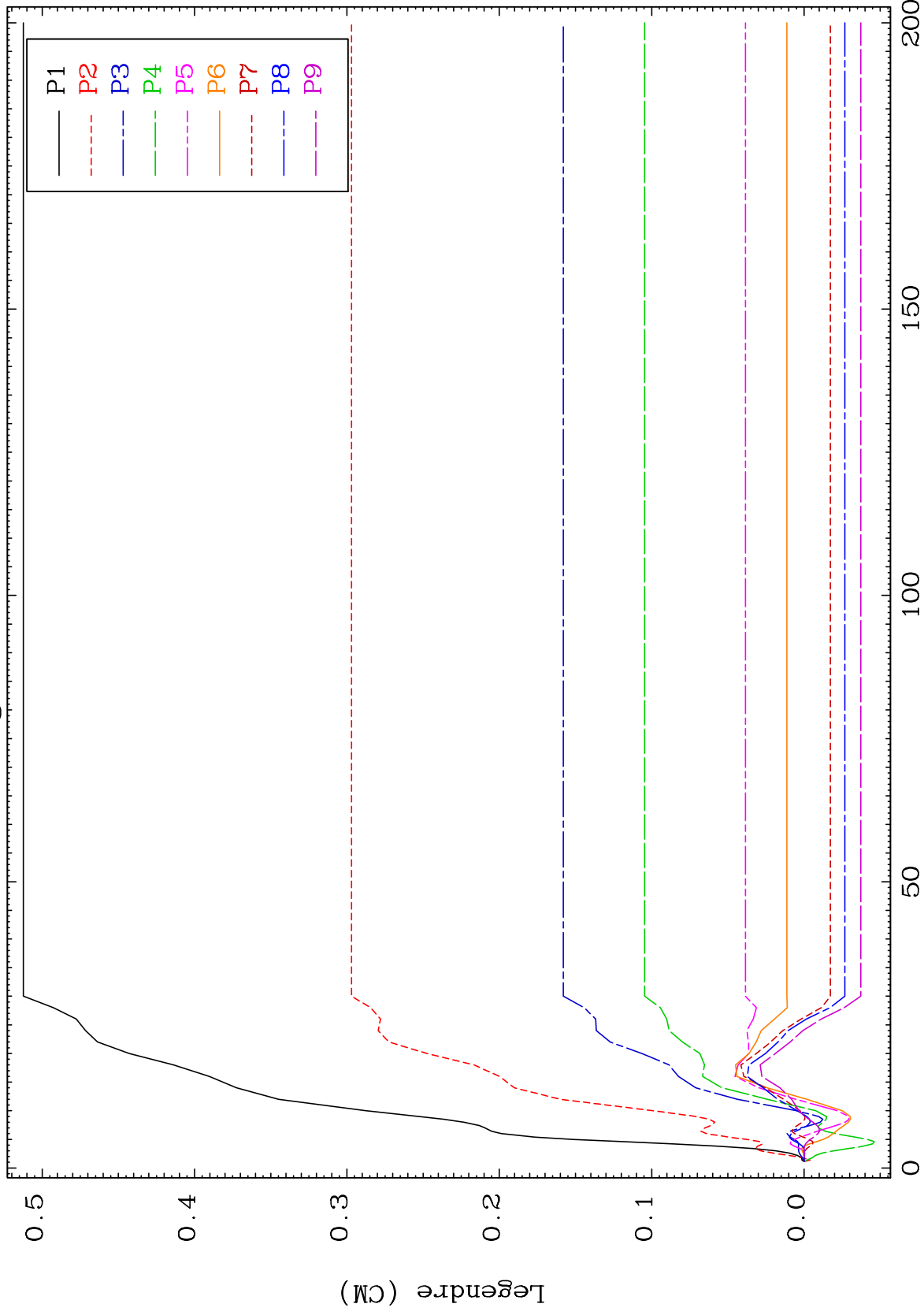
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MAT 6425

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

64-Gd-152



41

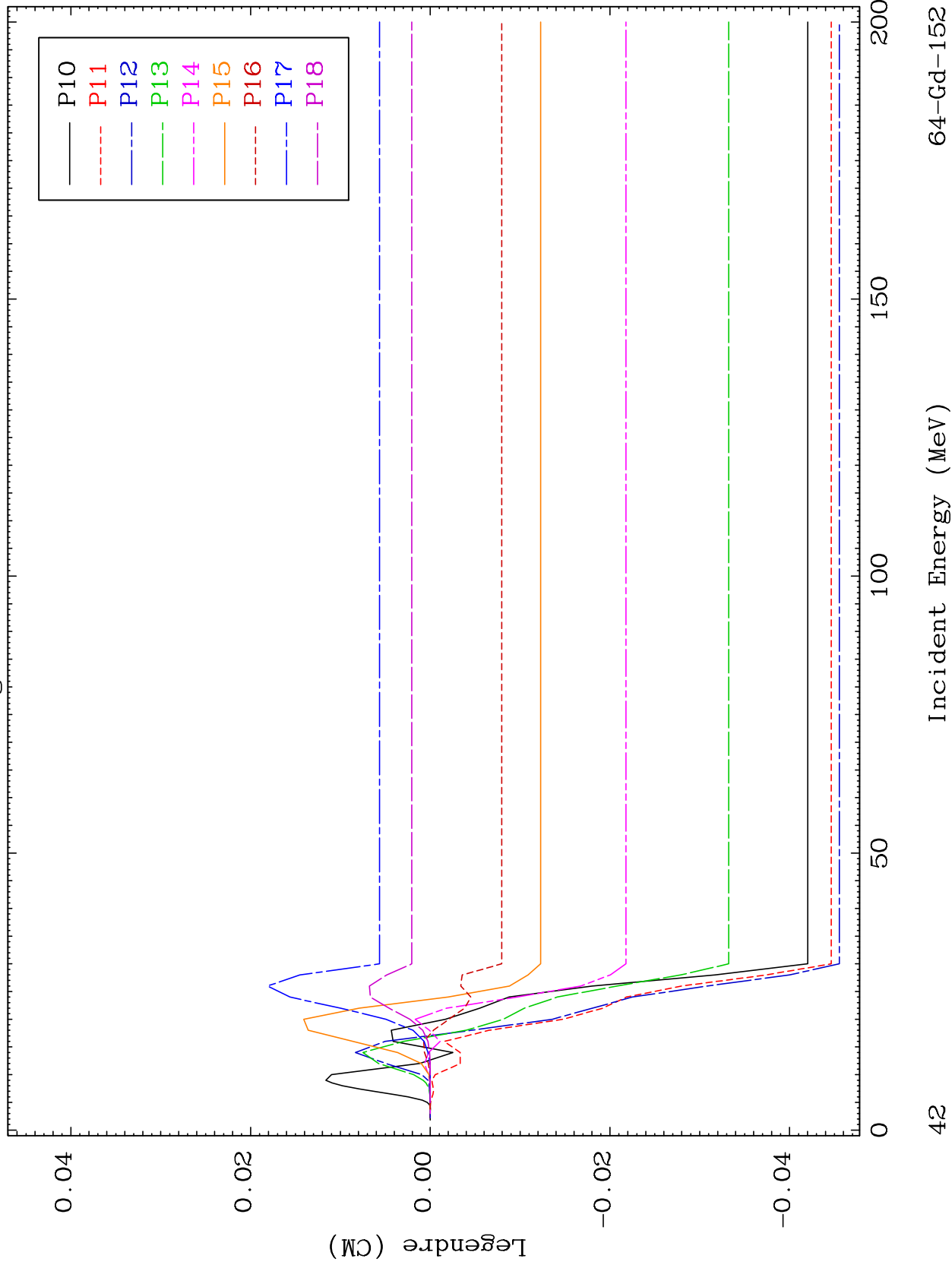
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

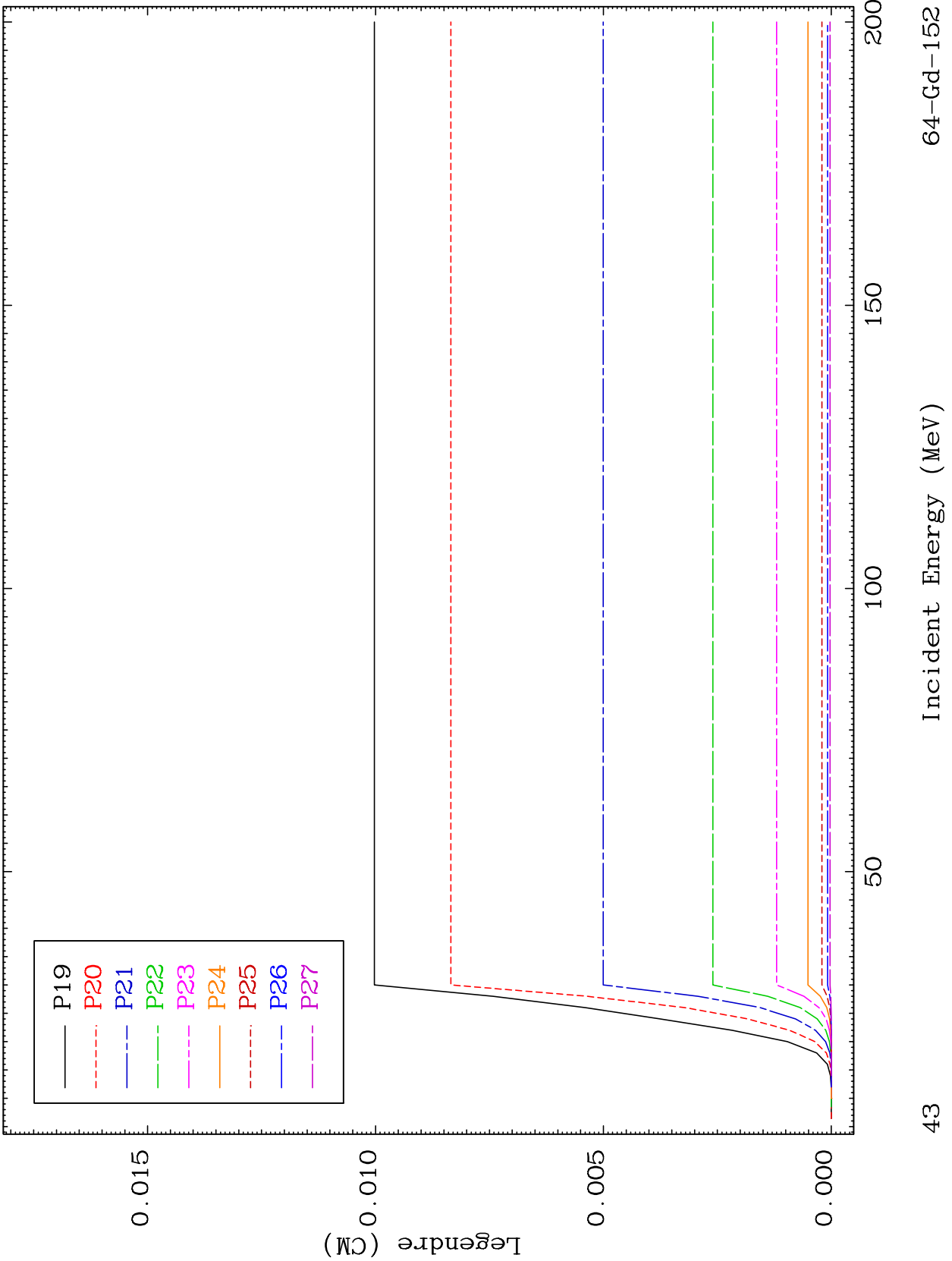
Incident Energy (MeV)

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MAT 6425

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

64-Gd-152



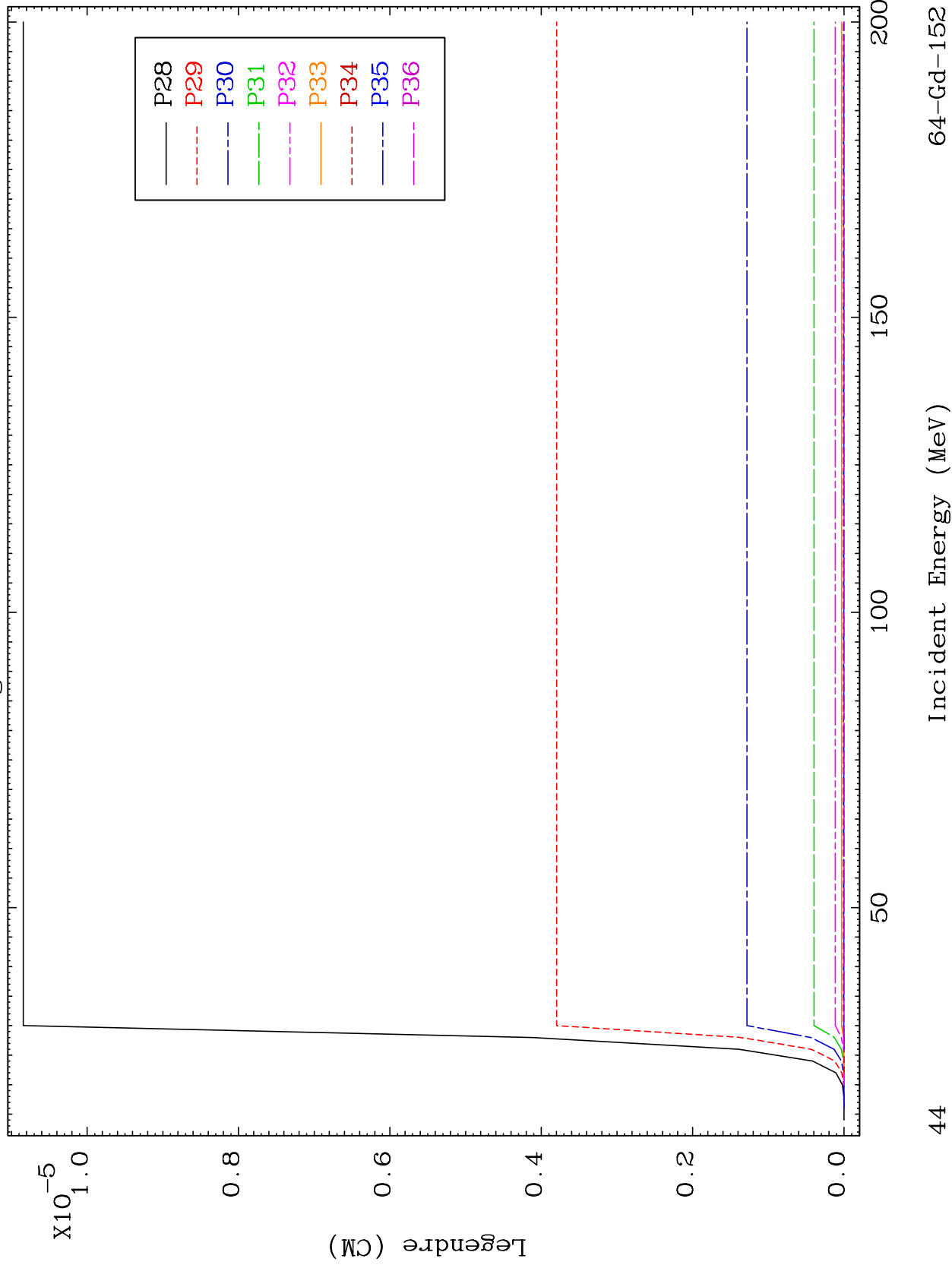
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MAT 6425

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

64-Gd-152



44

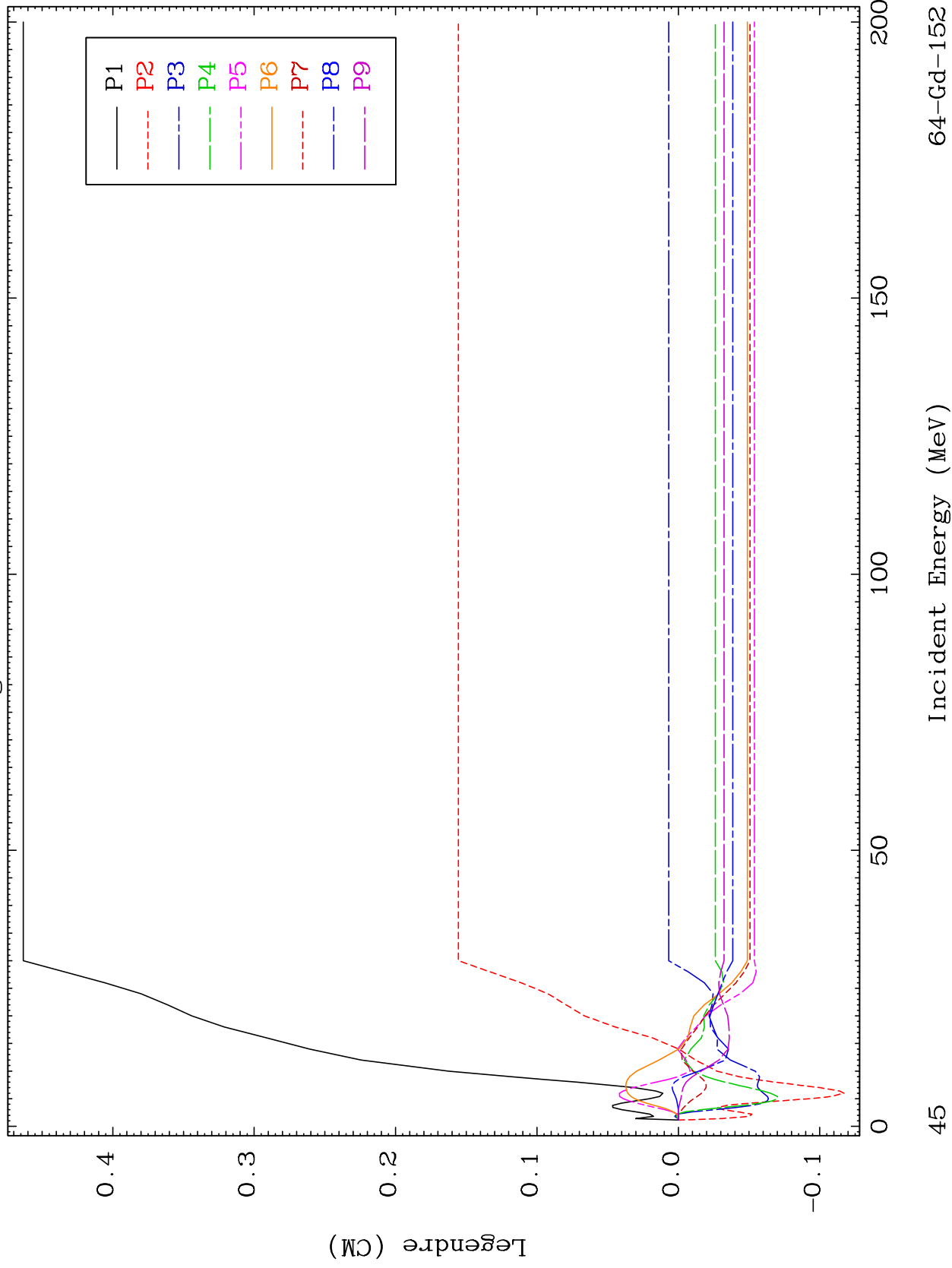
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

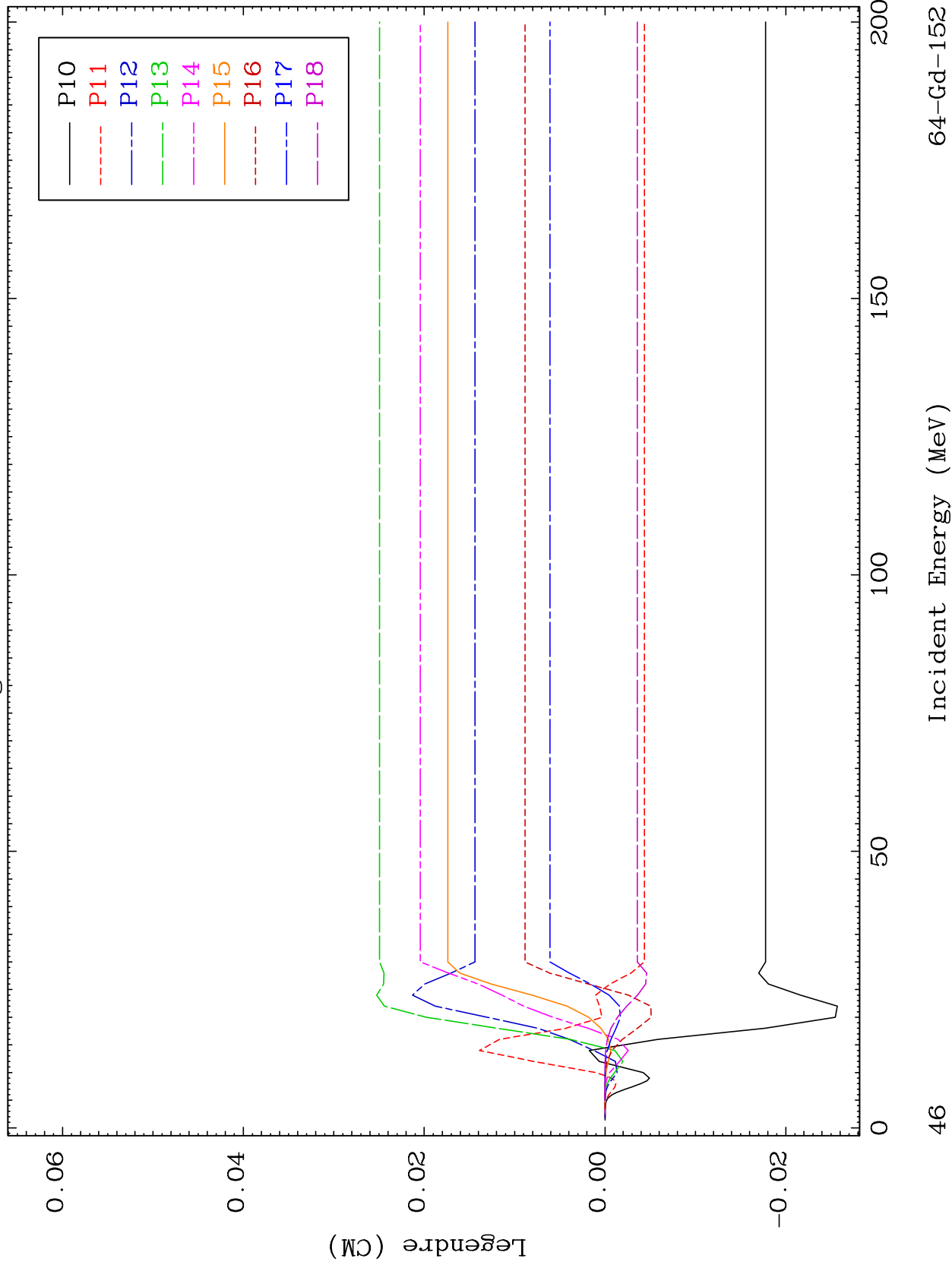
Incident Energy (MeV)

45

MAT 6425

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

64-Gd-152



64-Gd-152

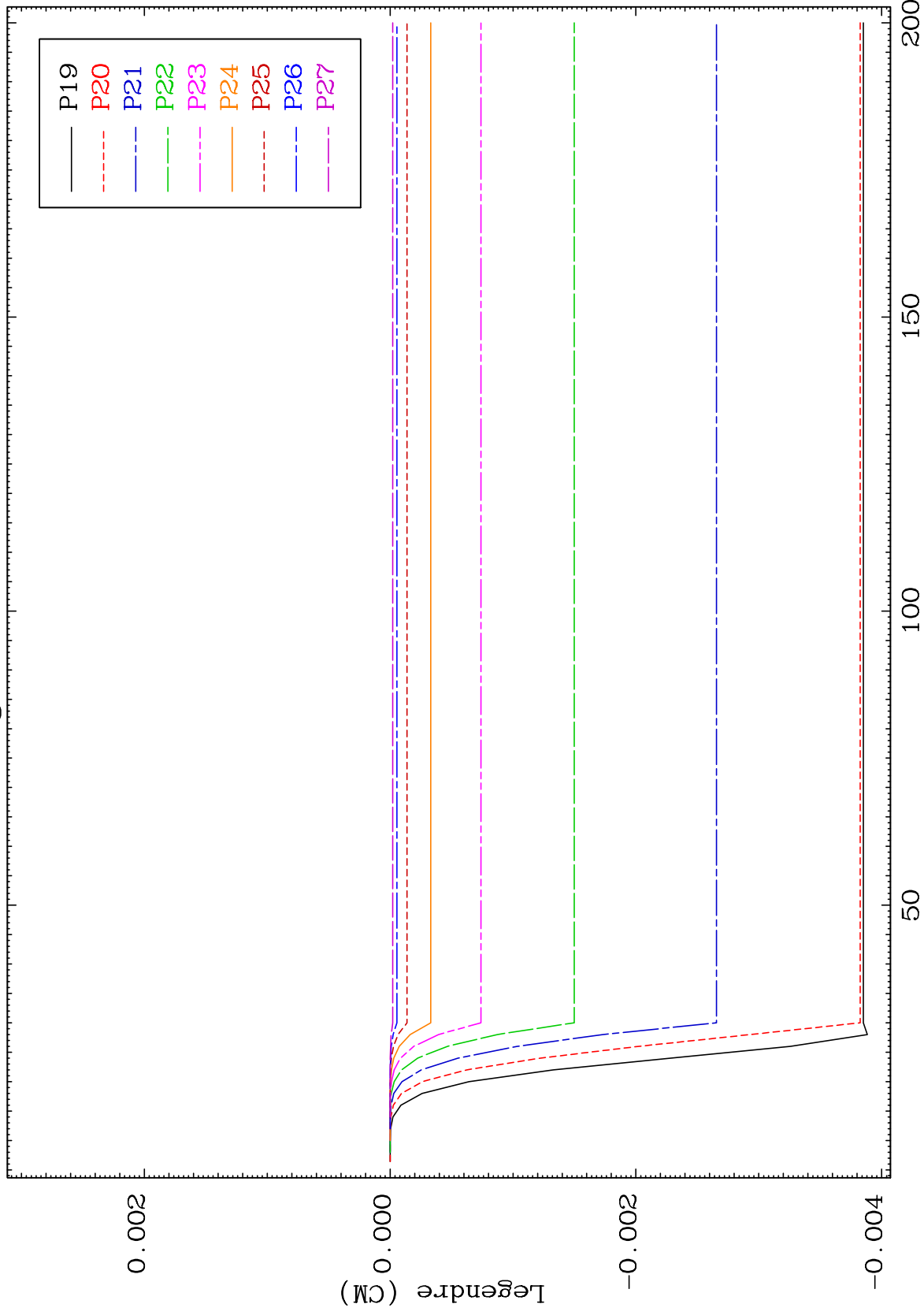
Incident Energy (MeV)

46

MAT 6425

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

64-Gd-152



47

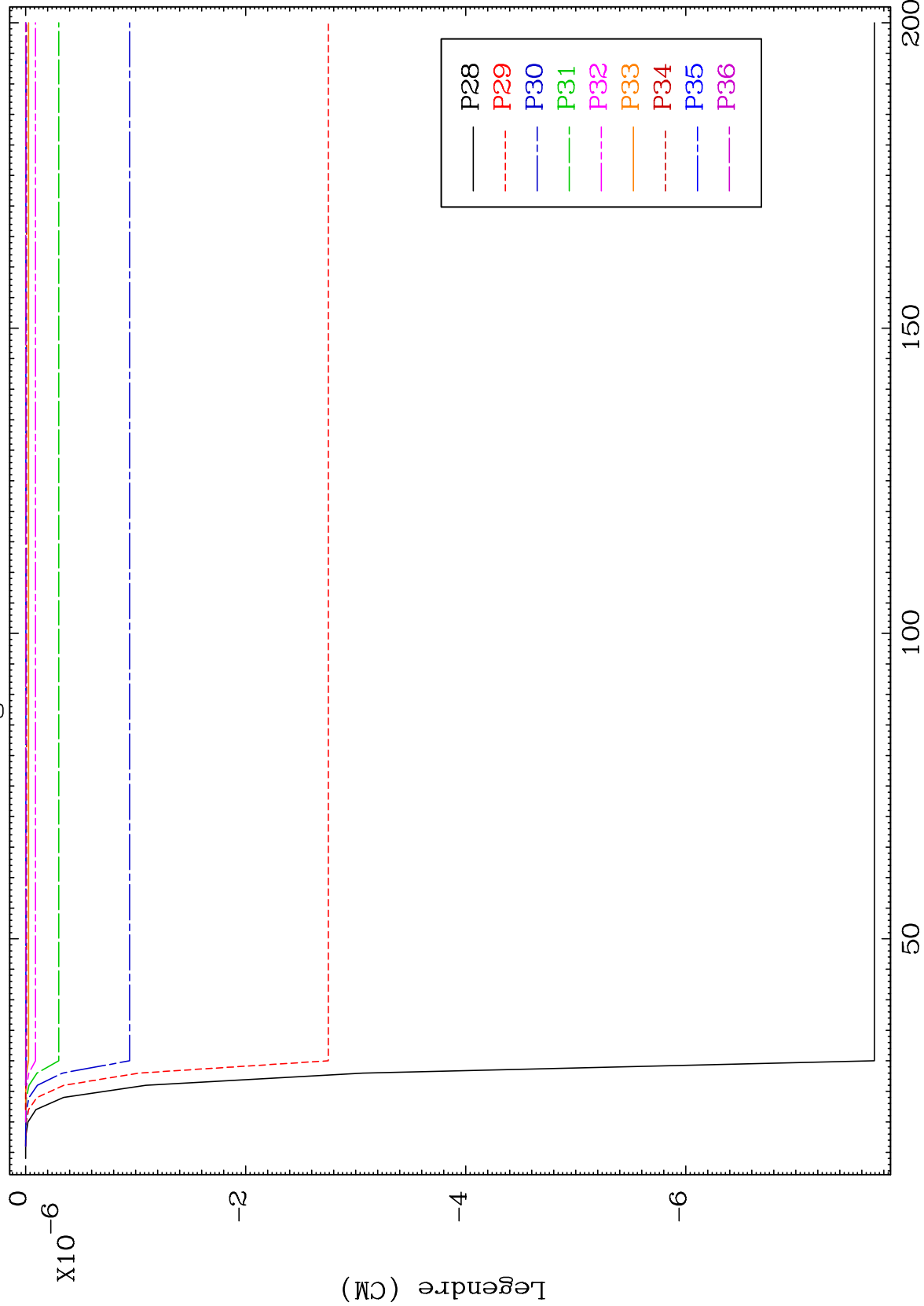
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



48

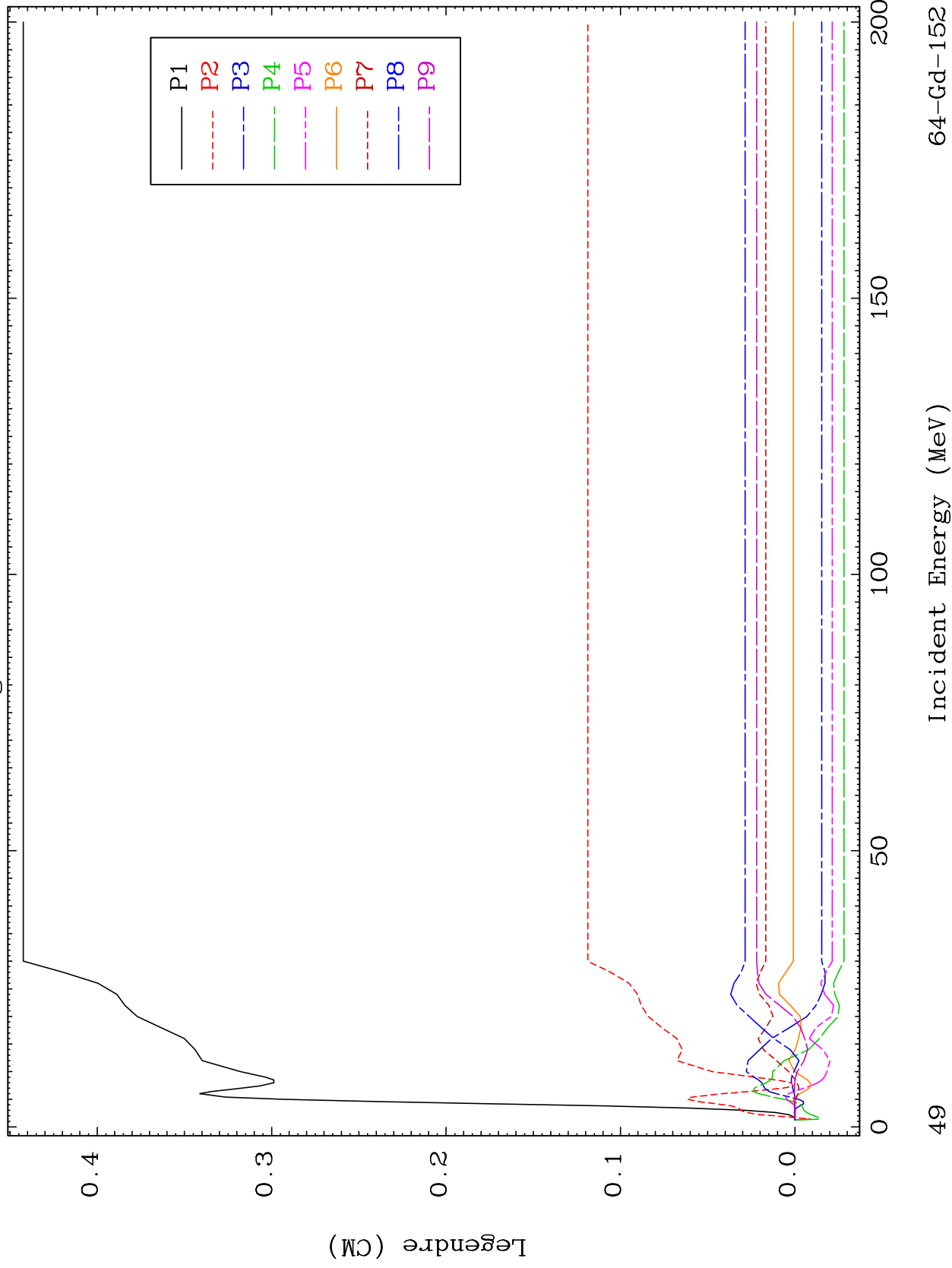
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



49

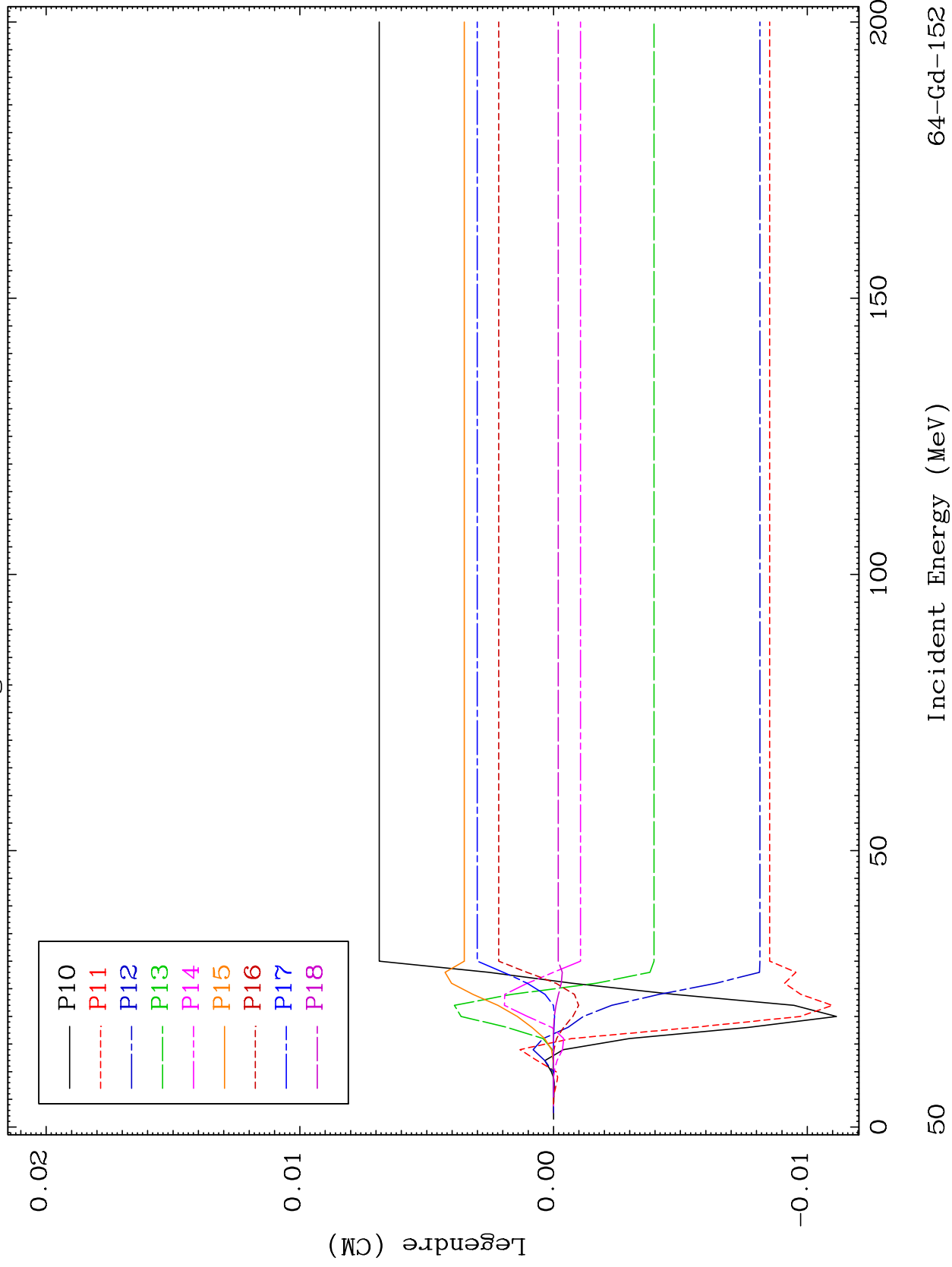
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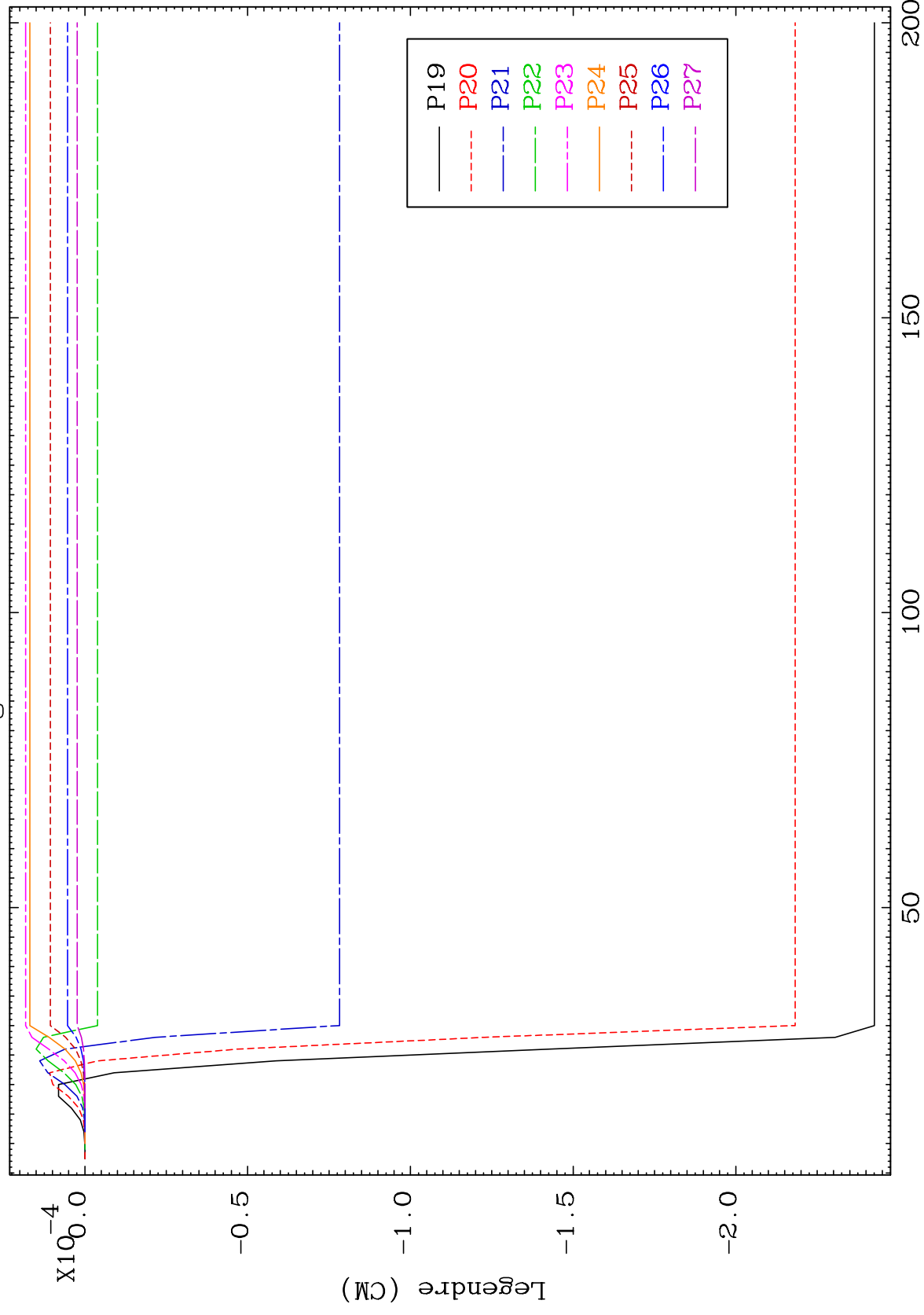
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MAT 6425

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

64-Gd-152

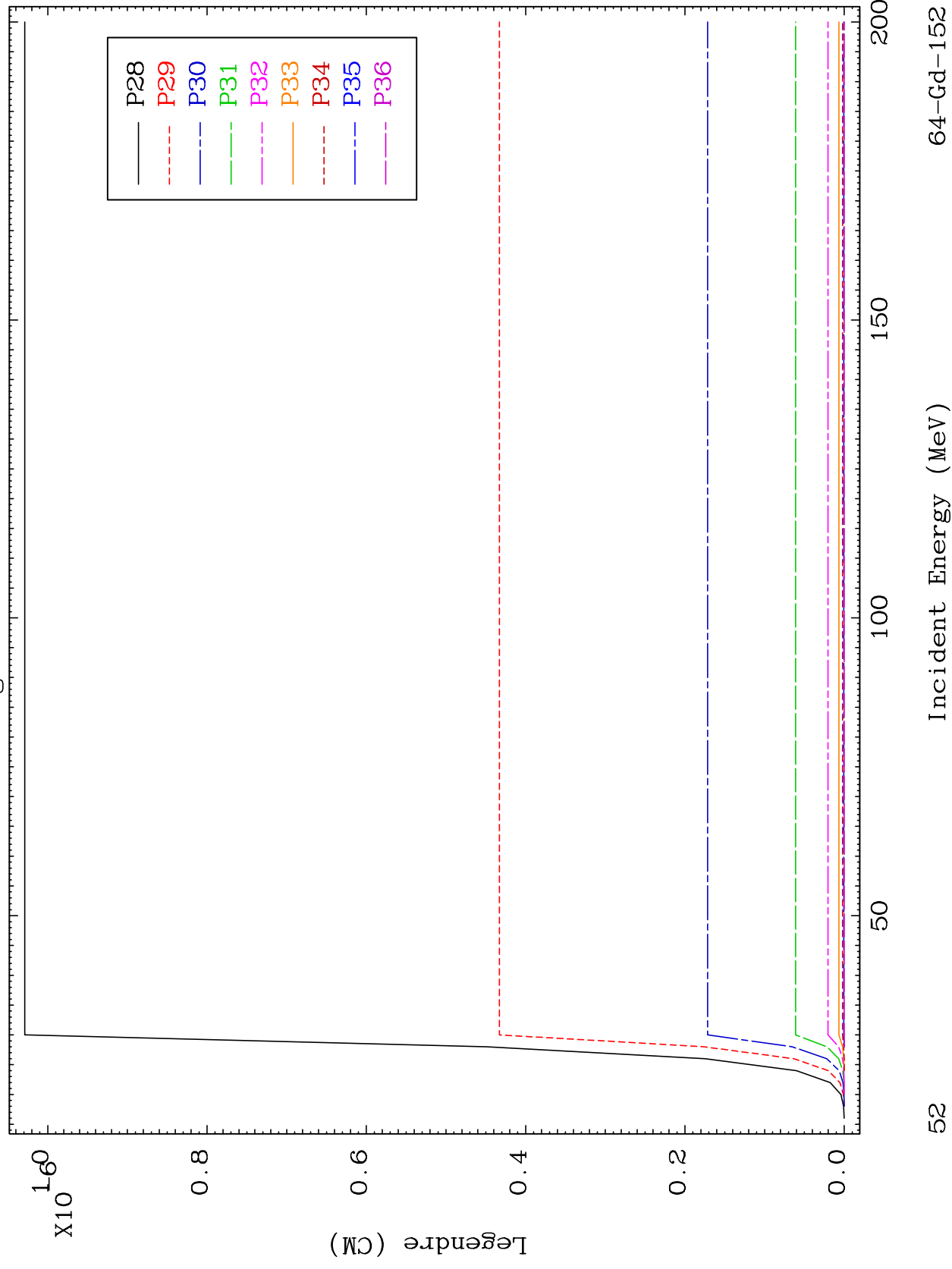




MAT 6425

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

64-Gd-152



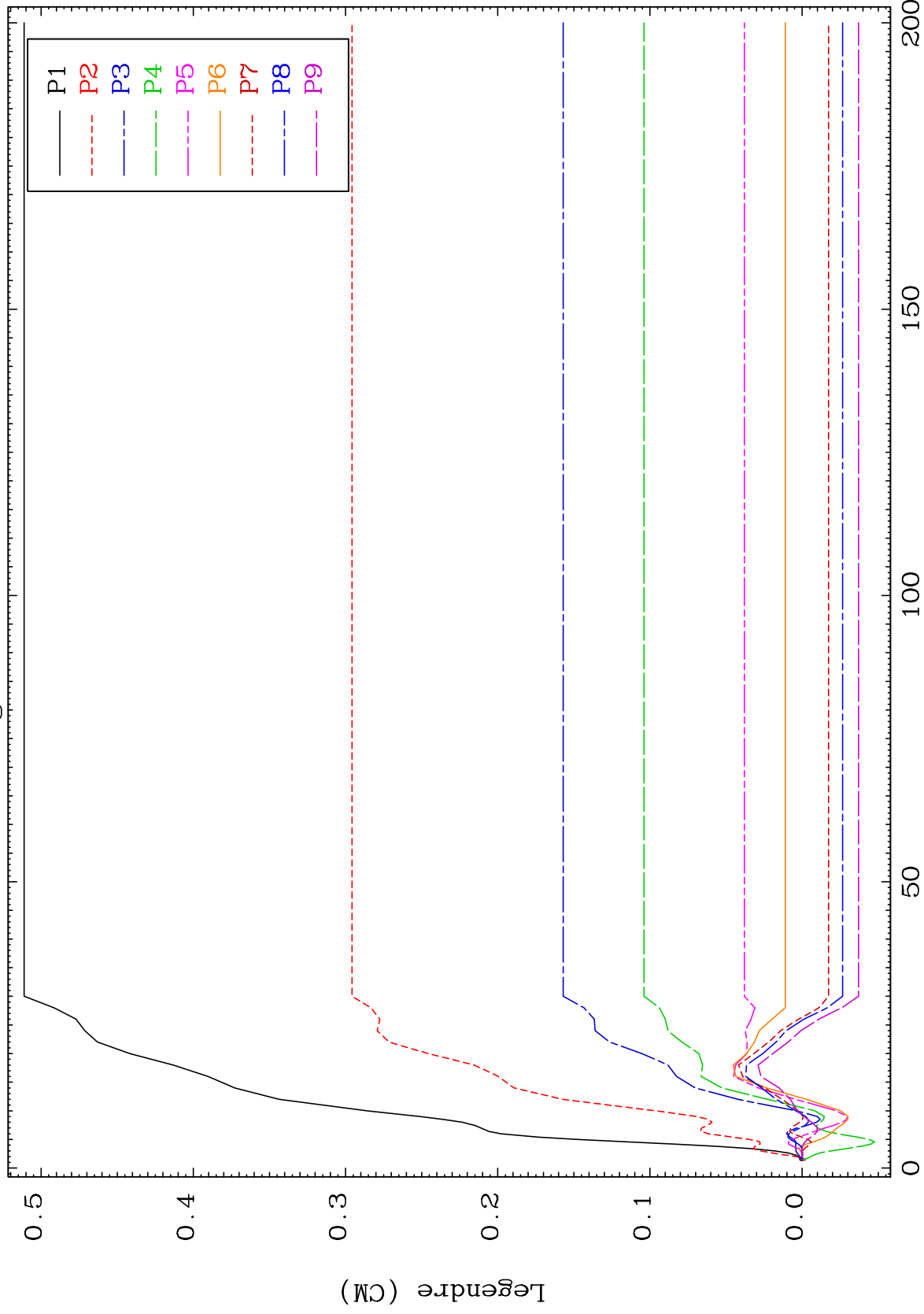
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64-Gd-152

MAT 6425

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

64-Gd-152



53

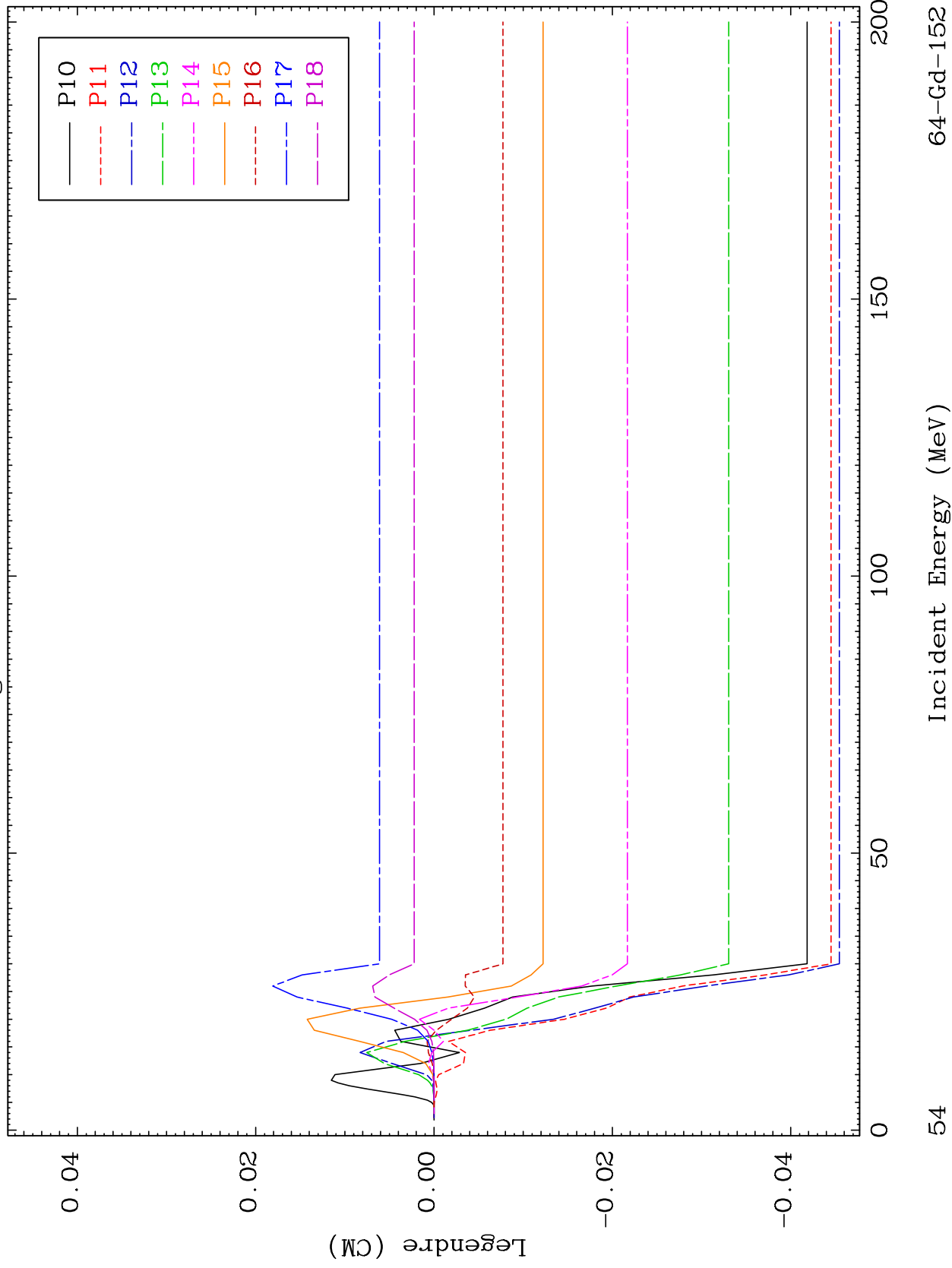
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



54

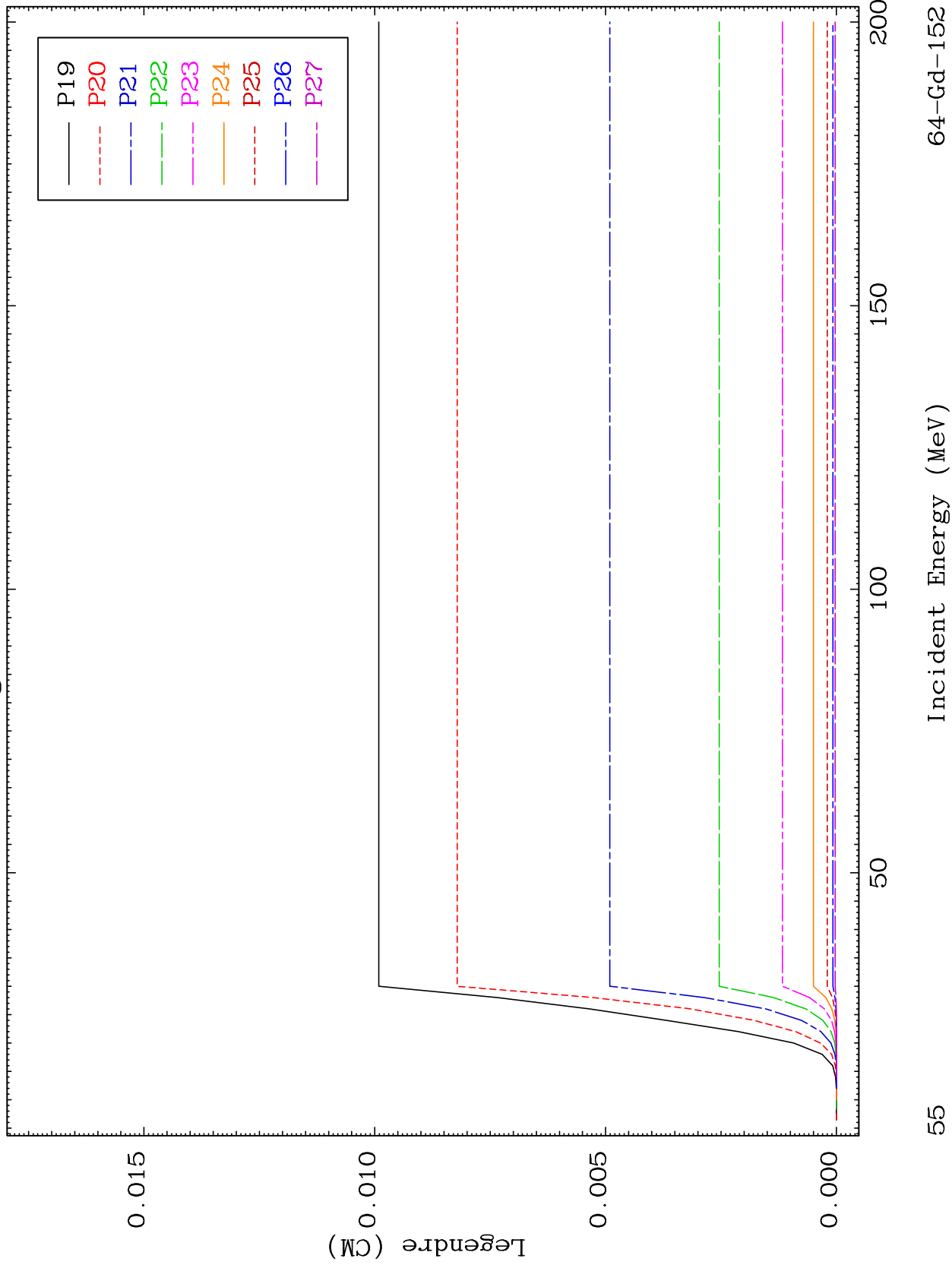
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



55

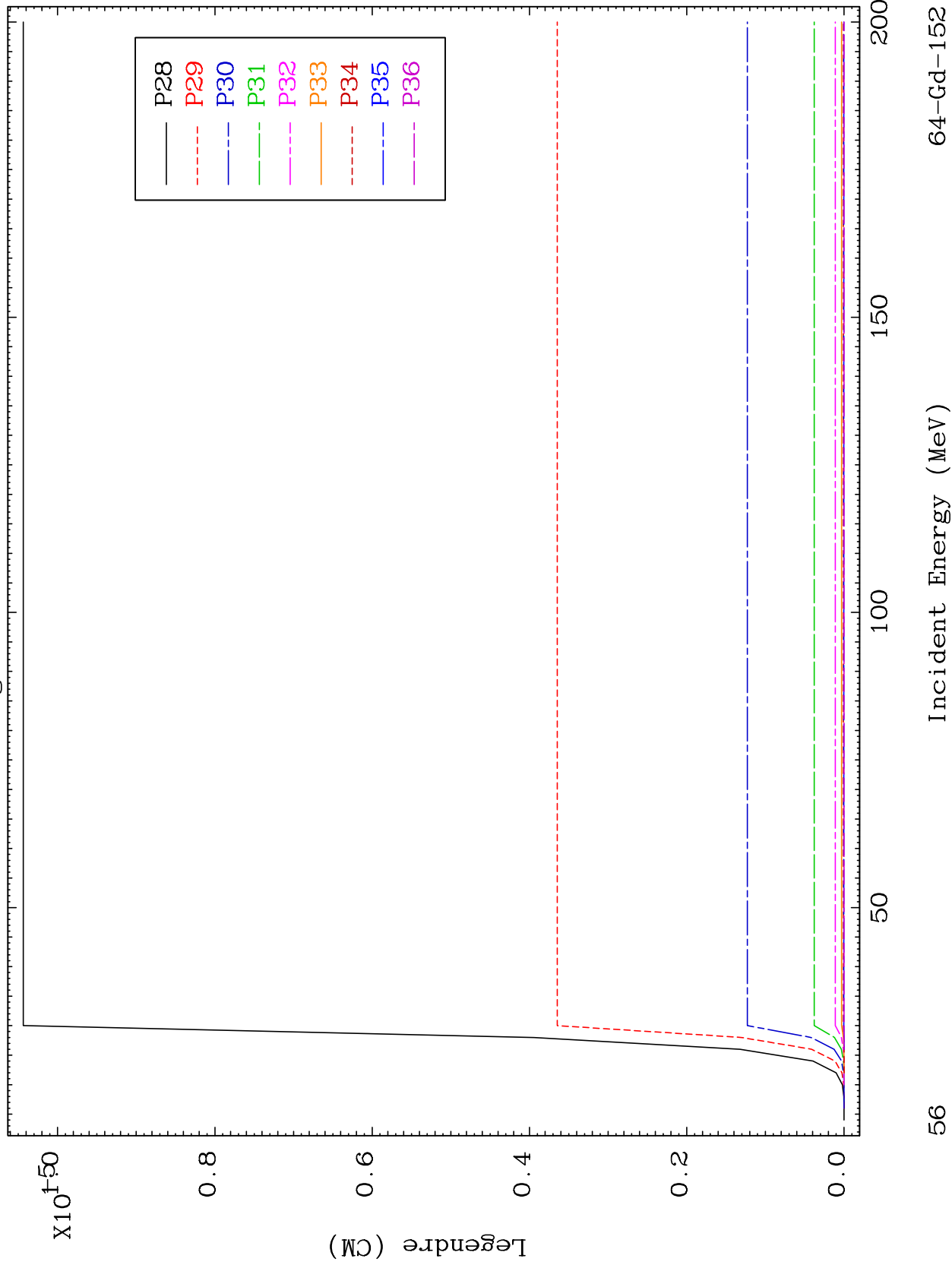
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



56

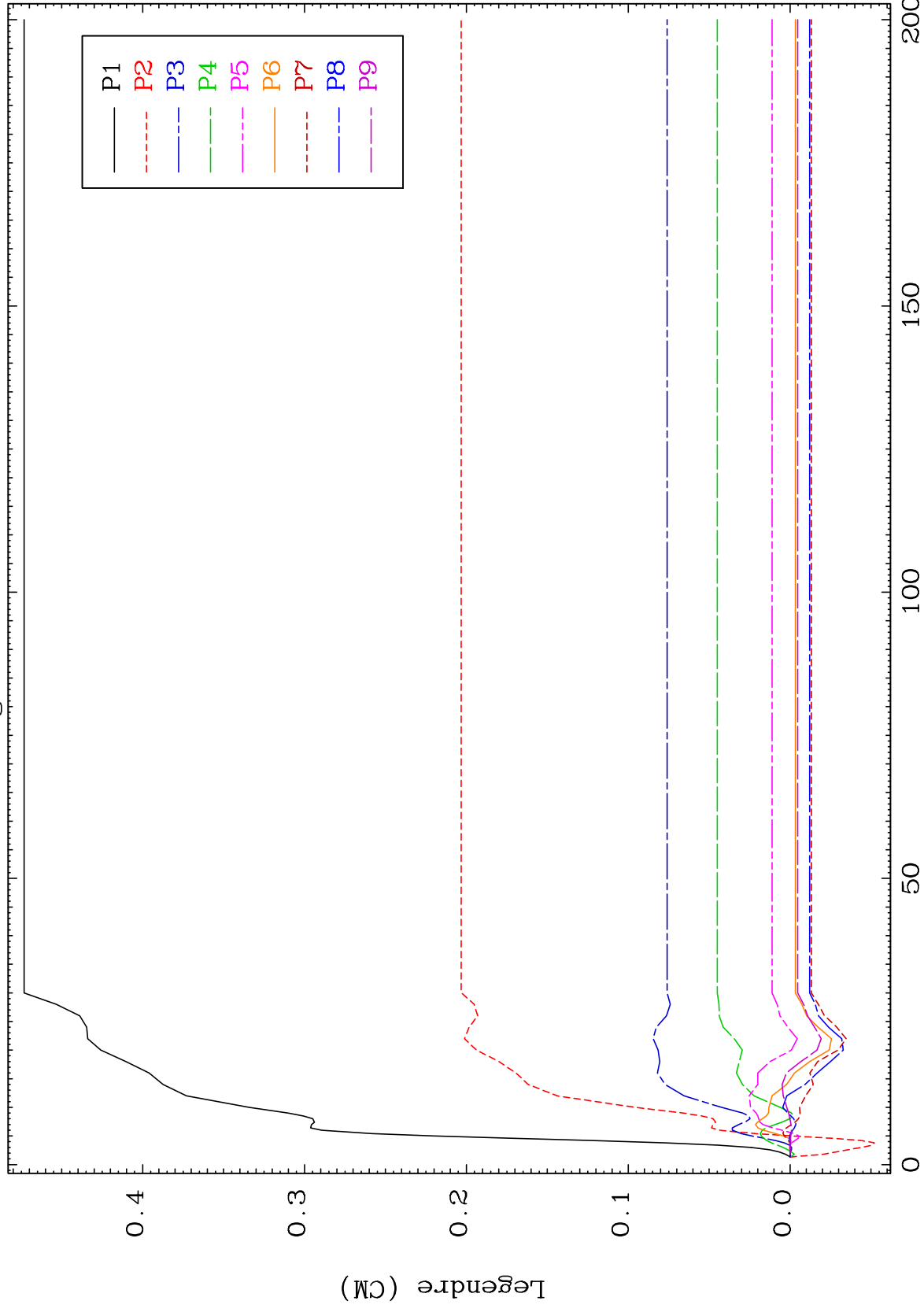
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



57

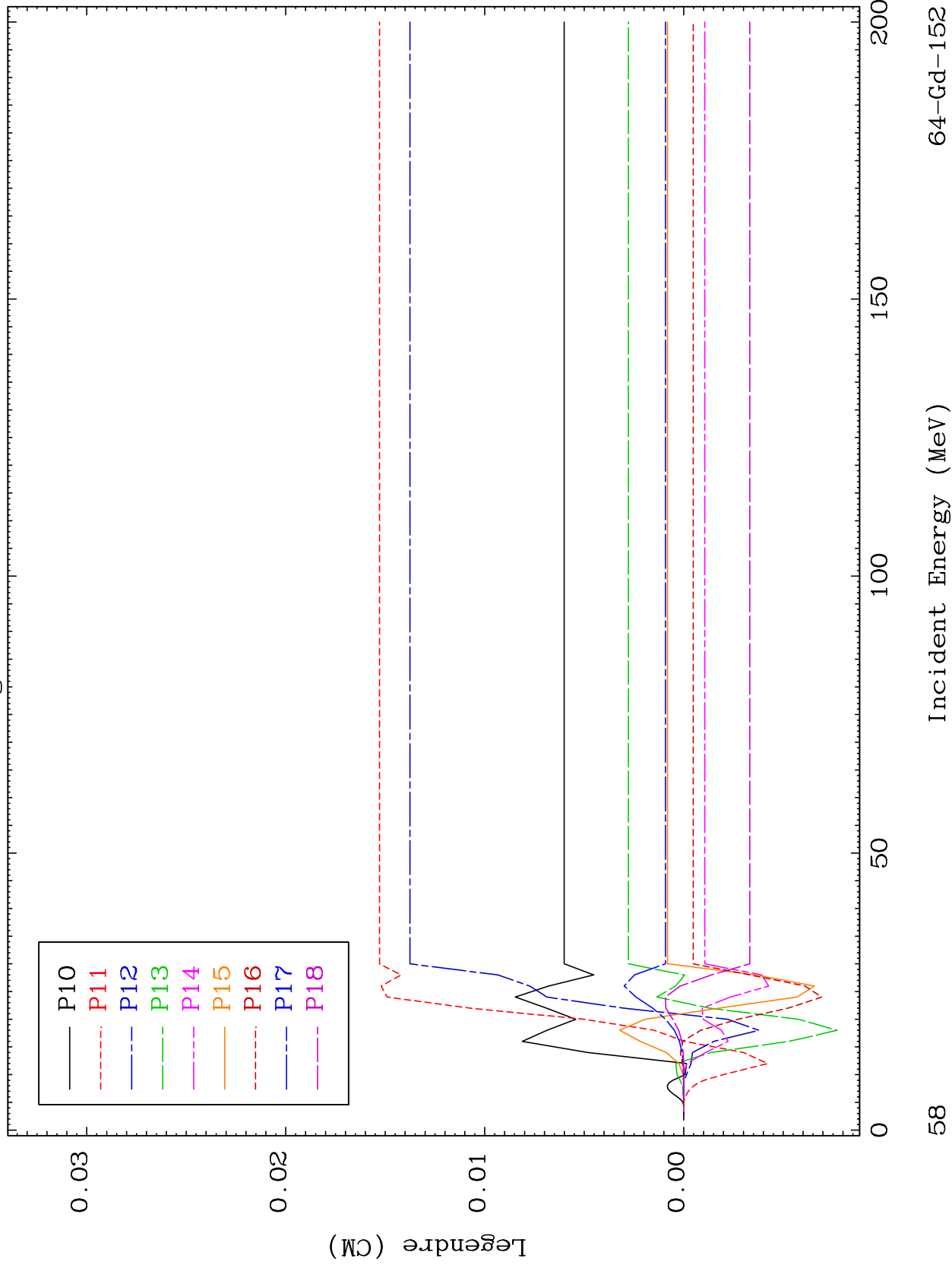
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

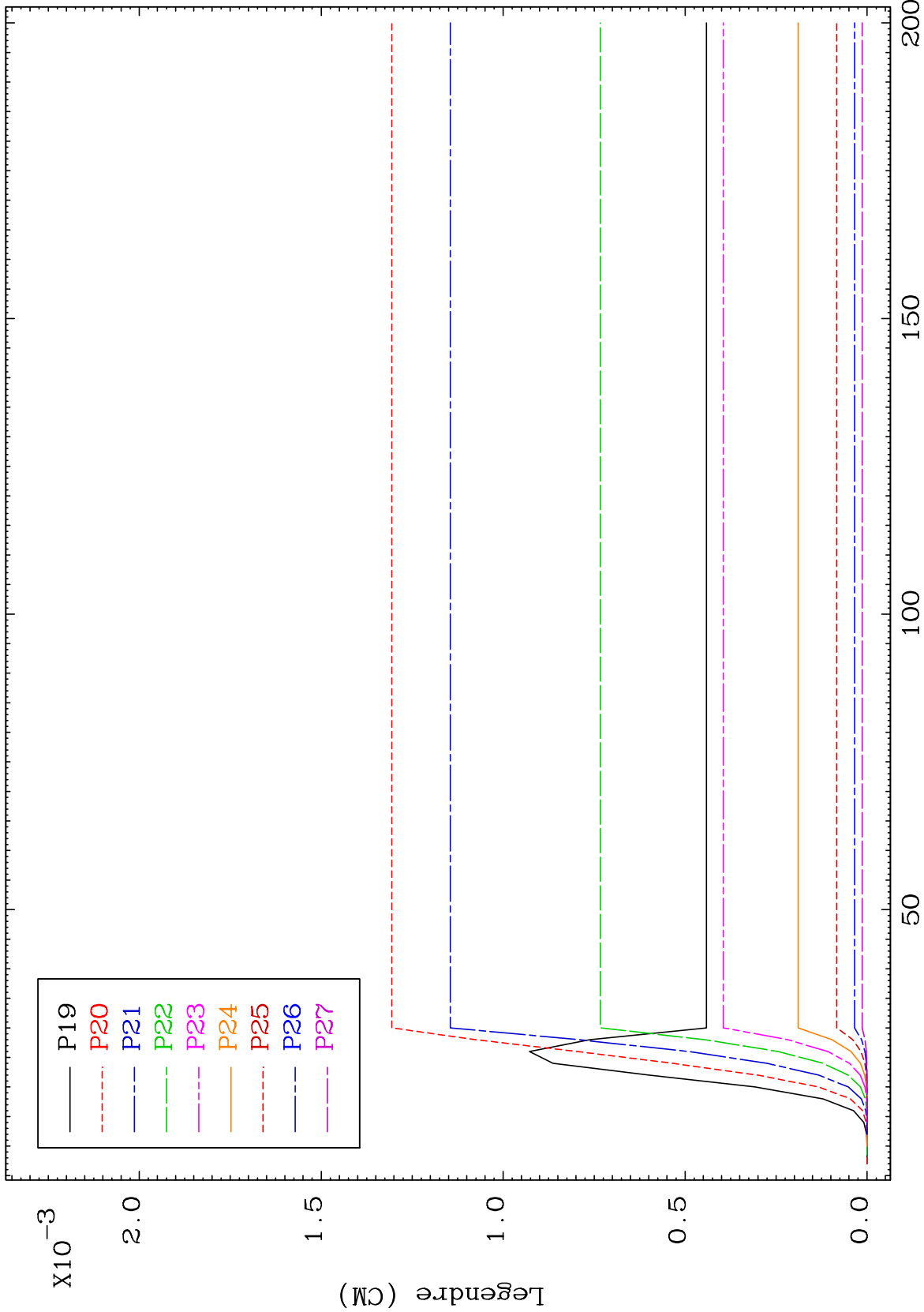
64-Gd-152



64-Gd-152

Incident Energy (MeV)

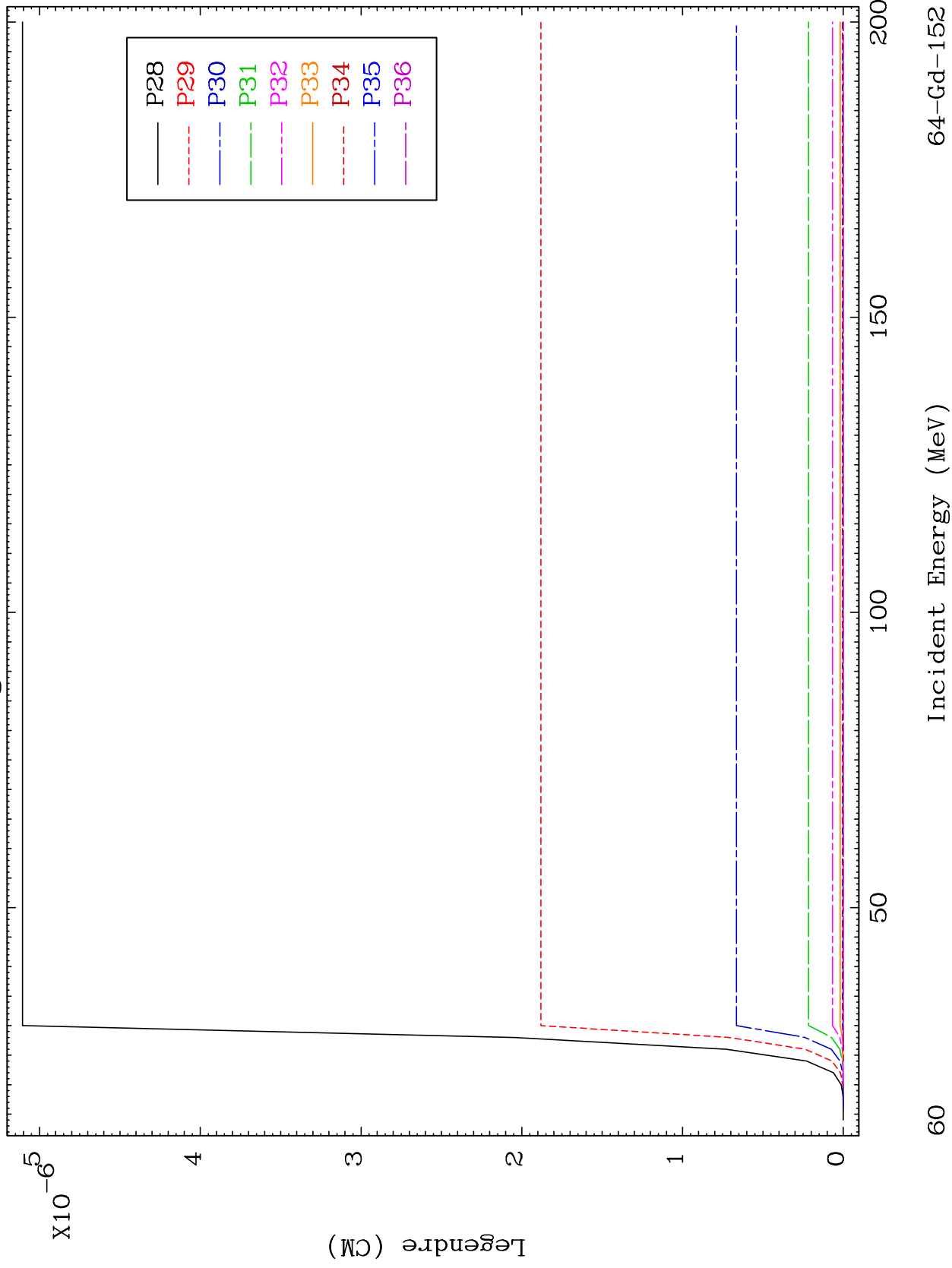
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MAT 6425

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

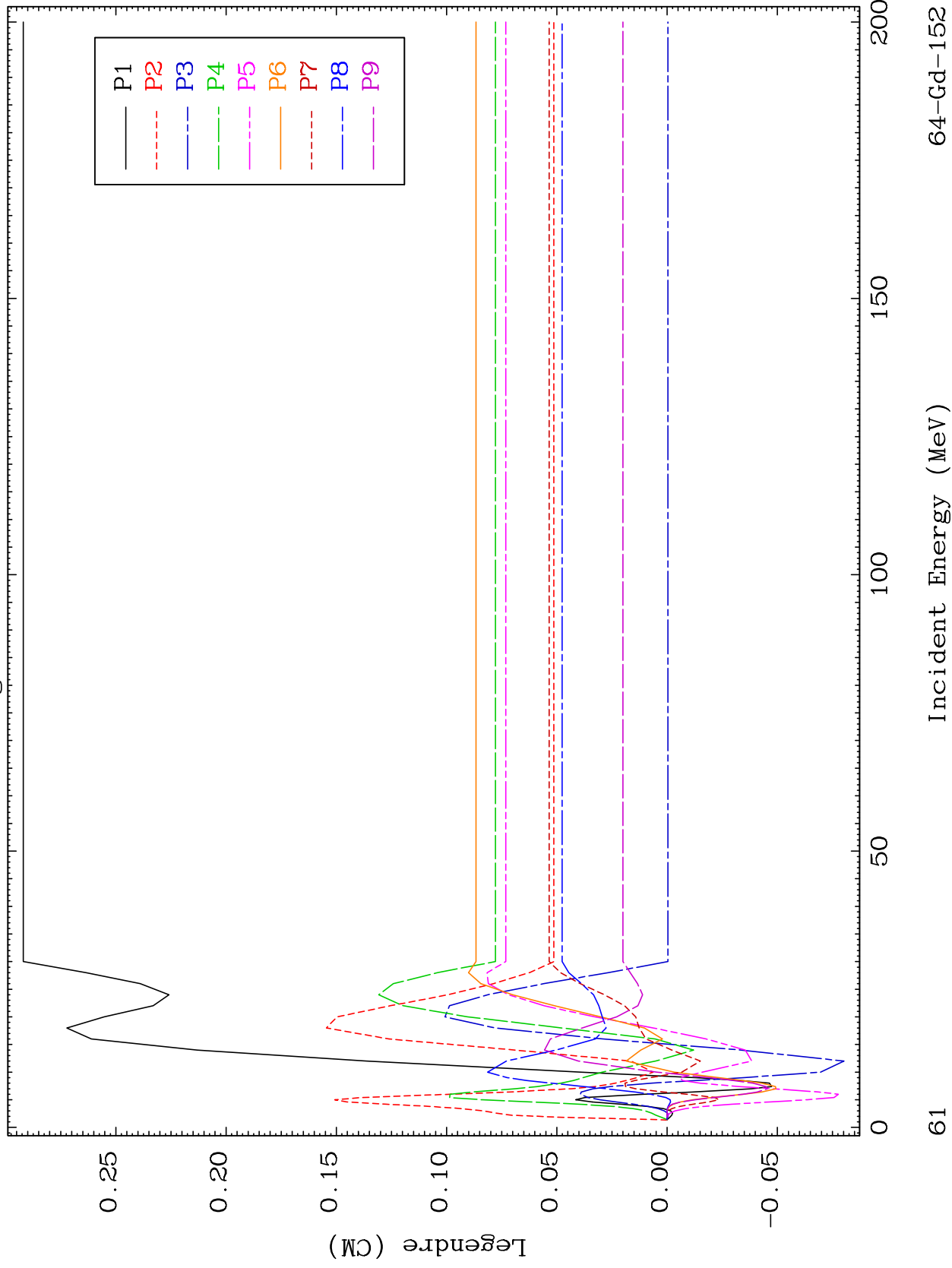
64-Gd-152



MAT 6425

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

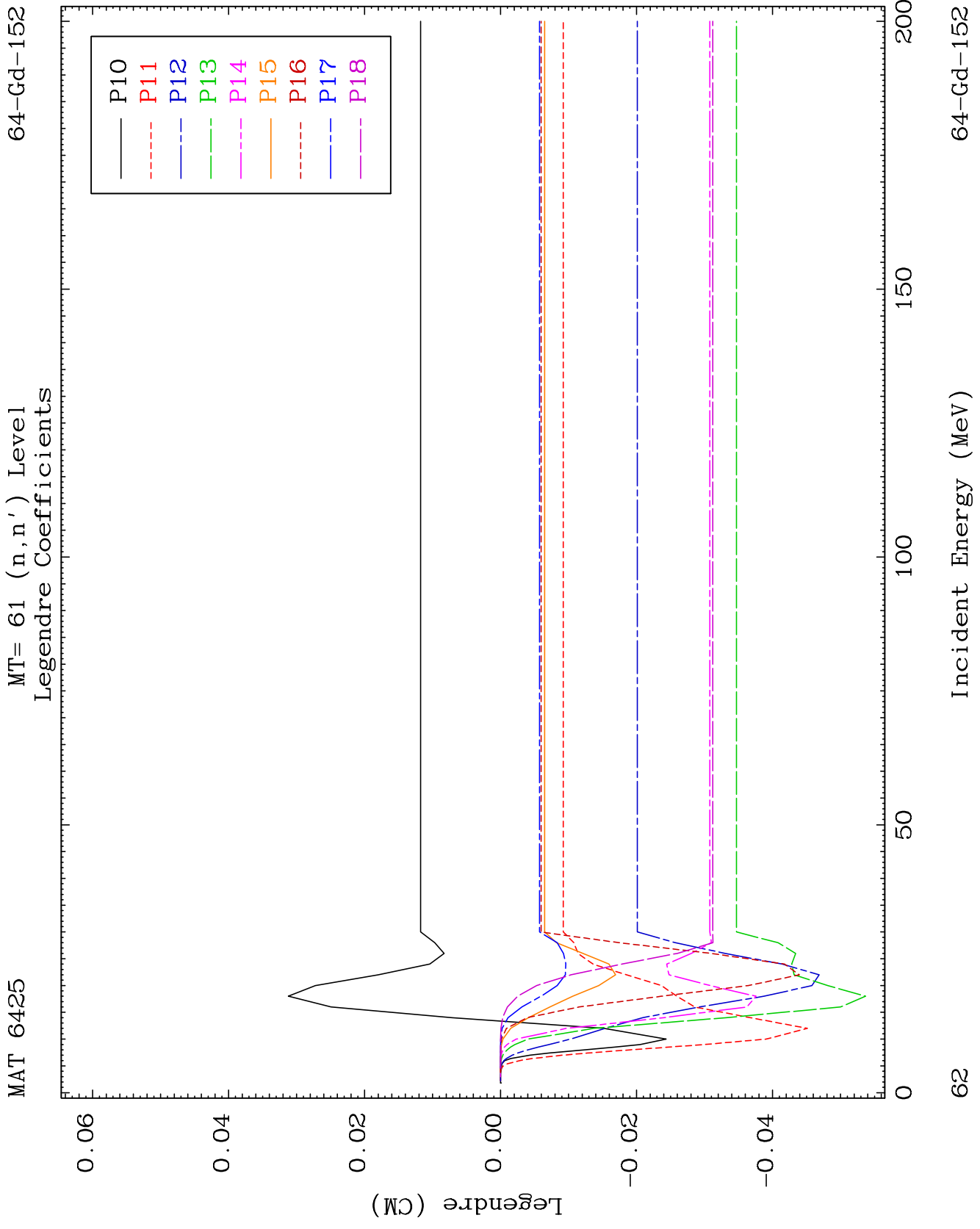
64-Gd-152



64-Gd-152

Incident Energy (MeV)

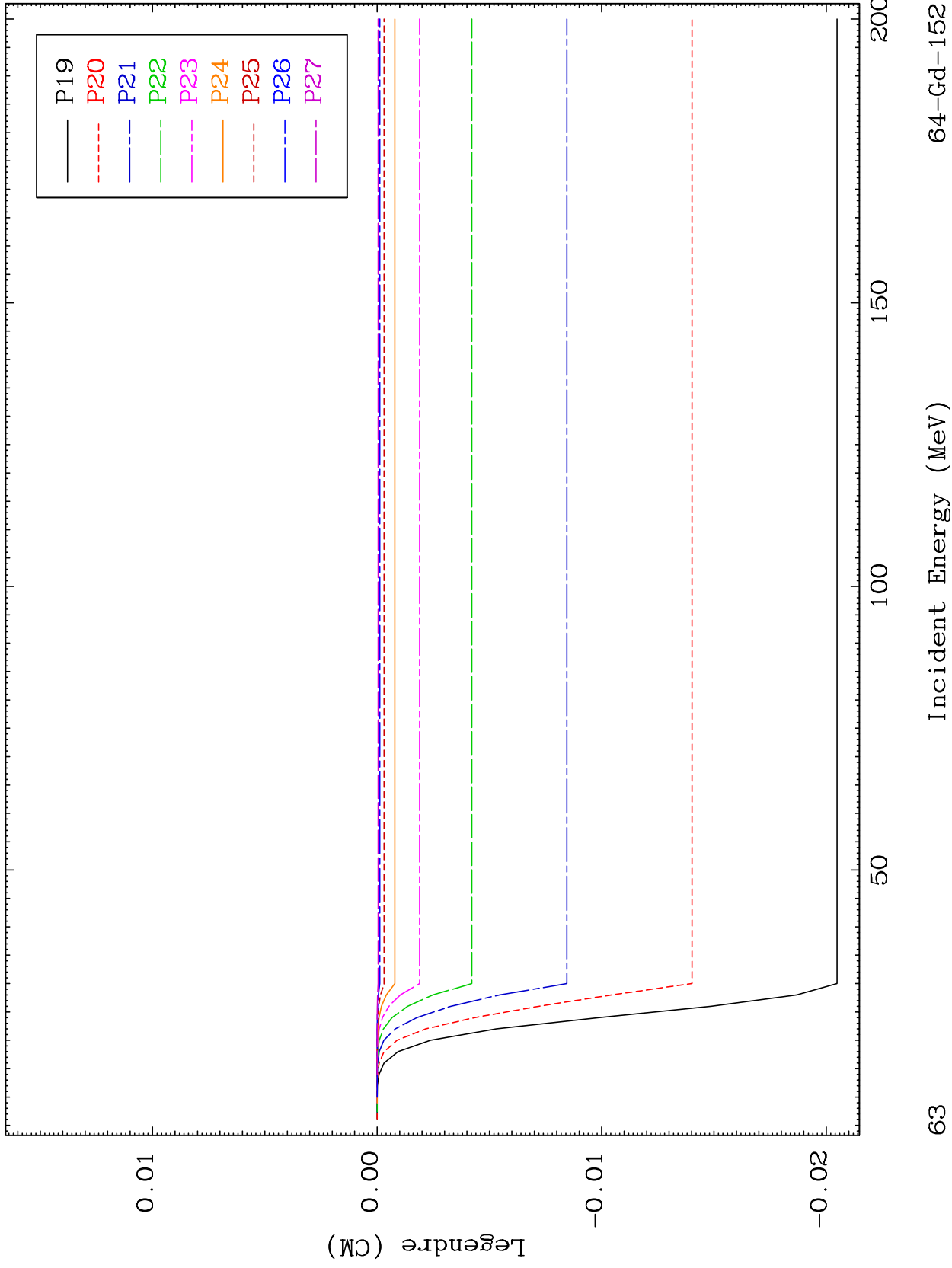
61



MAT 6425

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

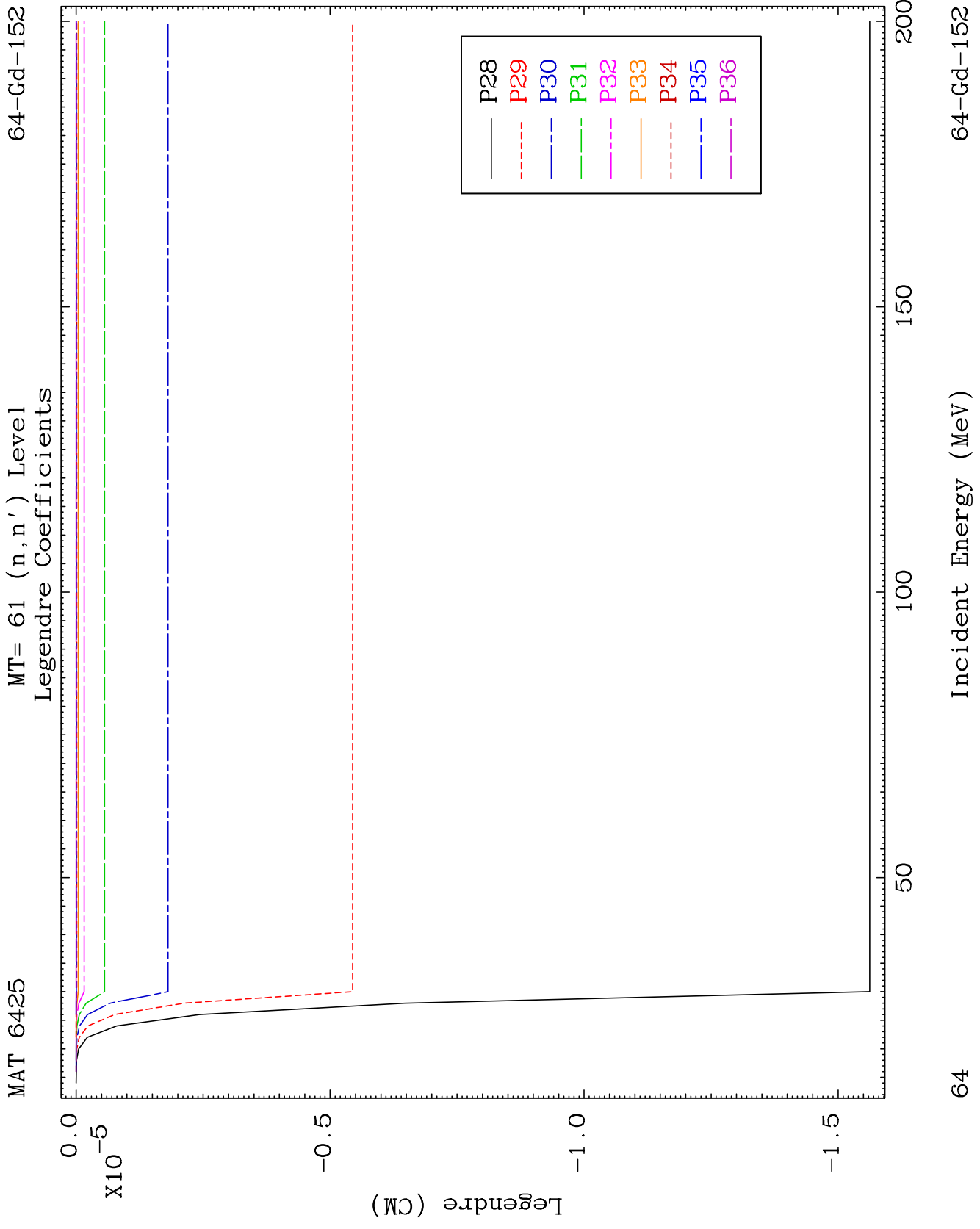
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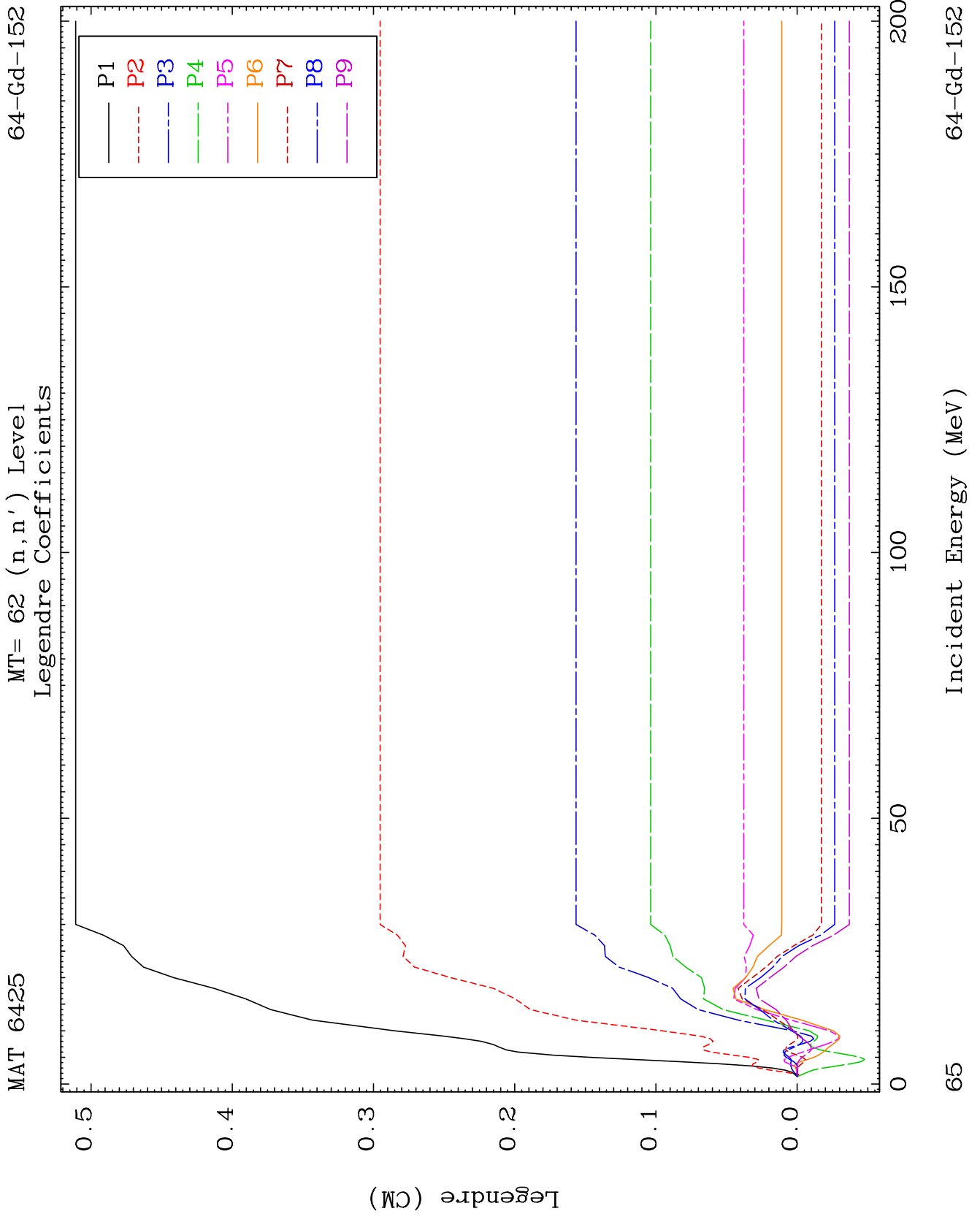


63

Incident Energy (MeV)

64-Gd-152

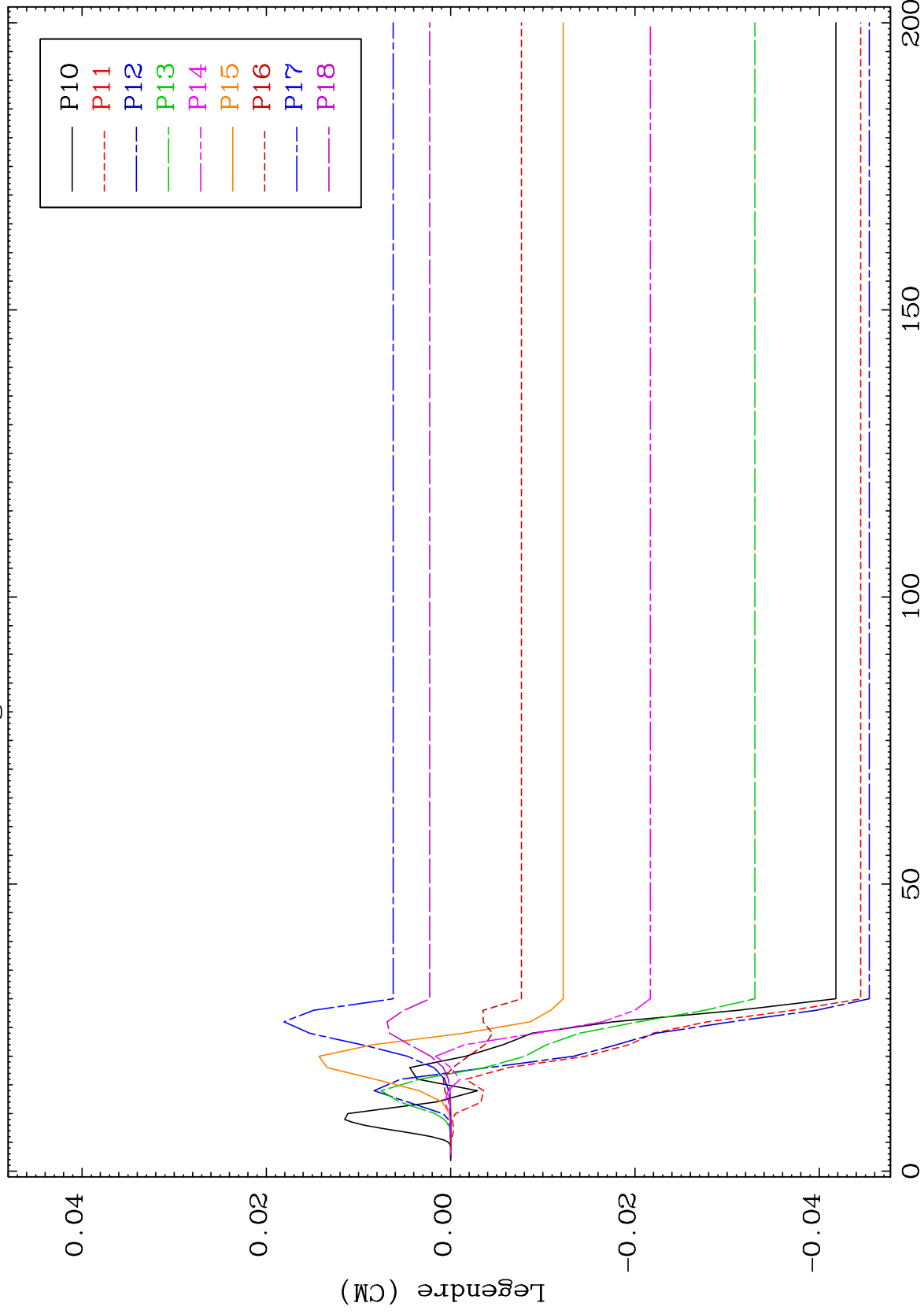




MAT 6425

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

64-Gd-152



66

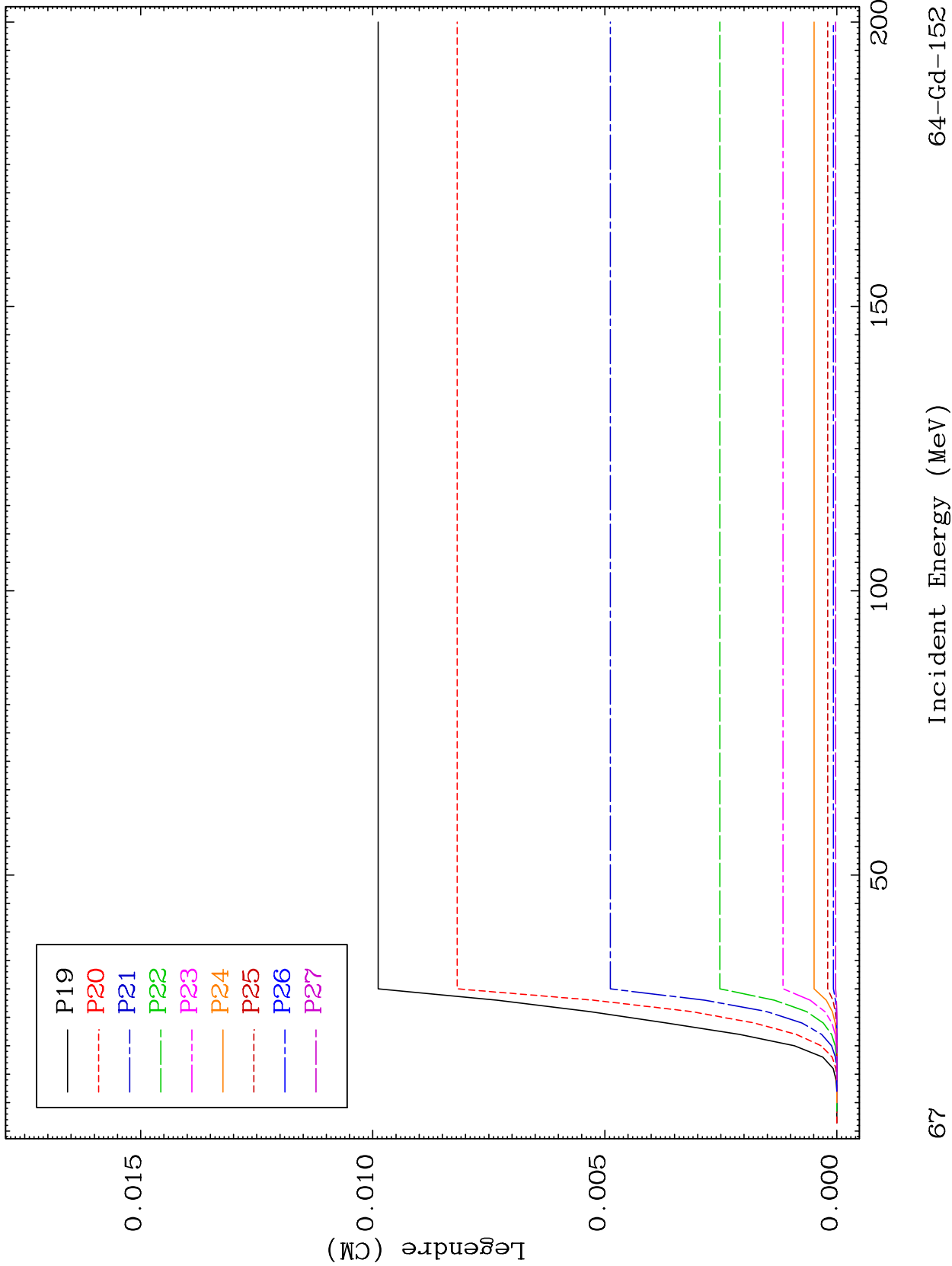
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



67

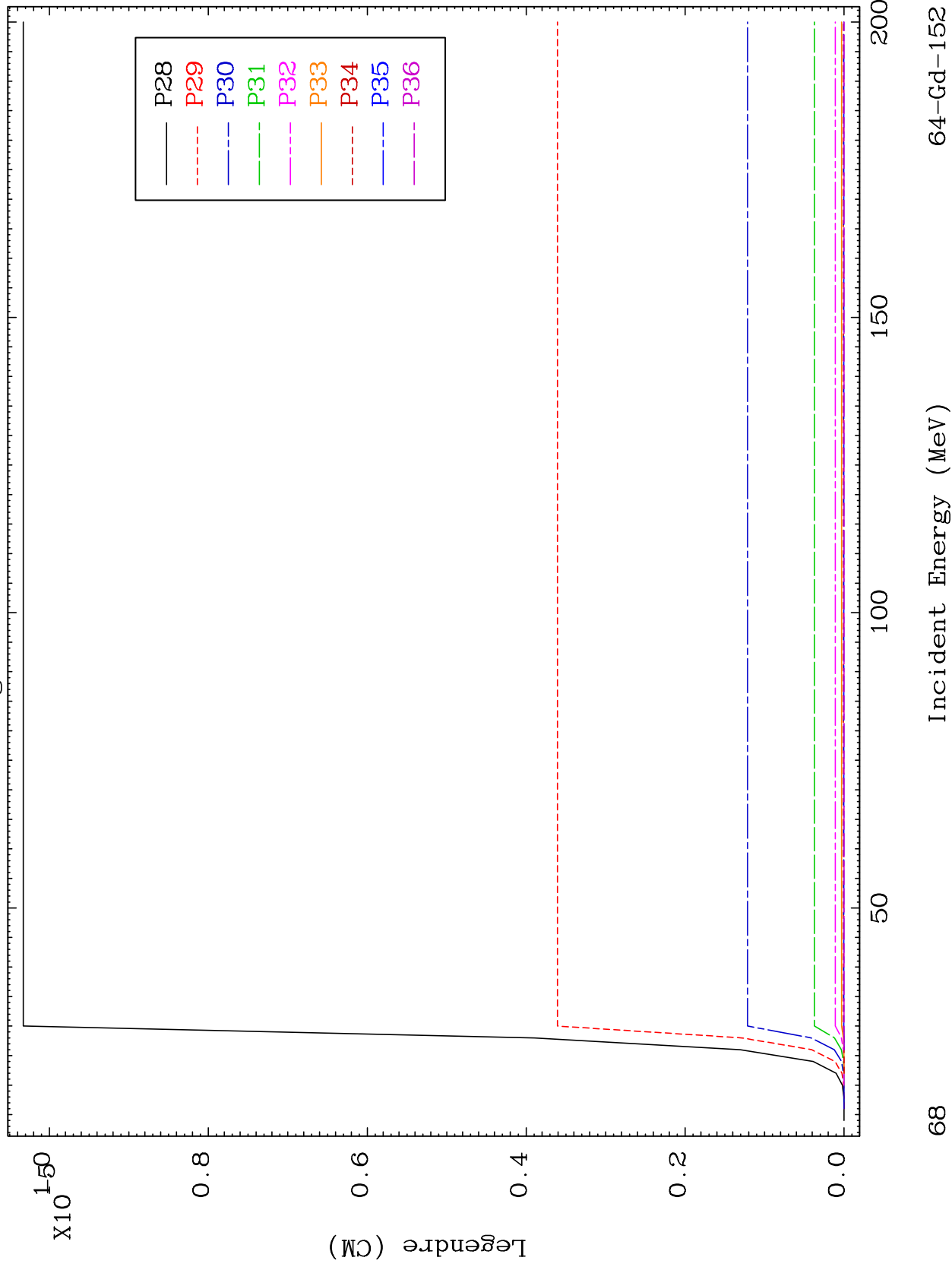
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

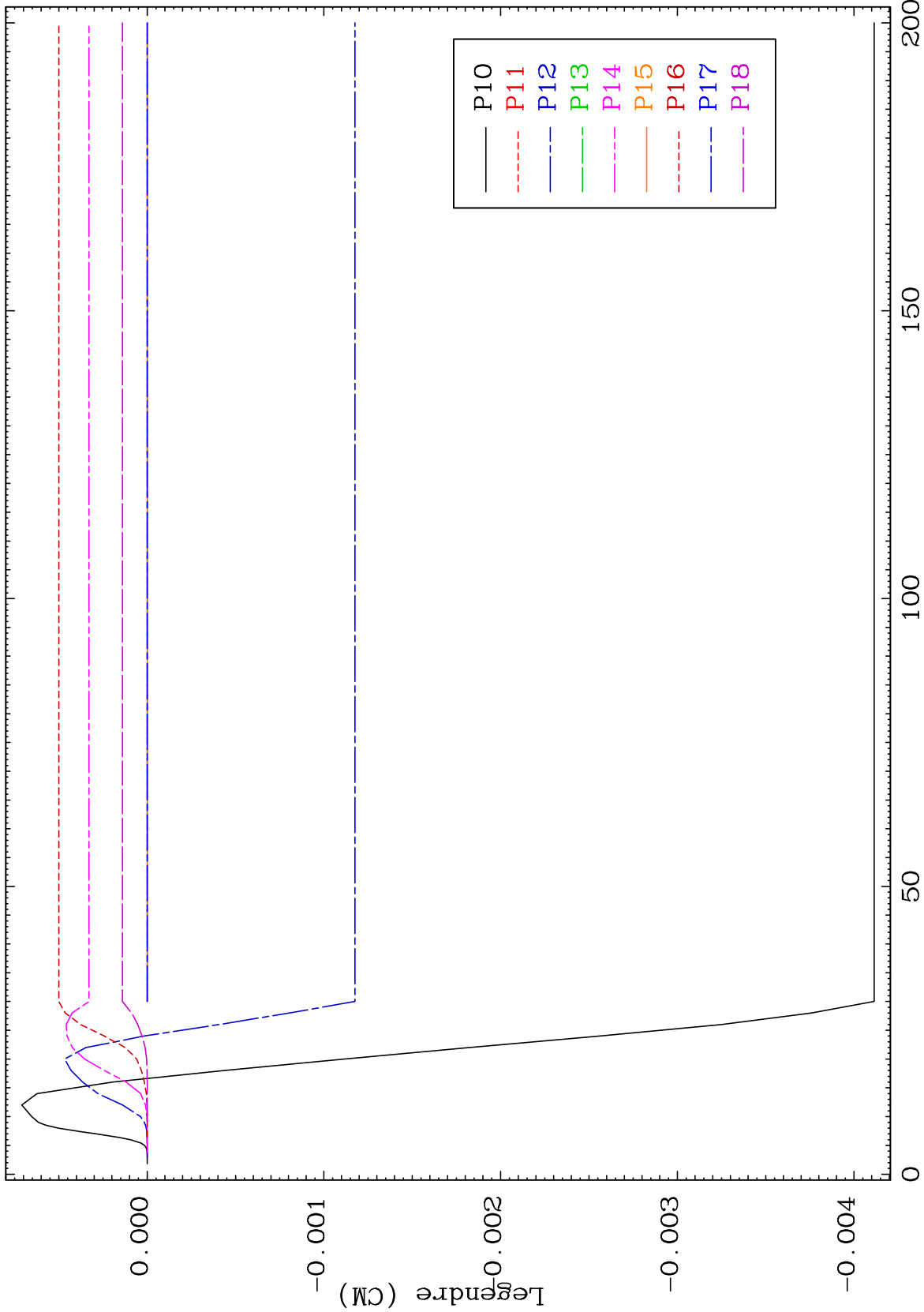
64-Gd-152



MAT 6425

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

64-Gd-152



70

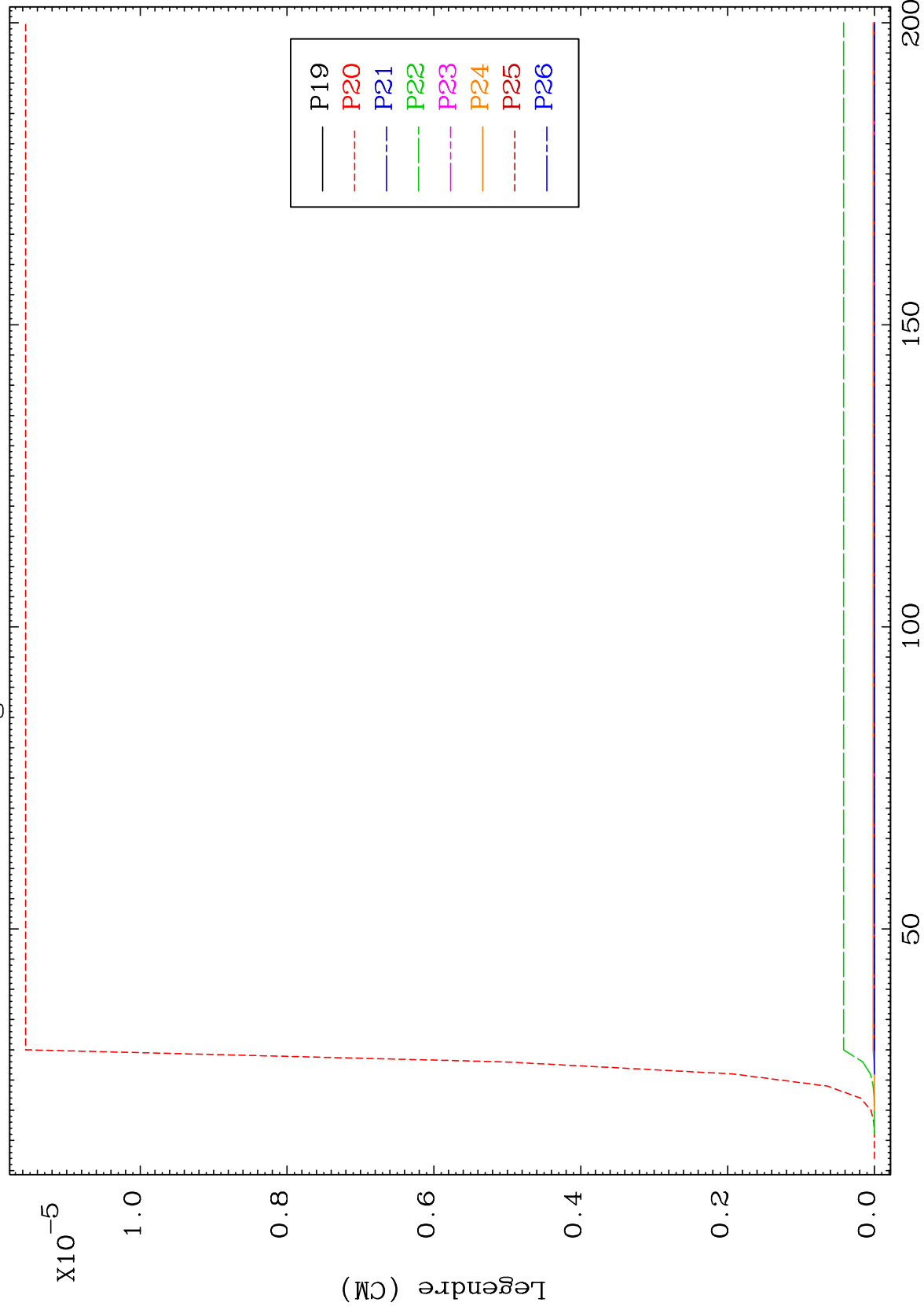
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

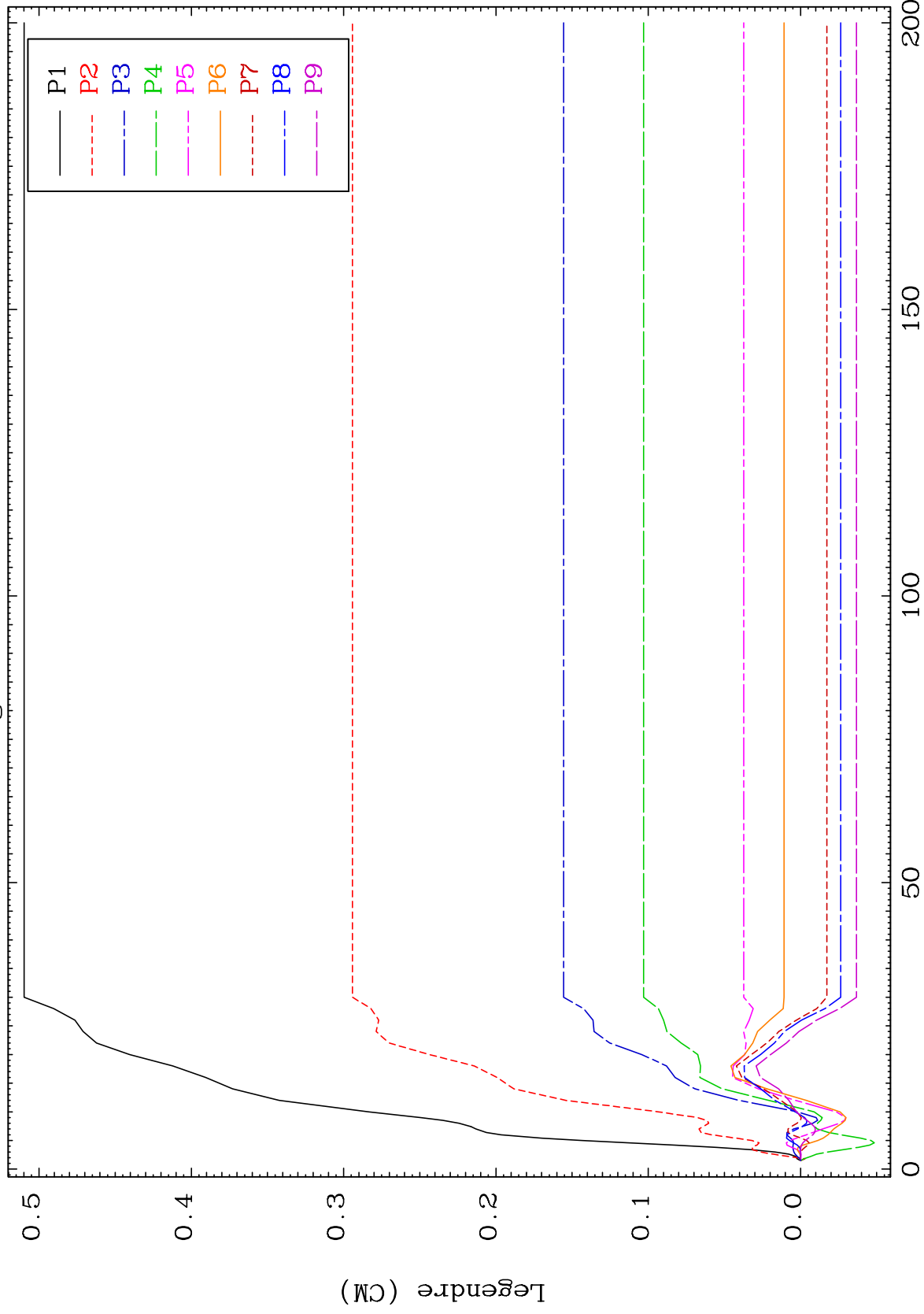
Incident Energy (MeV)

71

MAT 6425

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

64-Gd-152



72

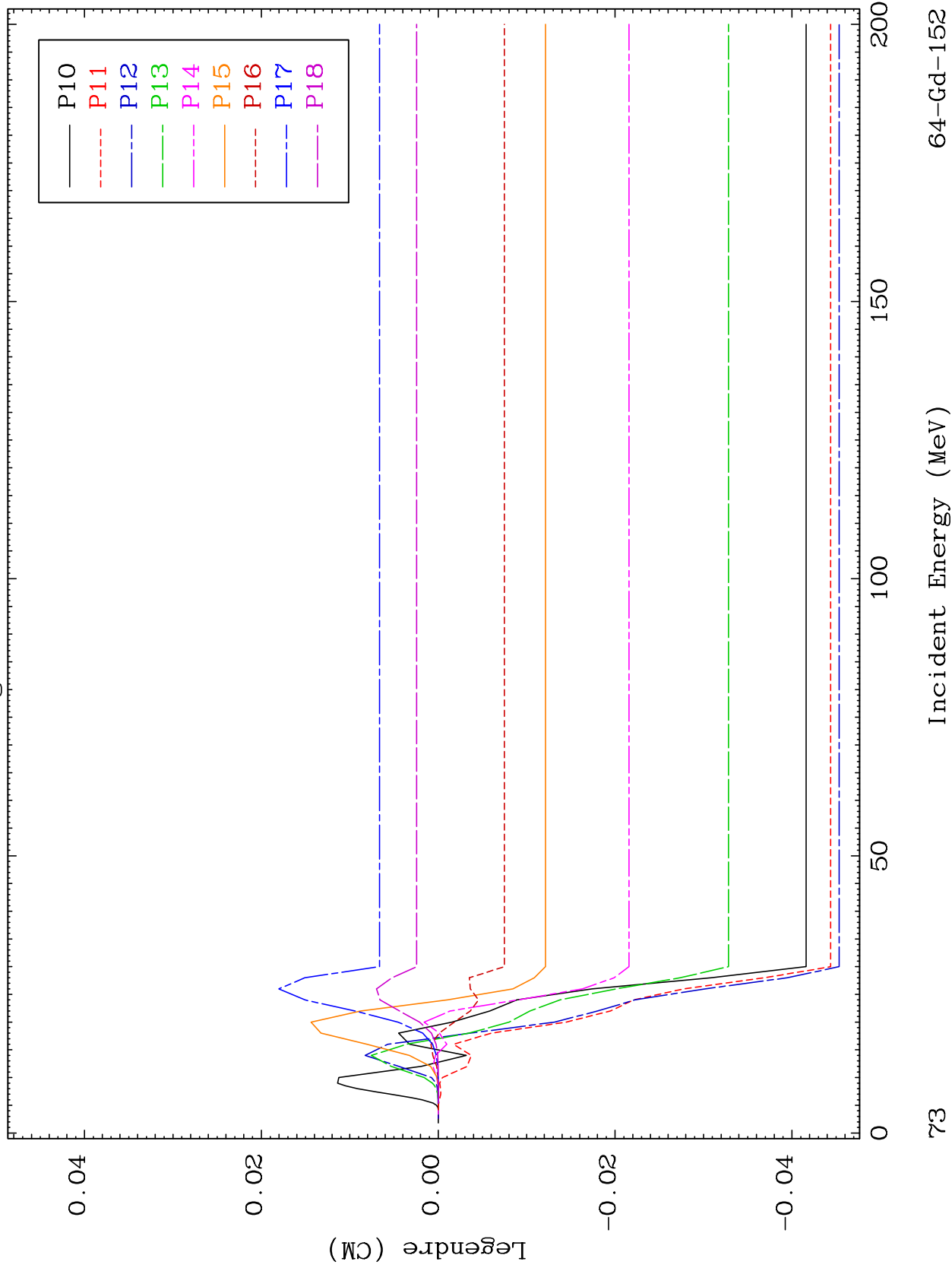
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



73

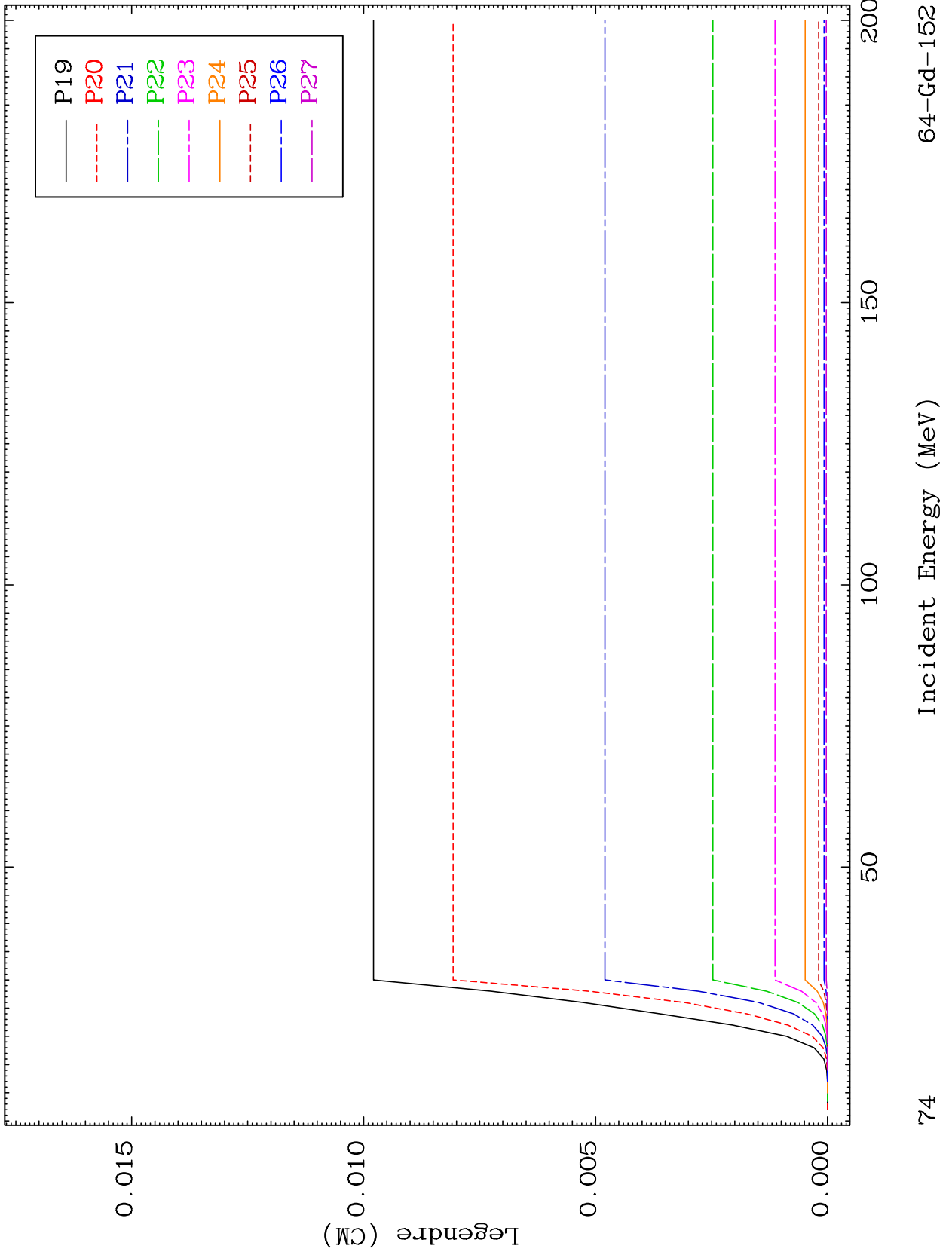
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



74

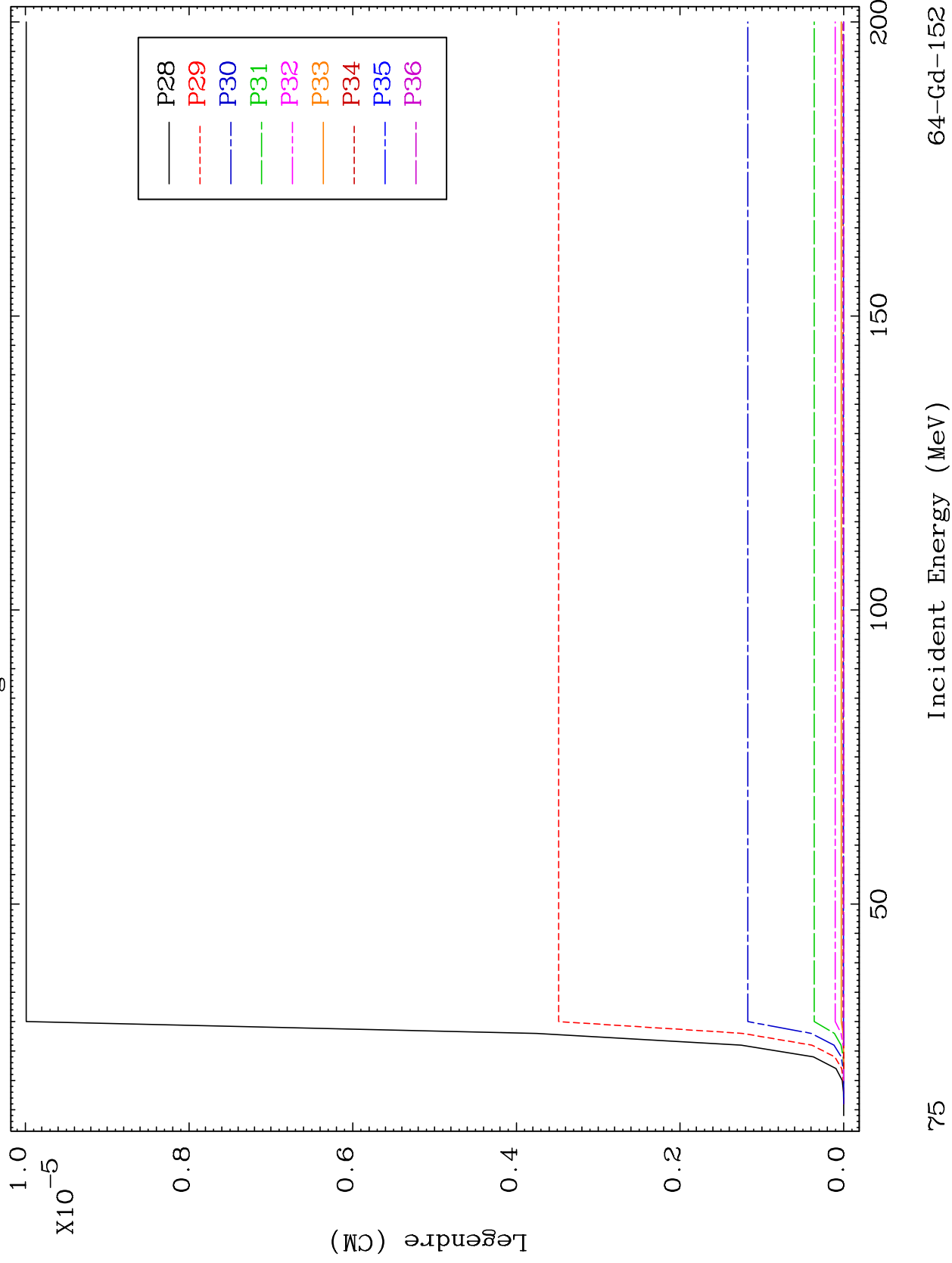
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



75

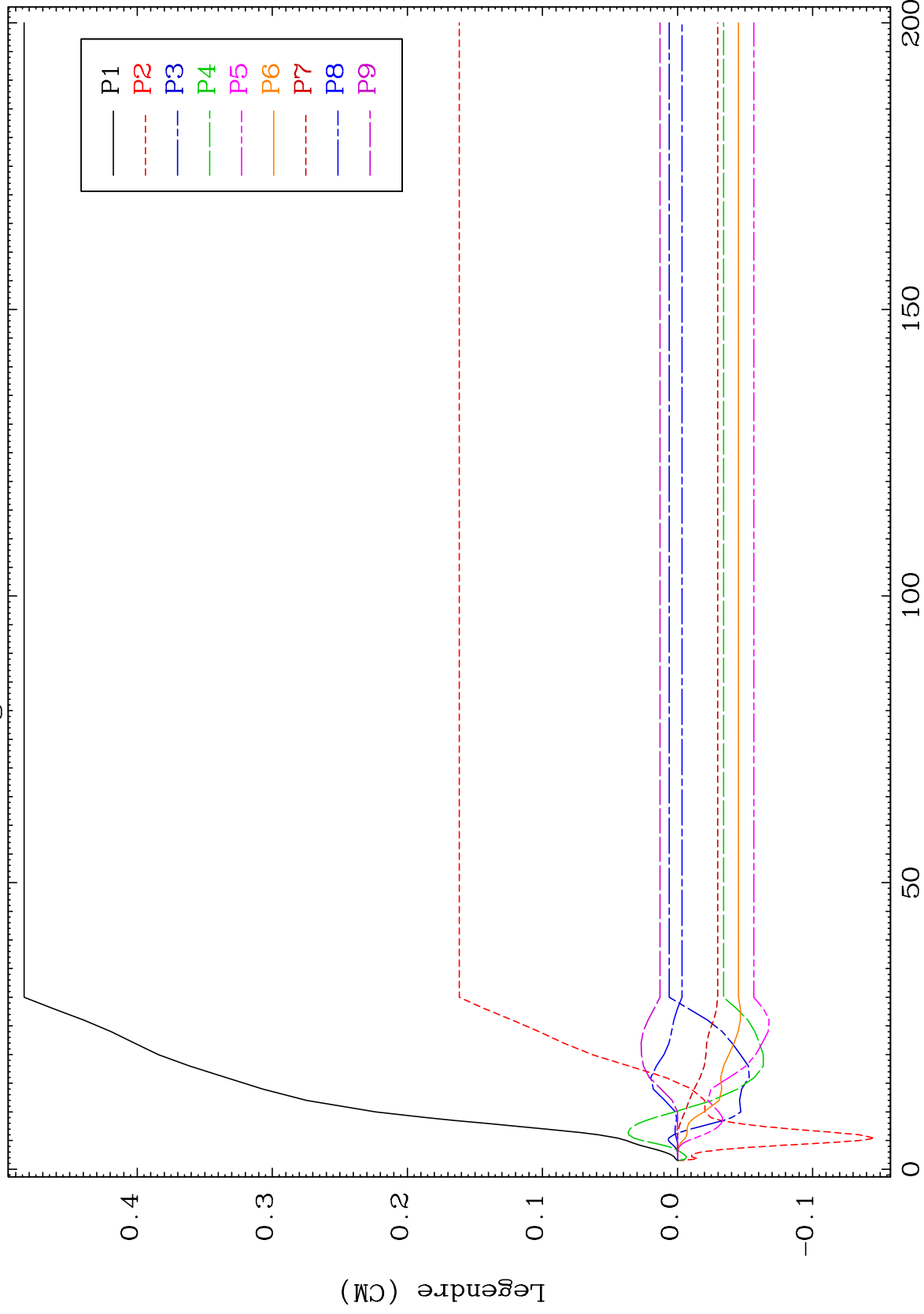
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



76

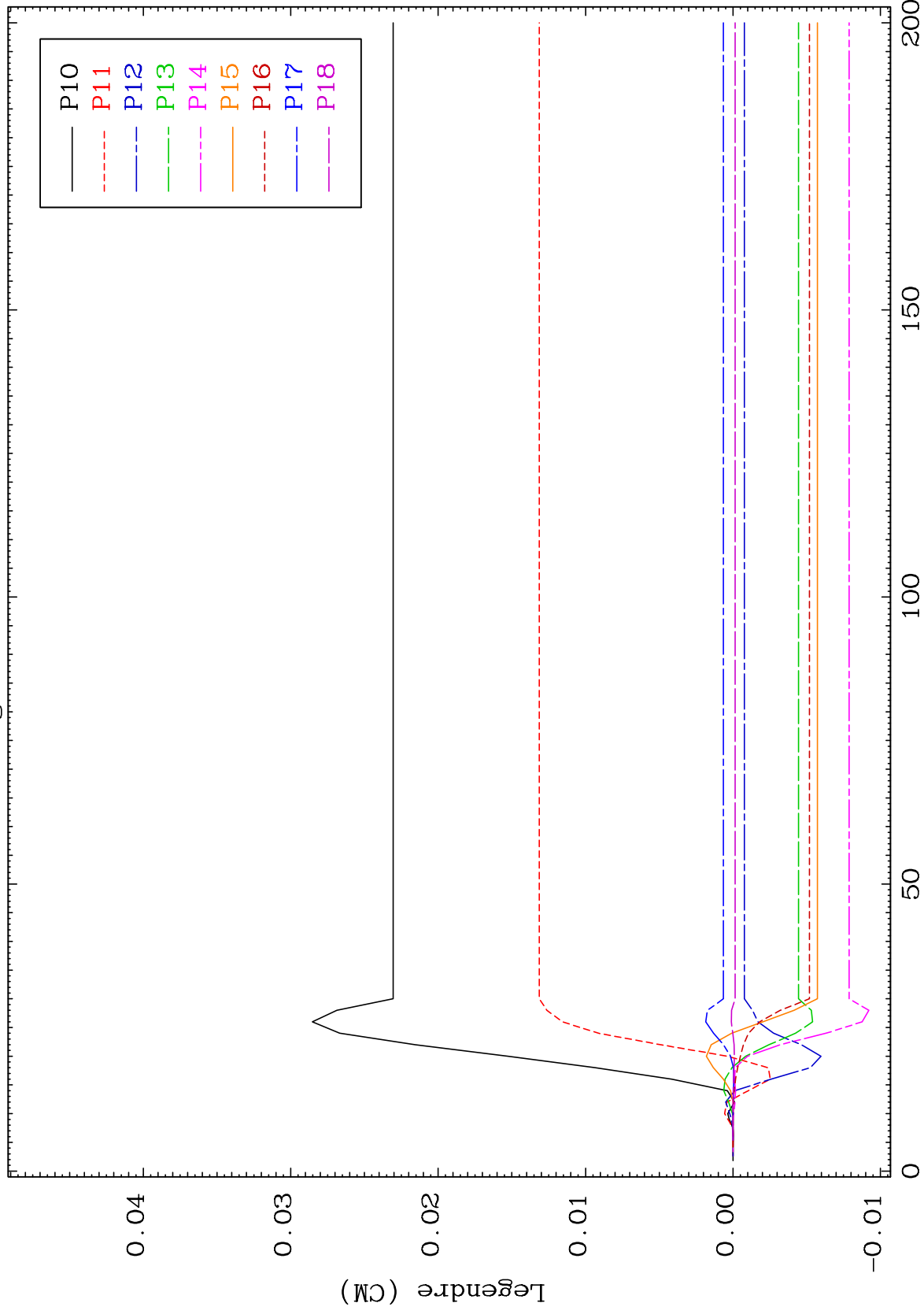
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



77

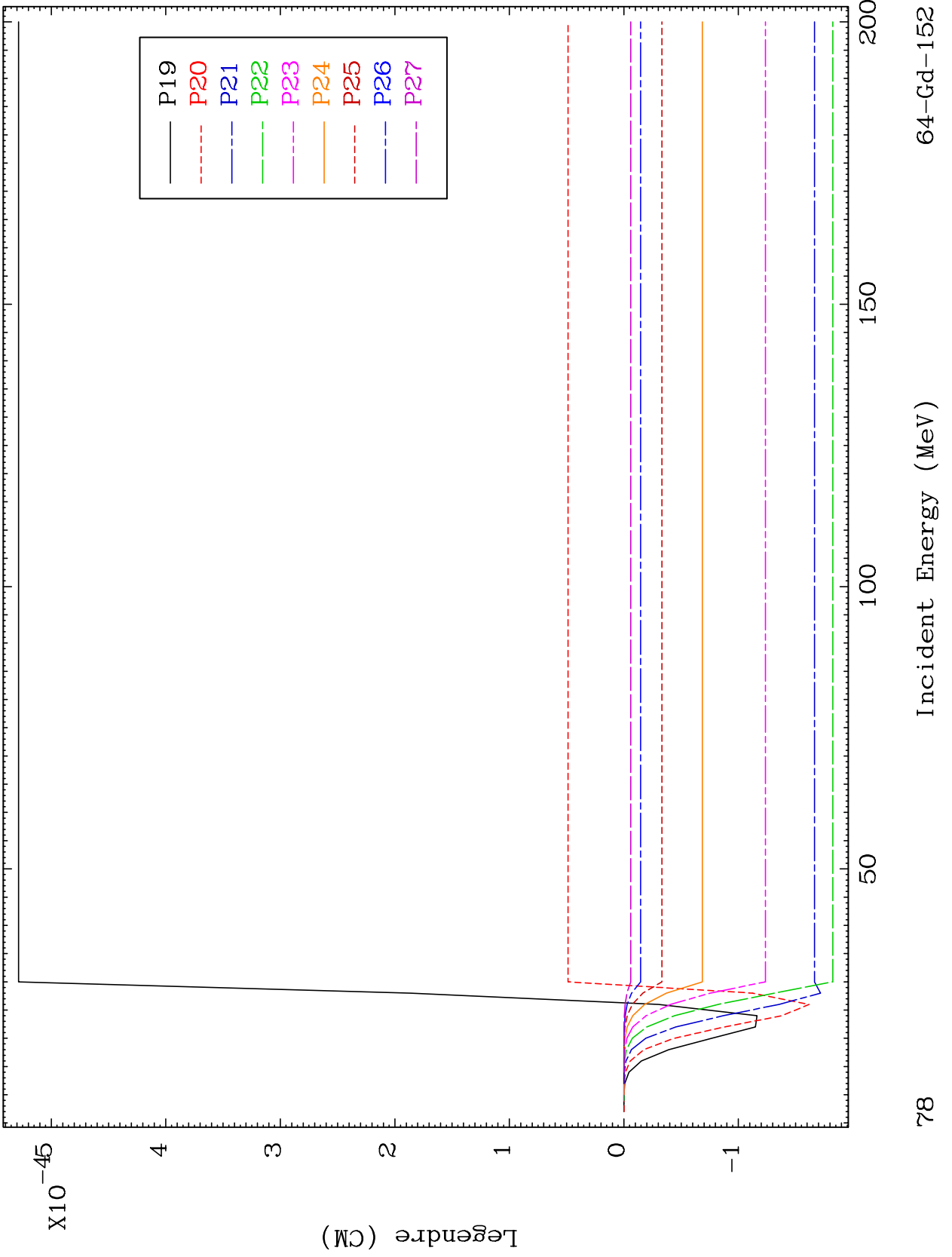
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



78

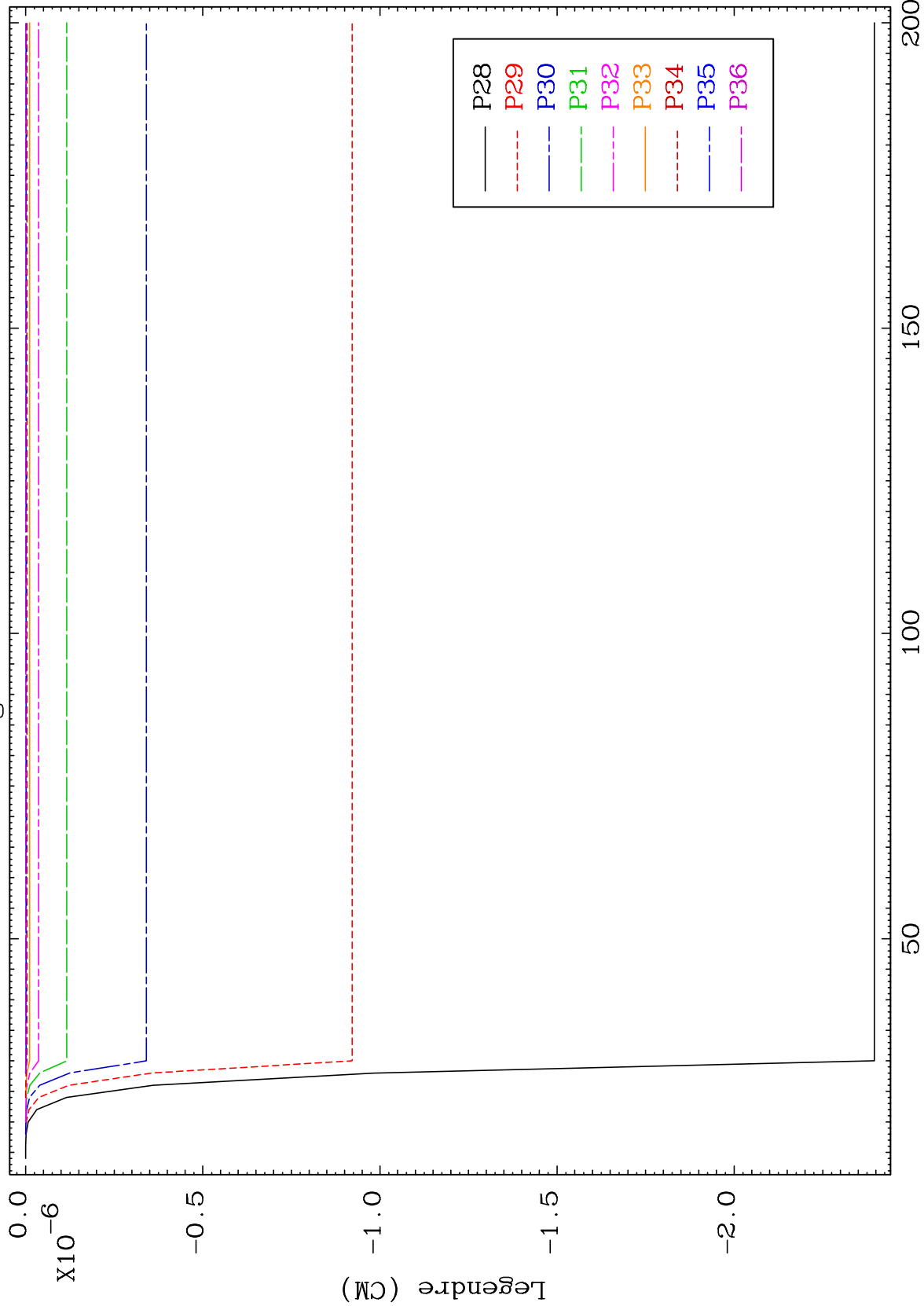
64-Gd-152

MAT 6425

MT= 65 (n,n') Level

64-Gd-152

Legendre Coefficients



64-Gd-152

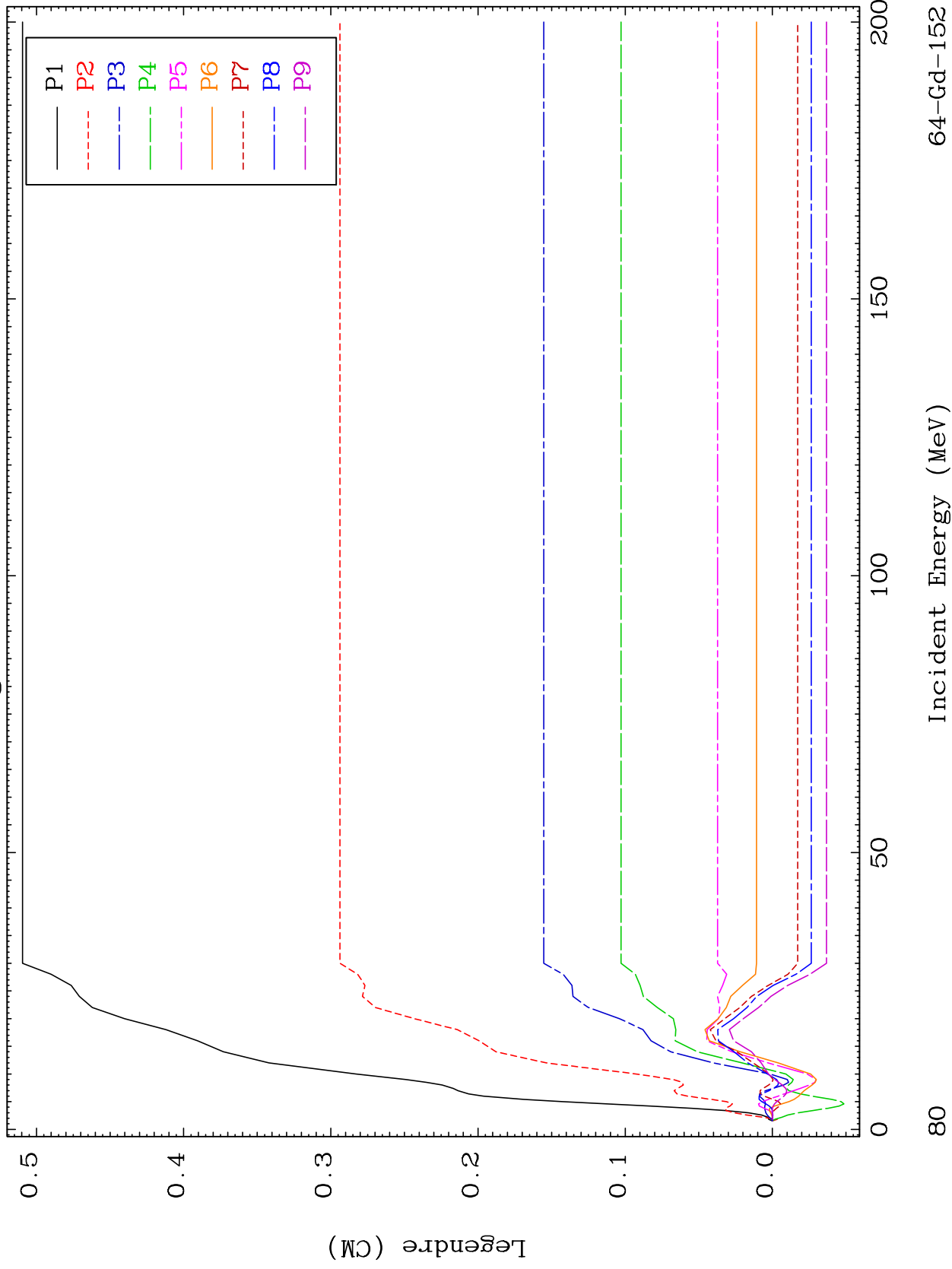
Incident Energy (MeV)

79

MAT 6425

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

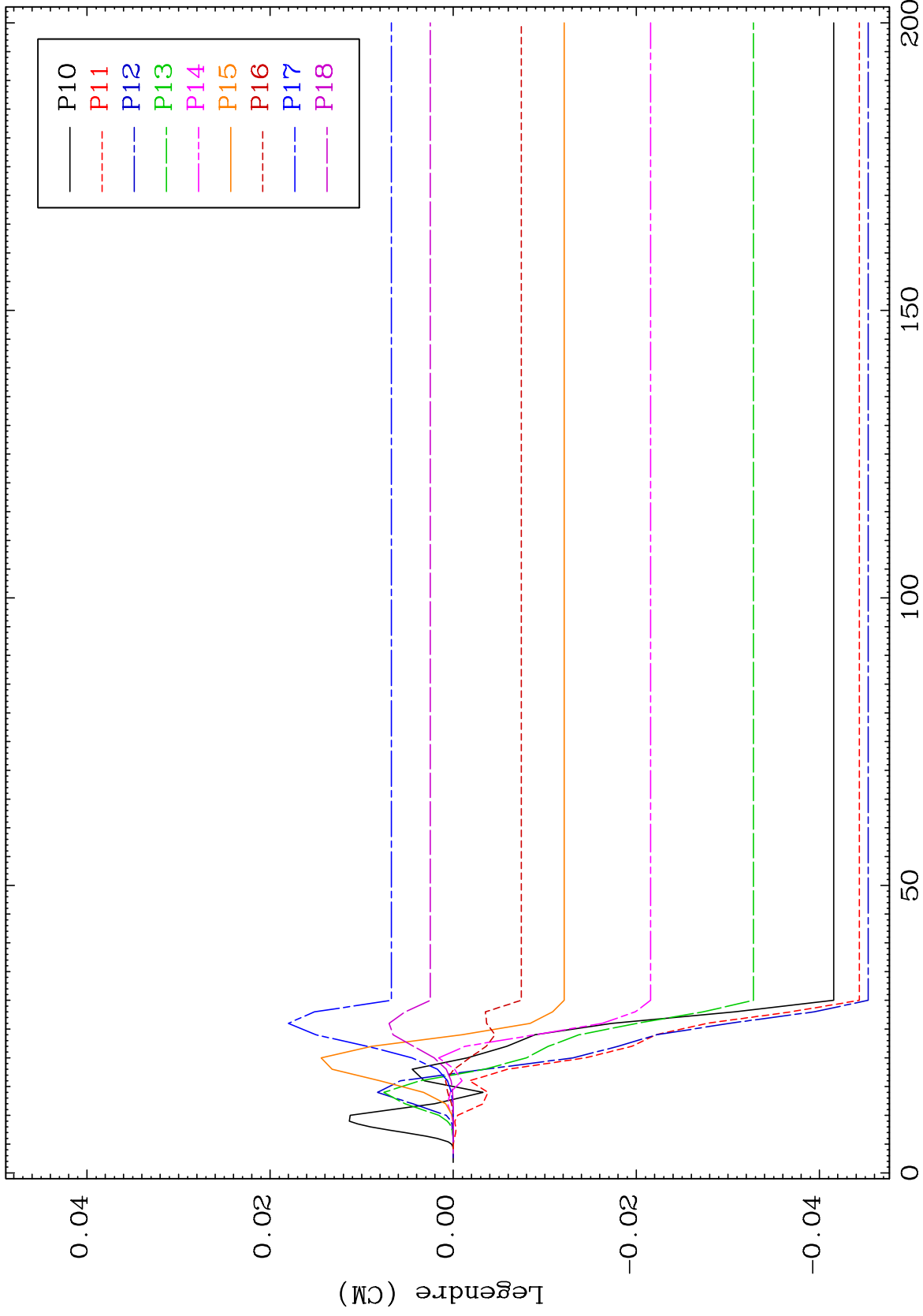
64-Gd-152



MAT 6425

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

64-Gd-152



81

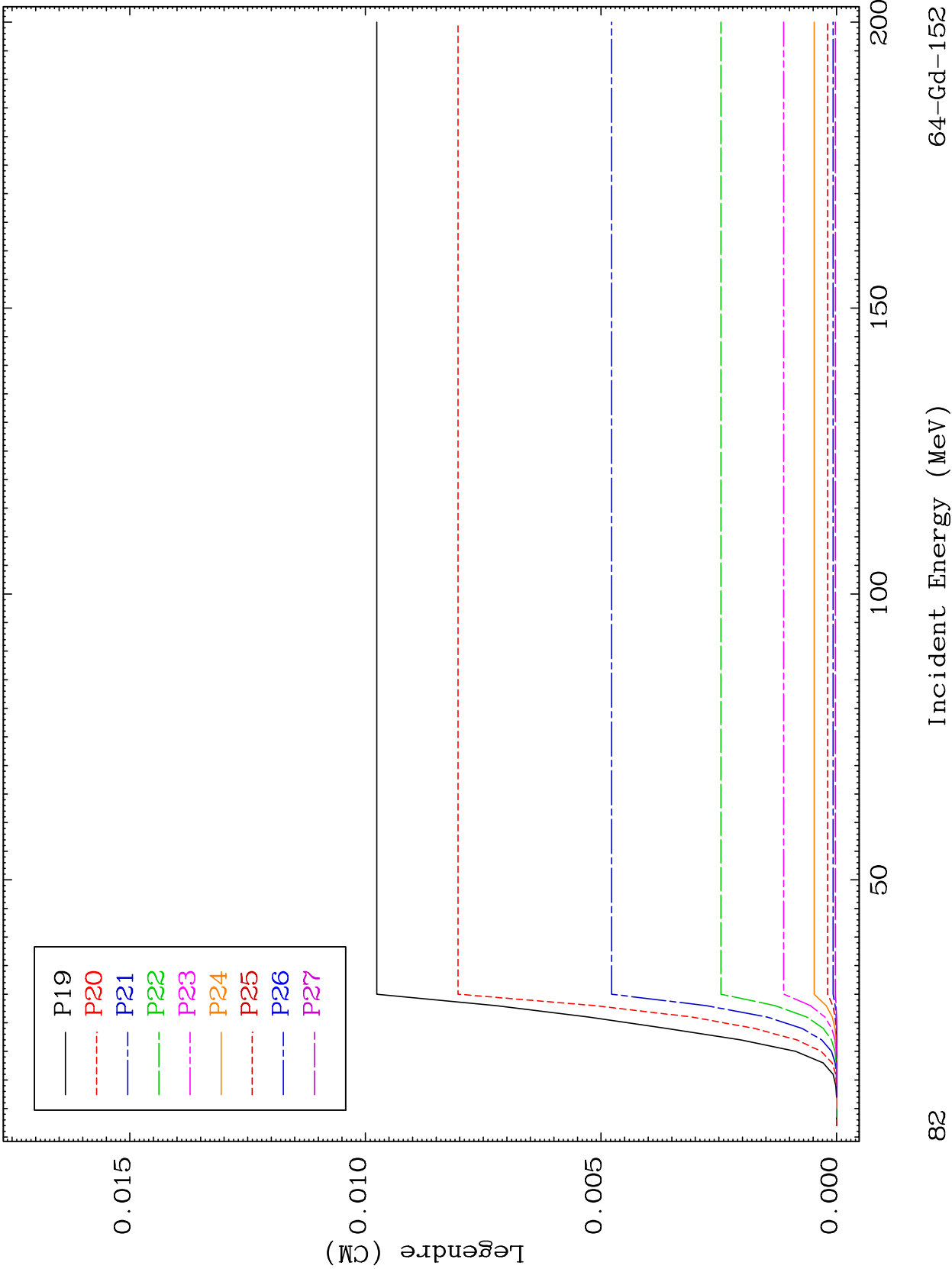
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



82

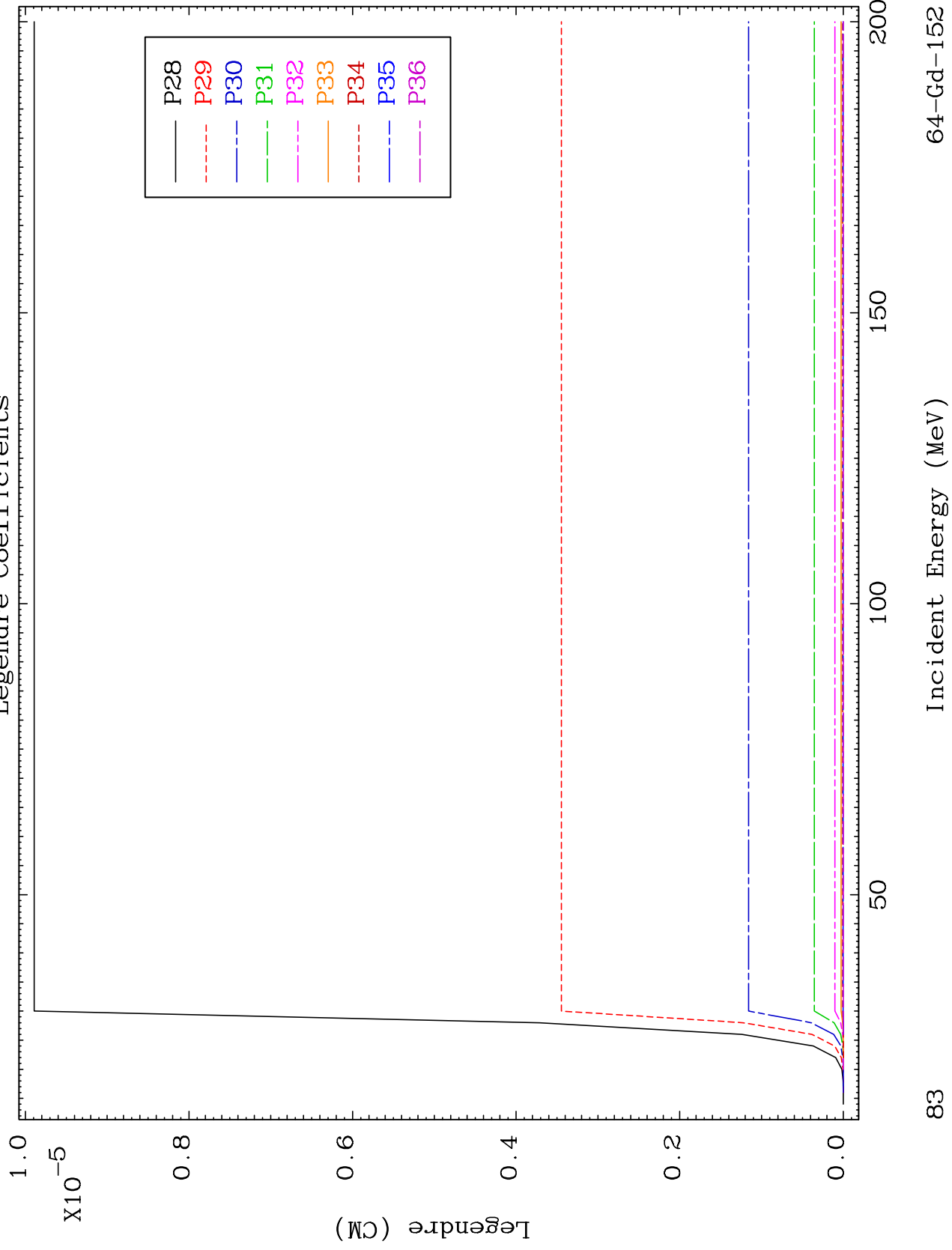
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



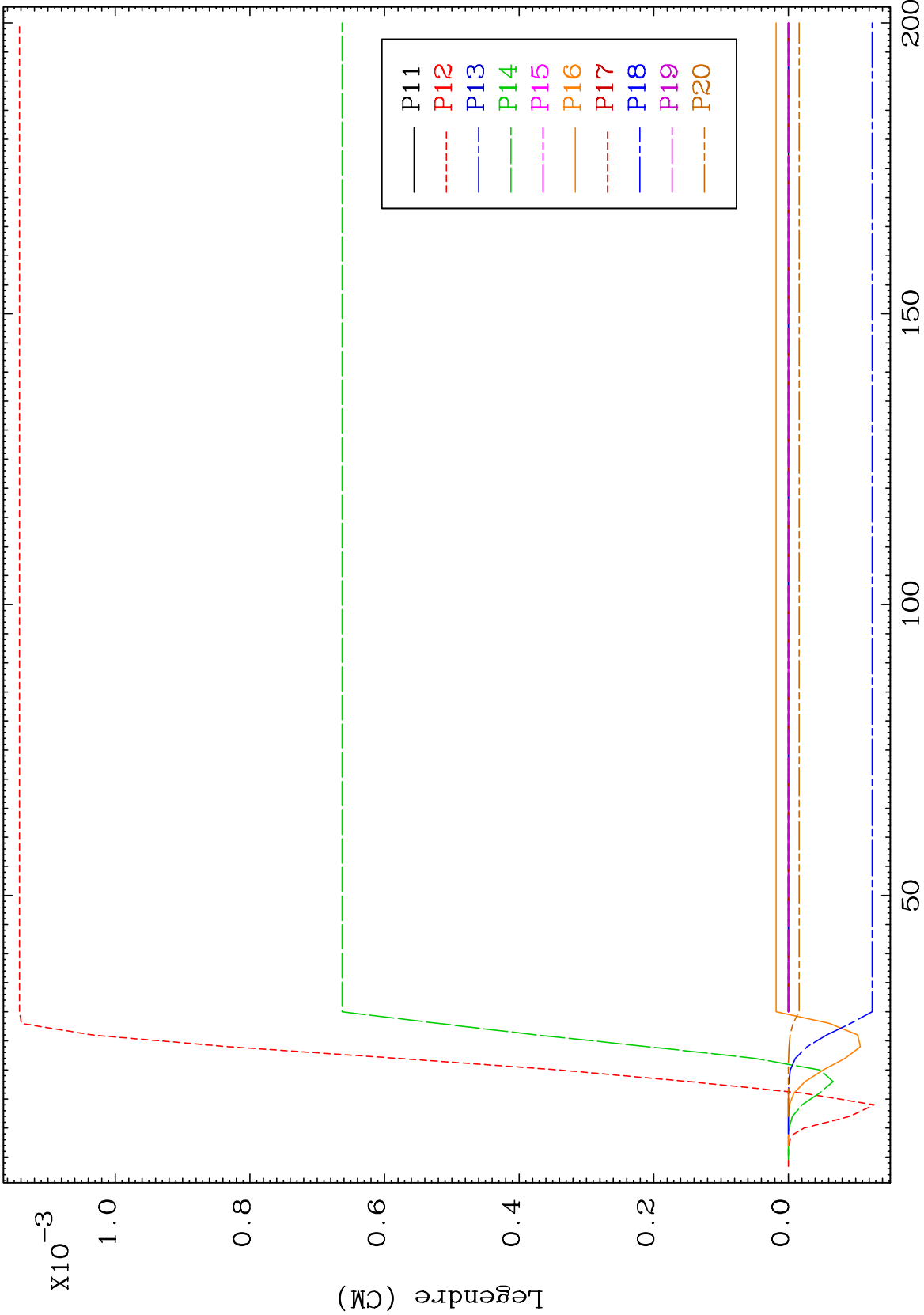
83

64-Gd-152

MAT 6425

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

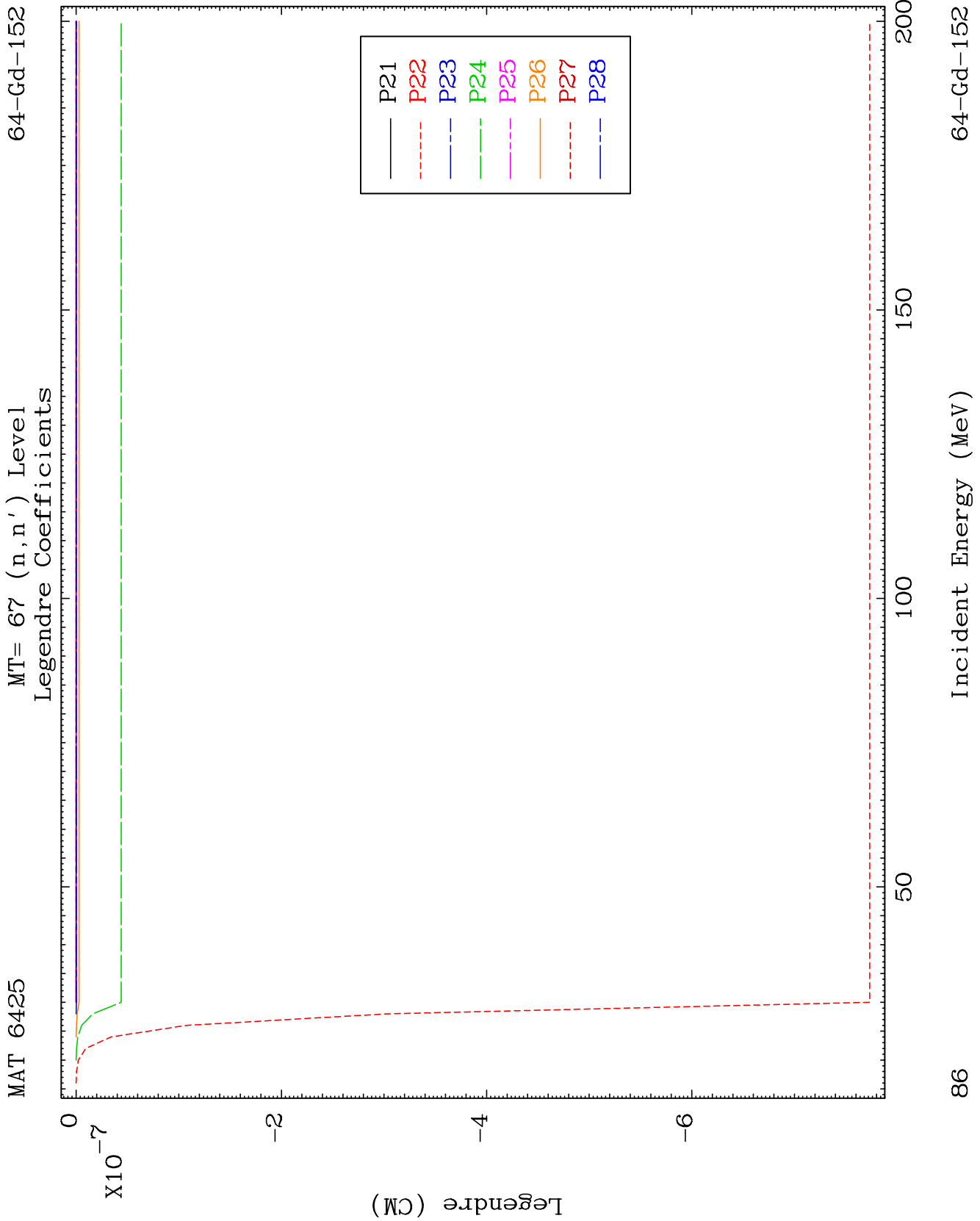
64-Gd-152



85

Incident Energy (MeV)

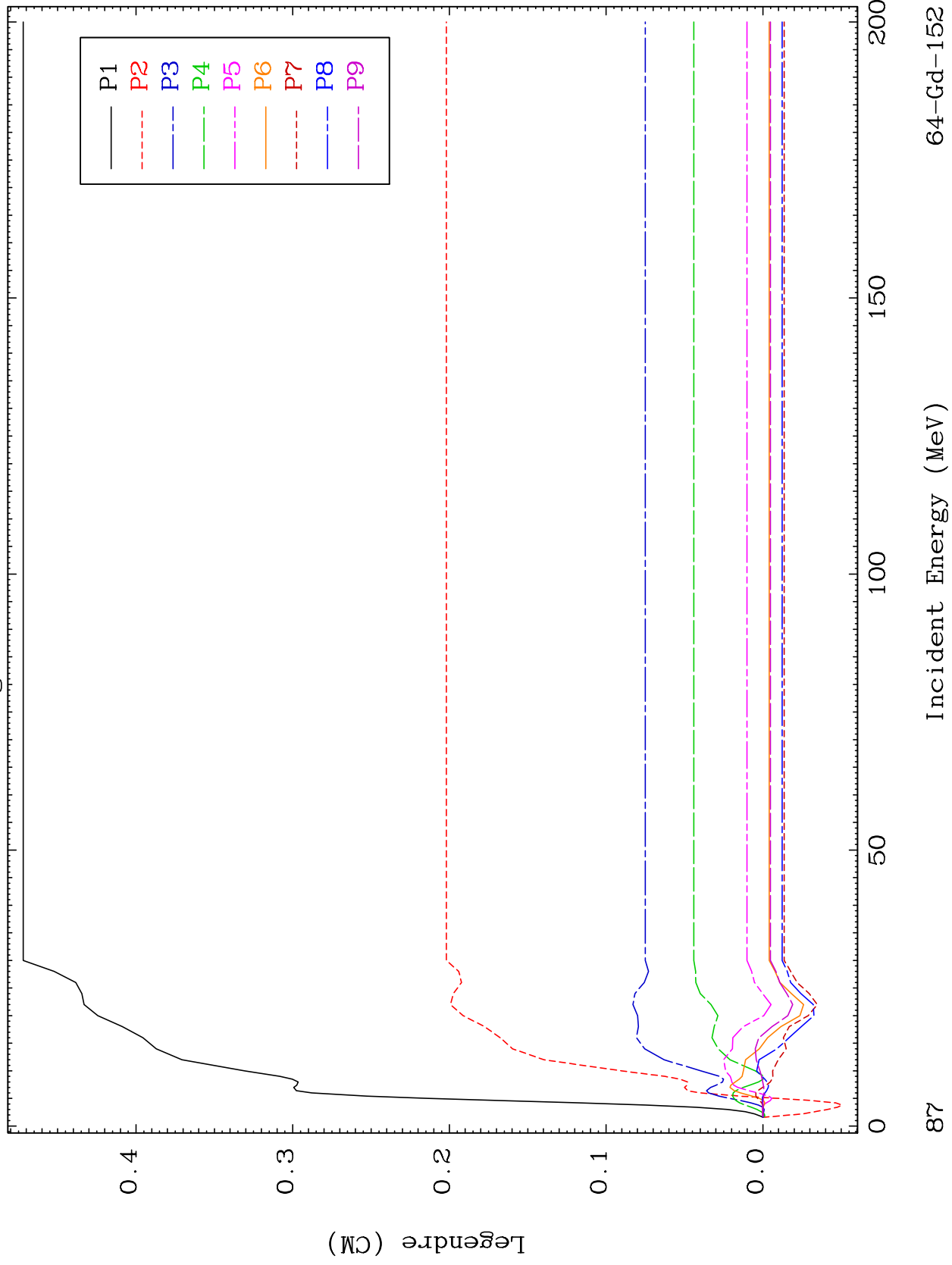
64-Gd-152



MAT 6425

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

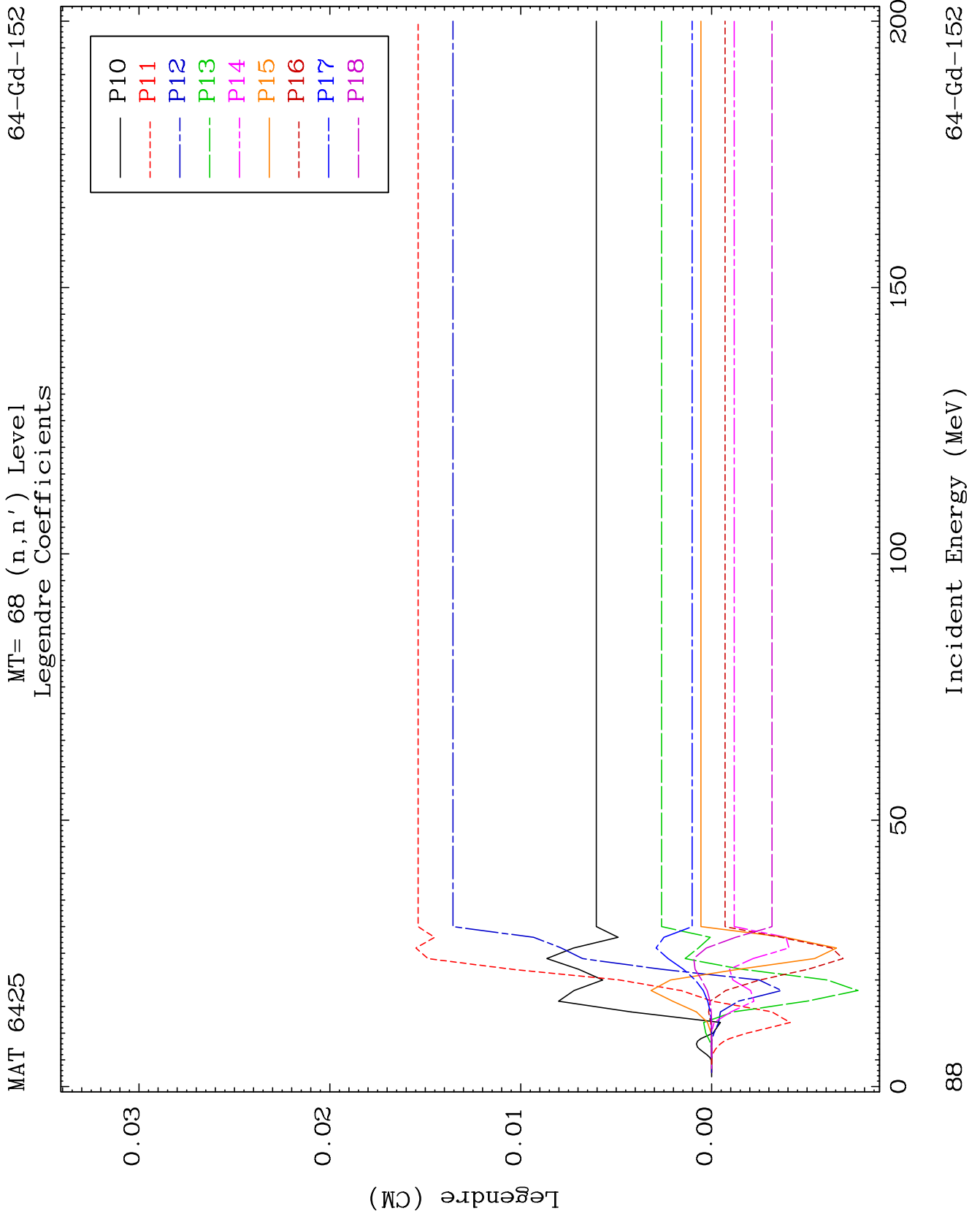
64-Gd-152

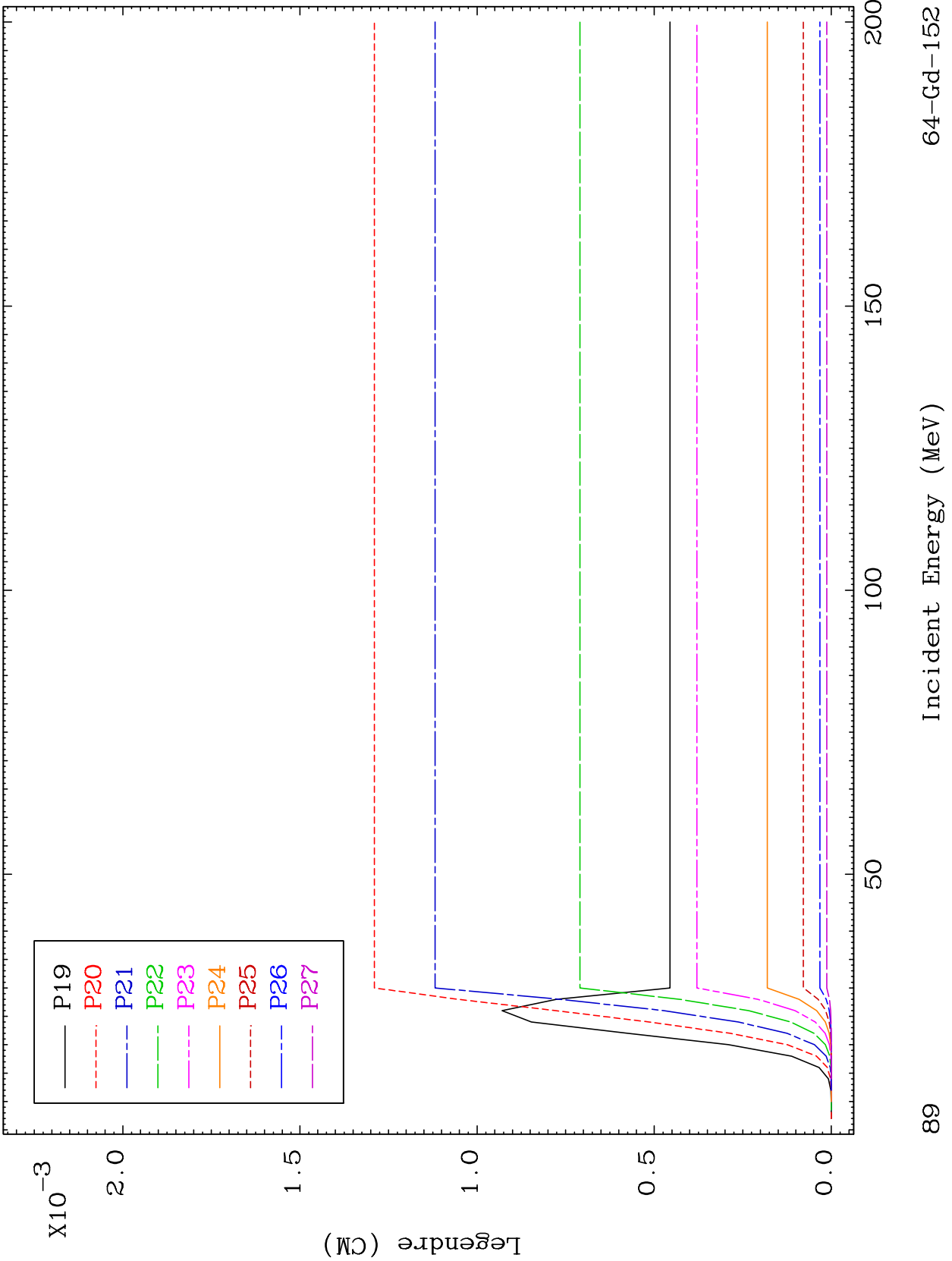


64-Gd-152

Incident Energy (MeV)

87

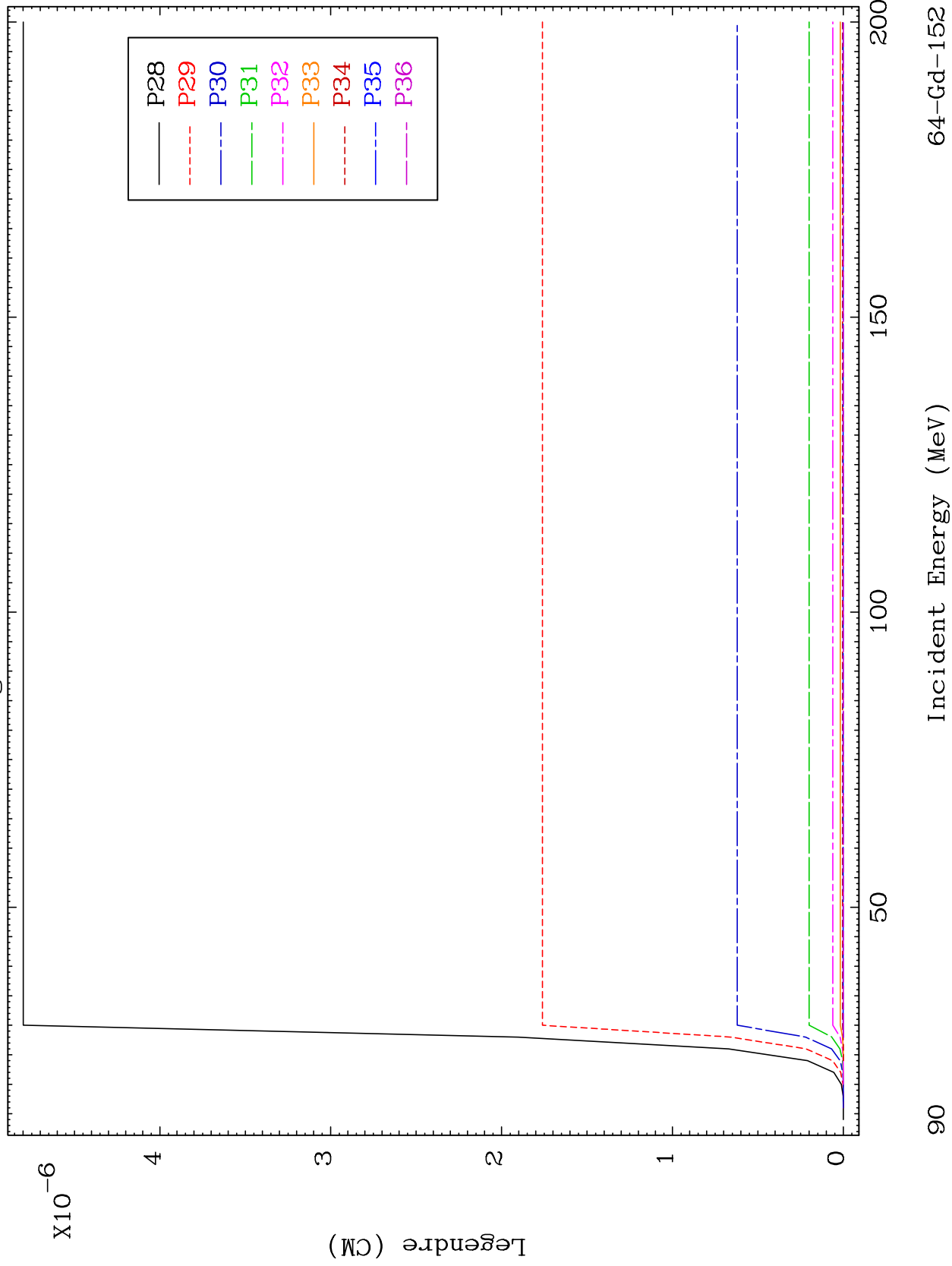




MAT 6425

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

64-Gd-152

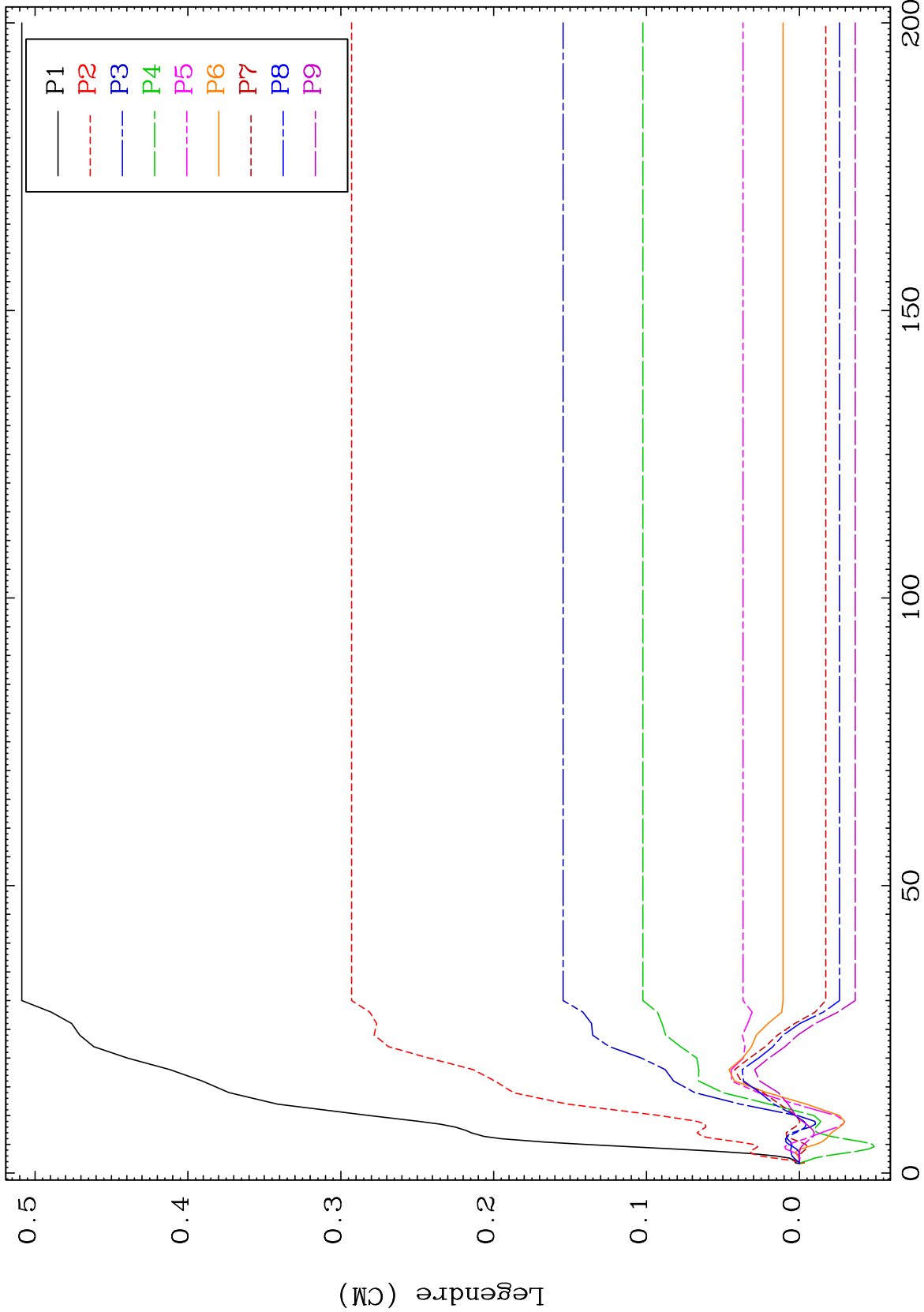


MAT 6425

MT= 69 (n,n') Level

64-Gd-152

Legendre Coefficients



91

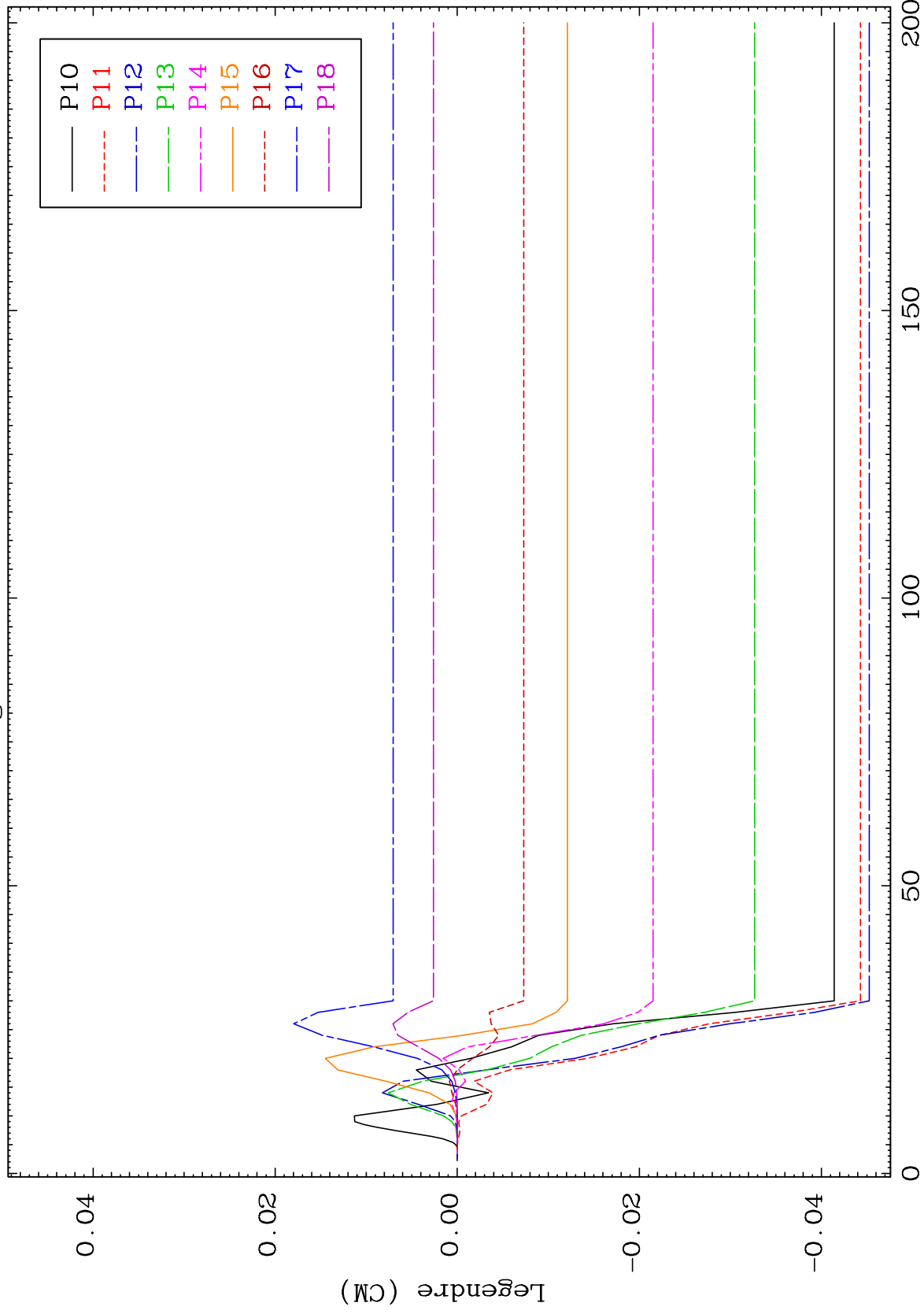
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



92

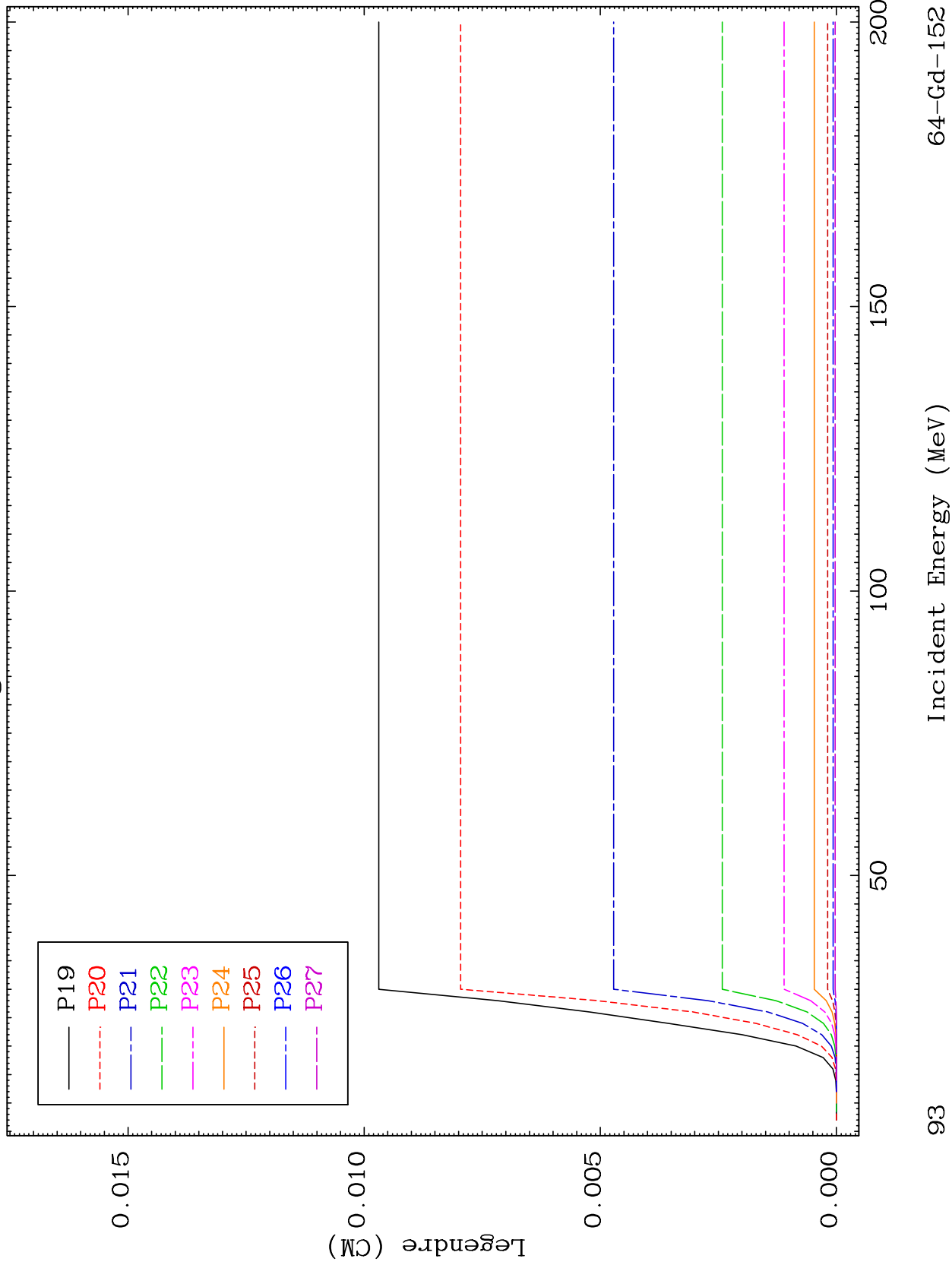
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



93

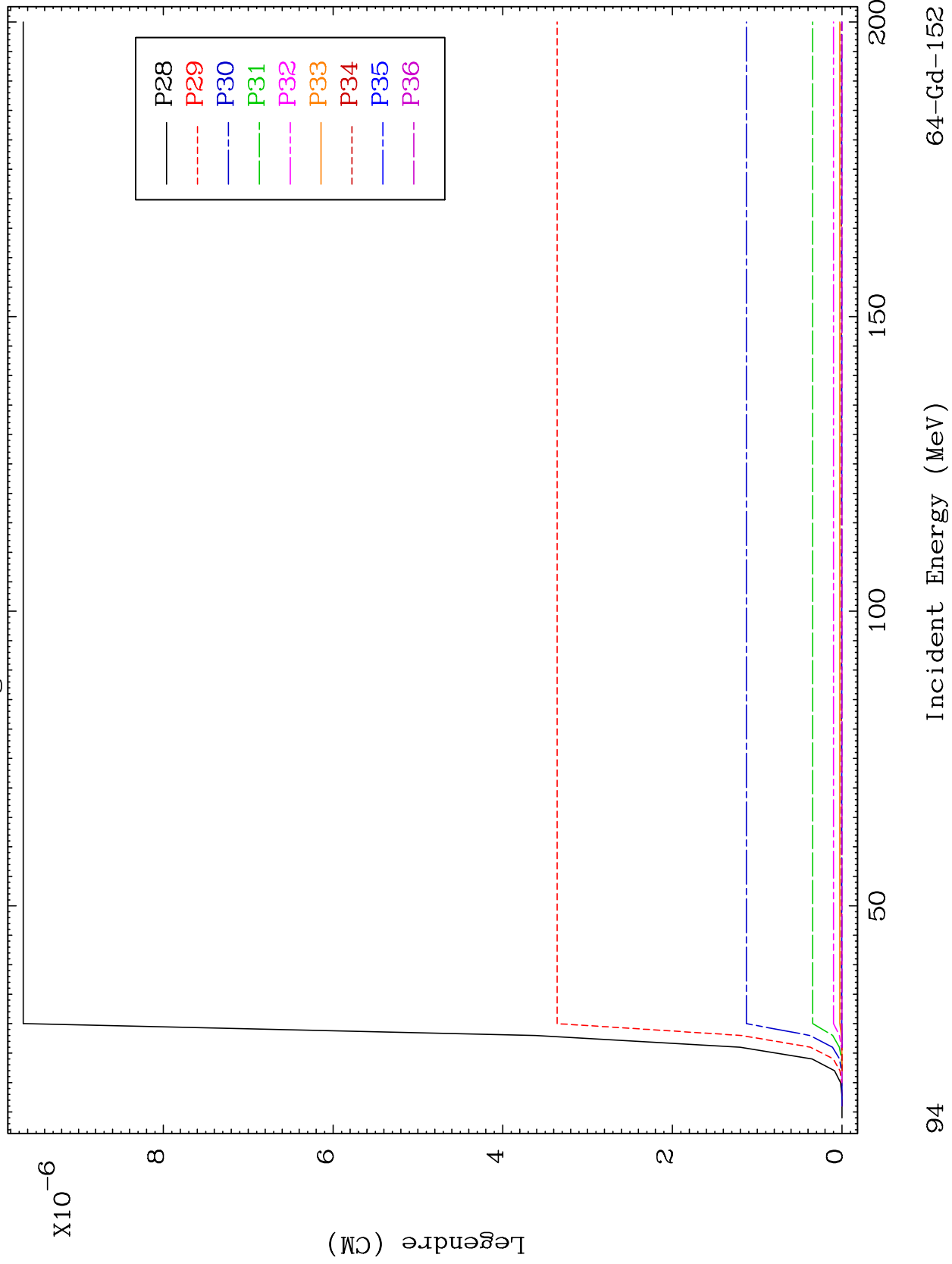
Incident Energy (MeV)

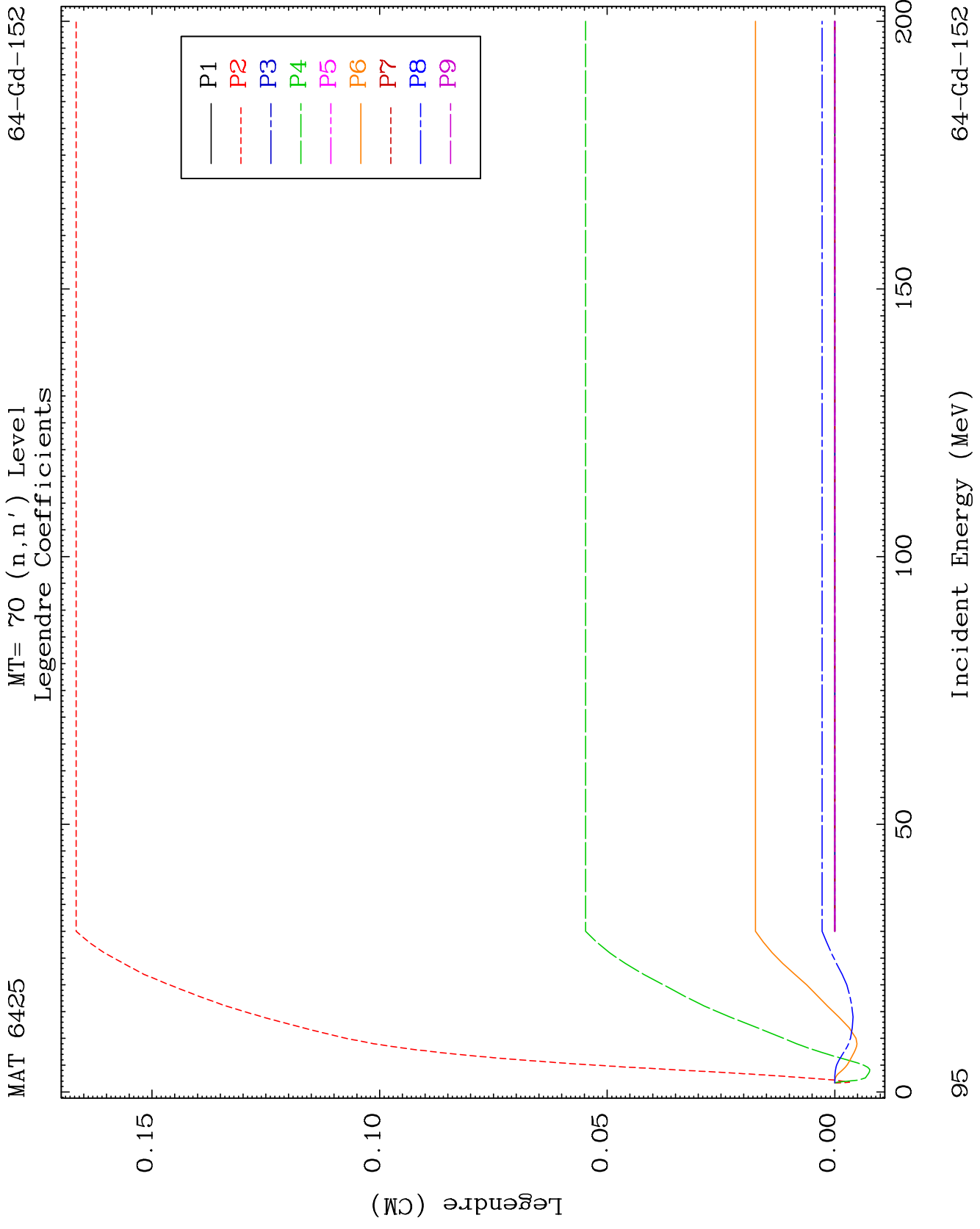
64-Gd-152

MAT 6425

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

64-Gd-152

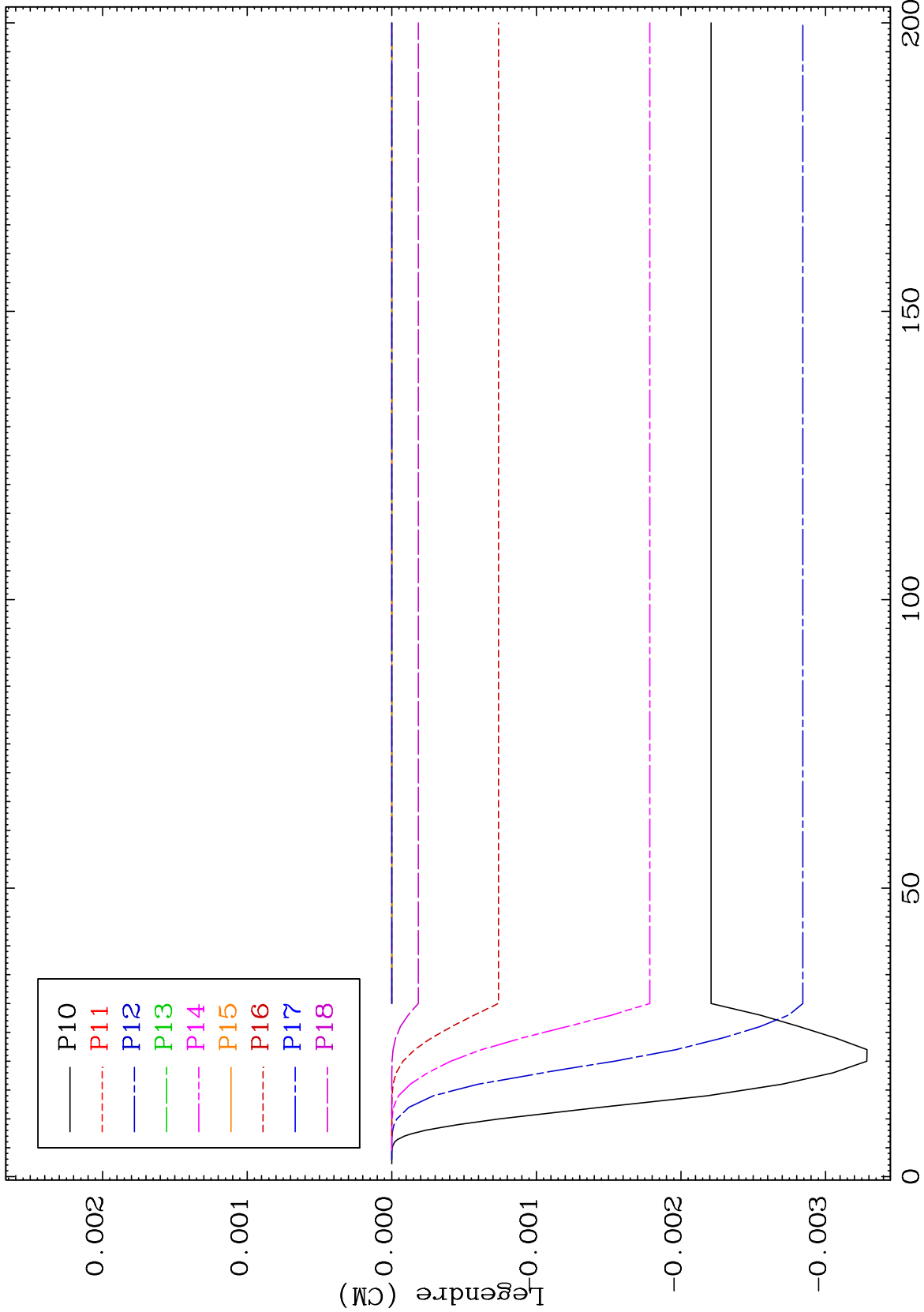




MAT 6425

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

64-Gd-152



96

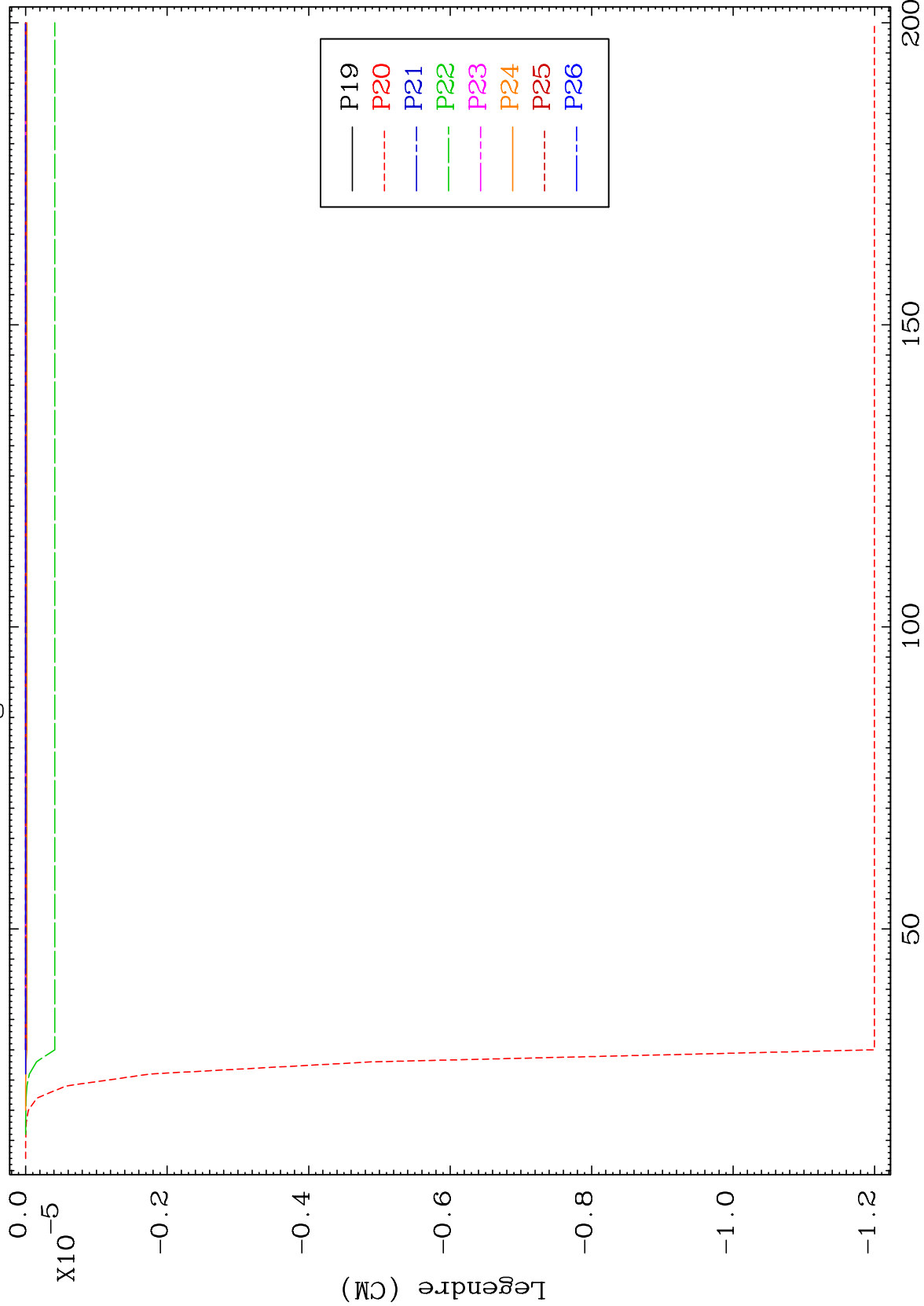
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

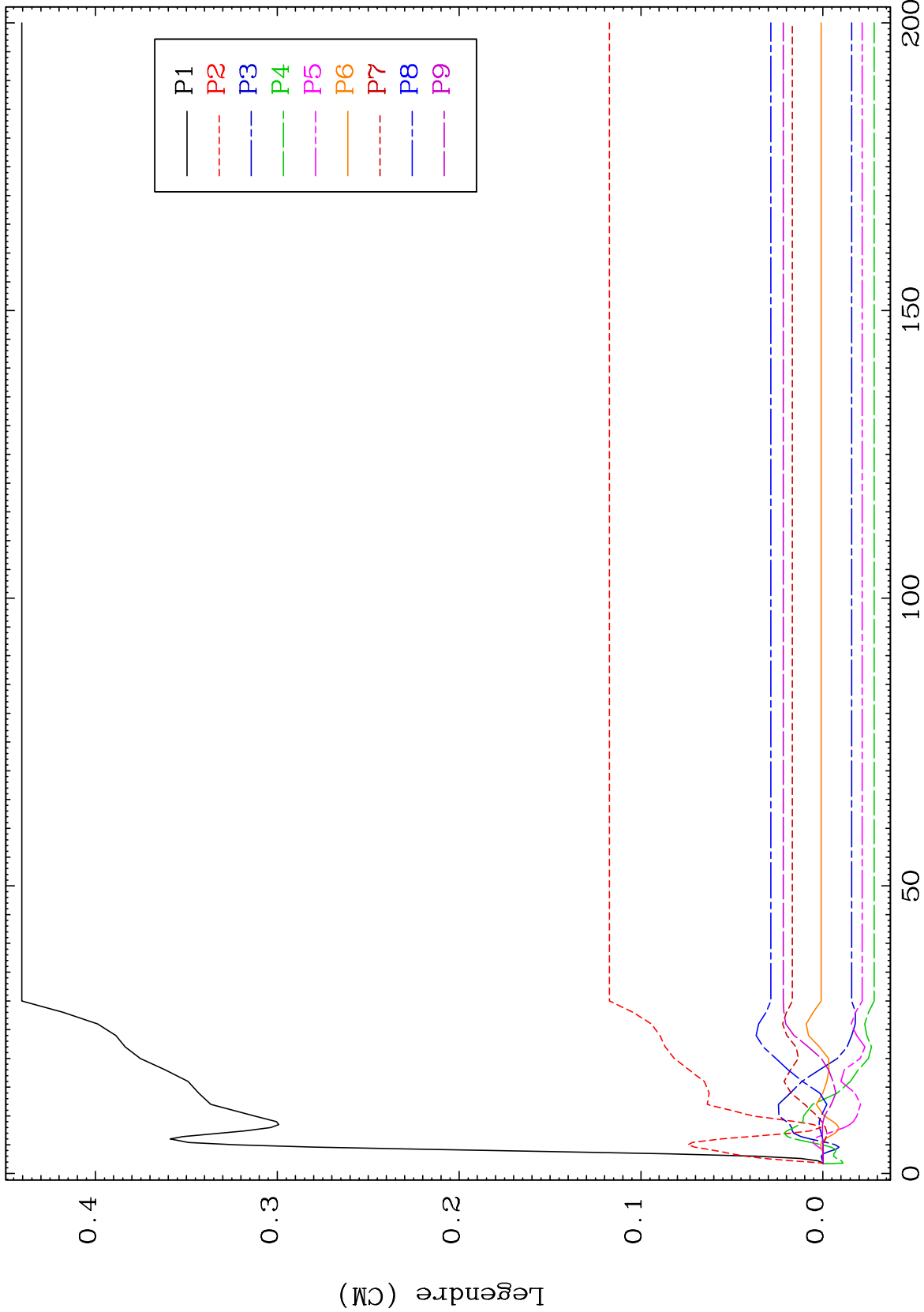
Incident Energy (MeV)

97

MAT 6425

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

64-Gd-152



98

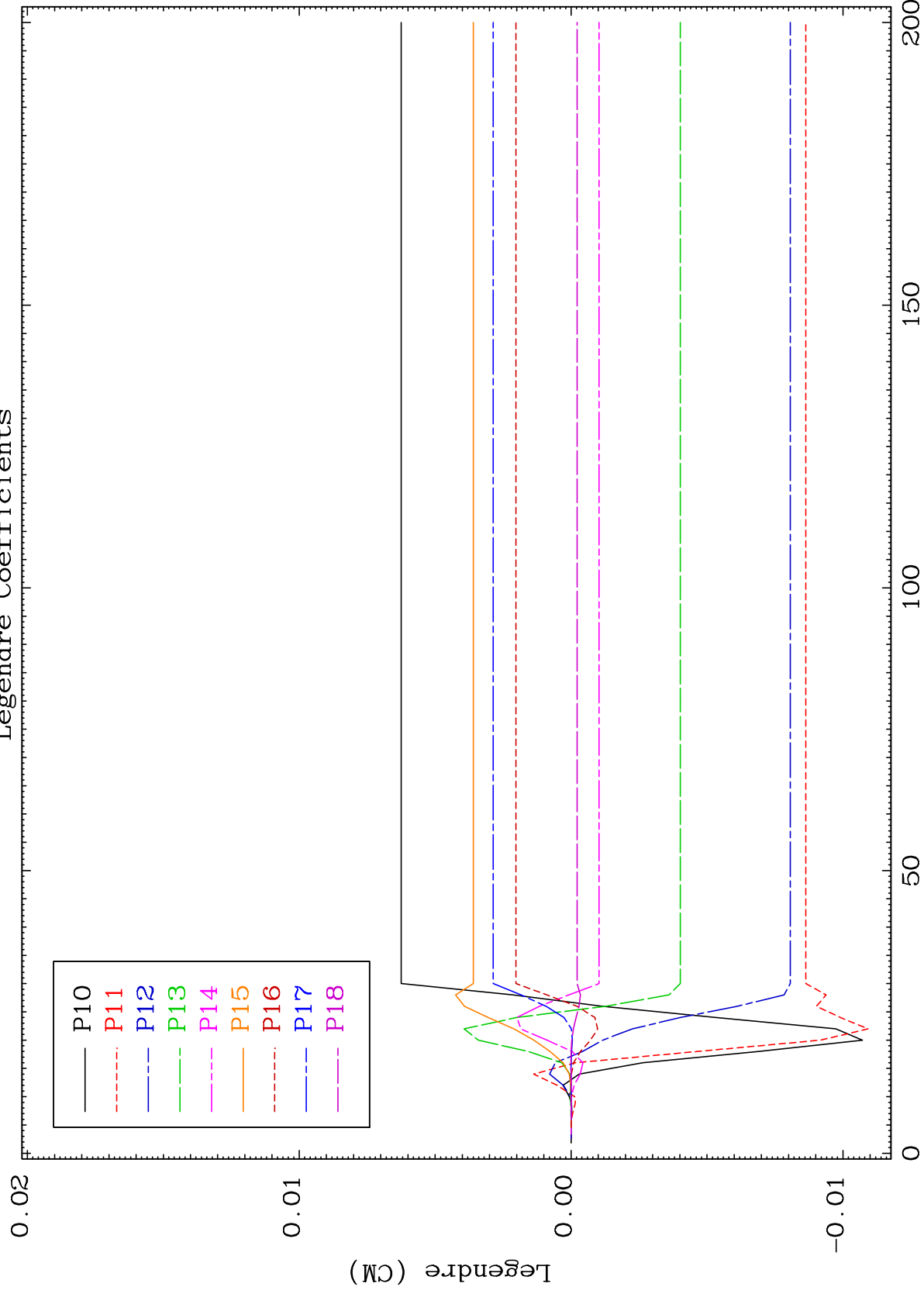
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



99

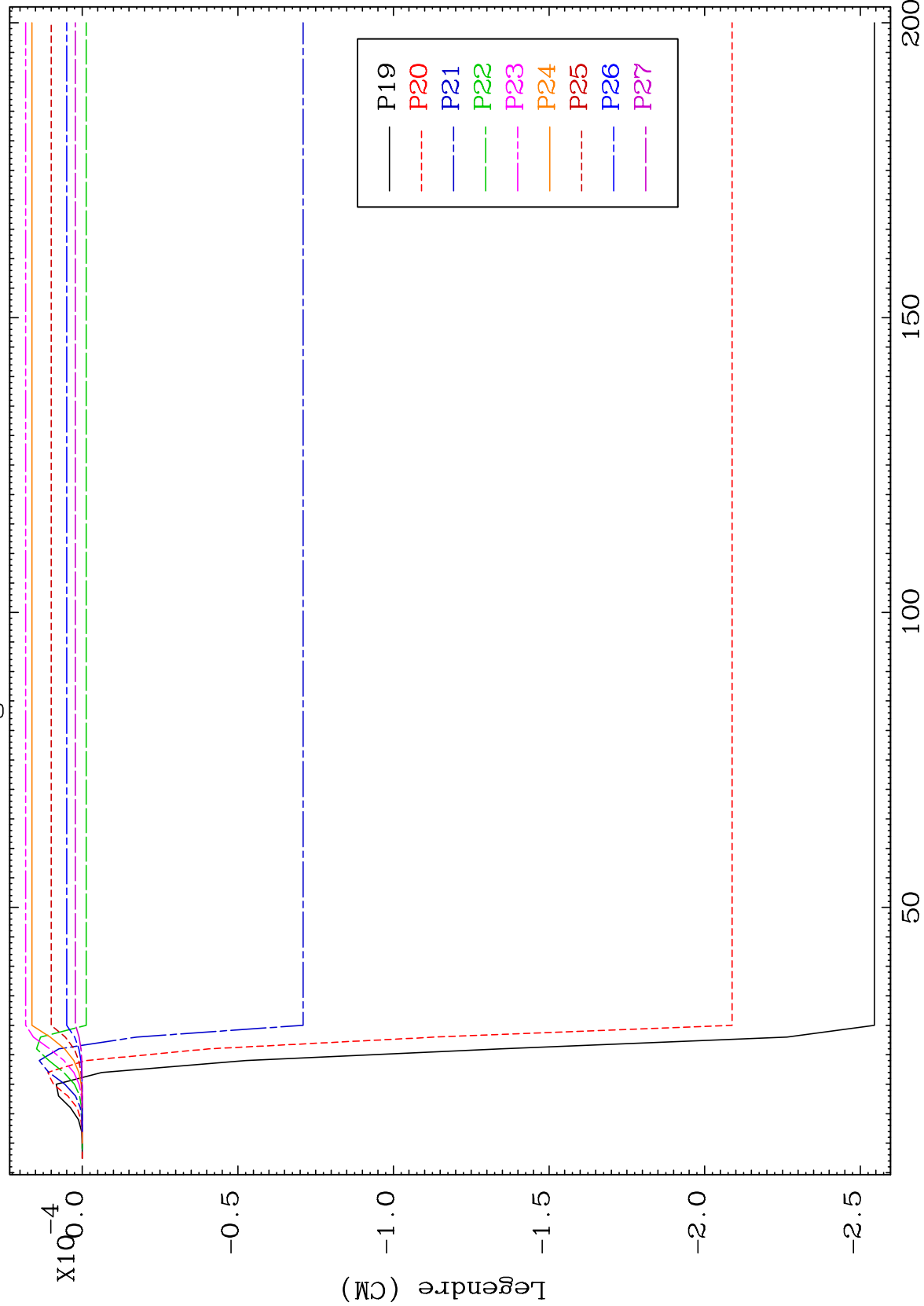
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

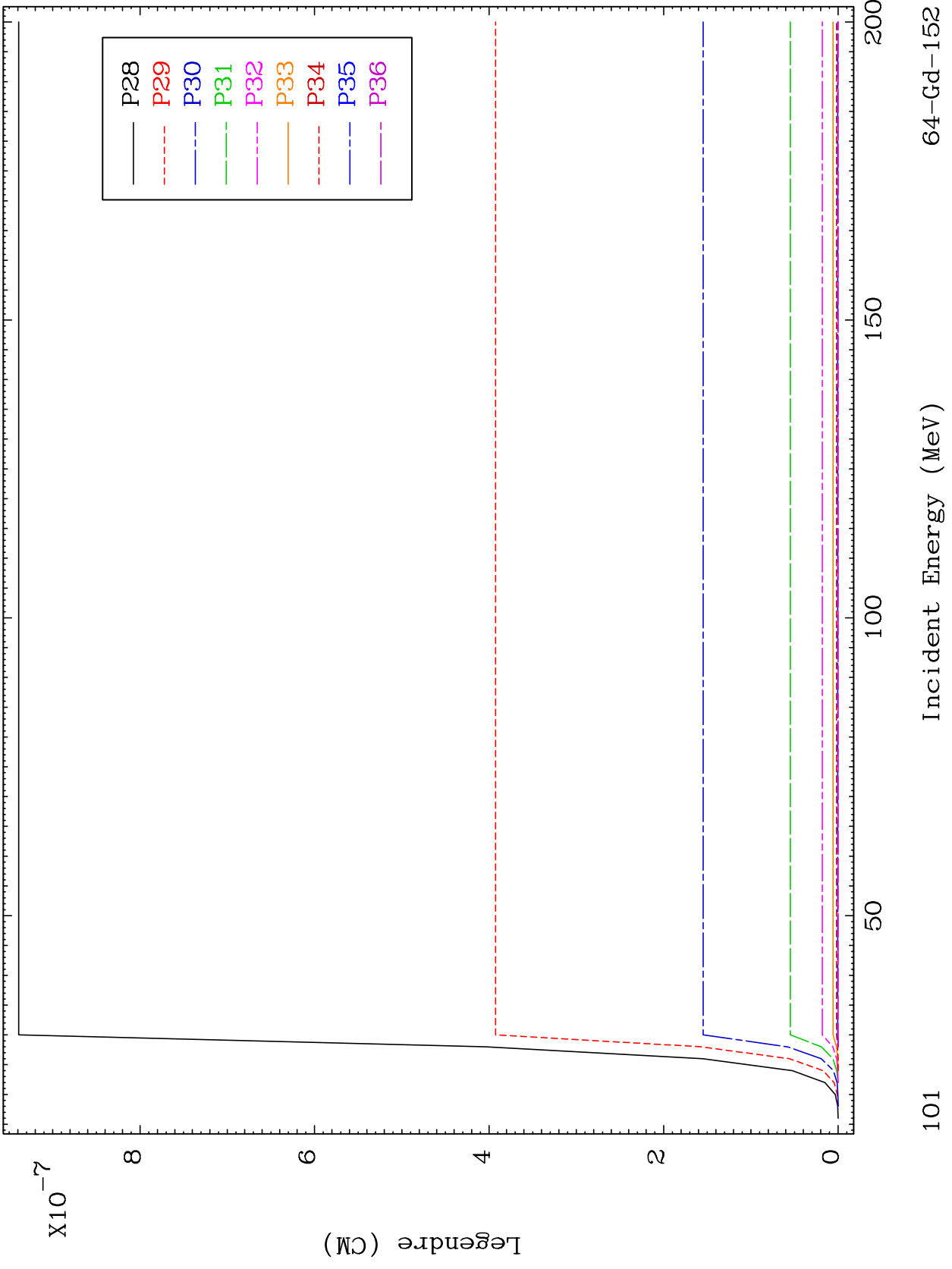
Incident Energy (MeV)

100

MAT 6425

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

64-Gd-152



101

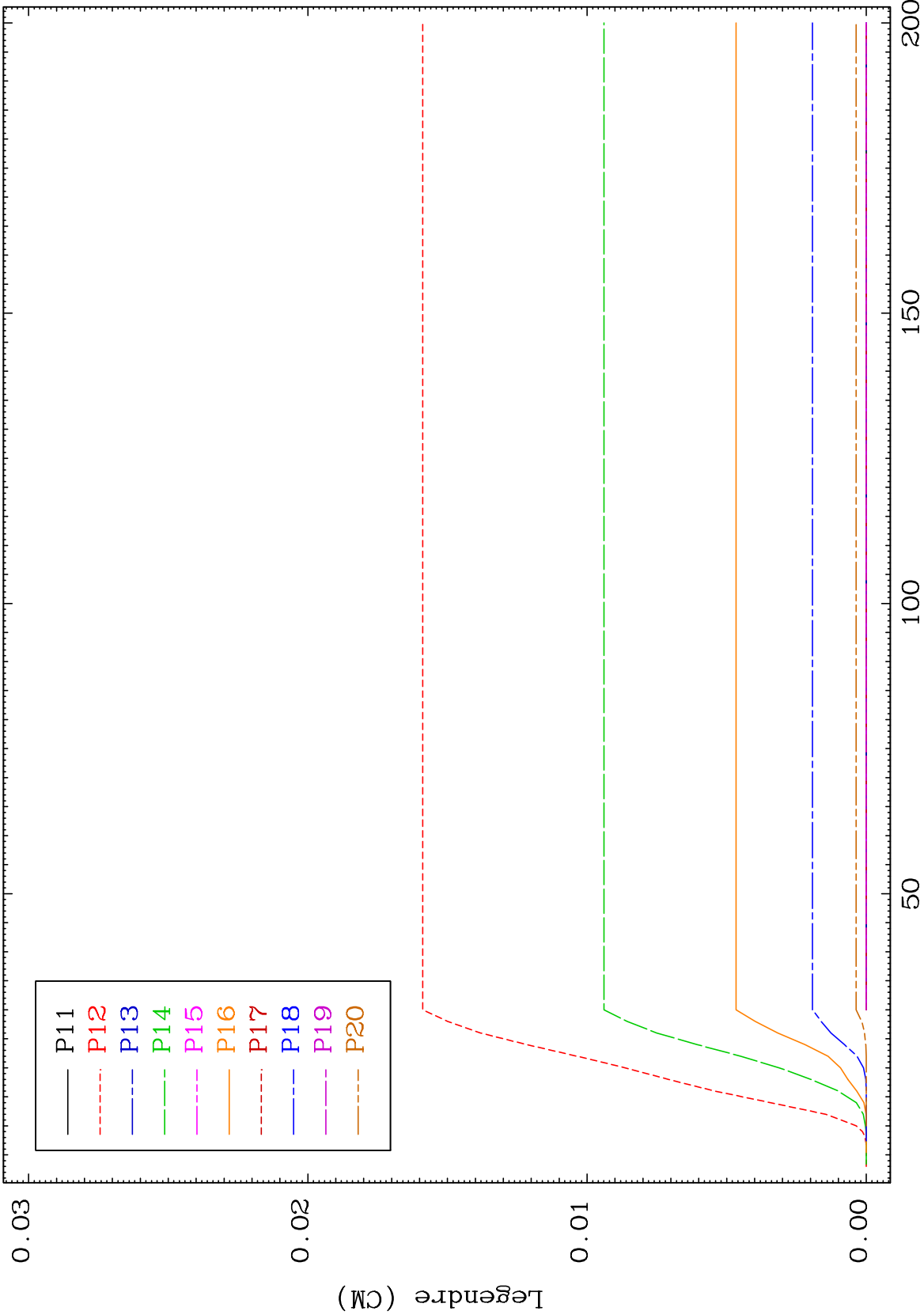
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



103

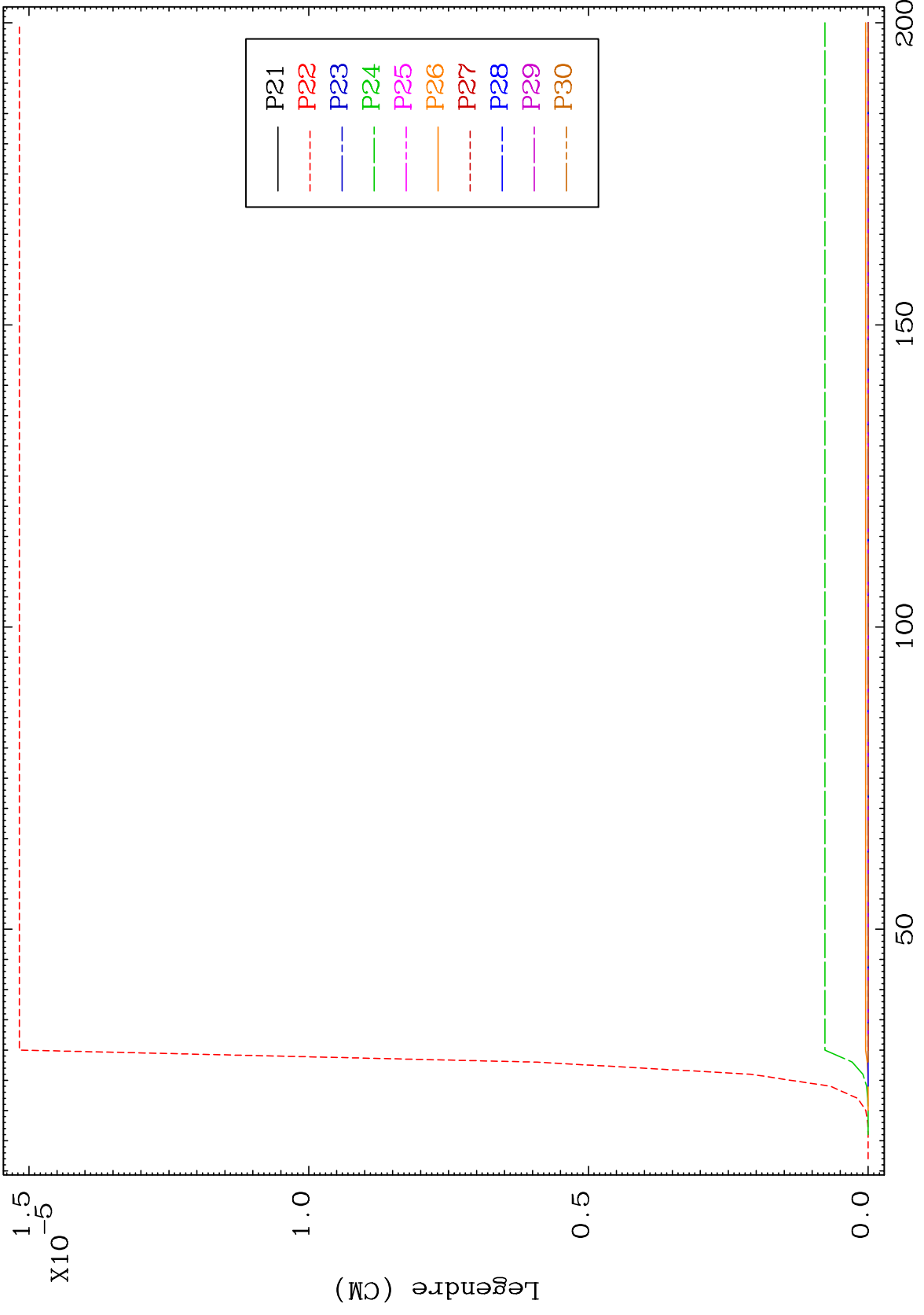
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

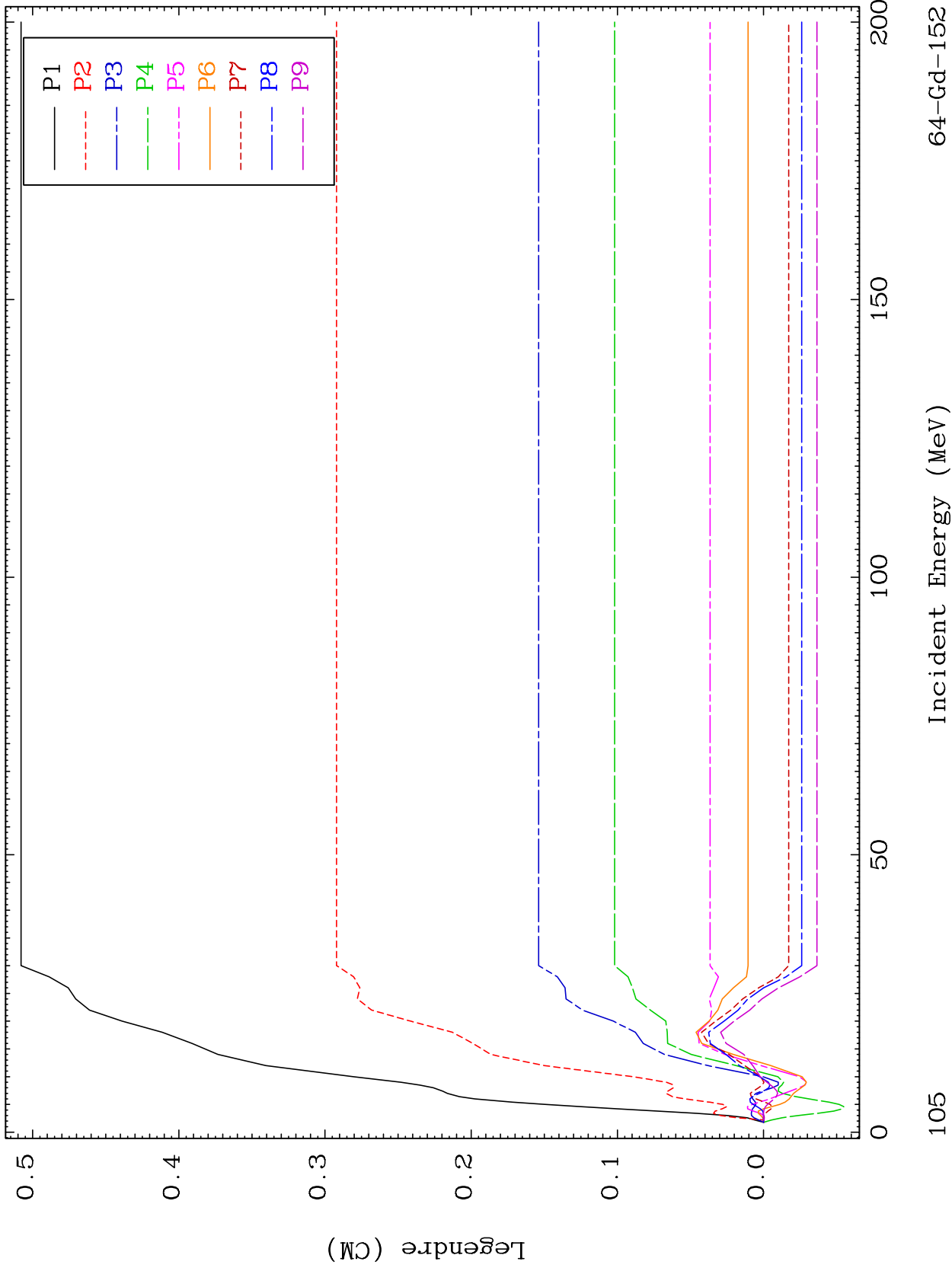
Incident Energy (MeV)

104

MAT 6425

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

64-Gd-152



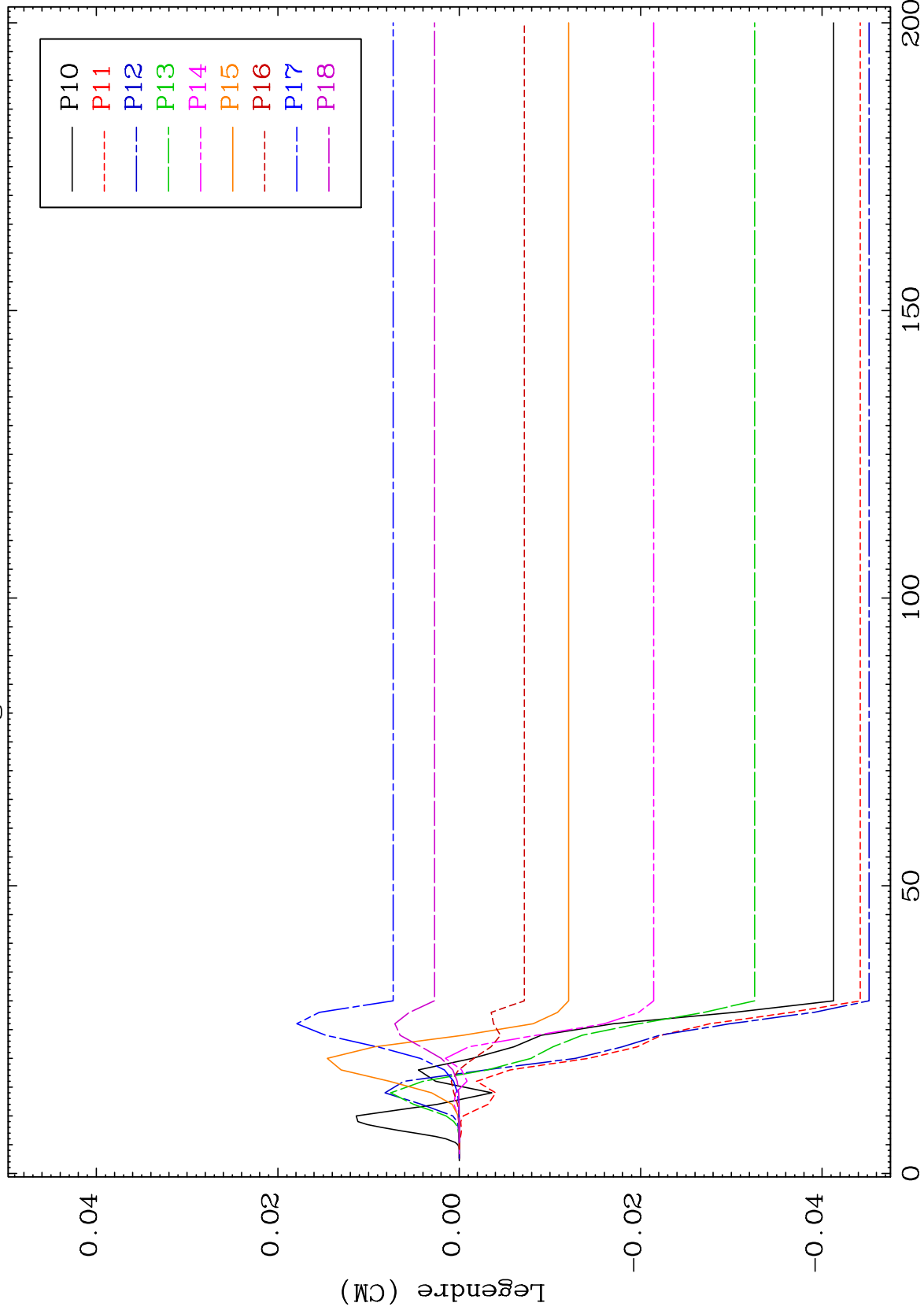
64-Gd-152

Incident Energy (MeV)

MAT 6425

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

64-Gd-152



106

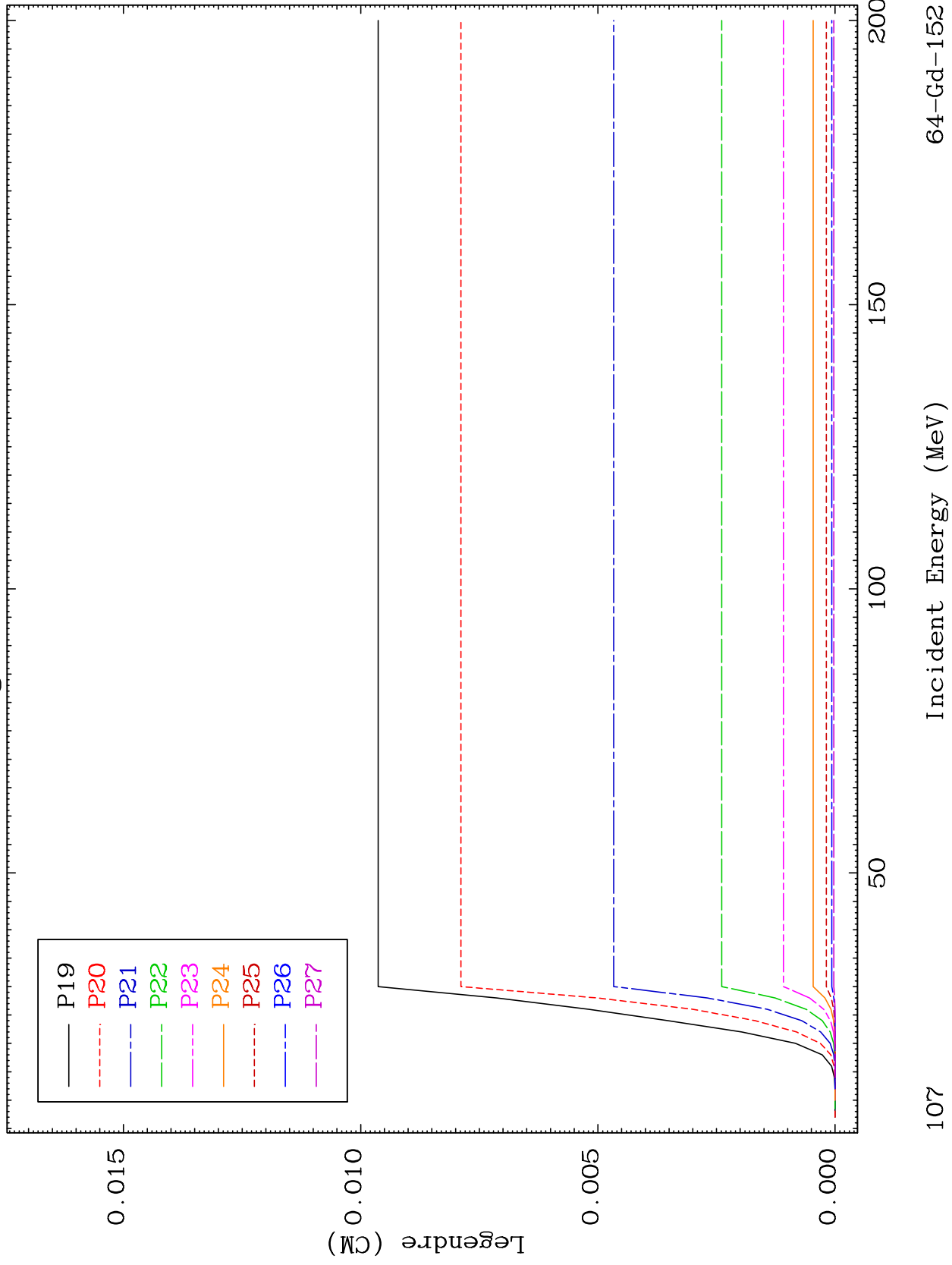
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



107

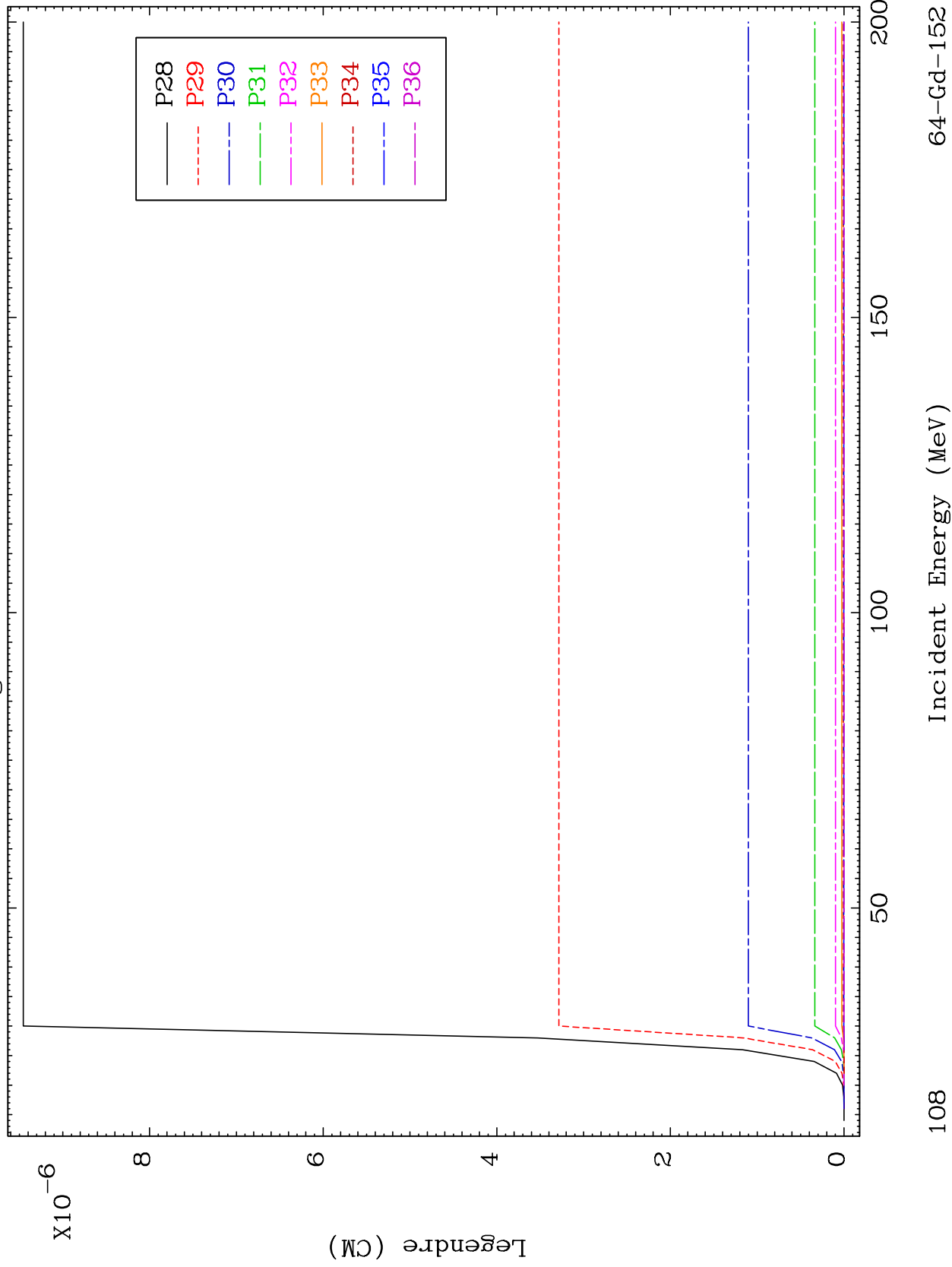
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



108

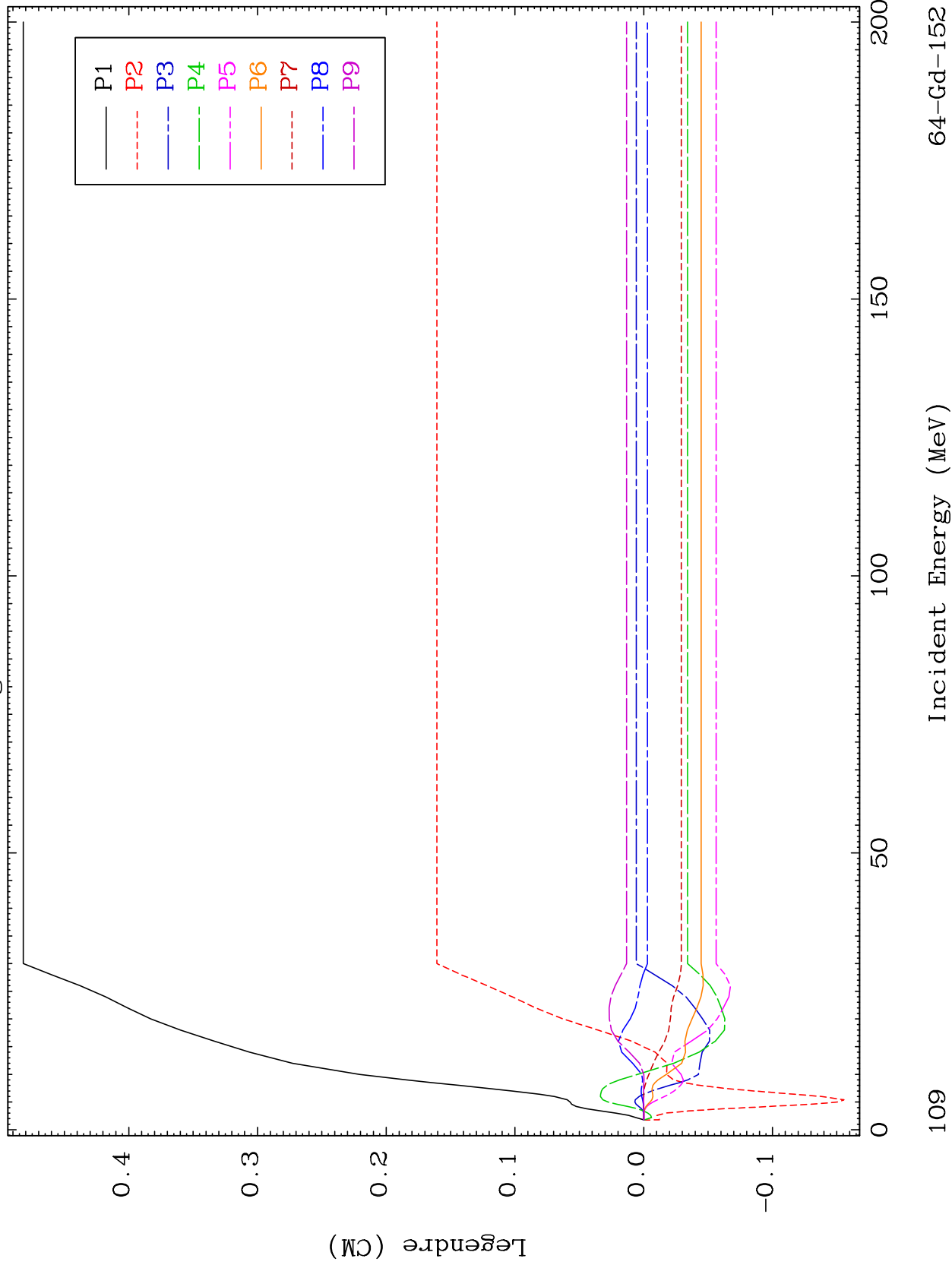
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

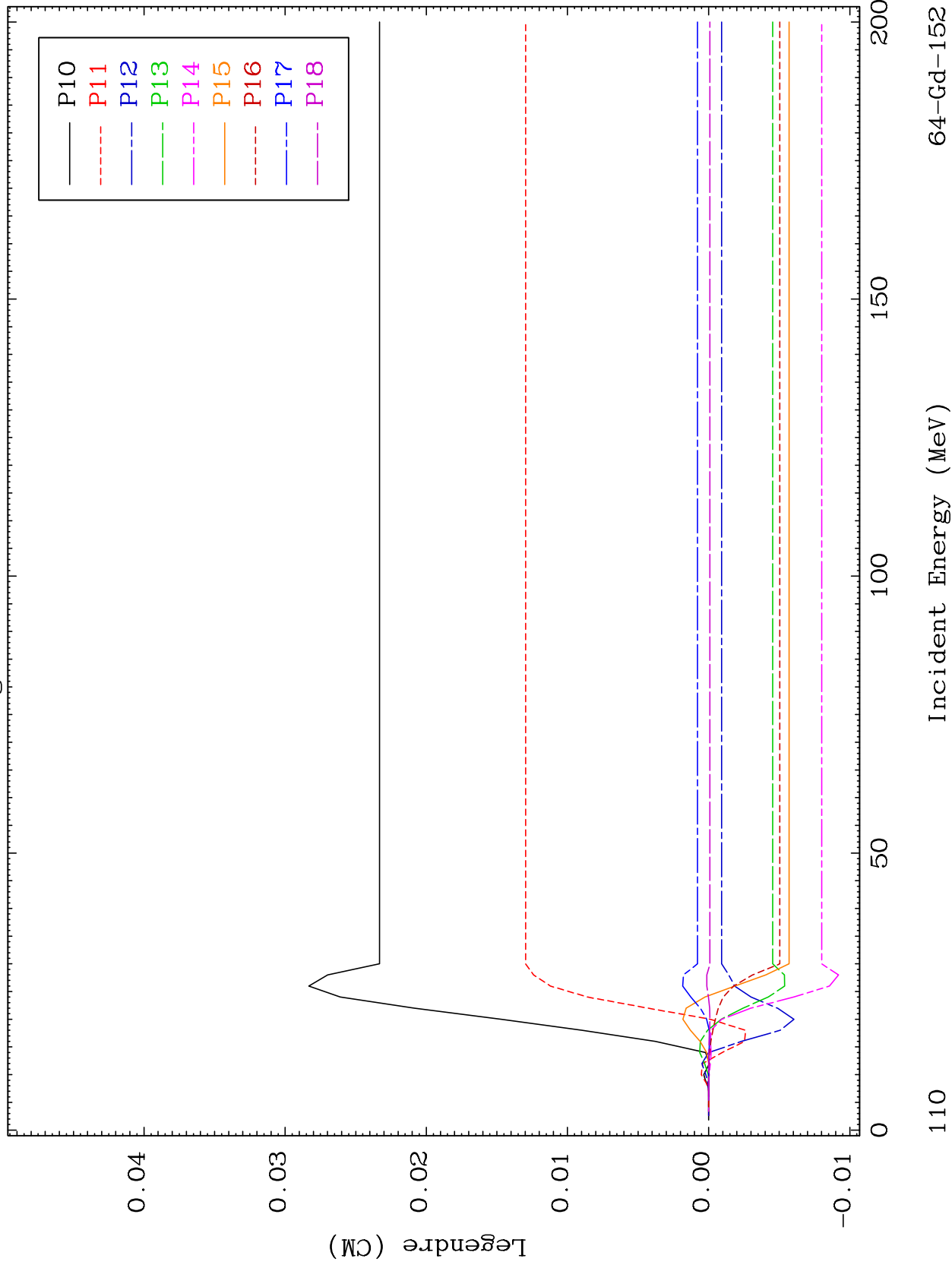
Incident Energy (MeV)

109

MAT 6425

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

64-Gd-152



64-Gd-152

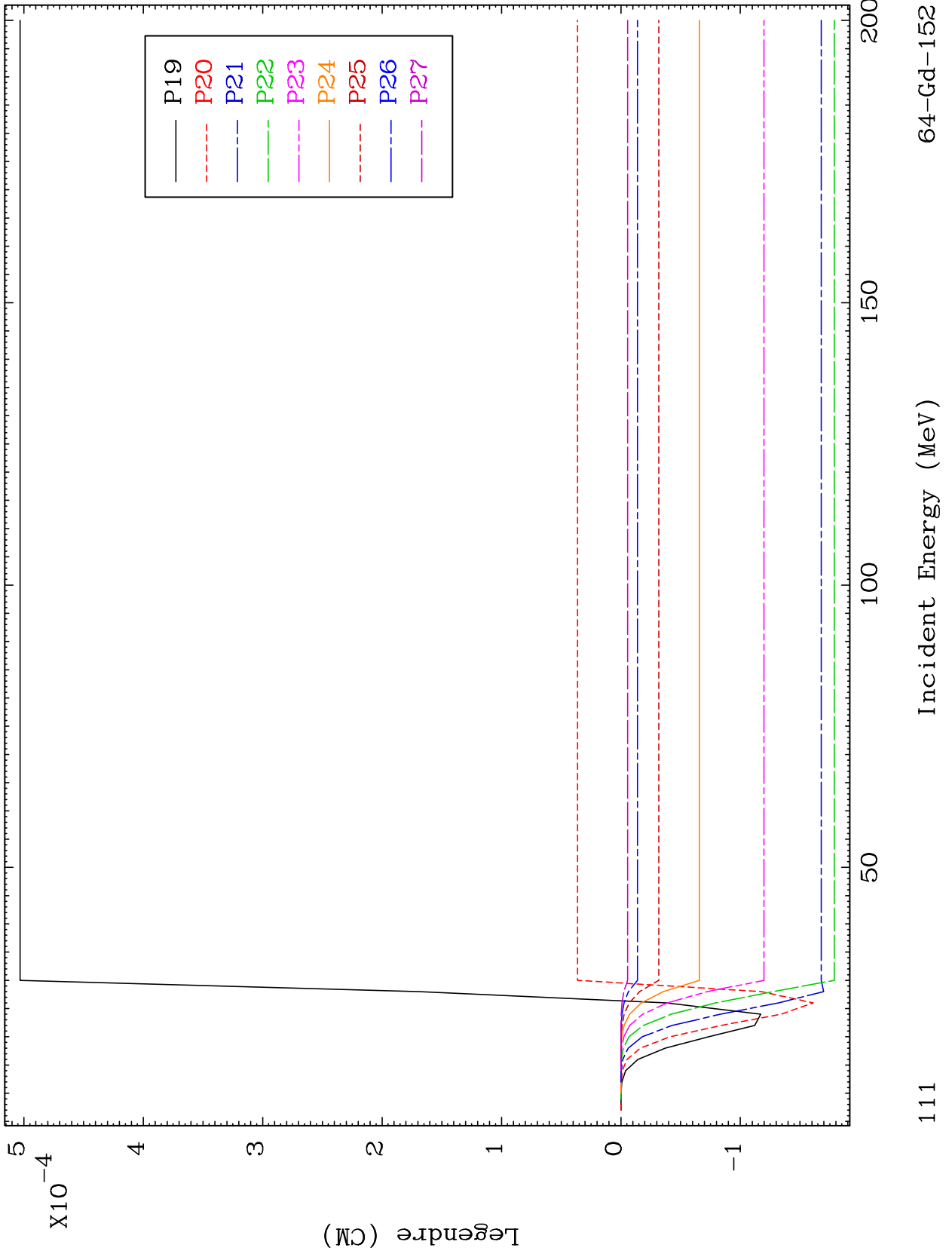
Incident Energy (MeV)

110

MAT 6425

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

64-Gd-152



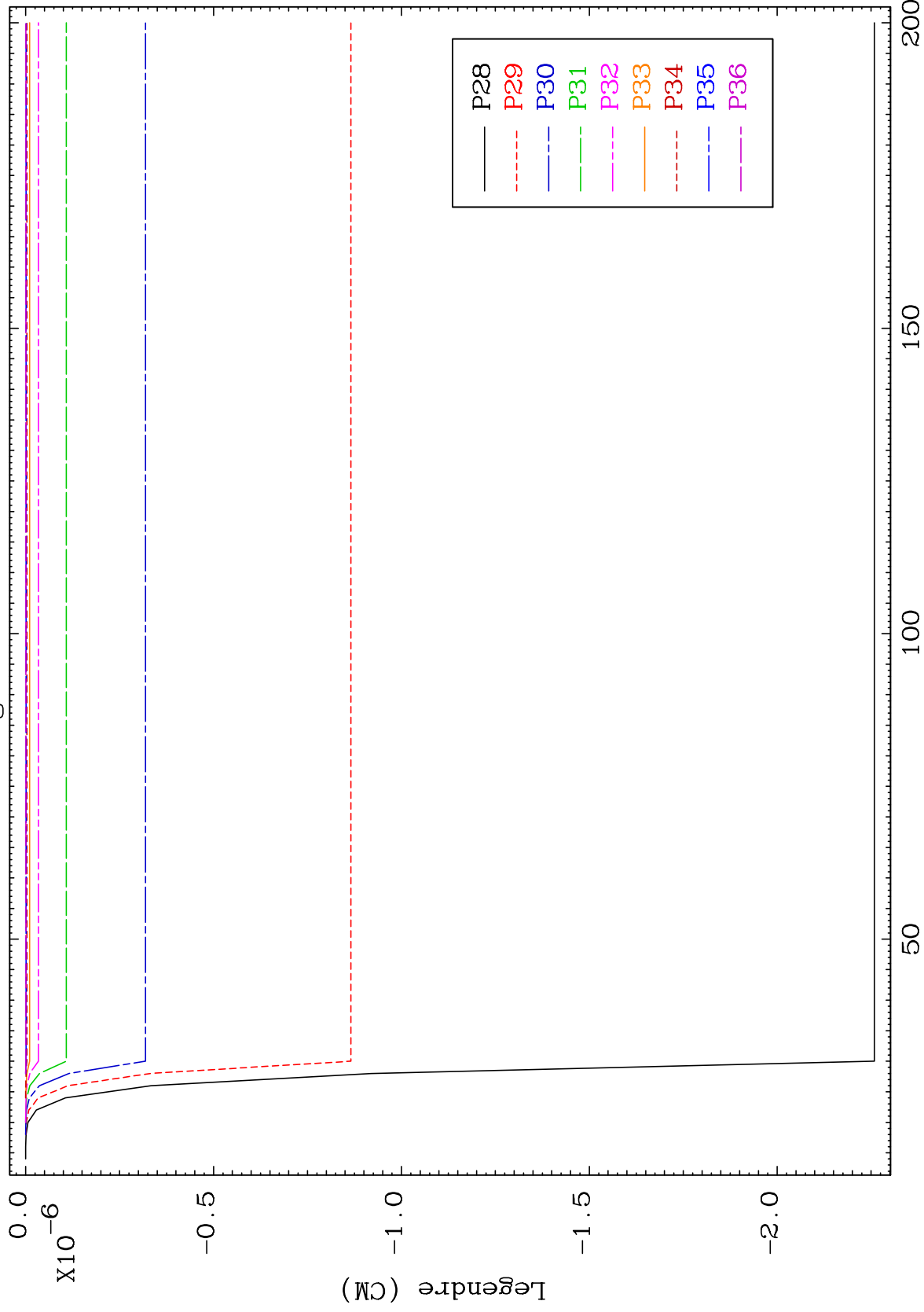
111

64-Gd-152

MAT 6425

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

64-Gd-152



112

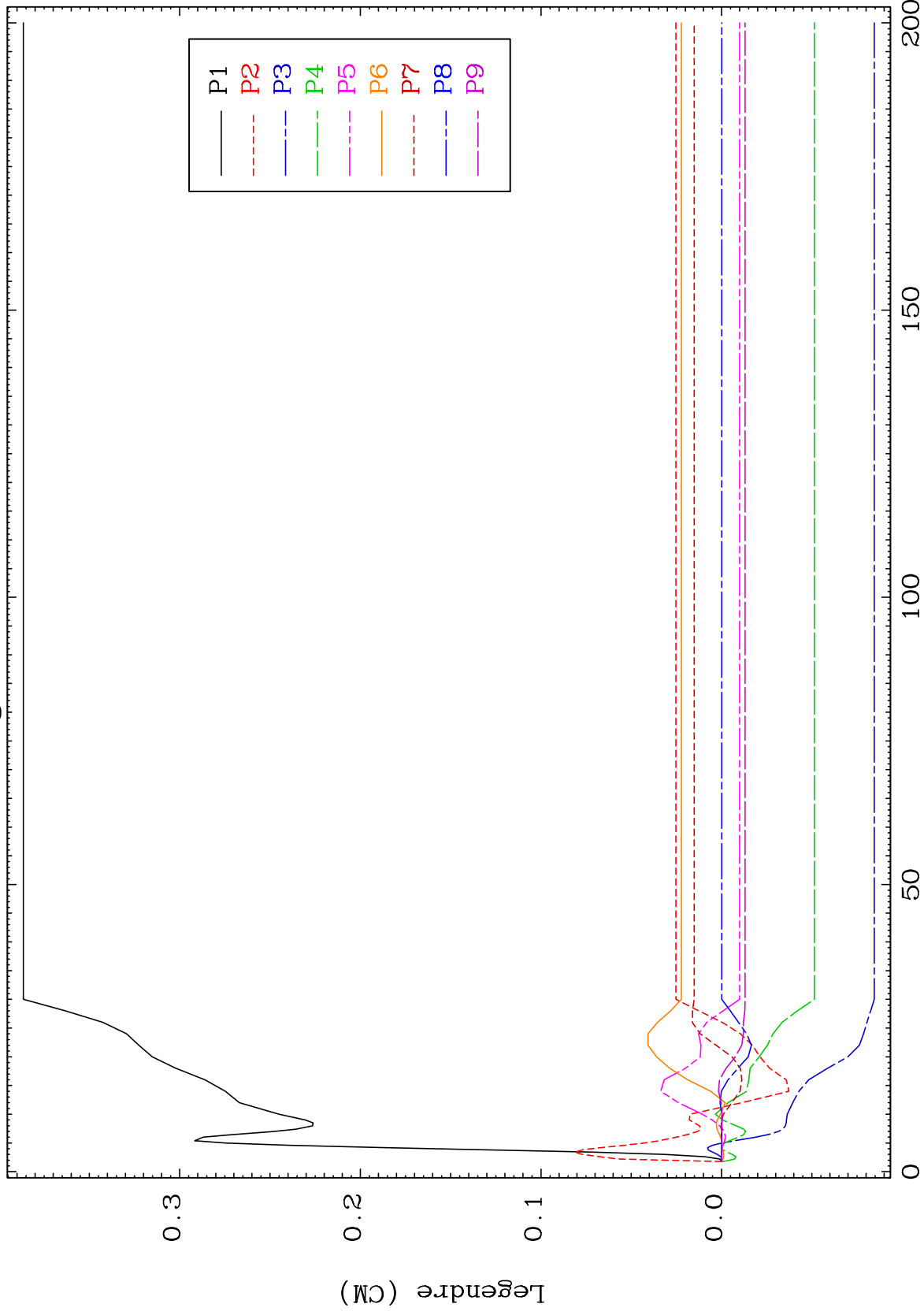
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



113

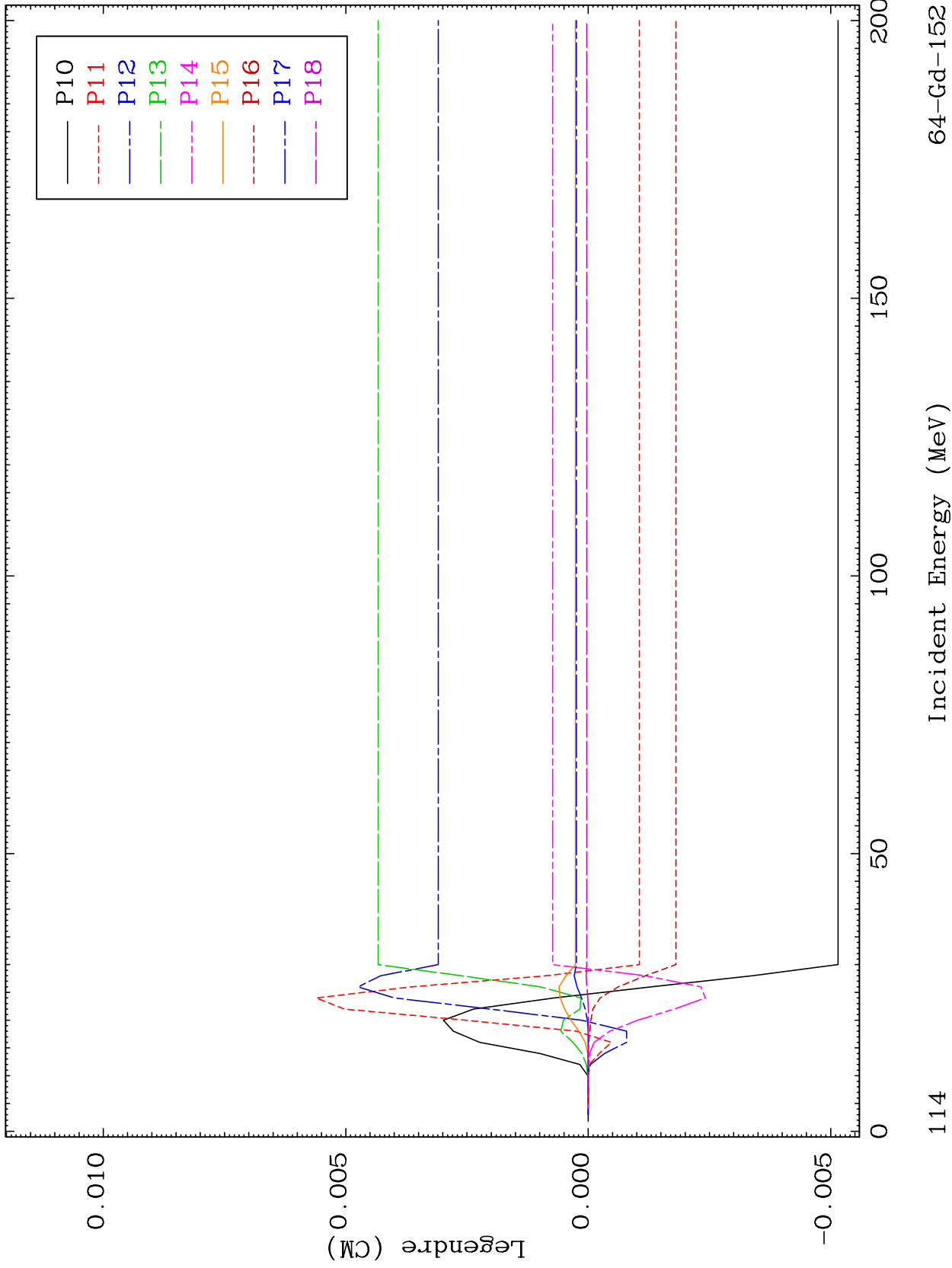
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



114

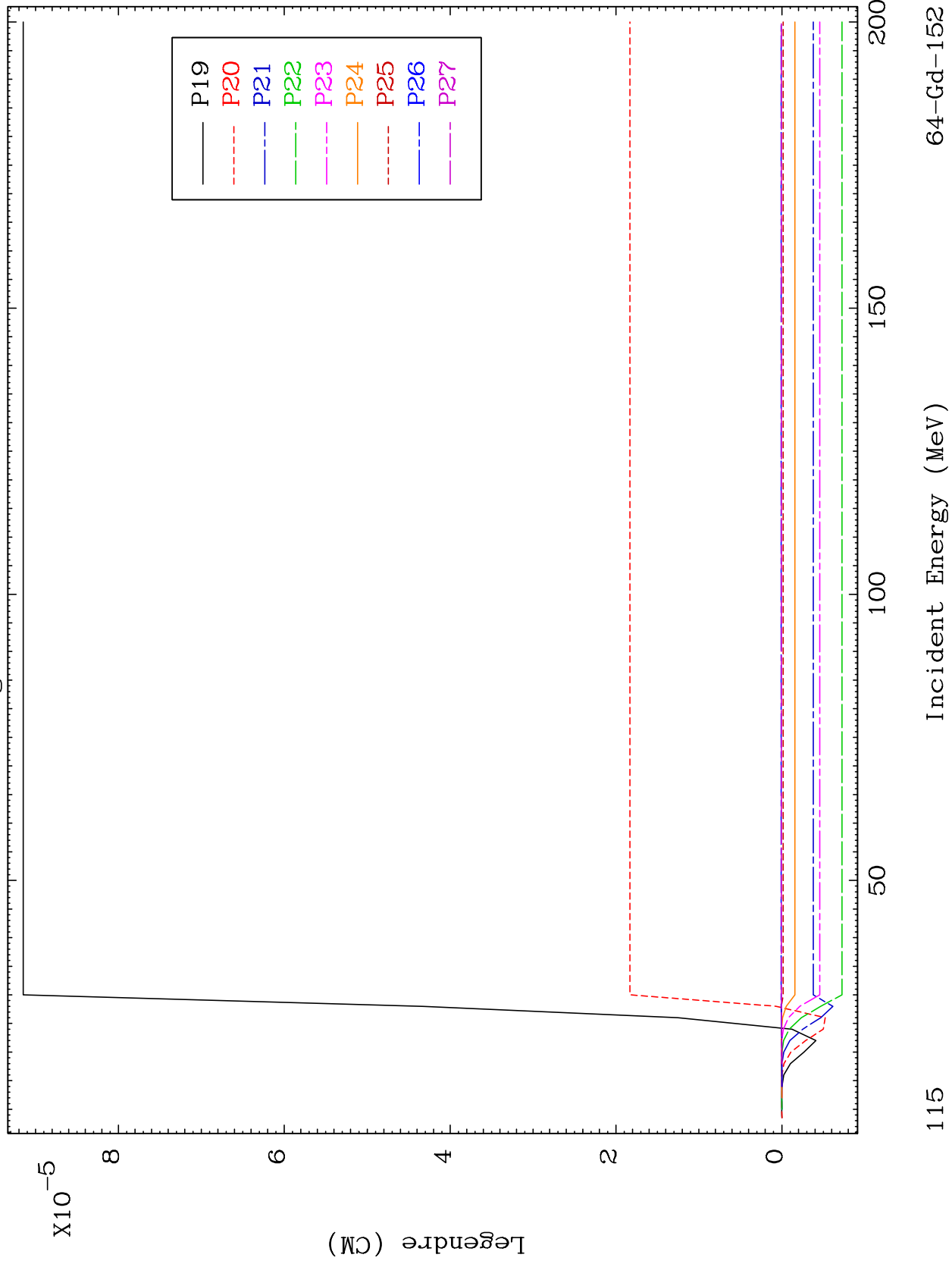
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

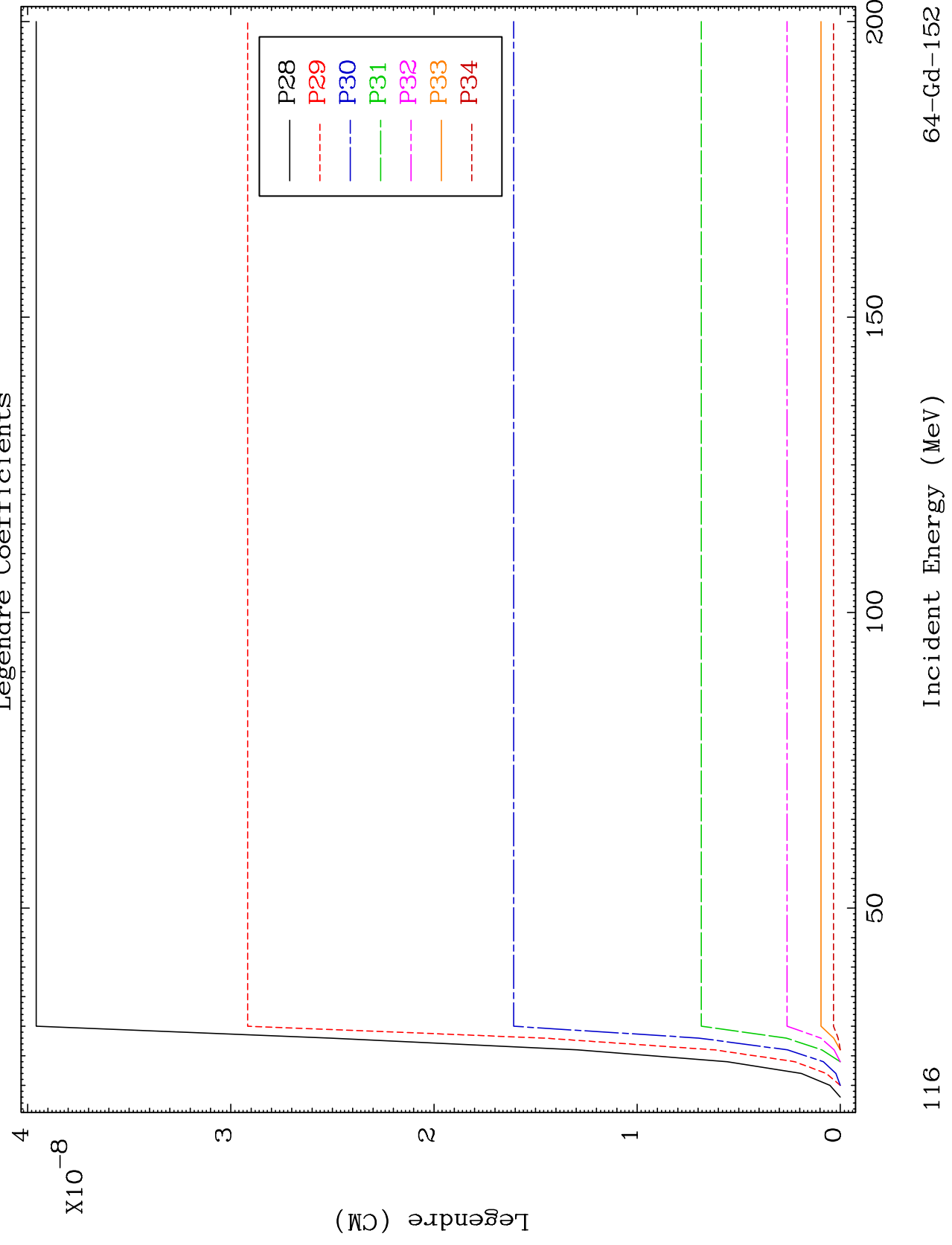
Incident Energy (MeV)

115

MAT 6425

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

64-Gd-152



116

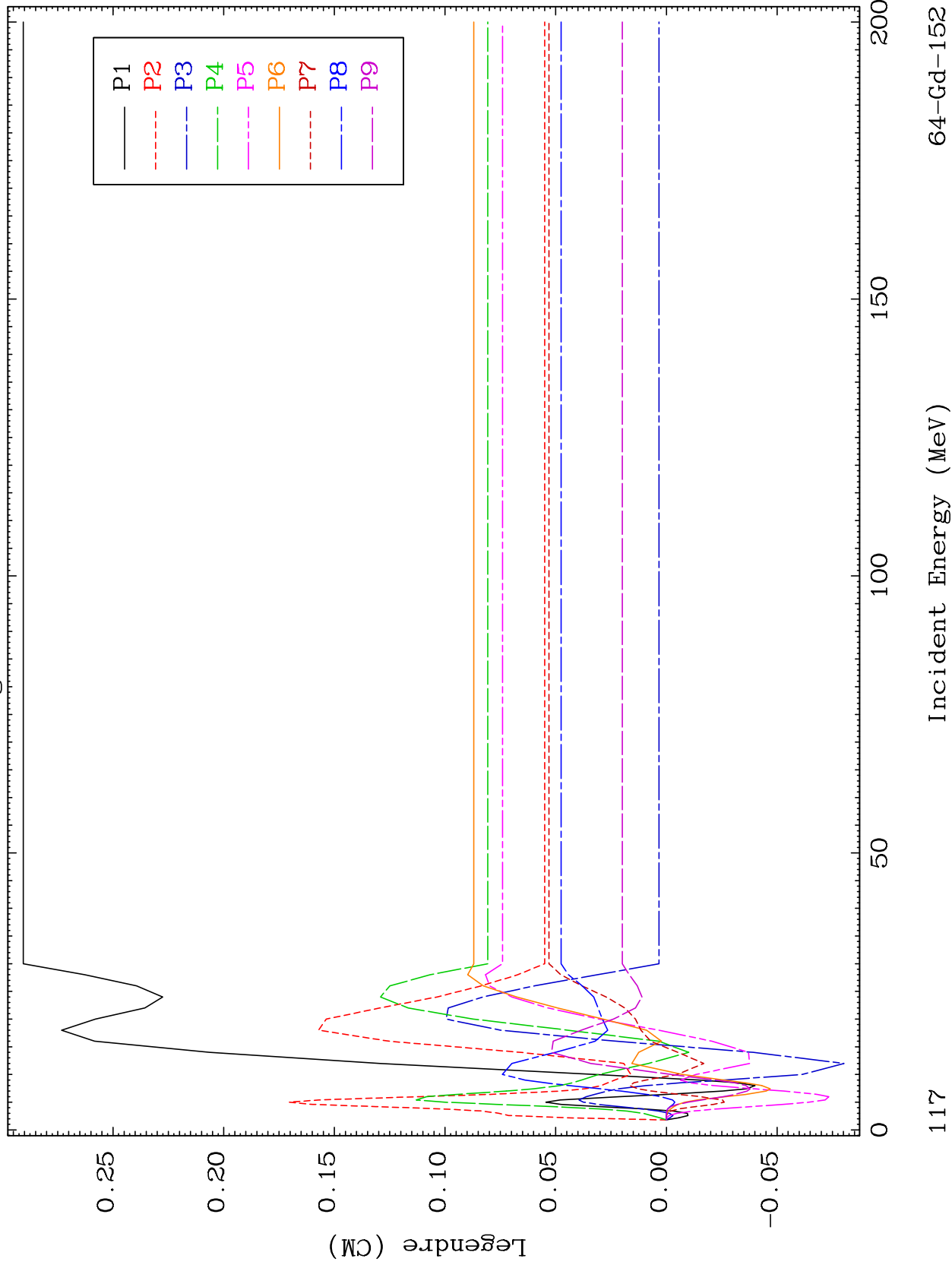
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



117

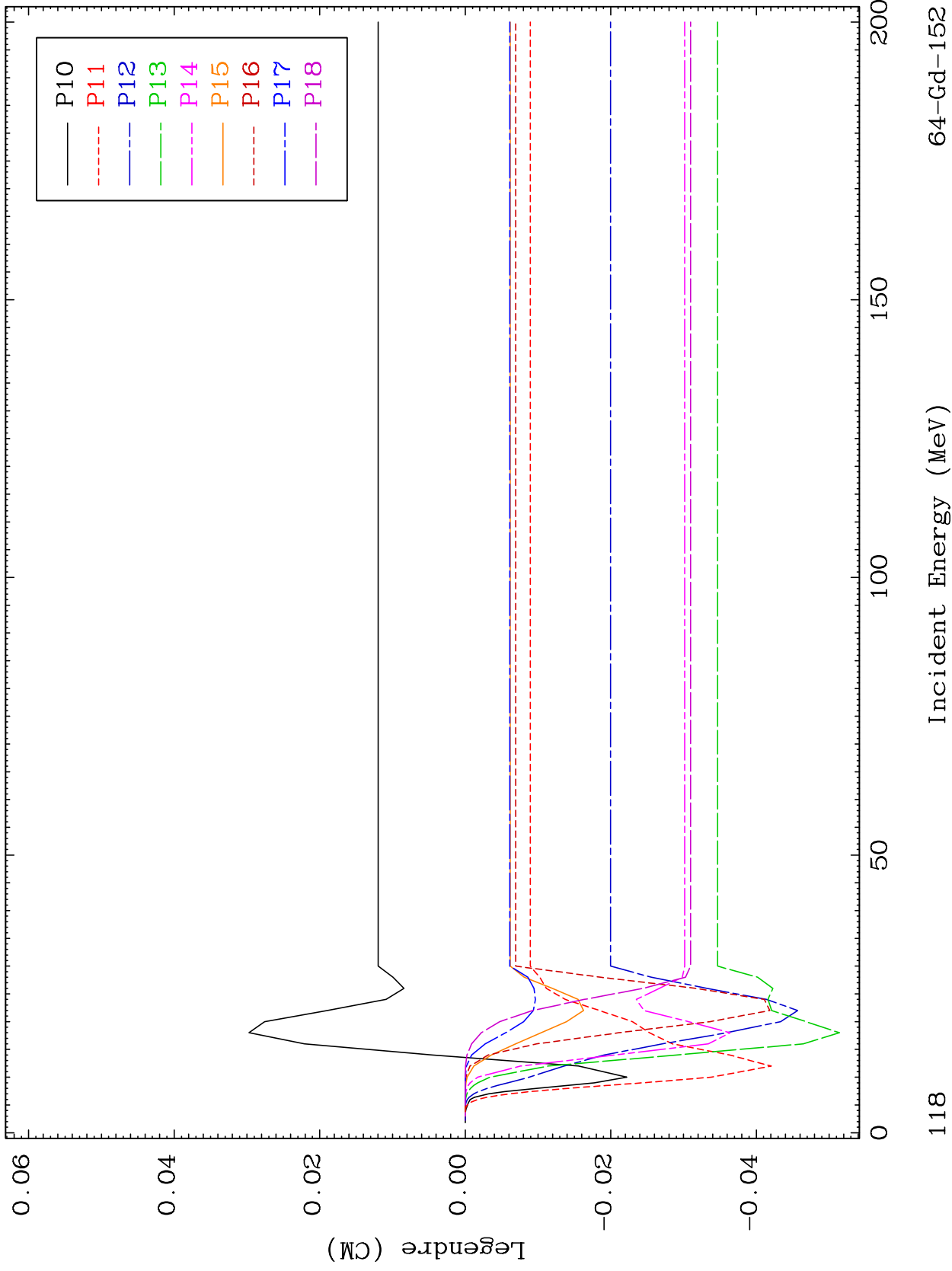
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



118

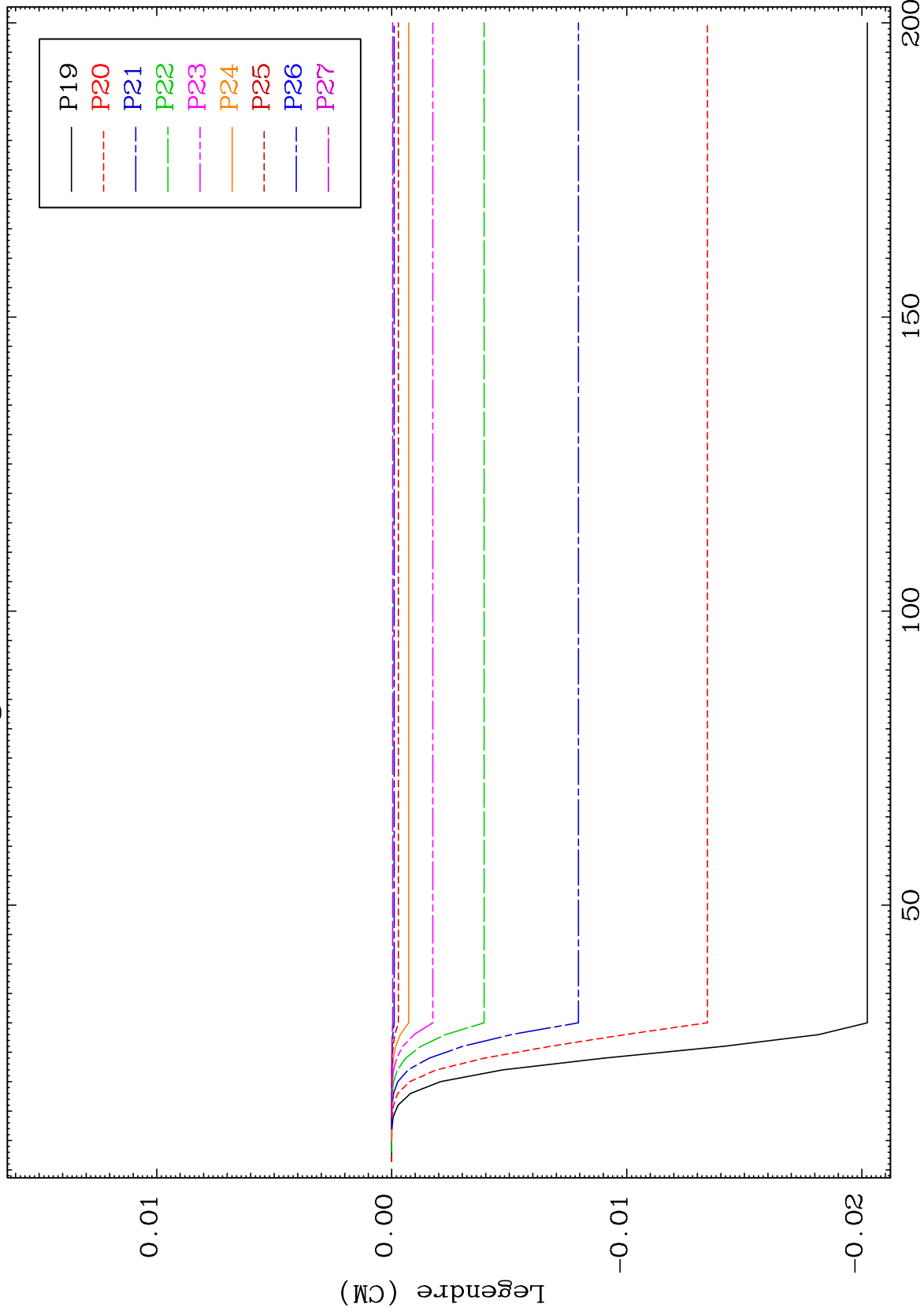
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

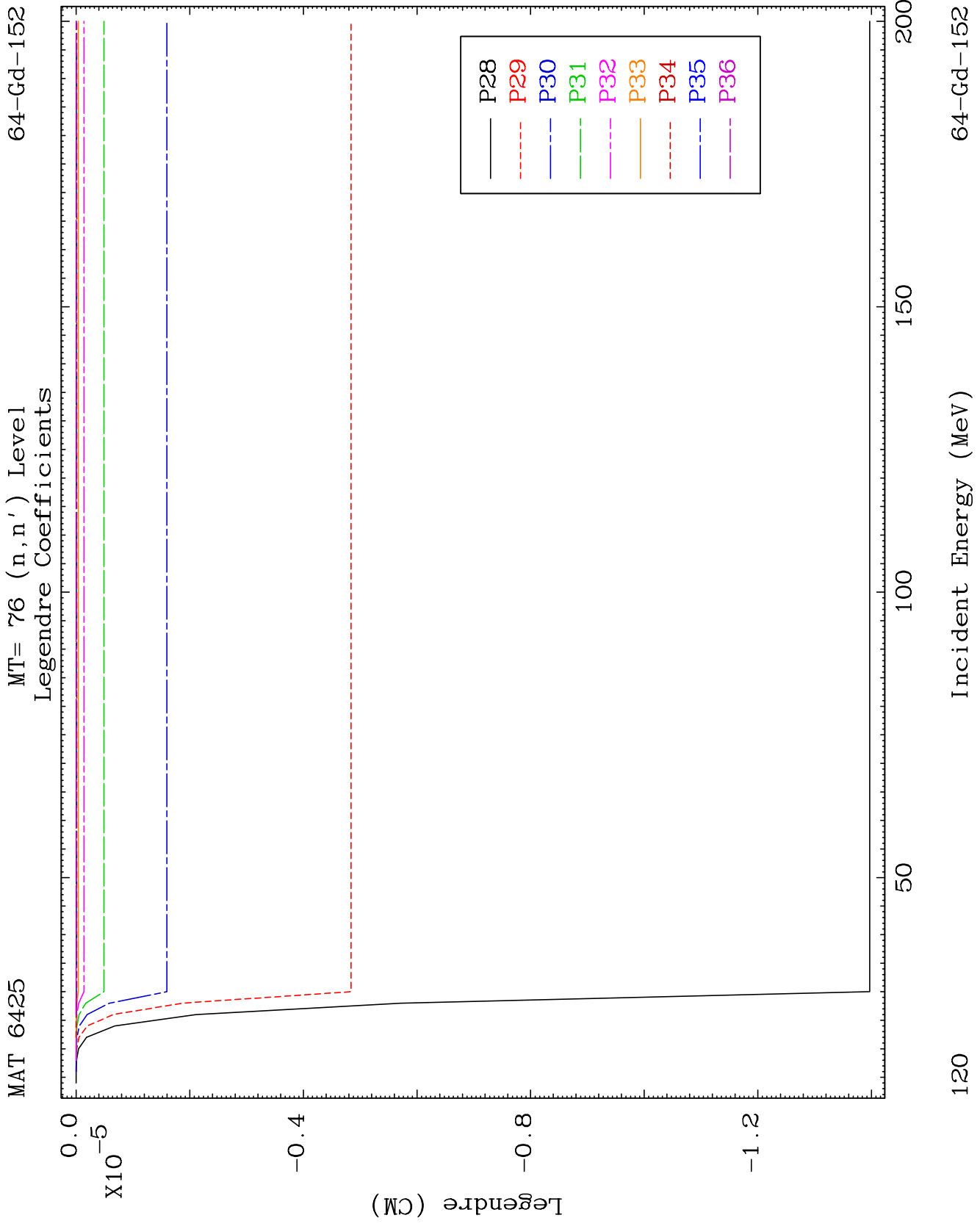
64-Gd-152



119

Incident Energy (MeV)

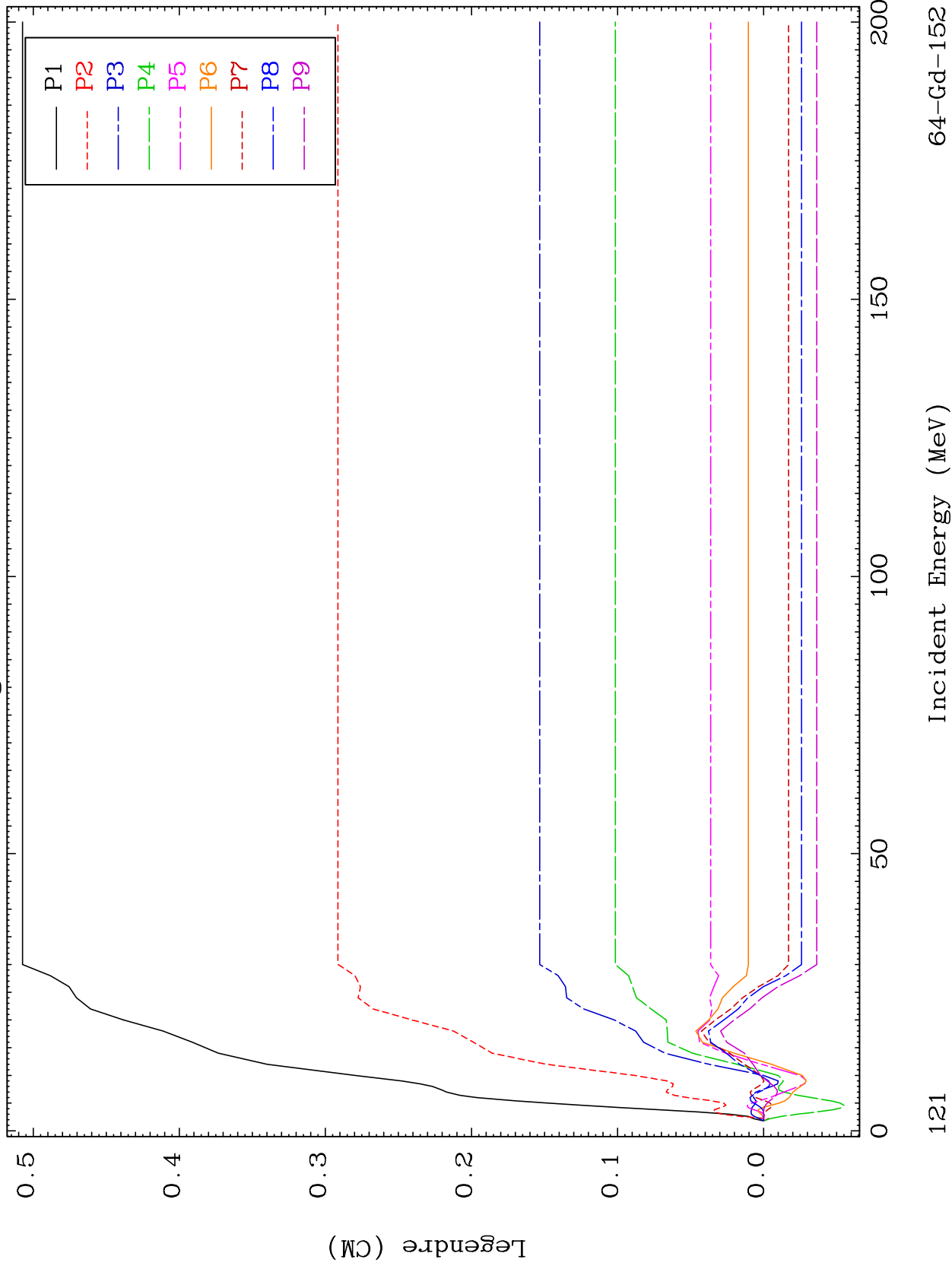
64-Gd-152



MAT 6425

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

64-Gd-152

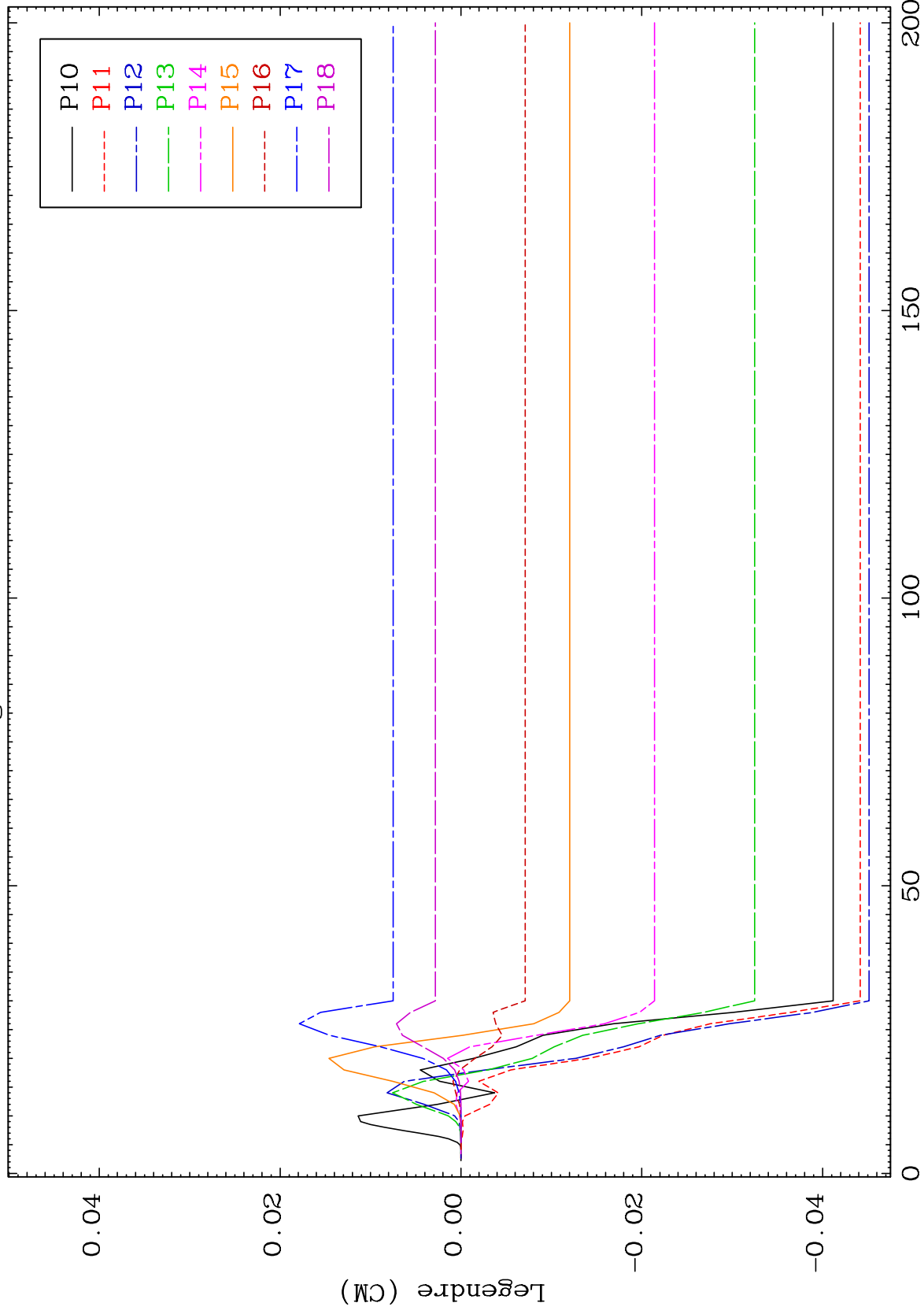


121

MAT 6425

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

64-Gd-152



122

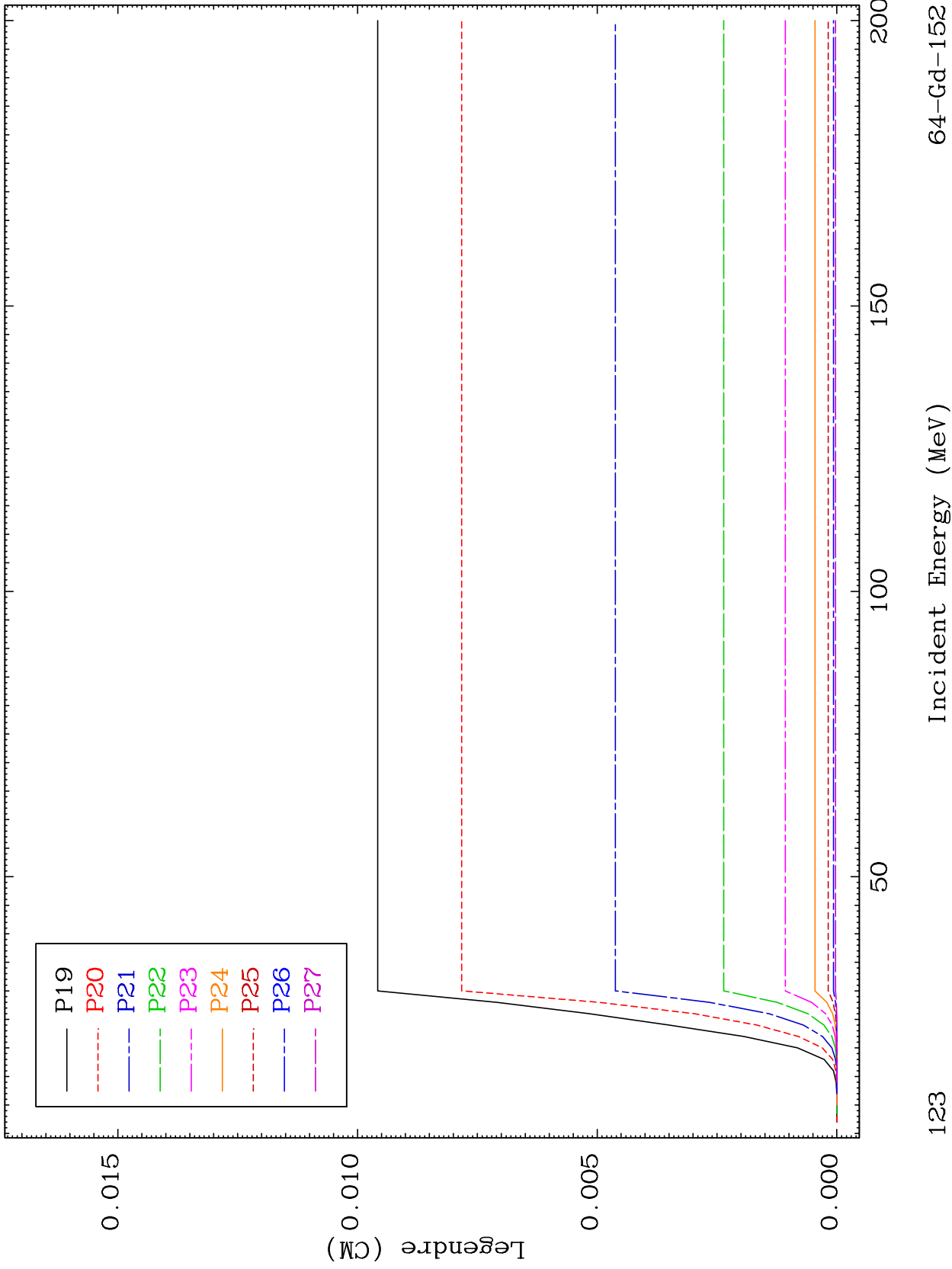
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



123

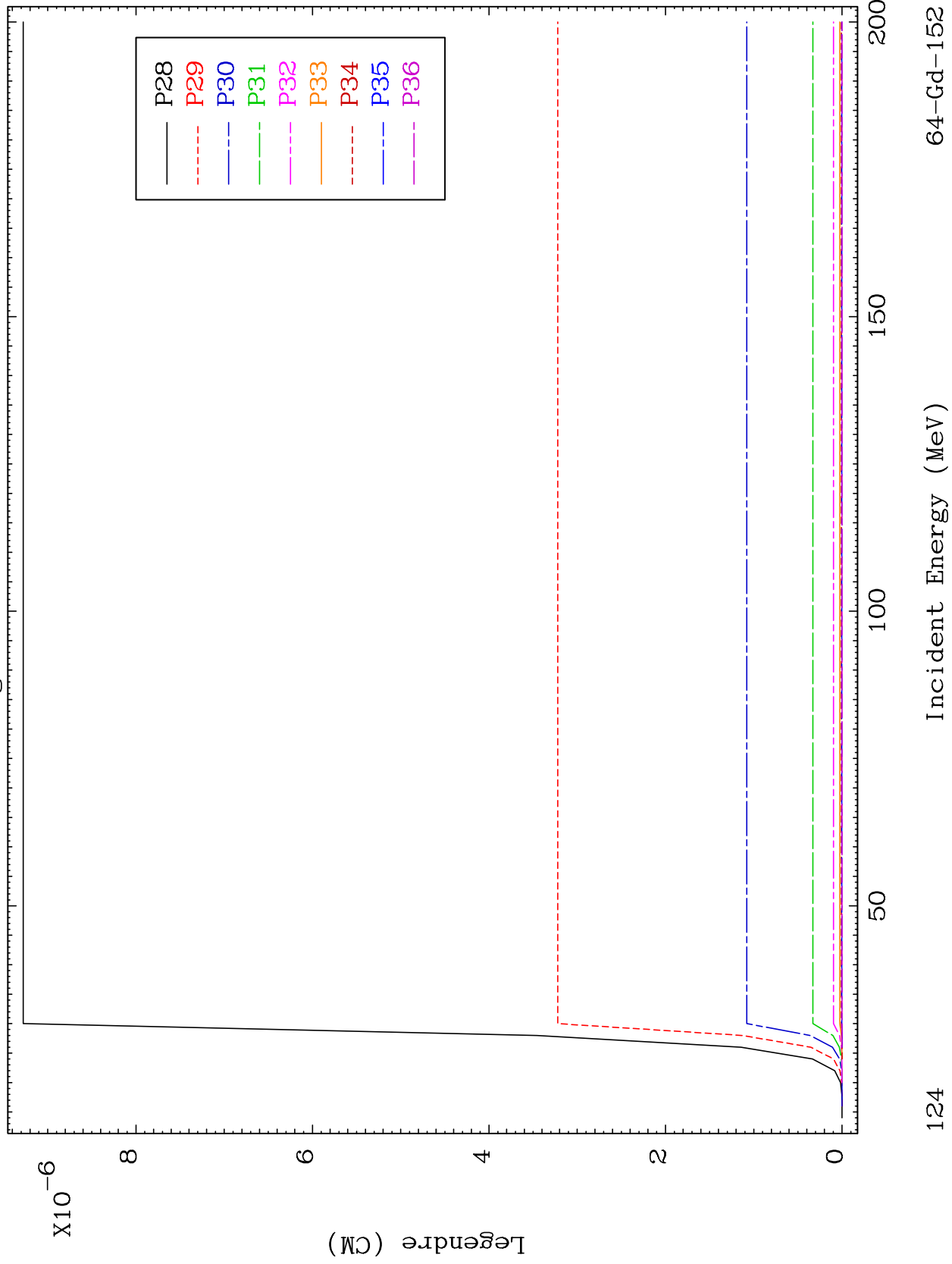
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



124

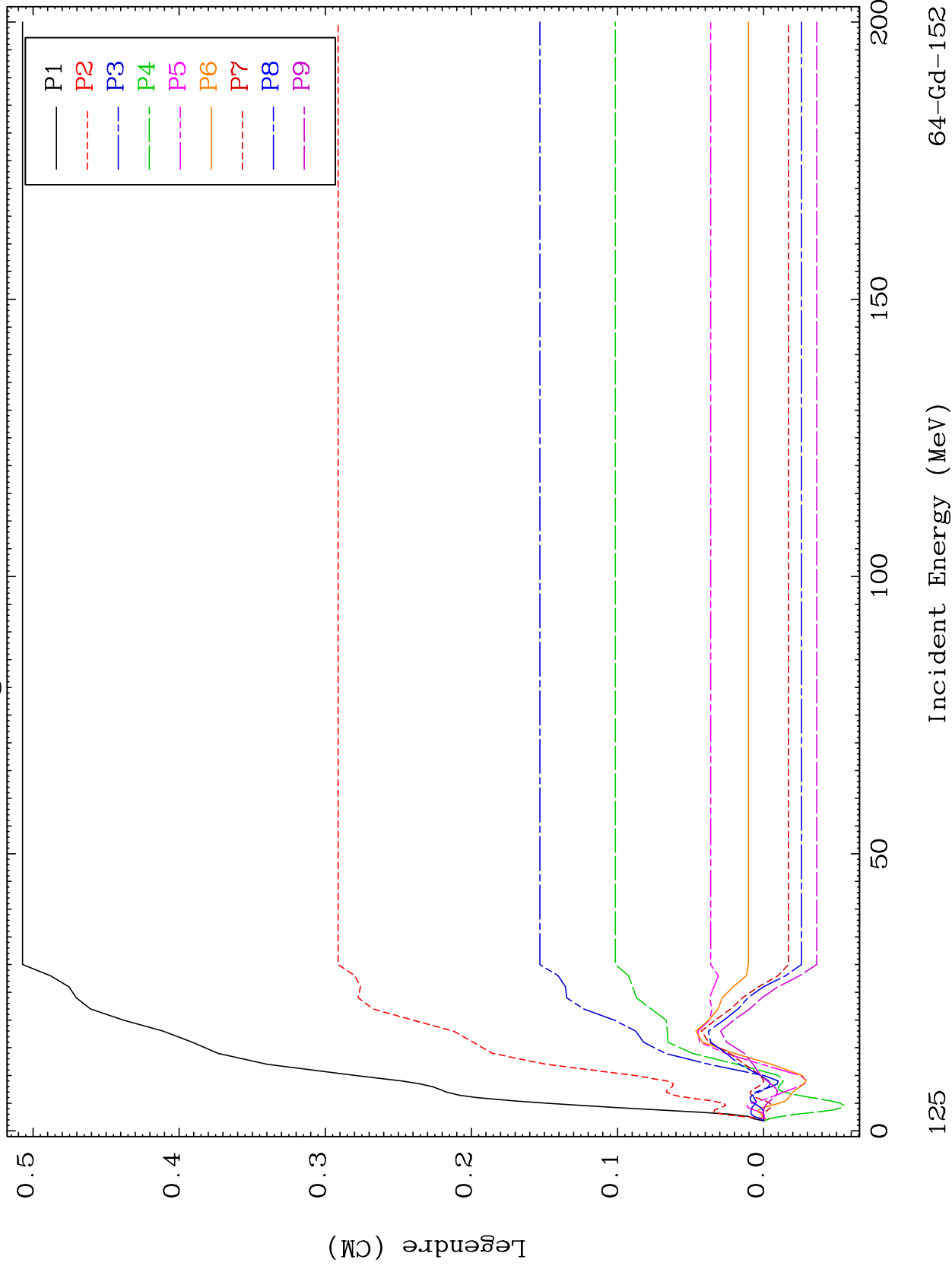
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

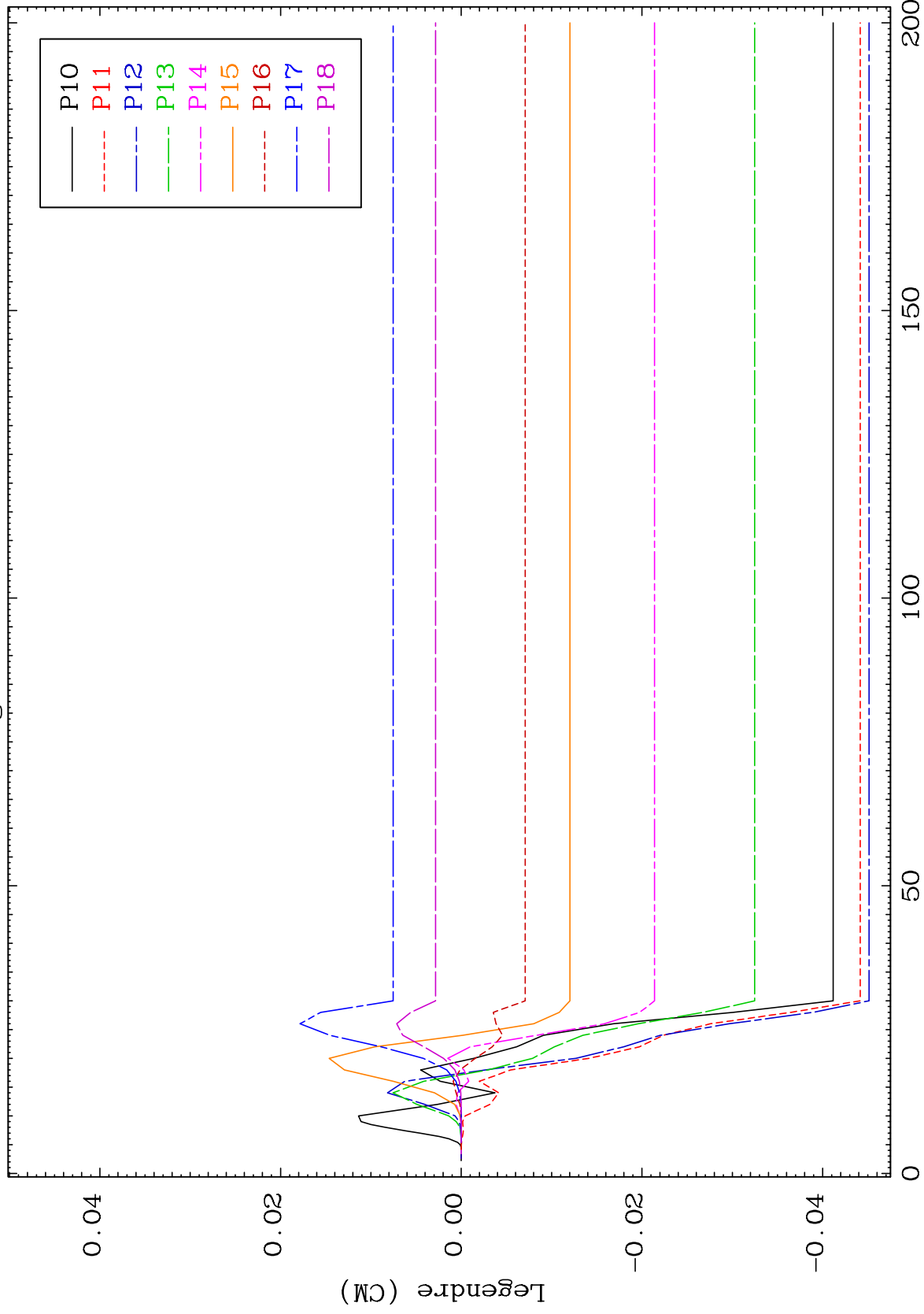
Incident Energy (MeV)

125

MAT 6425

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

64-Gd-152



126

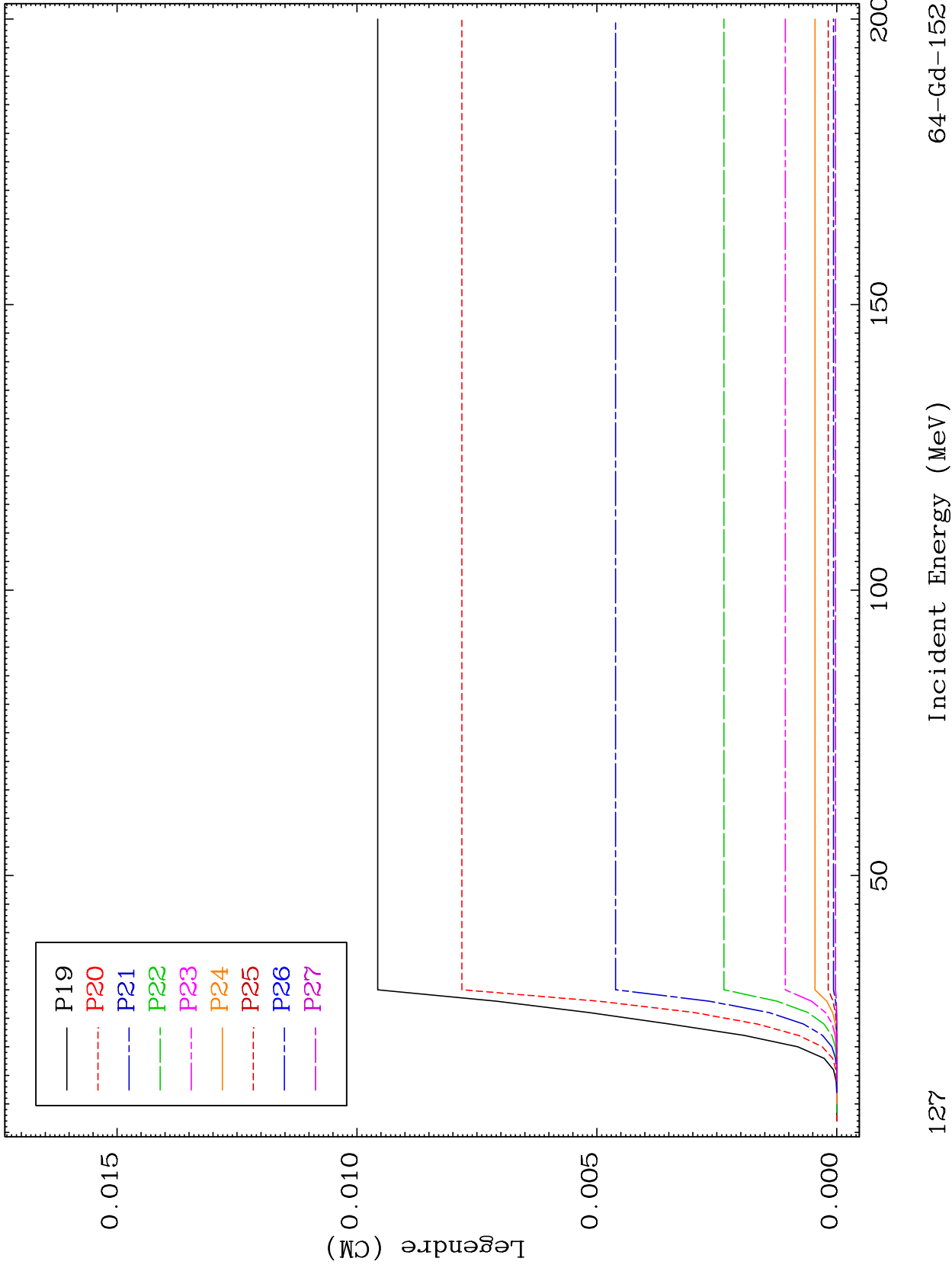
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152

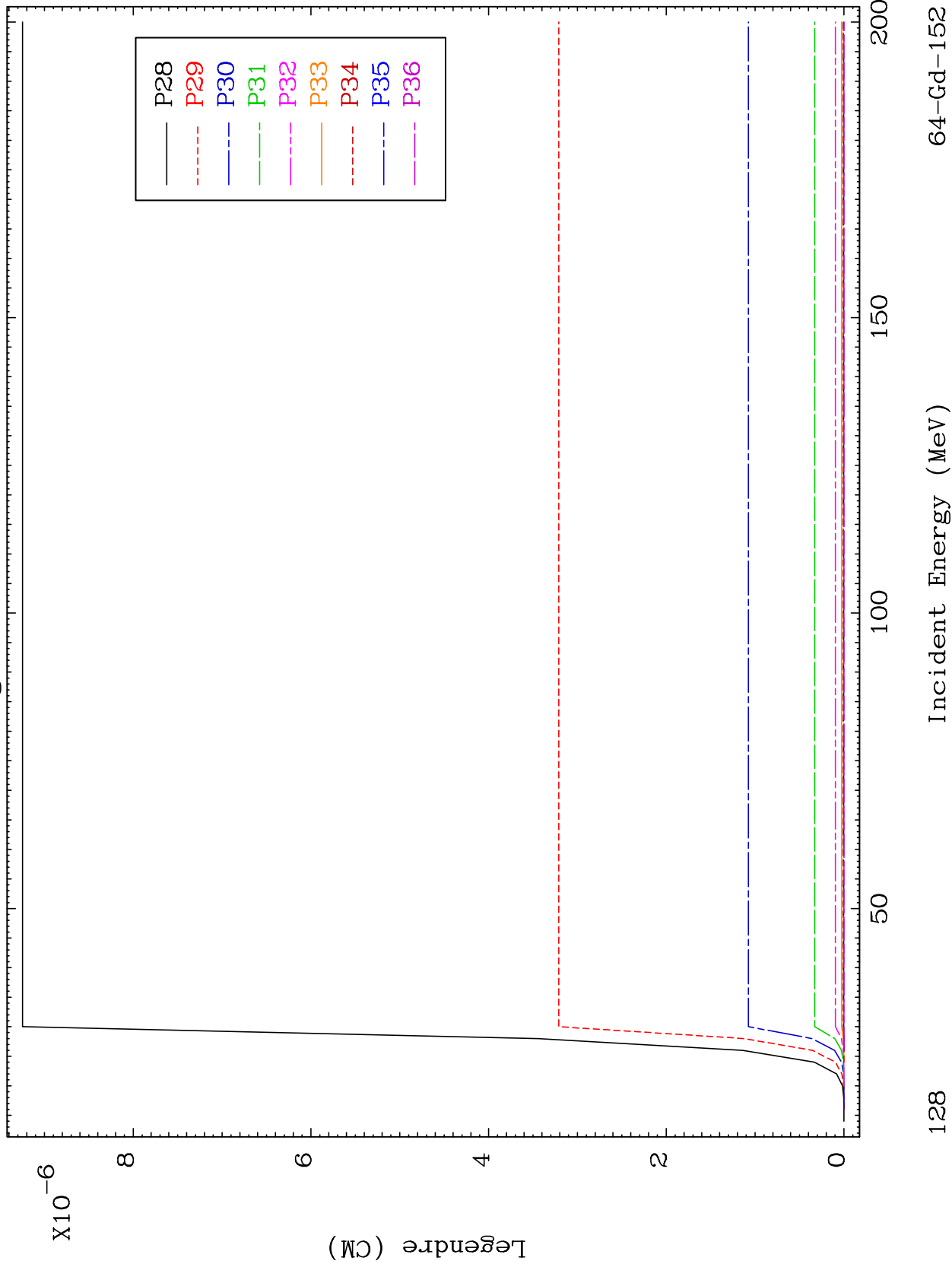


127

MAT 6425

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

64-Gd-152



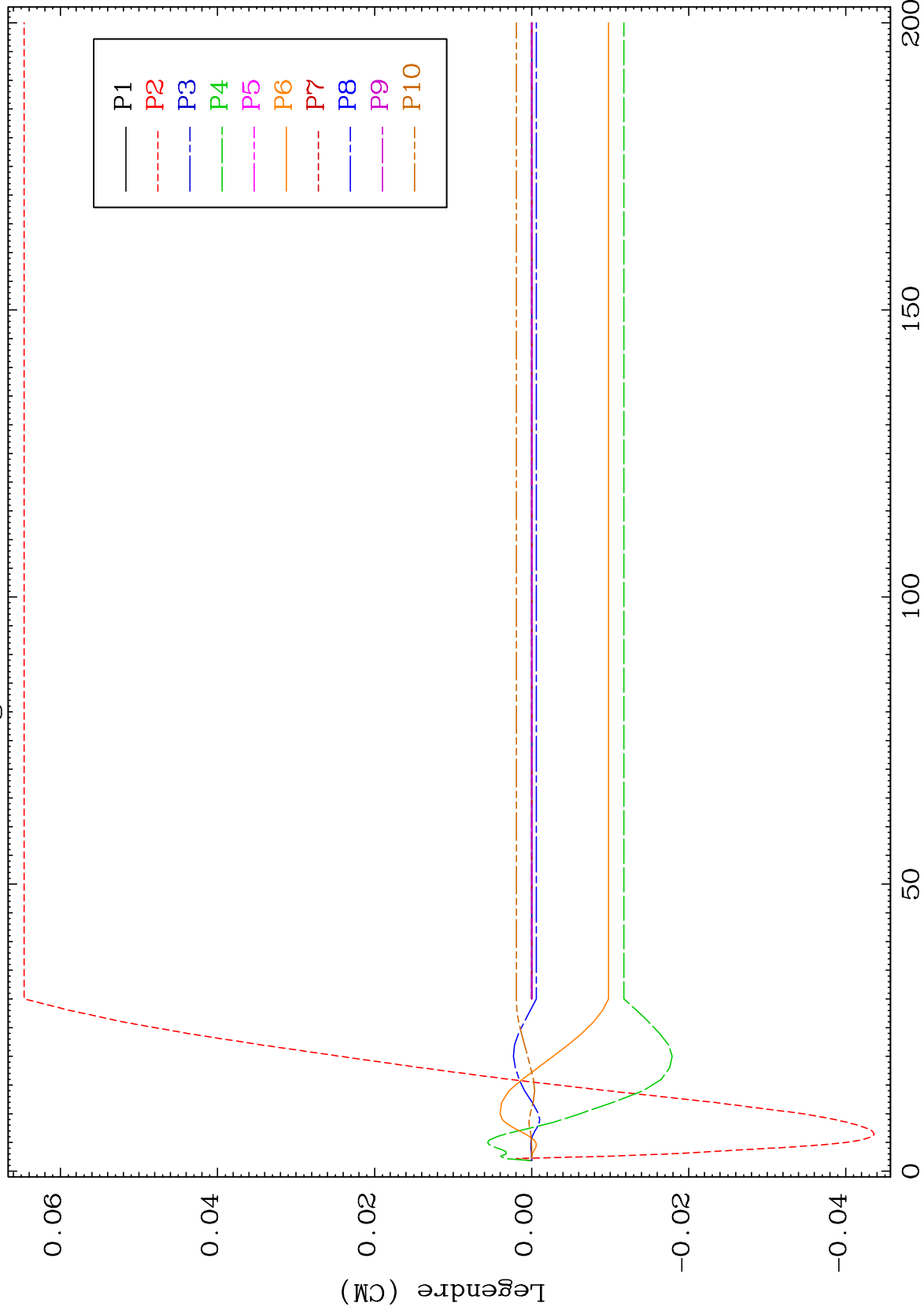
128

64-Gd-152

MAT 6425

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

64-Gd-152



129

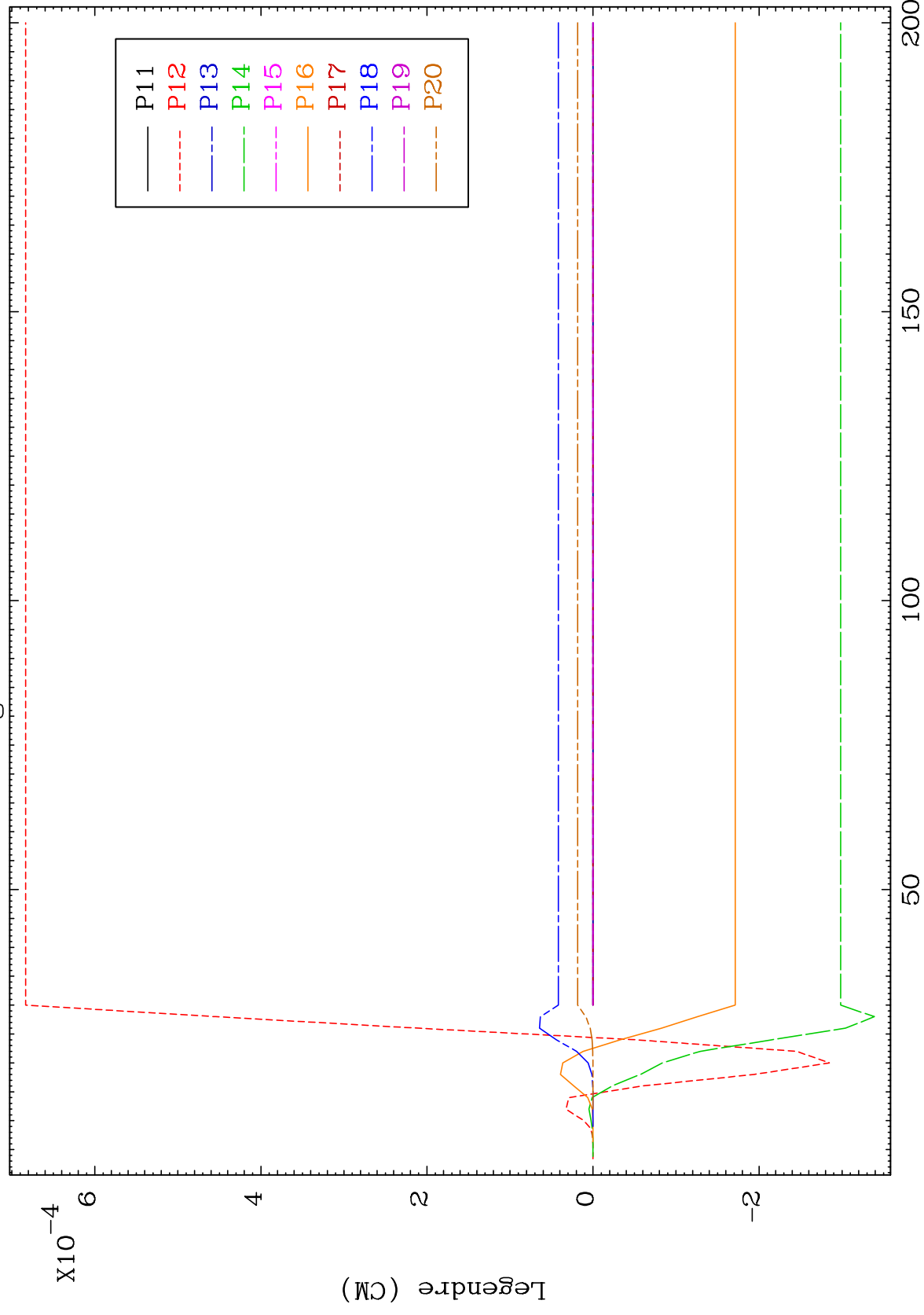
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

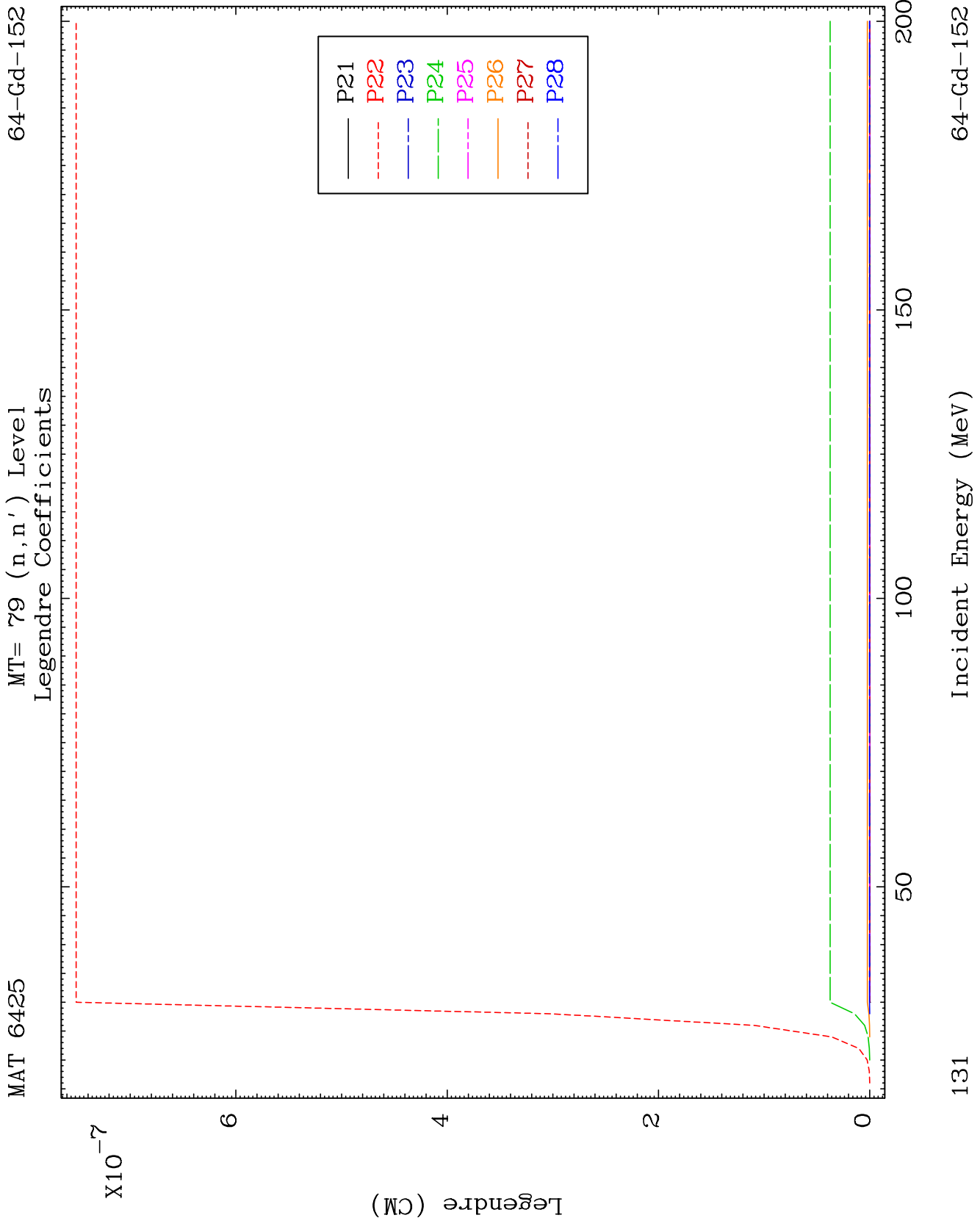
64-Gd-152

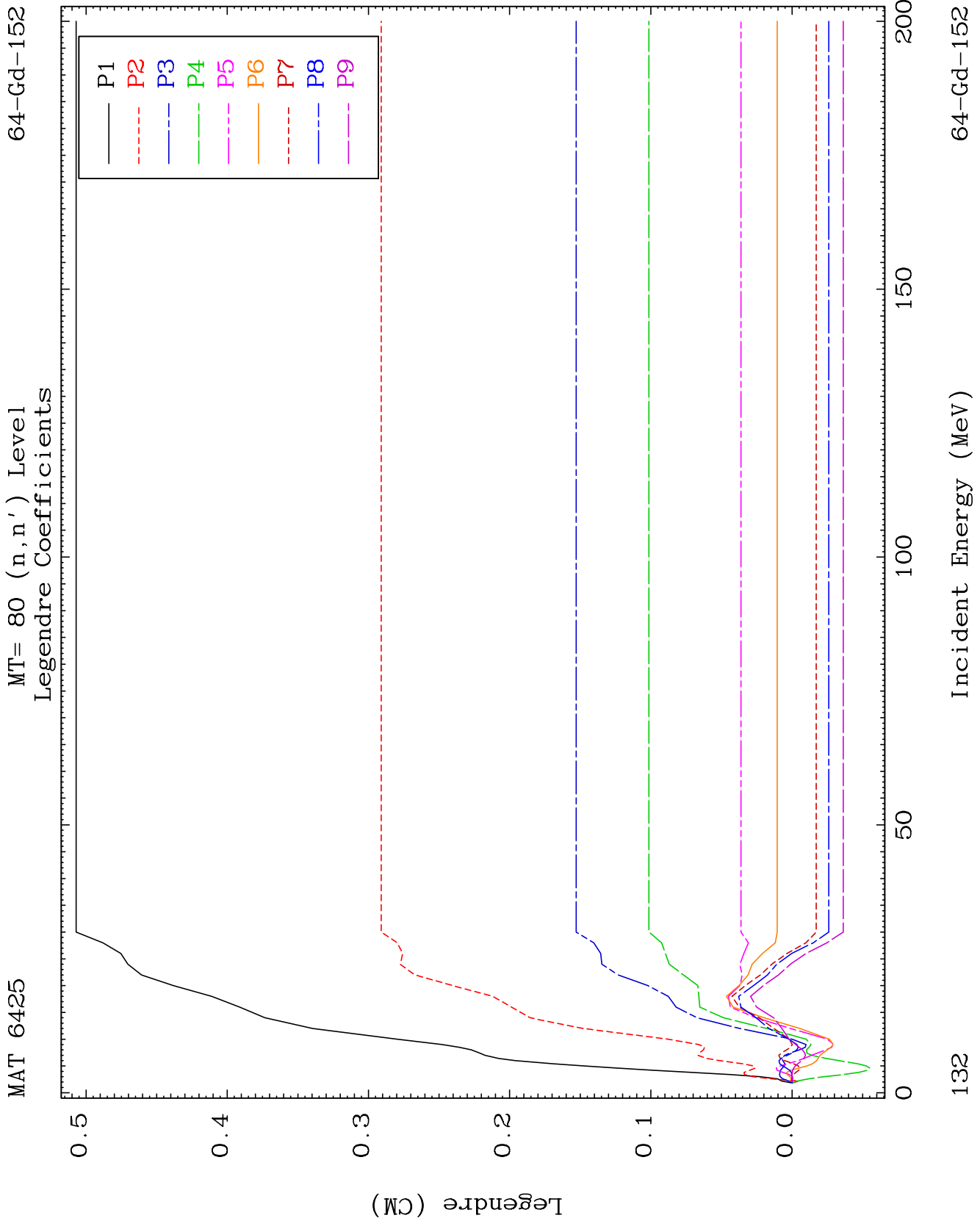


130

Incident Energy (MeV)

64-Gd-152





64-Gd-152

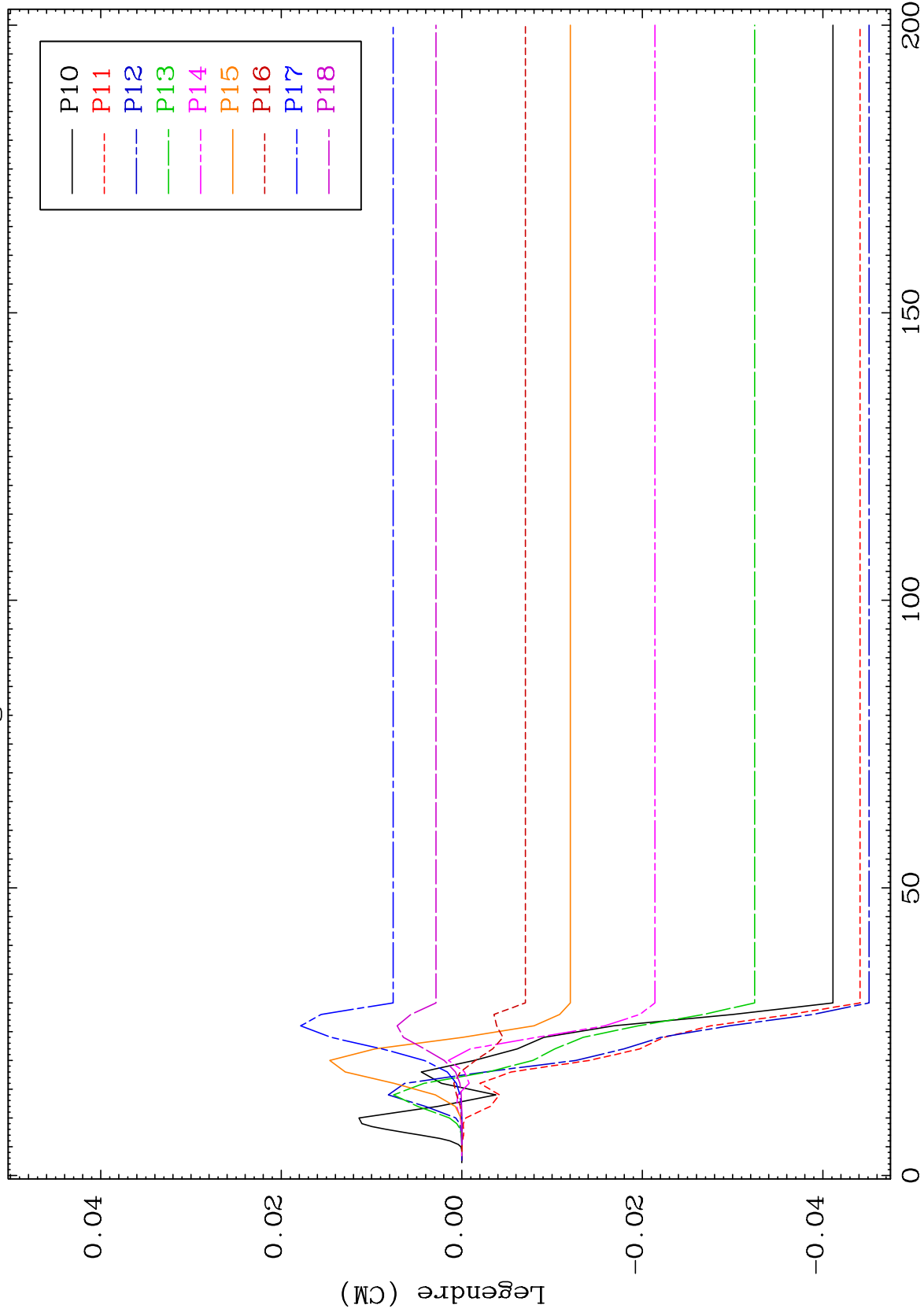
Incident Energy (MeV)

132

MAT 6425

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

64-Gd-152



133

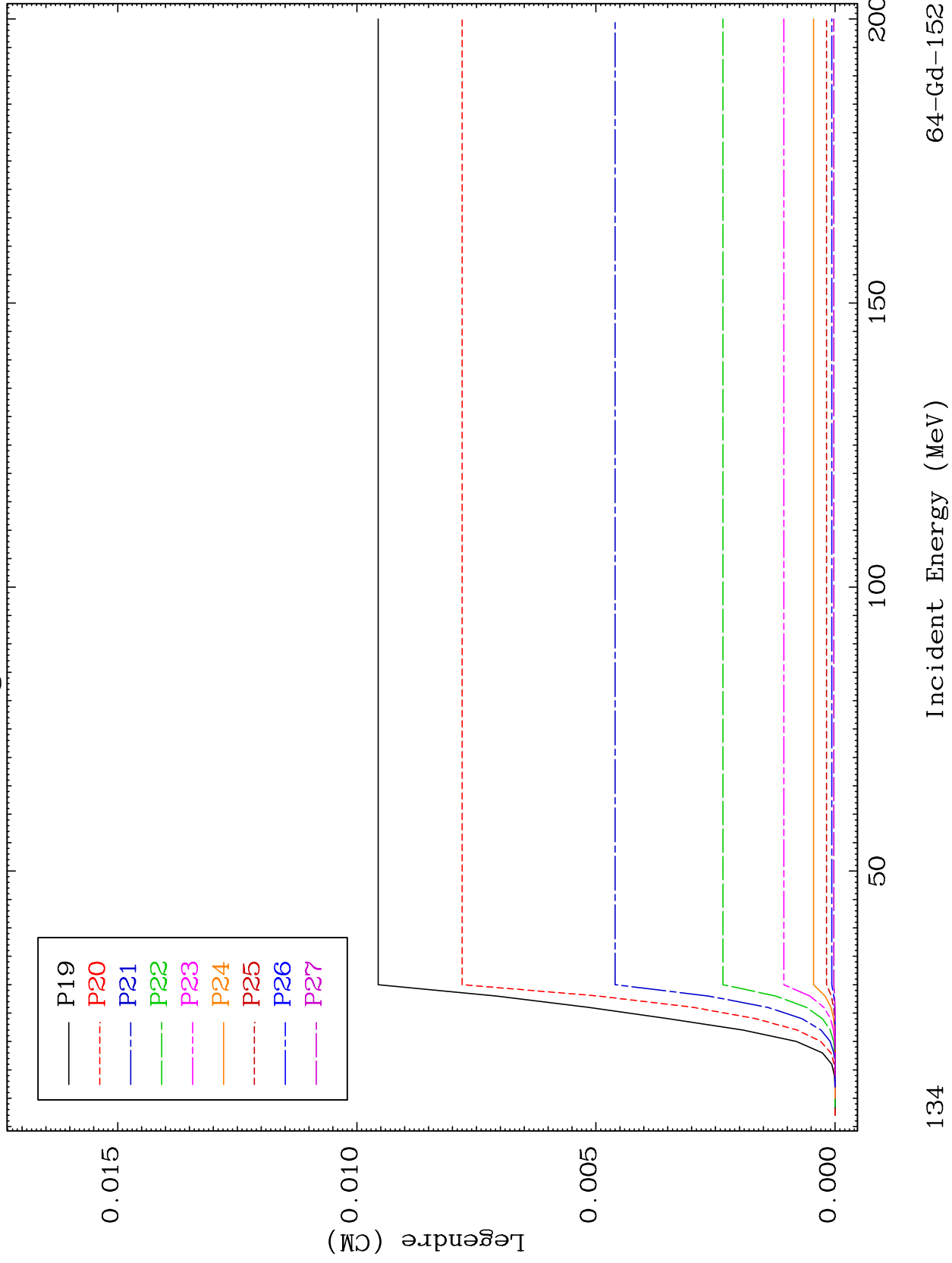
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



134

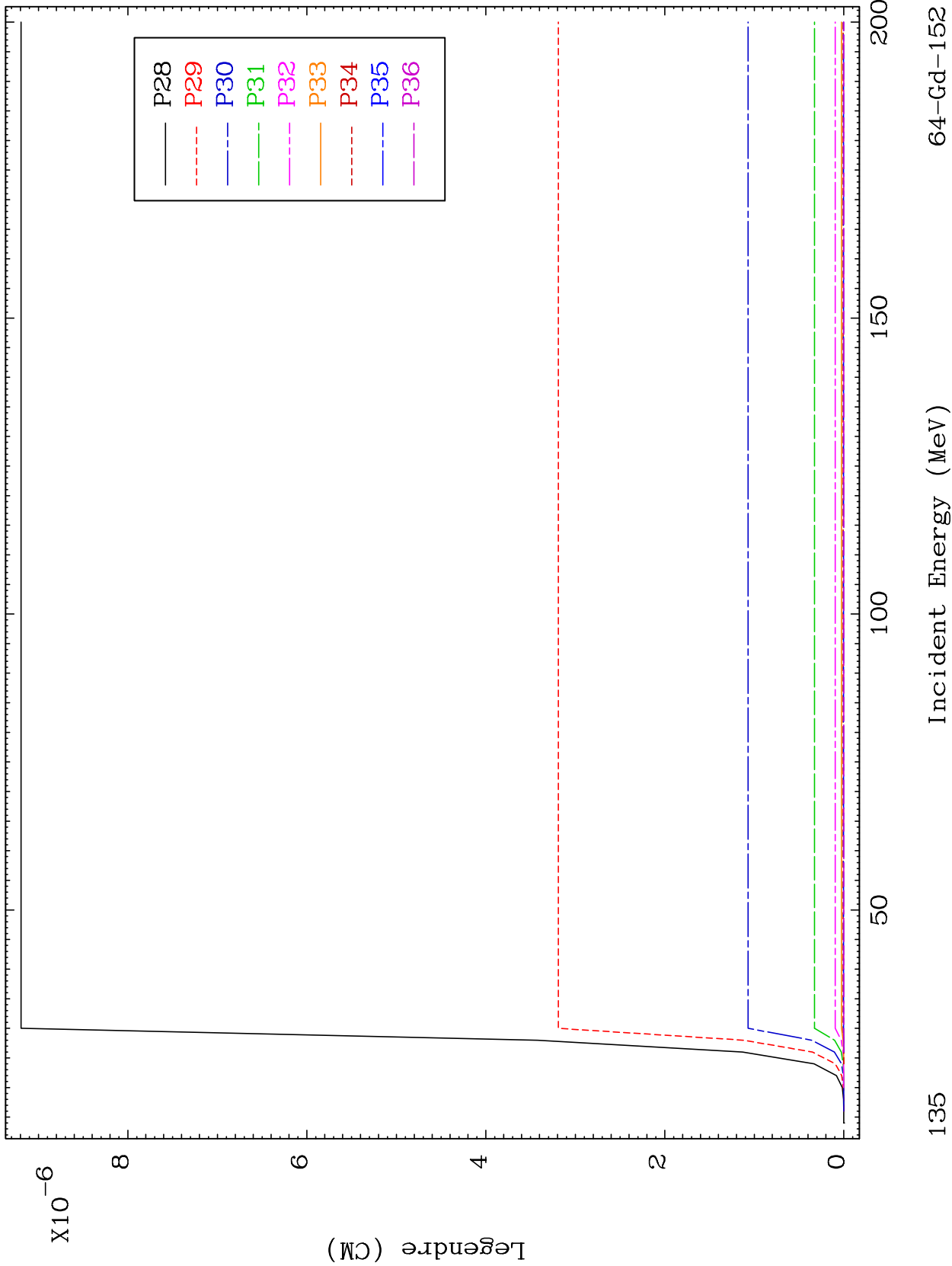
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152

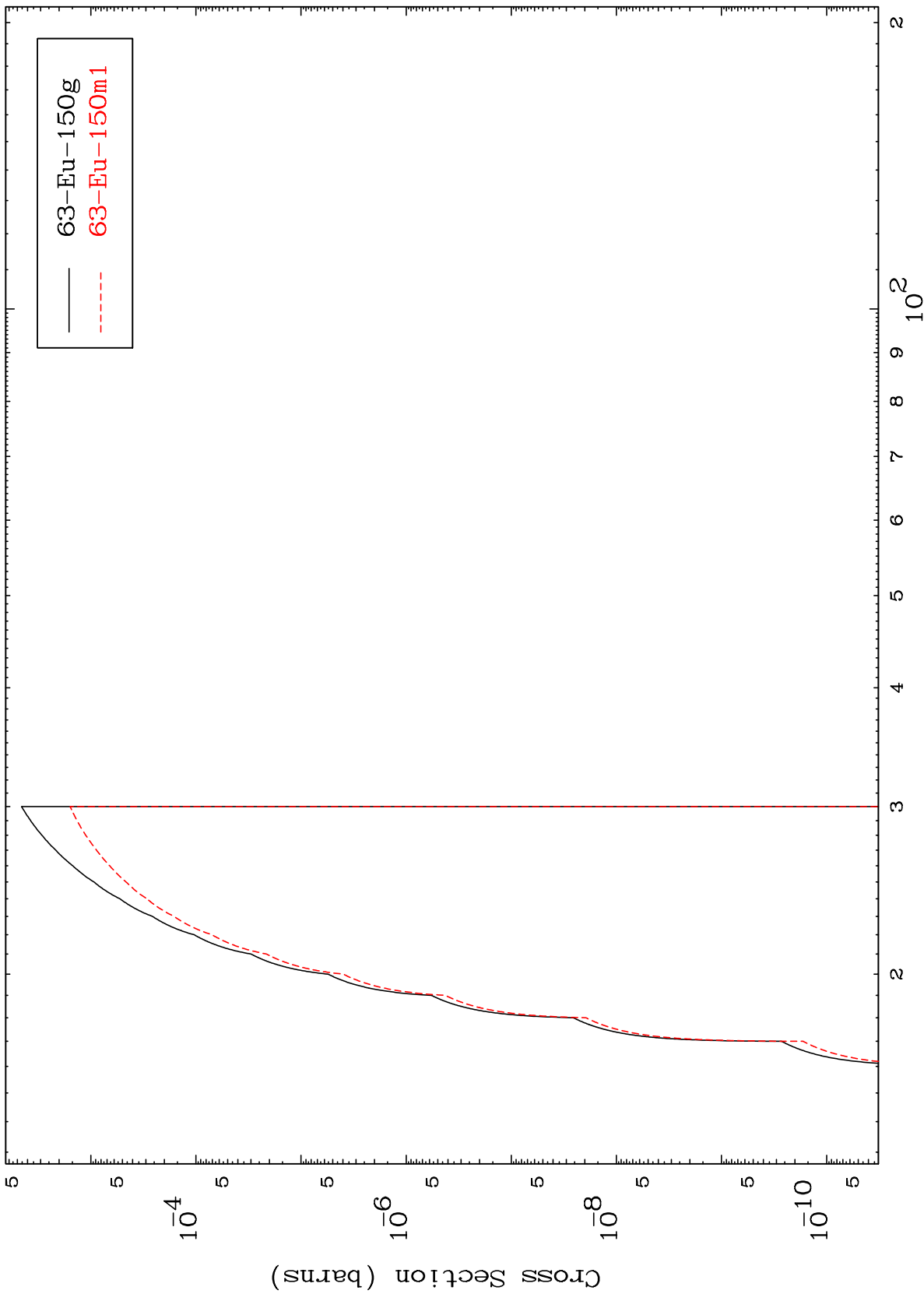


135

Incident Energy (MeV)

64-Gd-152

Radionuclide Production Cross Section

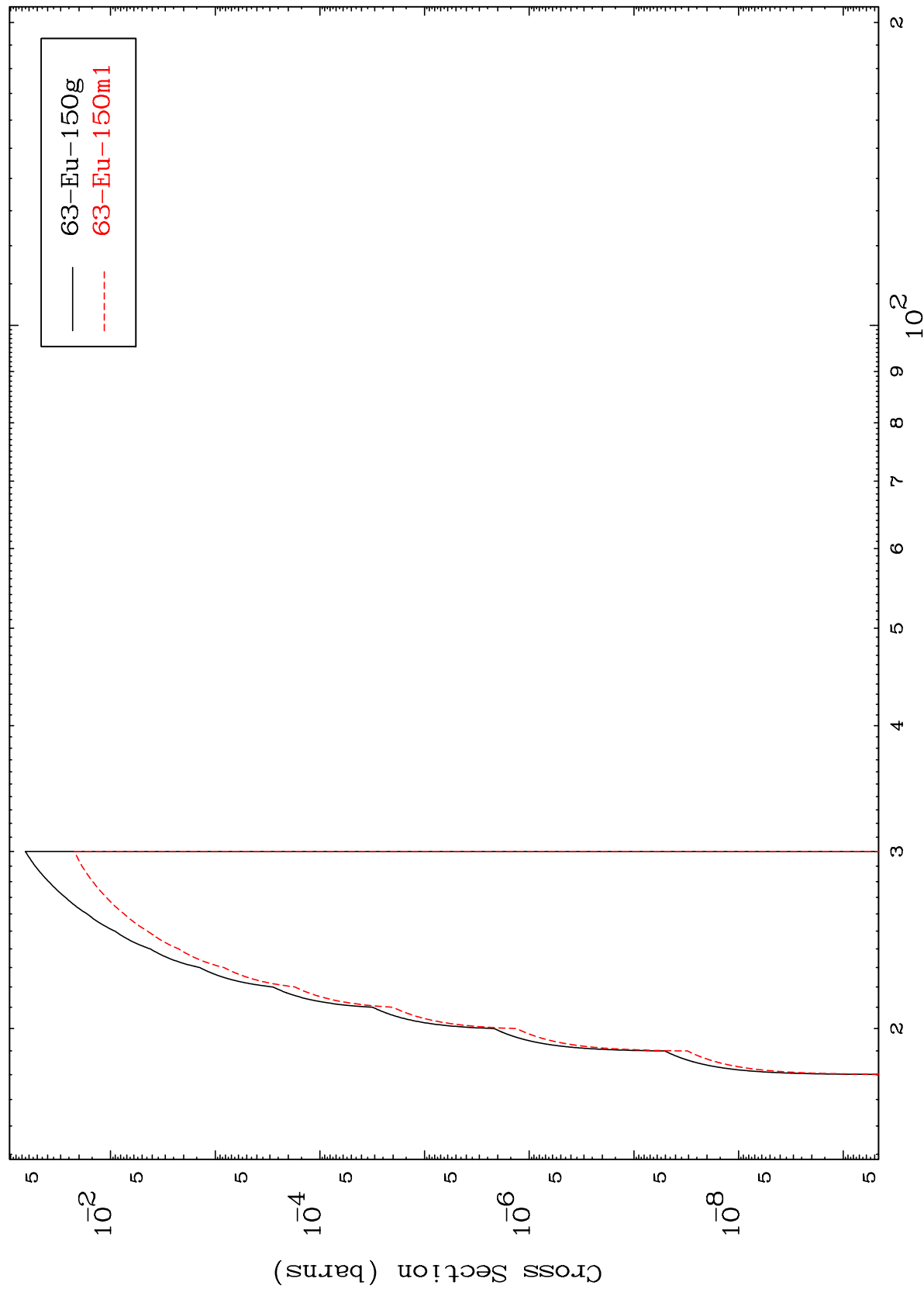


MAT 6425

(n,2n) p

64-Gd-152

Radionuclide Production Cross Section



137

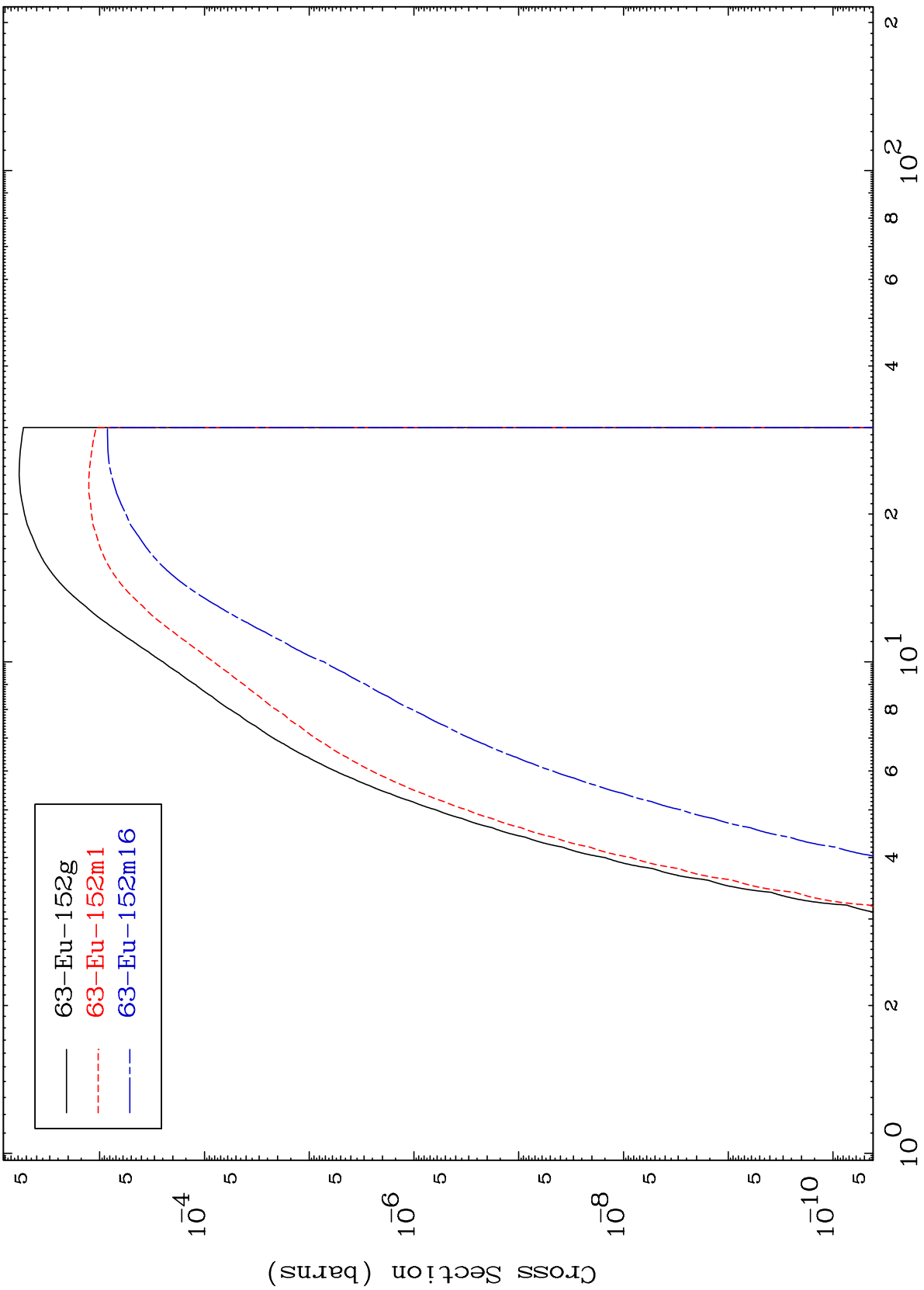
Incident Energy (MeV)

64-Gd-152

MAT 6425

64-Gd-152

(n,p)
Radionuclide Production Cross Section



64-Gd-152

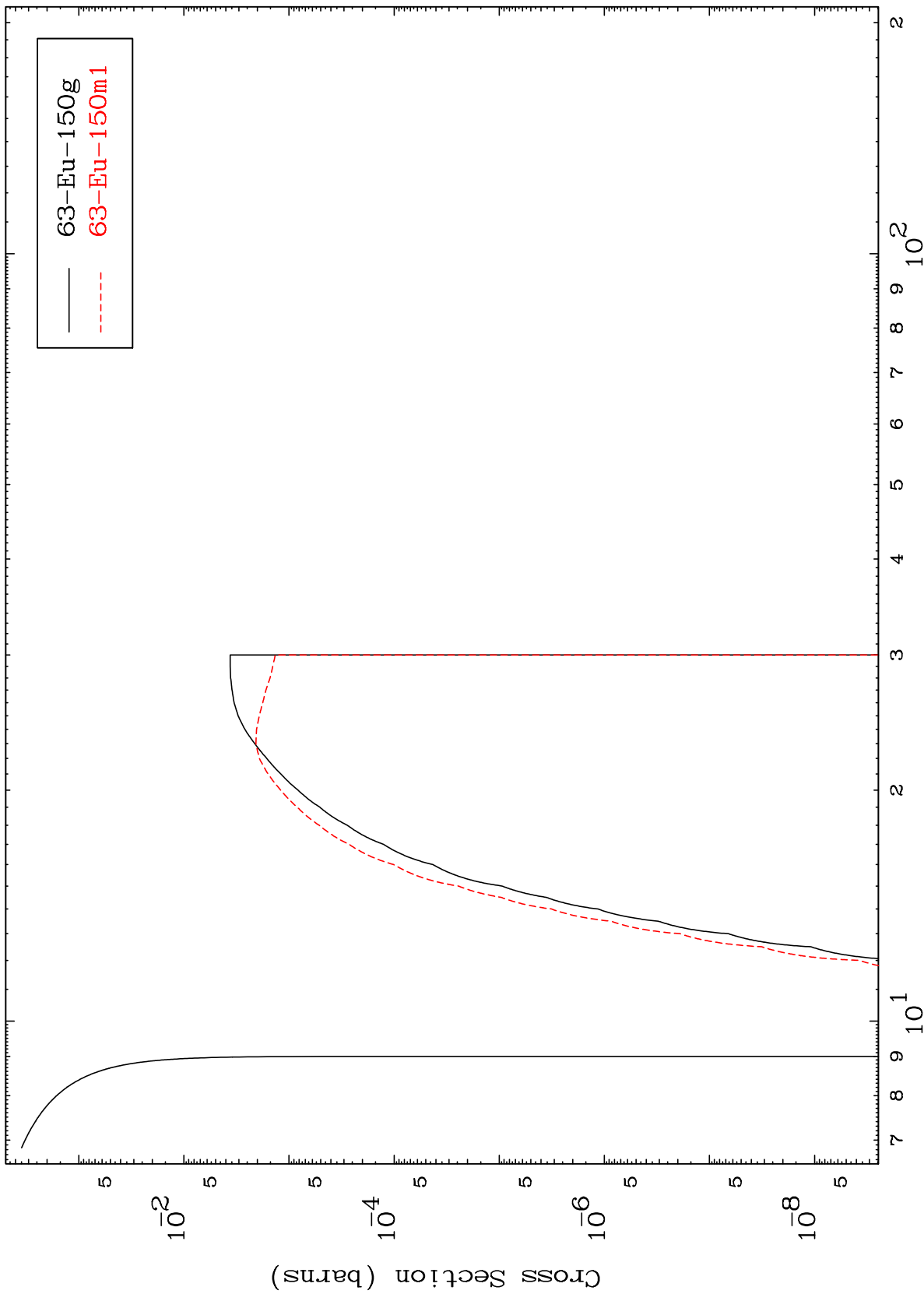
Incident Energy (MeV)

138

MAT 6425

64-Gd-152

(n, t)
Radionuclide Production Cross Section



63-Eu-150g
63-Eu-150m1

139

Incident Energy (MeV)

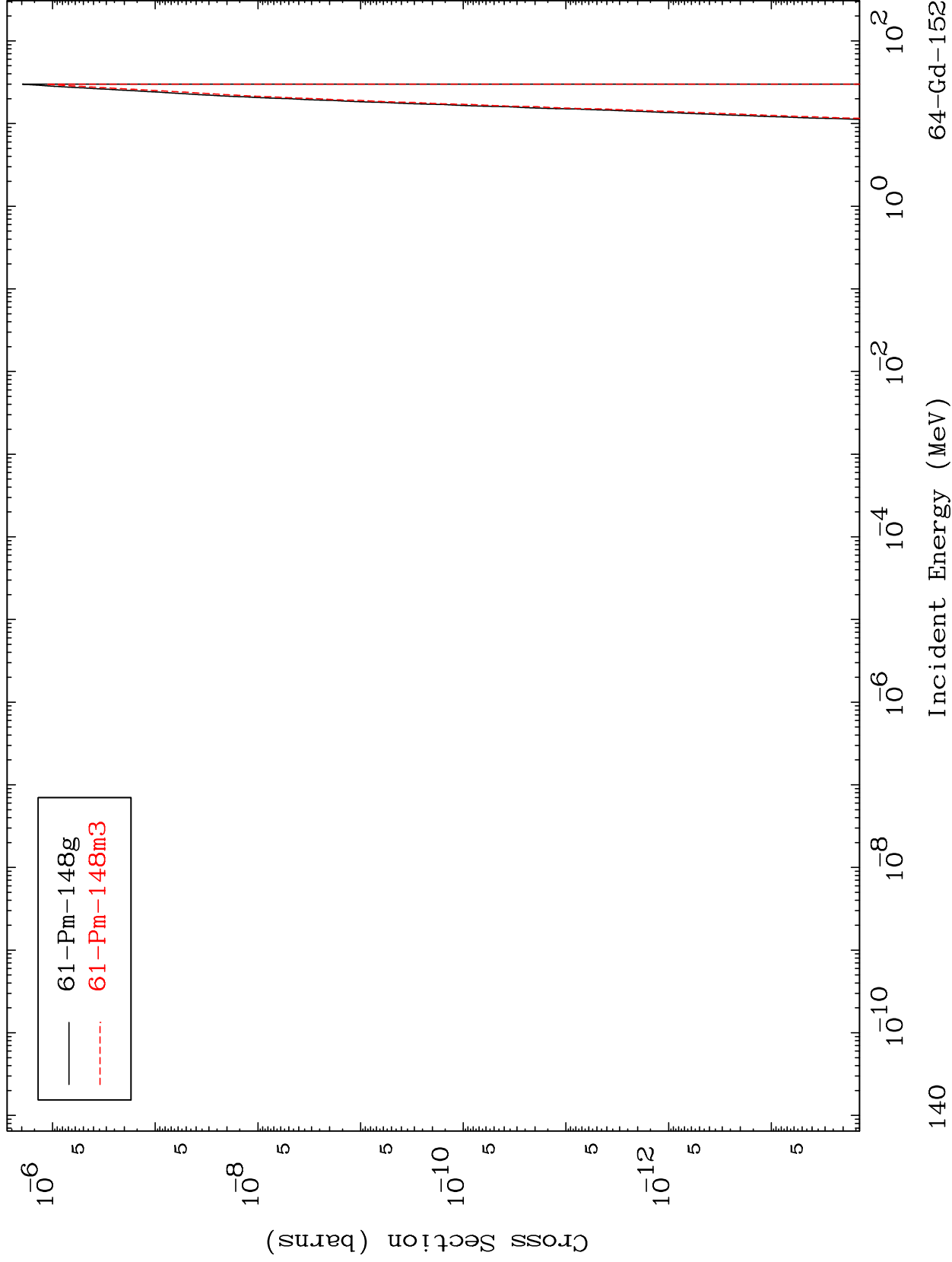
64-Gd-152

MAT 6425

(n,p) α

64-Gd-152

Radionuclide Production Cross Section



140

Incident Energy (MeV)

64-Gd-152