

Program EVALPLOT
(Version 2018-1)

by

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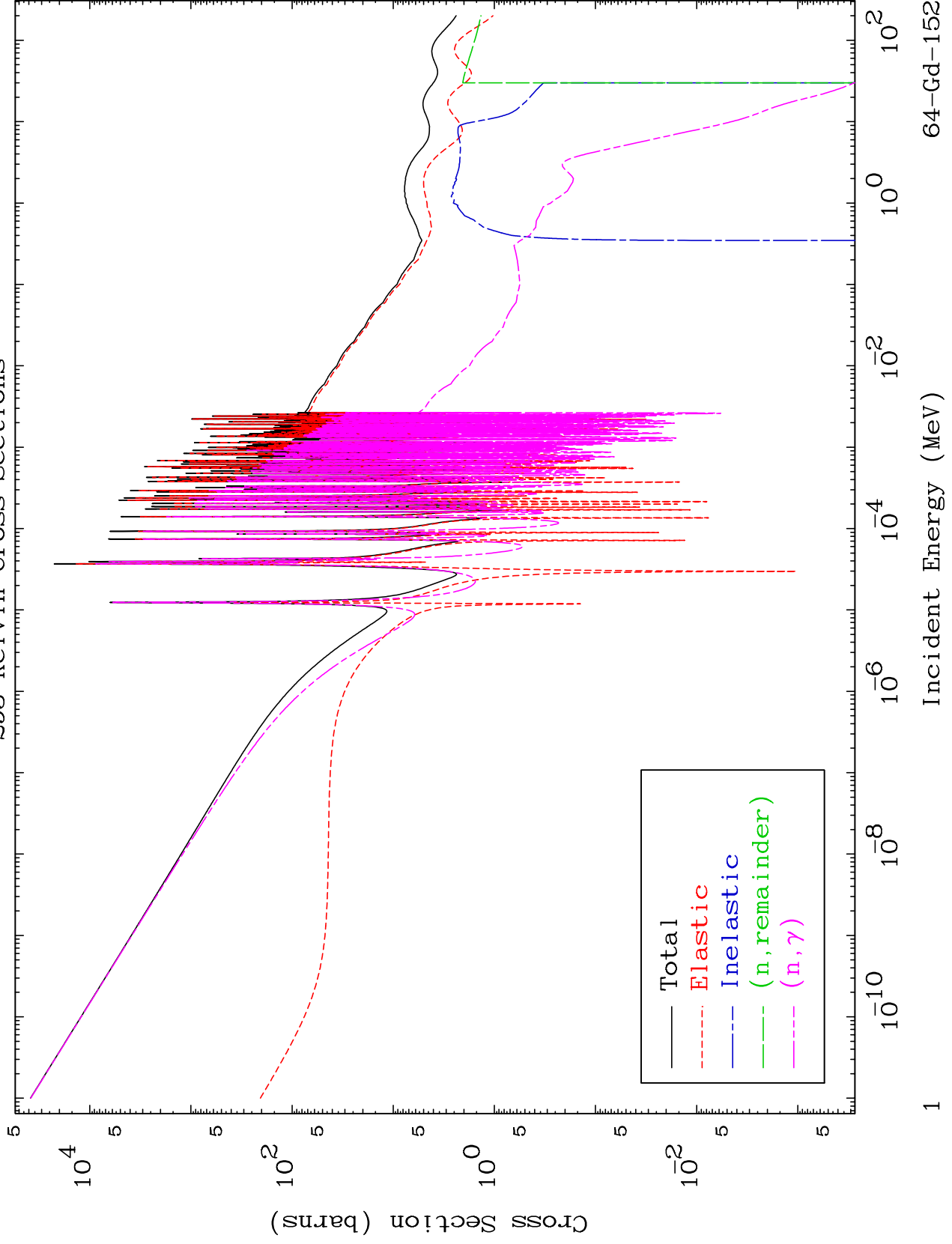
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6425

Major
293 Kelvin Cross Sections

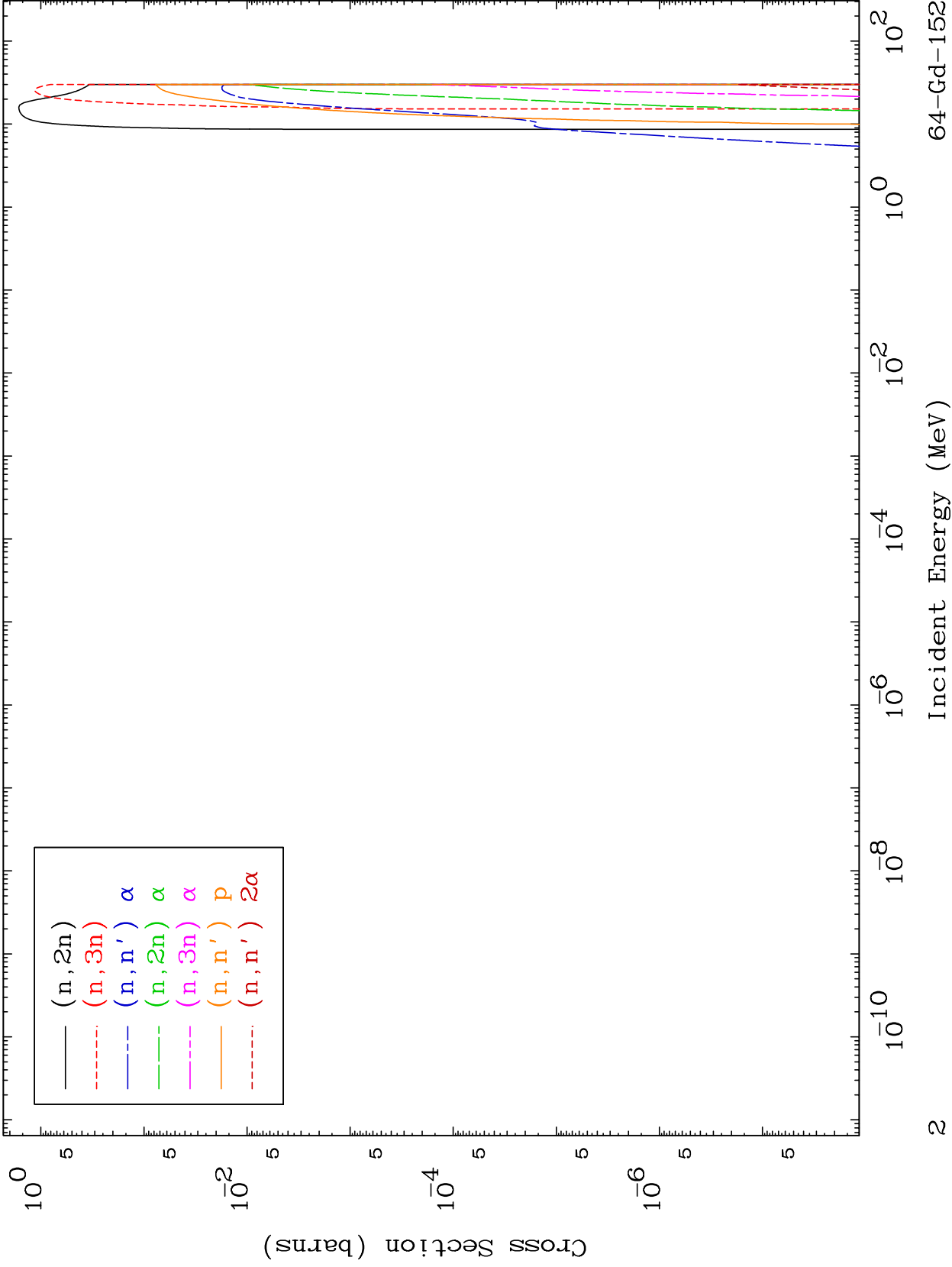
64-Gd-152

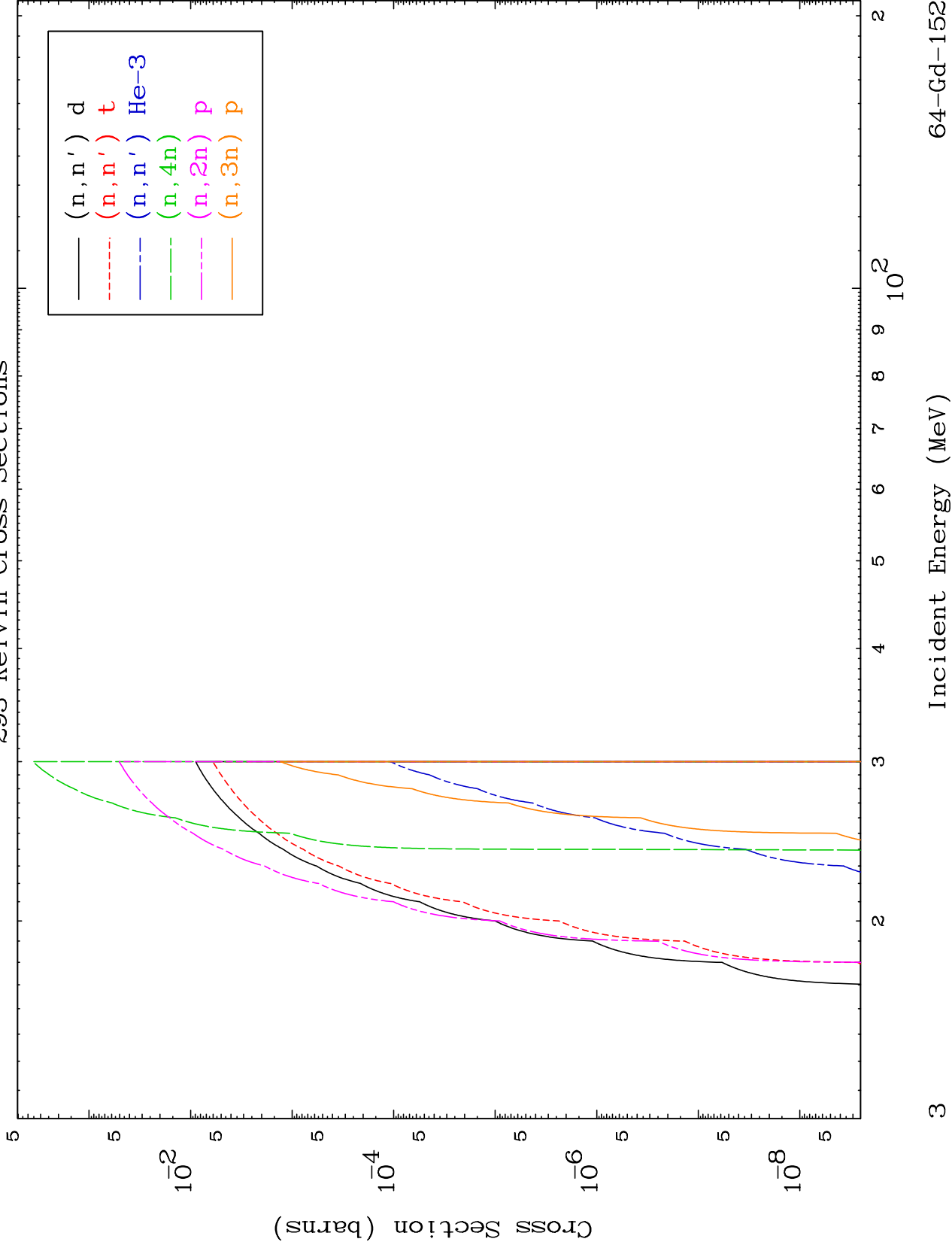


MAT 6425

Neutron Production
293 Kelvin Cross Sections

64-Gd-152

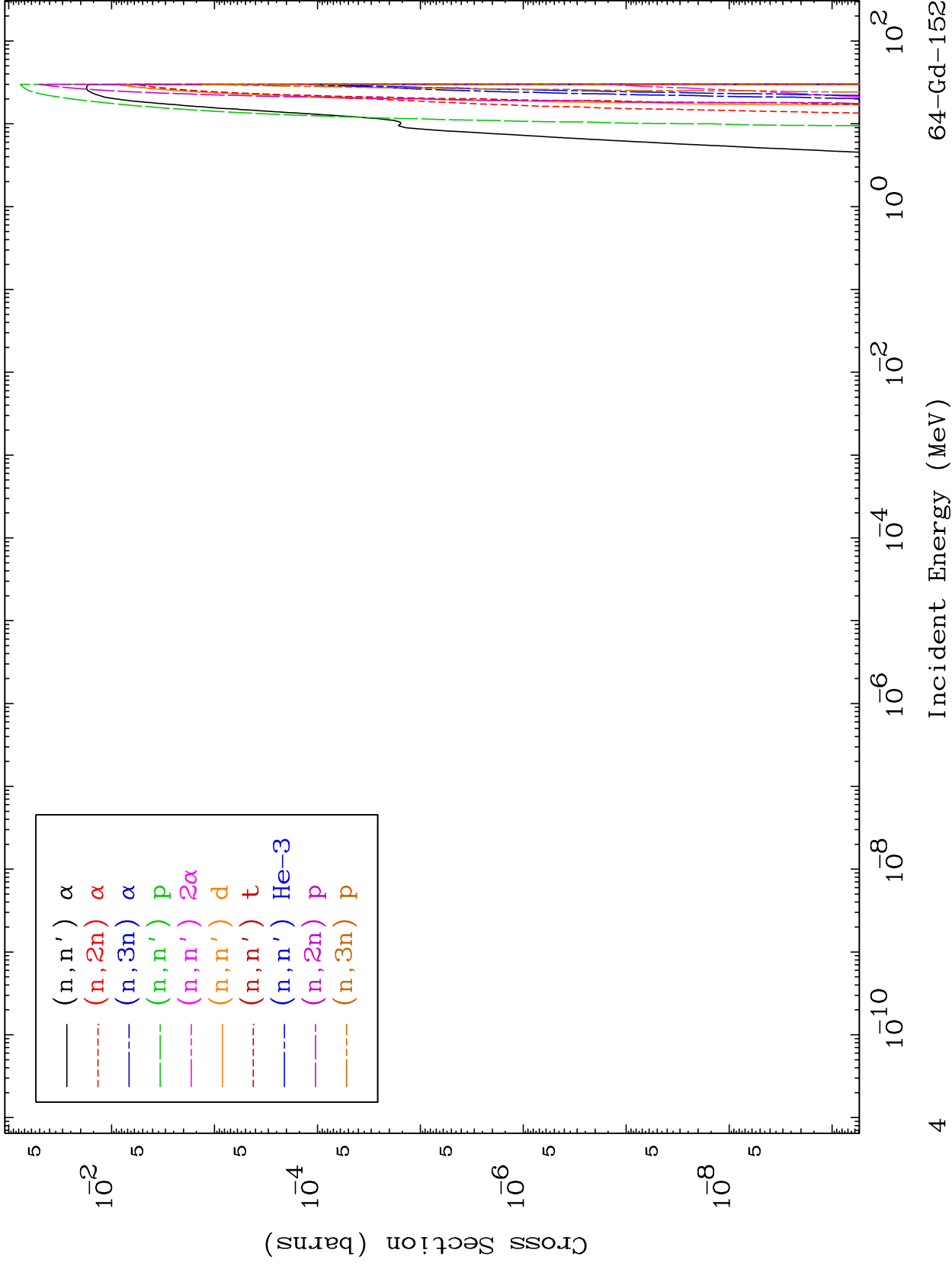




MAT 6425

Charged Particle
293 Kelvin Cross Sections

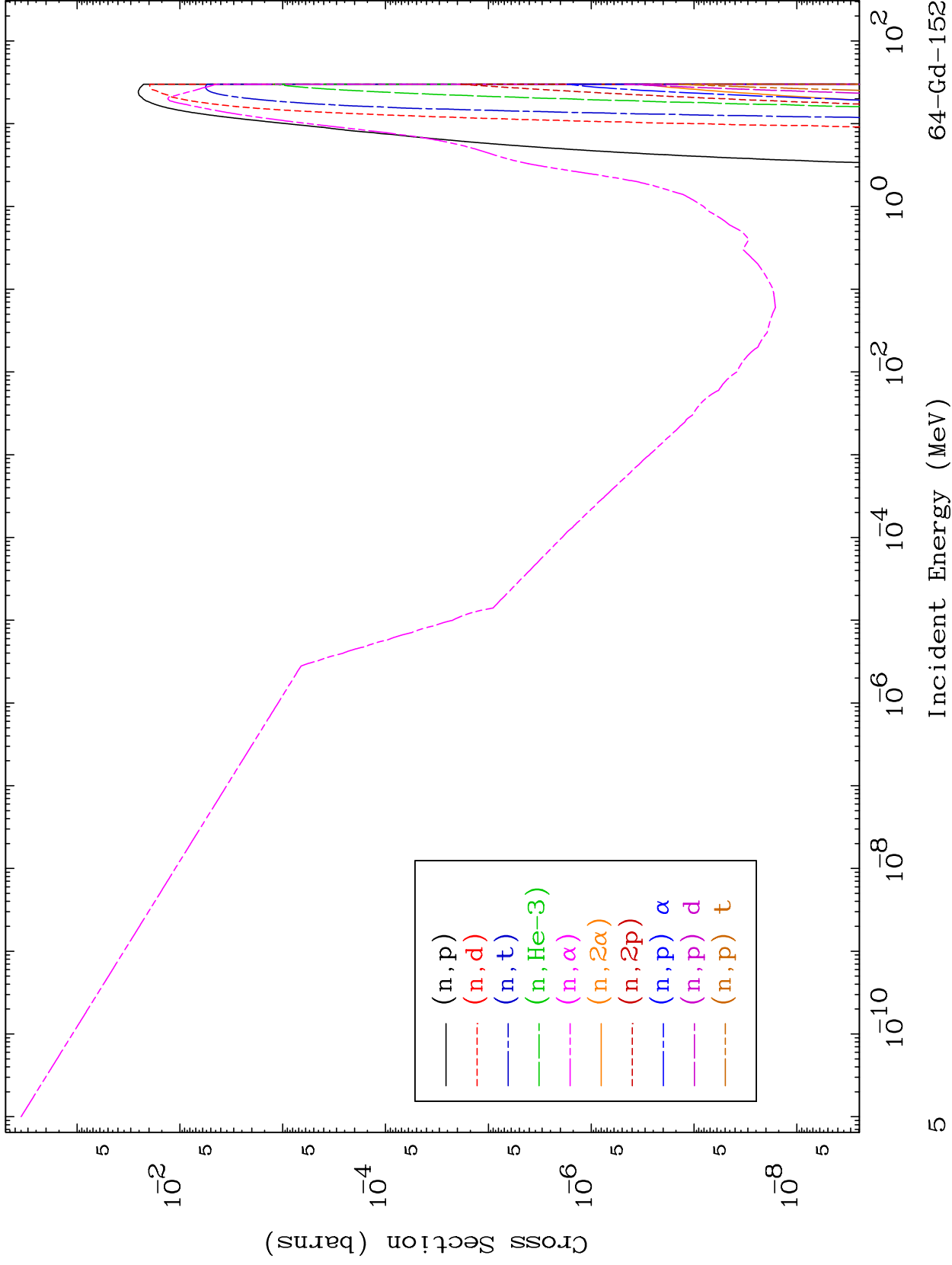
64-Gd-152



MAT 6425

Charged Particle
293 Kelvin Cross Sections

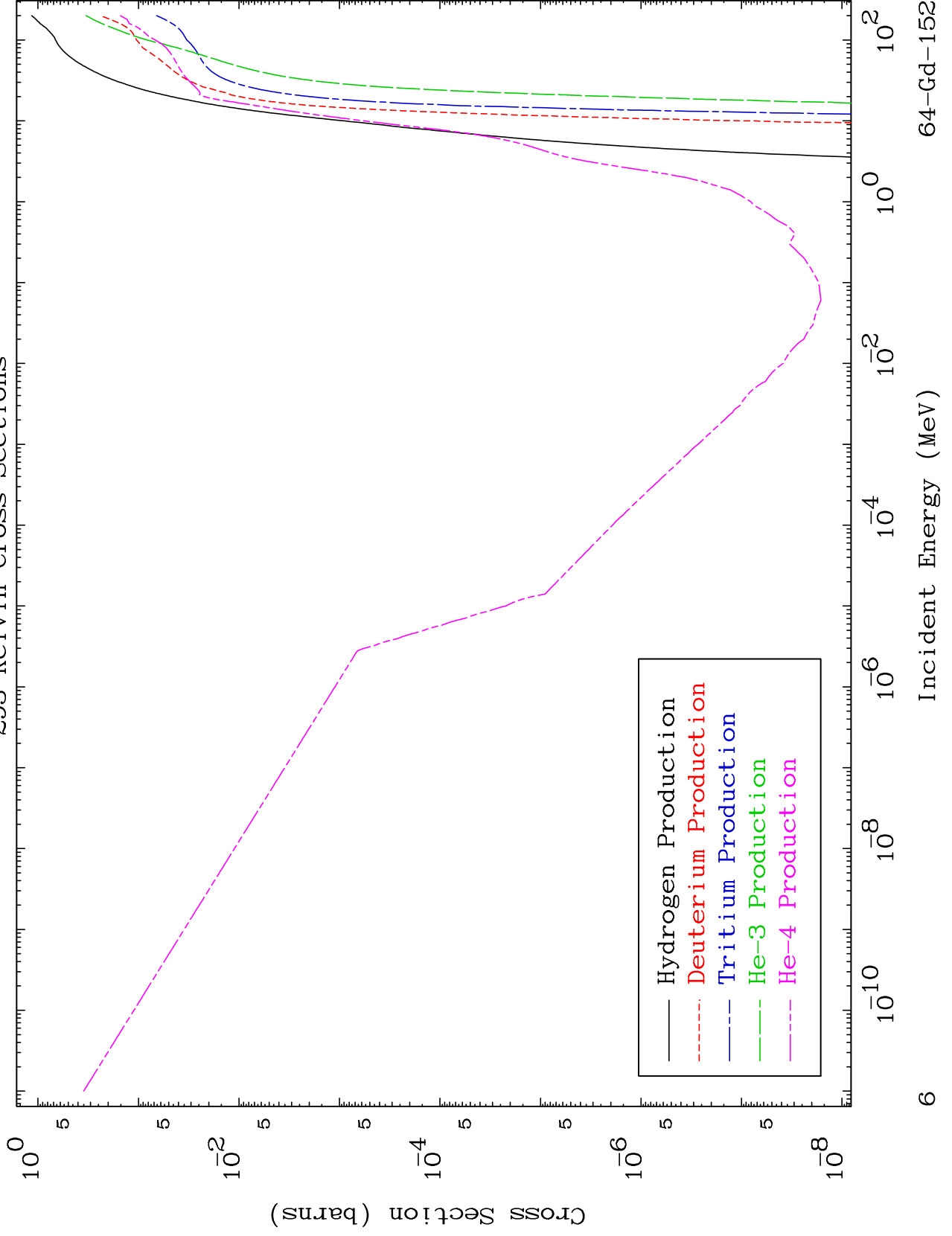
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MAT 6425

Particle Production
293 Kelvin Cross Sections

64-Gd-152

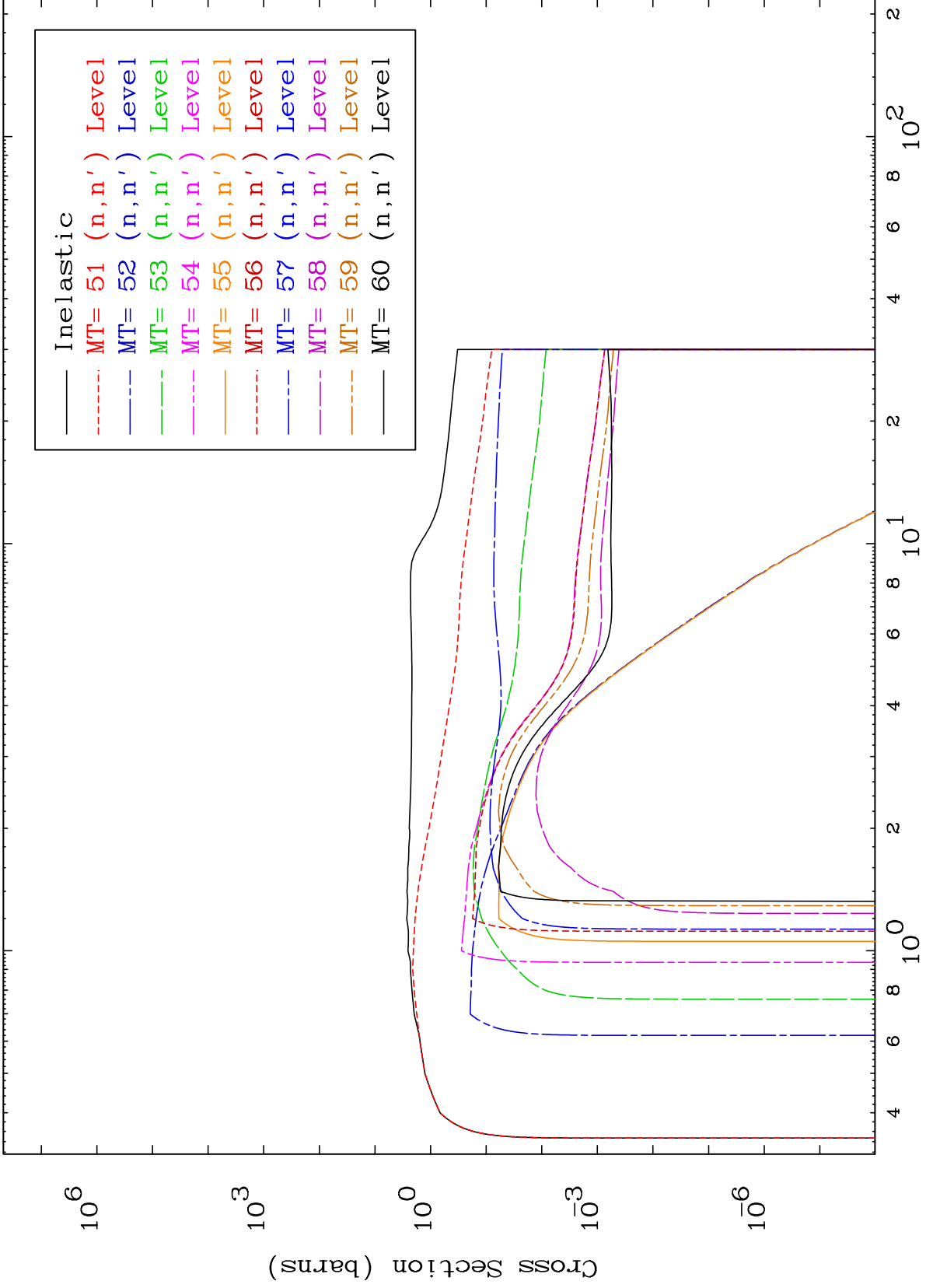


MAT 6425

(n,n') Level

64-Gd-152

293 Kelvin Cross Sections



7

Incident Energy (MeV)

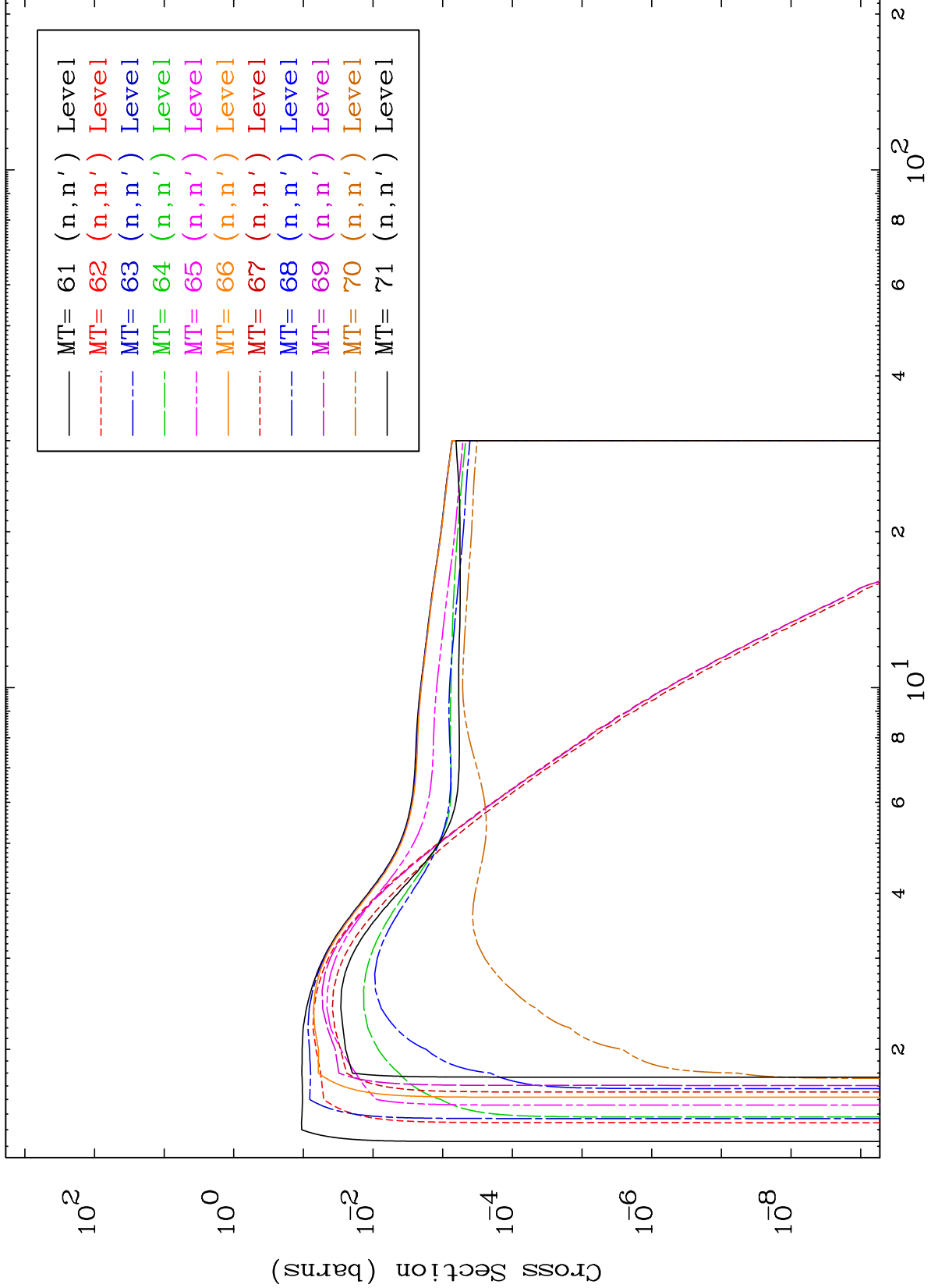
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MAT 6425

(n,n') Level

64-Gd-152

293 Kelvin Cross Sections



8

Incident Energy (MeV)

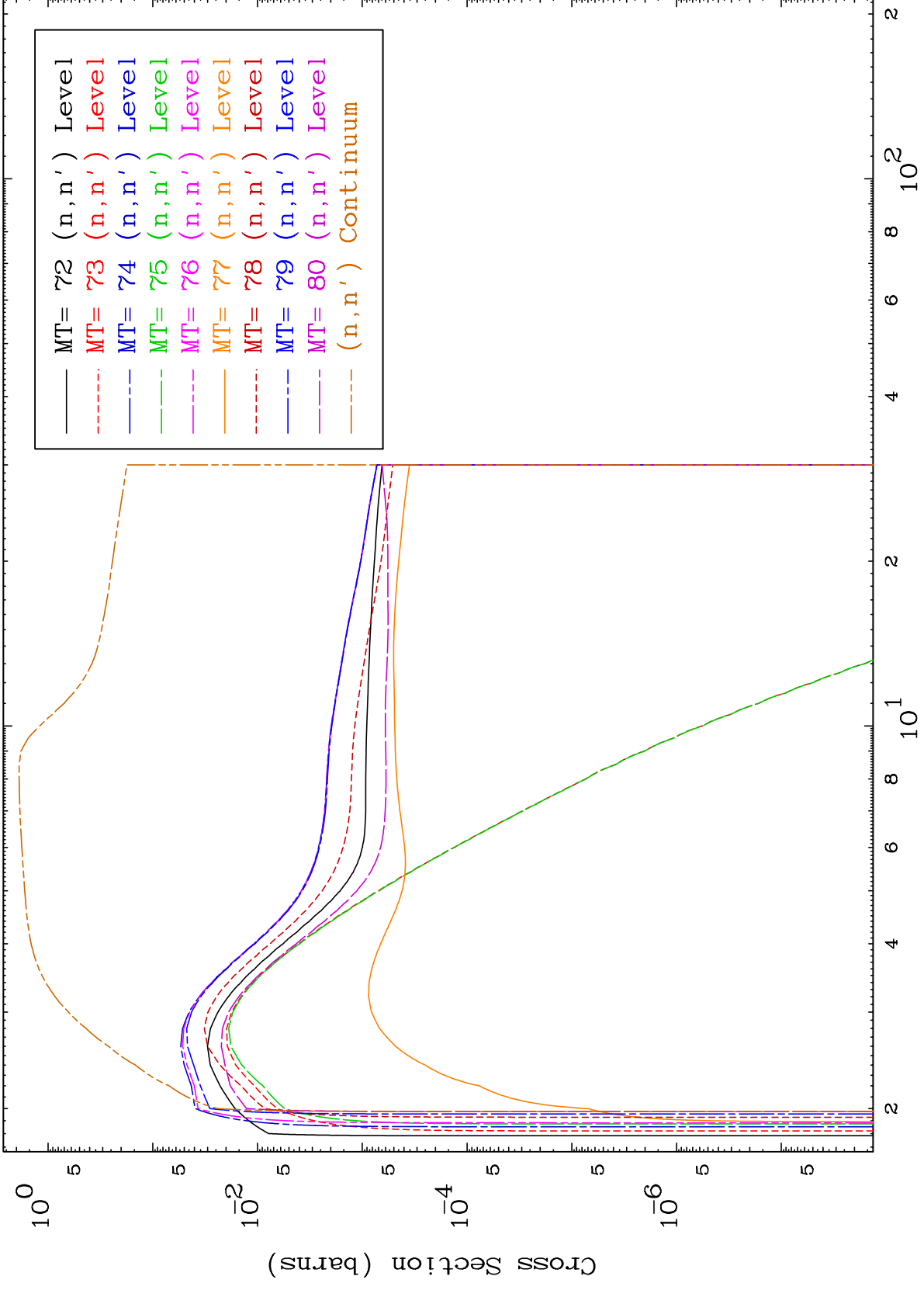
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MAT 6425

(n,n') Level

64-Gd-152

293 Kelvin Cross Sections



9

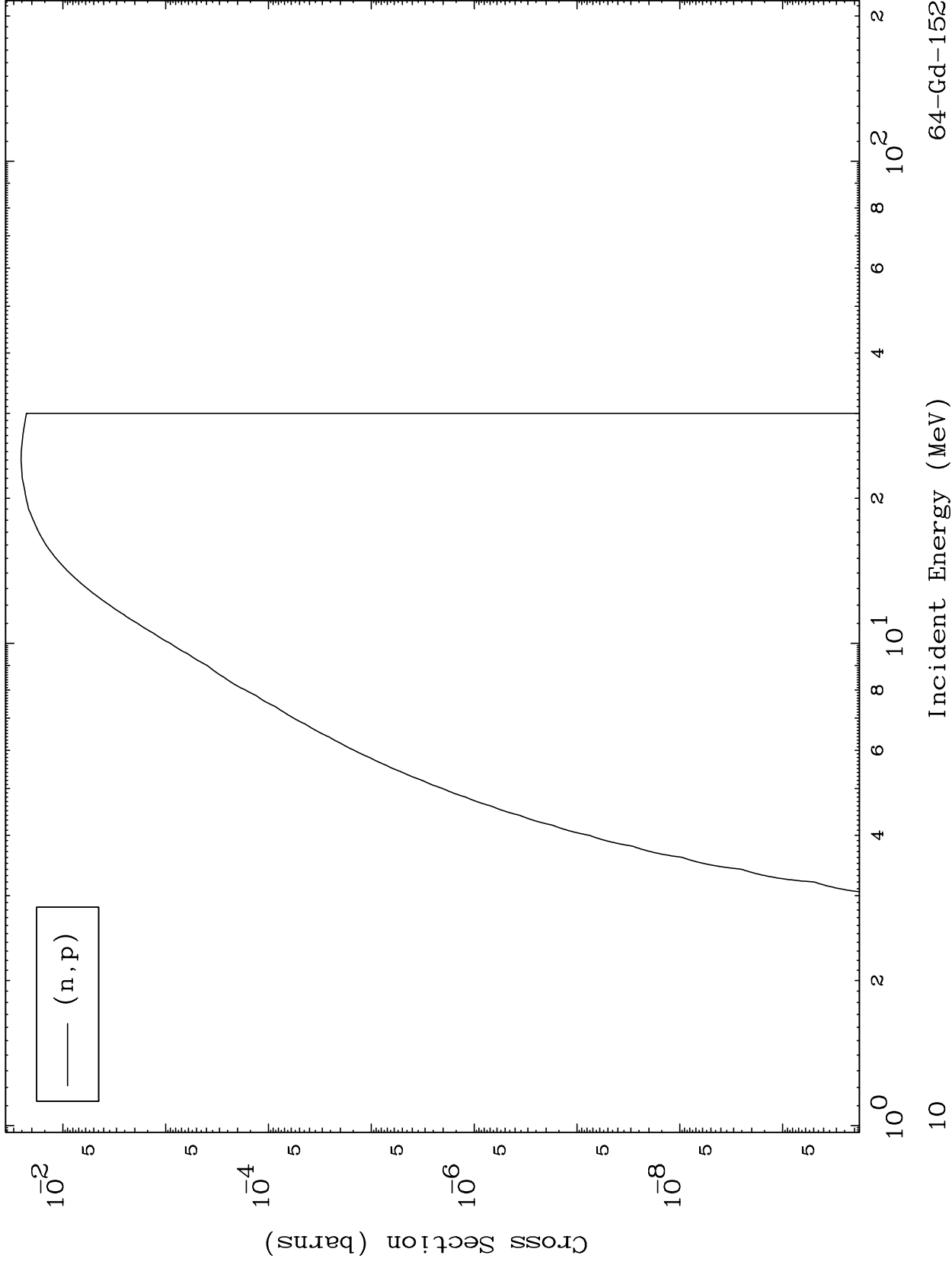
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-152



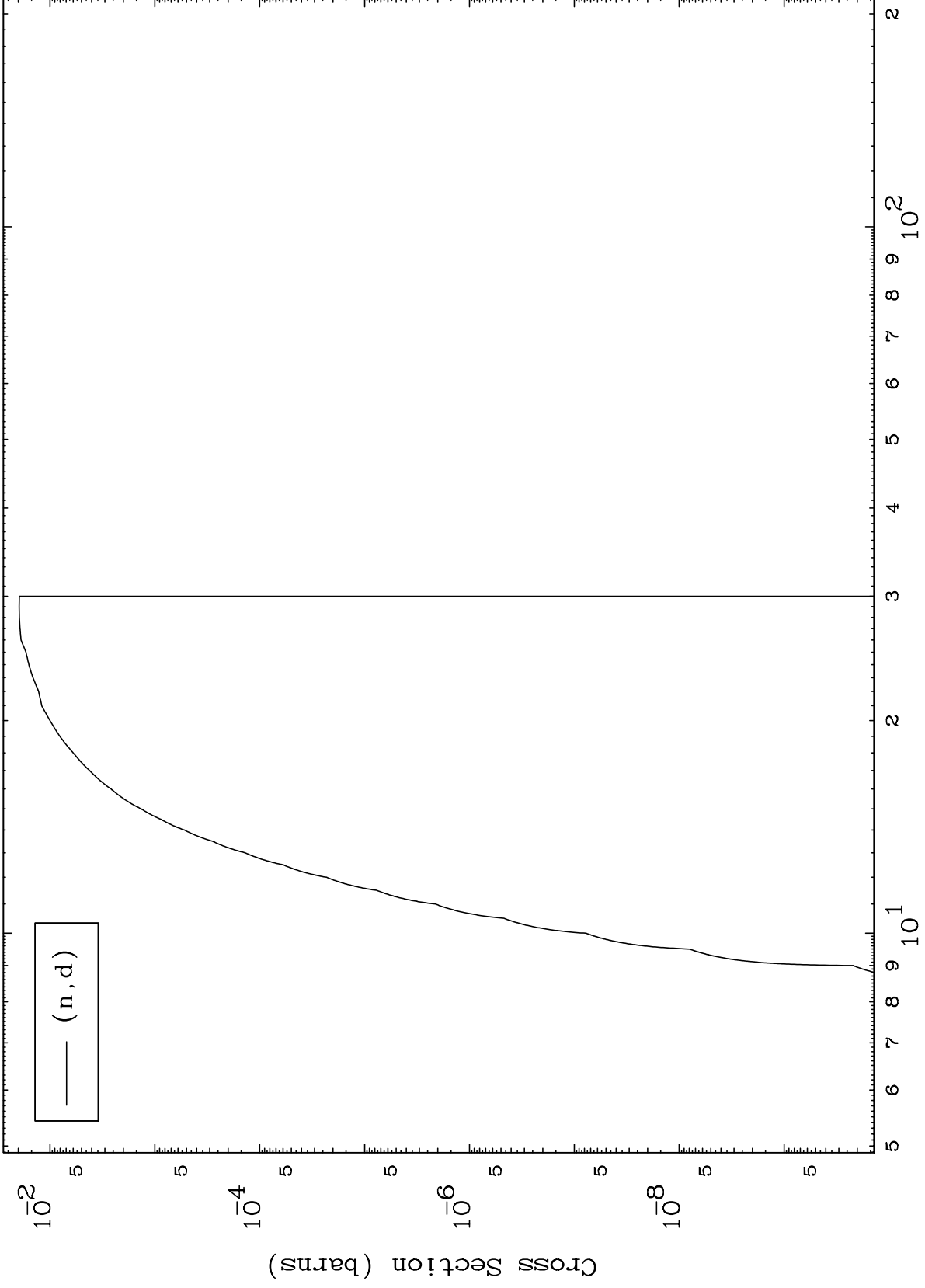
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,d) Levels
293 Kelvin Cross Sections

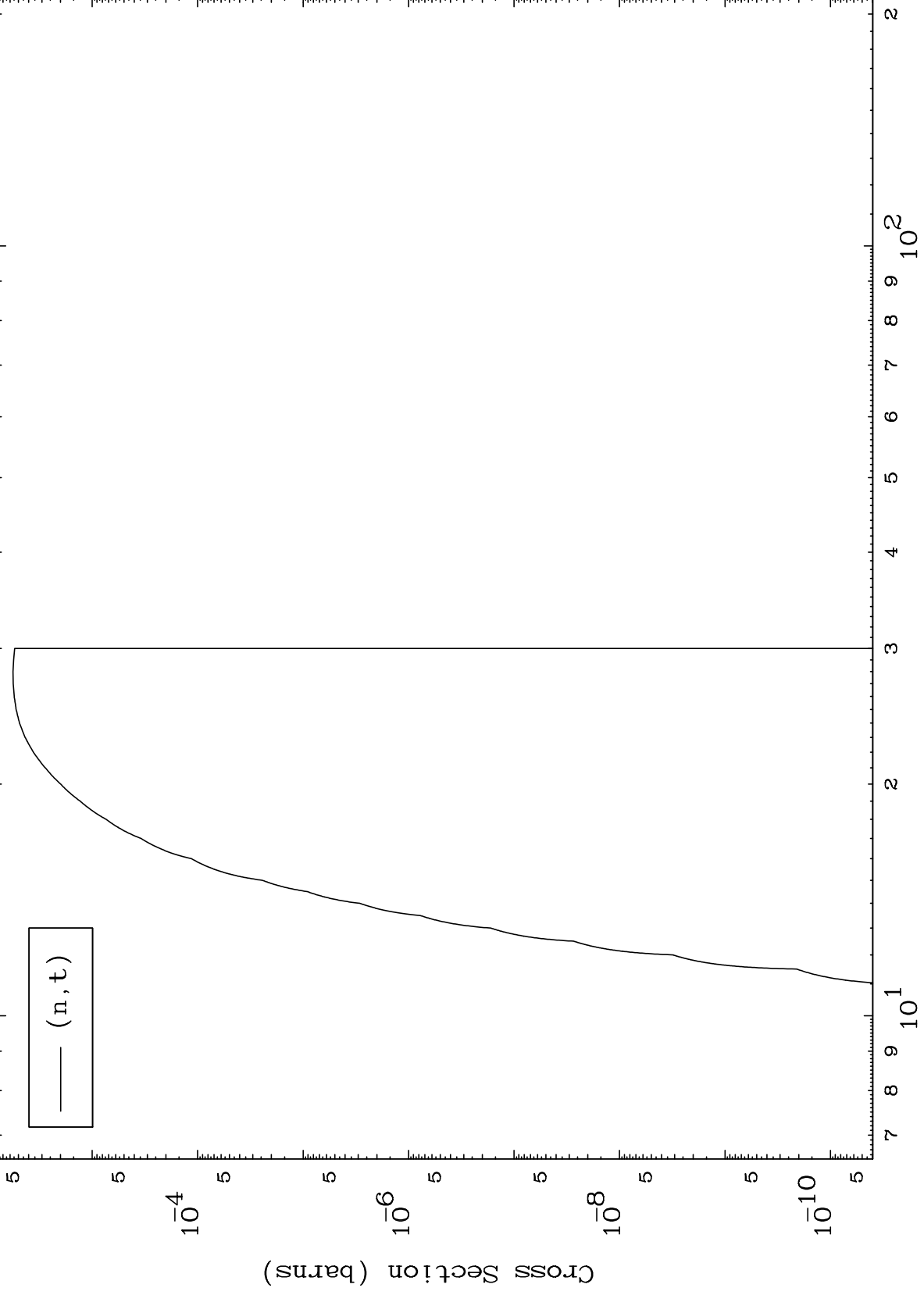
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MAT 6425

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-152



12

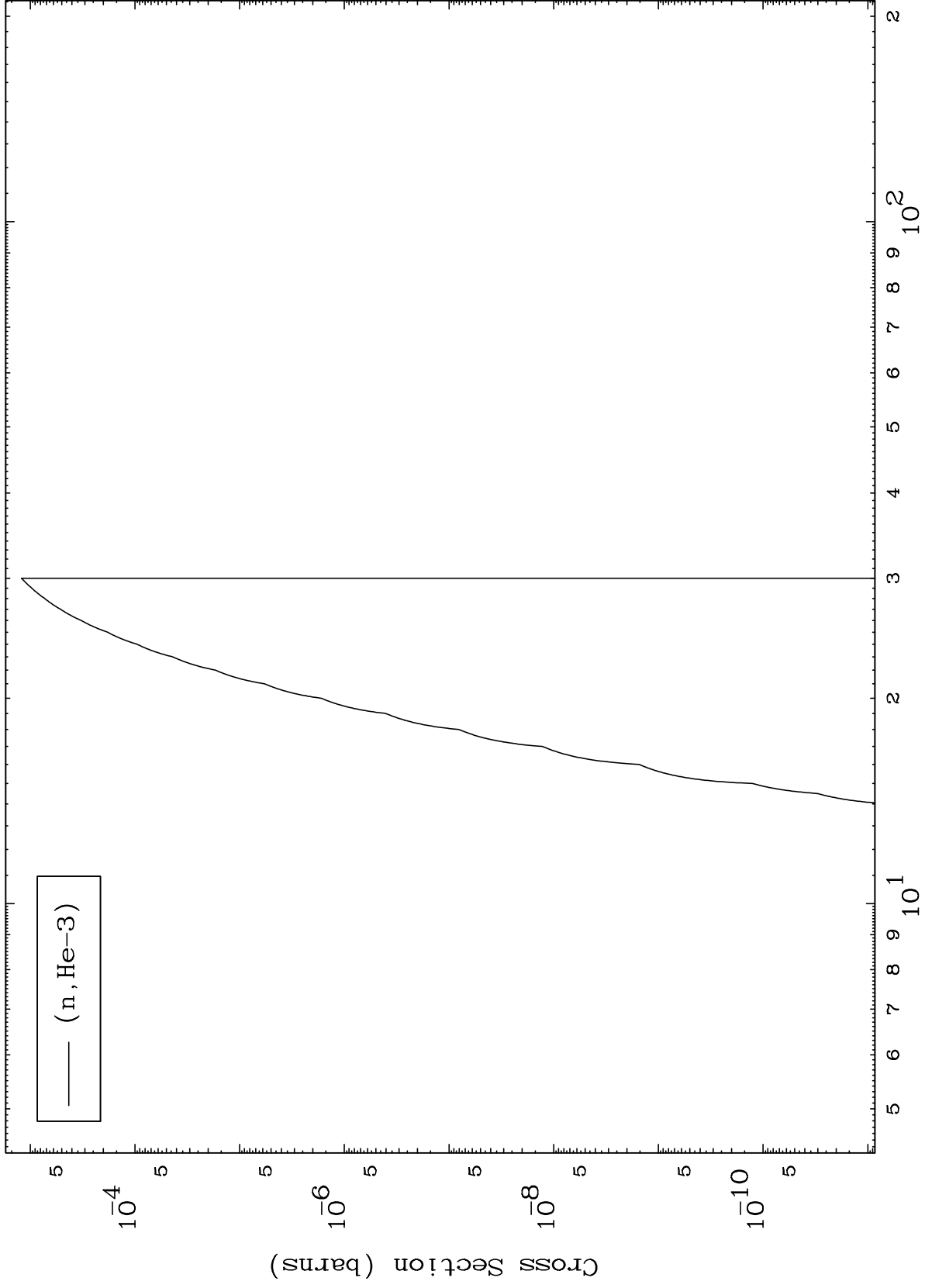
Incident Energy (MeV)

64-Gd-152

MAT 6425

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-152



13

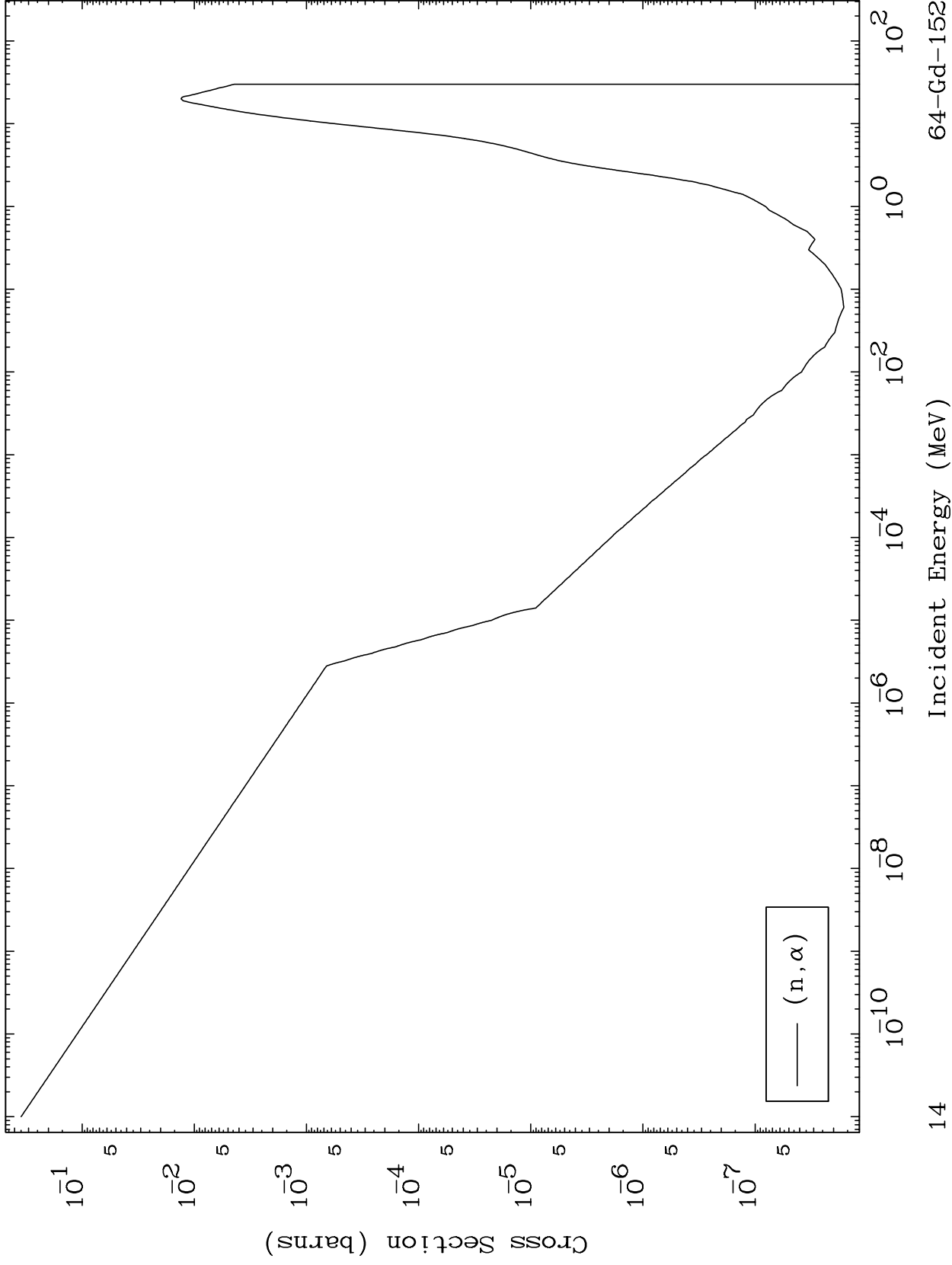
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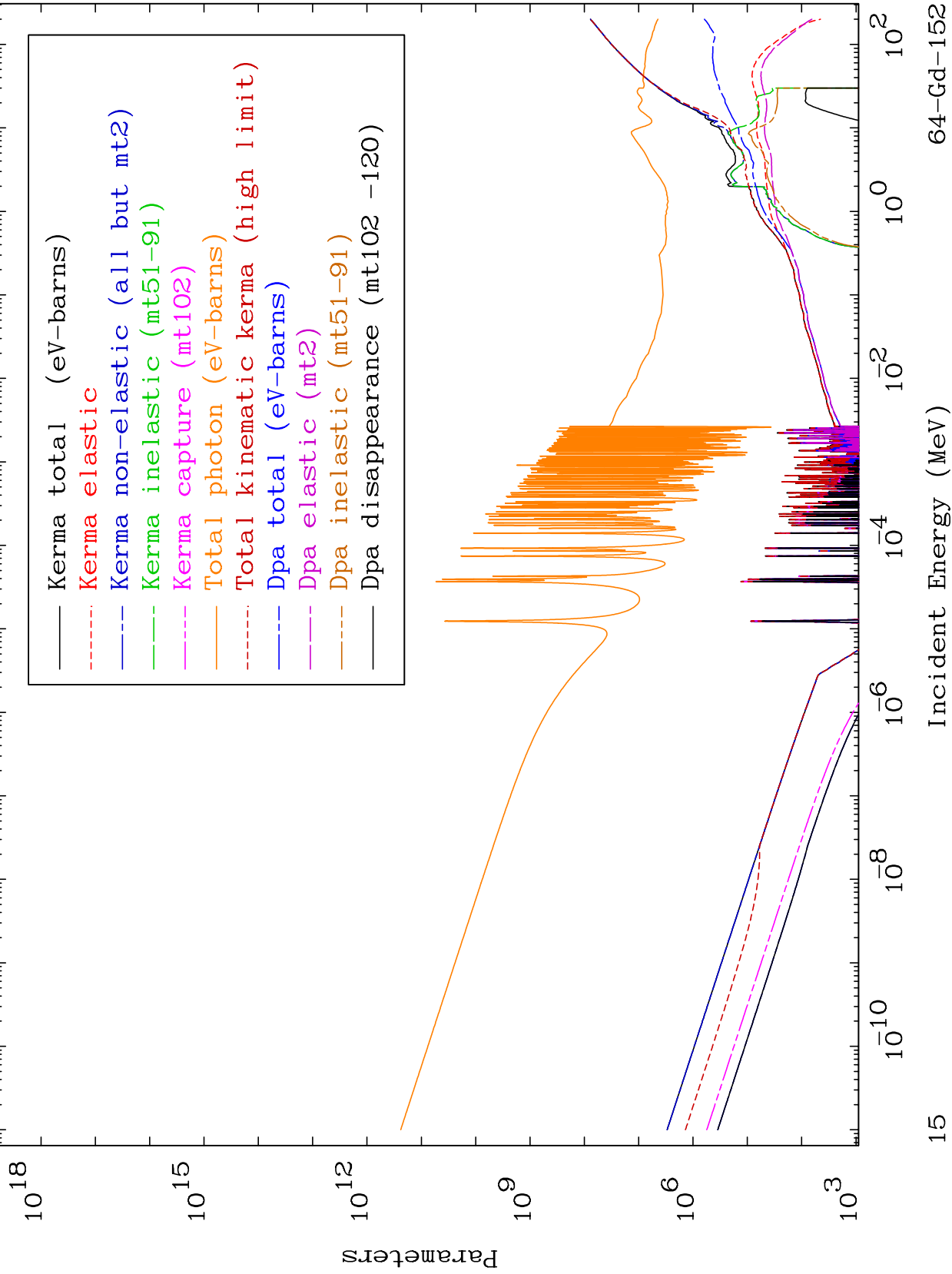
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MAT 6425

(n,α) Levels
293 Kelvin Cross Sections

64-Gd-152

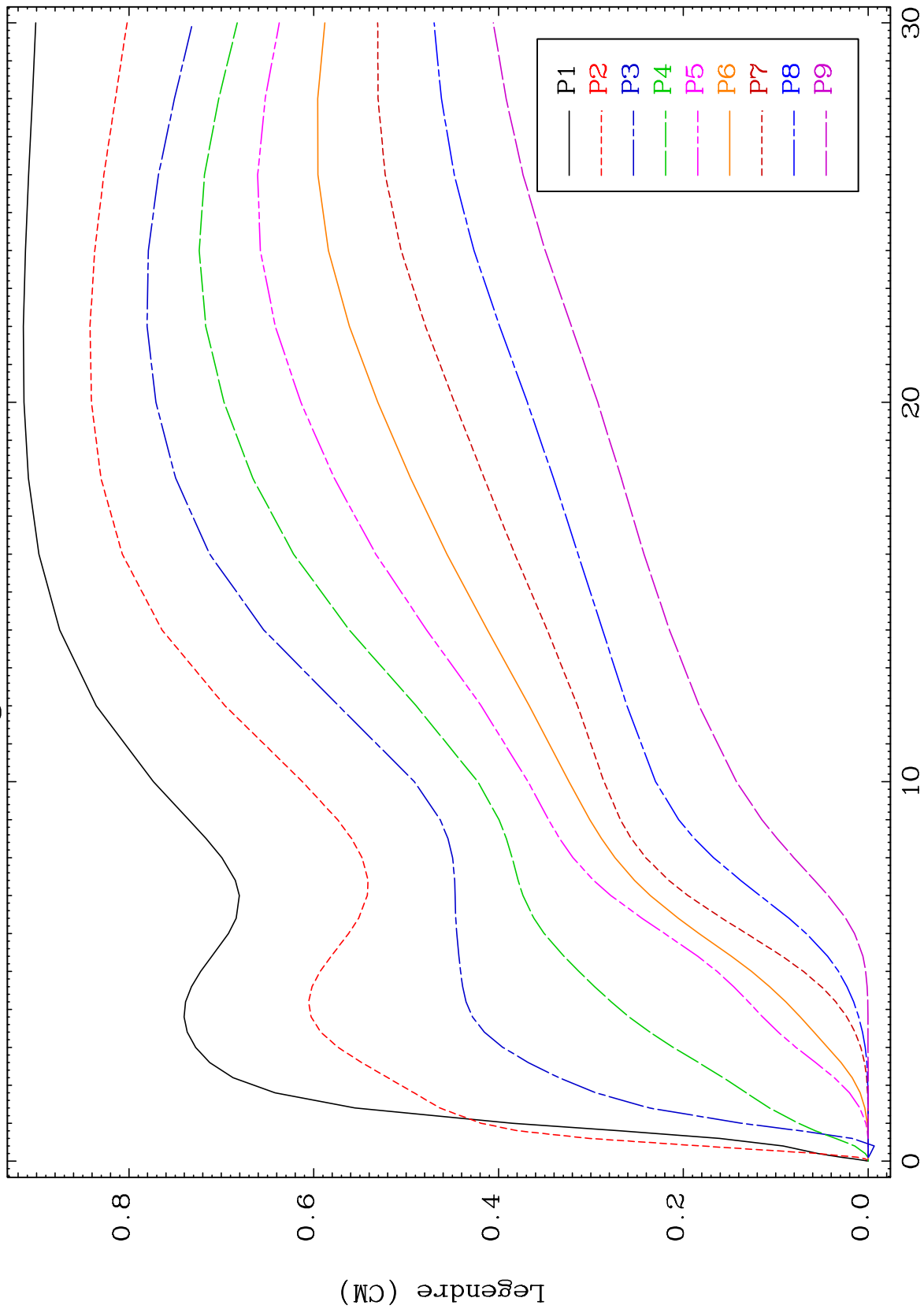




MAT 6425

Elastic Legendre Coefficients

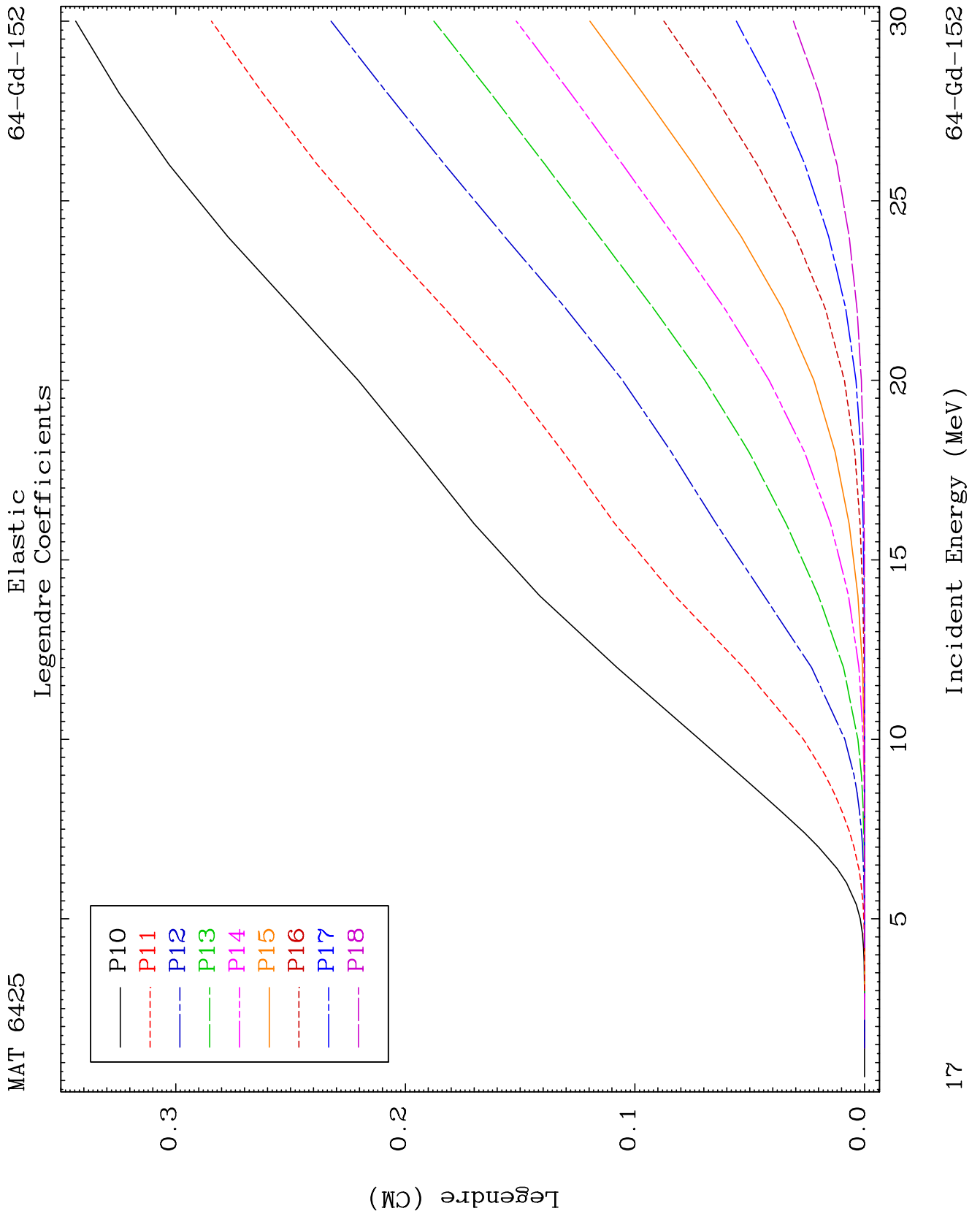
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16

Incident Energy (MeV)

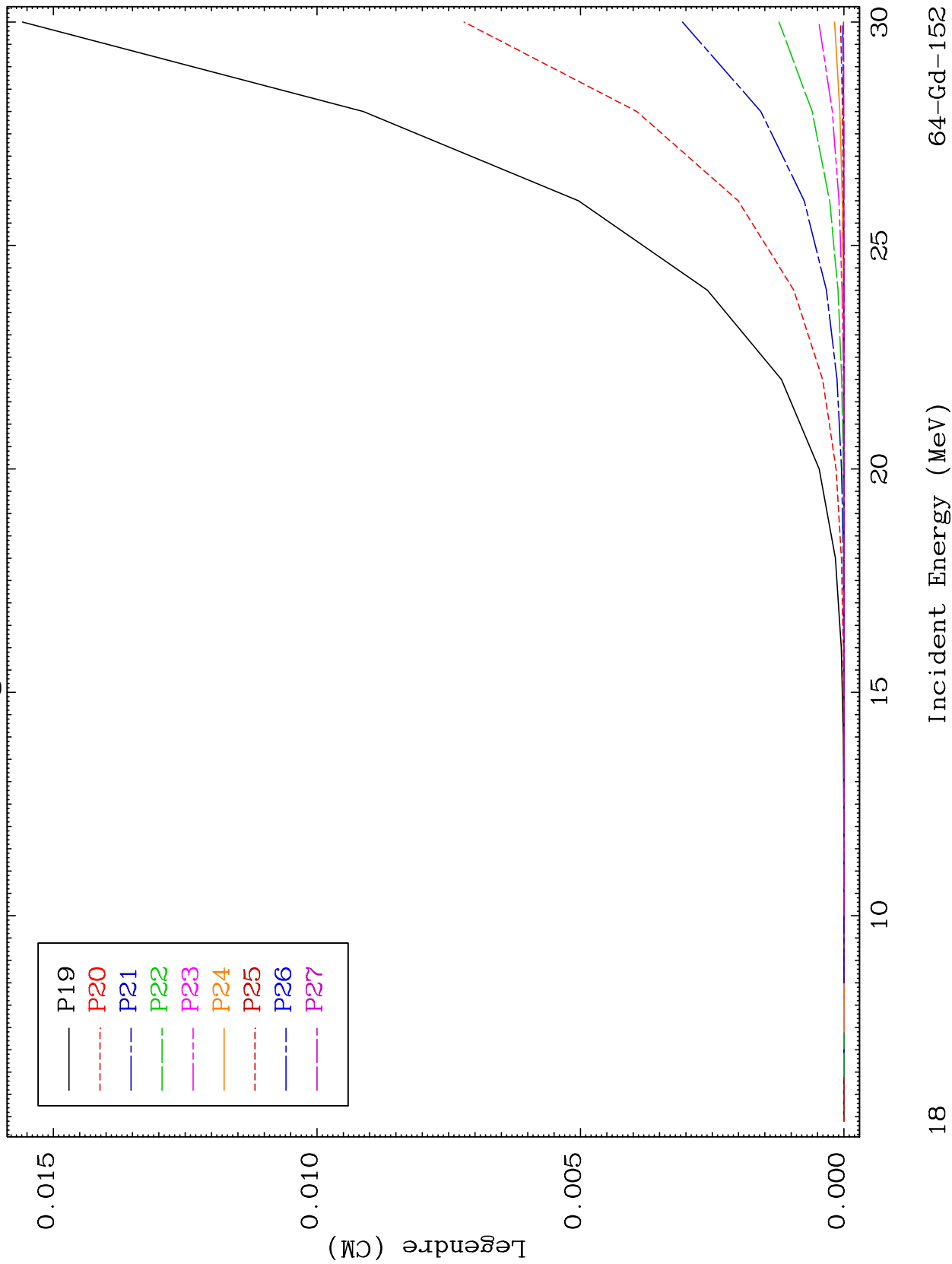
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MAT 6425

Elastic Legendre Coefficients

64-Gd-152



18

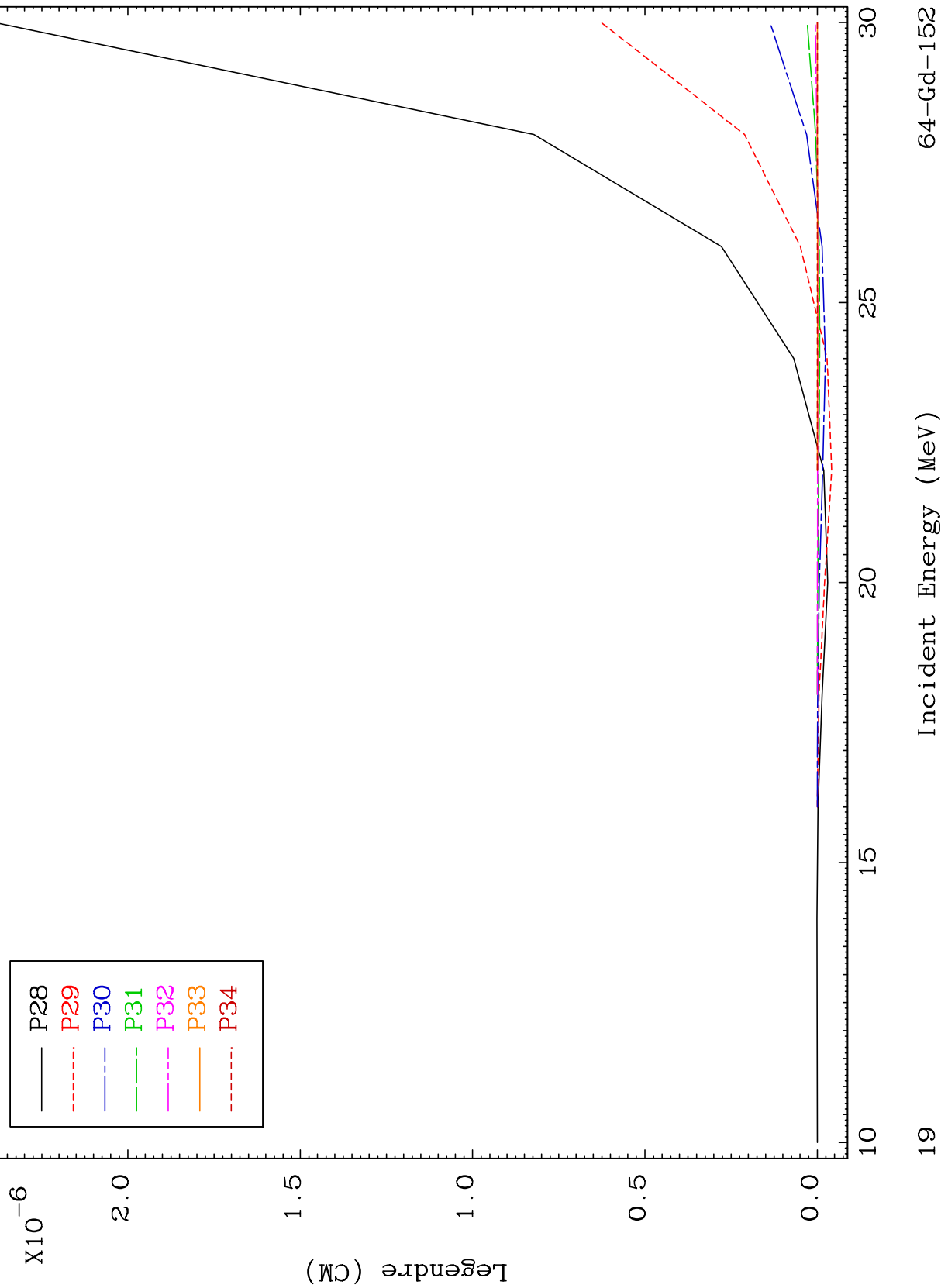
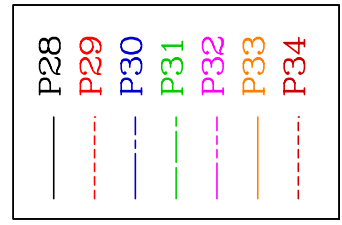
Incident Energy (MeV)

64-Gd-152

MAT 6425

Elastic Legendre Coefficients

64-Gd-152



19

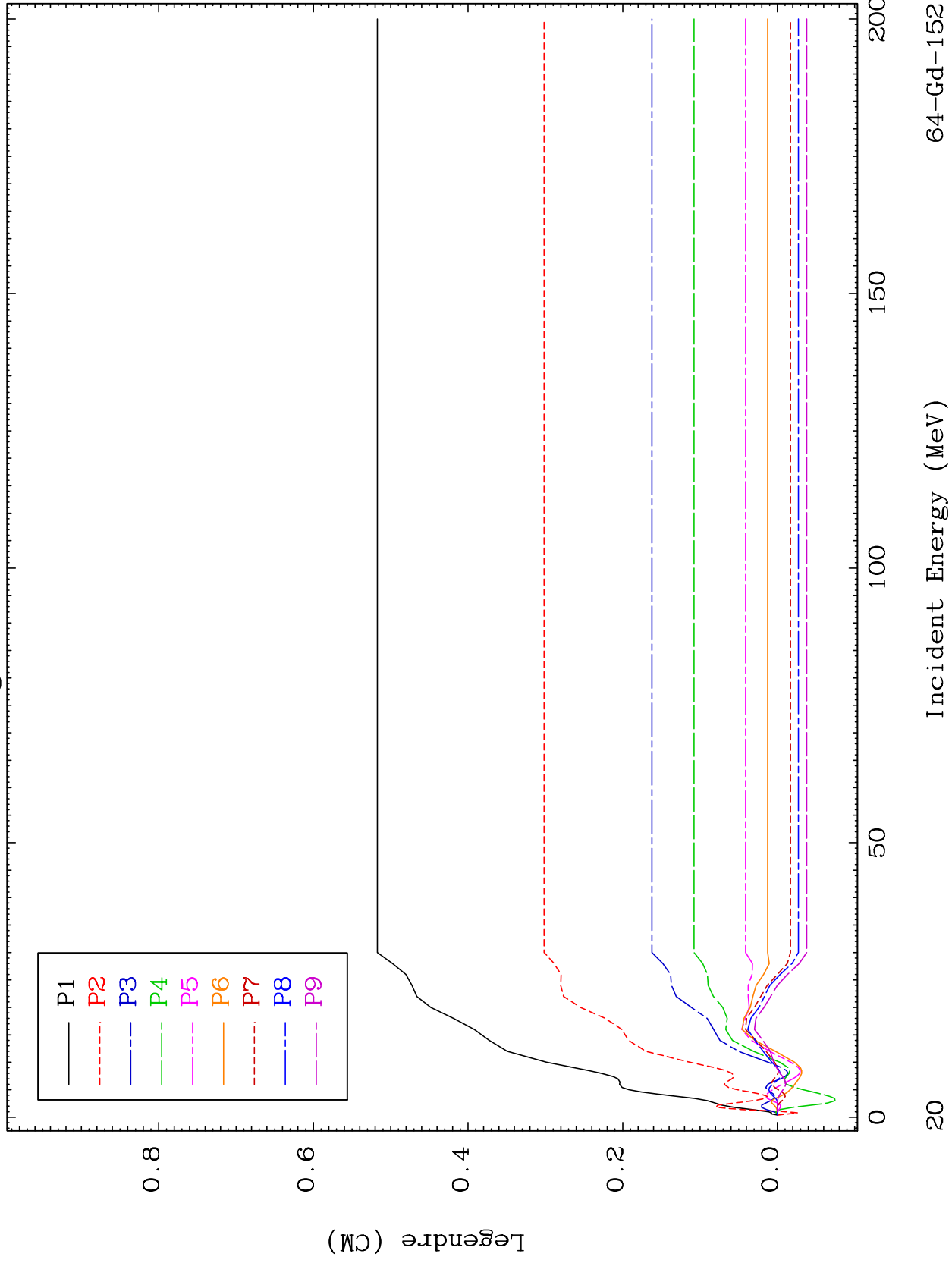
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

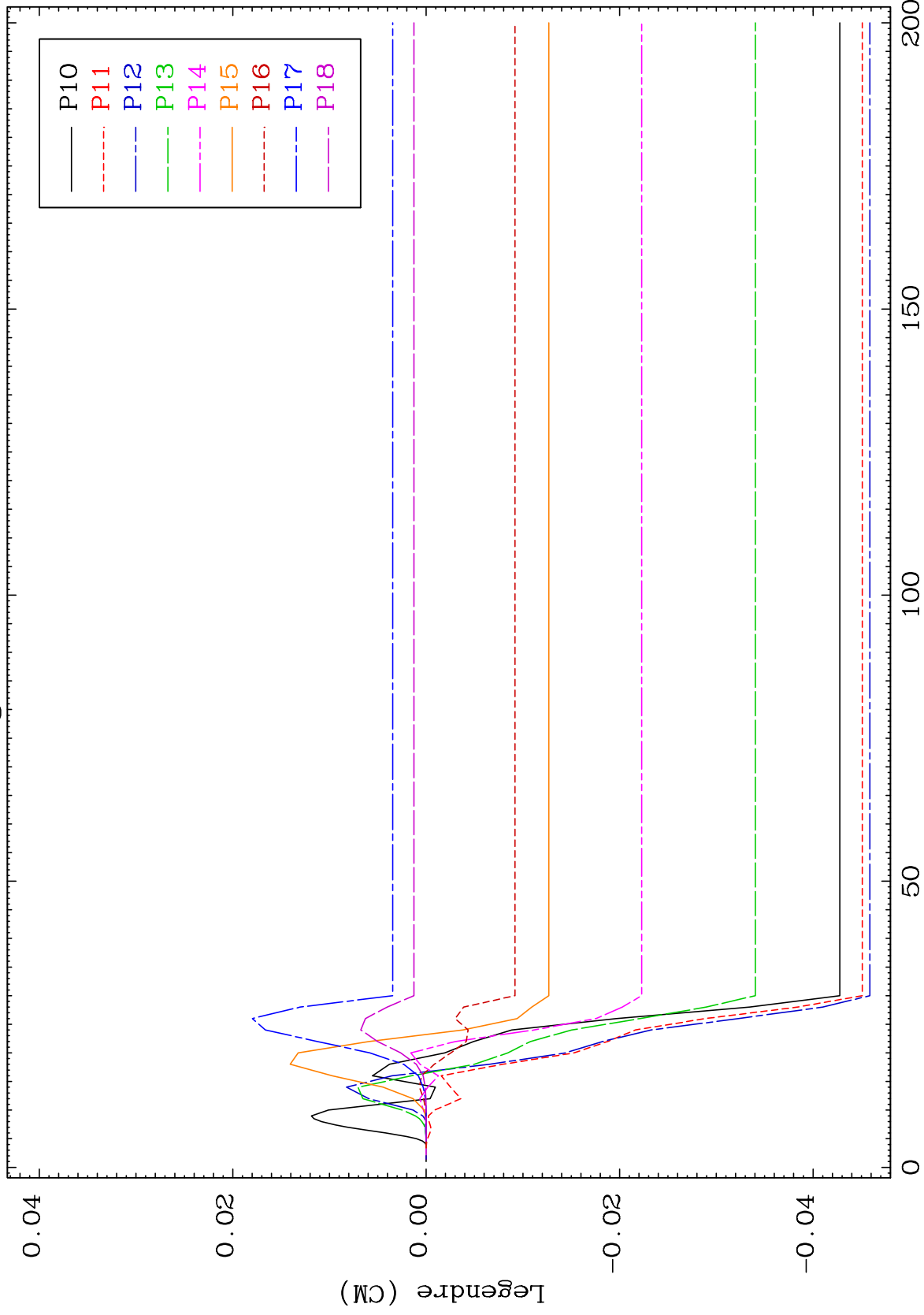
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MAT 6425

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

64-Gd-152



21

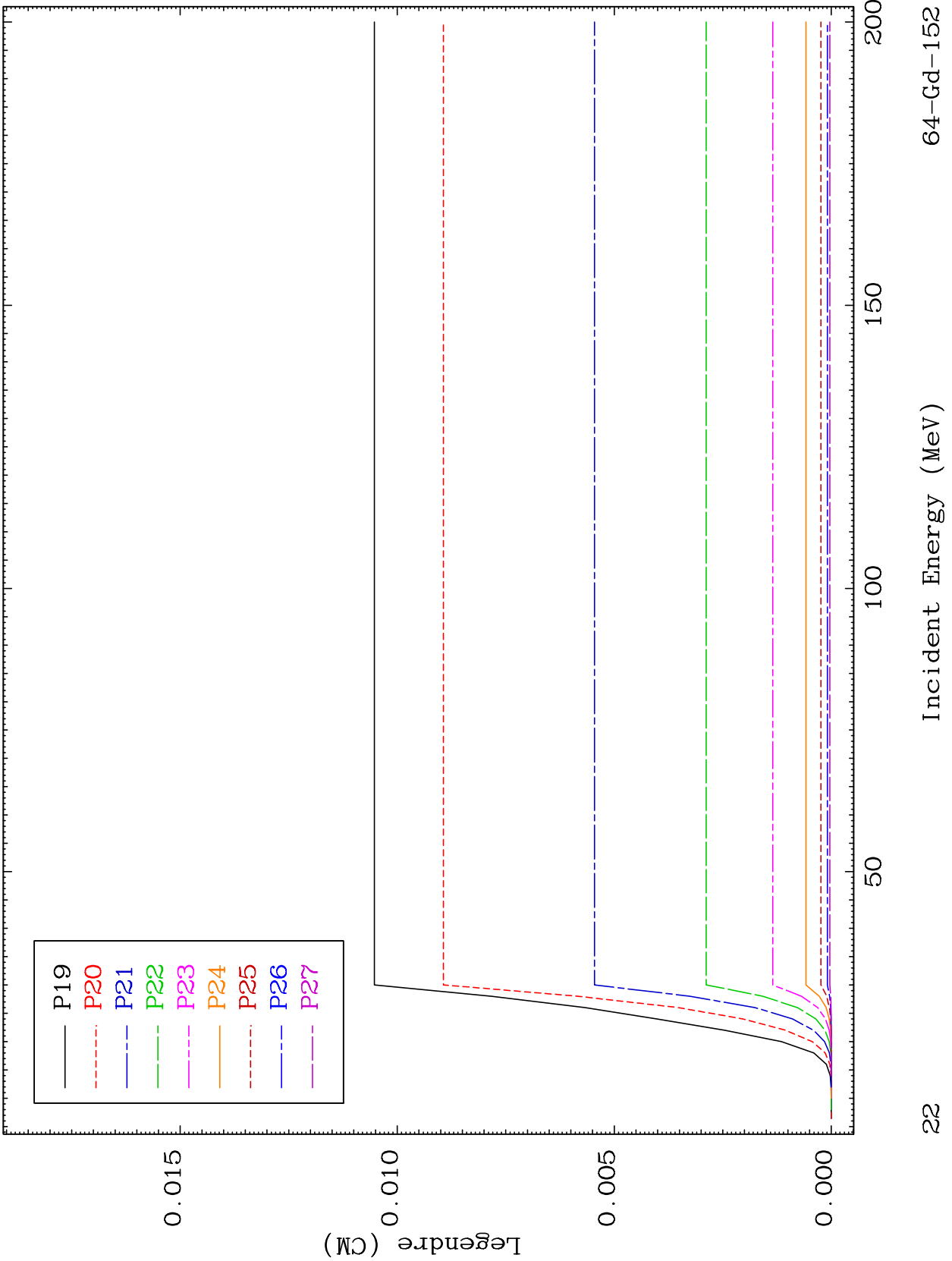
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



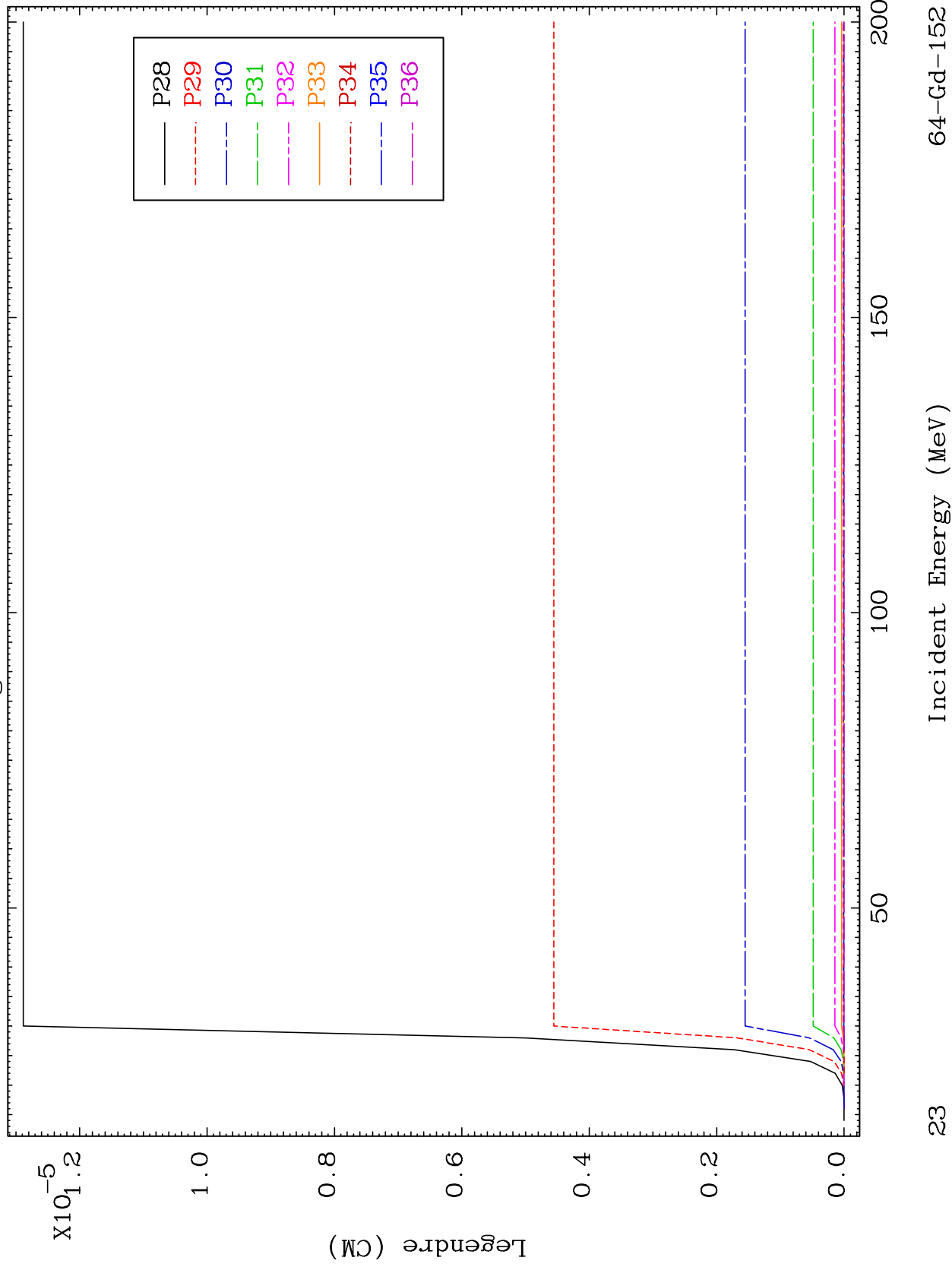
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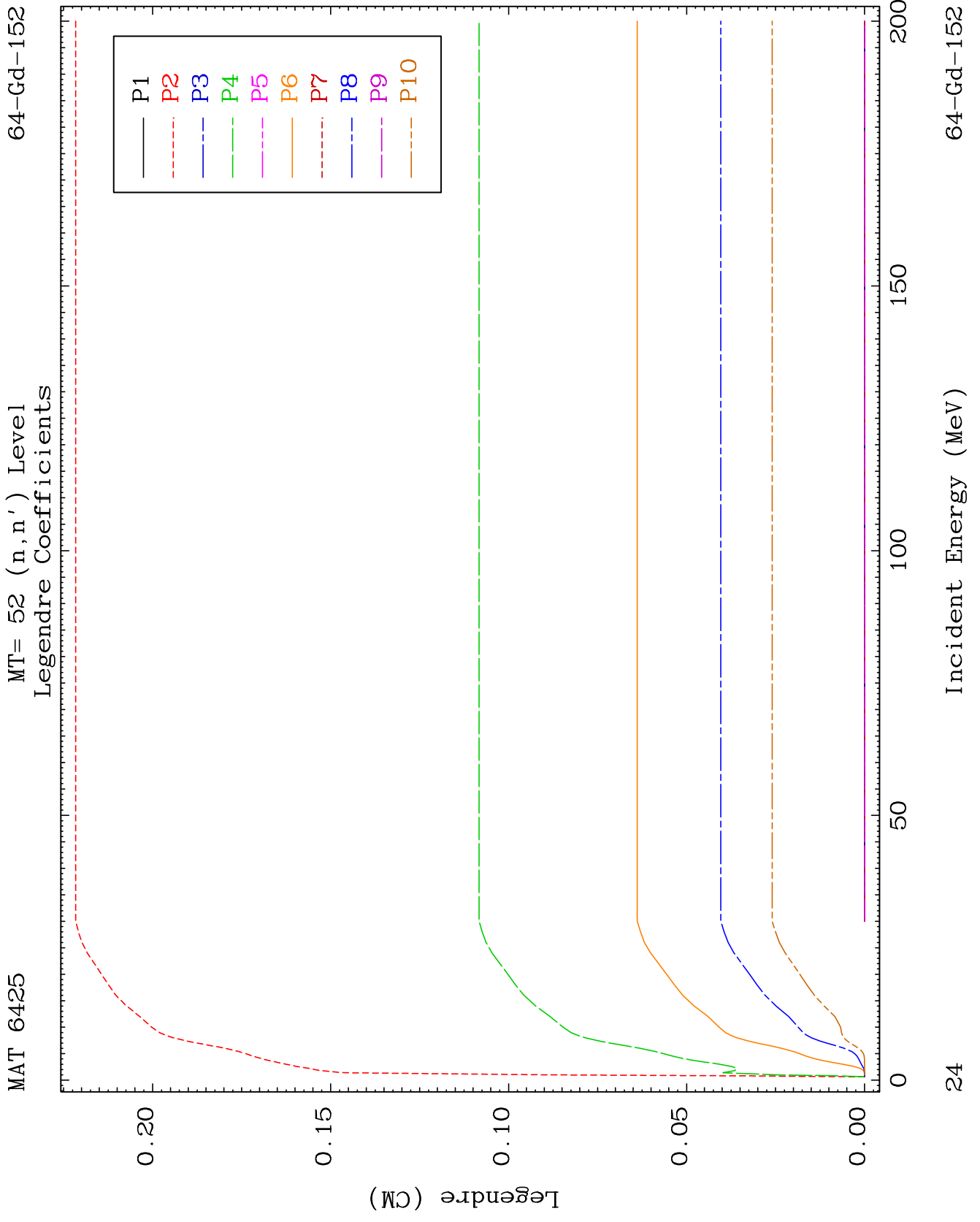
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MAT 6425

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

64-Gd-152

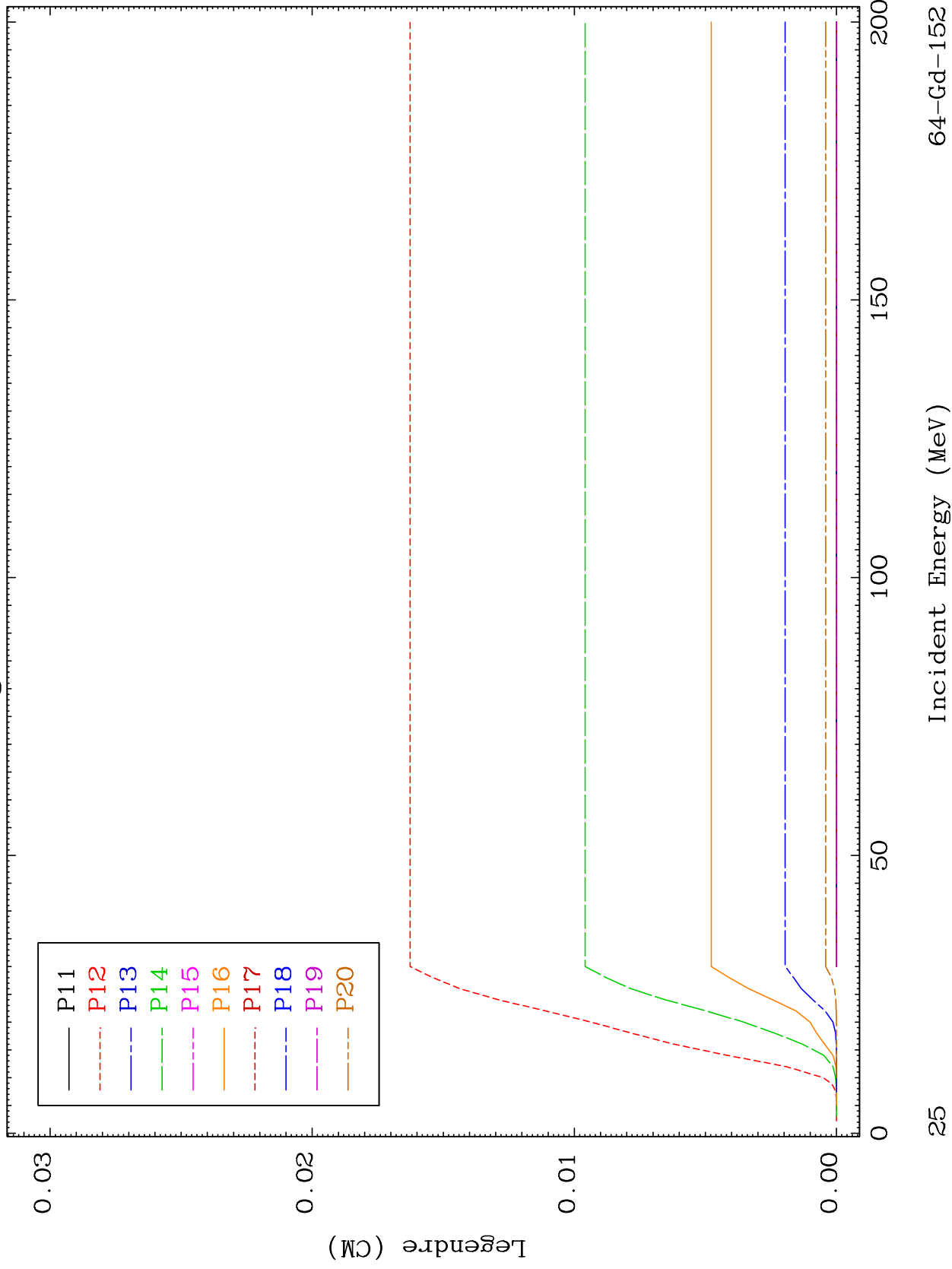




MAT 6425

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

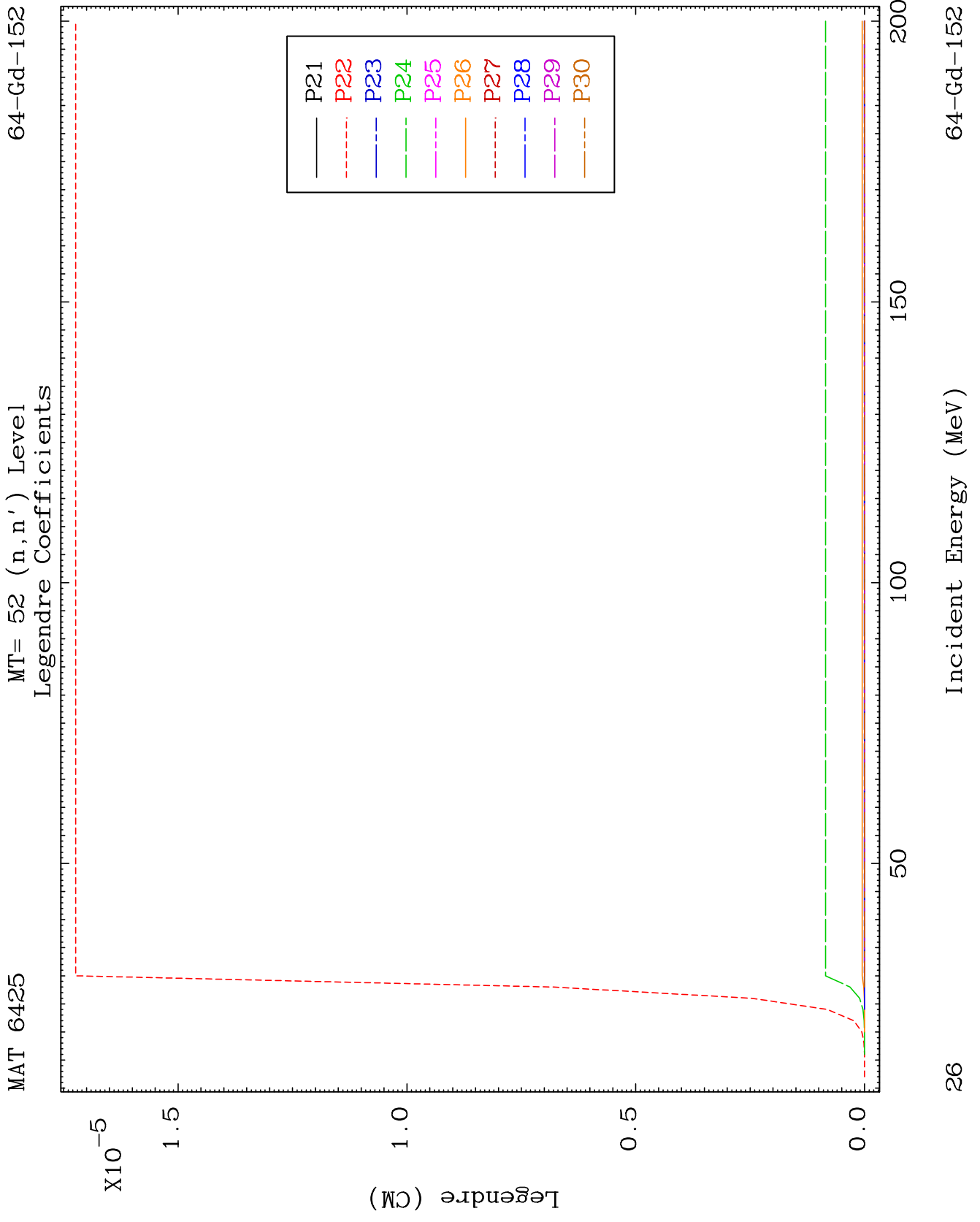
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64-Gd-152

Incident Energy (MeV)

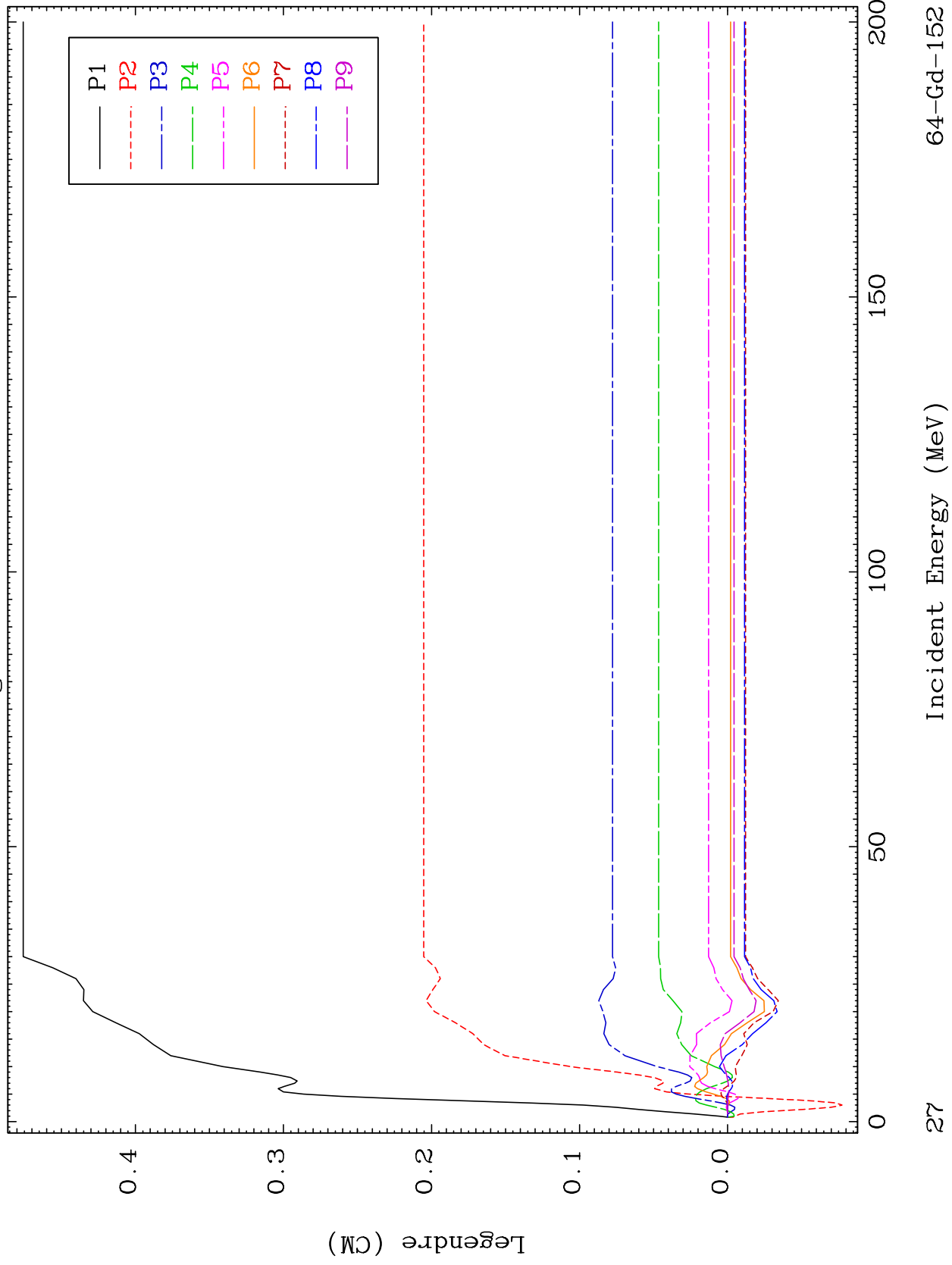
25



MAT 6425

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

64-Gd-152



64-Gd-152

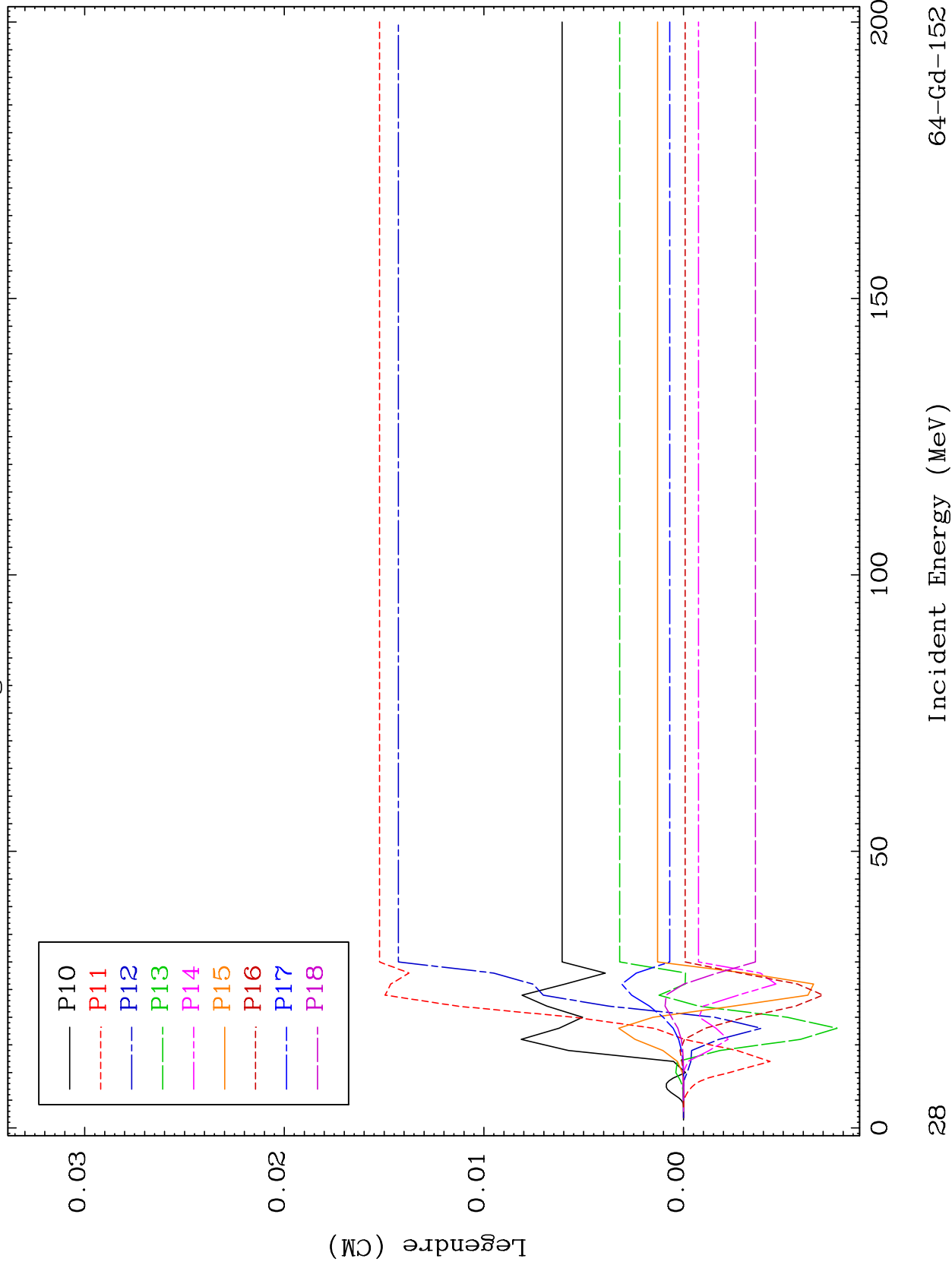
Incident Energy (MeV)

27

MAT 6425

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

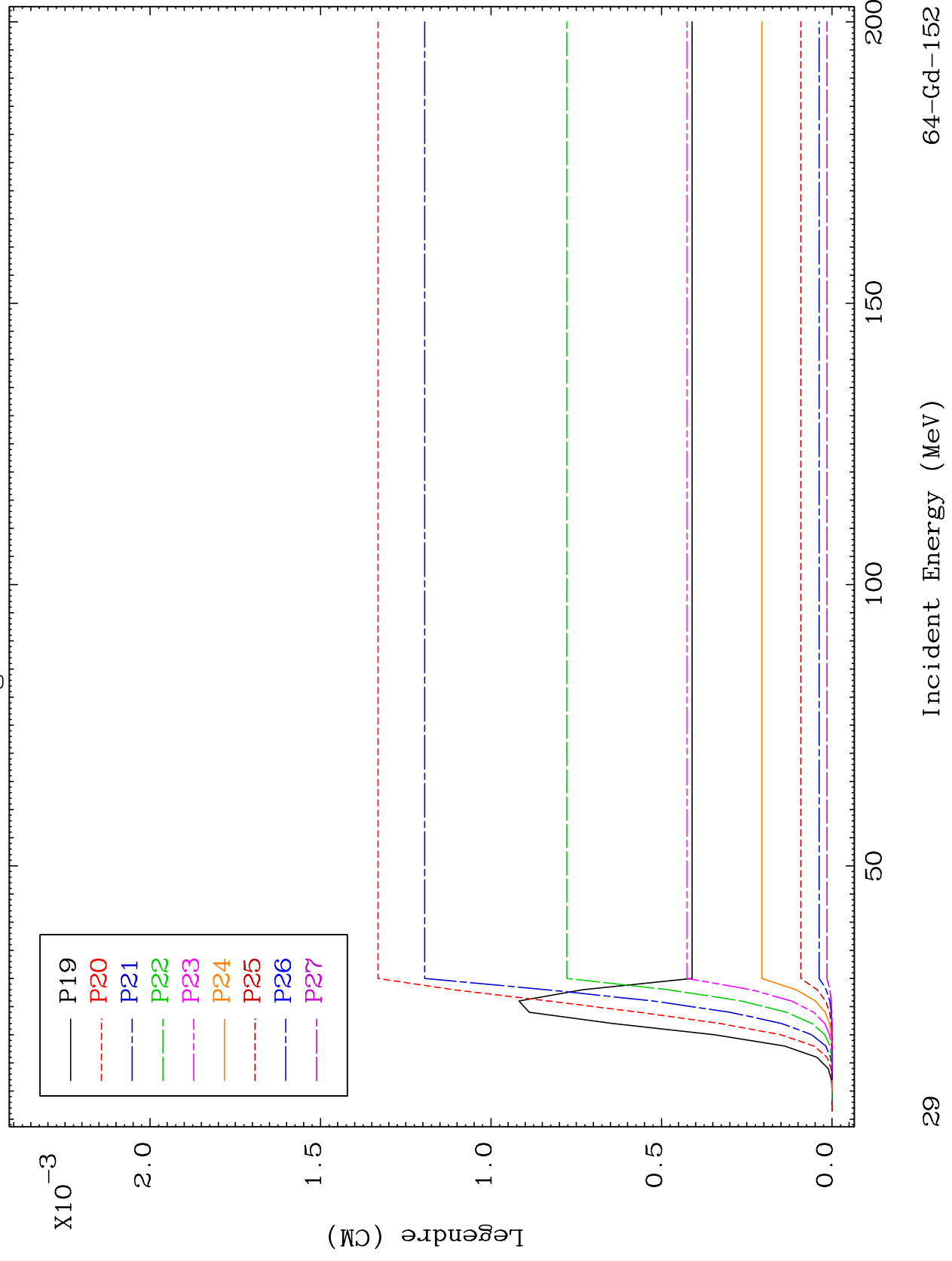
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28

Incident Energy (MeV)

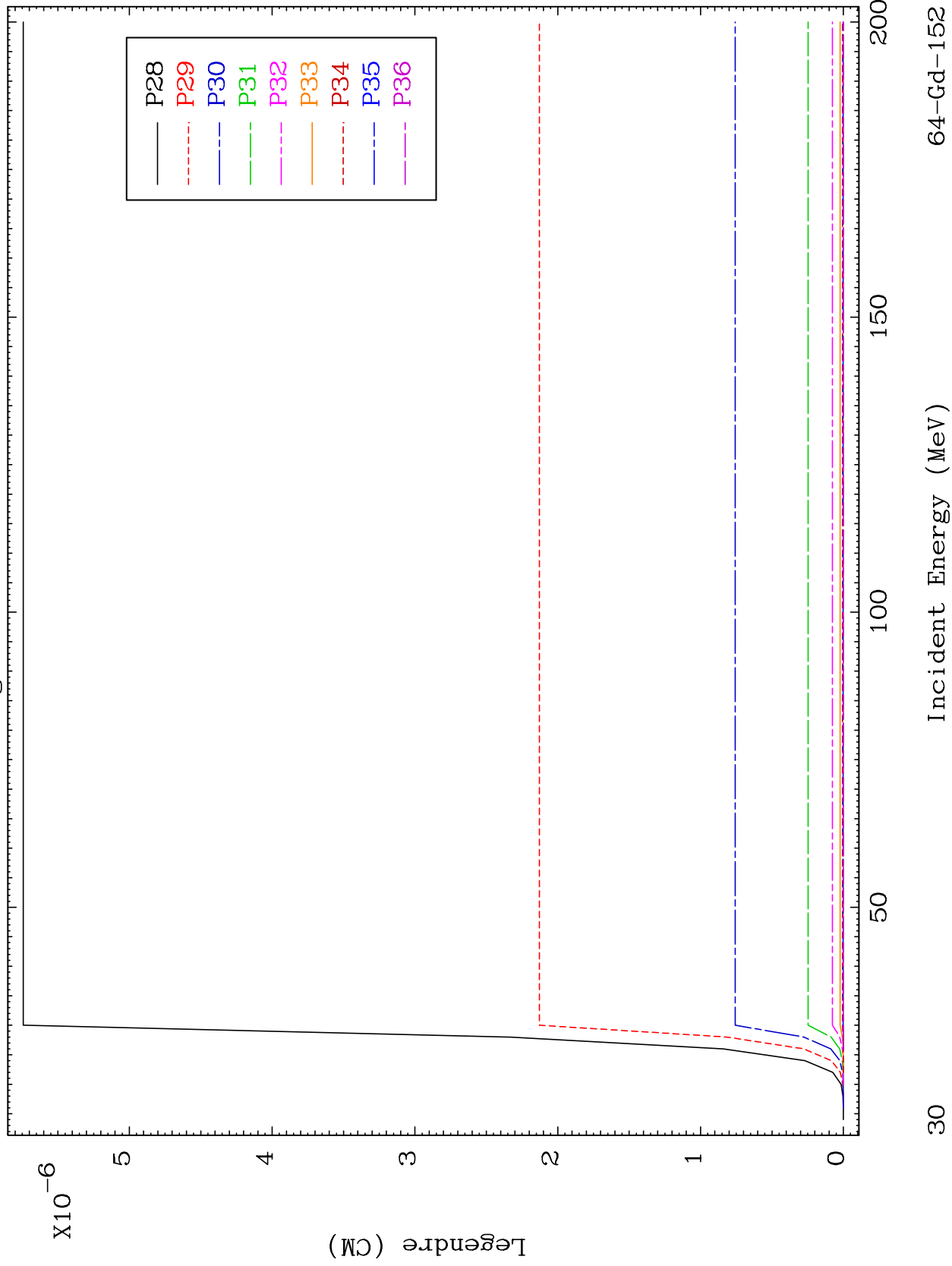
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MAT 6425

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

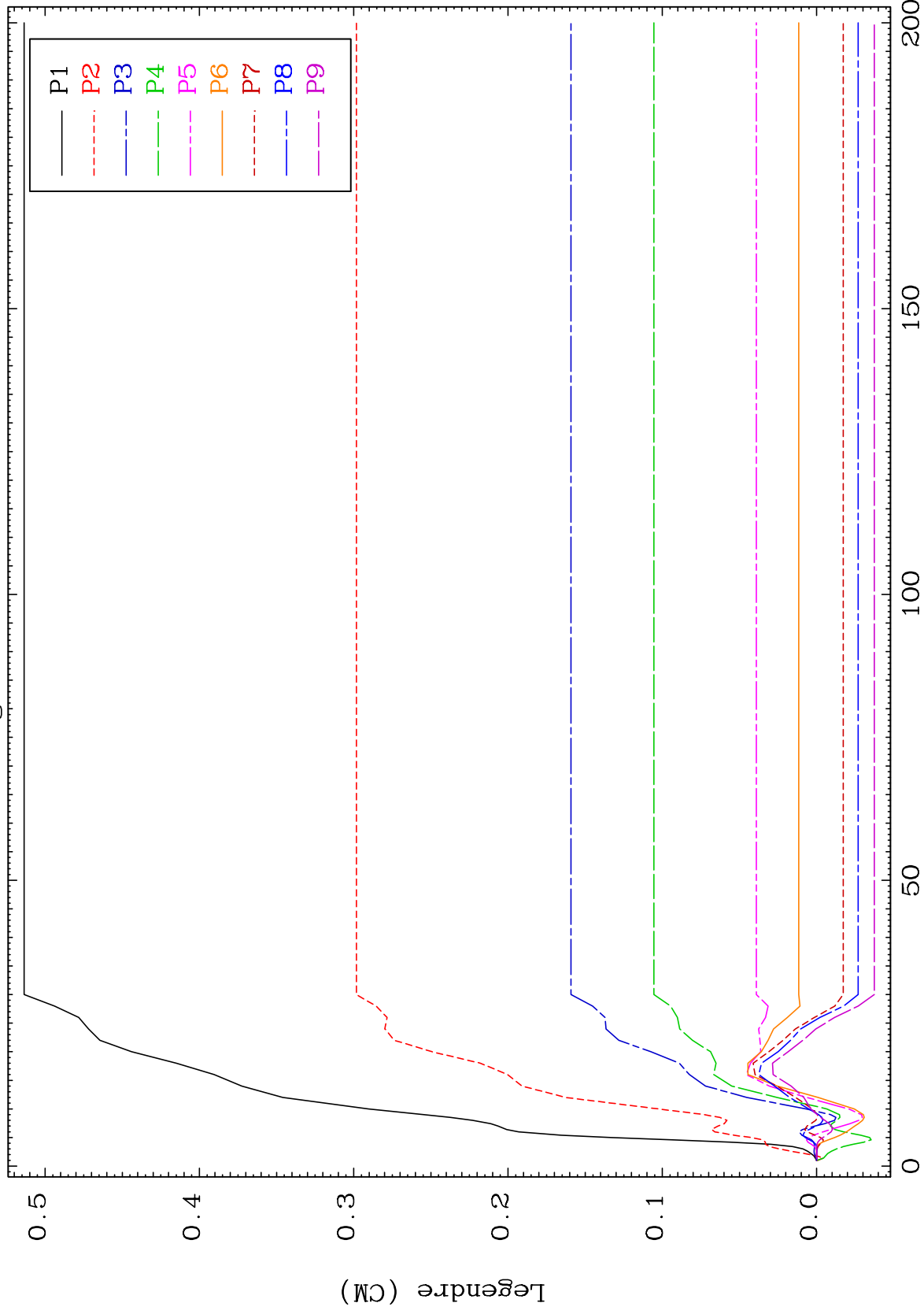
64-Gd-152



MAT 6425

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

64-Gd-152



31

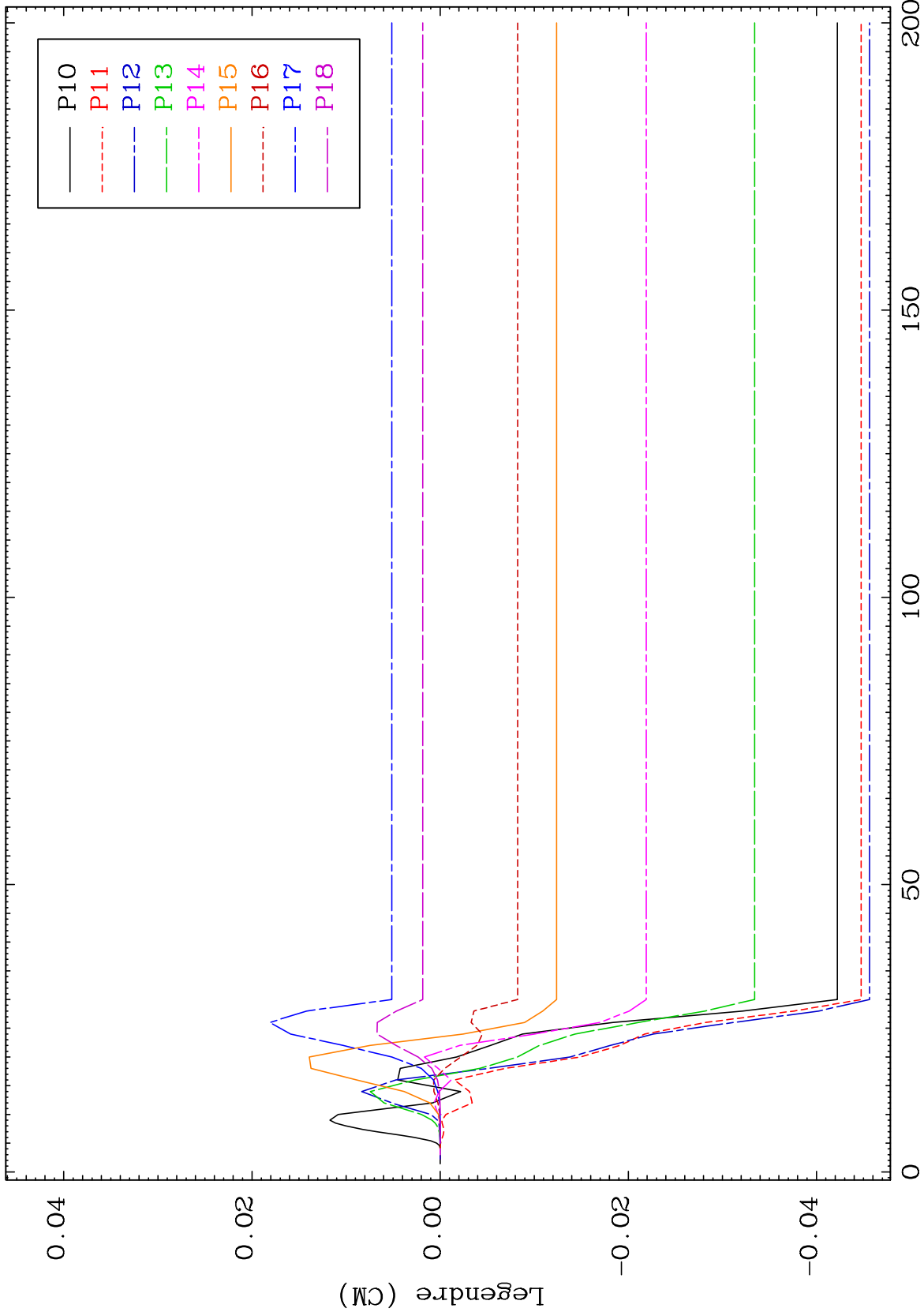
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

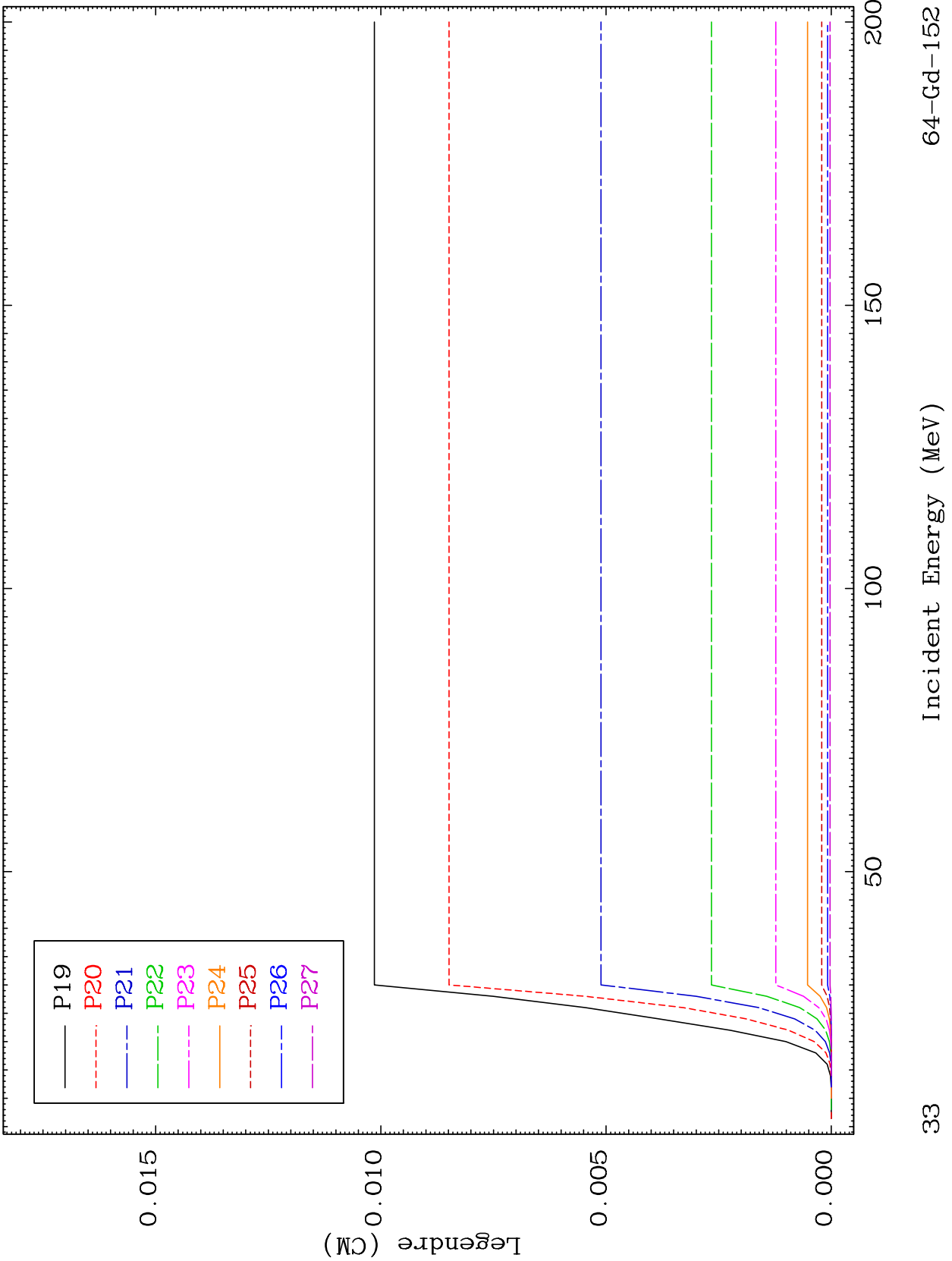
64-Gd-152



32

Incident Energy (MeV)

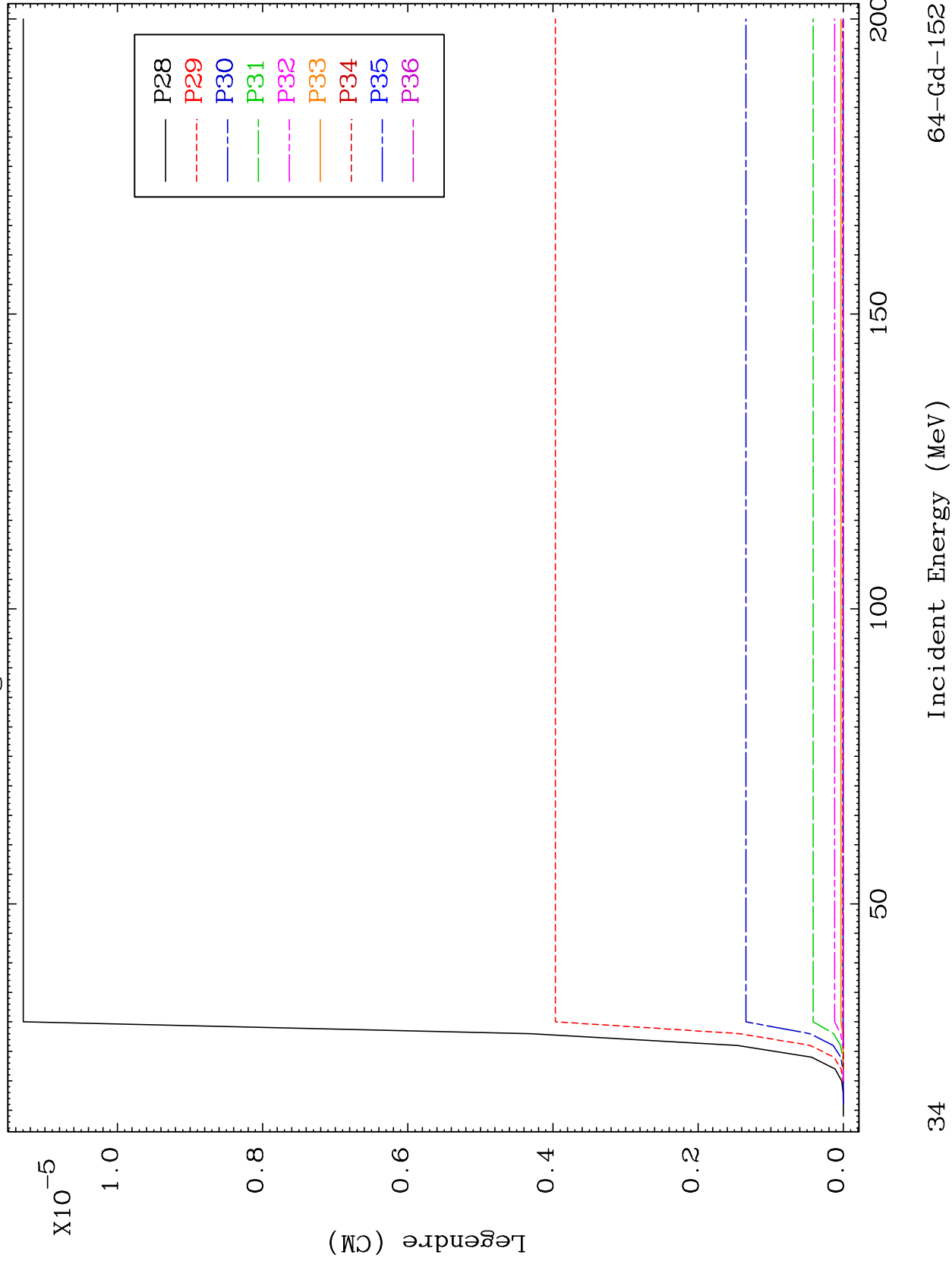
64-Gd-152



MAT 6425

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

64-Gd-152



34

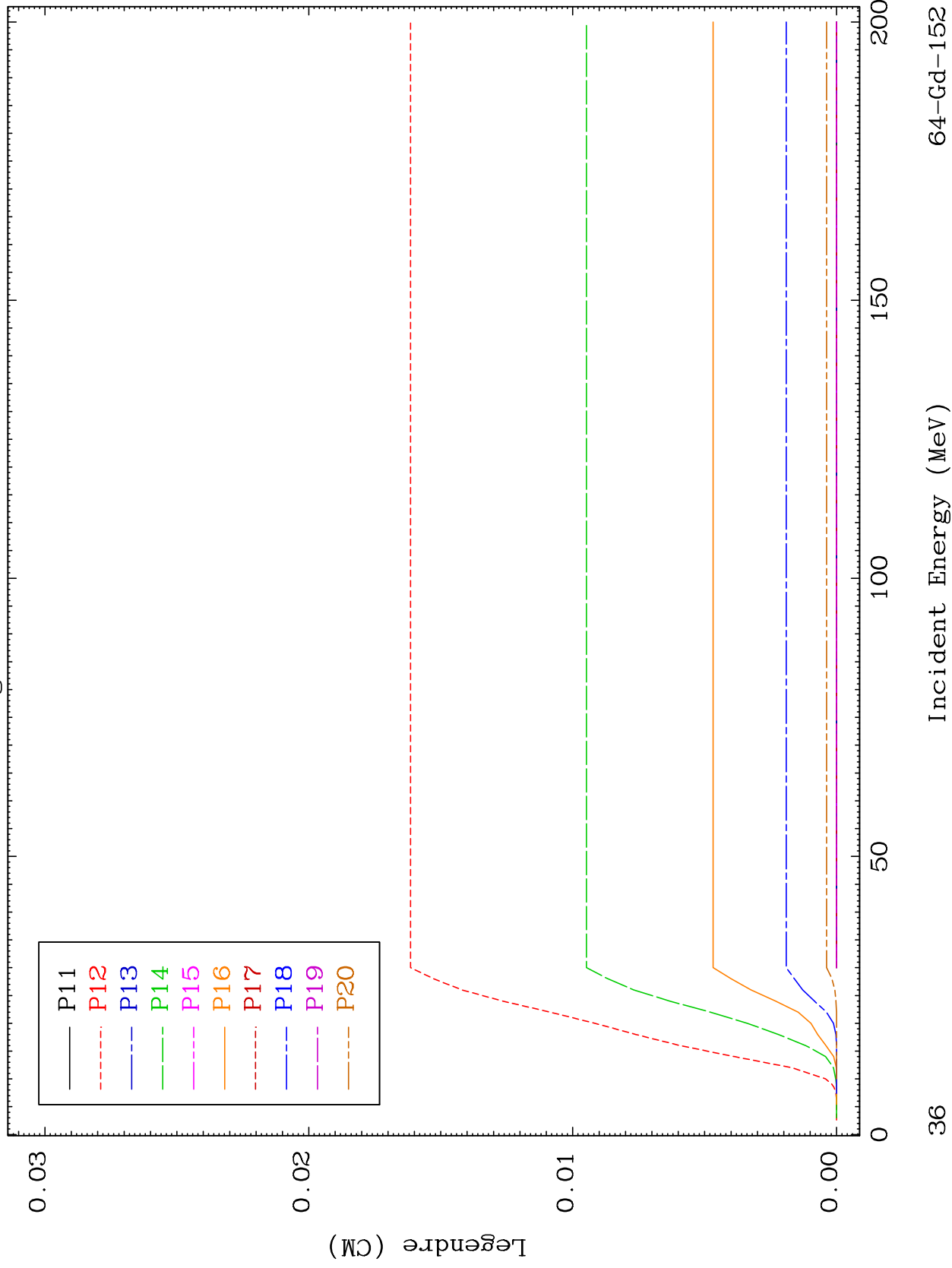
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

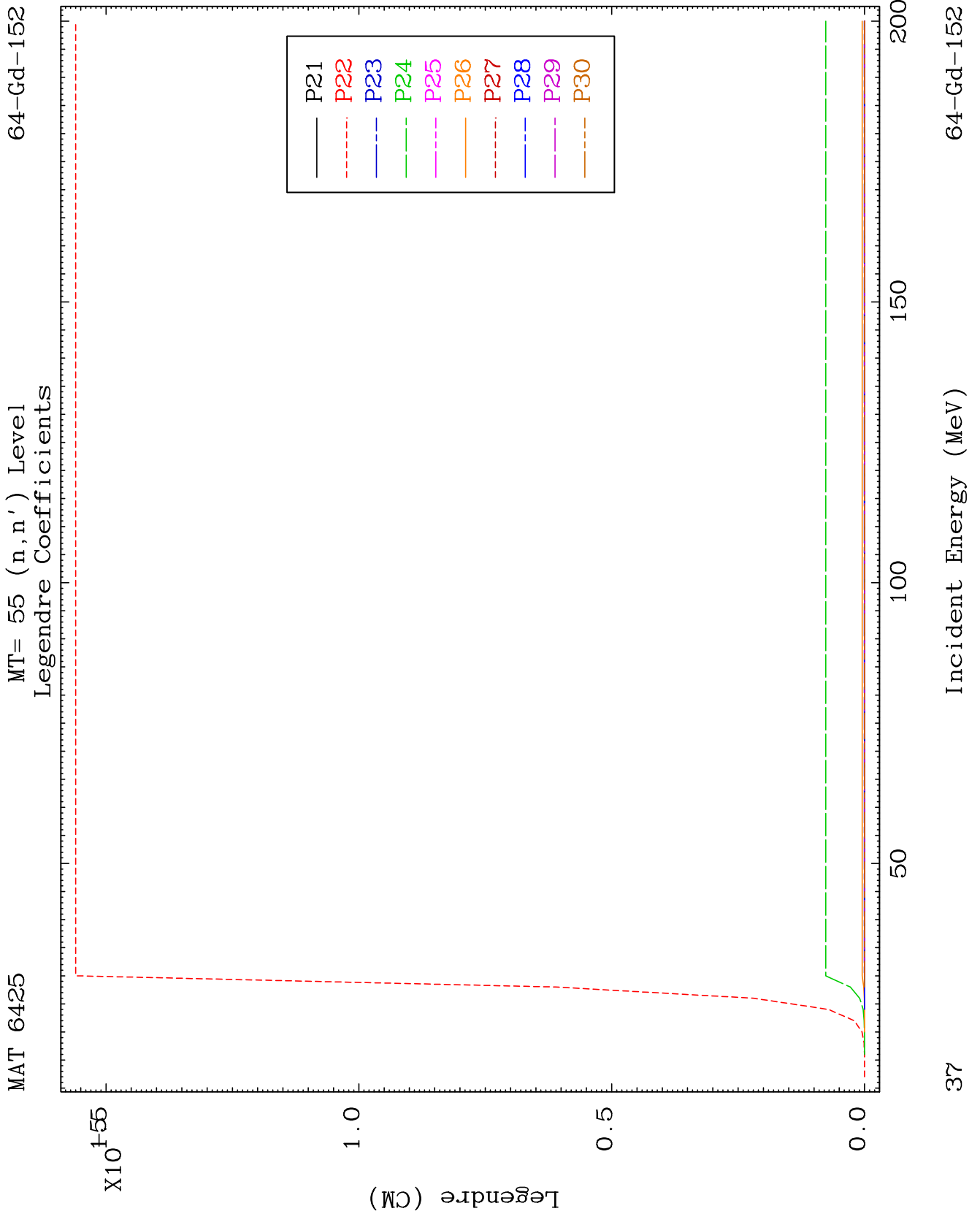
64-Gd-152



36

Incident Energy (MeV)

64-Gd-152

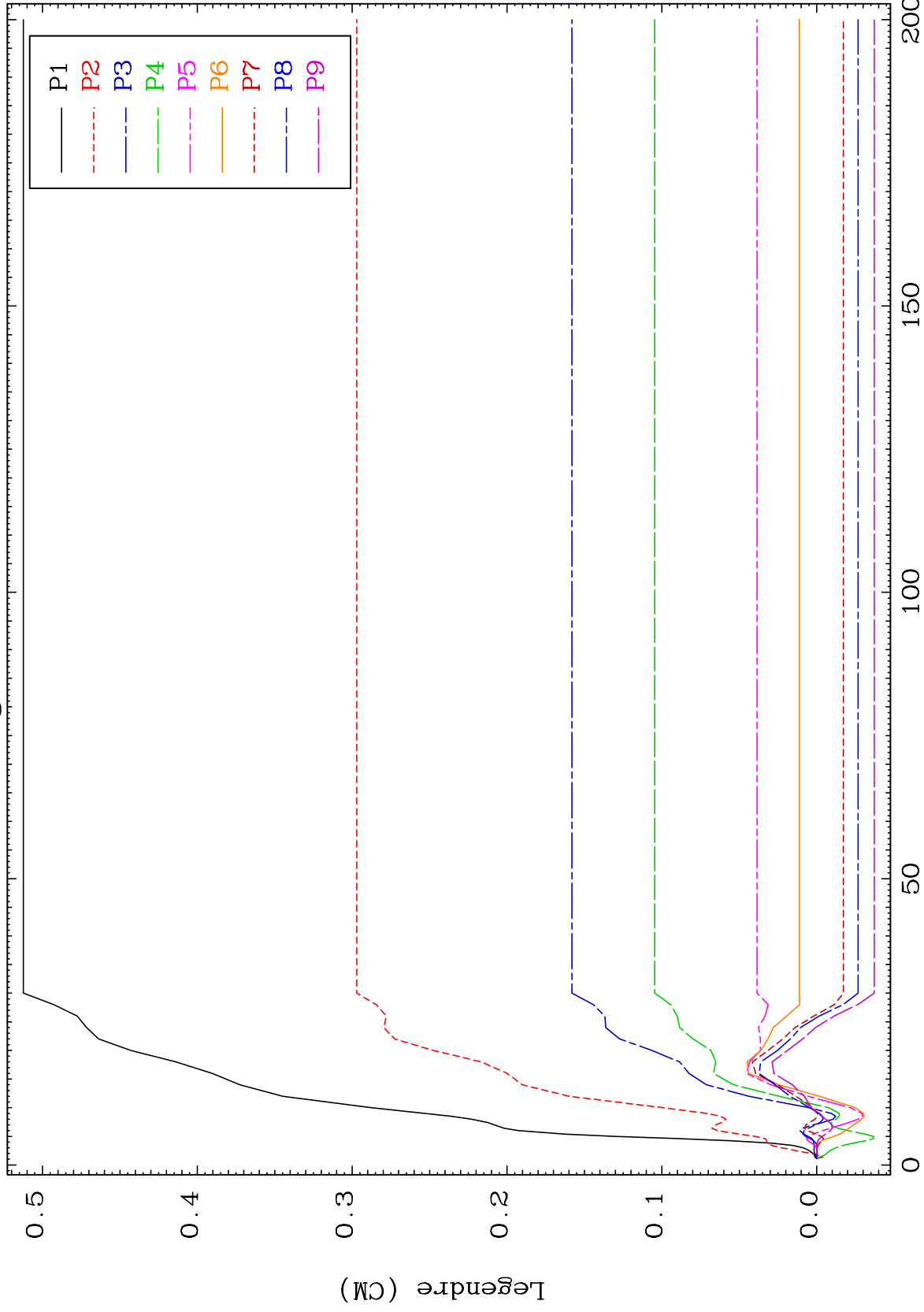


MAT 6425

MT= 56 (n,n') Level

64-Gd-152

Legendre Coefficients



38

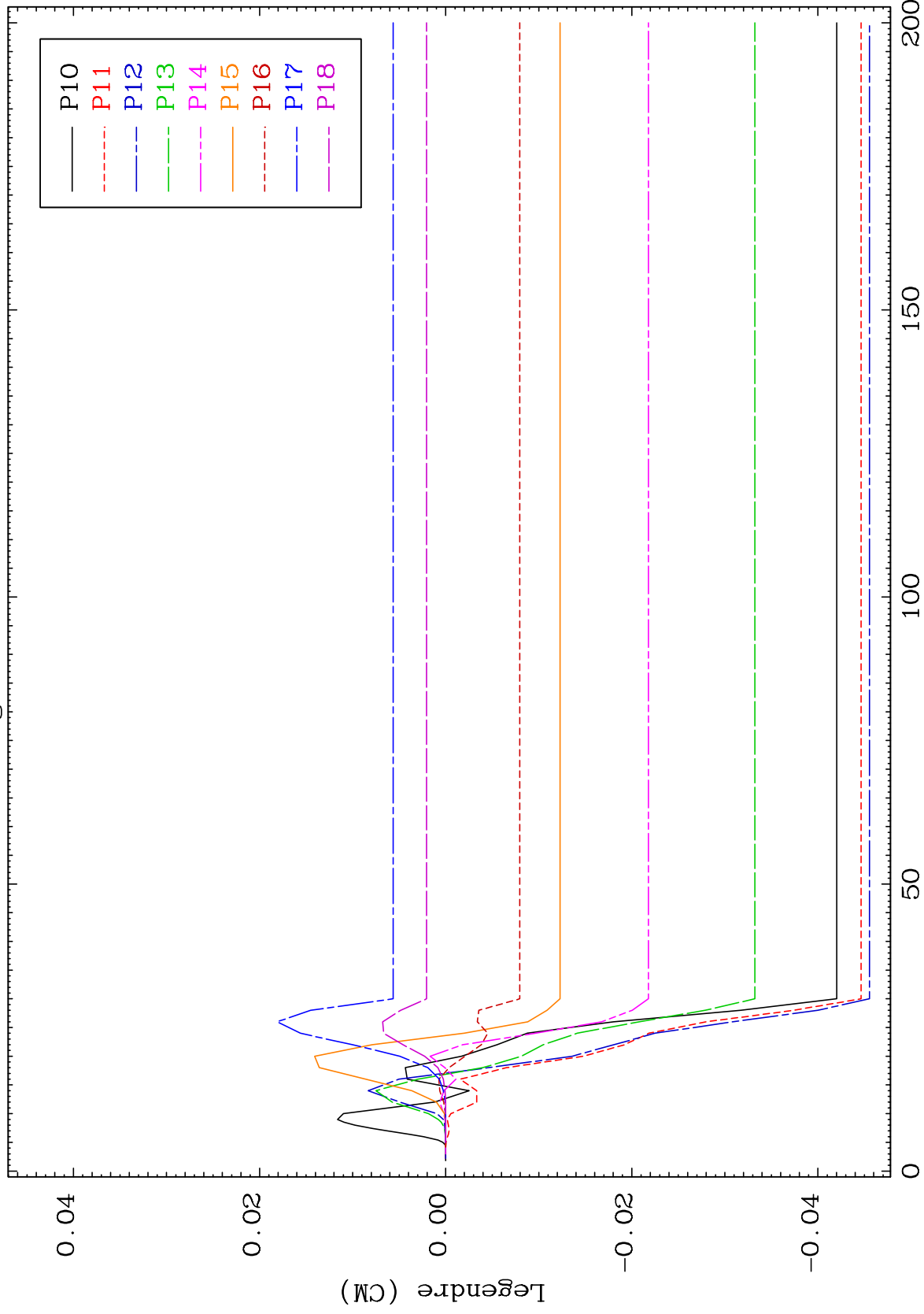
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



39

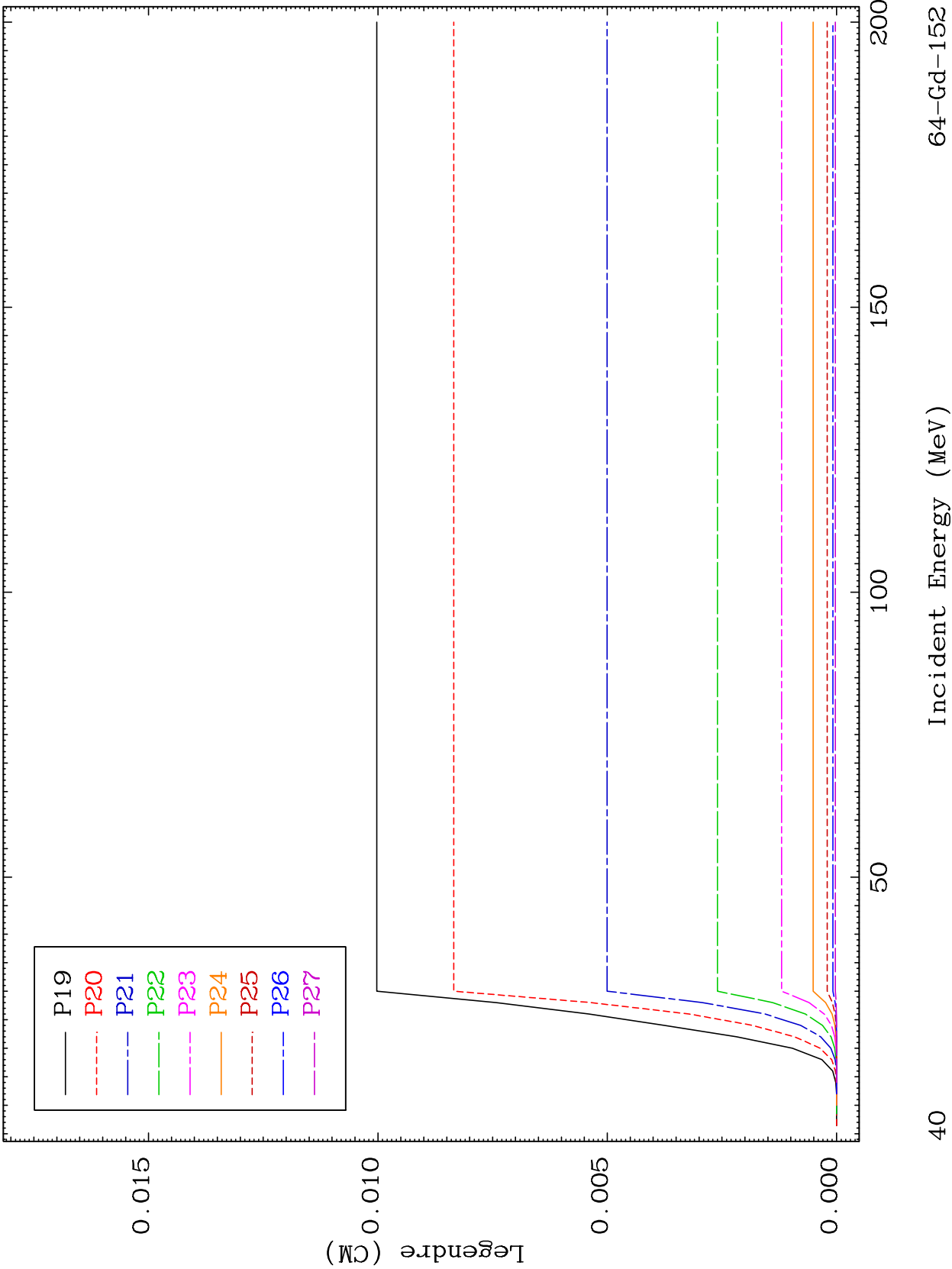
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



40

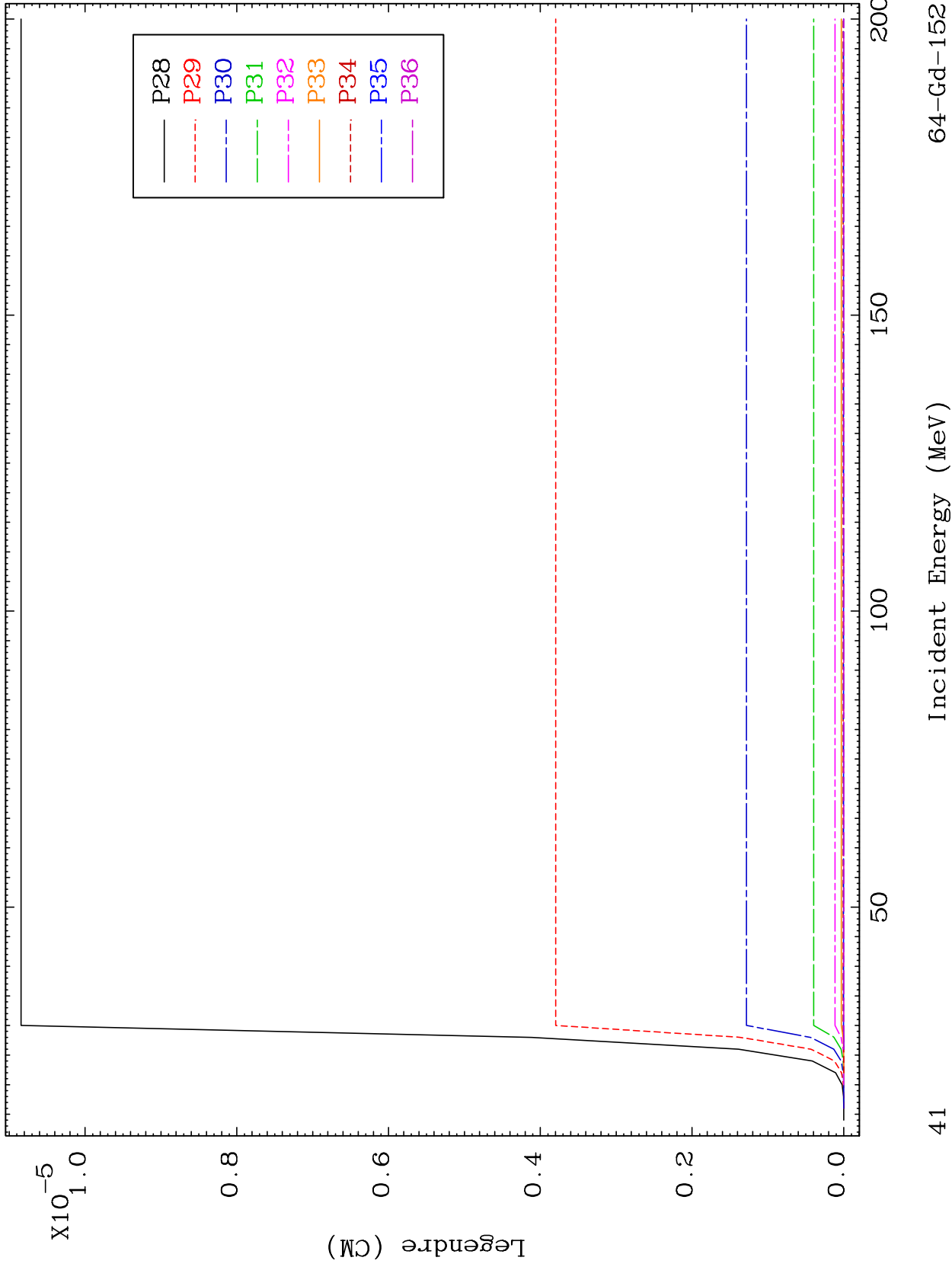
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



41

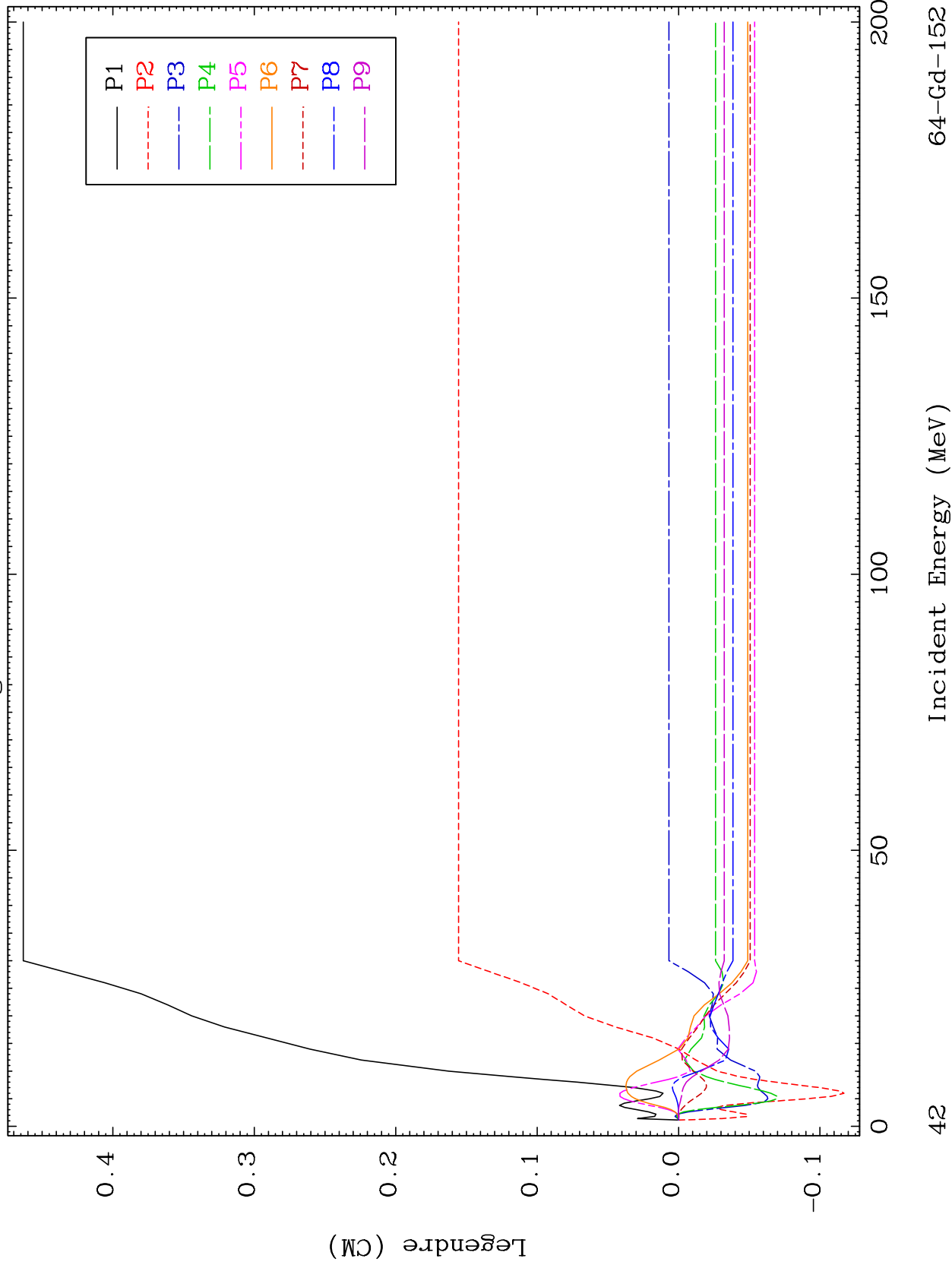
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

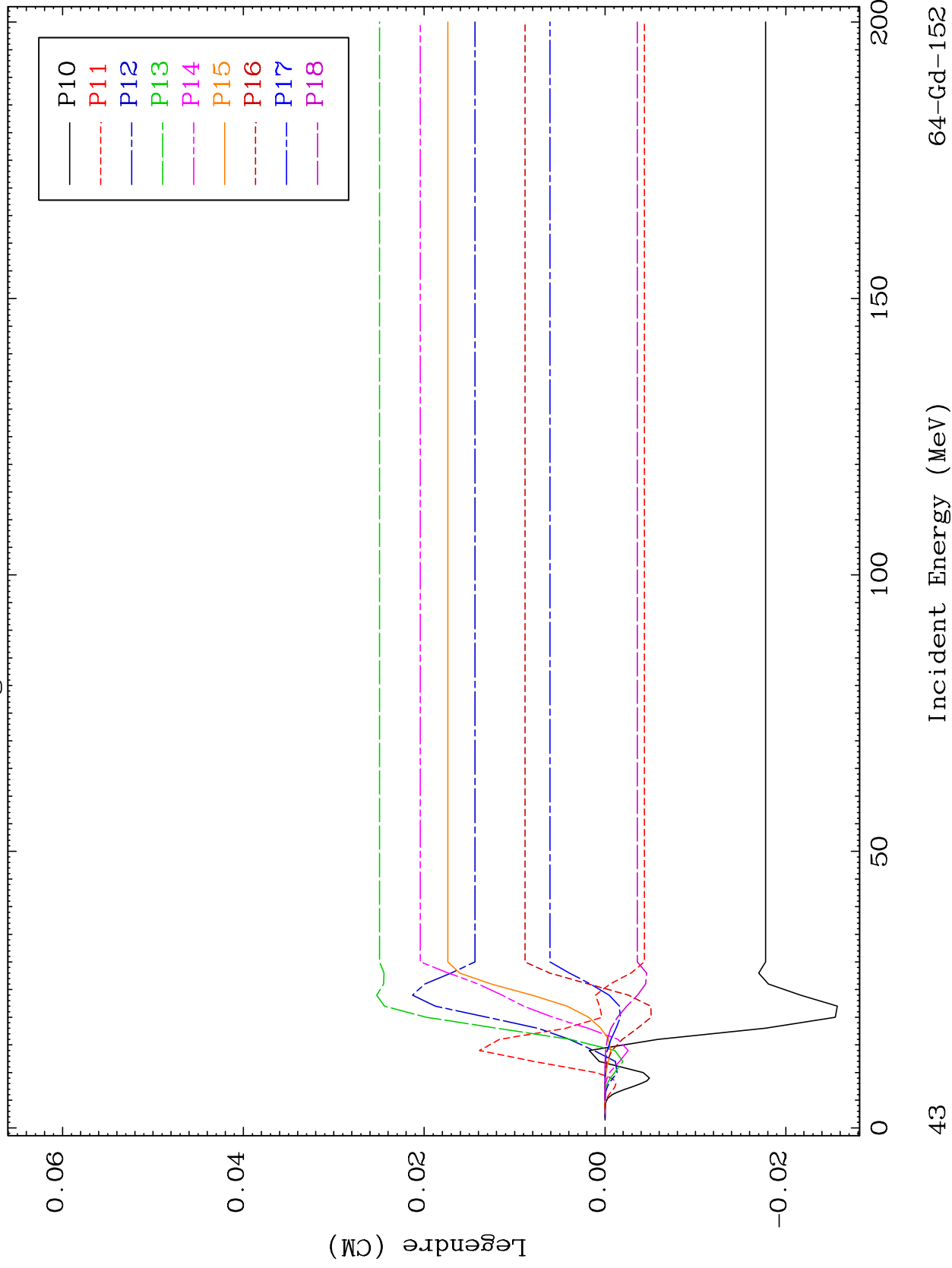
Incident Energy (MeV)

42

MAT 6425

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

64-Gd-152



64-Gd-152

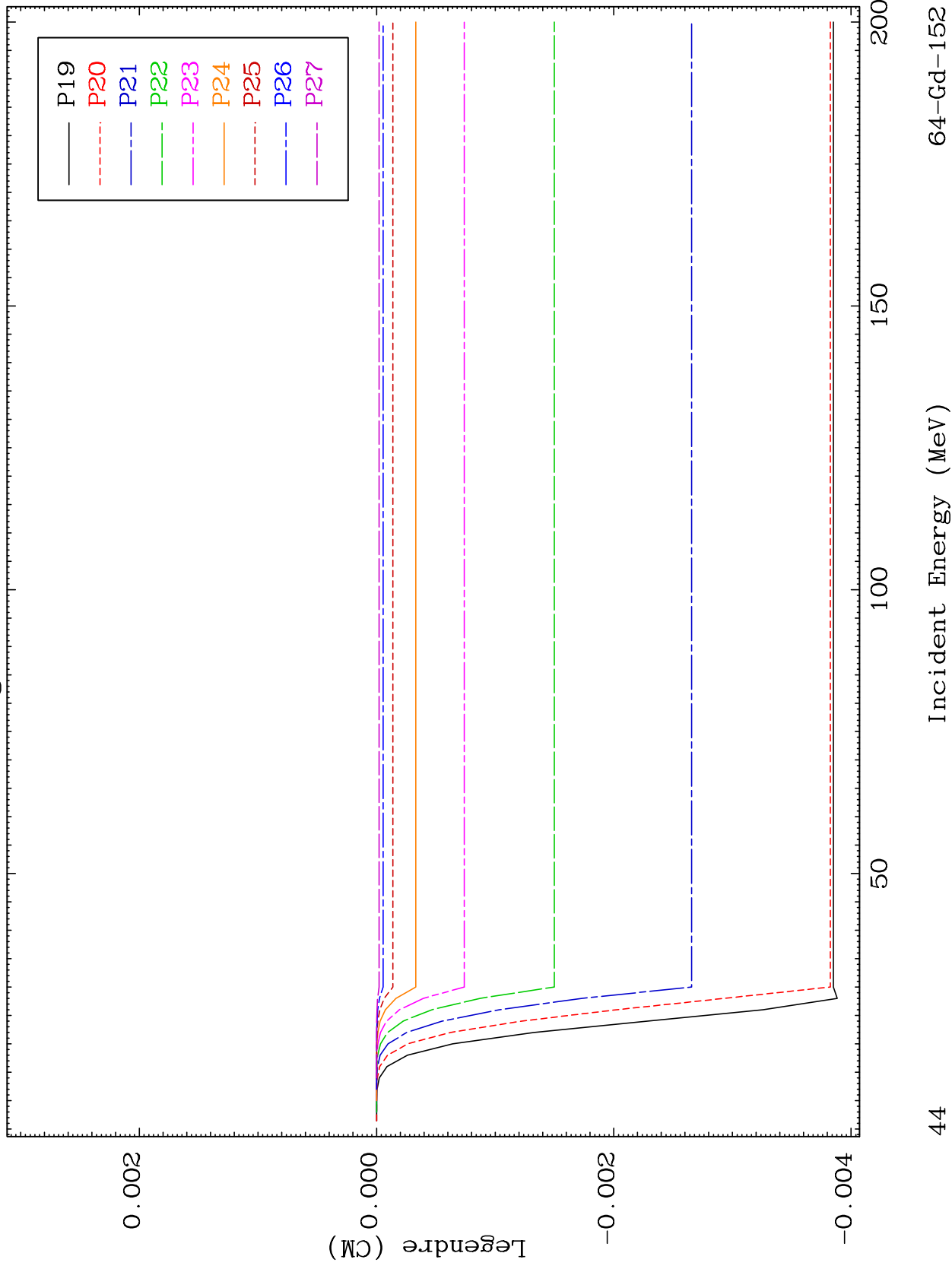
Incident Energy (MeV)

43

MAT 6425

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

64-Gd-152



44

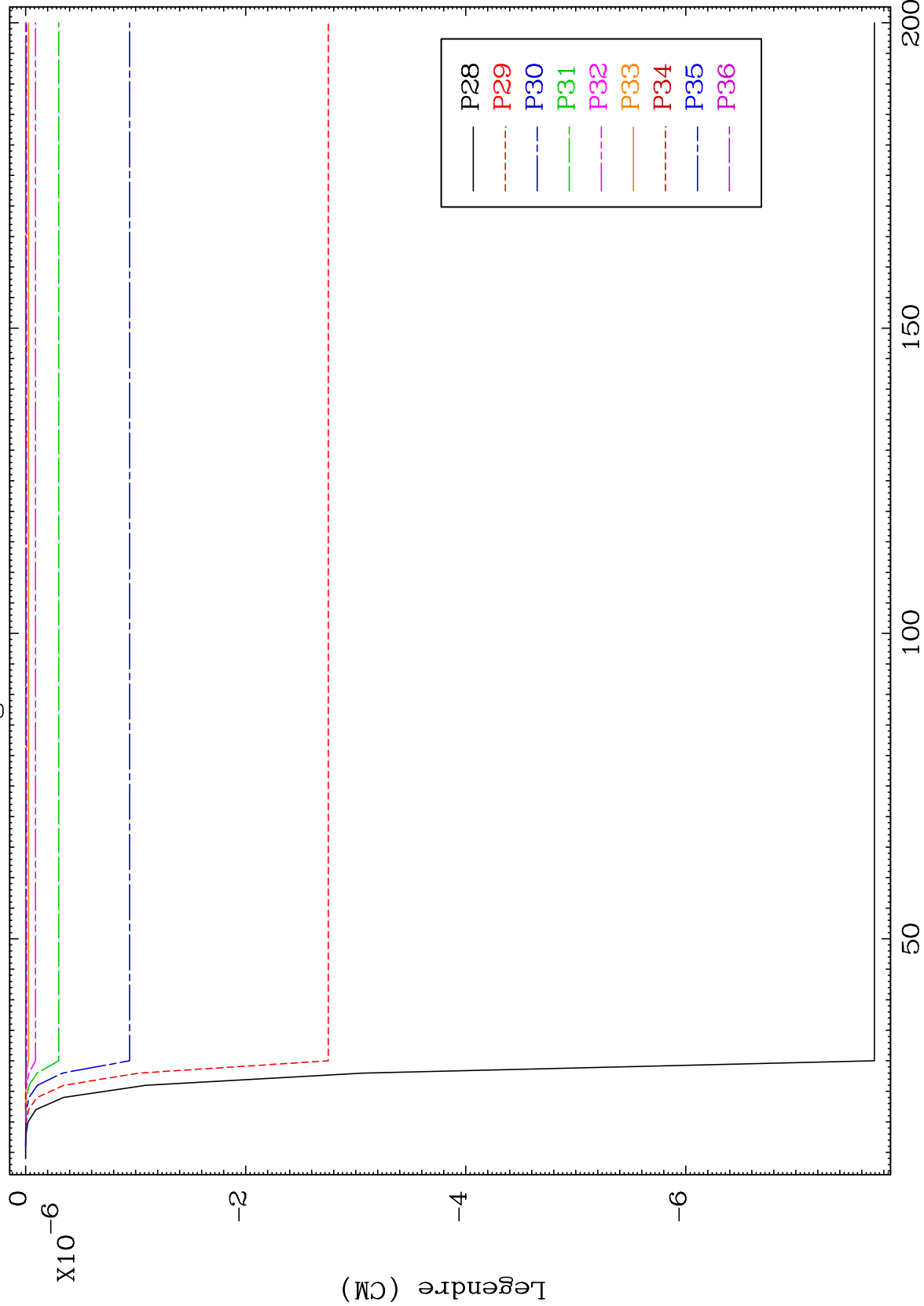
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



45

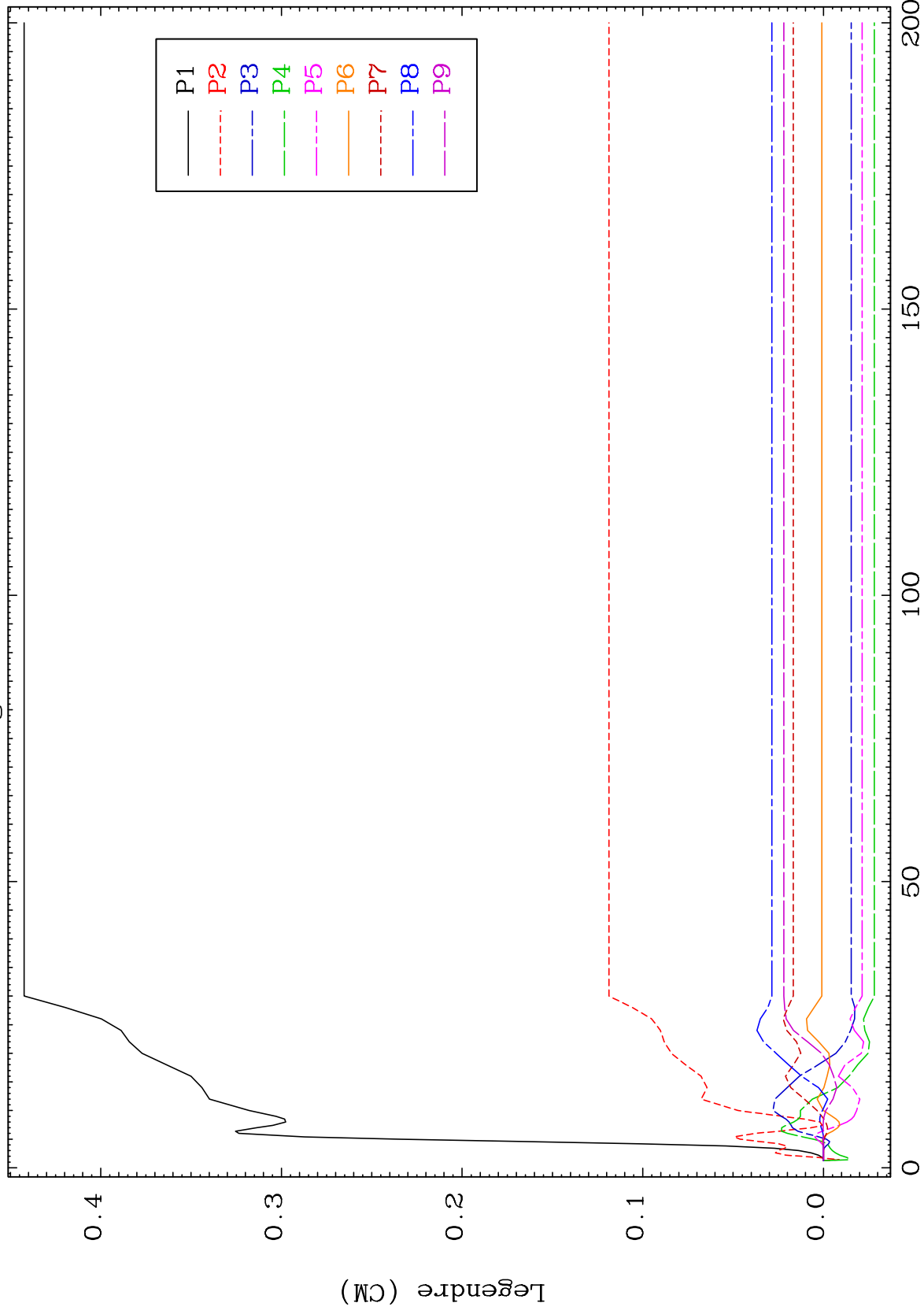
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



46

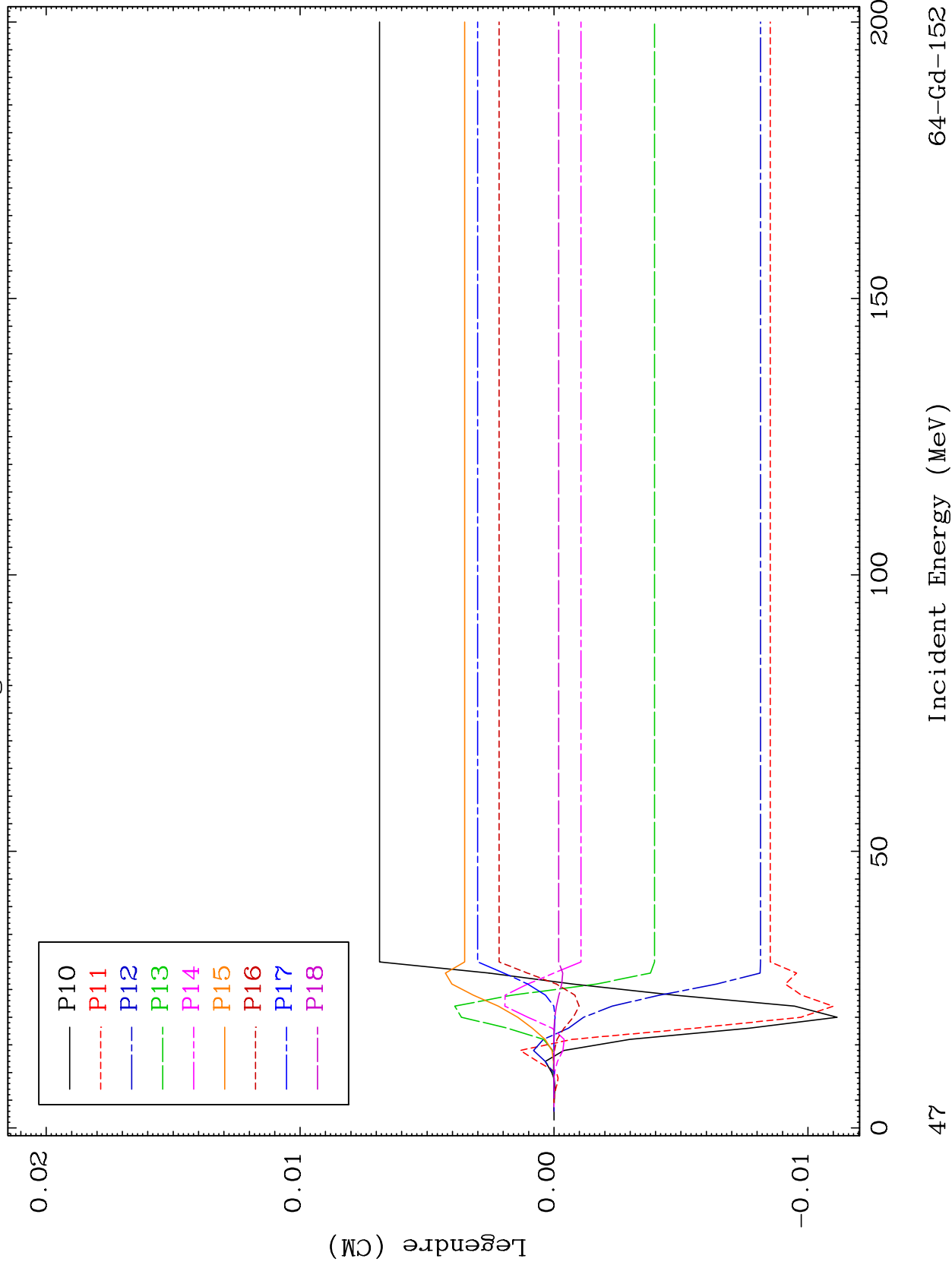
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



47

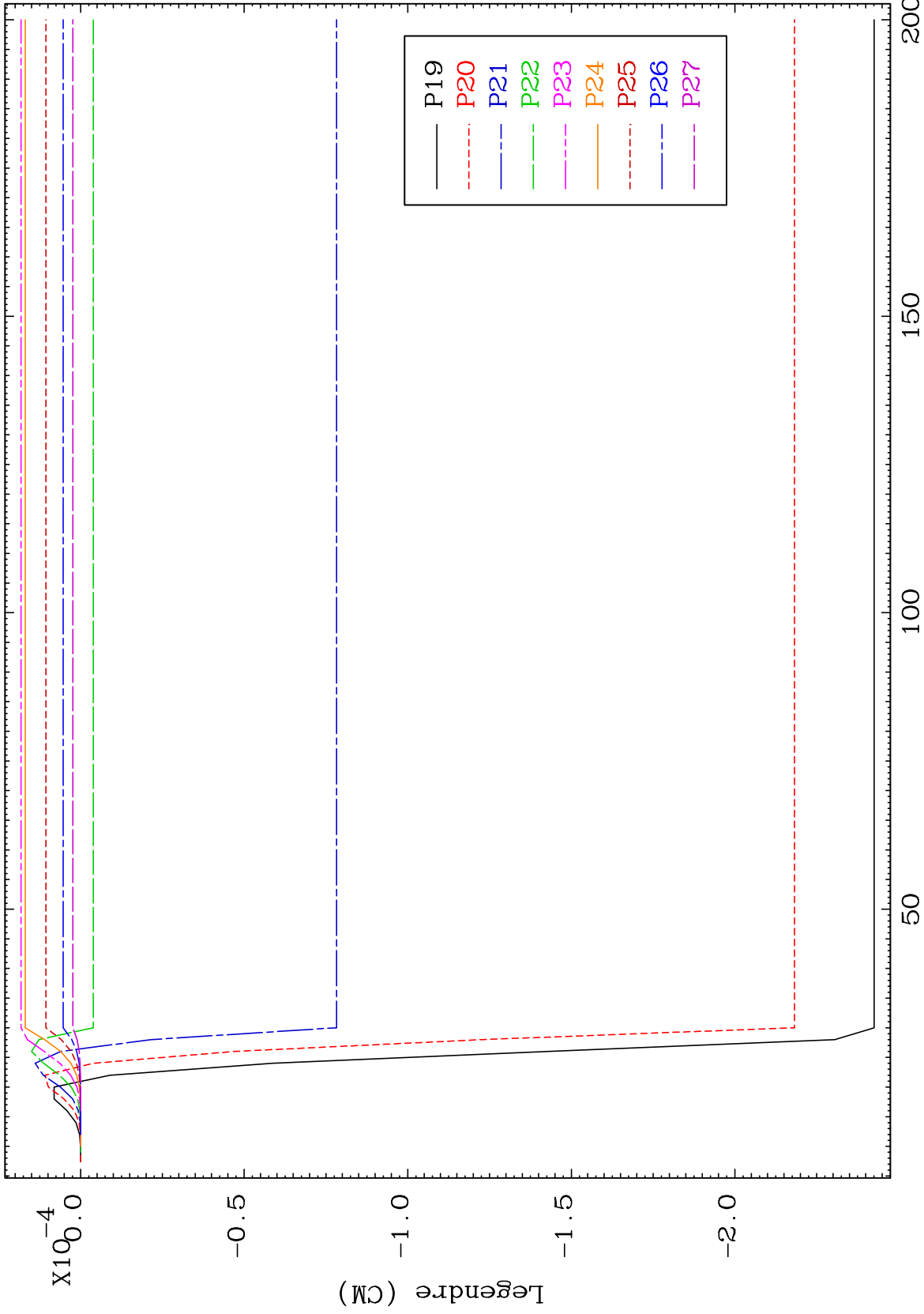
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



48

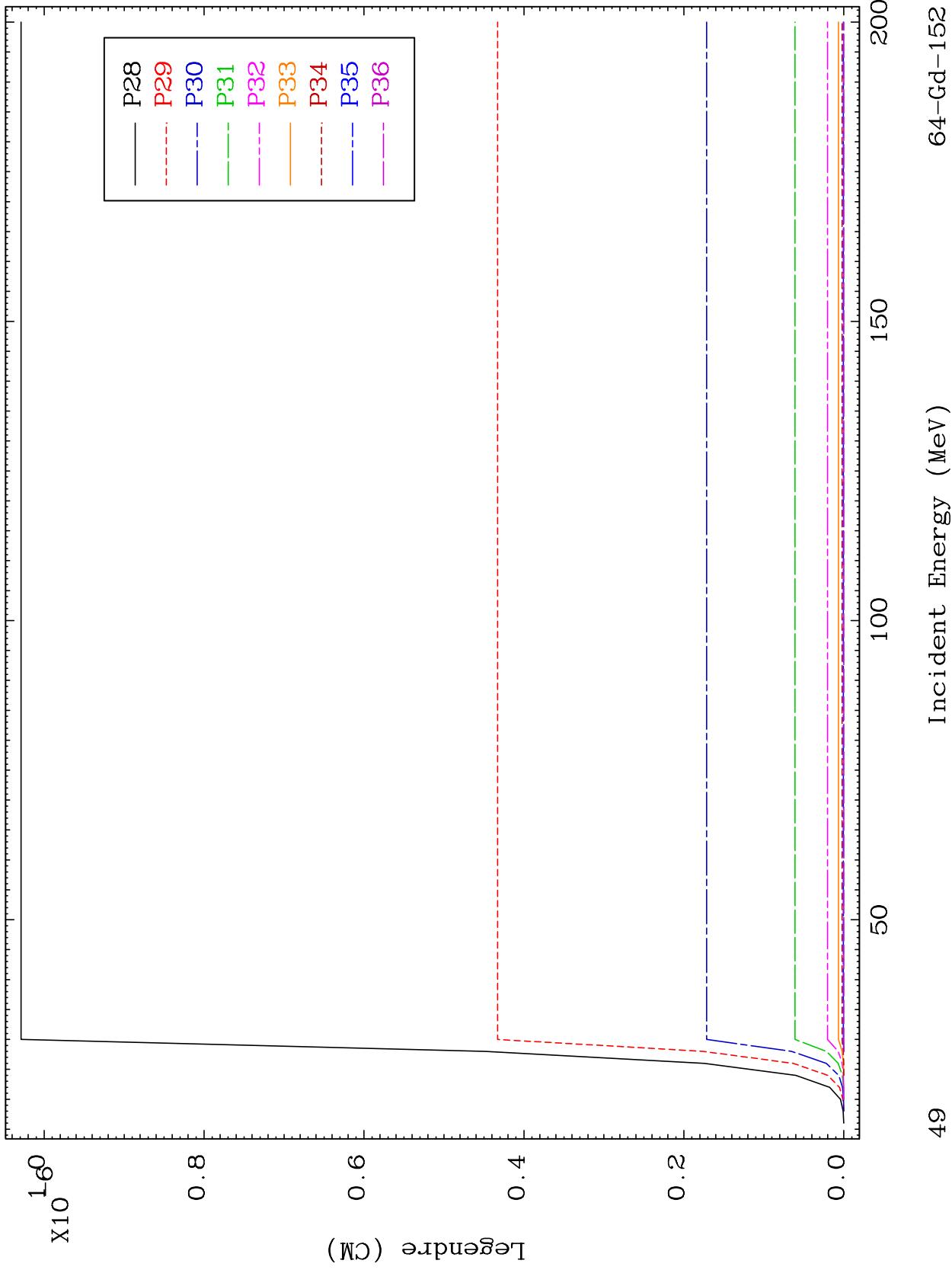
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152

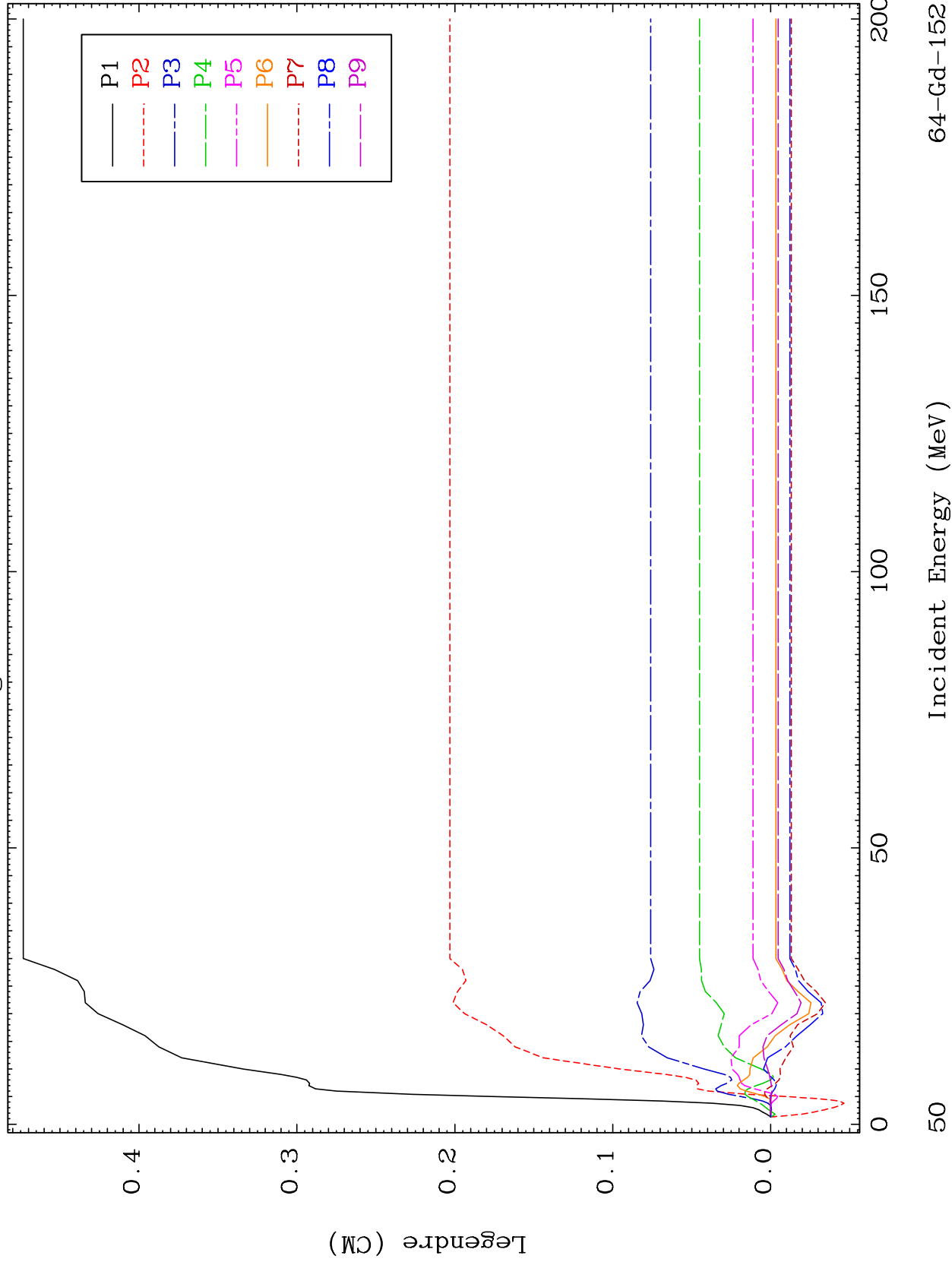


49

MAT 6425

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

64-Gd-152



64-Gd-152

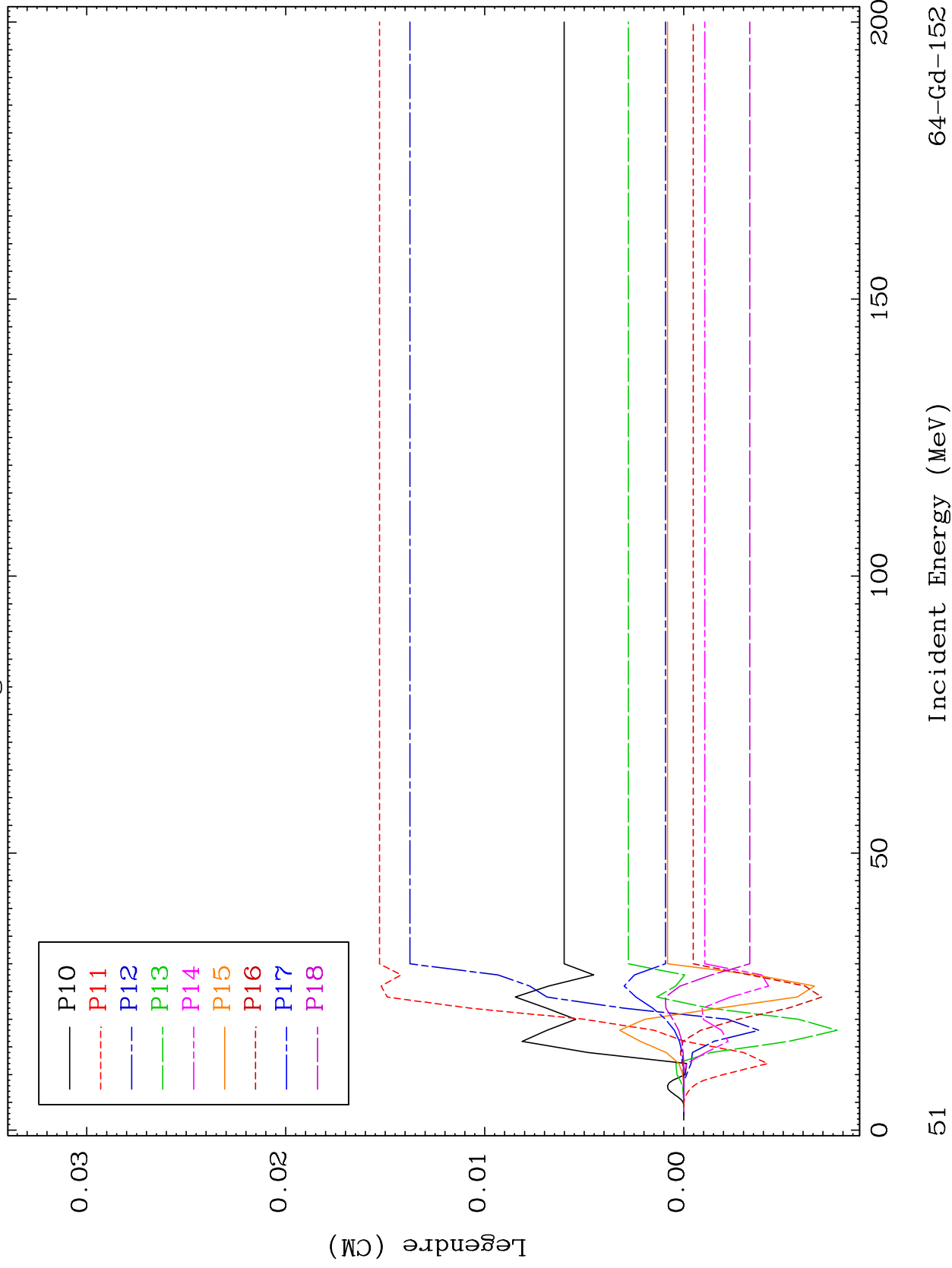
Incident Energy (MeV)

50

MAT 6425

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

64-Gd-152



64-Gd-152

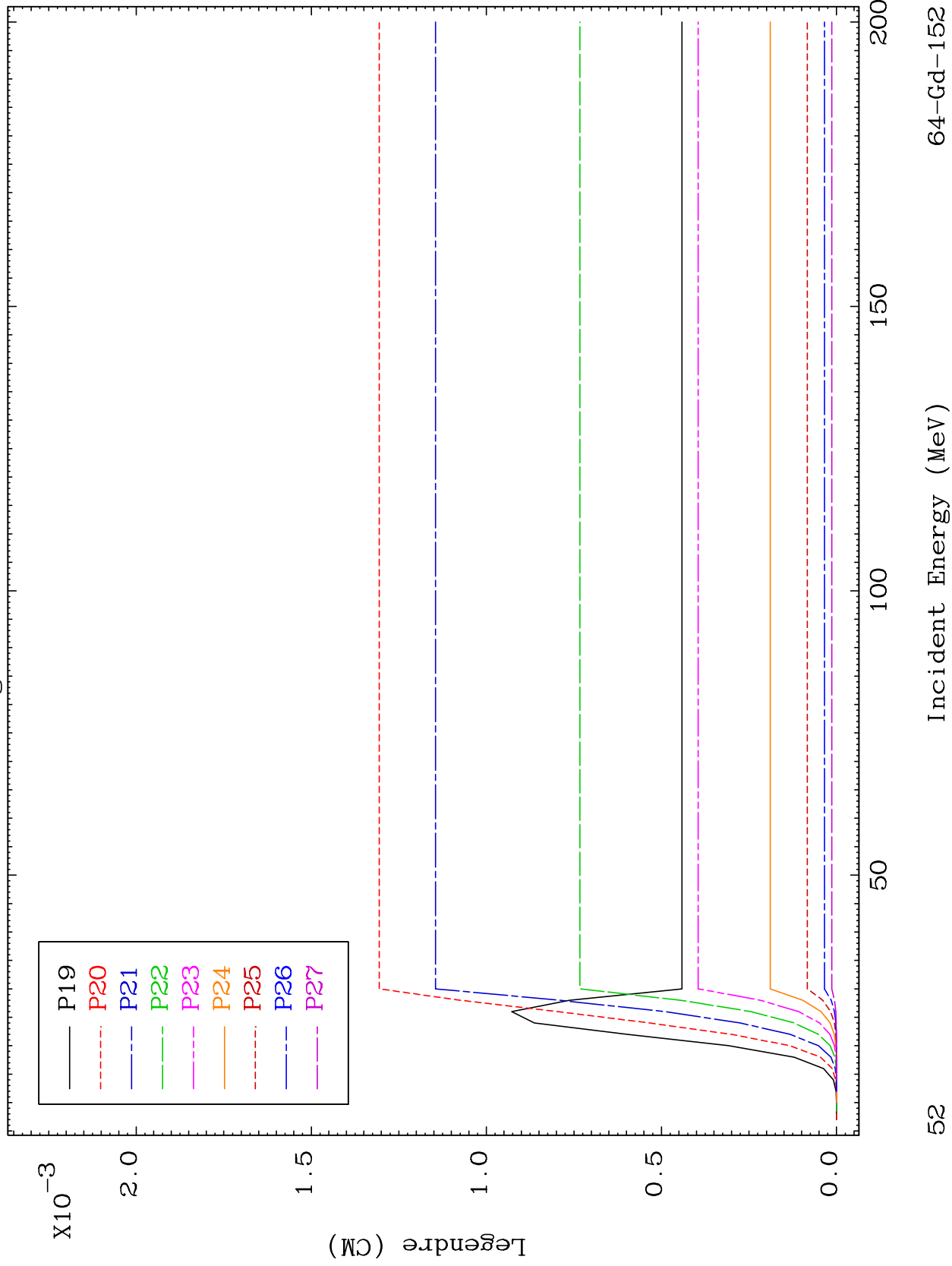
Incident Energy (MeV)

51

MAT 6425

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

64-Gd-152



52

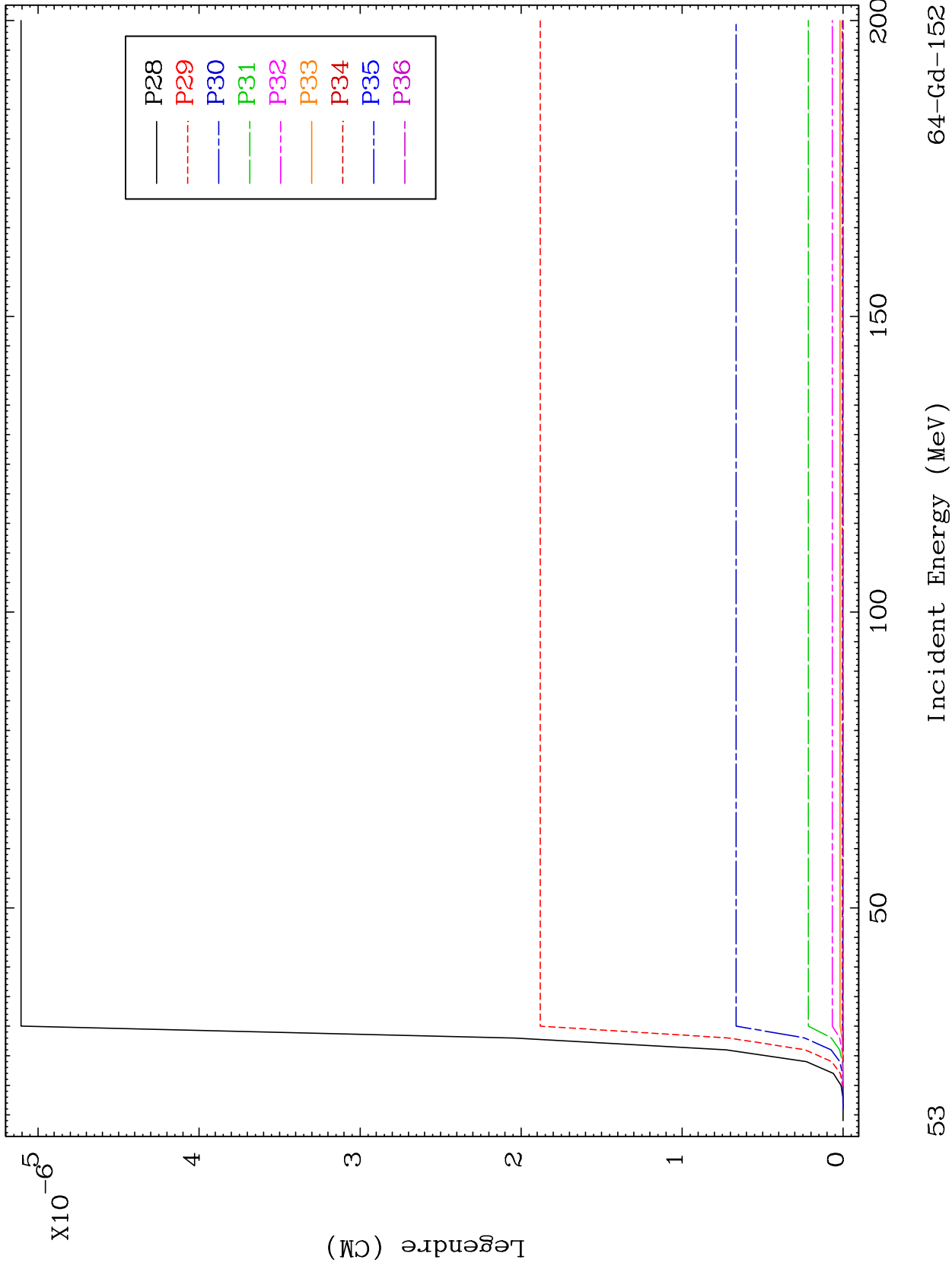
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

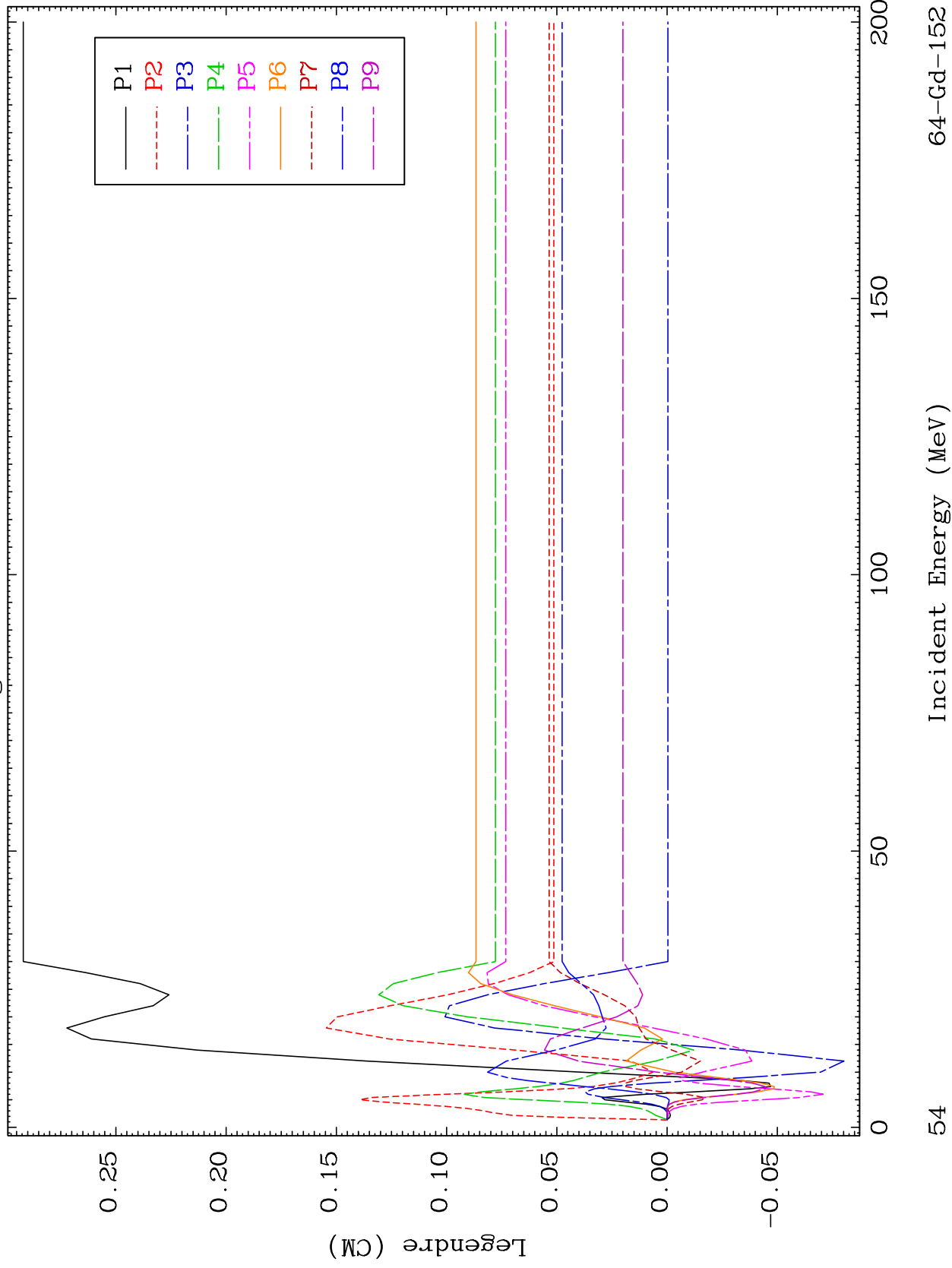
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

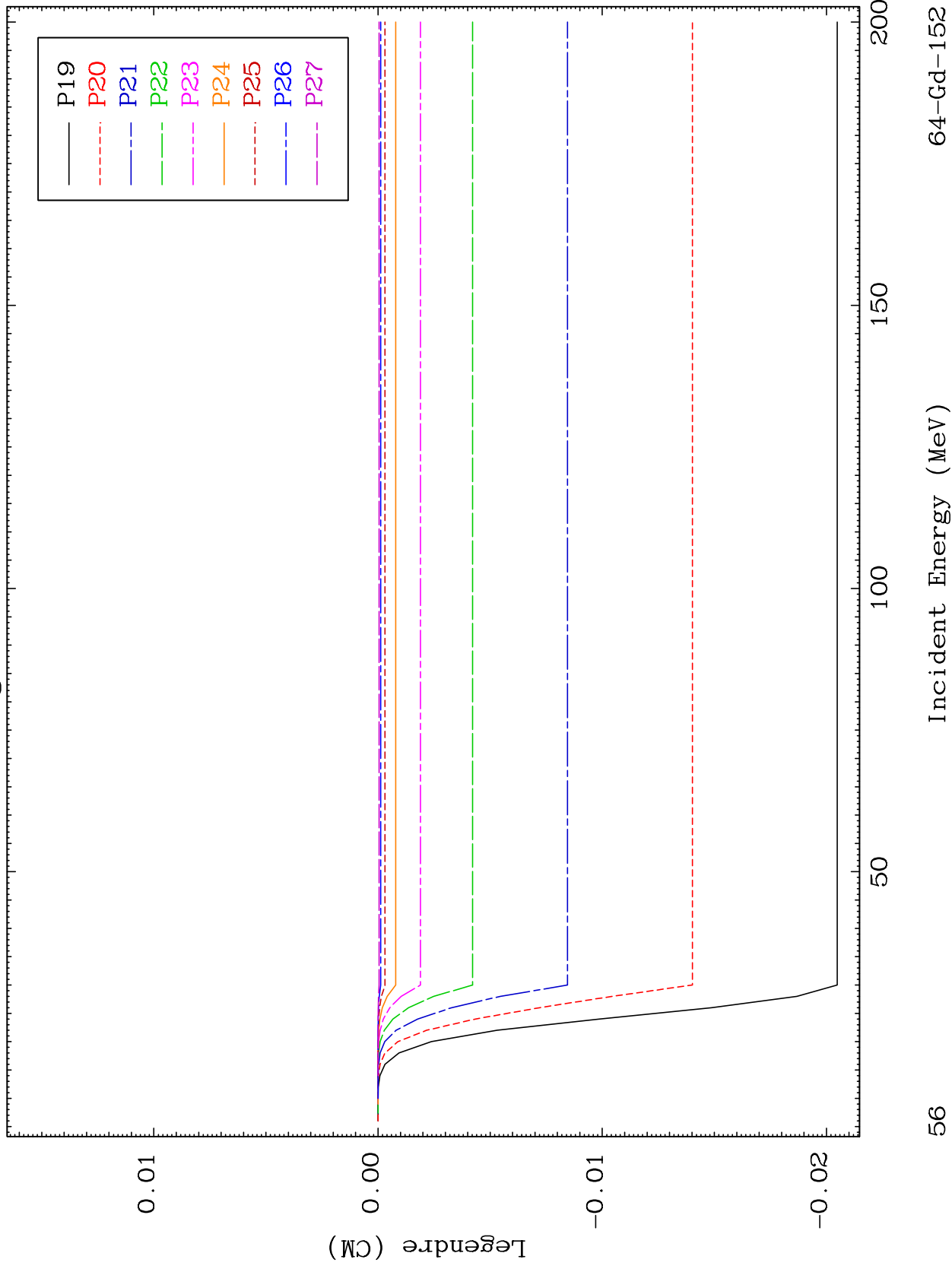
Incident Energy (MeV)

54

MAT 6425

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

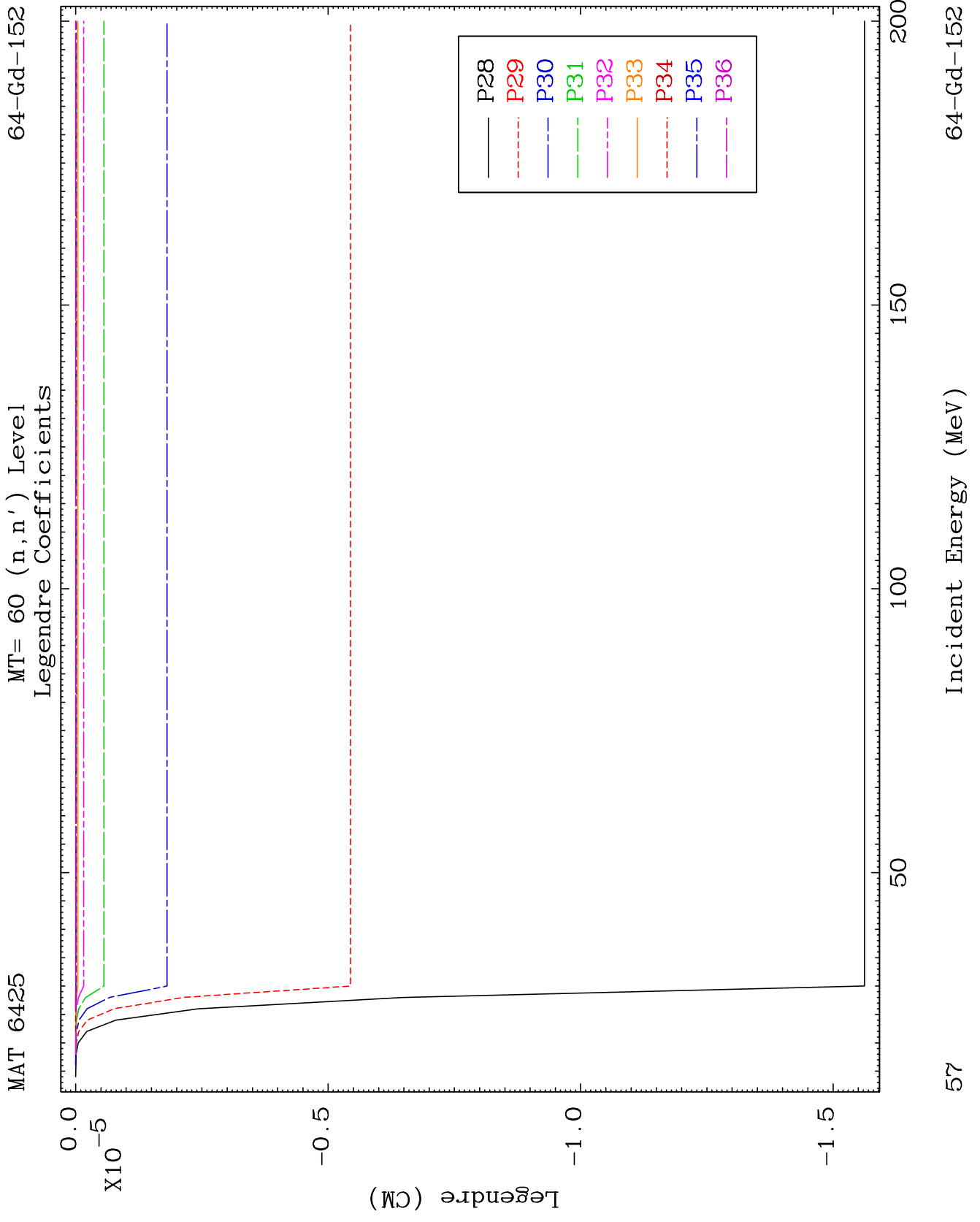
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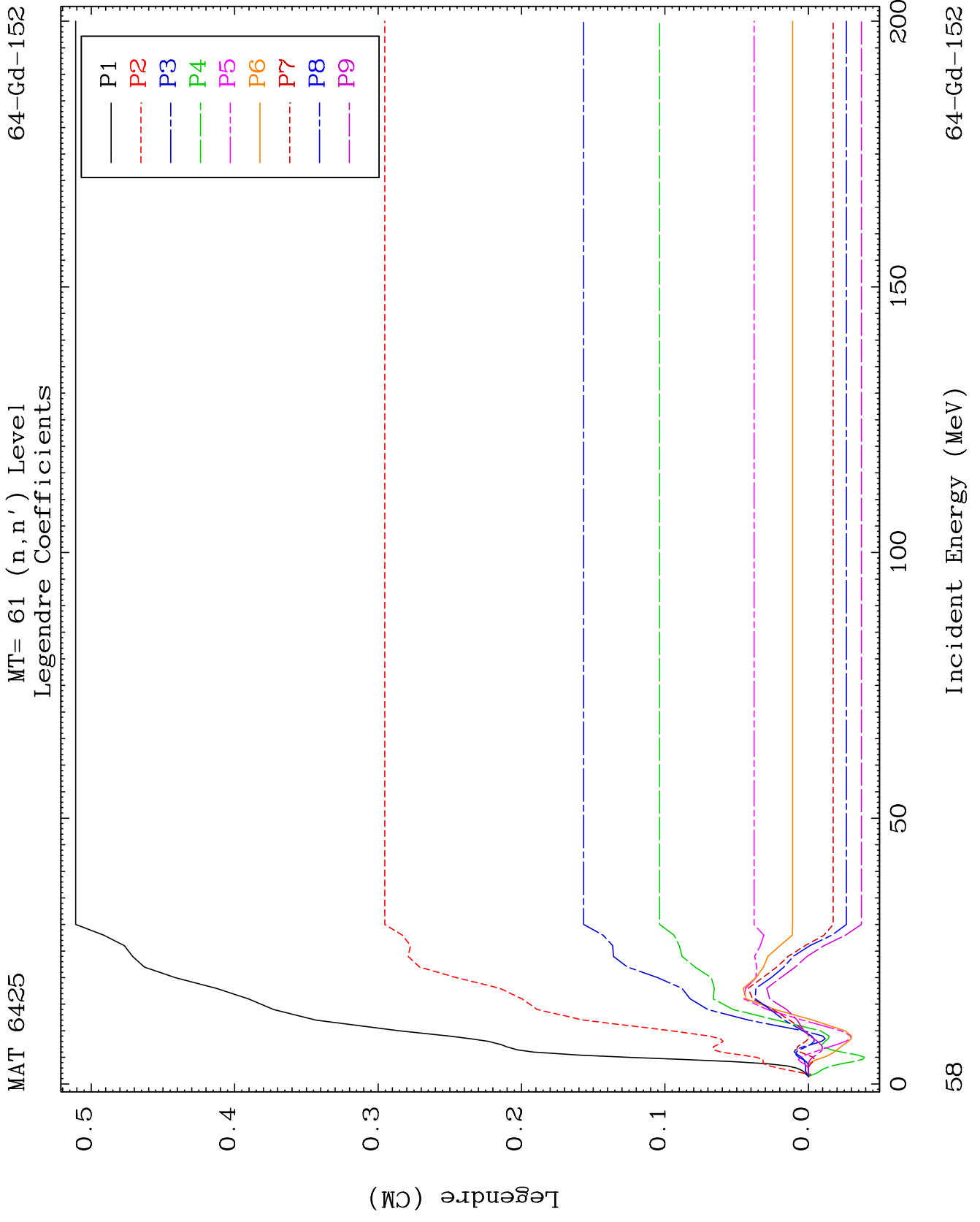


56

Incident Energy (MeV)

64-Gd-152

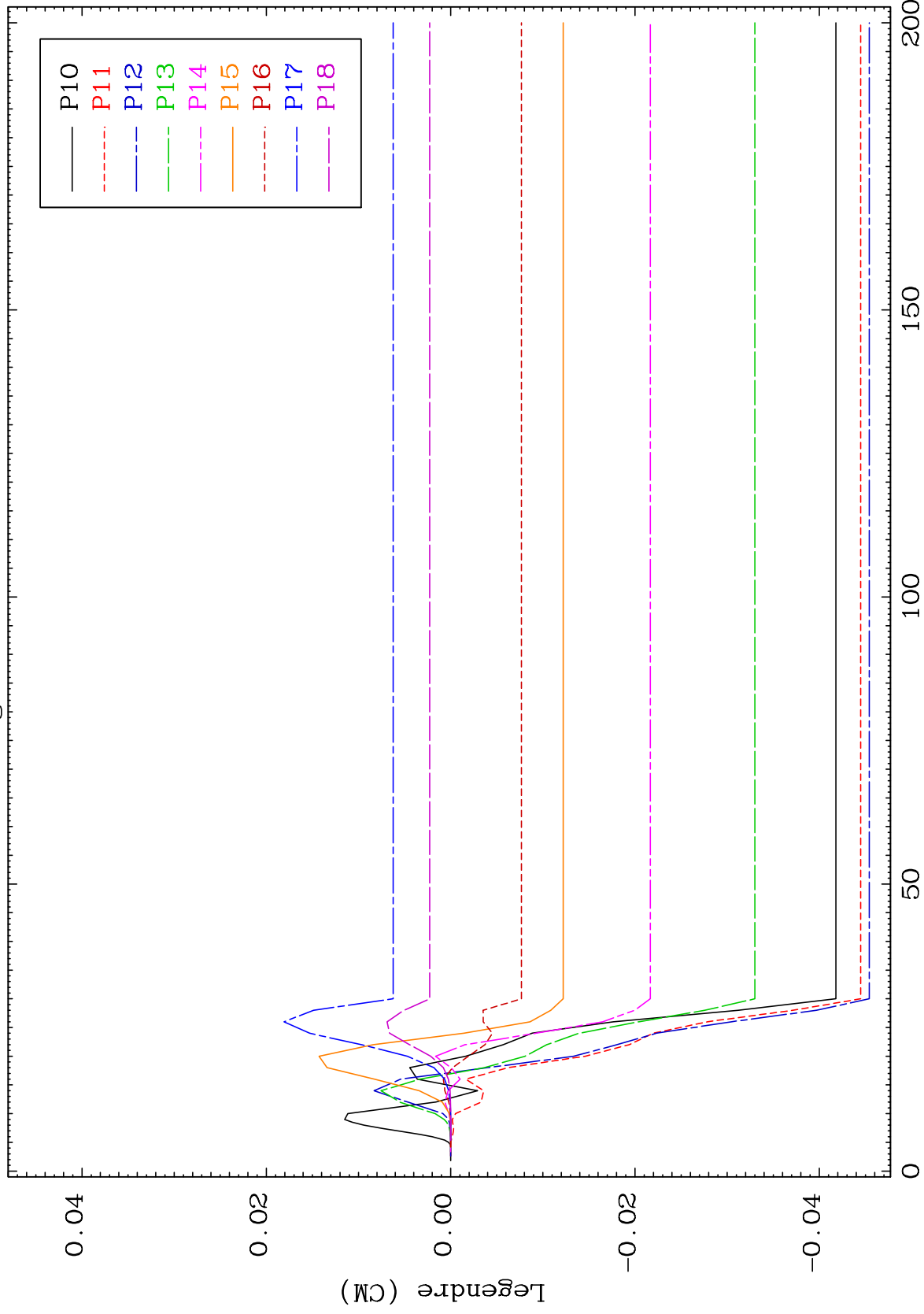




MAT 6425

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

64-Gd-152



59

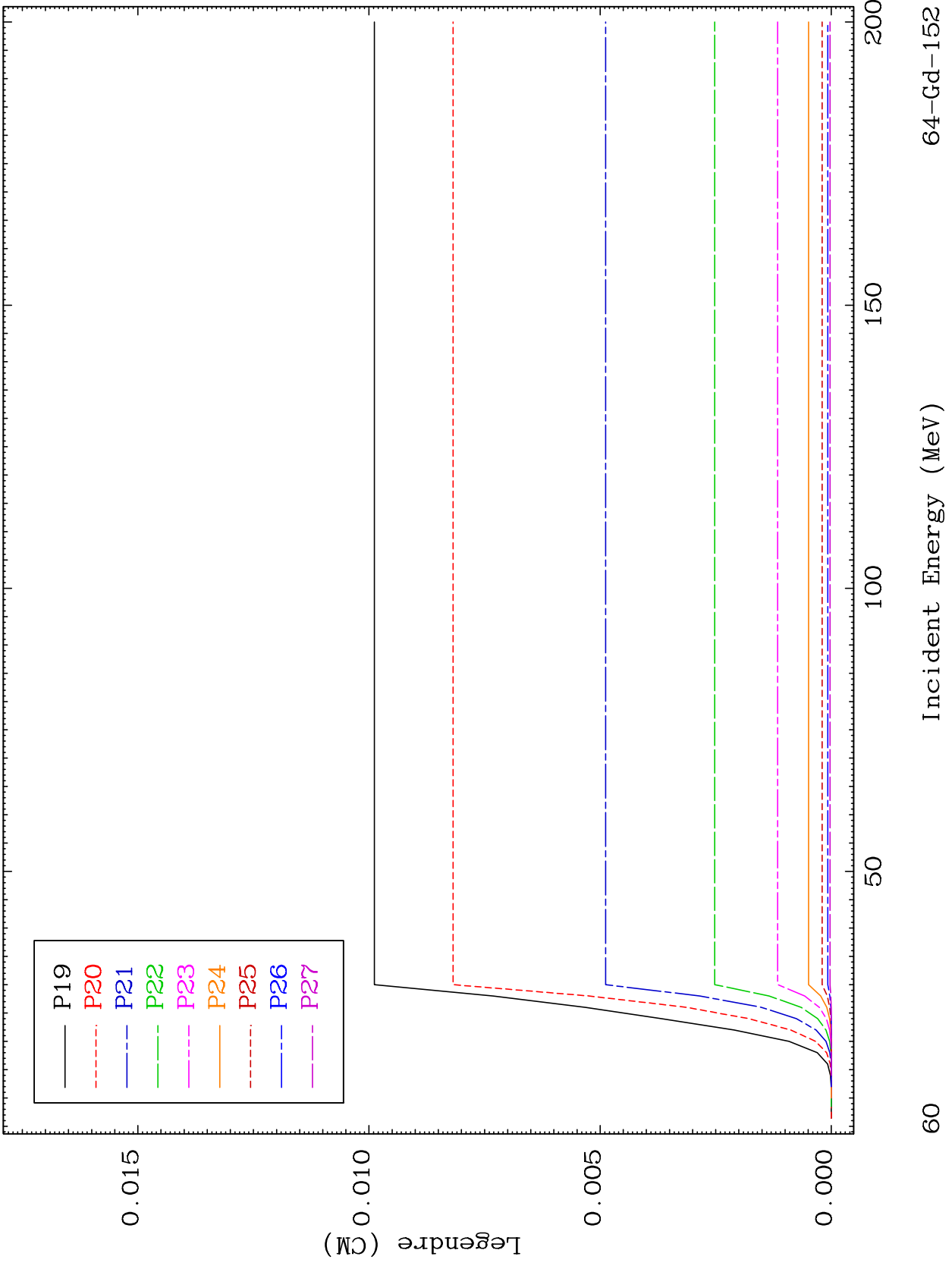
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



60

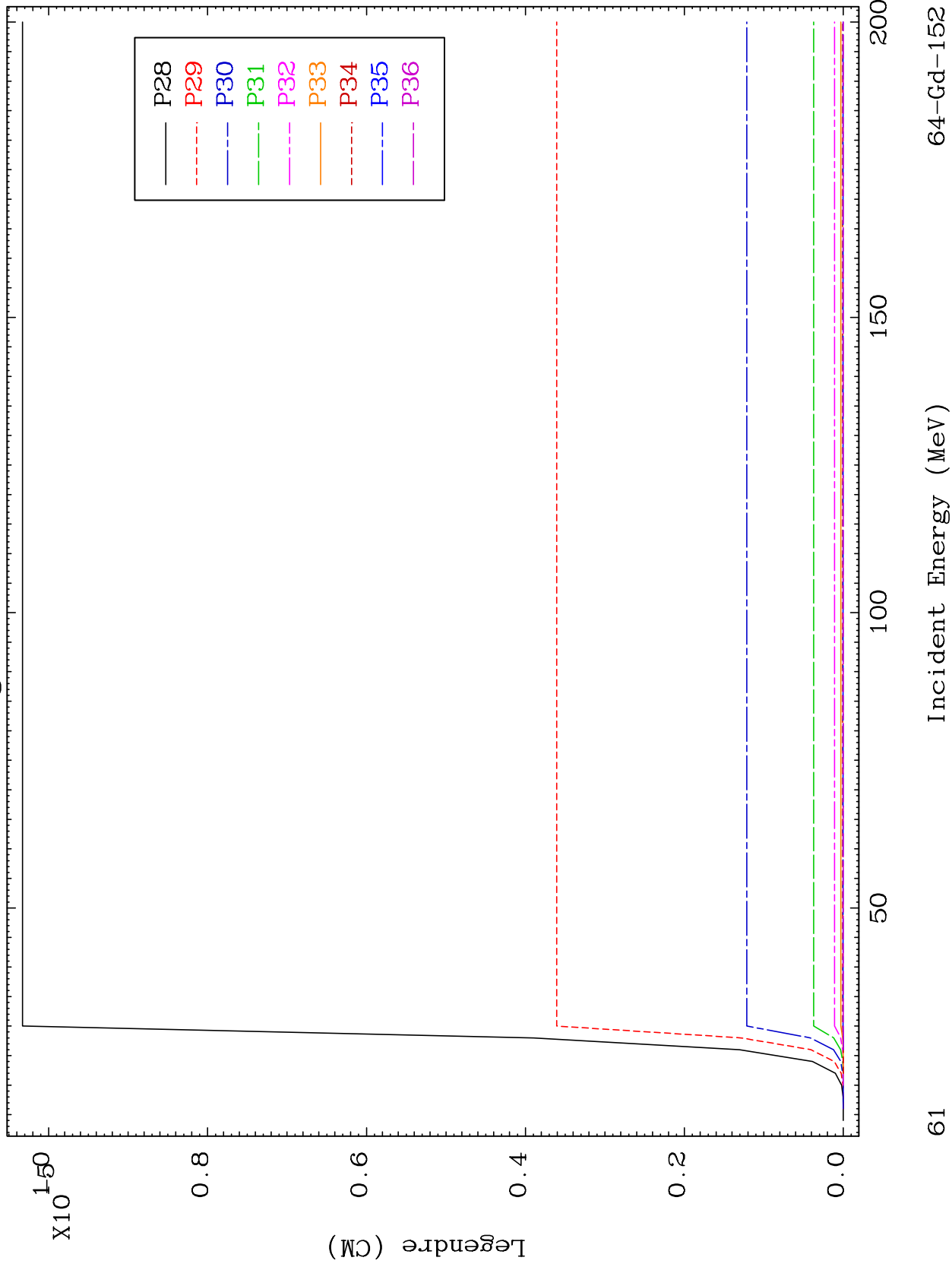
Incident Energy (MeV)

64-Gd-152

MAT 6425

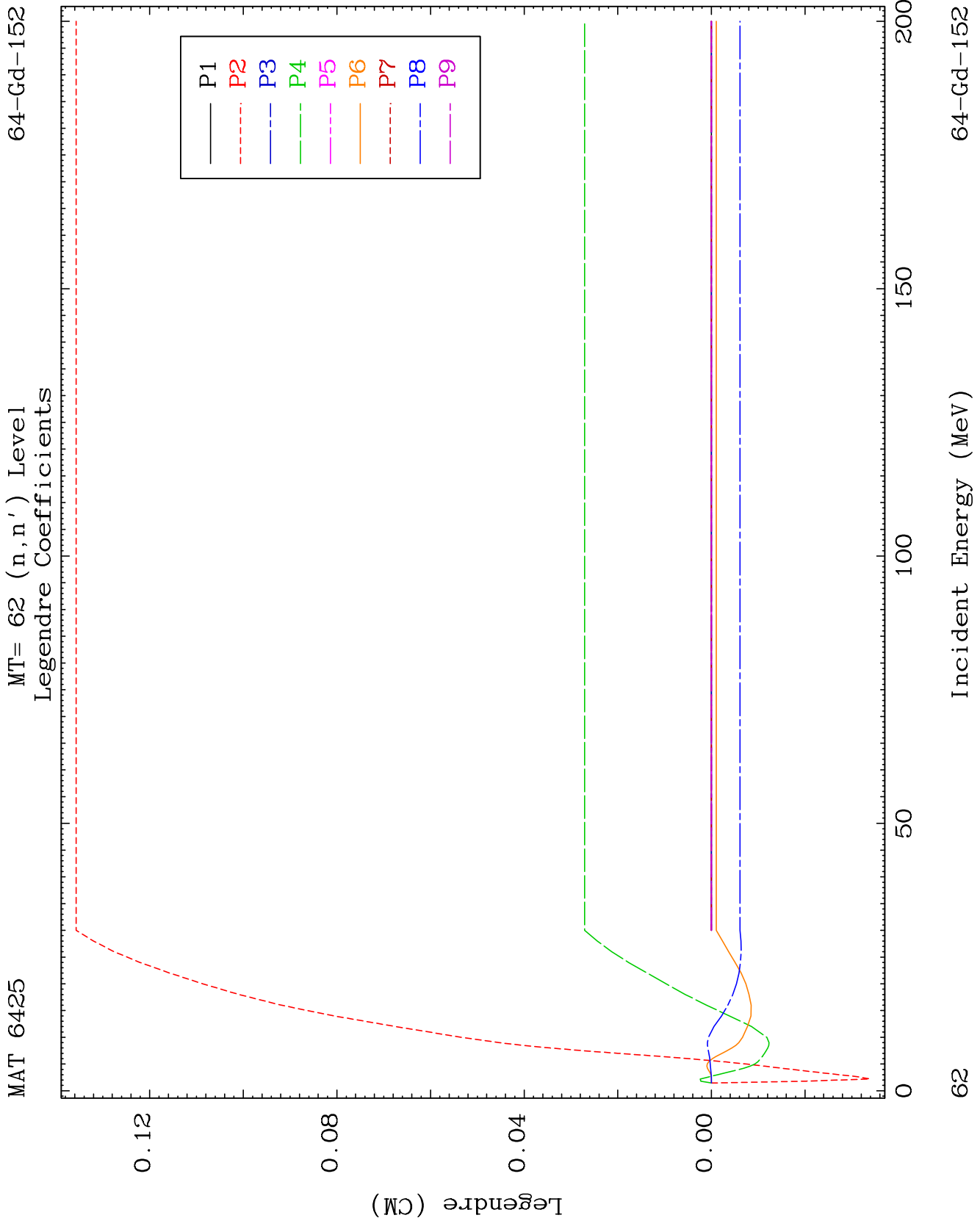
MT= 61 (n,n') Level
Legendre Coefficients

64-Gd-152



61

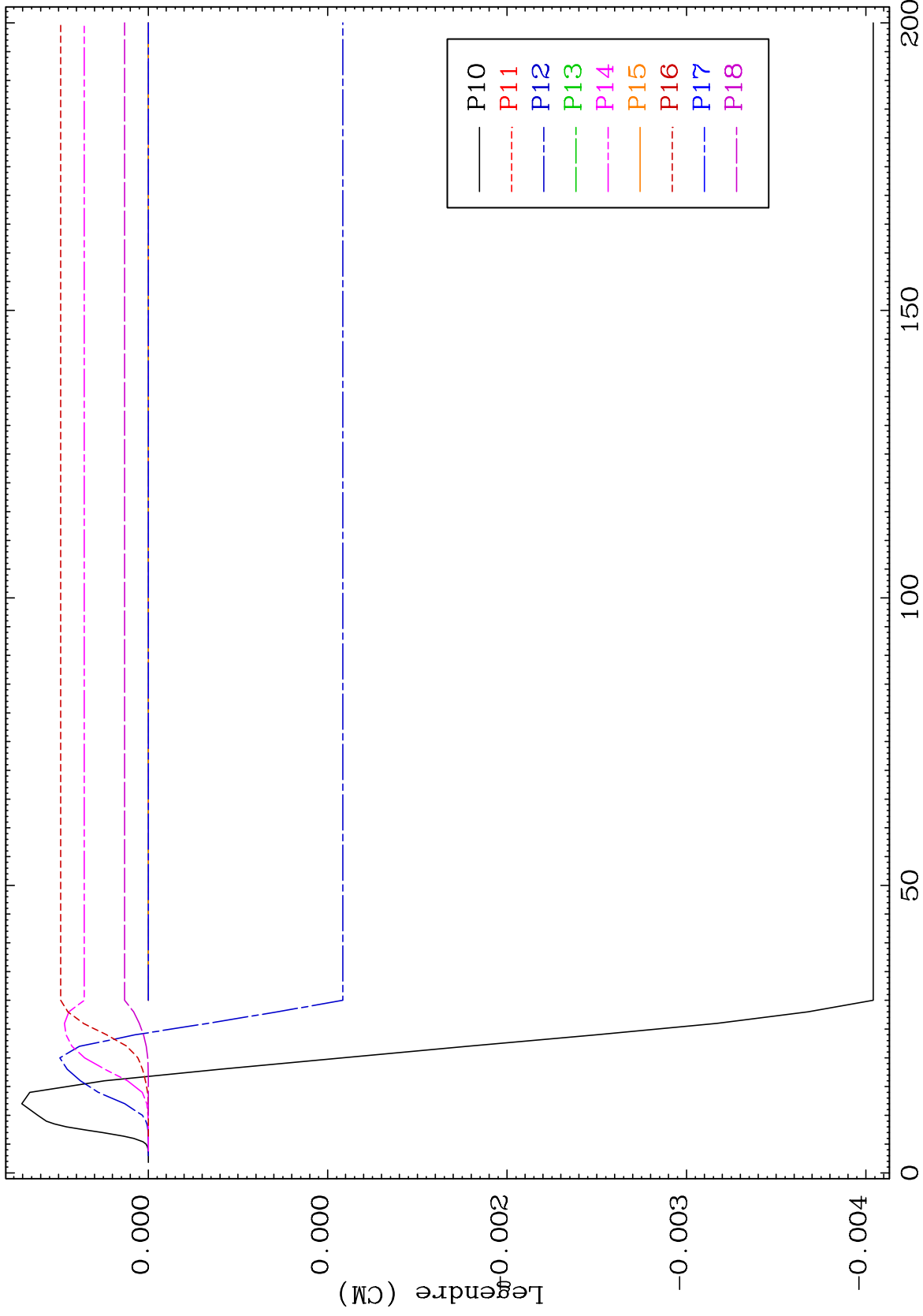
64-Gd-152



MAT 6425

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

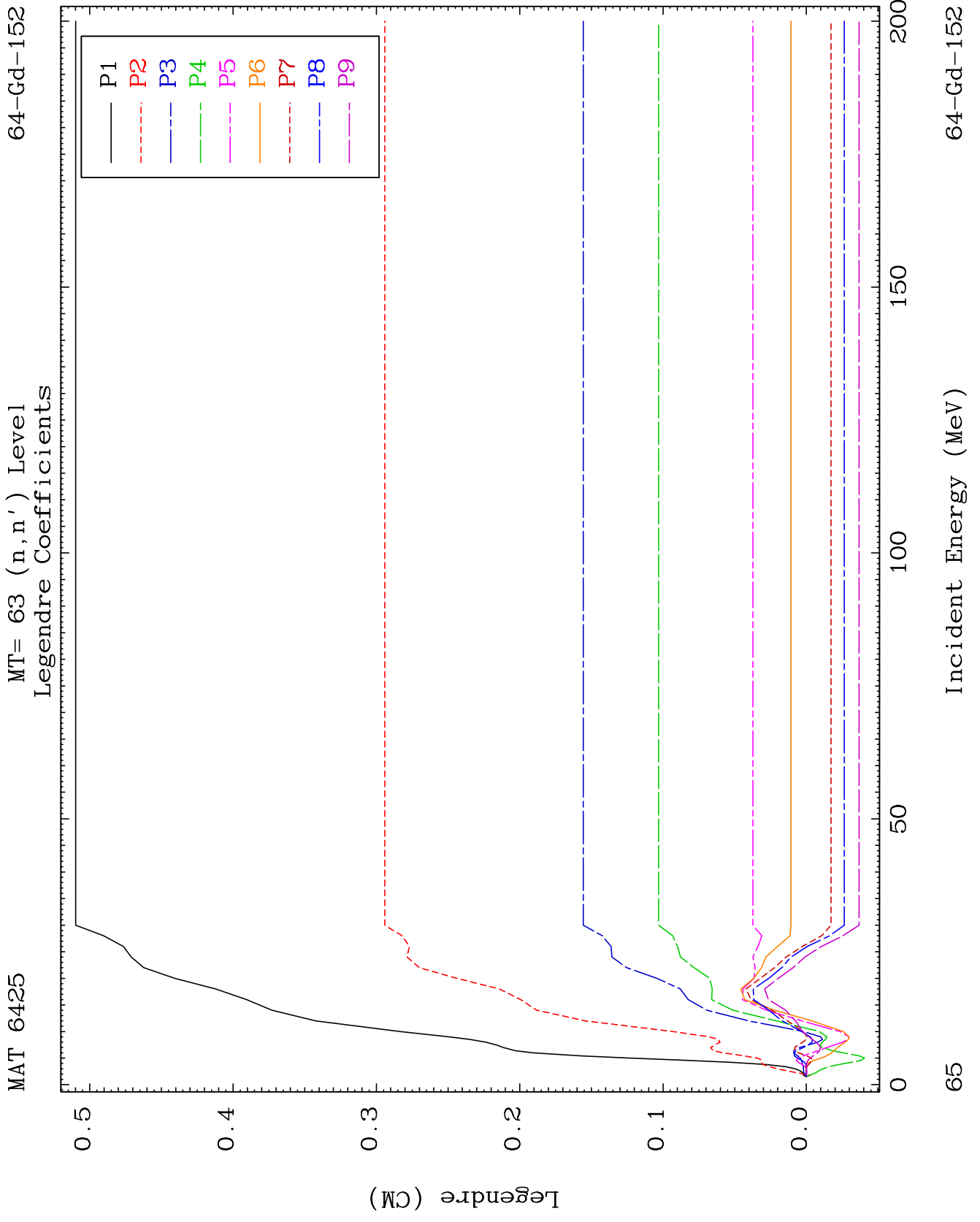
64-Gd-152



63

Incident Energy (MeV)

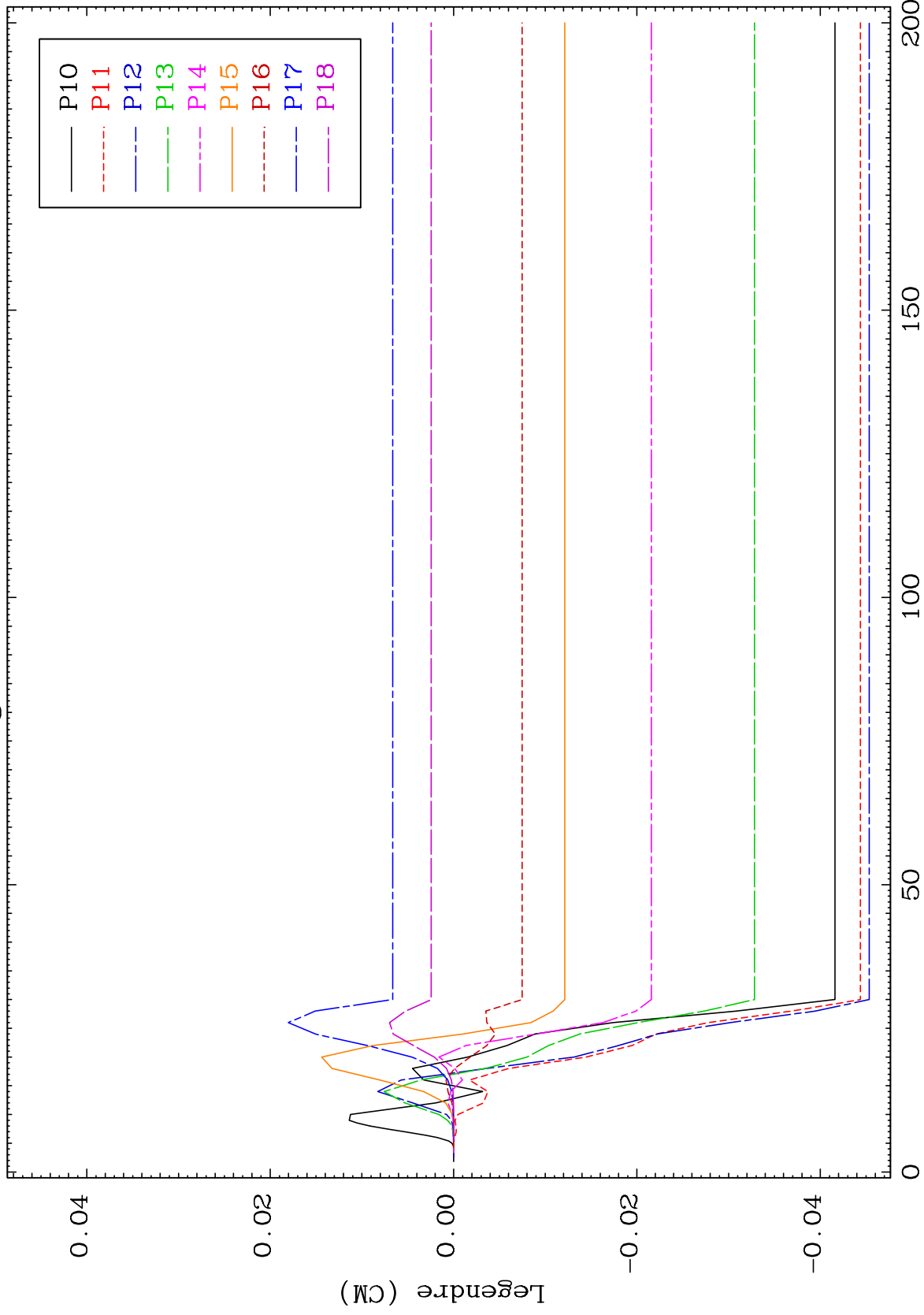
64-Gd-152



MAT 6425

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

64-Gd-152



66

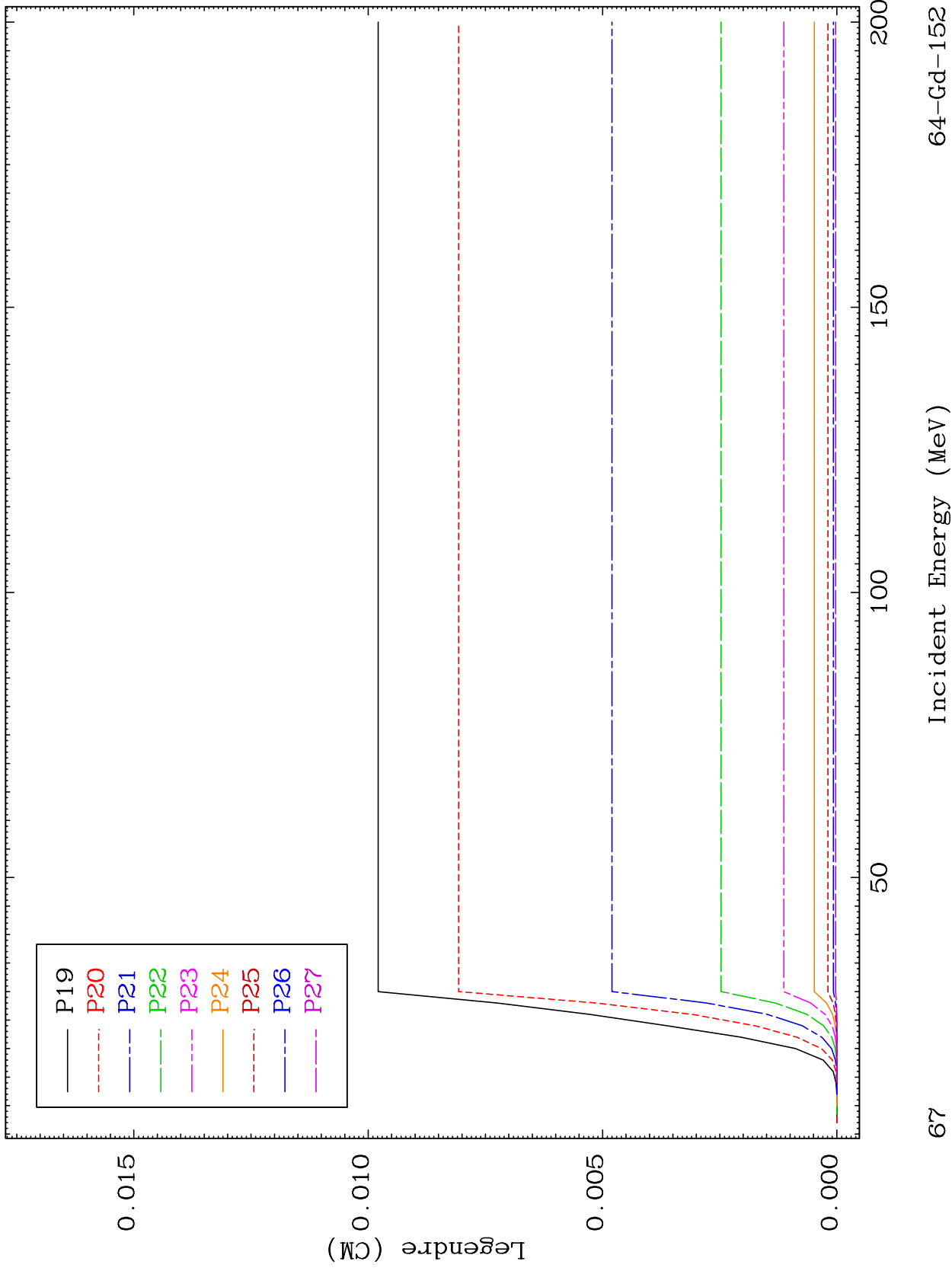
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



67

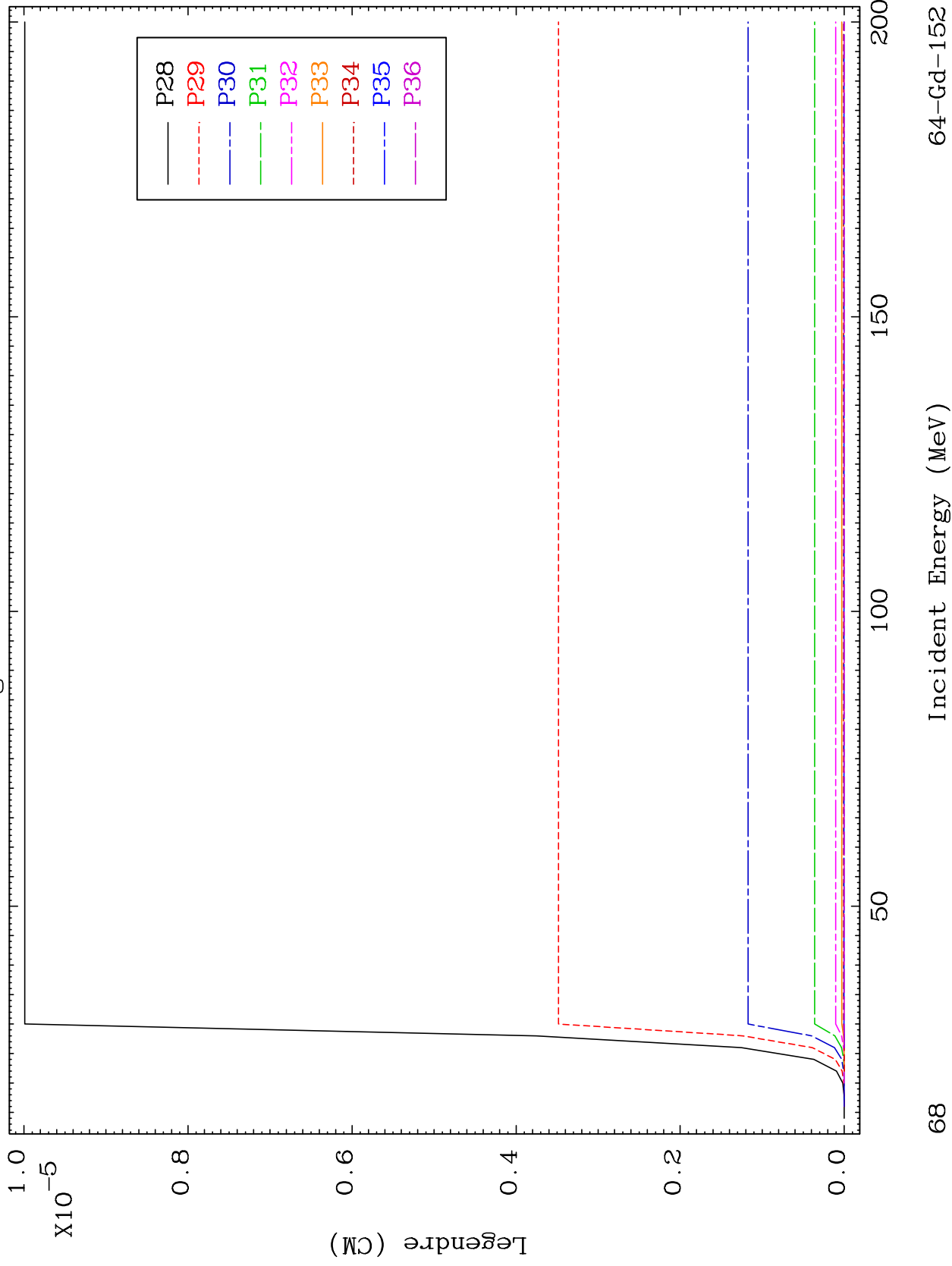
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



68

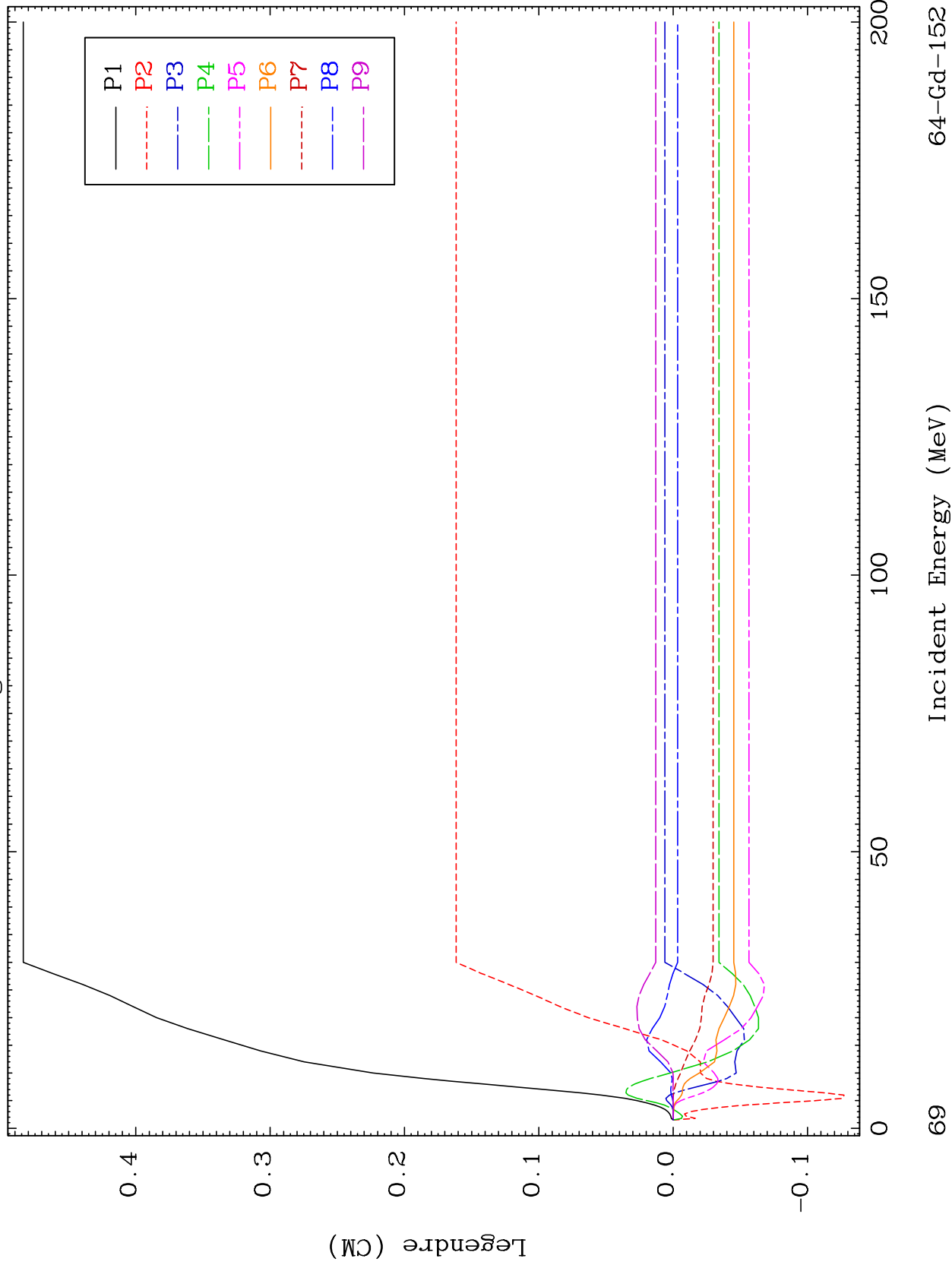
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

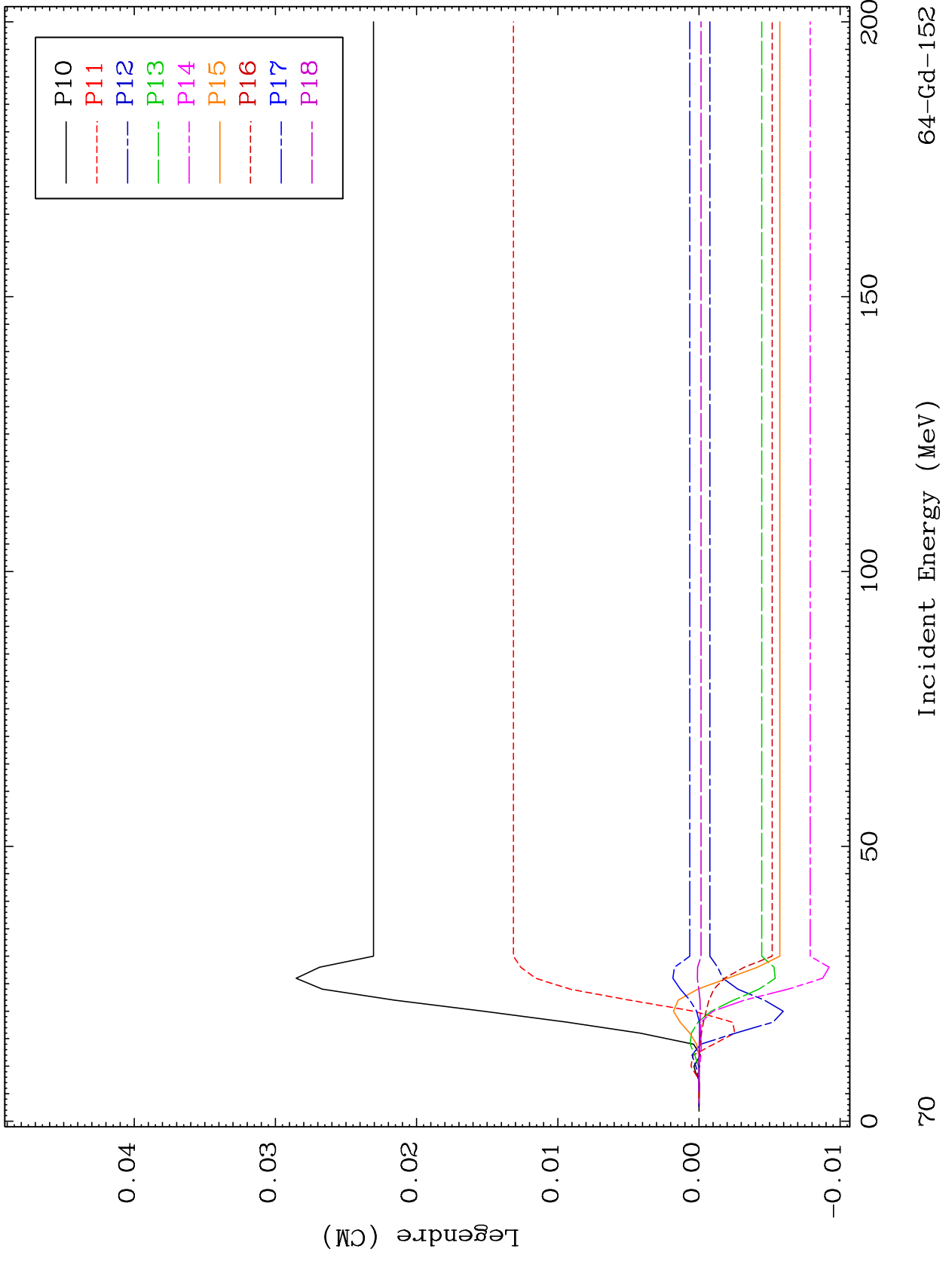
Incident Energy (MeV)

69

MAT 6425

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

64-Gd-152



64-Gd-152

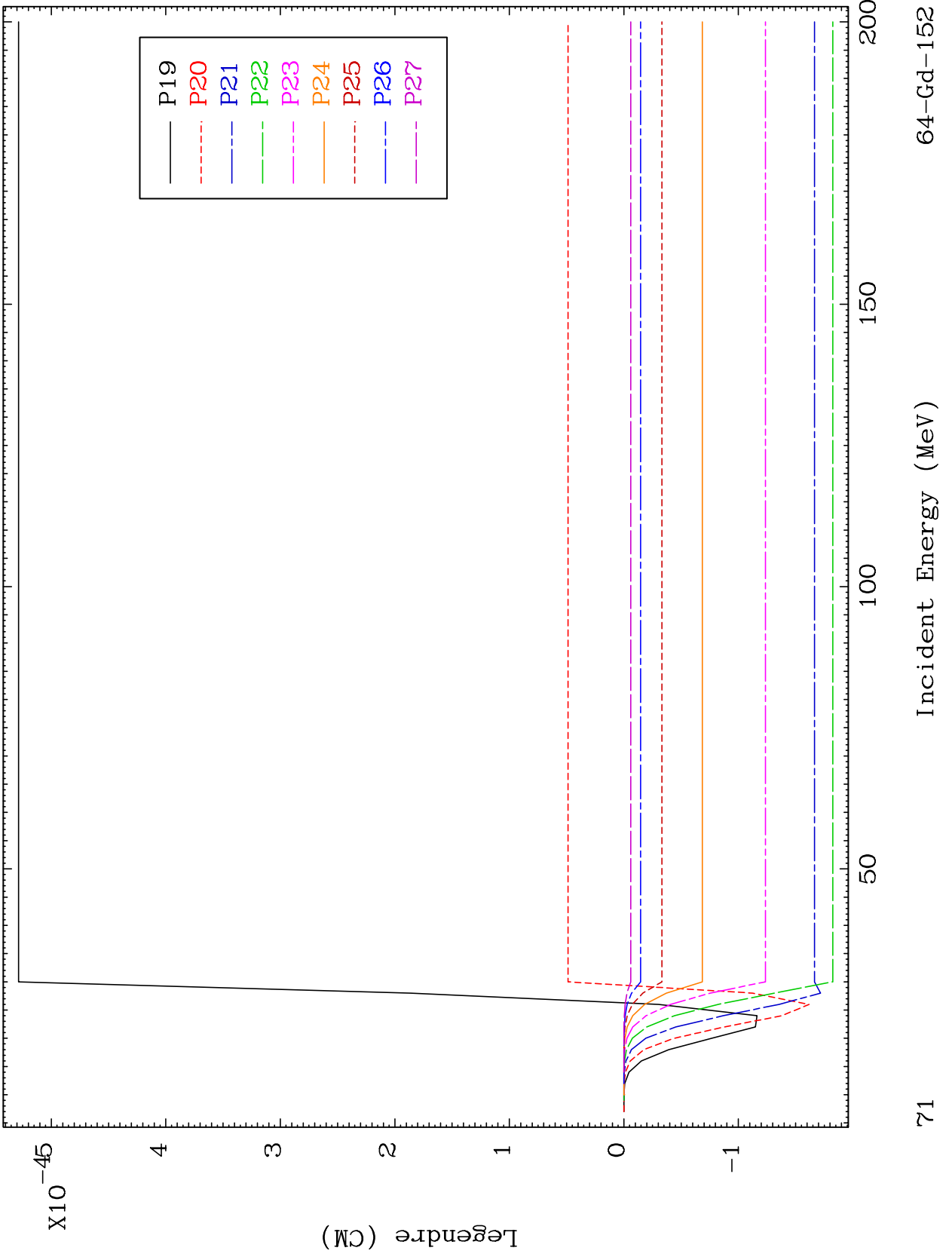
Incident Energy (MeV)

70

MAT 6425

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

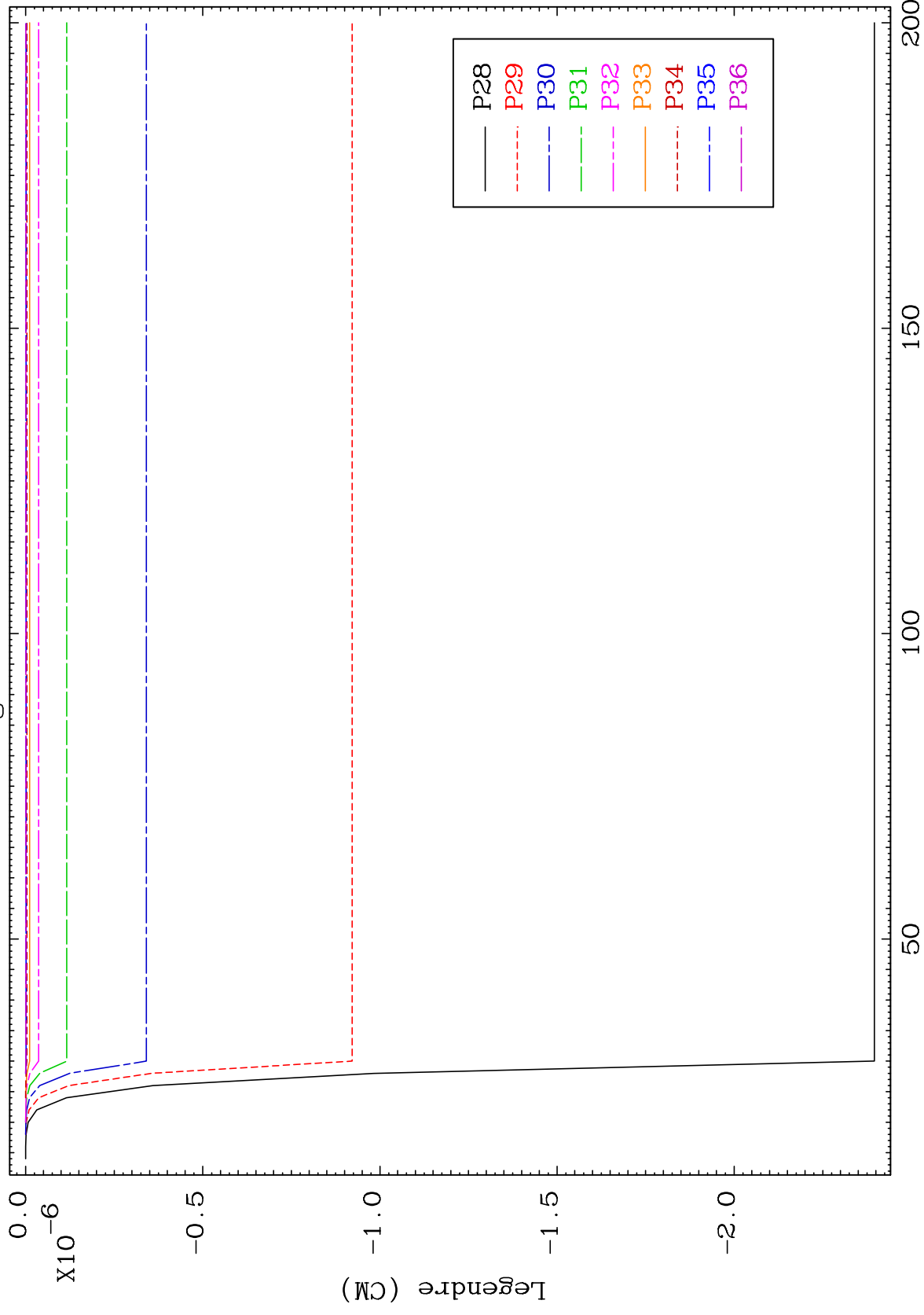
64-Gd-152



MAT 6425

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

64-Gd-152



72

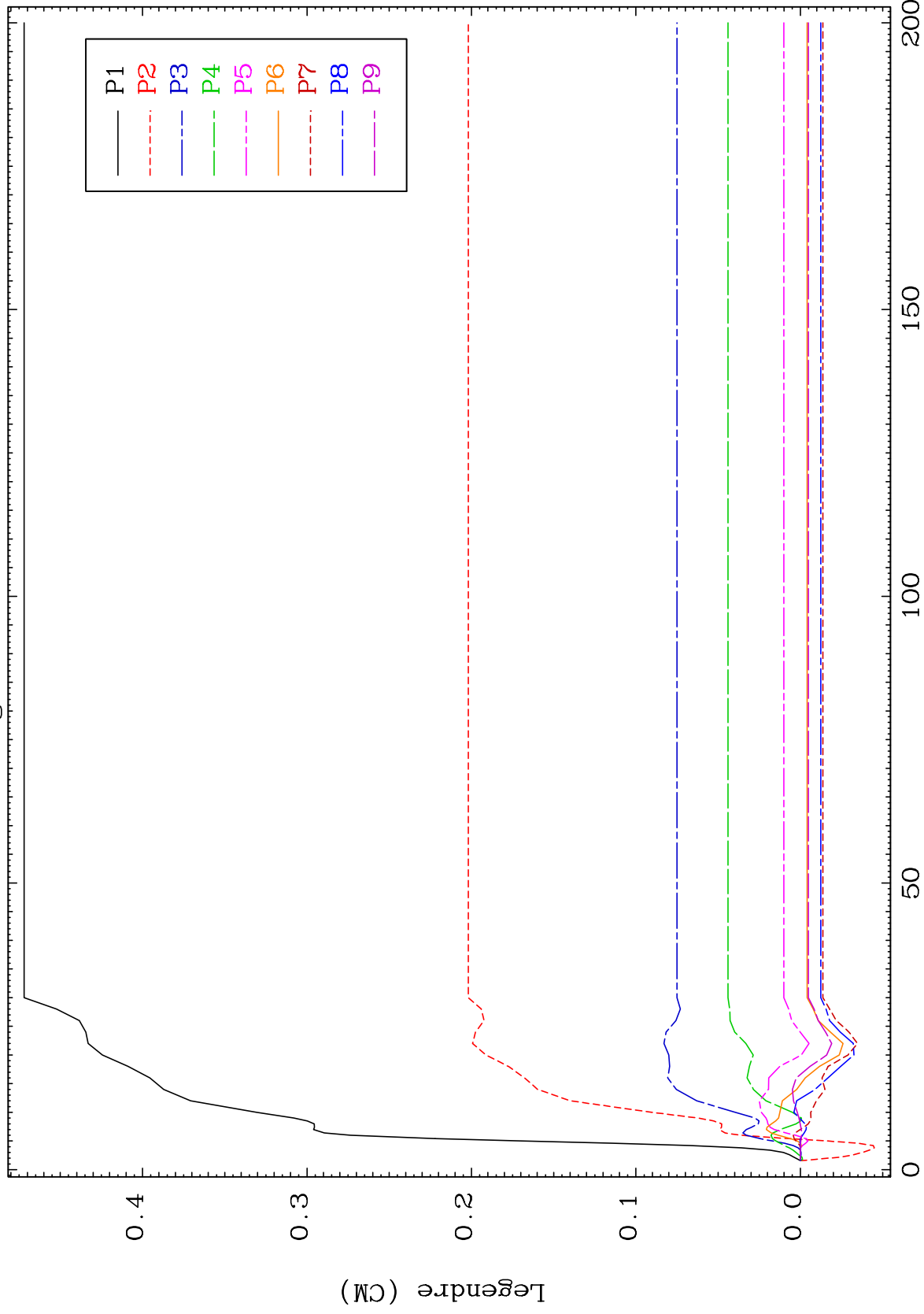
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

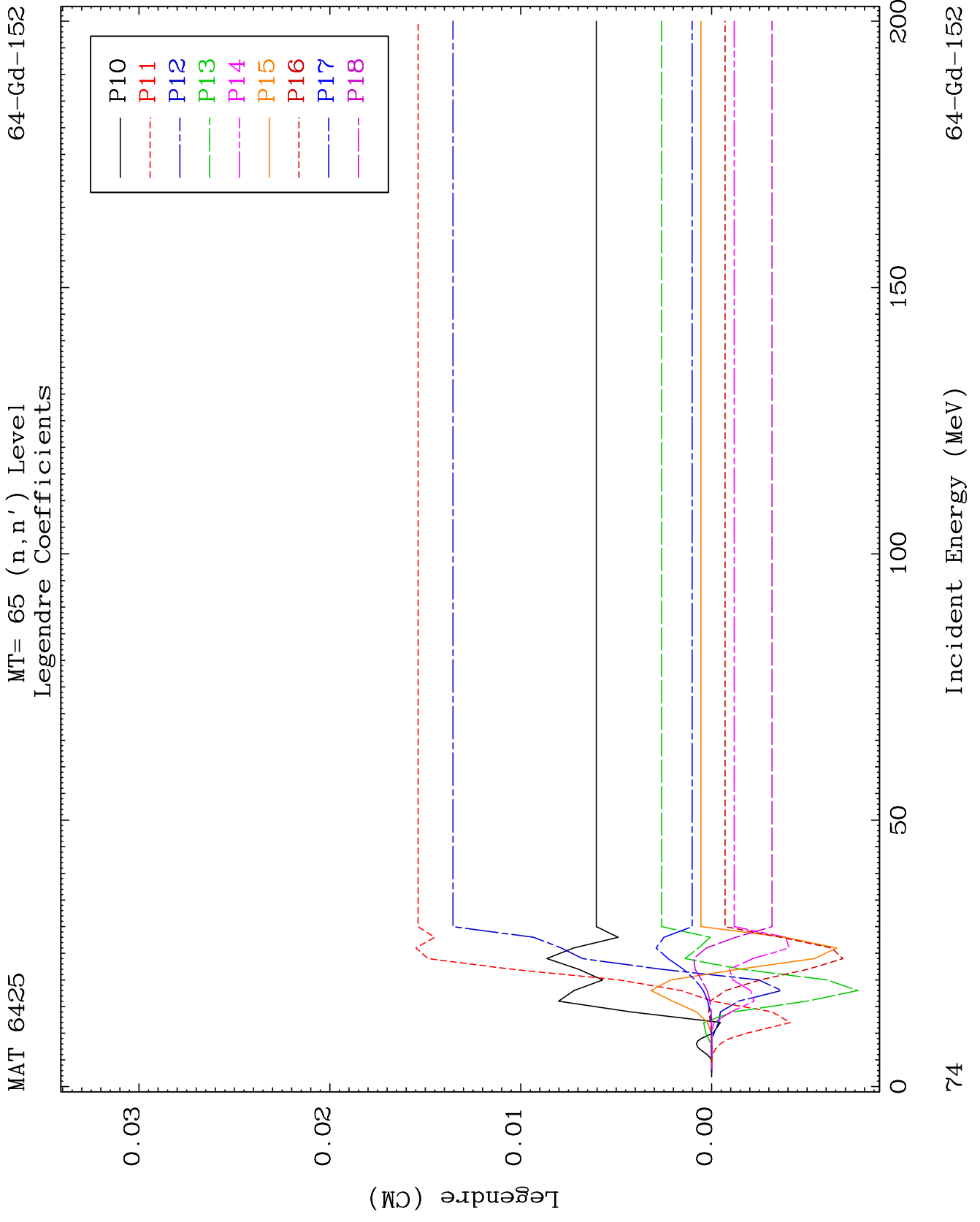
64-Gd-152



73

Incident Energy (MeV)

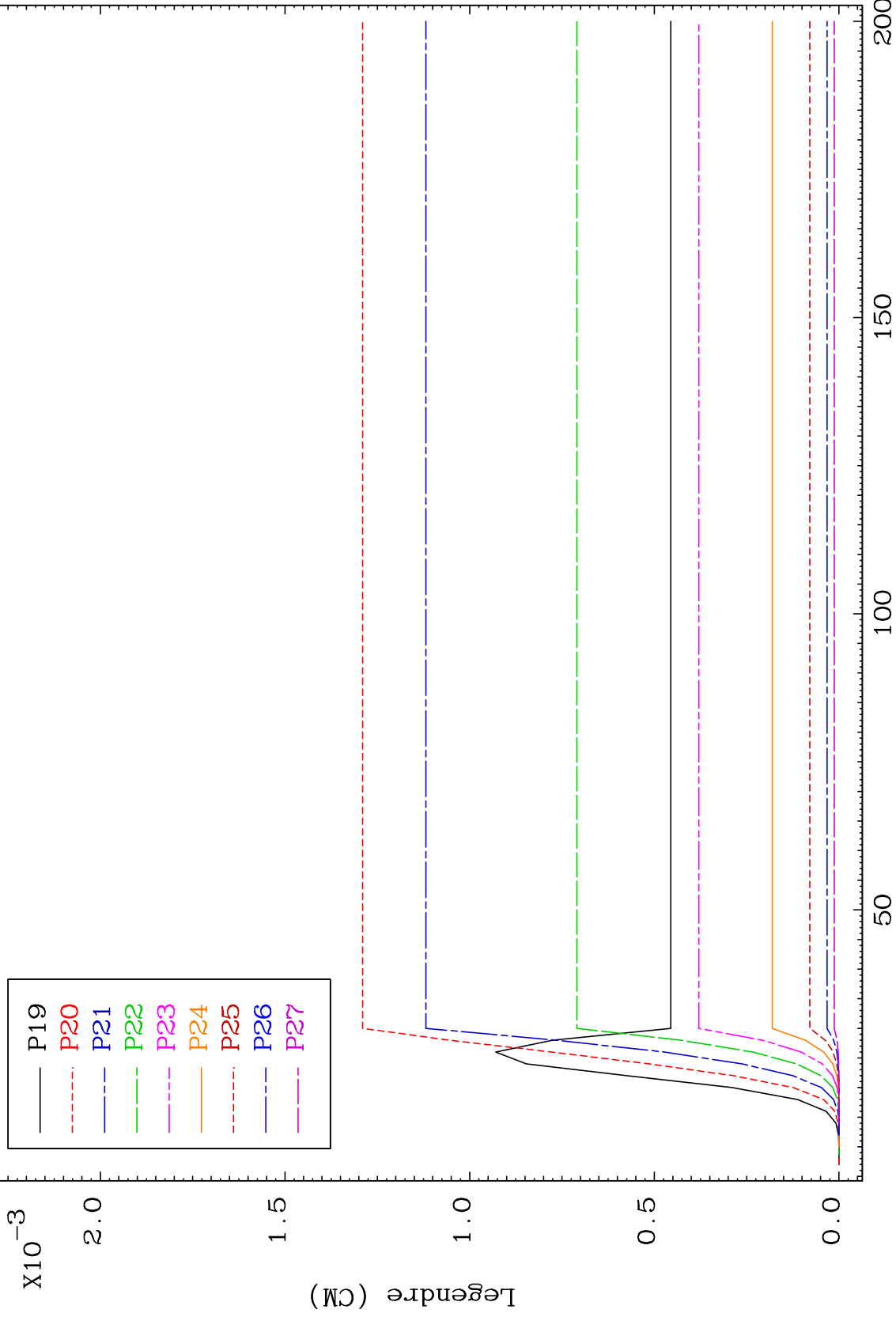
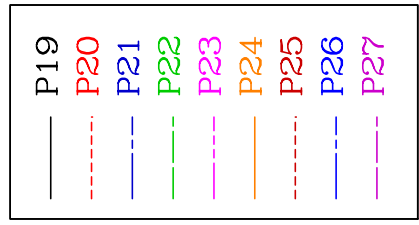
64-Gd-152



MAT 6425

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

64-Gd-152



75

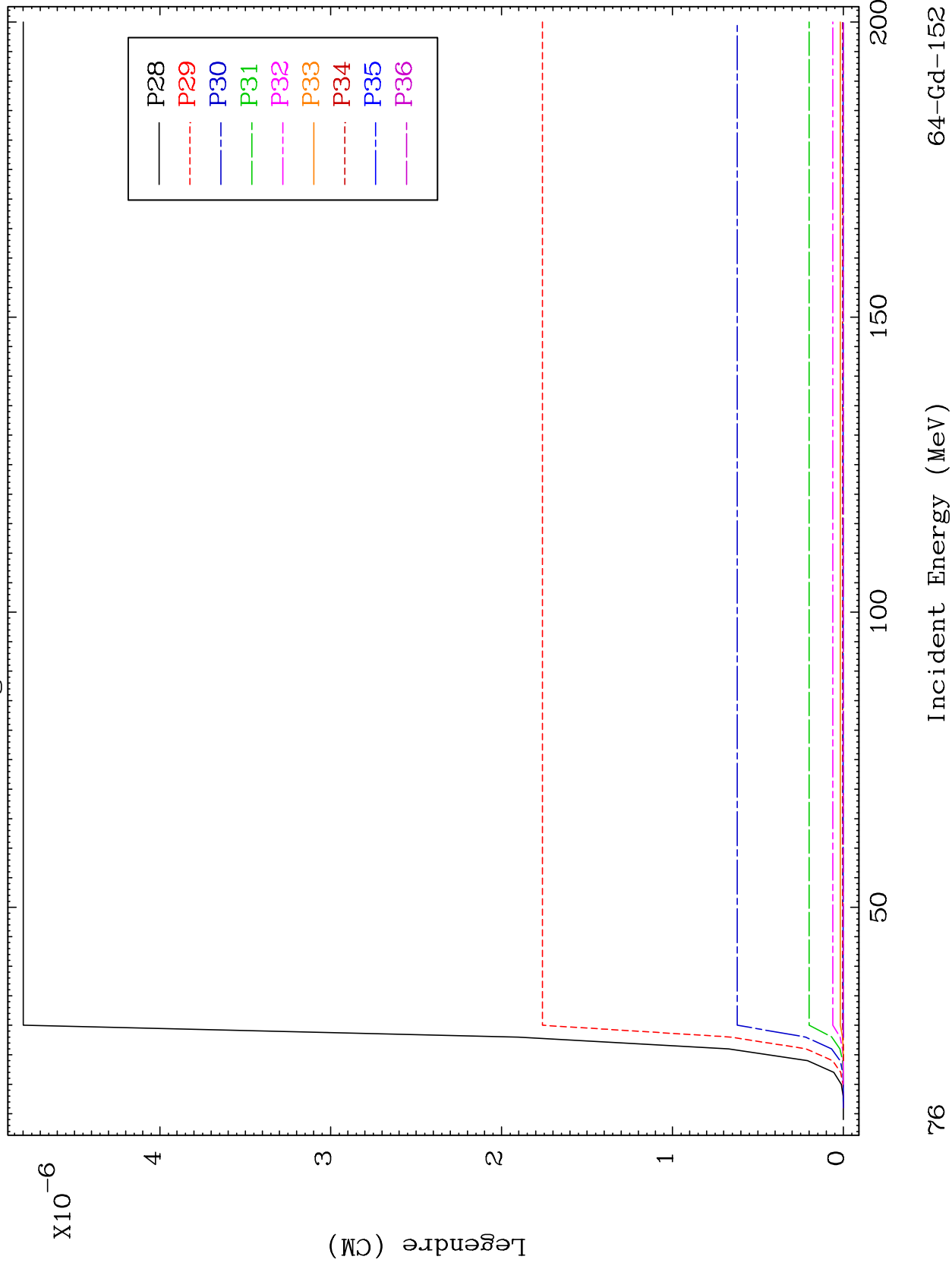
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

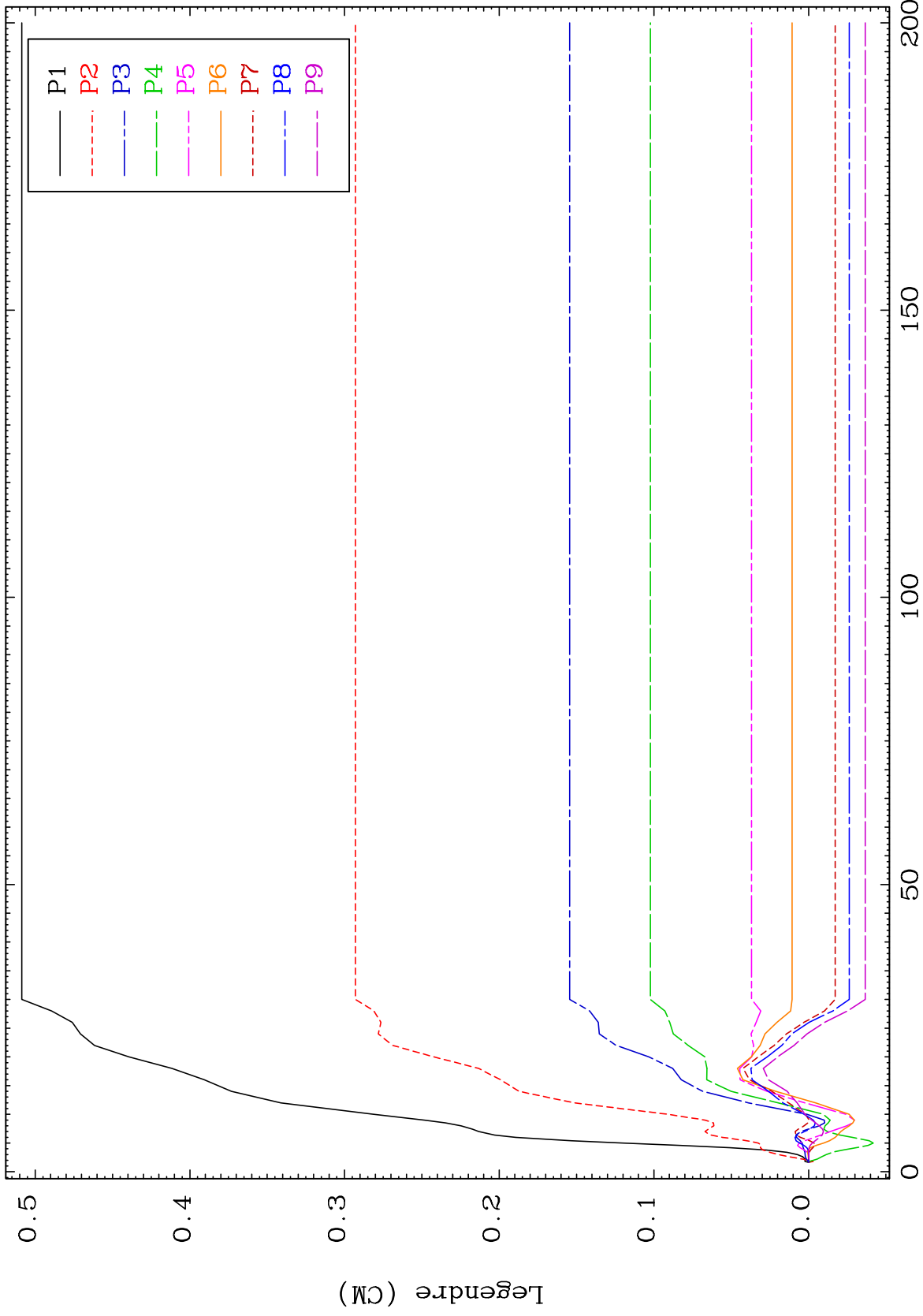
64-Gd-152



MAT 6425

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

64-Gd-152



77

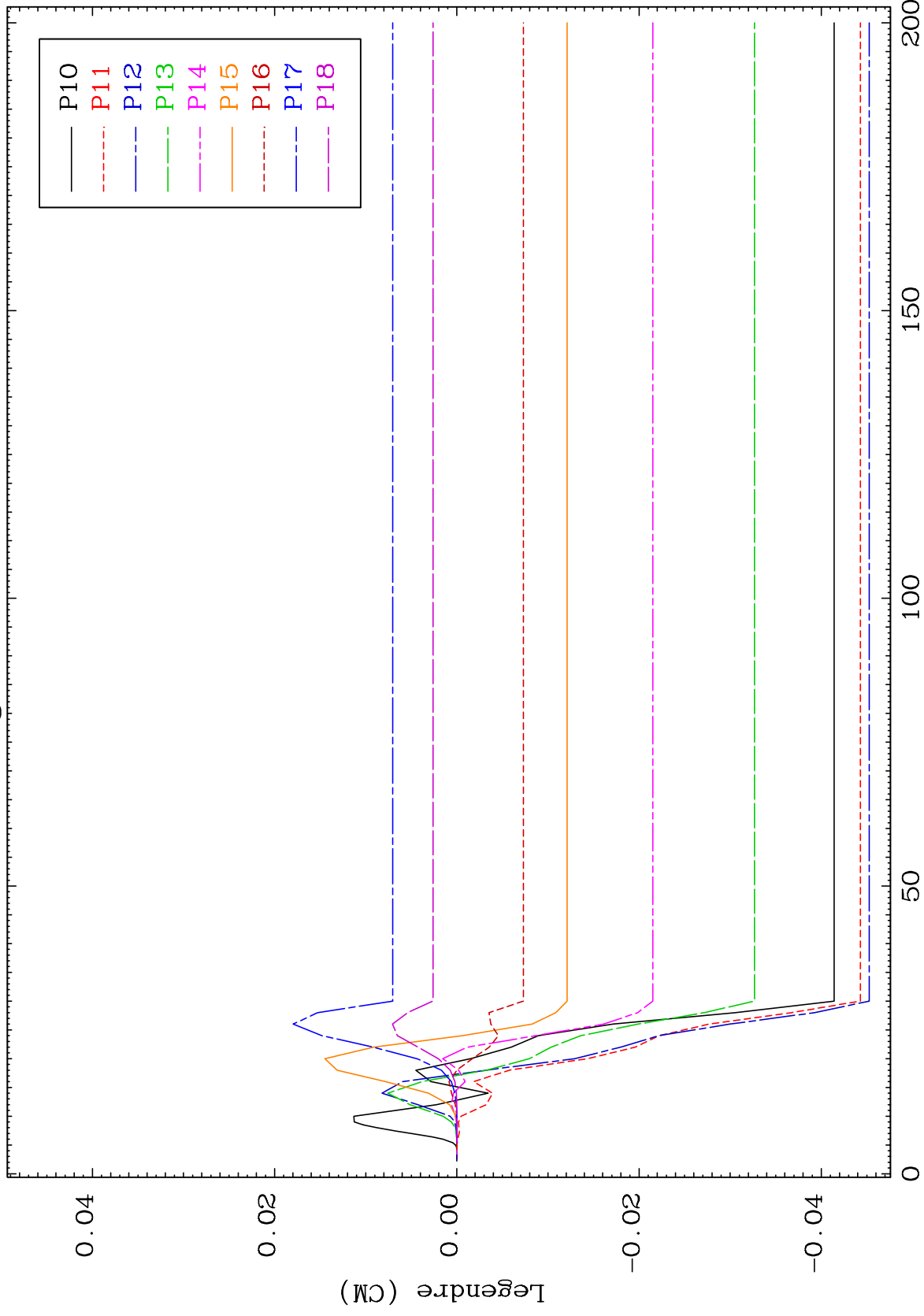
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



78

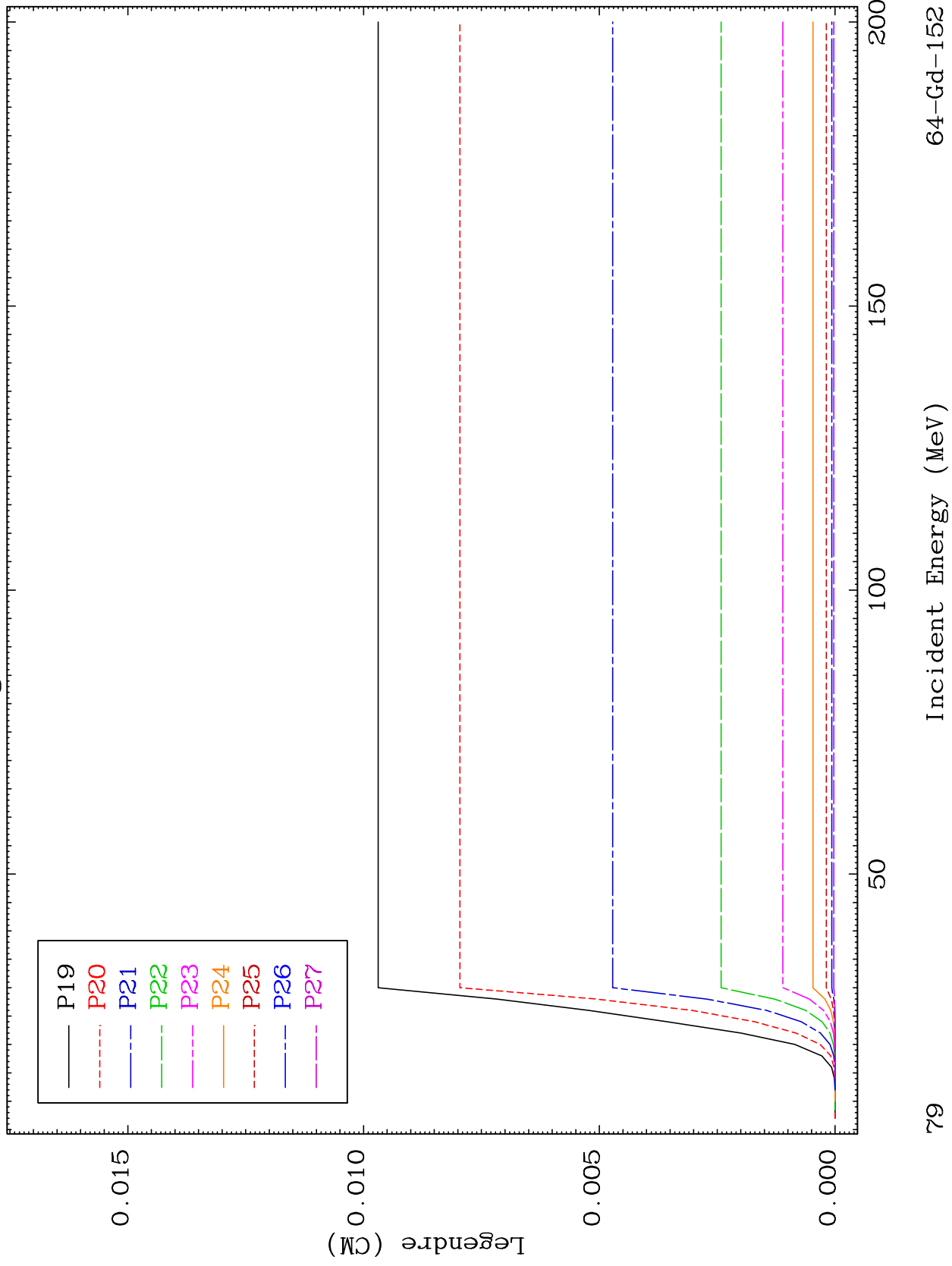
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



79

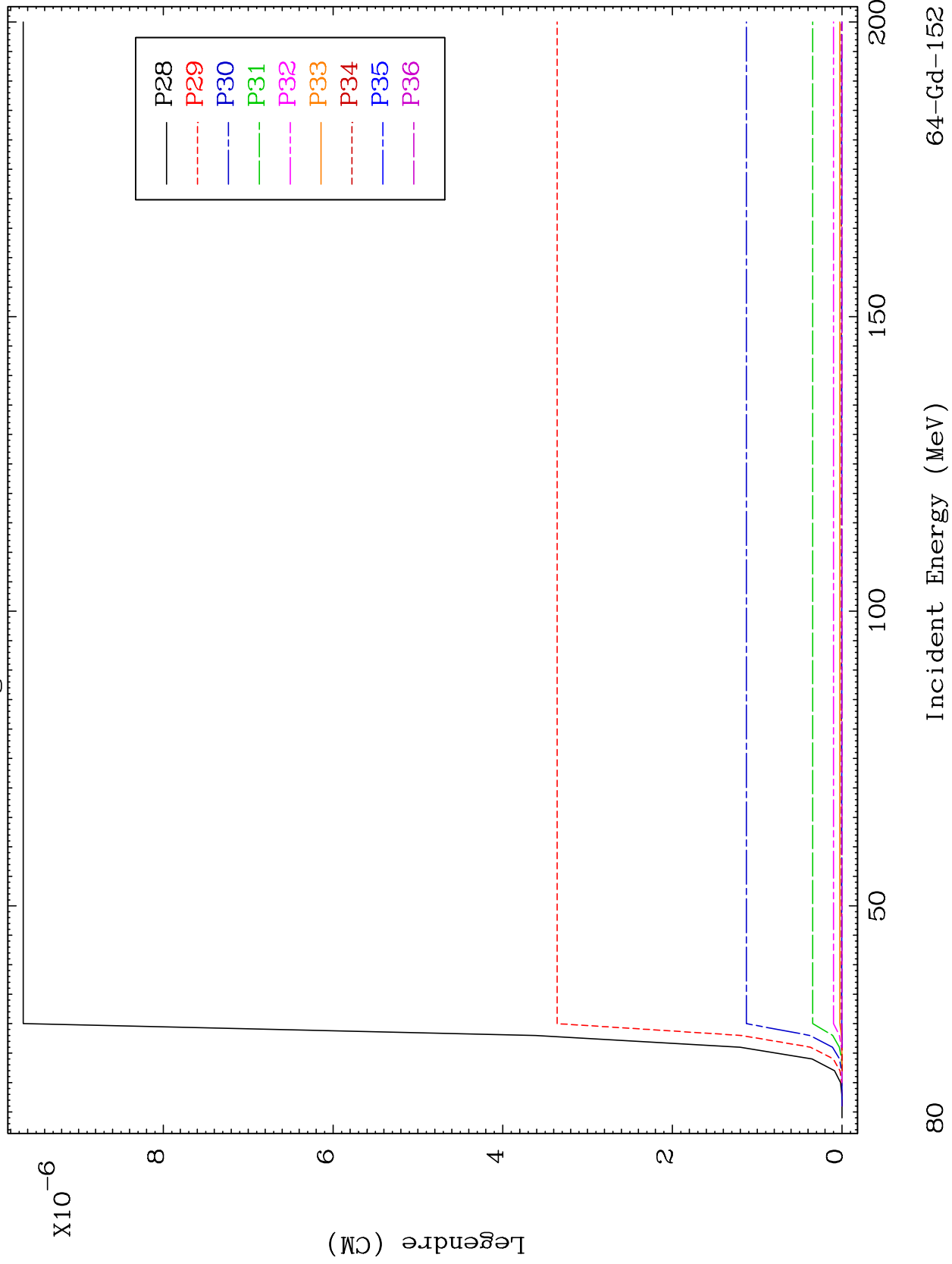
Incident Energy (MeV)

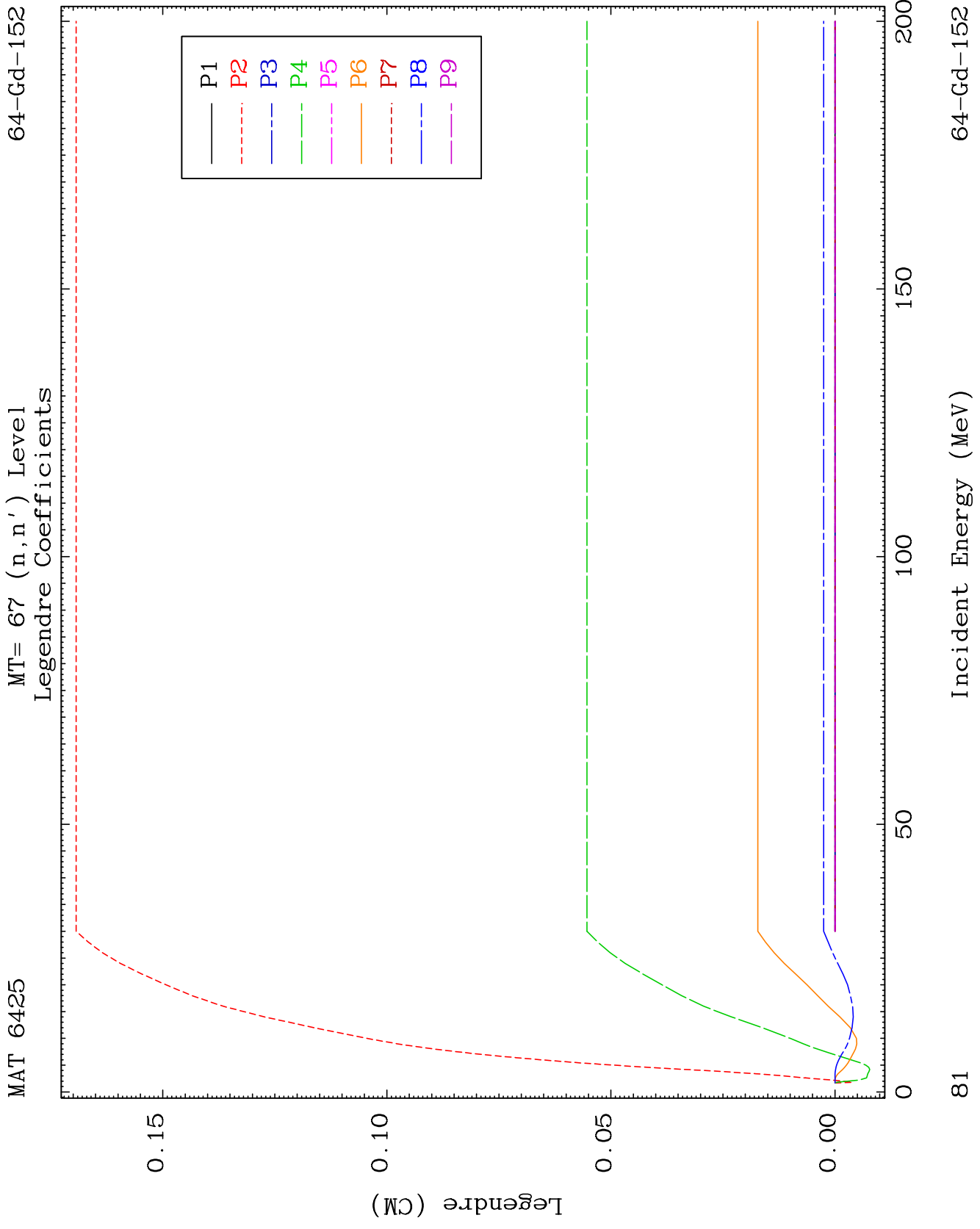
64-Gd-152

MAT 6425

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

64-Gd-152

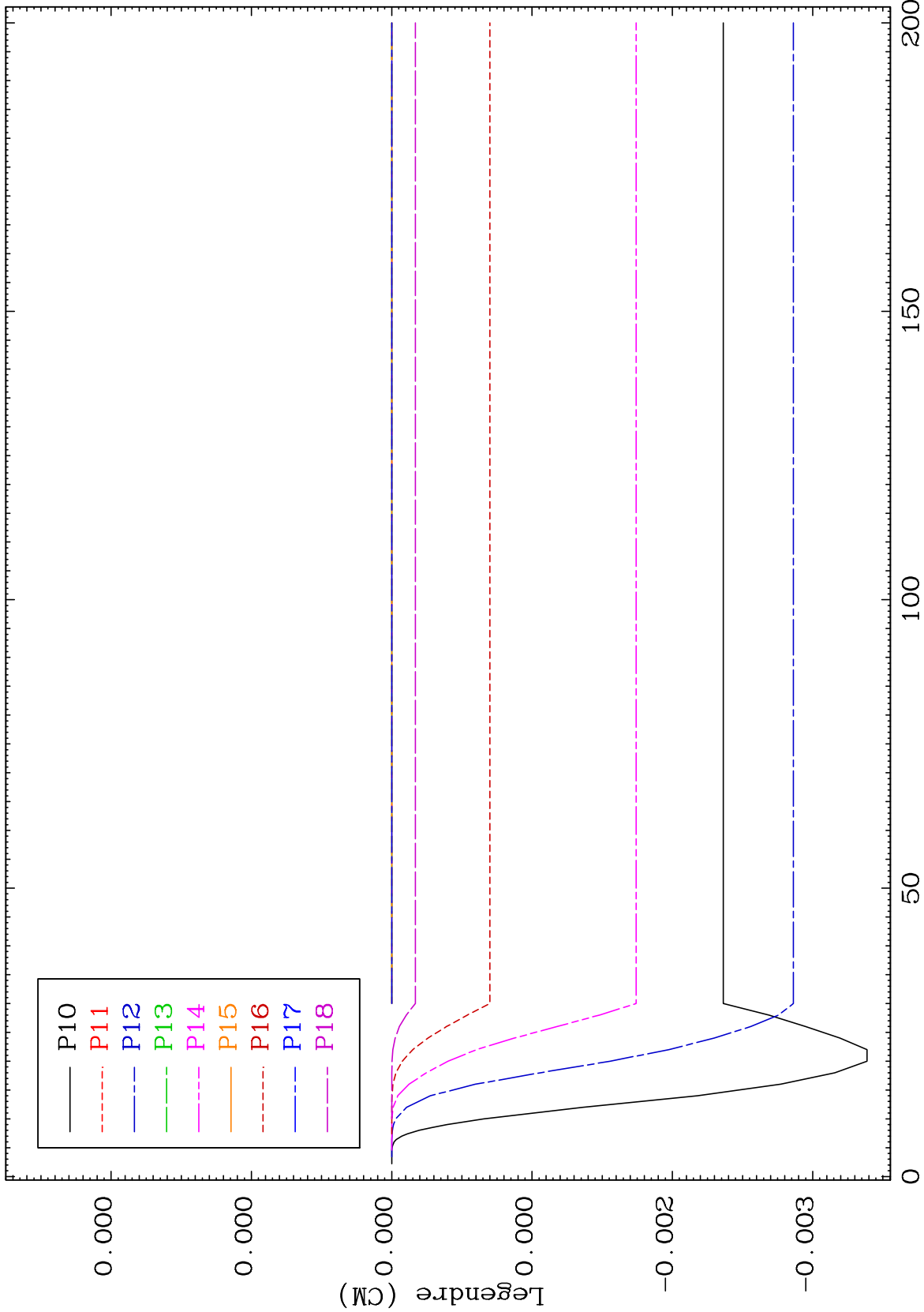




MAT 6425

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

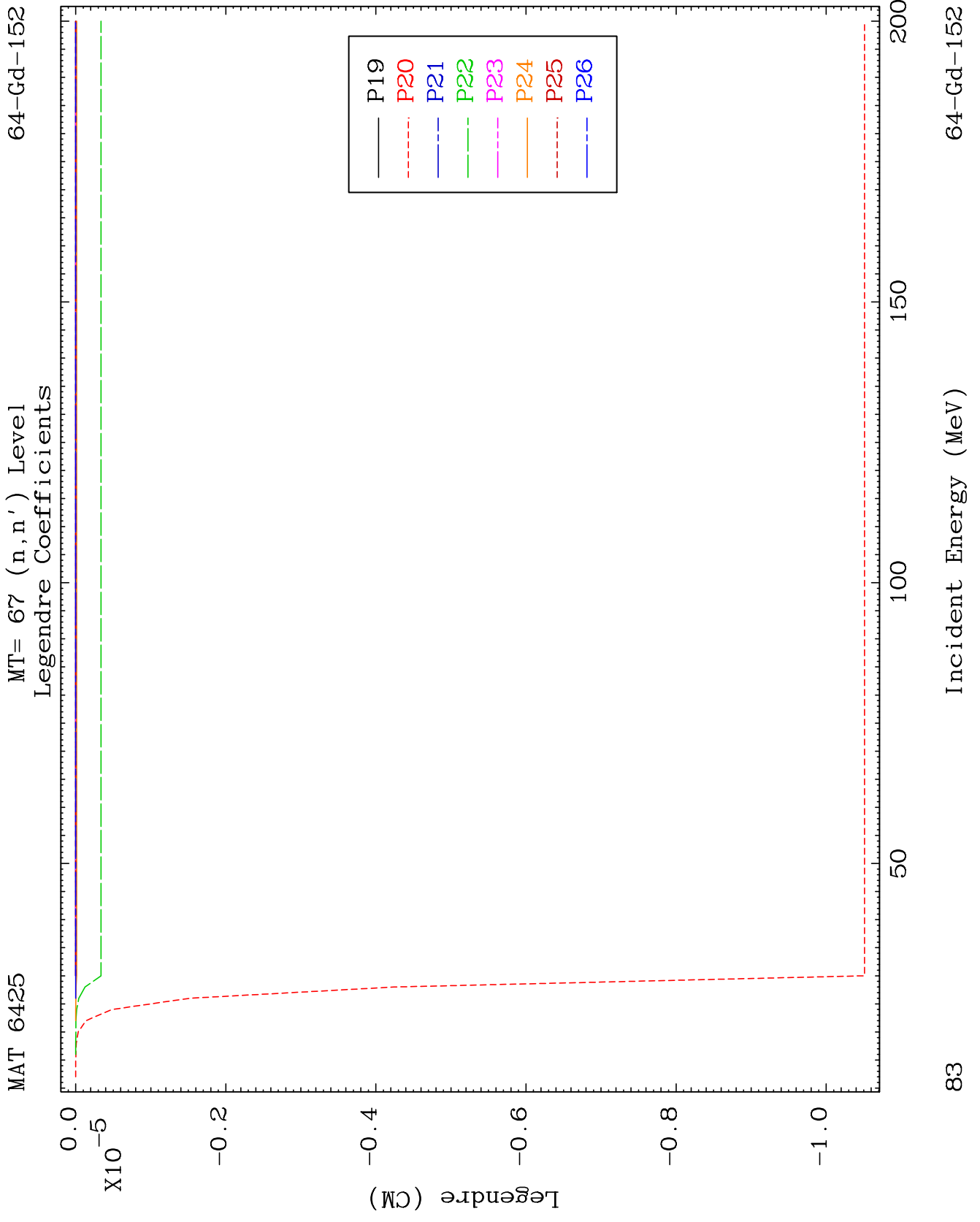
64-Gd-152



82

Incident Energy (MeV)

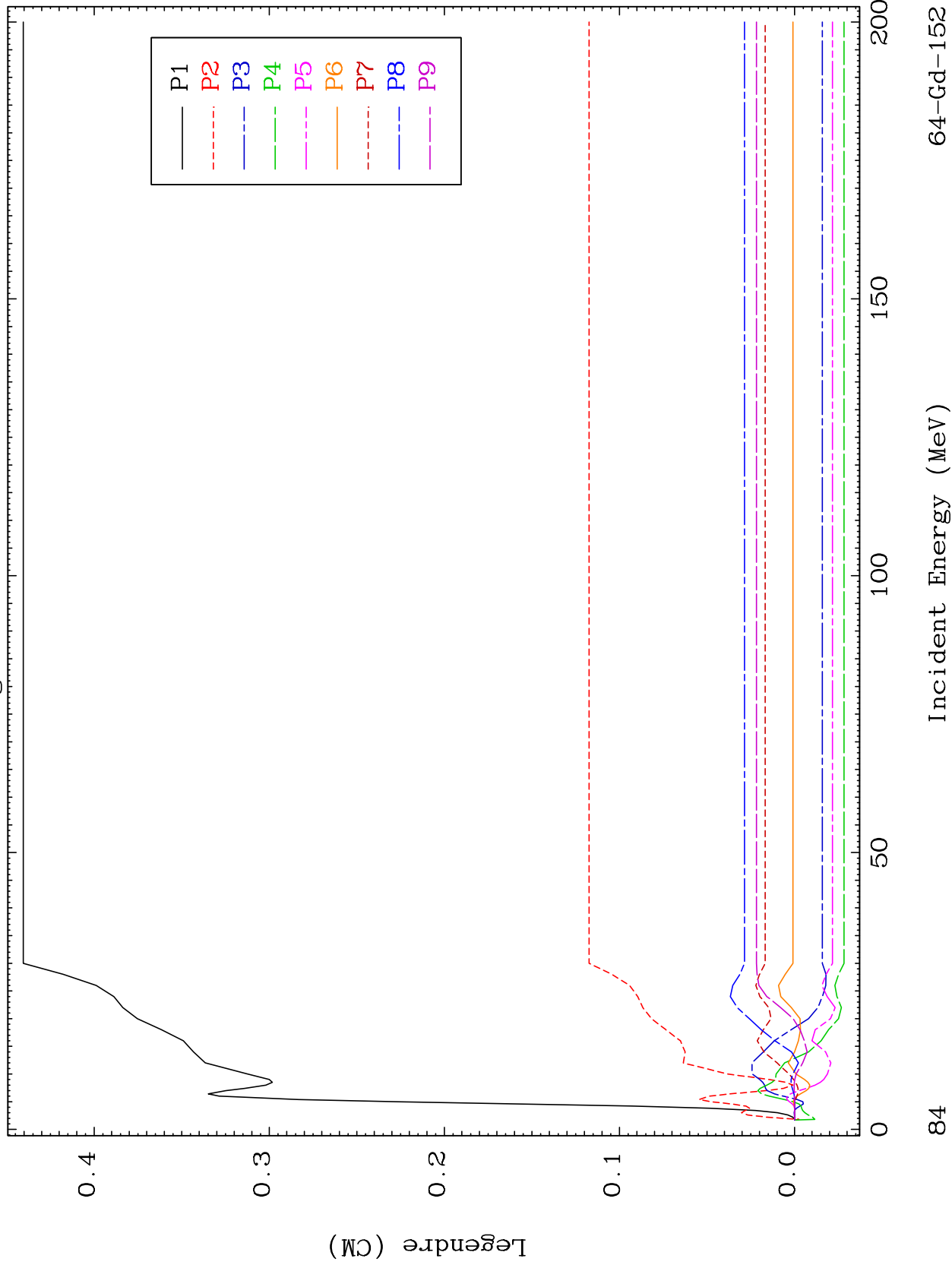
64-Gd-152



MAT 6425

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

64-Gd-152



64-Gd-152

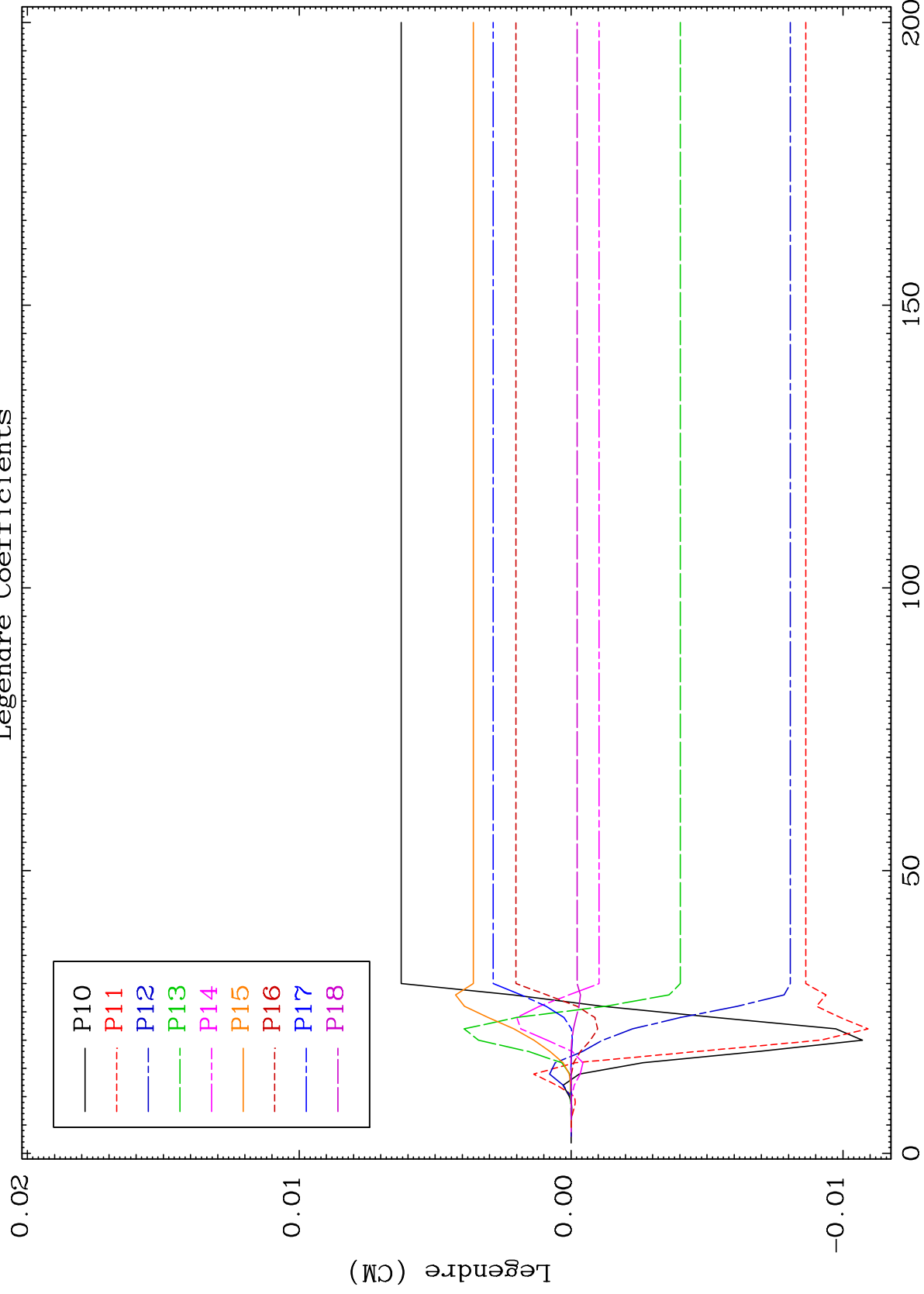
Incident Energy (MeV)

84

MAT 6425

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

64-Gd-152



85

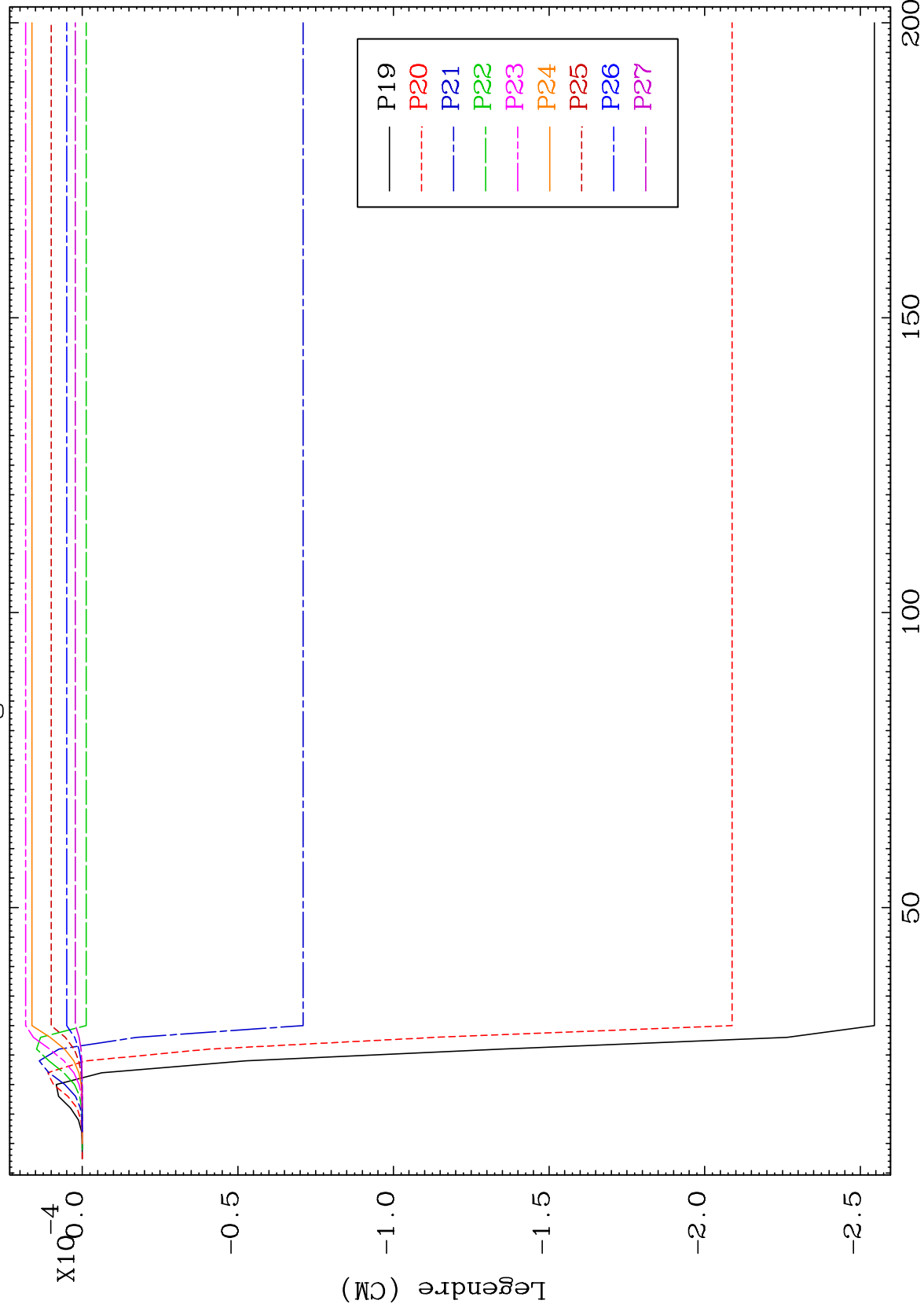
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

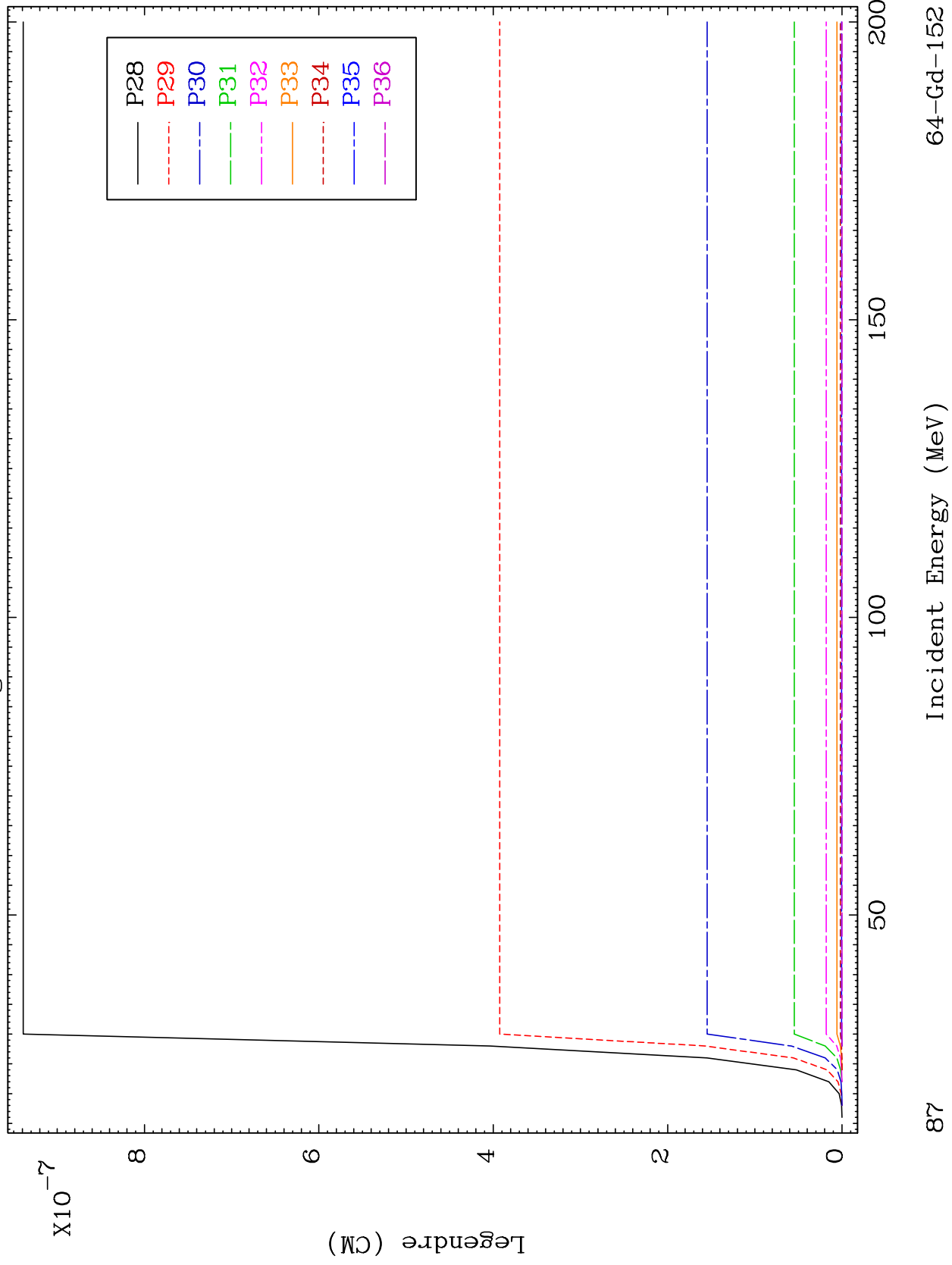
64-Gd-152



MAT 6425

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

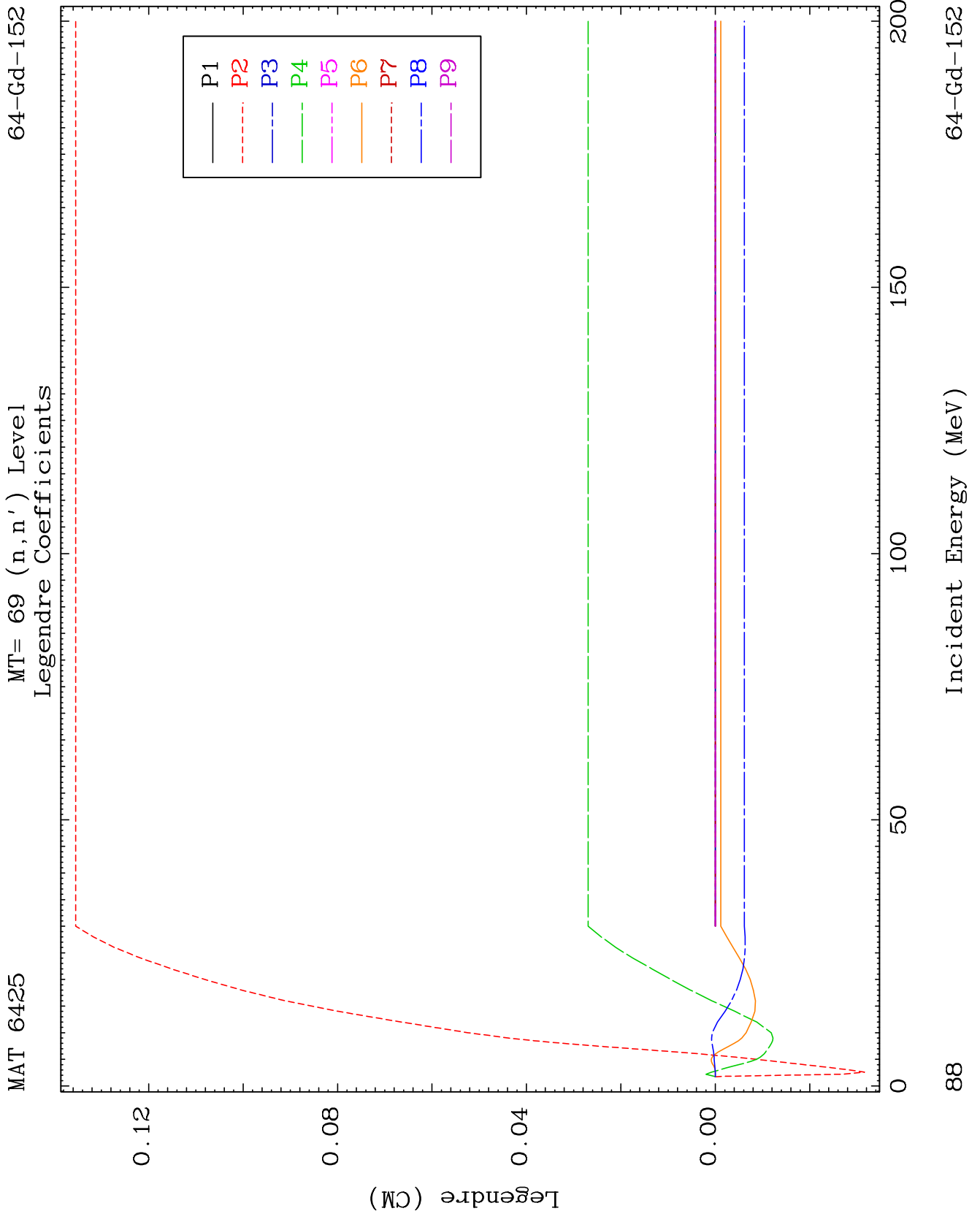
64-Gd-152



87

Incident Energy (MeV)

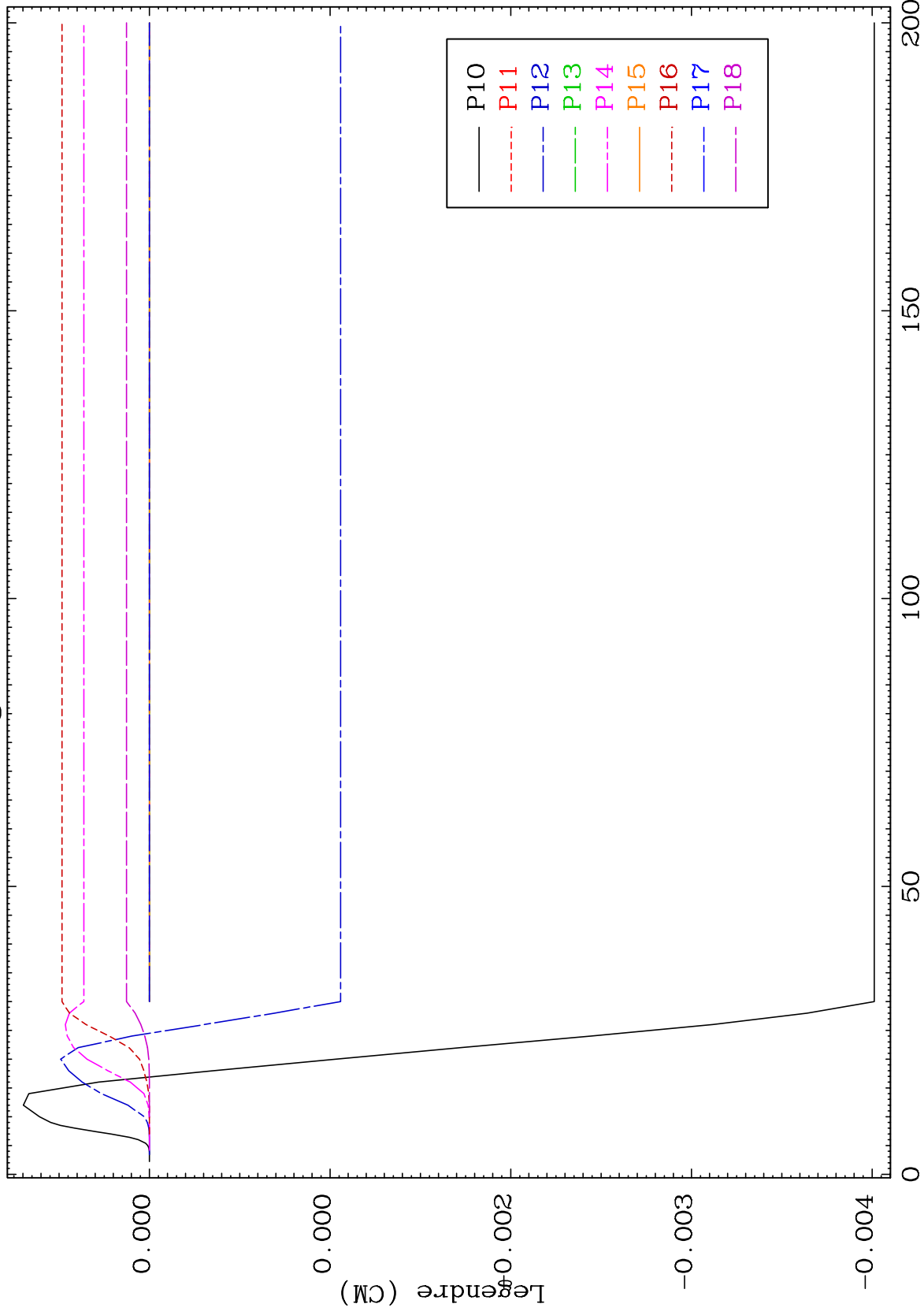
64-Gd-152



MAT 6425

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

64-Gd-152



89

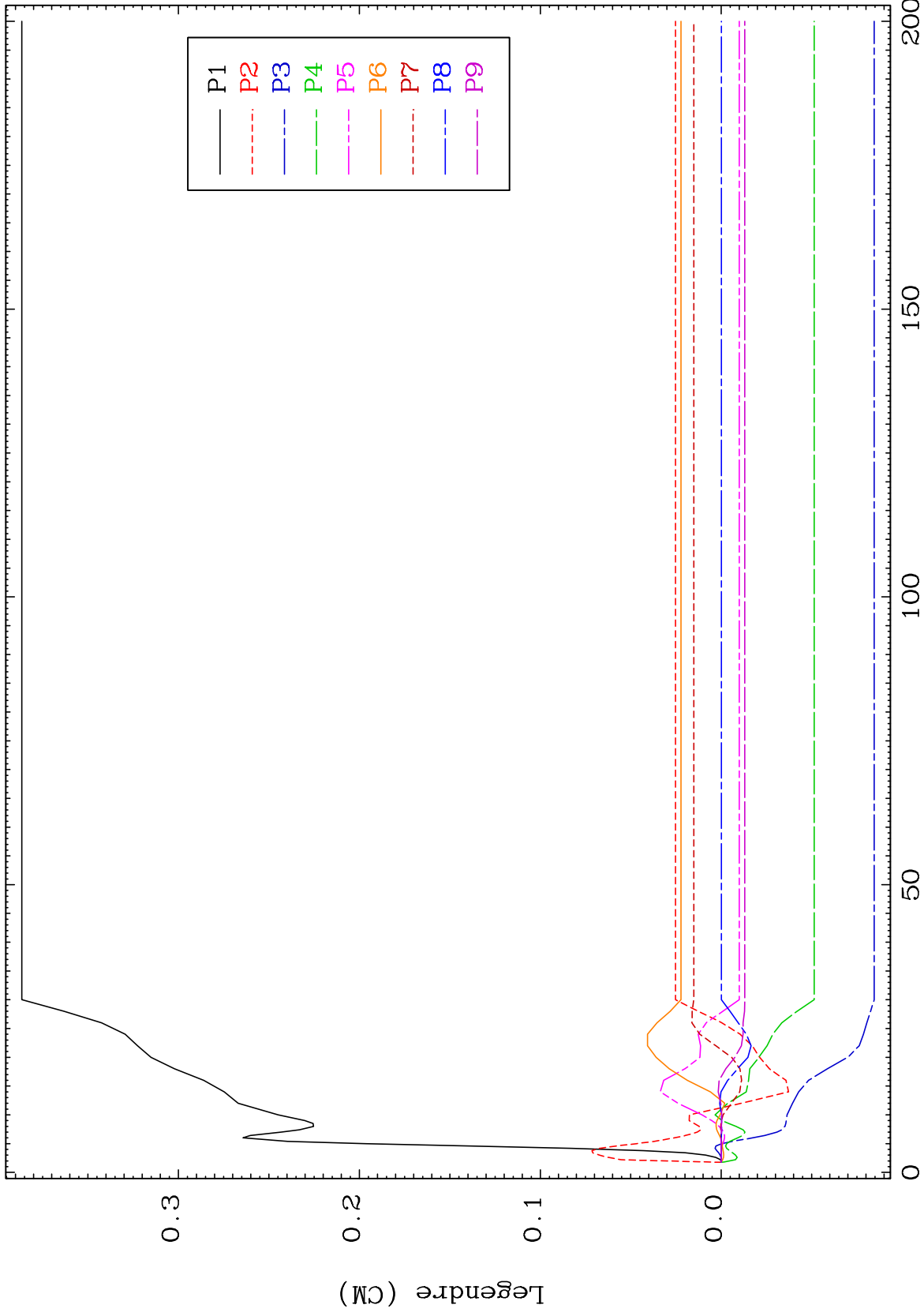
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



91

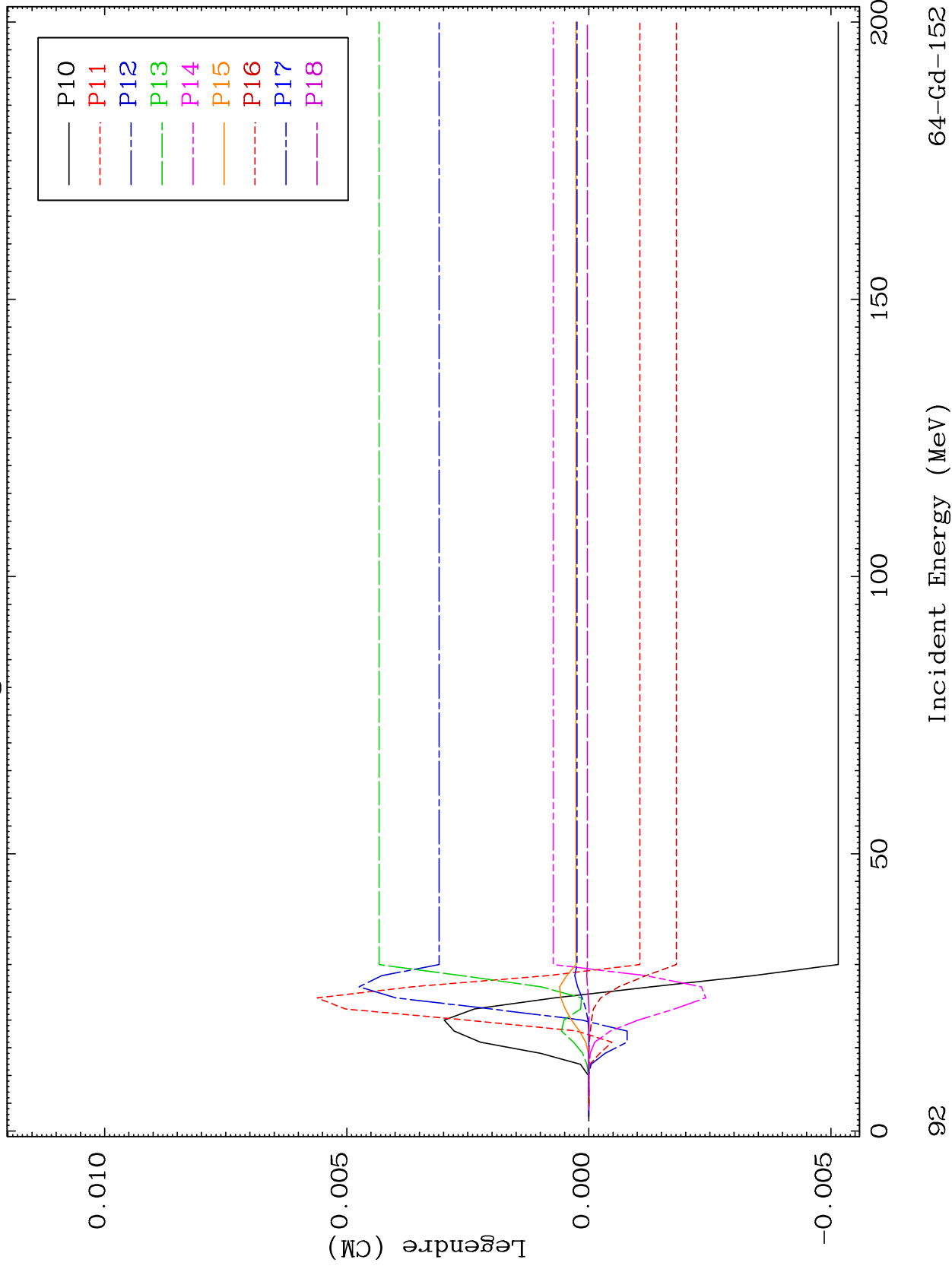
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



92

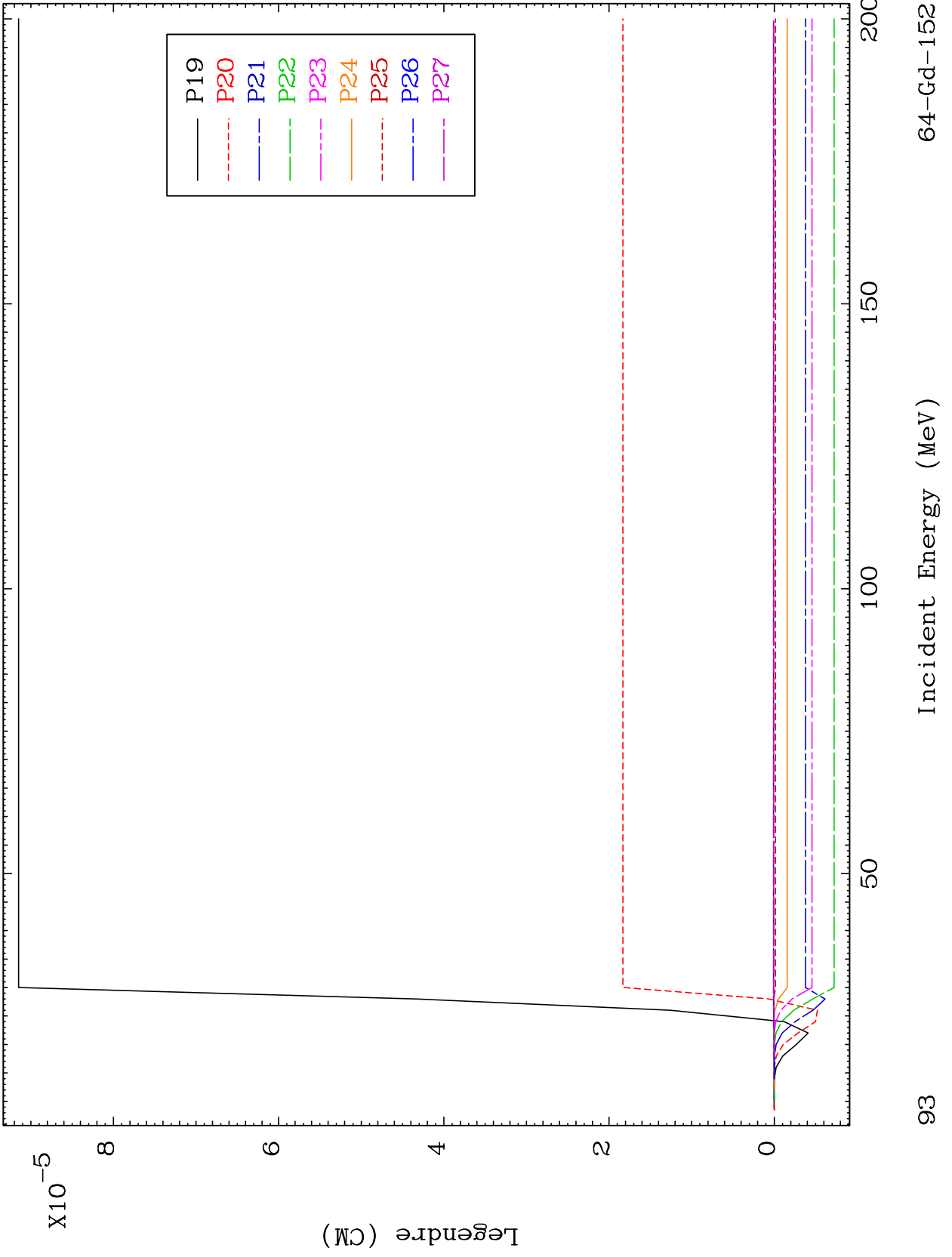
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



93

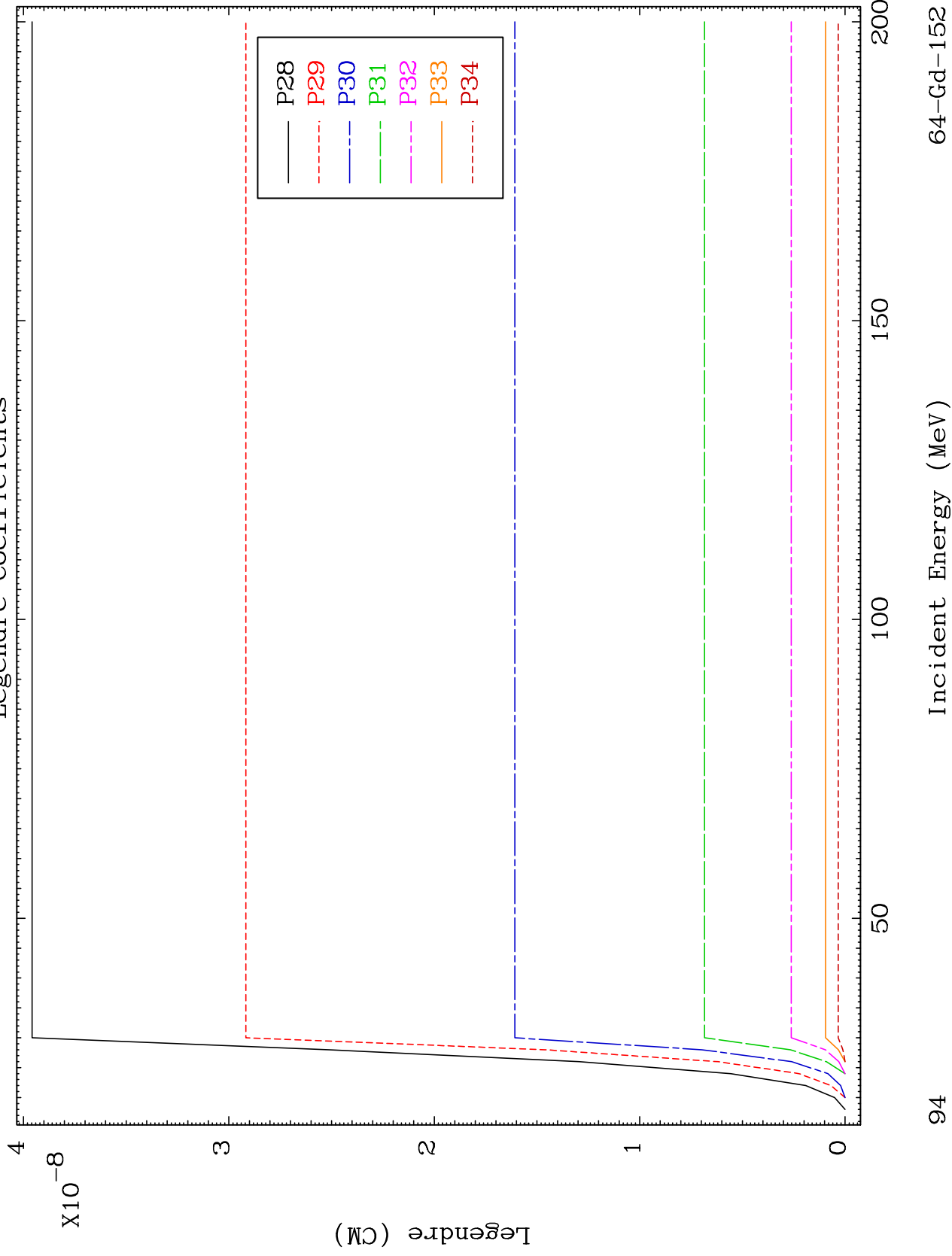
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



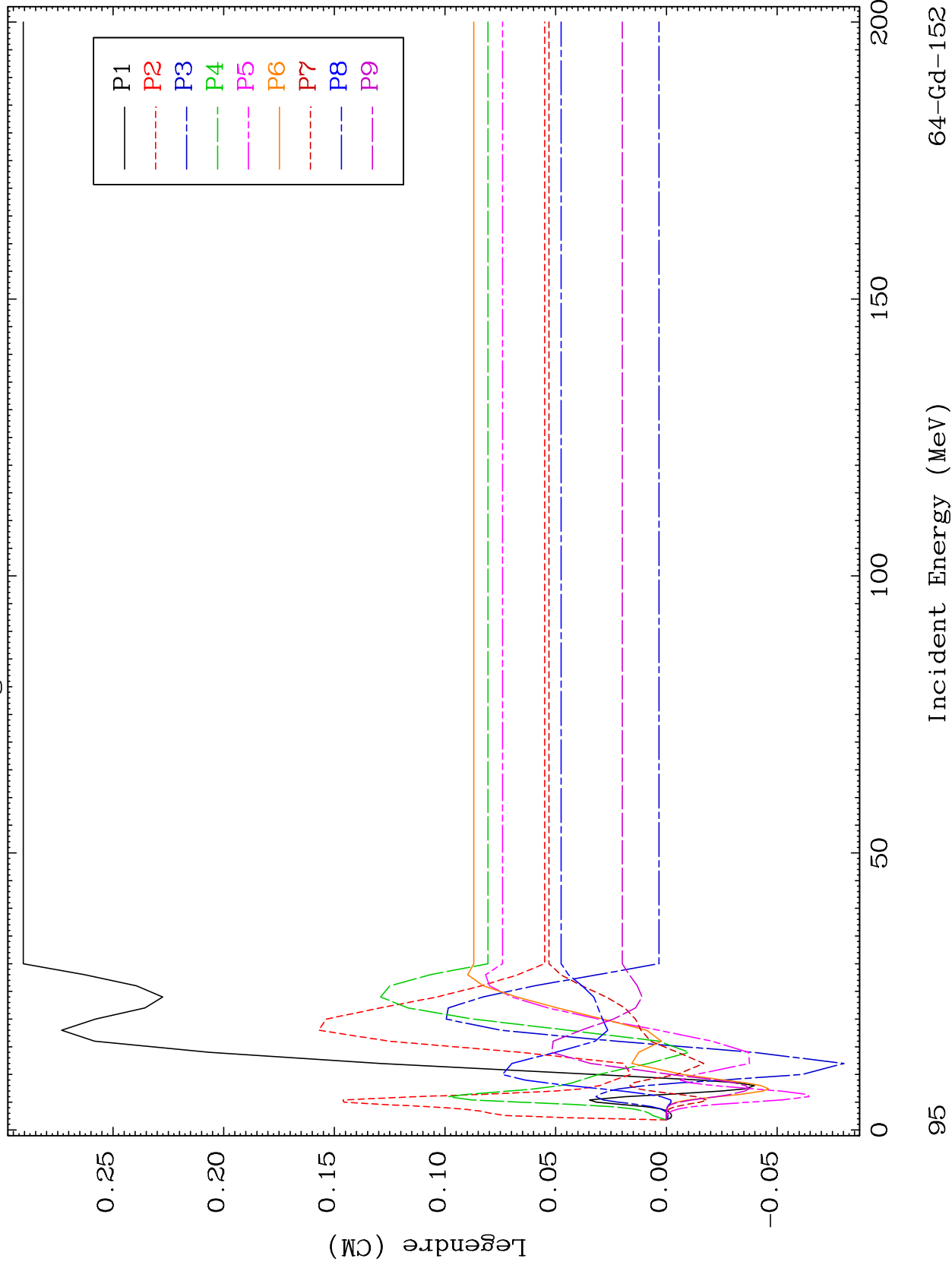
94

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

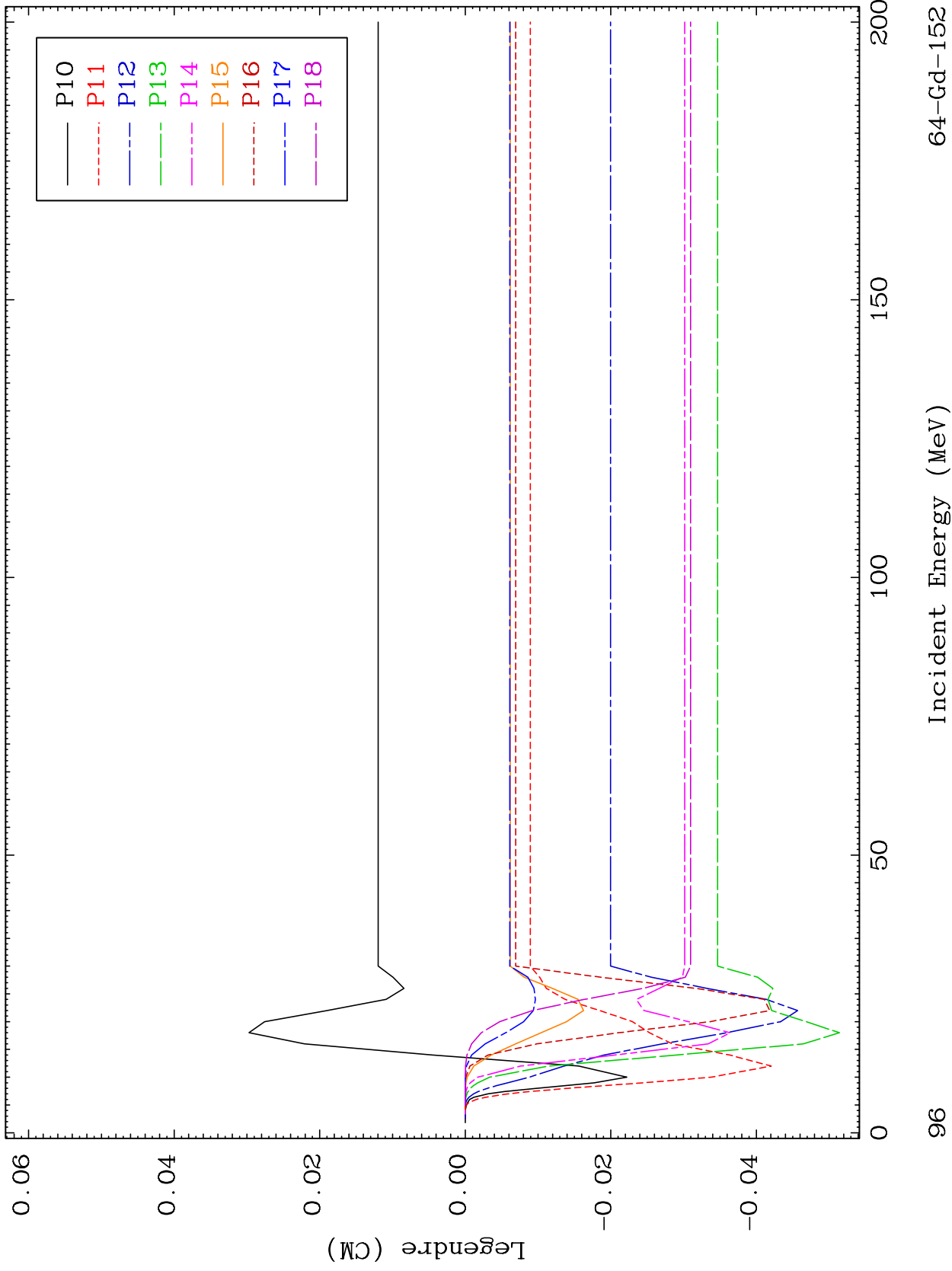
Incident Energy (MeV)

95

MAT 6425

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

64-Gd-152



64-Gd-152

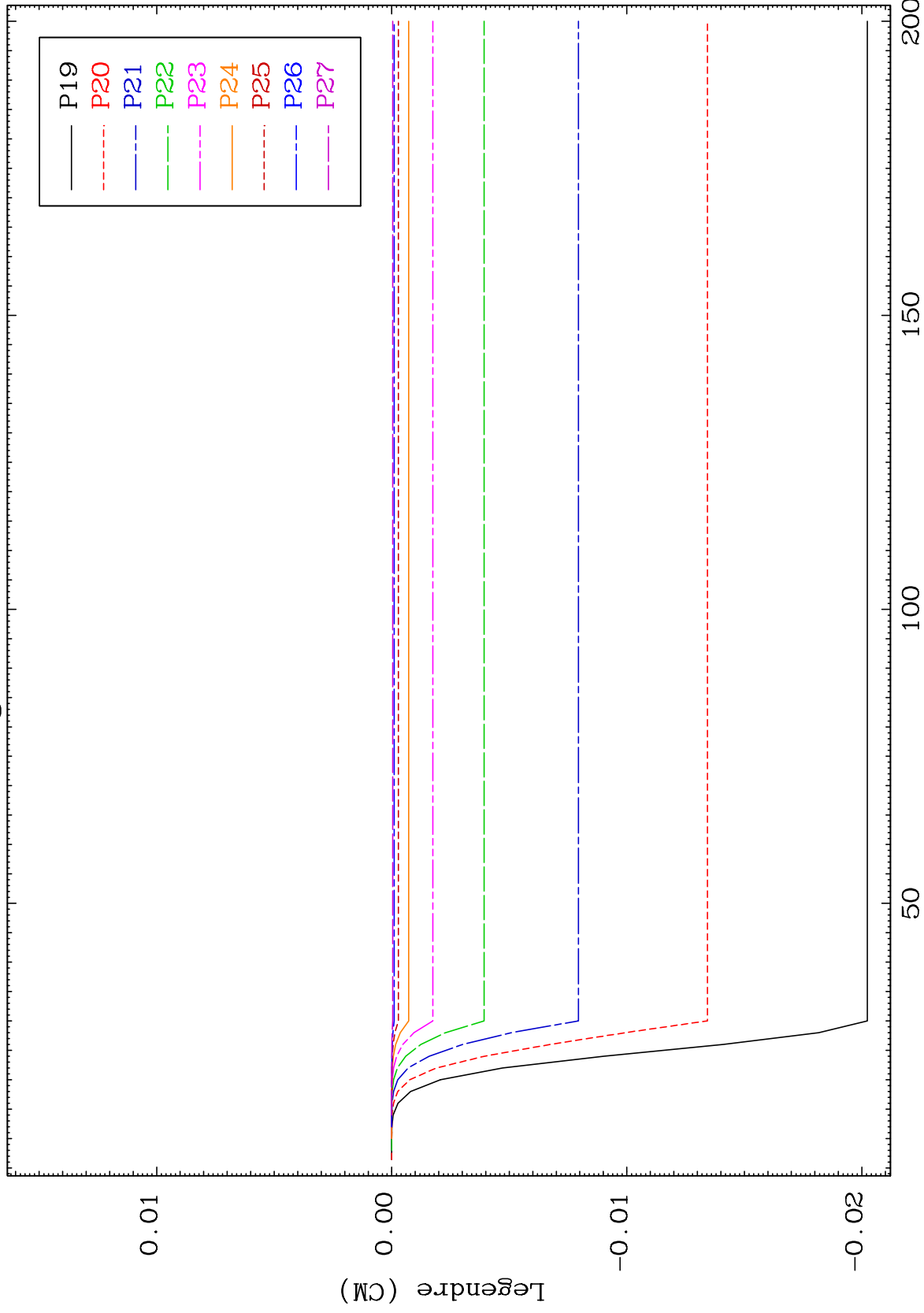
Incident Energy (MeV)

96

MAT 6425

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

64-Gd-152



97

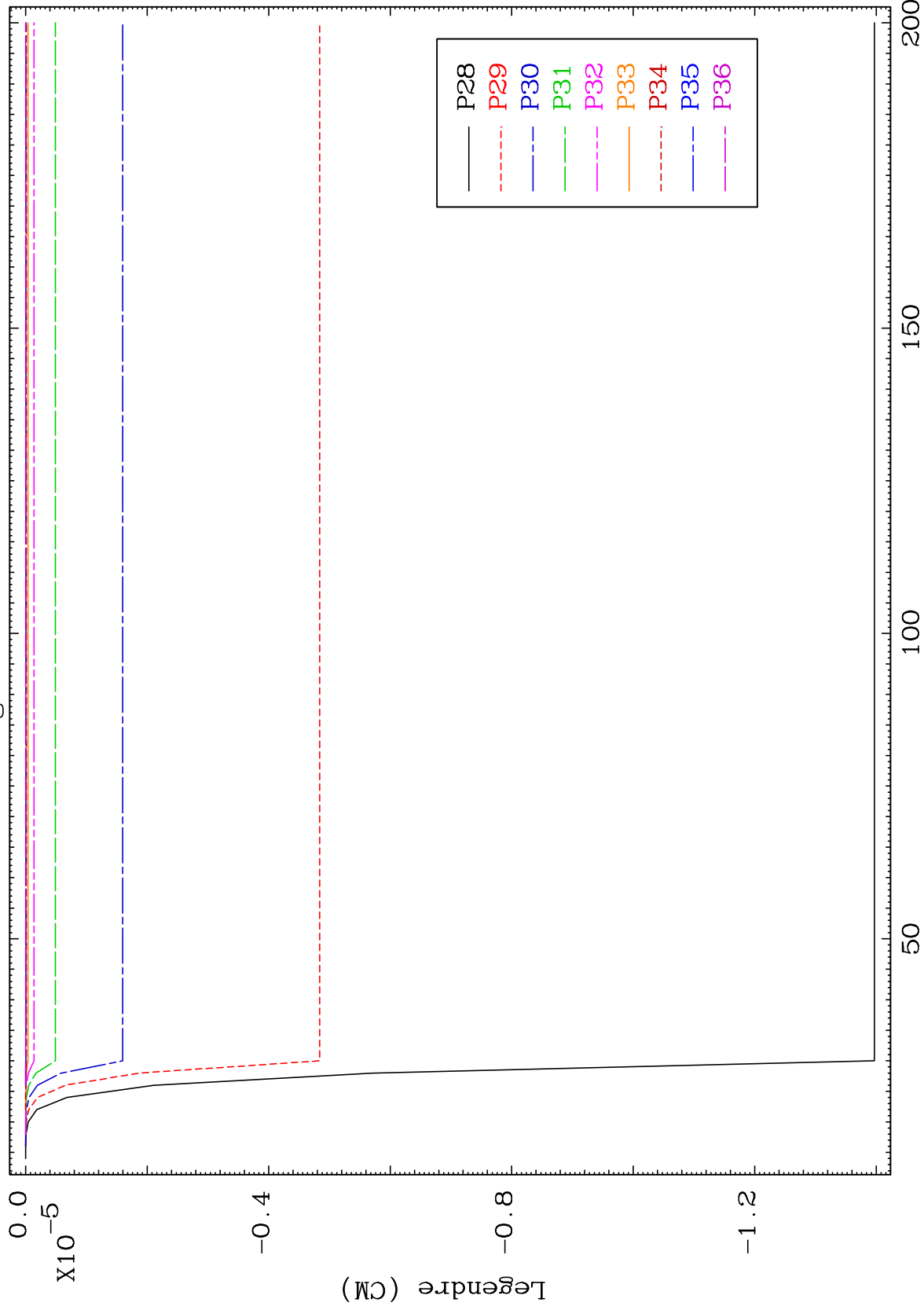
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



98

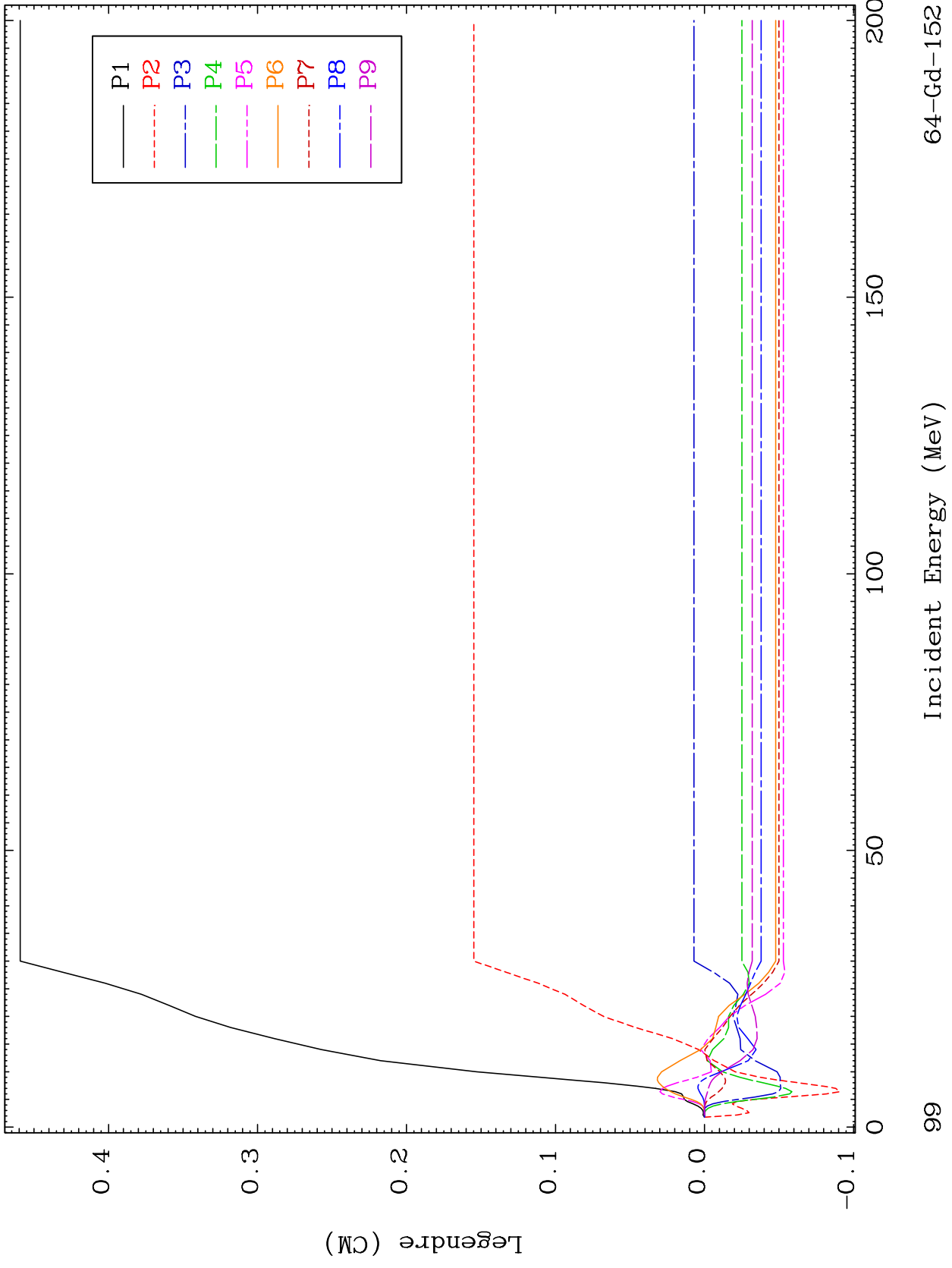
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



99

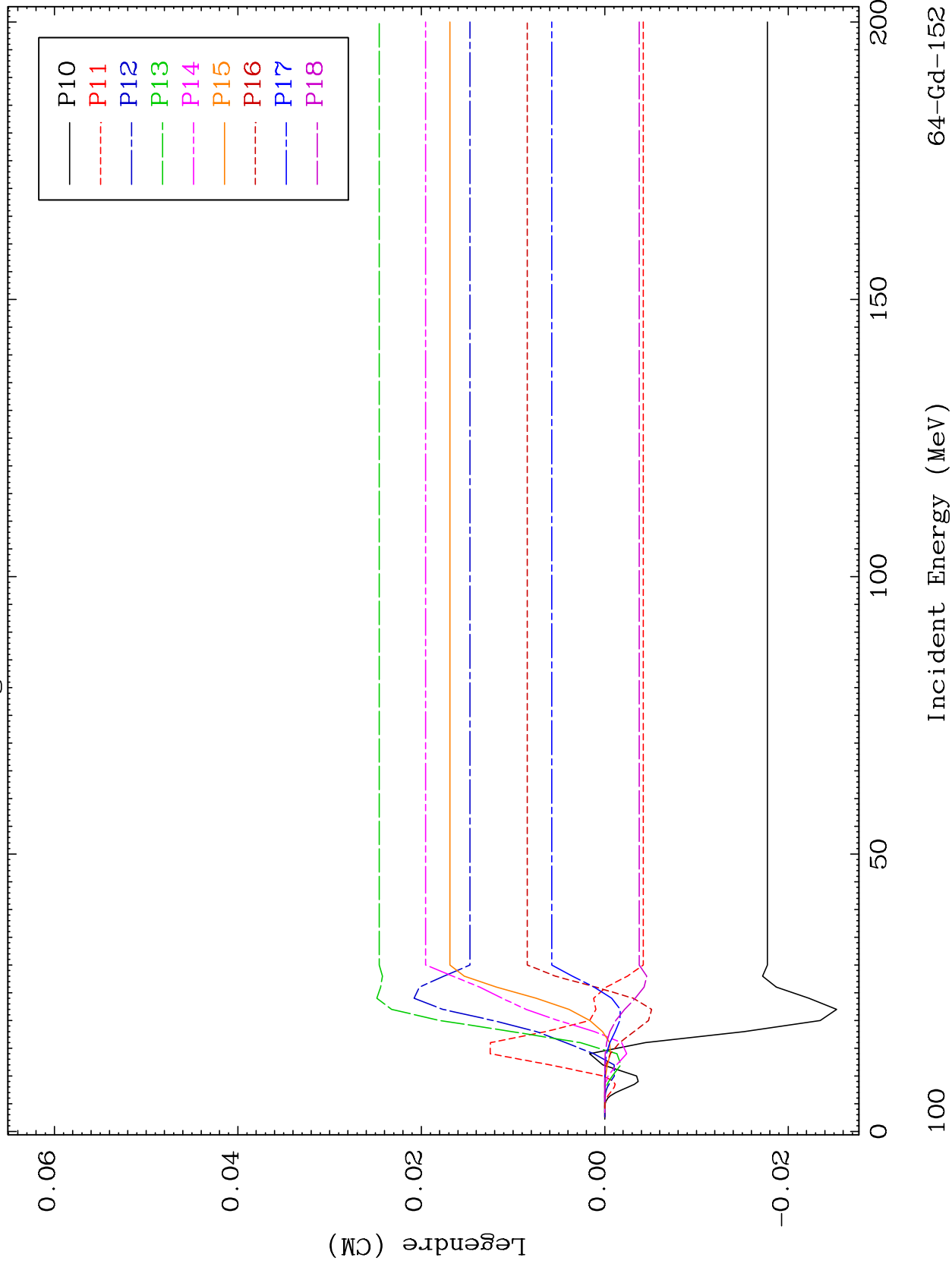
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



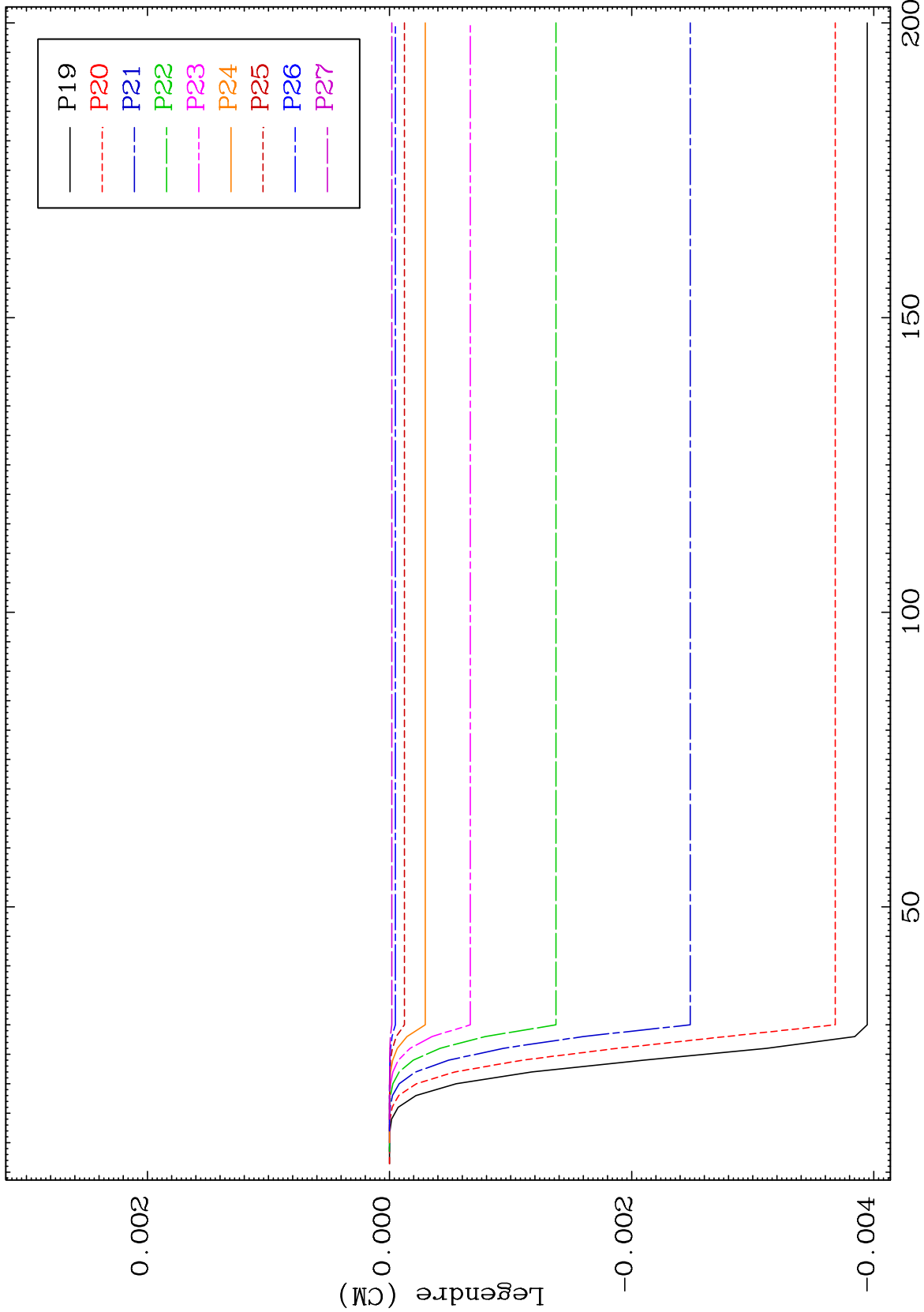
64-Gd-152

Incident Energy (MeV)

MAT 6425

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

64-Gd-152



101

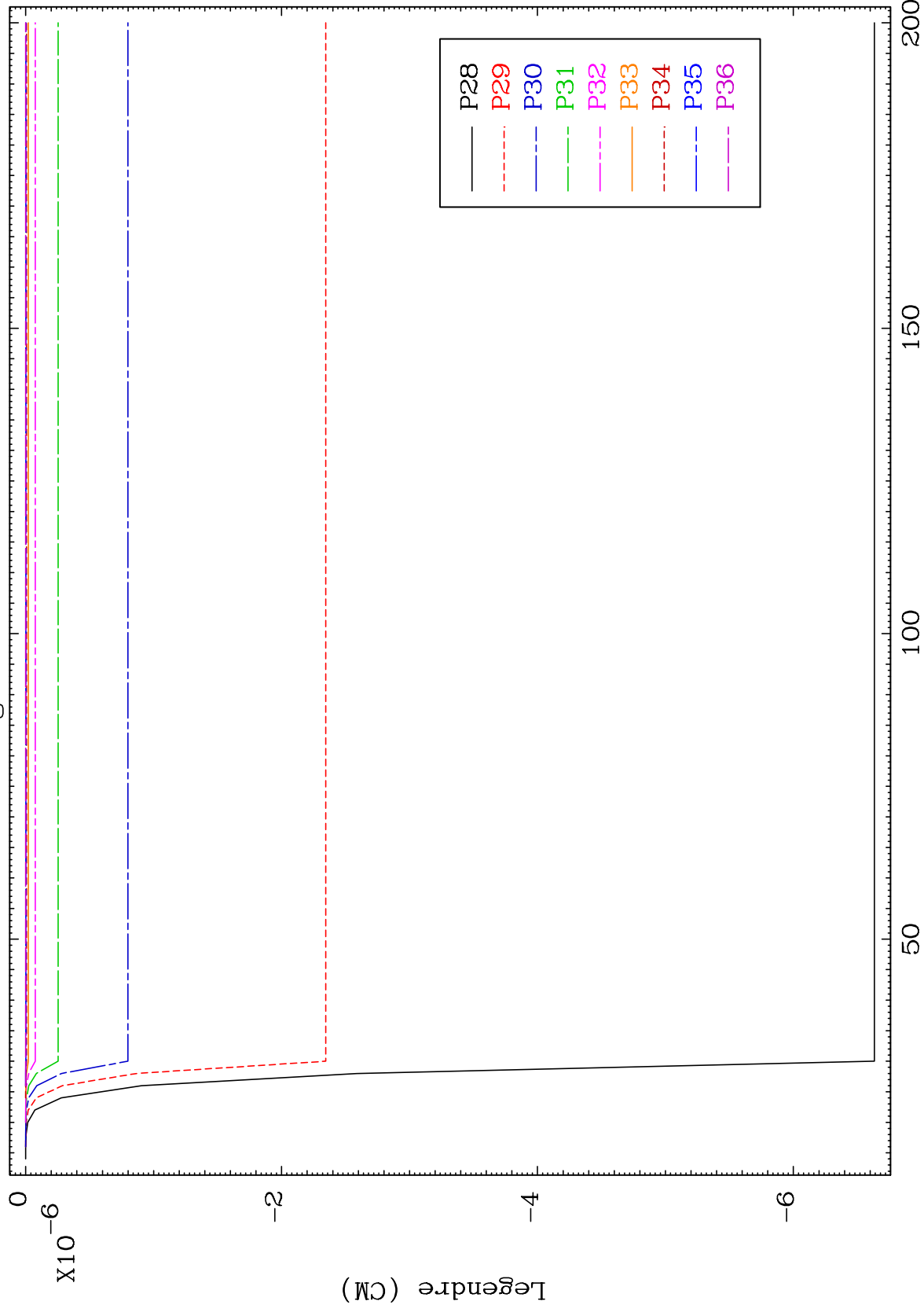
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



102

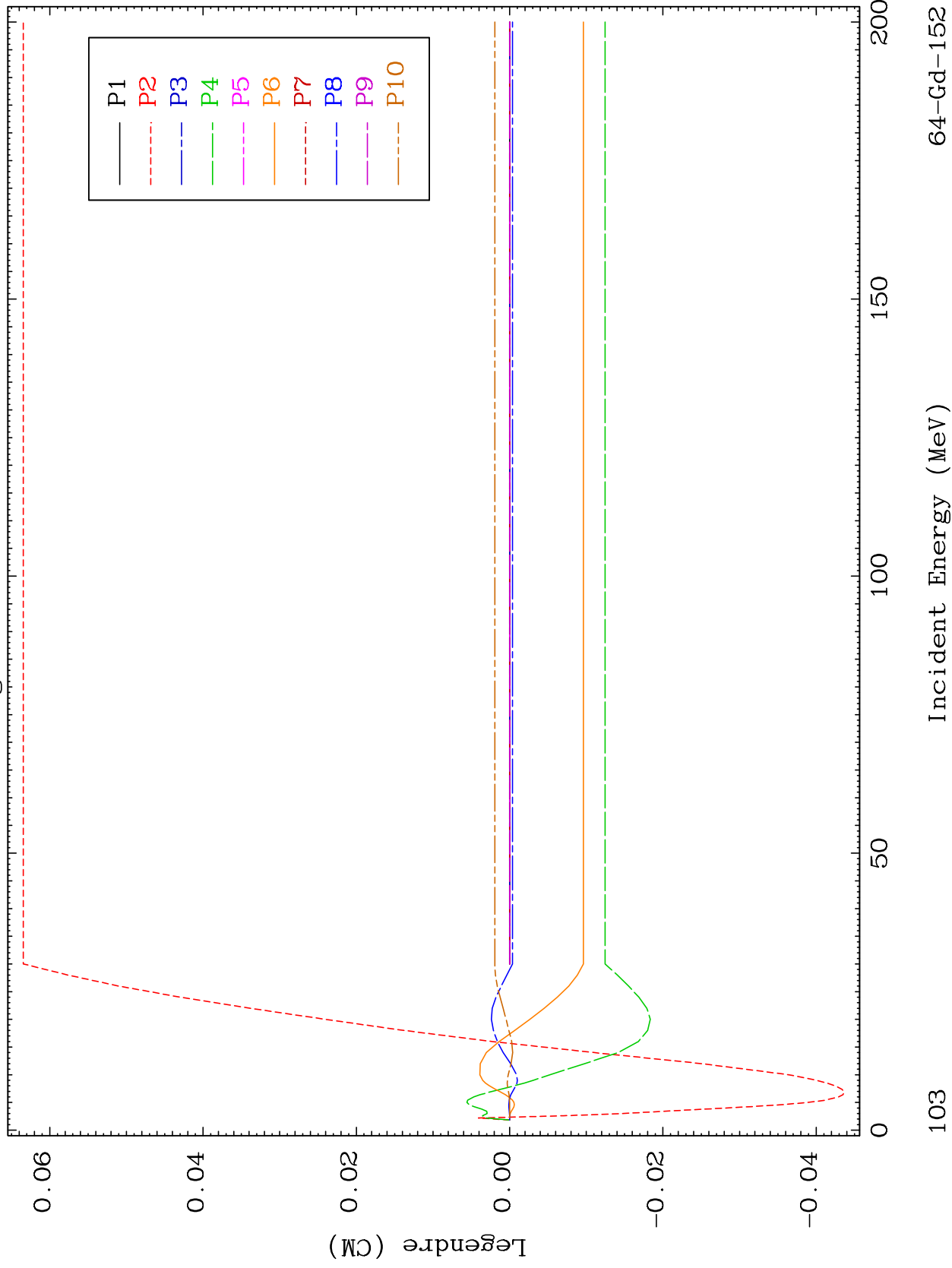
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

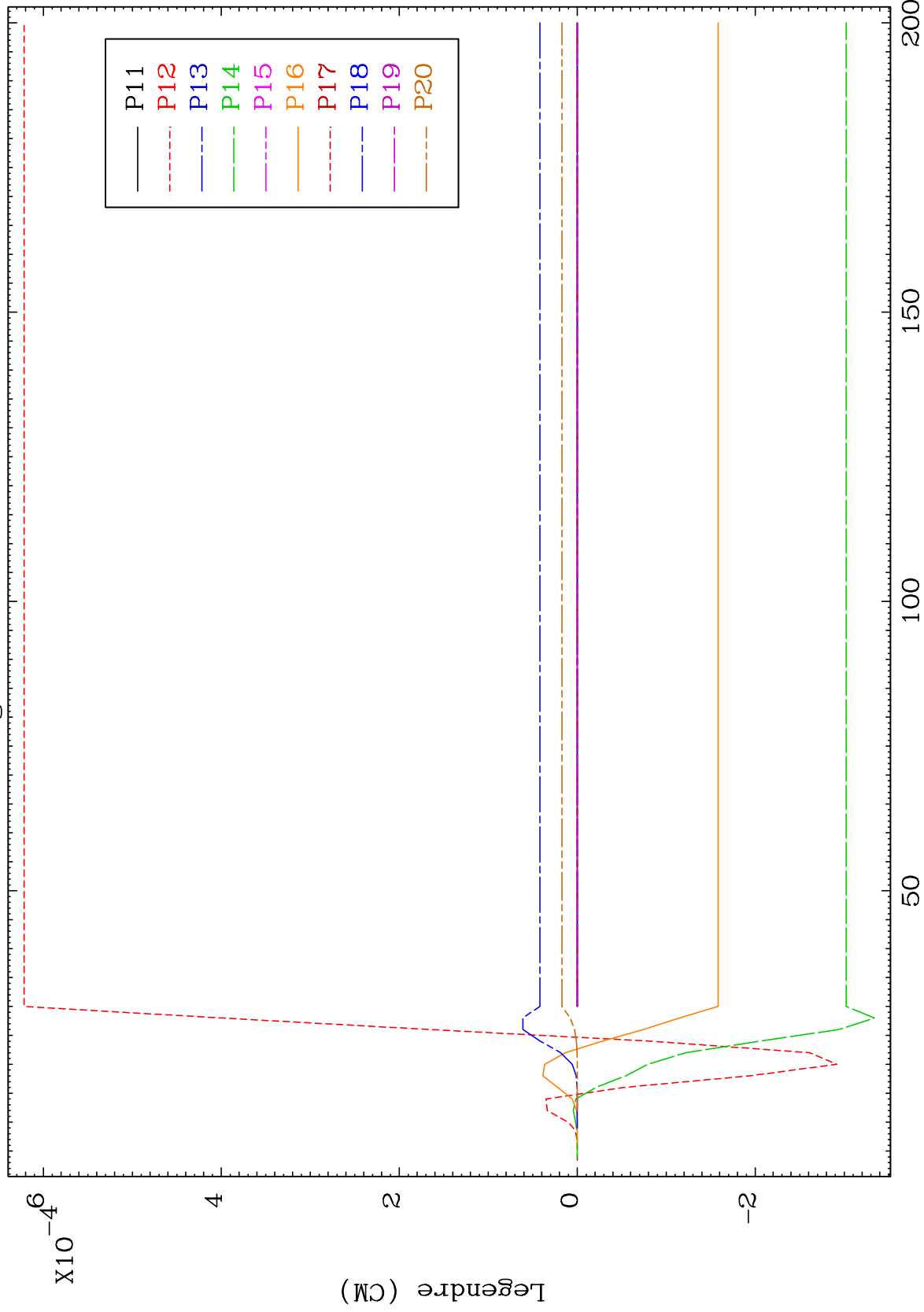
Incident Energy (MeV)

103

MAT 6425

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

64-Gd-152



104

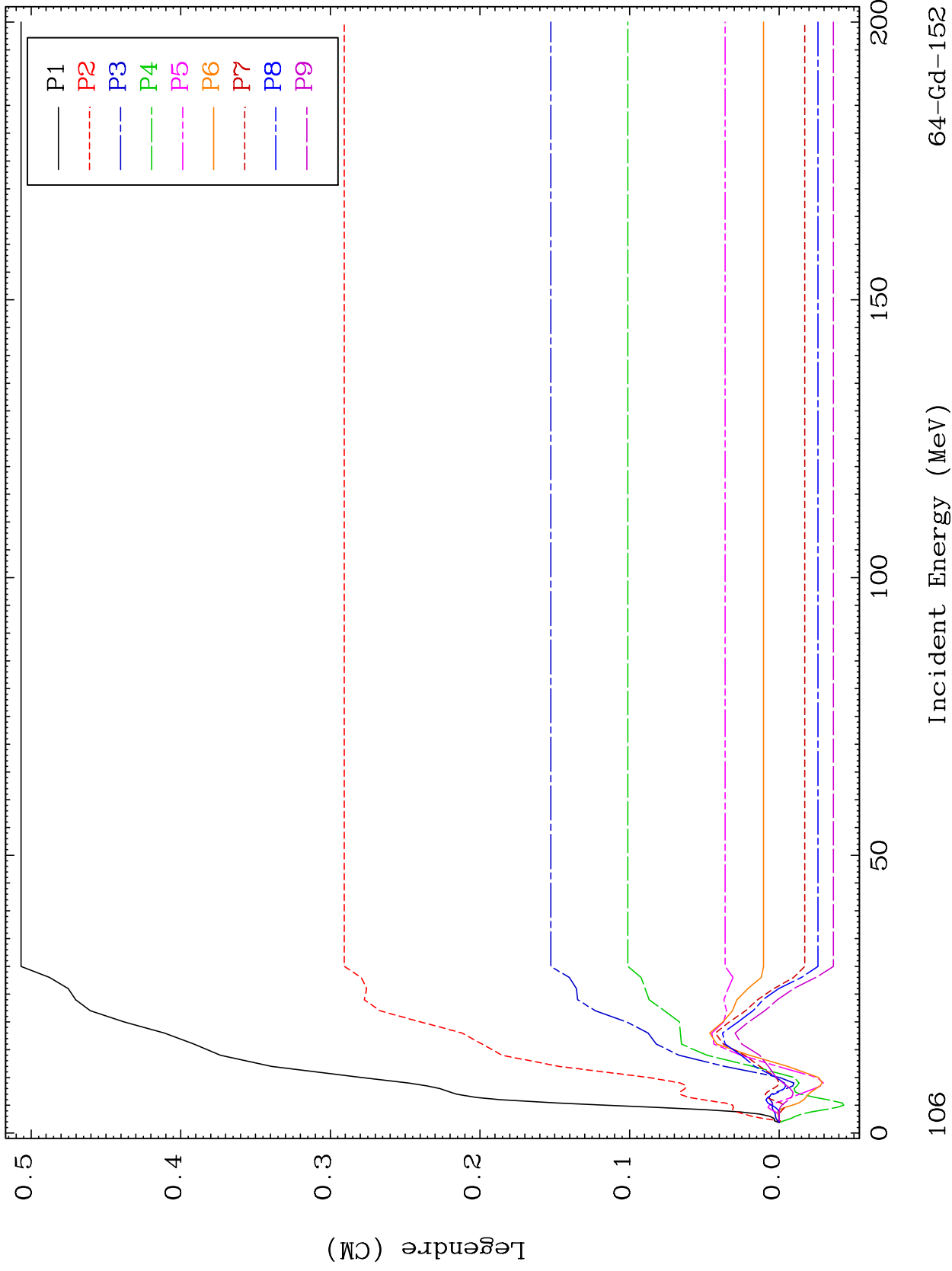
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

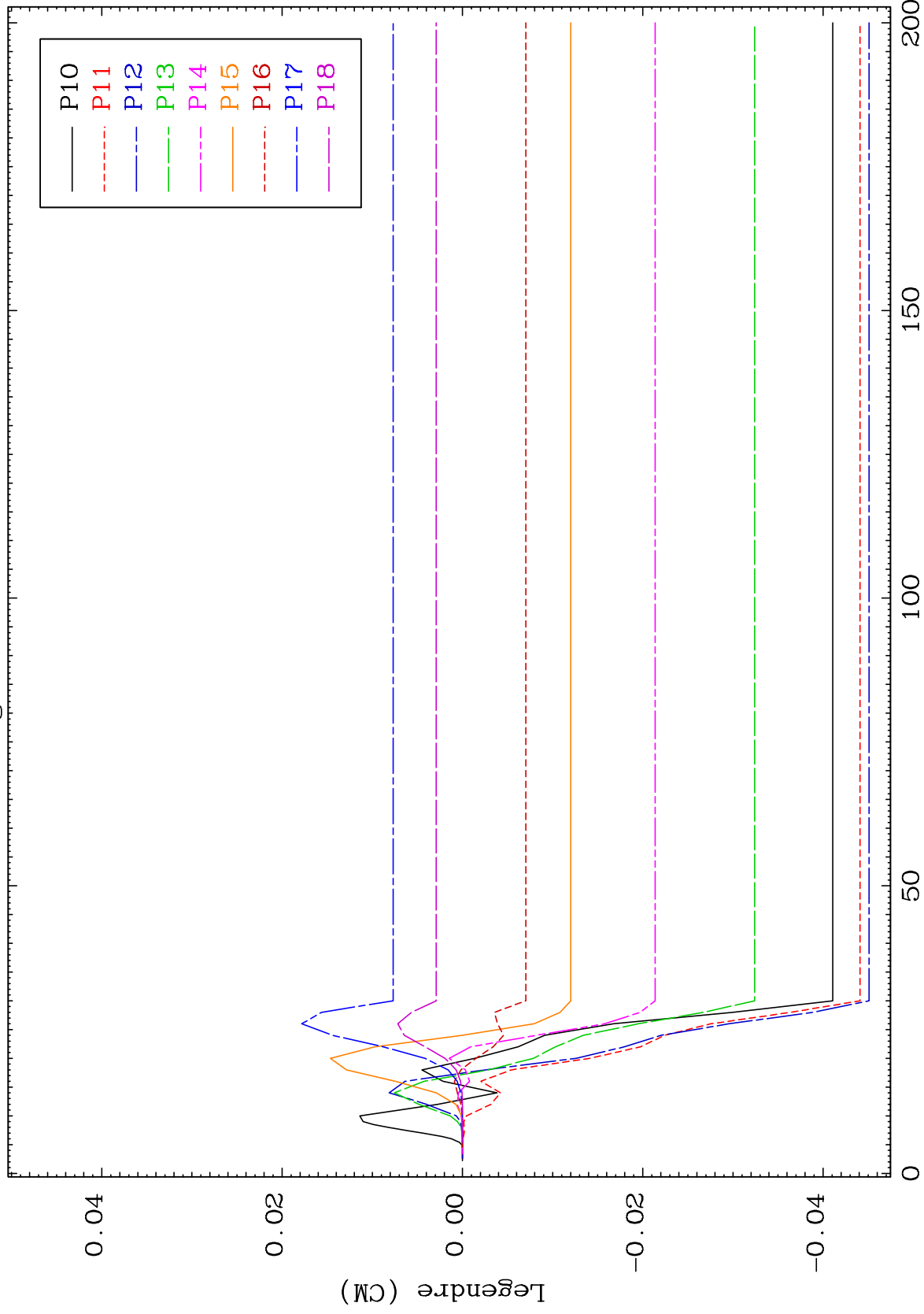
Incident Energy (MeV)

106

MAT 6425

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

64-Gd-152



107

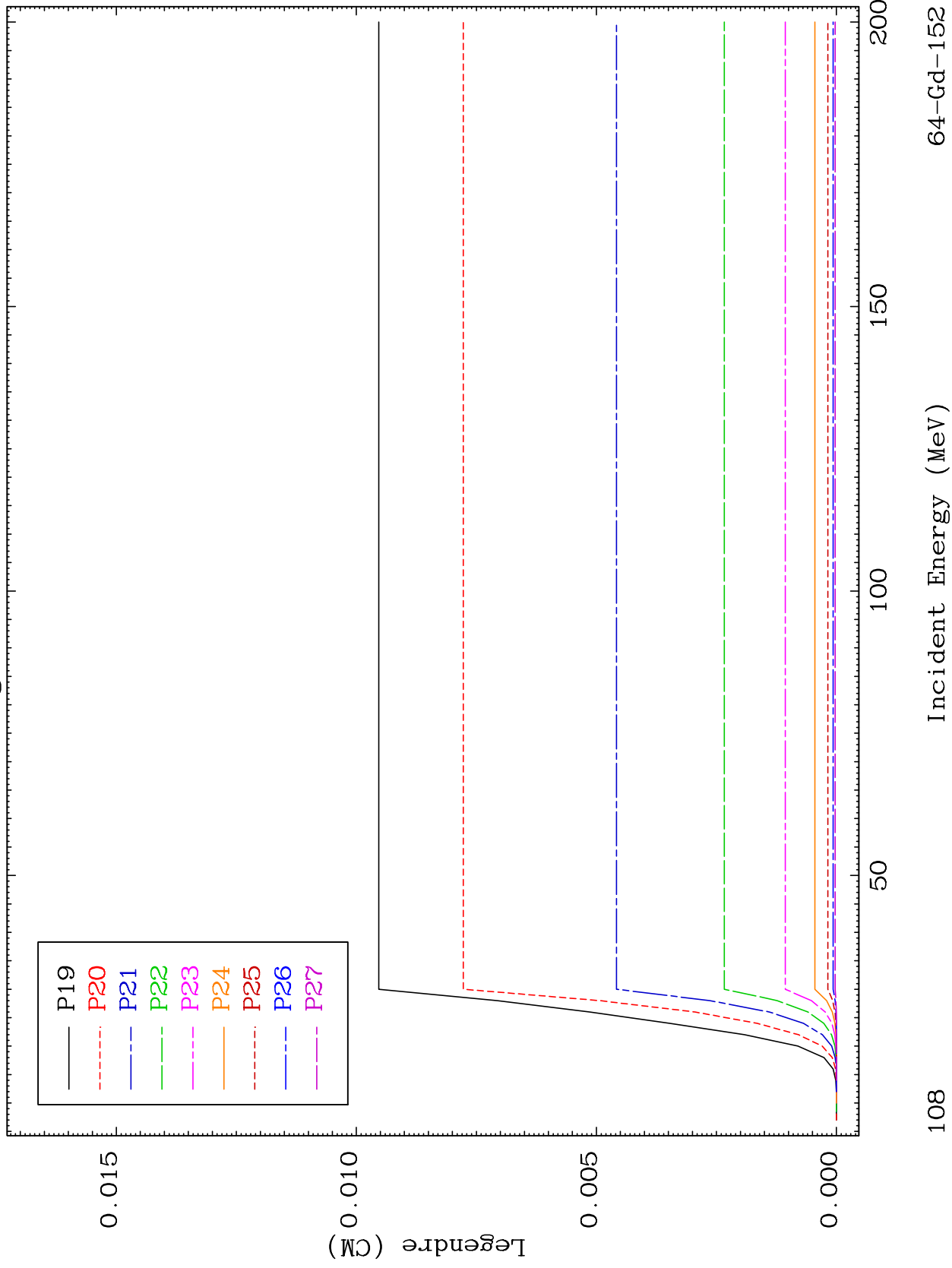
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



108

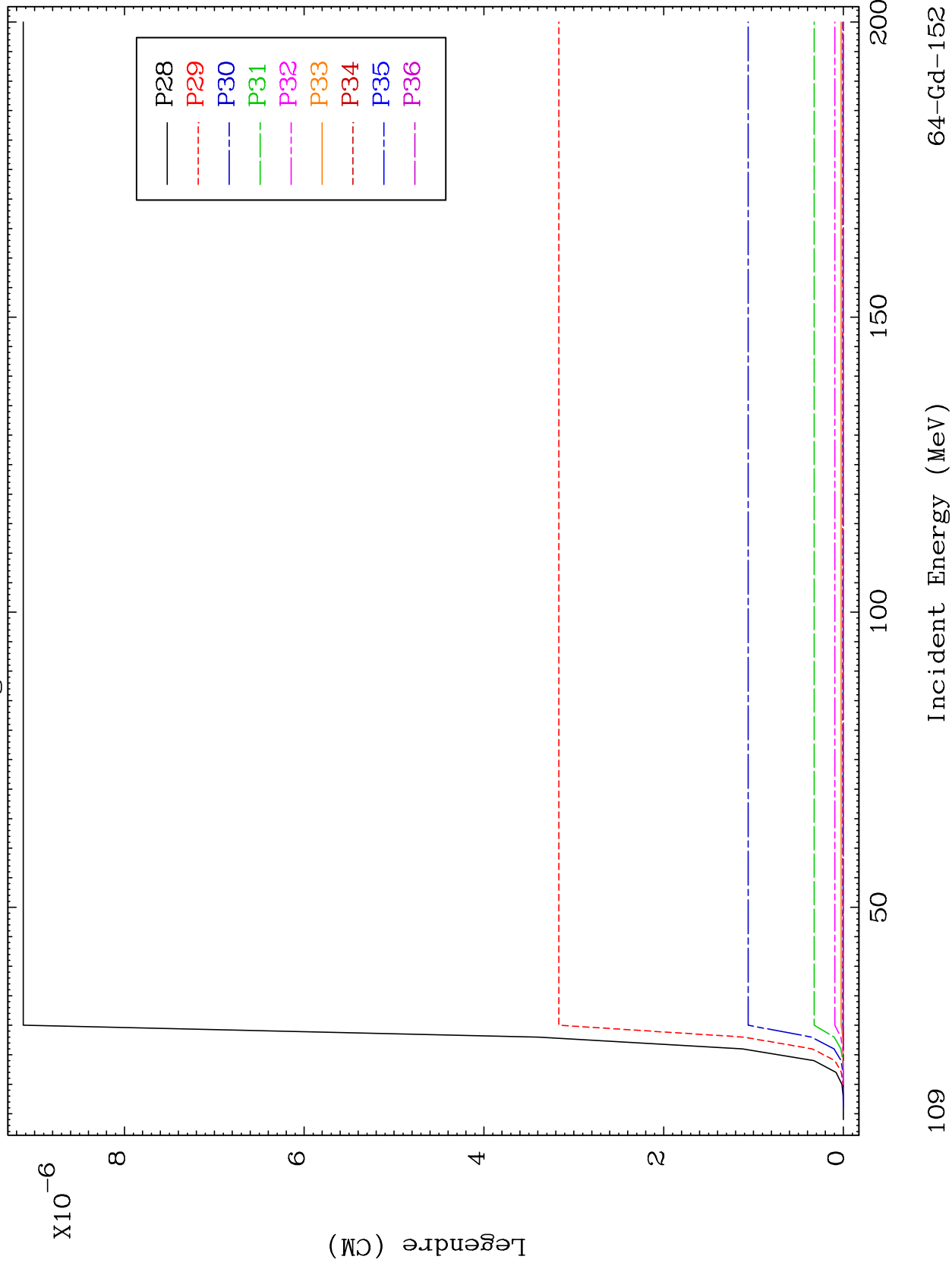
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



109

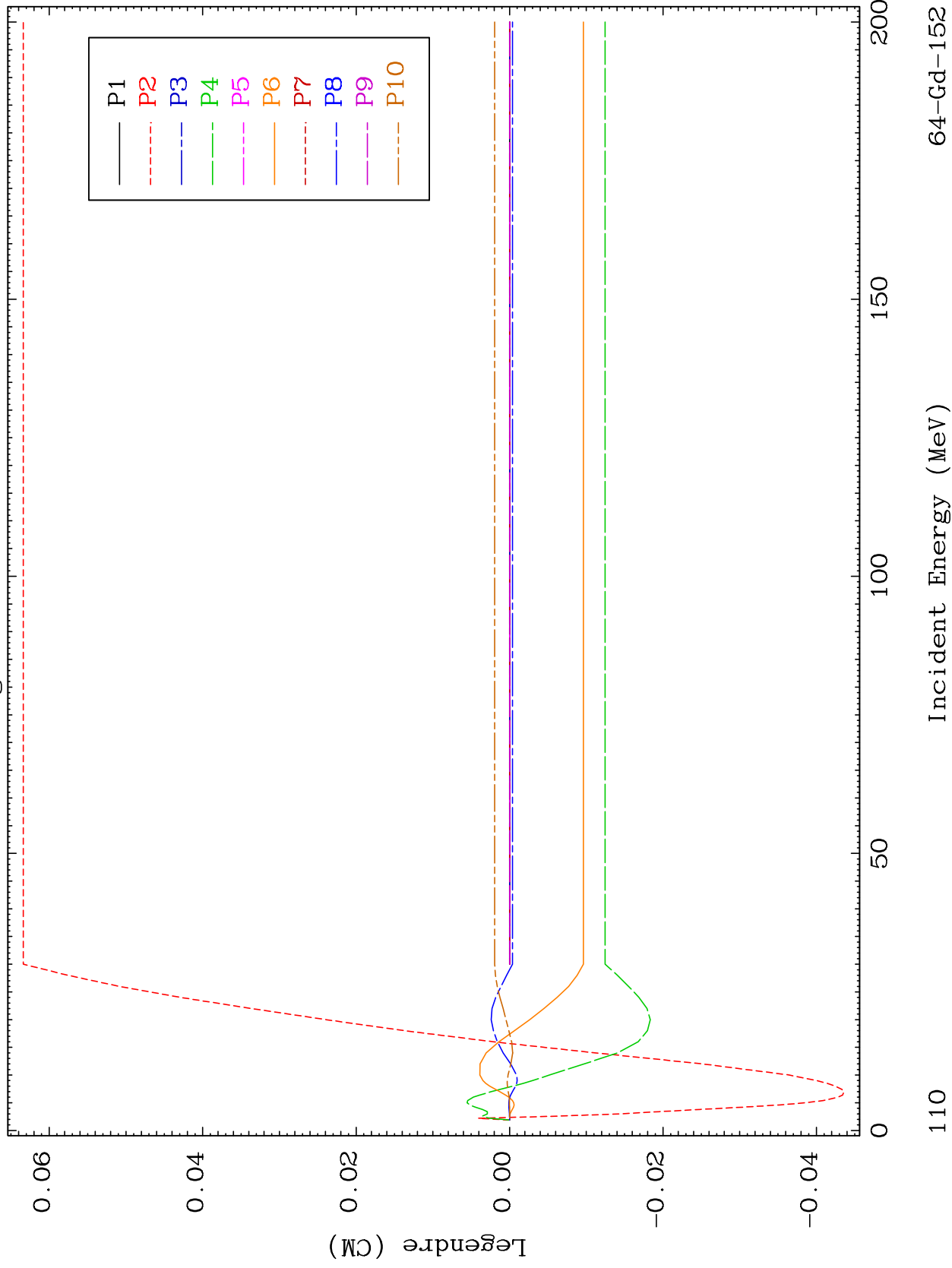
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



64-Gd-152

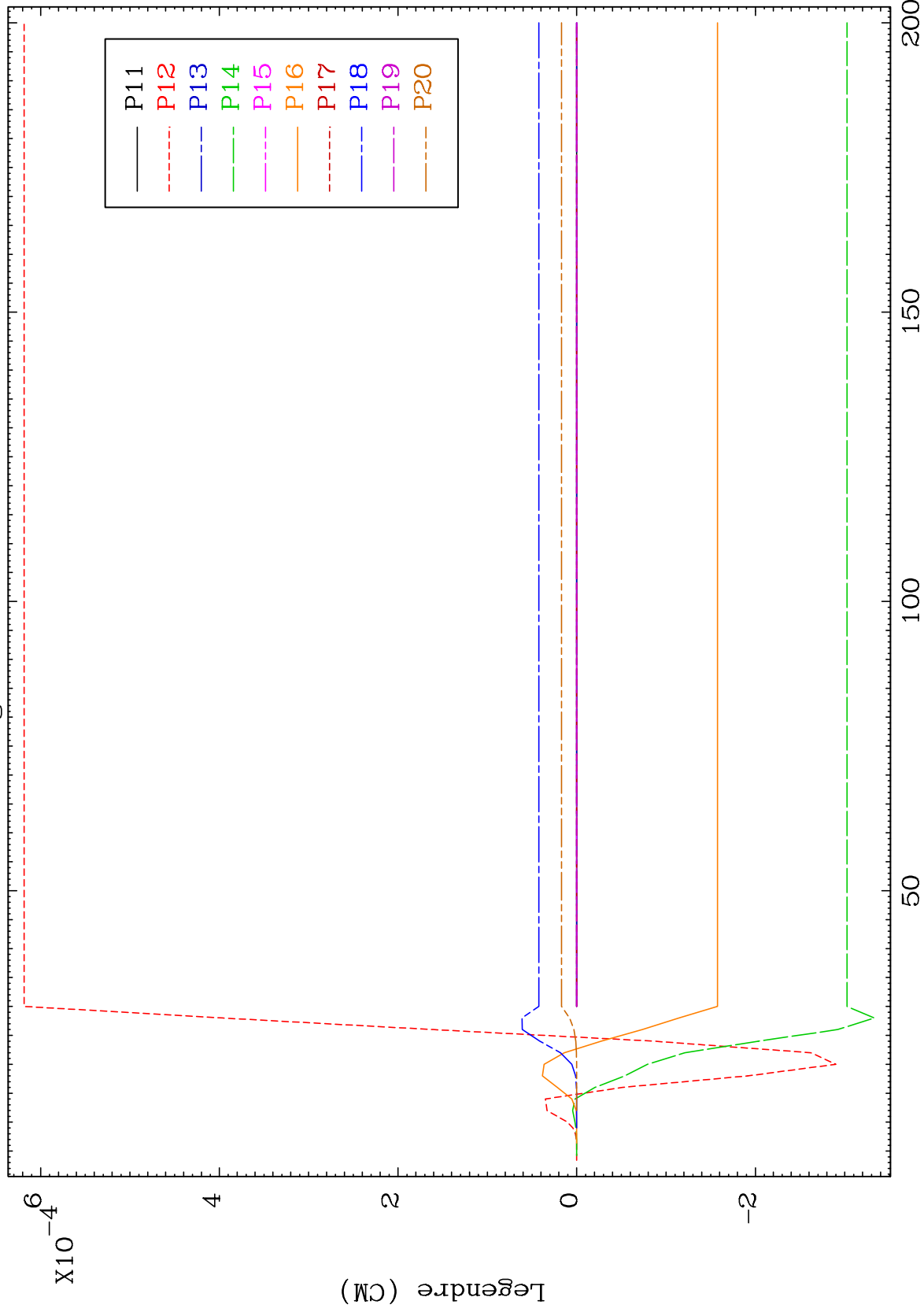
Incident Energy (MeV)

0

MAT 6425

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

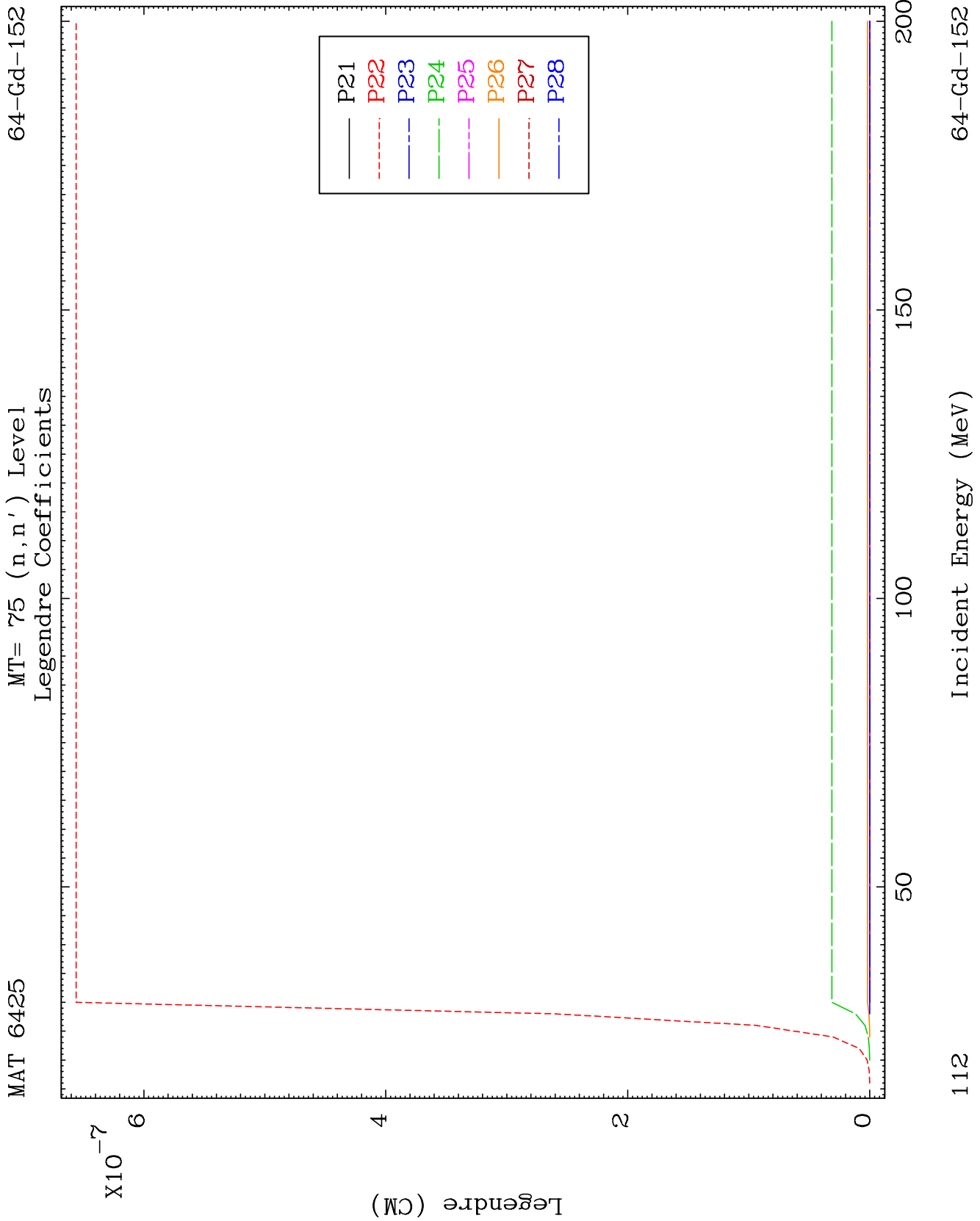
64-Gd-152



111

Incident Energy (MeV)

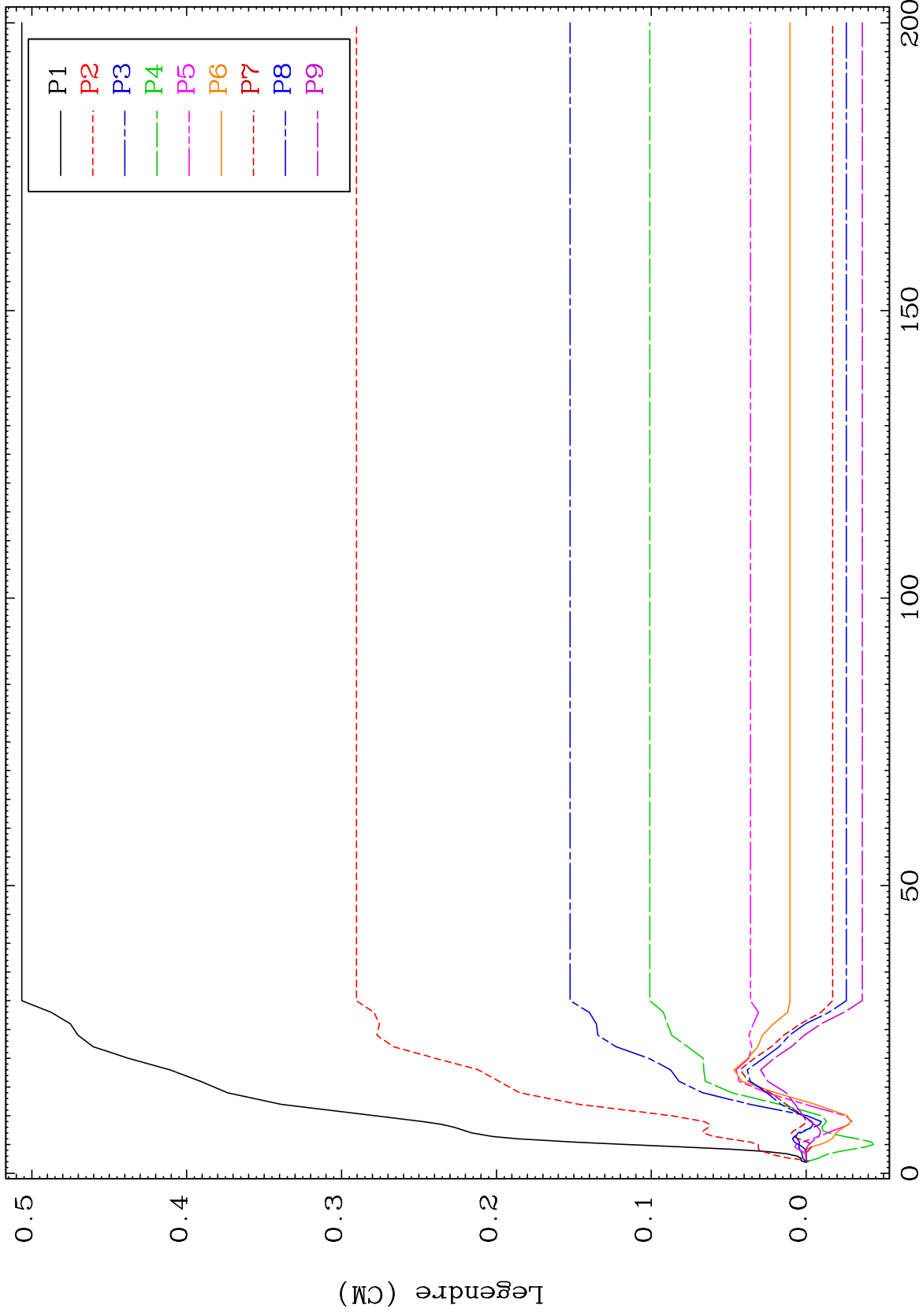
64-Gd-152



MAT 6425

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

64-Gd-152



113

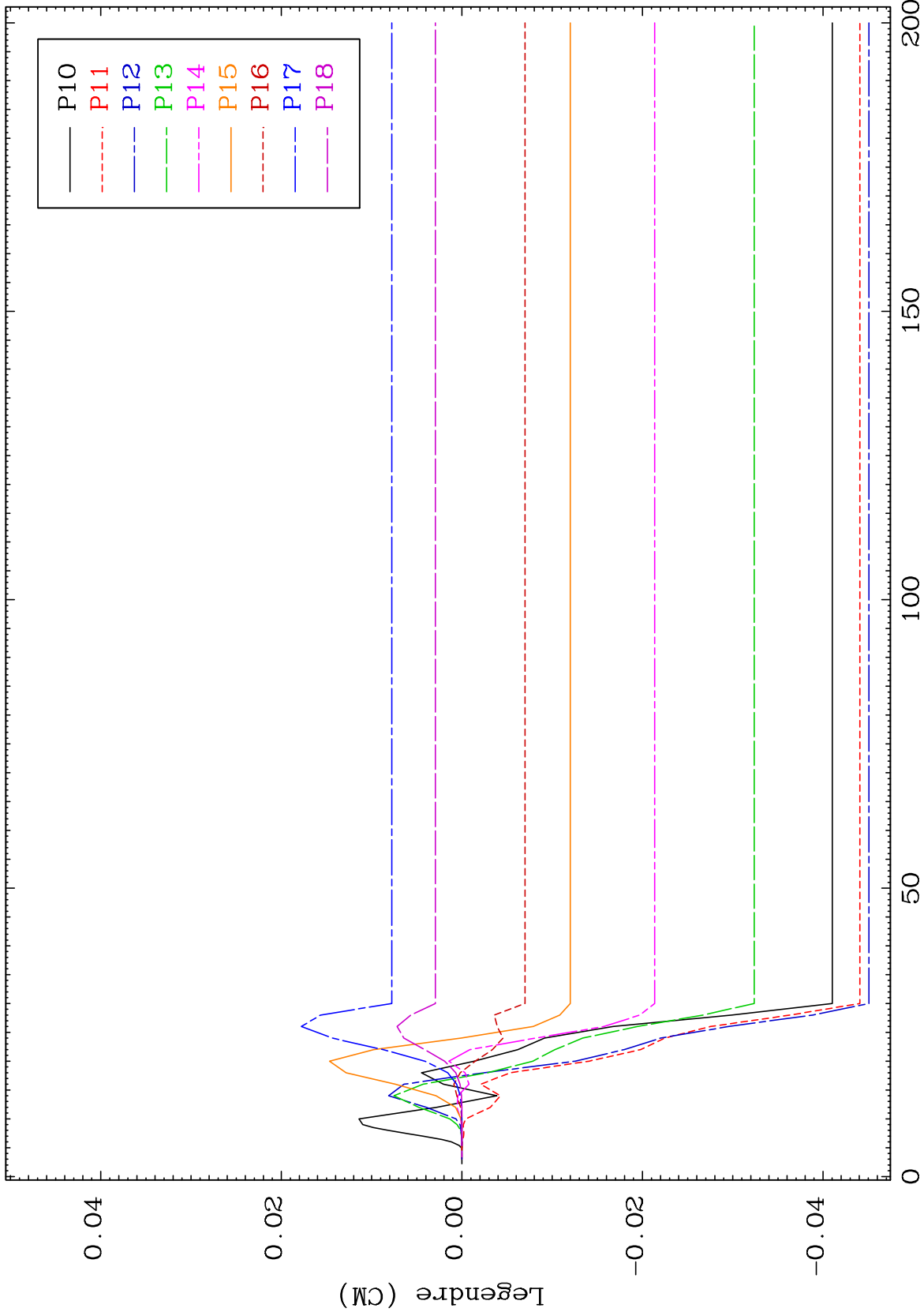
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



114

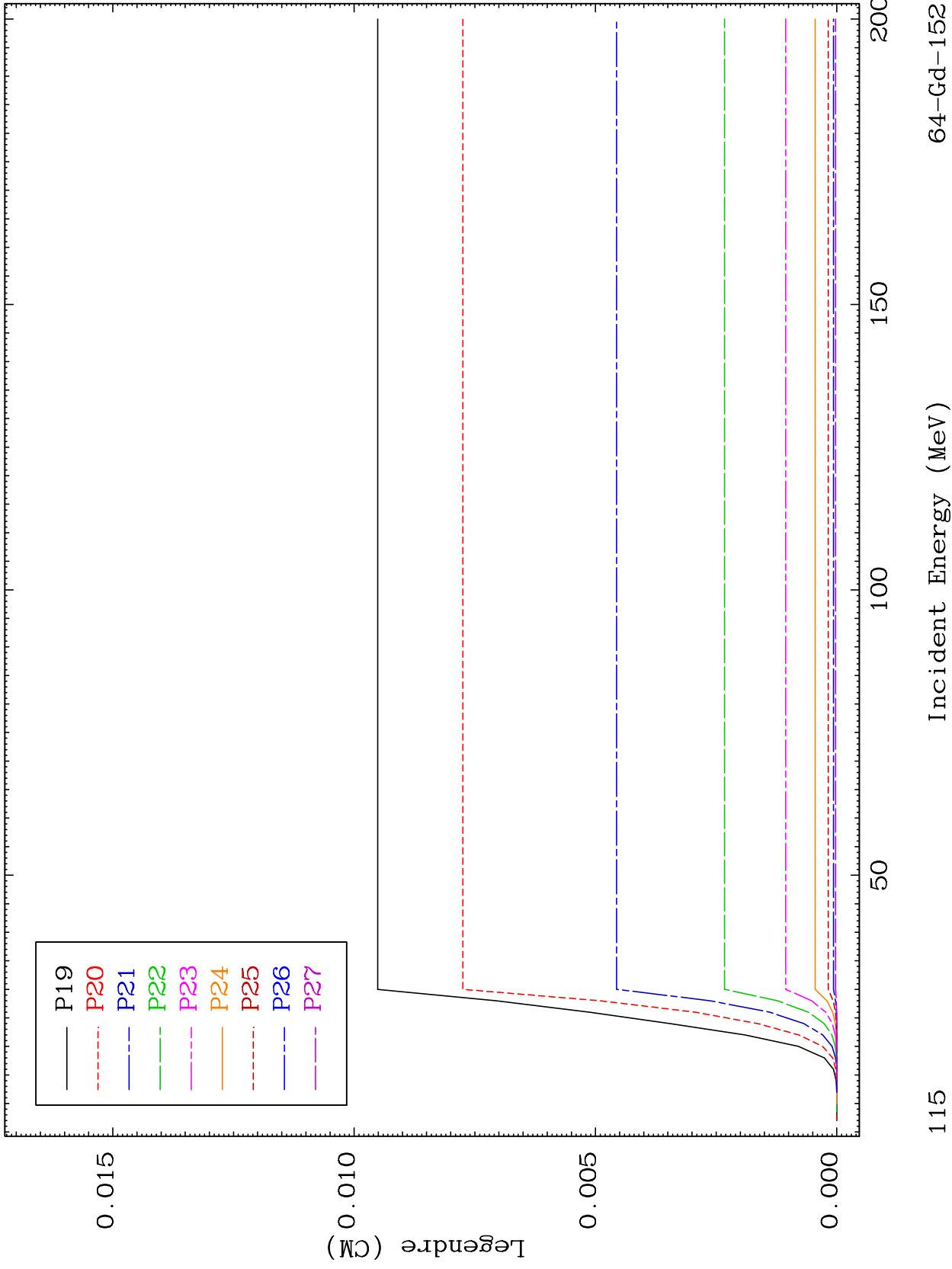
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



115

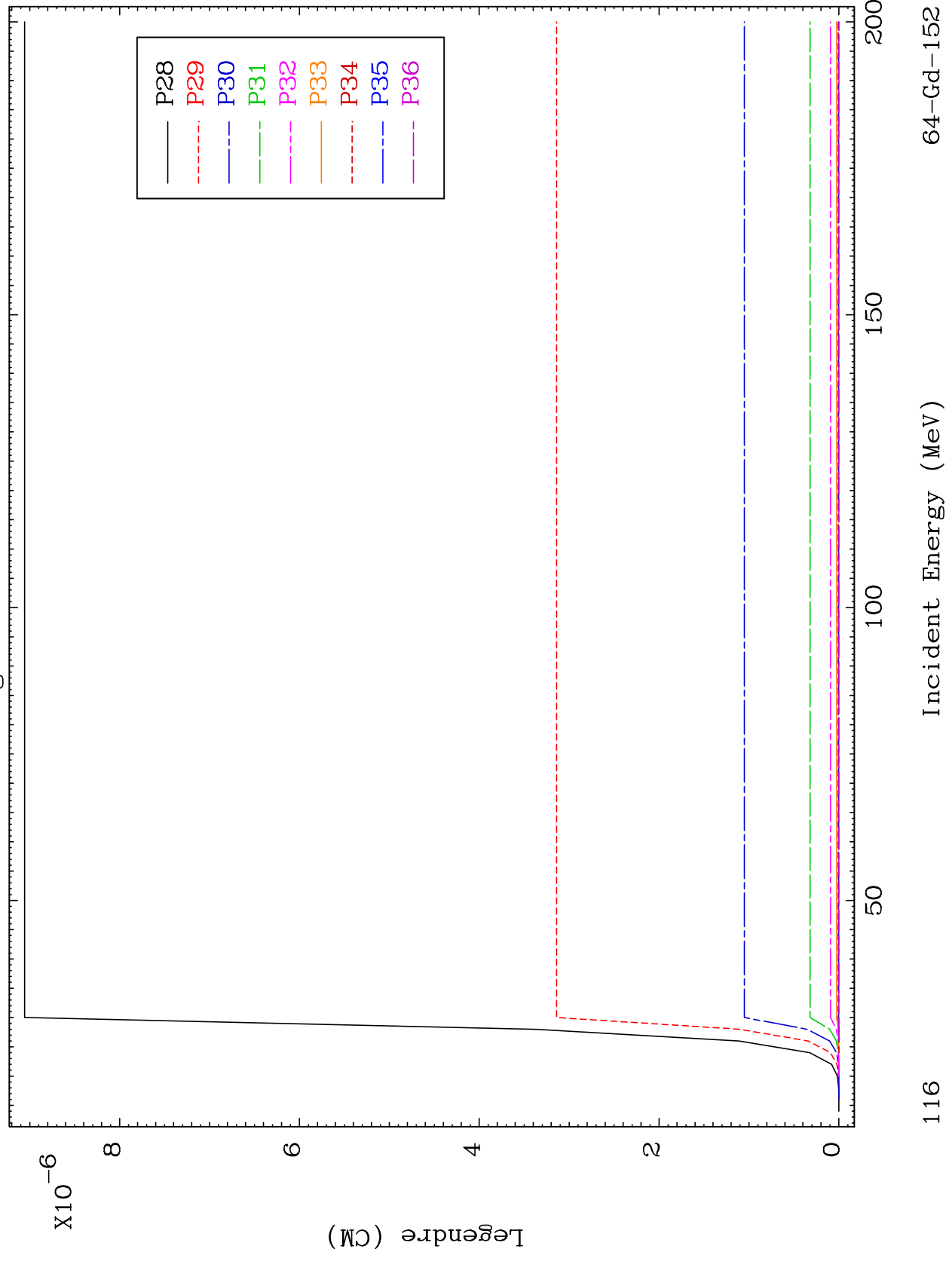
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



116

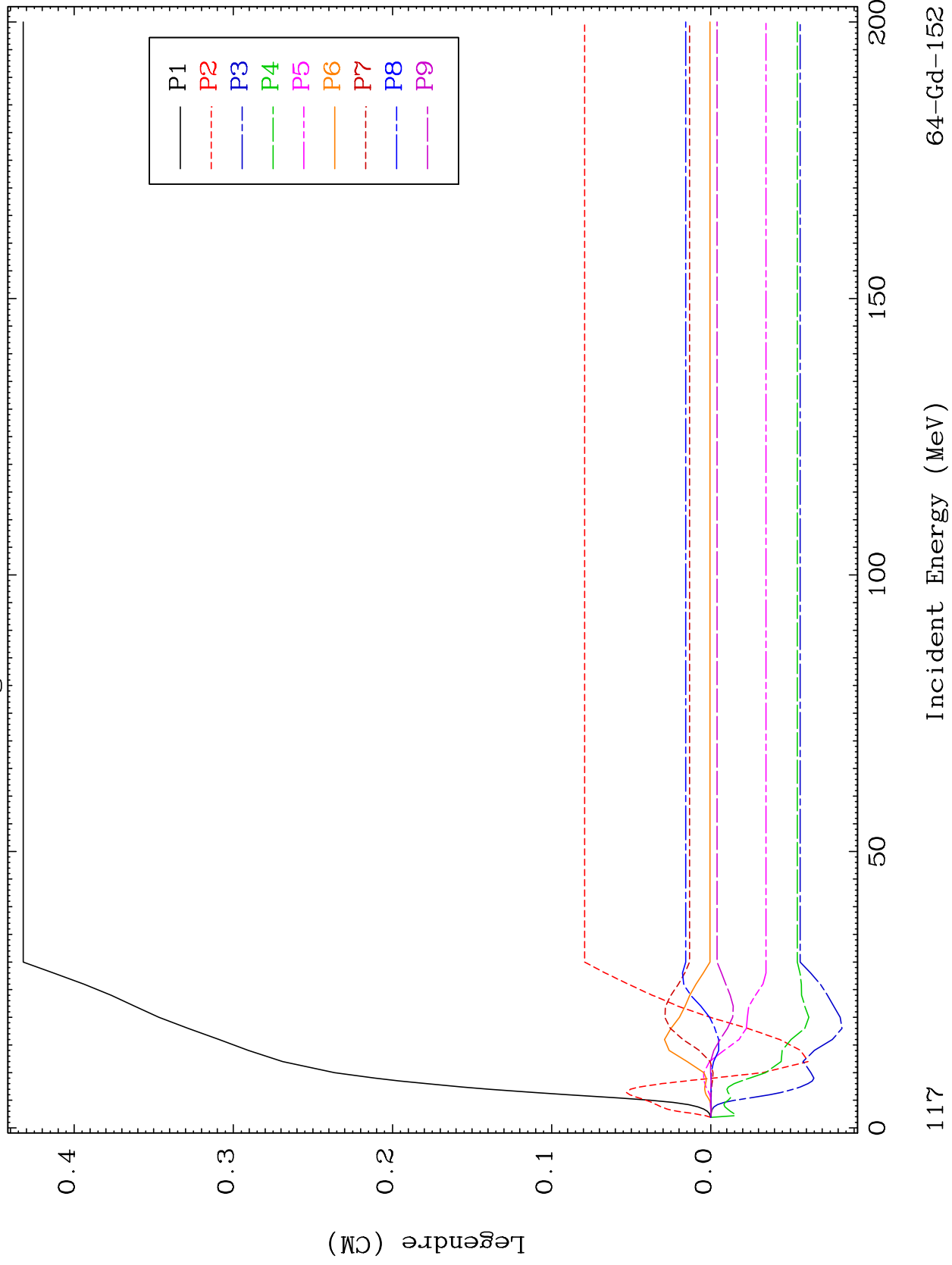
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



117

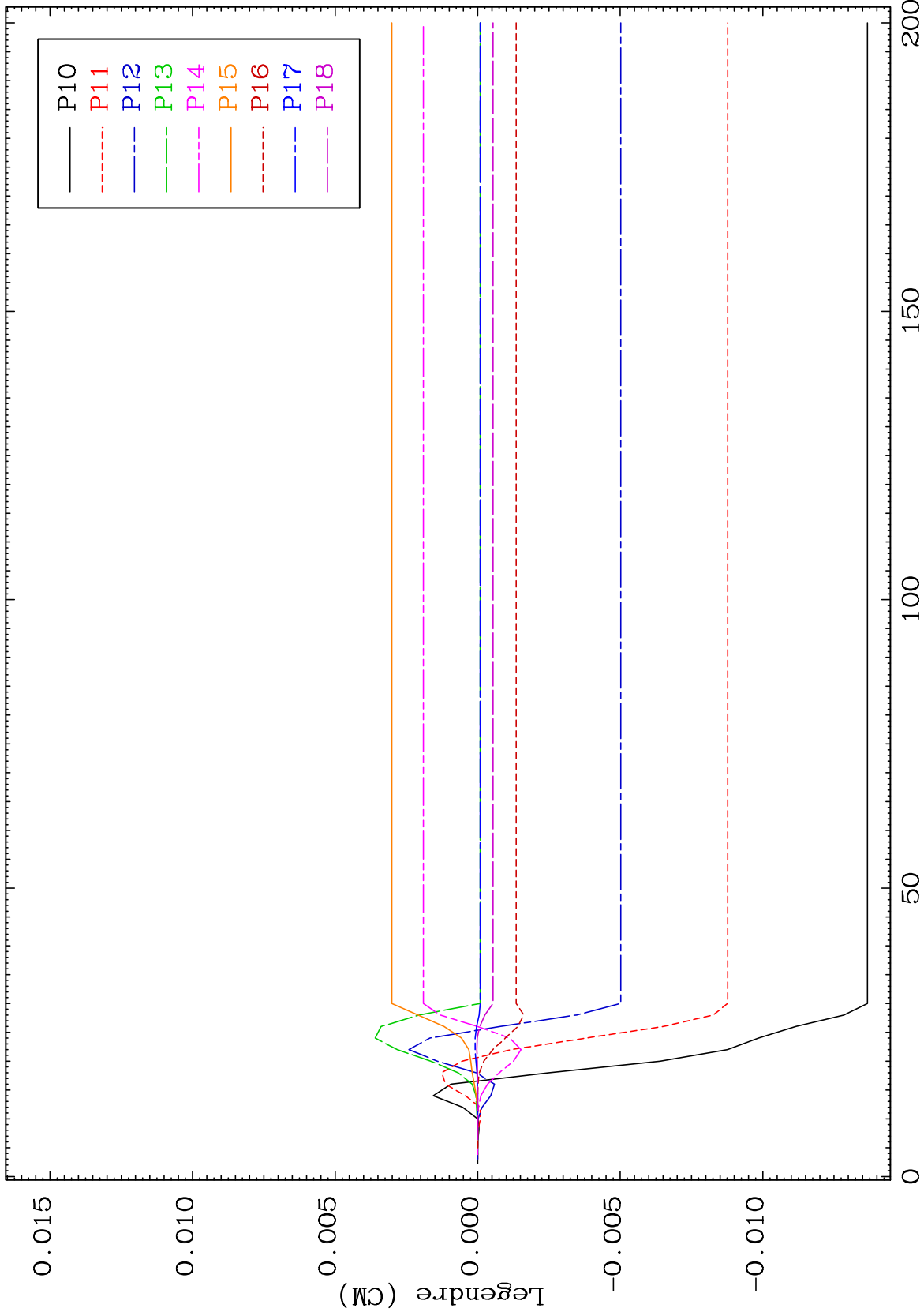
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

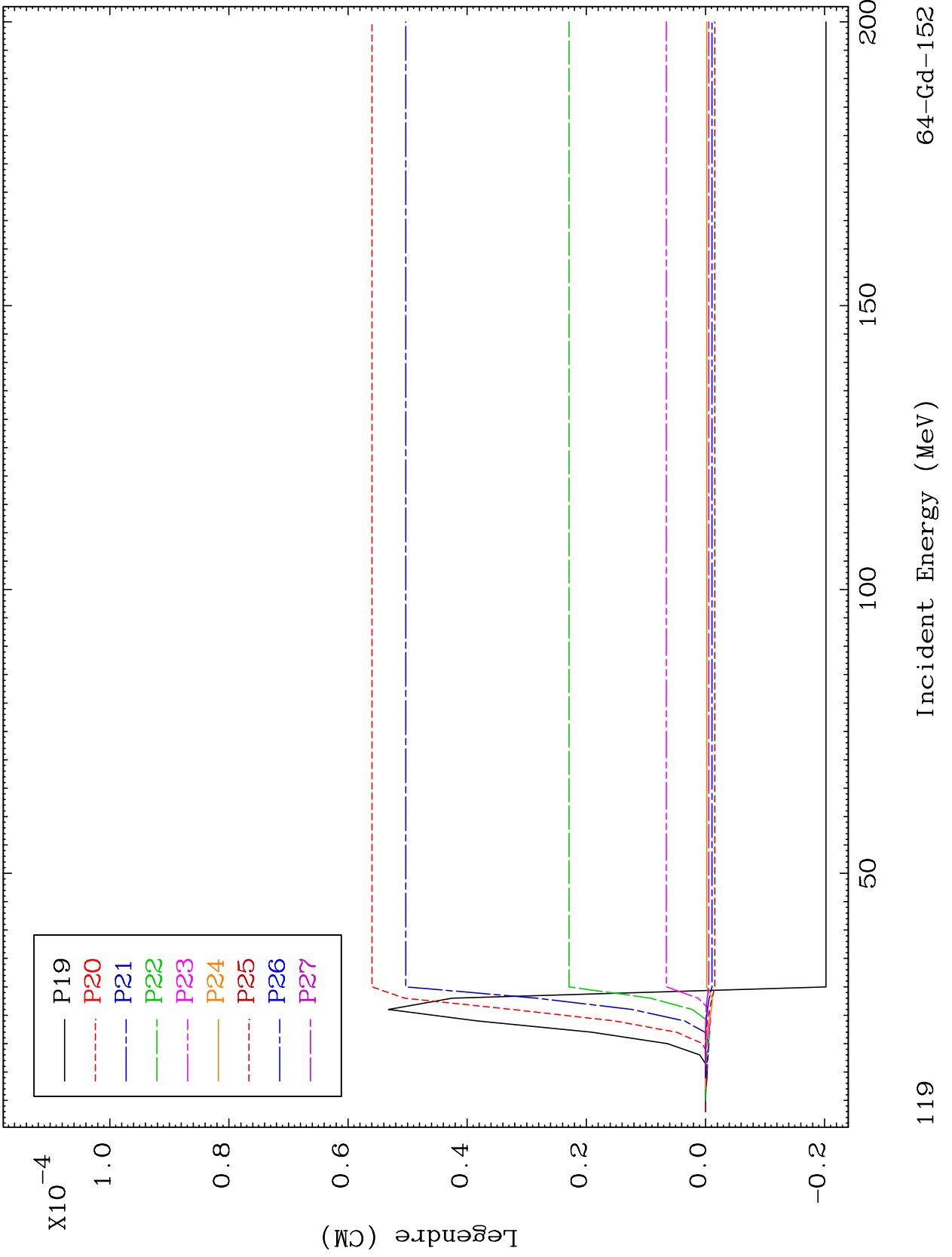
64-Gd-152

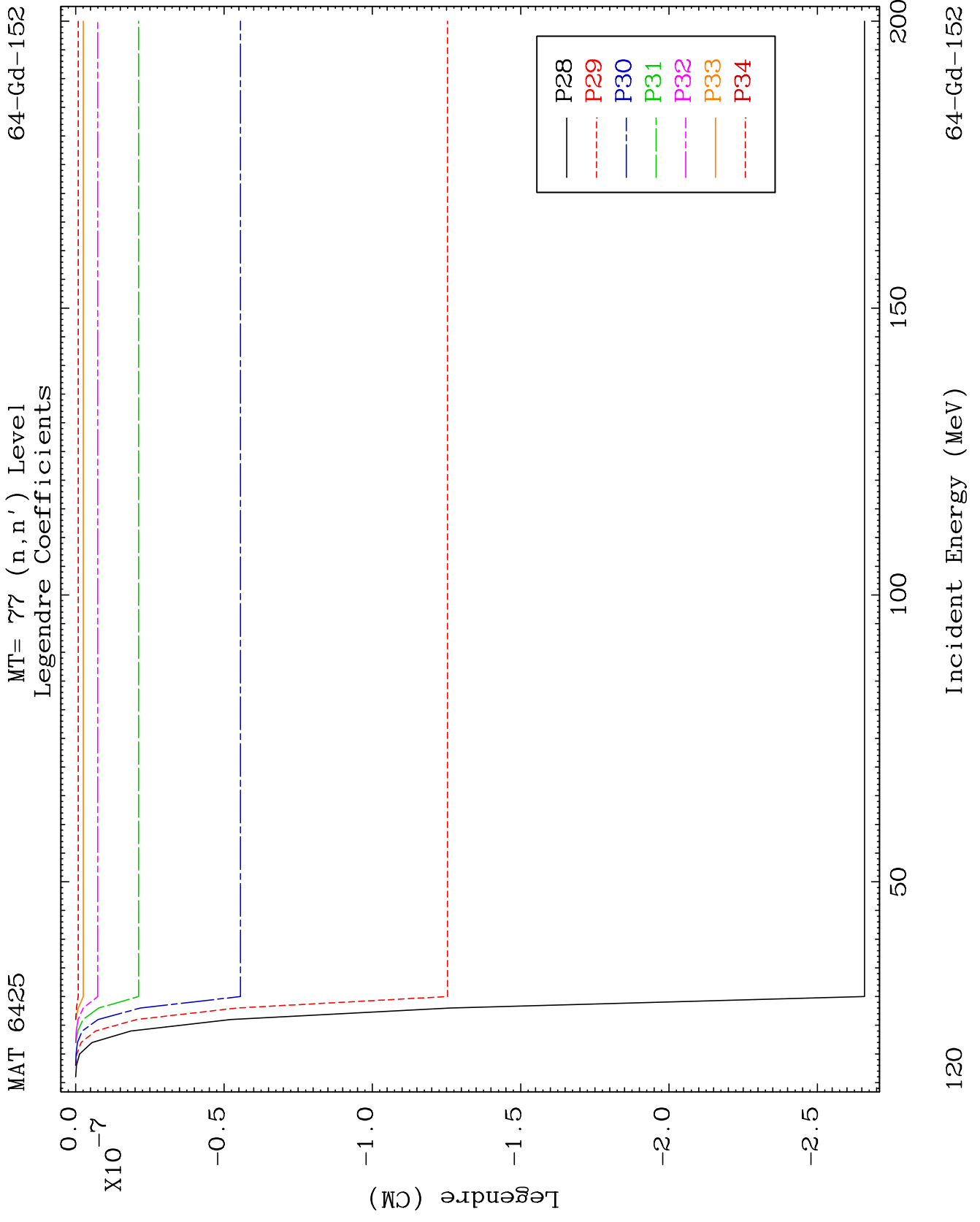


118

Incident Energy (MeV)

64-Gd-152

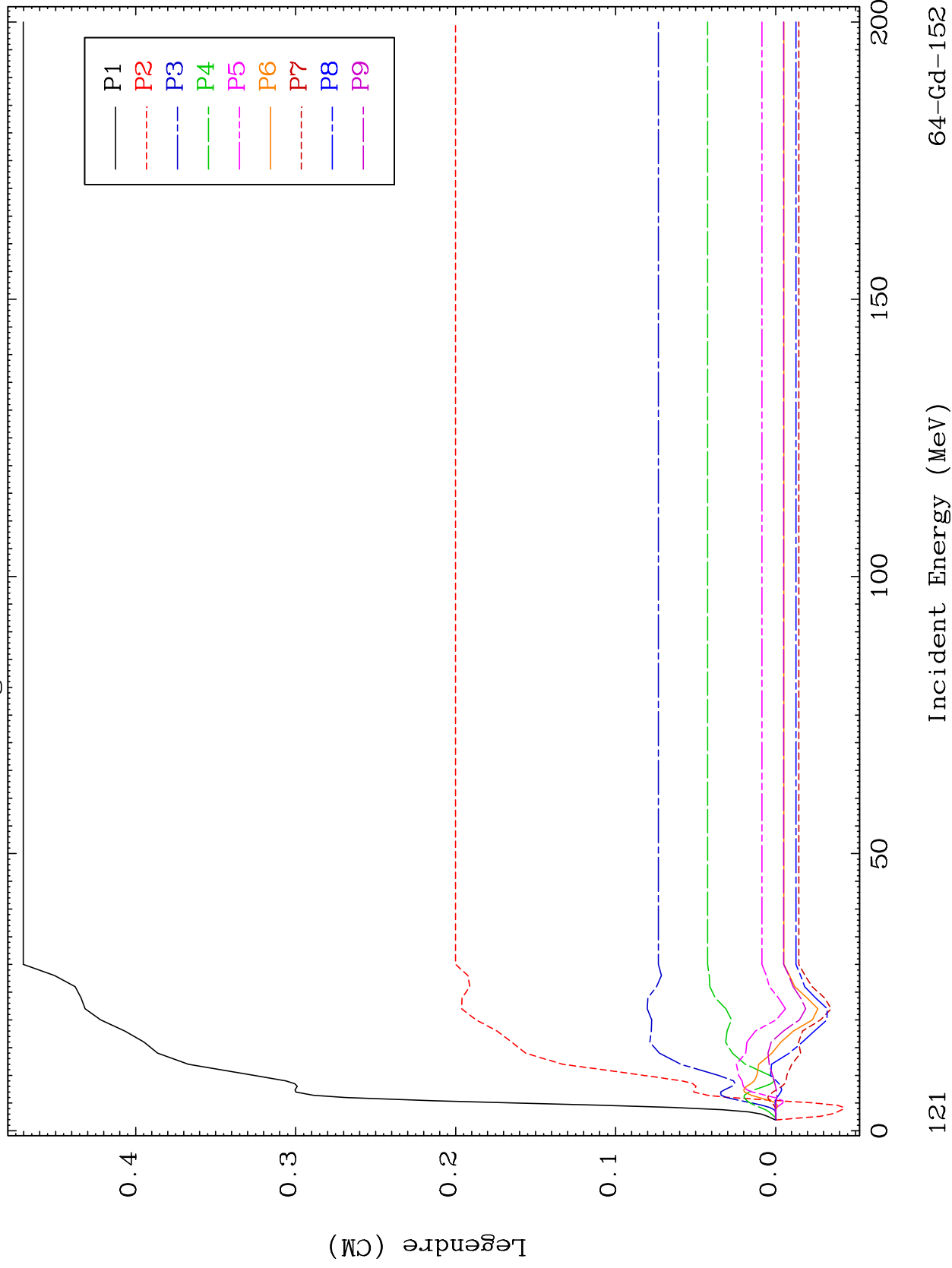




MAT 6425

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

64-Gd-152



64-Gd-152

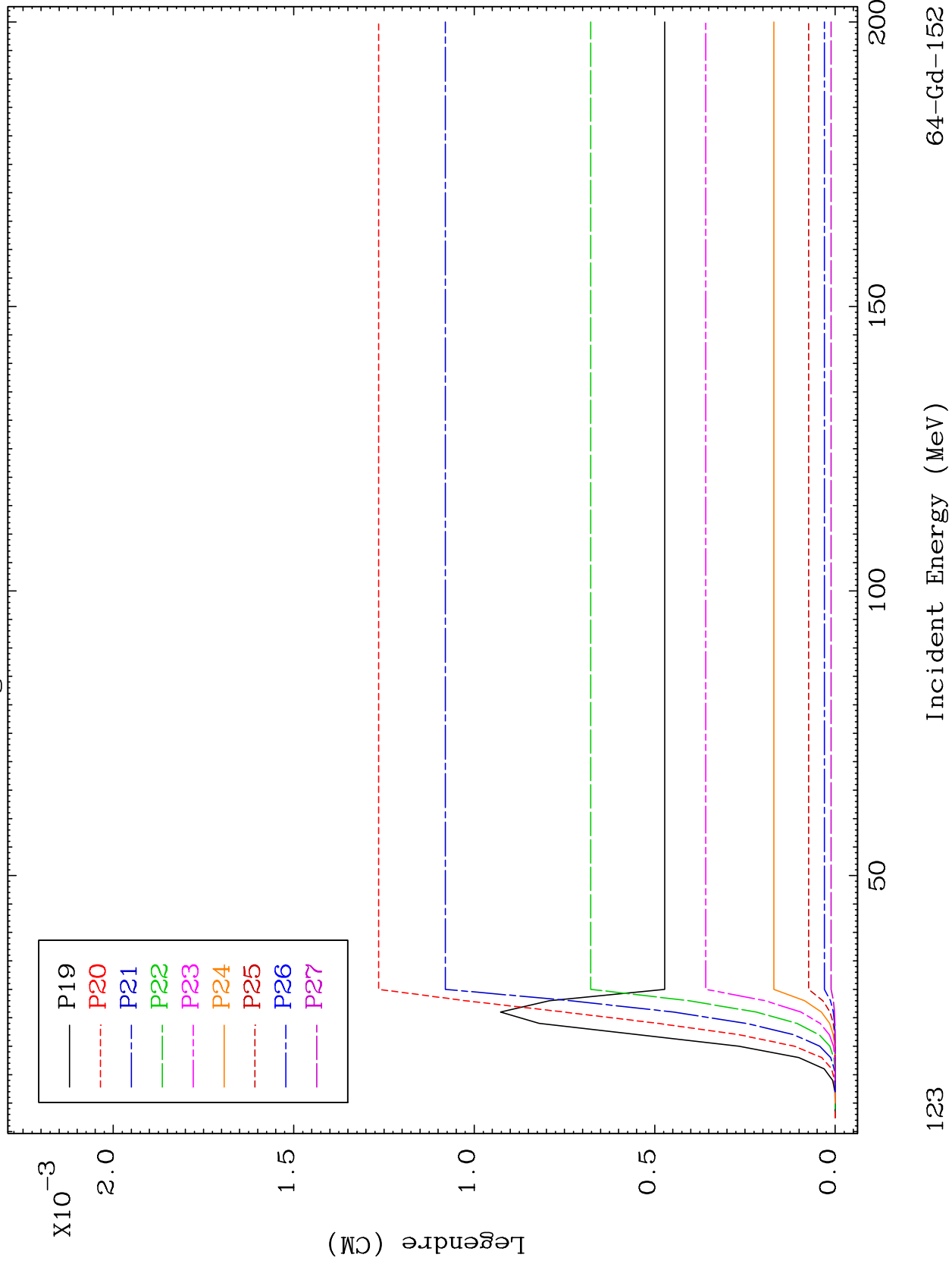
Incident Energy (MeV)

121

MAT 6425

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

64-Gd-152



123

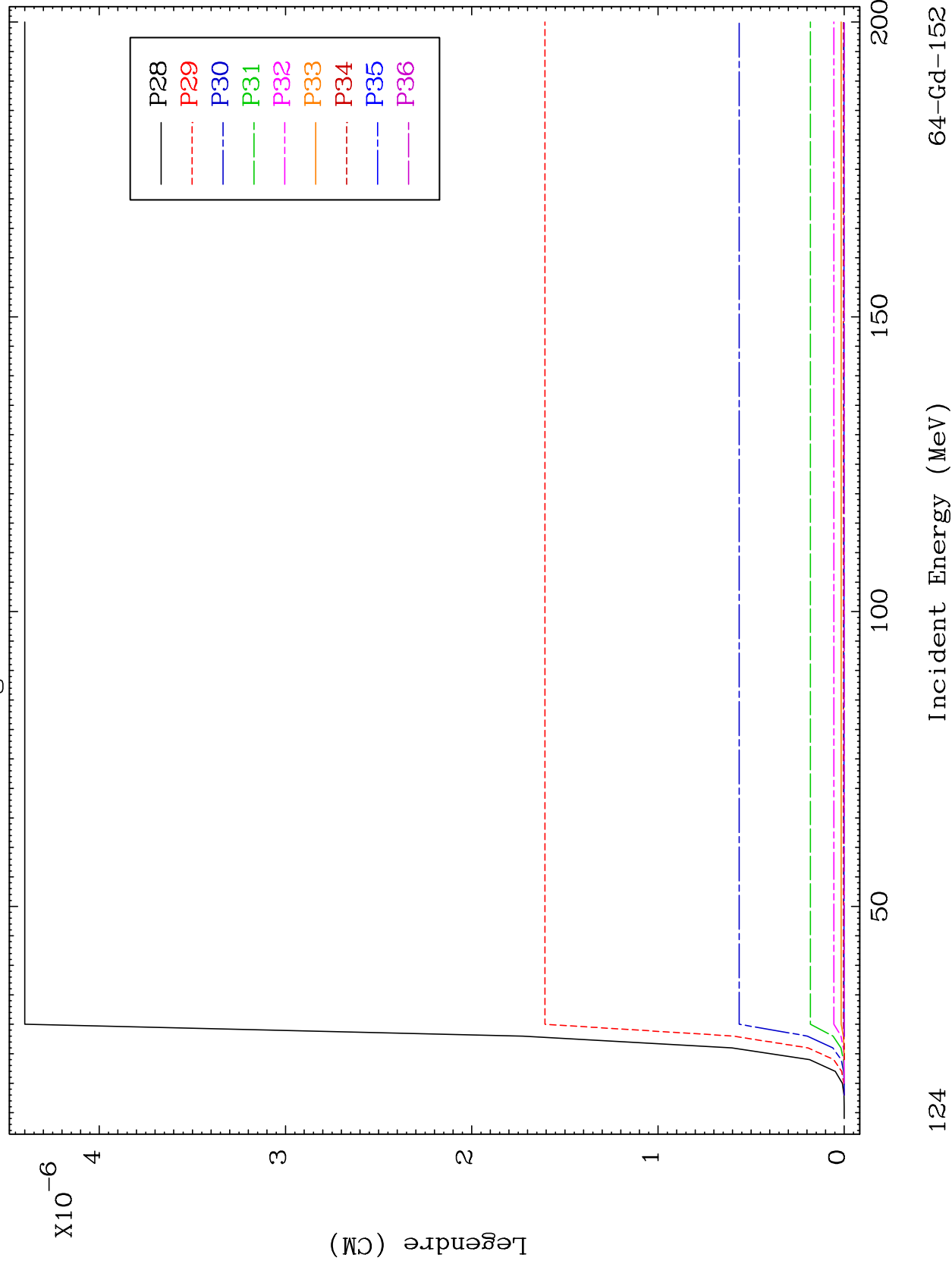
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



124

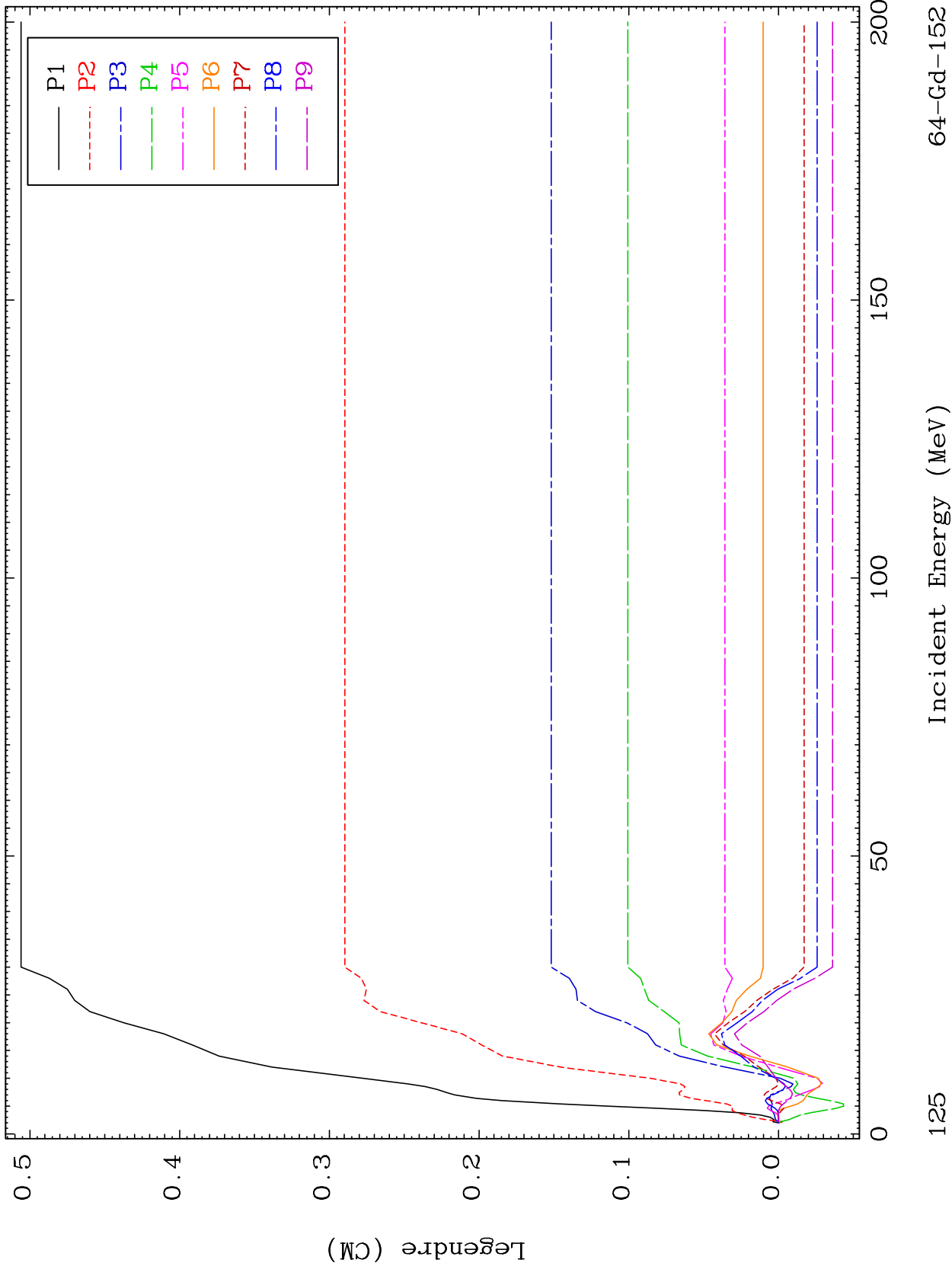
64-Gd-152

MAT 6425

MT= 79 (n,n') Level

64-Gd-152

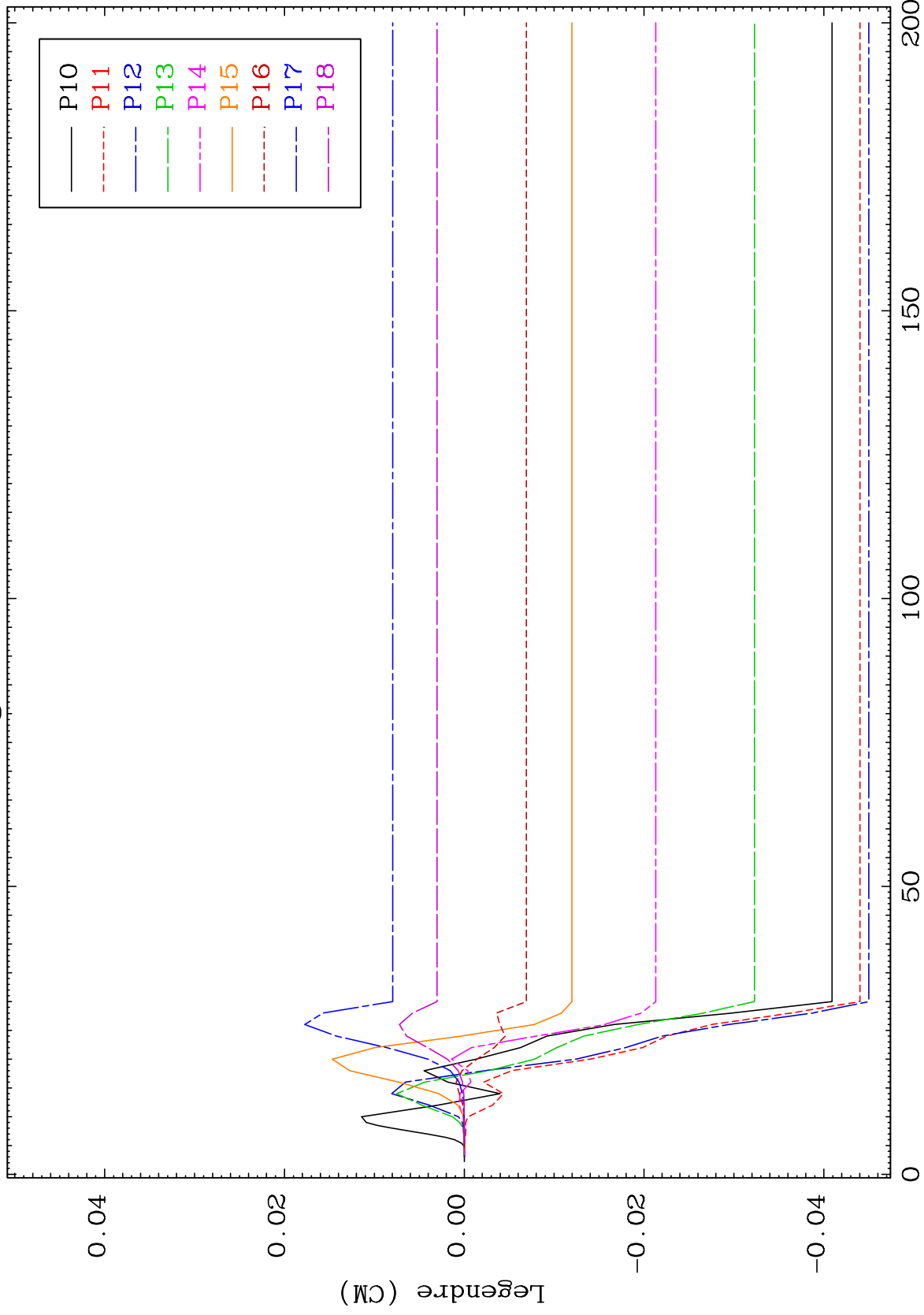
Legendre Coefficients



MAT 6425

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

64-Gd-152



126

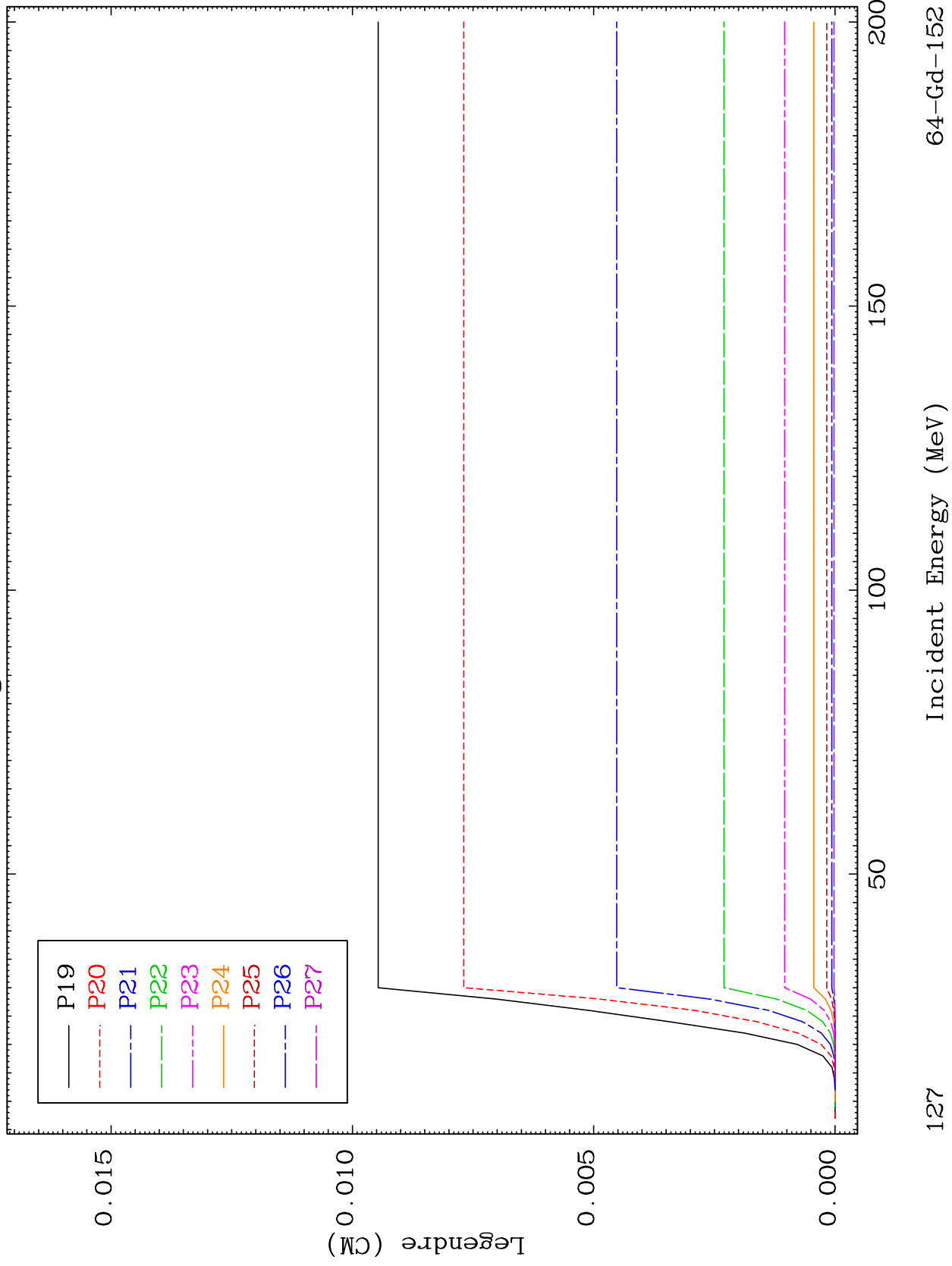
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

64-Gd-152



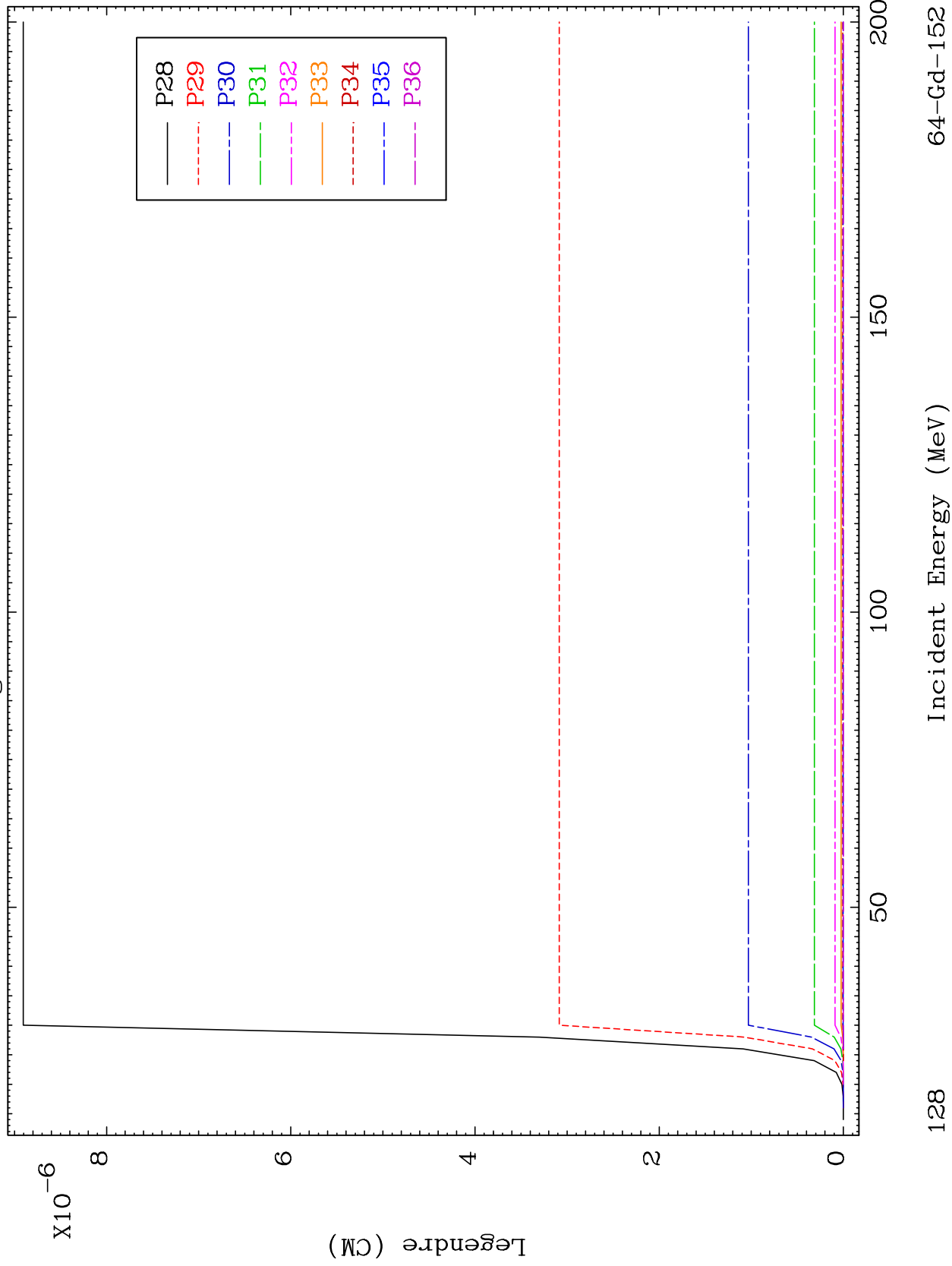
127

64-Gd-152

MAT 6425

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

64-Gd-152



128

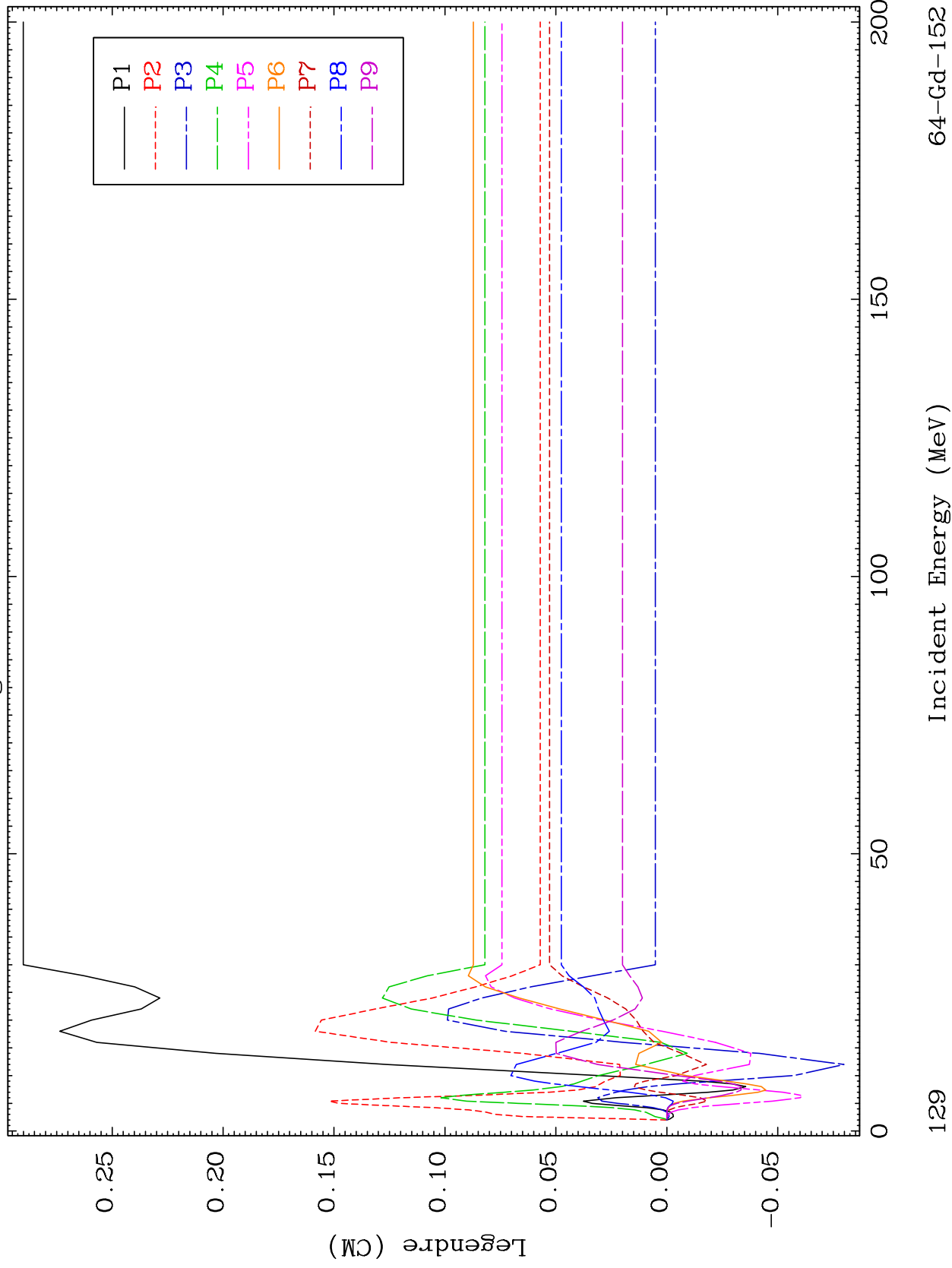
Incident Energy (MeV)

64-Gd-152

MAT 6425

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

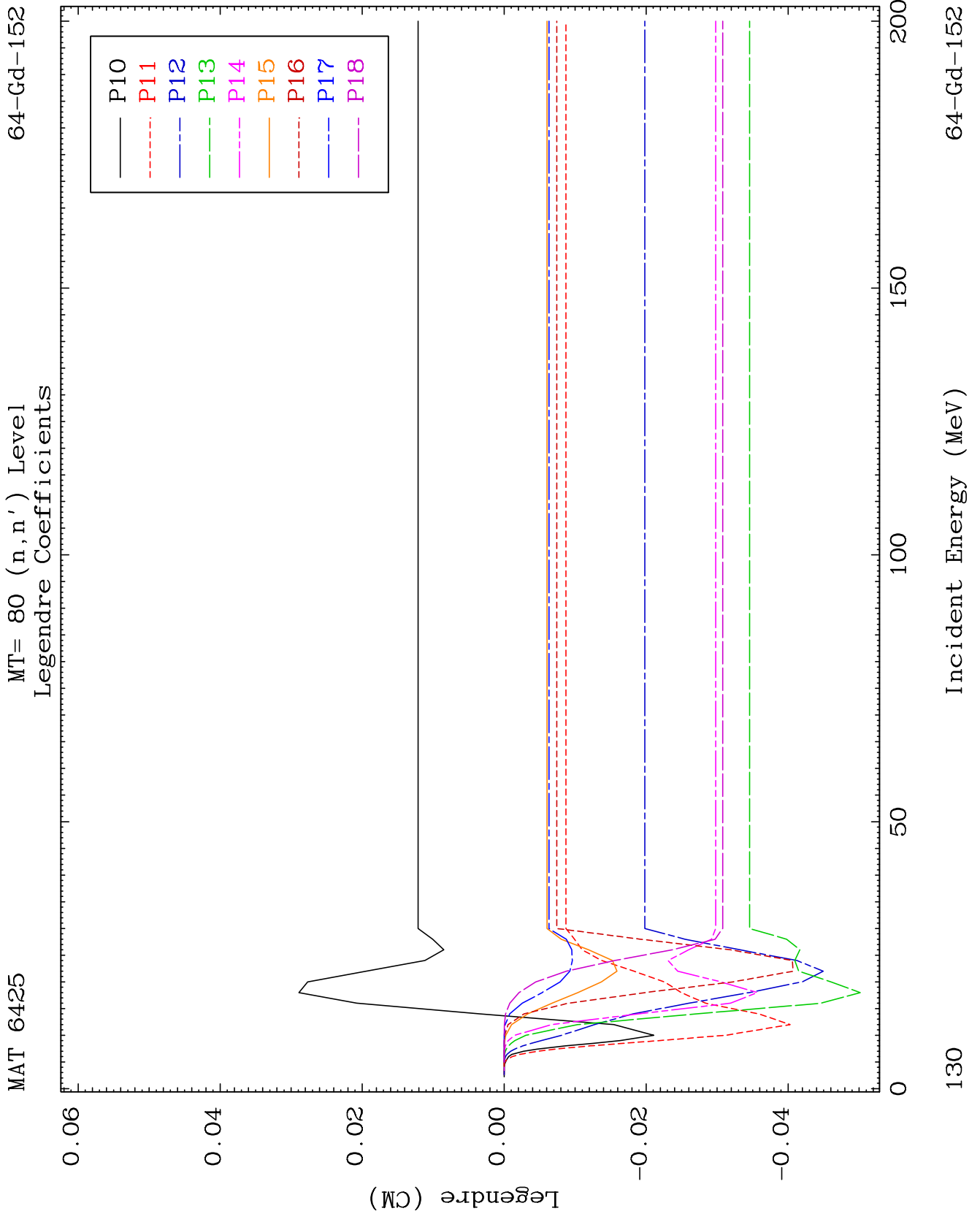
64-Gd-152



64-Gd-152

Incident Energy (MeV)

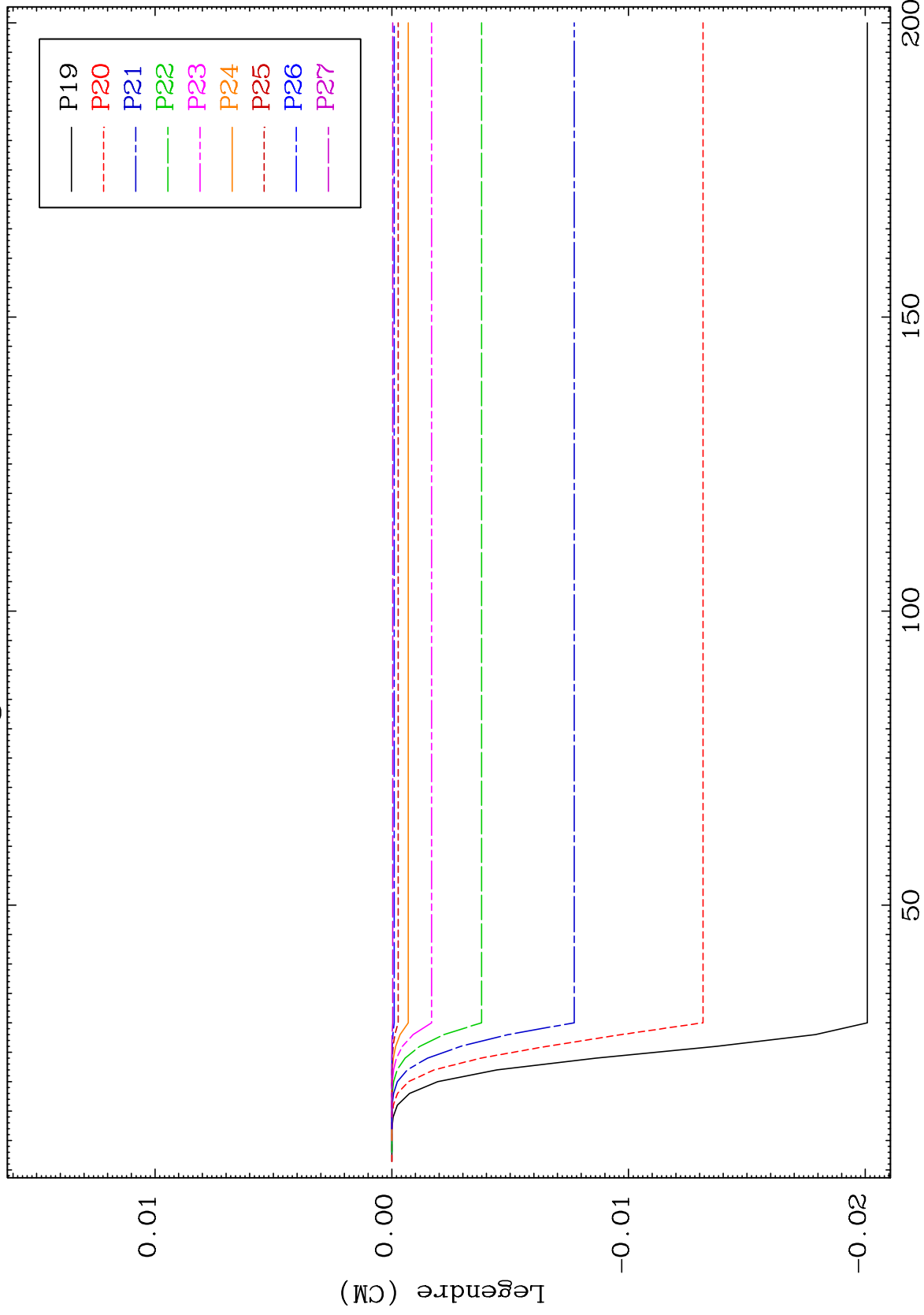
129



MAT 6425

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

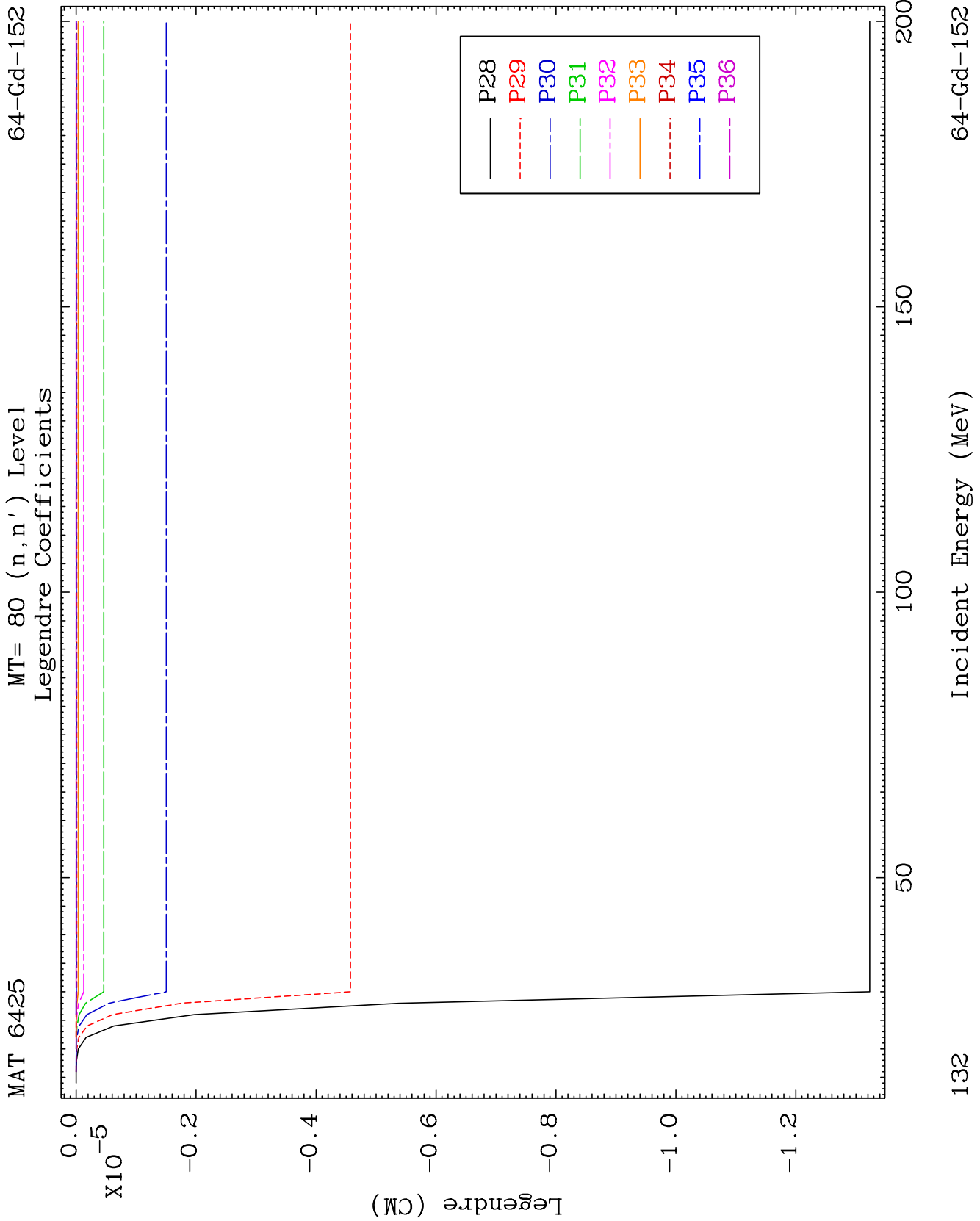
64-Gd-152



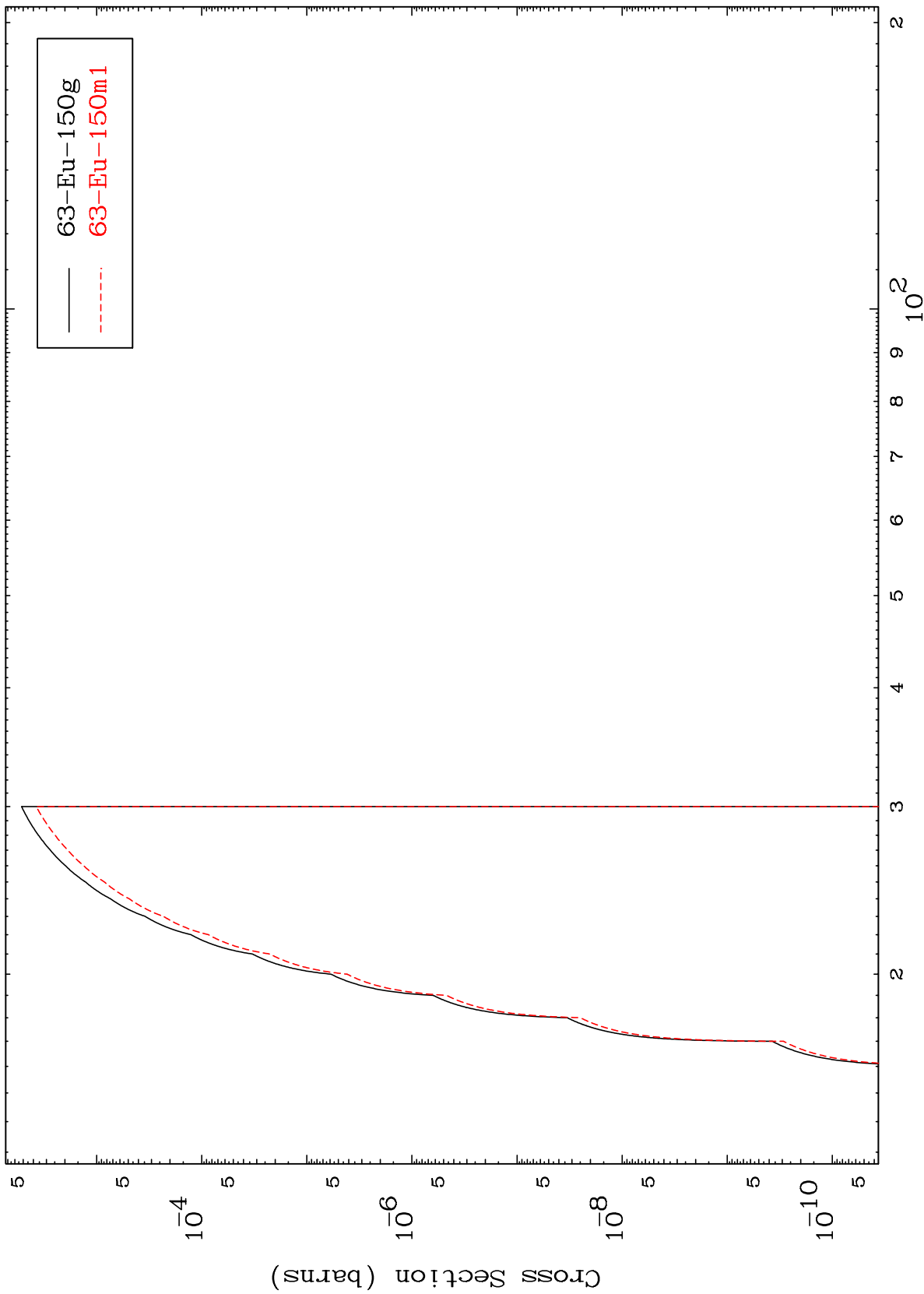
131

Incident Energy (MeV)

64-Gd-152



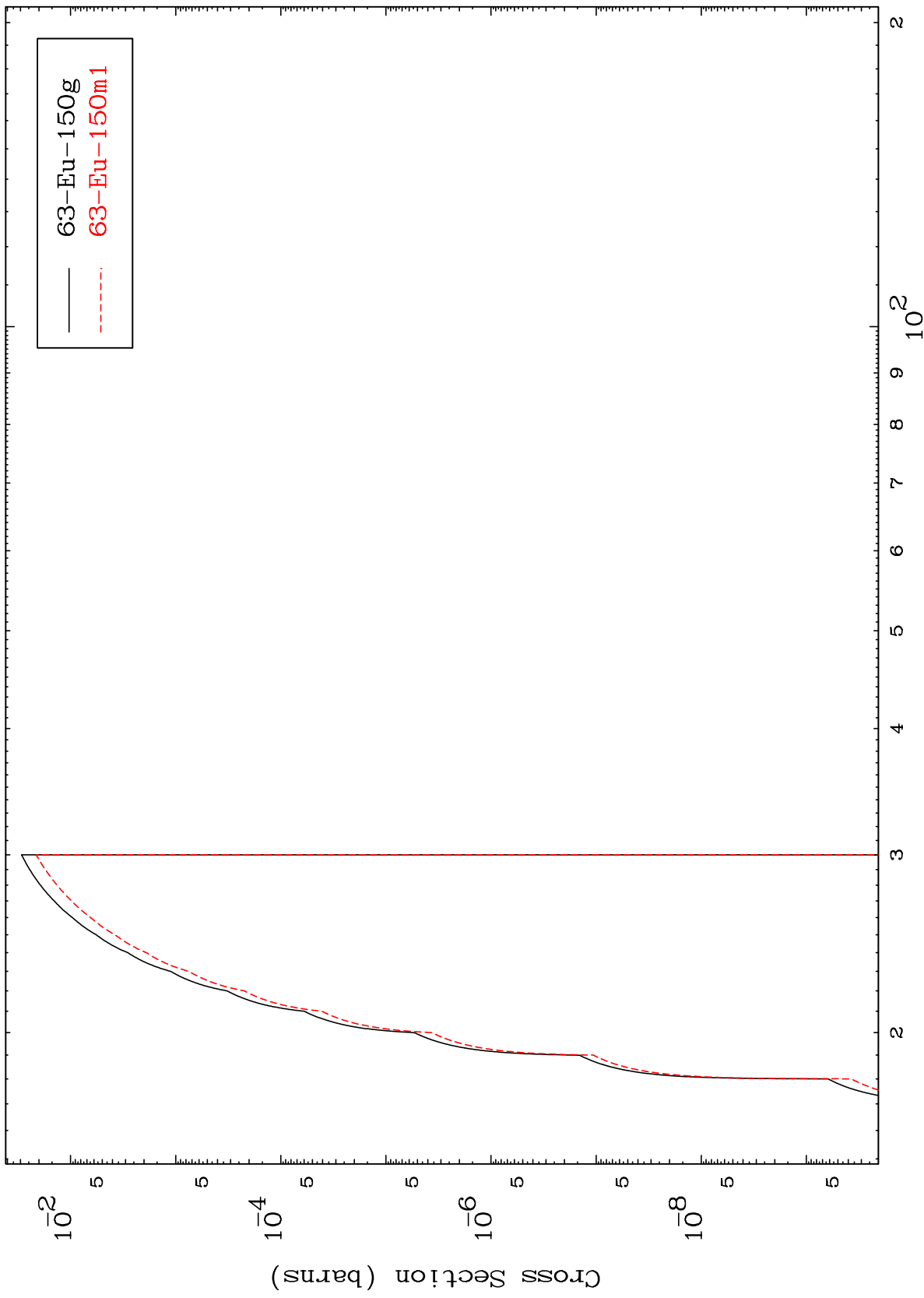
Radionuclide Production Cross Section



MAT 6425

64-Gd-152

(n,2n) p
Radionuclide Production Cross Section



134

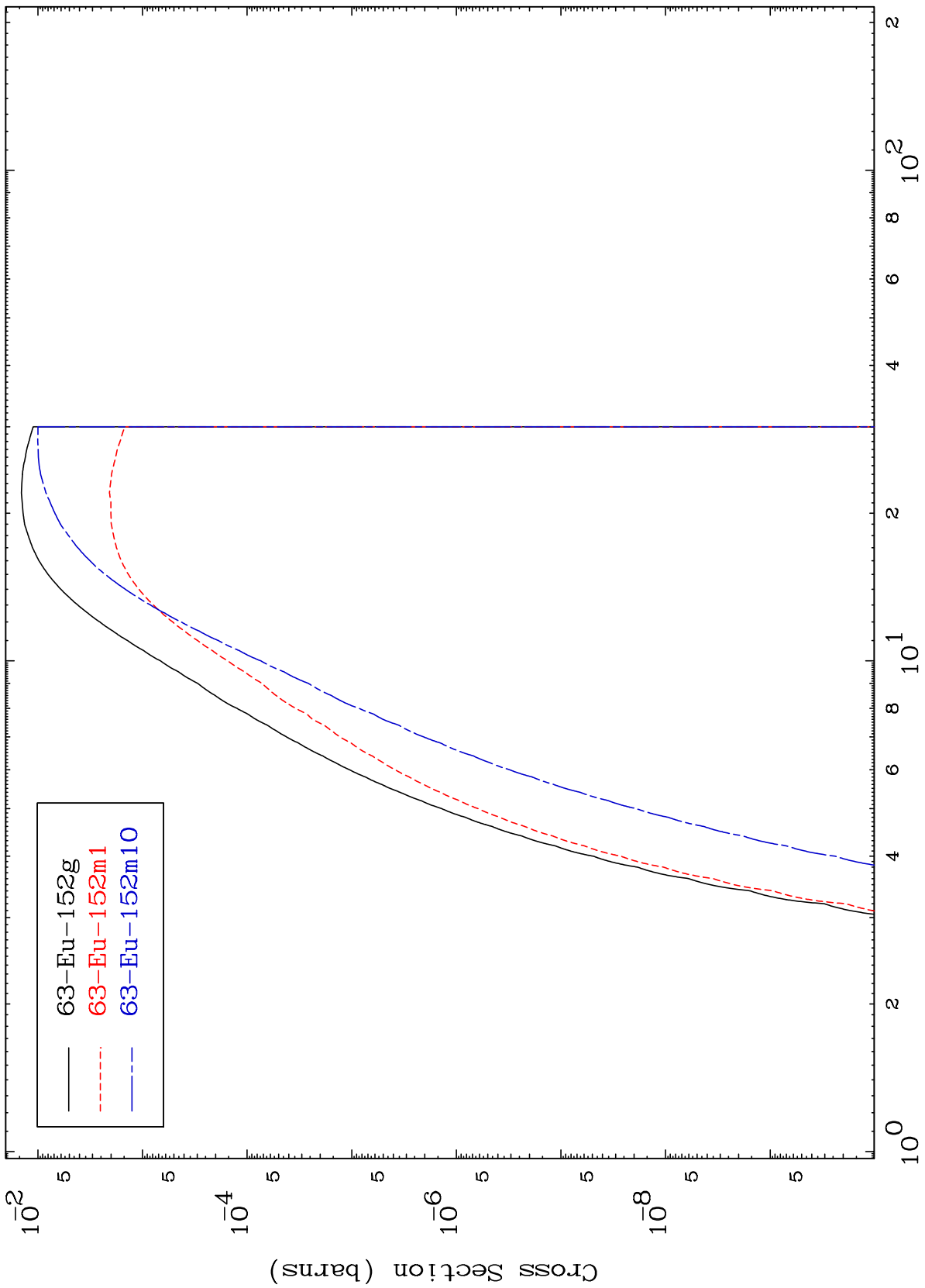
Incident Energy (MeV)

64-Gd-152

MAT 6425

64-Gd-152

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

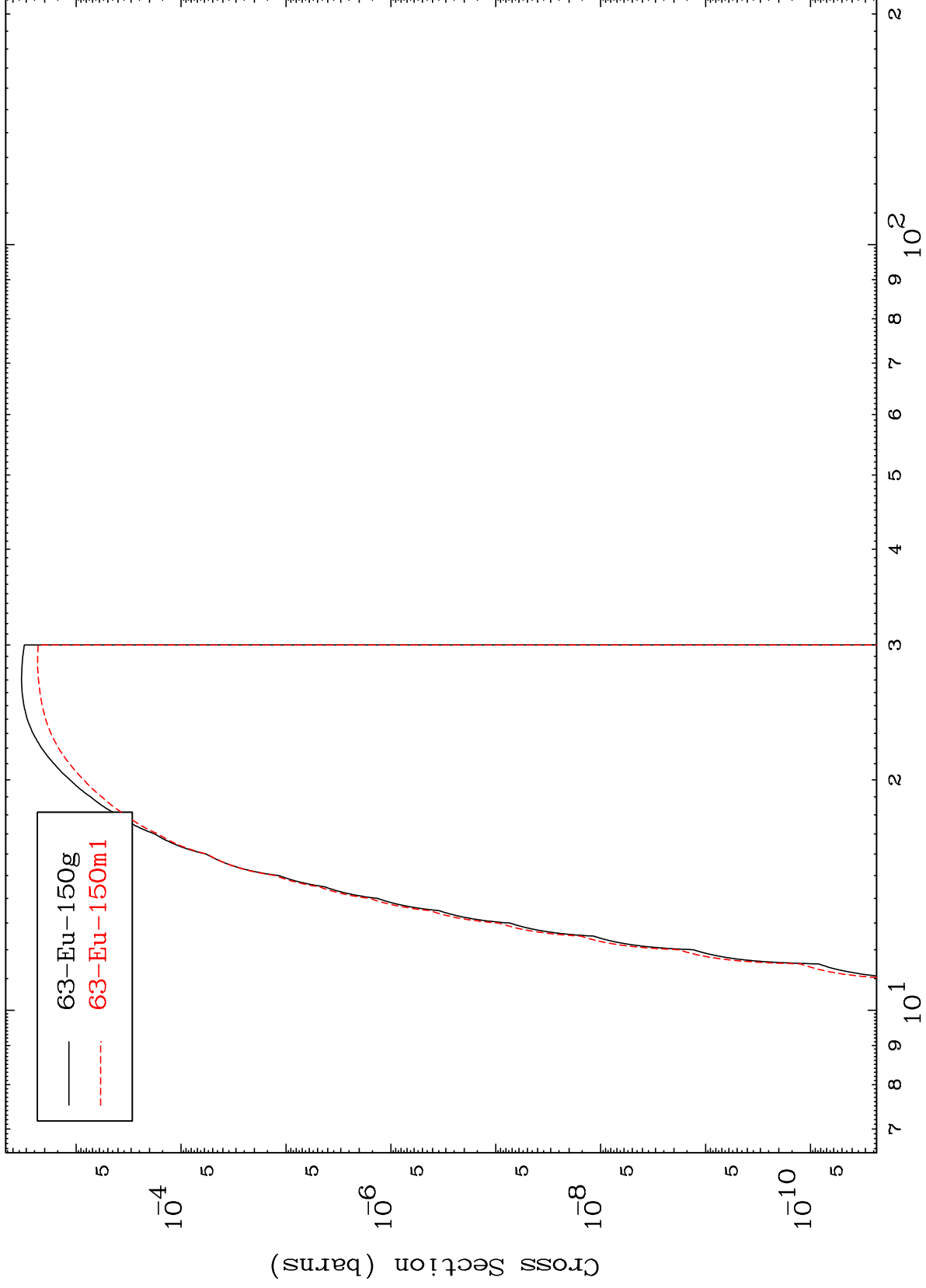
64-Gd-152

135

MAT 6425

64-Gd-152

(n, t)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

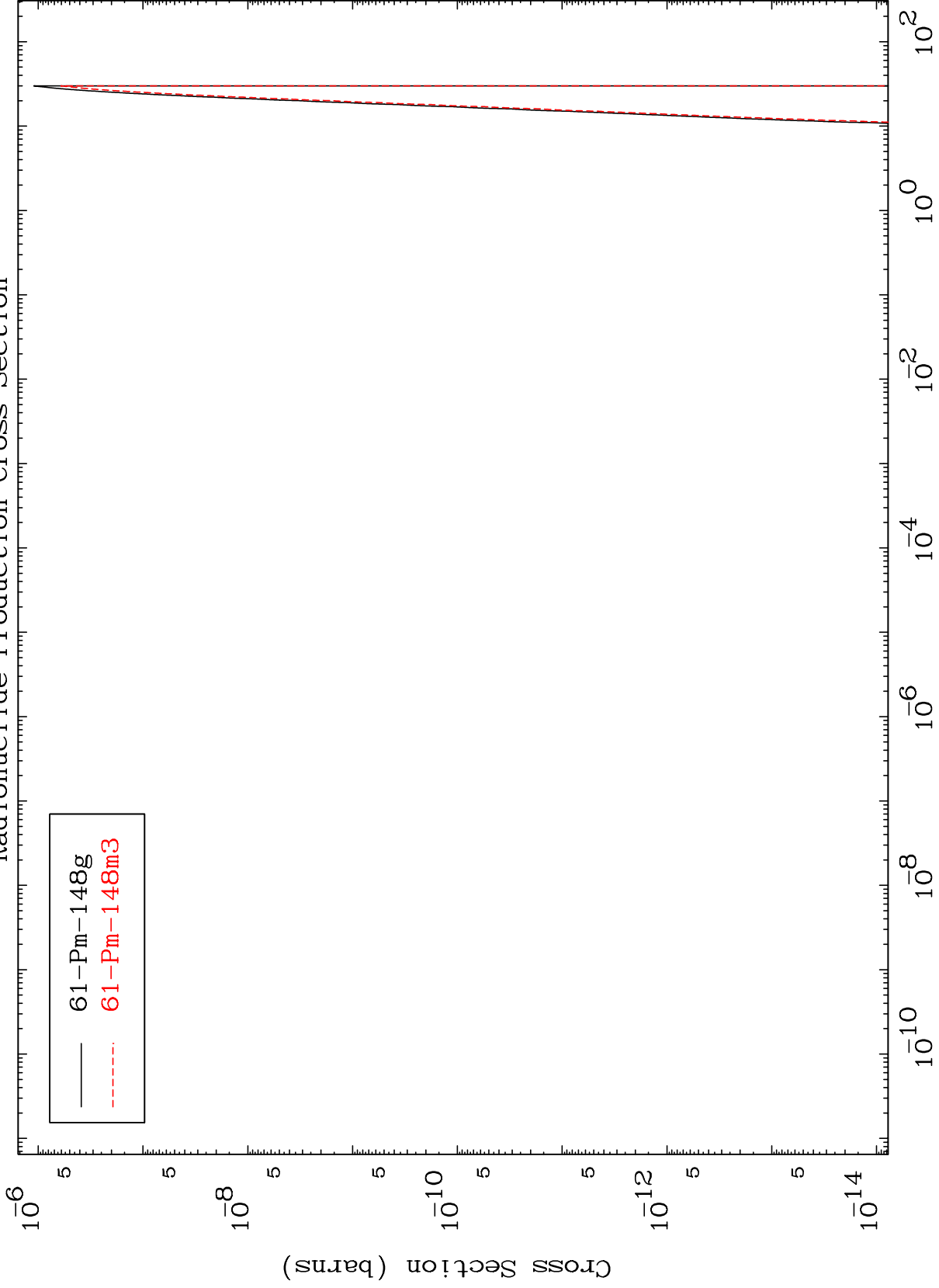
64-Gd-152

MAT 6425

(n,p) α

64-Gd-152

Radionuclide Production Cross Section



137

Incident Energy (MeV)

64-Gd-152