

Program EVALPLOT
(Version 2021-1)

by

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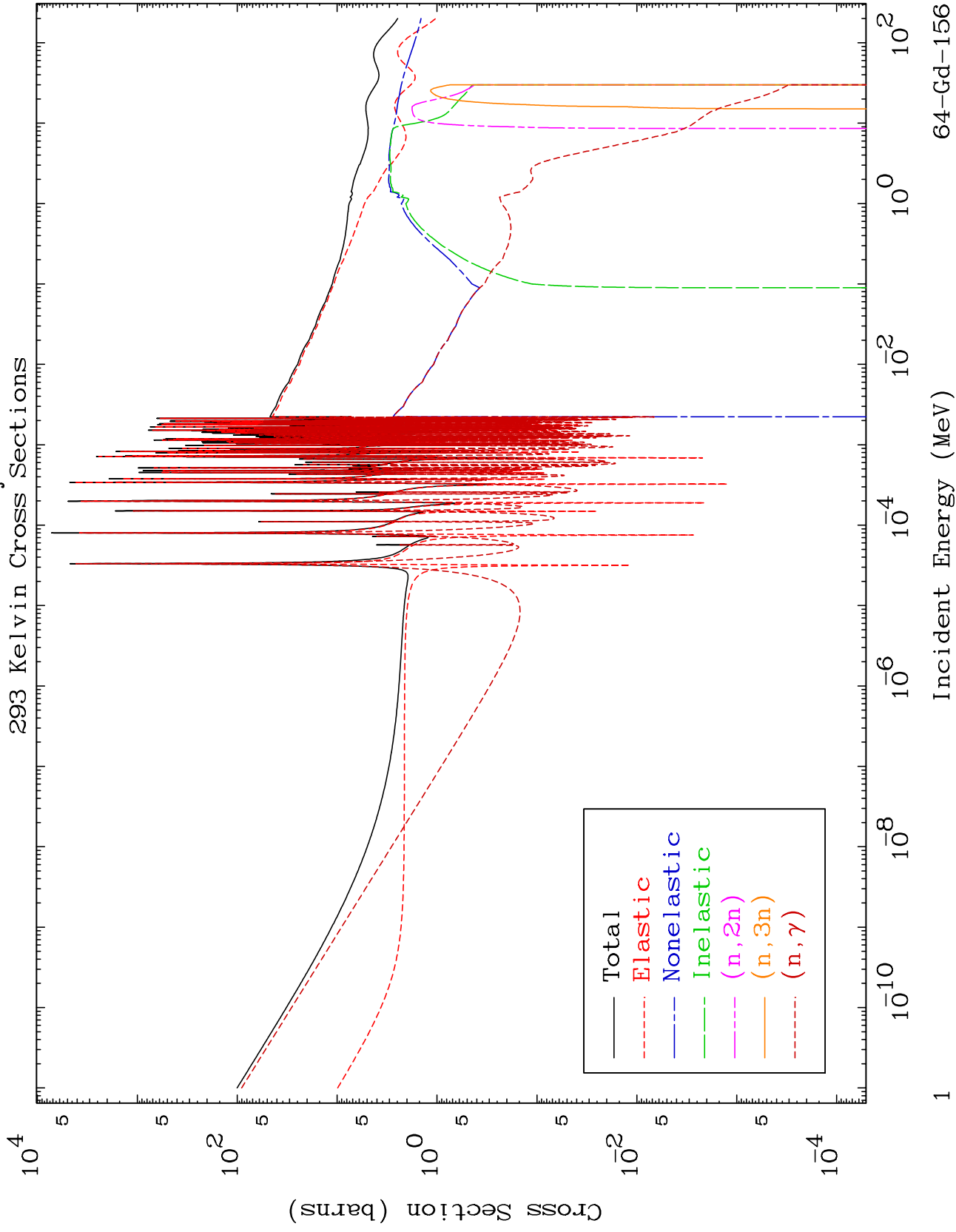
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6437

Neutron Major
293 Kelvin Cross Sections

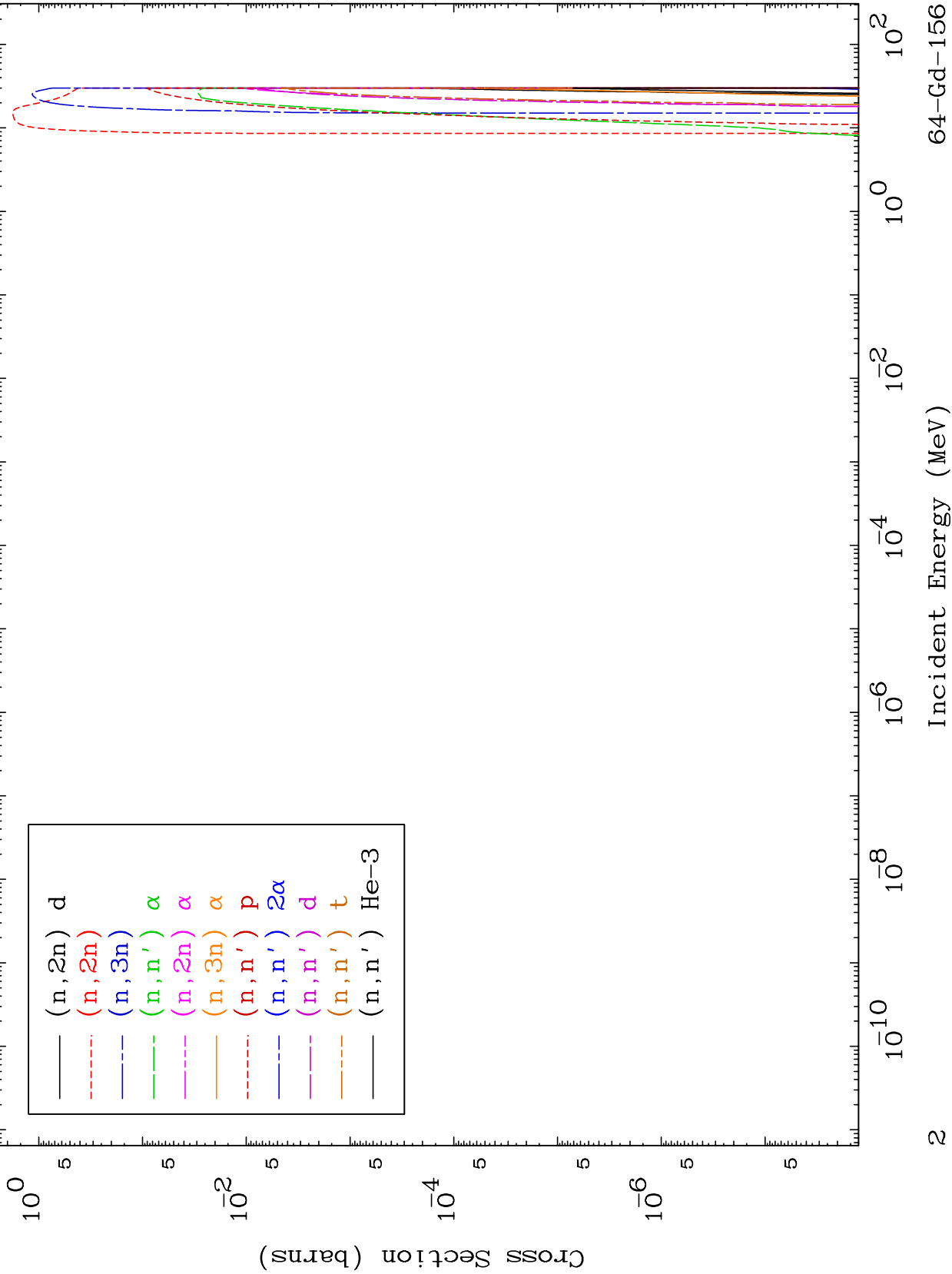
64-Gd-156

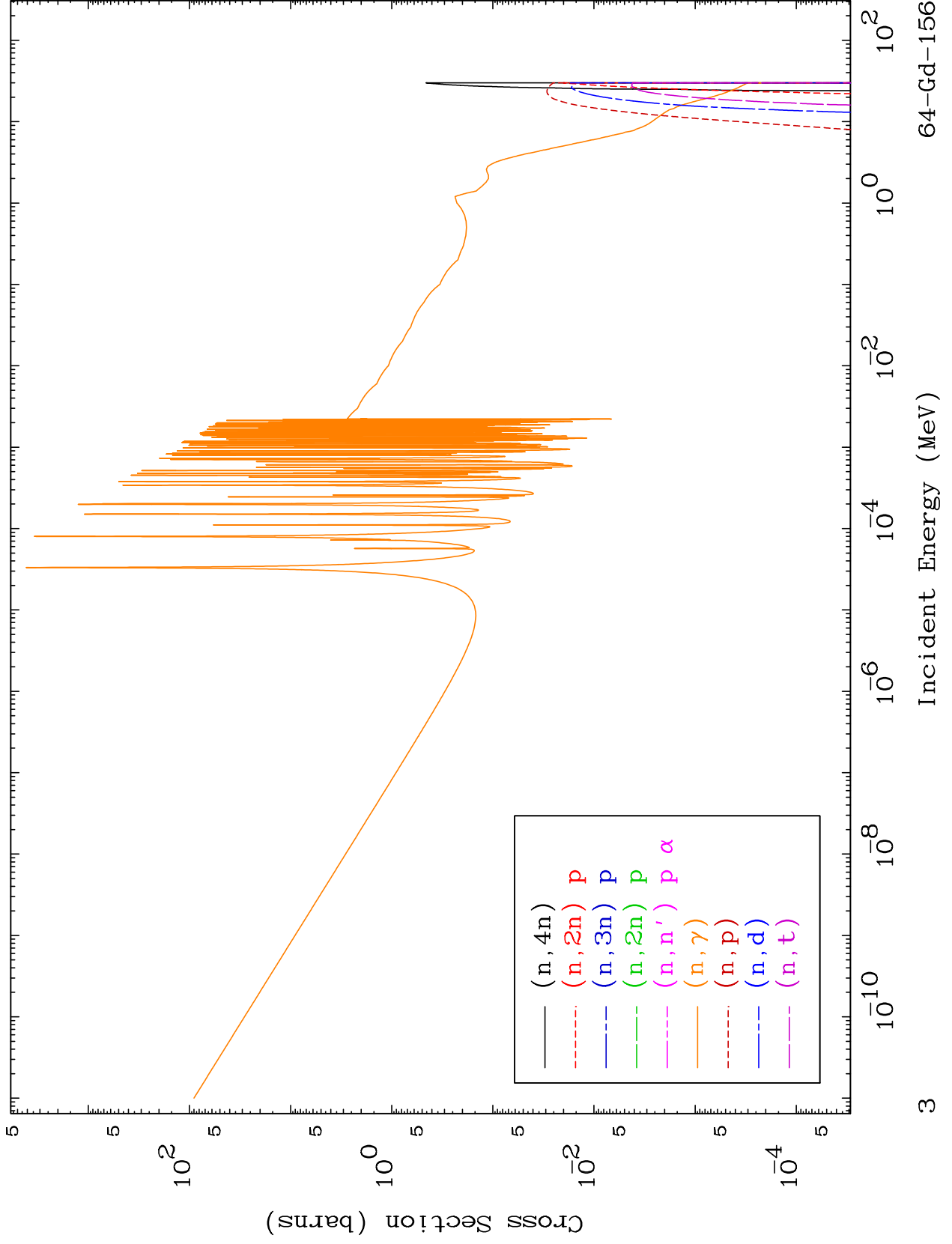


MAT 6437

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-156

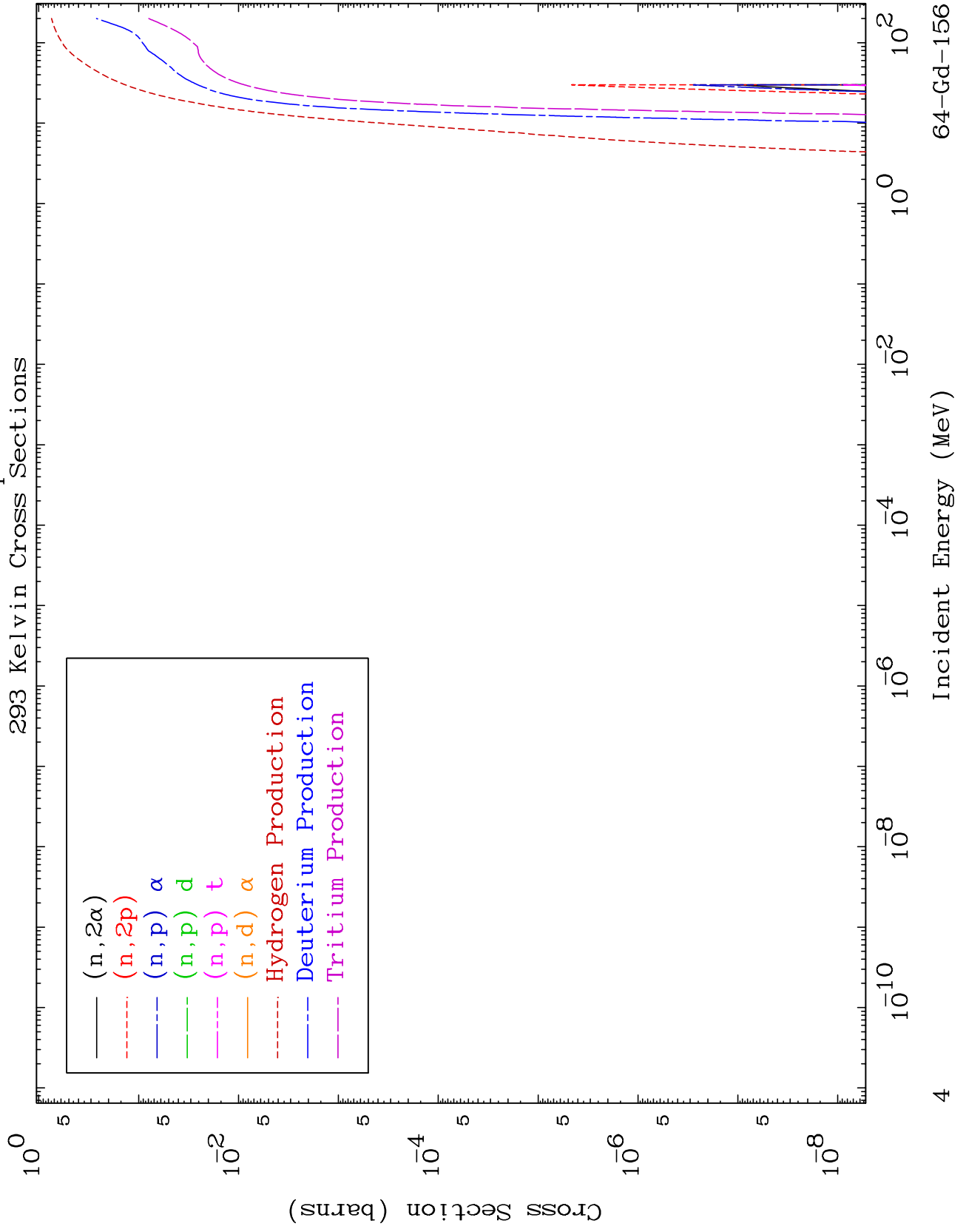


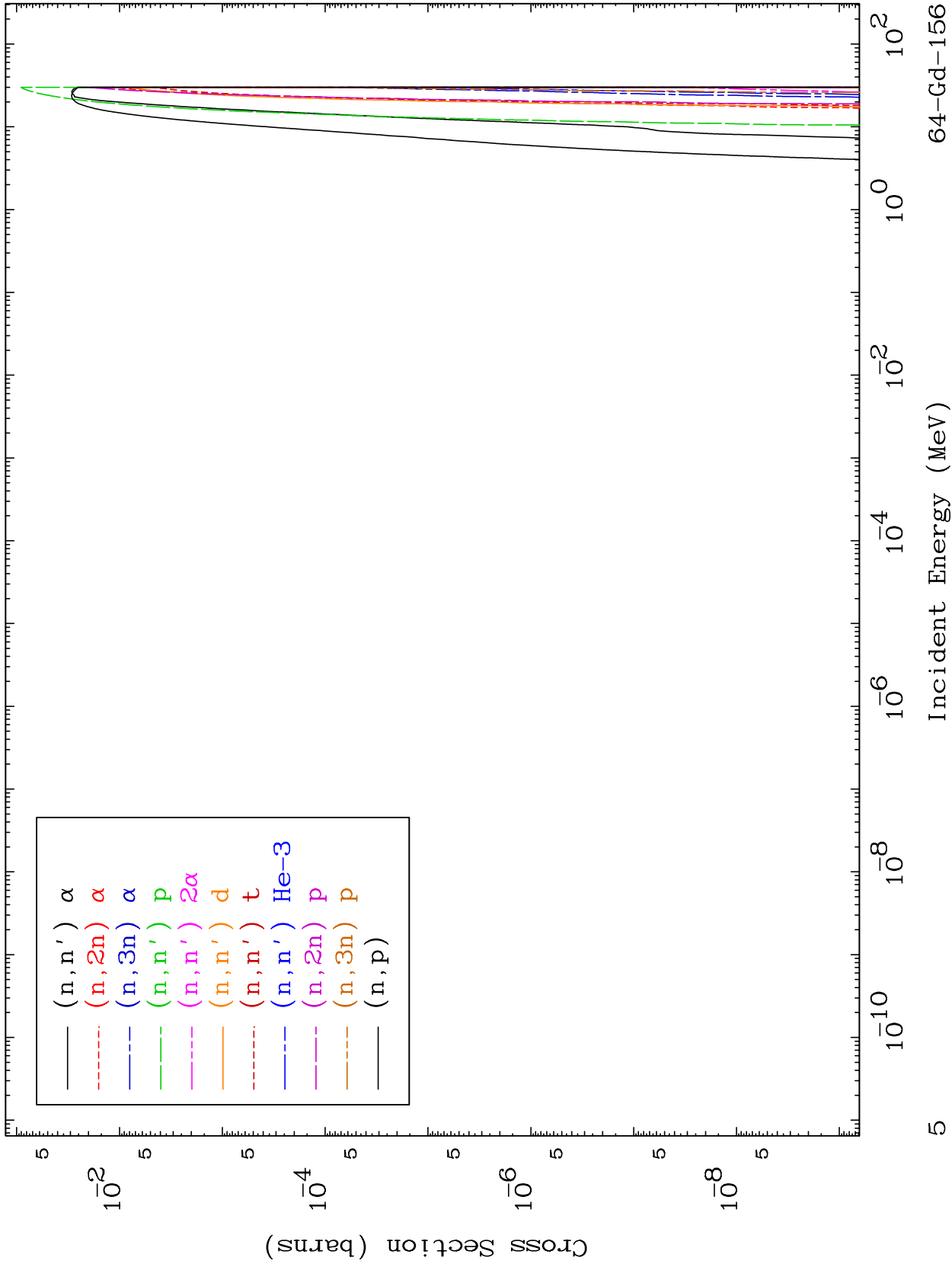


MAT 6437

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-156

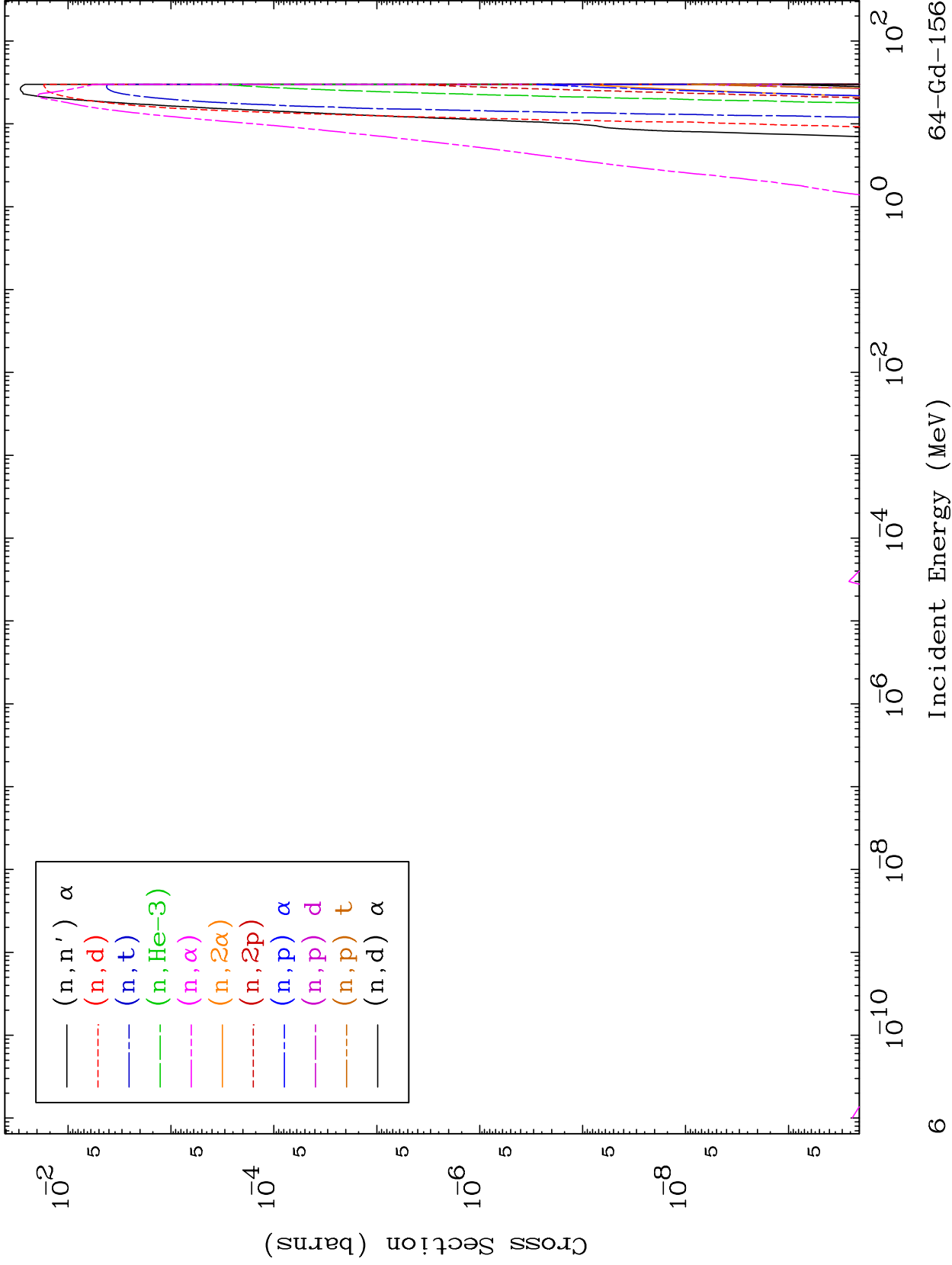




MAT 6437

Charged Particle
293 Kelvin Cross Sections

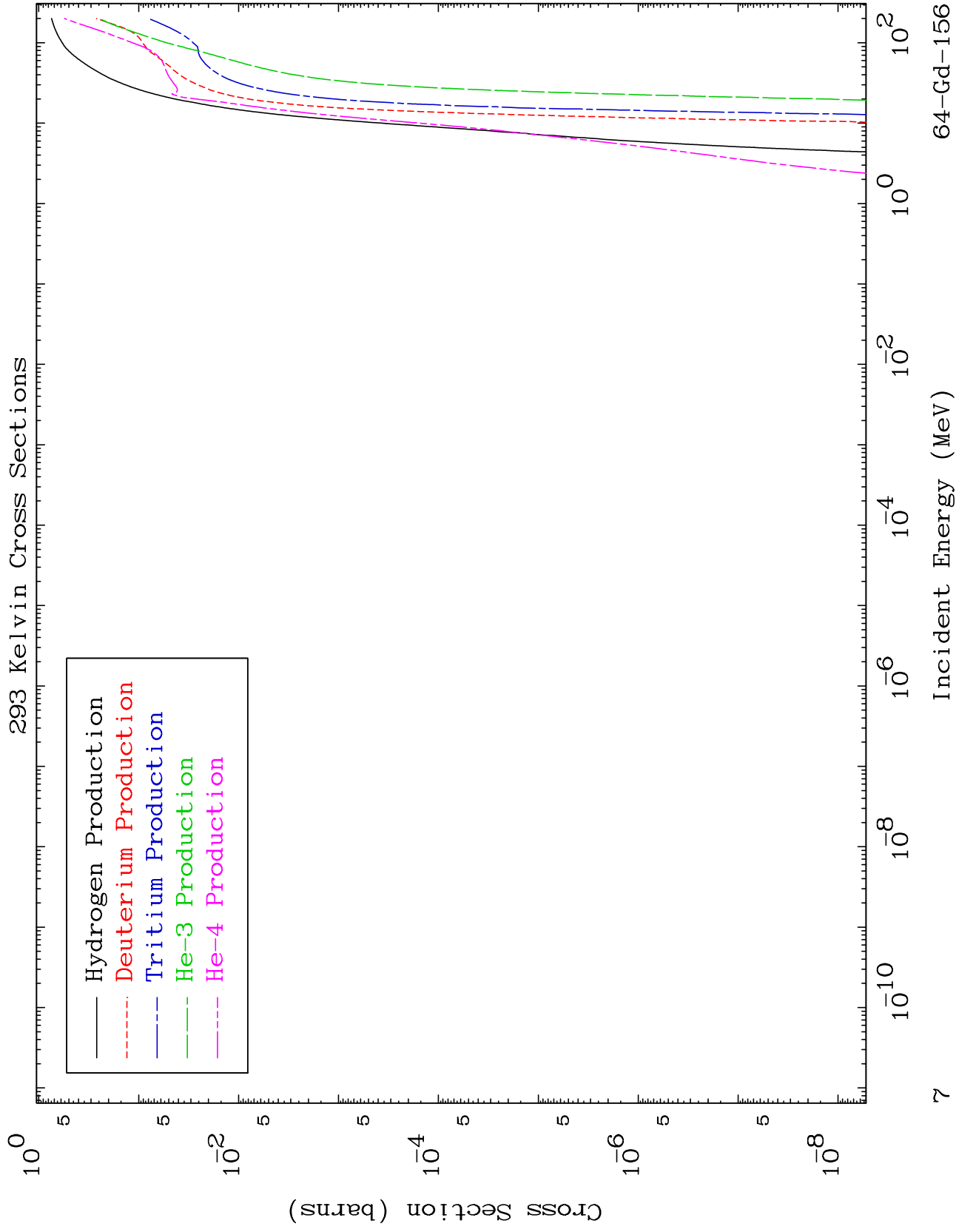
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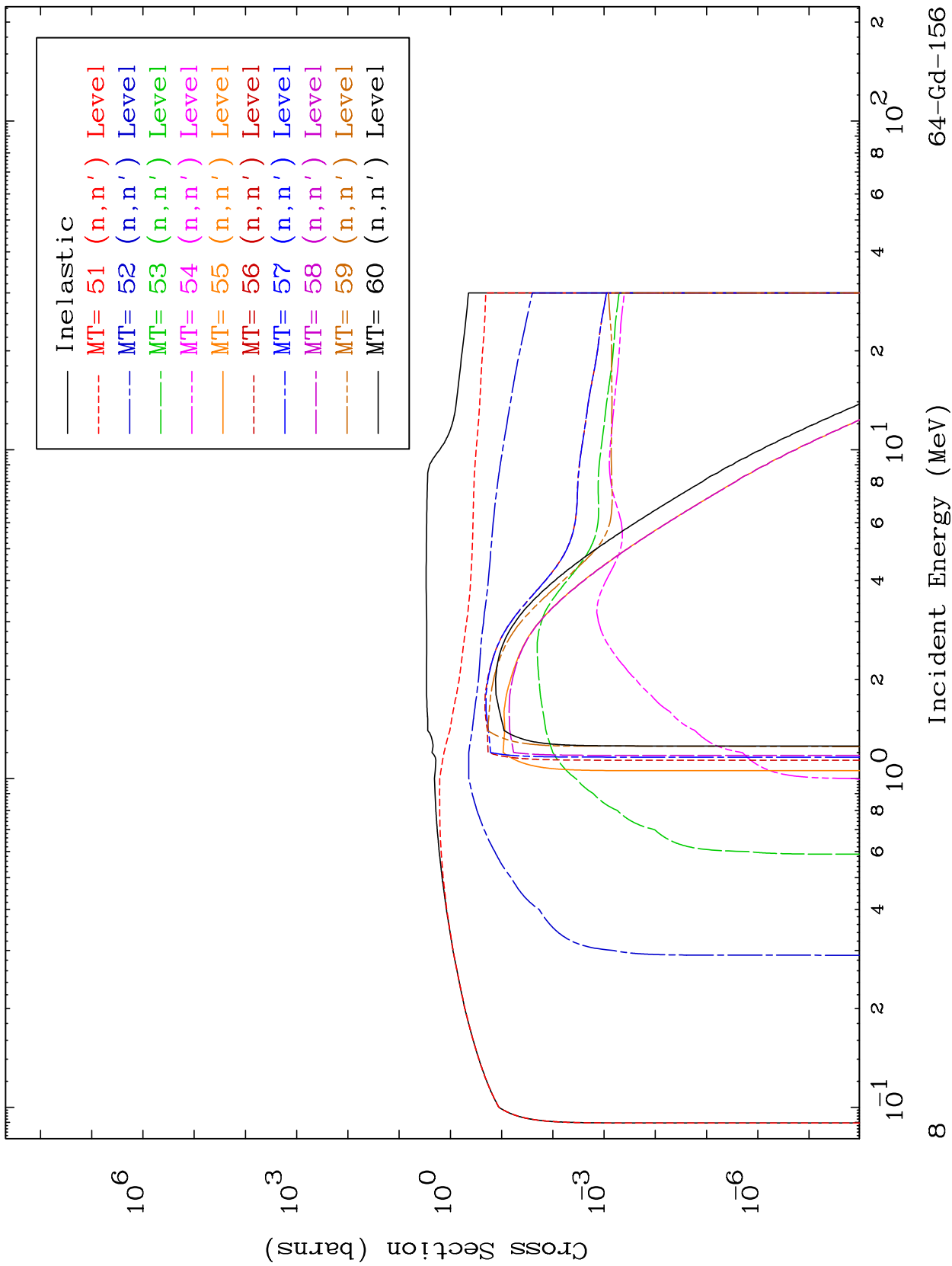


MAT 6437

Particle Production
293 Kelvin Cross Sections

64-Gd-156



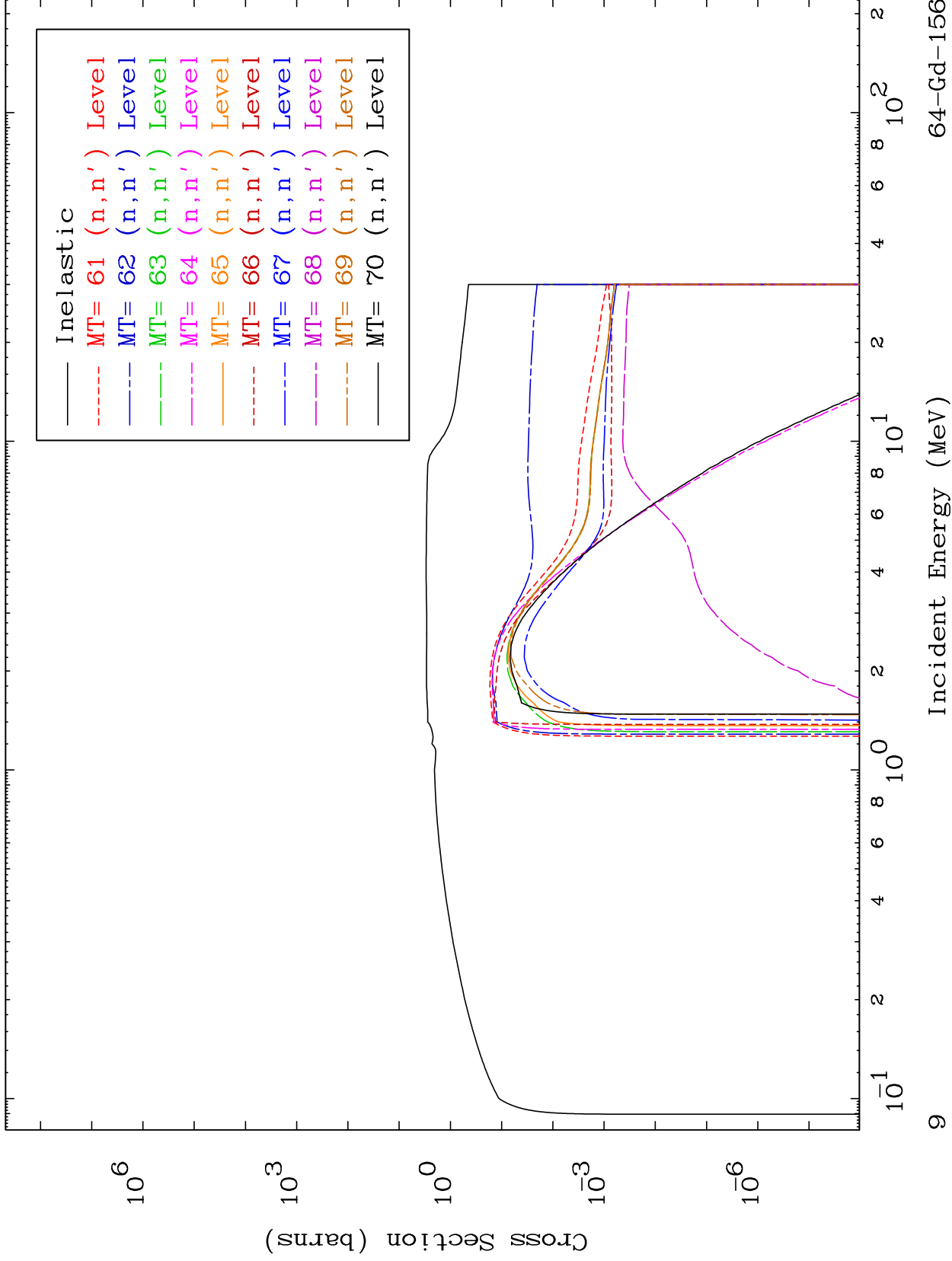


MAT 6437

(n,n') Levels

64-Gd-156

293 Kelvin Cross Sections

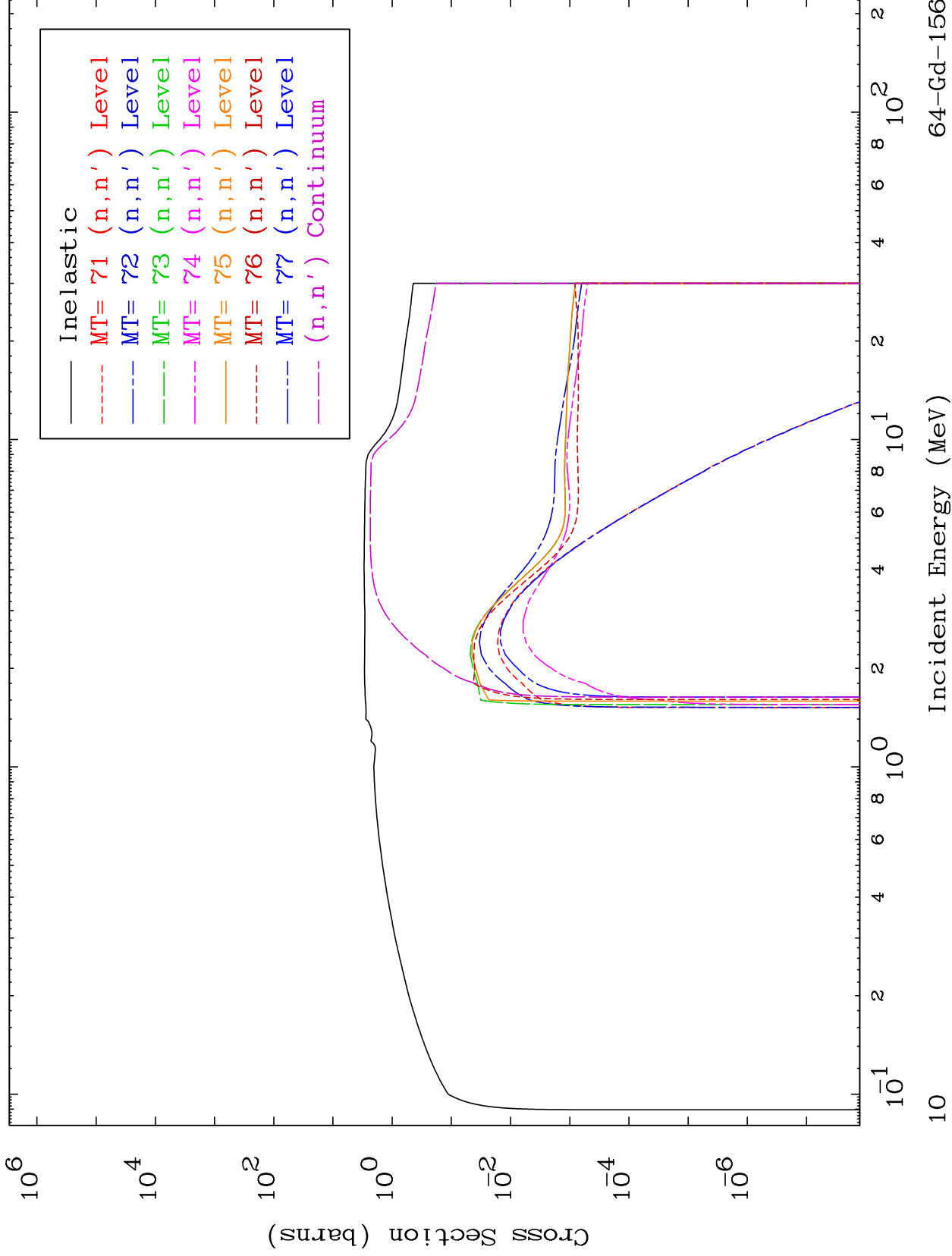


MAT 6437

(n,n') Levels

64-Gd-156

293 Kelvin Cross Sections



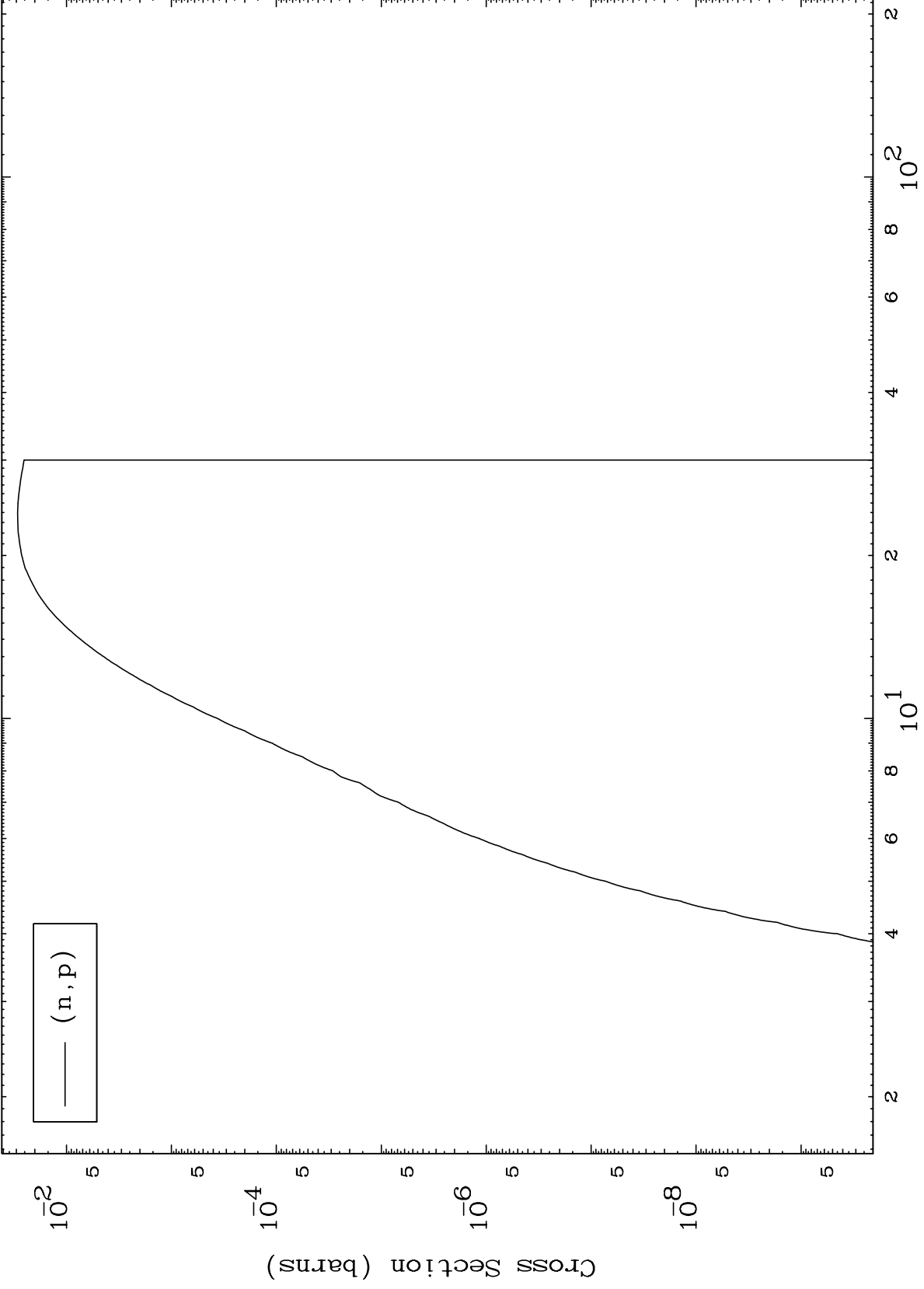
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Incident Energy (MeV)

MAT 6437

(n,p) Levels
293 Kelvin Cross Sections

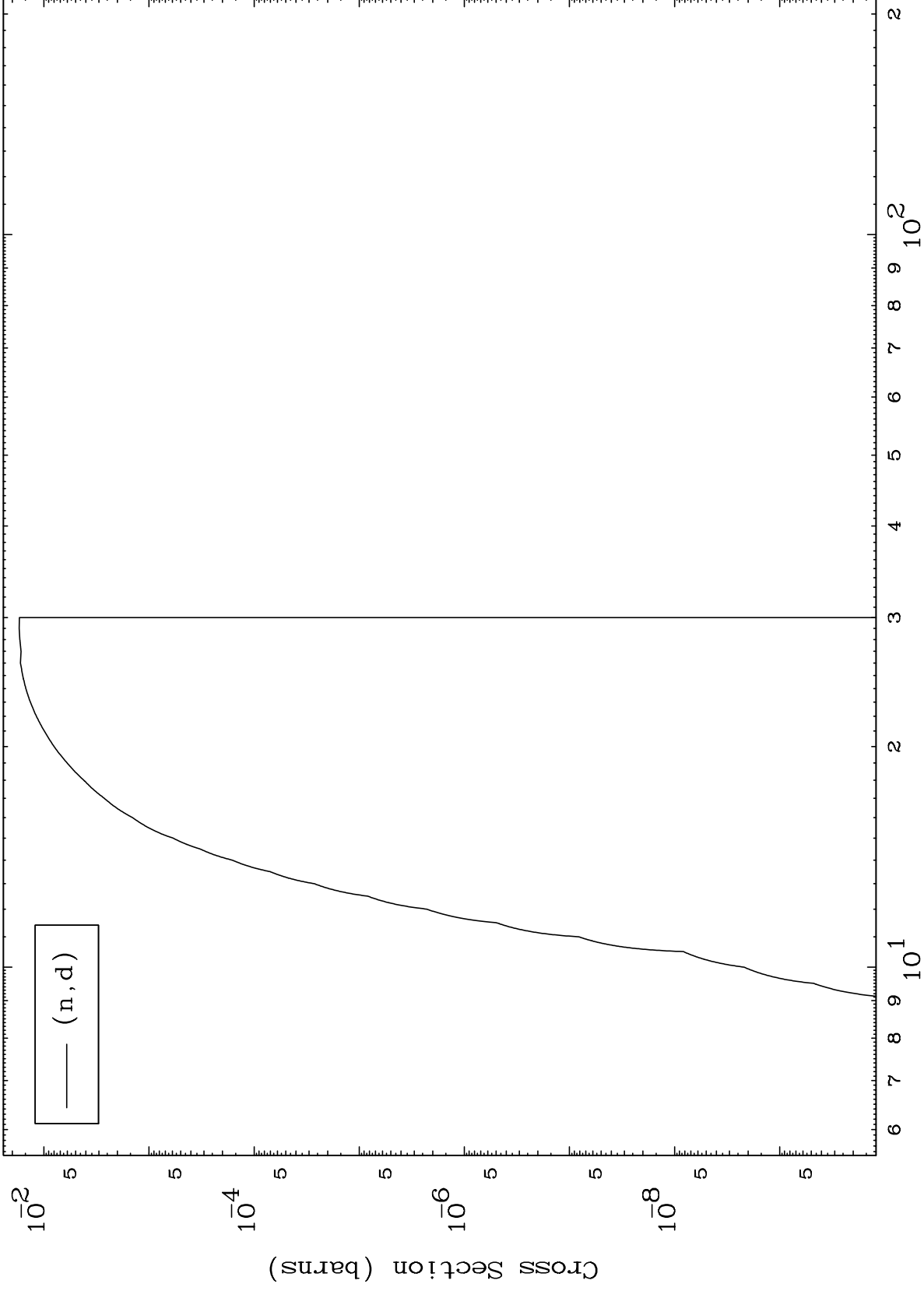
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MAT 6437

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-156



12

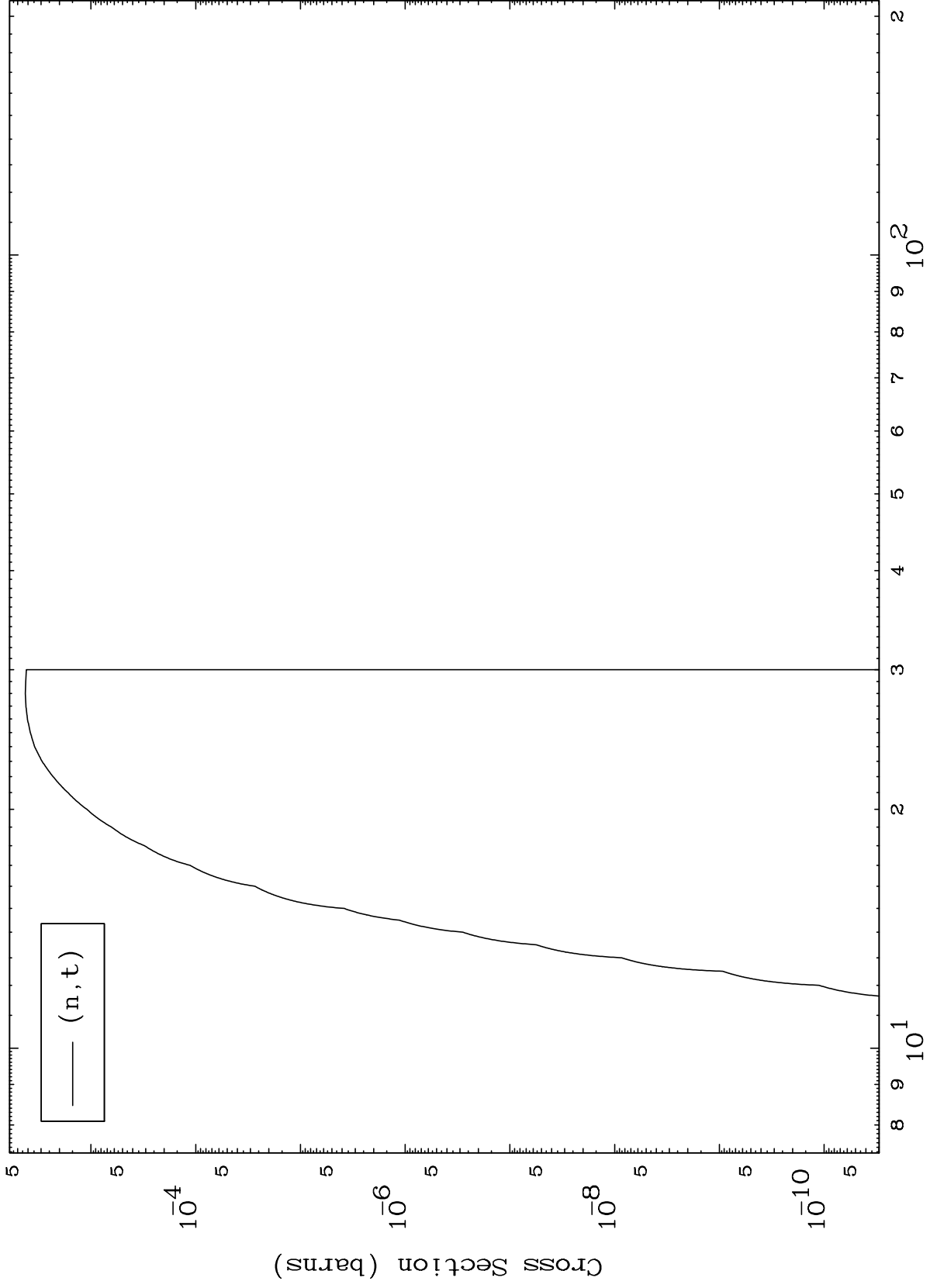
Incident Energy (MeV)

64-Gd-156

MAT 6437

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-156



13

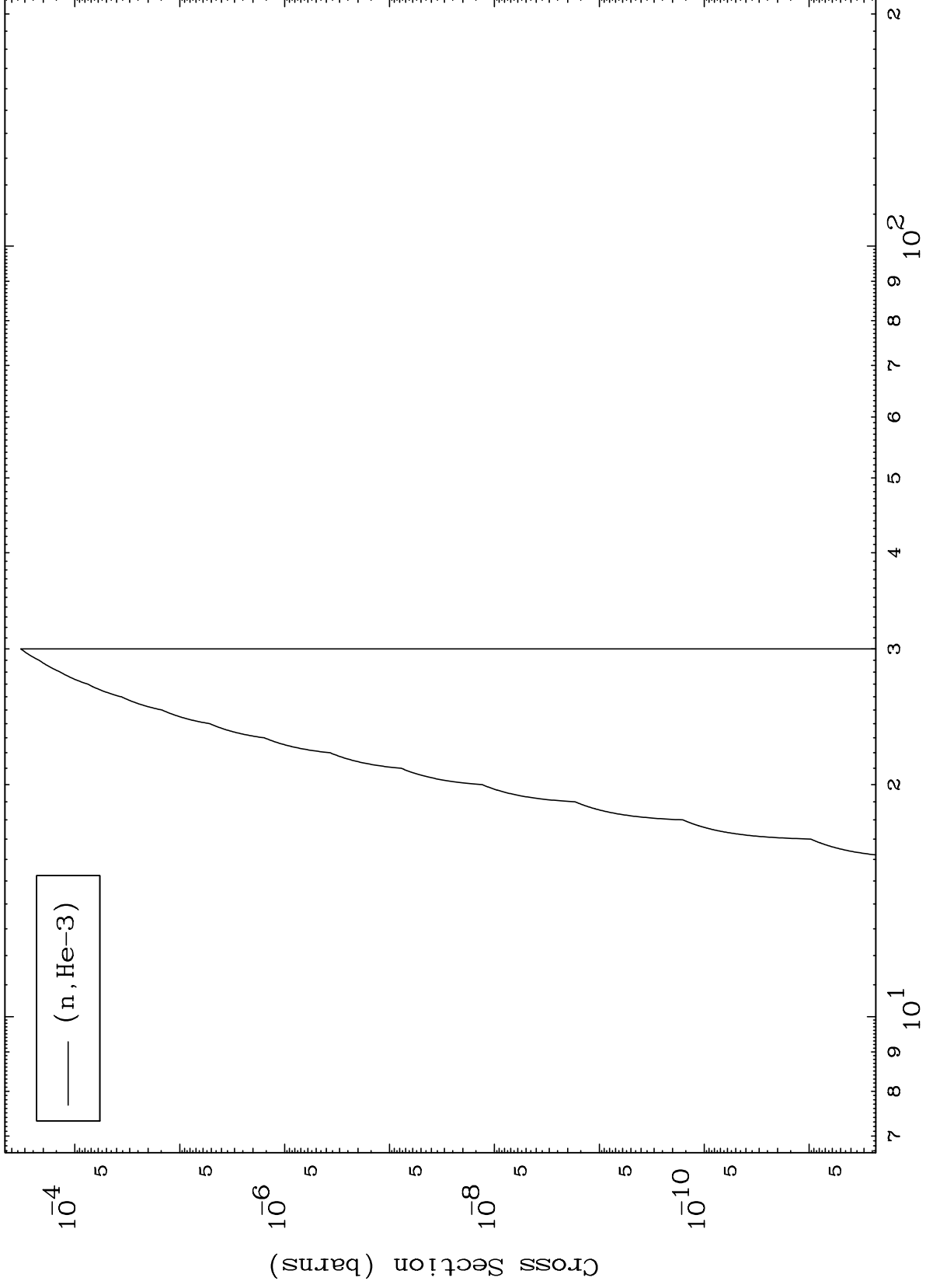
Incident Energy (MeV)

64-Gd-156

MAT 6437

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-156



14

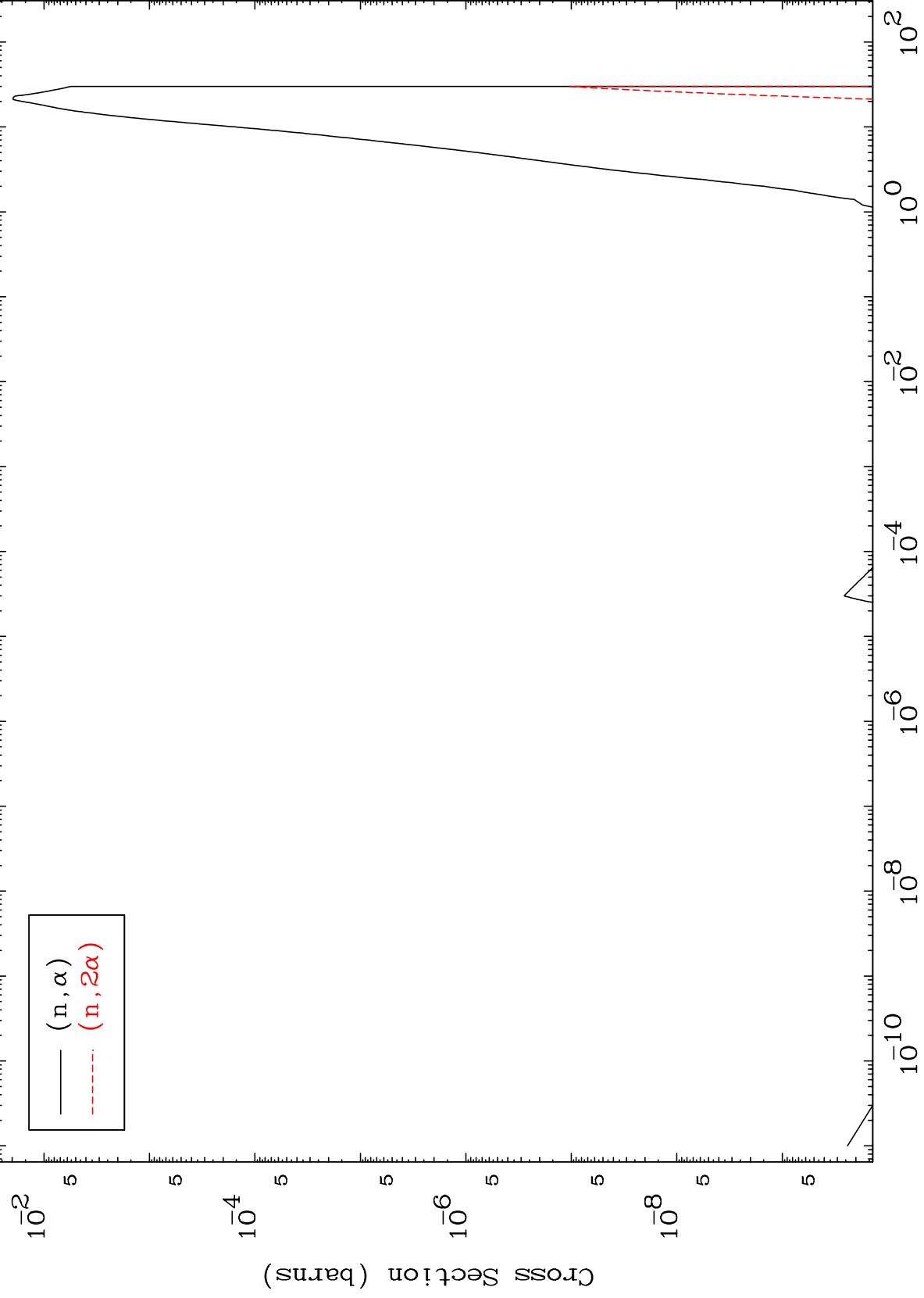
Incident Energy (MeV)

64-Gd-156

MAT 6437

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-156



15

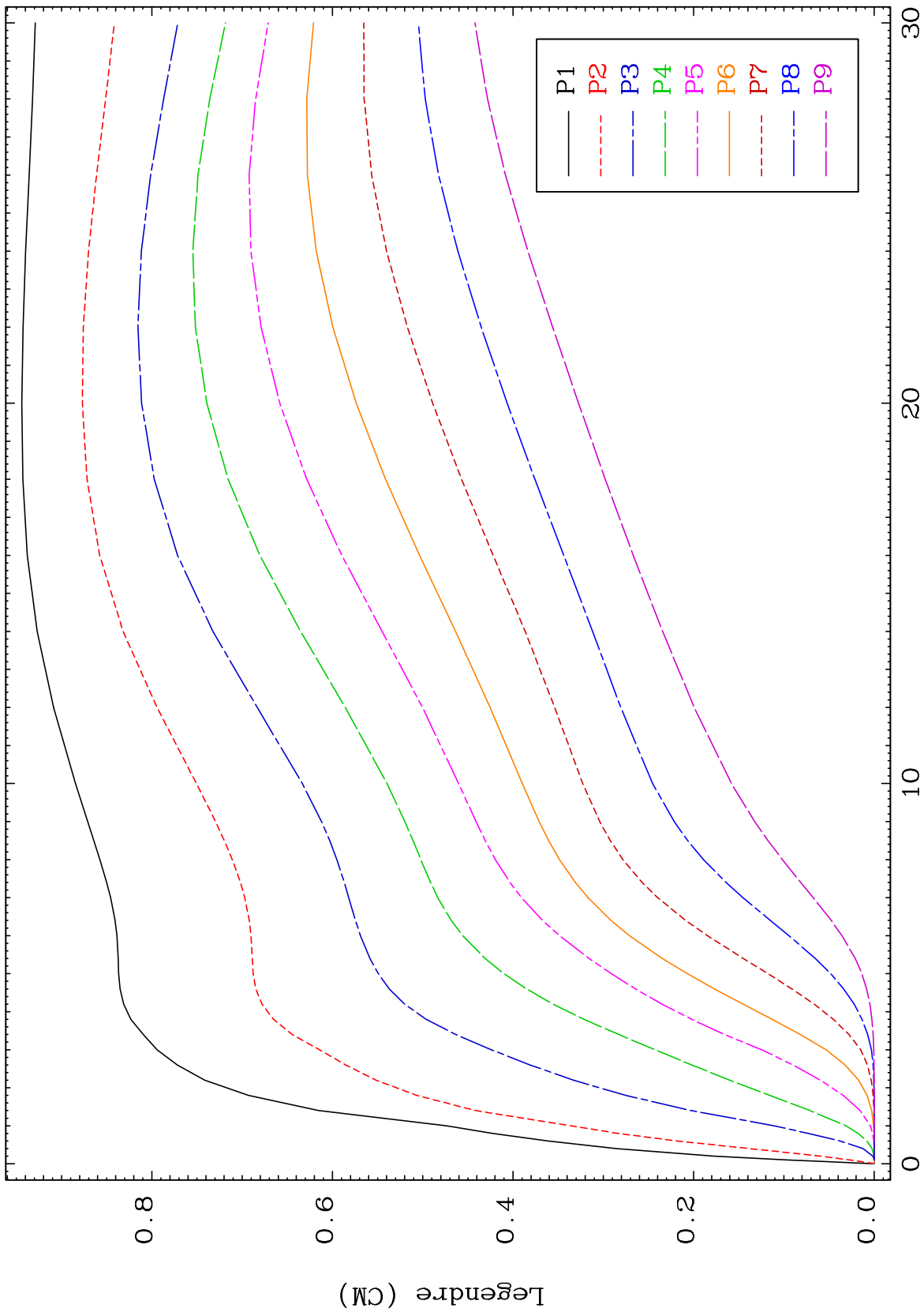
Incident Energy (MeV)

64-Gd-156

MAT 6437

Elastic Legendre Coefficients

64-Gd-156



16

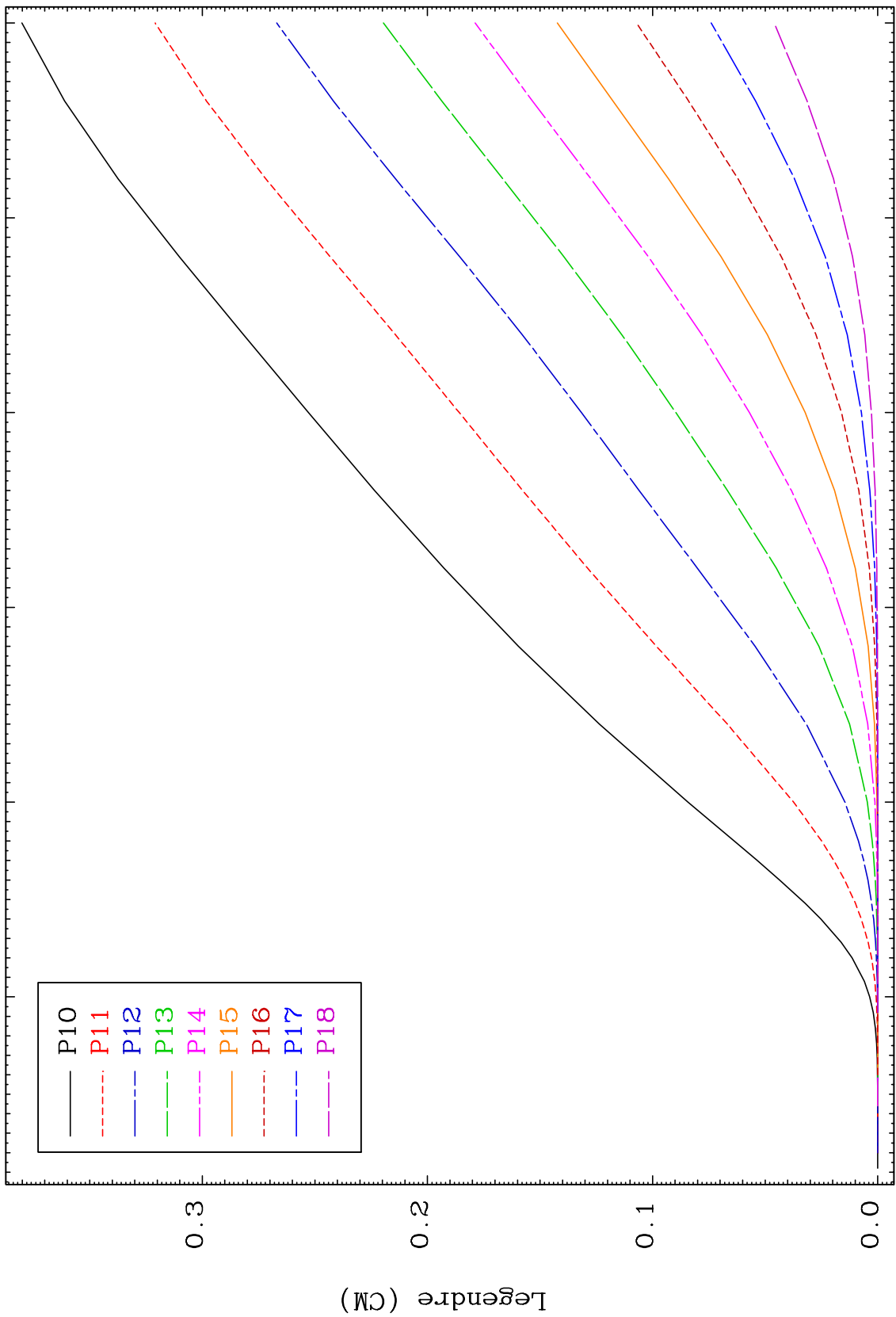
Incident Energy (MeV)

64-Gd-156

MAT 6437

Elastic Legendre Coefficients

64-Gd-156



17

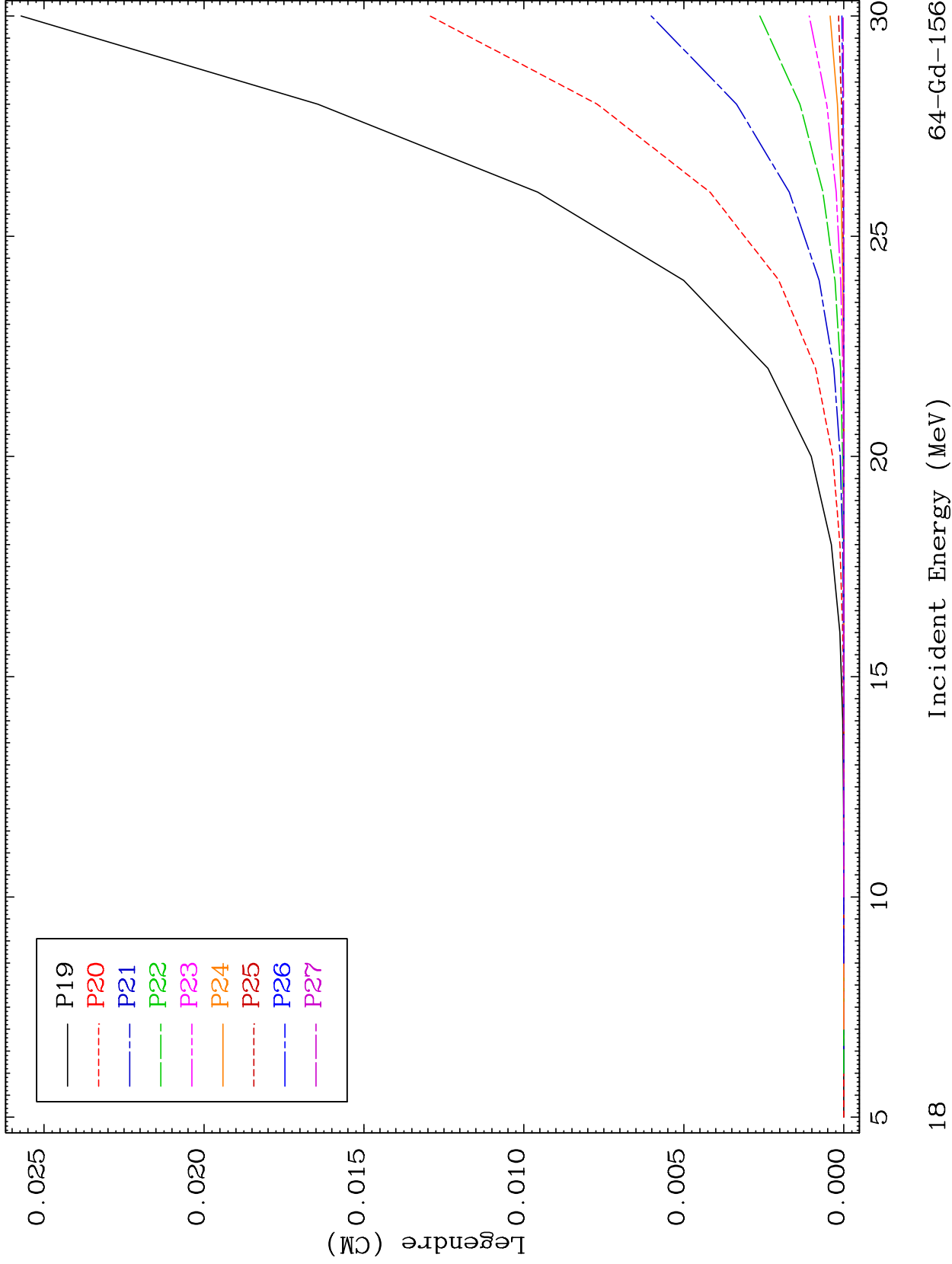
64-Gd-156

Incident Energy (MeV)

MAT 6437

Elastic Legendre Coefficients

64-Gd-156



18

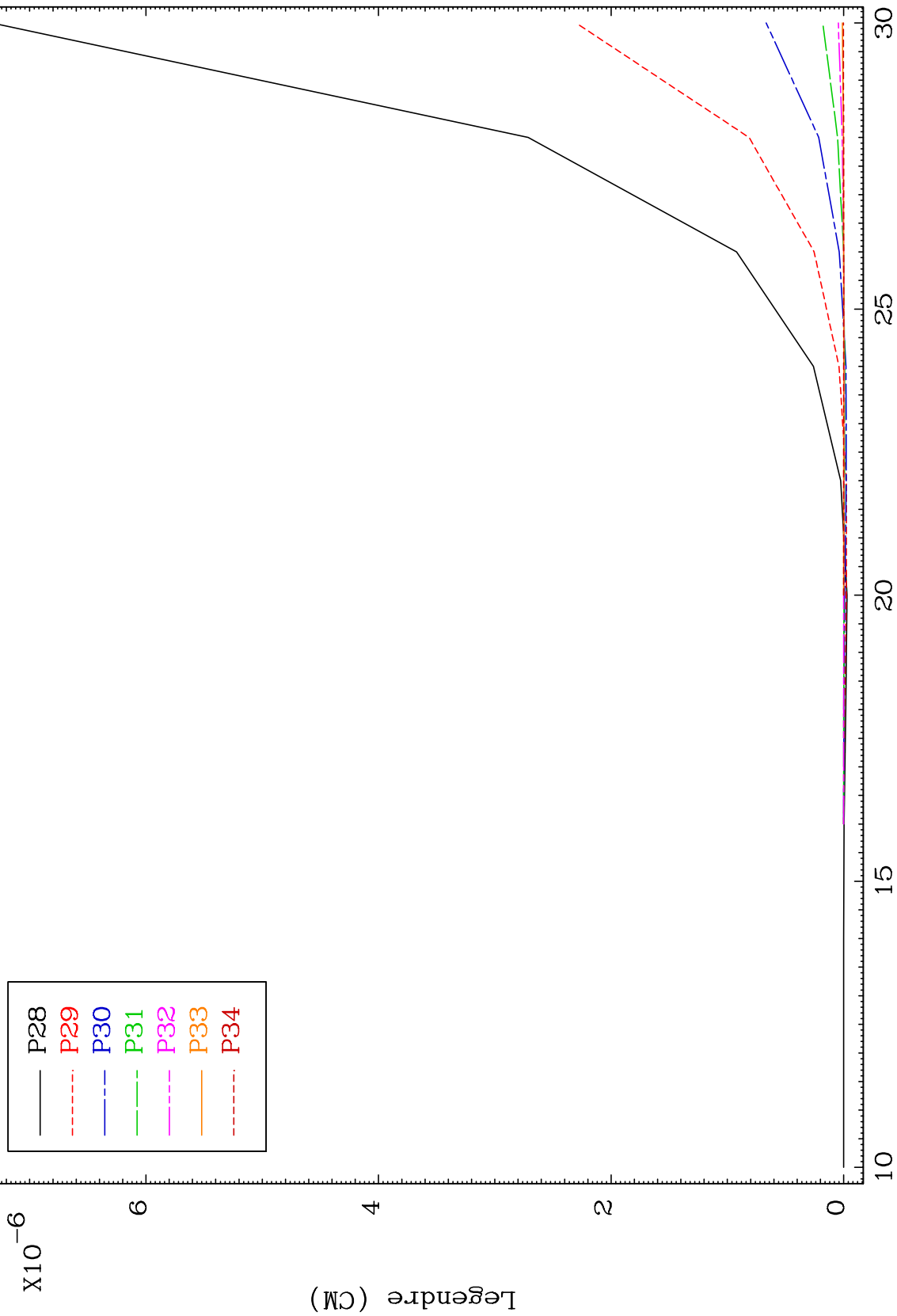
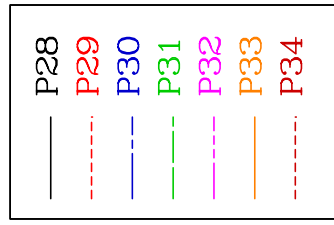
Incident Energy (MeV)

64-Gd-156

MAT 6437

Elastic
Legendre Coefficients

64-Gd-156



19

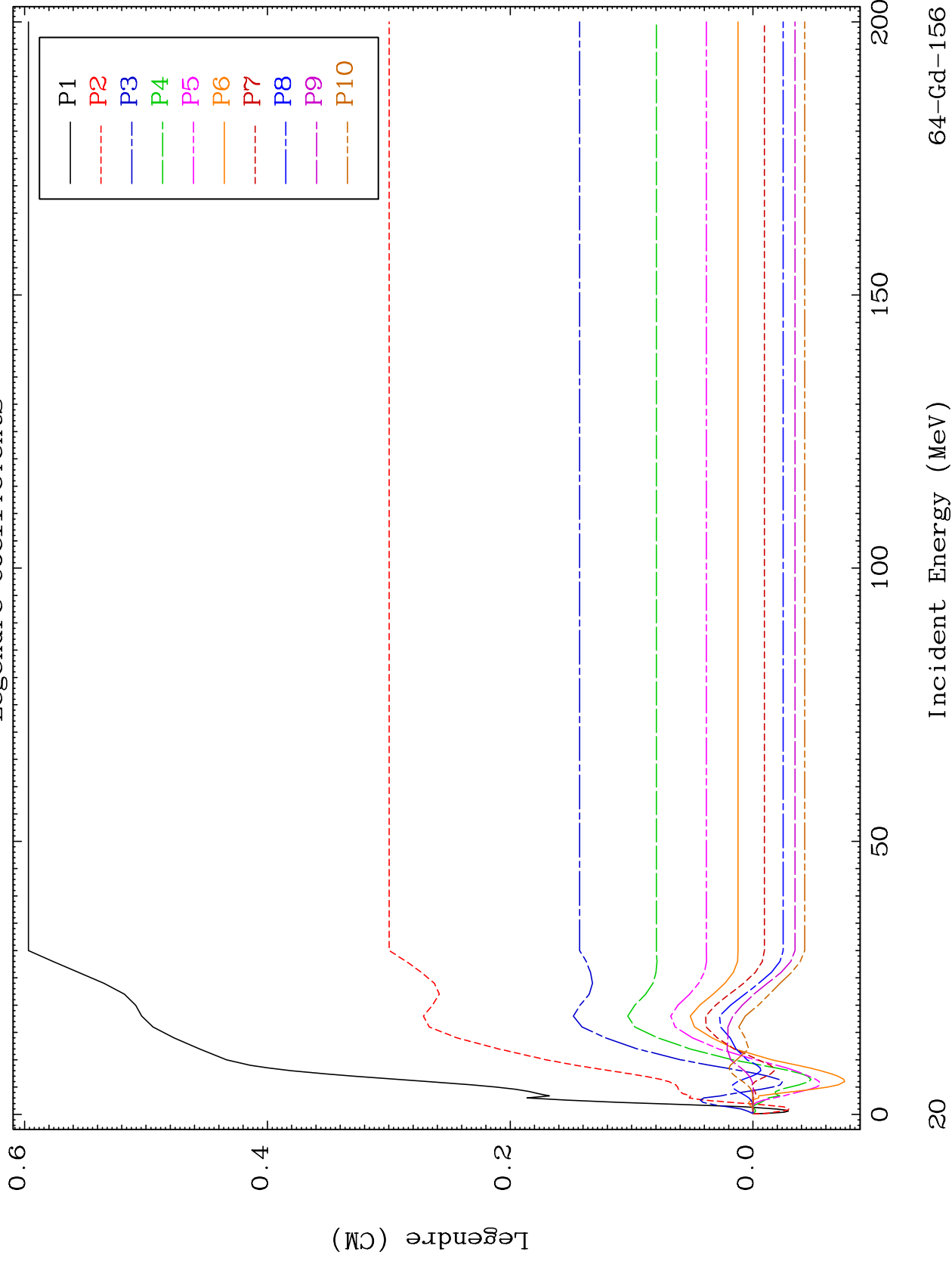
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

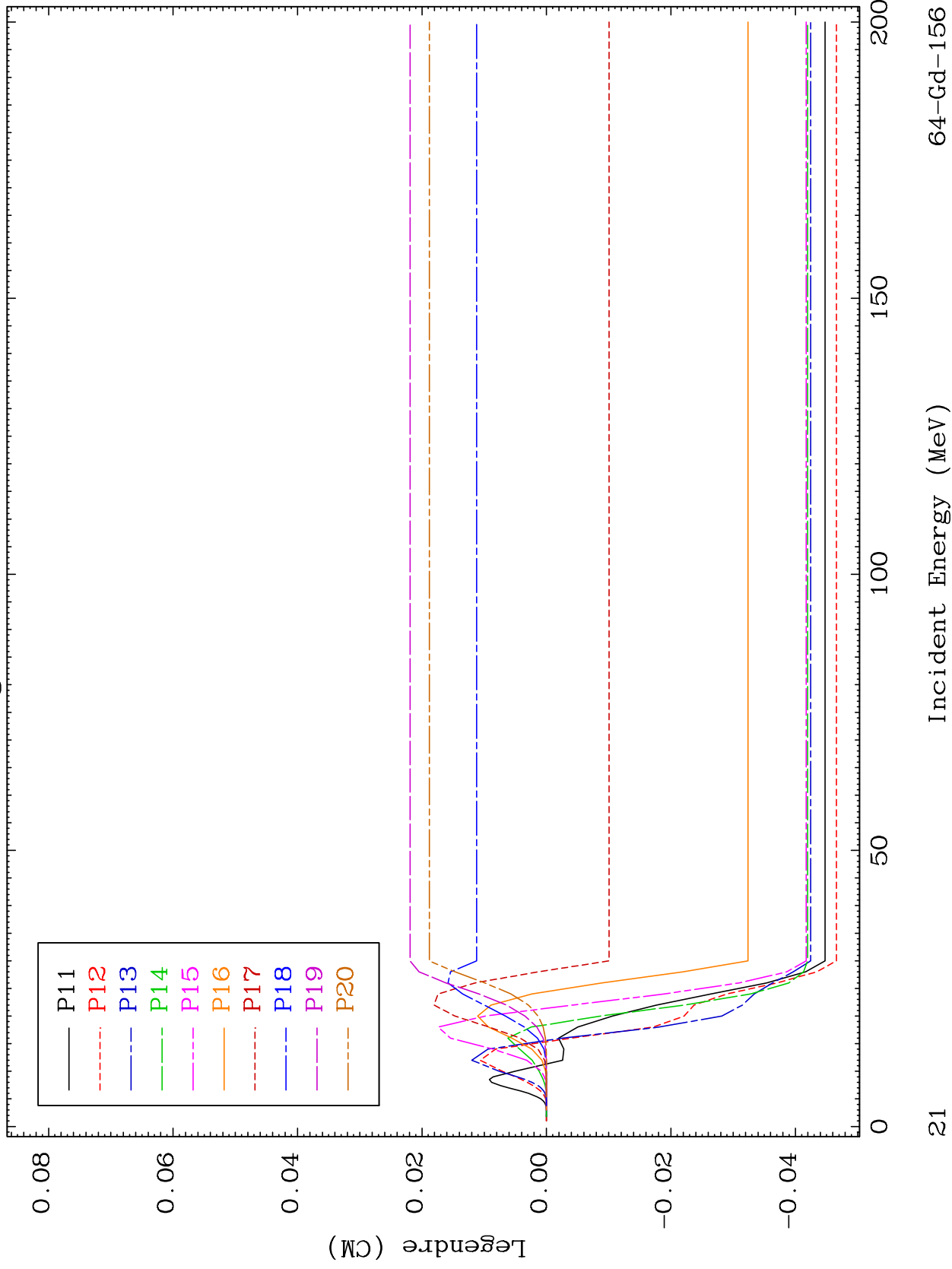
Incident Energy (MeV)

20

MAT 6437

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

64-Gd-156



64-Gd-156

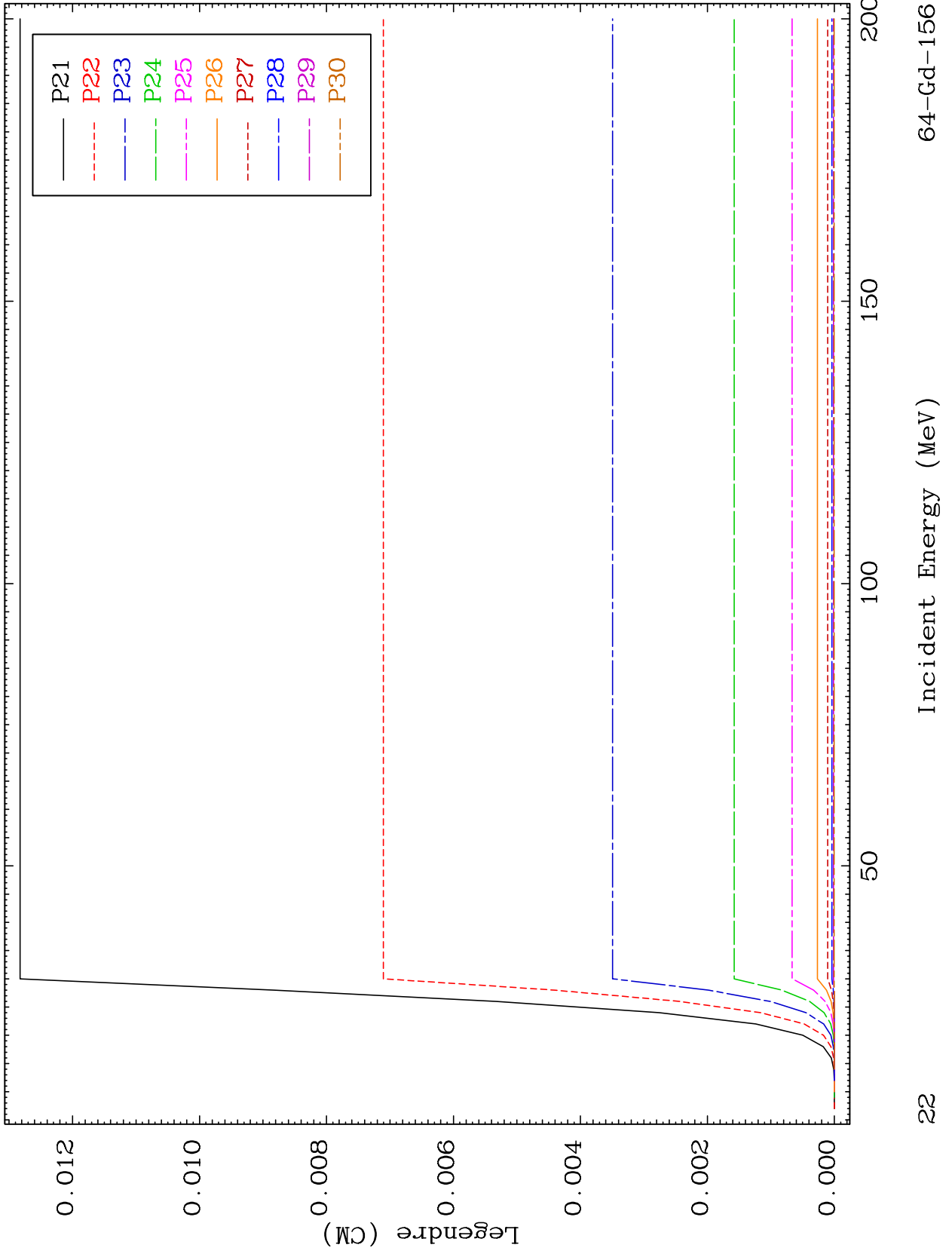
Incident Energy (MeV)

21

MAT 6437

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

64-Gd-156

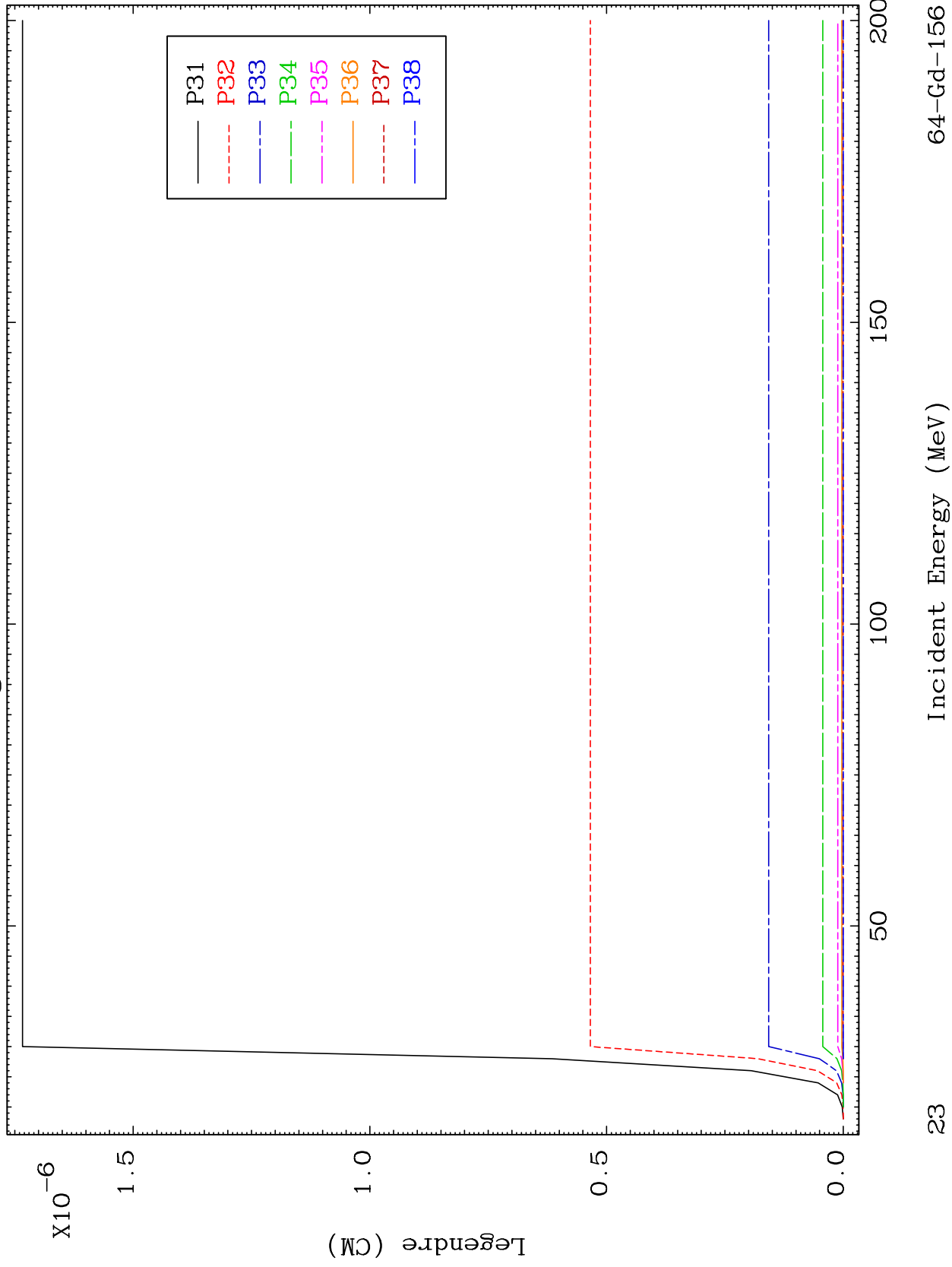


22

MAT 6437

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

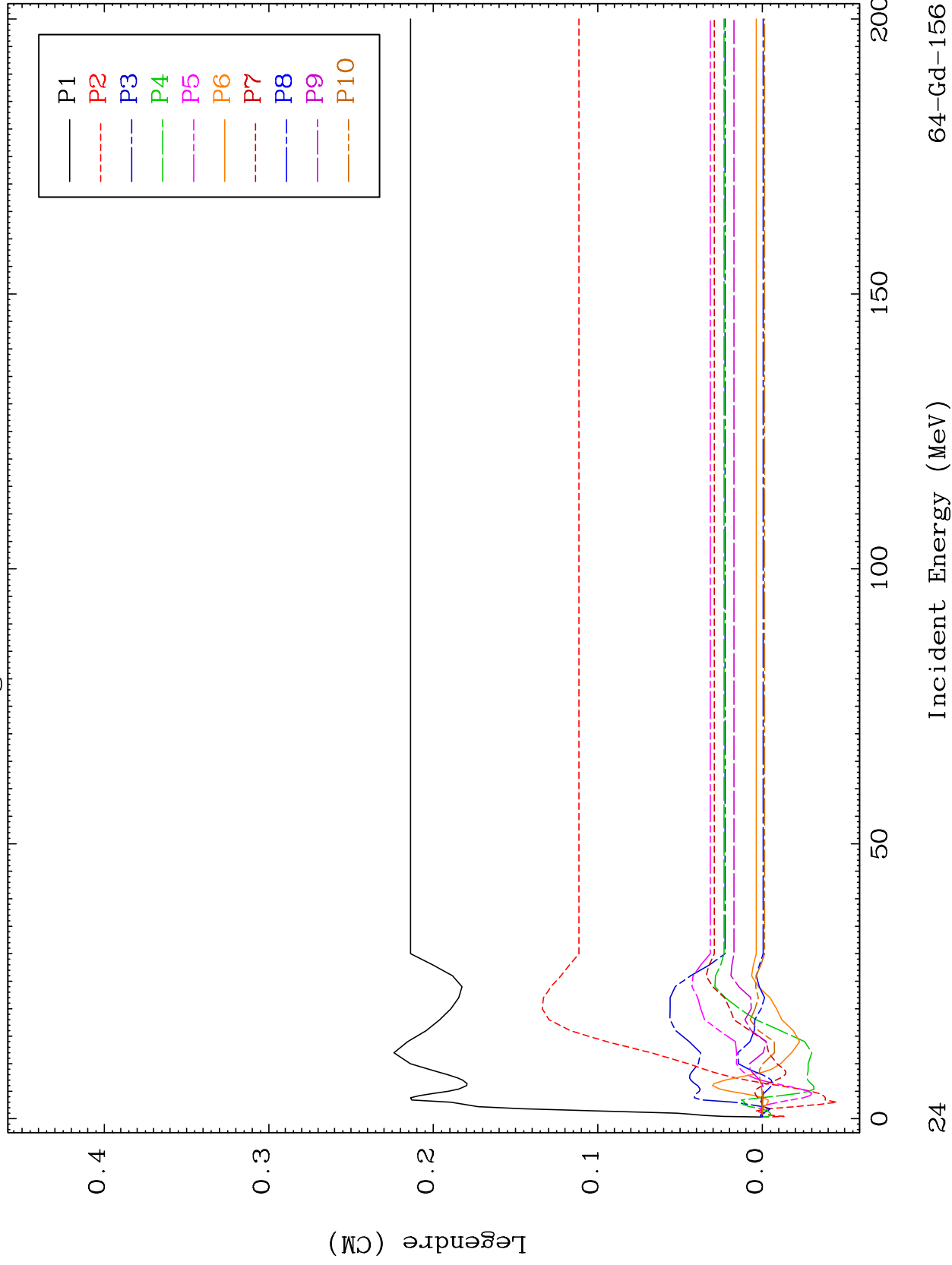
64-Gd-156



MAT 6437

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

64-Gd-156



64-Gd-156

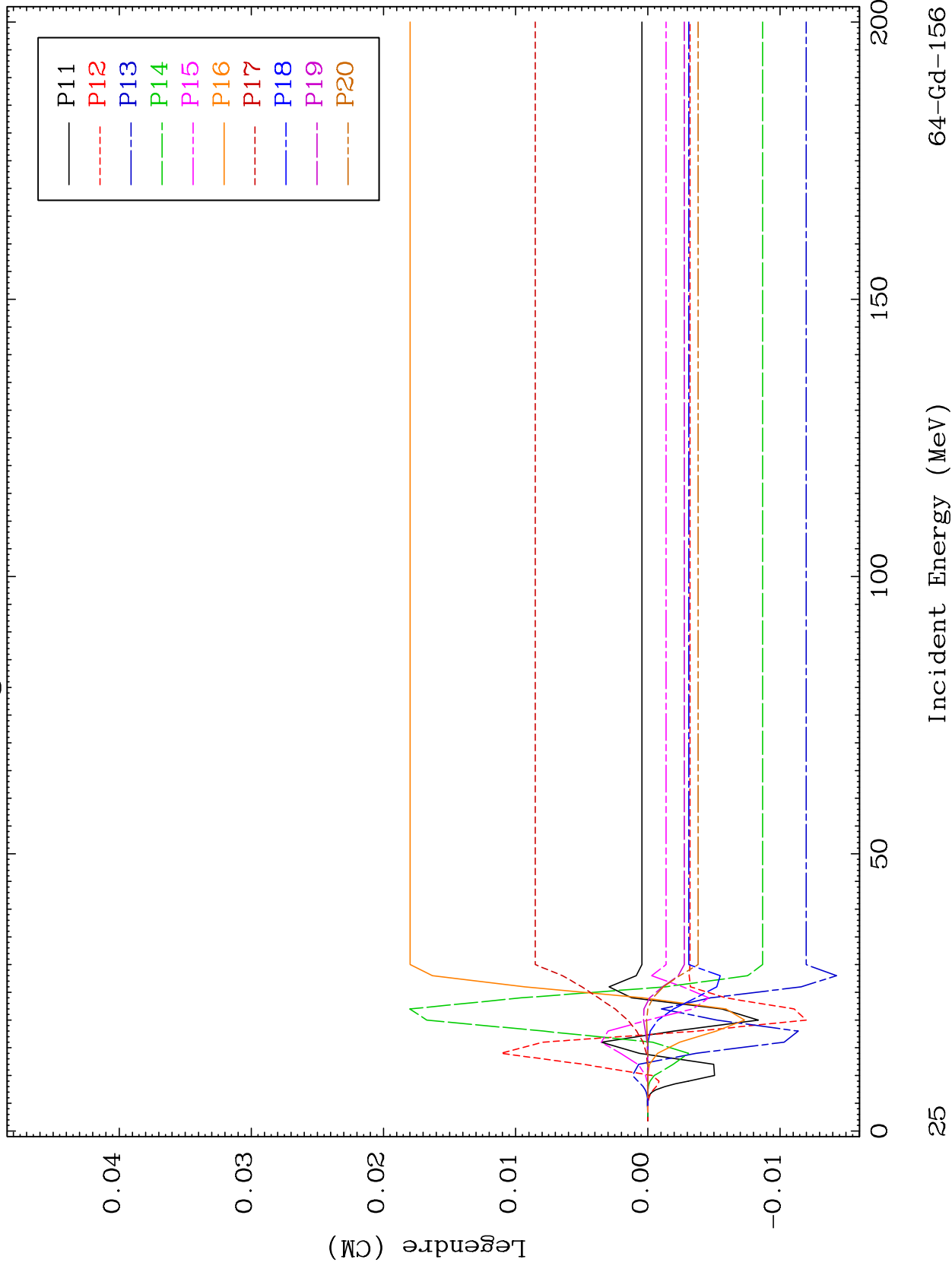
Incident Energy (MeV)

24

MAT 6437

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

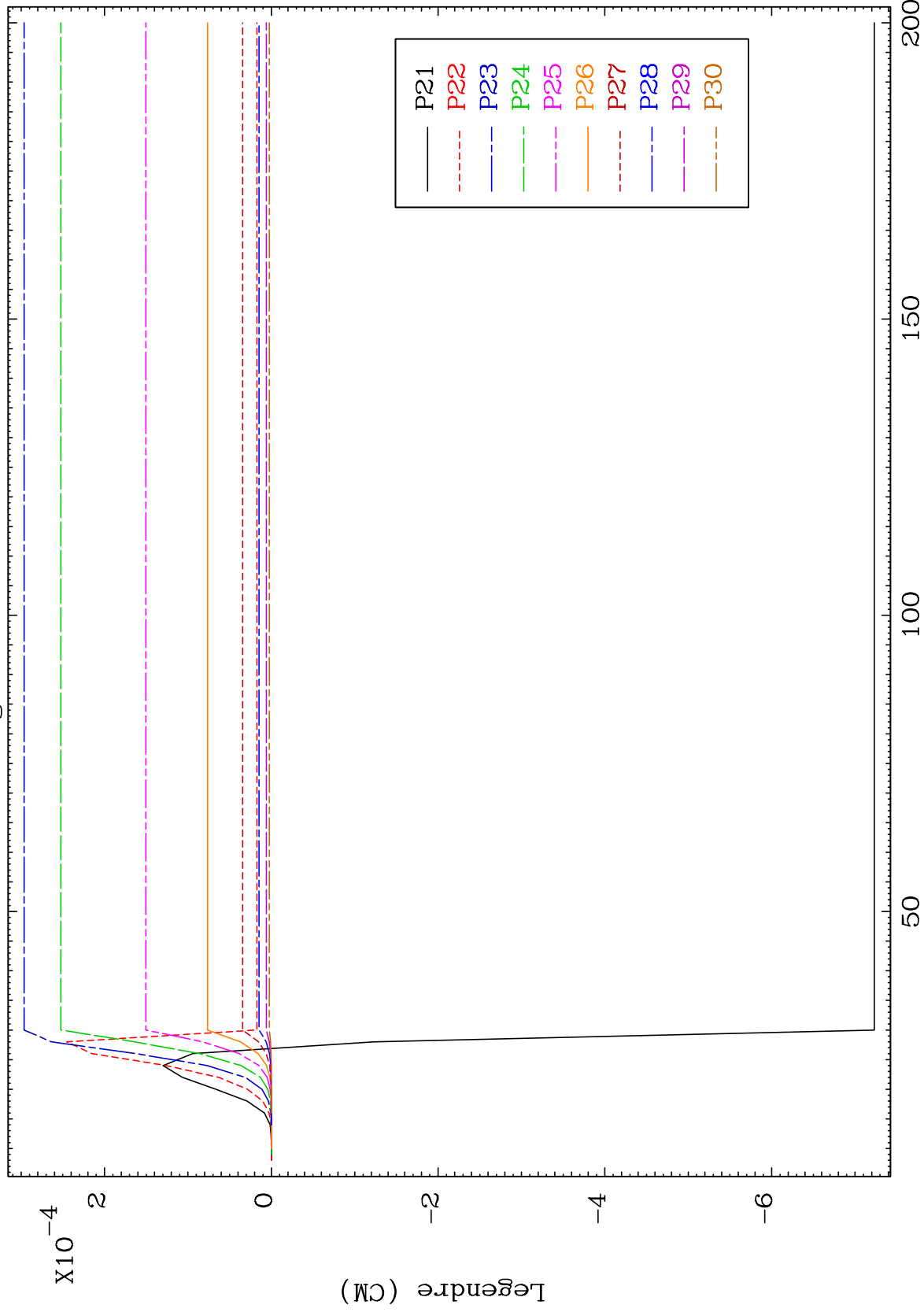
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MAT 6437

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

64-Gd-156



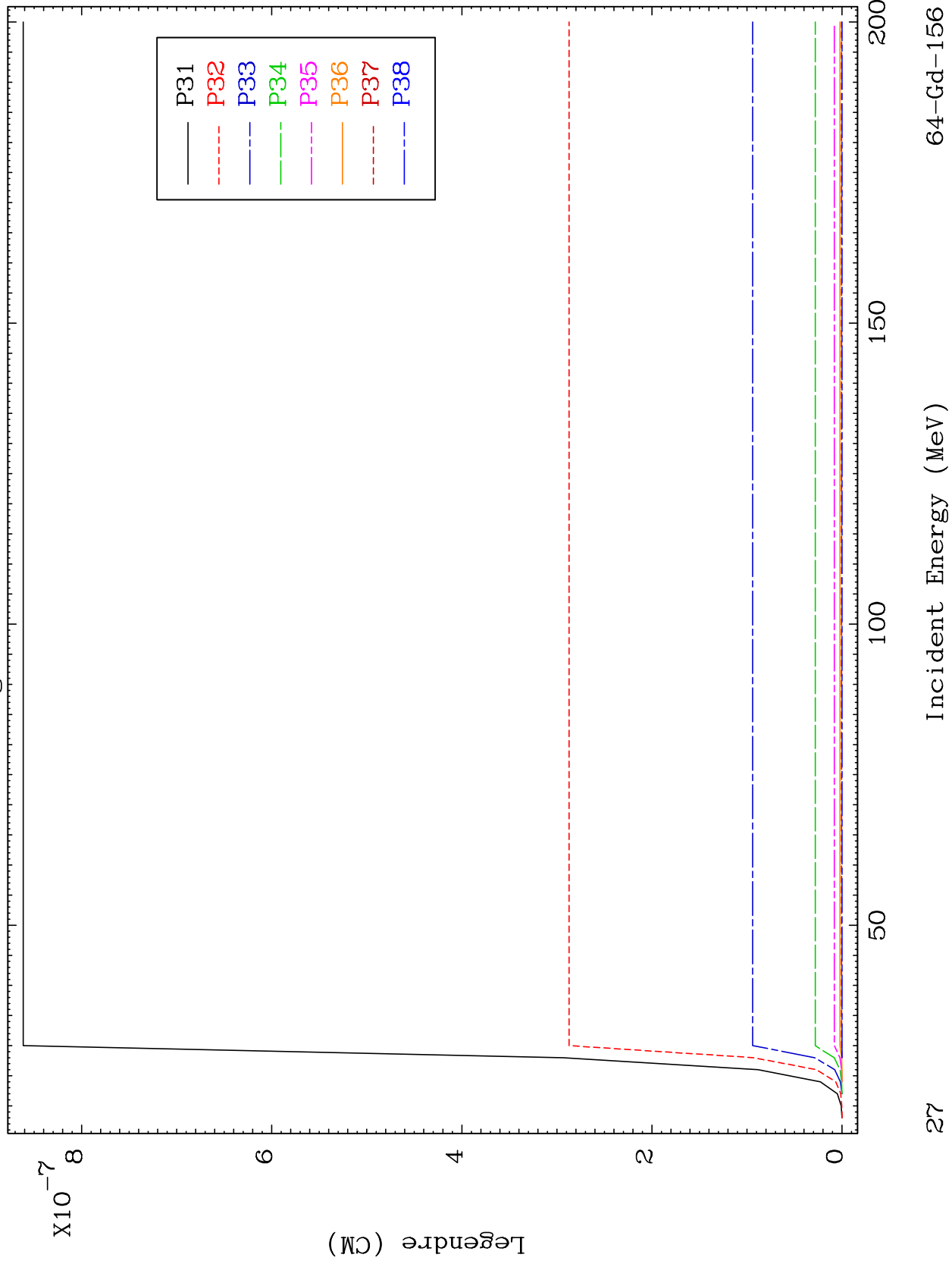
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64-Gd-156

MAT 6437

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

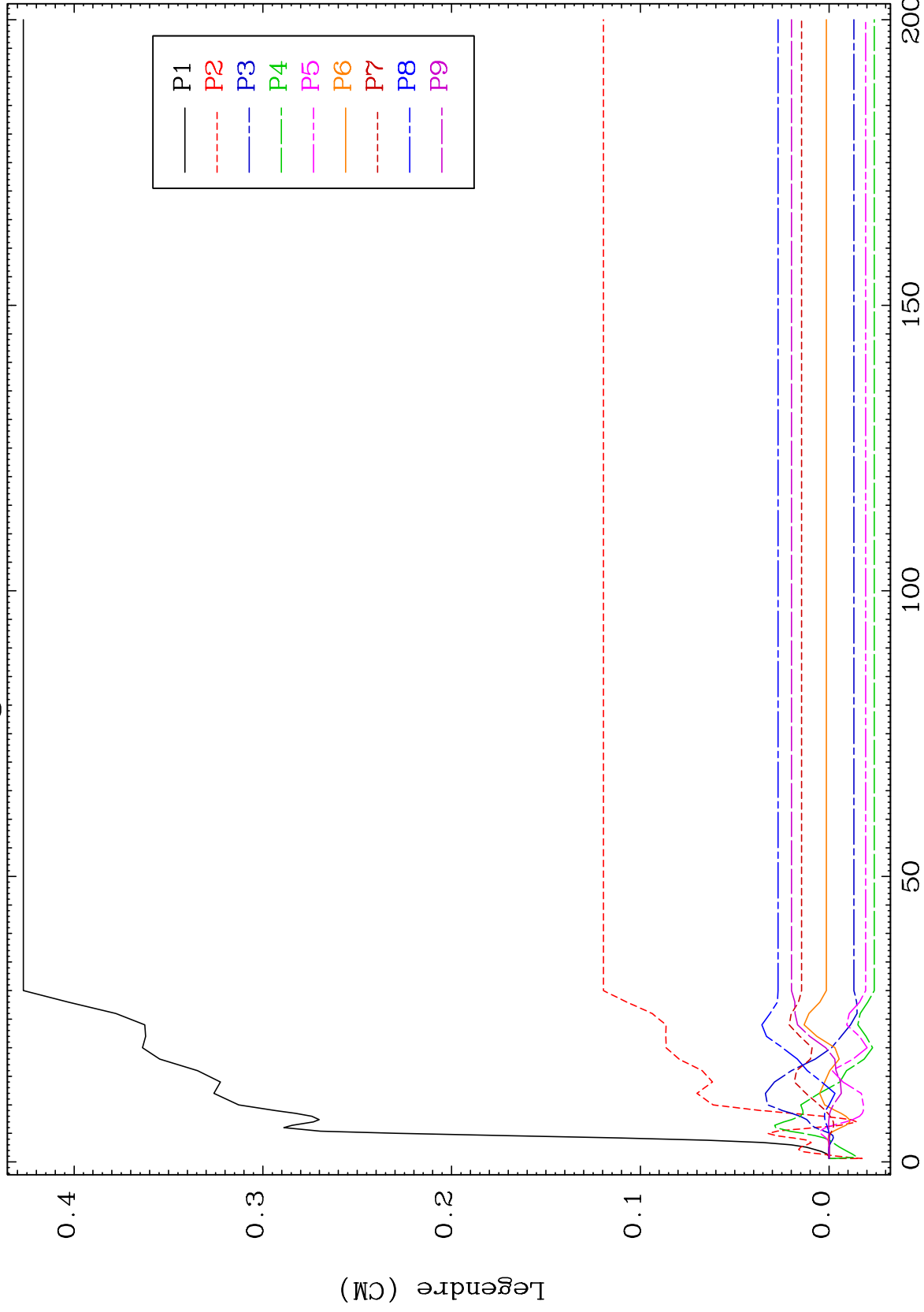
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MAT 6437

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

64-Gd-156



64-Gd-156

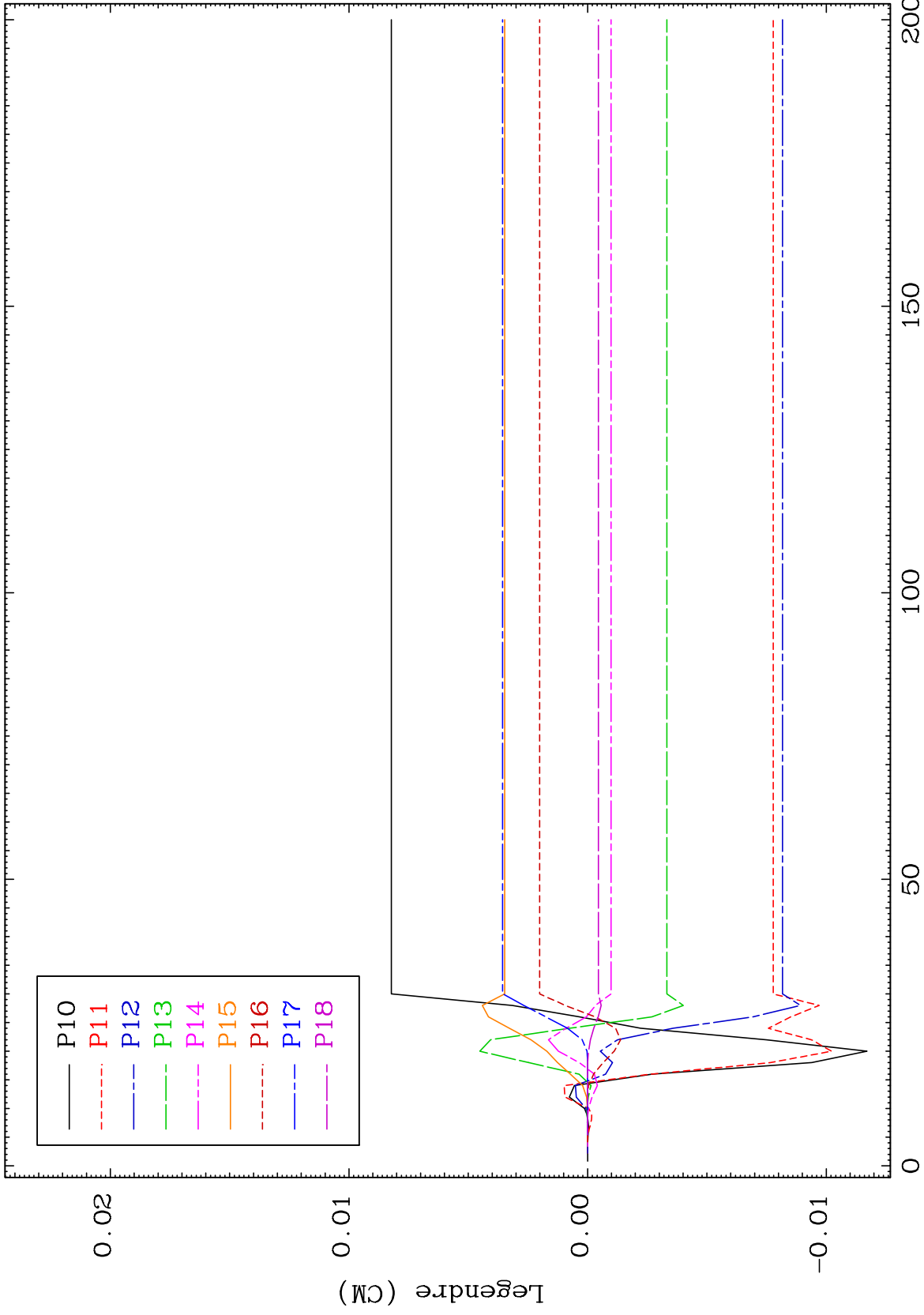
Incident Energy (MeV)

28

MAT 6437

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

64-Gd-156



29

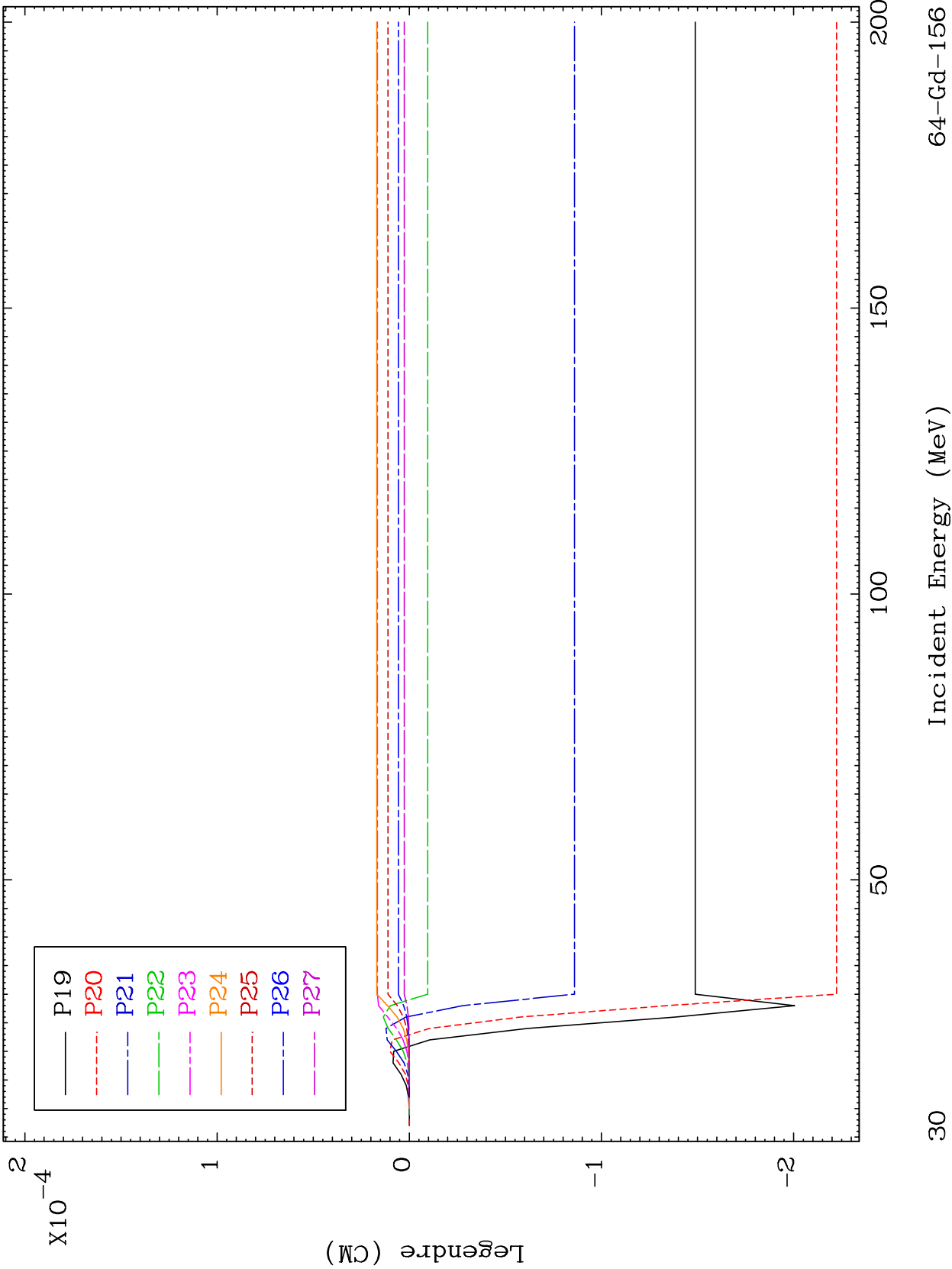
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



30

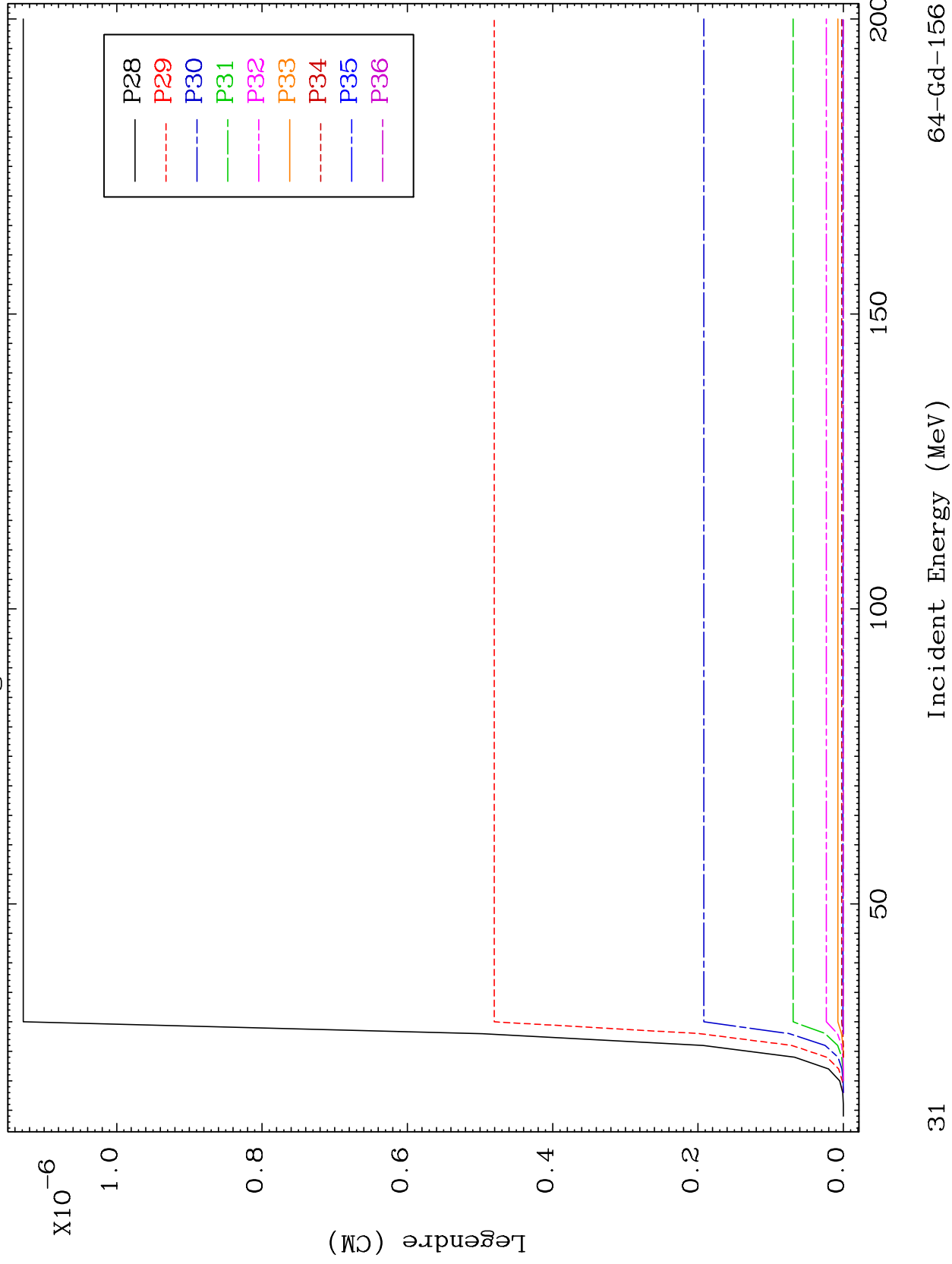
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156

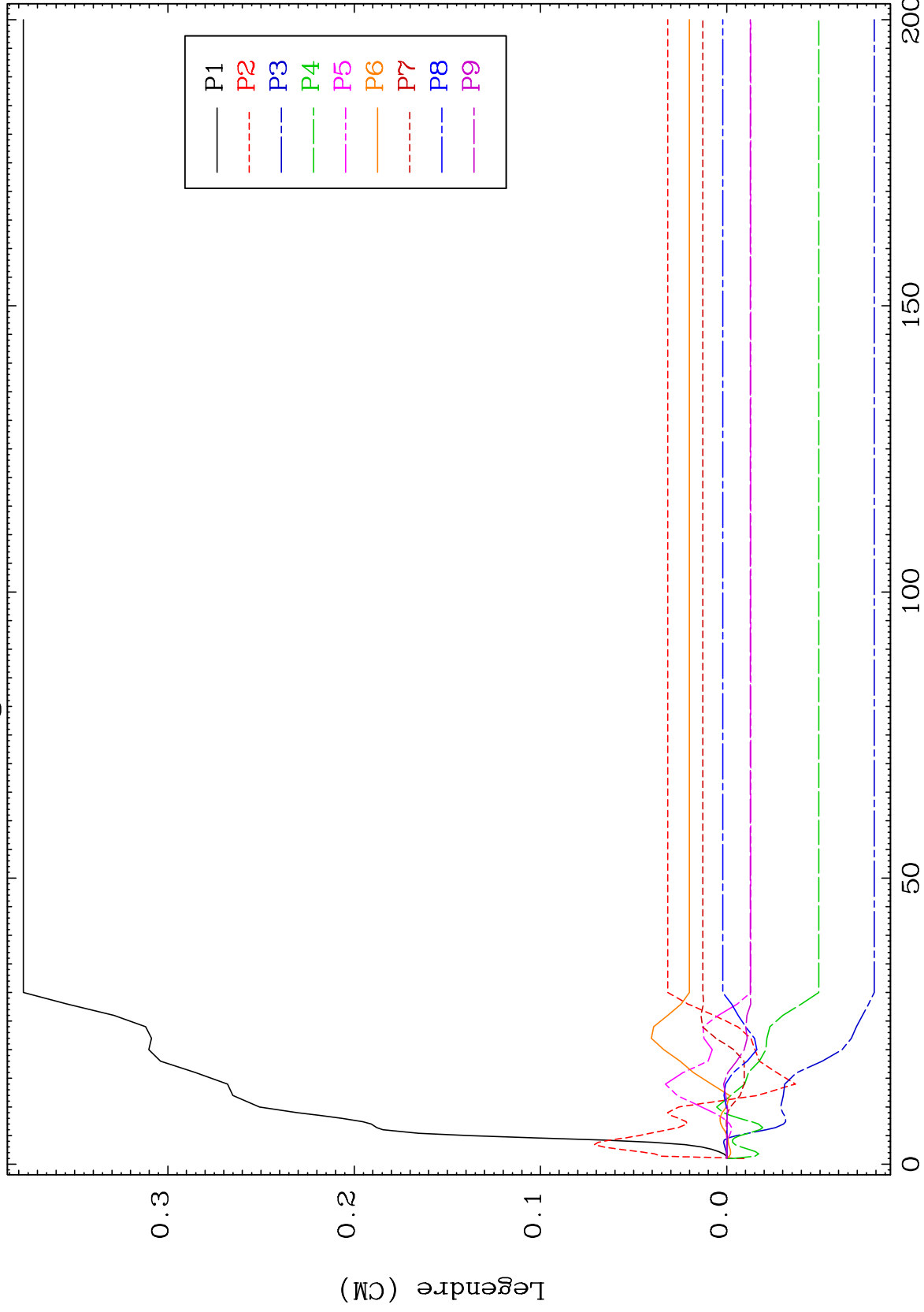


31

MAT 6437

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

64-Gd-156



64-Gd-156

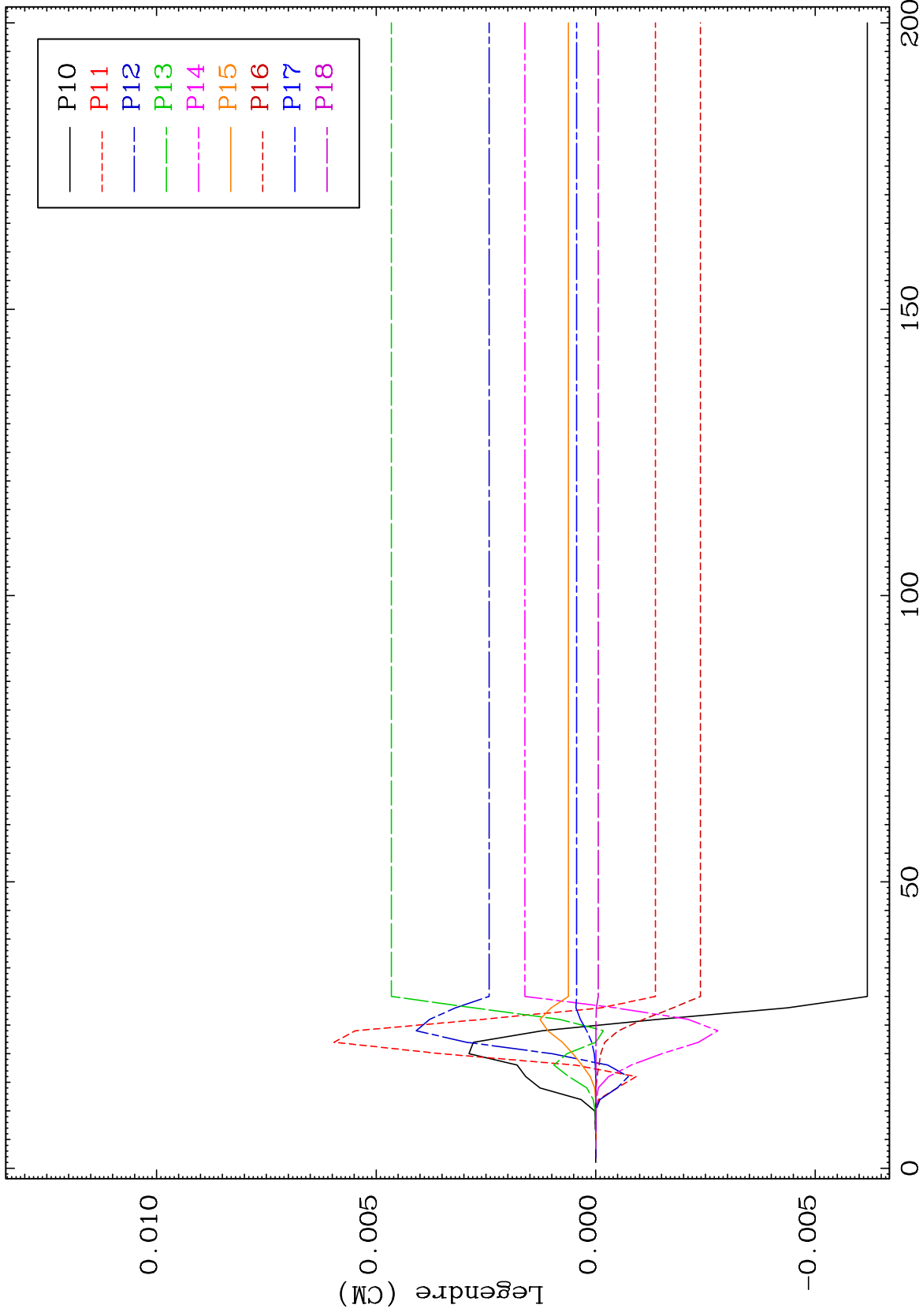
Incident Energy (MeV)

32

MAT 6437

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

64-Gd-156



33

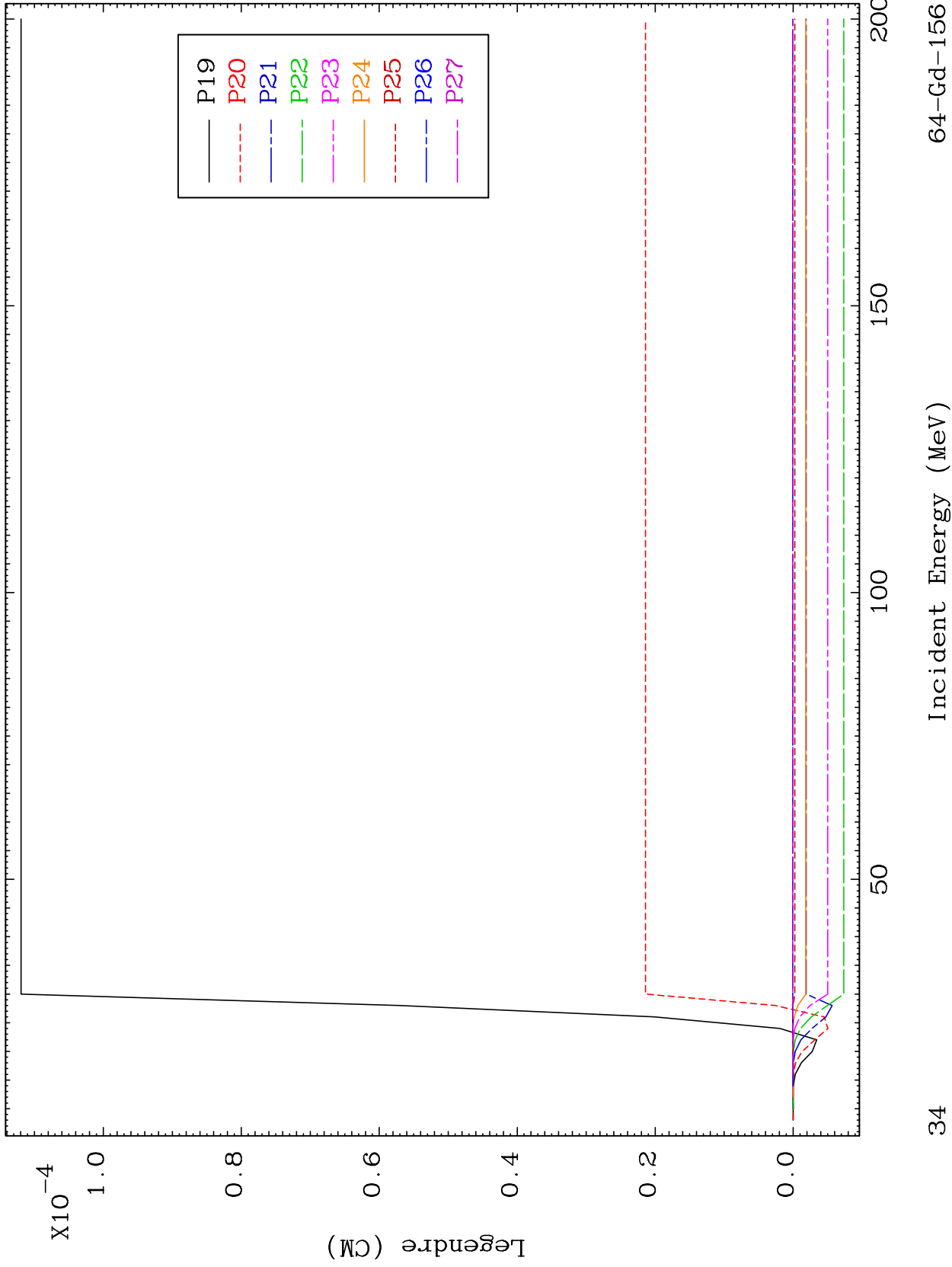
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



34

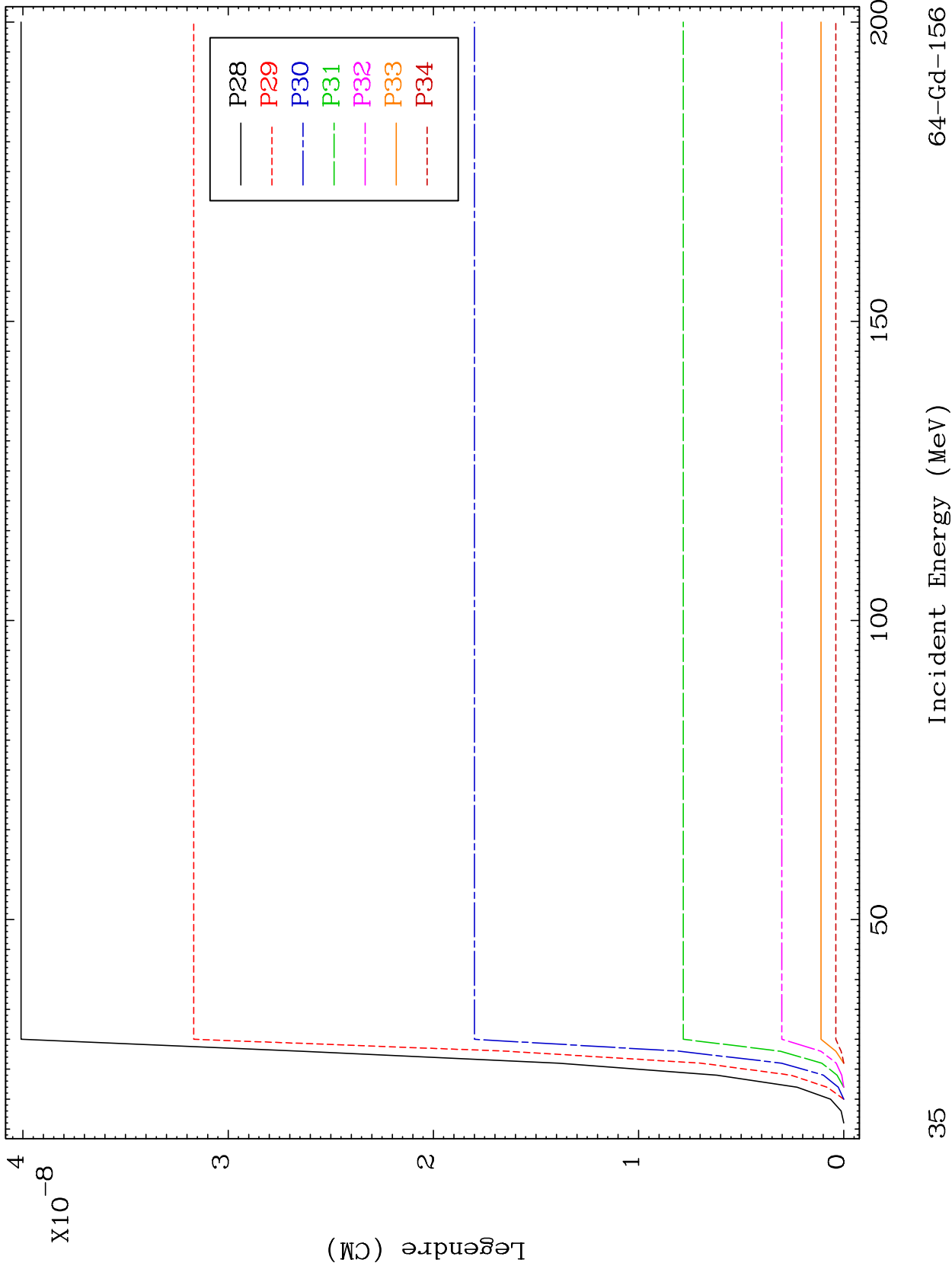
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



35

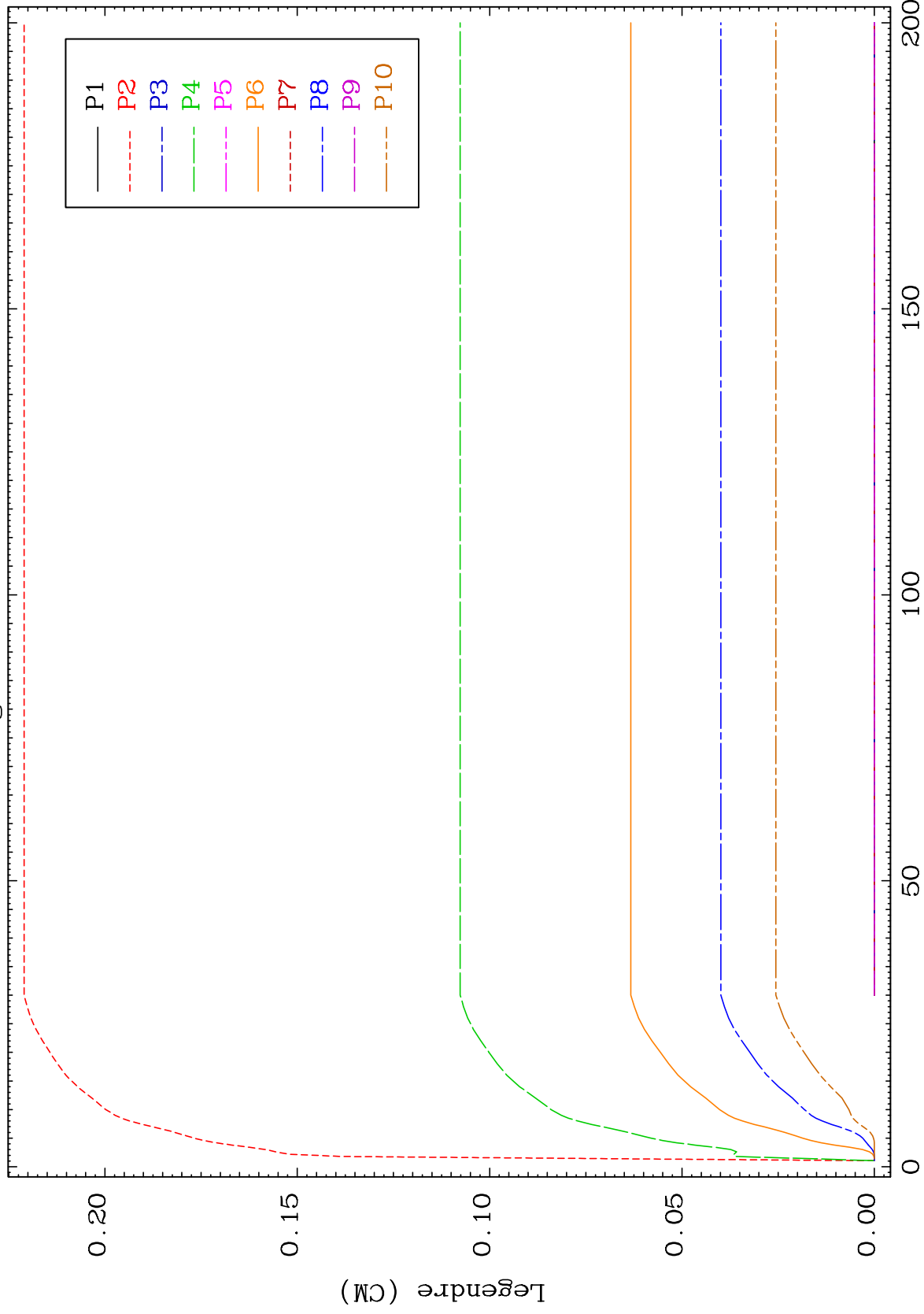
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

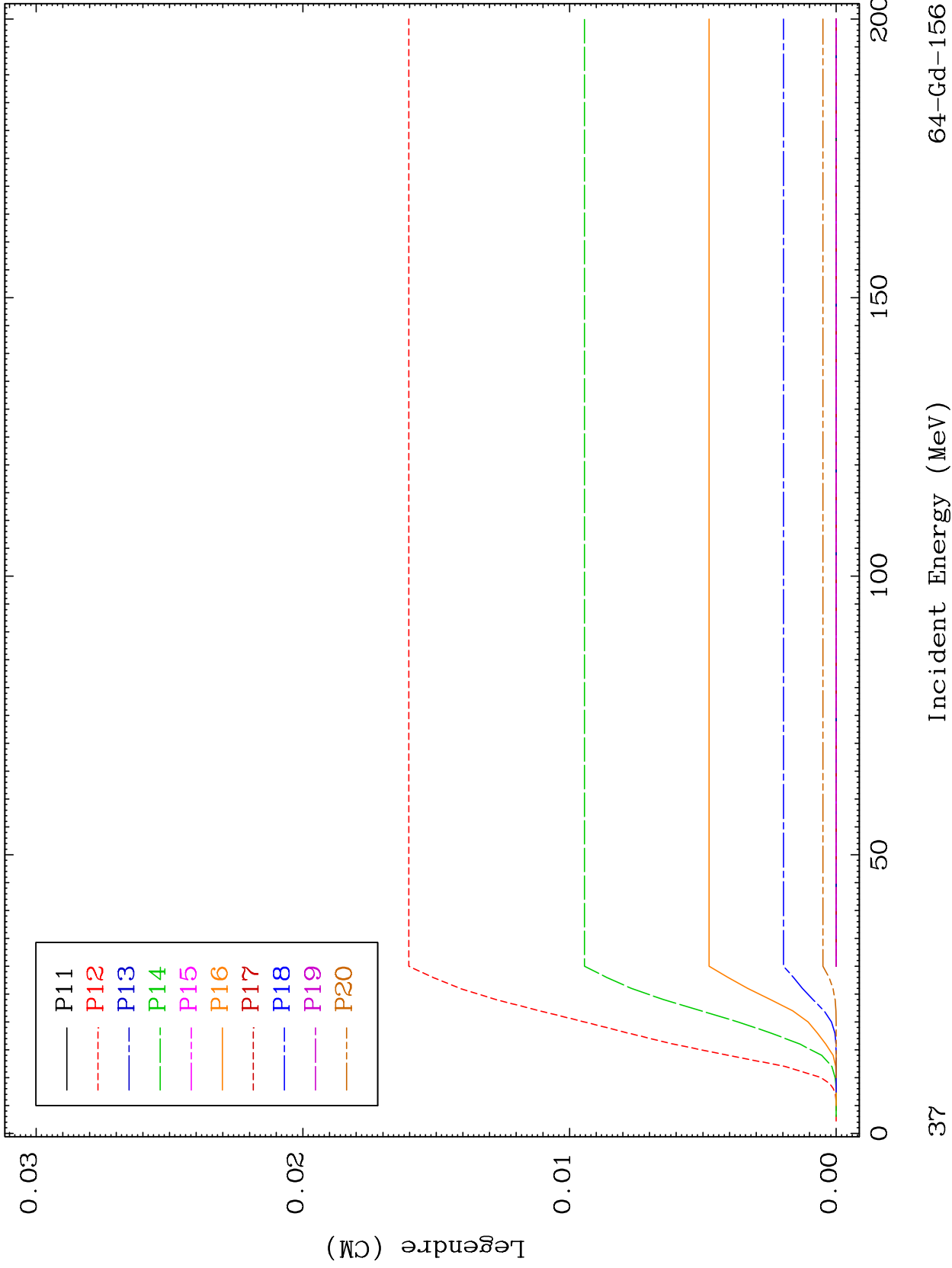
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MAT 6437

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

64-Gd-156



37

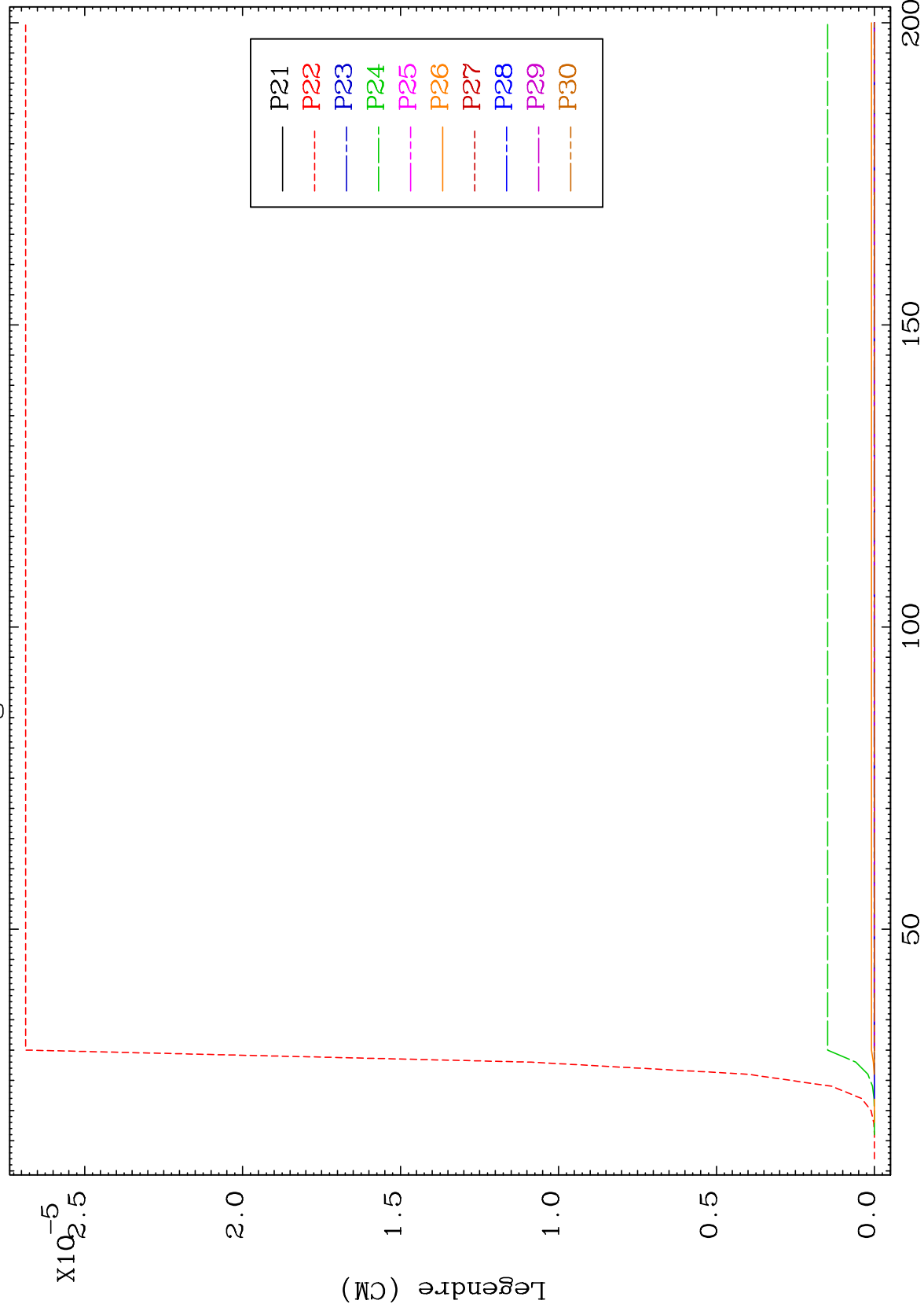
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



38

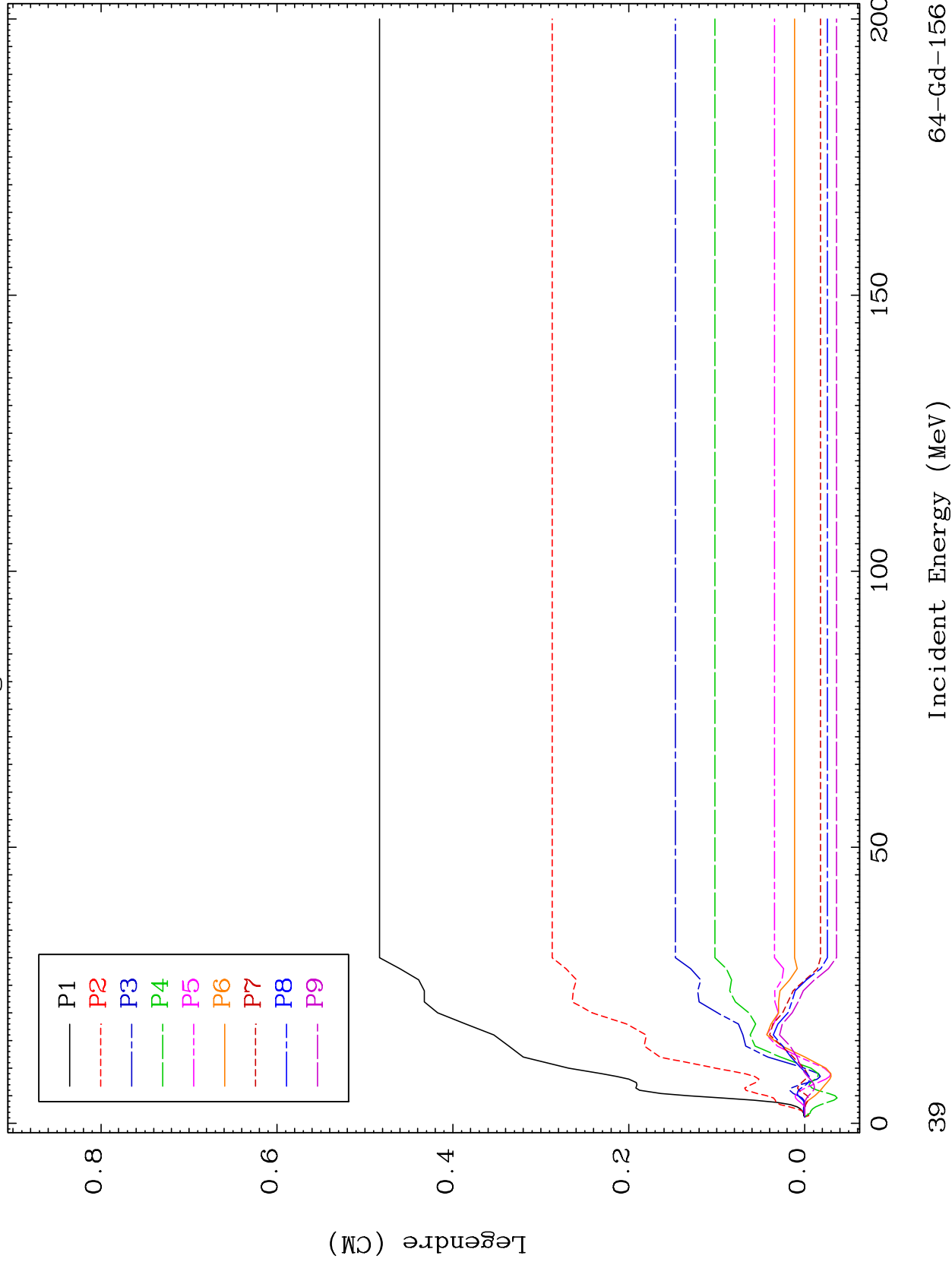
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



39

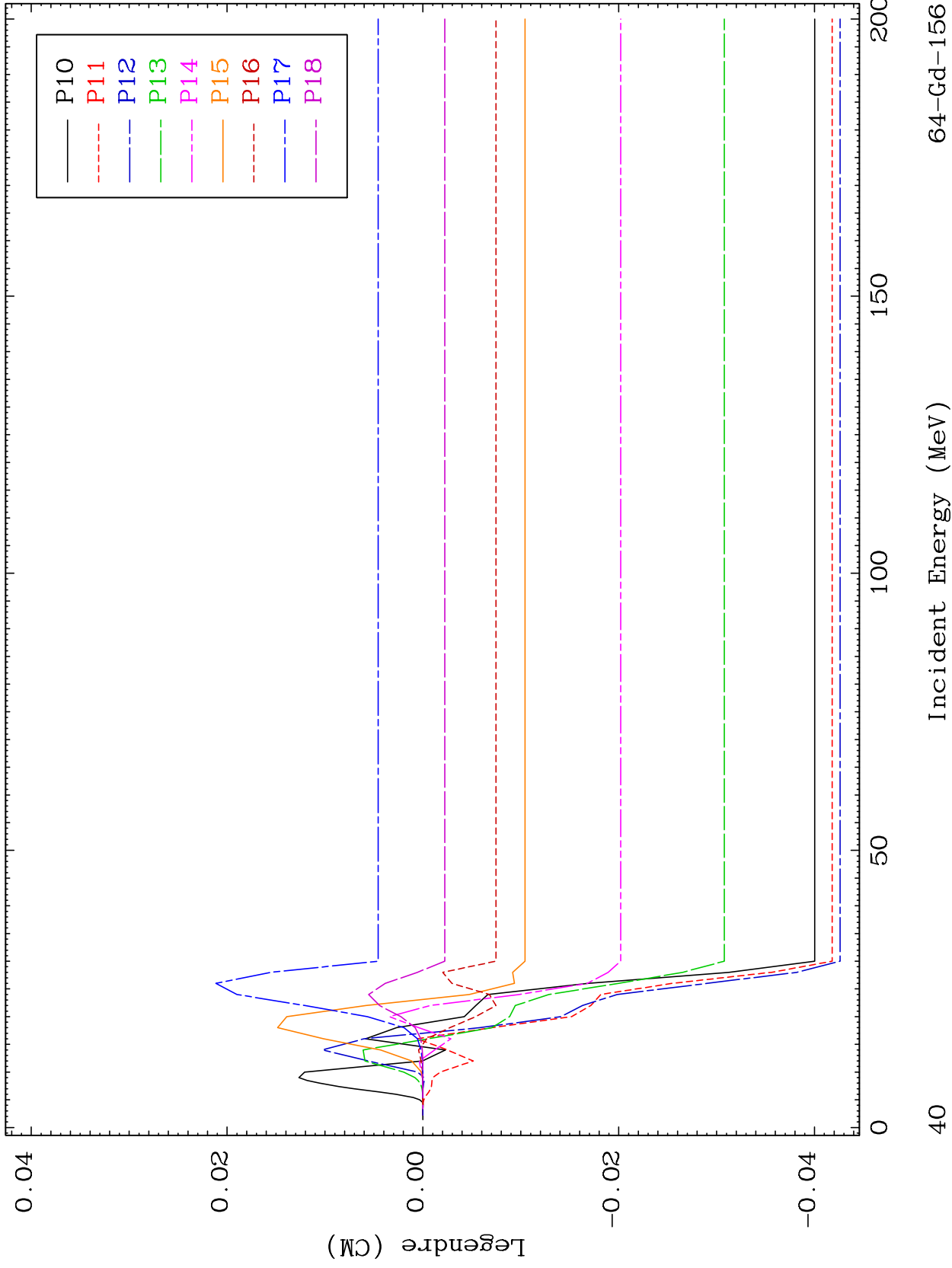
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

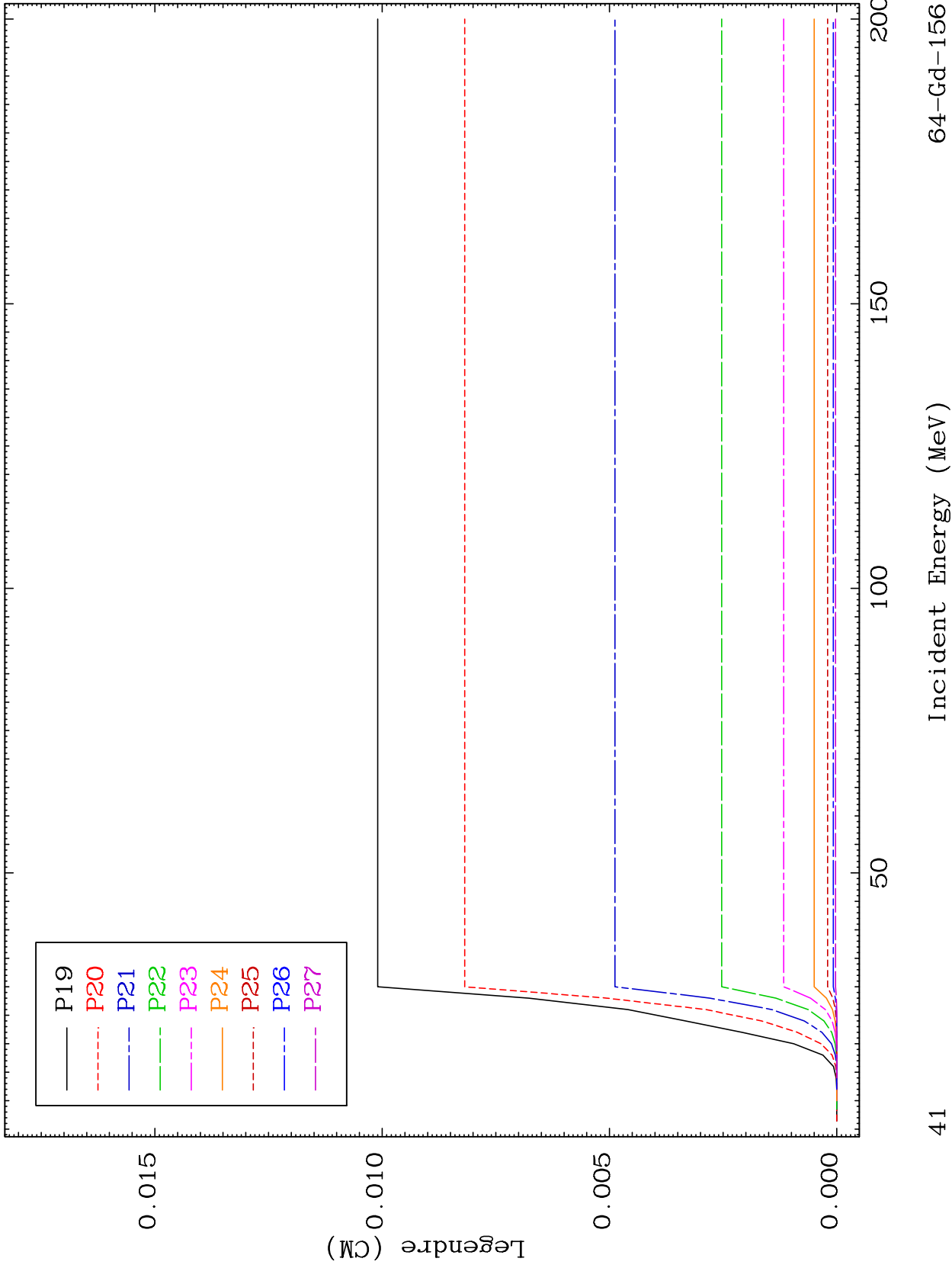
Incident Energy (MeV)

40

MAT 6437

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

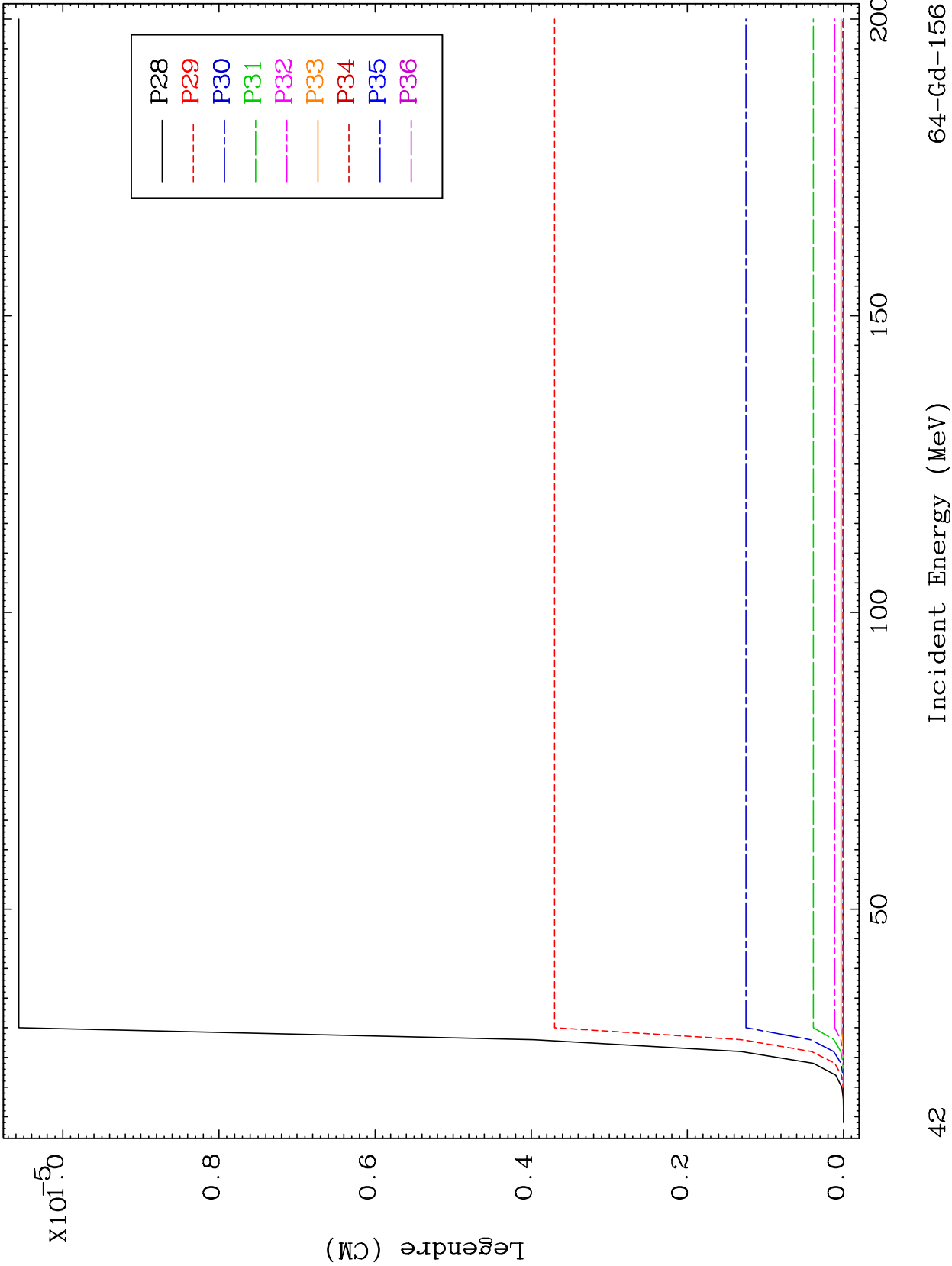
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MAT 6437

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

64-Gd-156



42

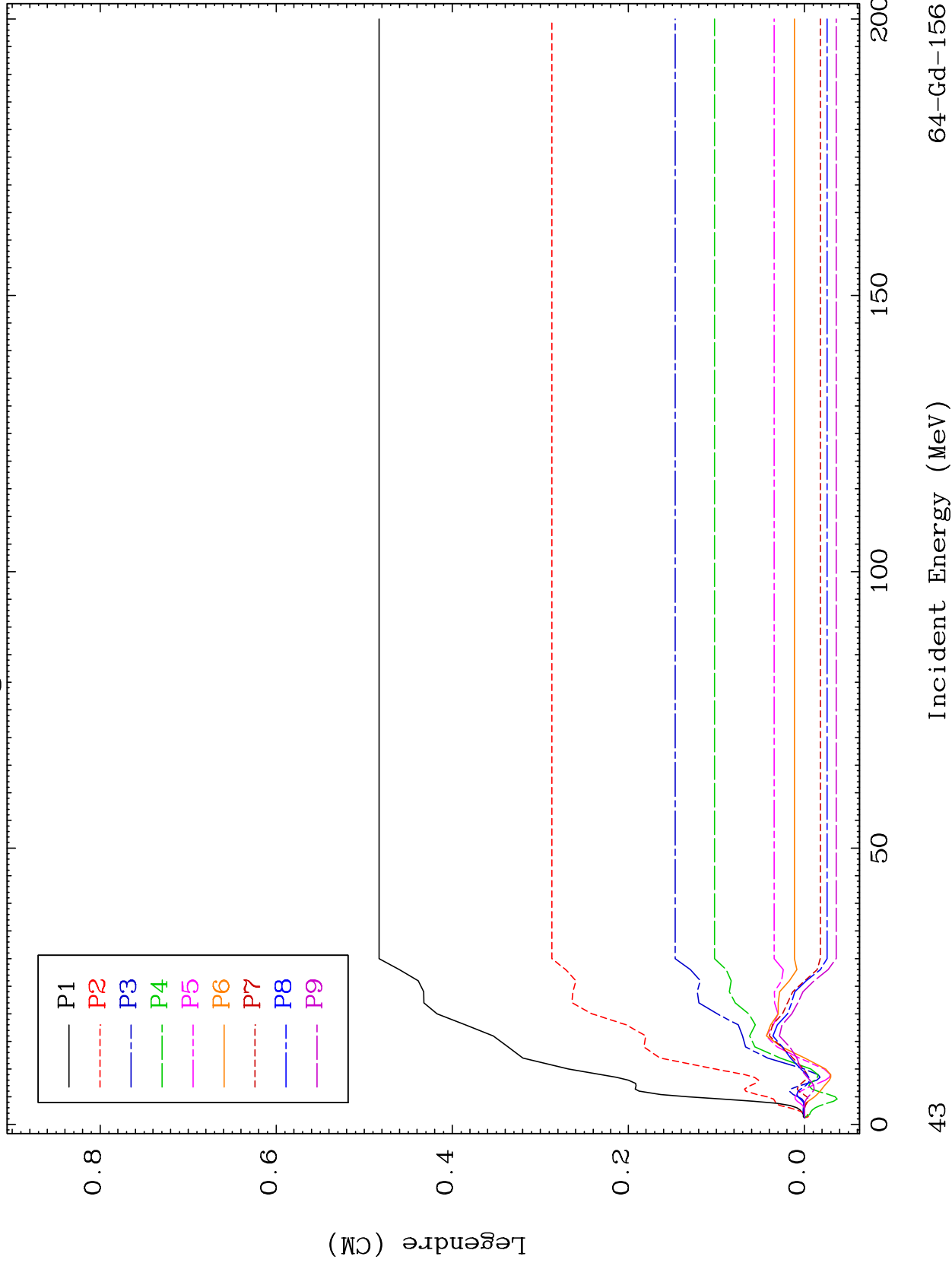
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

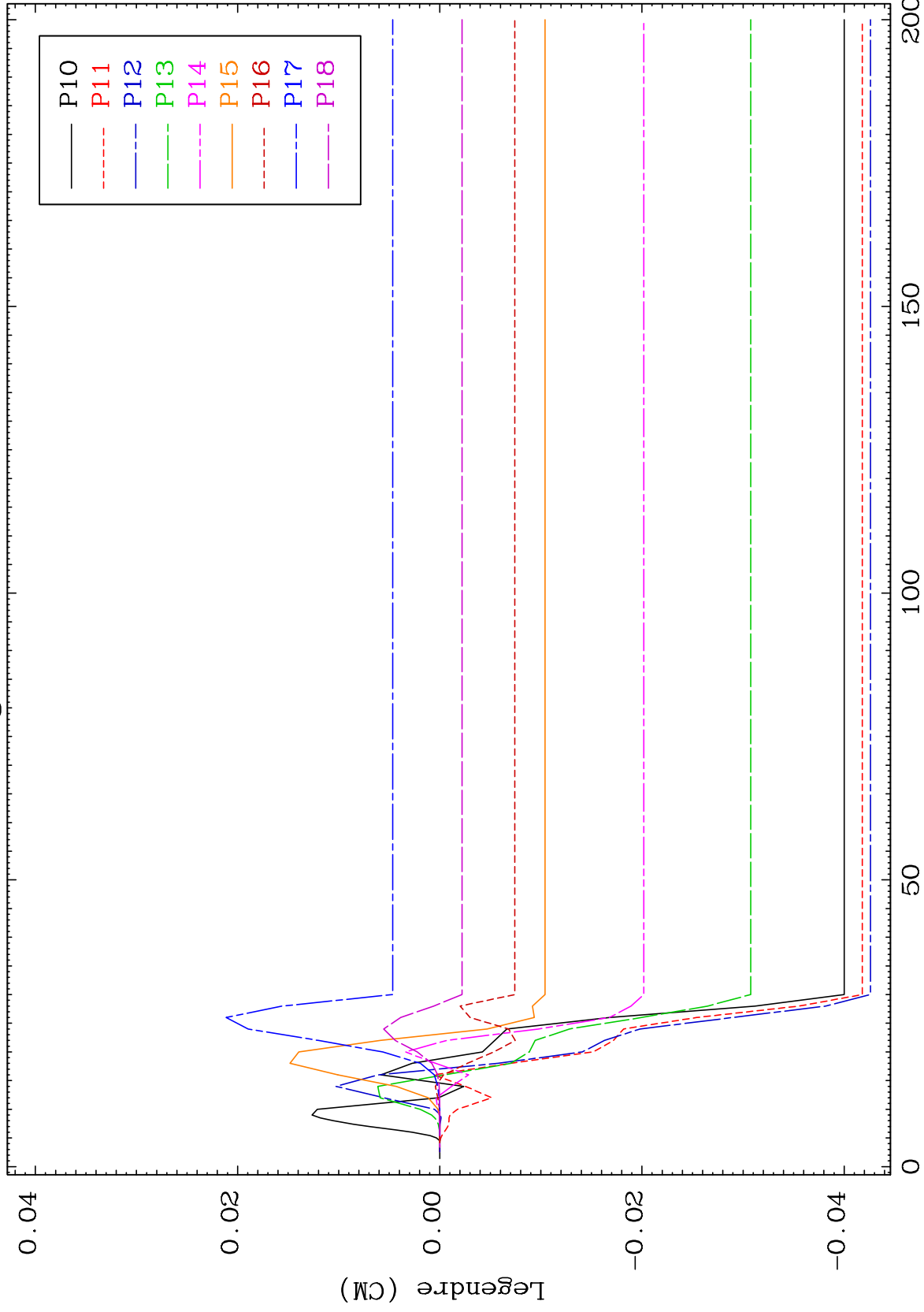
Incident Energy (MeV)

43

MAT 6437

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

64-Gd-156



44

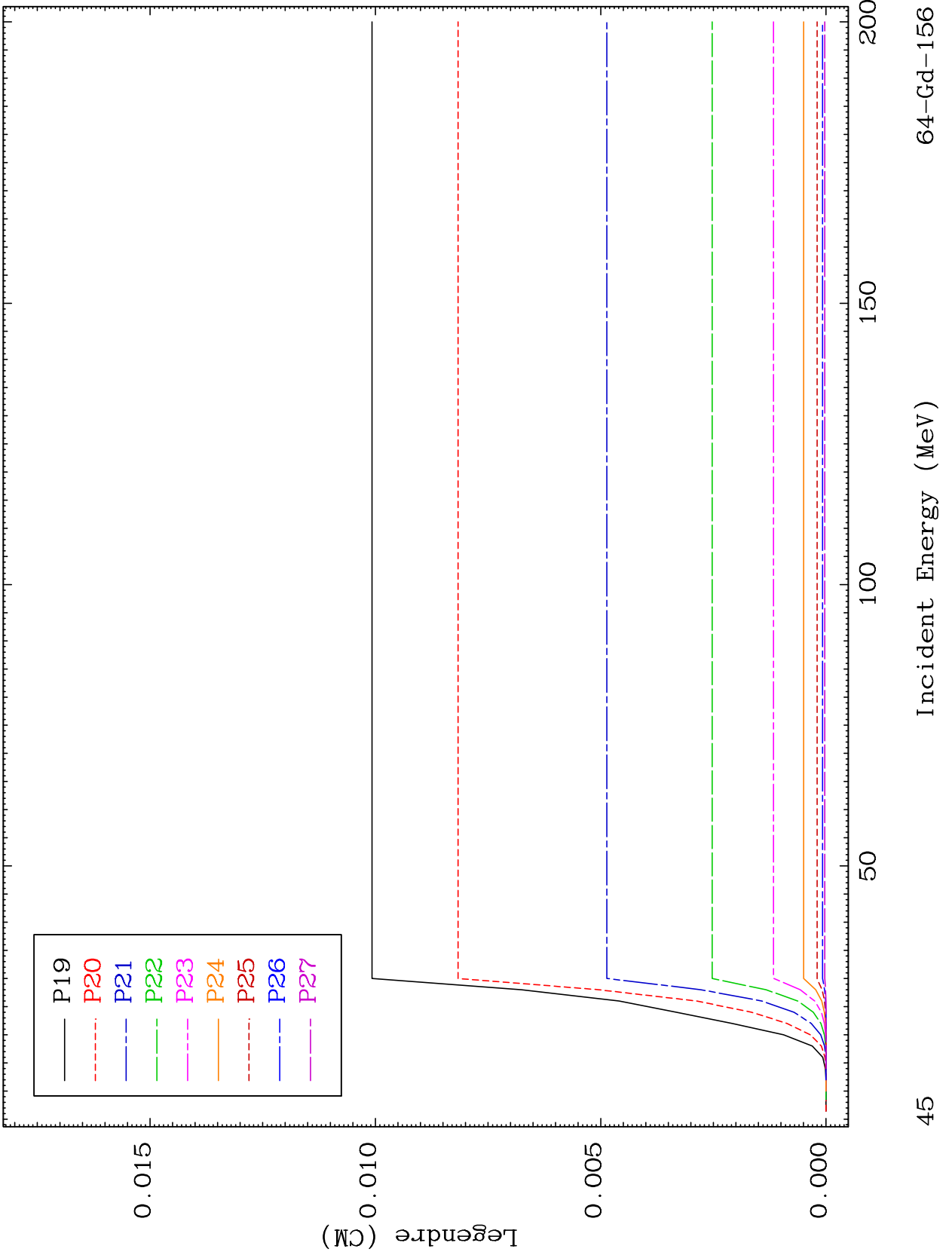
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



45

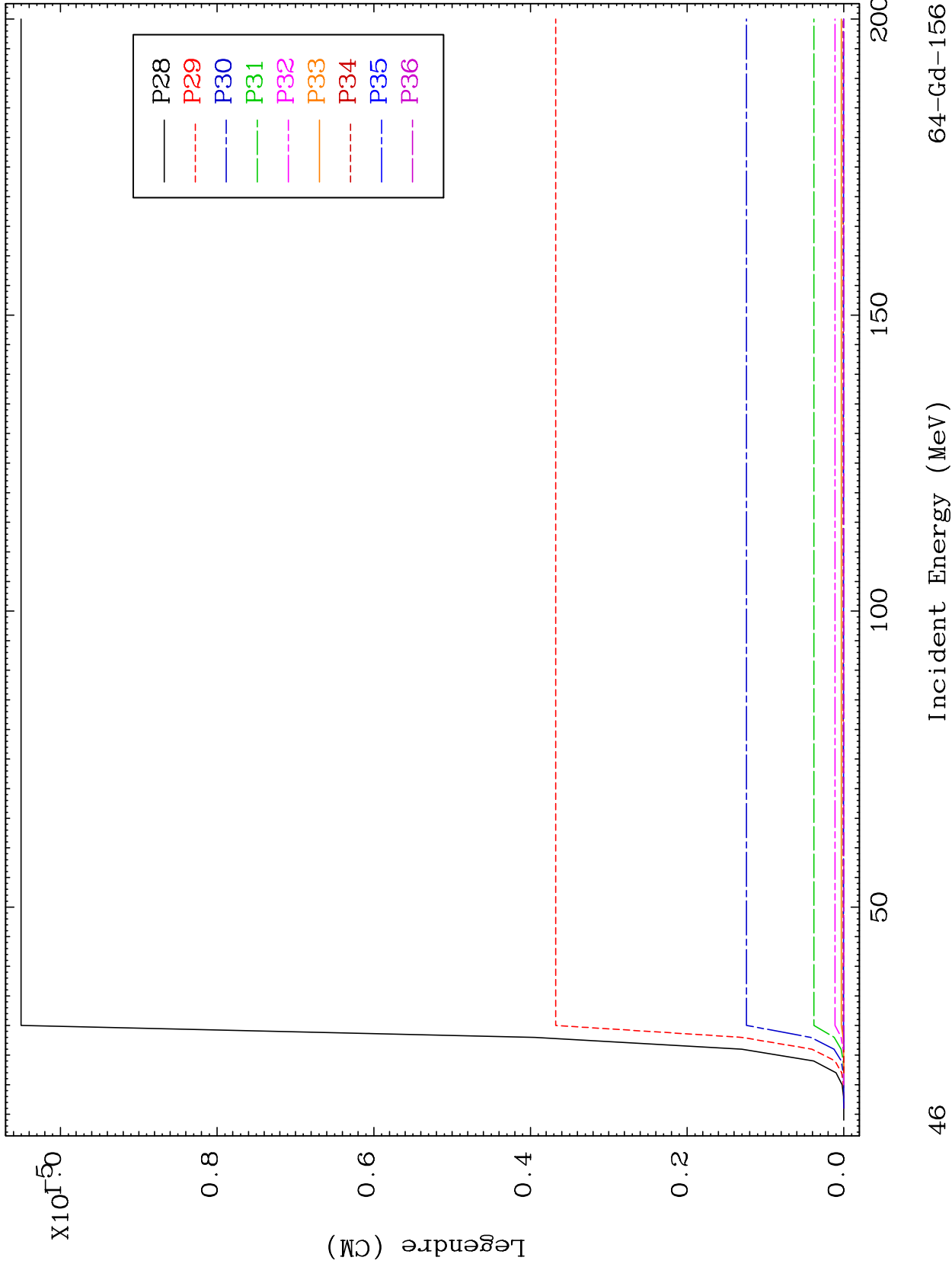
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



46

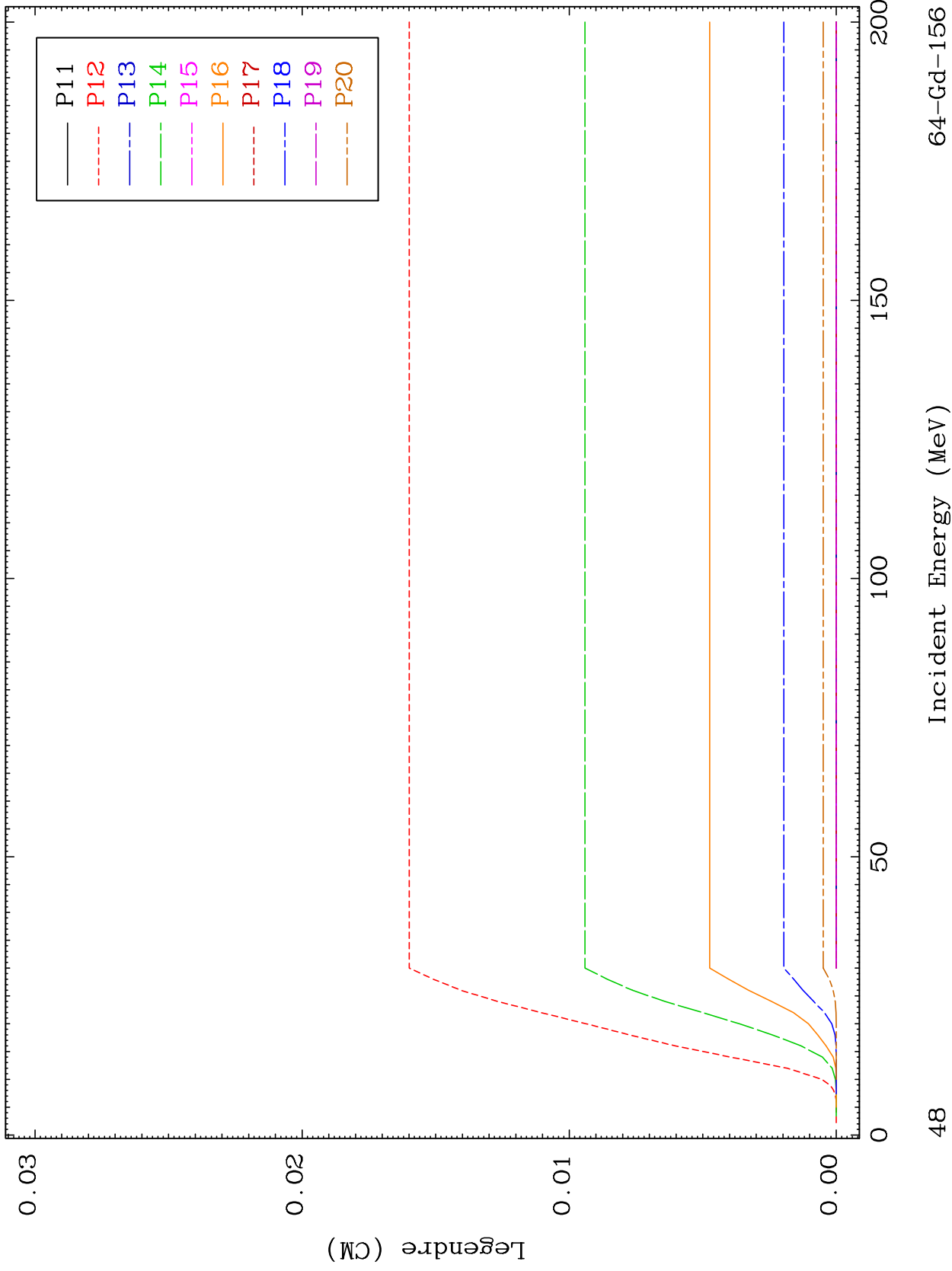
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

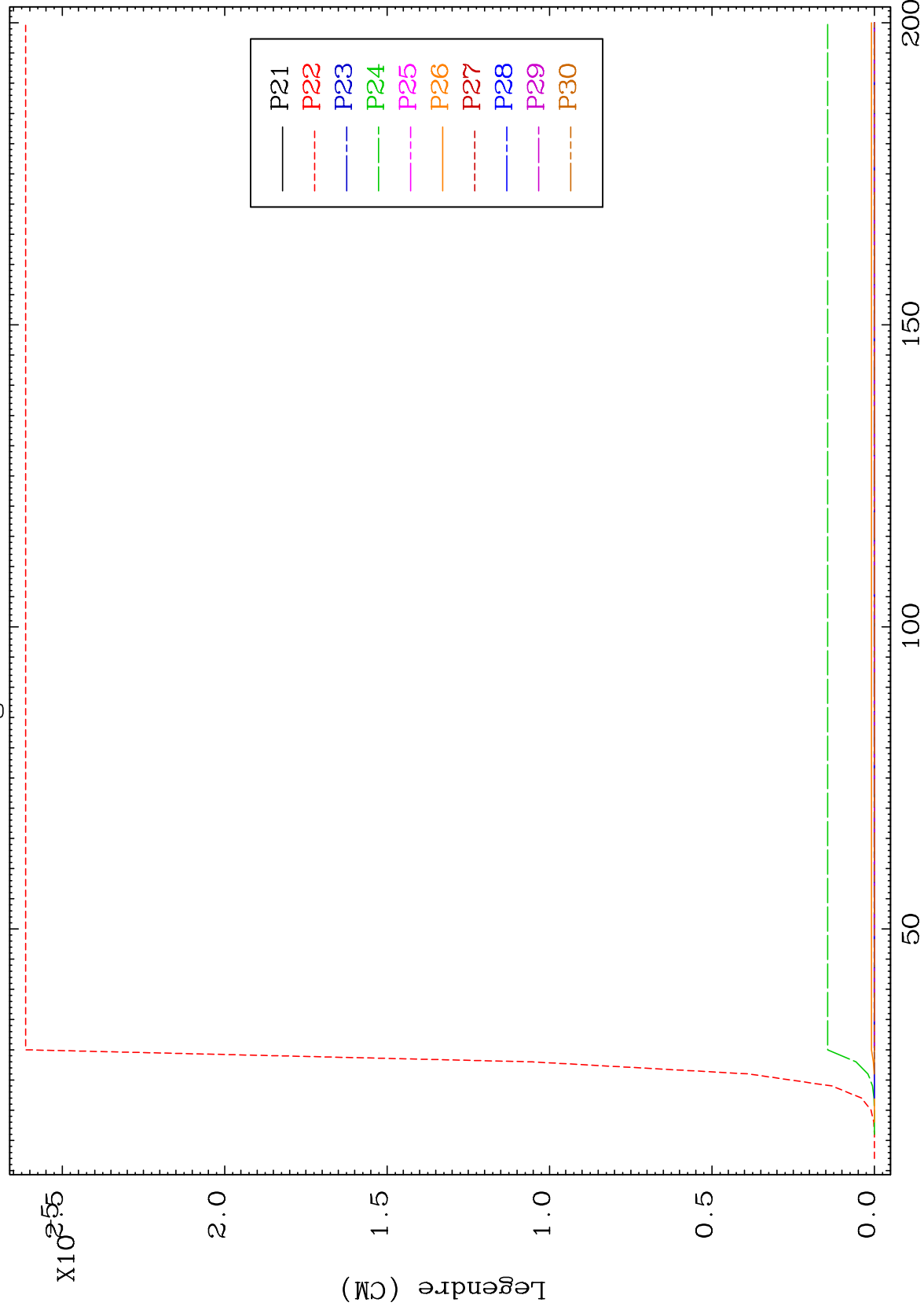
Incident Energy (MeV)

48

MAT 6437

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

64-Gd-156



49

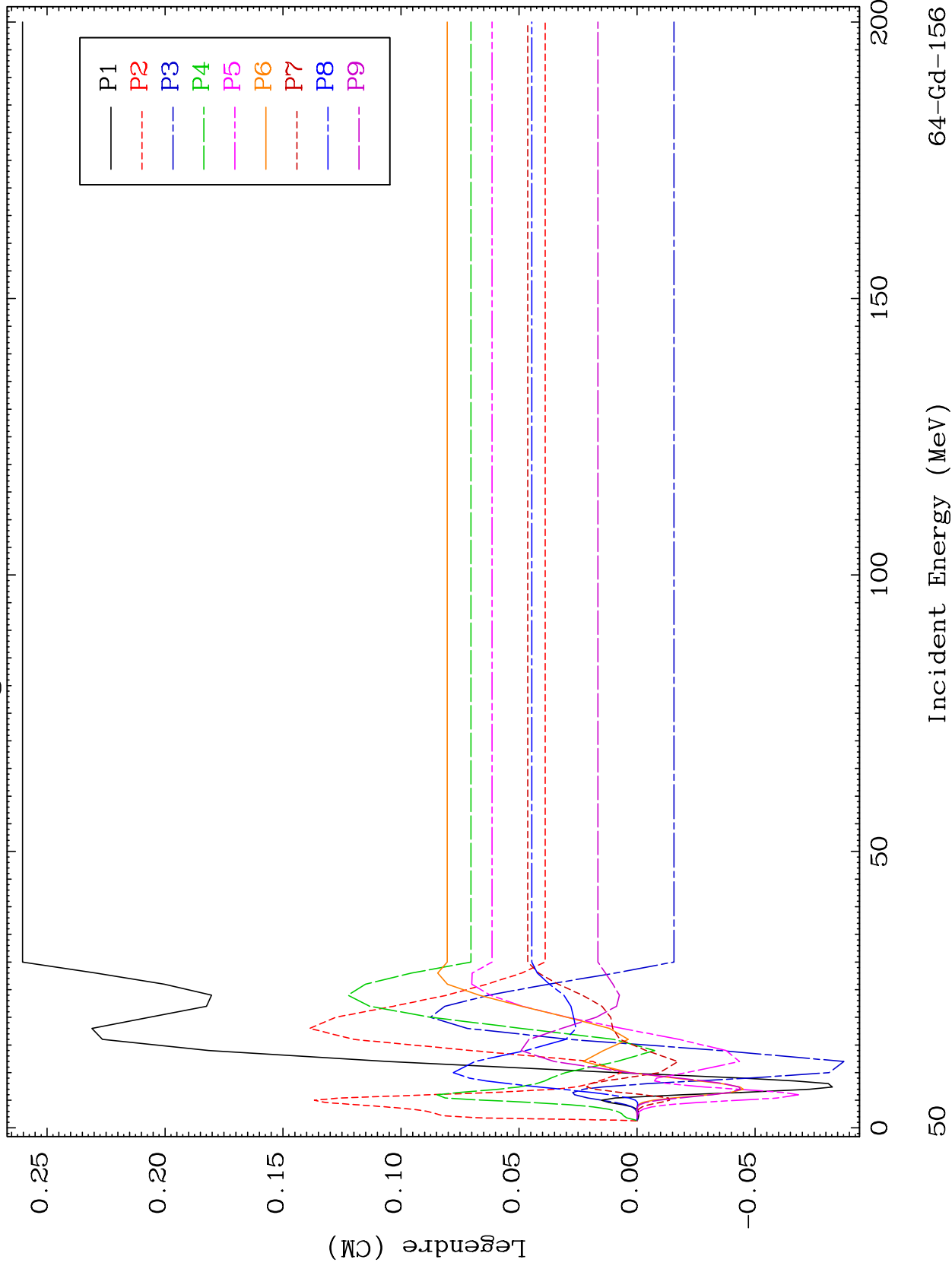
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

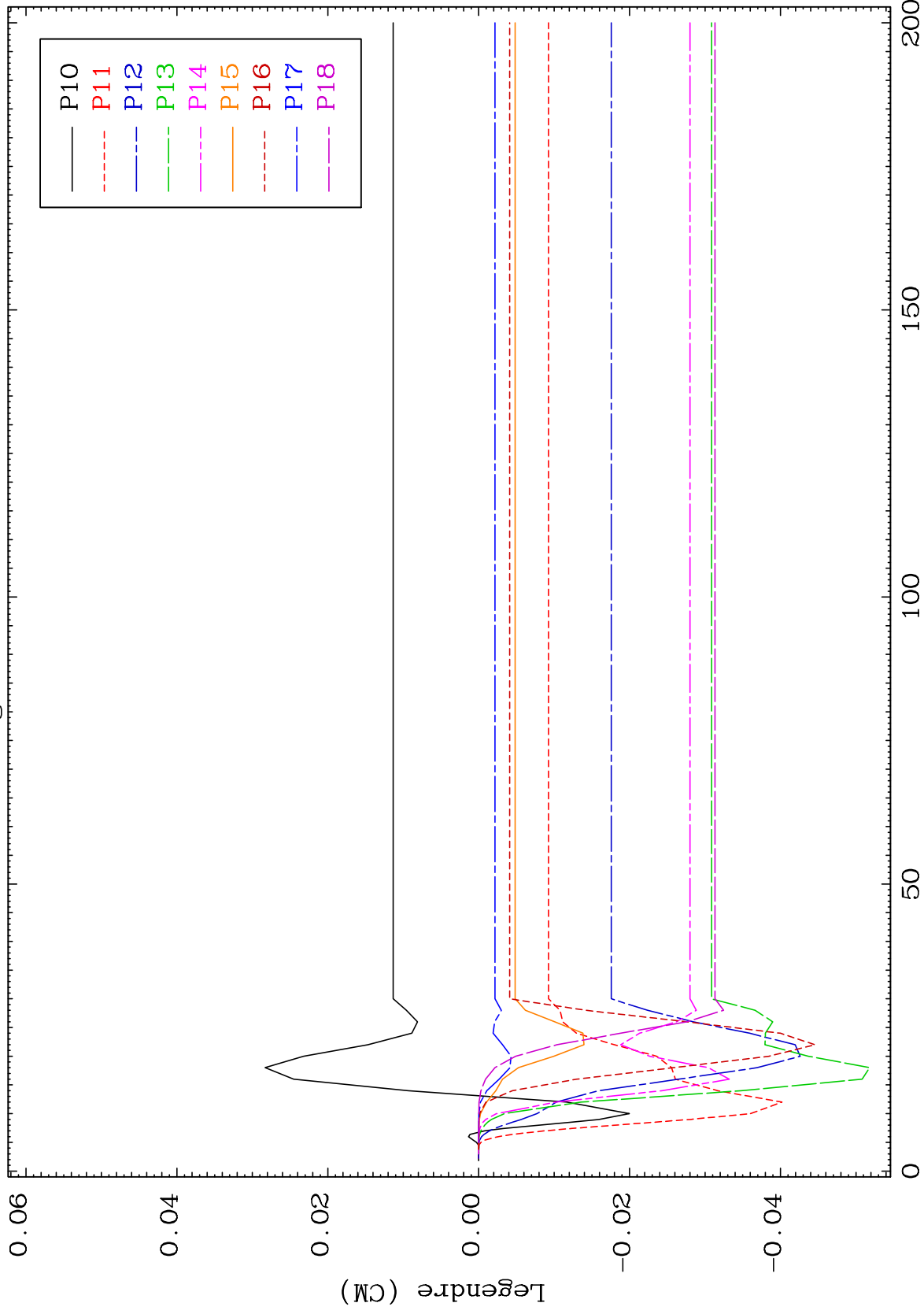
Incident Energy (MeV)

50

MAT 6437

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

64-Gd-156



51

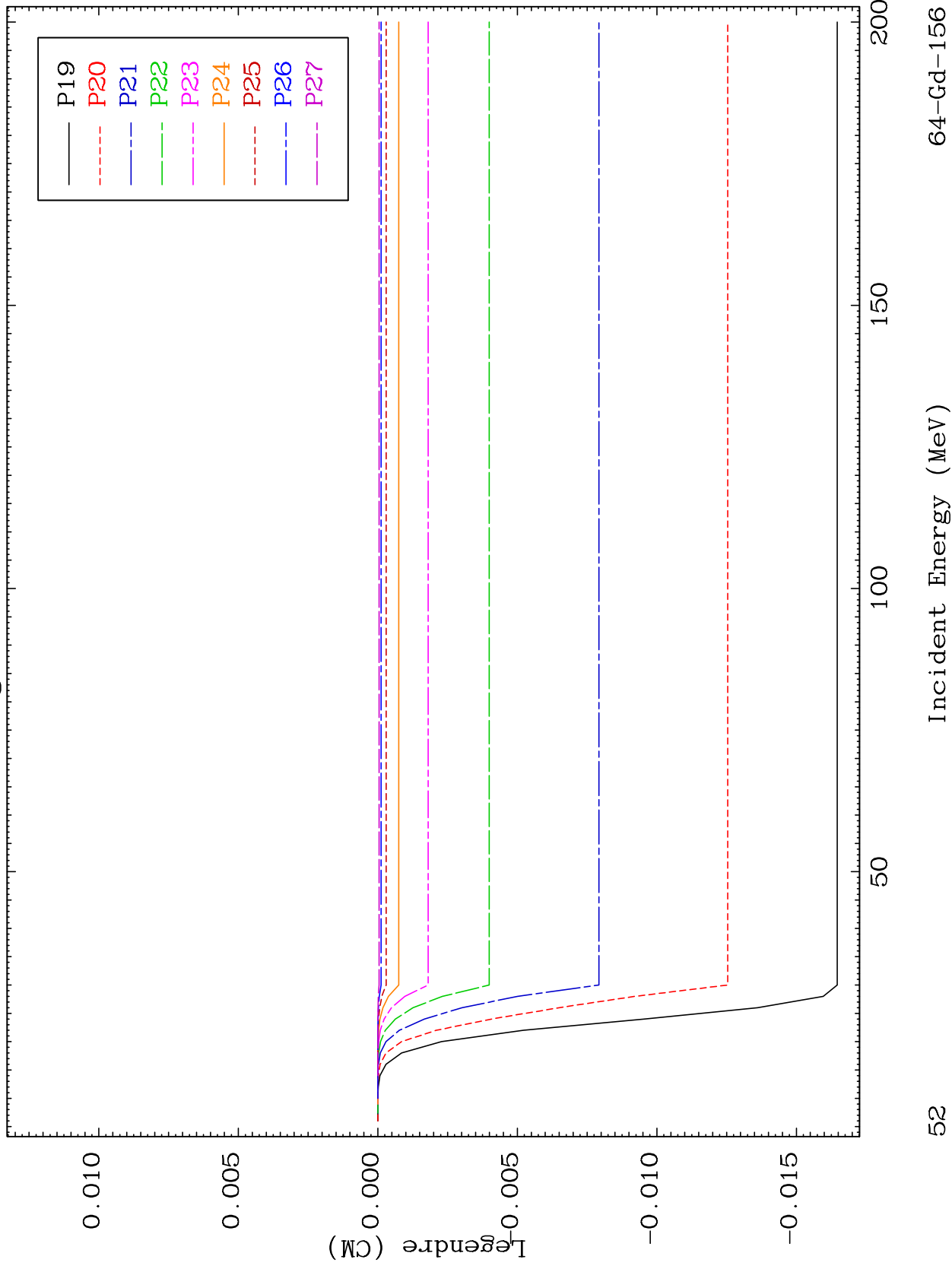
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



52

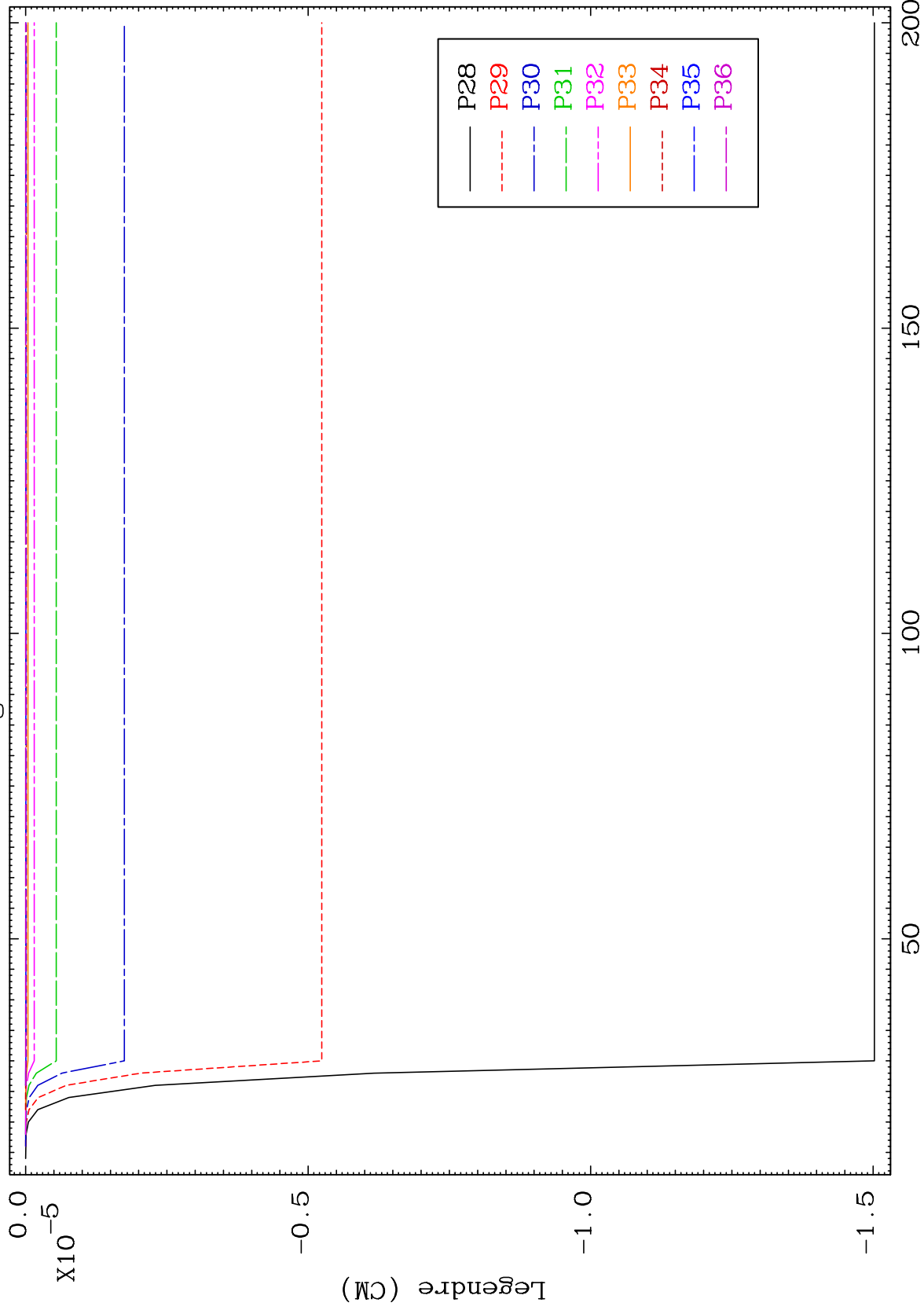
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



53

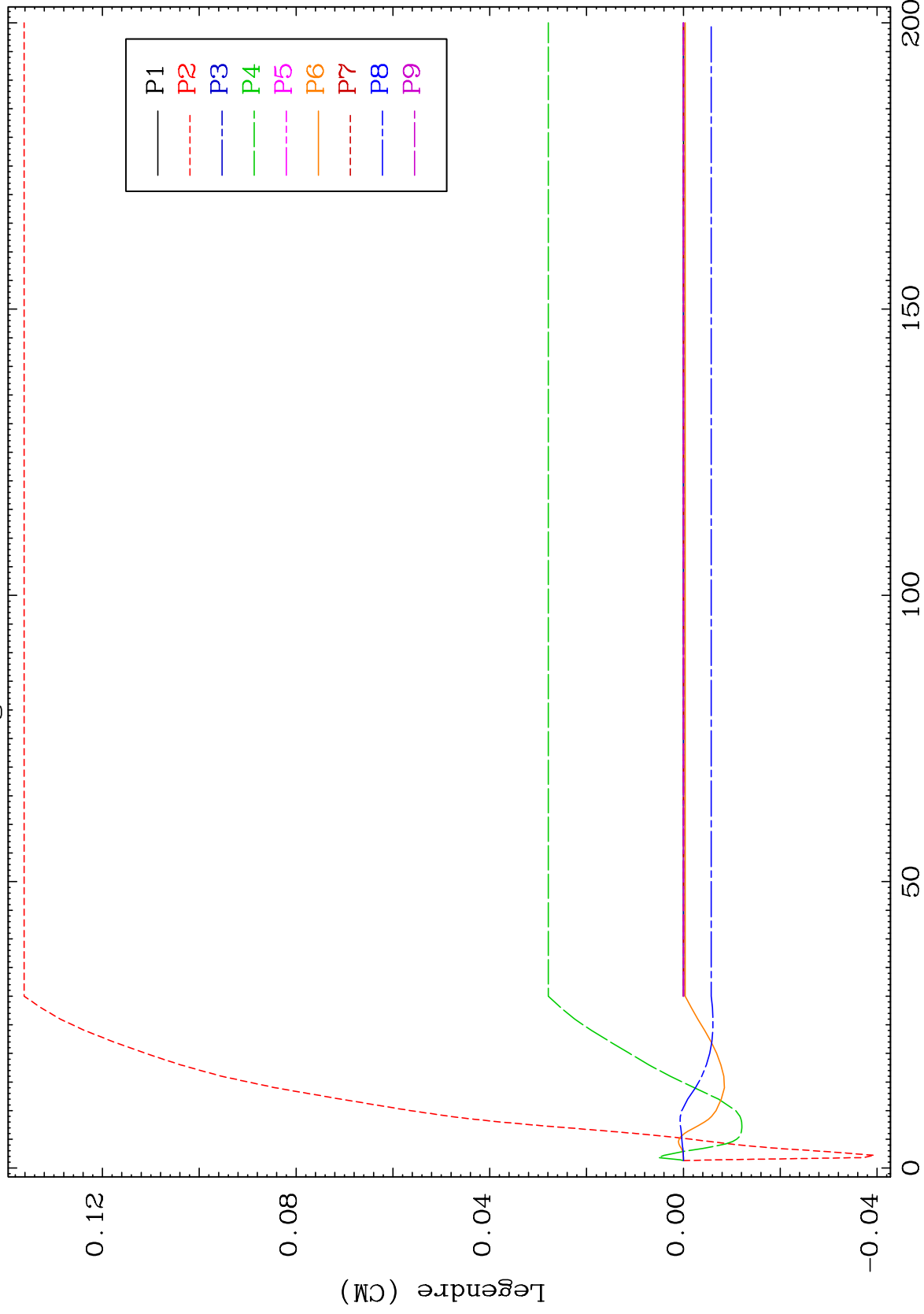
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



54

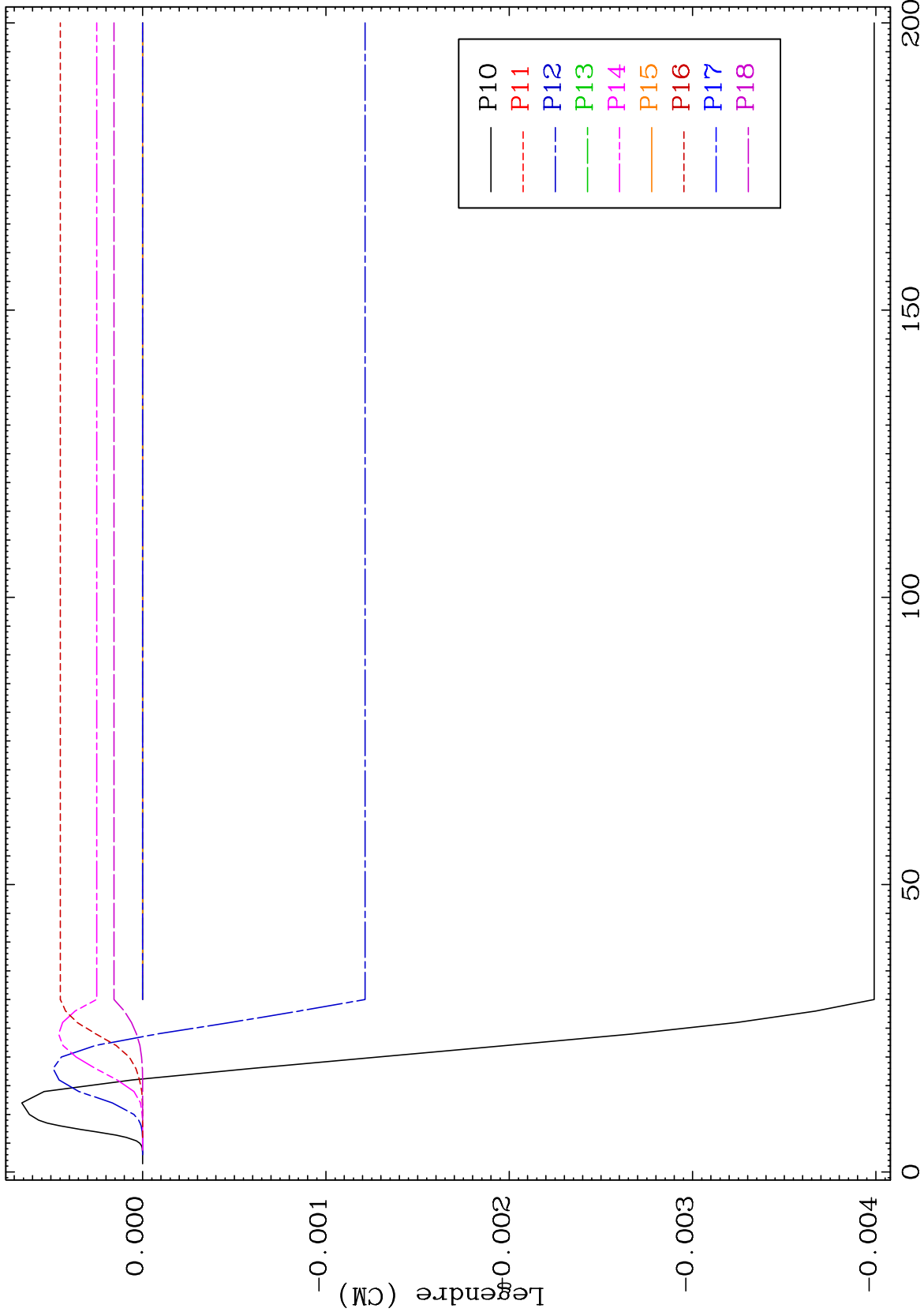
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

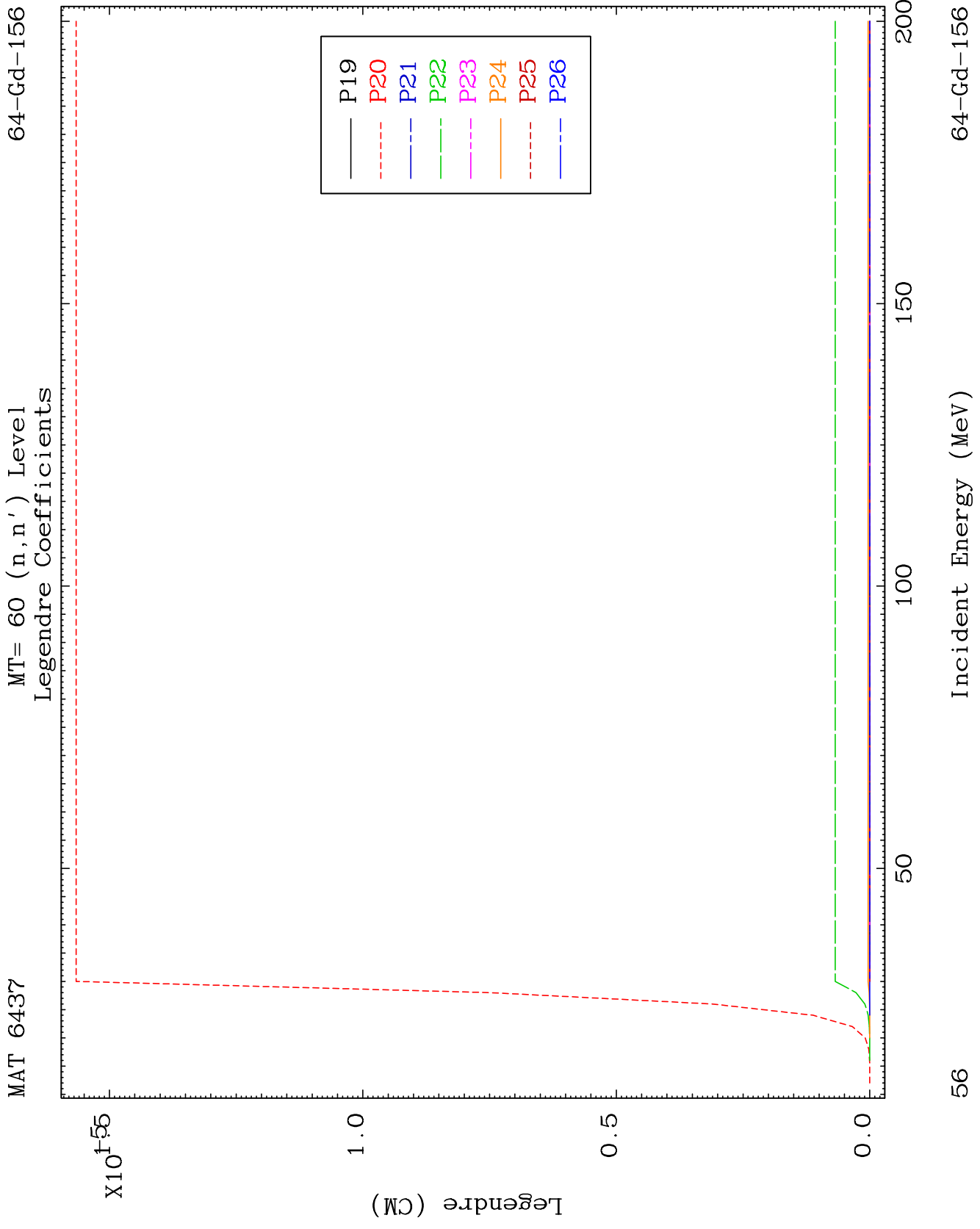
64-Gd-156



55

Incident Energy (MeV)

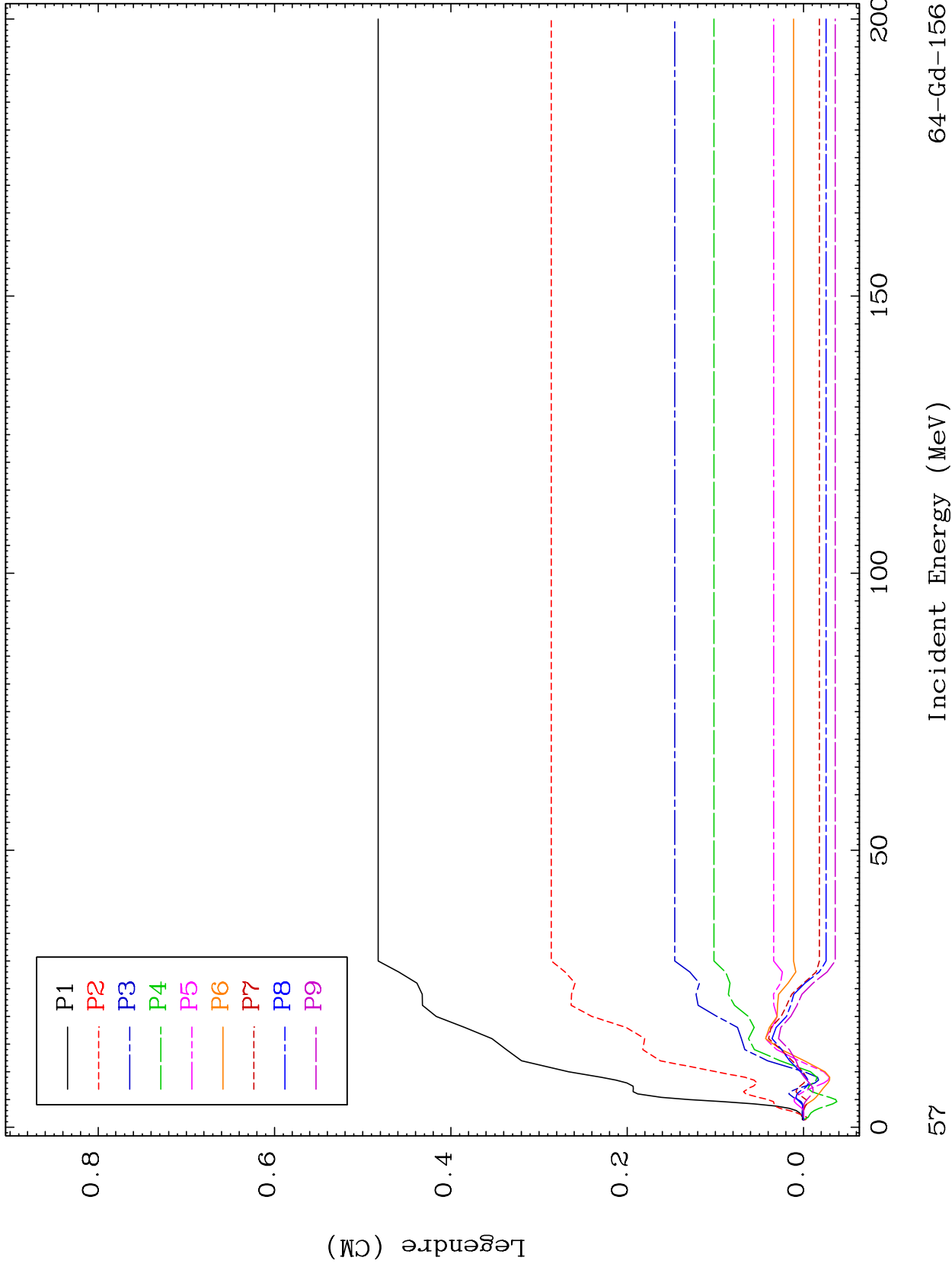
64-Gd-156



MAT 6437

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

64-Gd-156



57

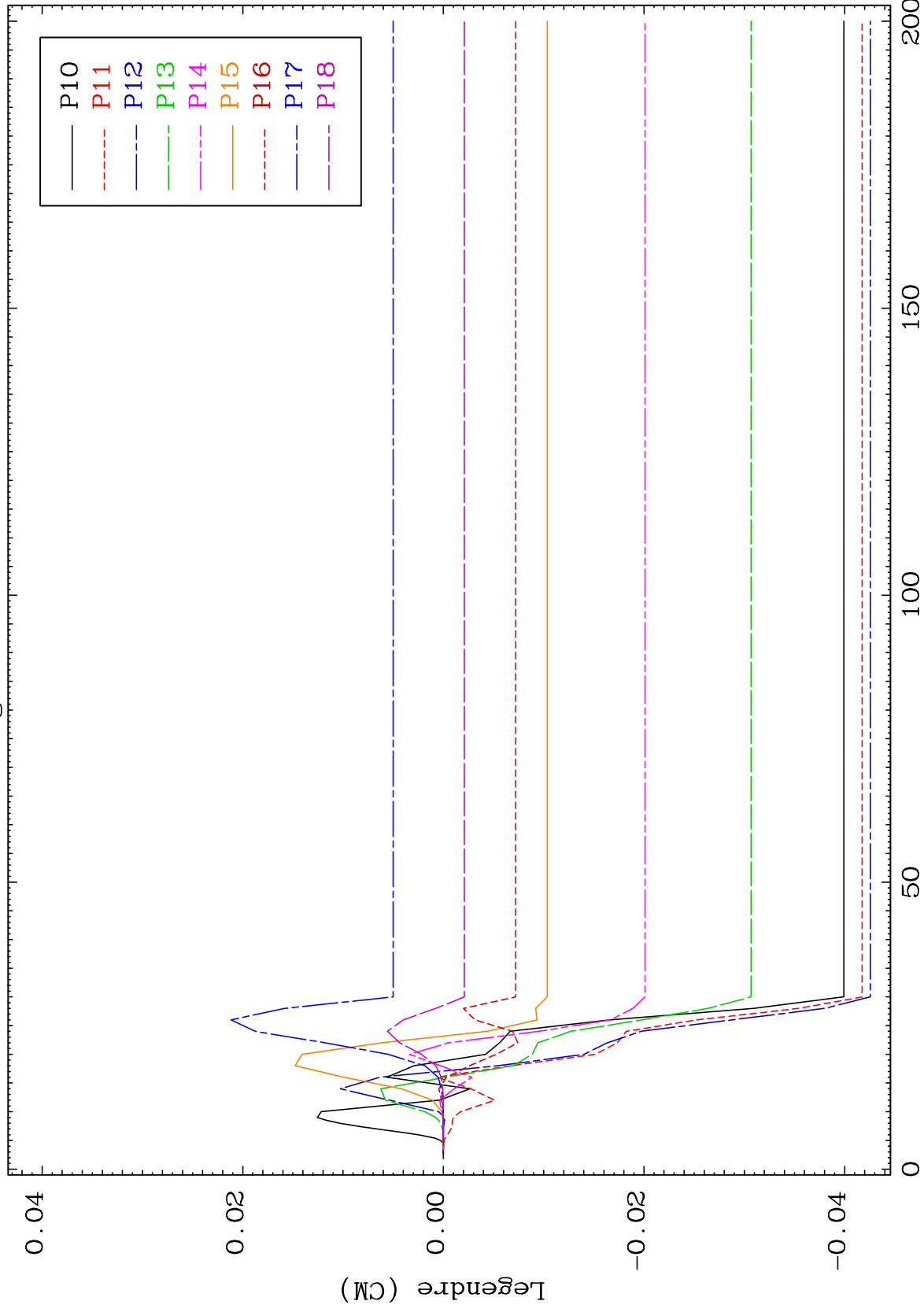
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

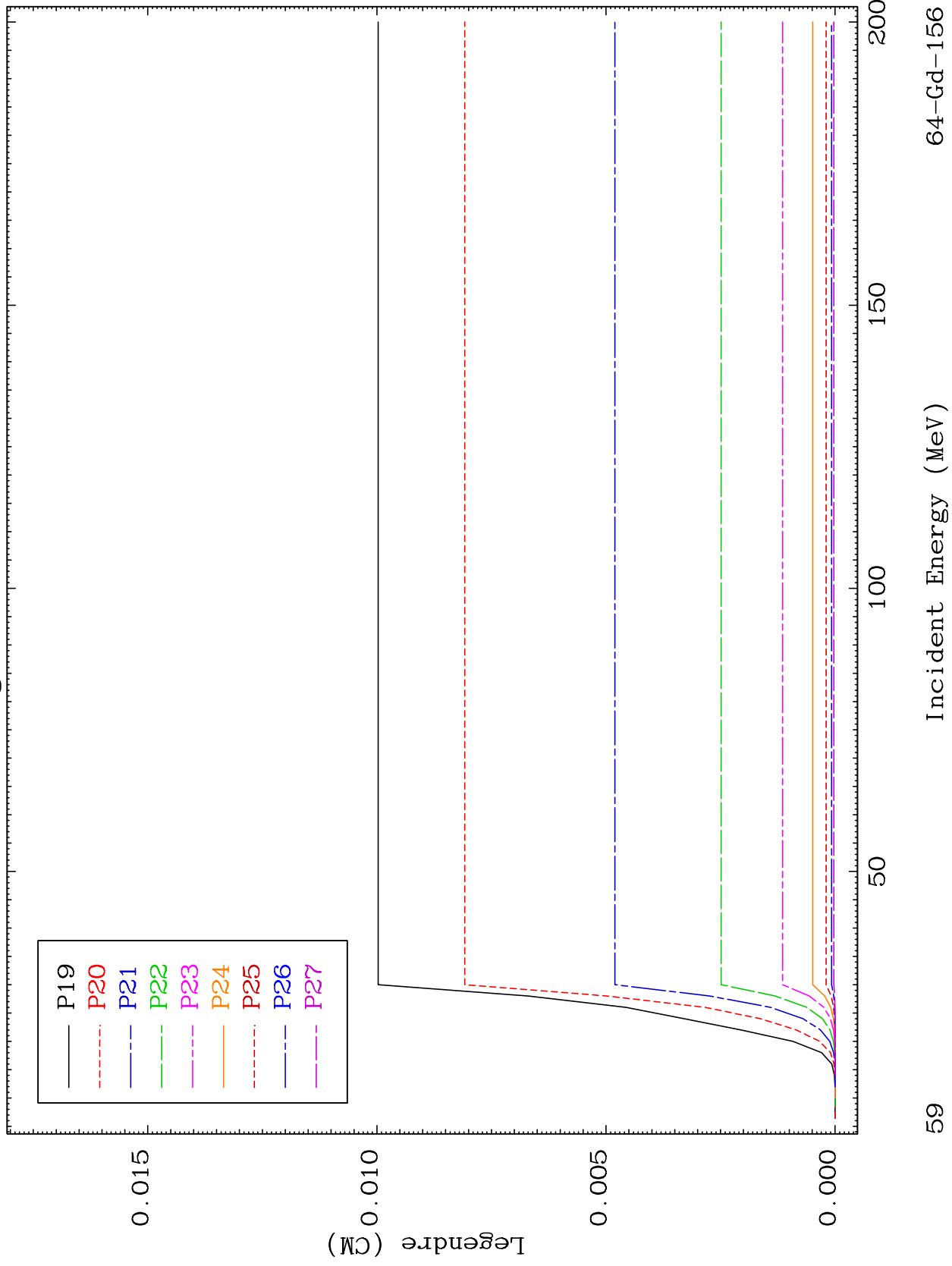
64-Gd-156



58

Incident Energy (MeV)

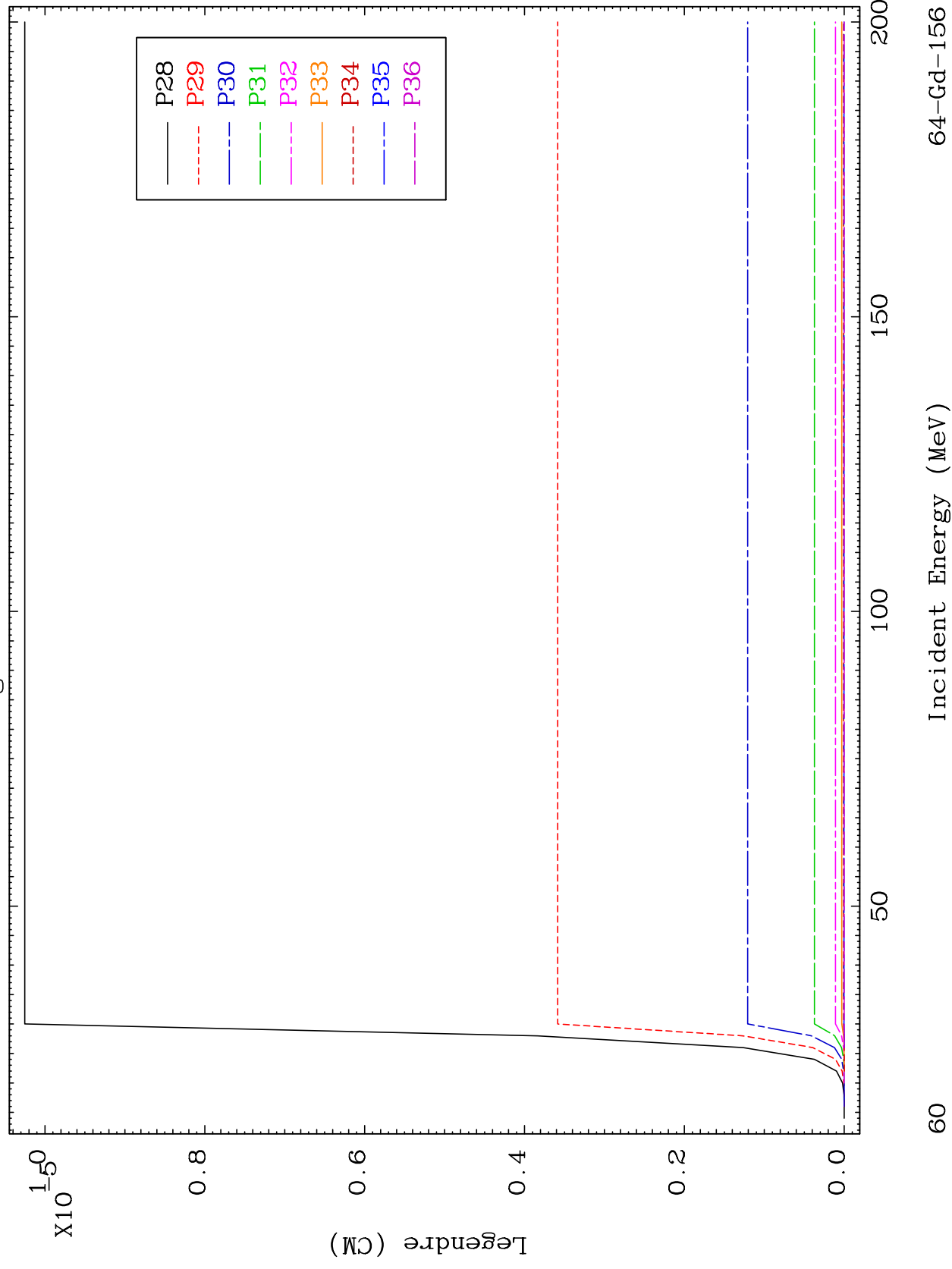
64-Gd-156



MAT 6437

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

64-Gd-156



60

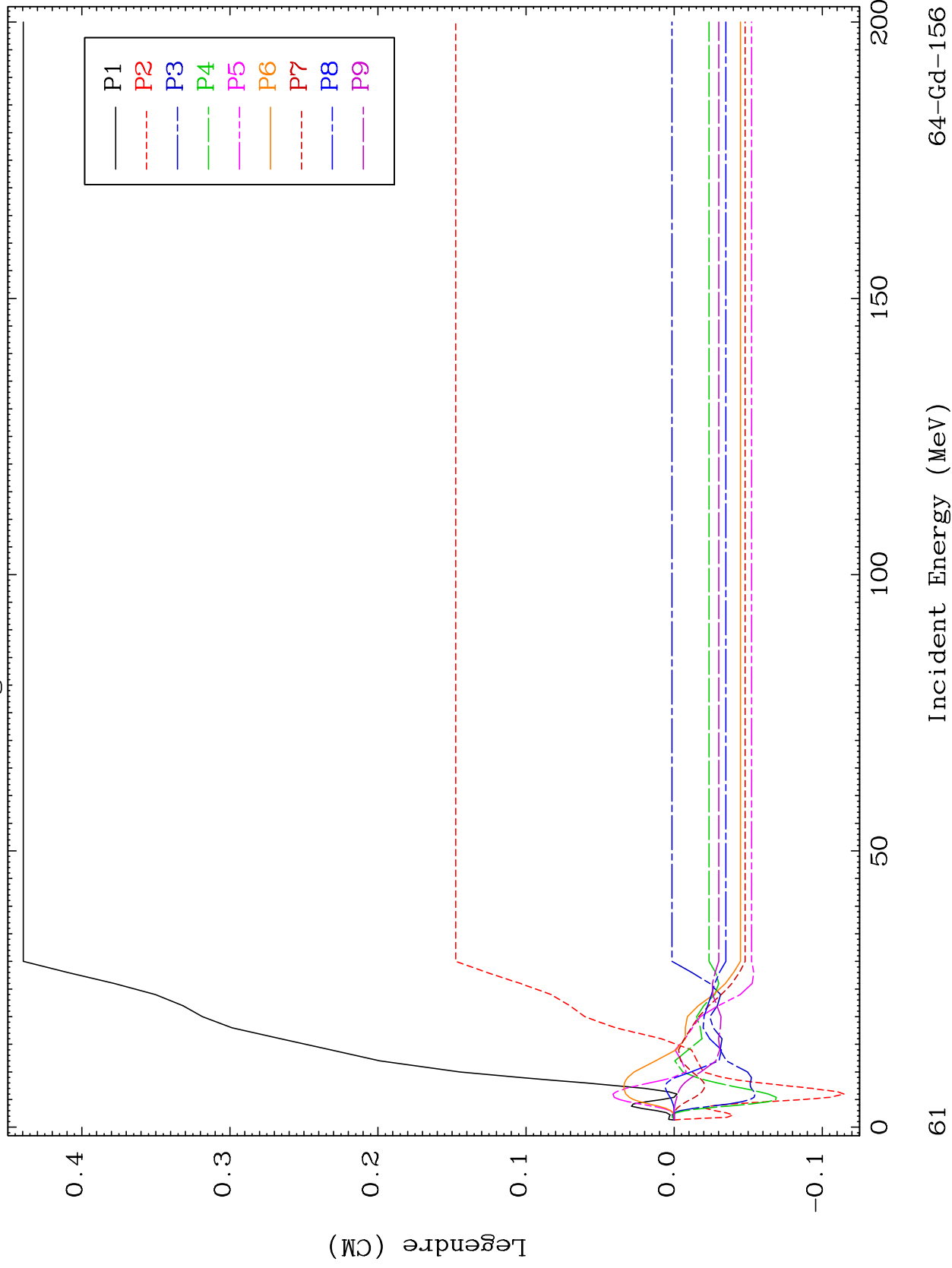
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

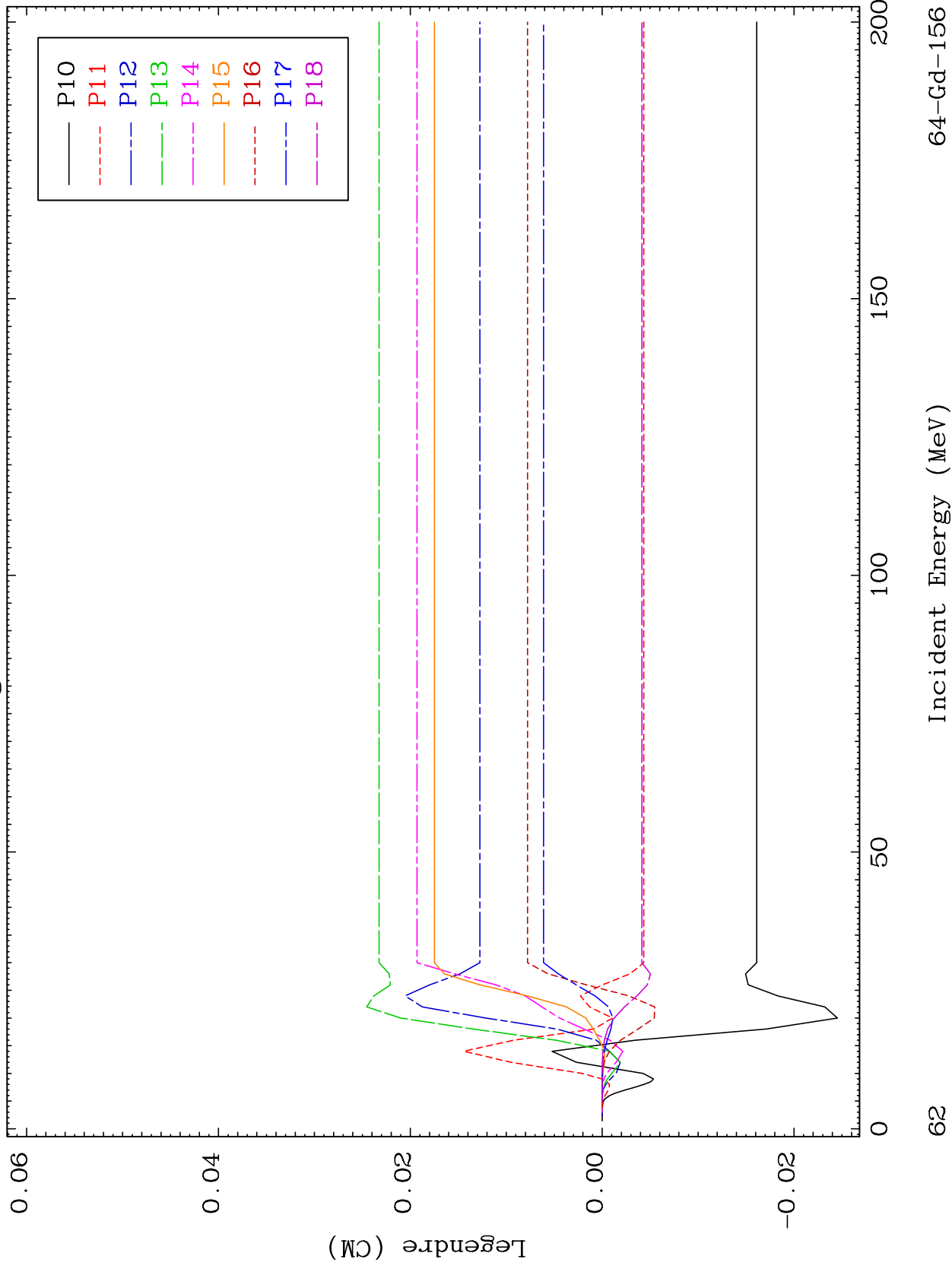
Incident Energy (MeV)

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MAT 6437

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

64-Gd-156



64-Gd-156

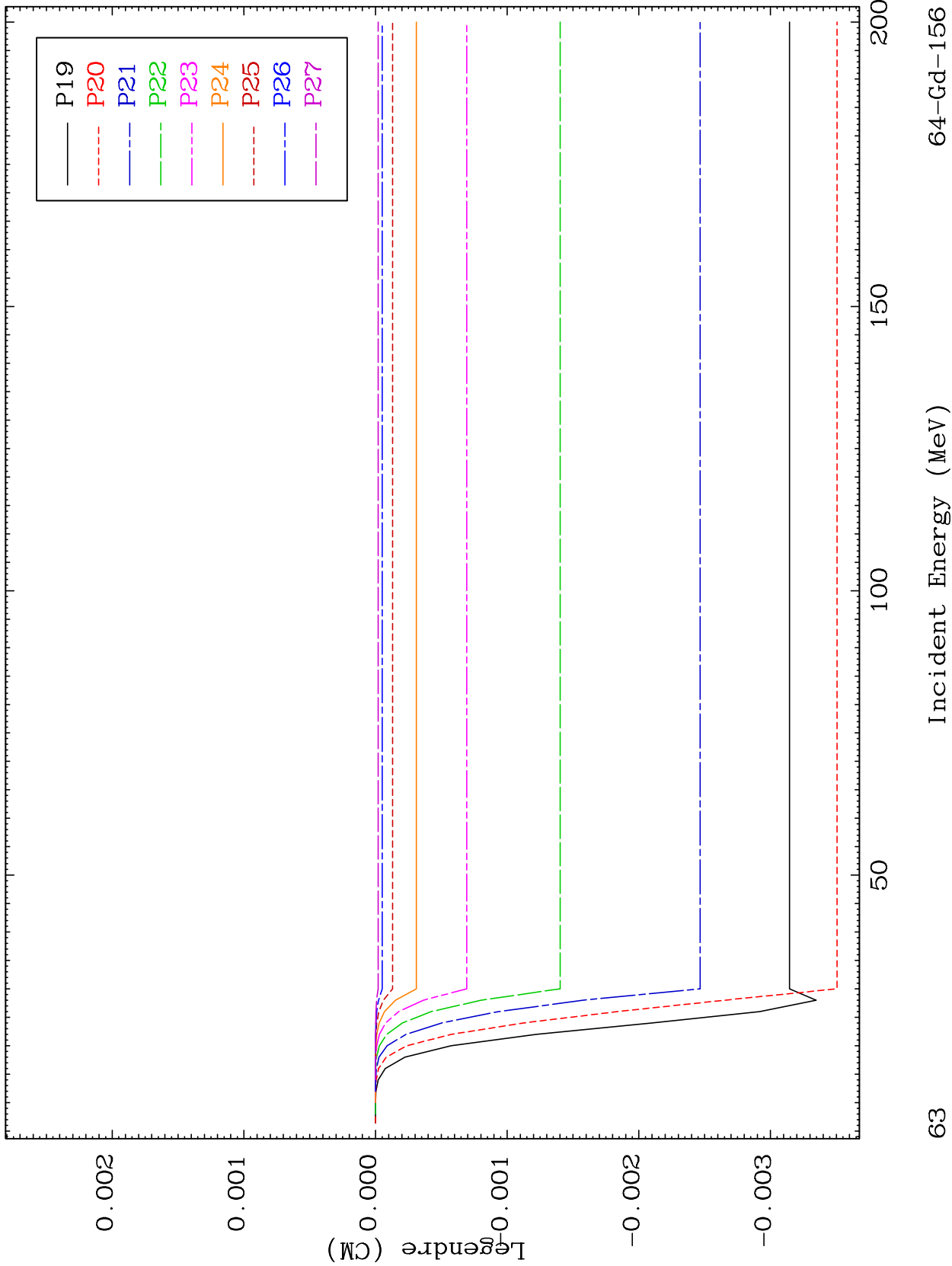
Incident Energy (MeV)

62

MAT 6437

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

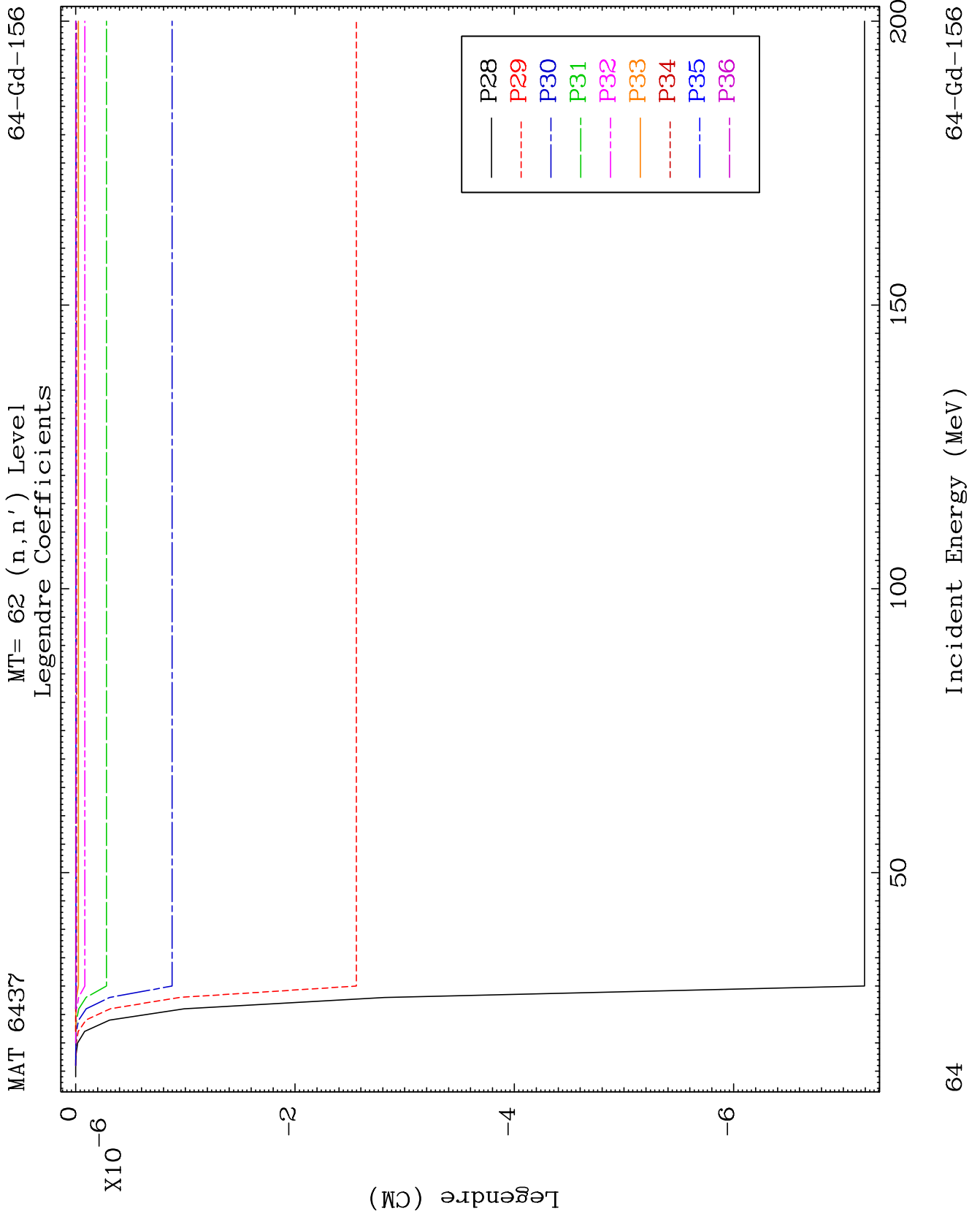
64-Gd-156



63

Incident Energy (MeV)

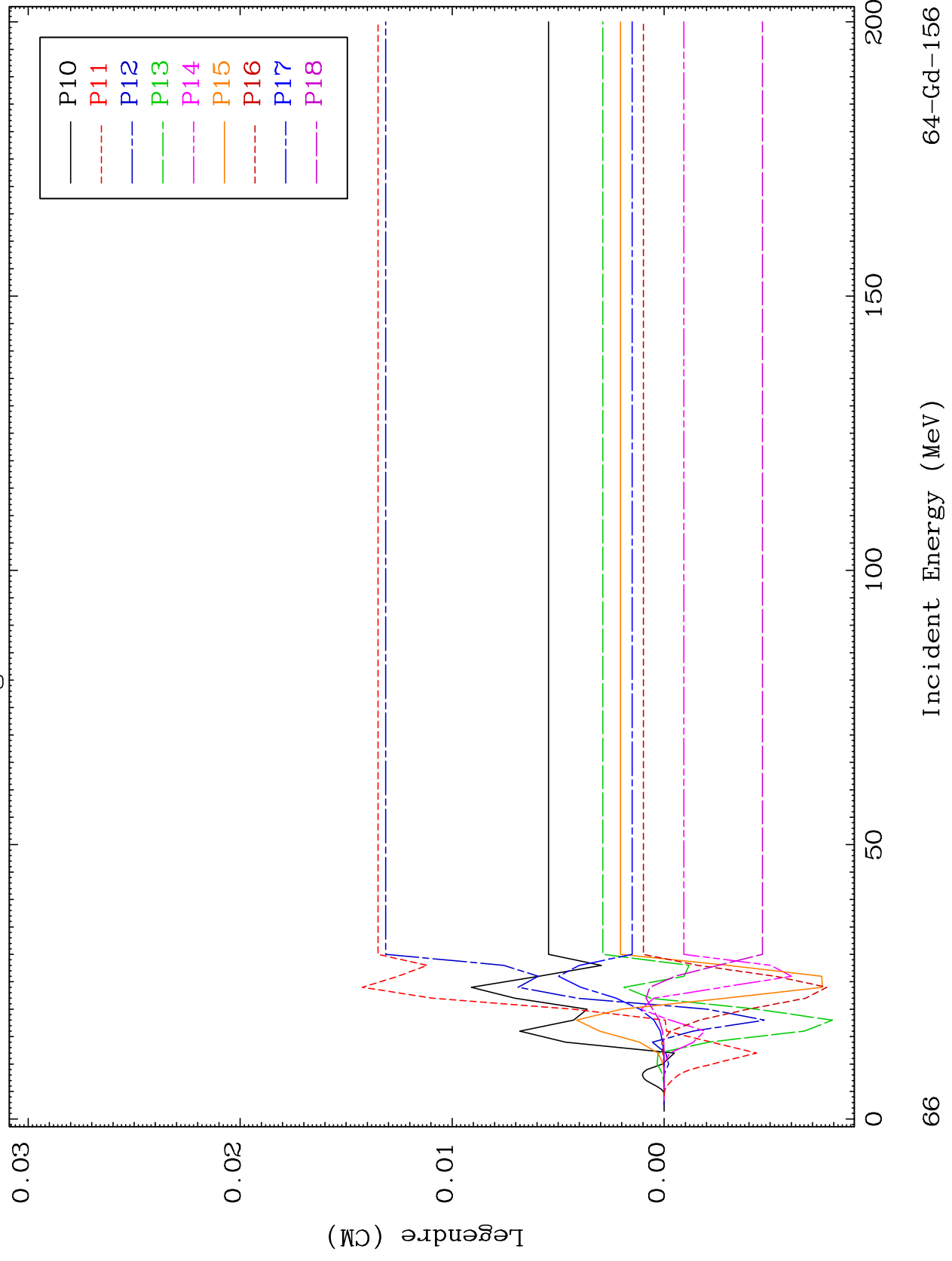
64-Gd-156



MAT 6437

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

64-Gd-156



64-Gd-156

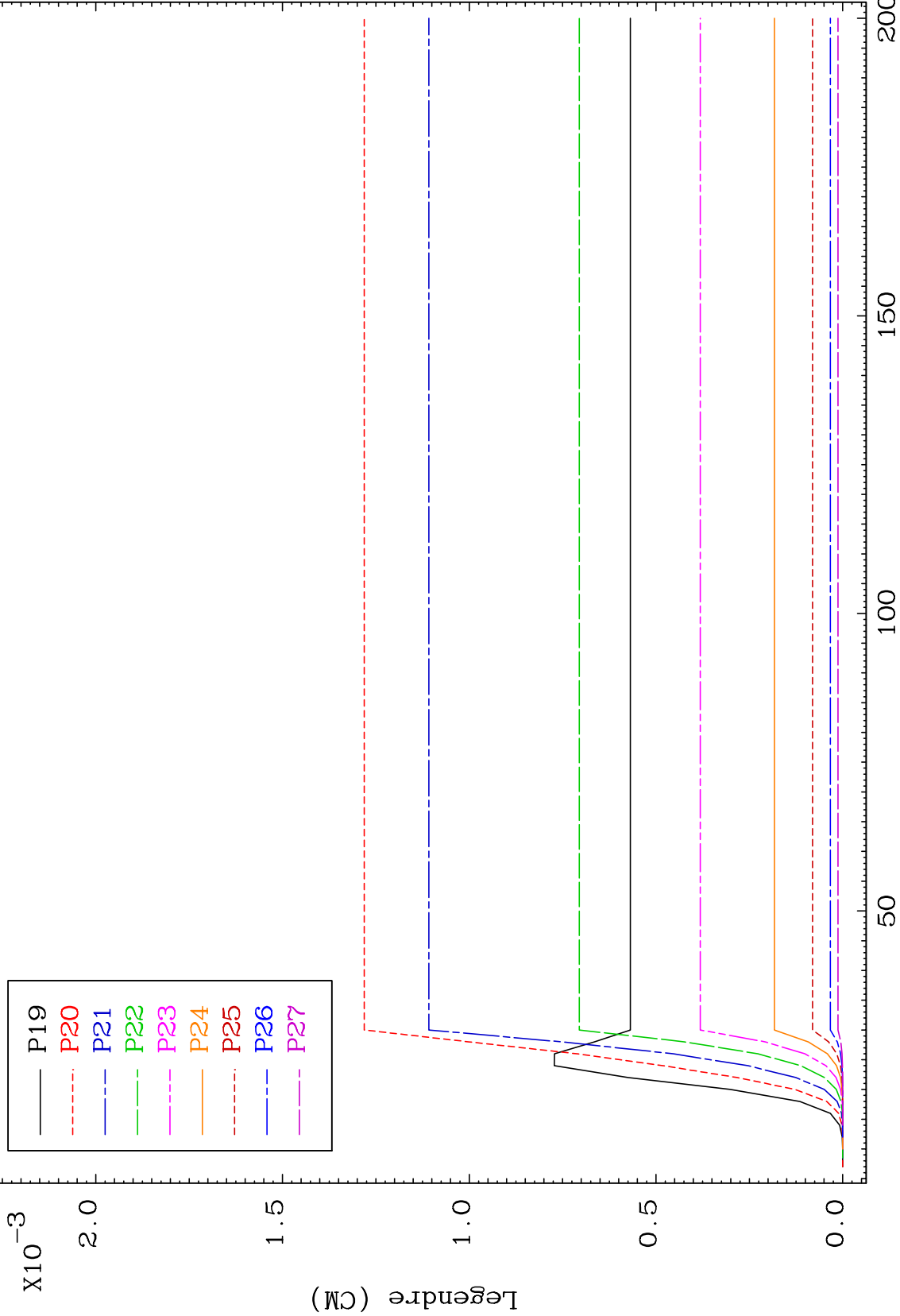
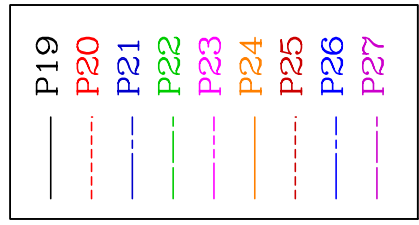
Incident Energy (MeV)

66

MAT 6437

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

64-Gd-156



67

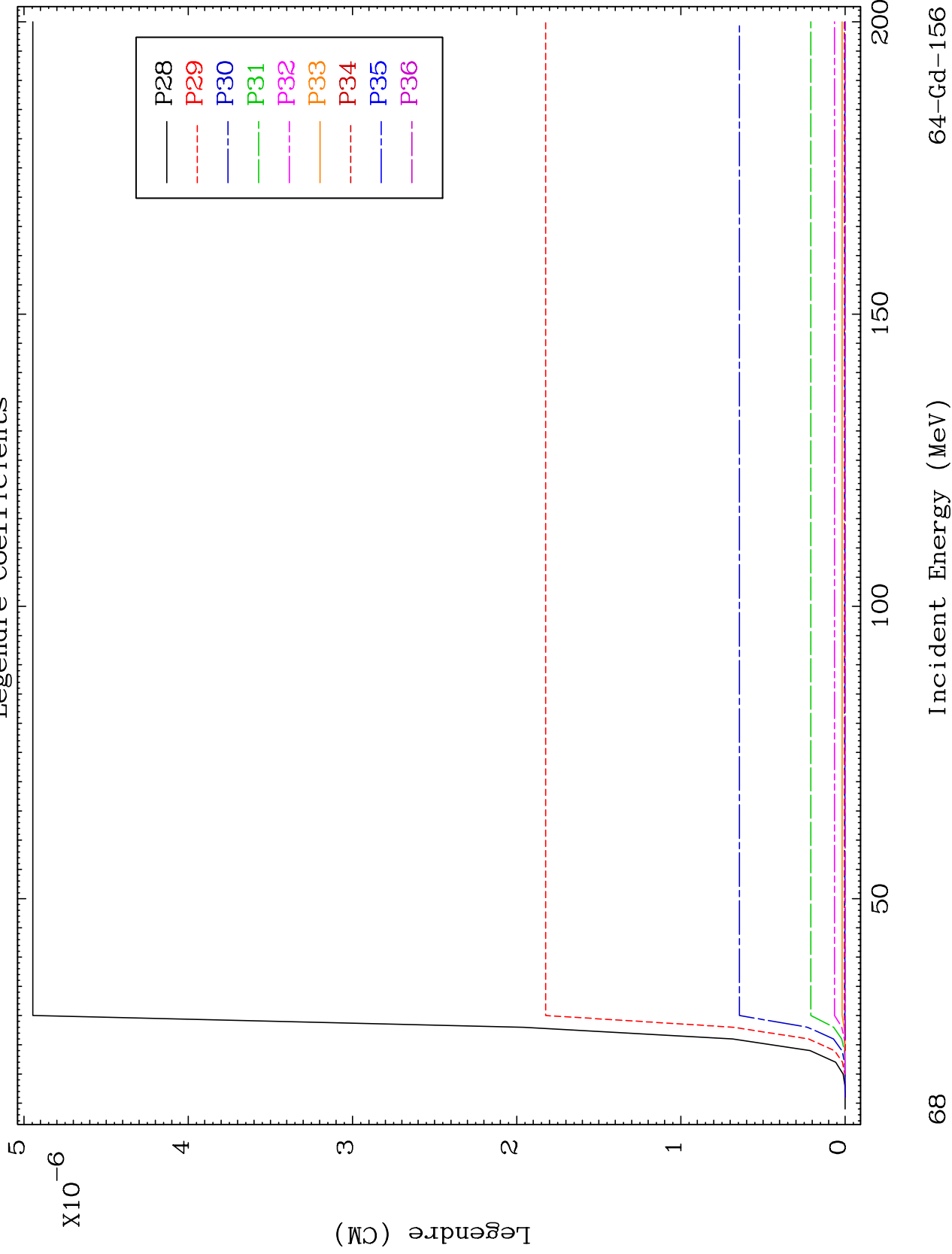
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



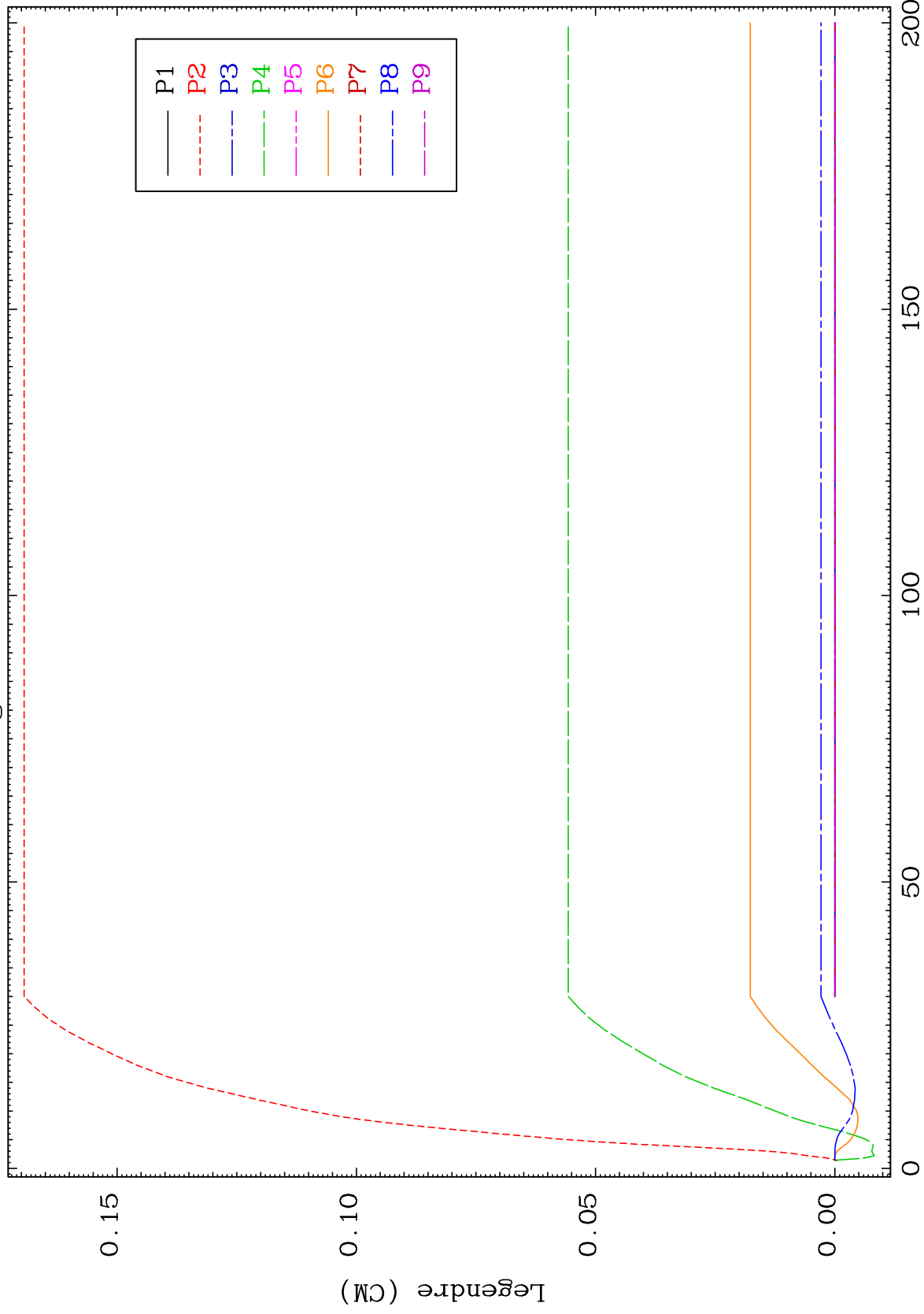
68

64-Gd-156

MAT 6437

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

64-Gd-156



69

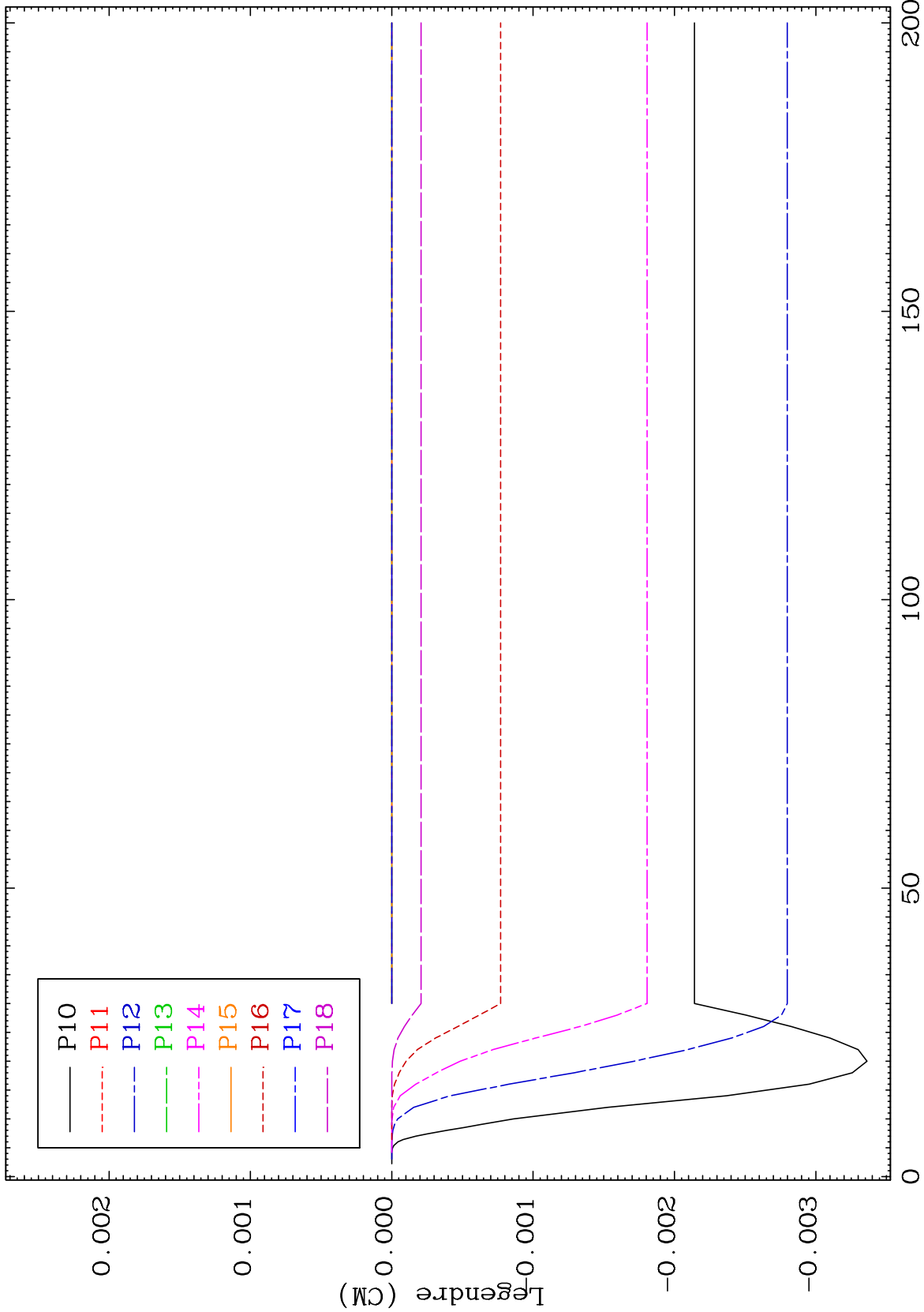
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



70

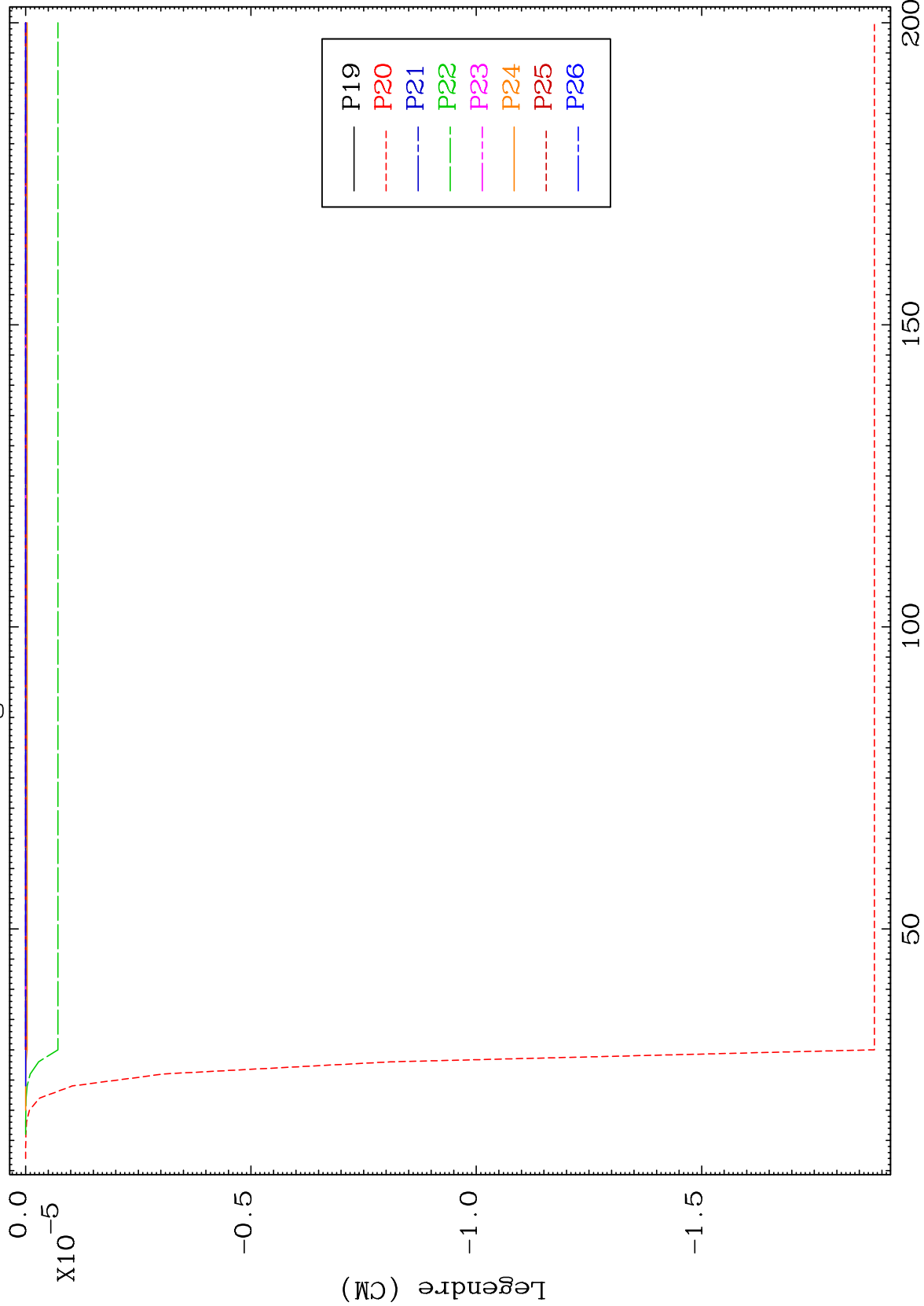
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

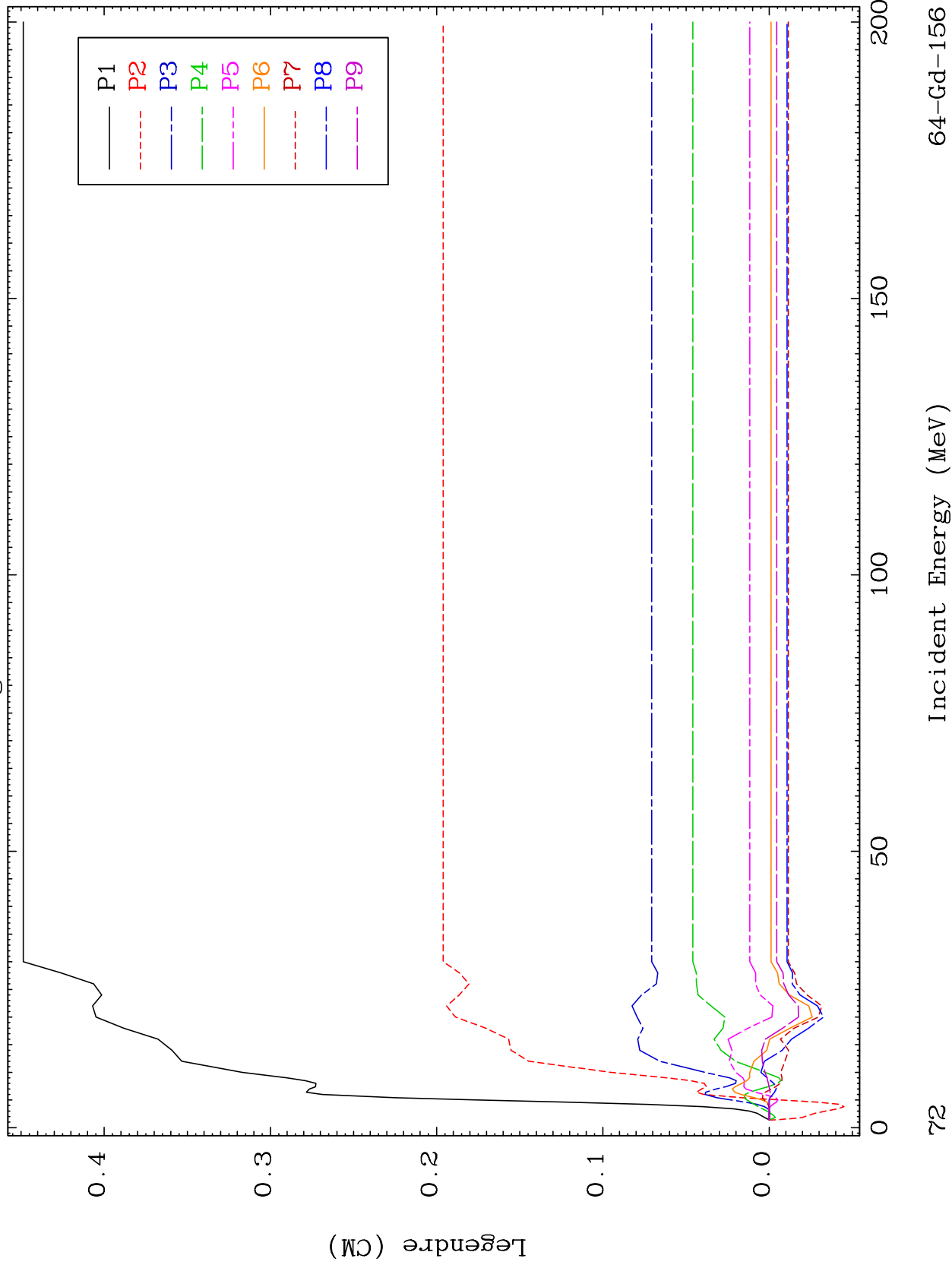
Incident Energy (MeV)

71

MAT 6437

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

64-Gd-156



64-Gd-156

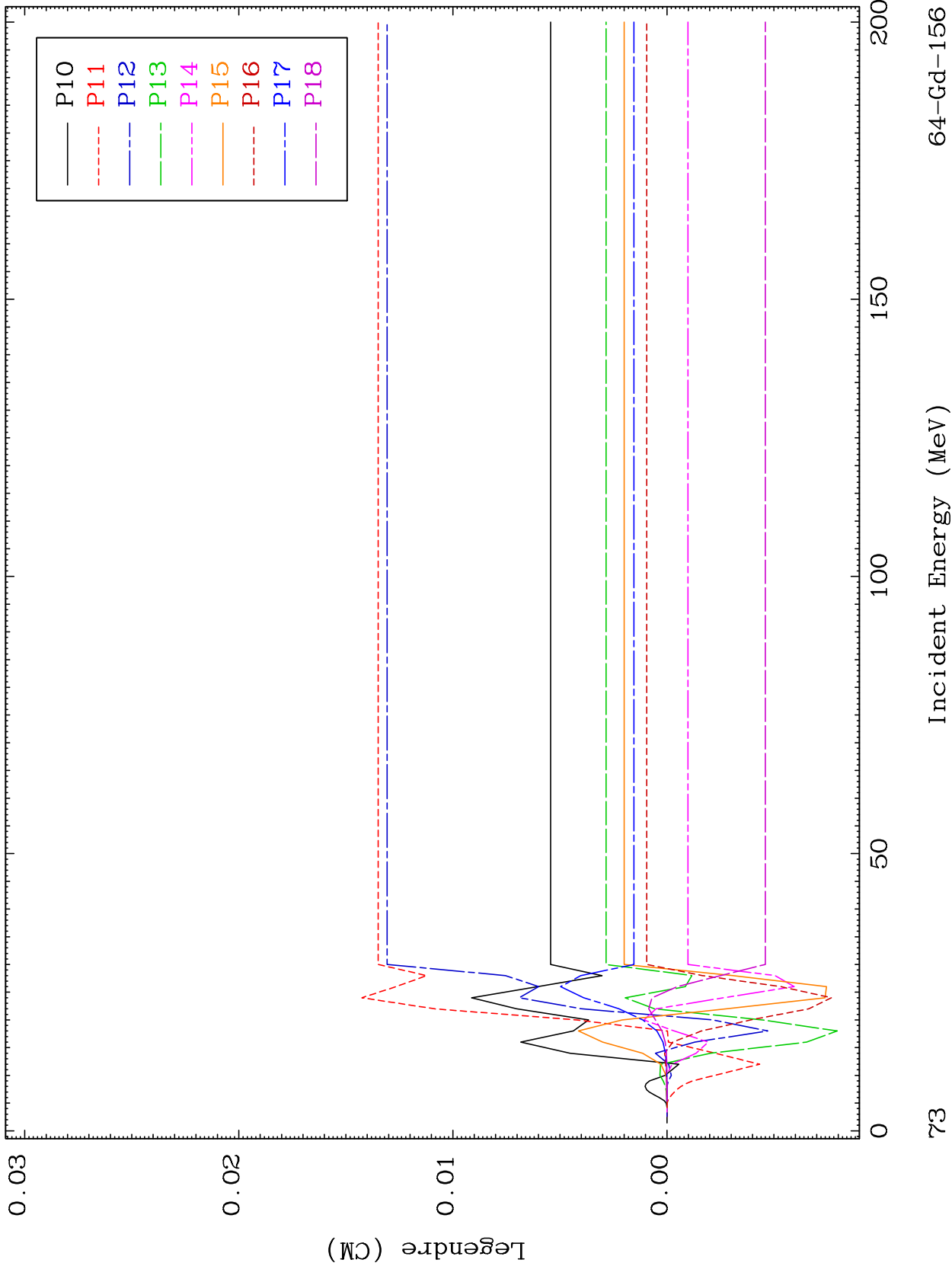
Incident Energy (MeV)

72

MAT 6437

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

64-Gd-156



64-Gd-156

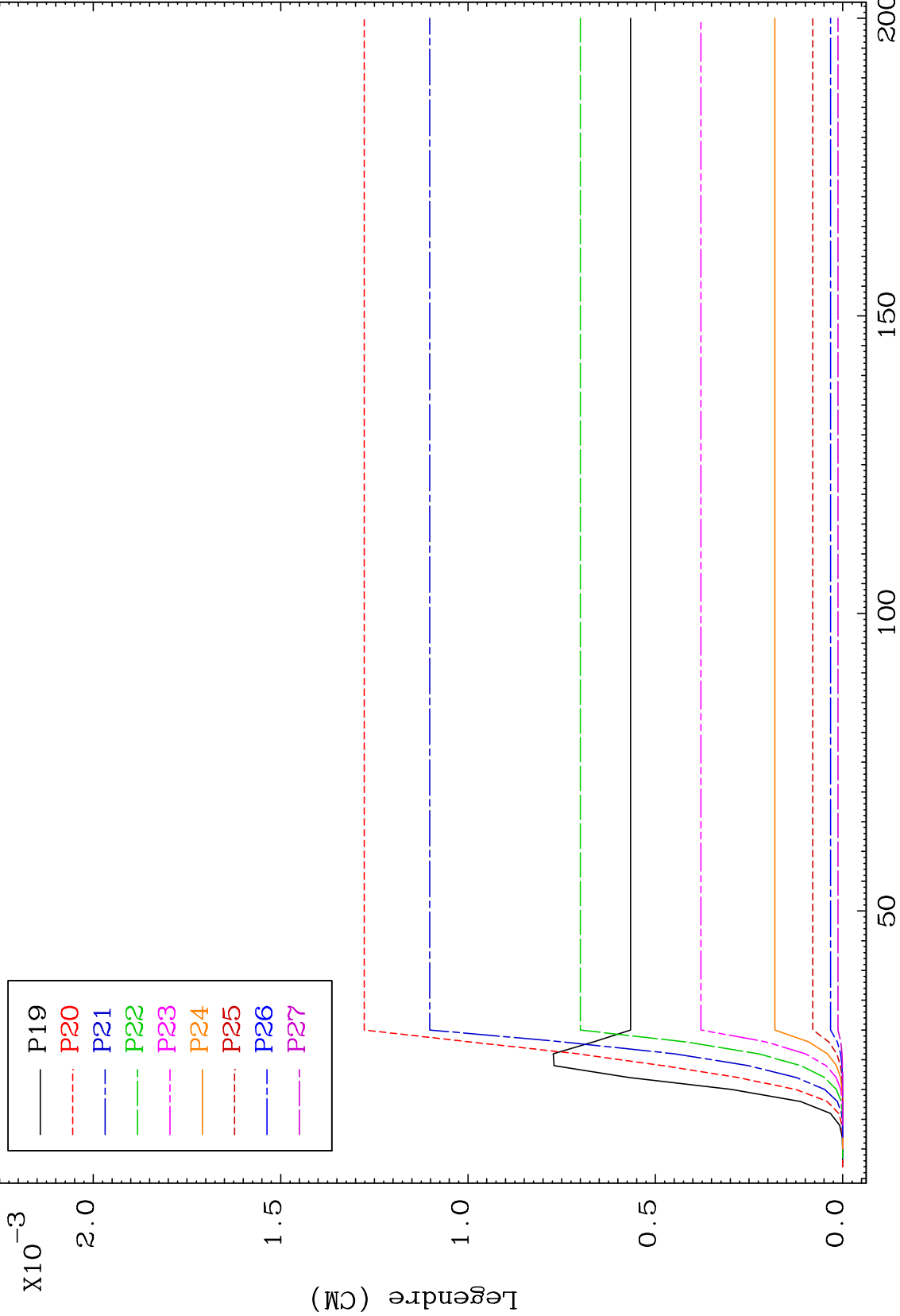
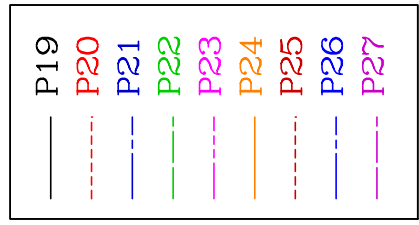
Incident Energy (MeV)

73

MAT 6437

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

64-Gd-156



74

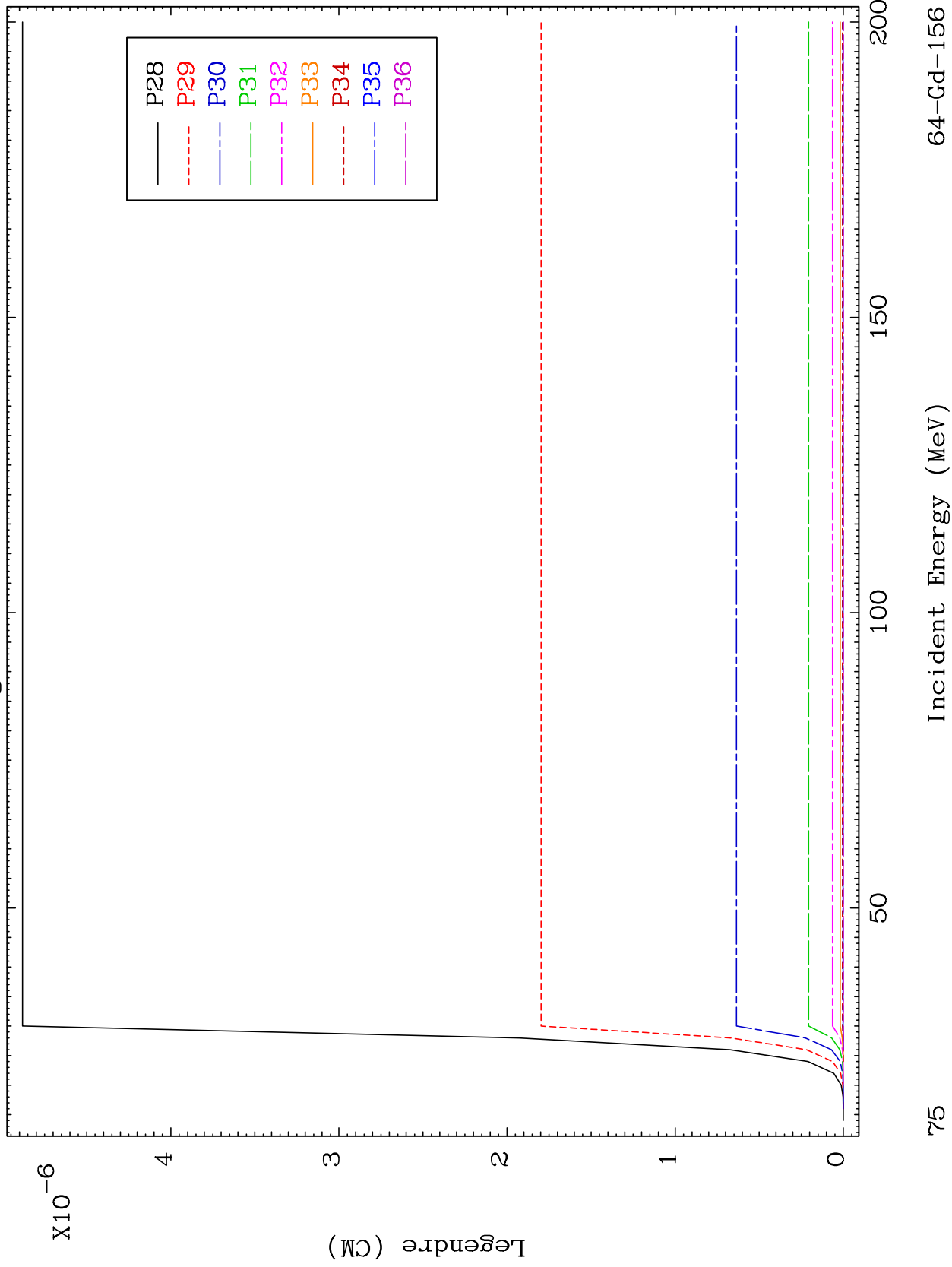
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



75

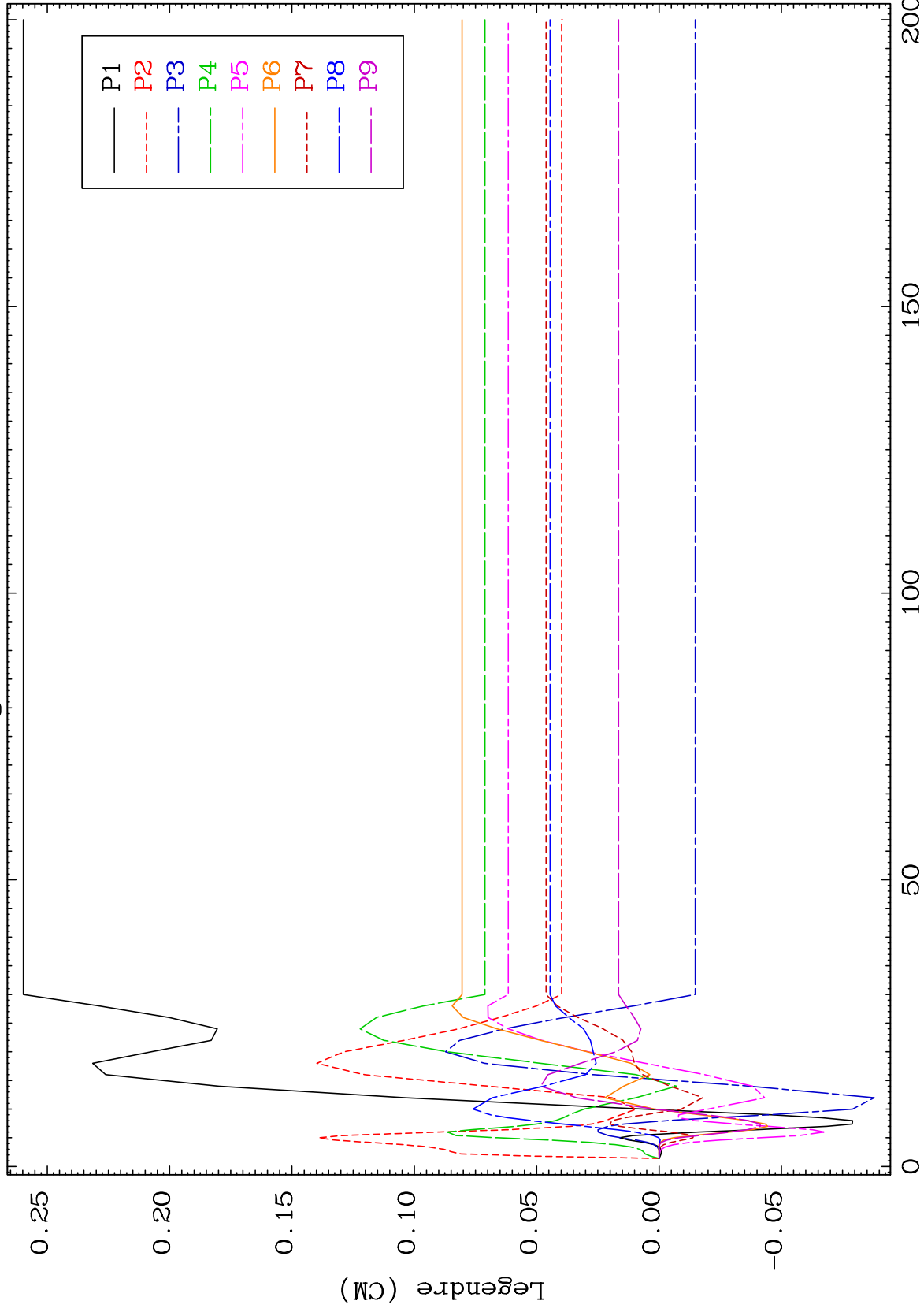
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



76

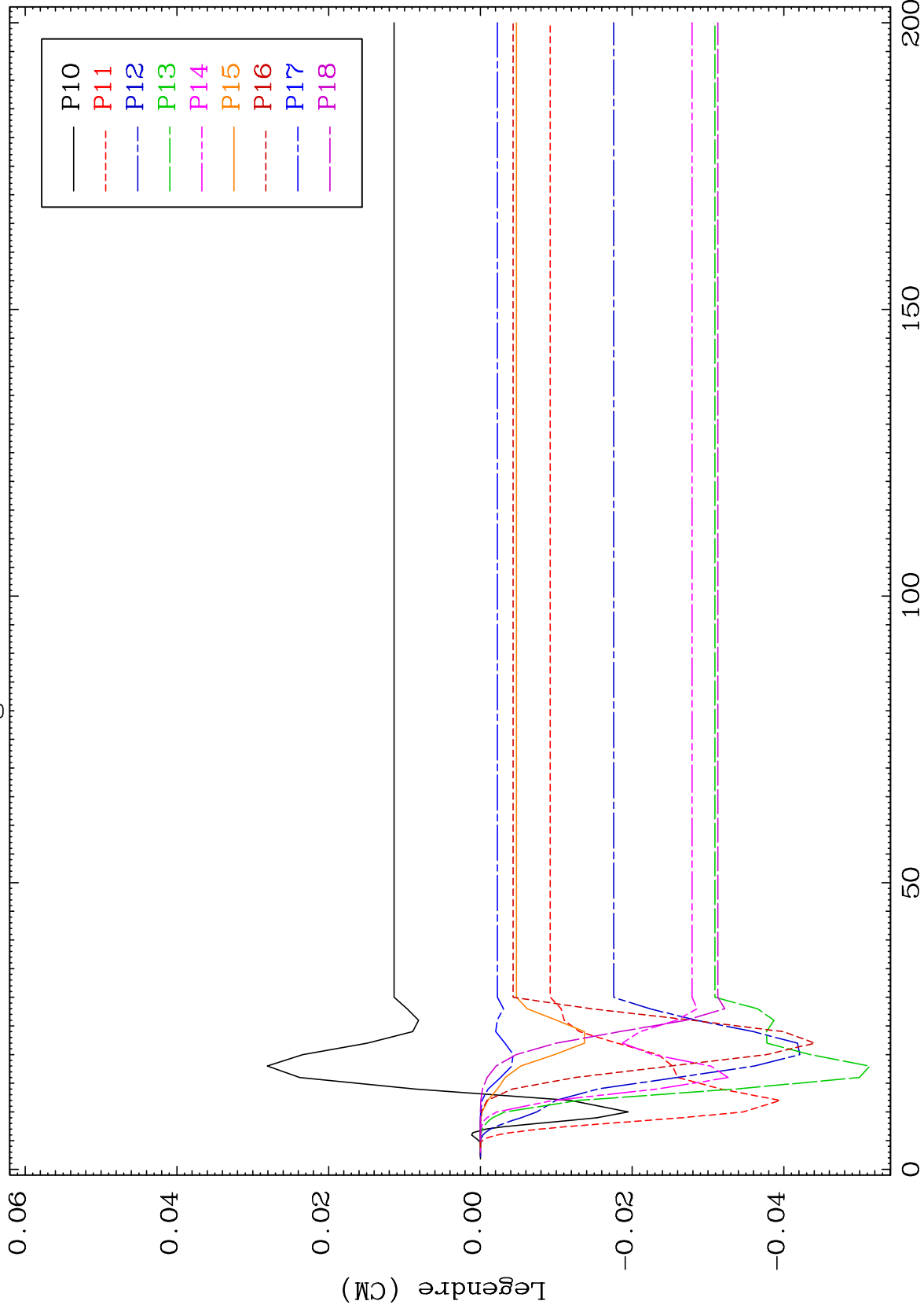
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



77

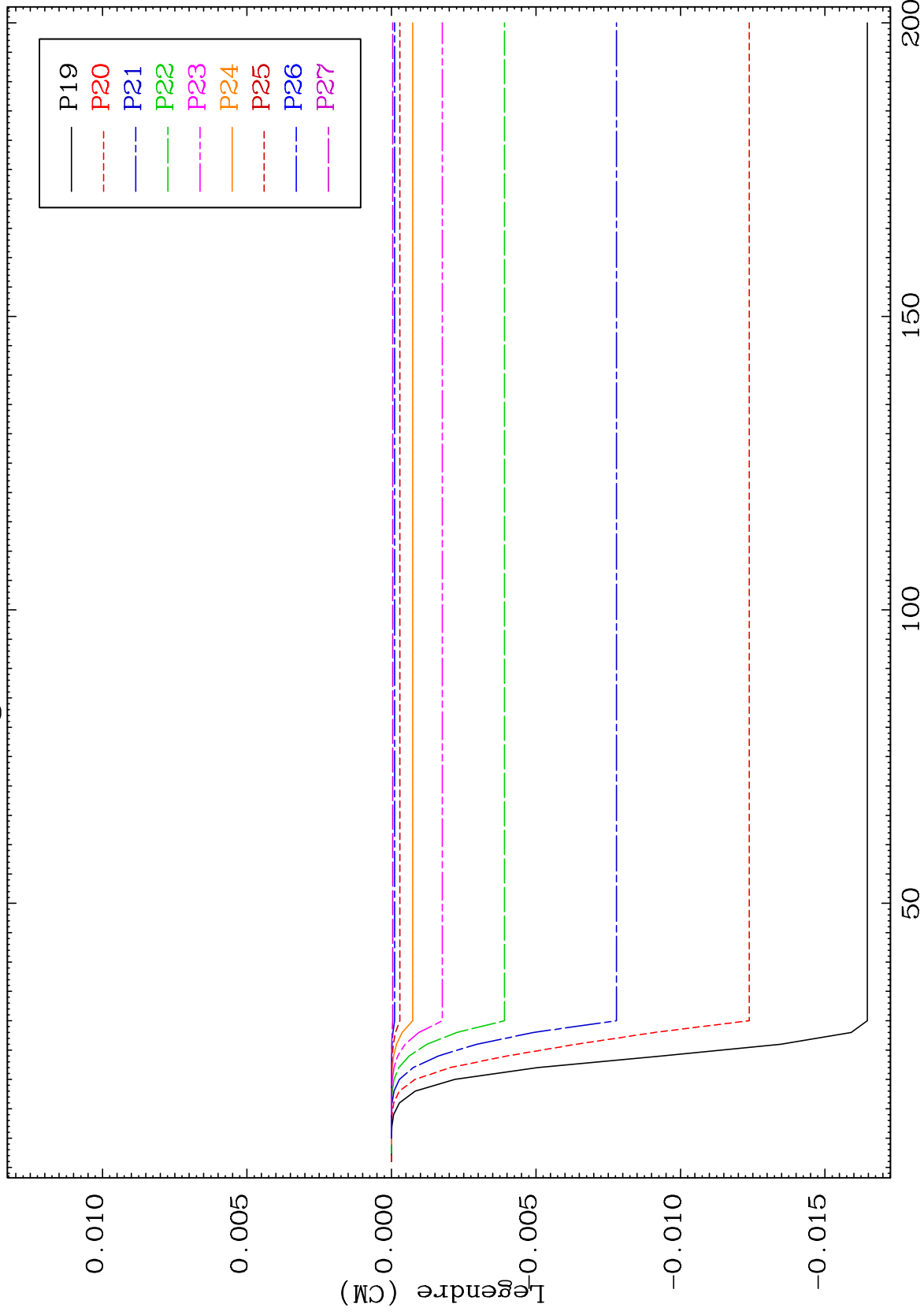
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

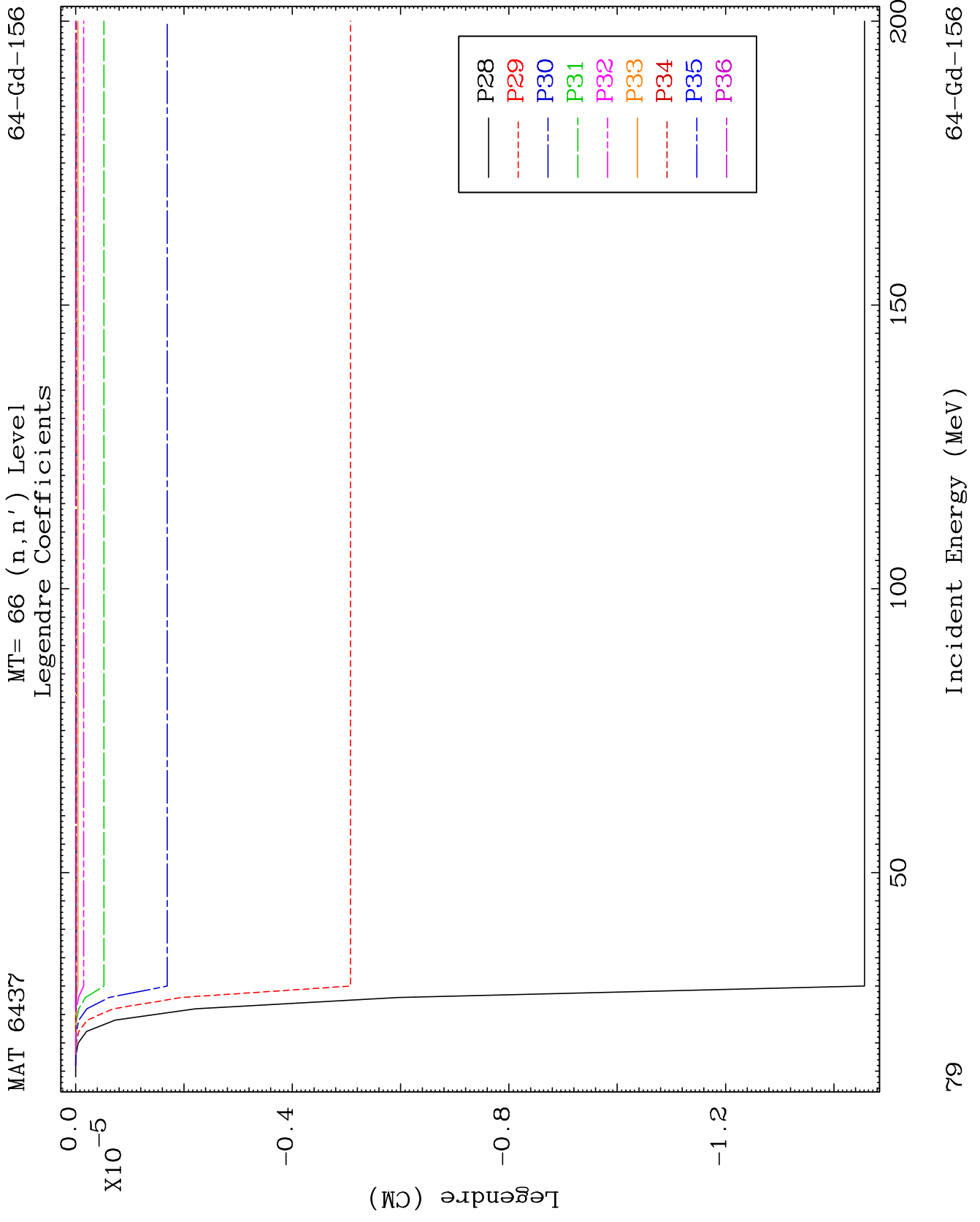
64-Gd-156



78

Incident Energy (MeV)

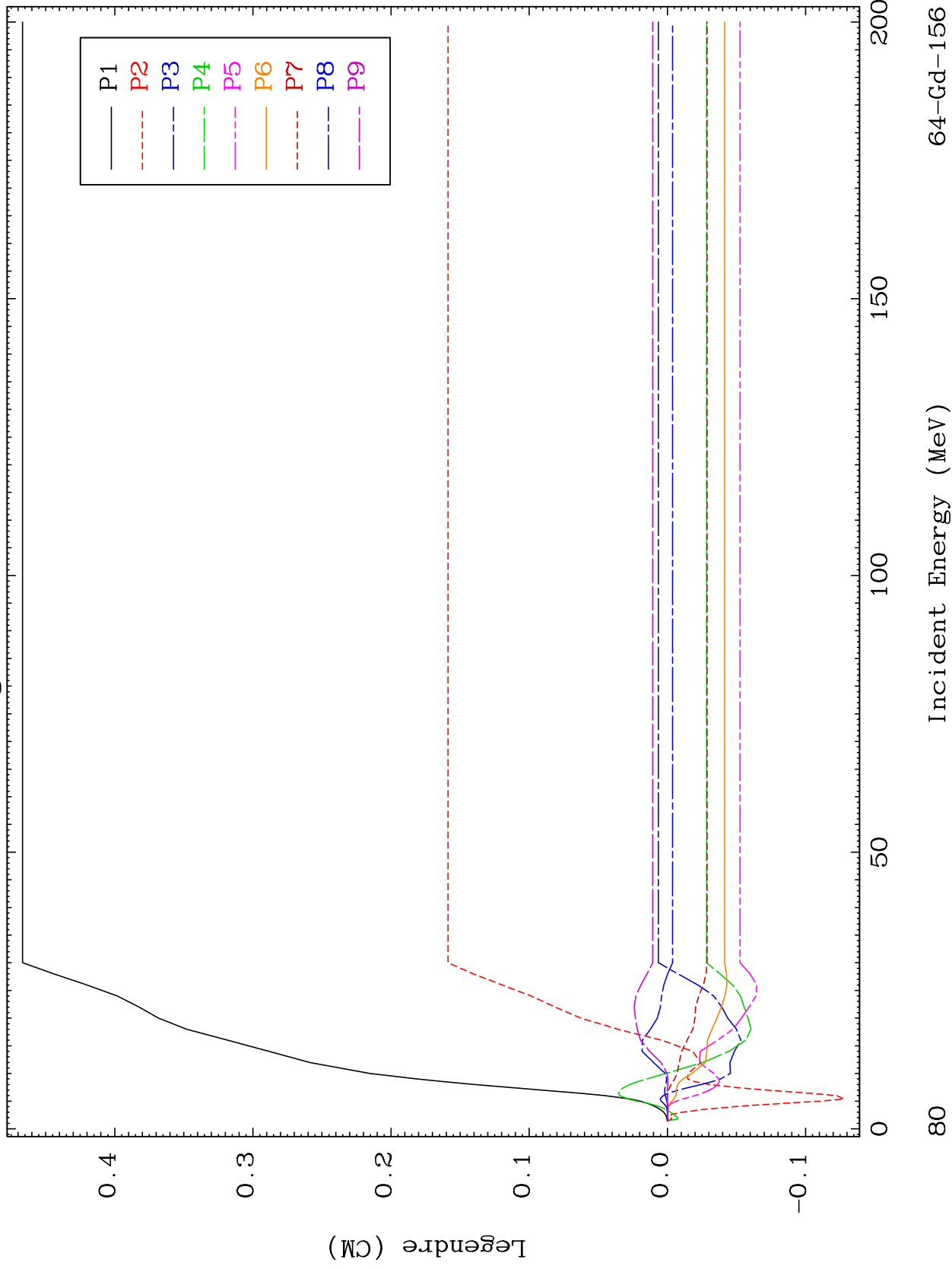
64-Gd-156



MAT 6437

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

64-Gd-156



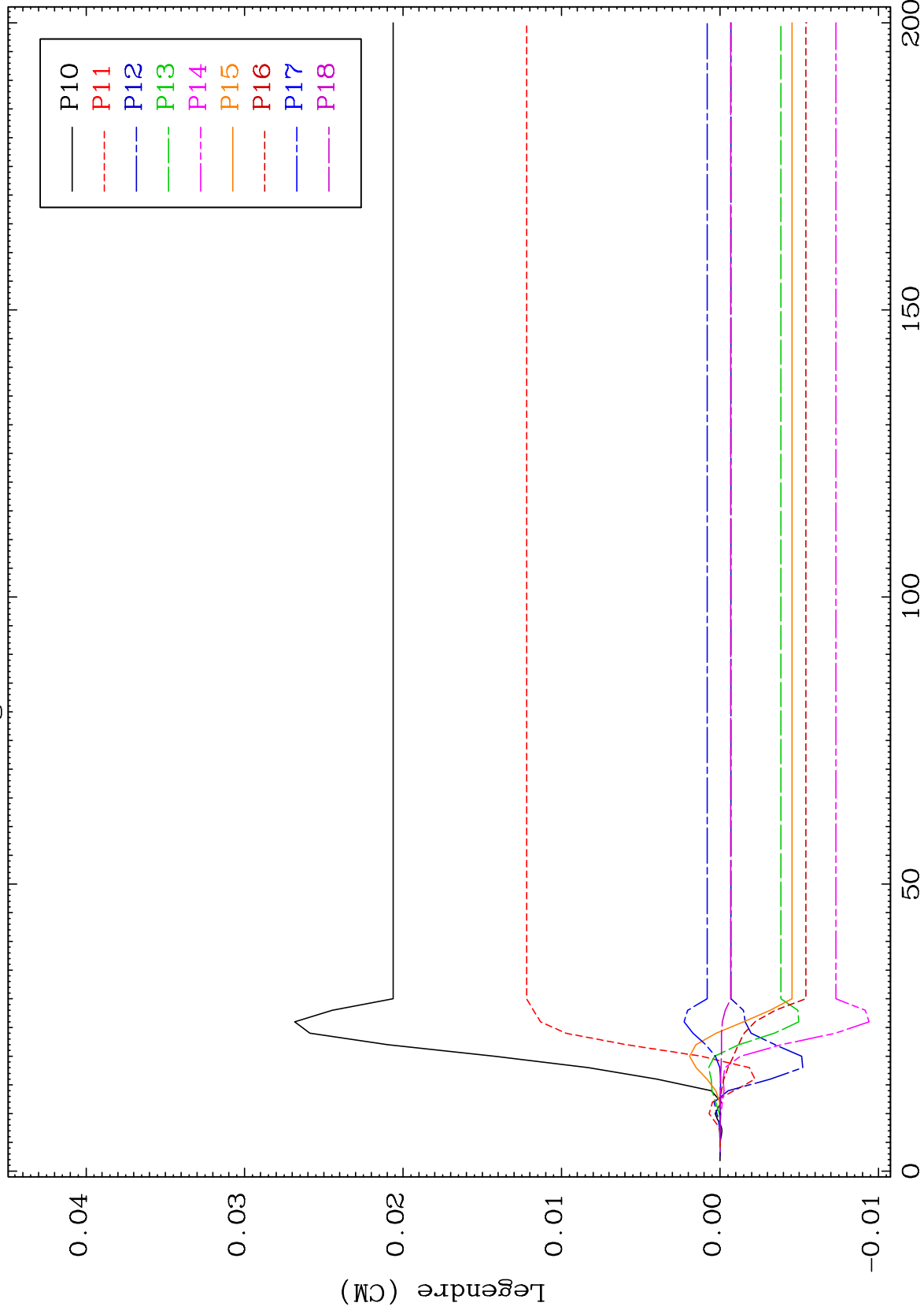
64-Gd-156

Incident Energy (MeV)

MAT 6437

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

64-Gd-156



81

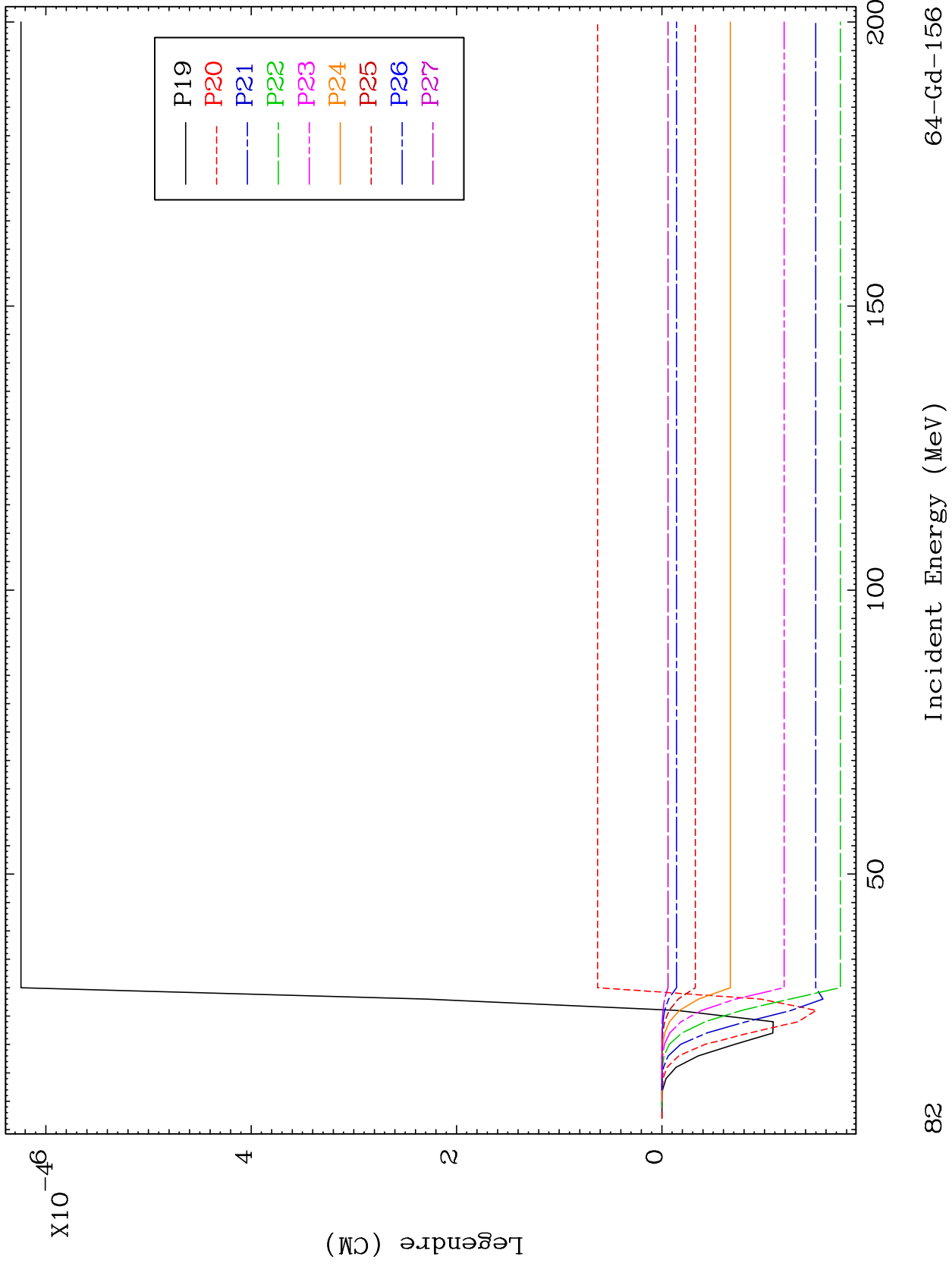
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



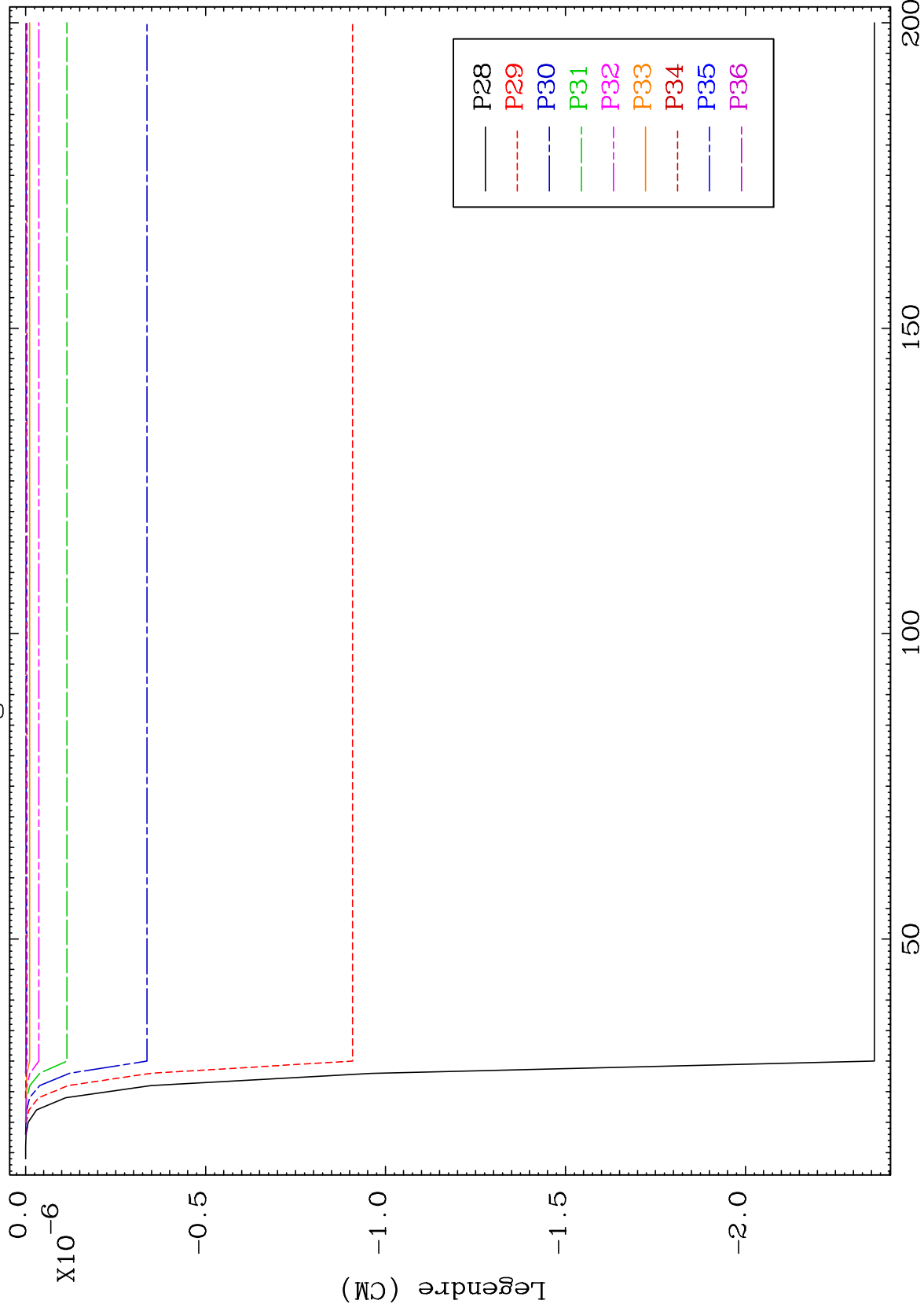
82

64-Gd-156

MAT 6437

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

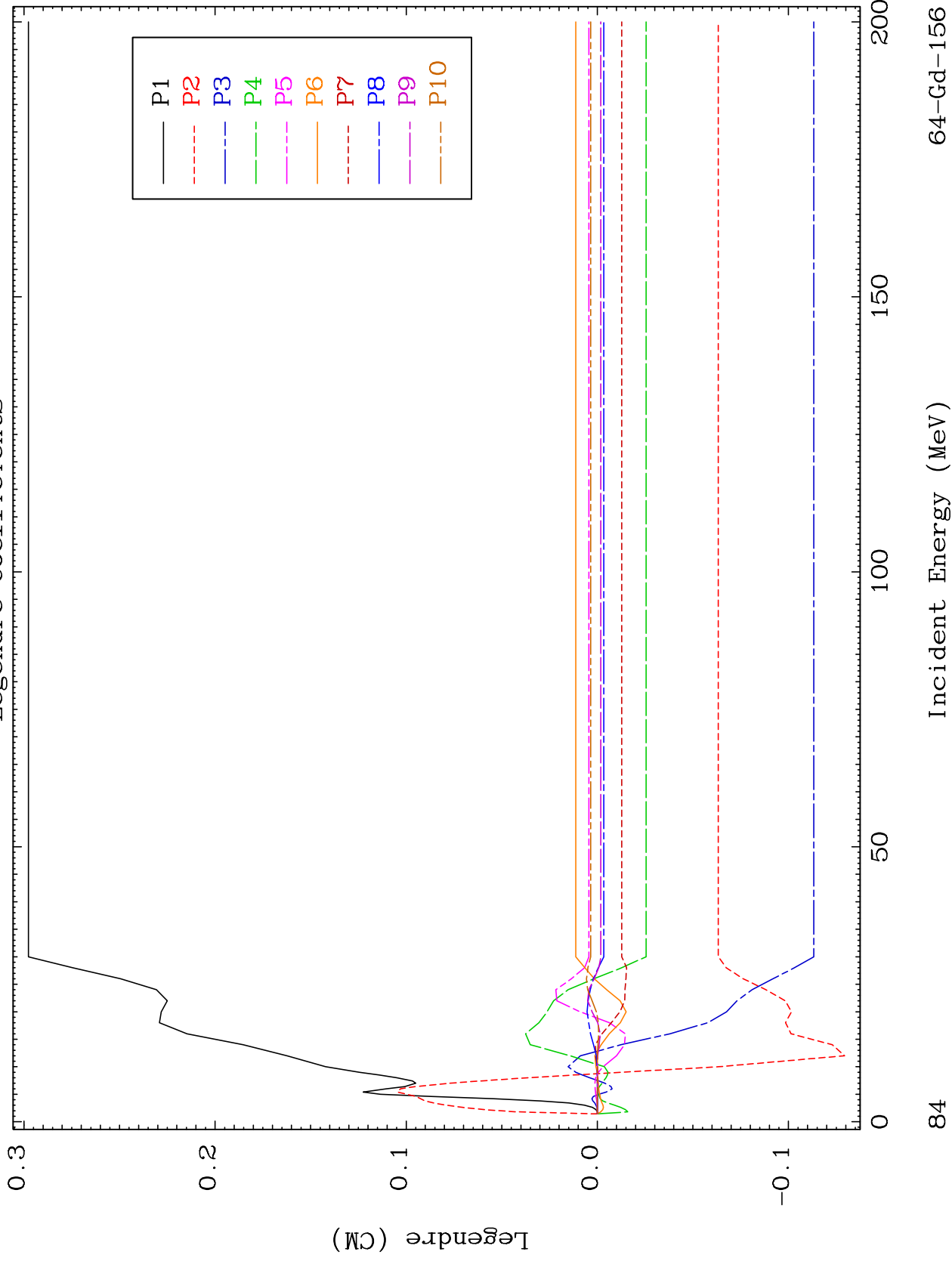
64-Gd-156



MAT 6437

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

64-Gd-156



84

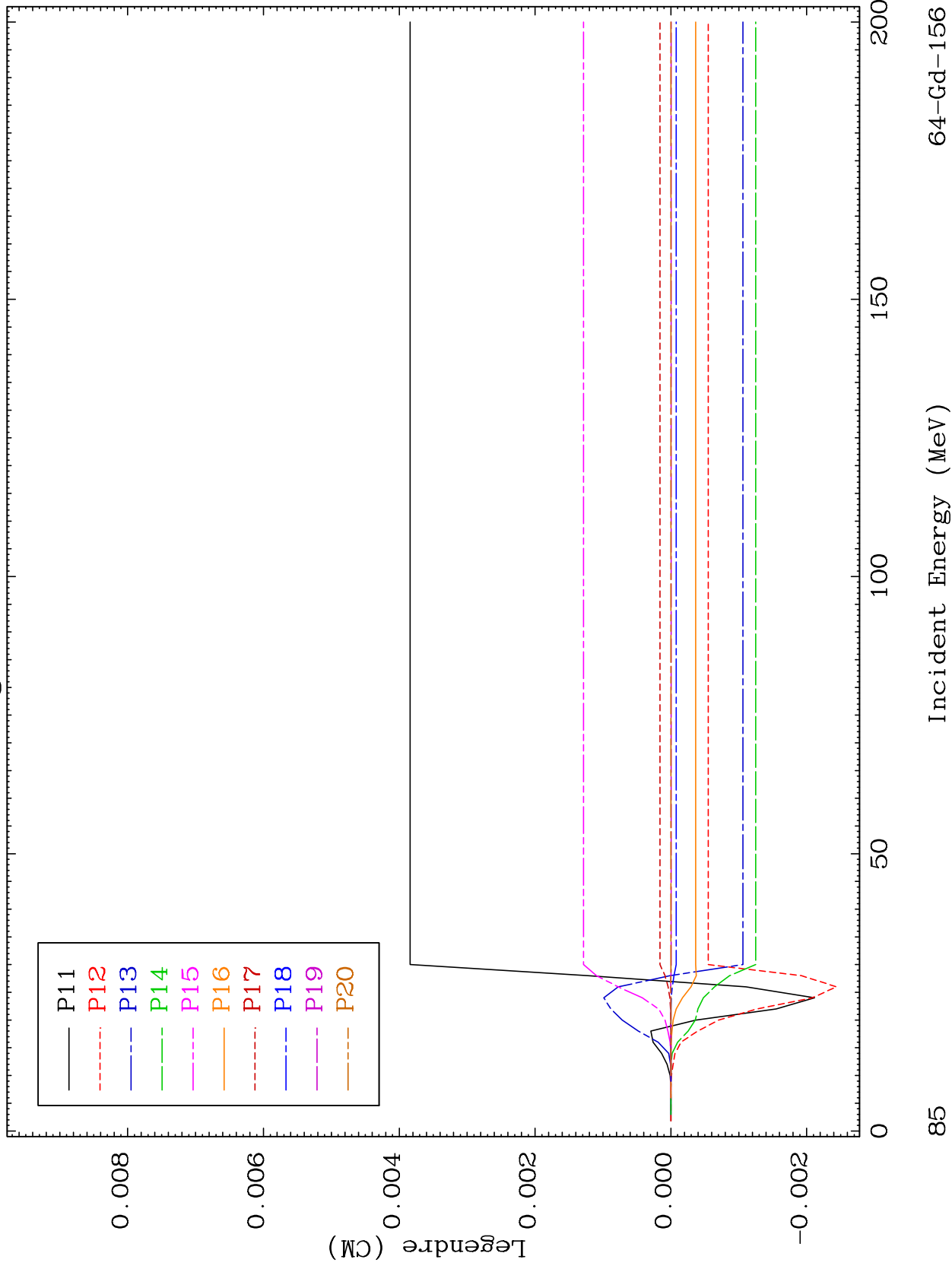
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

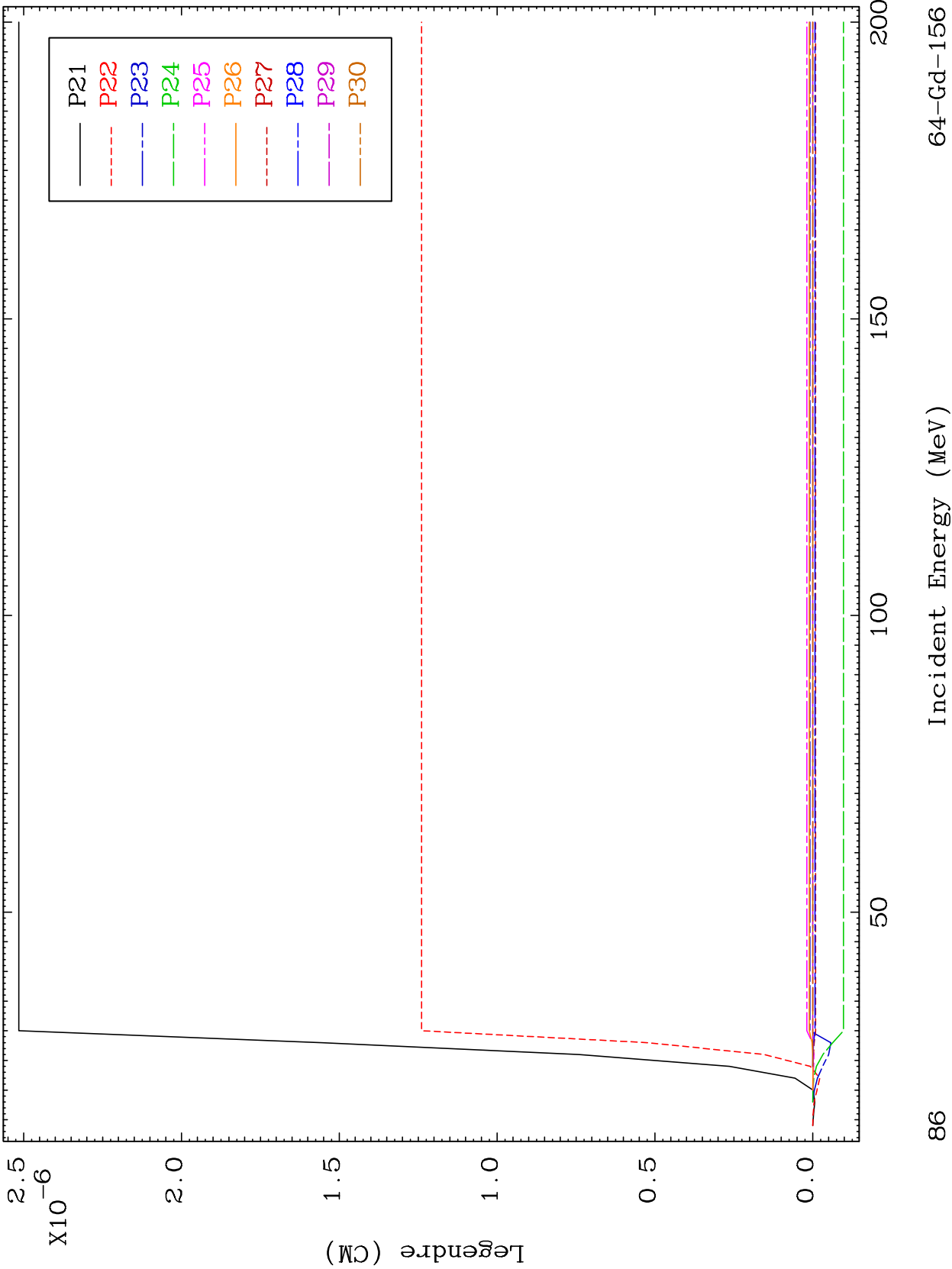
Incident Energy (MeV)

85

MAT 6437

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

64-Gd-156



86

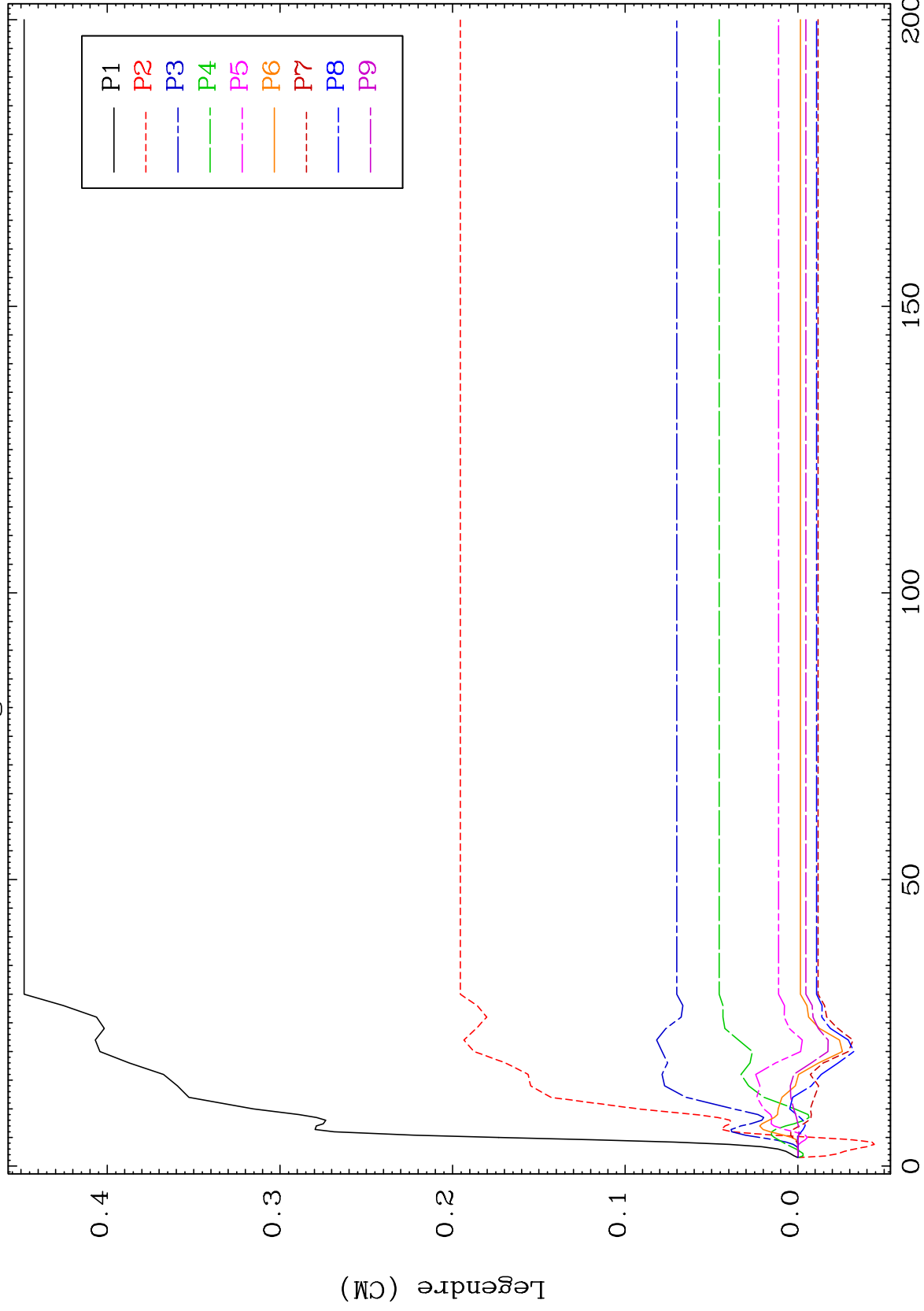
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



87

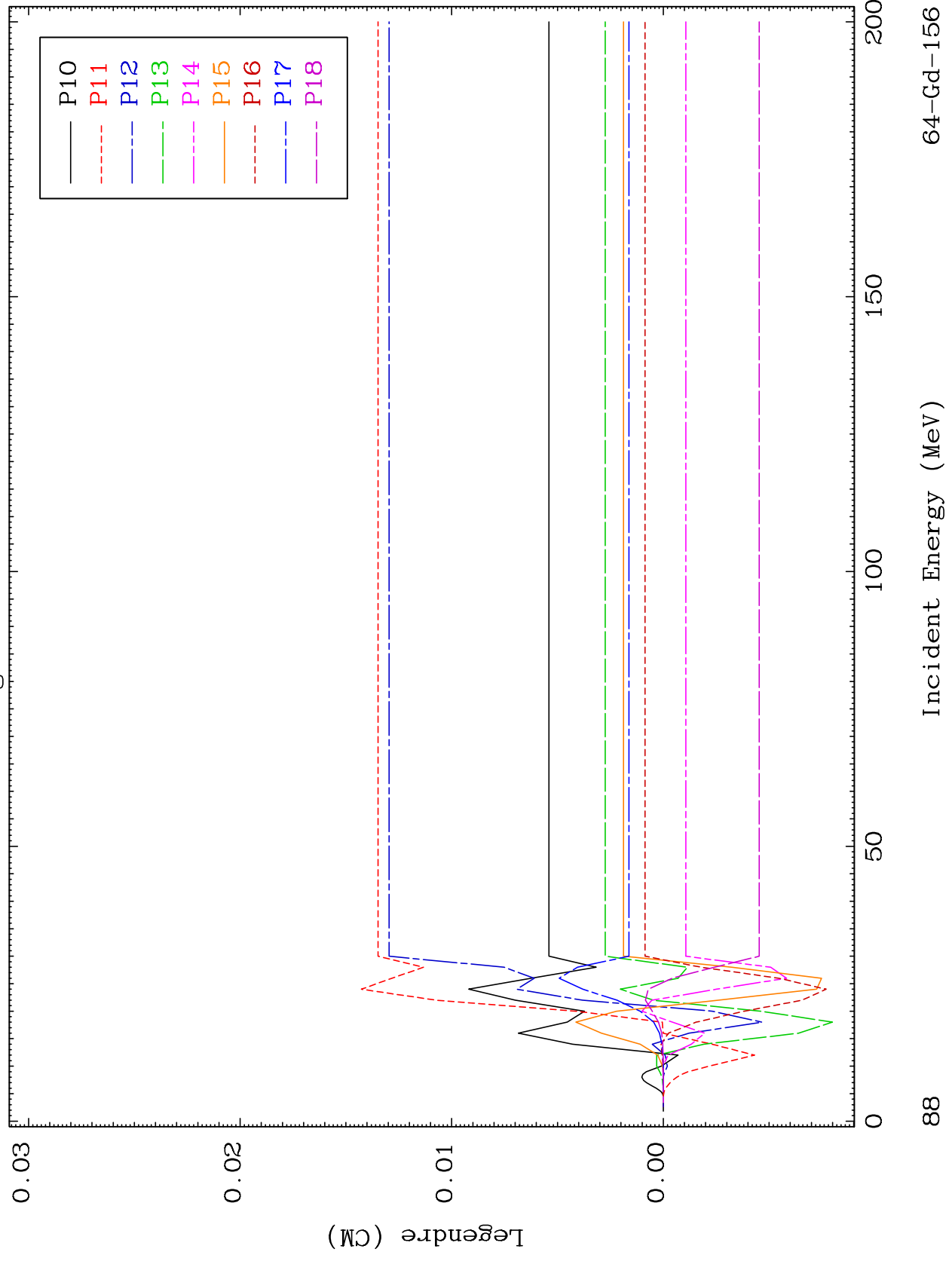
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

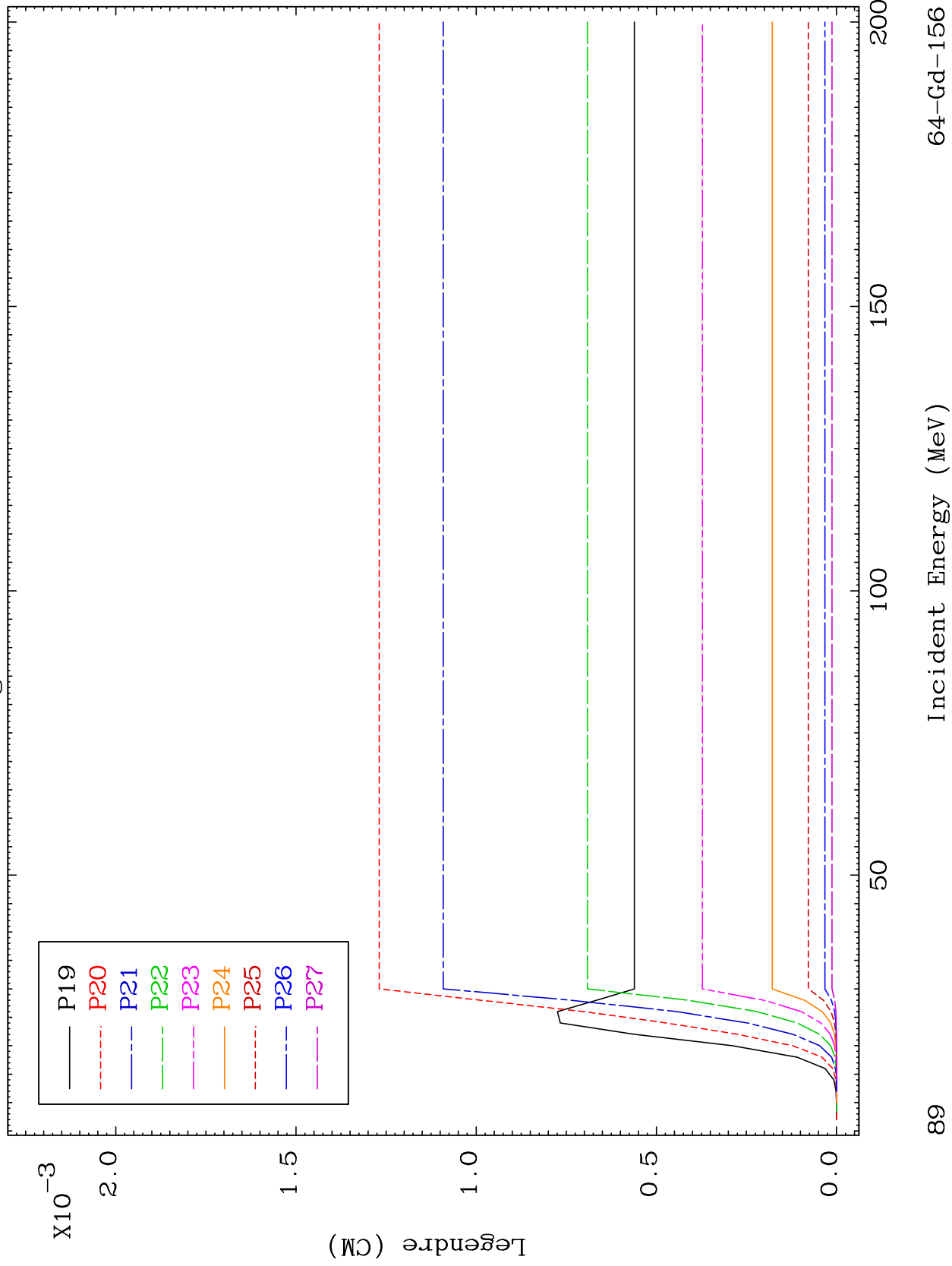
Incident Energy (MeV)

88

MAT 6437

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

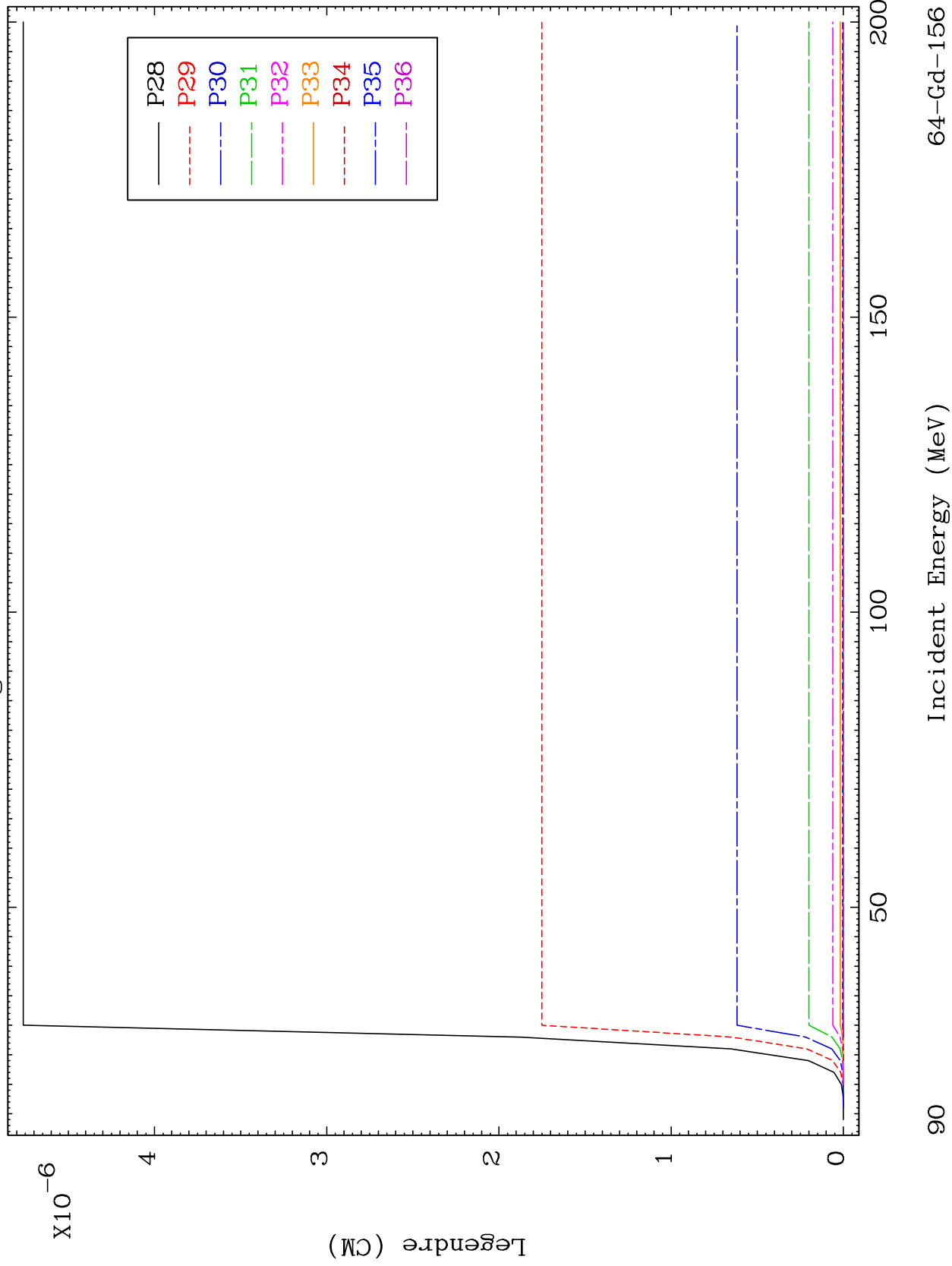
64-Gd-156



MAT 6437

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

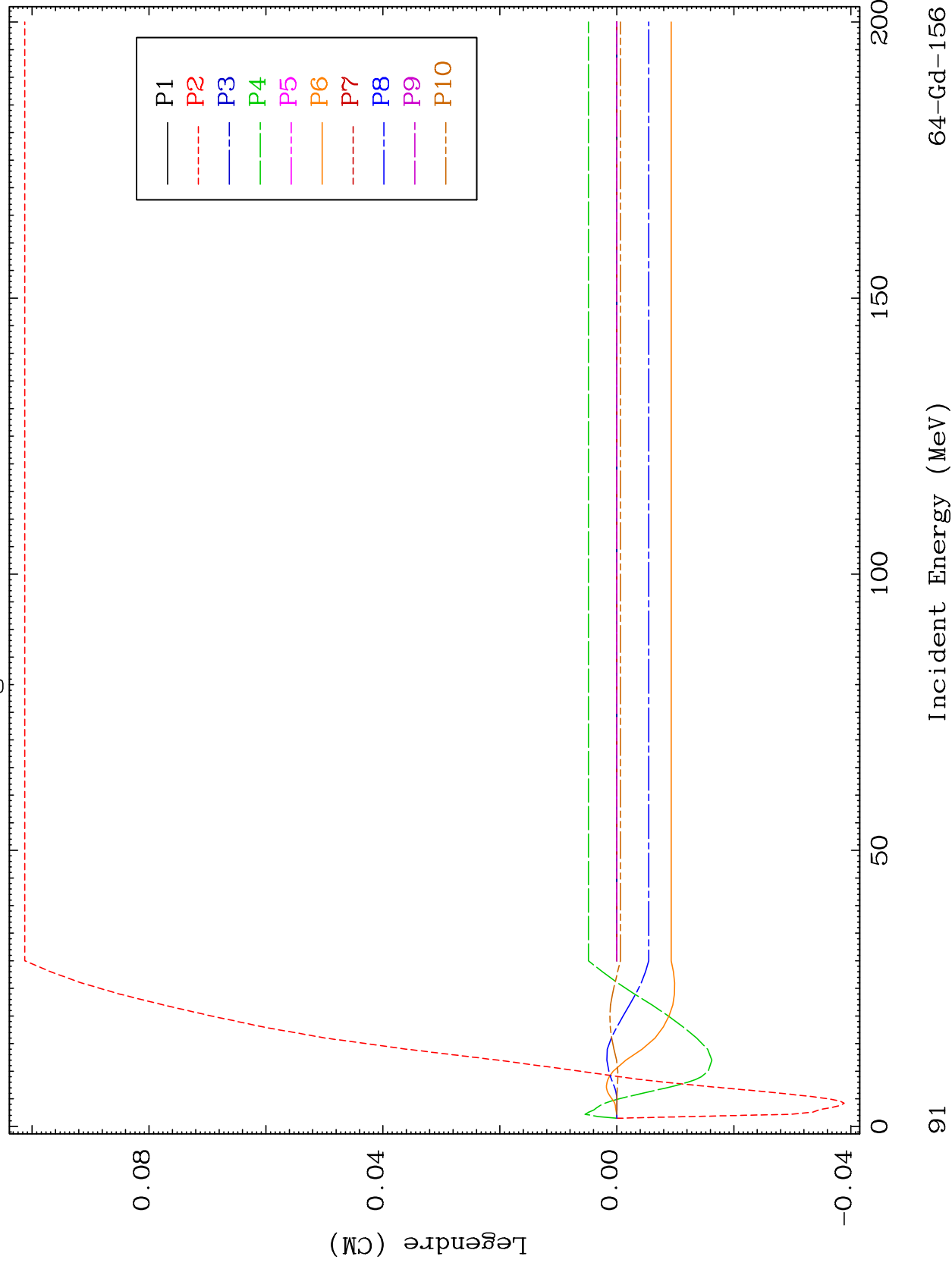
64-Gd-156



MAT 6437

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

64-Gd-156



91

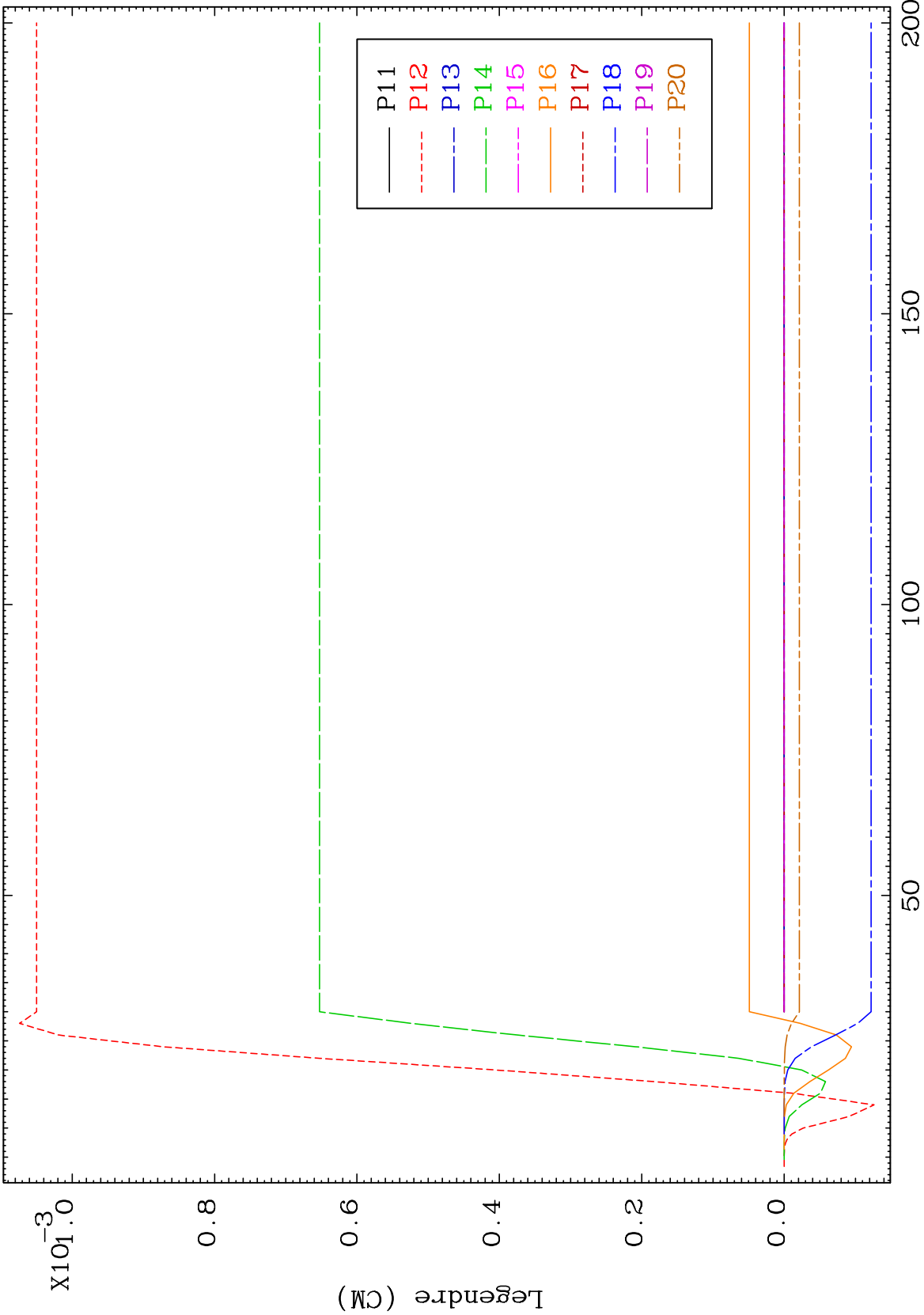
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



92

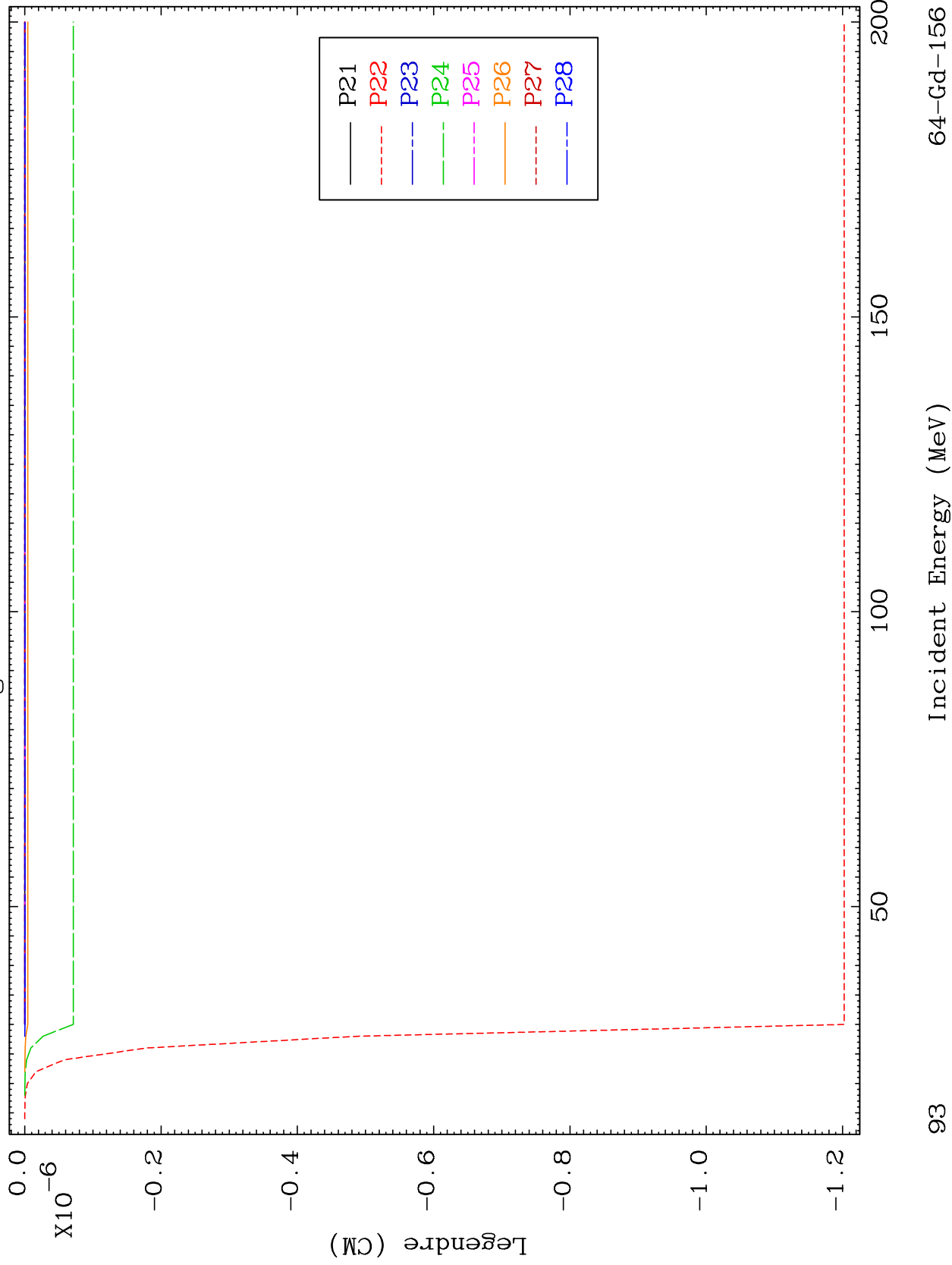
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

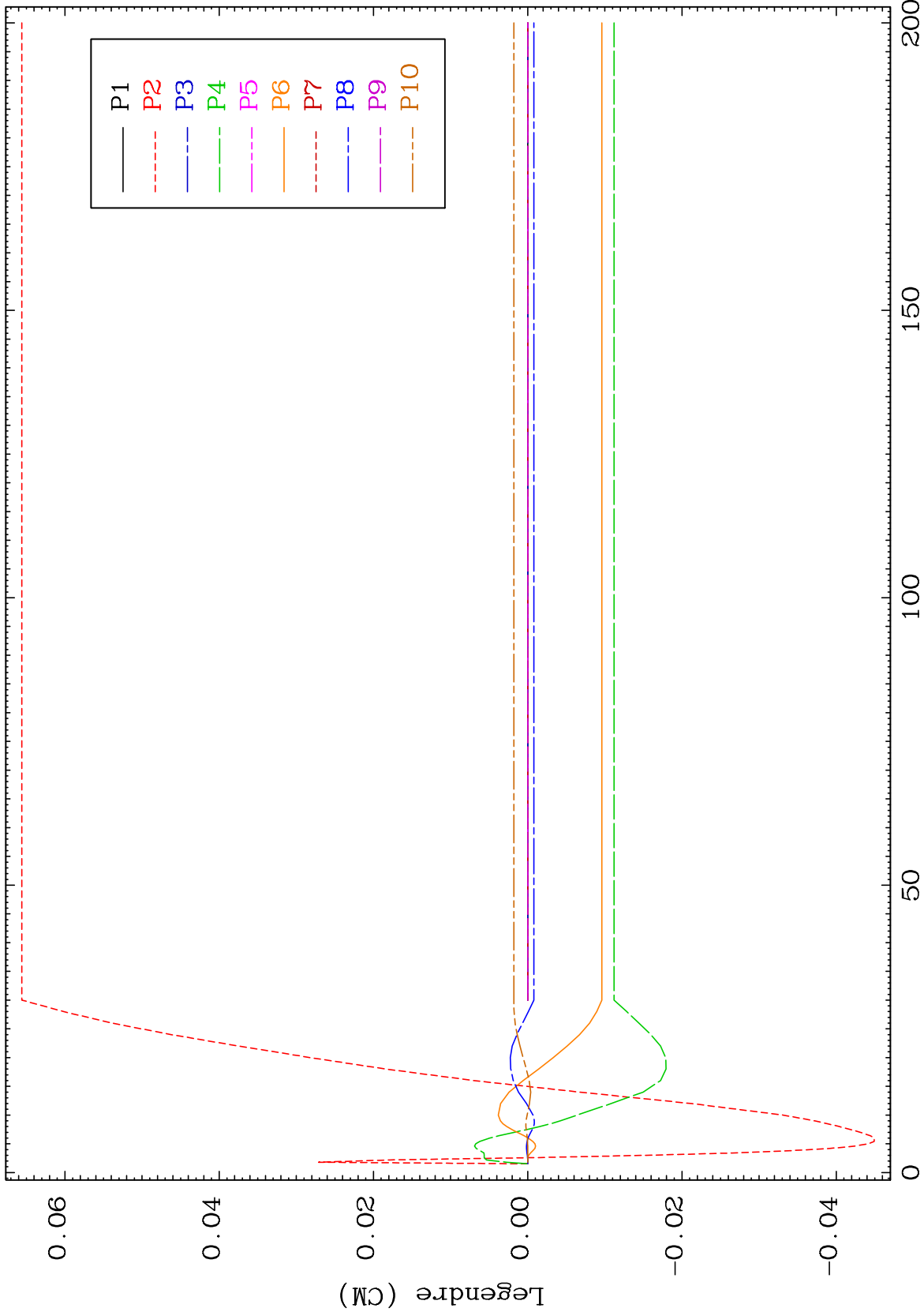
64-Gd-156



MAT 6437

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

64-Gd-156



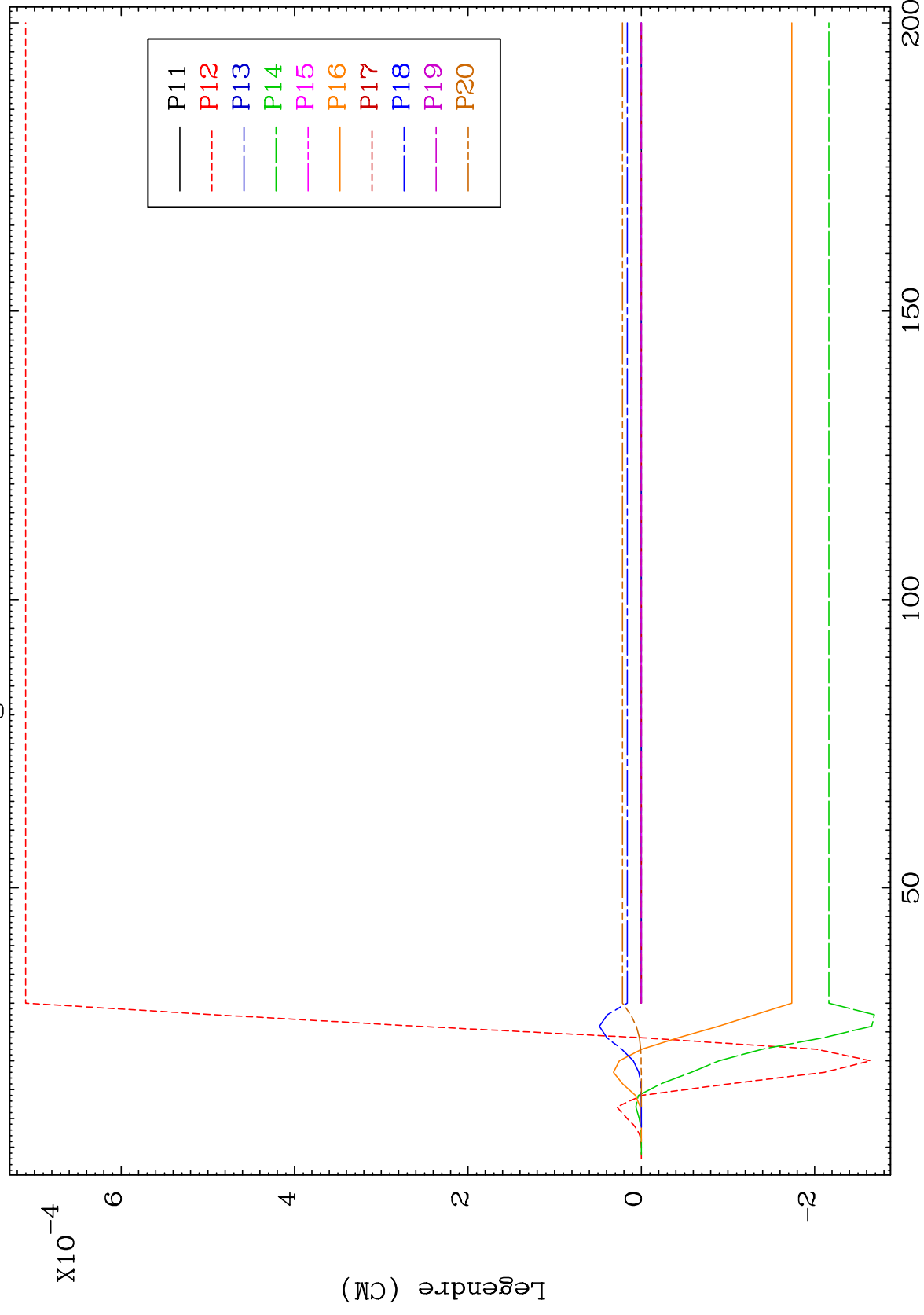
94

64-Gd-156

MAT 6437

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

64-Gd-156



95

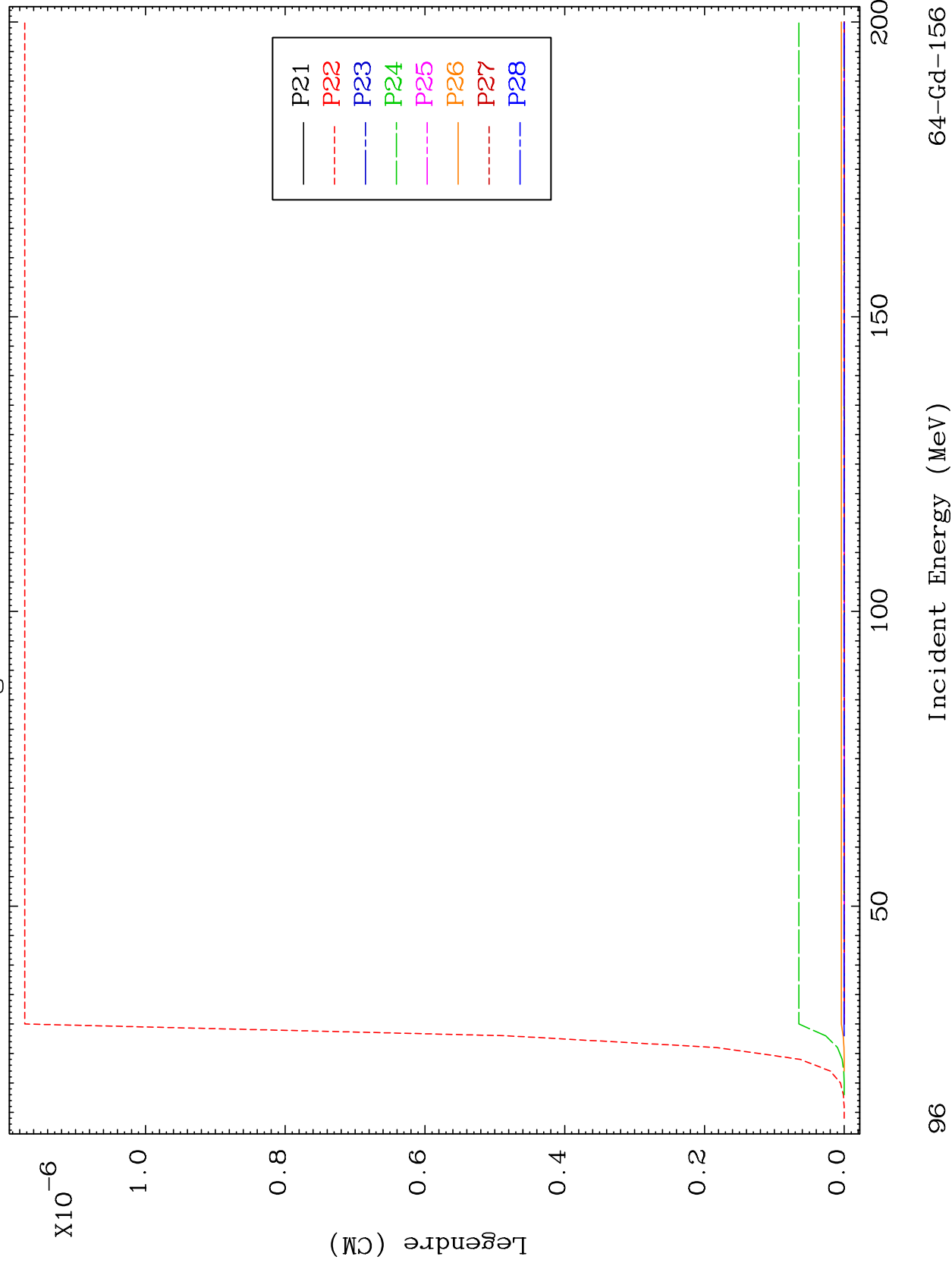
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

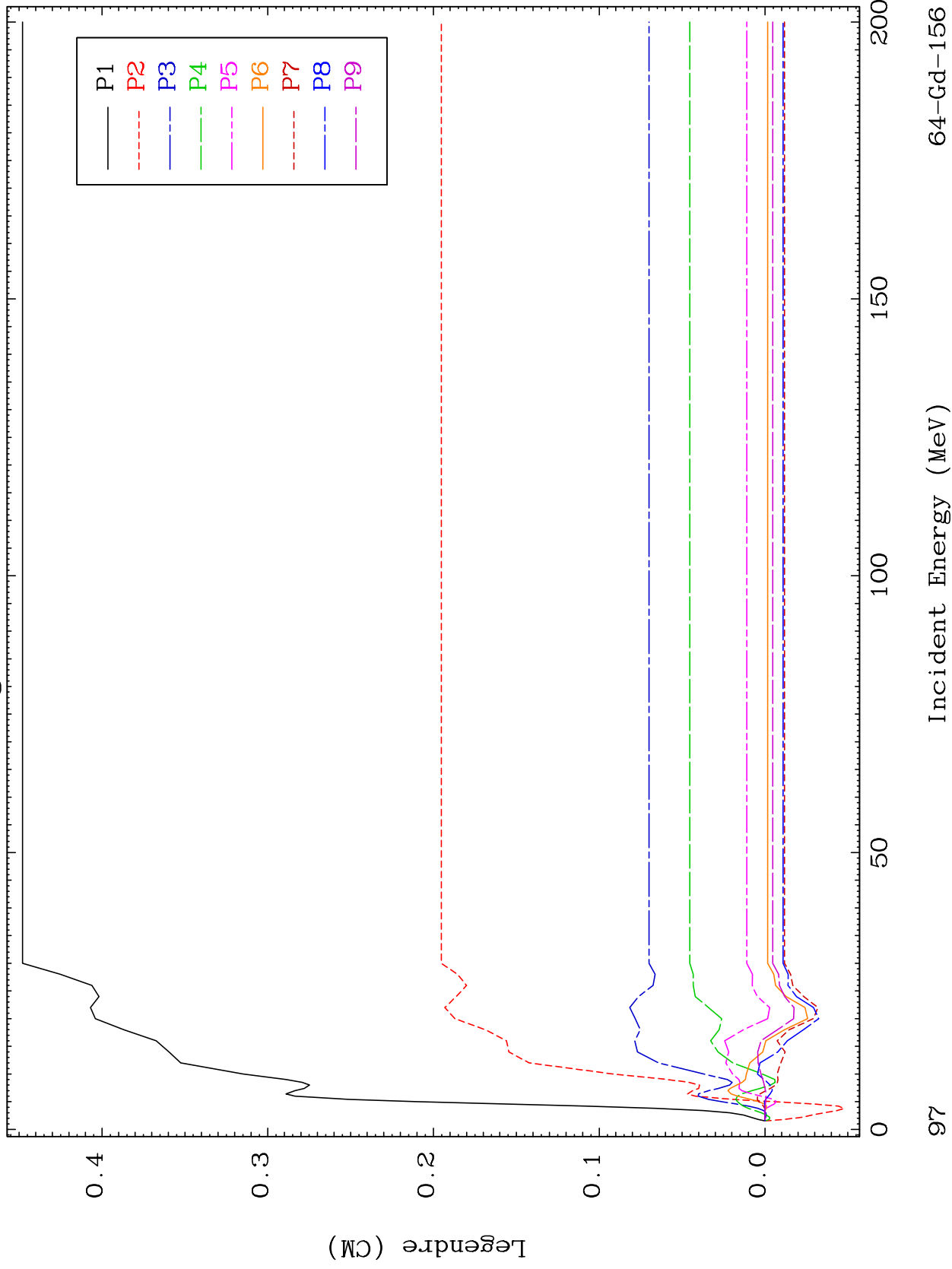
64-Gd-156



MAT 6437

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

64-Gd-156



64-Gd-156

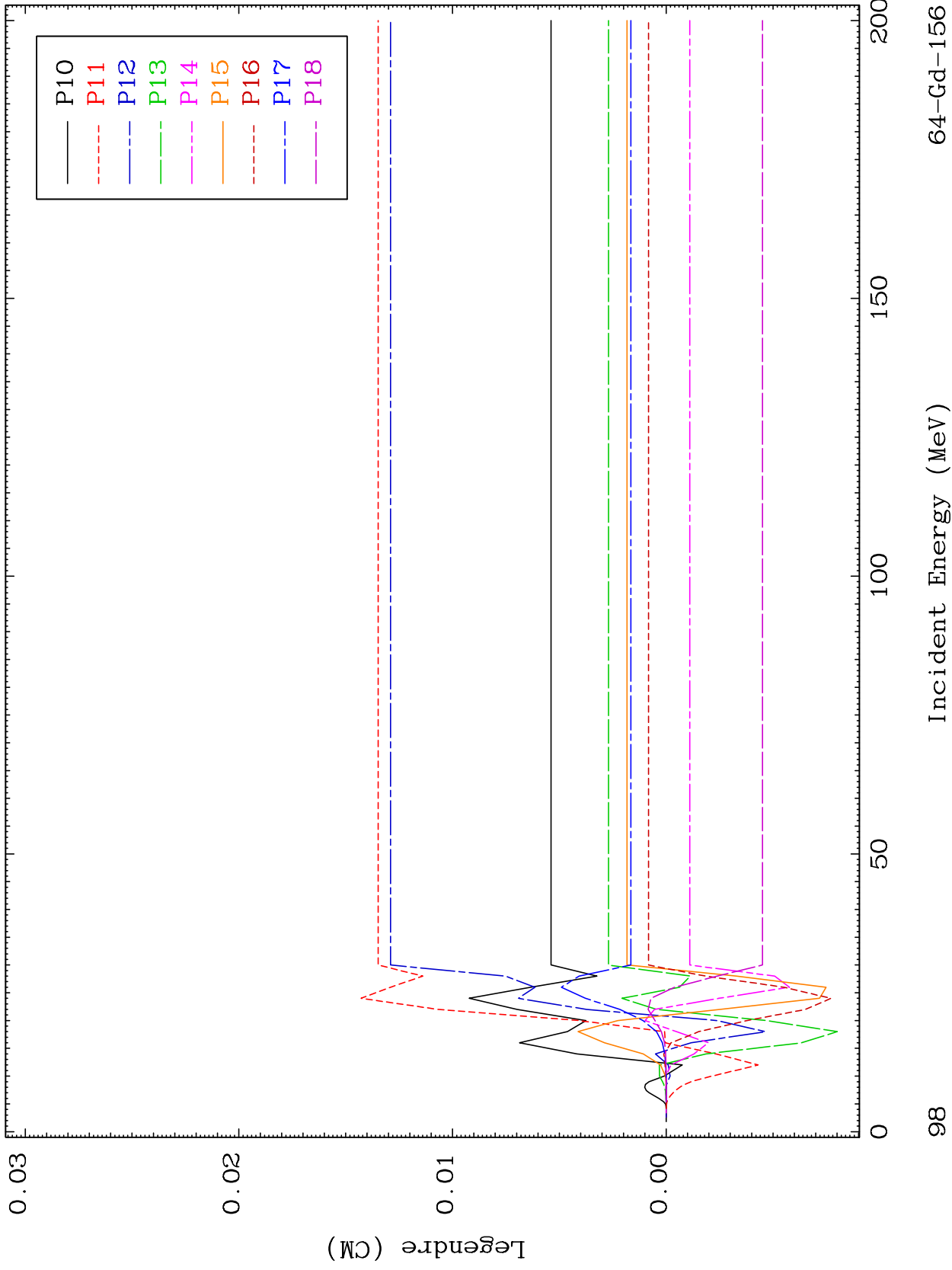
Incident Energy (MeV)

97

MAT 6437

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

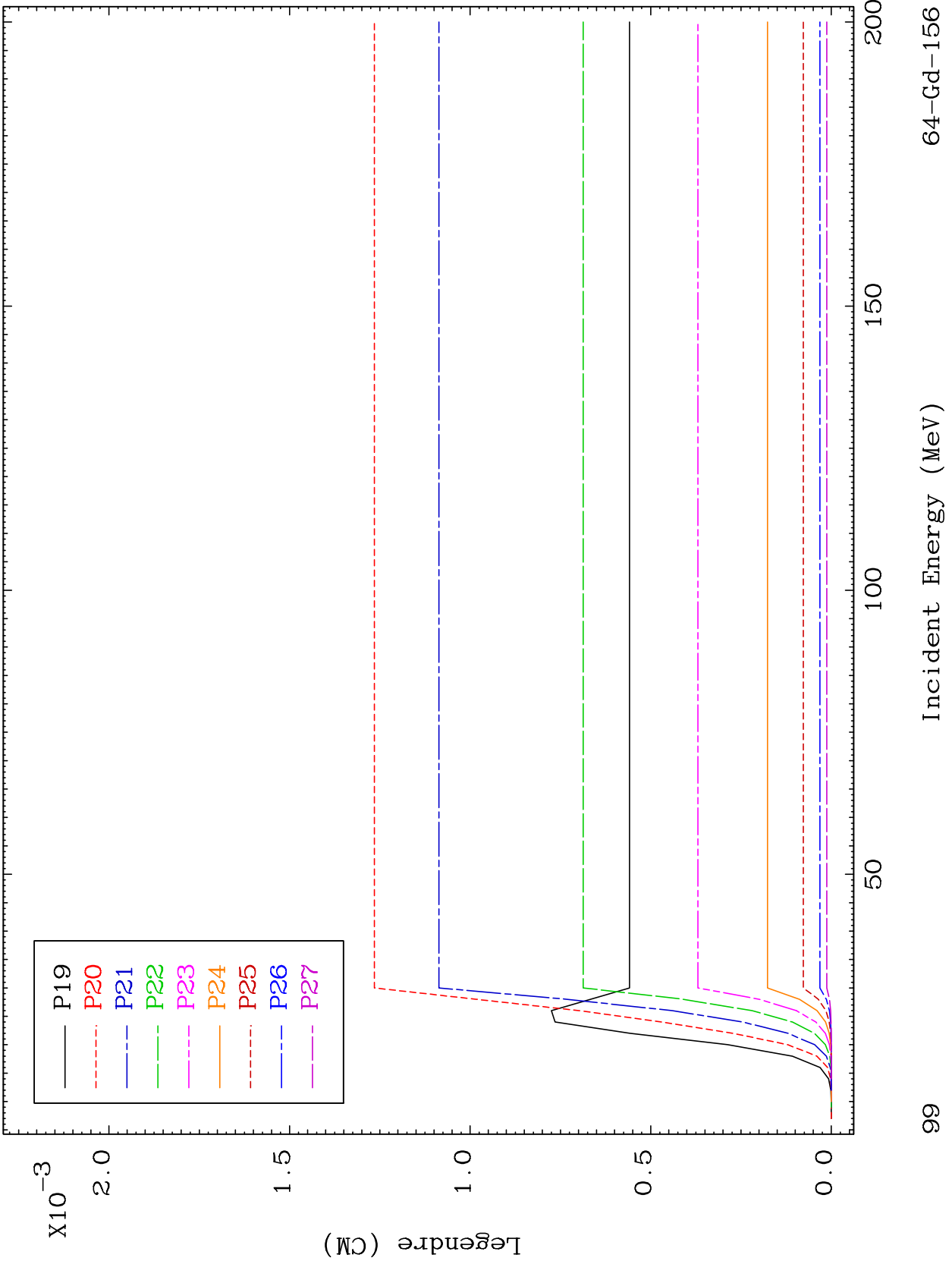
64-Gd-156



64-Gd-156

Incident Energy (MeV)

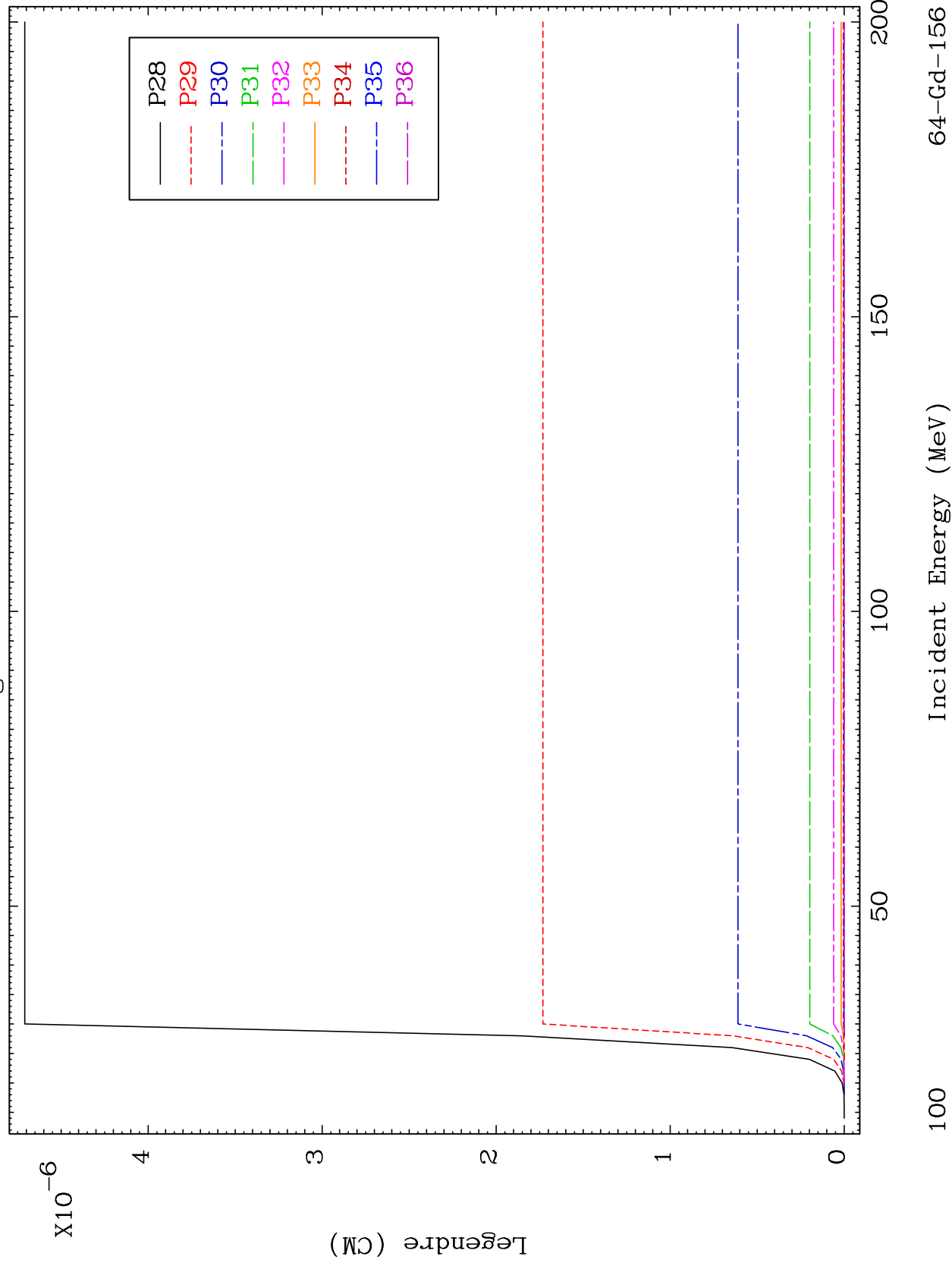
98



MAT 6437

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

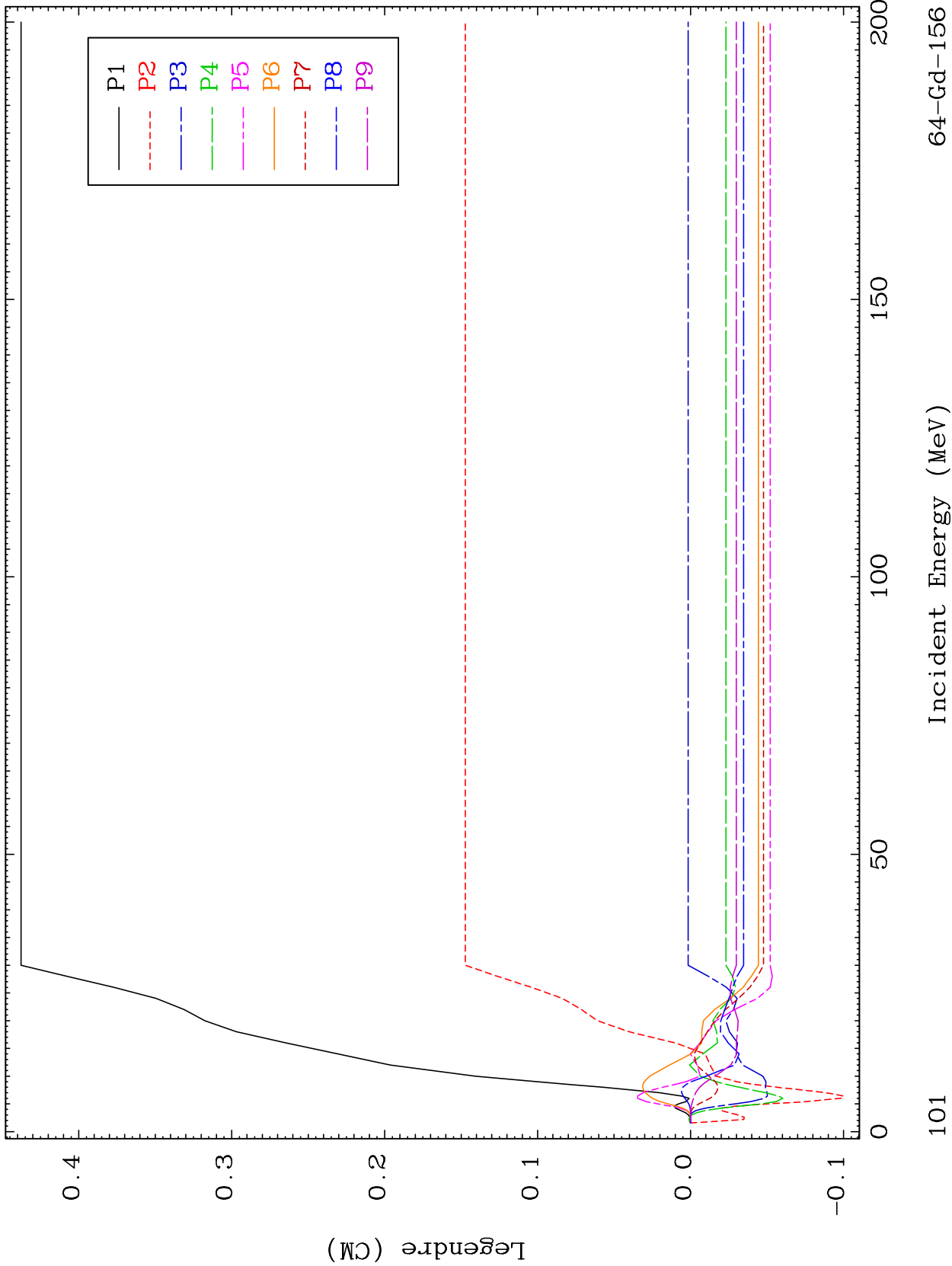
64-Gd-156



MAT 6437

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

64-Gd-156



64-Gd-156

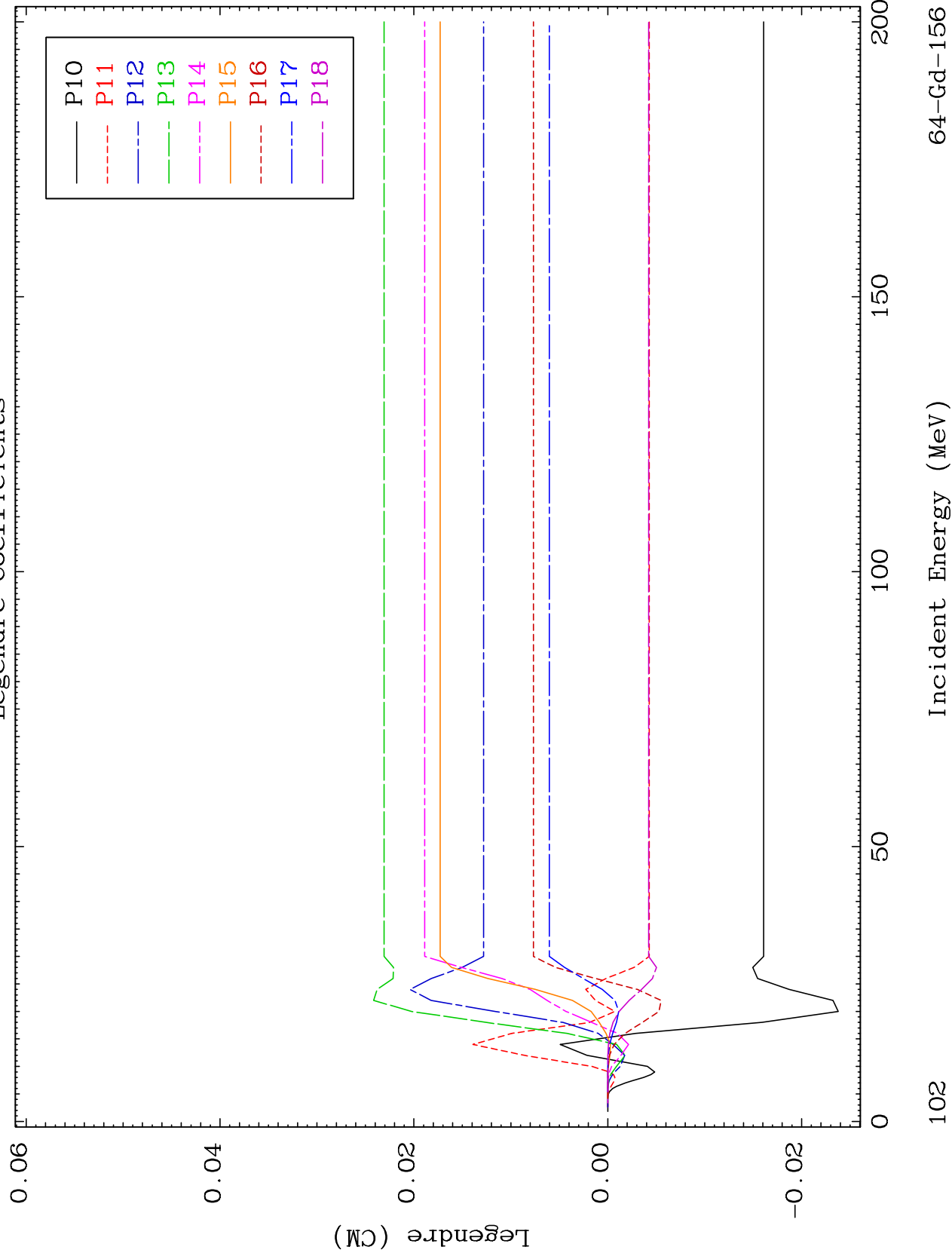
Incident Energy (MeV)

101

MAT 6437

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

64-Gd-156



64-Gd-156

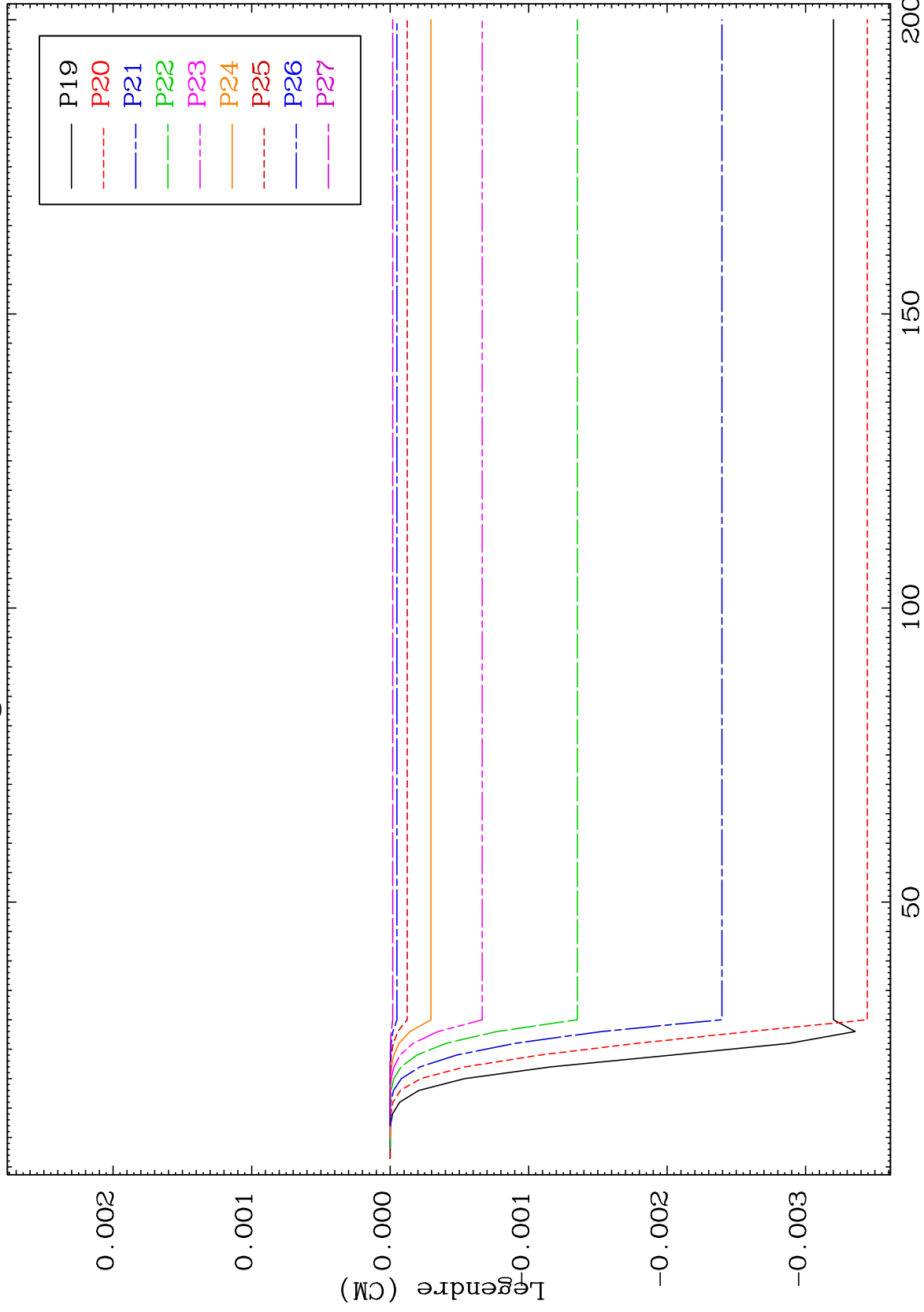
Incident Energy (MeV)

102

MAT 6437

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

64-Gd-156



103

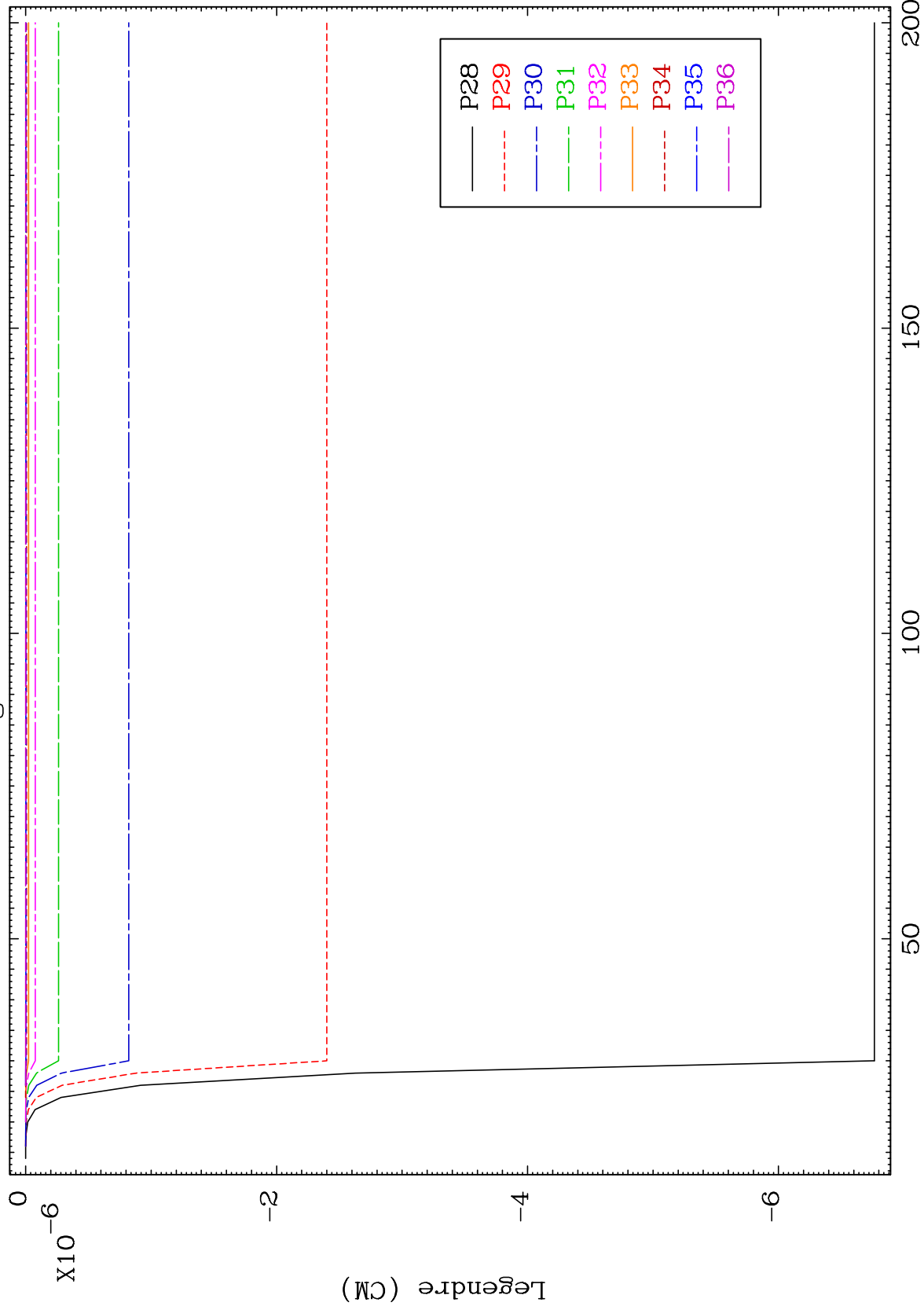
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



104

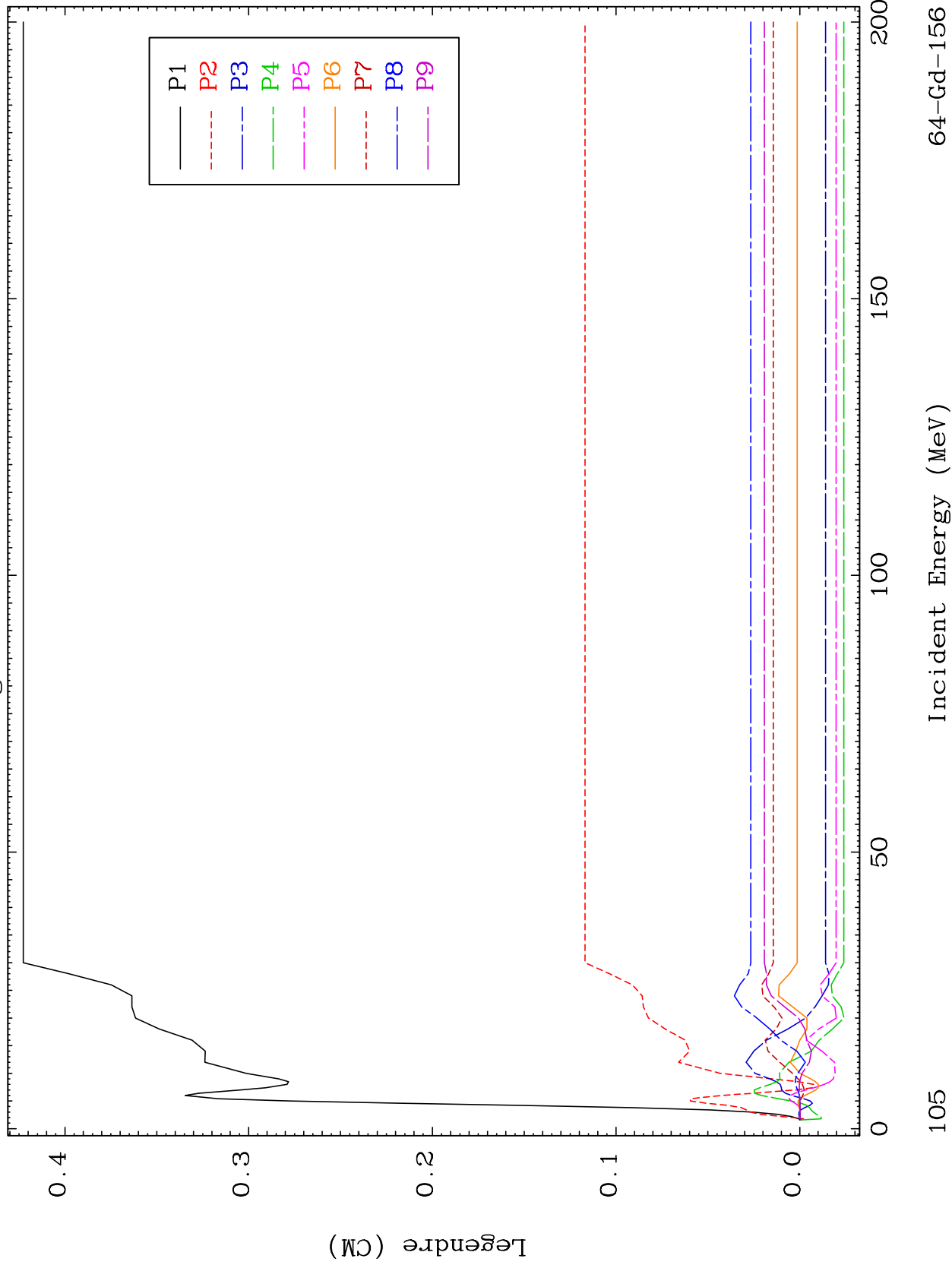
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156

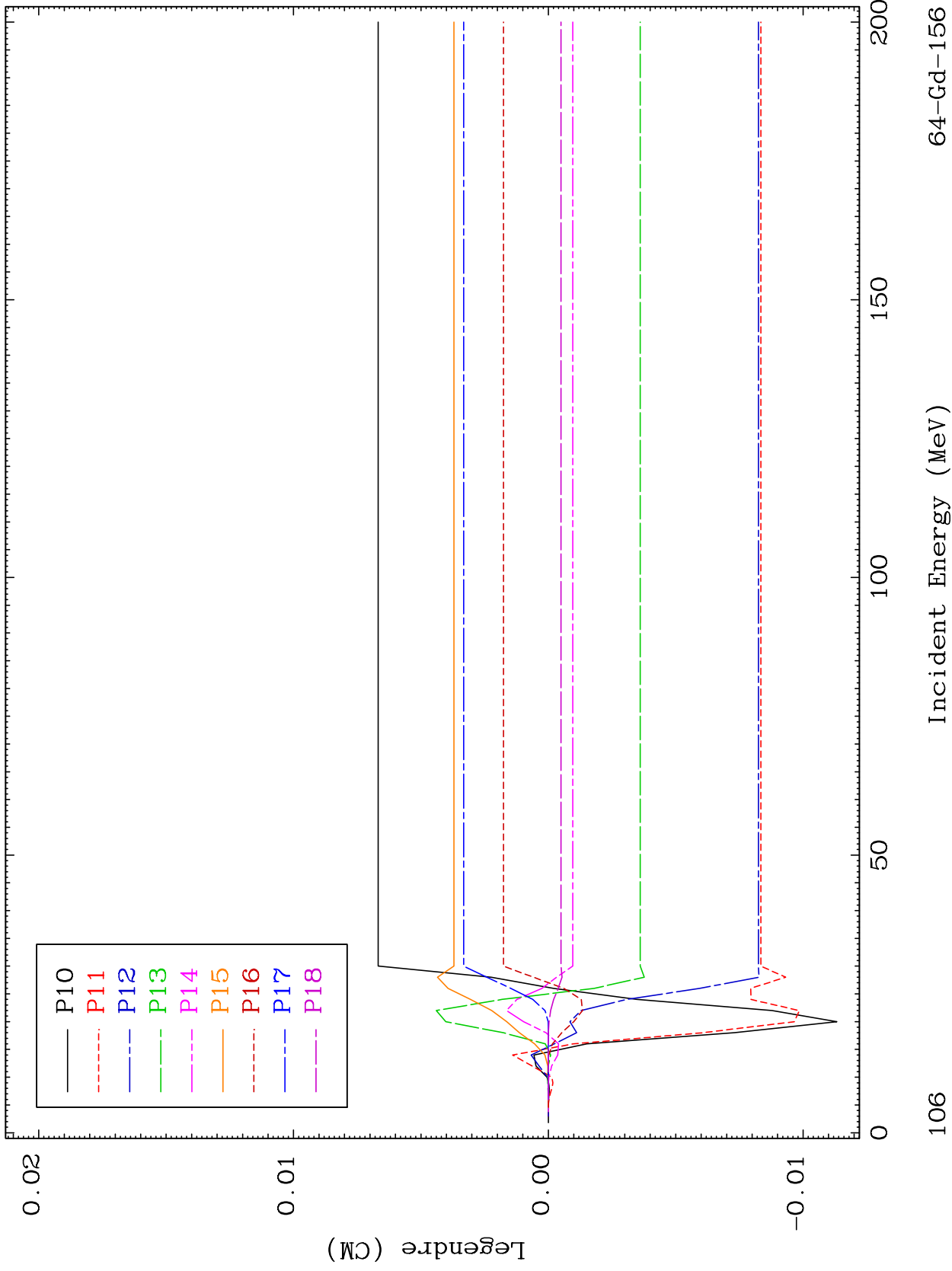


64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

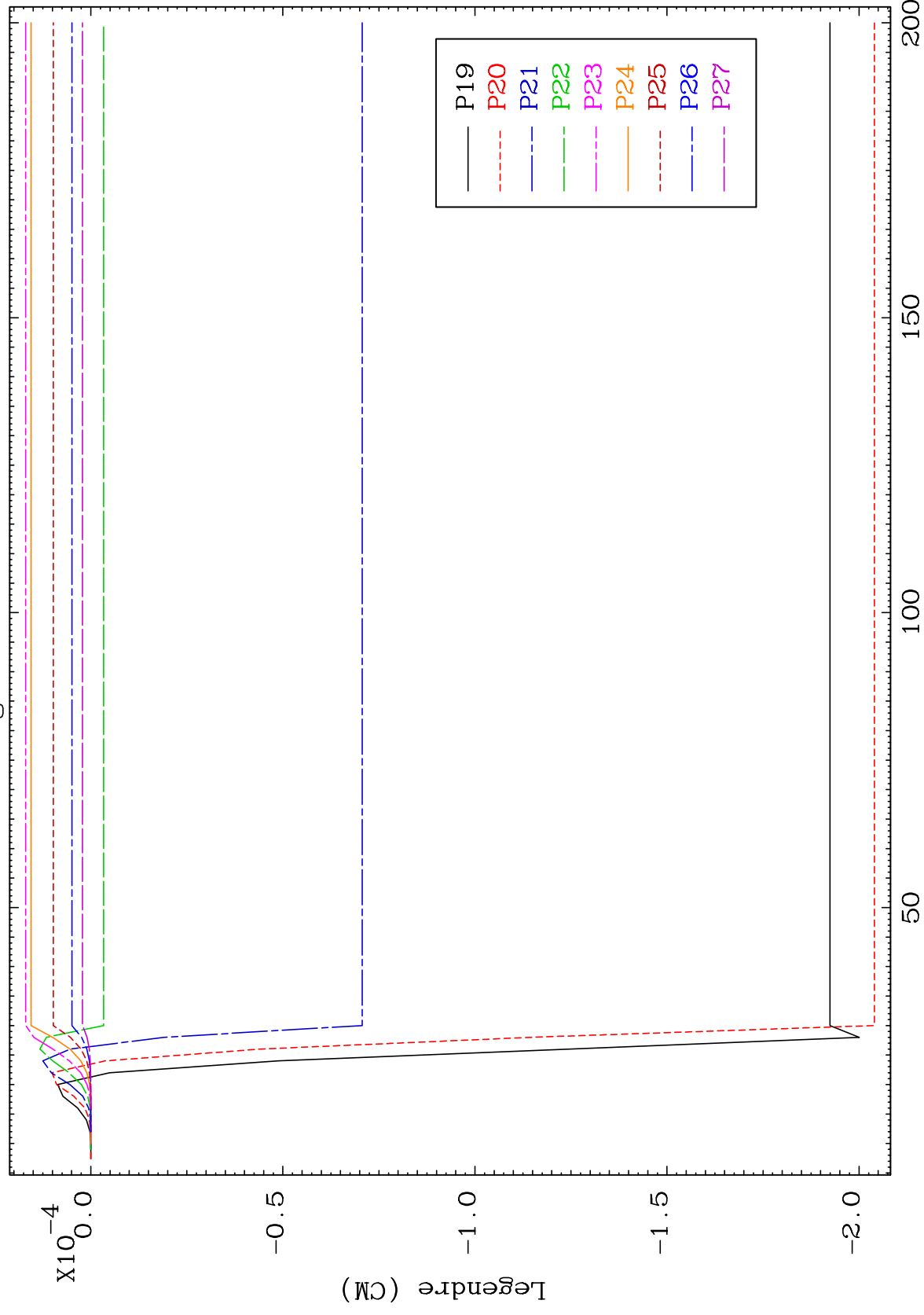
Incident Energy (MeV)

106

MAT 6437

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

64-Gd-156



107

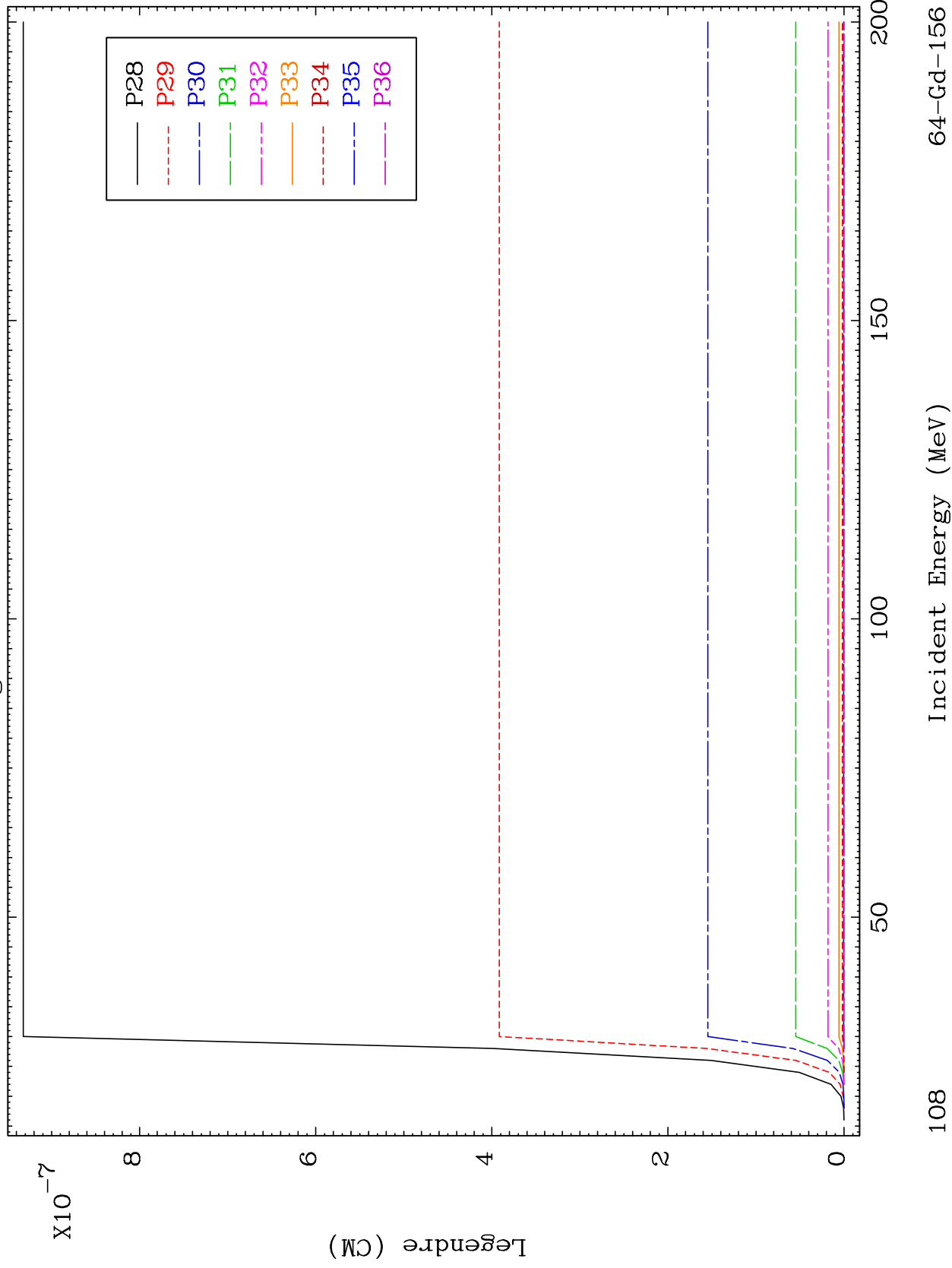
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

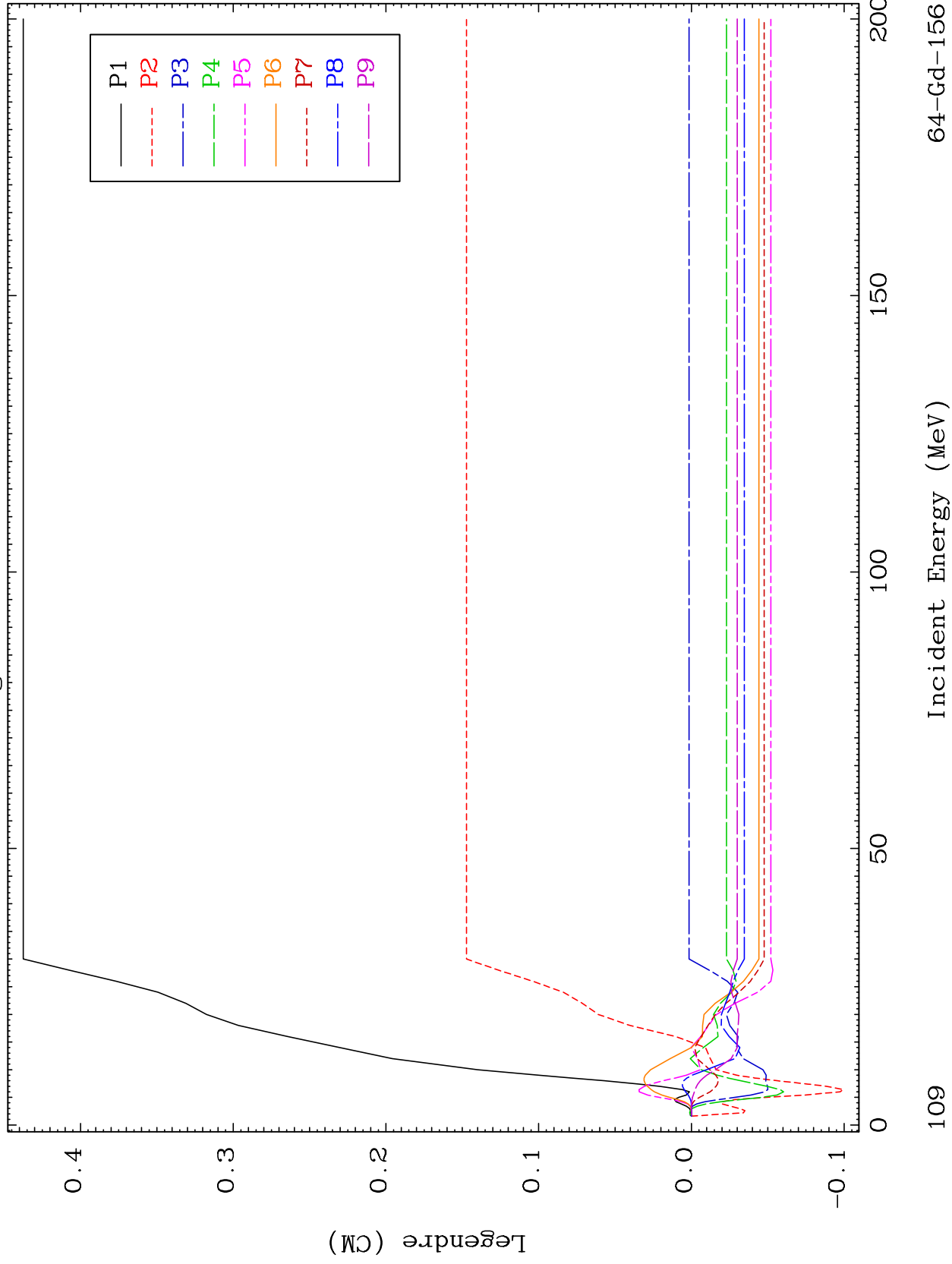
64-Gd-156



MAT 6437

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

64-Gd-156



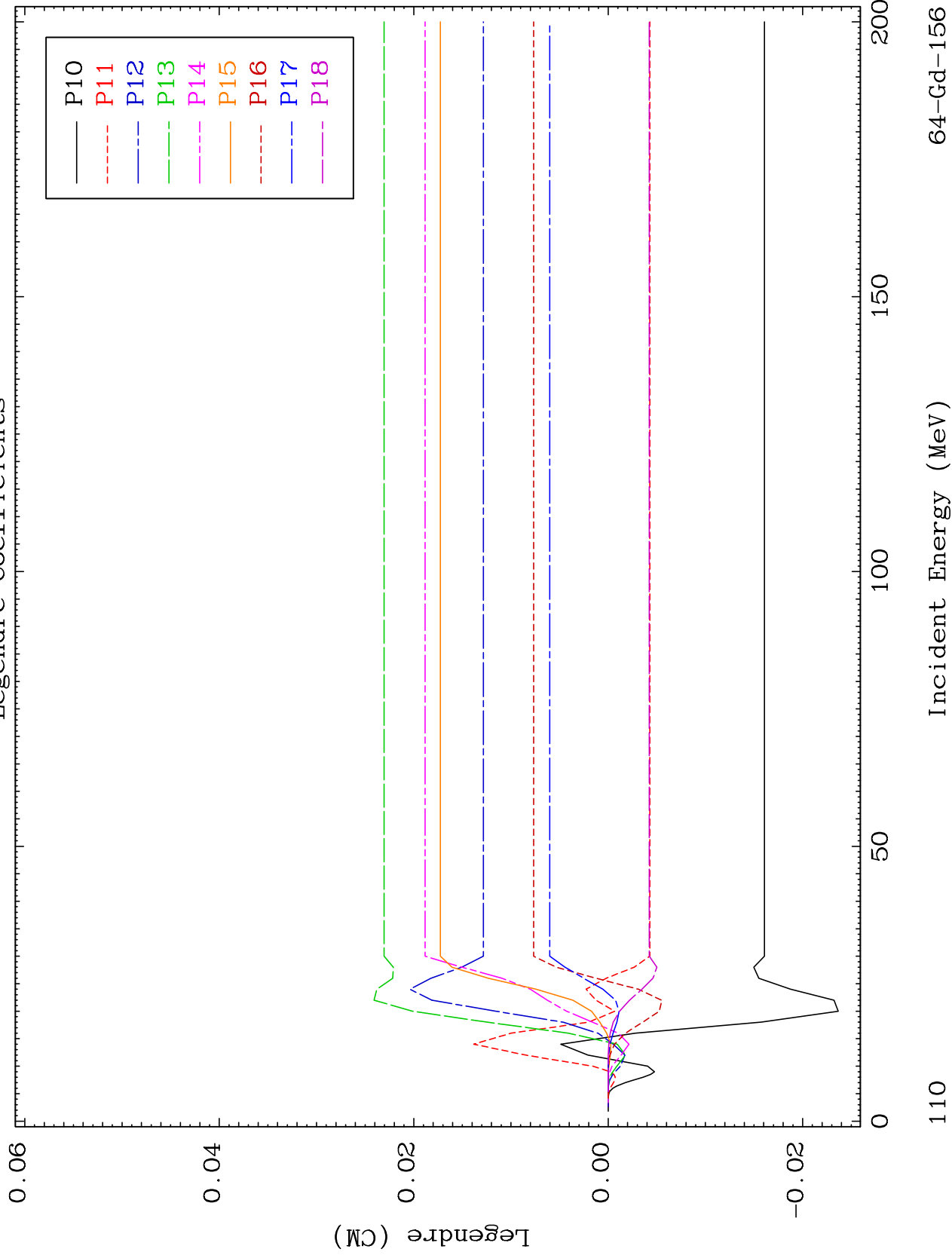
109

64-Gd-156

MAT 6437

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

64-Gd-156



64-Gd-156

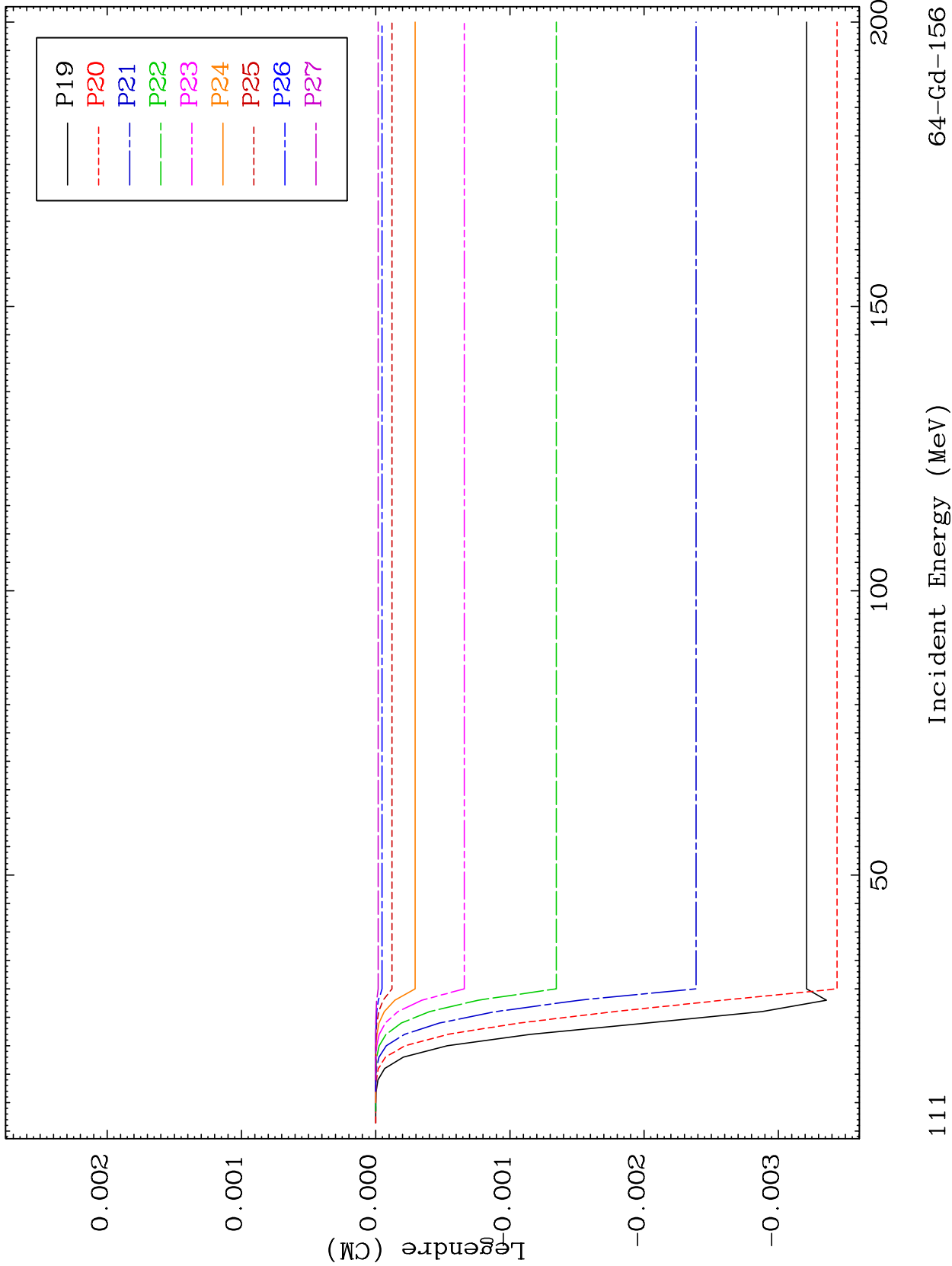
Incident Energy (MeV)

110

MAT 6437

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

64-Gd-156



111

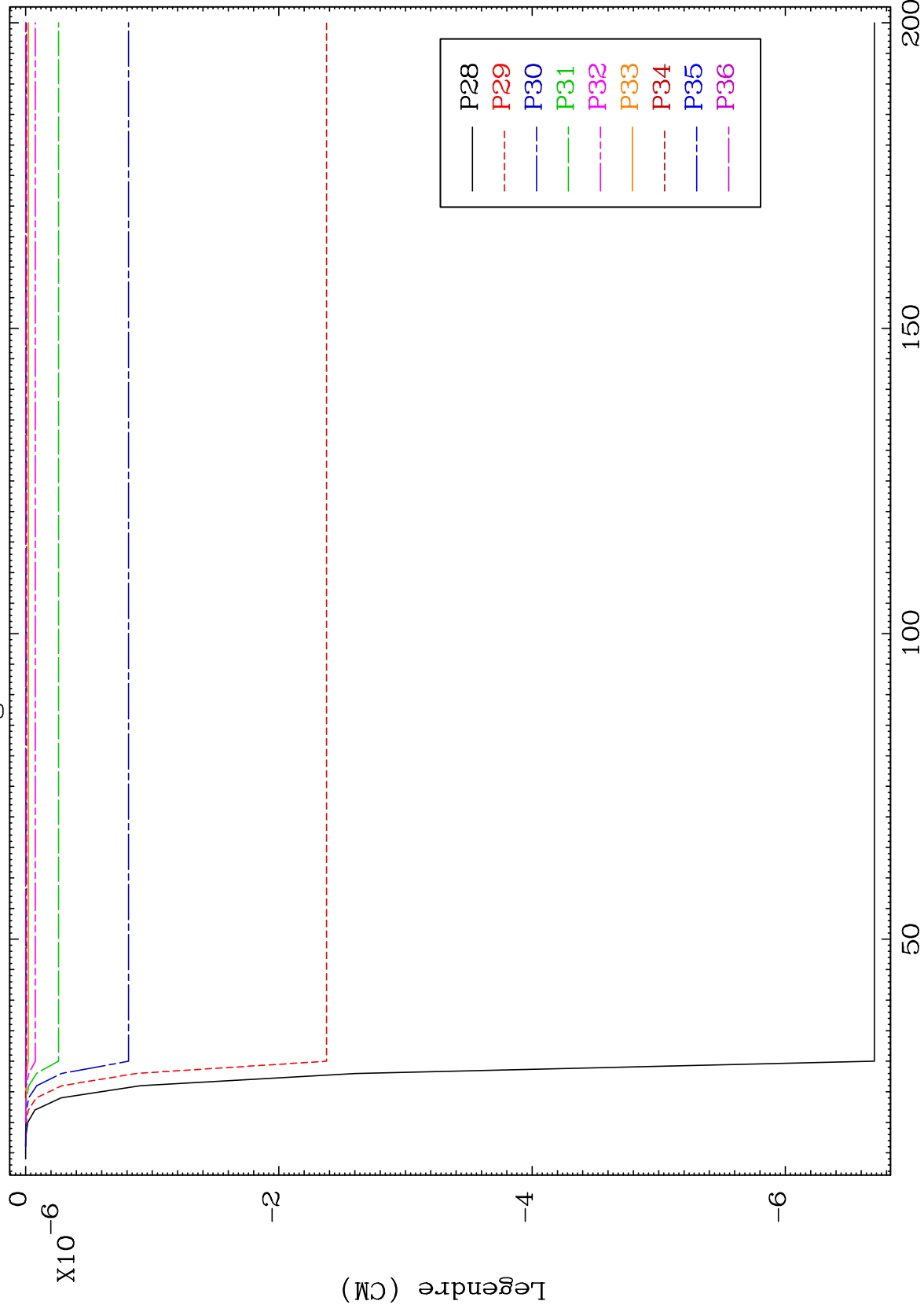
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



112

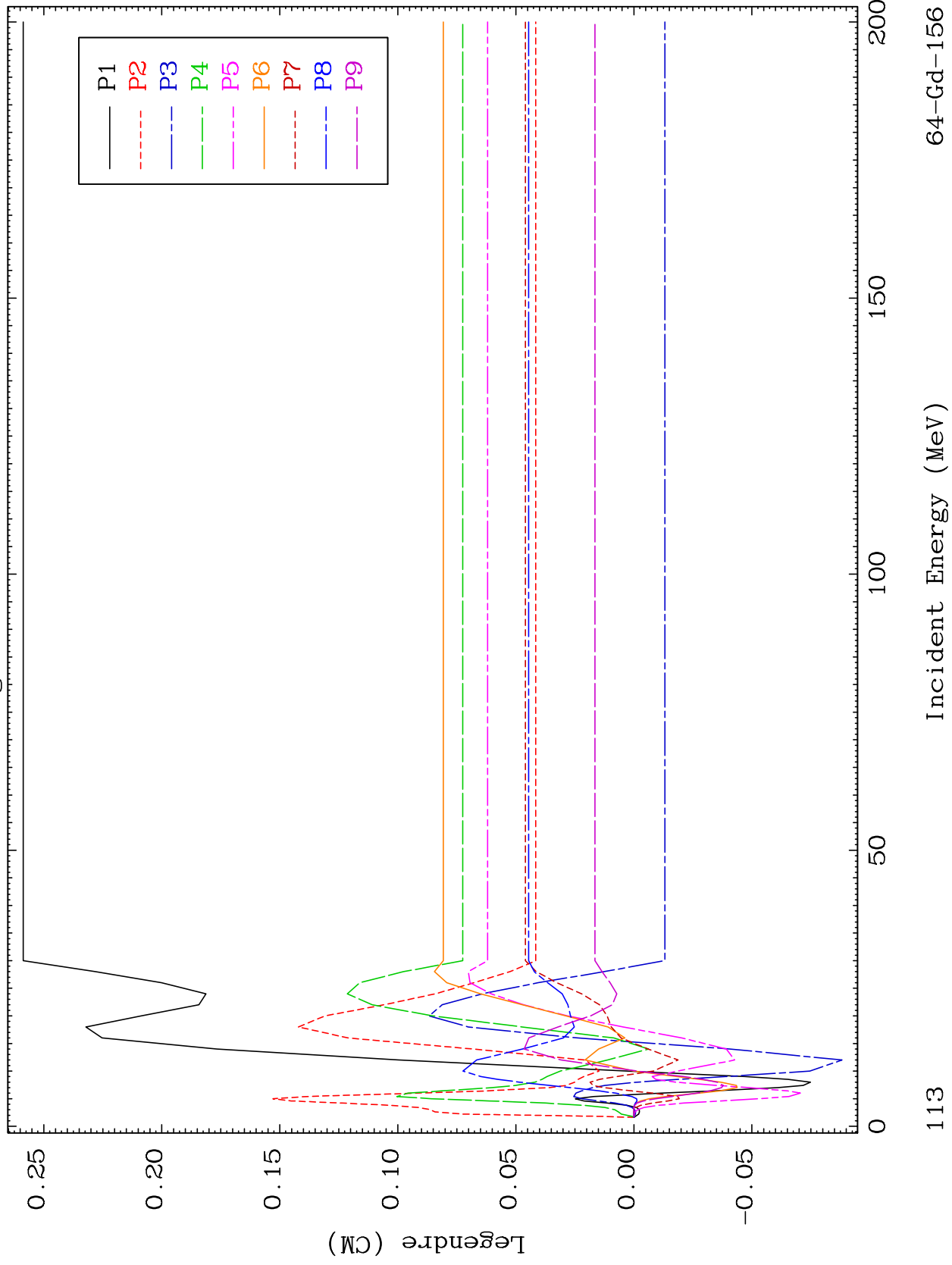
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



113

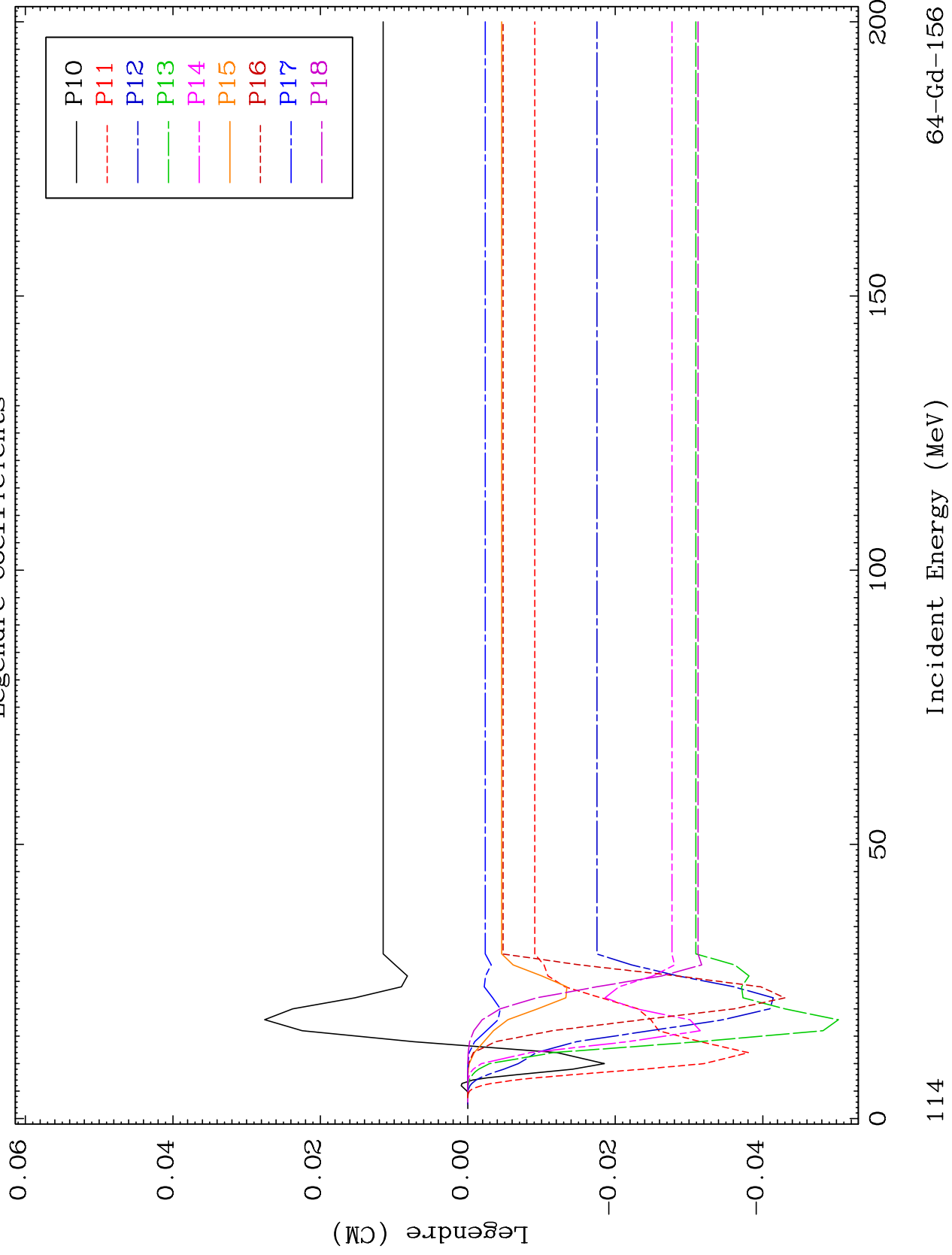
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



114

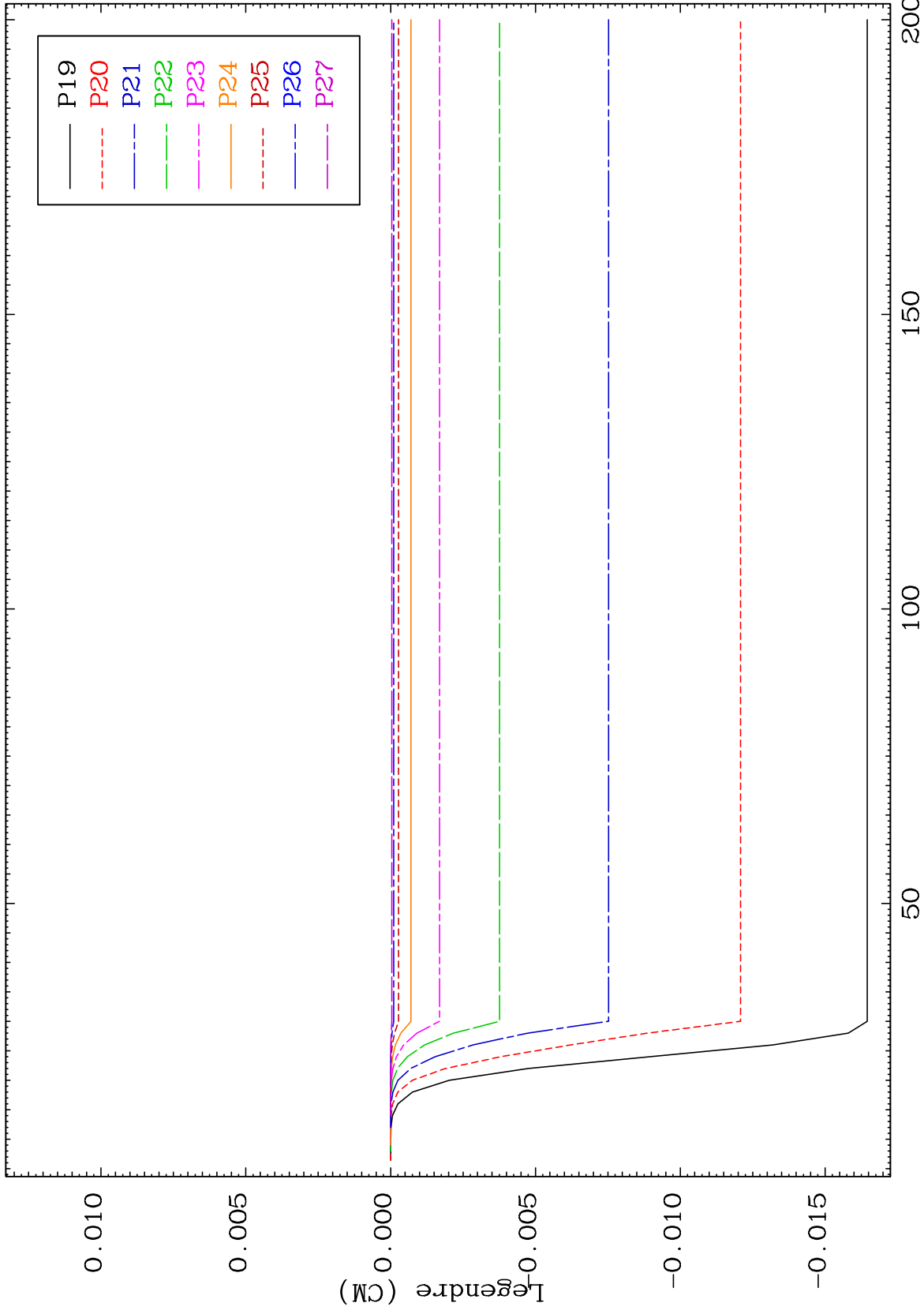
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



115

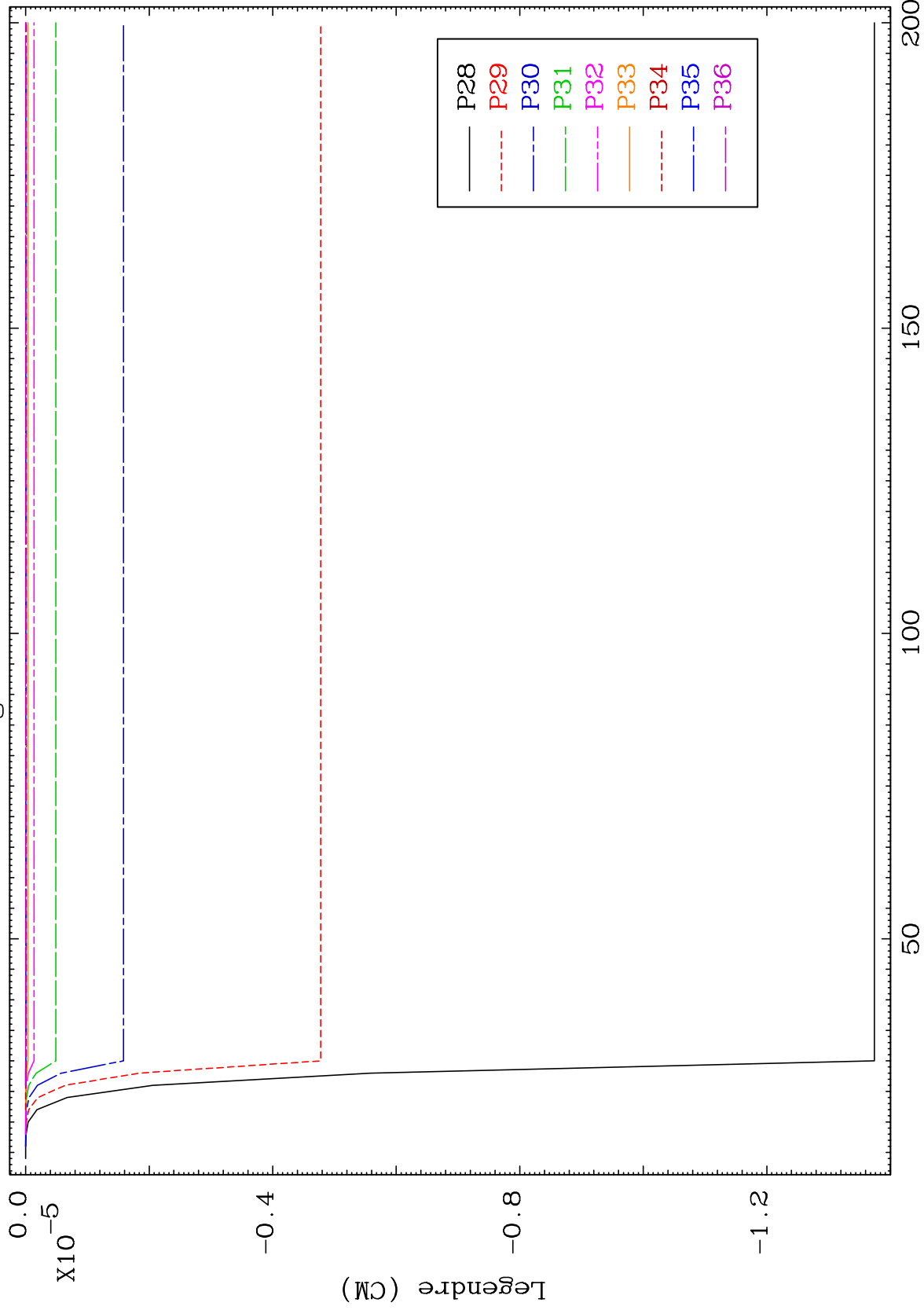
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



116

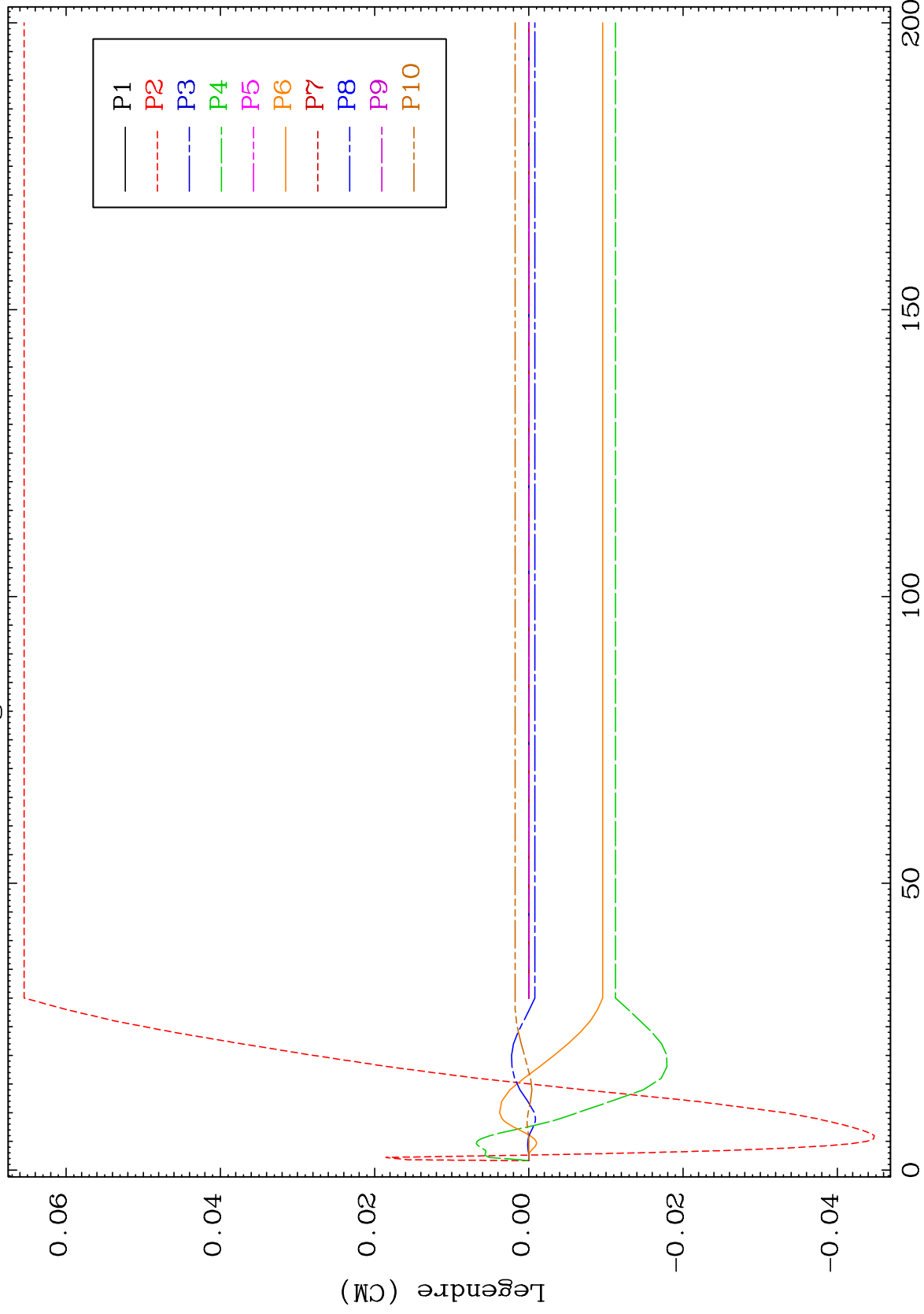
Incident Energy (MeV)

64-Gd-156

MAT 6437

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

64-Gd-156



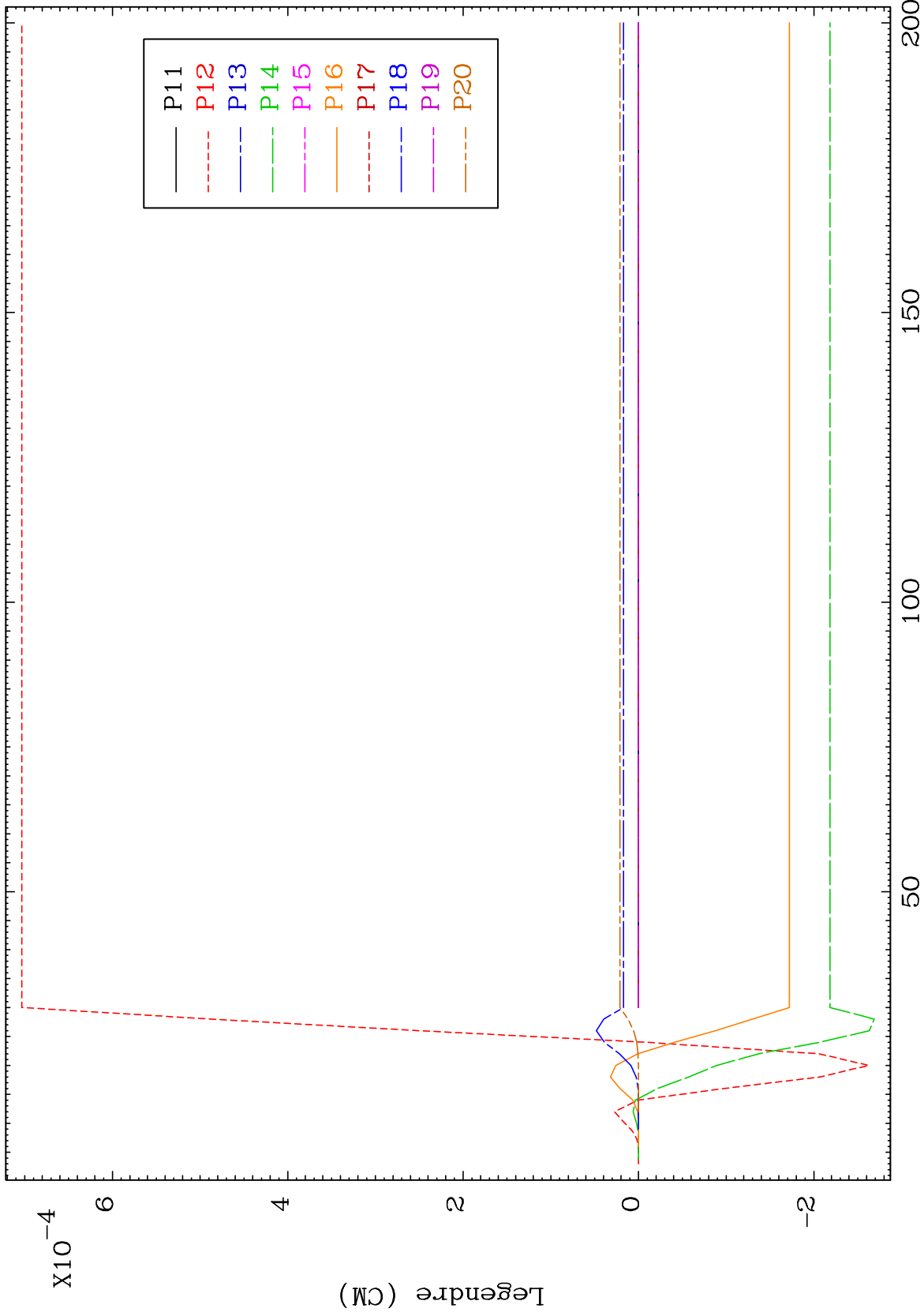
117

64-Gd-156

MAT 6437

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

64-Gd-156



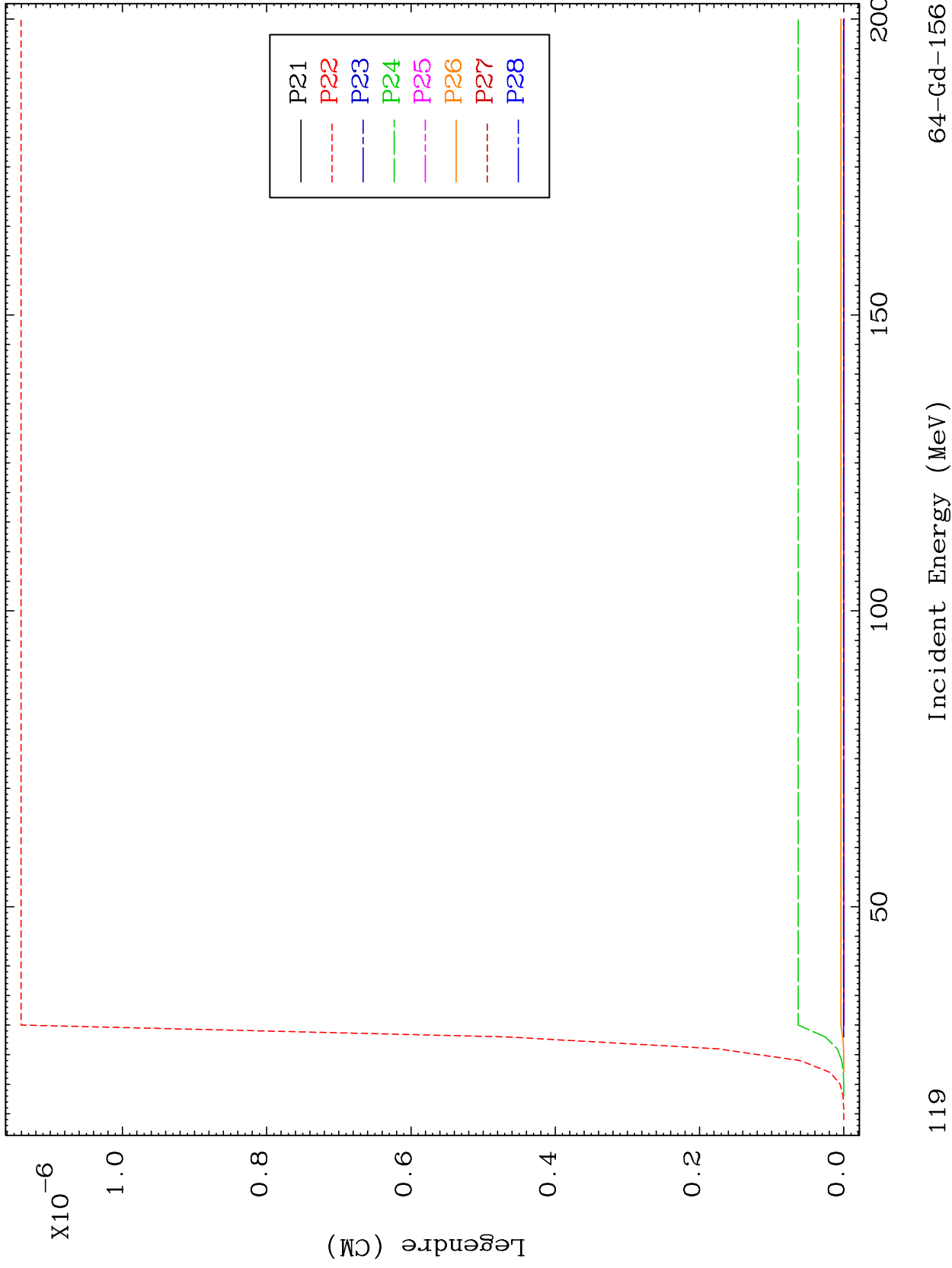
118

64-Gd-156

MAT 6437

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

64-Gd-156

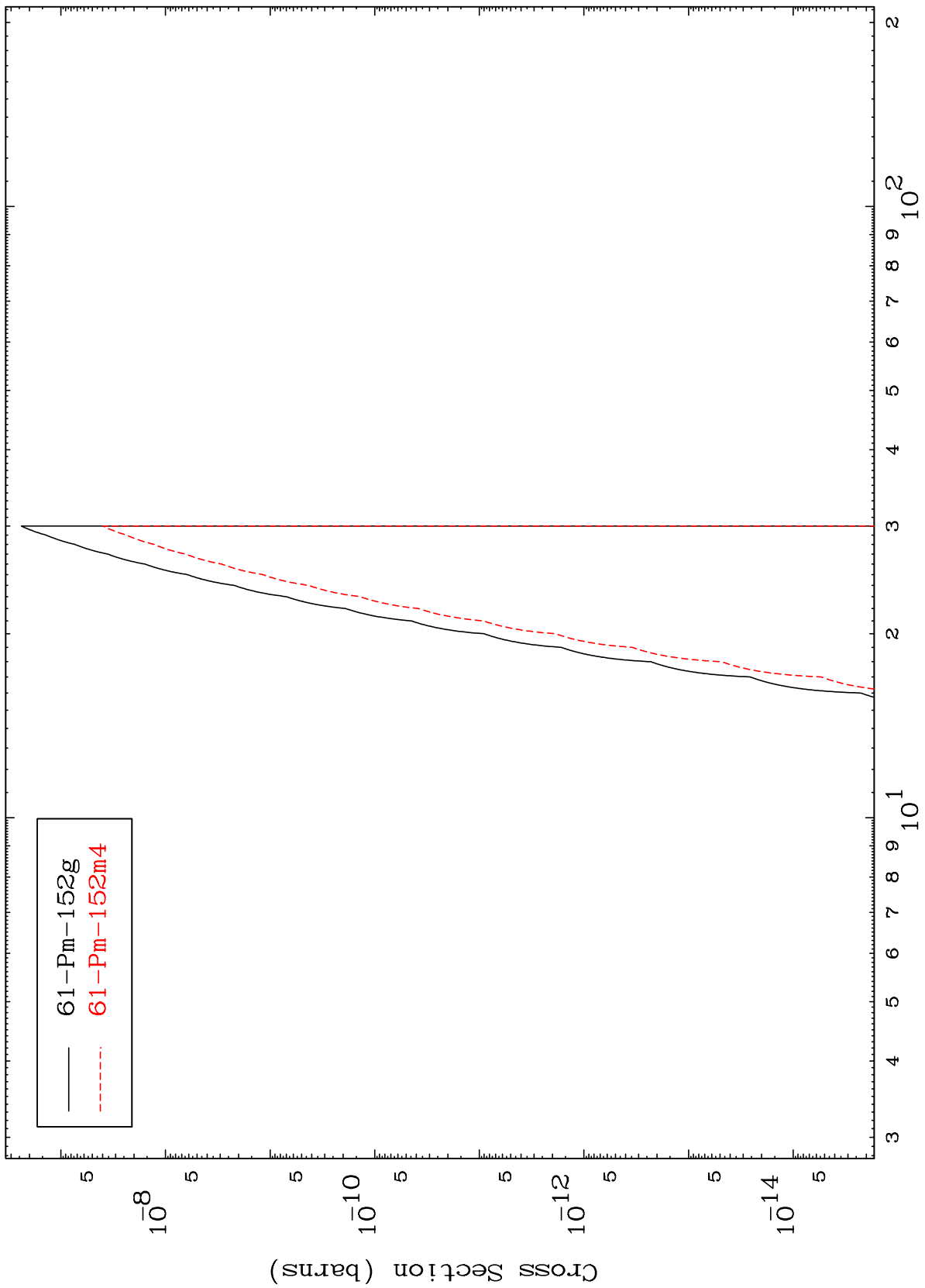


MAT 6437

(n,p) α

64-Gd-156

Radionuclide Production Cross Section



120

Incident Energy (MeV)

64-Gd-156