

Program EVALPLOT
(Version 2017-1)

by

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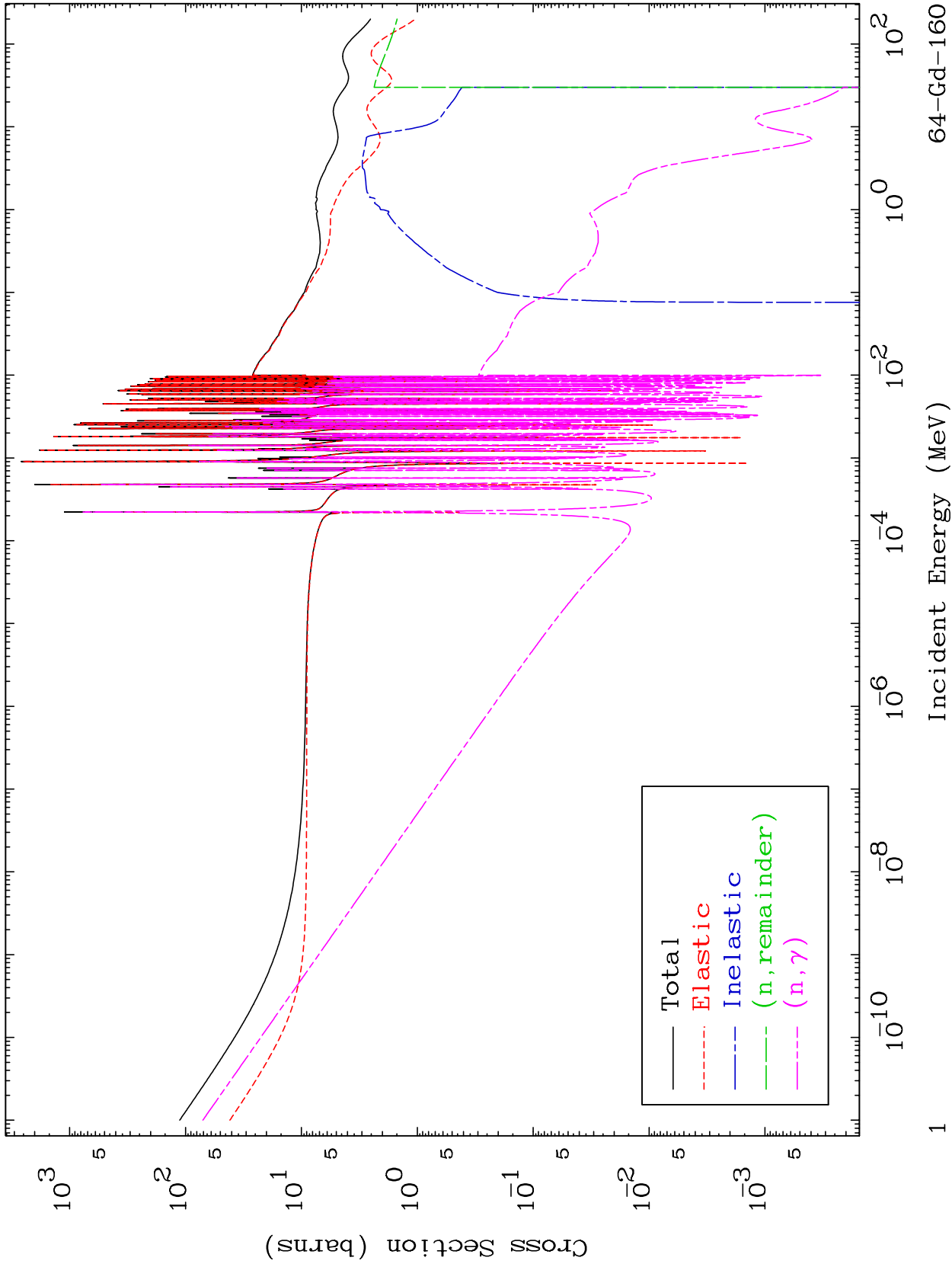
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Press Mouse Button to Start

MAT 6449

Major
293 Kelvin Cross Sections

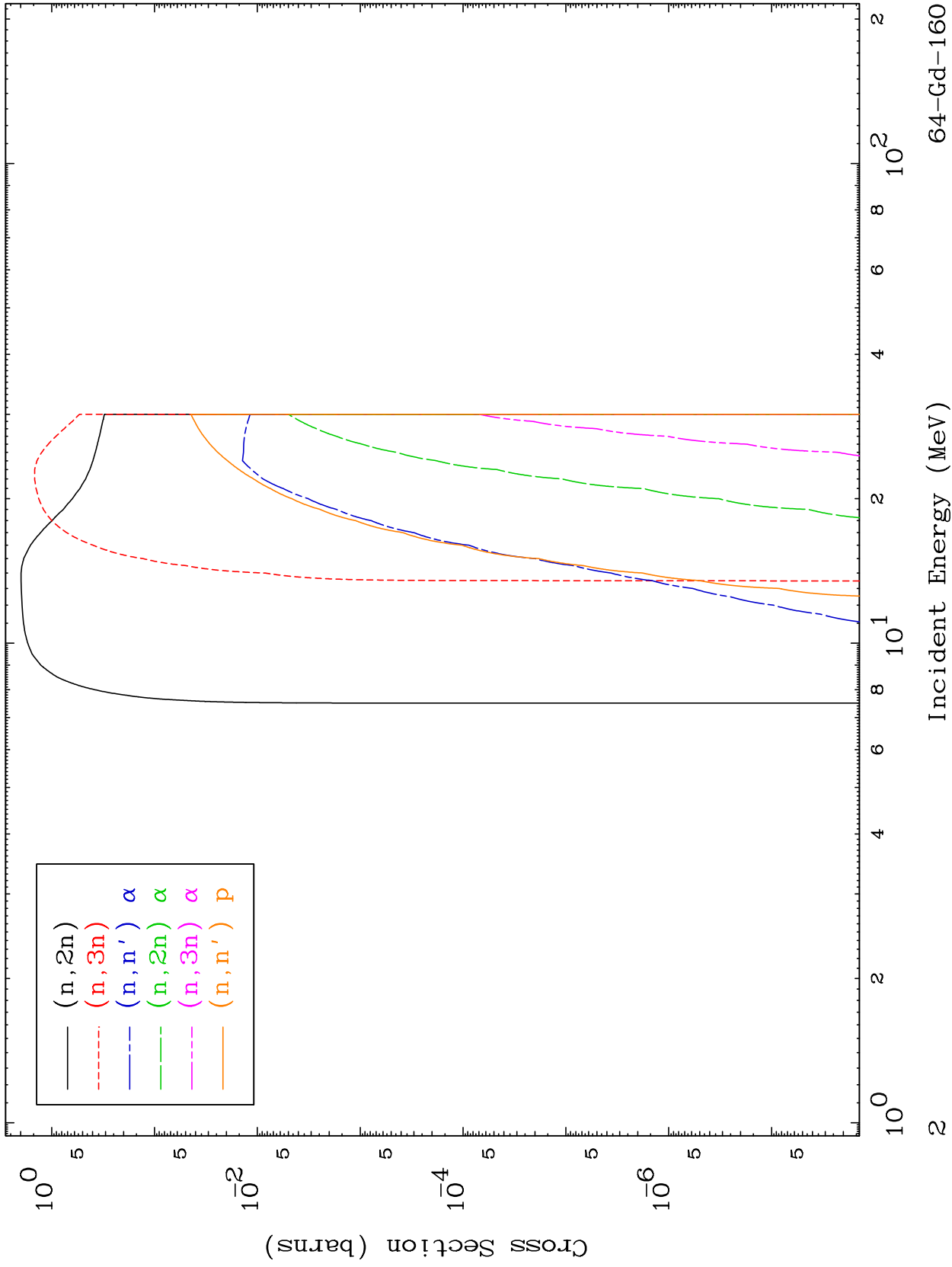
64-Gd-160



MAT 6449

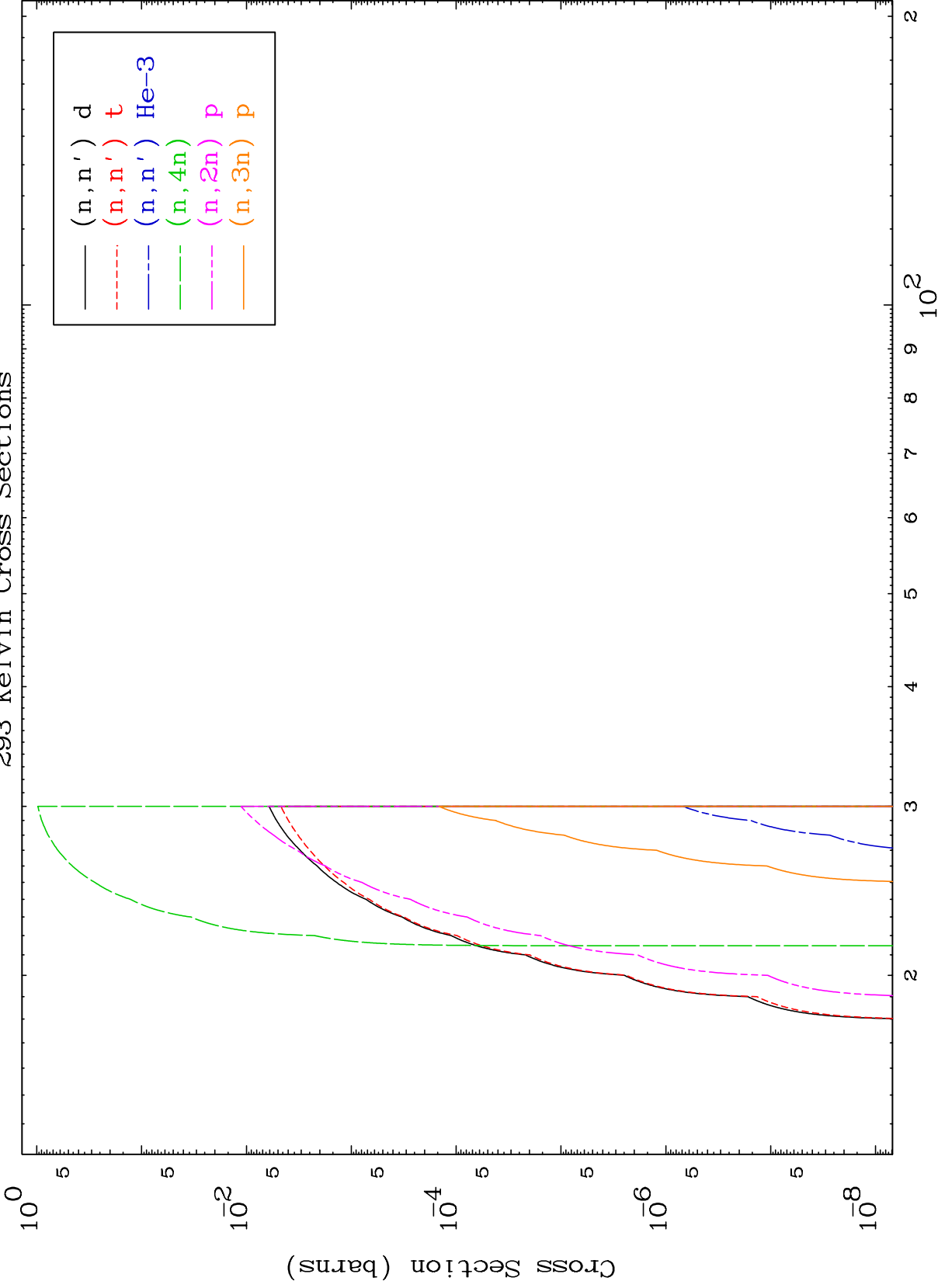
Neutron Production
293 Kelvin Cross Sections

64-Gd-160



Incident Energy (MeV)

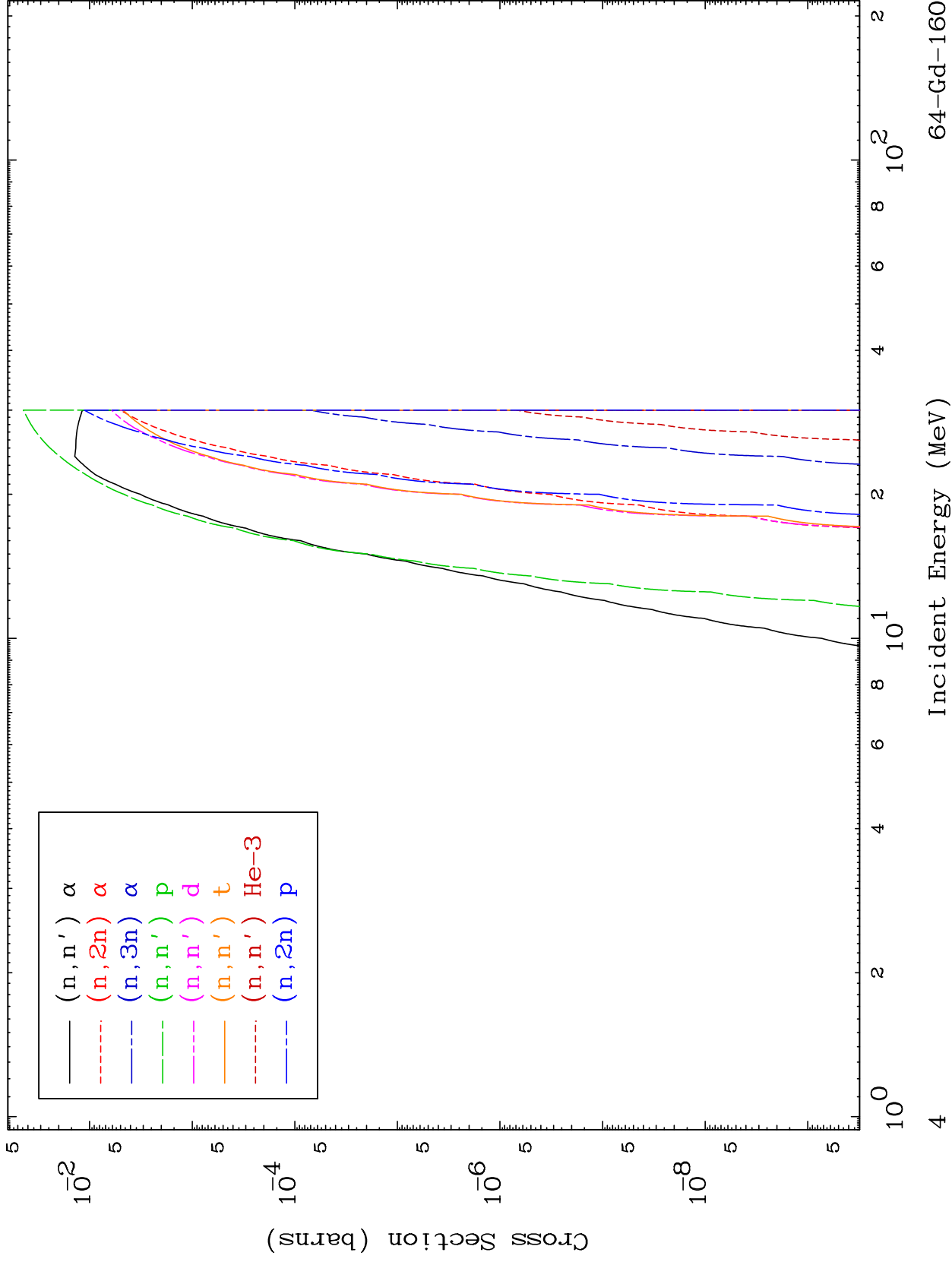
64-Gd-160



MAT 6449

Charged Particle
293 Kelvin Cross Sections

64-Gd-160



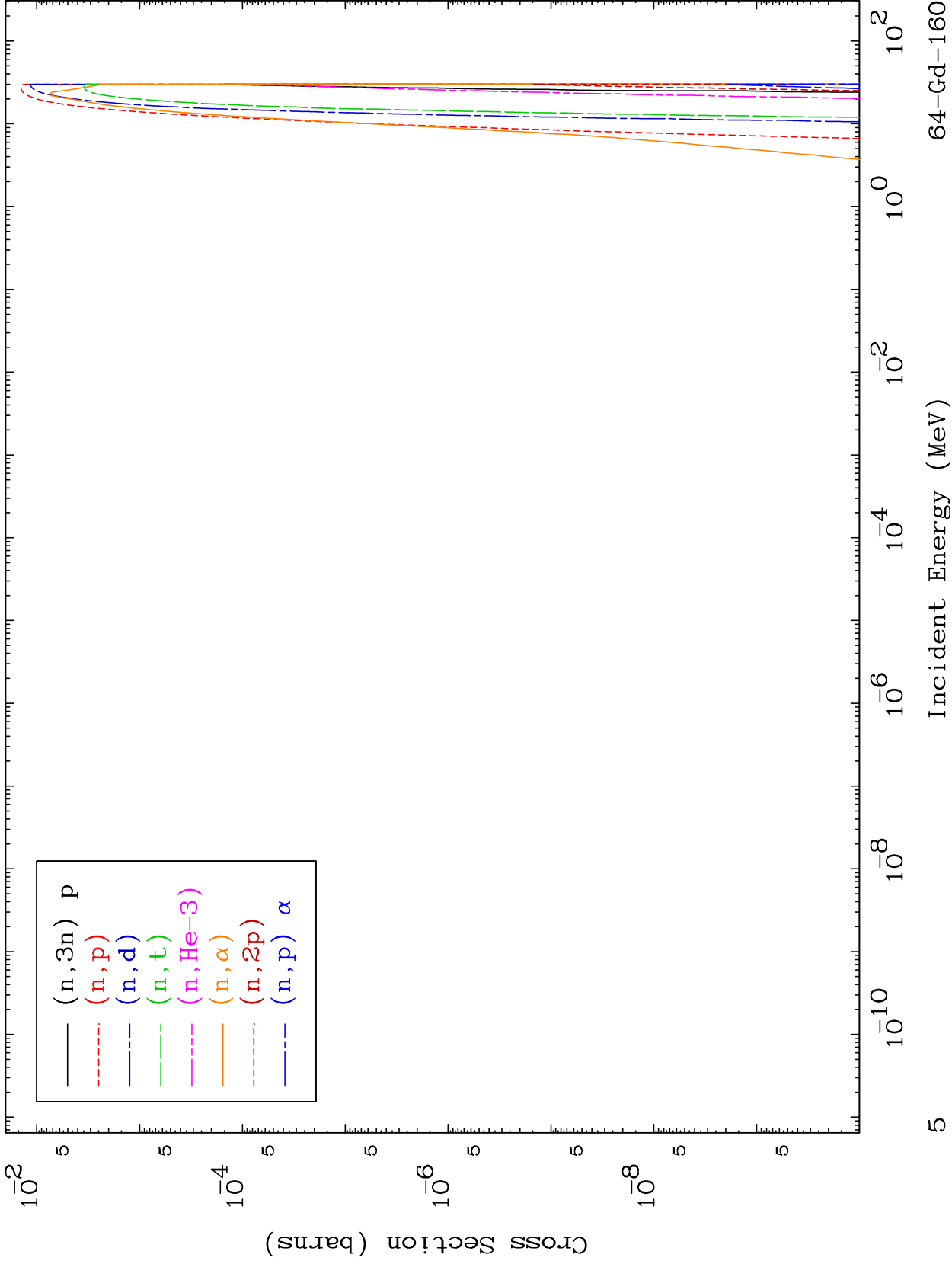
64-Gd-160

Incident Energy (MeV)

MAT 6449

Charged Particle
293 Kelvin Cross Sections

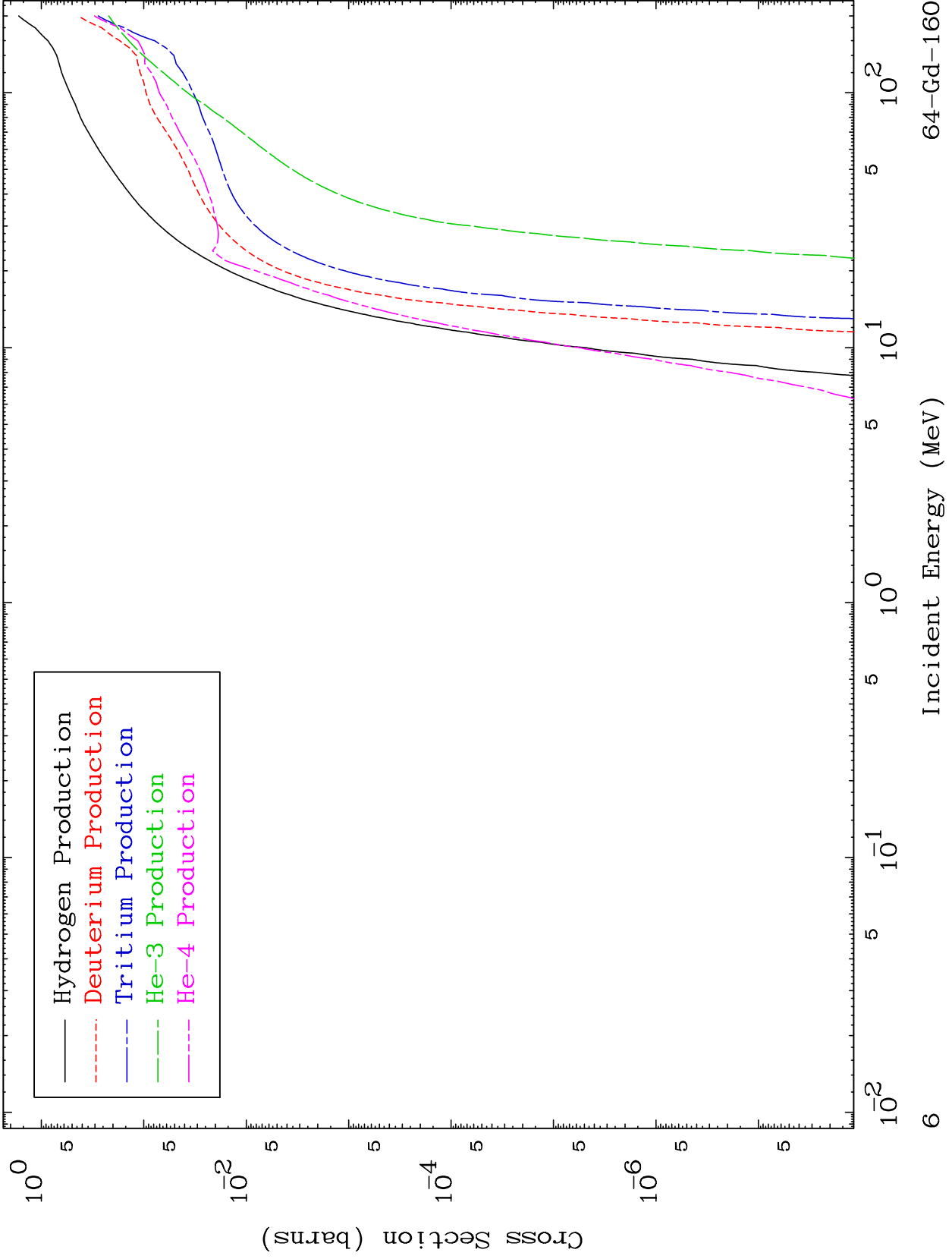
64-Gd-160



MAT 6449

Particle Production
293 Kelvin Cross Sections

64-Gd-160



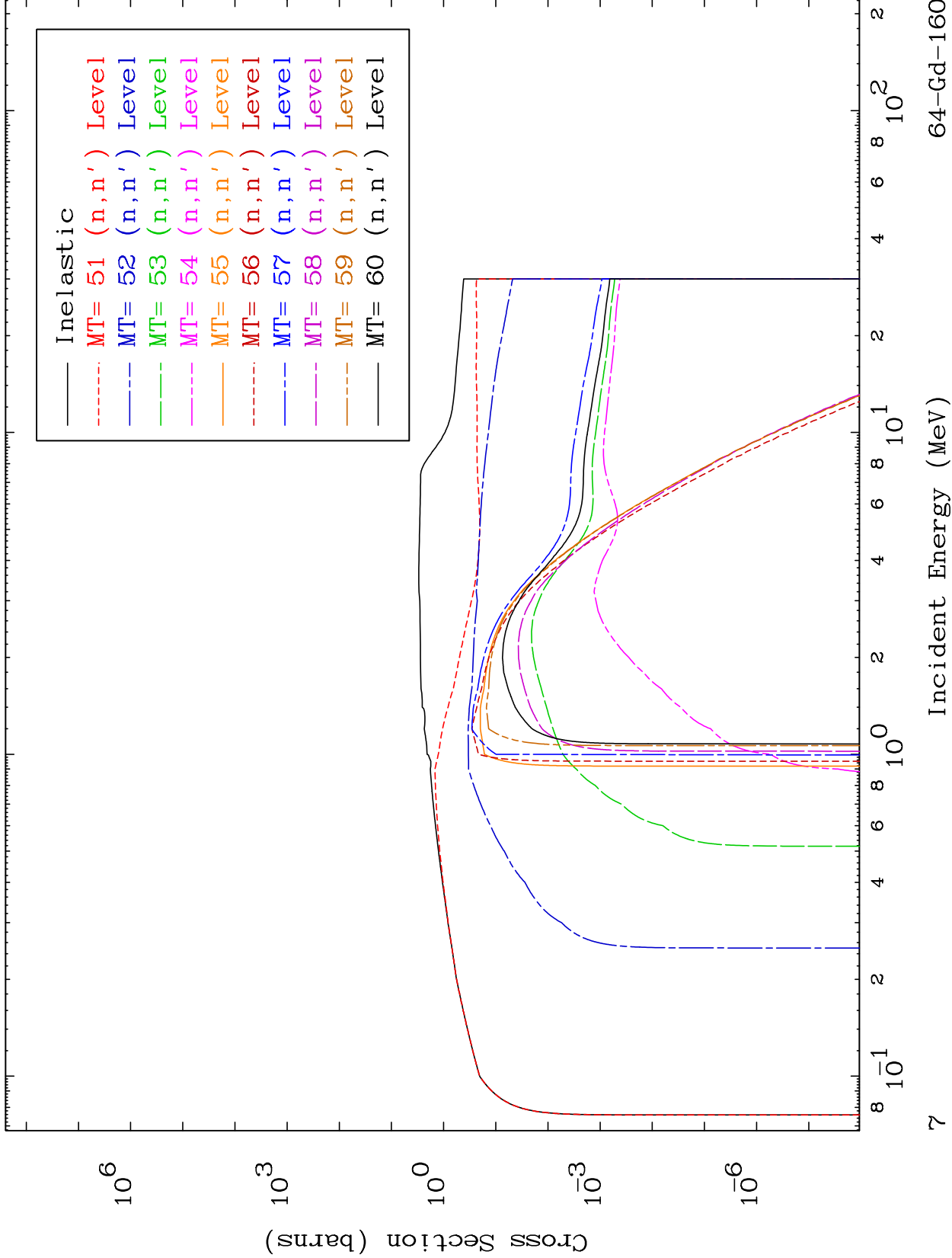
64-Gd-160

MAT 6449

(n,n') Level

64-Gd-160

293 Kelvin Cross Sections



Incident Energy (MeV)

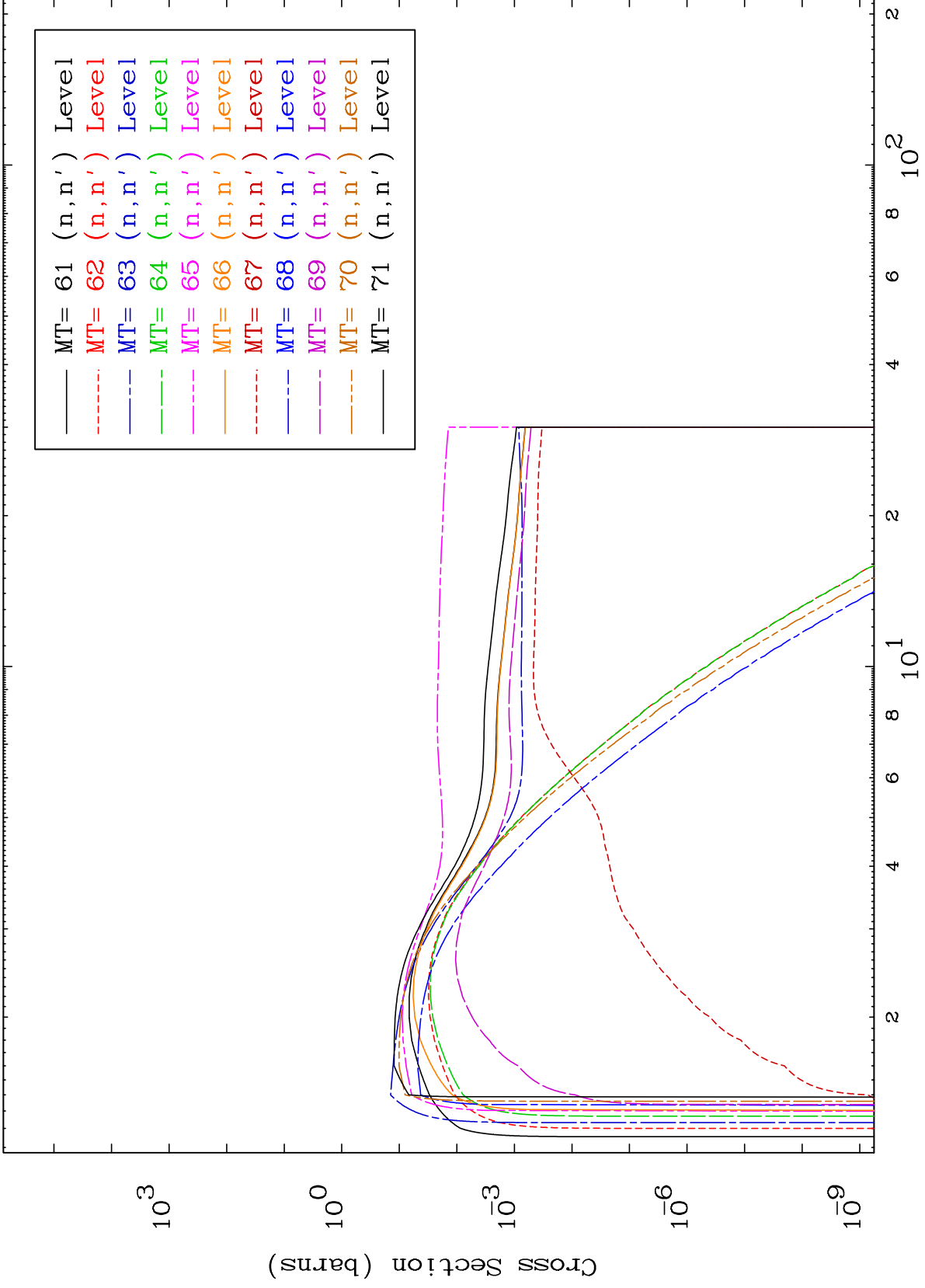
64-Gd-160

MAT 6449

(n,n') Level

64-Gd-160

293 Kelvin Cross Sections

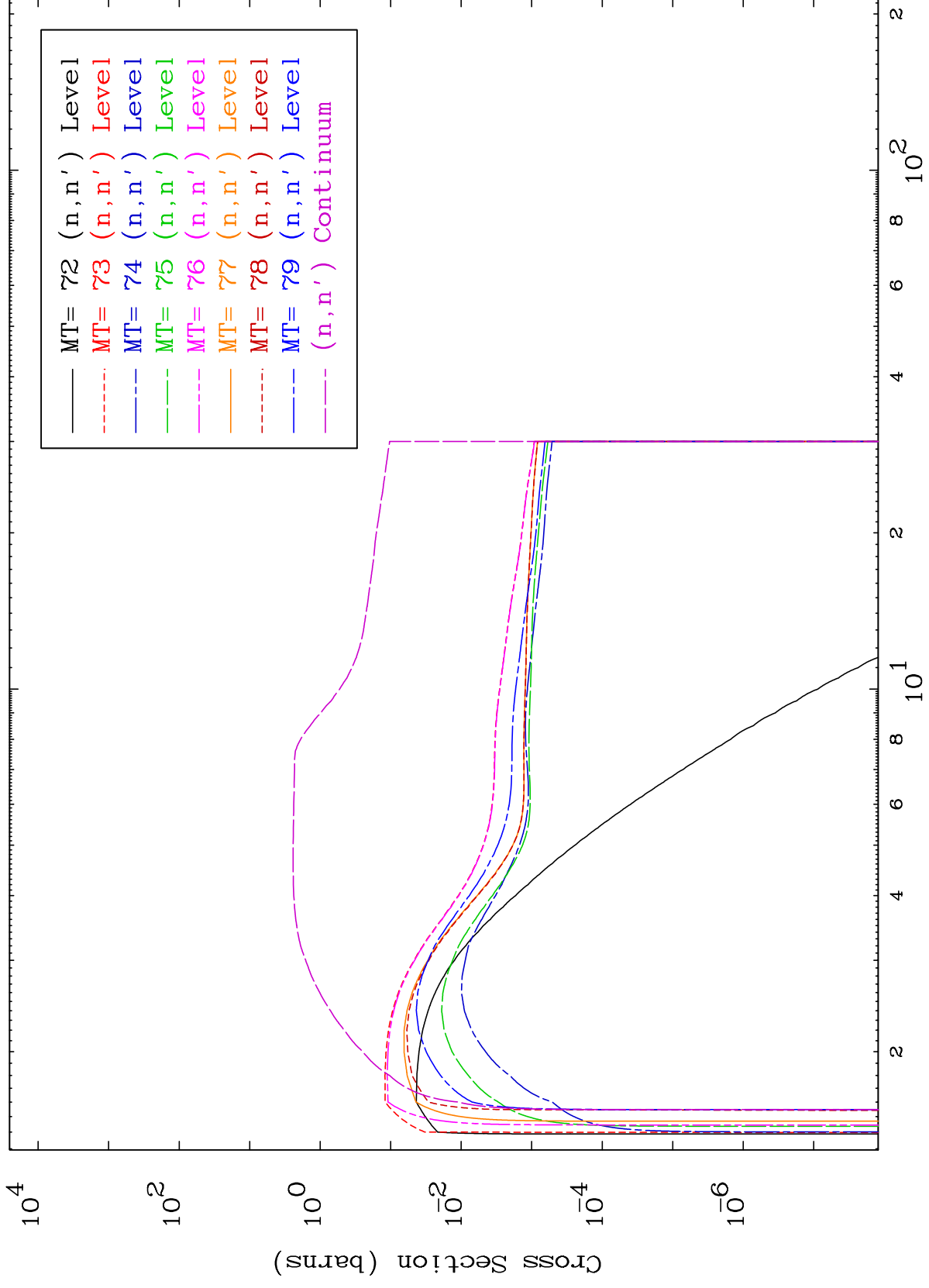


8

Incident Energy (MeV)

64-Gd-160

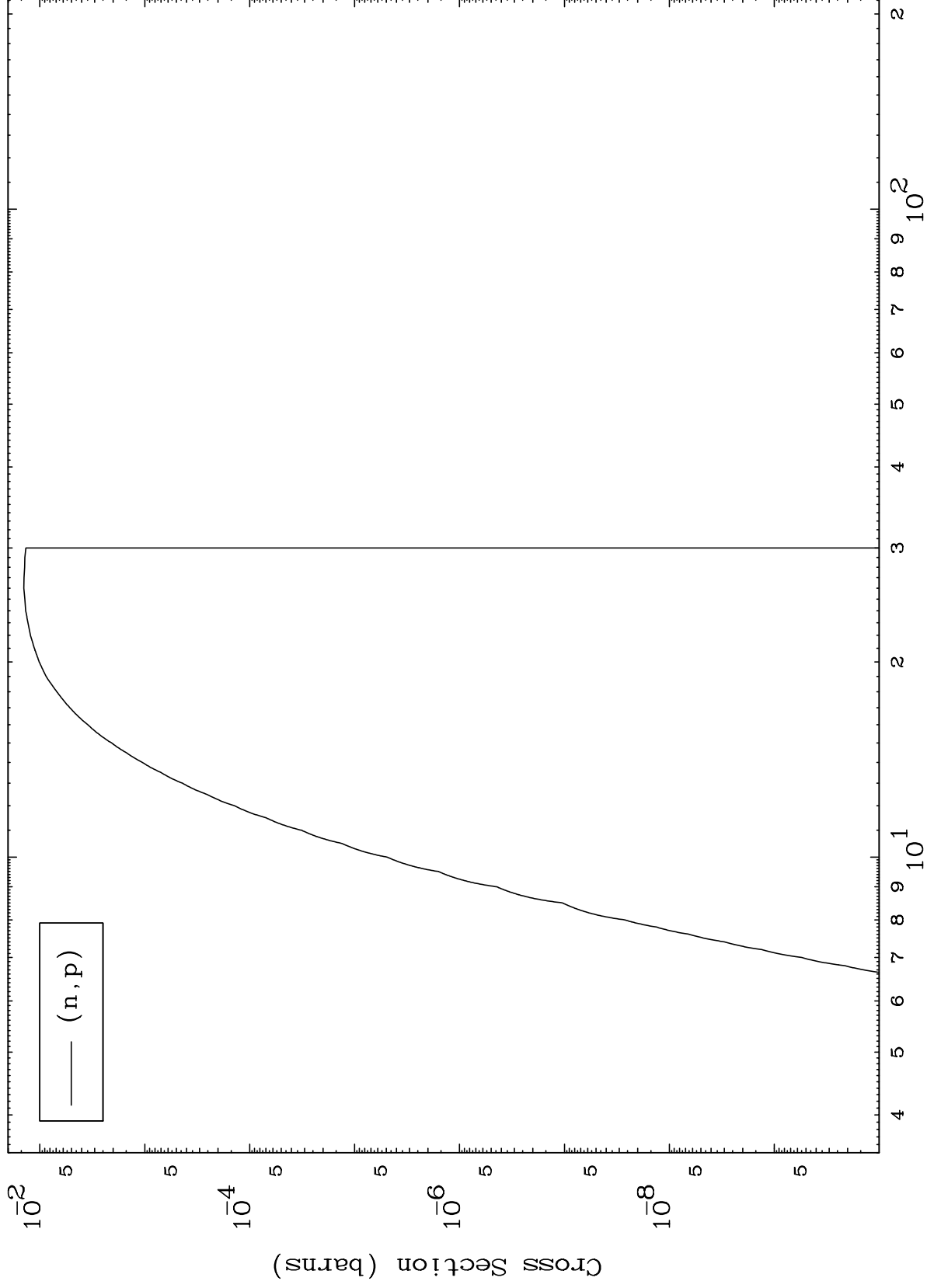
293 Kelvin Cross Sections



MAT 6449

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-160



10

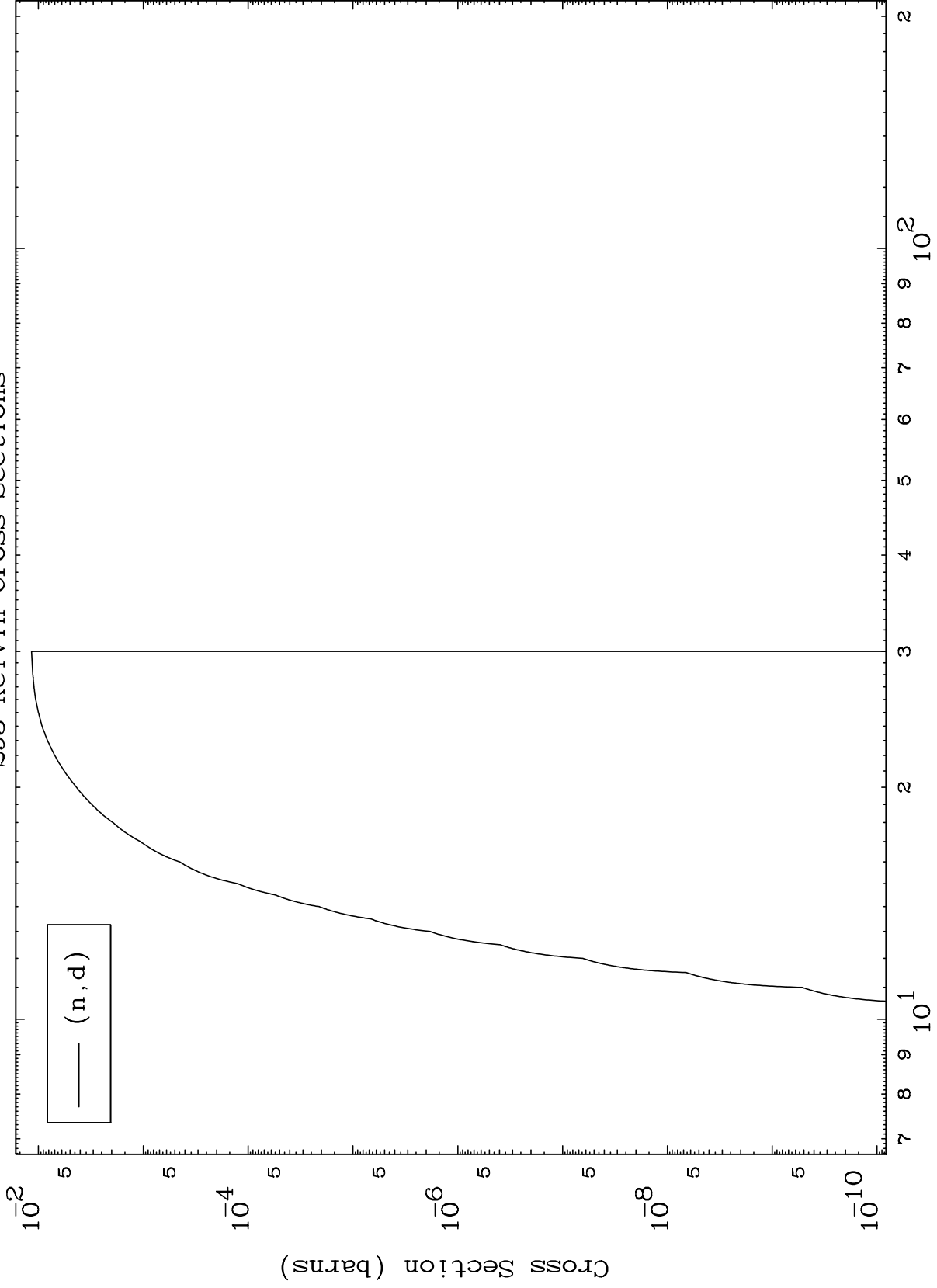
Incident Energy (MeV)

64-Gd-160

MAT 6449

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-160



11

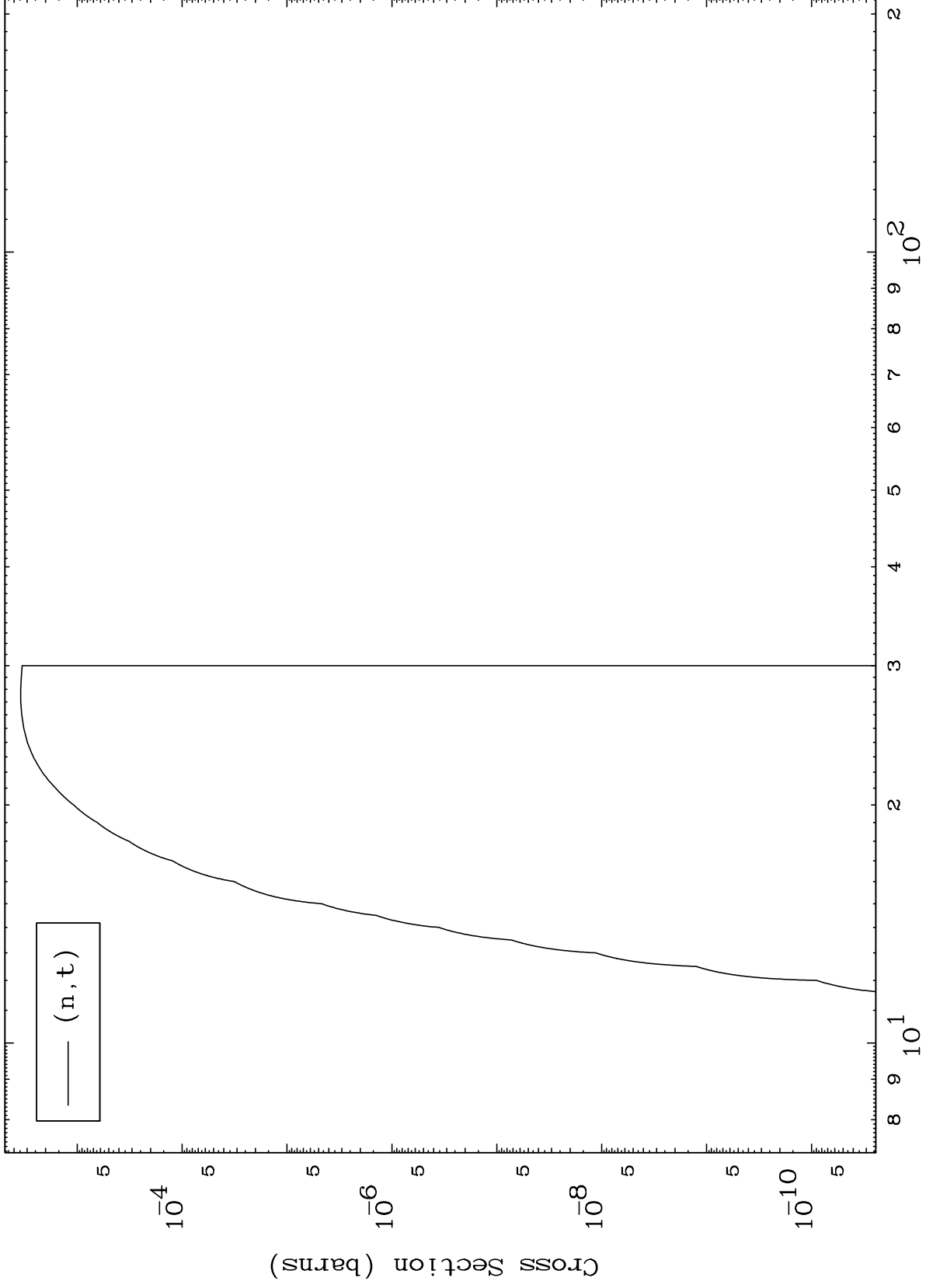
Incident Energy (MeV)

64-Gd-160

MAT 6449

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-160



12

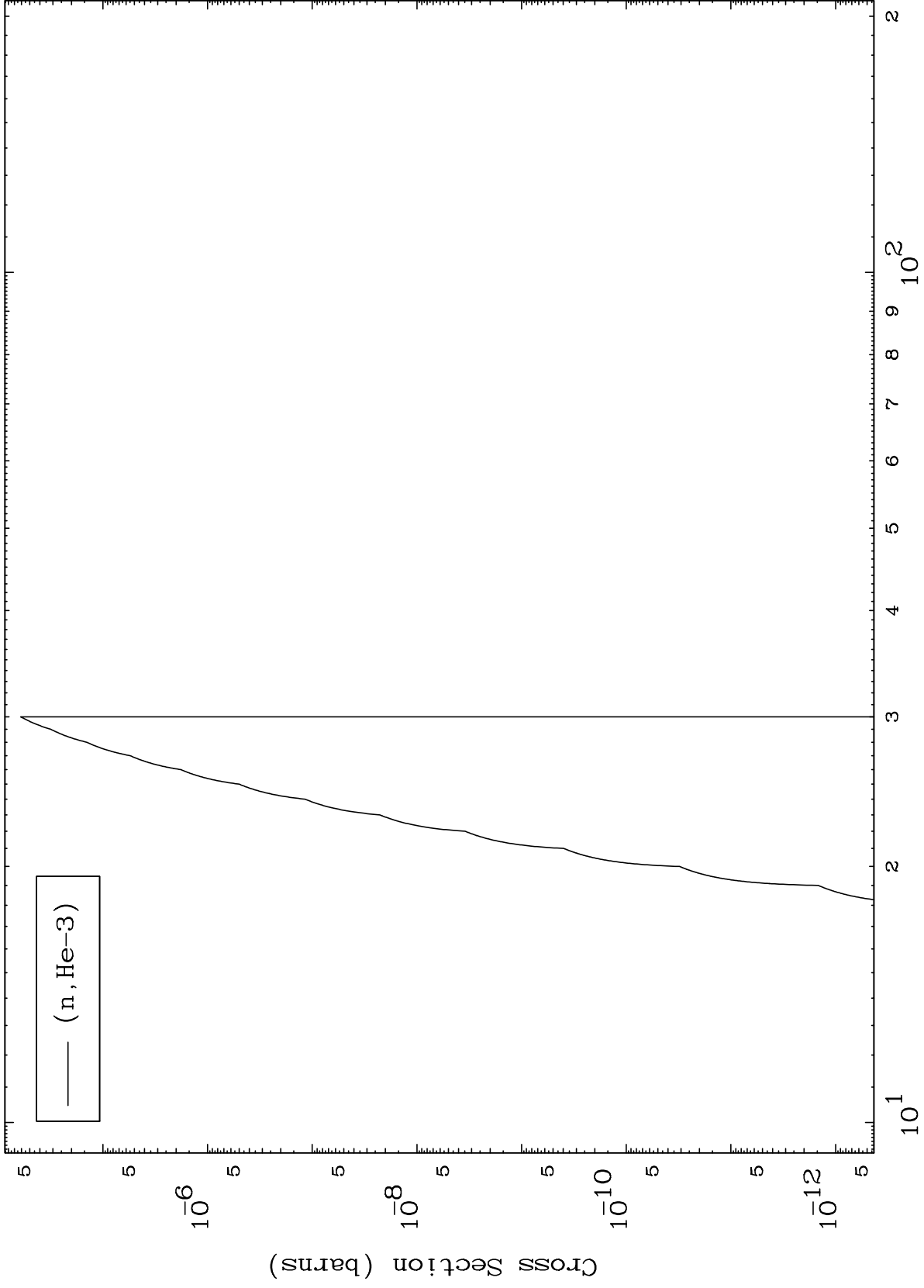
Incident Energy (MeV)

64-Gd-160

MAT 6449

(n,He3) Levels
293 Kelvin Cross Sections

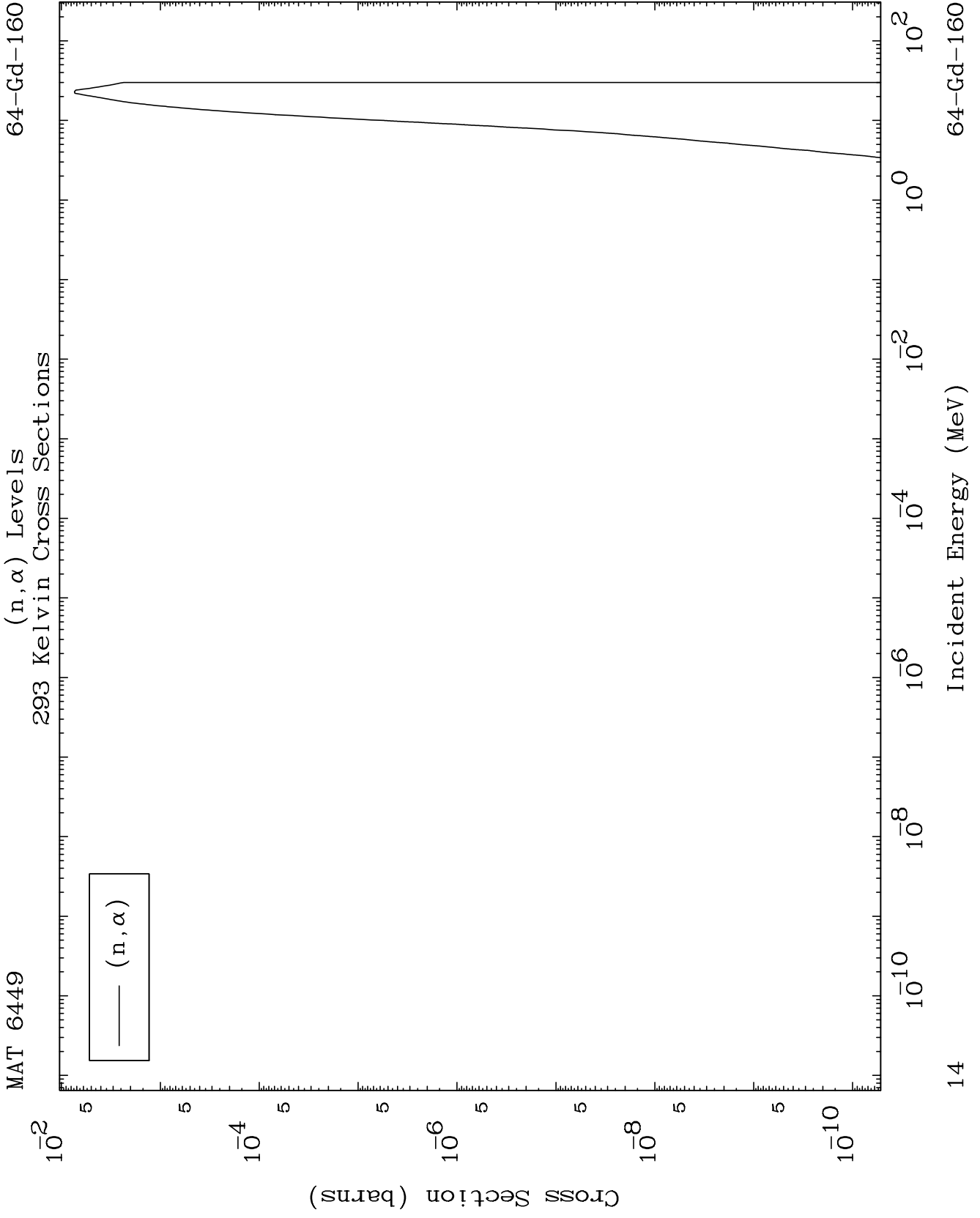
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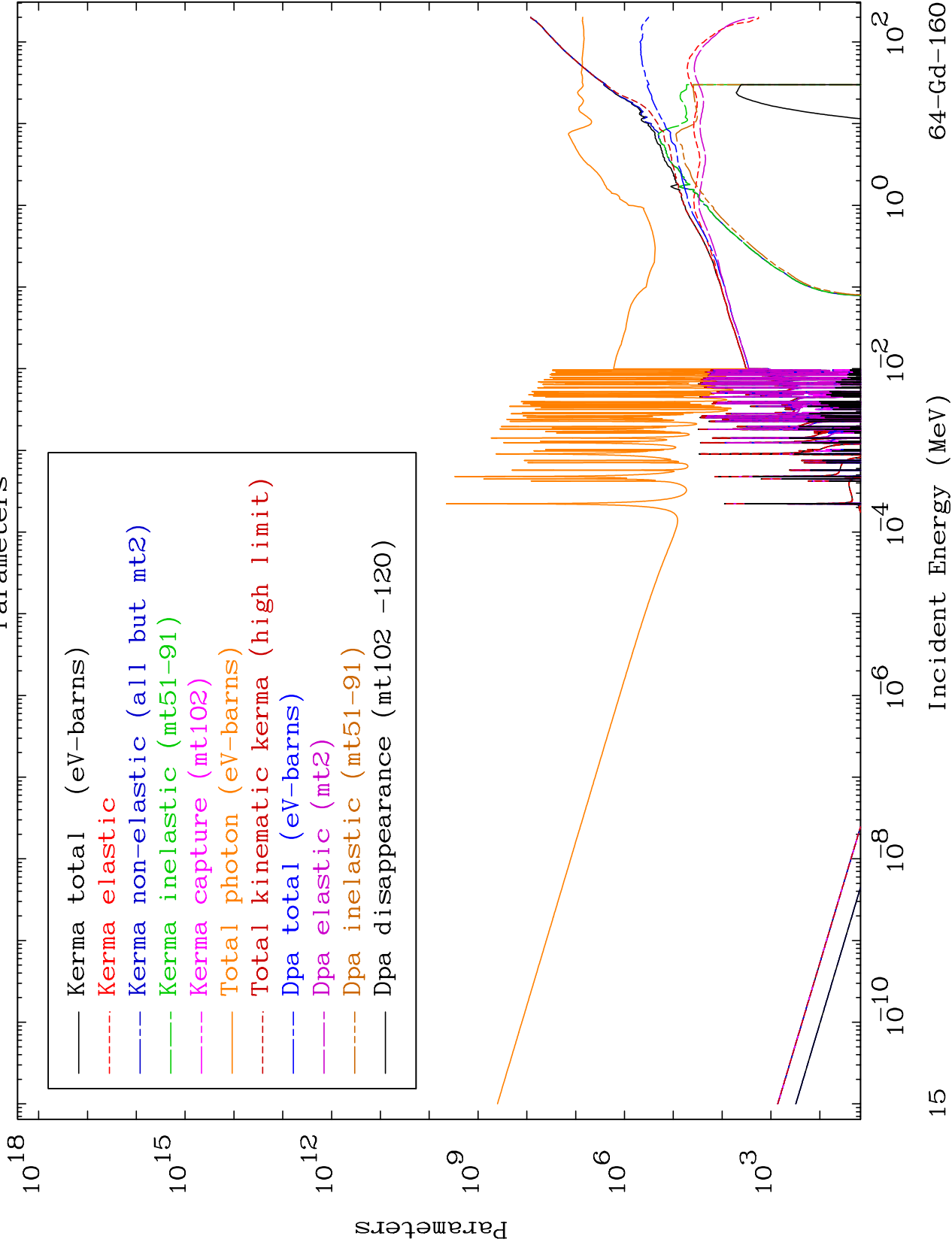


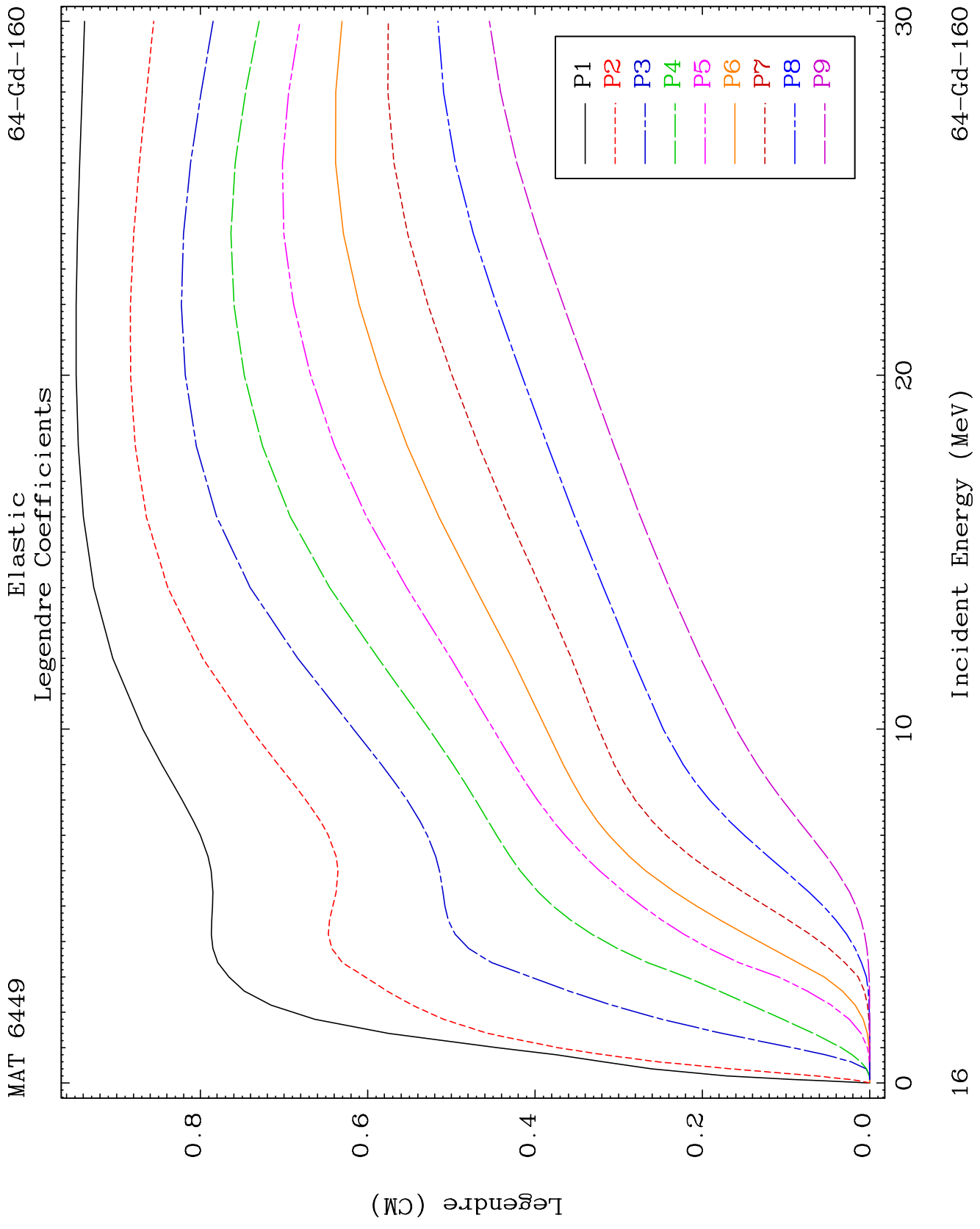
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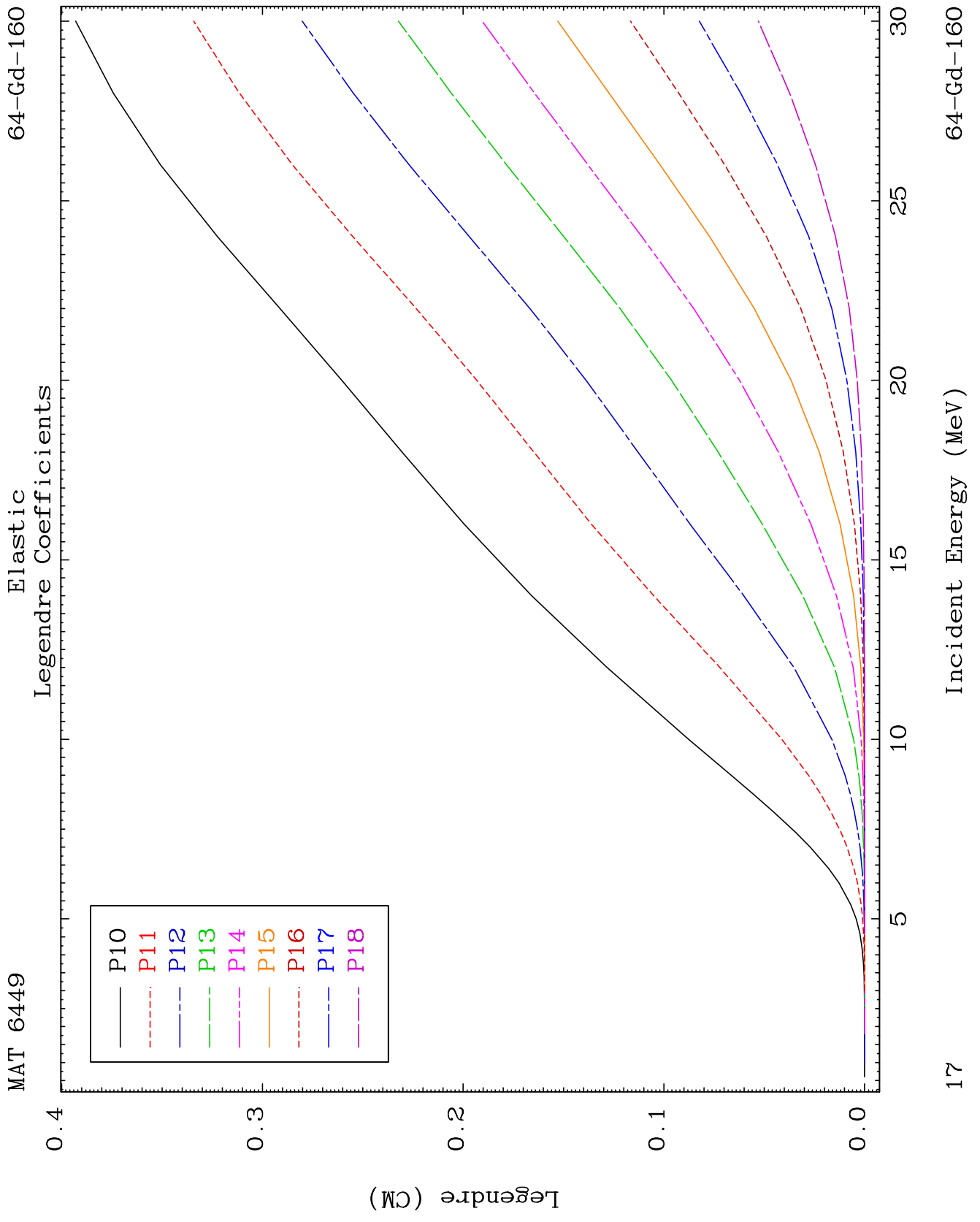
Incident Energy (MeV)

64-Gd-160





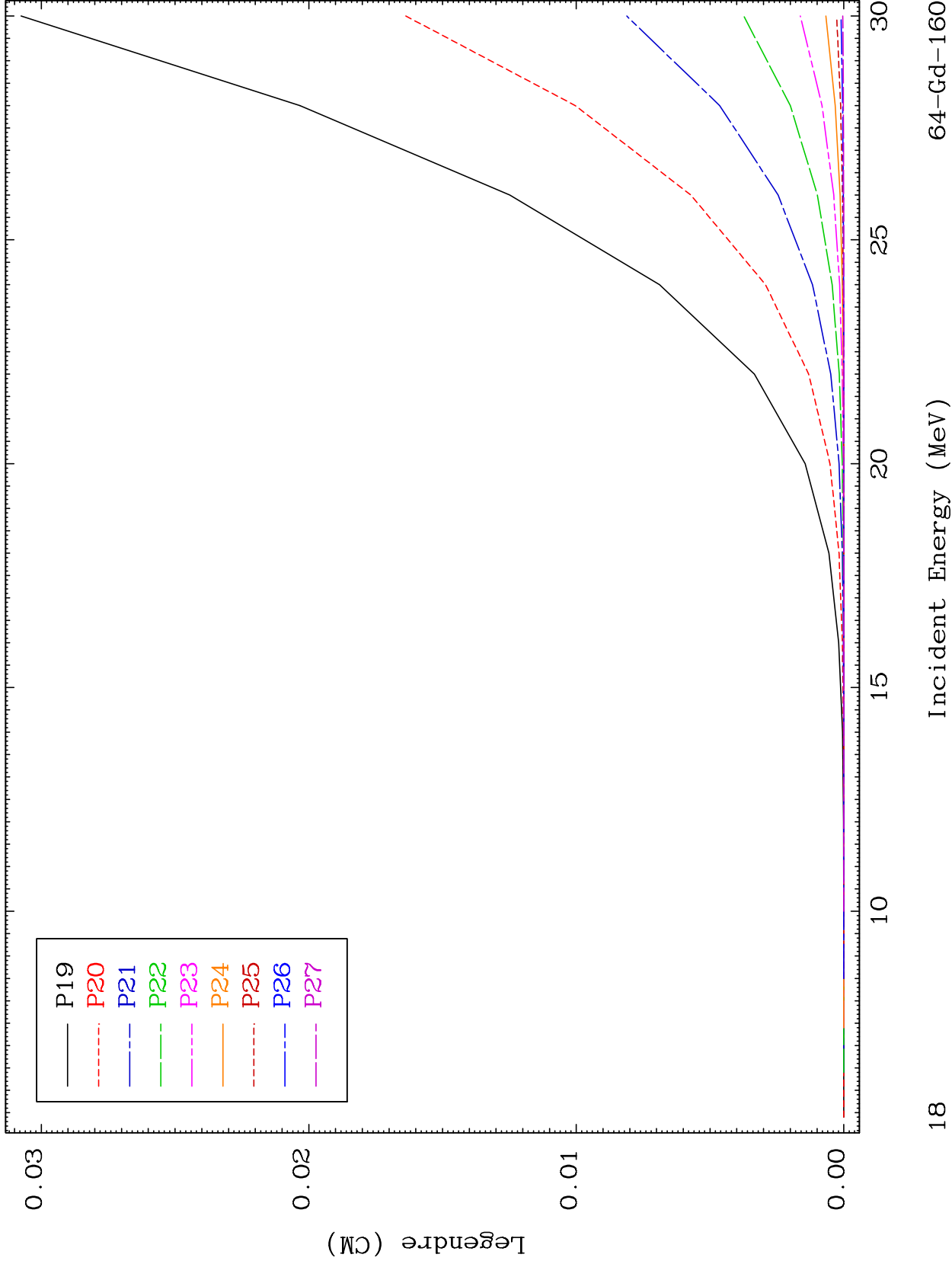




MAT 6449

Elastic Legendre Coefficients

64-Gd-160



18

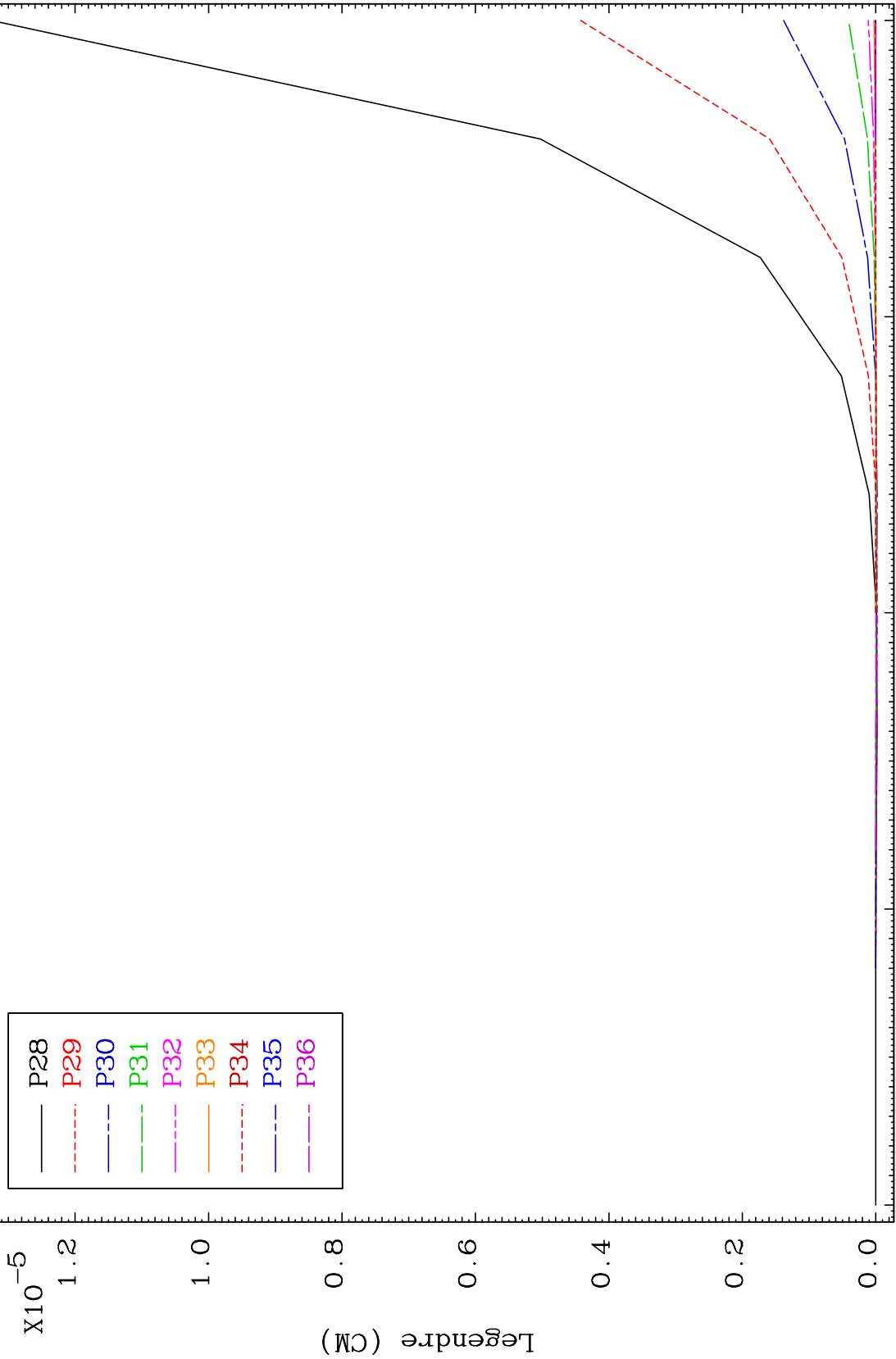
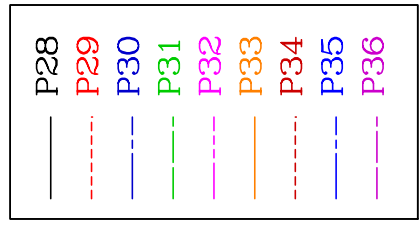
Incident Energy (MeV)

64-Gd-160

MAT 6449

Elastic Legendre Coefficients

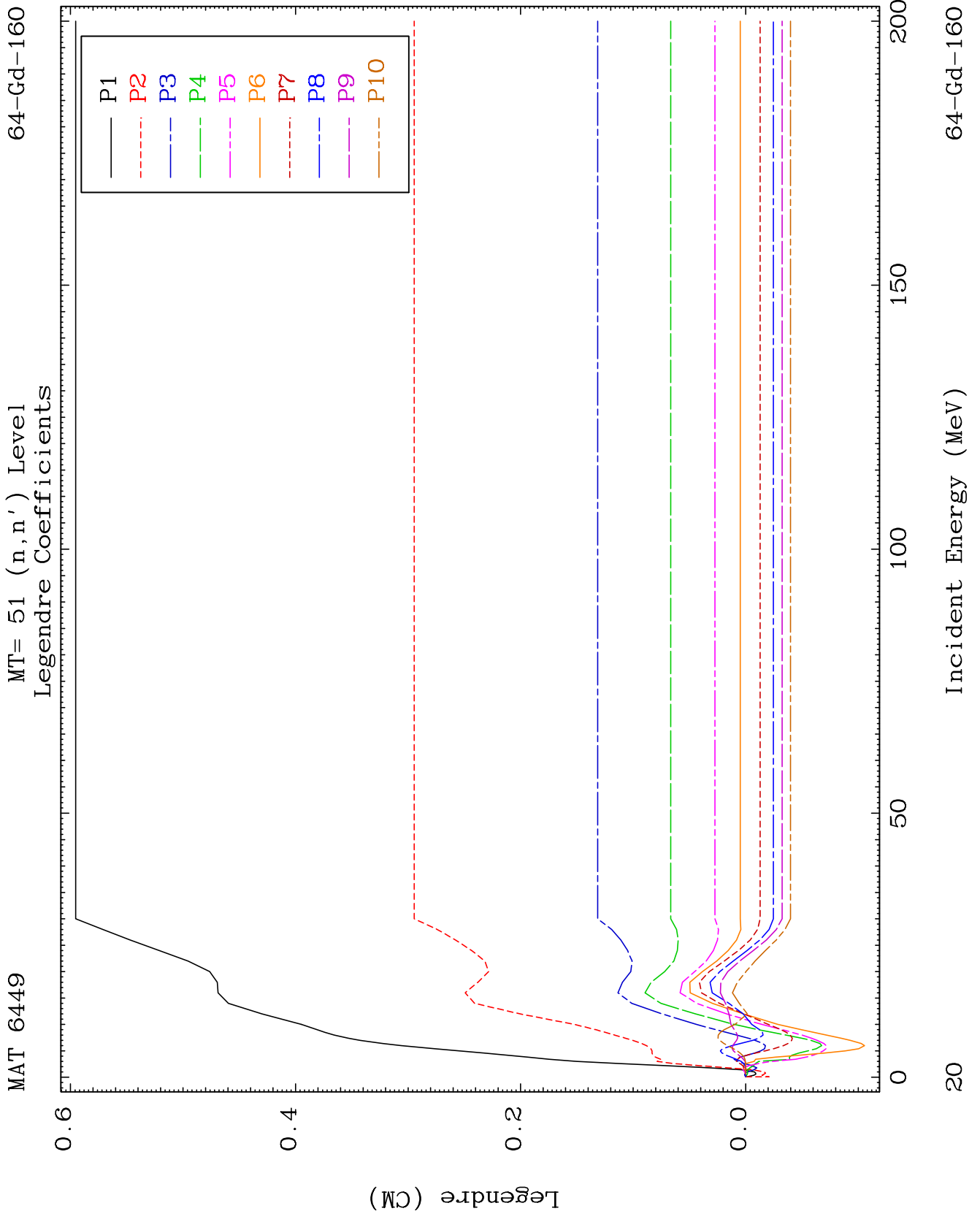
64-Gd-160



19

Incident Energy (MeV)

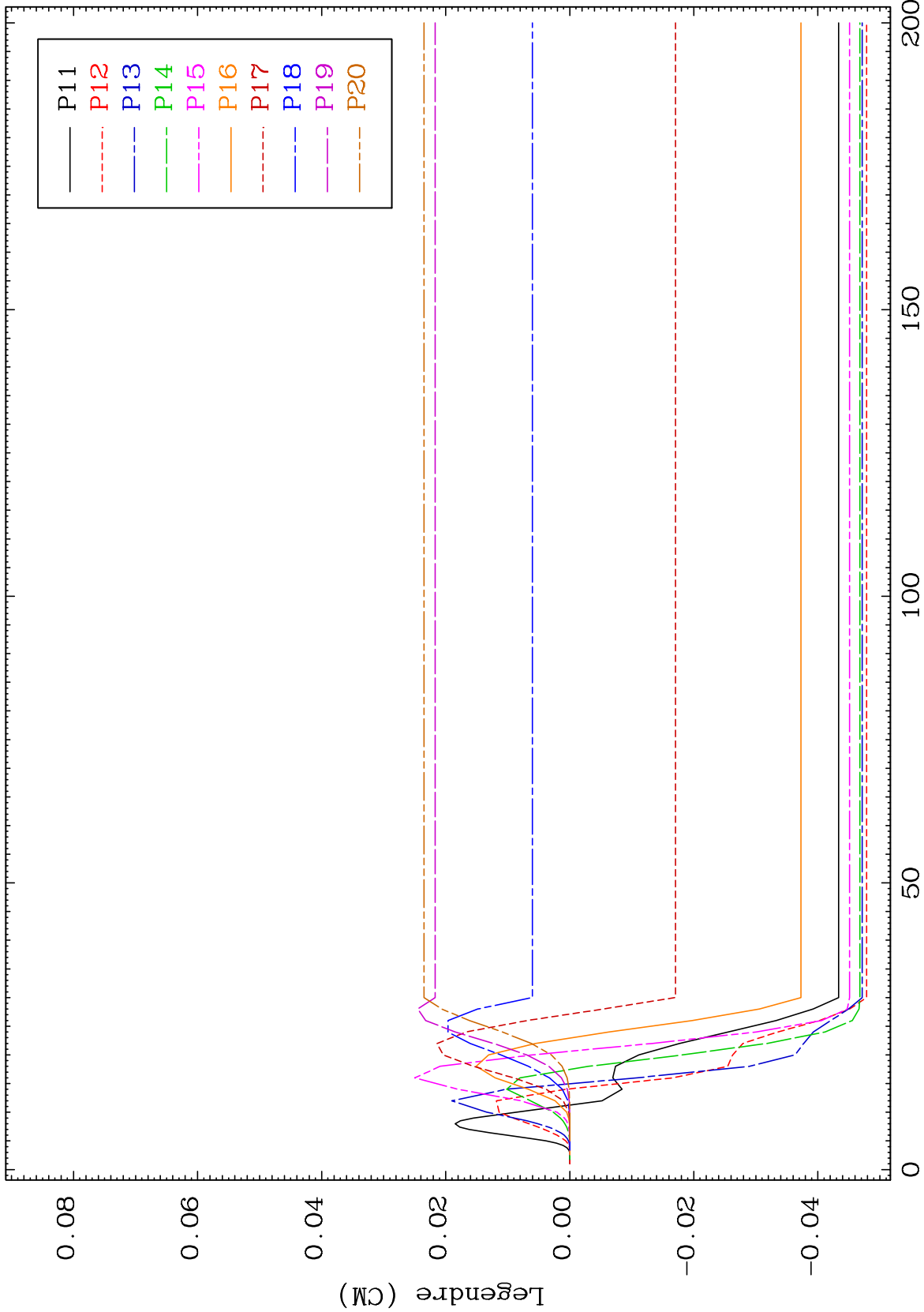
64-Gd-160



MAT 6449

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

64-Gd-160



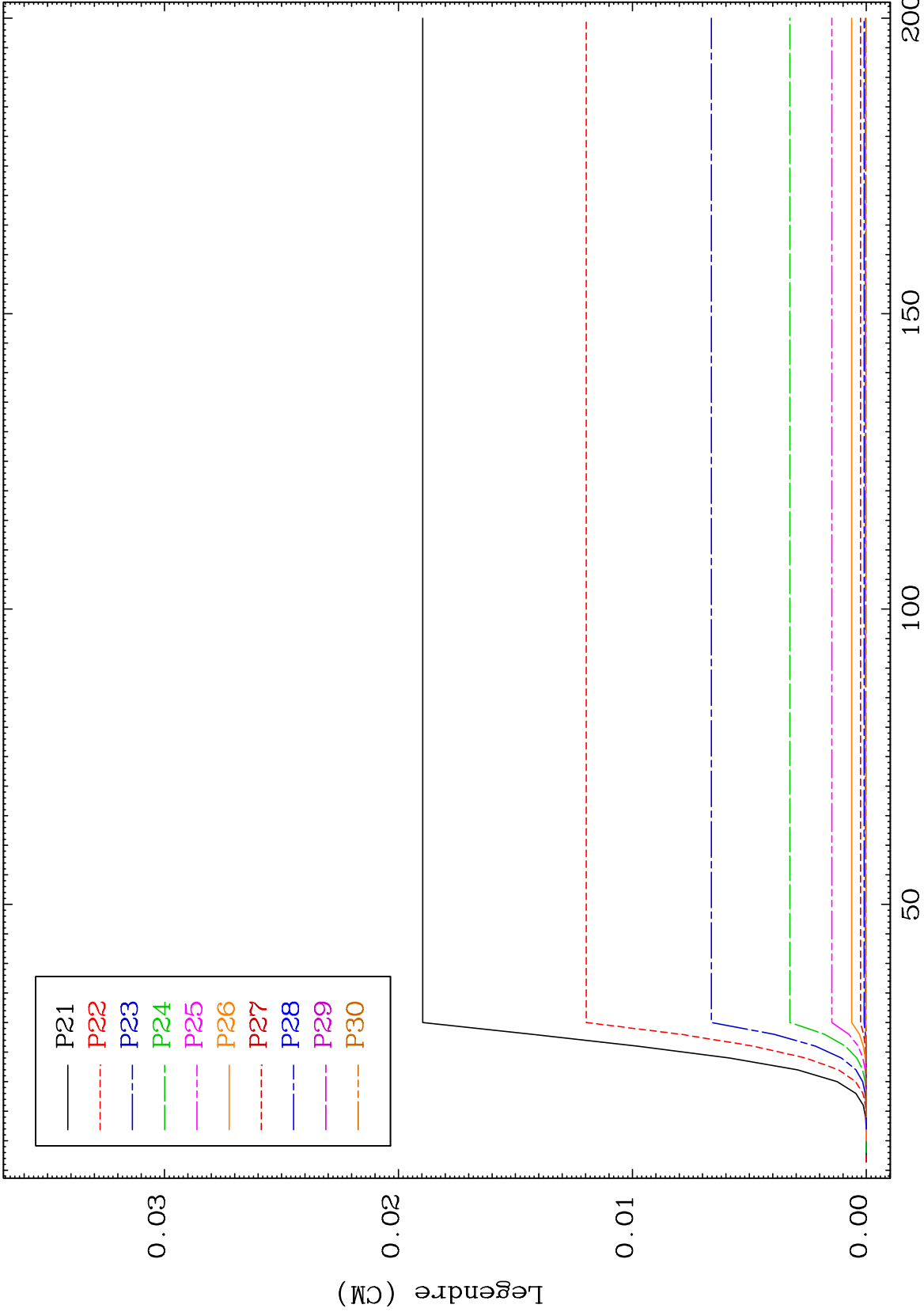
21

64-Gd-160

MAT 6449

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

64-Gd-160



22

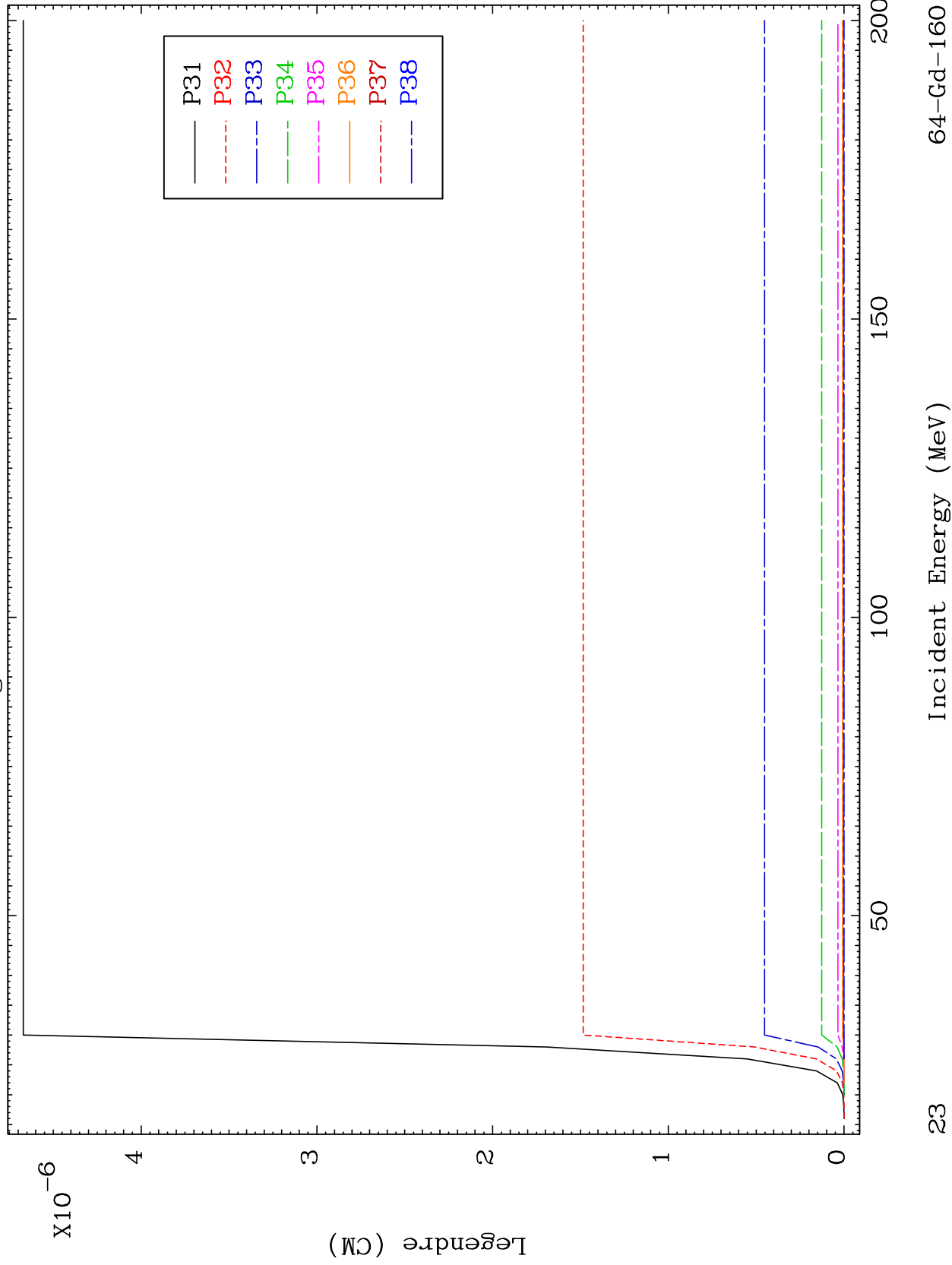
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

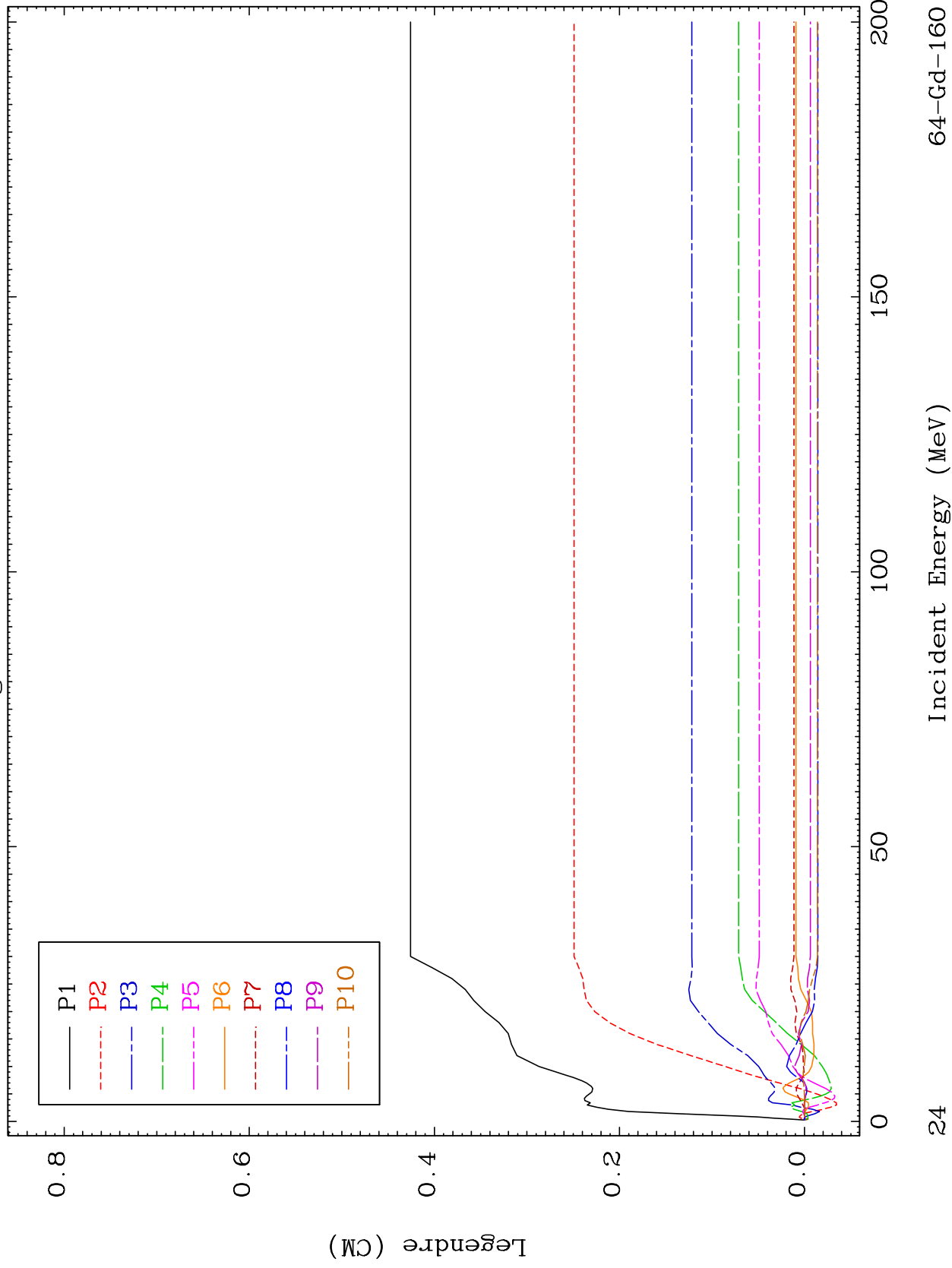
64-Gd-160



MAT 6449

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

64-Gd-160



24

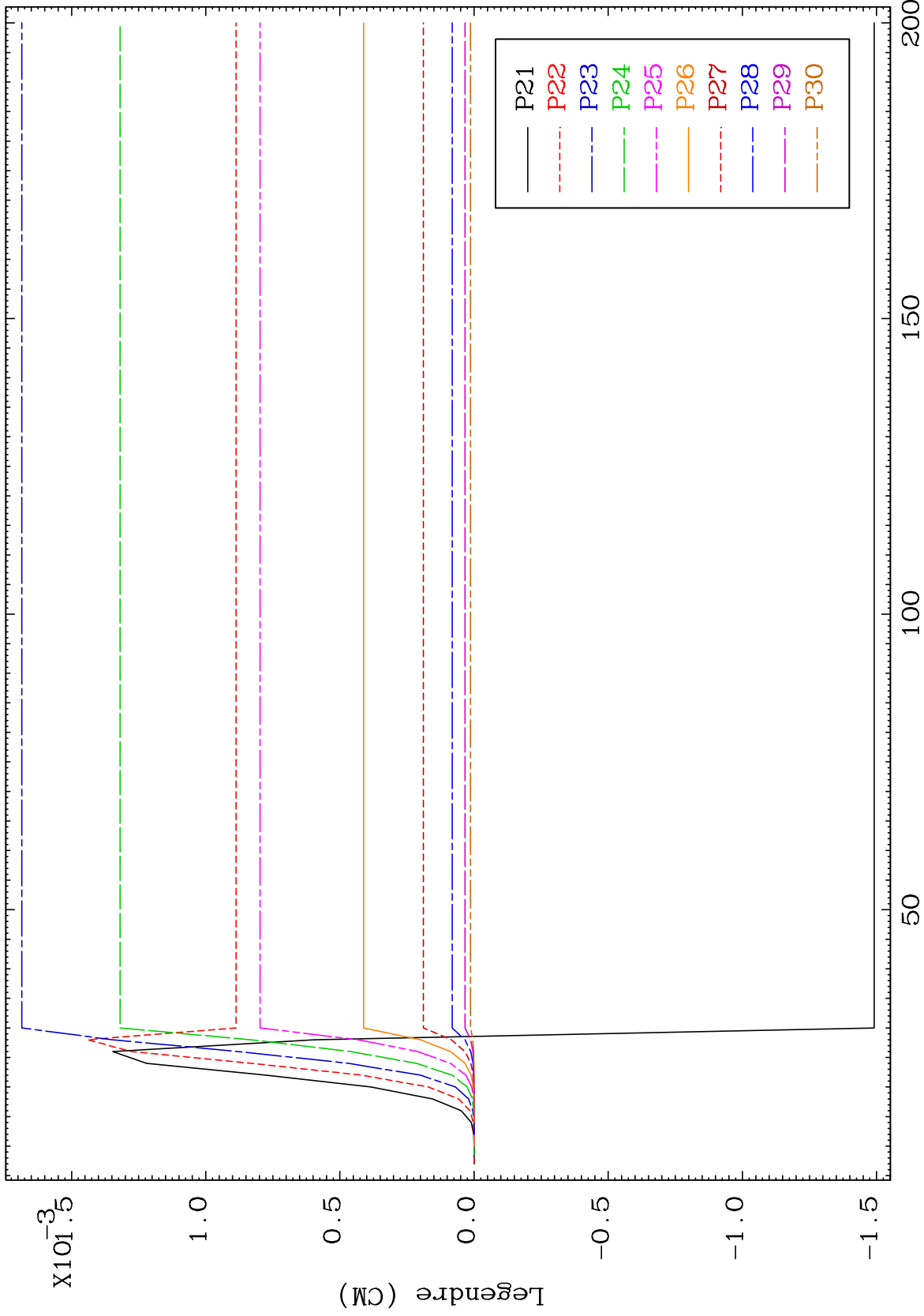
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



26

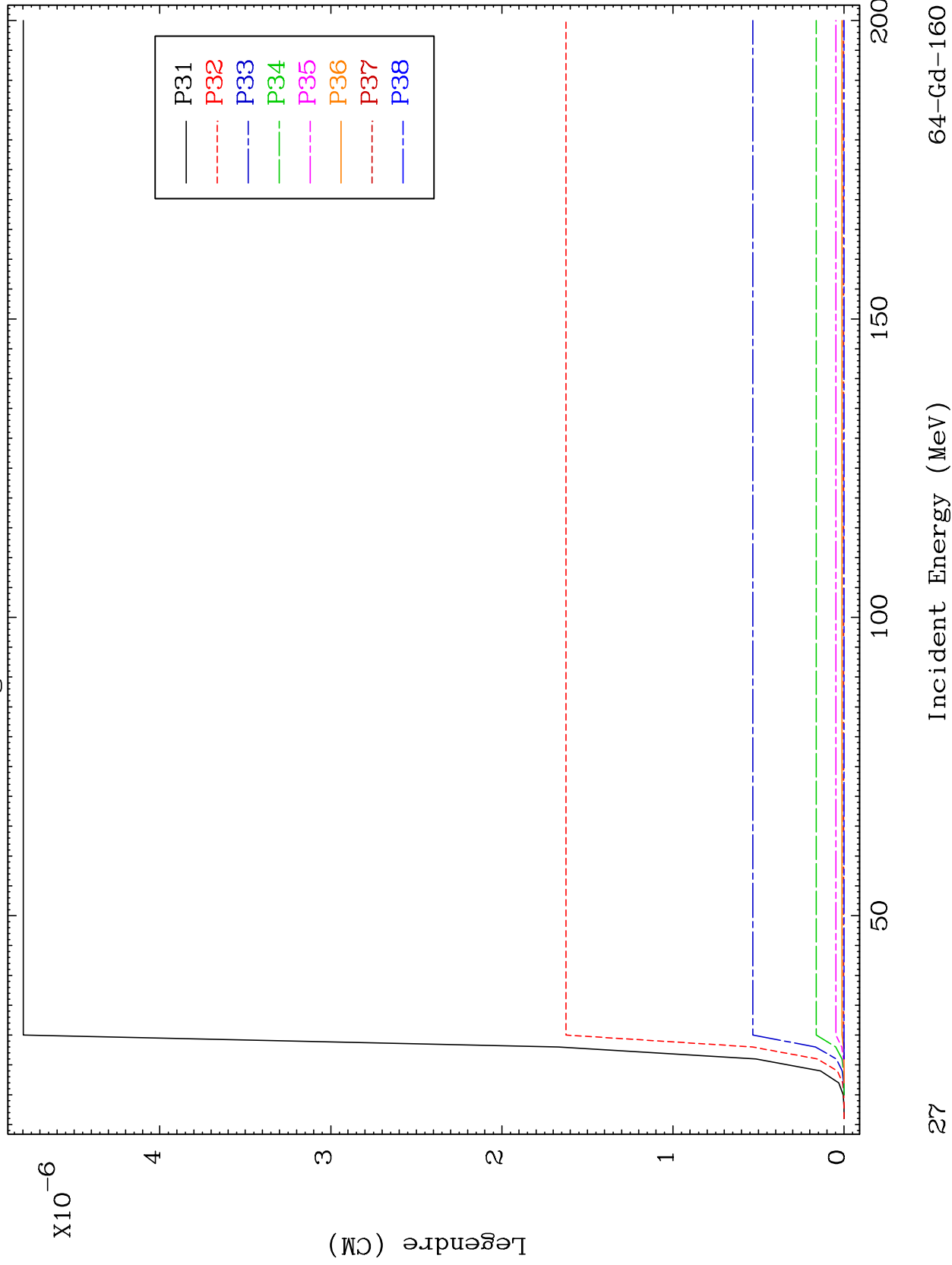
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

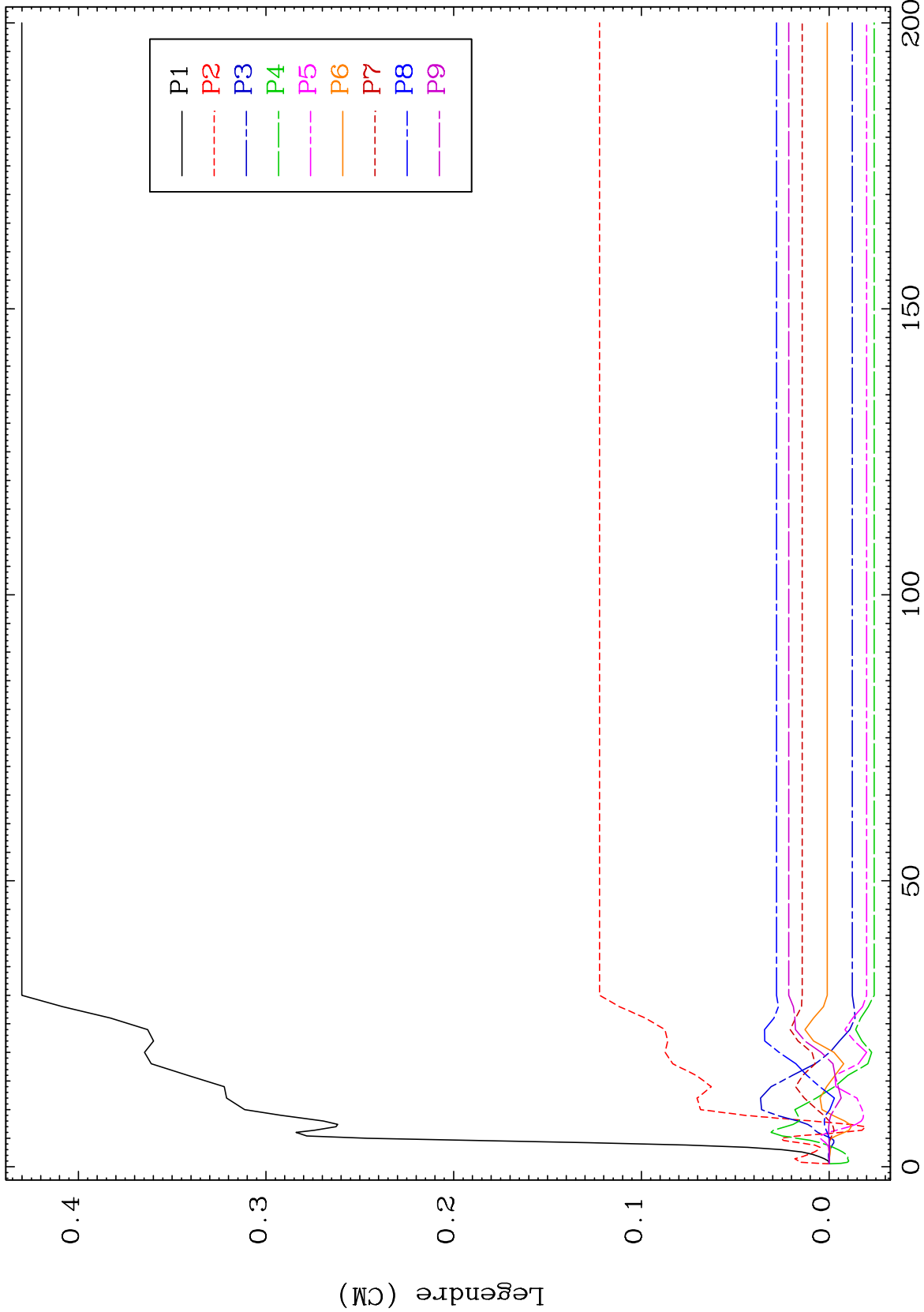
64-Gd-160



MAT 6449

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

64-Gd-160



28

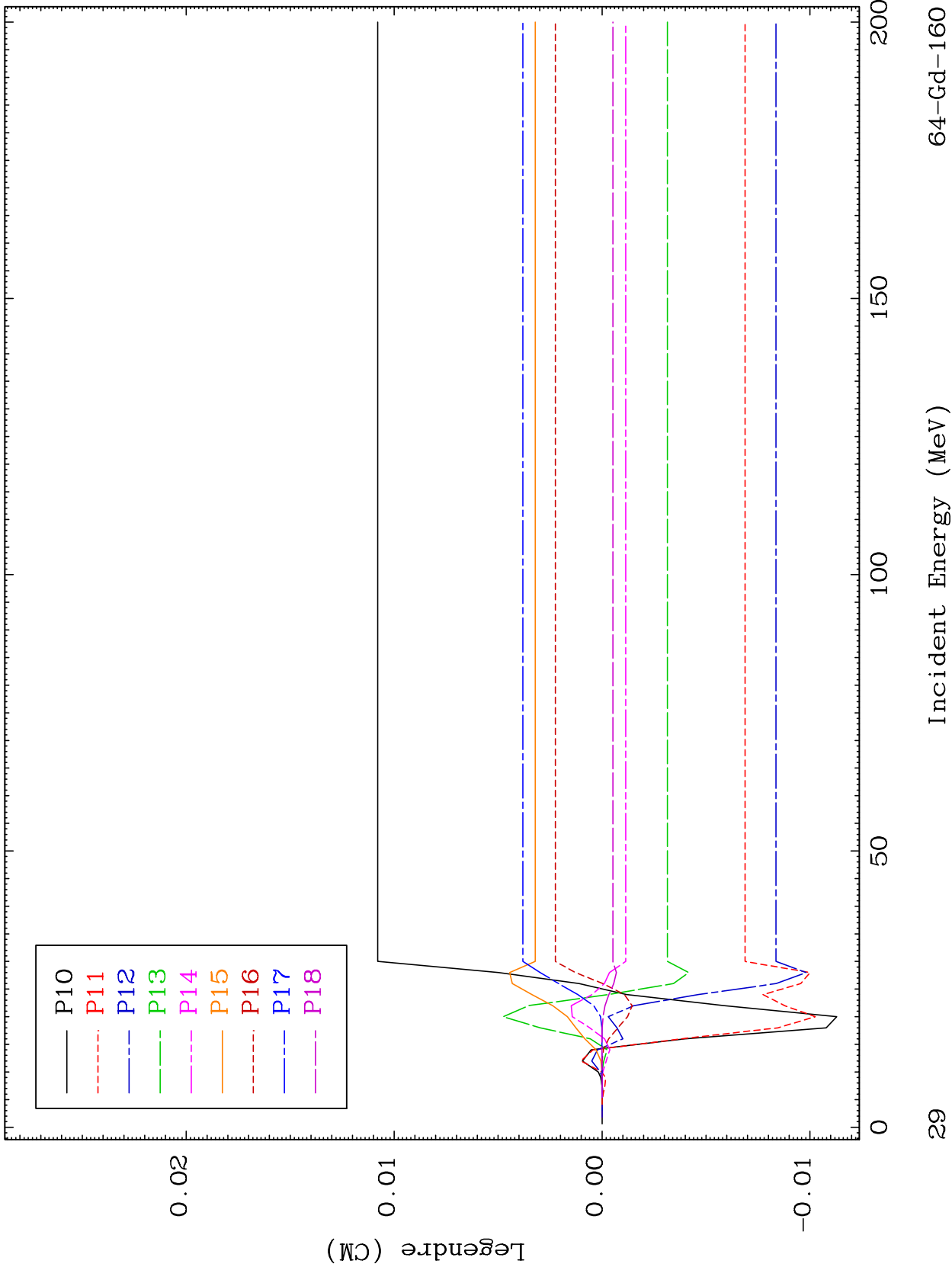
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

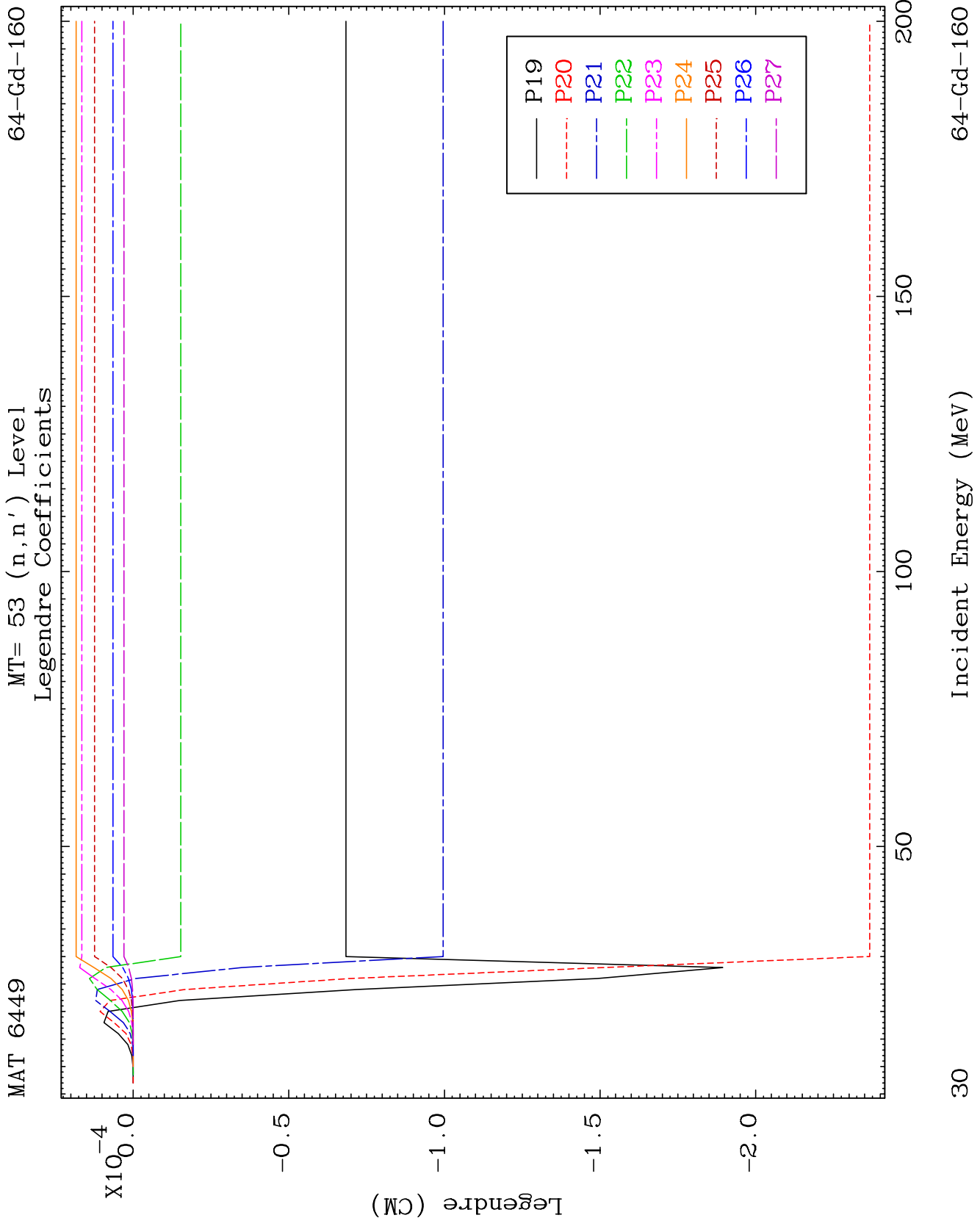
64-Gd-160



29

Incident Energy (MeV)

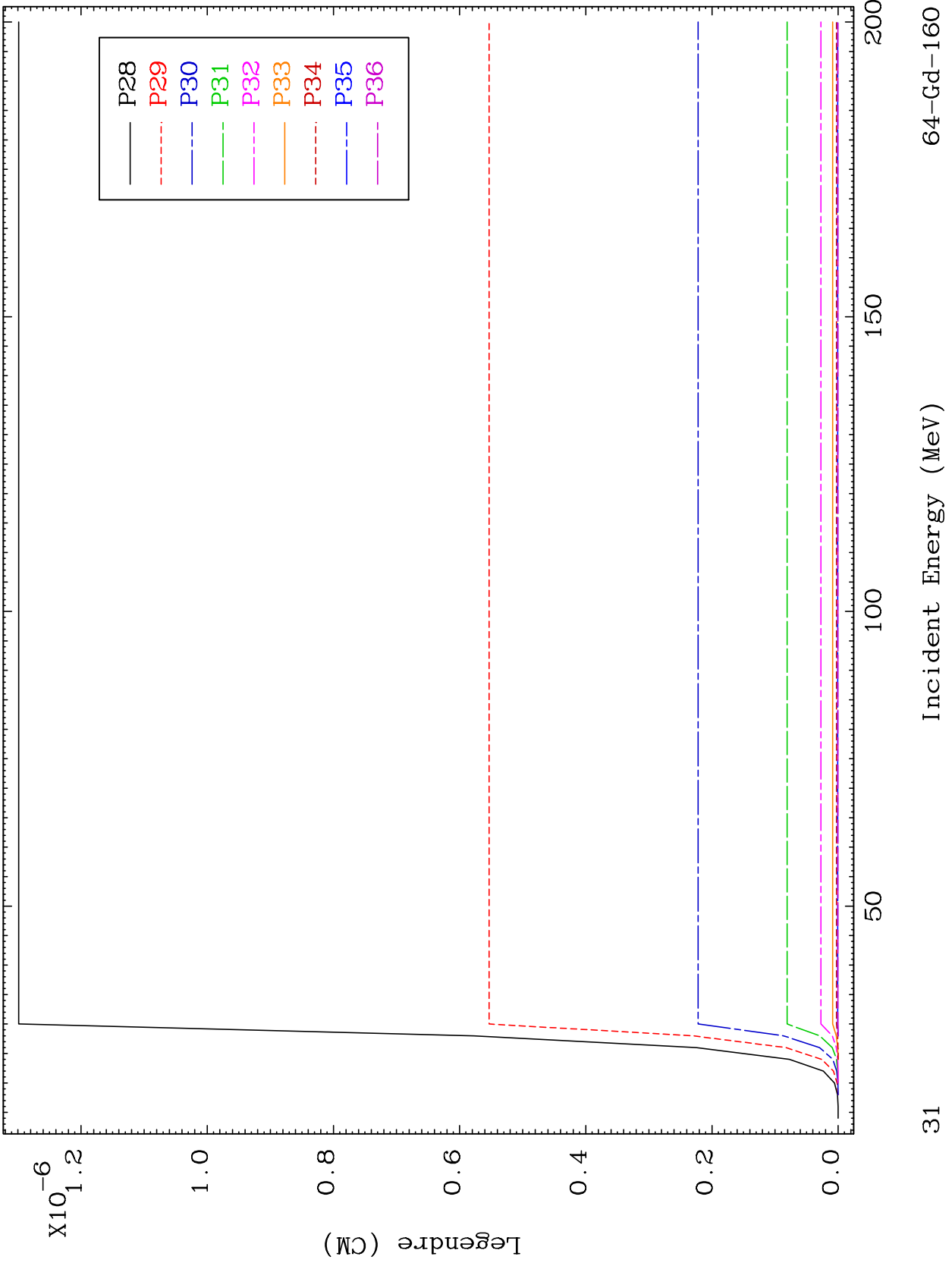
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MAT 6449

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

64-Gd-160



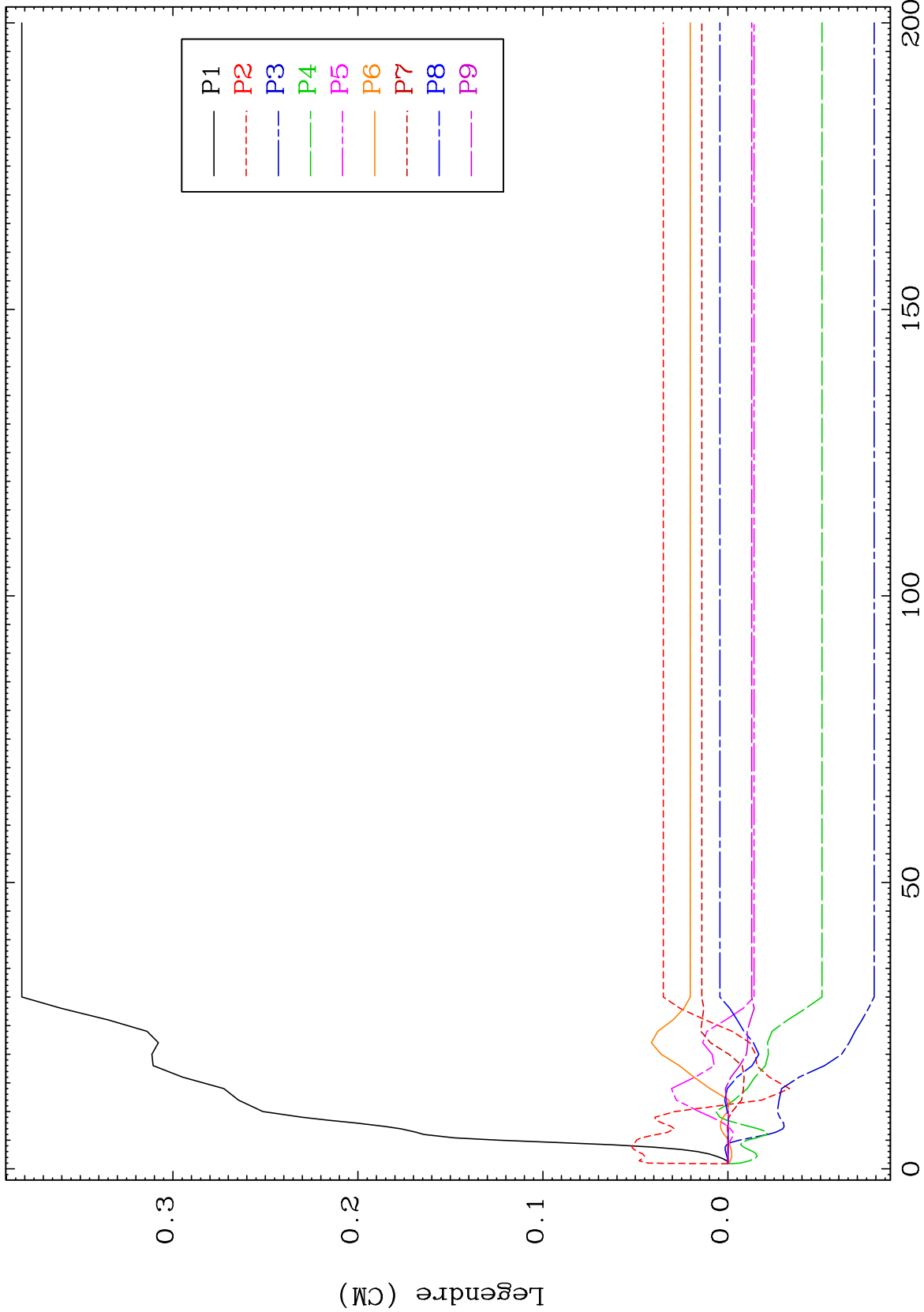
31

64-Gd-160

MAT 6449

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

64-Gd-160



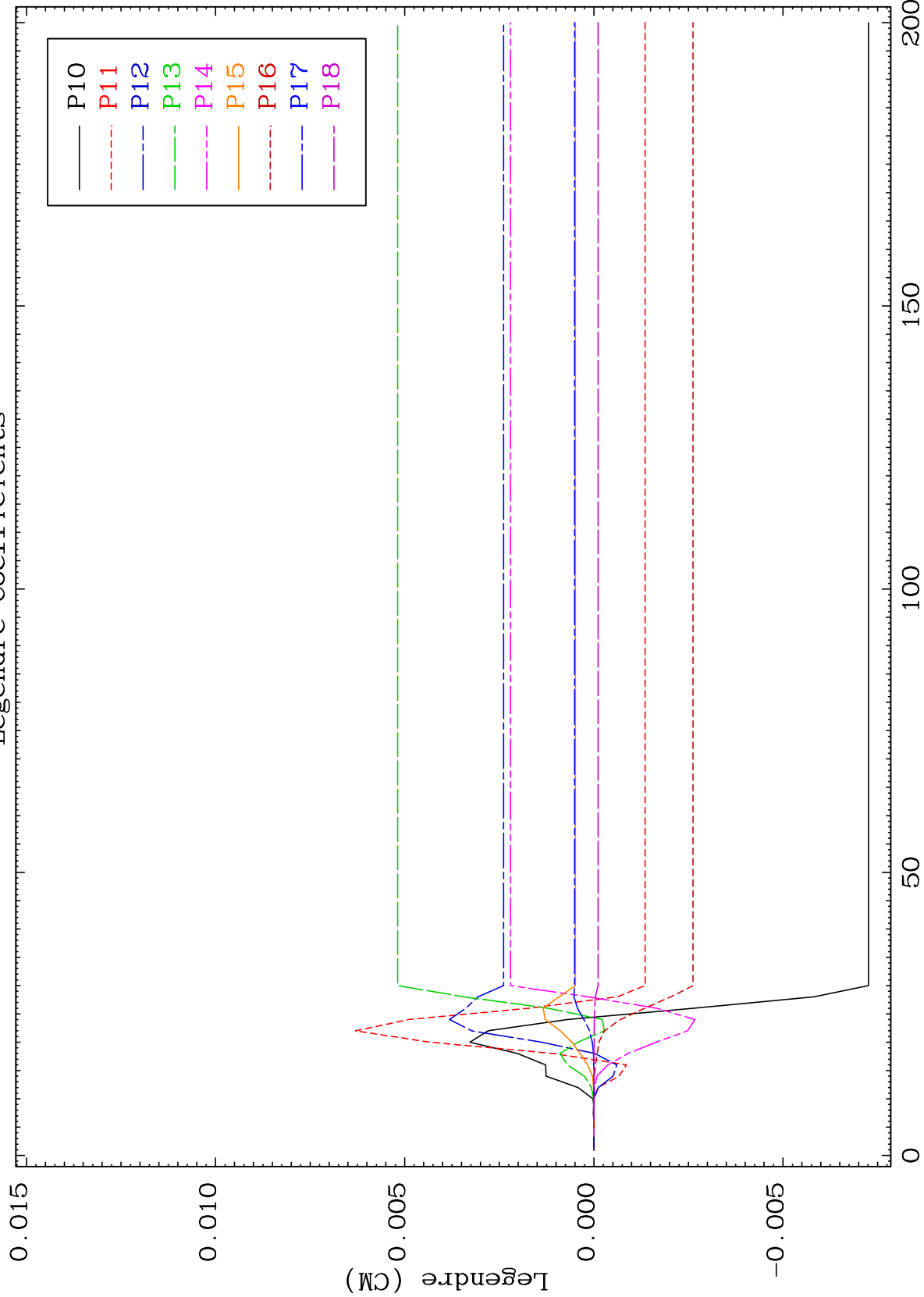
32

64-Gd-160

MAT 6449

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

64-Gd-160



33

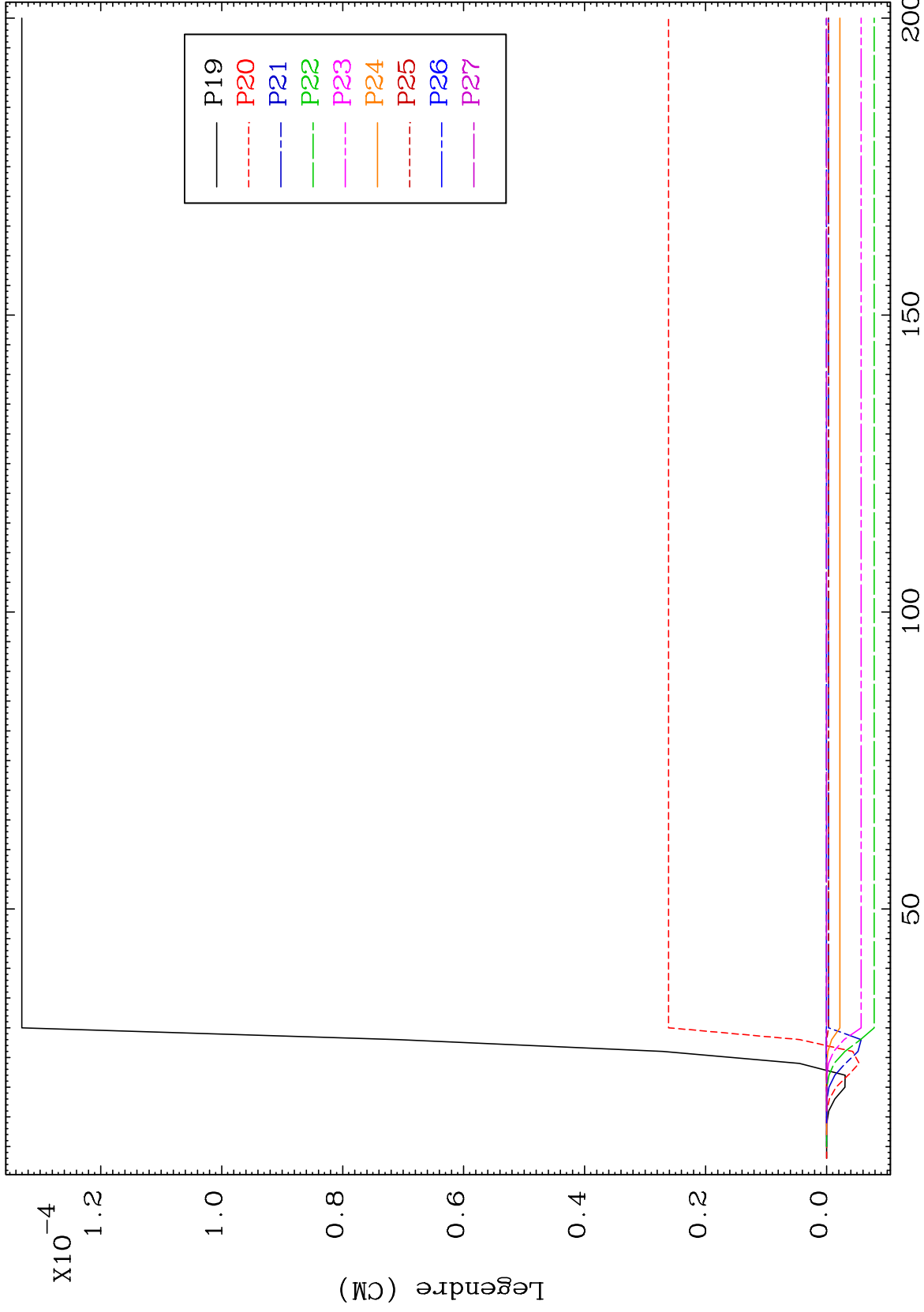
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



34

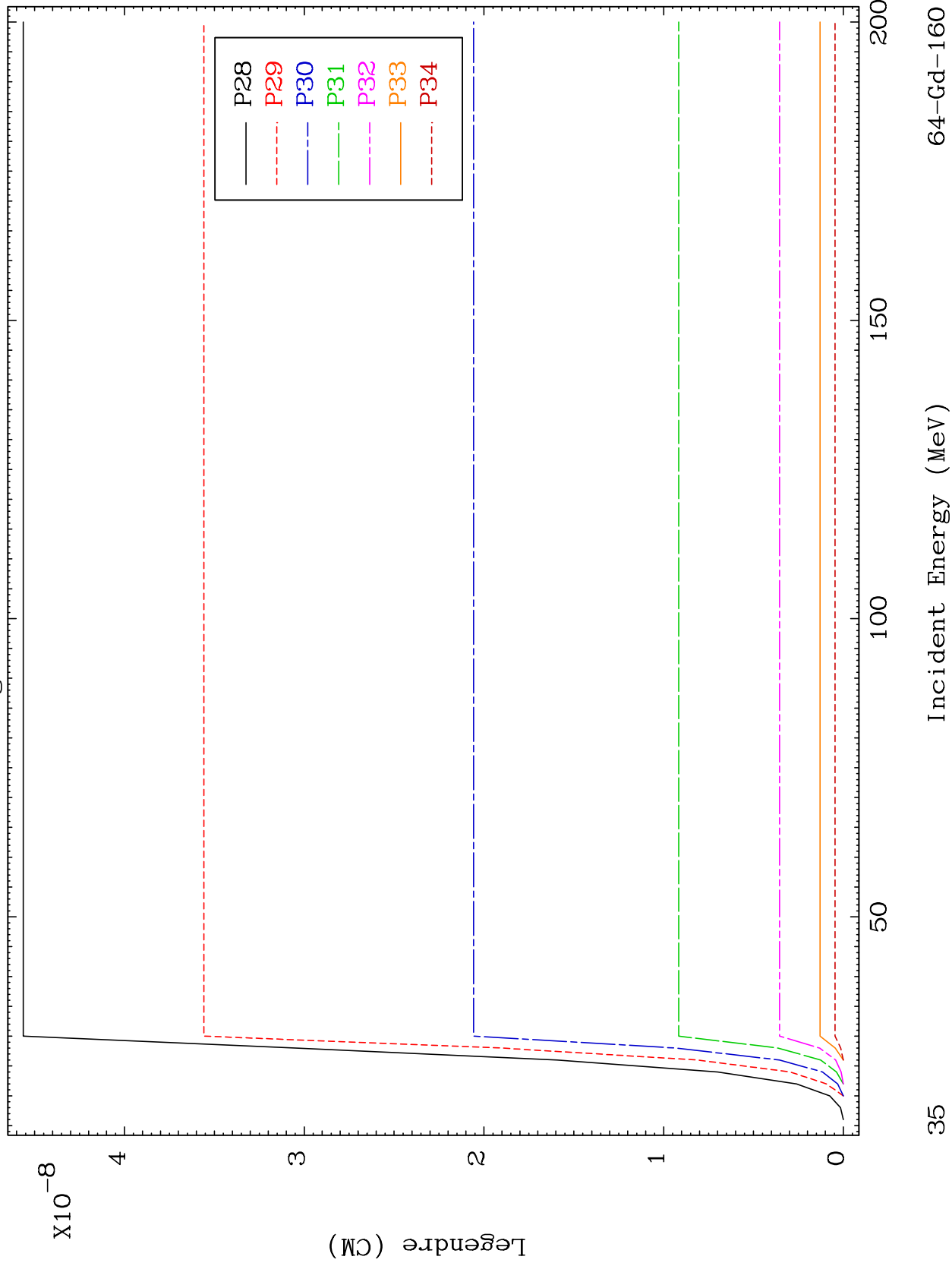
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



35

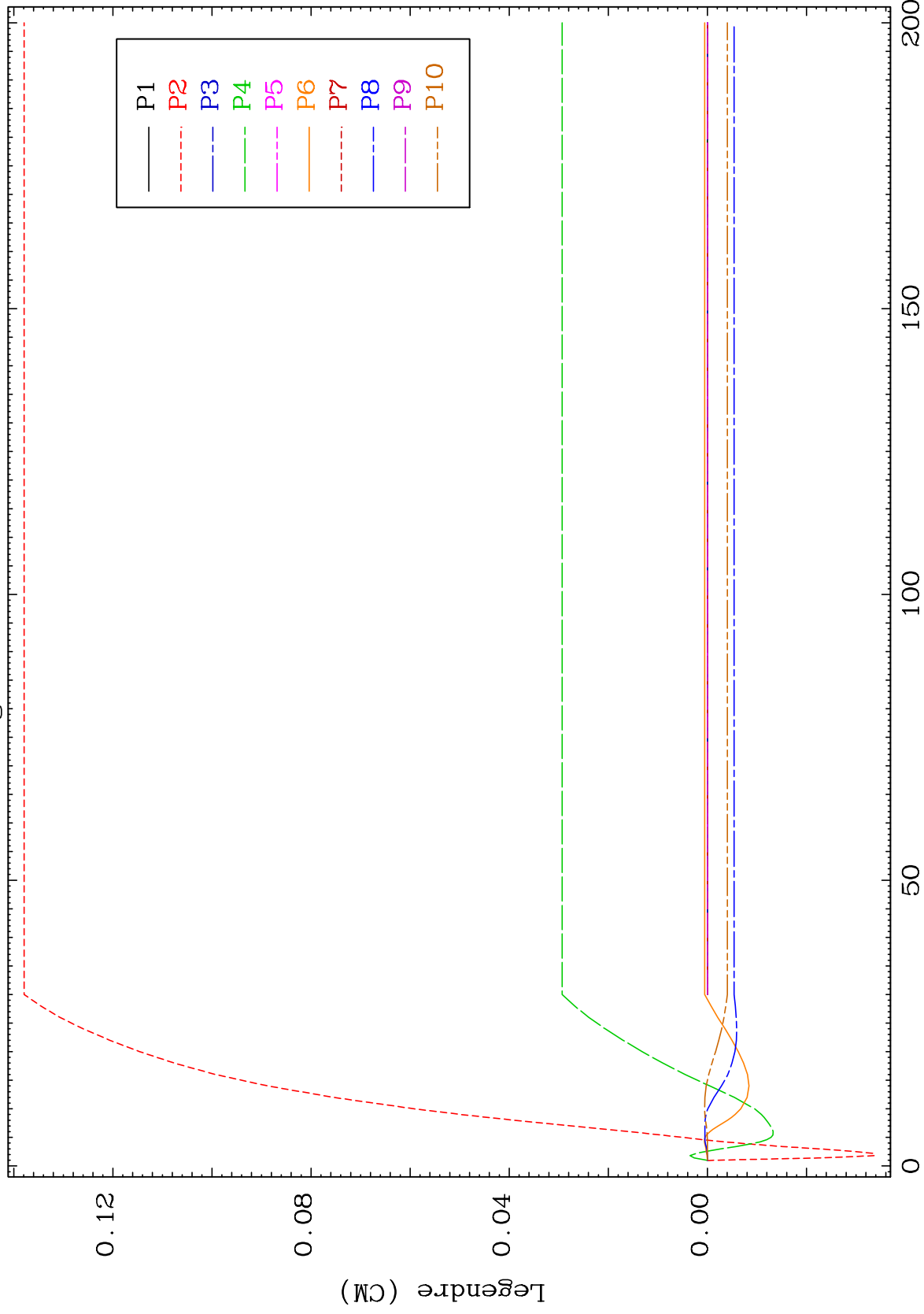
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



36

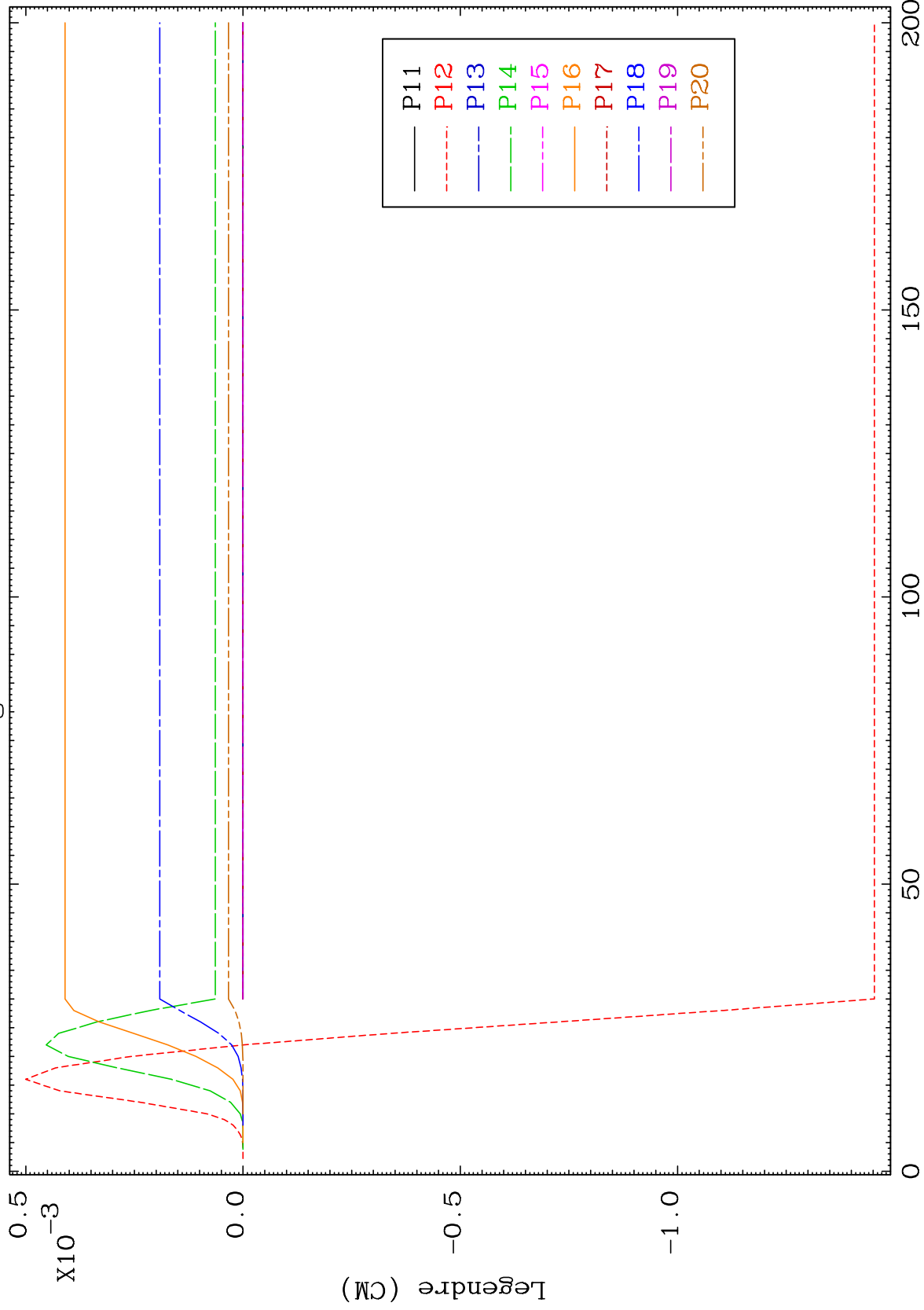
64-Gd-160

64-Gd-160

MAT 6449

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

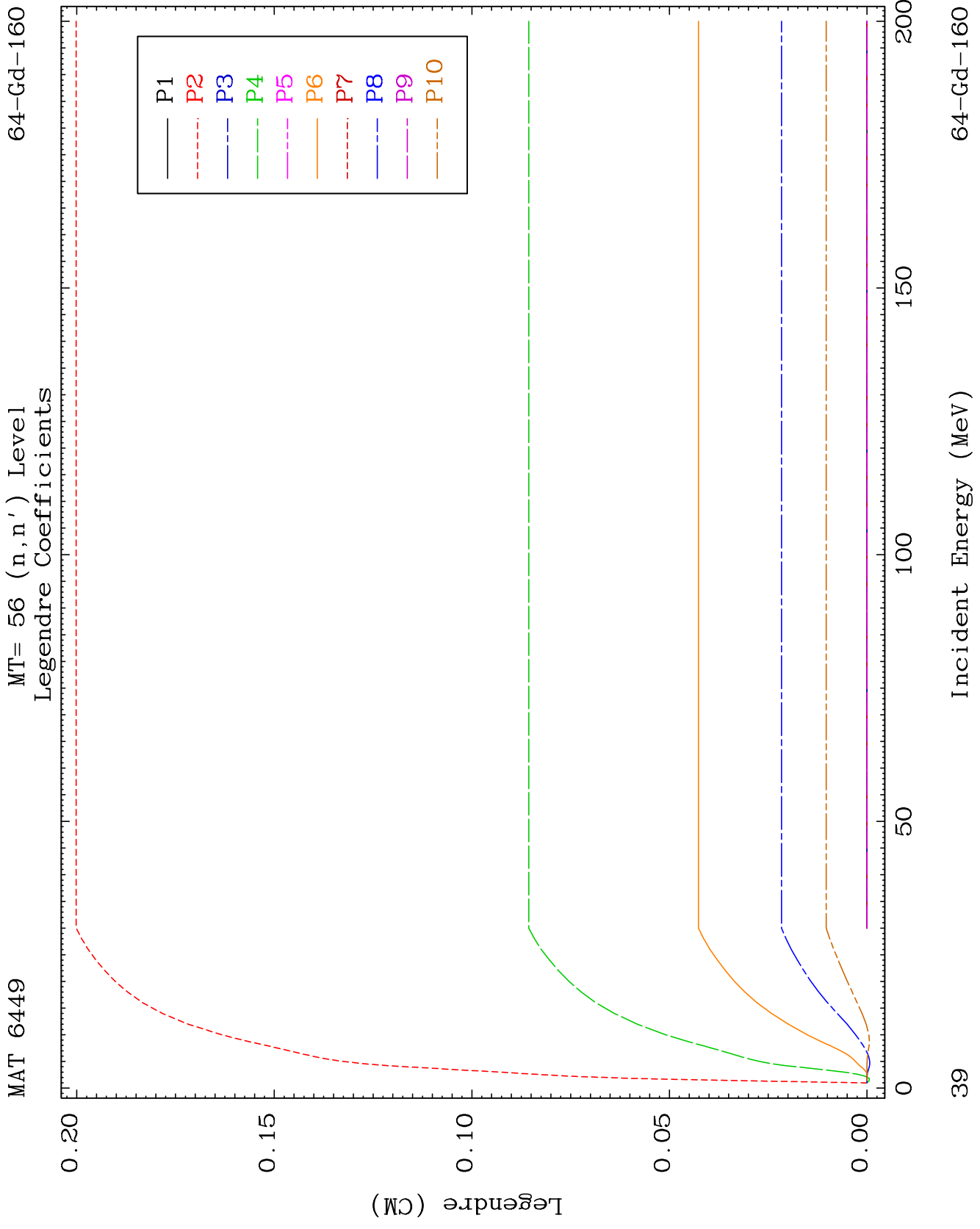
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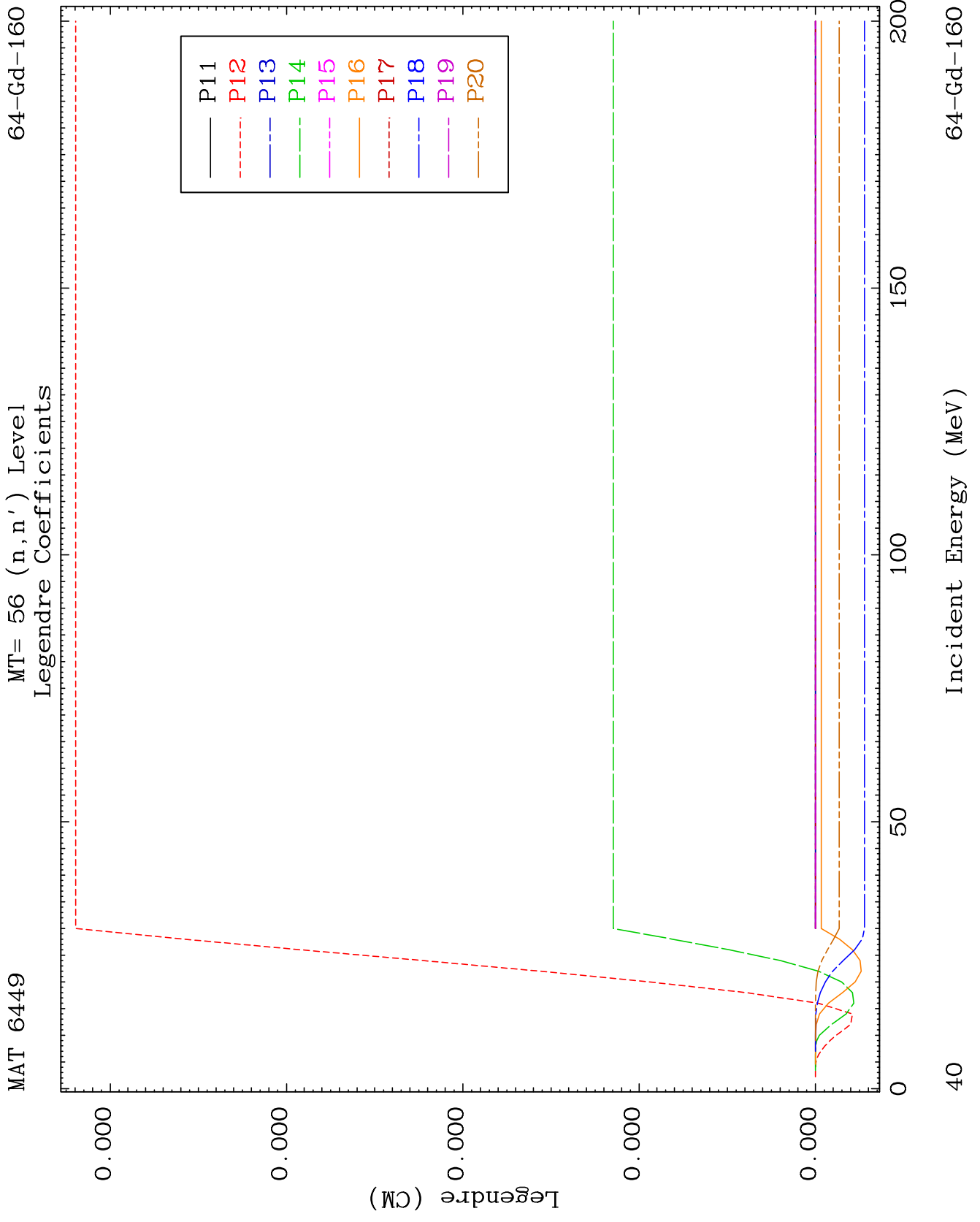


37

Incident Energy (MeV)

64-Gd-160

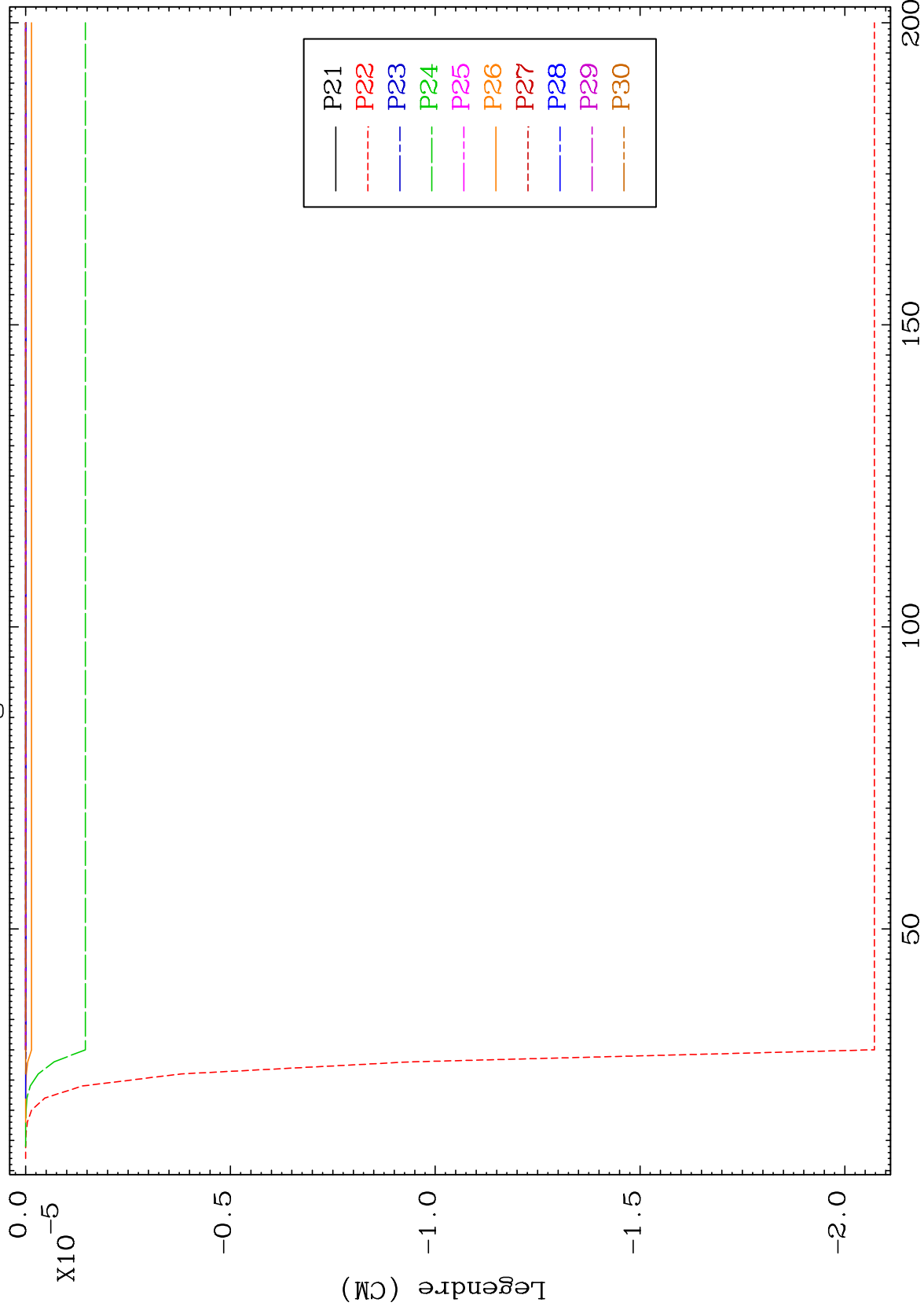




MAT 6449

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

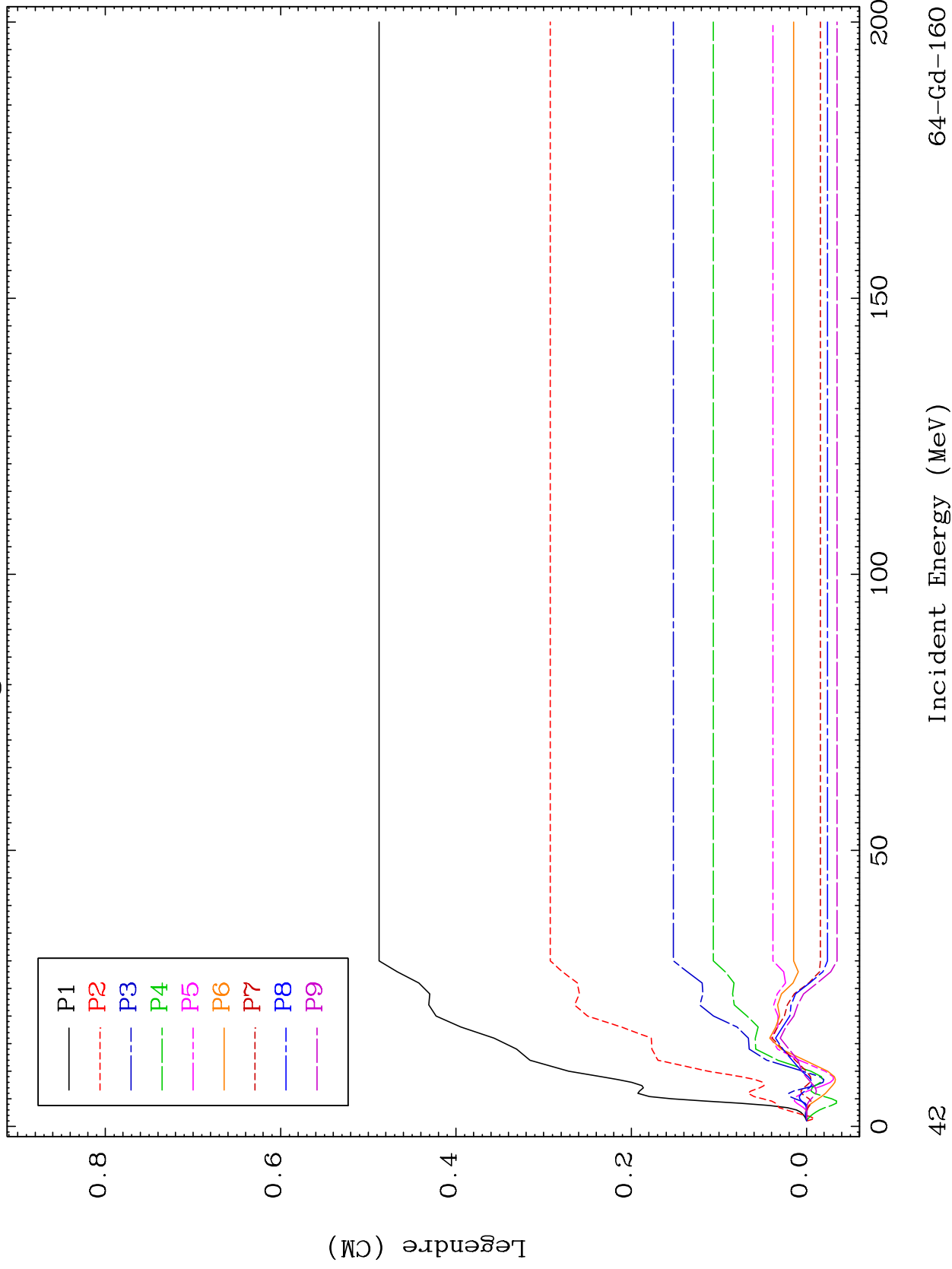
64-Gd-160



MAT 6449

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

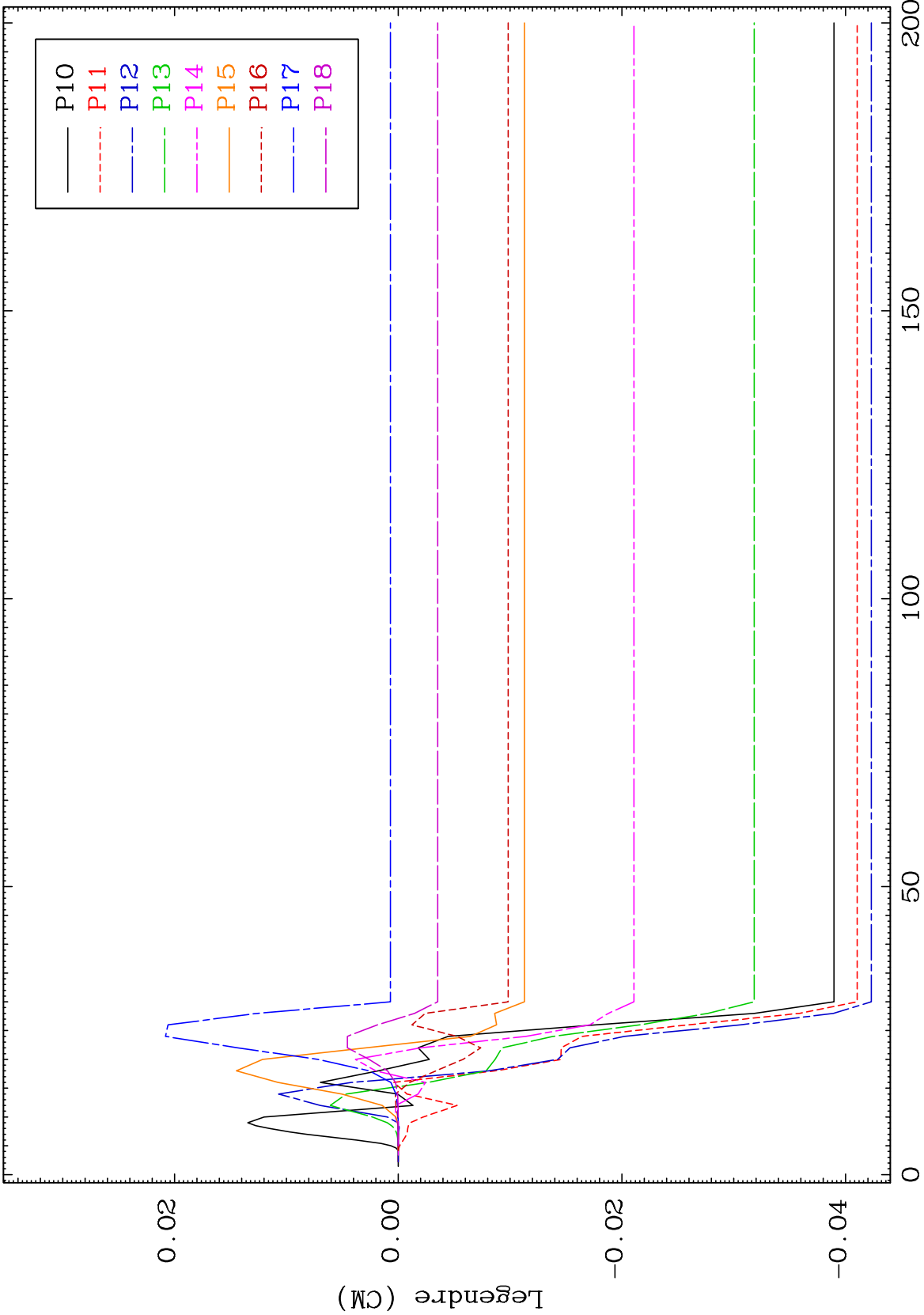
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MAT 6449

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

64-Gd-160



43

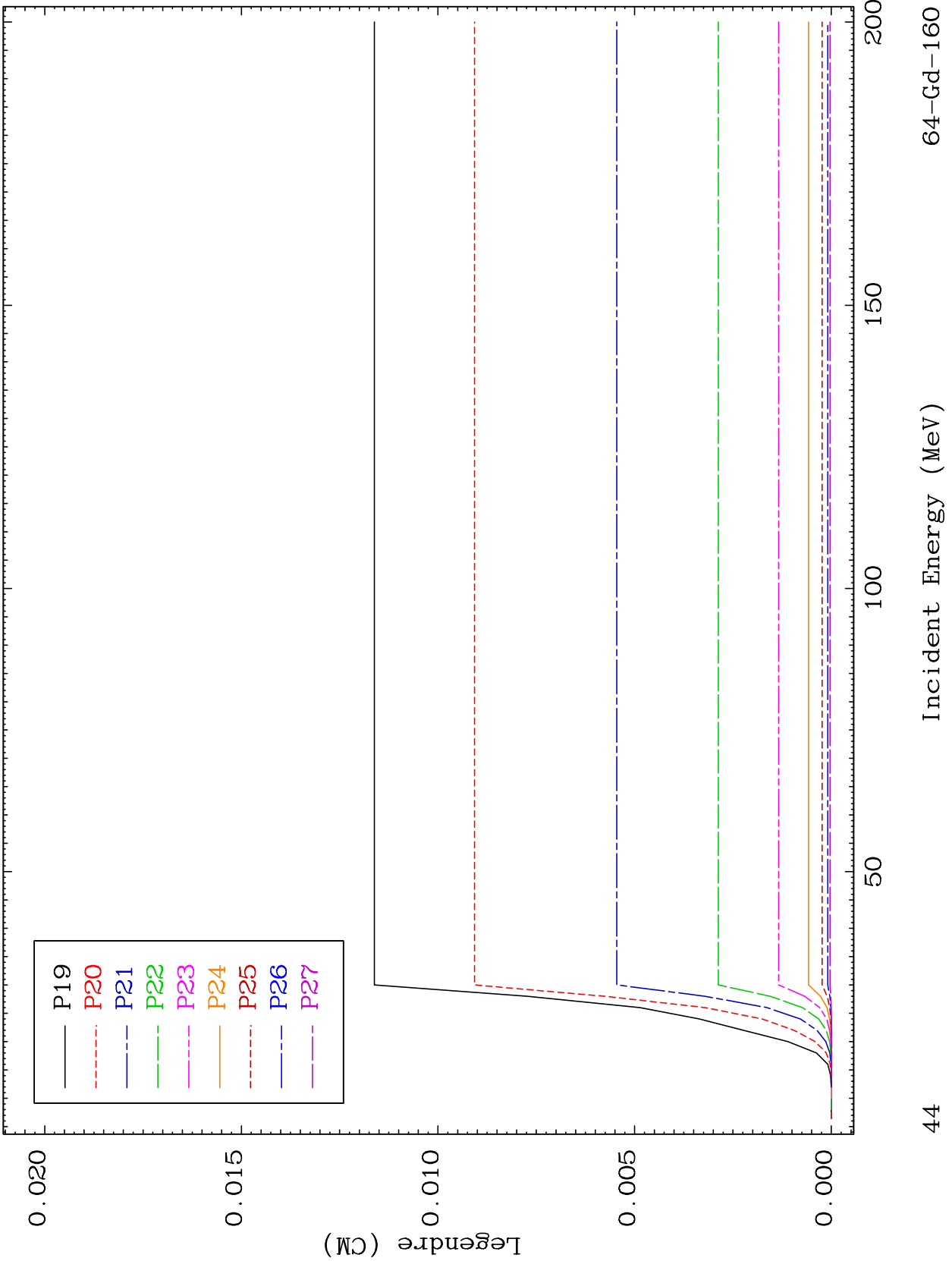
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



44

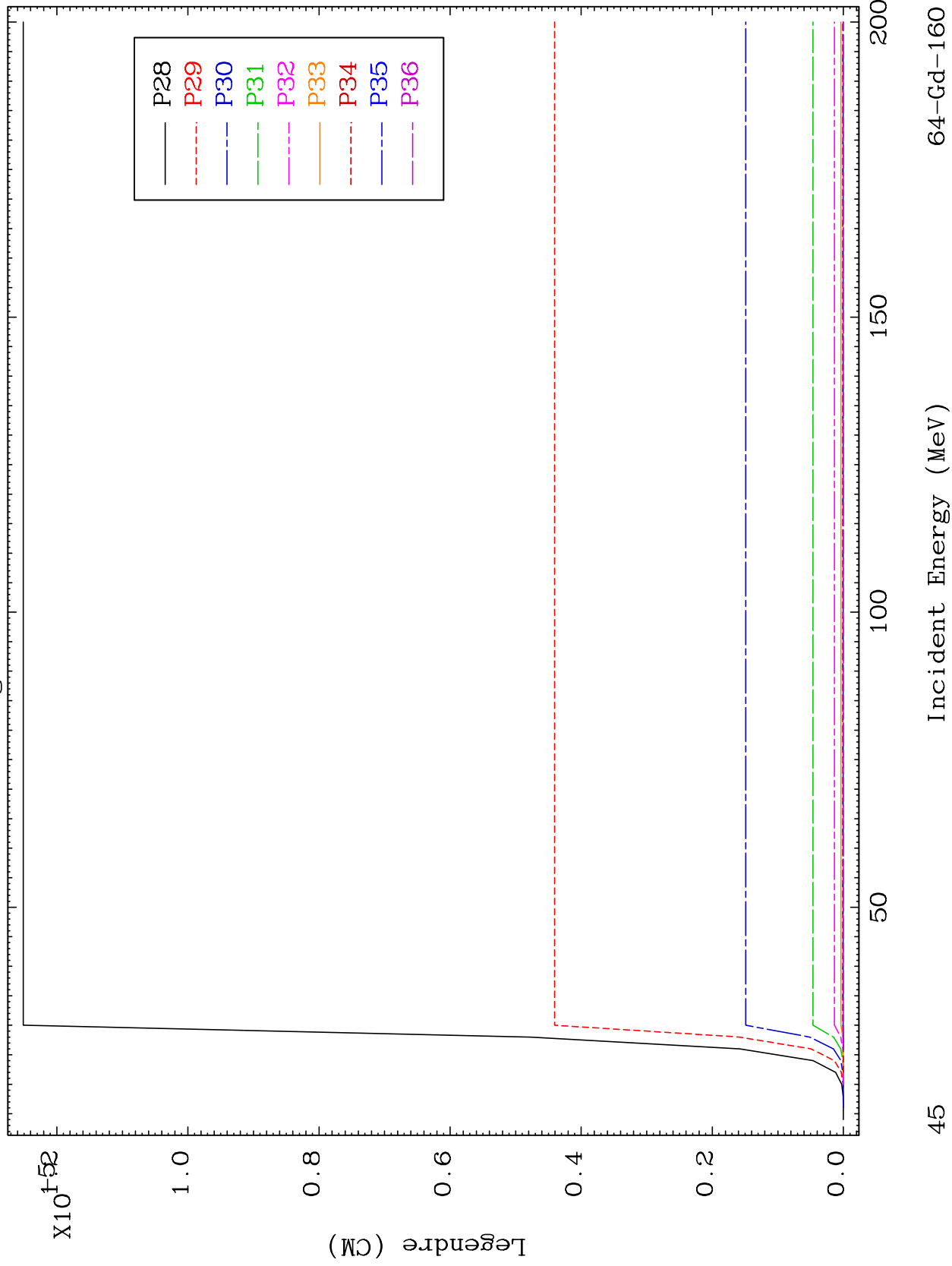
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

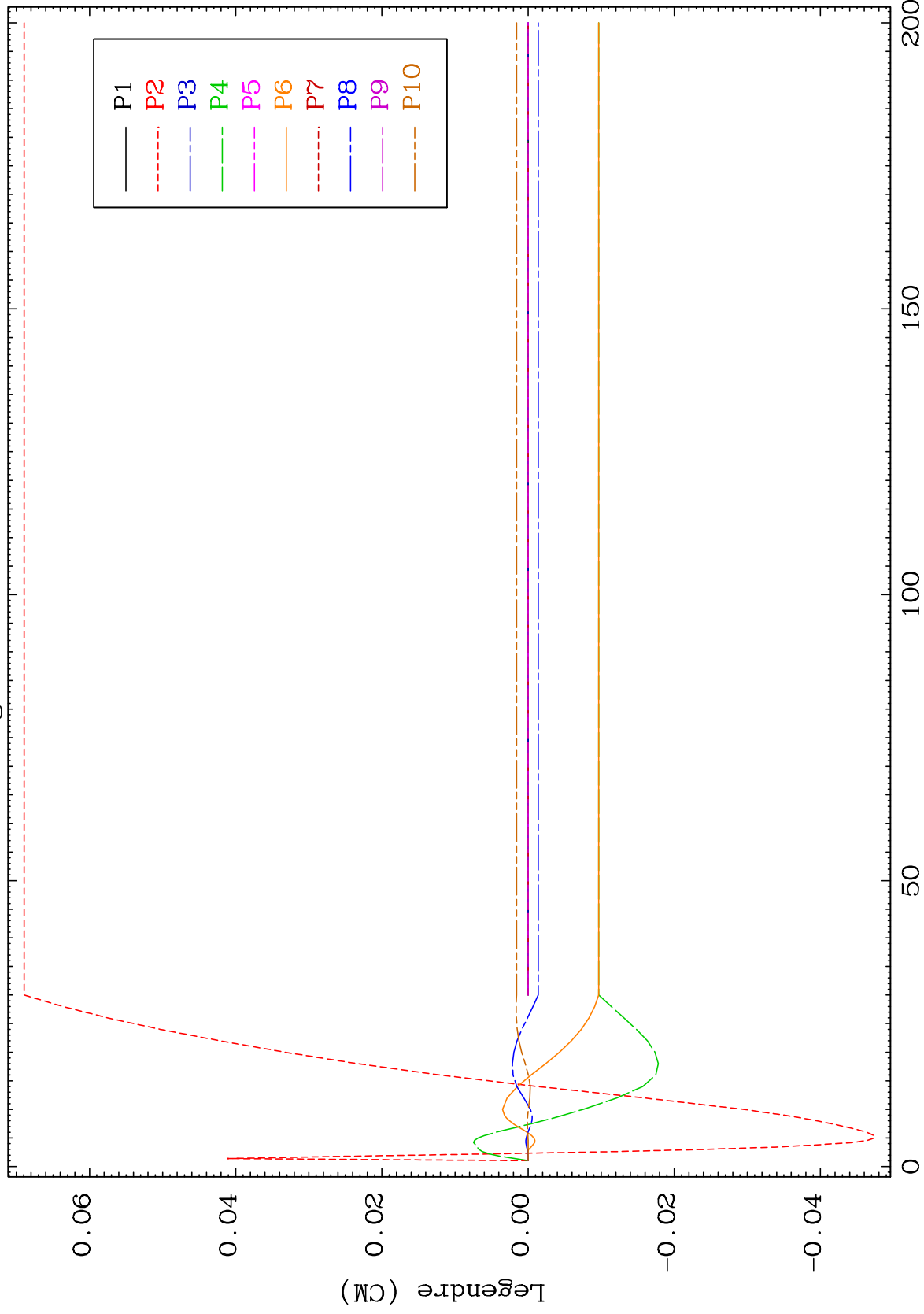
64-Gd-160



MAT 6449

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

64-Gd-160



46

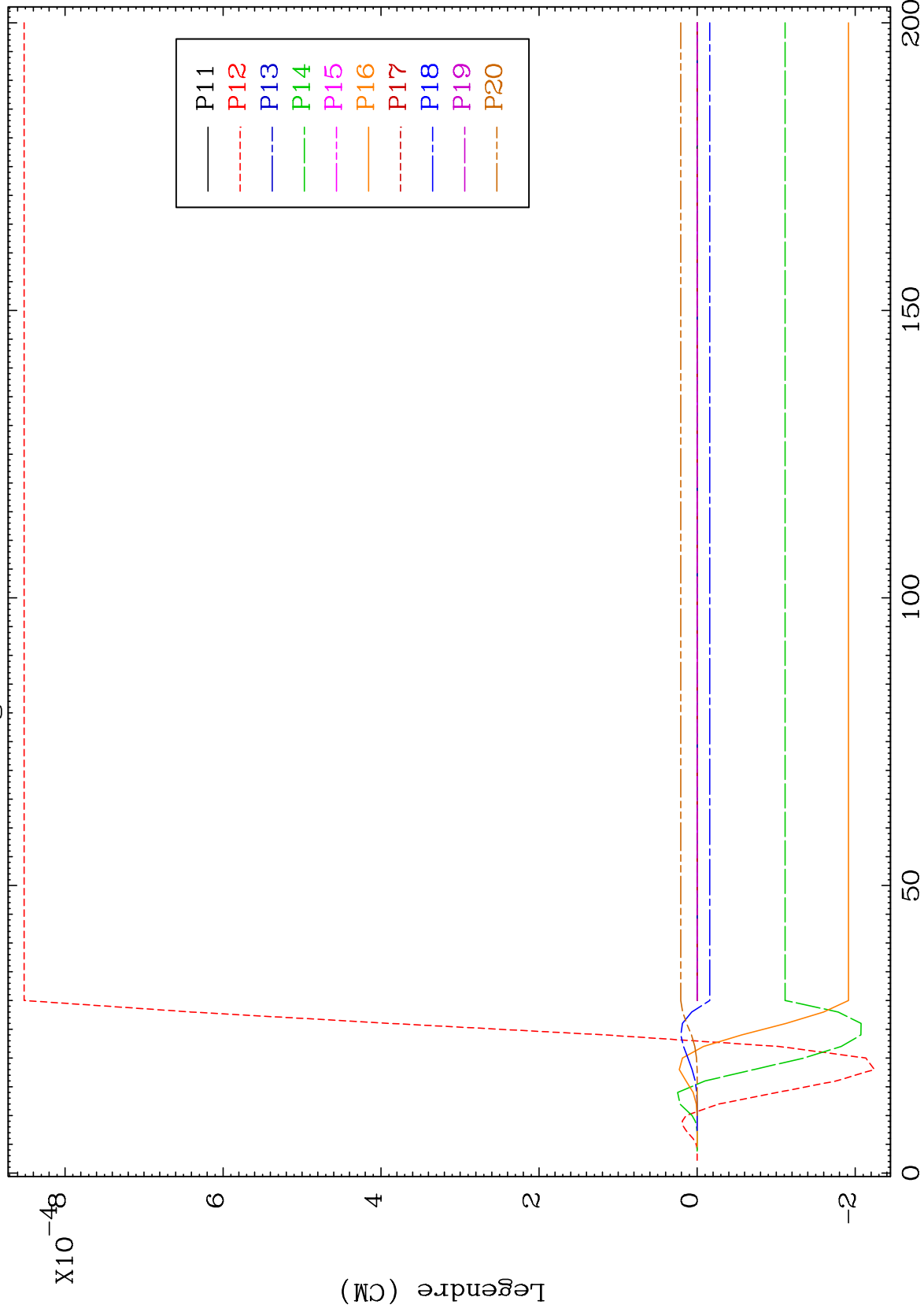
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

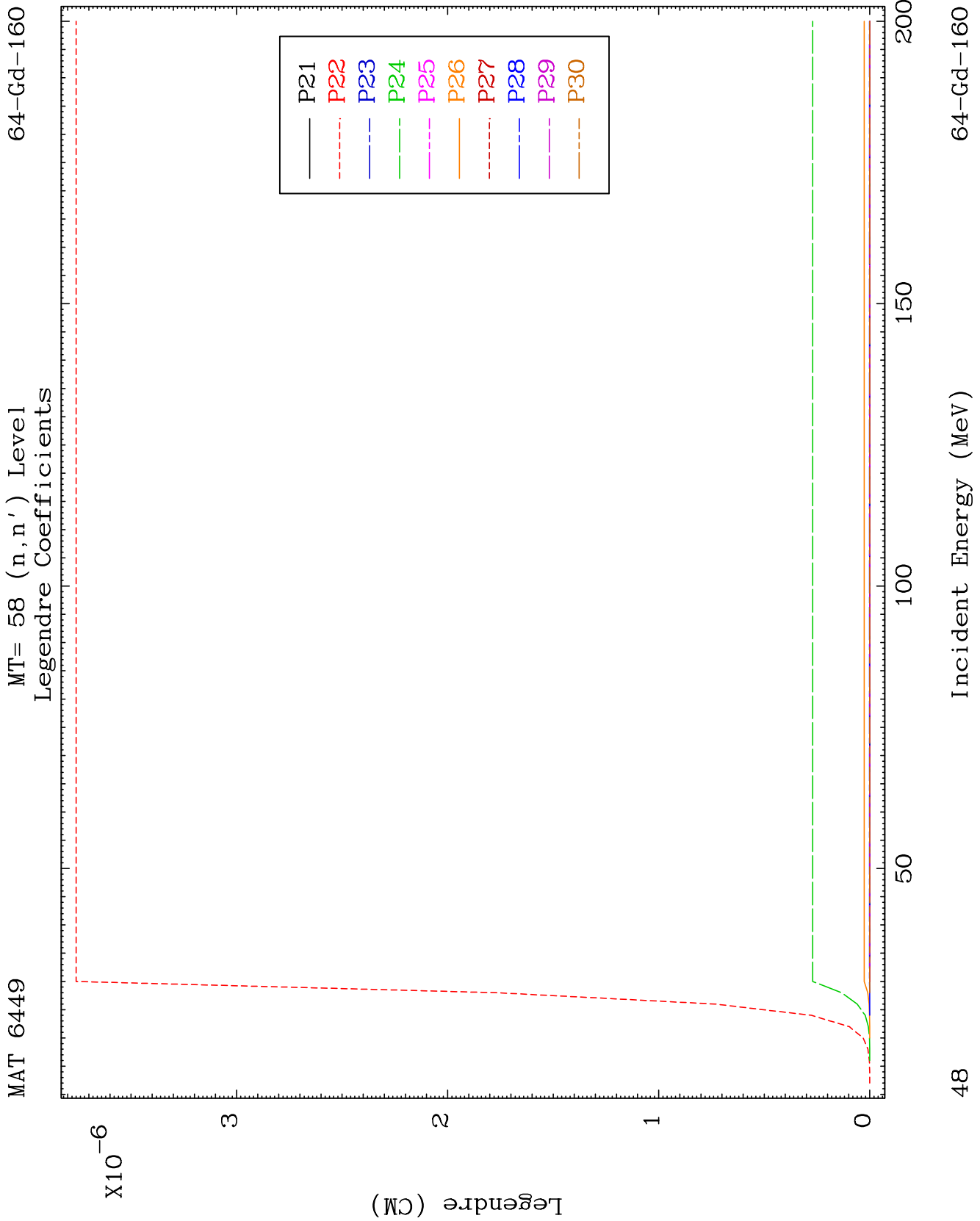
64-Gd-160



47

Incident Energy (MeV)

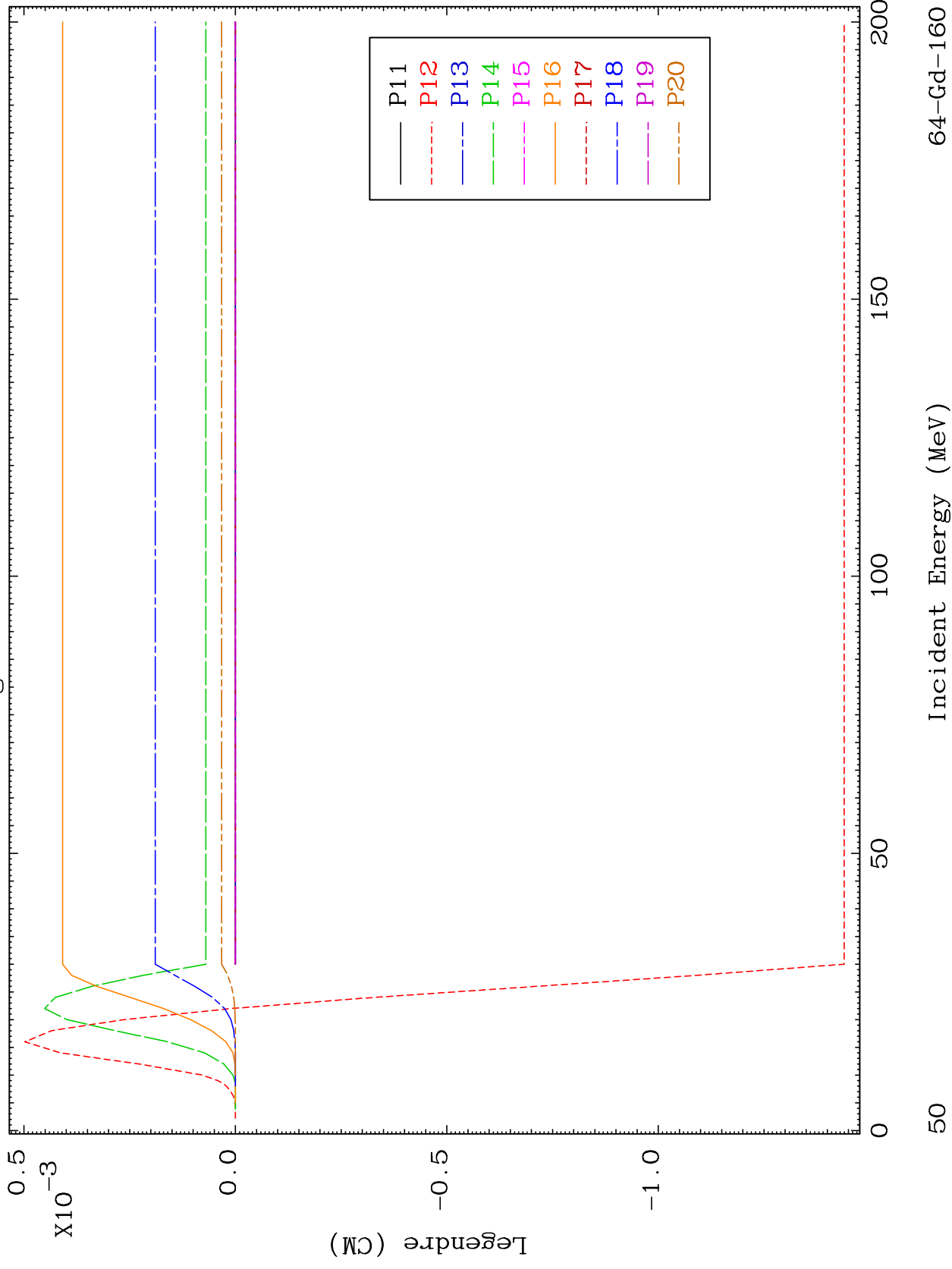
64-Gd-160



MAT 6449

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

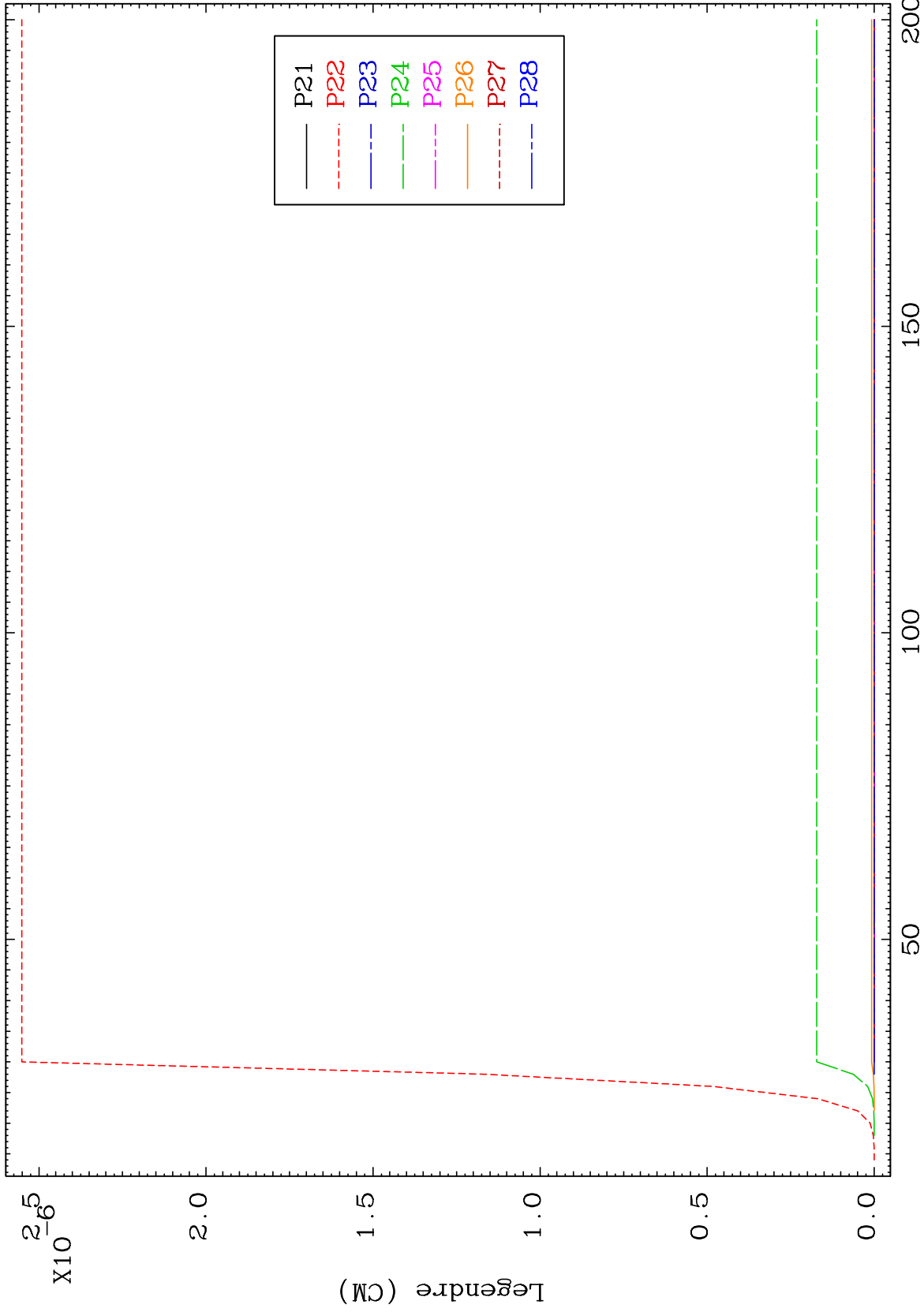
64-Gd-160



MAT 6449

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

64-Gd-160



51

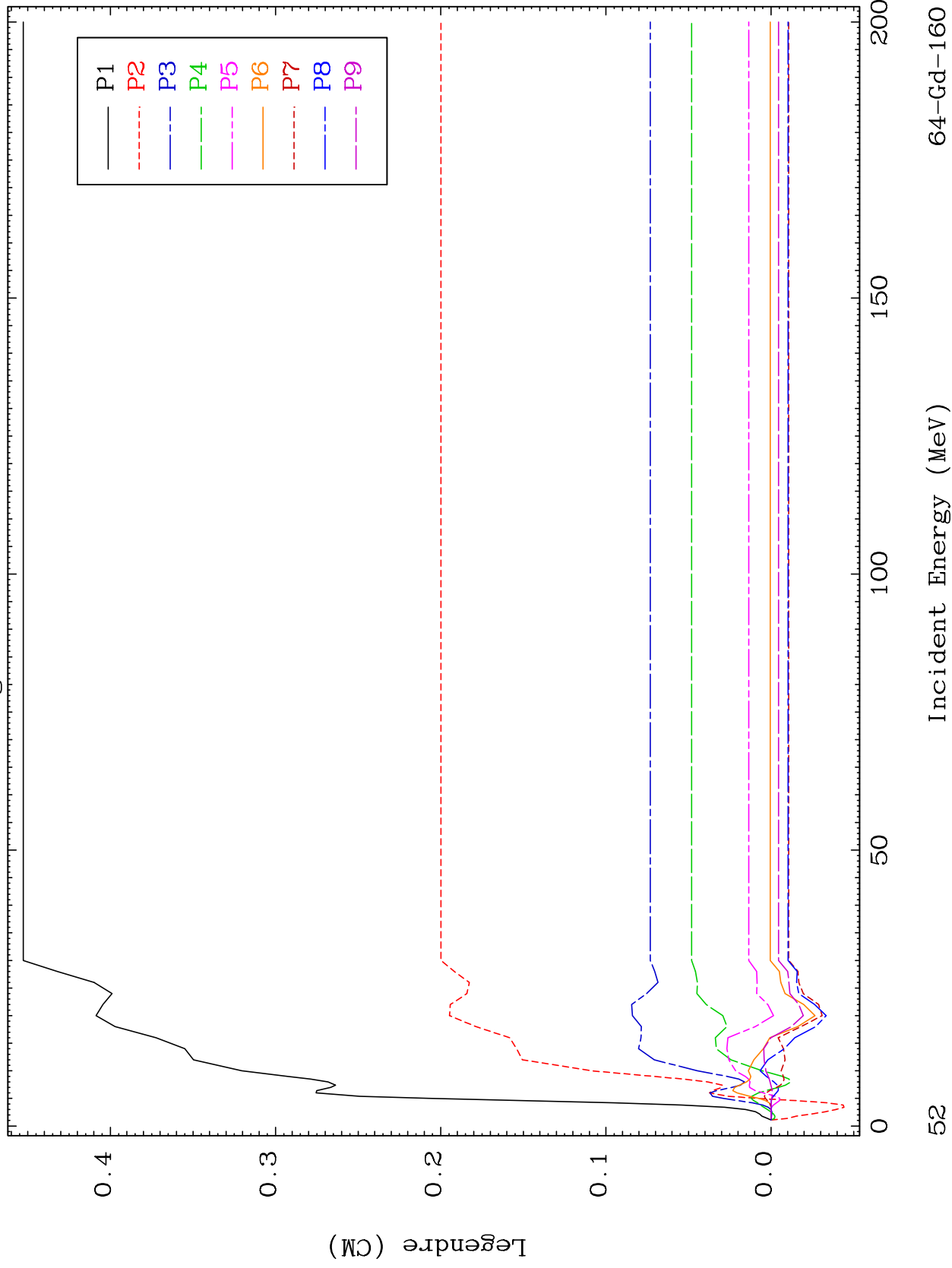
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160

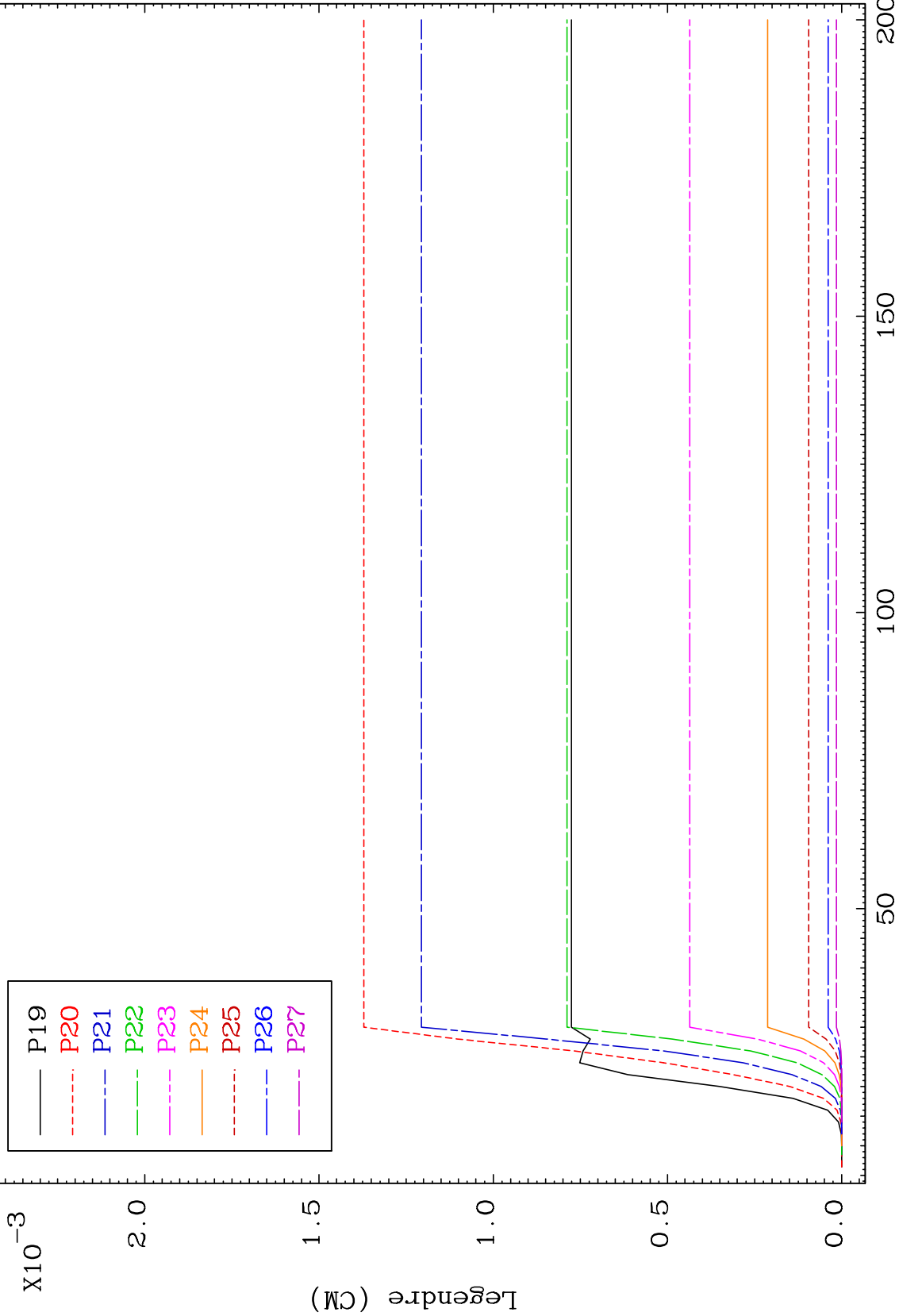
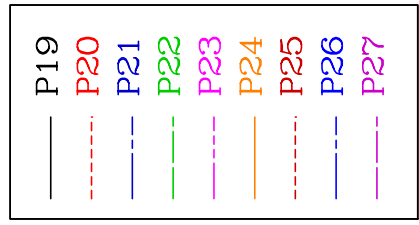


52

MAT 6449

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

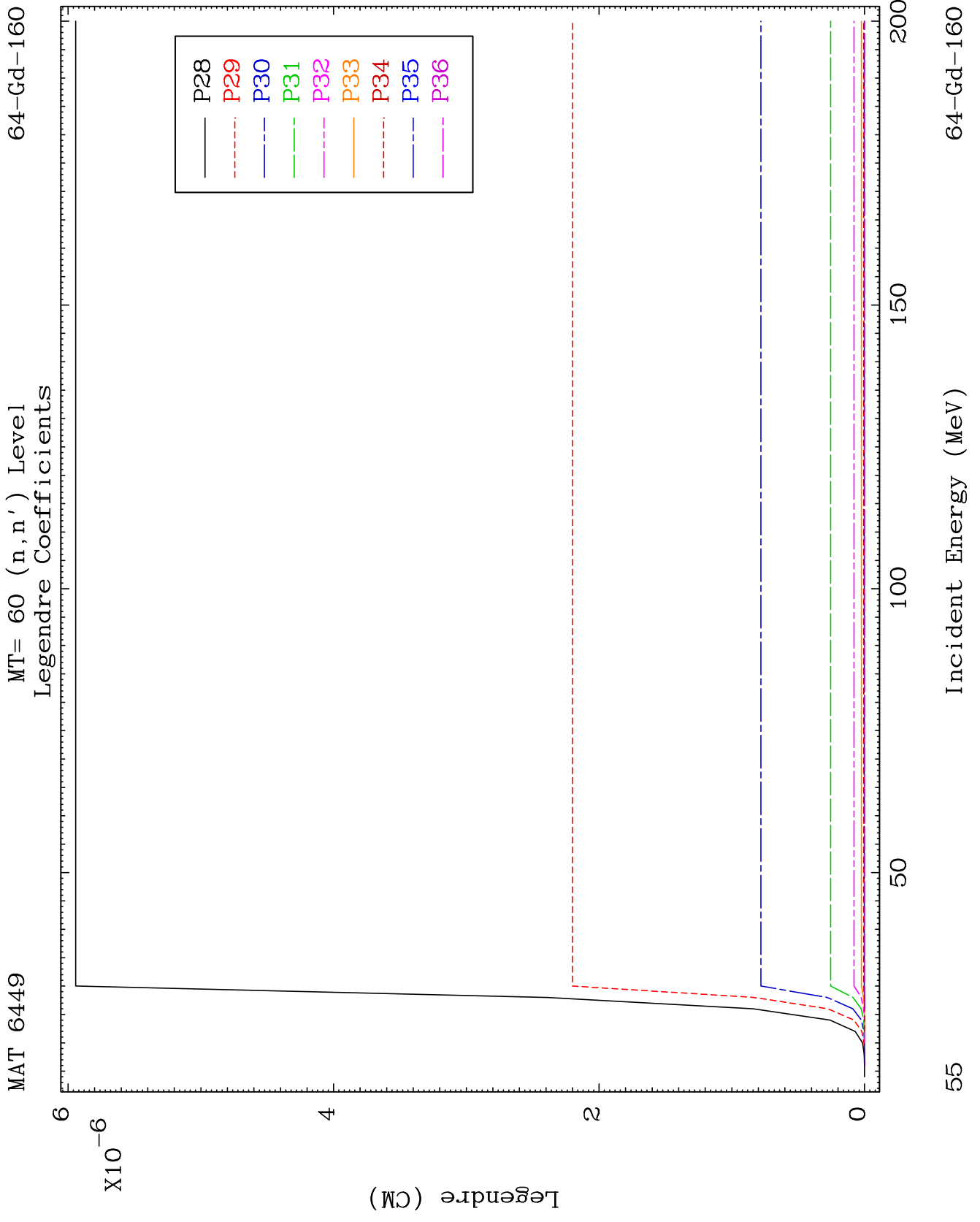
64-Gd-160



54

Incident Energy (MeV)

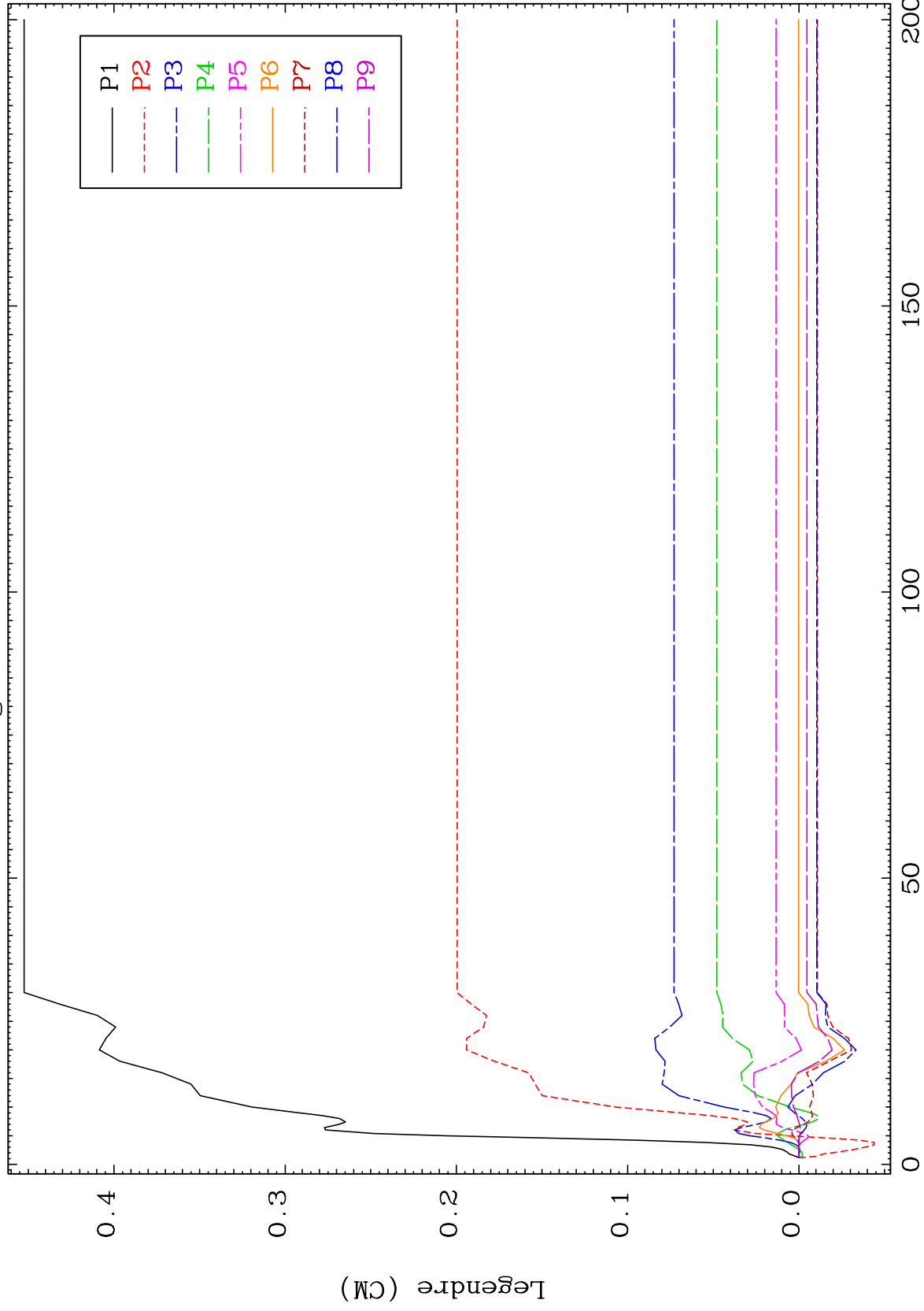
64-Gd-160



MAT 6449

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

64-Gd-160



56

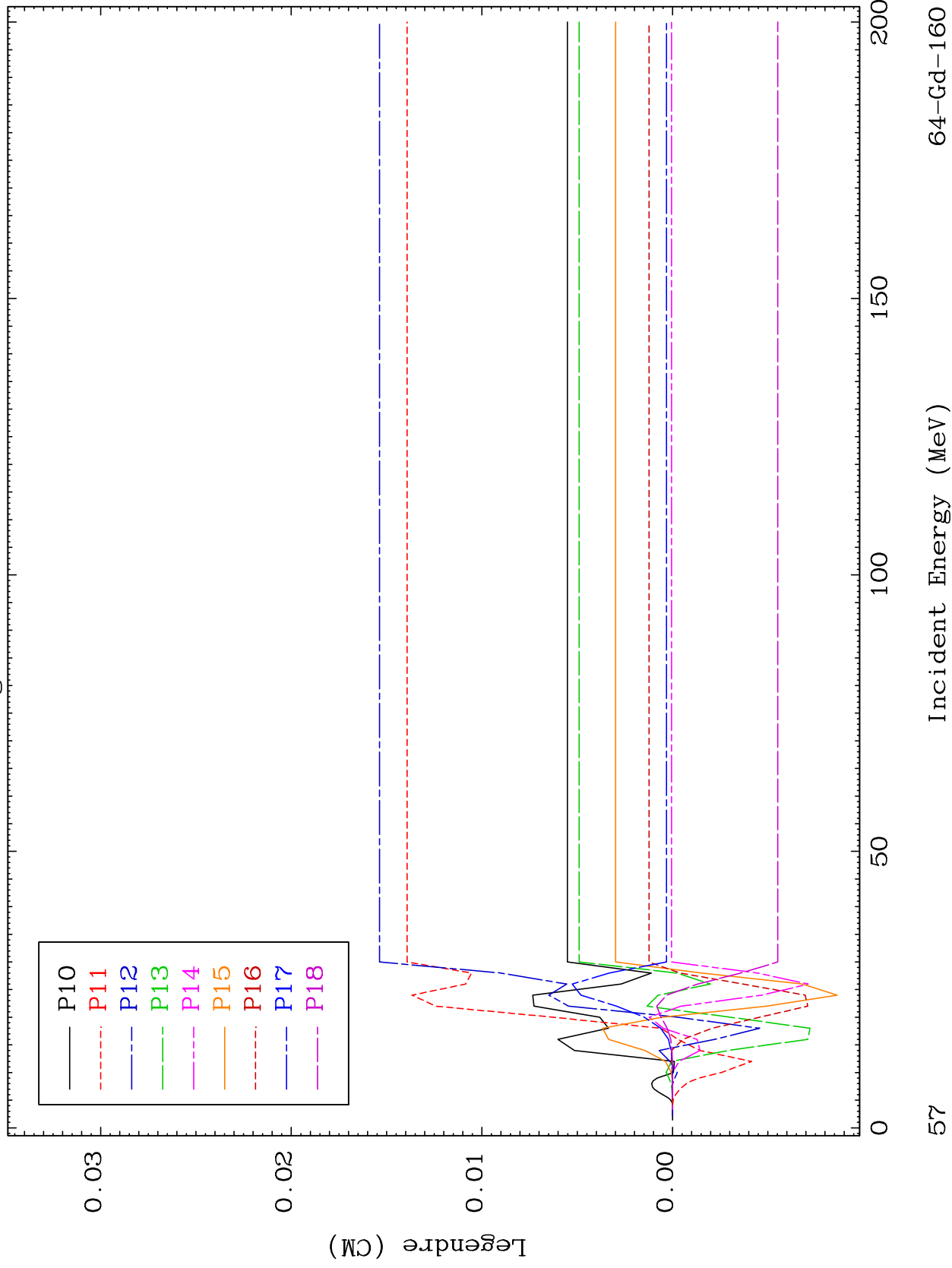
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



57

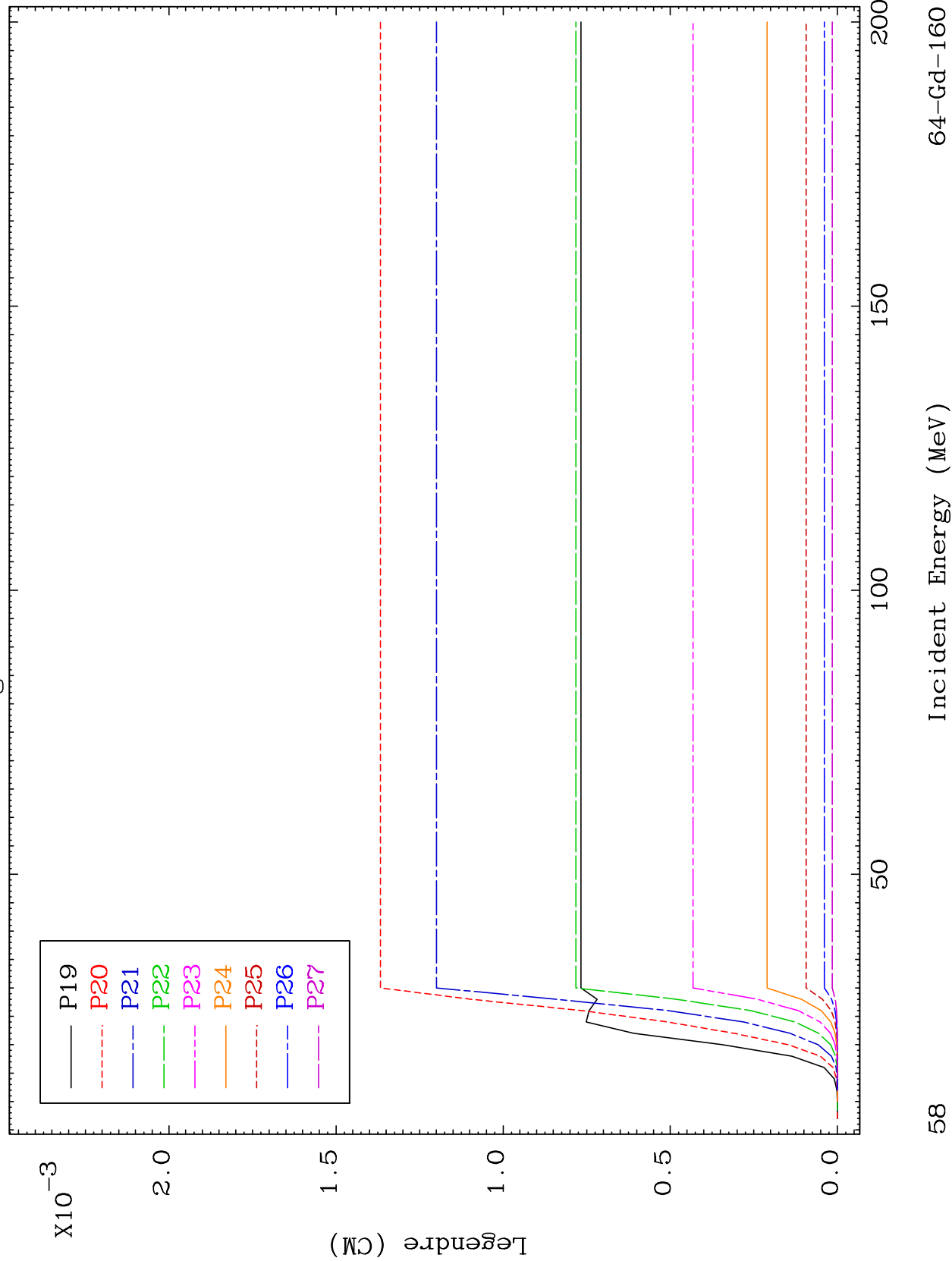
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



58

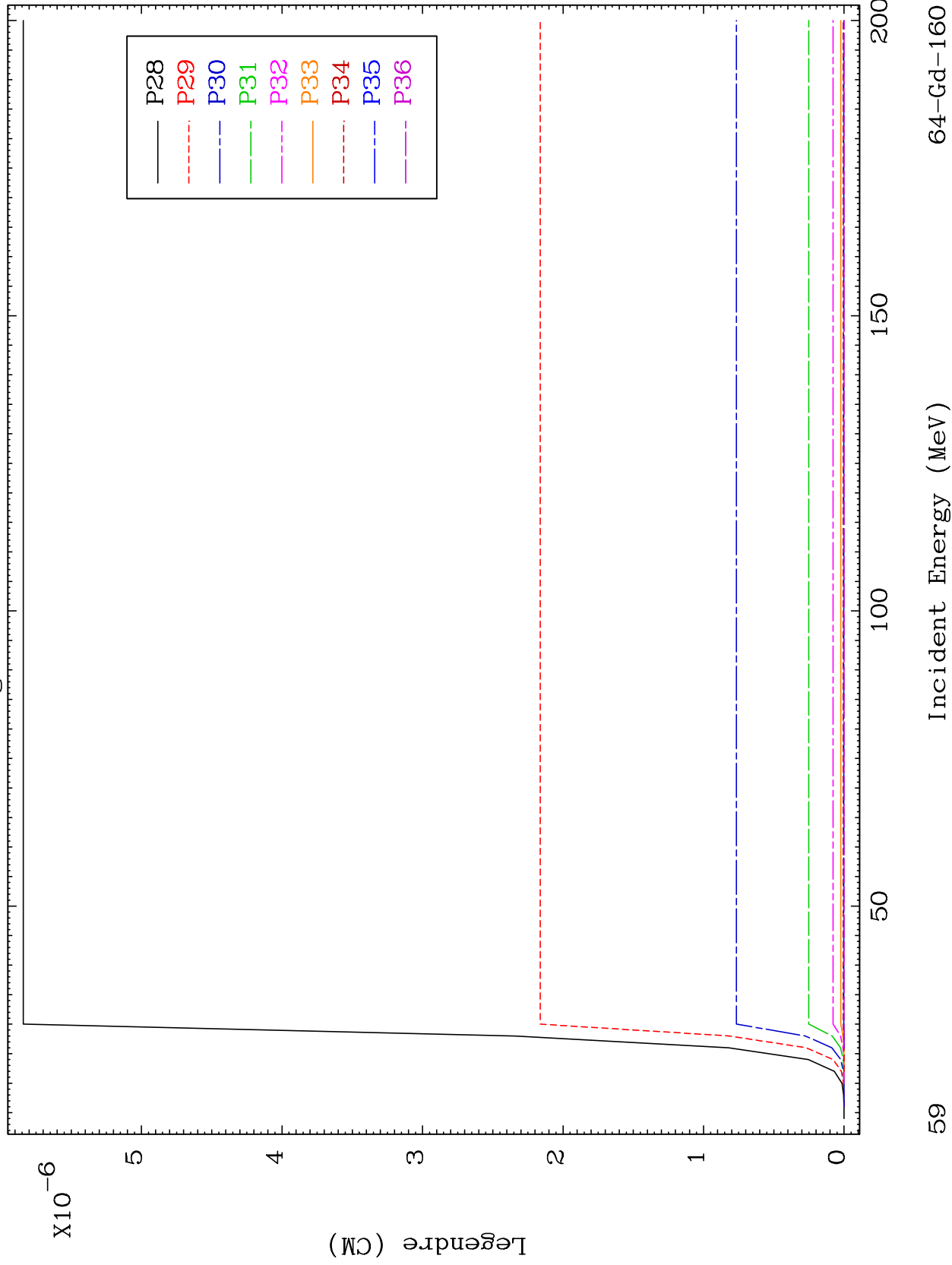
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



59

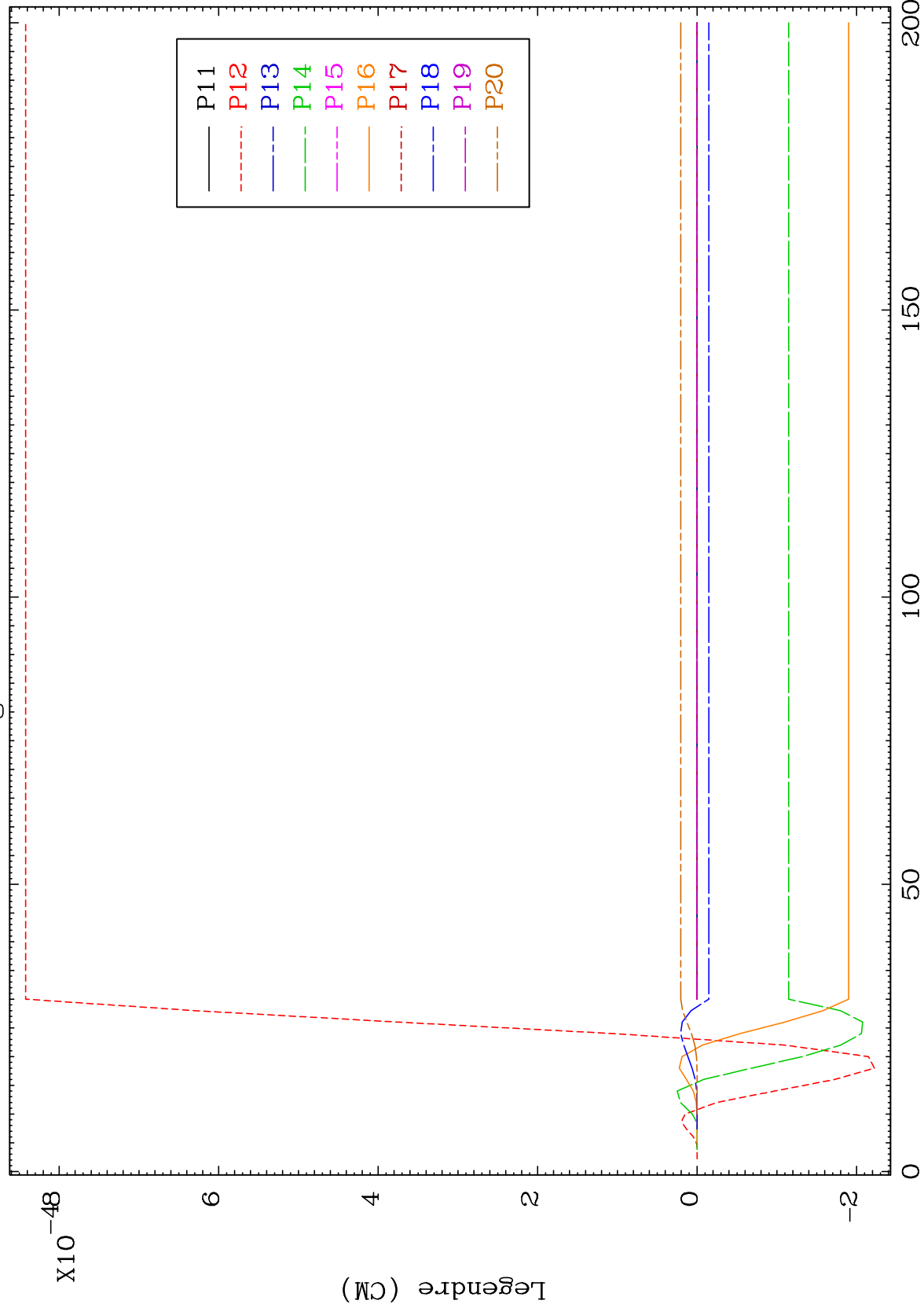
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

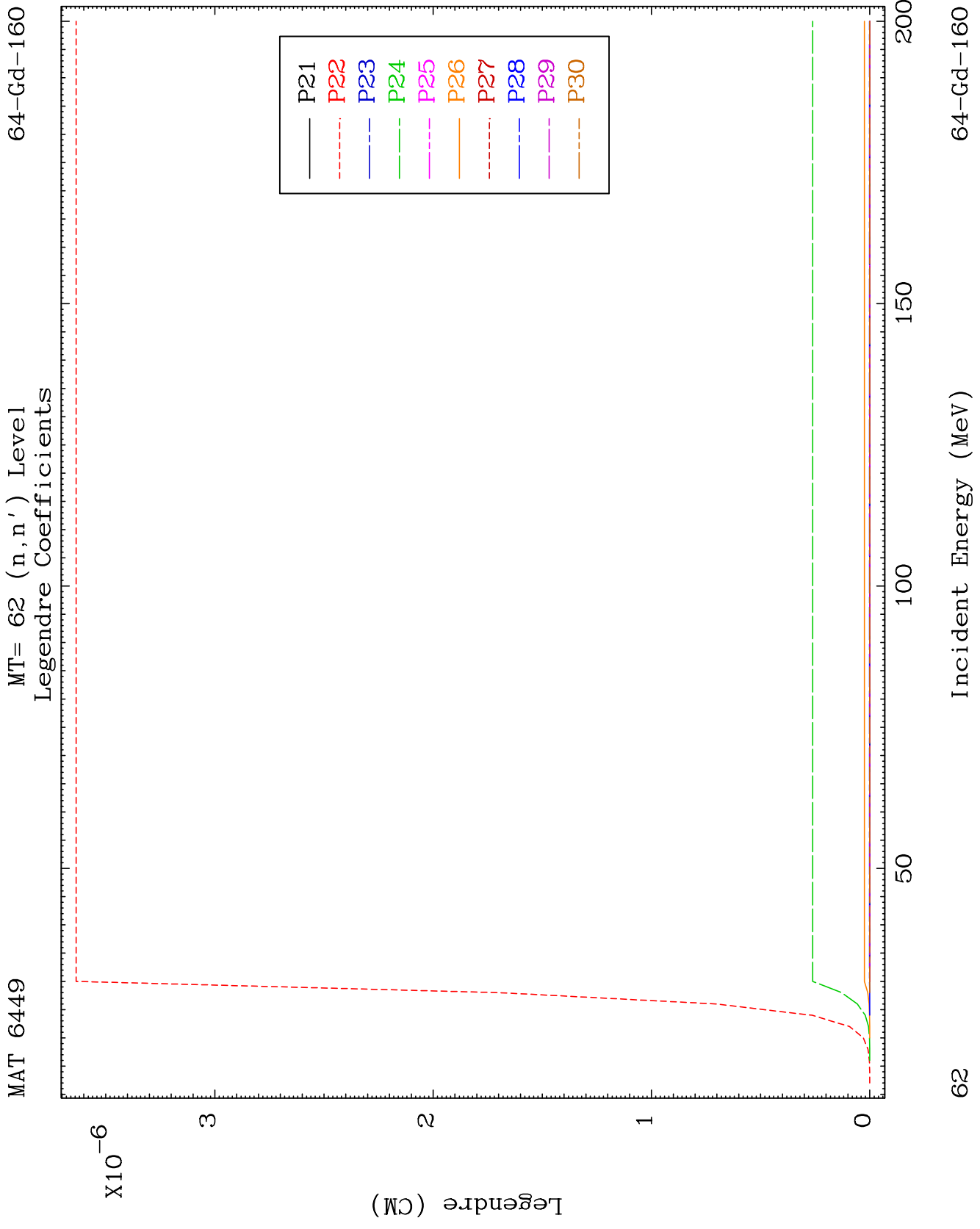
64-Gd-160



61

Incident Energy (MeV)

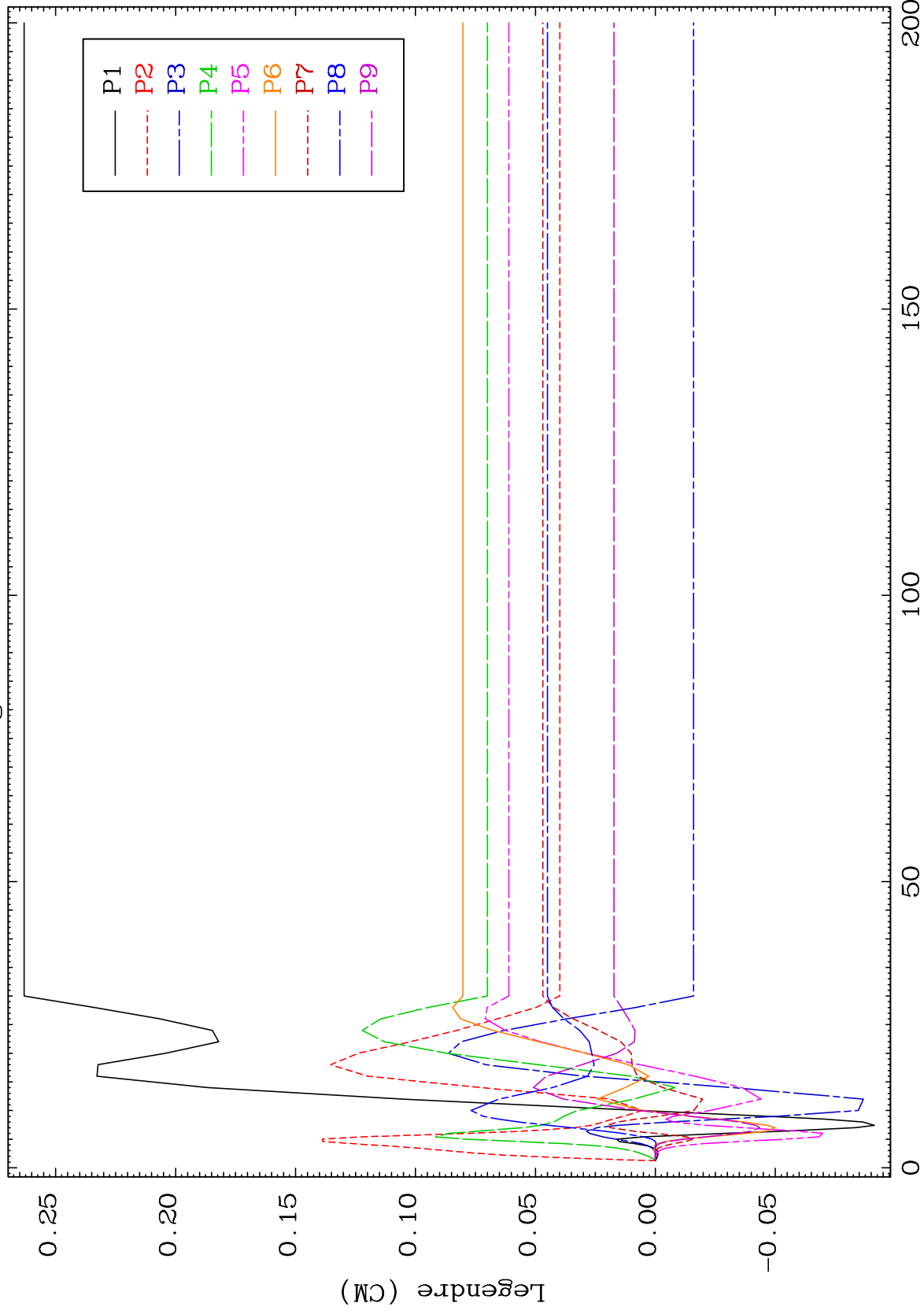
64-Gd-160



MAT 6449

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

64-Gd-160



63

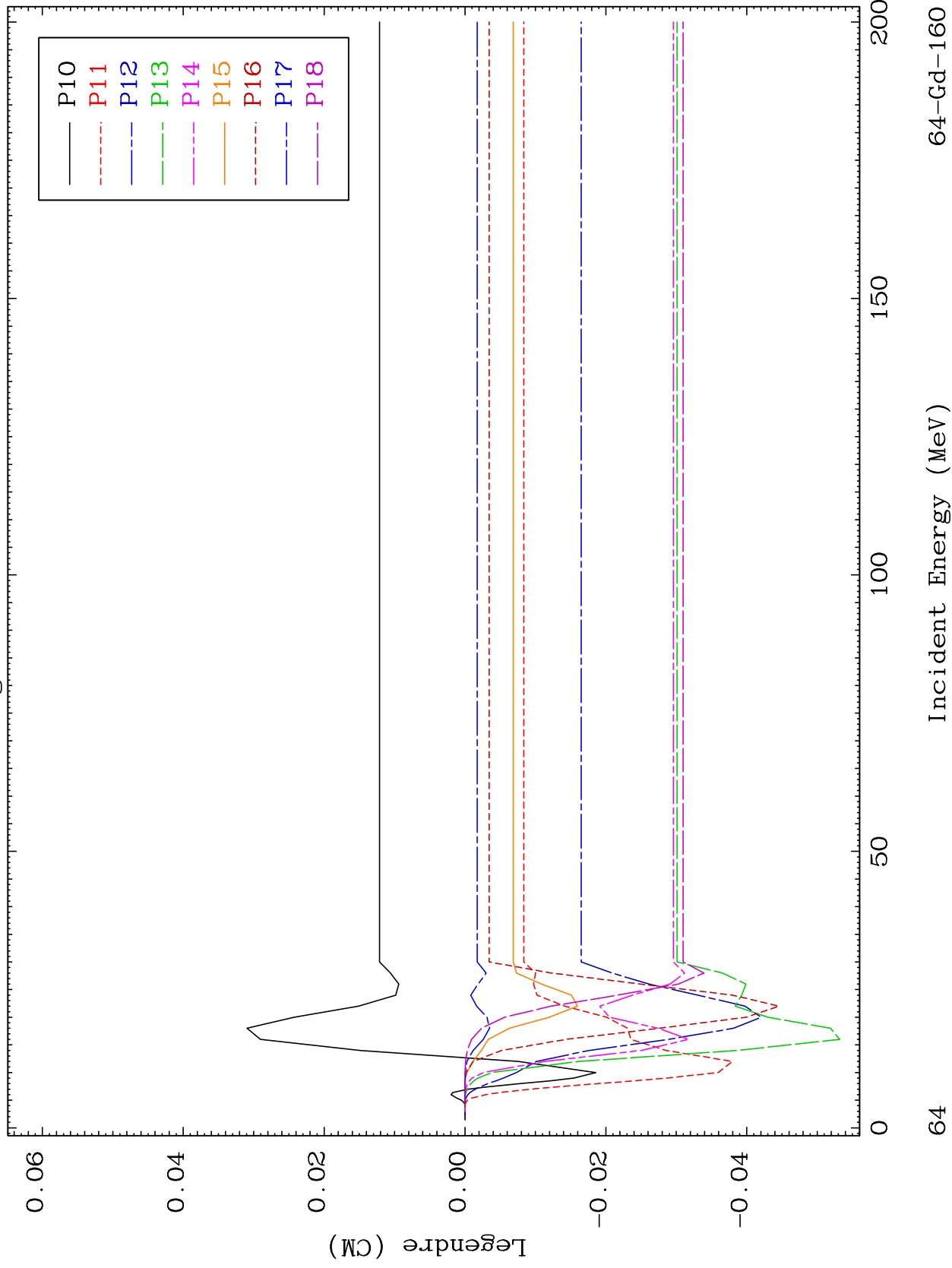
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



64-Gd-160

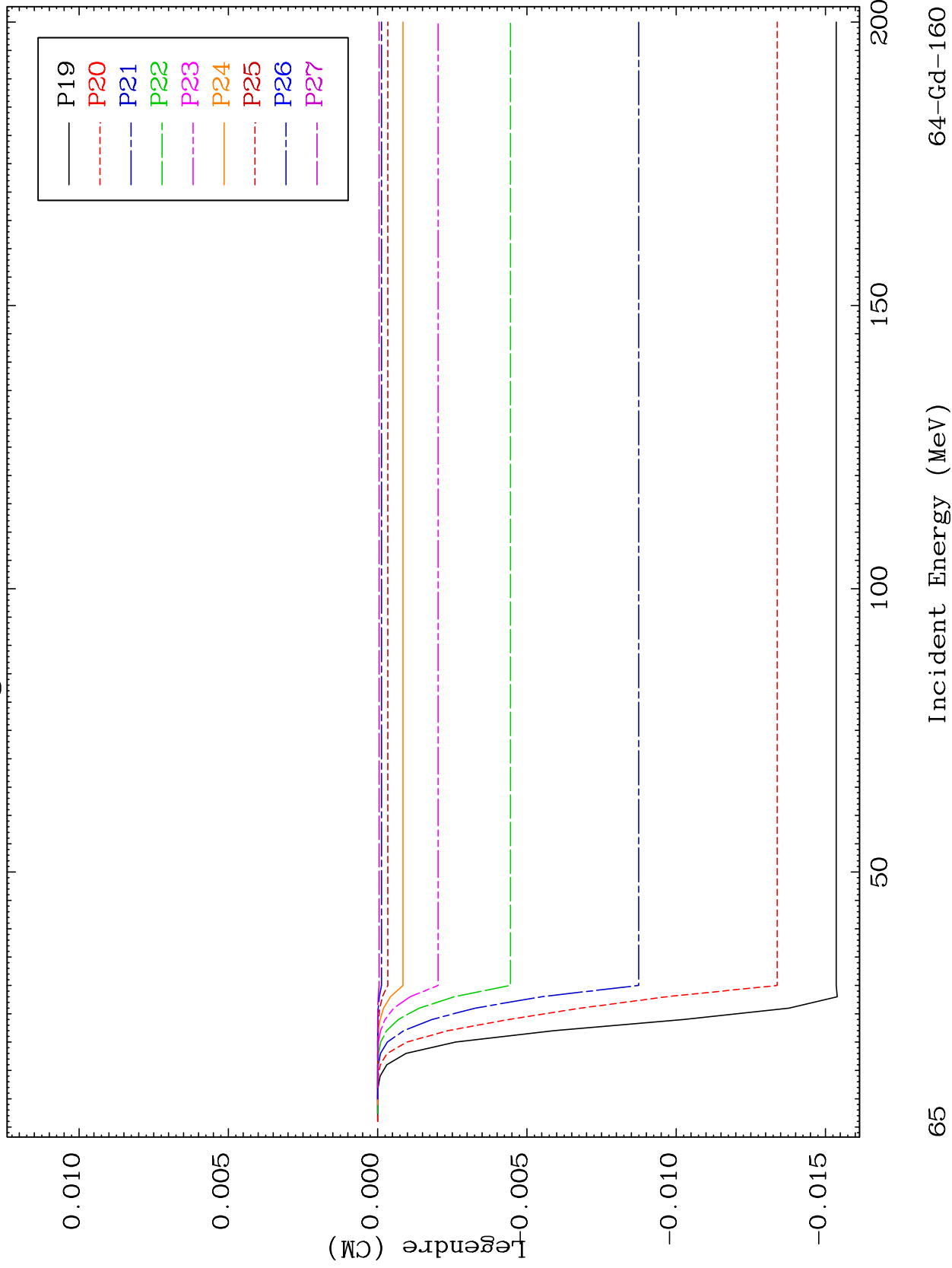
Incident Energy (MeV)

64

MAT 6449

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

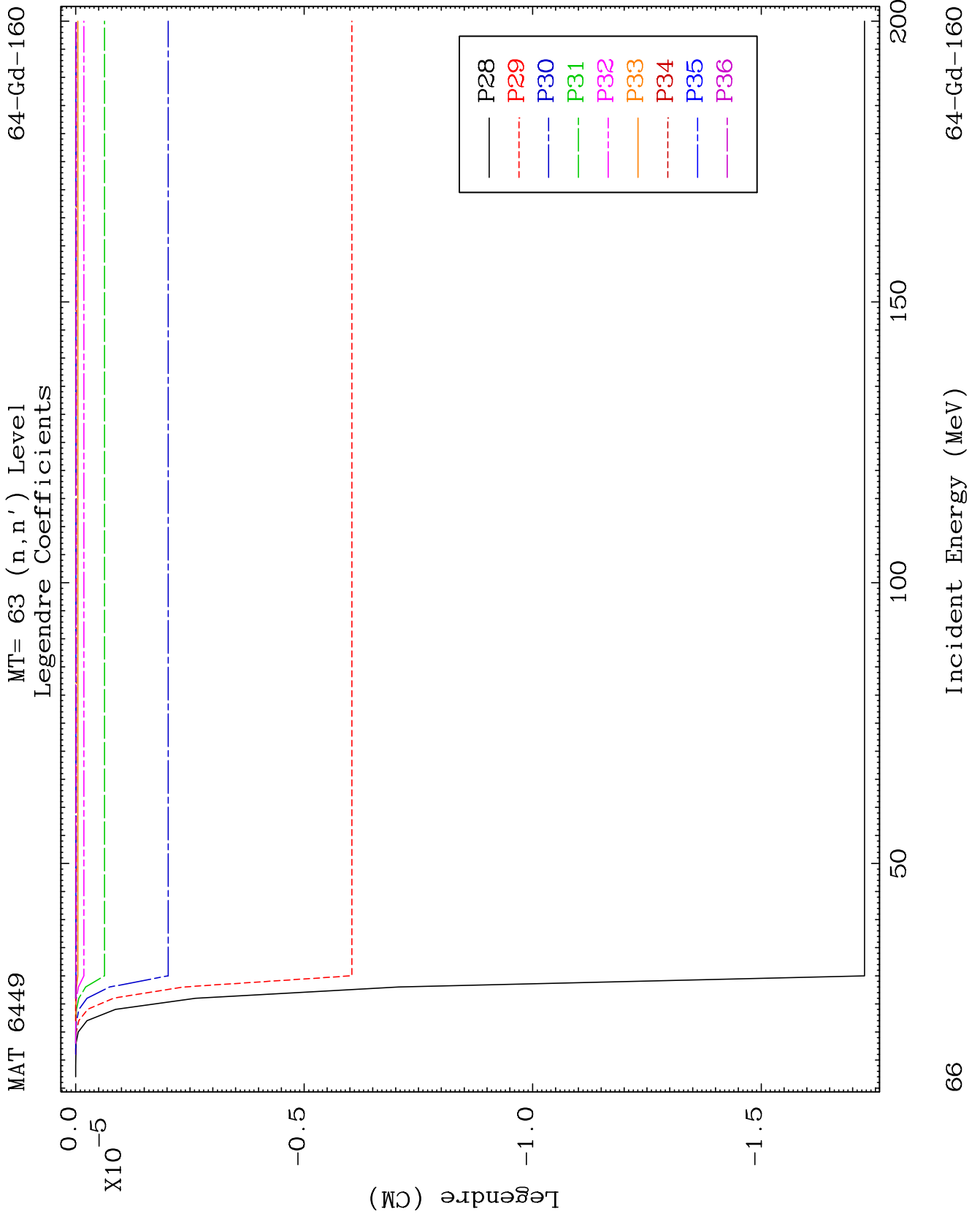
64-Gd-160



65

Incident Energy (MeV)

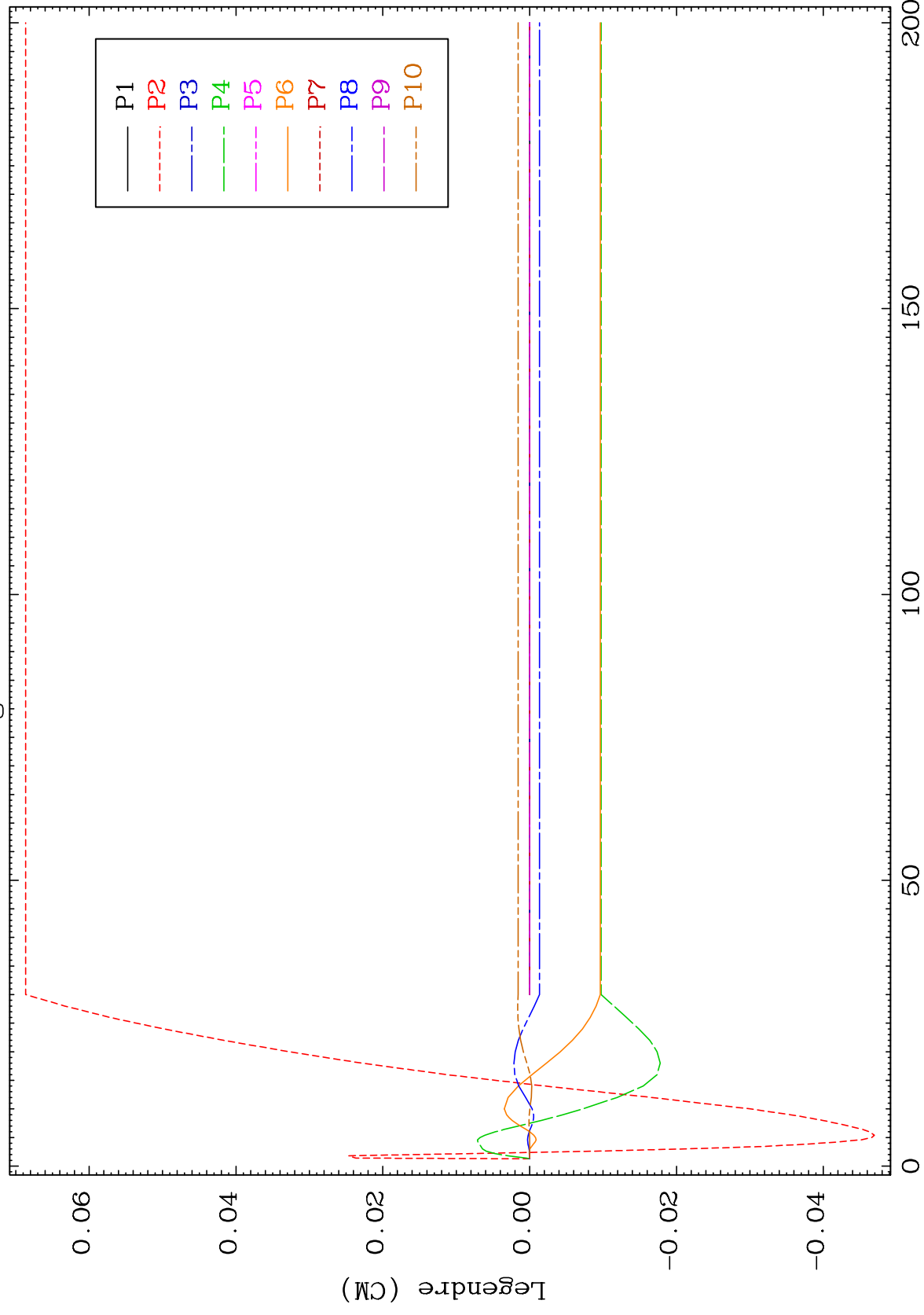
64-Gd-160



MAT 6449

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

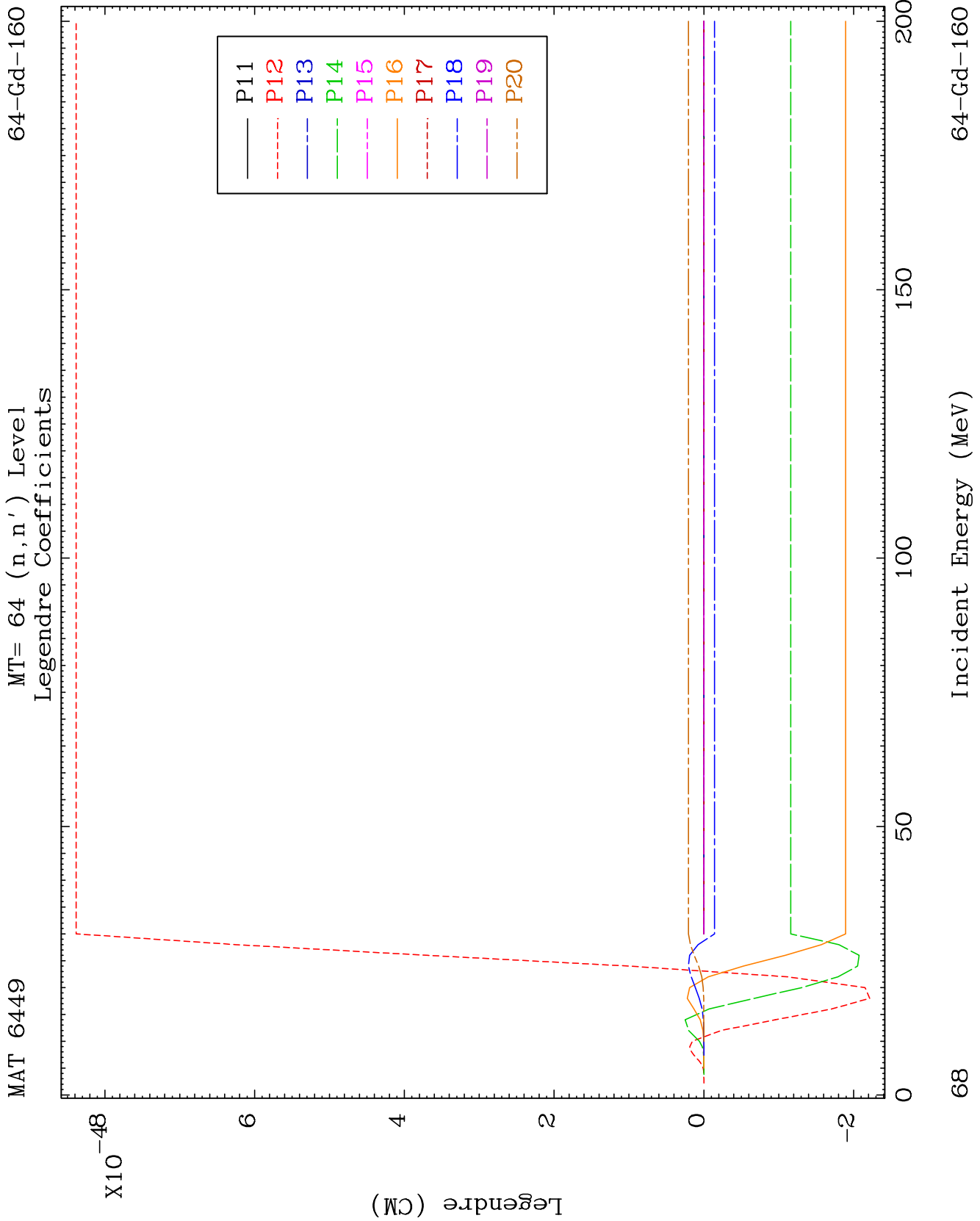
64-Gd-160



67

Incident Energy (MeV)

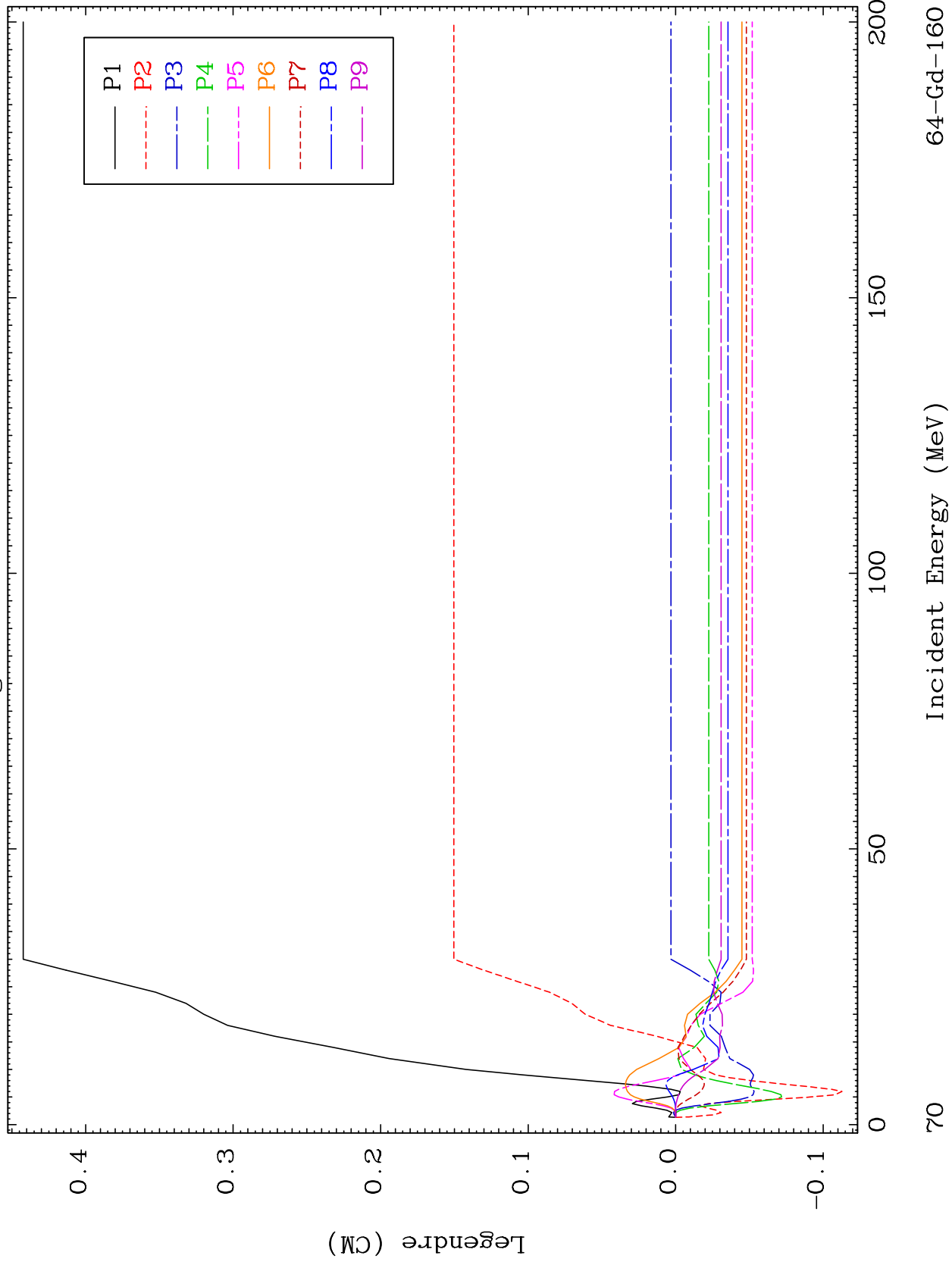
64-Gd-160



MAT 6449

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

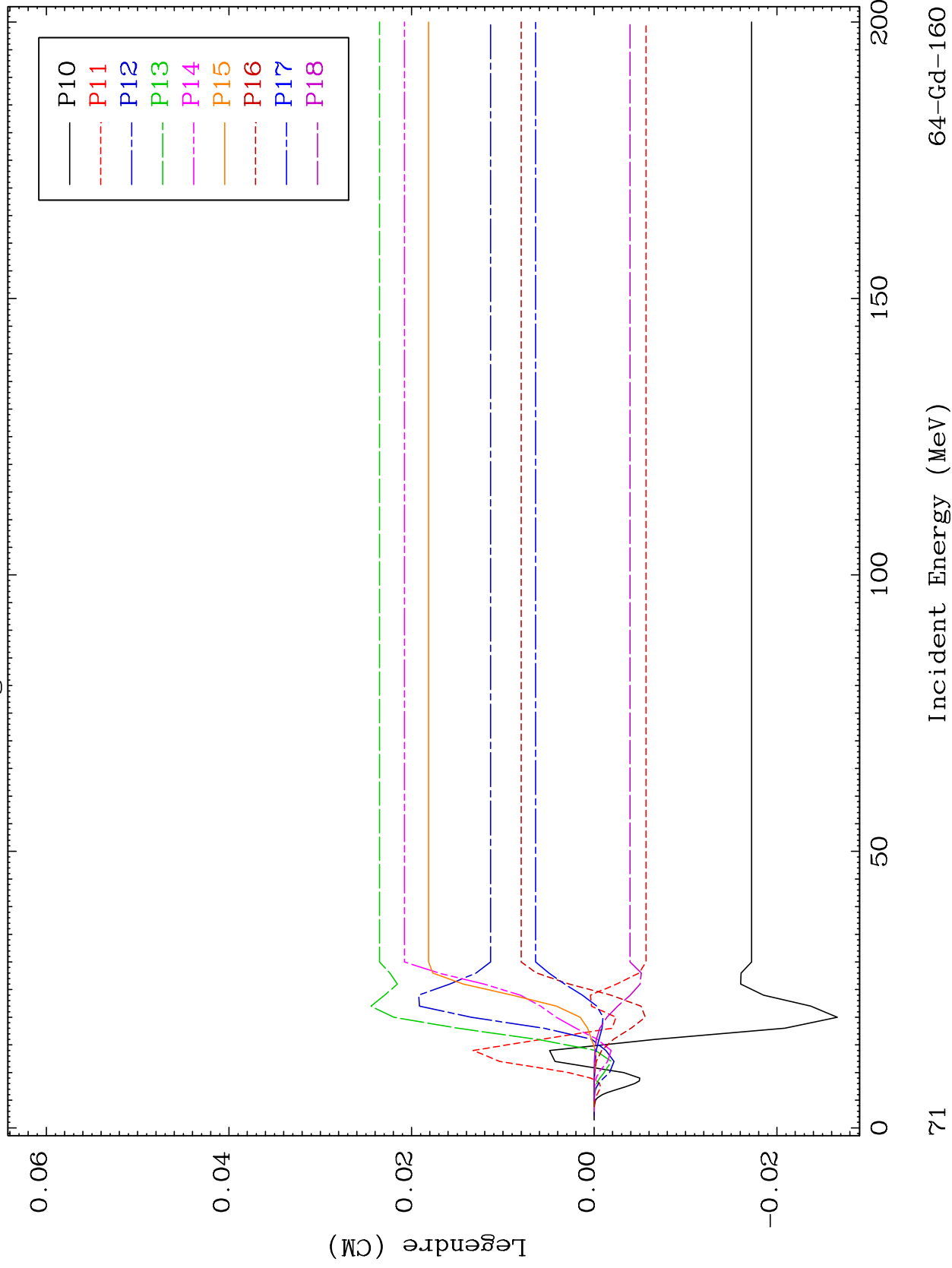
64-Gd-160



MAT 6449

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

64-Gd-160



71

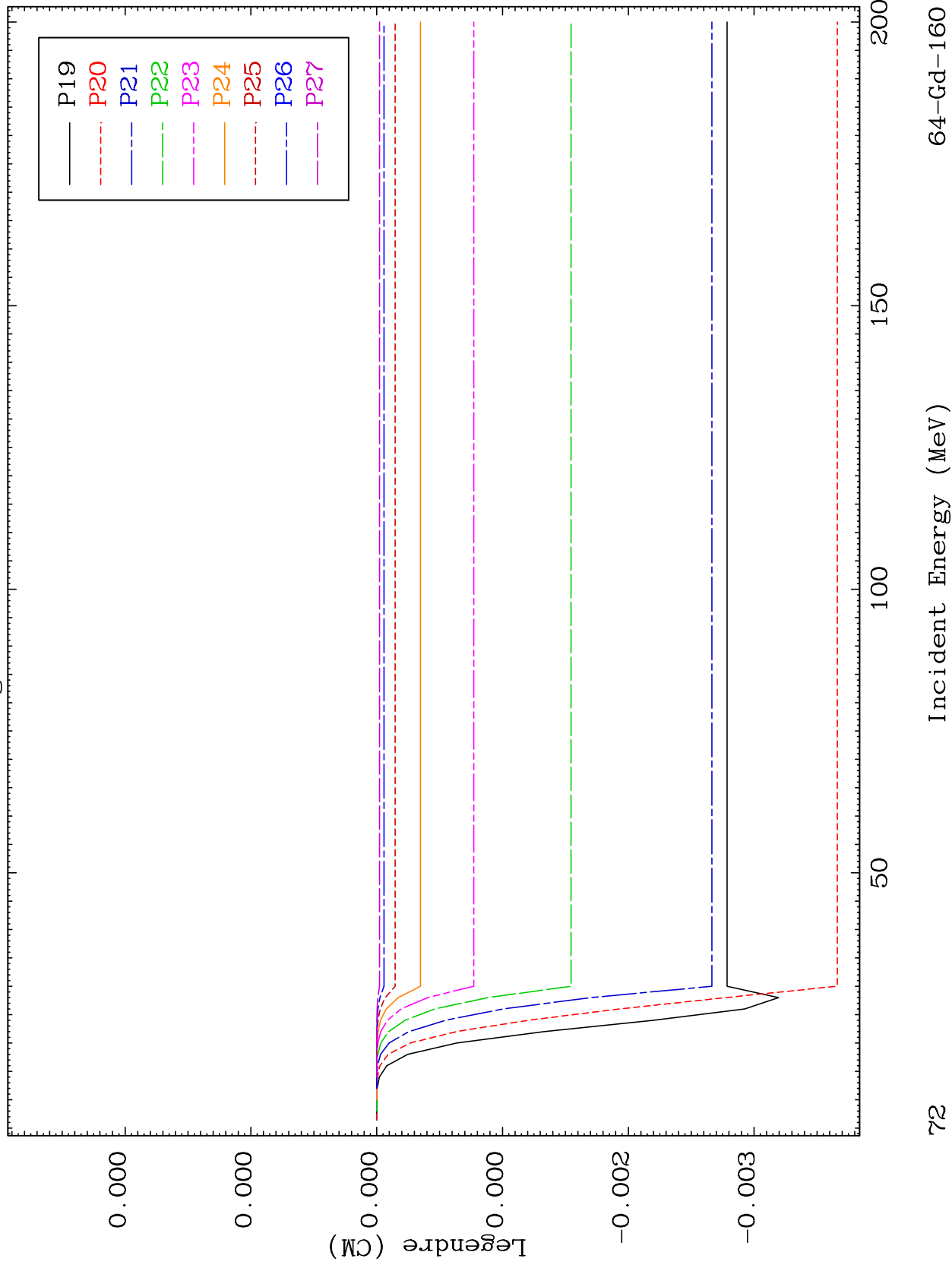
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

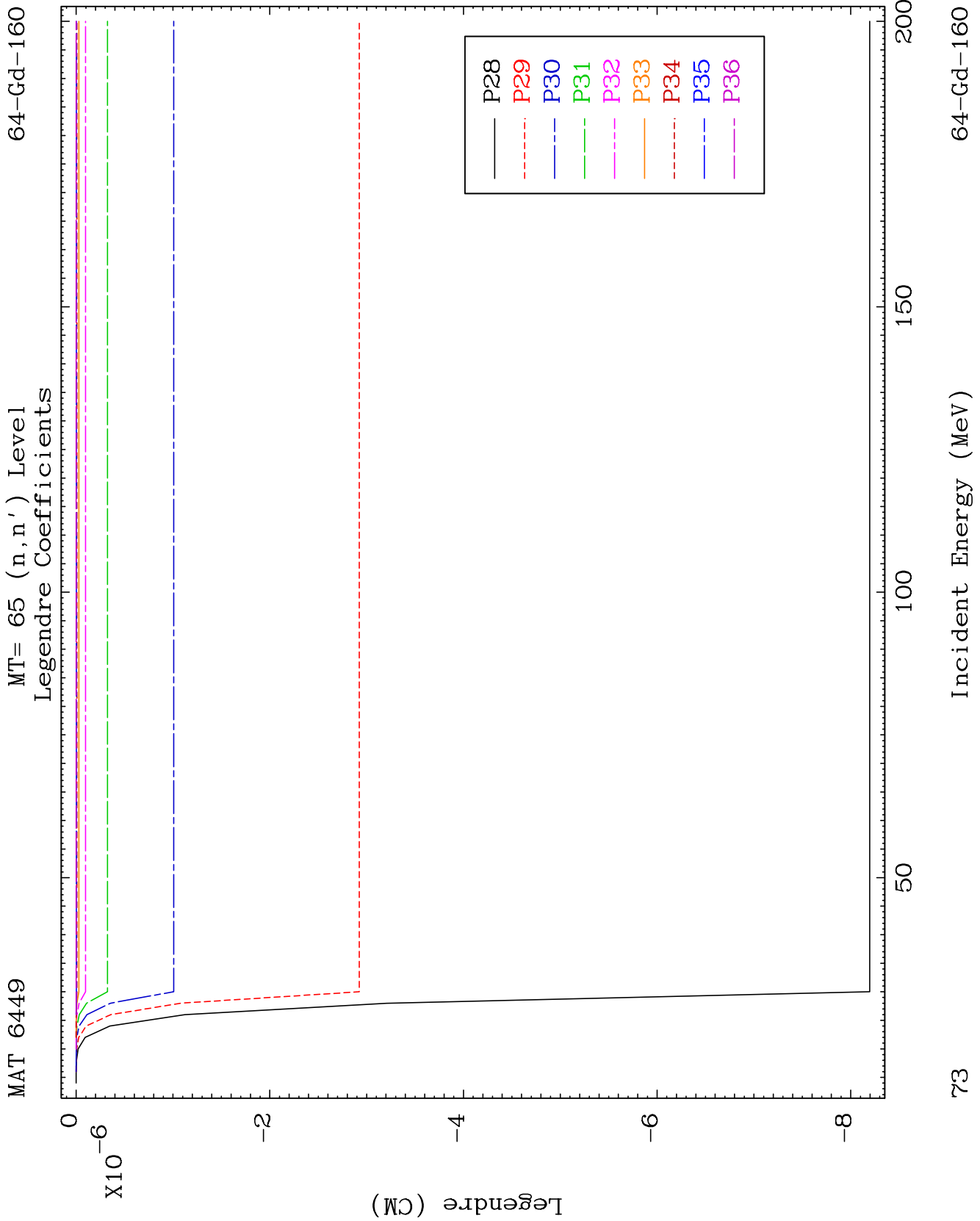
64-Gd-160



72

Incident Energy (MeV)

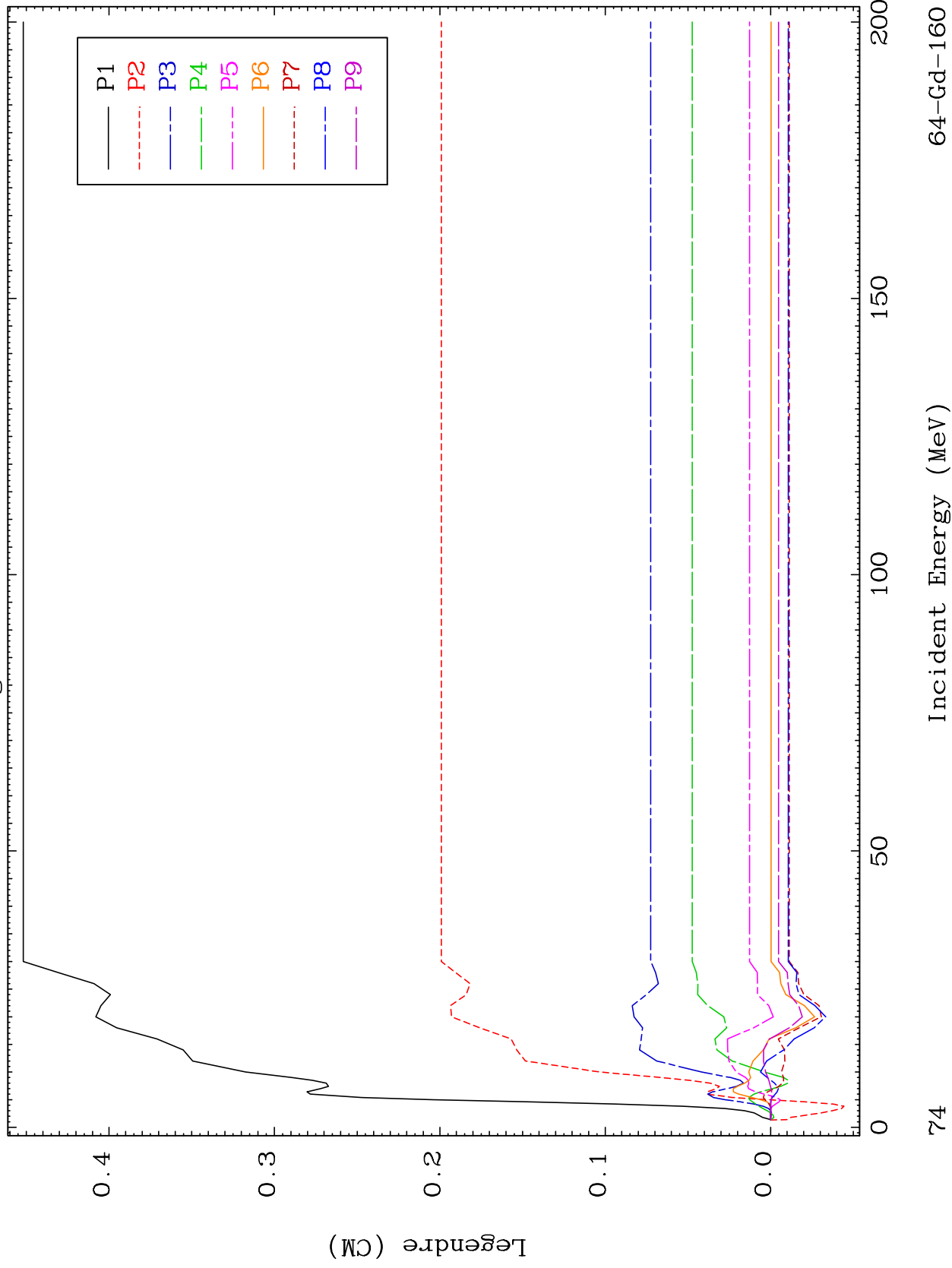
64-Gd-160



MAT 6449

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

64-Gd-160



74

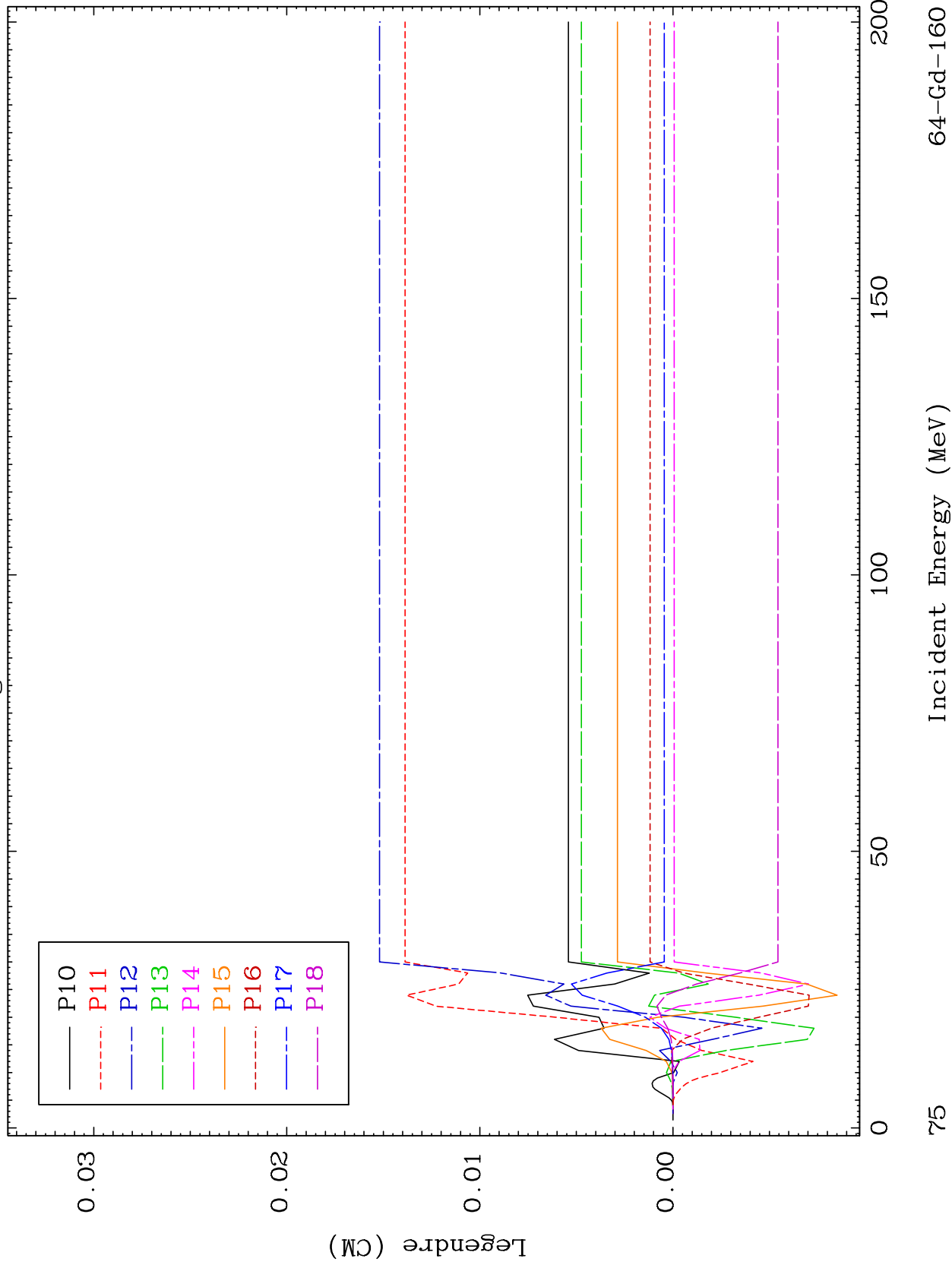
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

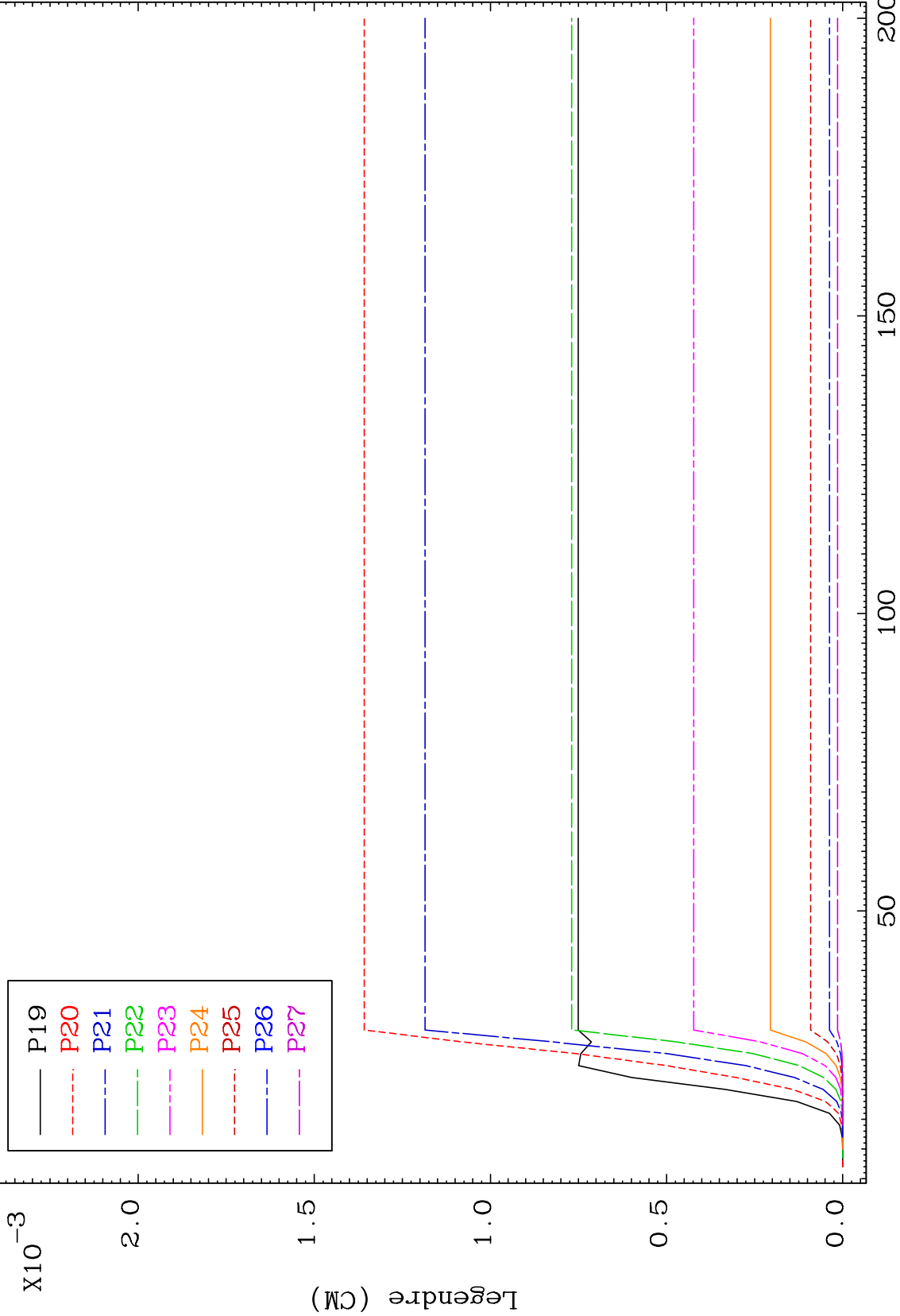
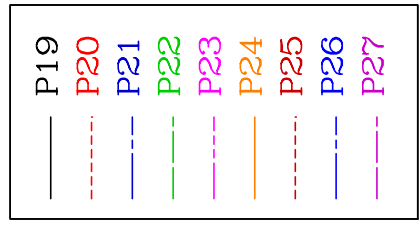
64-Gd-160



MAT 6449

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

64-Gd-160



76

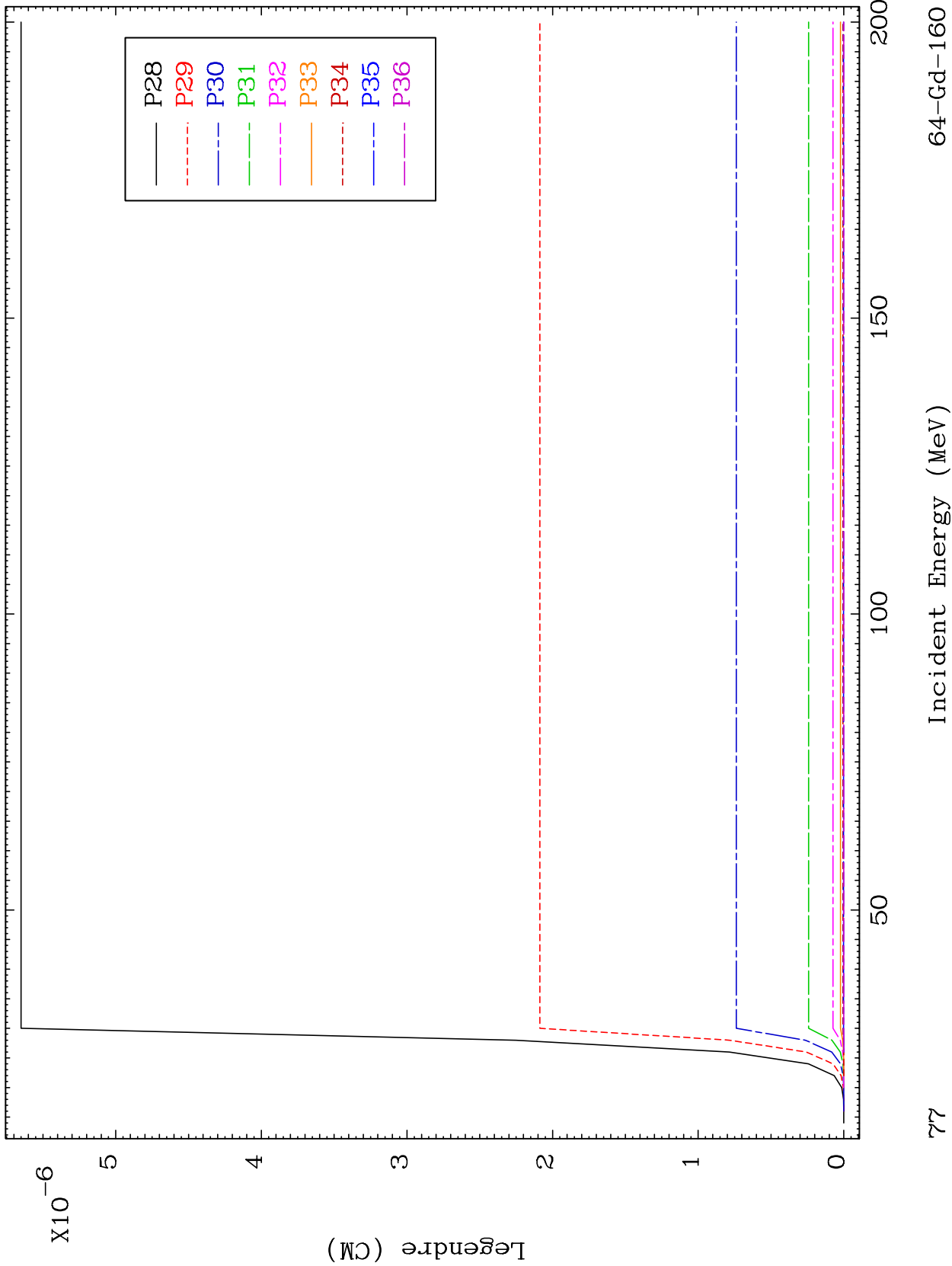
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160

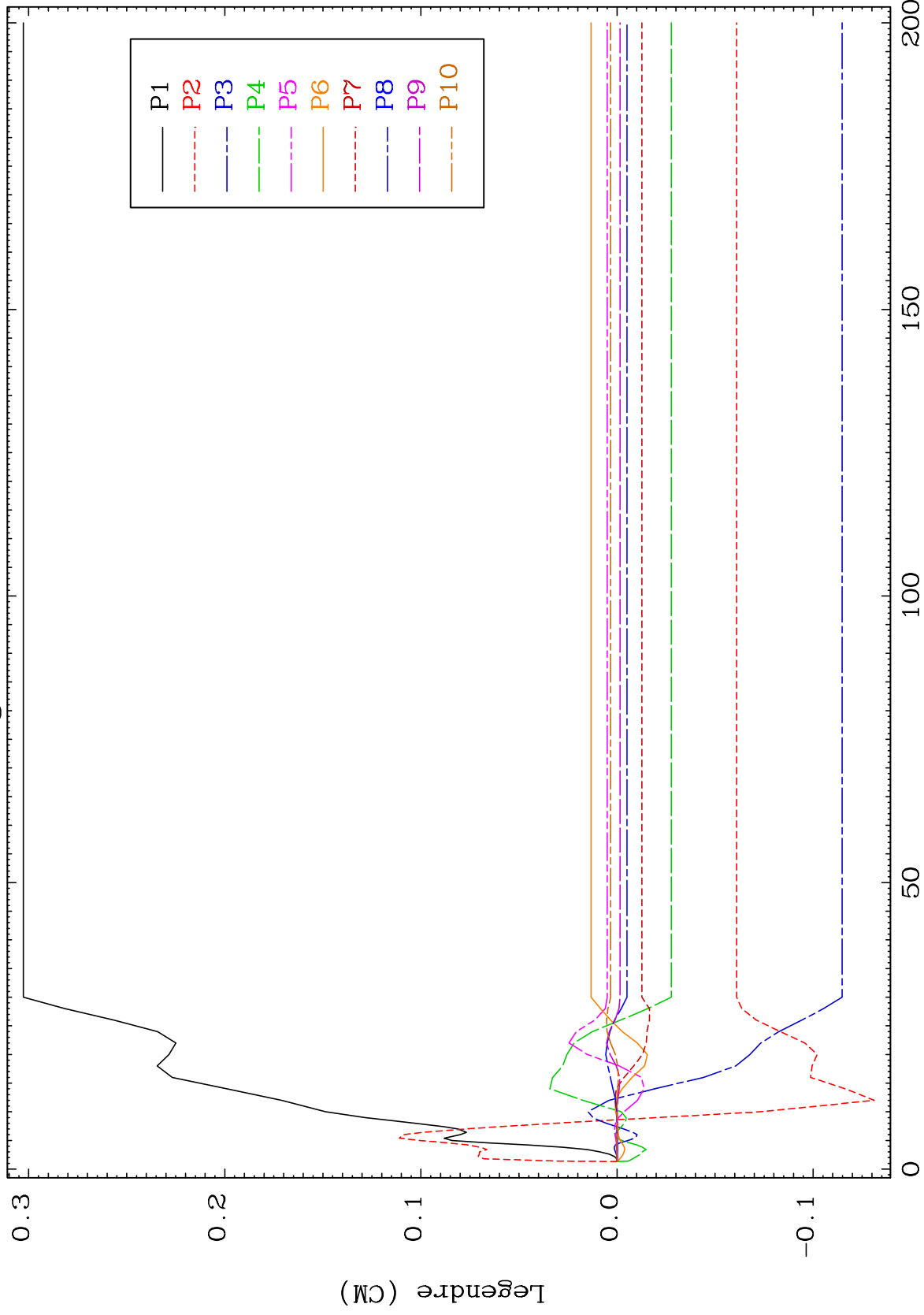


77

MAT 6449

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

64-Gd-160



78

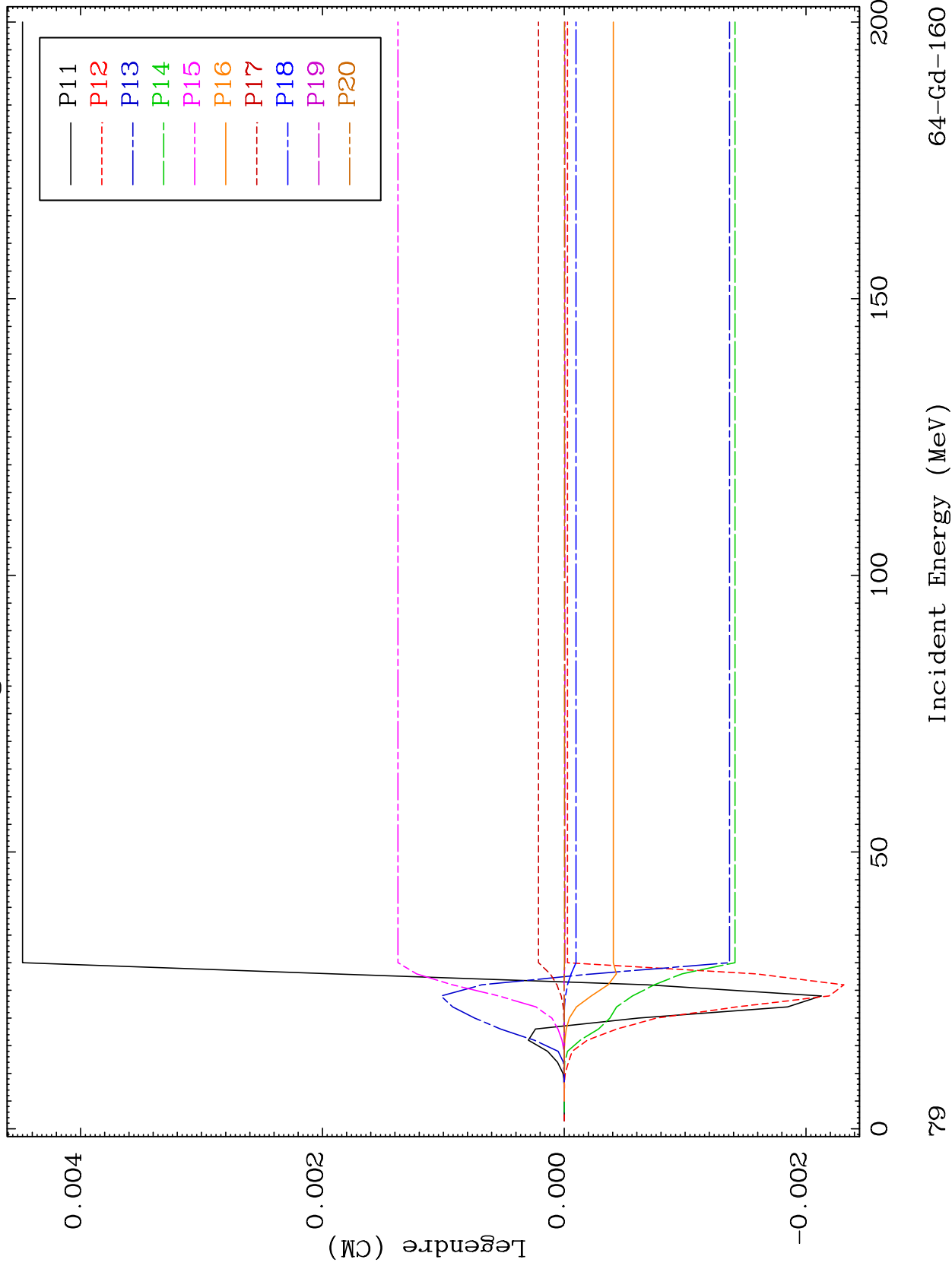
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



79

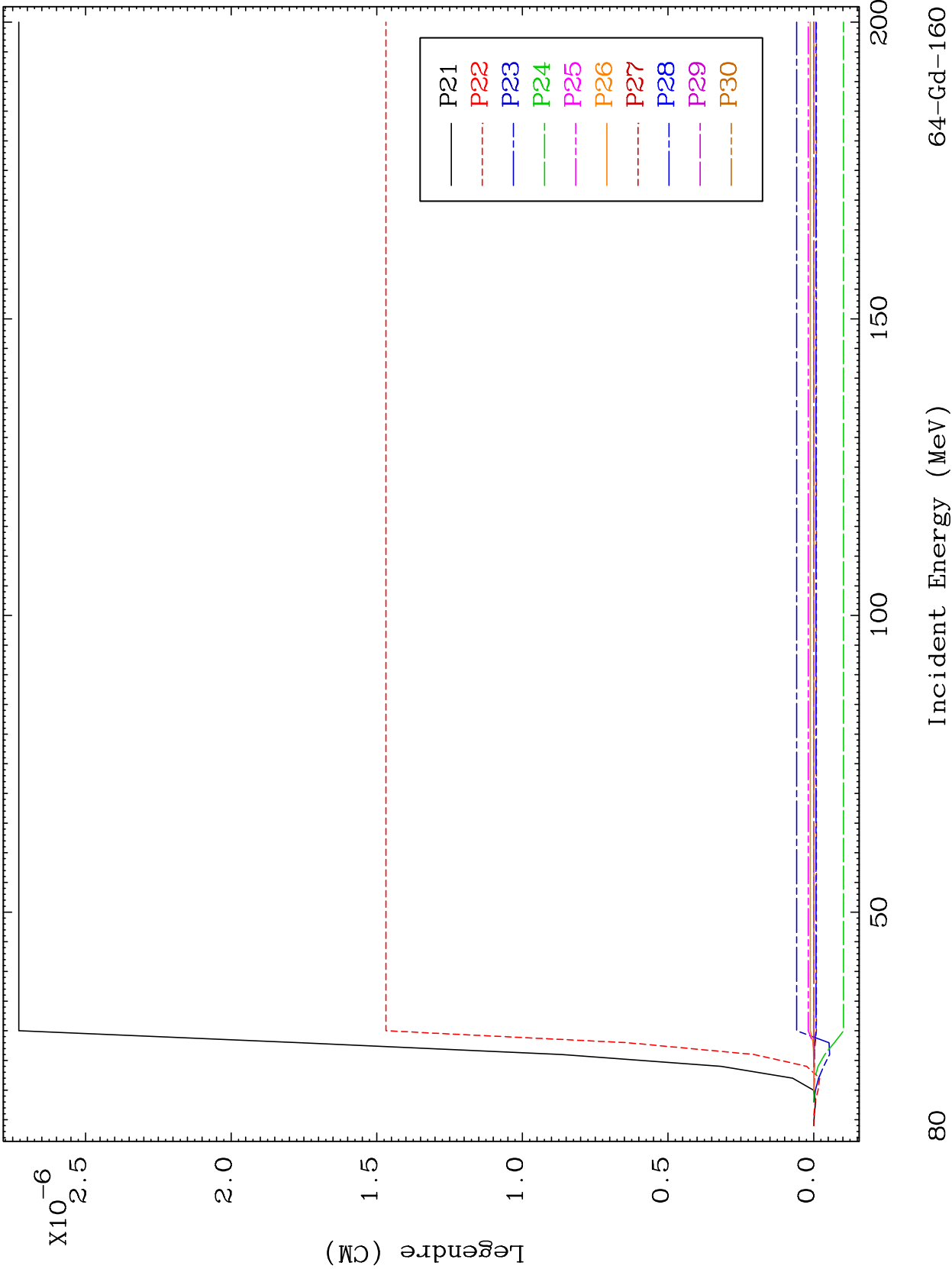
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

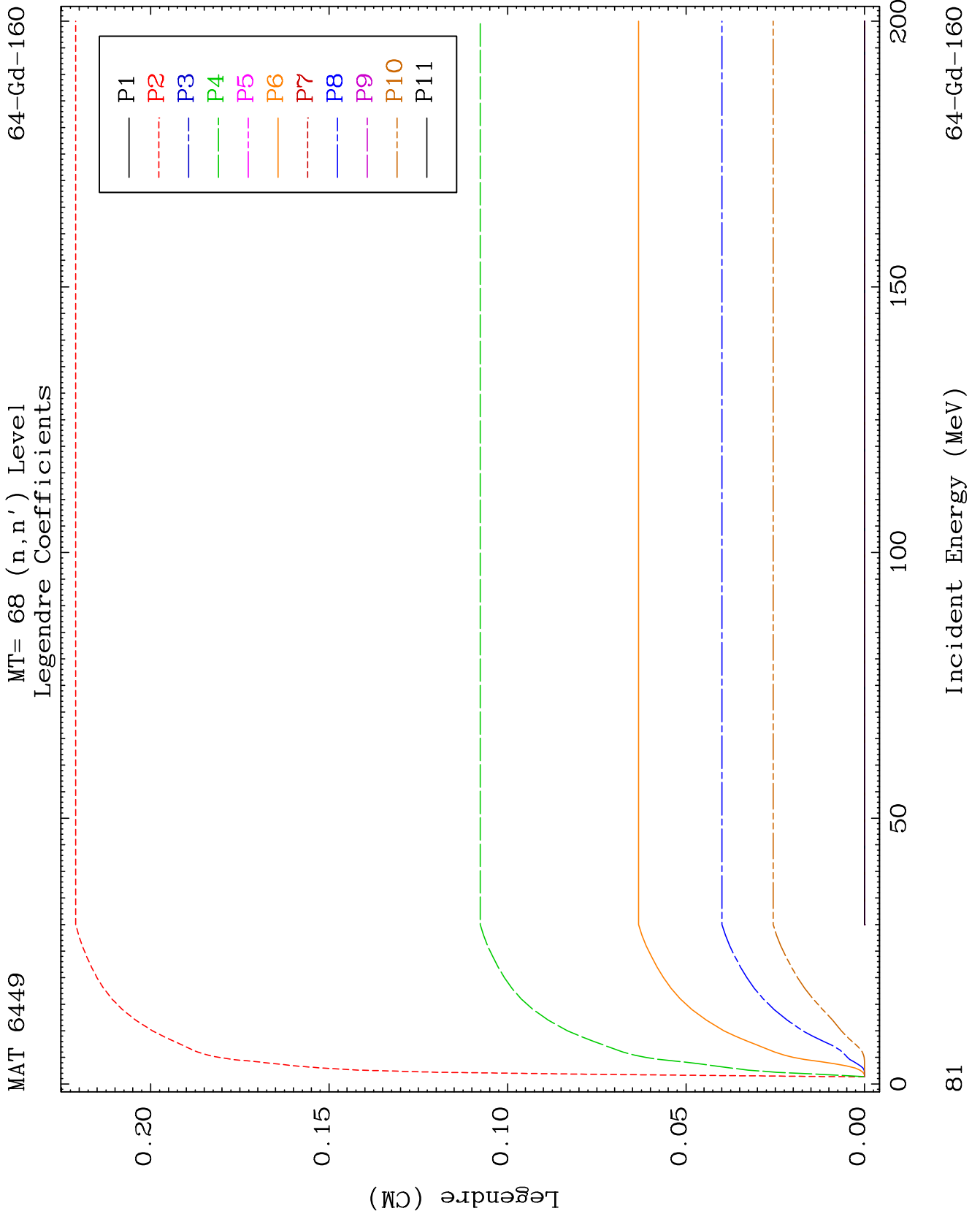
64-Gd-160



80

Incident Energy (MeV)

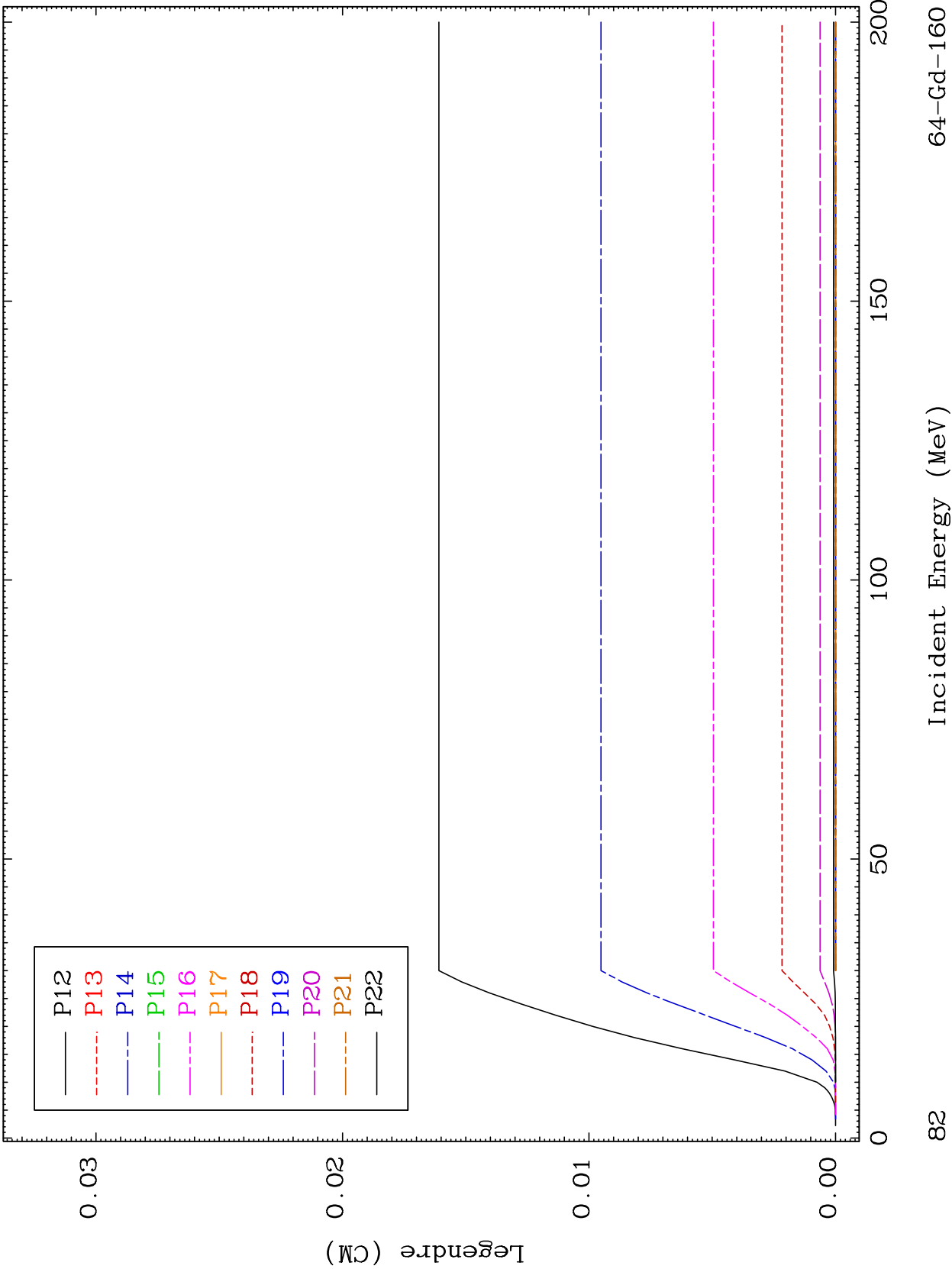
64-Gd-160



MAT 6449

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

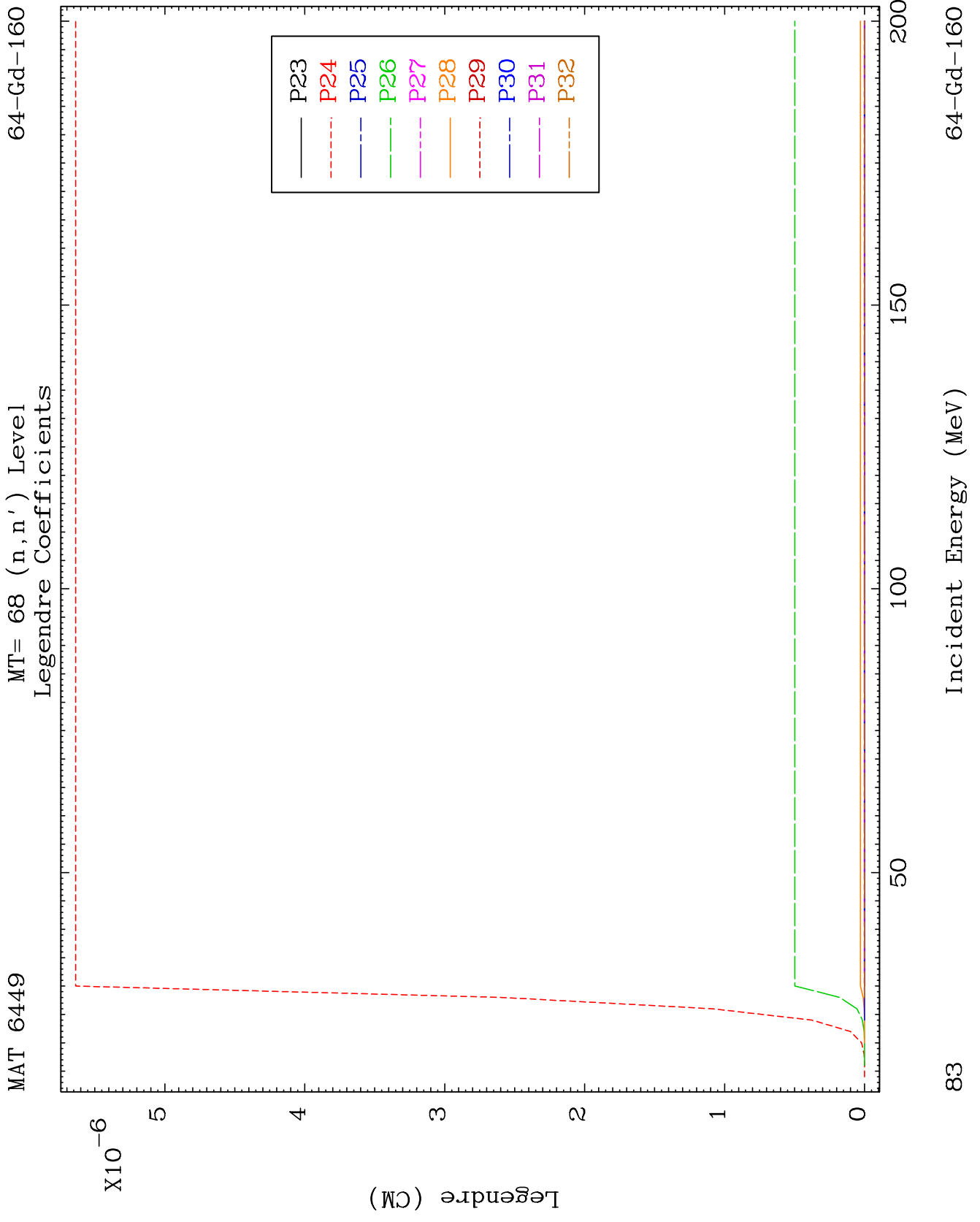
64-Gd-160



64-Gd-160

Incident Energy (MeV)

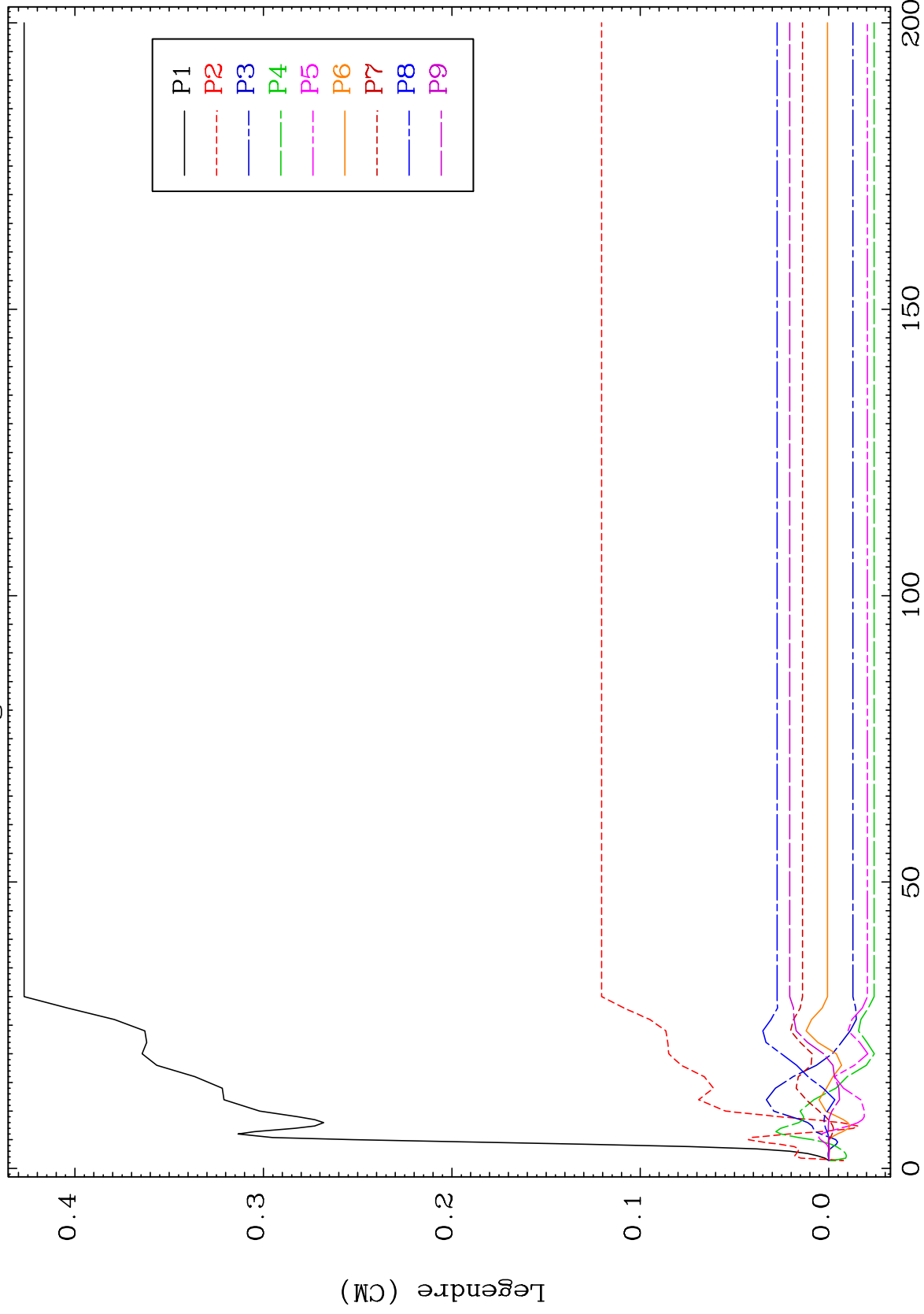
82



MAT 6449

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

64-Gd-160



84

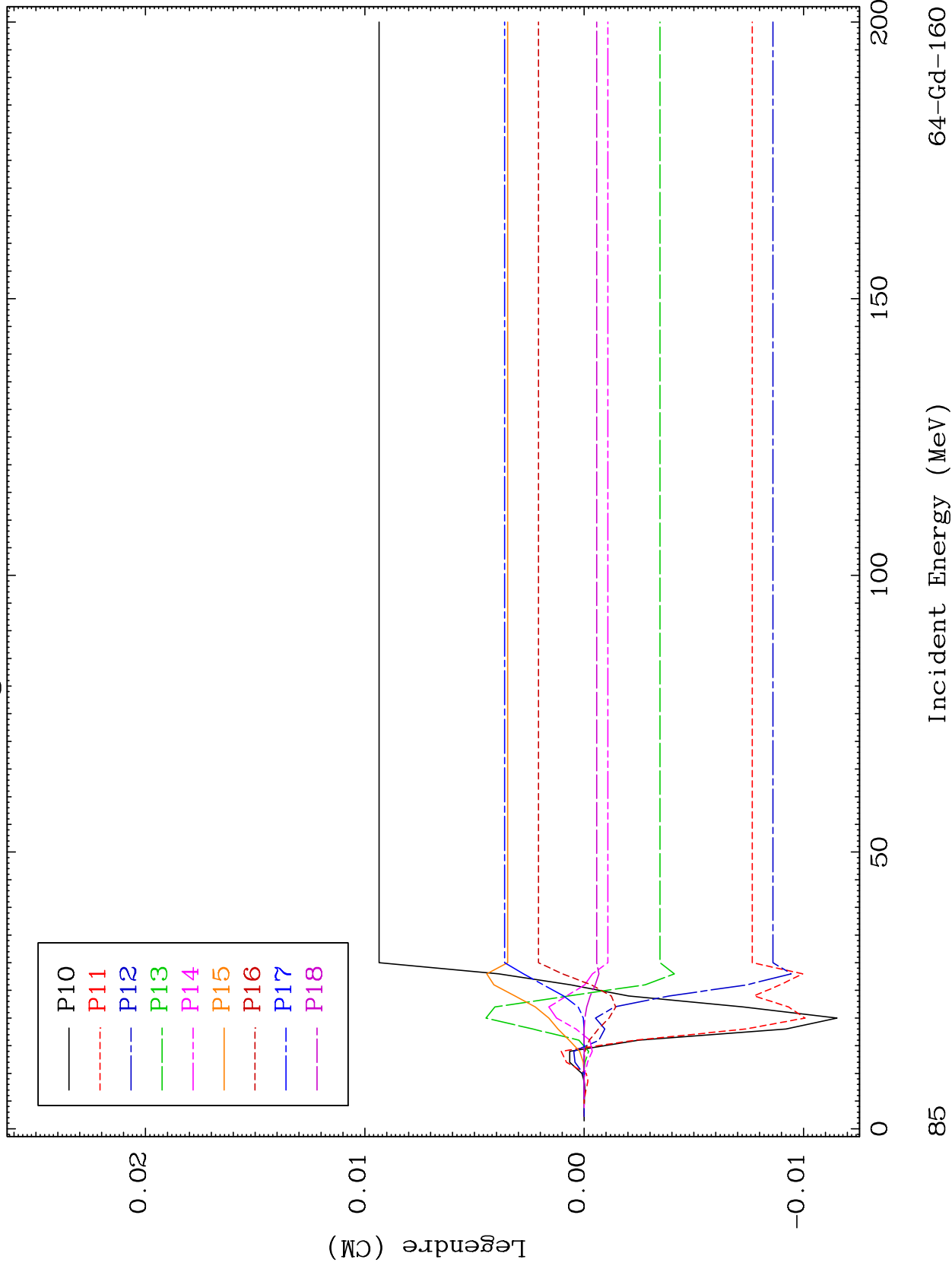
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



85

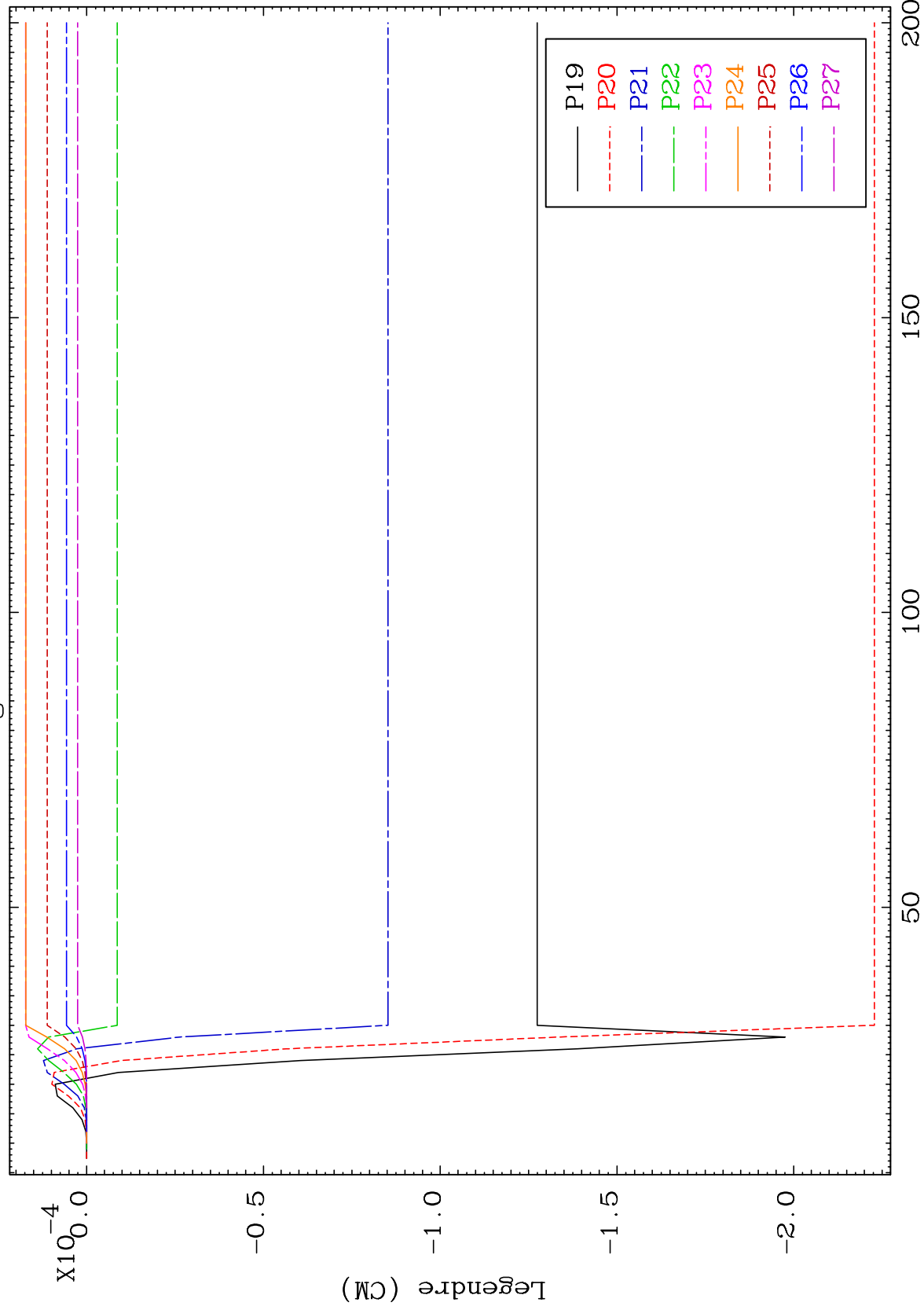
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

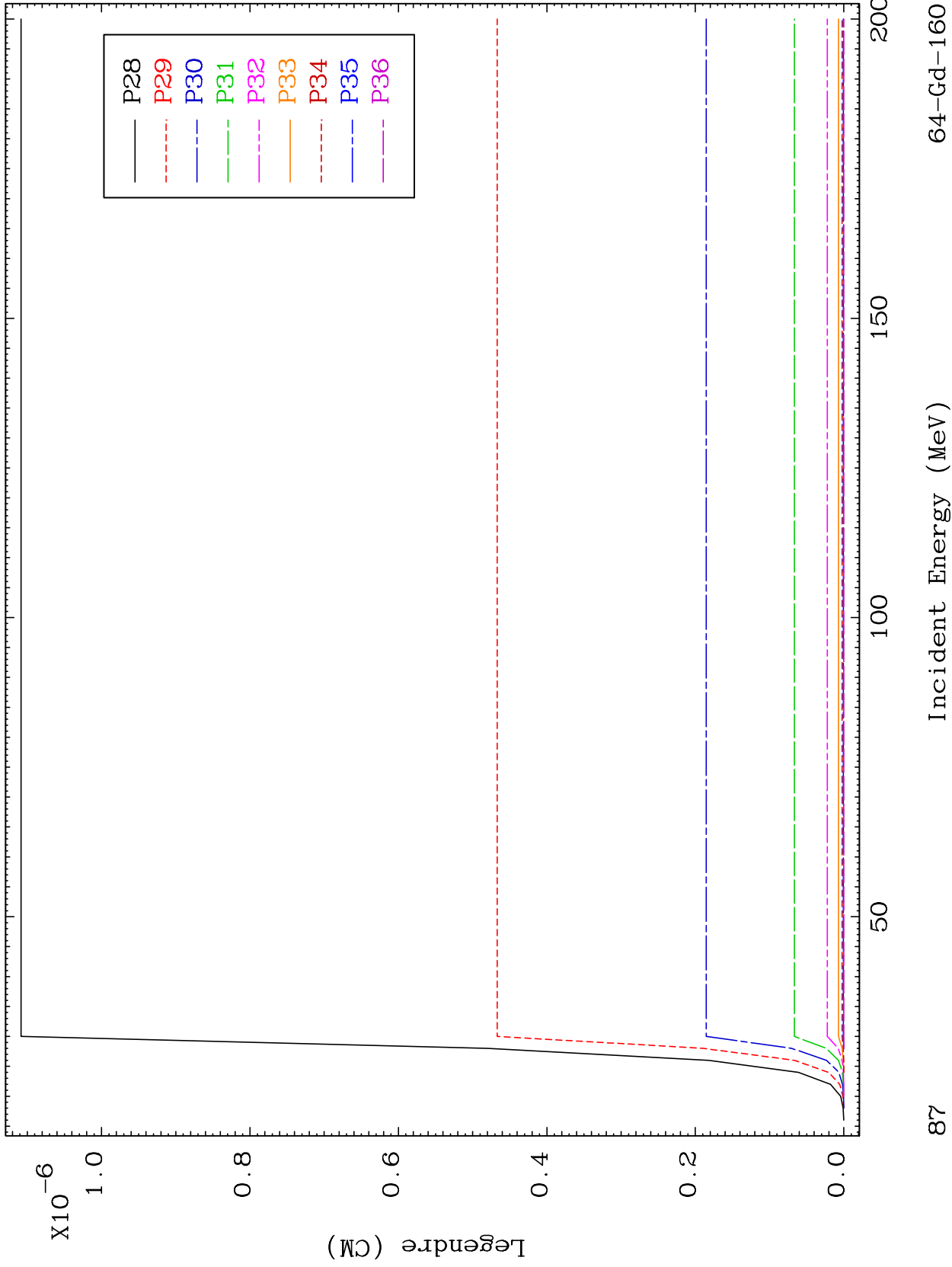
64-Gd-160



MAT 6449

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

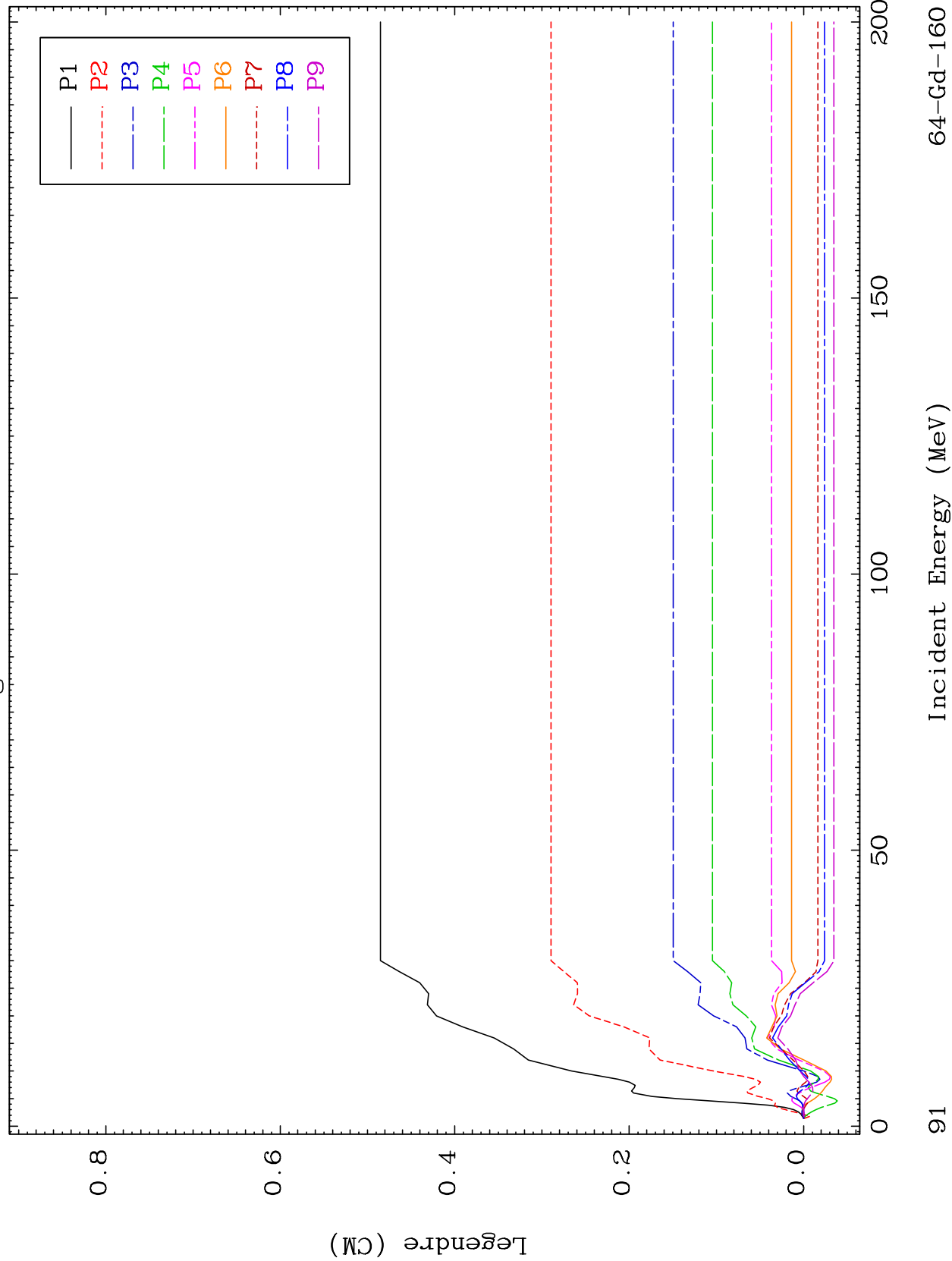
64-Gd-160



MAT 6449

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

64-Gd-160

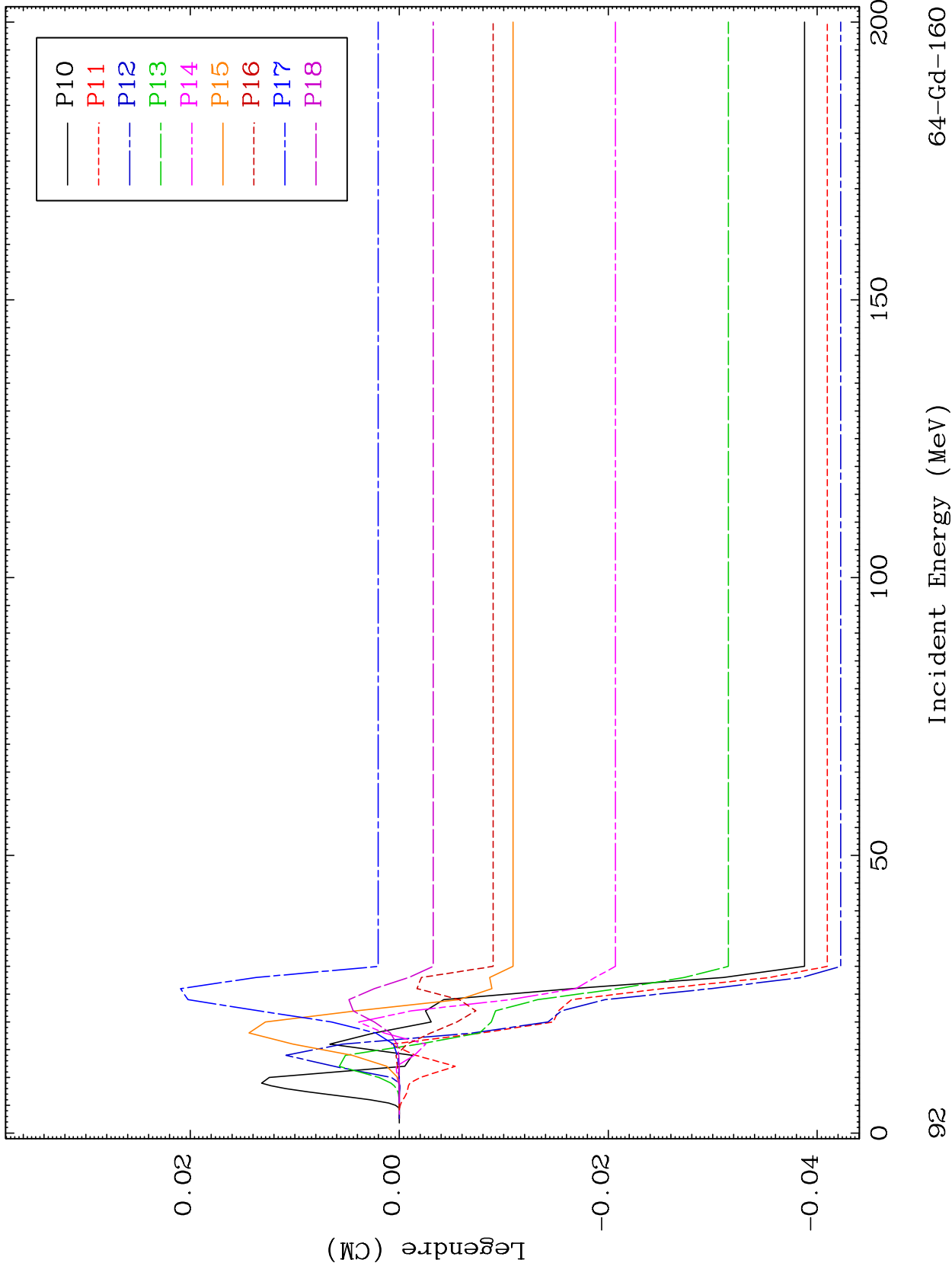


91

MAT 6449

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

64-Gd-160



64-Gd-160

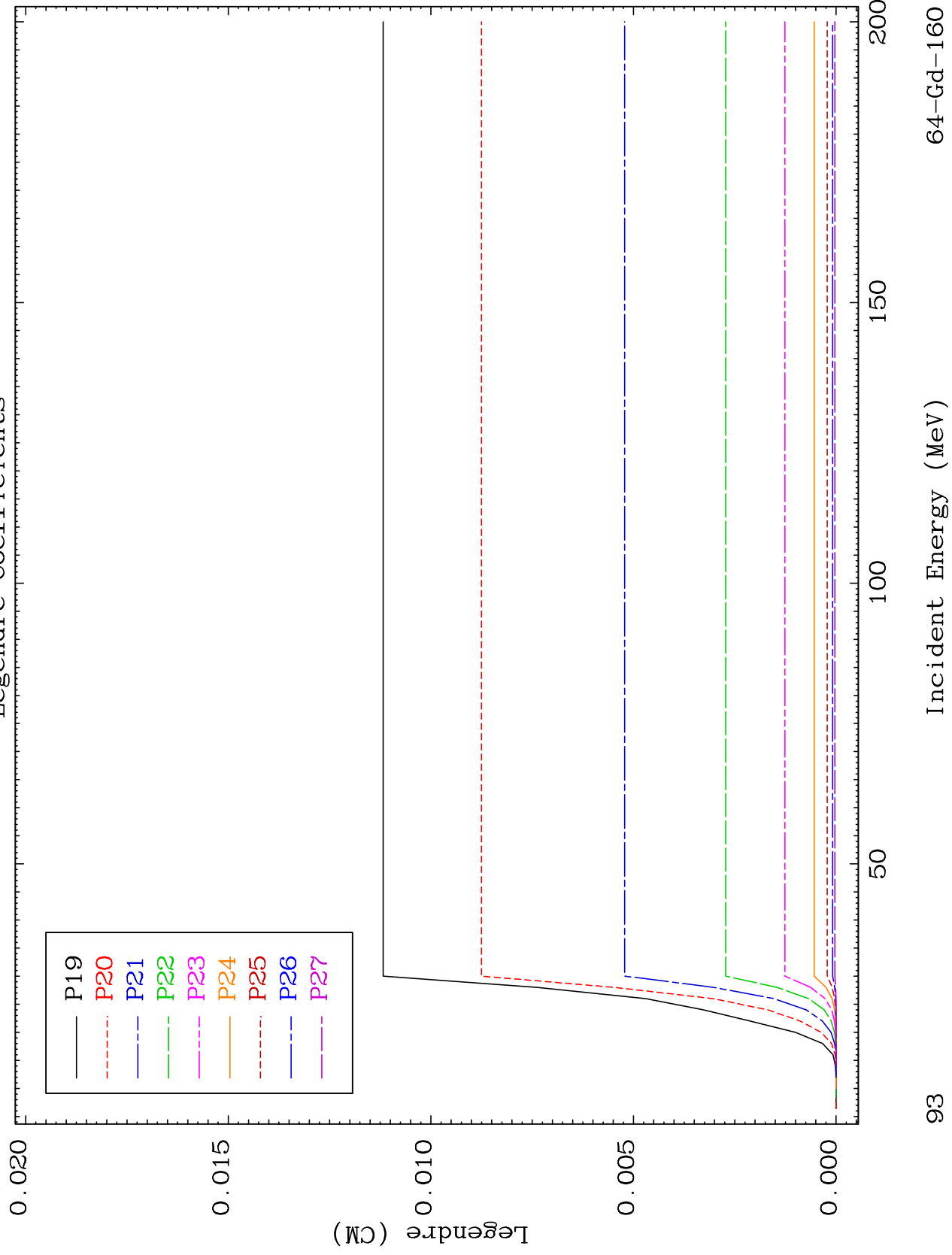
Incident Energy (MeV)

92

MAT 6449

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

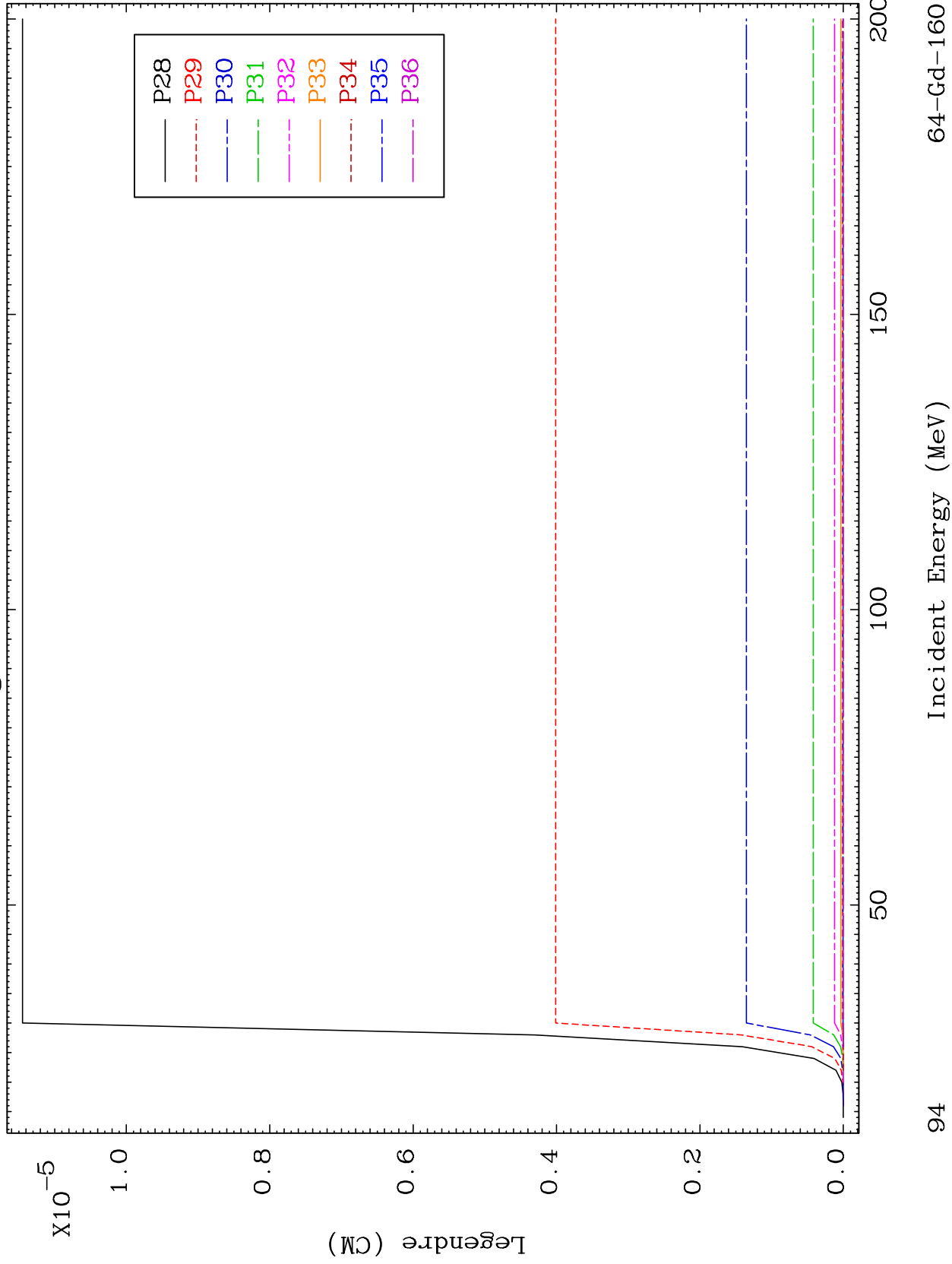
64-Gd-160



MAT 6449

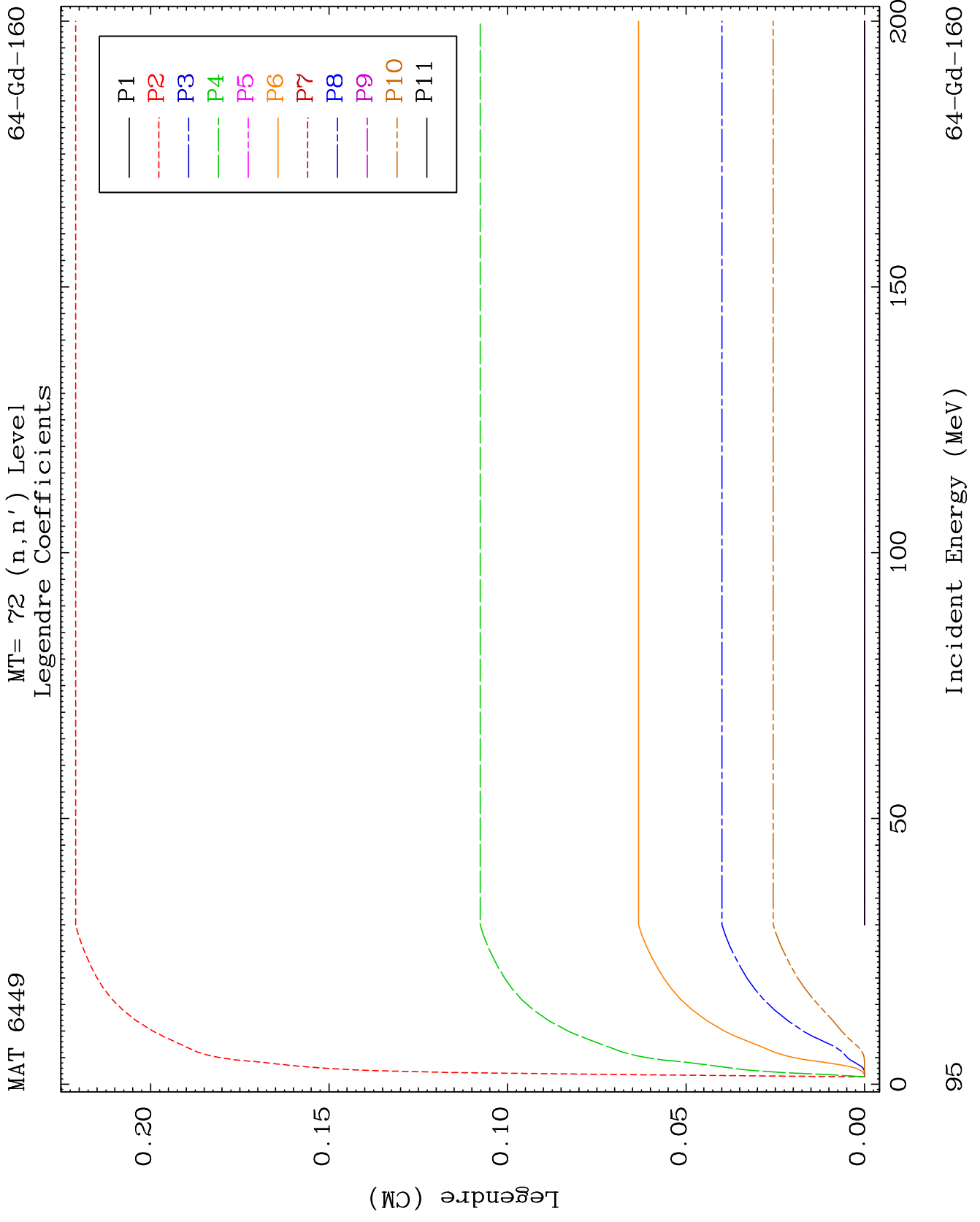
MT= 71 (n,n') Level
Legendre Coefficients

64-Gd-160



94

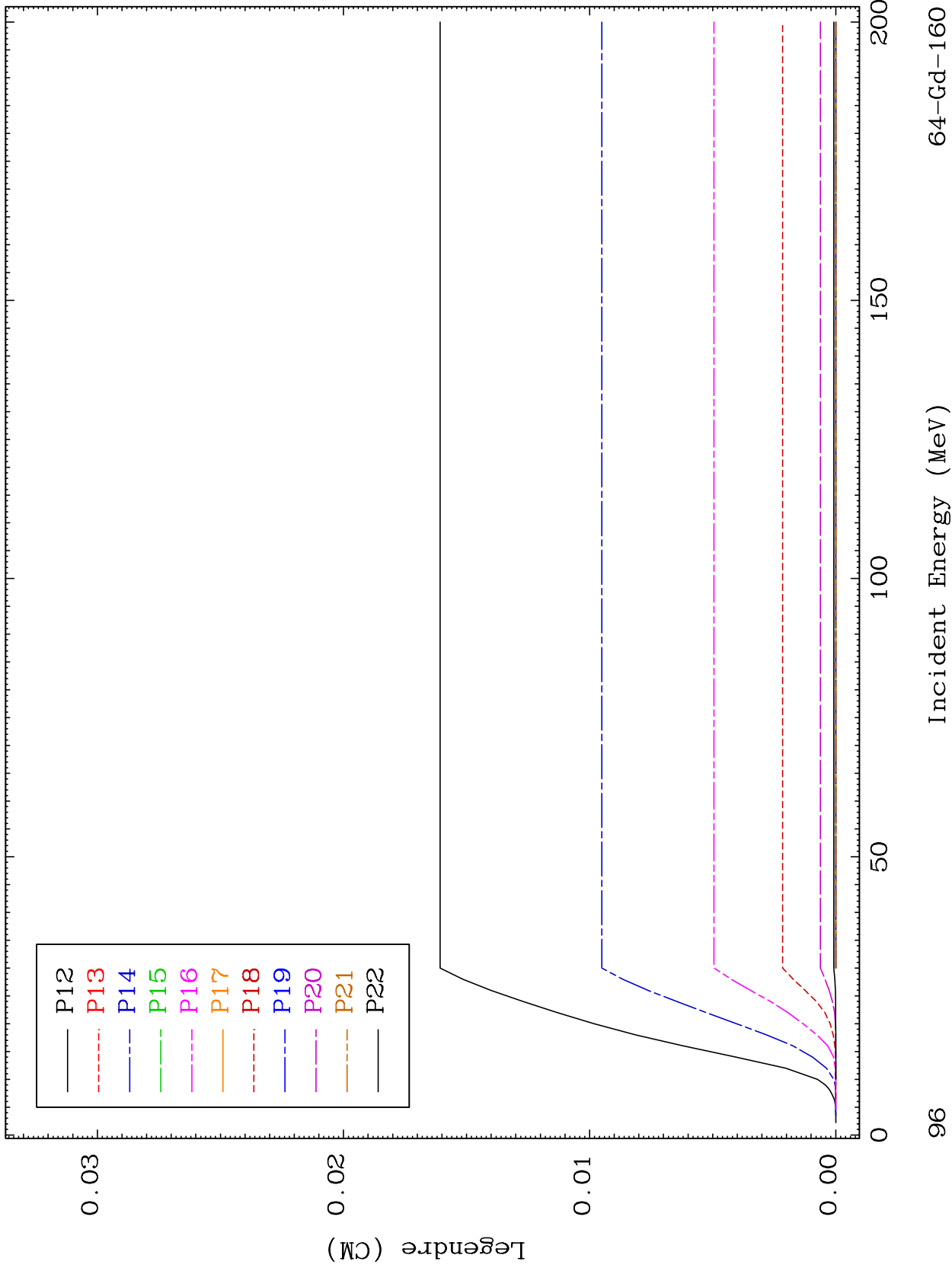
64-Gd-160



MAT 6449

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

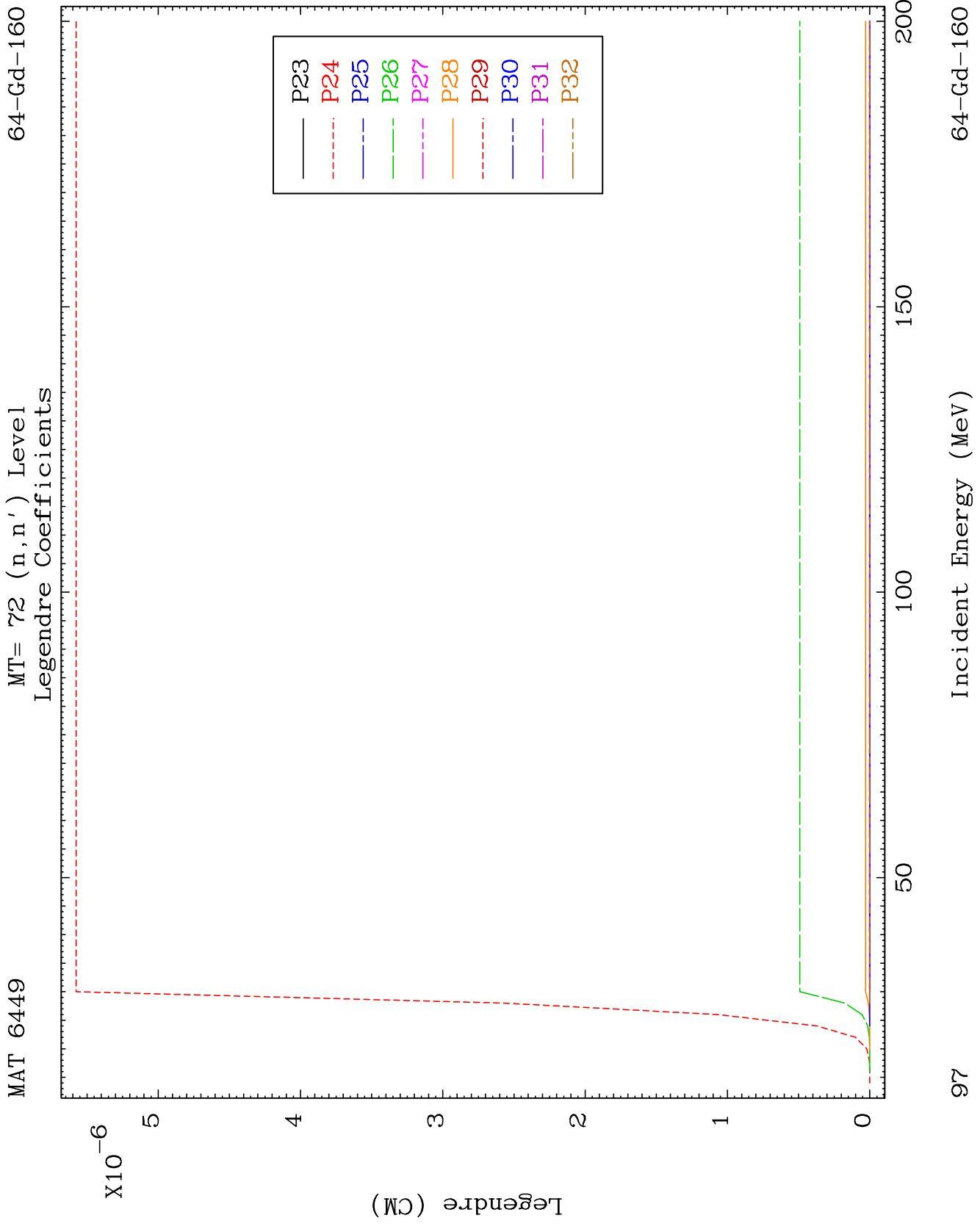
64-Gd-160



96

Incident Energy (MeV)

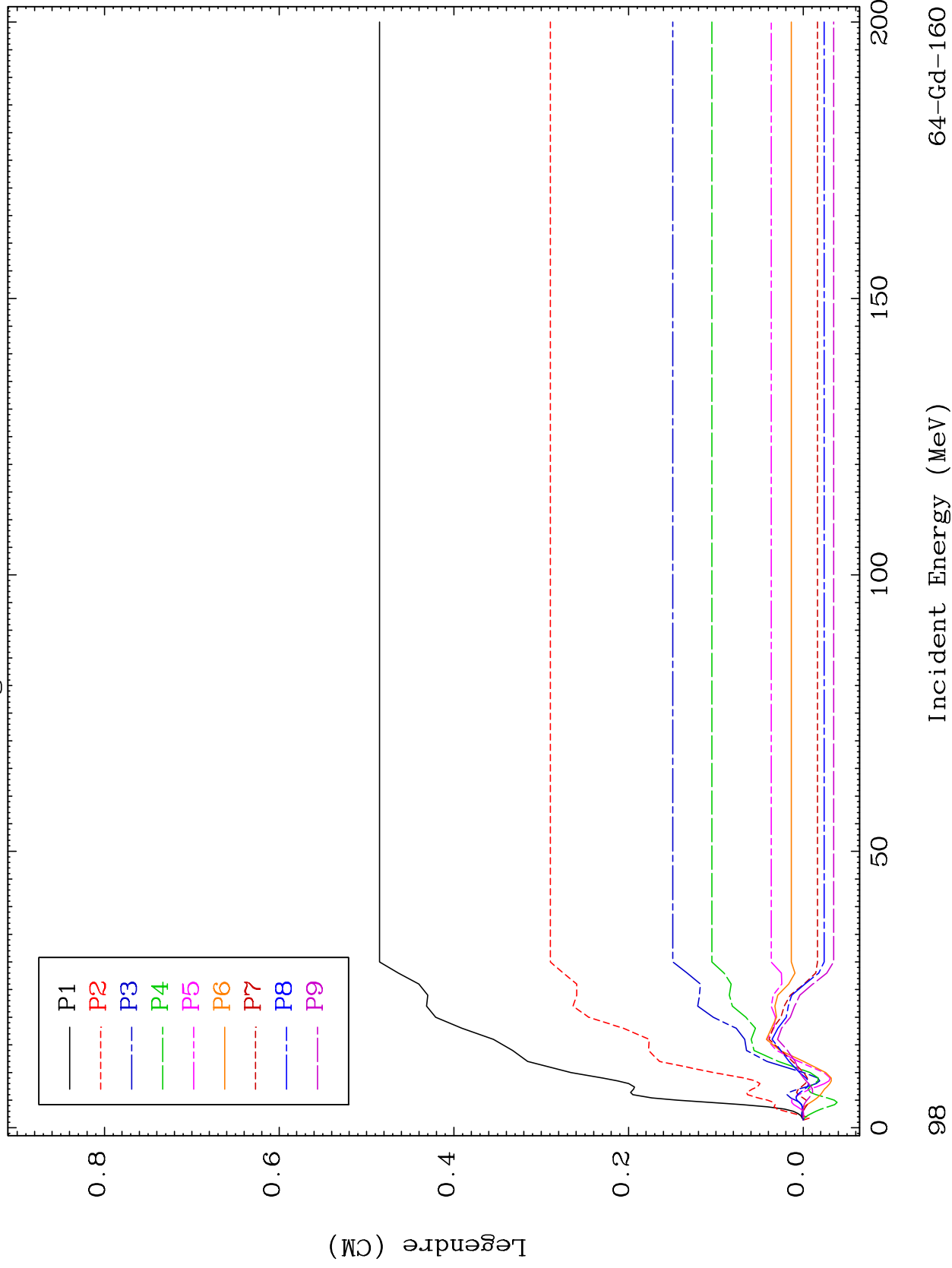
64-Gd-160



MAT 6449

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

64-Gd-160



98

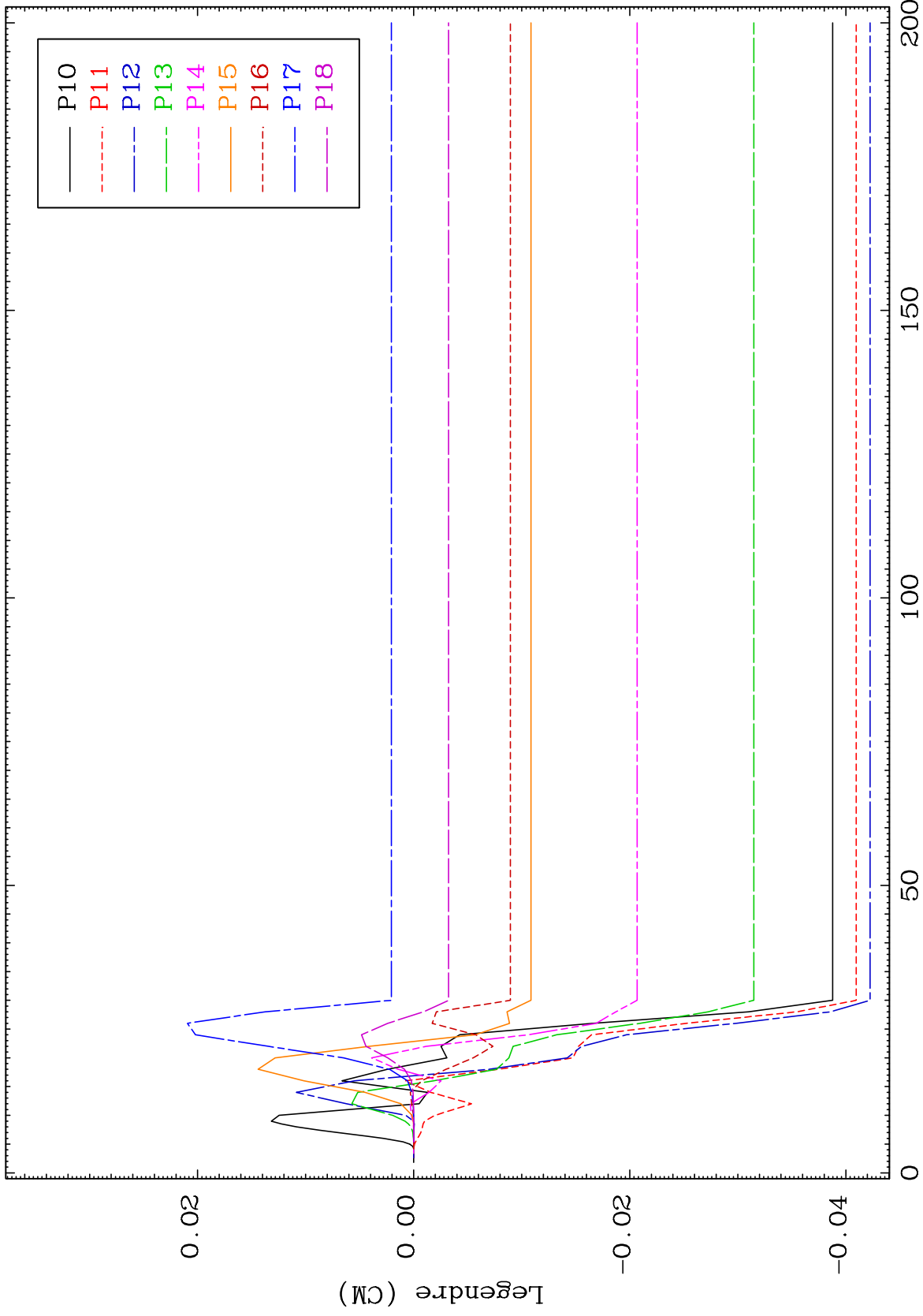
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



99

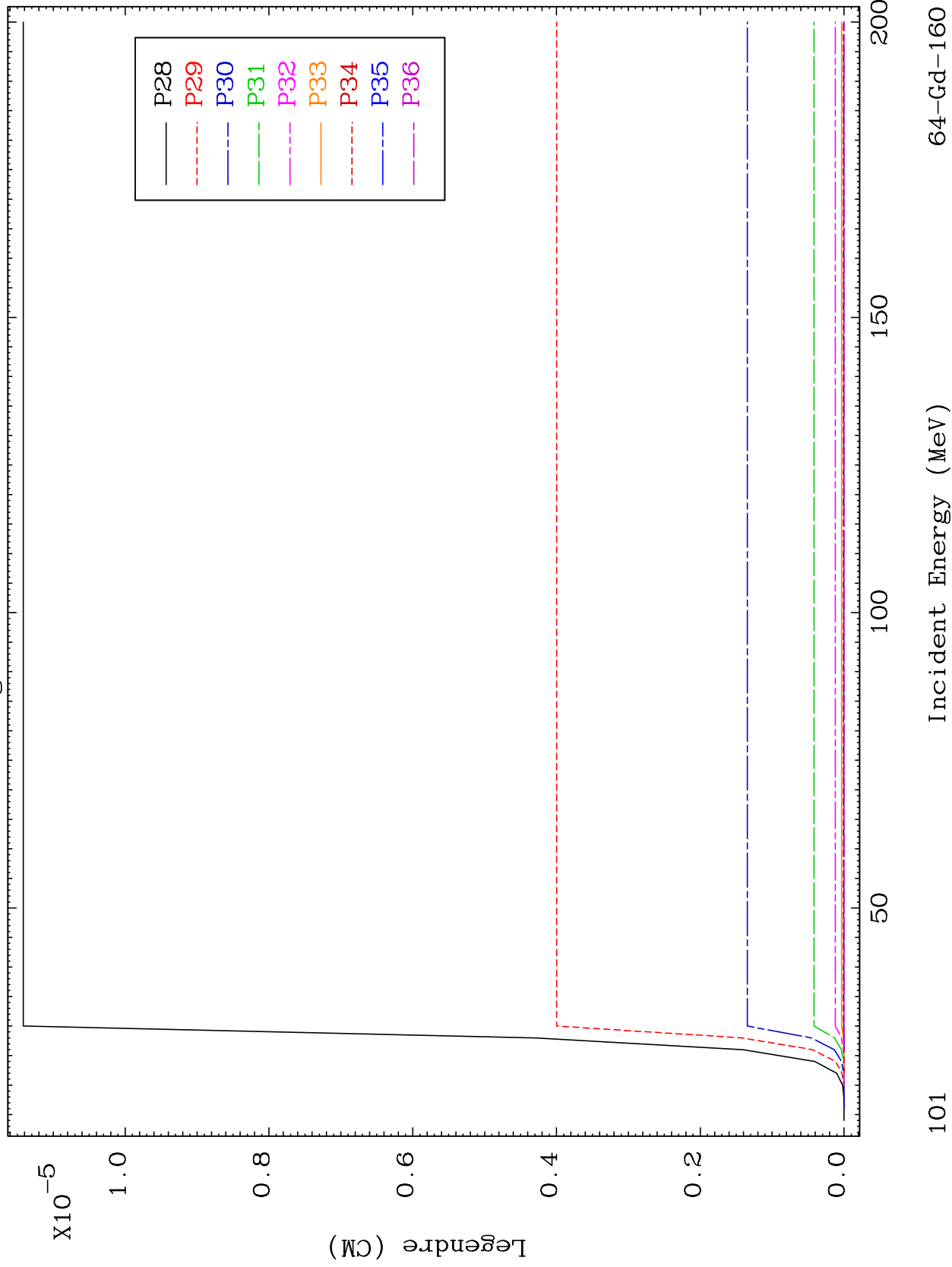
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

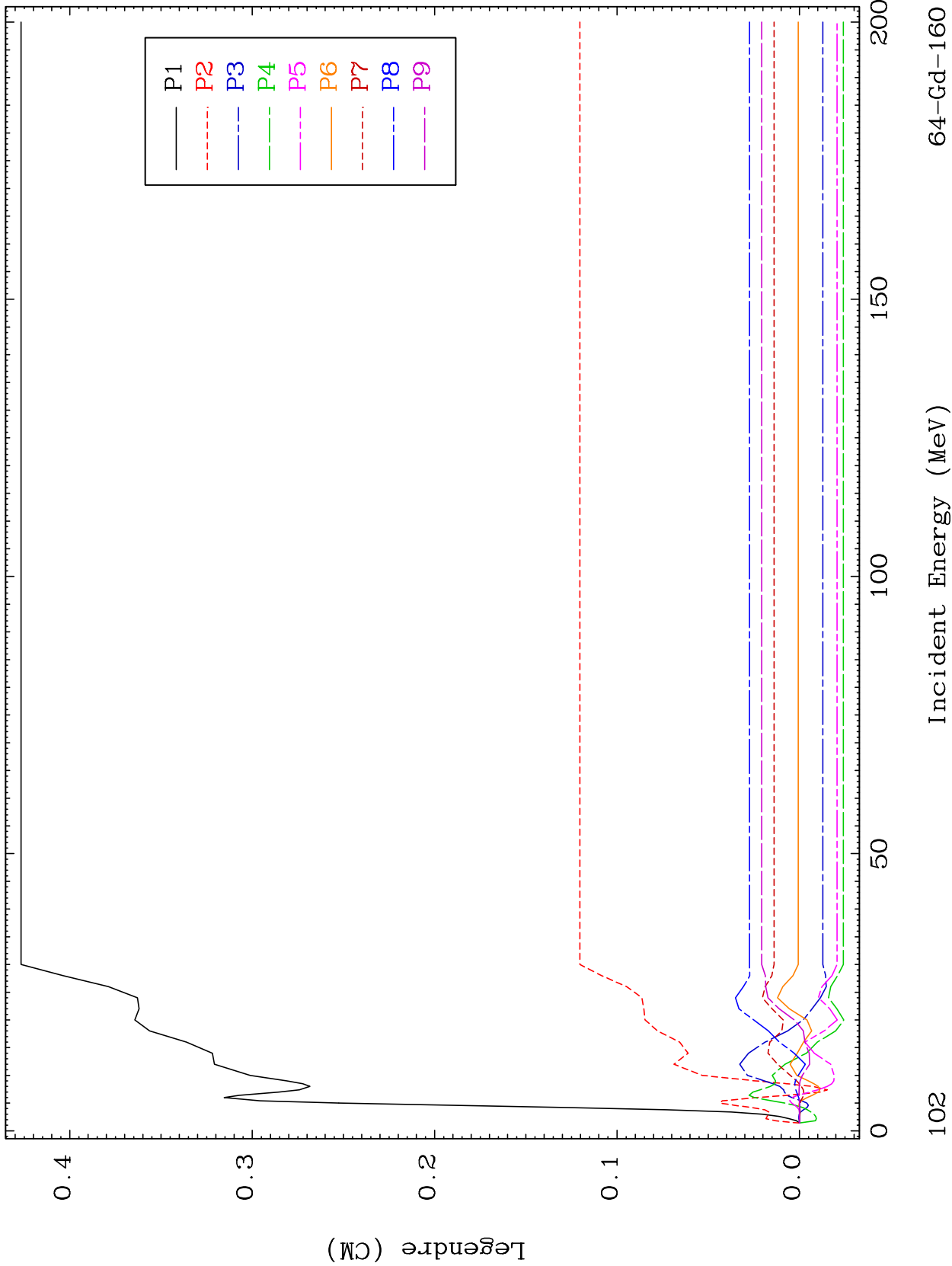
64-Gd-160



MAT 6449

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

64-Gd-160



64-Gd-160

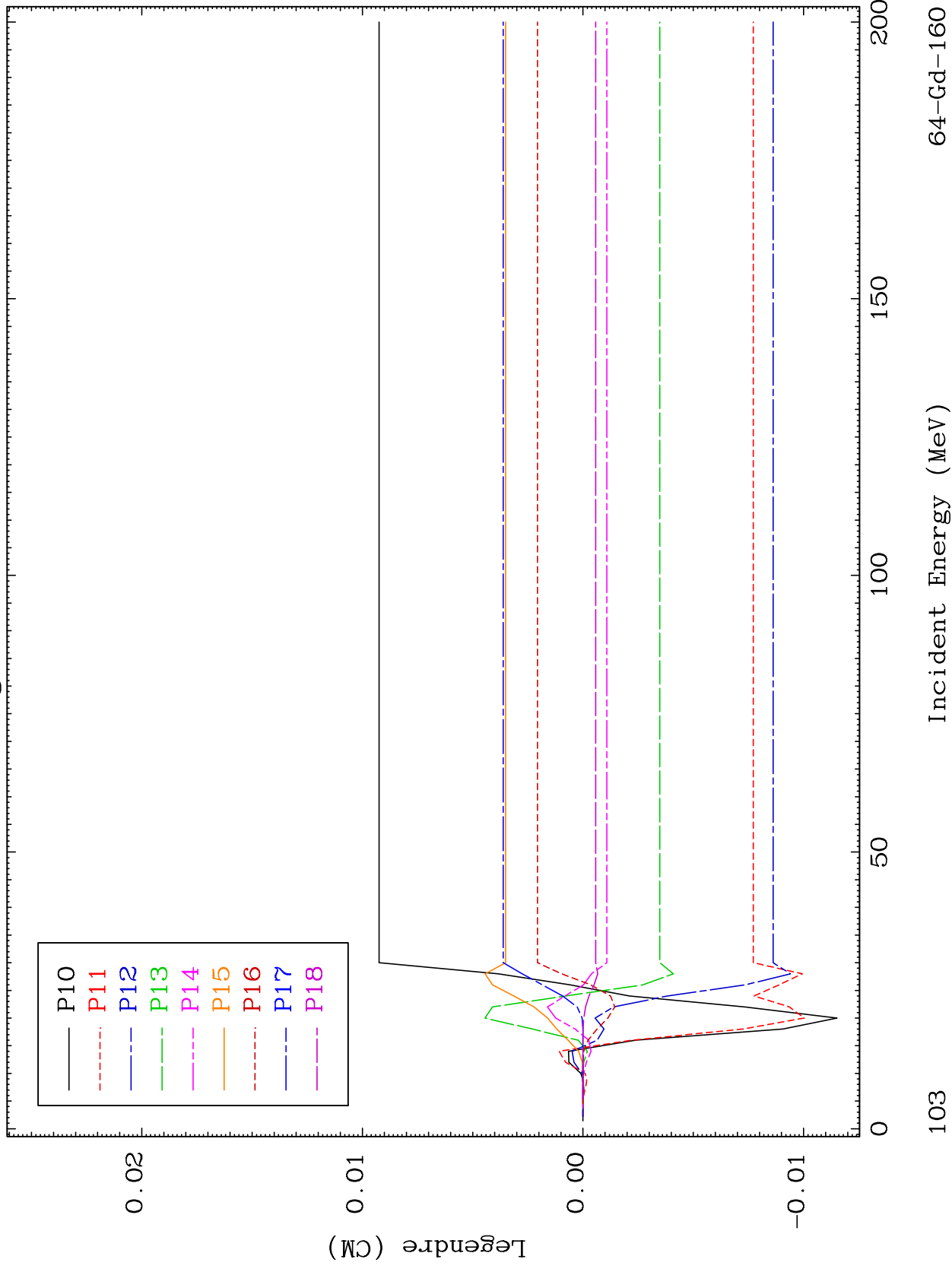
Incident Energy (MeV)

102

MAT 6449

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

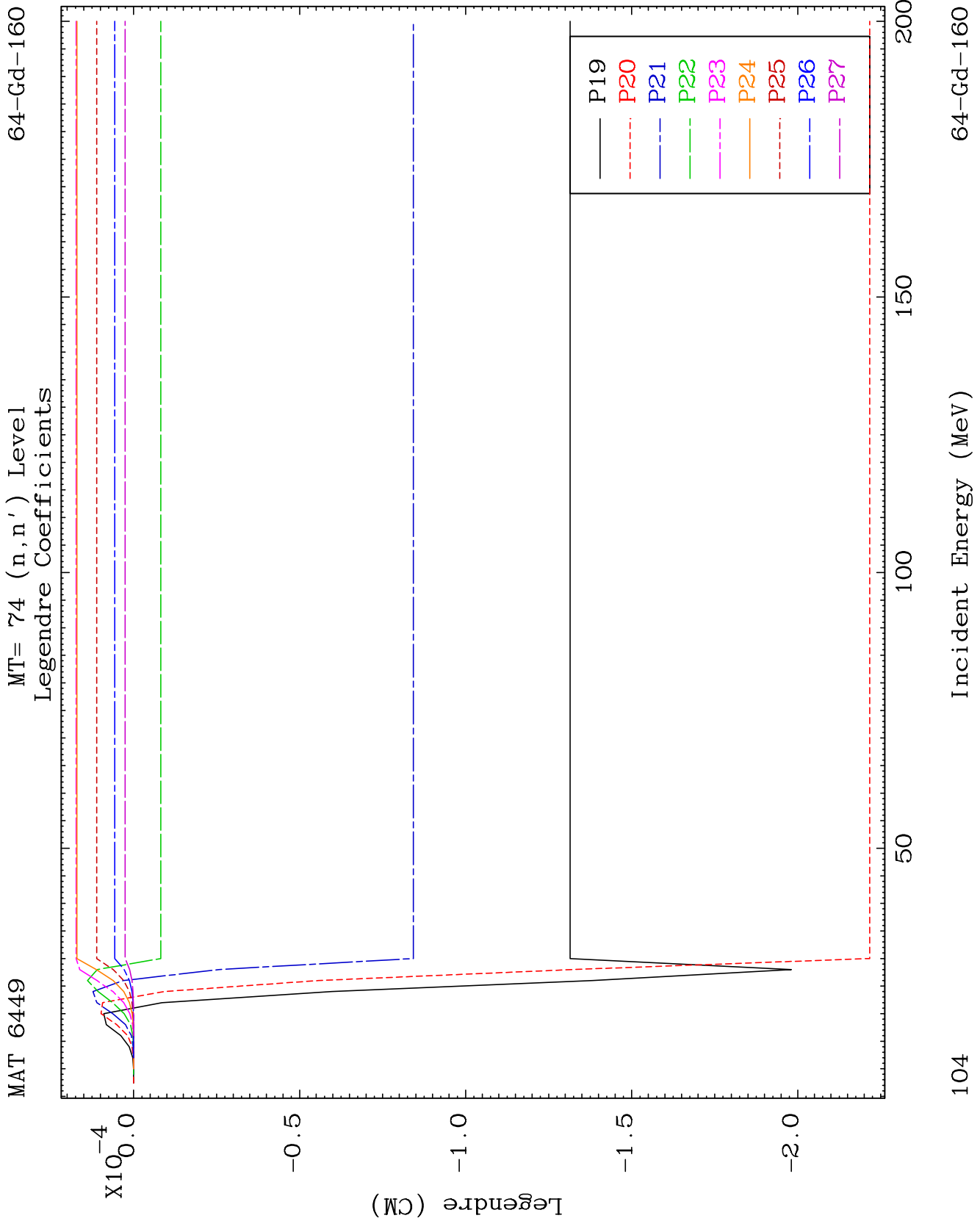
64-Gd-160



64-Gd-160

Incident Energy (MeV)

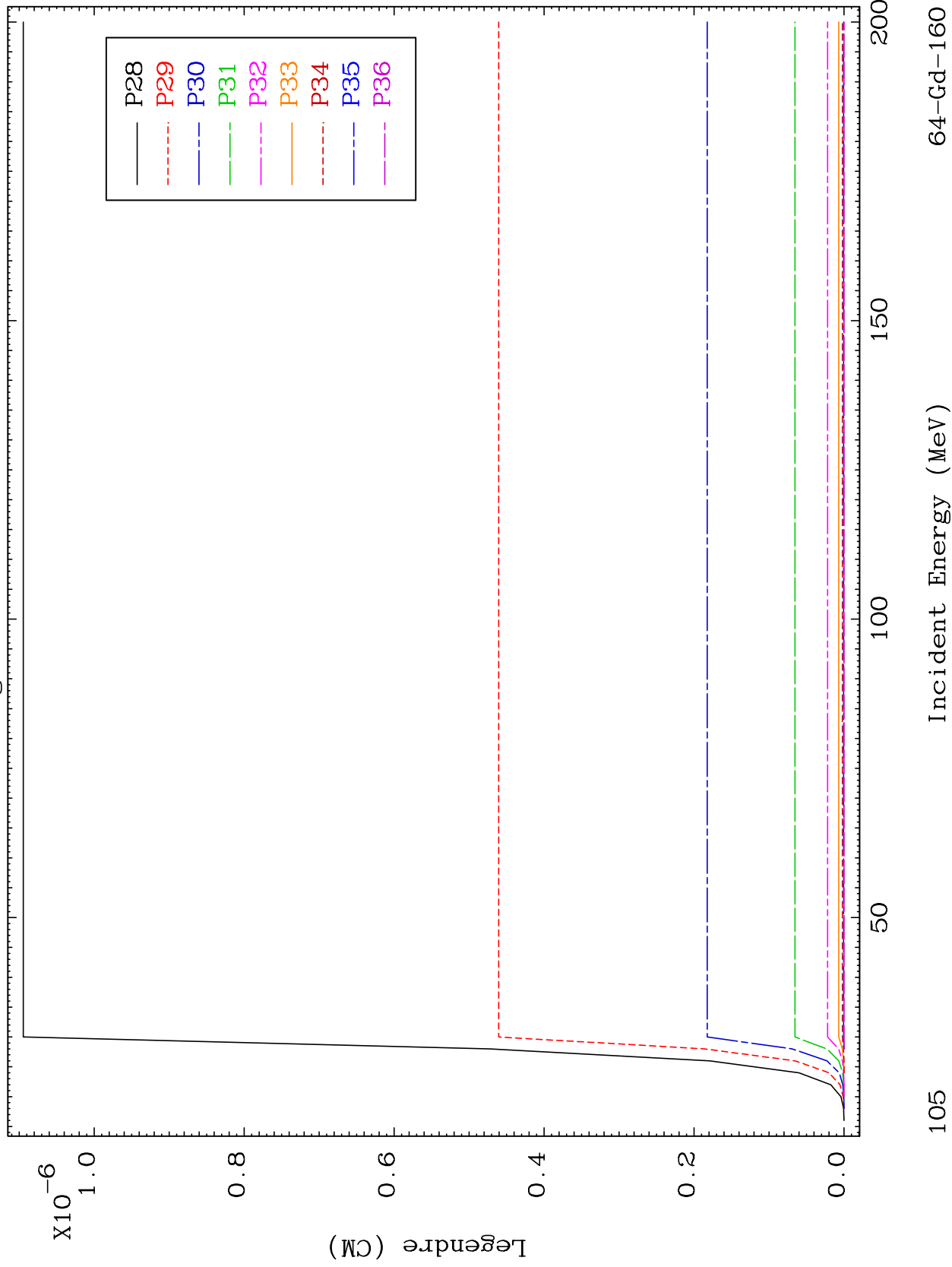
103



MAT 6449

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

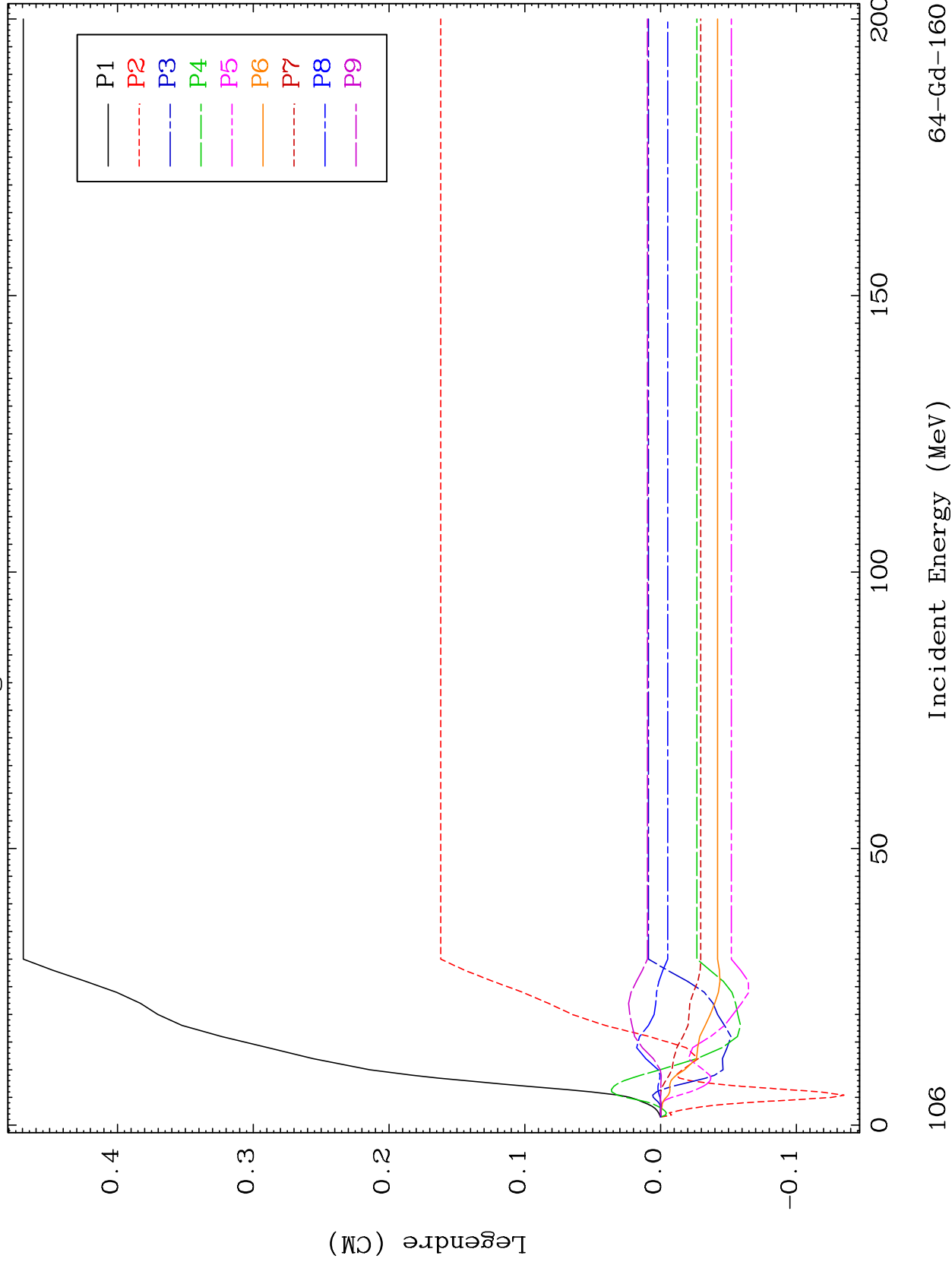
64-Gd-160



MAT 6449

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

64-Gd-160



64-Gd-160

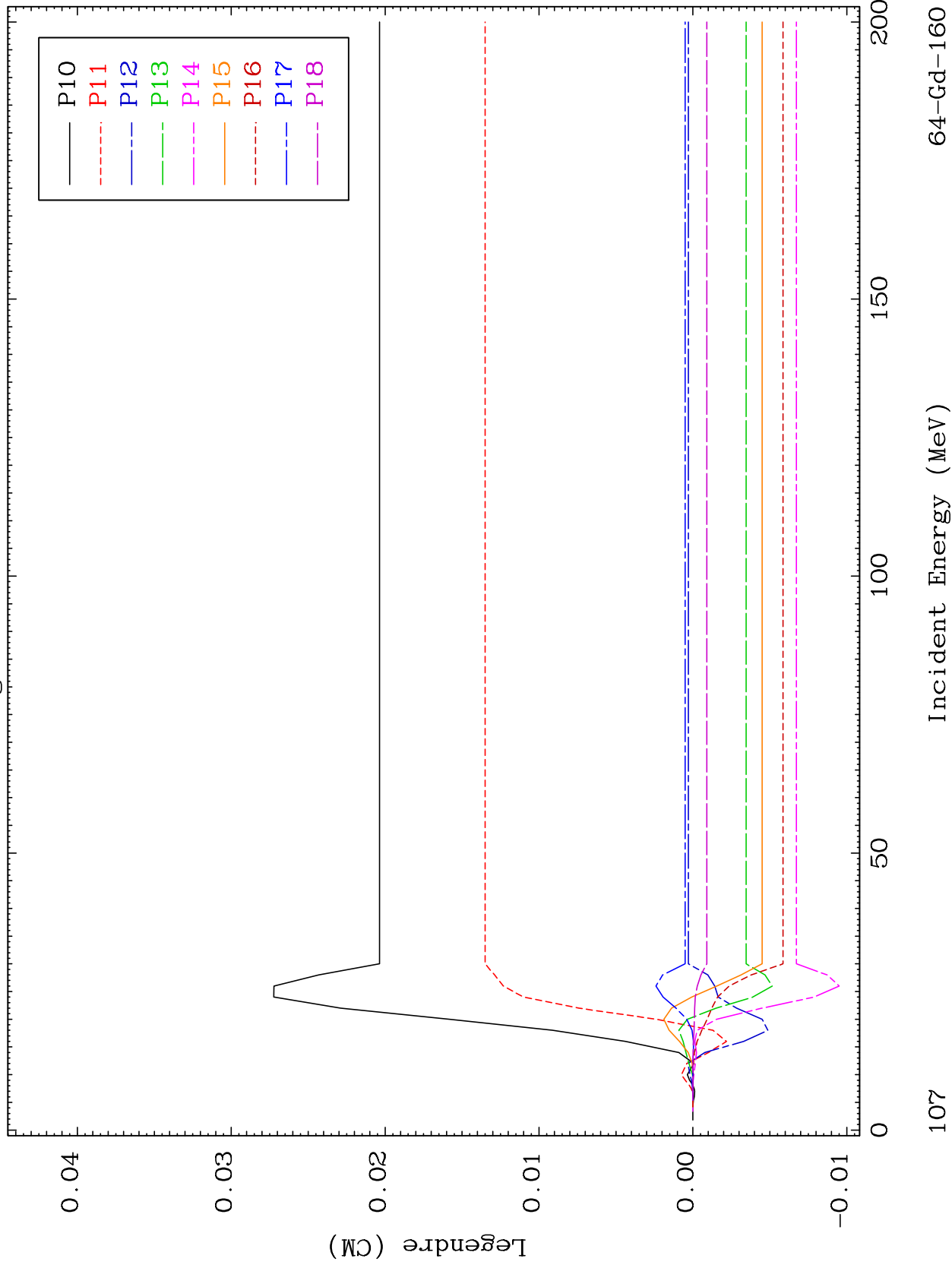
Incident Energy (MeV)

106

MAT 6449

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

64-Gd-160



107

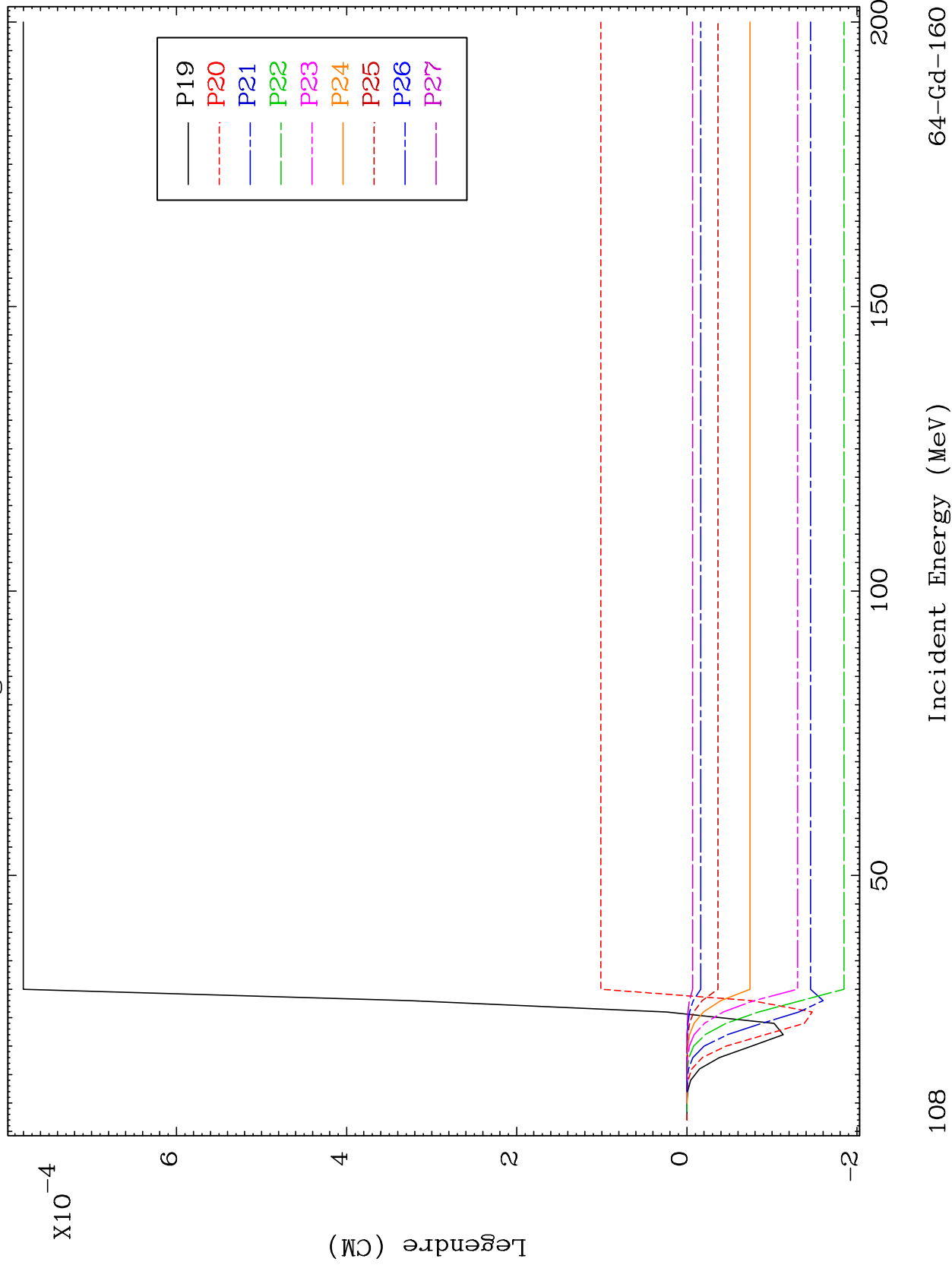
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

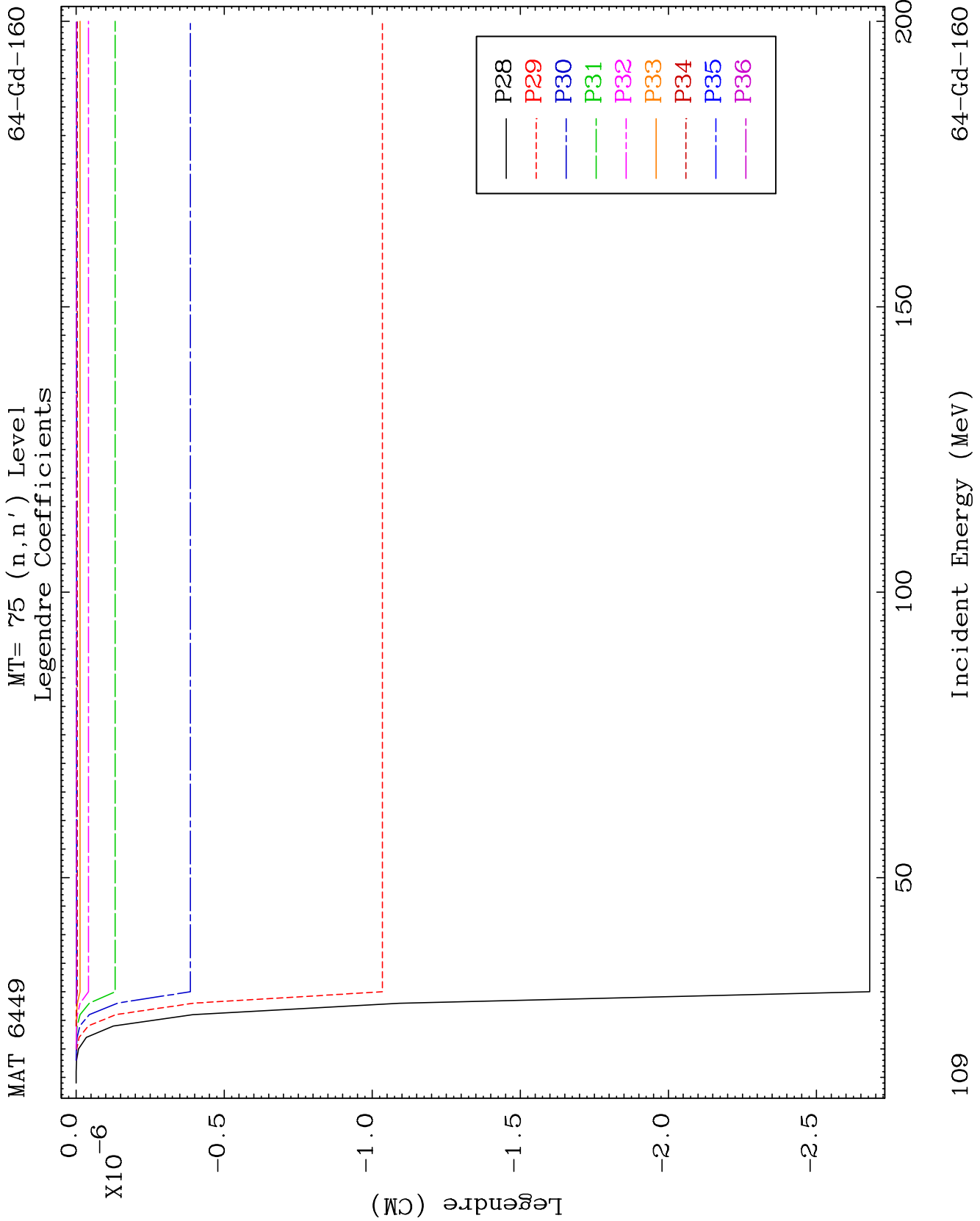
64-Gd-160



108

Incident Energy (MeV)

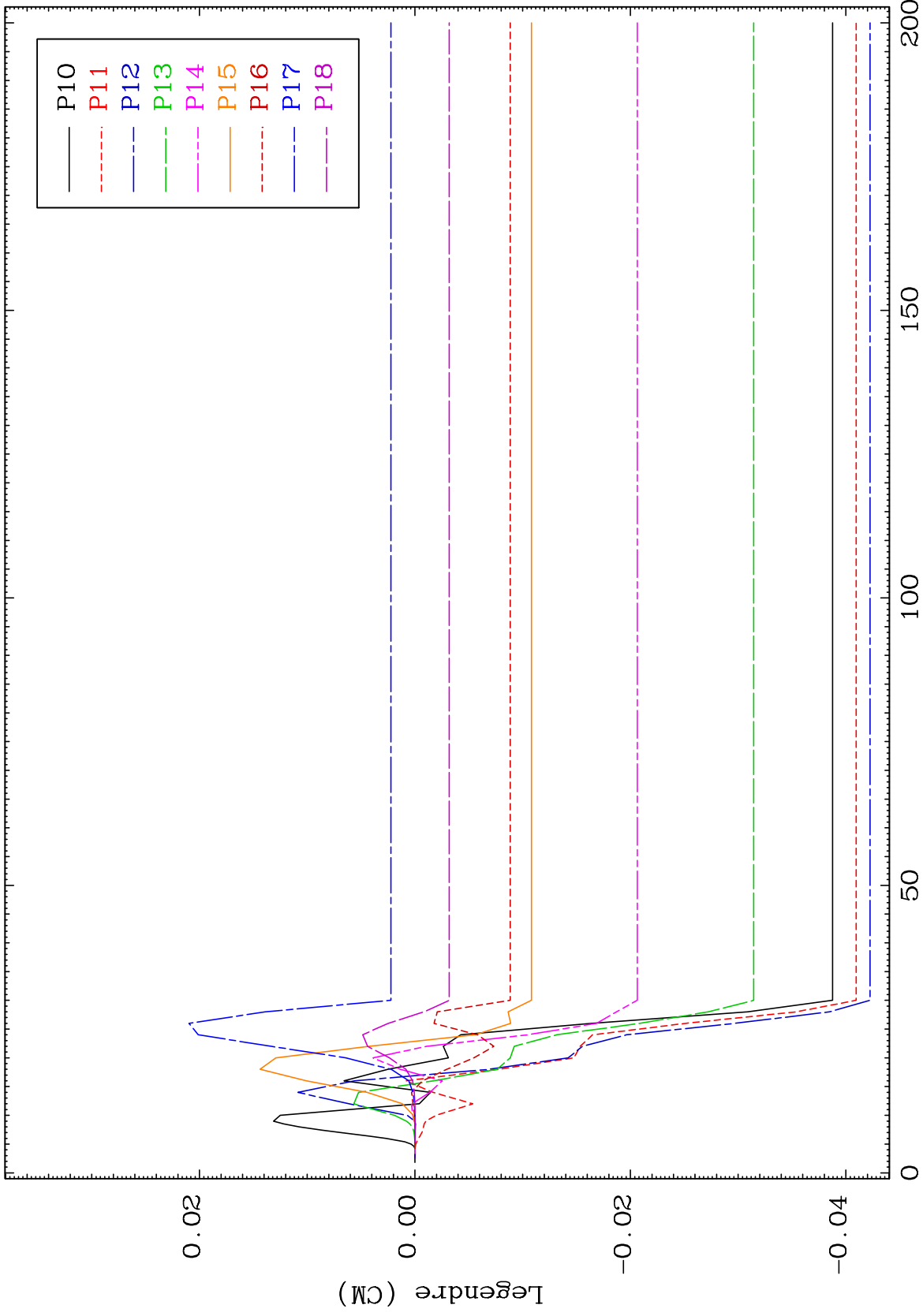
64-Gd-160



MAT 6449

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

64-Gd-160



111

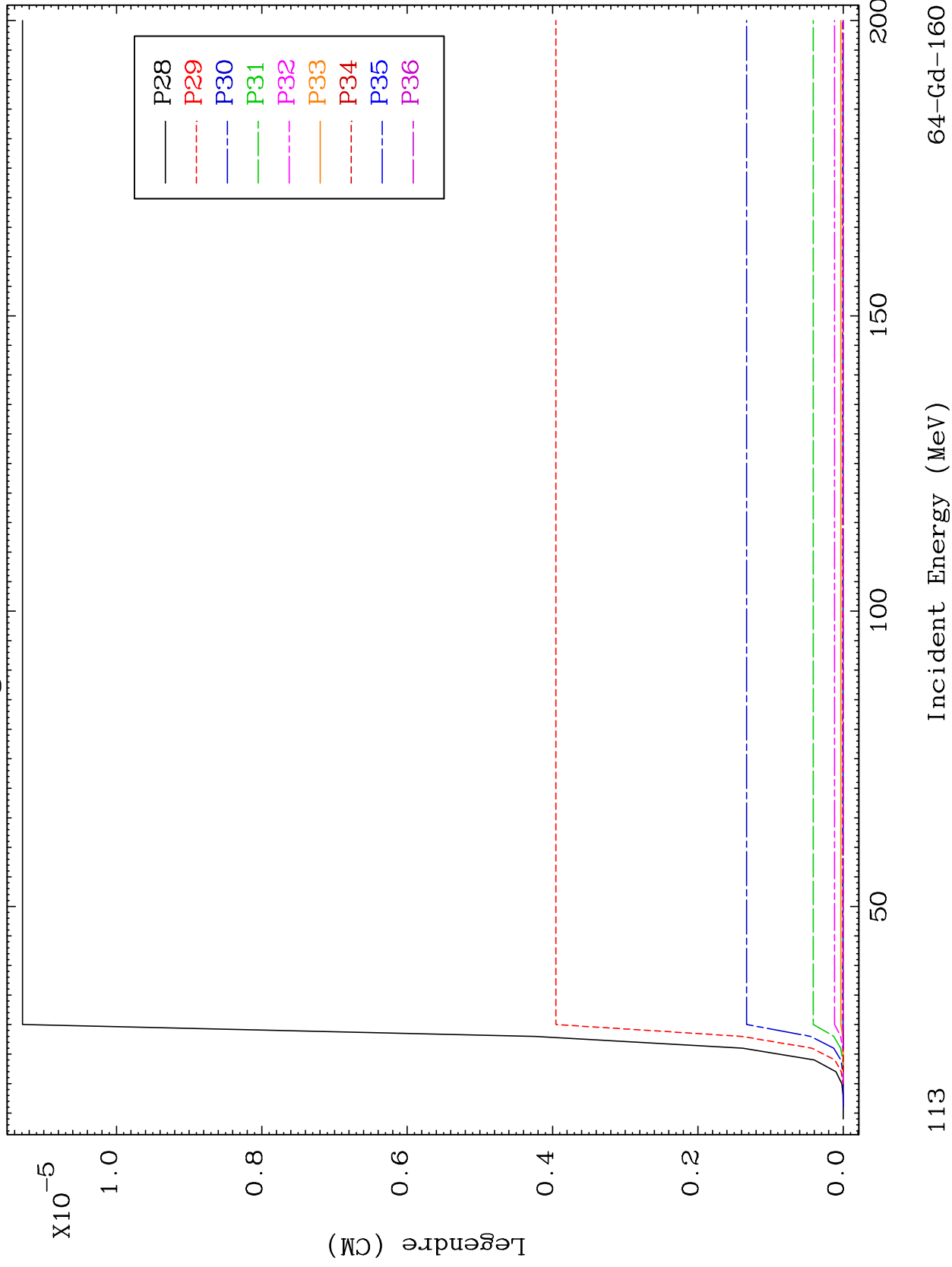
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



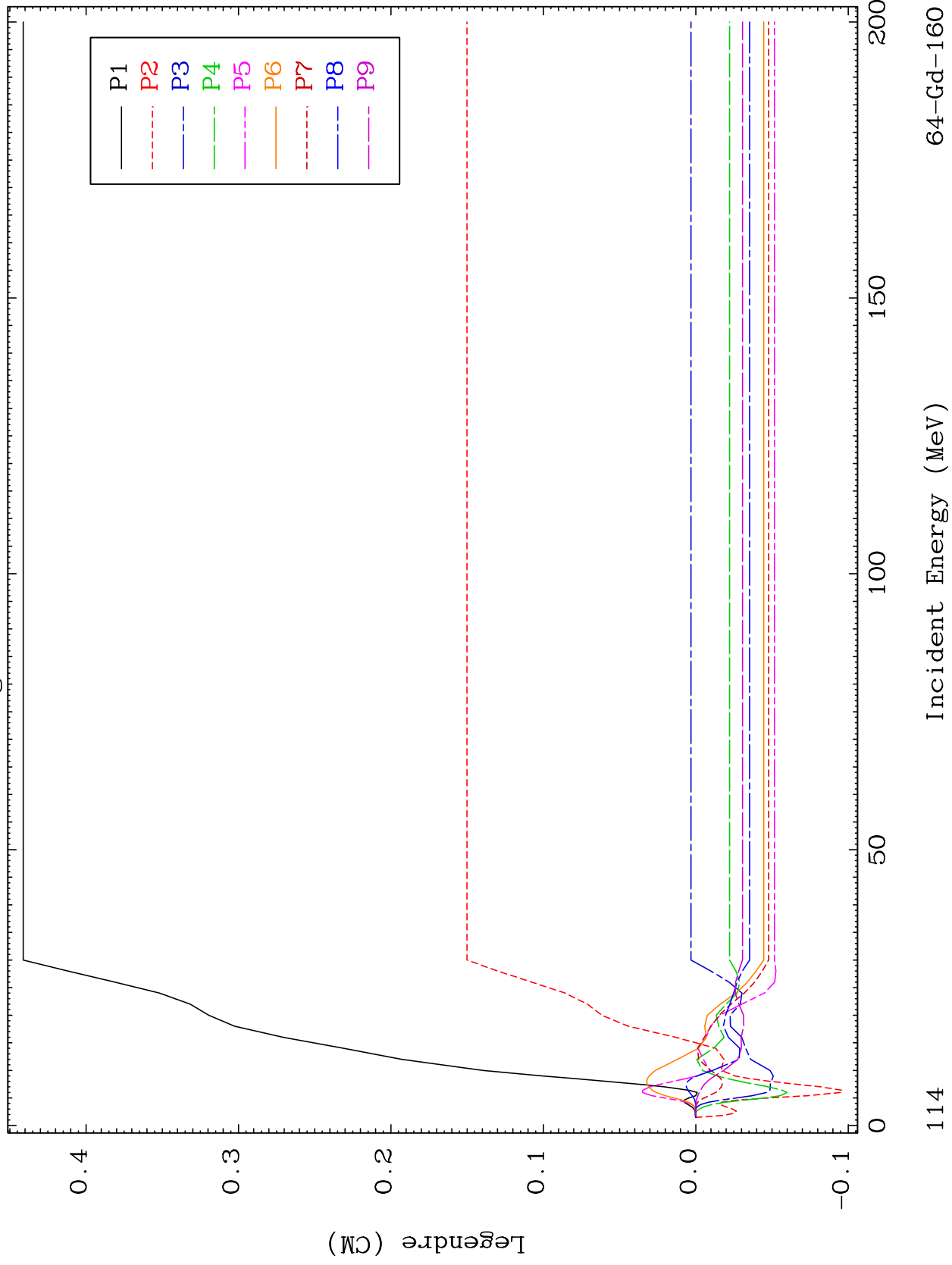
113

64-Gd-160

MAT 6449

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

64-Gd-160



64-Gd-160

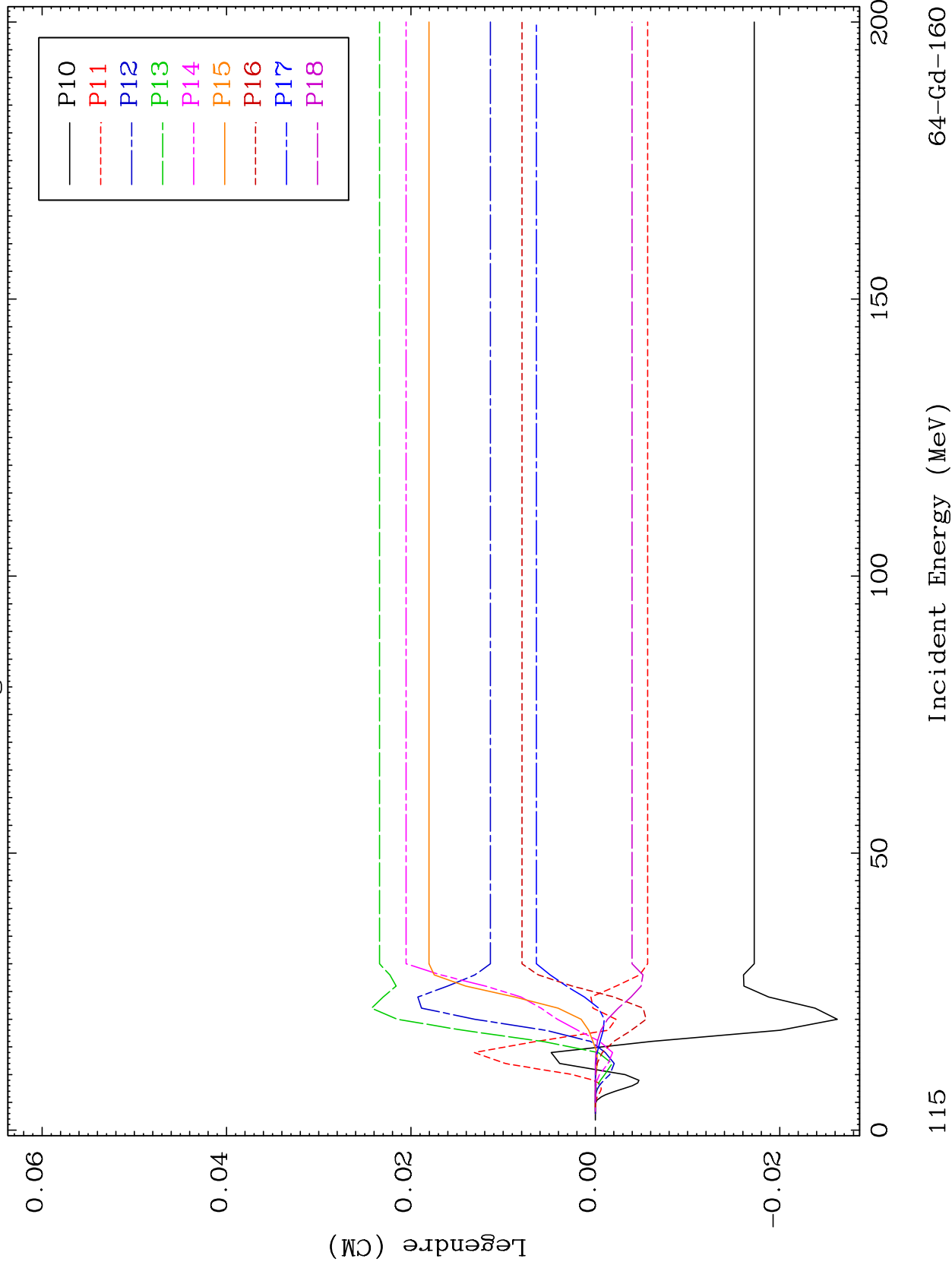
Incident Energy (MeV)

114

MAT 6449

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

64-Gd-160



64-Gd-160

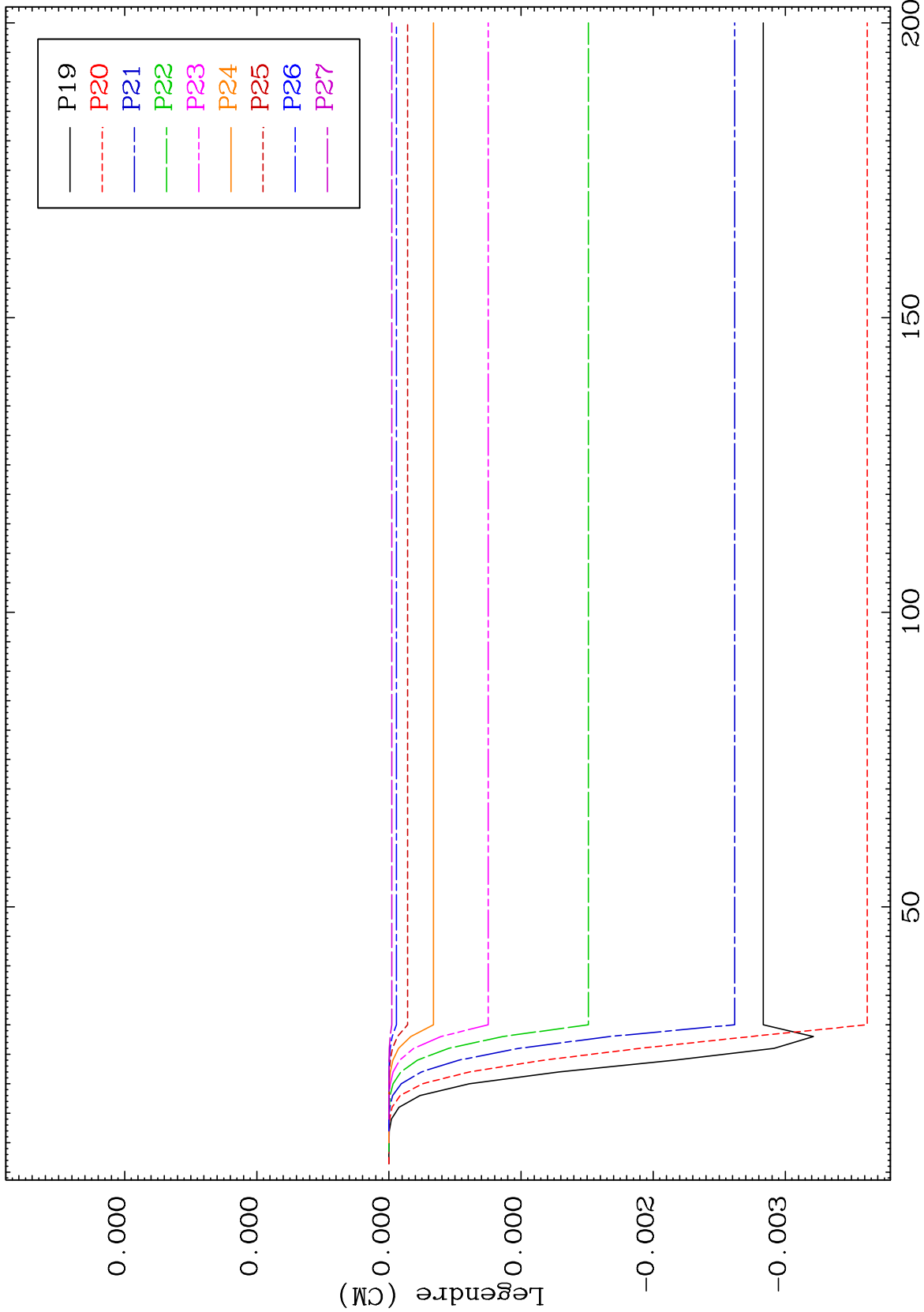
Incident Energy (MeV)

115

MAT 6449

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

64-Gd-160



116

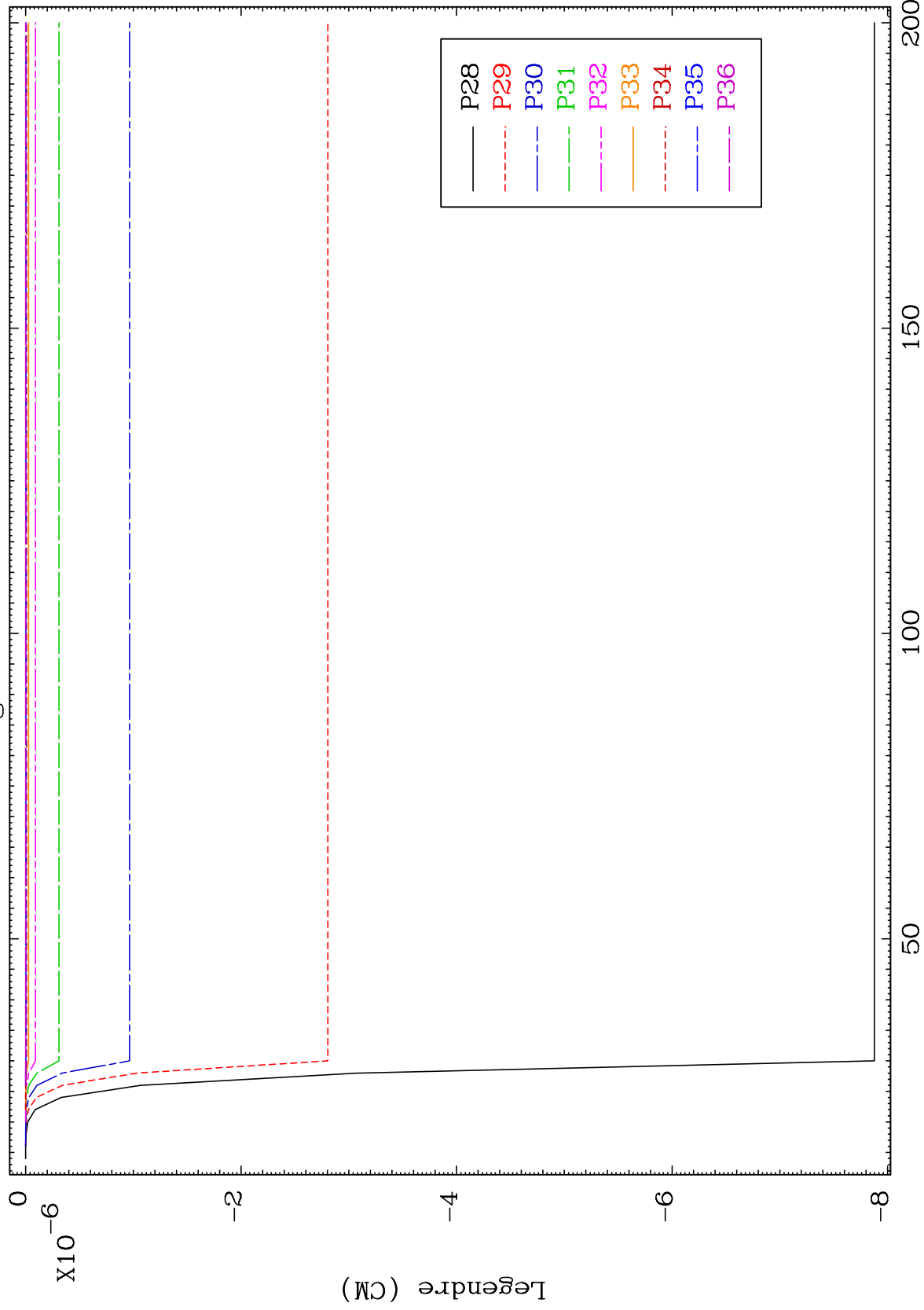
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



117

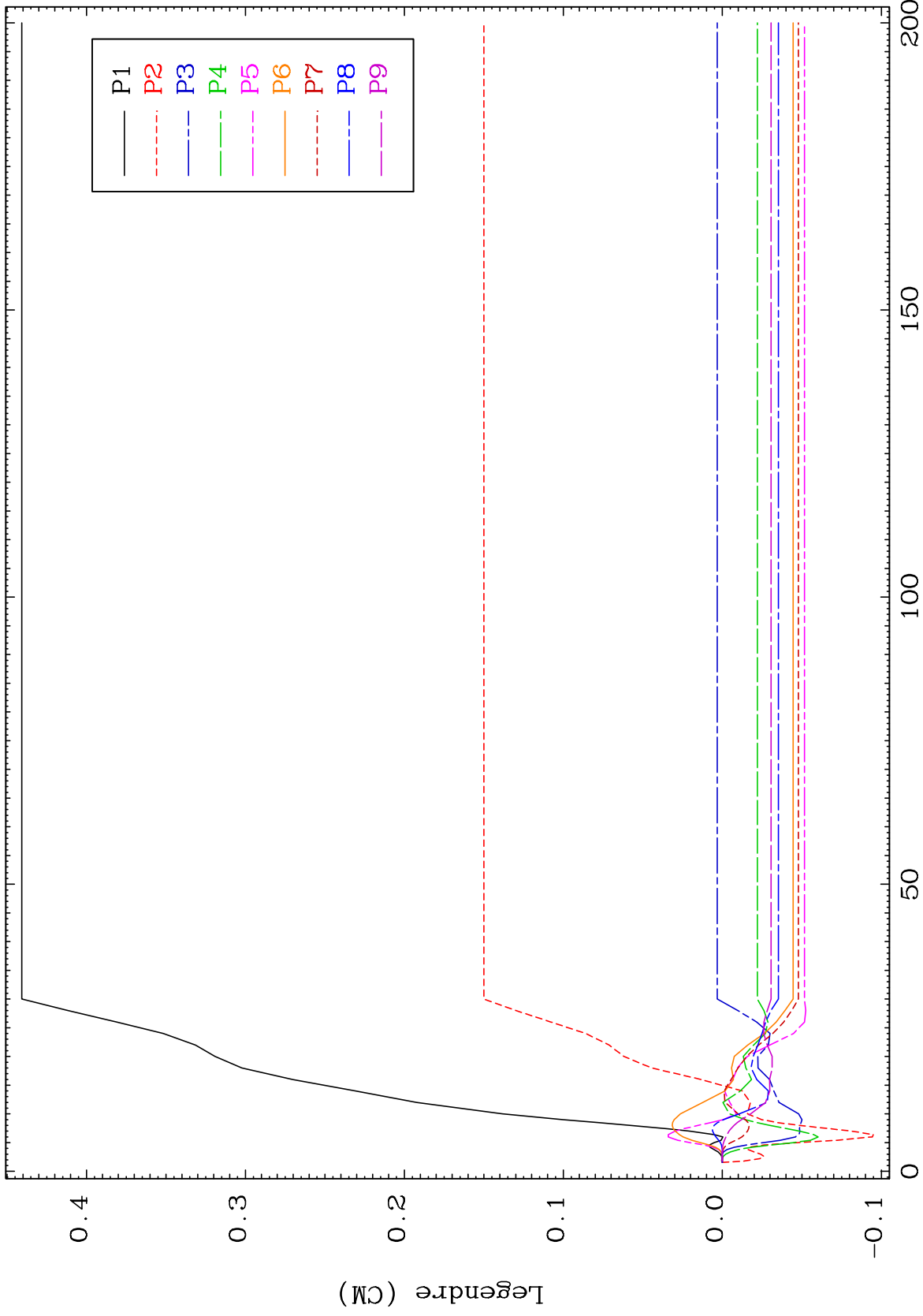
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

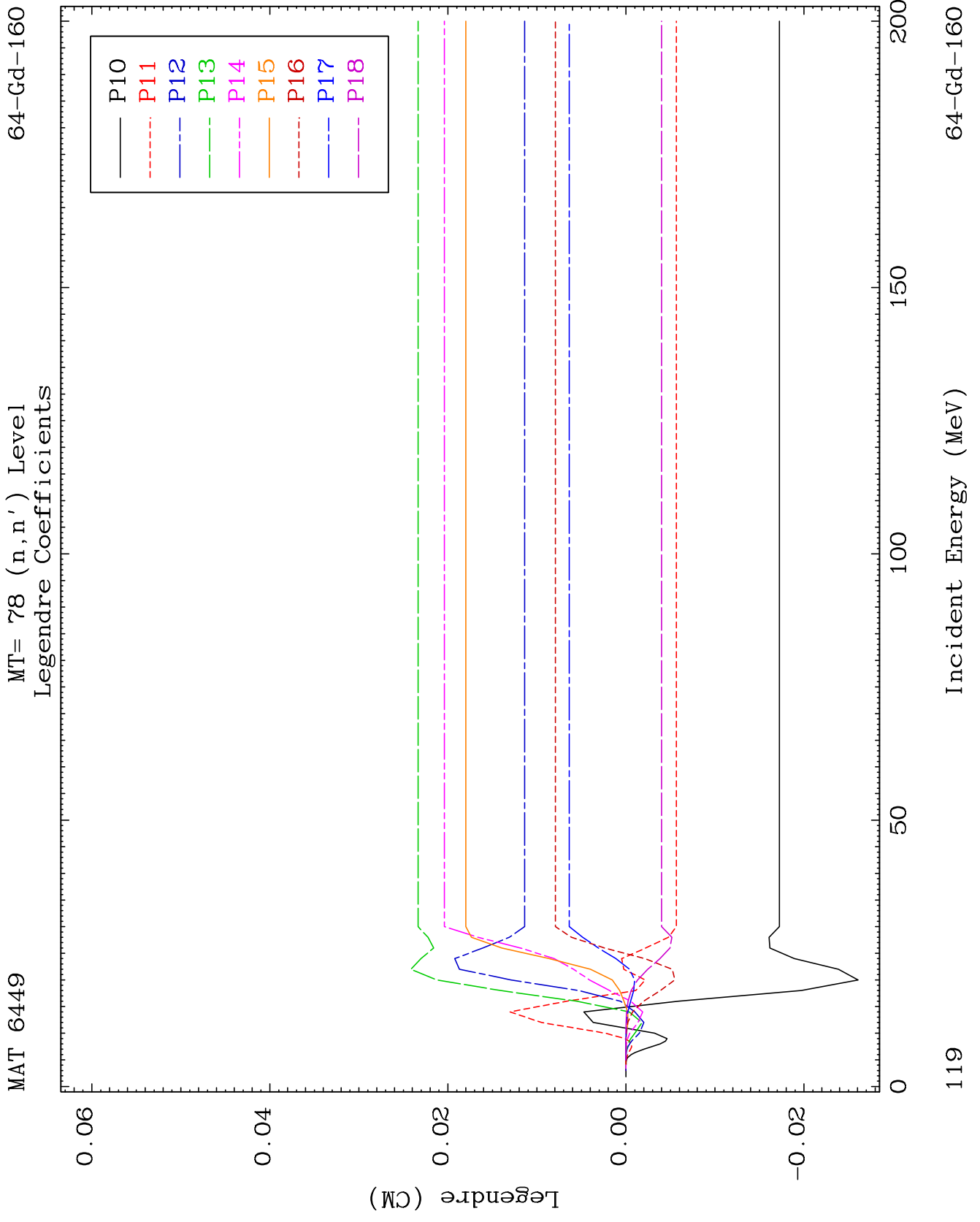
64-Gd-160



118

Incident Energy (MeV)

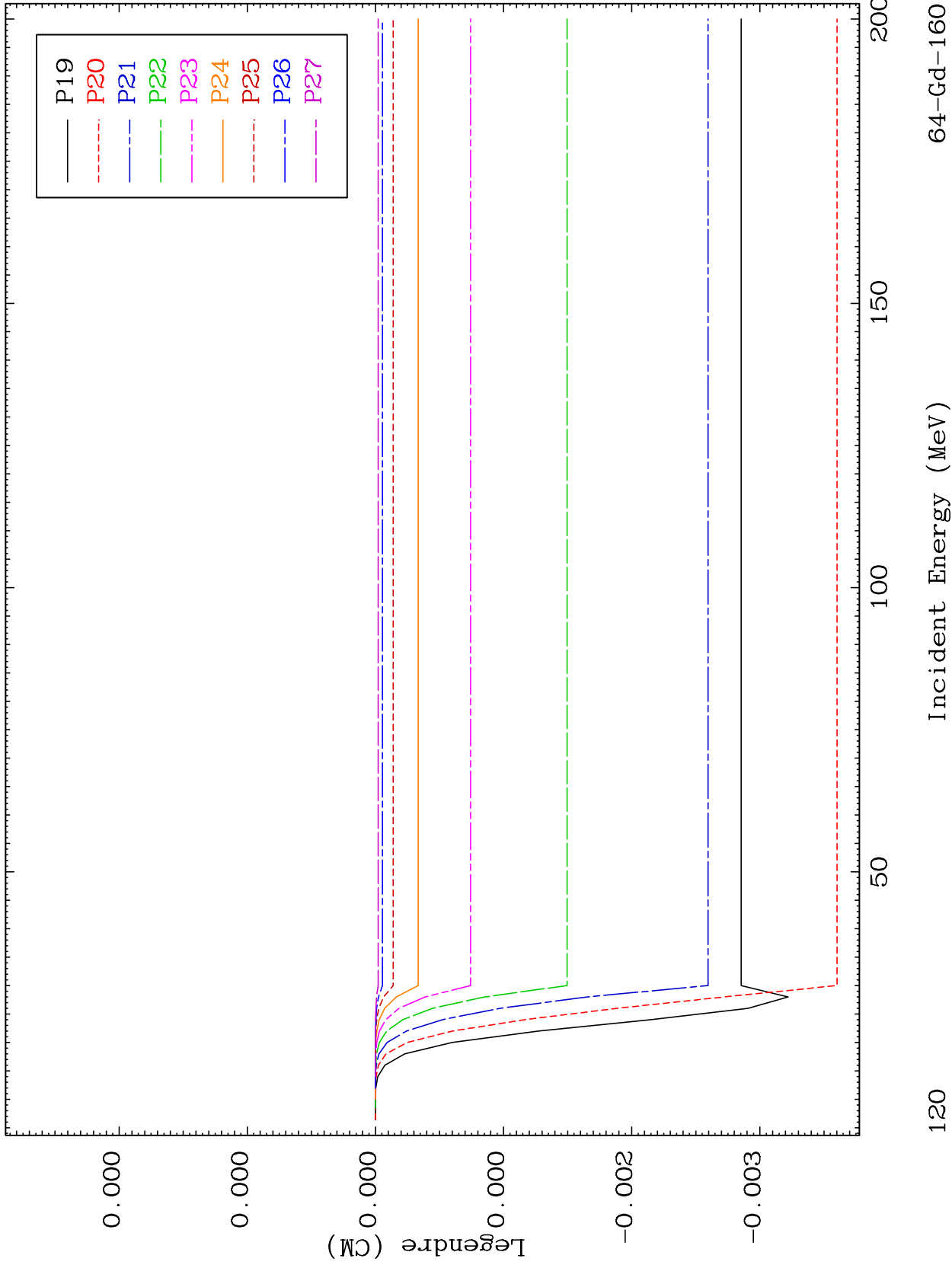
64-Gd-160



MAT 6449

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

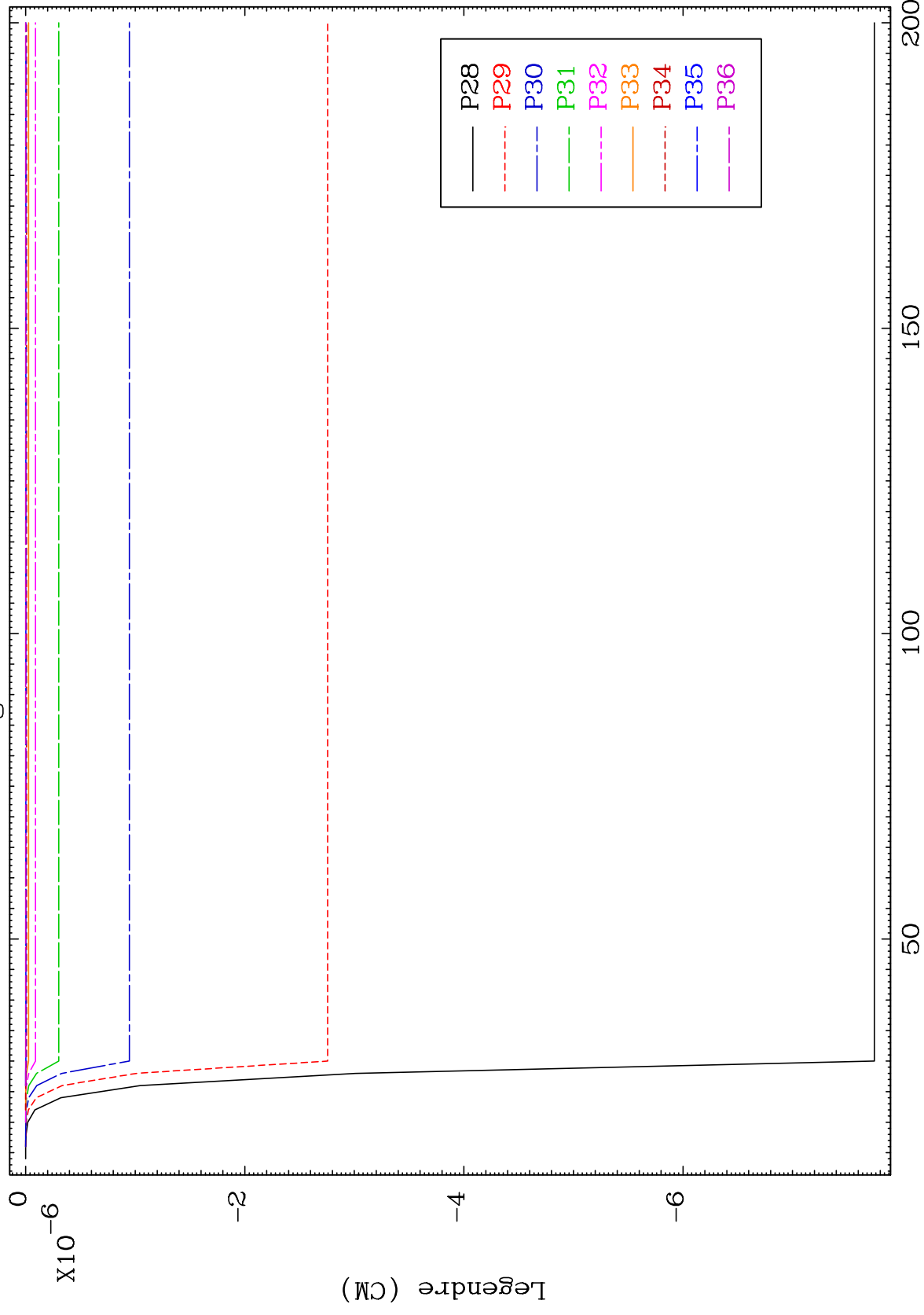
64-Gd-160



MAT 6449

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

64-Gd-160



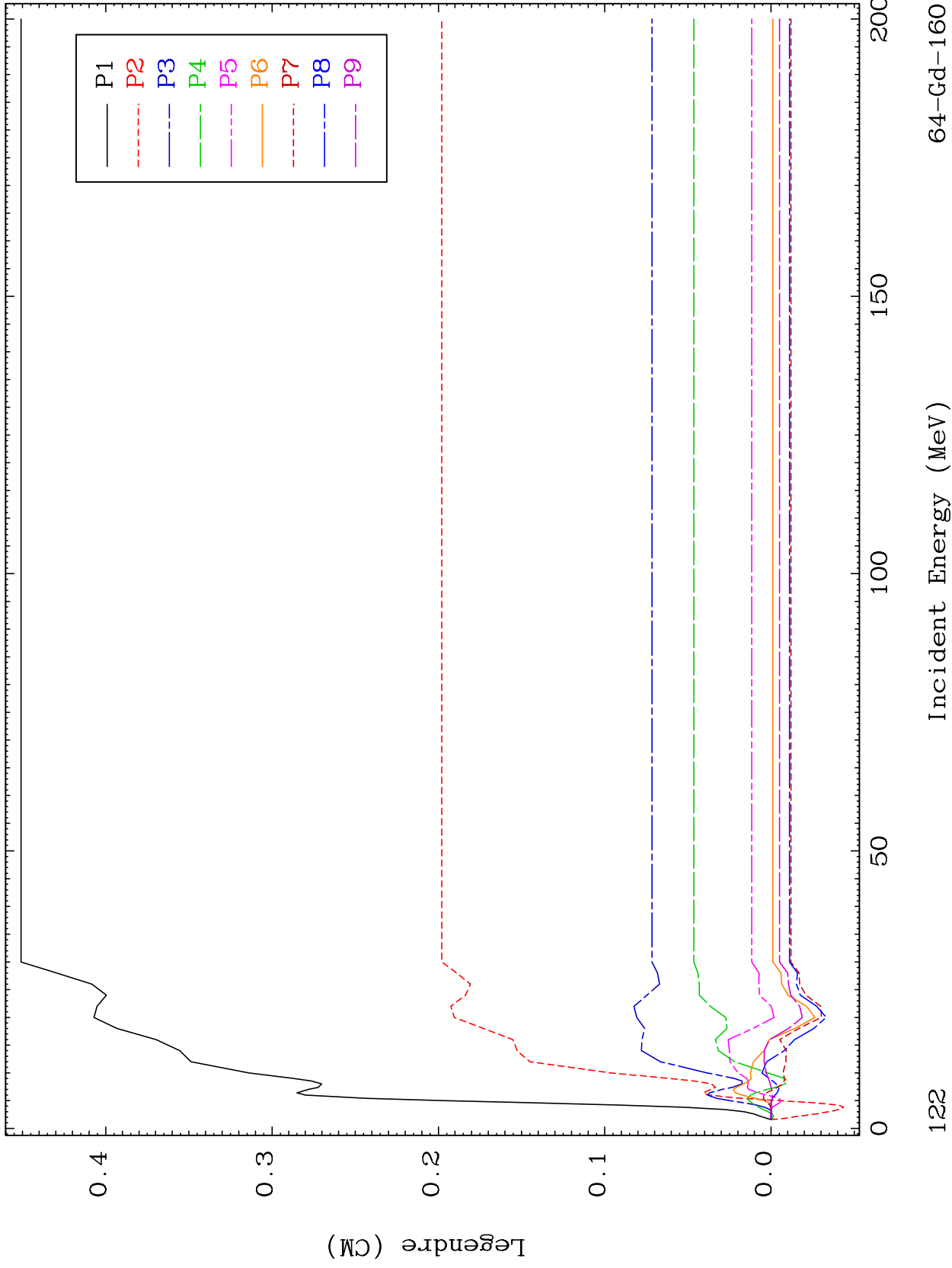
121

64-Gd-160

MAT 6449

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

64-Gd-160



64-Gd-160

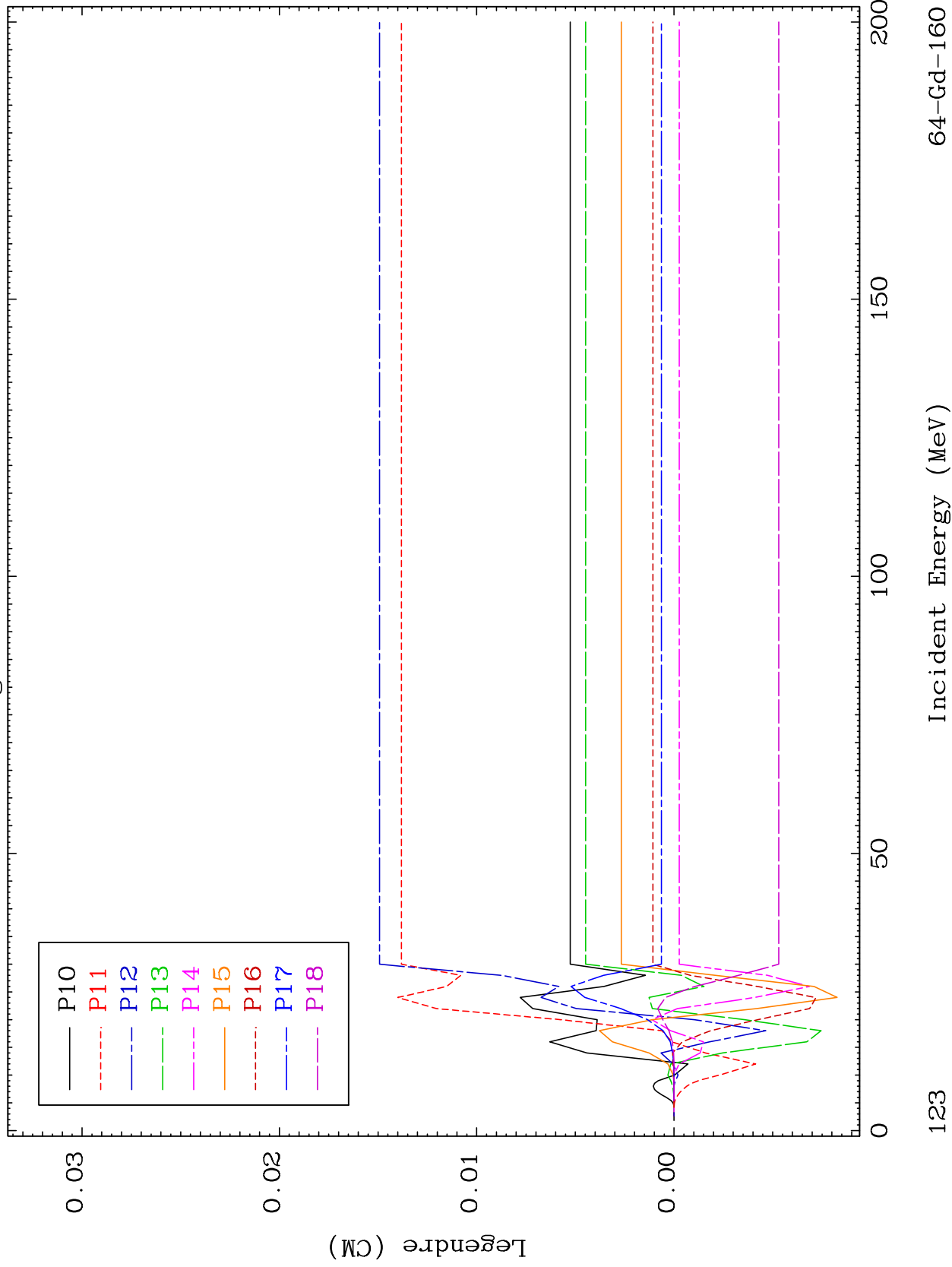
Incident Energy (MeV)

122

MAT 6449

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

64-Gd-160



123

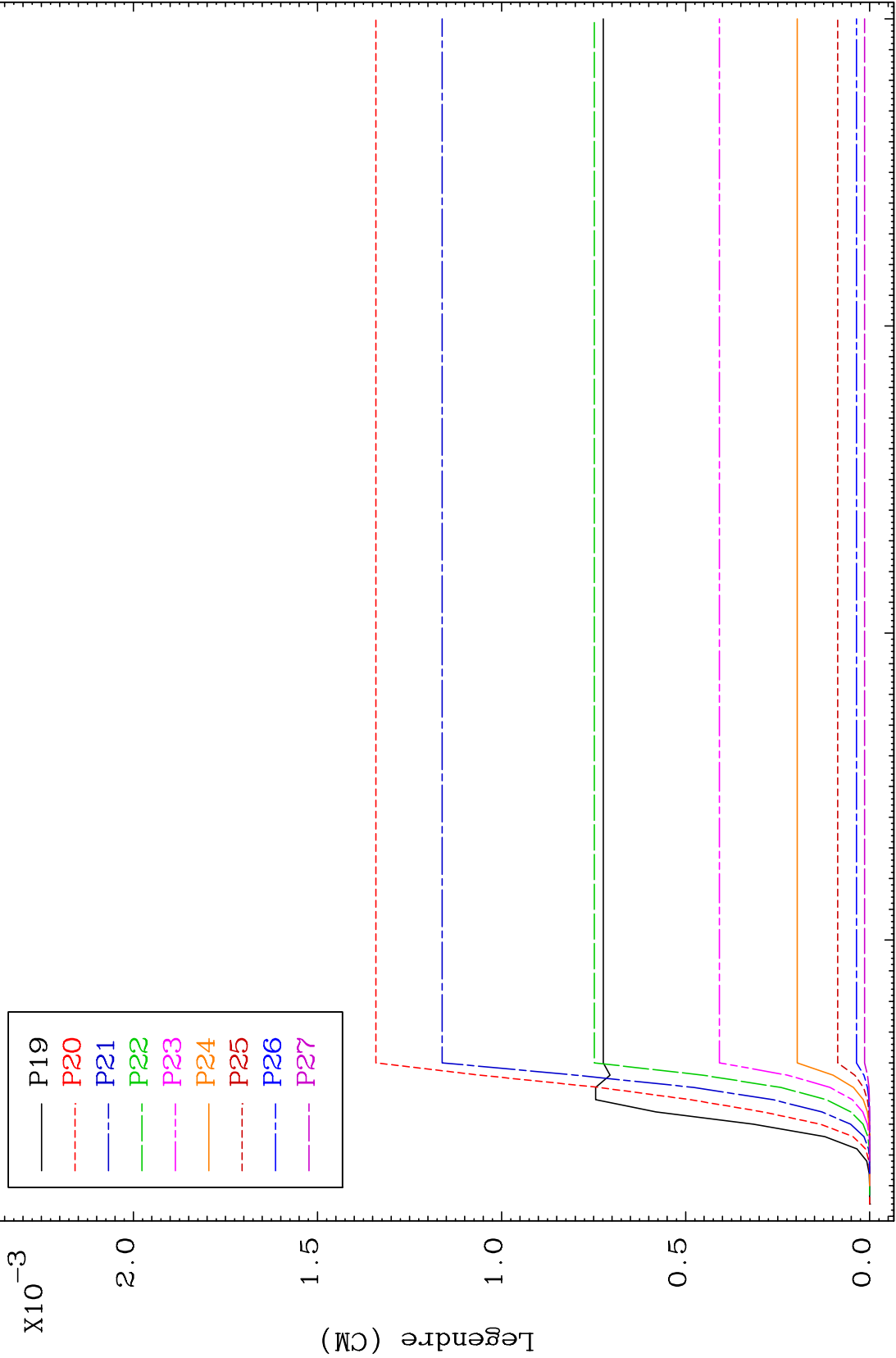
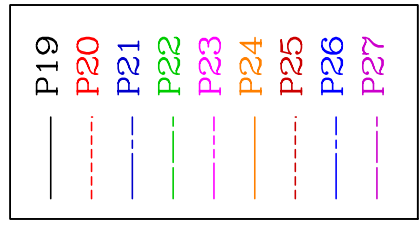
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160



124

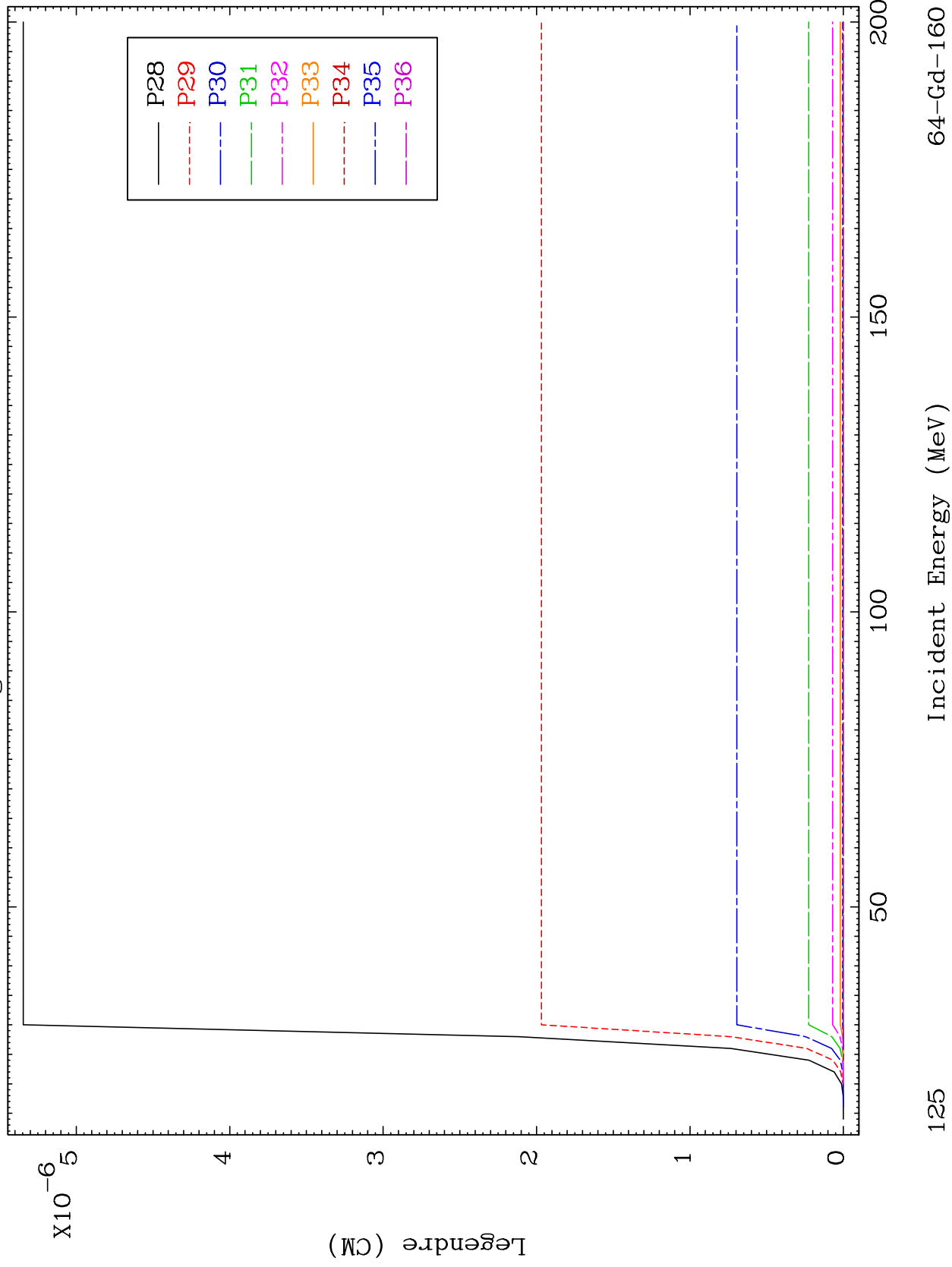
Incident Energy (MeV)

64-Gd-160

MAT 6449

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

64-Gd-160

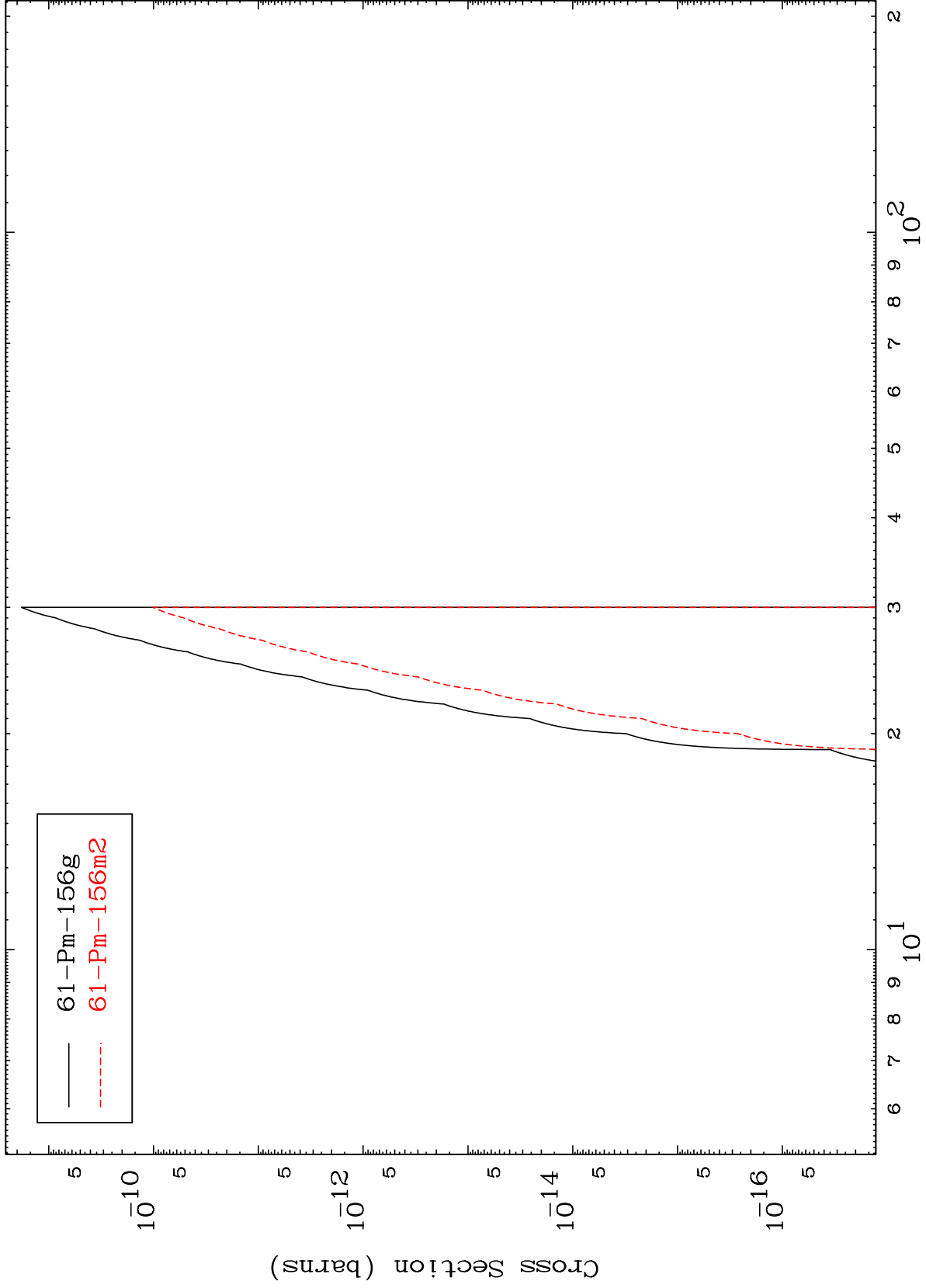


MAT 6449

(n,p) α

64-Gd-160

Radionuclide Production Cross Section



126

Incident Energy (MeV)

64-Gd-160