

Program EVALPLOT
(Version 2021-1)

by

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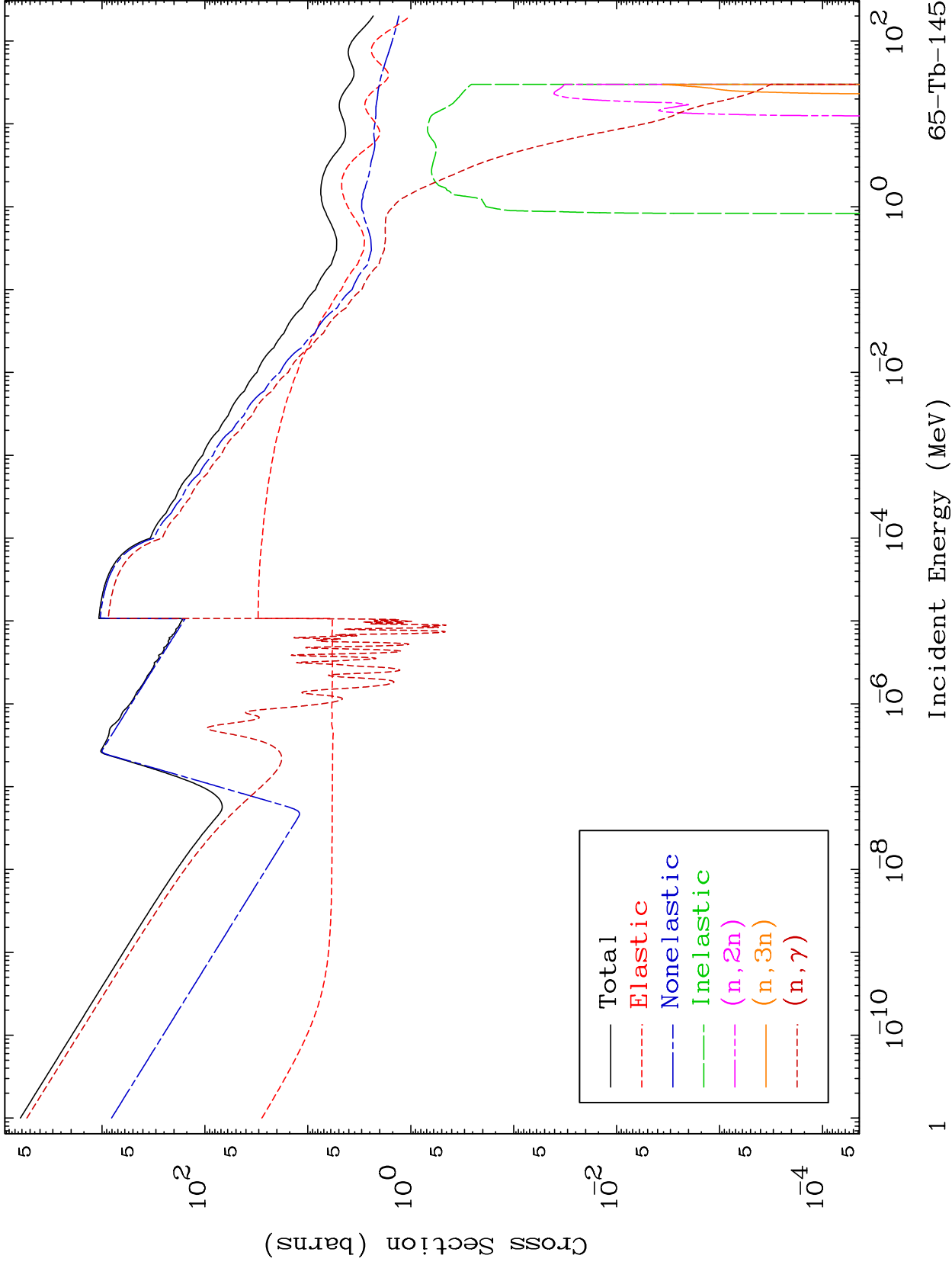
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6483

Neutron Major
293 Kelvin Cross Sections

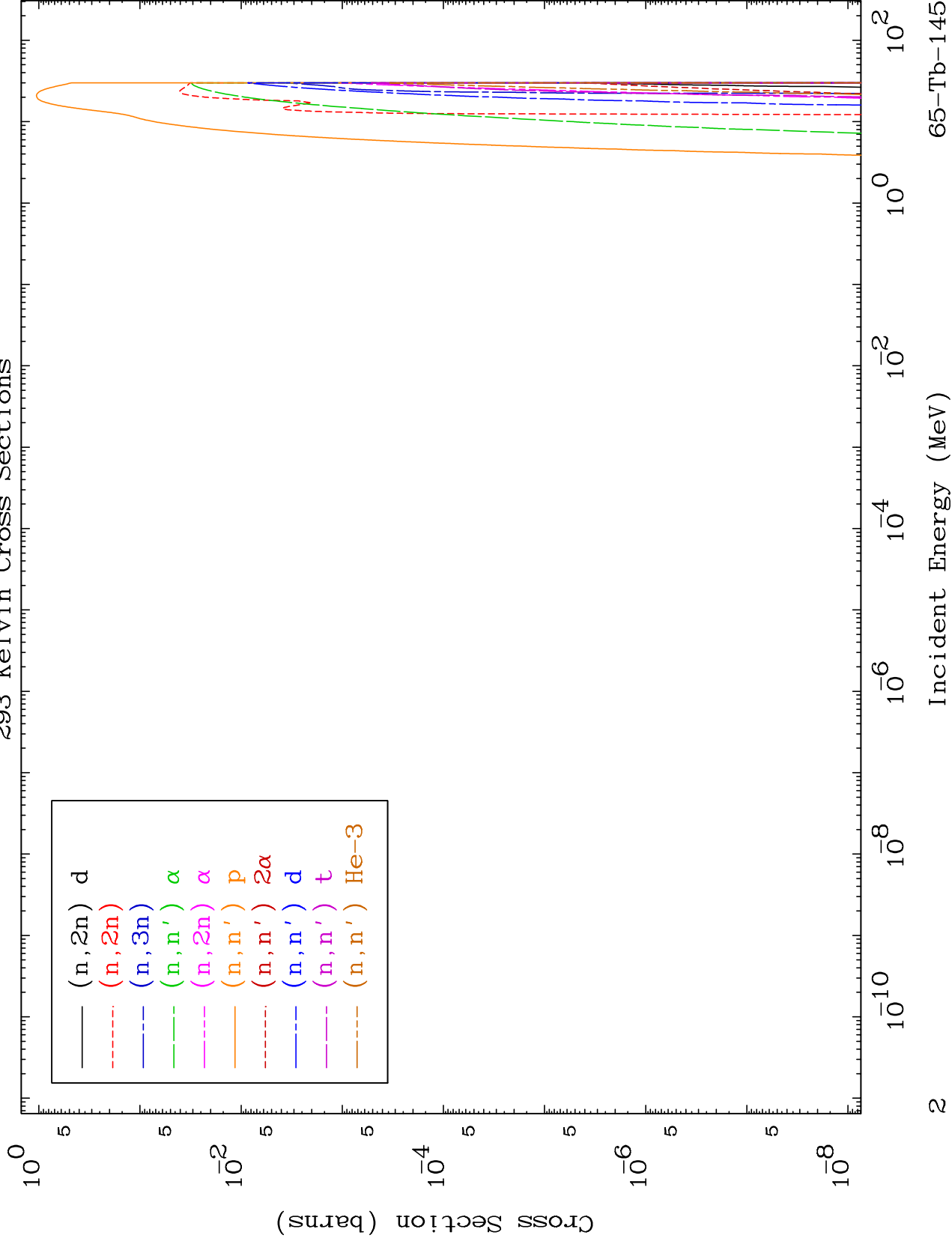
65-Tb-145

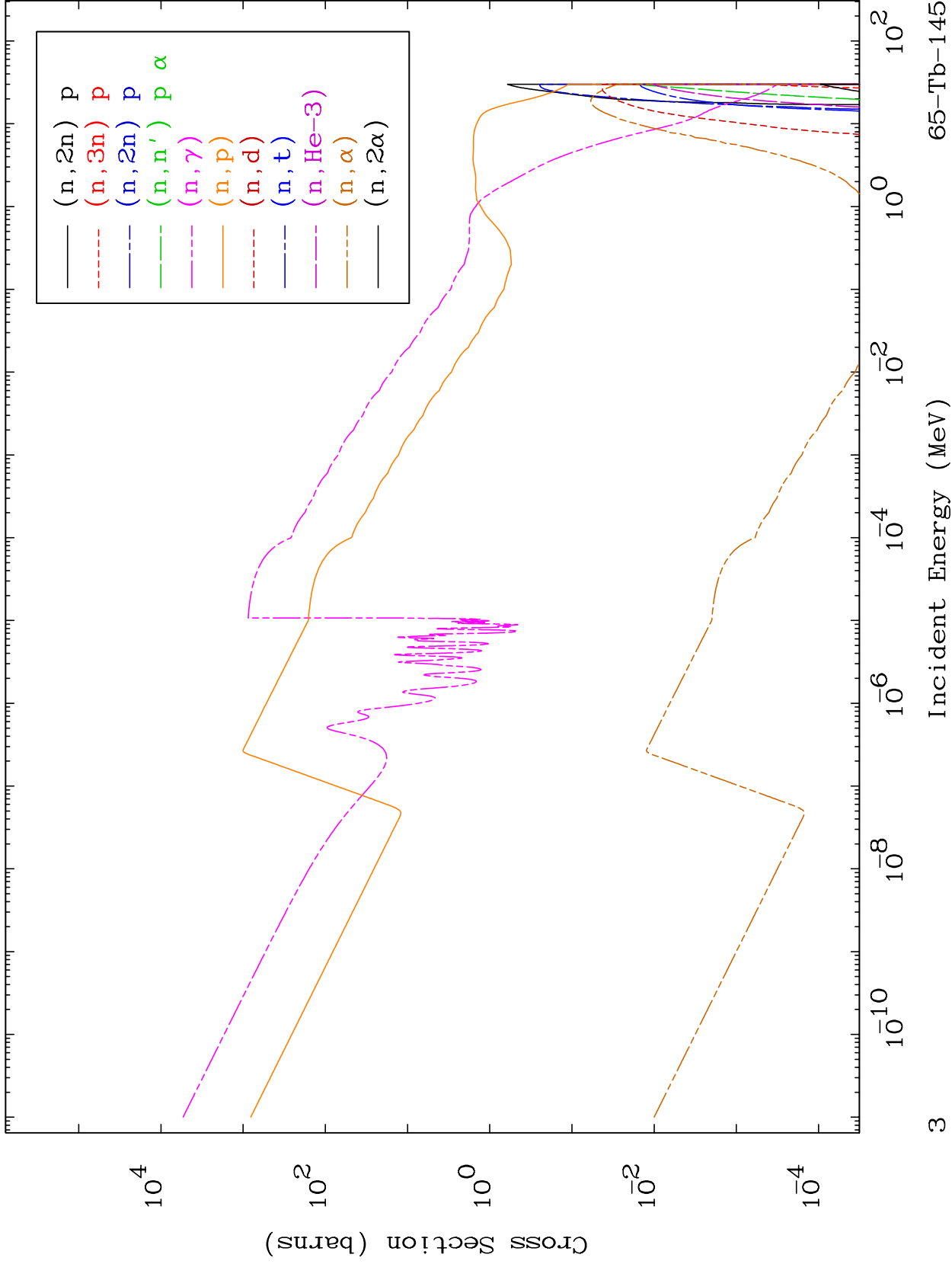


MAT 6483

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-145

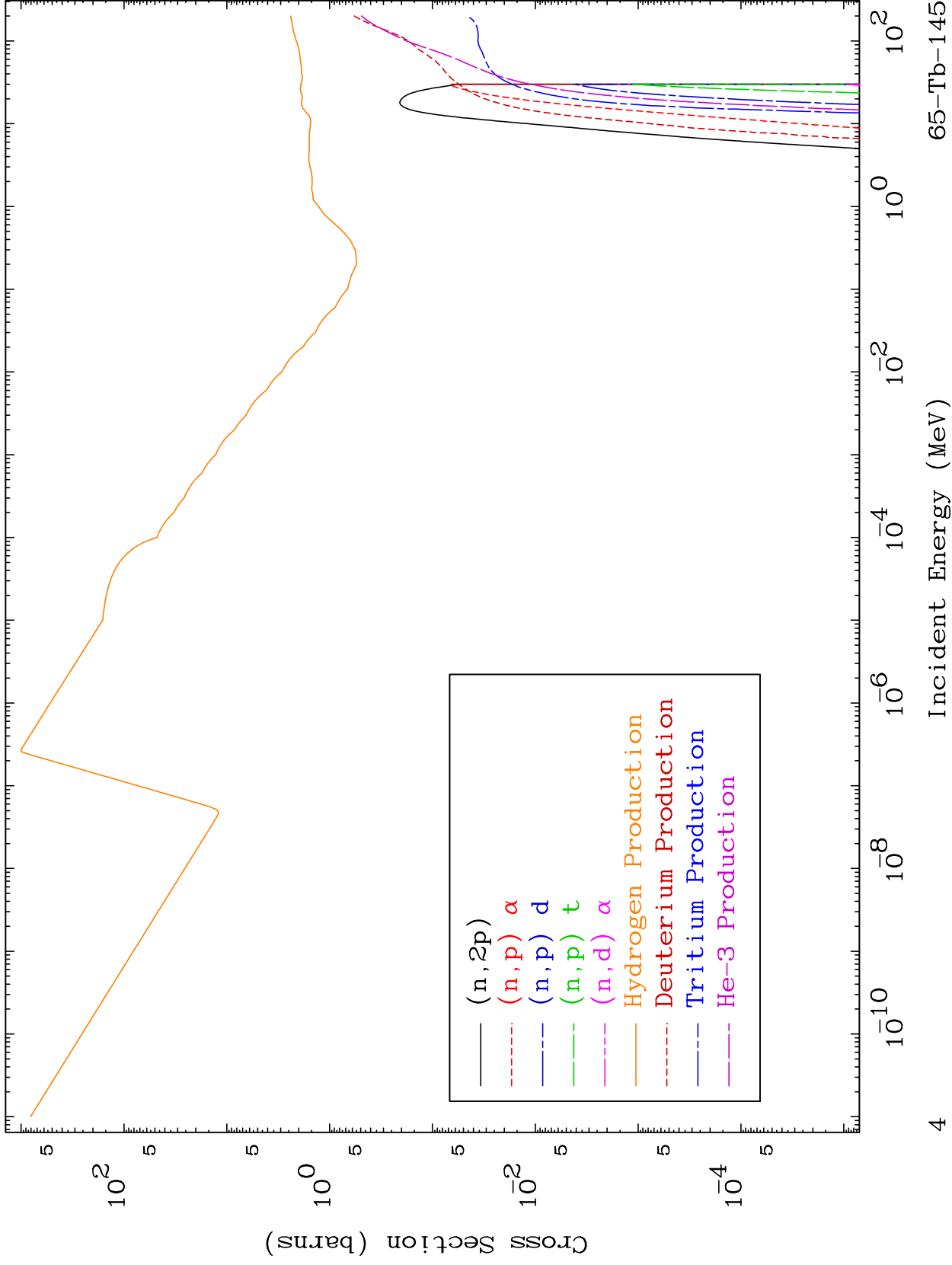




MAT 6483

Neutron Absorption
293 Kelvin Cross Sections

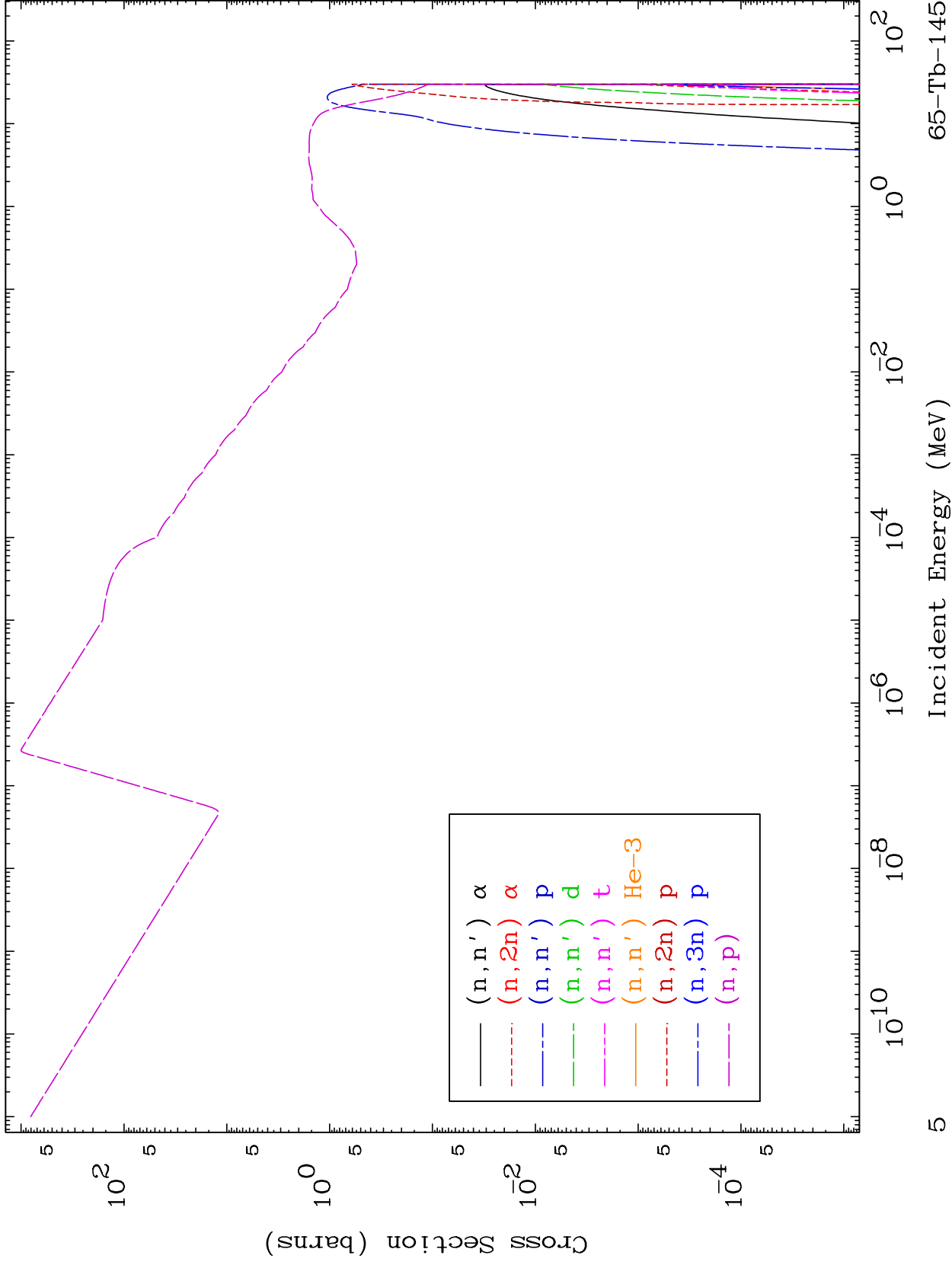
65-Tb-145



MAT 6483

Charged Particle
293 Kelvin Cross Sections

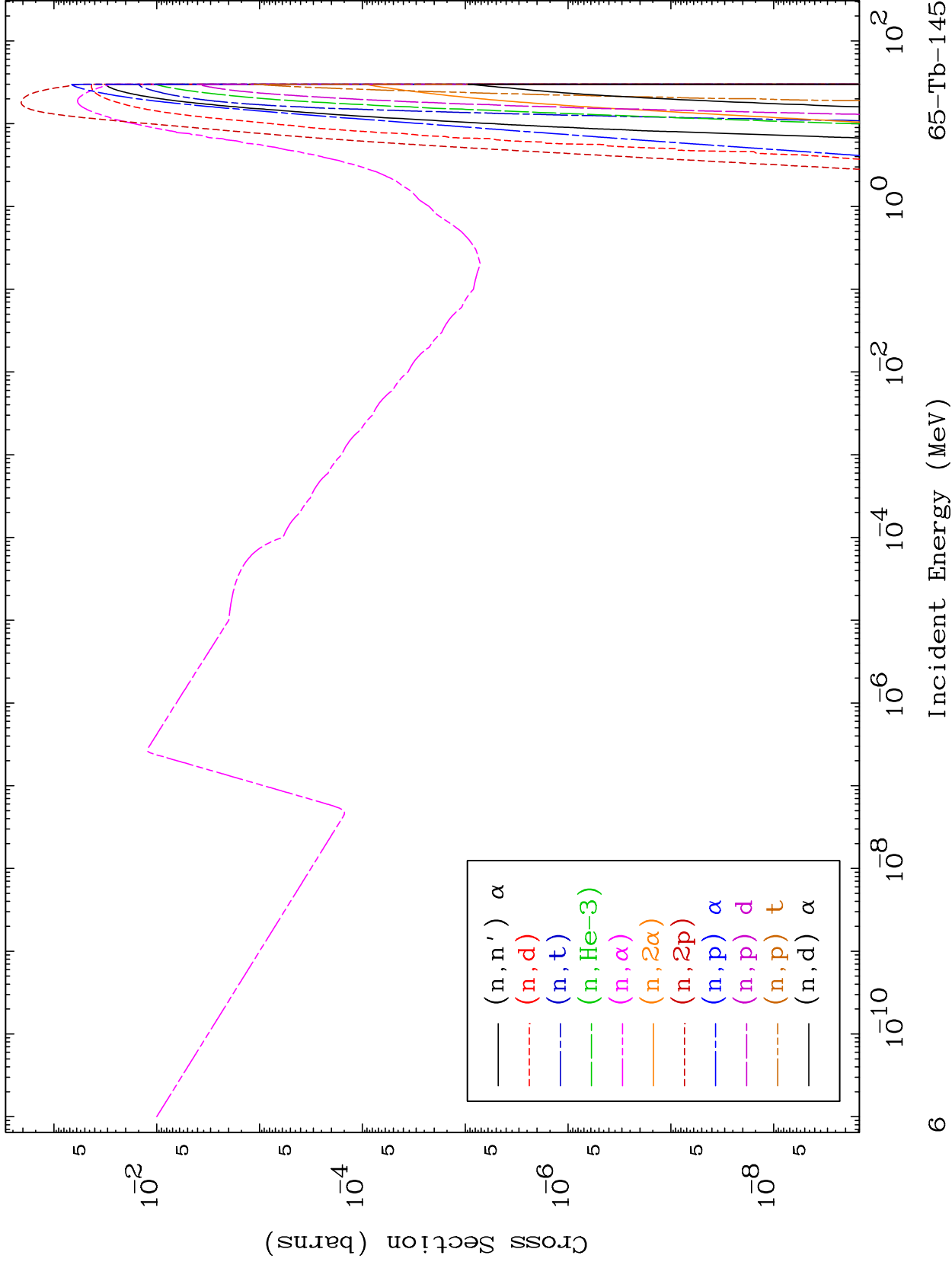
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MAT 6483

Charged Particle
293 Kelvin Cross Sections

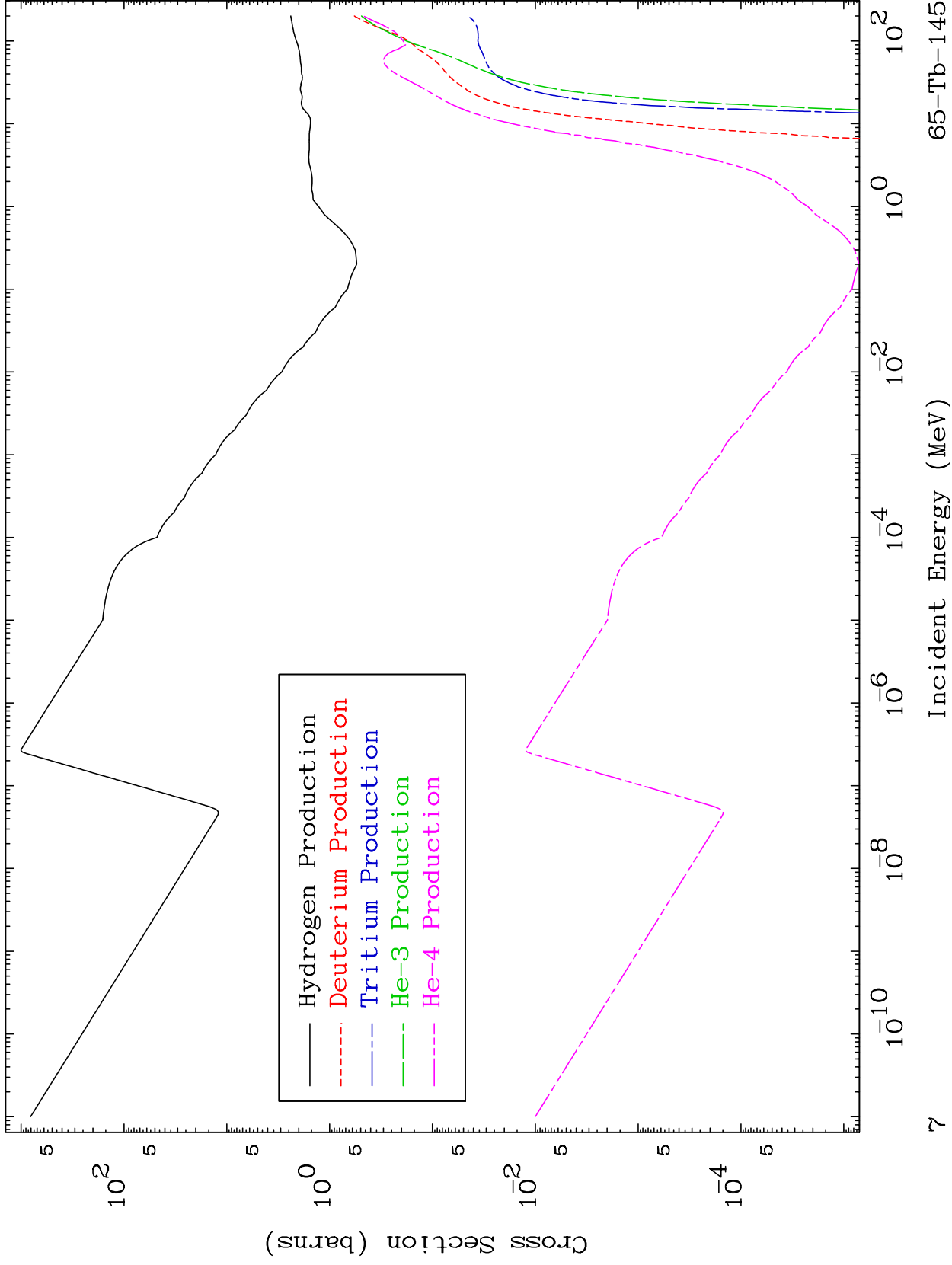
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MAT 6483

Particle Production
293 Kelvin Cross Sections

65-Tb-145

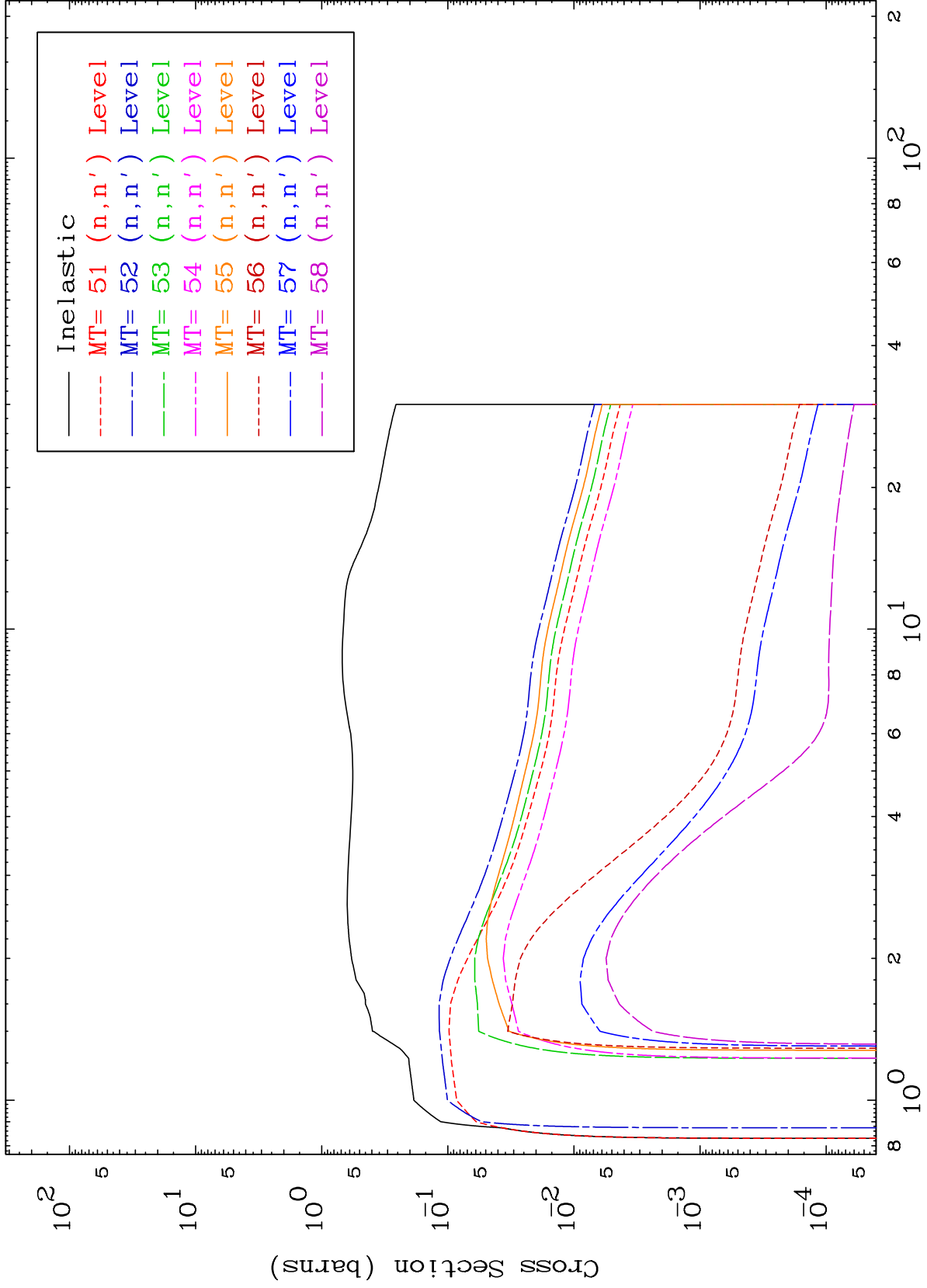


MAT 6483

(n,n') Levels

65-Tb-145

293 Kelvin Cross Sections



Incident Energy (MeV)

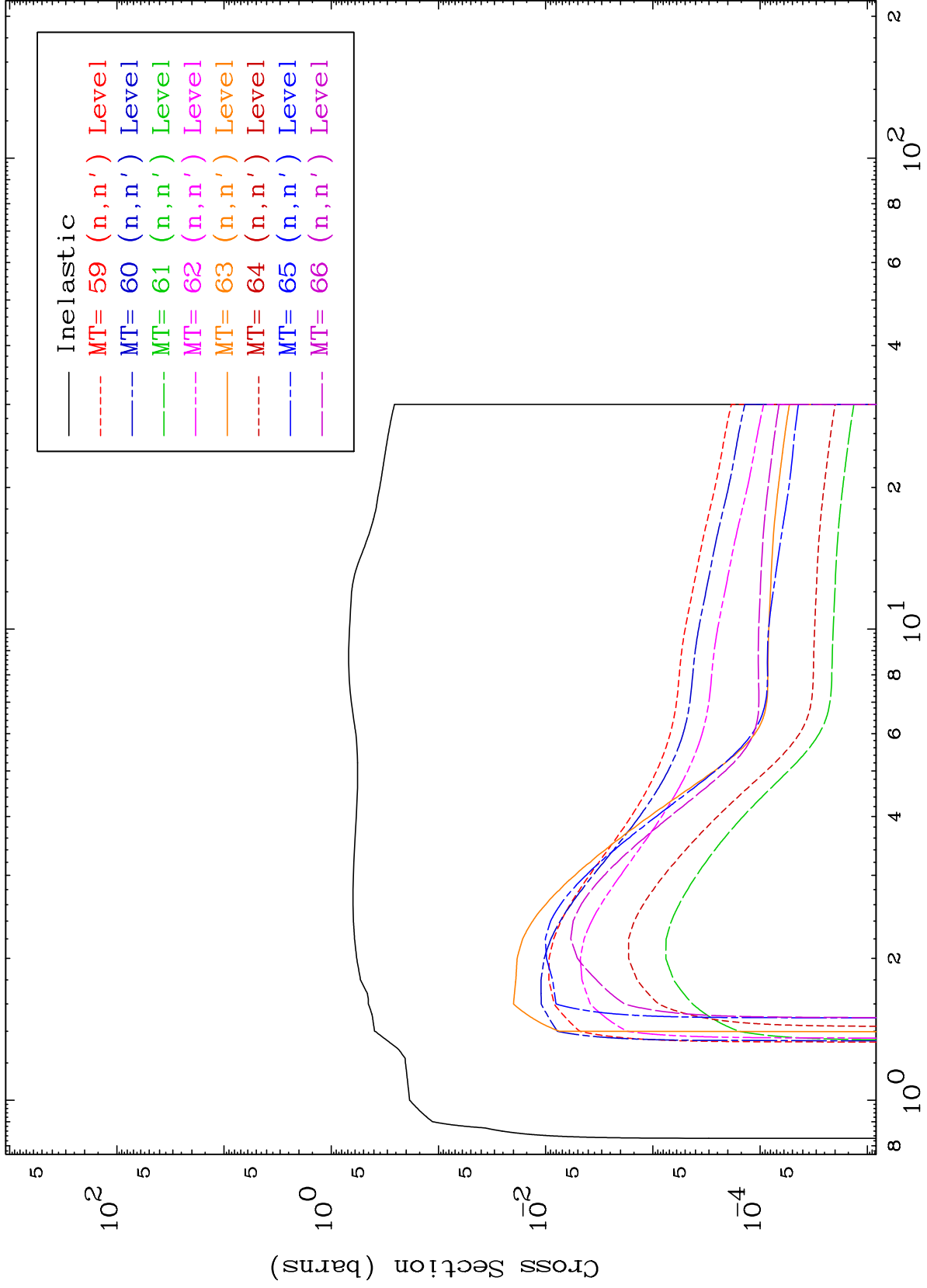
65-Tb-145

MAT 6483

(n,n') Levels

65-Tb-145

293 Kelvin Cross Sections



Incident Energy (MeV)

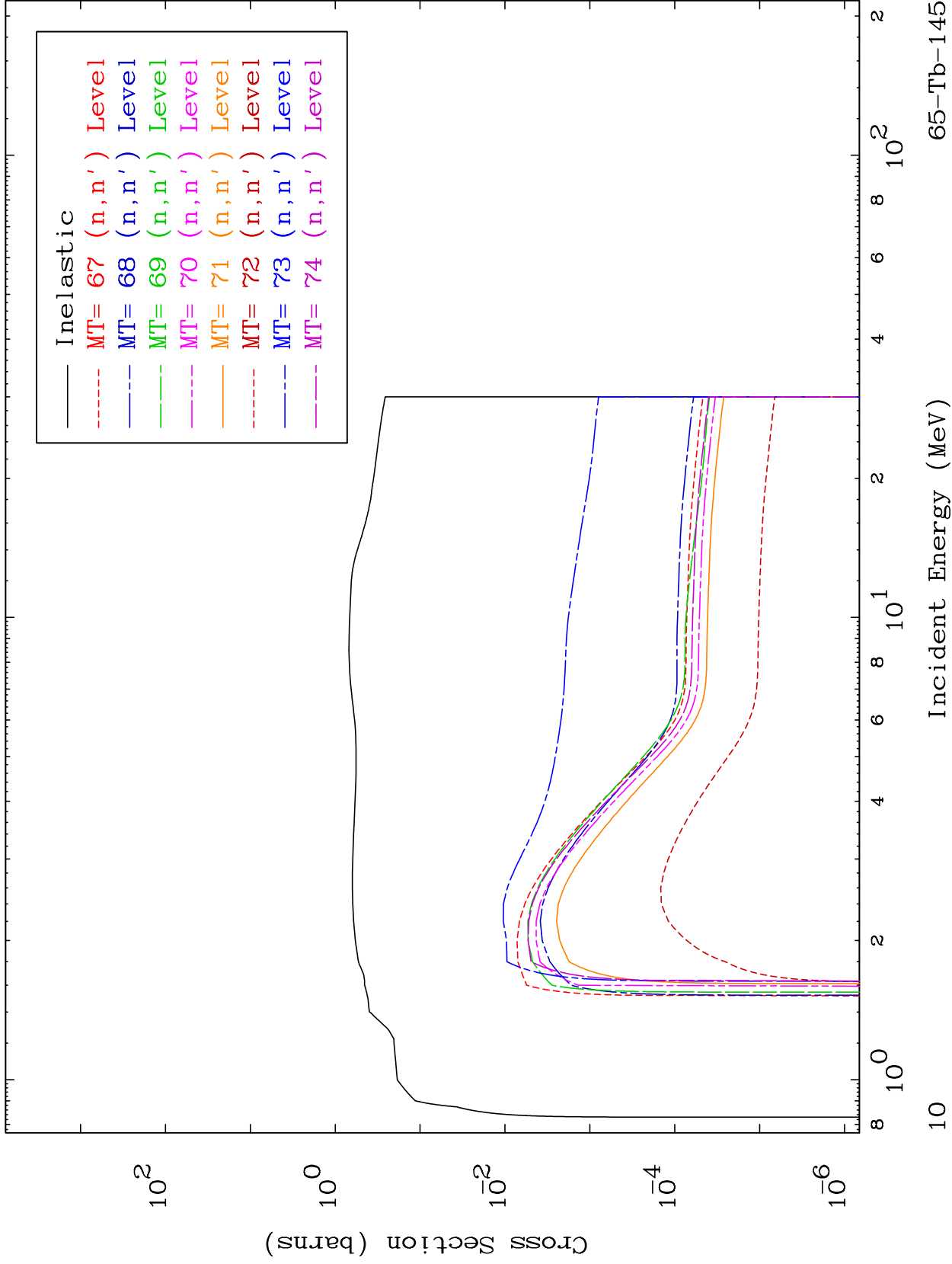
65-Tb-145

MAT 6483

(n,n') Levels

65-Tb-145

293 Kelvin Cross Sections

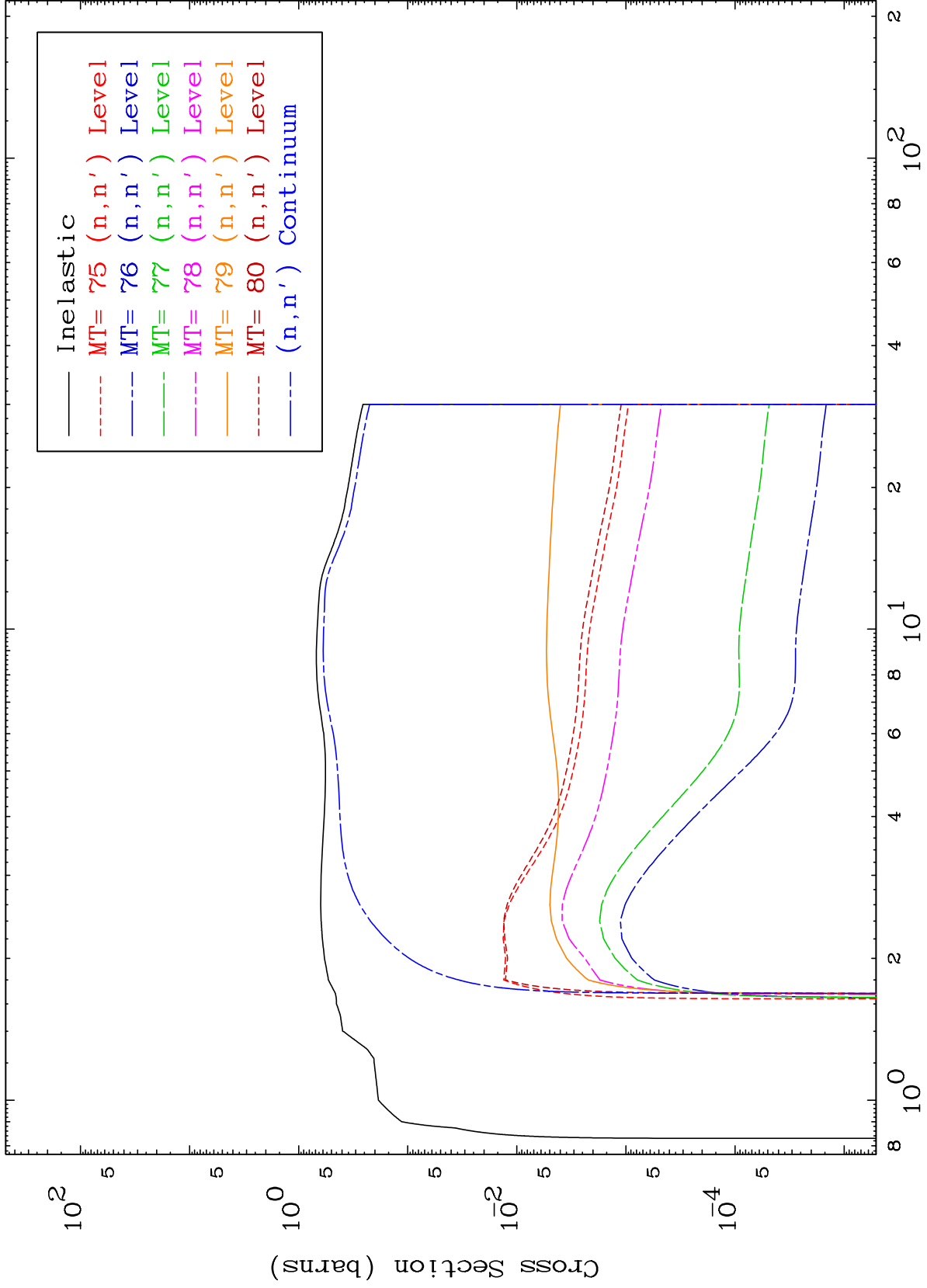


MAT 6483

(n,n') Levels

65-Tb-145

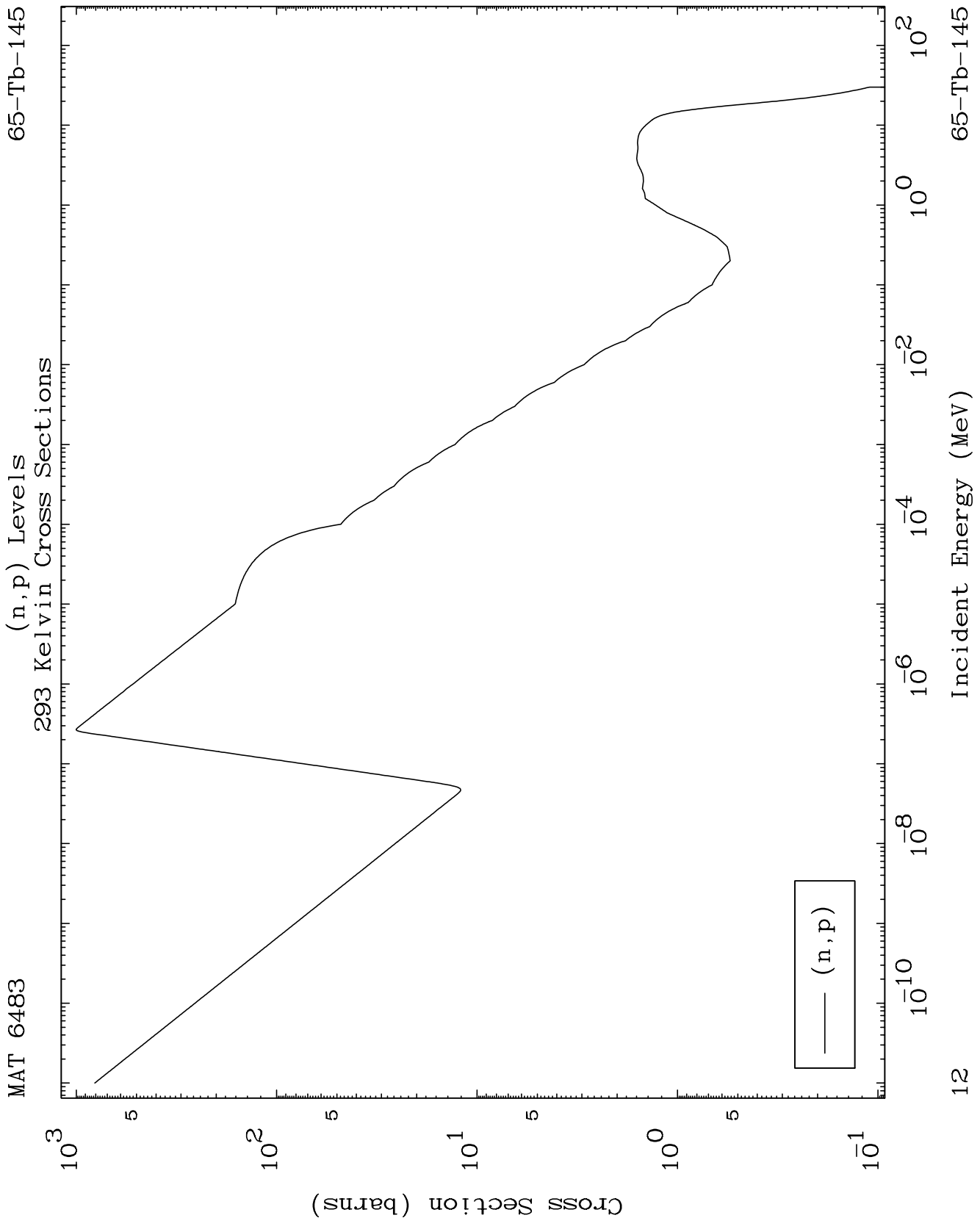
293 Kelvin Cross Sections



11

Incident Energy (MeV)

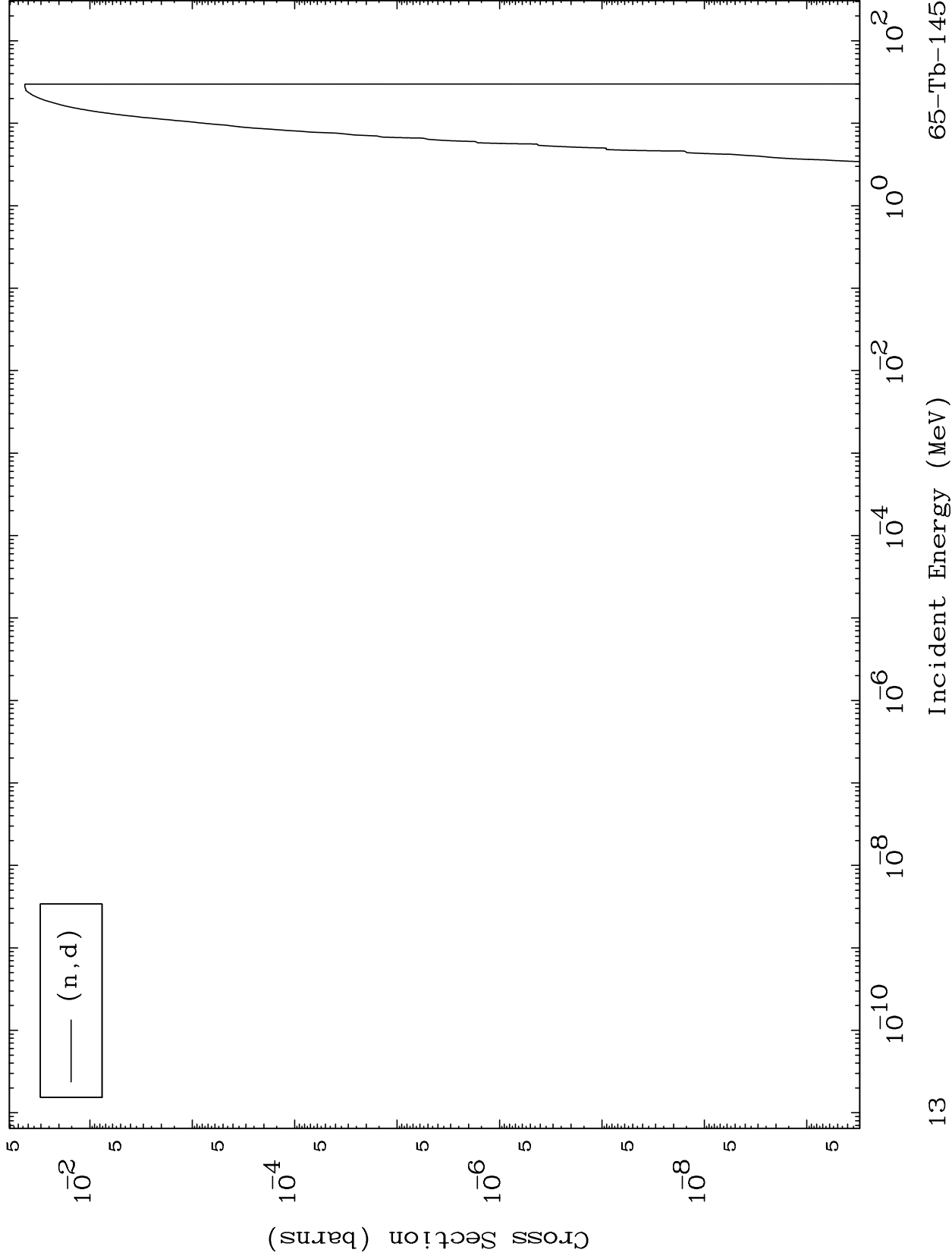
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MAT 6483

(n,d) Levels
293 Kelvin Cross Sections

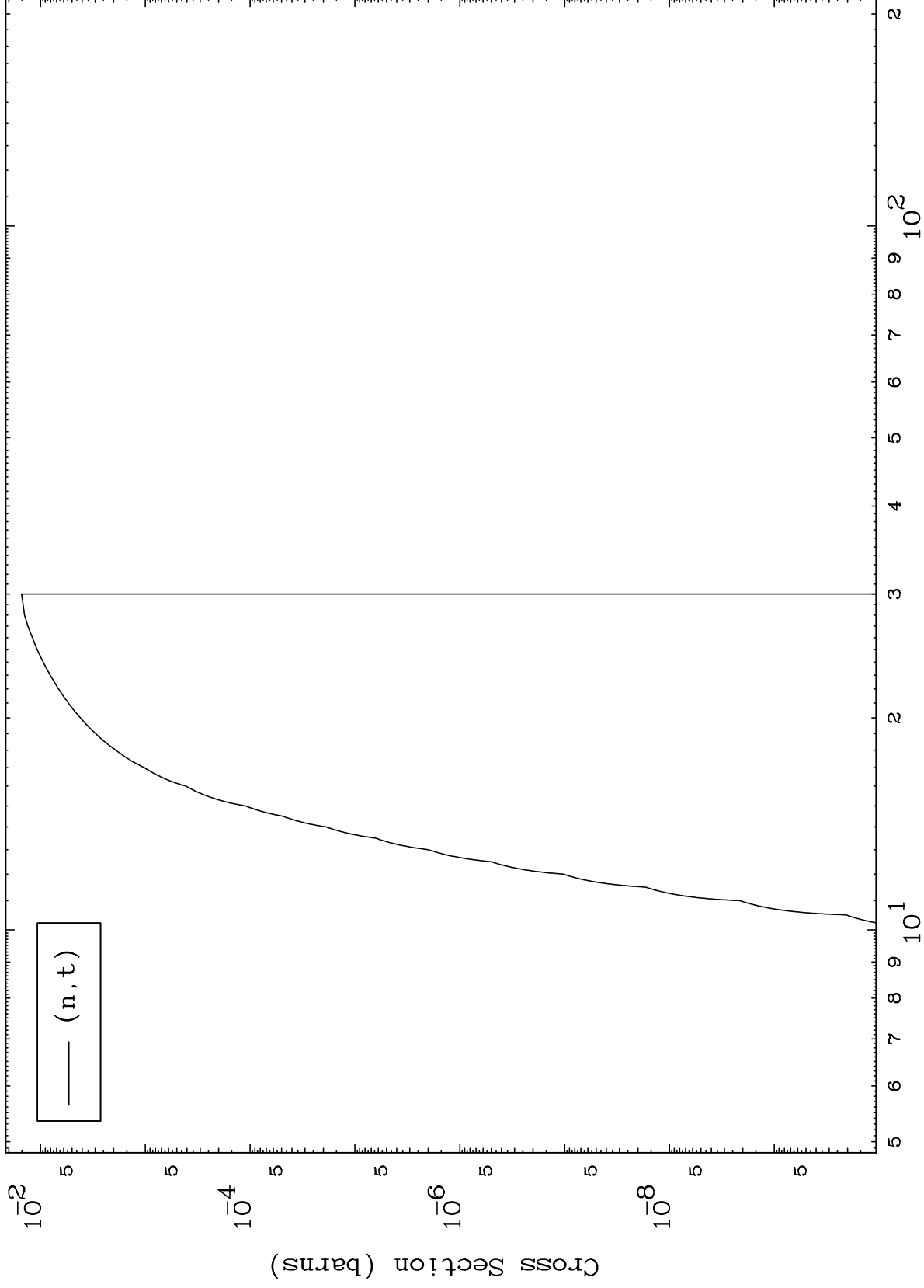
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MAT 6483

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-145



14

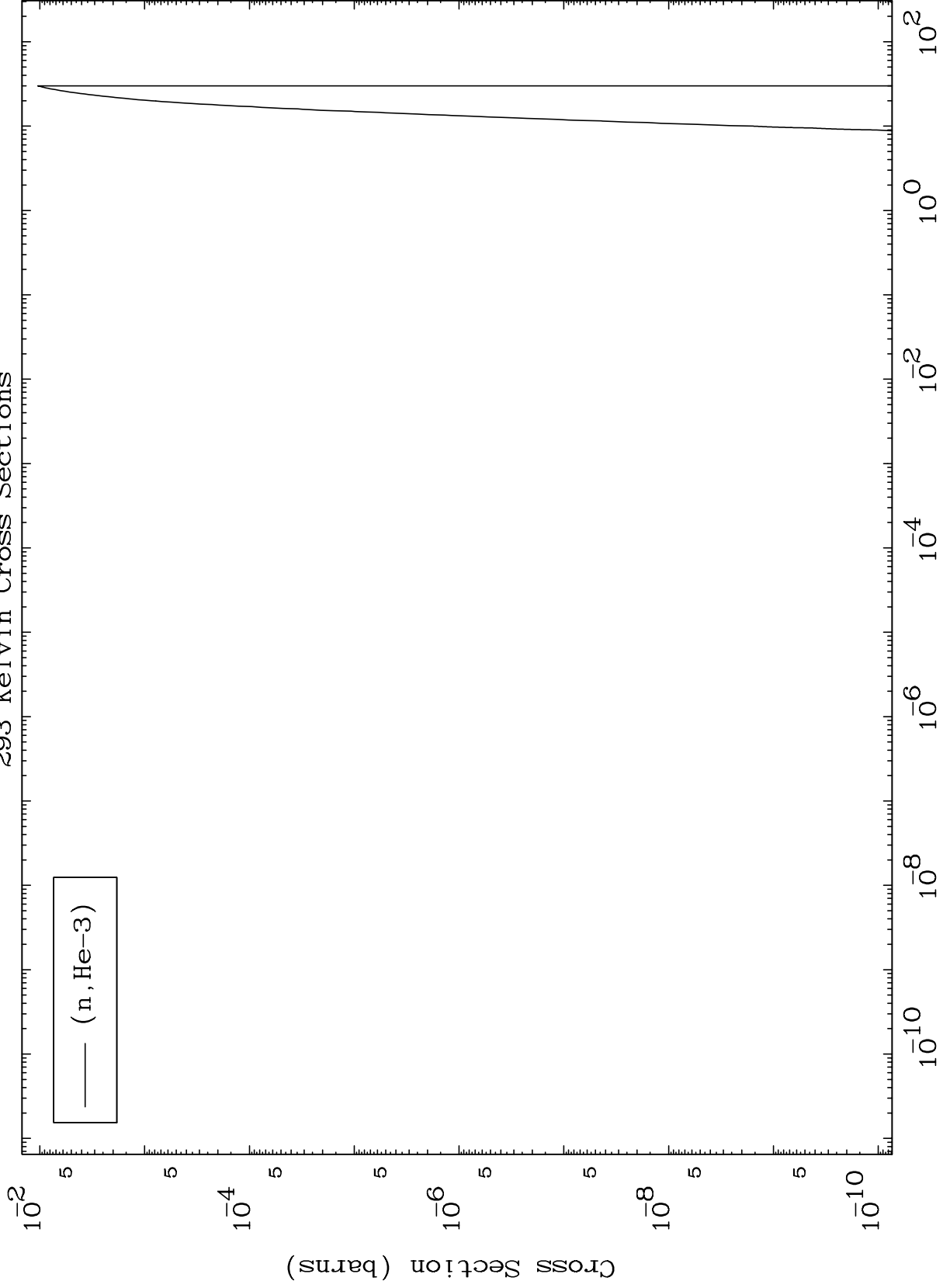
Incident Energy (MeV)

65-Tb-145

MAT 6483

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-145

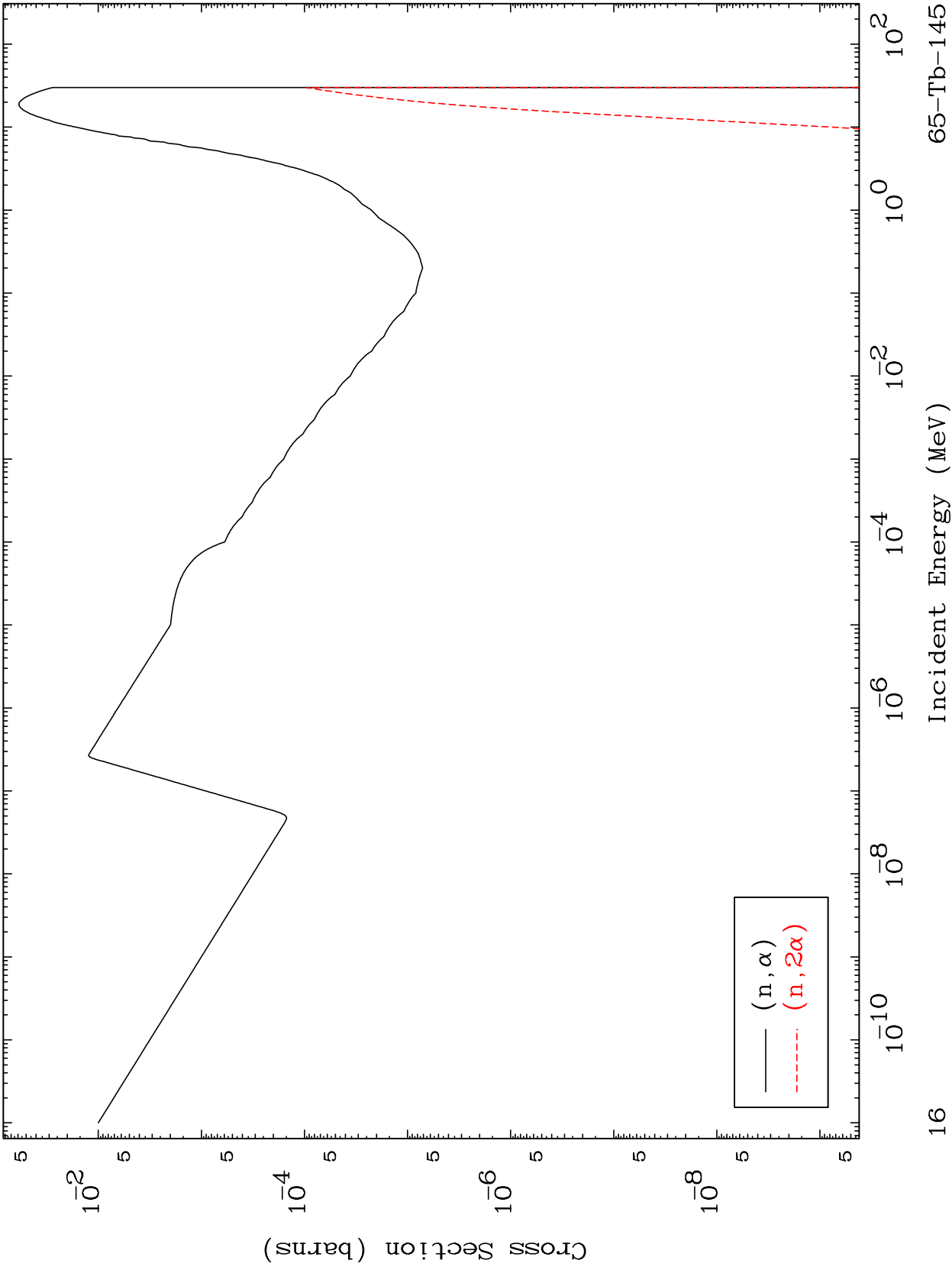


(n, He-3)

MAT 6483

(n, α) Levels
293 Kelvin Cross Sections

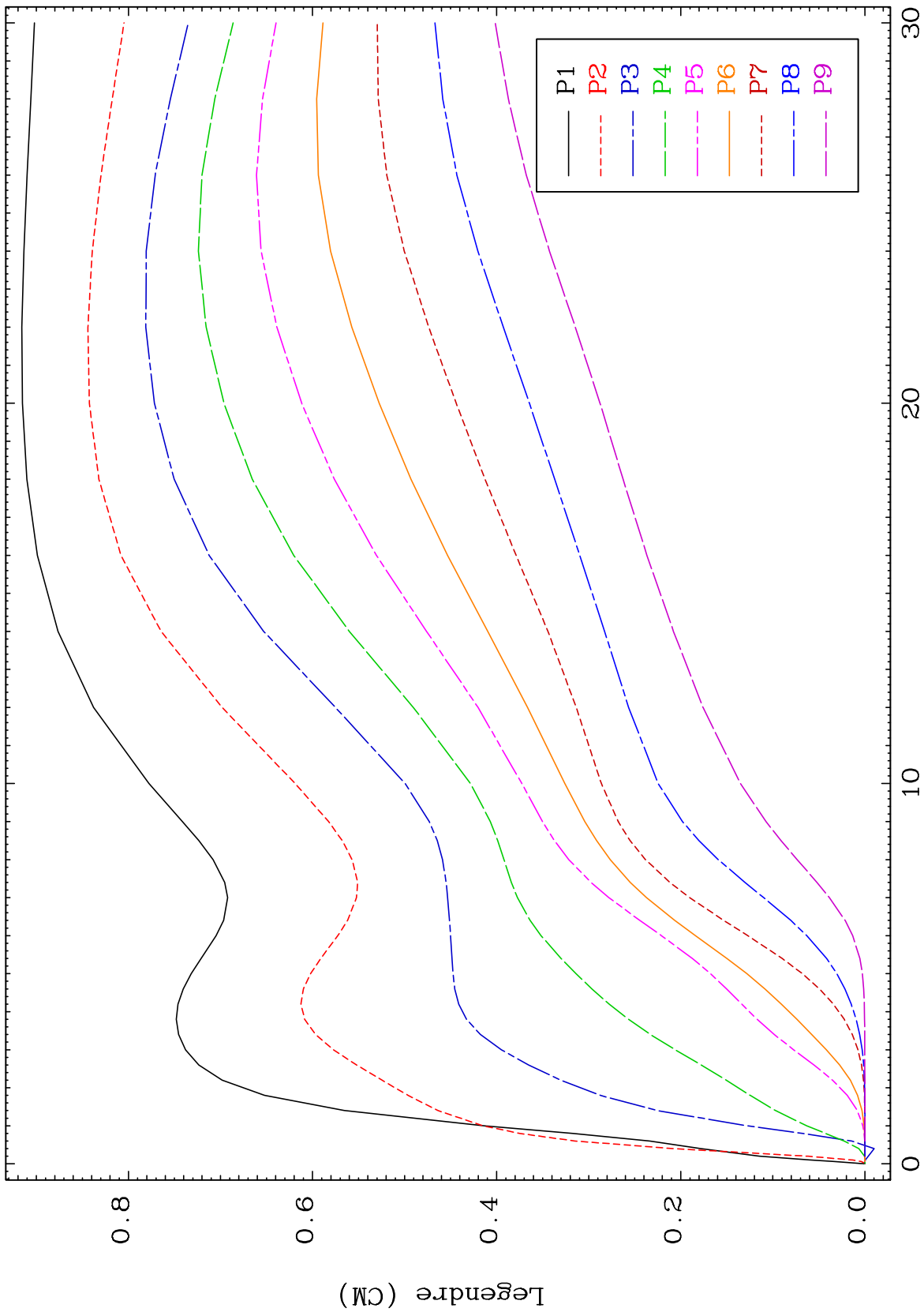
65-Tb-145



MAT 6483

Elastic Legendre Coefficients

65-Tb-145



17

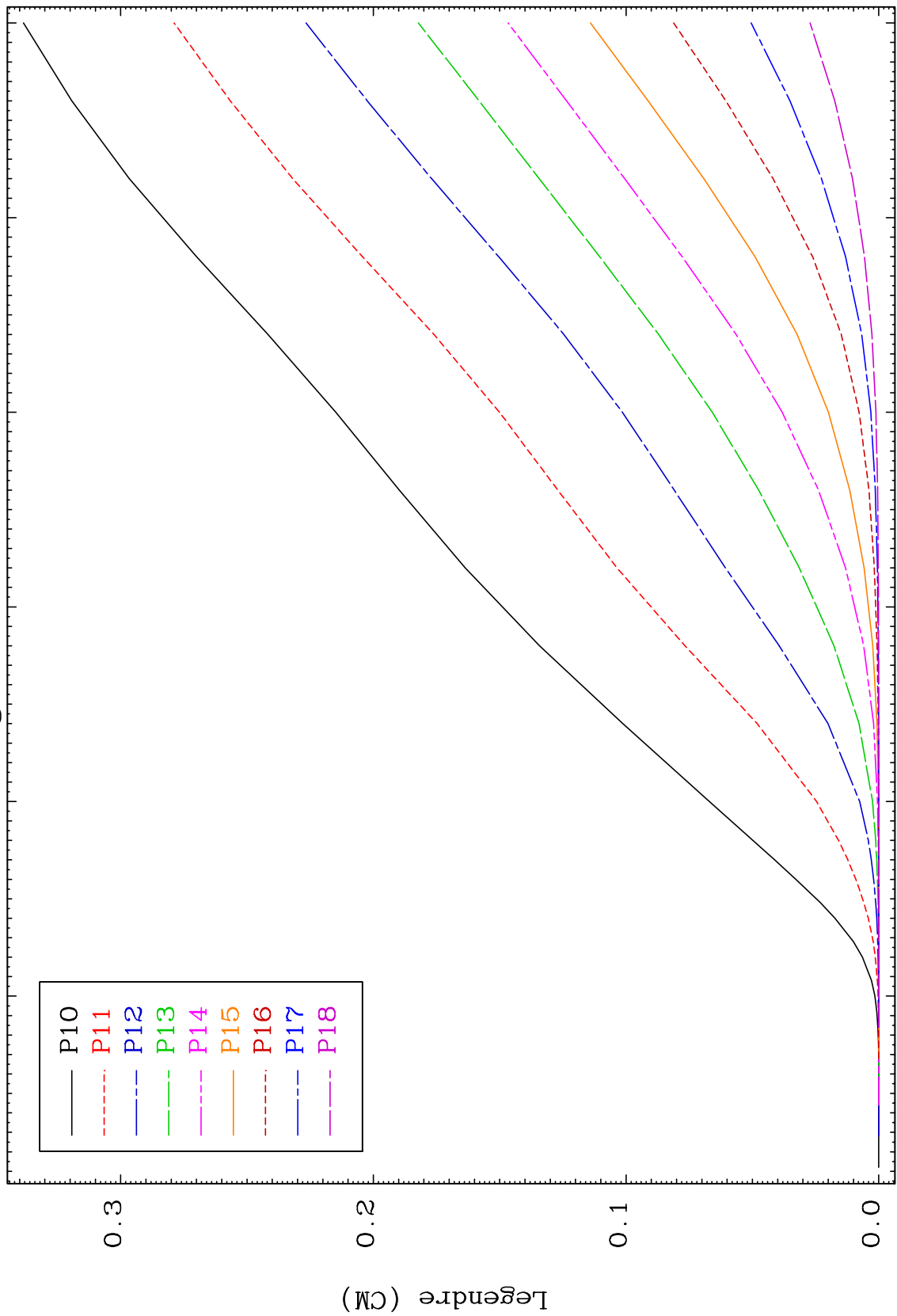
Incident Energy (MeV)

65-Tb-145

MAT 6483

Elastic Legendre Coefficients

65-Tb-145



18

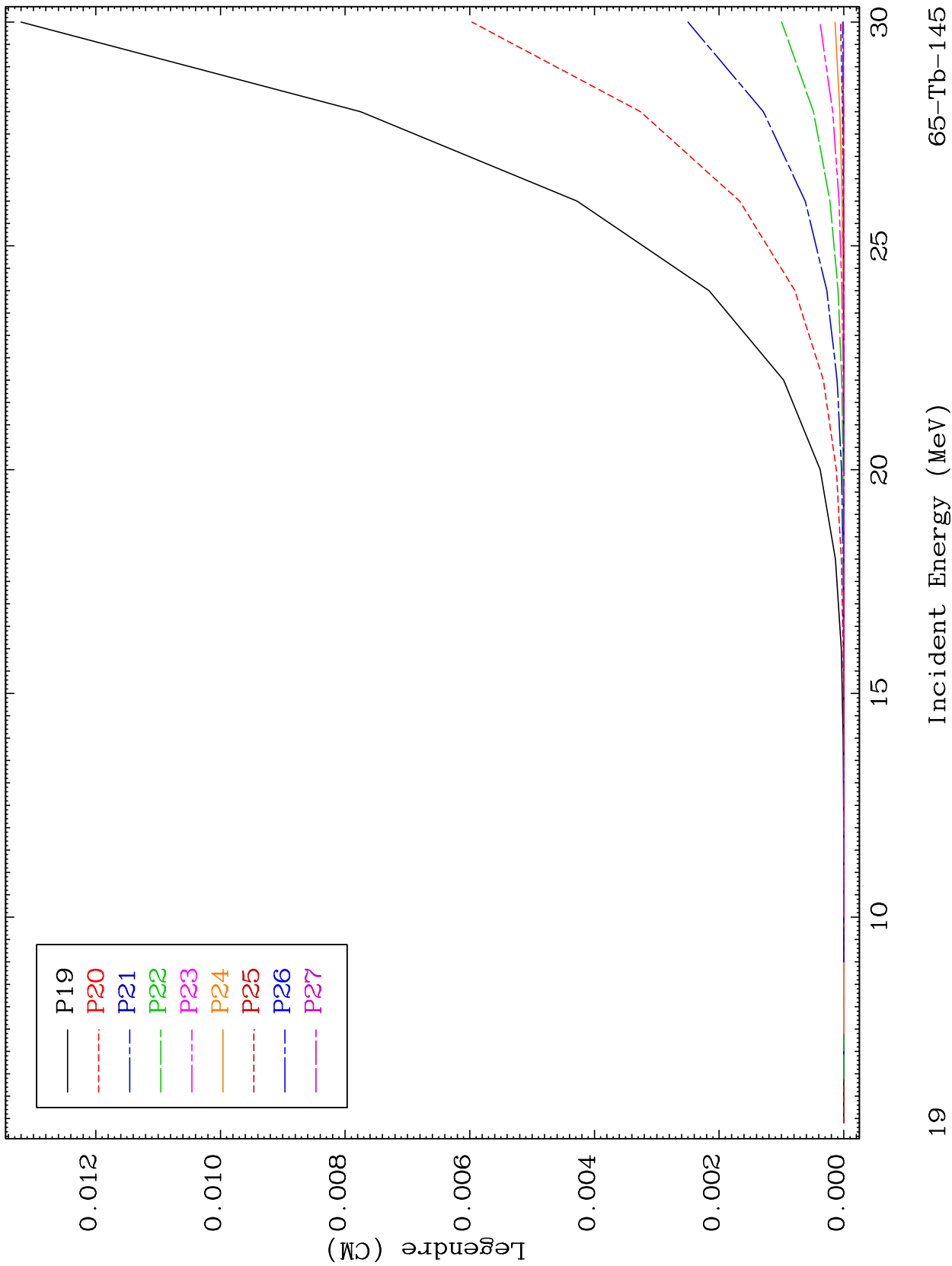
Incident Energy (MeV)

65-Tb-145

MAT 6483

Elastic Legendre Coefficients

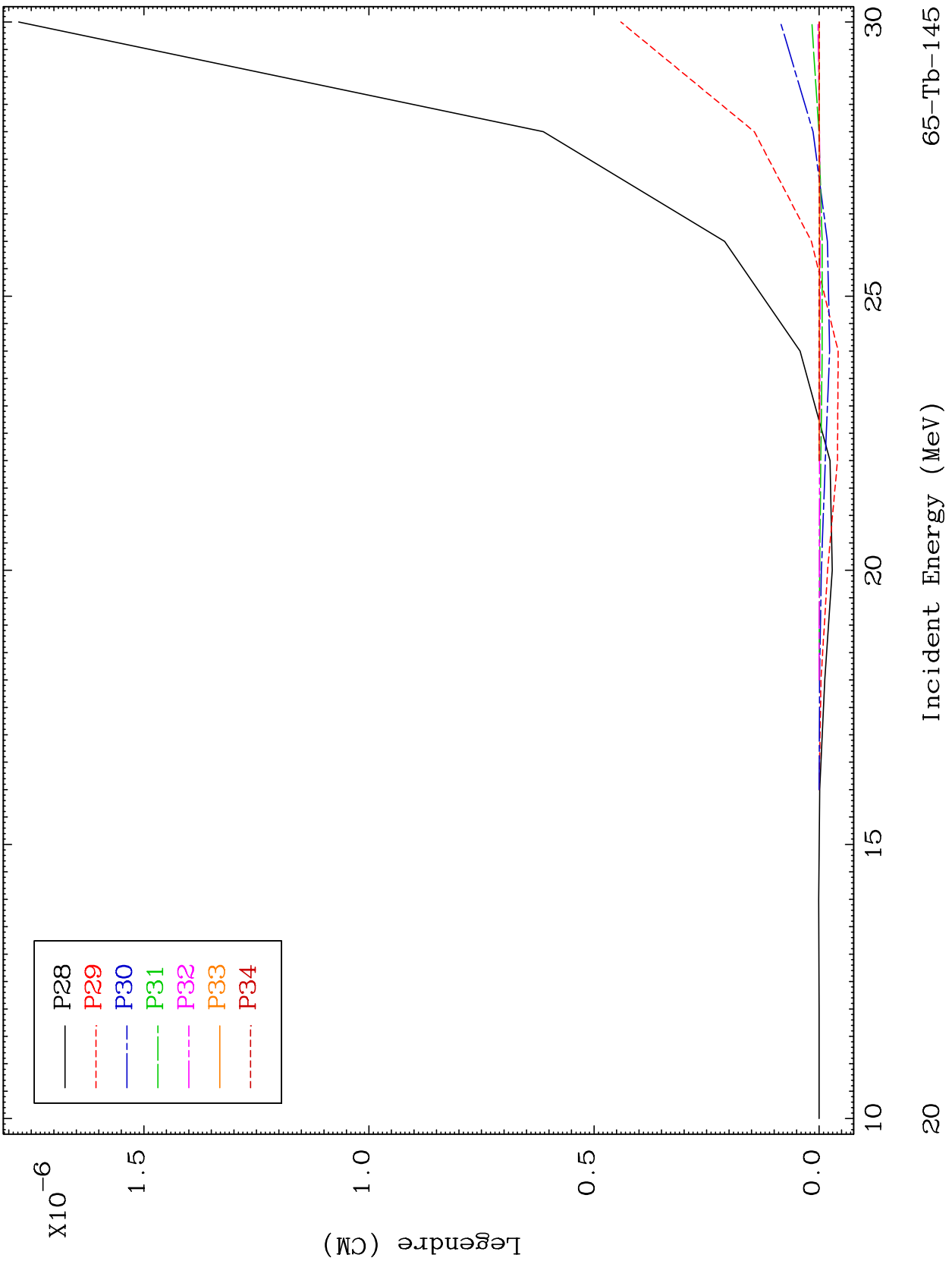
65-Tb-145



MAT 6483

Elastic Legendre Coefficients

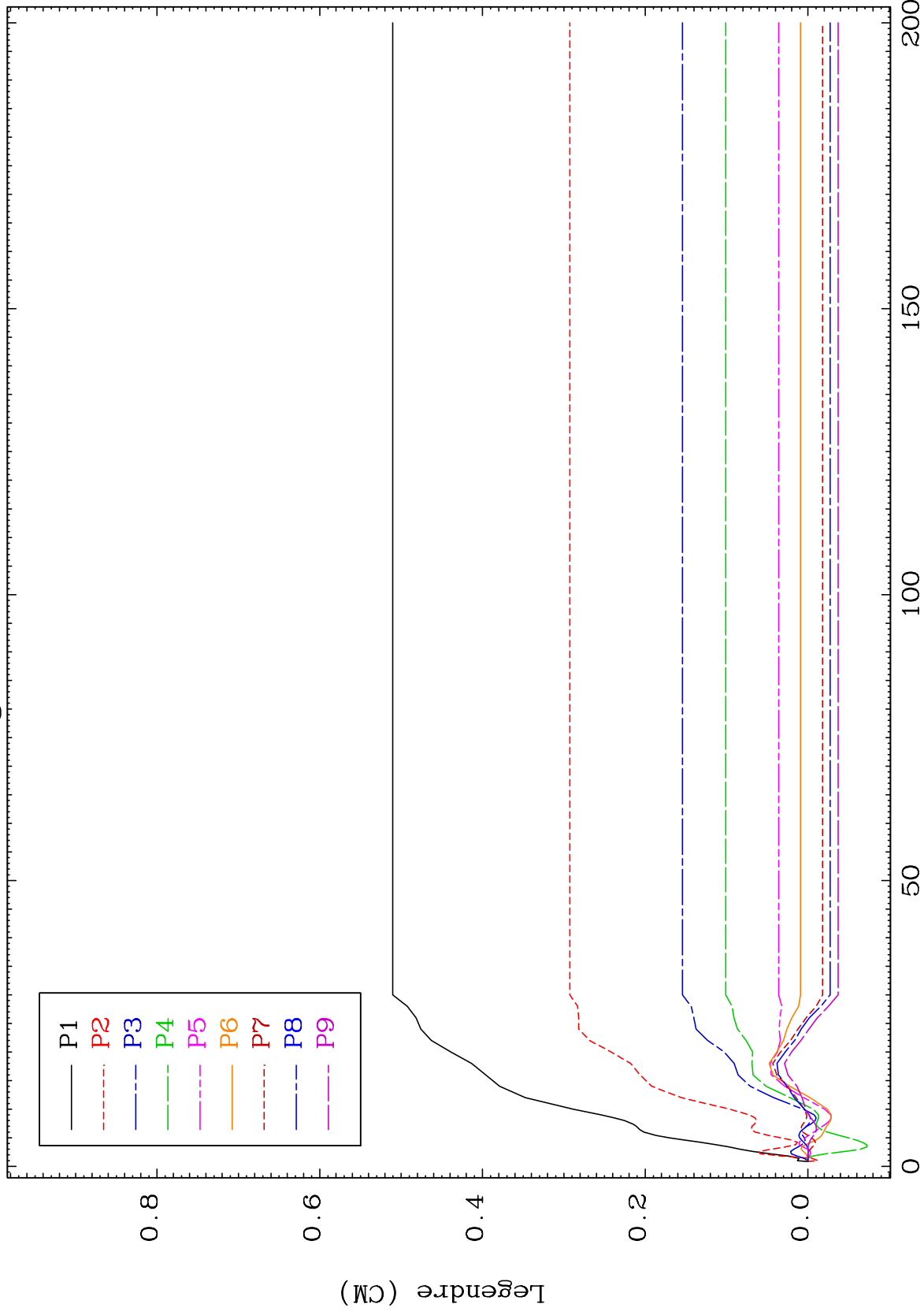
65-Tb-145



MAT 6483

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

65-Tb-145



21

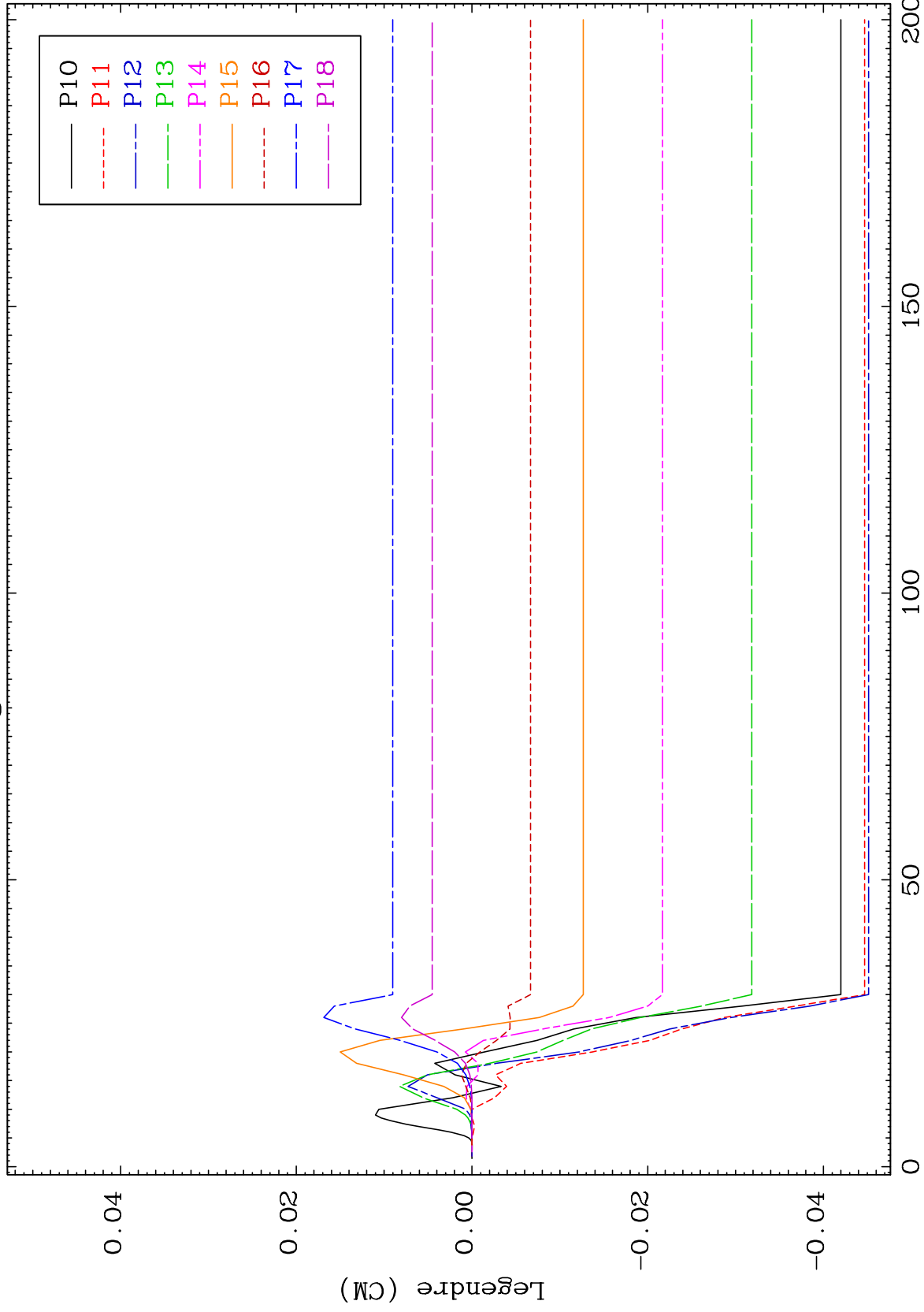
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



22

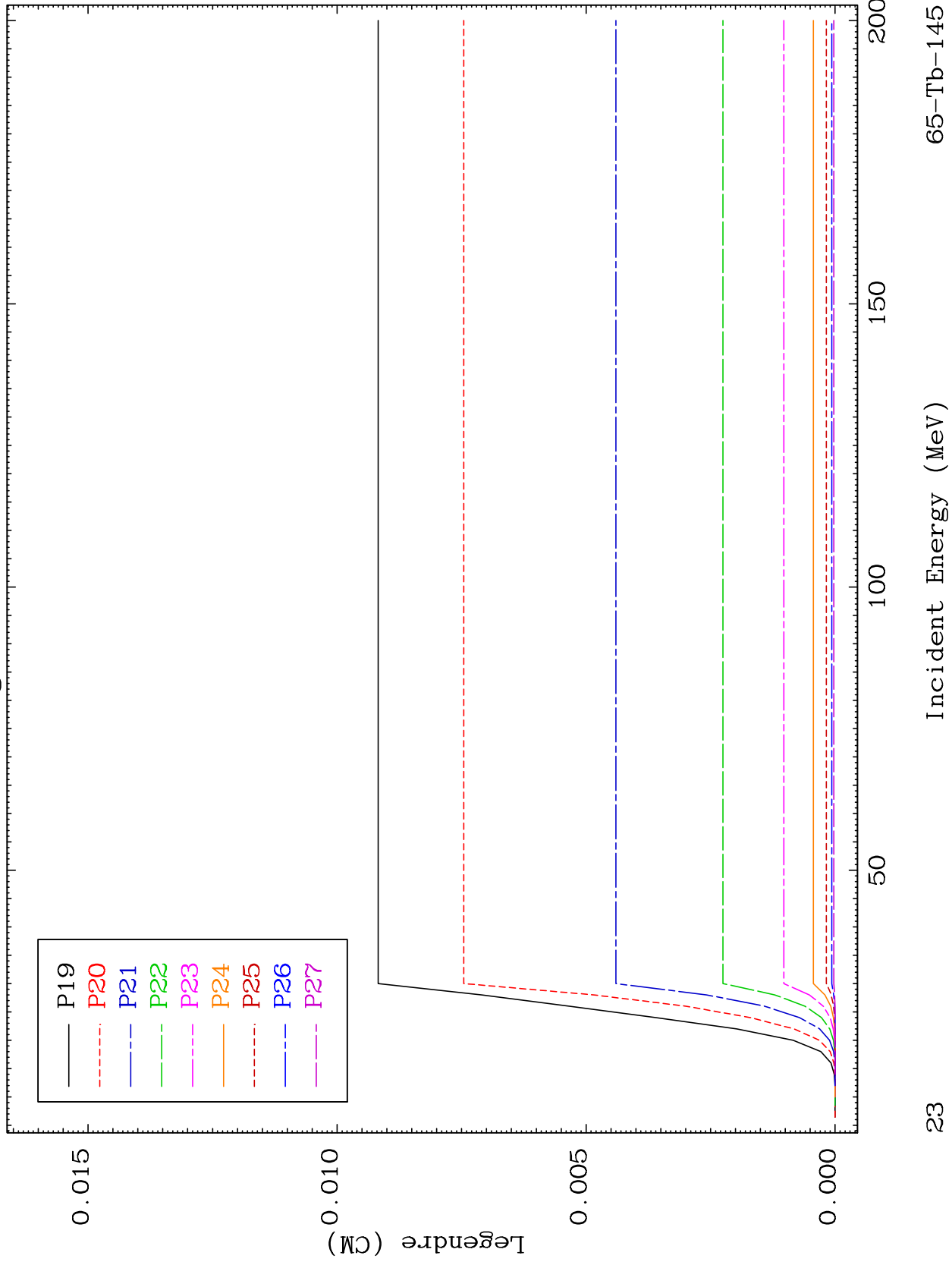
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

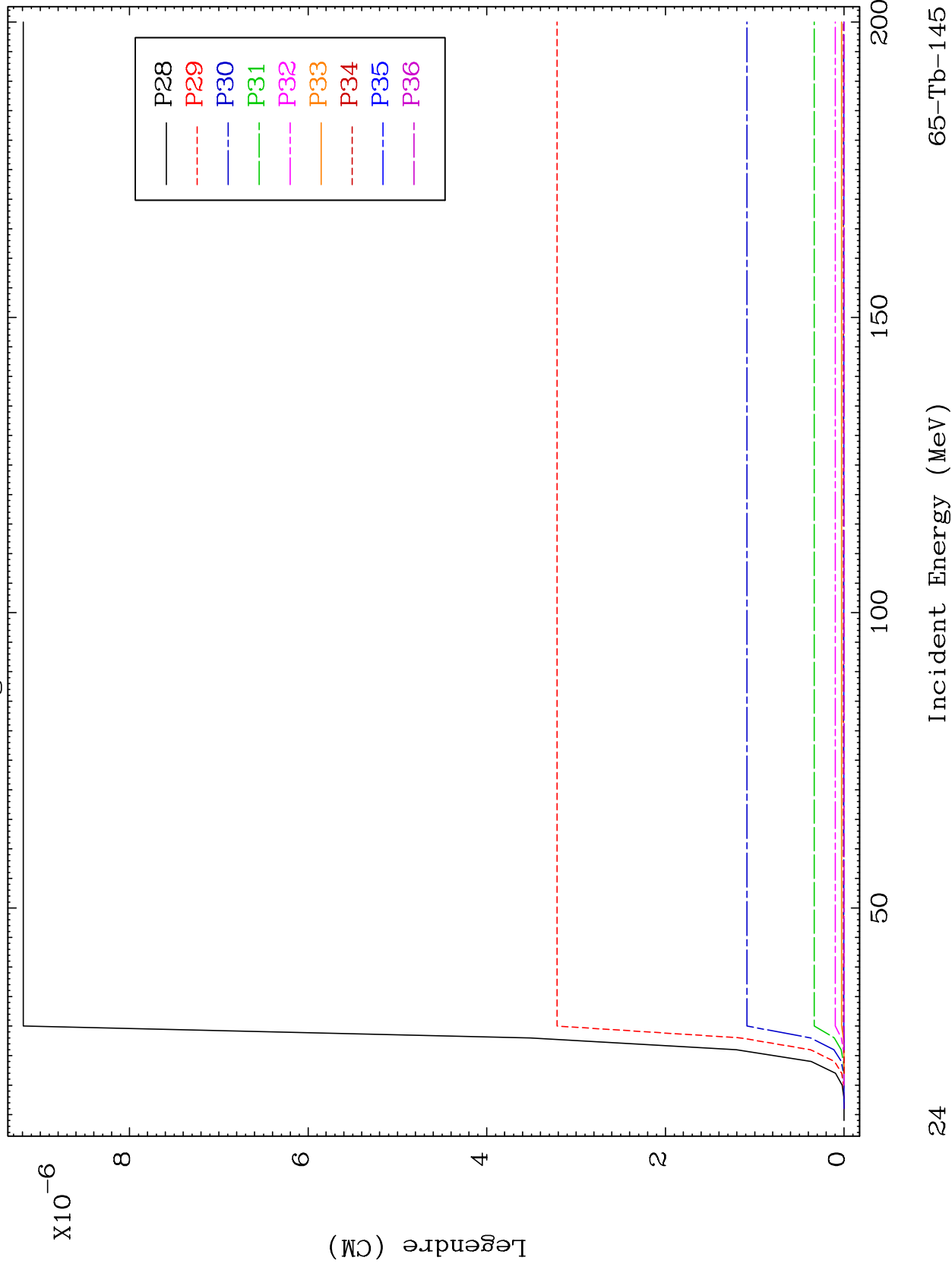
65-Tb-145



MAT 6483

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

65-Tb-145



24

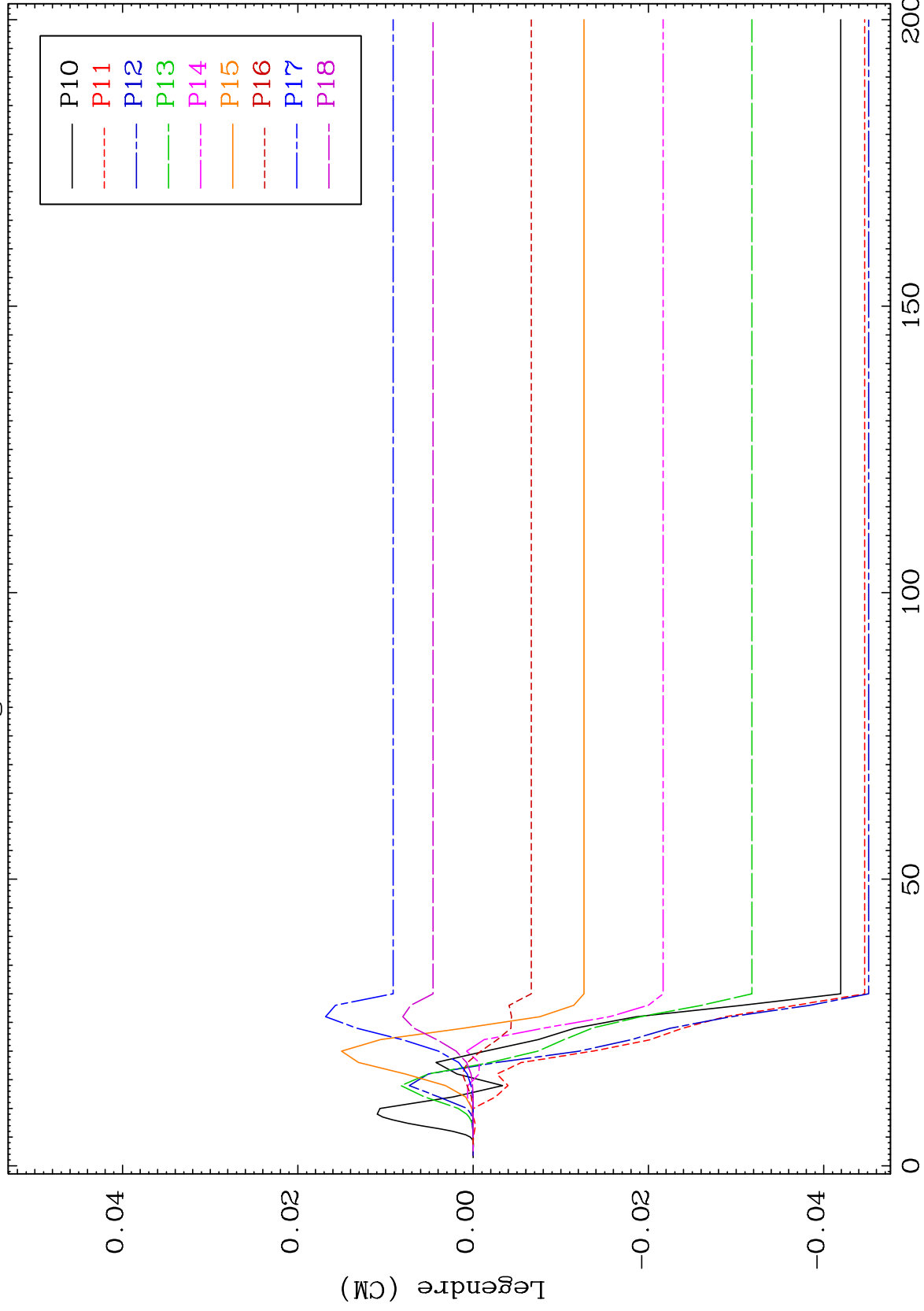
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



26

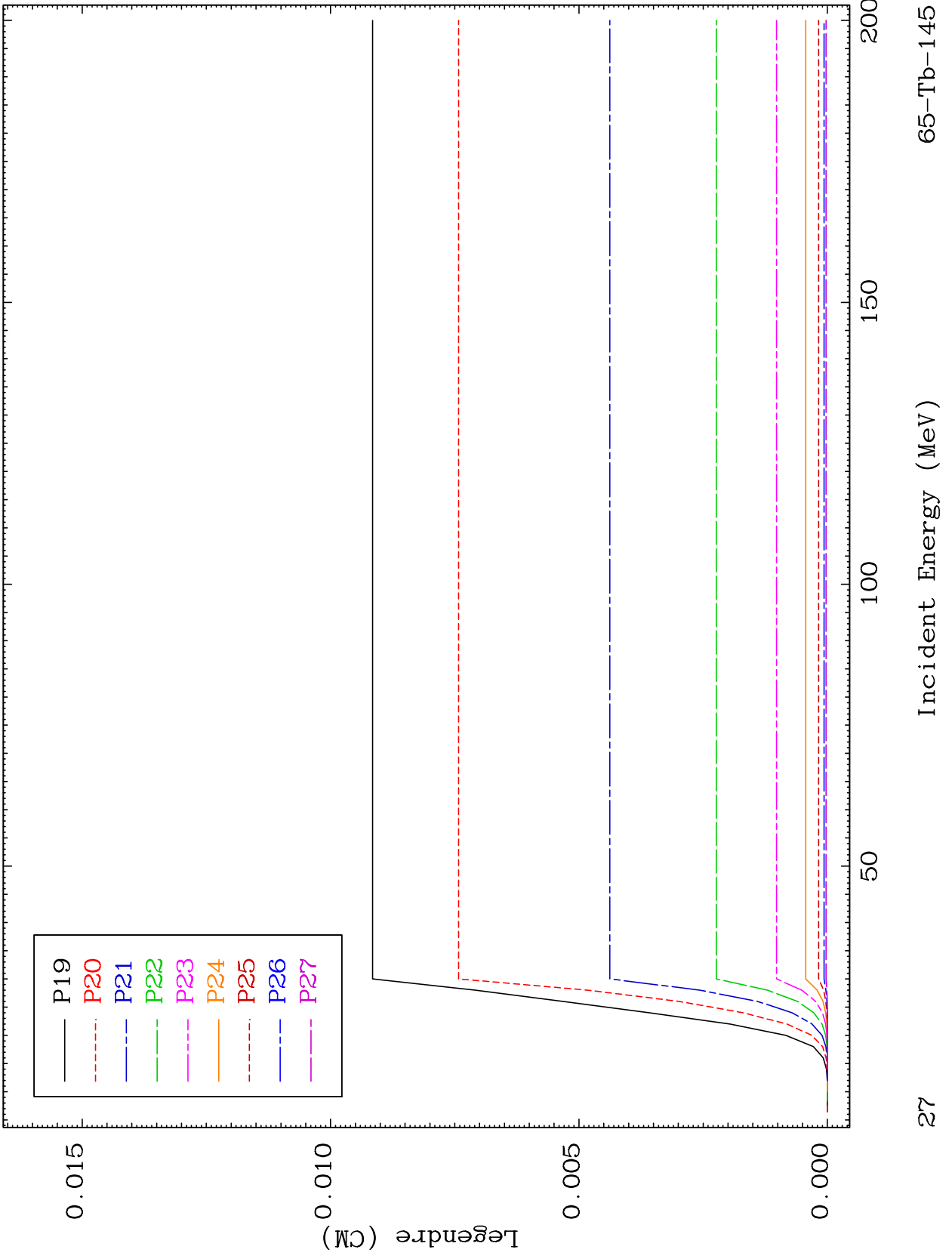
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



27

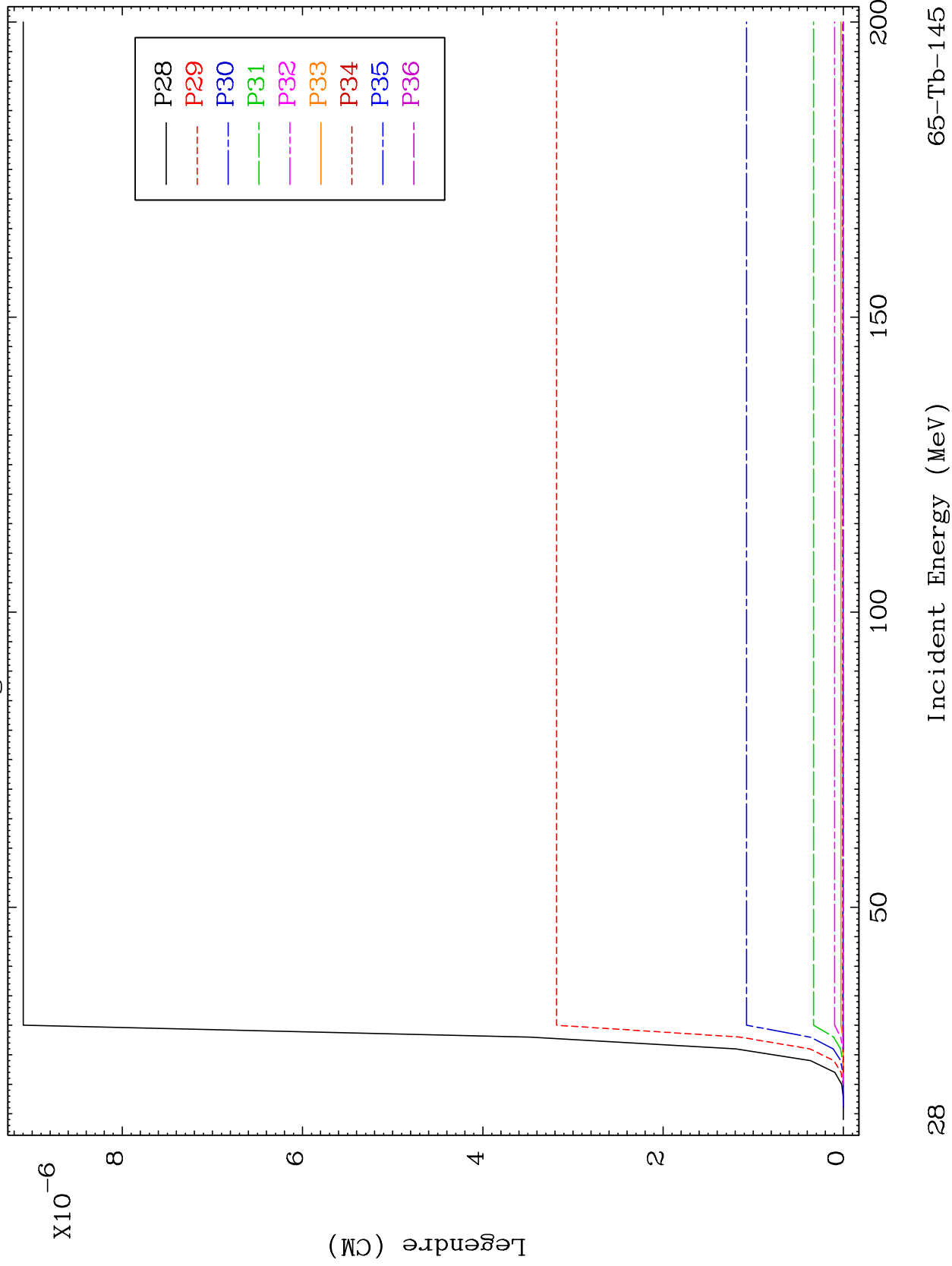
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



28

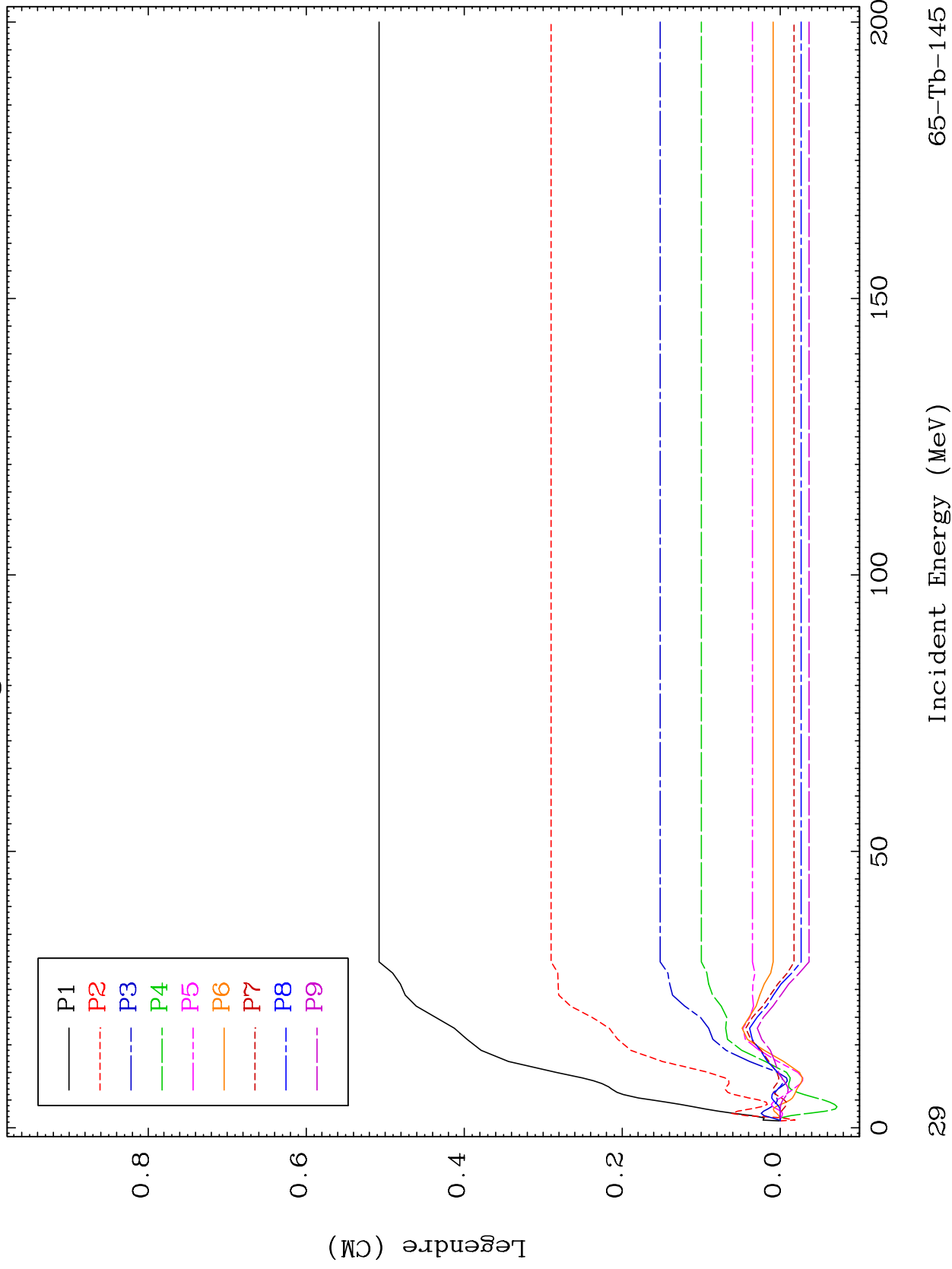
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



29

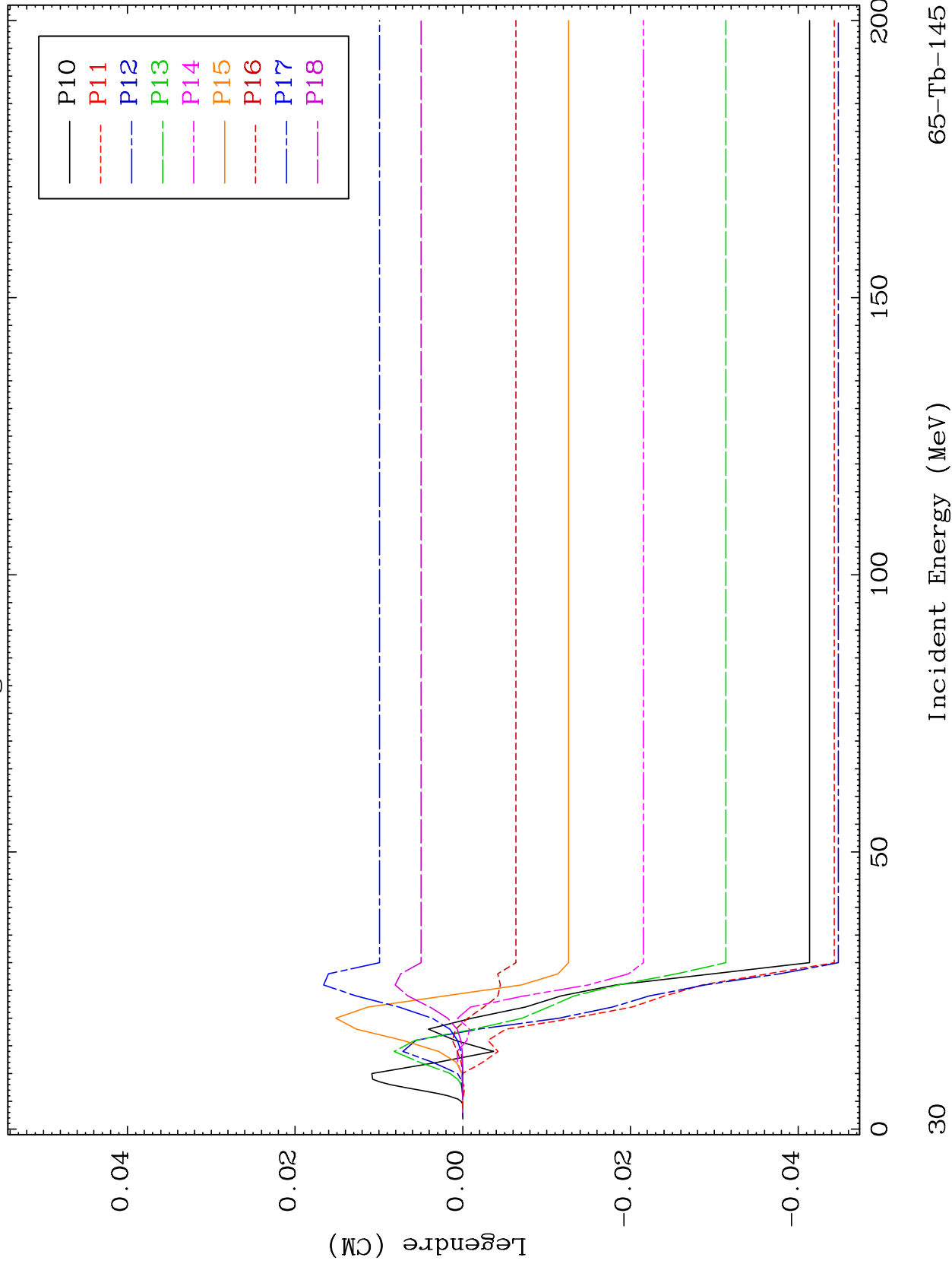
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



65-Tb-145

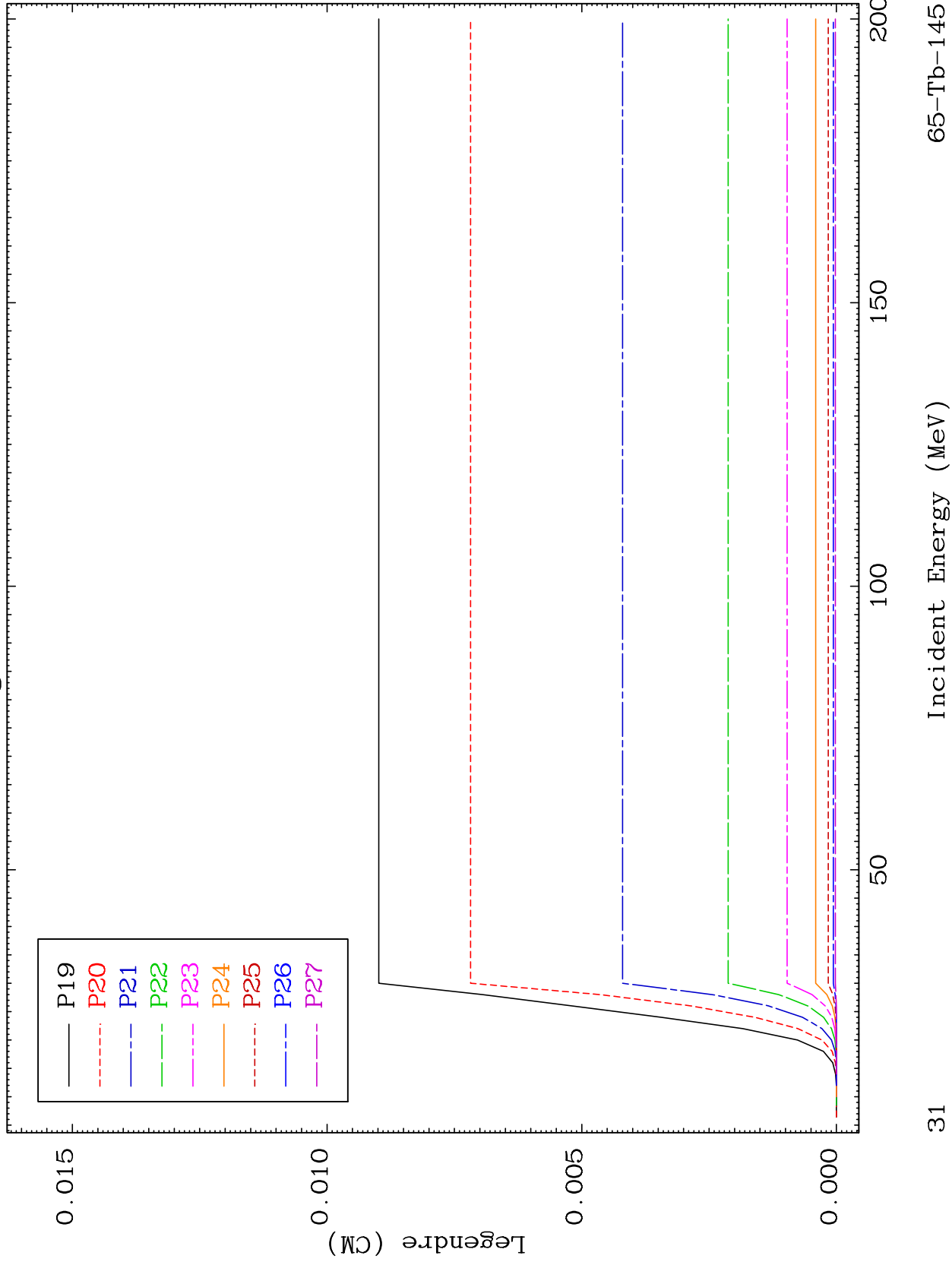
Incident Energy (MeV)

30

MAT 6483

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

65-Tb-145



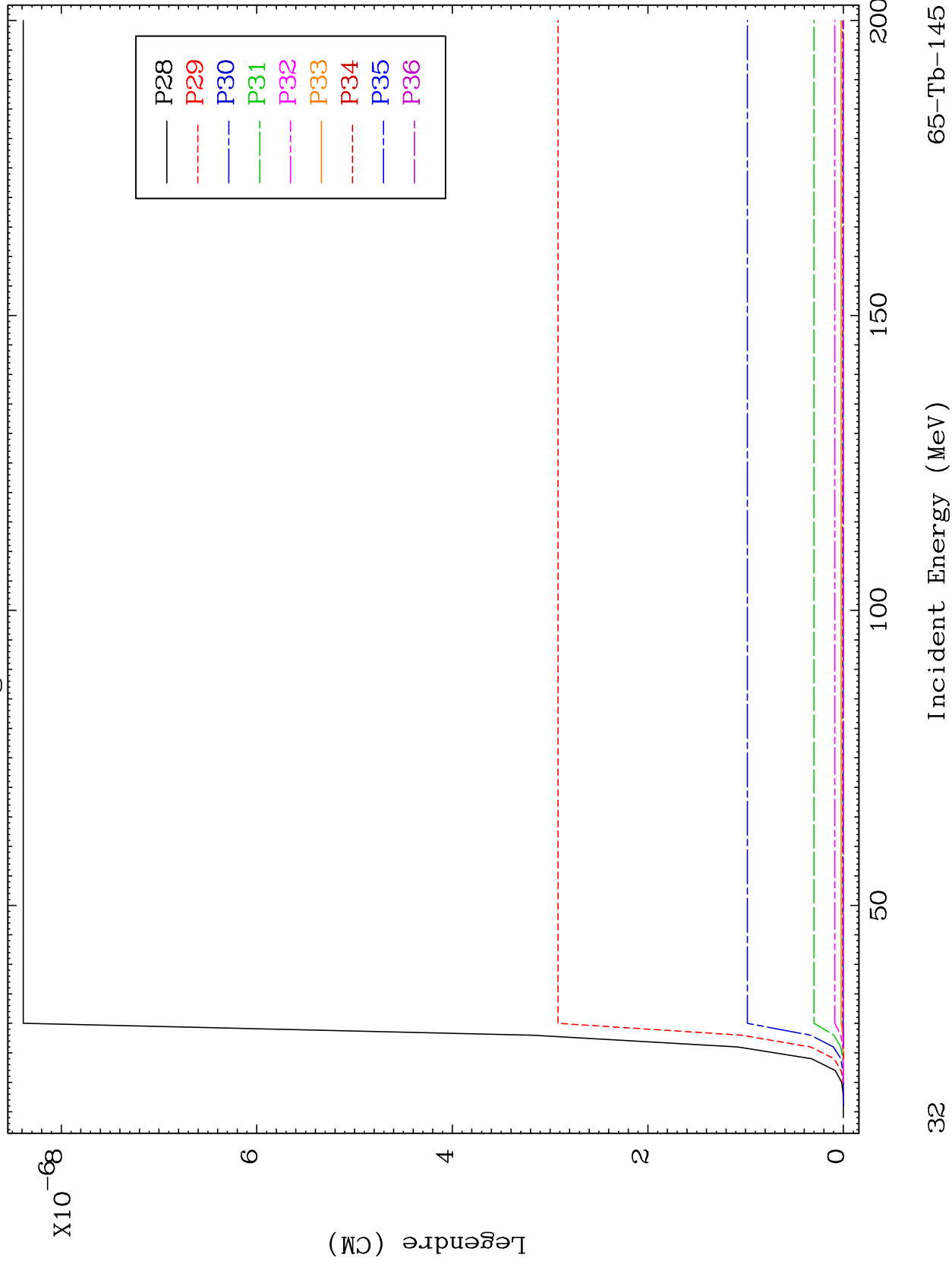
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65-Tb-145

MAT 6483

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

65-Tb-145



32

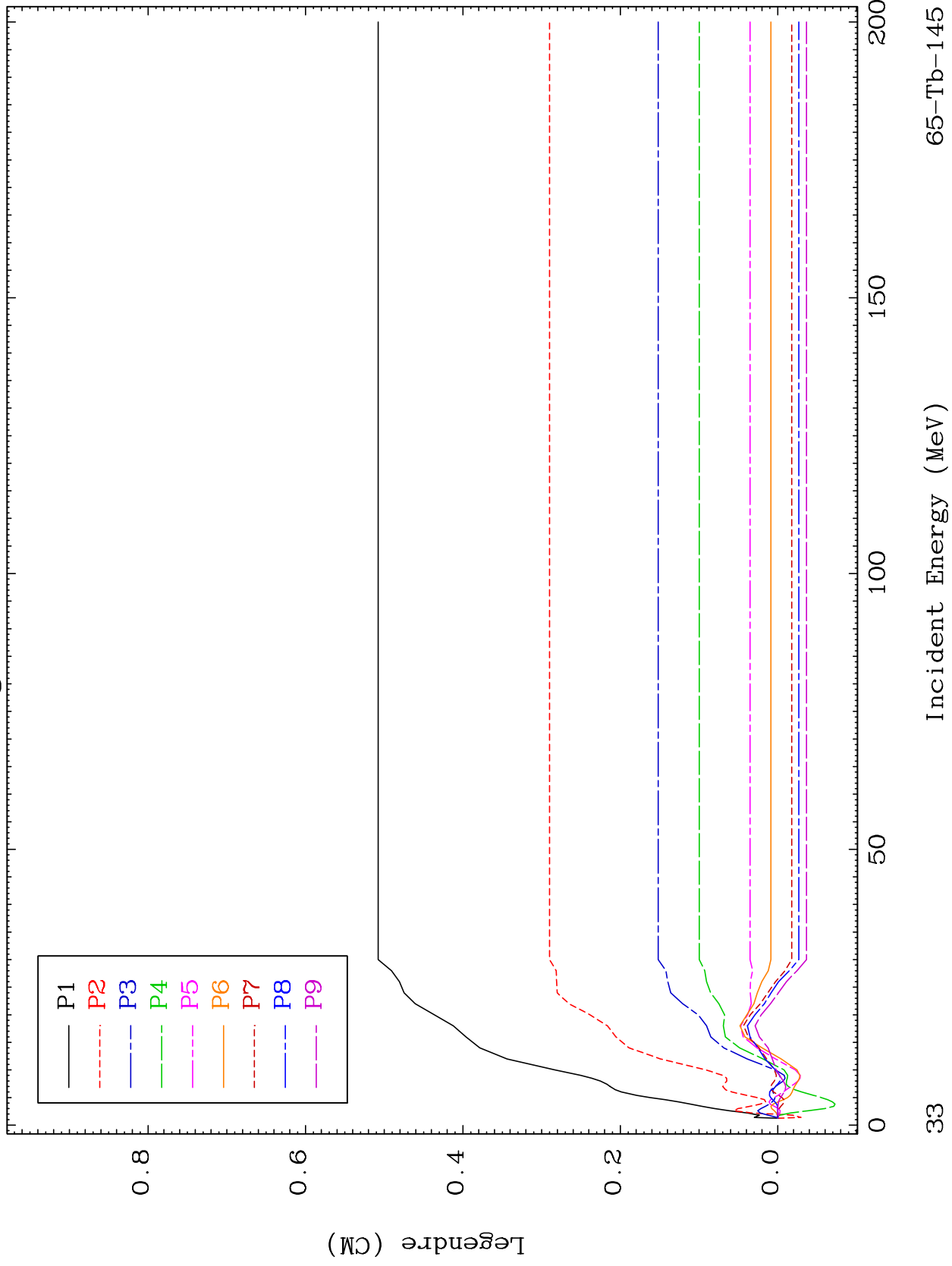
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



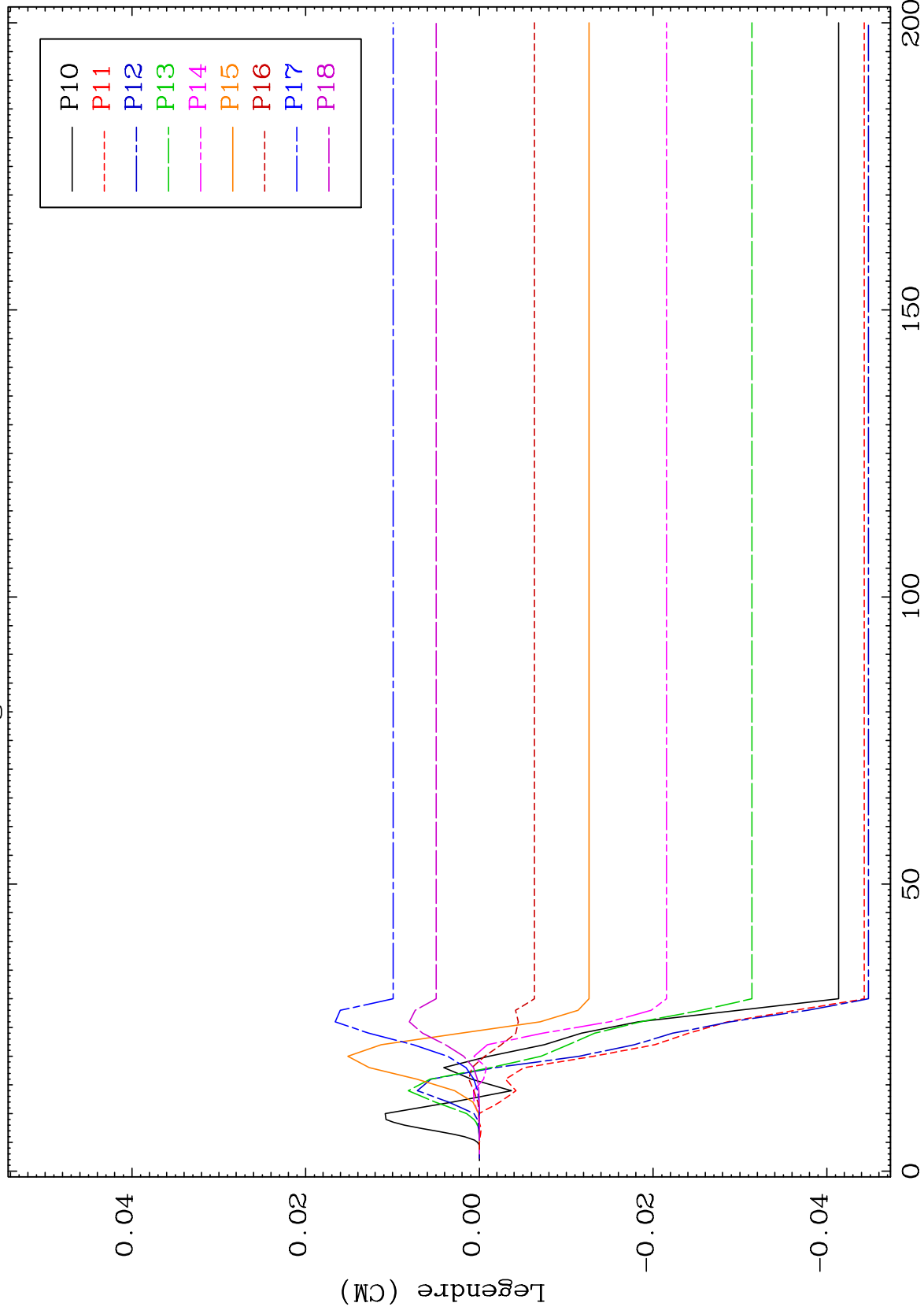
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65-Tb-145

MAT 6483

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

65-Tb-145



34

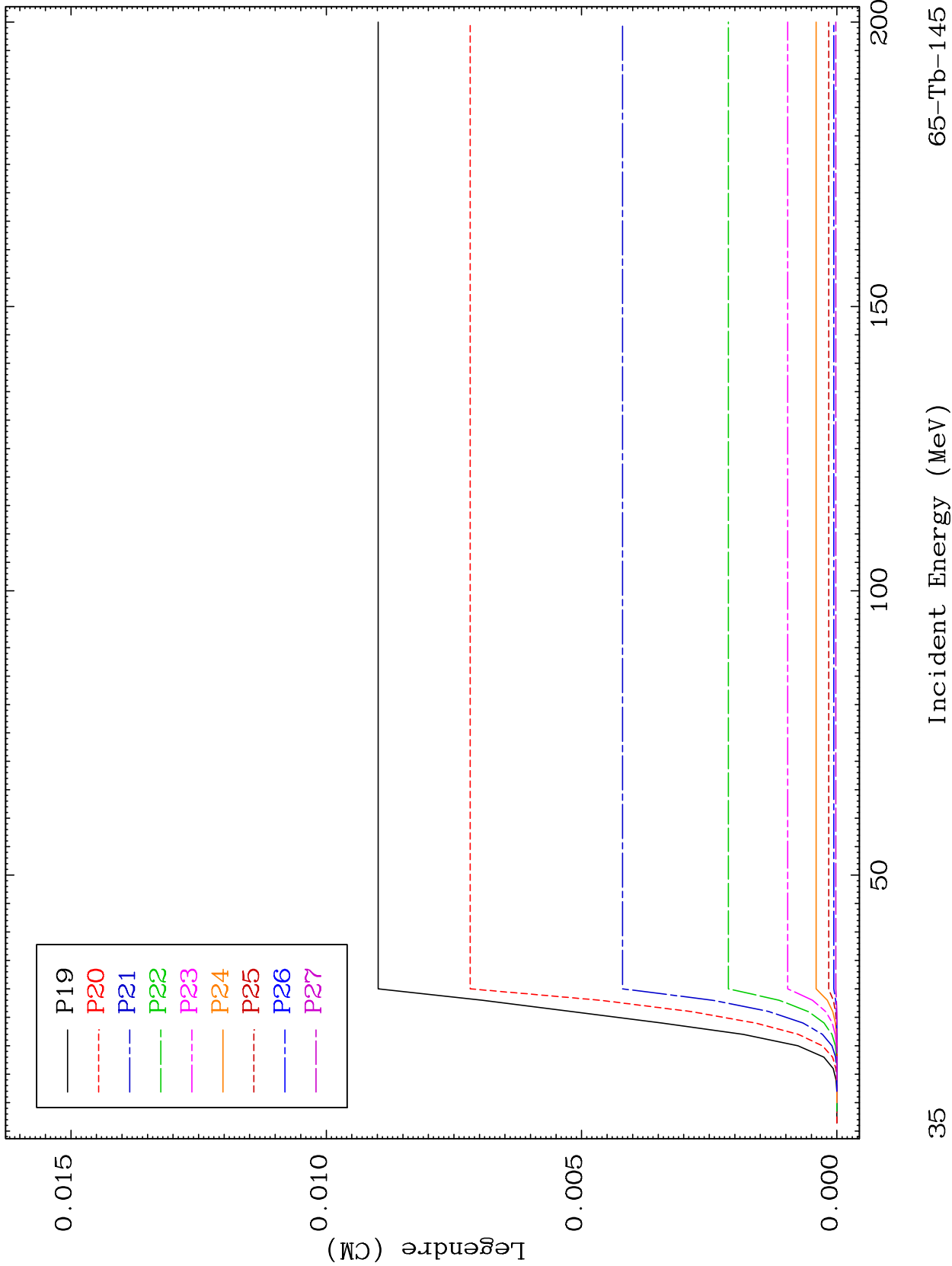
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



35

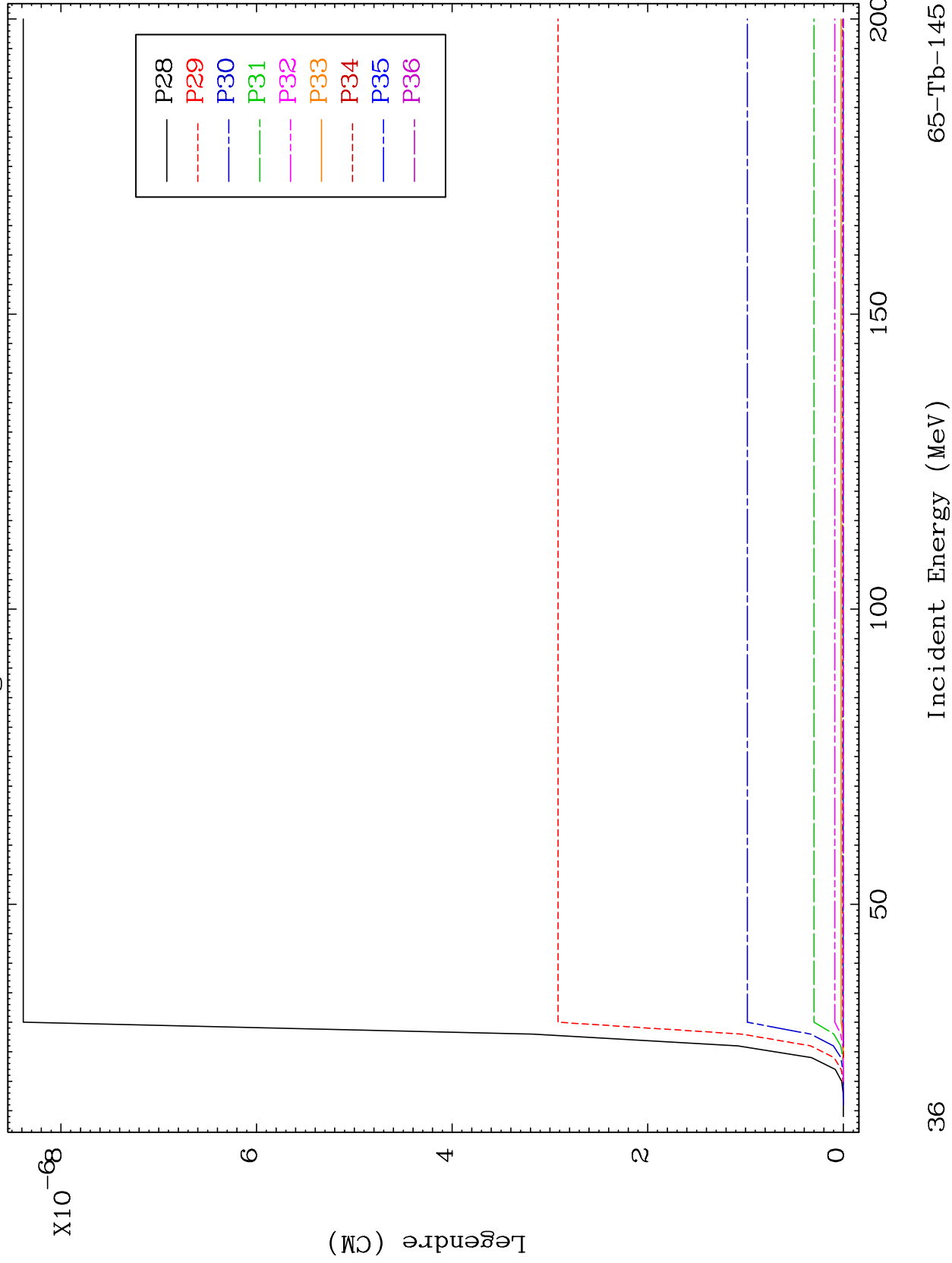
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



36

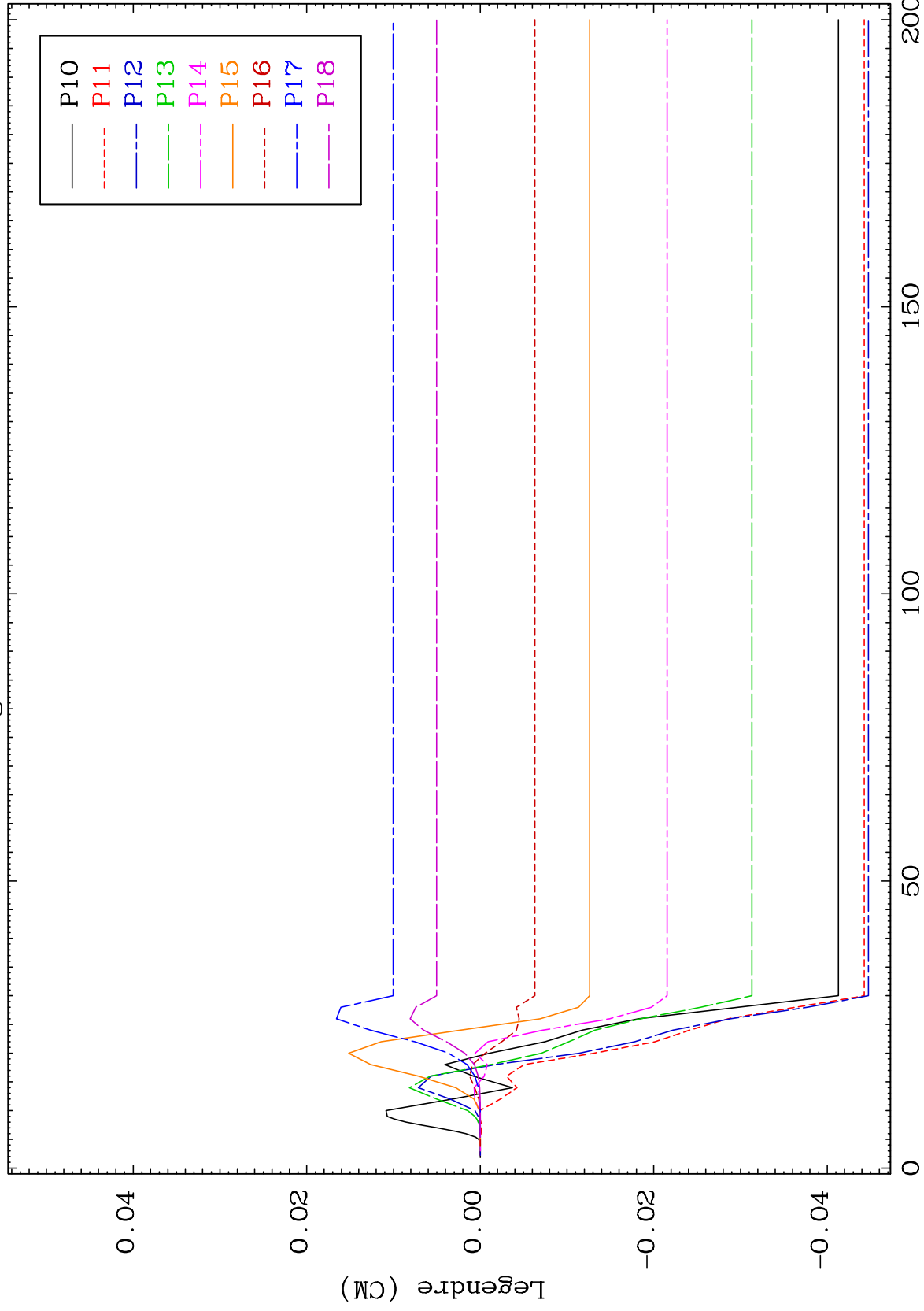
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



38

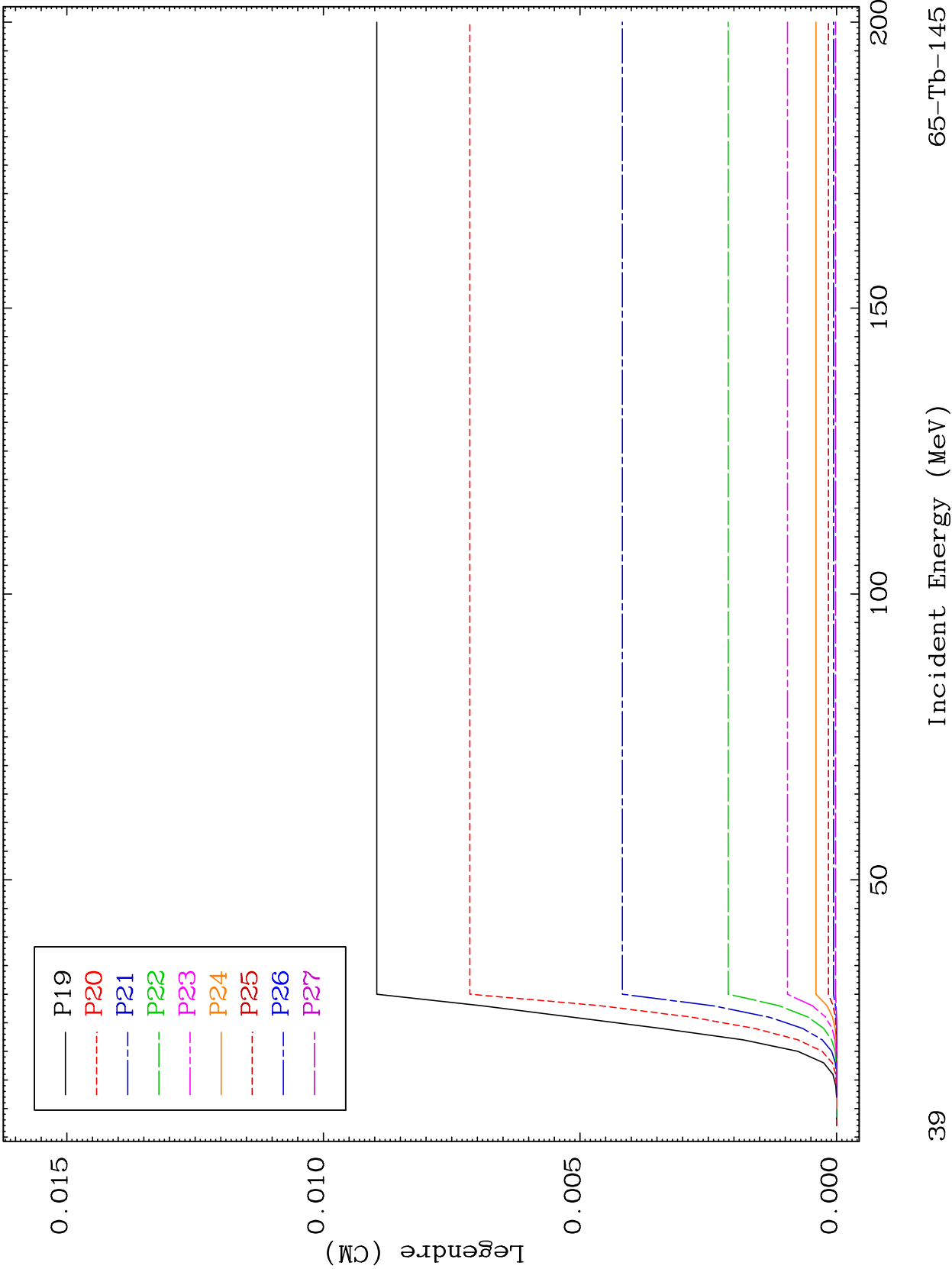
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



39

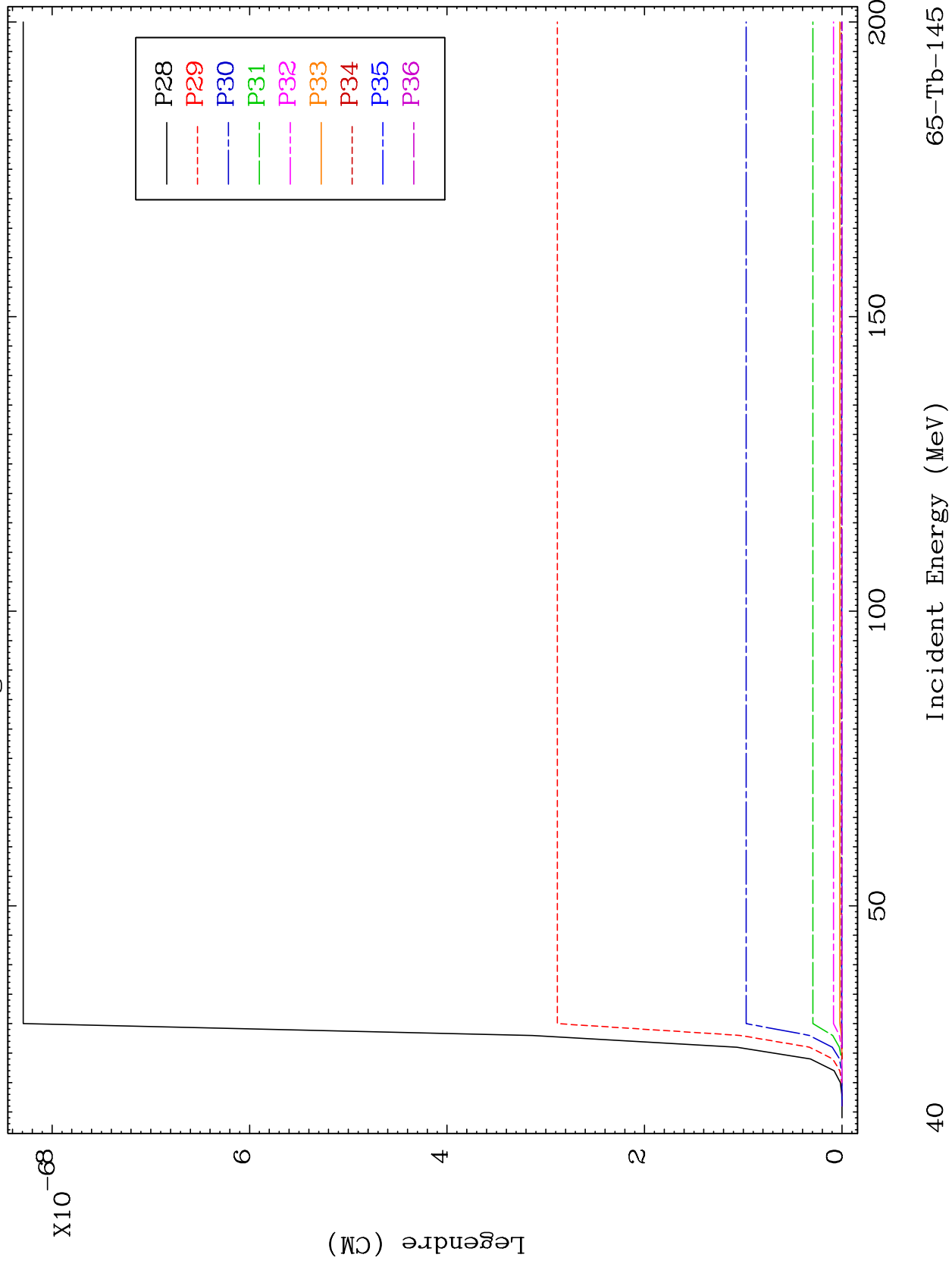
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

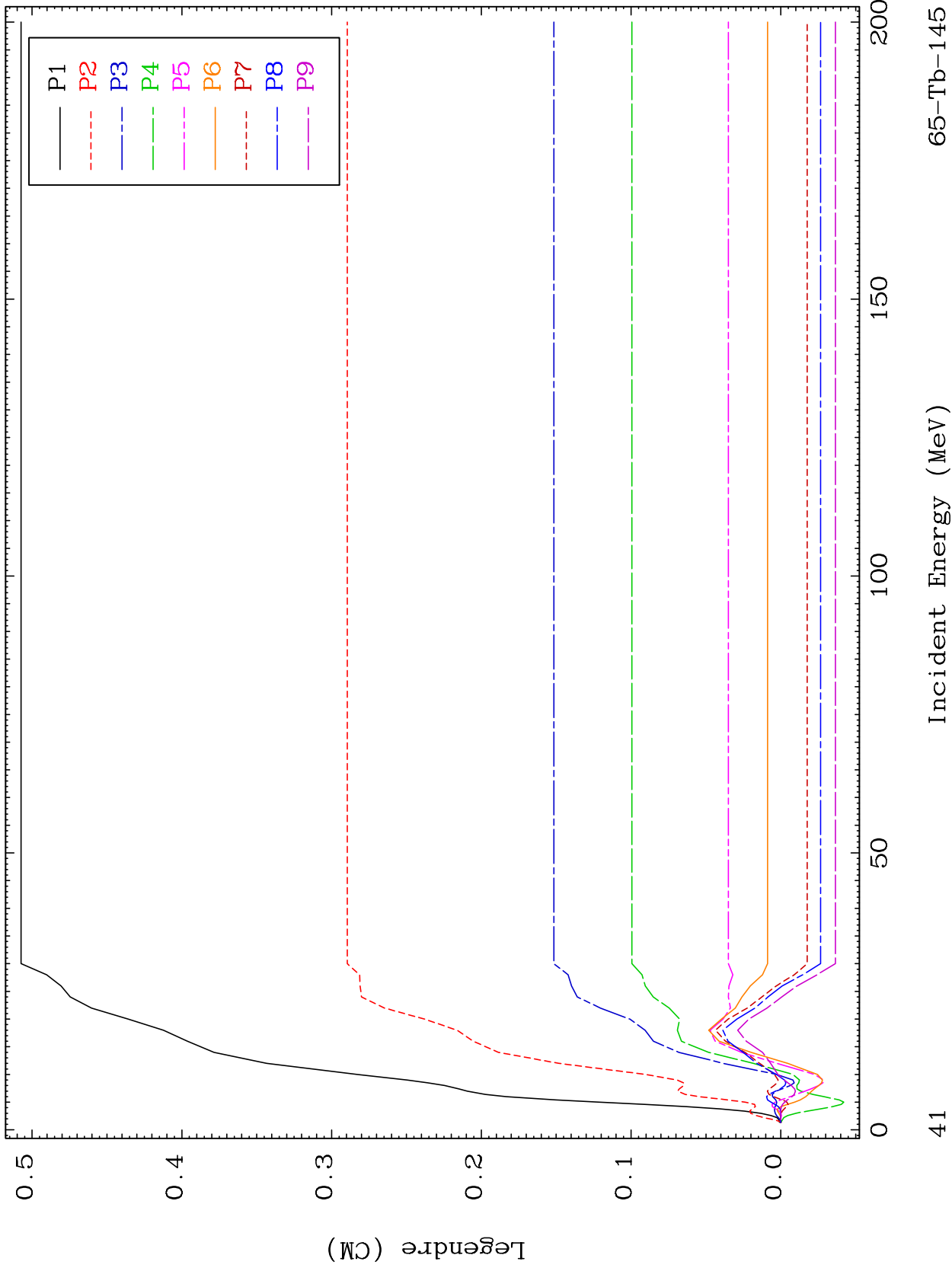
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MAT 6483

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

65-Tb-145



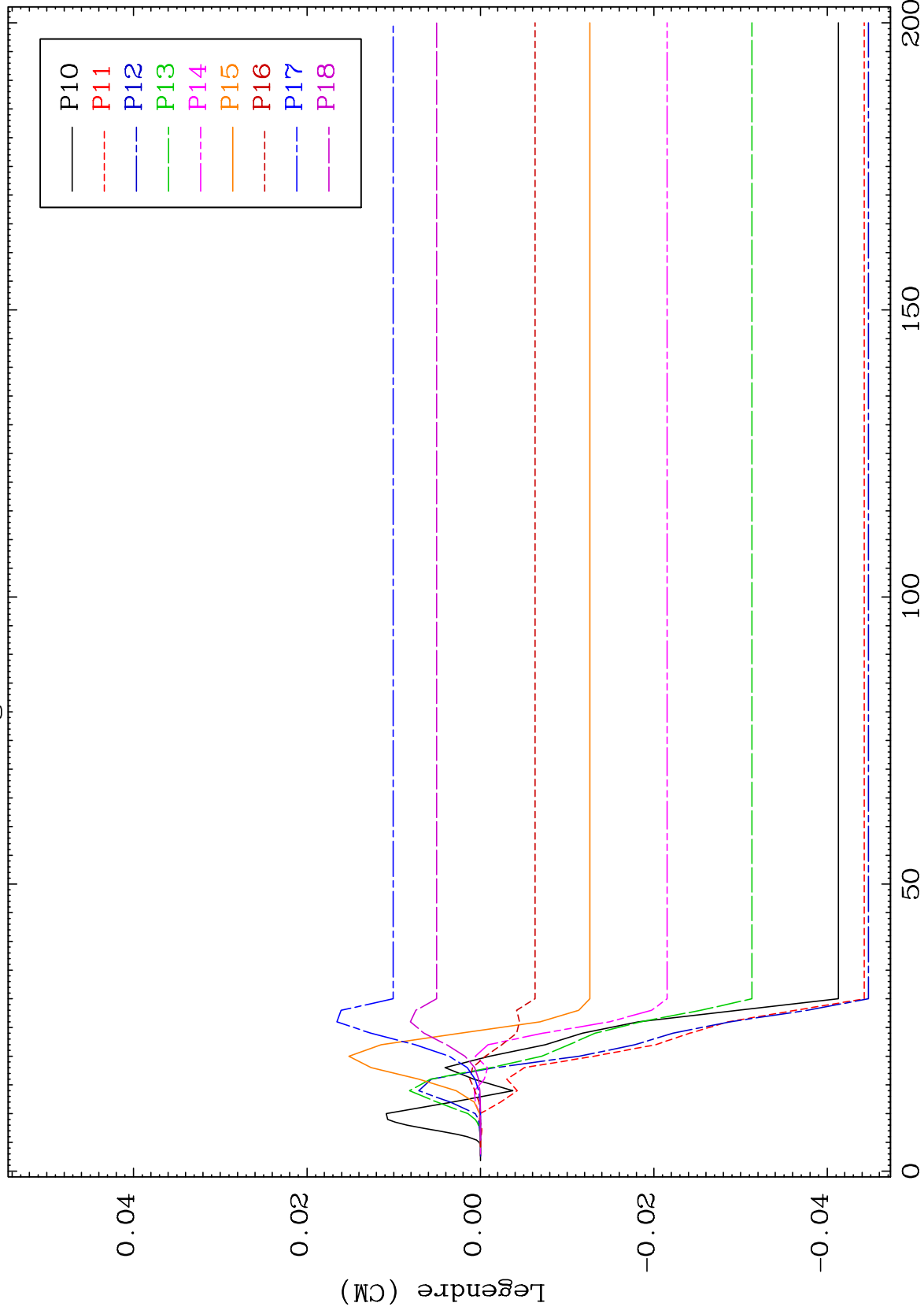
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65-Tb-145

MAT 6483

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

65-Tb-145



42

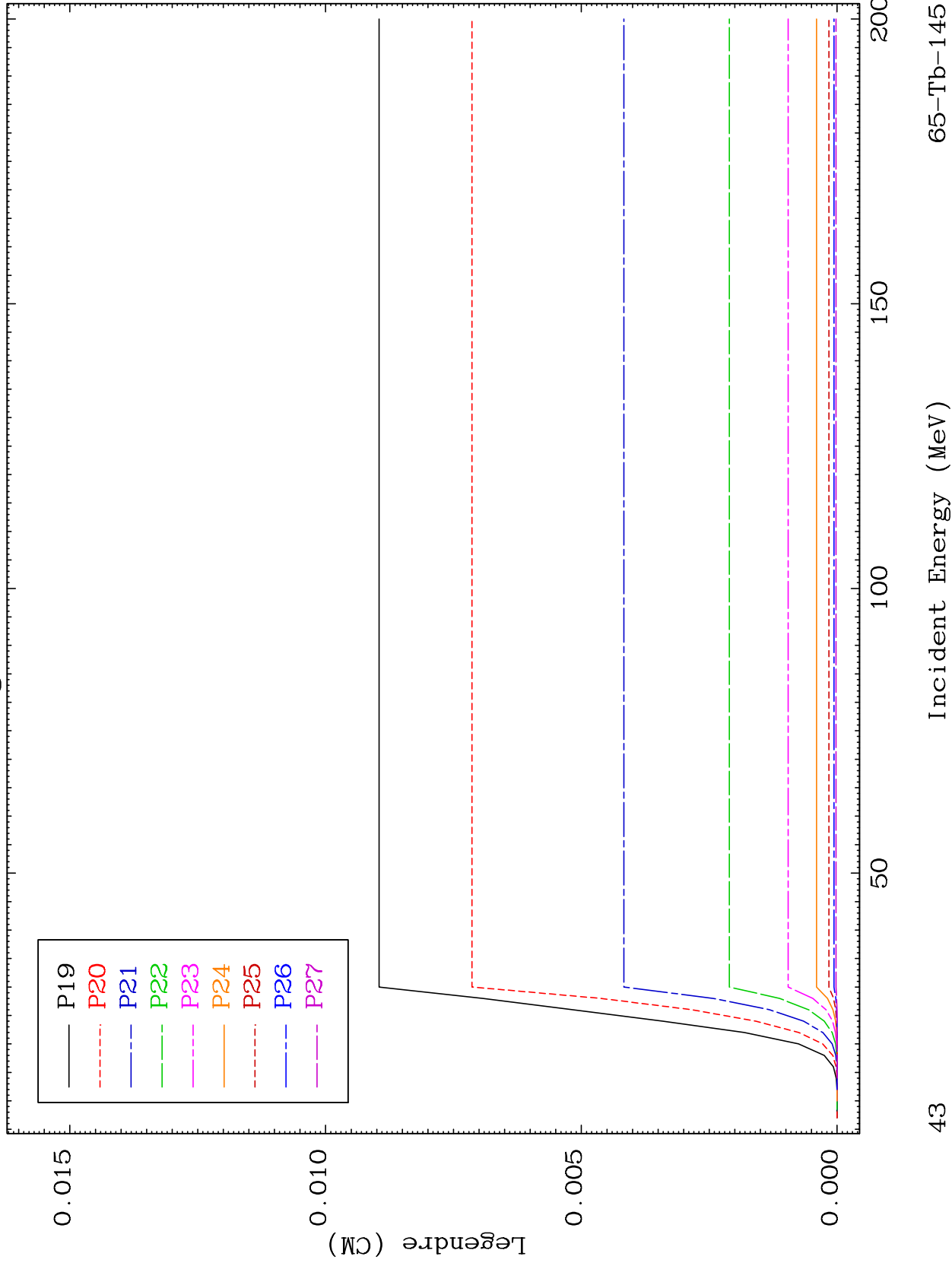
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



43

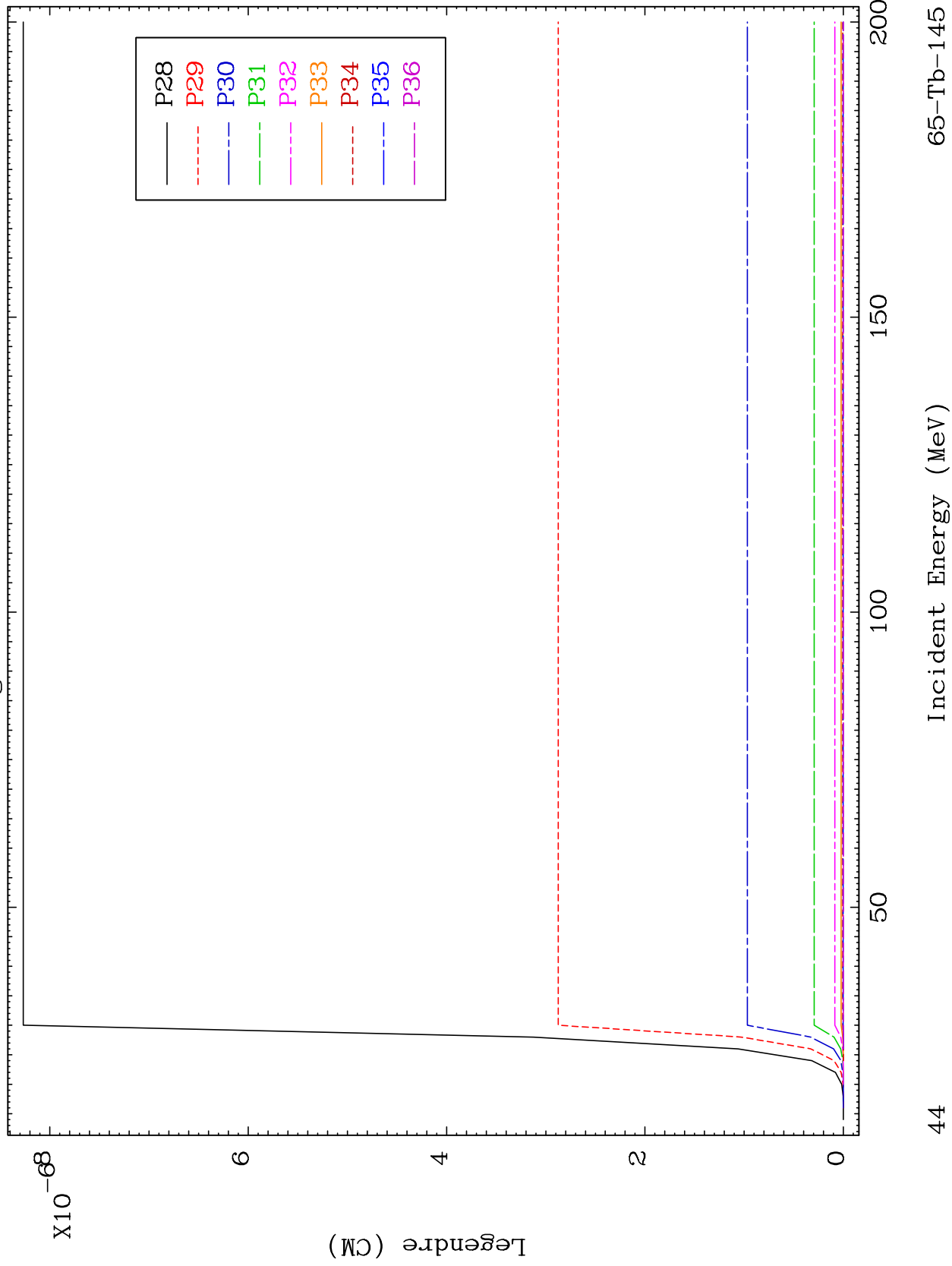
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65-Tb-145

MAT 6483

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

65-Tb-145



44

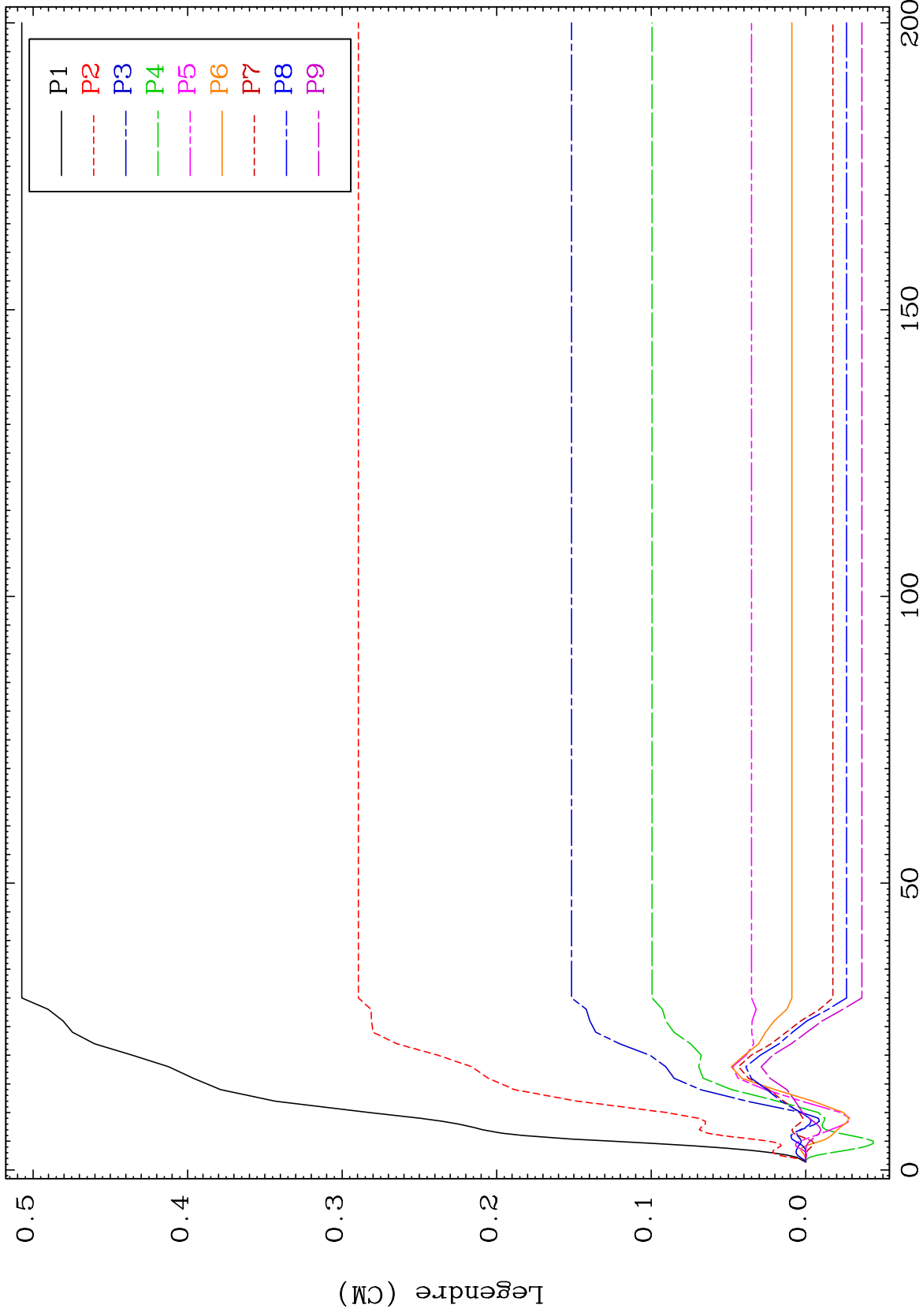
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



65-Tb-145

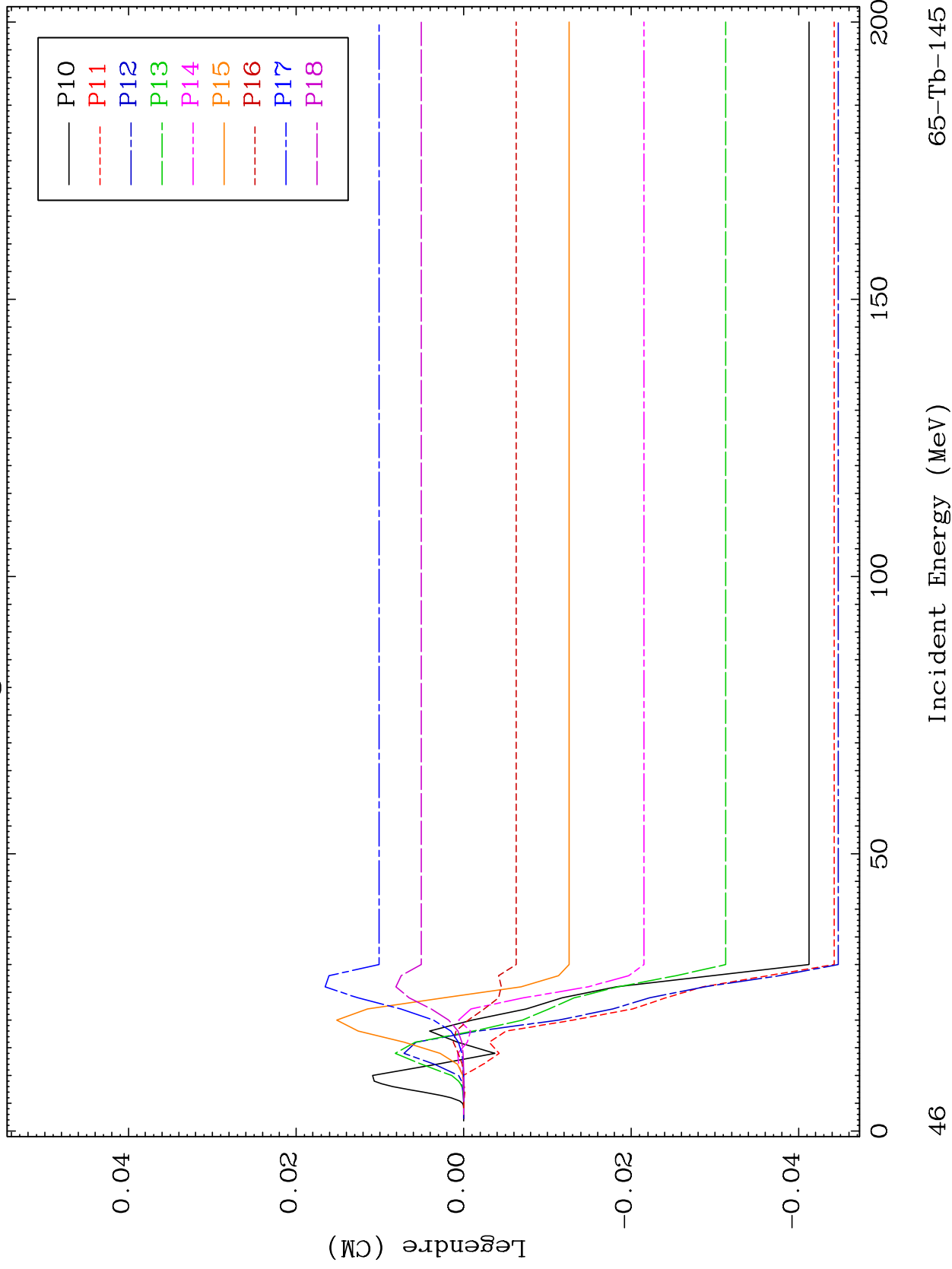
Incident Energy (MeV)

45

MAT 6483

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

65-Tb-145



46

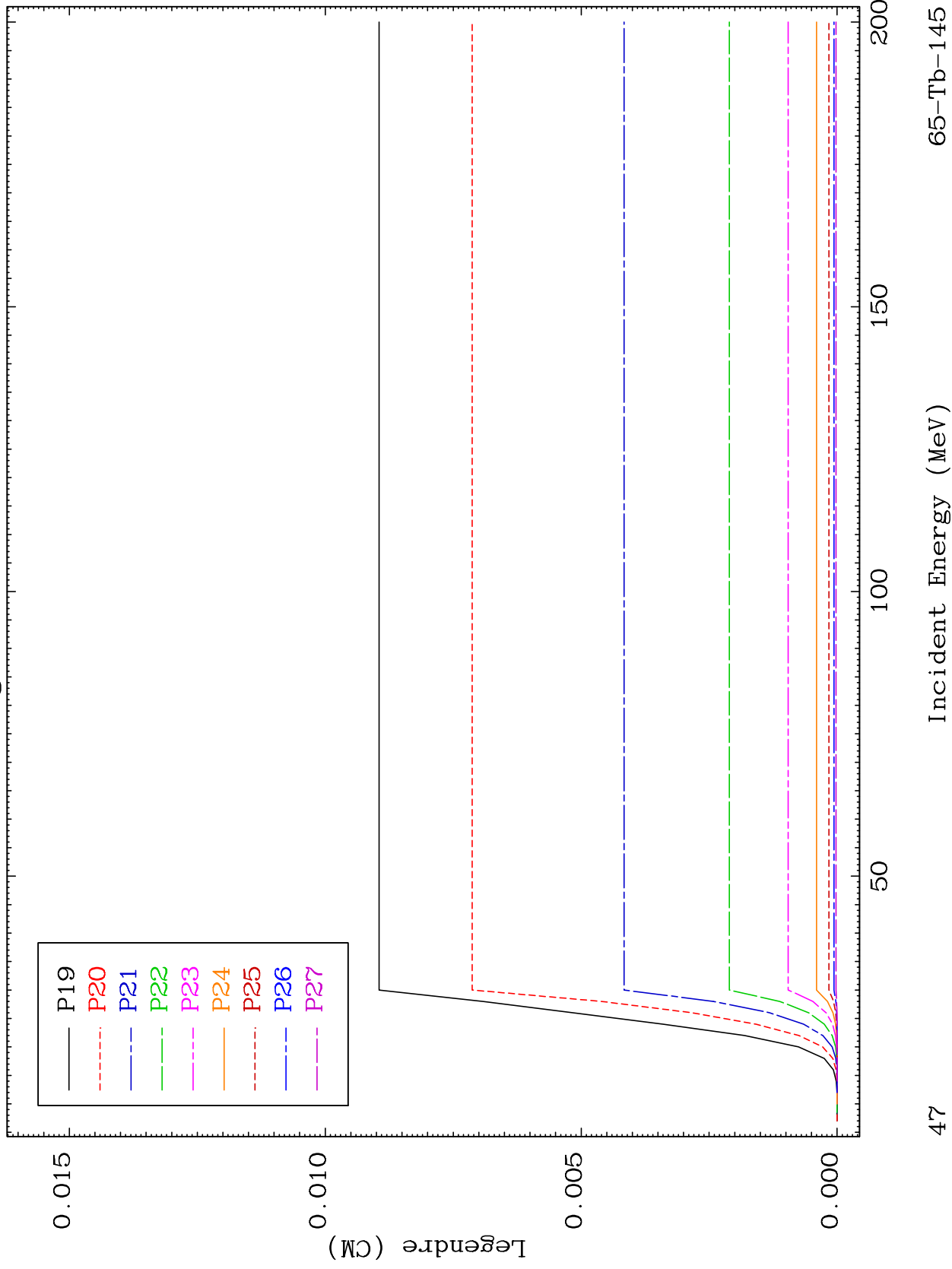
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



47

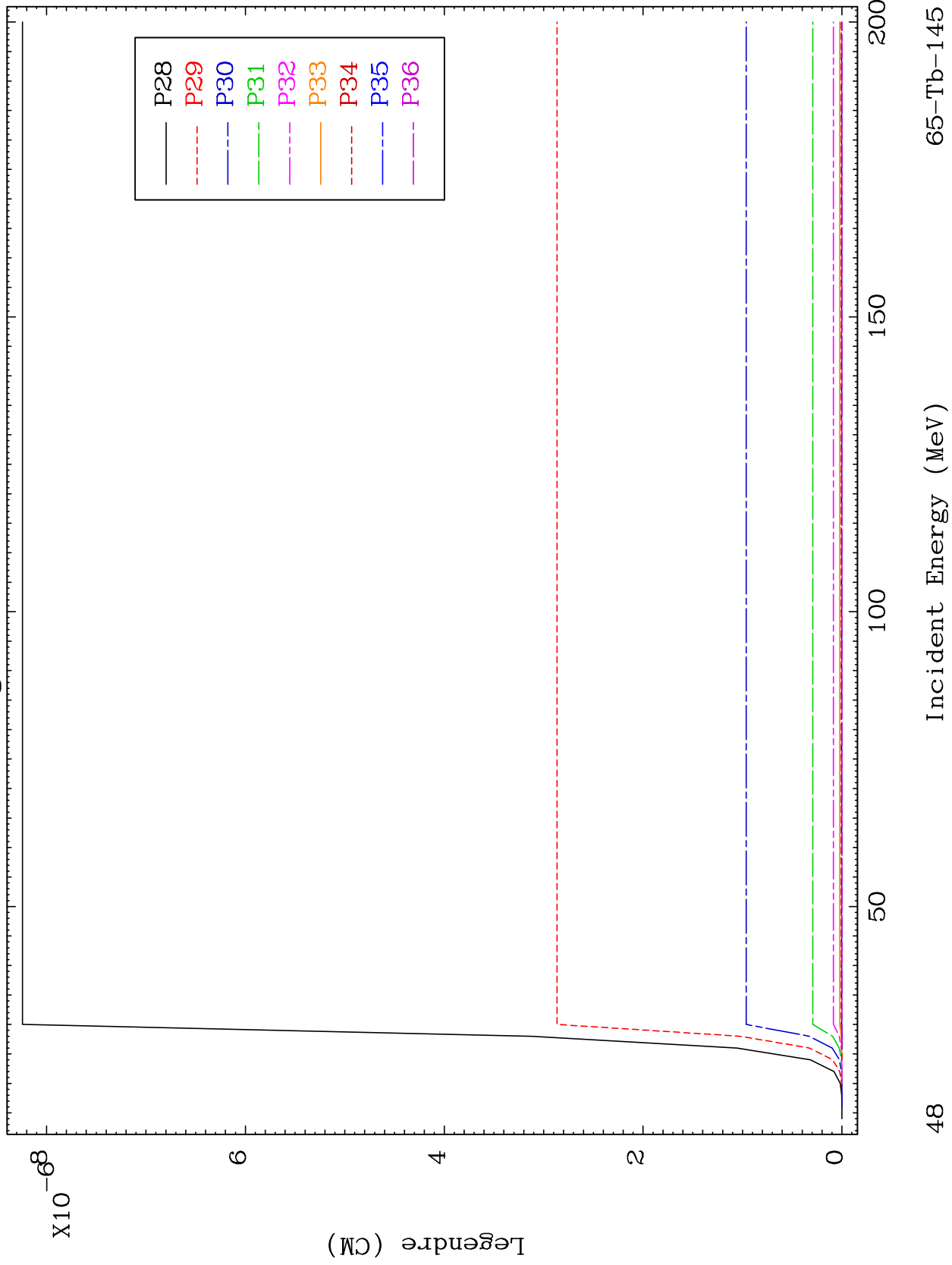
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



48

Incident Energy (MeV)

65-Tb-145

200

150

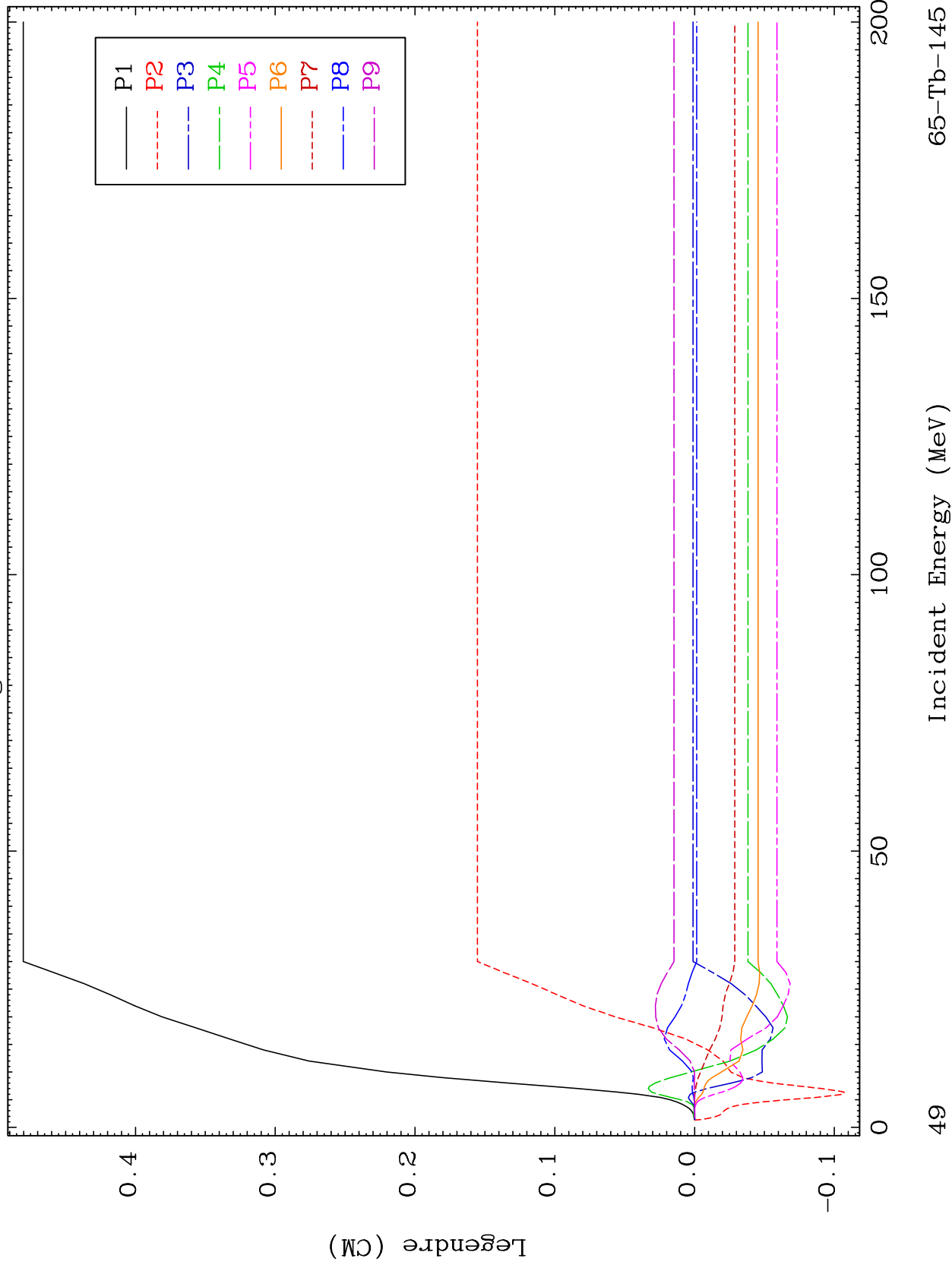
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MAT 6483

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

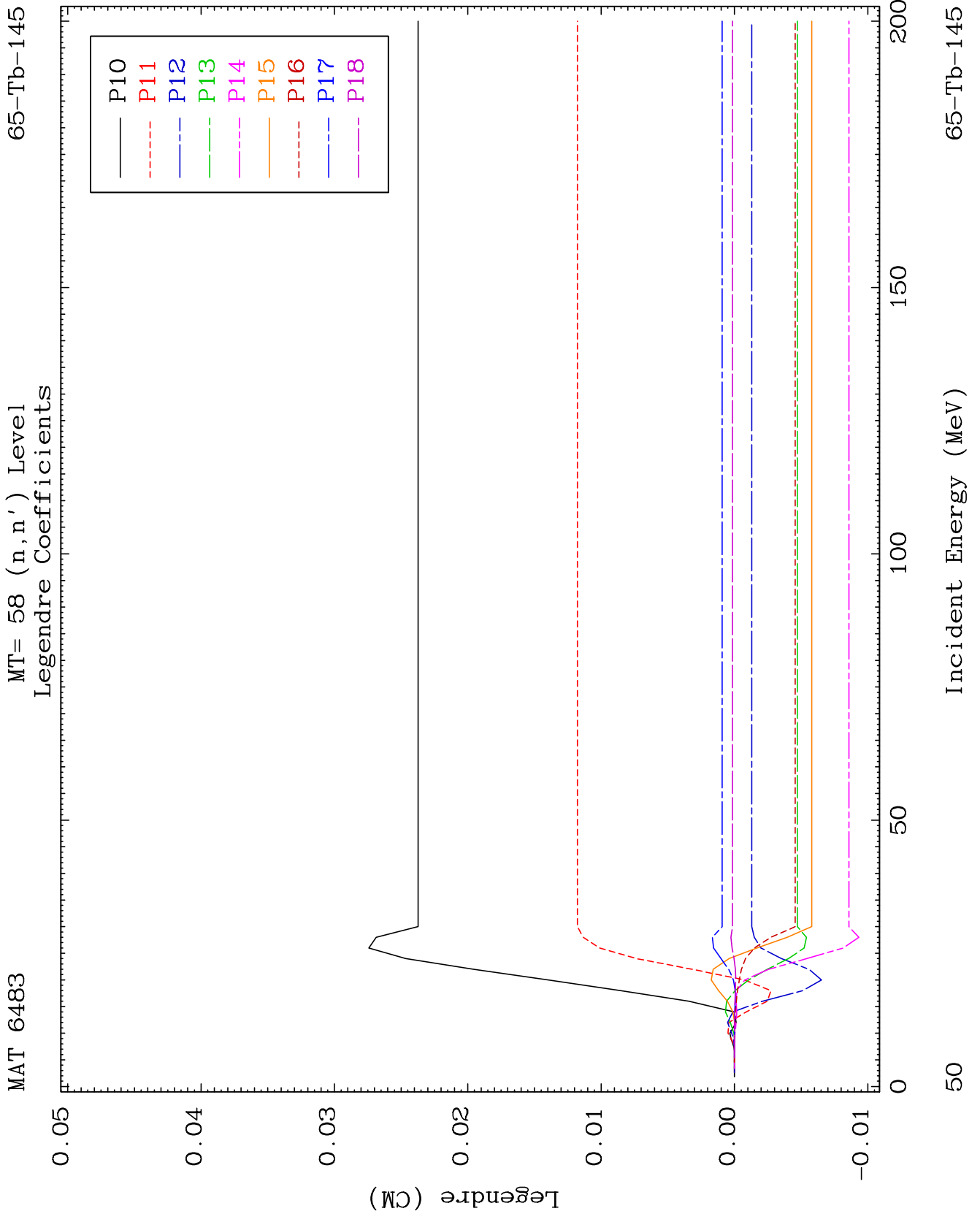
65-Tb-145



49

Incident Energy (MeV)

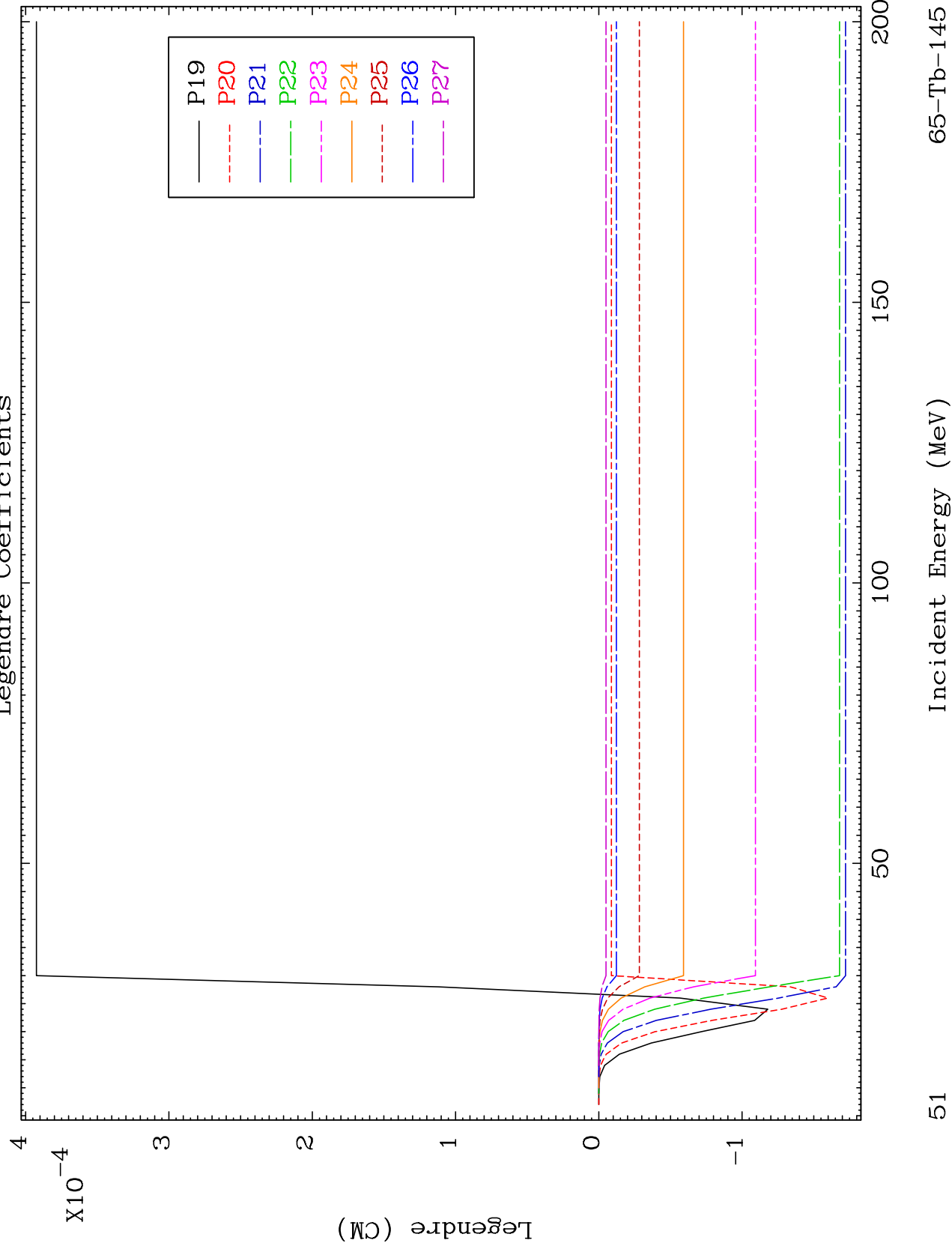
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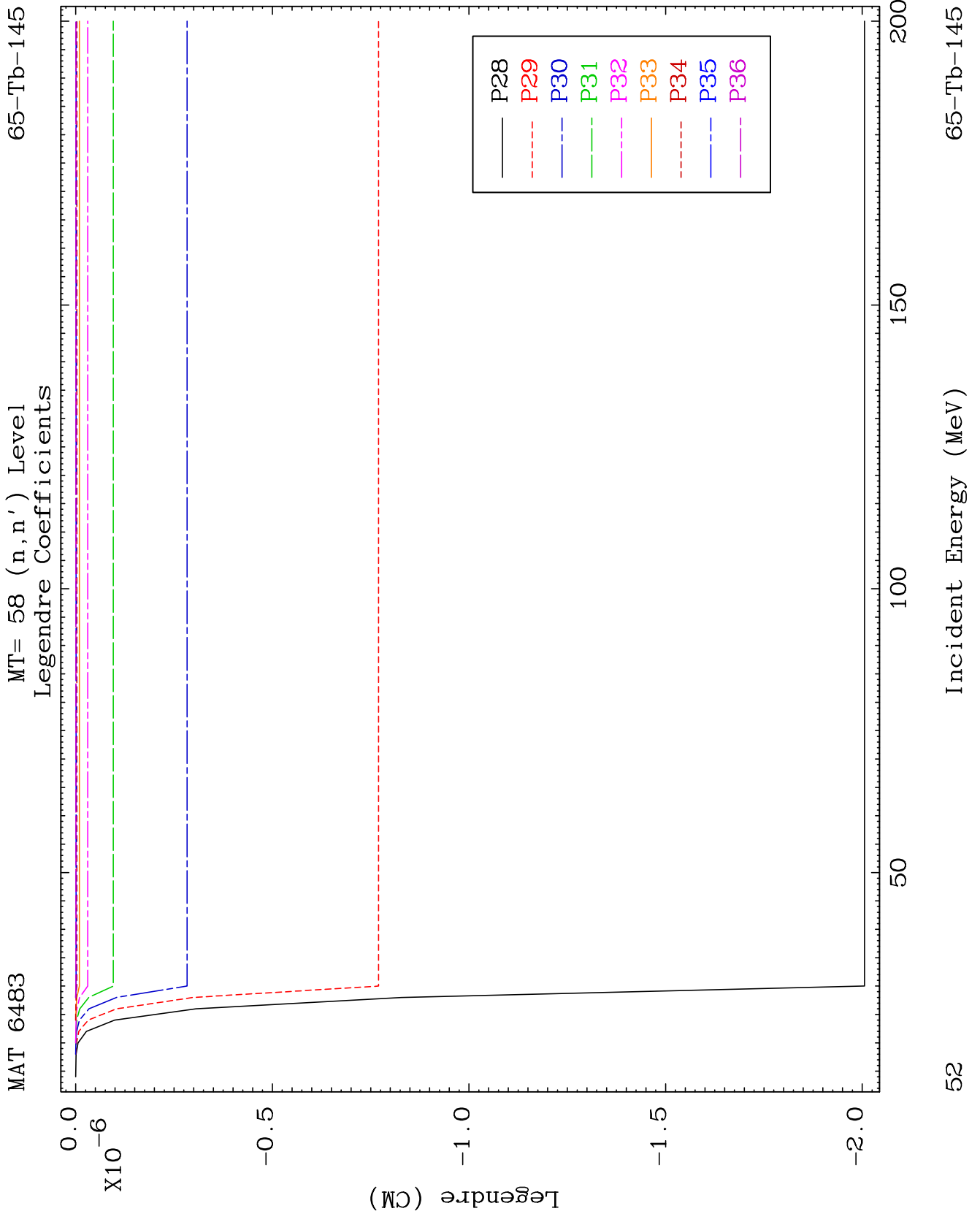


MAT 6483

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

65-Tb-145

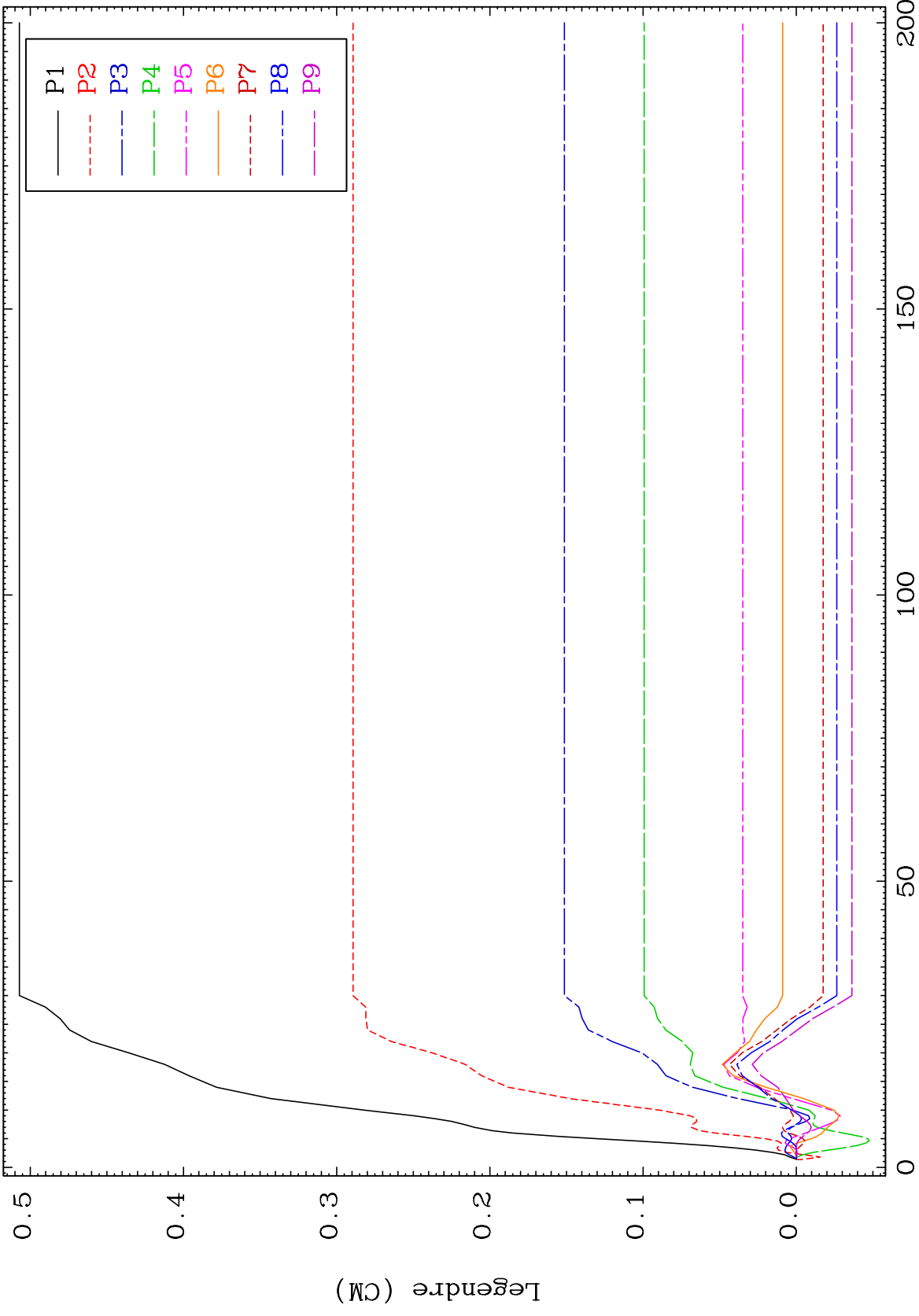




MAT 6483

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

65-Tb-145



65-Tb-145

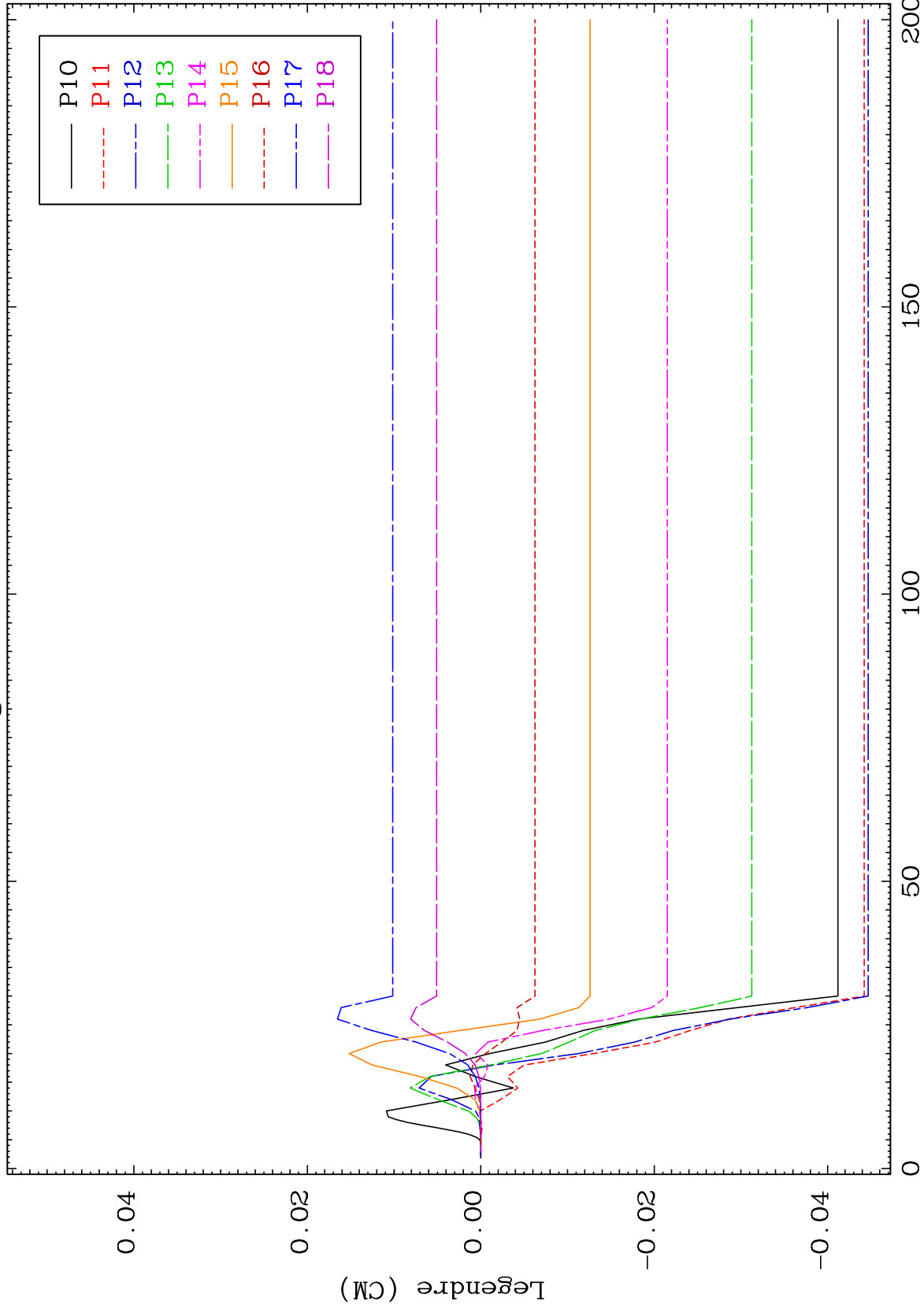
Incident Energy (MeV)

53

MAT 6483

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

65-Tb-145



54

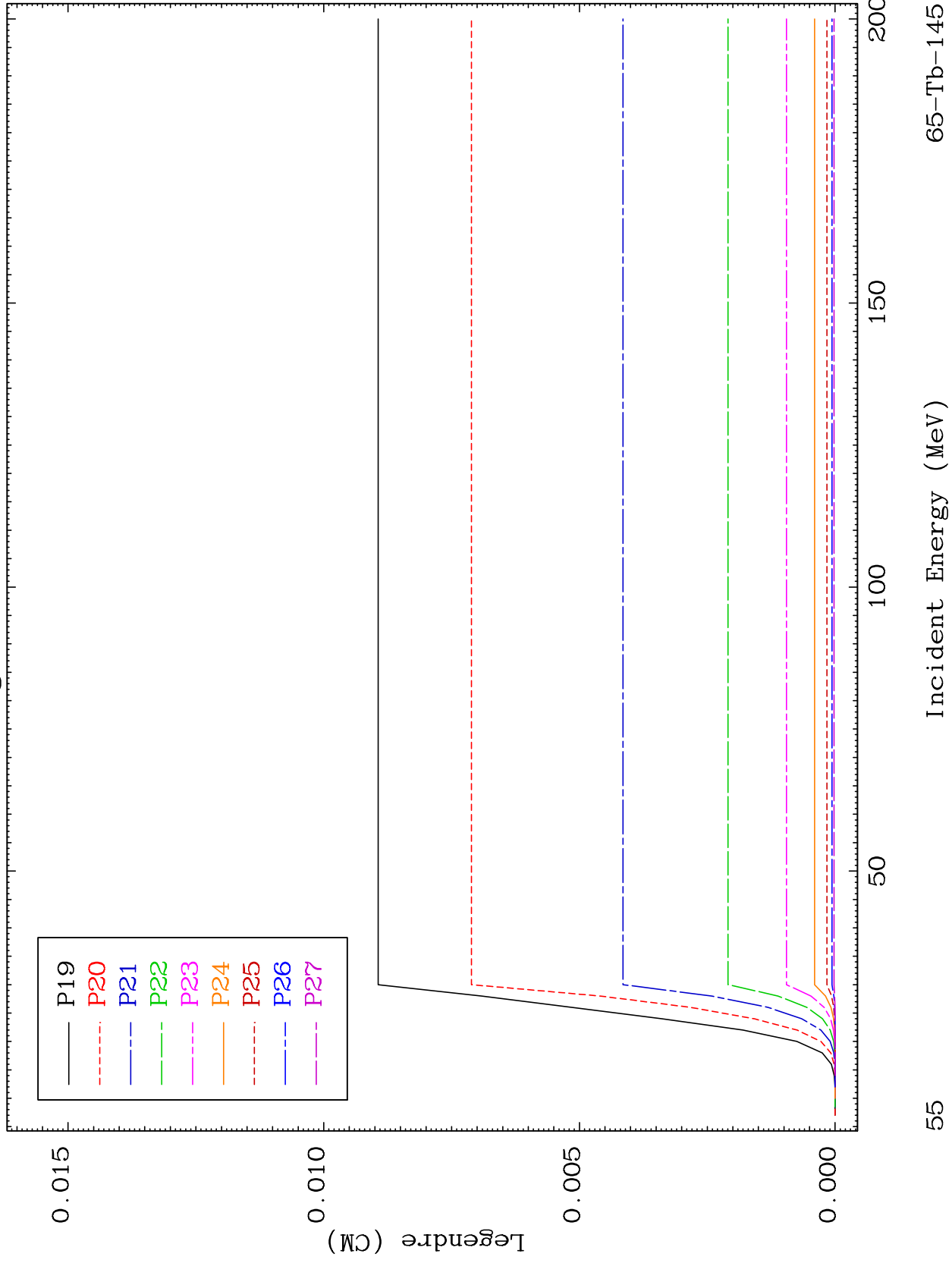
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



55

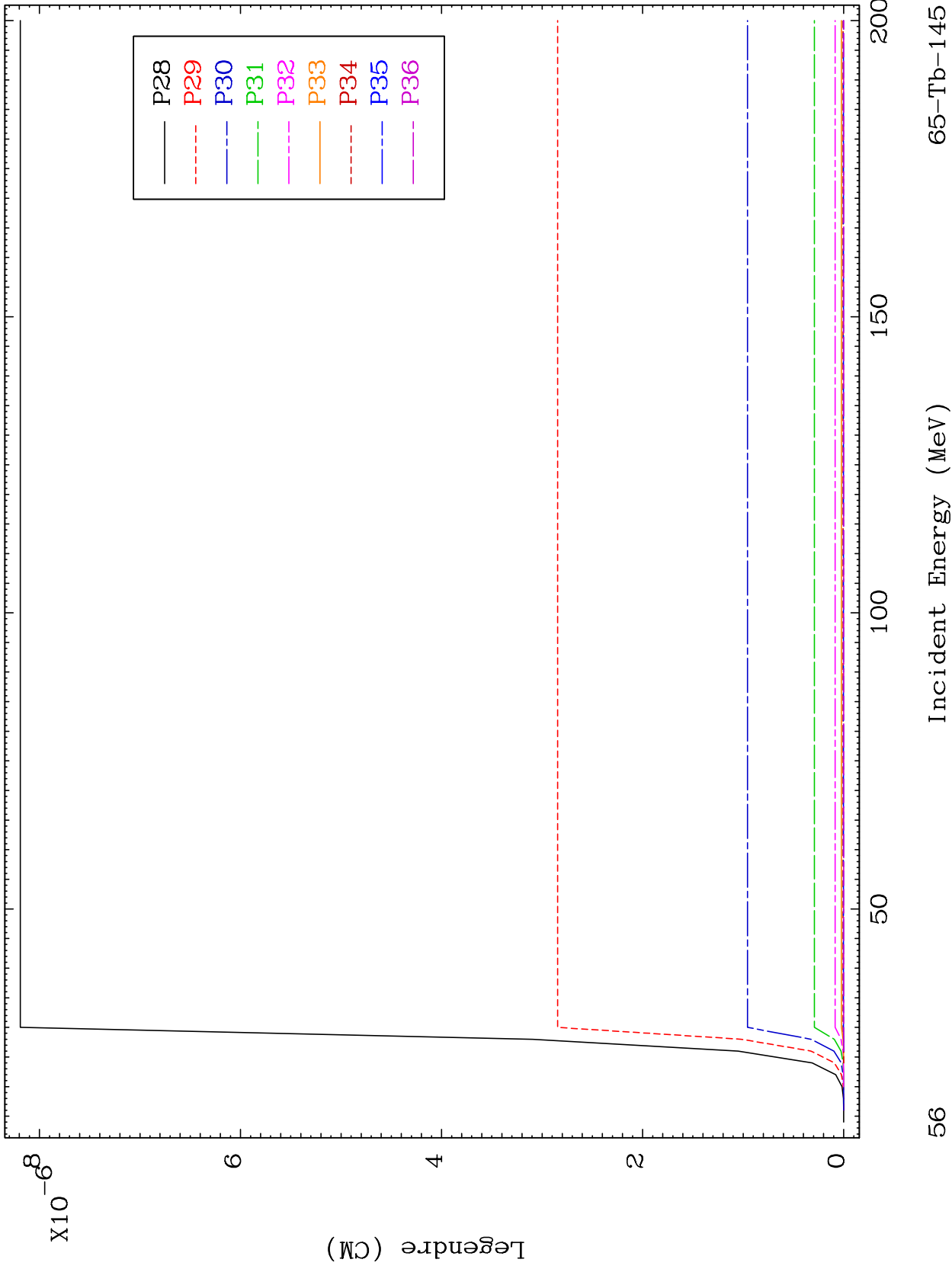
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



56

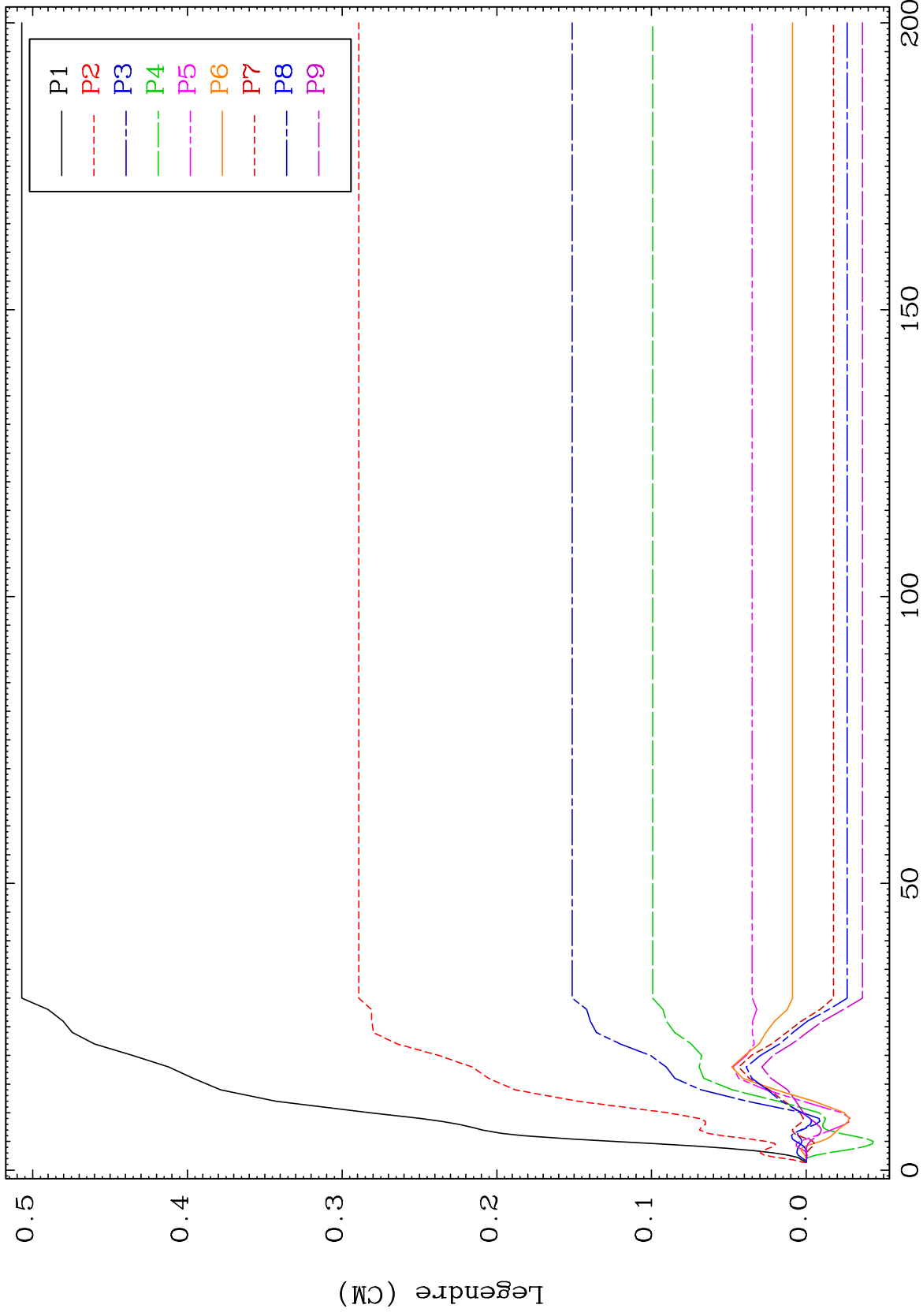
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



57

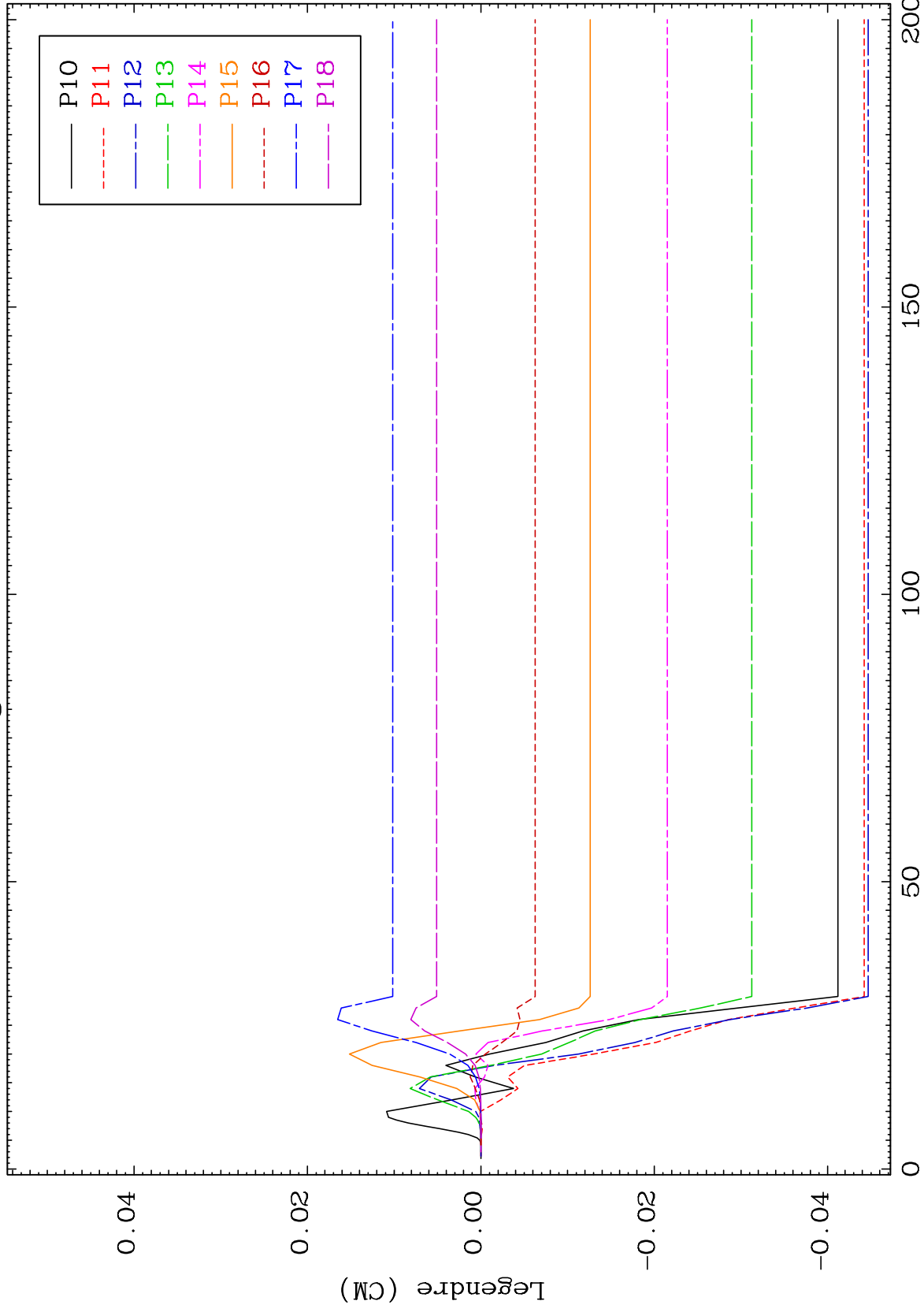
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



58

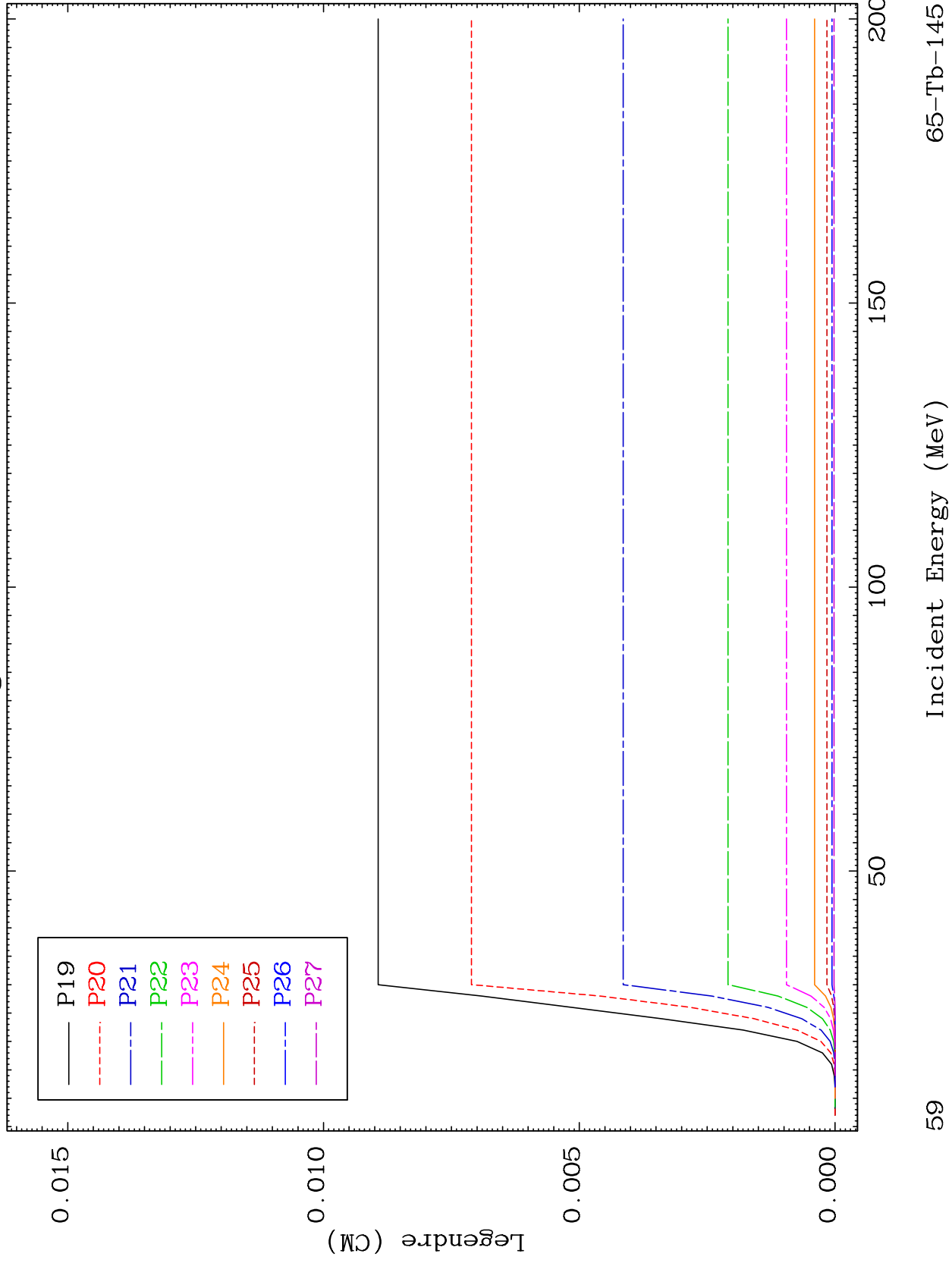
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



59

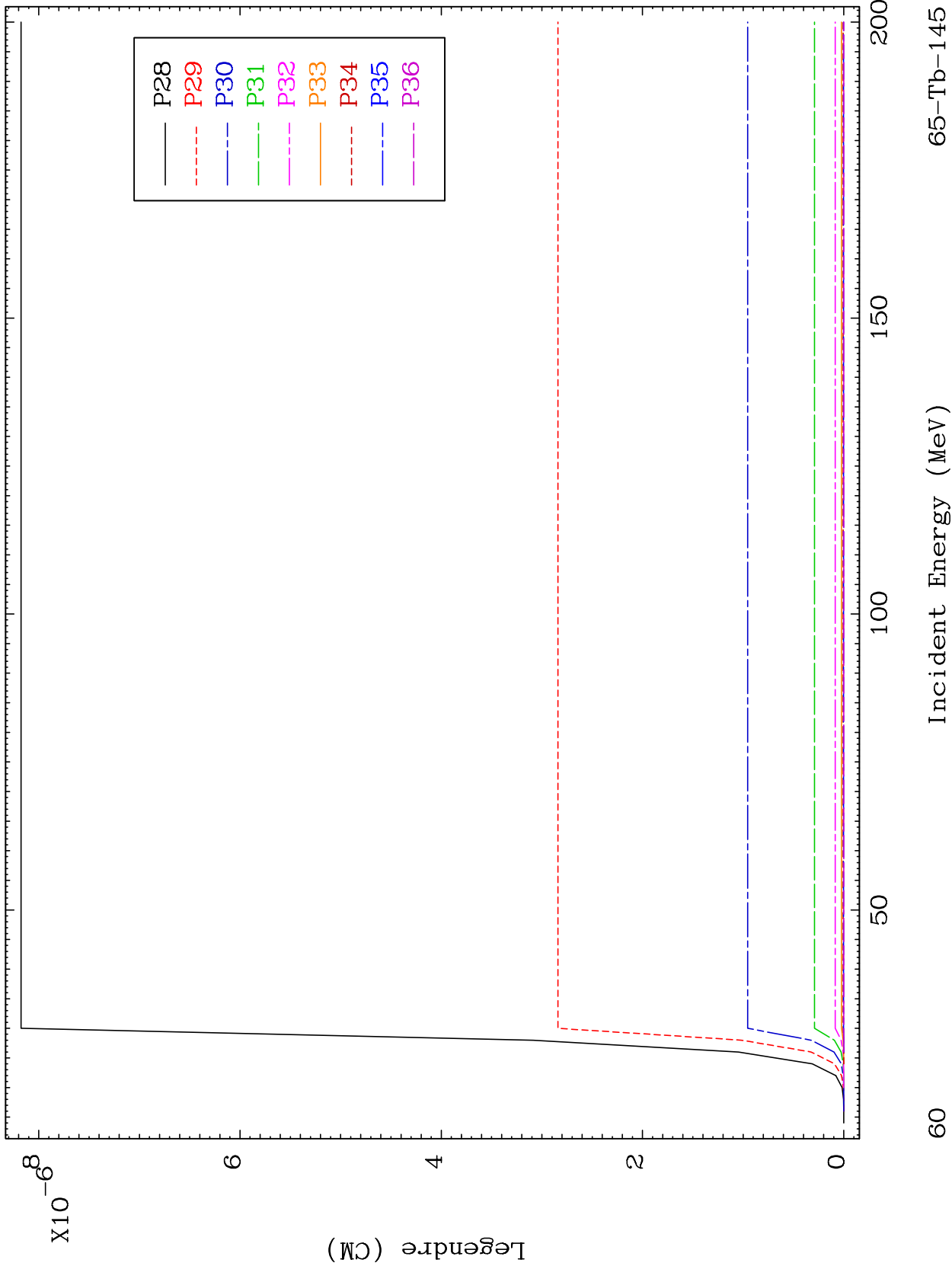
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145

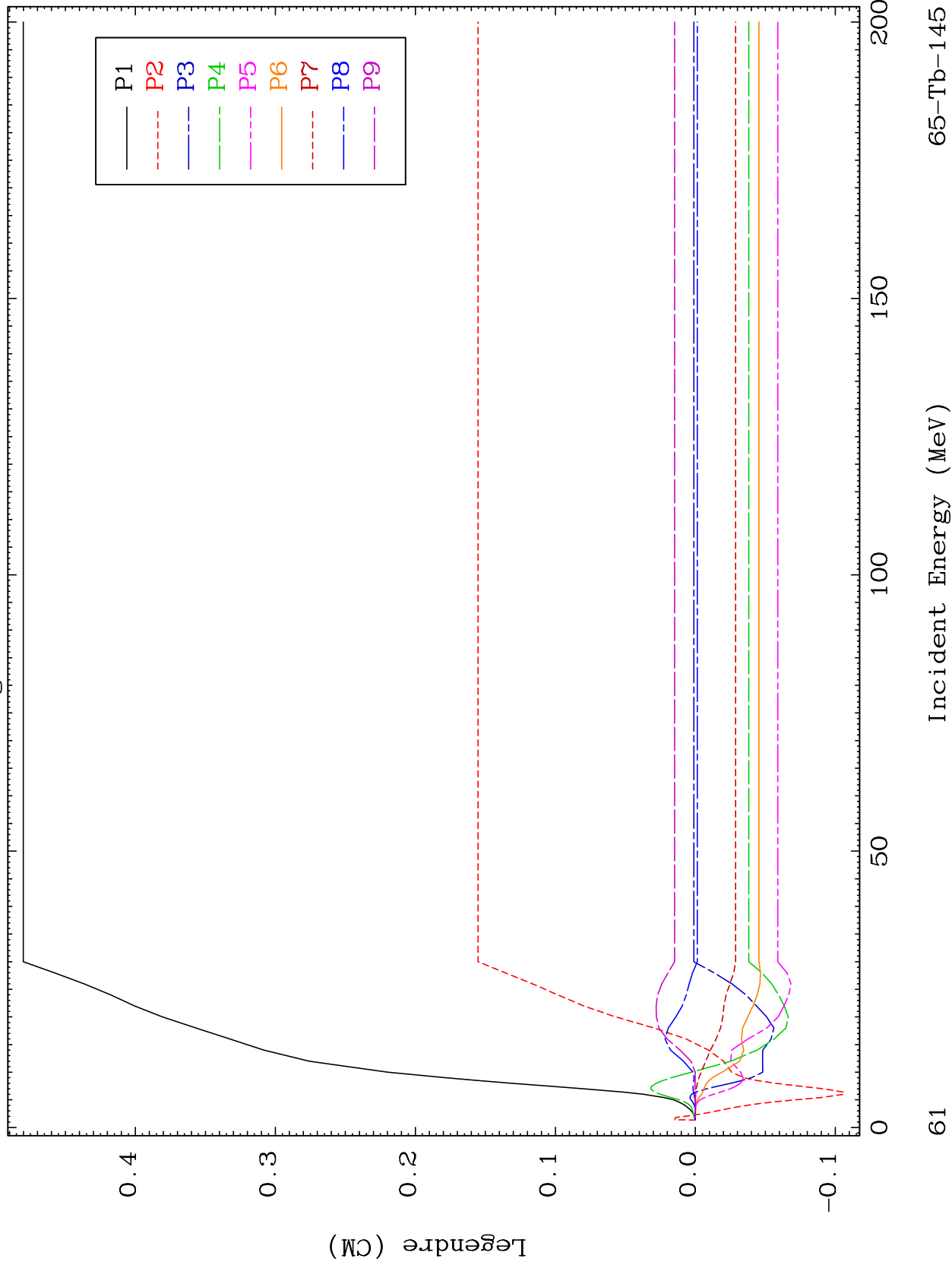


65-Tb-145

MAT 6483

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

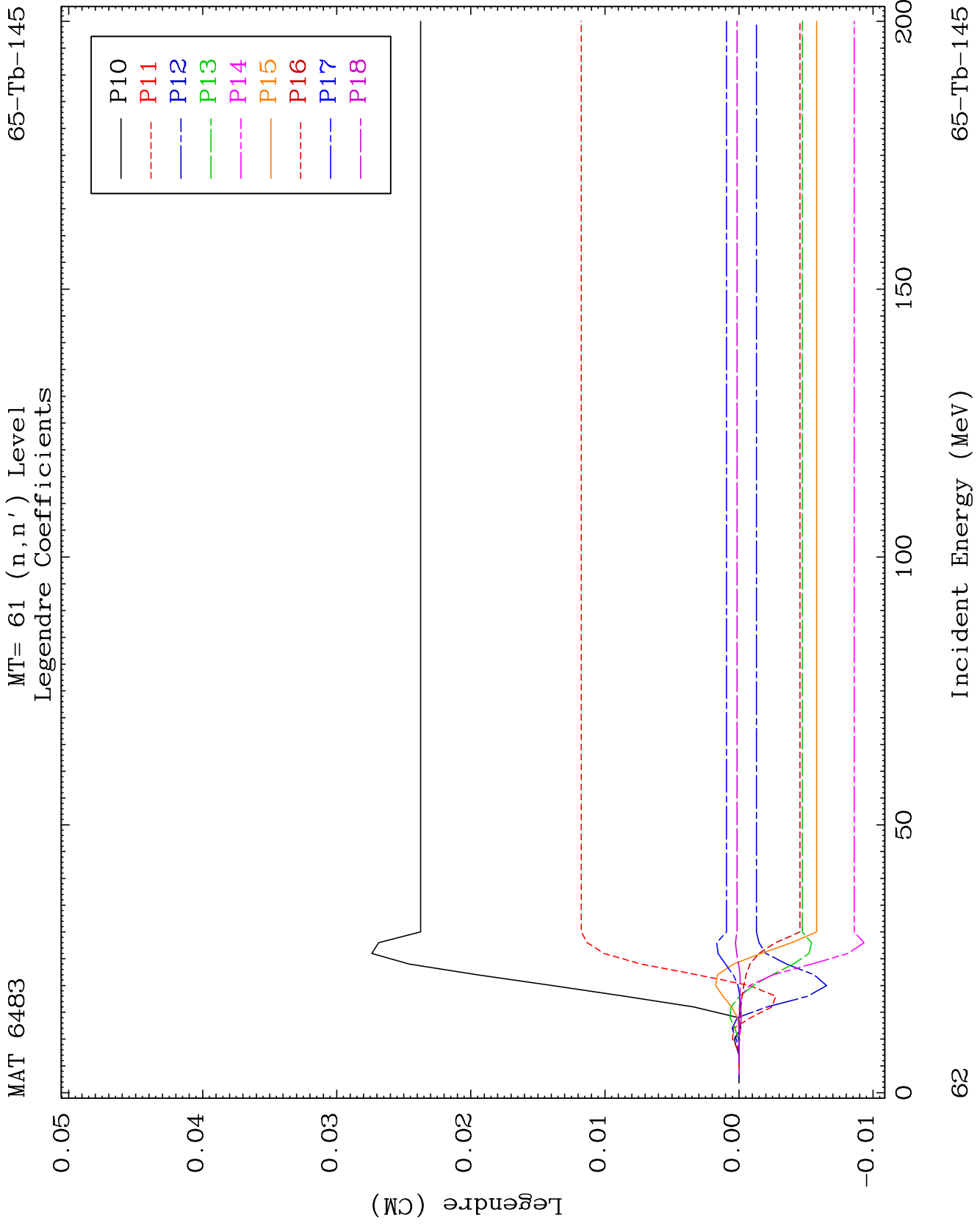
65-Tb-145



65-Tb-145

Incident Energy (MeV)

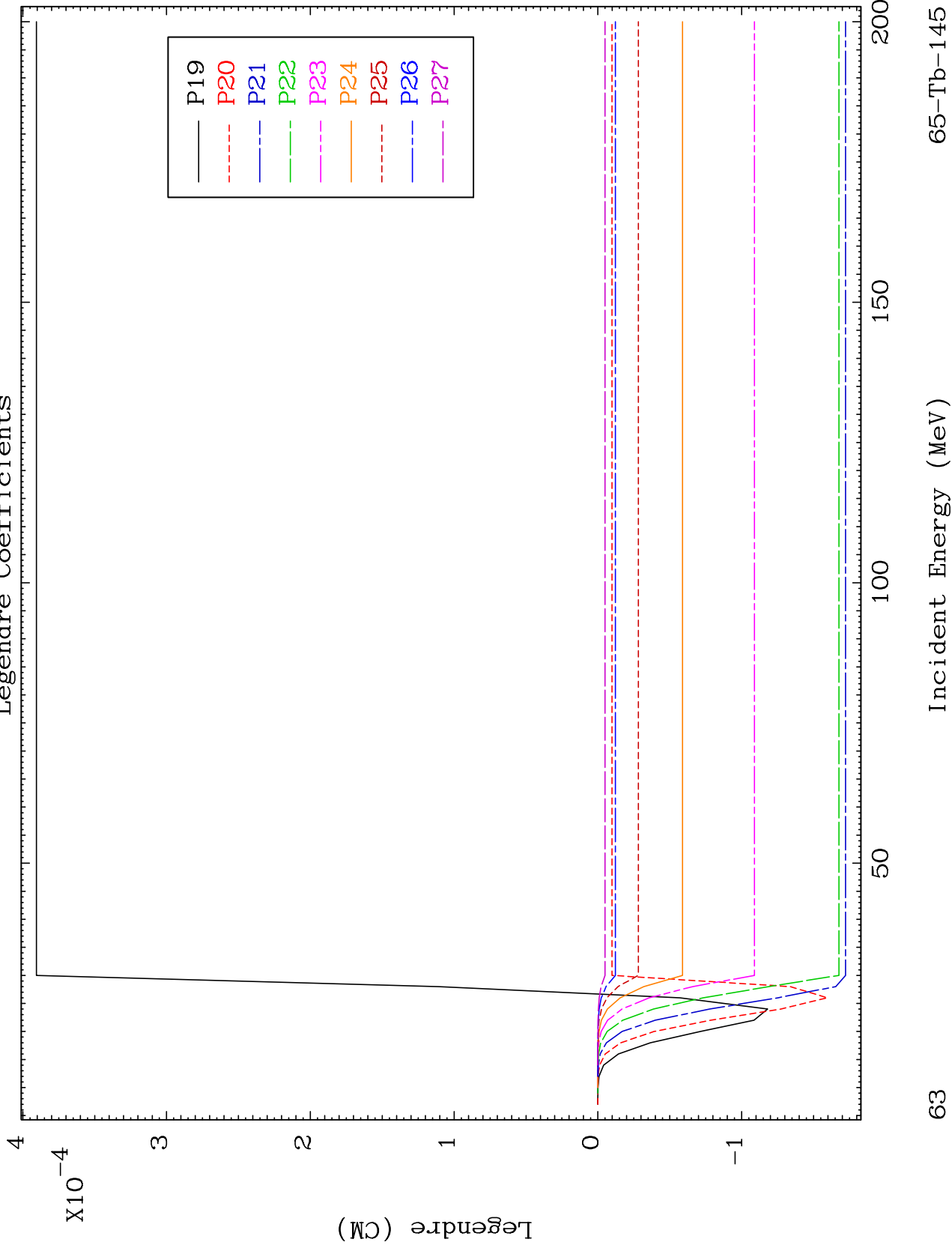
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MAT 6483

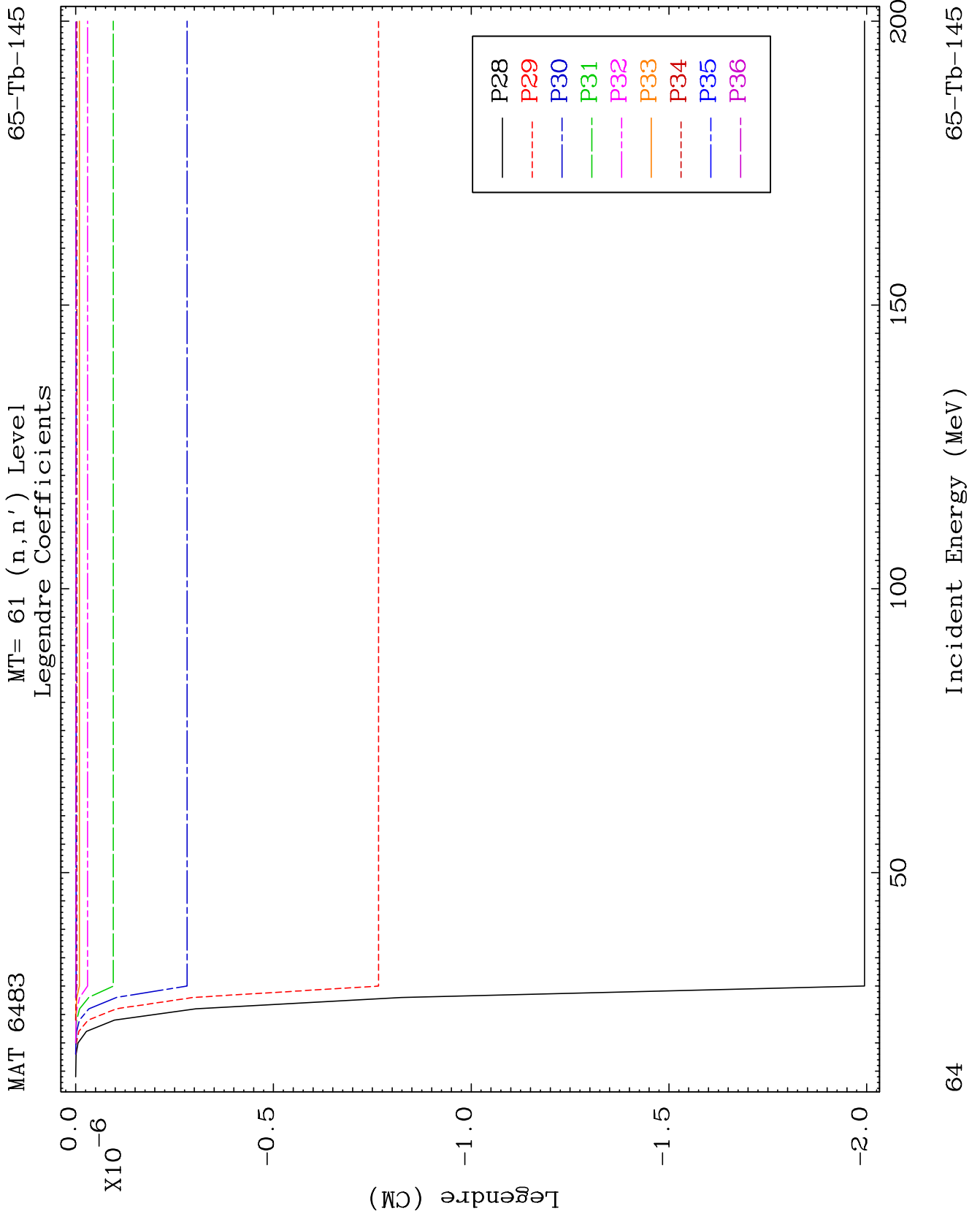
MT= 61 (n,n') Level
Legendre Coefficients

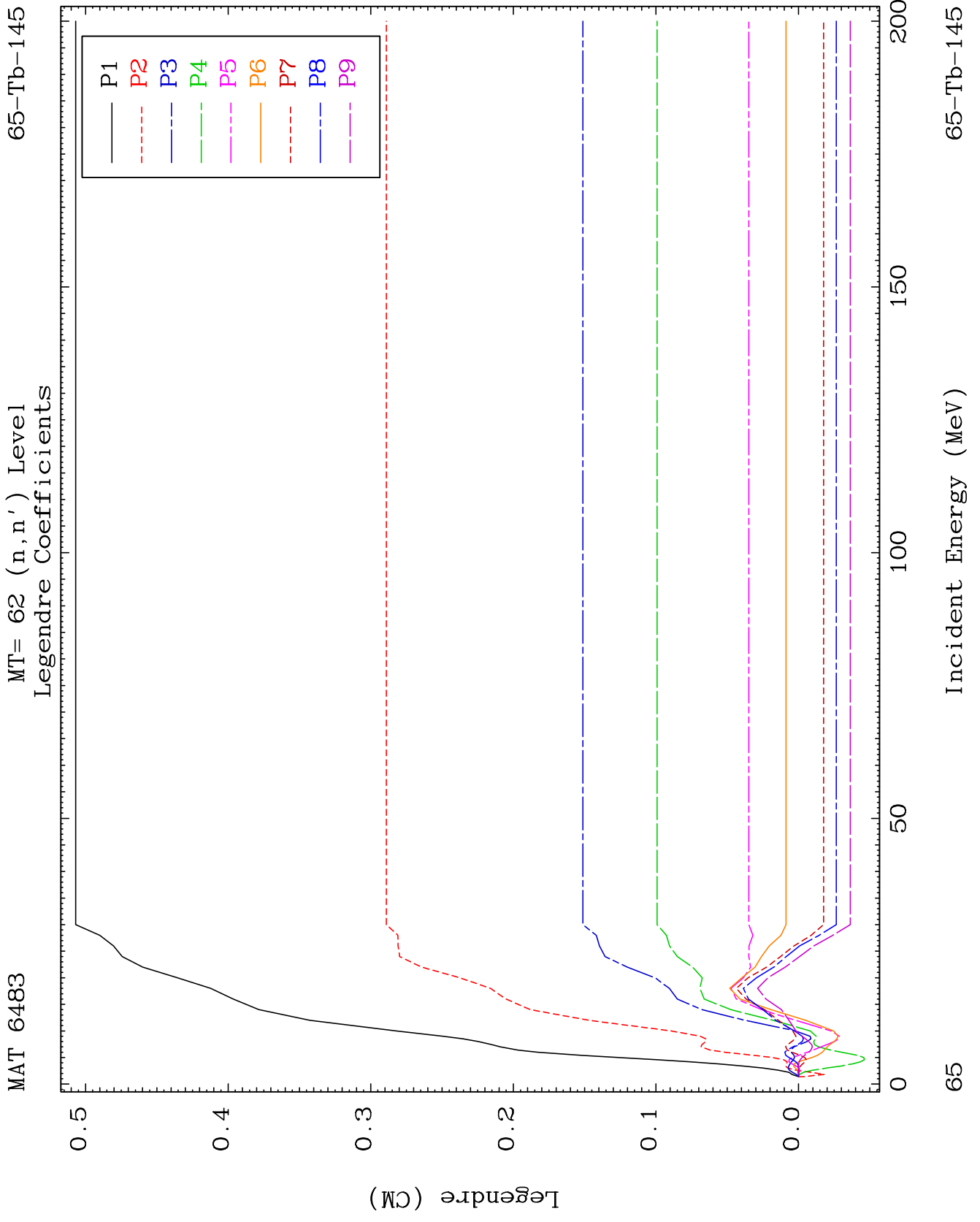
65-Tb-145



63

65-Tb-145

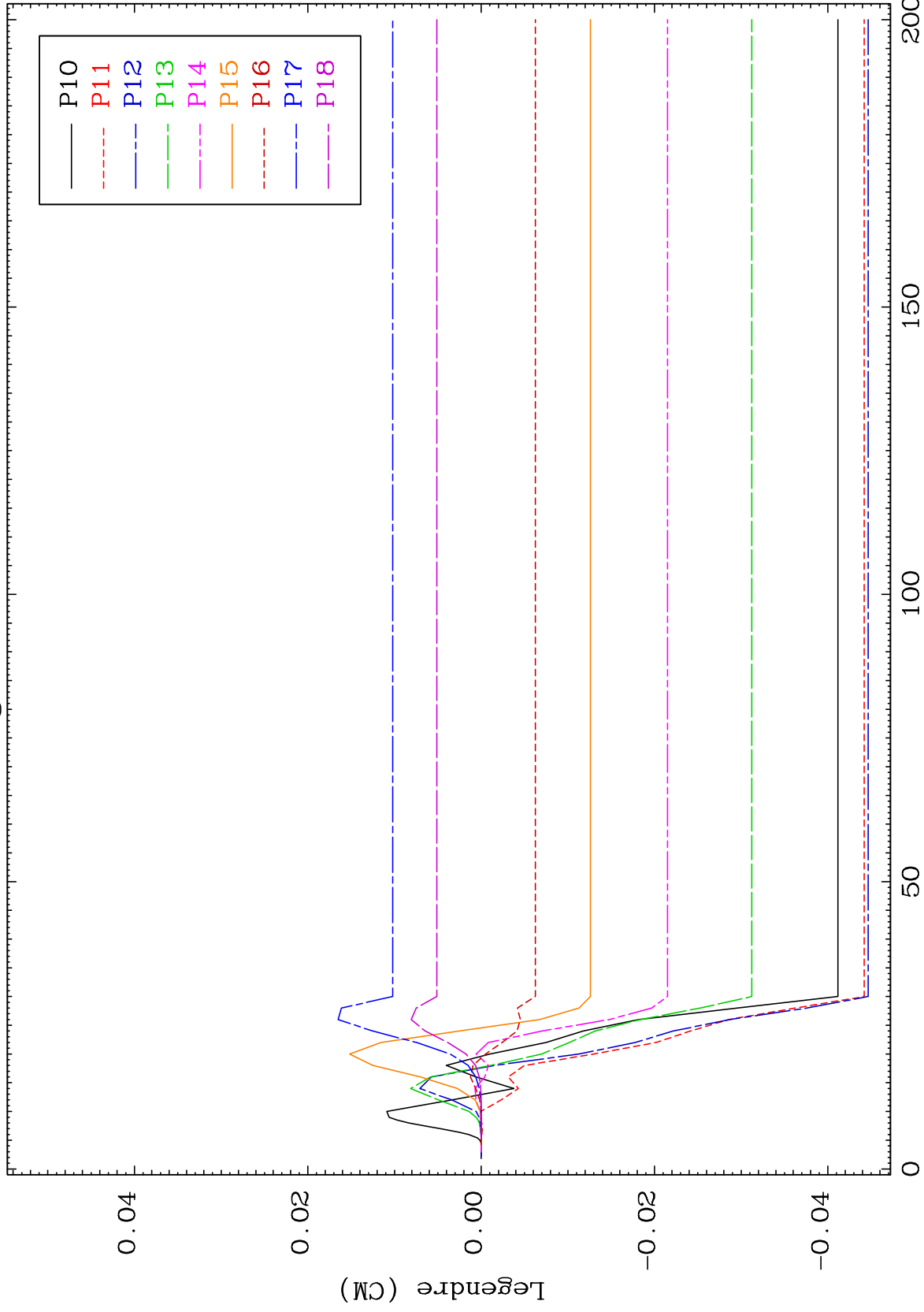




MAT 6483

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

65-Tb-145



66

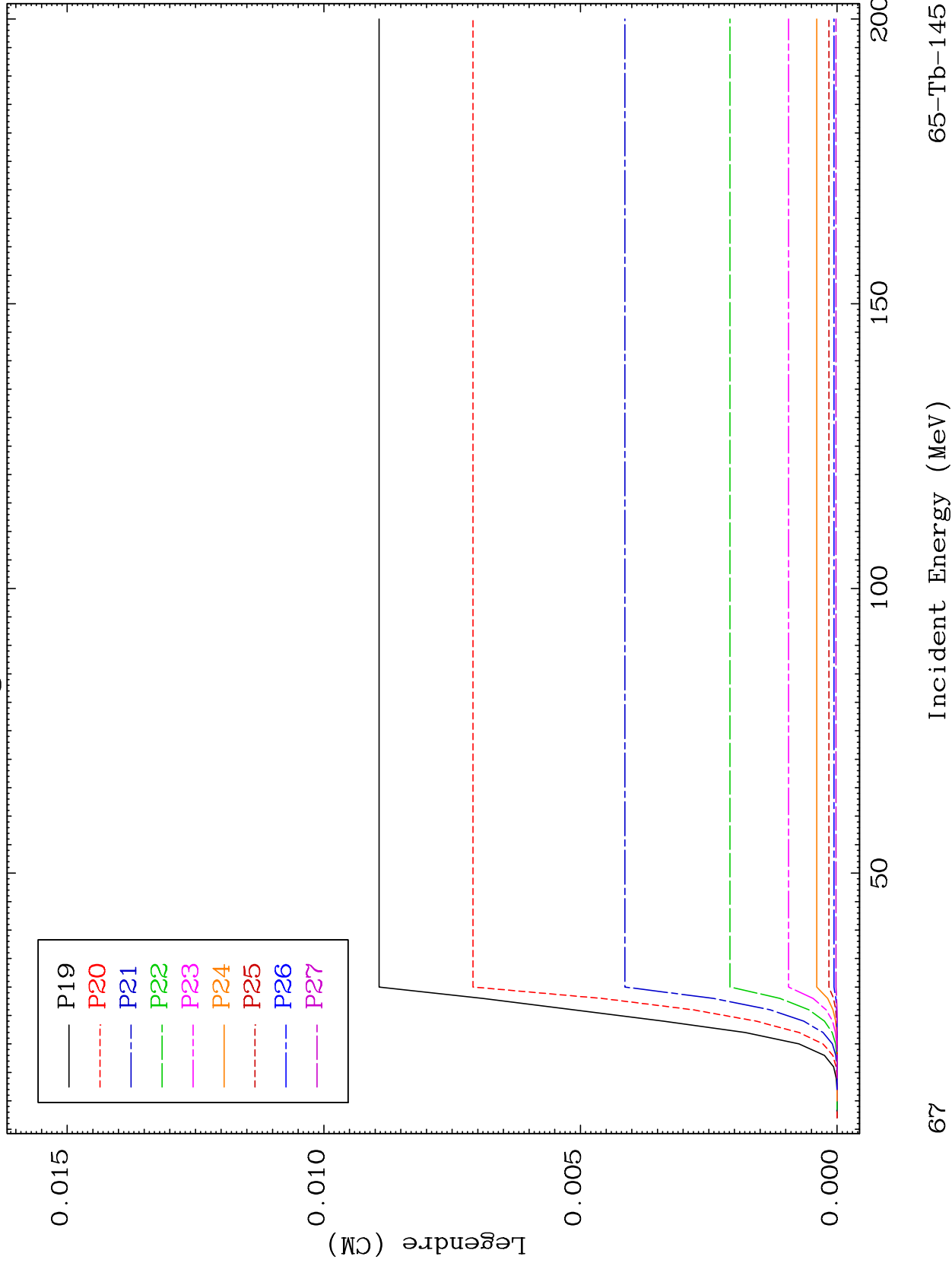
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



67

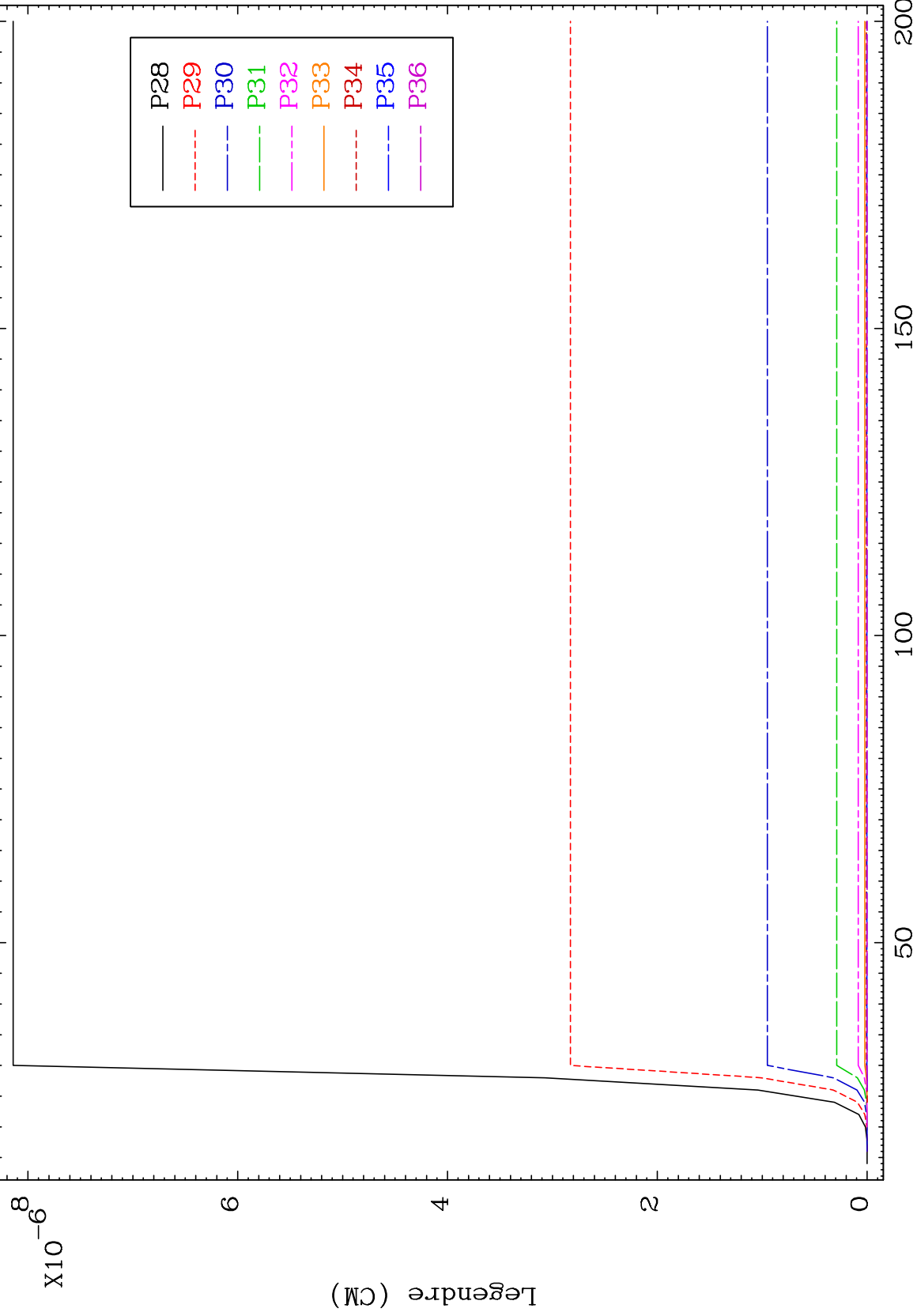
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



68

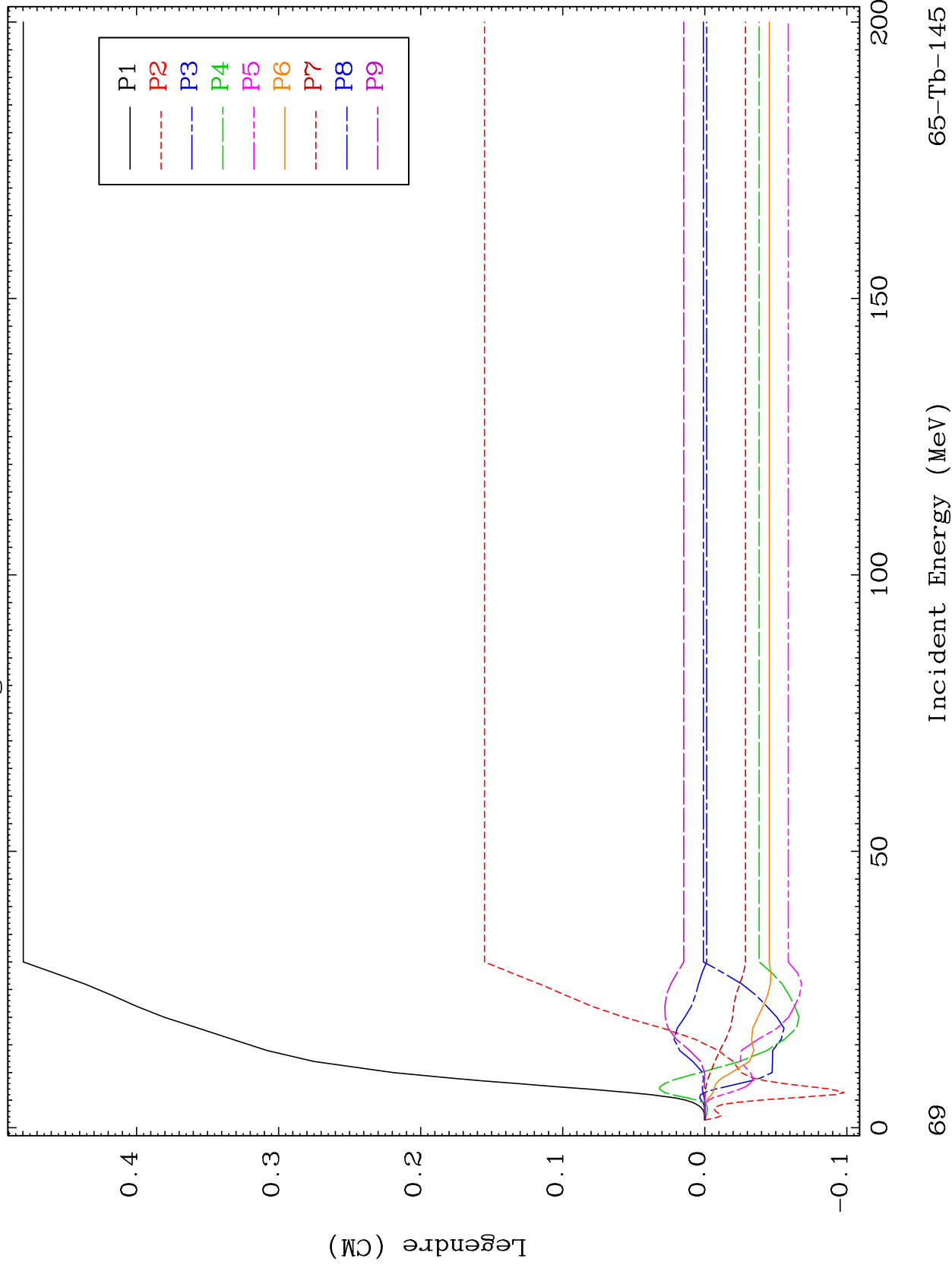
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



65-Tb-145

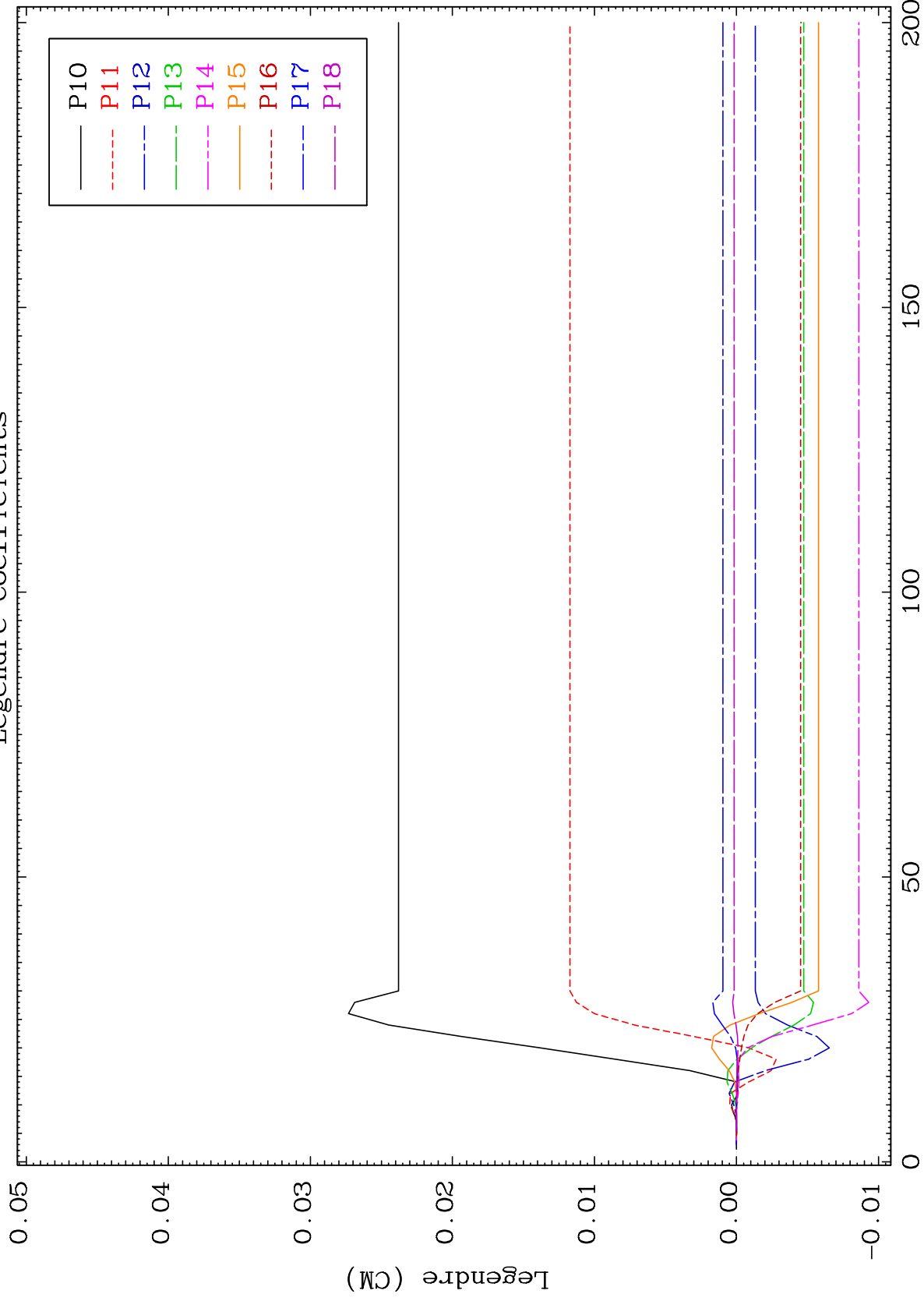
Incident Energy (MeV)

69

MAT 6483

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

65-Tb-145



70

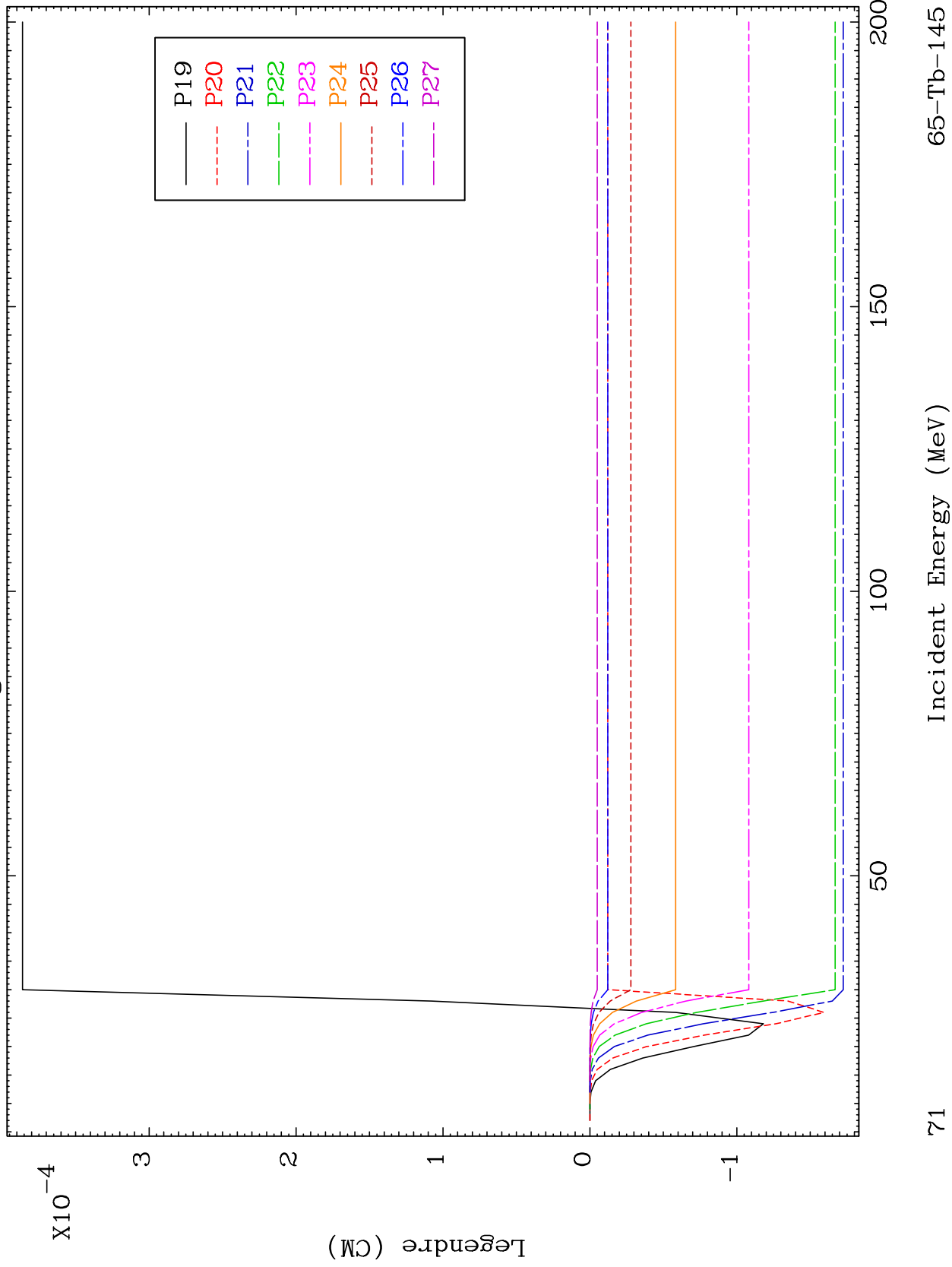
Incident Energy (MeV)

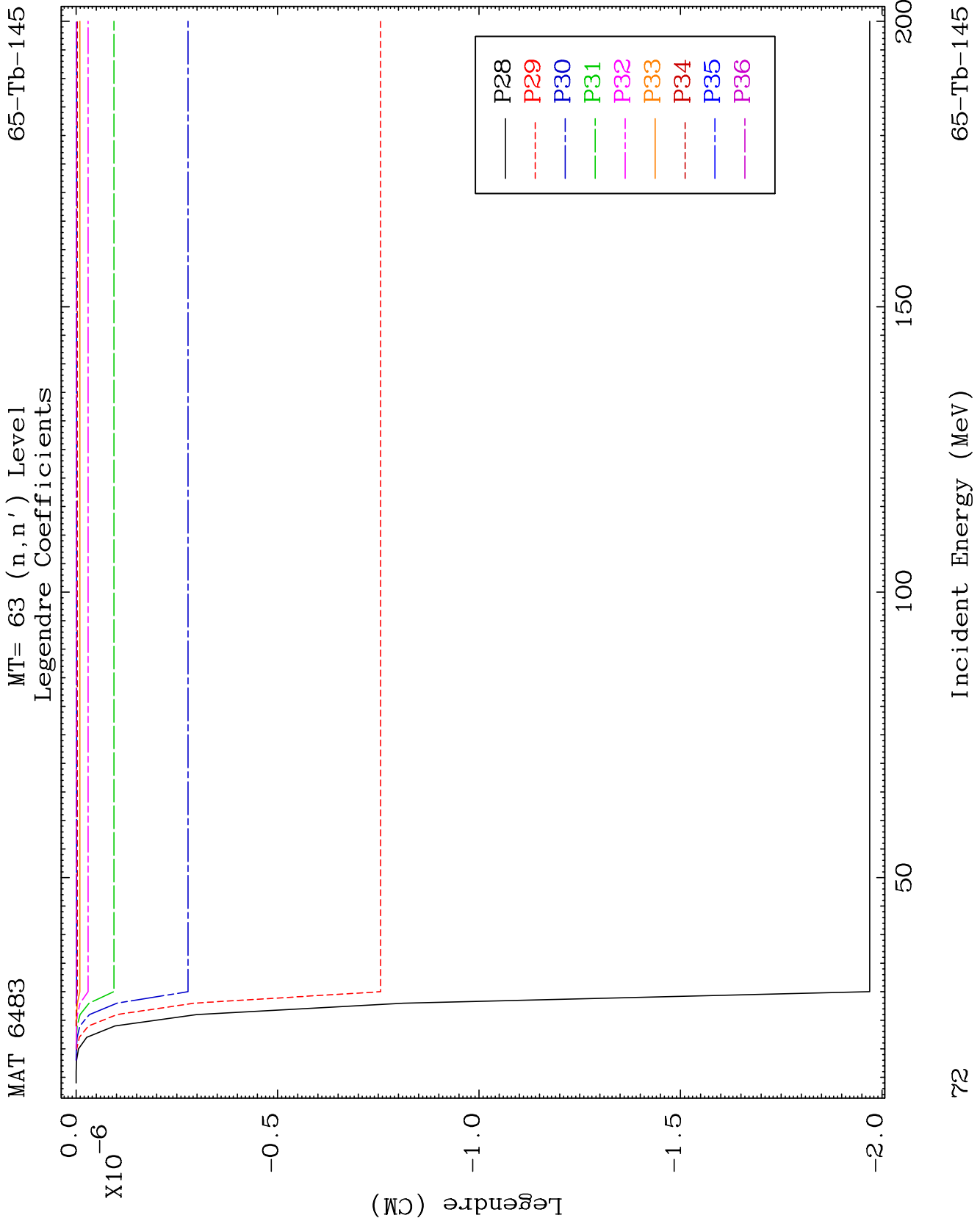
65-Tb-145

MAT 6483

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

65-Tb-145

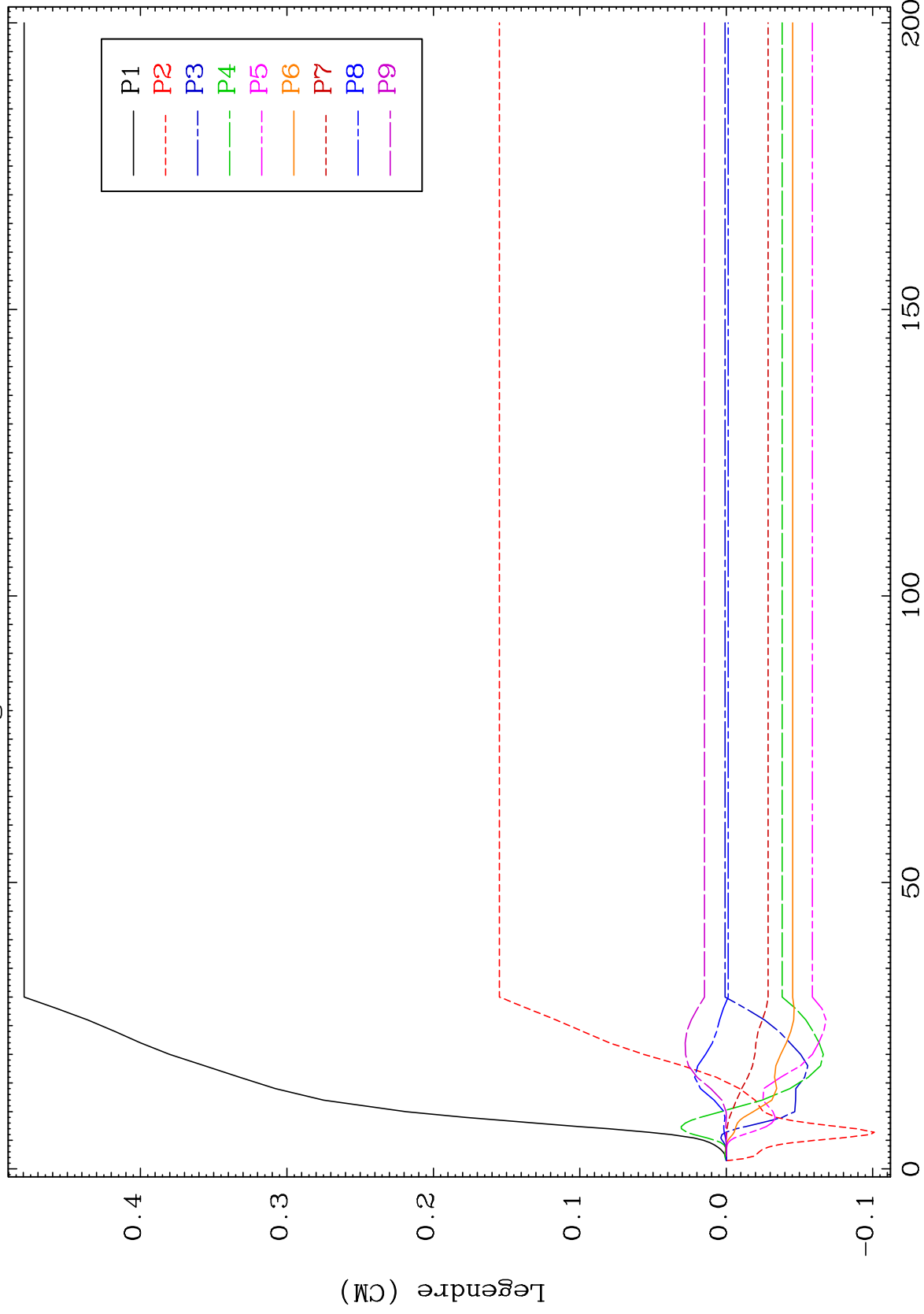




MAT 6483

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

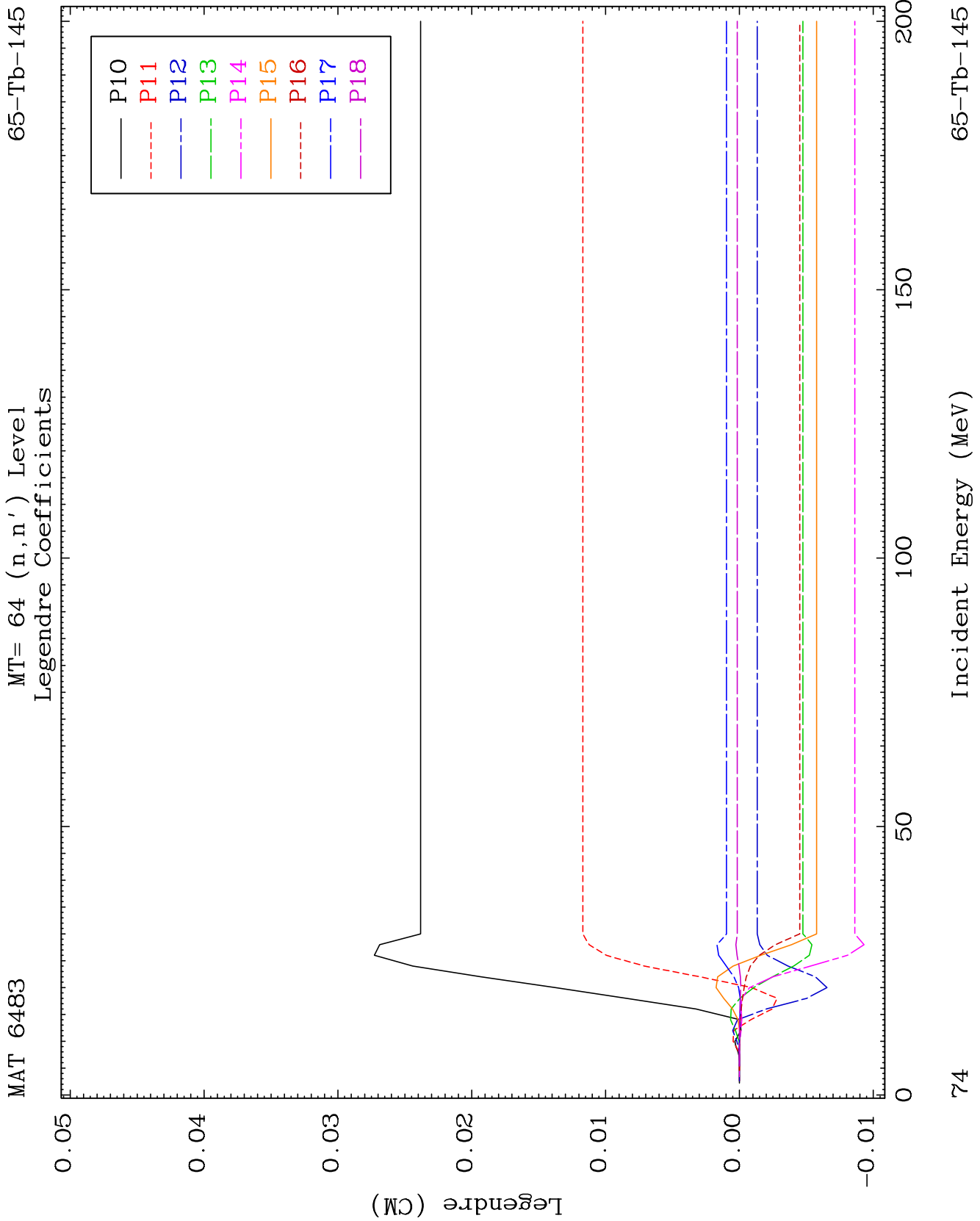
65-Tb-145



73

Incident Energy (MeV)

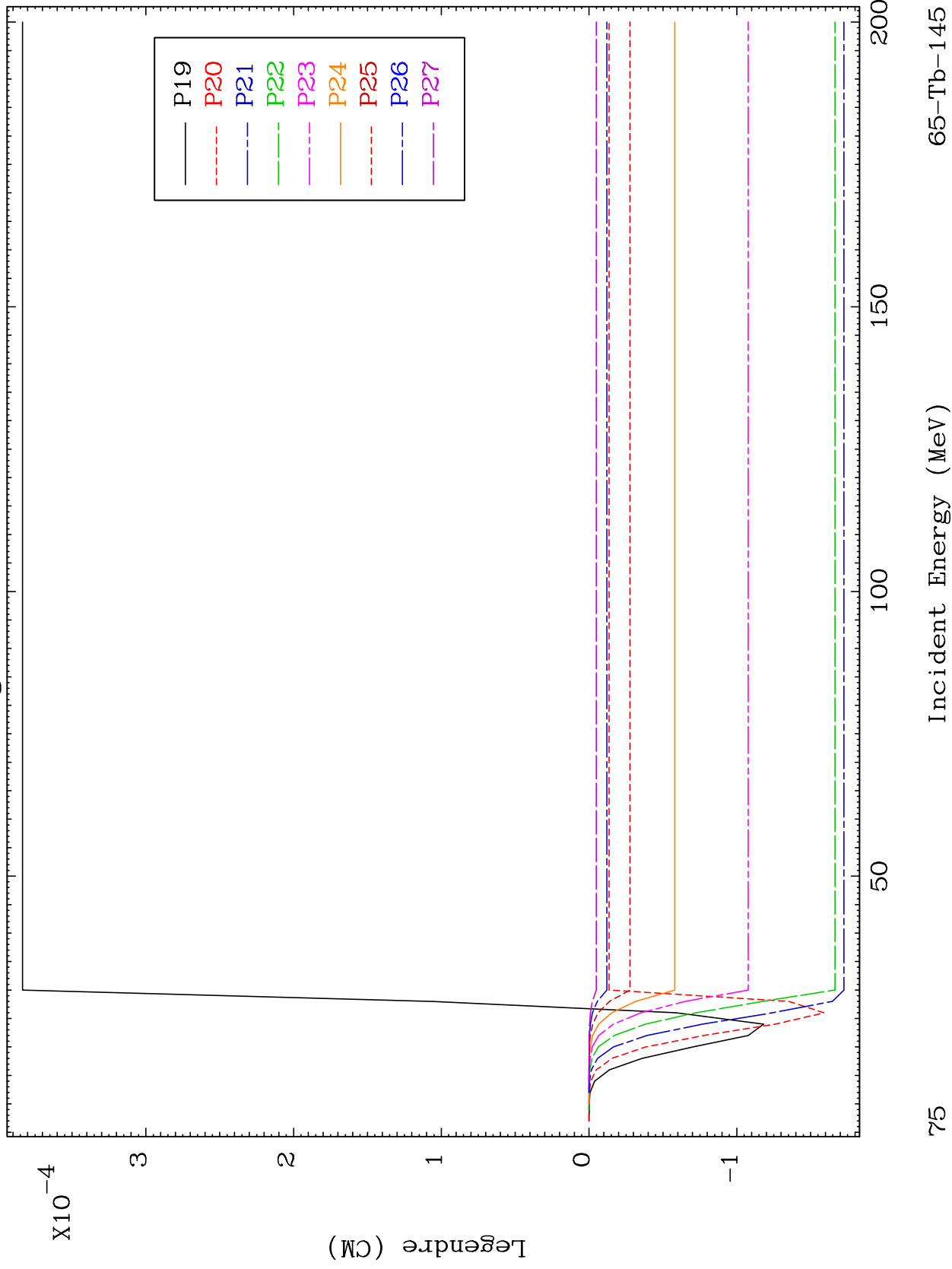
65-Tb-145



MAT 6483

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

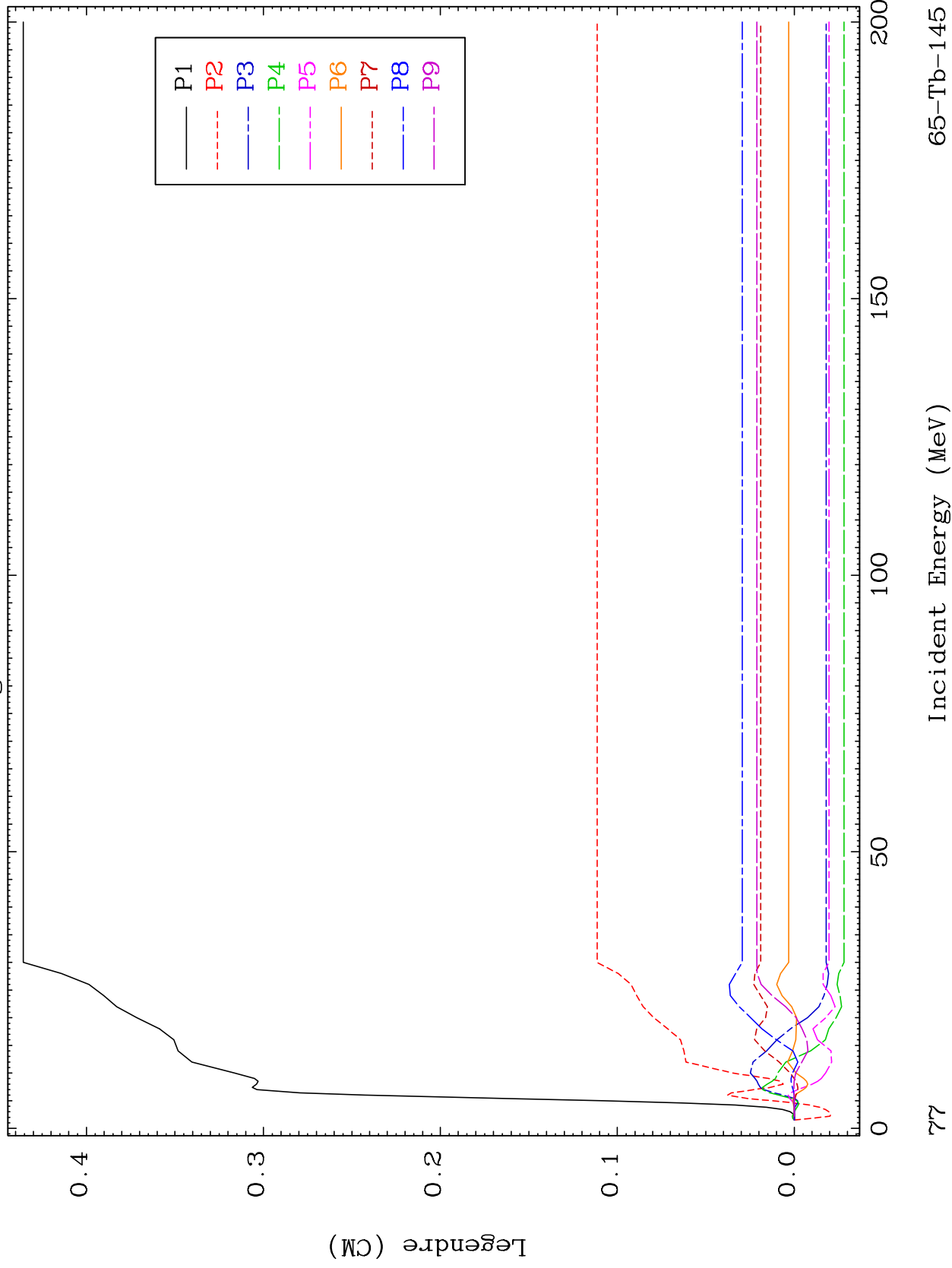
65-Tb-145



MAT 6483

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

65-Tb-145



77

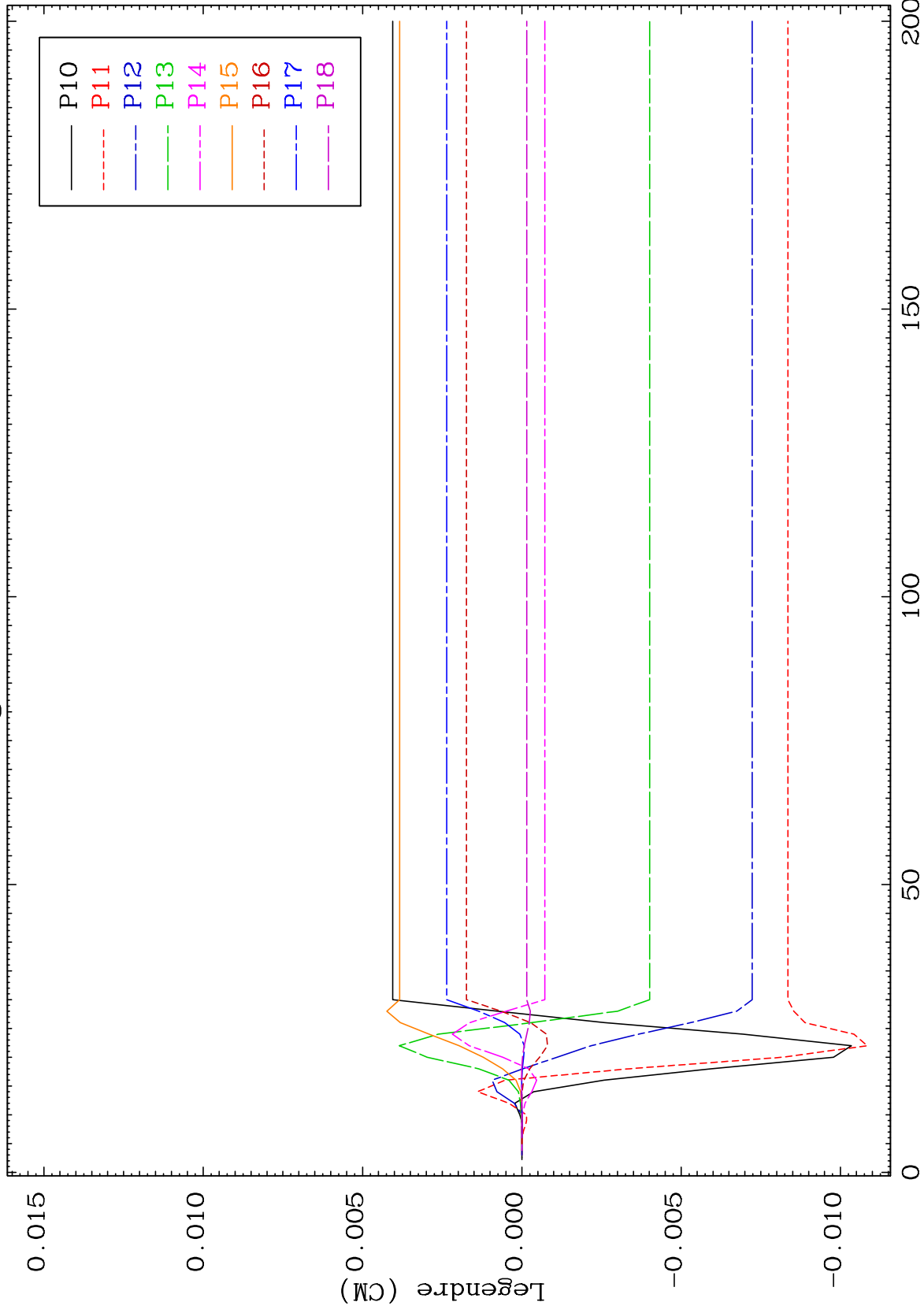
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



78

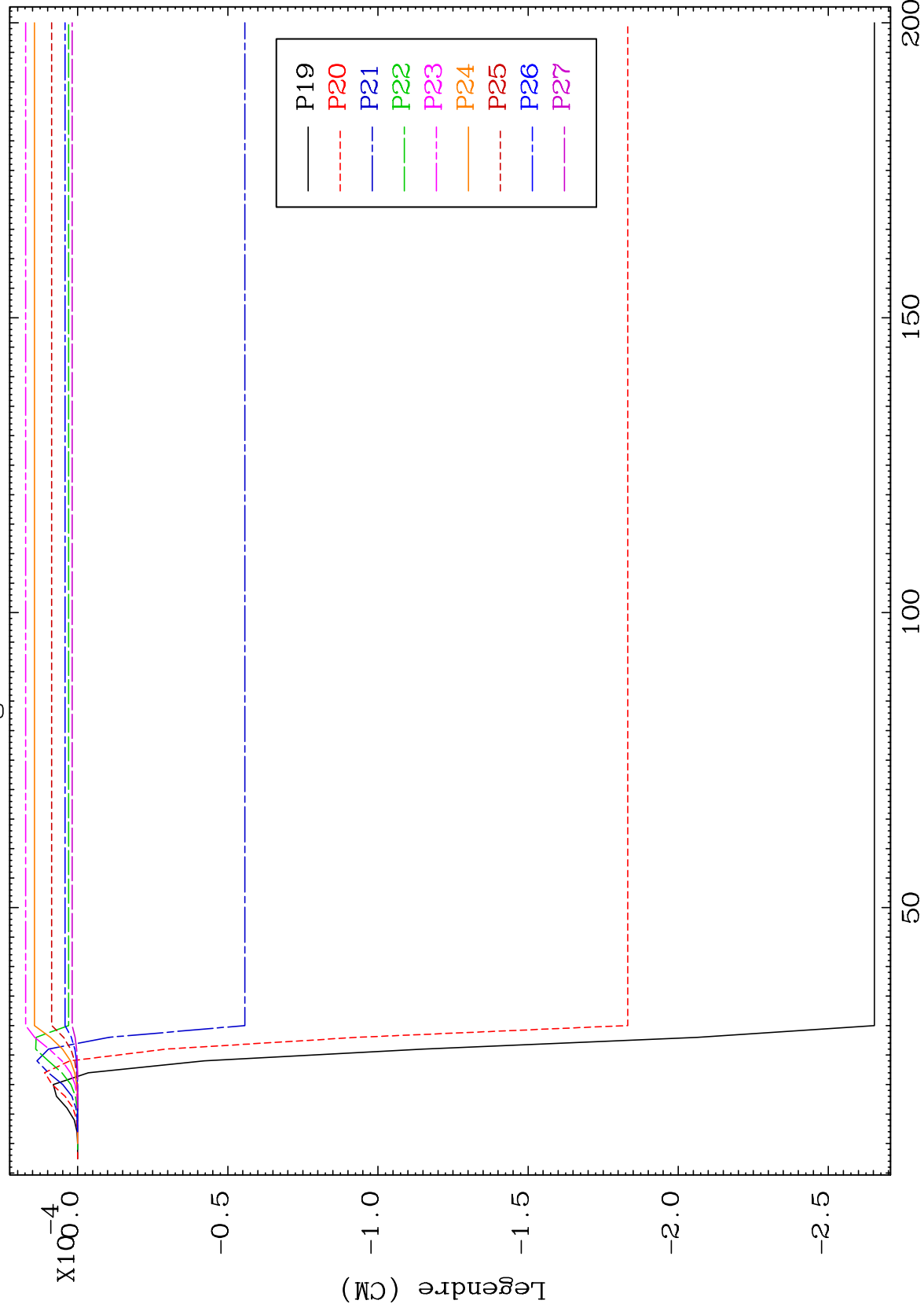
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



79

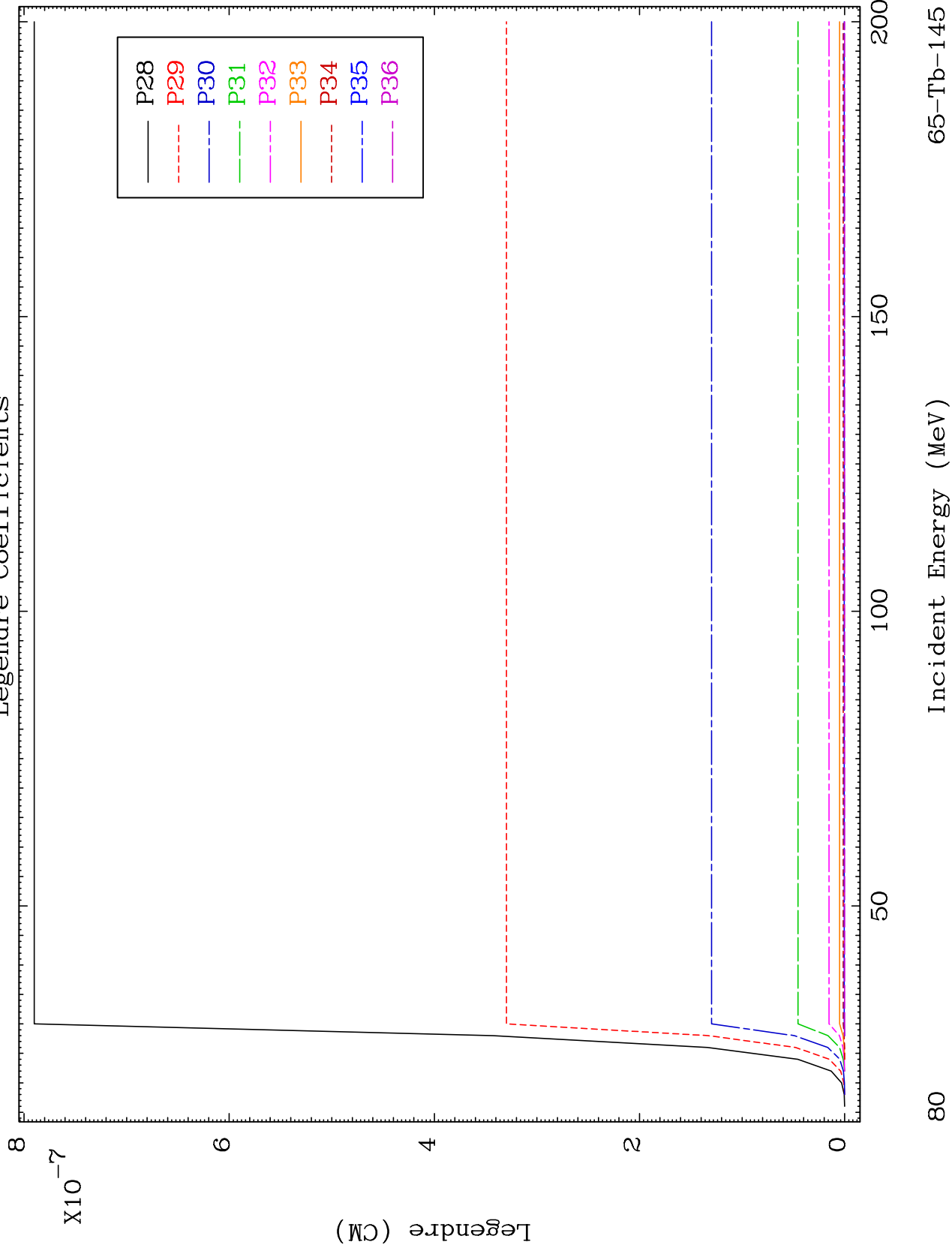
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

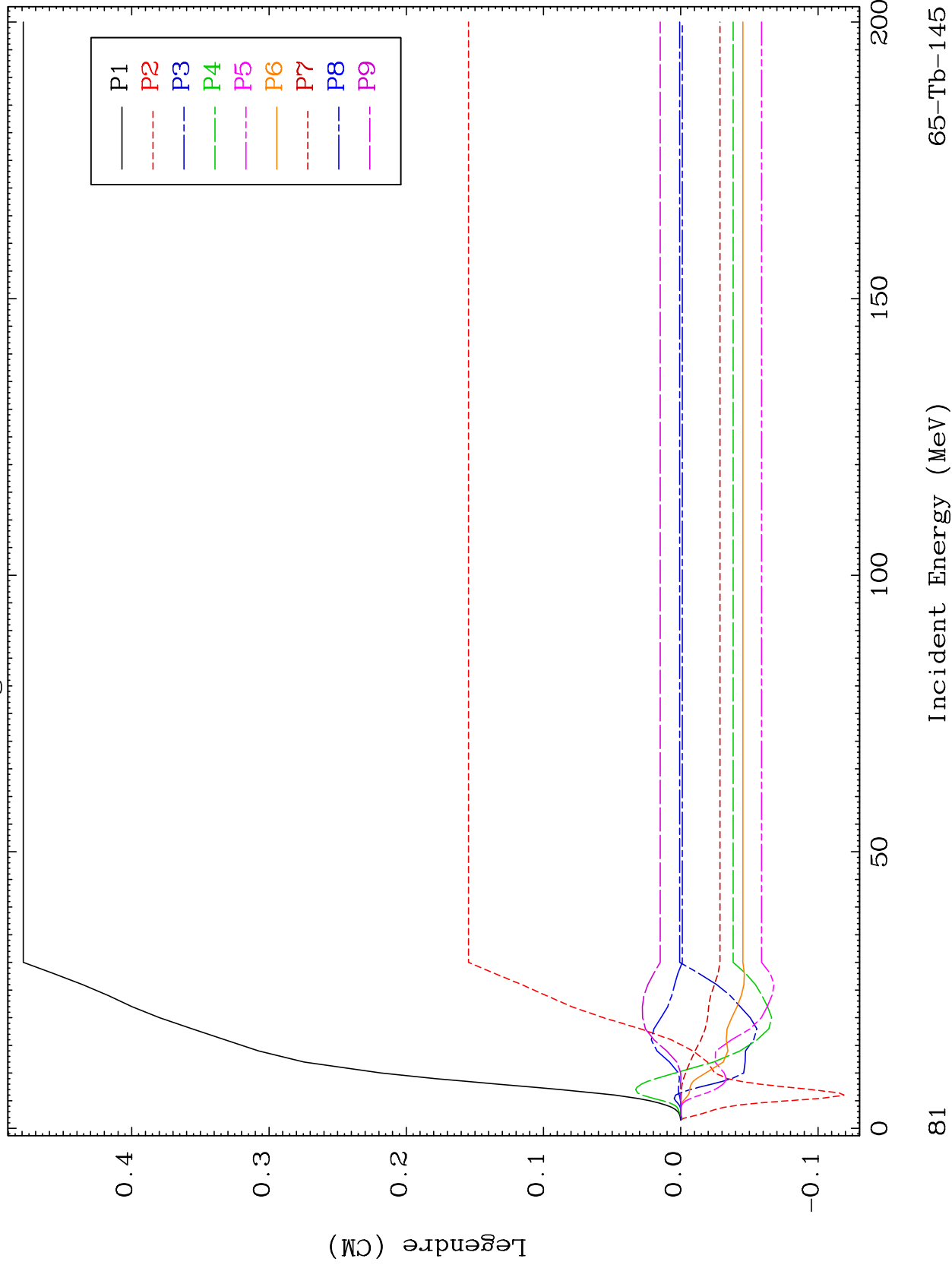
65-Tb-145



MAT 6483

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

65-Tb-145



81

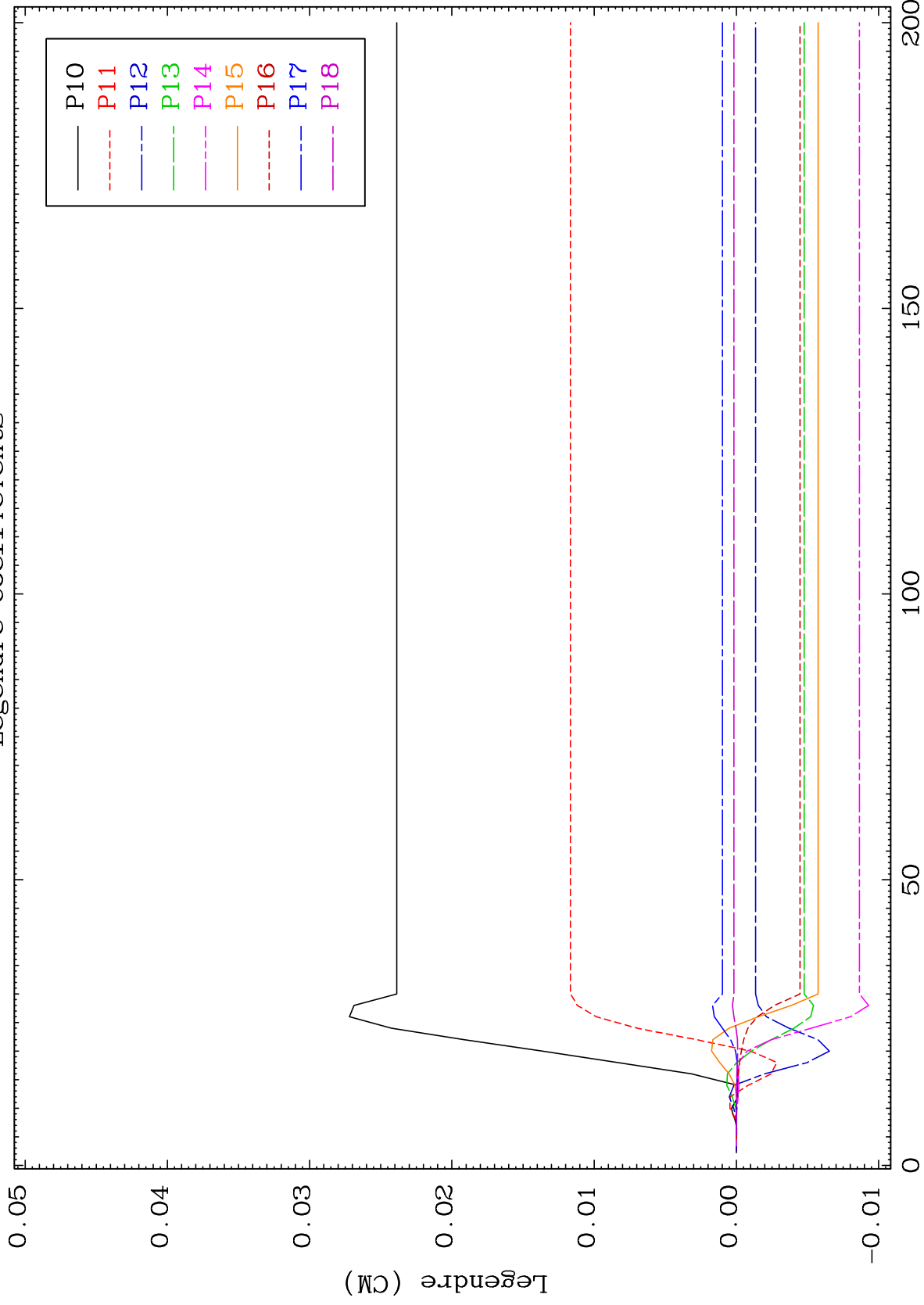
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



82

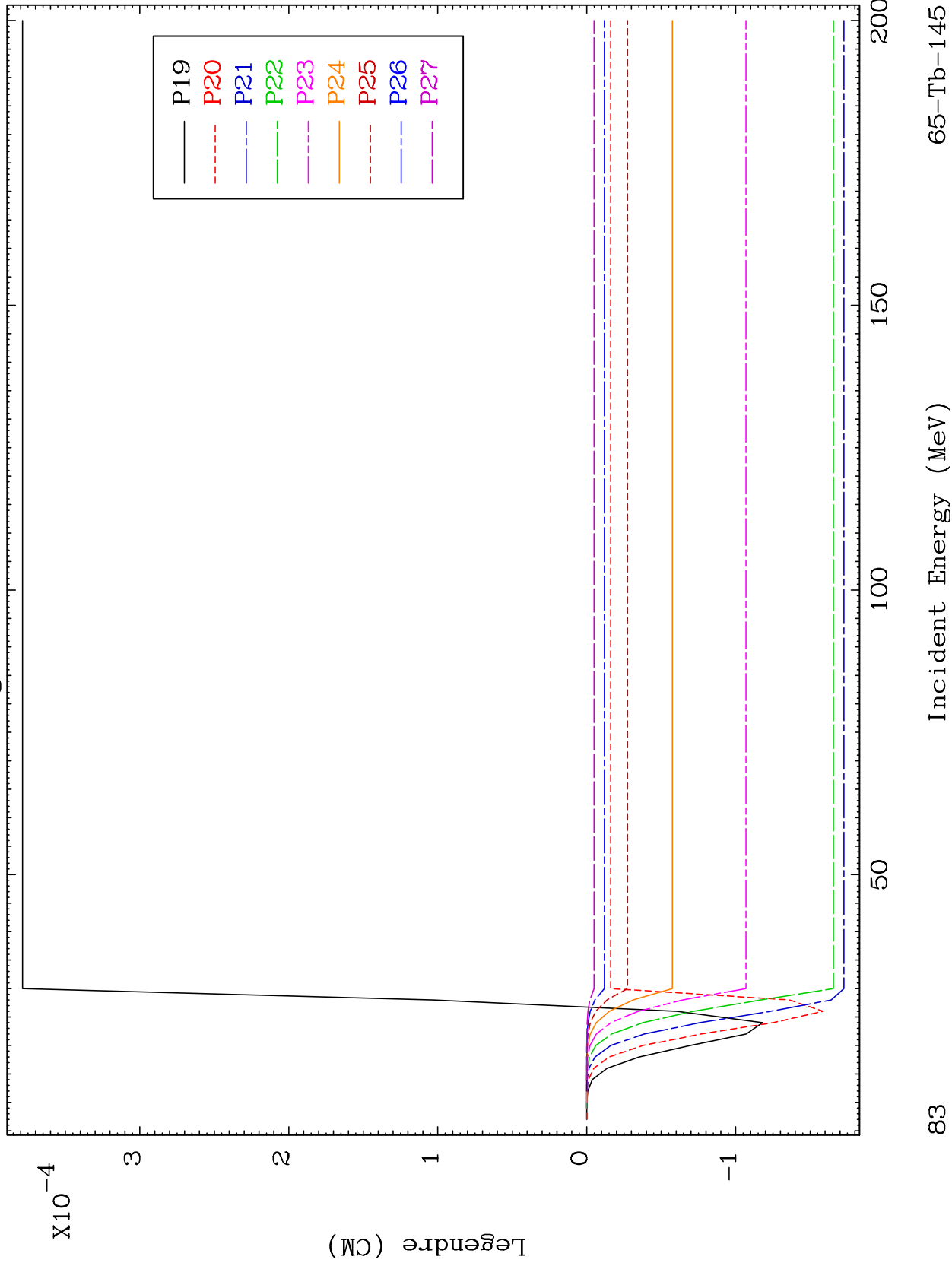
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

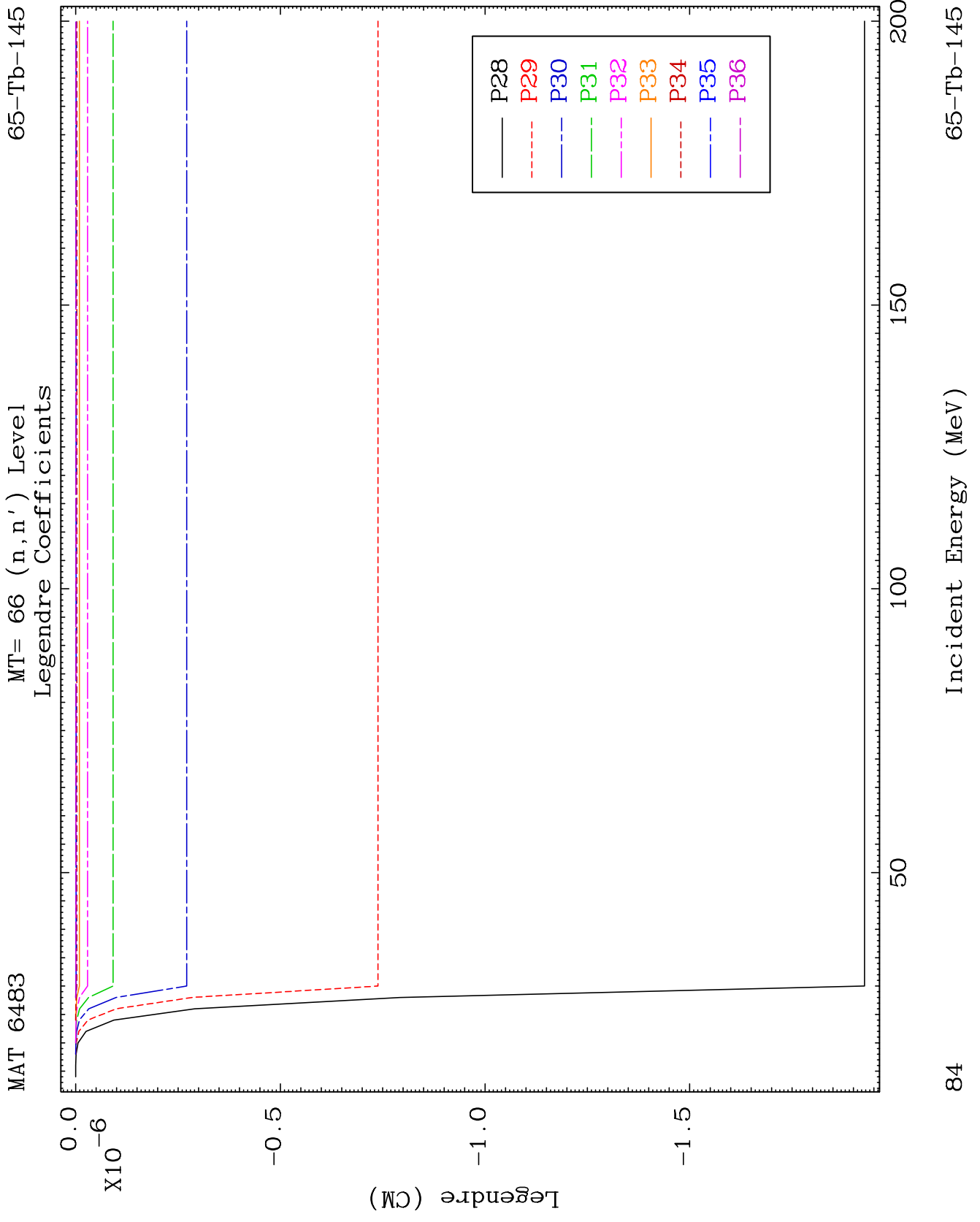
65-Tb-145



83

Incident Energy (MeV)

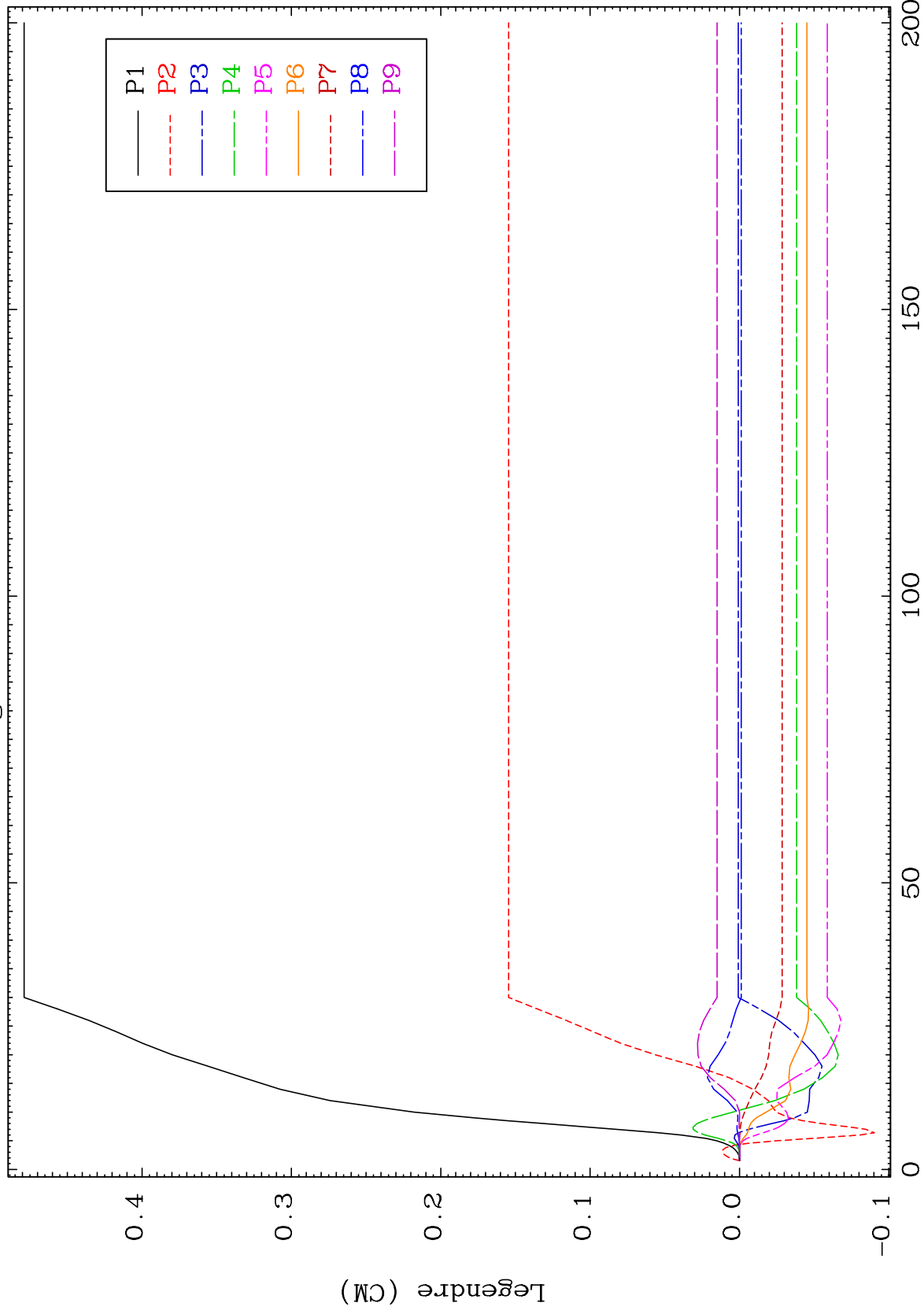
65-Tb-145



MAT 6483

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

65-Tb-145



85

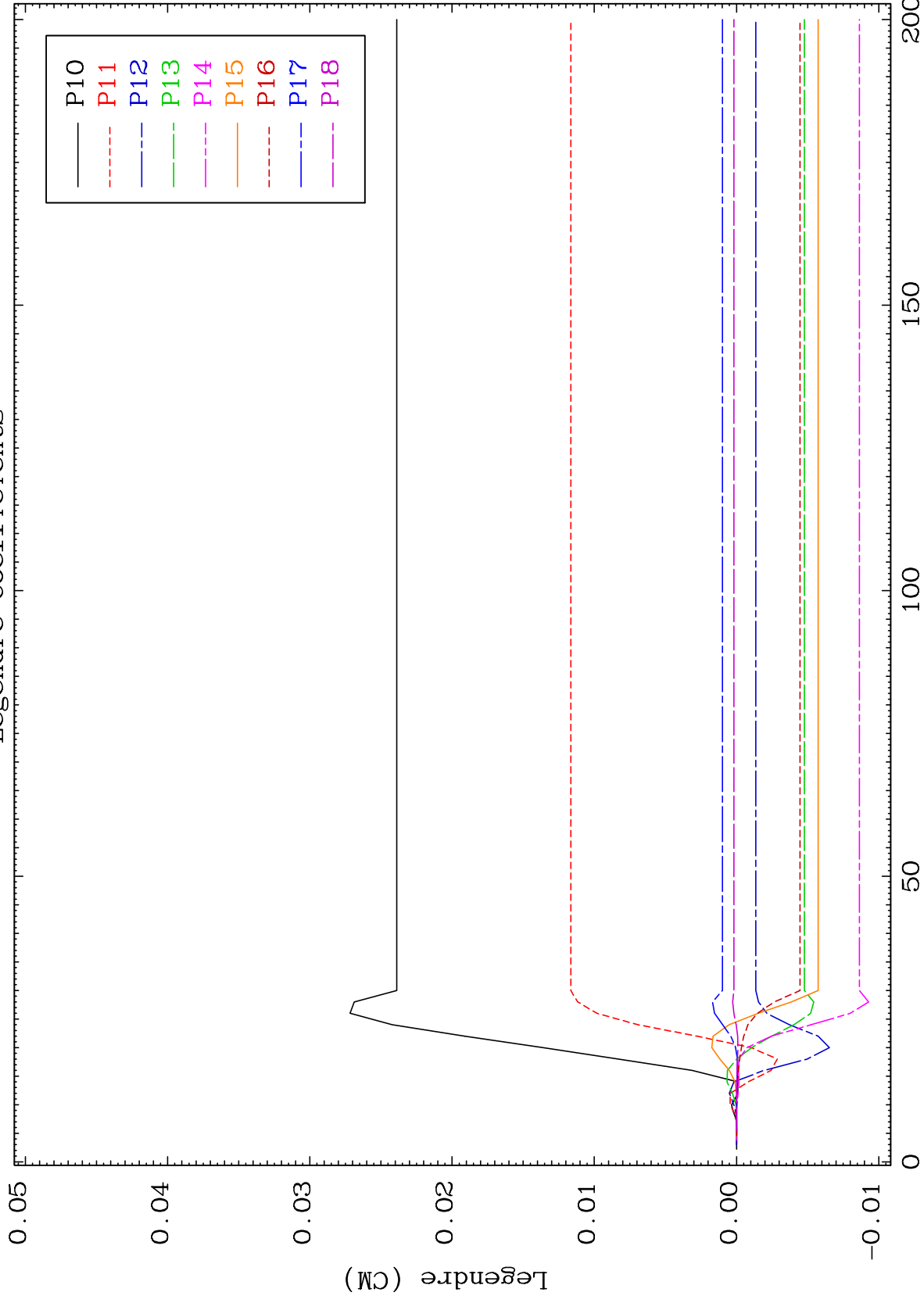
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



86

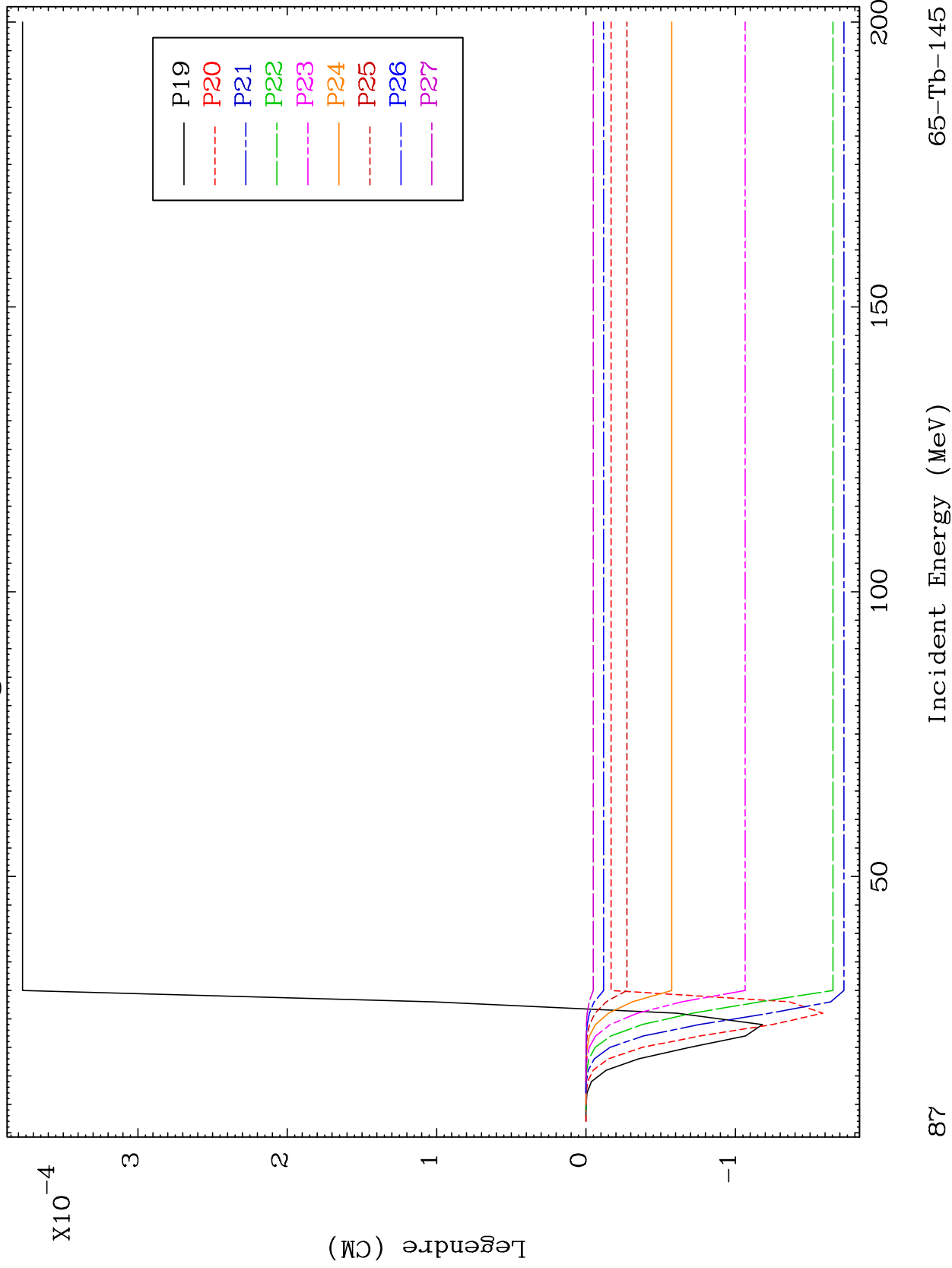
Incident Energy (MeV)

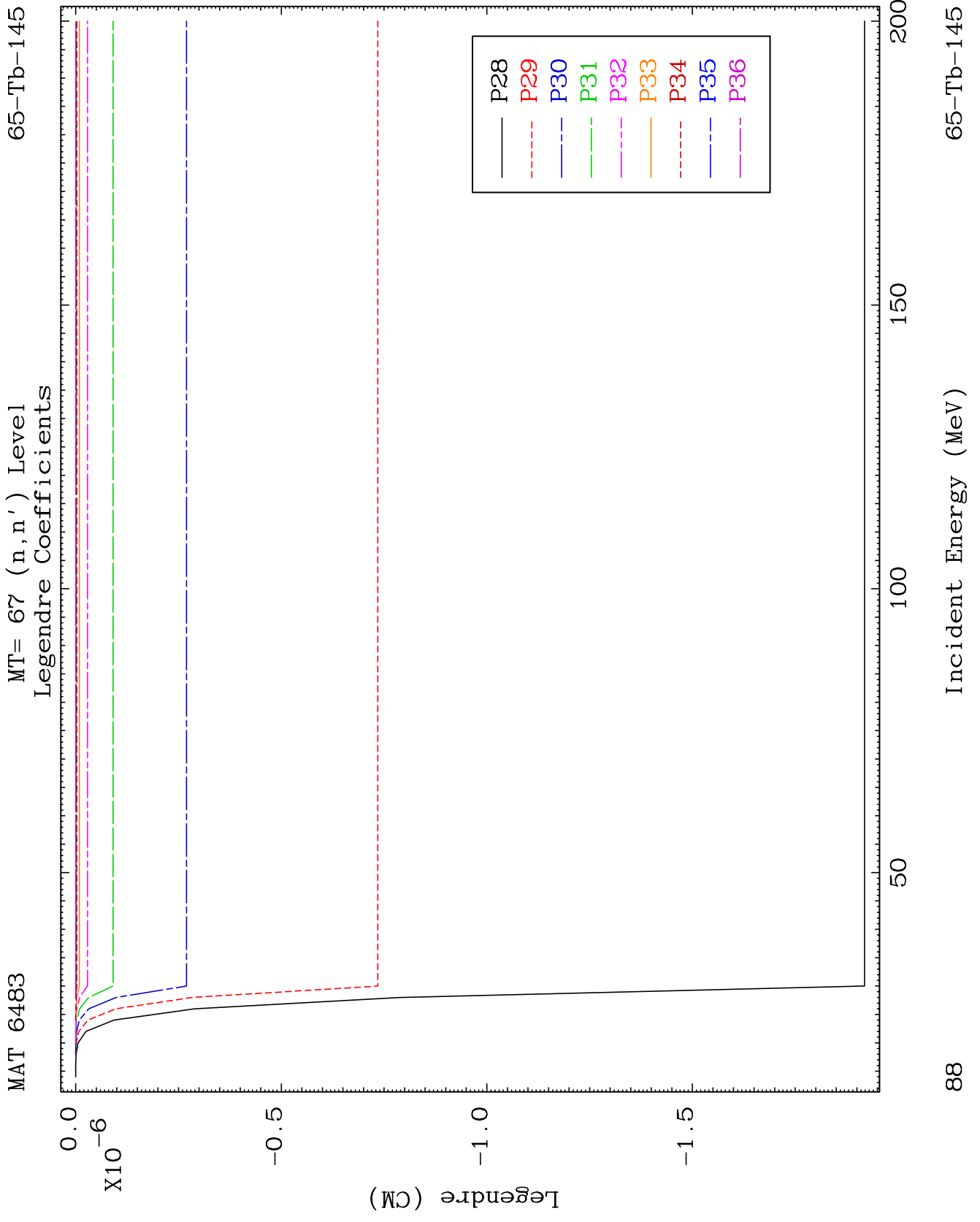
65-Tb-145

MAT 6483

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

65-Tb-145

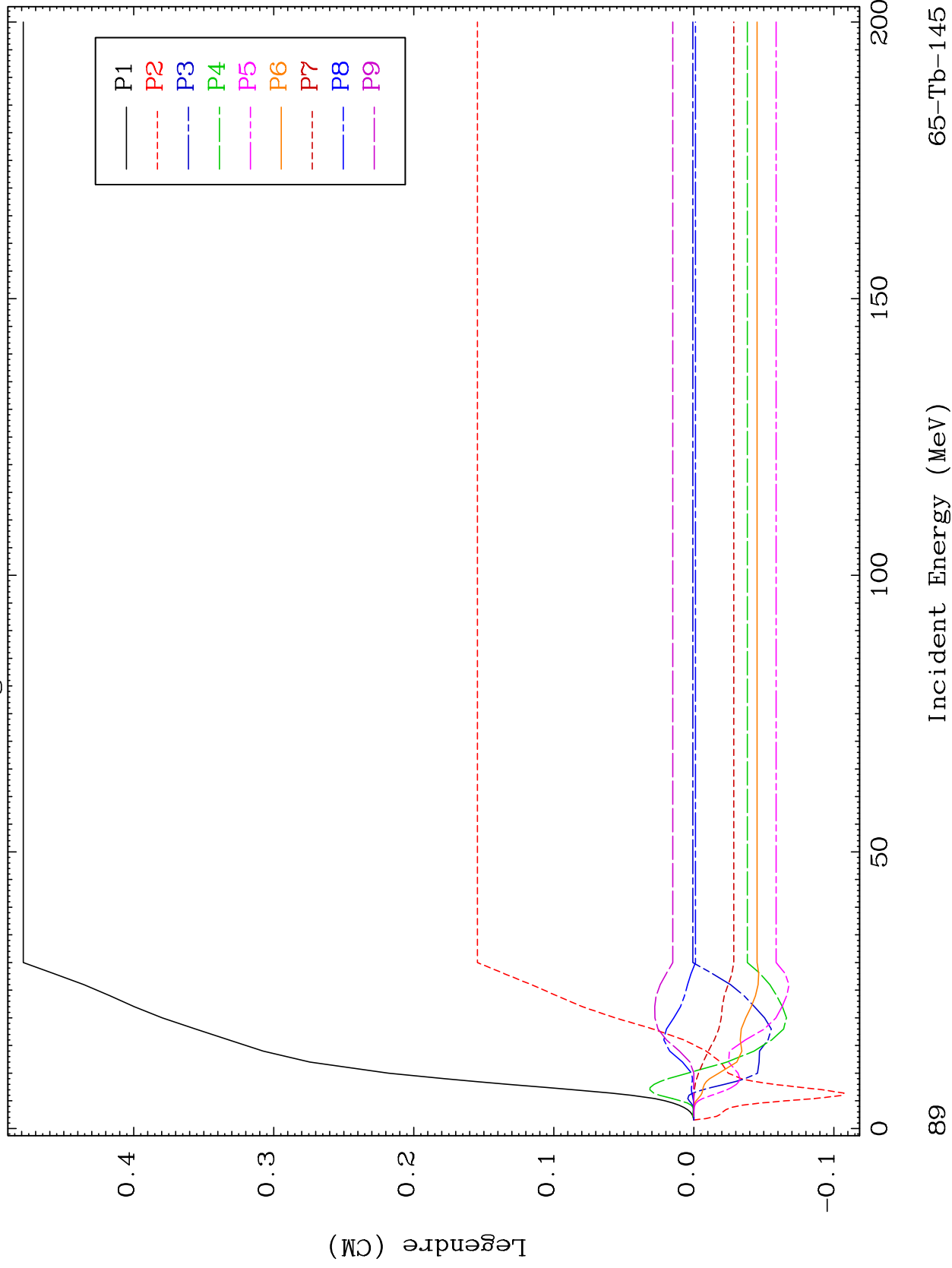




MAT 6483

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

65-Tb-145



65-Tb-145

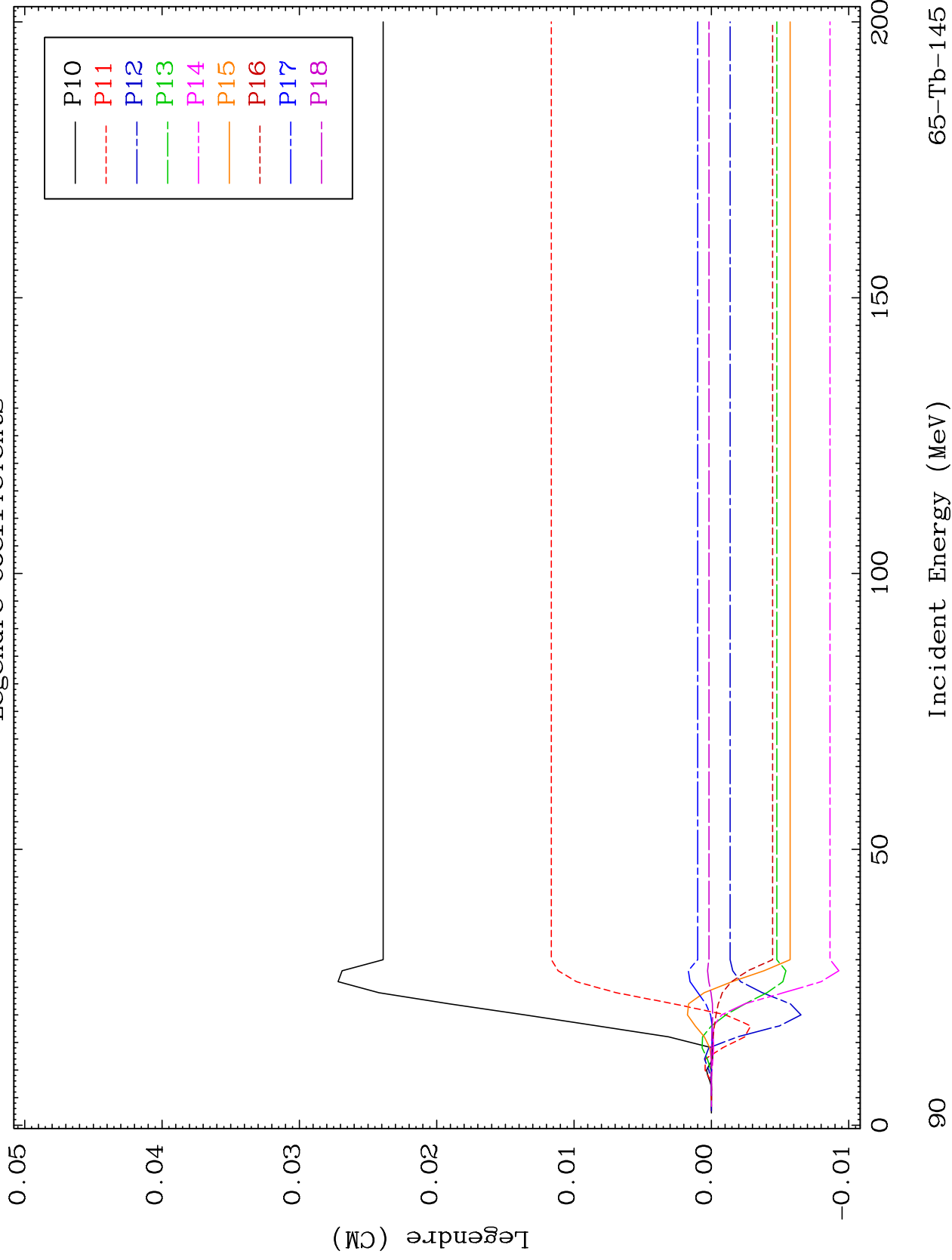
Incident Energy (MeV)

89

MAT 6483

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

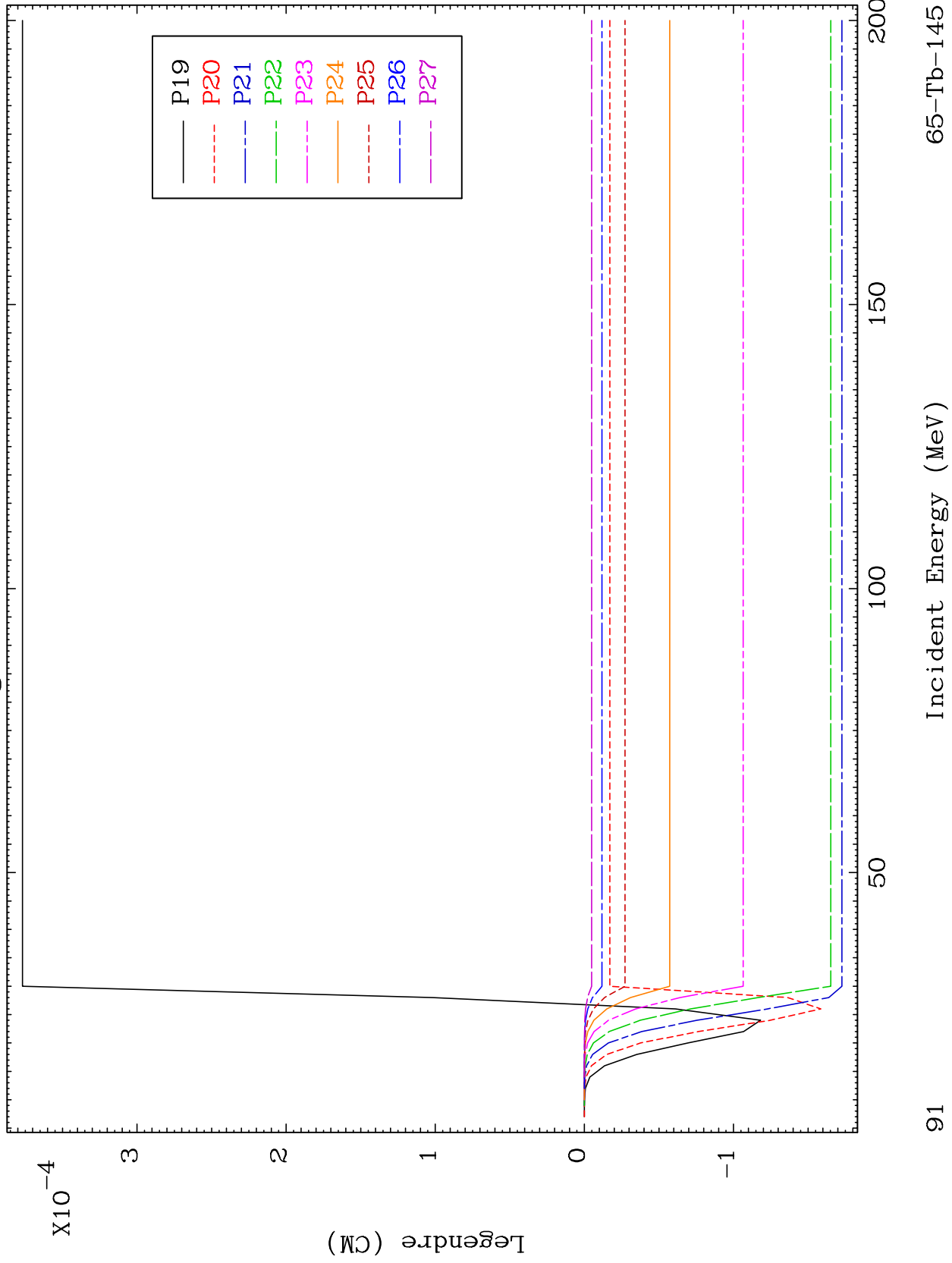
65-Tb-145



MAT 6483

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

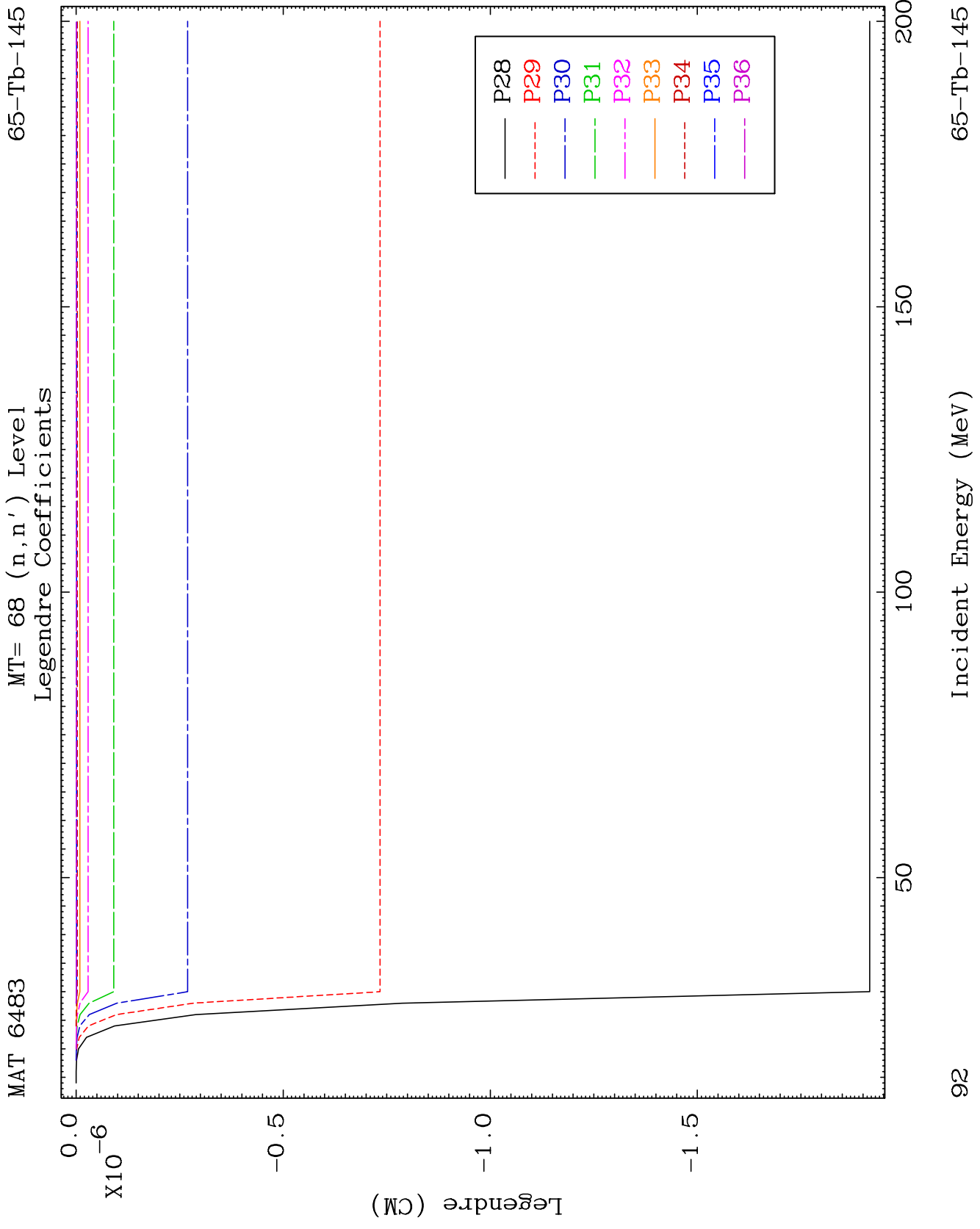
65-Tb-145



91

Incident Energy (MeV)

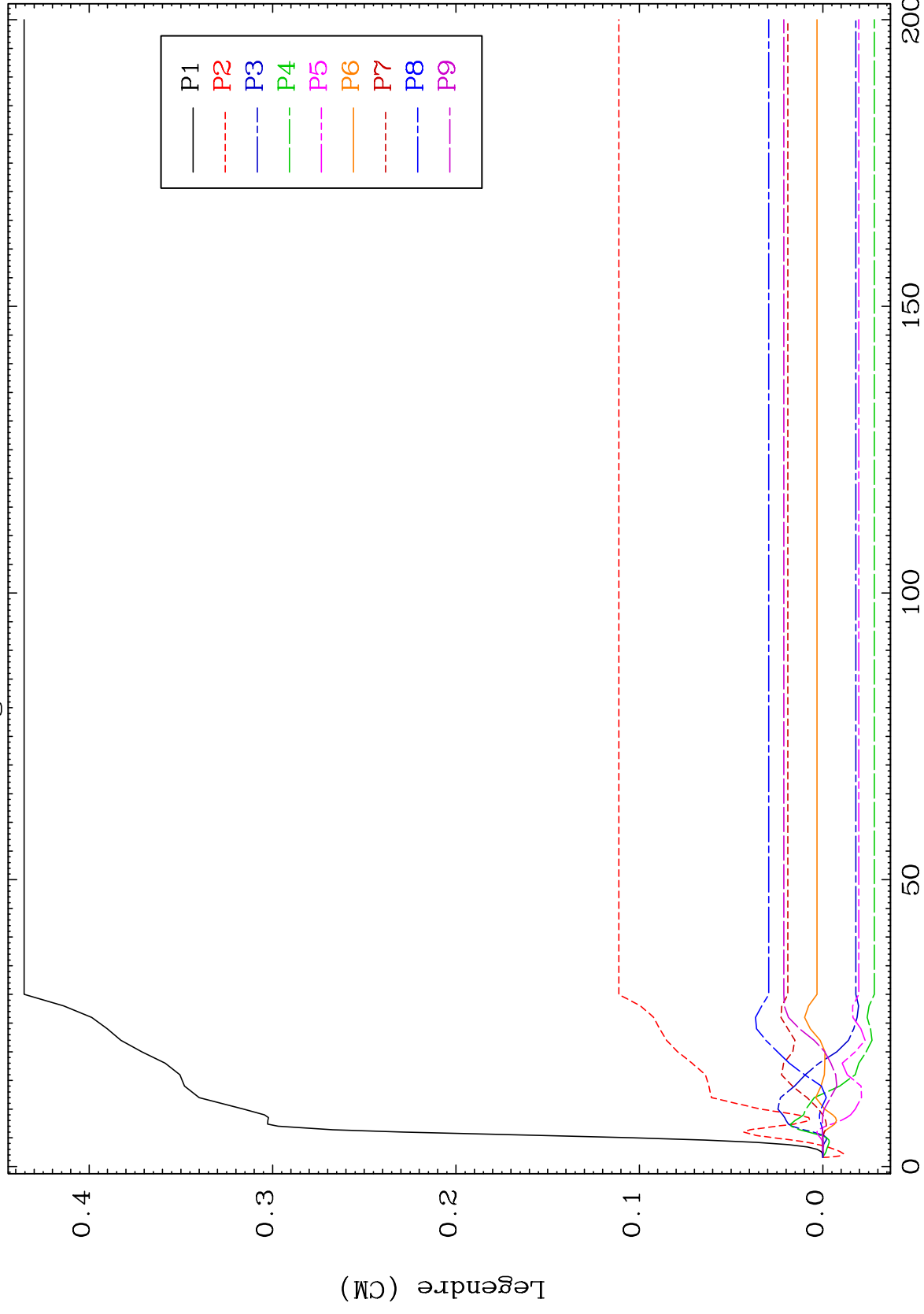
65-Tb-145



MAT 6483

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

65-Tb-145



93

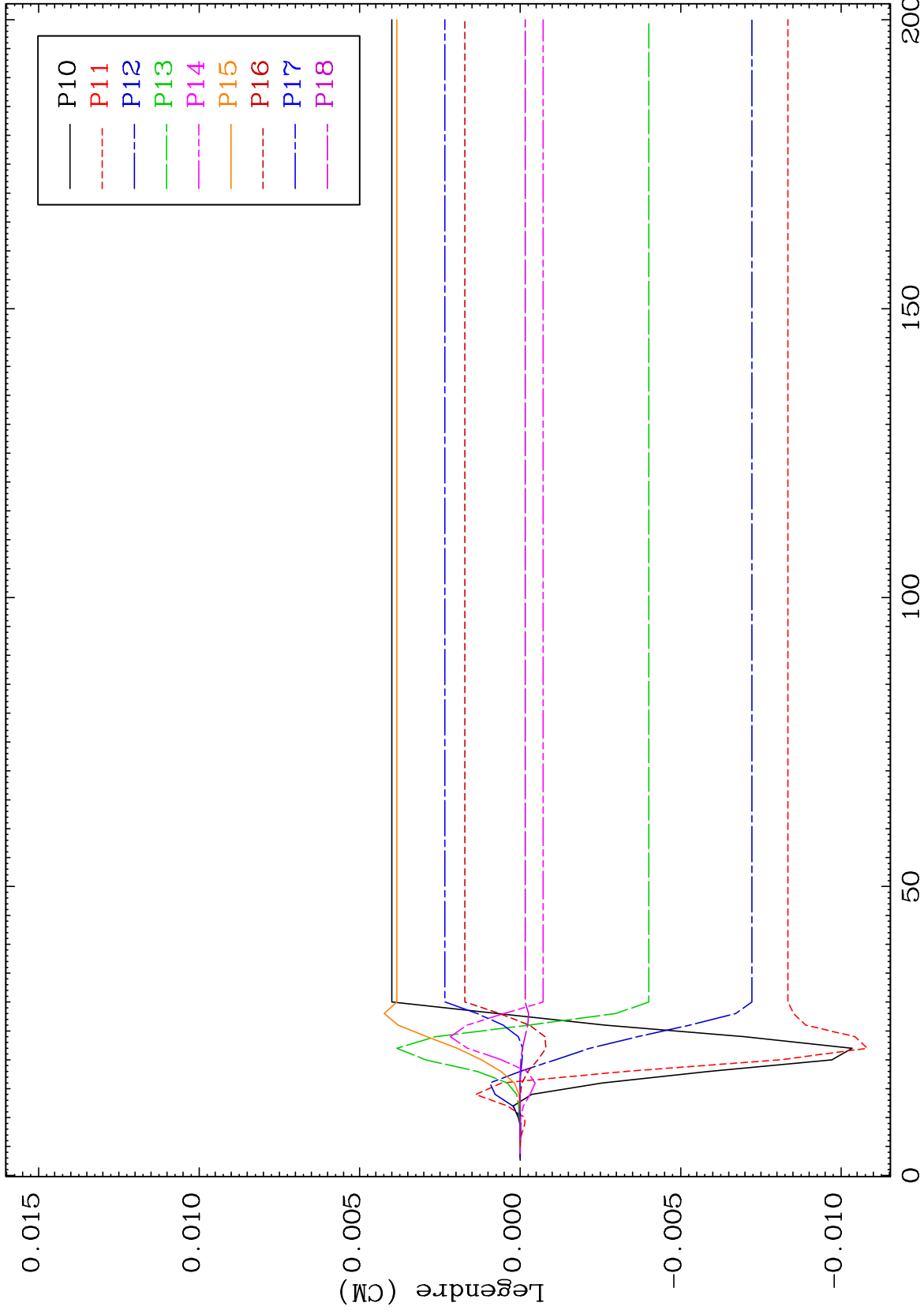
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



94

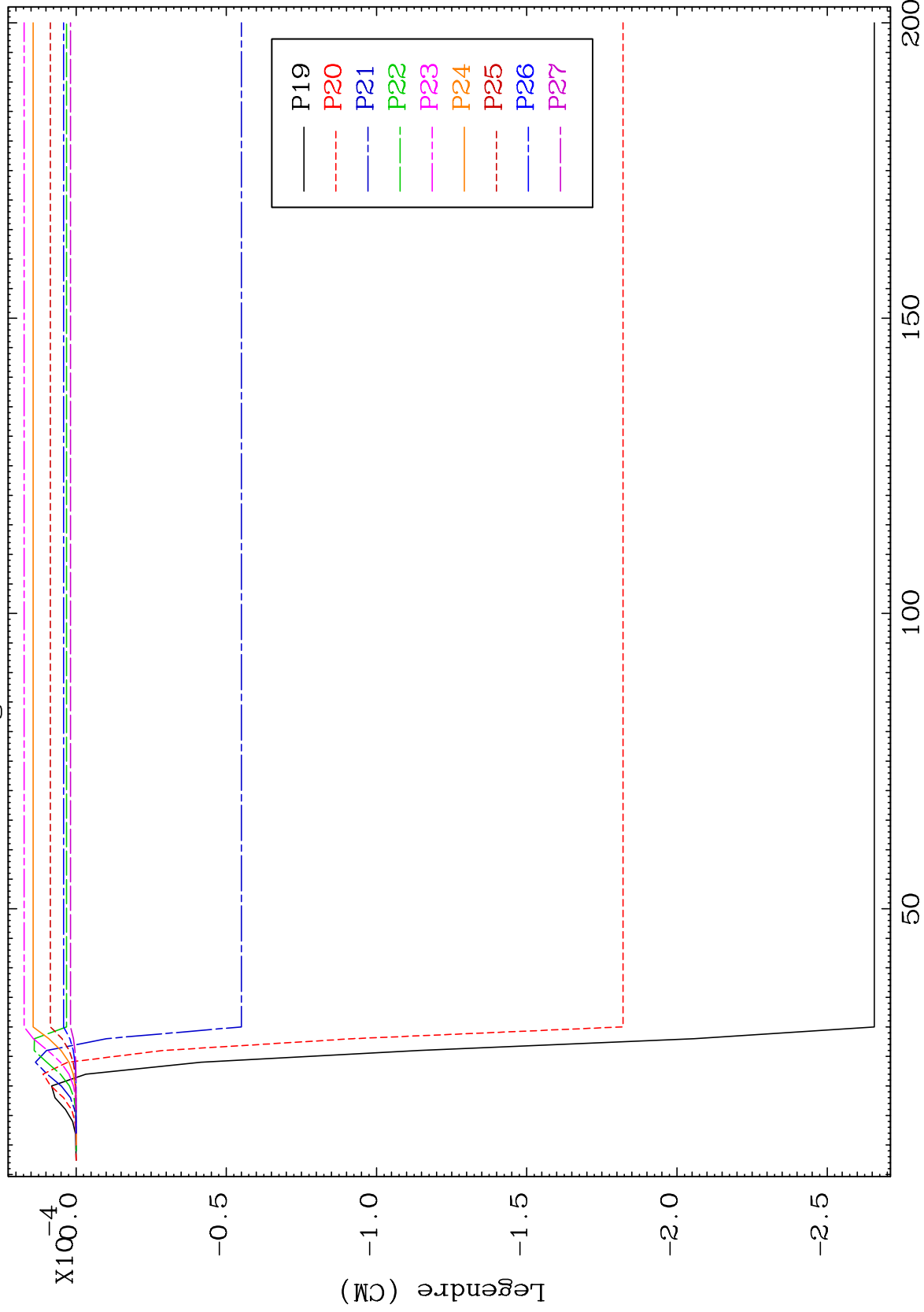
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



95

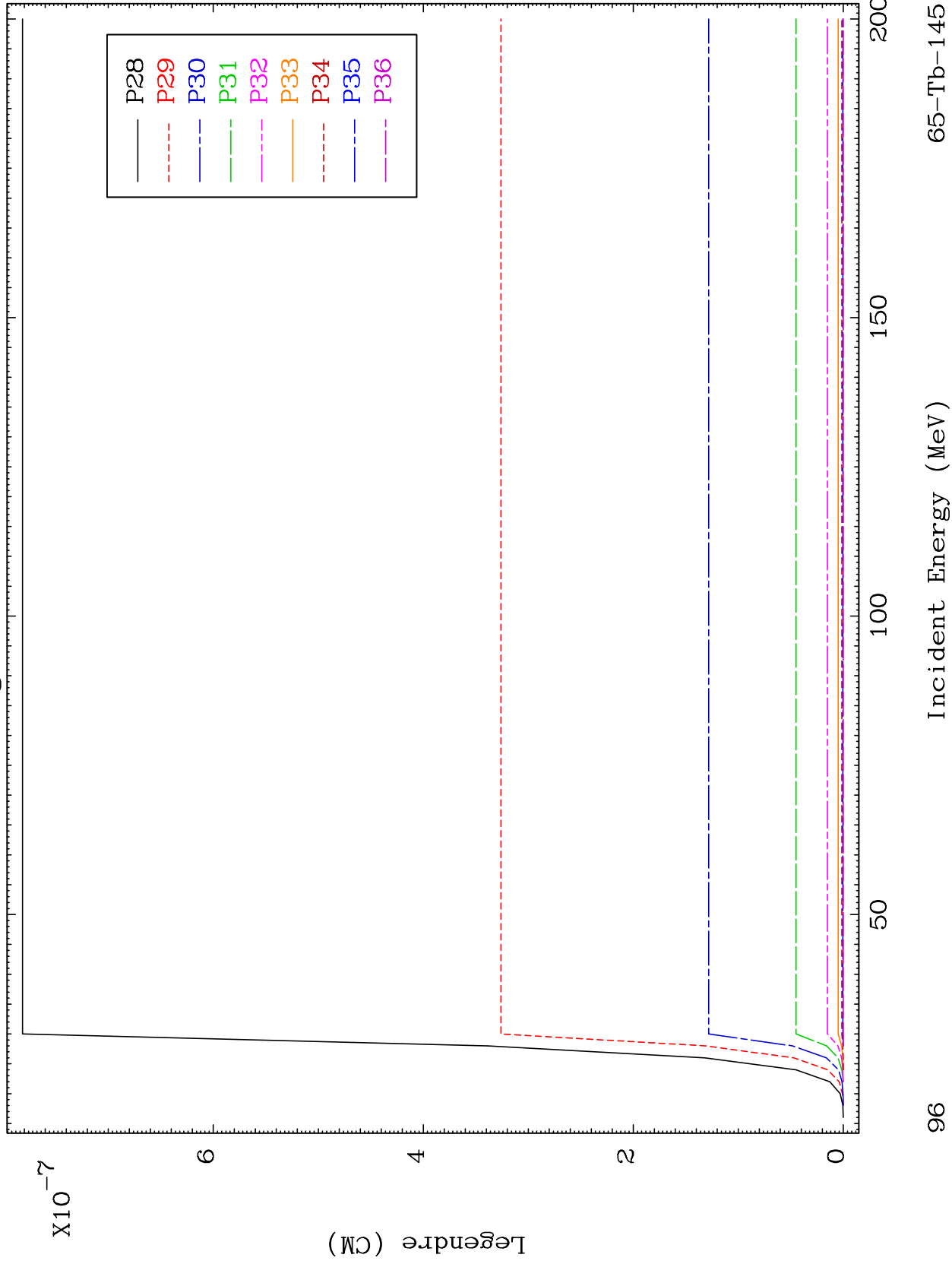
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



96

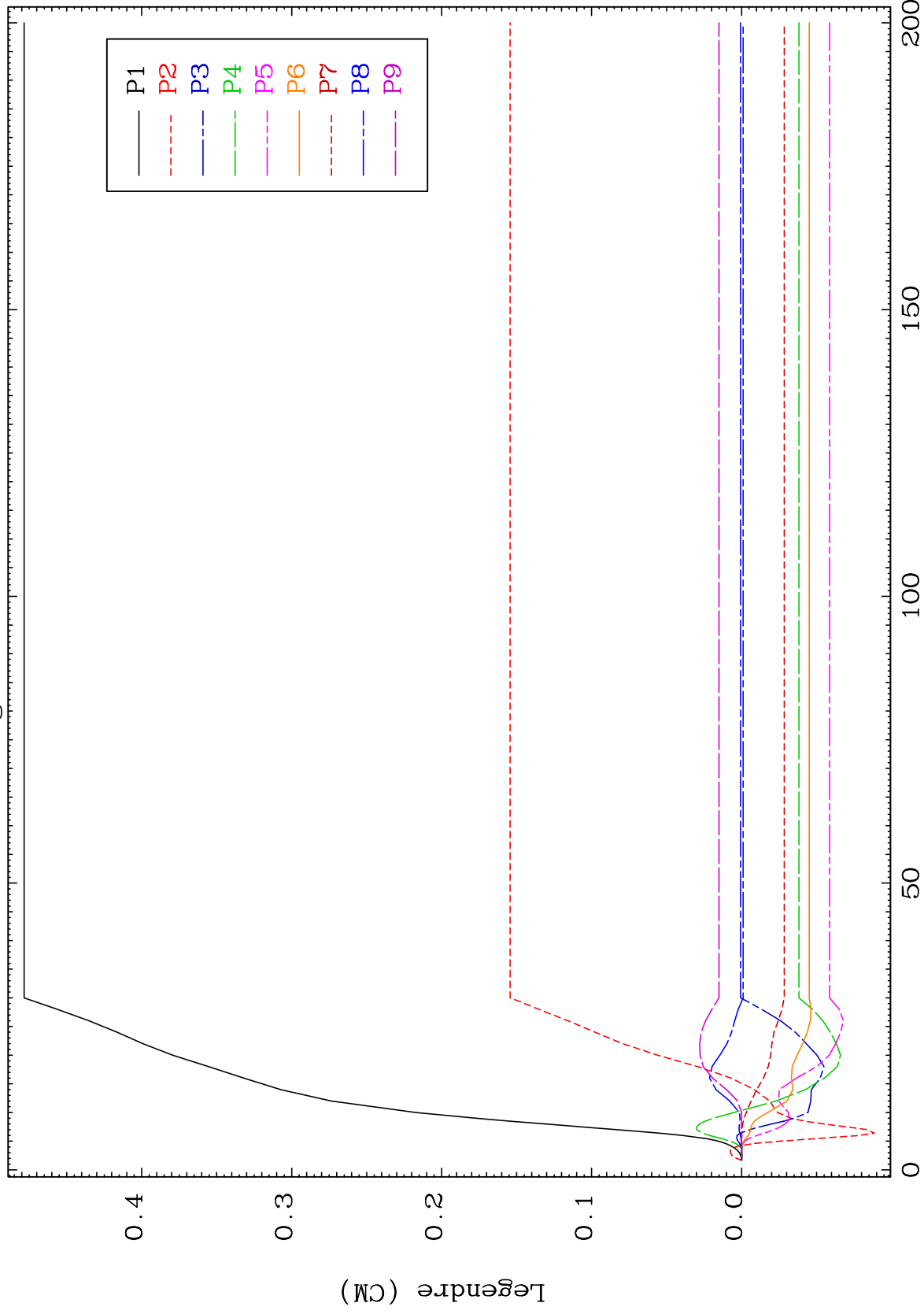
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



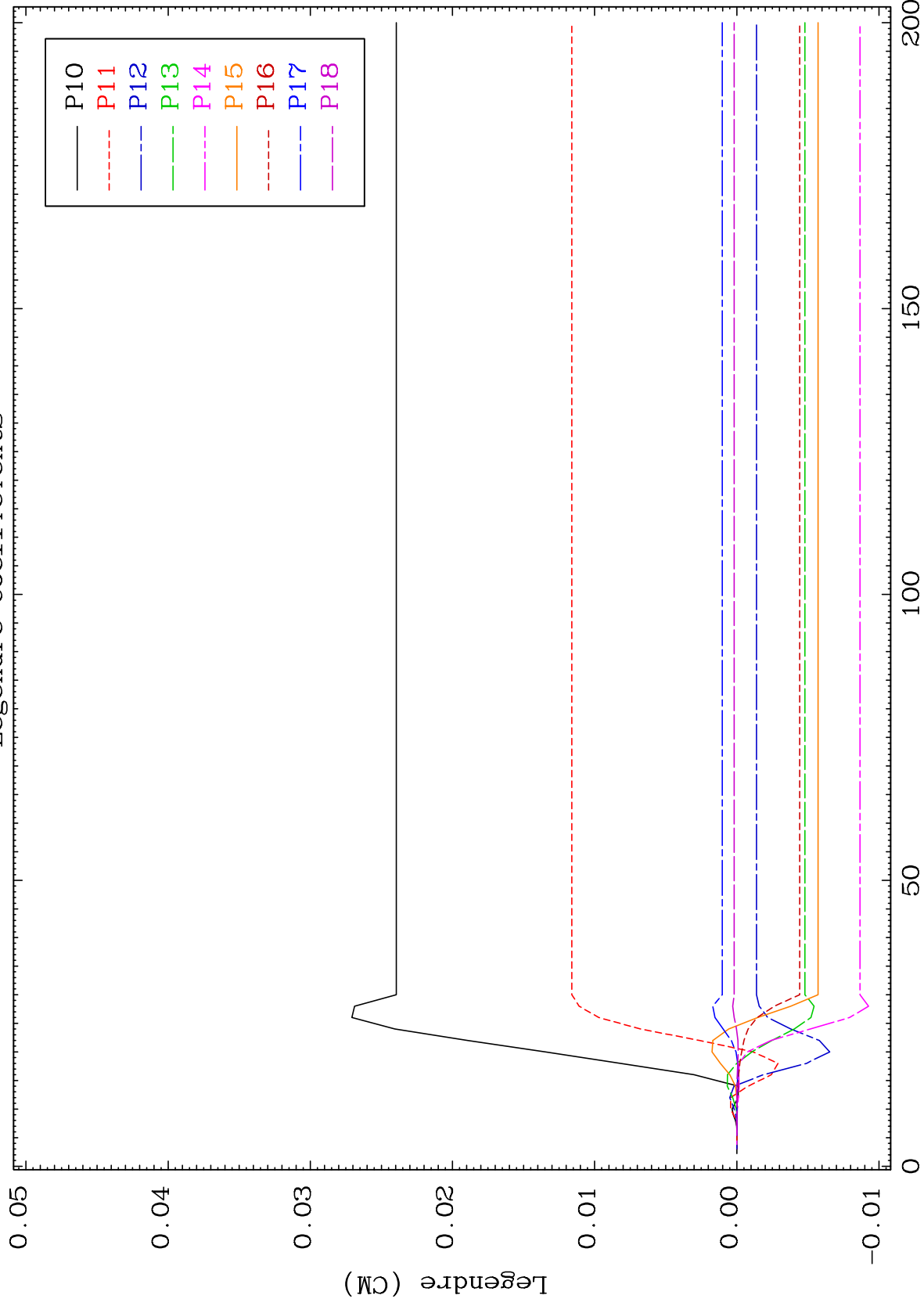
97

65-Tb-145

MAT 6483

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

65-Tb-145



98

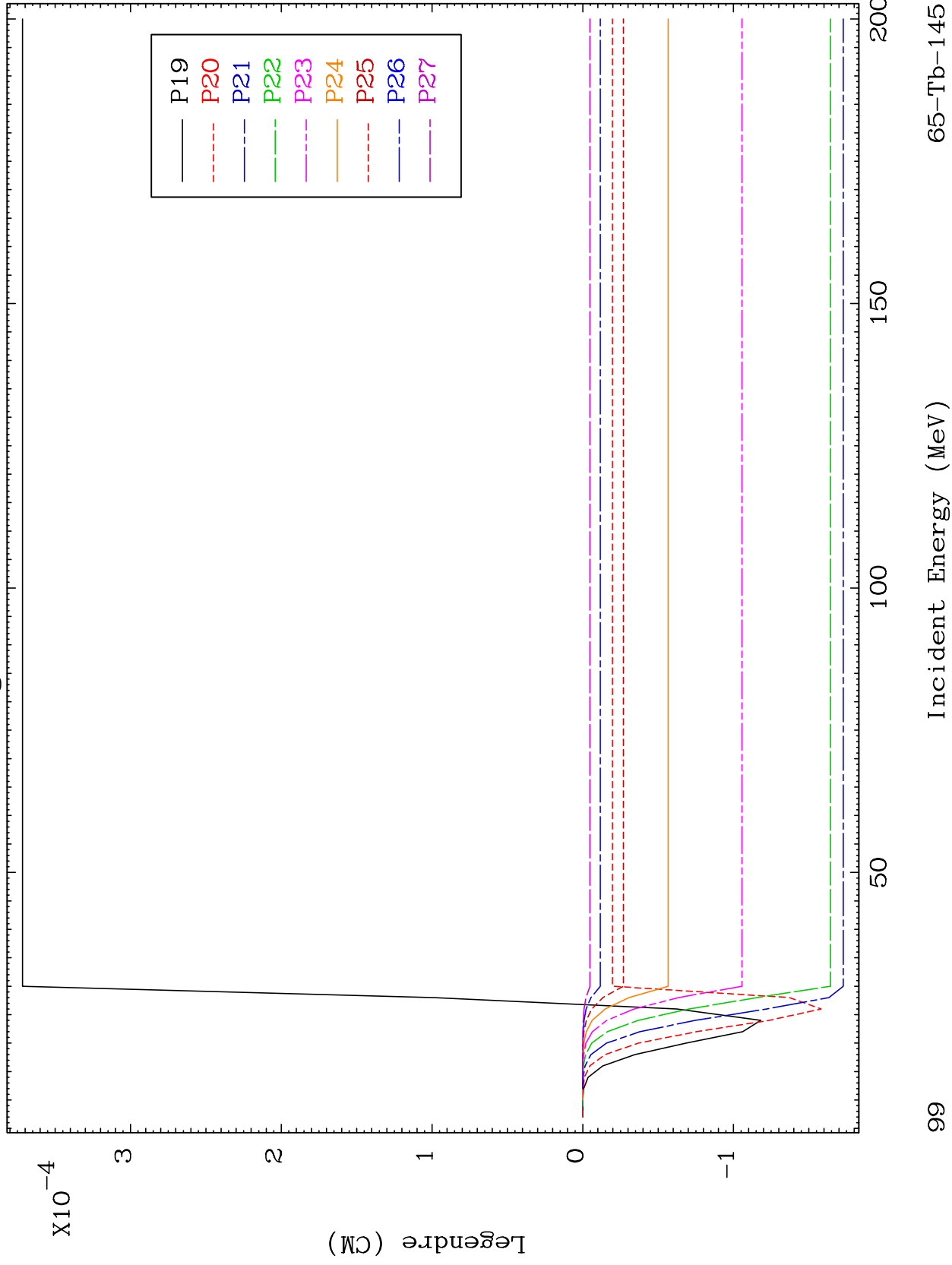
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

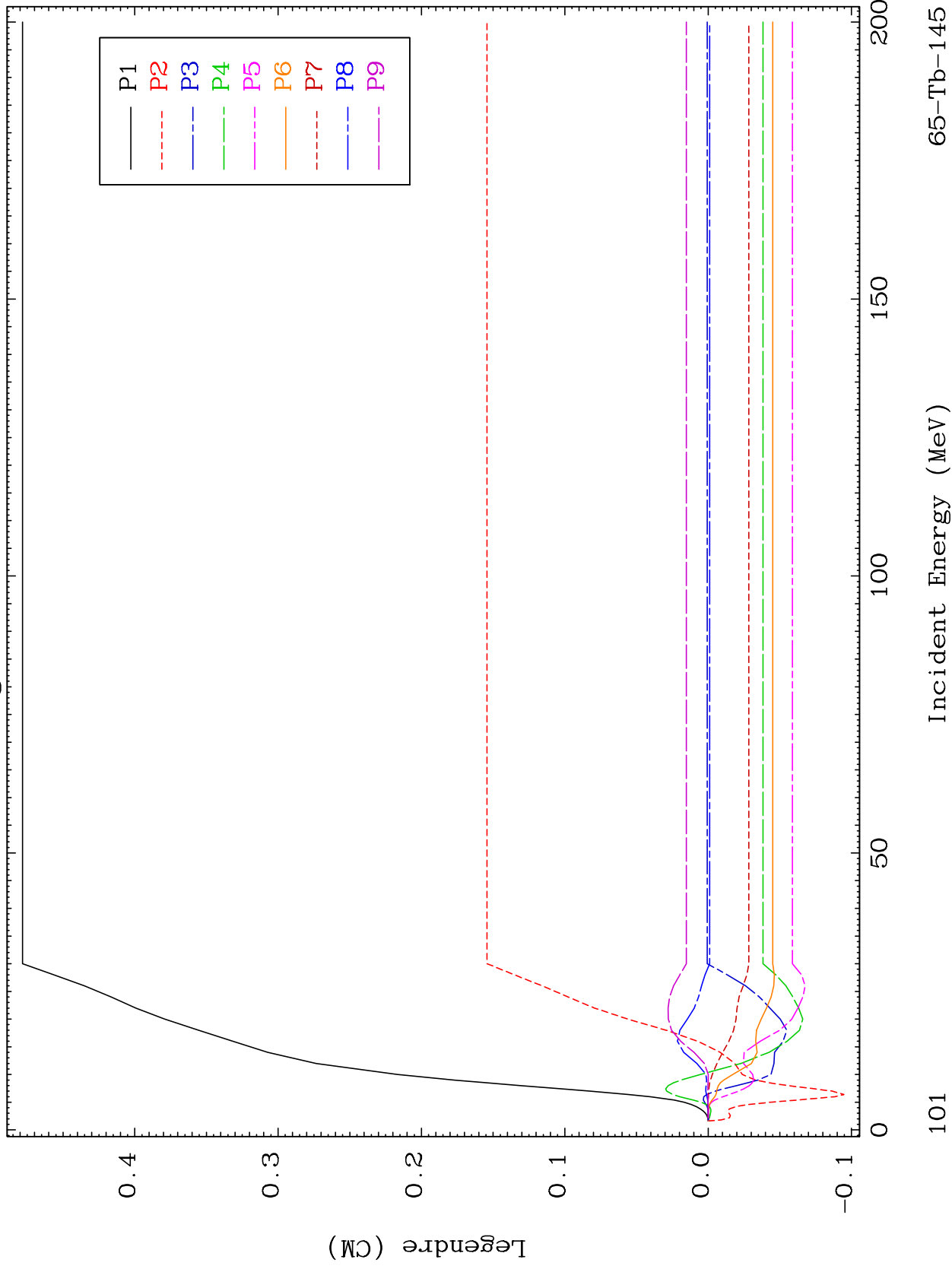
65-Tb-145



MAT 6483

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

65-Tb-145



65-Tb-145

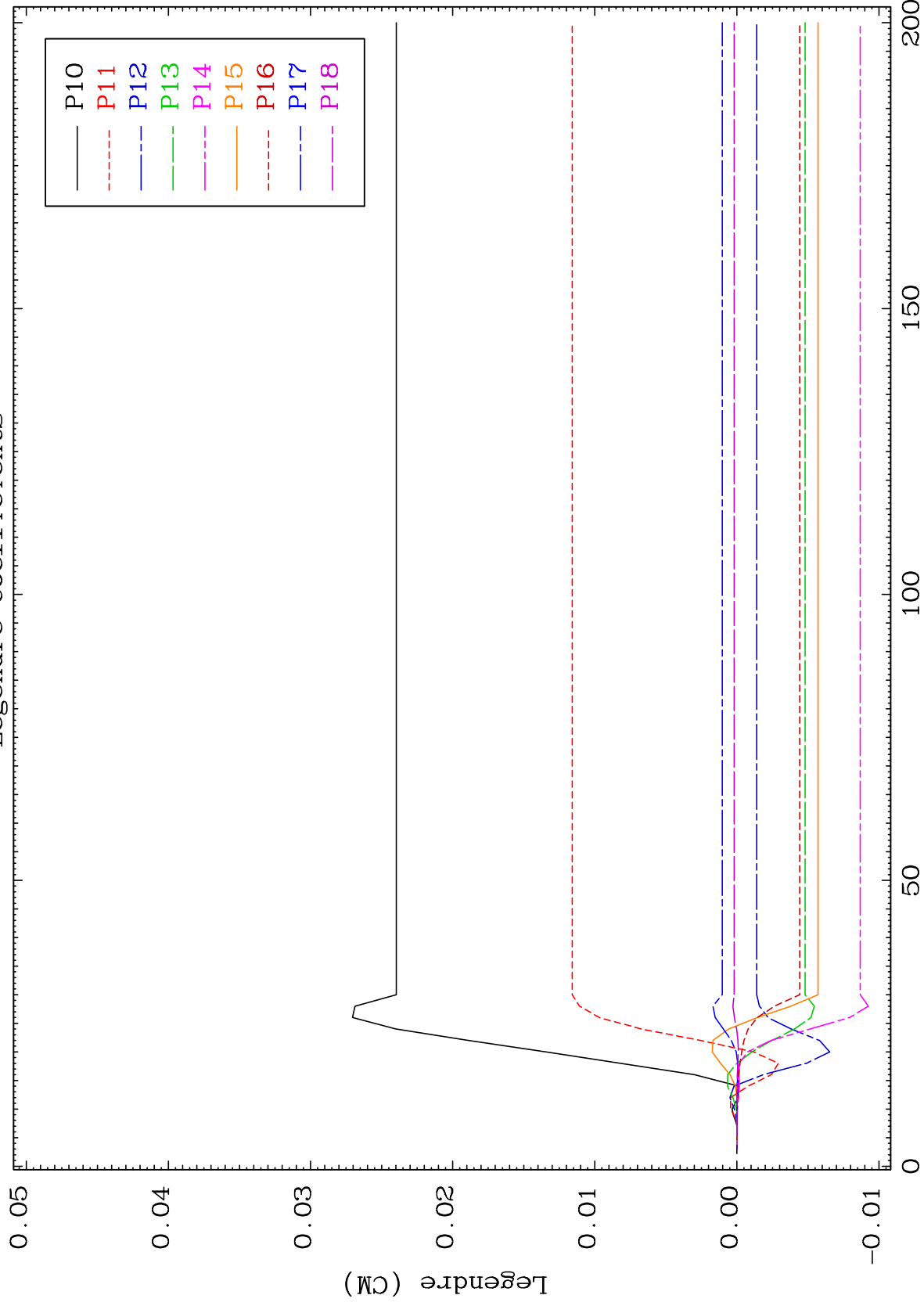
Incident Energy (MeV)

101

MAT 6483

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

65-Tb-145



102

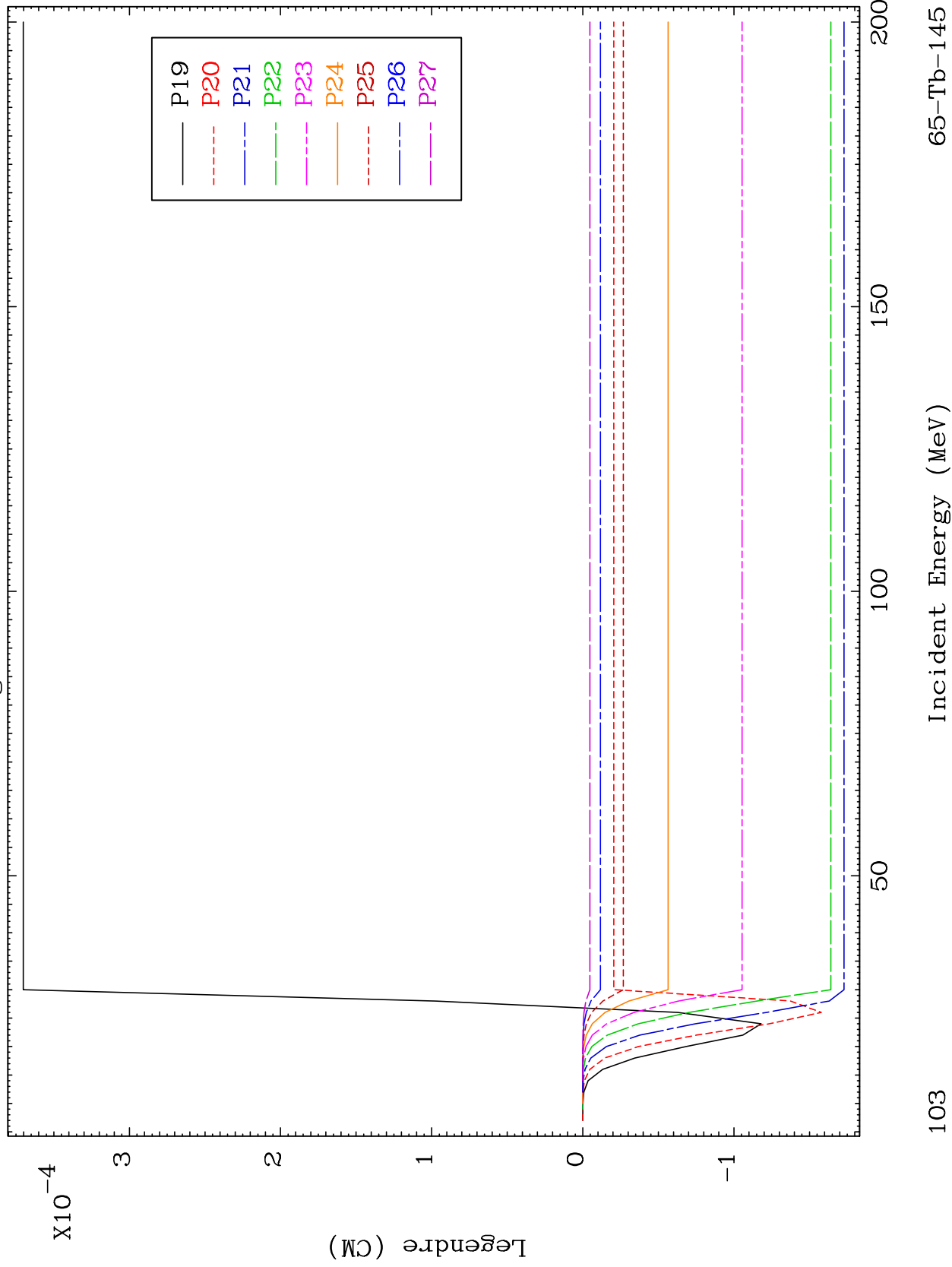
Incident Energy (MeV)

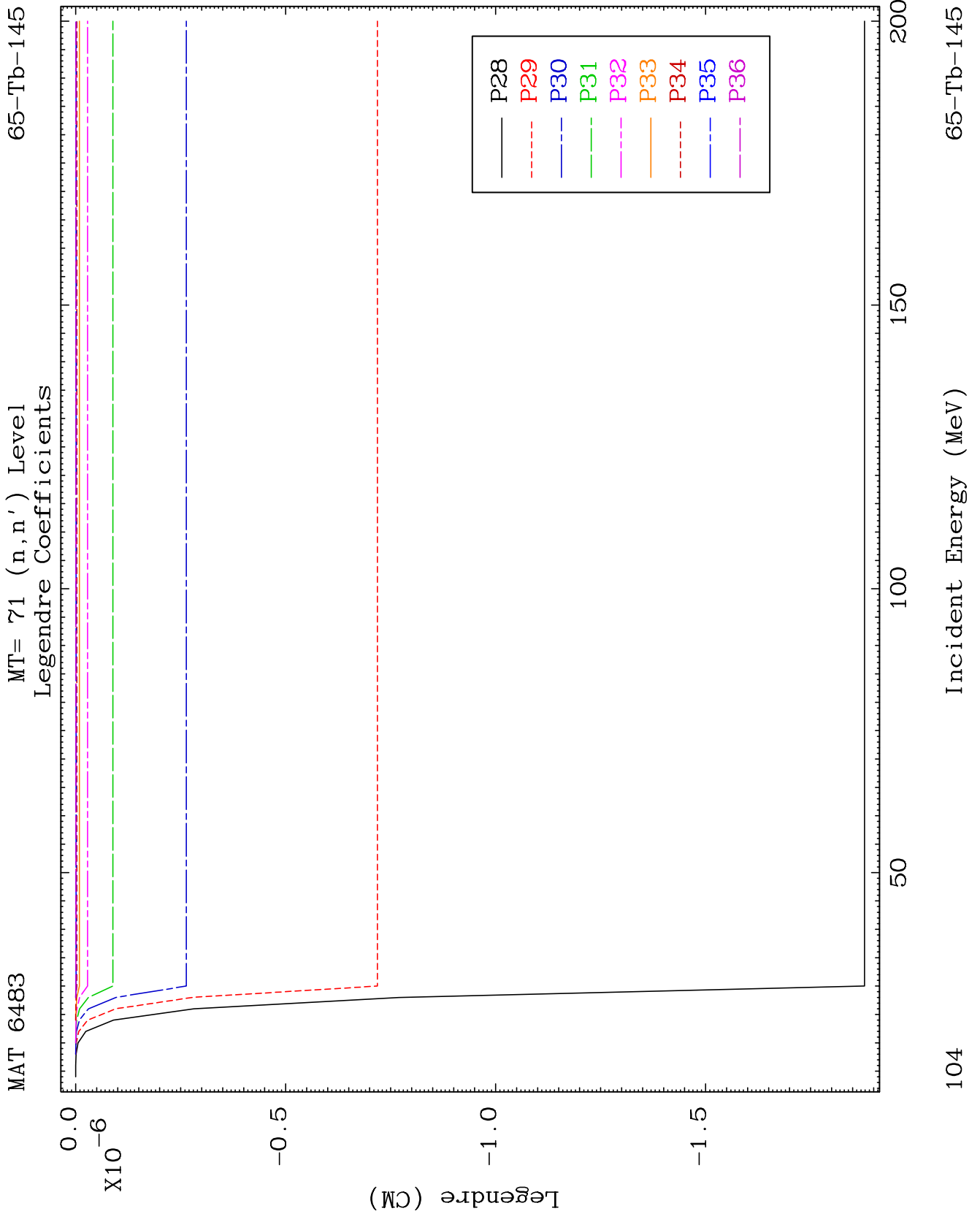
65-Tb-145

MAT 6483

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

65-Tb-145

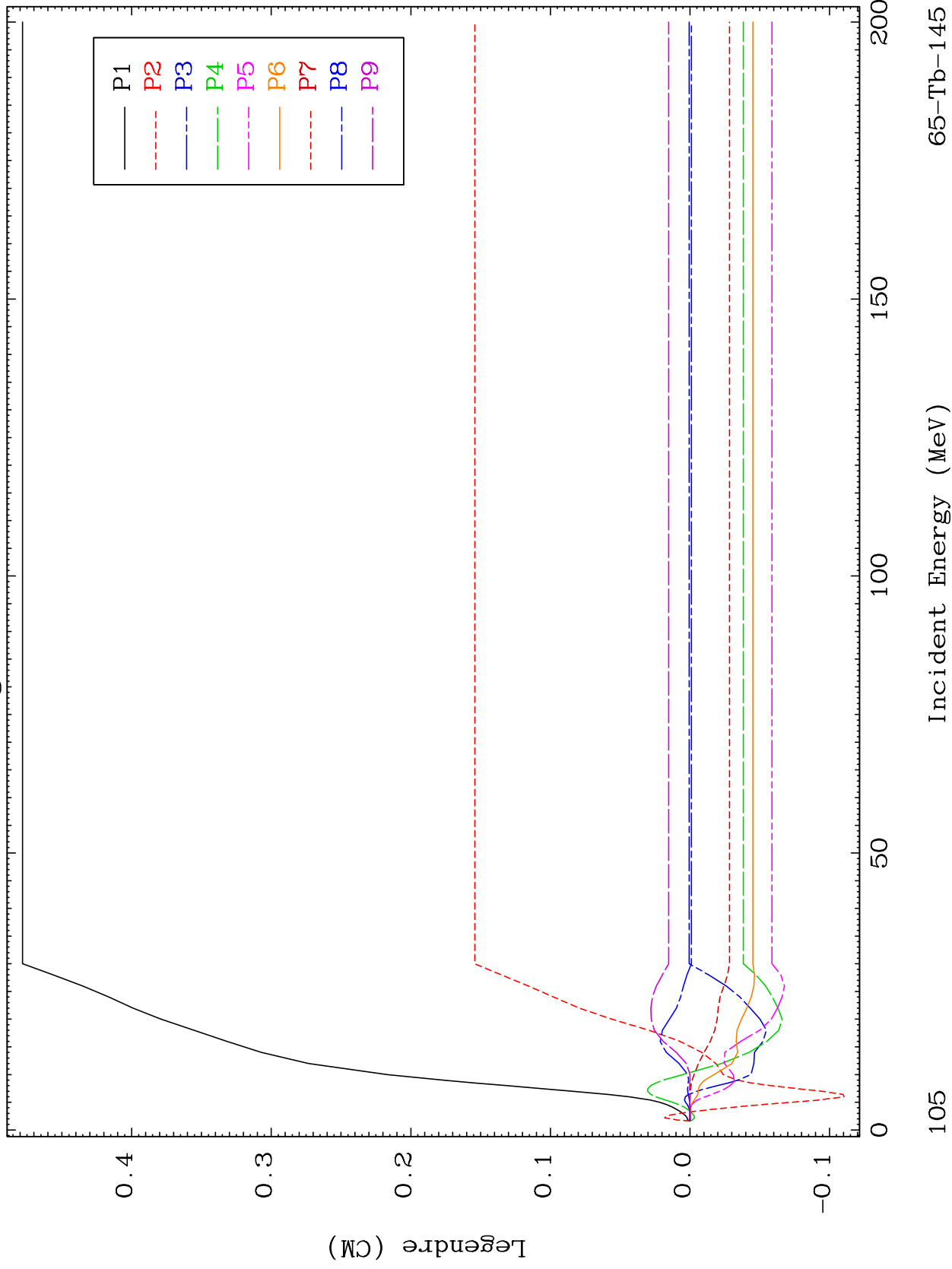




MAT 6483

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

65-Tb-145



65-Tb-145

Incident Energy (MeV)

0

50

100

150

200

0.4

0.3

0.2

0.1

0.0

-0.1

P1

P2

P3

P4

P5

P6

P7

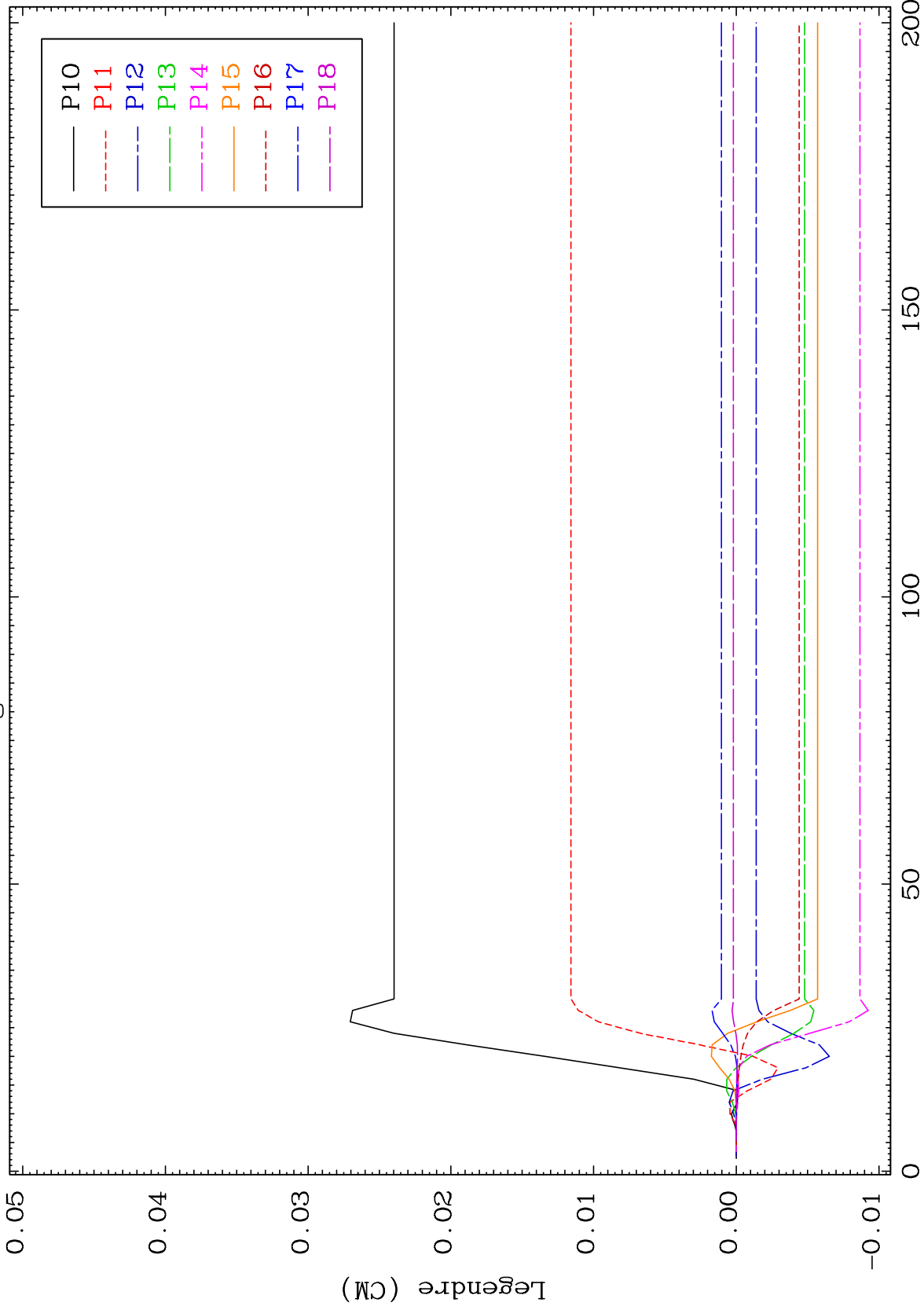
P8

P9

MAT 6483

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

65-Tb-145



106

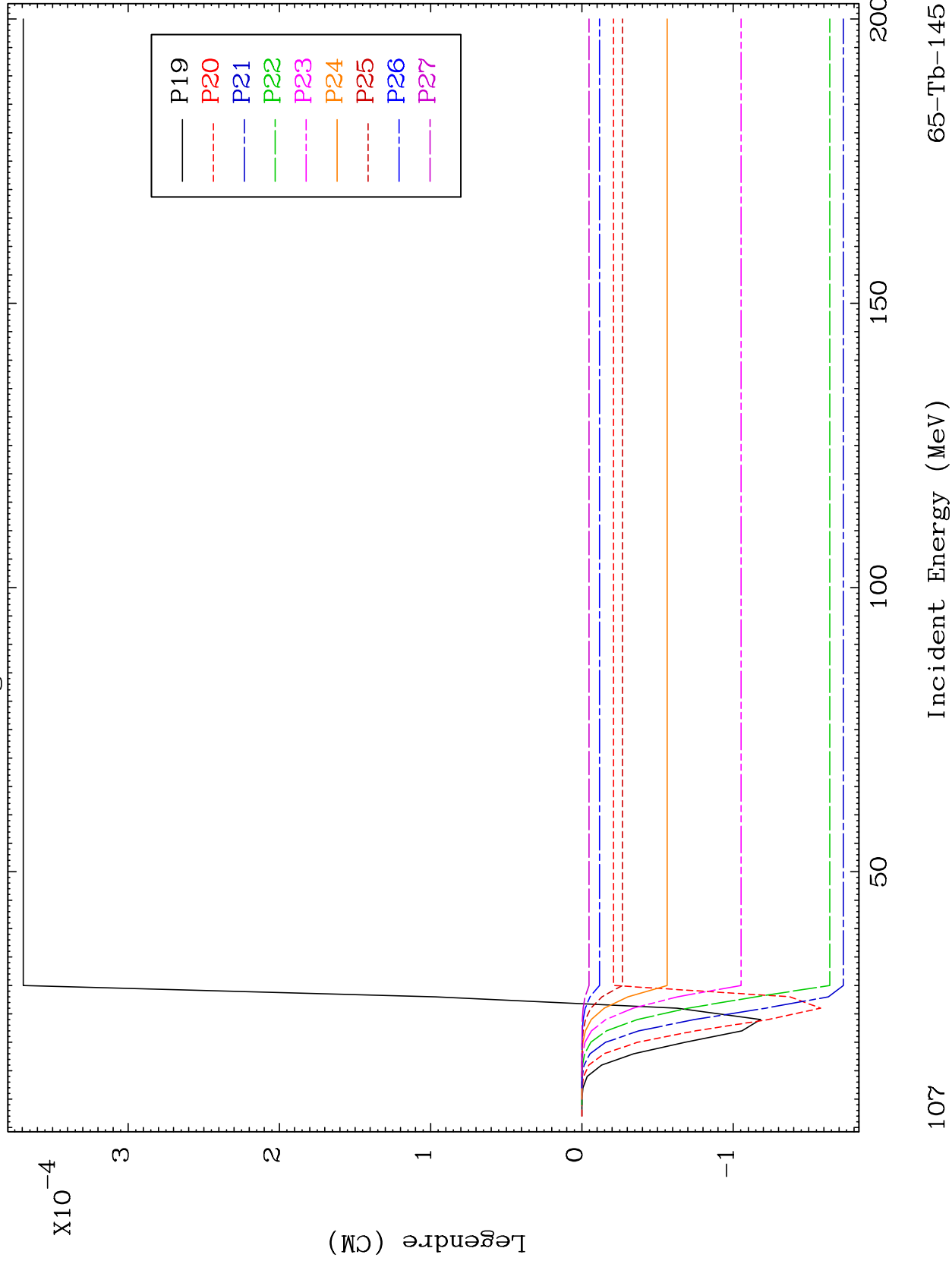
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

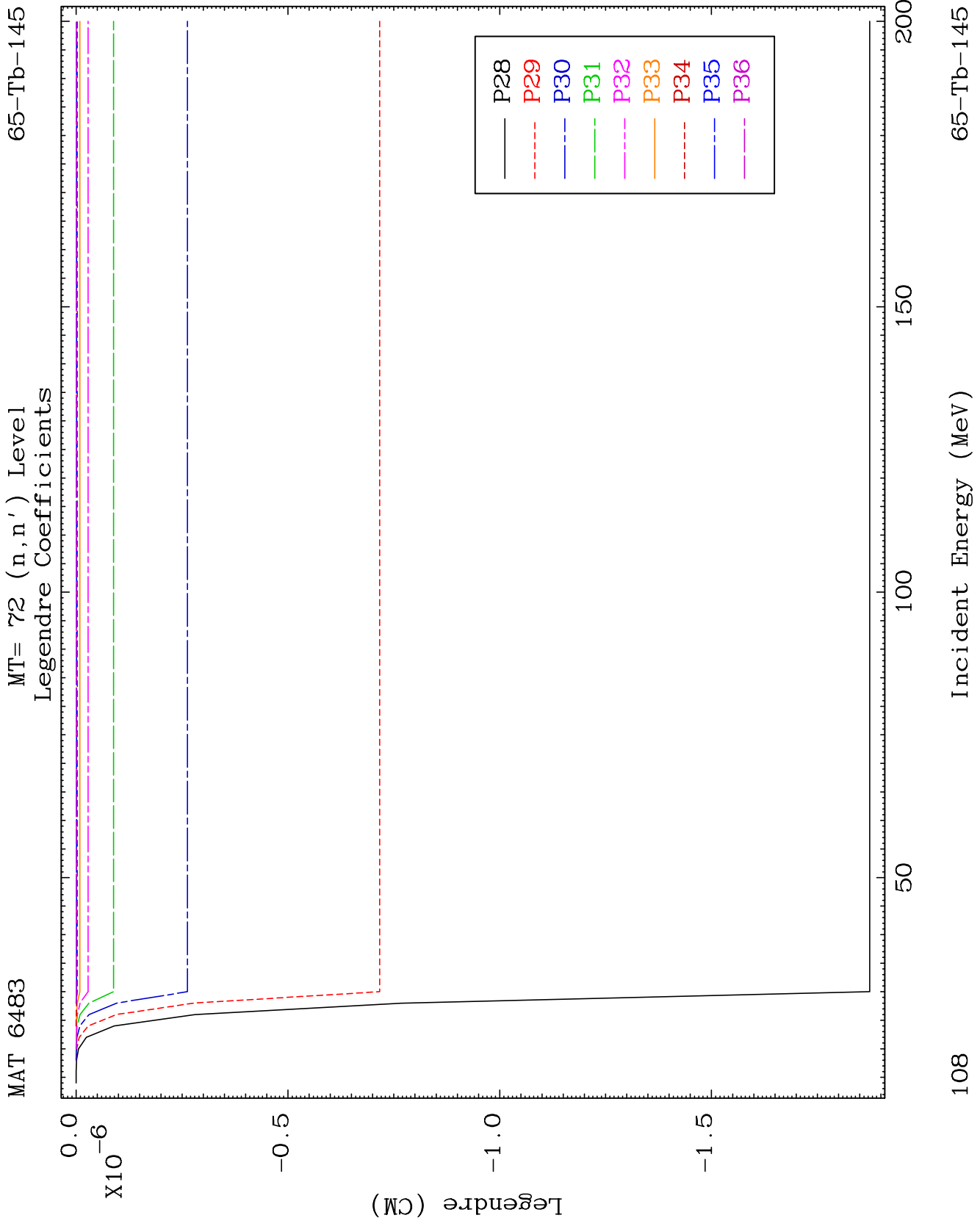
65-Tb-145



107

Incident Energy (MeV)

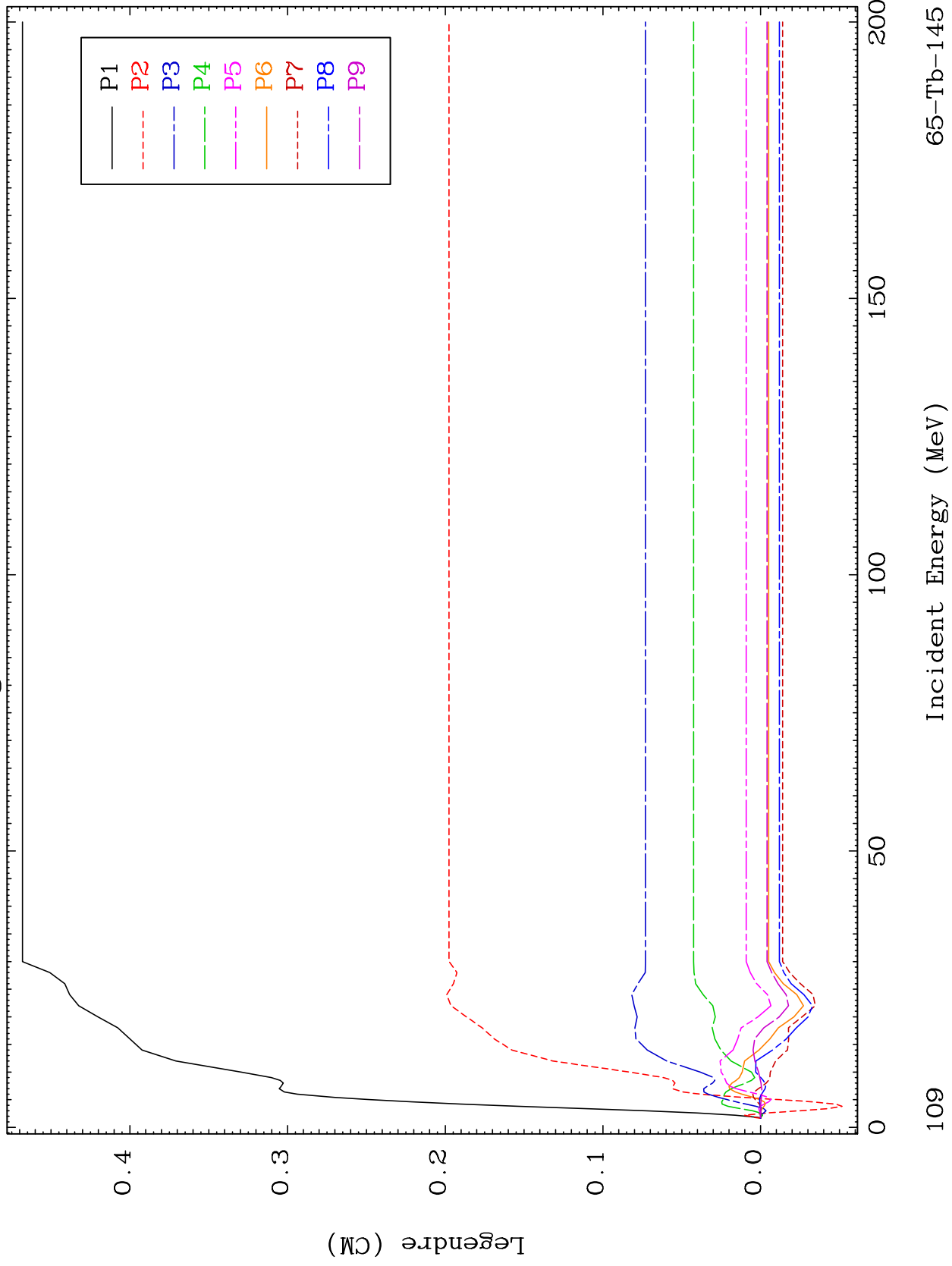
65-Tb-145



MAT 6483

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

65-Tb-145



65-Tb-145

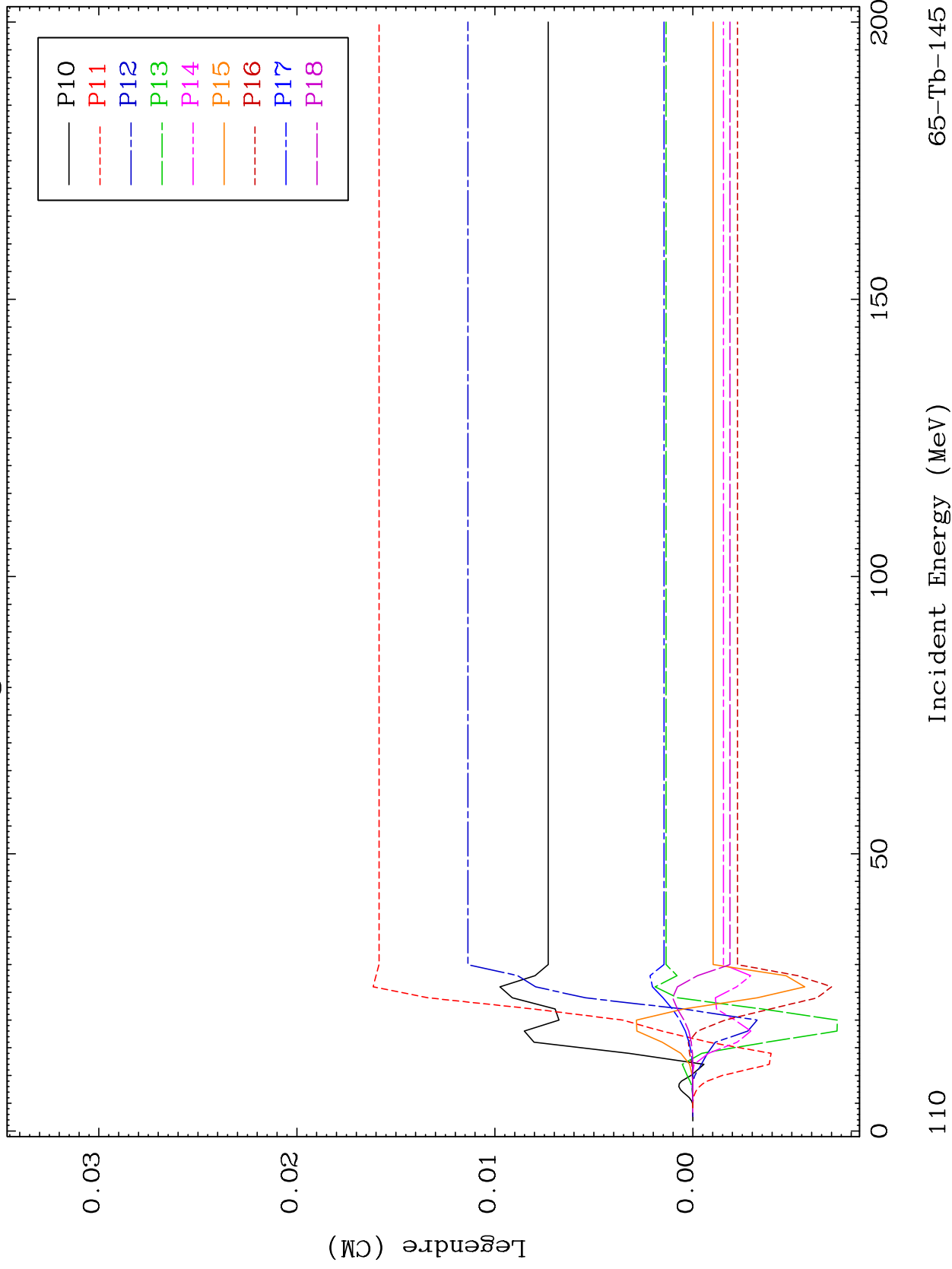
Incident Energy (MeV)

109

MAT 6483

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

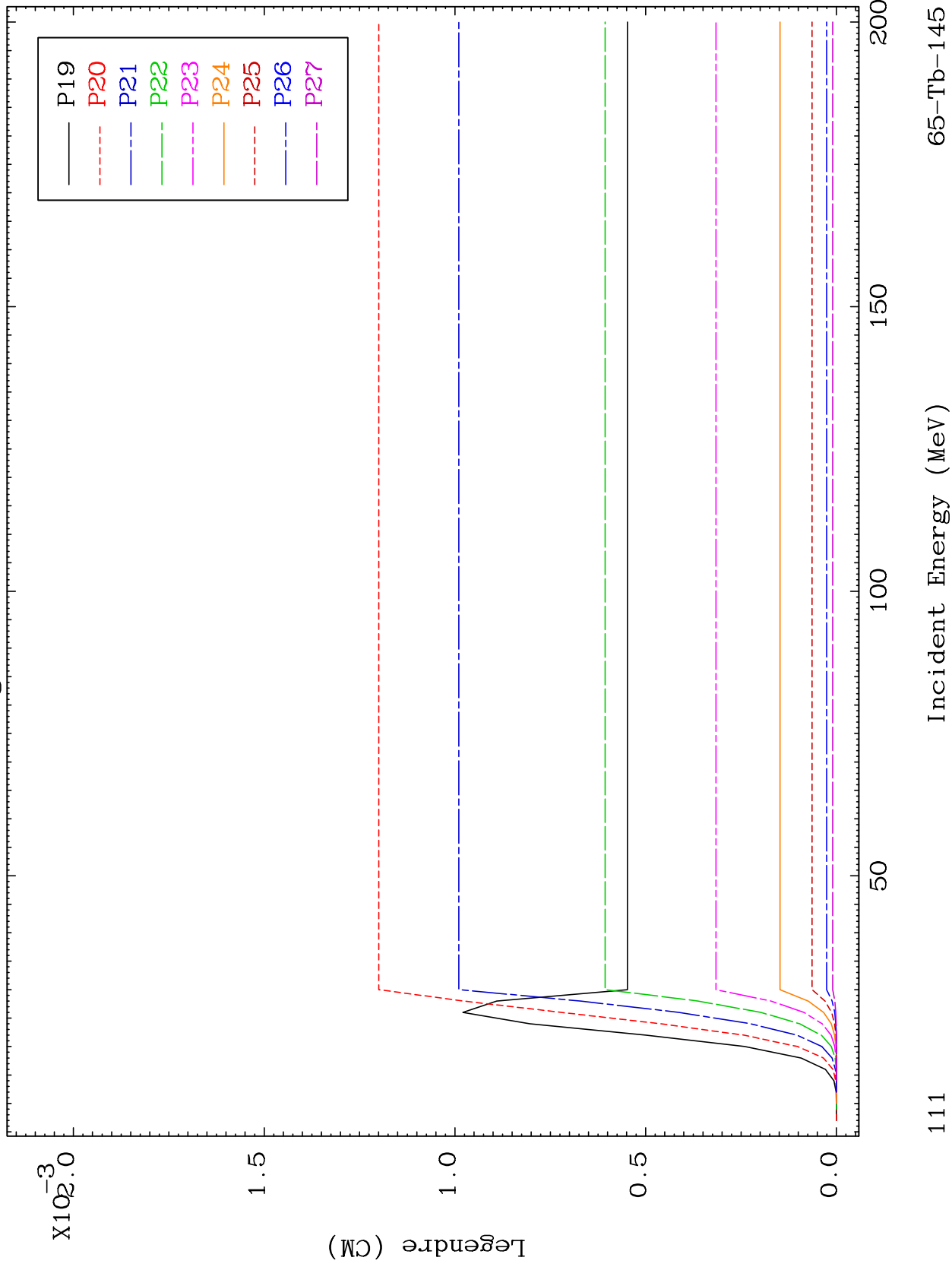
65-Tb-145



MAT 6483

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

65-Tb-145



111

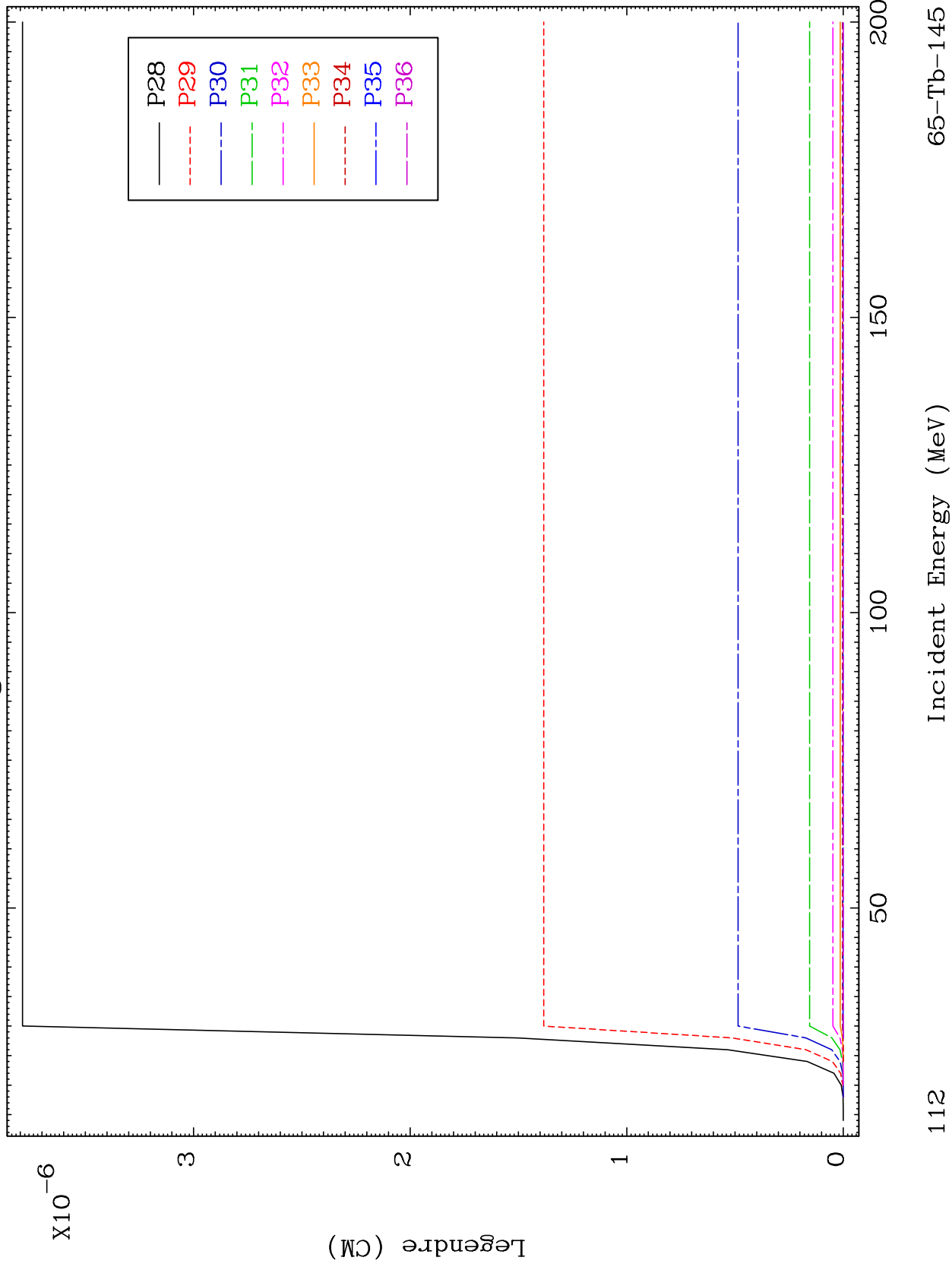
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



112

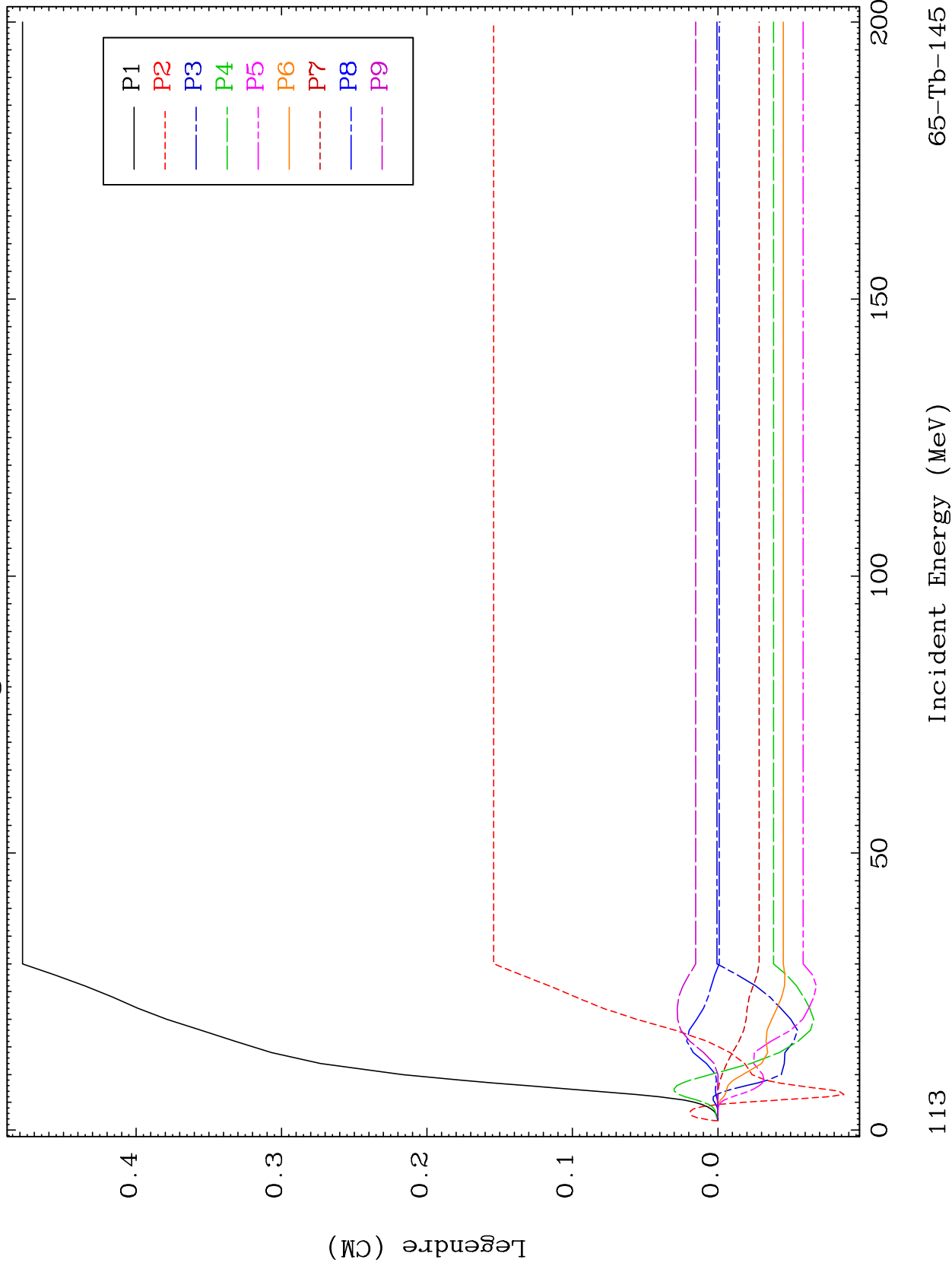
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



113

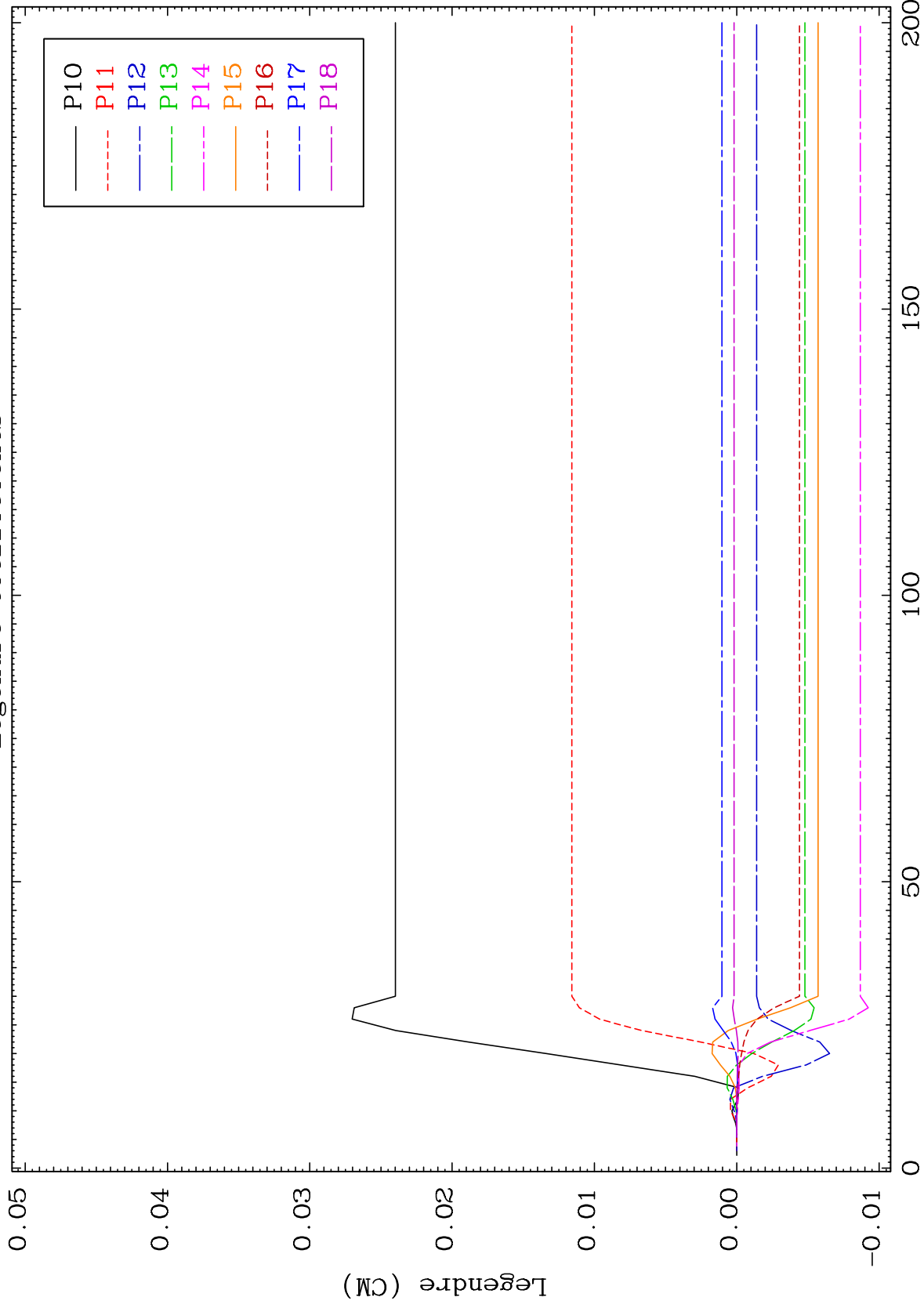
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



114

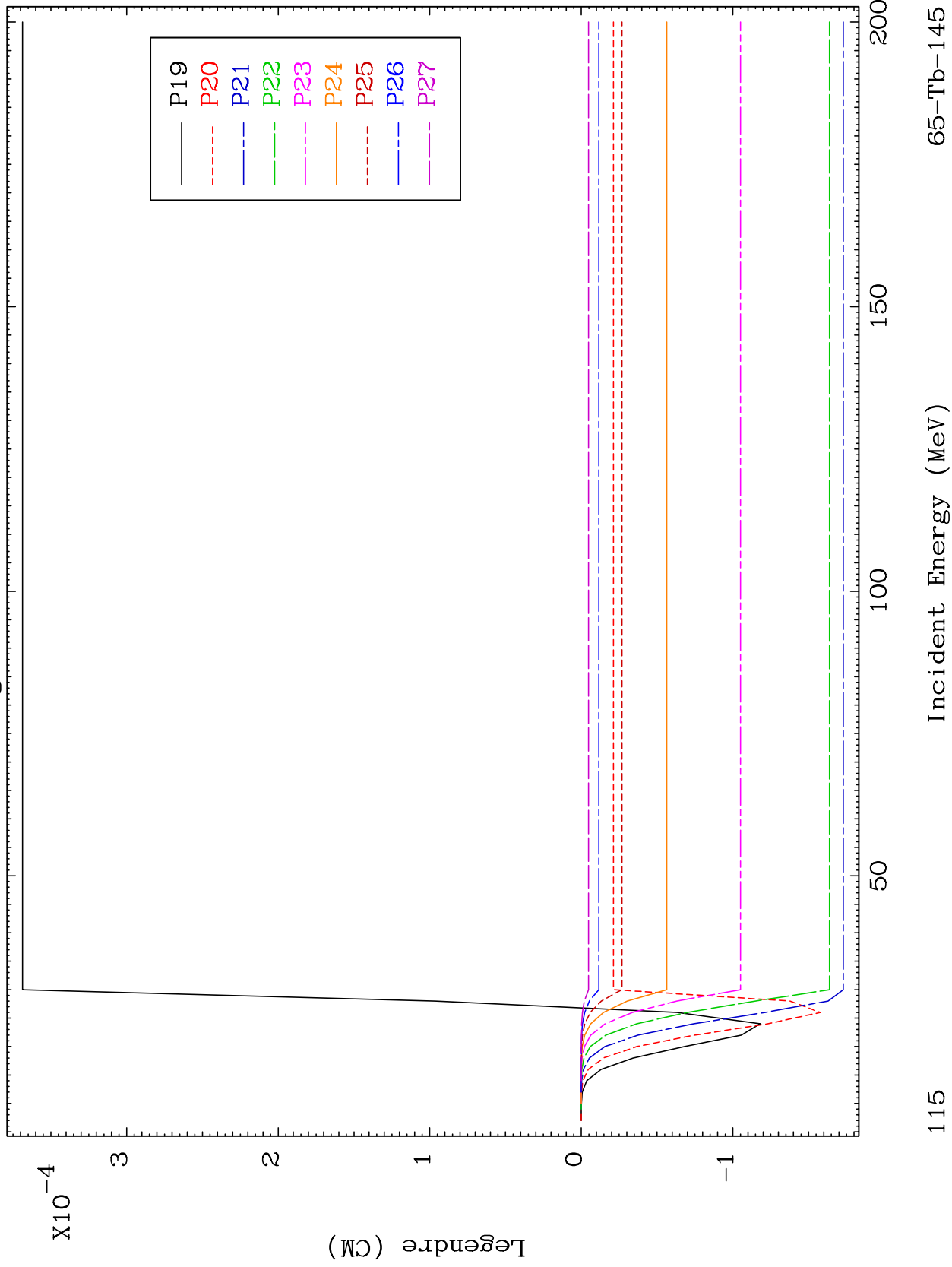
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

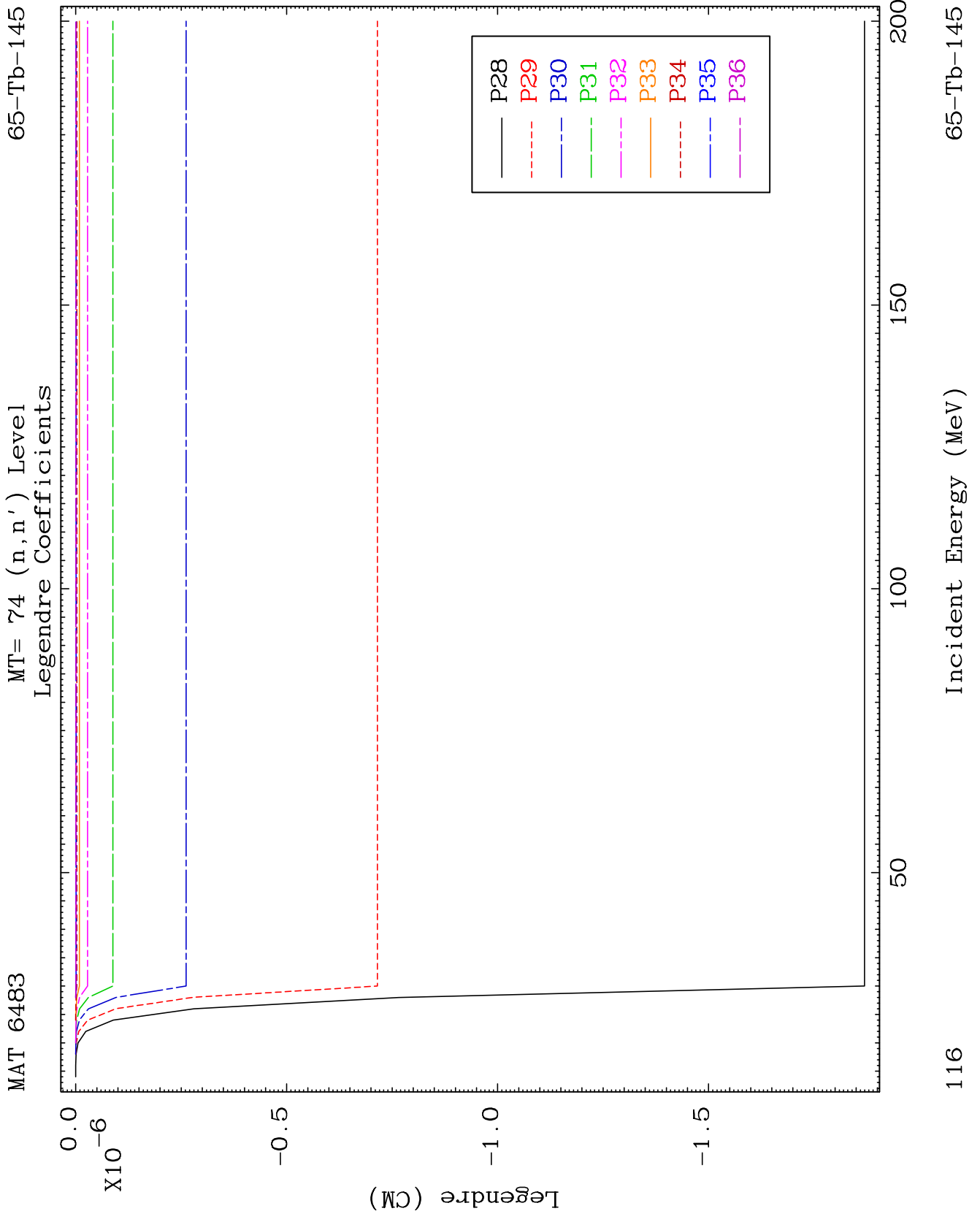
65-Tb-145



115

Incident Energy (MeV)

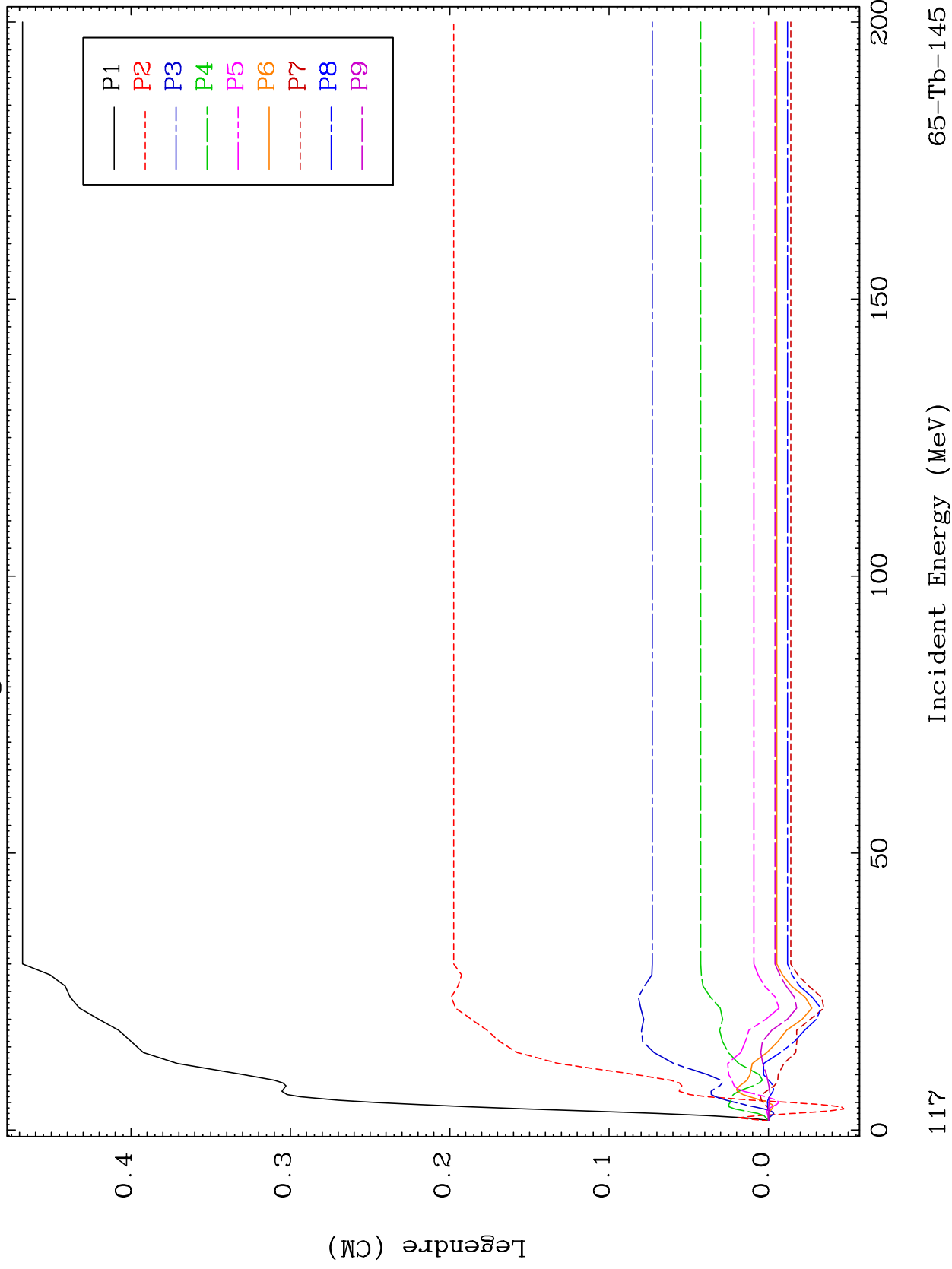
65-Tb-145



MAT 6483

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

65-Tb-145



117

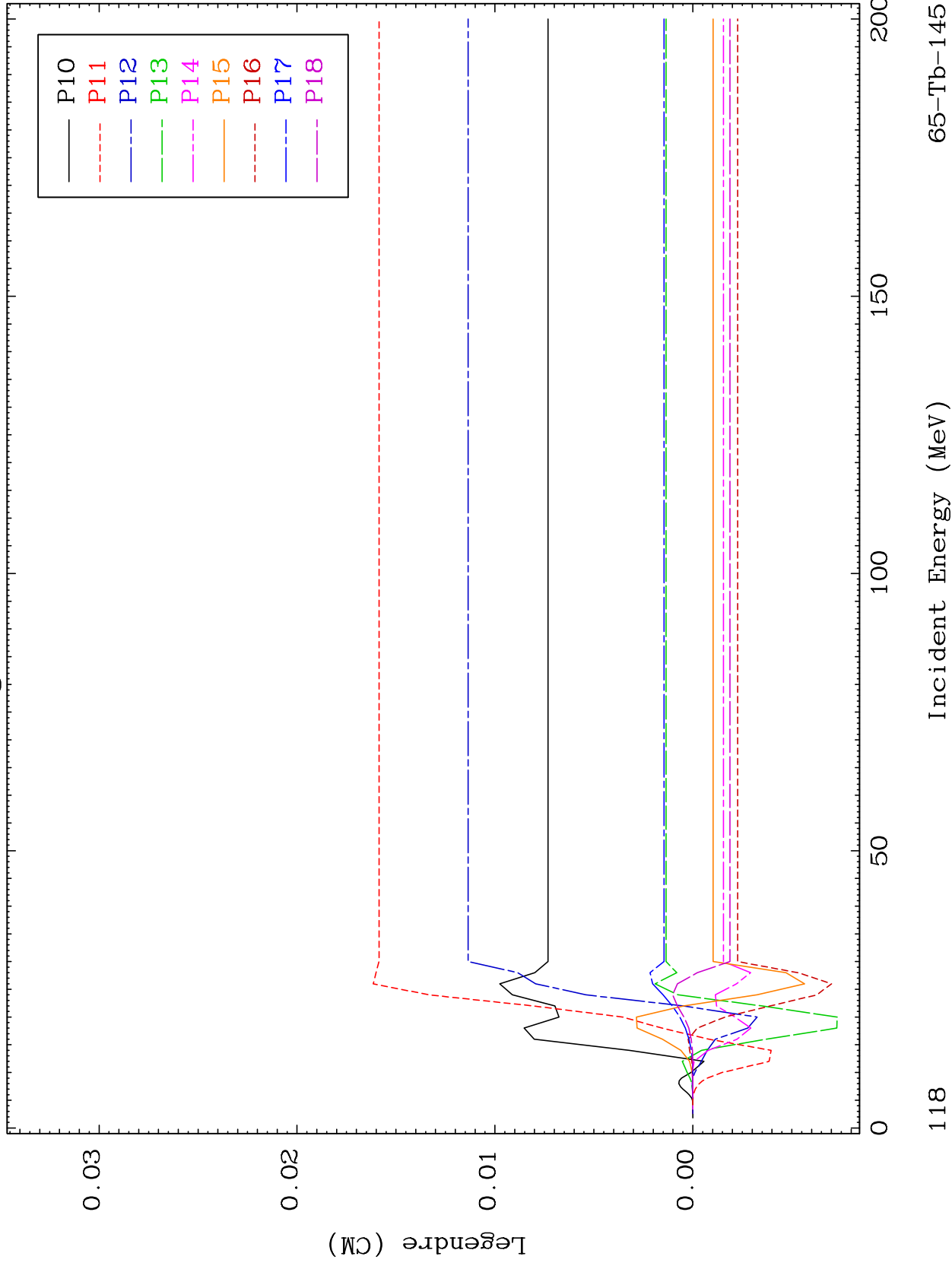
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



65-Tb-145

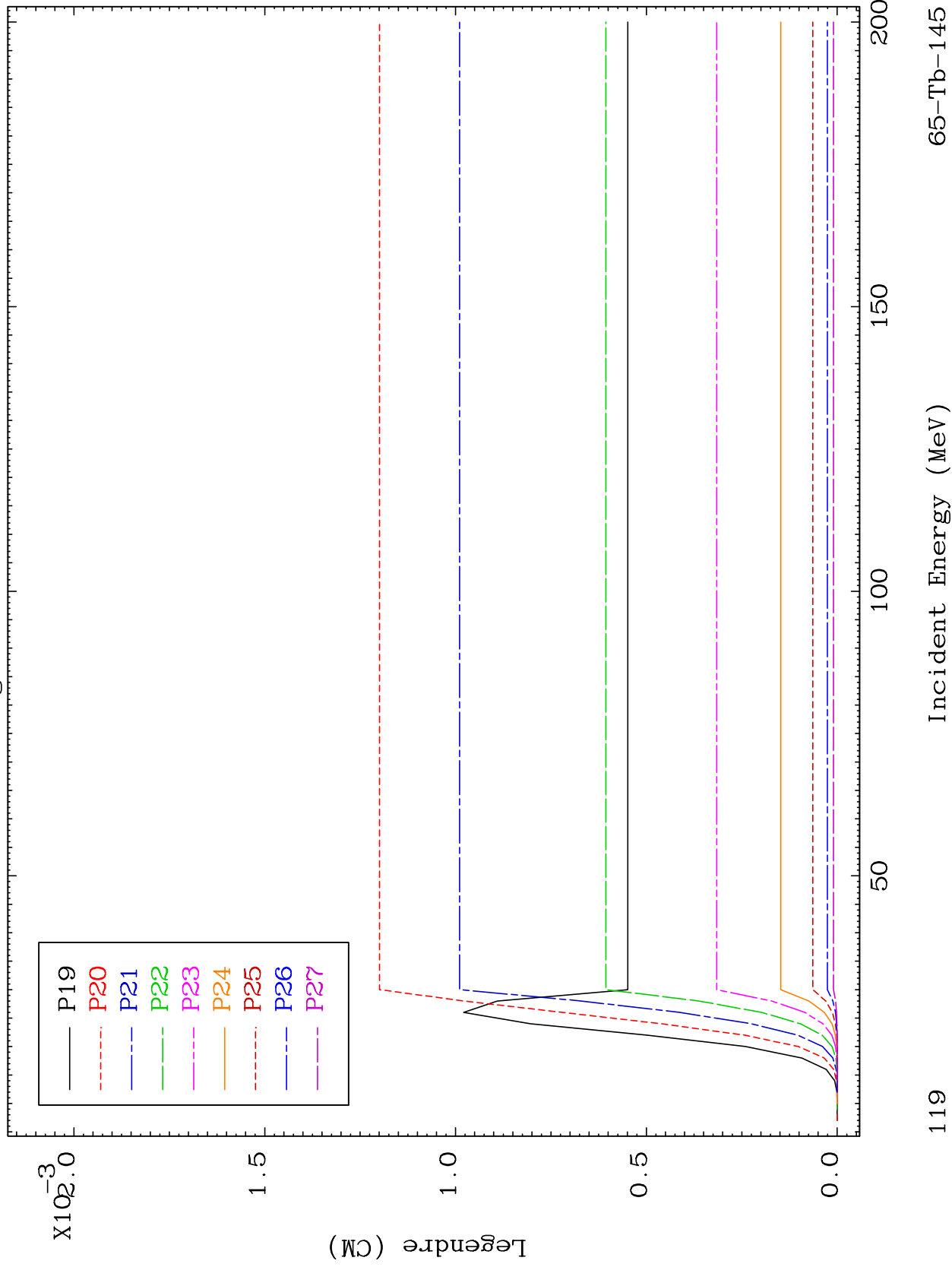
Incident Energy (MeV)

118

MAT 6483

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

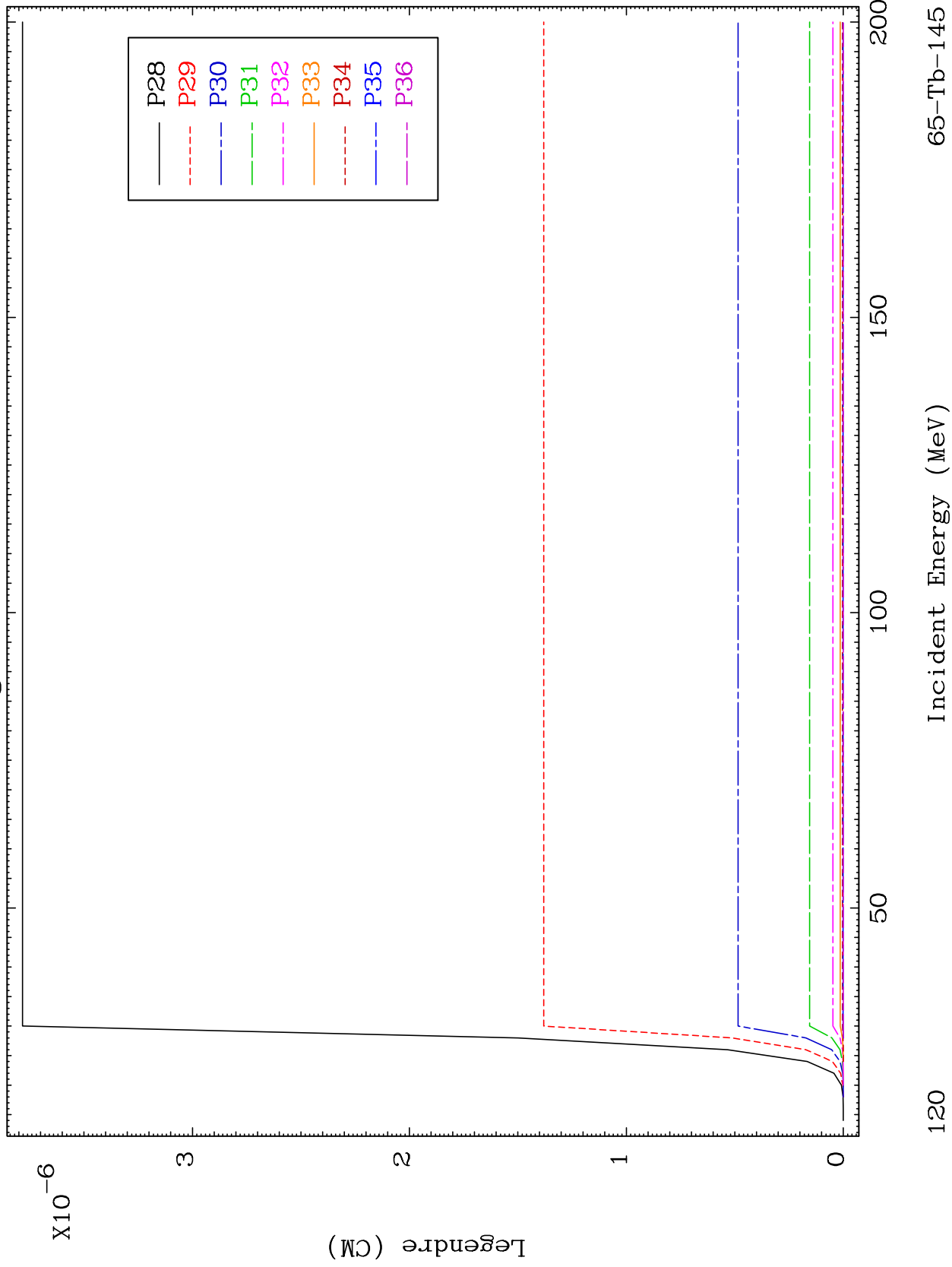
65-Tb-145



MAT 6483

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

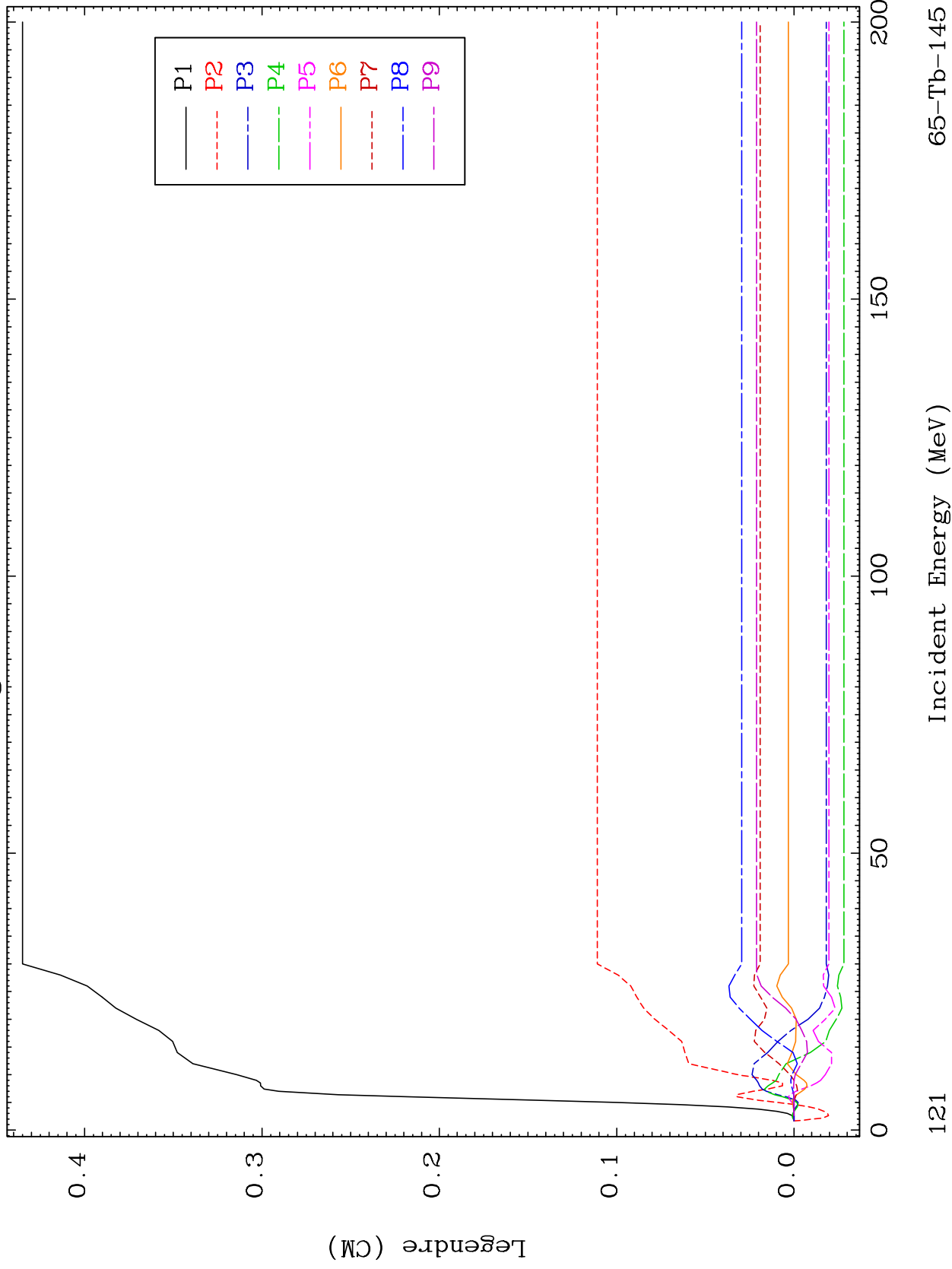
65-Tb-145



MAT 6483

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

65-Tb-145



65-Tb-145

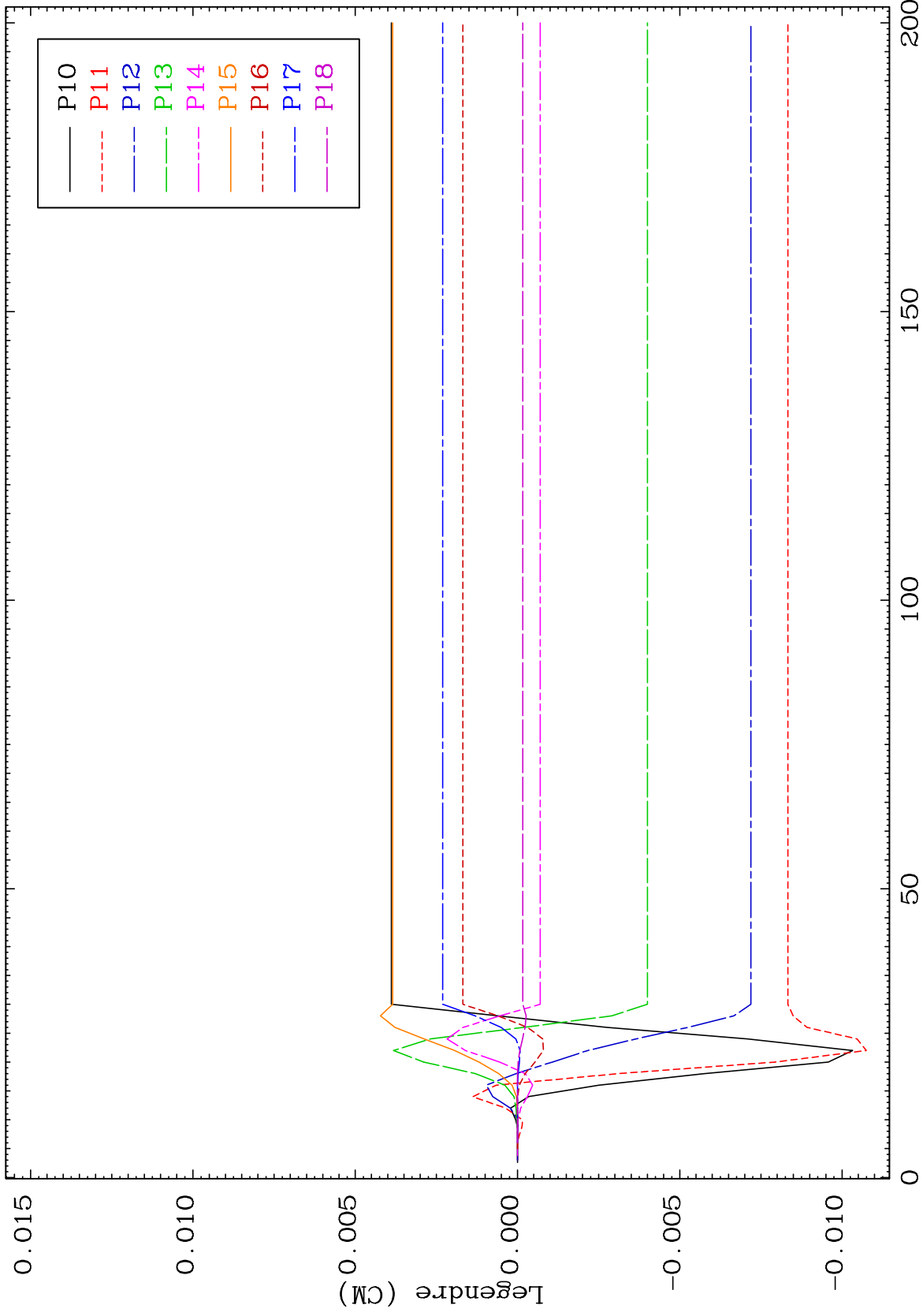
Incident Energy (MeV)

121

MAT 6483

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

65-Tb-145



122

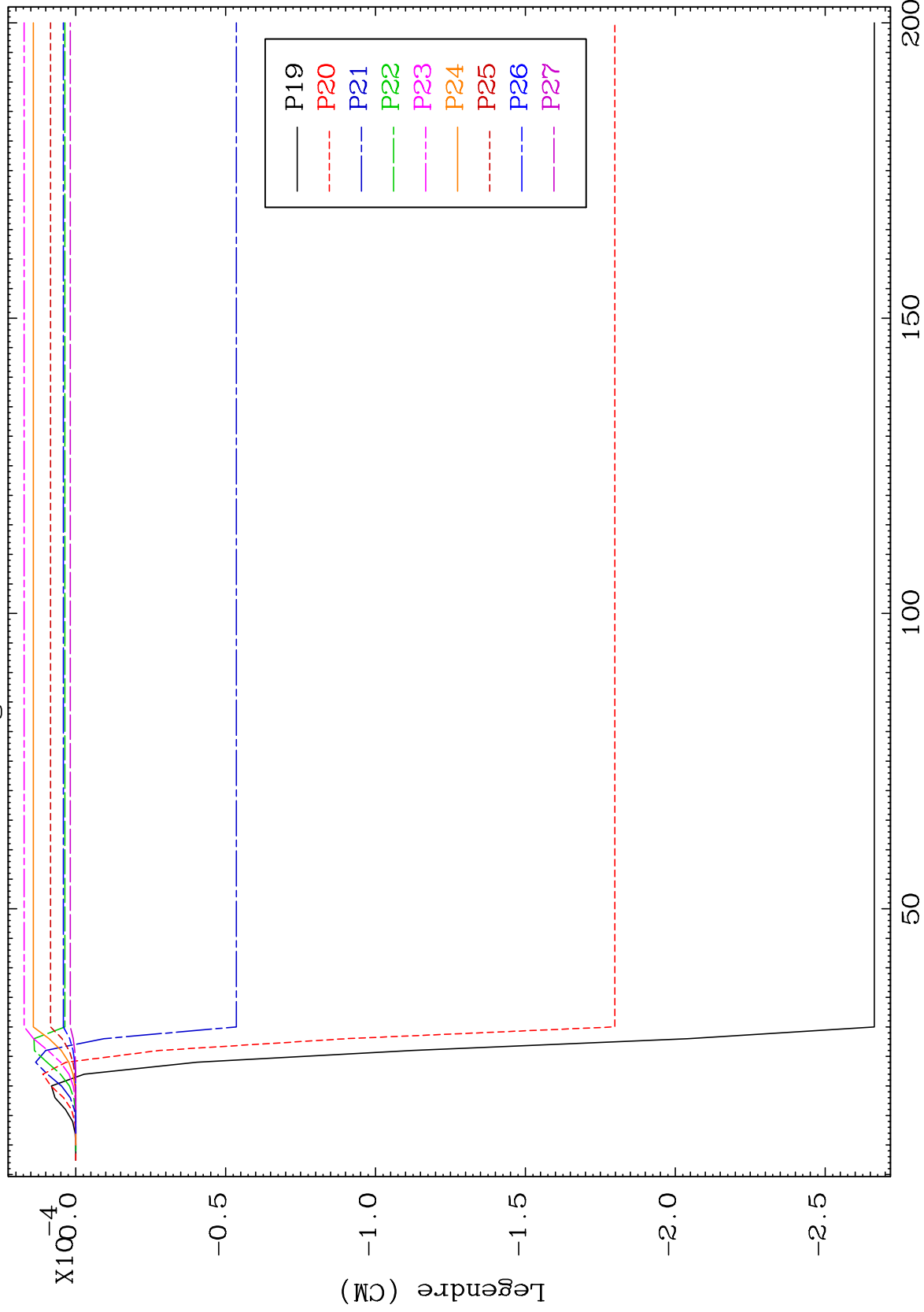
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



123

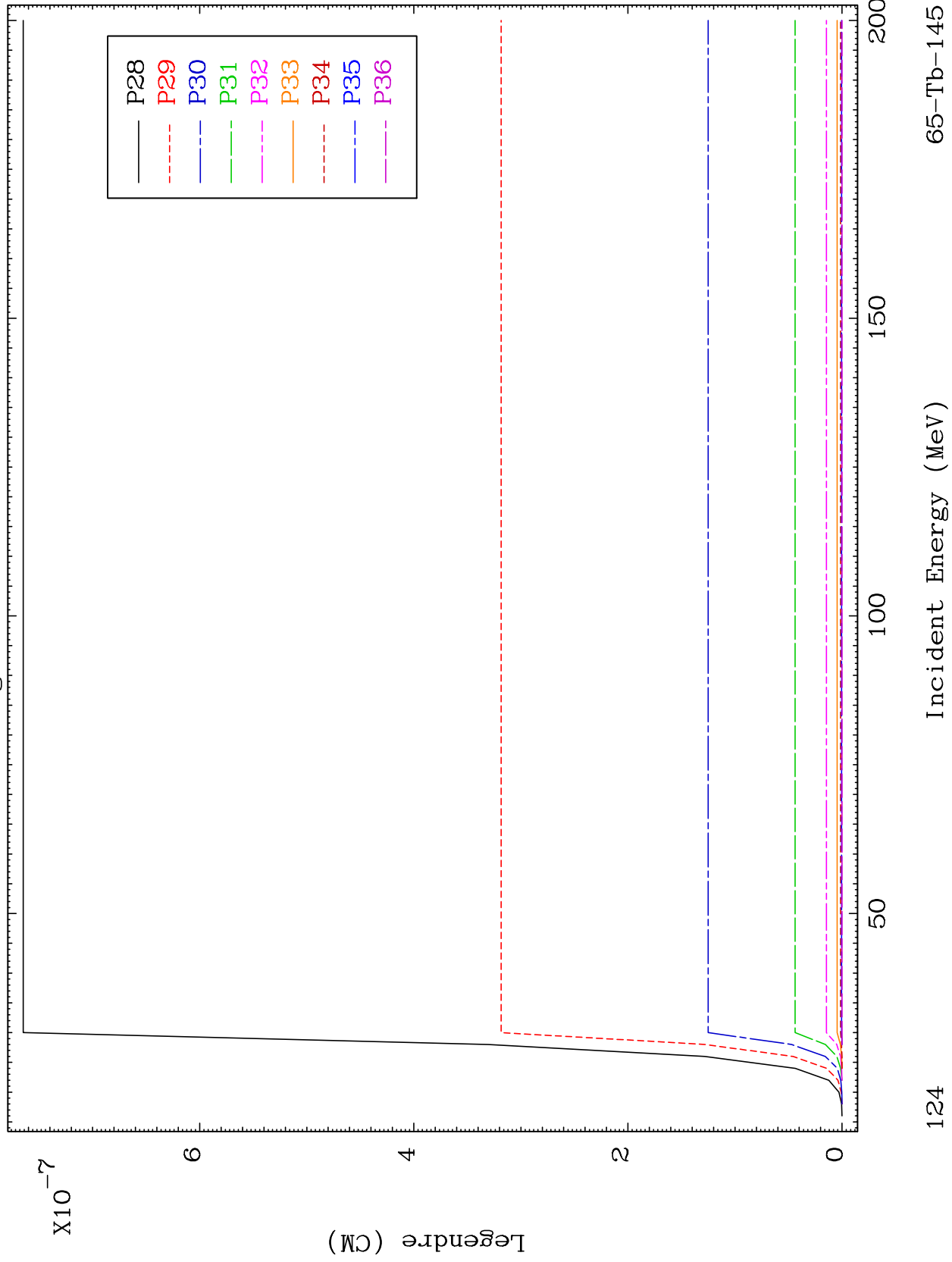
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



124

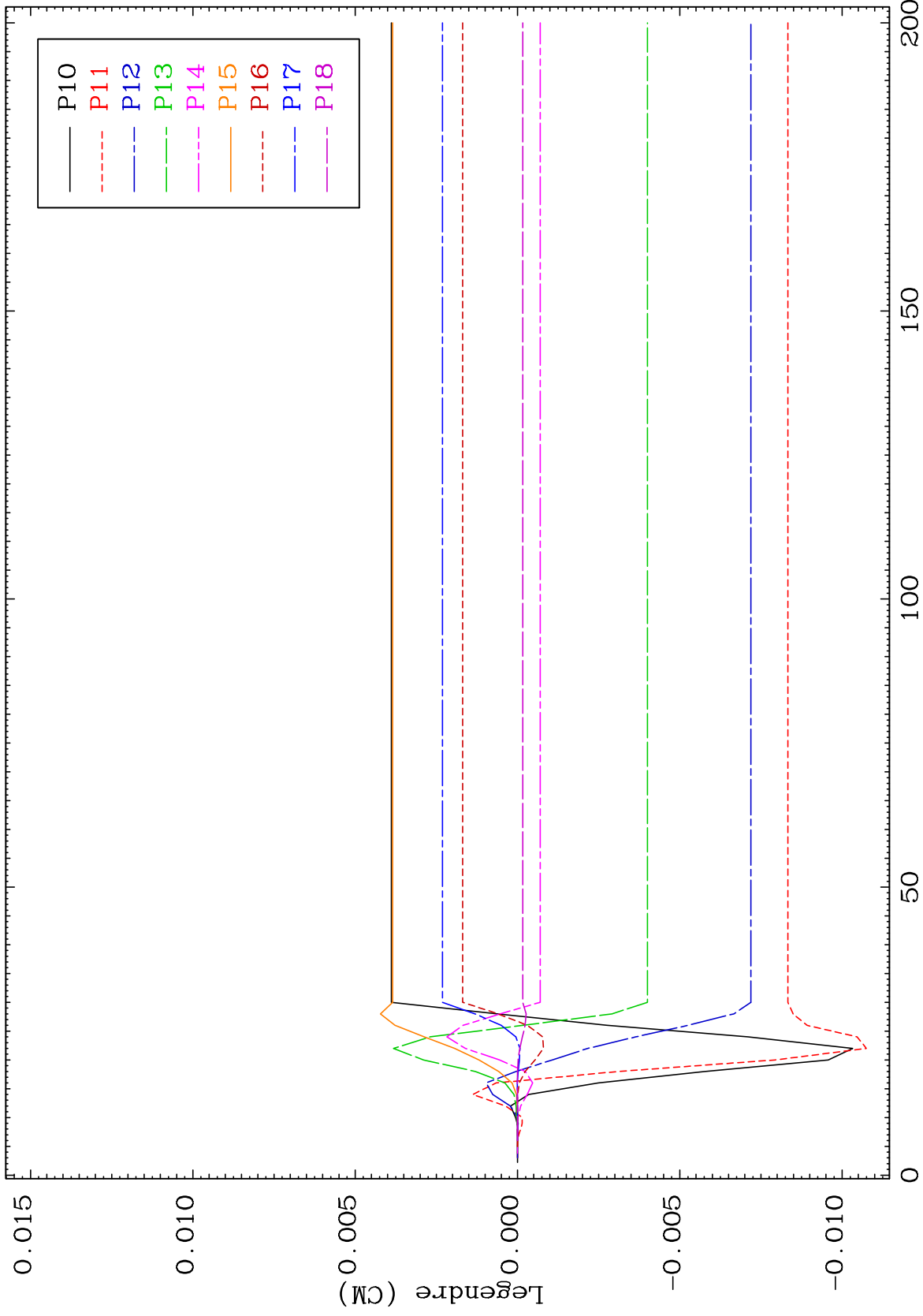
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



126

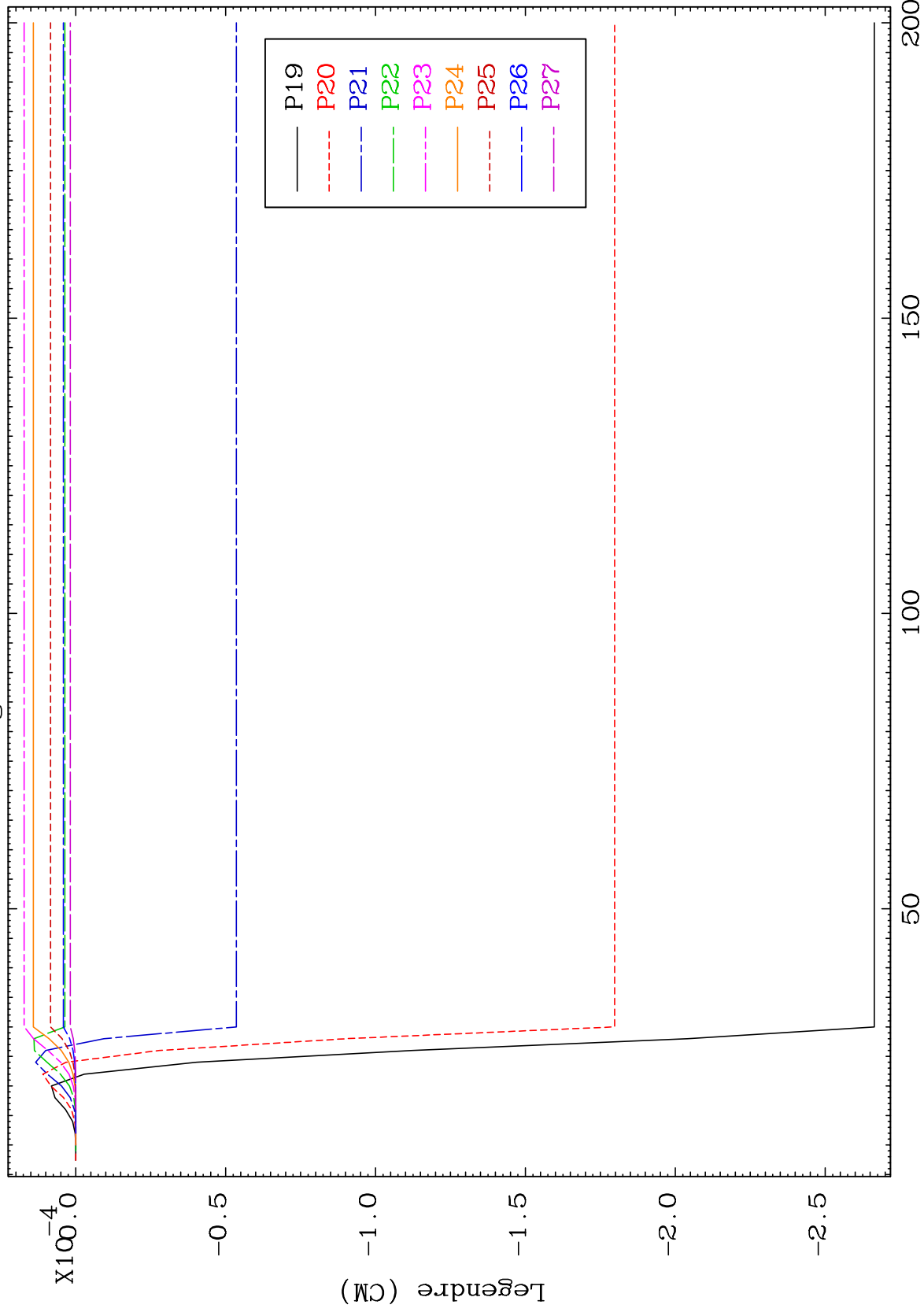
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



127

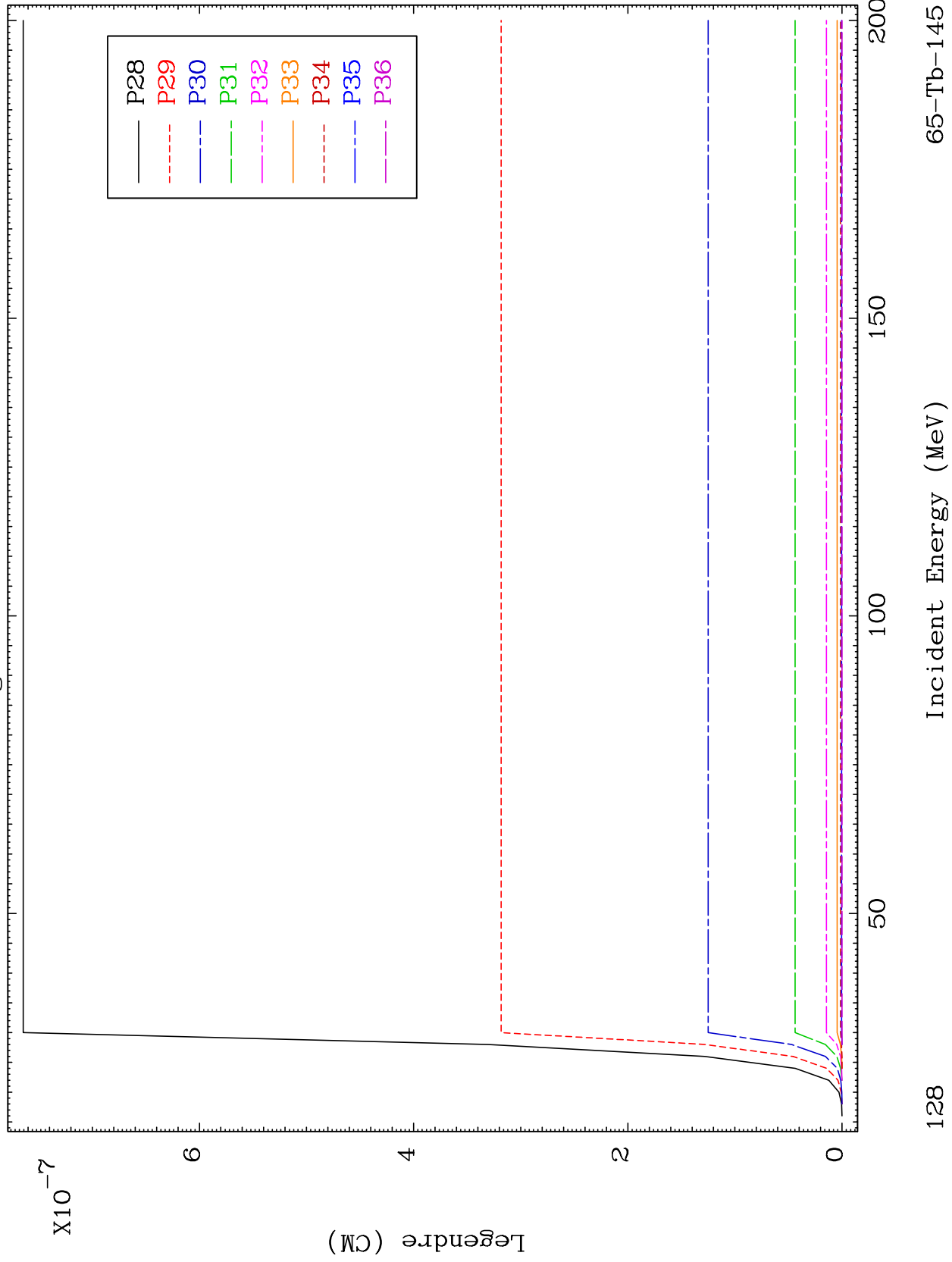
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



128

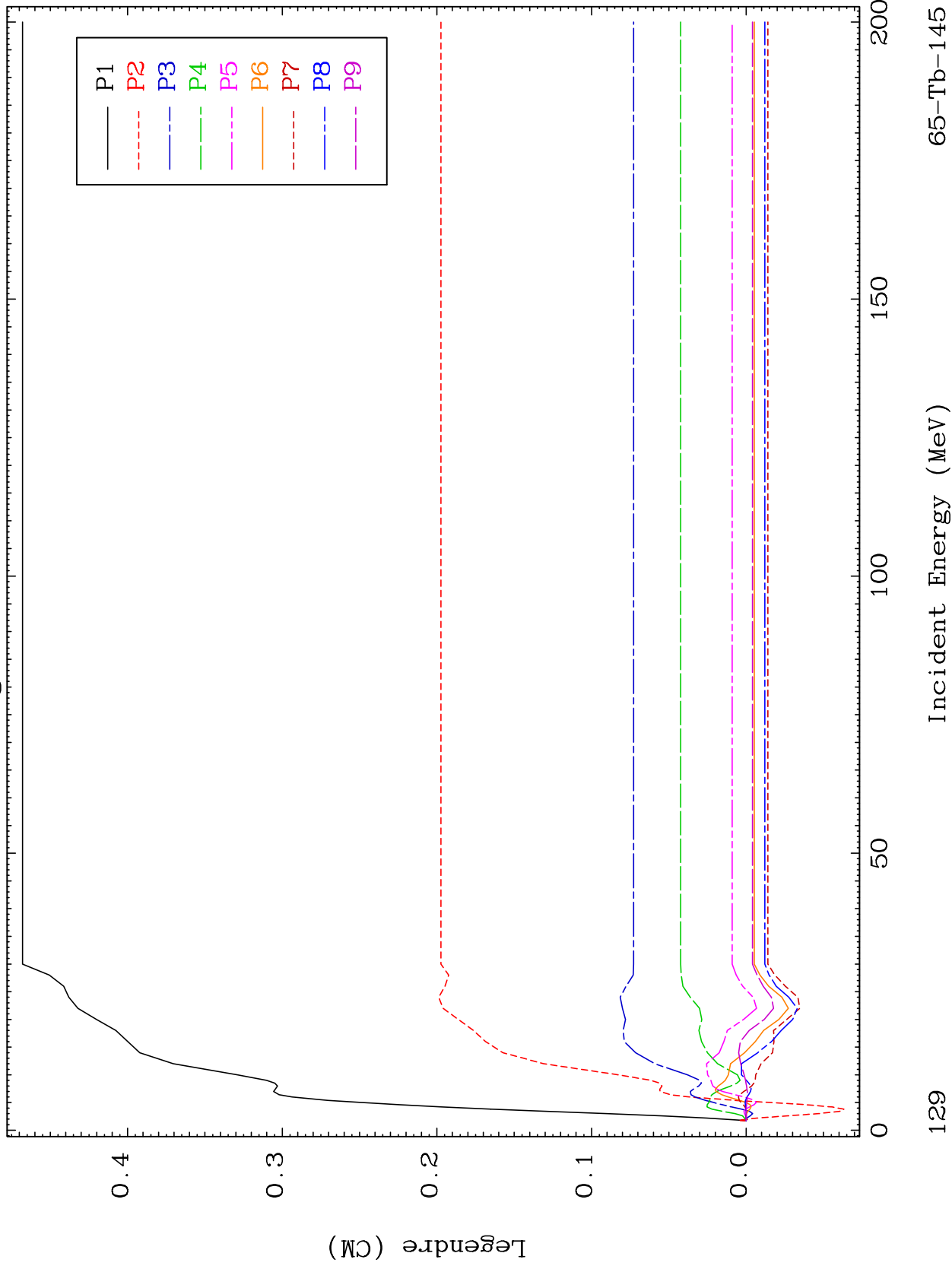
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



65-Tb-145

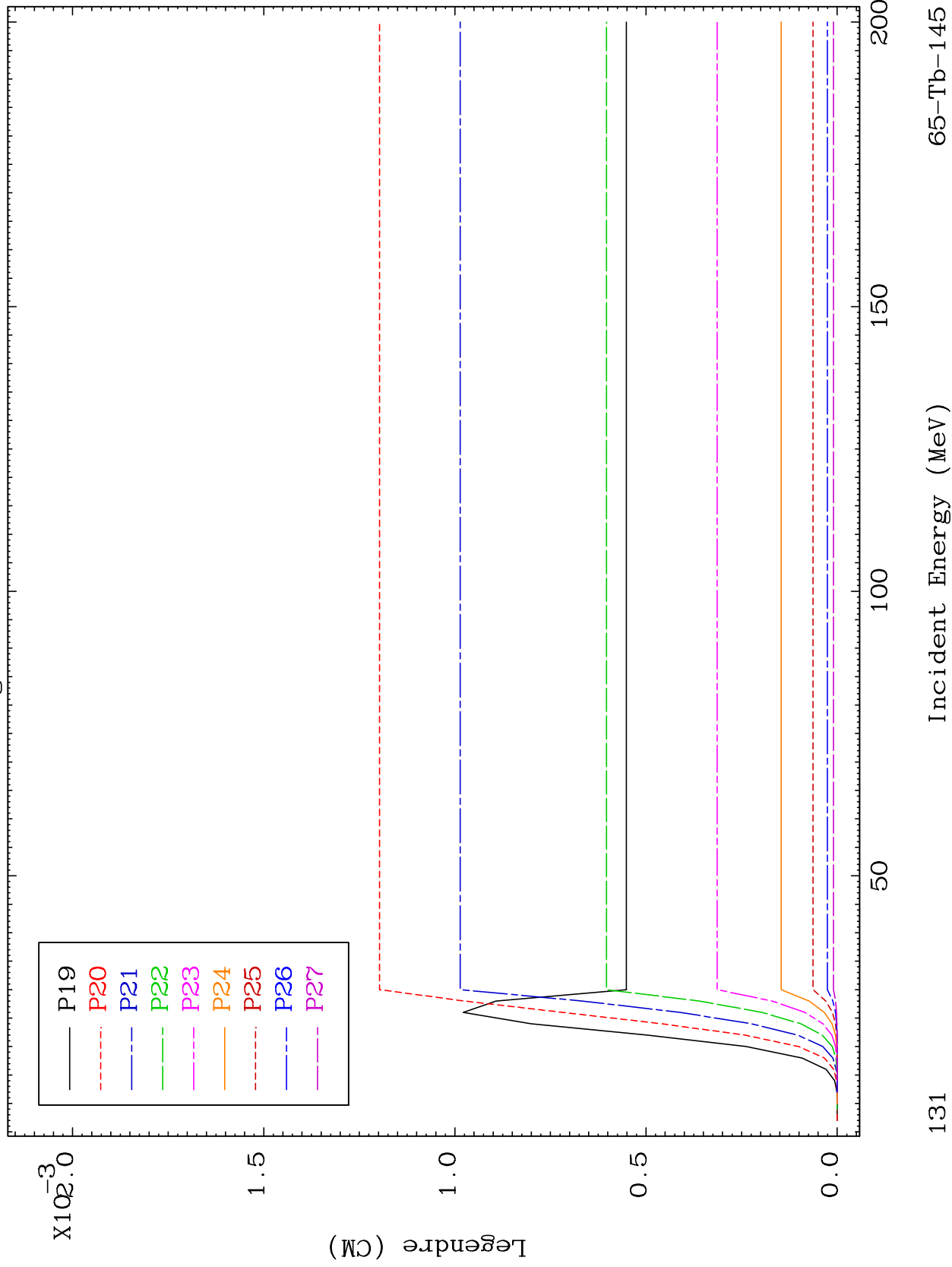
Incident Energy (MeV)

129

MAT 6483

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

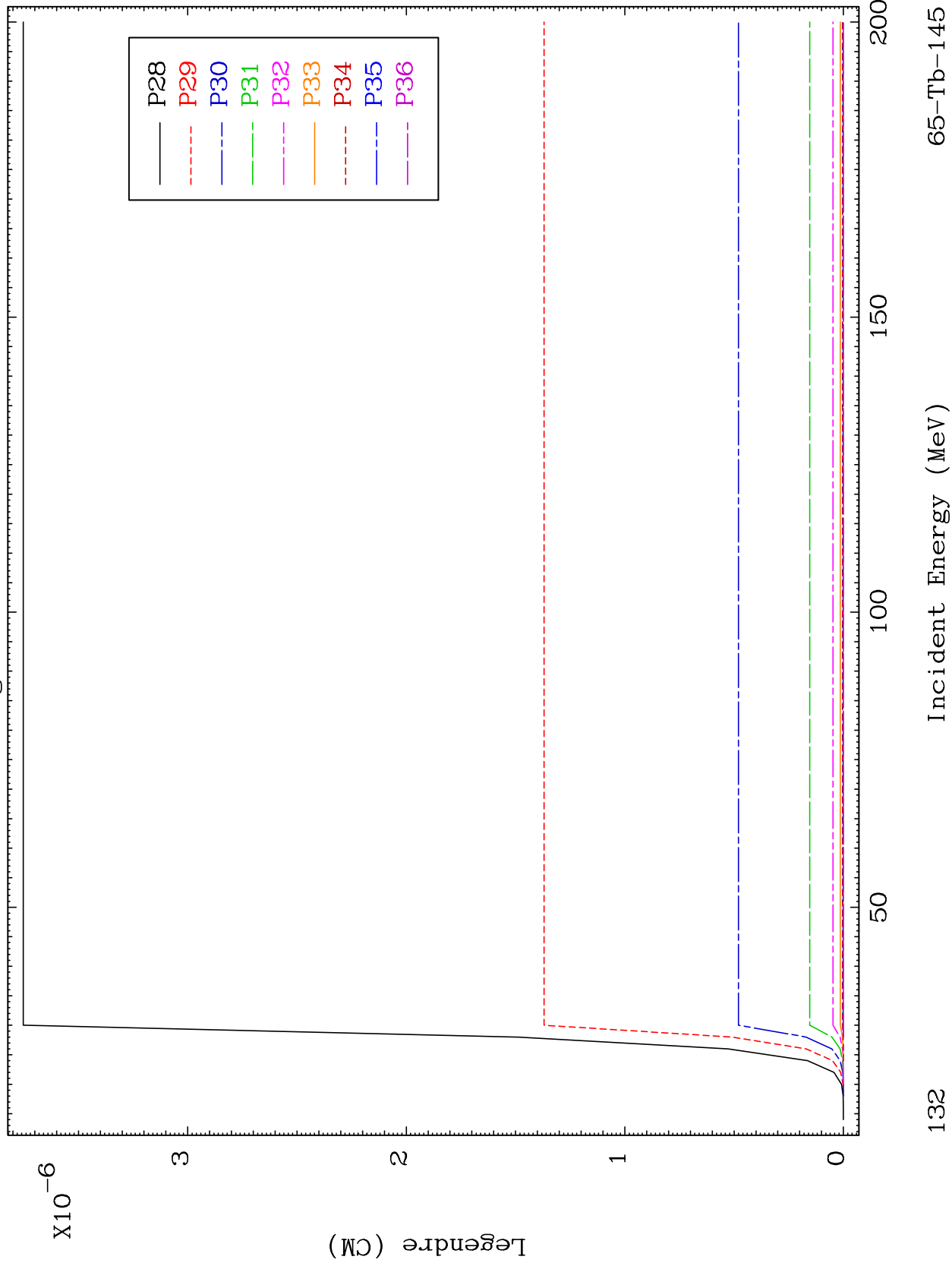
65-Tb-145



MAT 6483

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

65-Tb-145



132

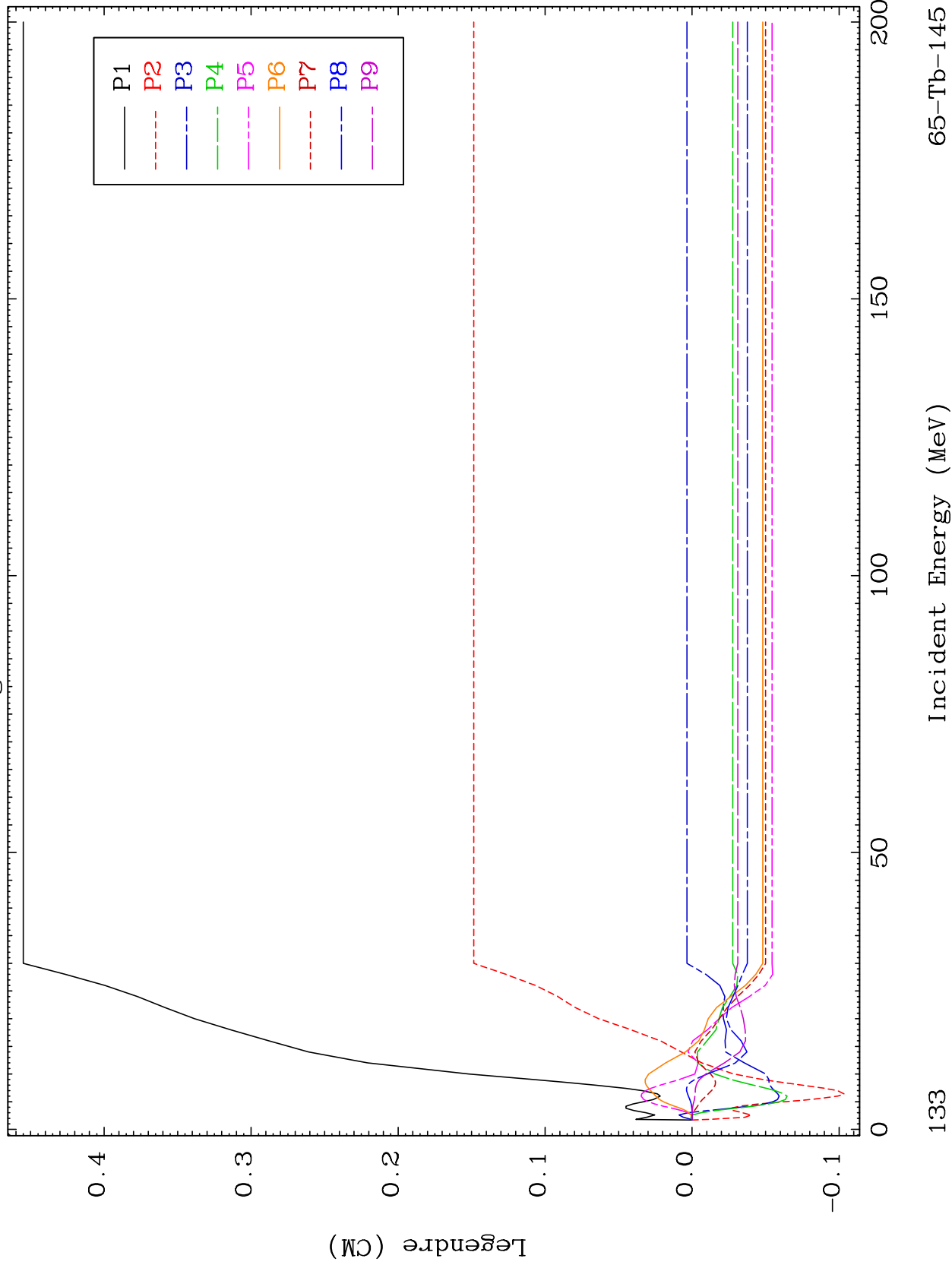
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145

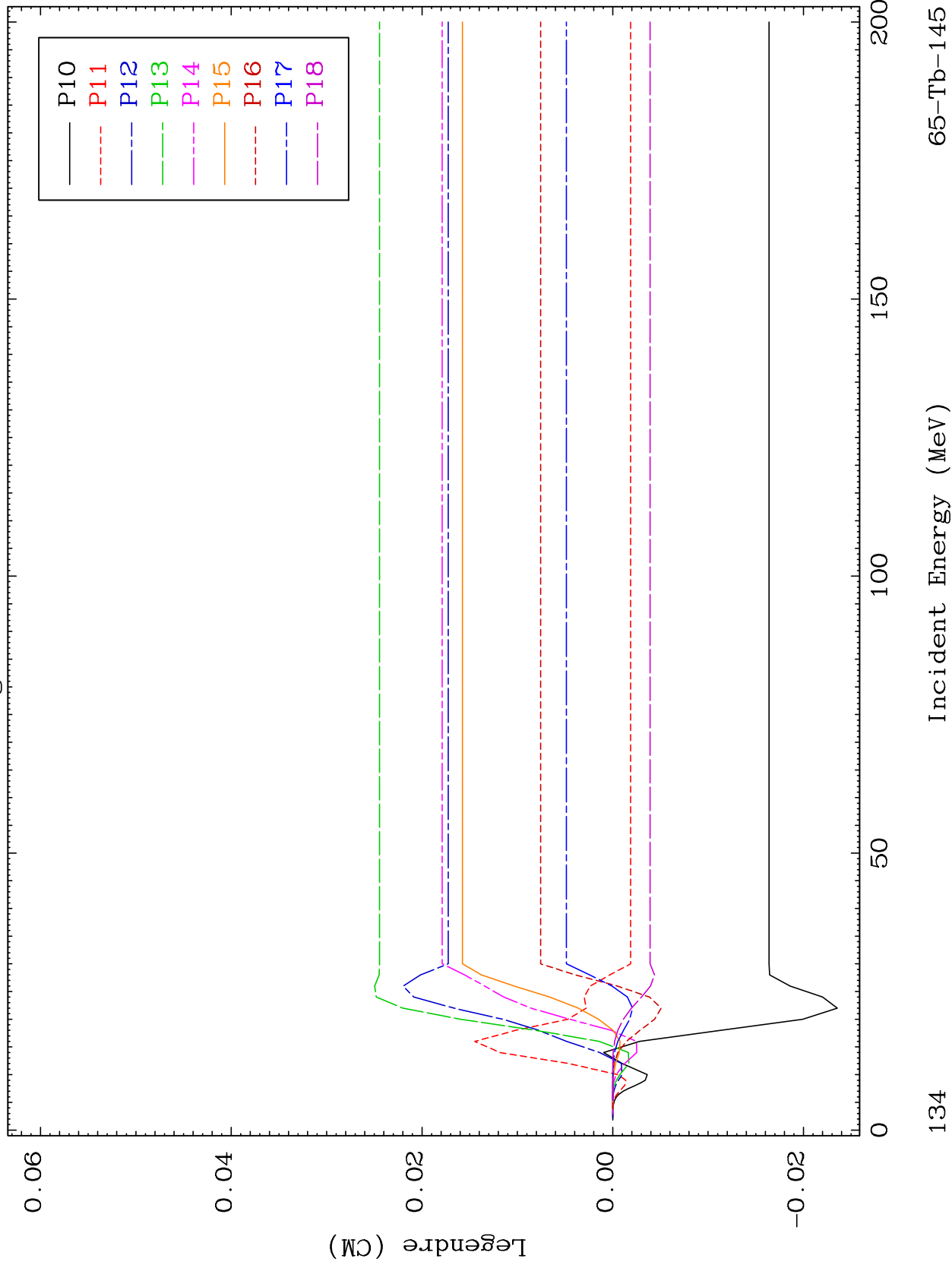


133

MAT 6483

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

65-Tb-145



134

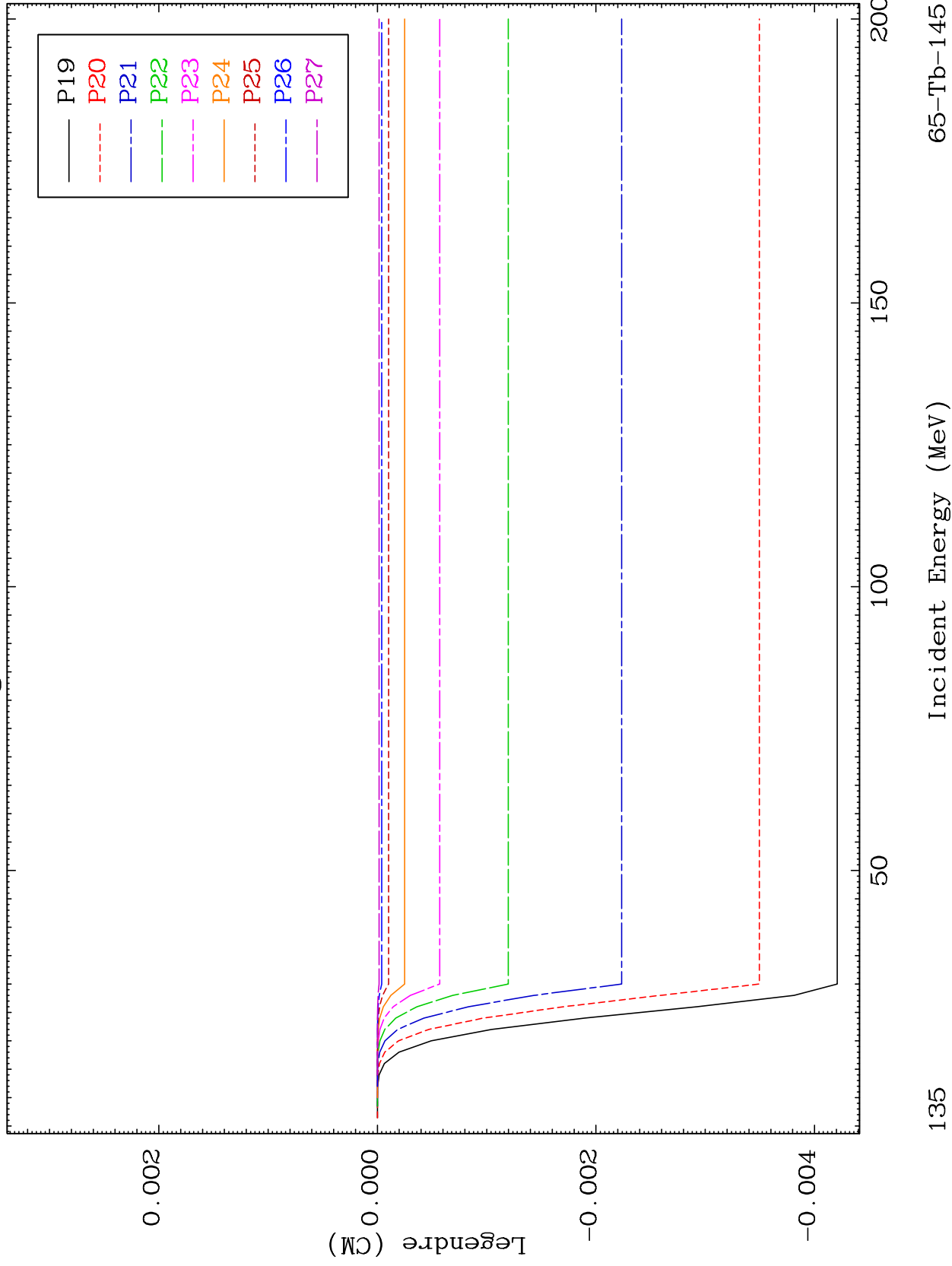
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



135

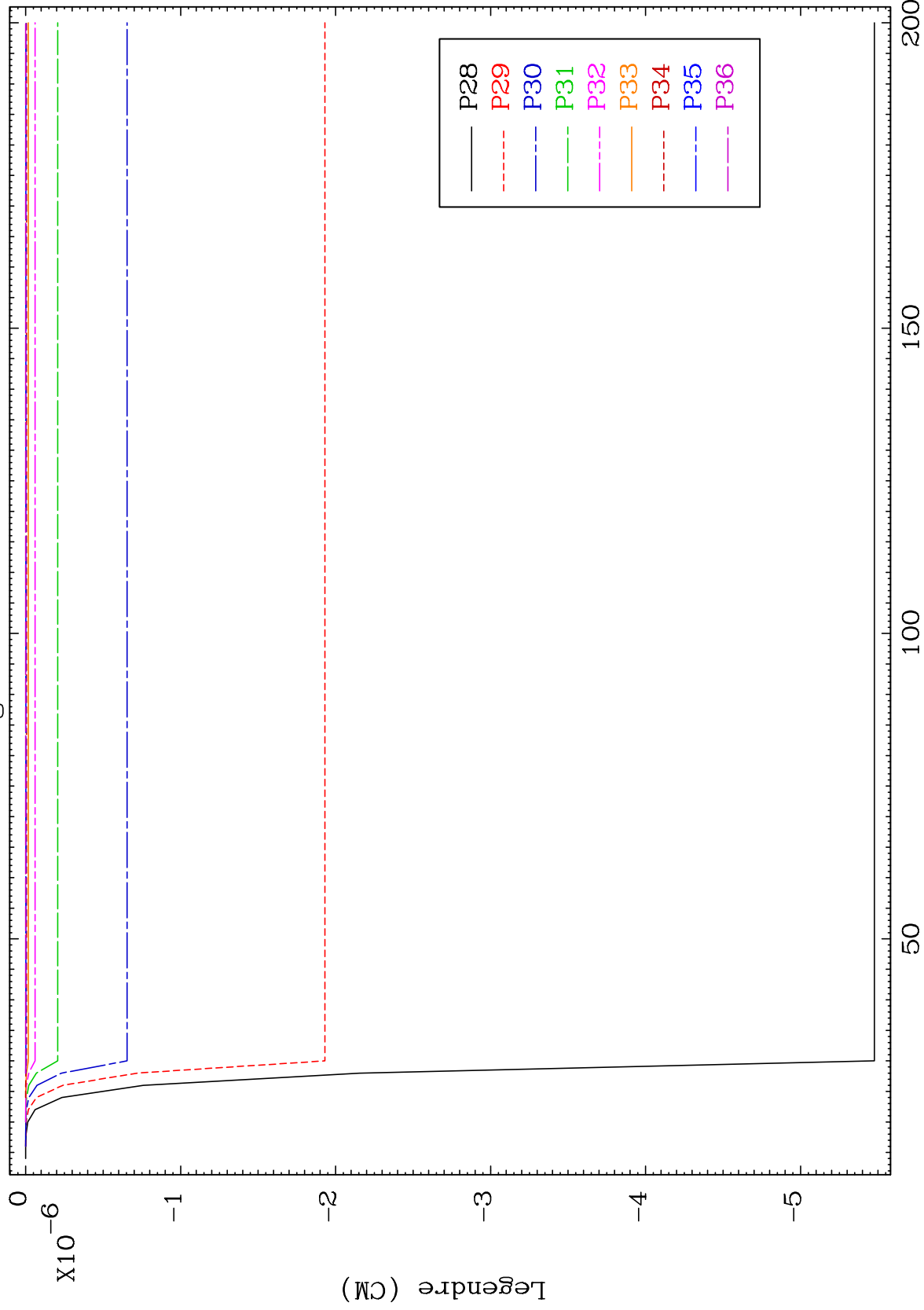
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



136

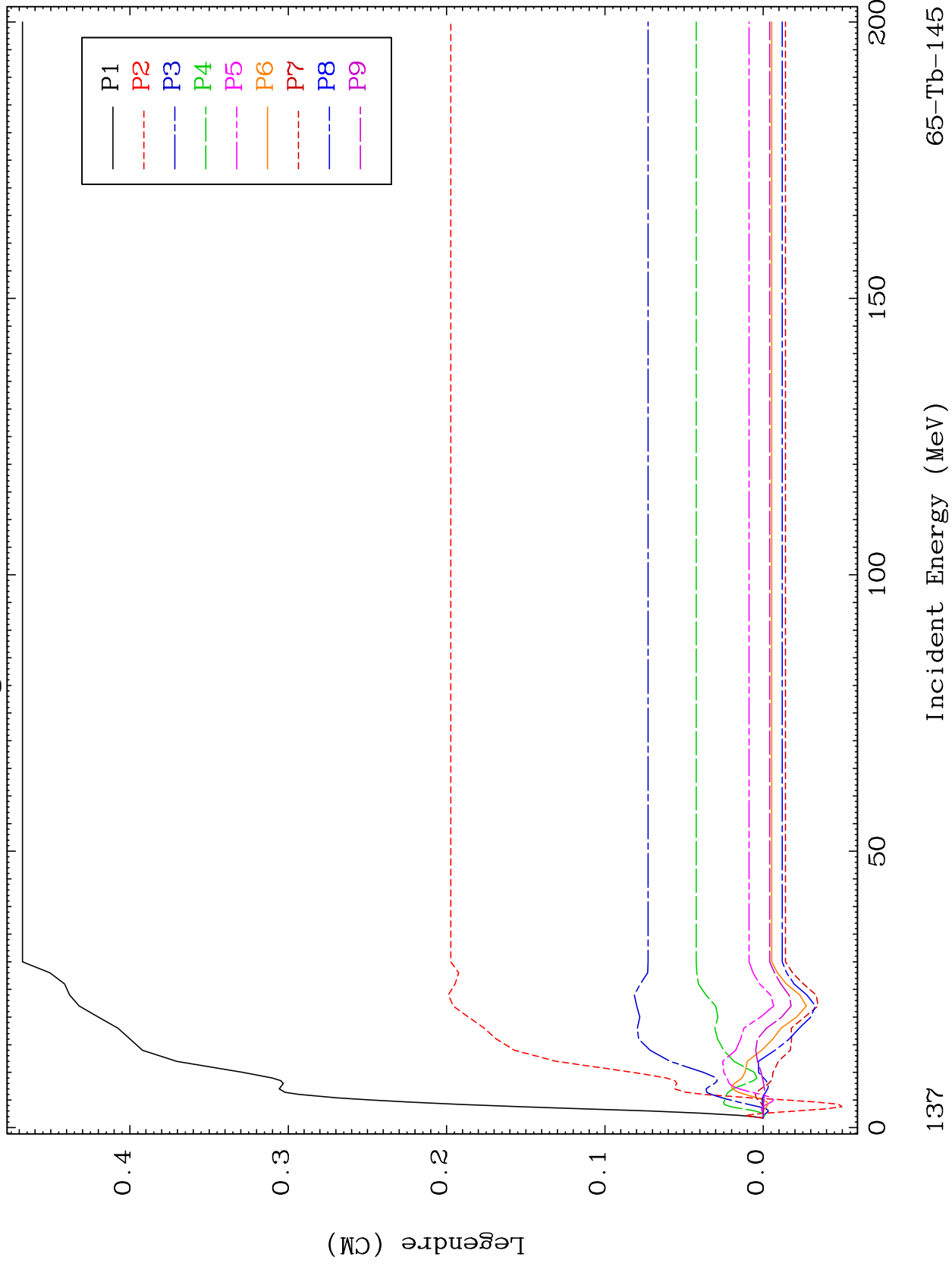
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



137

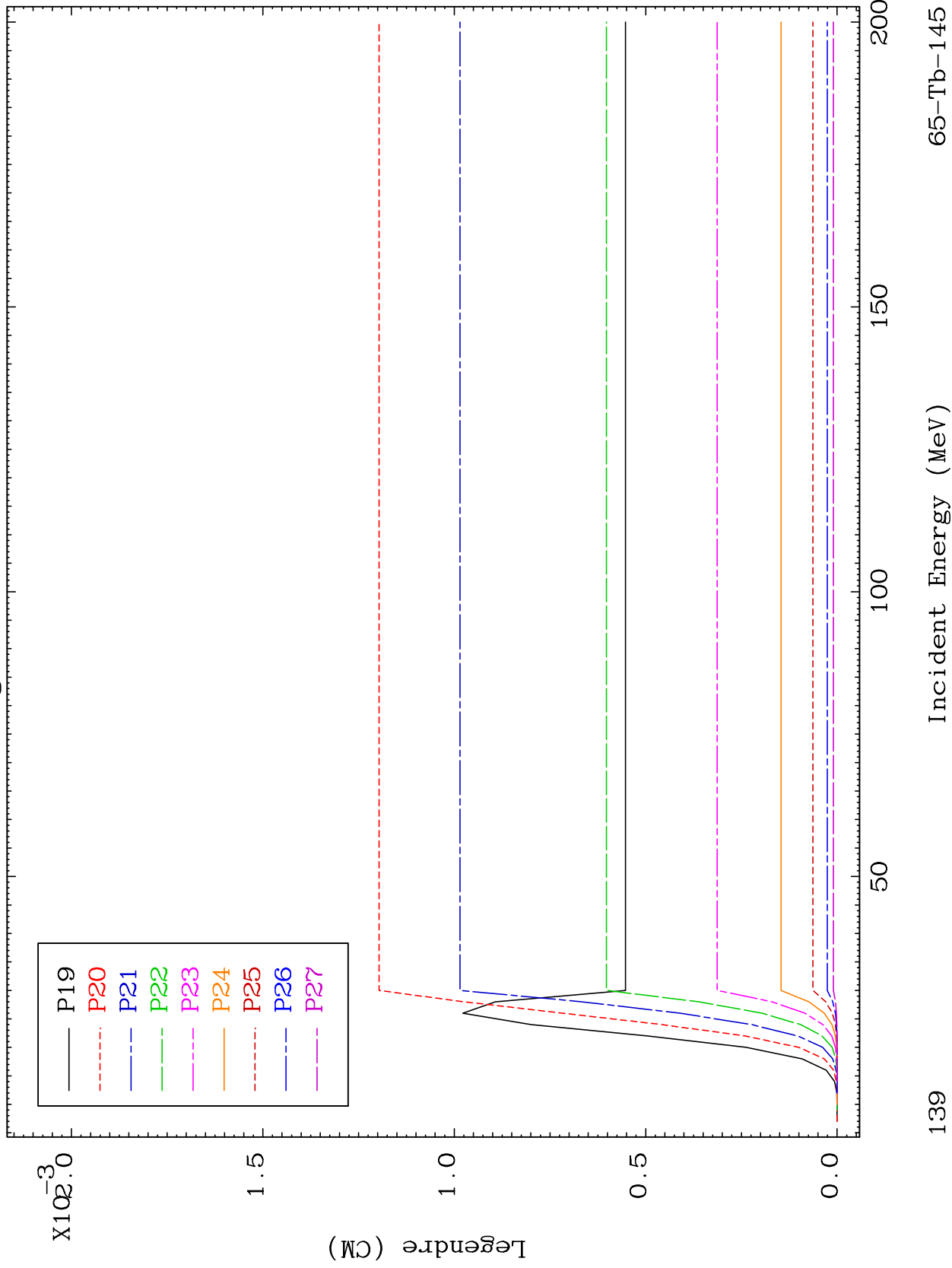
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

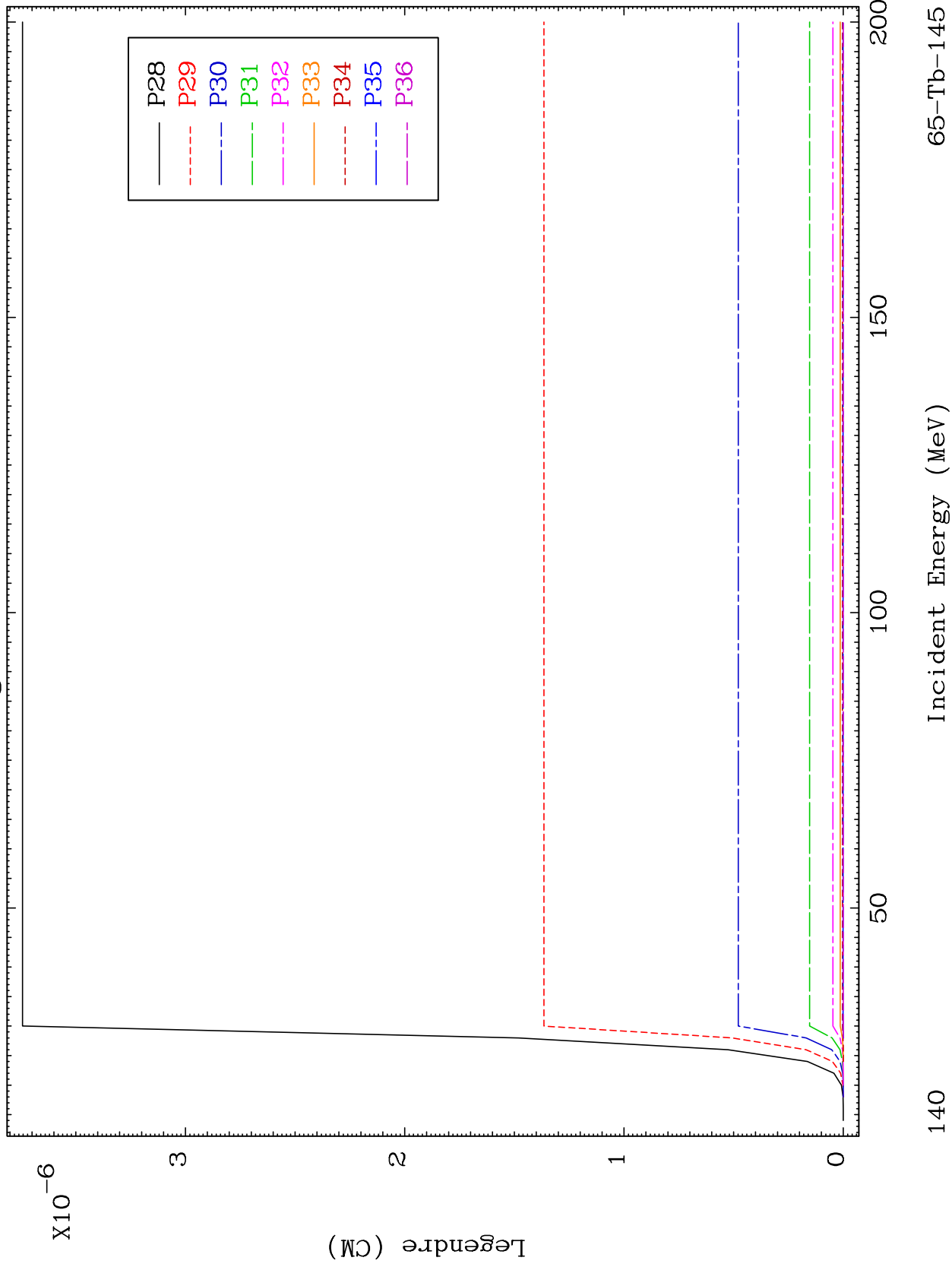
65-Tb-145



MAT 6483

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

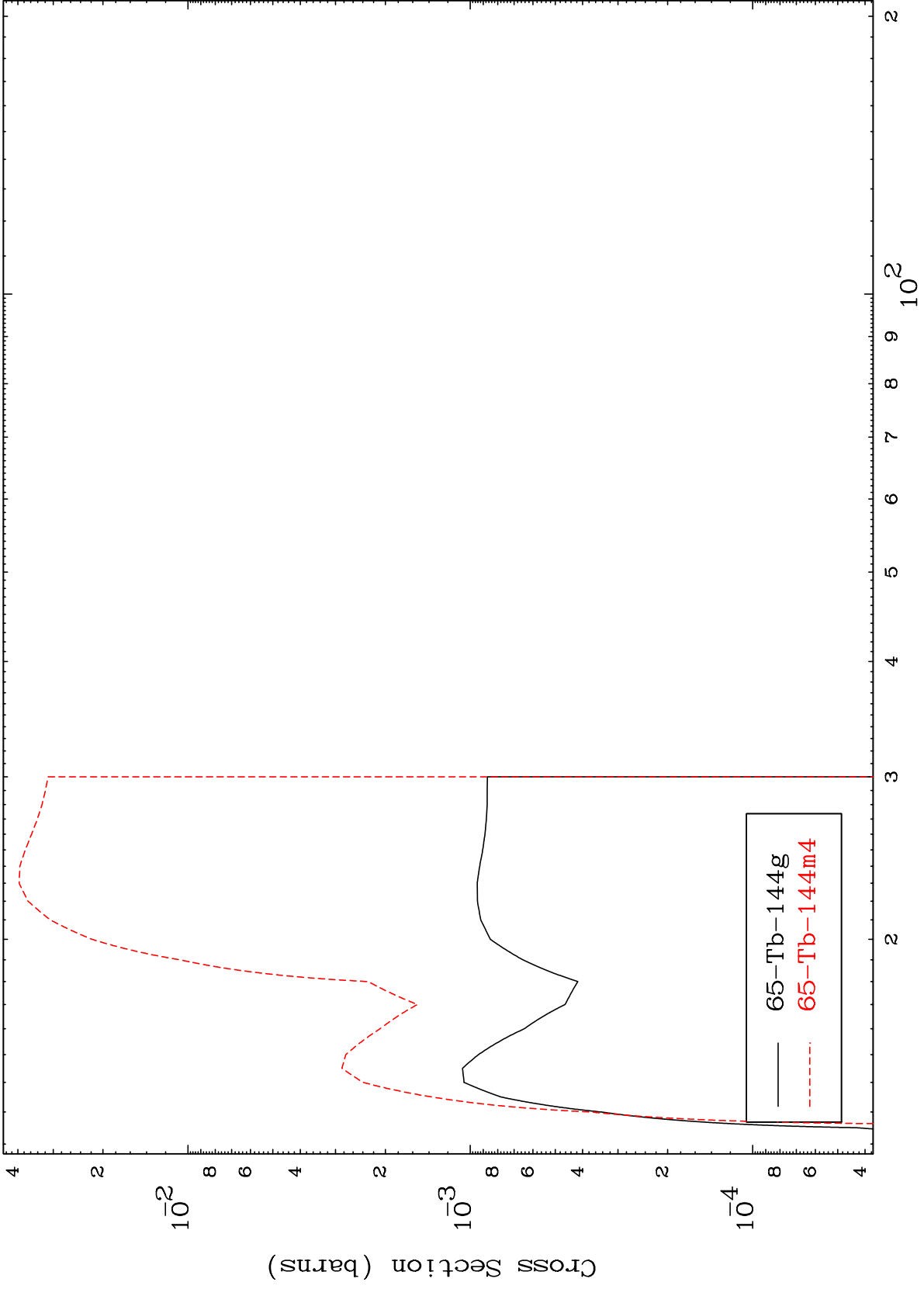
65-Tb-145



MAT 6483

65-Tb-145

(n,2n)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

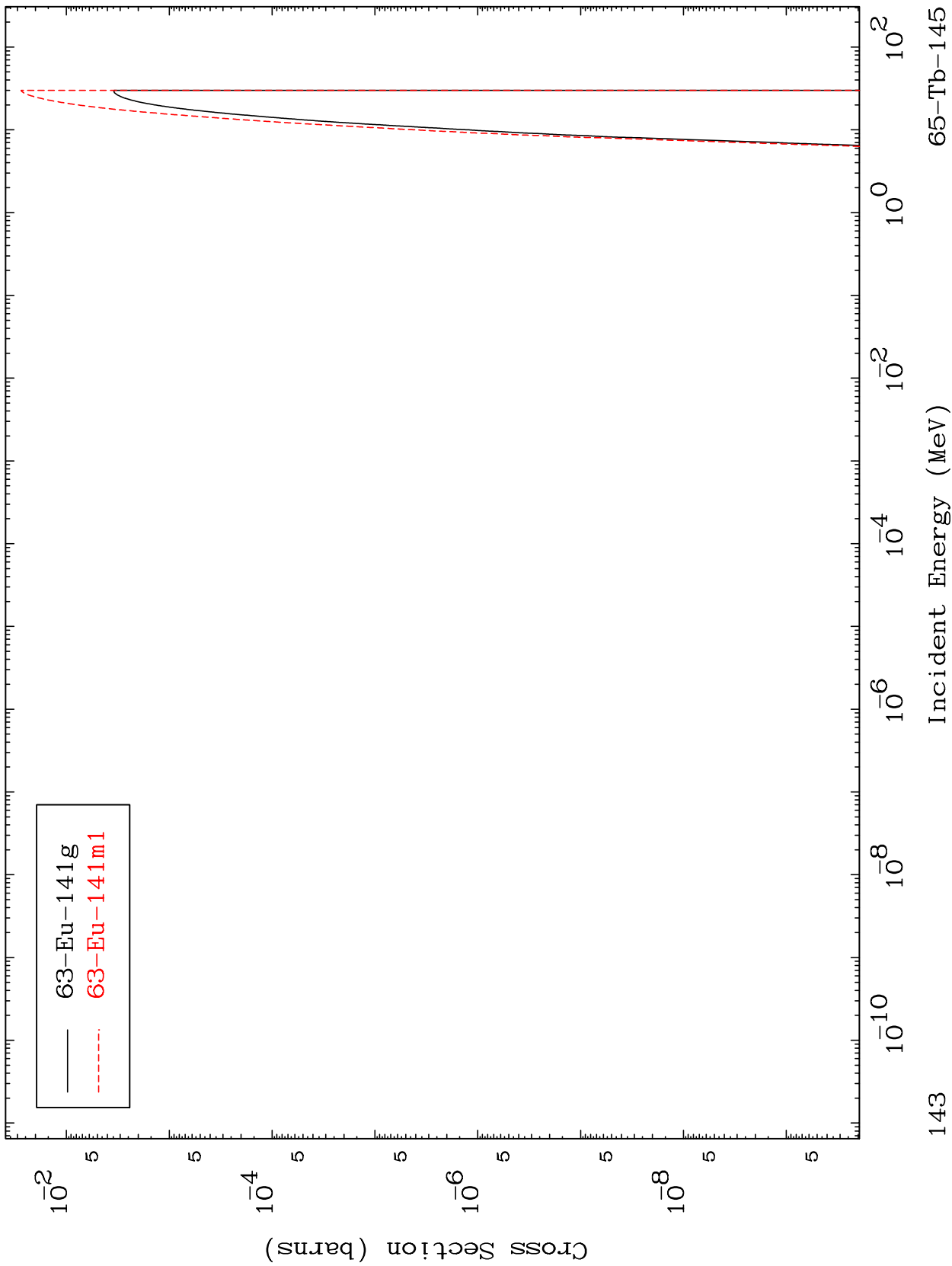
65-Tb-145

MAT 6483

$(n, n') \alpha$

65-Tb-145

Radionuclide Production Cross Section

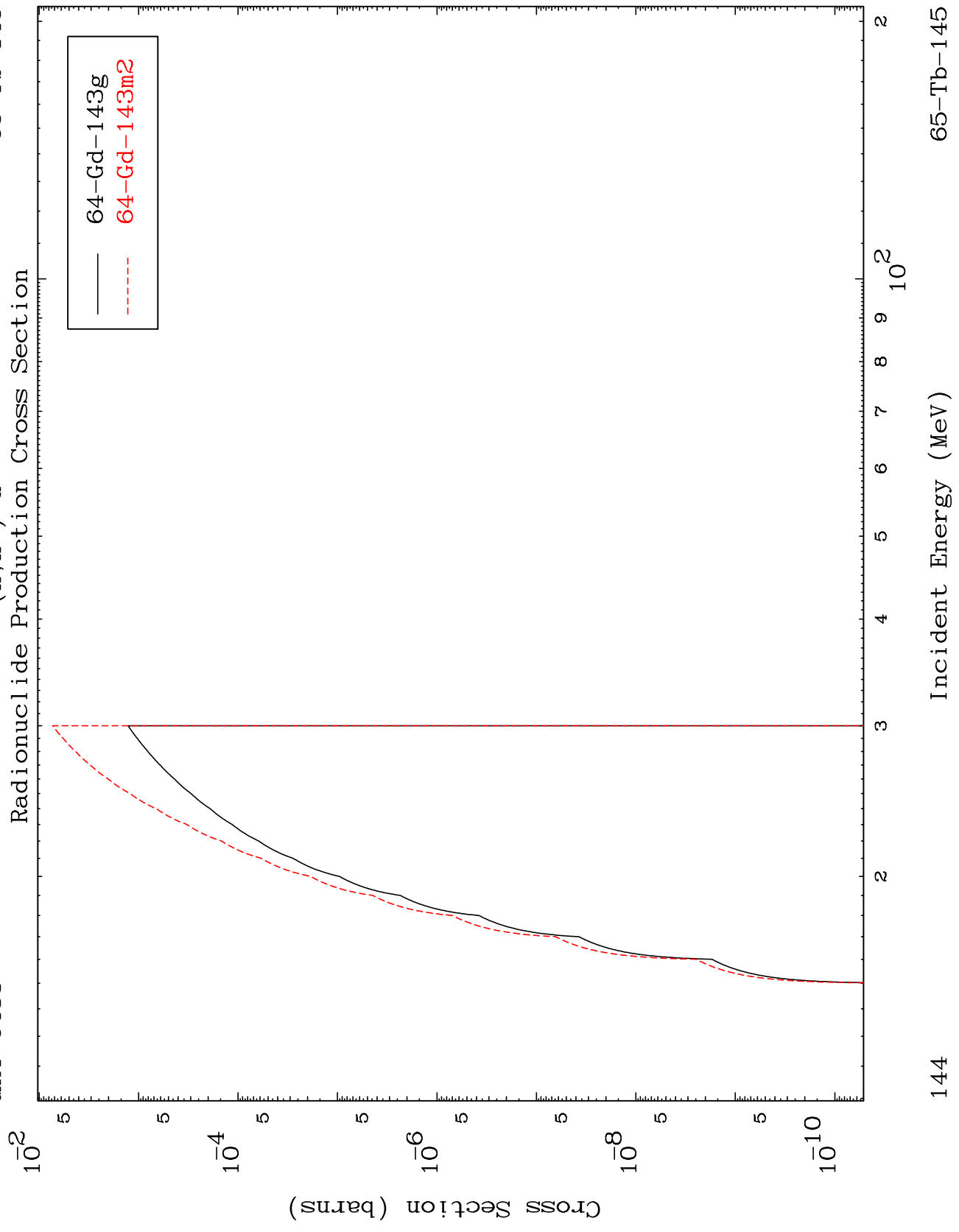


143

MAT 6483

(n,n') d

65-Tb-145

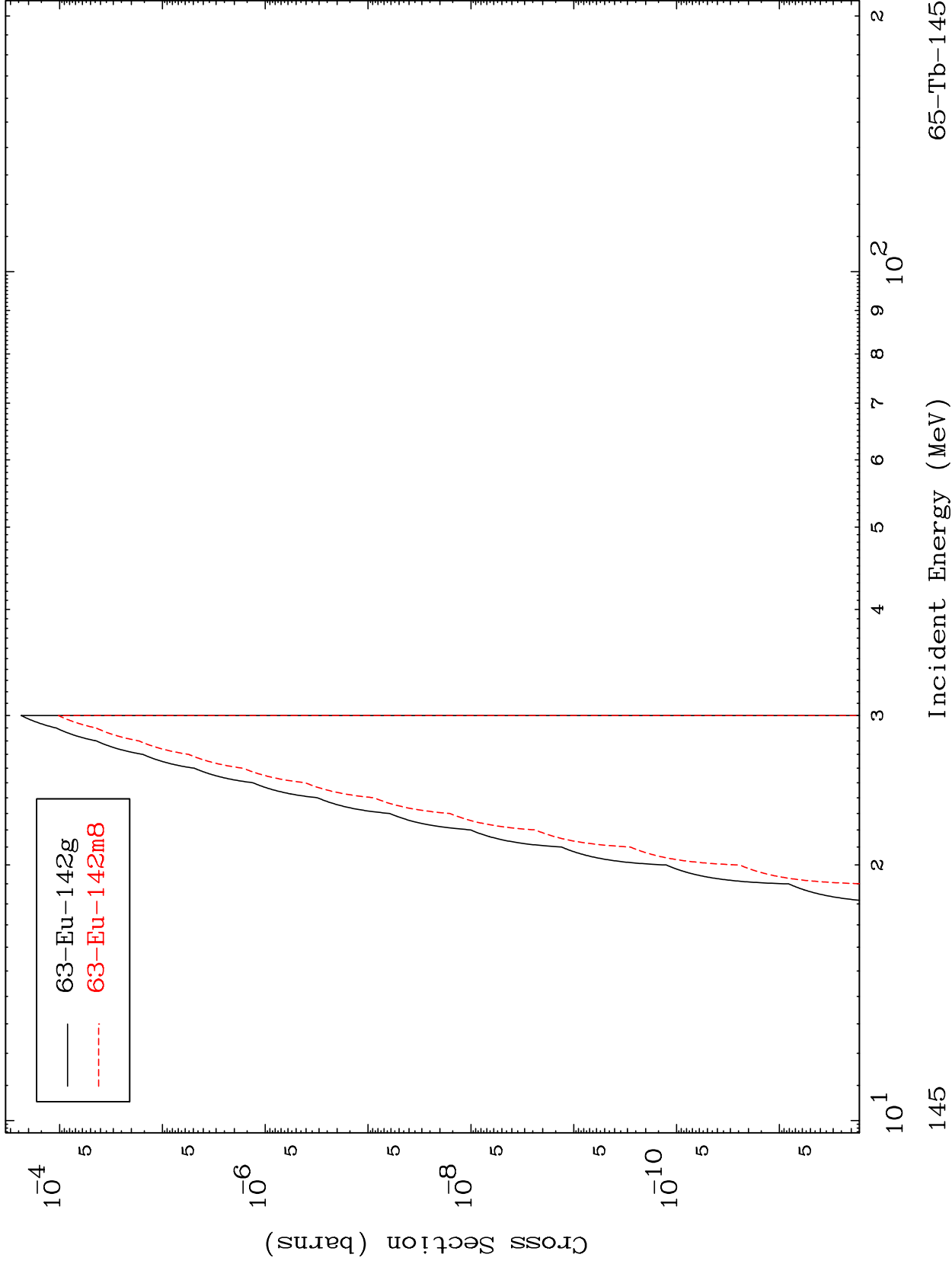


MAT 6483

(n,n') He-3

65-Tb-145

Radionuclide Production Cross Section

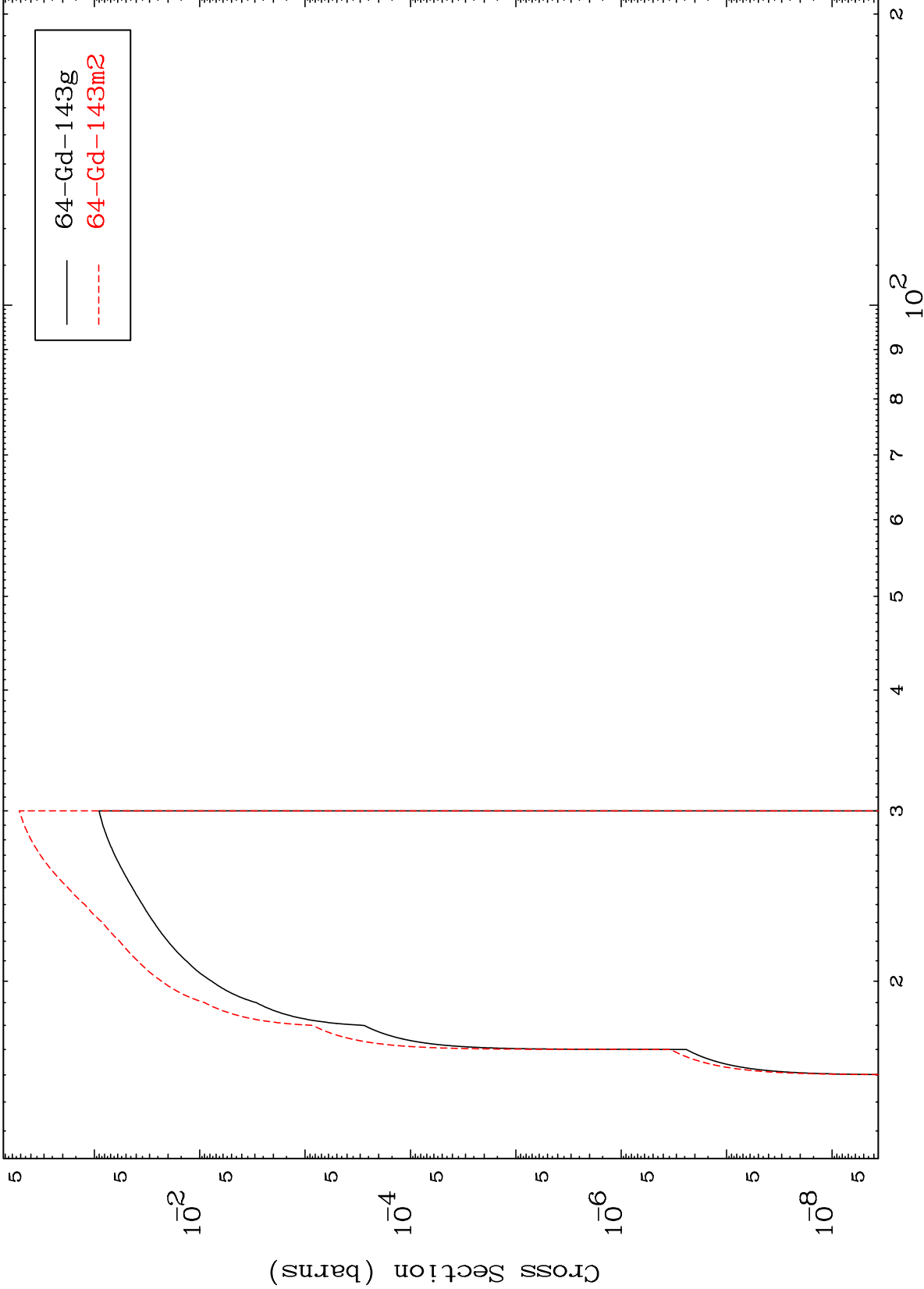


MAT 6483

(n,2n) p

65-Tb-145

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

146

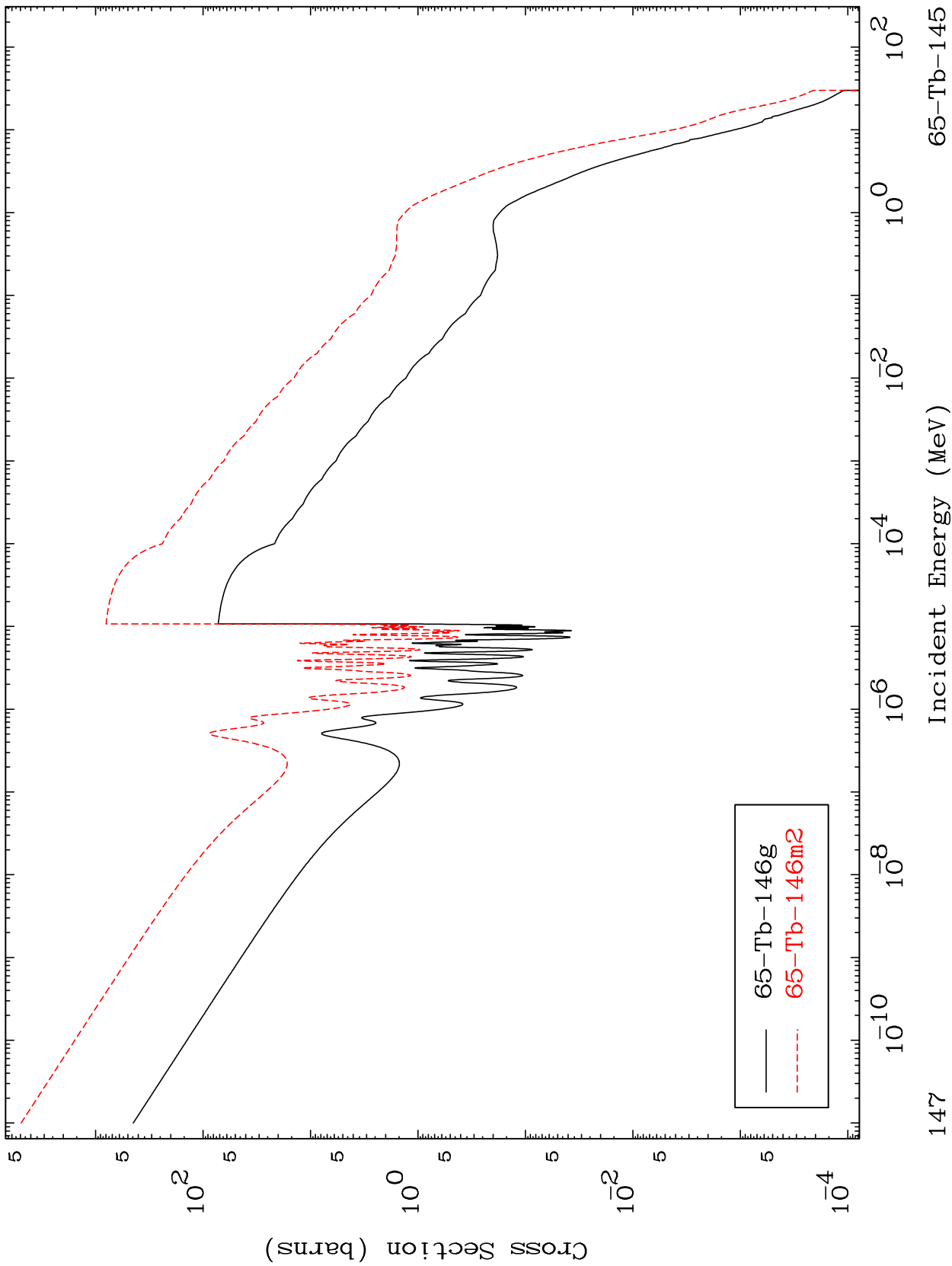
Incident Energy (MeV)

65-Tb-145

MAT 6483

65-Tb-145

(n, γ)
Radionuclide Production Cross Section

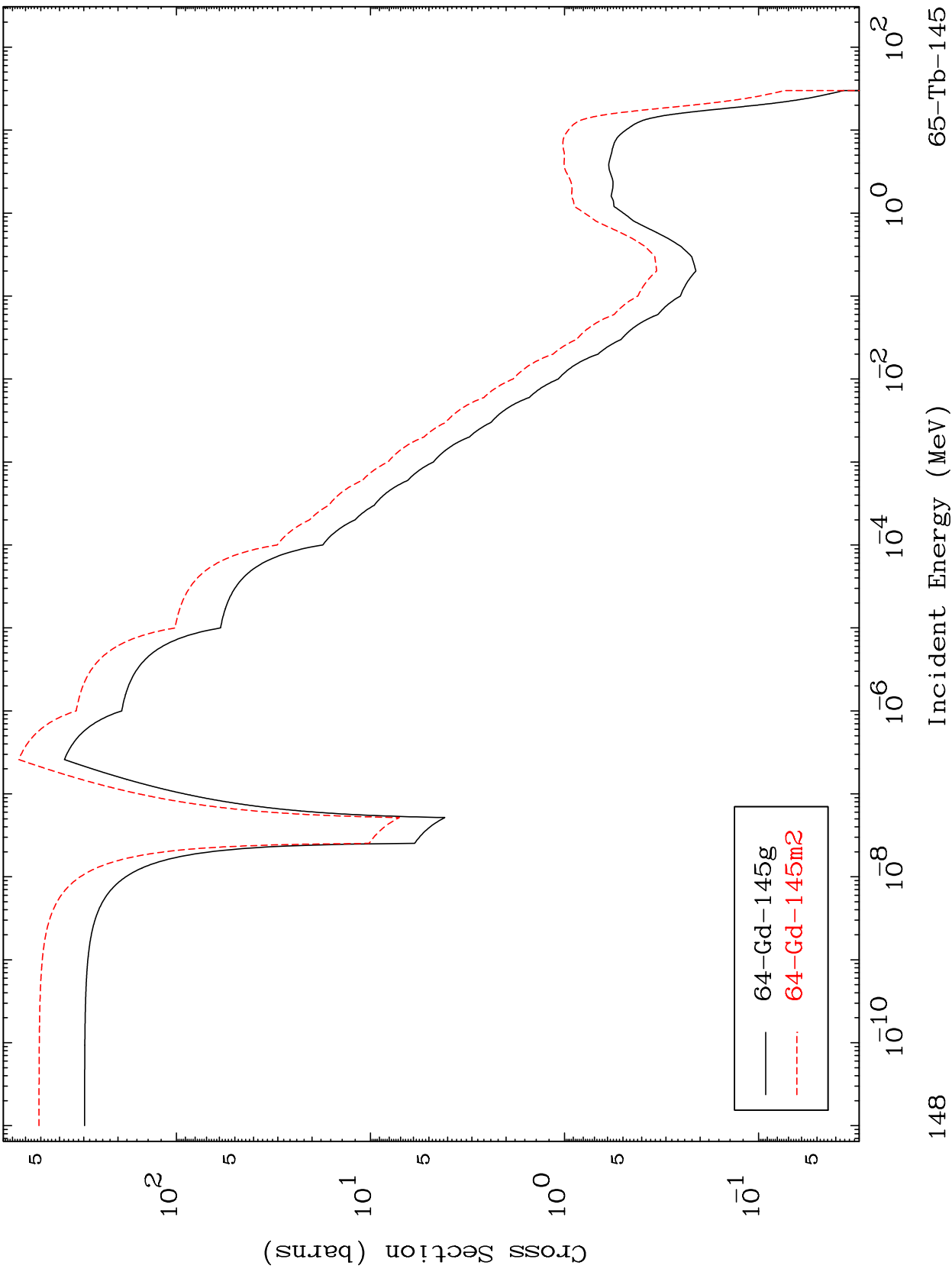


— 65-Tb-146g
- - - 65-Tb-146m2

MAT 6483

65-Tb-145

Radionuclide Production Cross Section (n,p)



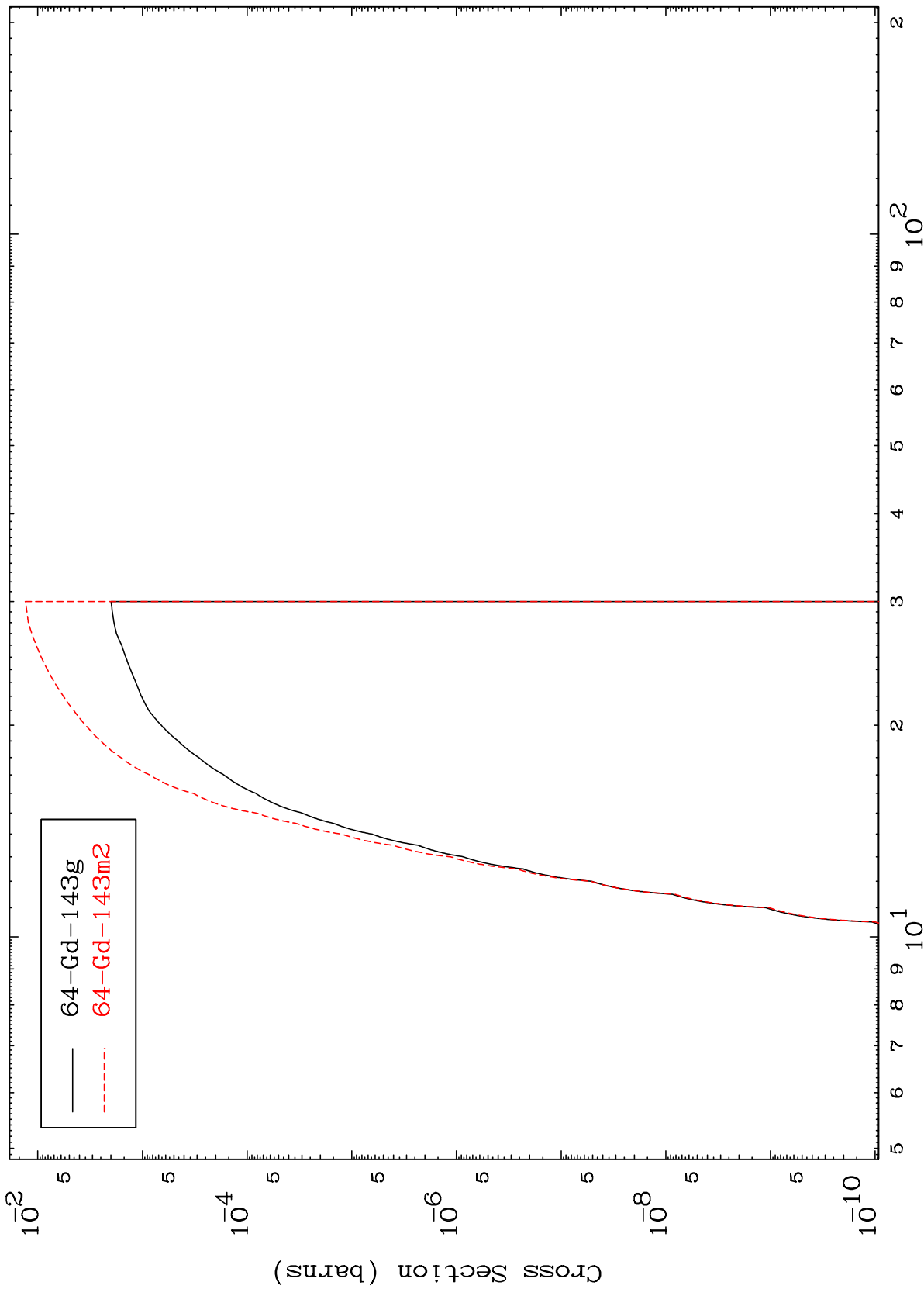
148

65-Tb-145

MAT 6483

65-Tb-145

(n, t)
Radionuclide Production Cross Section



149

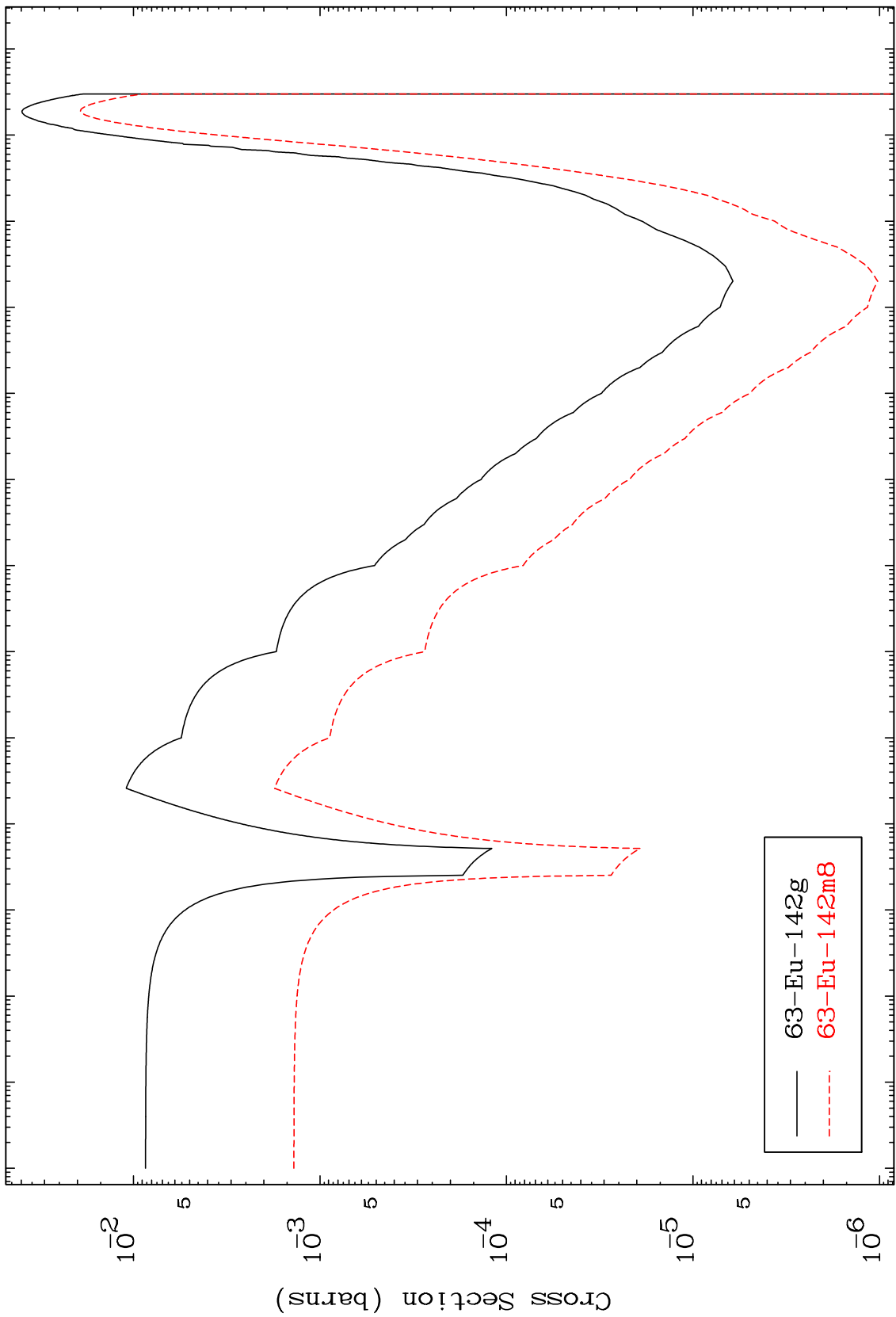
Incident Energy (MeV)

65-Tb-145

MAT 6483

65-Tb-145

Radionuclide Production Cross Section
(n, α)



150

Incident Energy (MeV)

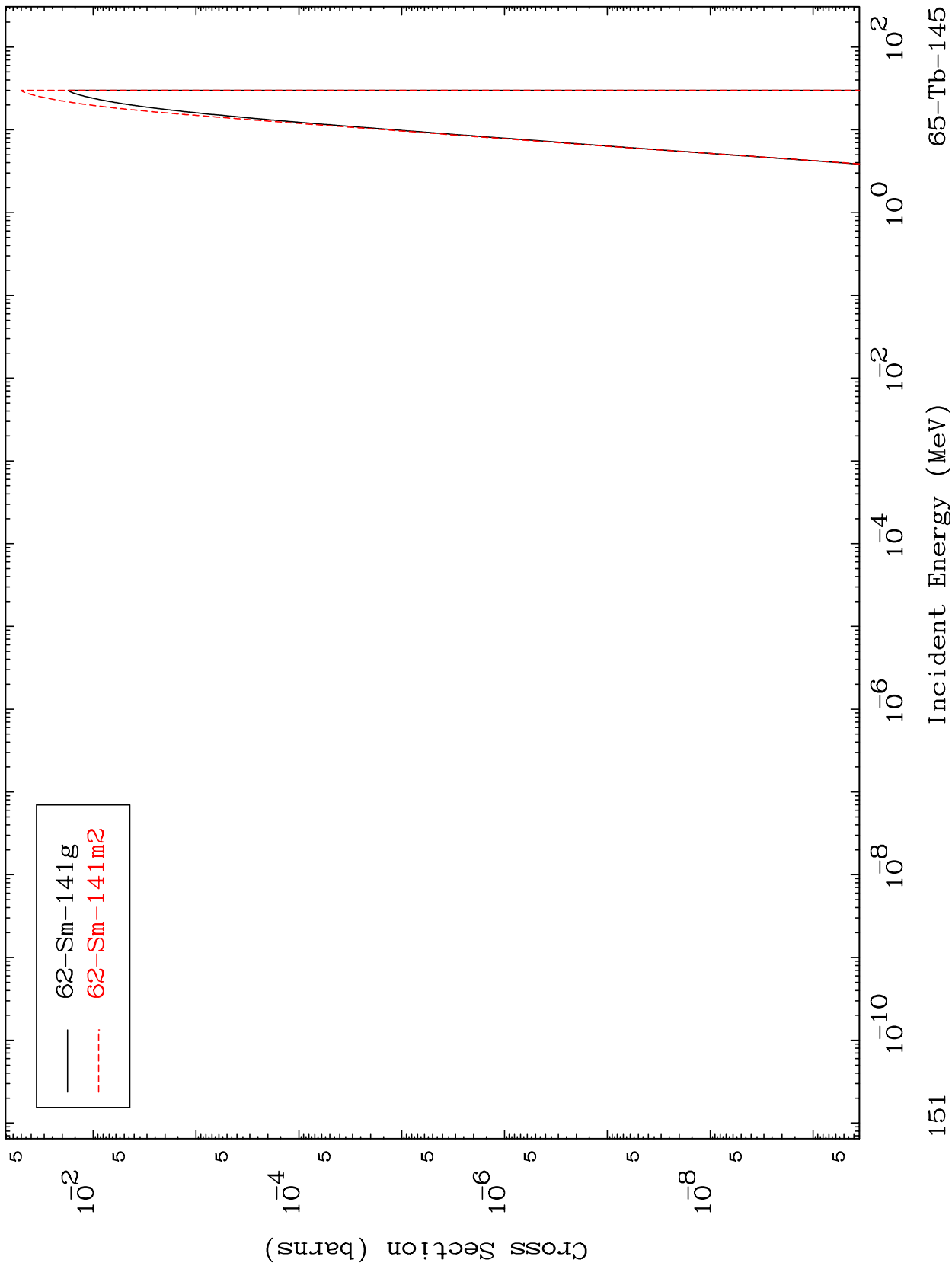
65-Tb-145

MAT 6483

(n,p) α

65-Tb-145

Radionuclide Production Cross Section

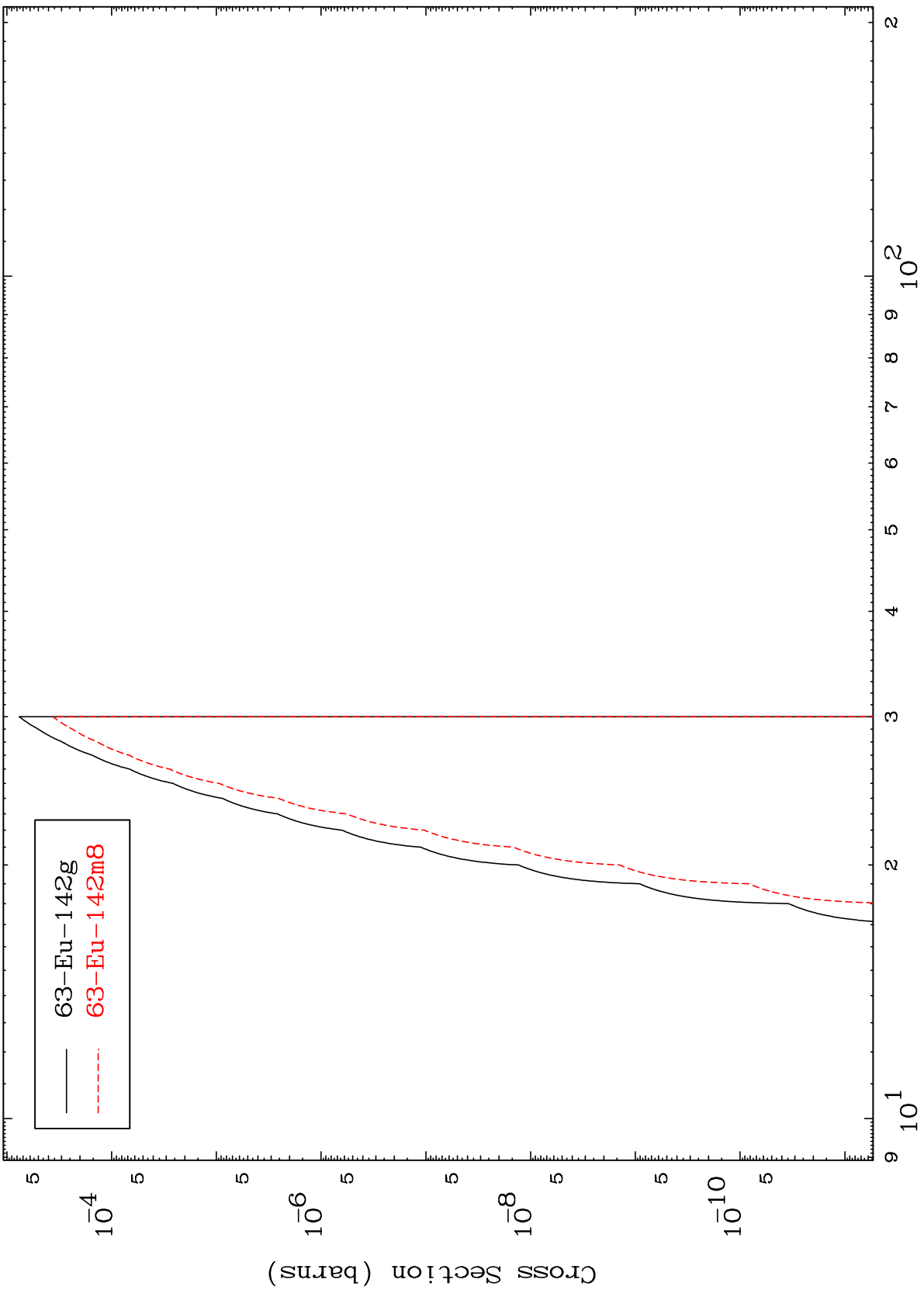


MAT 6483

(n,p) t

65-Tb-145

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m8

152

Incident Energy (MeV)

65-Tb-145