

Program EVALPLOT
(Version 2018-1)

by

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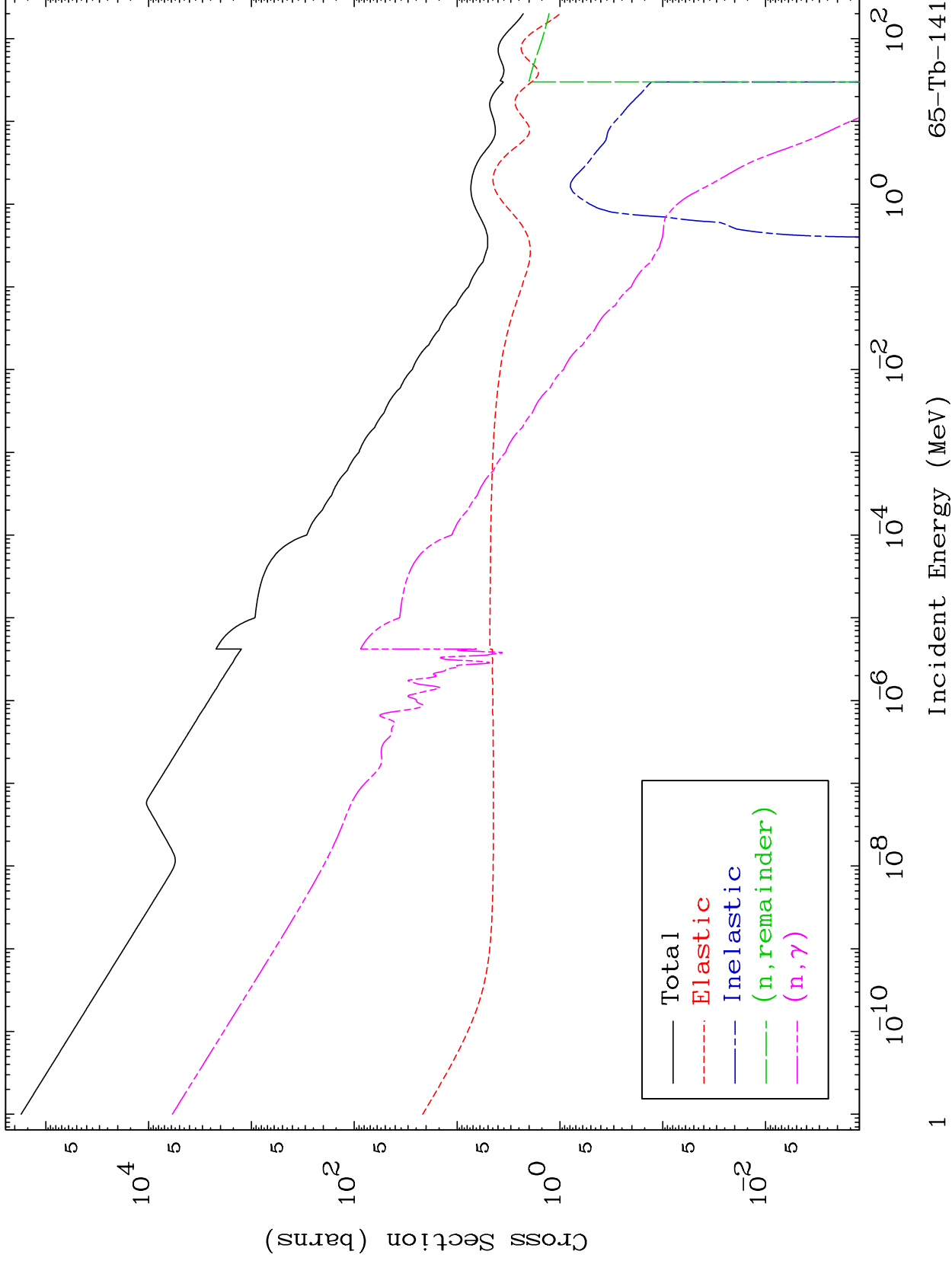
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Press Mouse Button to Start

MAT 6471

Major
293 Kelvin Cross Sections

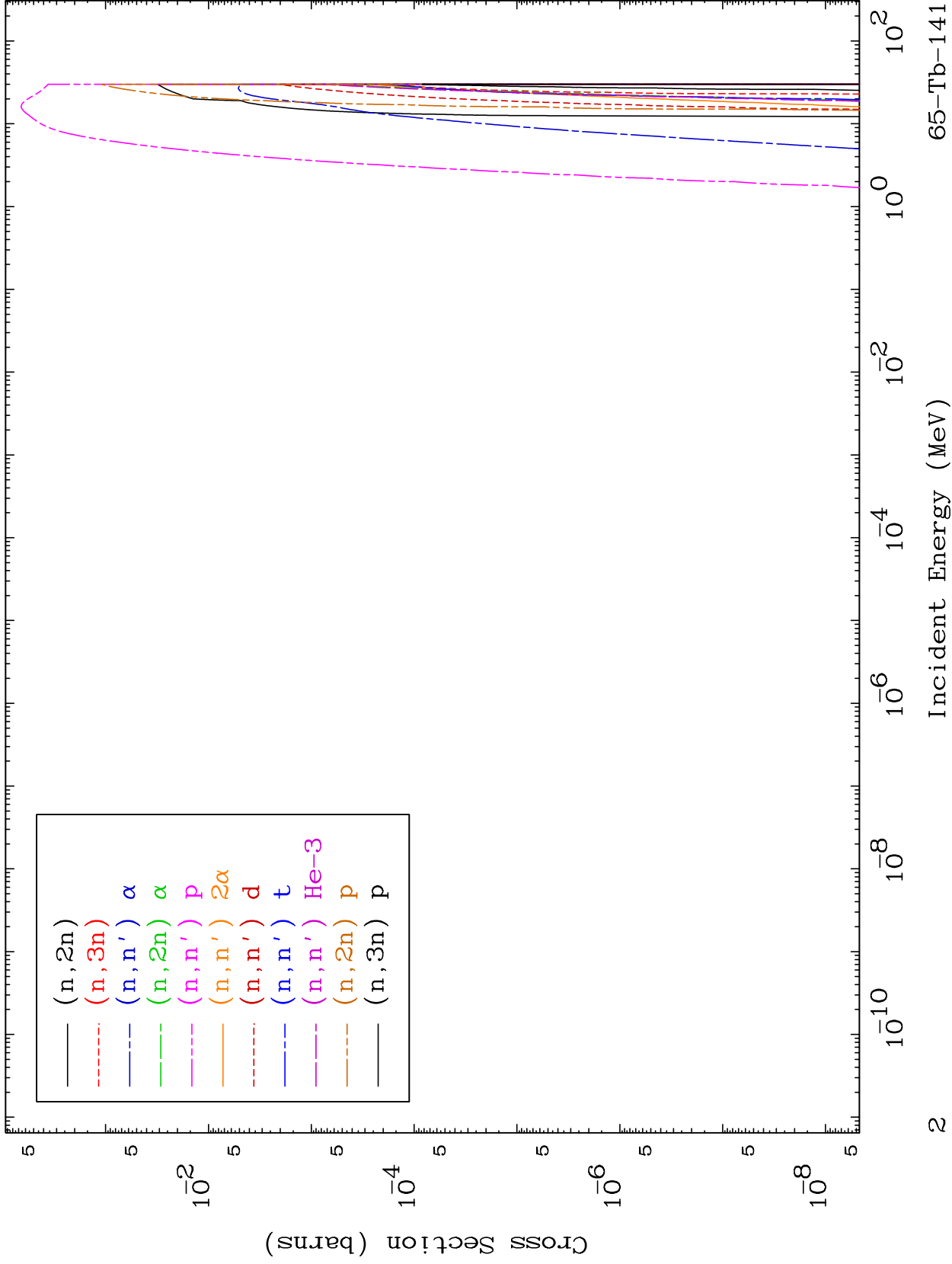
65-Tb-141



MAT 6471

Neutron Production
293 Kelvin Cross Sections

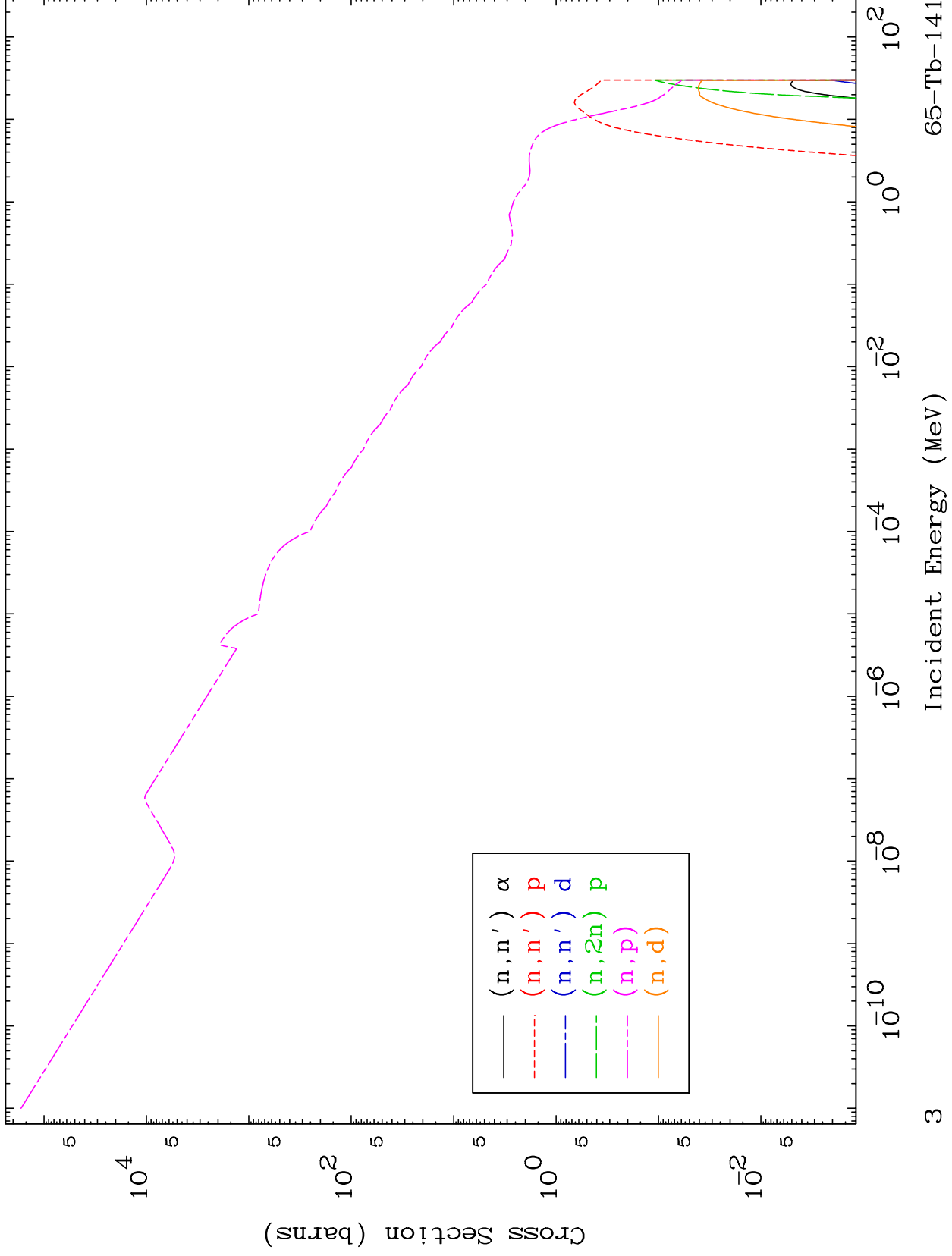
65-Tb-141



MAT 6471

Charged Particle
293 Kelvin Cross Sections

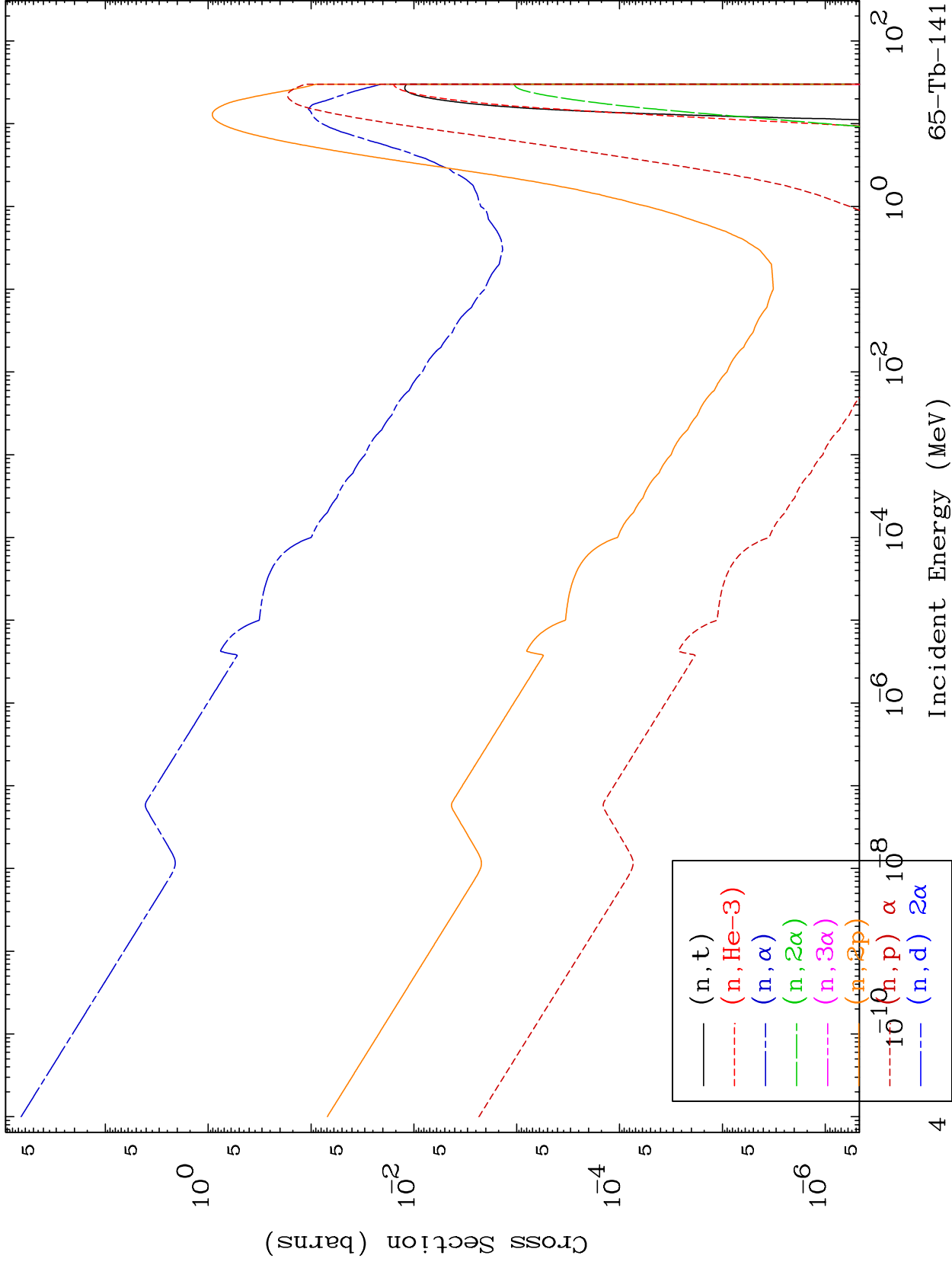
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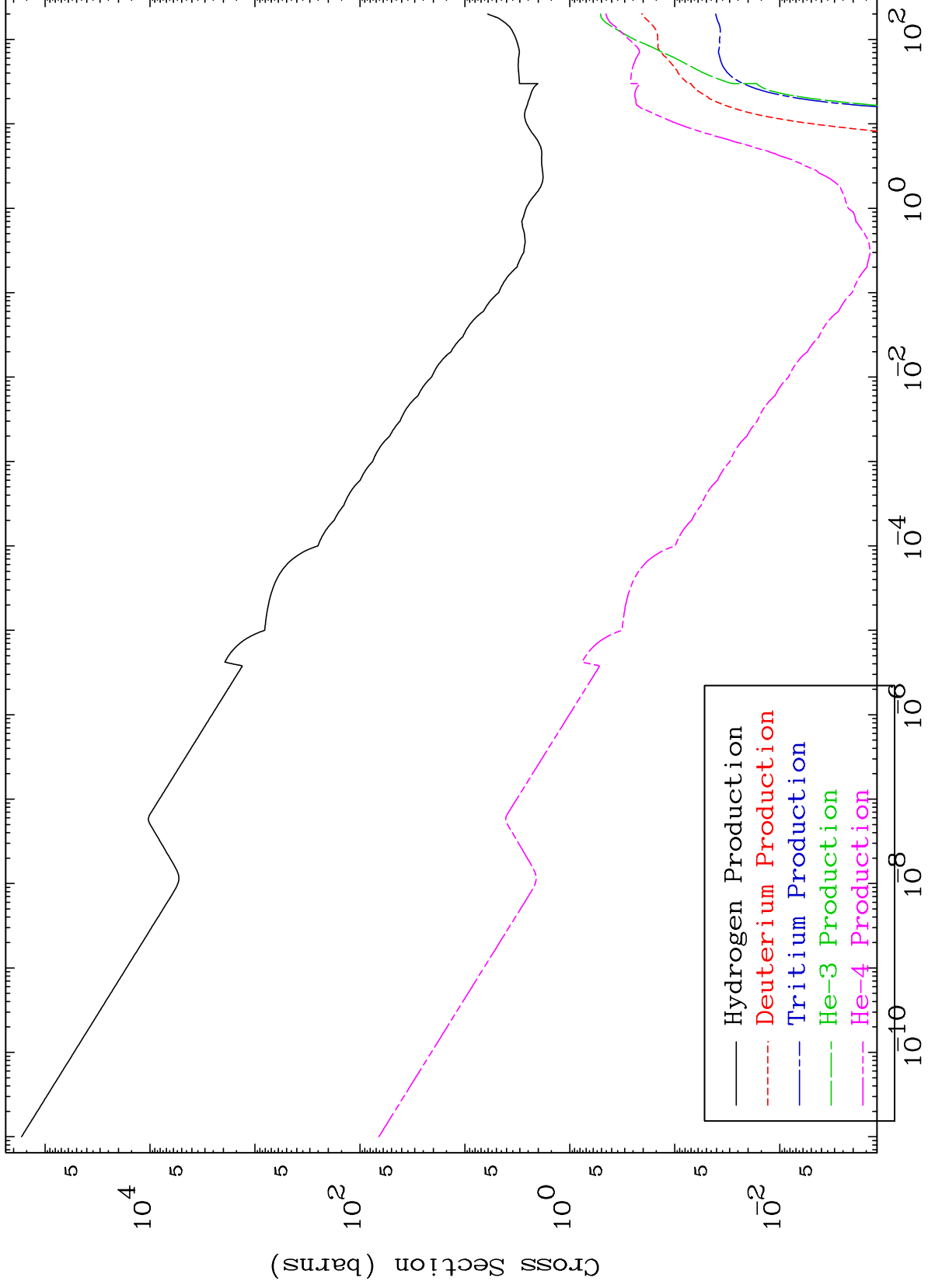


MAT 6471

Charged Particle
293 Kelvin Cross Sections

65-Tb-141



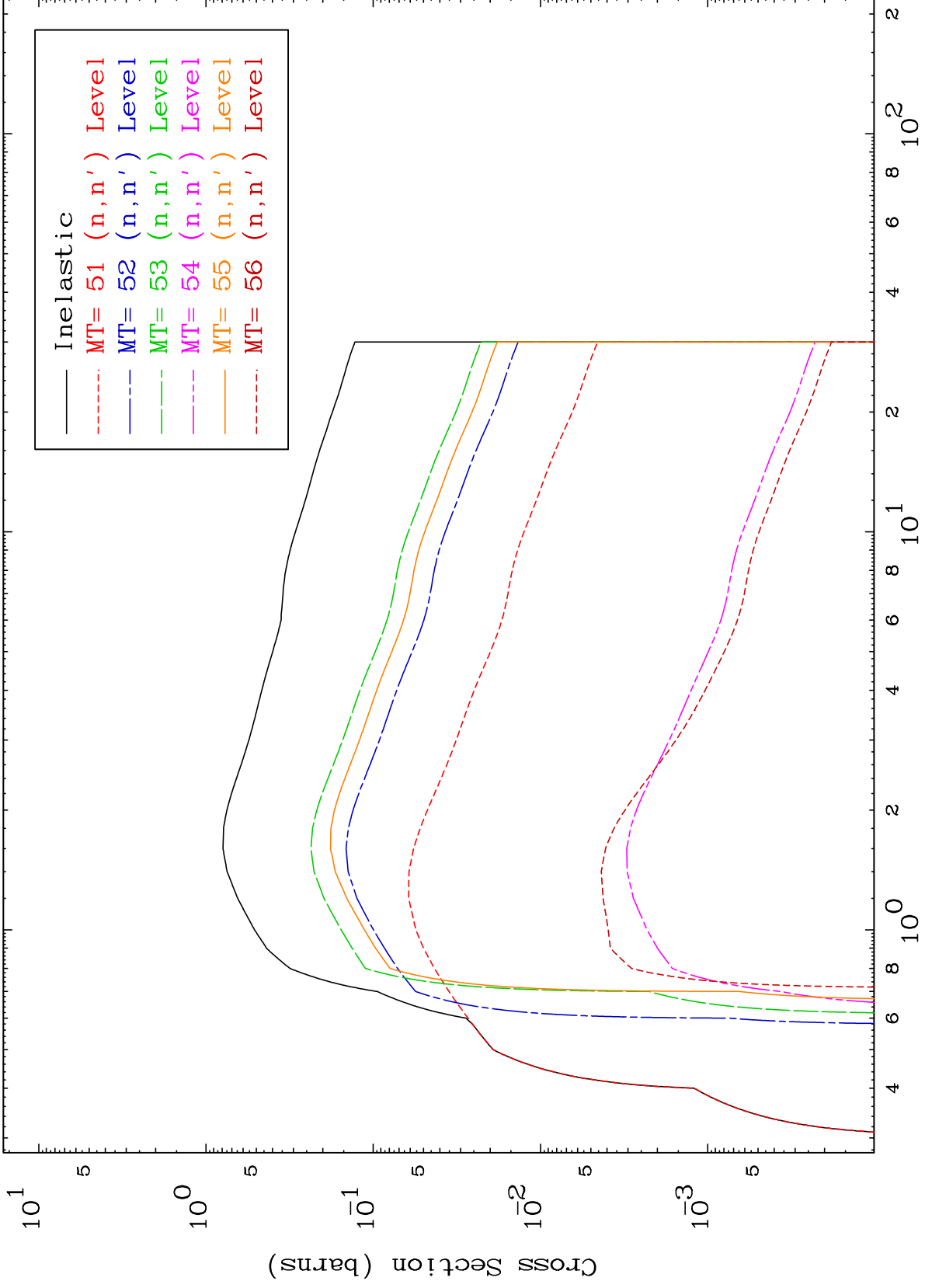


MAT 6471

(n,n') Level

293 Kelvin Cross Sections

65-Tb-141

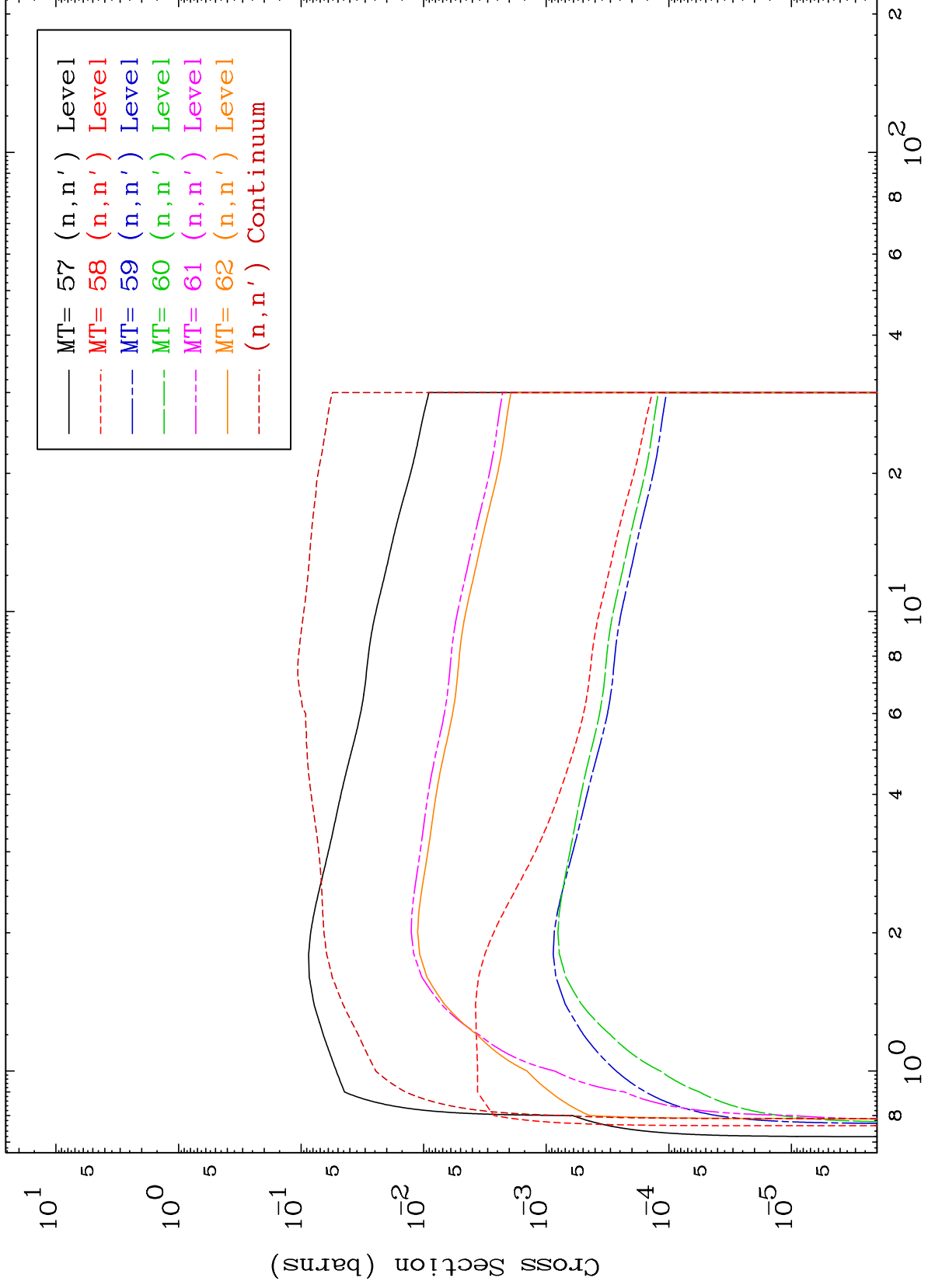


6

Incident Energy (MeV)

65-Tb-141

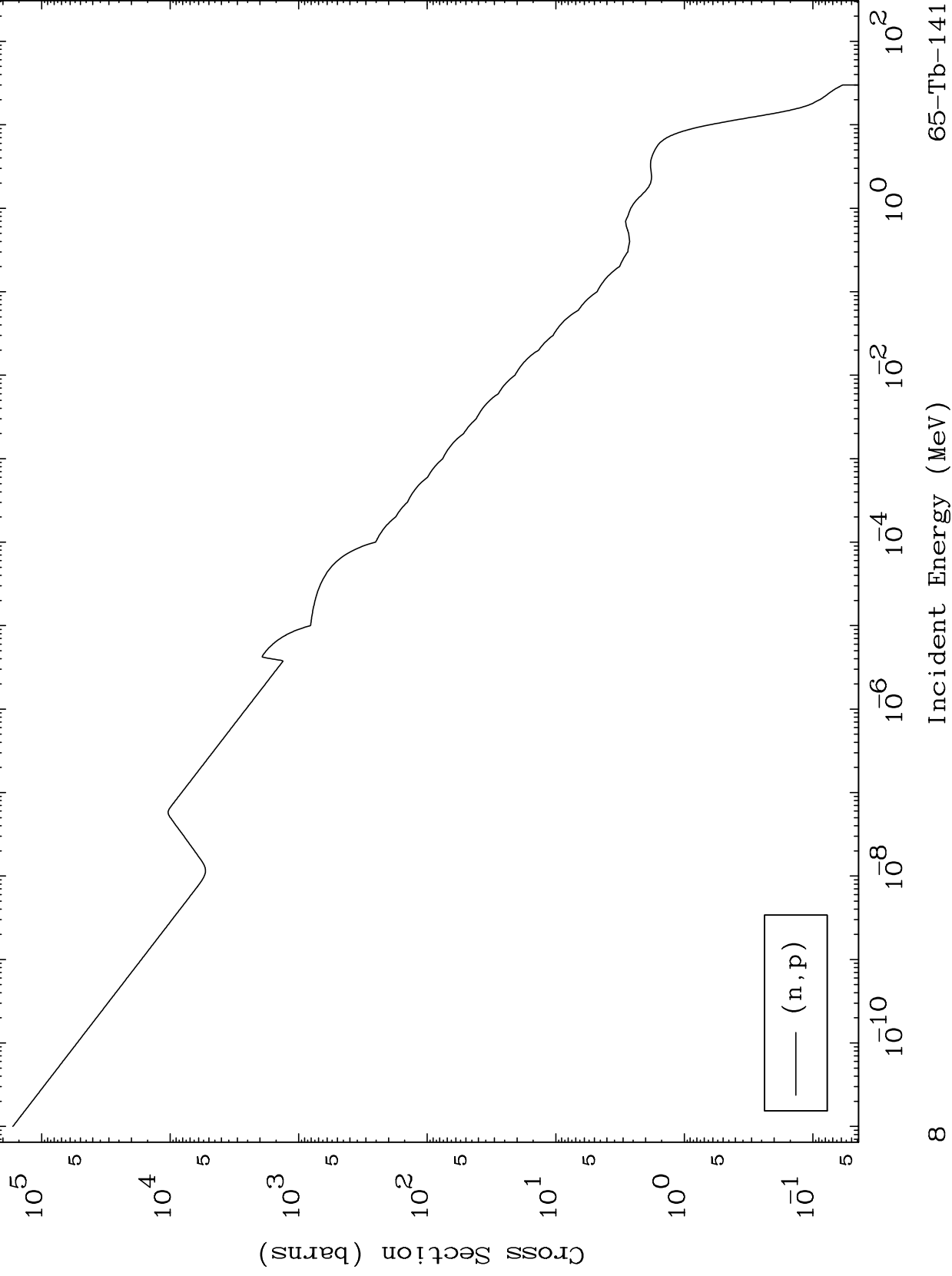
293 Kelvin Cross Sections



MAT 6471

(n,p) Levels
293 Kelvin Cross Sections

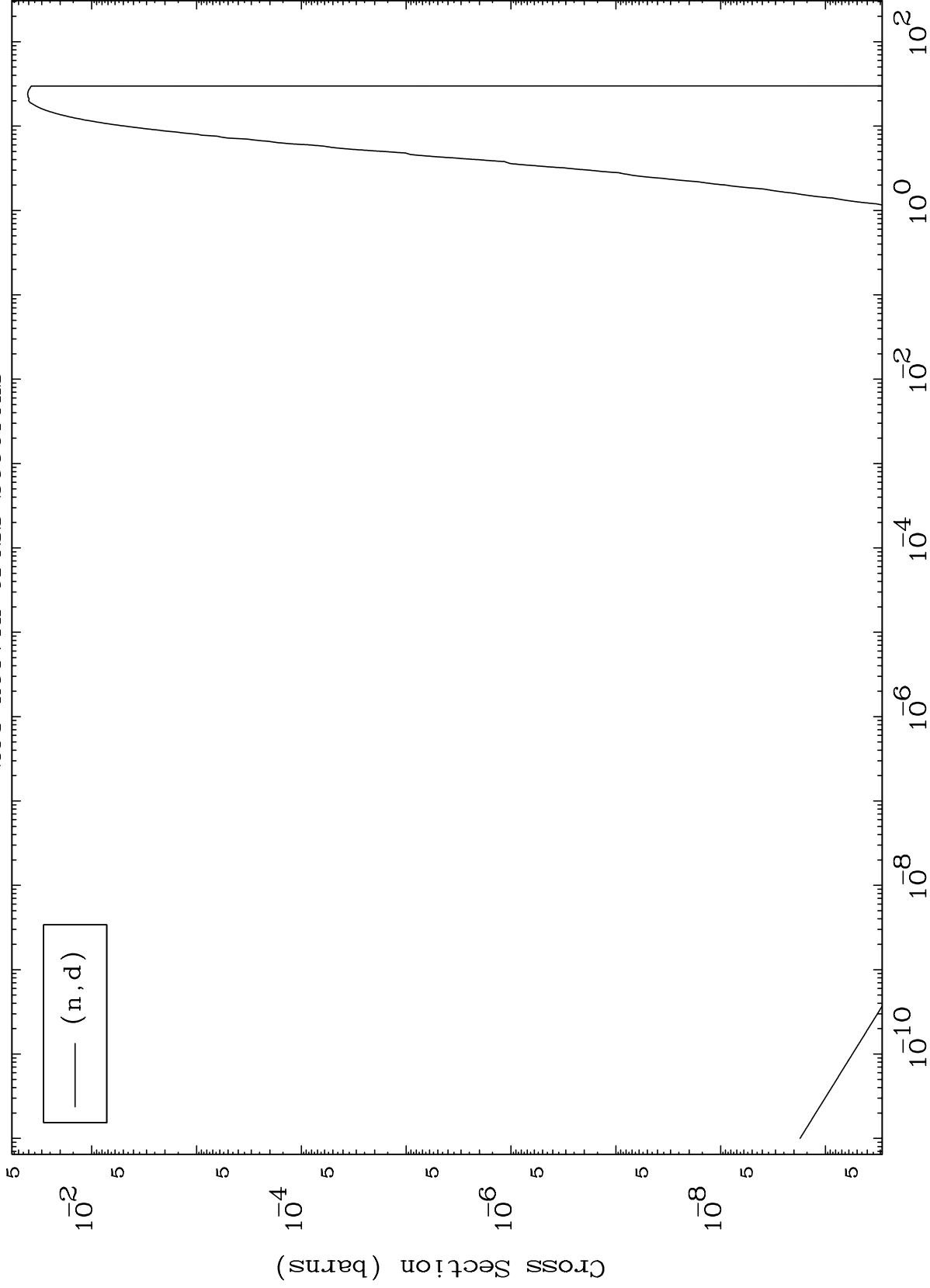
65-Tb-141



MAT 6471

(n,d) Levels
293 Kelvin Cross Sections

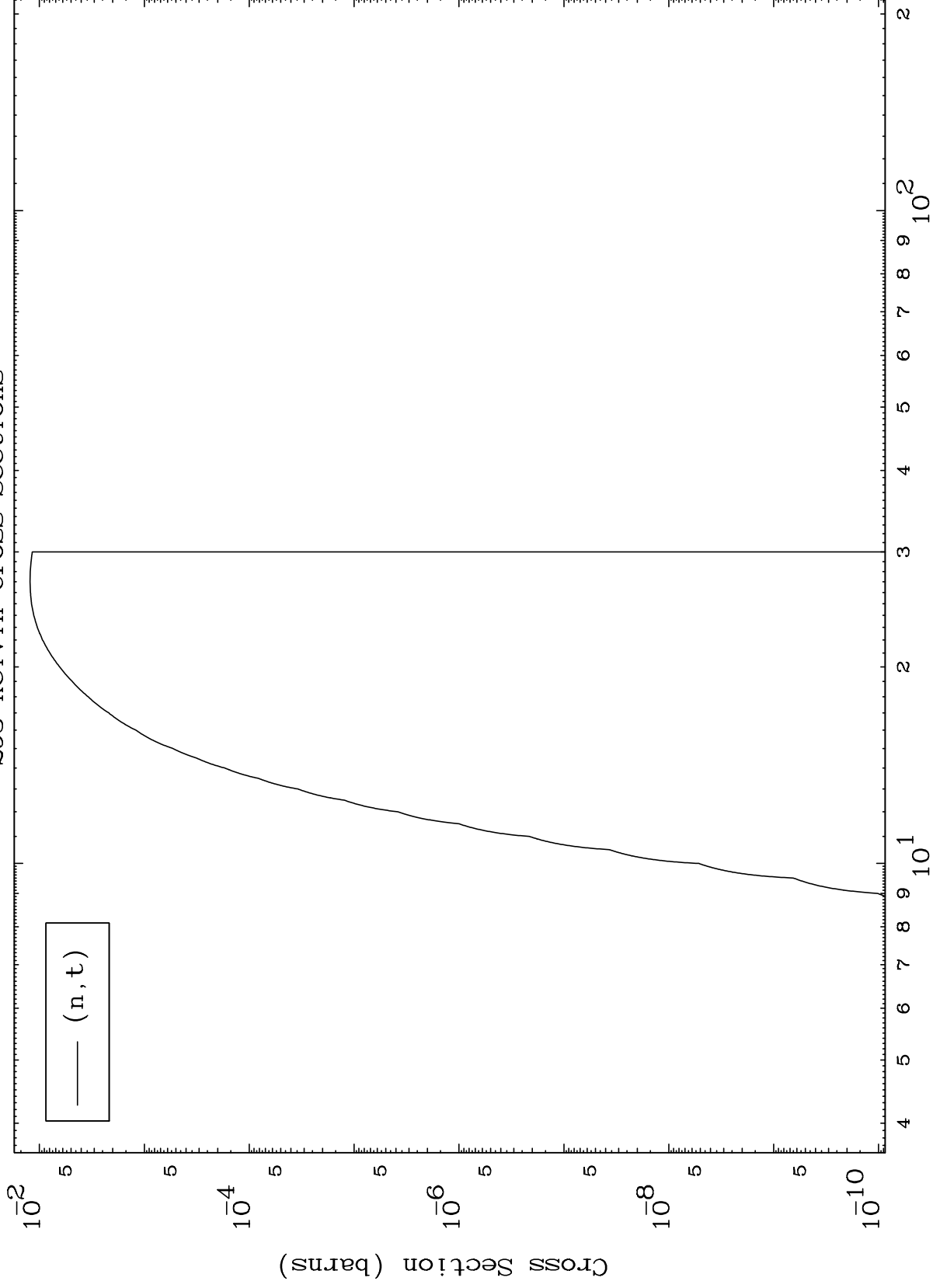
65-Tb-141



MAT 6471

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-141



10

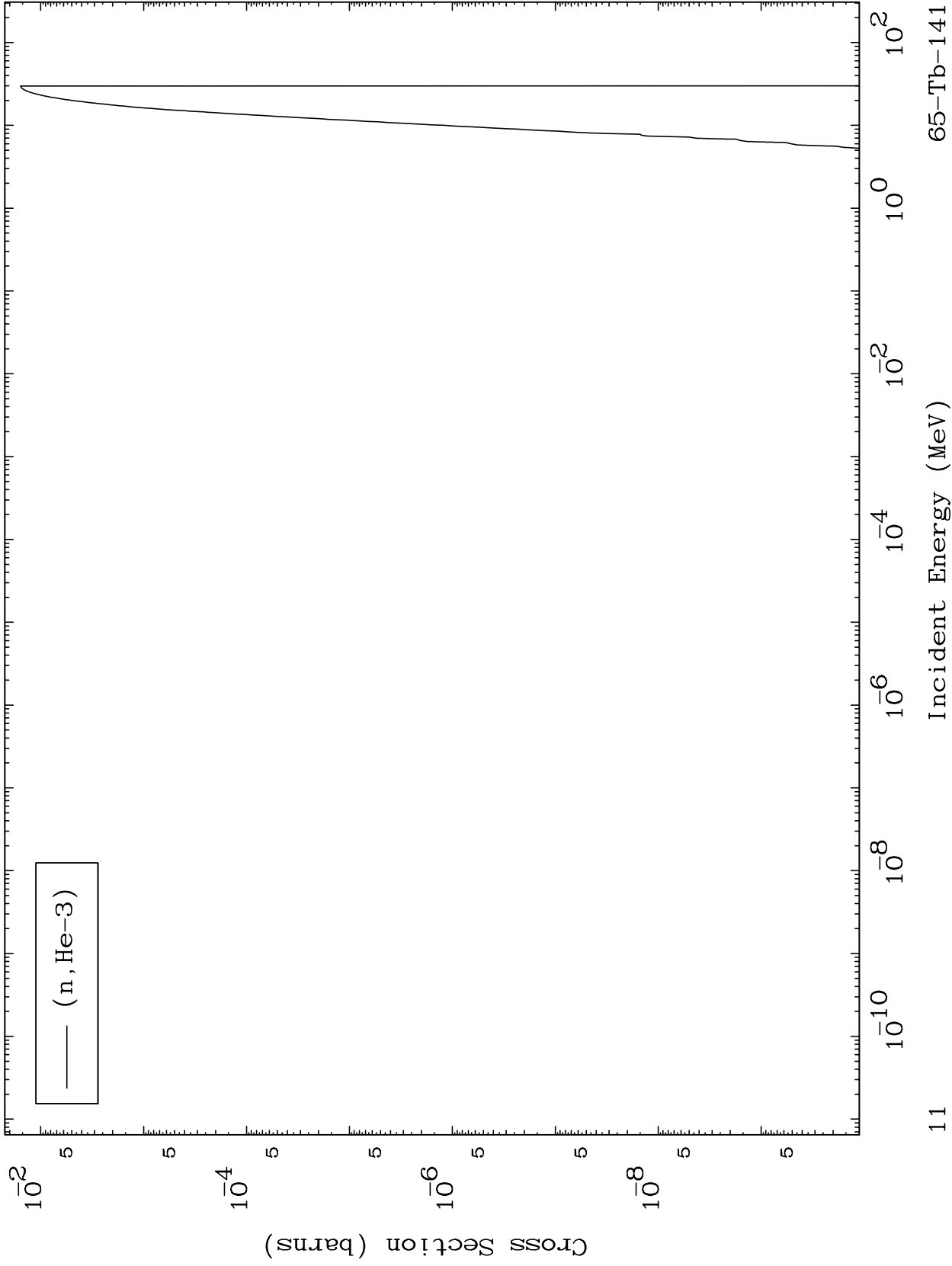
Incident Energy (MeV)

65-Tb-141

MAT 6471

(n,He3) Levels
293 Kelvin Cross Sections

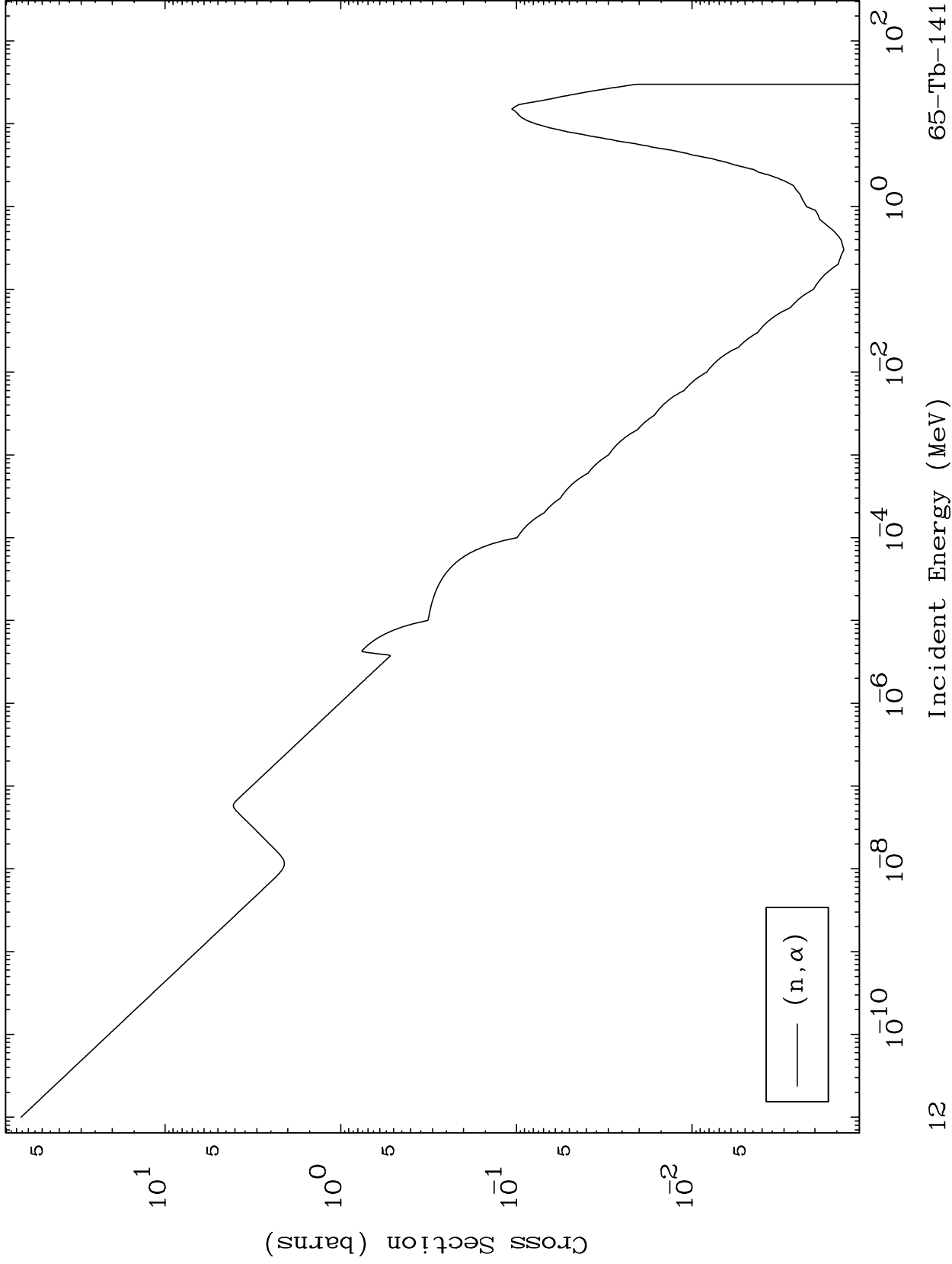
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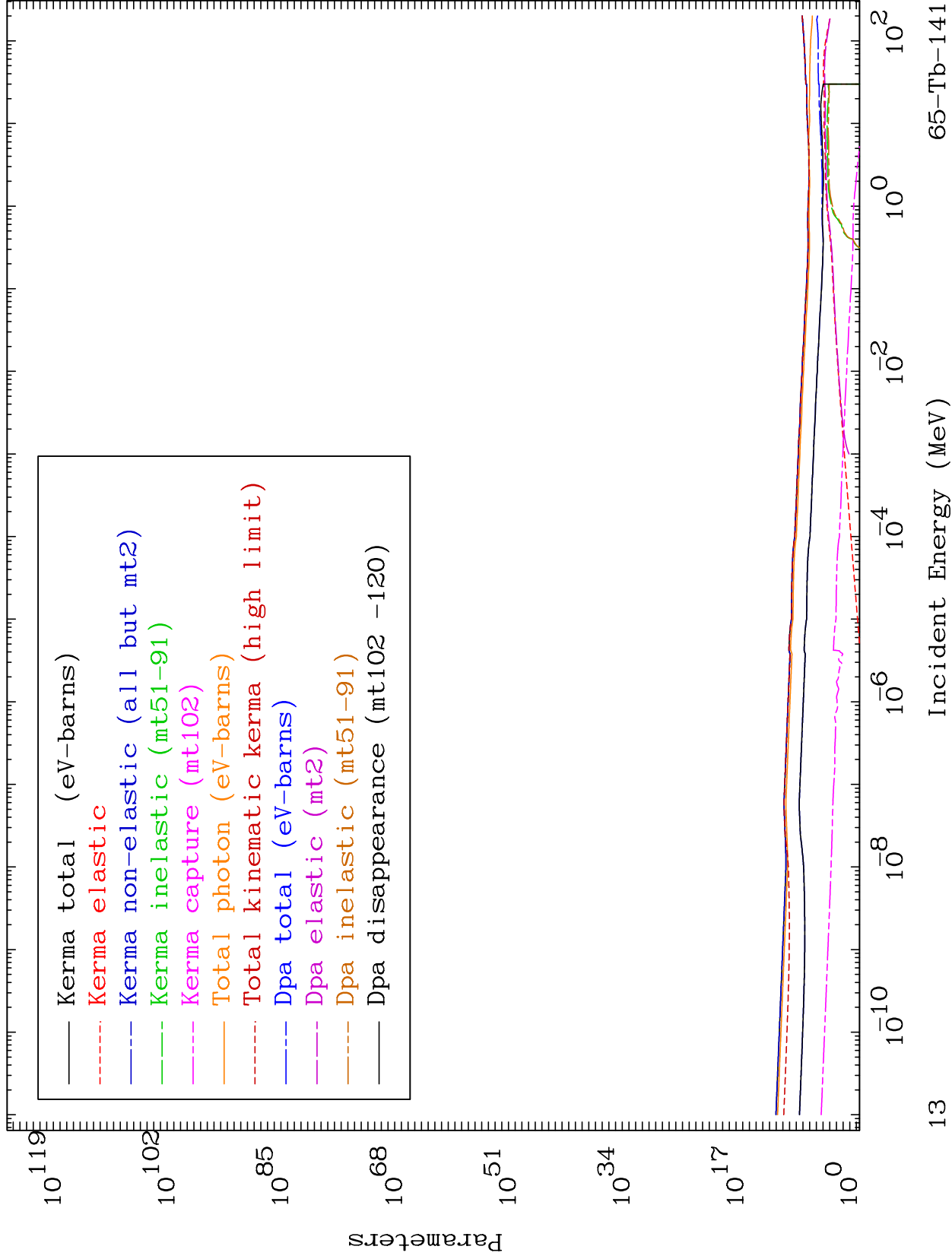


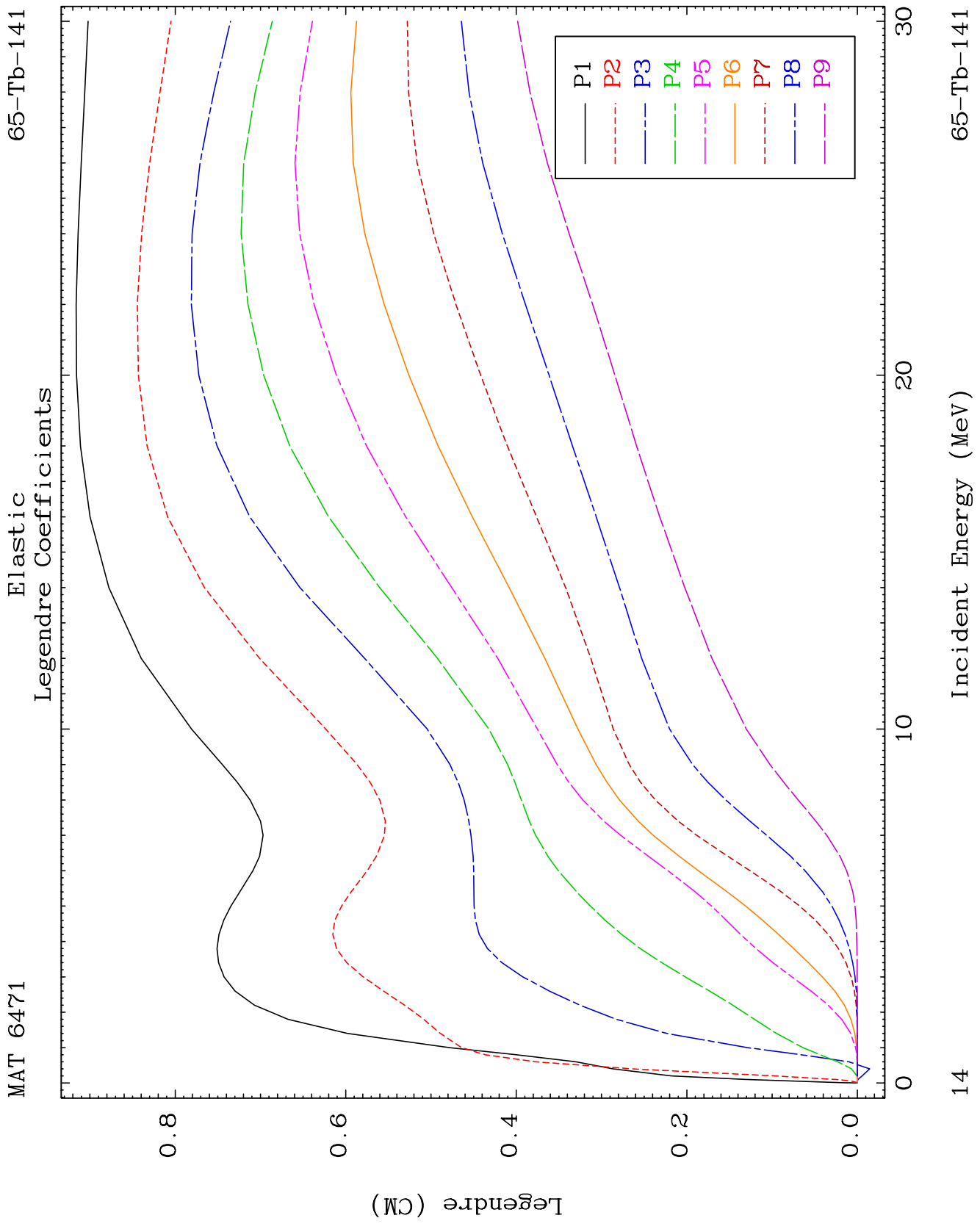
MAT 6471

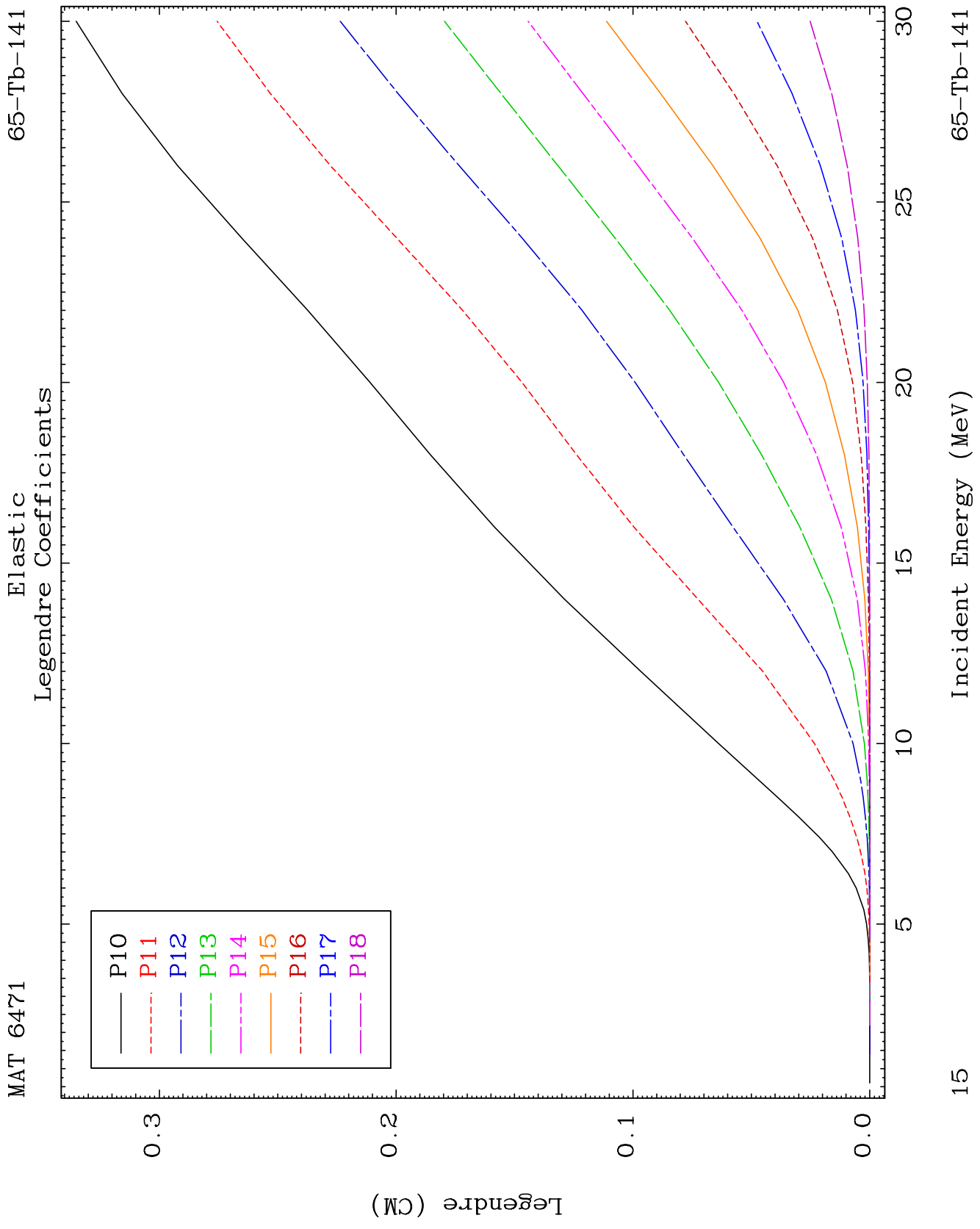
(n,α) Levels
293 Kelvin Cross Sections

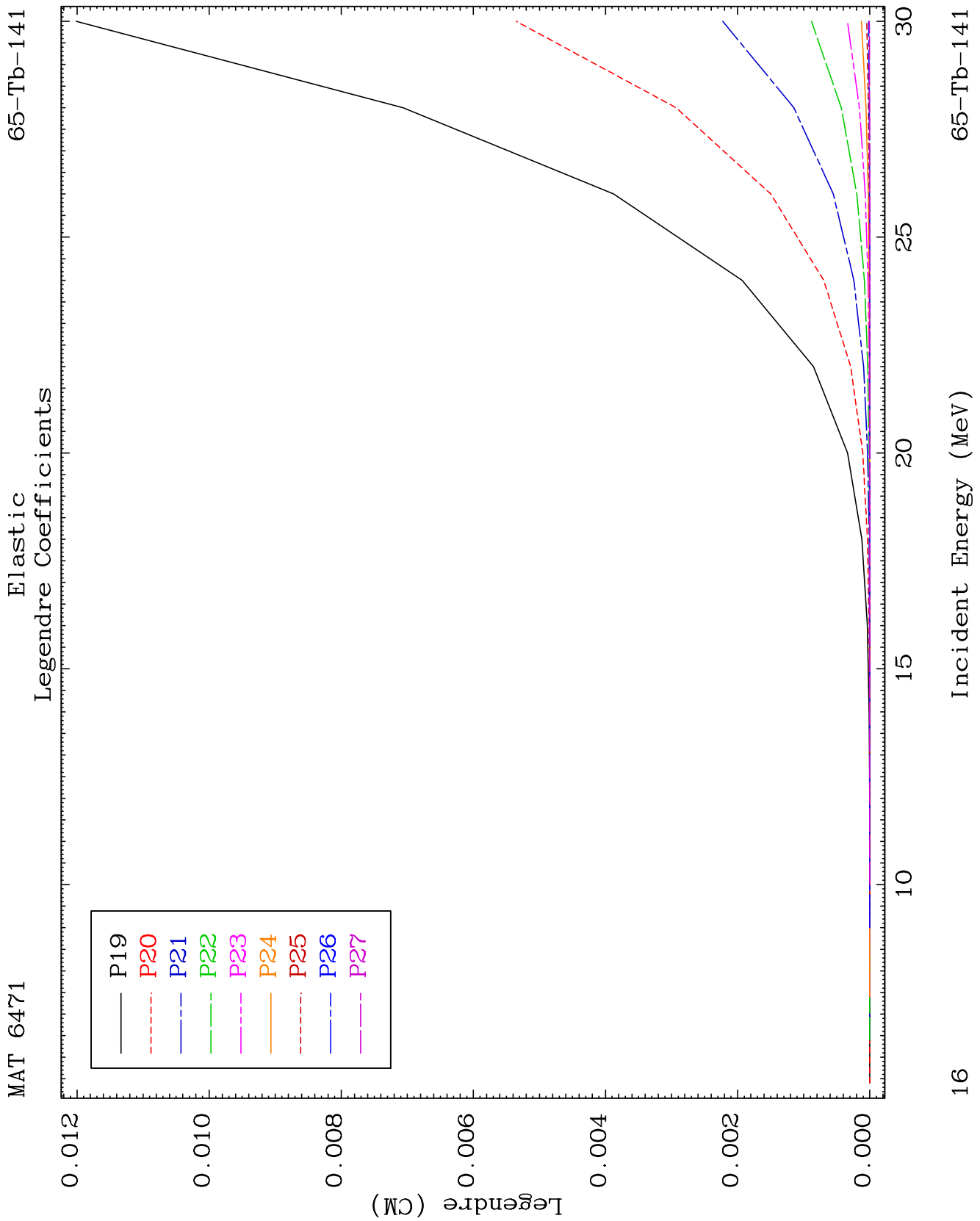
65-Tb-141











MAT 6471

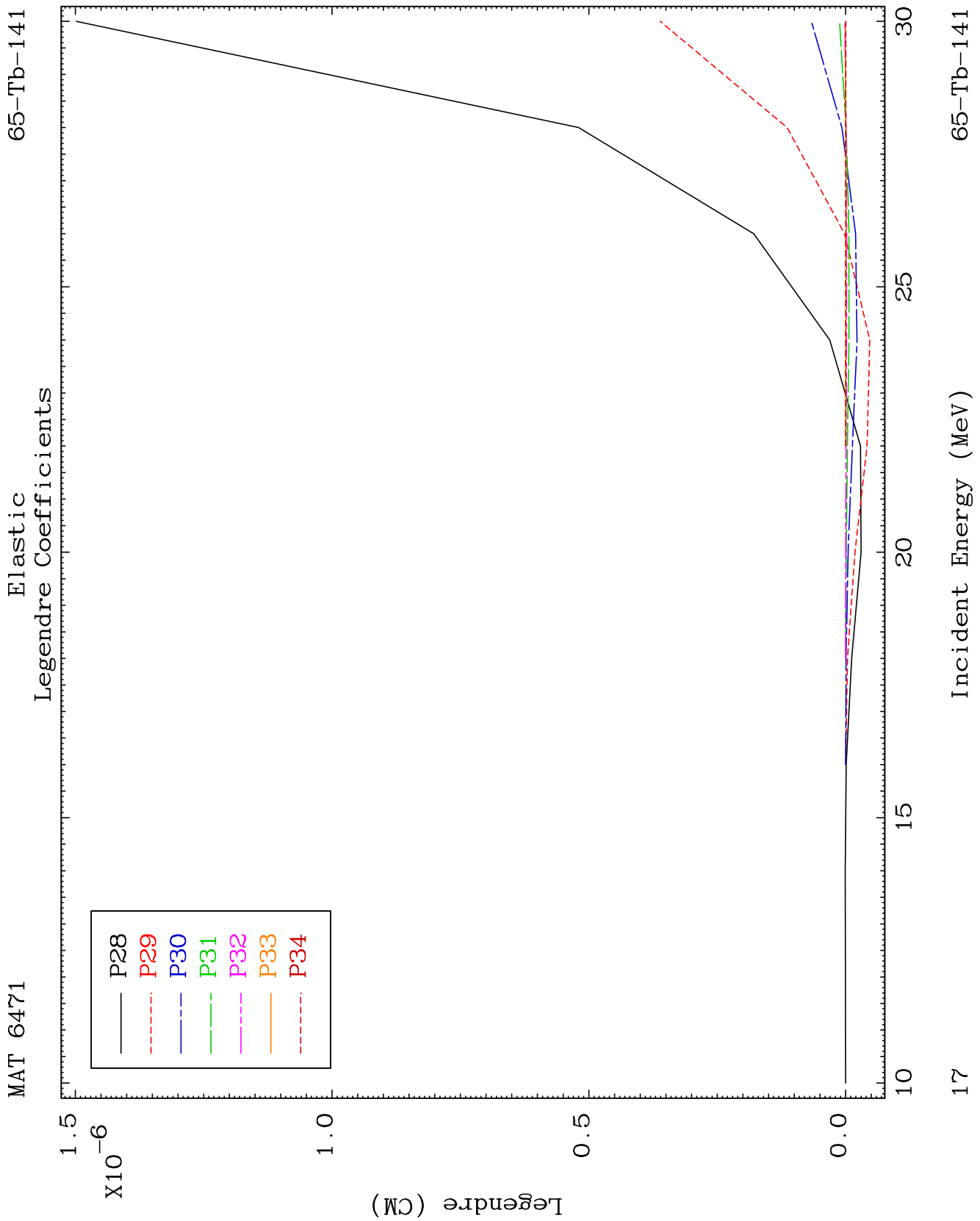
Elastic Legendre Coefficients

65-Tb-141

16

Incident Energy (MeV)

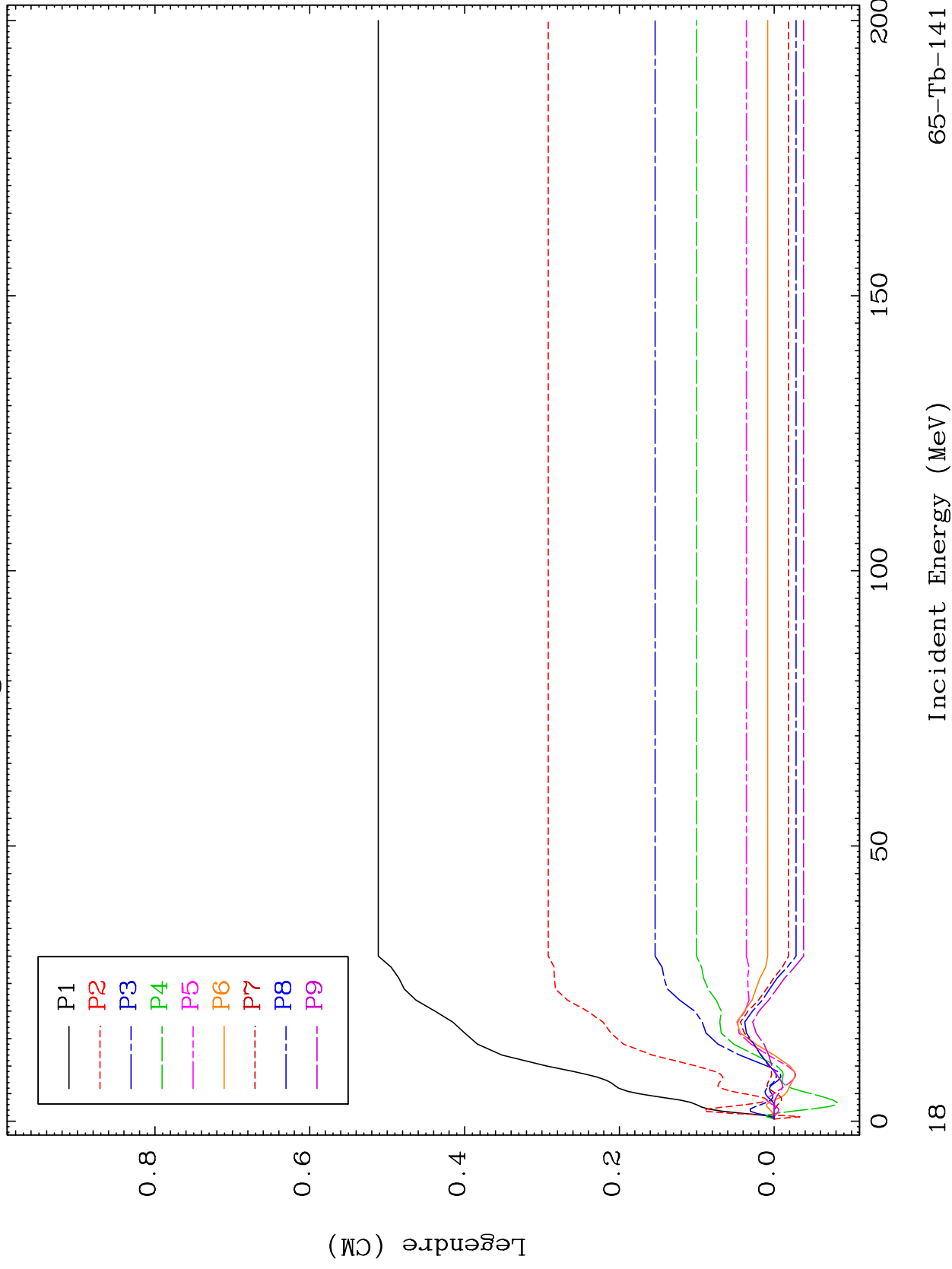
65-Tb-141



MAT 6471

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

65-Tb-141



65-Tb-141

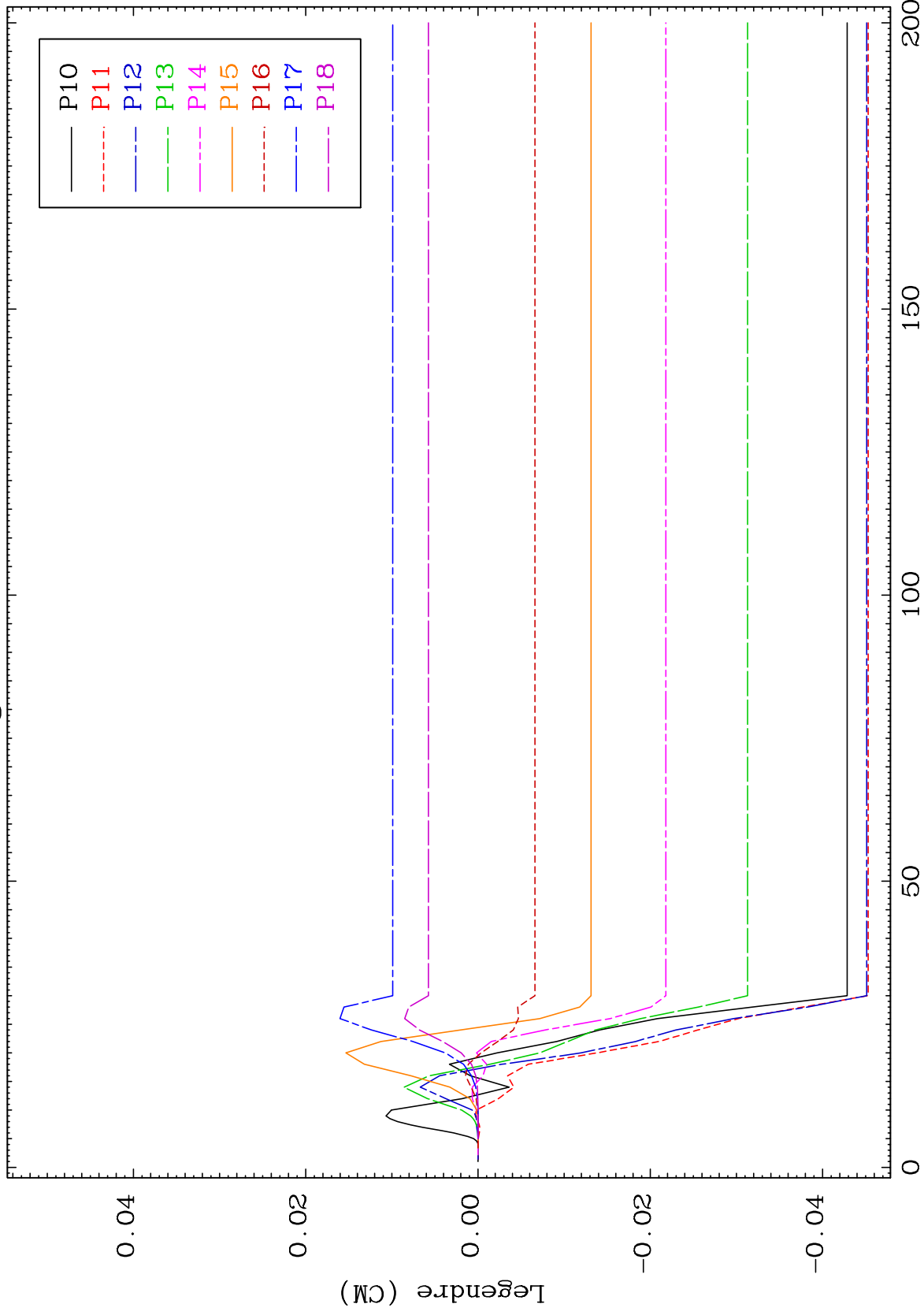
Incident Energy (MeV)

18

MAT 6471

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

65-Tb-141



19

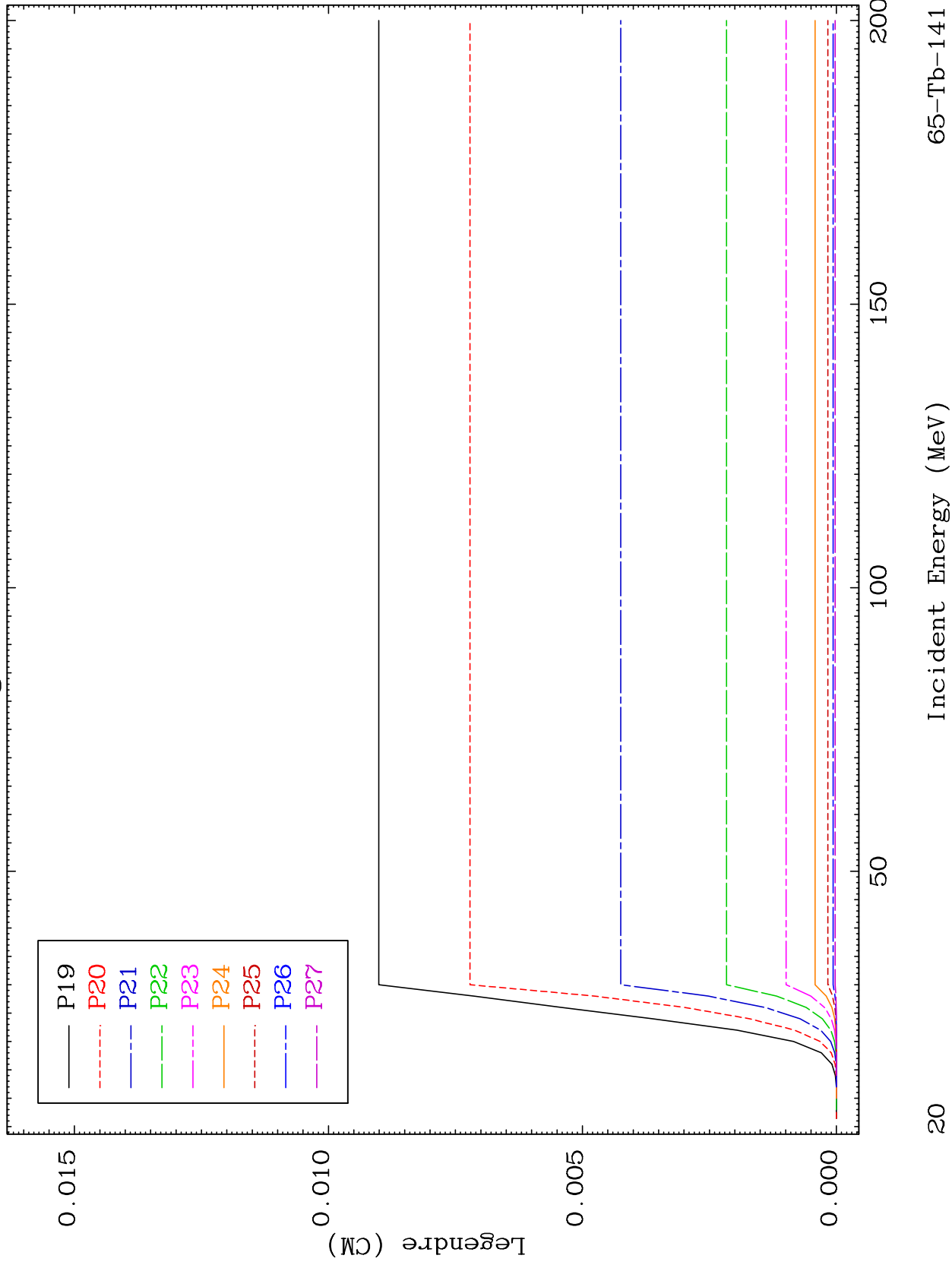
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

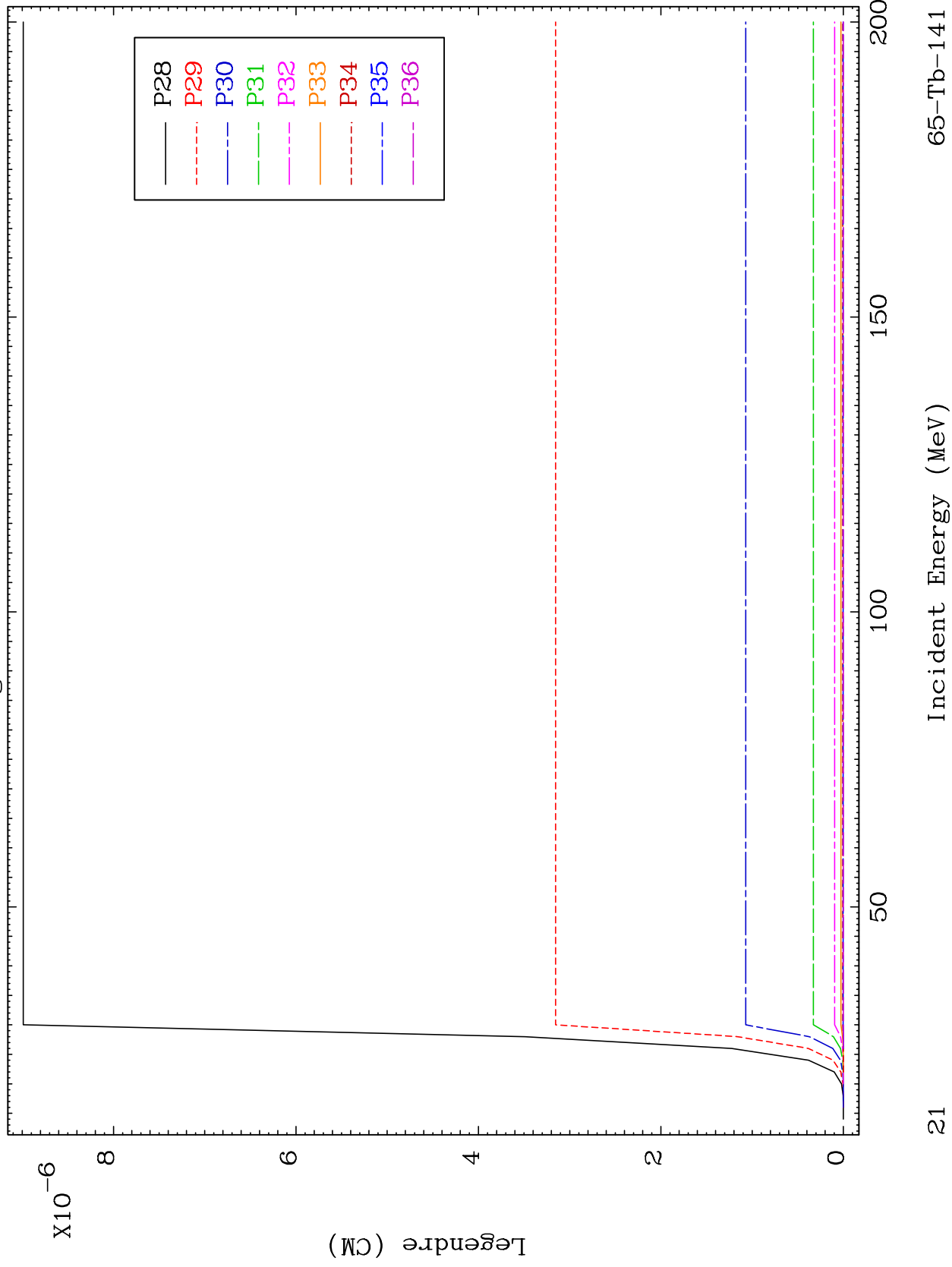
Incident Energy (MeV)

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MAT 6471

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

65-Tb-141



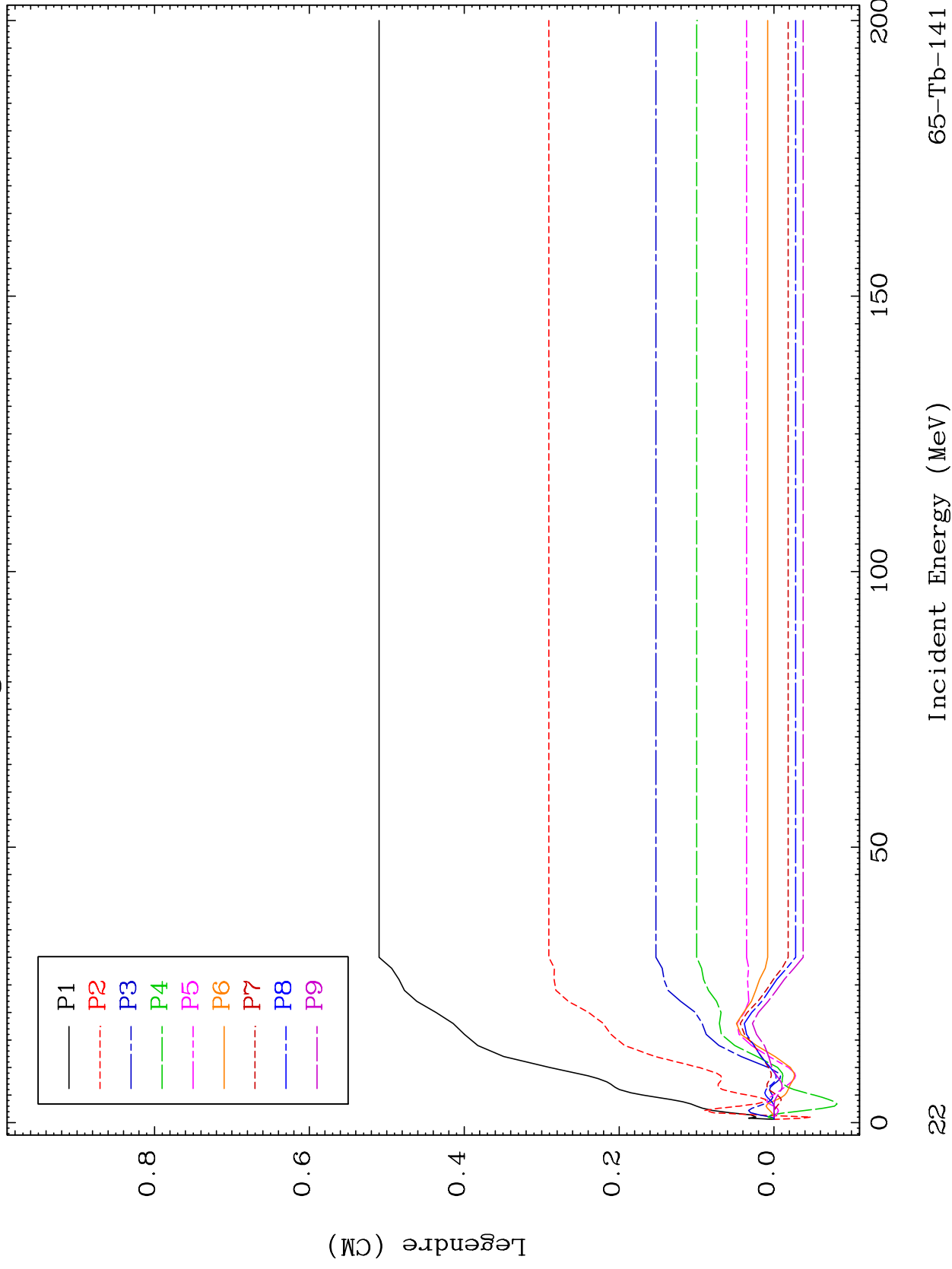
21

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

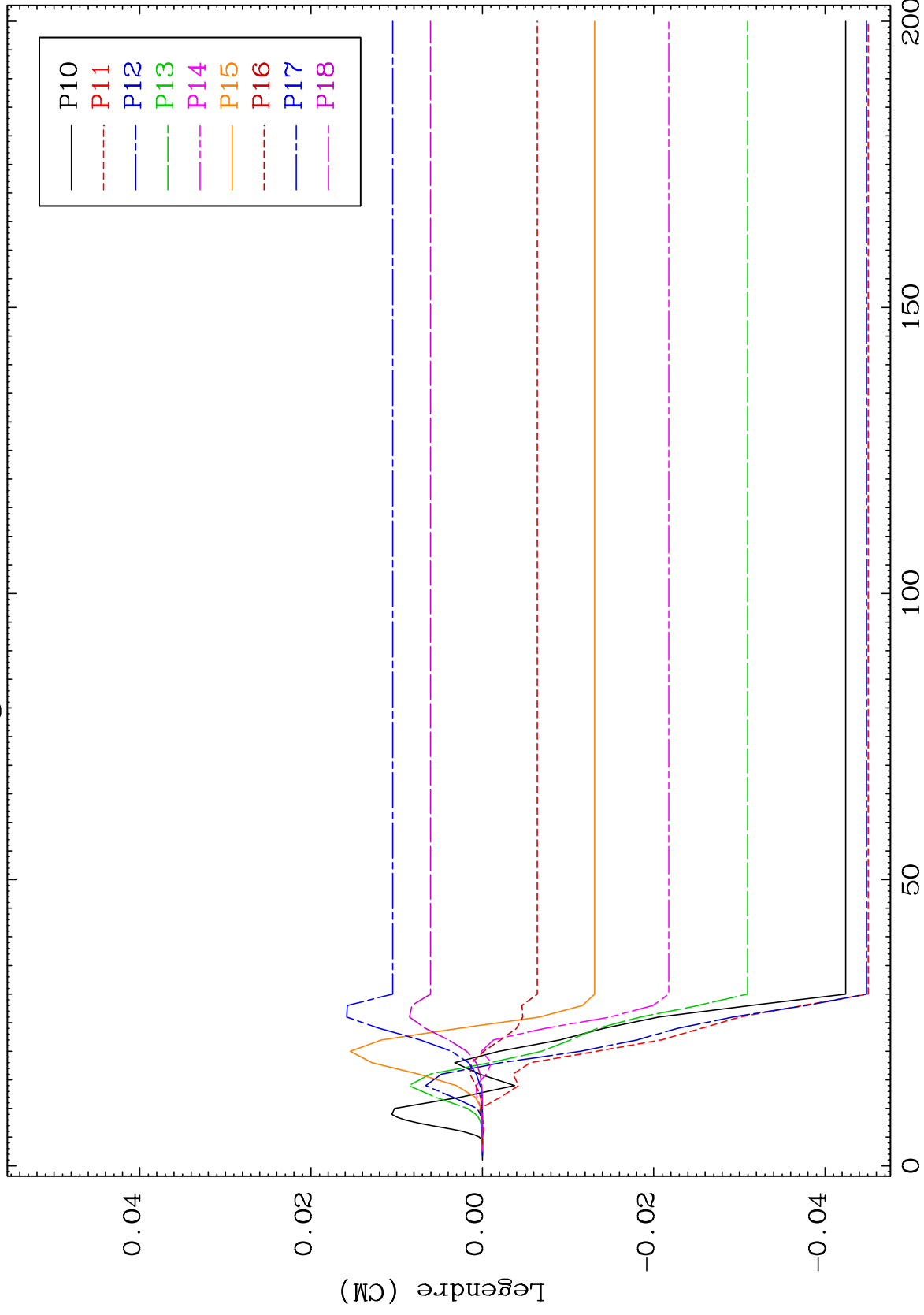
Incident Energy (MeV)

22

MAT 6471

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

65-Tb-141



23

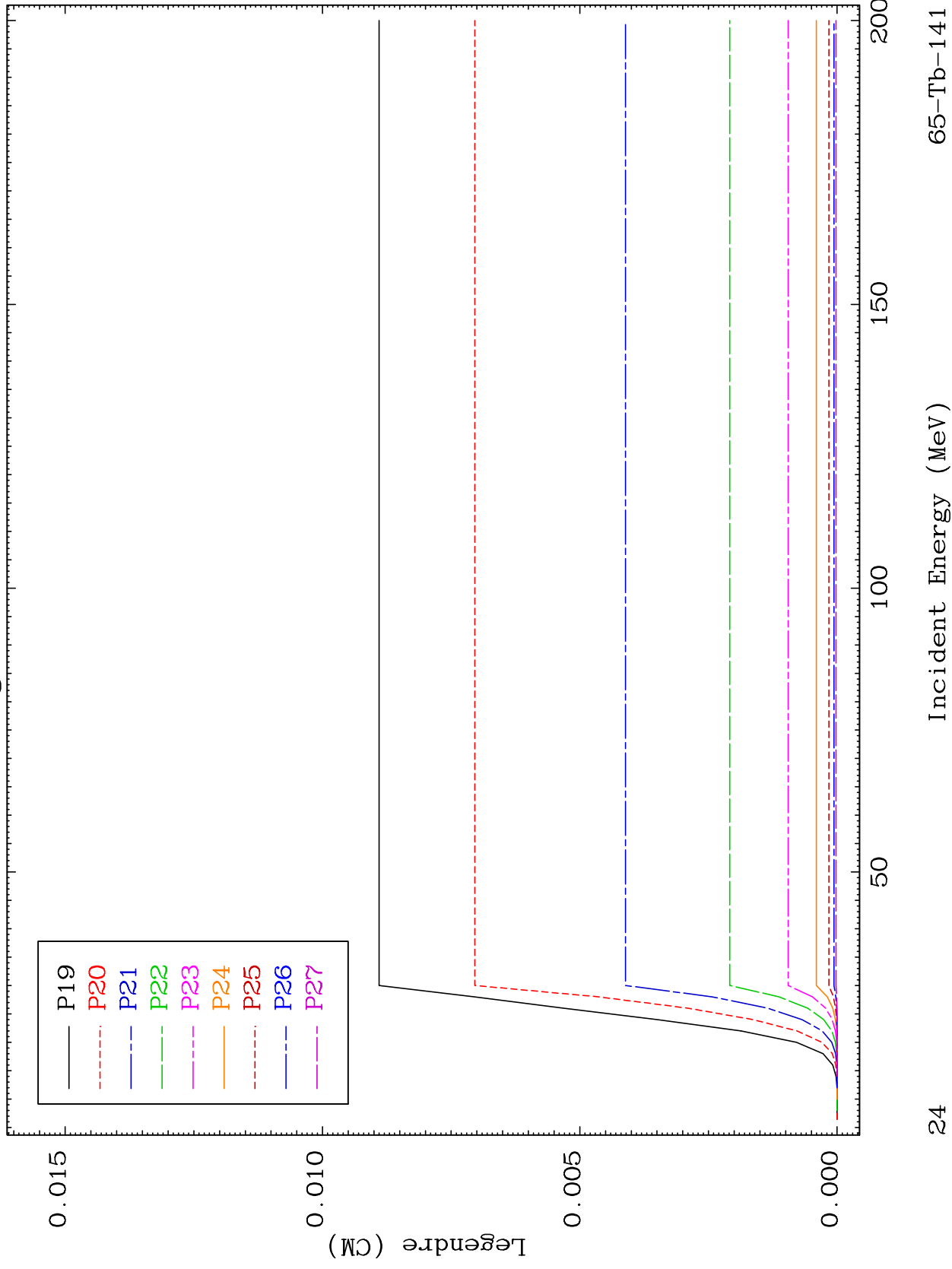
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



24

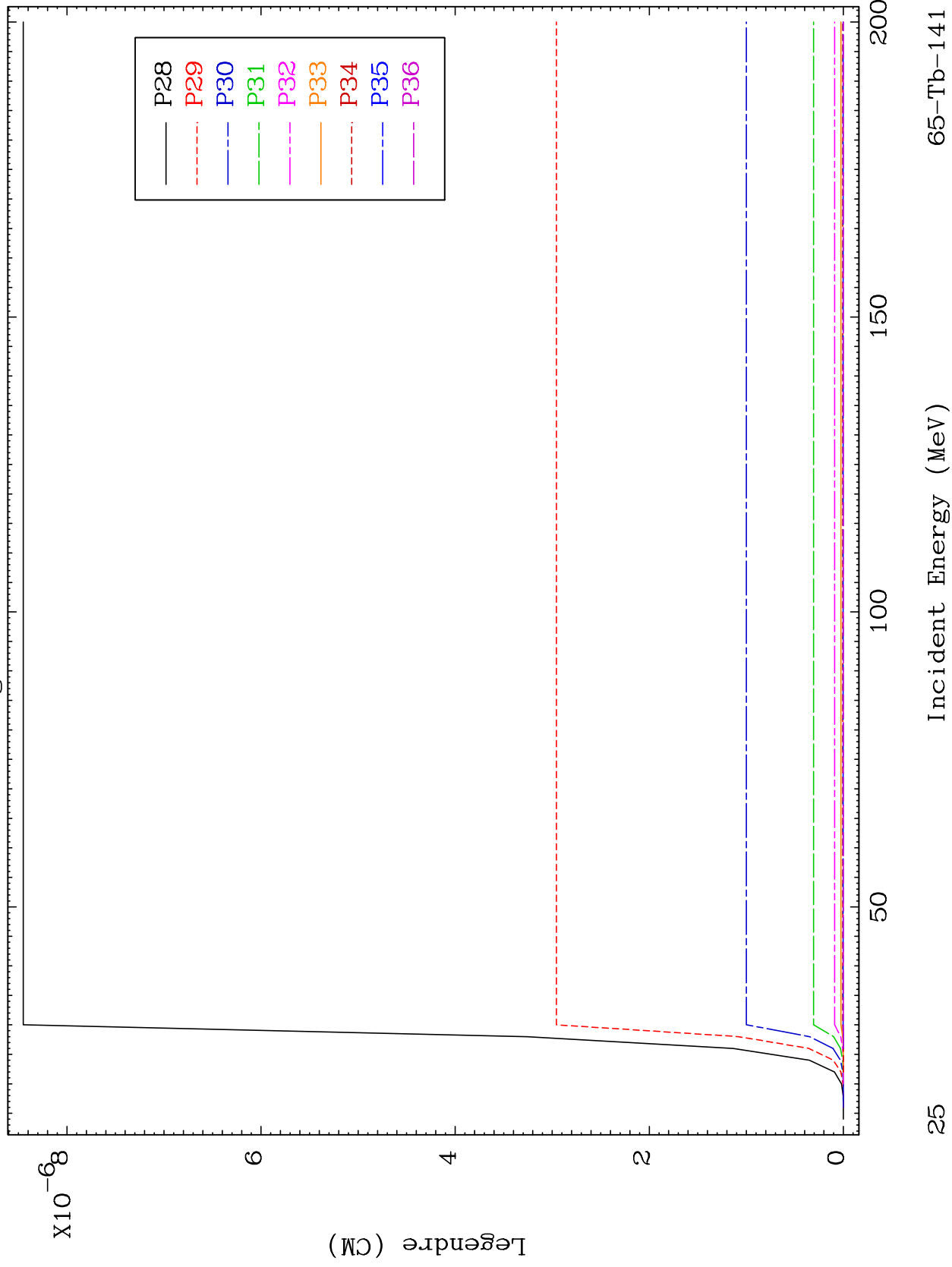
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

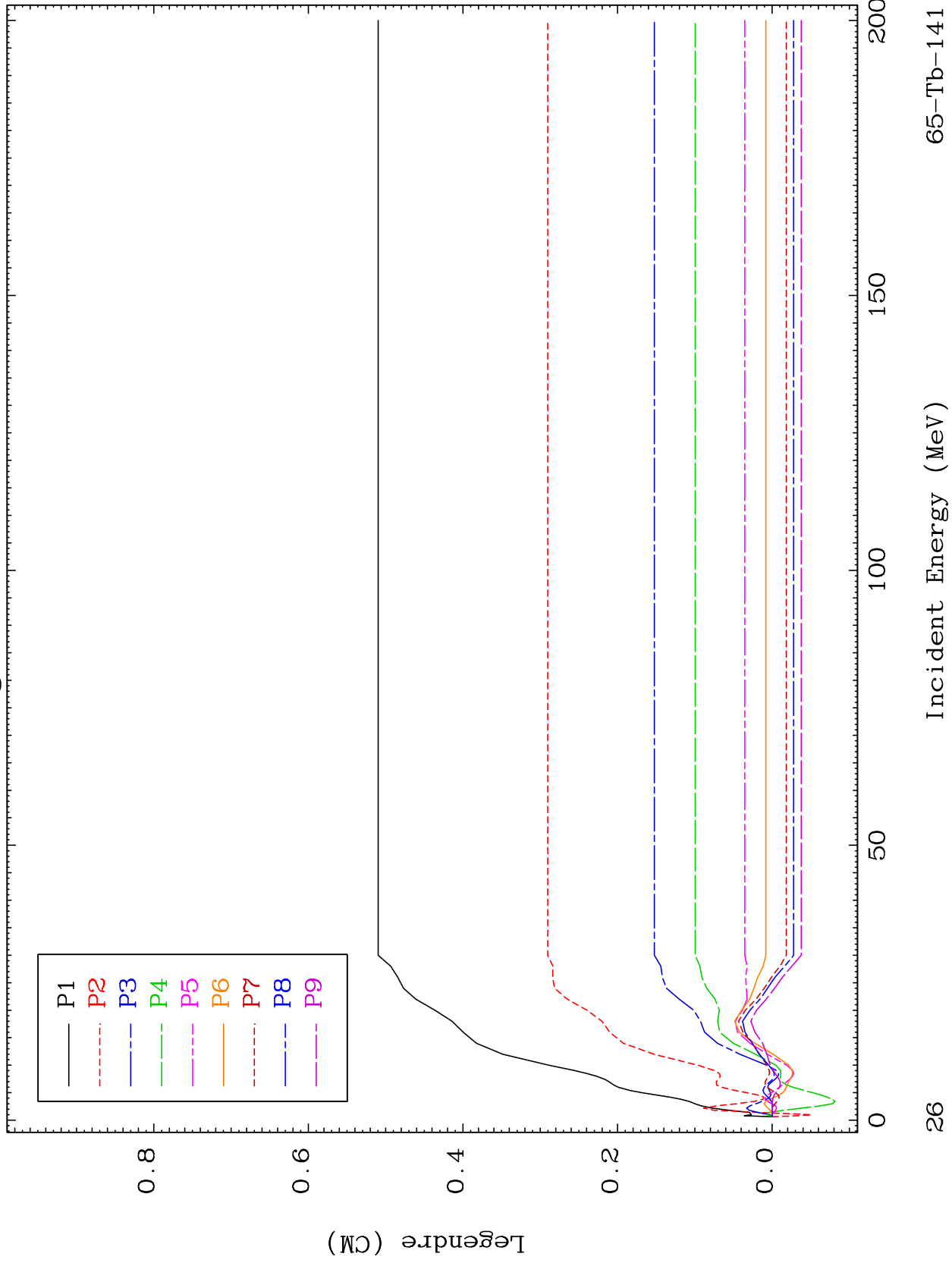
65-Tb-141



MAT 6471

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

65-Tb-141



65-Tb-141

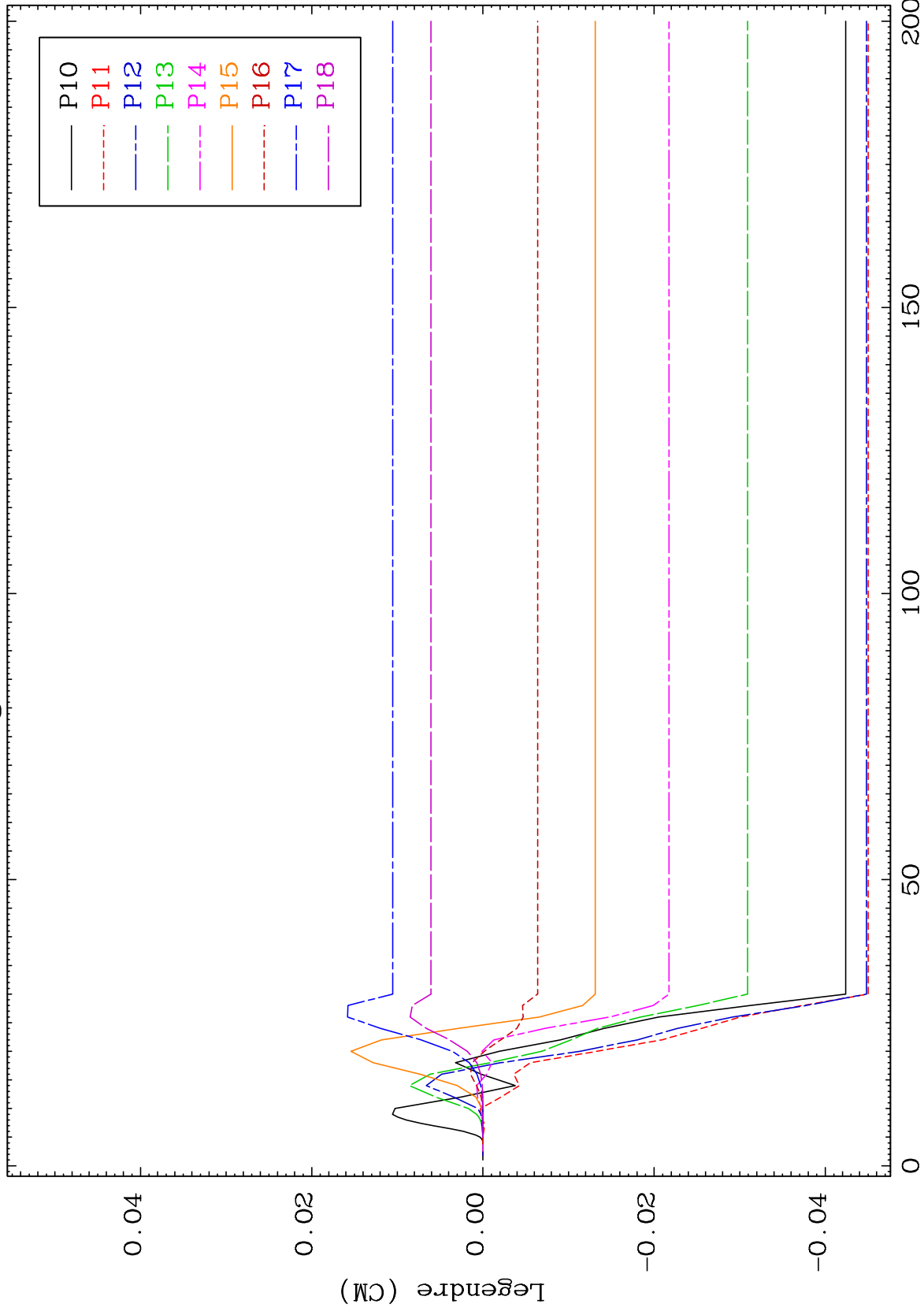
Incident Energy (MeV)

26

MAT 6471

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

65-Tb-141



27

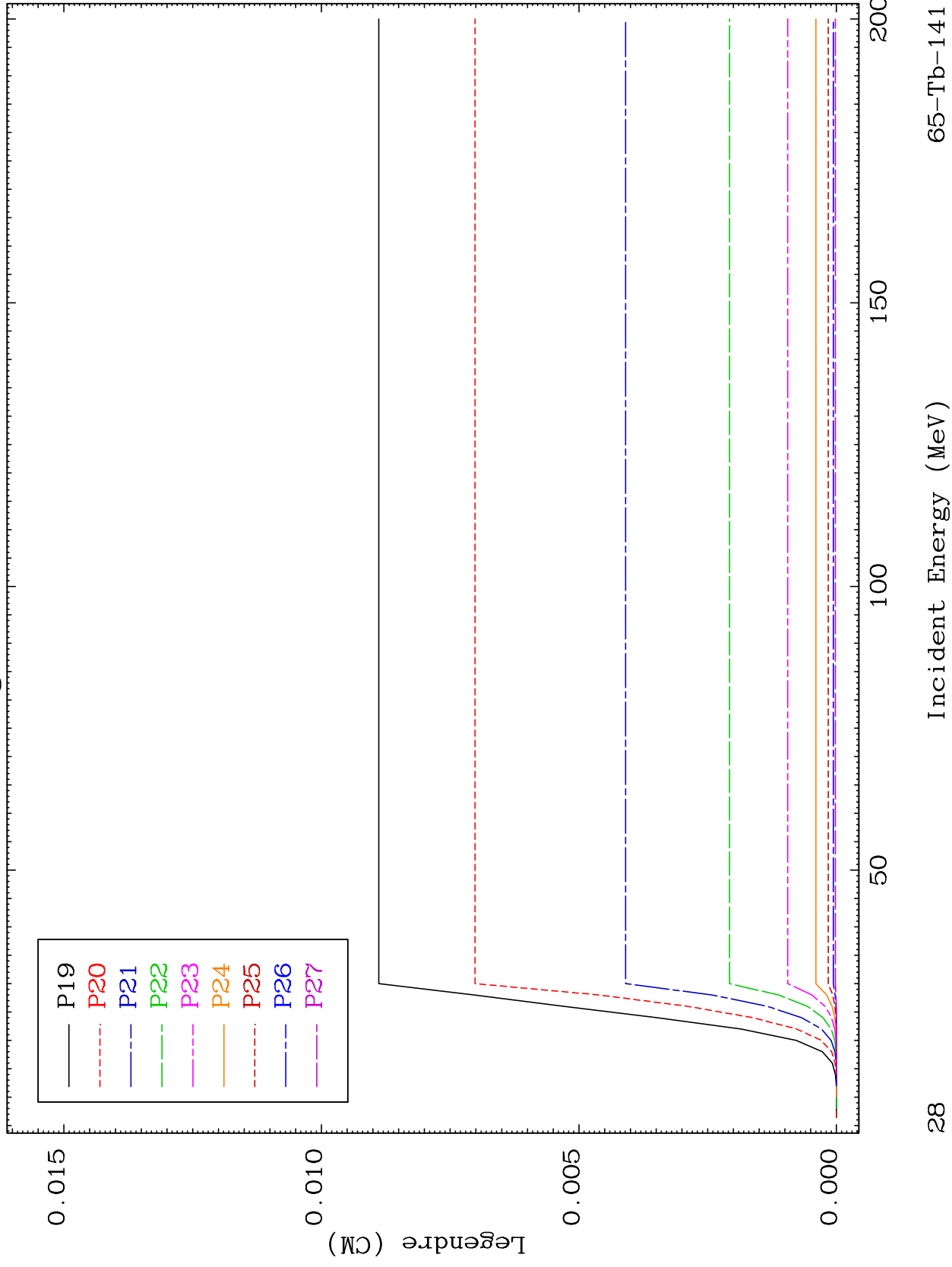
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



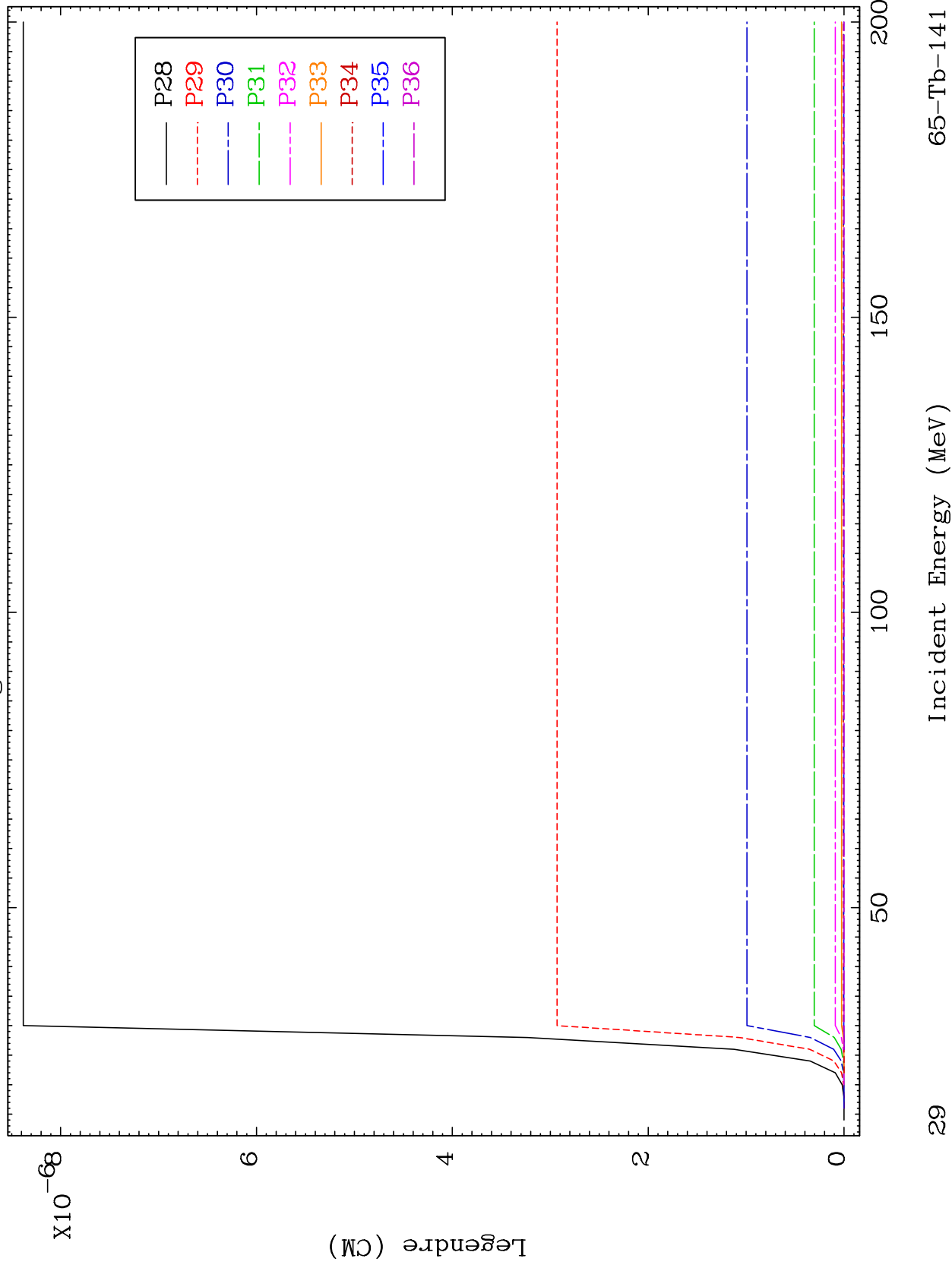
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65-Tb-141

MAT 6471

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

65-Tb-141



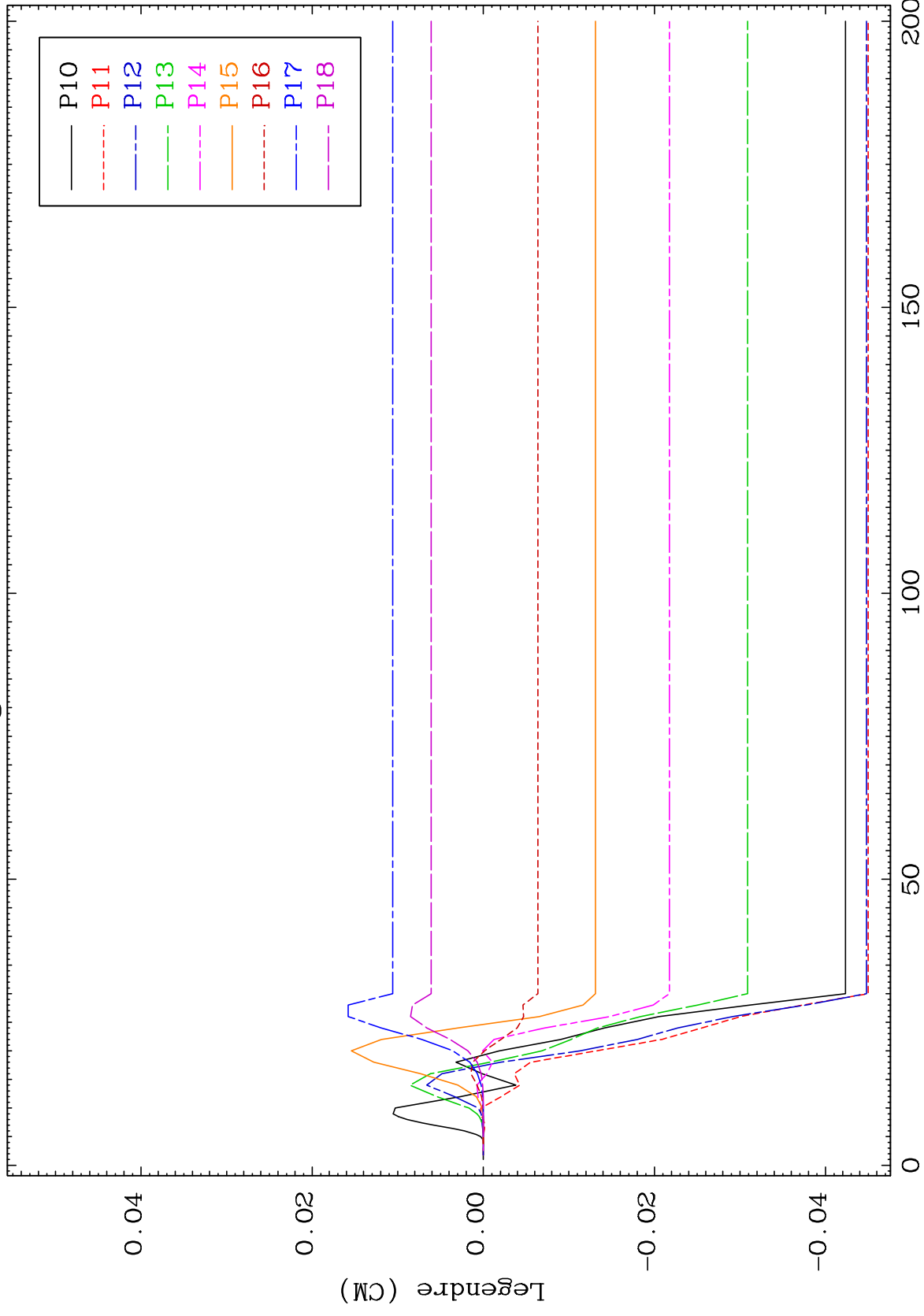
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65-Tb-141

MAT 6471

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

65-Tb-141



31

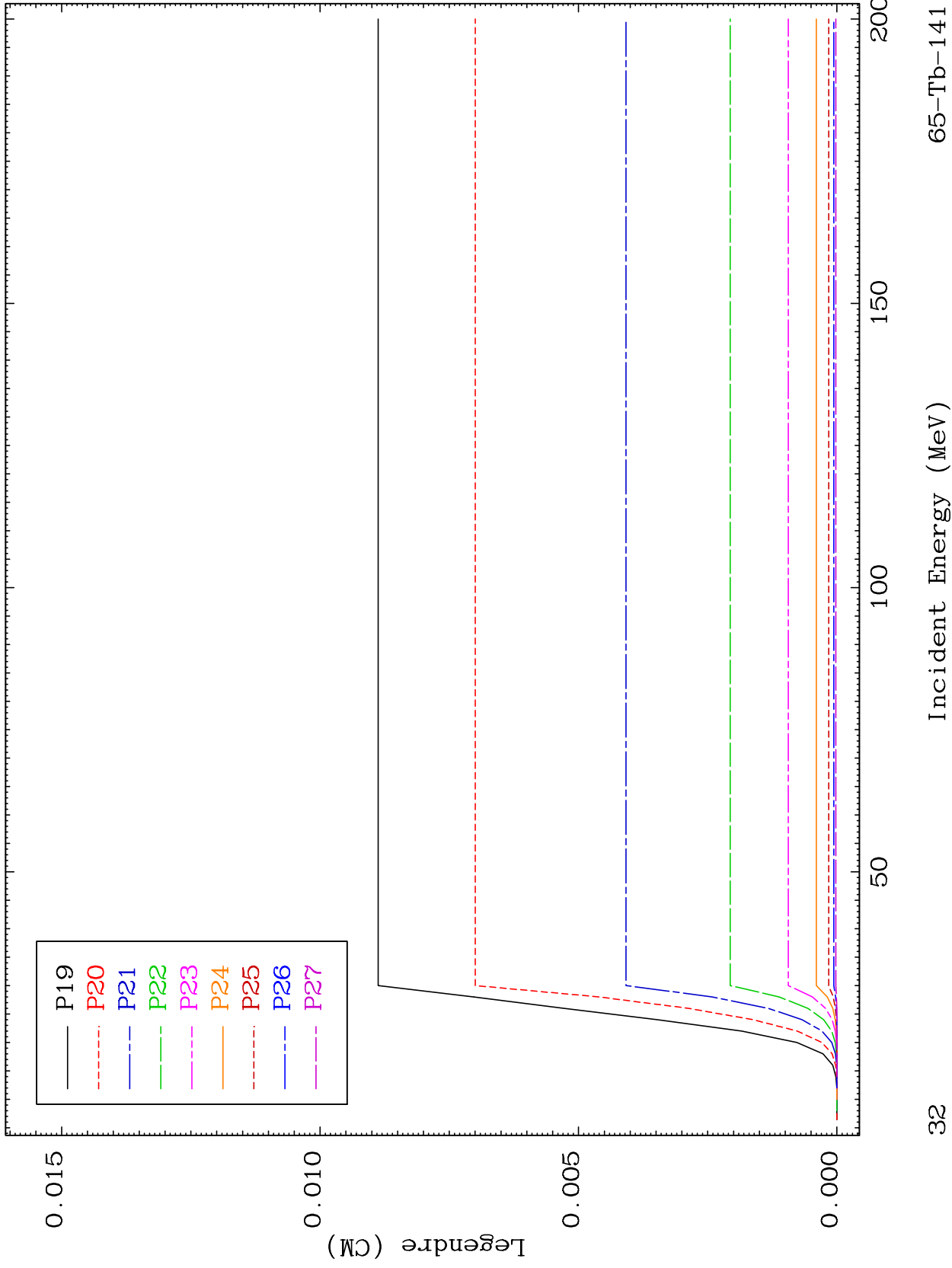
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



32

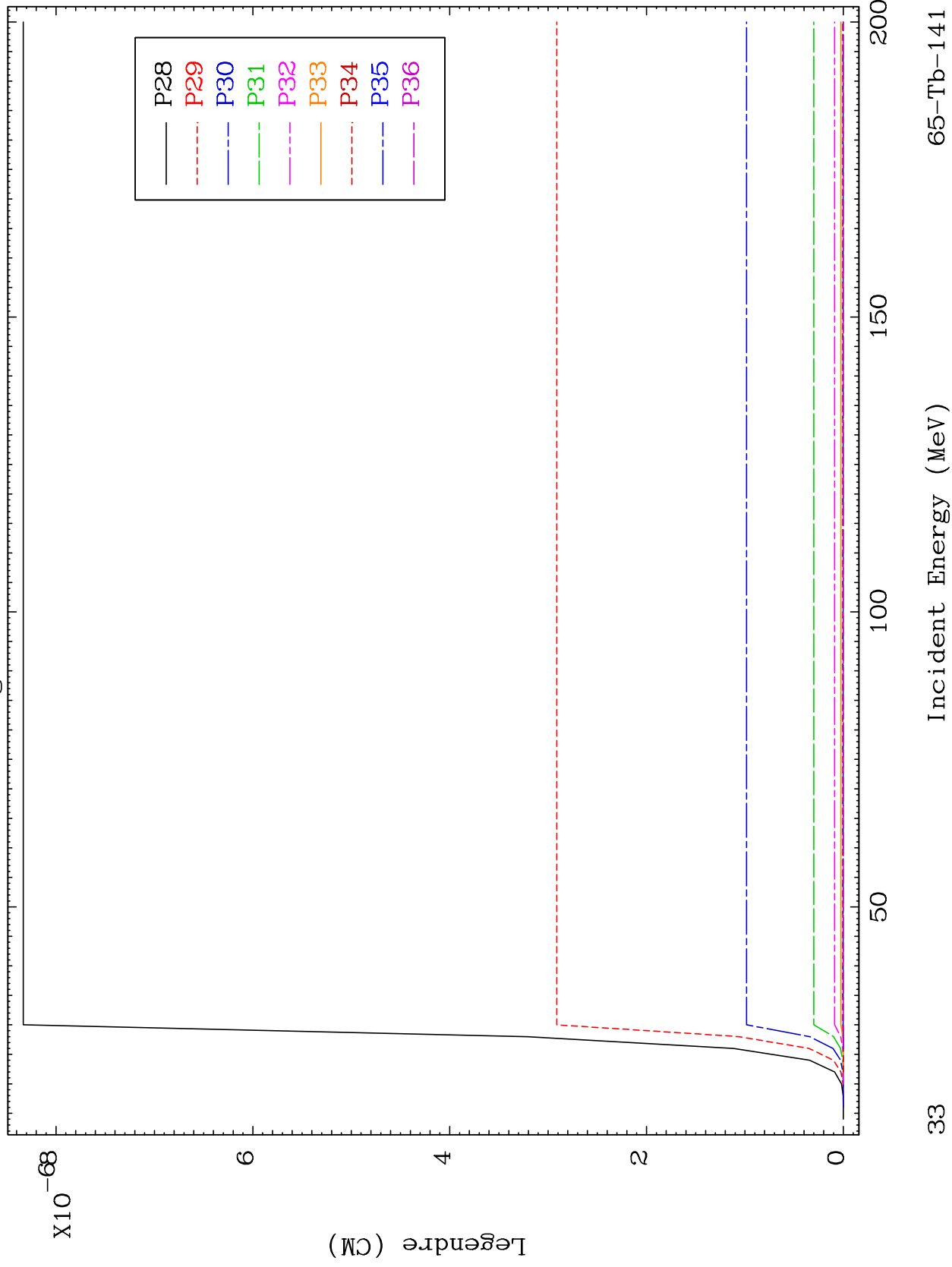
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

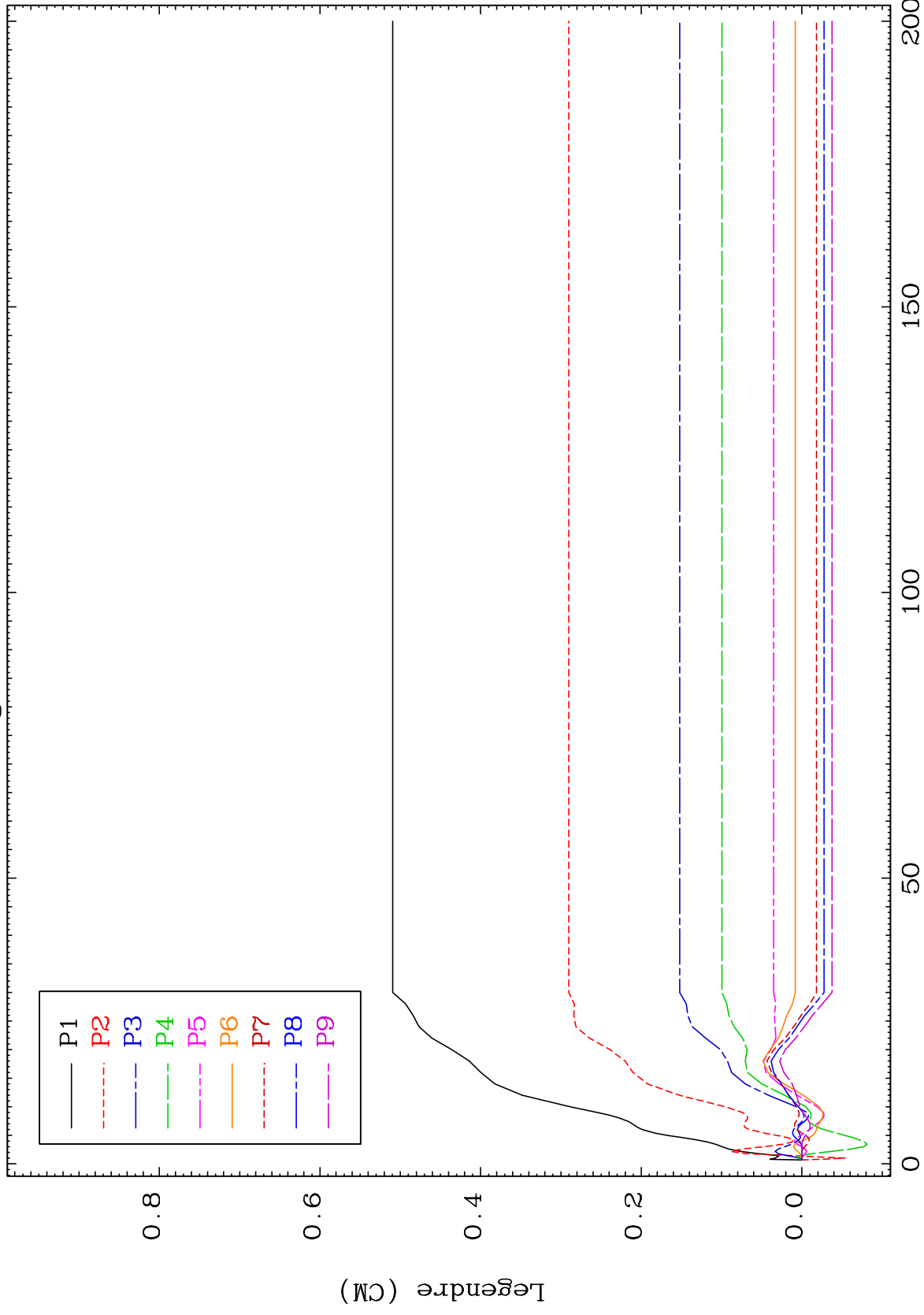
65-Tb-141



MAT 6471

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

65-Tb-141



34

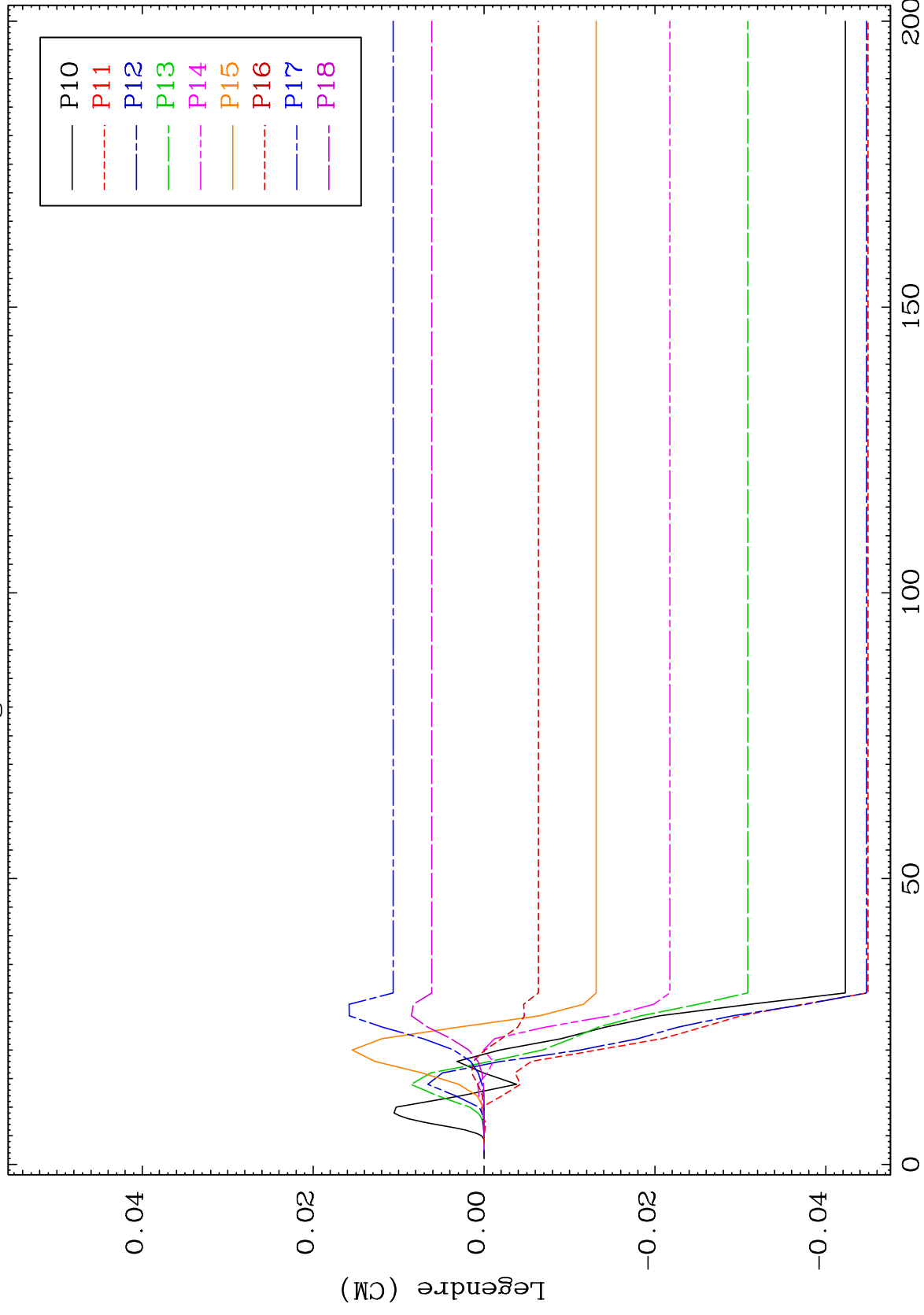
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



35

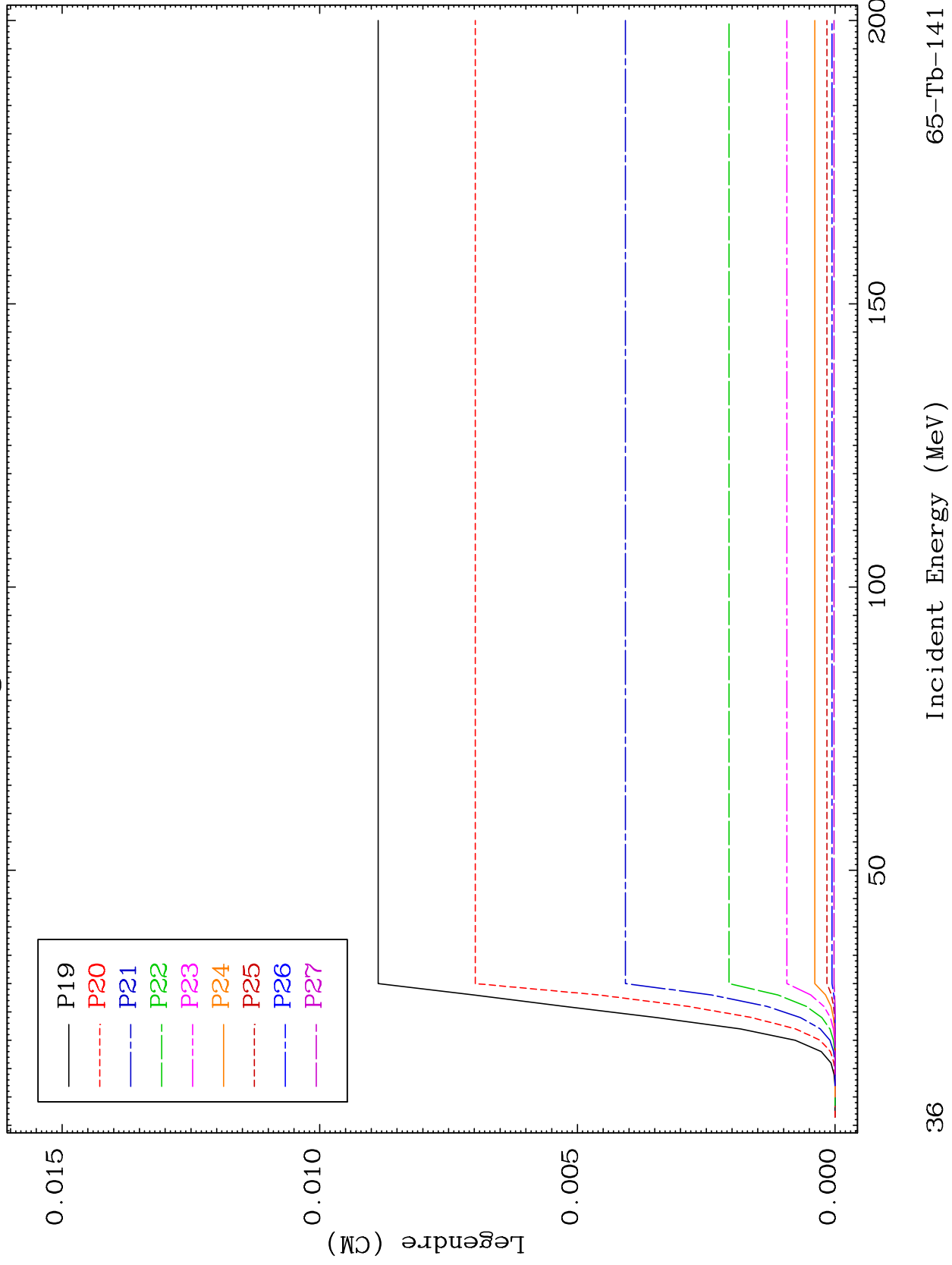
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



36

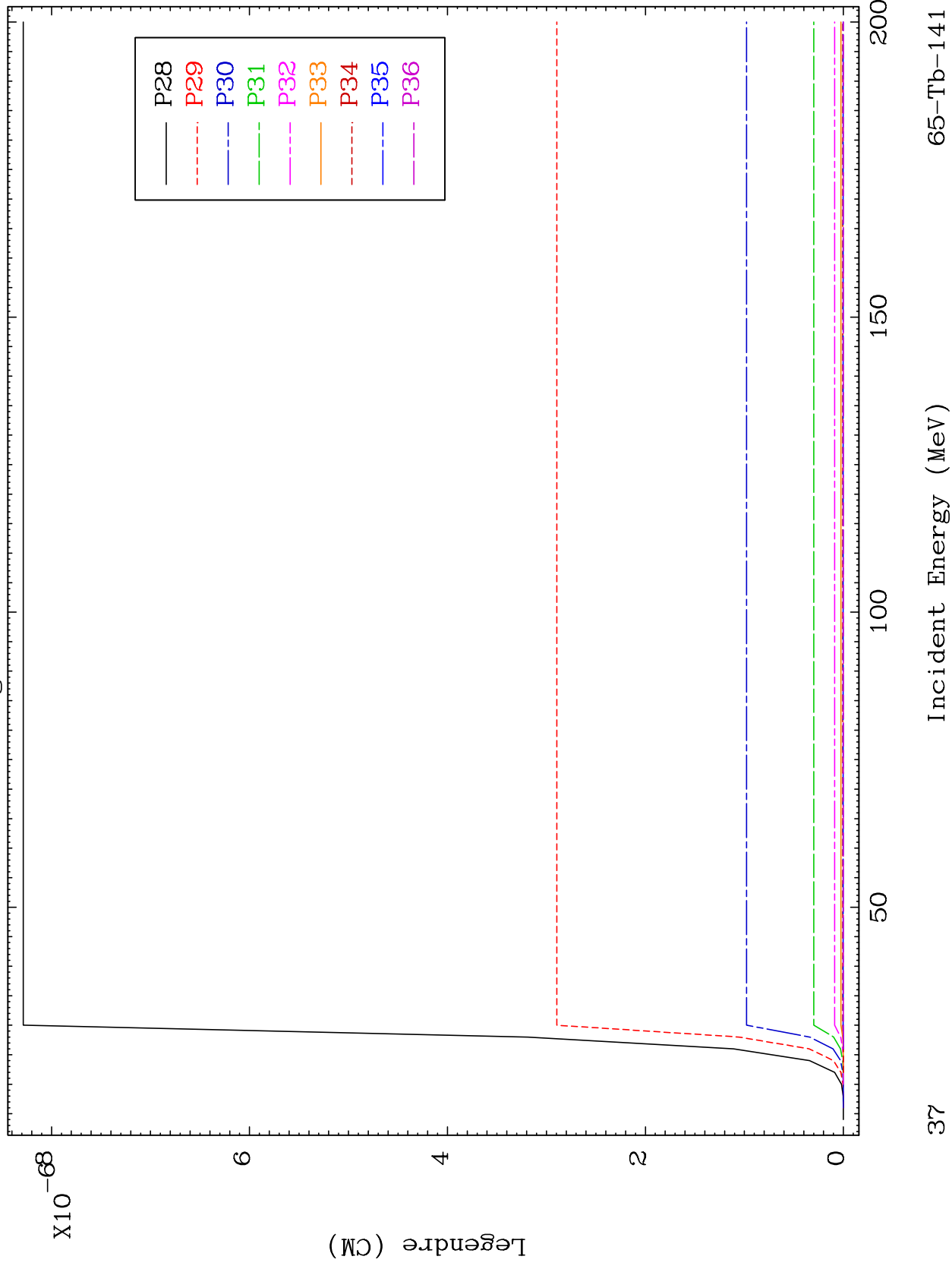
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

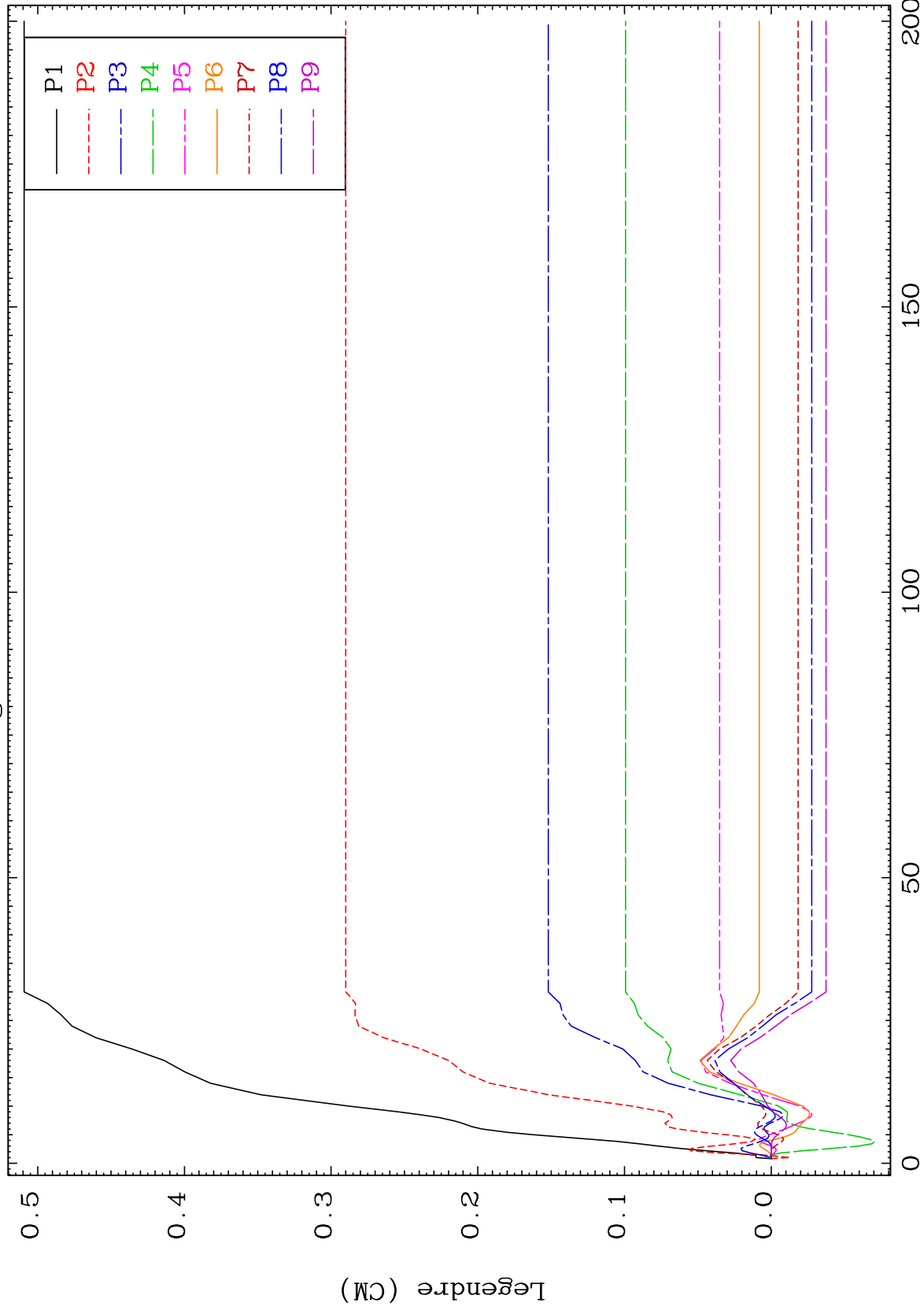
65-Tb-141



MAT 6471

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

65-Tb-141



38

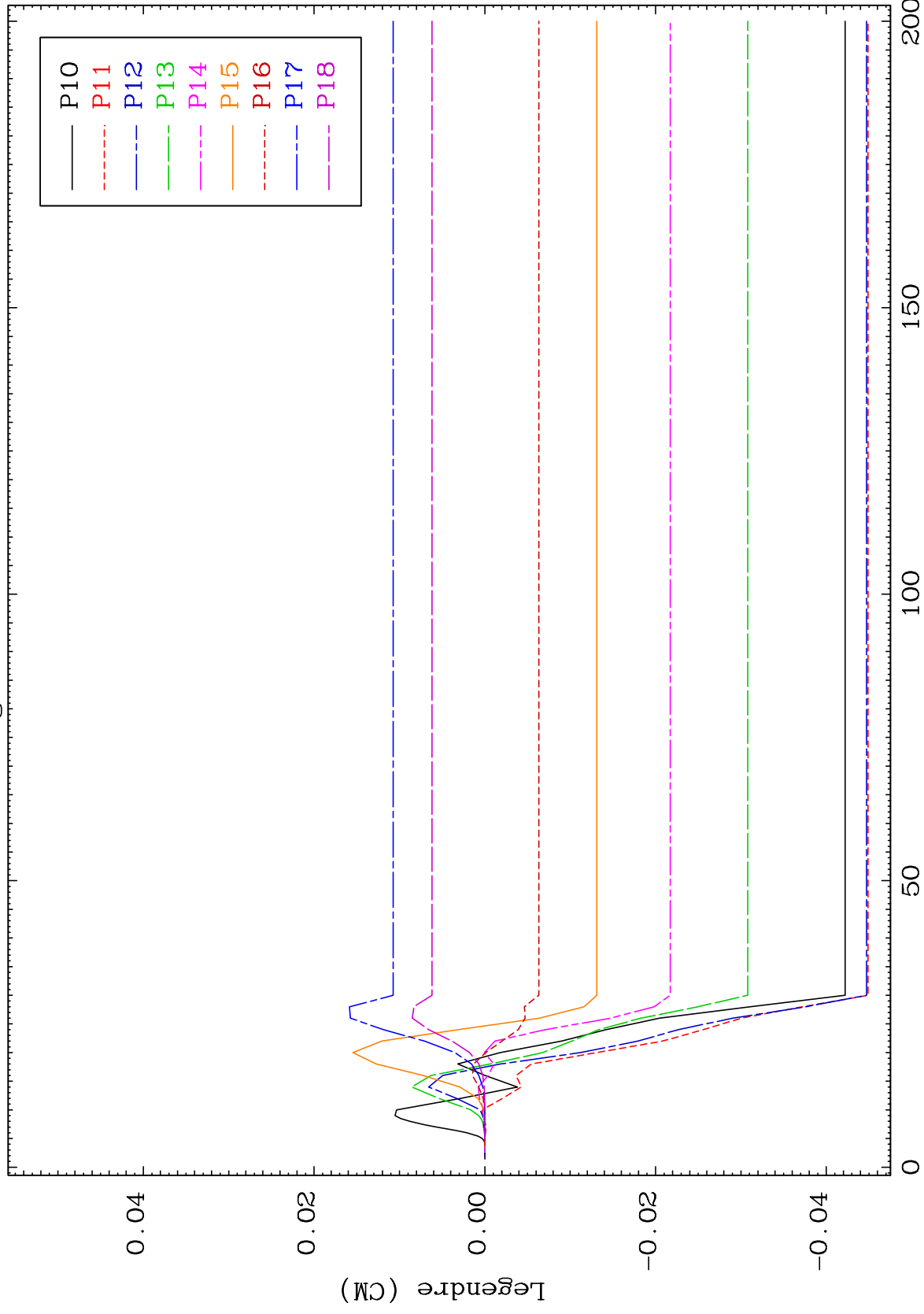
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



39

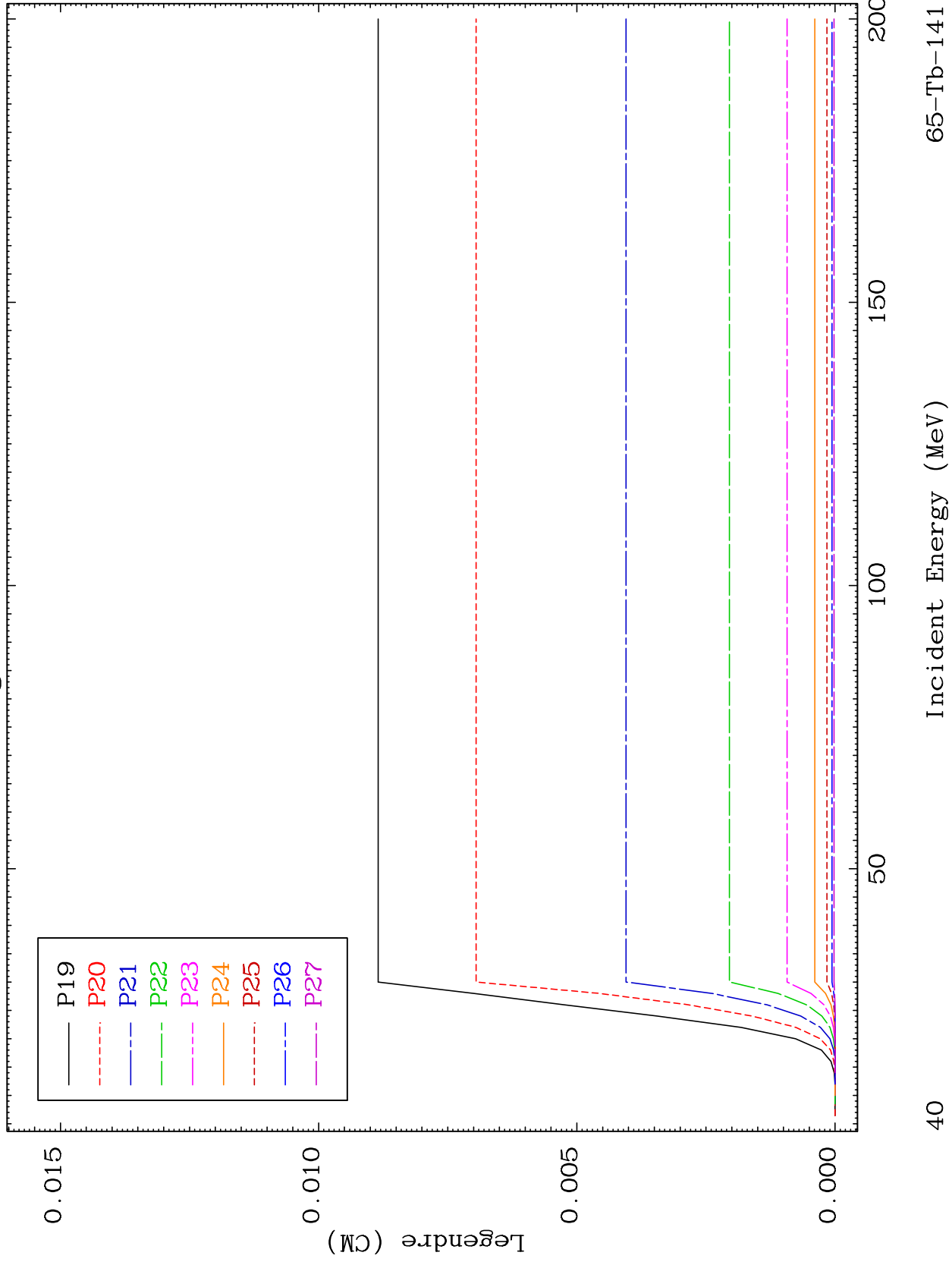
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

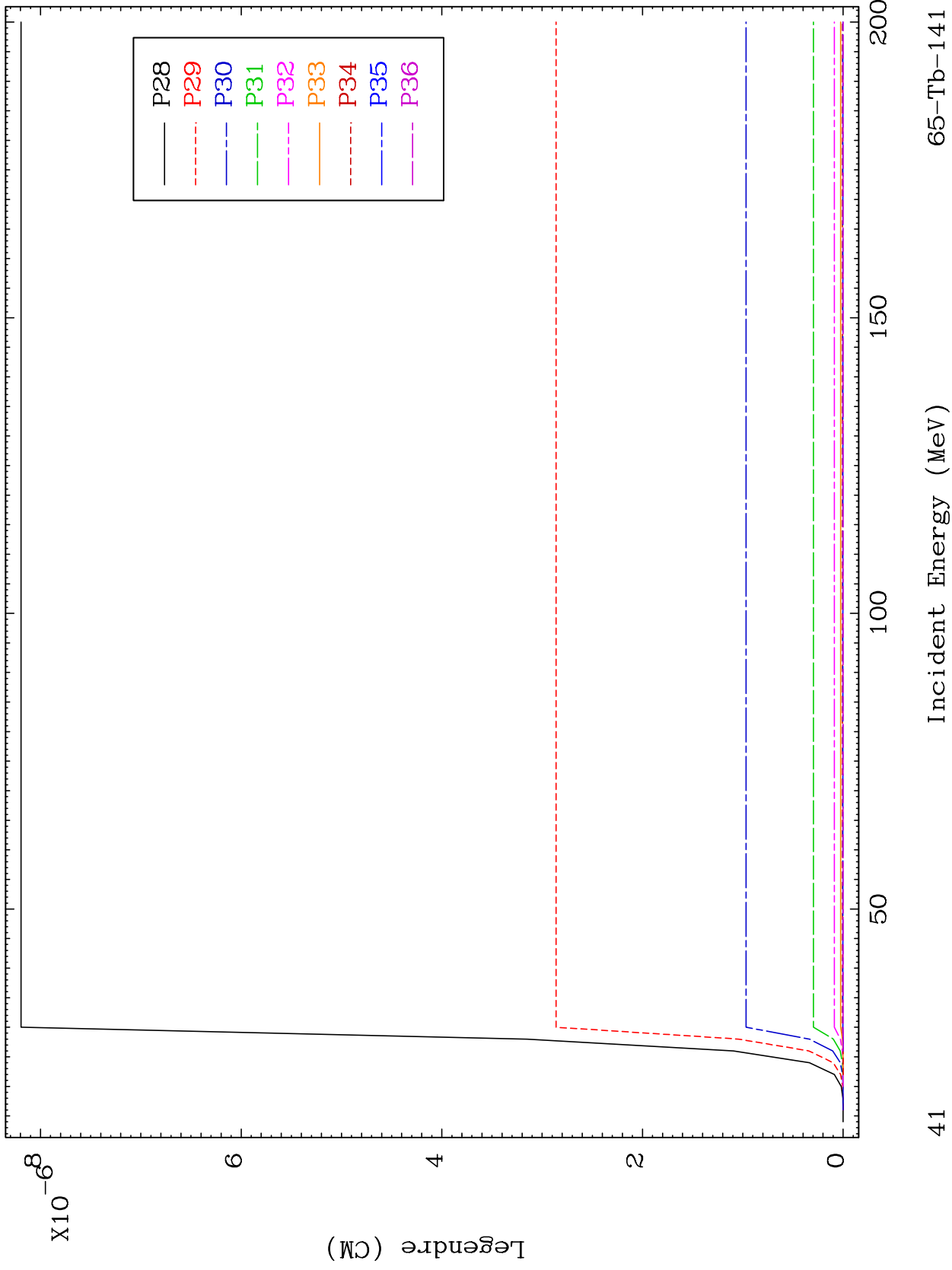
Incident Energy (MeV)

40

MAT 6471

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

65-Tb-141



41

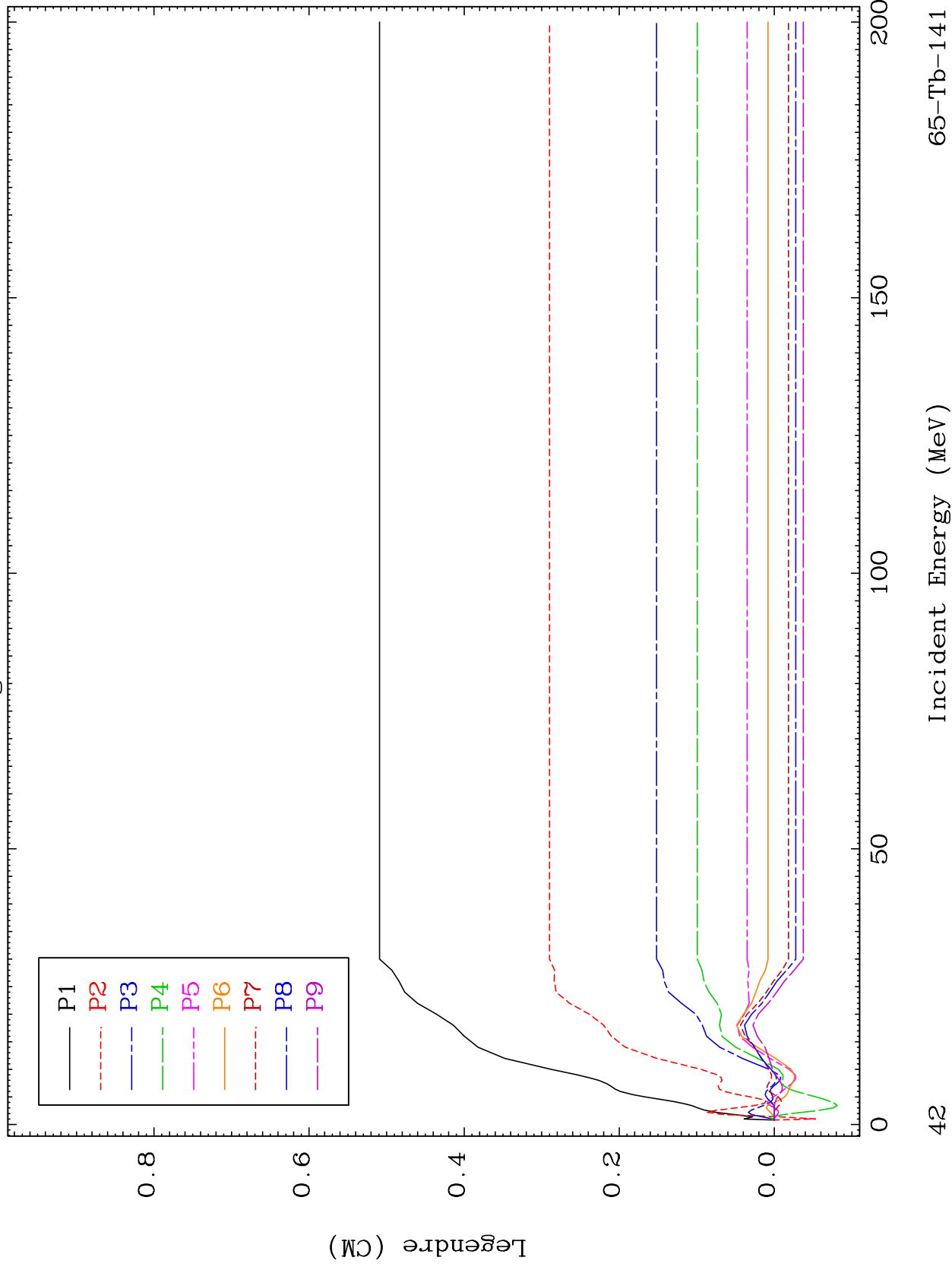
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

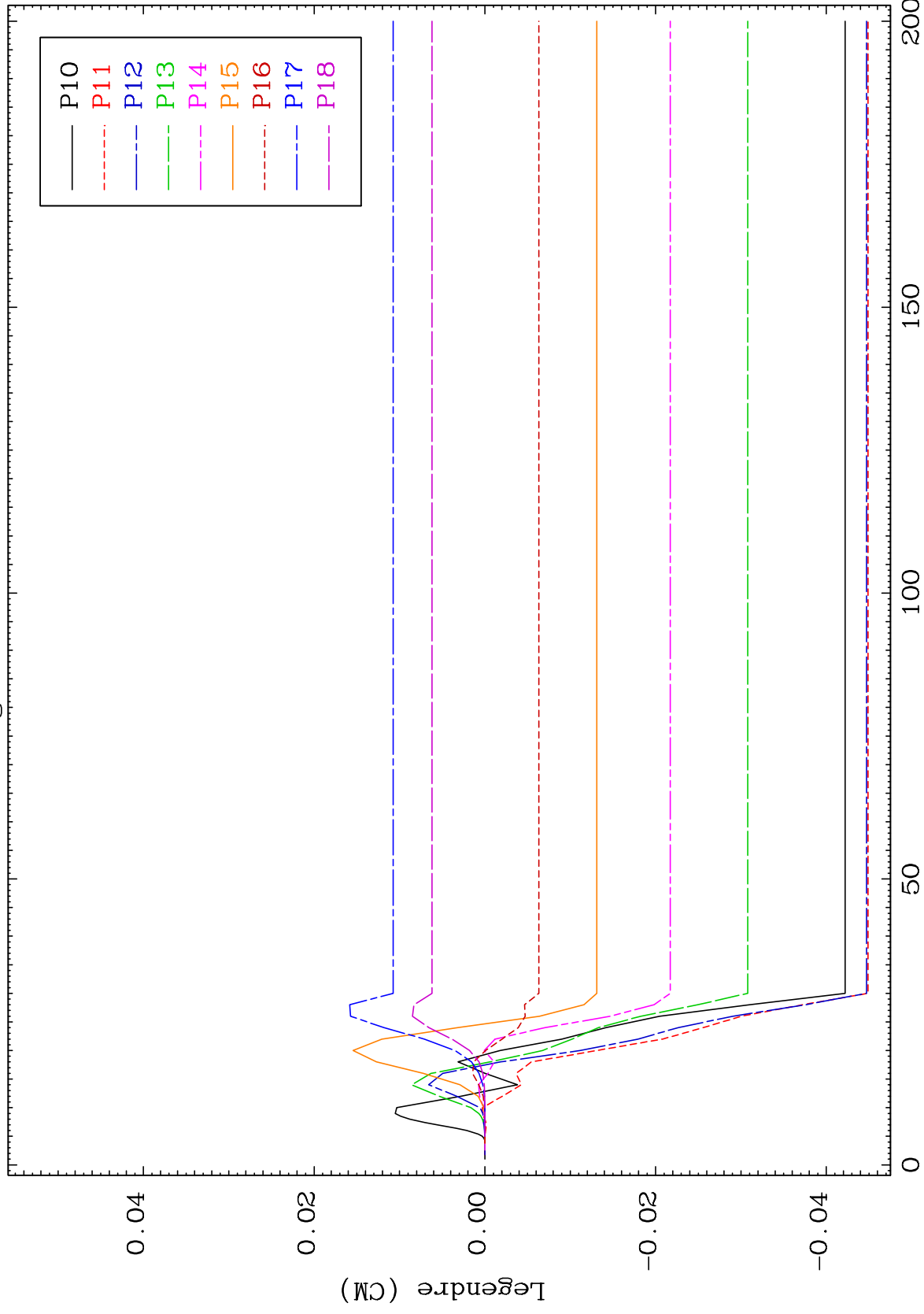
Incident Energy (MeV)

42

MAT 6471

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

65-Tb-141



43

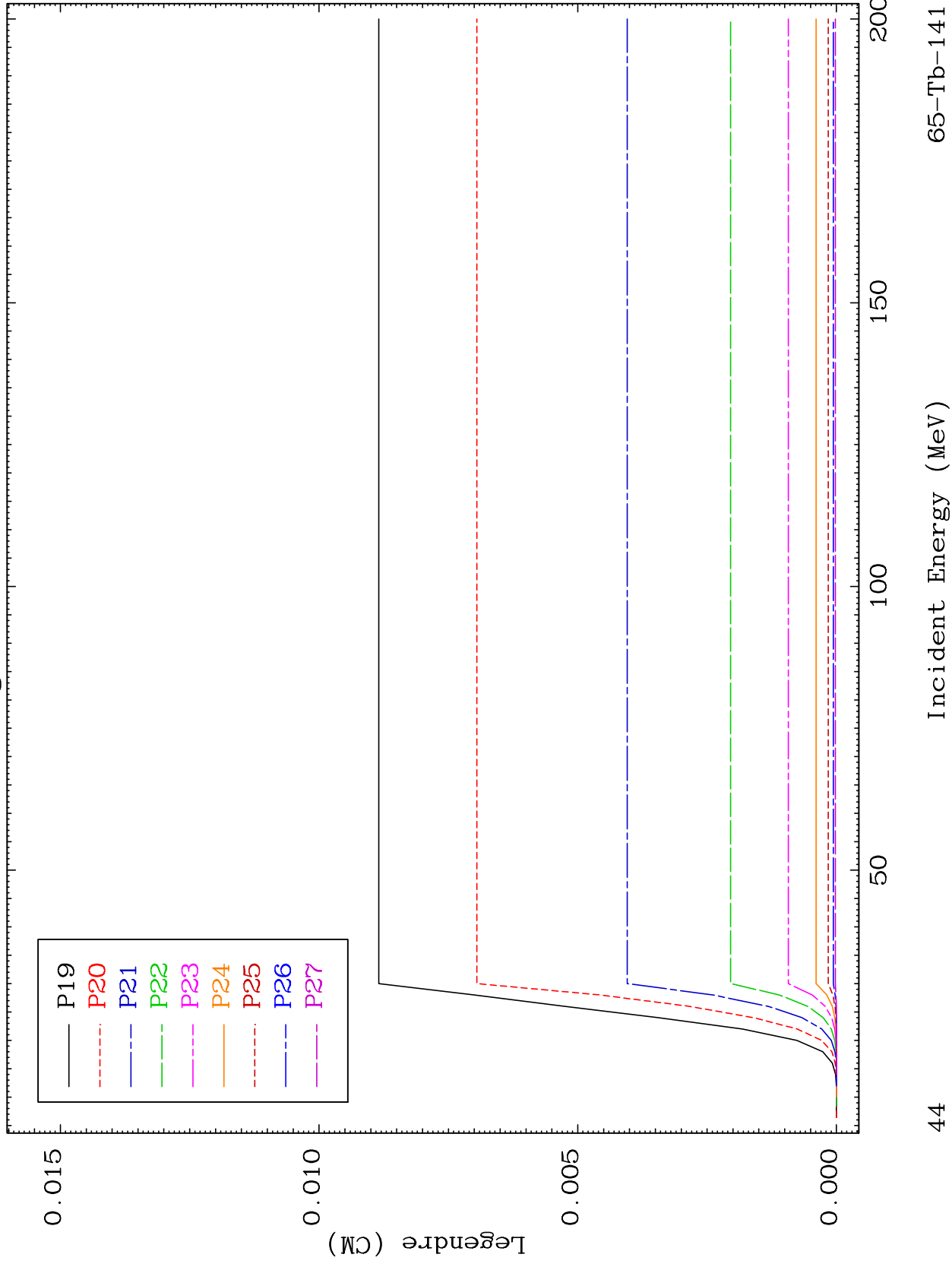
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



44

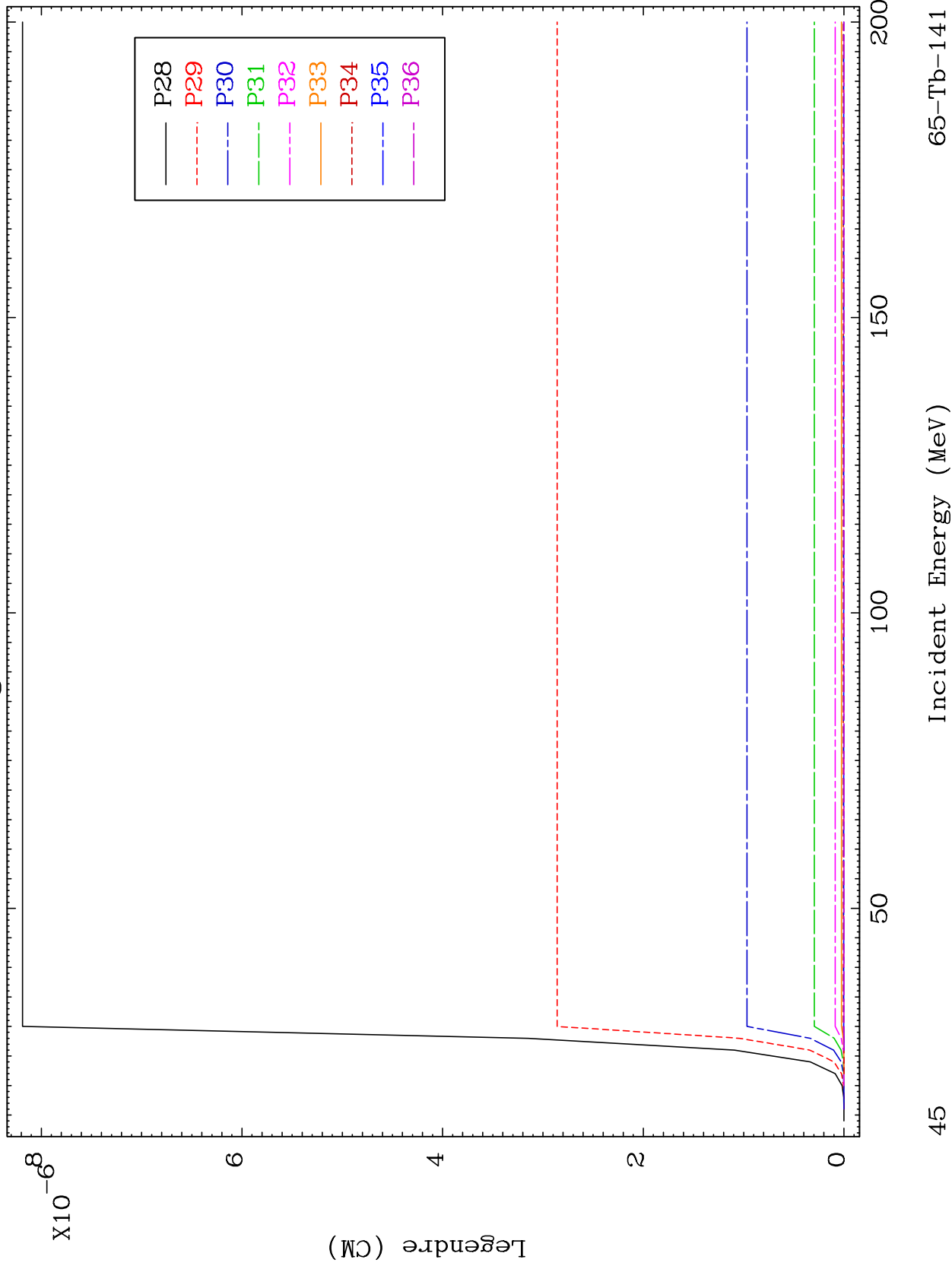
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

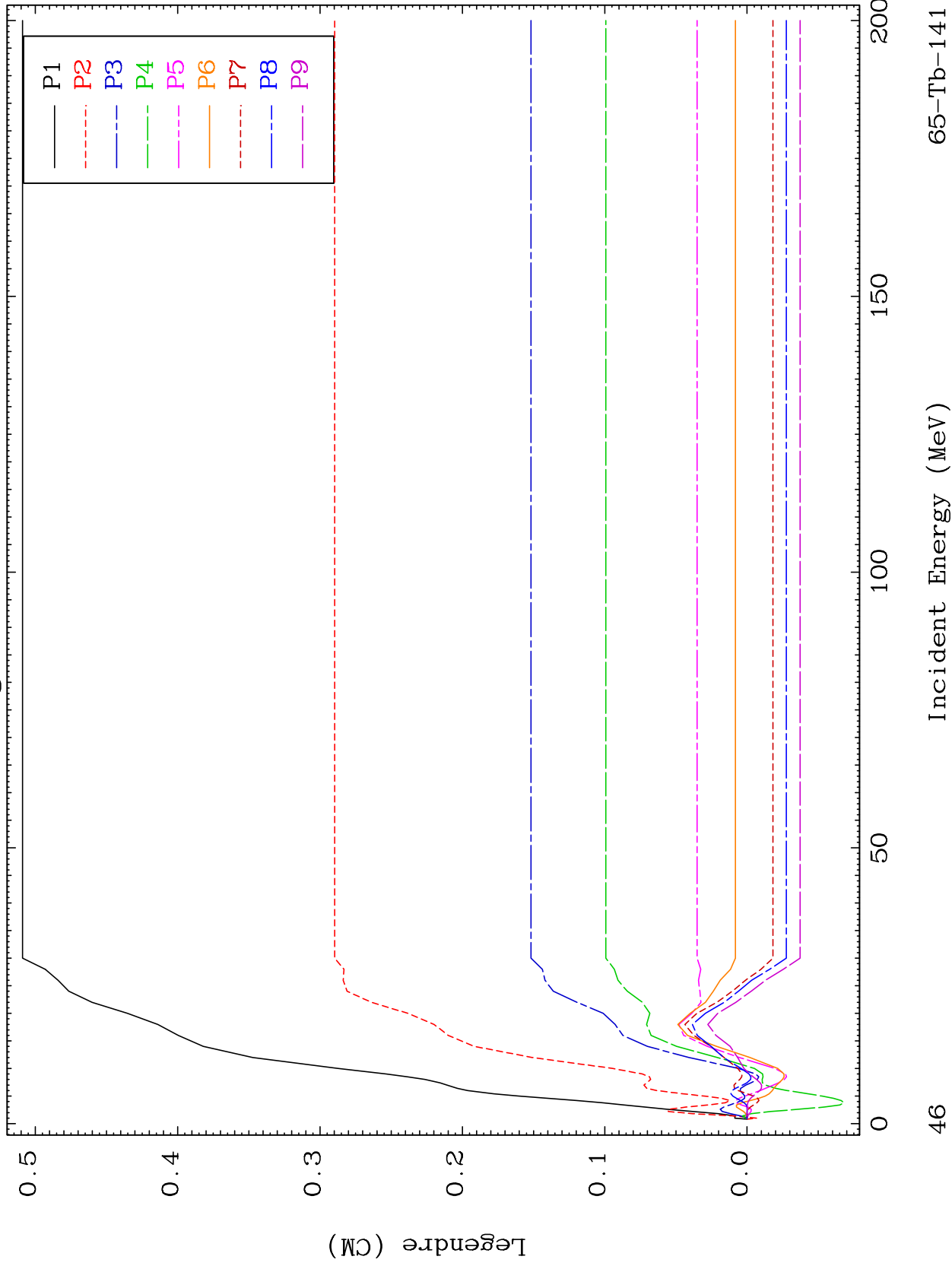
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MAT 6471

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

65-Tb-141



65-Tb-141

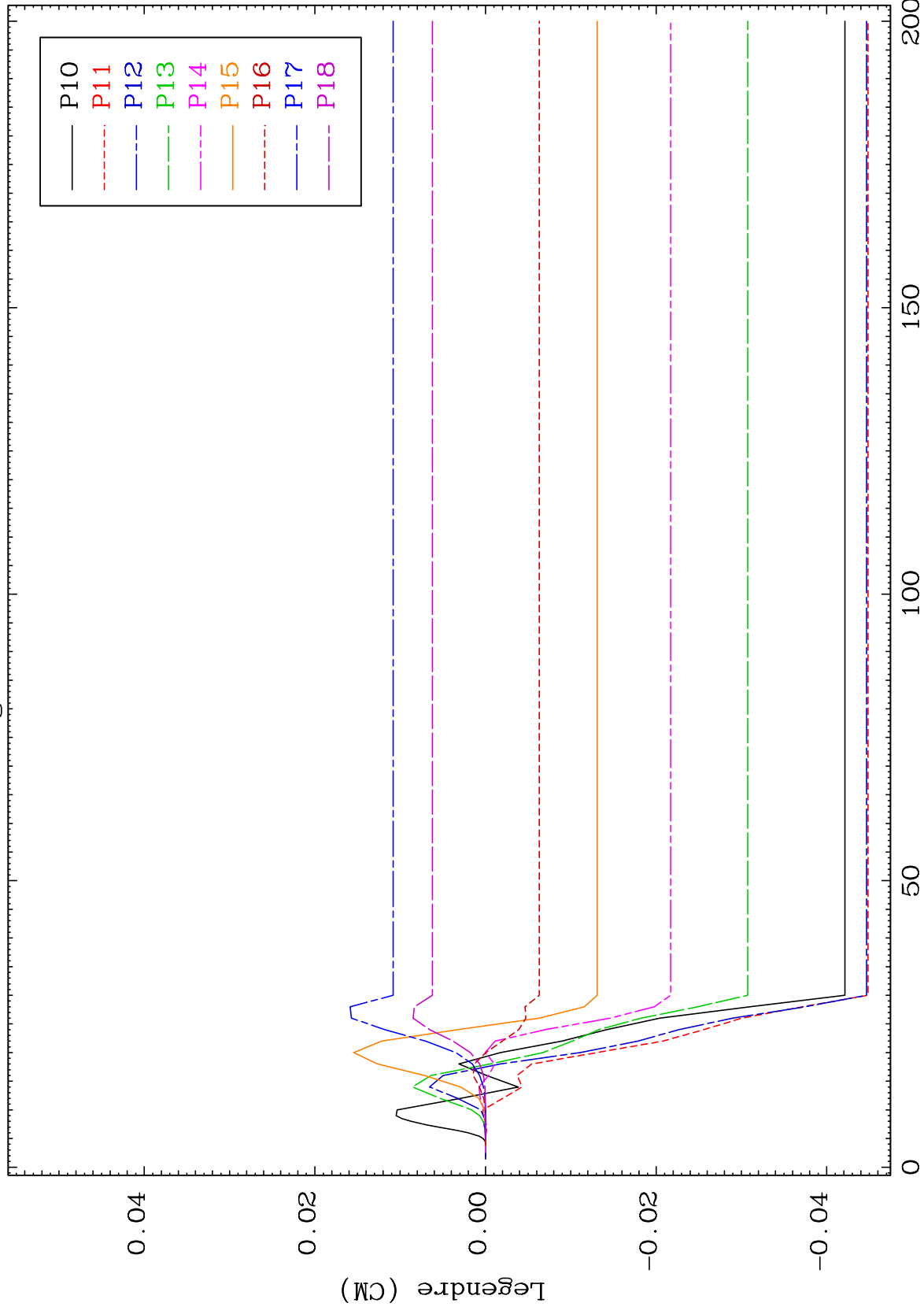
Incident Energy (MeV)

46

MAT 6471

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

65-Tb-141



47

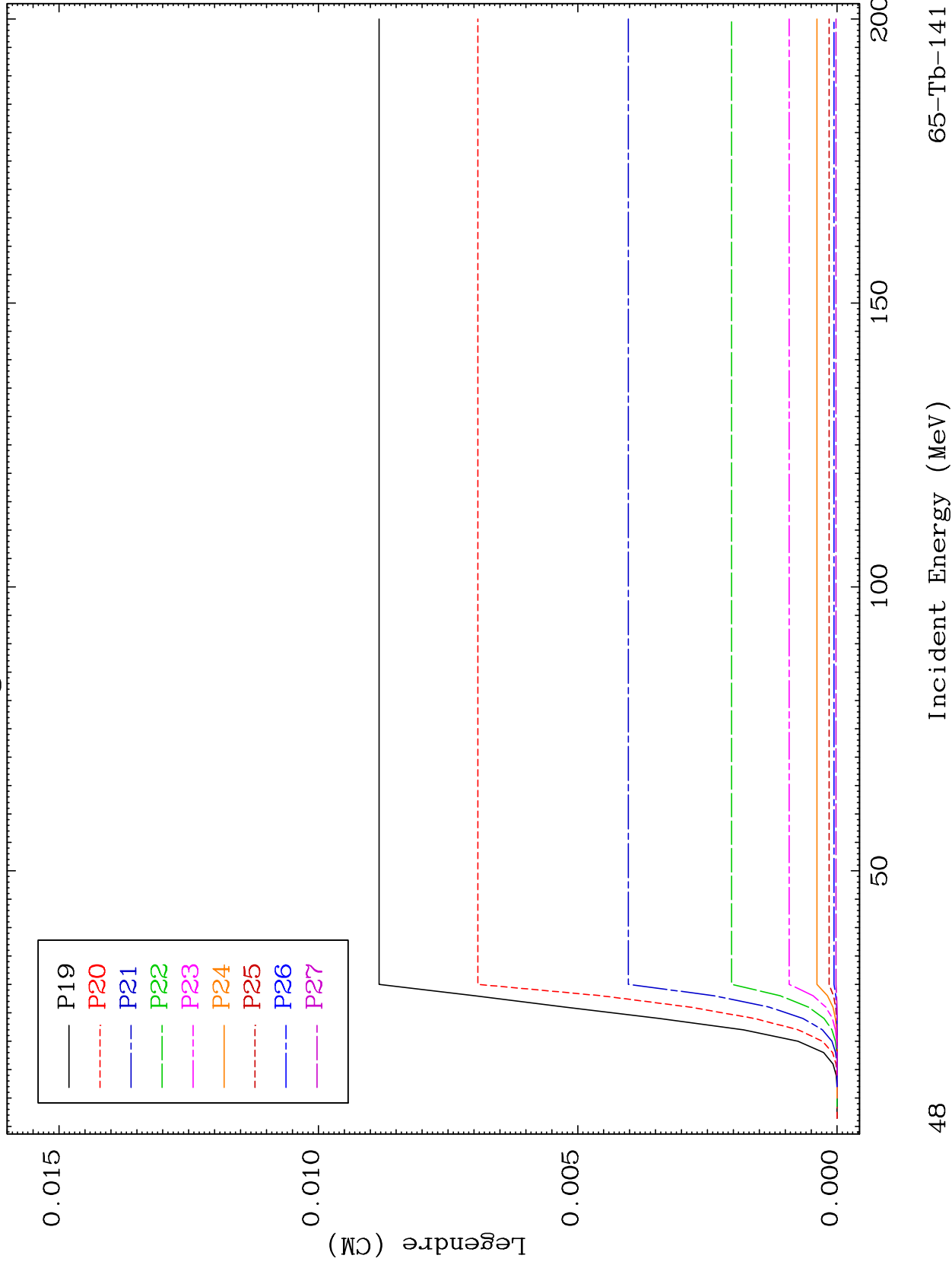
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



48

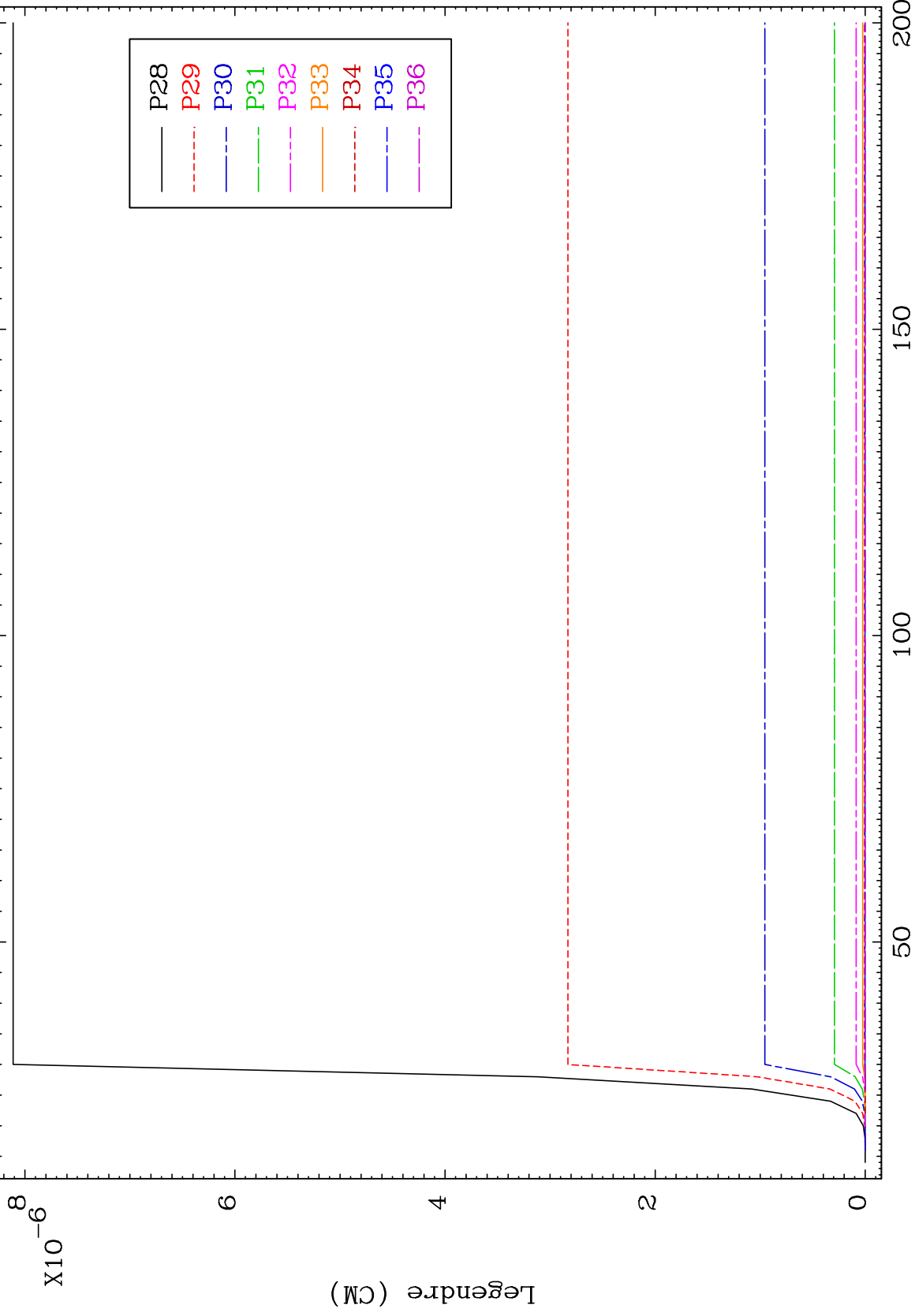
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

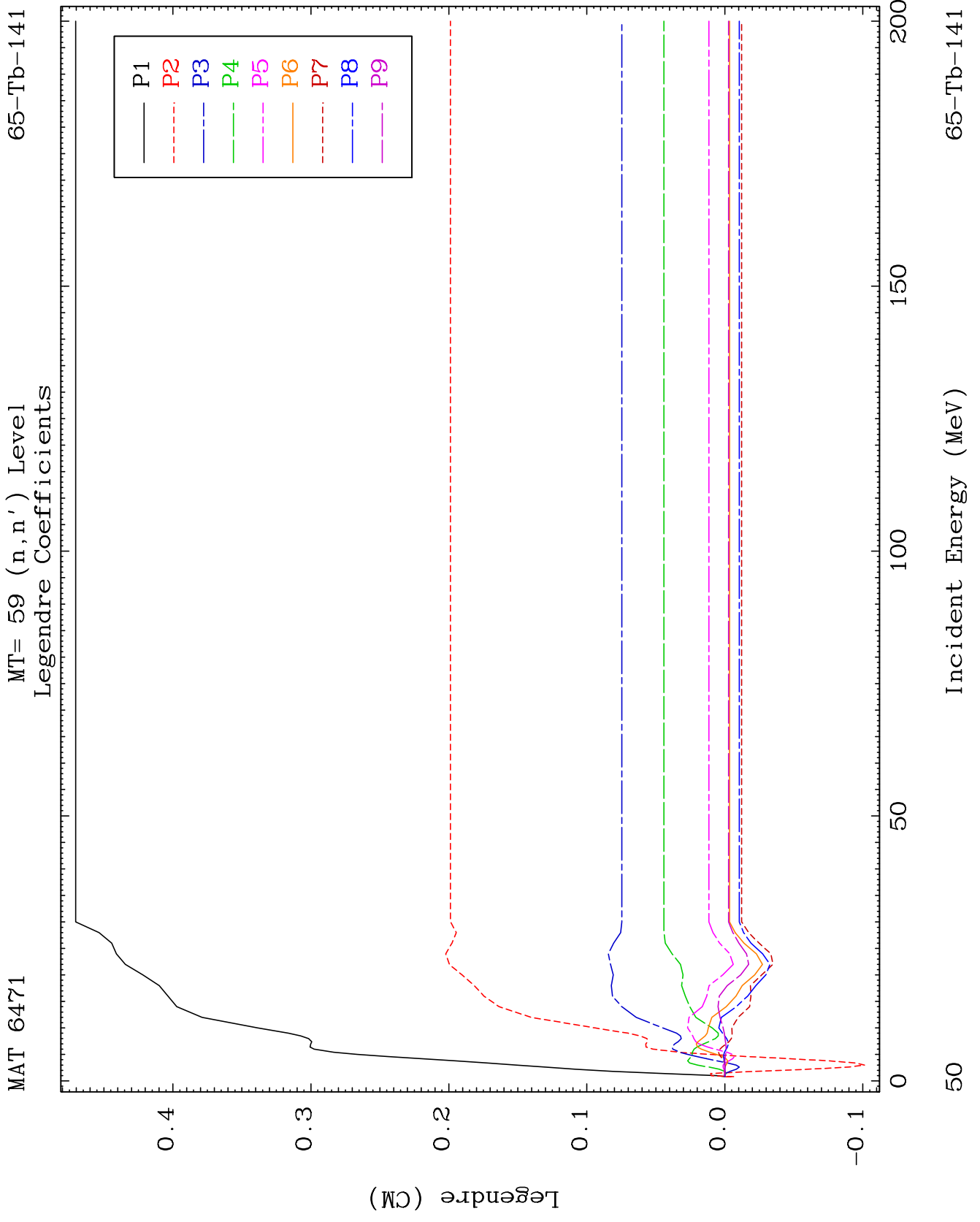
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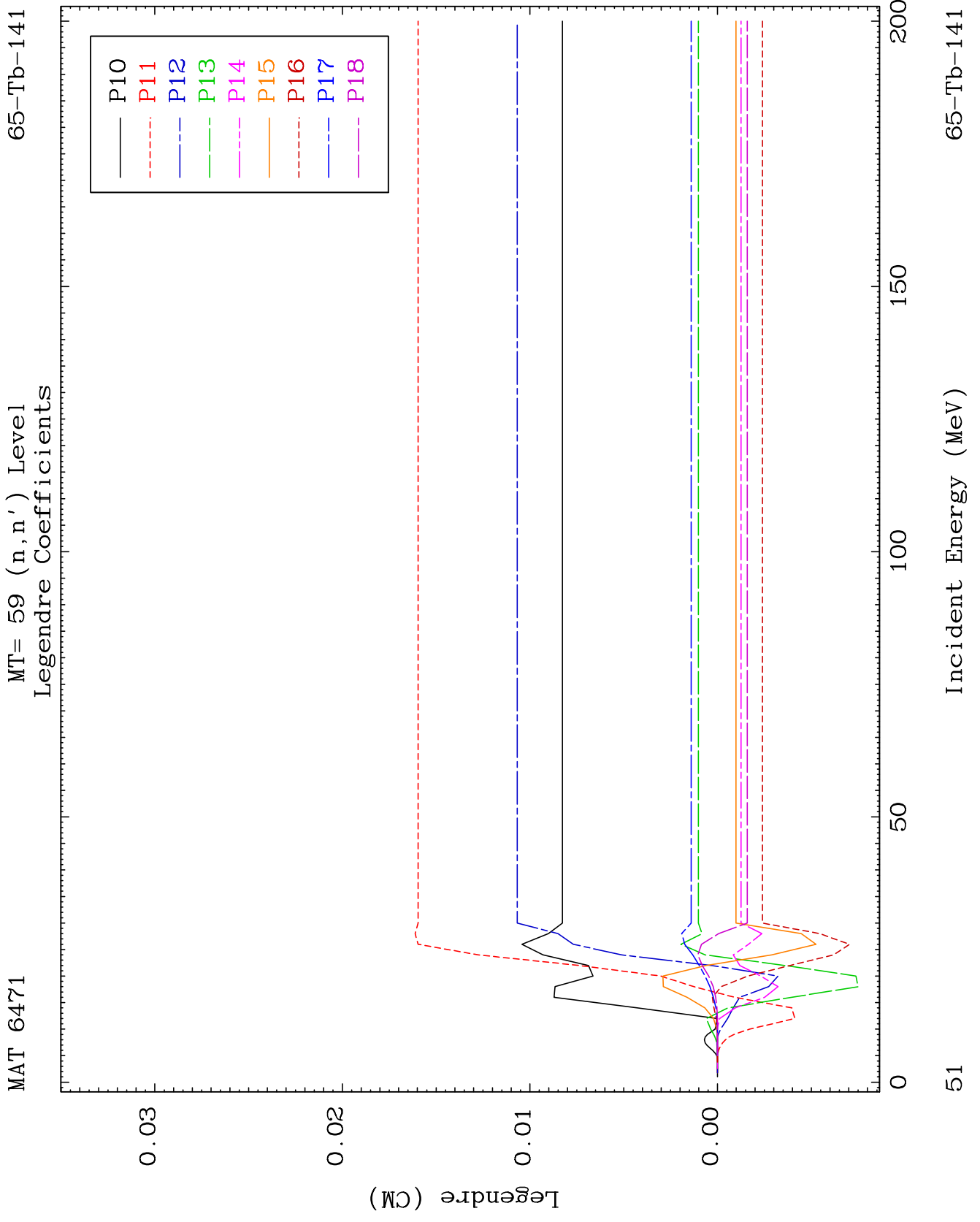


49

Incident Energy (MeV)

65-Tb-141

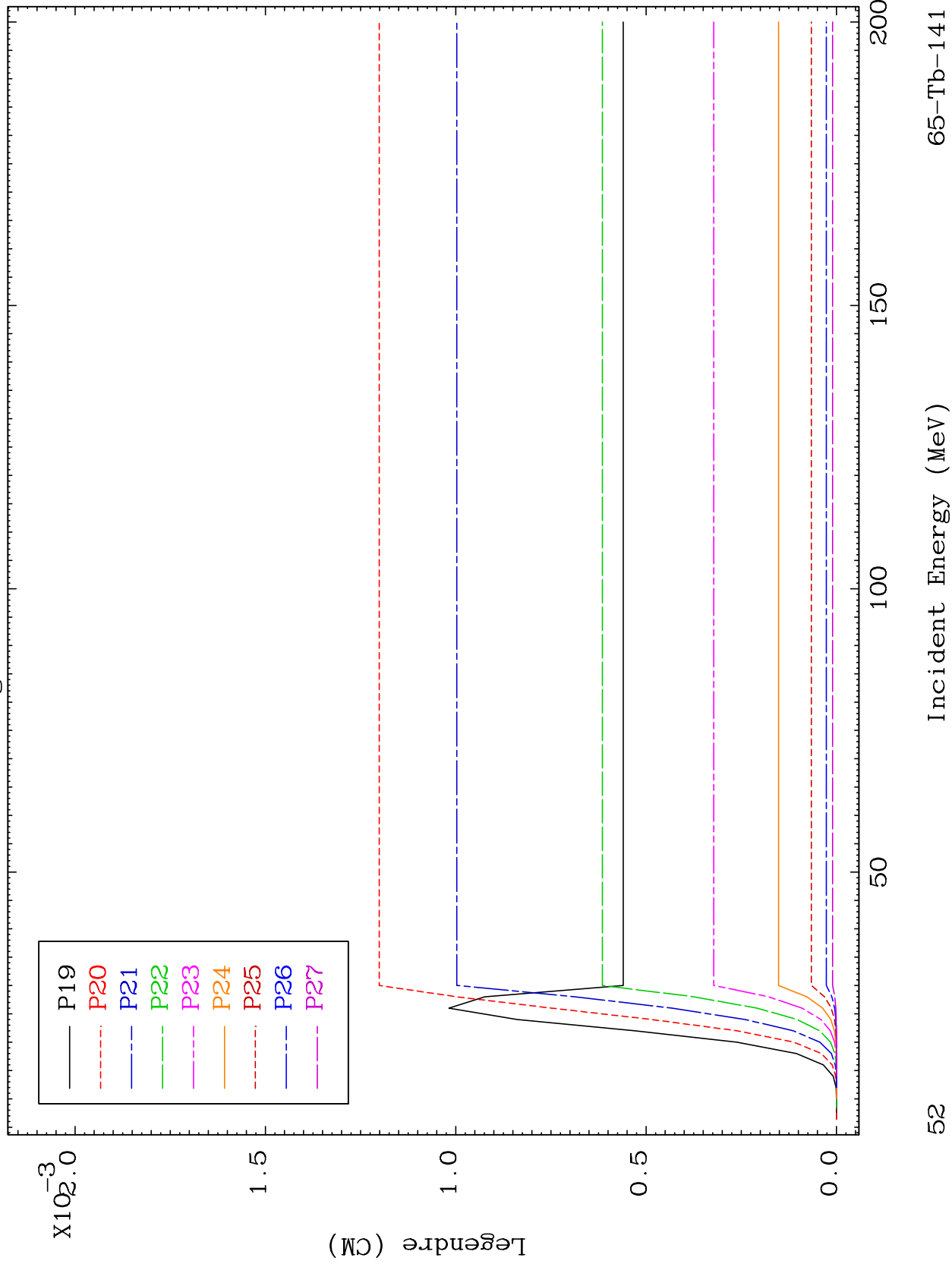




MAT 6471

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

65-Tb-141



52

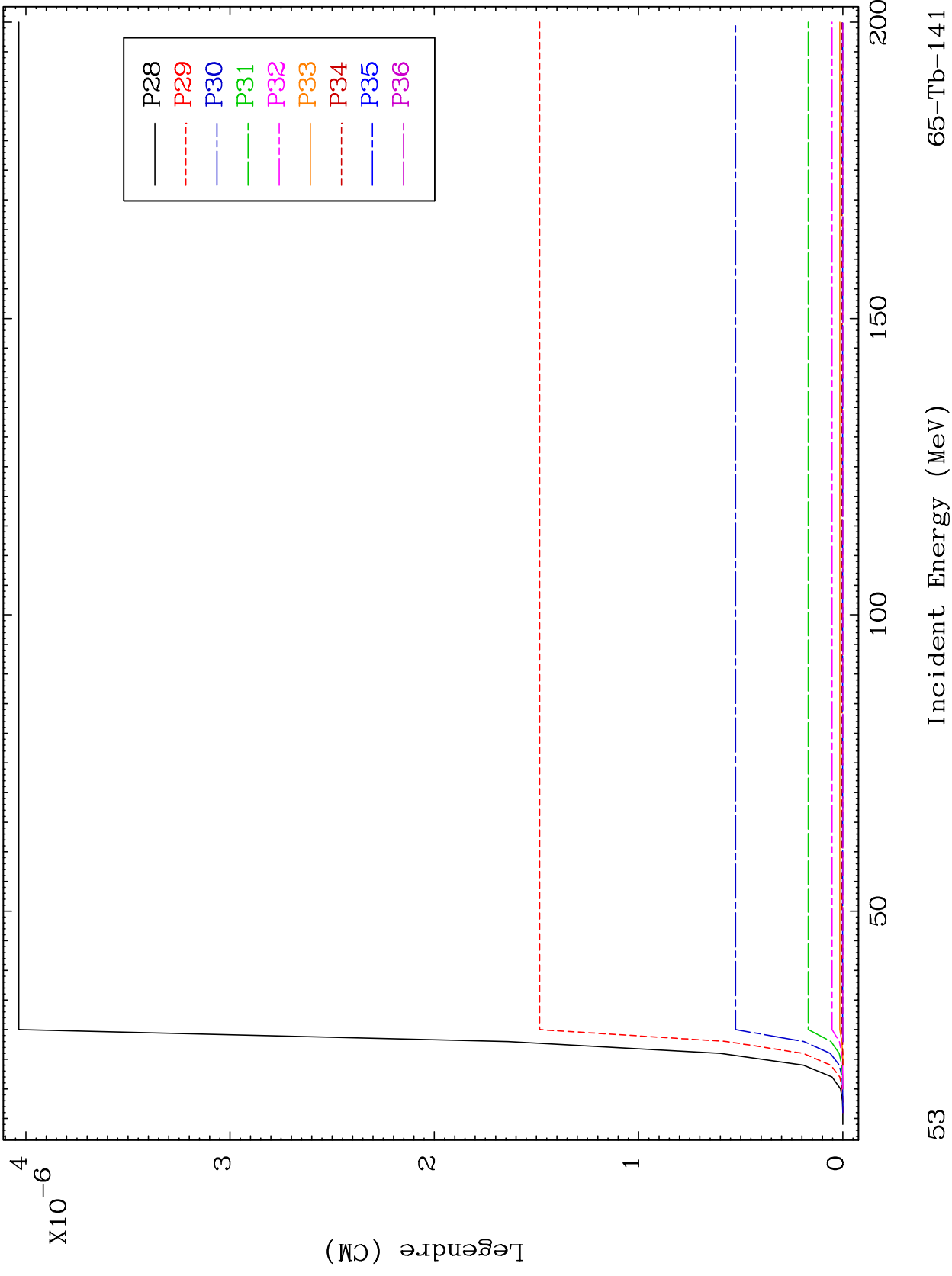
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



53

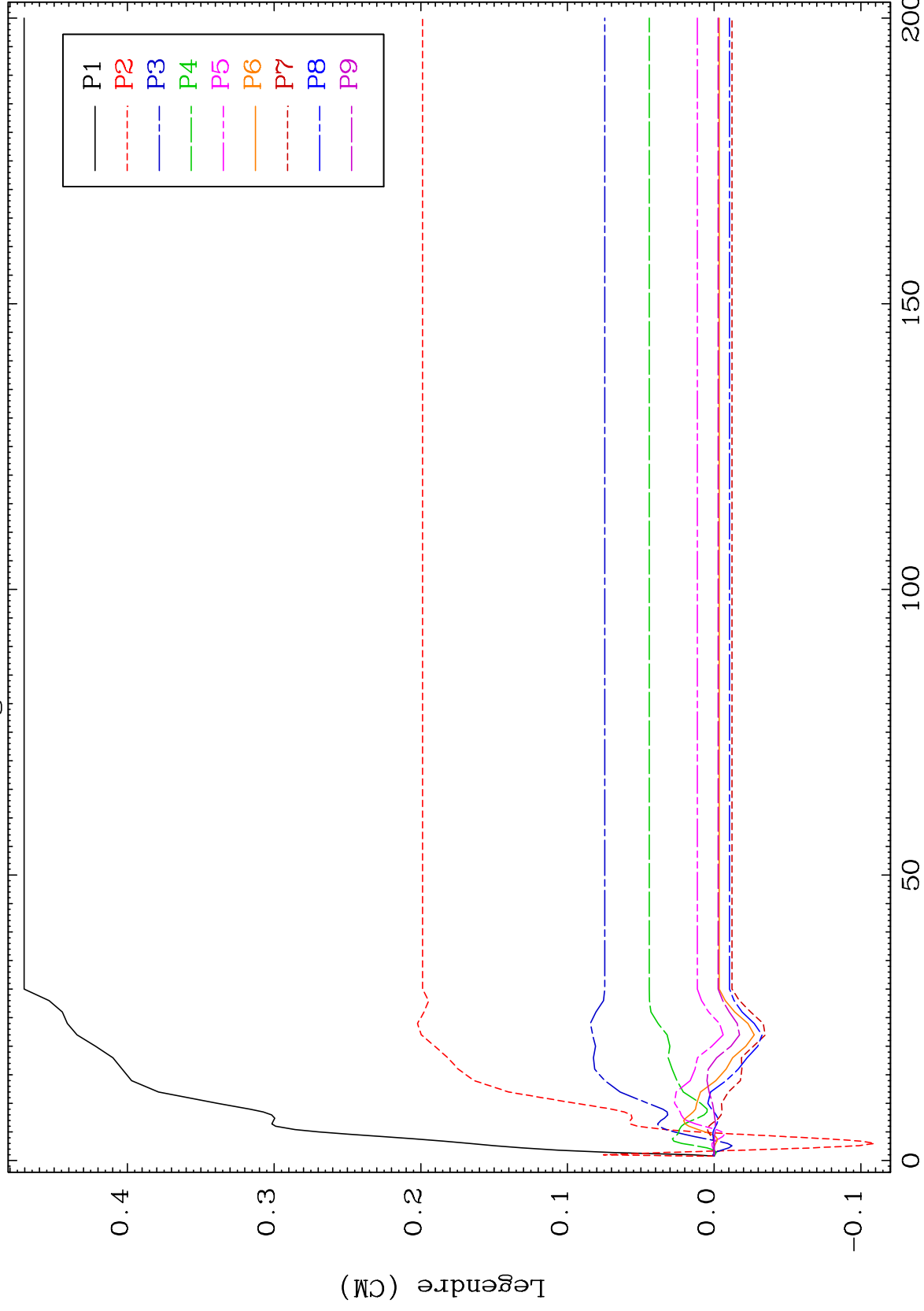
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

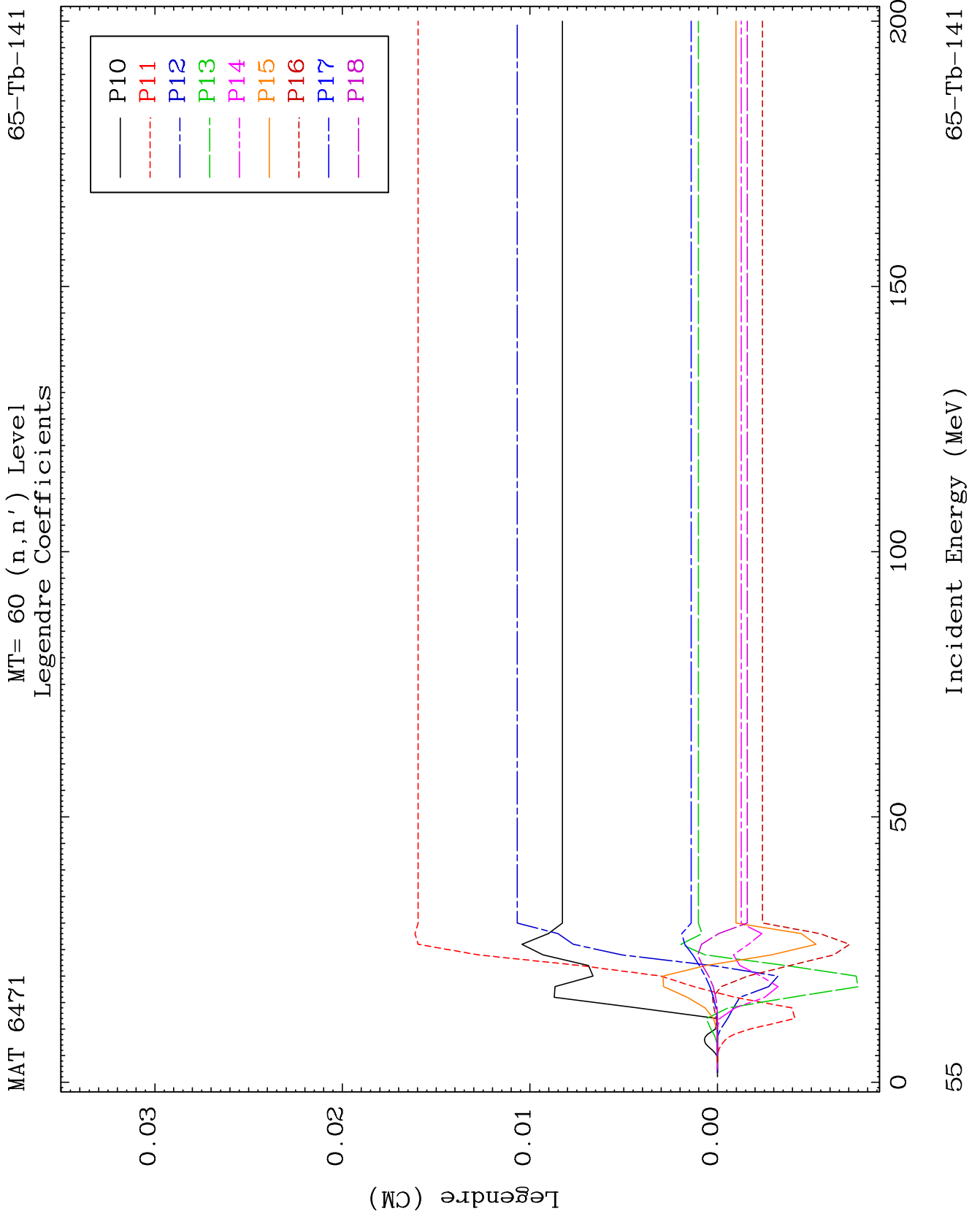
65-Tb-141



54

Incident Energy (MeV)

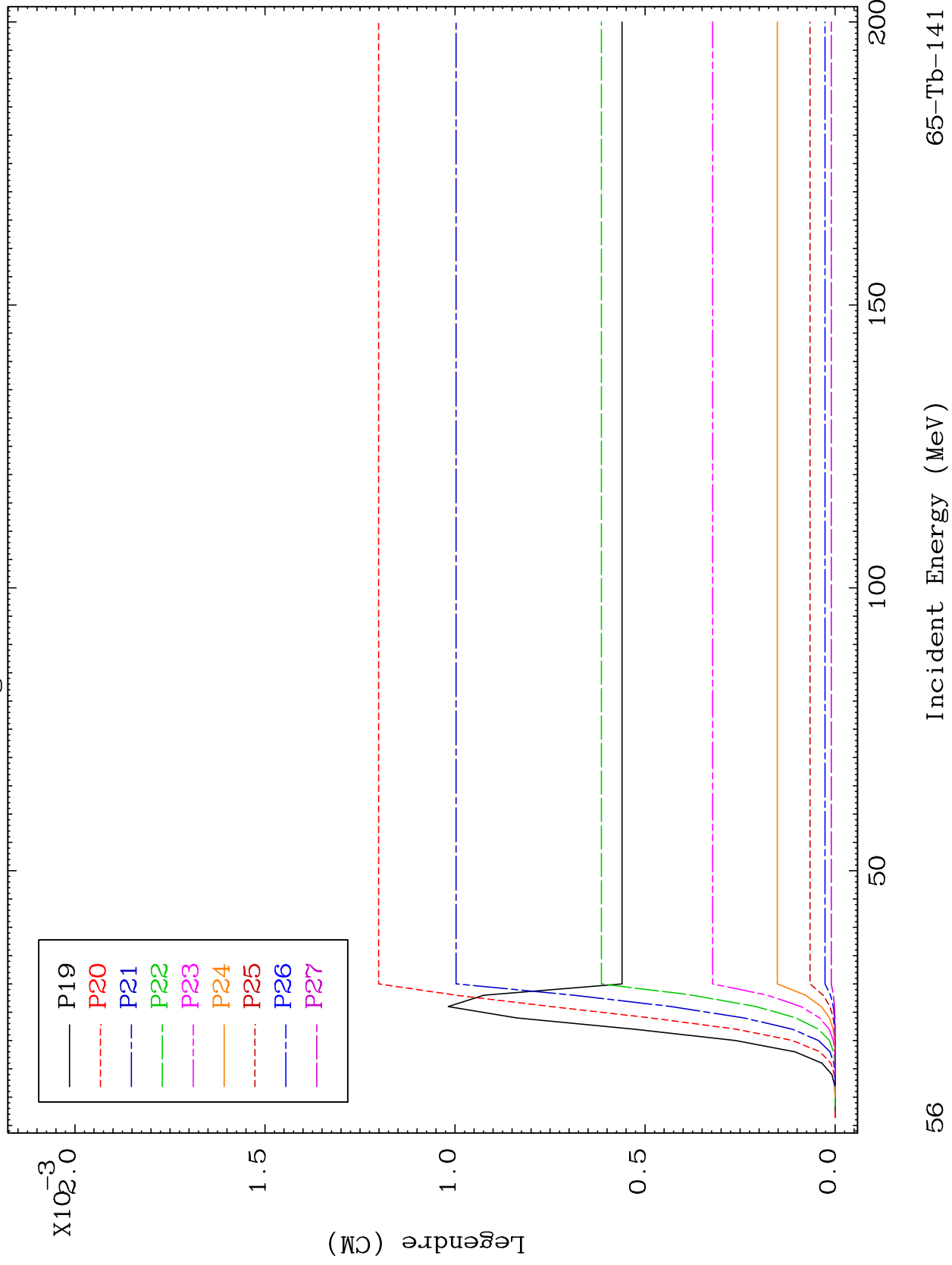
65-Tb-141



MAT 6471

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

65-Tb-141



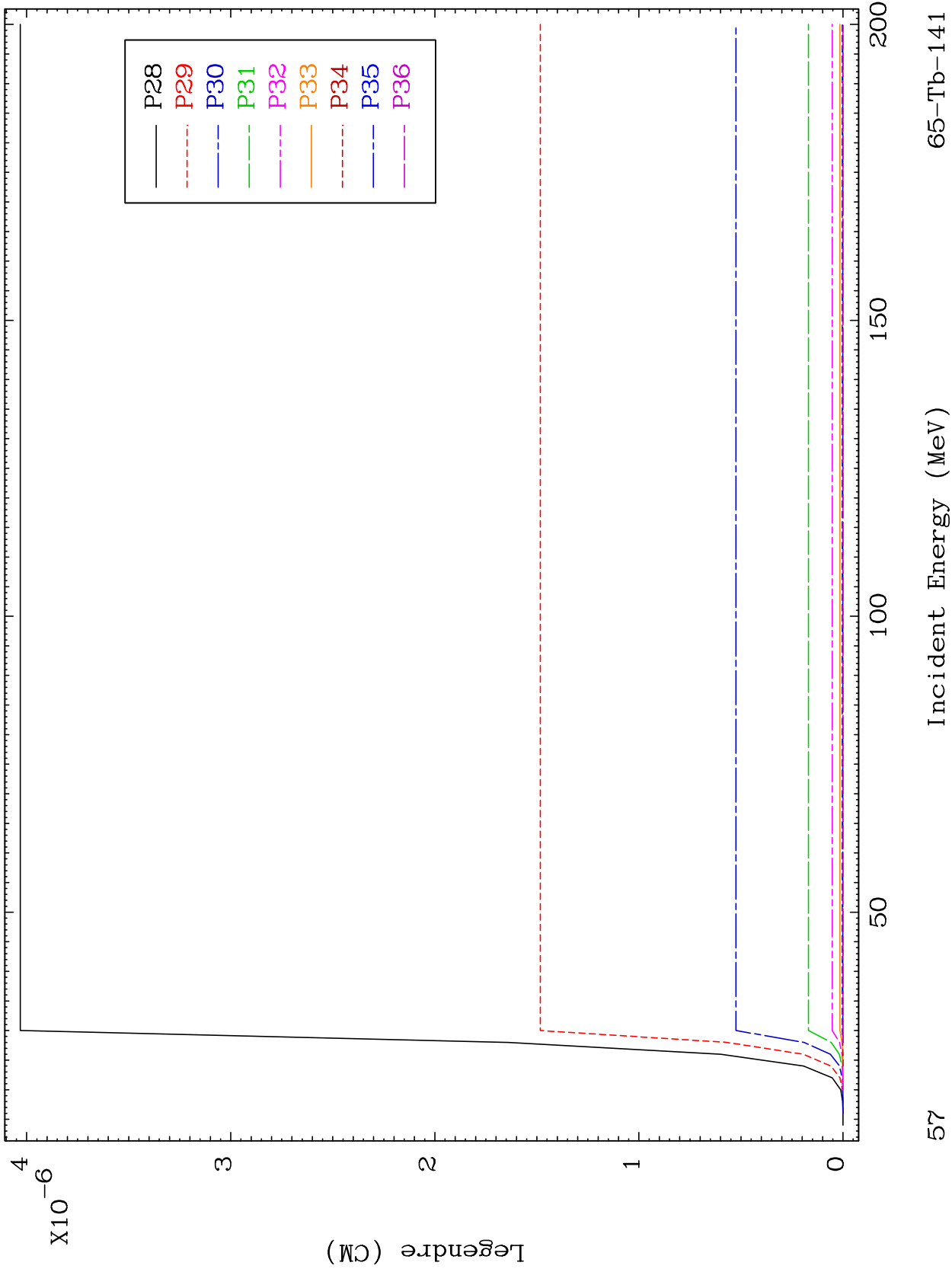
56

200

MAT 6471

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

65-Tb-141



57

Incident Energy (MeV)

65-Tb-141

200

150

100

50

4×10^{-6}

3

2

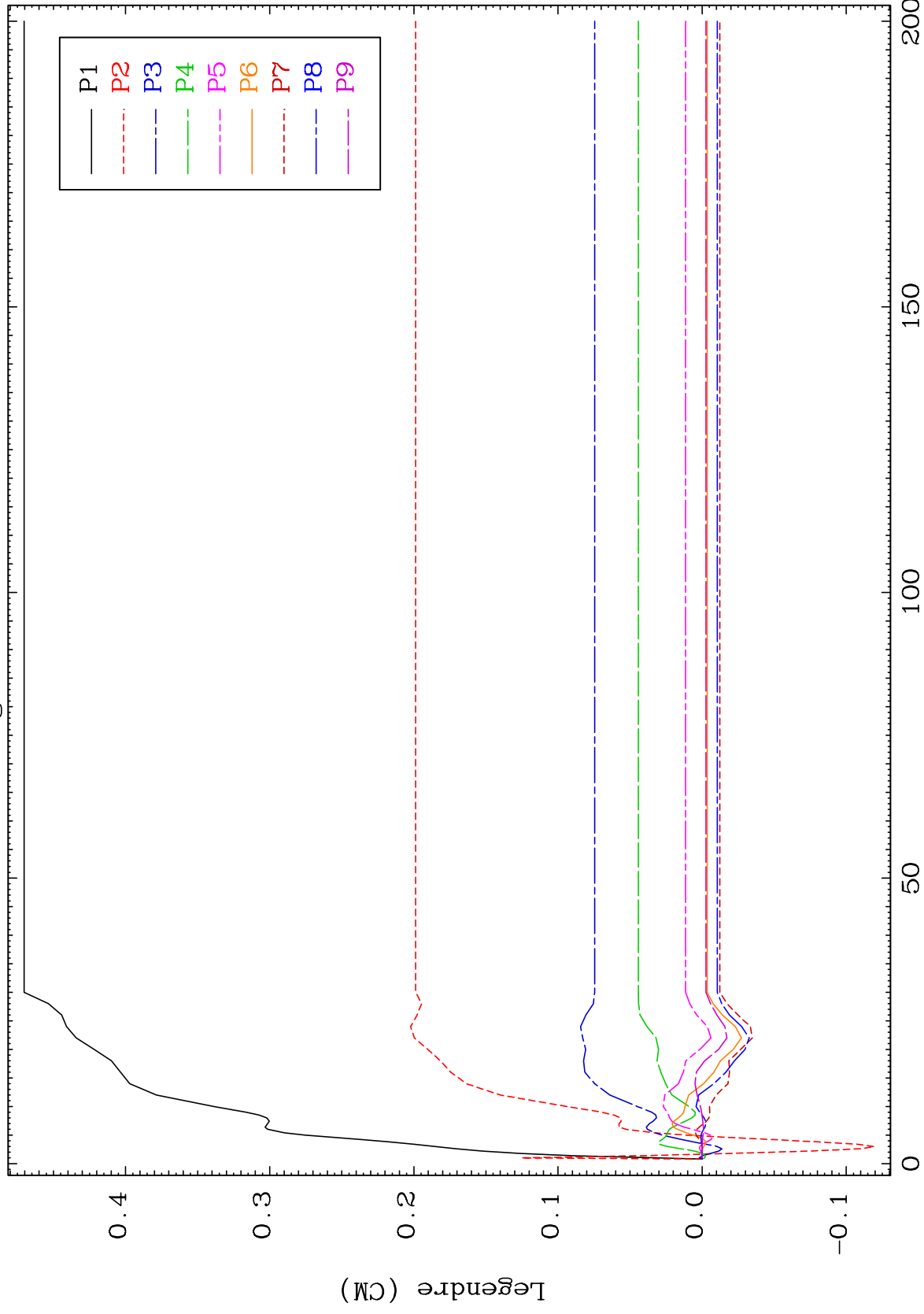
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MAT 6471

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

65-Tb-141



58

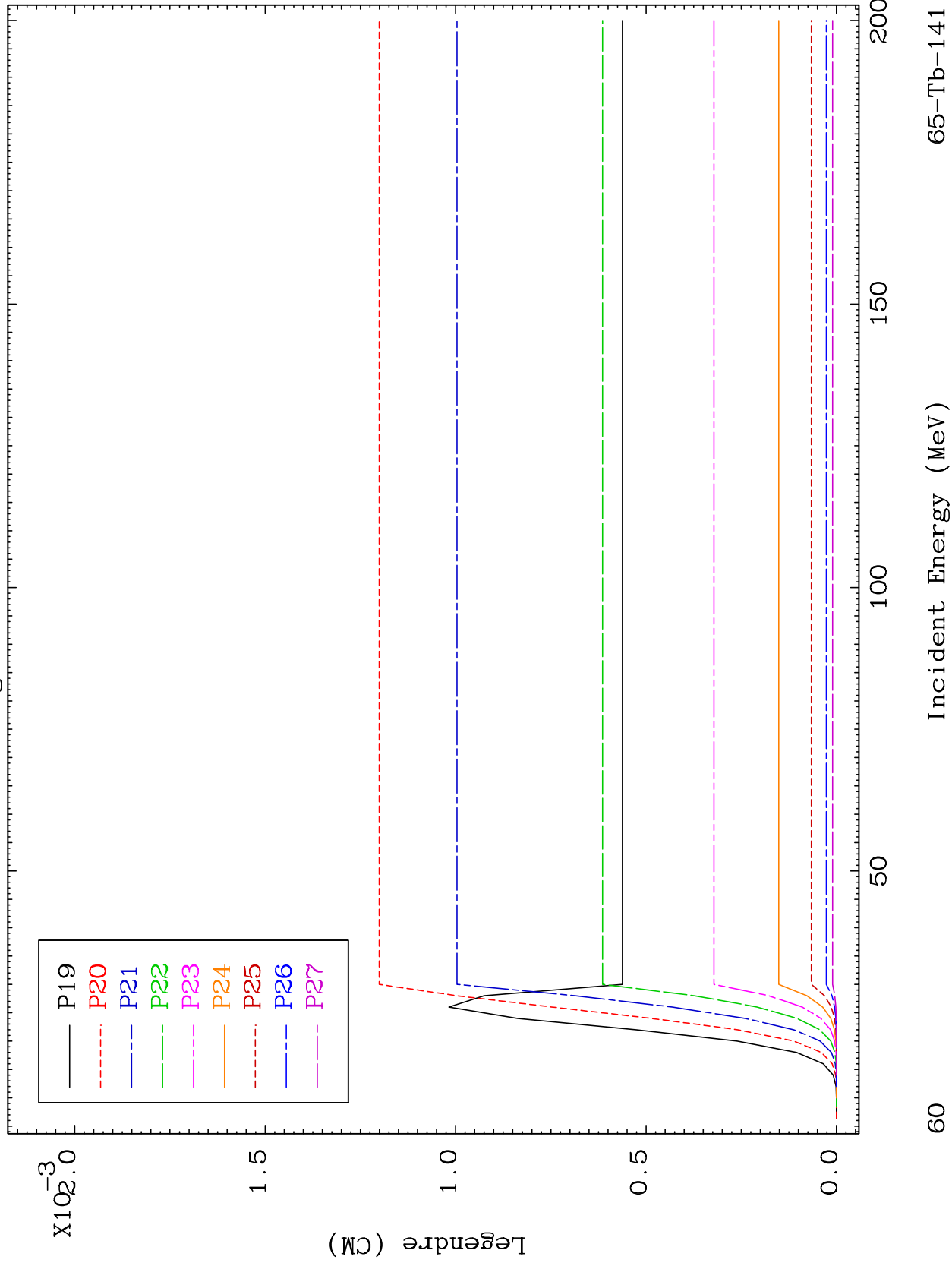
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



60

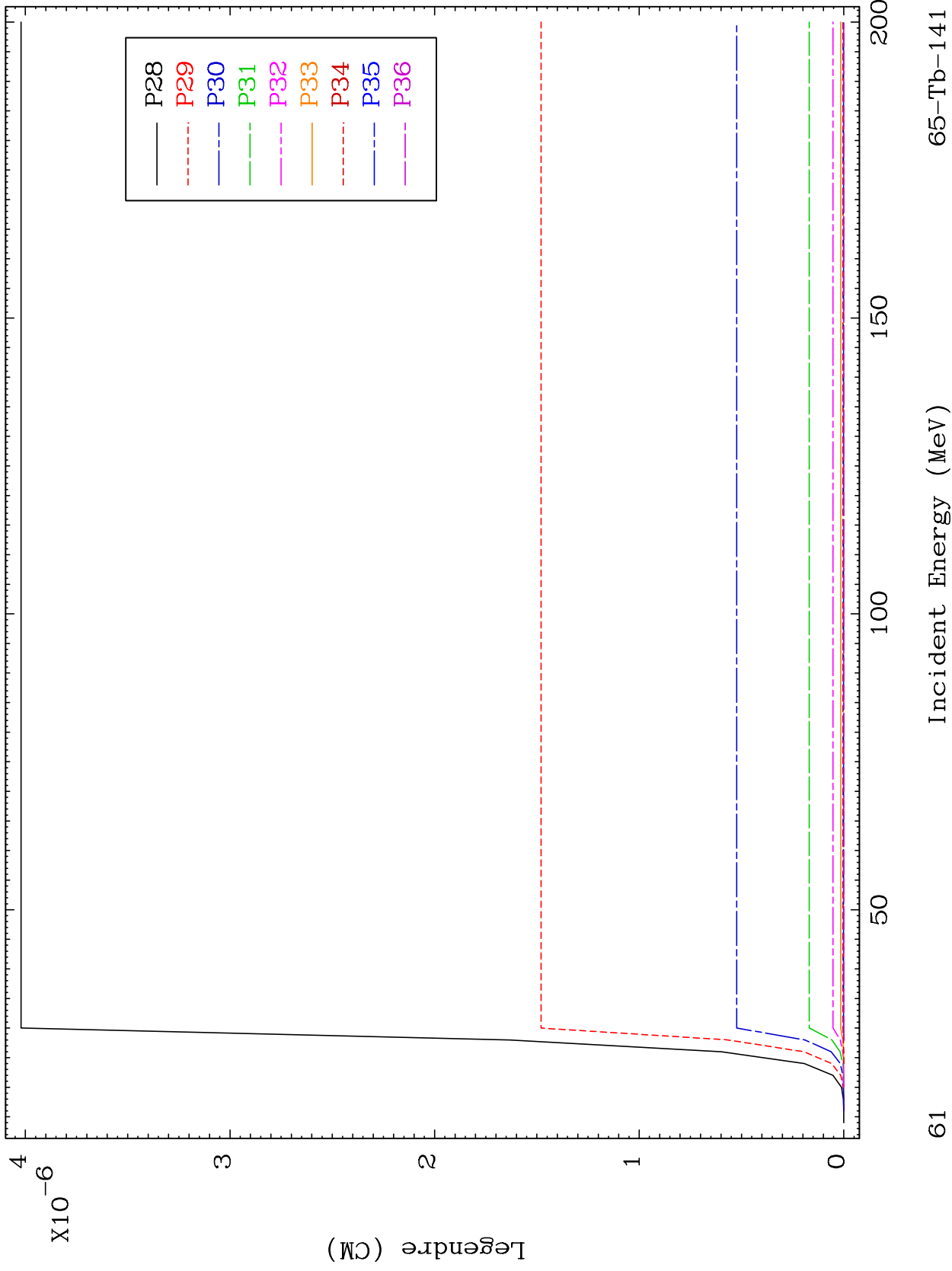
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

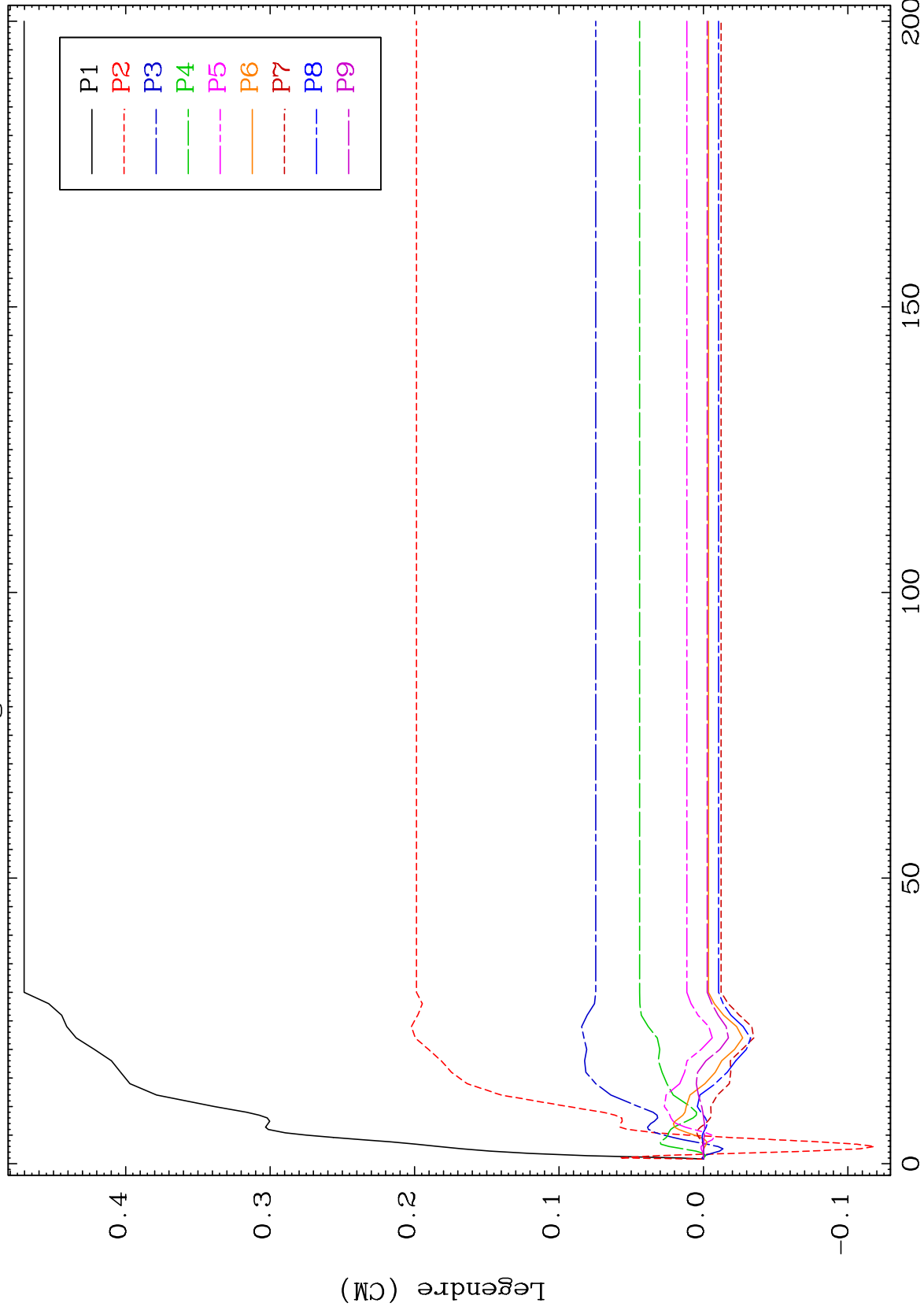
65-Tb-141



MAT 6471

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

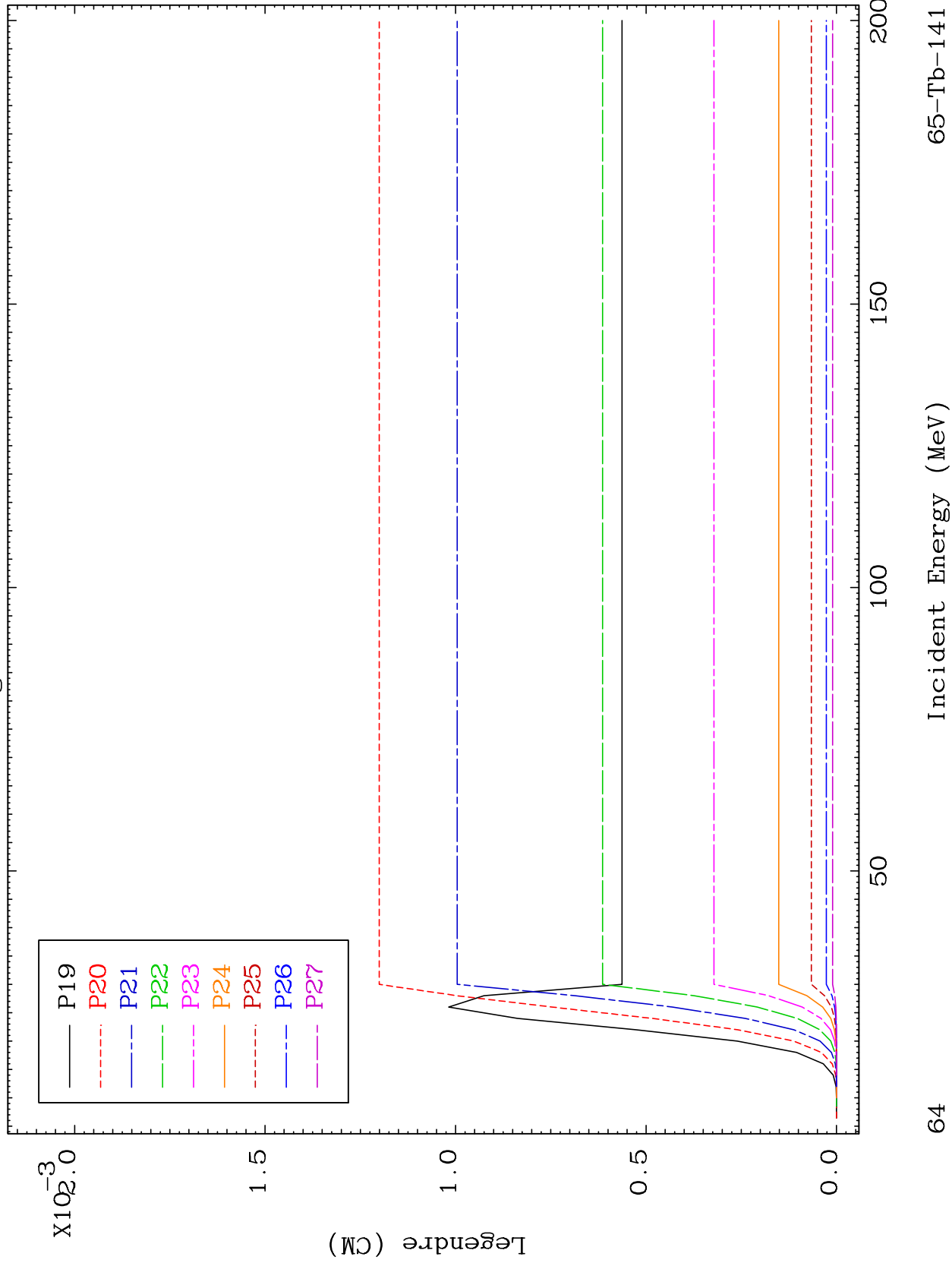
65-Tb-141



MAT 6471

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

65-Tb-141



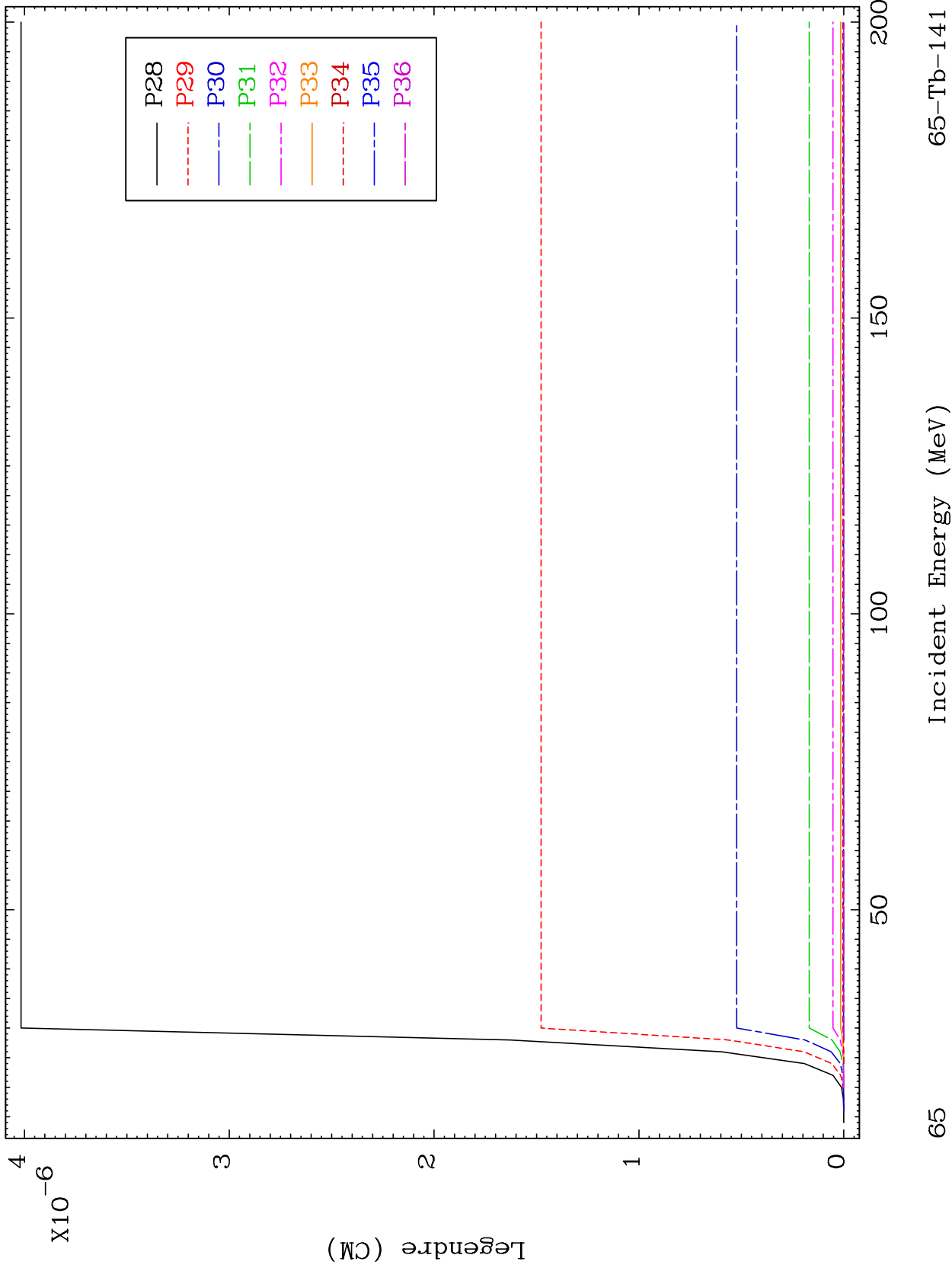
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65-Tb-141

MAT 6471

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

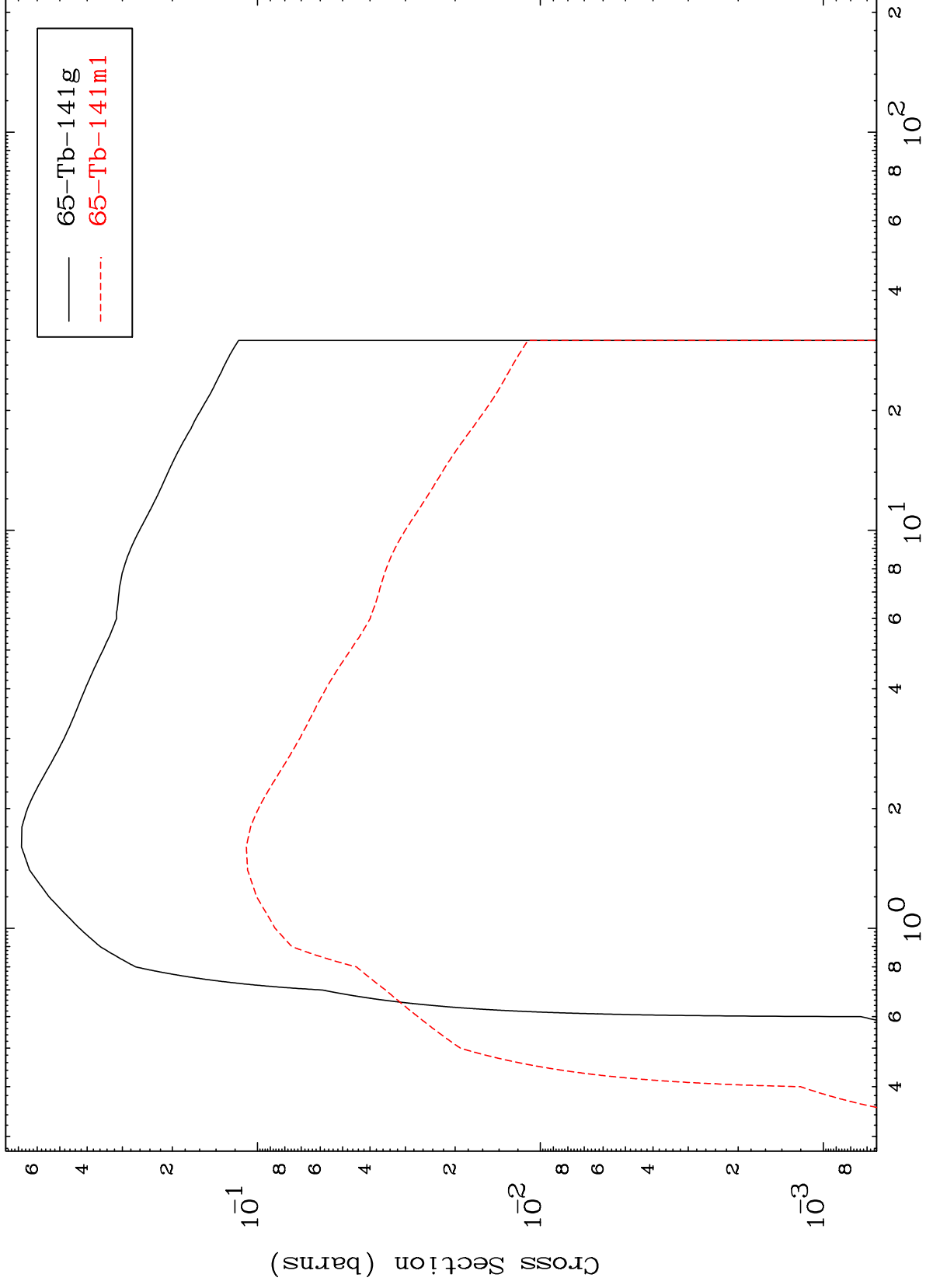
65-Tb-141



MAT 6471

65-Tb-141

Inelastic
Radionuclide Production Cross Section



66

Incident Energy (MeV)

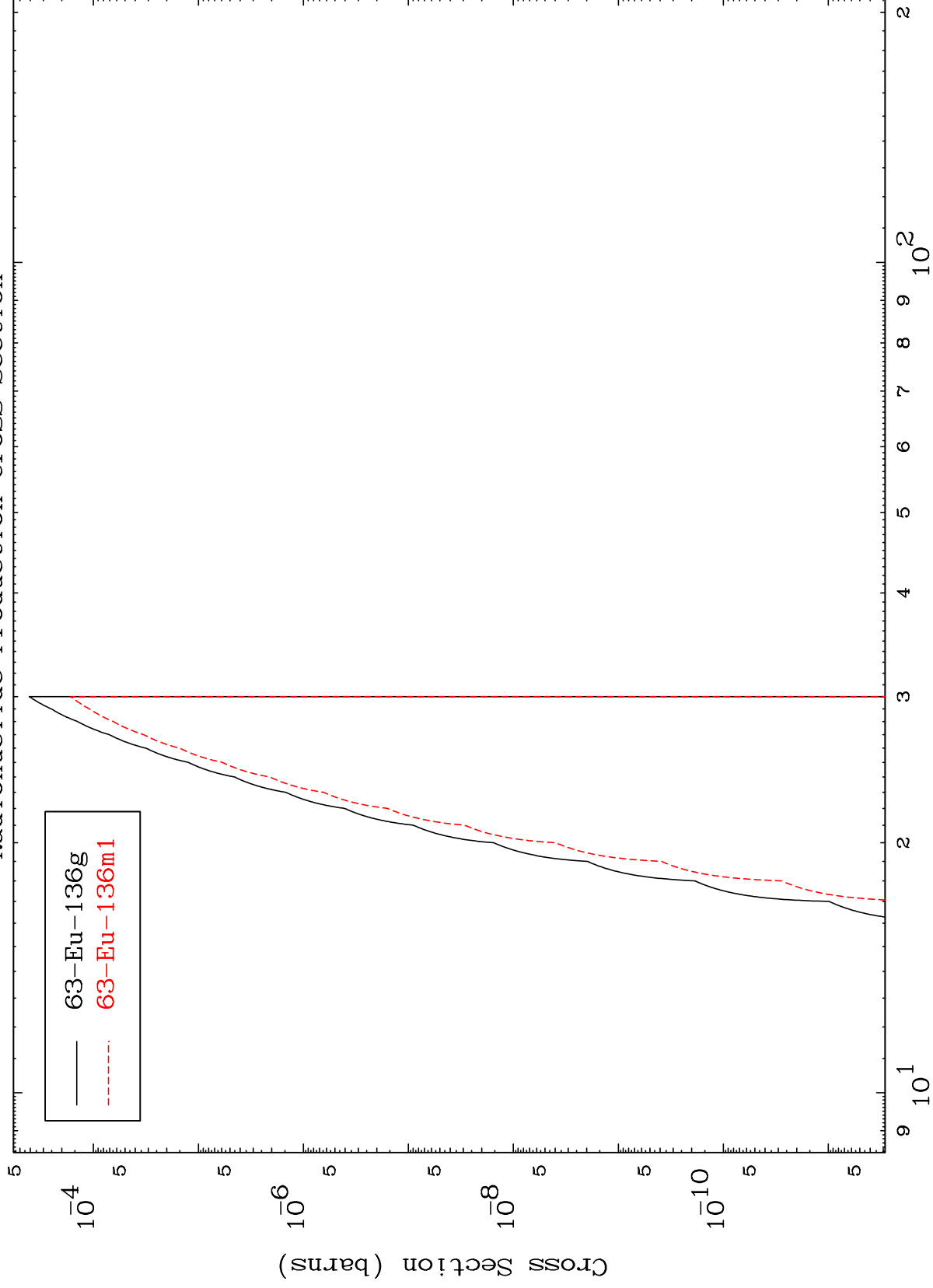
65-Tb-141

MAT 6471

(n,2n) α

65-Tb-141

Radionuclide Production Cross Section



65-Tb-141

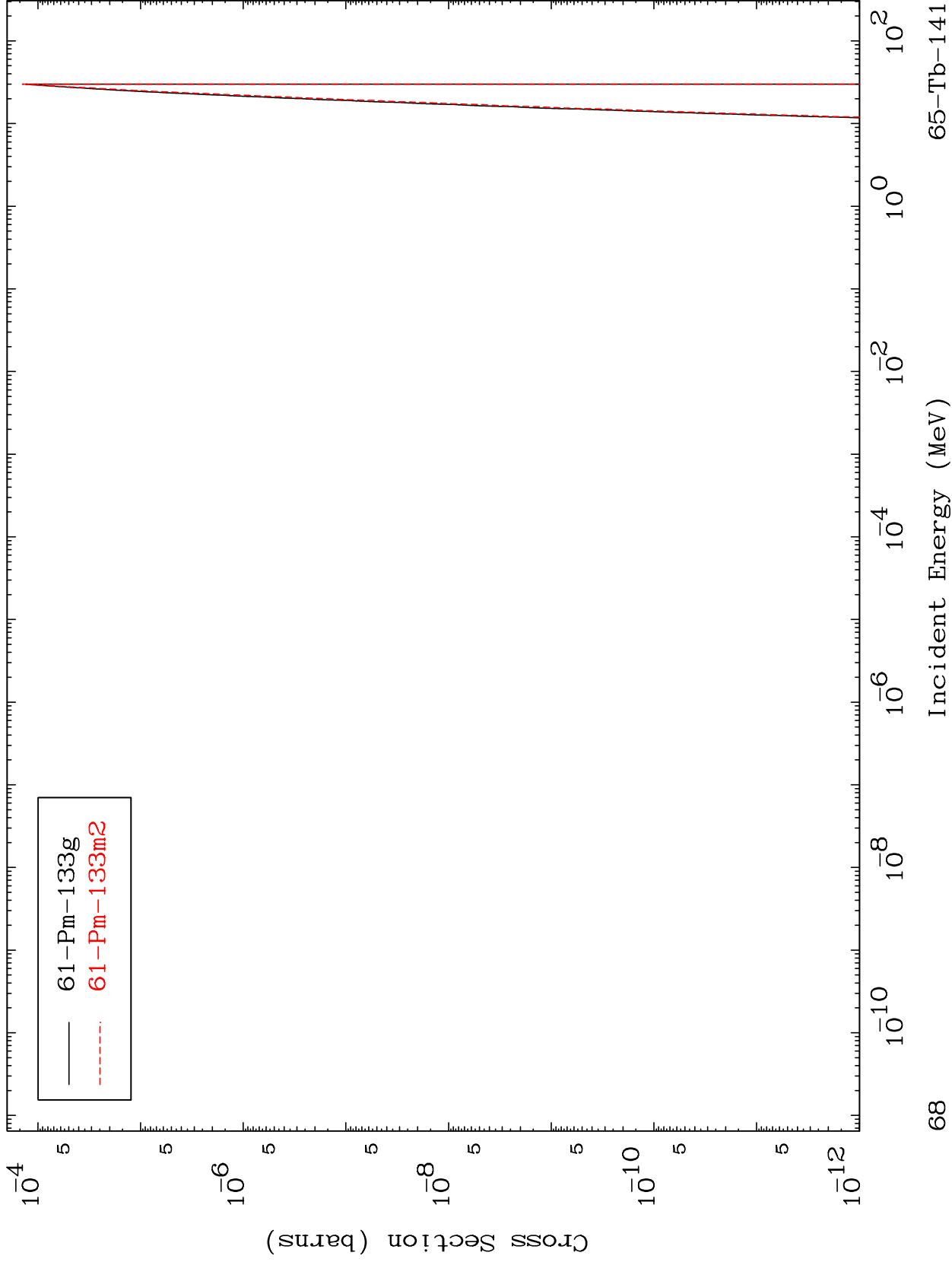
67

MAT 6471

(n,n') 2 α

65-Tb-141

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

68

Incident Energy (MeV)

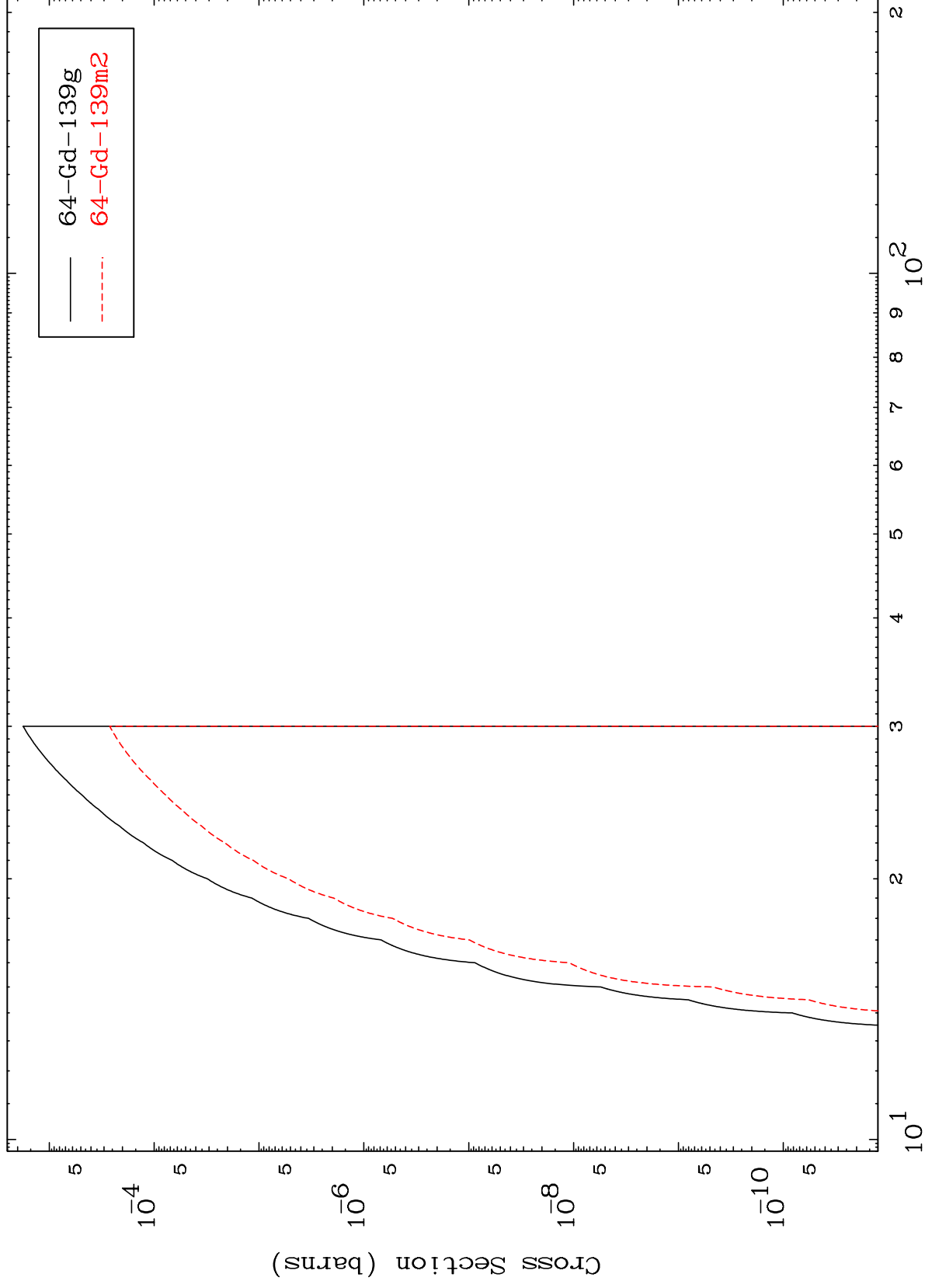
65-Tb-141

MAT 6471

(n,n') d

65-Tb-141

Radionuclide Production Cross Section



69

Incident Energy (MeV)

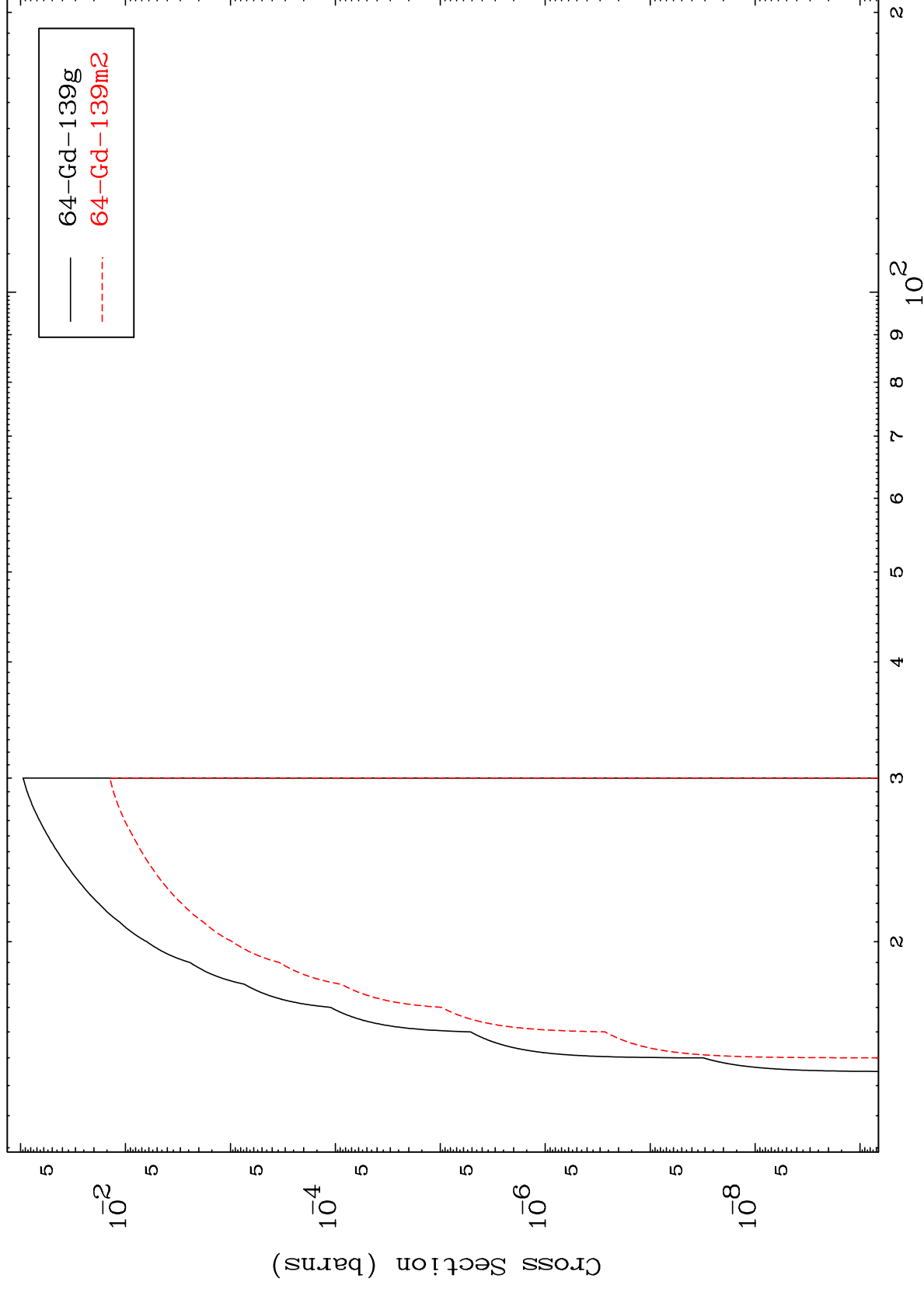
65-Tb-141

MAT 6471

(n,2n) p

65-Tb-141

Radionuclide Production Cross Section



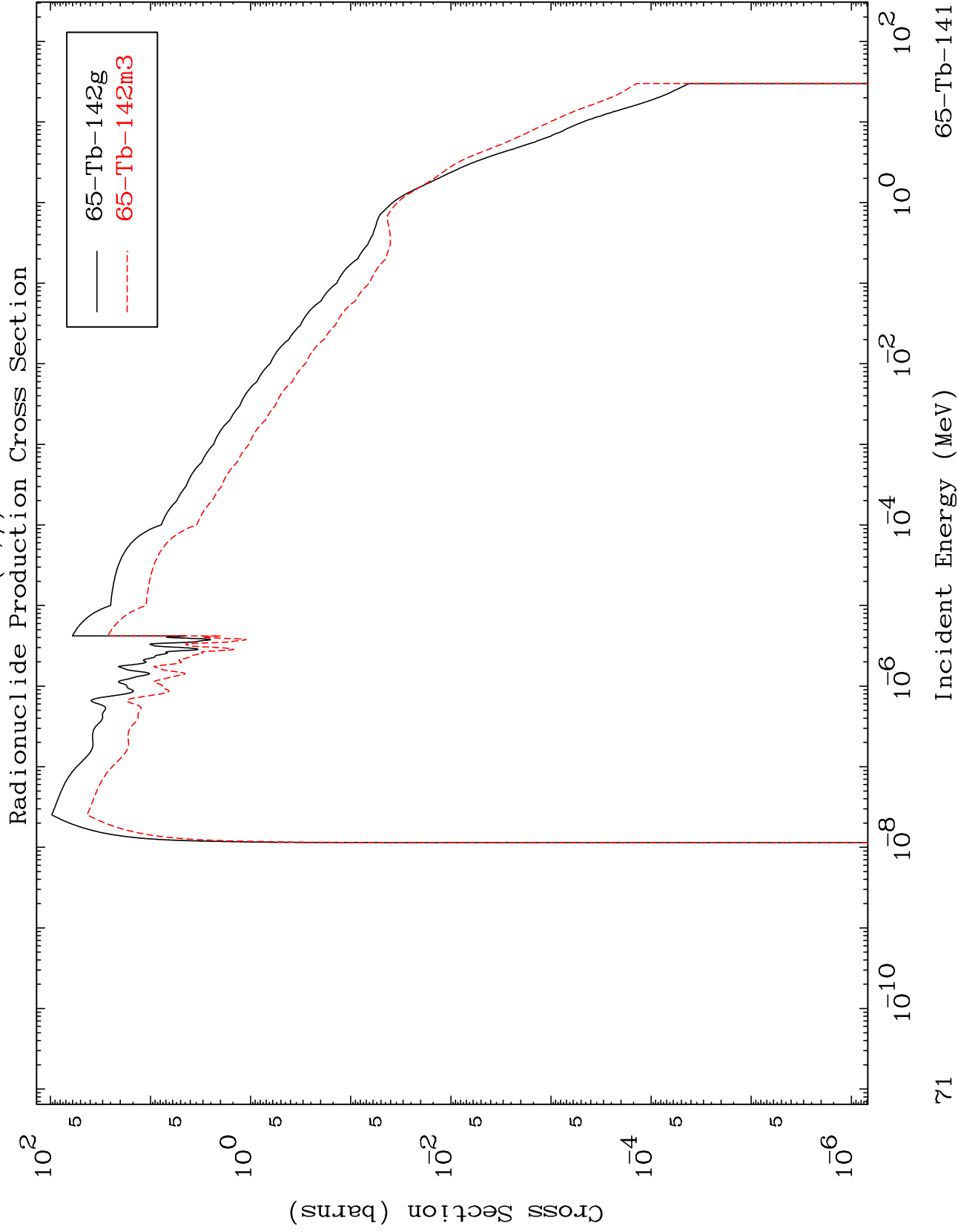
70

Incident Energy (MeV)

65-Tb-141

MAT 6471

65-Tb-141

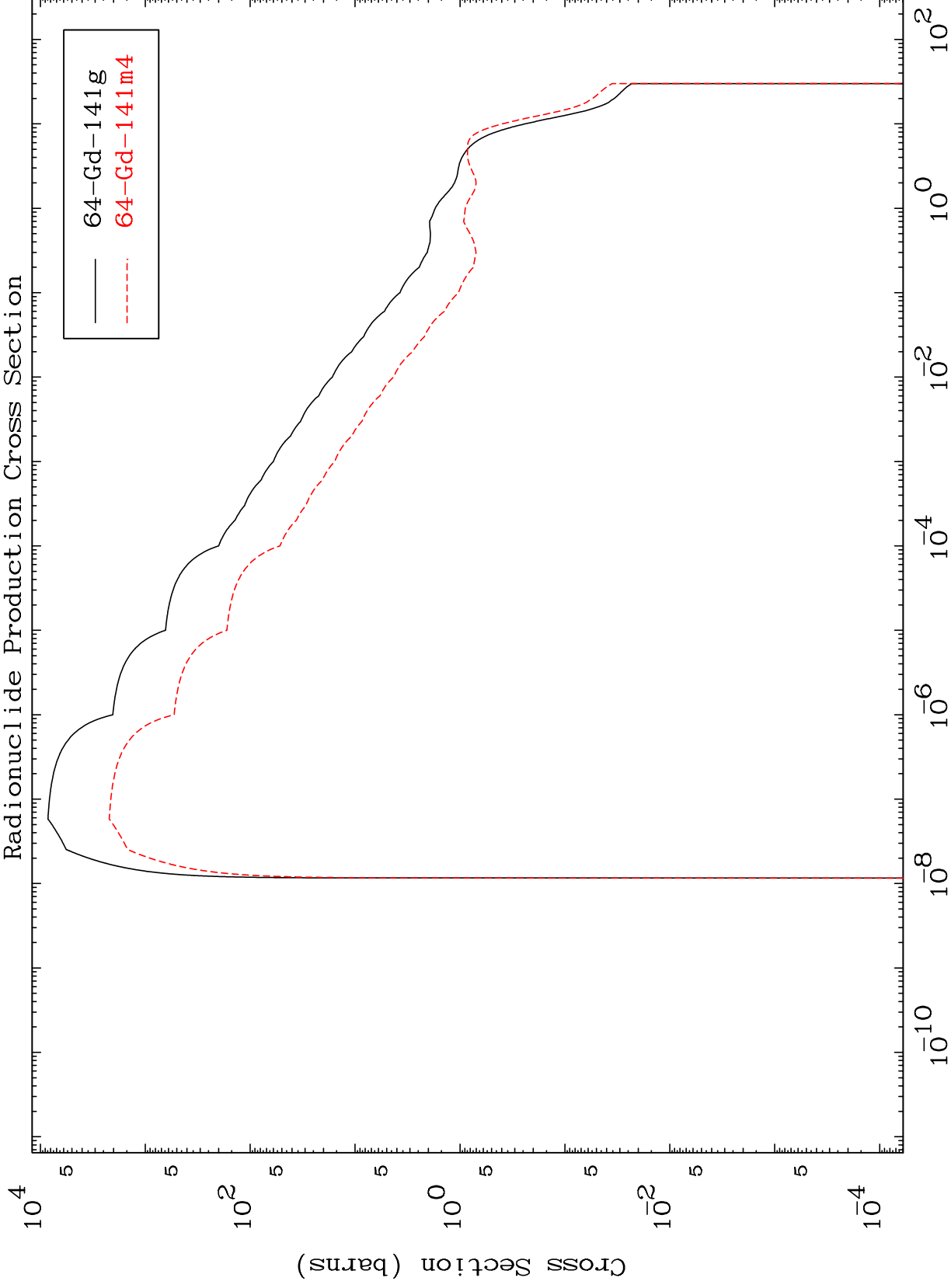


71

MAT 6471

65-Tb-141

(n,p)
Radionuclide Production Cross Section



72

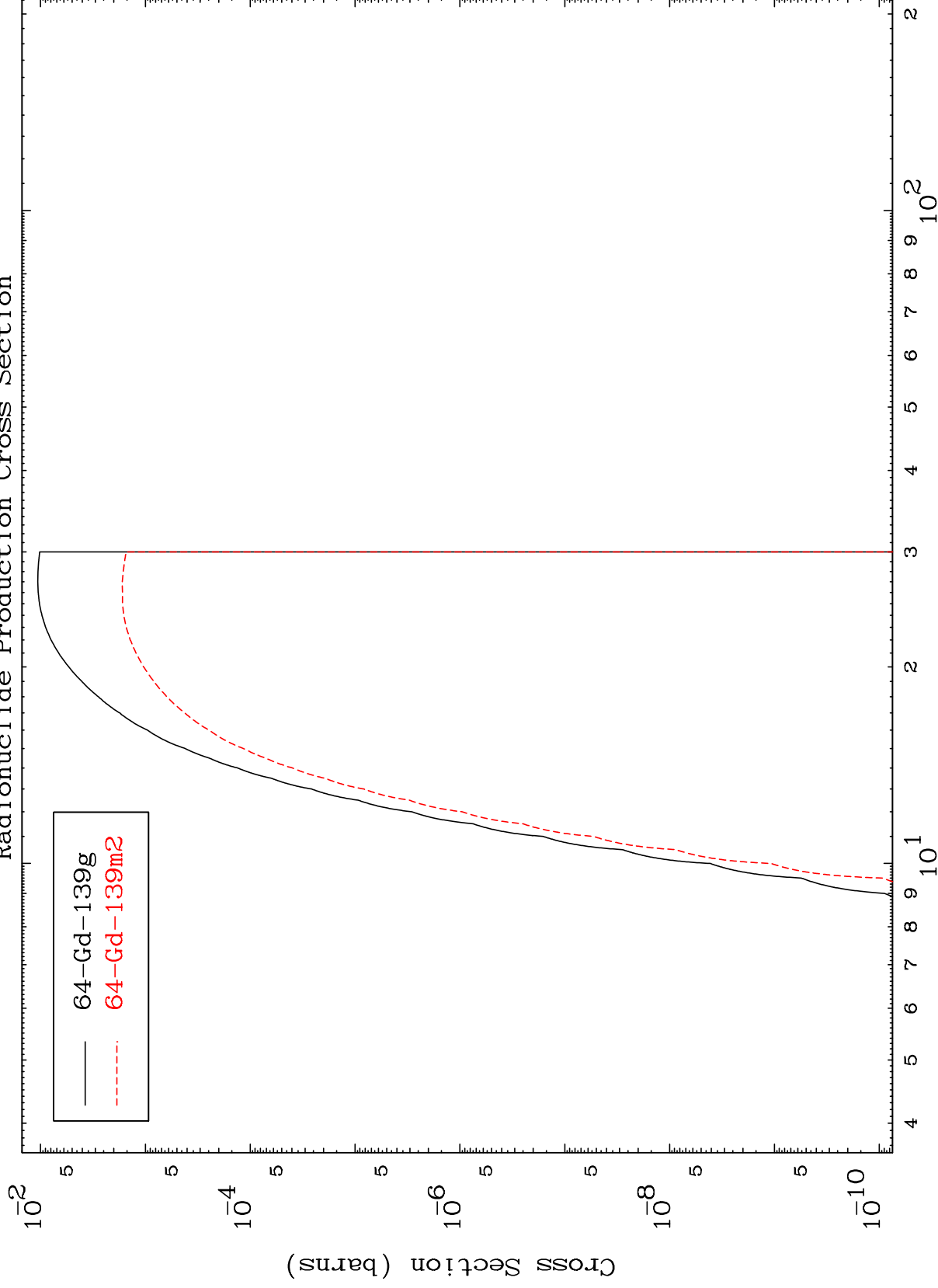
65-Tb-141

MAT 6471

(n, t)

65-Tb-141

Radionuclide Production Cross Section



73

Incident Energy (MeV)

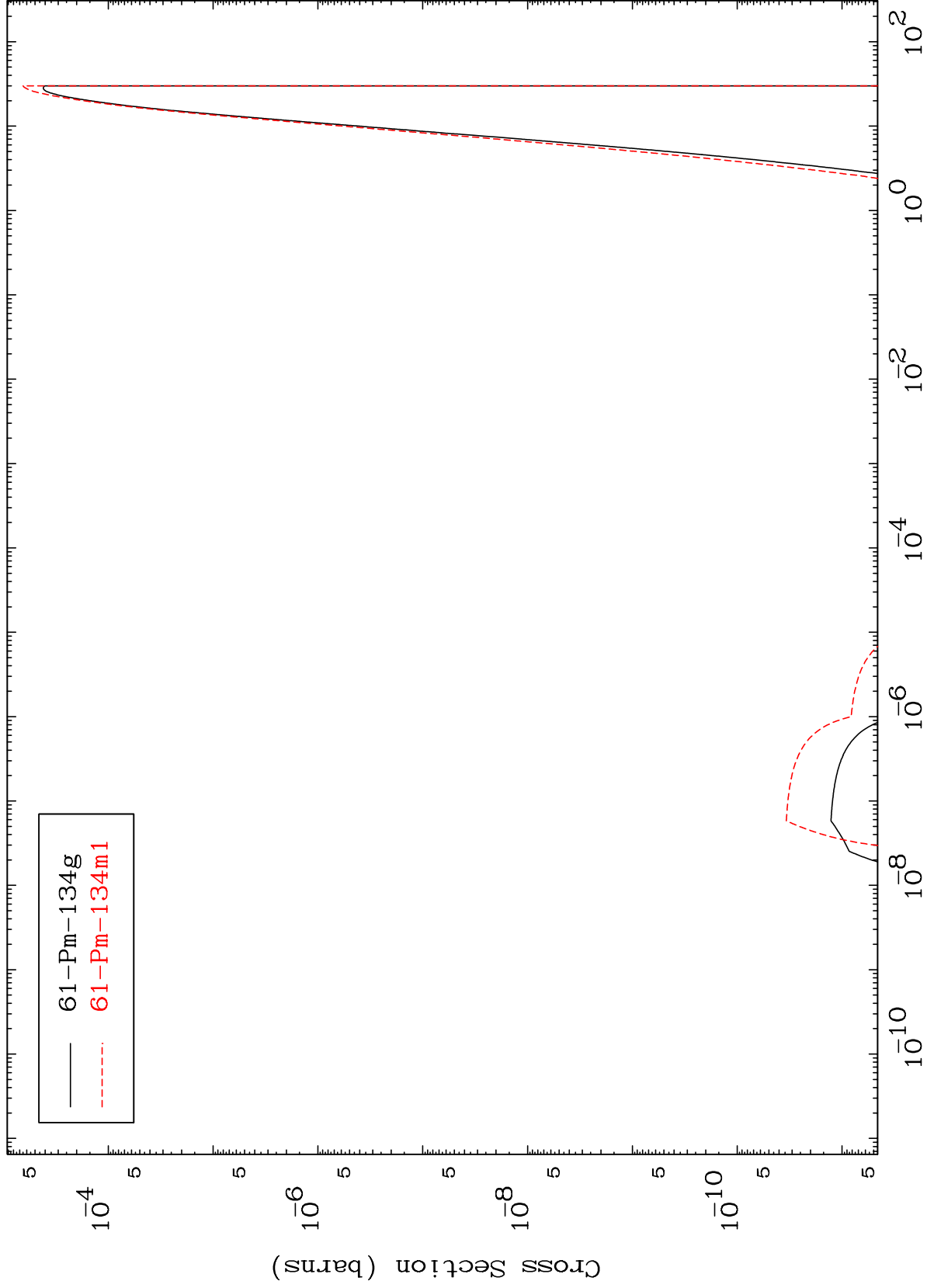
65-Tb-141

MAT 6471

(n,2α)

65-Tb-141

Radionuclide Production Cross Section



74

Incident Energy (MeV)

65-Tb-141