

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

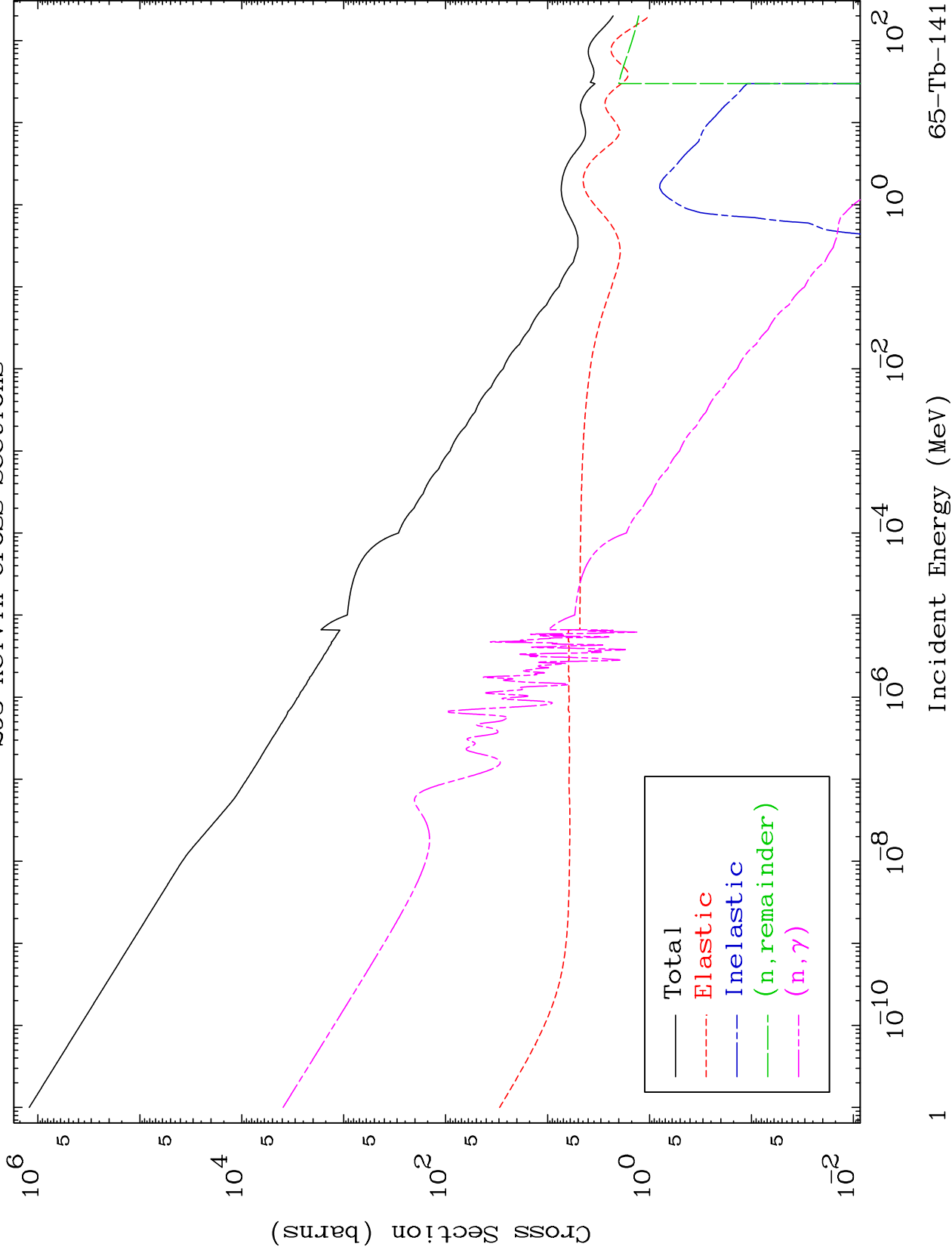
Press Mouse Button to Start

MAT 6471

Major

293 Kelvin Cross Sections

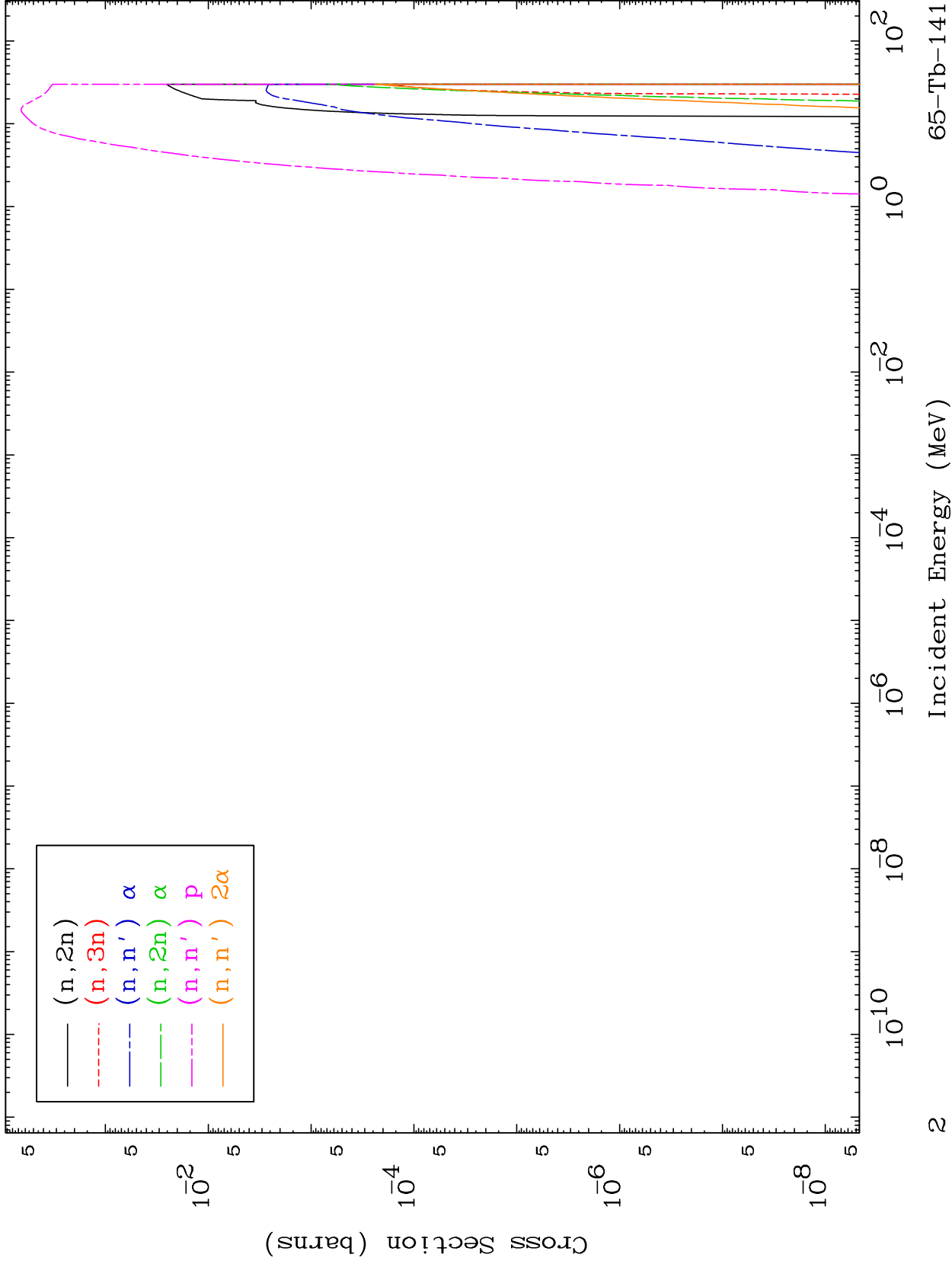
65-Tb-141



MAT 6471

Neutron Production
293 Kelvin Cross Sections

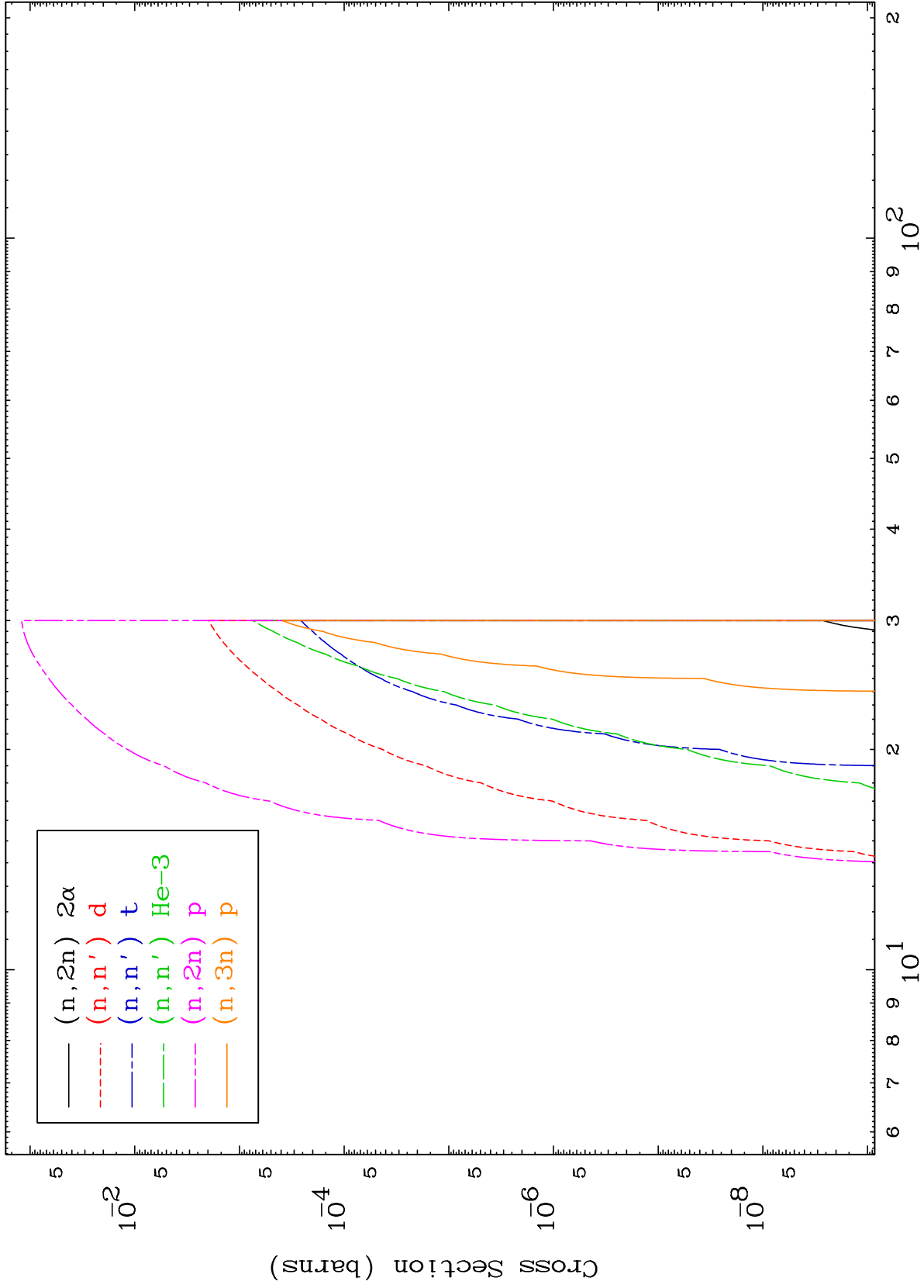
65-Tb-141



MAT 6471

Neutron Production
293 Kelvin Cross Sections

65-Tb-141



3

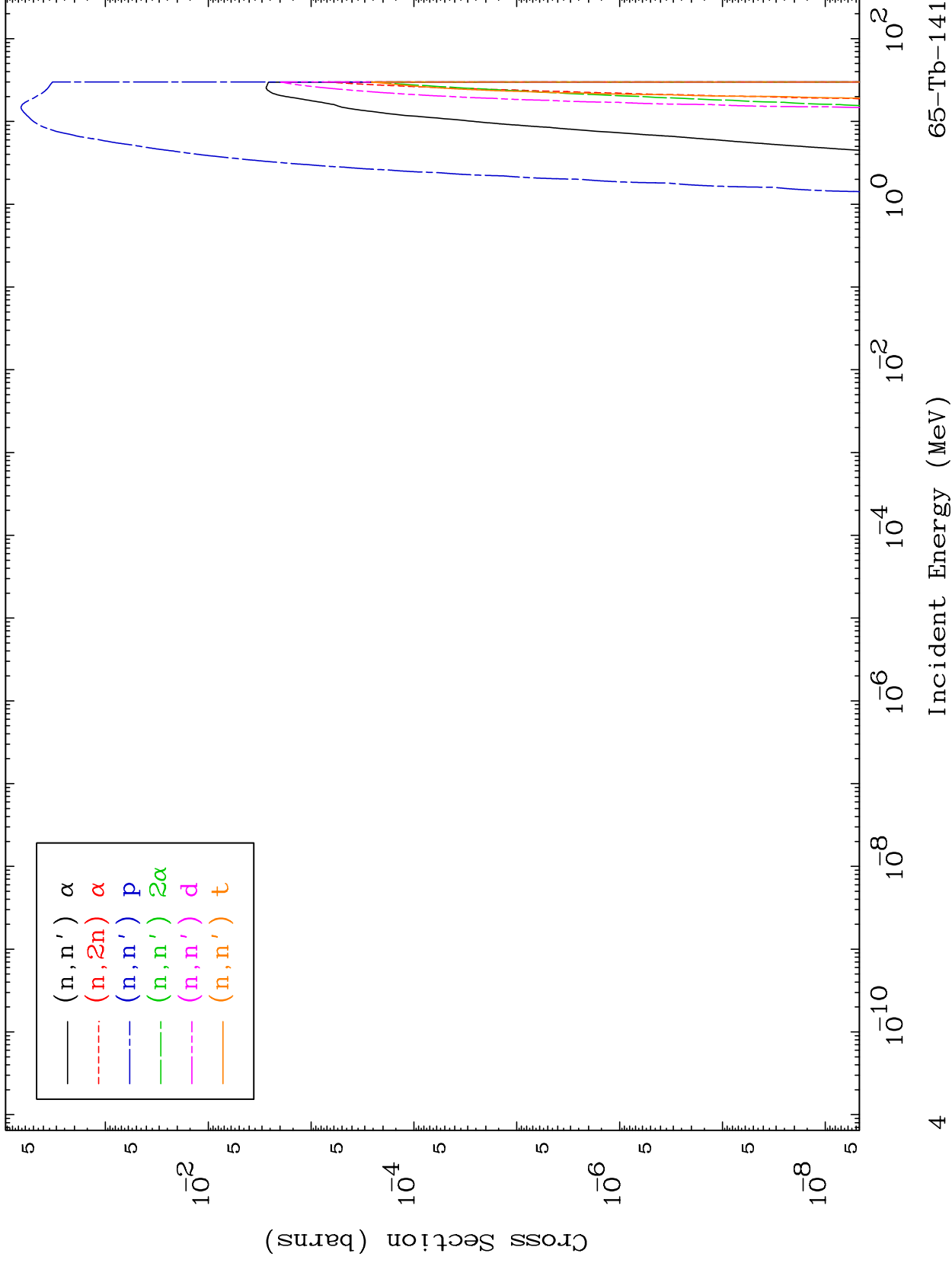
Incident Energy (MeV)

65-Tb-141

MAT 6471

Charged Particle
293 Kelvin Cross Sections

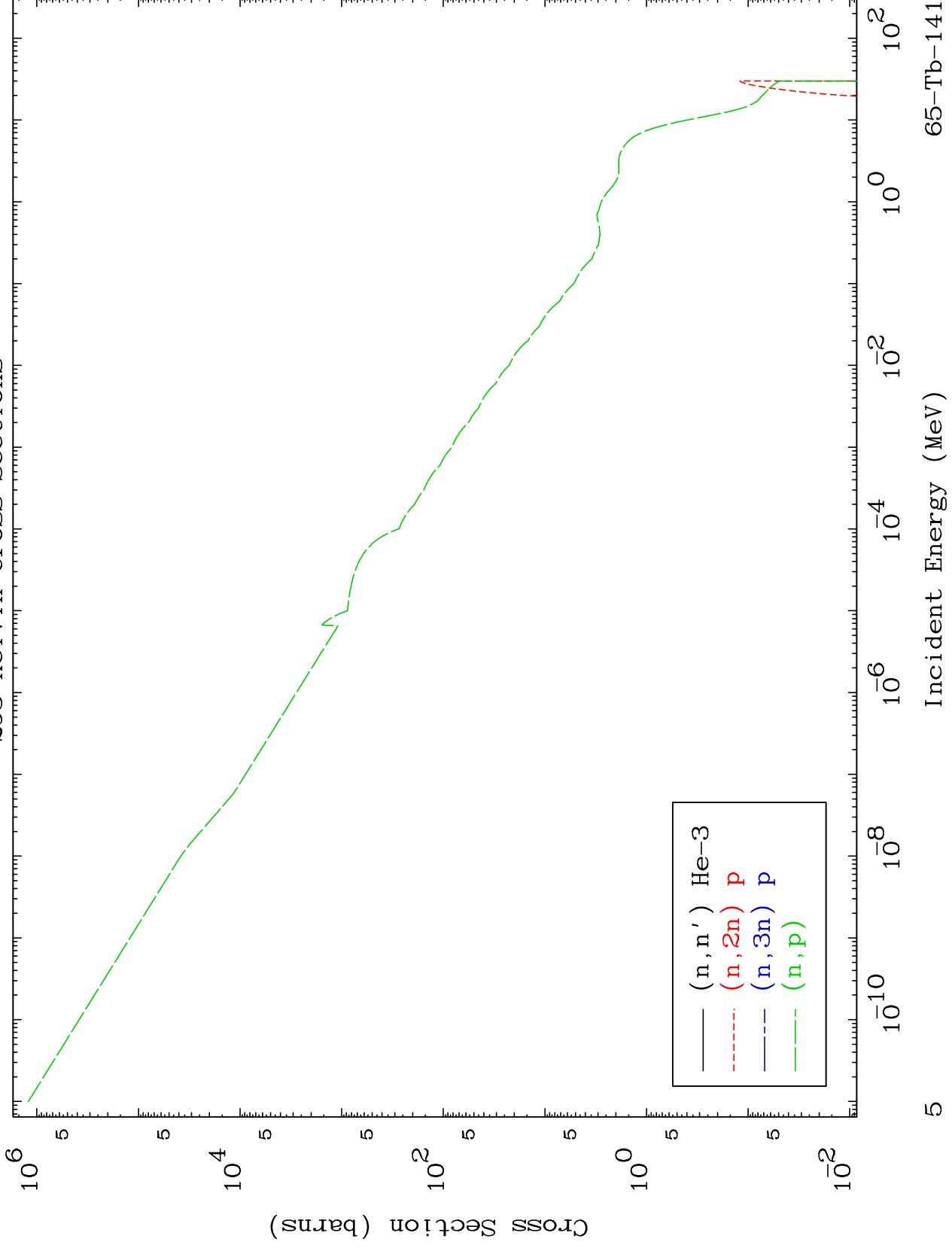
65-Tb-141



MAT 6471

Charged Particle
293 Kelvin Cross Sections

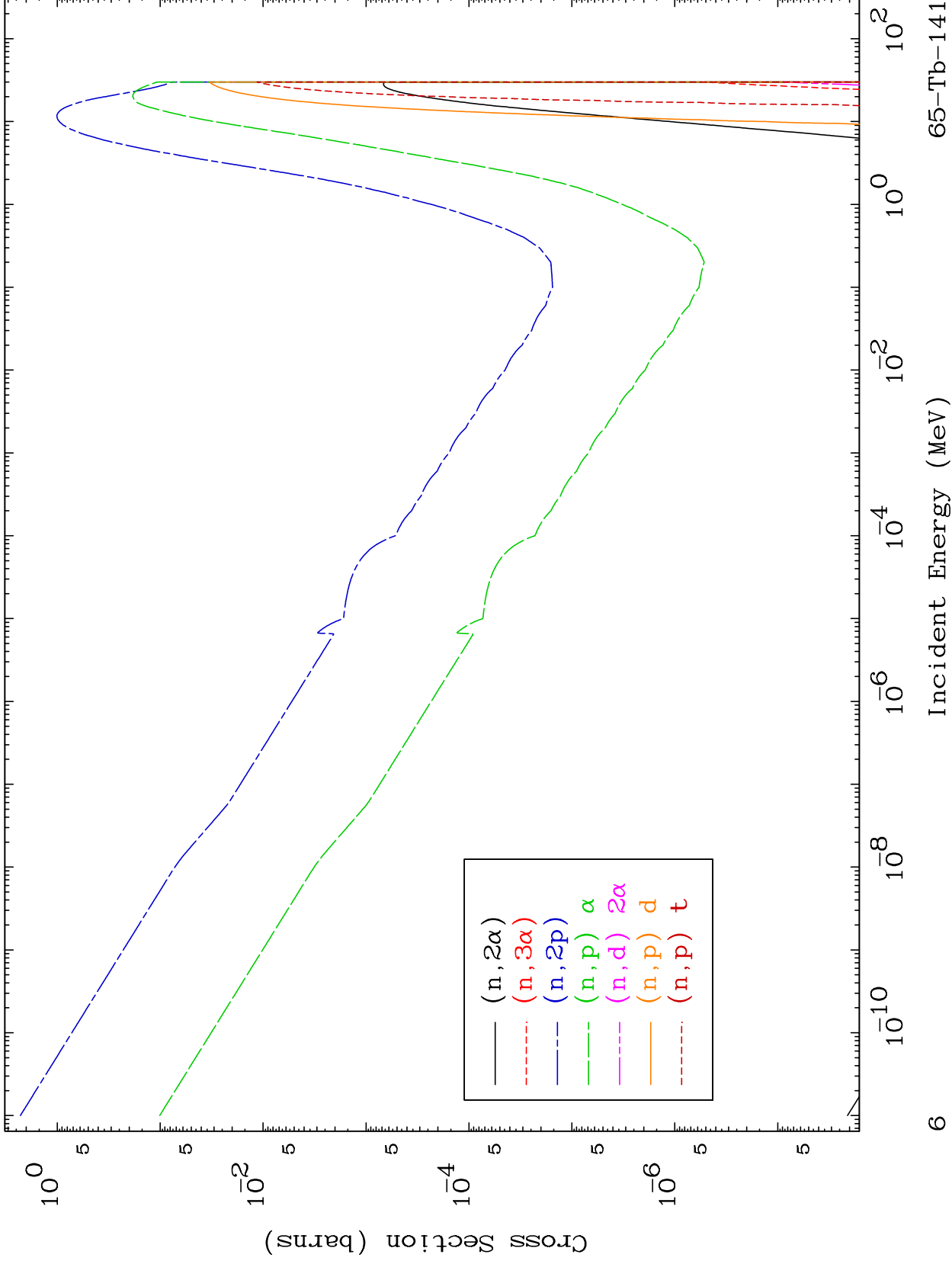
65-Tb-141



MAT 6471

Charged Particle
293 Kelvin Cross Sections

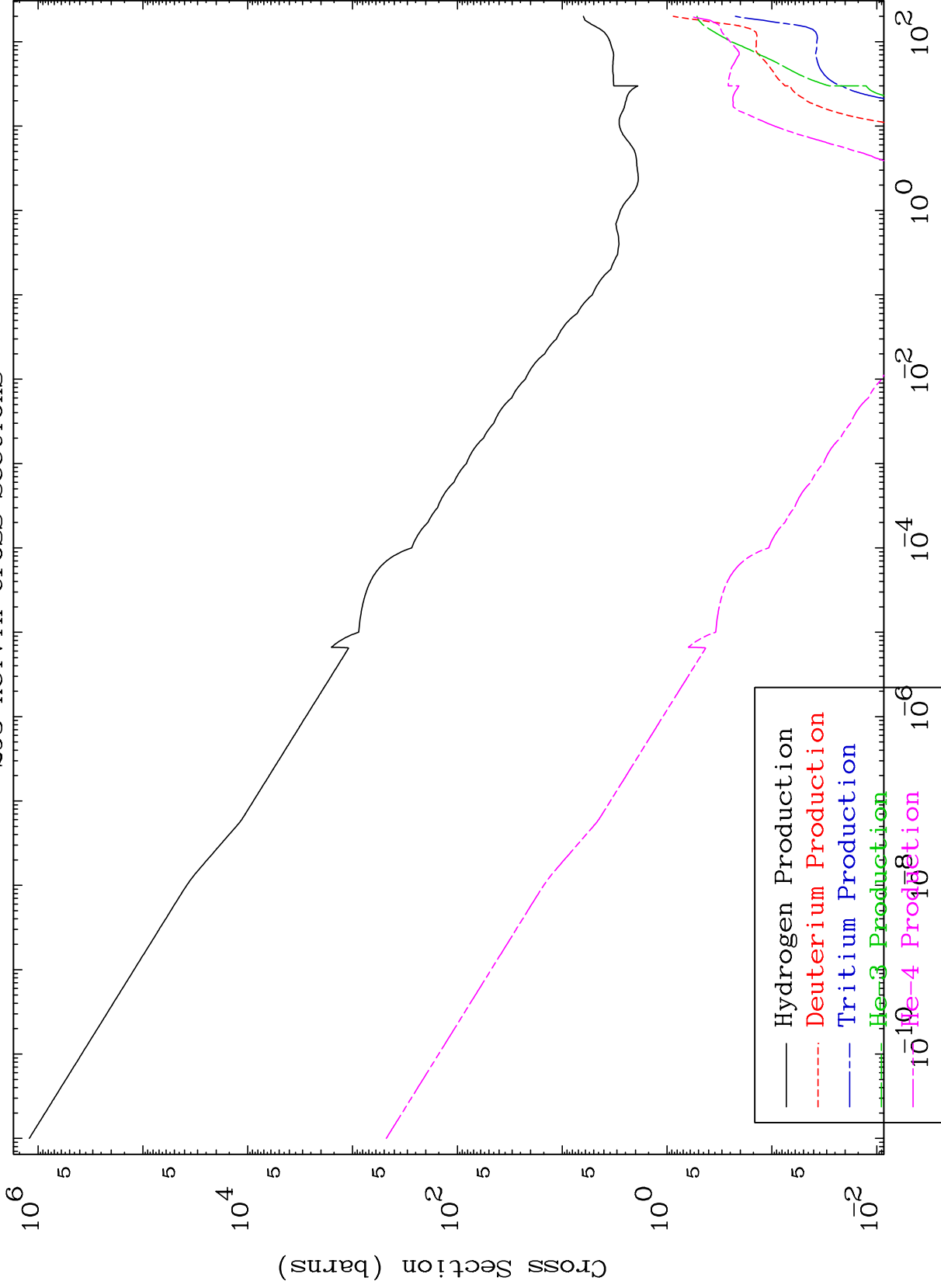
65-Tb-141



MAT 6471

Particle Production
293 Kelvin Cross Sections

65-Tb-141



65-Tb-141

Incident Energy (MeV)

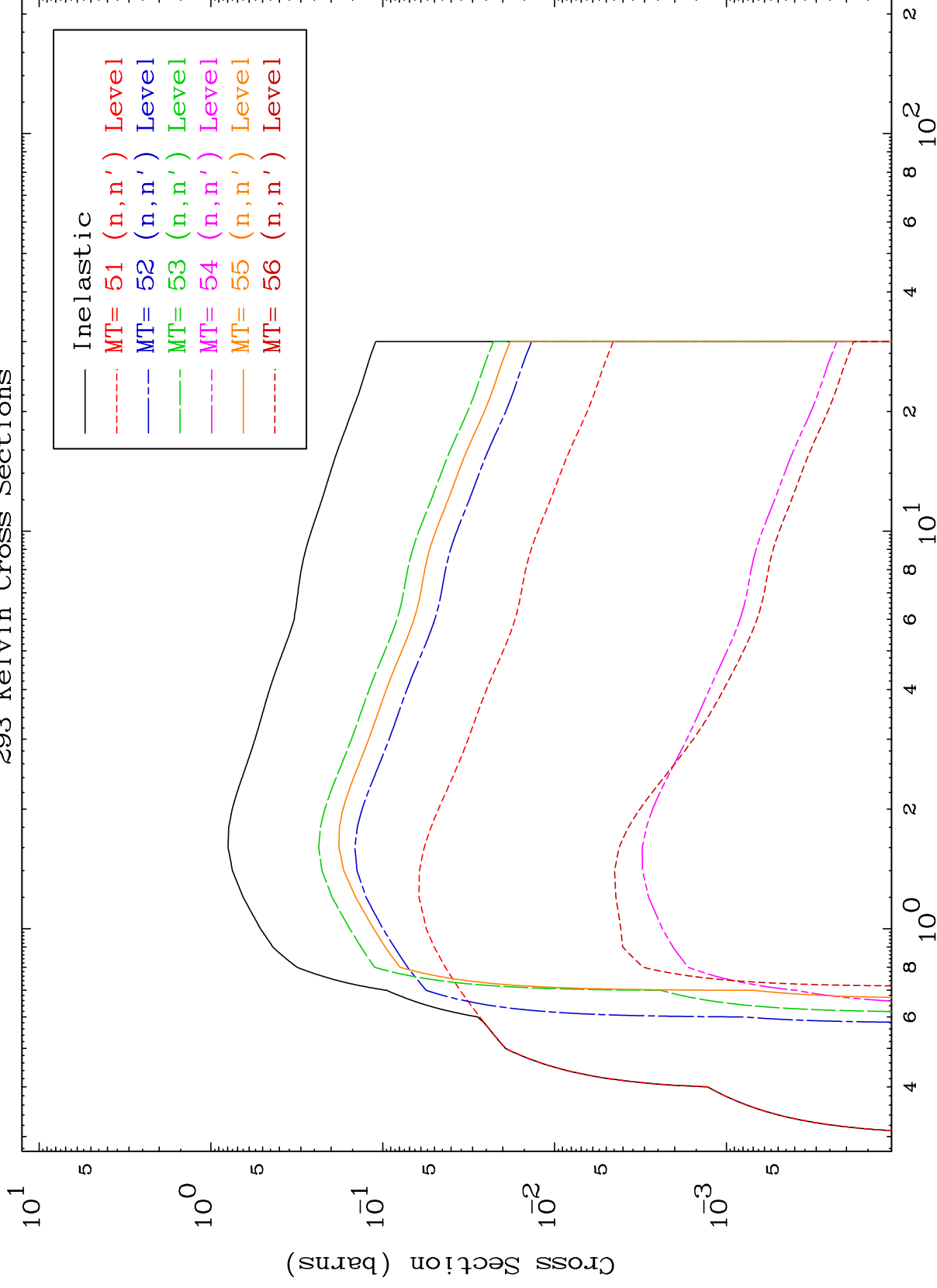
7

MAT 6471

(n,n') Level

65-Tb-141

293 Kelvin Cross Sections



8

Incident Energy (MeV)

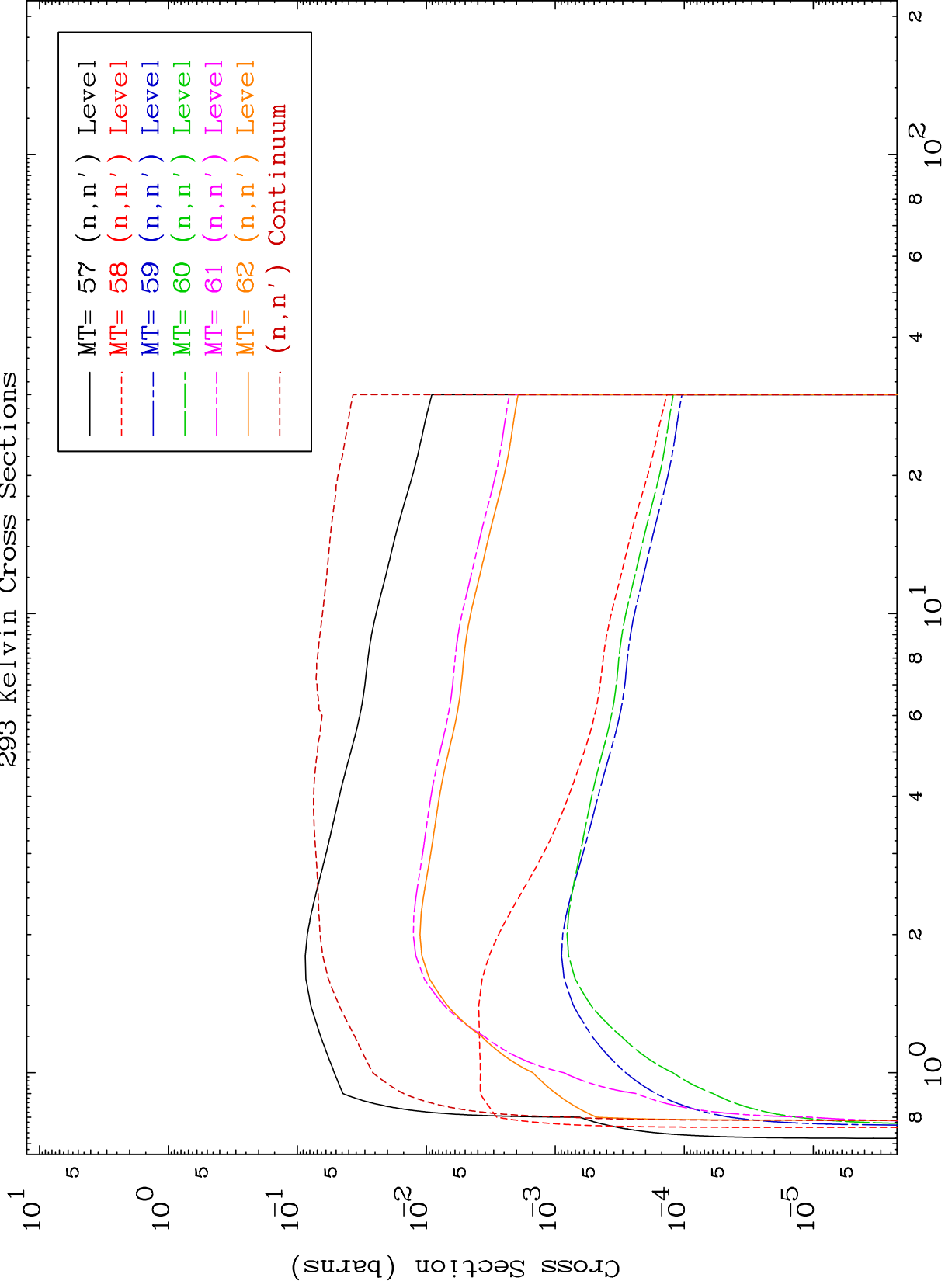
65-Tb-141

MAT 6471

(n,n') Level

293 Kelvin Cross Sections

65-Tb-141



9

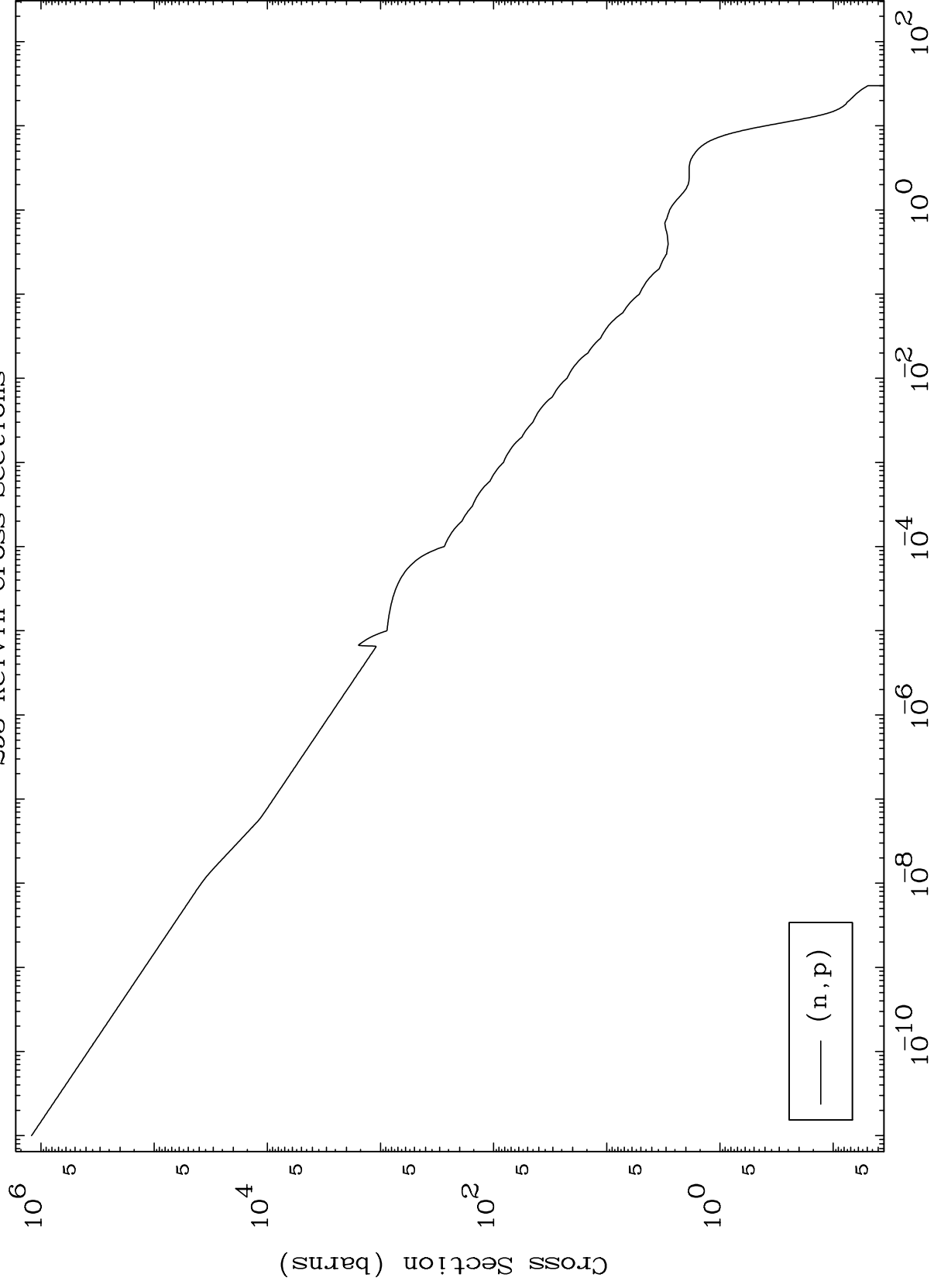
Incident Energy (MeV)

65-Tb-141

MAT 6471

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-141



(n,p)

Incident Energy (MeV)

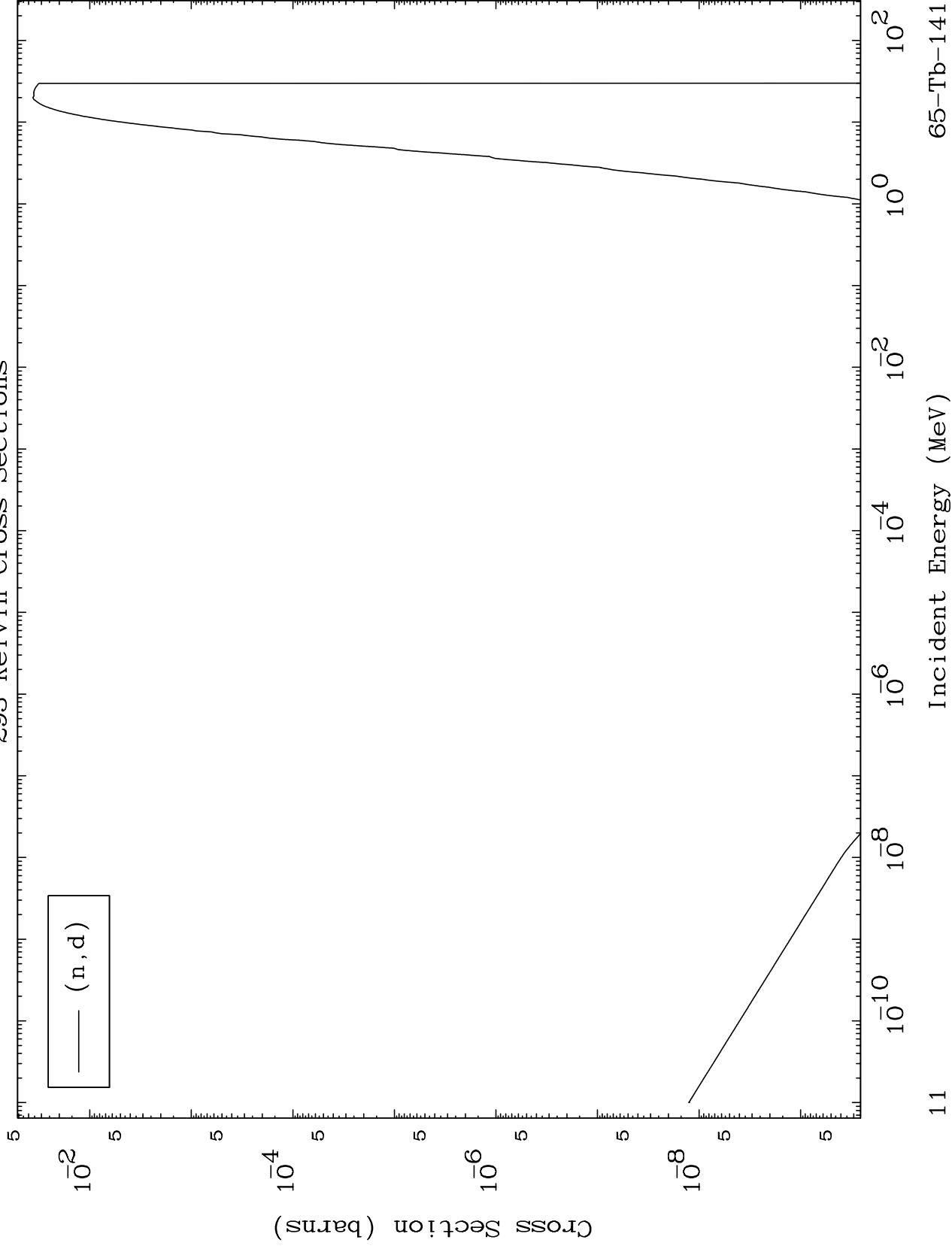
65-Tb-141

10

MAT 6471

(n,d) Levels
293 Kelvin Cross Sections

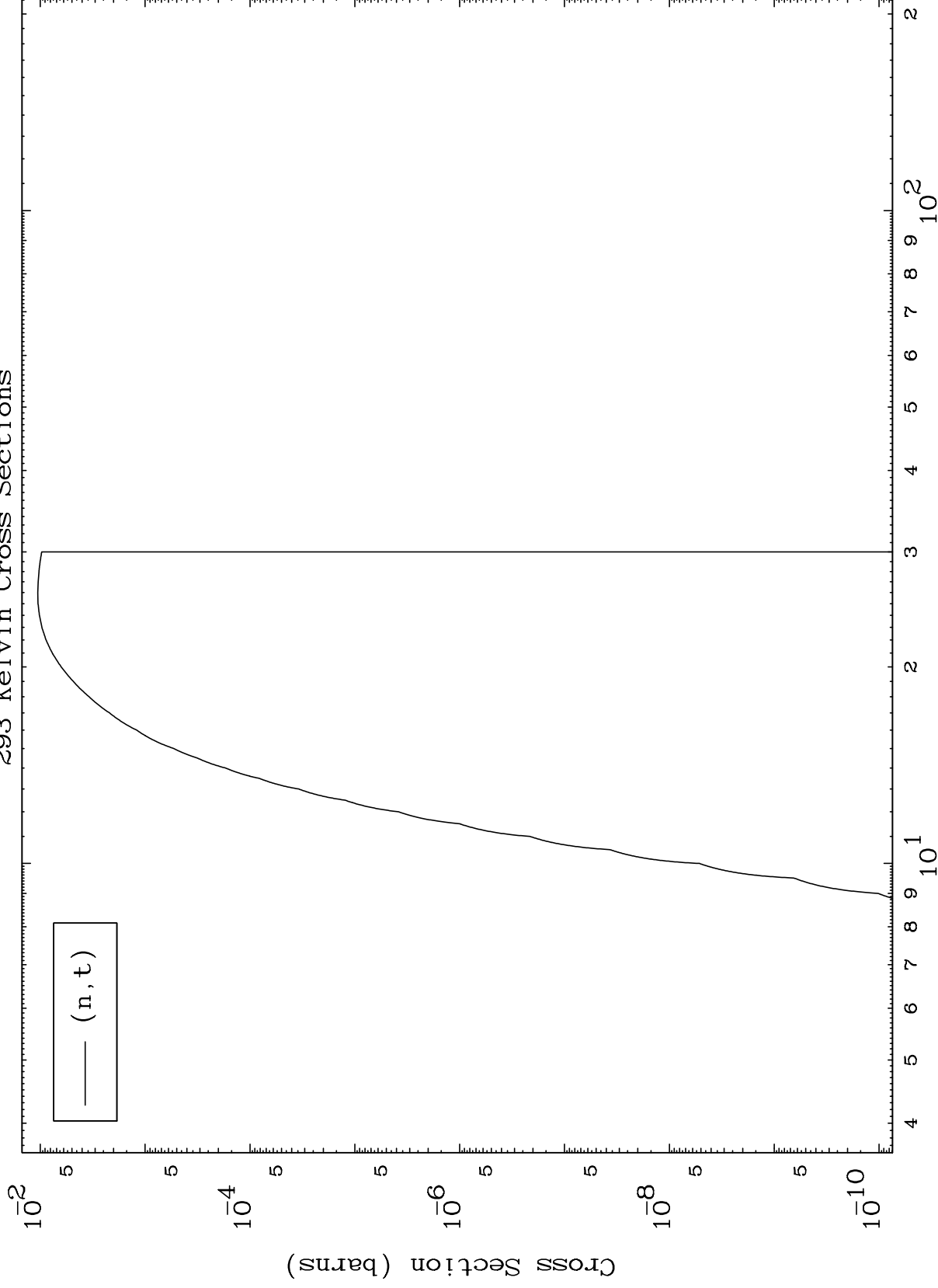
65-Tb-141



MAT 6471

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-141



12

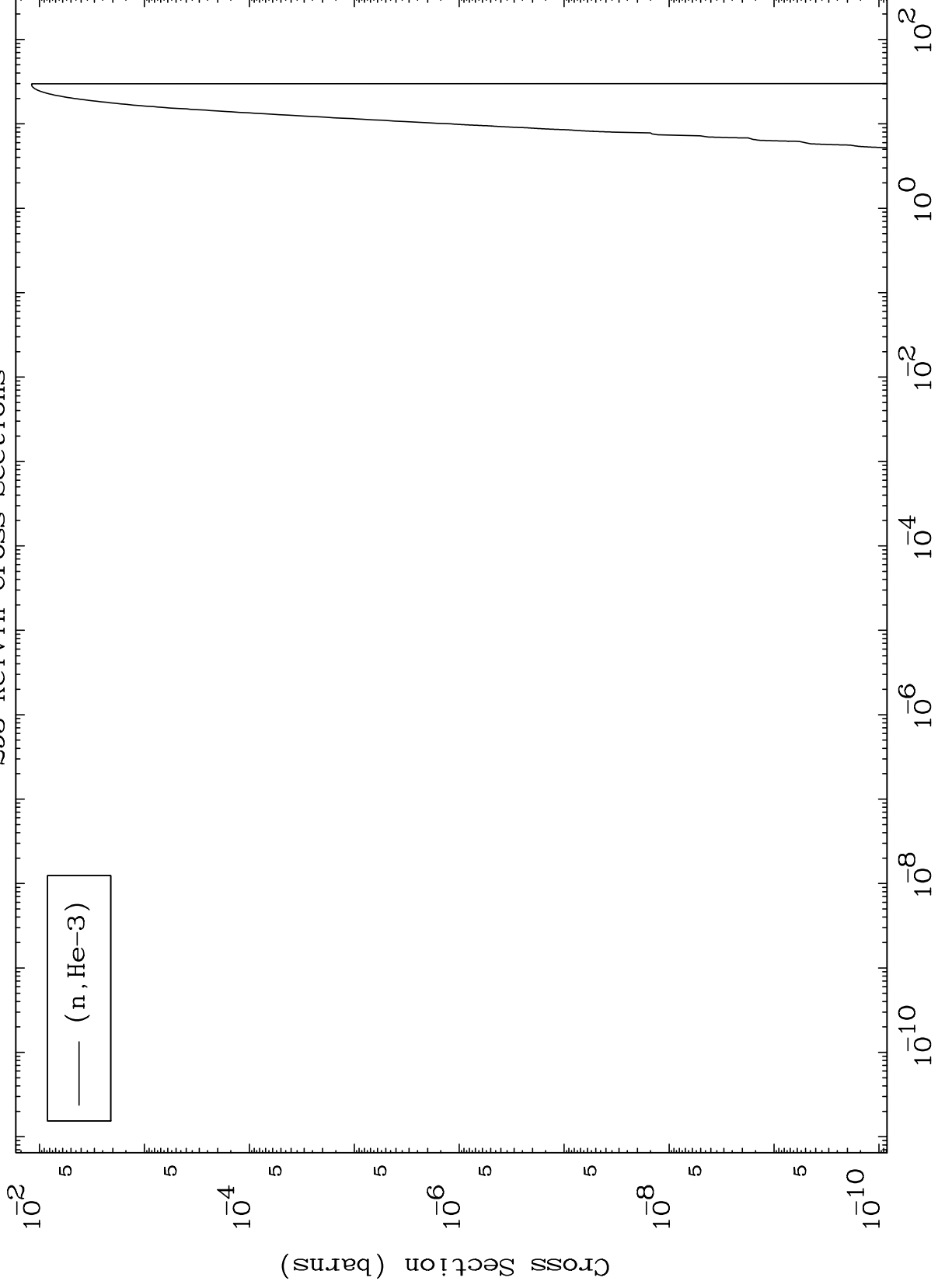
Incident Energy (MeV)

65-Tb-141

MAT 6471

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-141



(n, He-3)

65-Tb-141

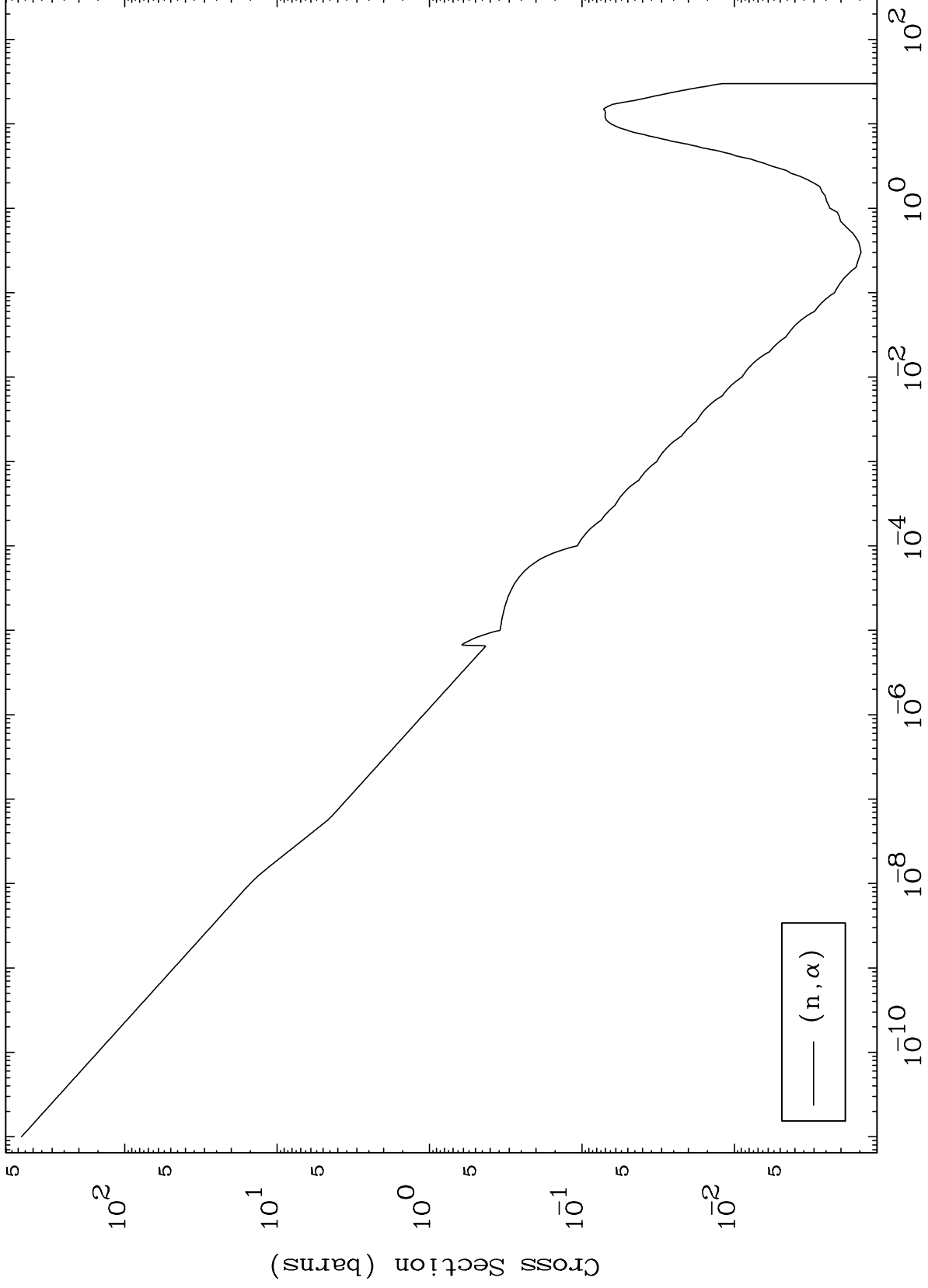
Incident Energy (MeV)

13

MAT 6471

(n,α) Levels
293 Kelvin Cross Sections

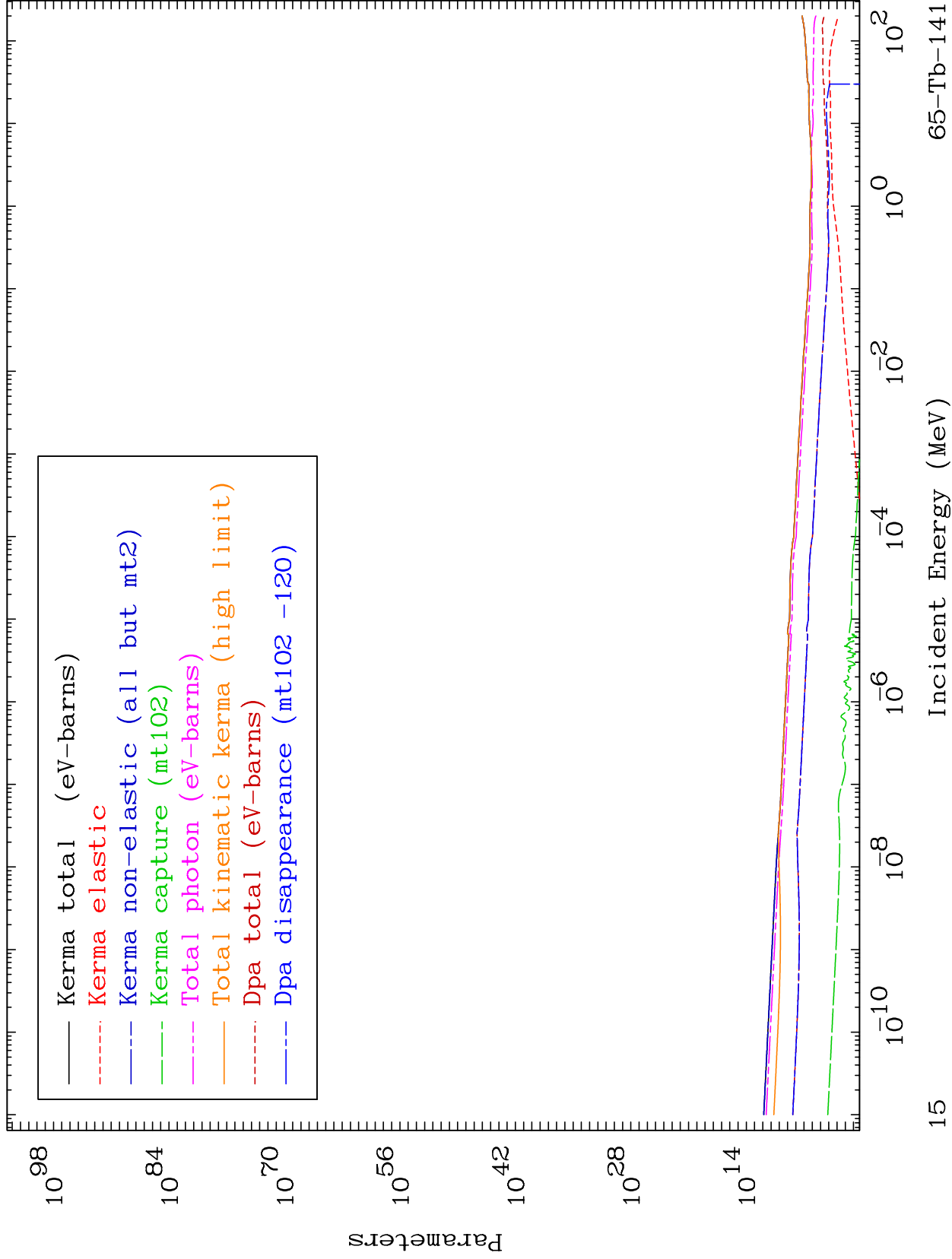
65-Tb-141

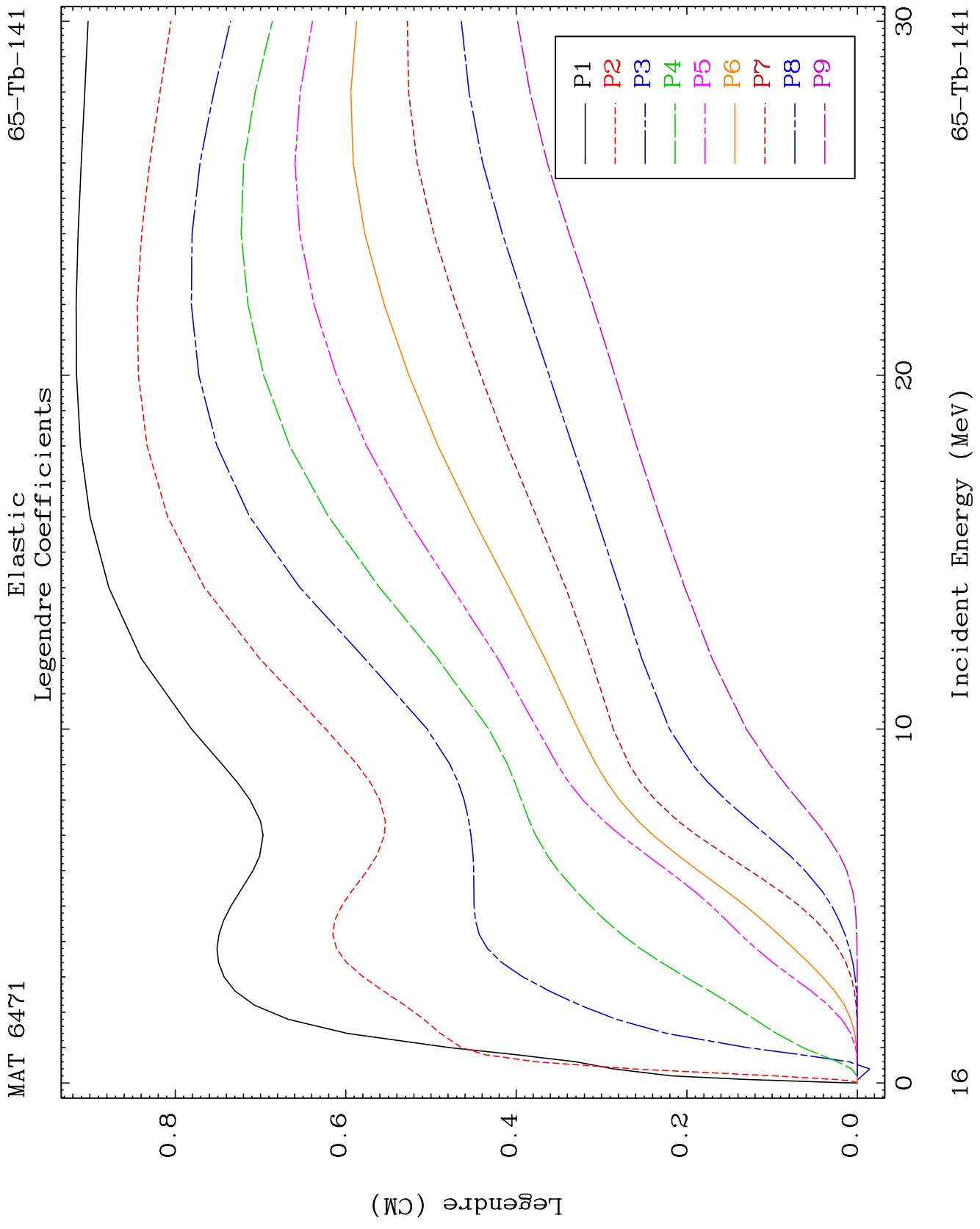


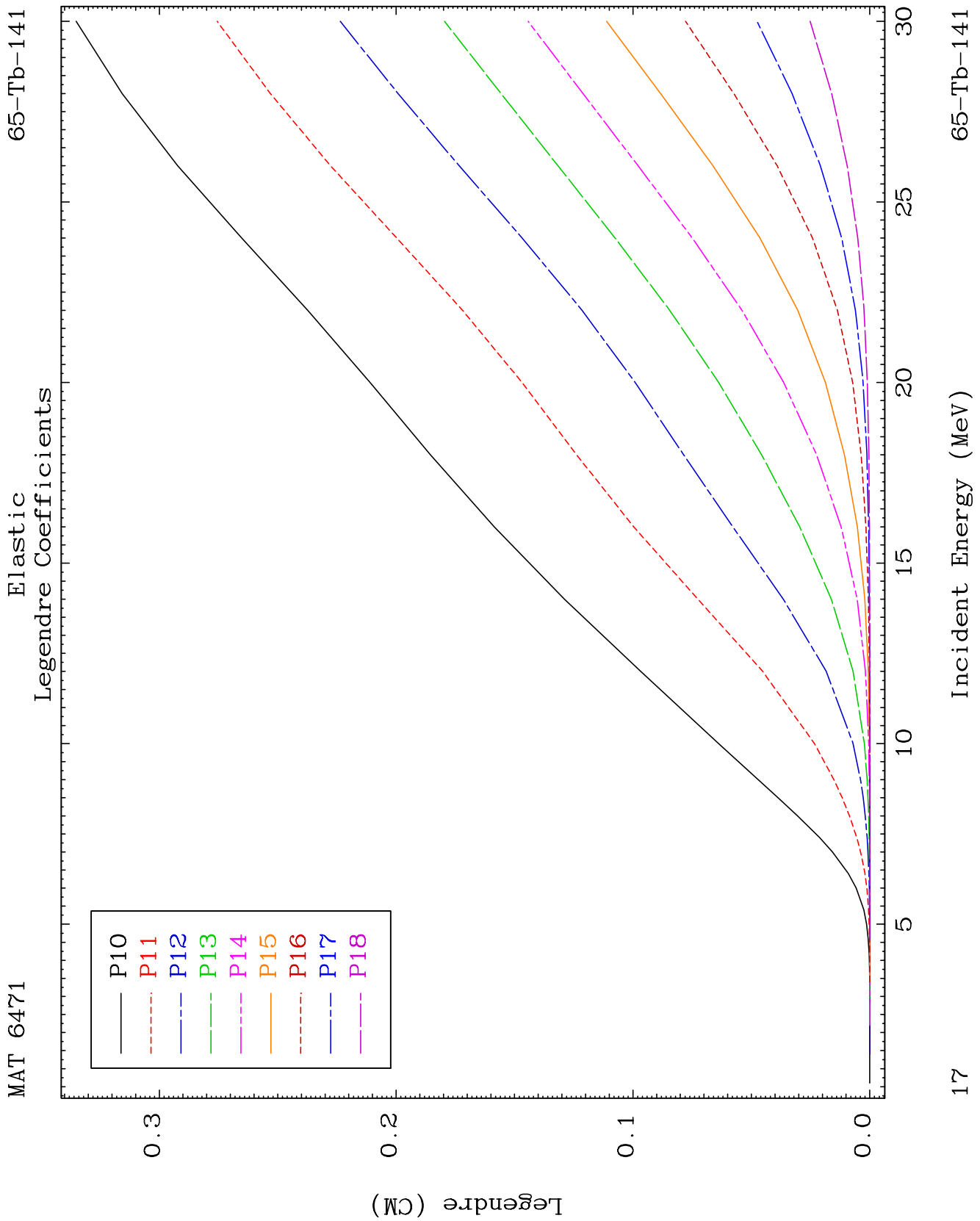
14

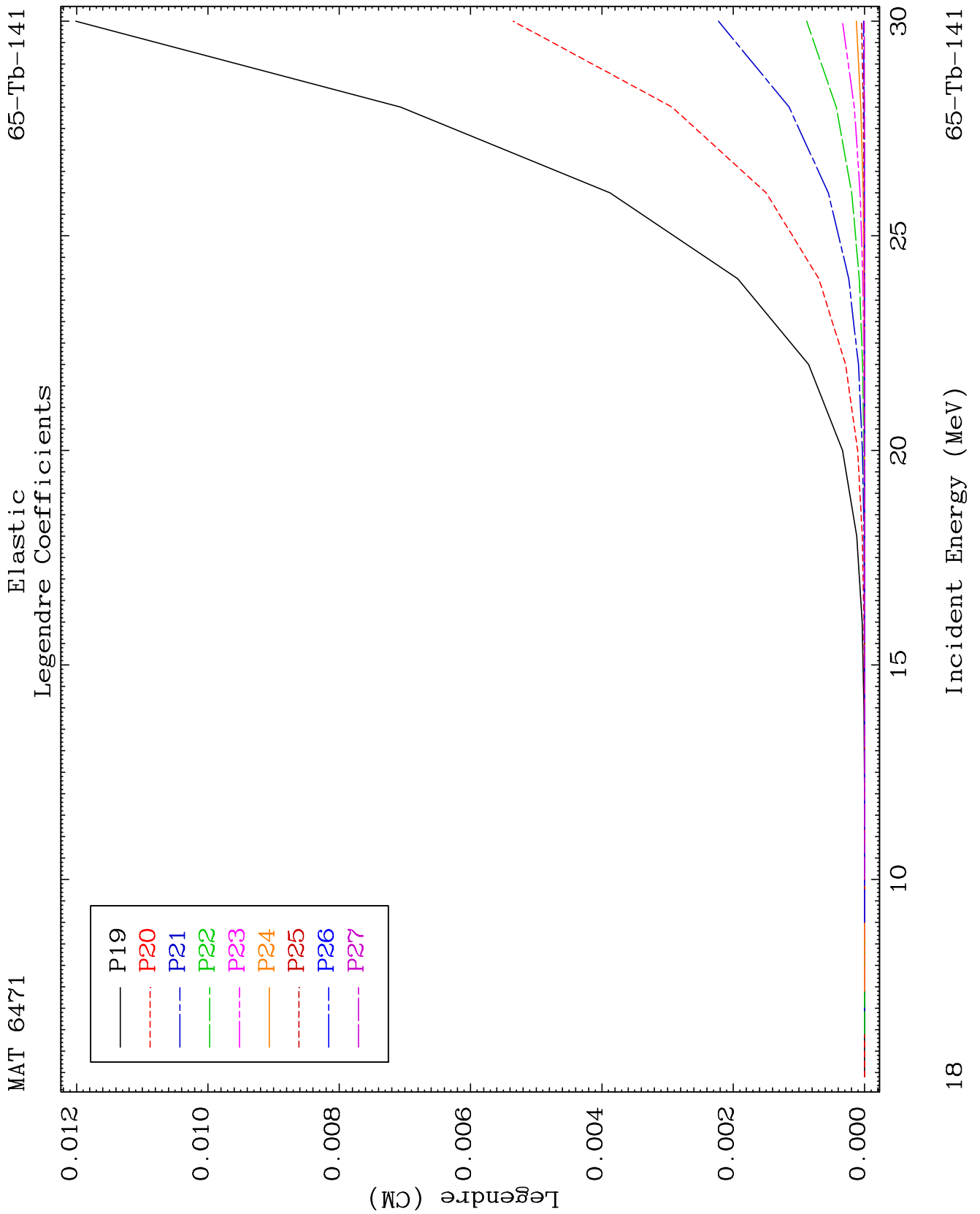
Incident Energy (MeV)

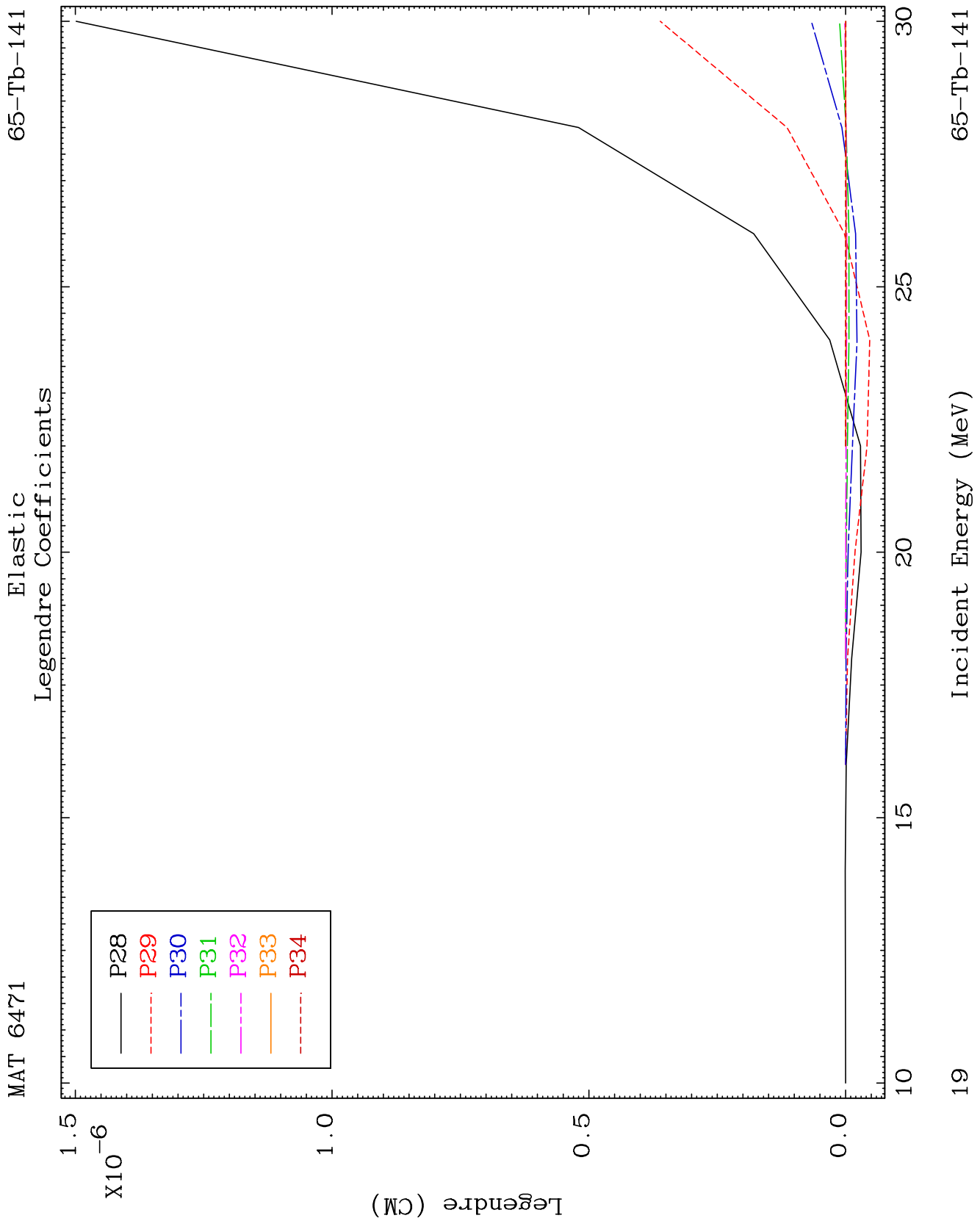
65-Tb-141







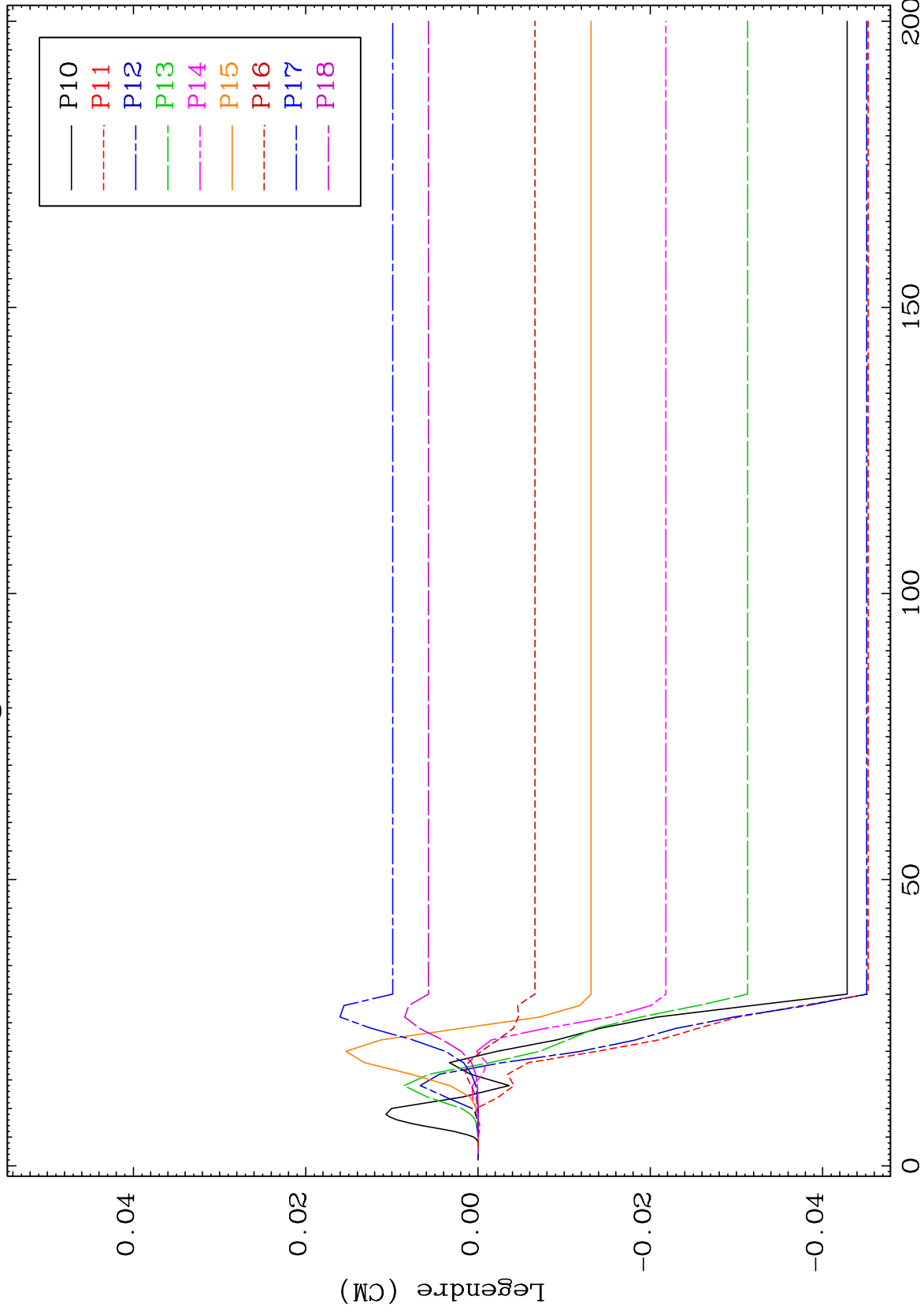




MAT 6471

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

65-Tb-141



21

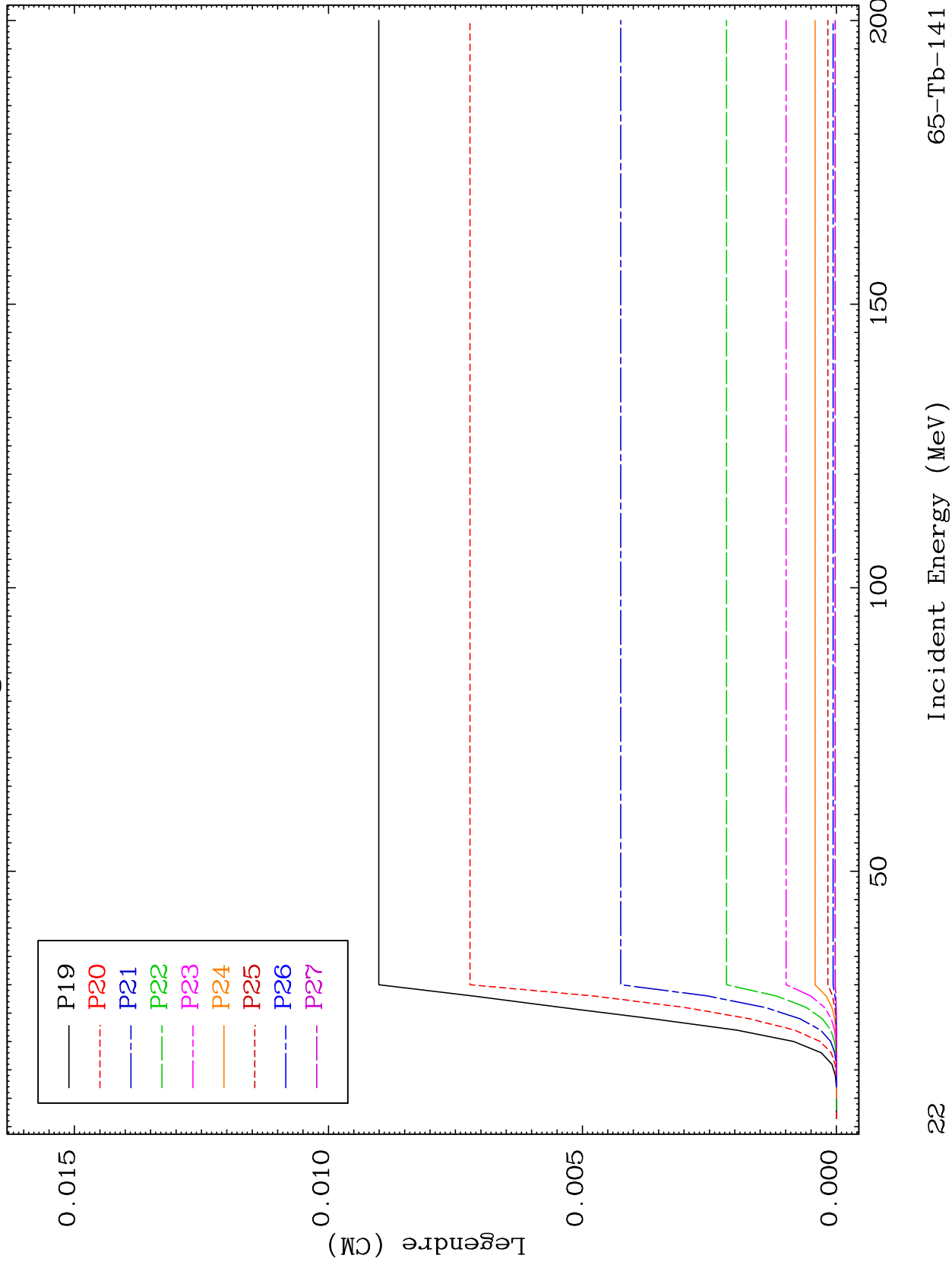
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



22

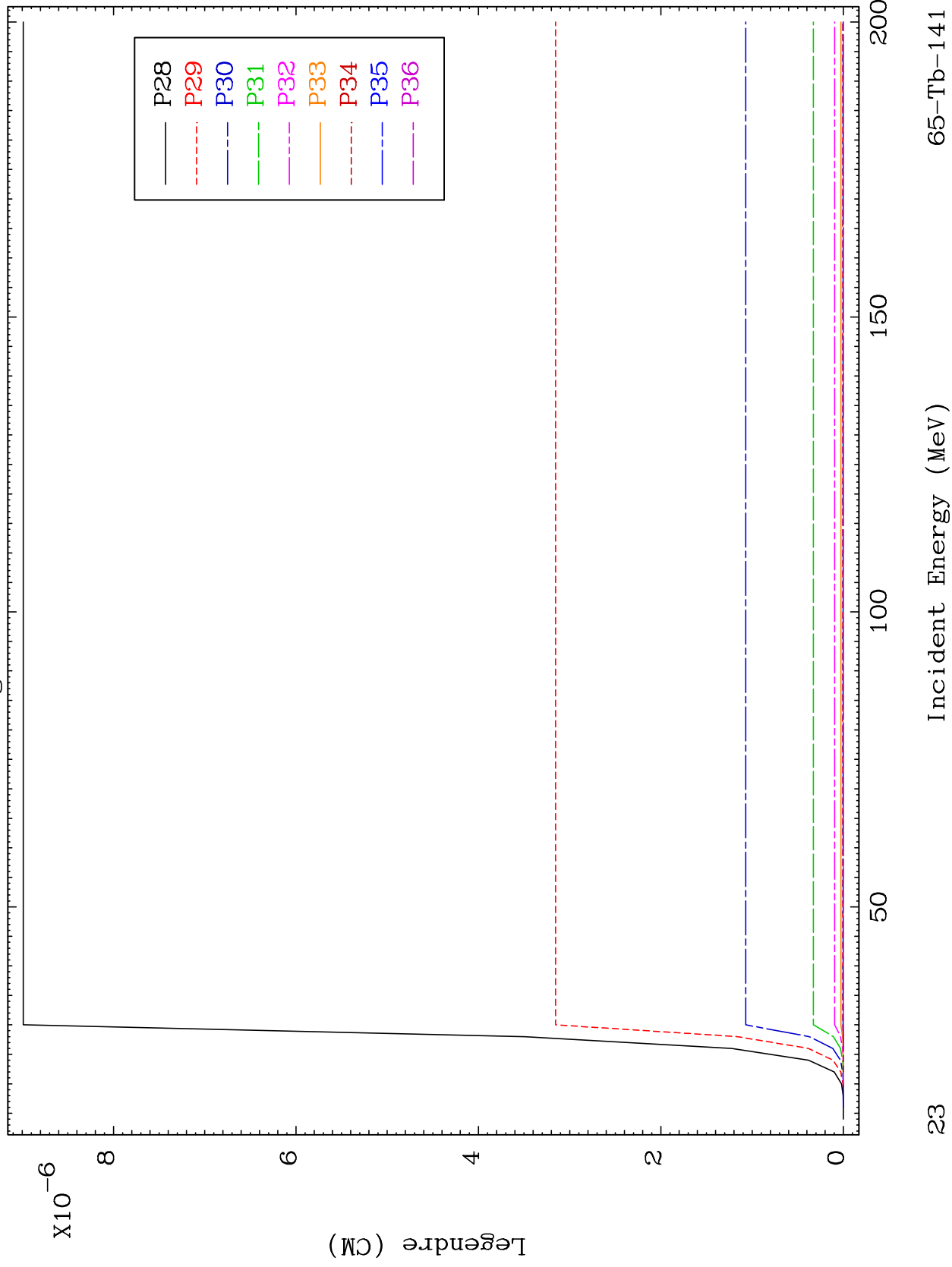
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



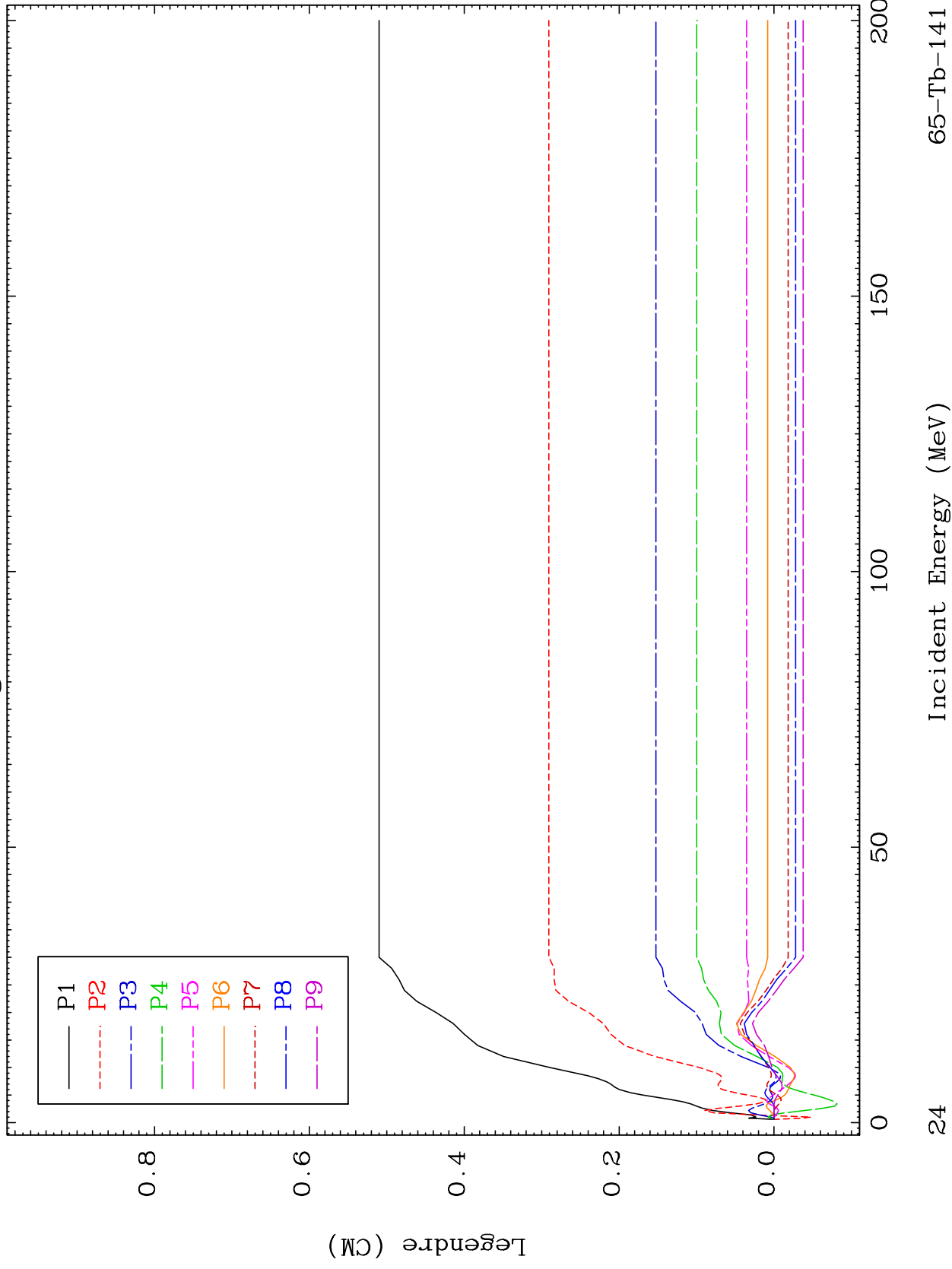
23

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

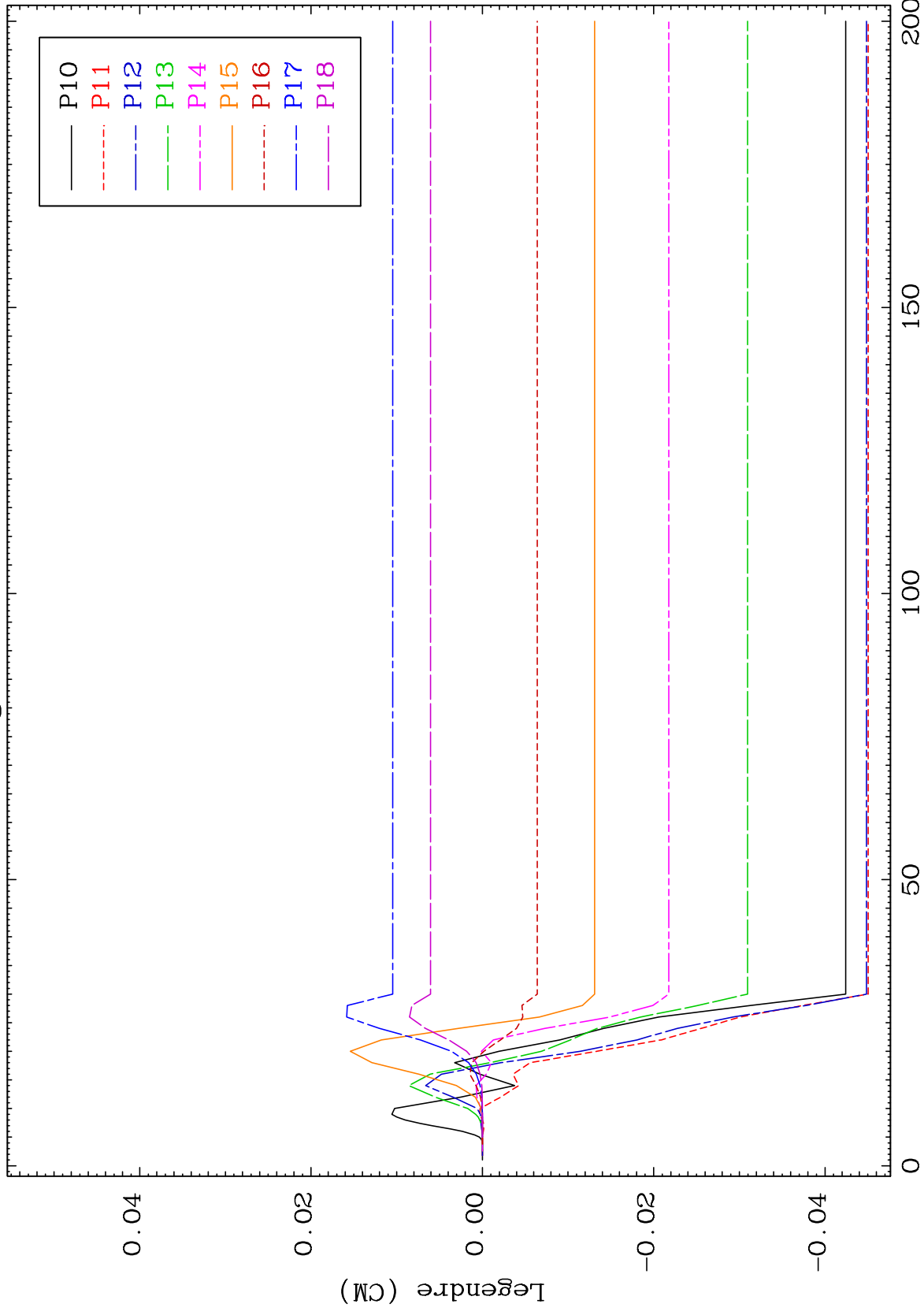
Incident Energy (MeV)

24

MAT 6471

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

65-Tb-141



25

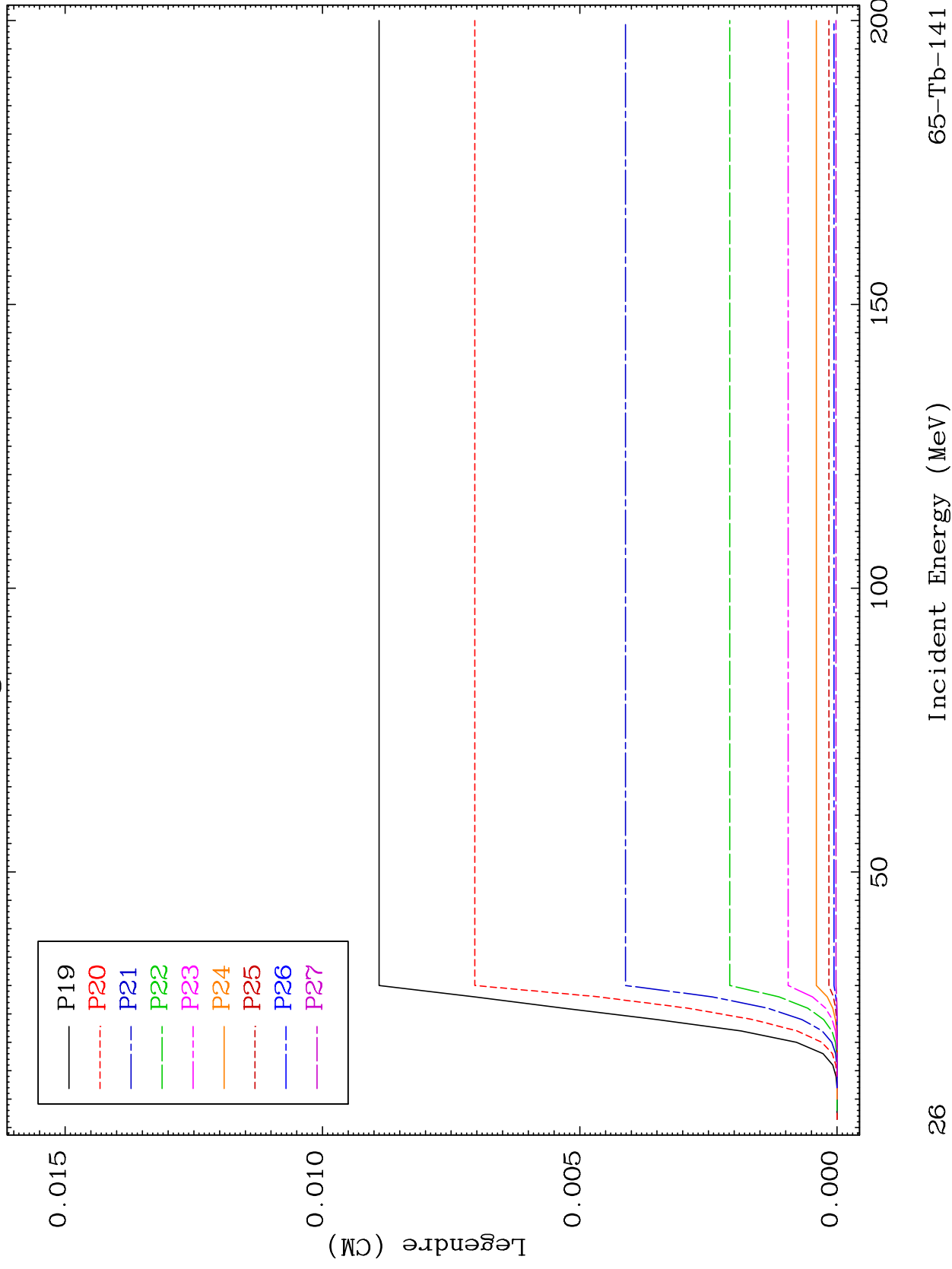
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



26

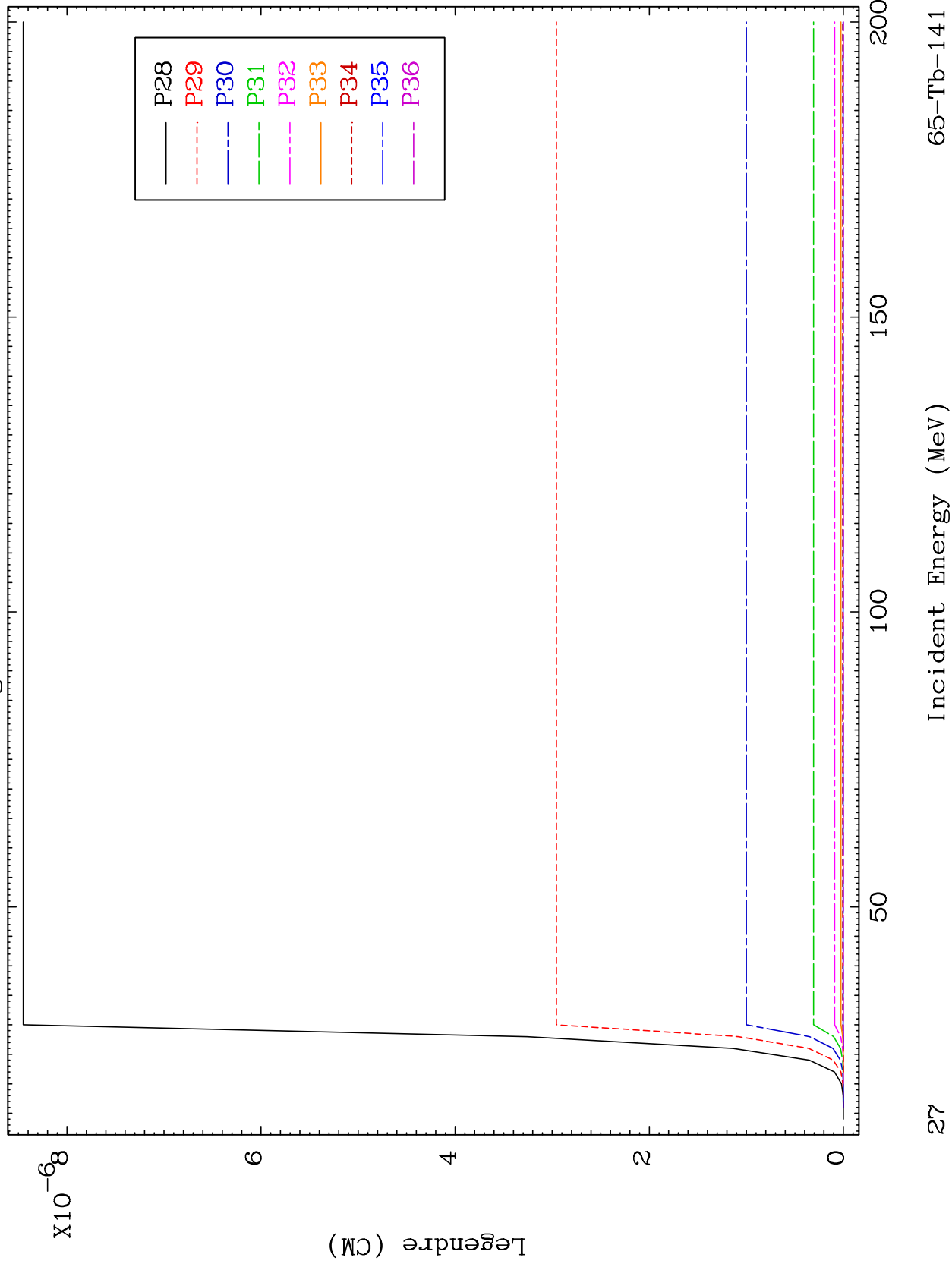
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

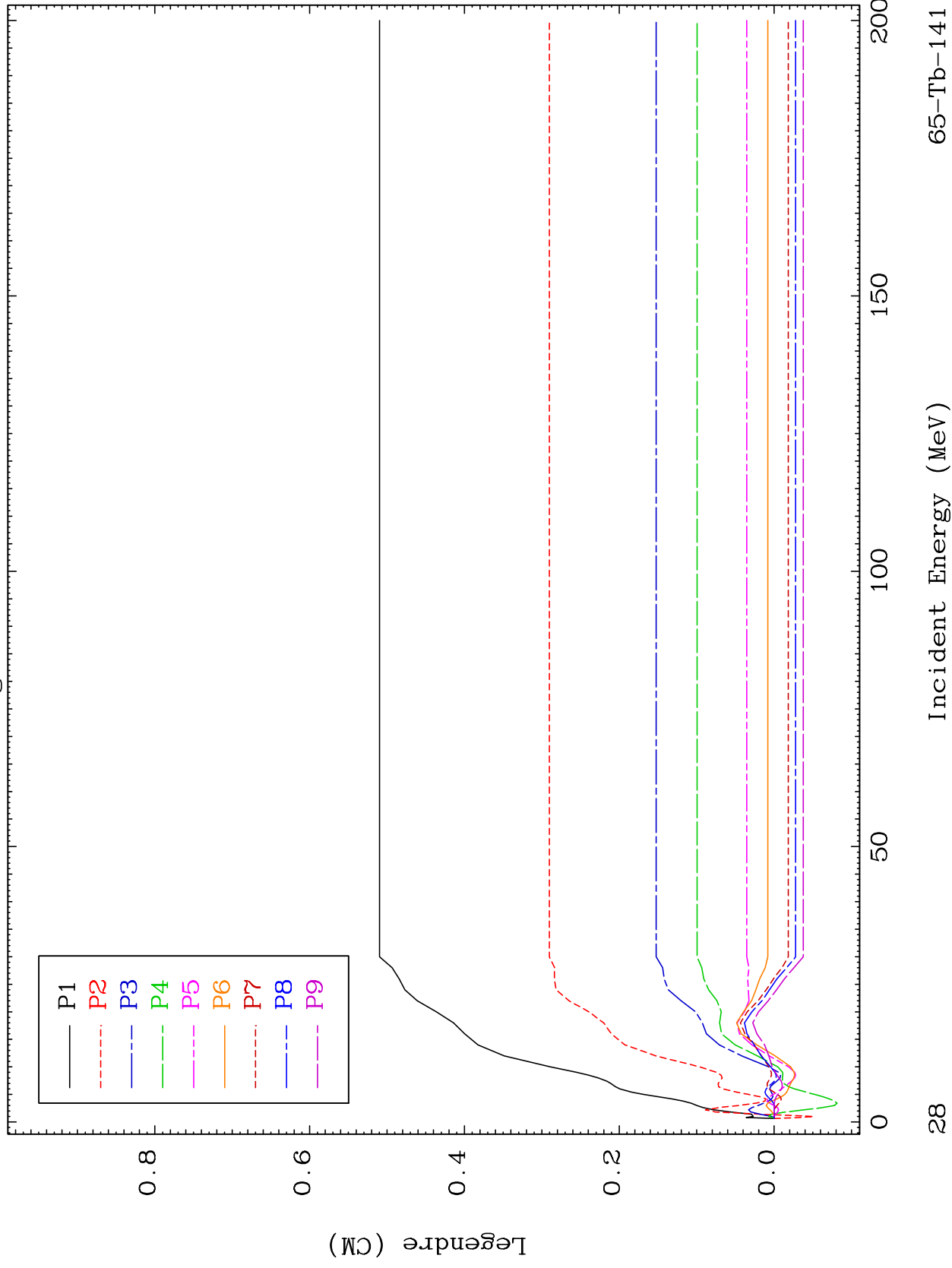
65-Tb-141



MAT 6471

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

65-Tb-141



65-Tb-141

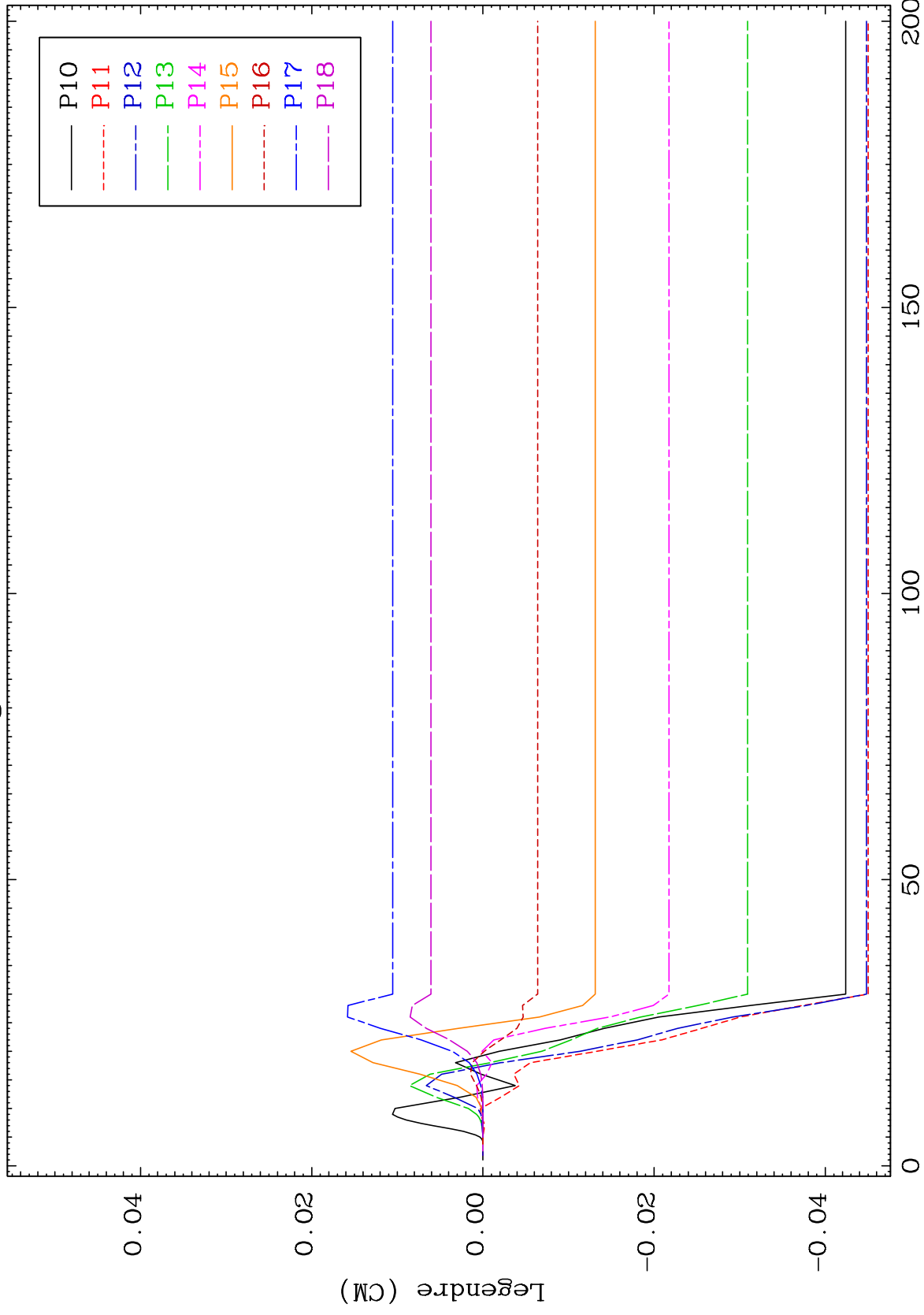
Incident Energy (MeV)

28

MAT 6471

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

65-Tb-141



29

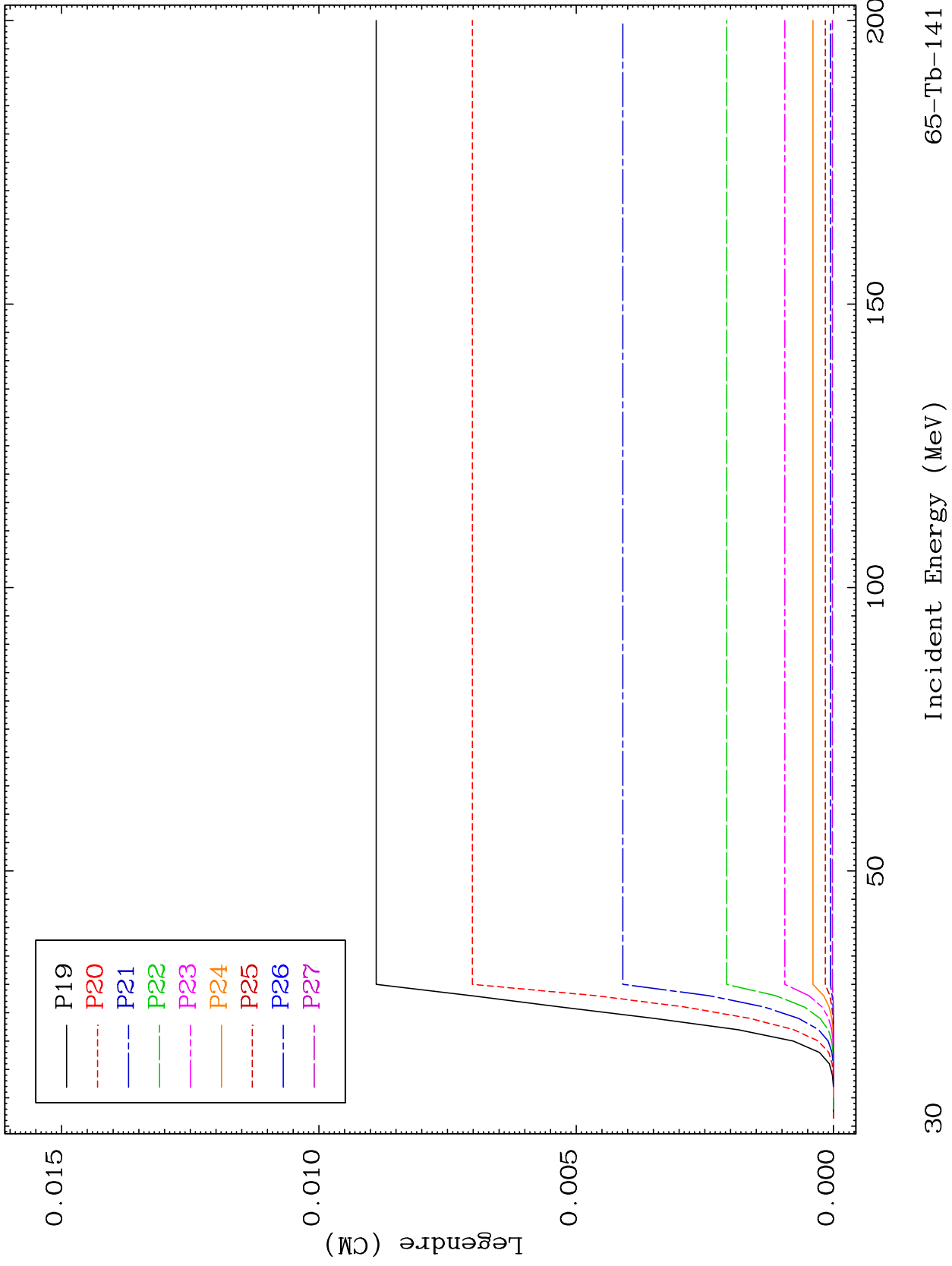
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

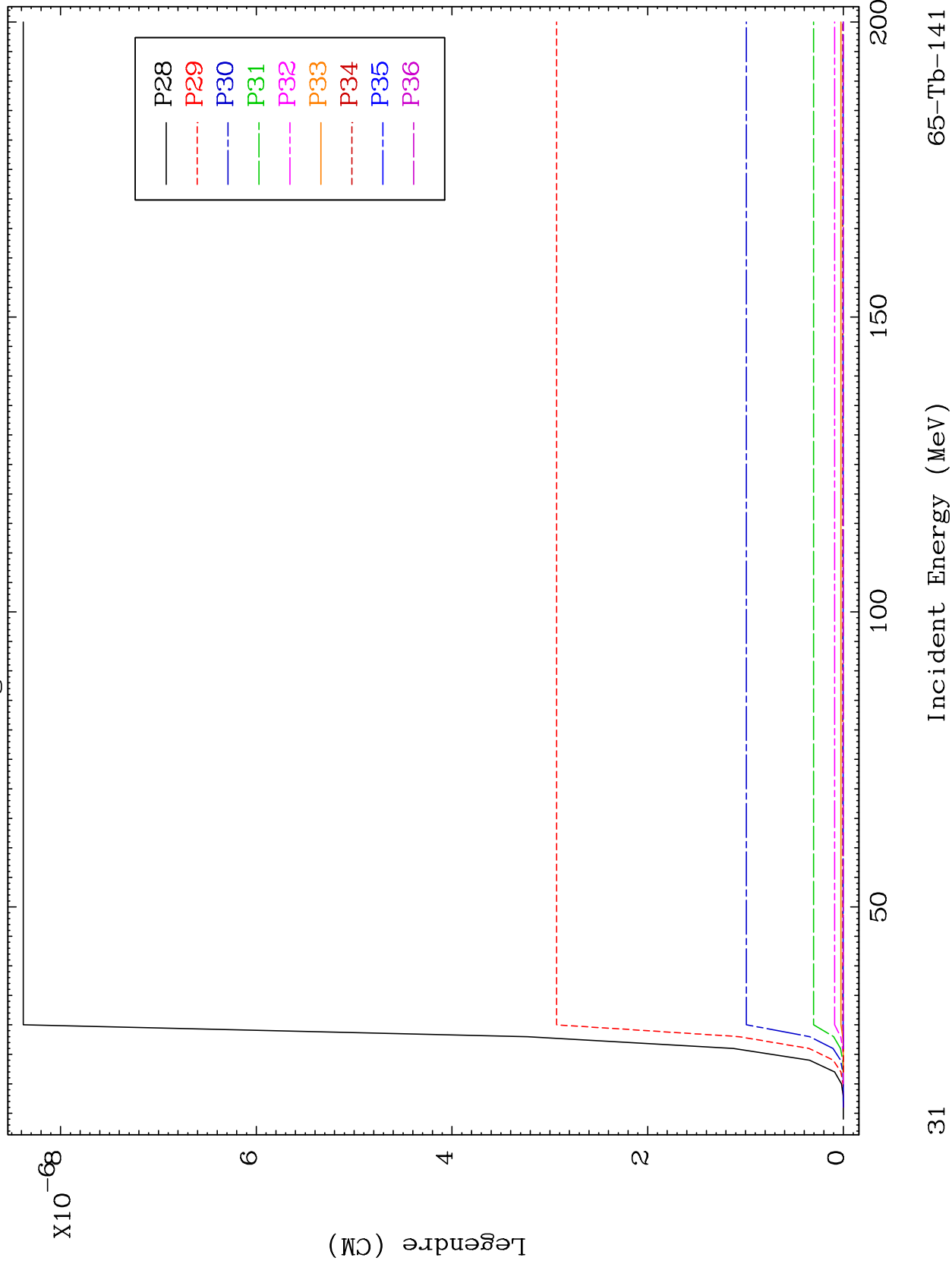
Incident Energy (MeV)

30

MAT 6471

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

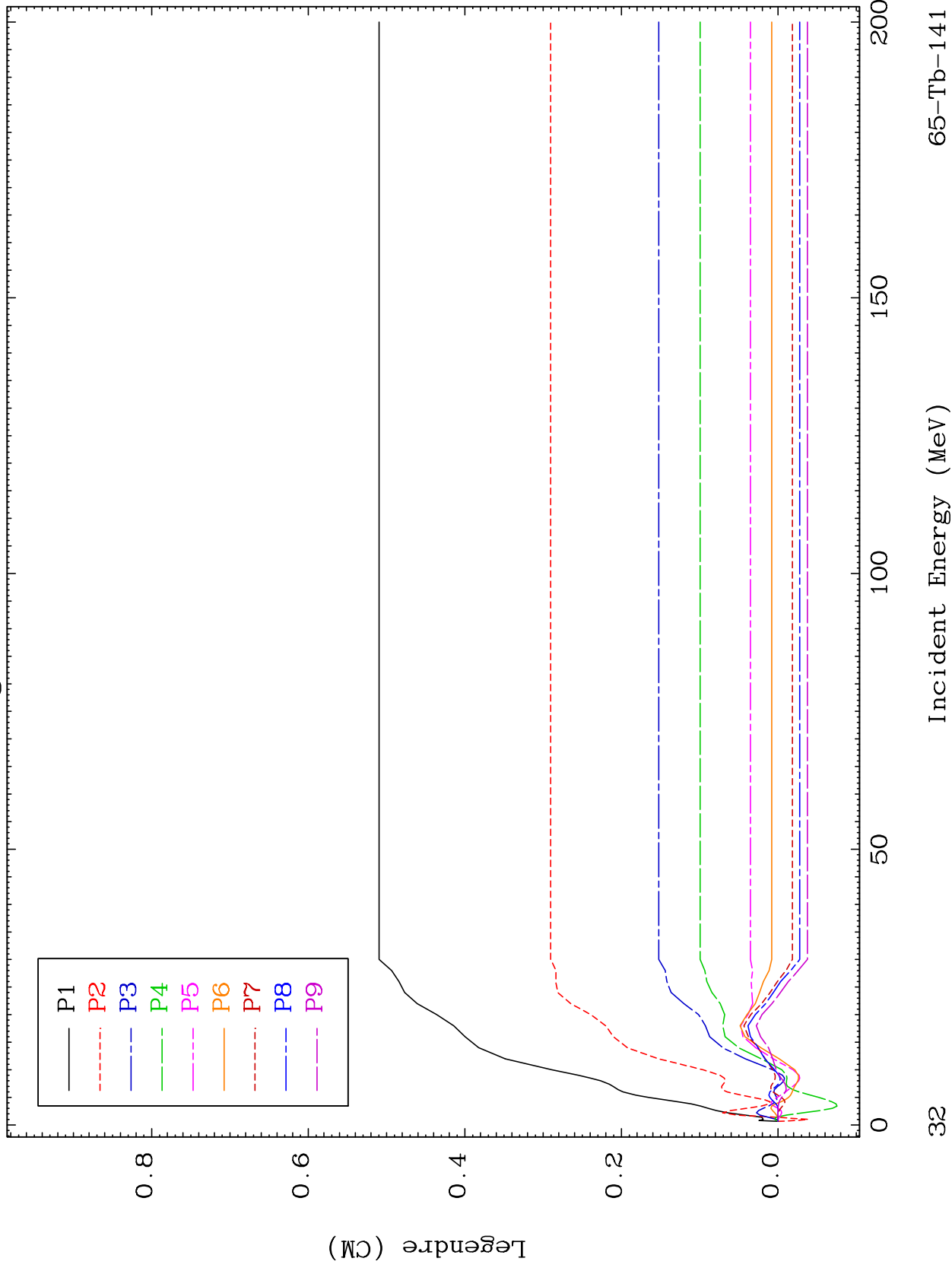
65-Tb-141



MAT 6471

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

65-Tb-141



65-Tb-141

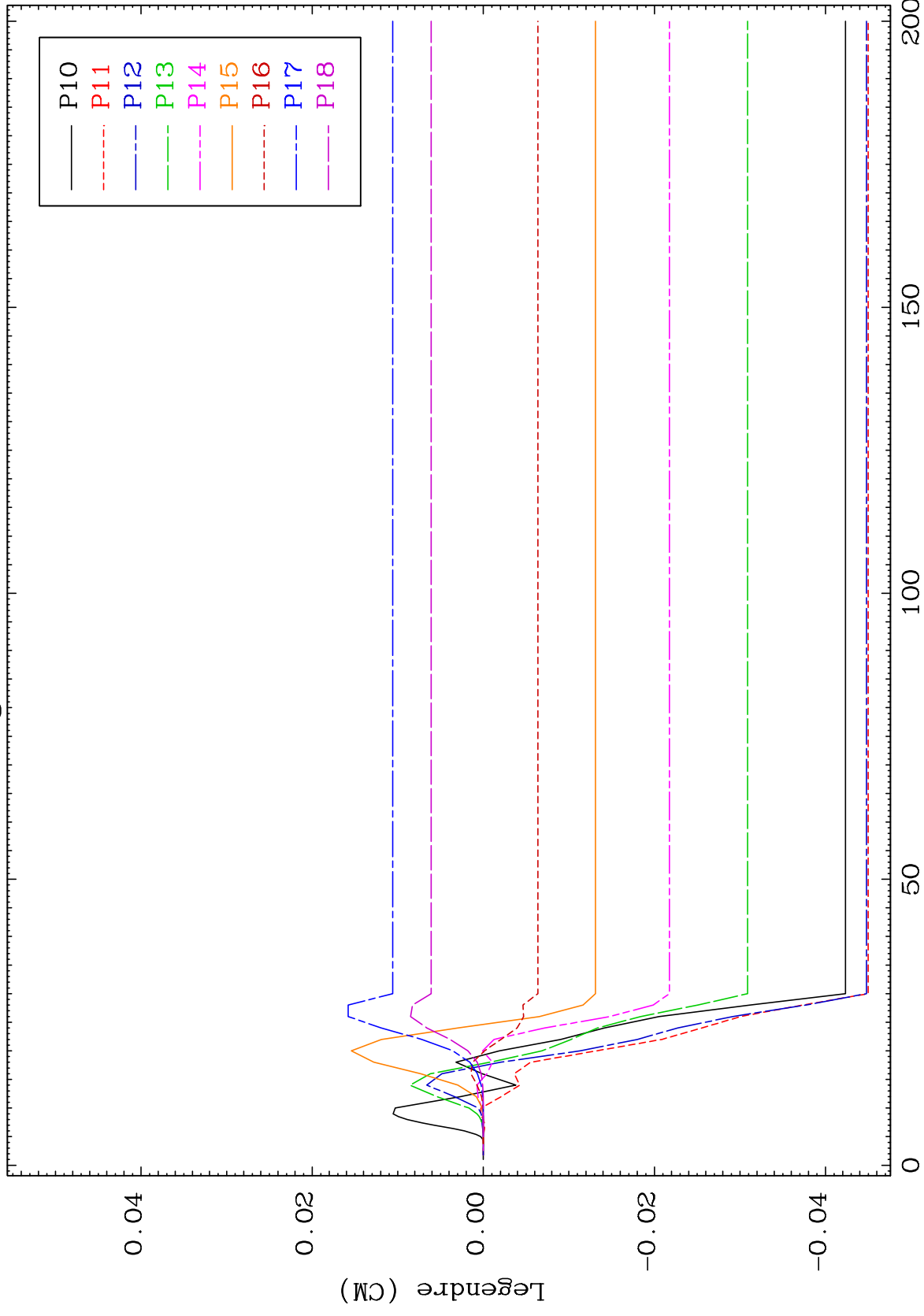
Incident Energy (MeV)

32

MAT 6471

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

65-Tb-141



33

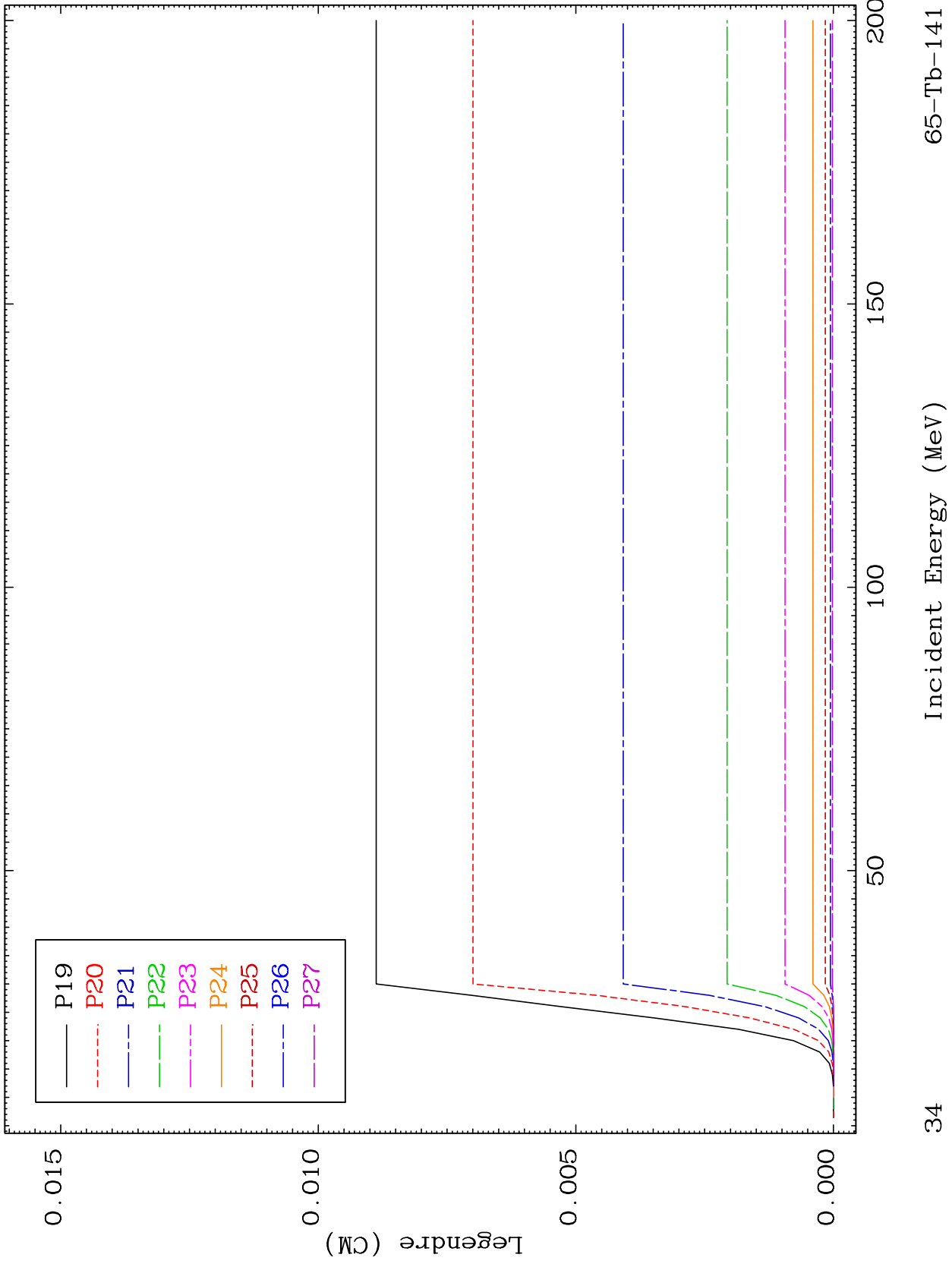
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



34

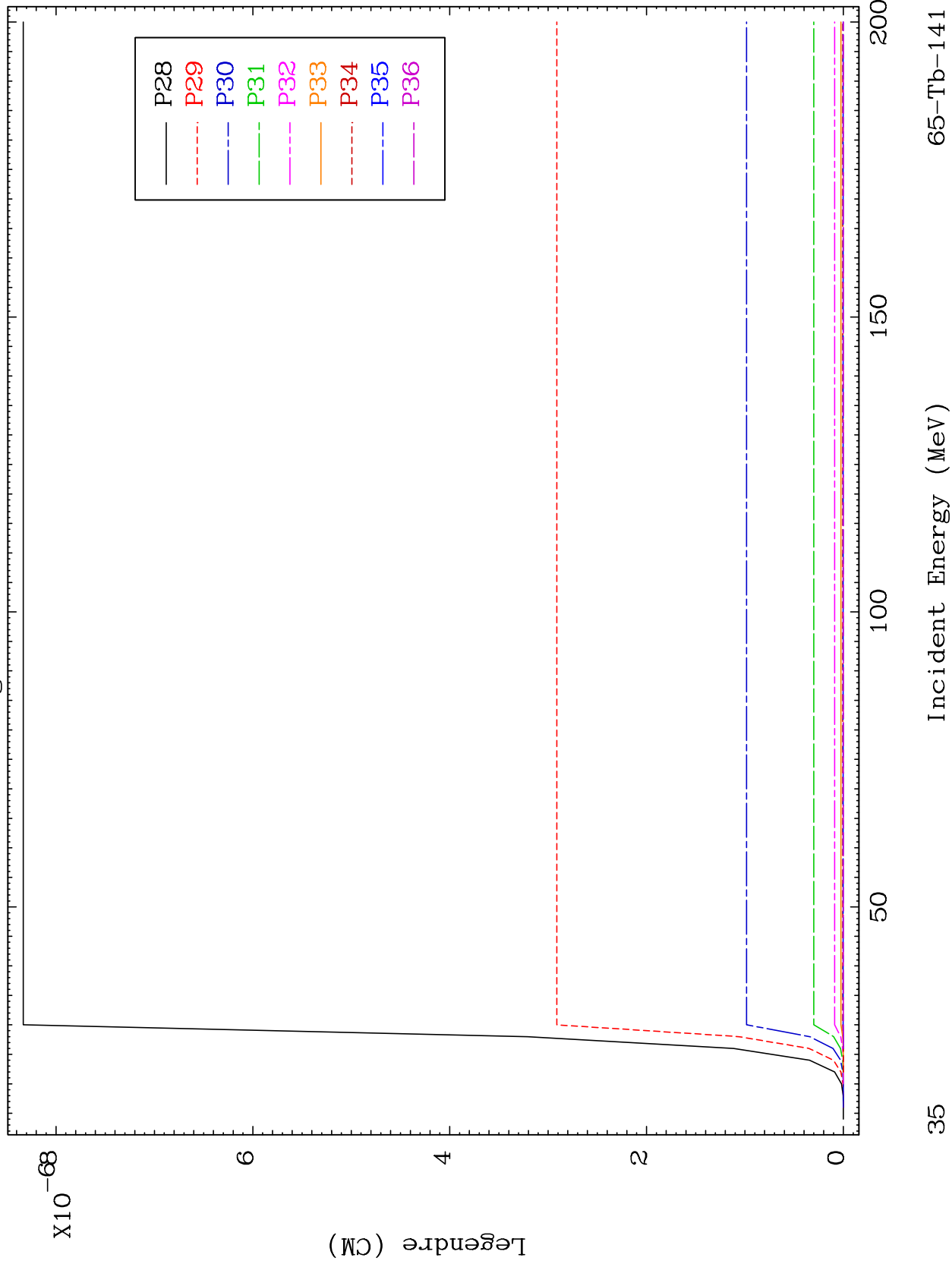
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

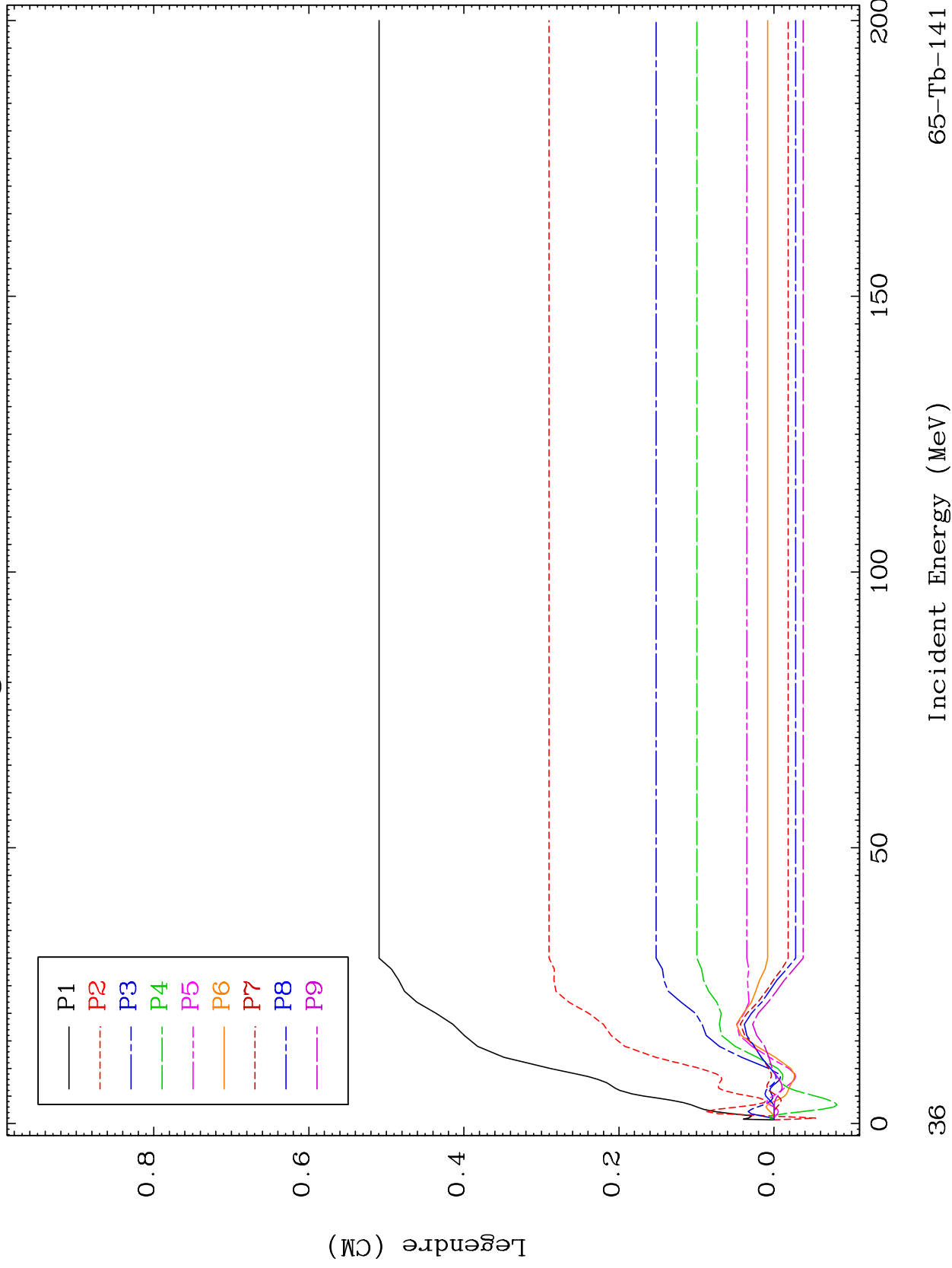
65-Tb-141



MAT 6471

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

65-Tb-141



36

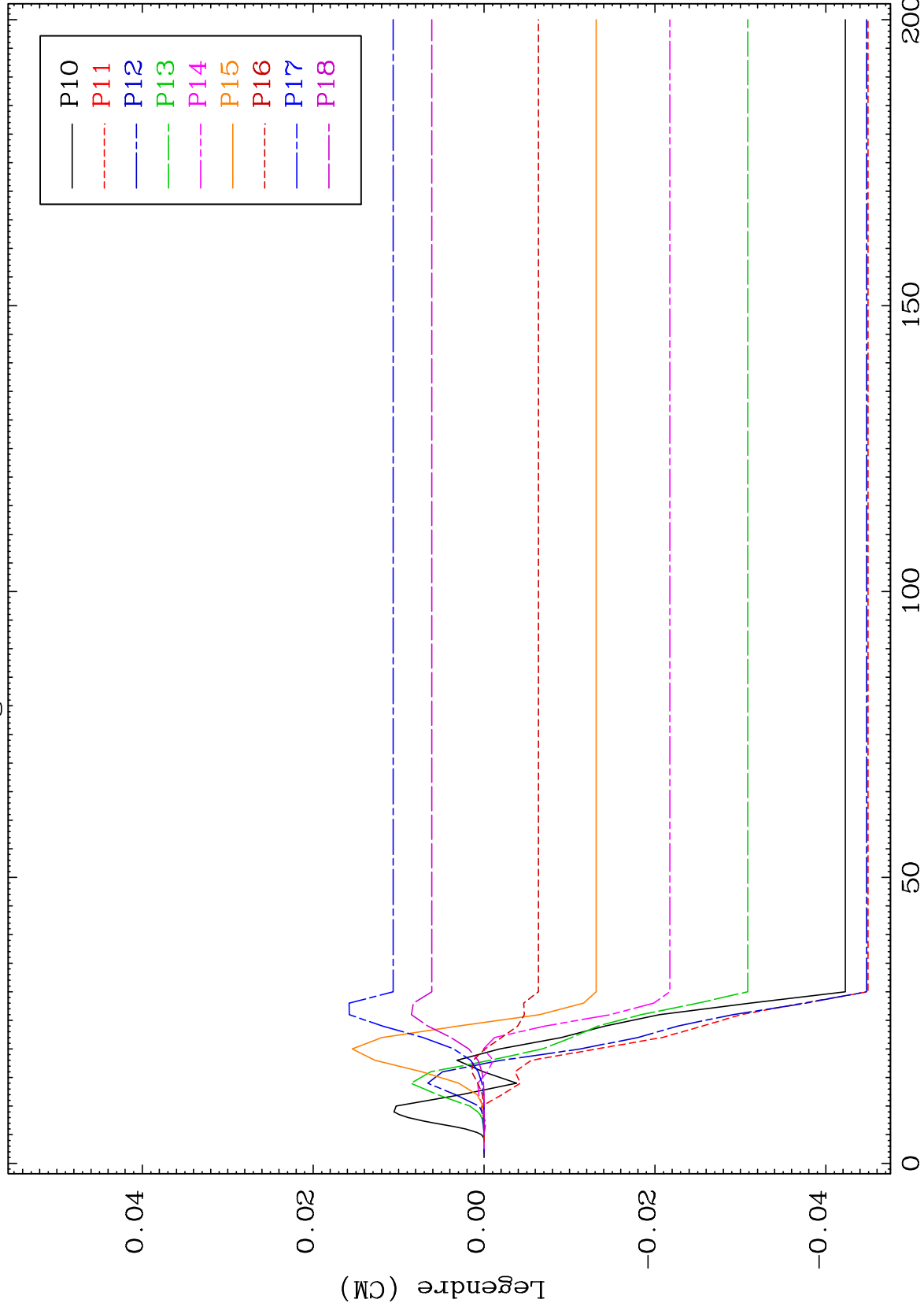
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



37

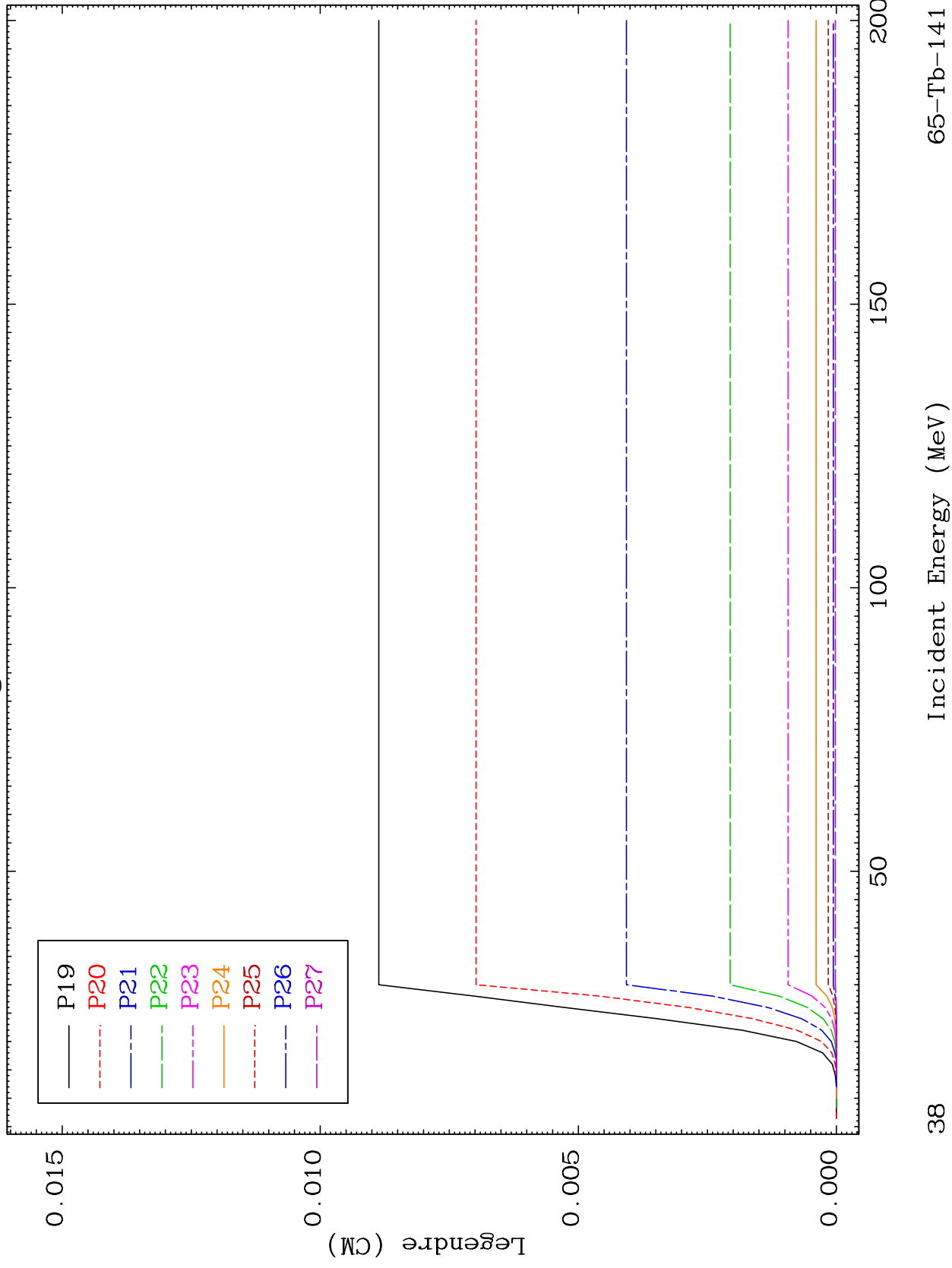
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



38

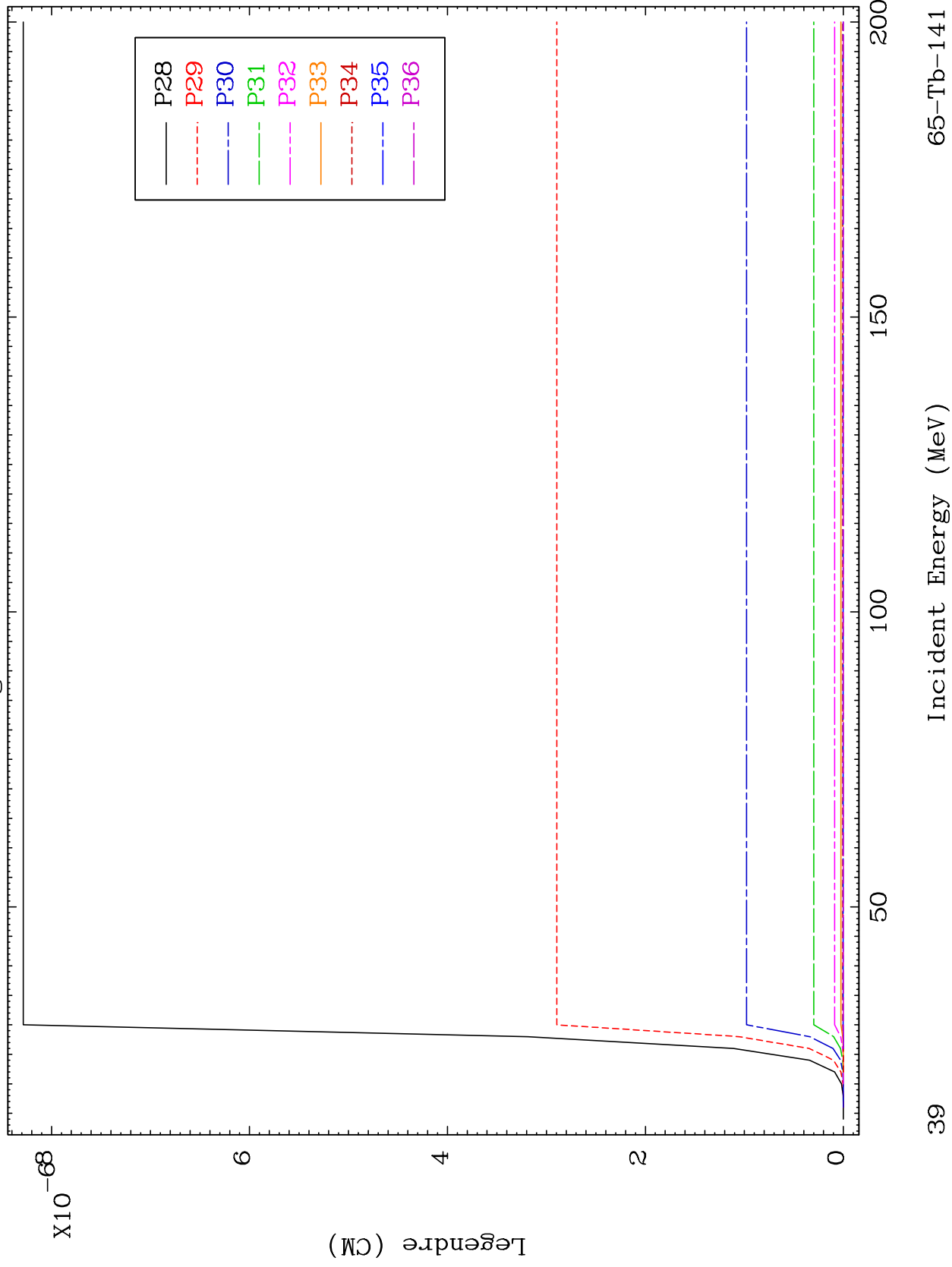
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



39

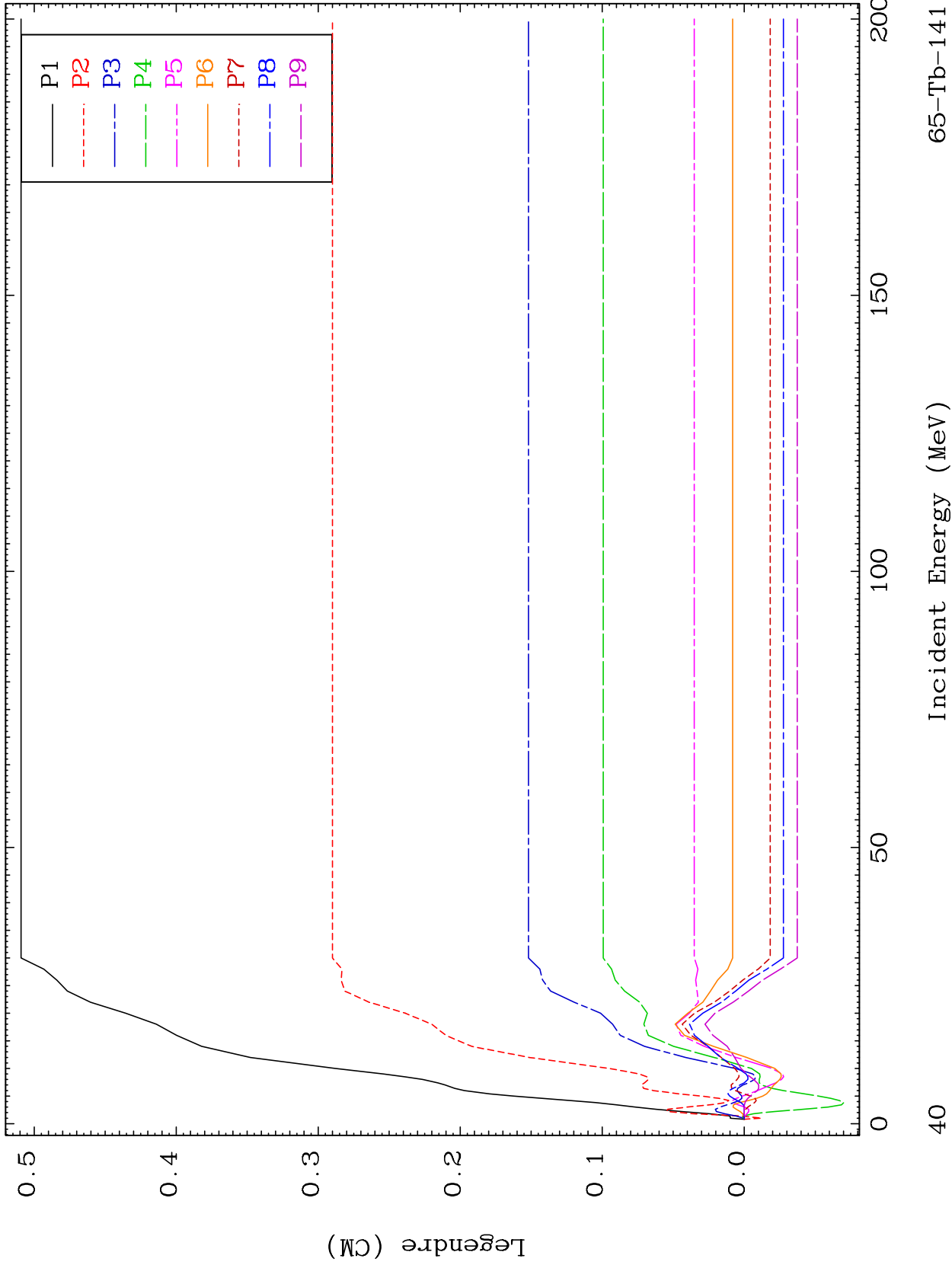
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



65-Tb-141

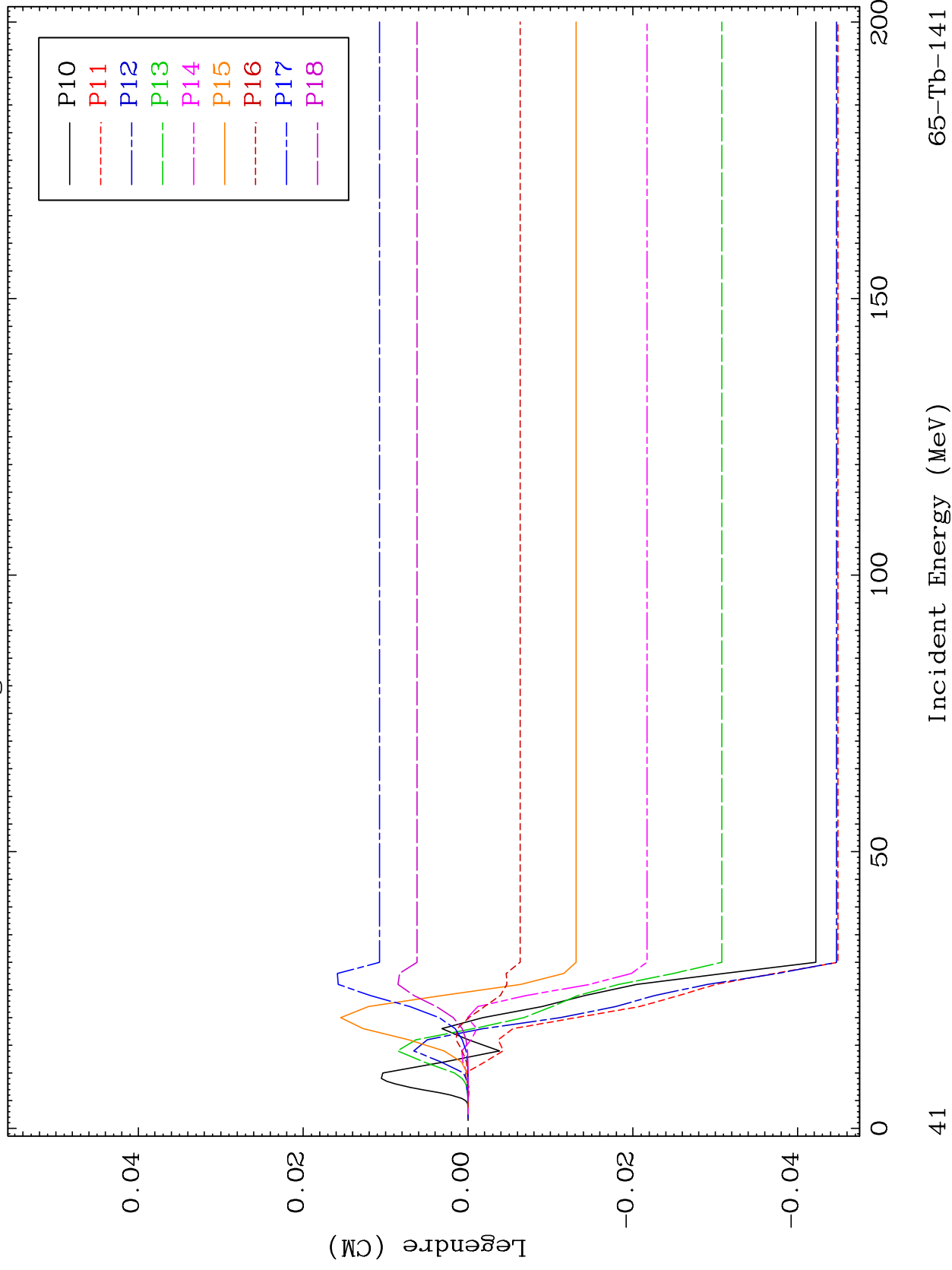
Incident Energy (MeV)

40

MAT 6471

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

65-Tb-141



41

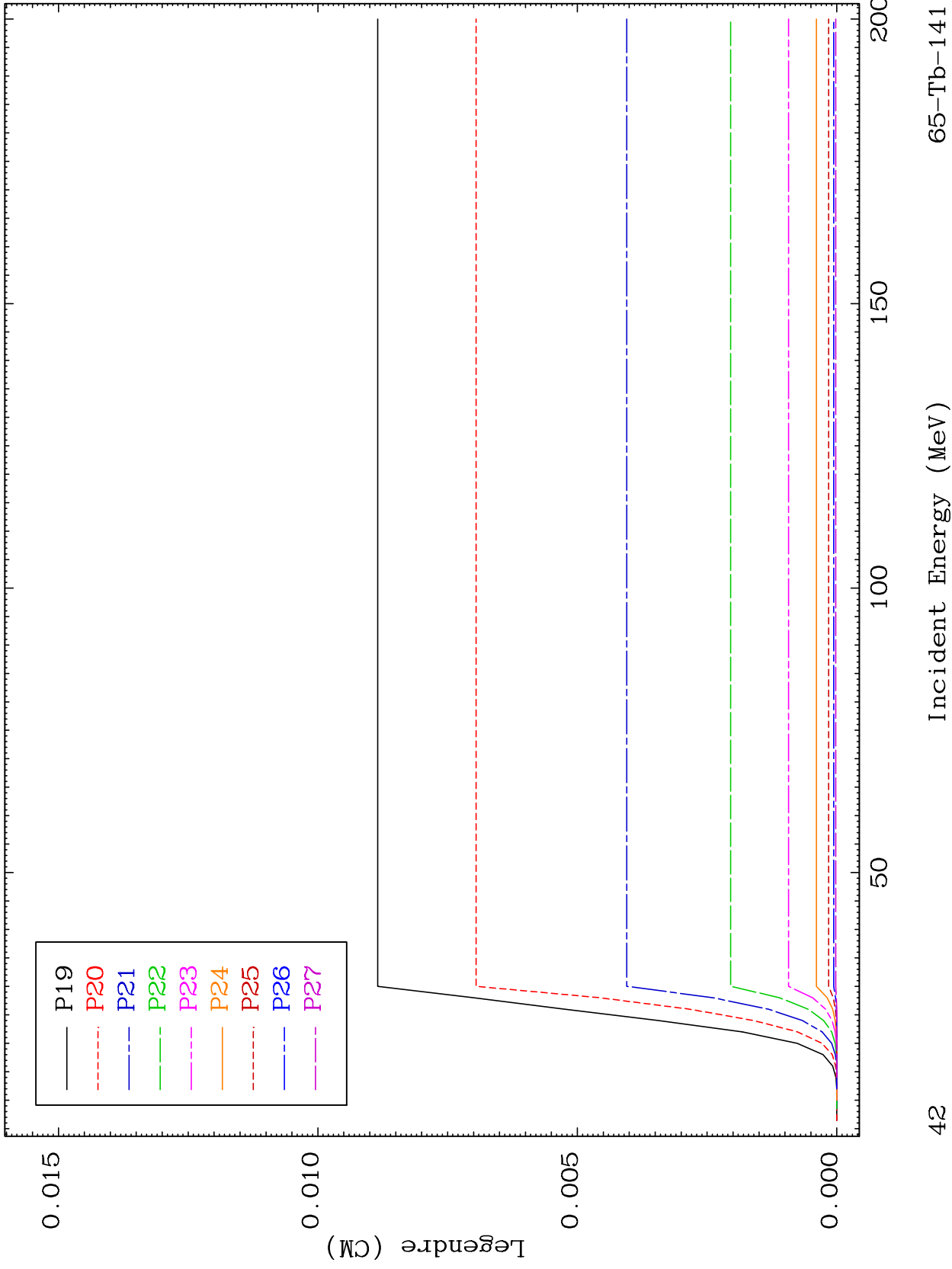
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



42

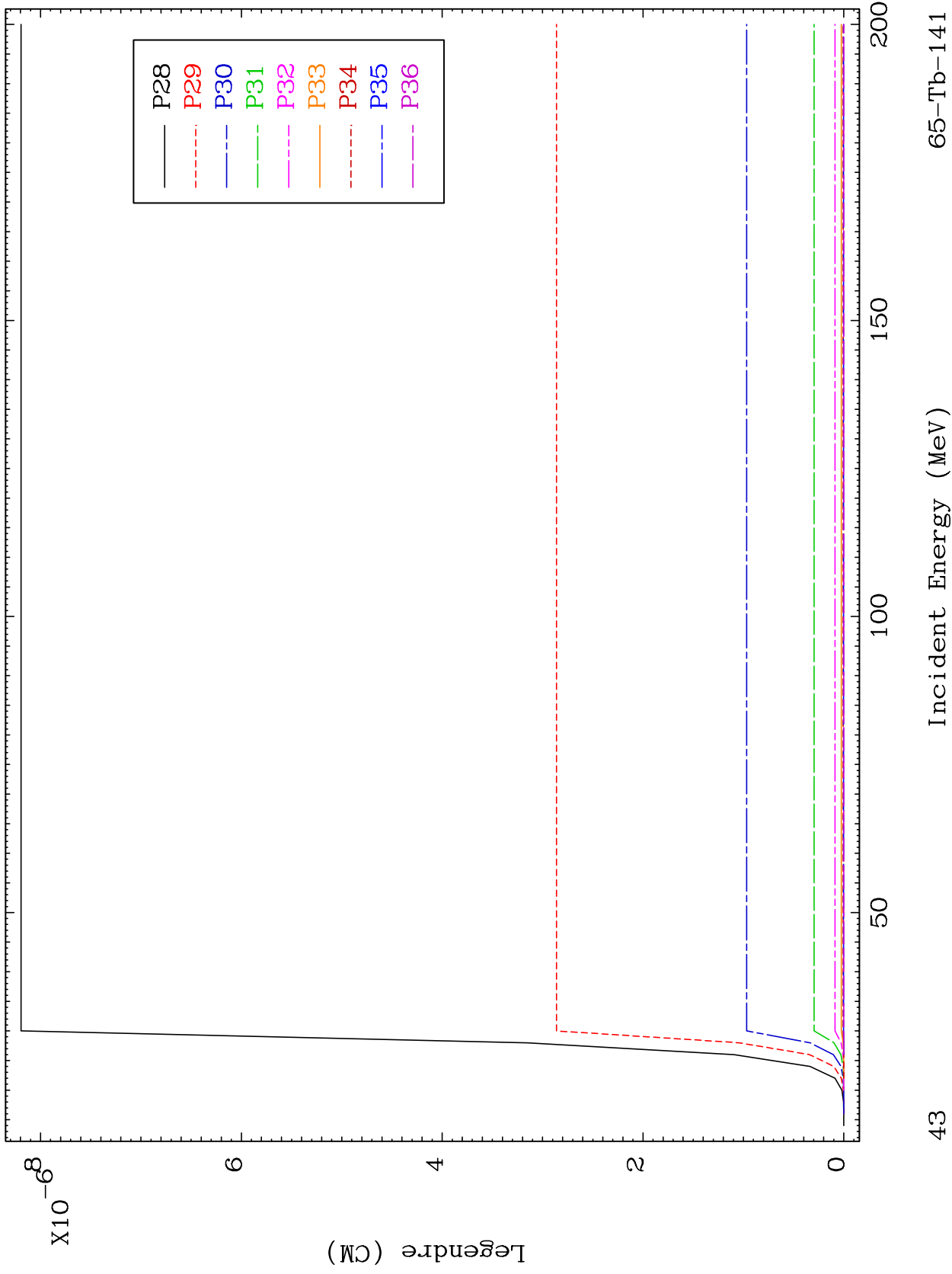
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



43

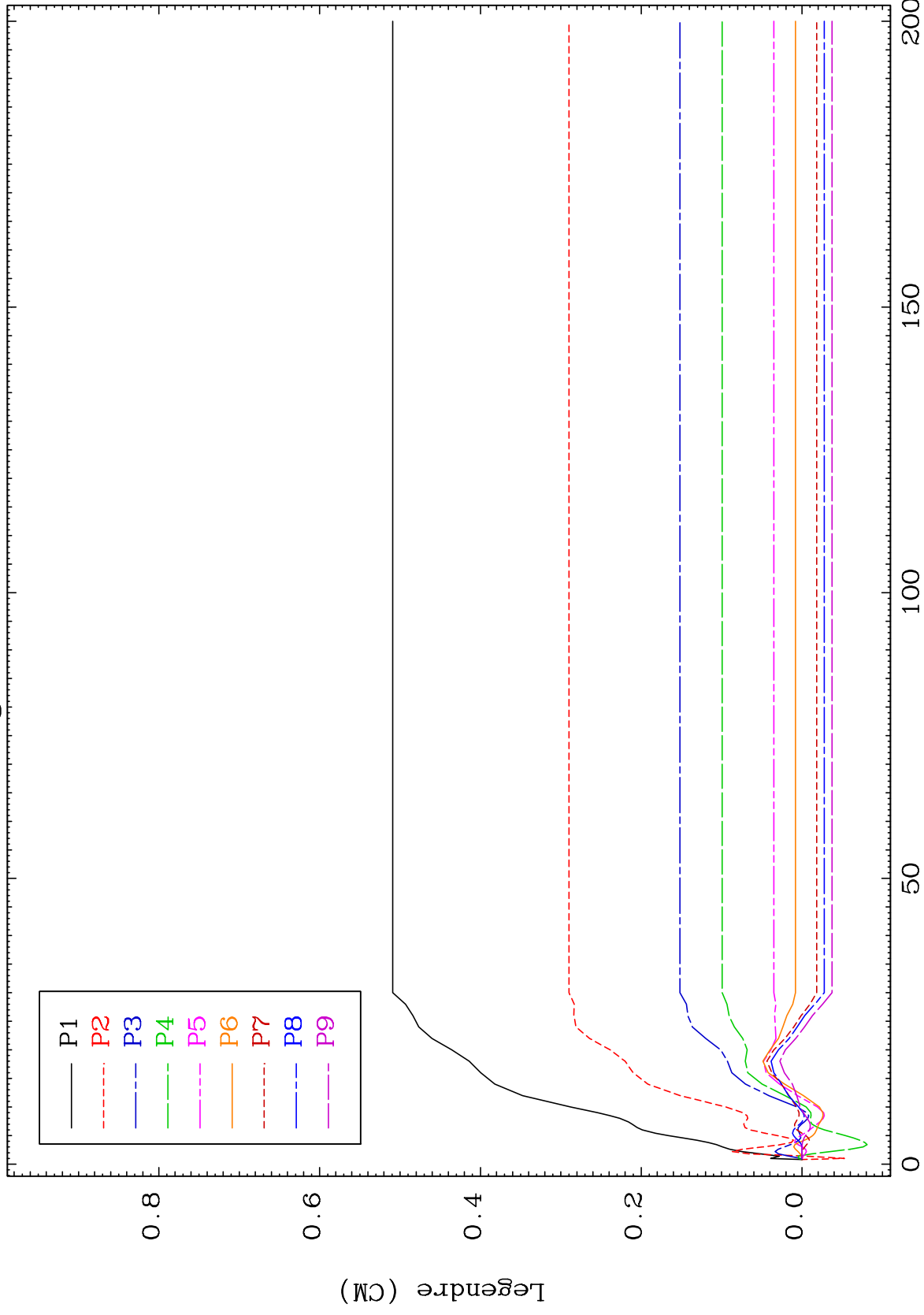
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



44

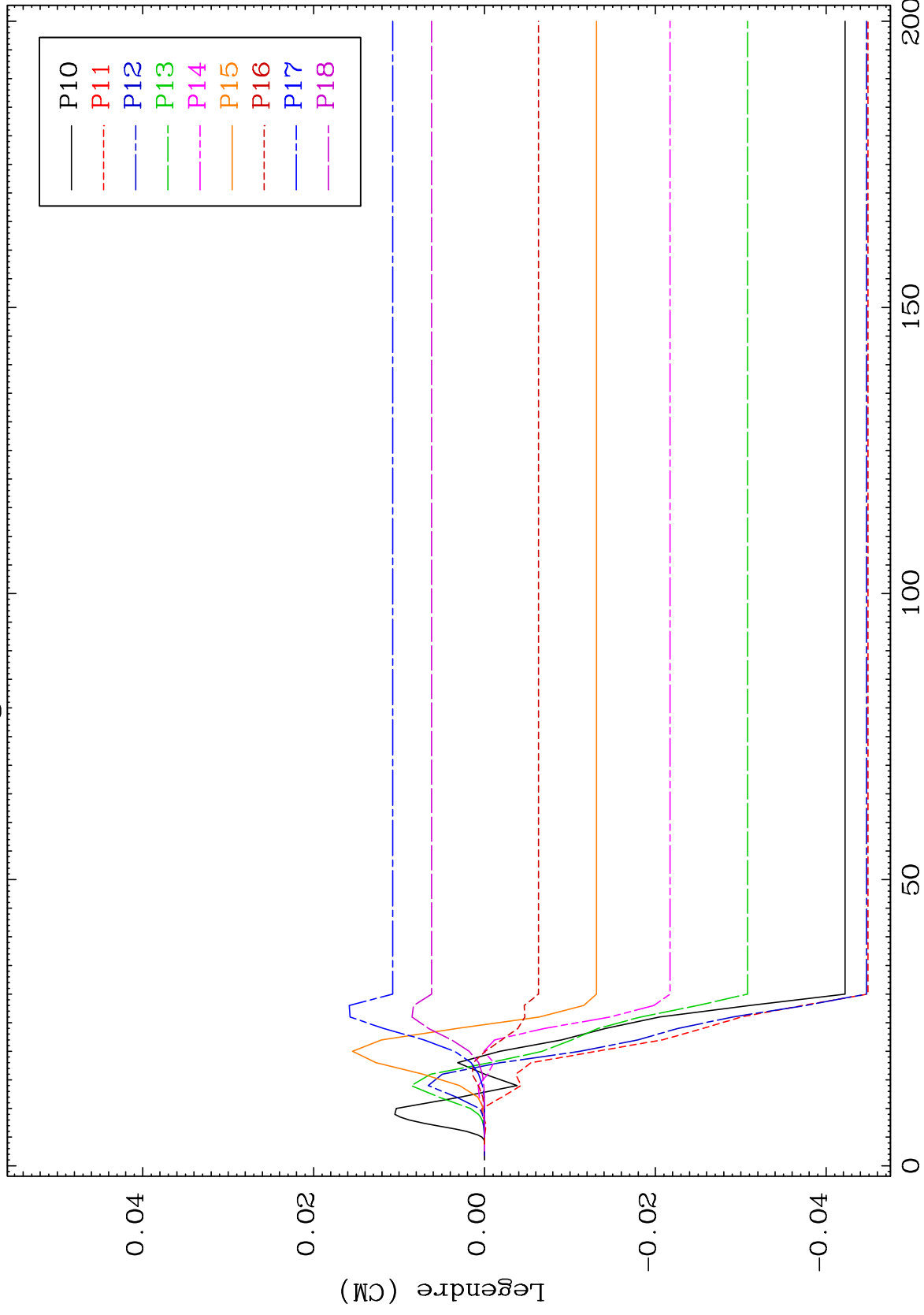
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



45

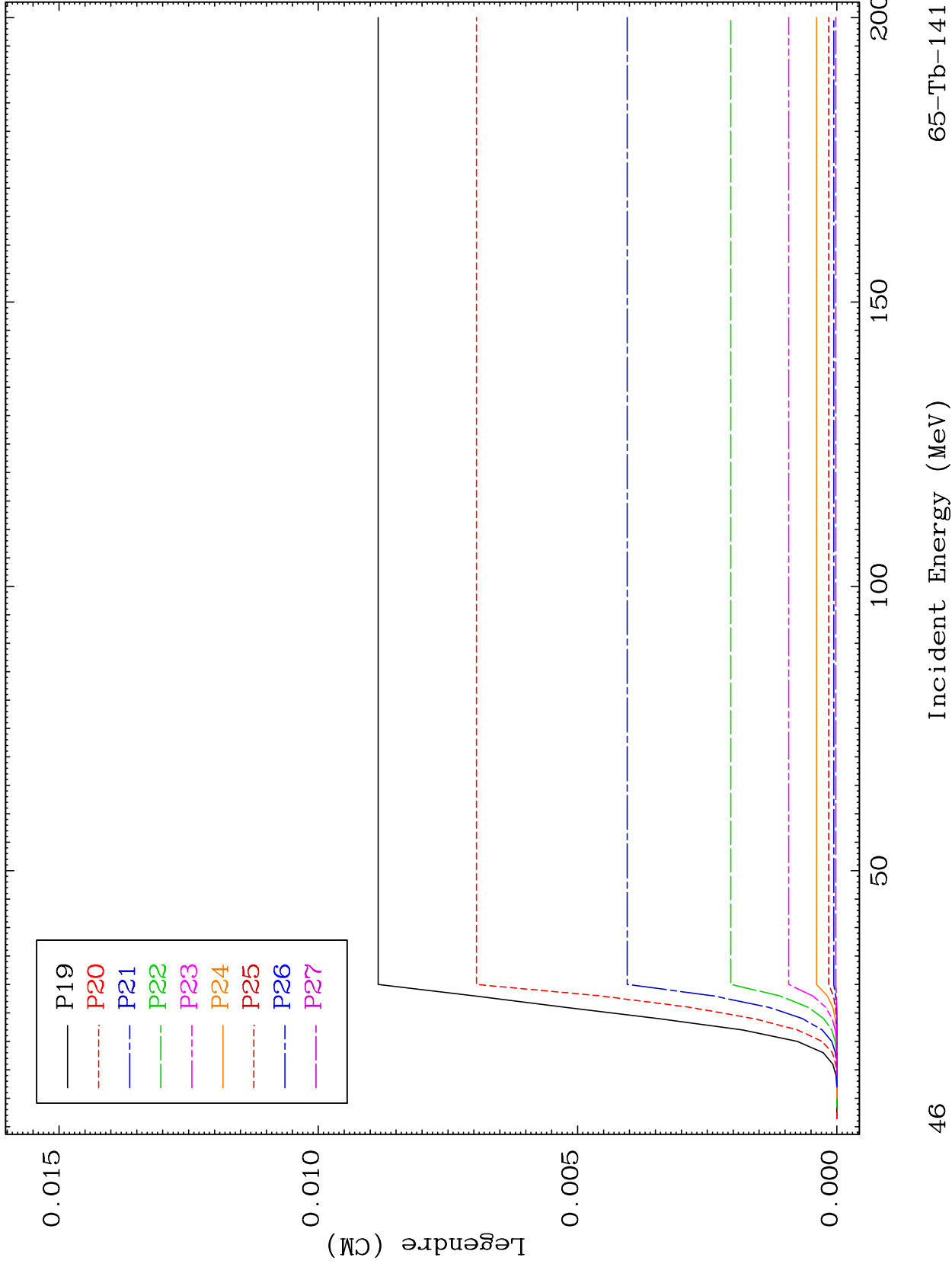
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



46

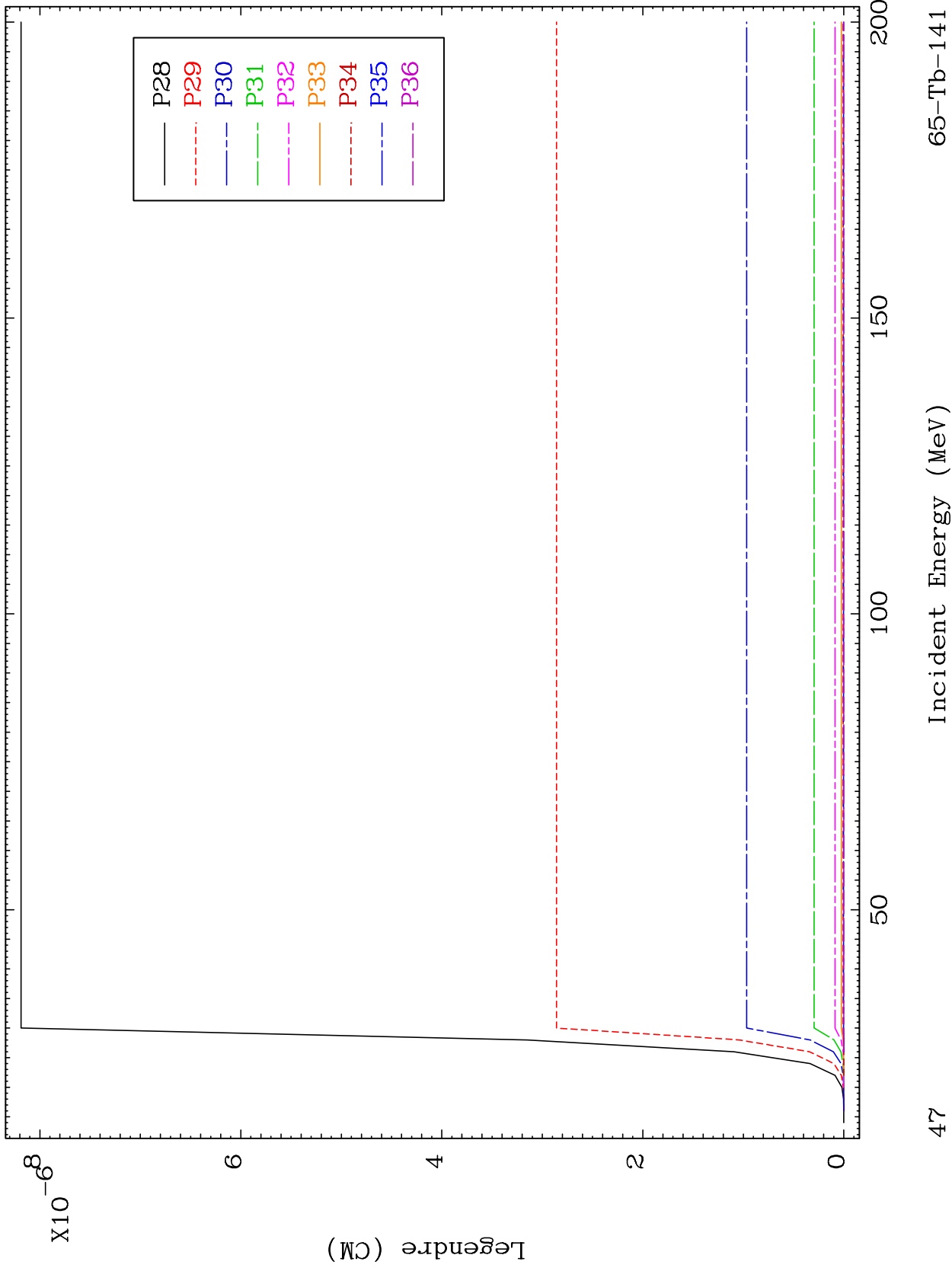
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

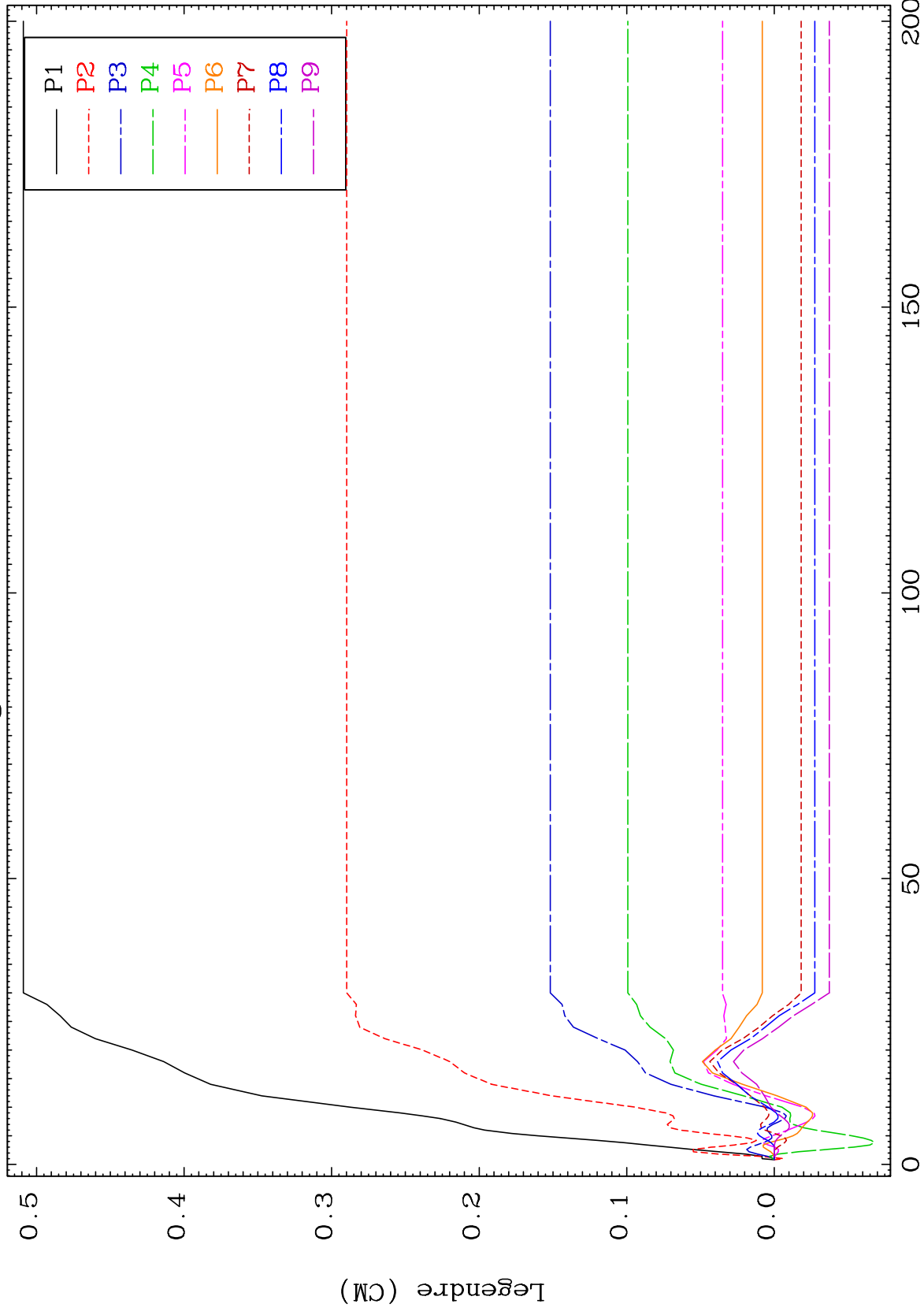
65-Tb-141



MAT 6471

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

65-Tb-141



48

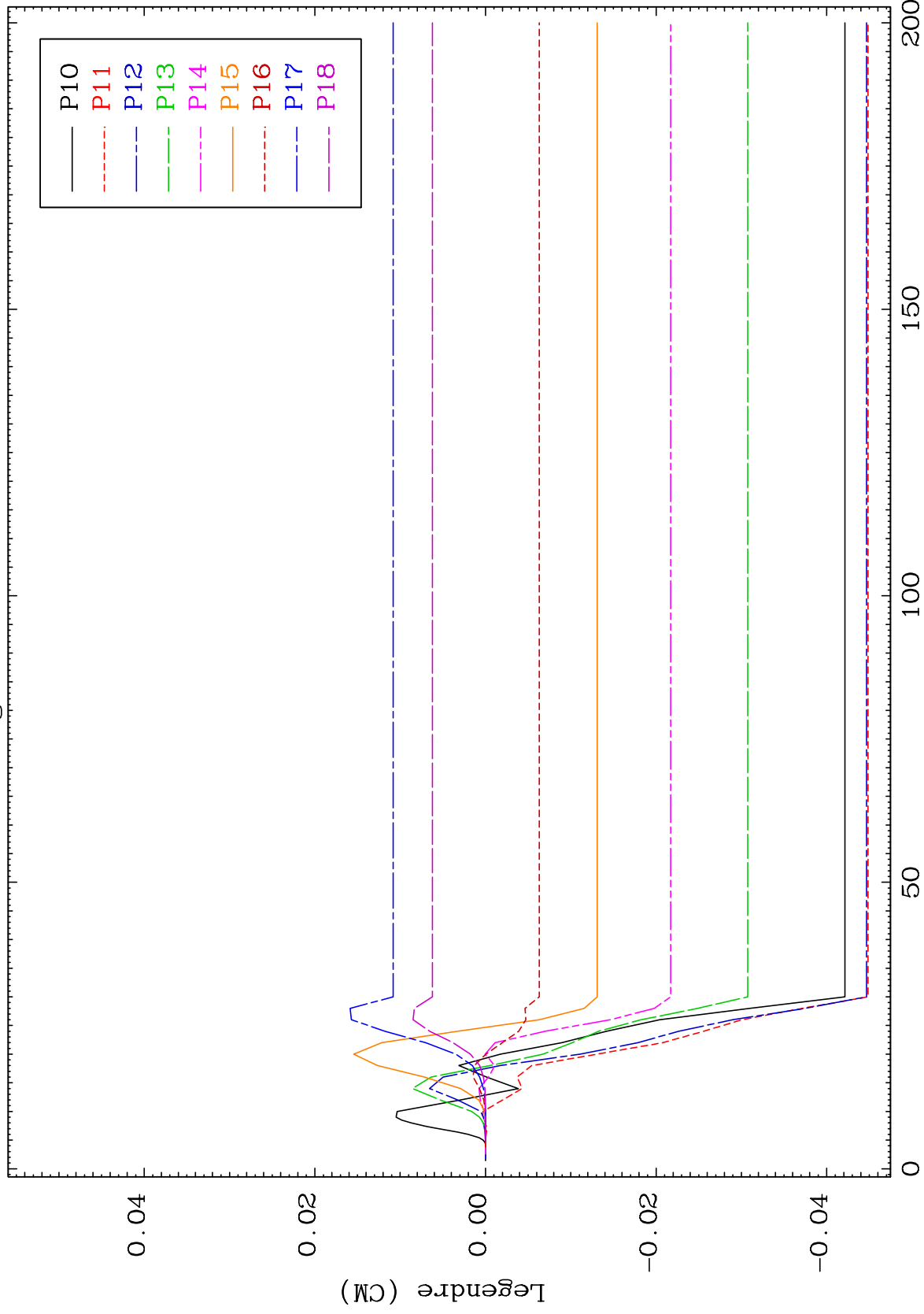
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



49

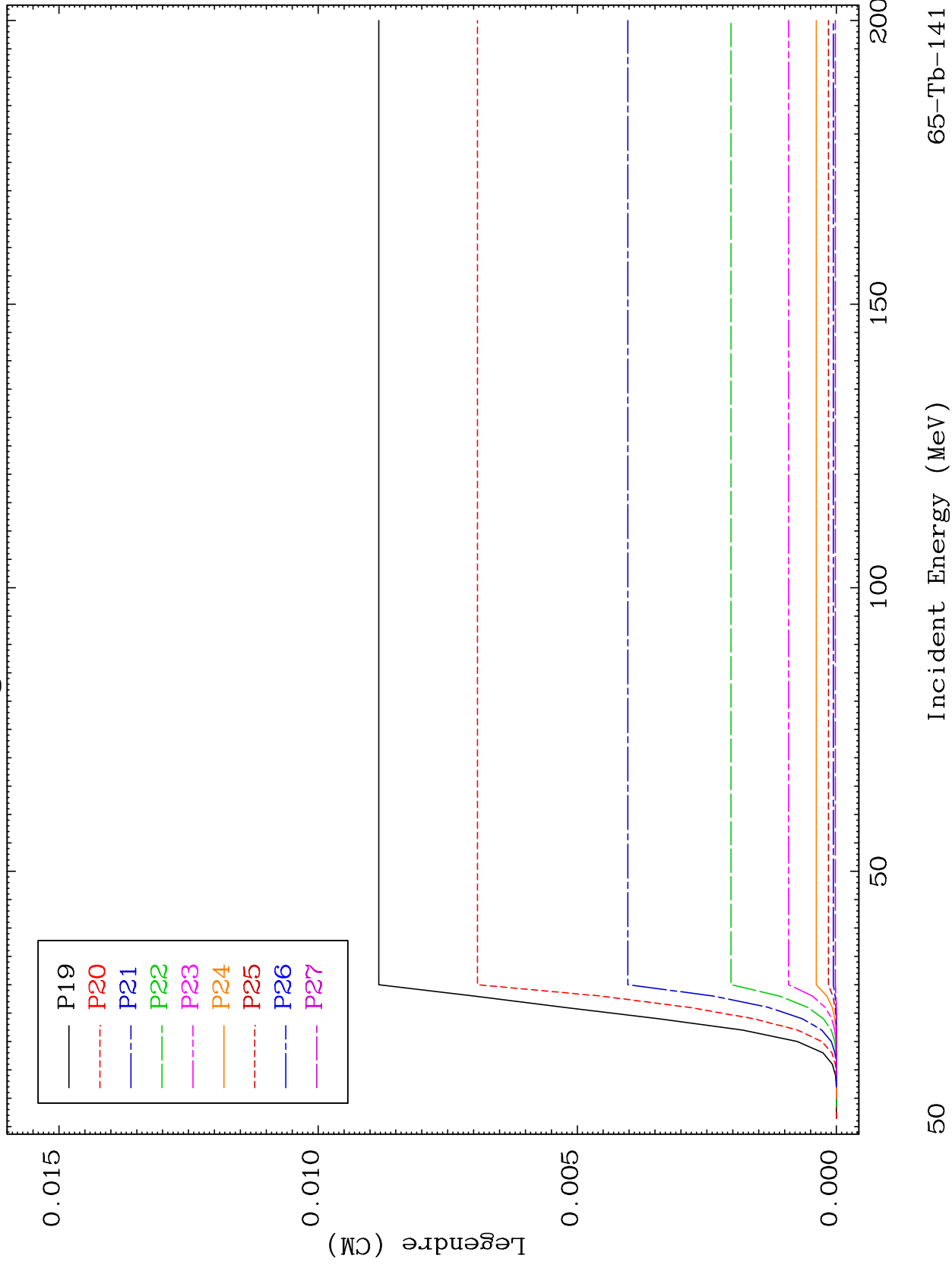
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

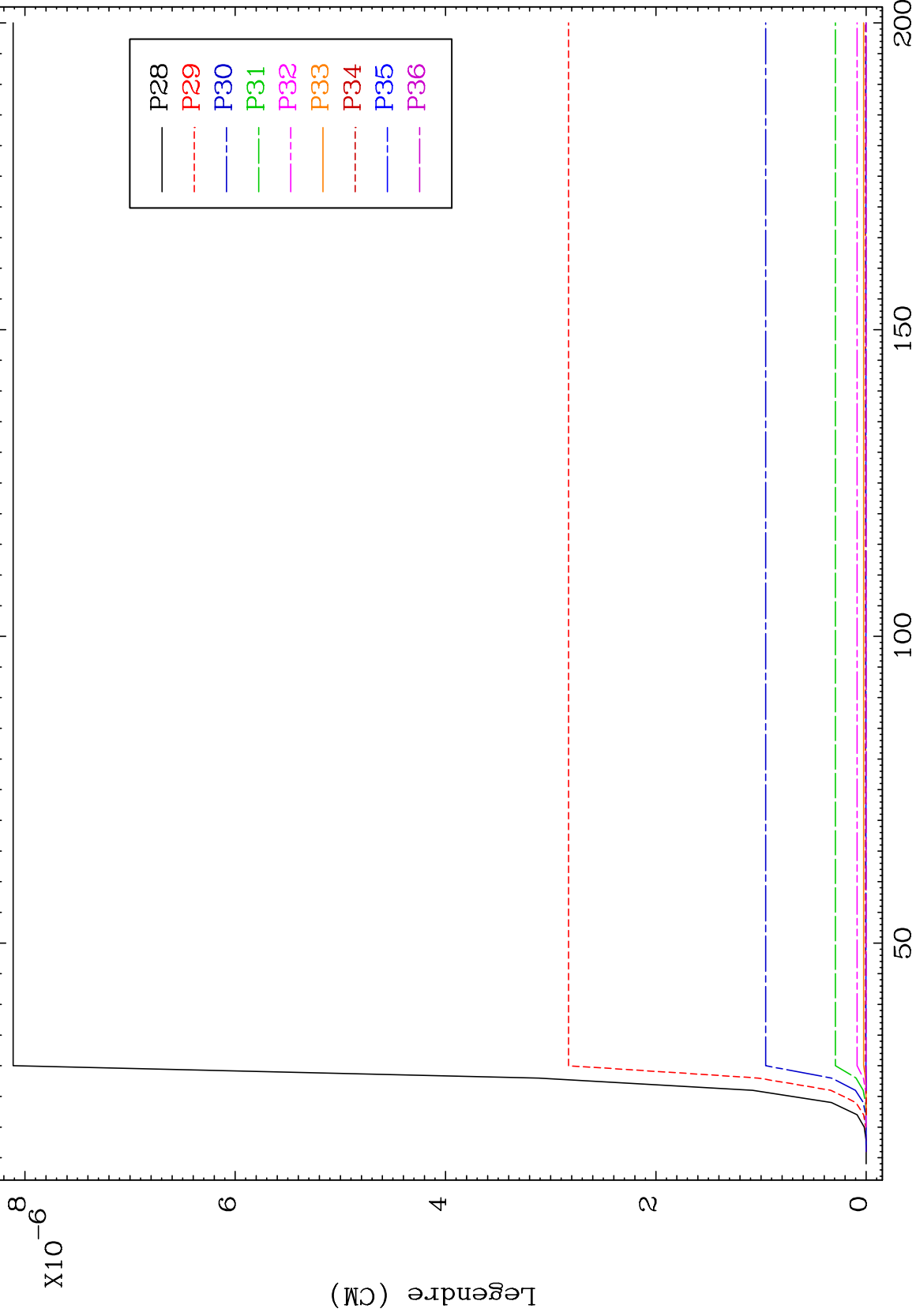
65-Tb-141



MAT 6471

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

65-Tb-141



51

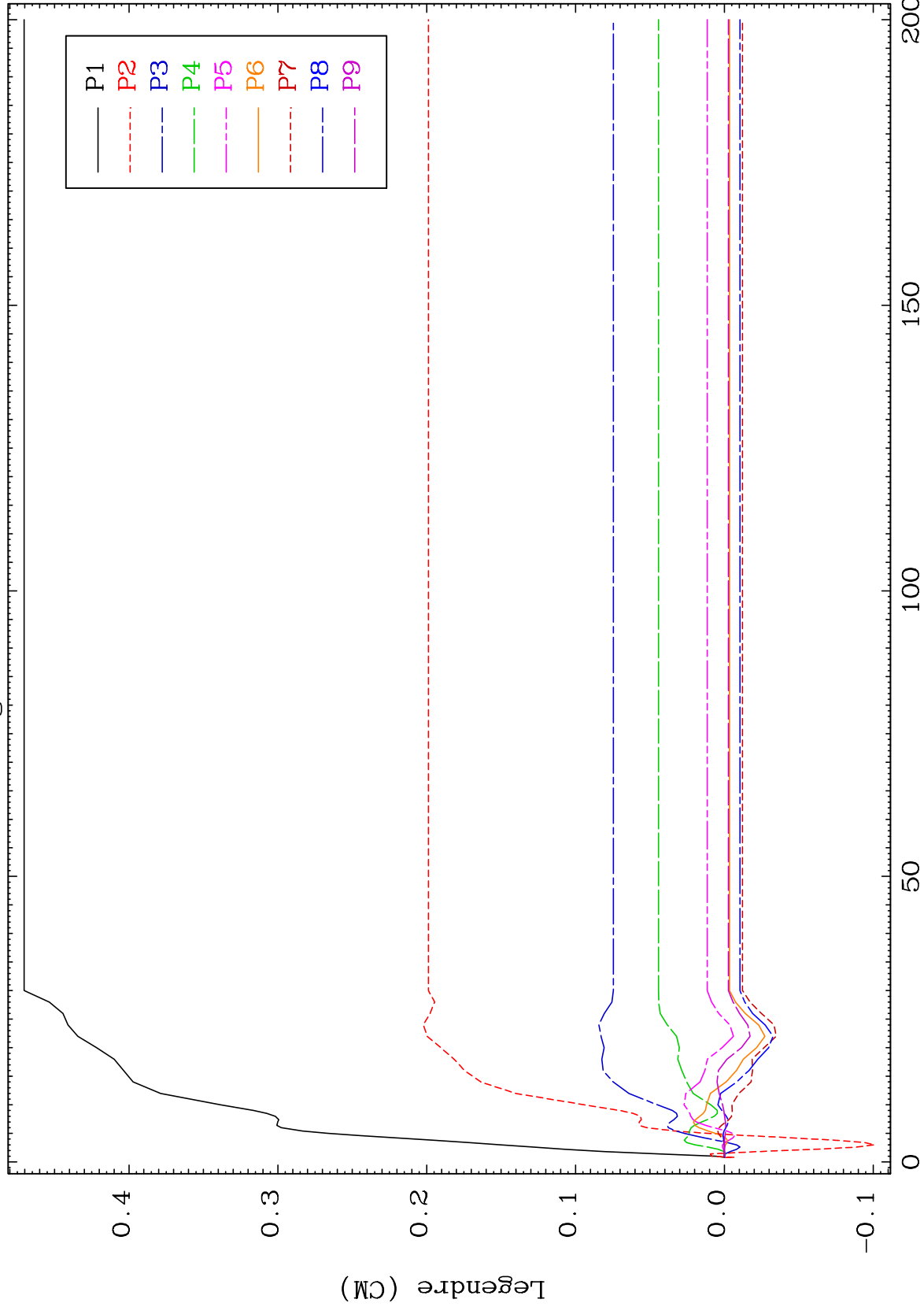
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

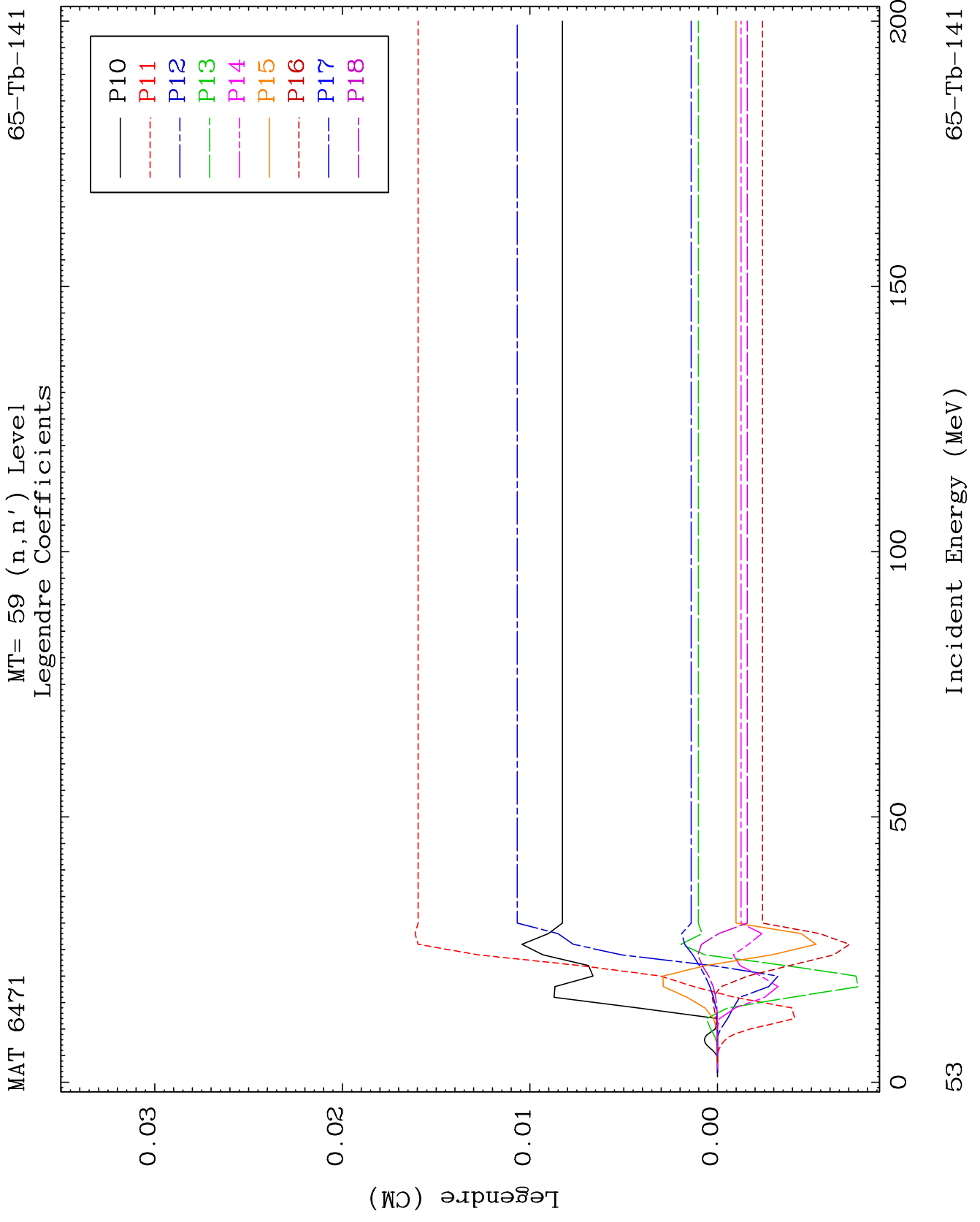
65-Tb-141



52

Incident Energy (MeV)

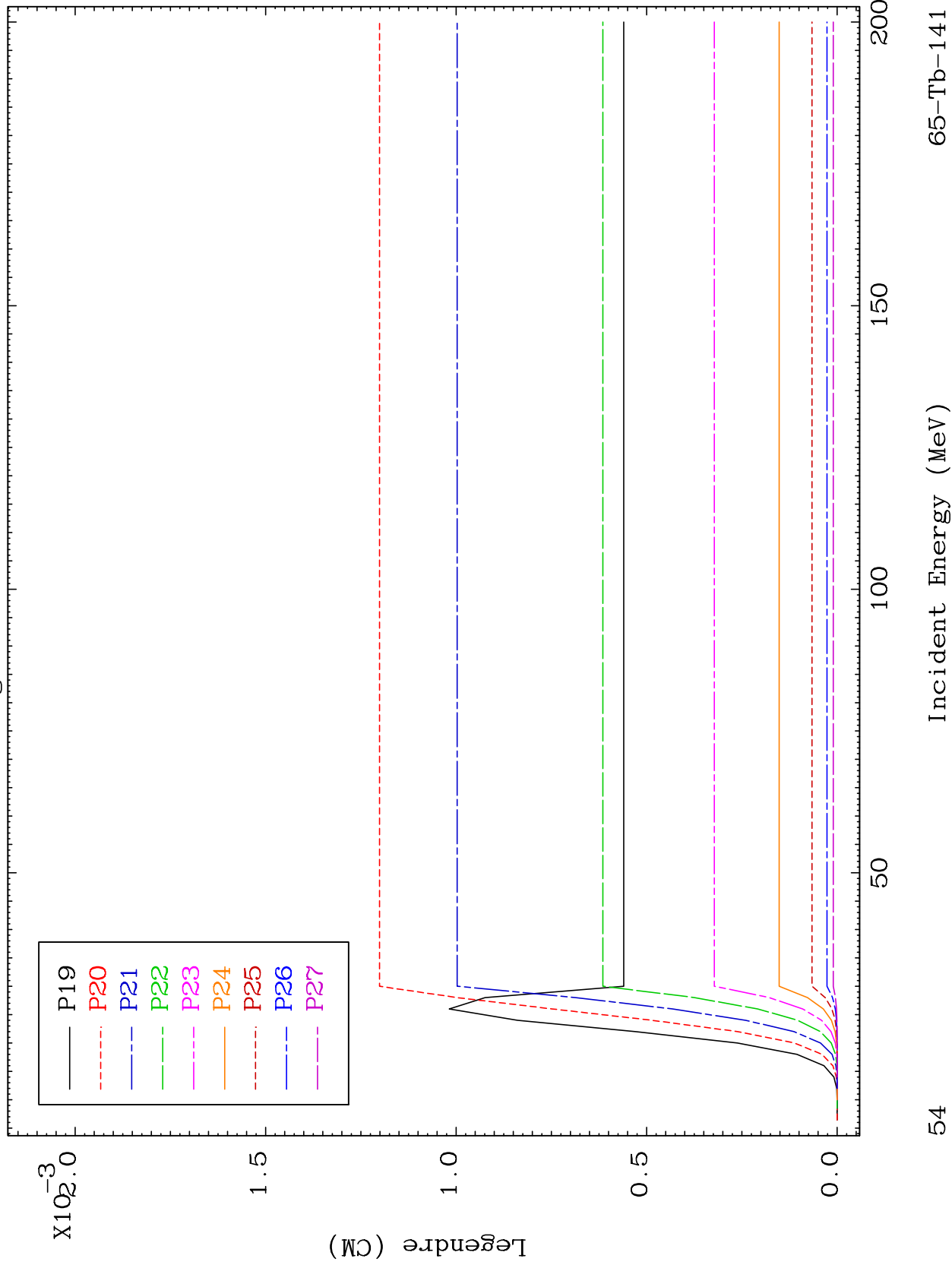
65-Tb-141



MAT 6471

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

65-Tb-141



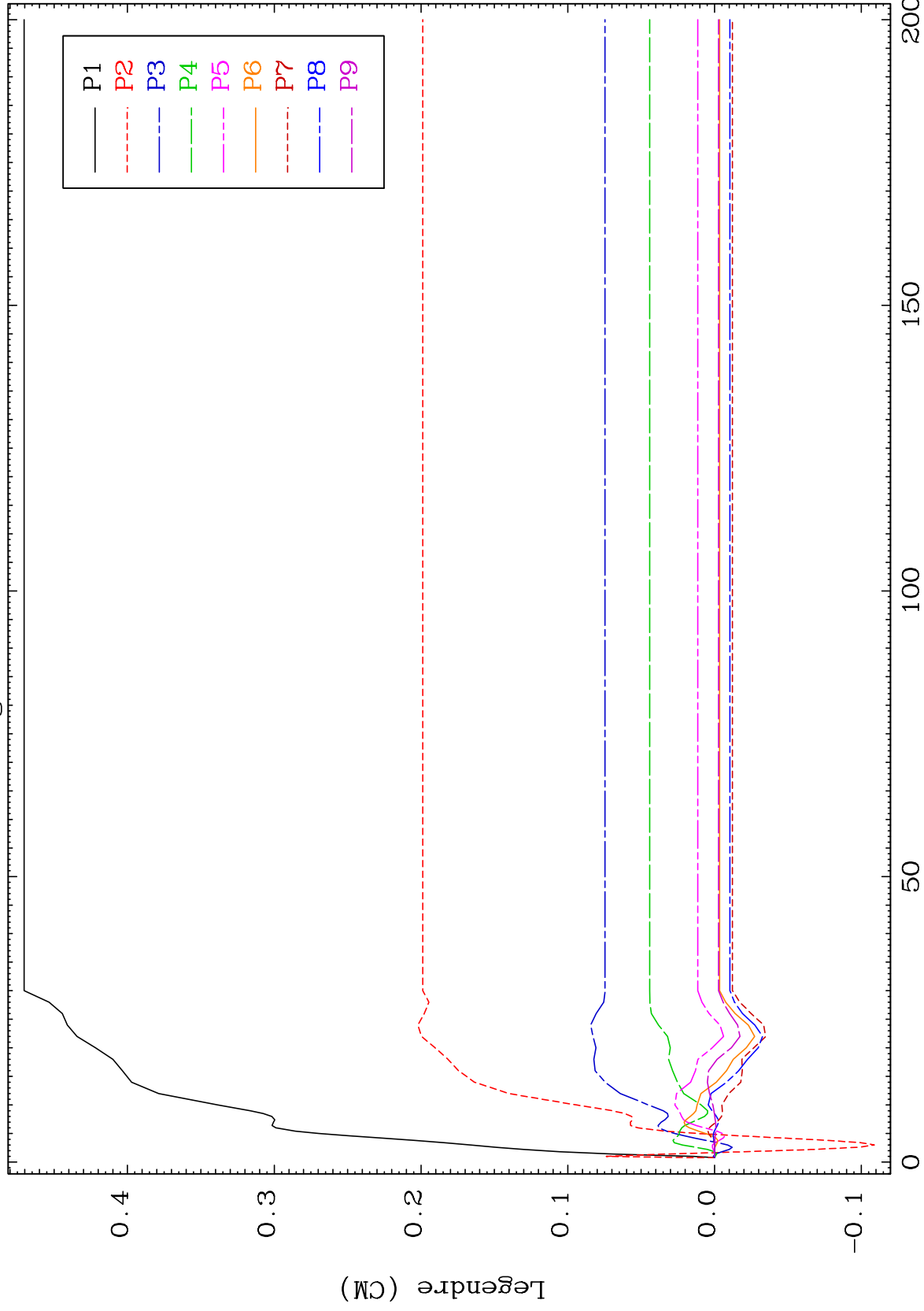
54

200

MAT 6471

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

65-Tb-141



56

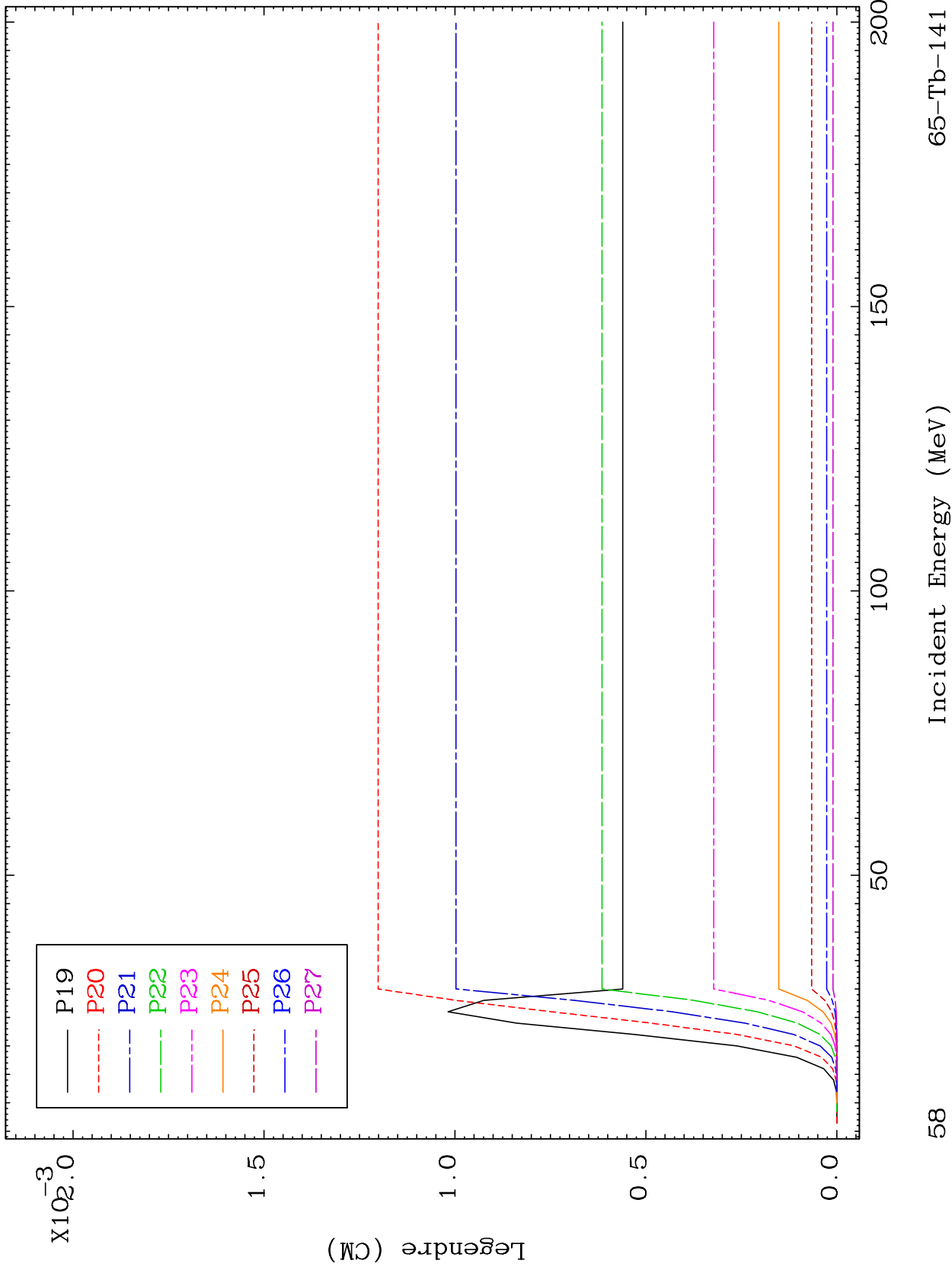
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



58

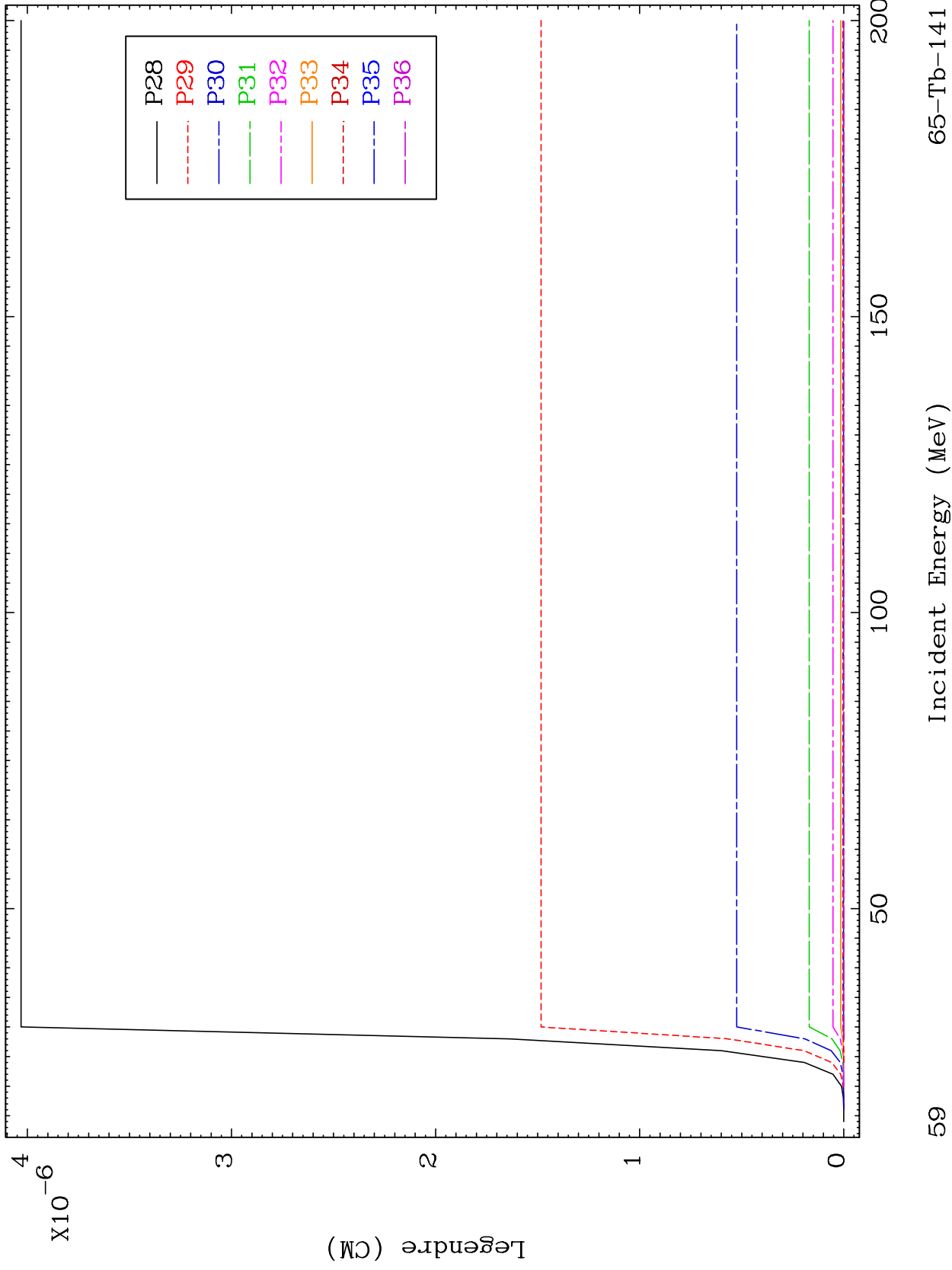
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



59

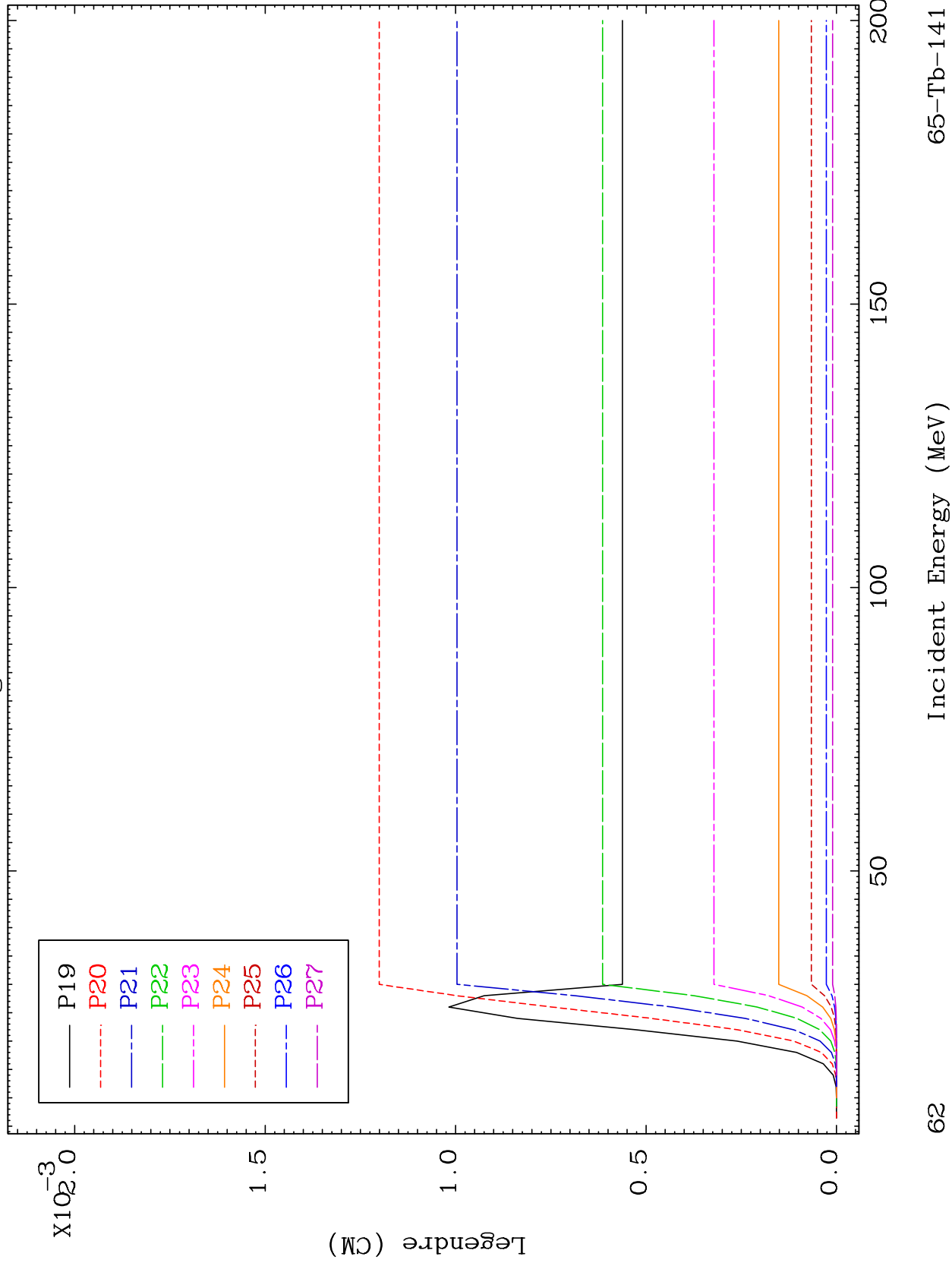
Incident Energy (MeV)

65-Tb-141

MAT 6471

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

65-Tb-141



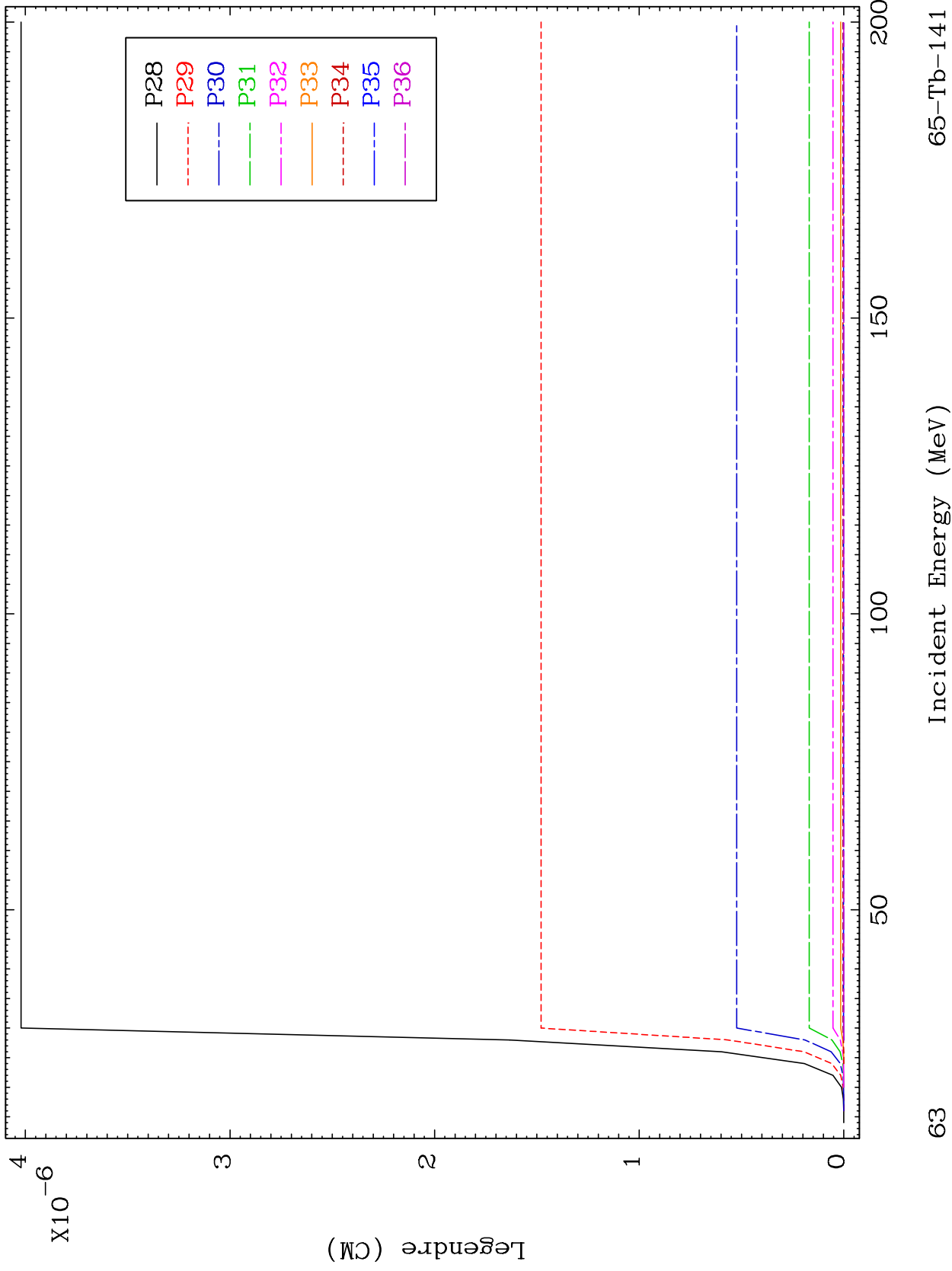
62

65-Tb-141

MAT 6471

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

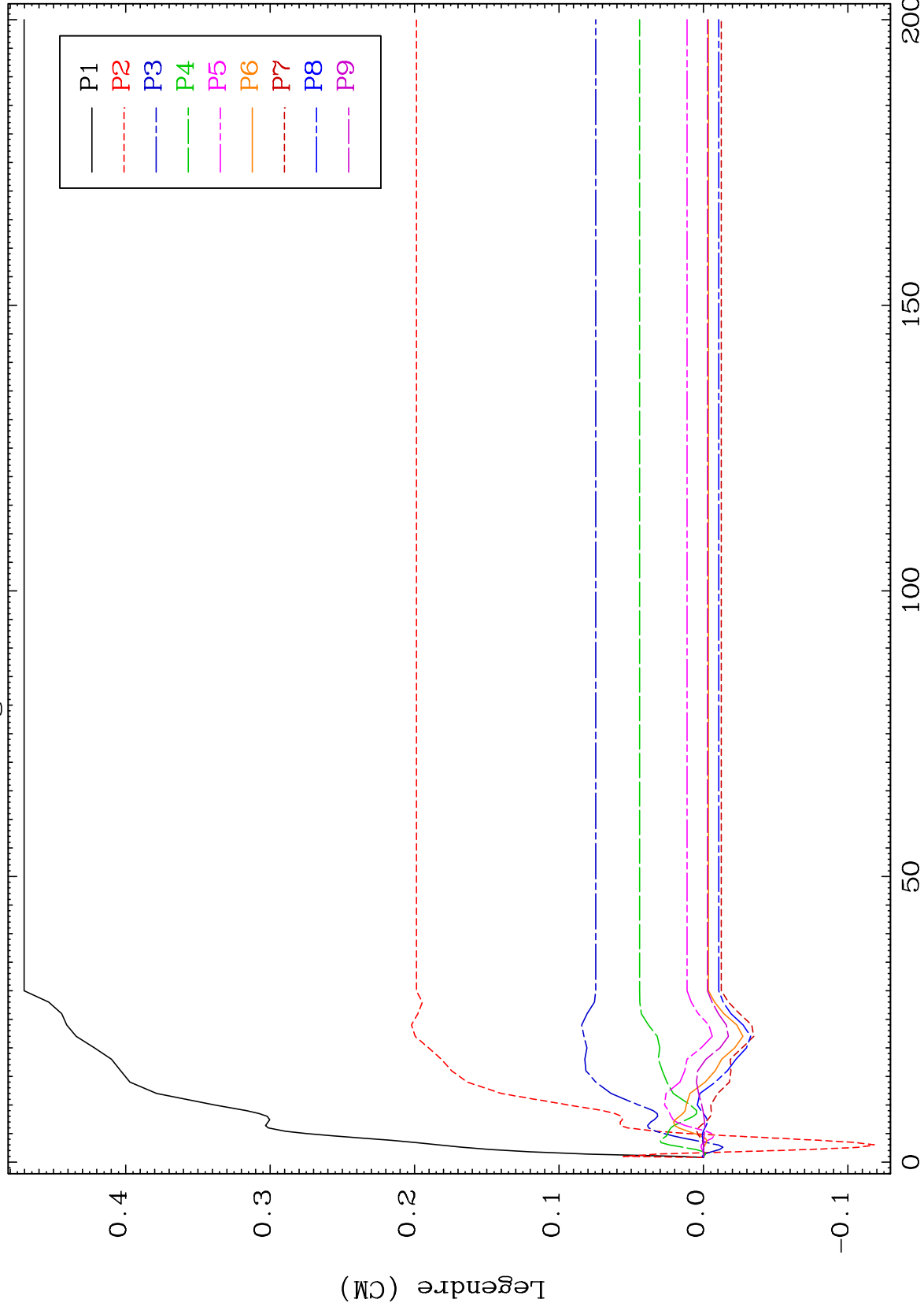
65-Tb-141



MAT 6471

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

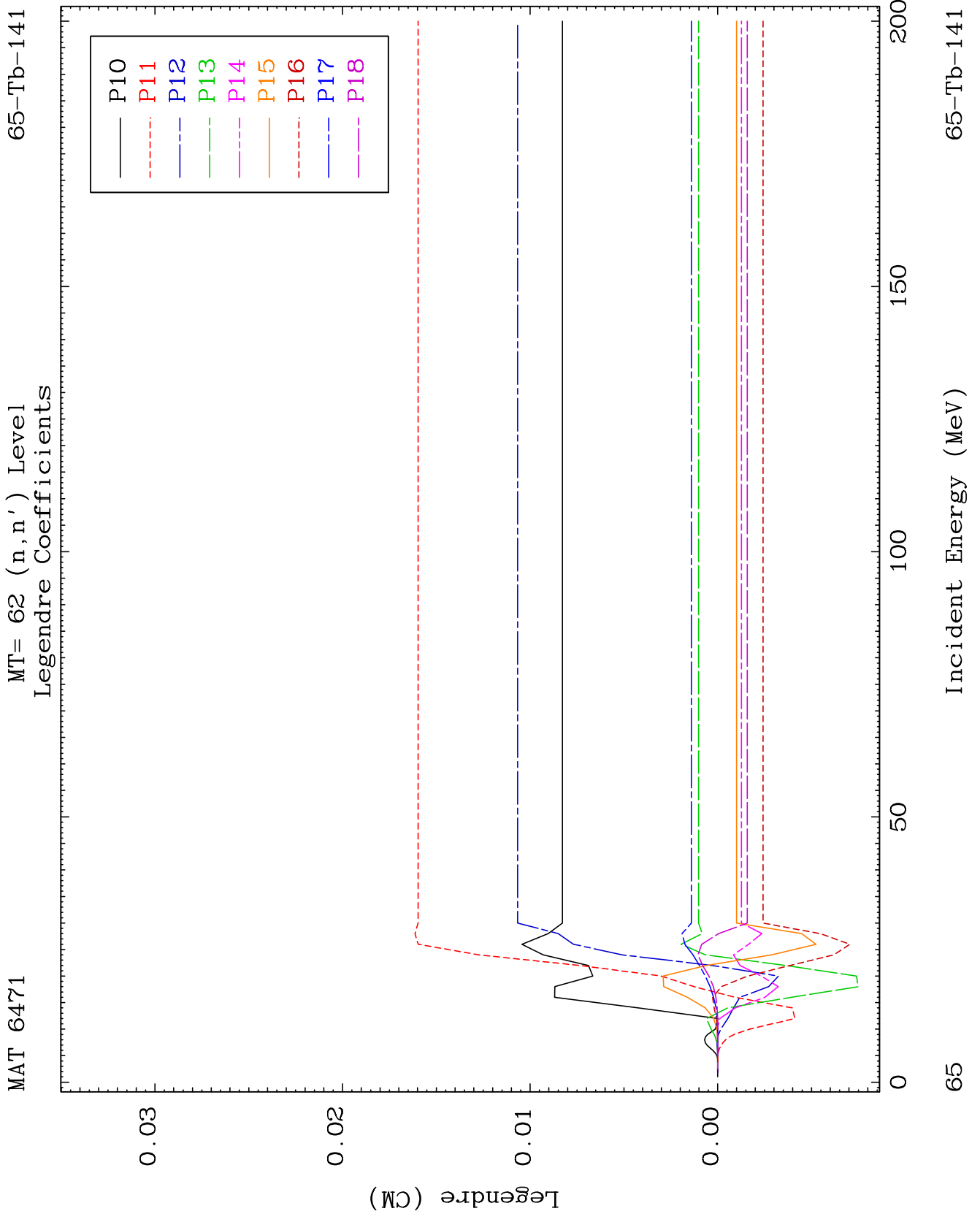
65-Tb-141



64

Incident Energy (MeV)

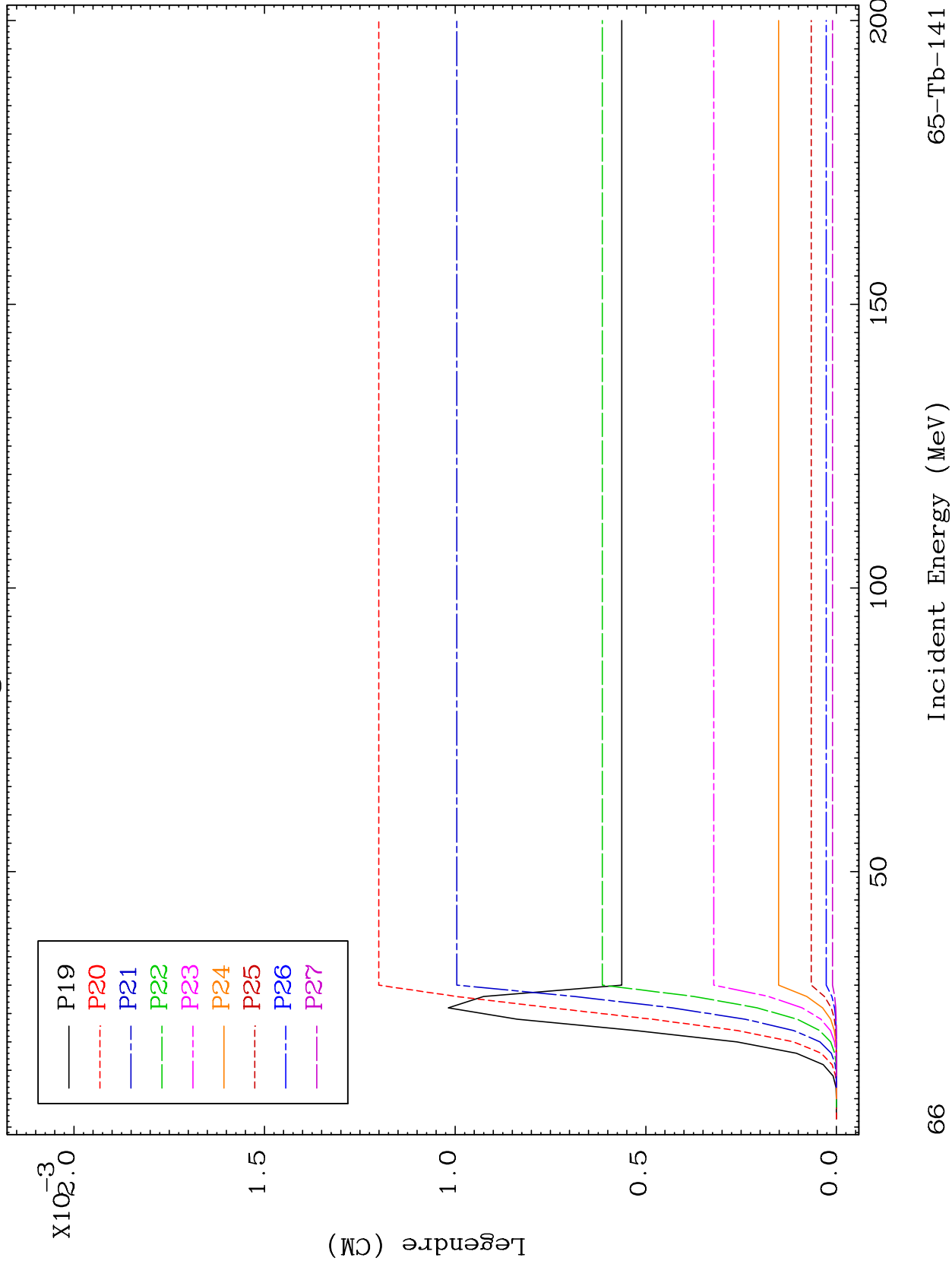
65-Tb-141



MAT 6471

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

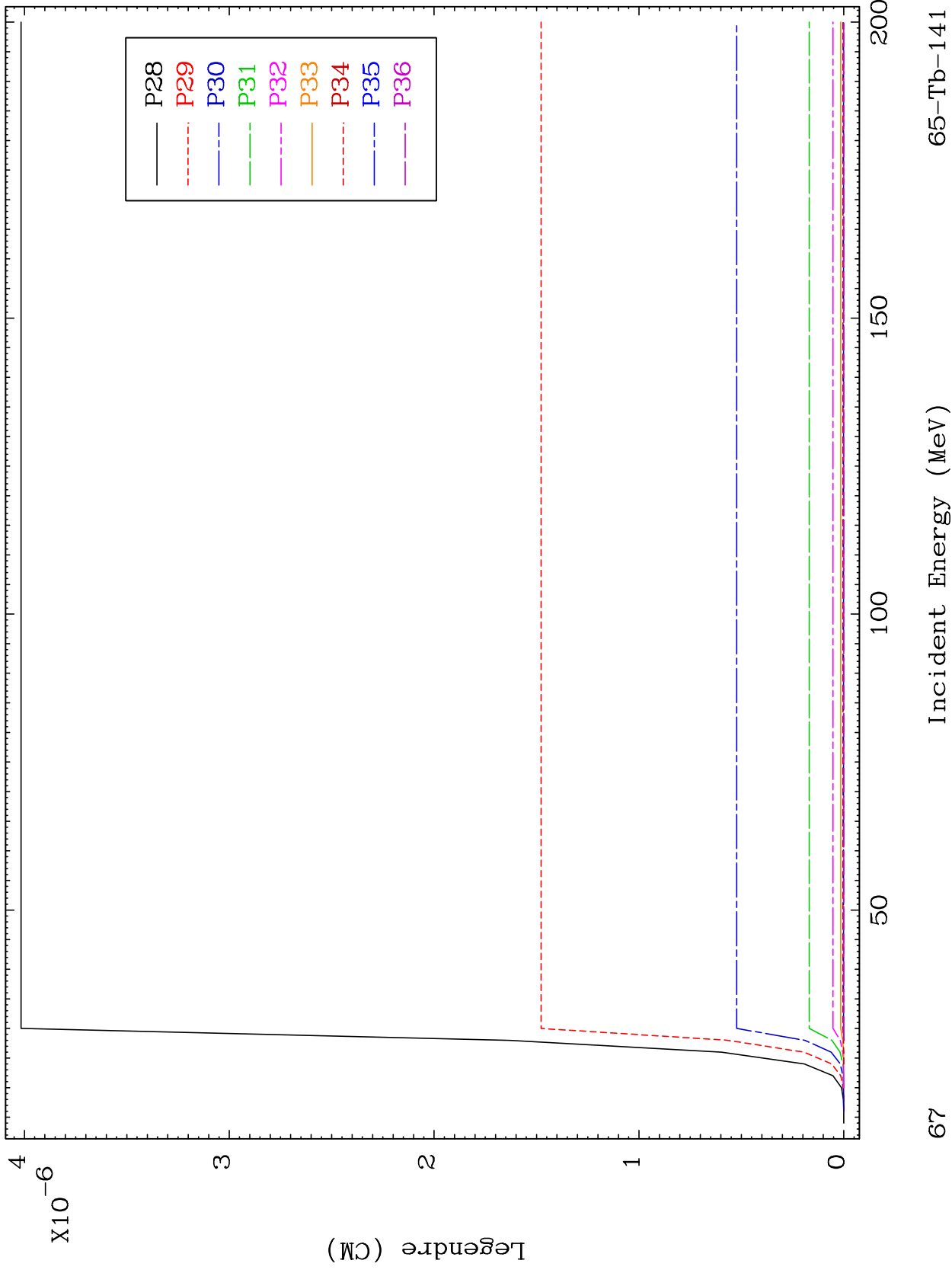
65-Tb-141



MAT 6471

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

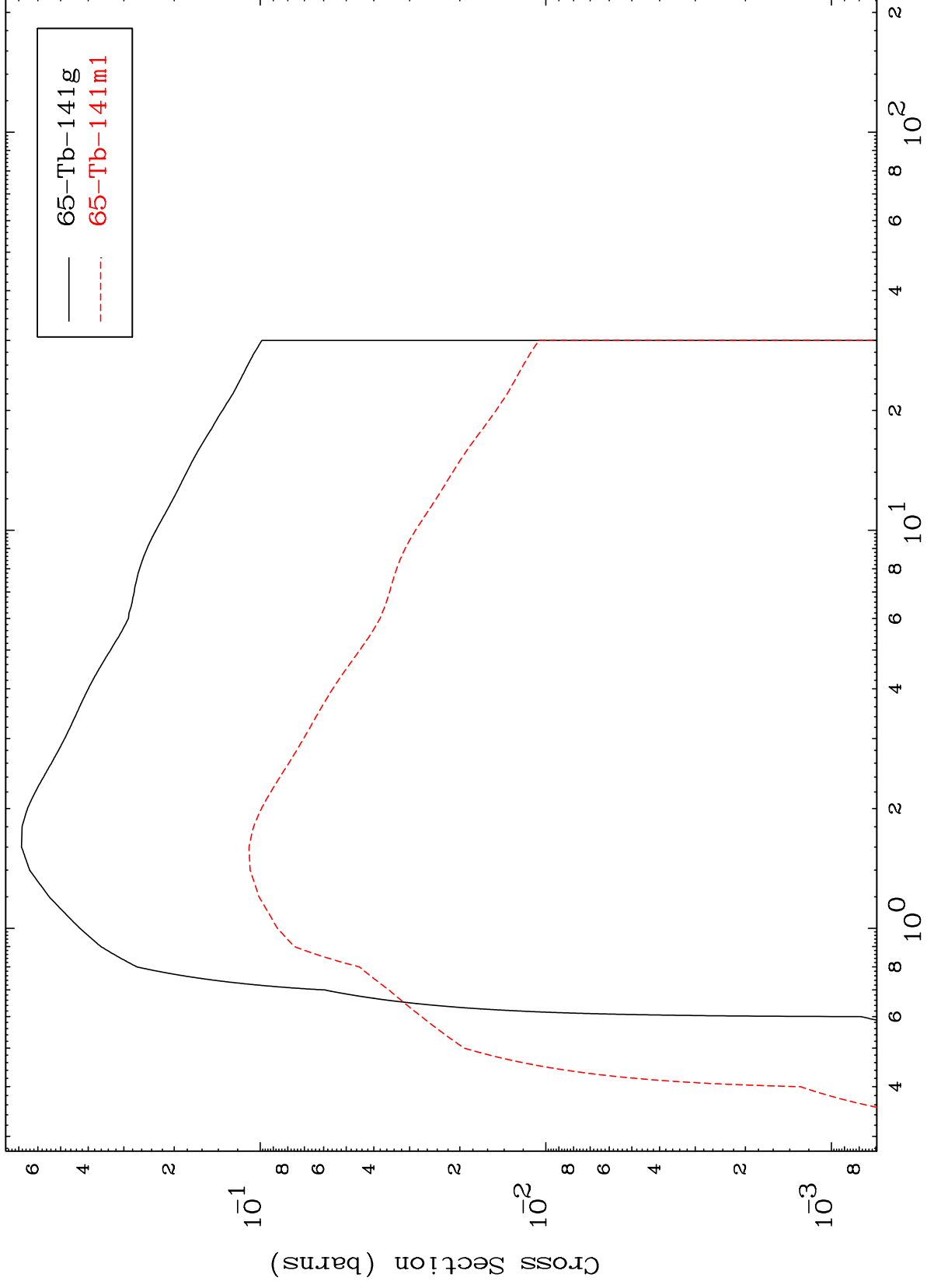
65-Tb-141



MAT 6471

65-Tb-141

Inelastic
Radionuclide Production Cross Section



68

Incident Energy (MeV)

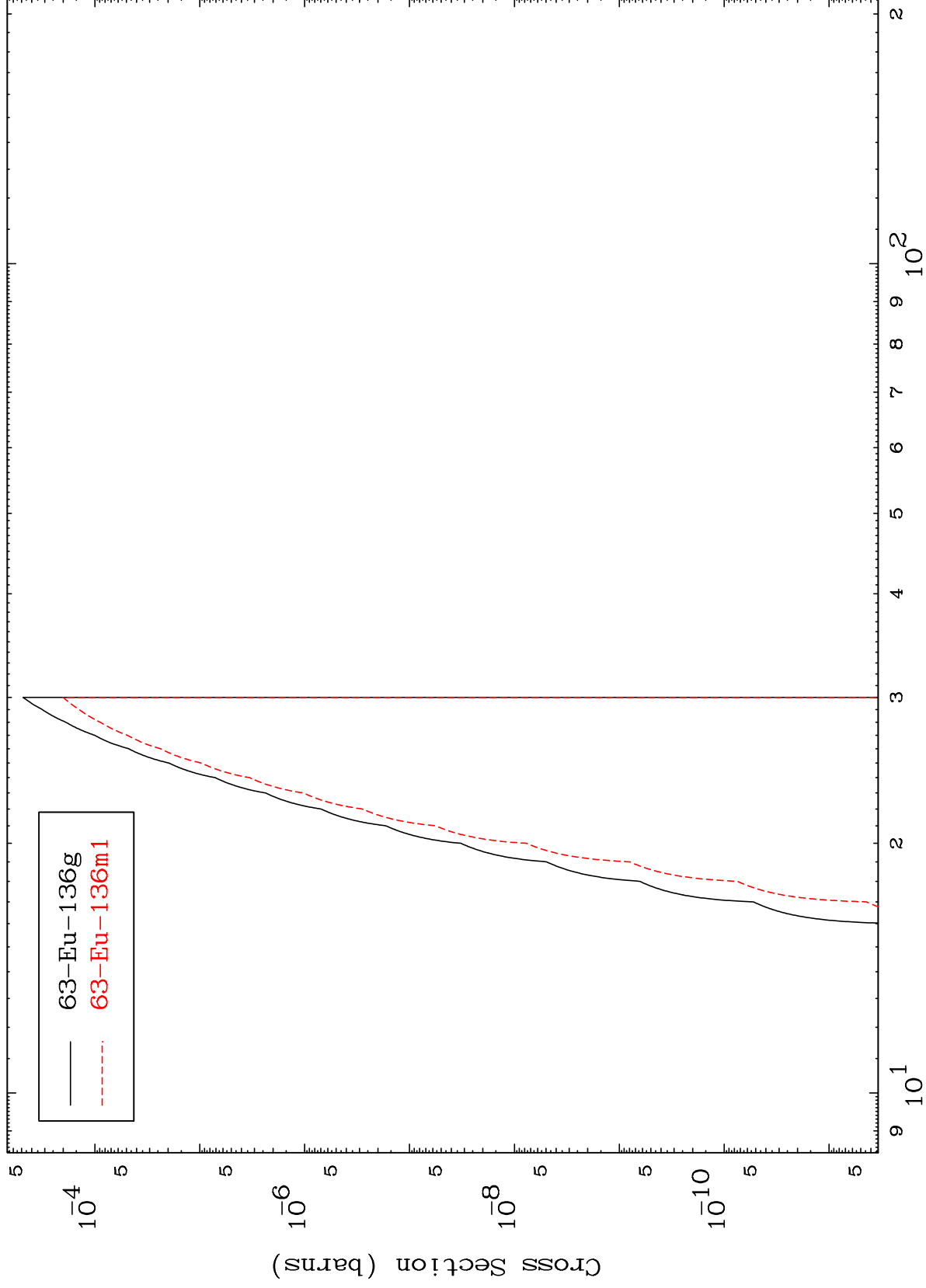
65-Tb-141

MAT 6471

(n,2n) α

65-Tb-141

Radionuclide Production Cross Section



69

Incident Energy (MeV)

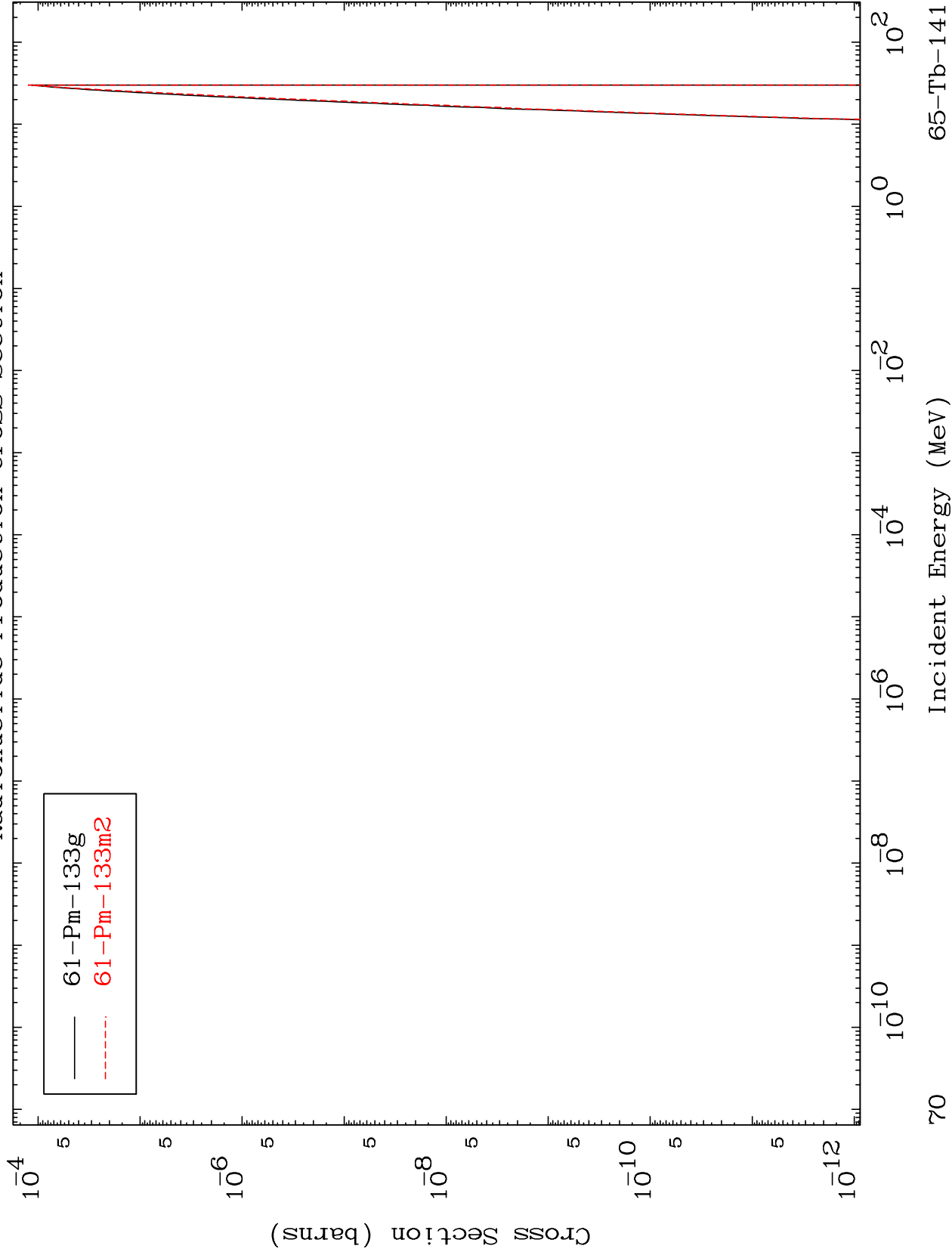
65-Tb-141

MAT 6471

(n,n') 2 α

65-Tb-141

Radionuclide Production Cross Section



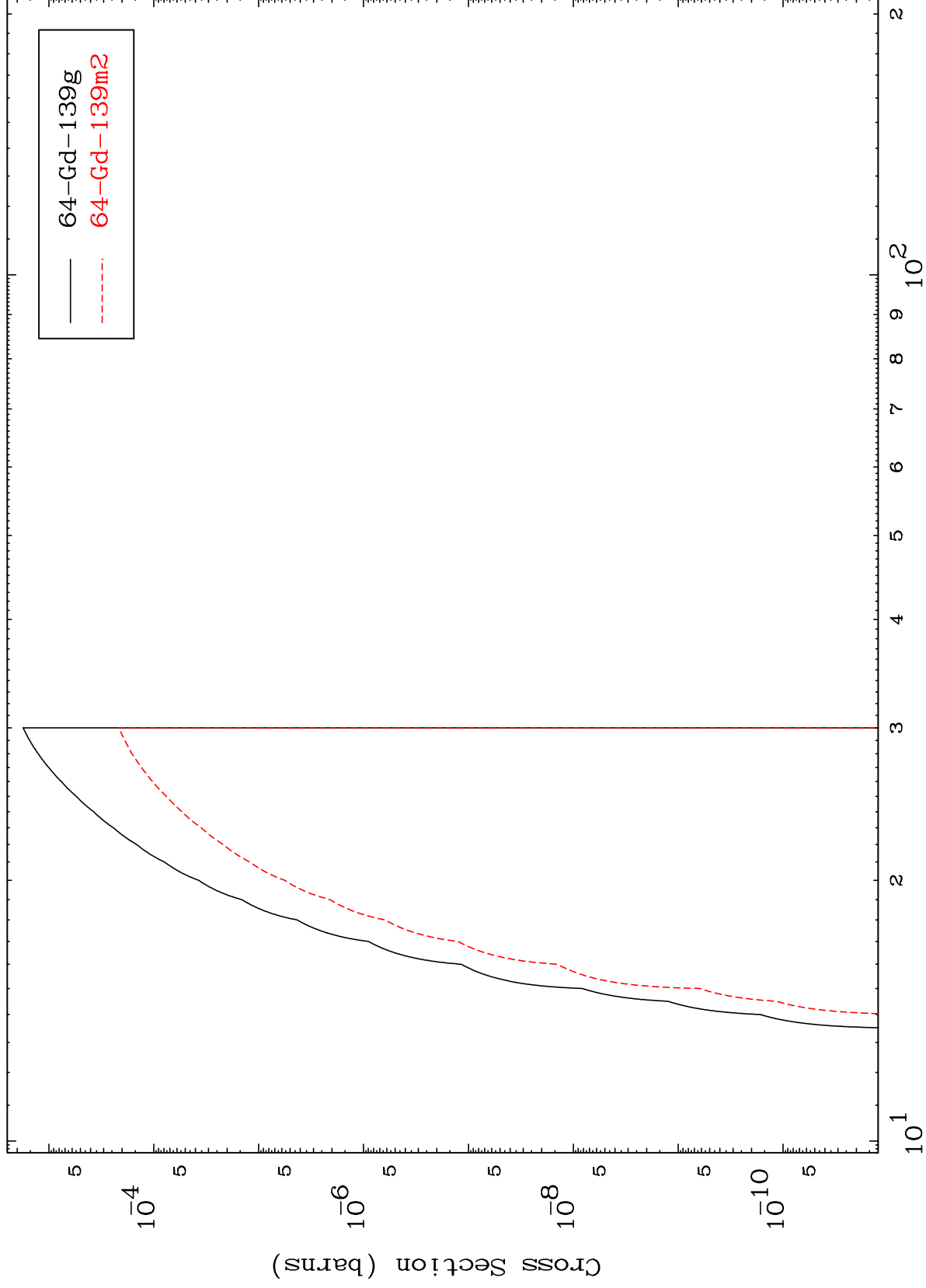
70

MAT 6471

(n,n') d

65-Tb-141

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-141

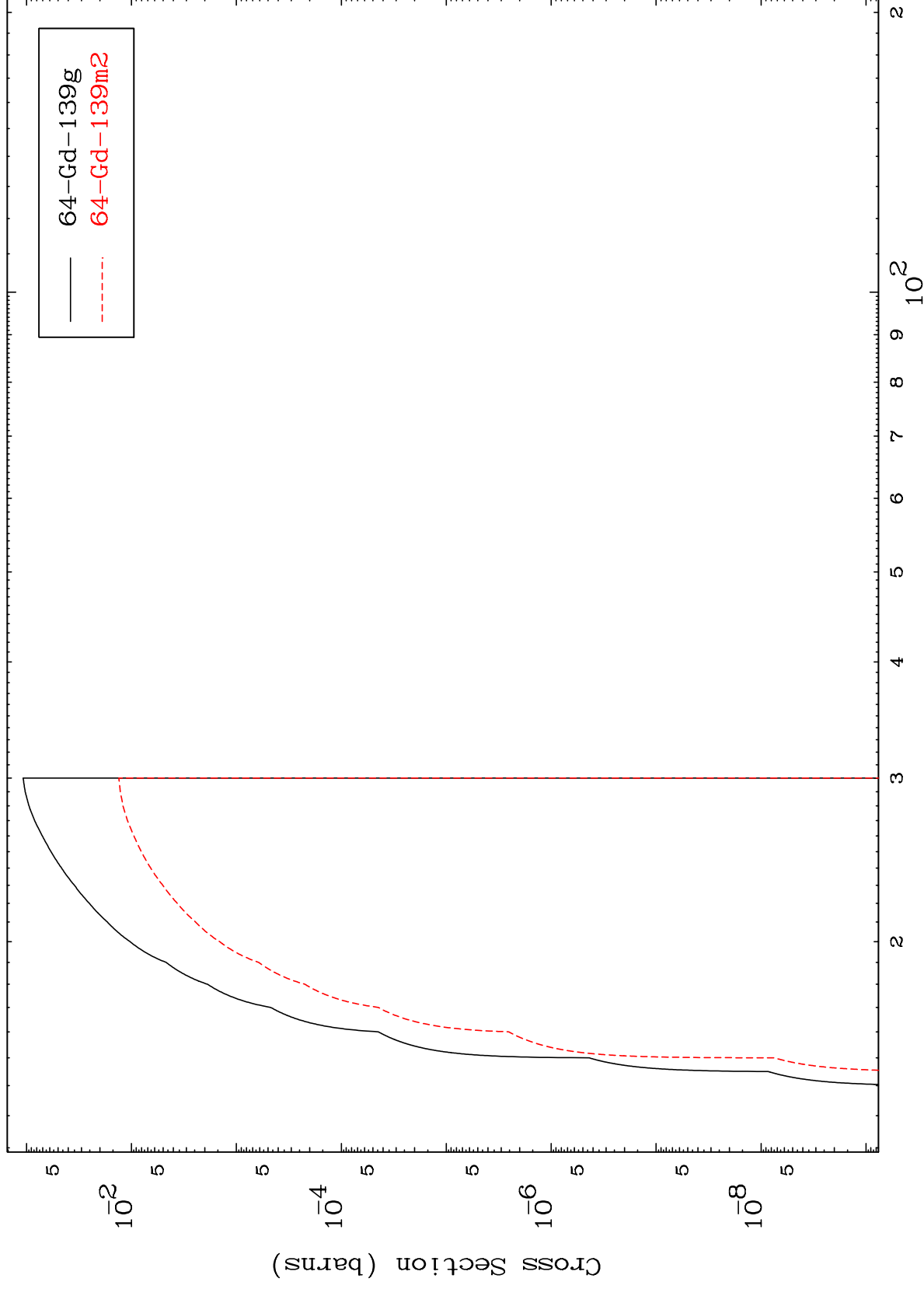
71

MAT 6471

(n,2n) p

65-Tb-141

Radionuclide Production Cross Section



72

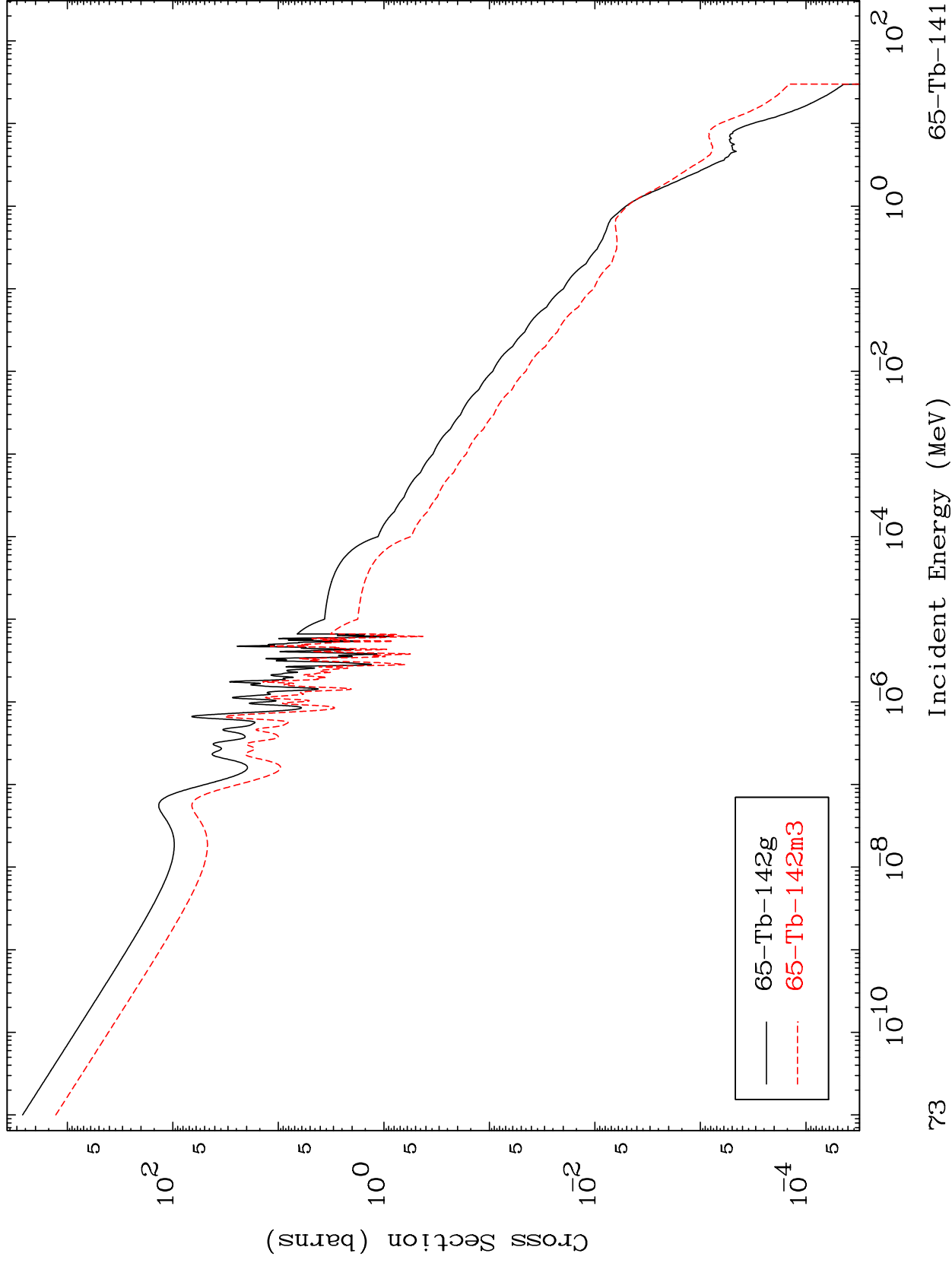
Incident Energy (MeV)

65-Tb-141

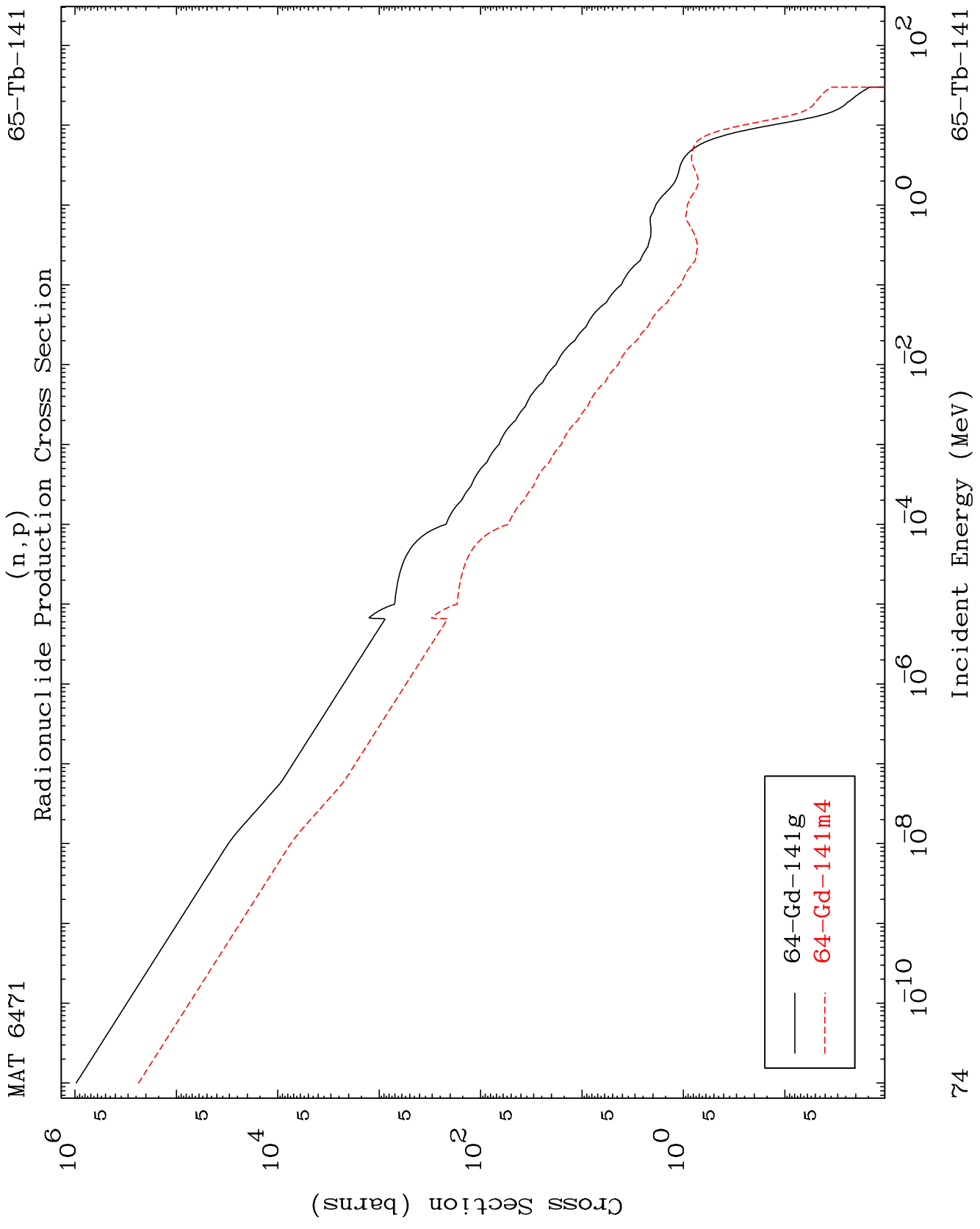
MAT 6471

65-Tb-141

(n, γ)
Radionuclide Production Cross Section



73

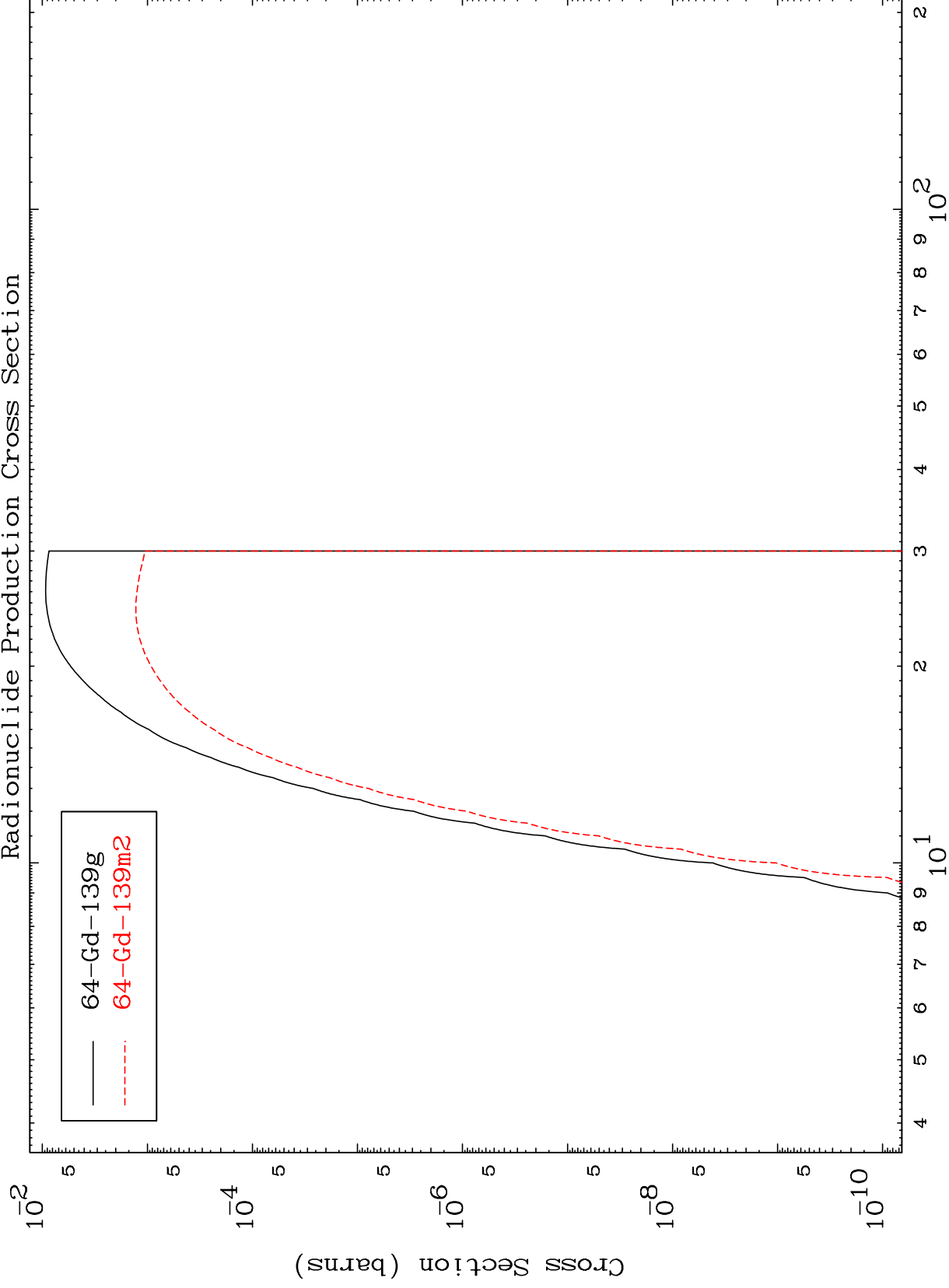


MAT 6471

(n, t)

65-Tb-141

Radionuclide Production Cross Section



75

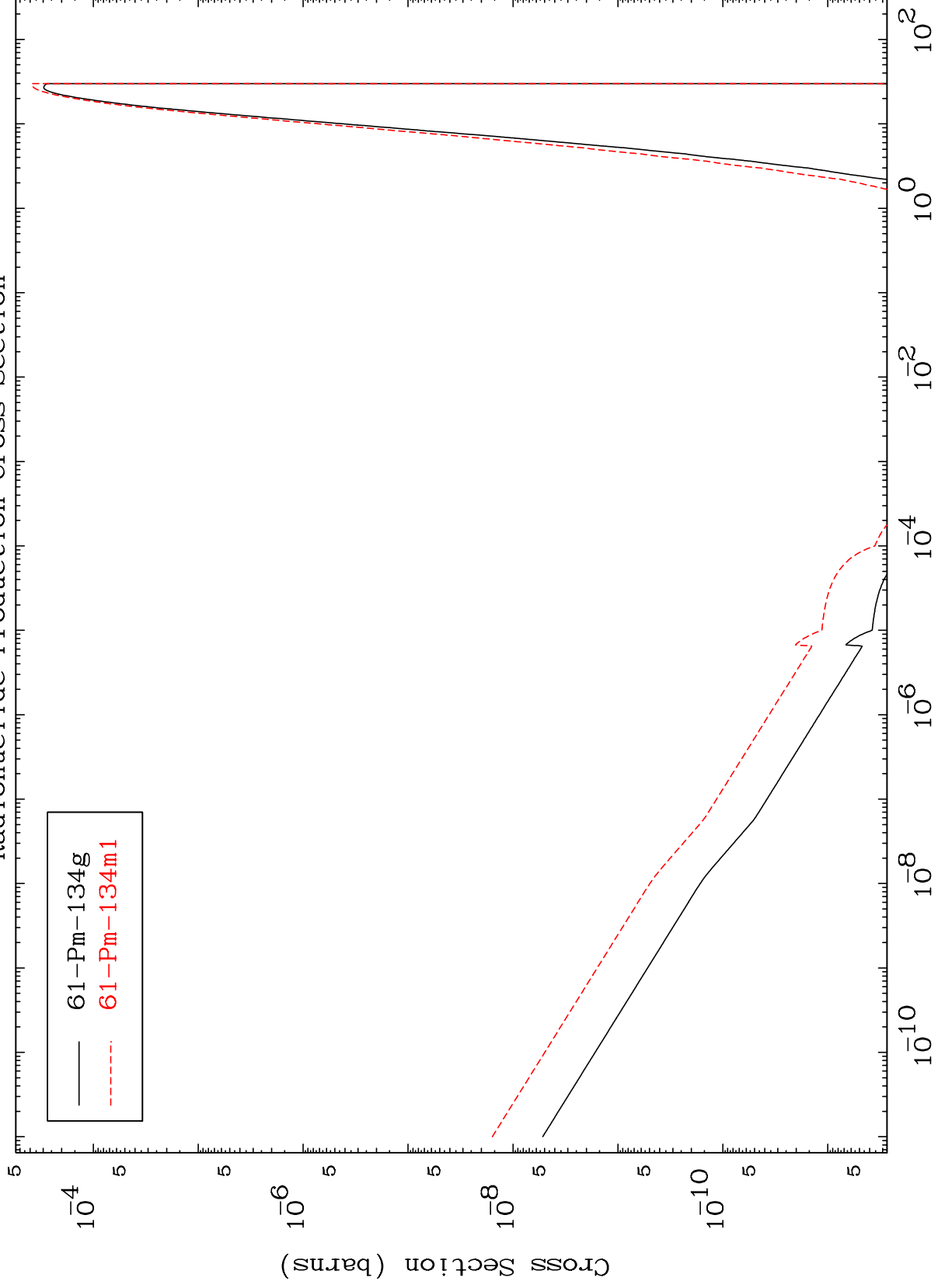
Incident Energy (MeV)

65-Tb-141

MAT 6471

65-Tb-141

(n,2α)
Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

76

65-Tb-141

Incident Energy (MeV)