

Program EVALPLOT
(Version 2021-1)

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

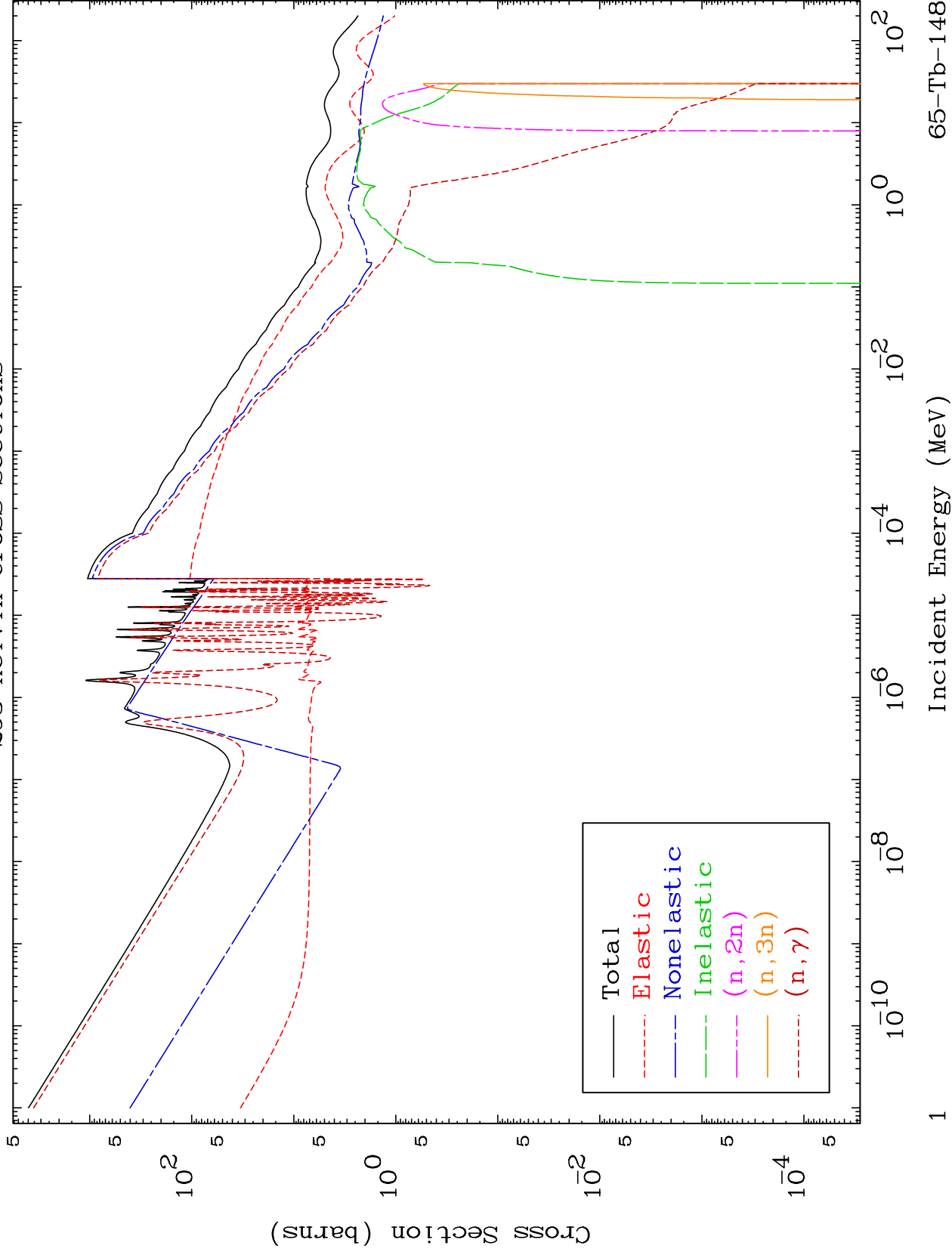
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6492

Neutron Major
293 Kelvin Cross Sections

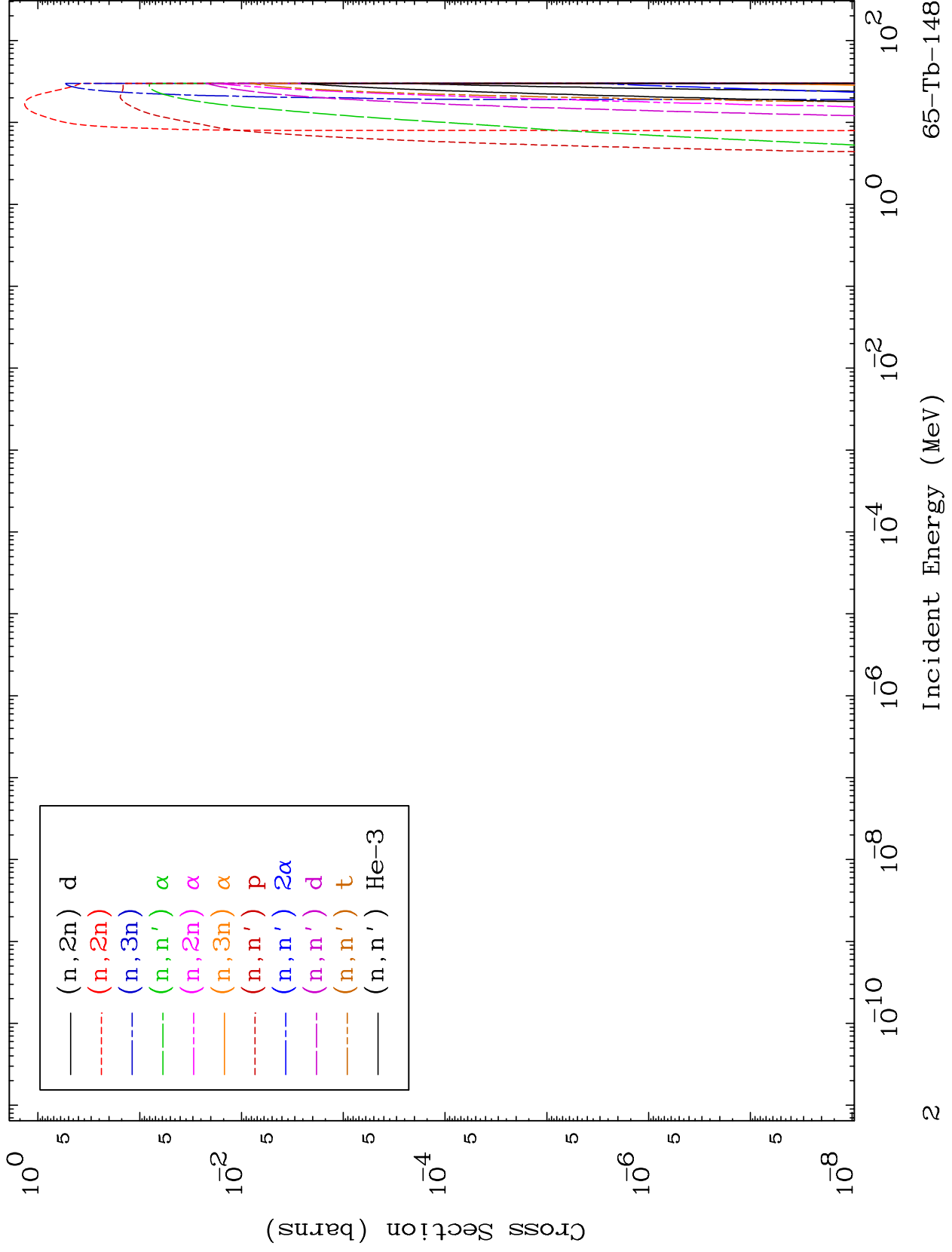
65-Tb-148



MAT 6492

Neutron Absorption
293 Kelvin Cross Sections

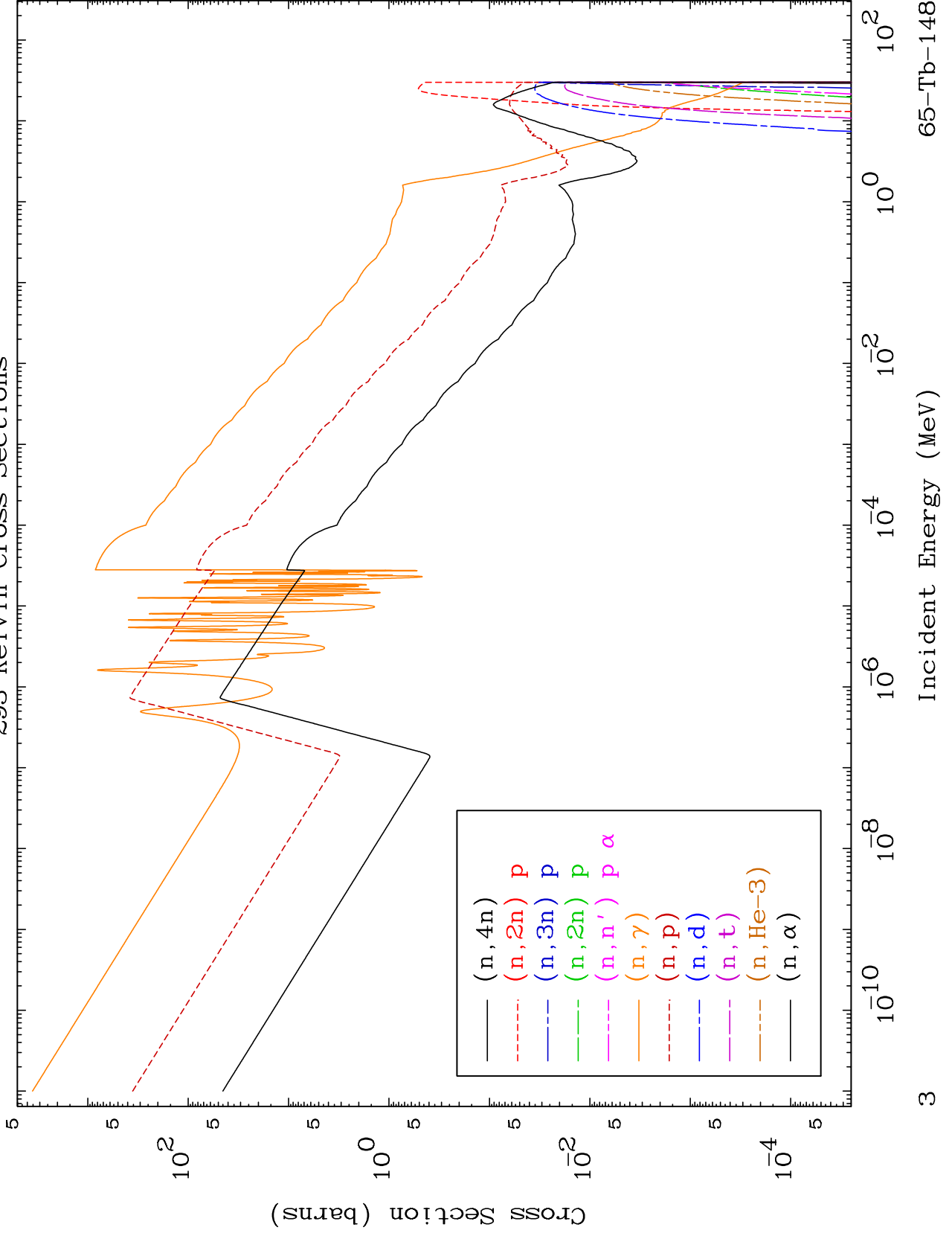
65-Tb-148



MAT 6492

Neutron Absorption
293 Kelvin Cross Sections

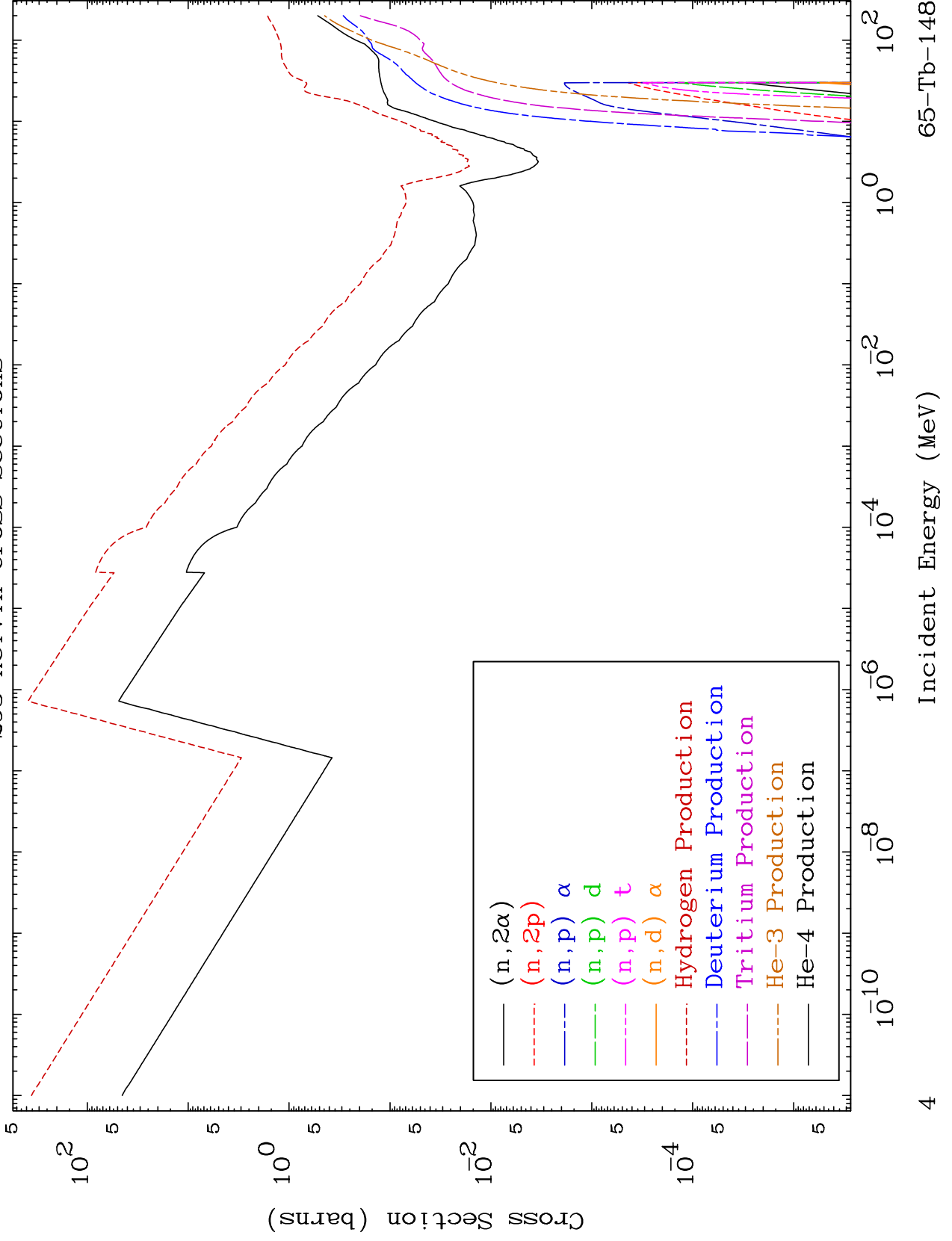
65-Tb-148



MAT 6492

Neutron Absorption
293 Kelvin Cross Sections

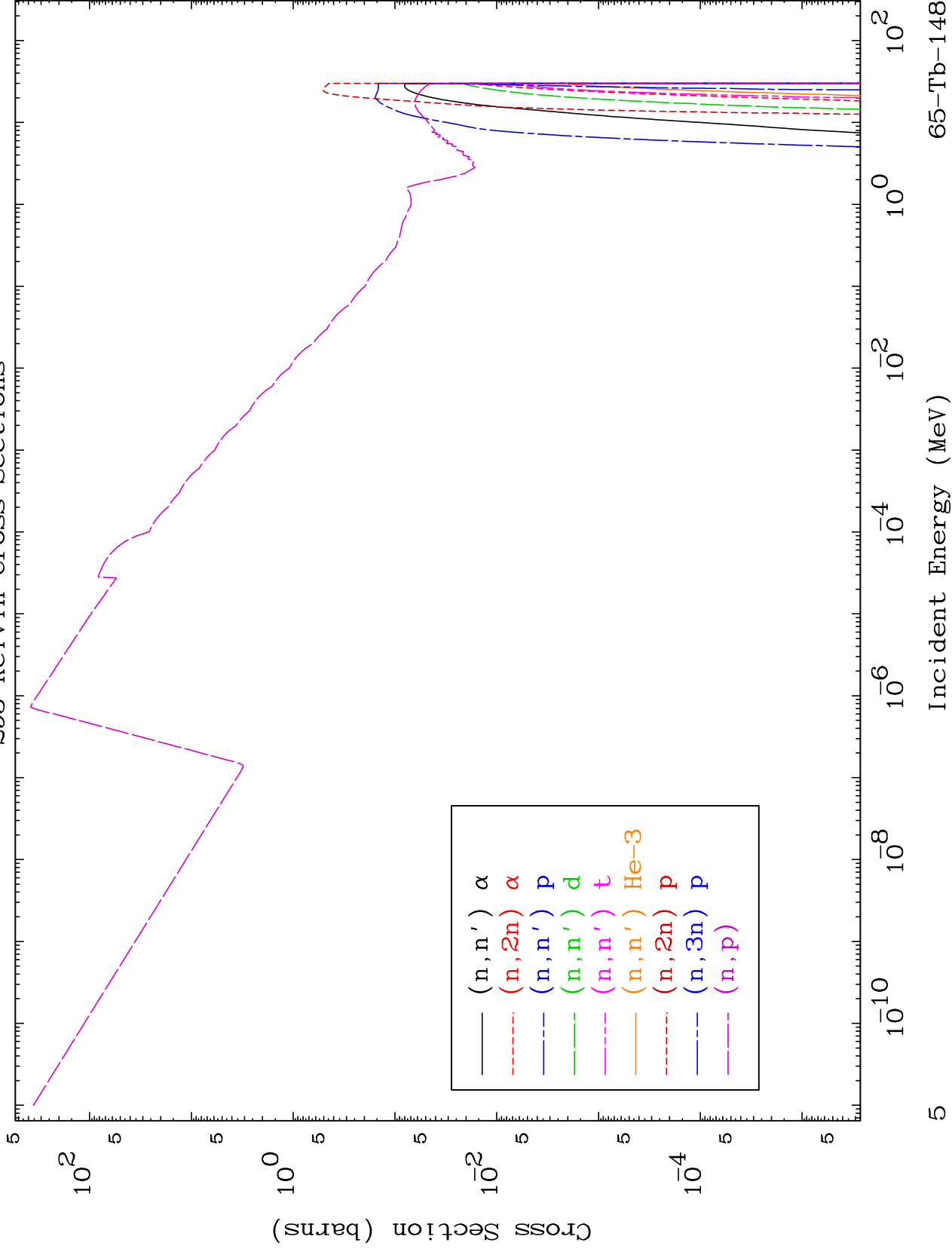
65-Tb-148



MAT 6492

Charged Particle
293 Kelvin Cross Sections

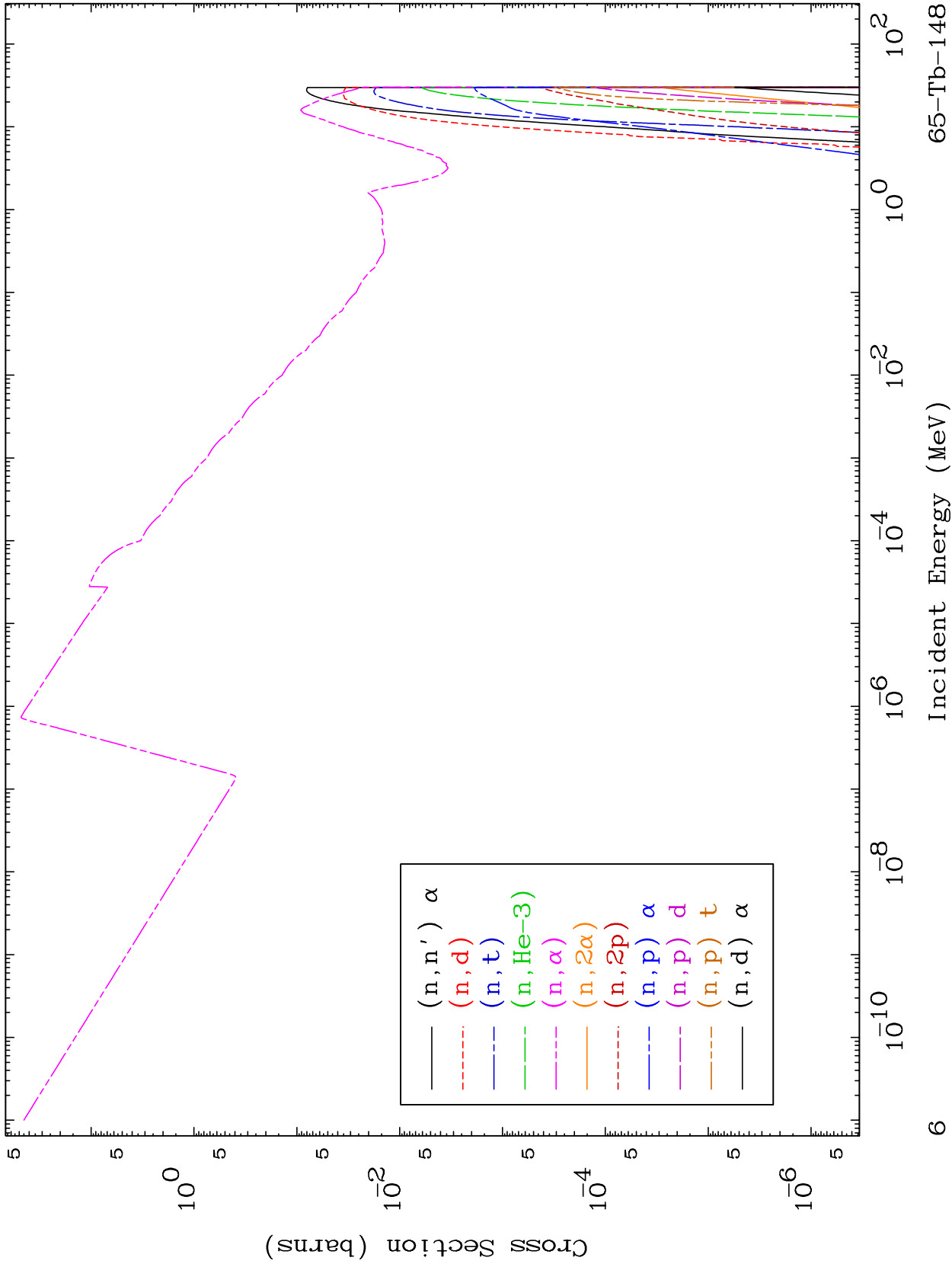
65-Tb-148



MAT 6492

Charged Particle
293 Kelvin Cross Sections

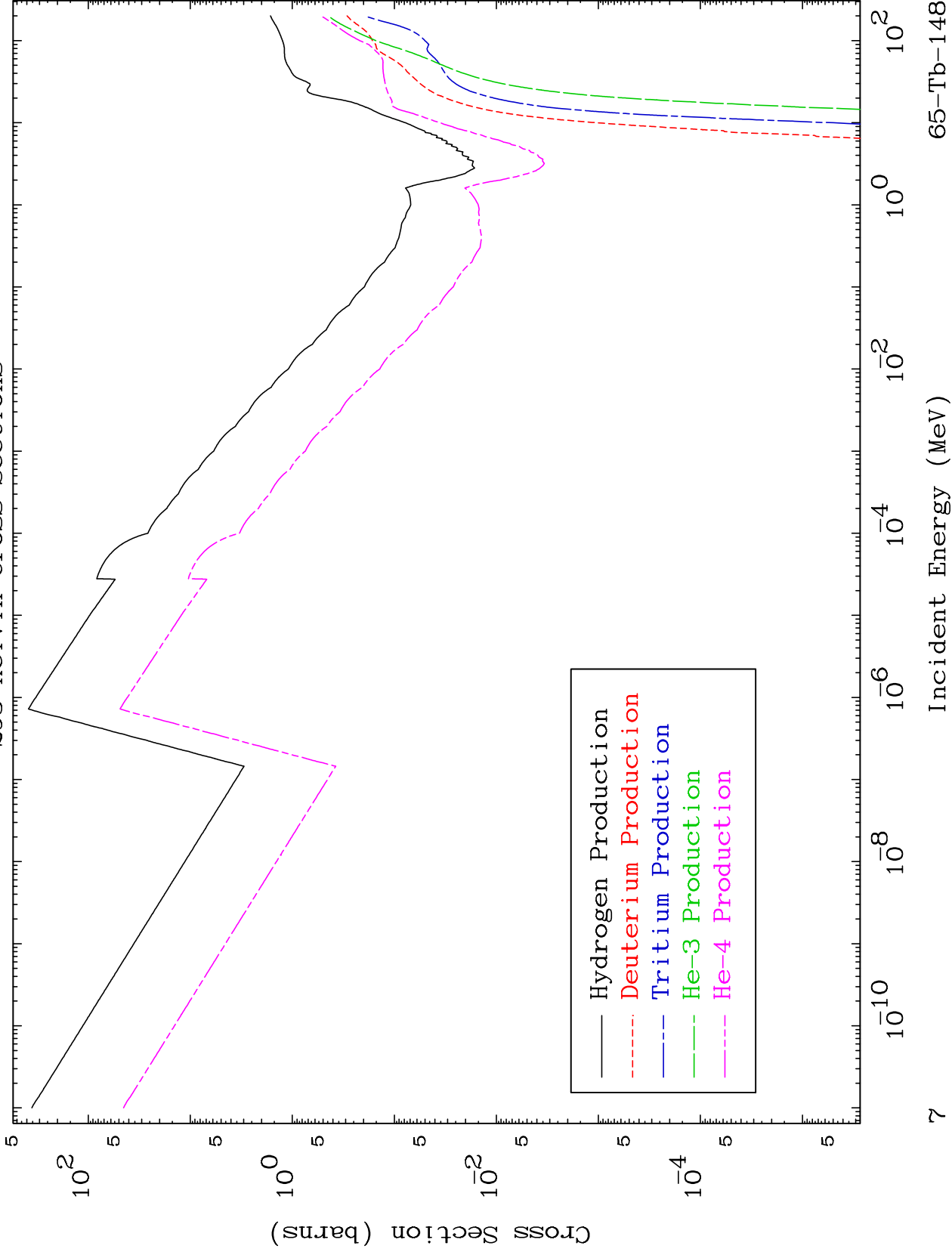
65-Tb-148



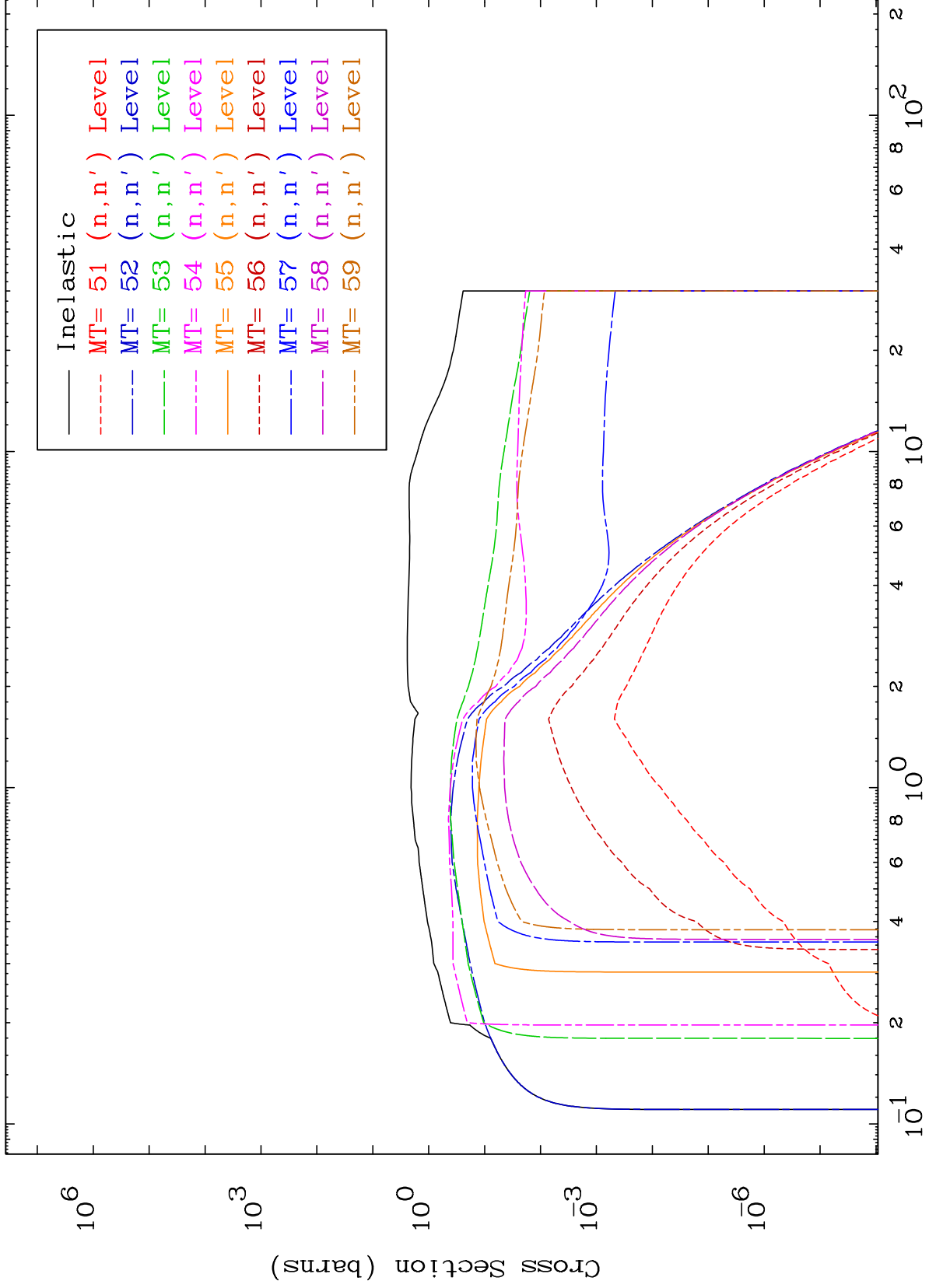
MAT 6492

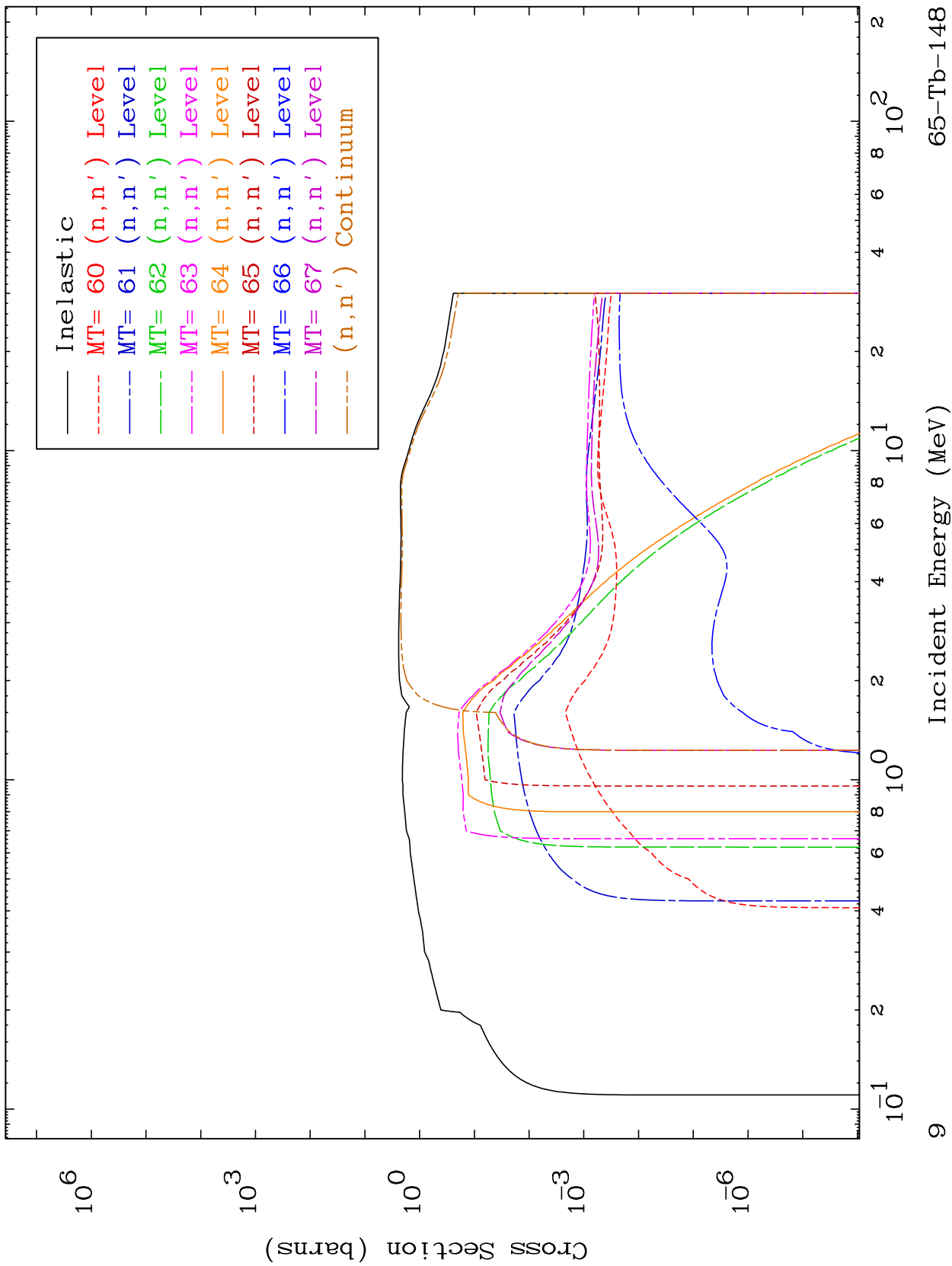
Particle Production
293 Kelvin Cross Sections

65-Tb-148



293 Kelvin Cross Sections

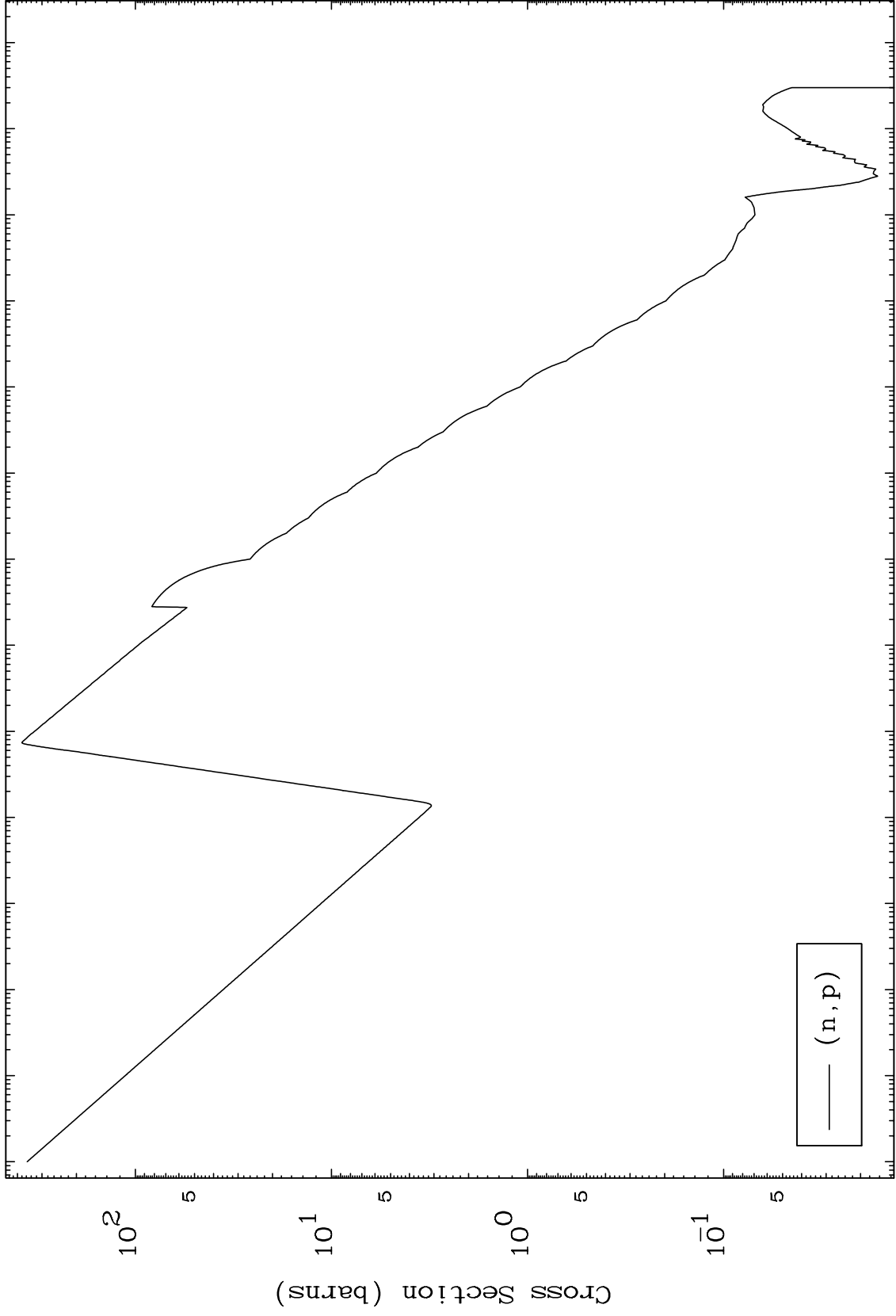




MAT 6492

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-148



(n,p)

10

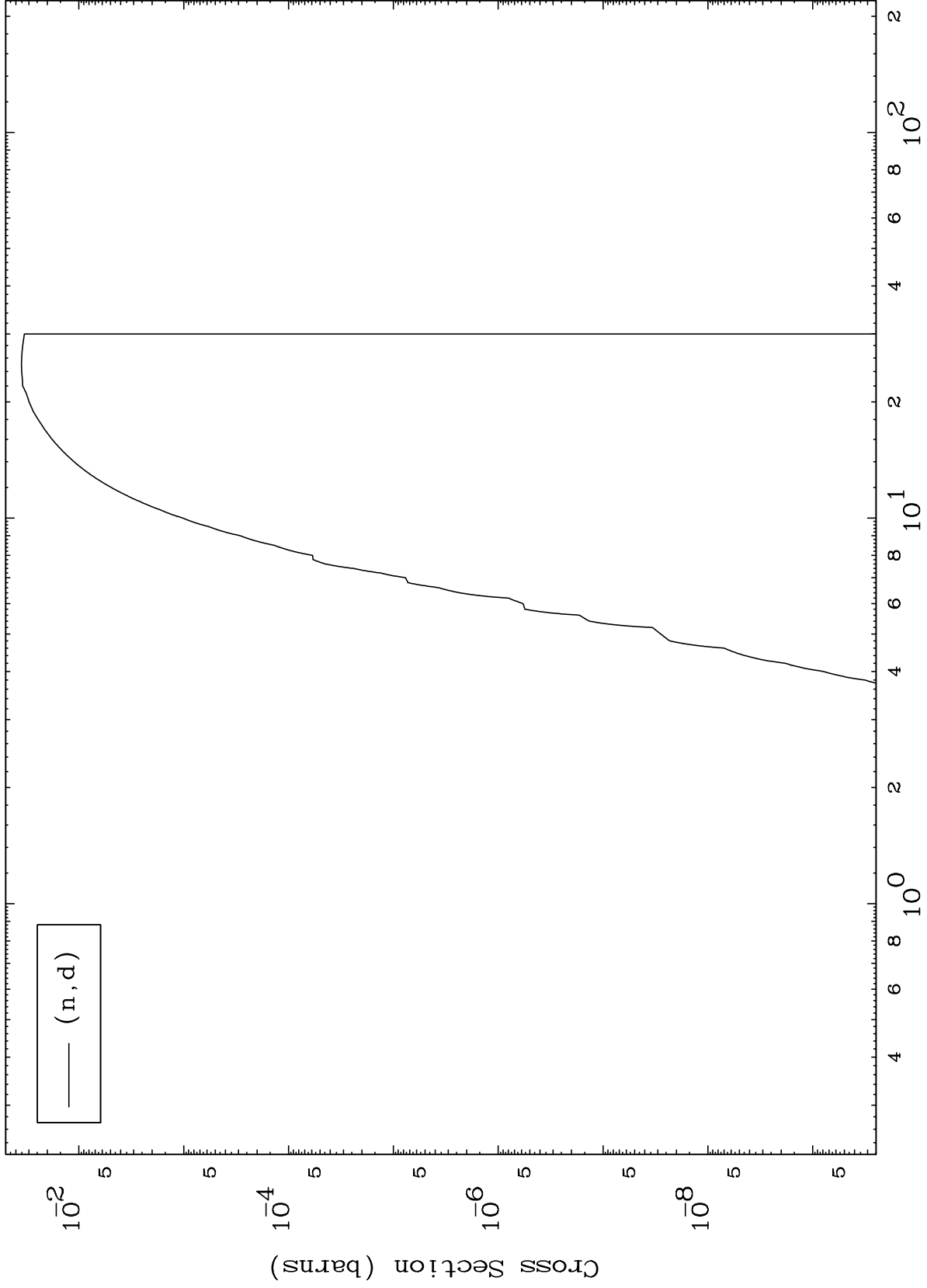
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n,d) Levels
293 Kelvin Cross Sections

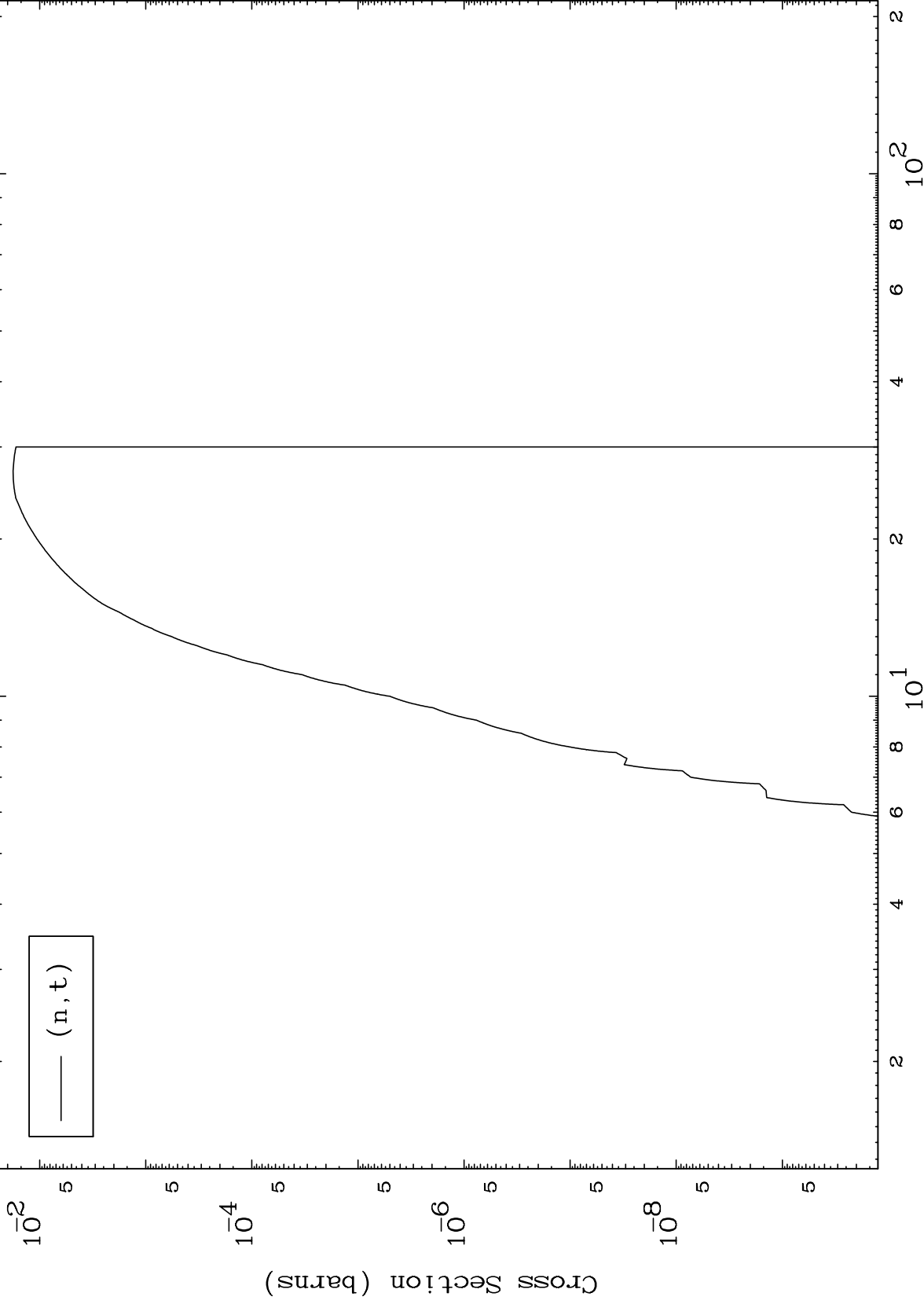
65-Tb-148



MAT 6492

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-148



12

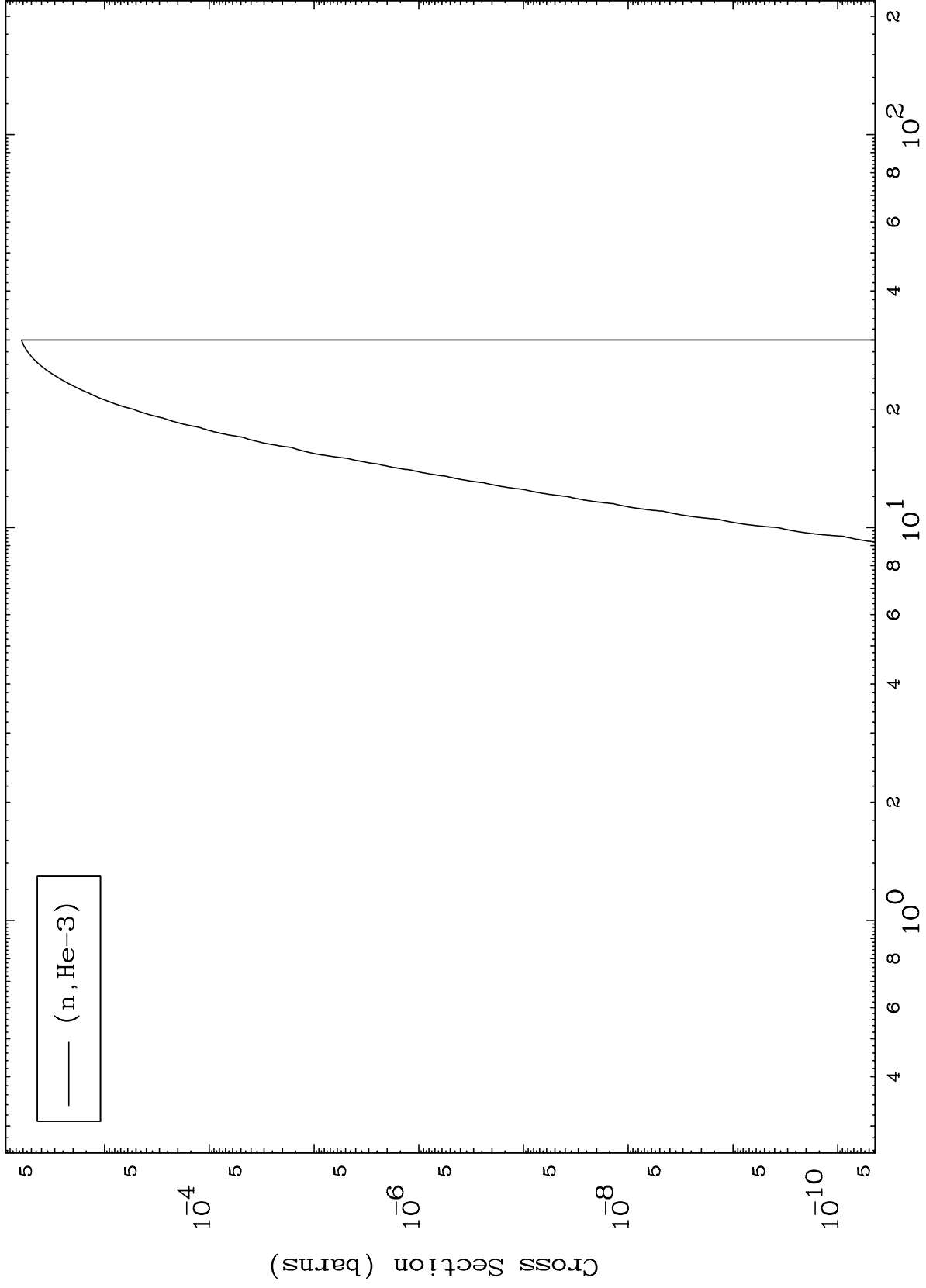
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-148



13

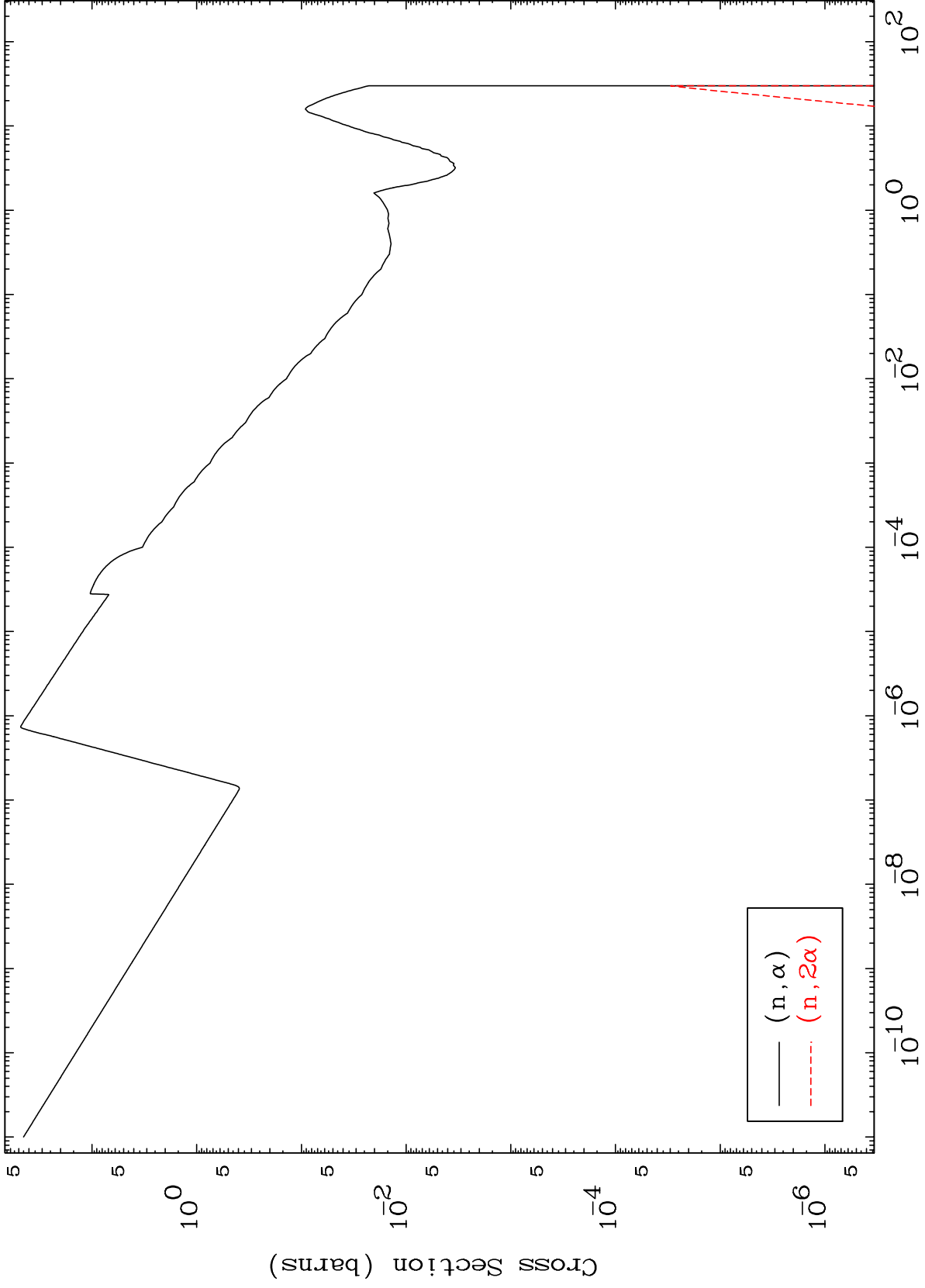
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n, α) Levels
293 Kelvin Cross Sections

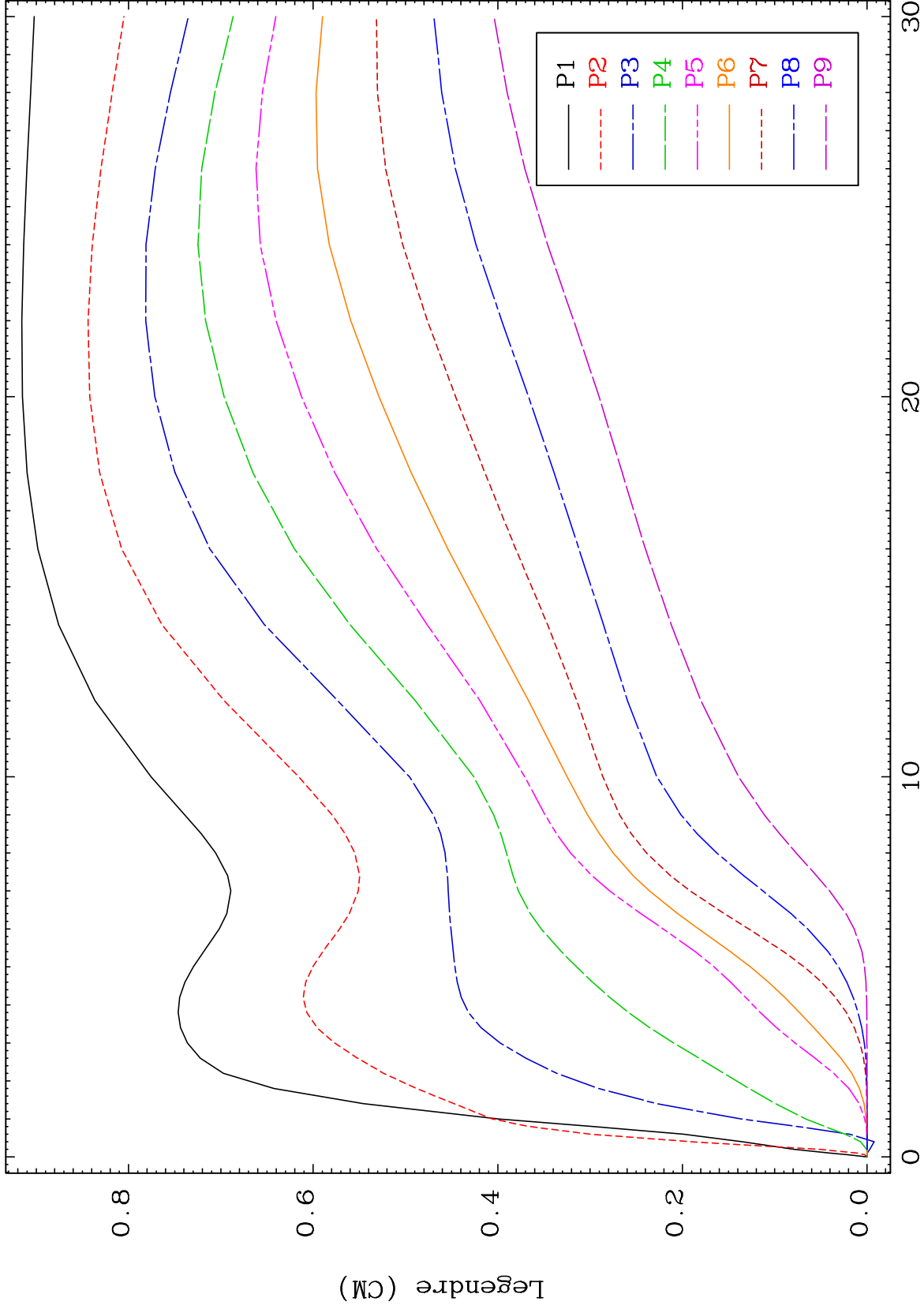
65-Tb-148



MAT 6492

Elastic Legendre Coefficients

65-Tb-148



15

Incident Energy (MeV)

65-Tb-148

0

10

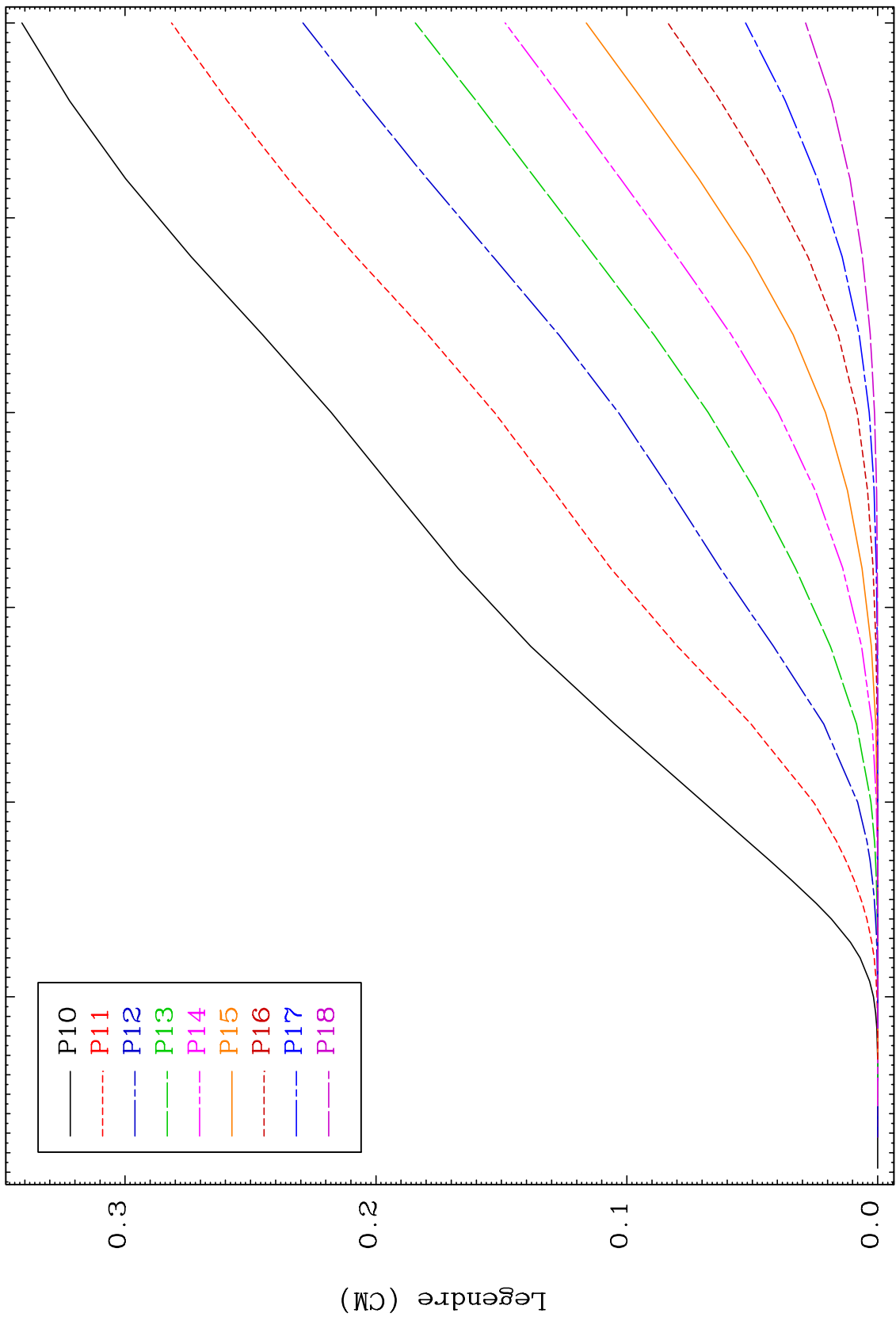
20

30

MAT 6492

Elastic Legendre Coefficients

65-Tb-148



16

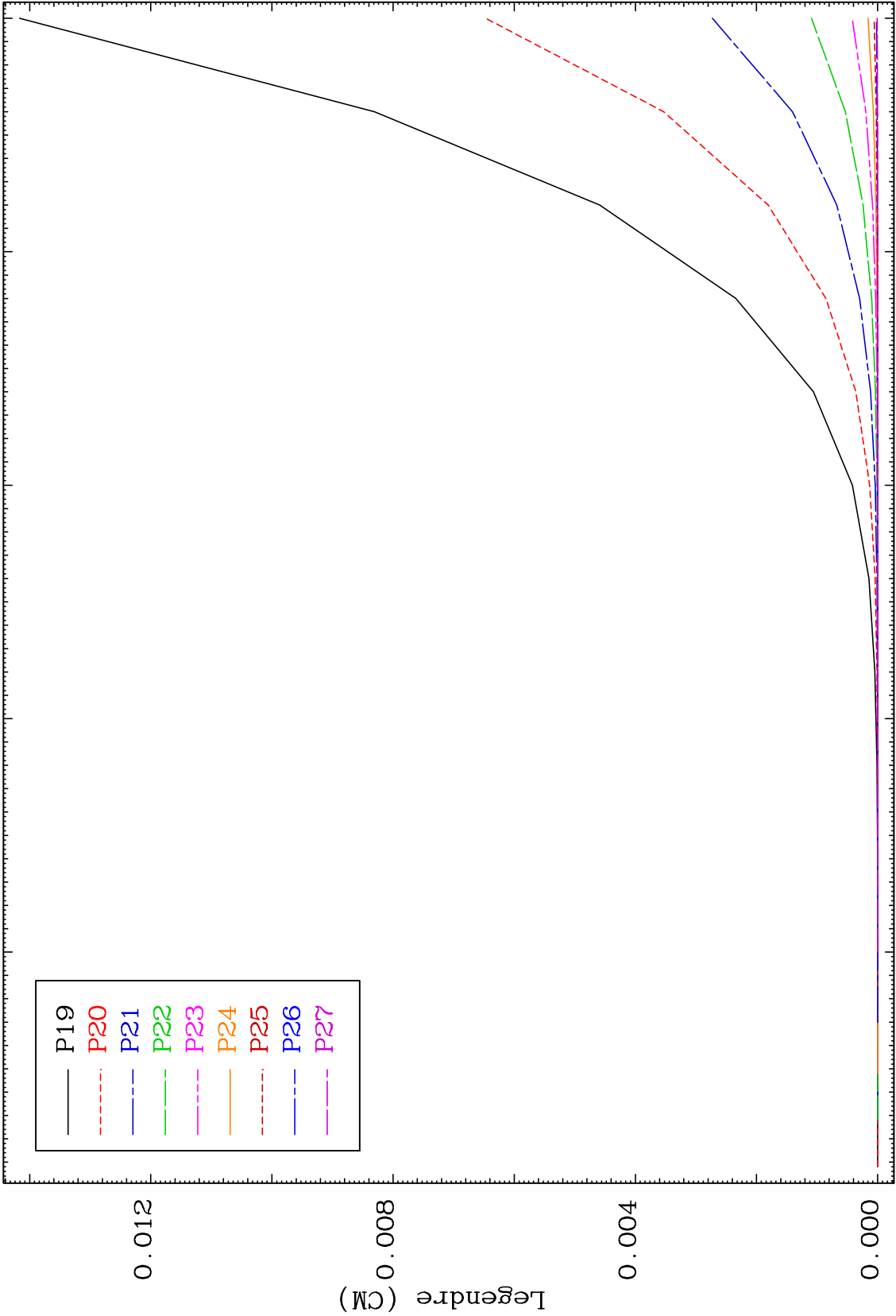
Incident Energy (MeV)

65-Tb-148

MAT 6492

Elastic Legendre Coefficients

65-Tb-148



17

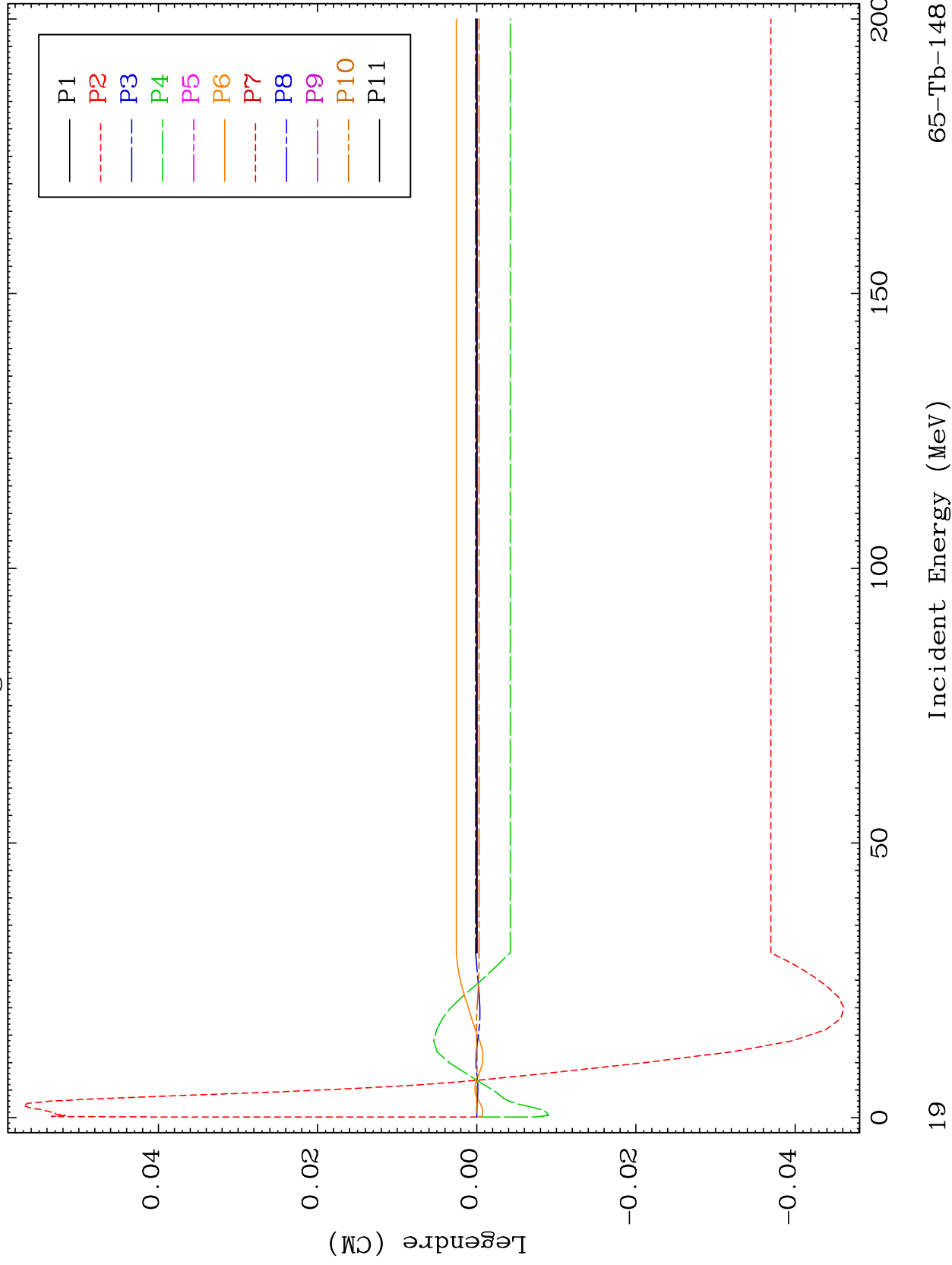
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



65-Tb-148

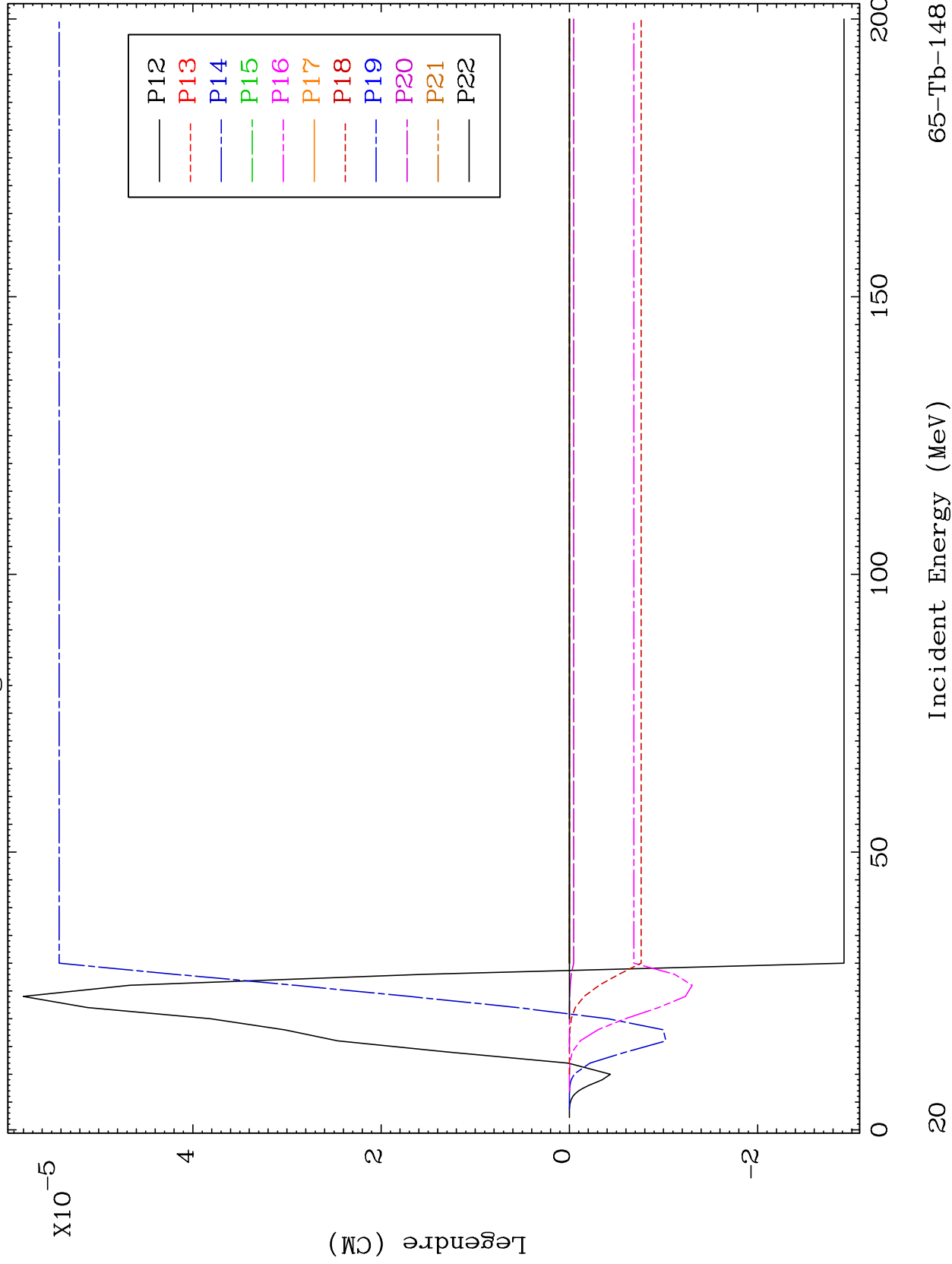
Incident Energy (MeV)

19

MAT 6492

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

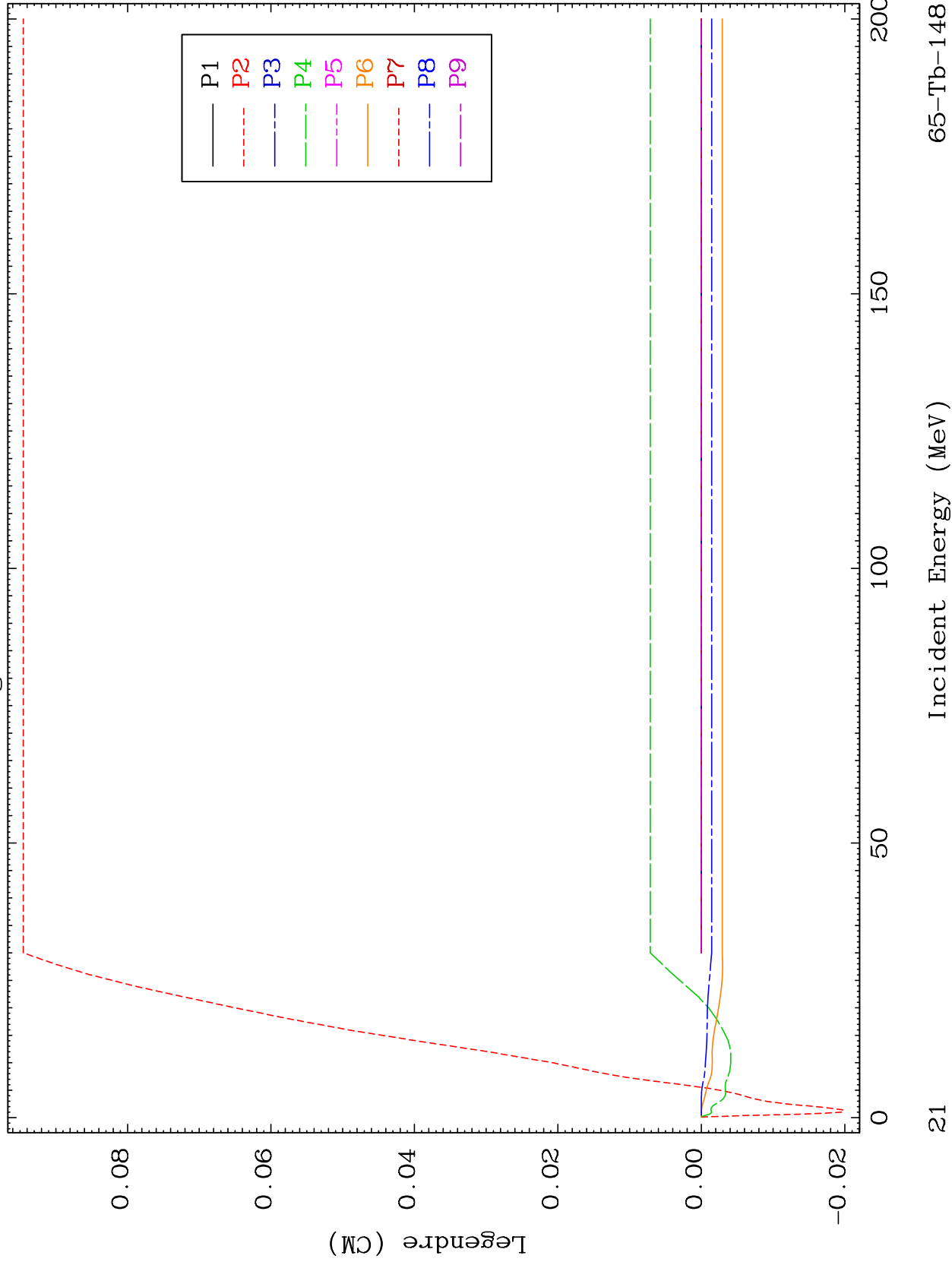
65-Tb-148



MAT 6492

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

65-Tb-148



65-Tb-148

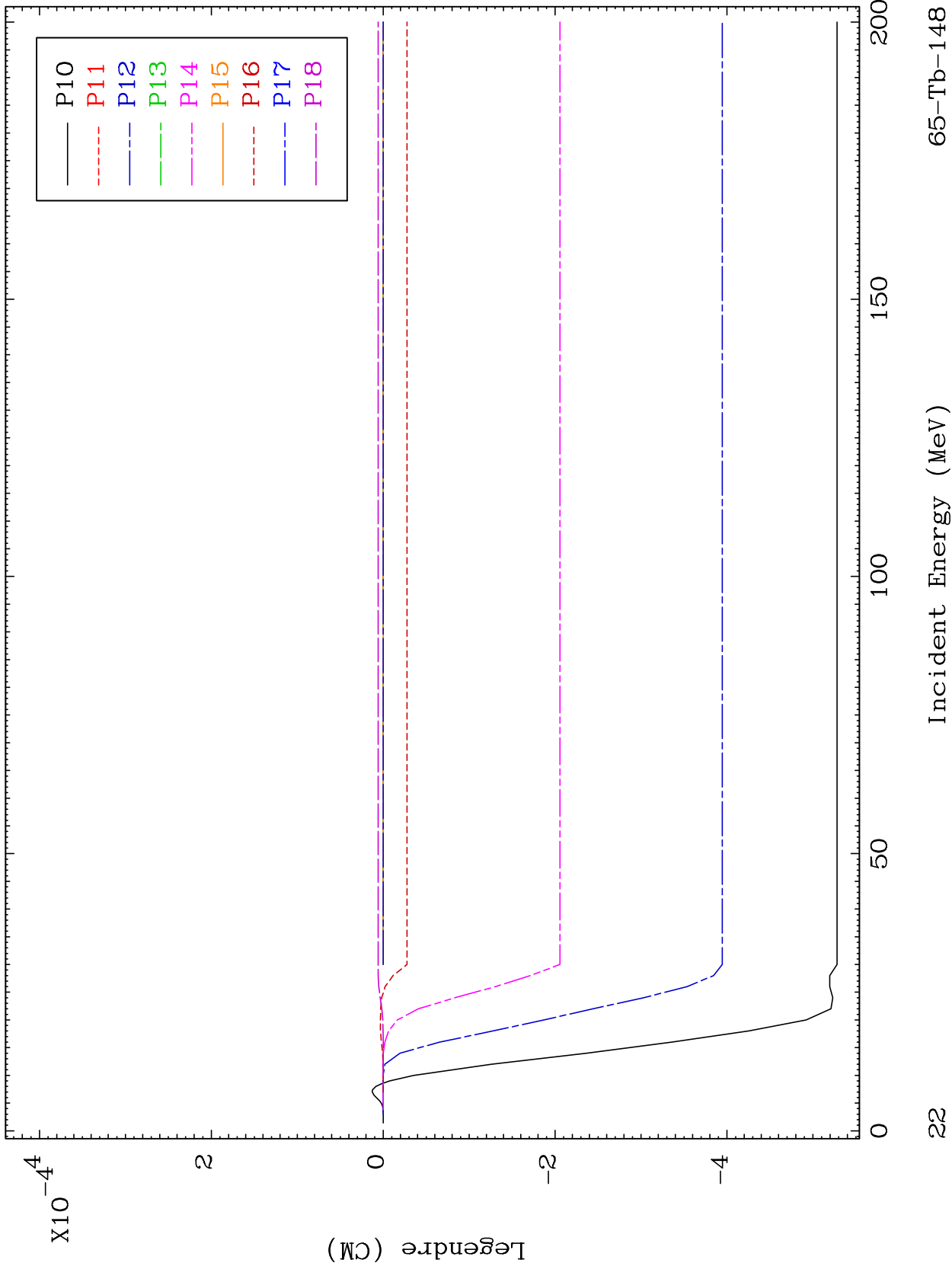
Incident Energy (MeV)

21

MAT 6492

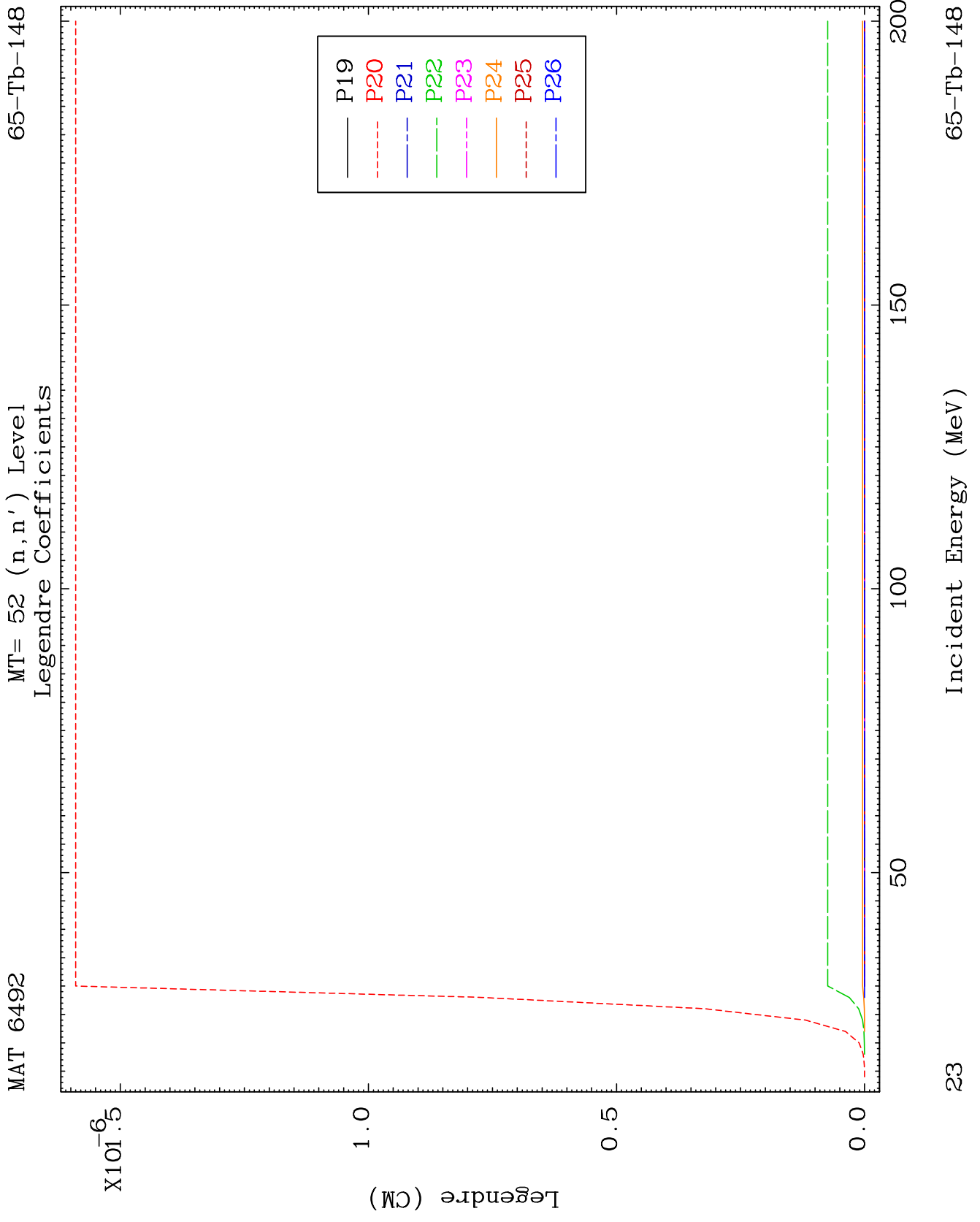
MT= 52 (n,n') Level
Legendre Coefficients

65-Tb-148



22

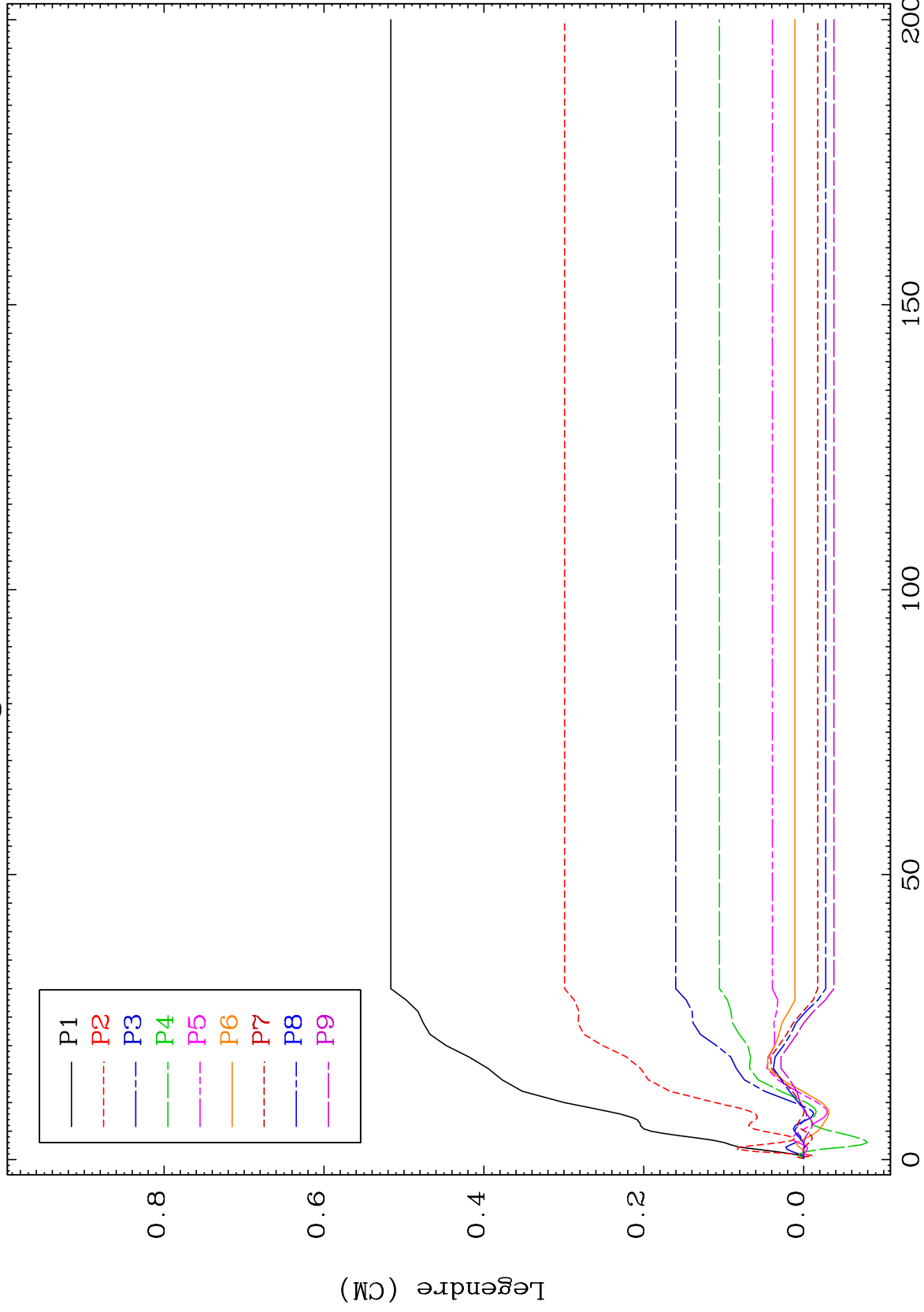
65-Tb-148



MAT 6492

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

65-Tb-148



24

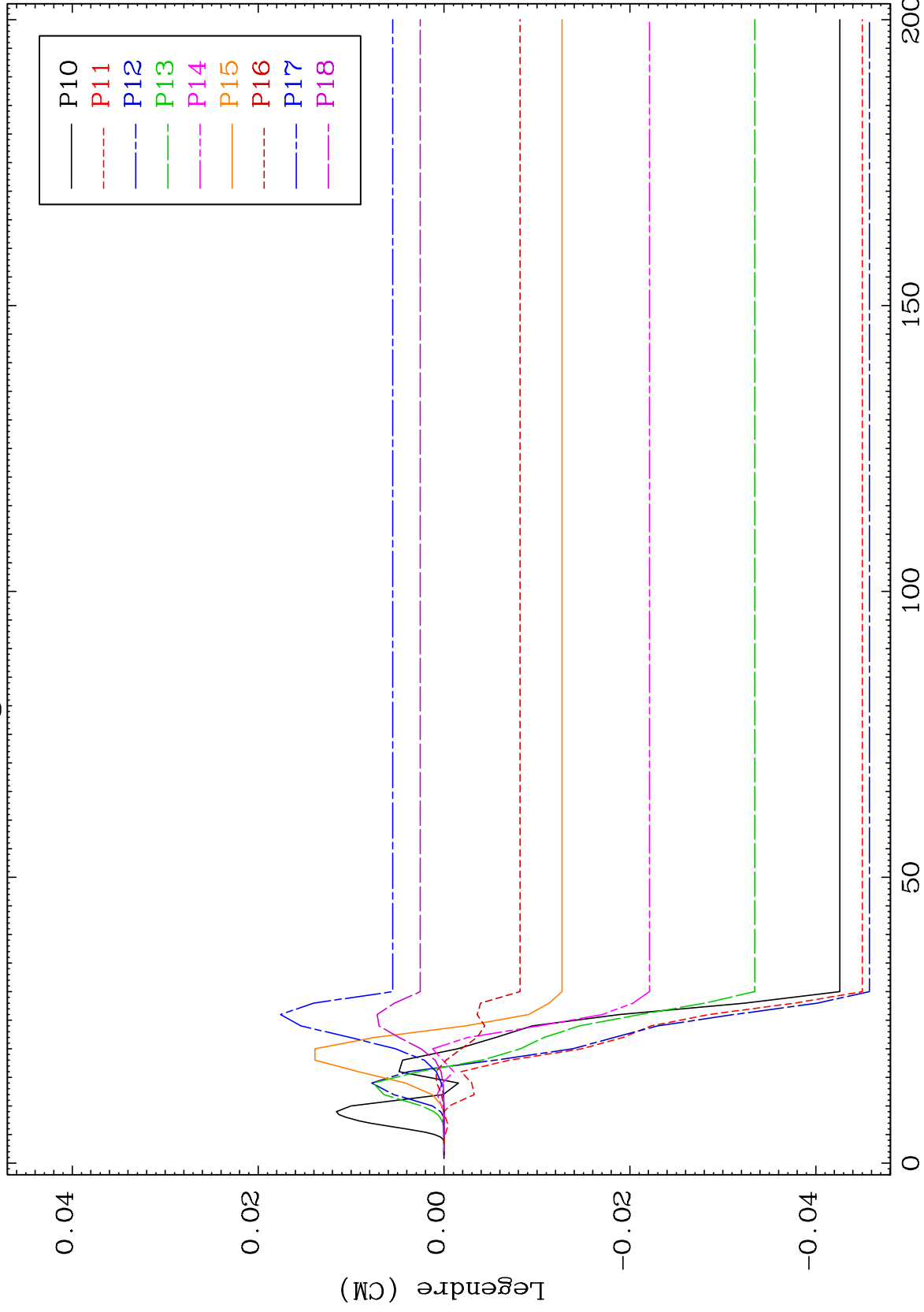
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

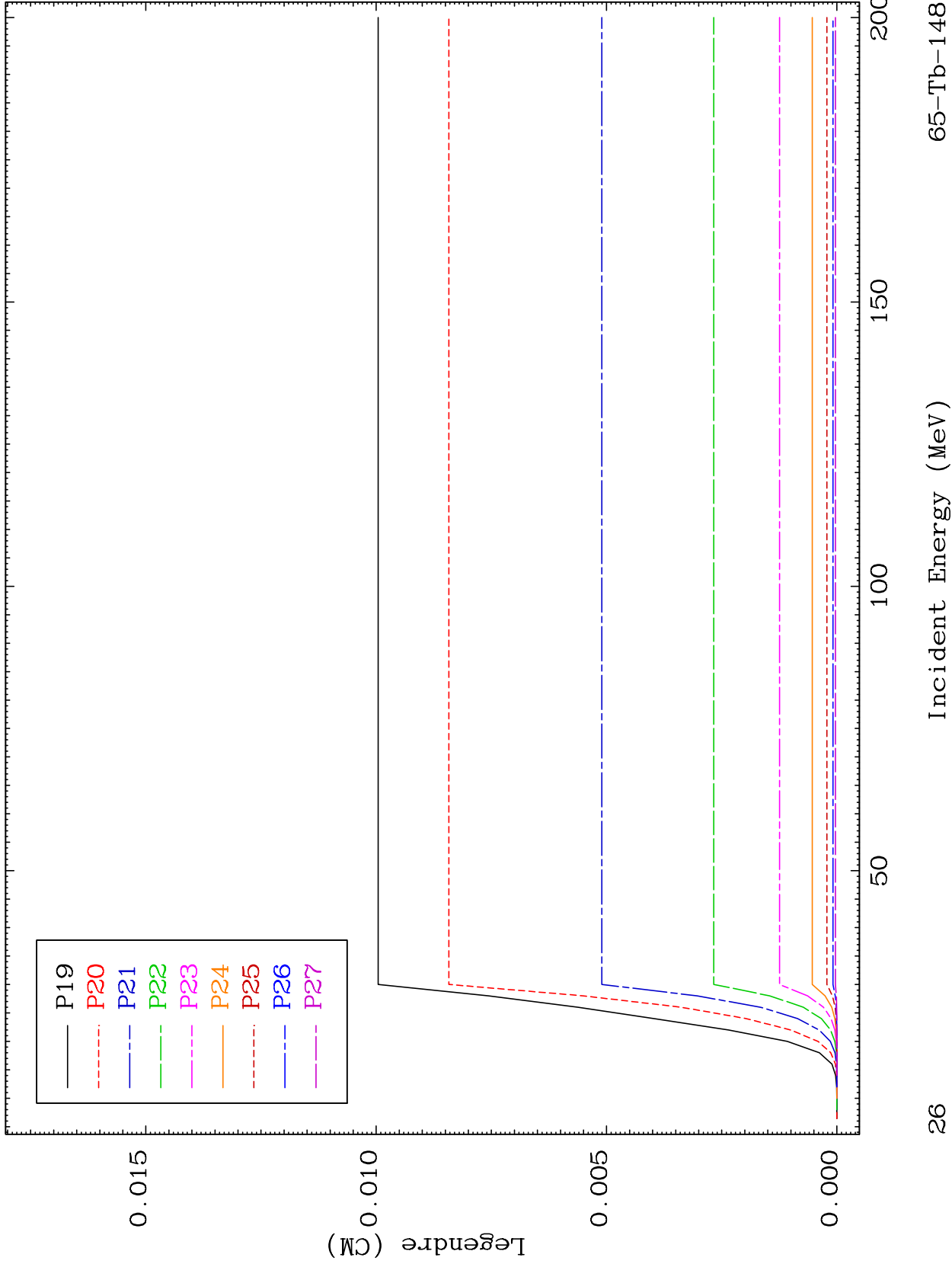
65-Tb-148



25

Incident Energy (MeV)

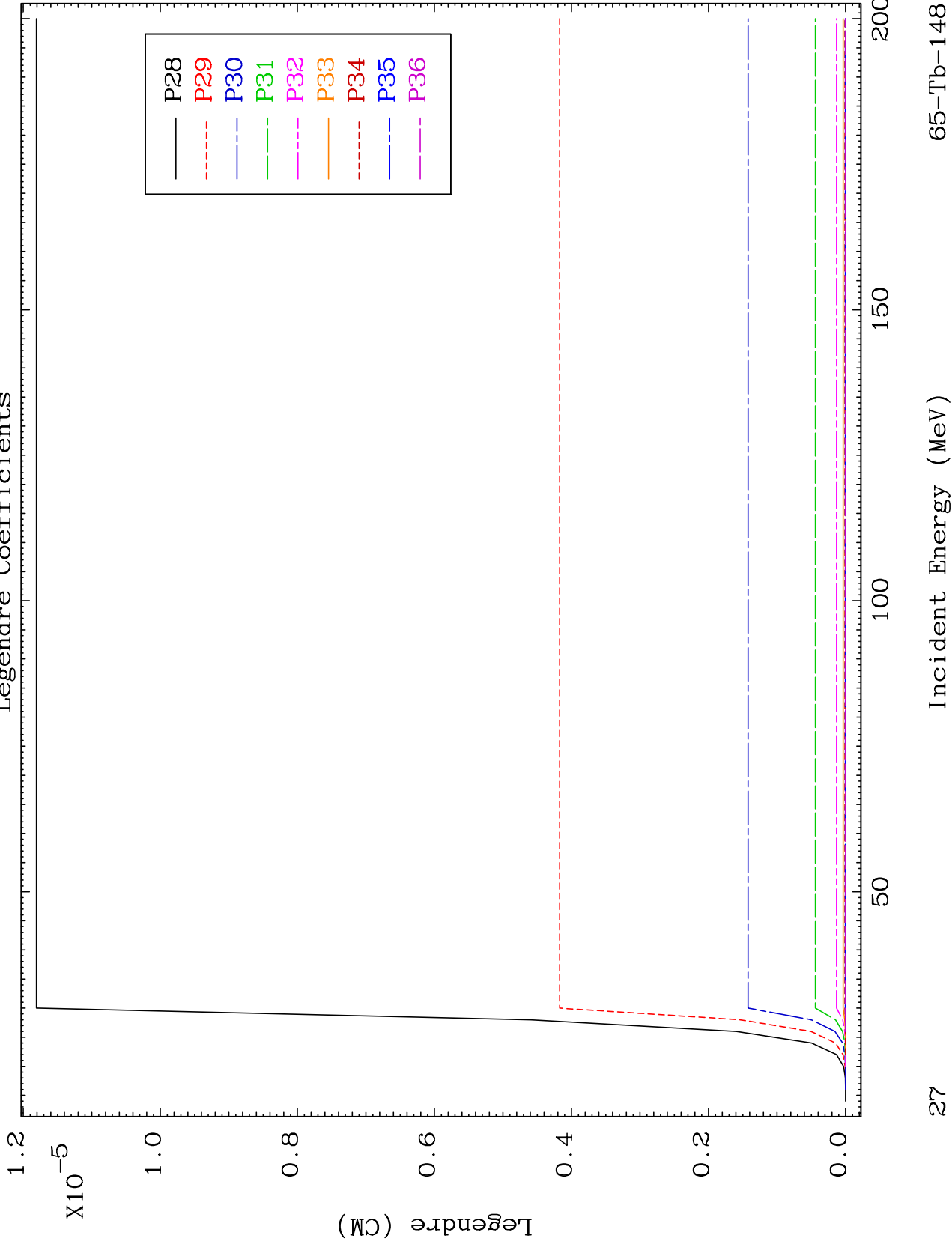
65-Tb-148



MAT 6492

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

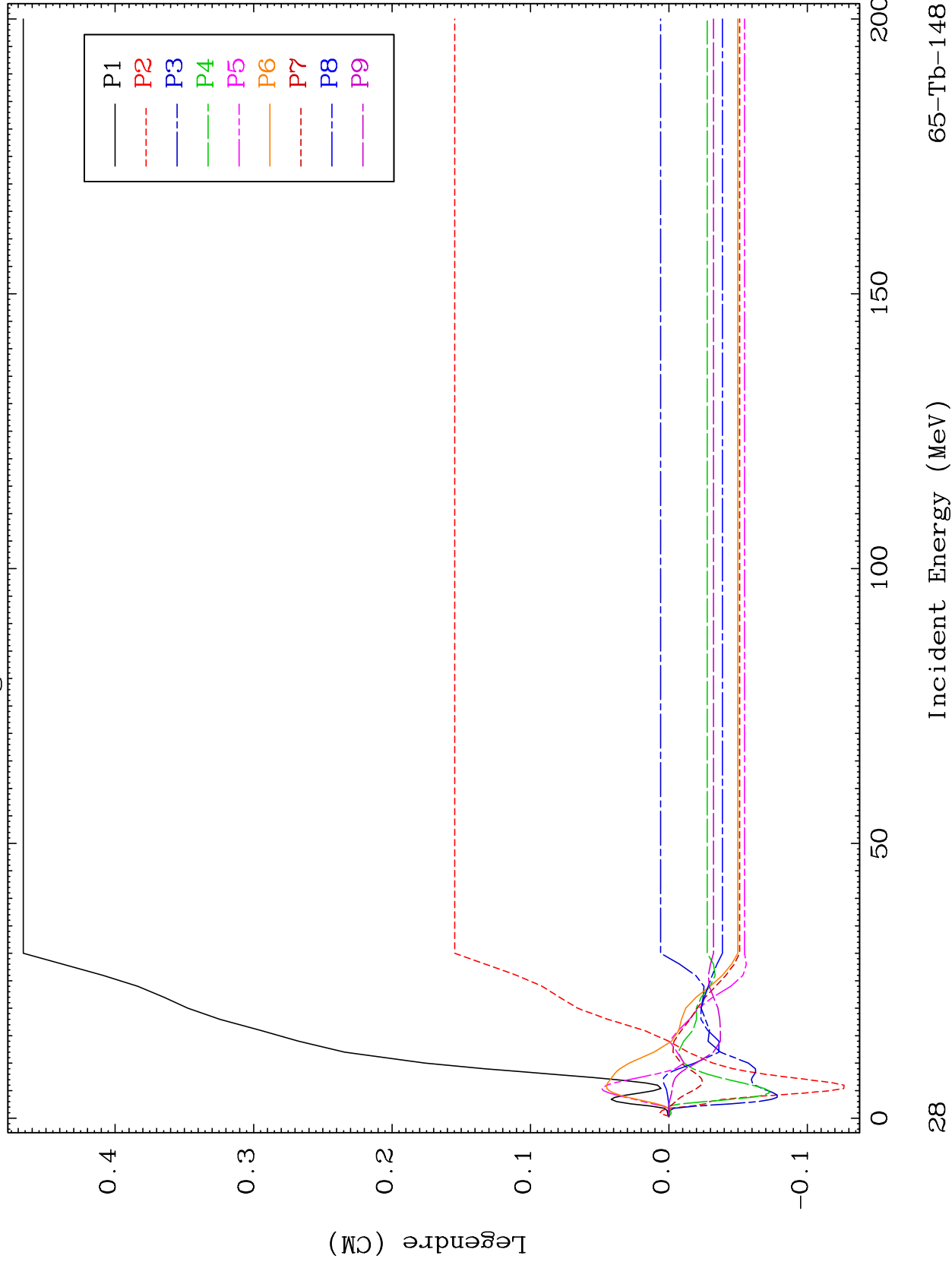
65-Tb-148



MAT 6492

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

65-Tb-148



65-Tb-148

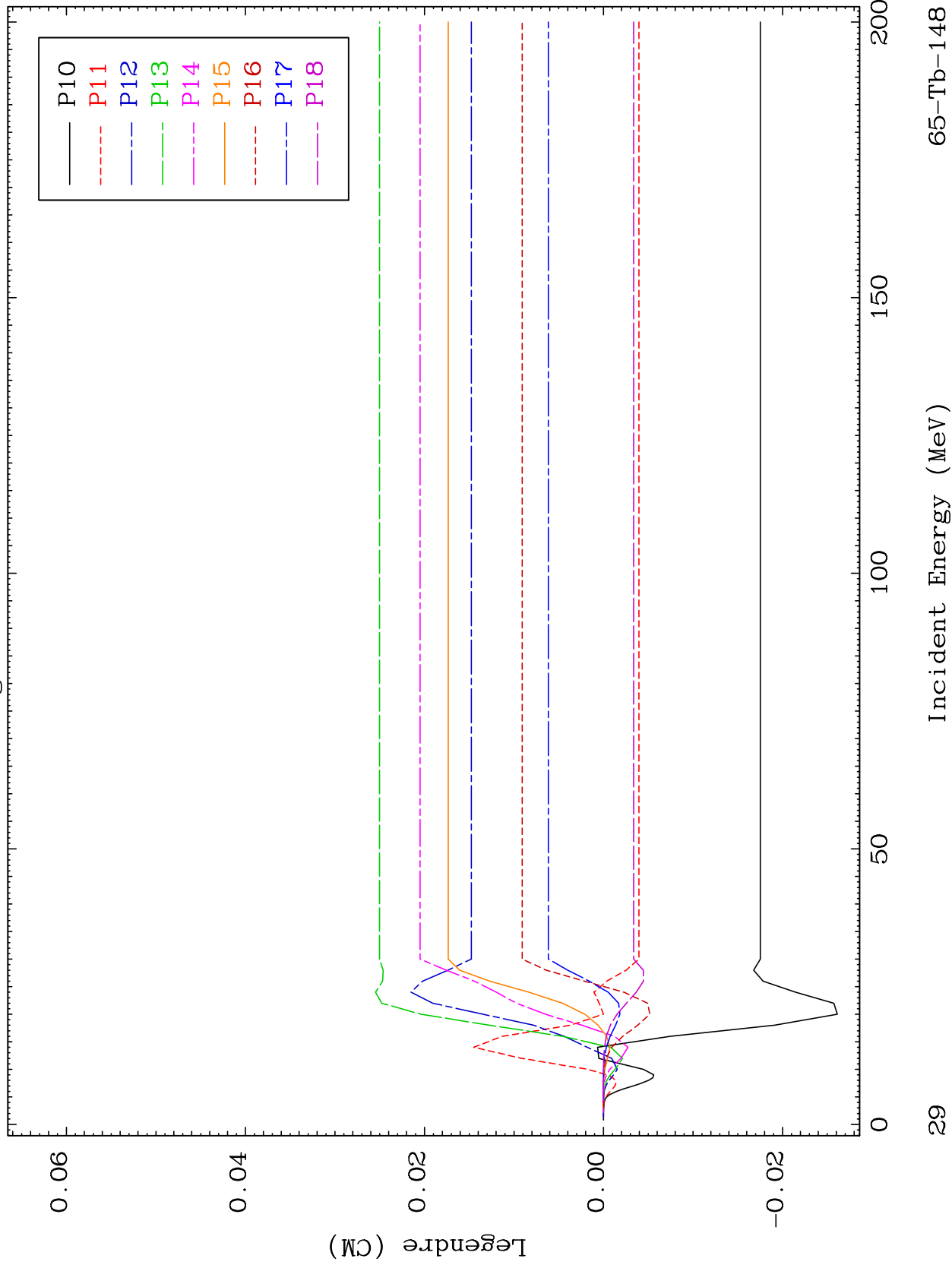
Incident Energy (MeV)

28

MAT 6492

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

65-Tb-148



29

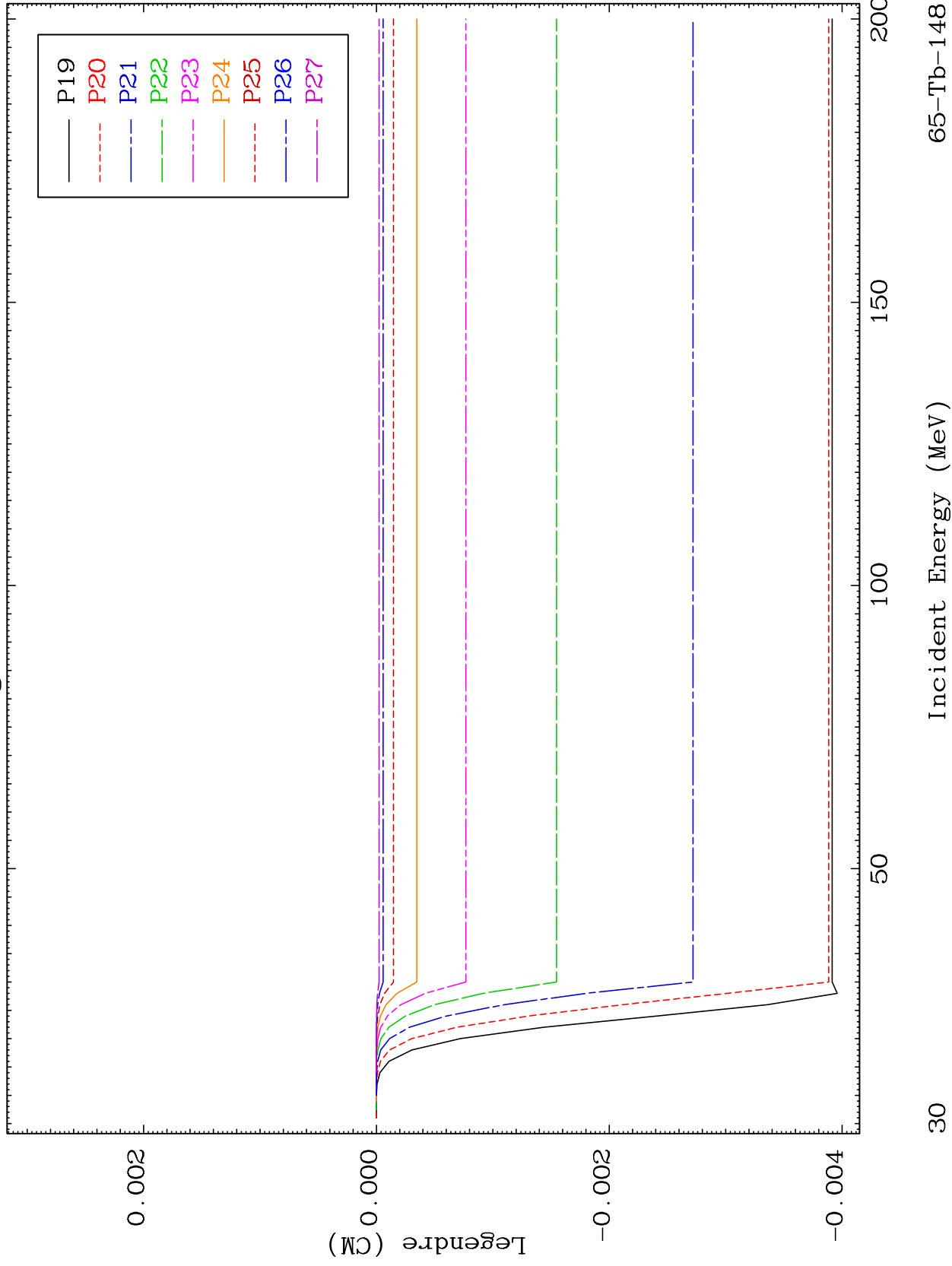
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



65-Tb-148

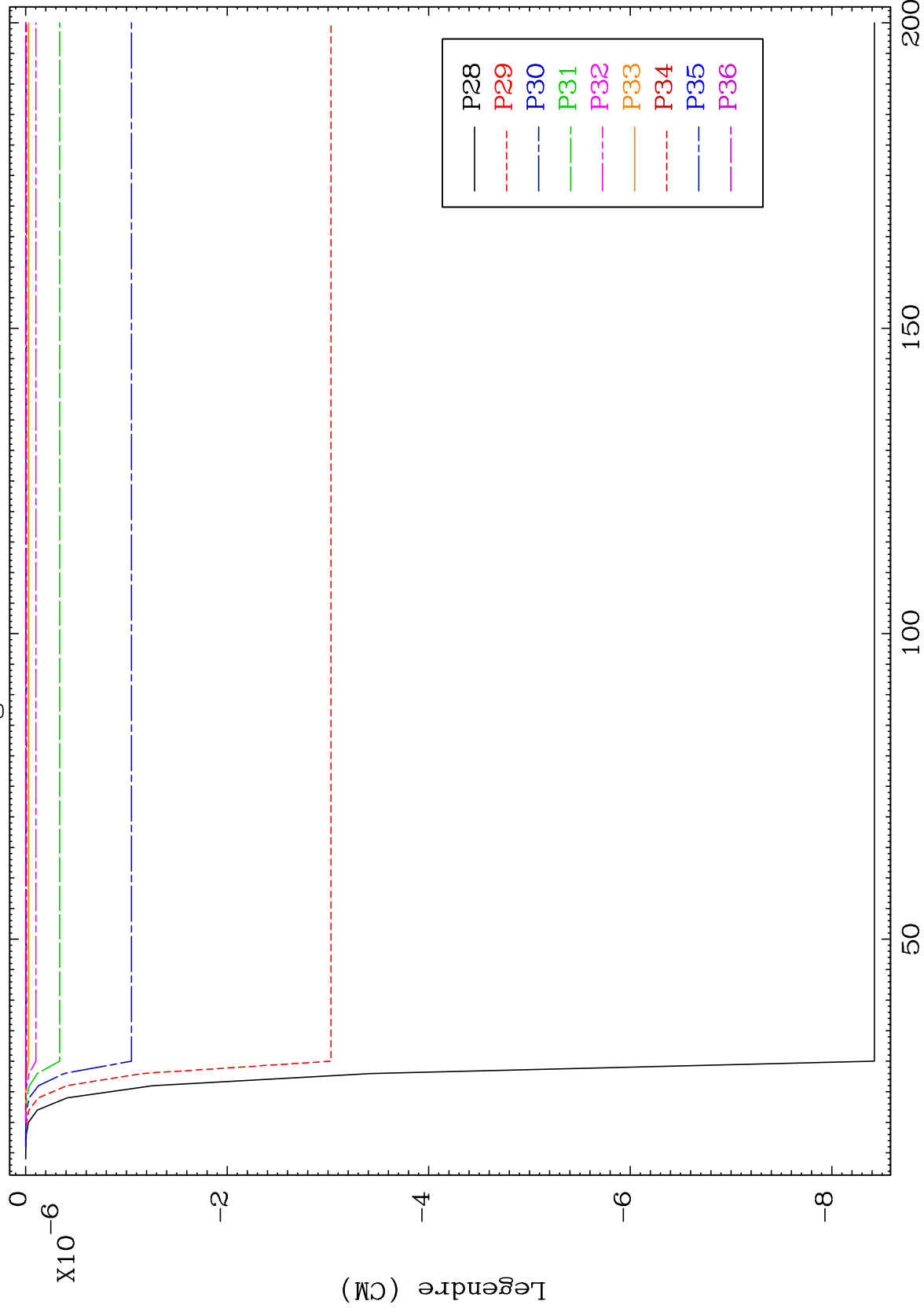
Incident Energy (MeV)

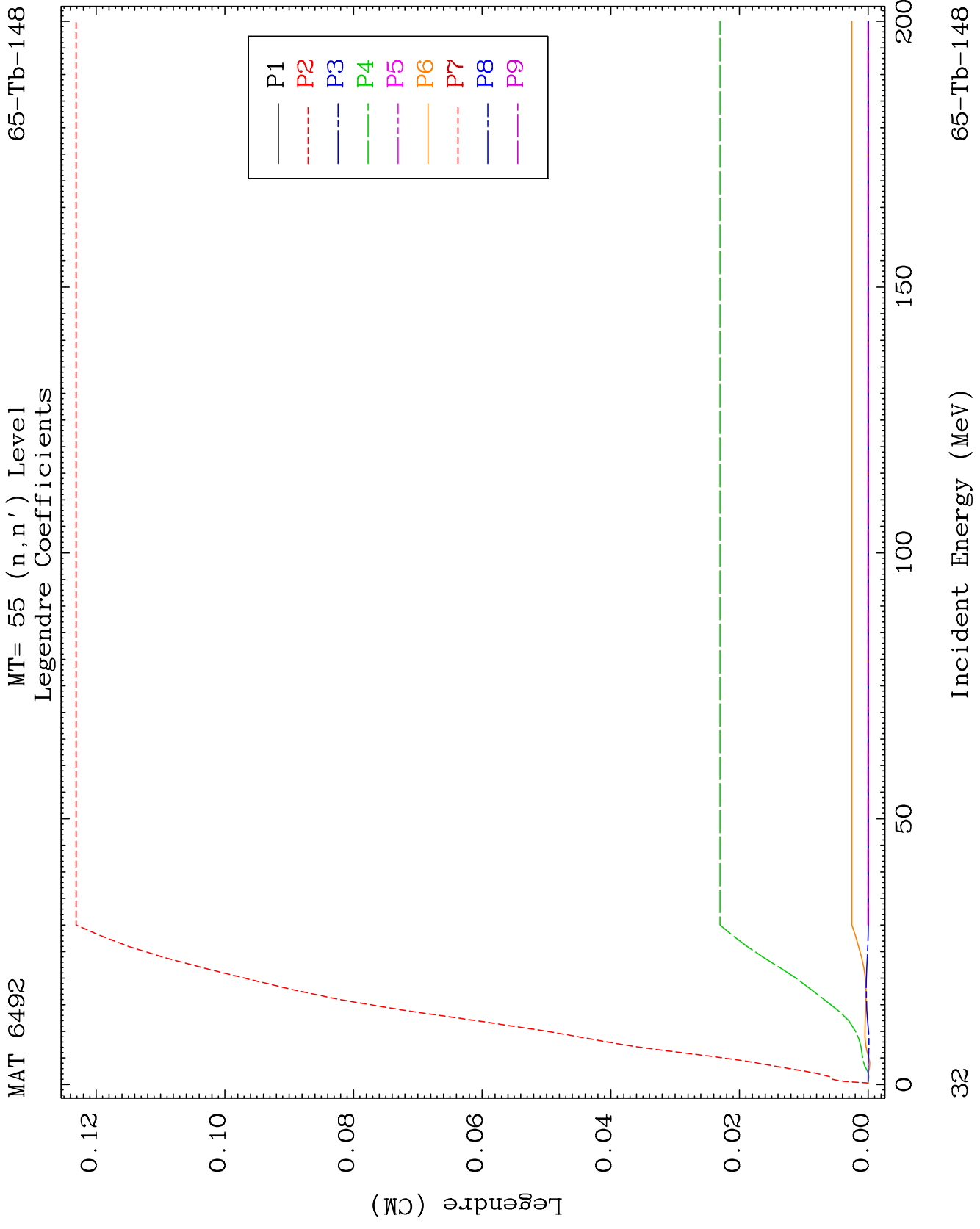
30

MAT 6492

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

65-Tb-148

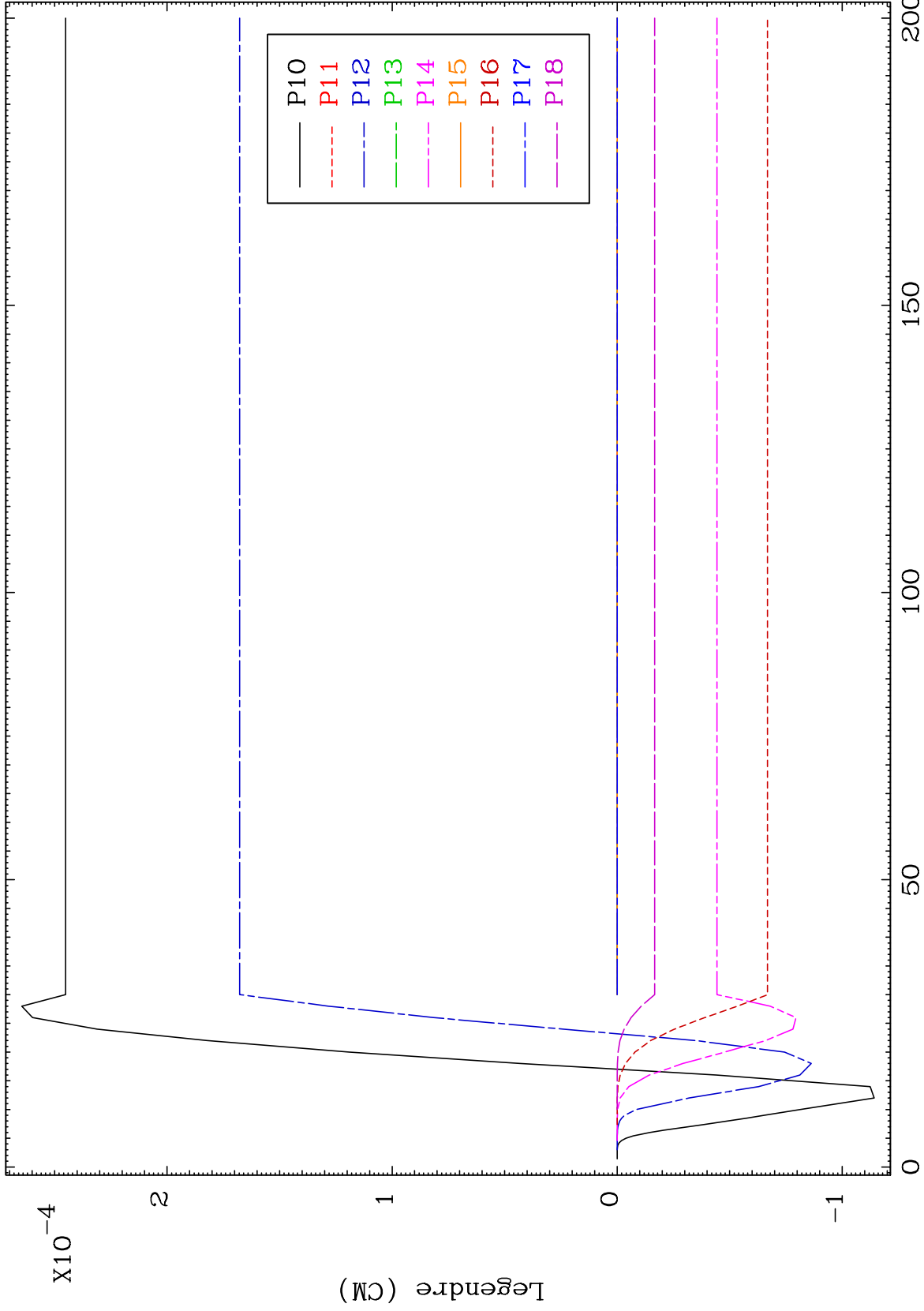




MAT 6492

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

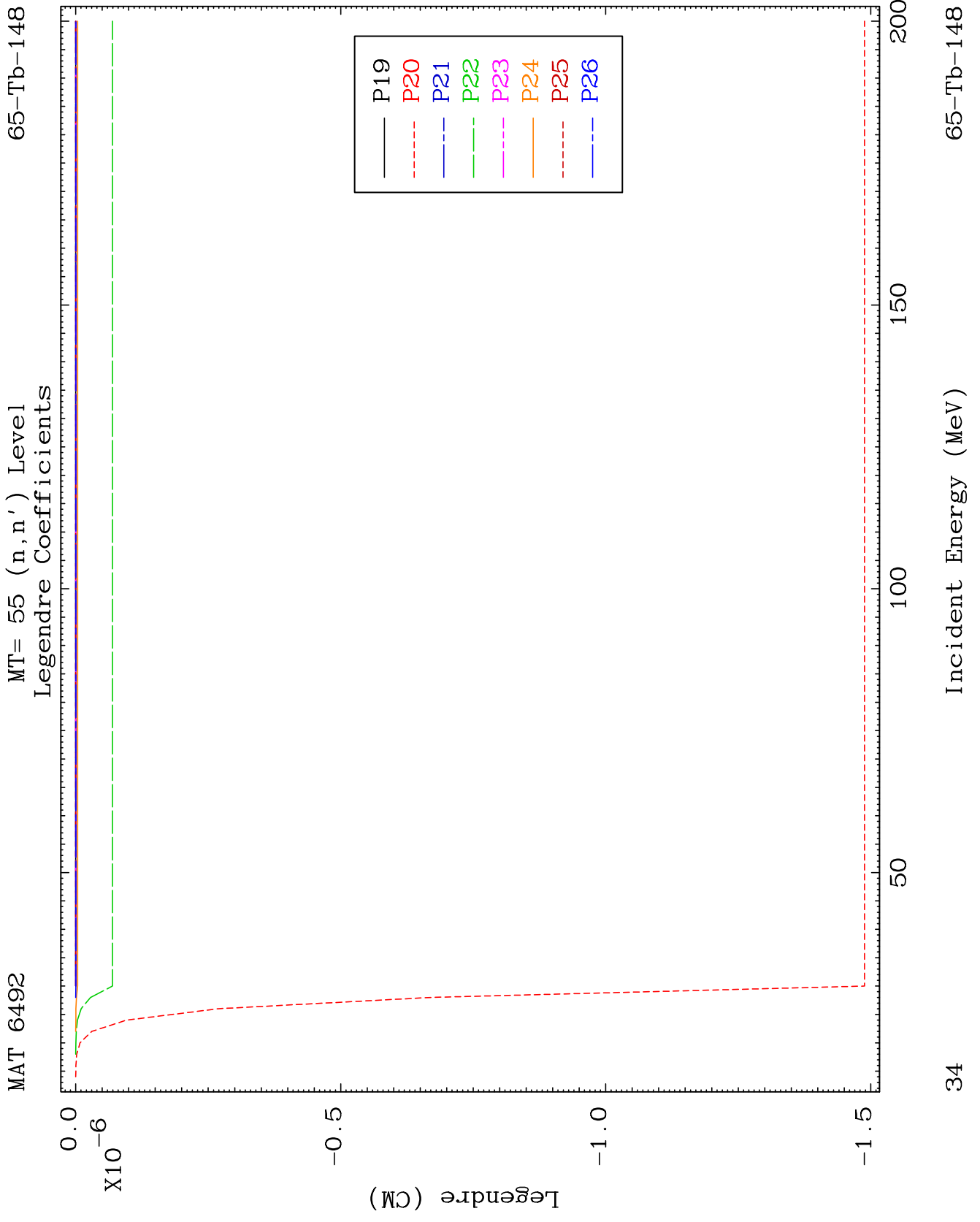
65-Tb-148



33

Incident Energy (MeV)

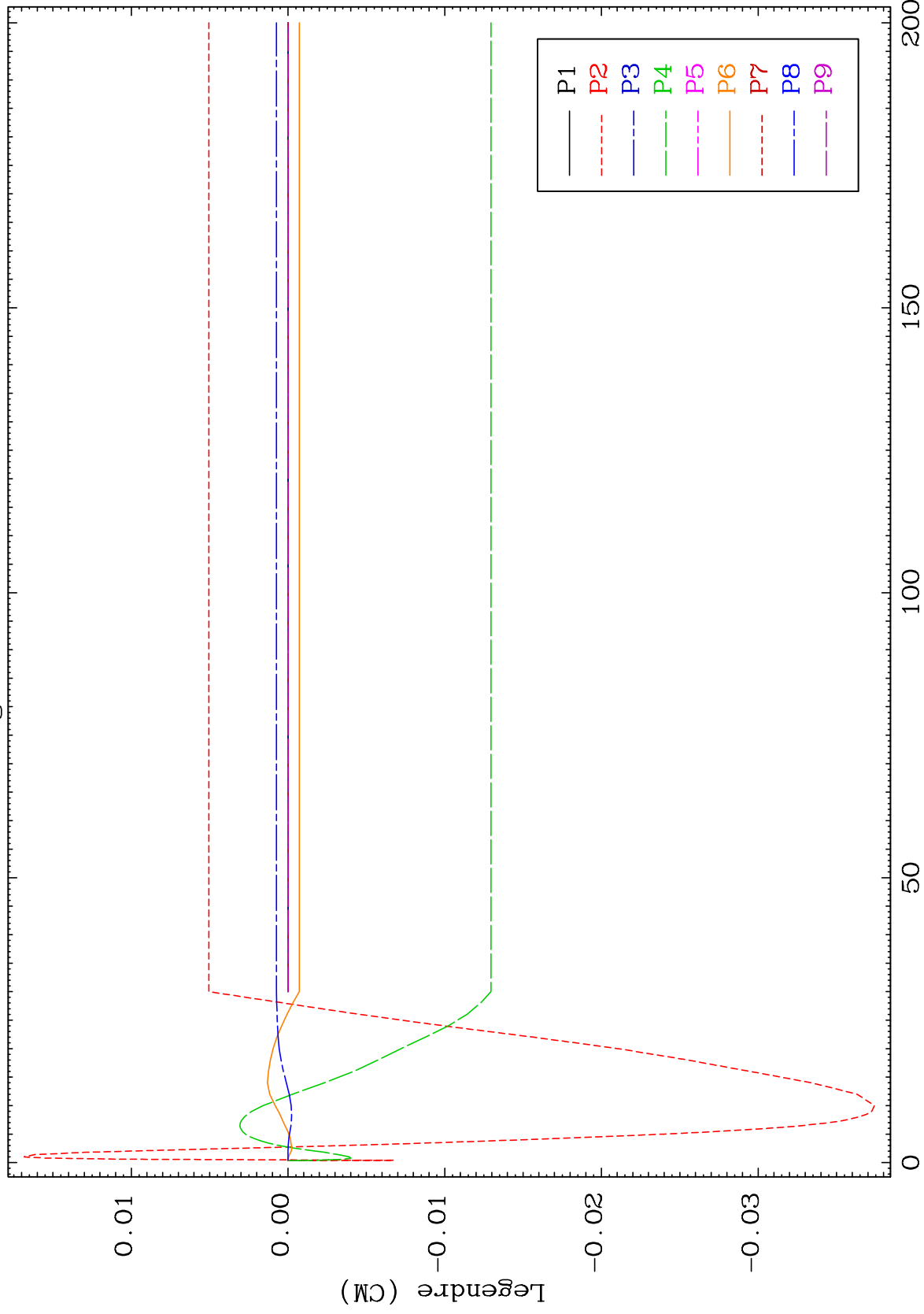
65-Tb-148



MAT 6492

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

65-Tb-148



65-Tb-148

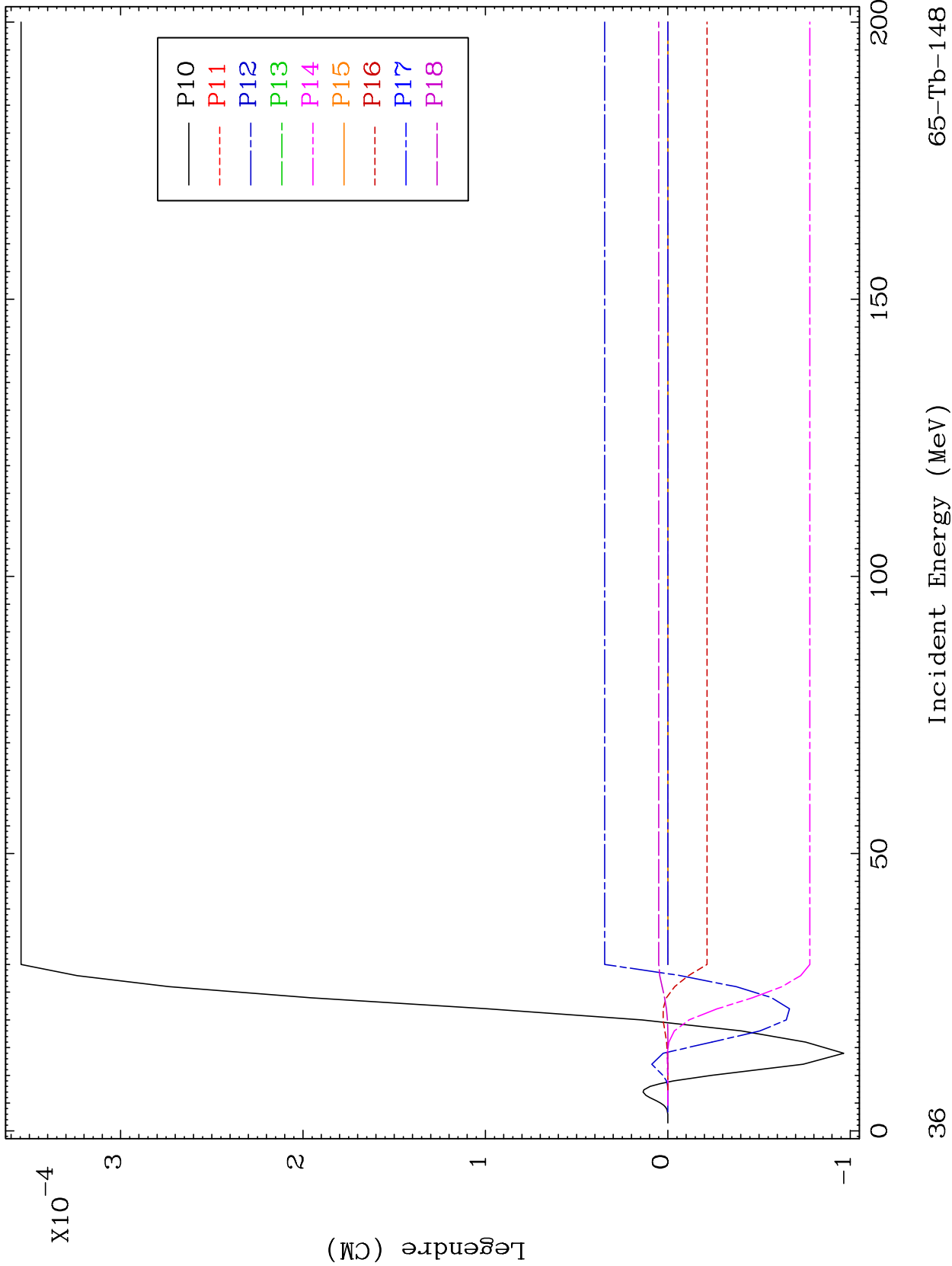
Incident Energy (MeV)

35

MAT 6492

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

65-Tb-148



36

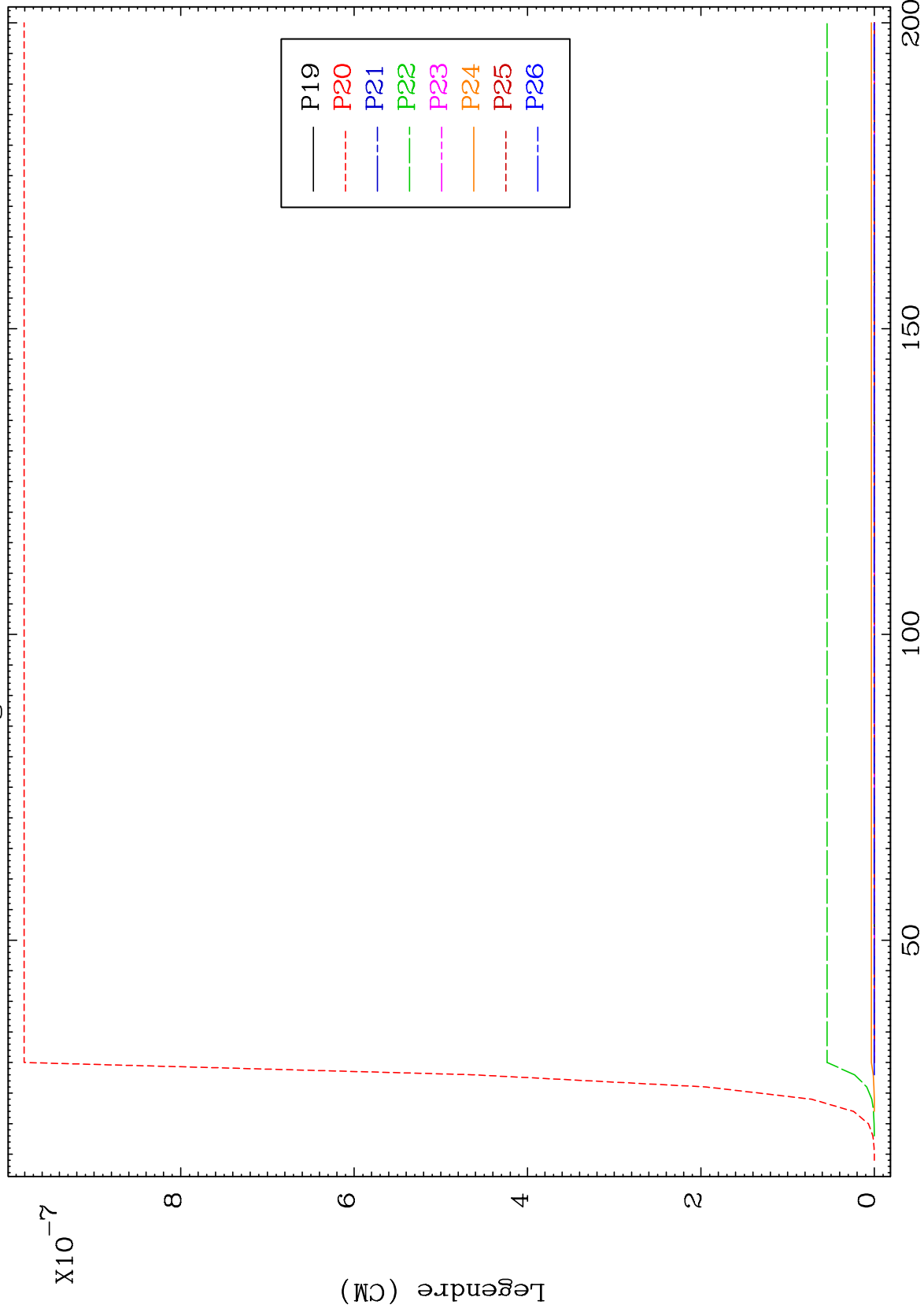
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

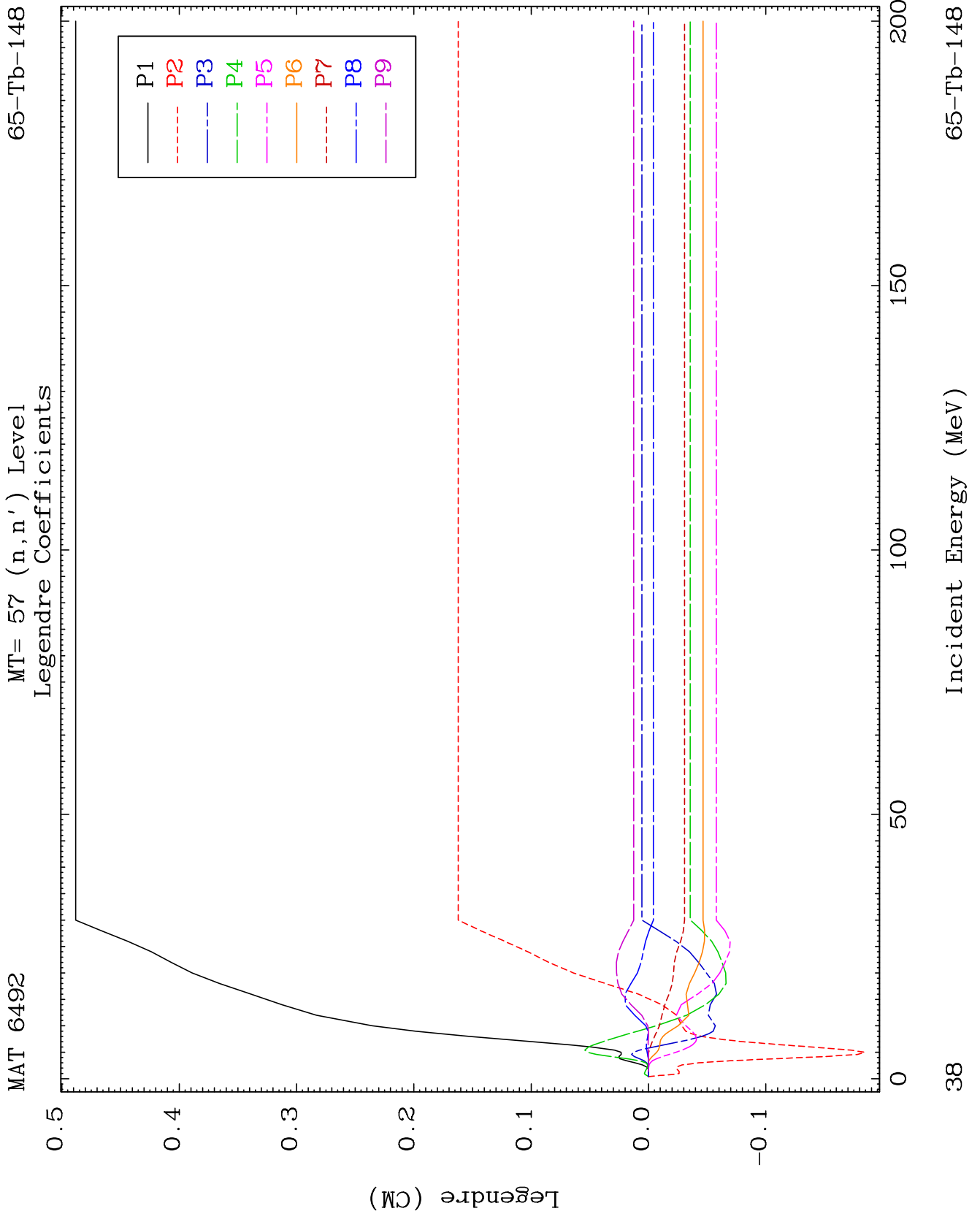
65-Tb-148



37

Incident Energy (MeV)

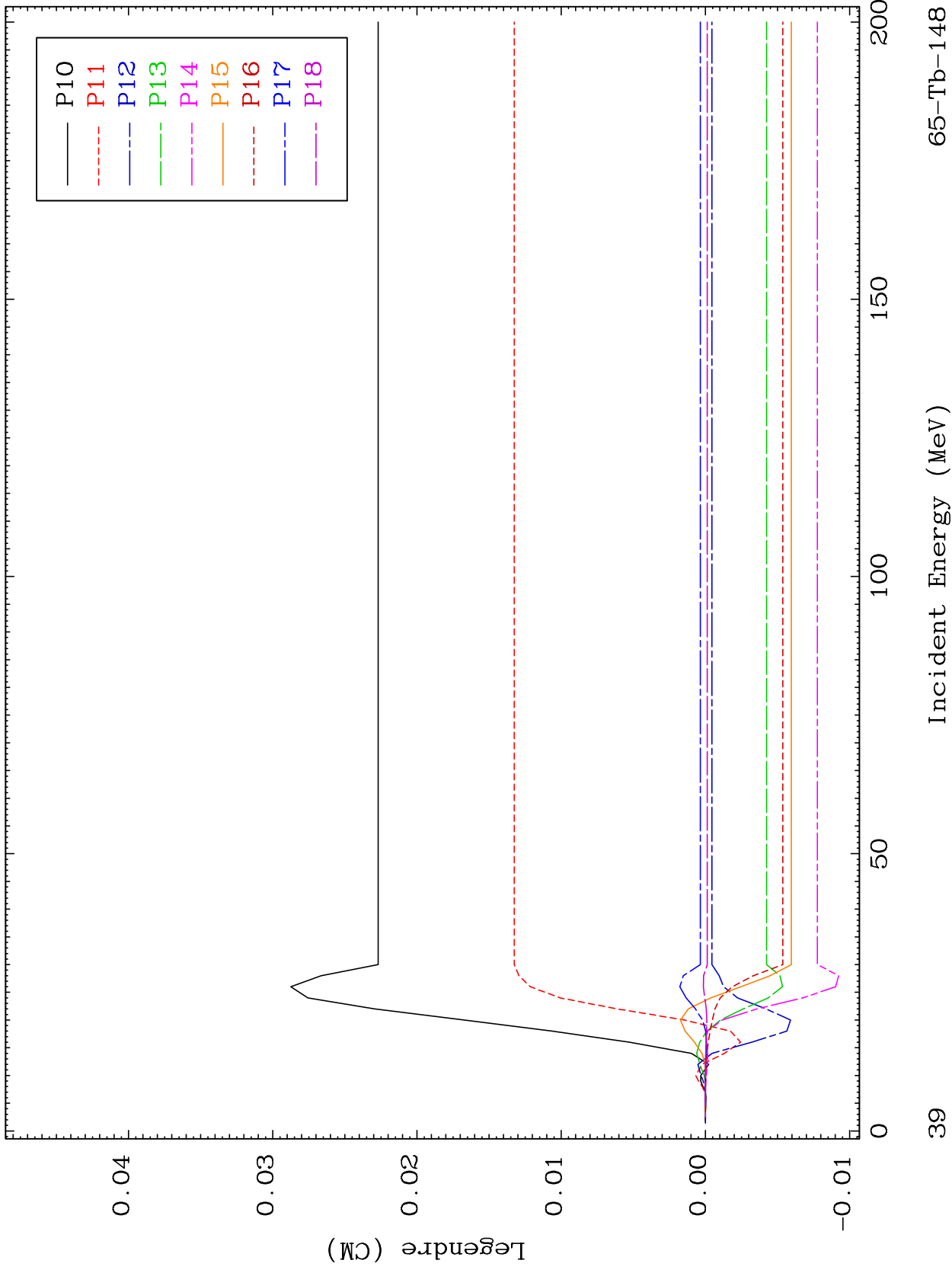
65-Tb-148



MAT 6492

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

65-Tb-148



39

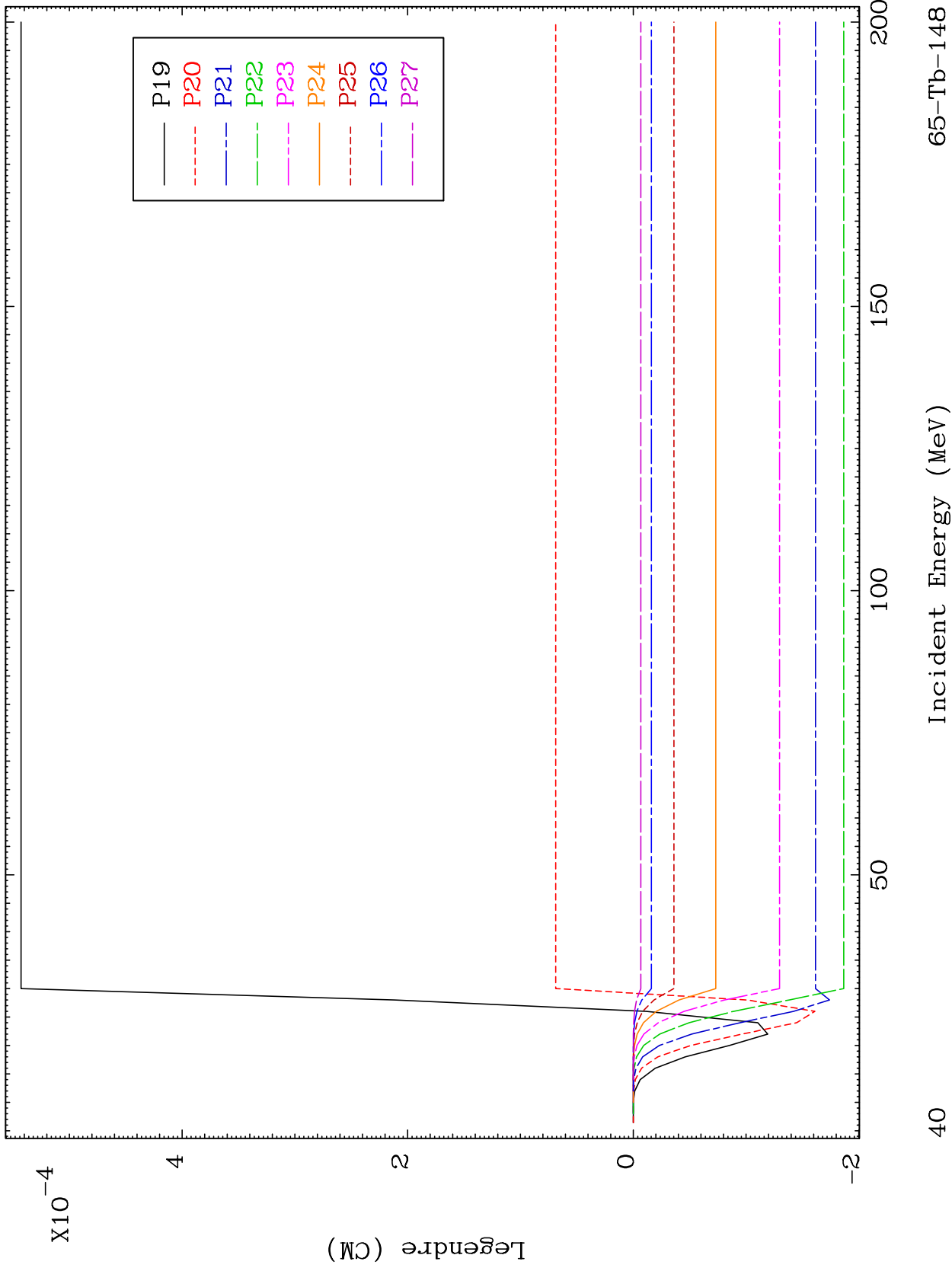
Incident Energy (MeV)

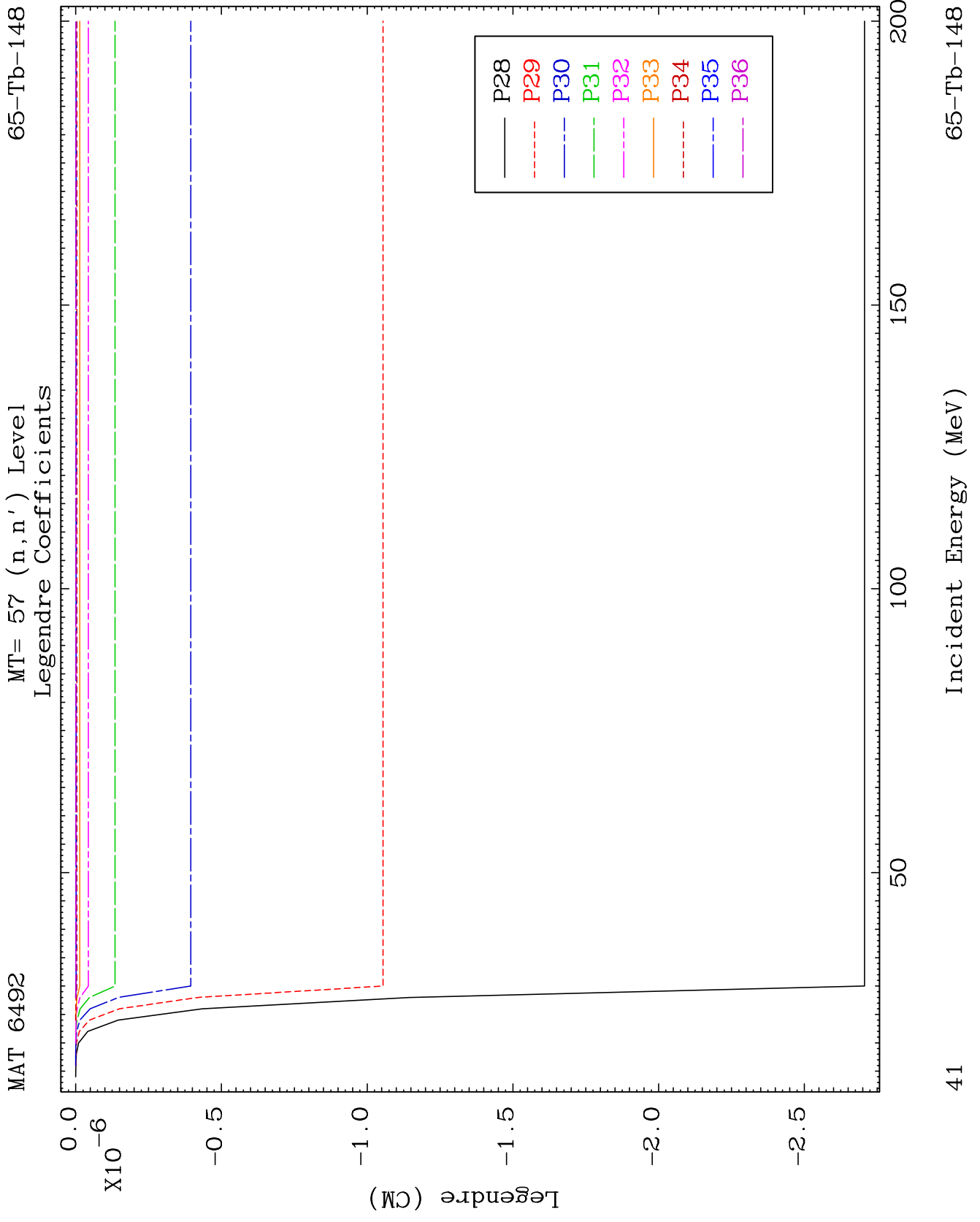
65-Tb-148

MAT 6492

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

65-Tb-148

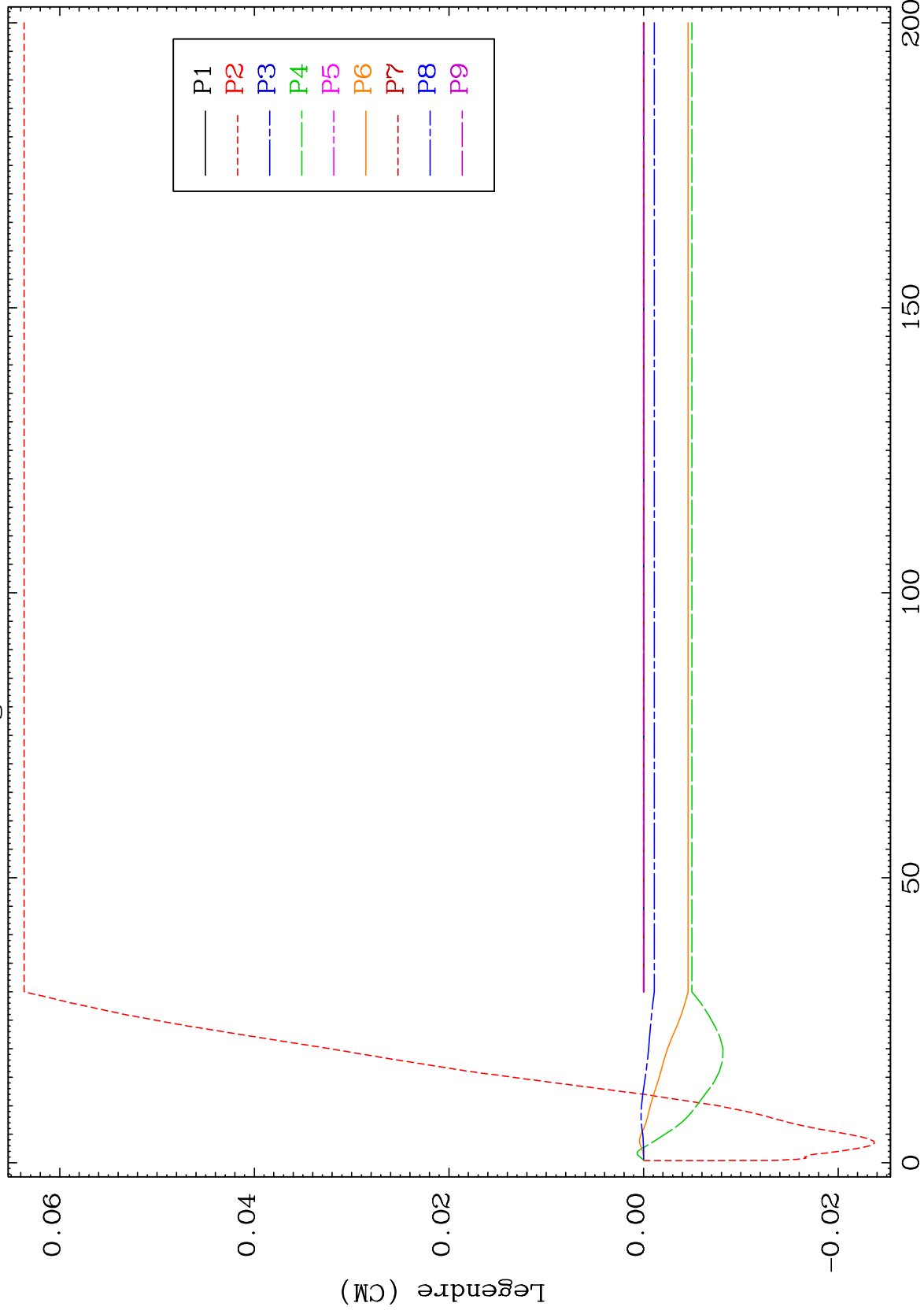




MAT 6492

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

65-Tb-148



65-Tb-148

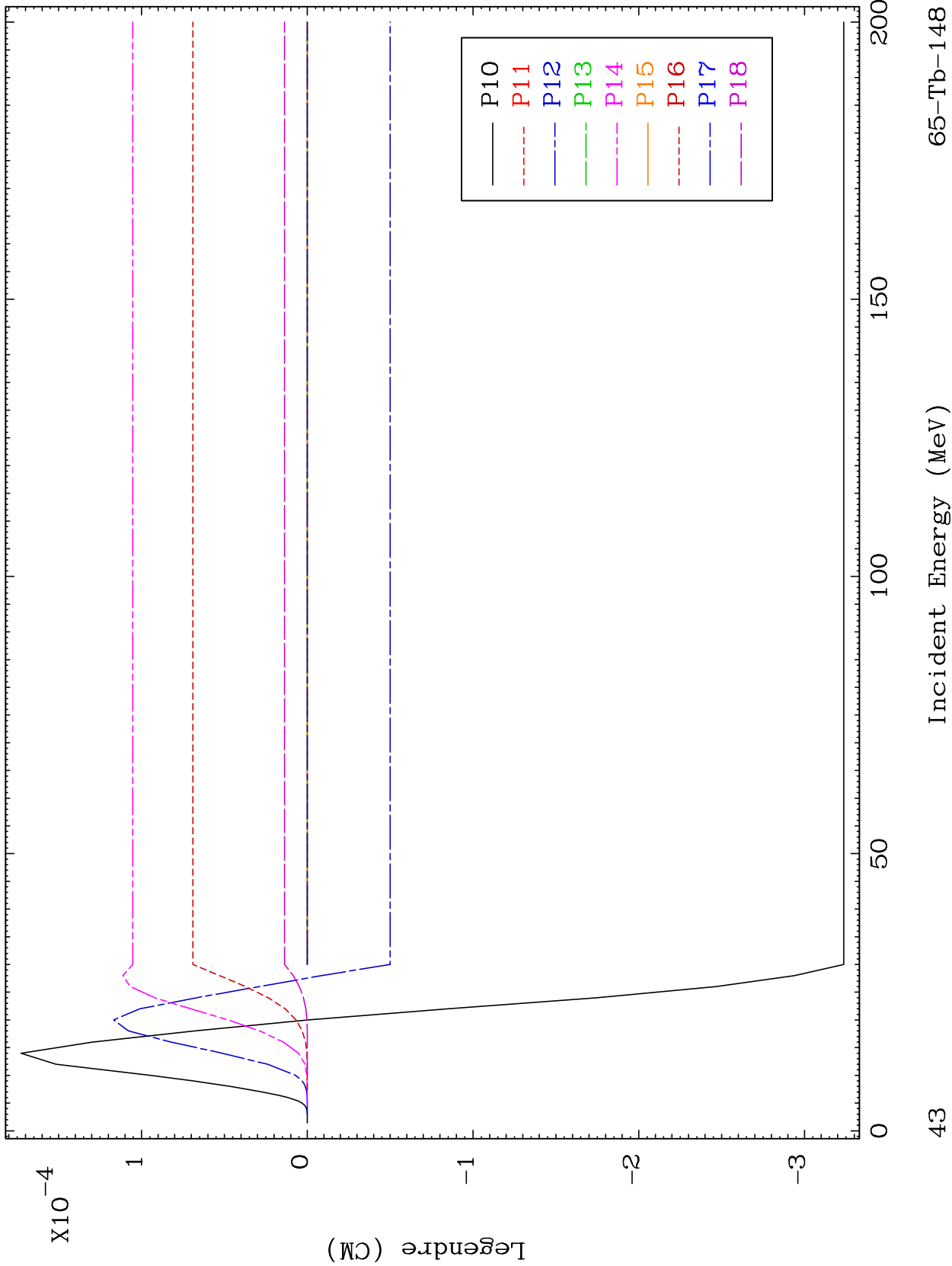
Incident Energy (MeV)

42

MAT 6492

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

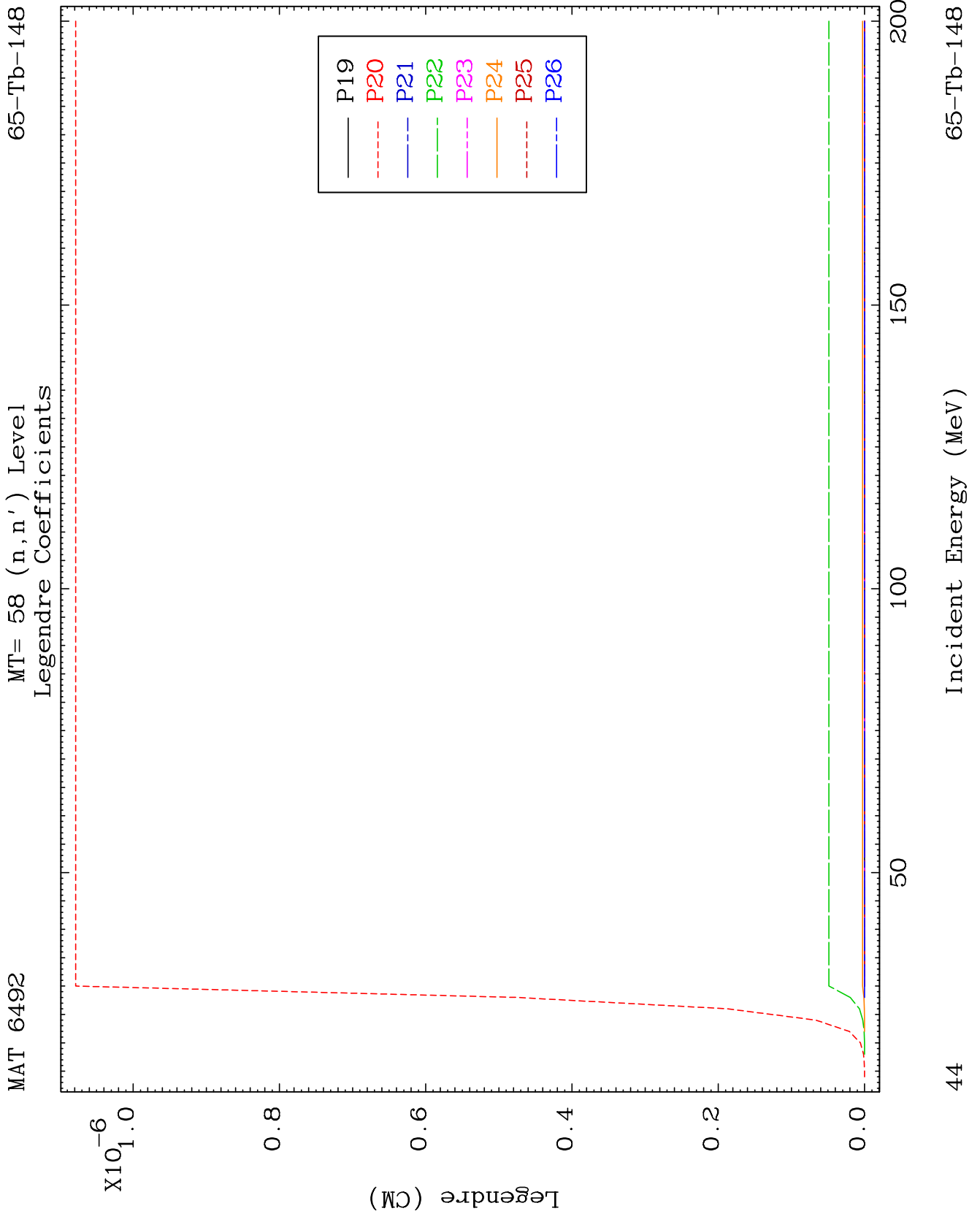
65-Tb-148



43

Incident Energy (MeV)

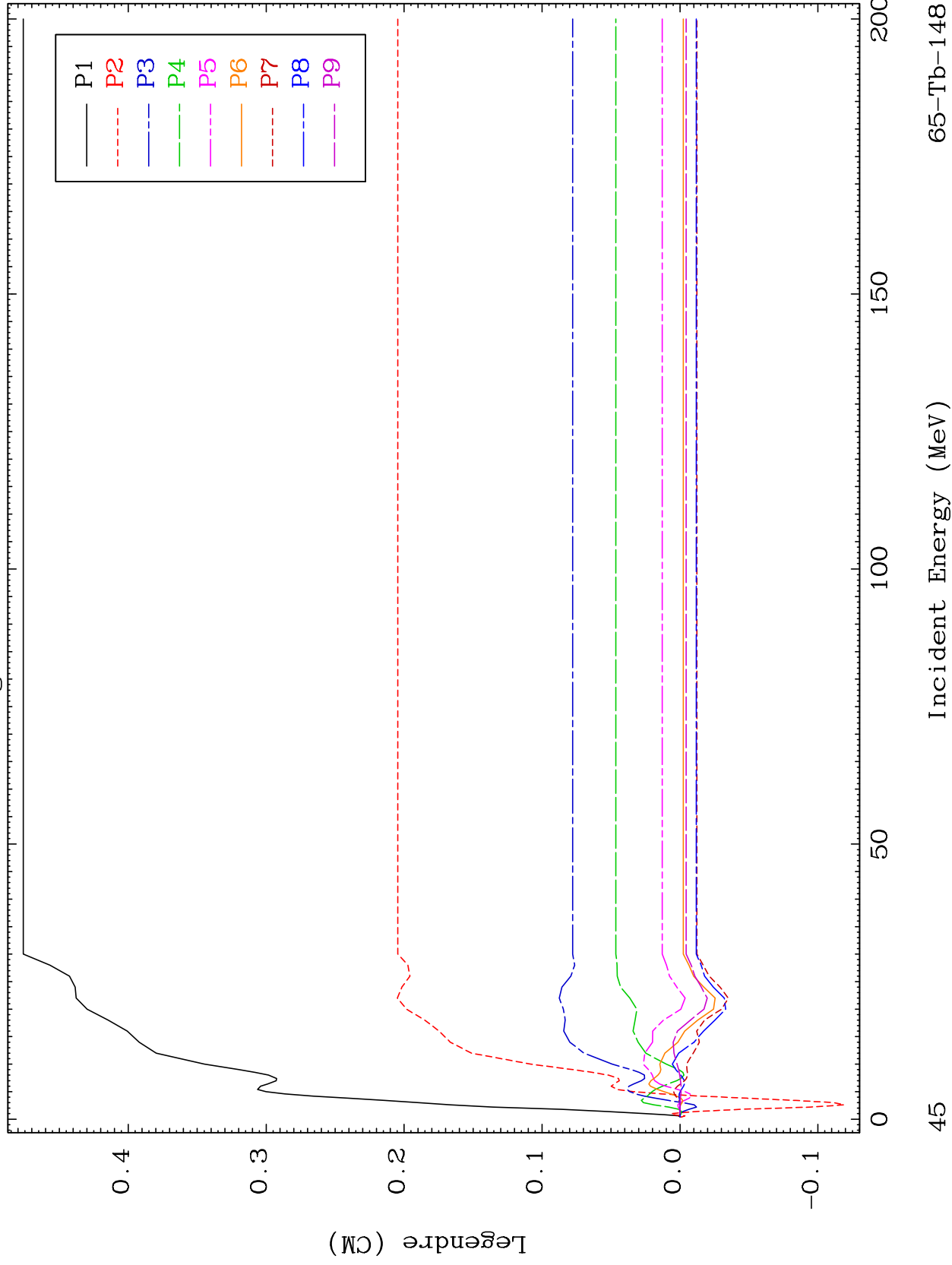
65-Tb-148



MAT 6492

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

65-Tb-148



65-Tb-148

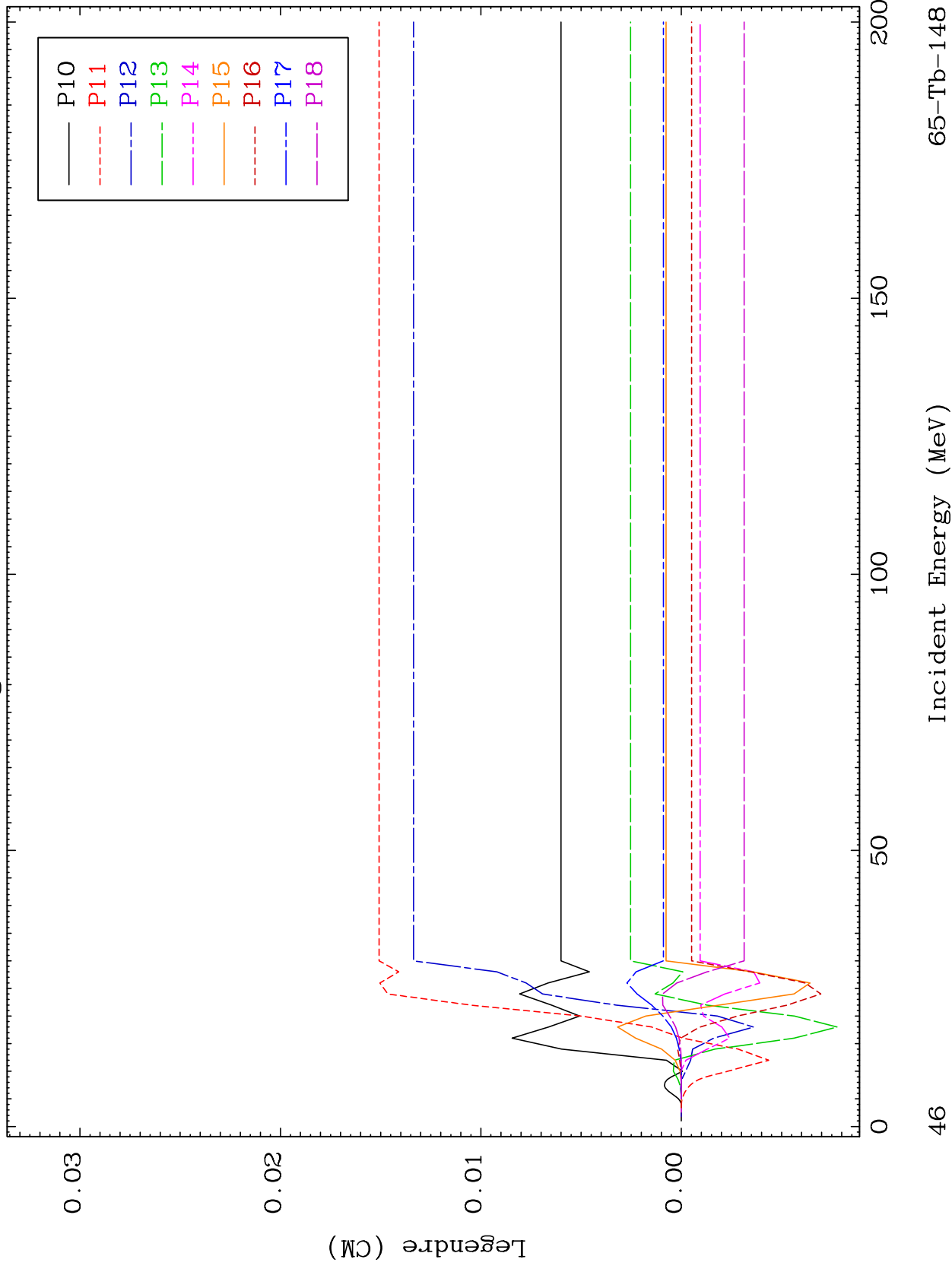
Incident Energy (MeV)

45

MAT 6492

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

65-Tb-148



65-Tb-148

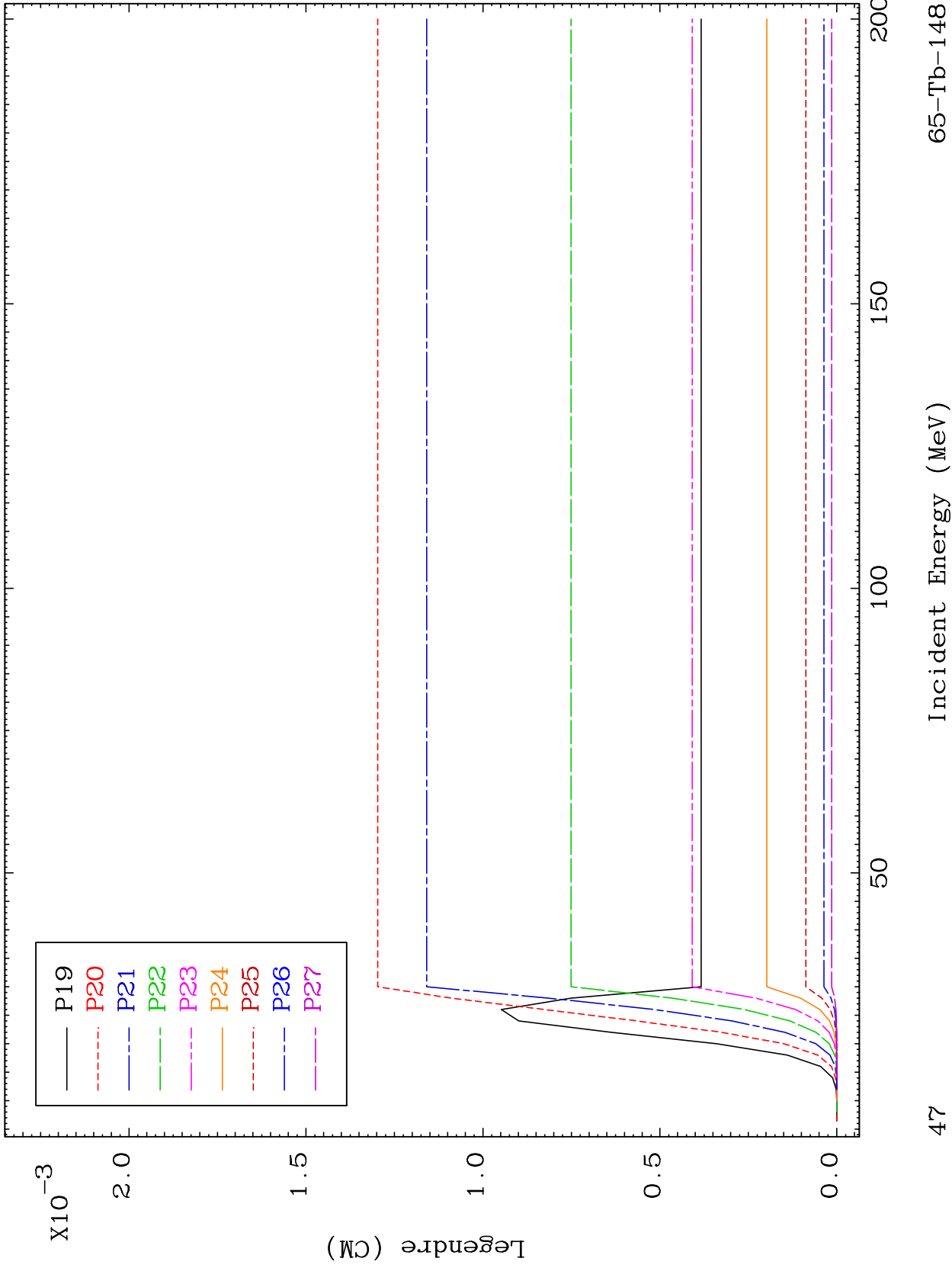
Incident Energy (MeV)

46

MAT 6492

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

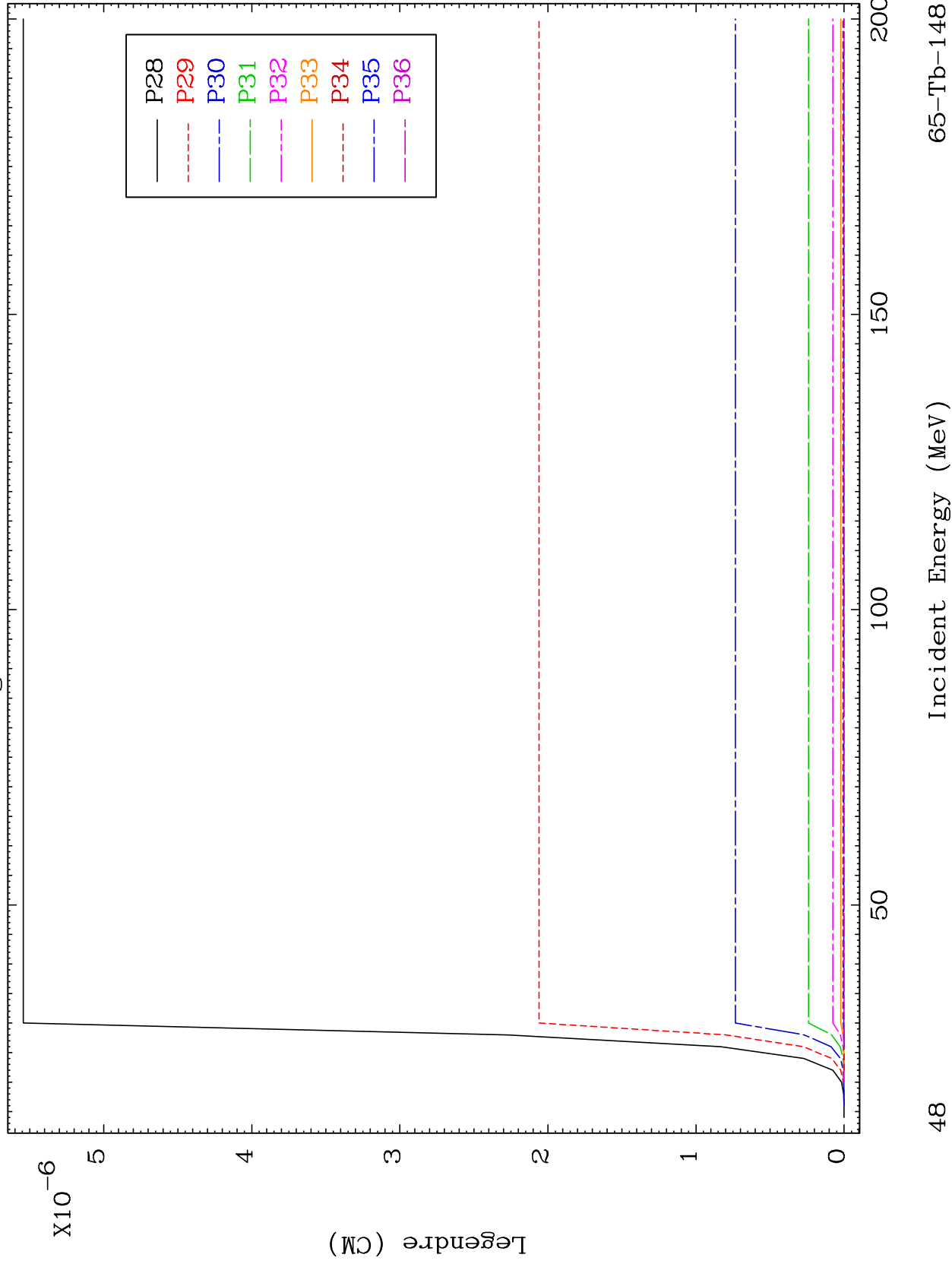
65-Tb-148



MAT 6492

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

65-Tb-148



48

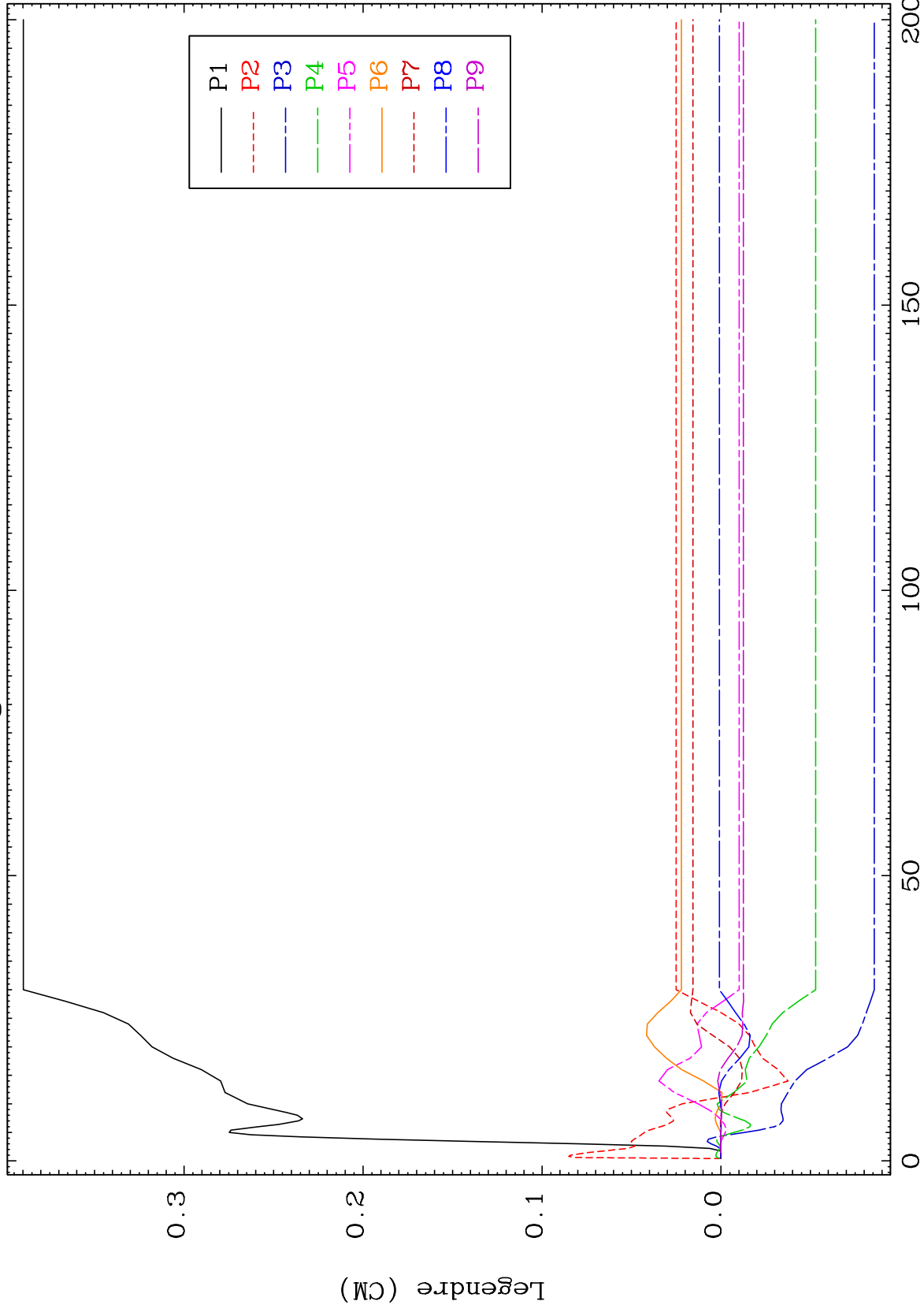
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



49

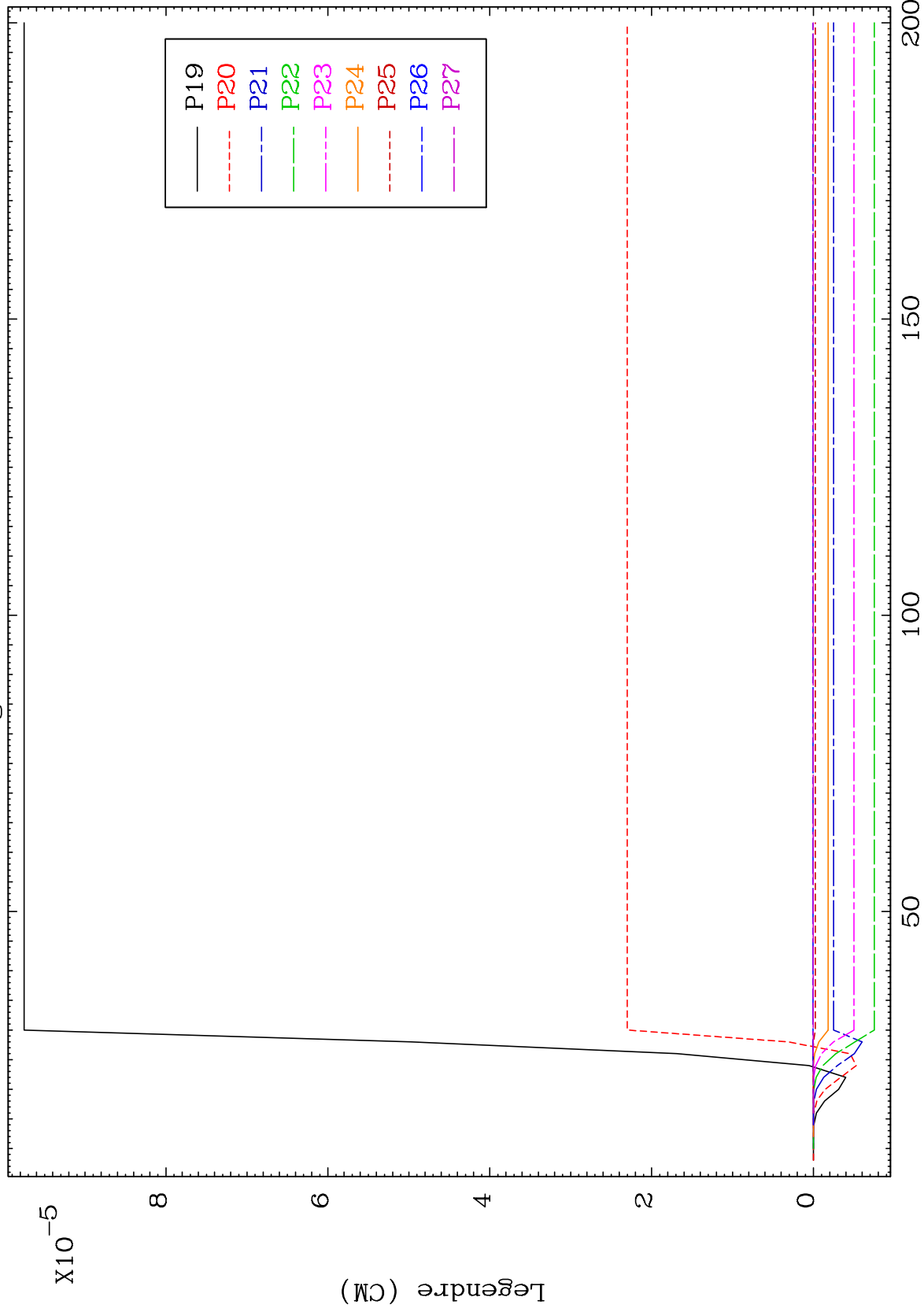
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



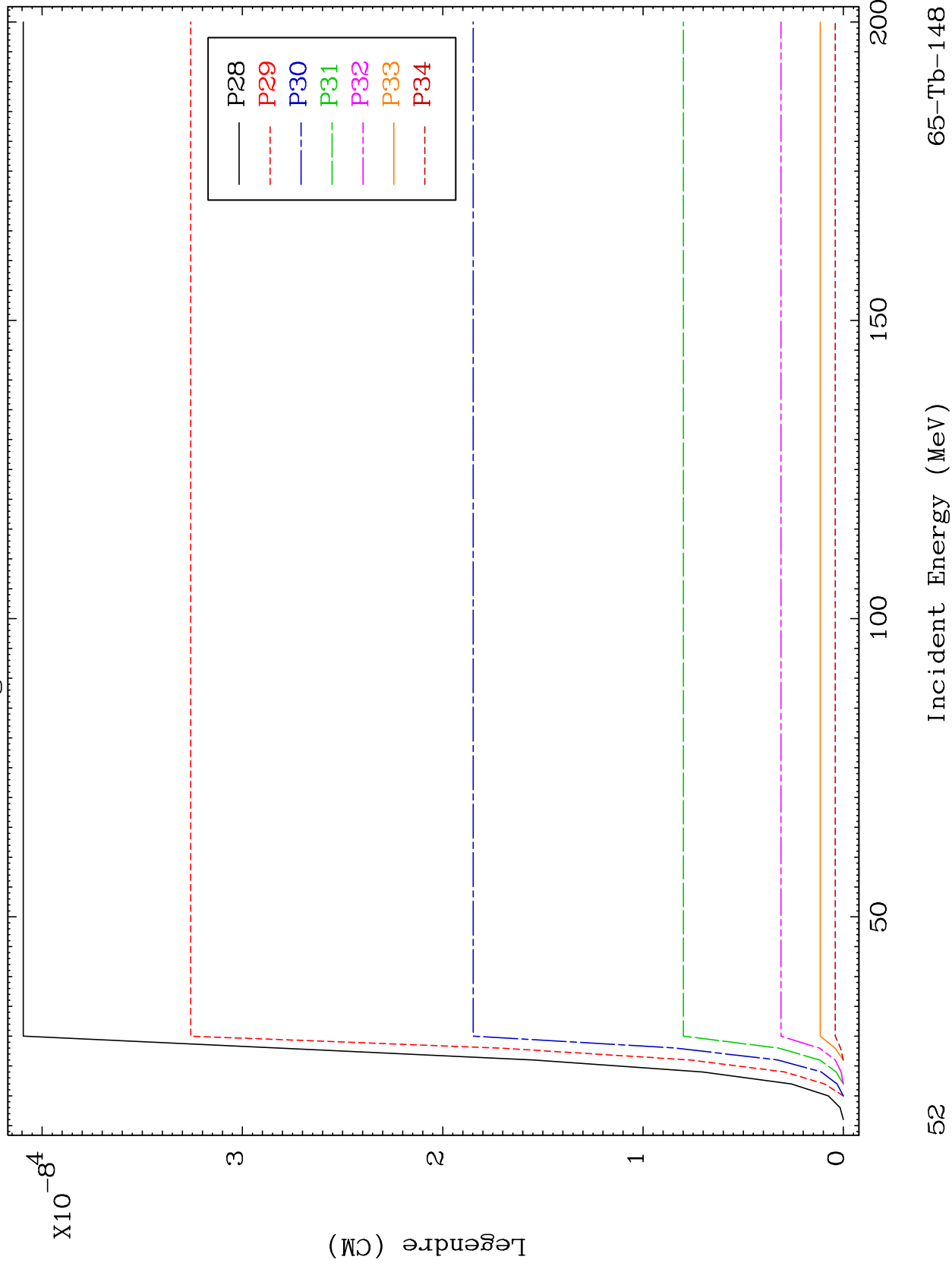
51

65-Tb-148

MAT 6492

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

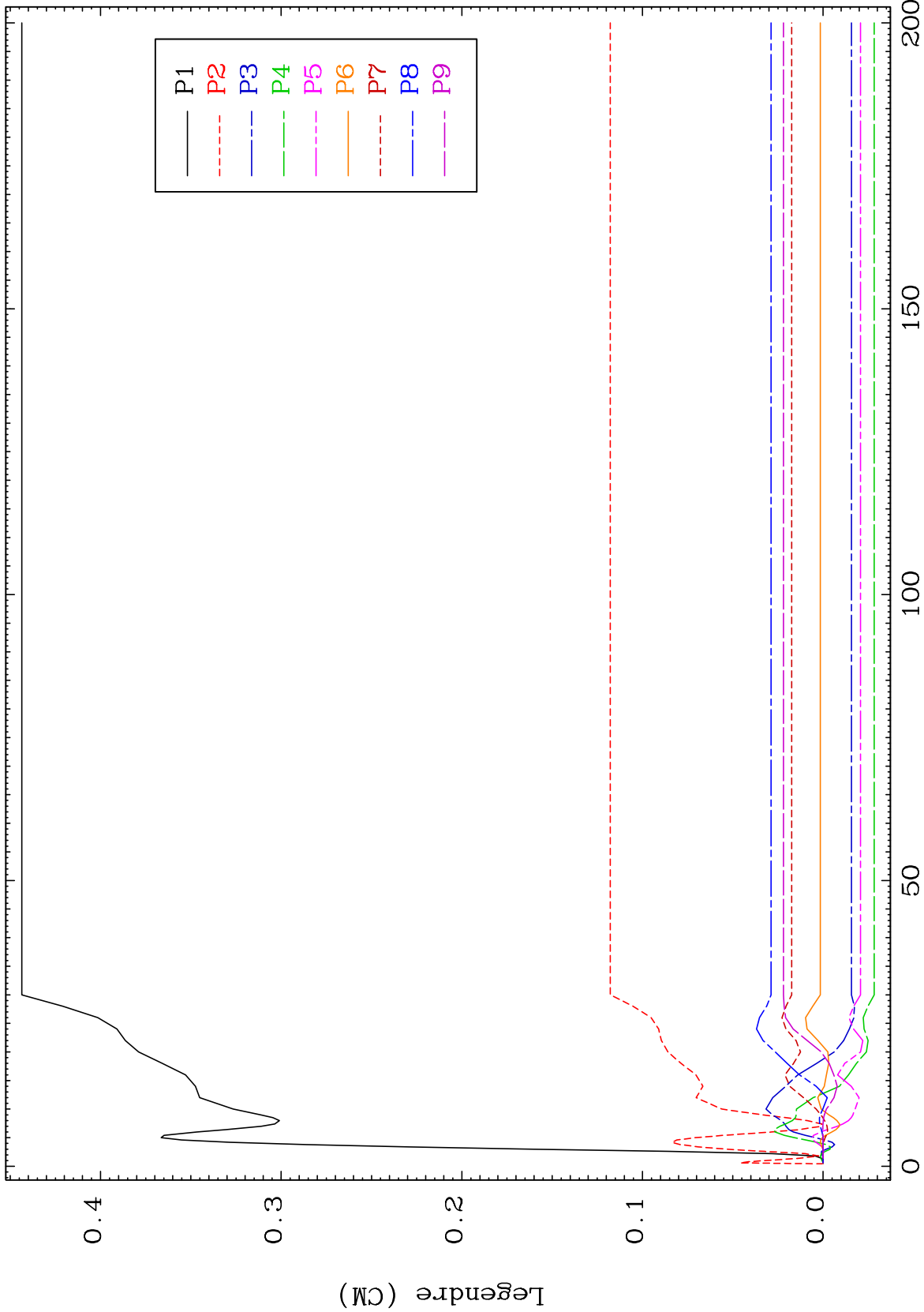
65-Tb-148



MAT 6492

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

65-Tb-148



53

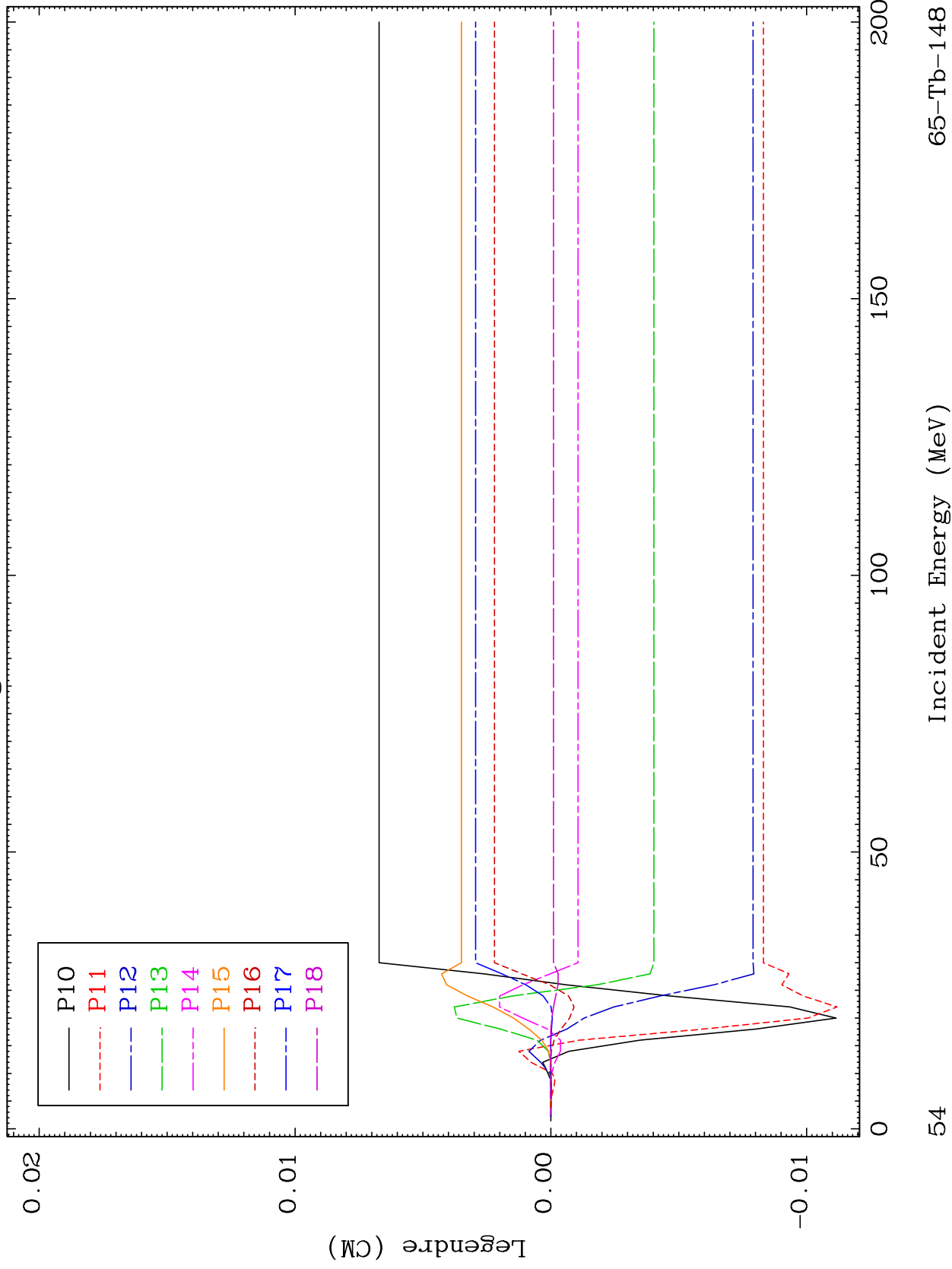
Incident Energy (MeV)

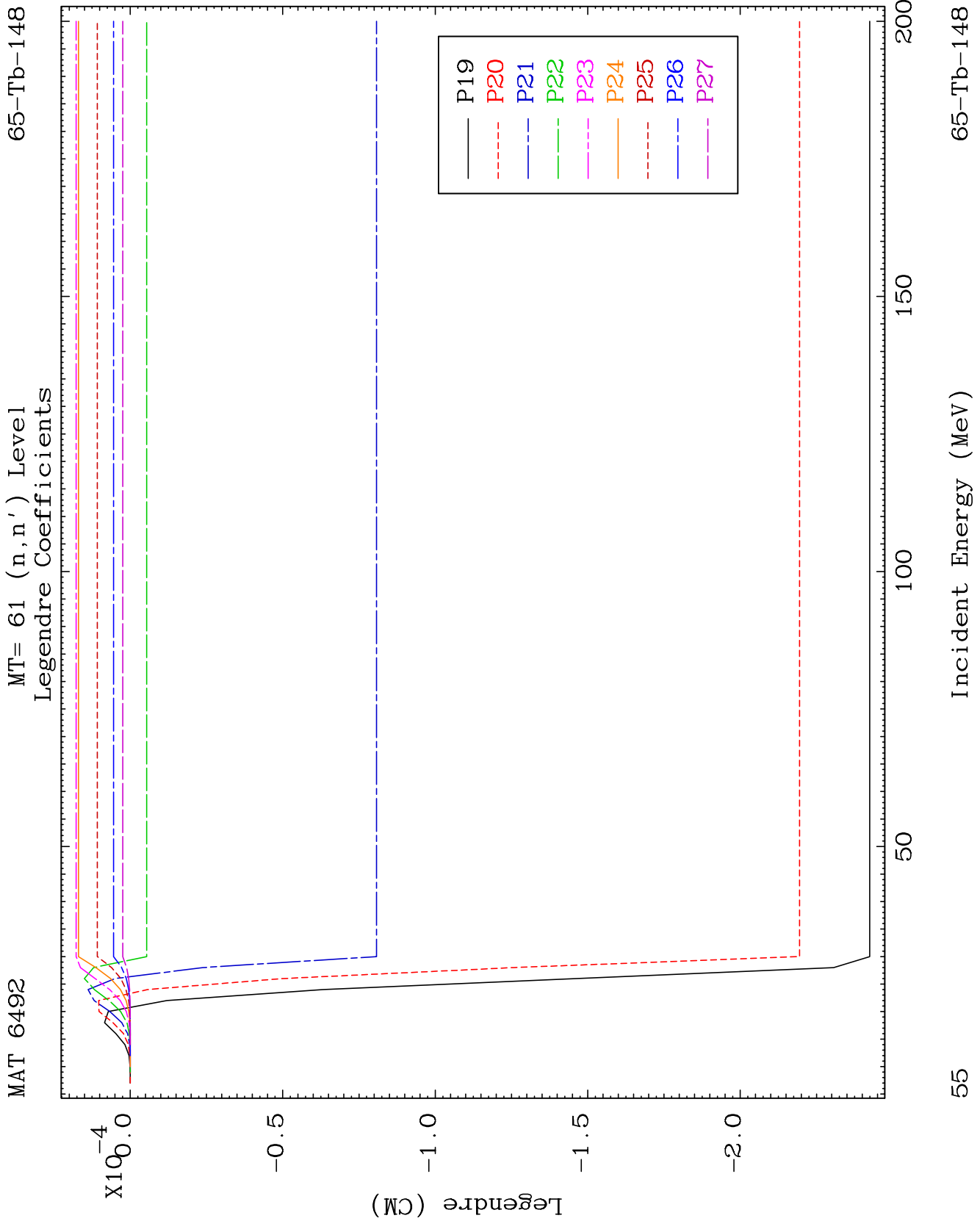
65-Tb-148

MAT 6492

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

65-Tb-148

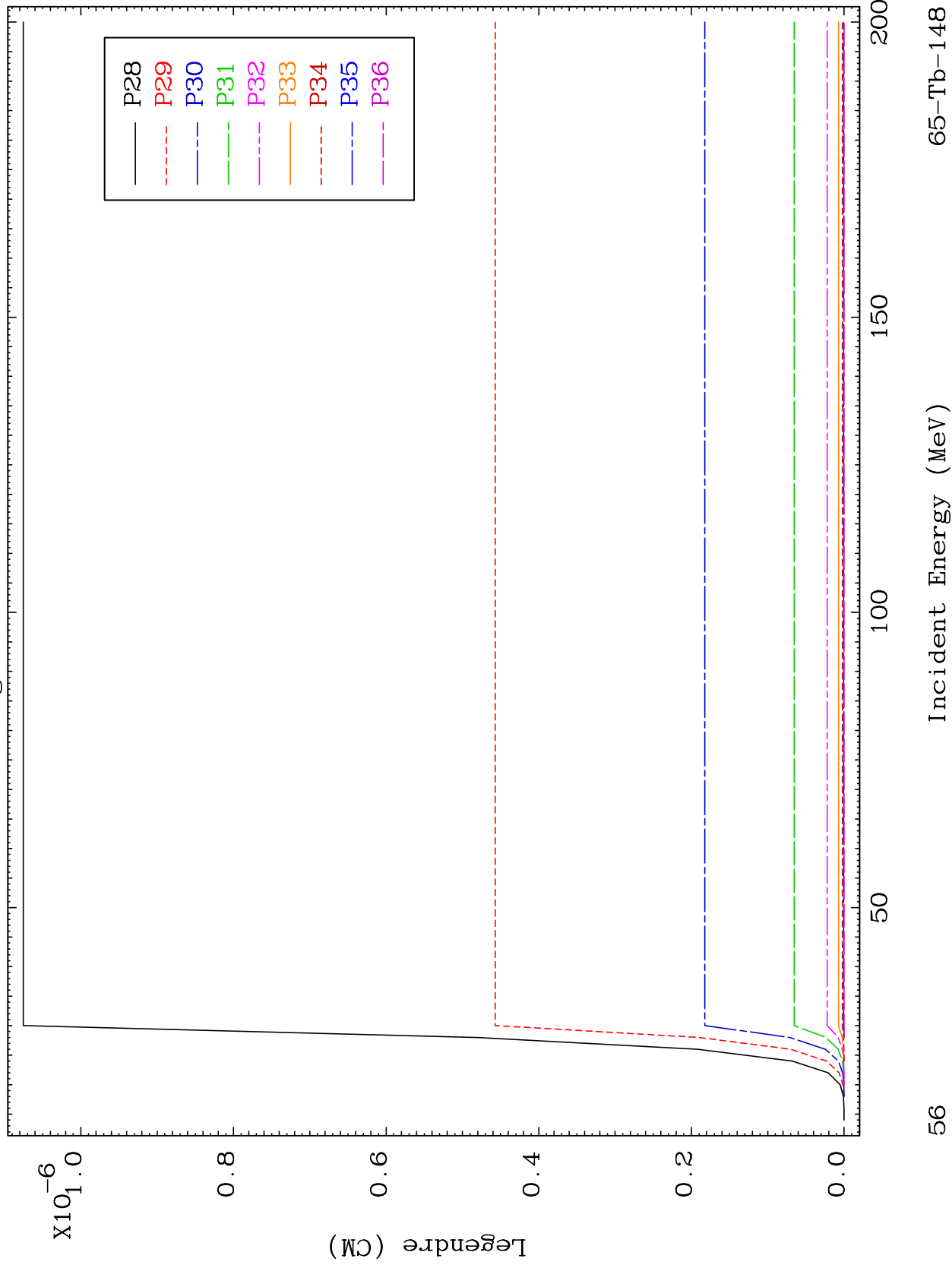




MAT 6492

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

65-Tb-148



56

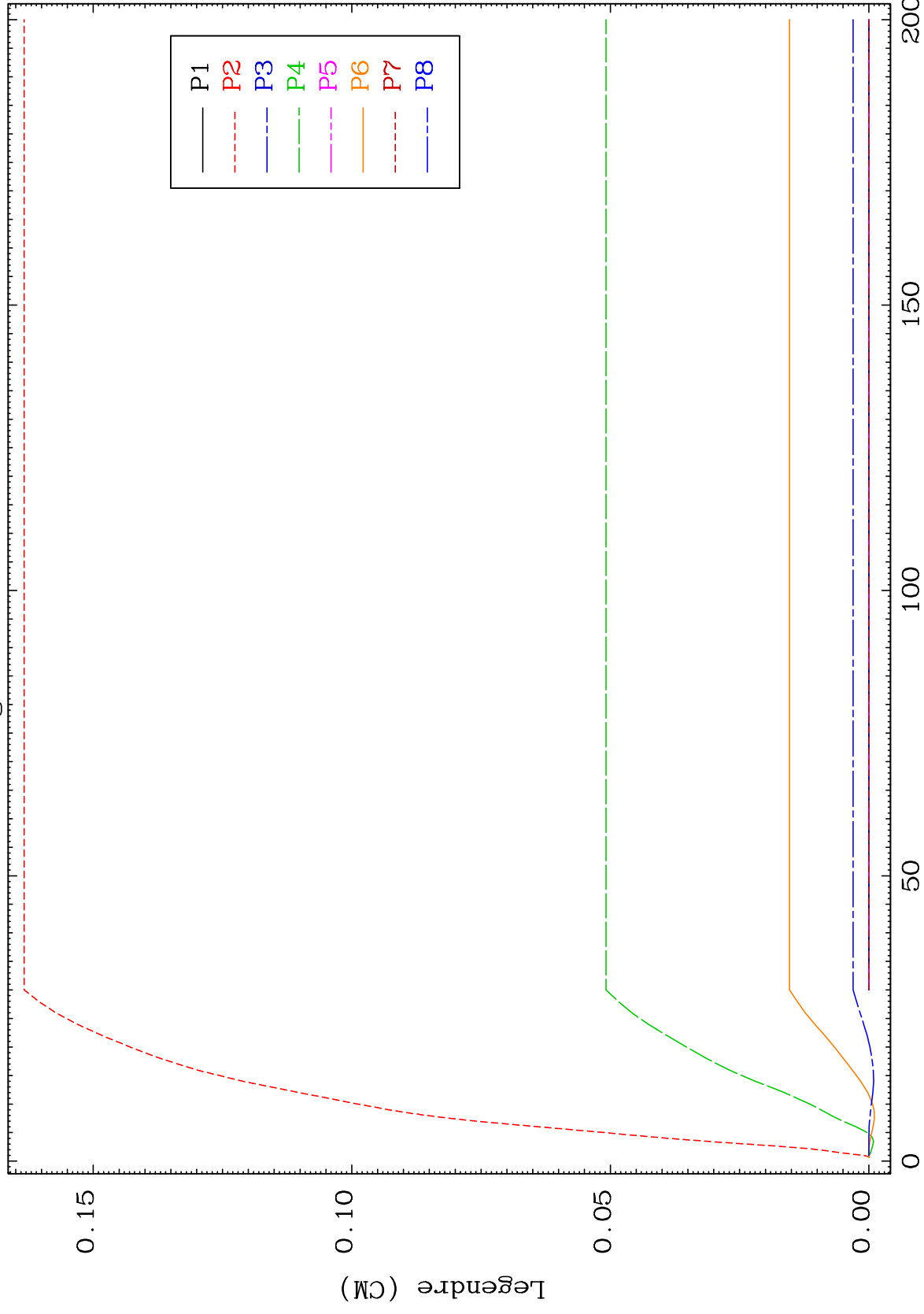
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



57

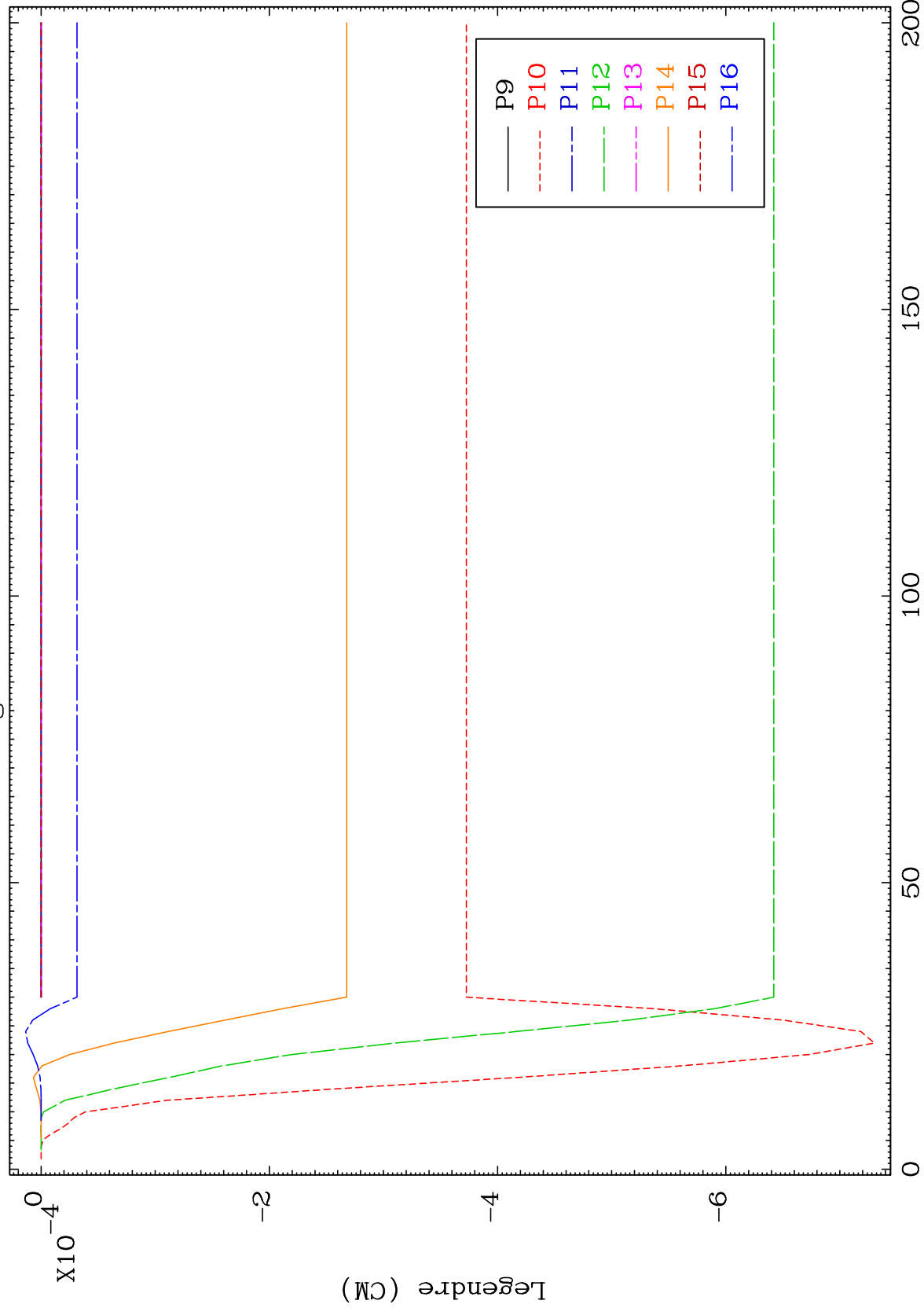
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

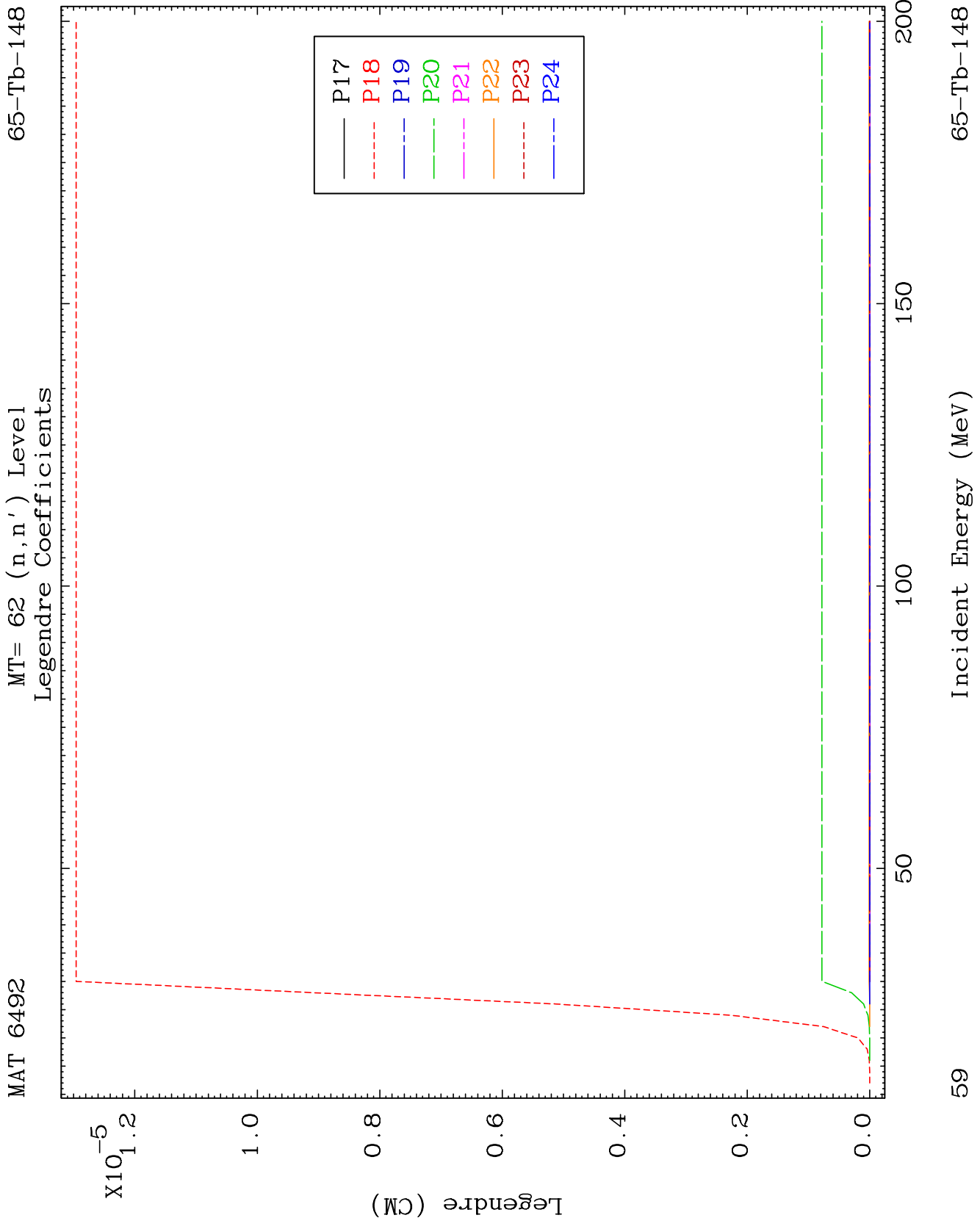
65-Tb-148



58

Incident Energy (MeV)

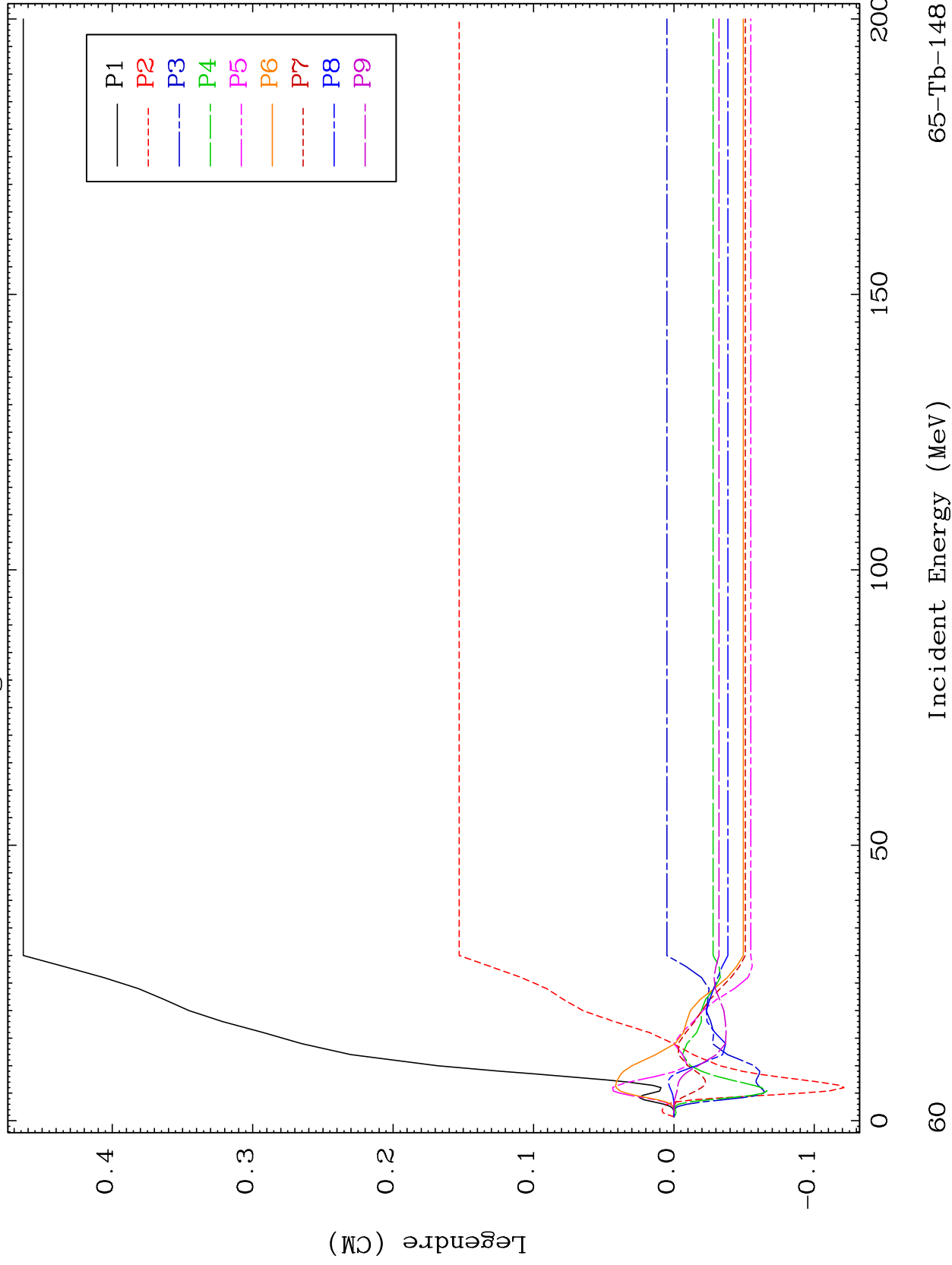
65-Tb-148



MAT 6492

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

65-Tb-148

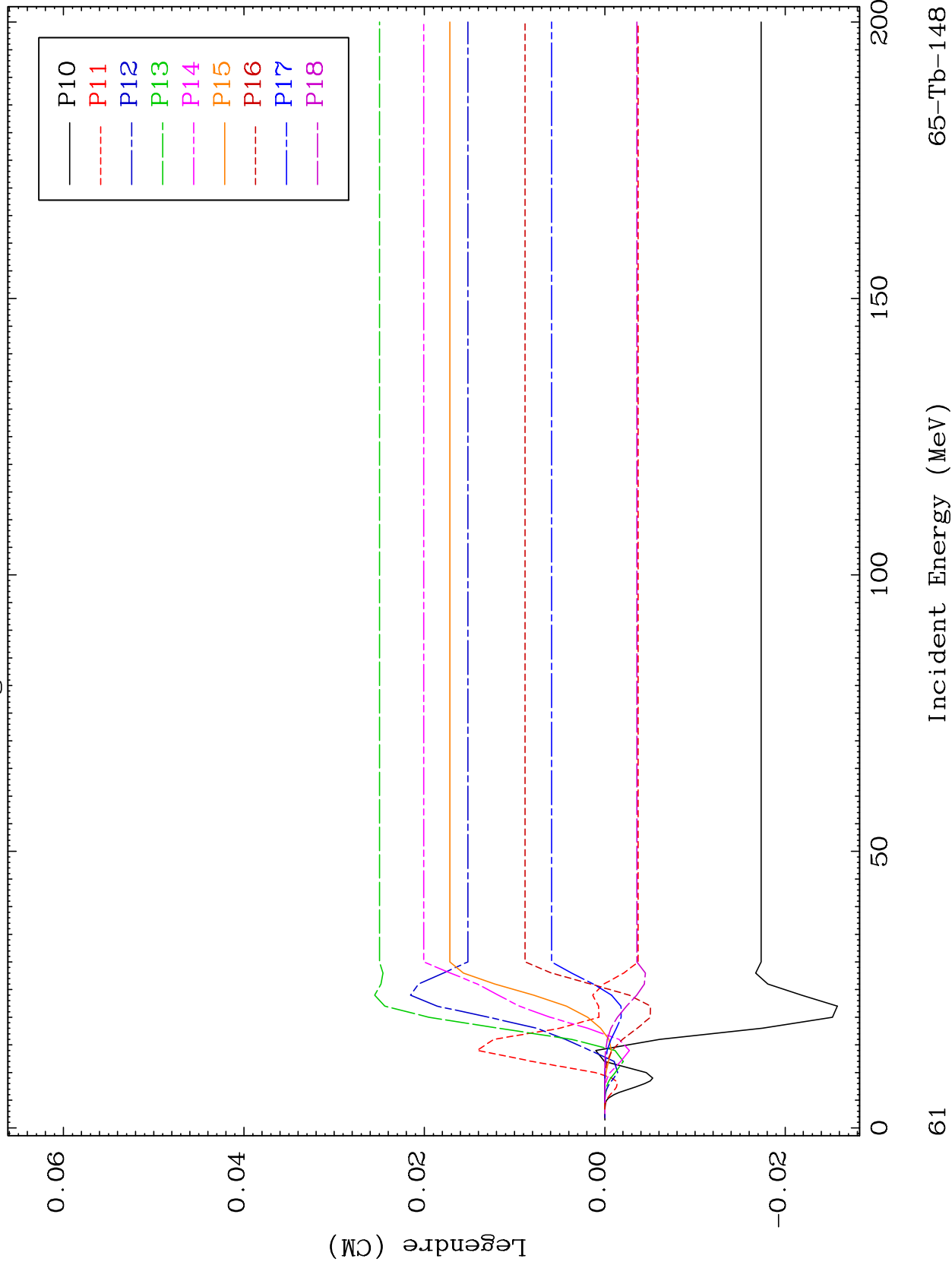


65-Tb-148

MAT 6492

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

65-Tb-148



61

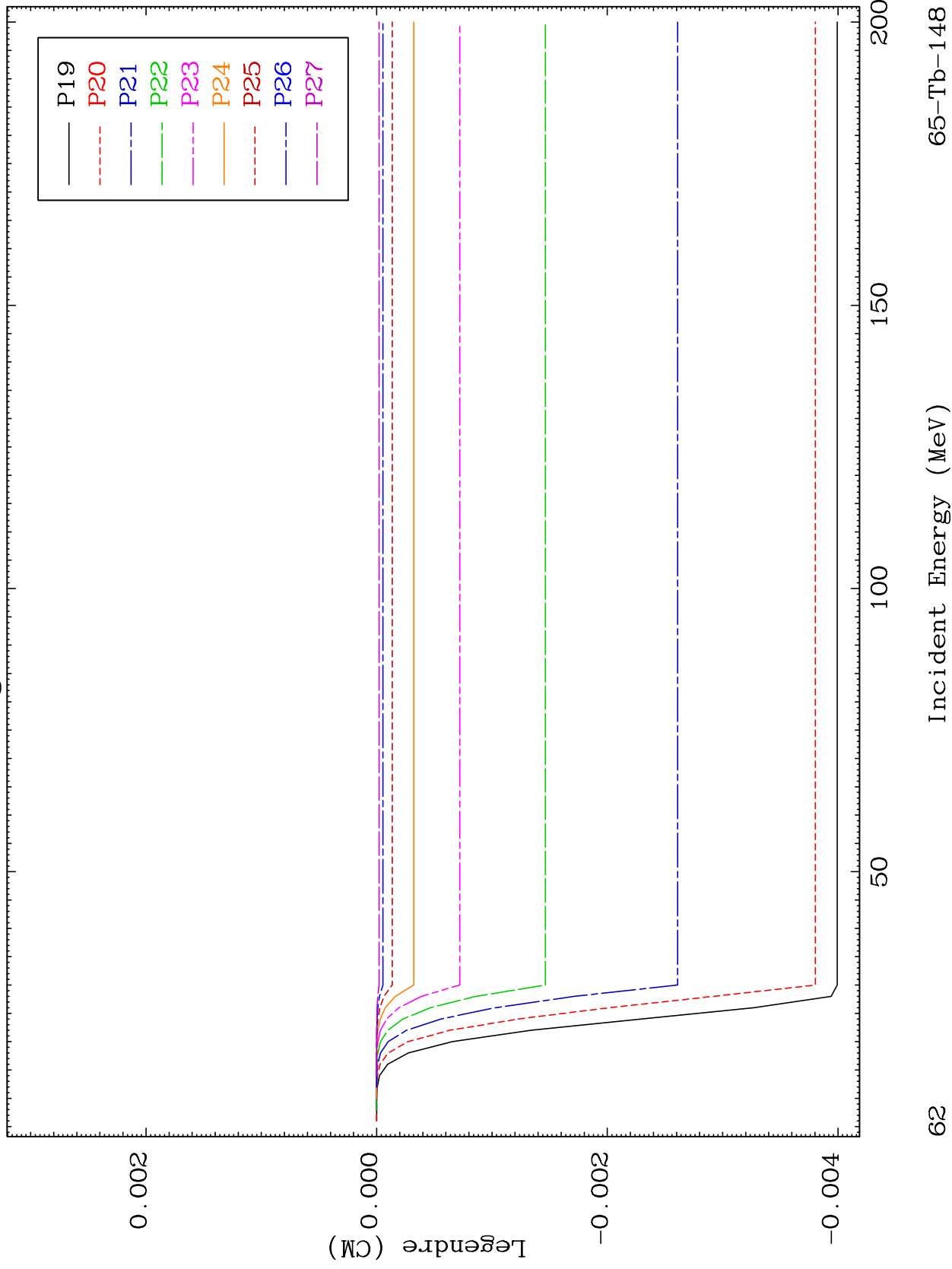
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

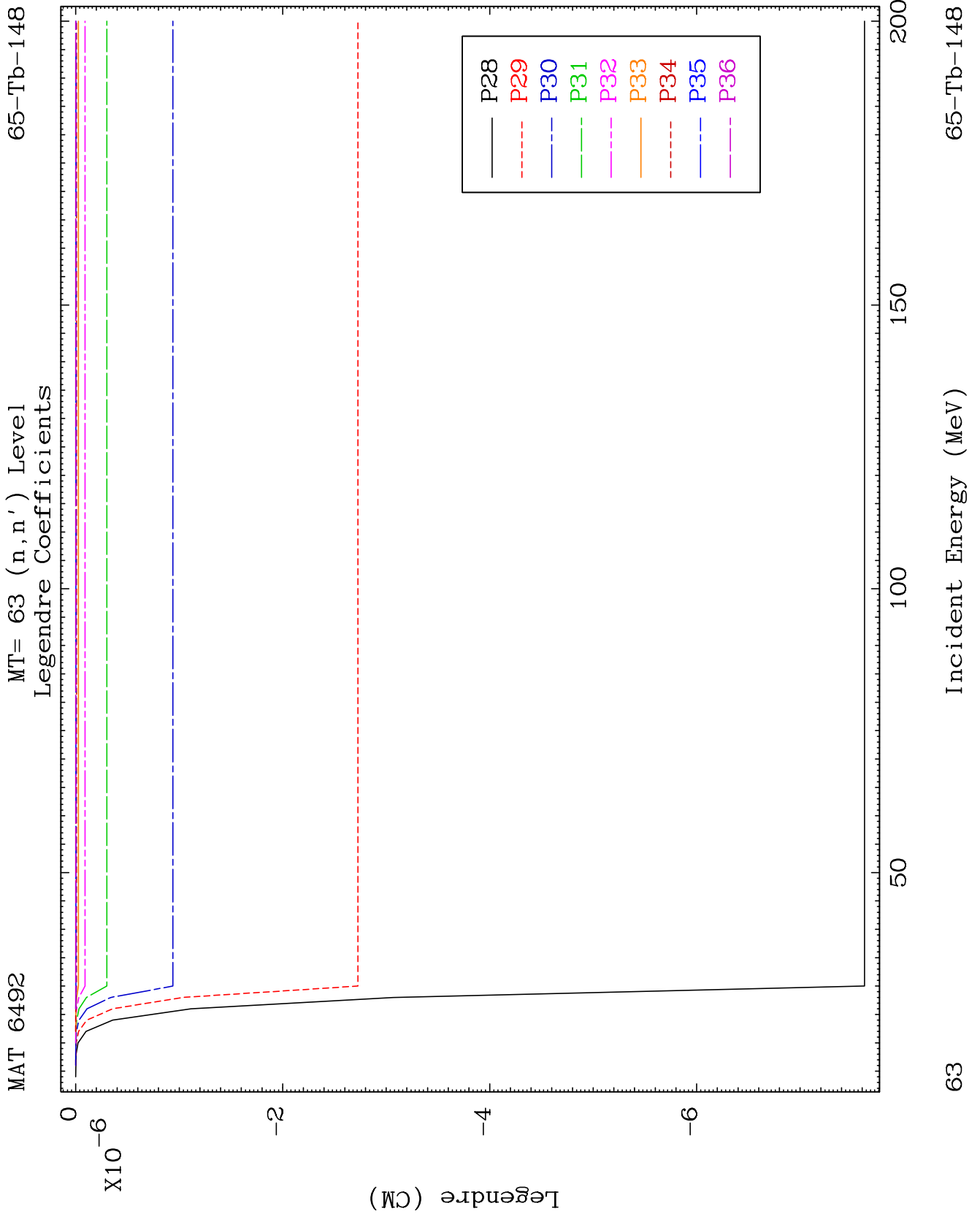
65-Tb-148

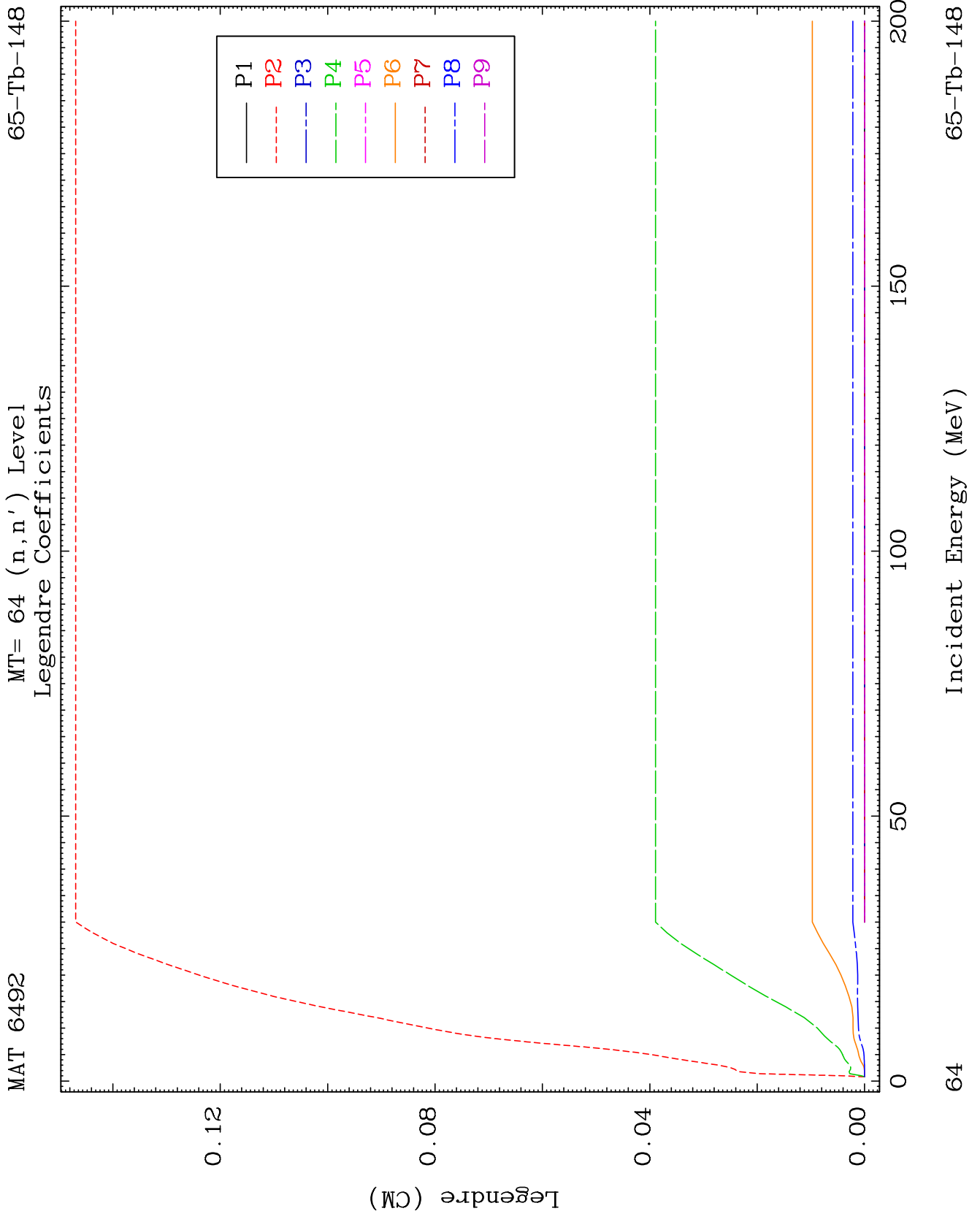


62

Incident Energy (MeV)

65-Tb-148

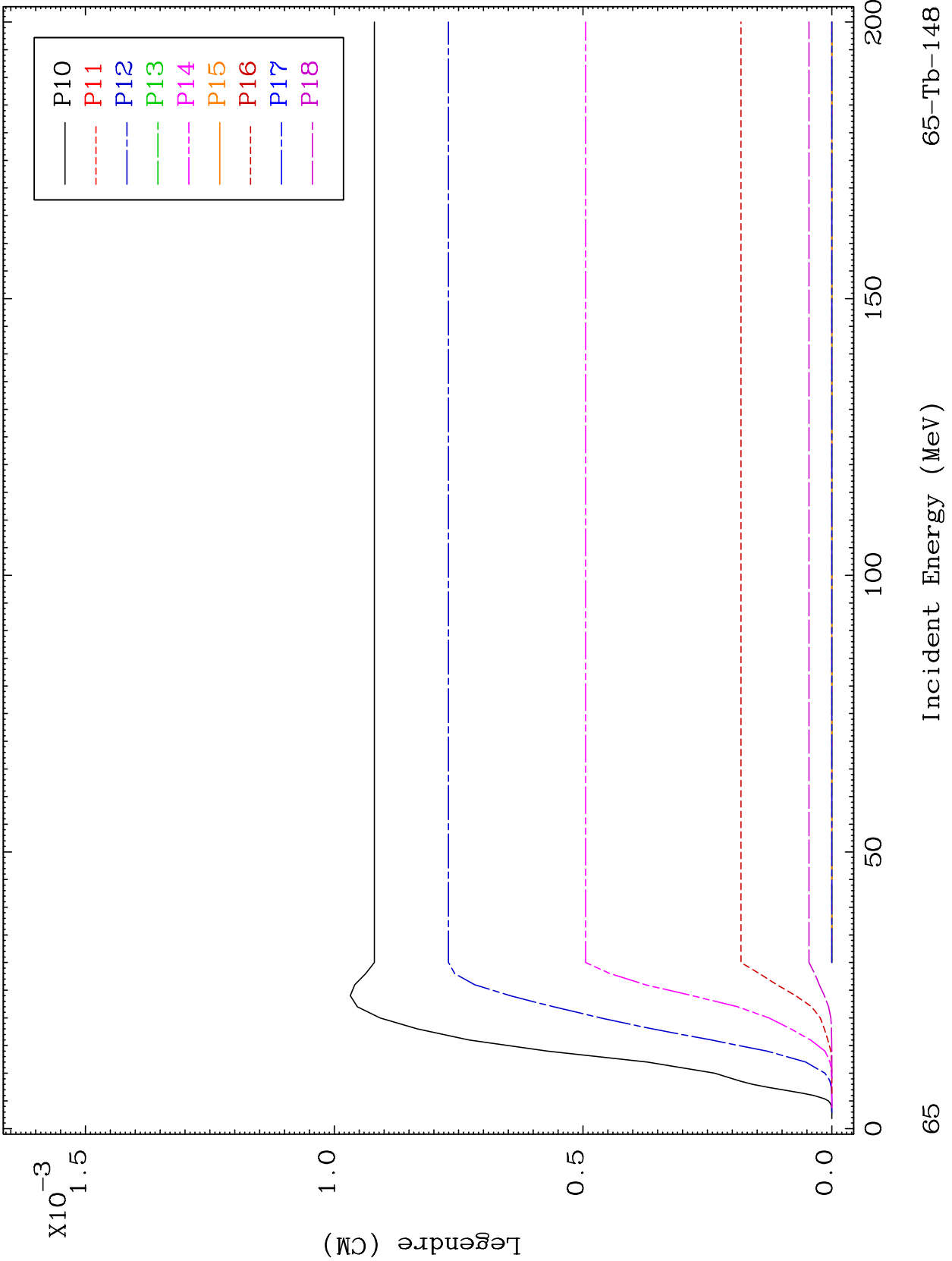


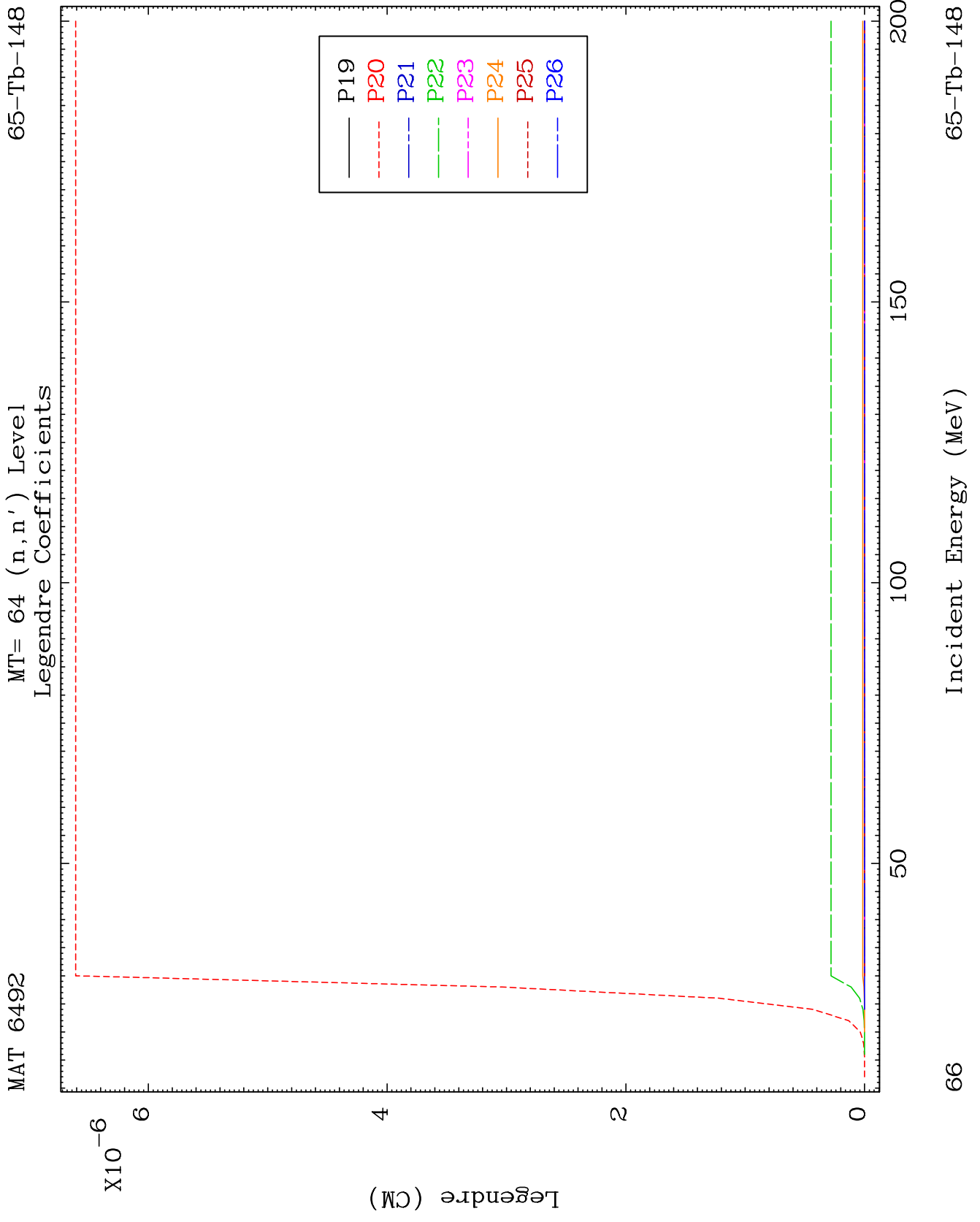


MAT 6492

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

65-Tb-148

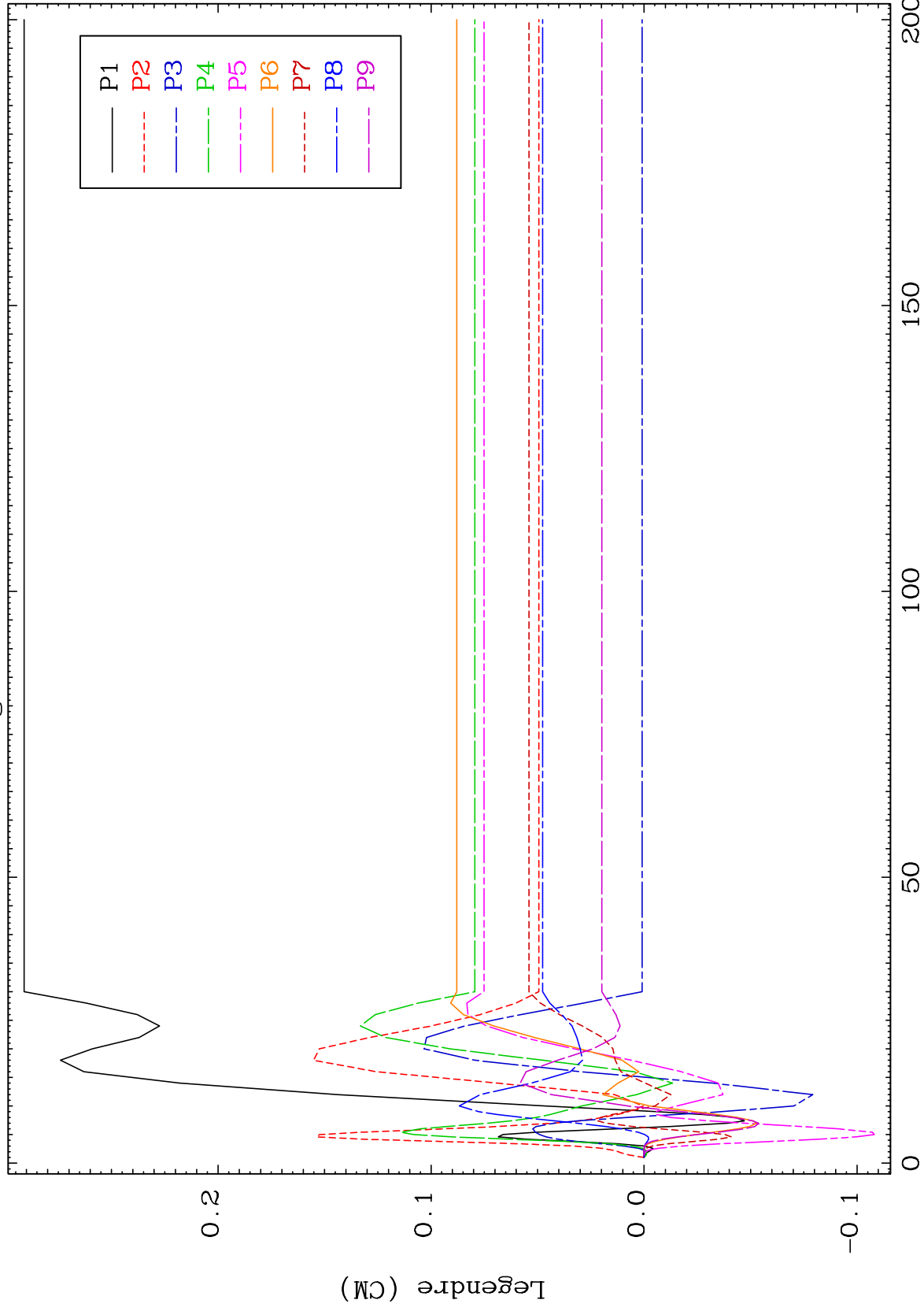




MAT 6492

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

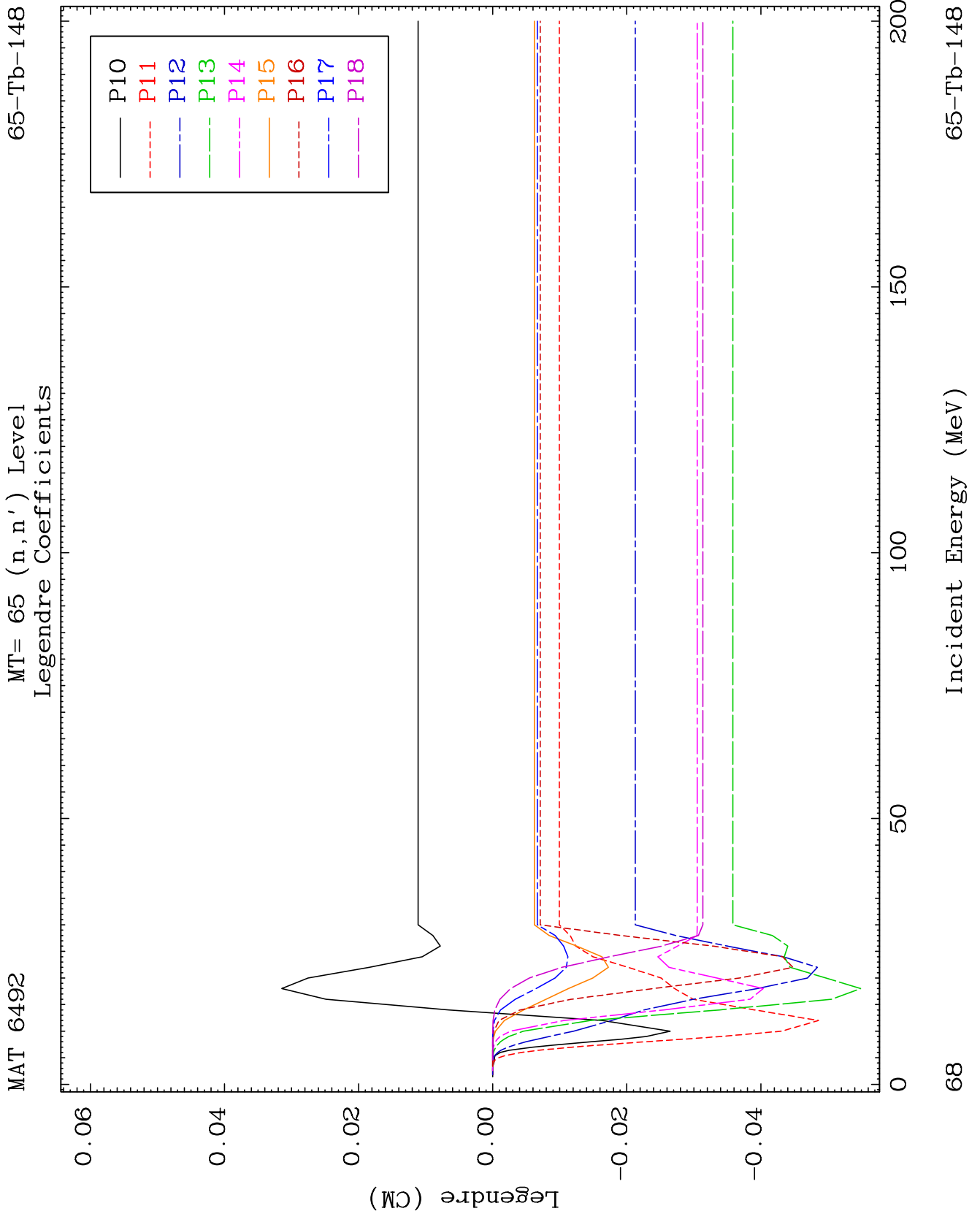
65-Tb-148



67

Incident Energy (MeV)

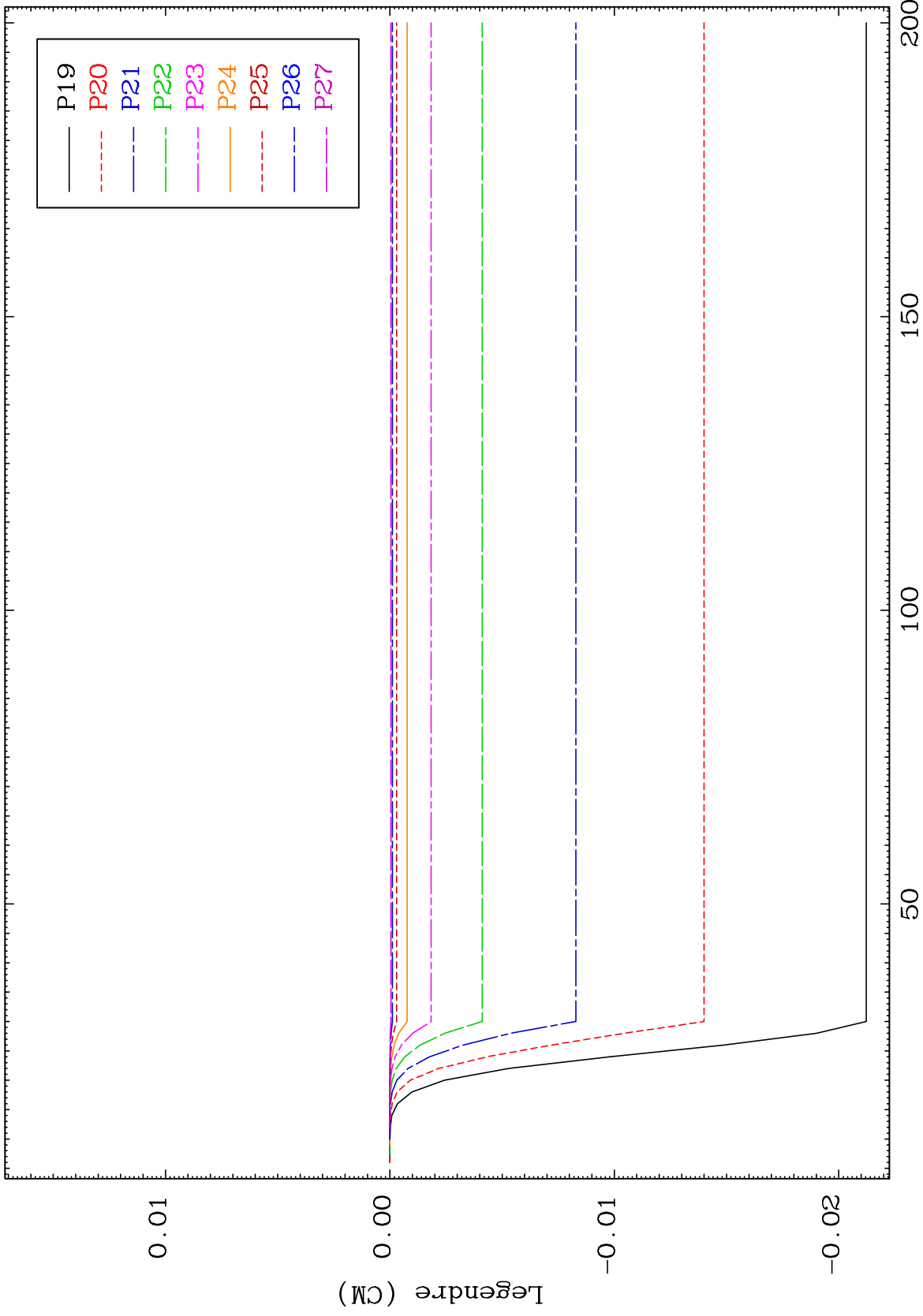
65-Tb-148



MAT 6492

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

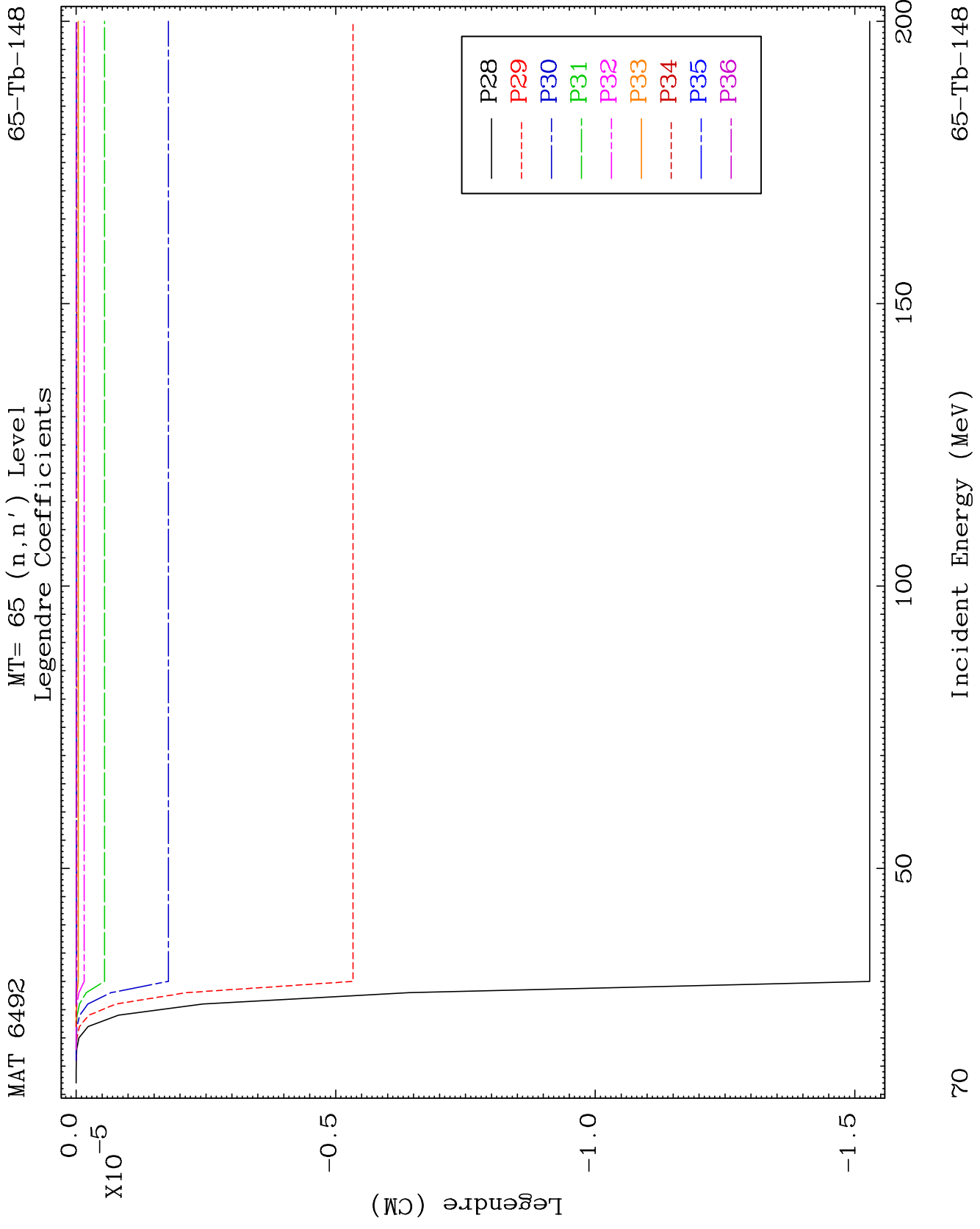
65-Tb-148



69

Incident Energy (MeV)

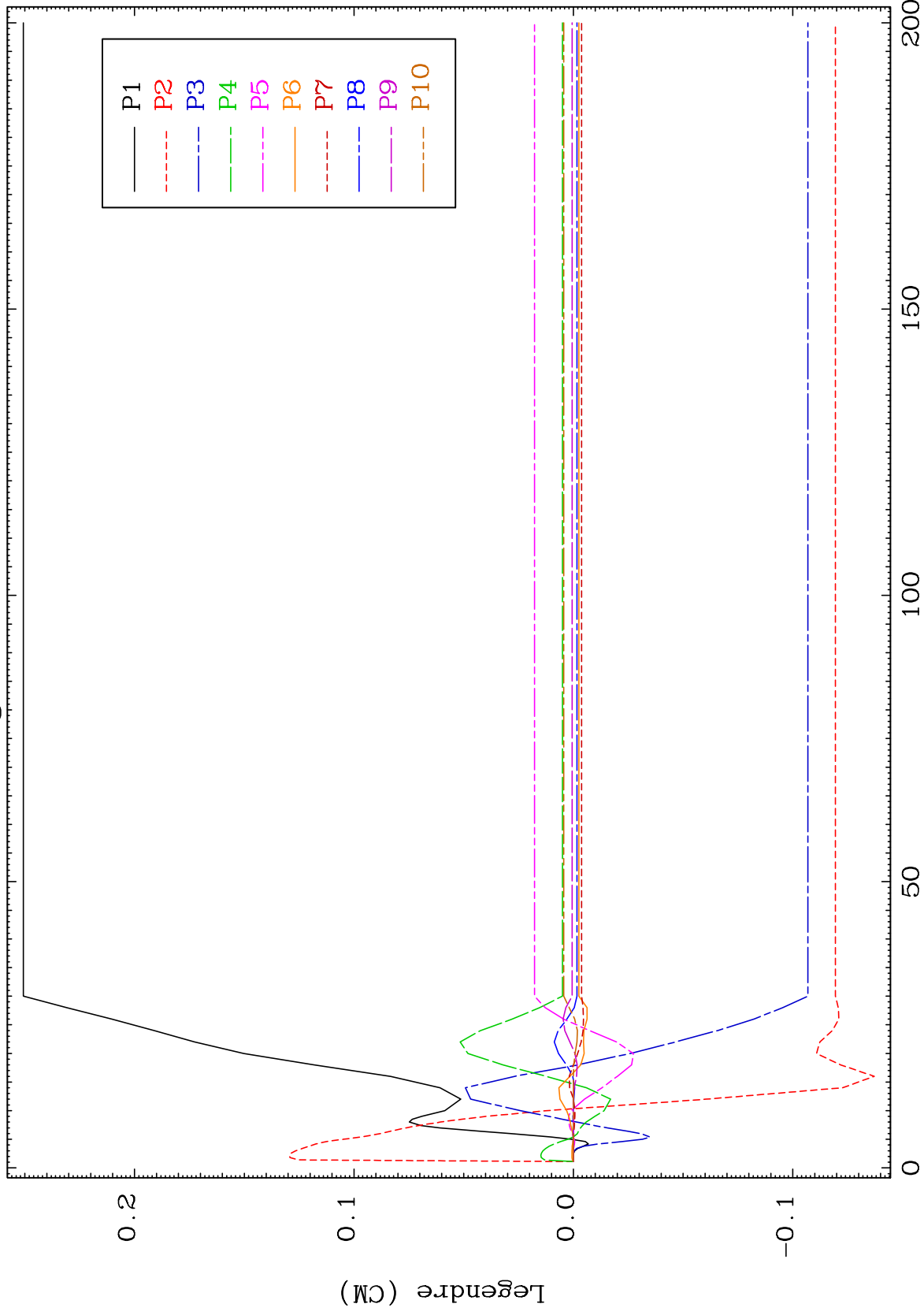
65-Tb-148



MAT 6492

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

65-Tb-148



71

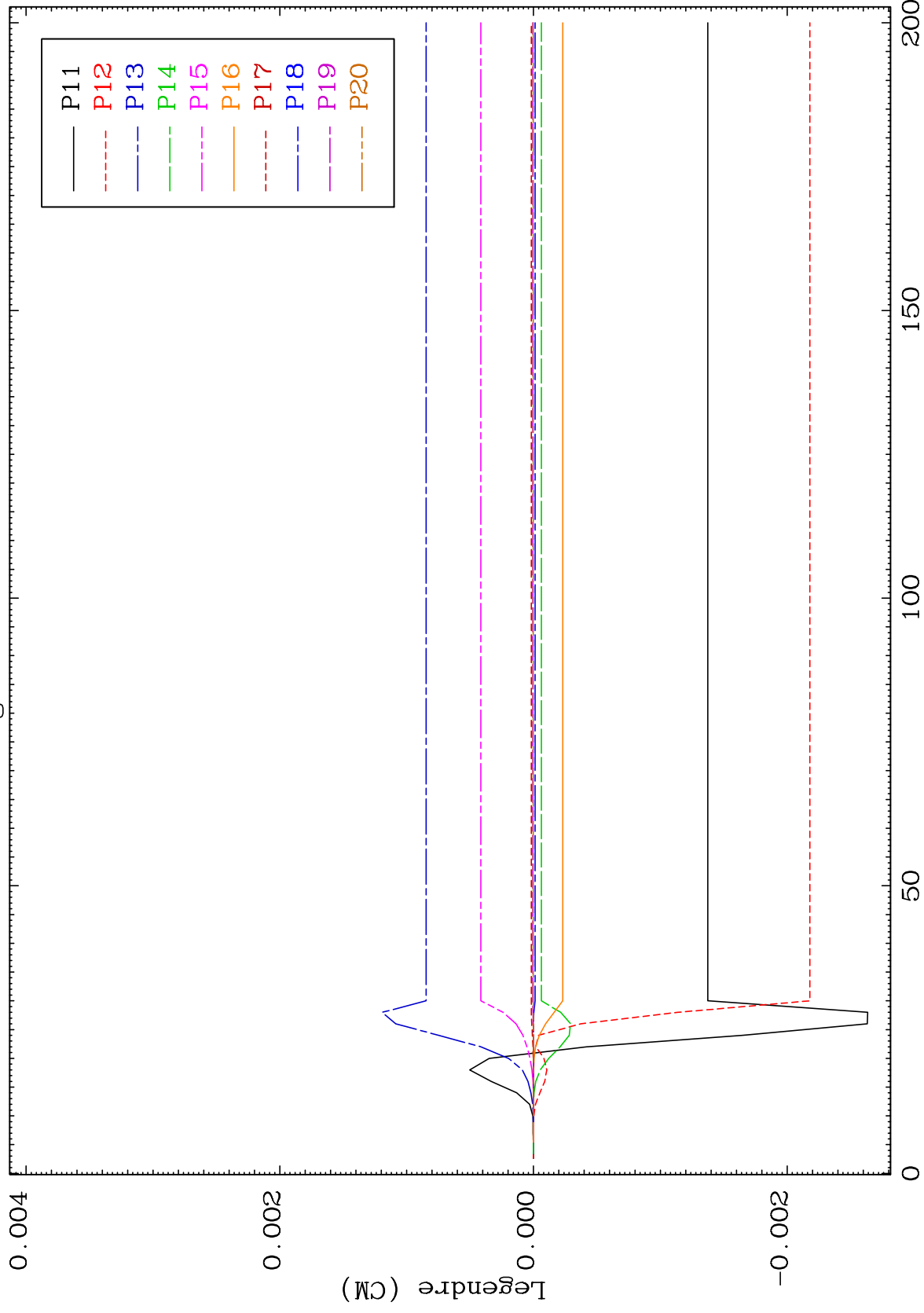
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



72

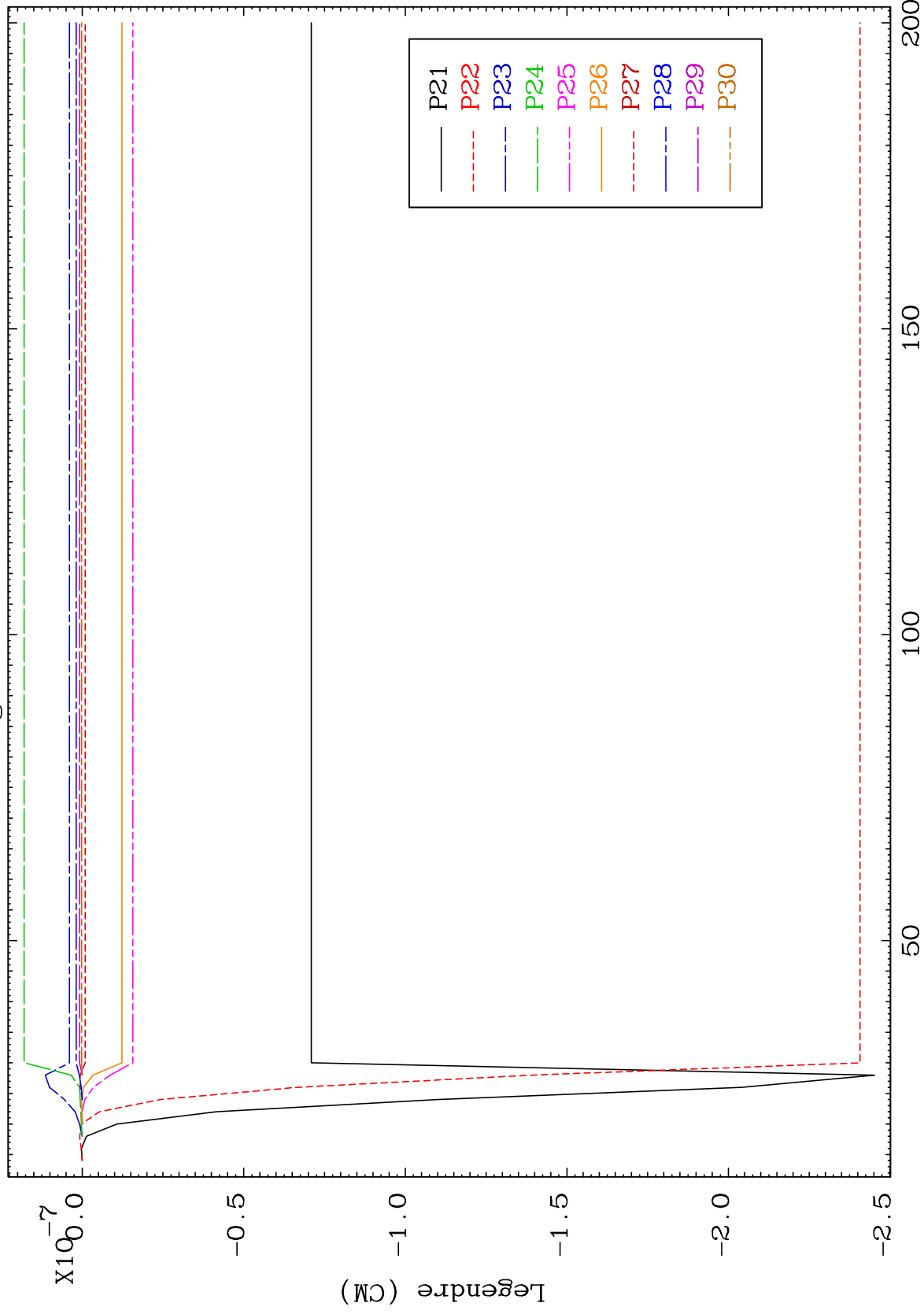
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

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



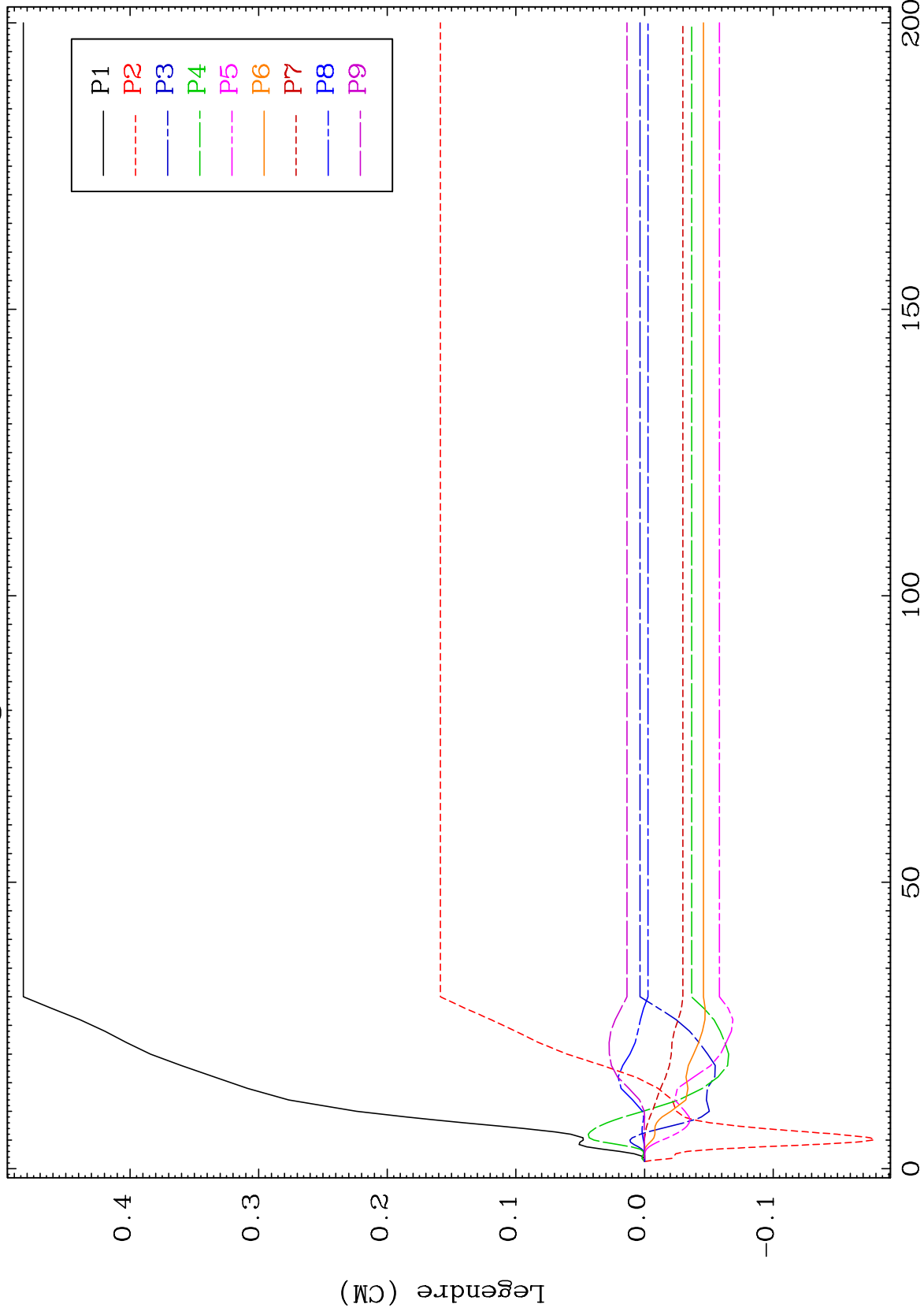
73

65-Tb-148

MAT 6492

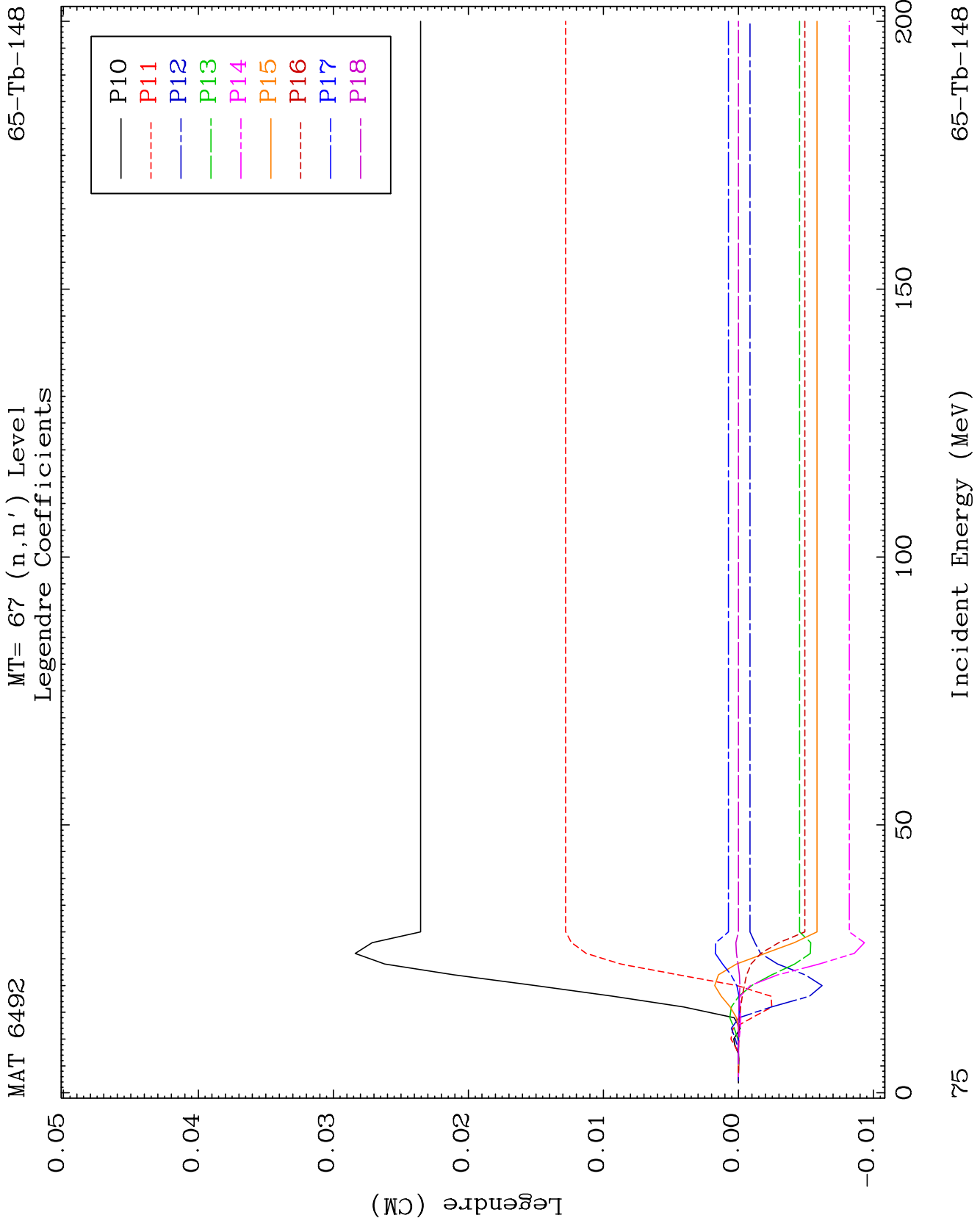
MT= 67 (n,n') Level
Legendre Coefficients

65-Tb-148



74

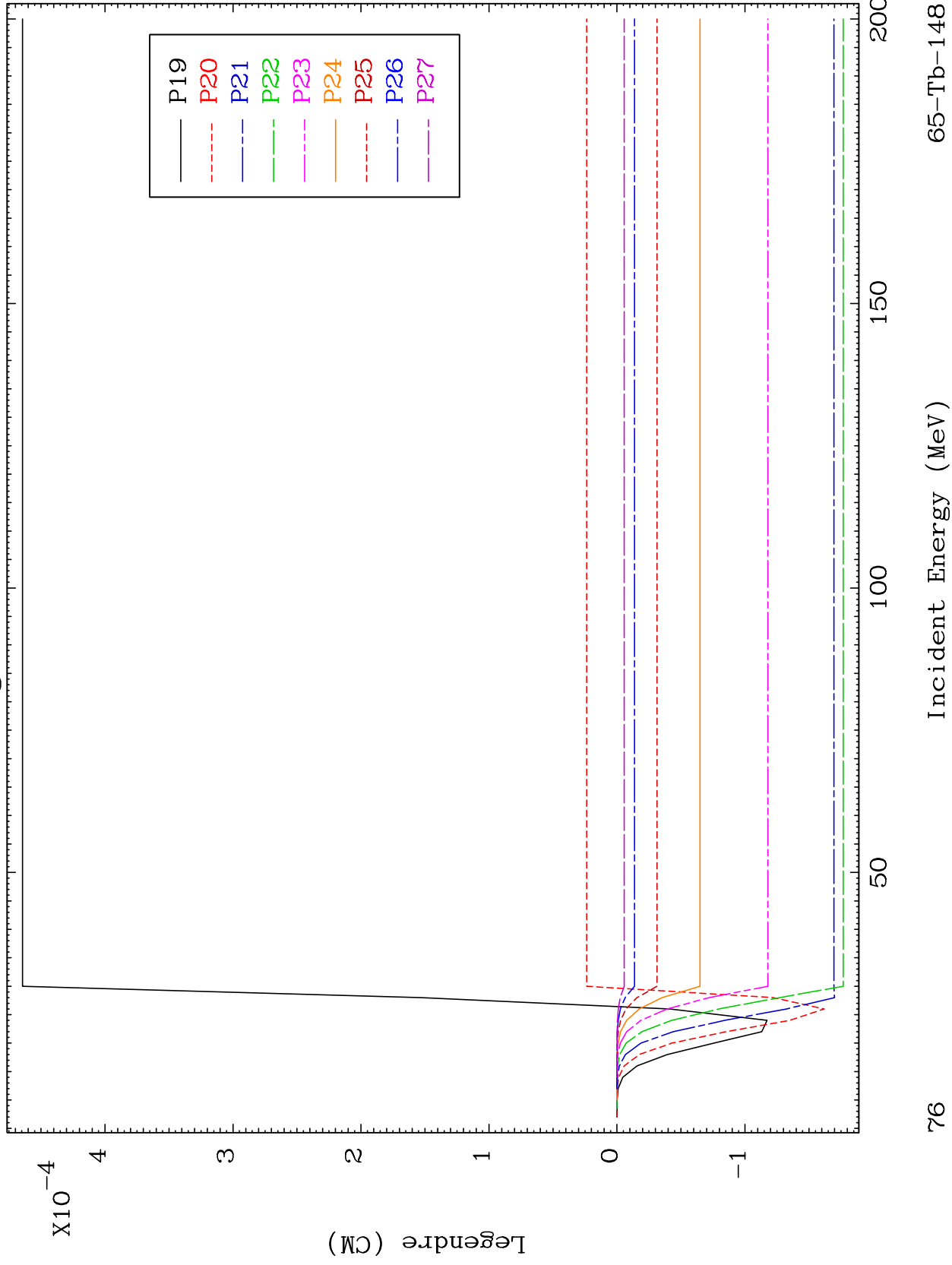
65-Tb-148

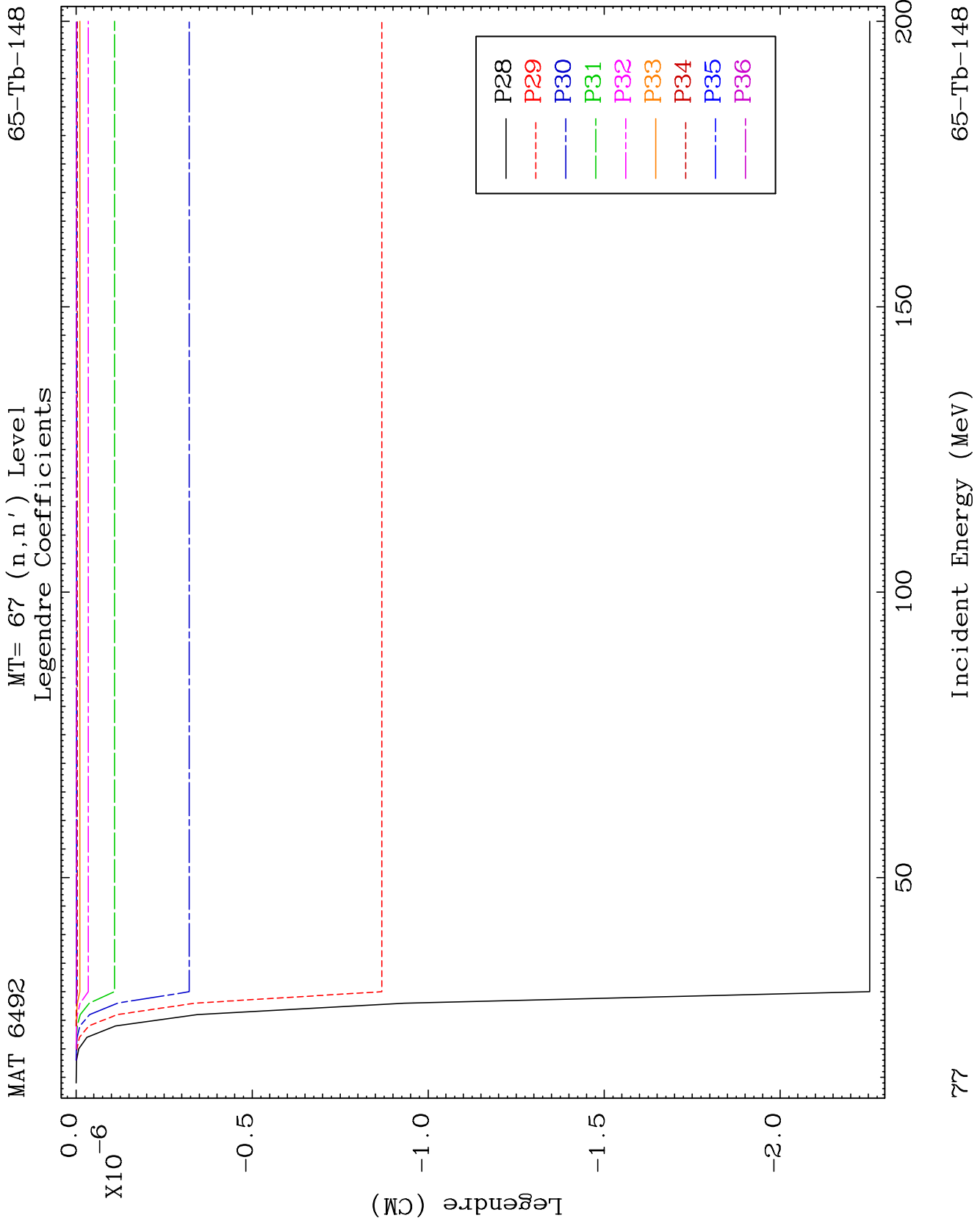


MAT 6492

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

65-Tb-148

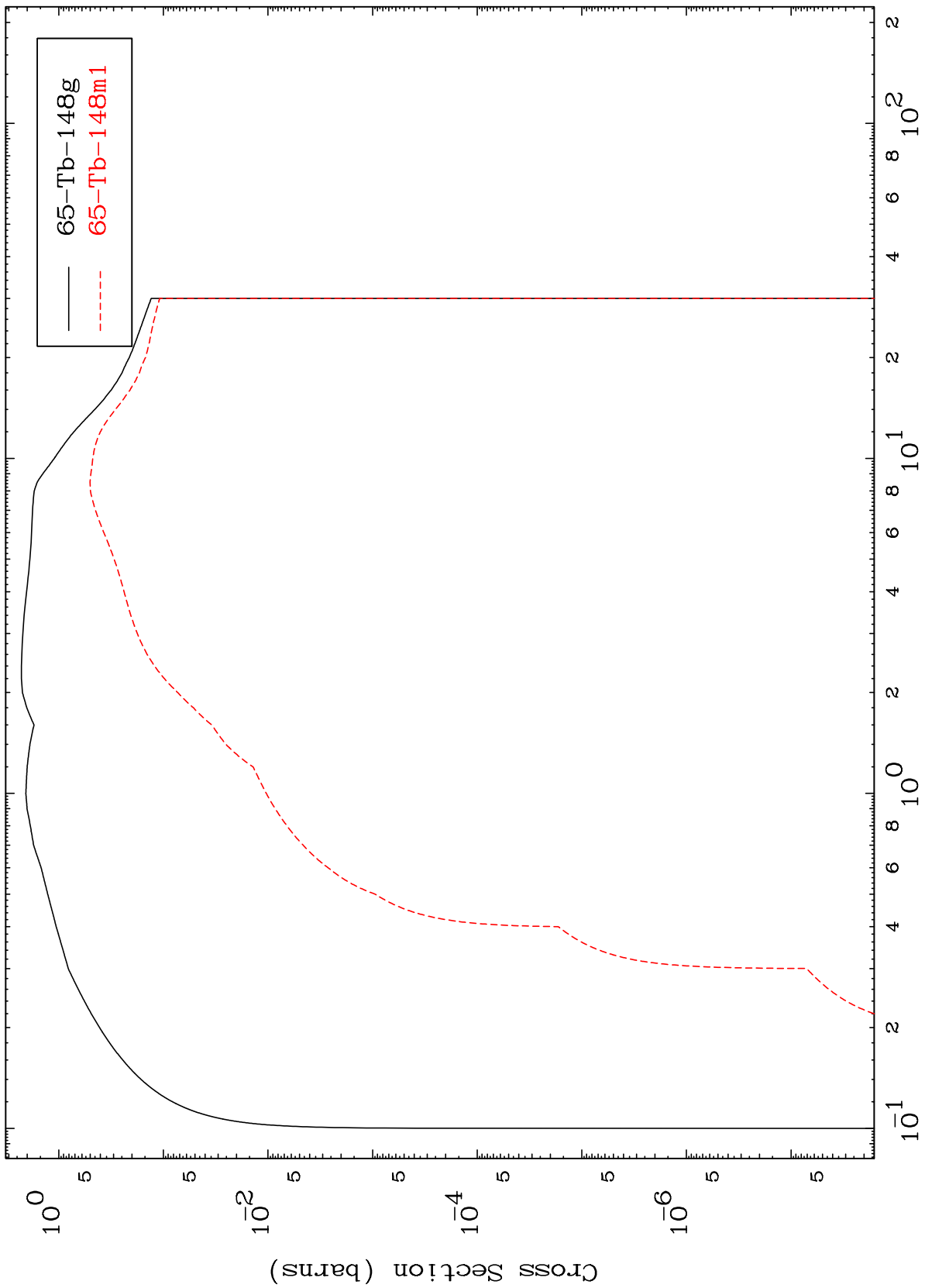




MAT 6492

65-Tb-148

Inelastic Radionuclide Production Cross Section



65-Tb-148

Incident Energy (MeV)

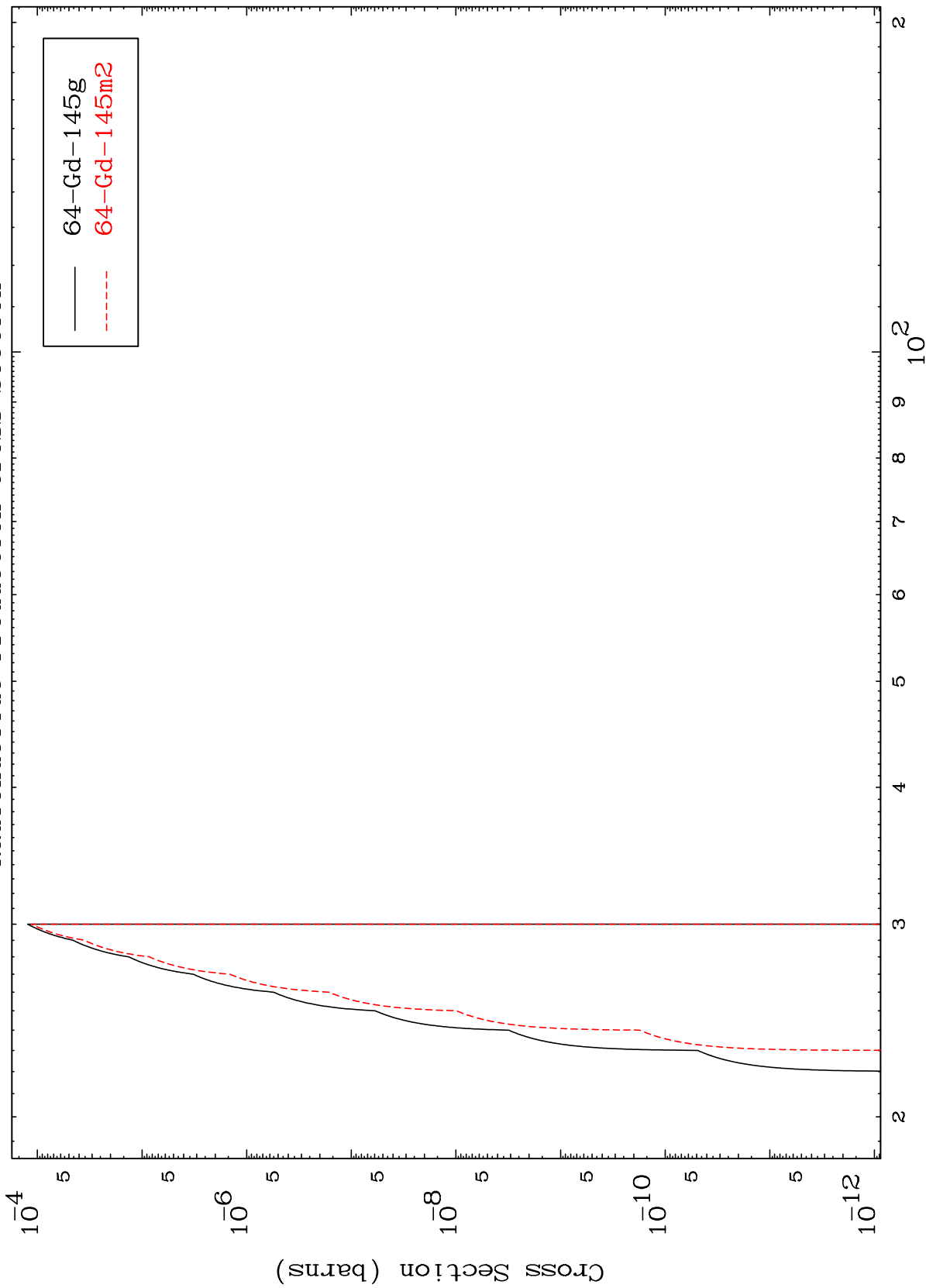
78

MAT 6492

(n,2n) d

65-Tb-148

Radionuclide Production Cross Section



79

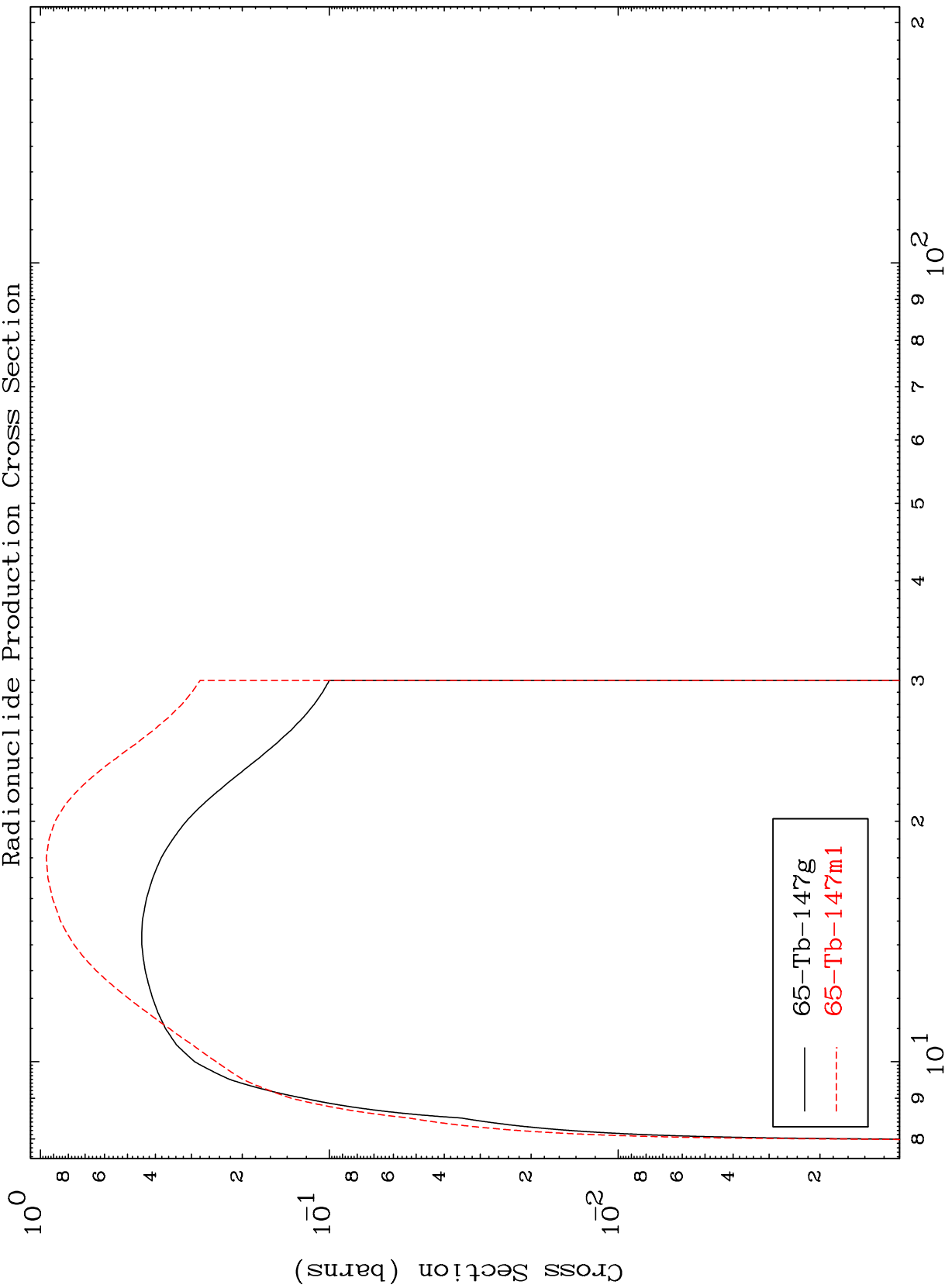
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

(n,2n)
Radionuclide Production Cross Section



80

Incident Energy (MeV)

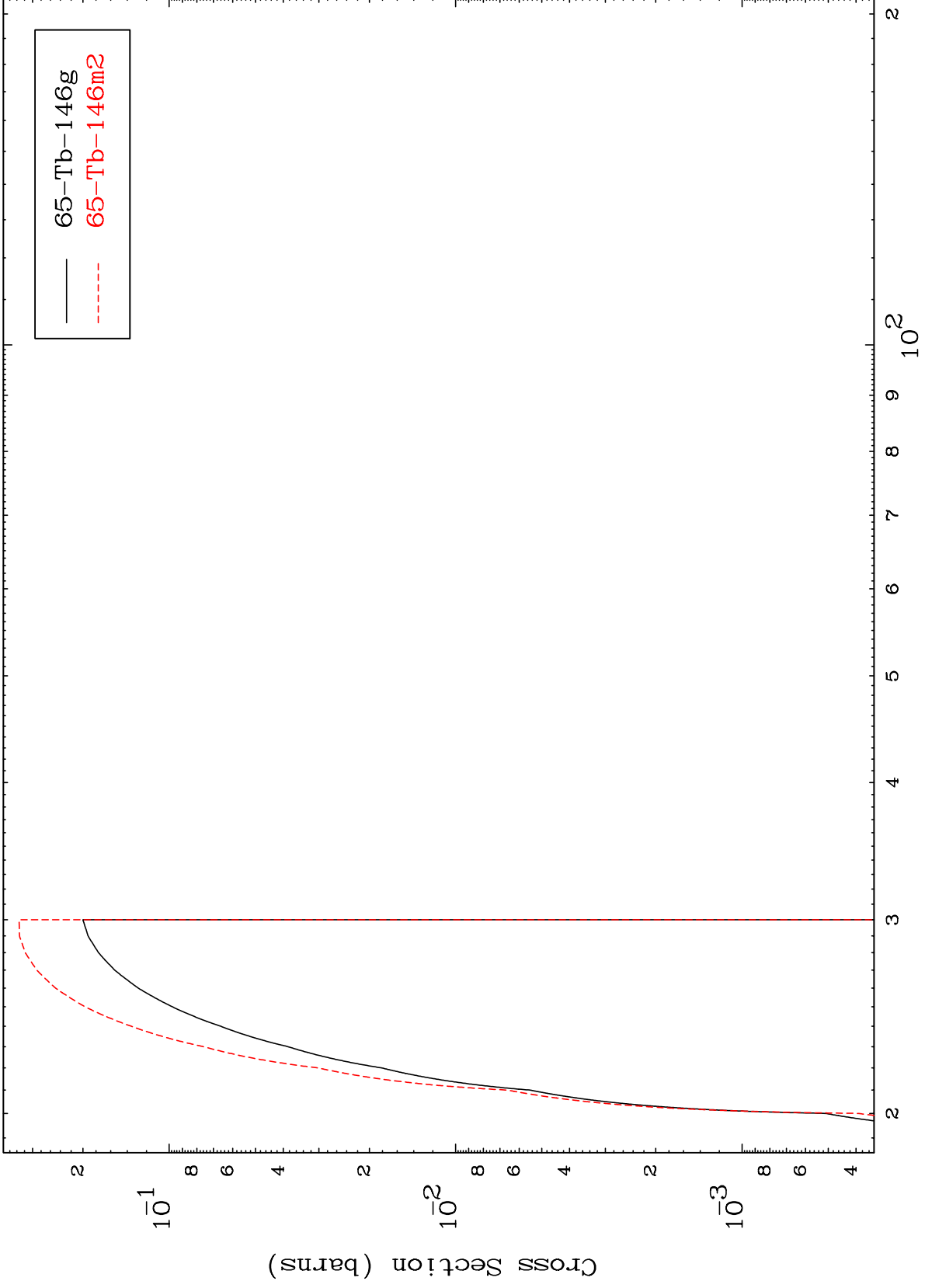
65-Tb-148

MAT 6492

(n,3n)

65-Tb-148

Radionuclide Production Cross Section



81

Incident Energy (MeV)

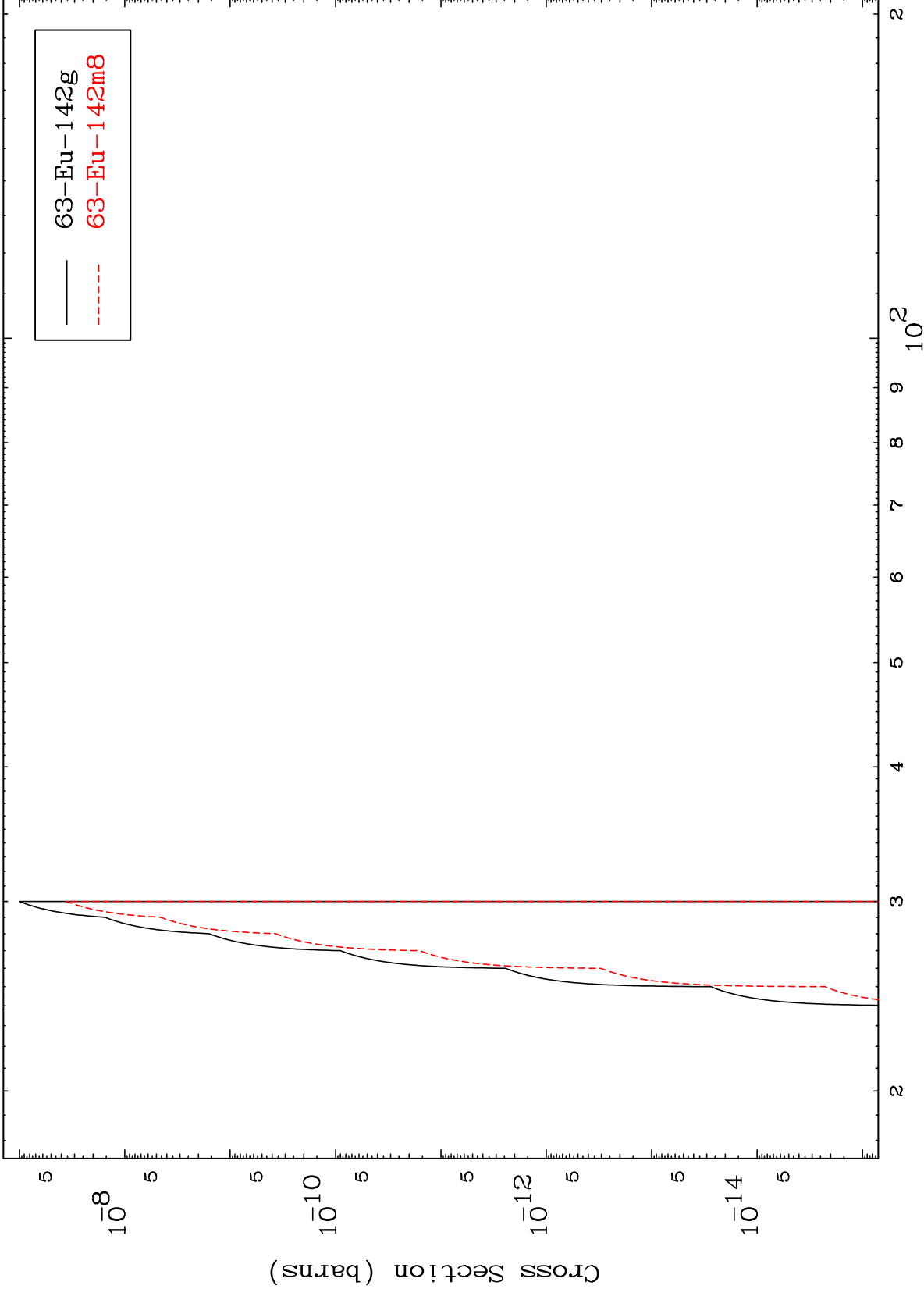
65-Tb-148

MAT 6492

(n,3n) α

65-Tb-148

Radionuclide Production Cross Section



82

Incident Energy (MeV)

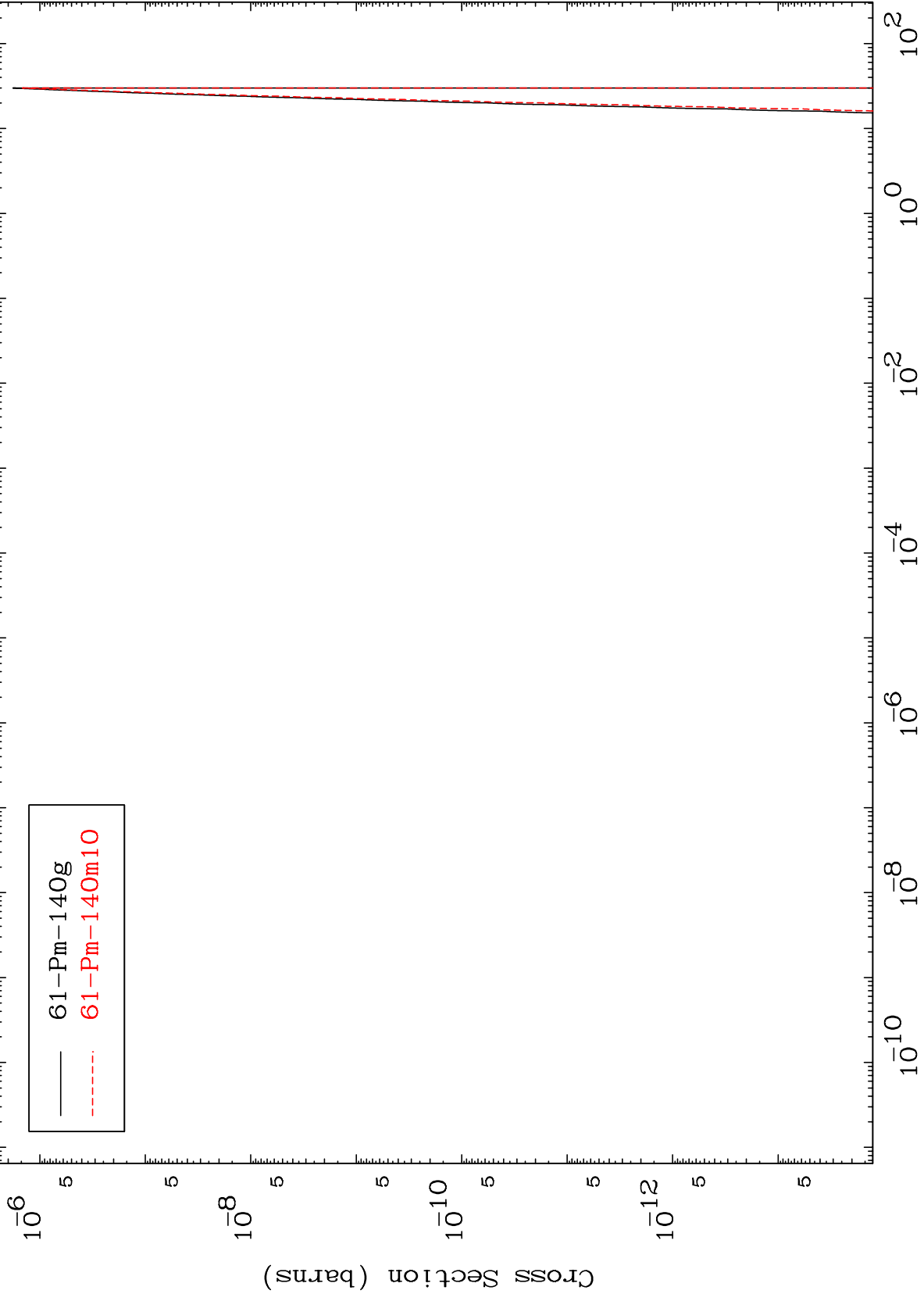
65-Tb-148

MAT 6492

(n,n') 2 α

65-Tb-148

Radionuclide Production Cross Section

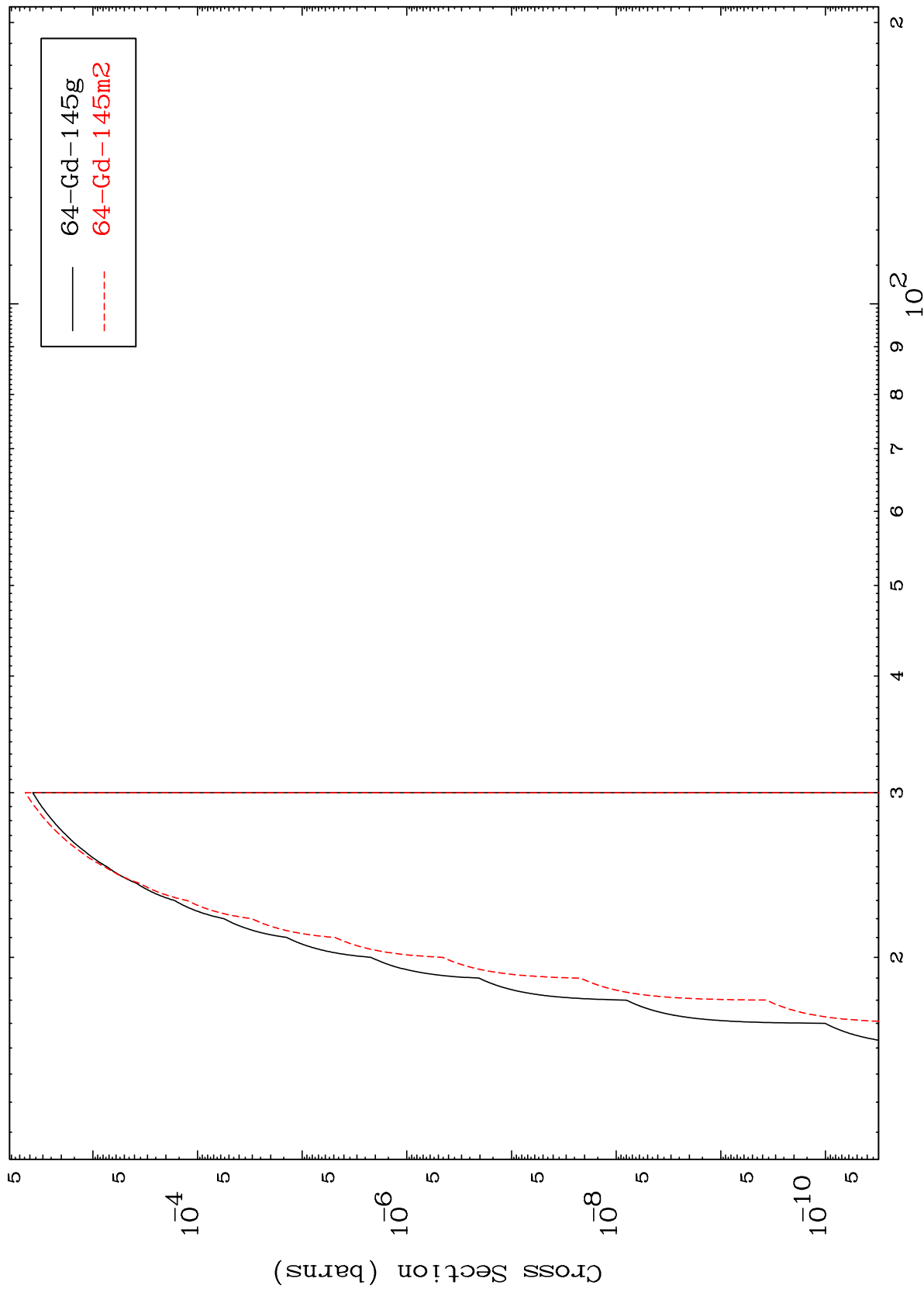


MAT 6492

(n,n') t

65-Tb-148

Radionuclide Production Cross Section



84

Incident Energy (MeV)

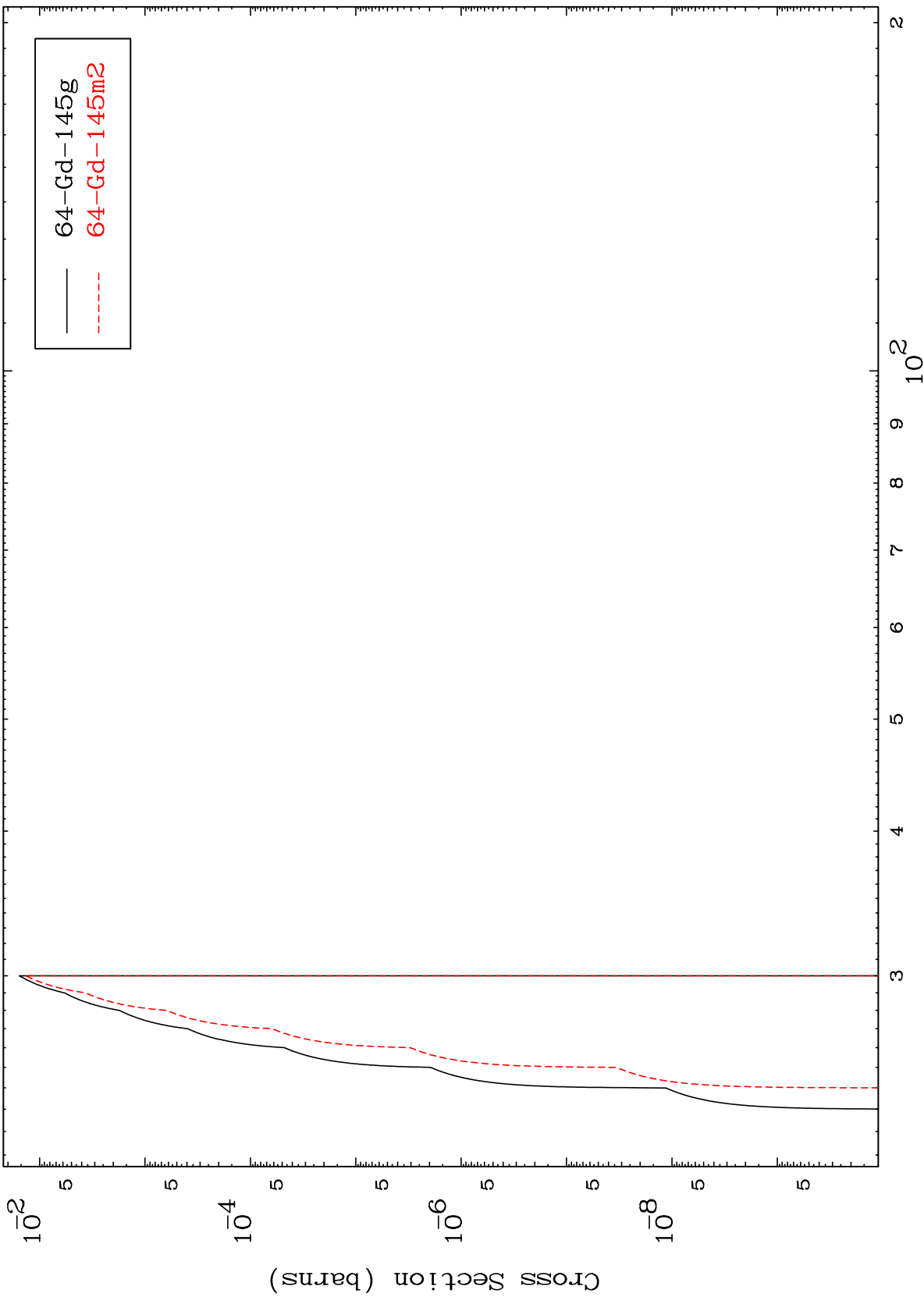
65-Tb-148

MAT 6492

(n,3n) p

65-Tb-148

Radionuclide Production Cross Section



85

Incident Energy (MeV)

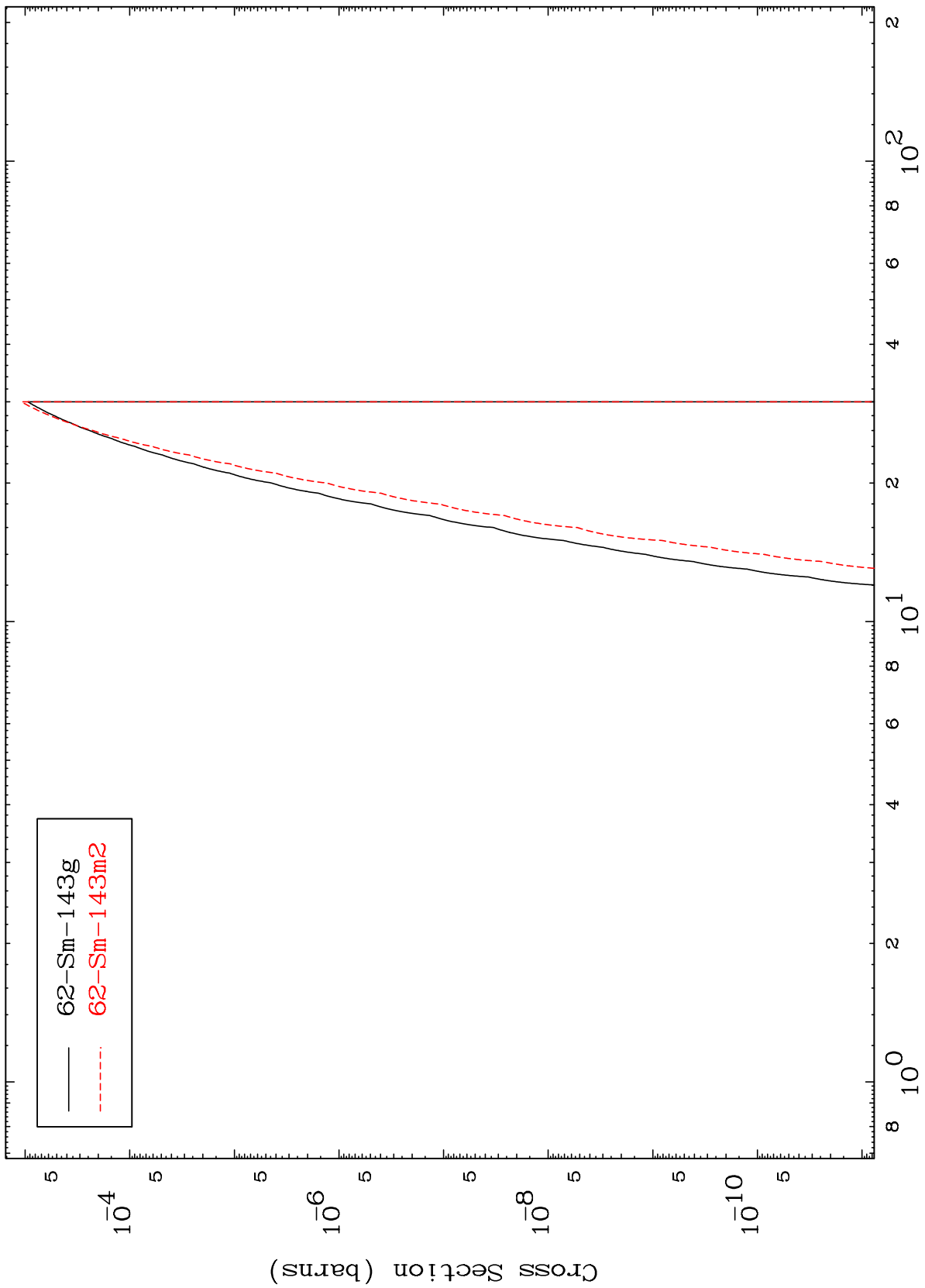
65-Tb-148

MAT 6492

(n,n') p α

65-Tb-148

Radionuclide Production Cross Section



86

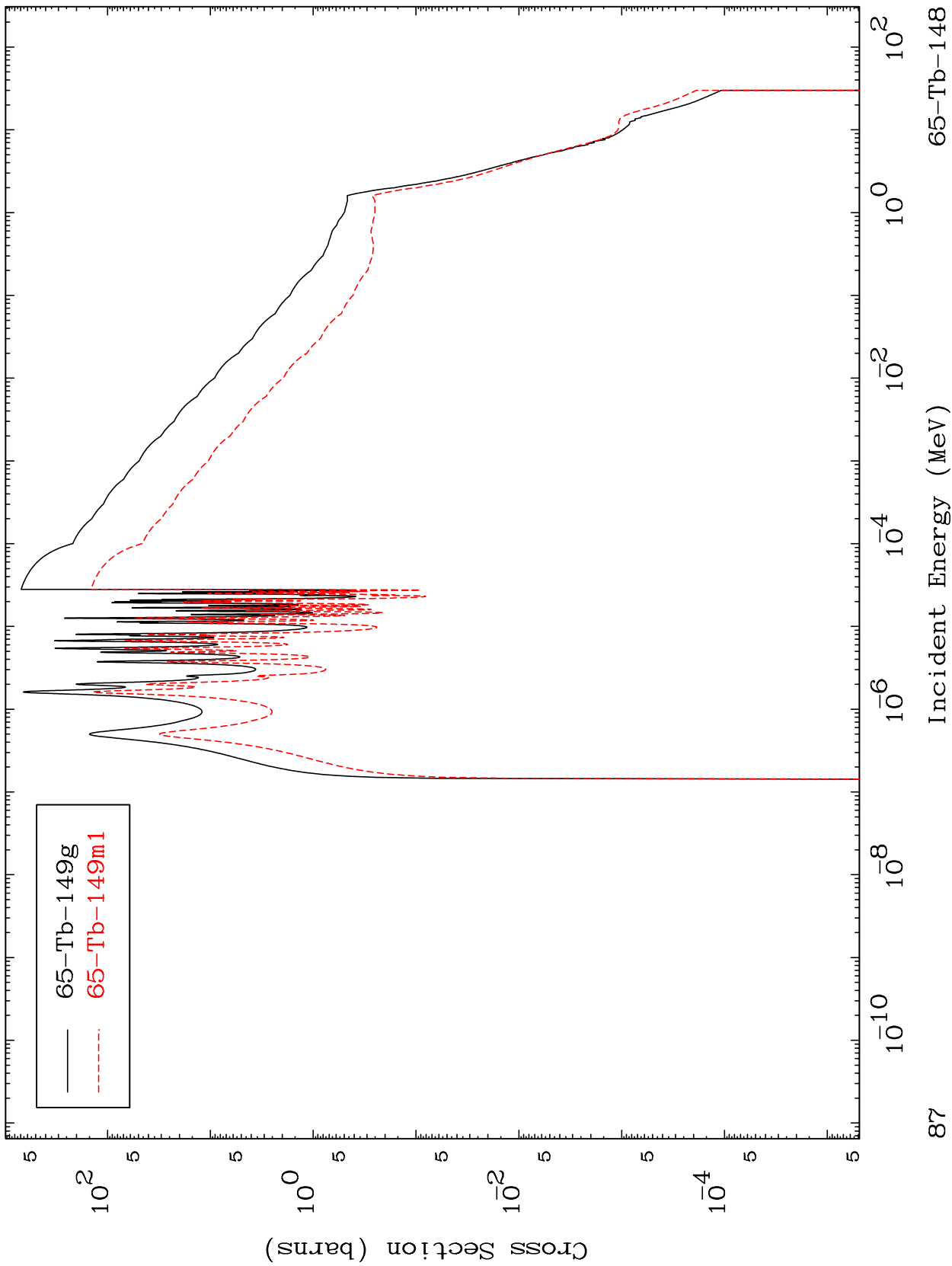
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

(n,γ)
Radionuclide Production Cross Section



87

65-Tb-148

MAT 6492

(n,d) α

65-Tb-148

Radionuclide Production Cross Section

