

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

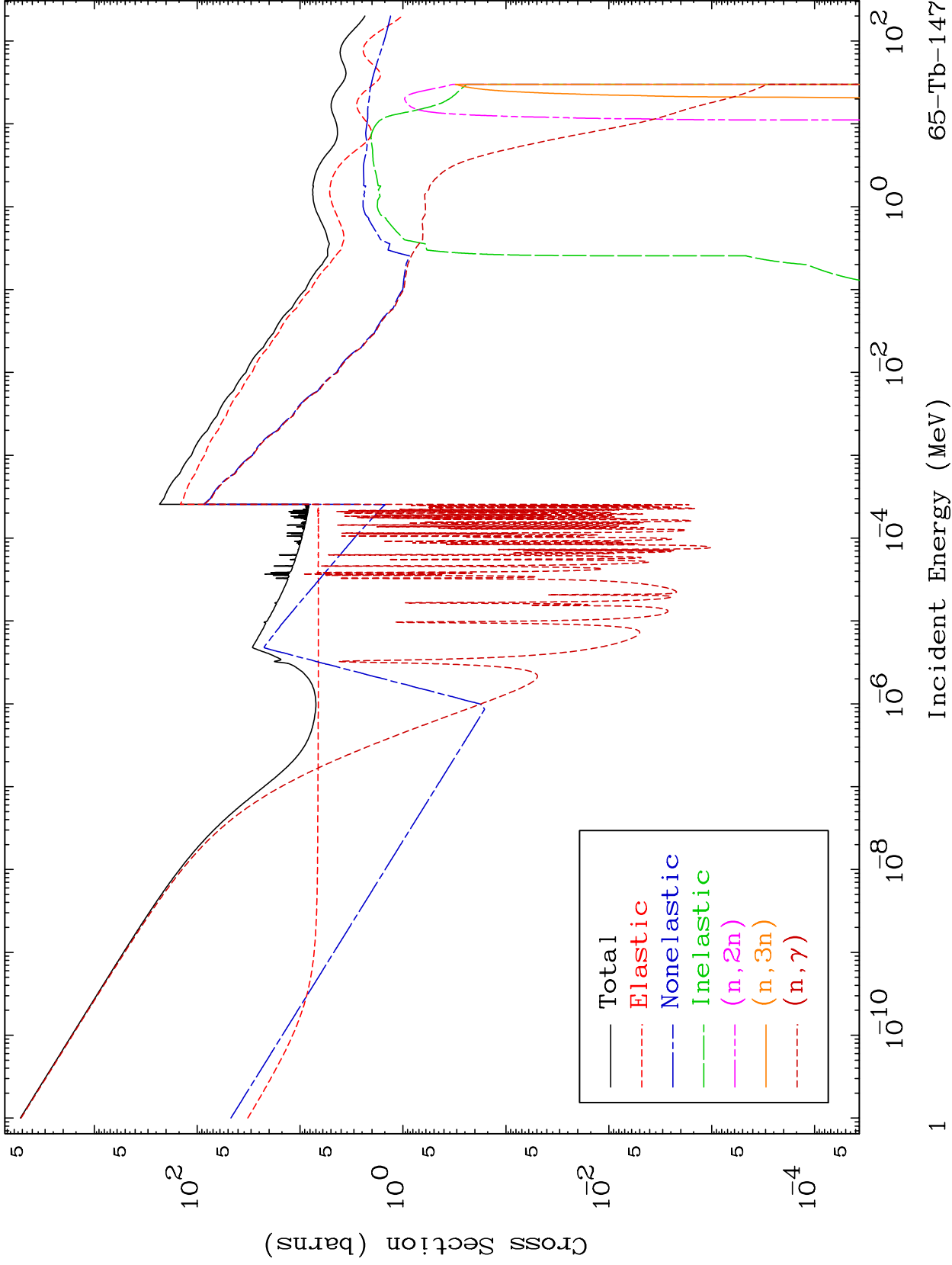
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6489

Neutron Major
293 Kelvin Cross Sections

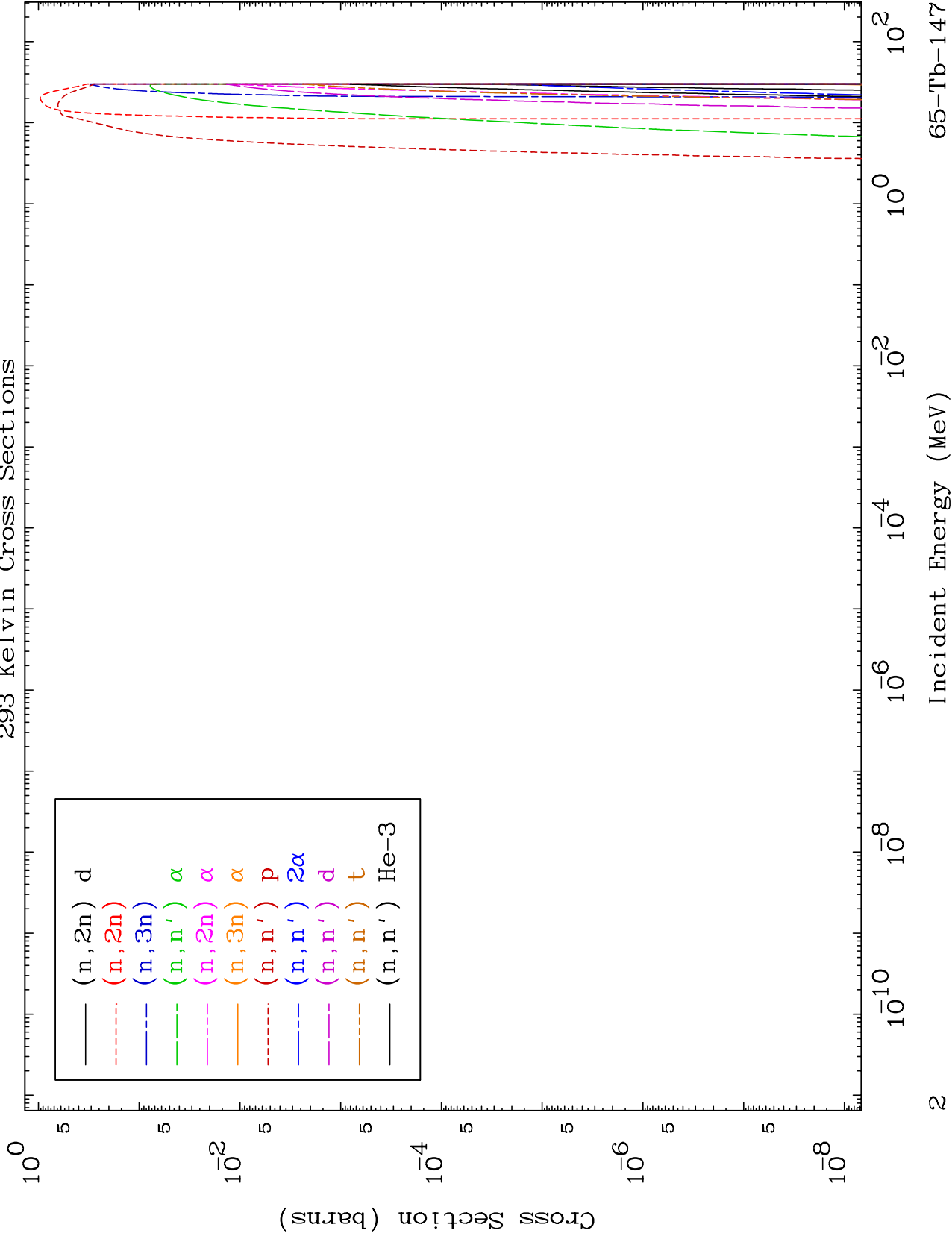
65-Tb-147

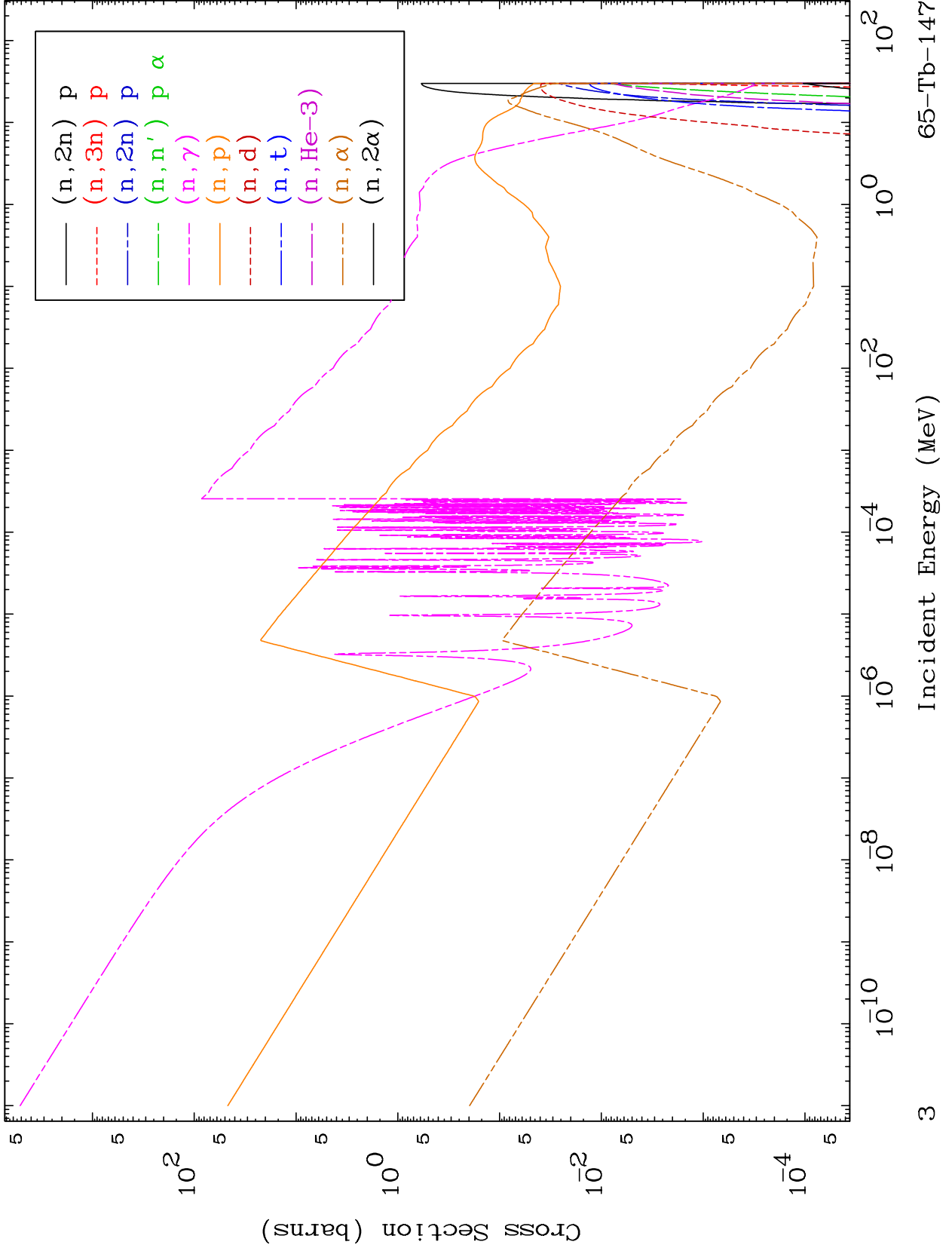


MAT 6489

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-147

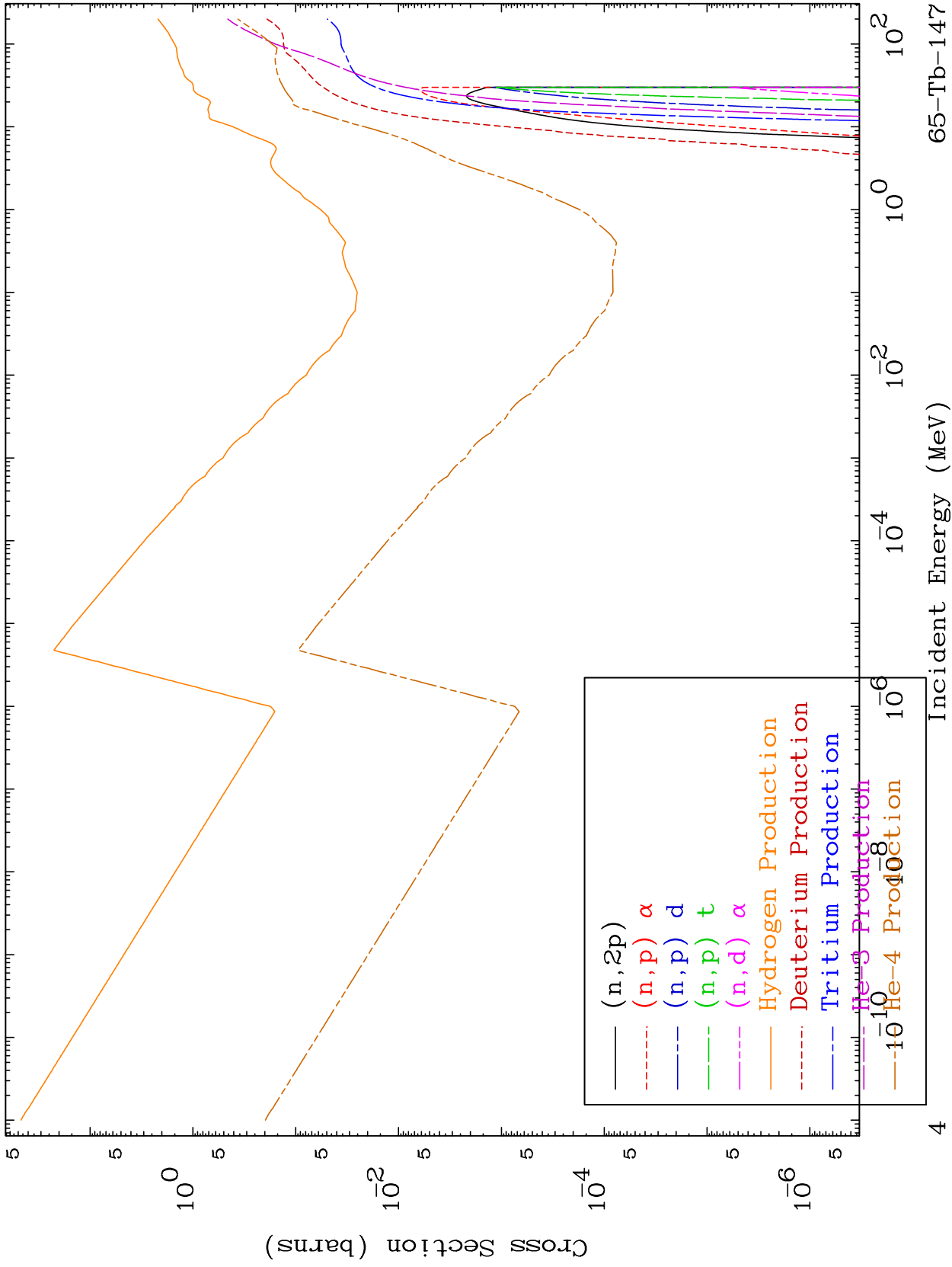




MAT 6489

Neutron Absorption
293 Kelvin Cross Sections

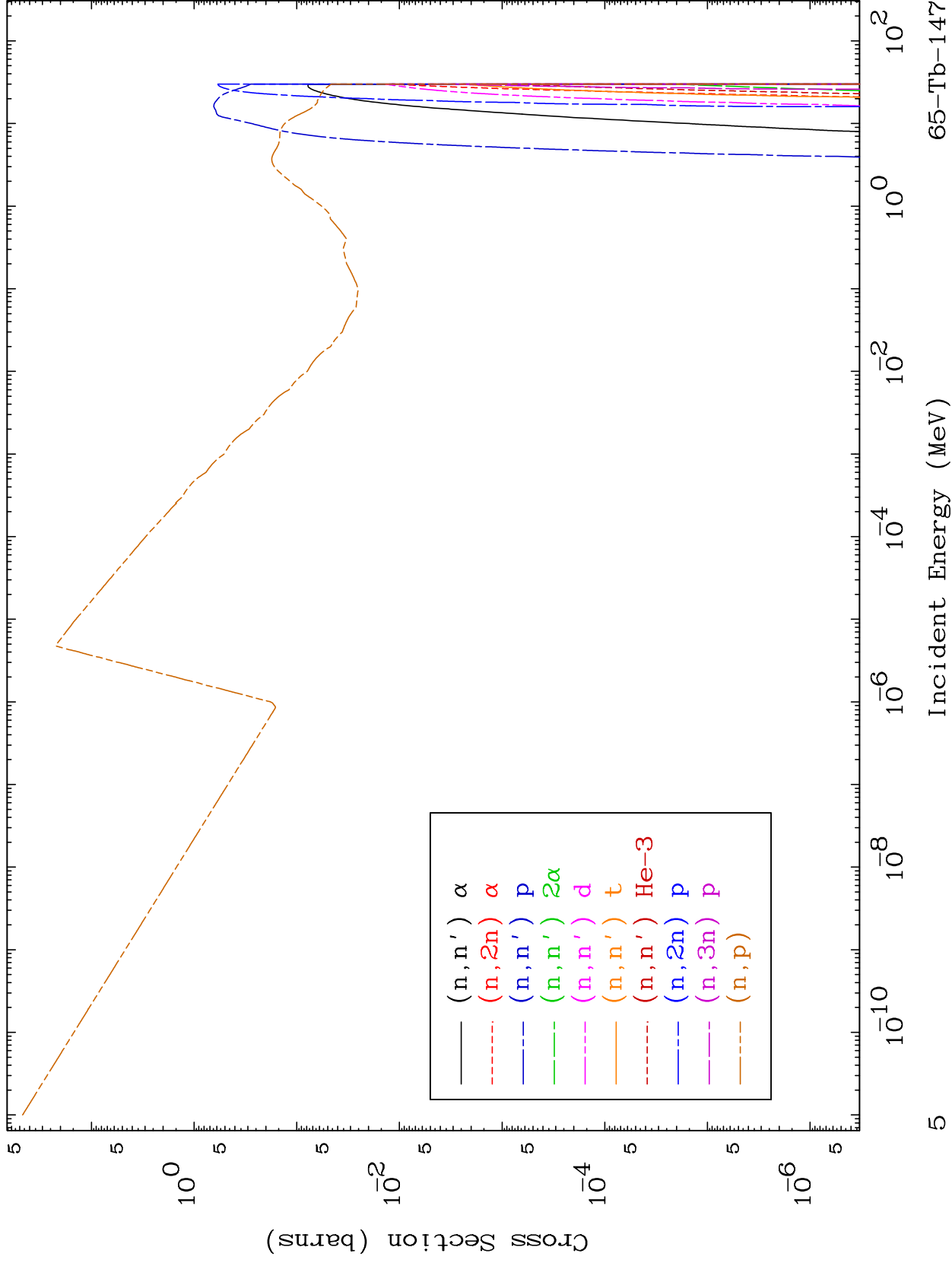
65-Tb-147



MAT 6489

Charged Particle
293 Kelvin Cross Sections

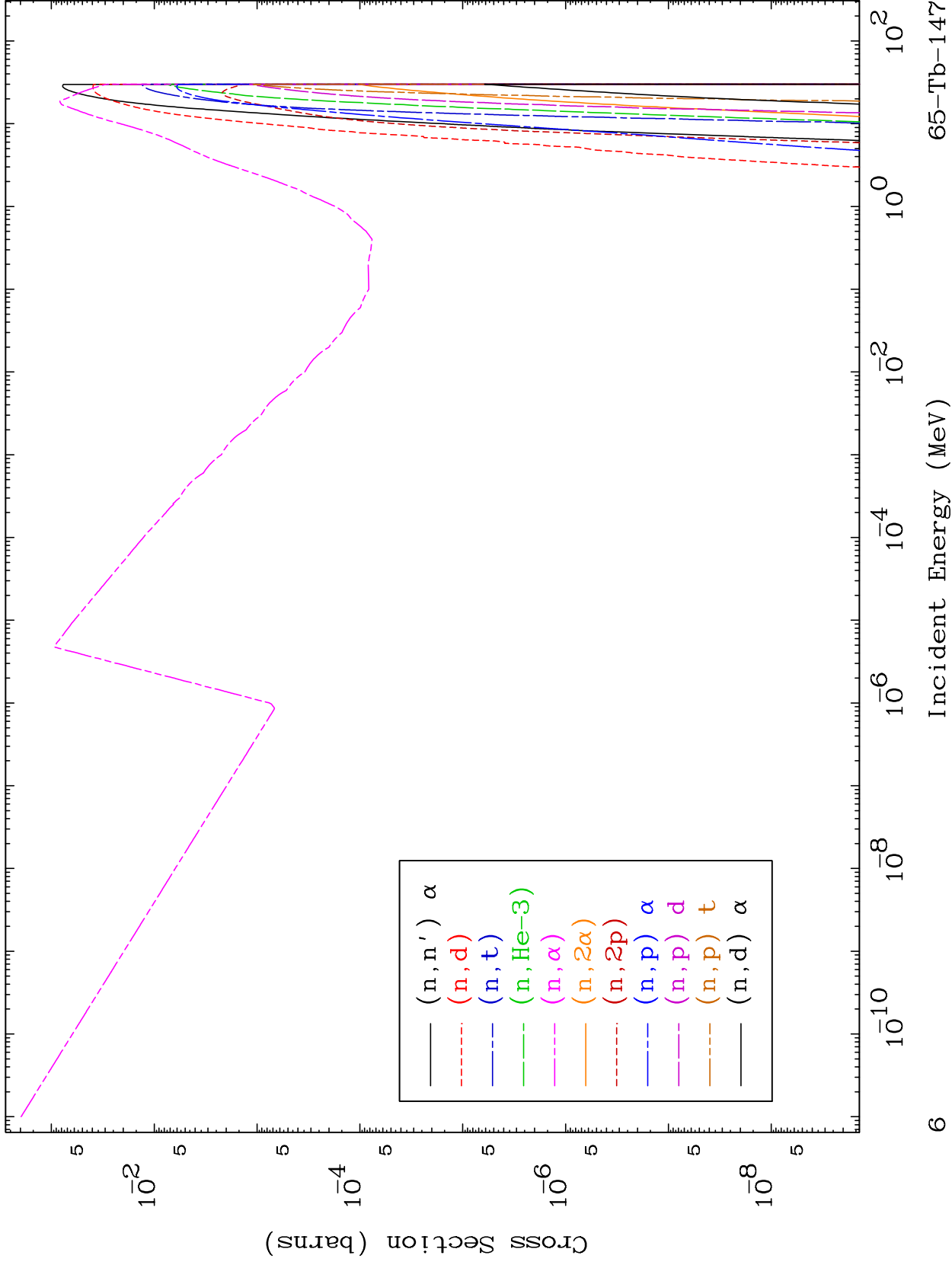
65-Tb-147



MAT 6489

Charged Particle
293 Kelvin Cross Sections

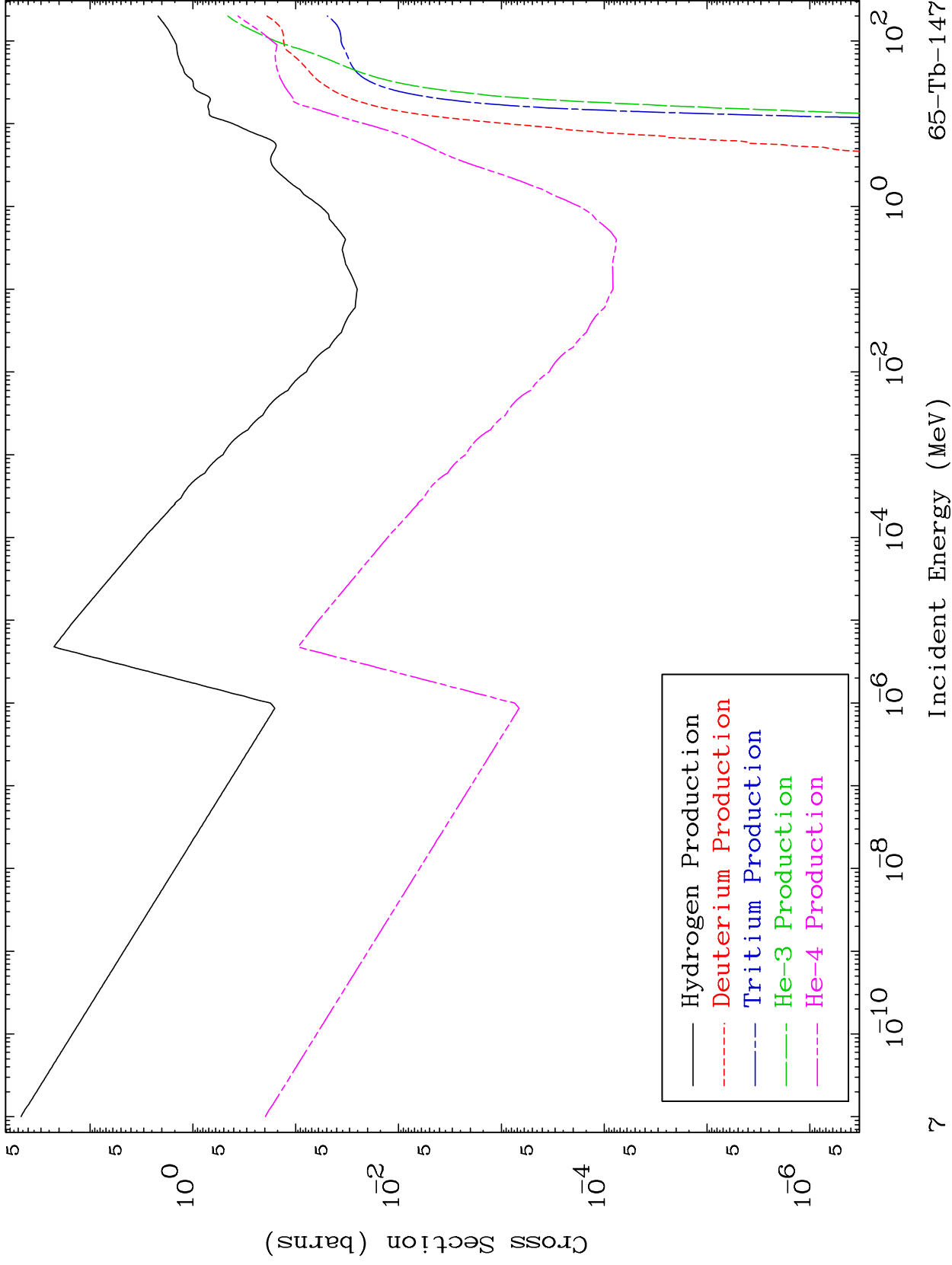
65-Tb-147



MAT 6489

Particle Production
293 Kelvin Cross Sections

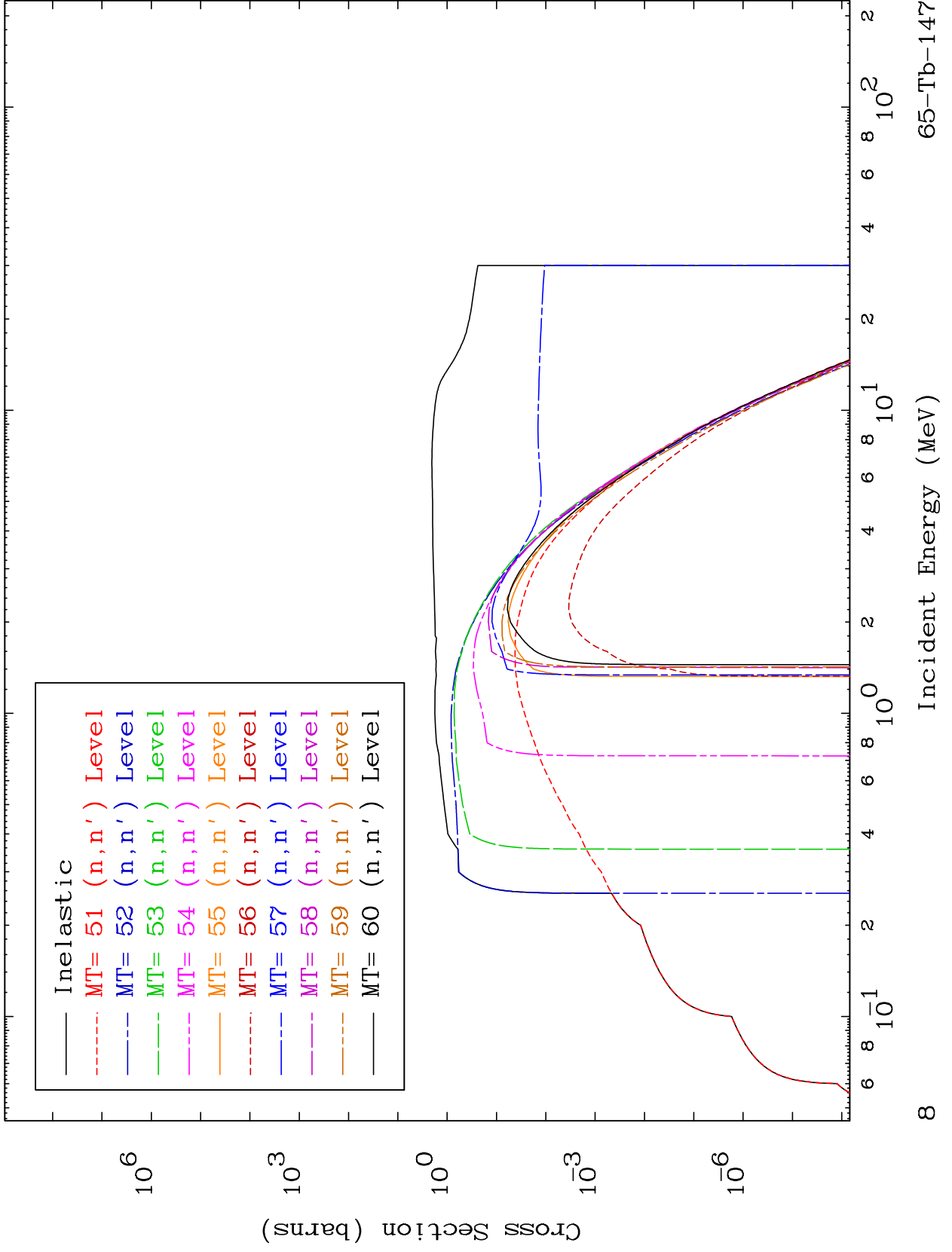
65-Tb-147



MAT 6489

(n,n') Levels
293 Kelvin Cross Sections

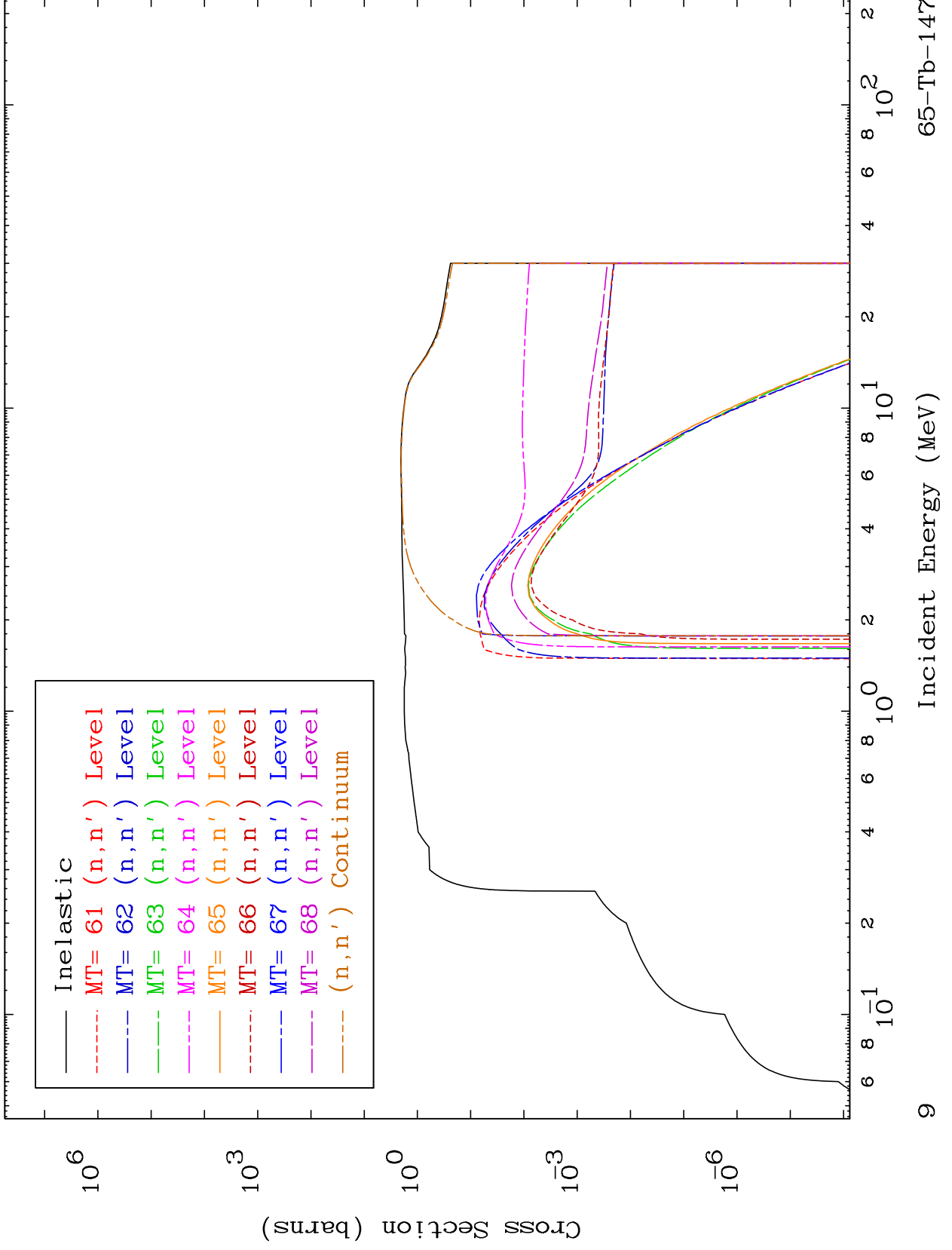
65-Tb-147



MAT 6489

(n,n') Levels
293 Kelvin Cross Sections

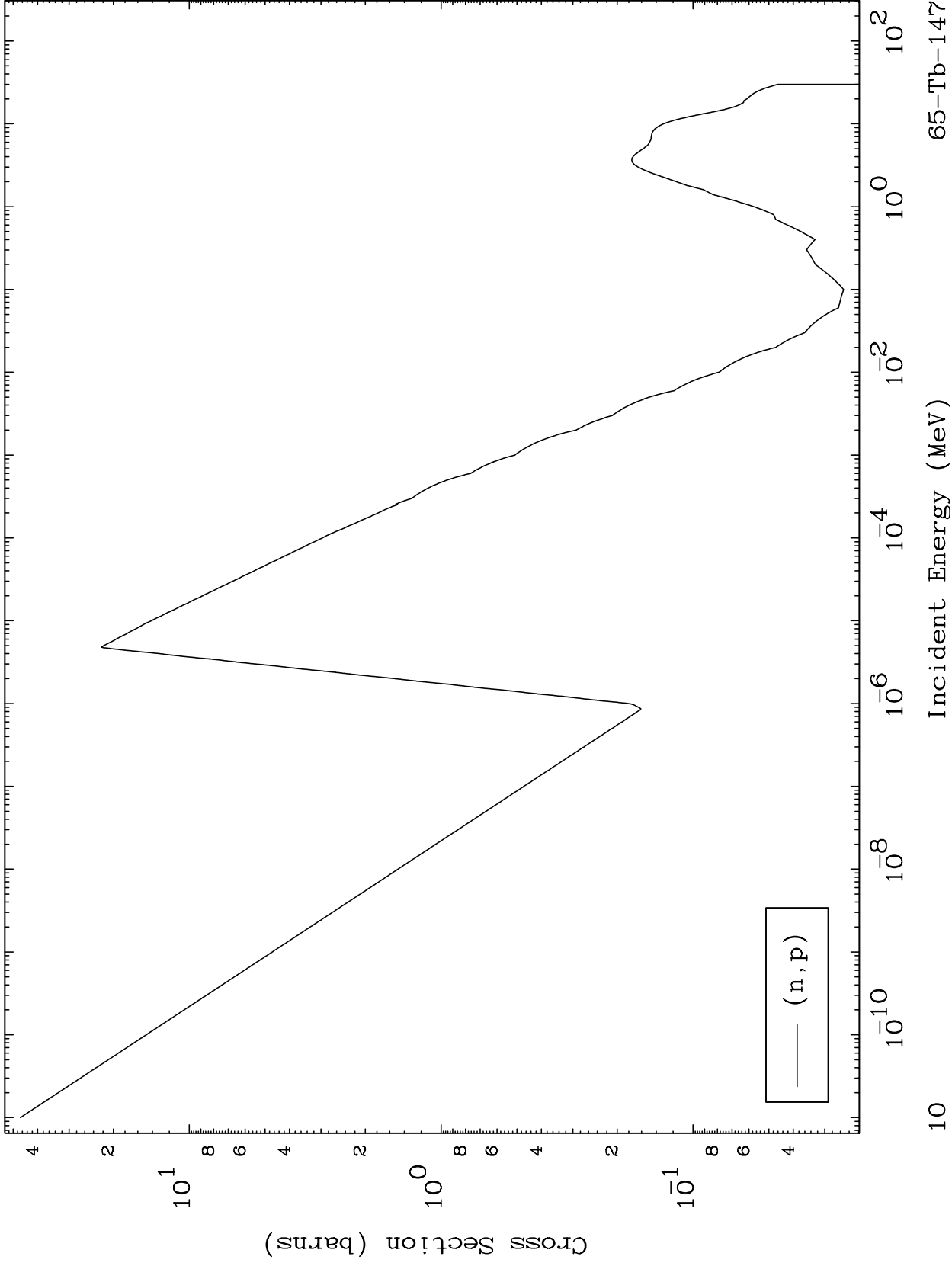
65-Tb-147



MAT 6489

(n,p) Levels
293 Kelvin Cross Sections

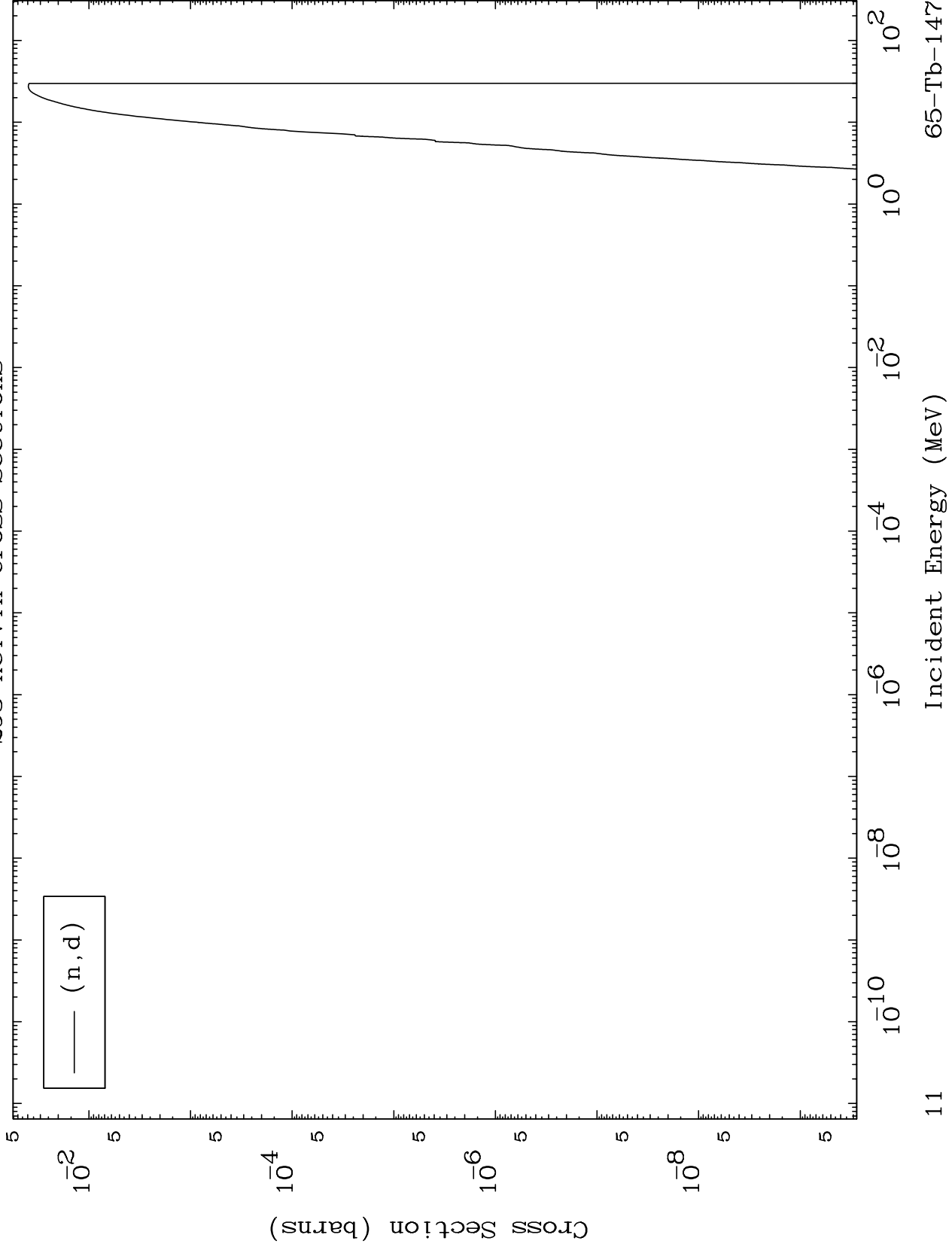
65-Tb-147



MAT 6489

(n,d) Levels
293 Kelvin Cross Sections

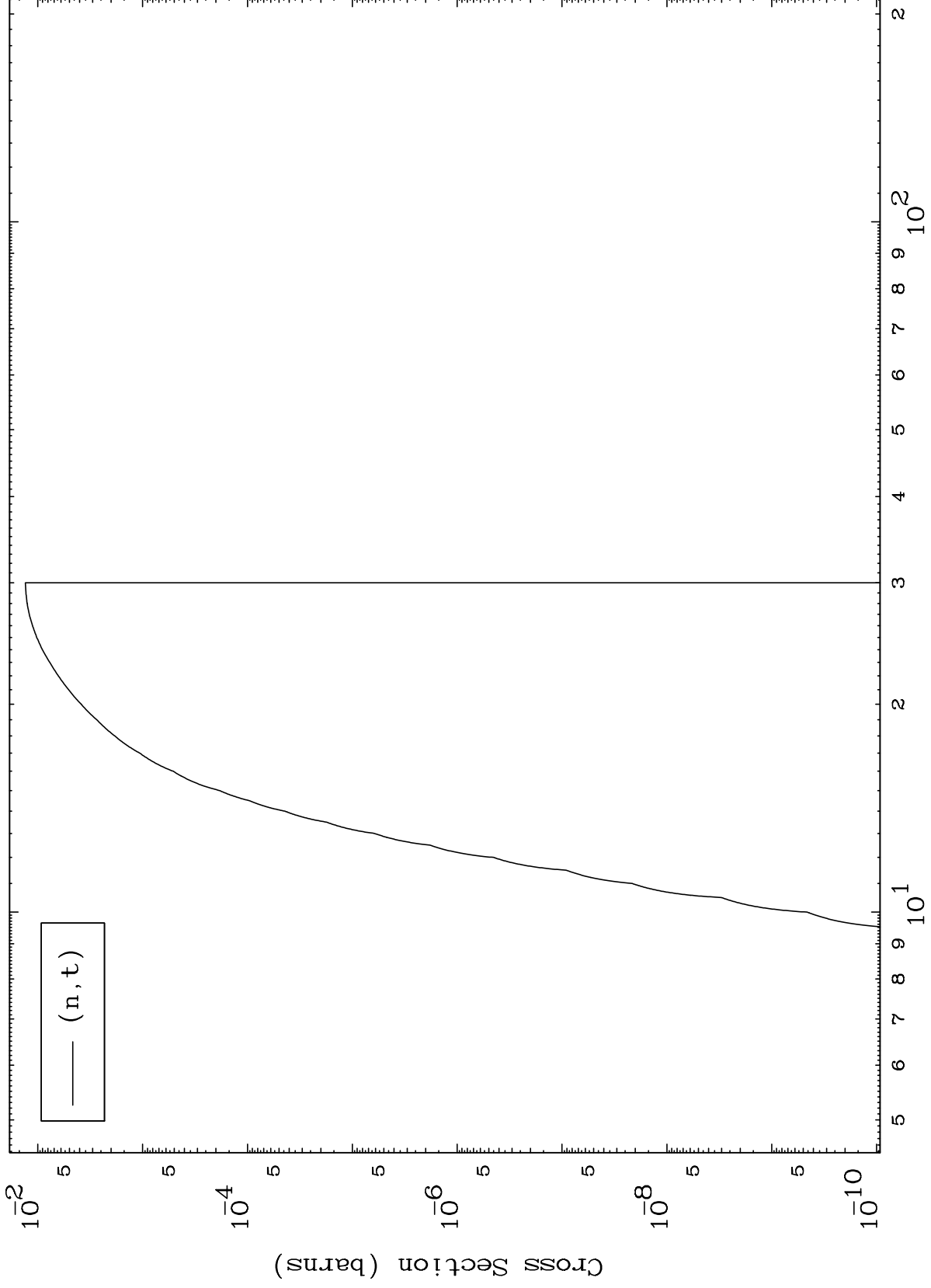
65-Tb-147



MAT 6489

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-147



12

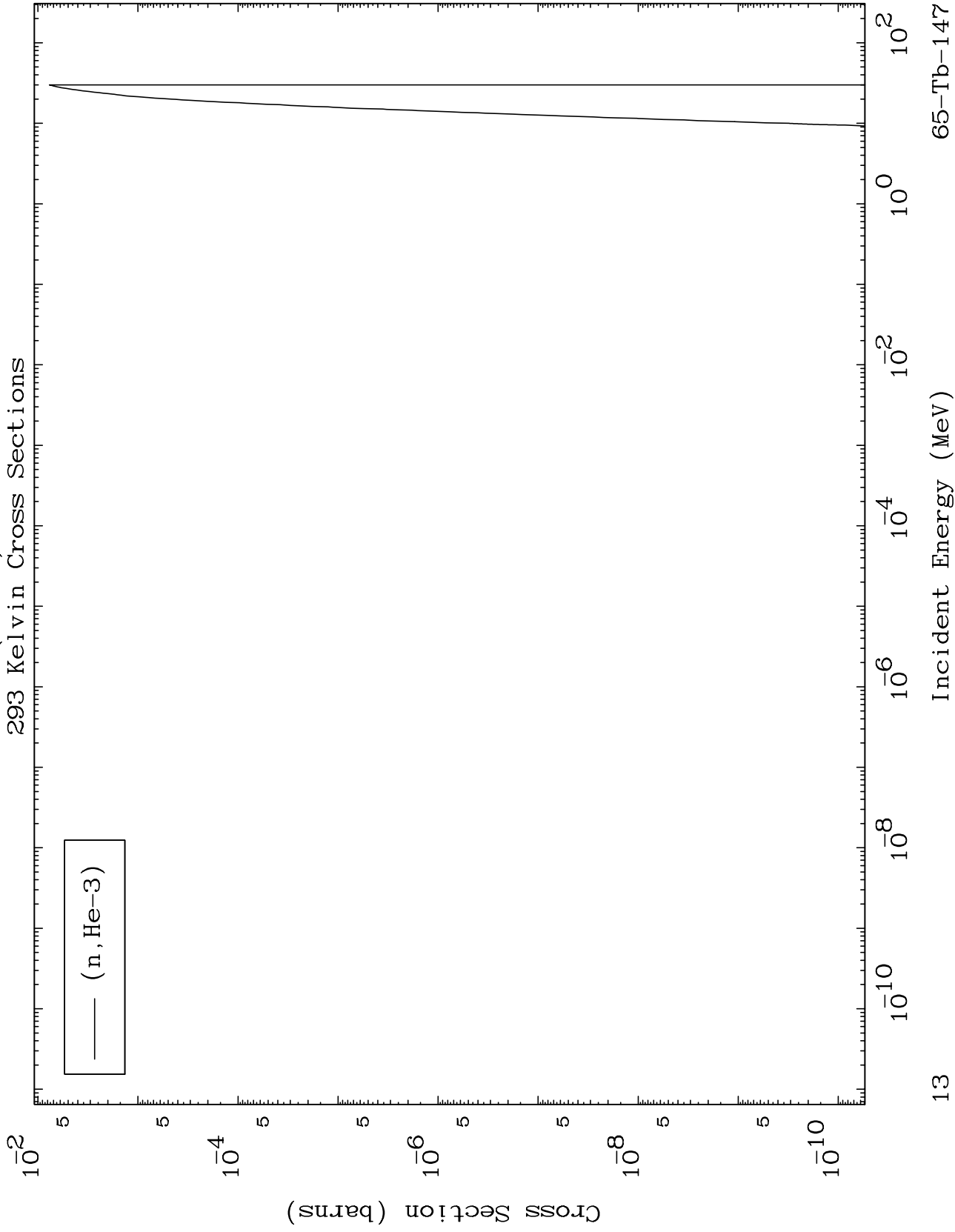
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-147

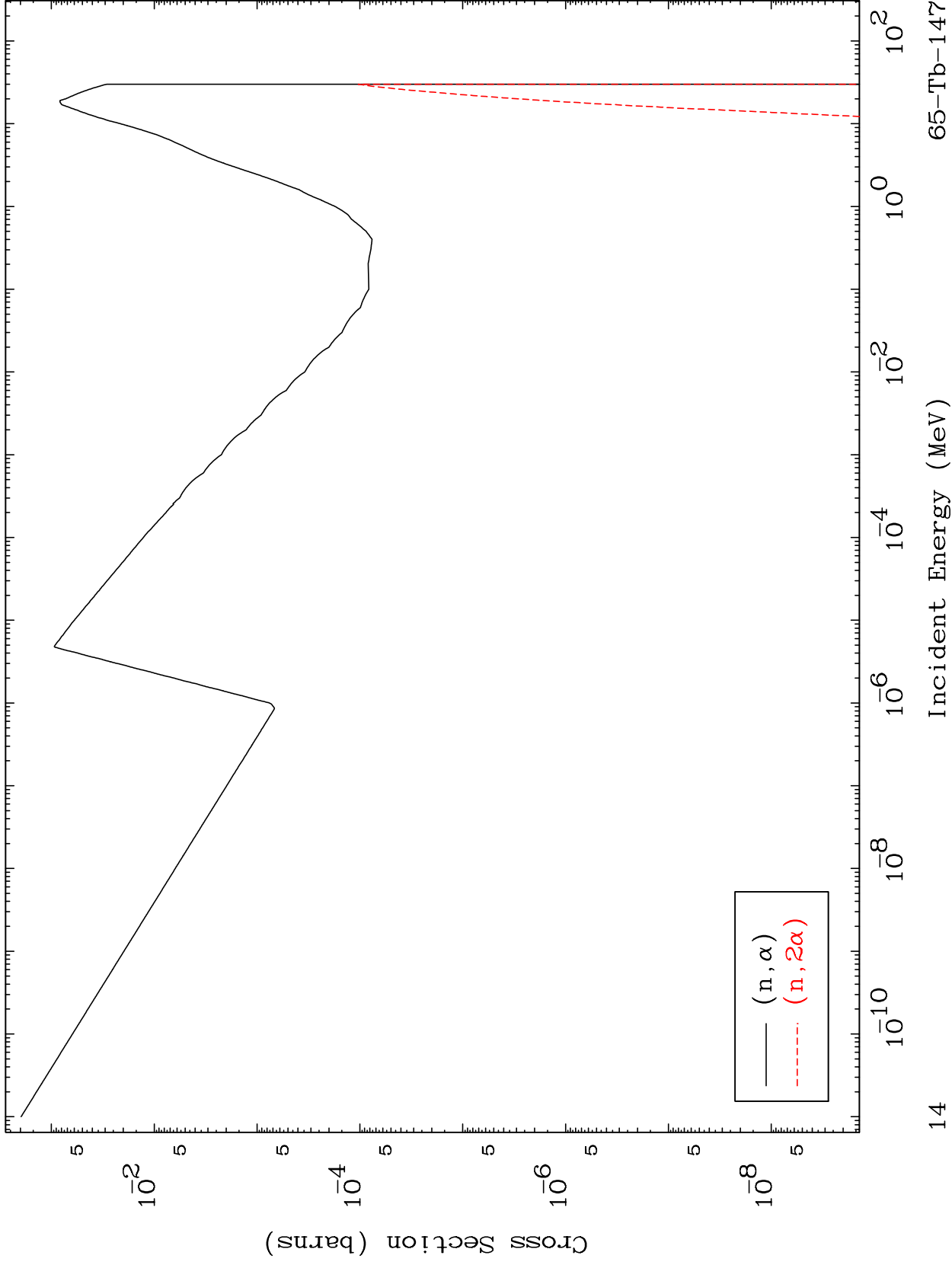


(n, He-3)

MAT 6489

(n, α) Levels
293 Kelvin Cross Sections

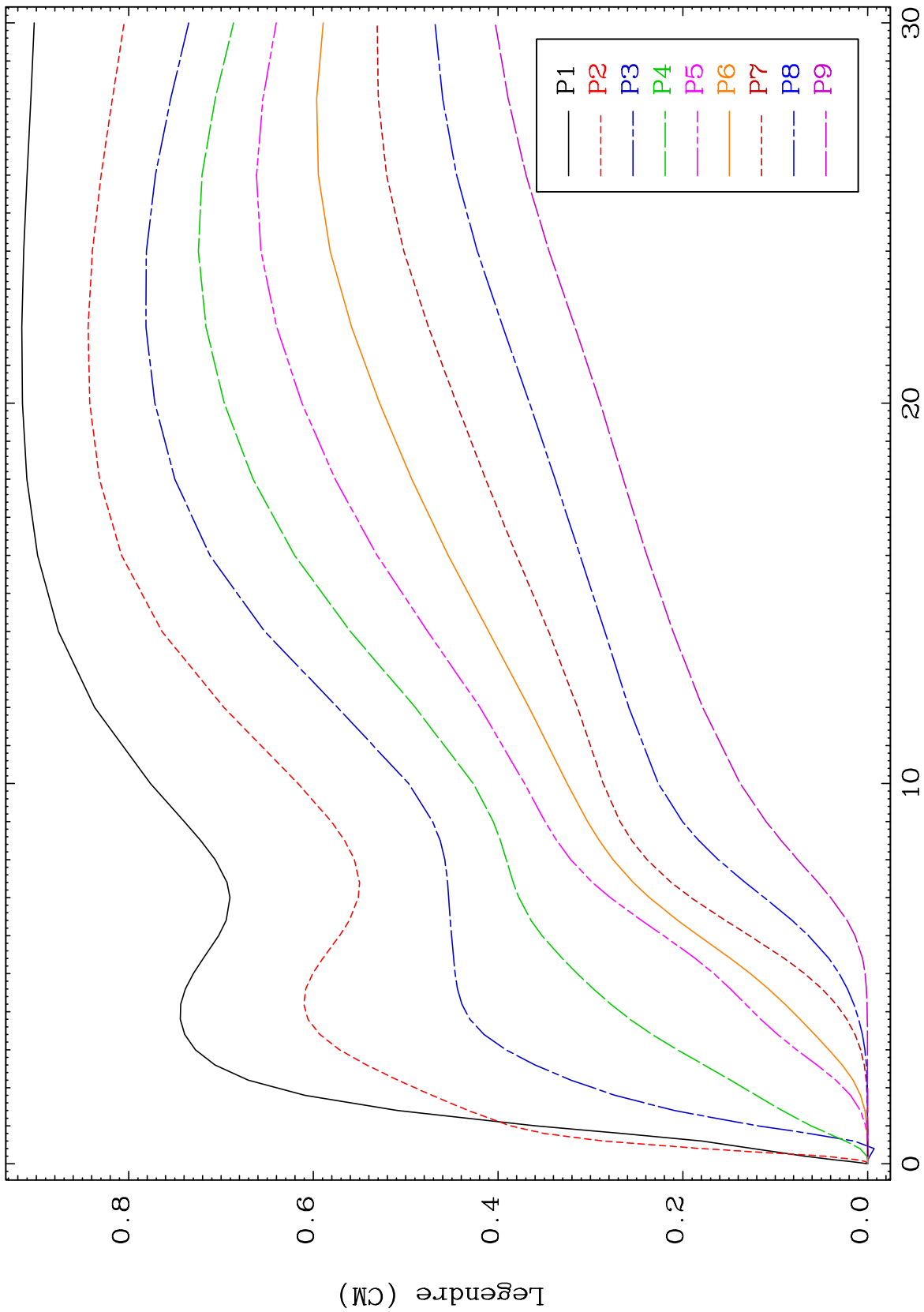
65-Tb-147



MAT 6489

Elastic Legendre Coefficients

65-Tb-147



15

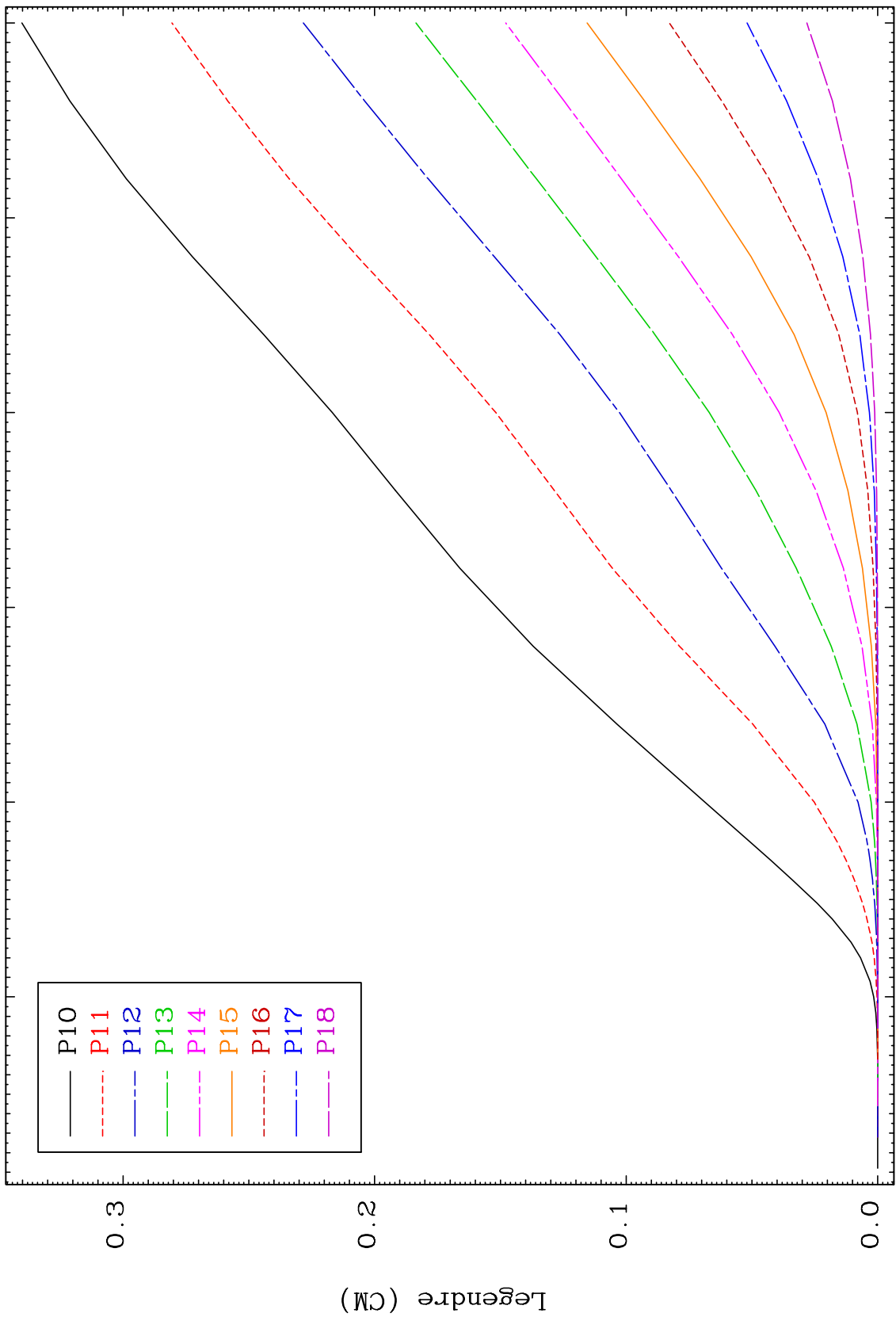
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



16

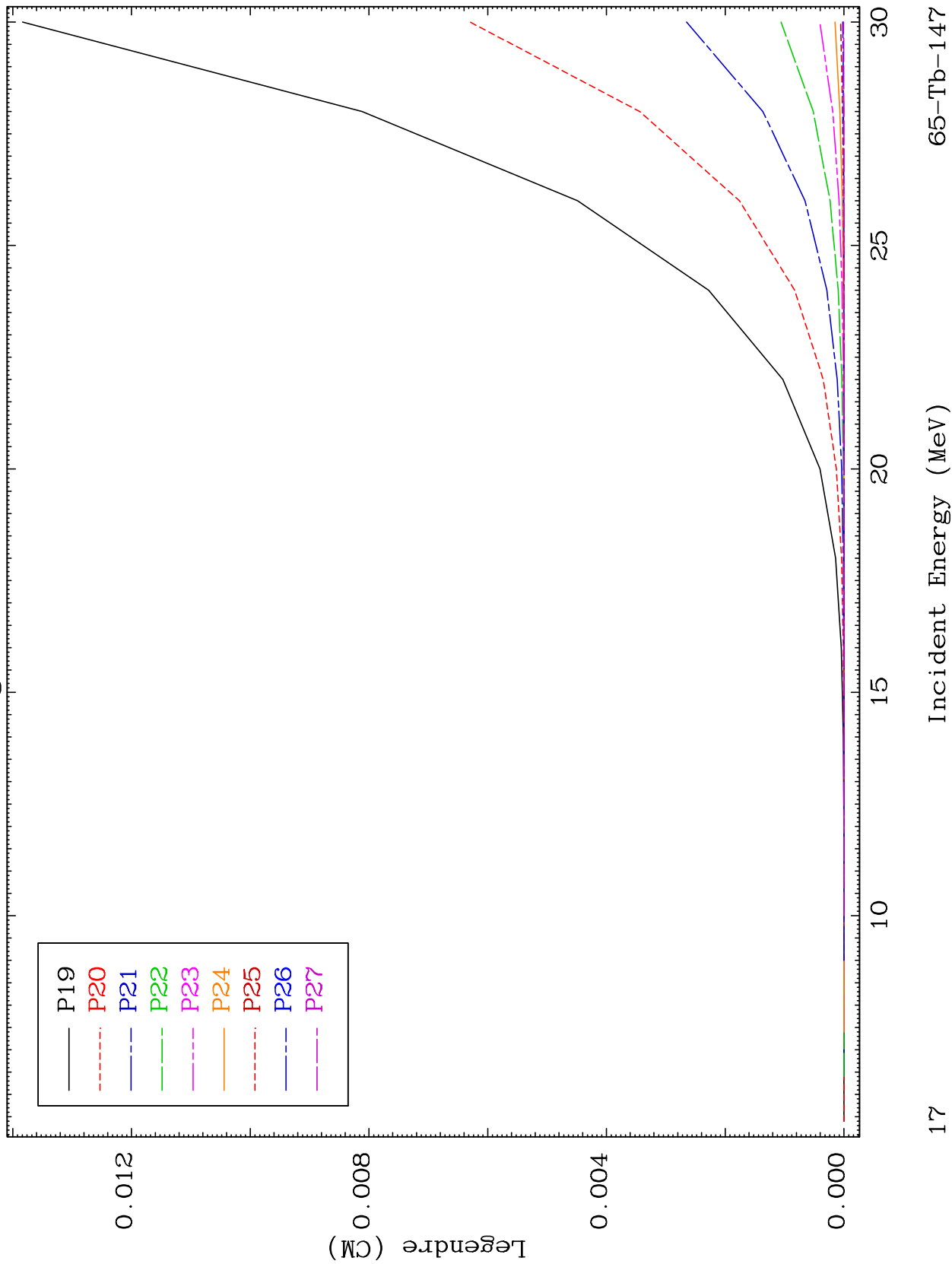
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



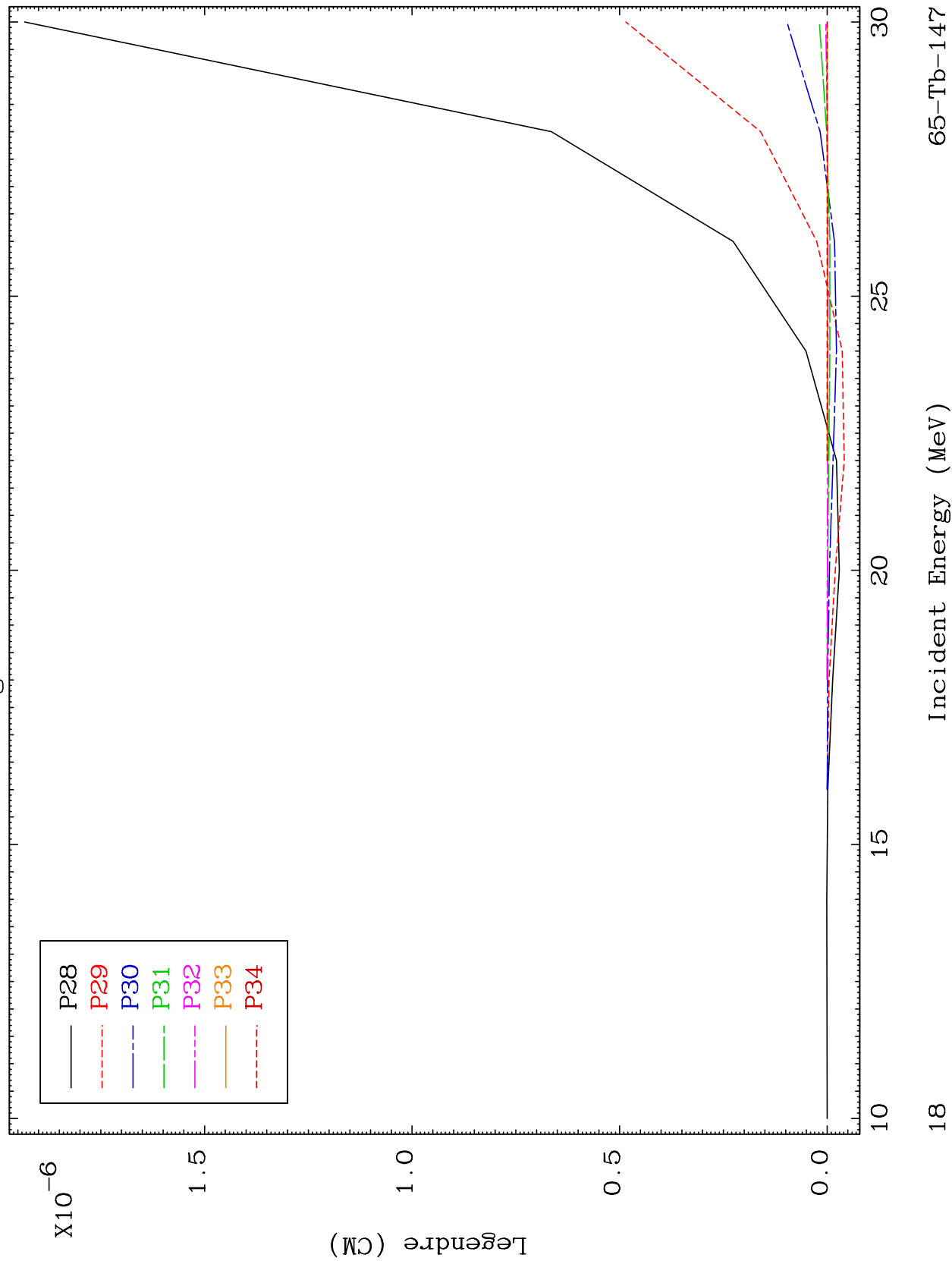
17

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



65-Tb-147

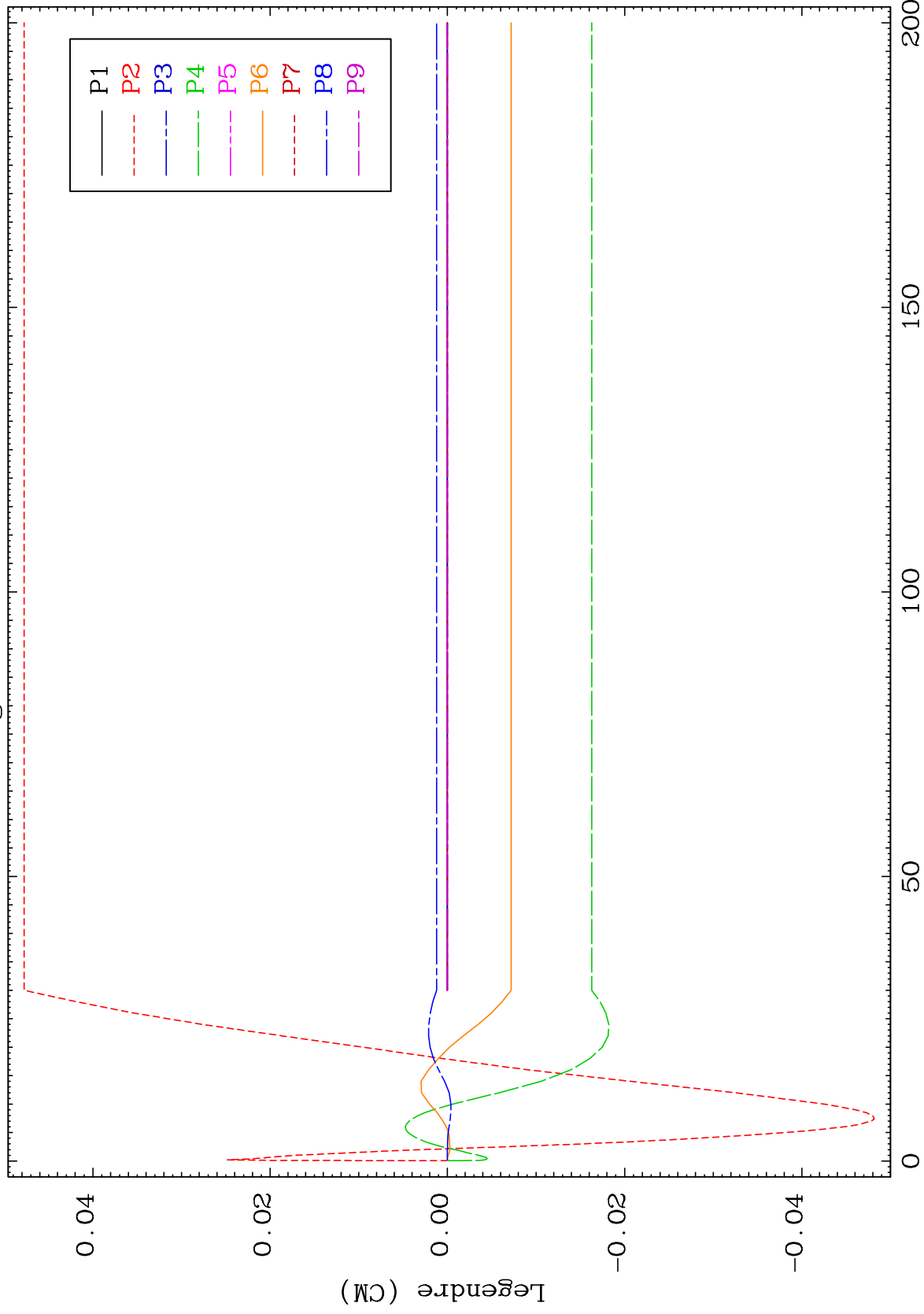
Incident Energy (MeV)

18

MAT 6489

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

65-Tb-147



19

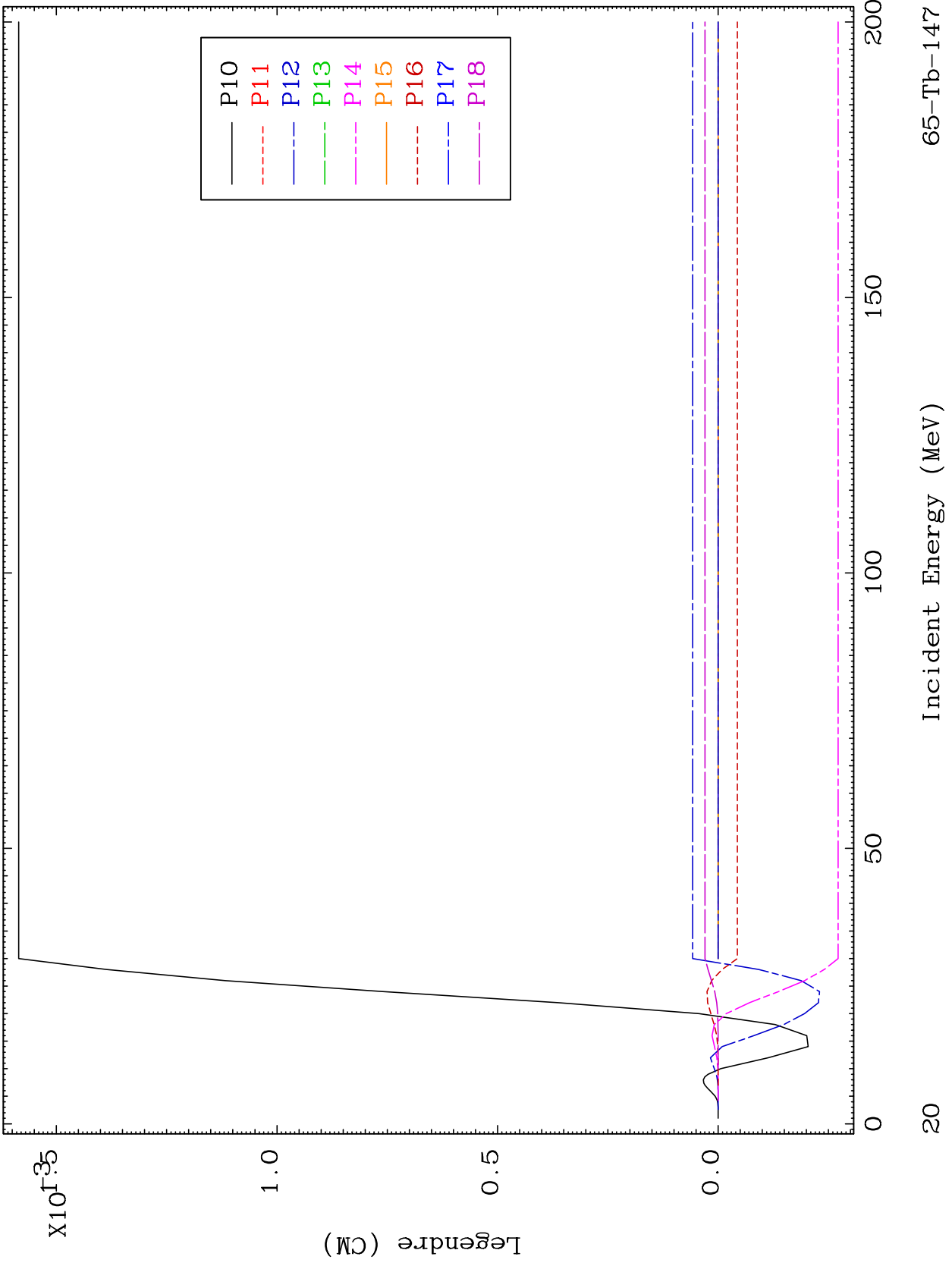
Incident Energy (MeV)

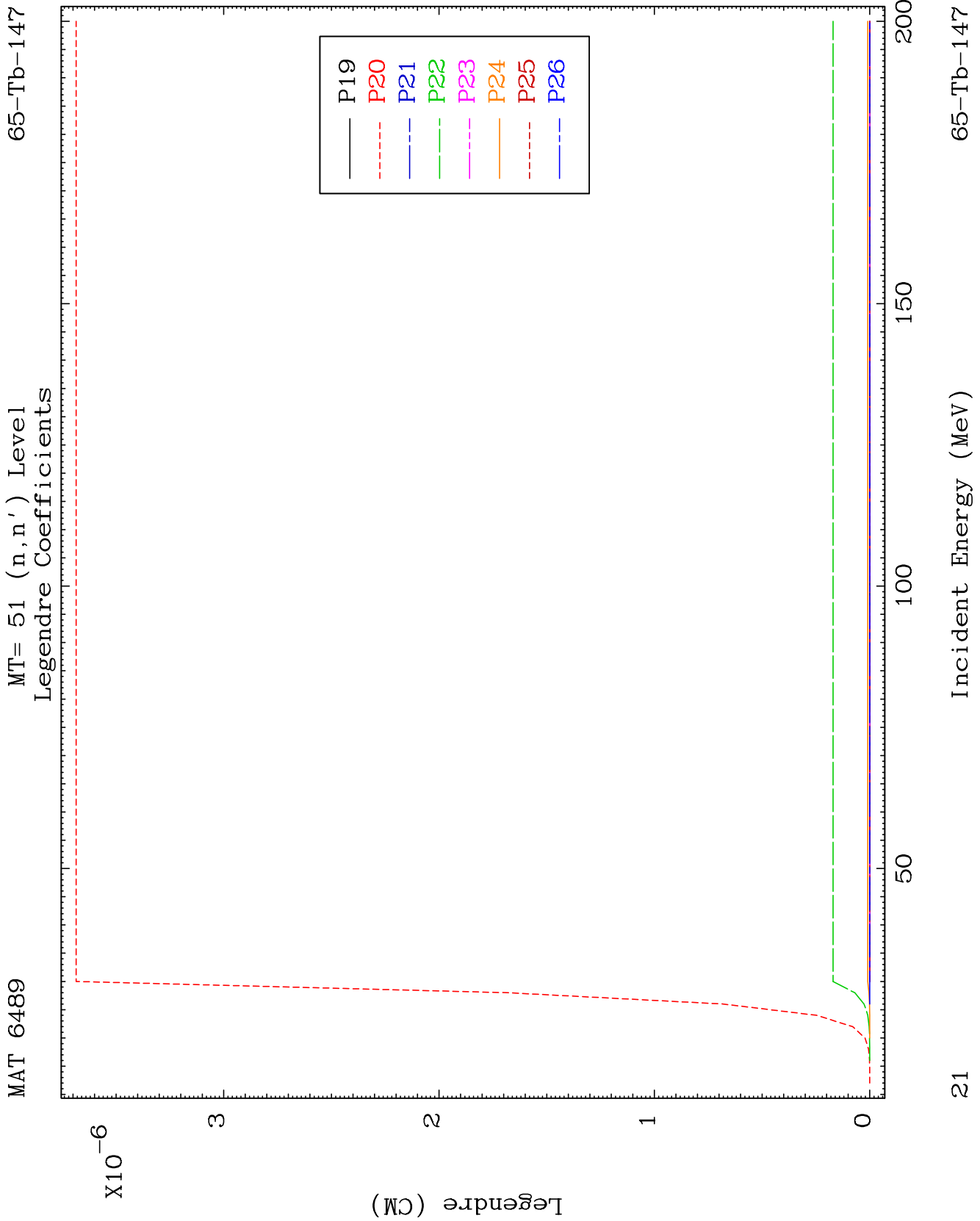
65-Tb-147

MAT 6489

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

65-Tb-147

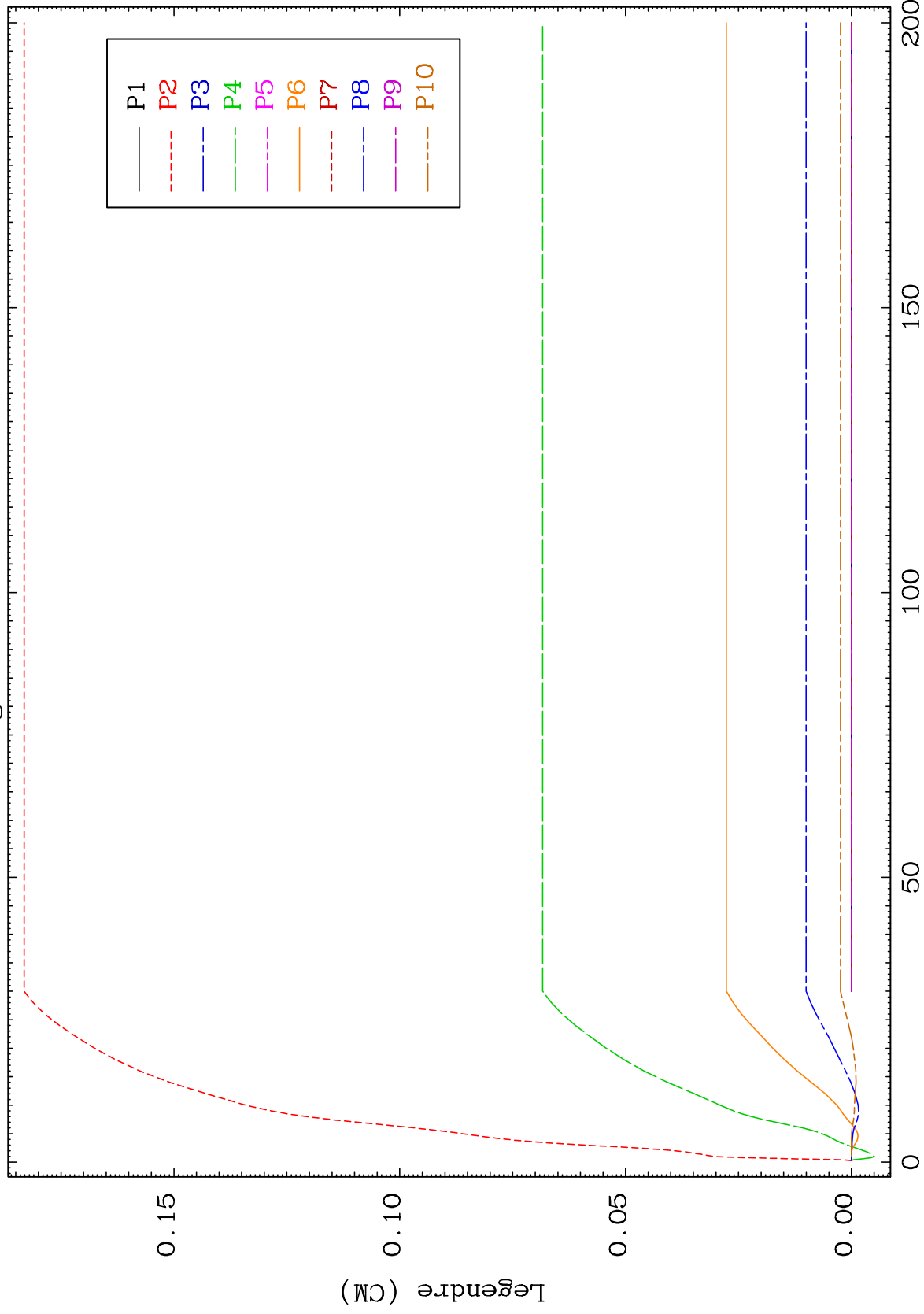




MAT 6489

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

65-Tb-147



65-Tb-147

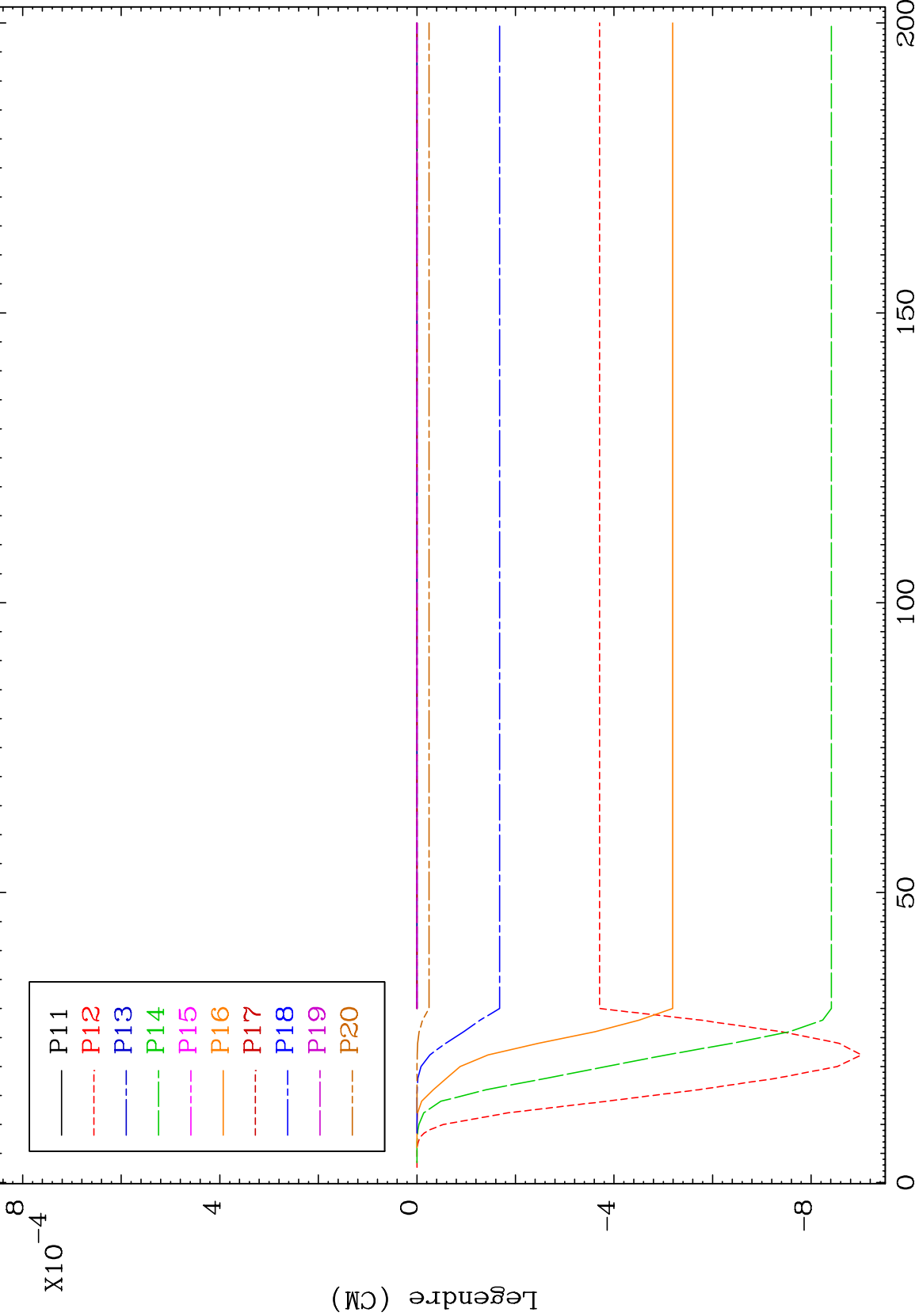
Incident Energy (MeV)

22

MAT 6489

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

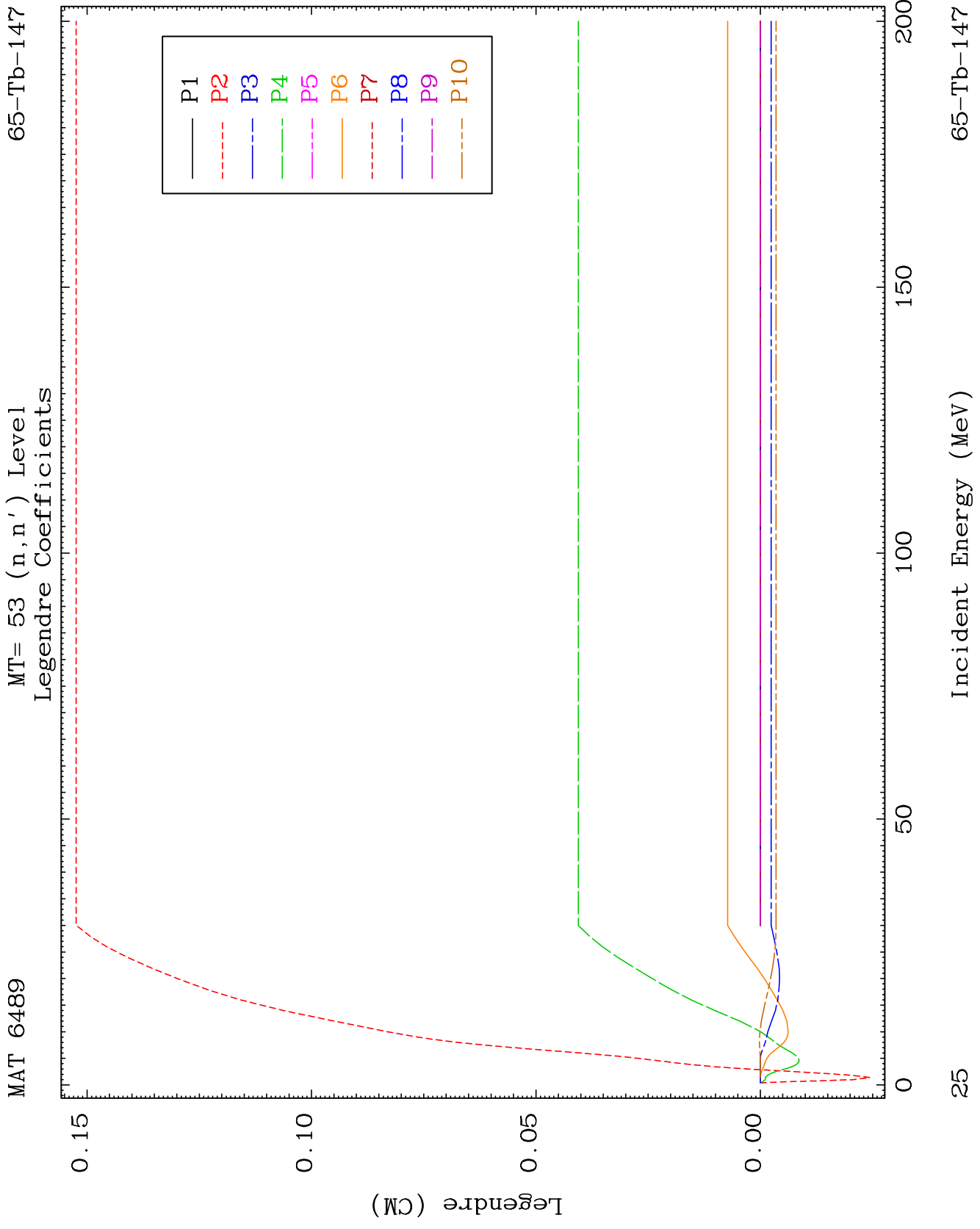
65-Tb-147



23

Incident Energy (MeV)

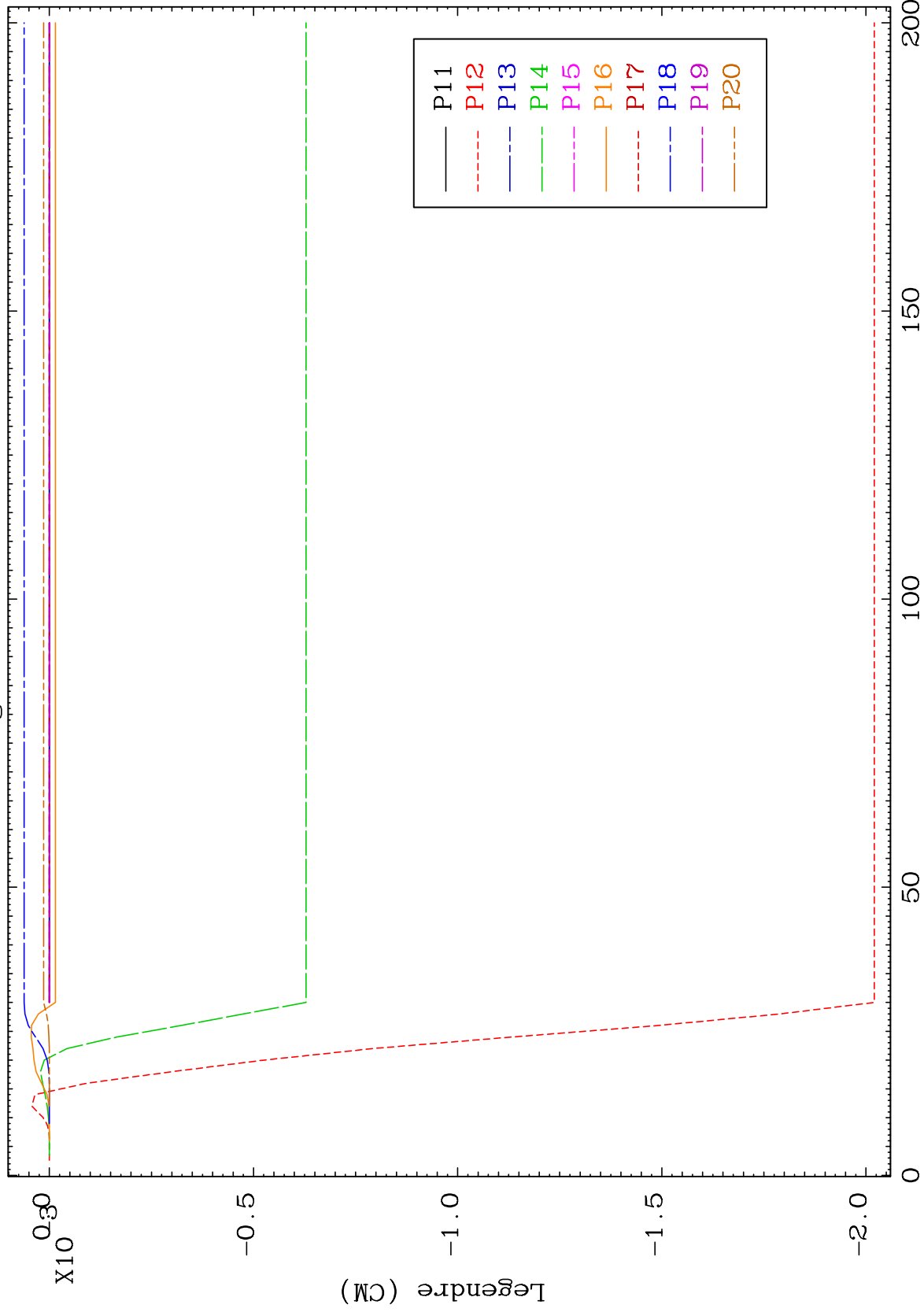
65-Tb-147



MAT 6489

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

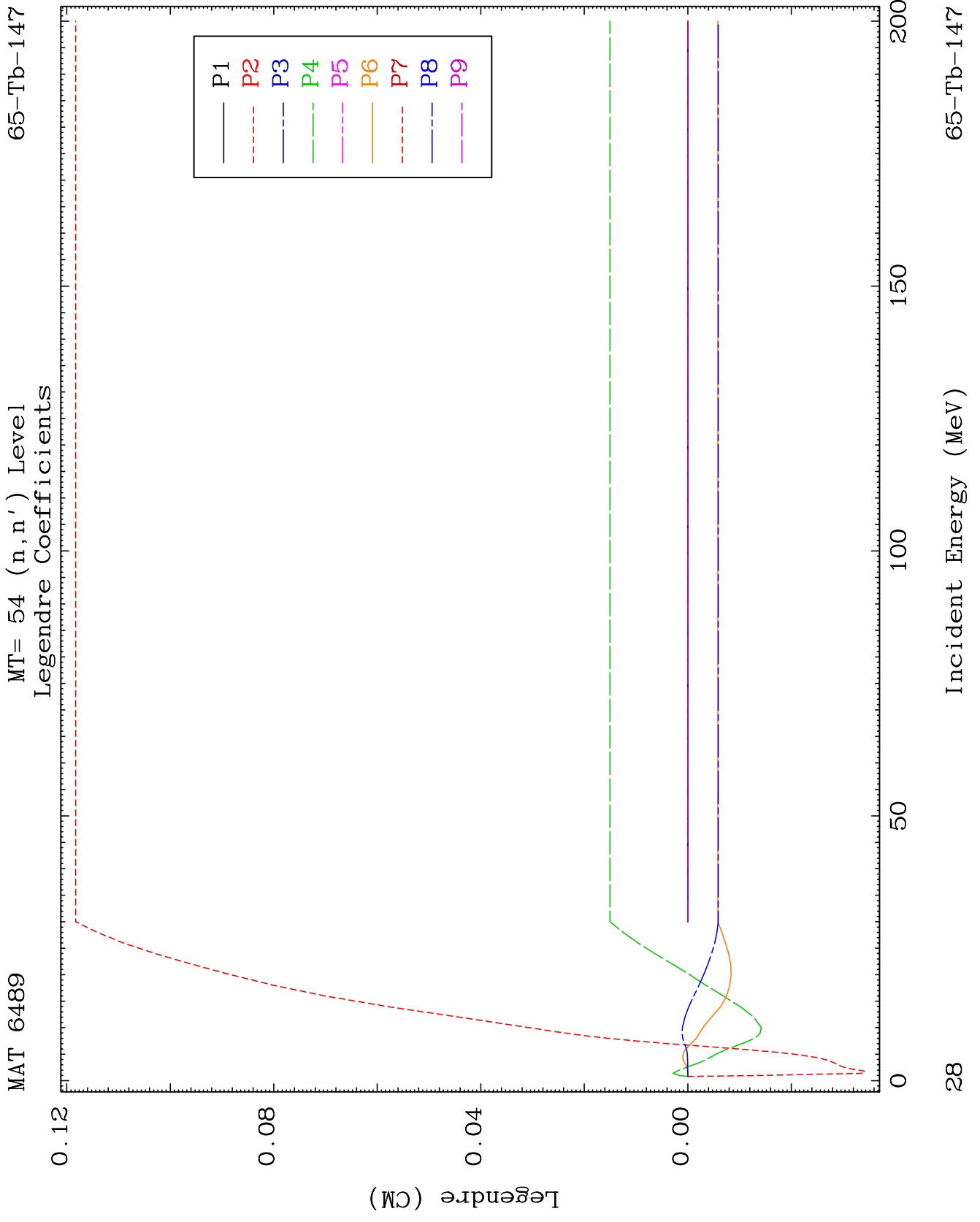
65-Tb-147

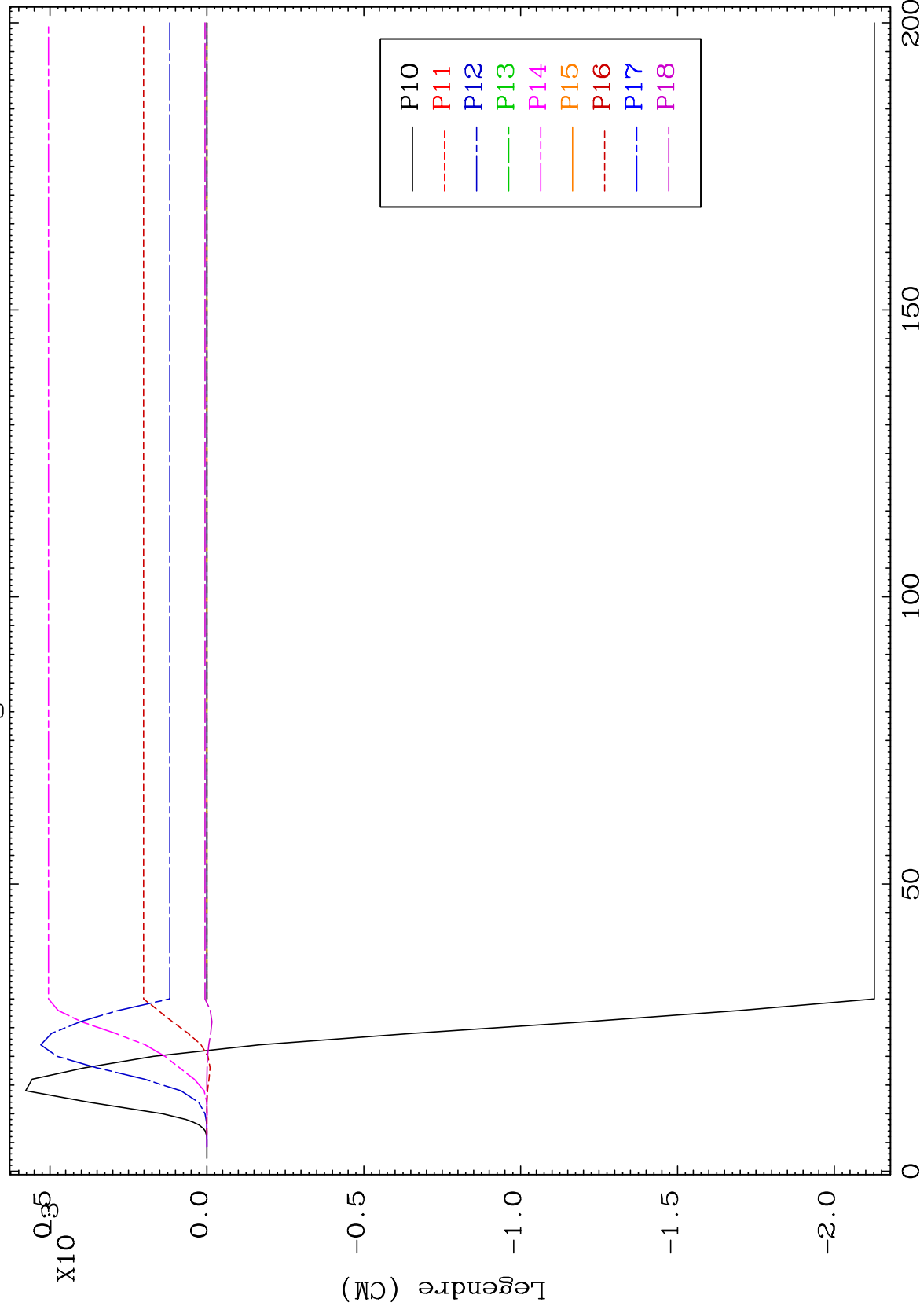


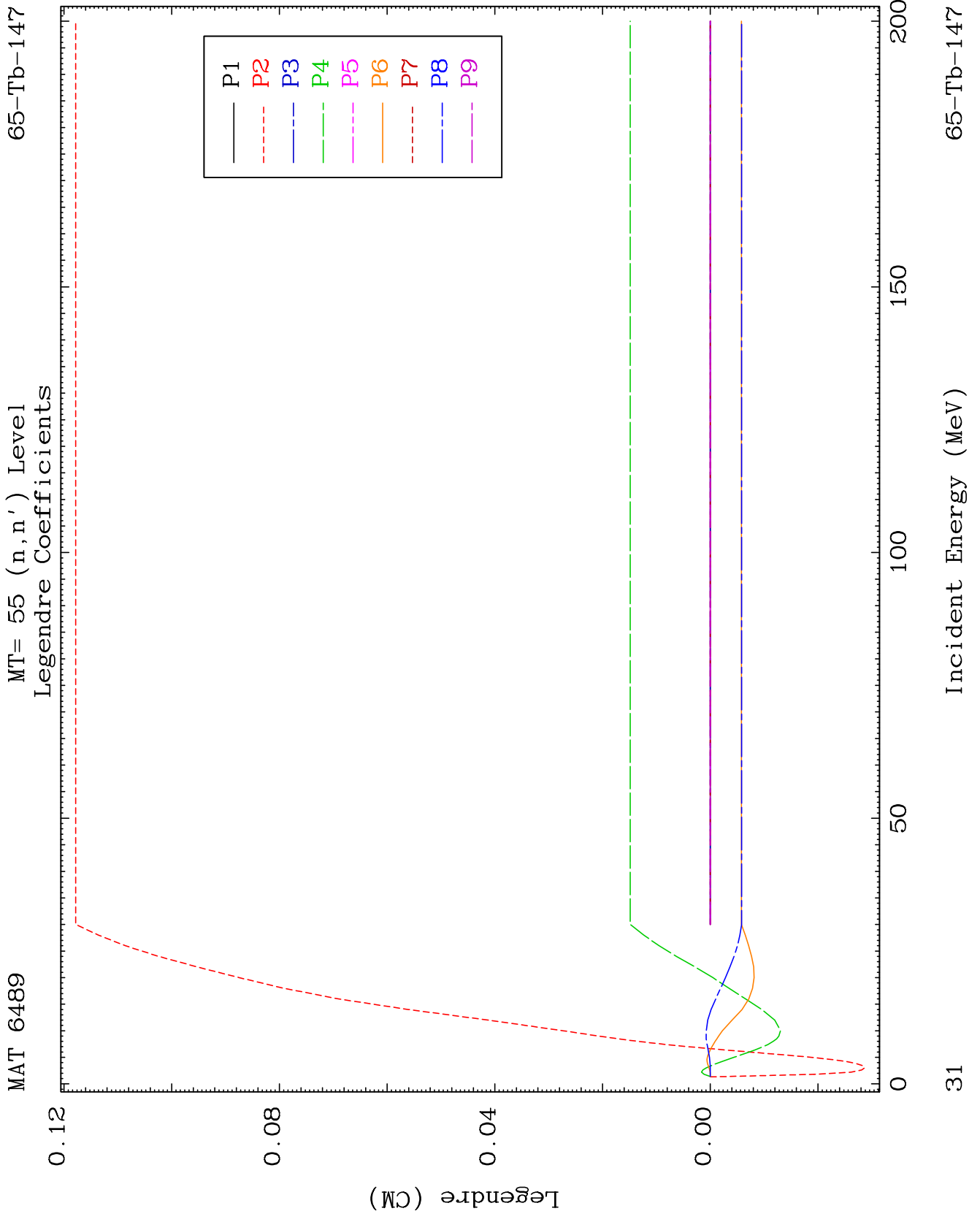
26

Incident Energy (MeV)

65-Tb-147



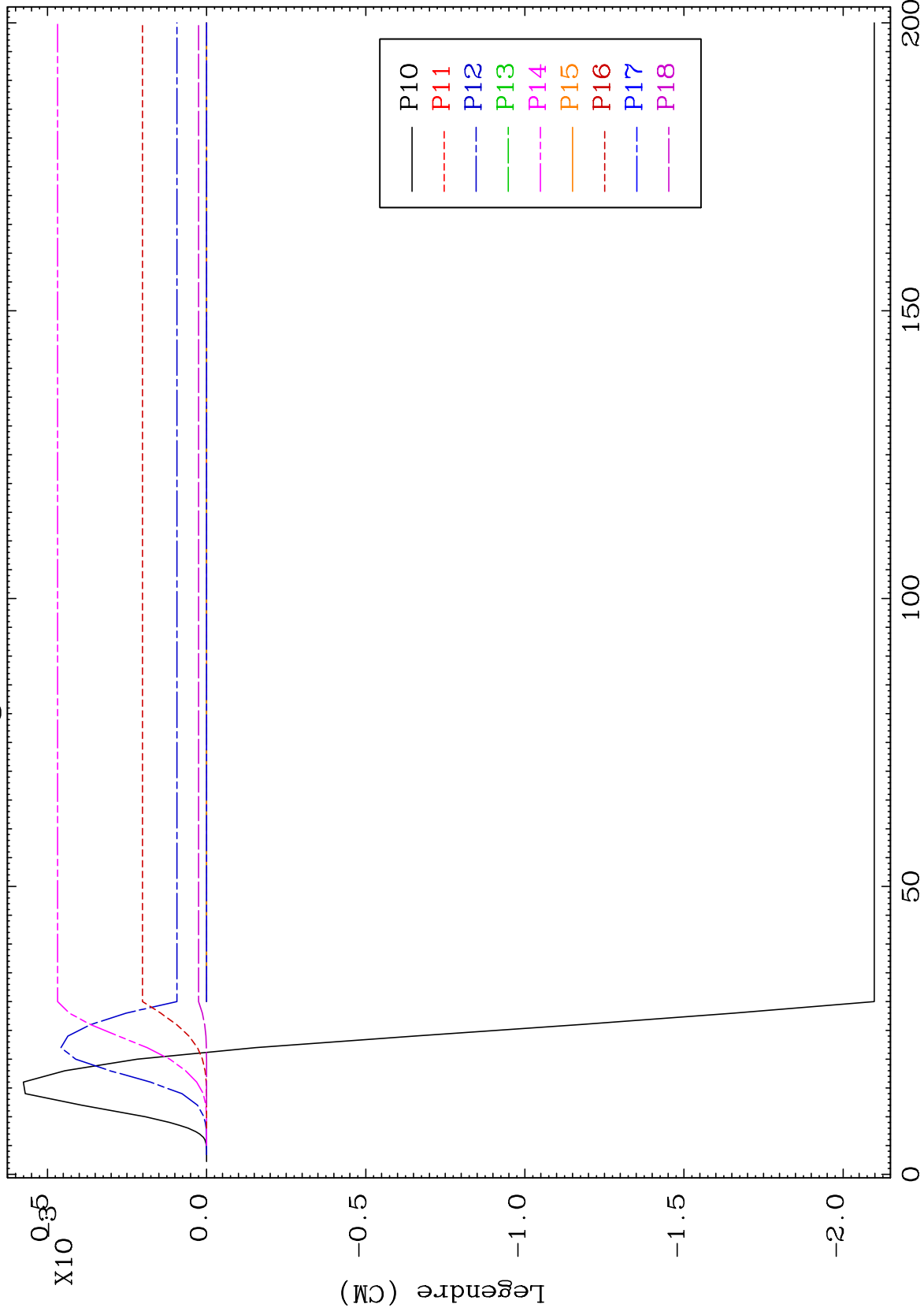




MAT 6489

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

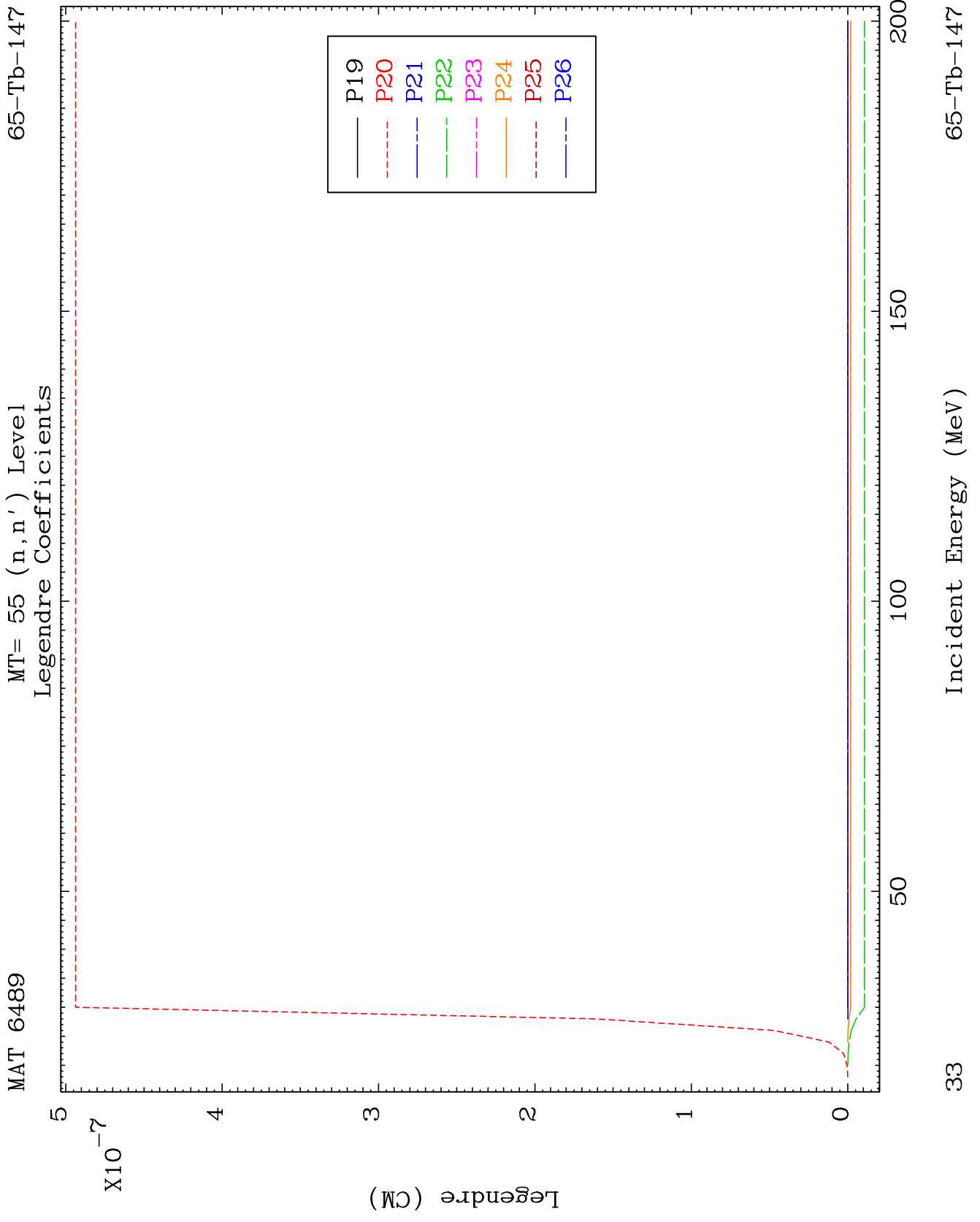
65-Tb-147



32

Incident Energy (MeV)

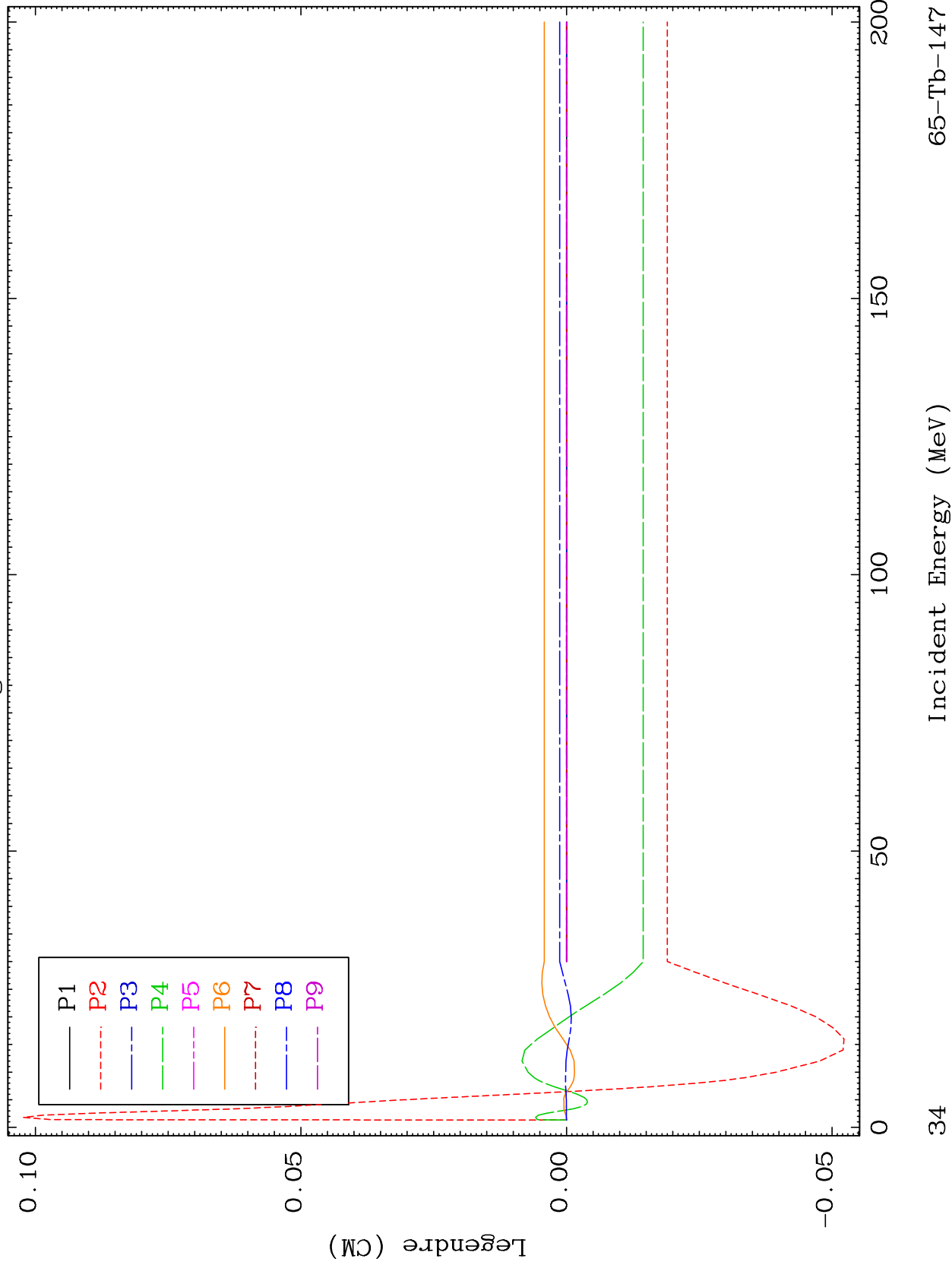
65-Tb-147



MAT 6489

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

65-Tb-147



34

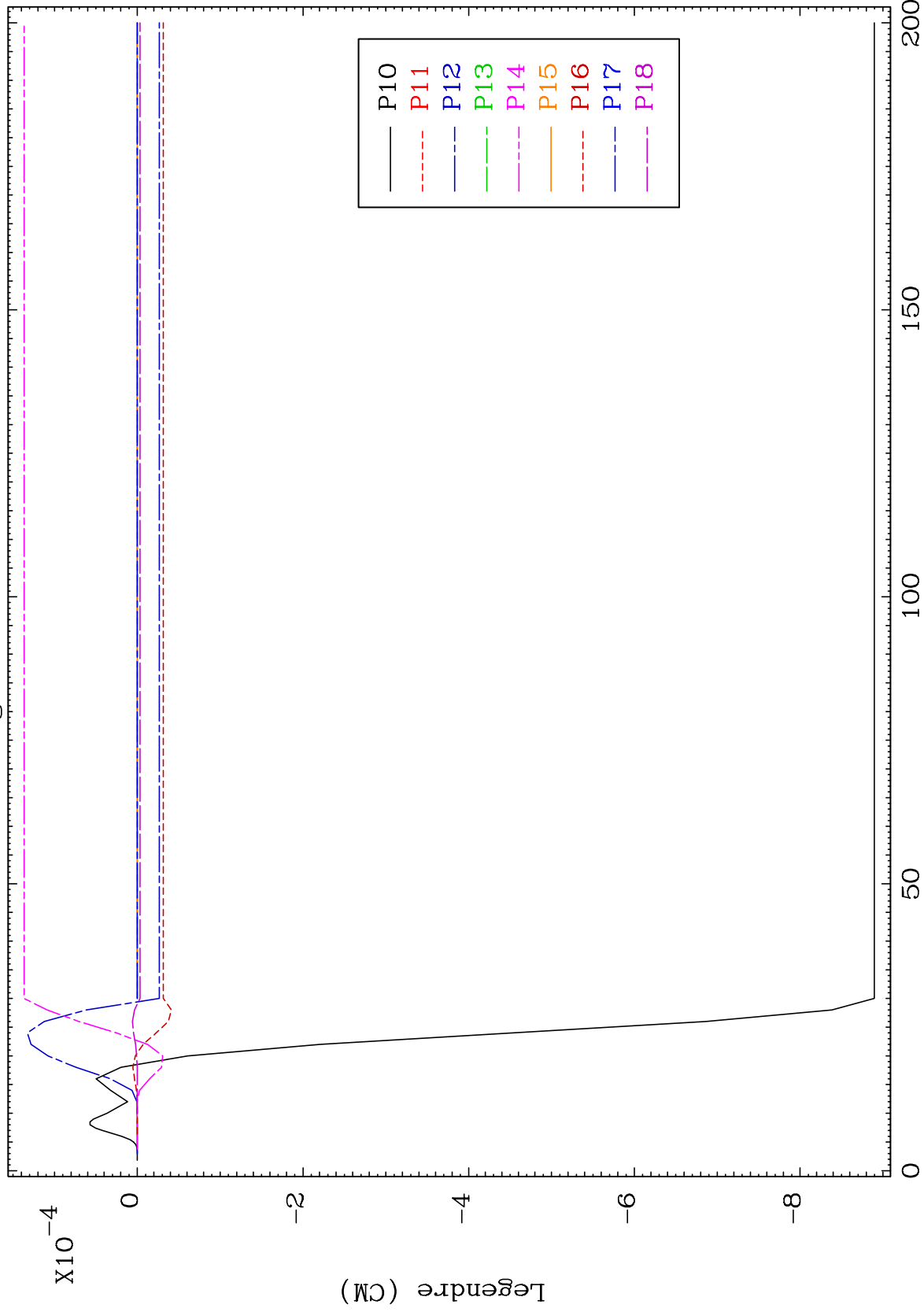
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

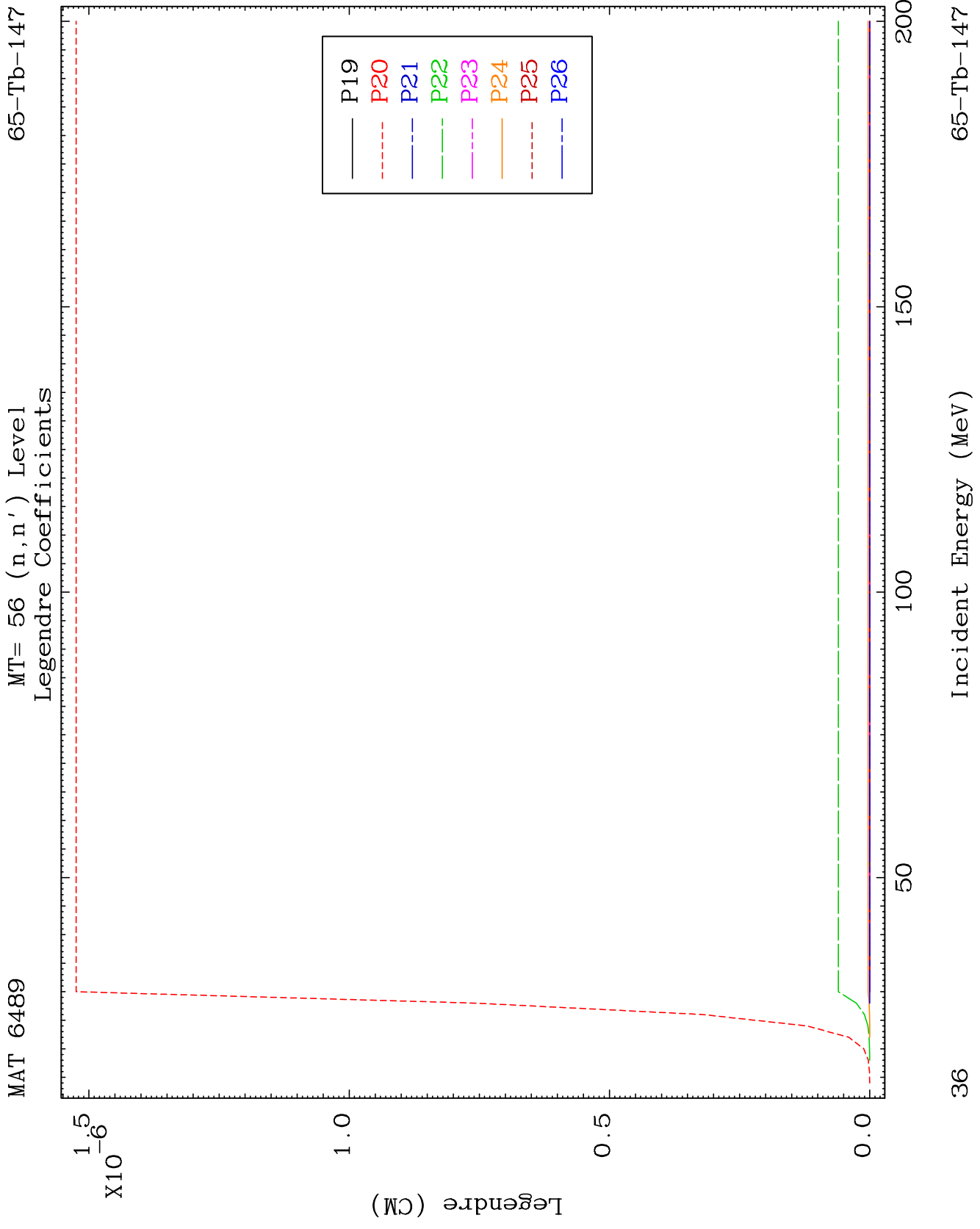
65-Tb-147



35

Incident Energy (MeV)

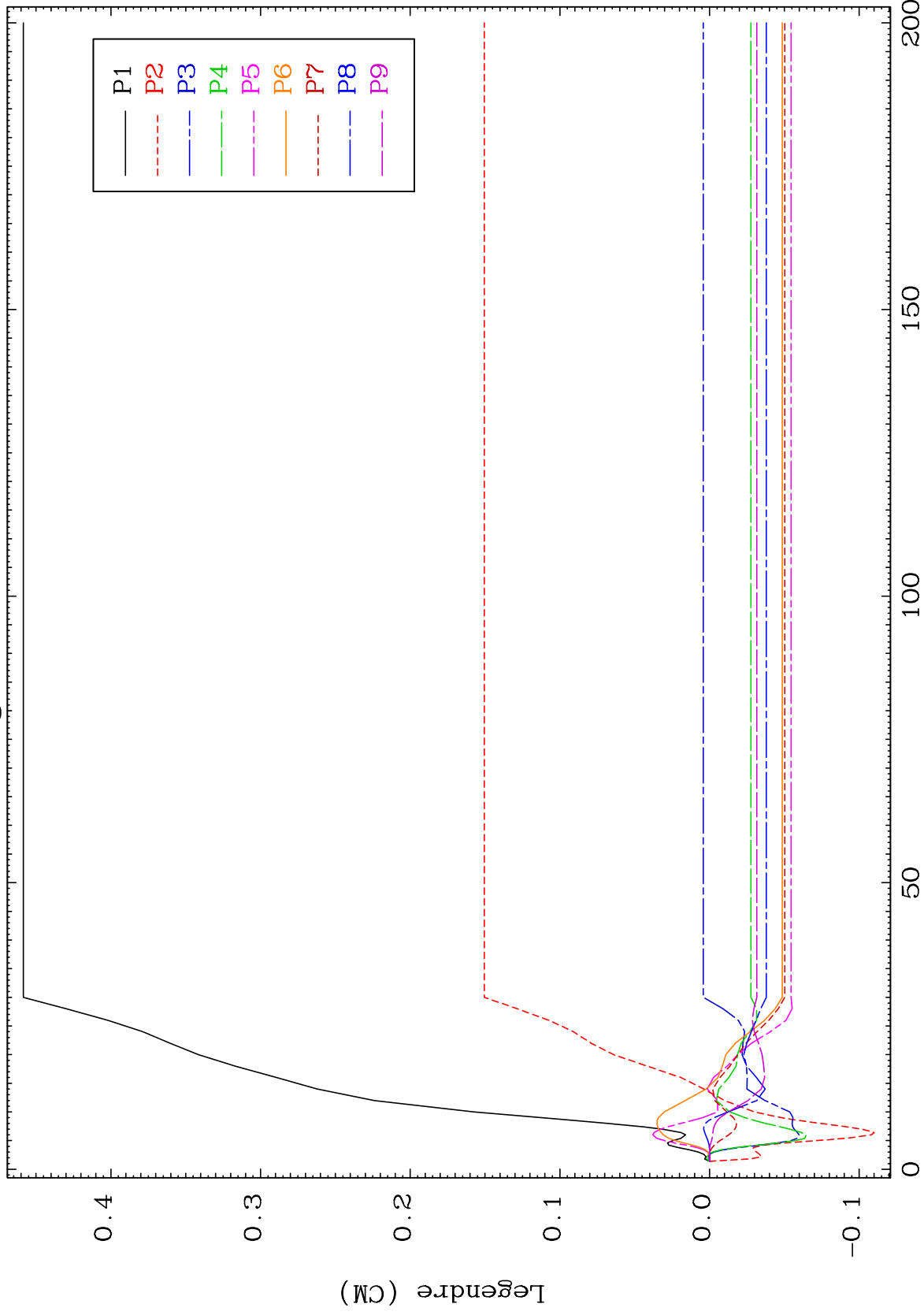
65-Tb-147



MAT 6489

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

65-Tb-147



37

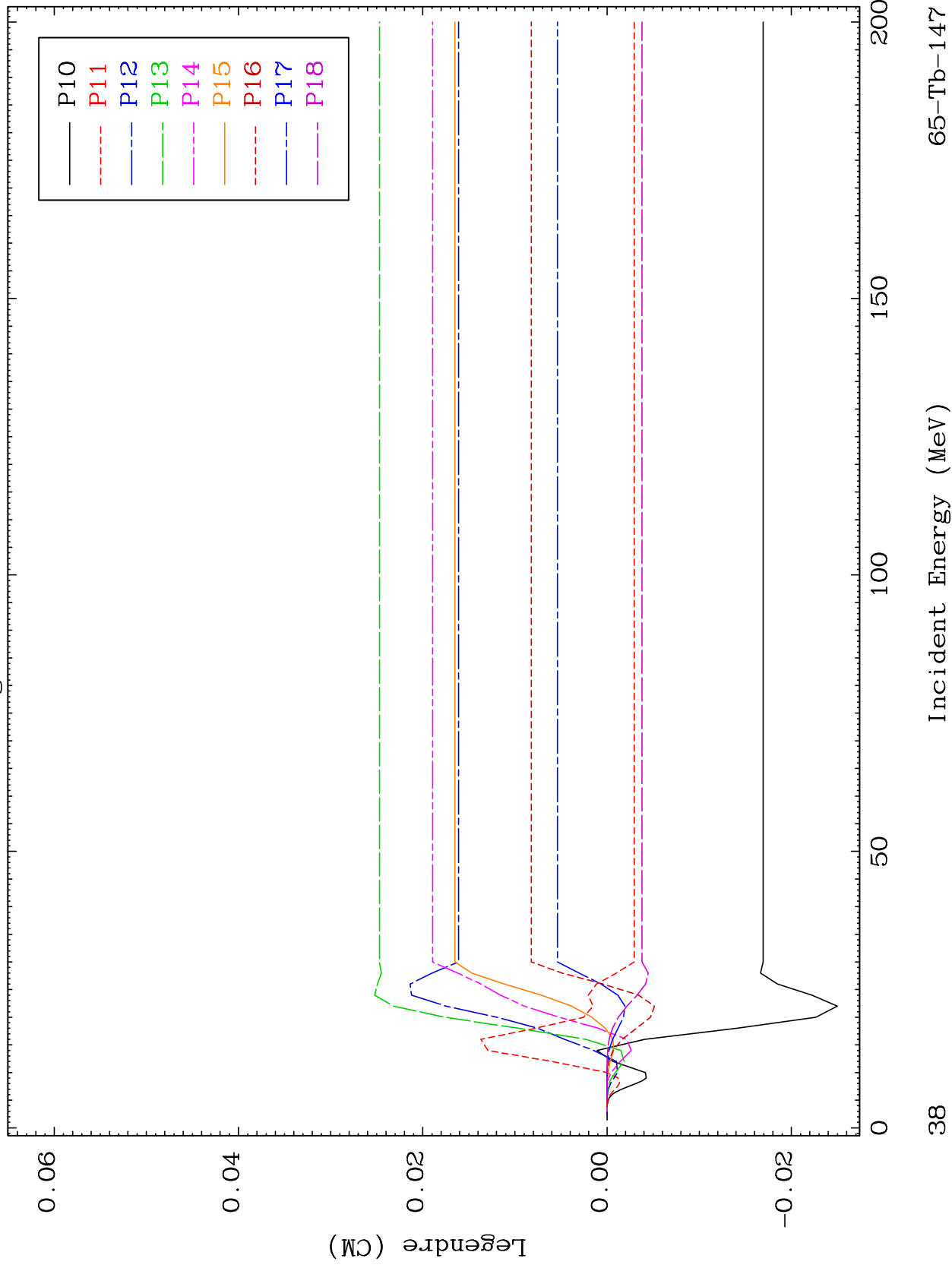
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



65-Tb-147

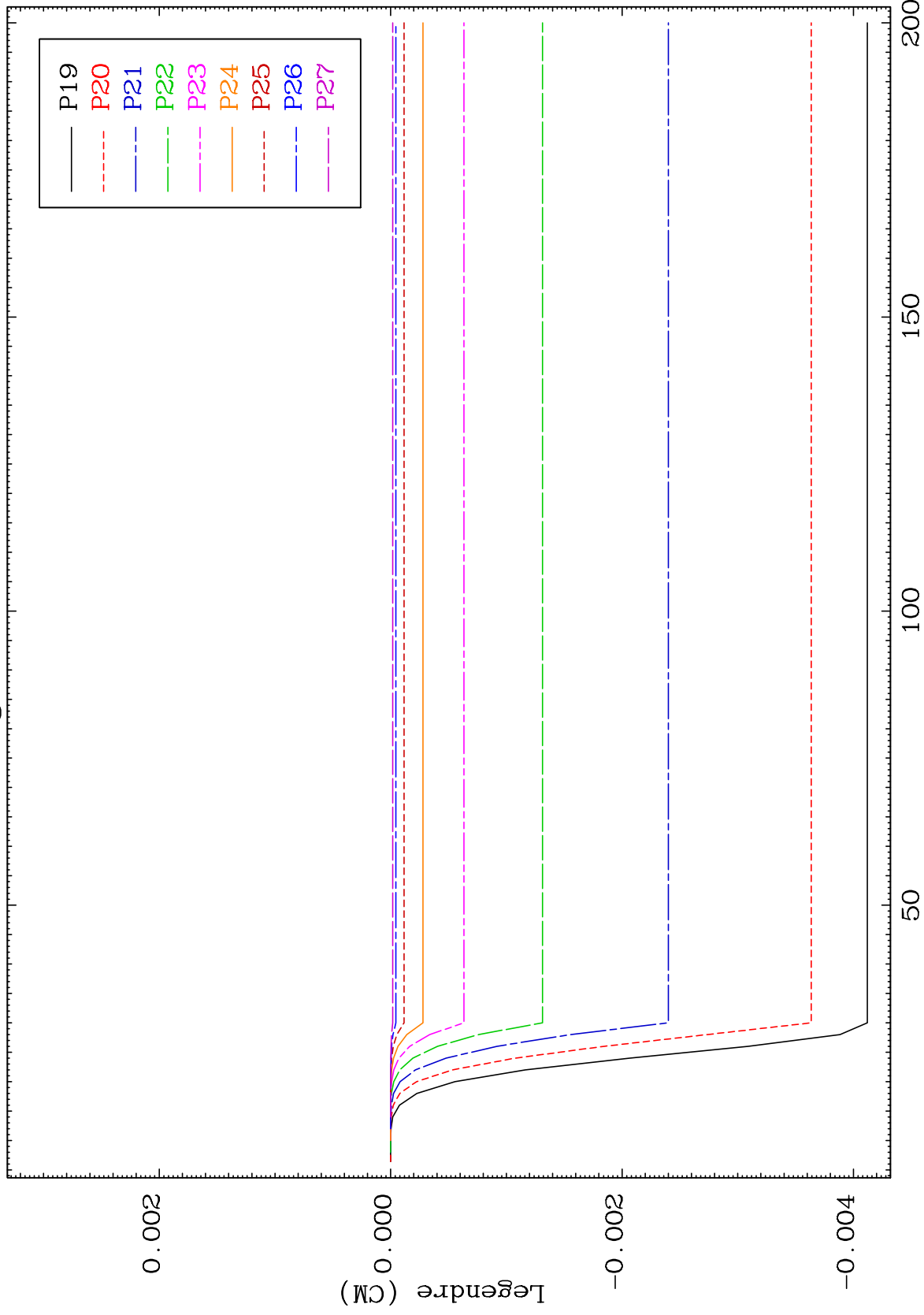
Incident Energy (MeV)

38

MAT 6489

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

65-Tb-147



39

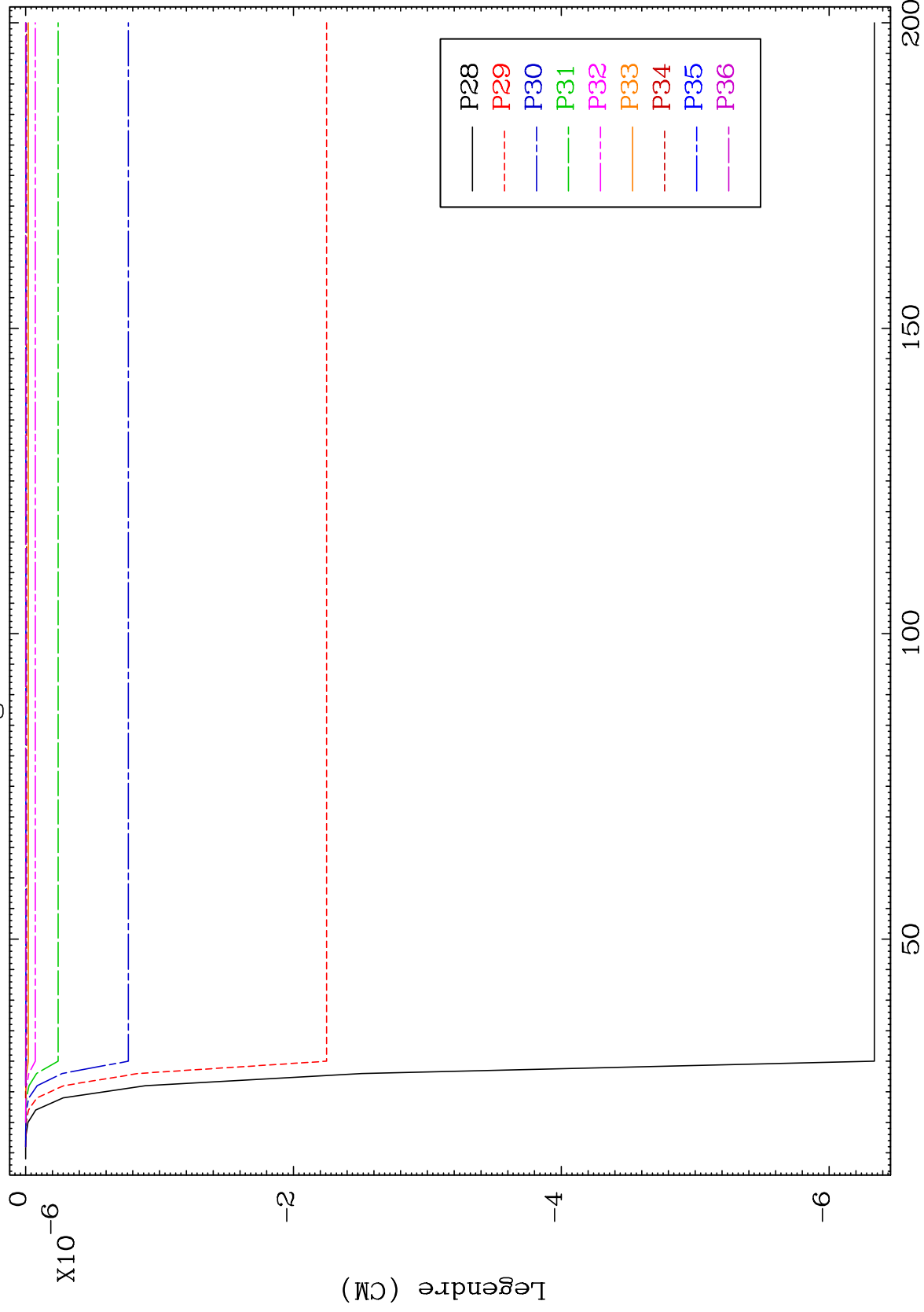
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



40

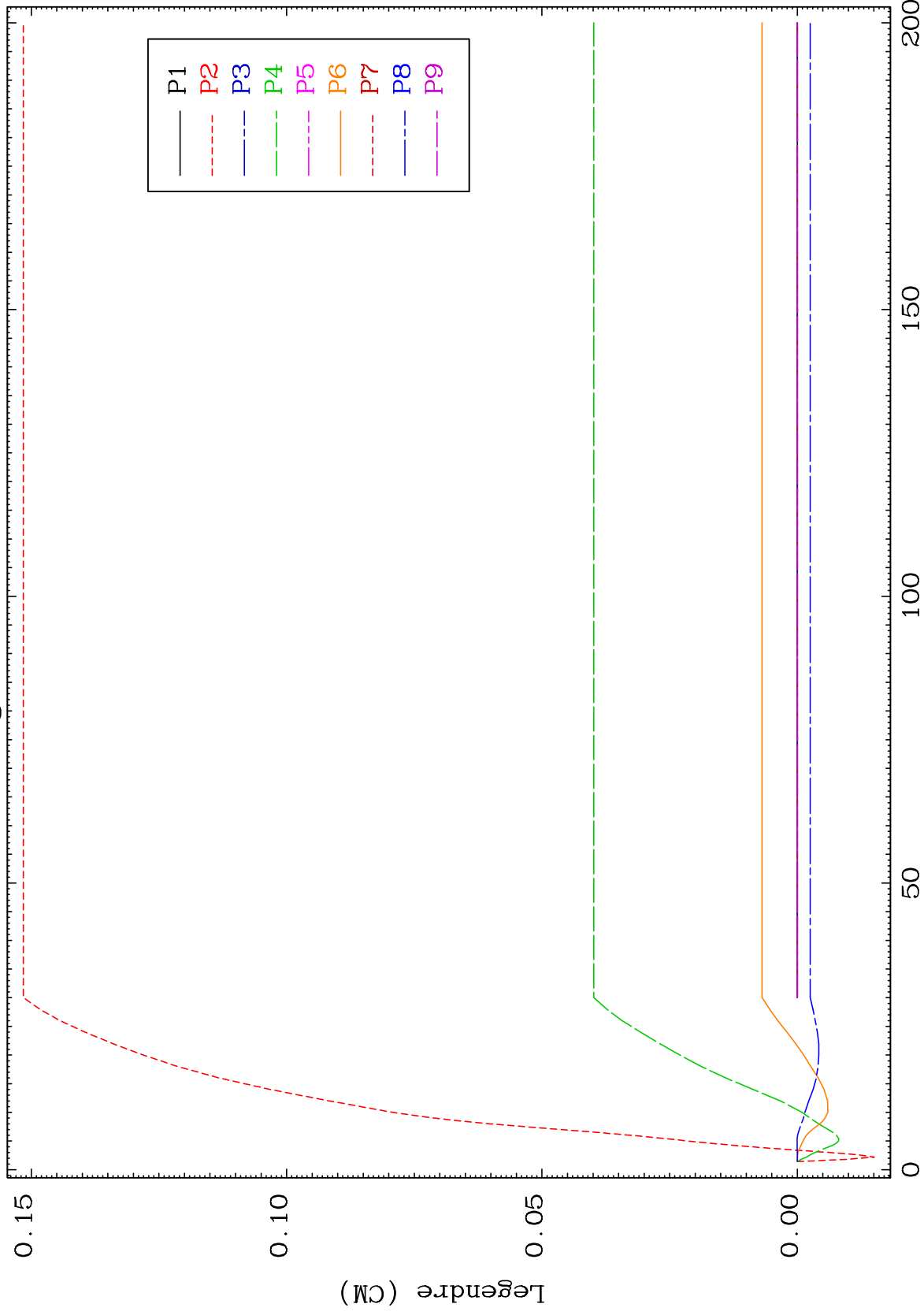
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



41

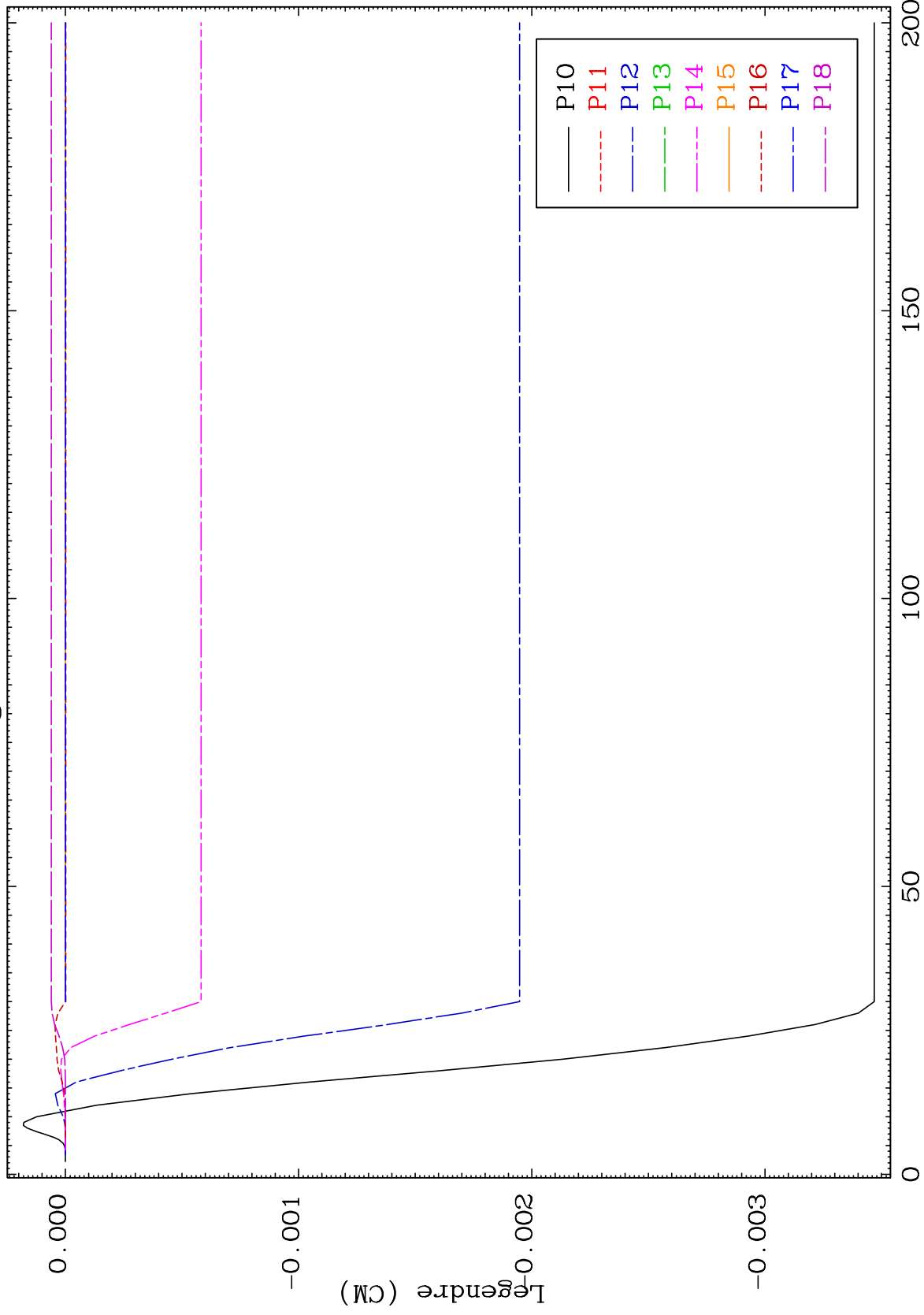
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



42

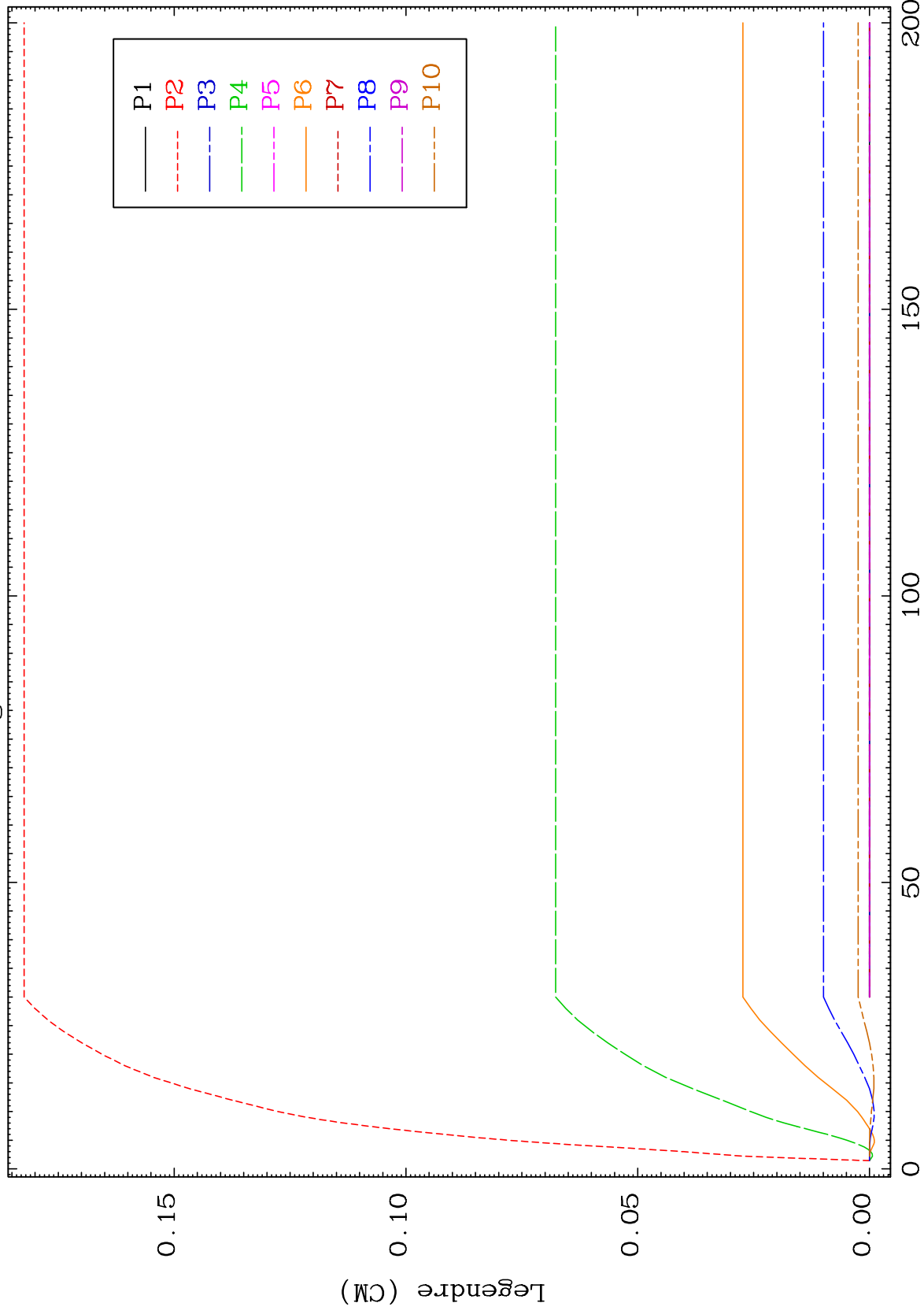
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



44

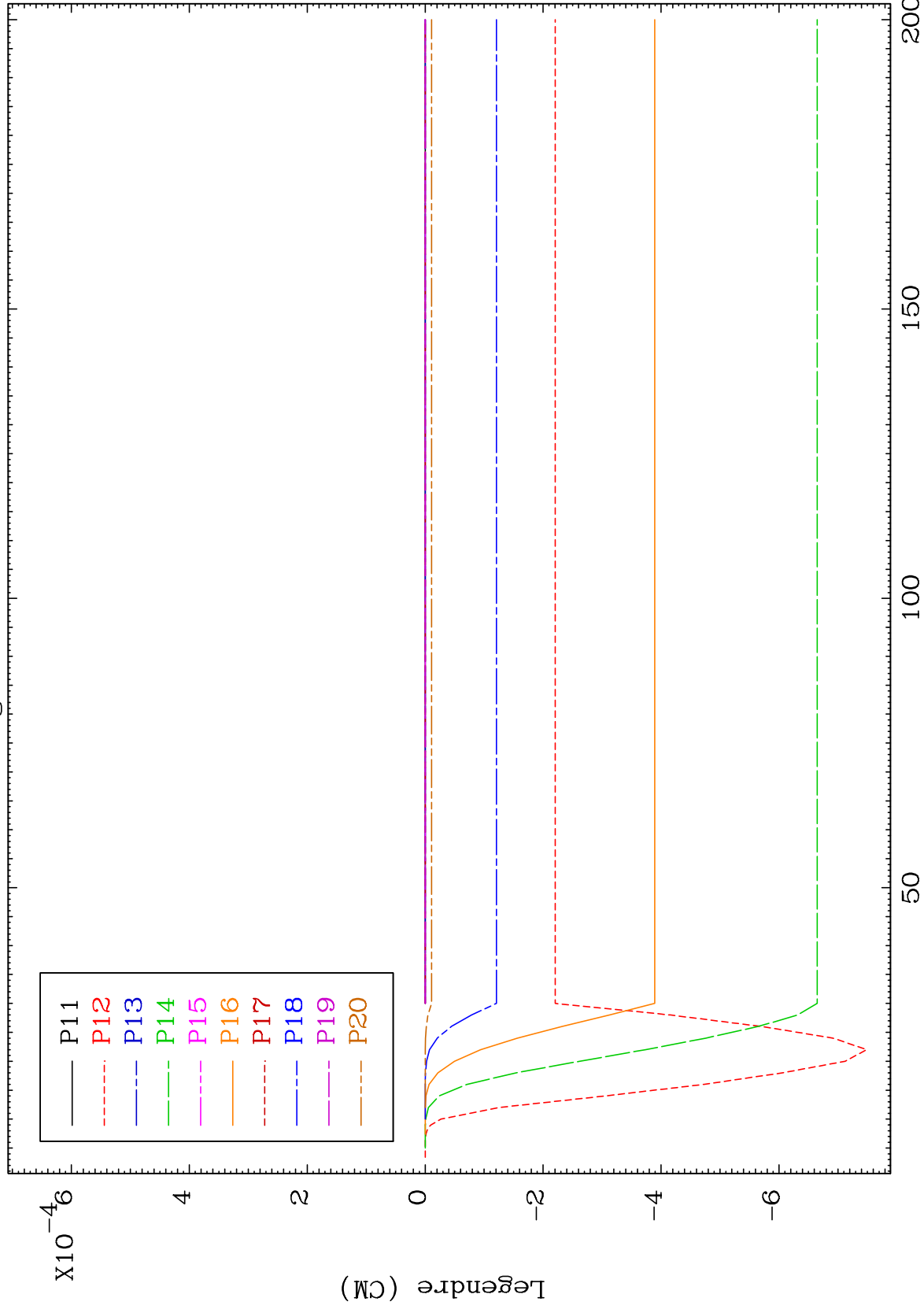
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

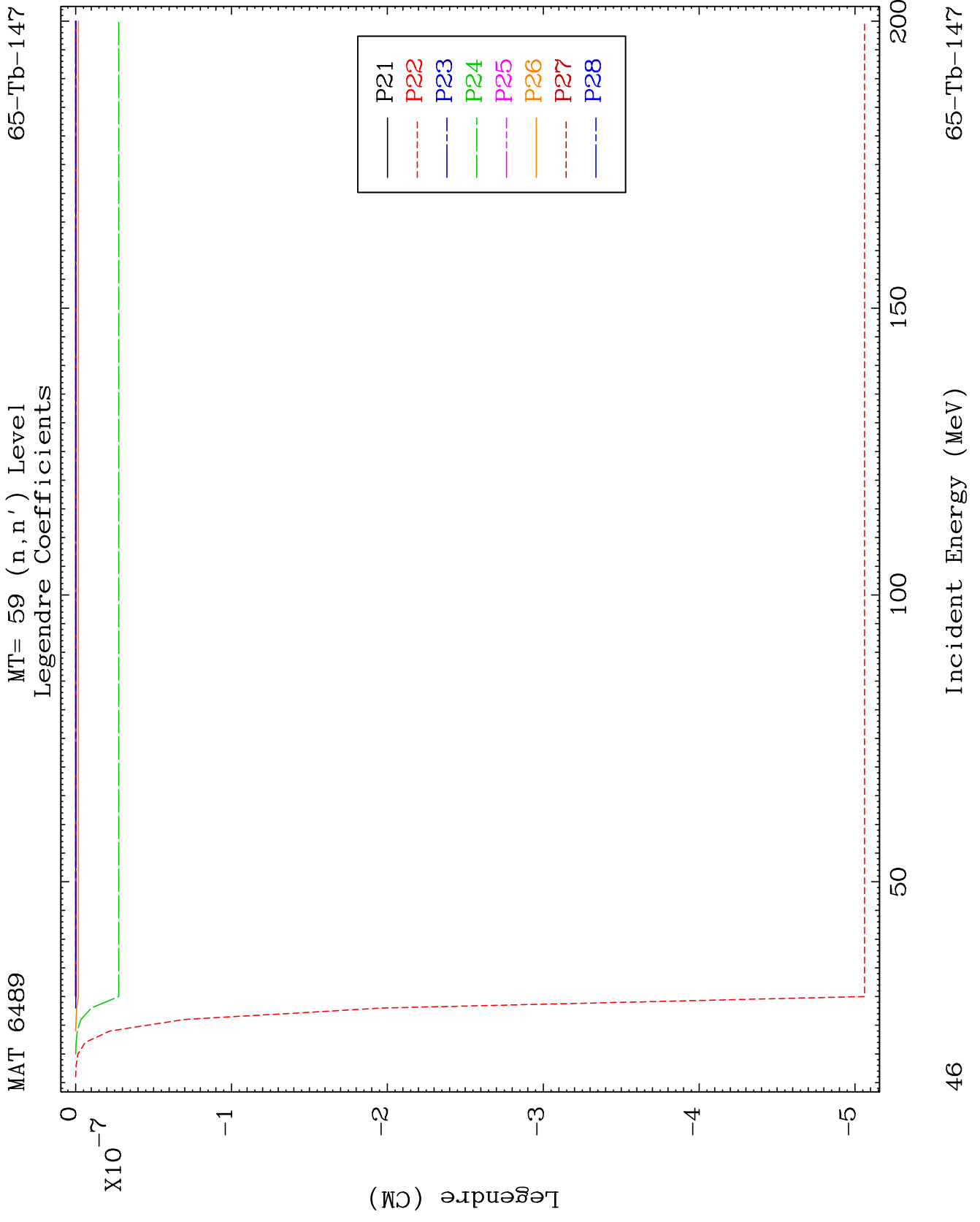
65-Tb-147



45

Incident Energy (MeV)

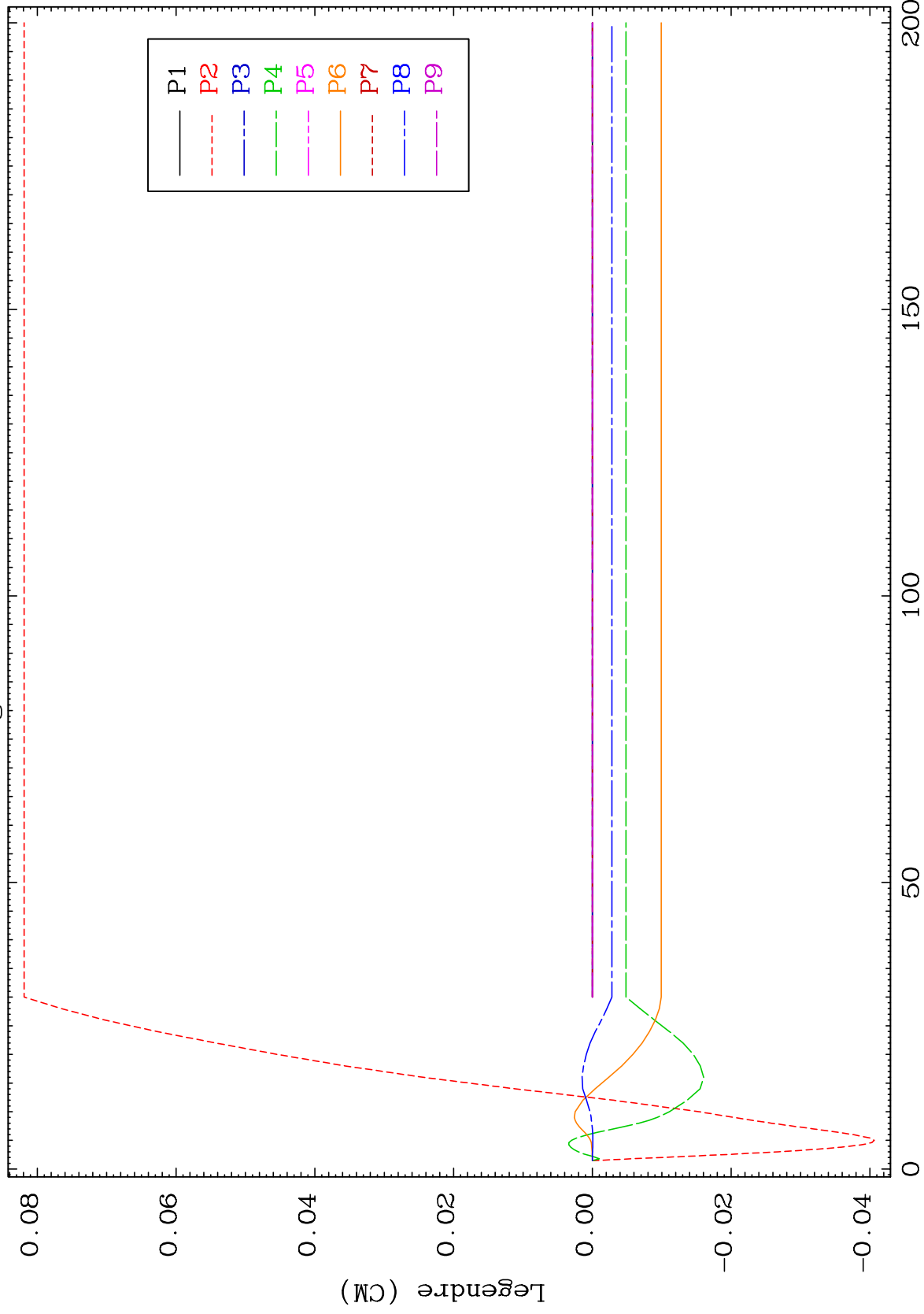
65-Tb-147



MAT 6489

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

65-Tb-147



47

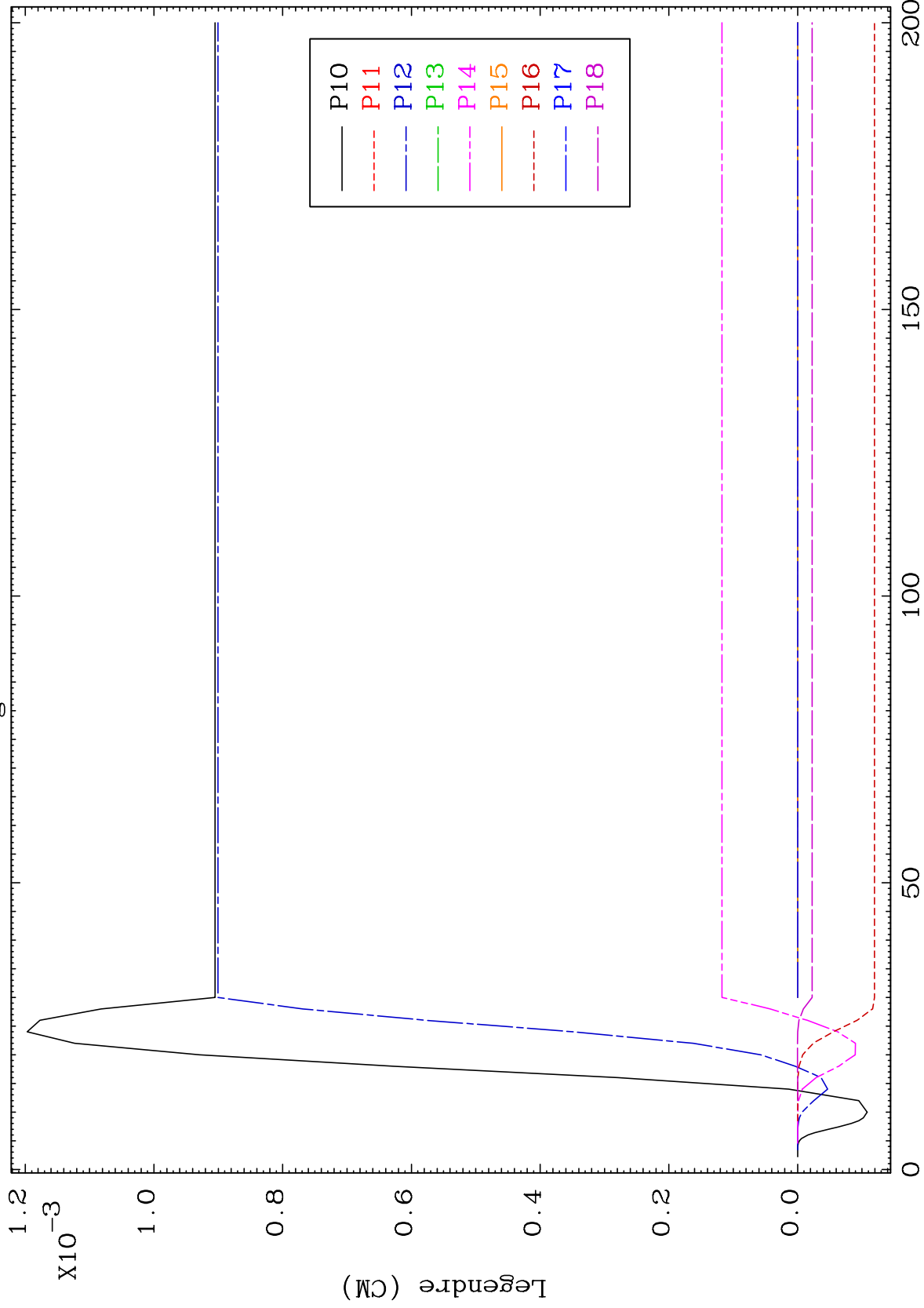
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

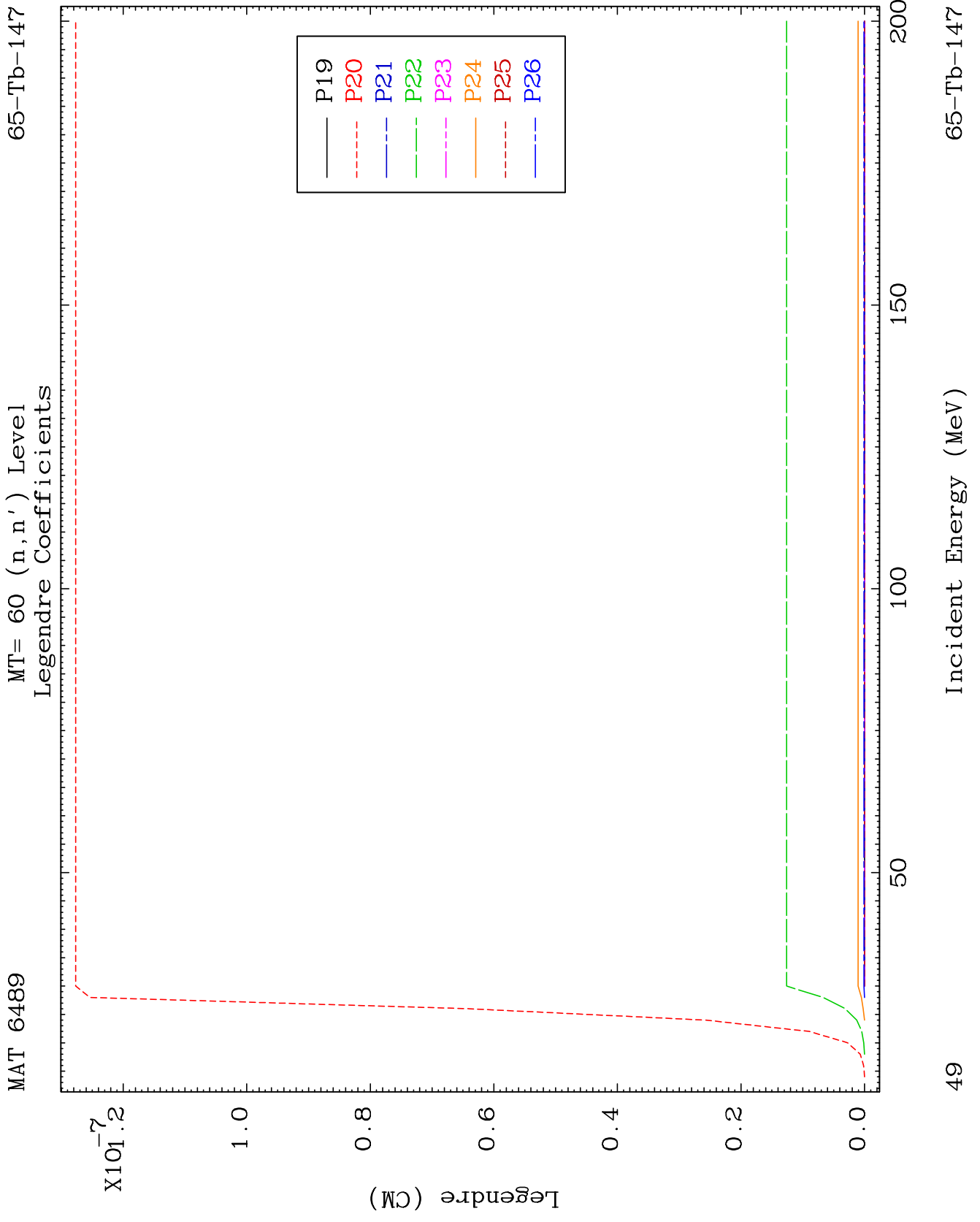
65-Tb-147

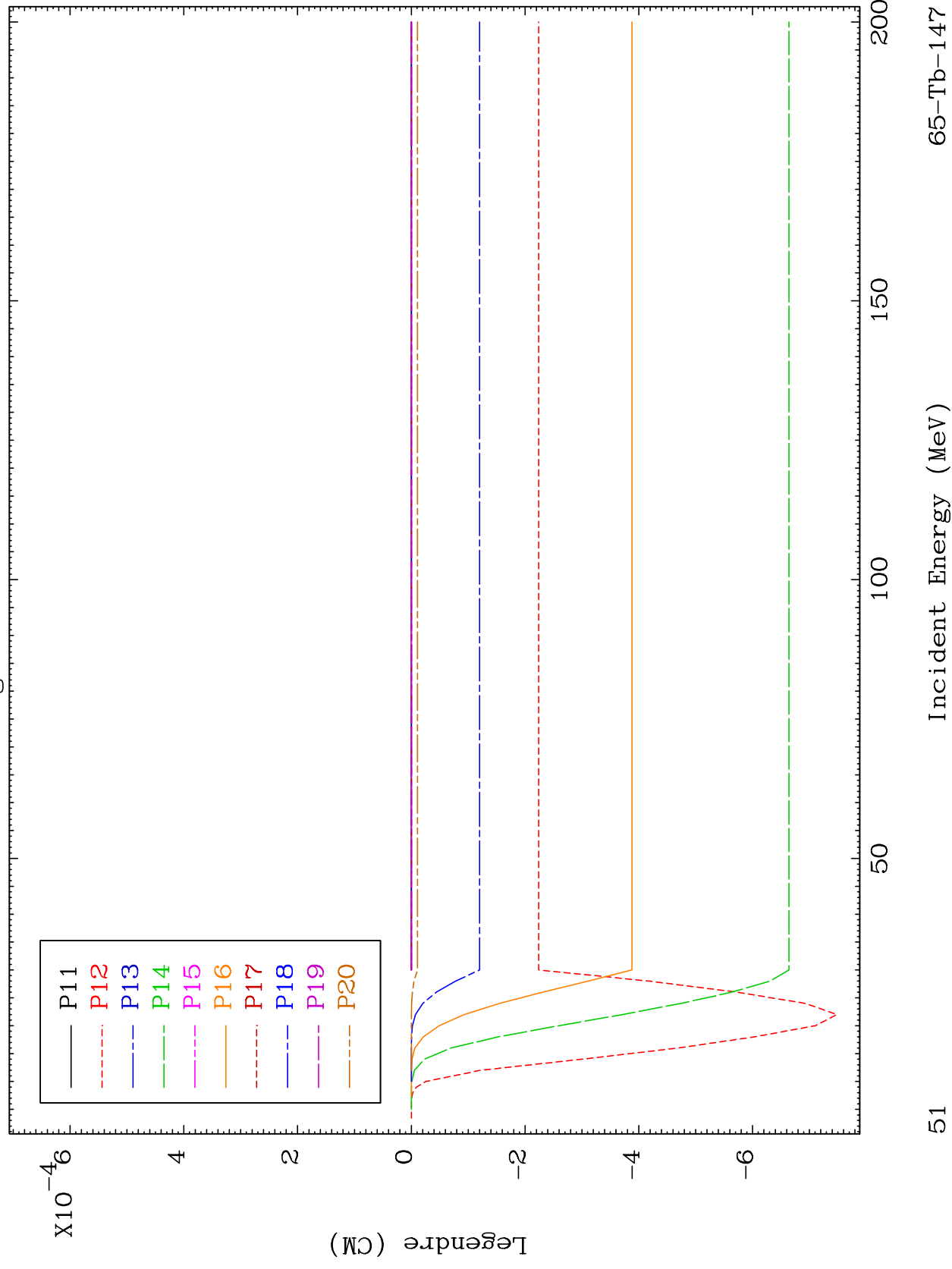


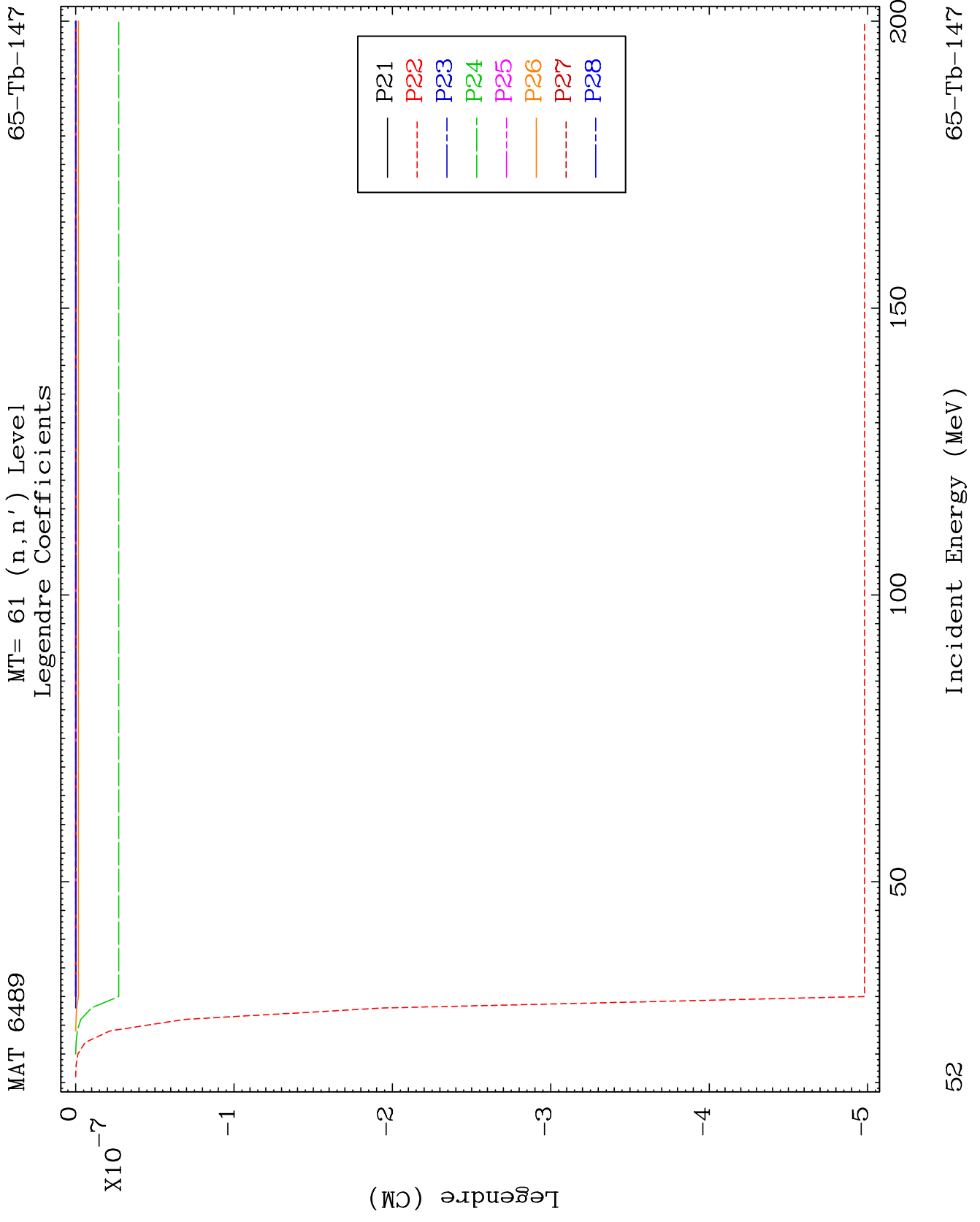
48

Incident Energy (MeV)

65-Tb-147



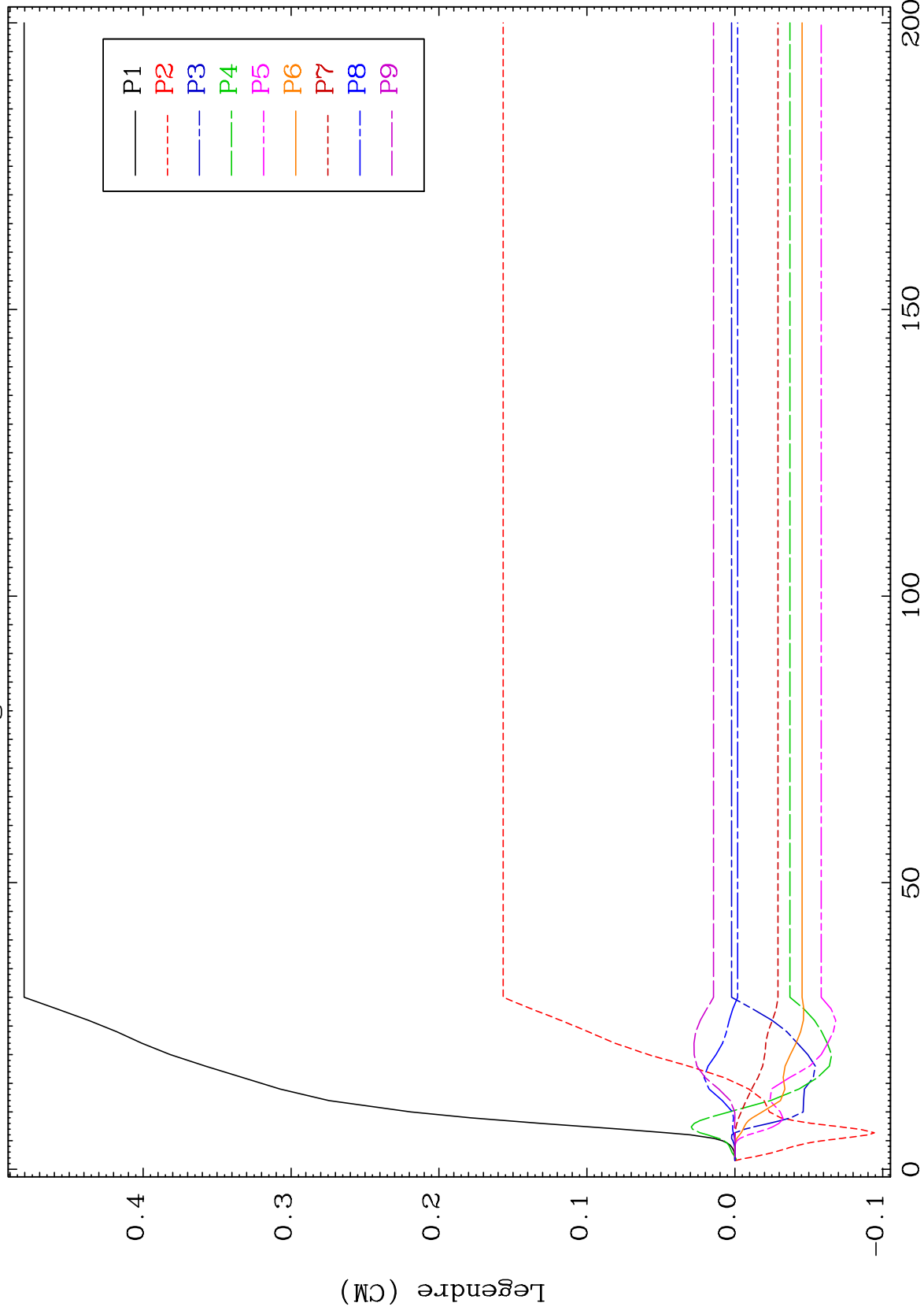




MAT 6489

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

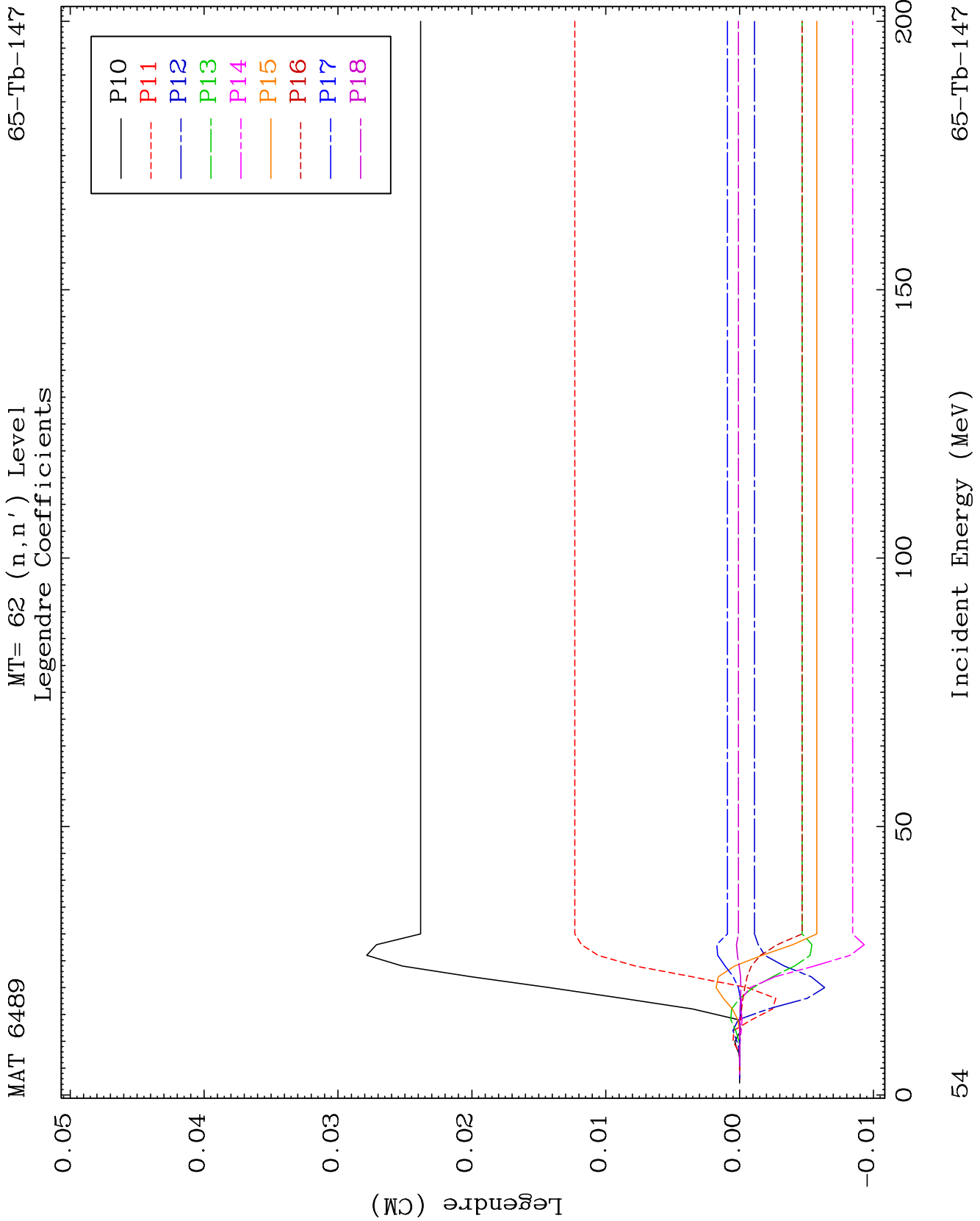
65-Tb-147



53

Incident Energy (MeV)

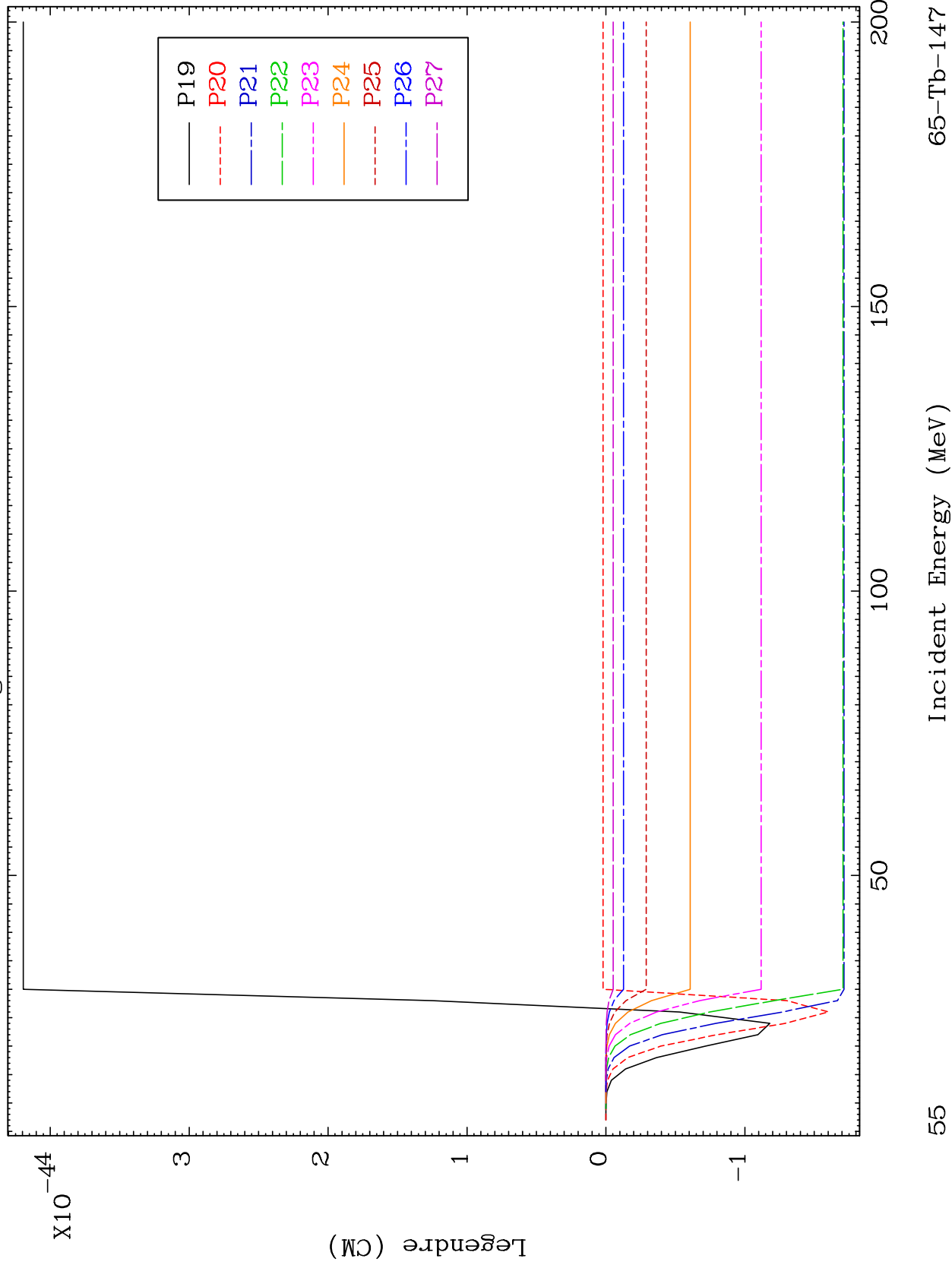
65-Tb-147

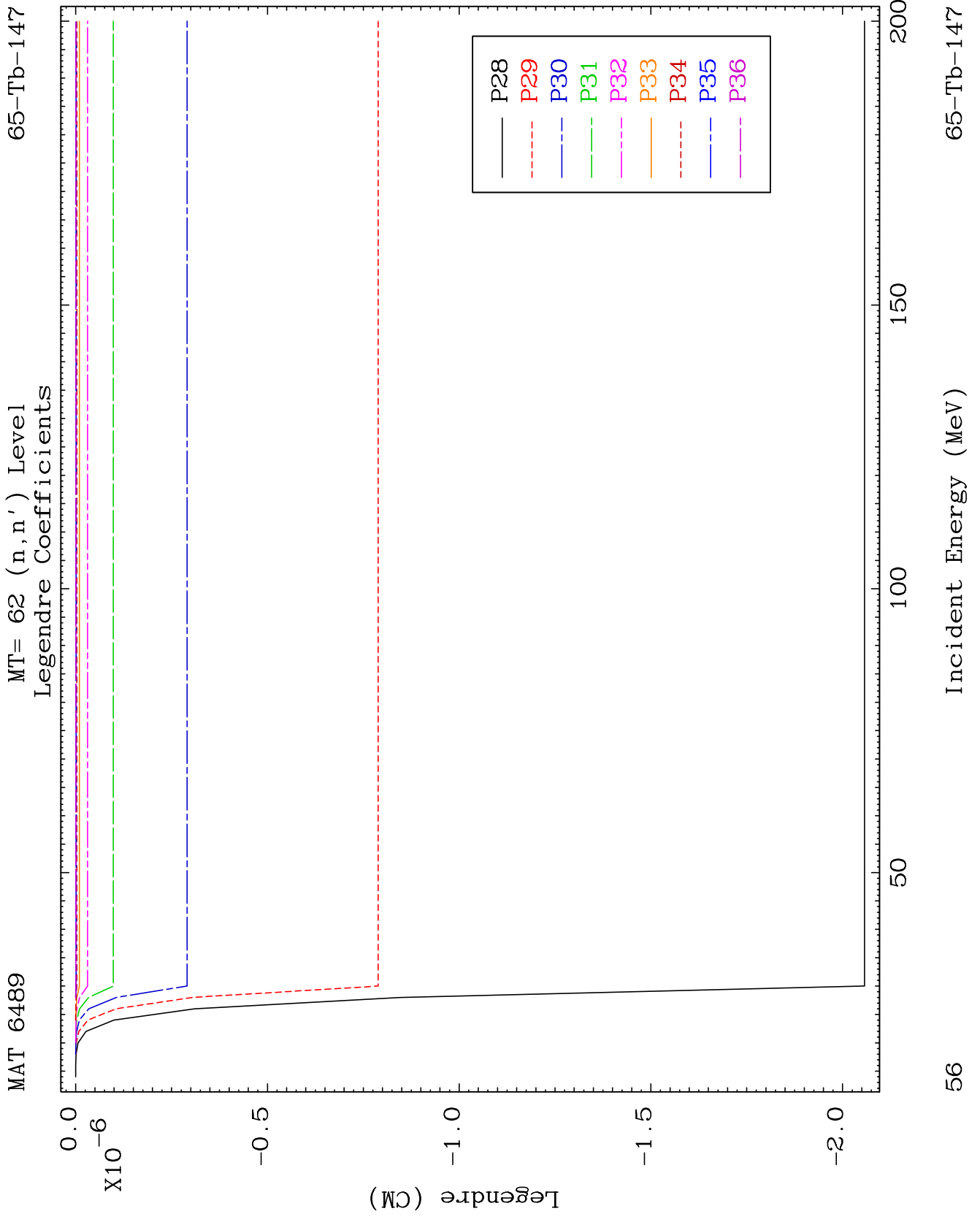


MAT 6489

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

65-Tb-147

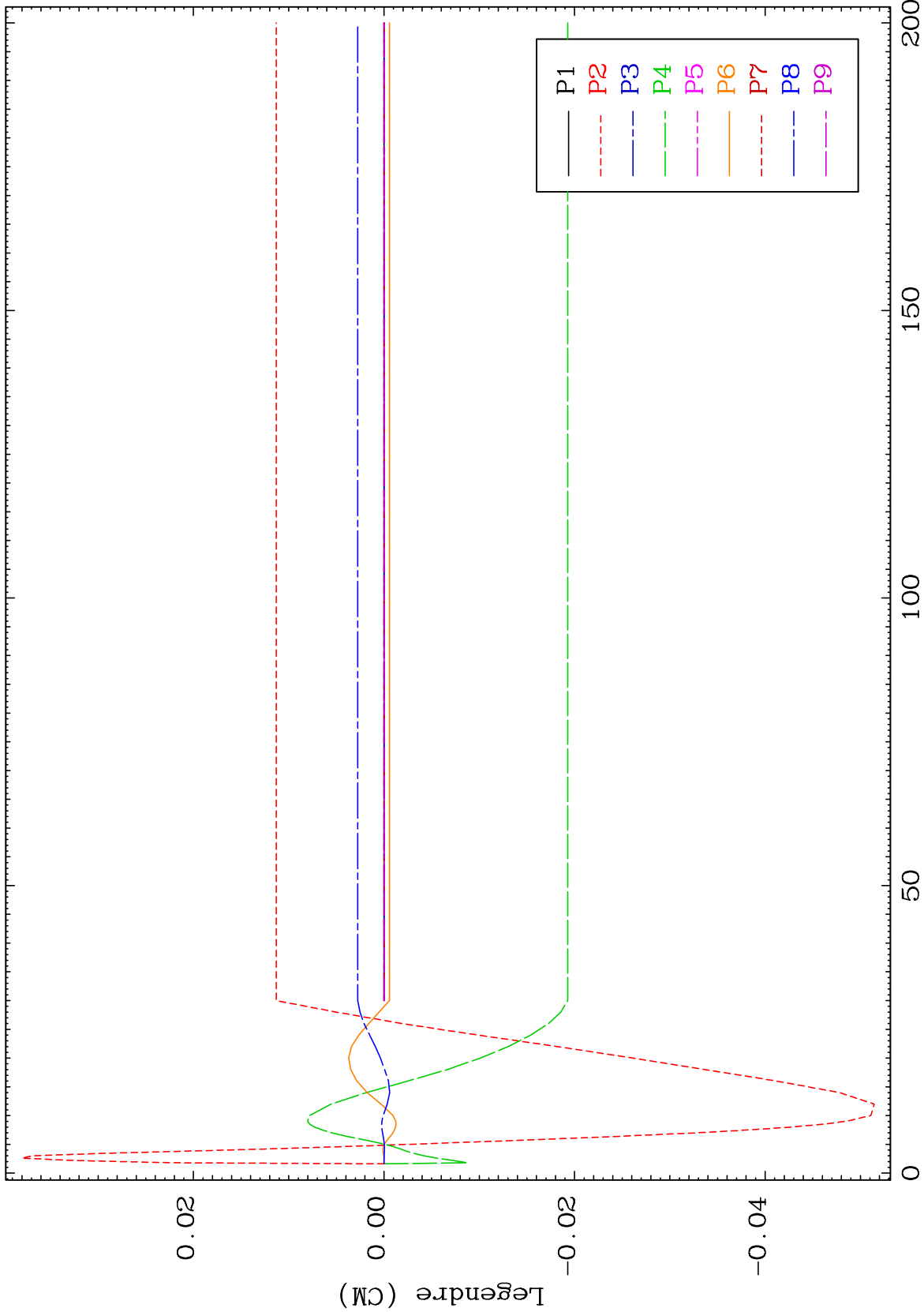




MAT 6489

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

65-Tb-147



57

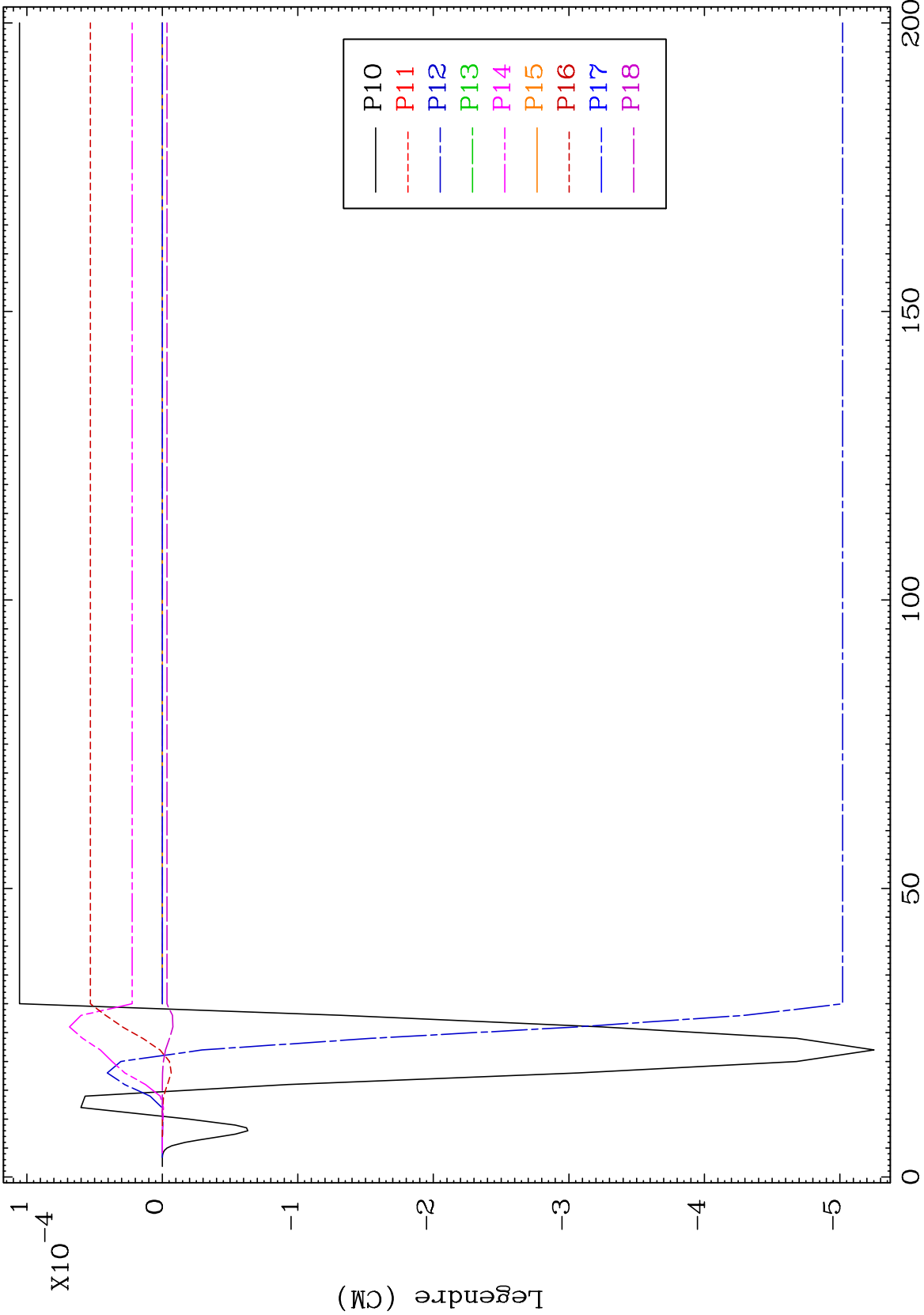
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

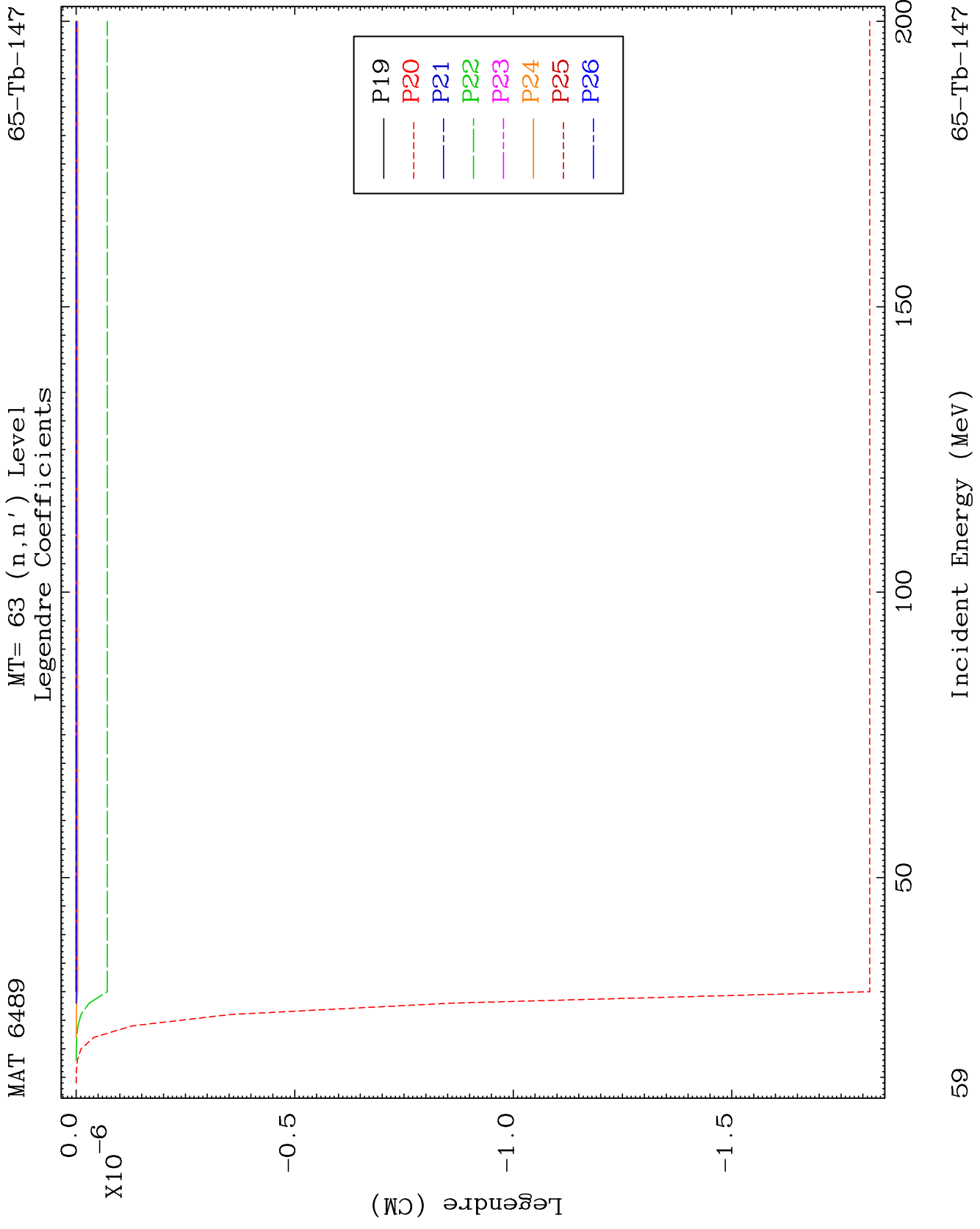
65-Tb-147



58

Incident Energy (MeV)

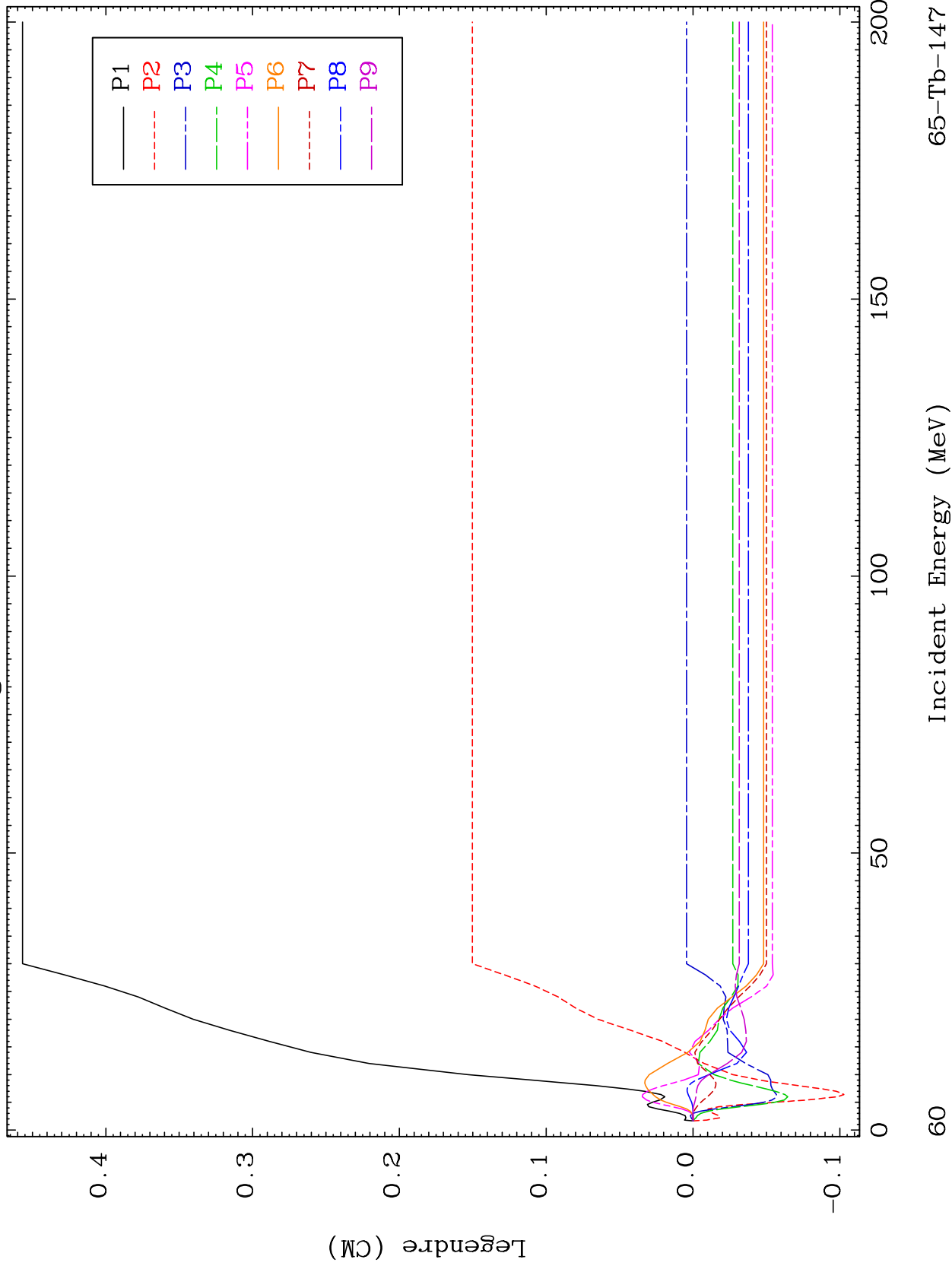
65-Tb-147



MAT 6489

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

65-Tb-147



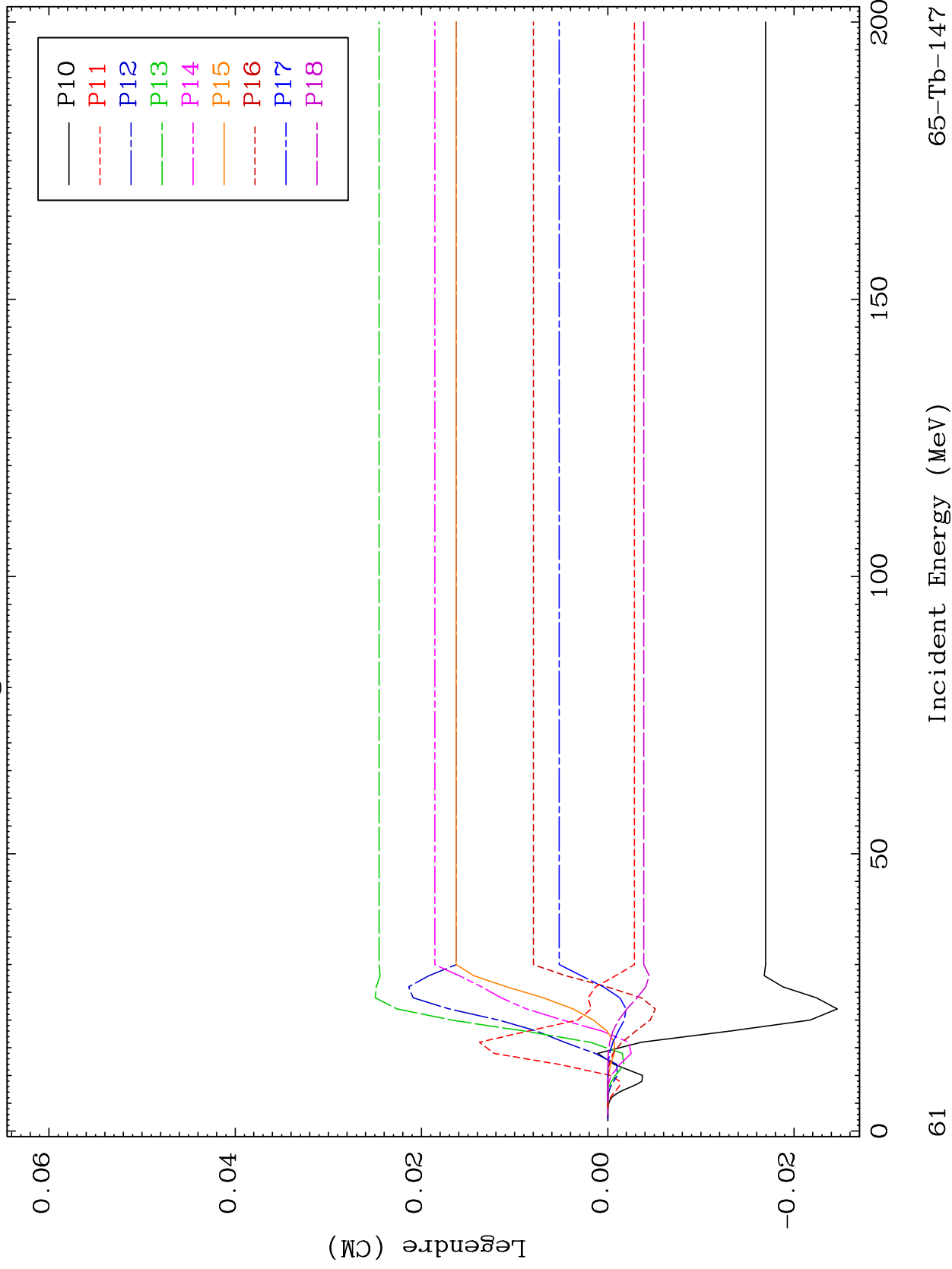
65-Tb-147

Incident Energy (MeV)

MAT 6489

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

65-Tb-147



65-Tb-147

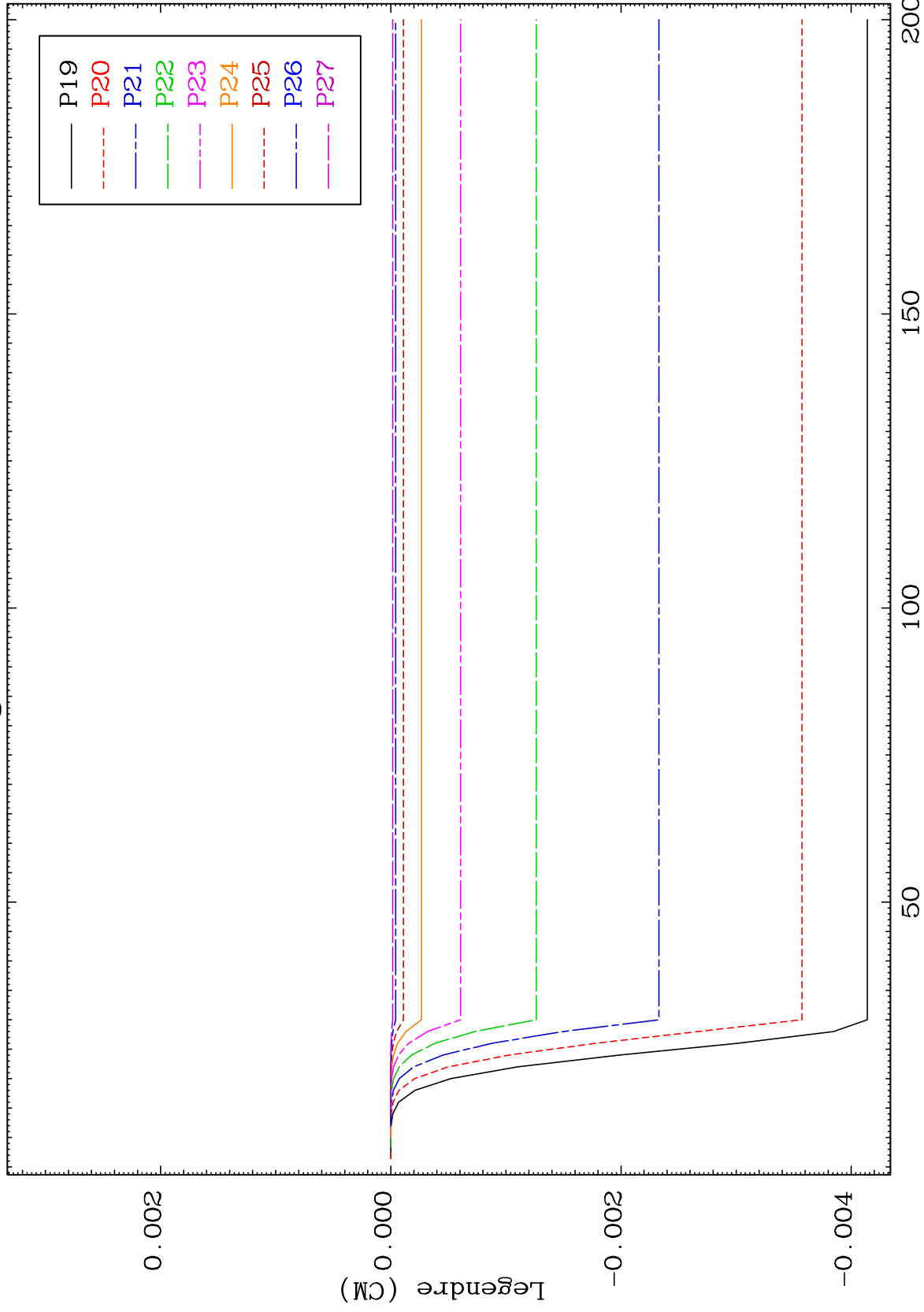
Incident Energy (MeV)

61

MAT 6489

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

65-Tb-147



62

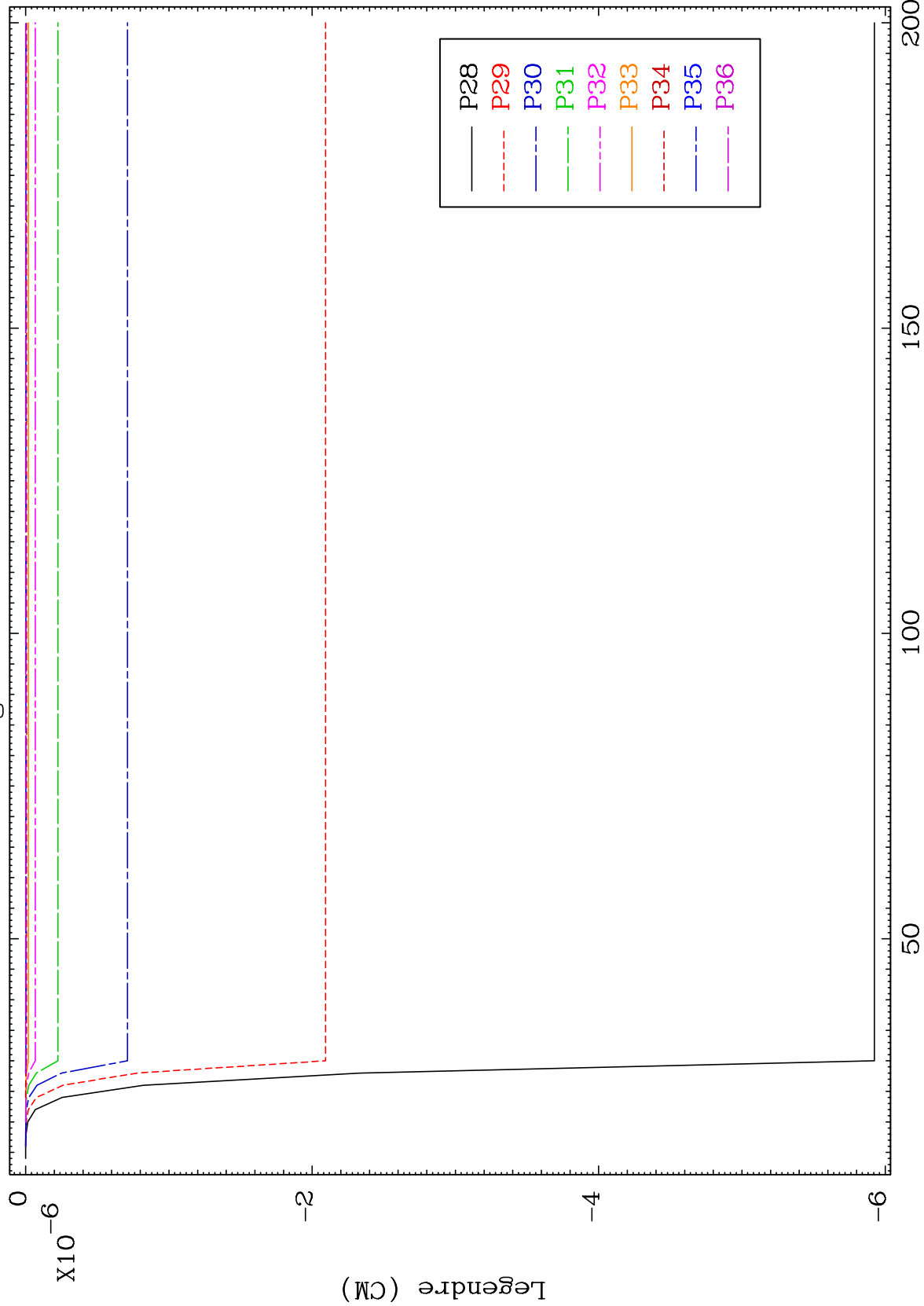
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

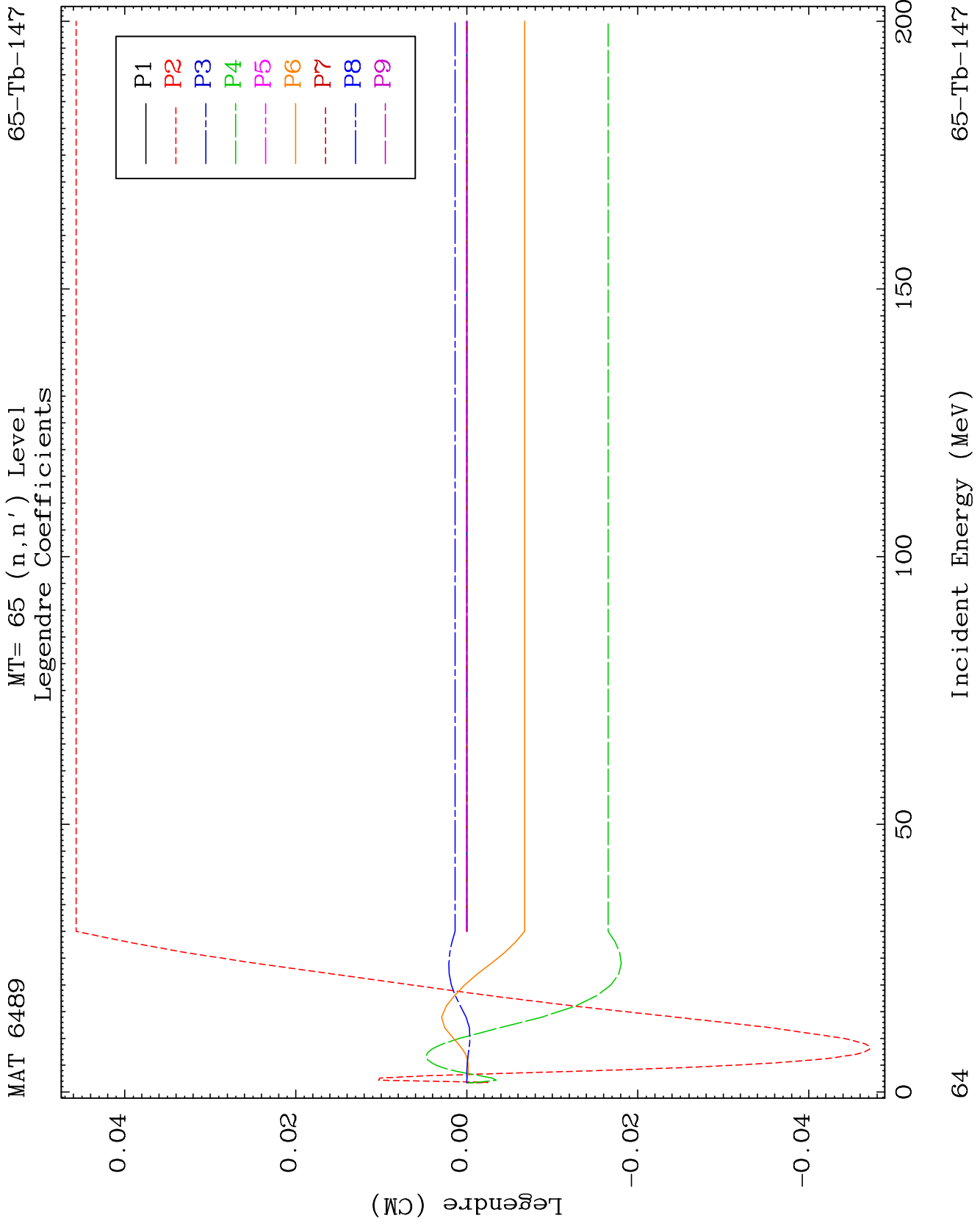
65-Tb-147



63

Incident Energy (MeV)

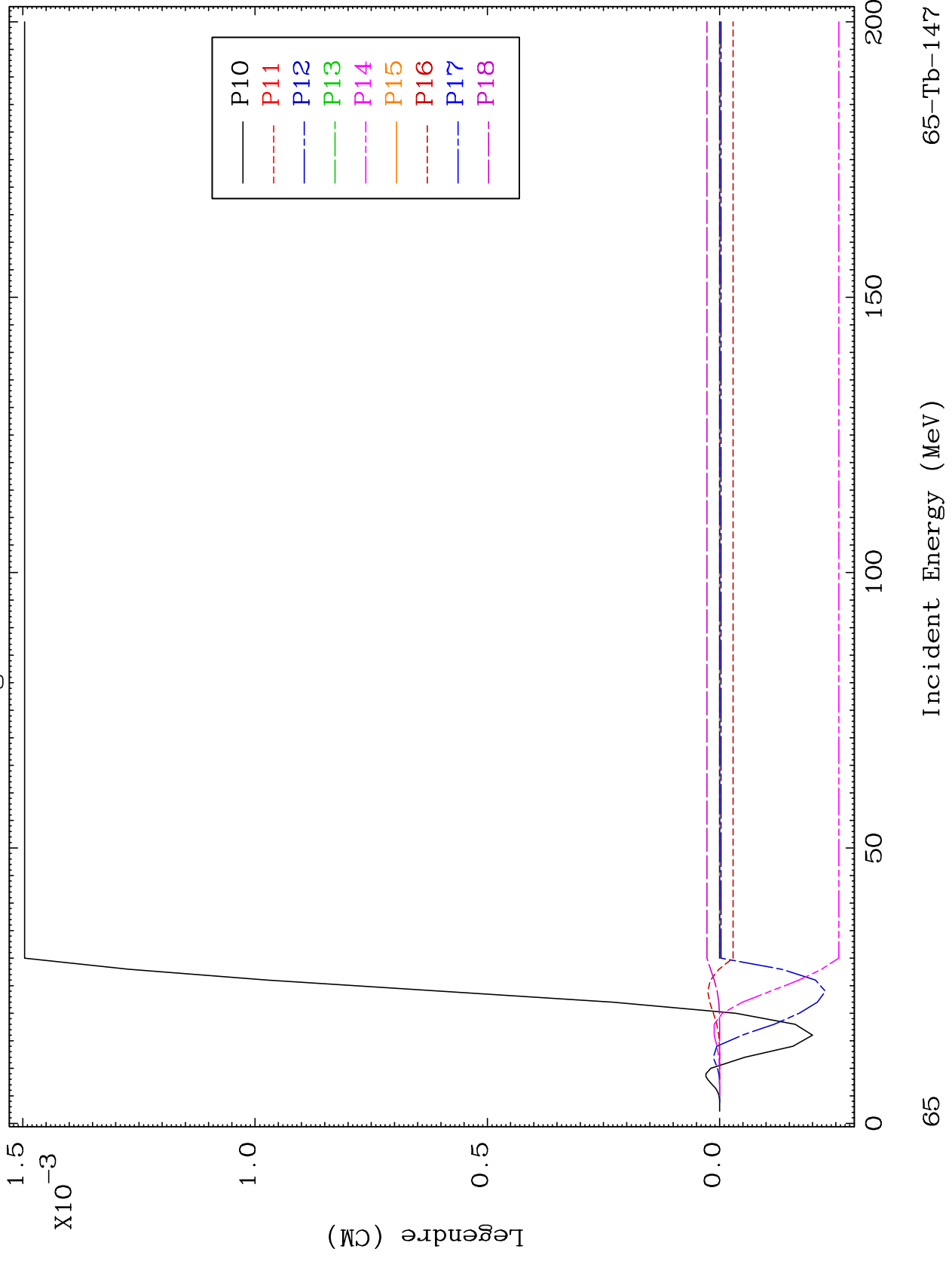
65-Tb-147



MAT 6489

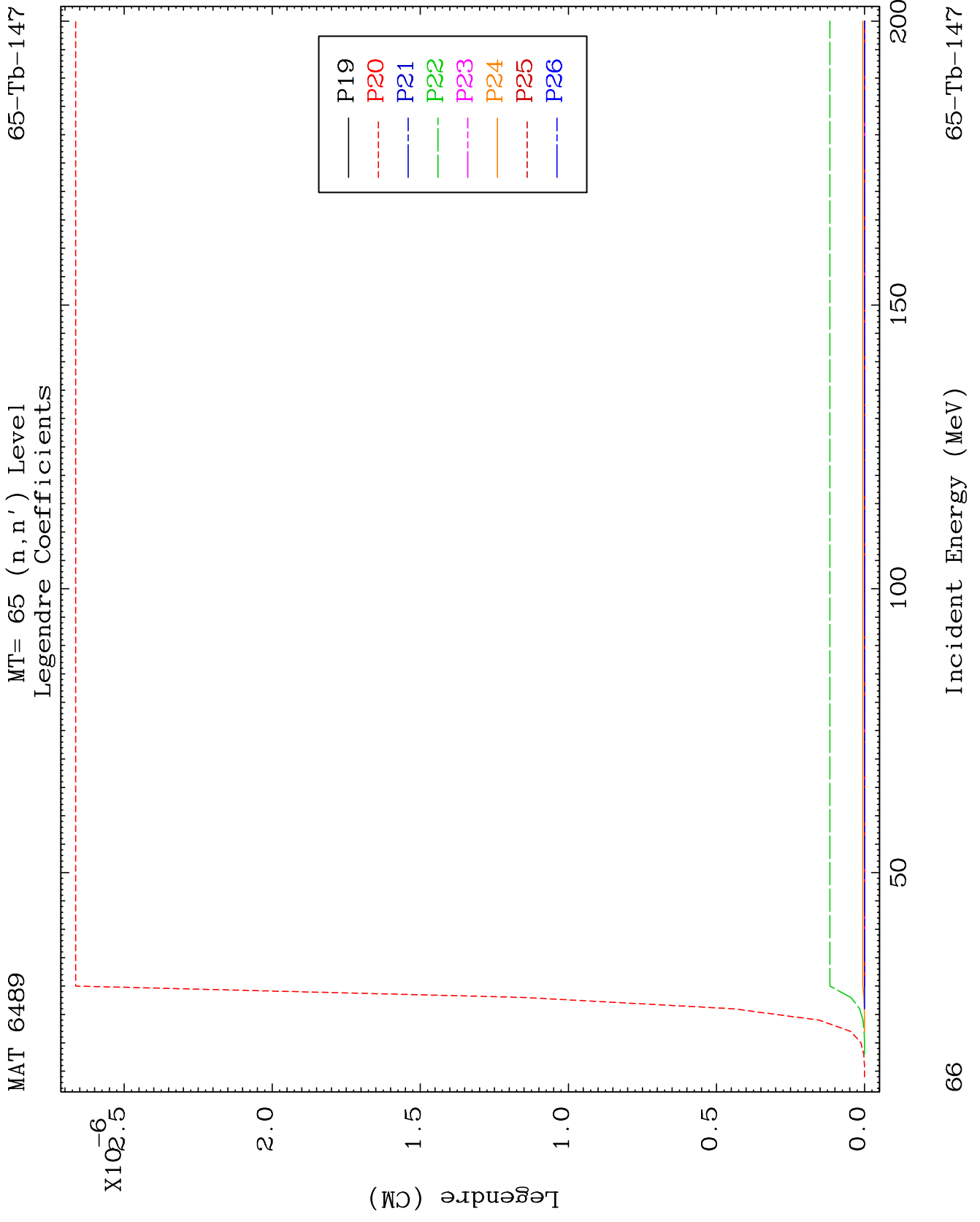
MT= 65 (n,n') Level
Legendre Coefficients

65-Tb-147



65

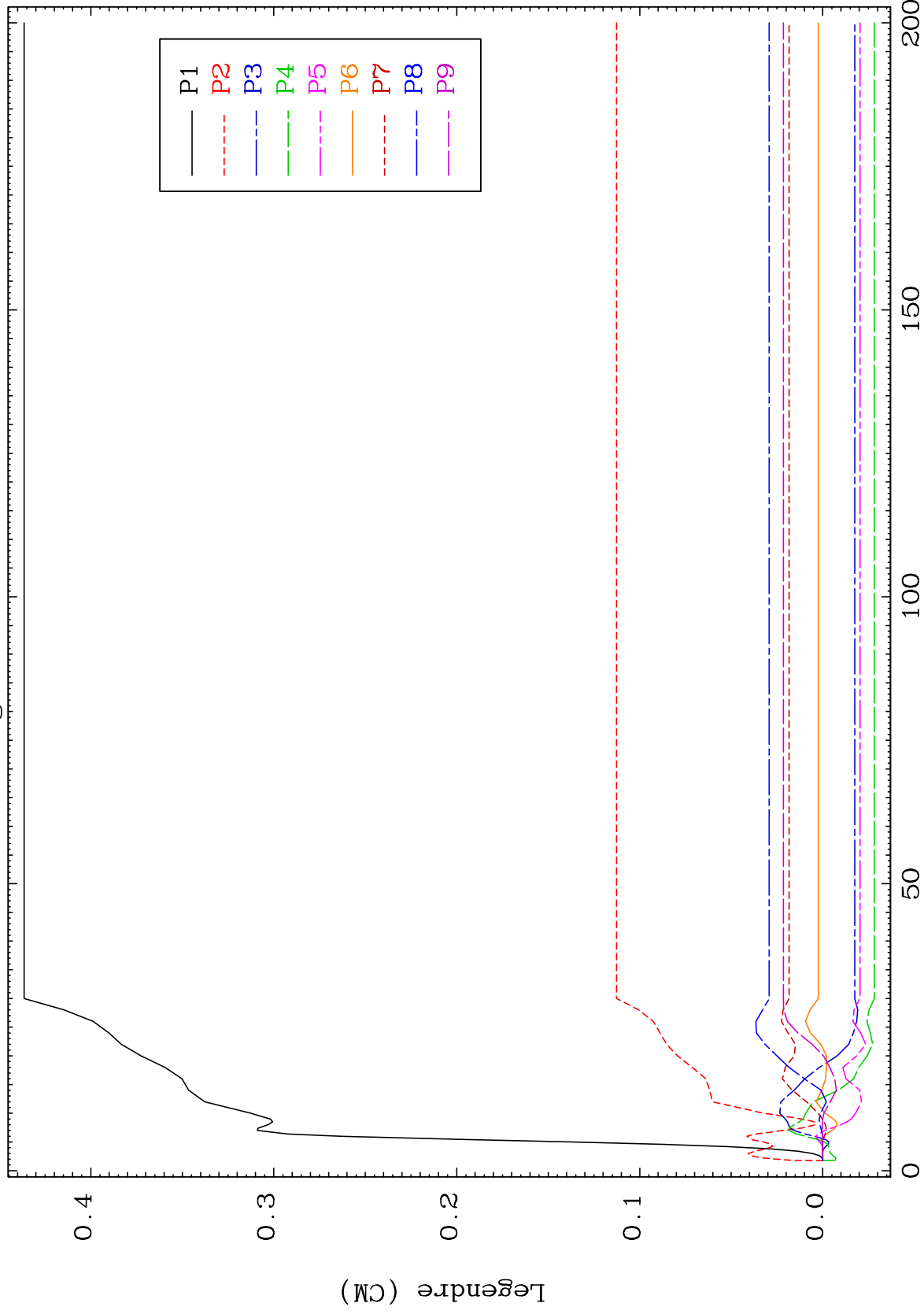
65-Tb-147



MAT 6489

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

65-Tb-147



67

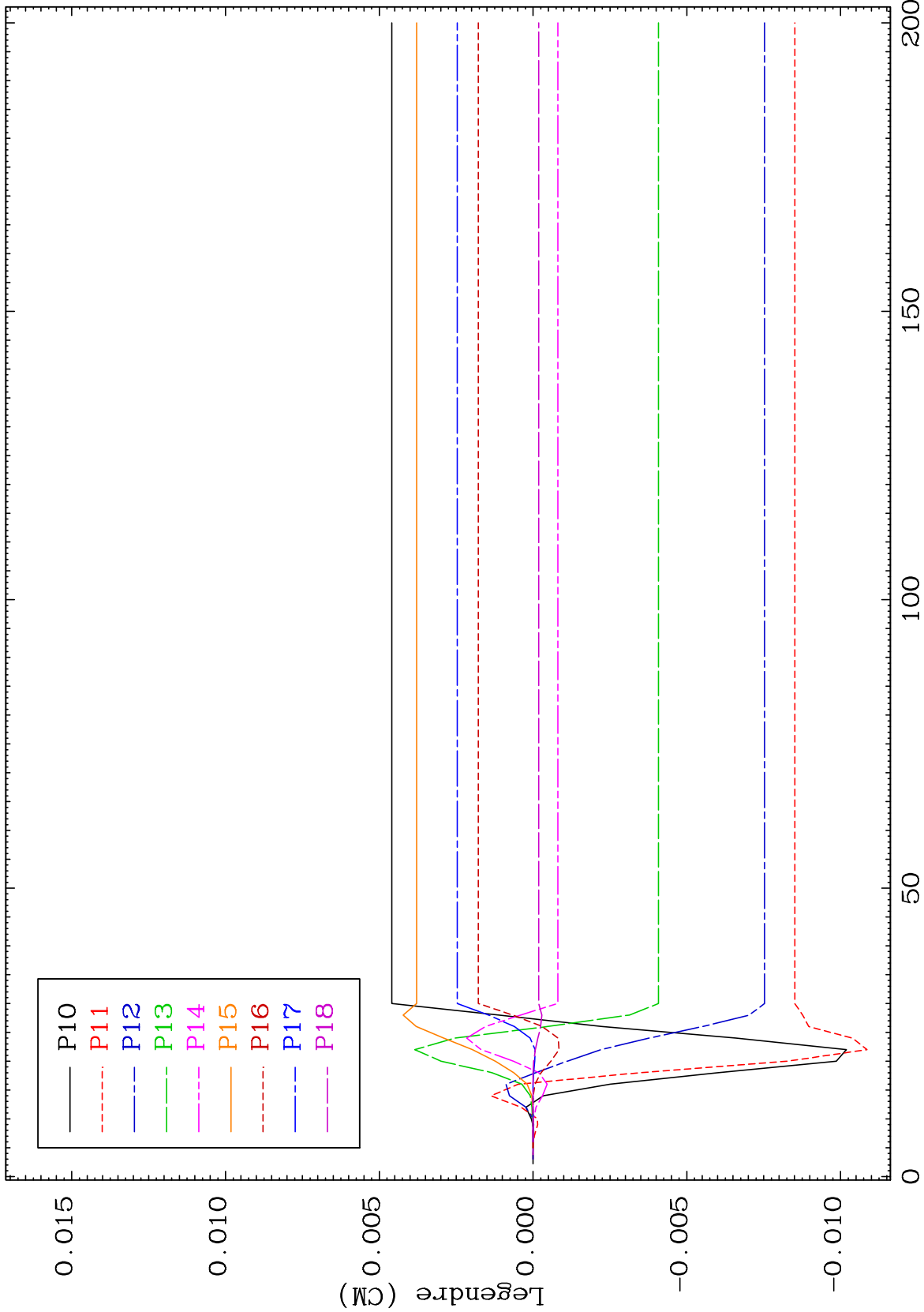
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



68

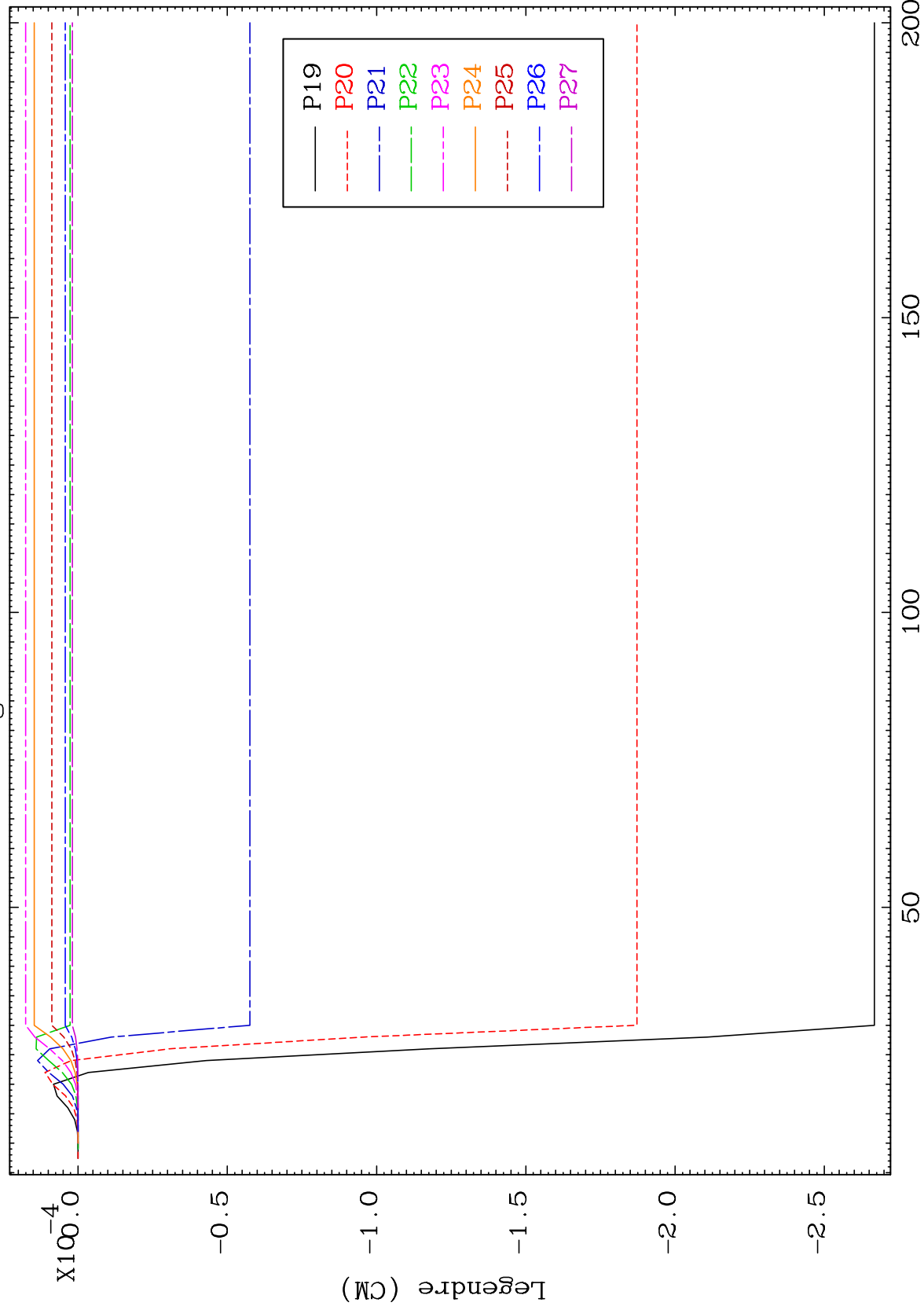
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



69

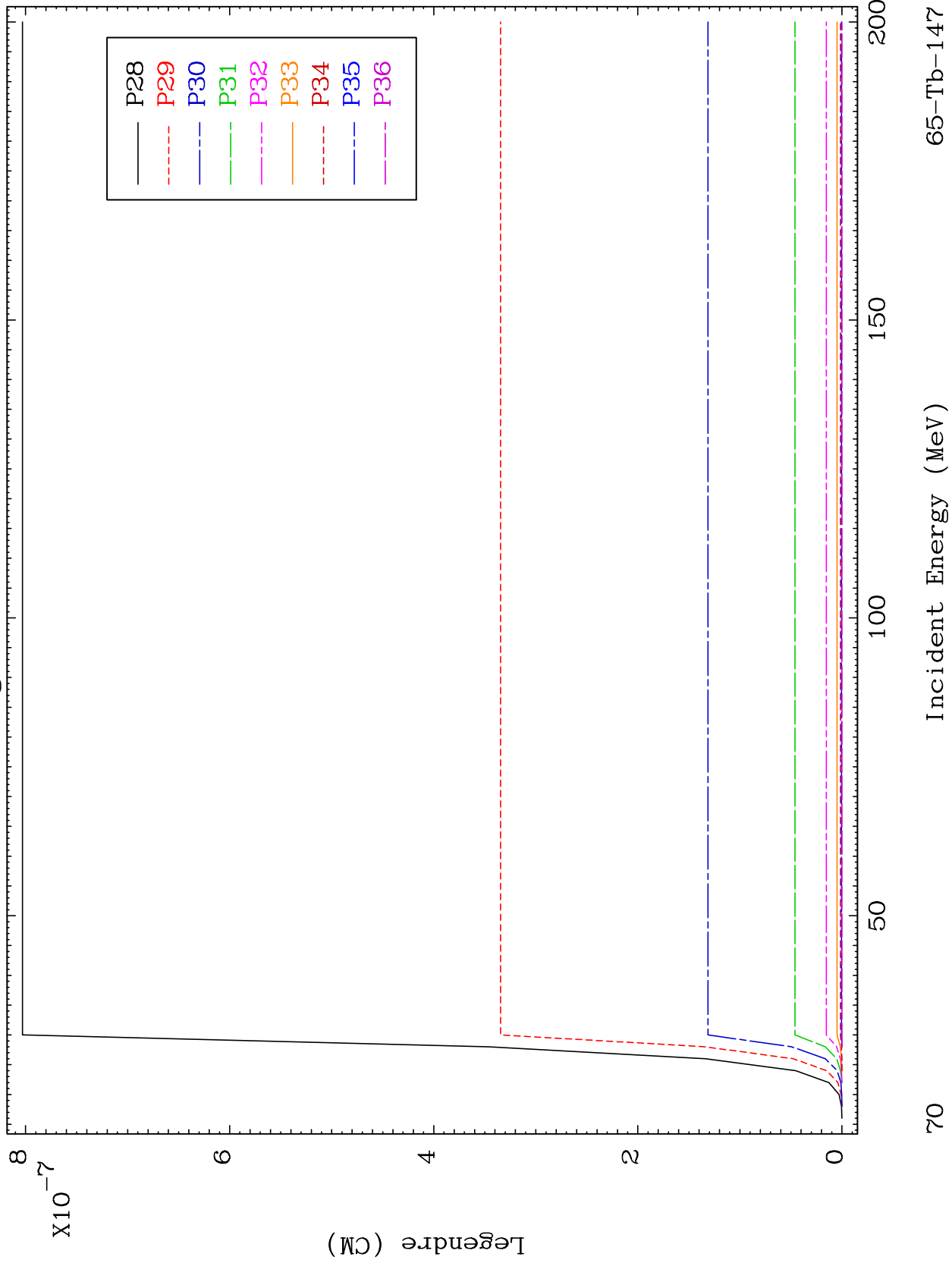
Incident Energy (MeV)

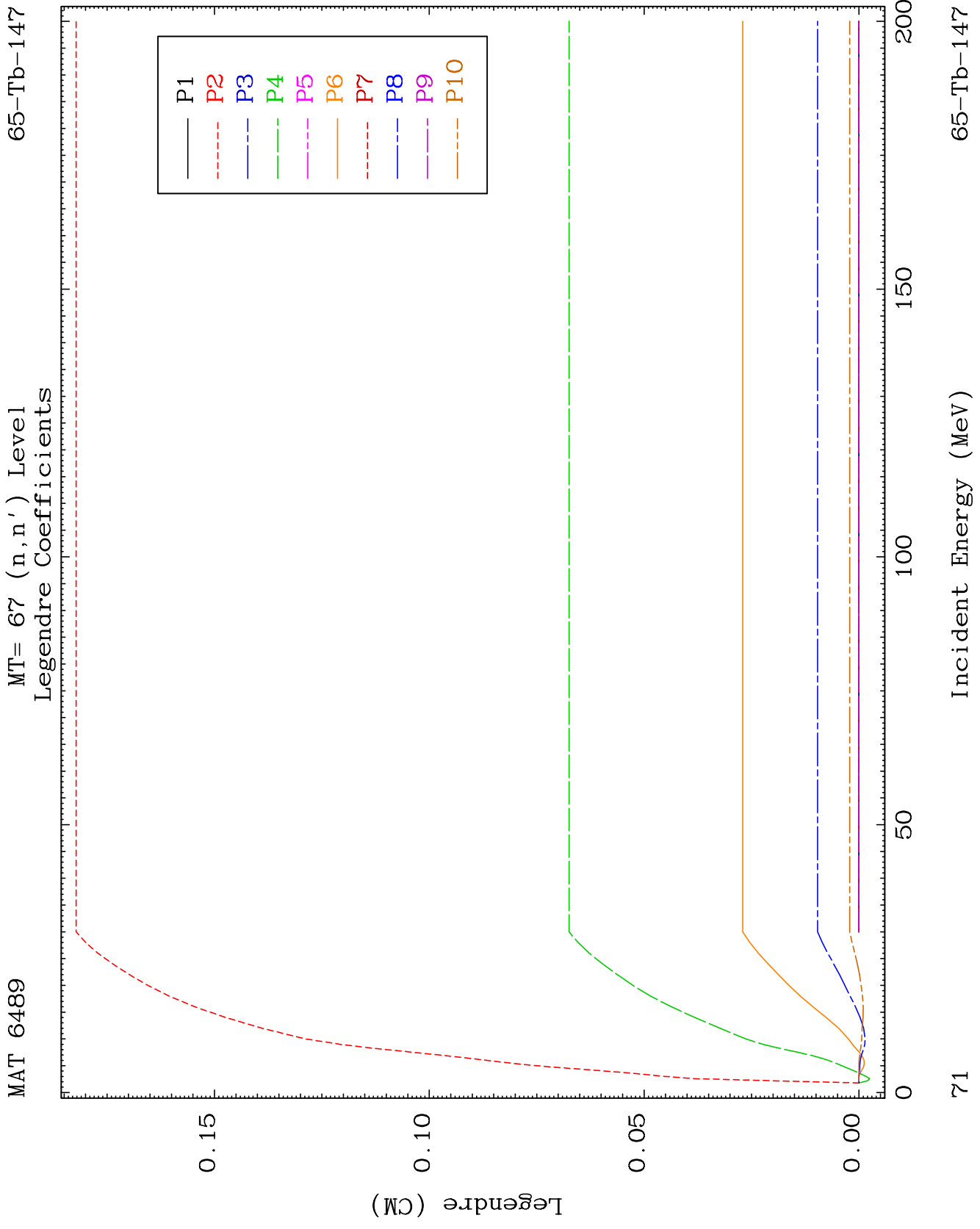
65-Tb-147

MAT 6489

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

65-Tb-147

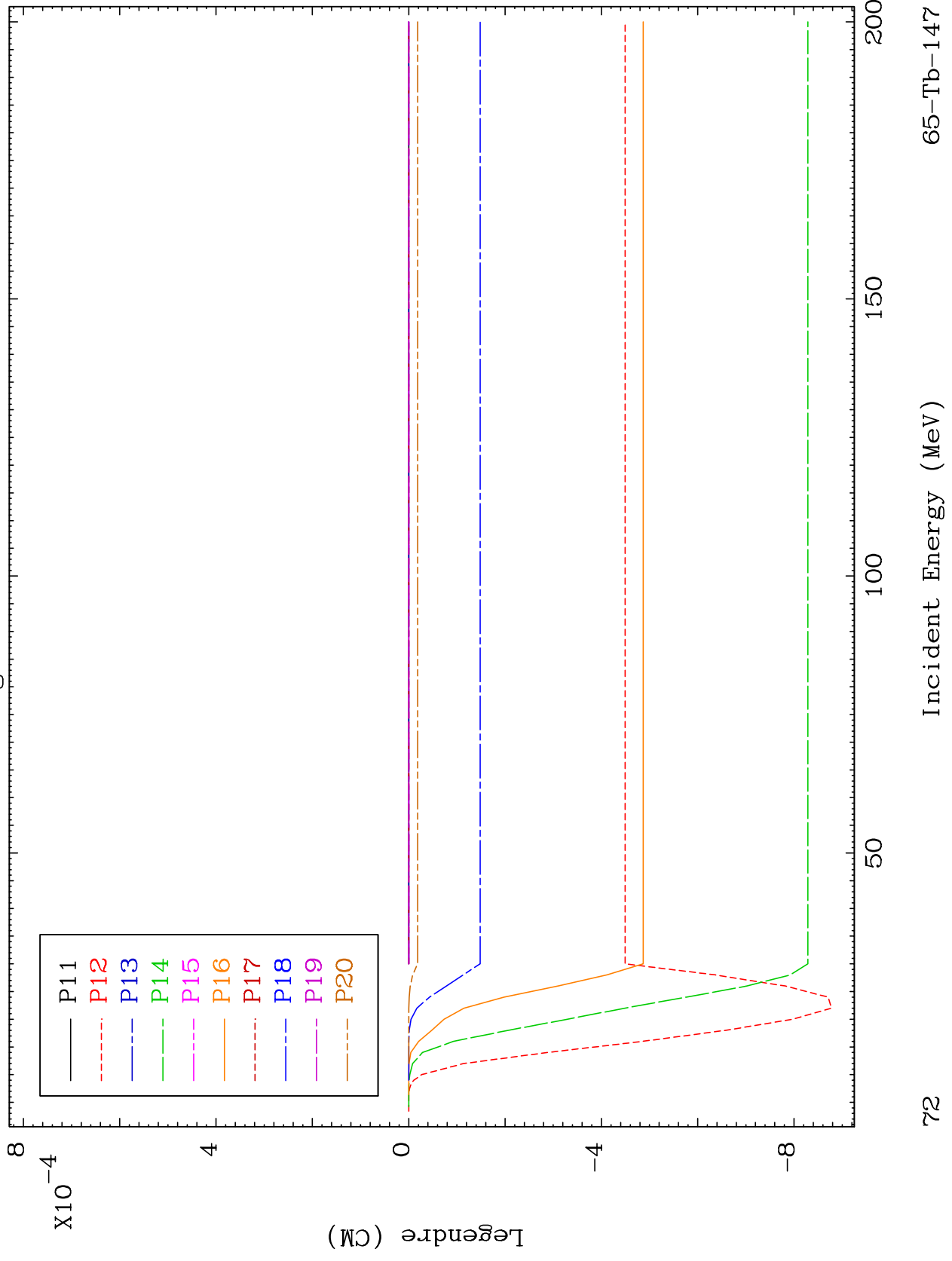




MAT 6489

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

65-Tb-147



72

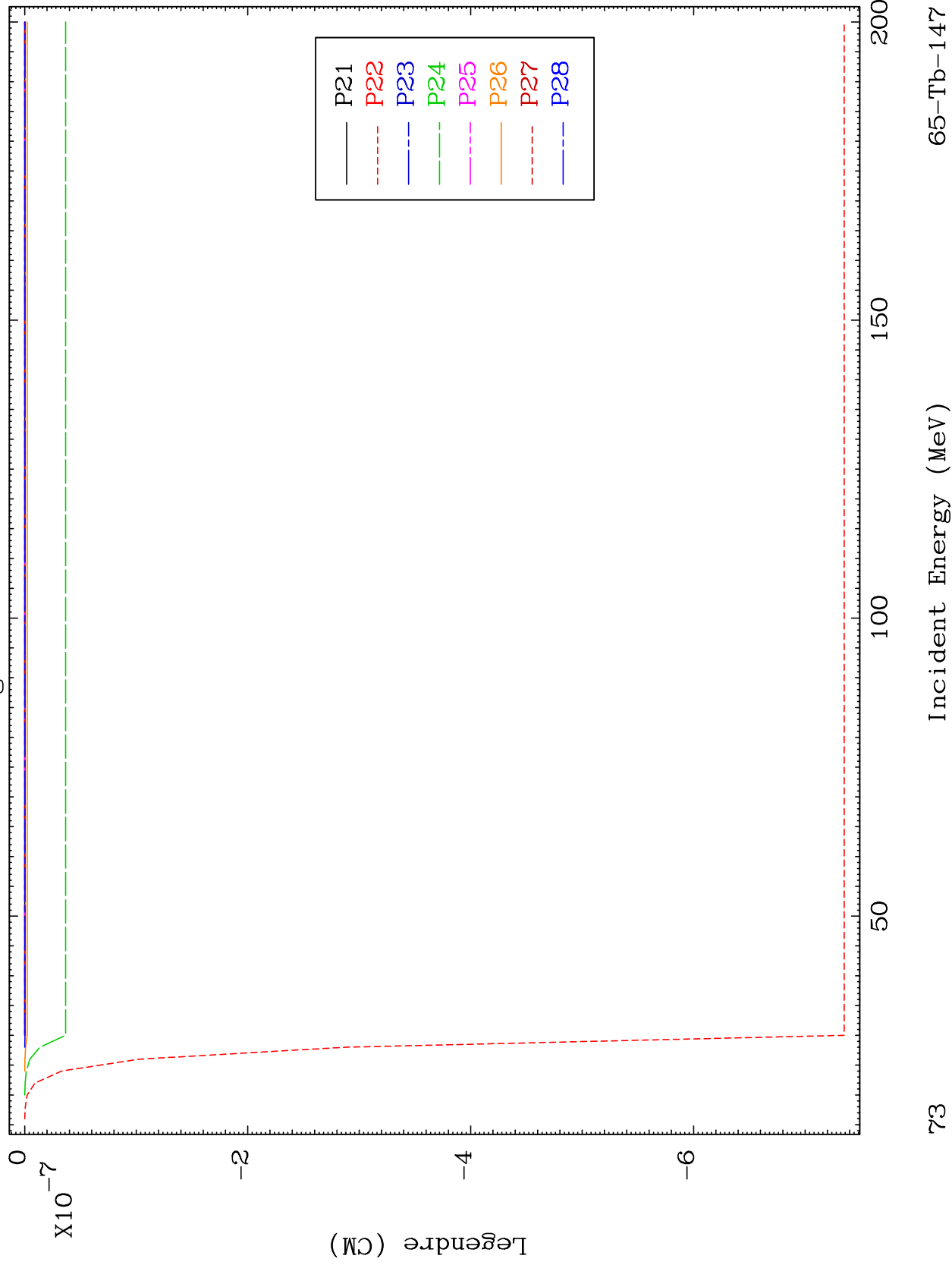
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



73

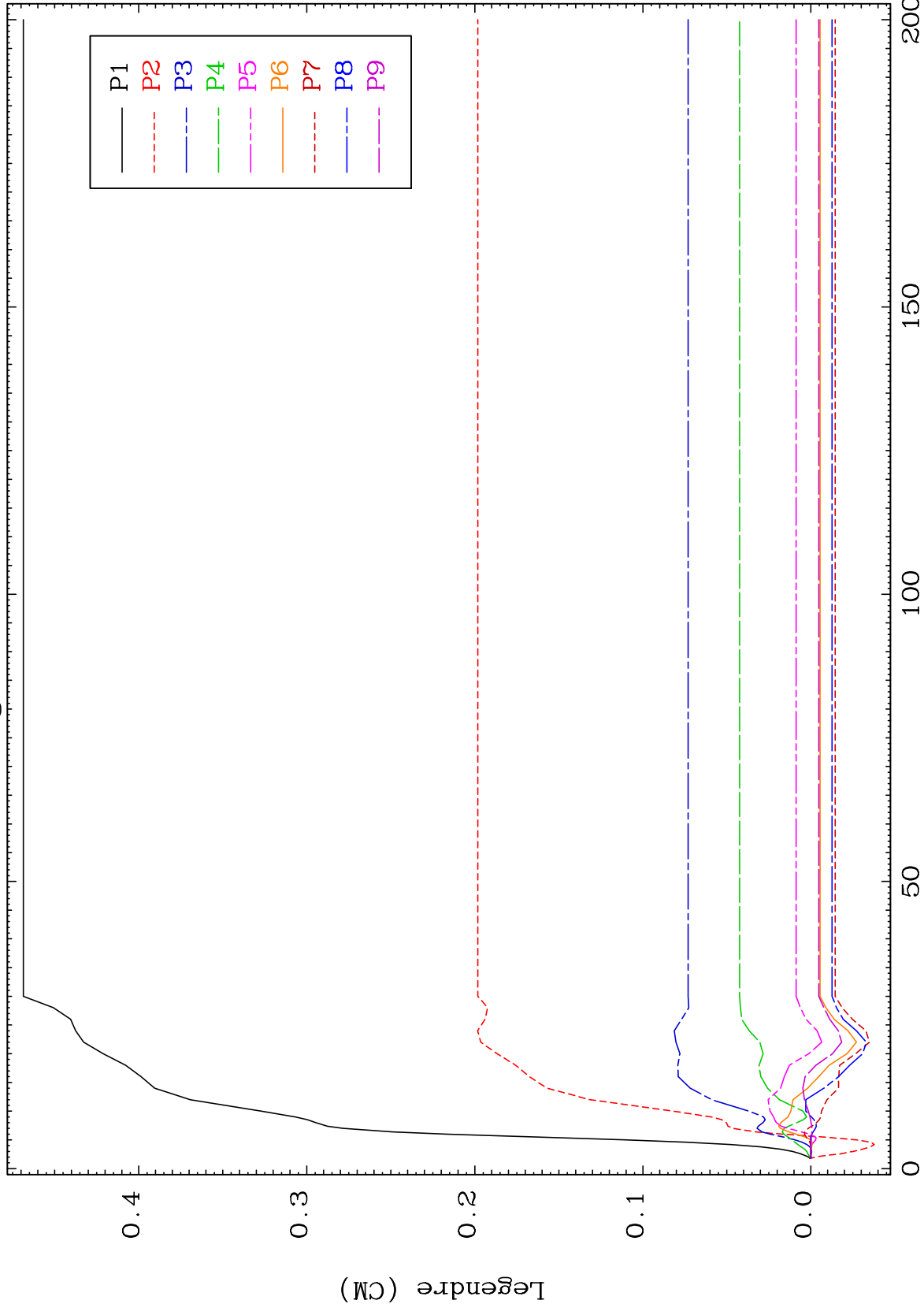
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



74

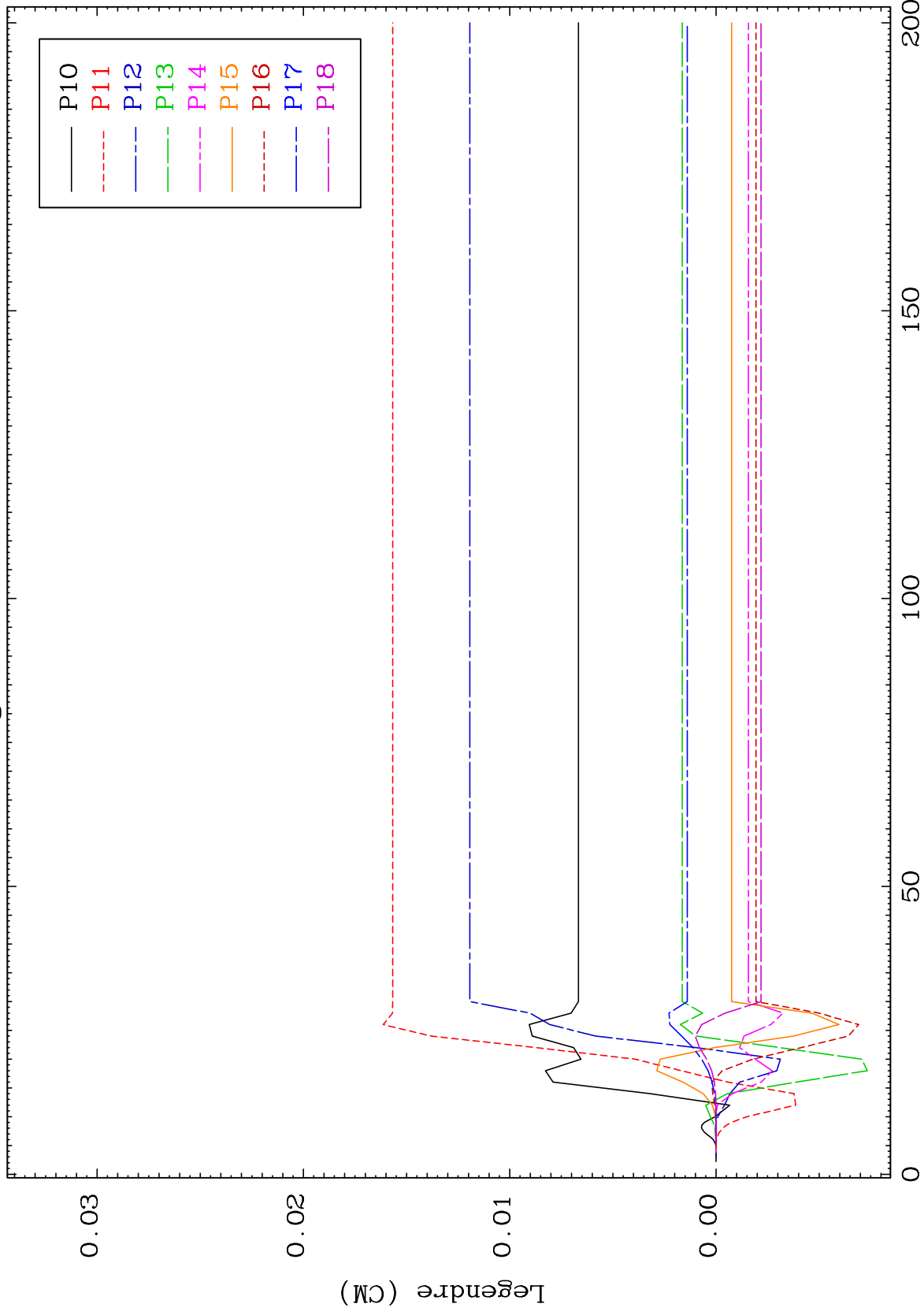
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



75

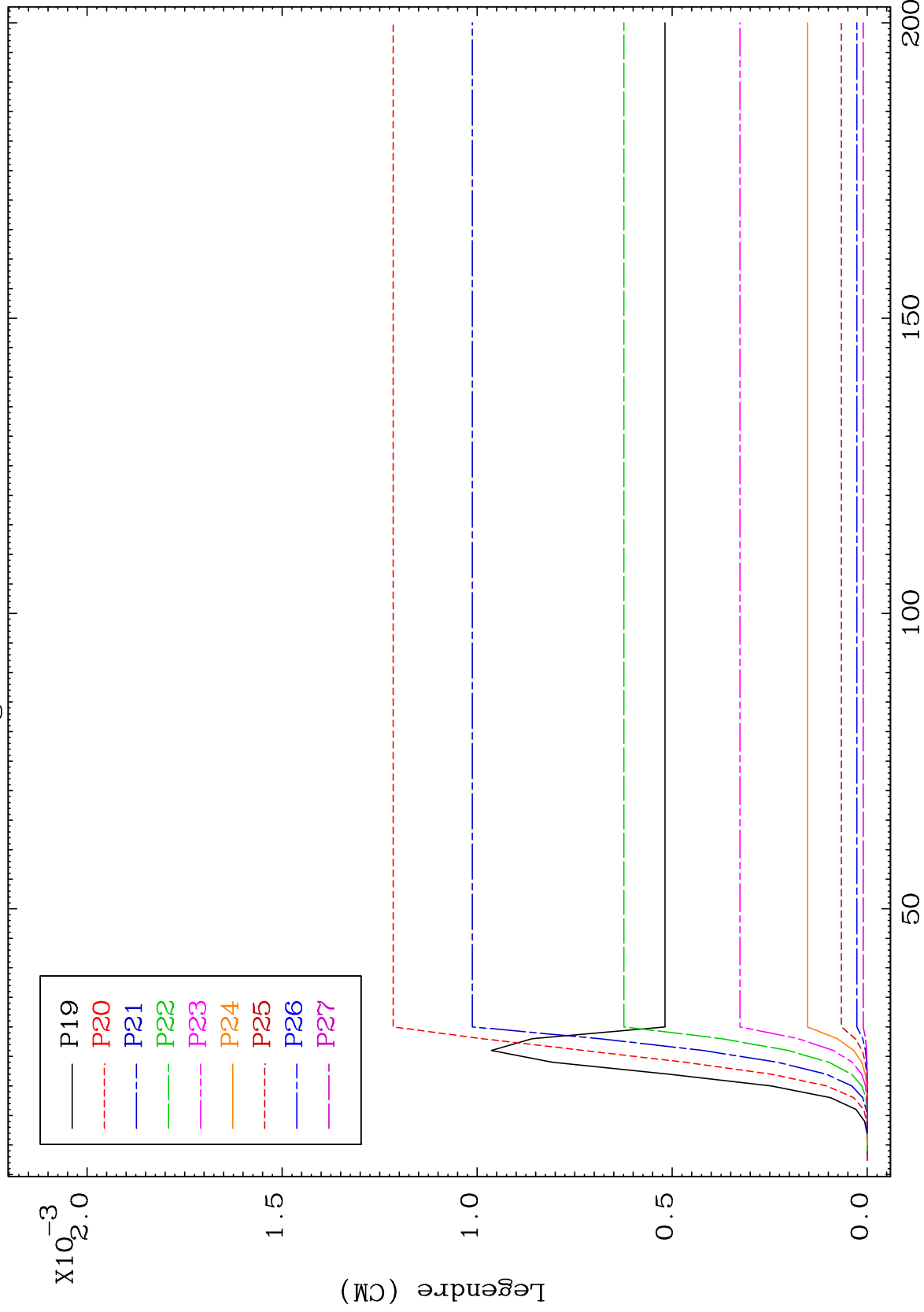
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



76

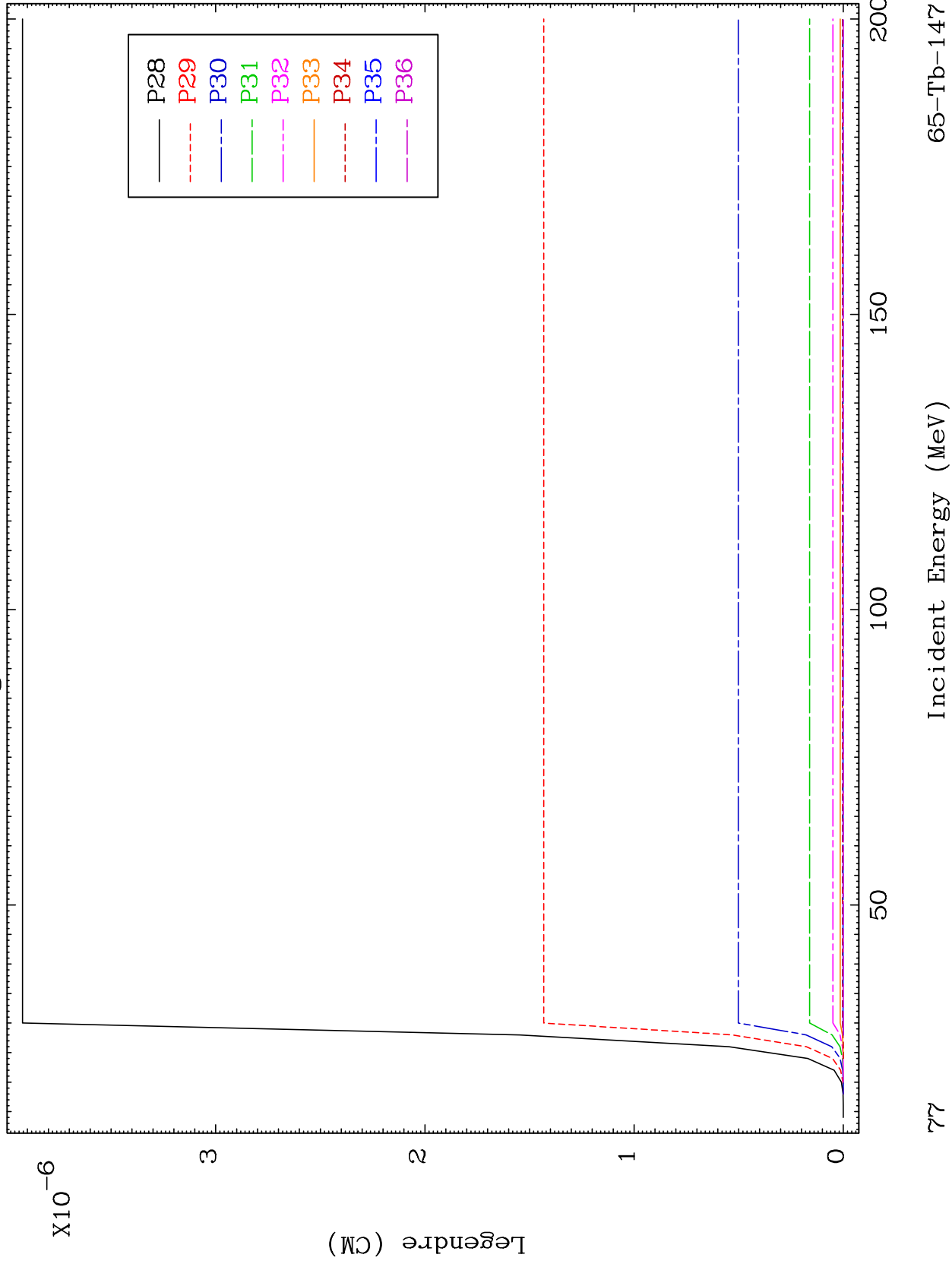
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

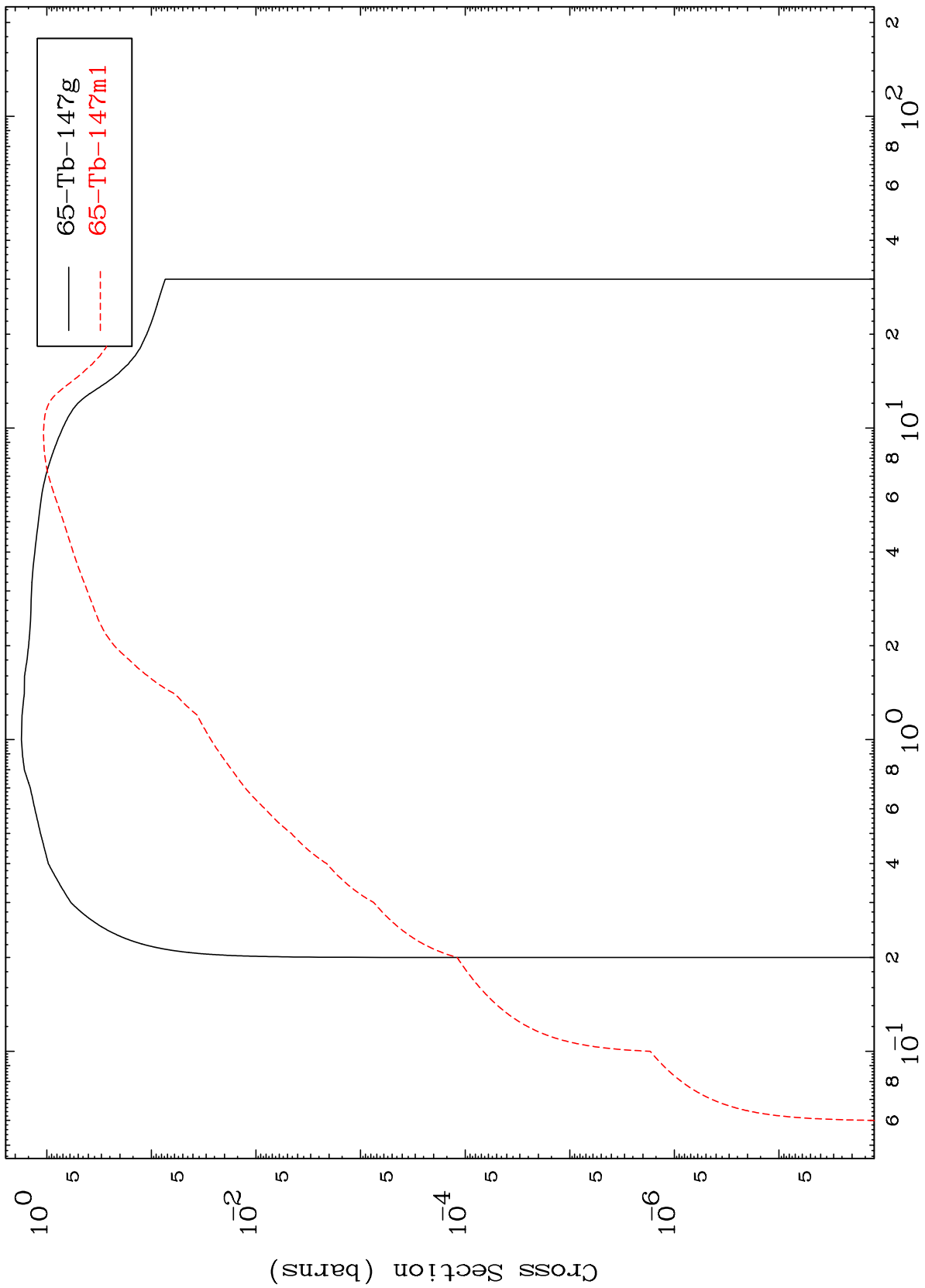
65-Tb-147



MAT 6489

65-Tb-147

Inelastic
Radionuclide Production Cross Section



78

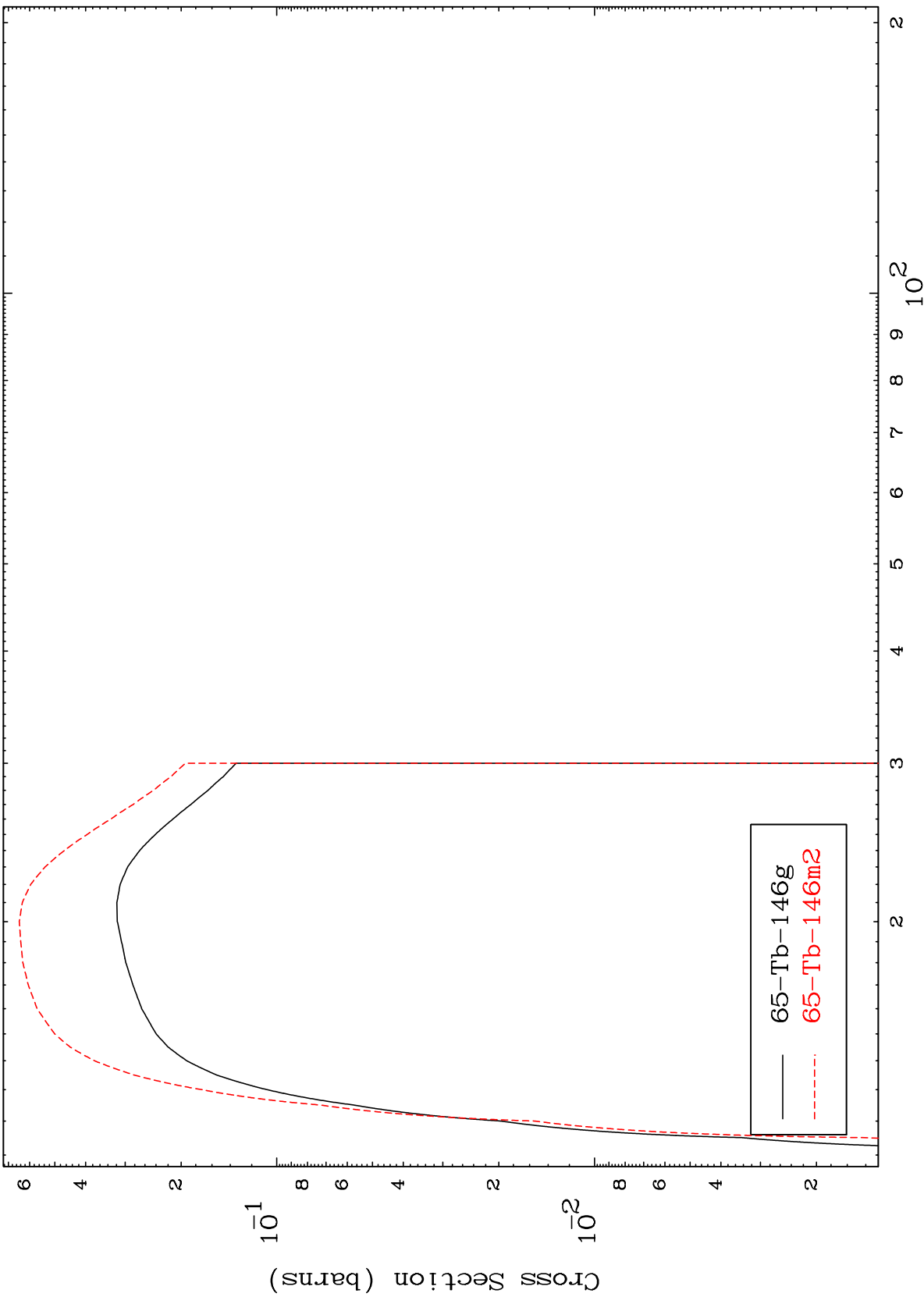
65-Tb-147

Incident Energy (MeV)

MAT 6489

65-Tb-147

(n,2n)
Radionuclide Production Cross Section



79

Incident Energy (MeV)

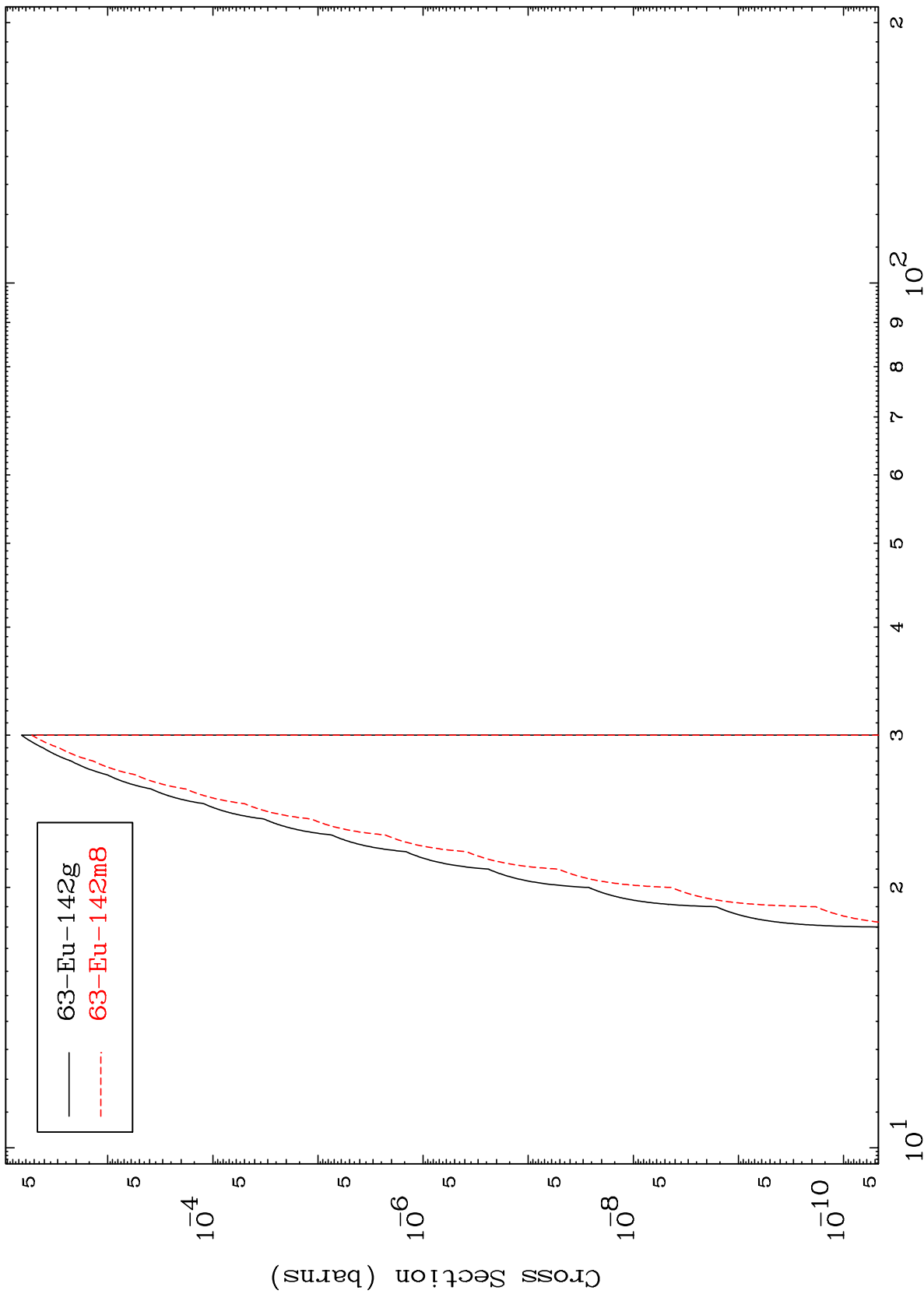
65-Tb-147

MAT 6489

(n,2n) α

65-Tb-147

Radionuclide Production Cross Section



80

Incident Energy (MeV)

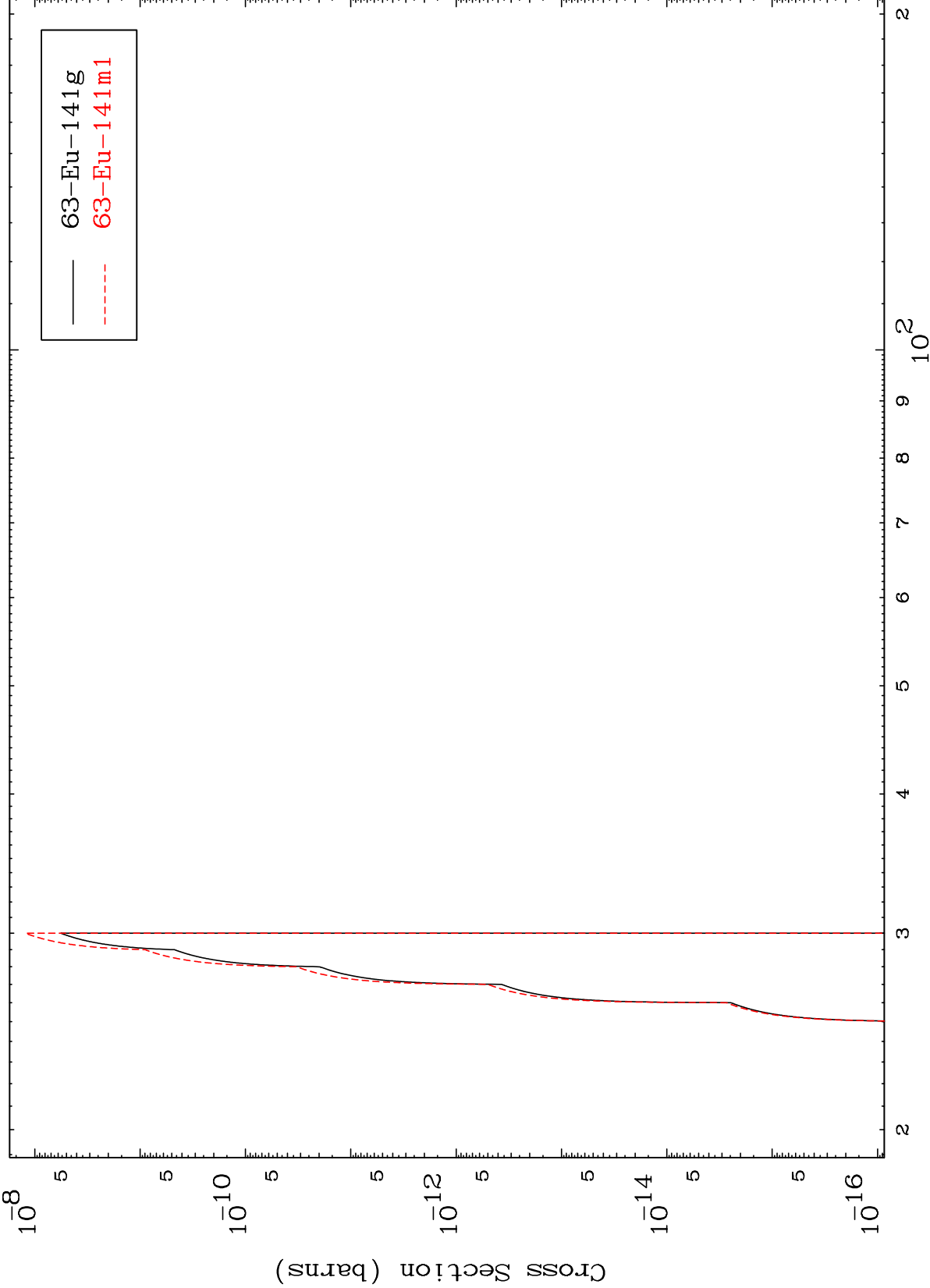
65-Tb-147

MAT 6489

(n,3n) α

65-Tb-147

Radionuclide Production Cross Section



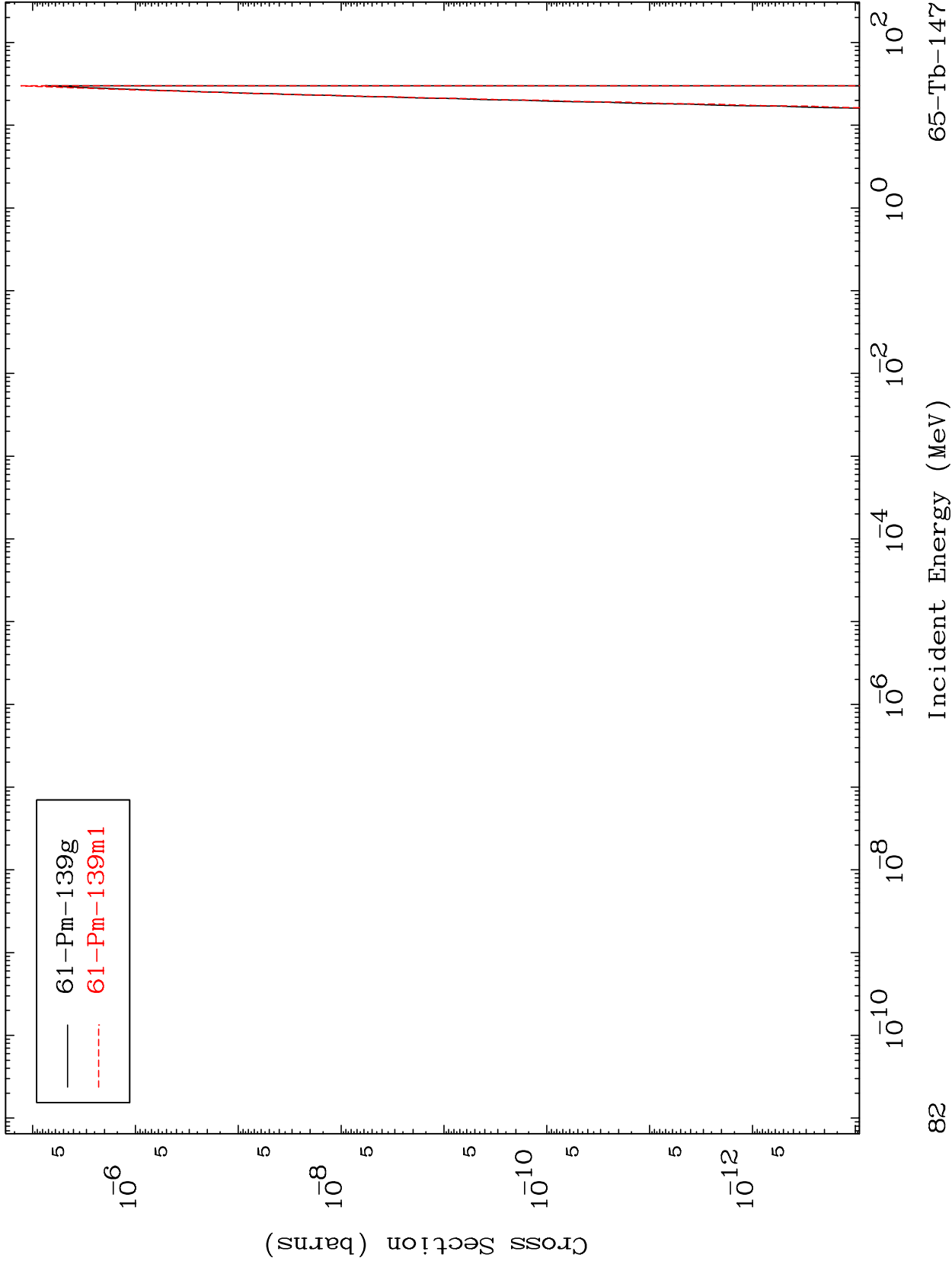
63-Eu-141g
63-Eu-141m1

MAT 6489

(n,n') 2α

65-Tb-147

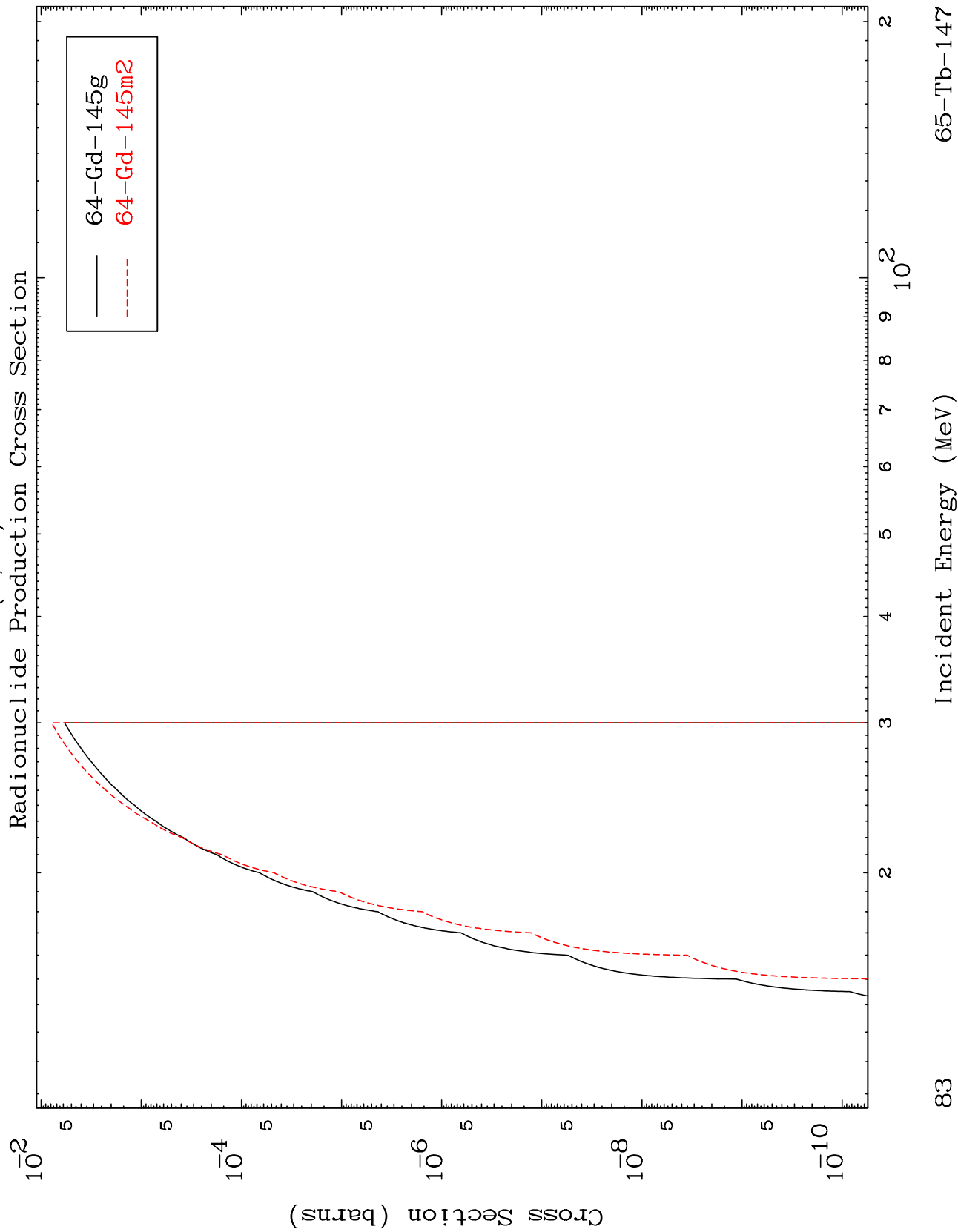
Radionuclide Production Cross Section



MAT 6489

(n,n') d

65-Tb-147



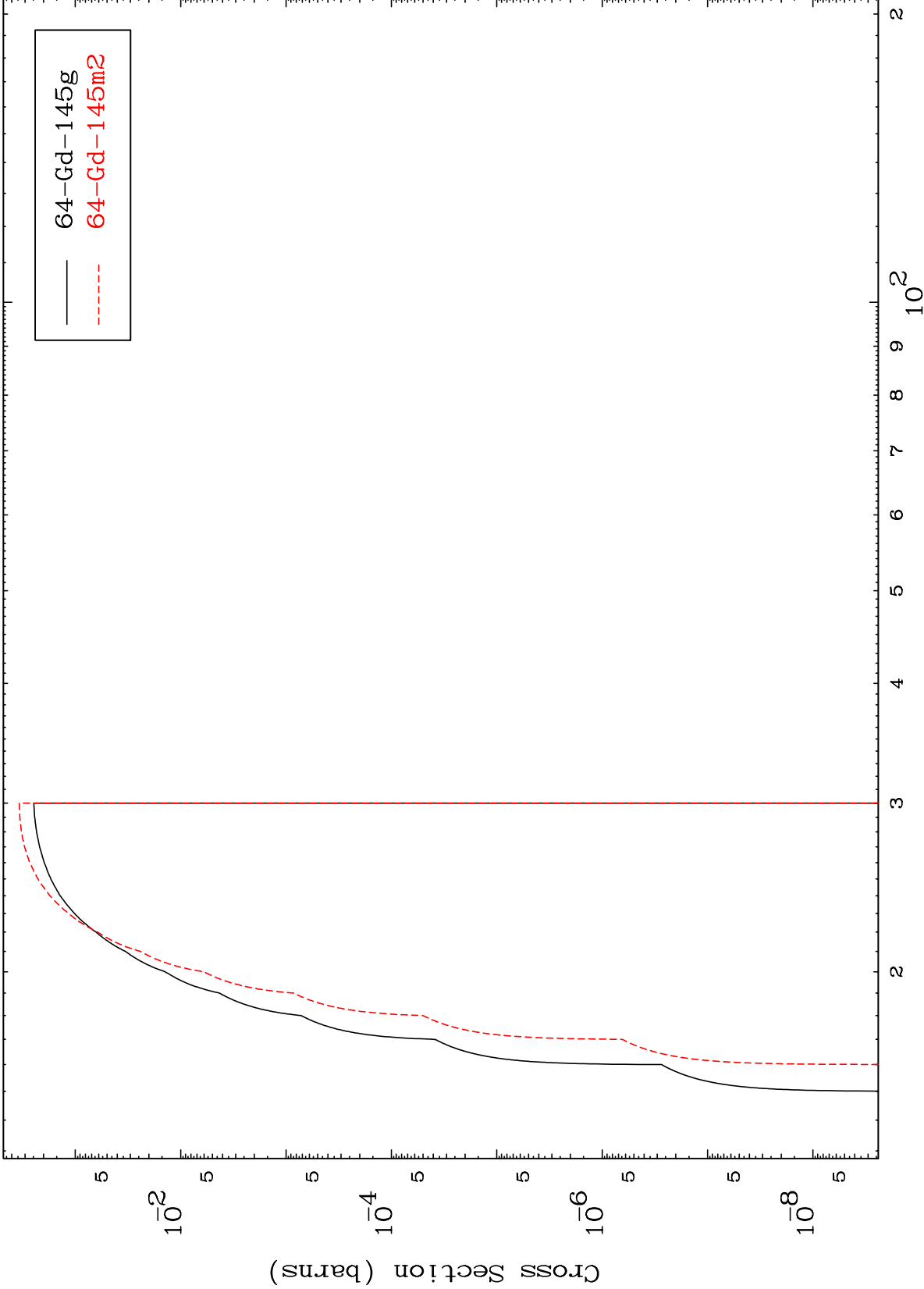
83

MAT 6489

(n,2n) p

65-Tb-147

Radionuclide Production Cross Section



84

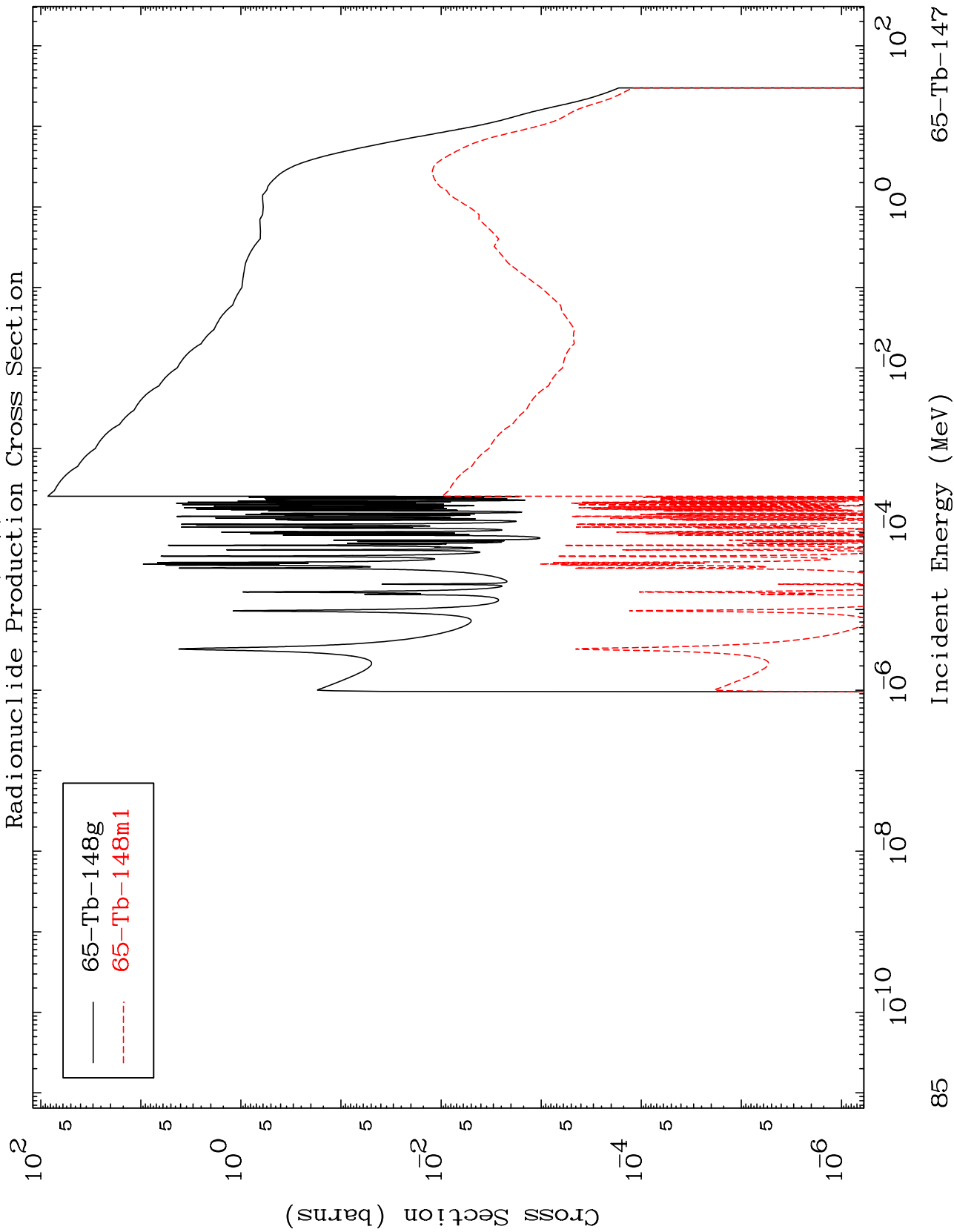
Incident Energy (MeV)

65-Tb-147

MAT 6489

65-Tb-147

(n, γ)
Radionuclide Production Cross Section



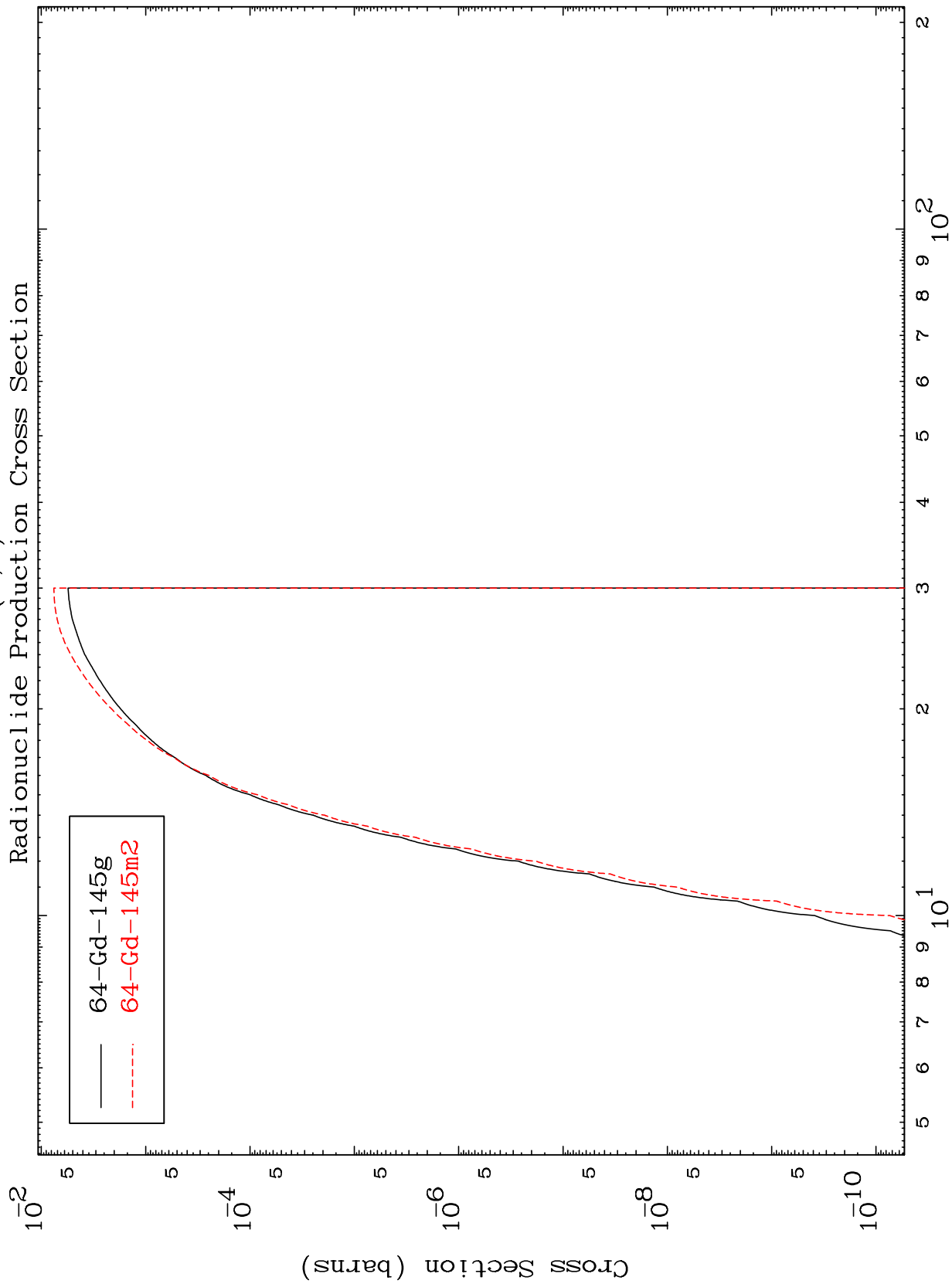
85

65-Tb-147

MAT 6489

65-Tb-147

(n, t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

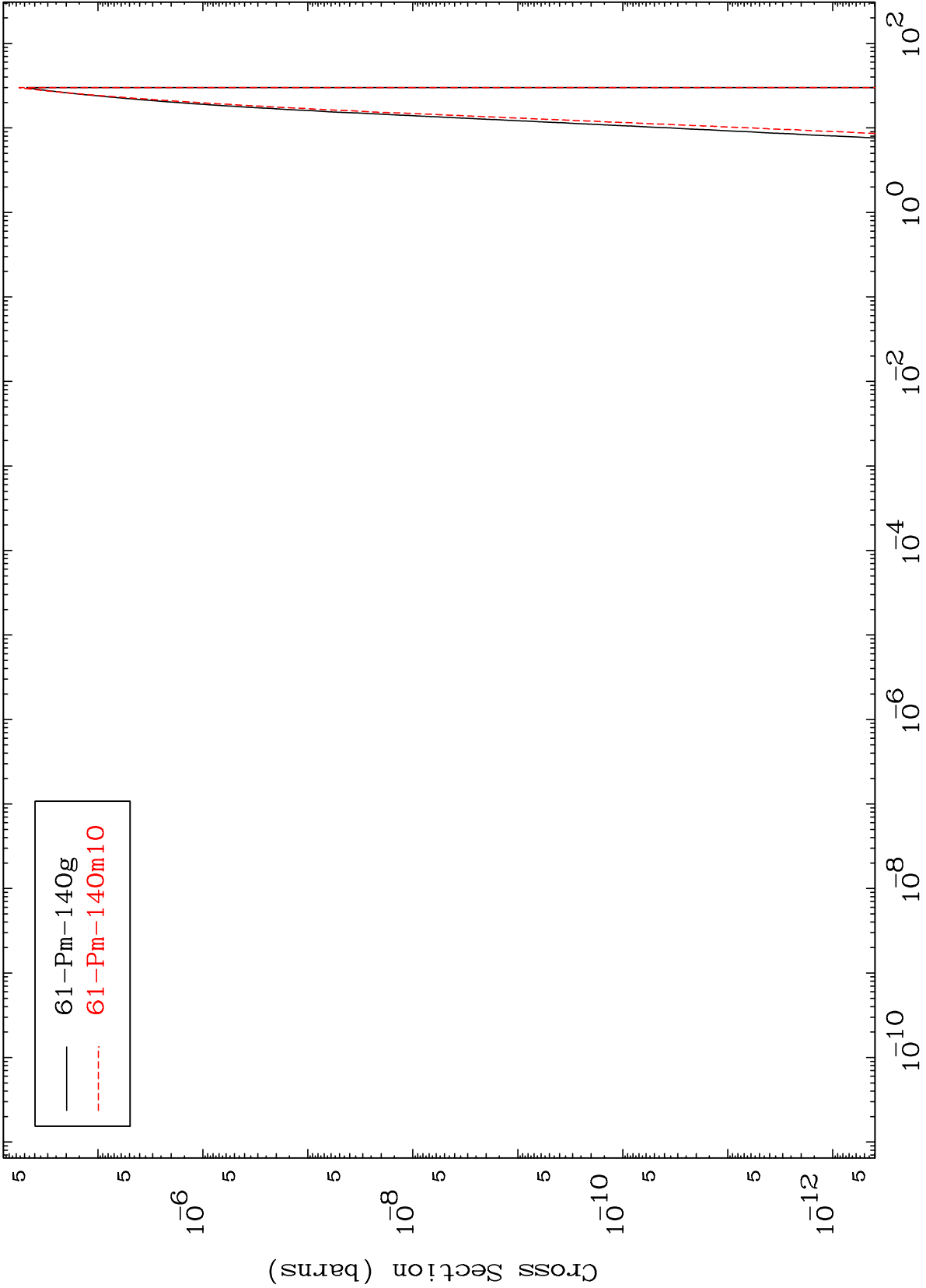
65-Tb-147

MAT 6489

(n,2α)

65-Tb-147

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

MAT 6489

(n,p) α

65-Tb-147

Radionuclide Production Cross Section

