

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

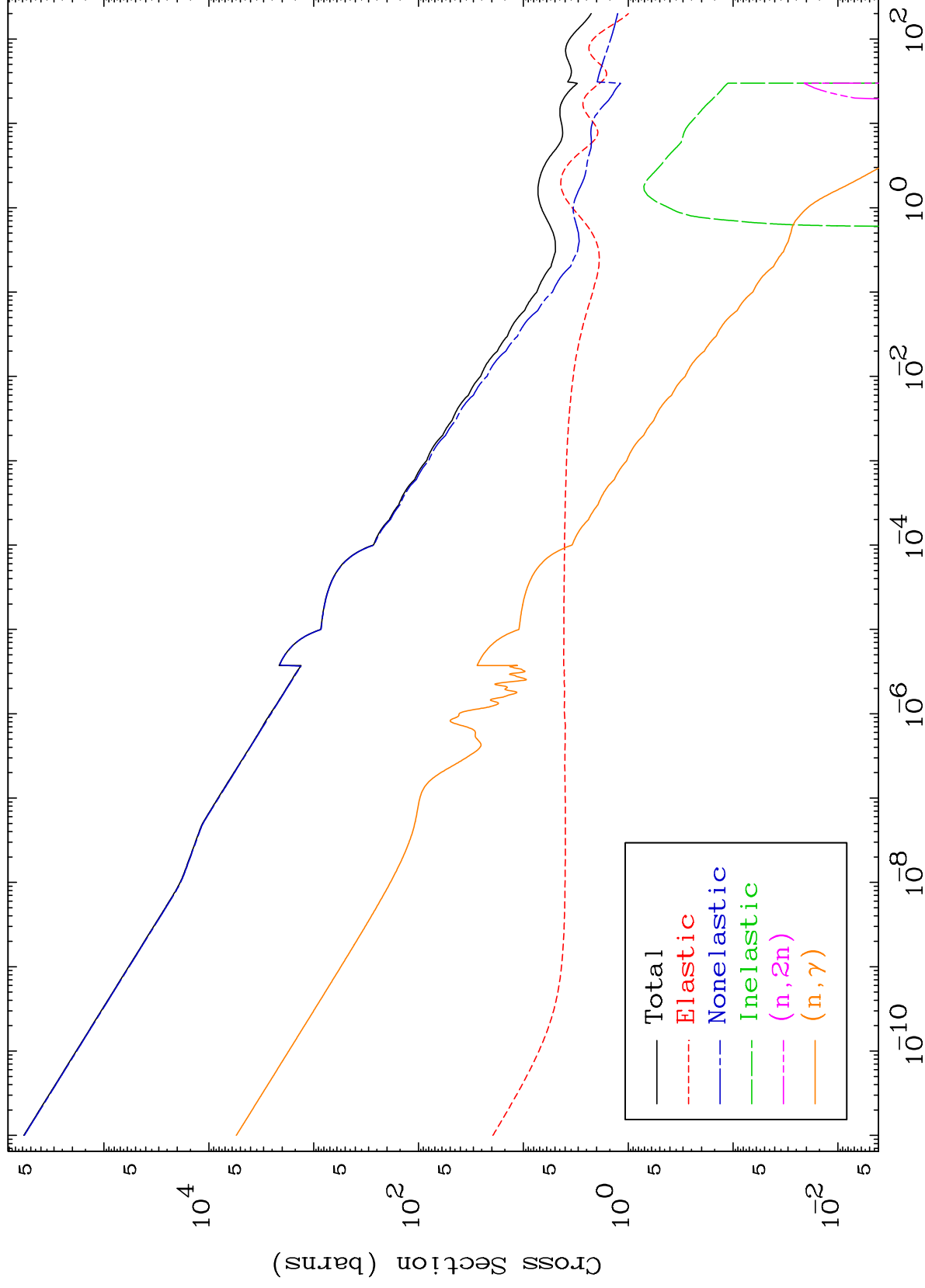
Press Mouse Button to Start

MAT 6465

Neutron Major

65-Tb-139

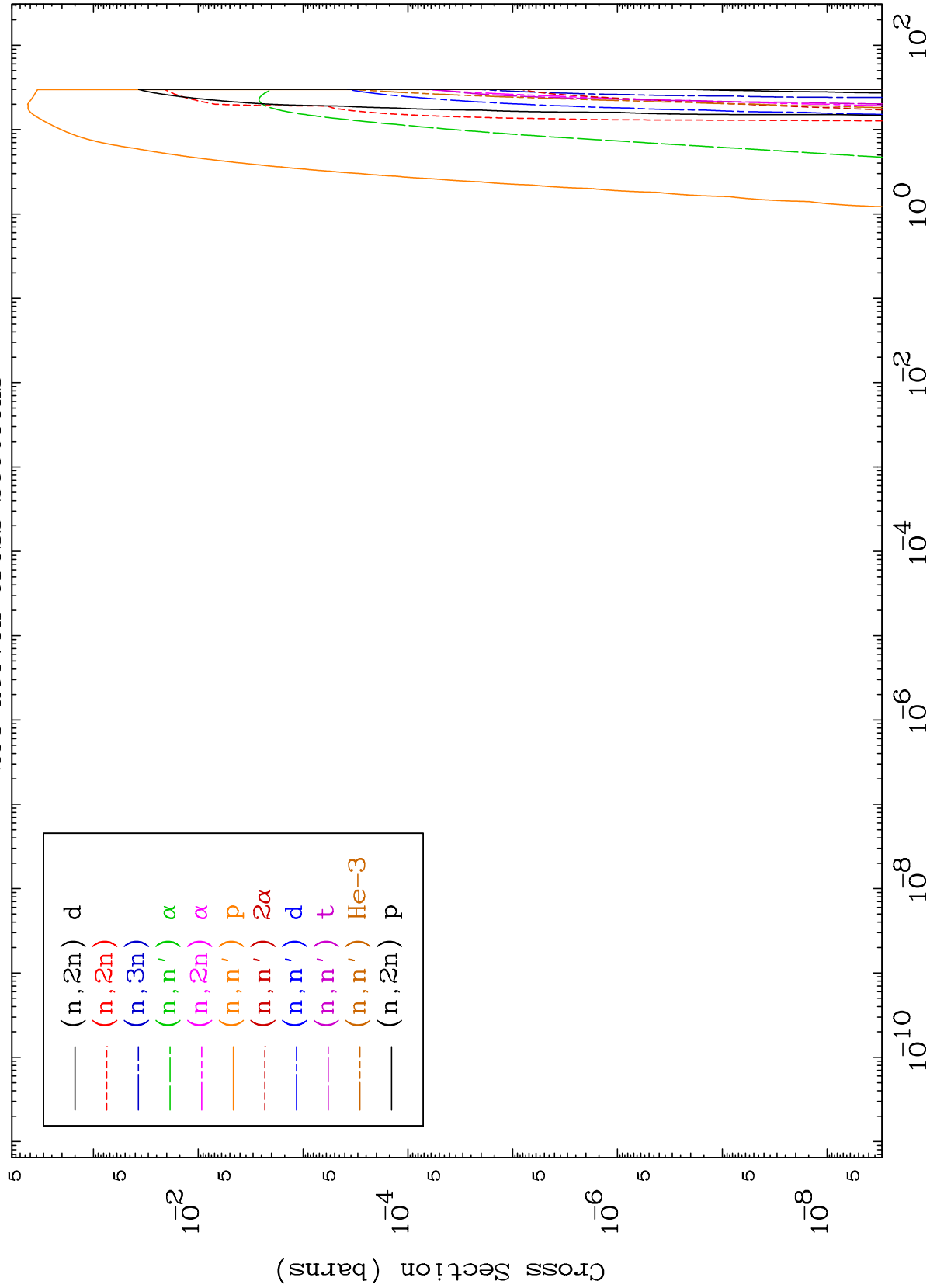
293 Kelvin Cross Sections



MAT 6465

Neutron Absorption
293 Kelvin Cross Sections

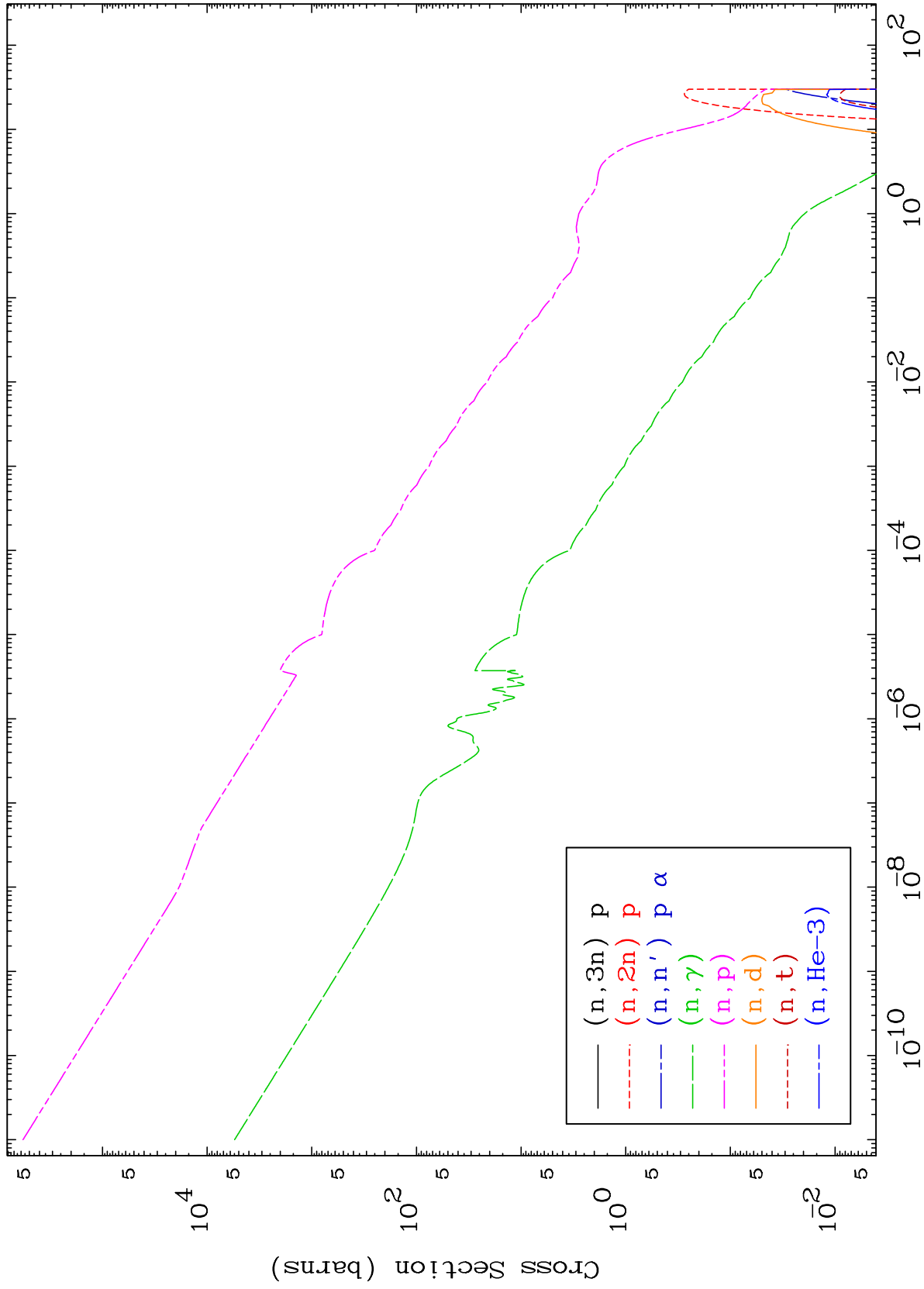
65-Tb-139



MAT 6465

Neutron Absorption
293 Kelvin Cross Sections

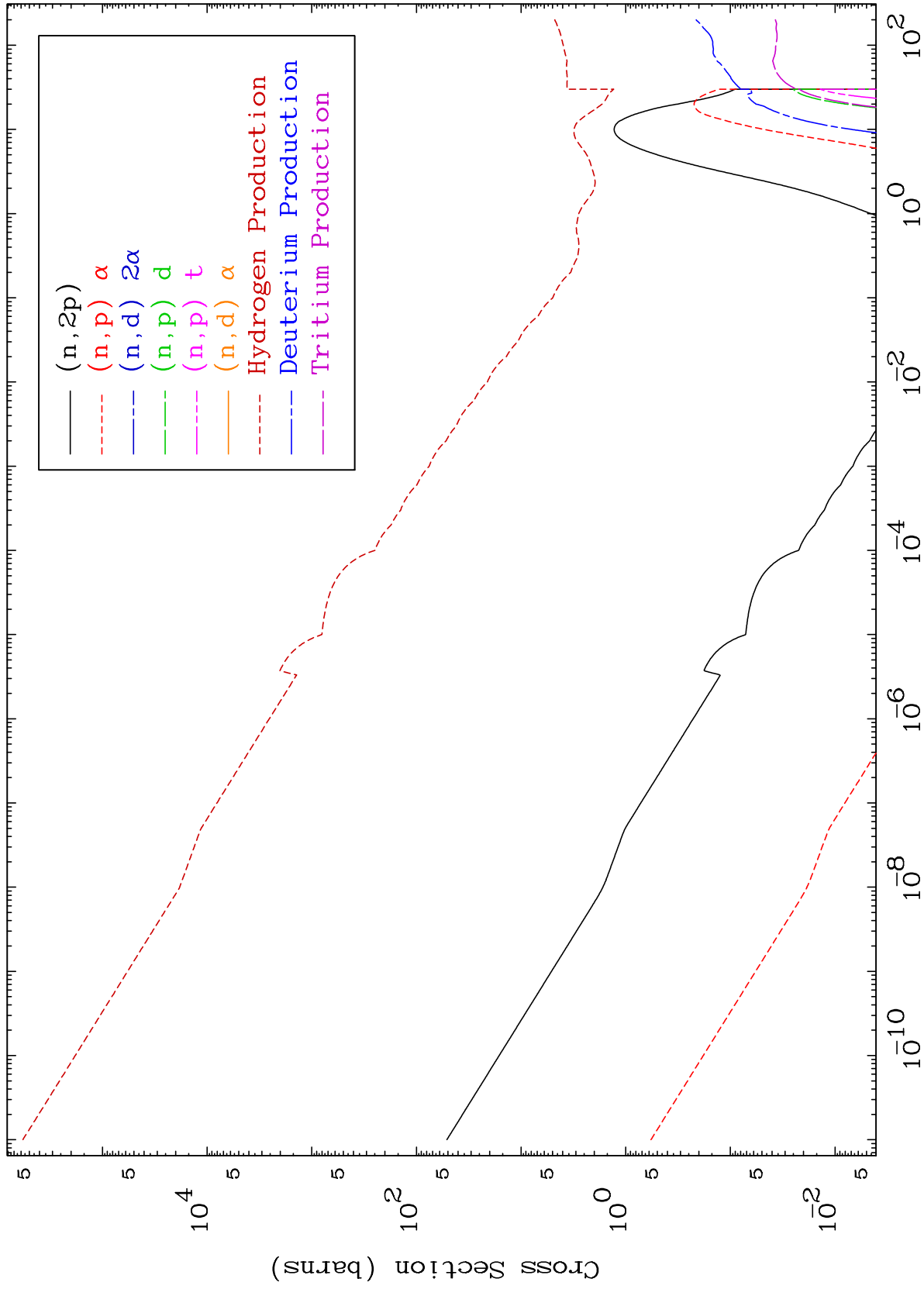
65-Tb-139



3

Incident Energy (MeV)

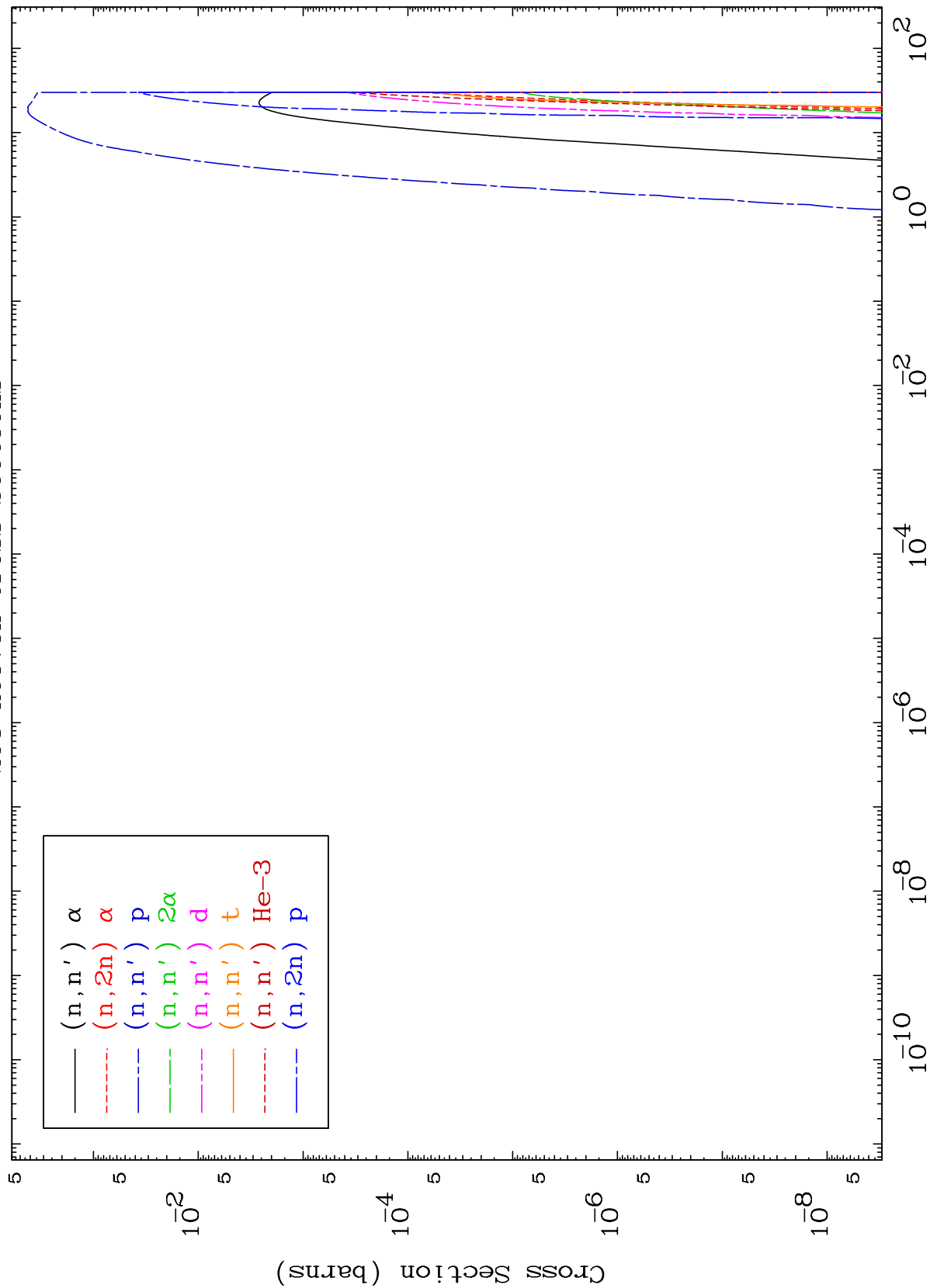
65-Tb-139



MAT 6465

Charged Particle
293 Kelvin Cross Sections

65-Tb-139



5

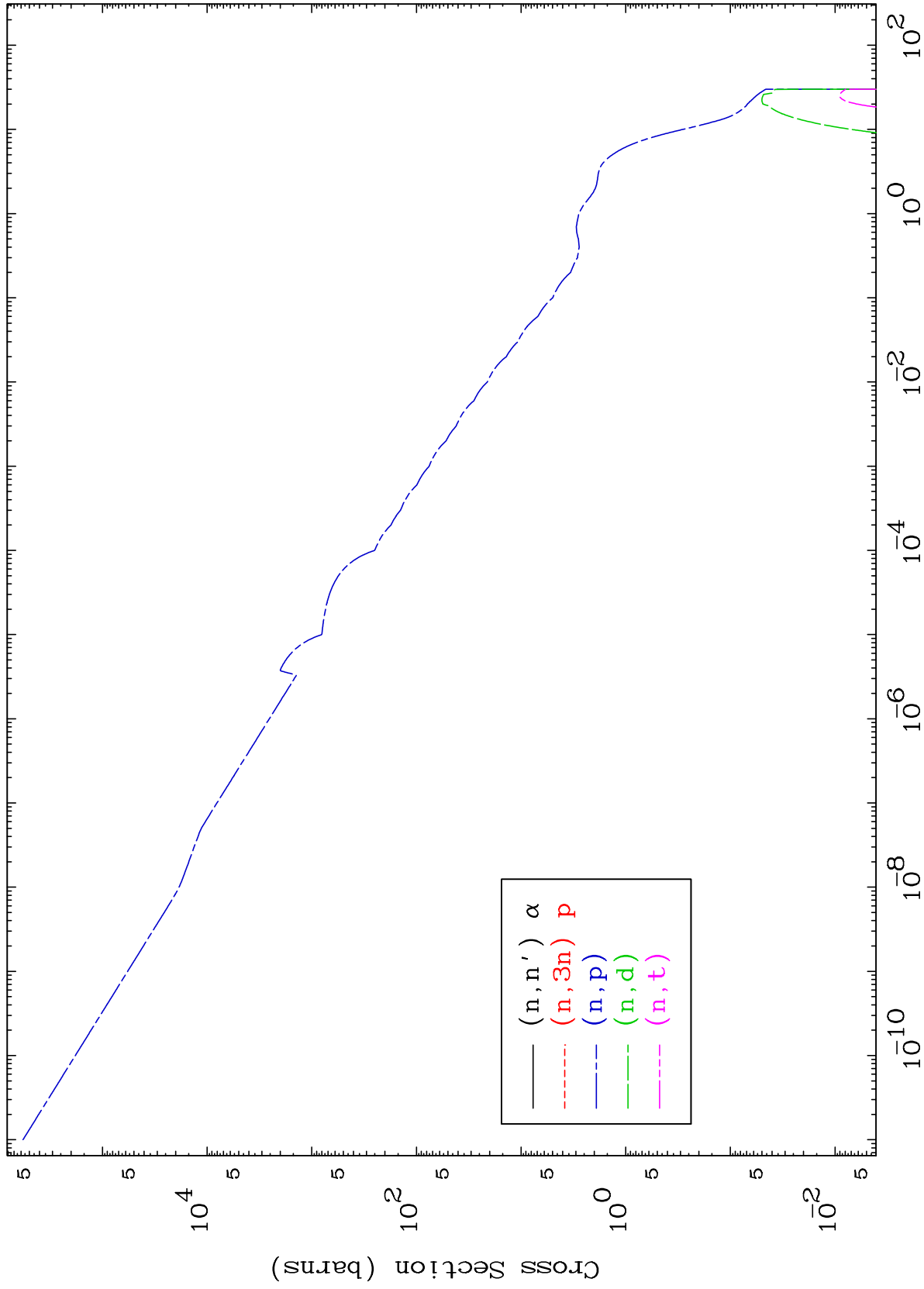
Incident Energy (MeV)

65-Tb-139

MAT 6465

Charged Particle
293 Kelvin Cross Sections

65-Tb-139



6

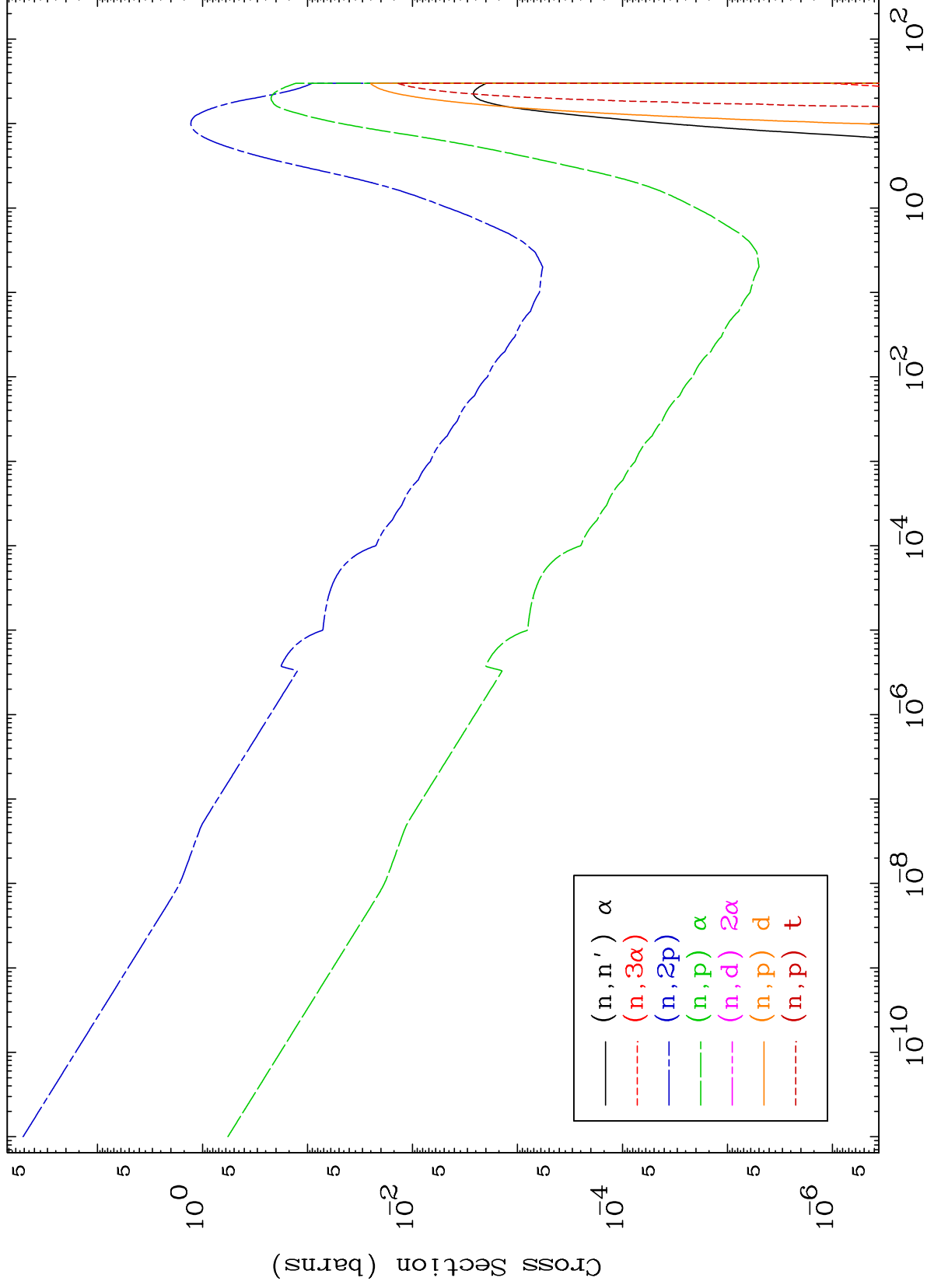
Incident Energy (MeV)

65-Tb-139

MAT 6465

Charged Particle
293 Kelvin Cross Sections

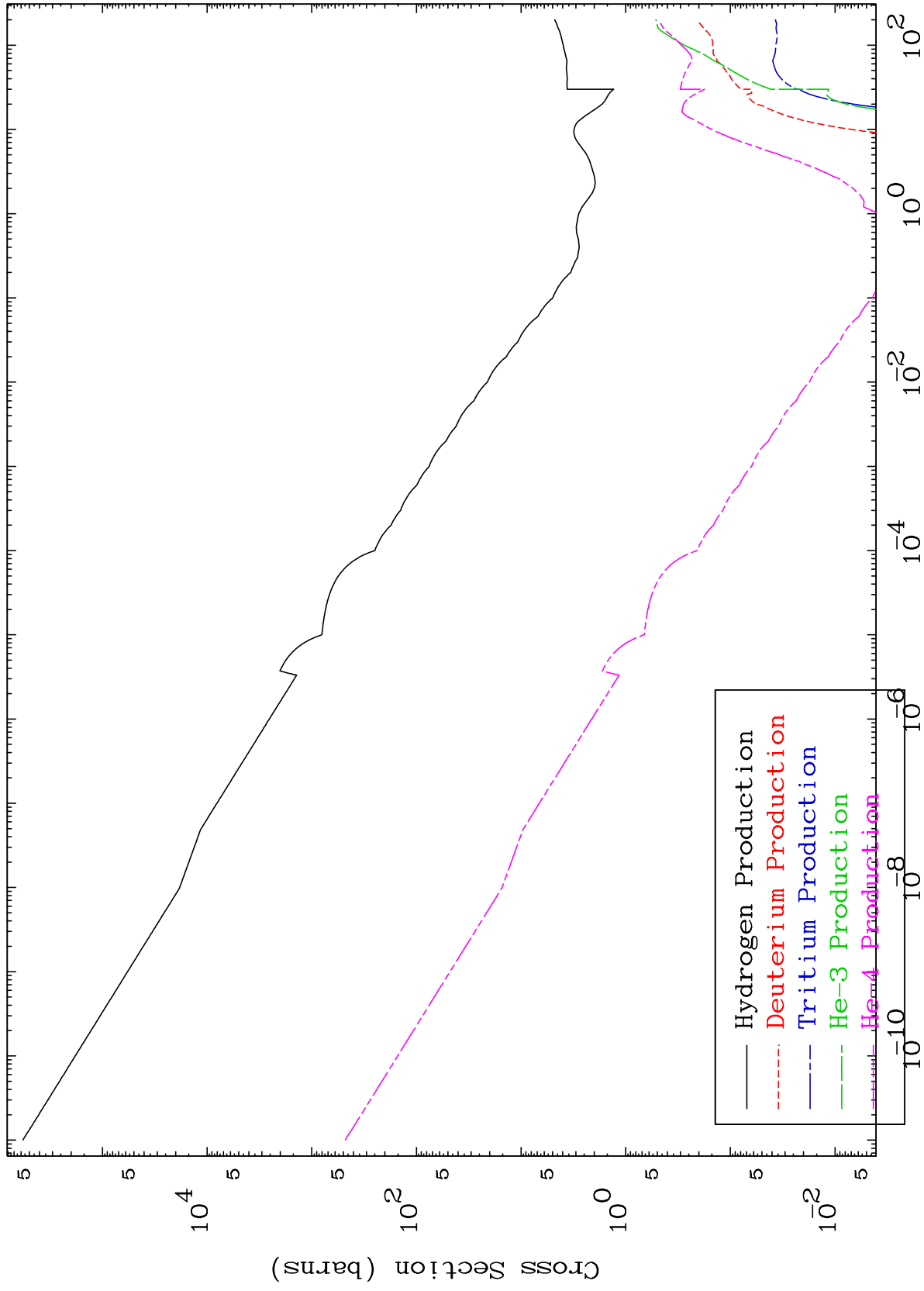
65-Tb-139



MAT 6465

Particle Production
293 Kelvin Cross Sections

65-Tb-139



8

Incident Energy (MeV)

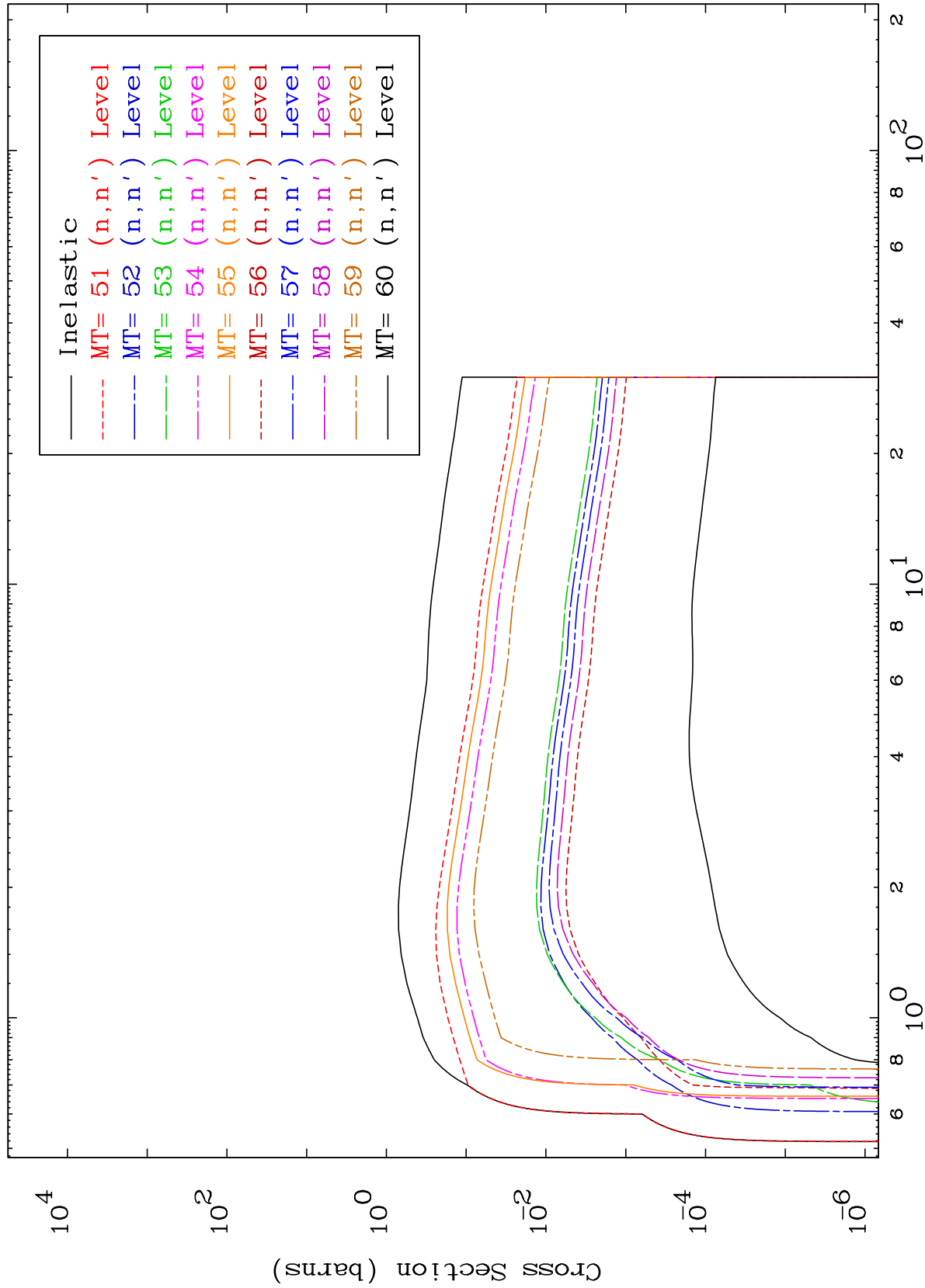
65-Tb-139

MAT 6465

(n,n') Levels

65-Tb-139

293 Kelvin Cross Sections

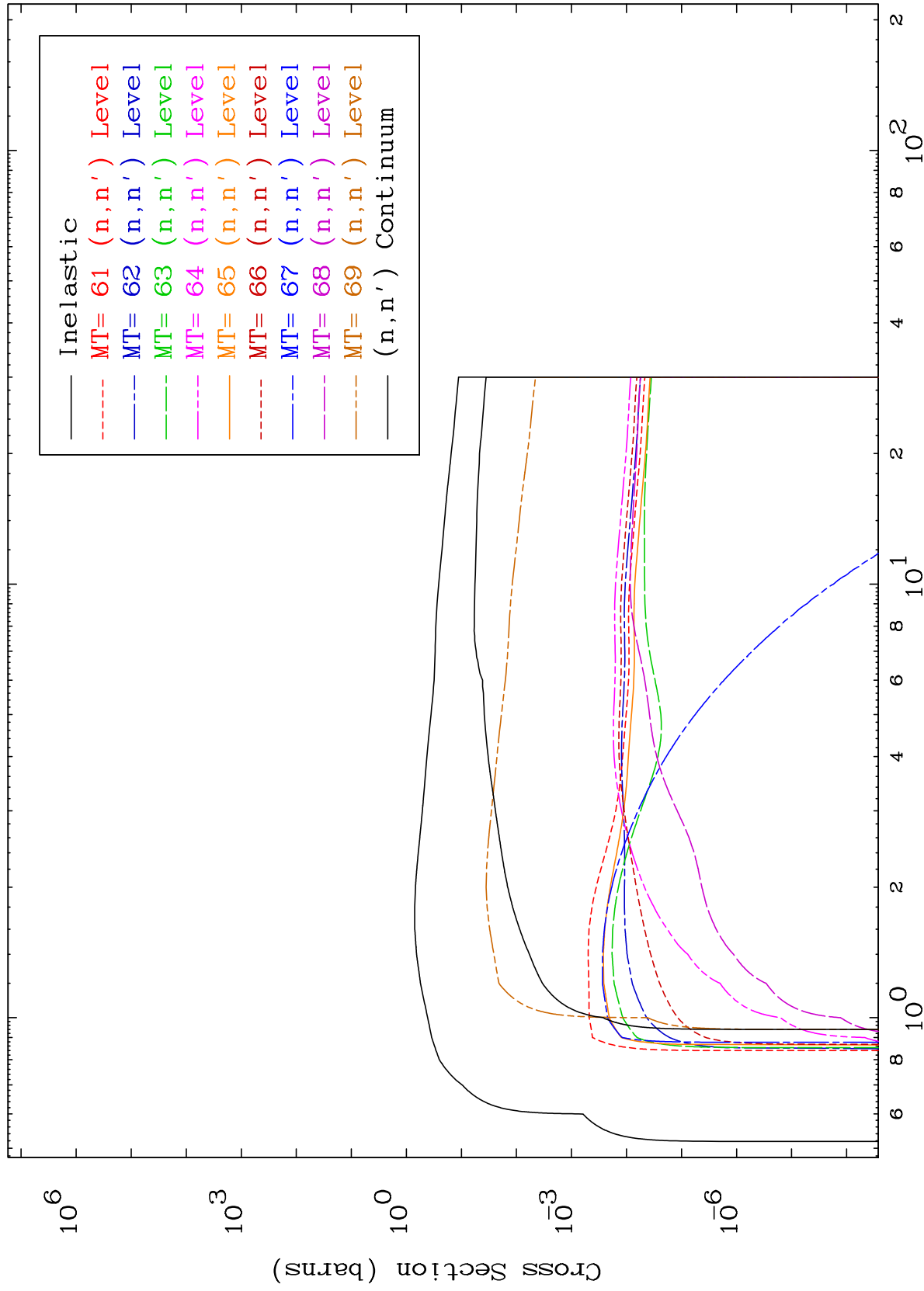


MAT 6465

(n,n') Levels

65-Tb-139

293 Kelvin Cross Sections



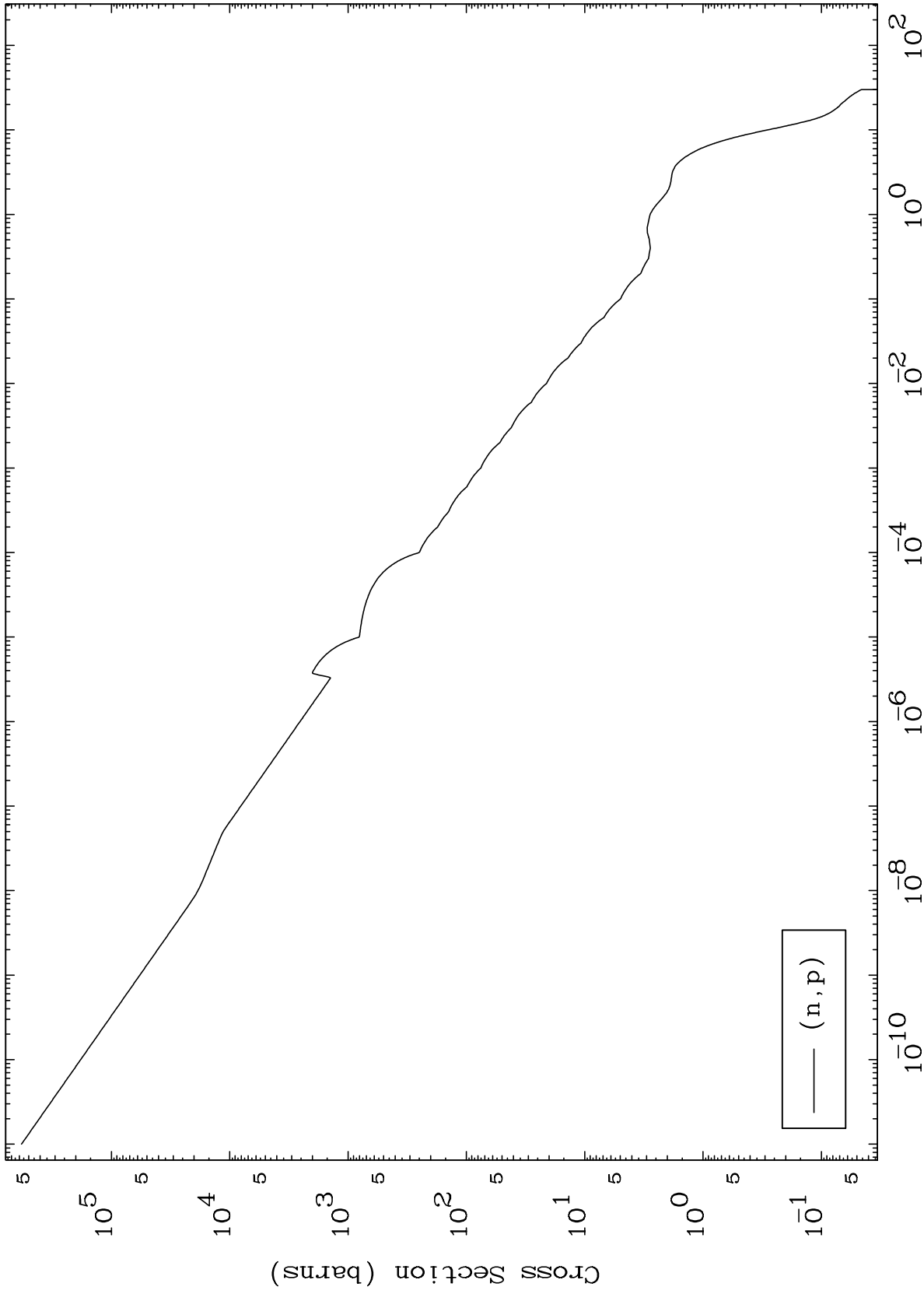
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-139



11

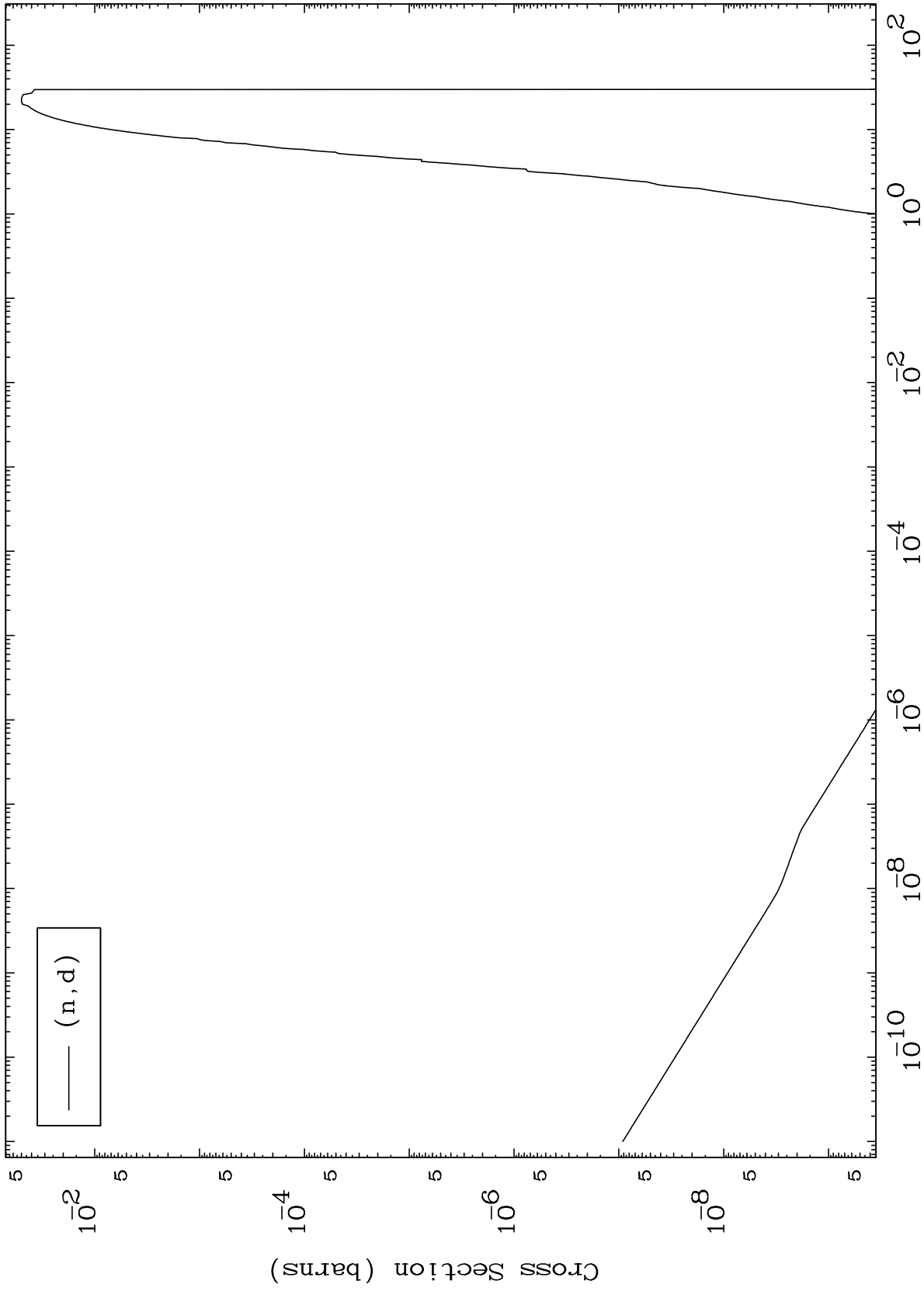
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-139



12

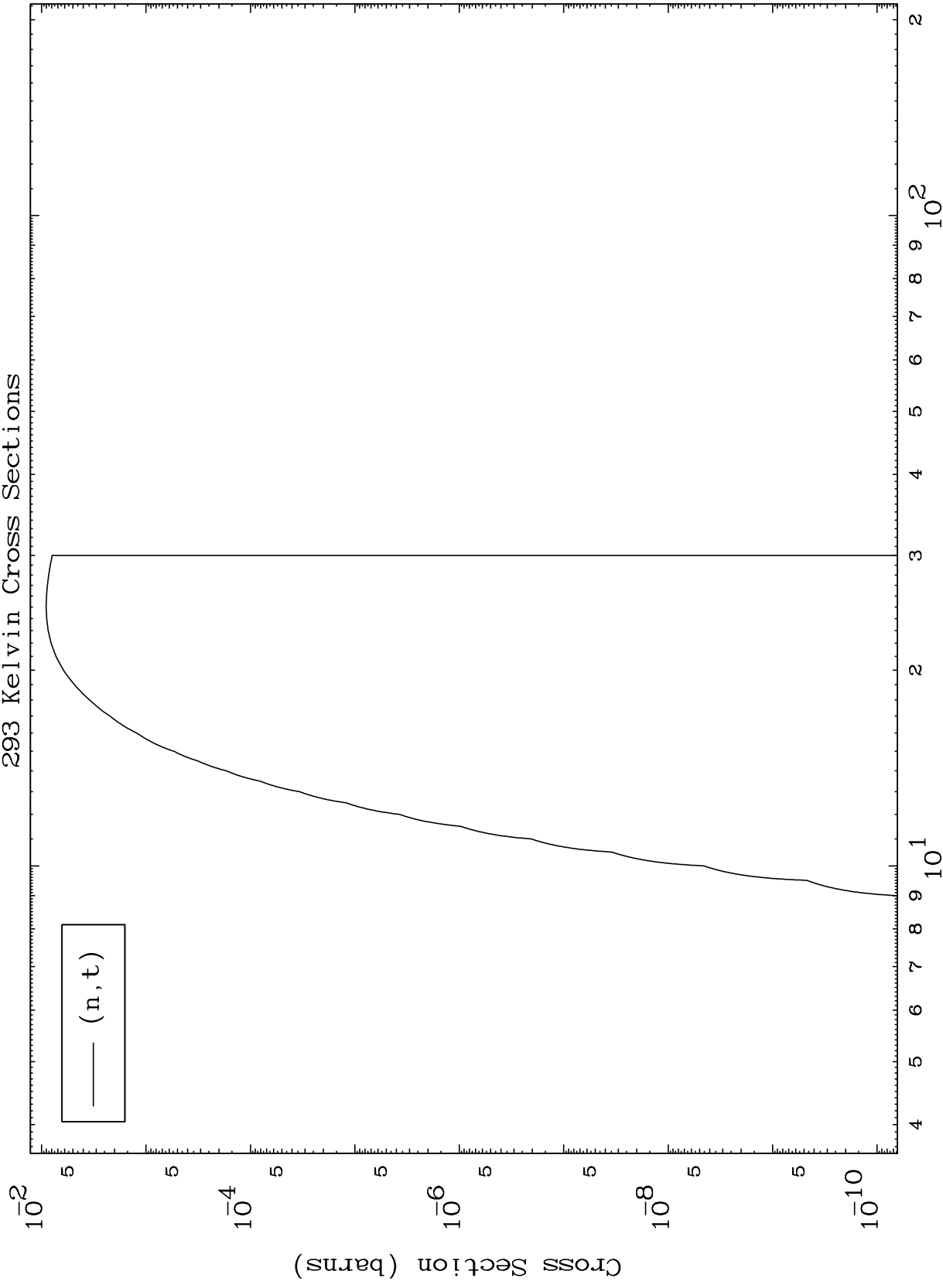
Incident Energy (MeV)

65-Tb-139

MAT 6465

65-Tb-139

(n,t) Levels
293 Kelvin Cross Sections



13

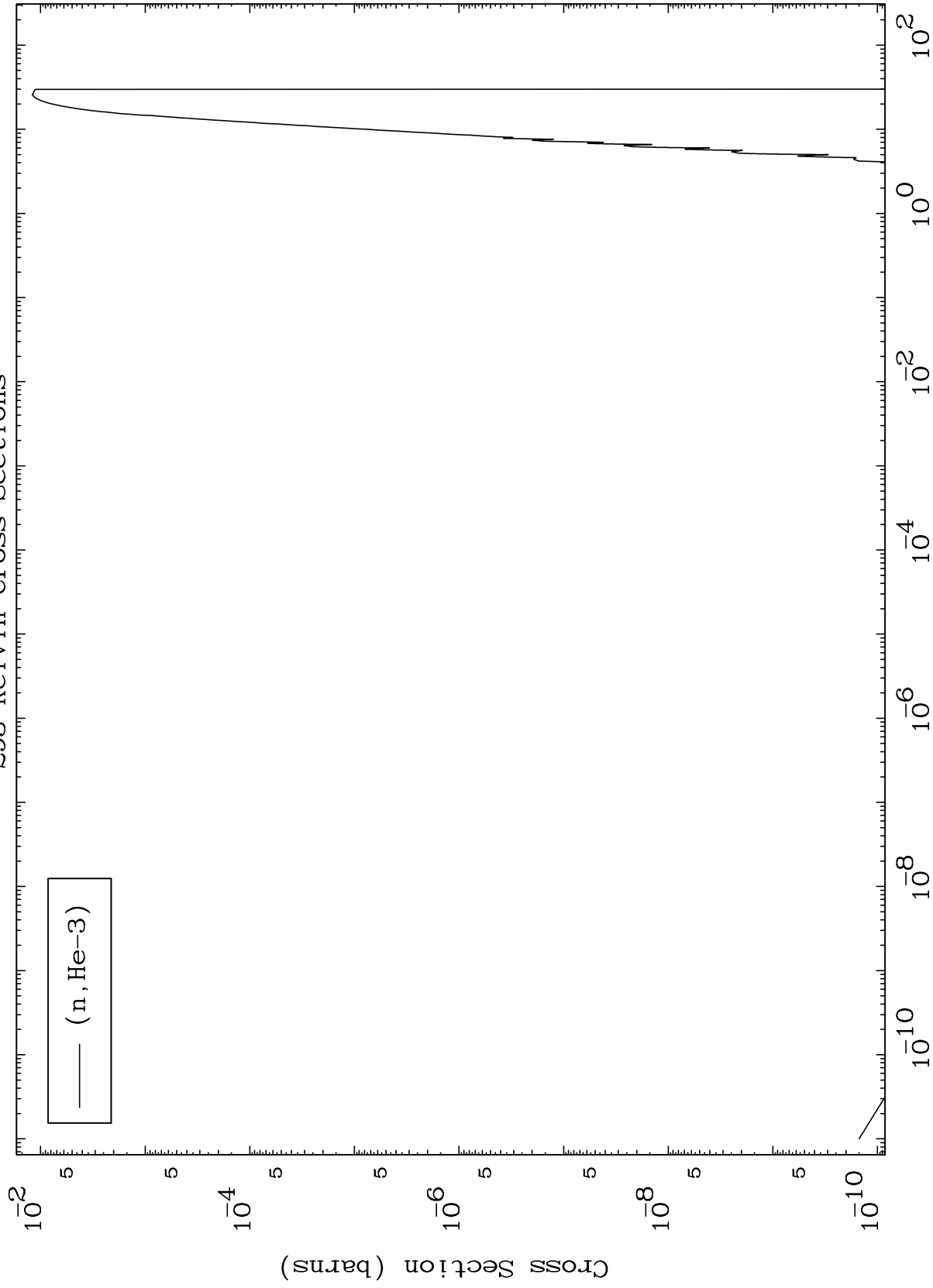
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-139



14

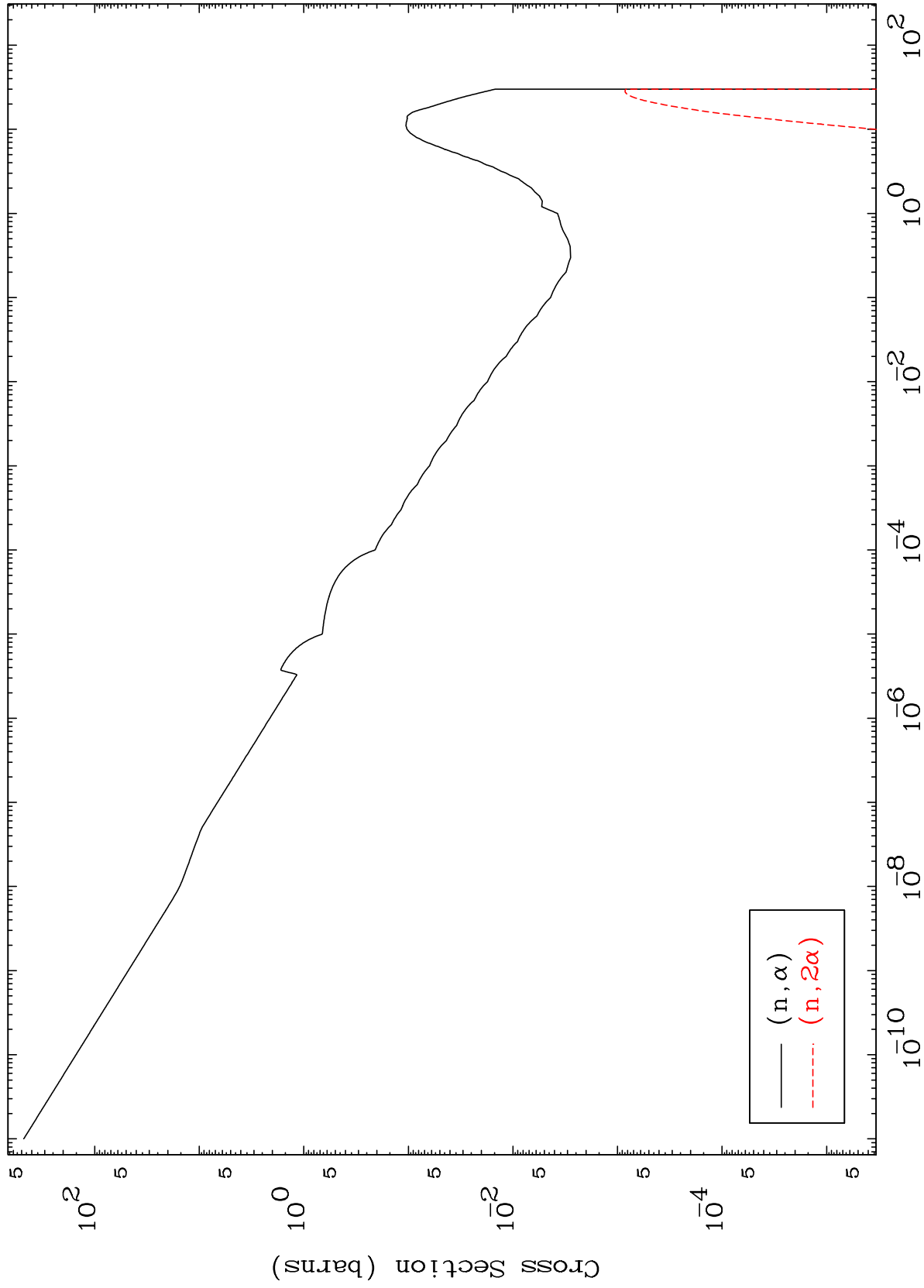
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n, α) Levels
293 Kelvin Cross Sections

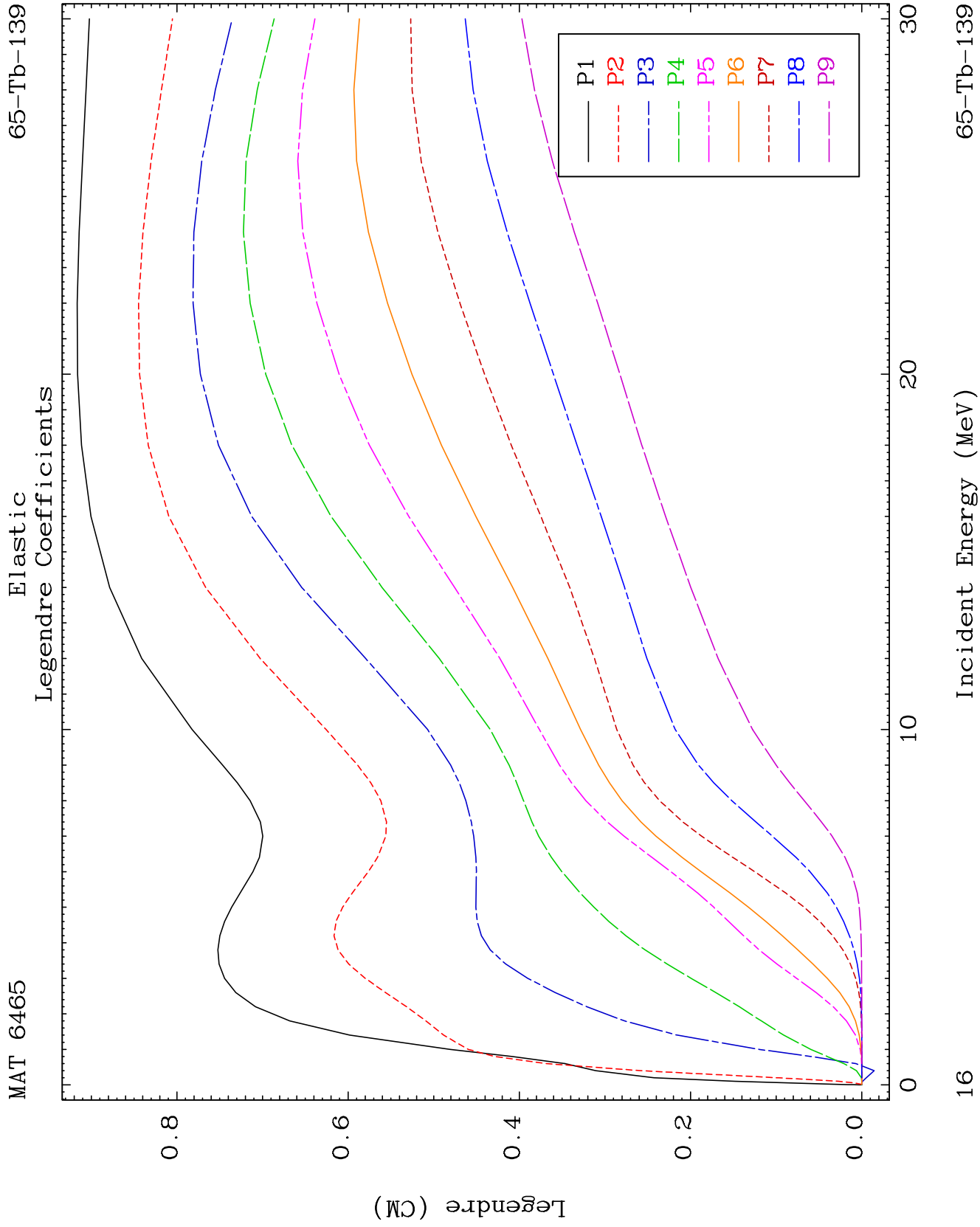
65-Tb-139

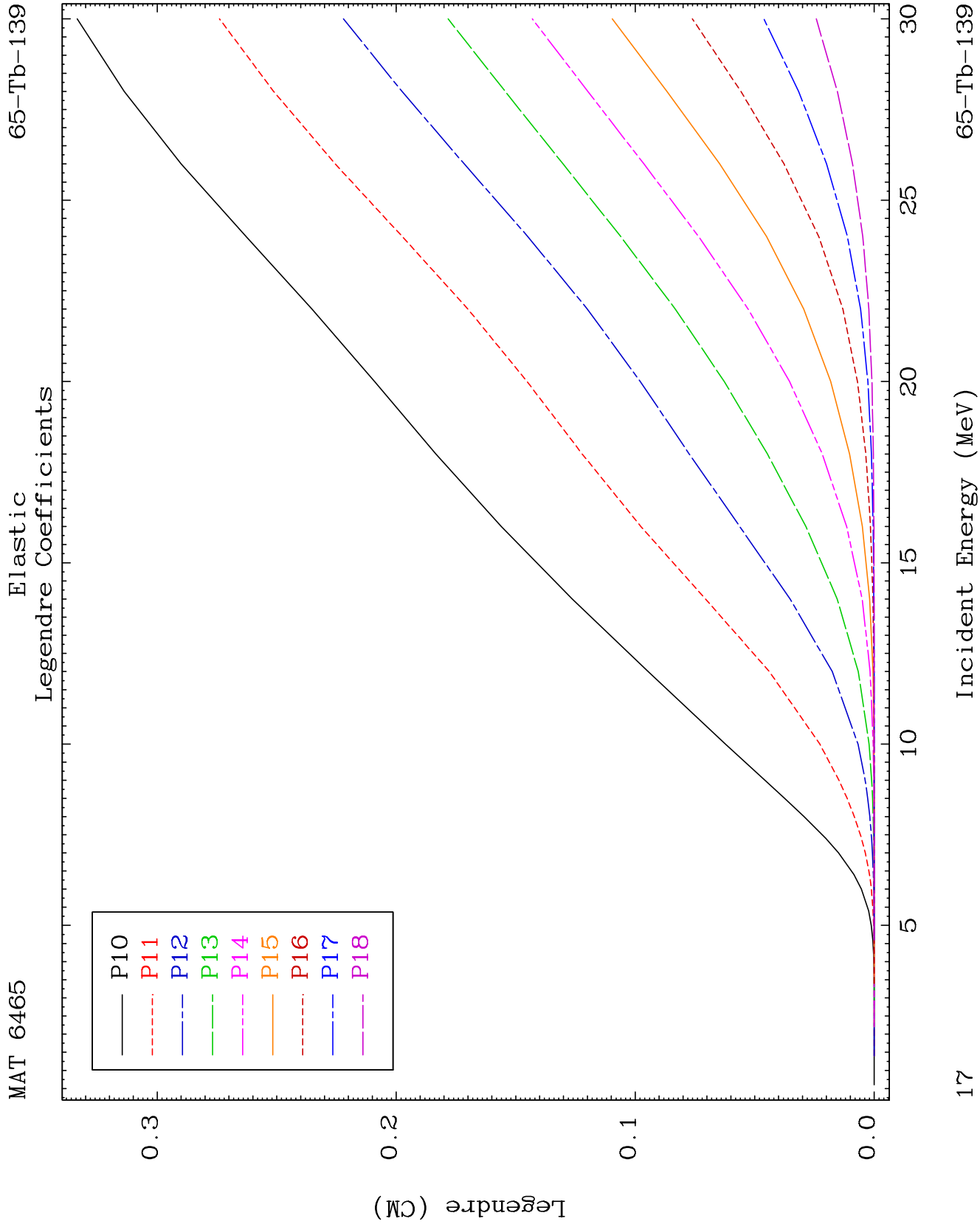


15

Incident Energy (MeV)

65-Tb-139

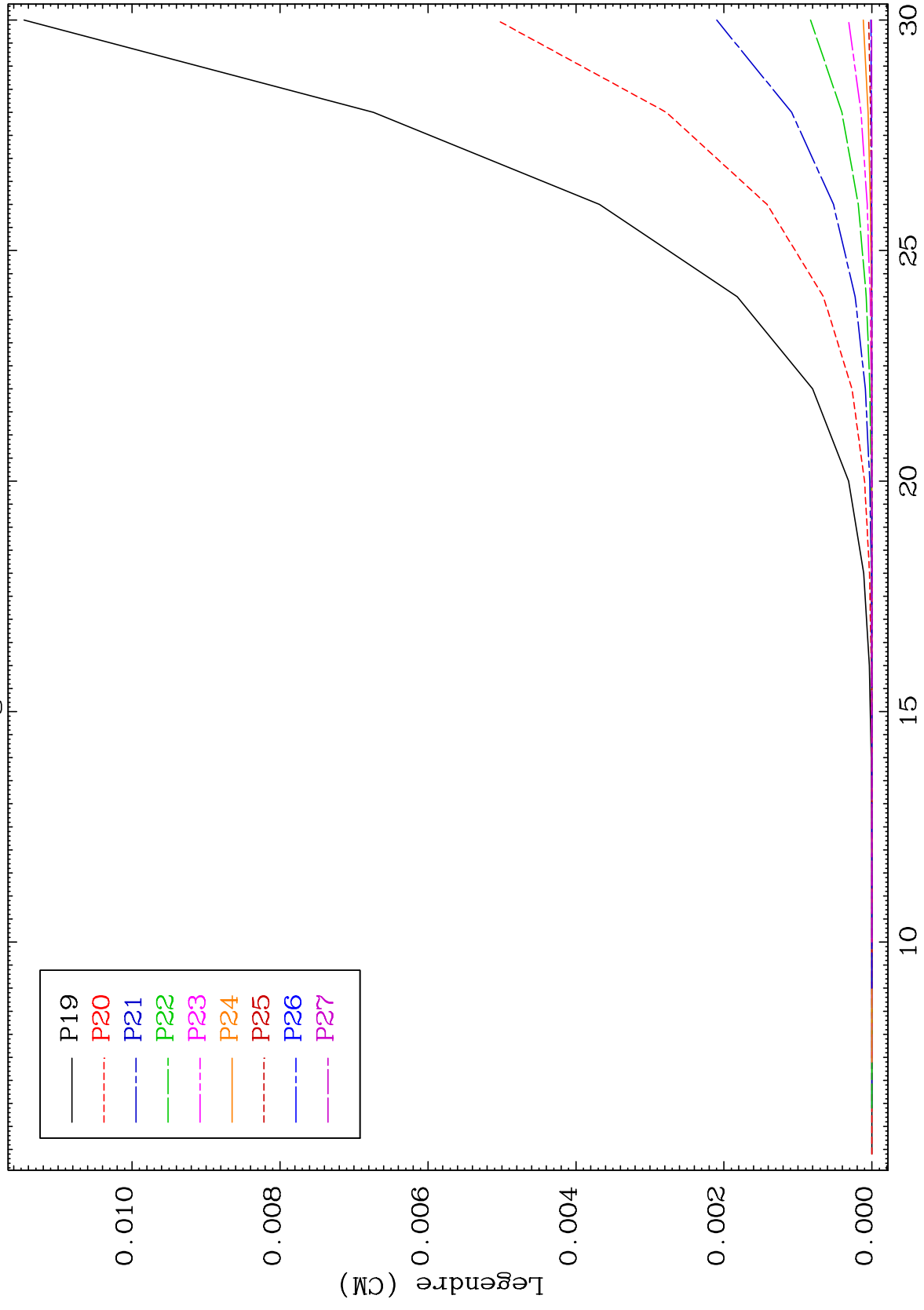




MAT 6465

Elastic Legendre Coefficients

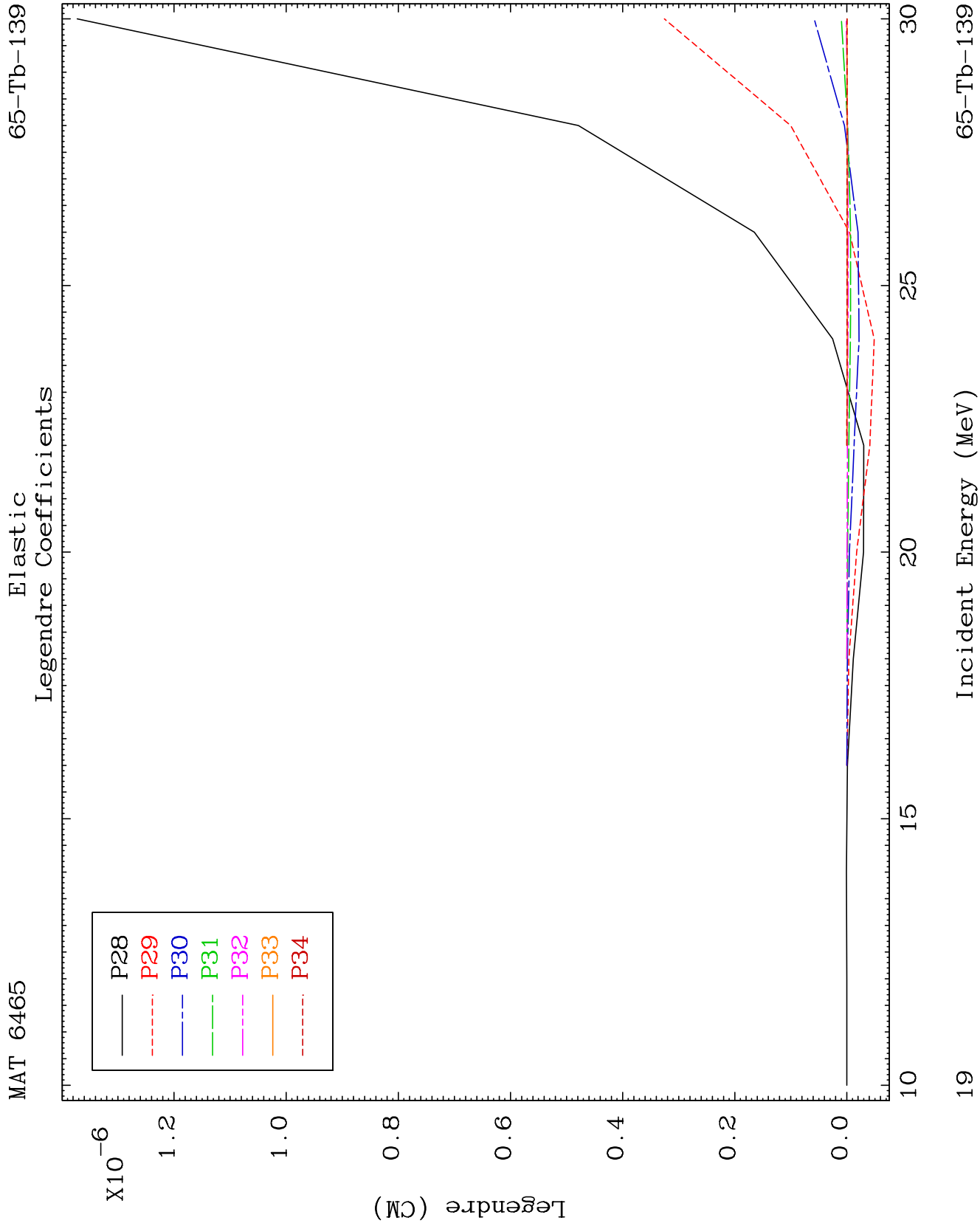
65-Tb-139



18

Incident Energy (MeV)

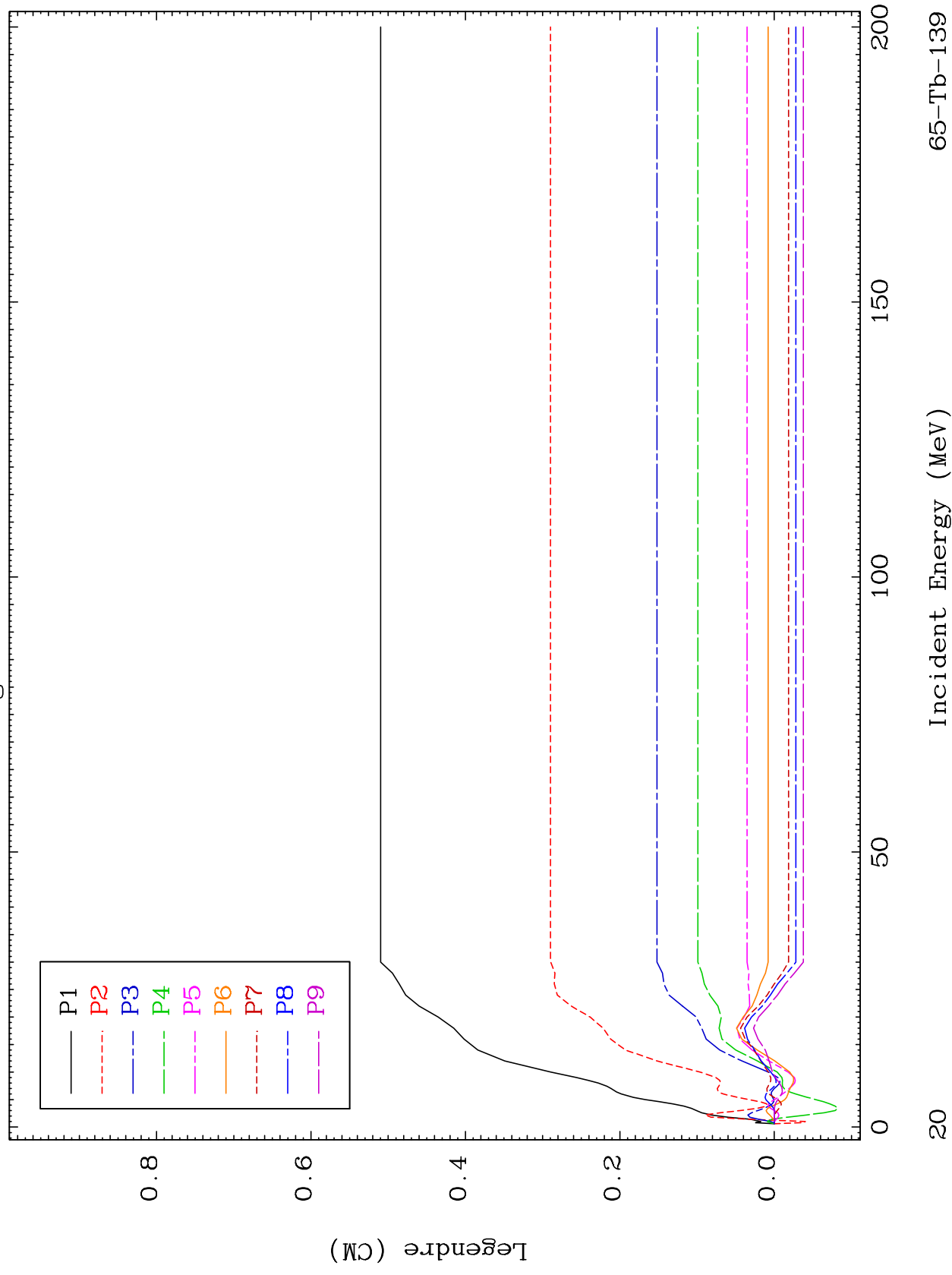
65-Tb-139



MAT 6465

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

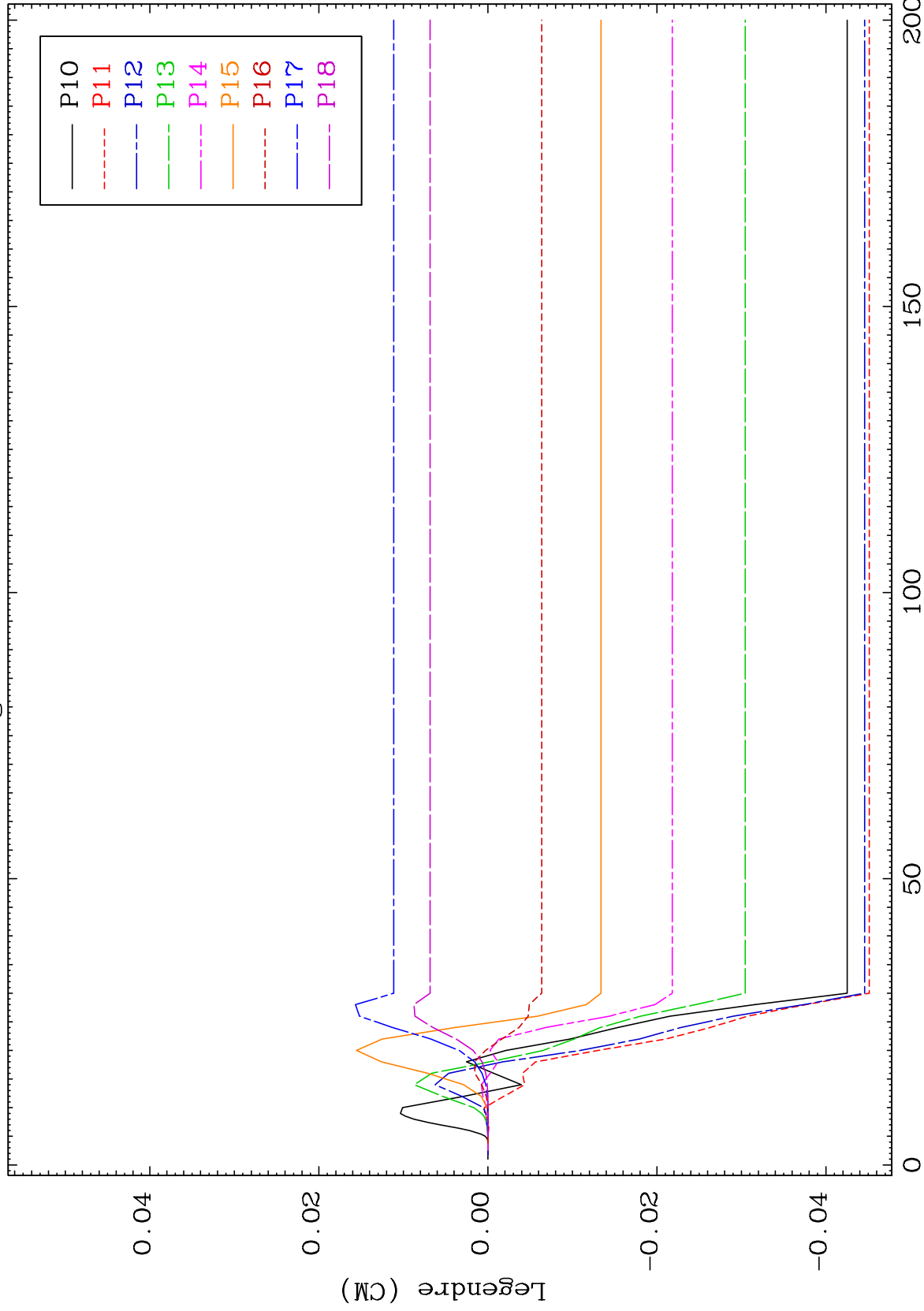
65-Tb-139



MAT 6465

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

65-Tb-139



21

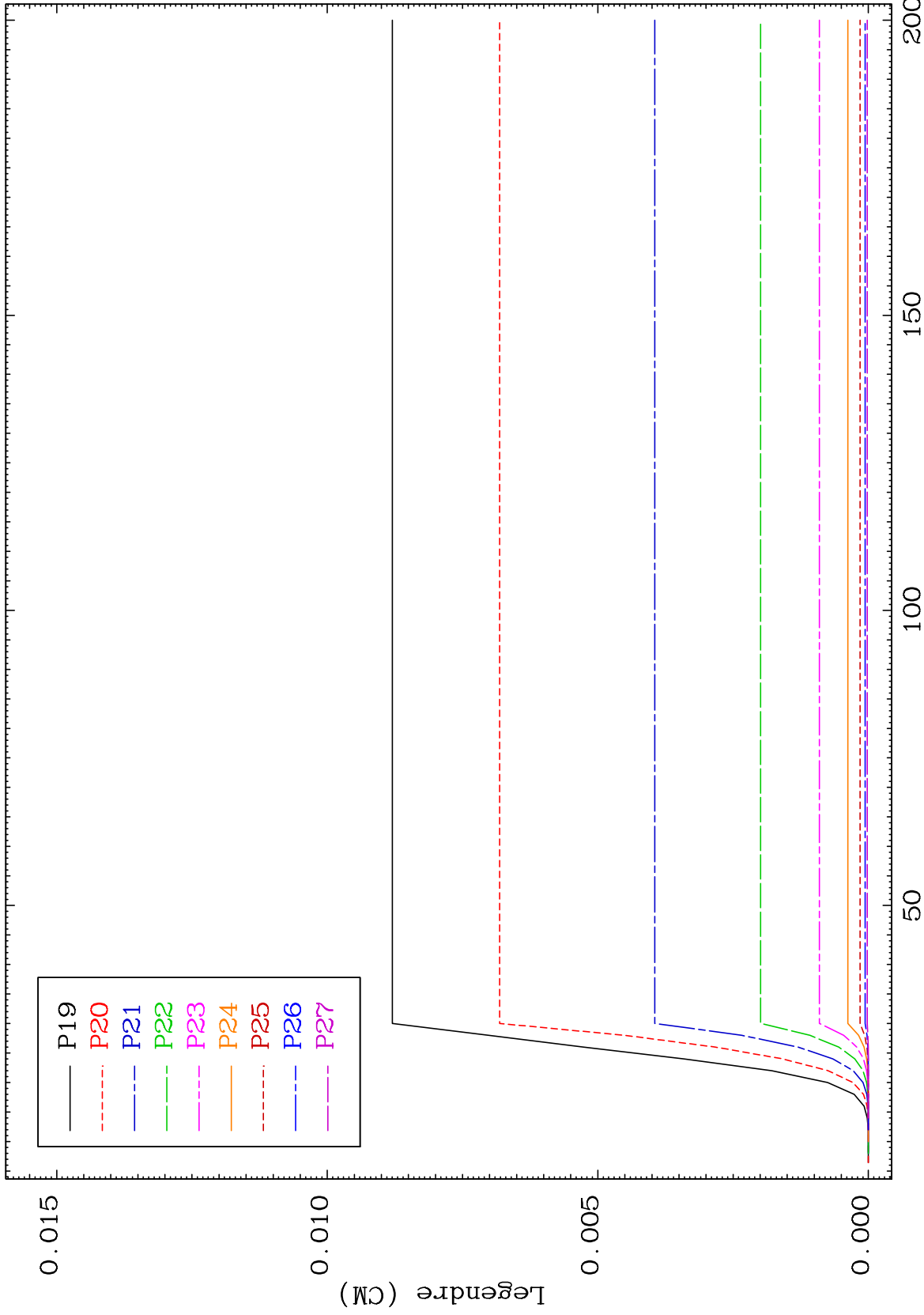
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

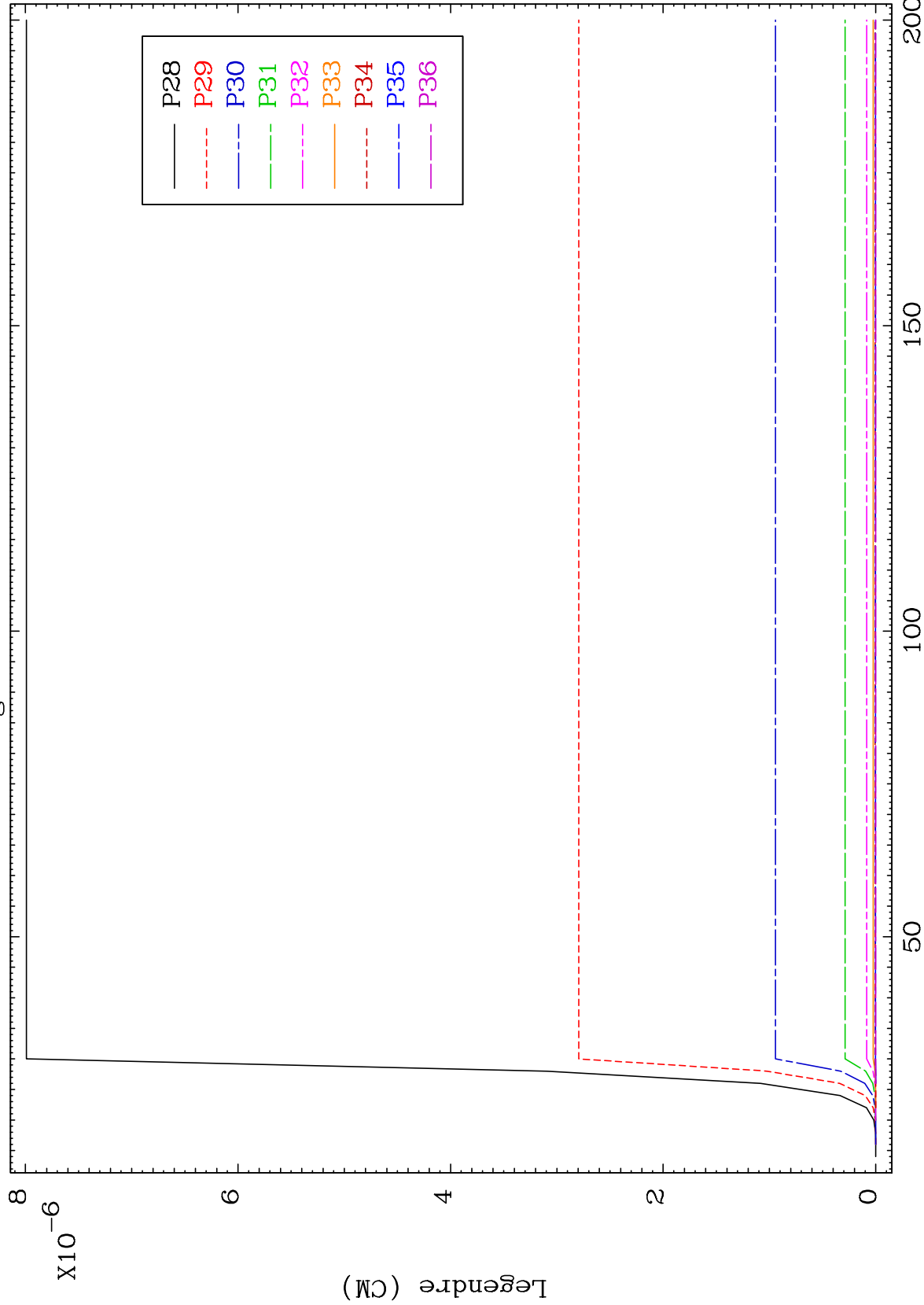
65-Tb-139



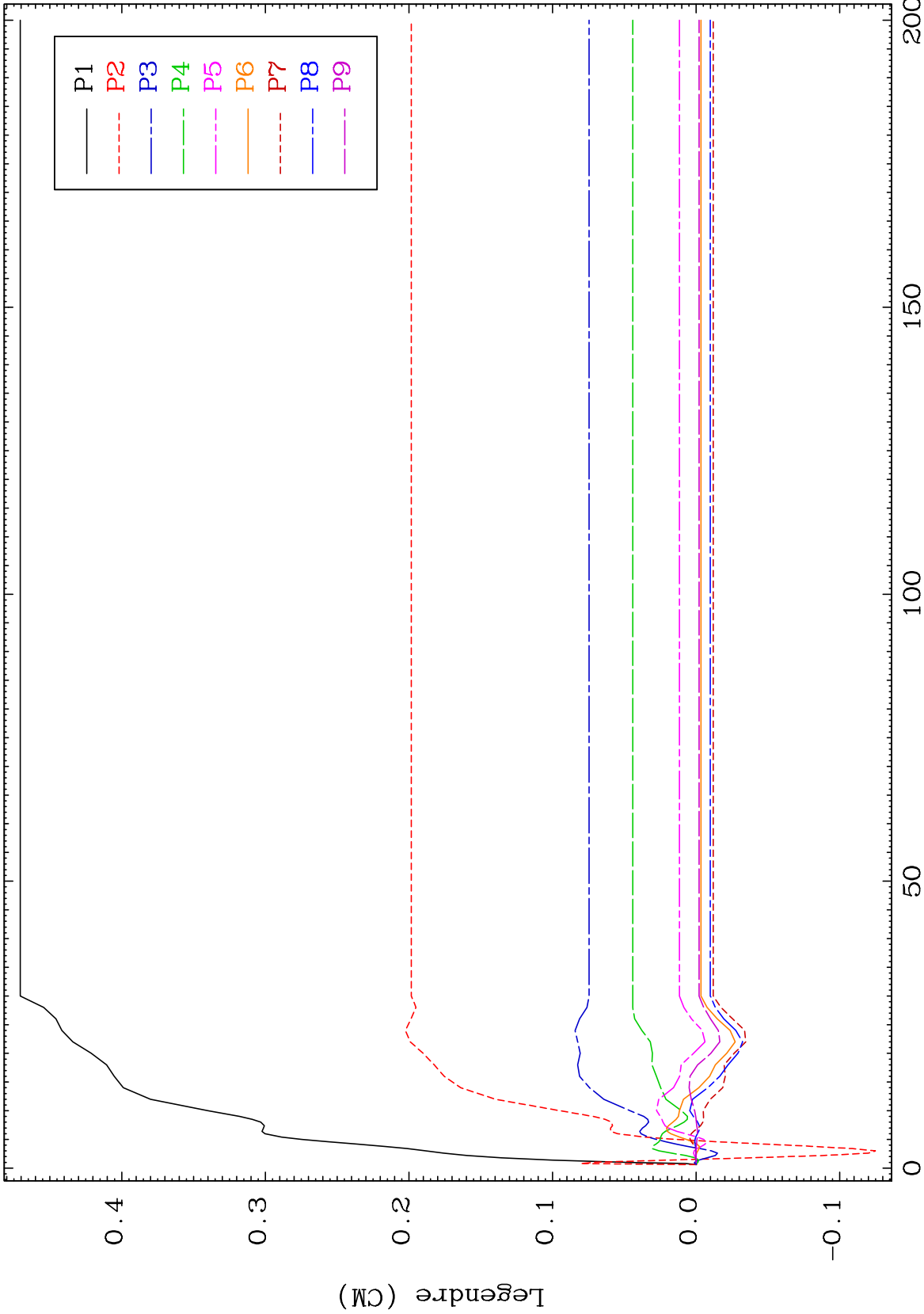
22

Incident Energy (MeV)

65-Tb-139



MAT 6465 MT= 52 (n,n') Level Legendre Coefficients 65-Tb-139

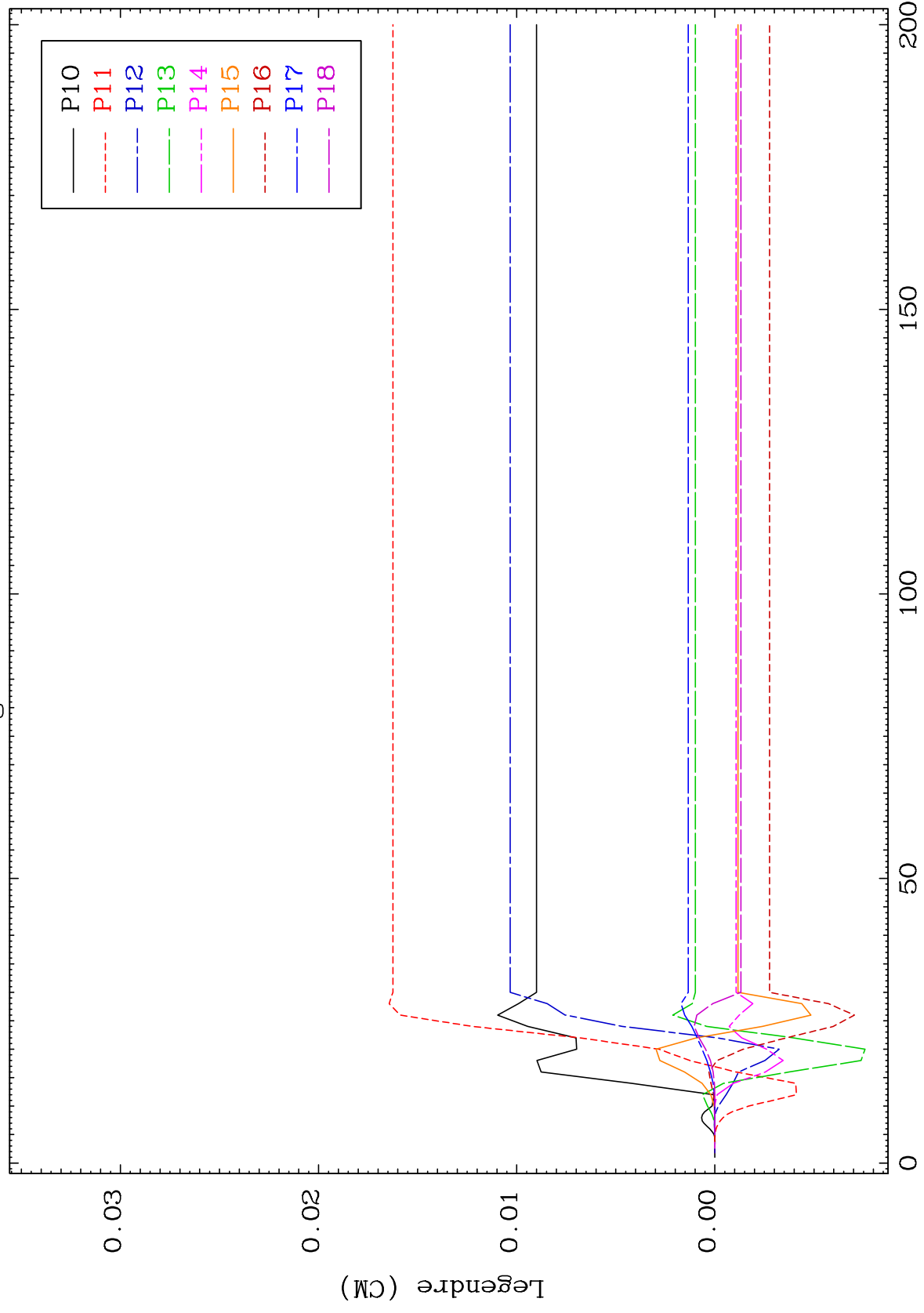


24 Incident Energy (MeV) 65-Tb-139

MAT 6465

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

65-Tb-139

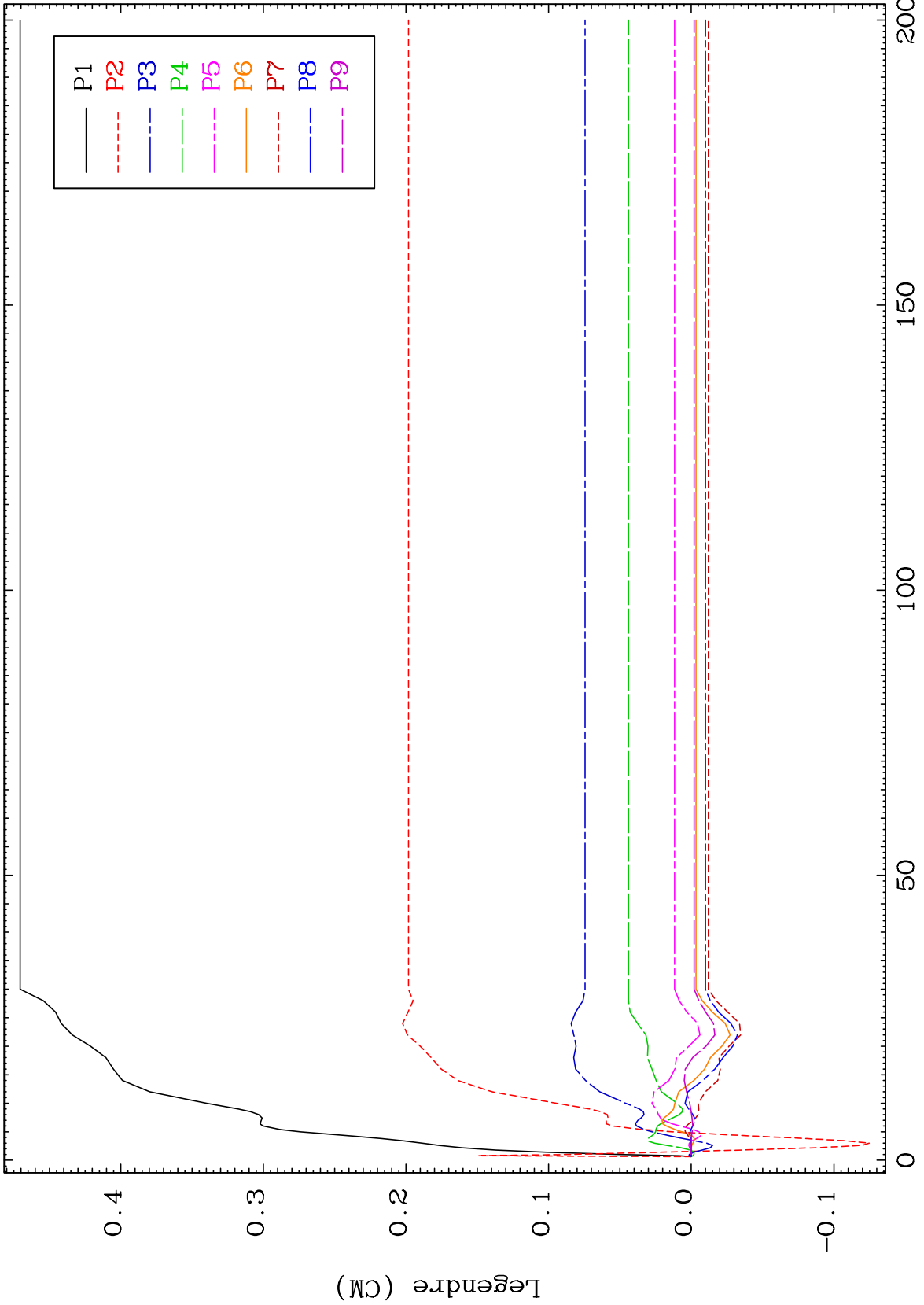


25

Incident Energy (MeV)

65-Tb-139

MAT 6465 MT= 53 (n,n') Level Legendre Coefficients 65-Tb-139

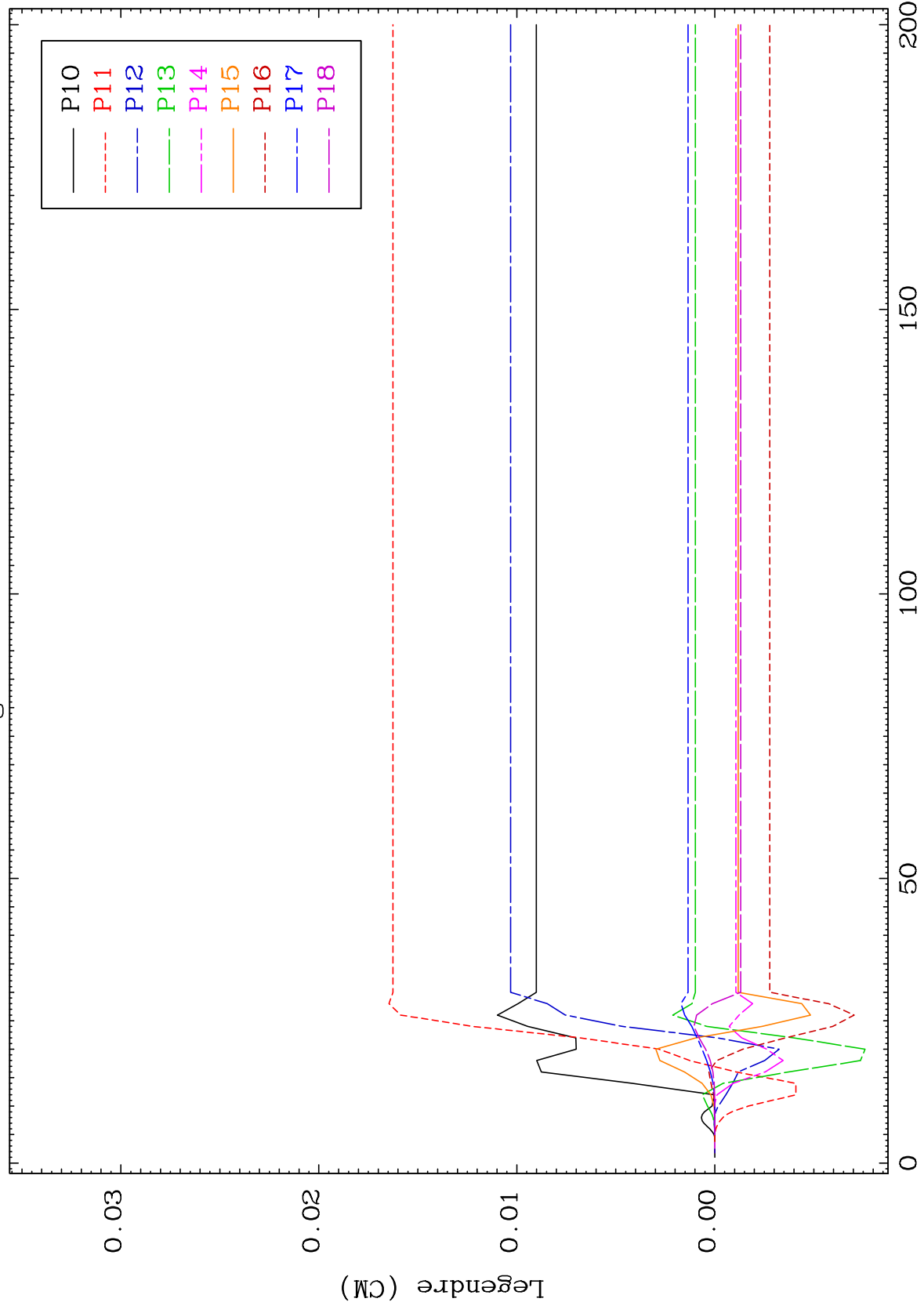


28 Incident Energy (MeV) 65-Tb-139

MAT 6465

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

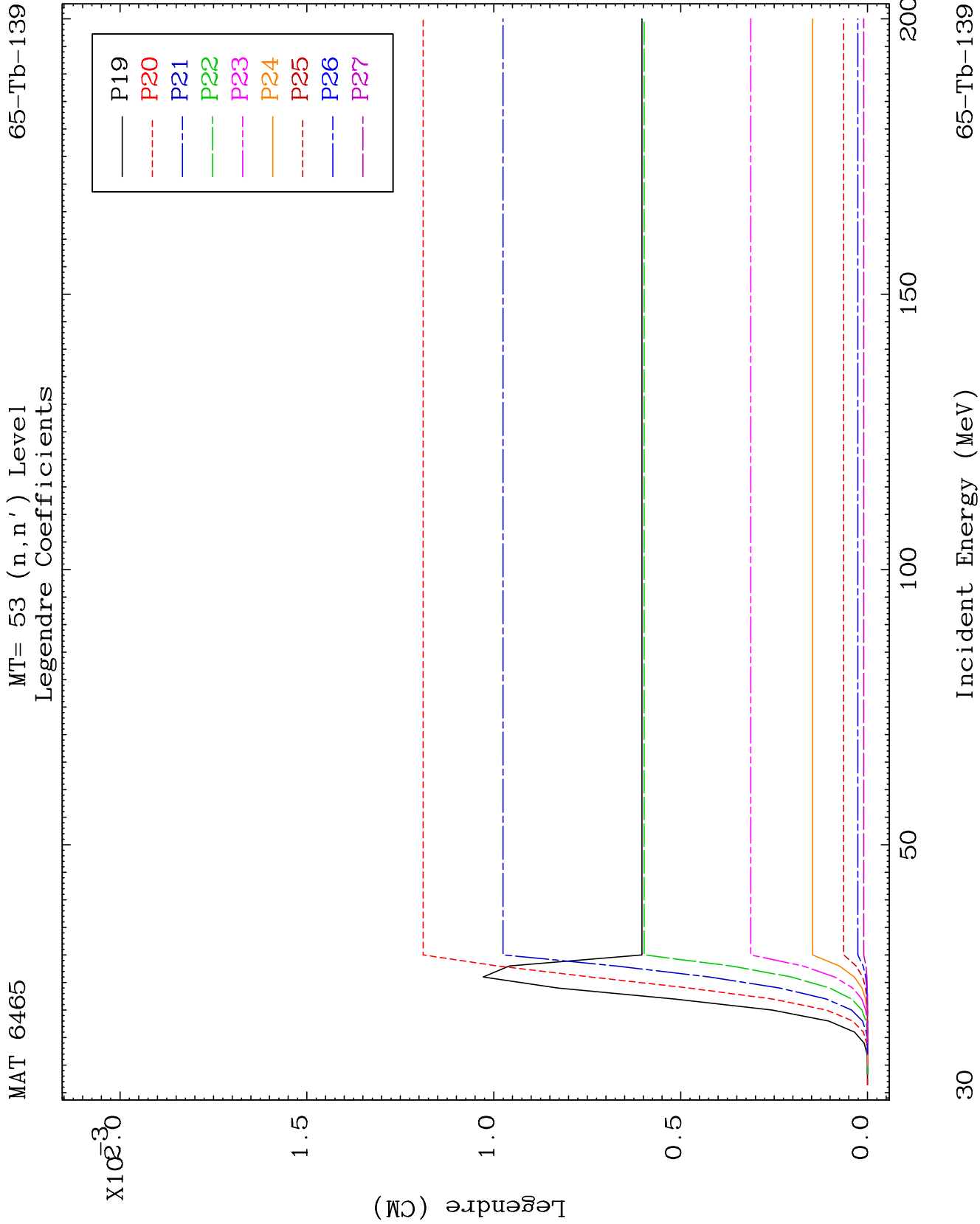
65-Tb-139



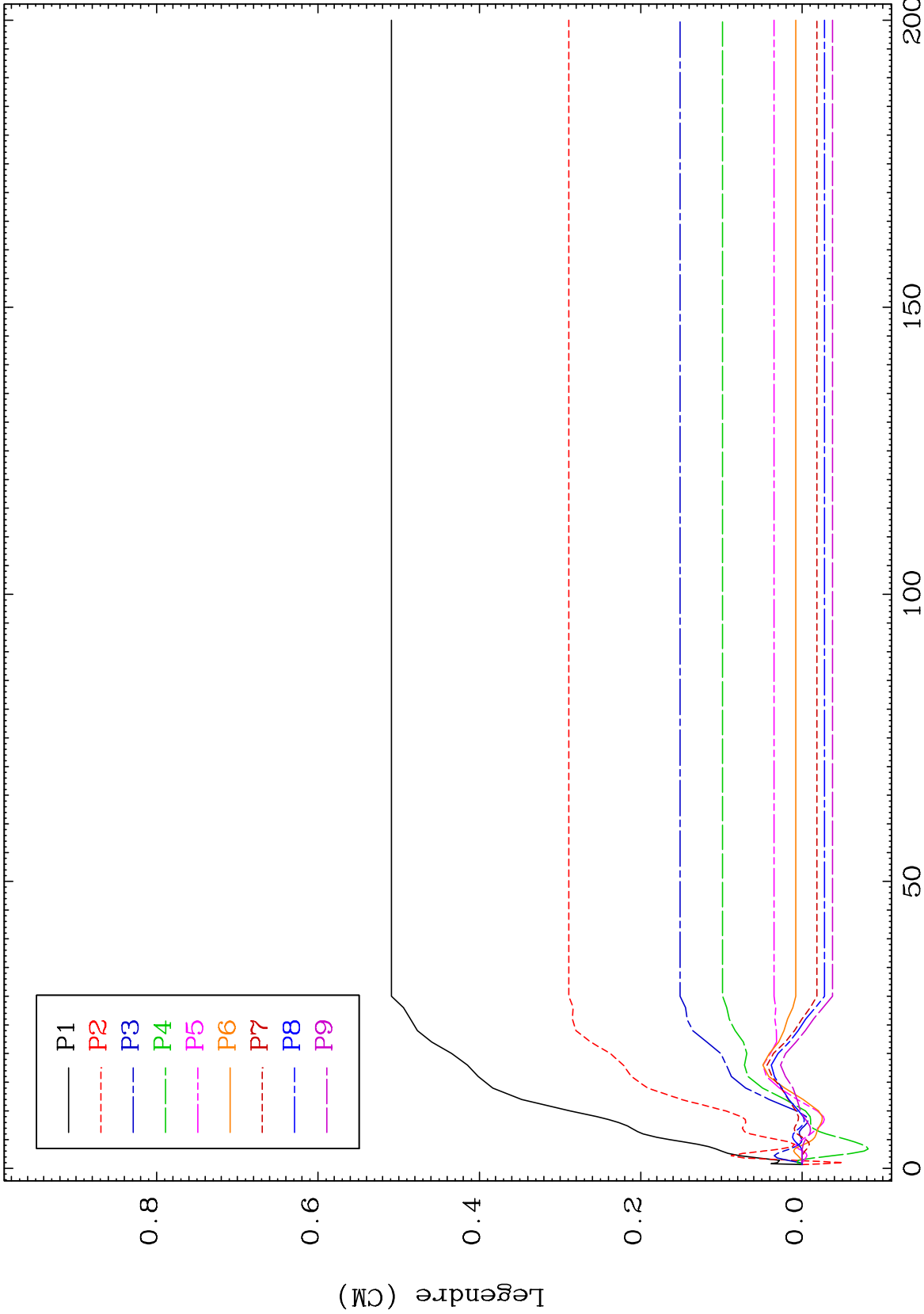
22

Incident Energy (MeV)

65-Tb-139



MAT 6465 MT= 54 (n,n') Level Legendre Coefficients 65-Tb-139

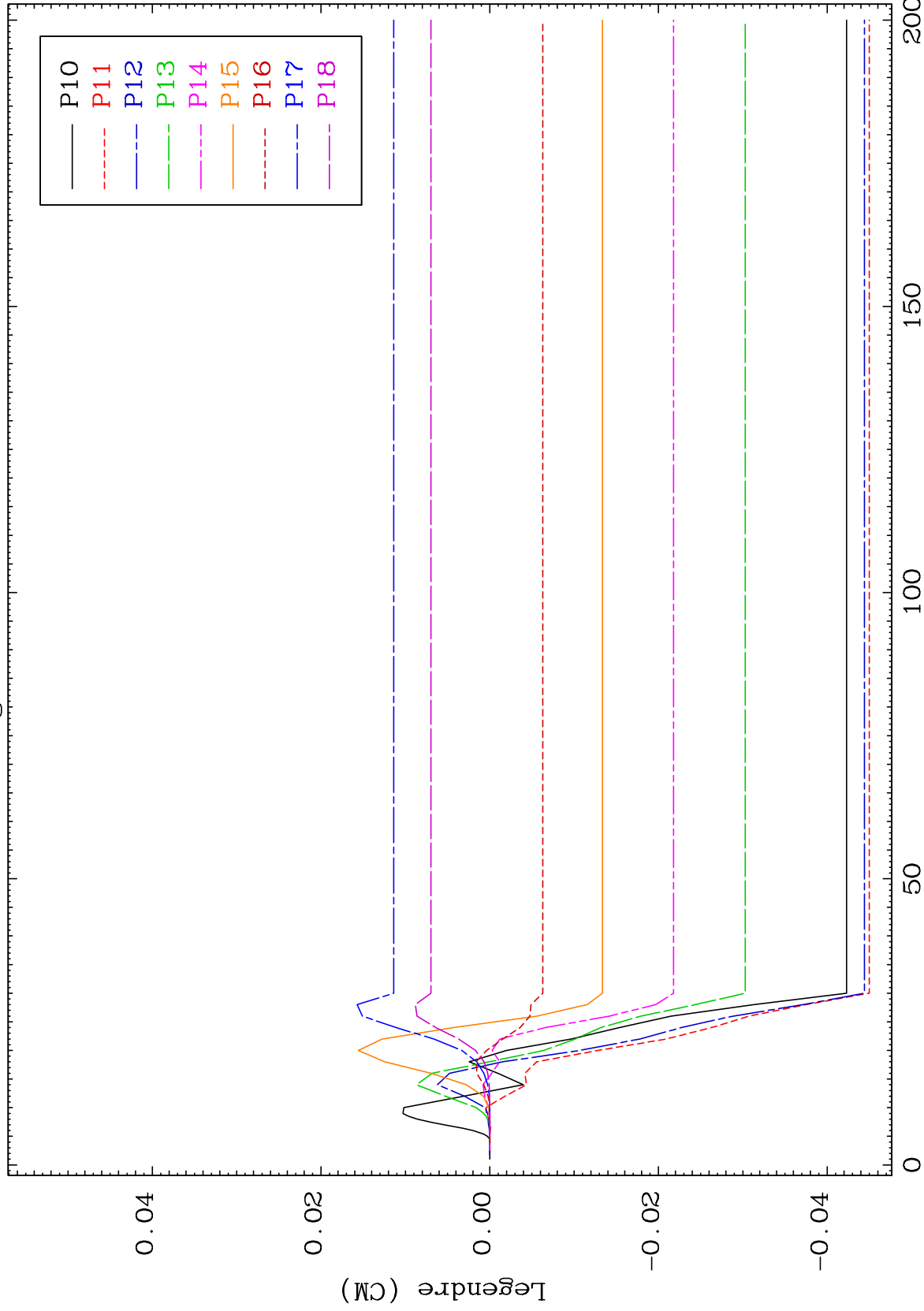


32 Incident Energy (MeV) 65-Tb-139

MAT 6465

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

65-Tb-139



33

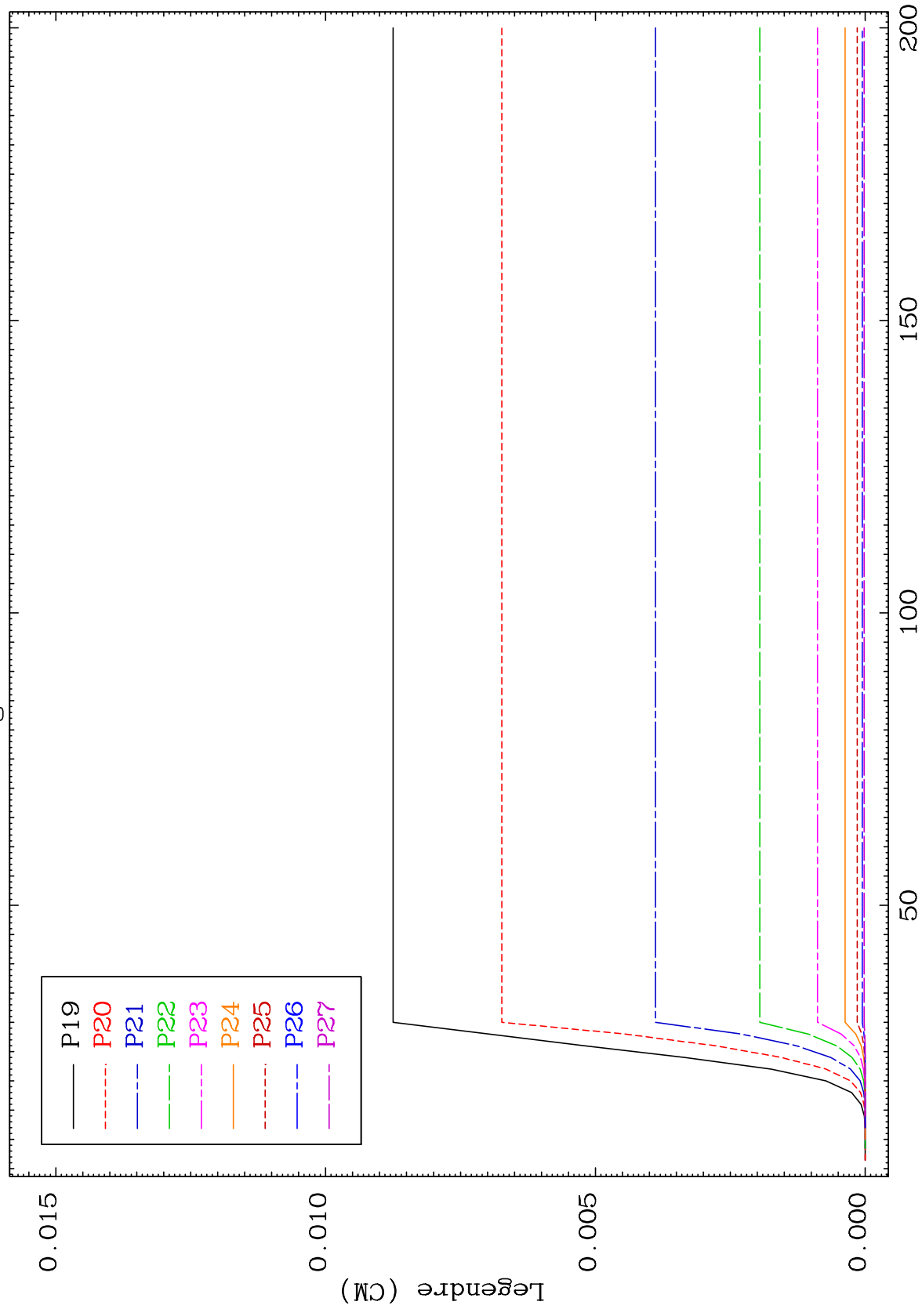
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



34

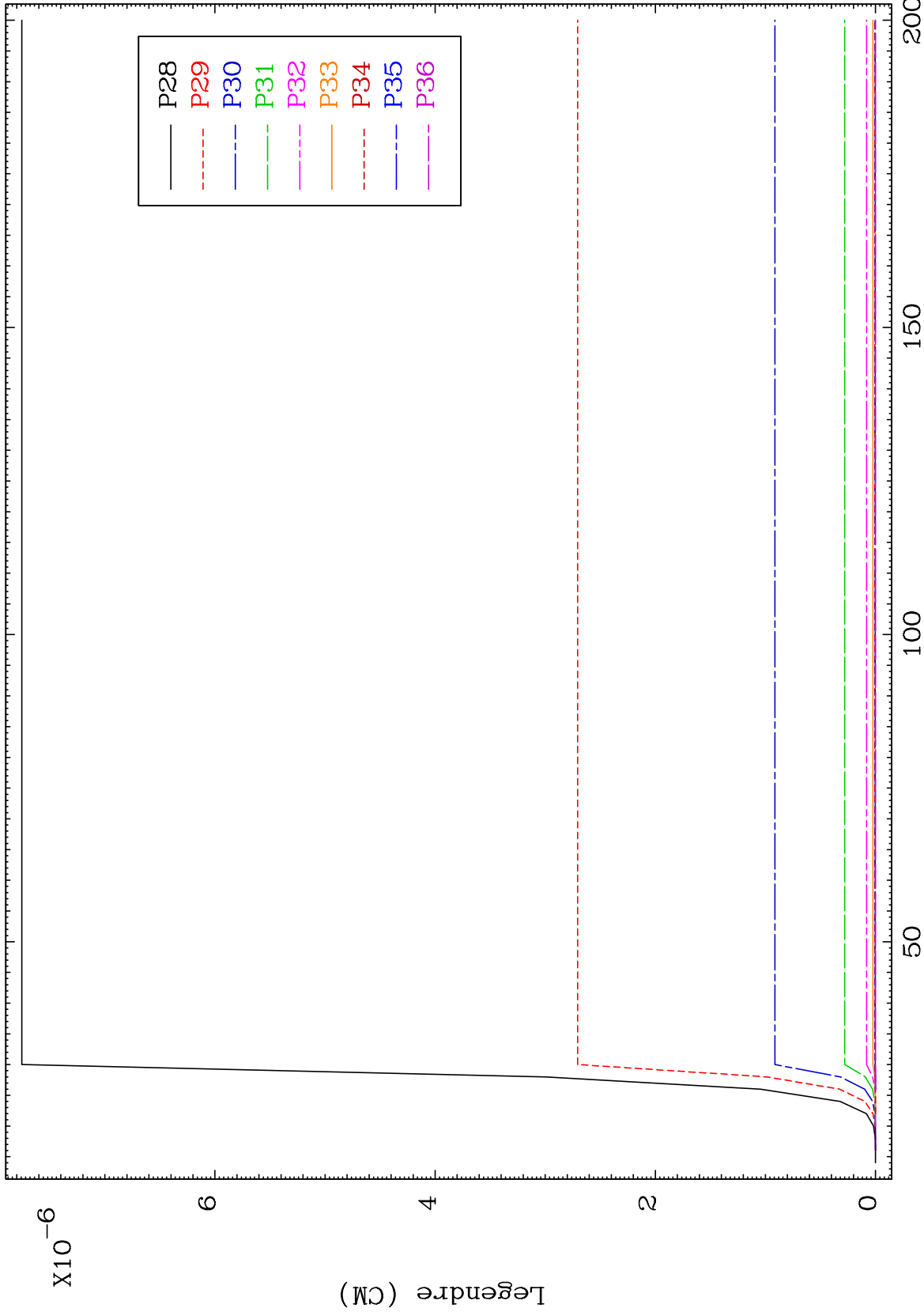
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

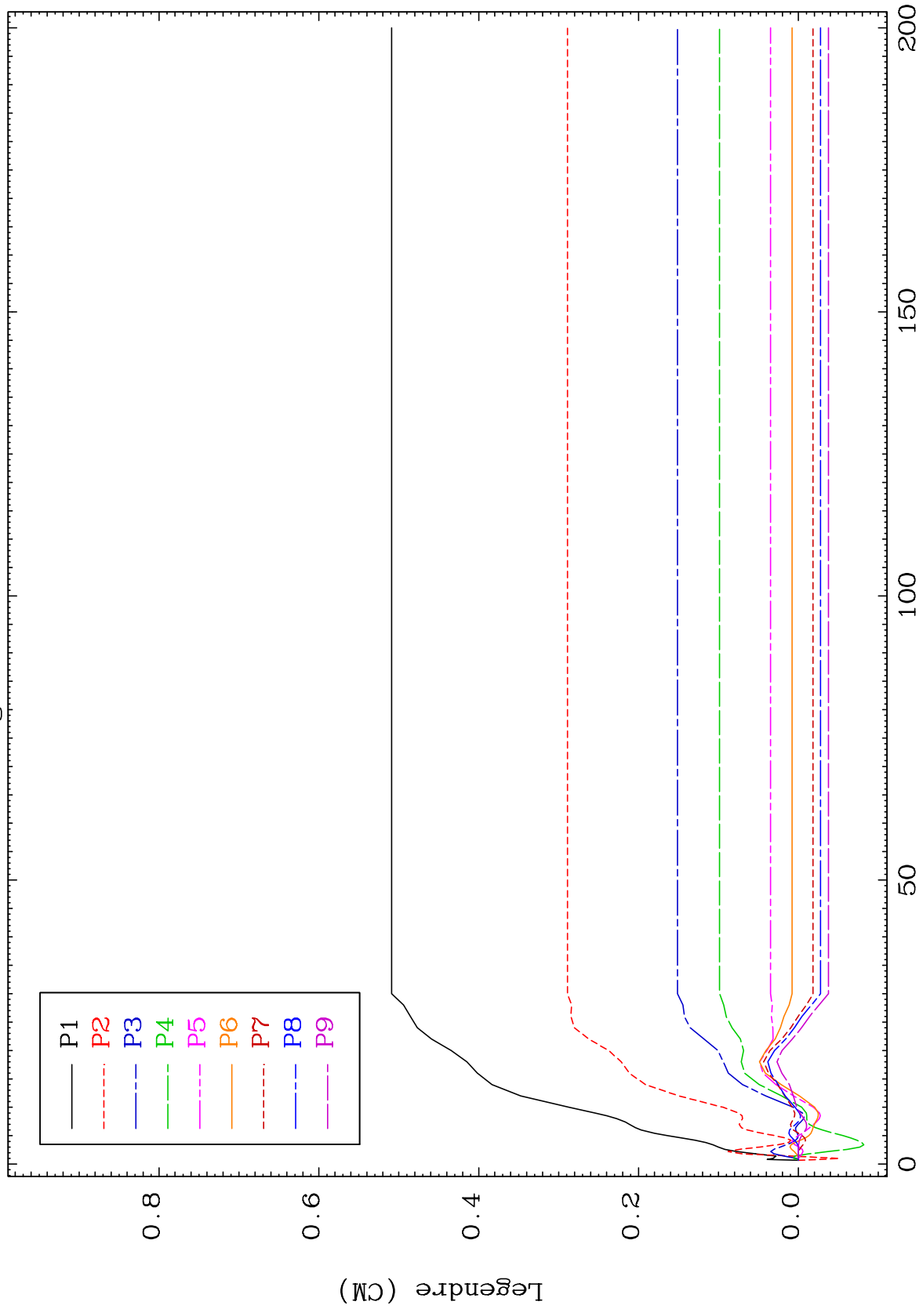
65-Tb-139



MAT 6465

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

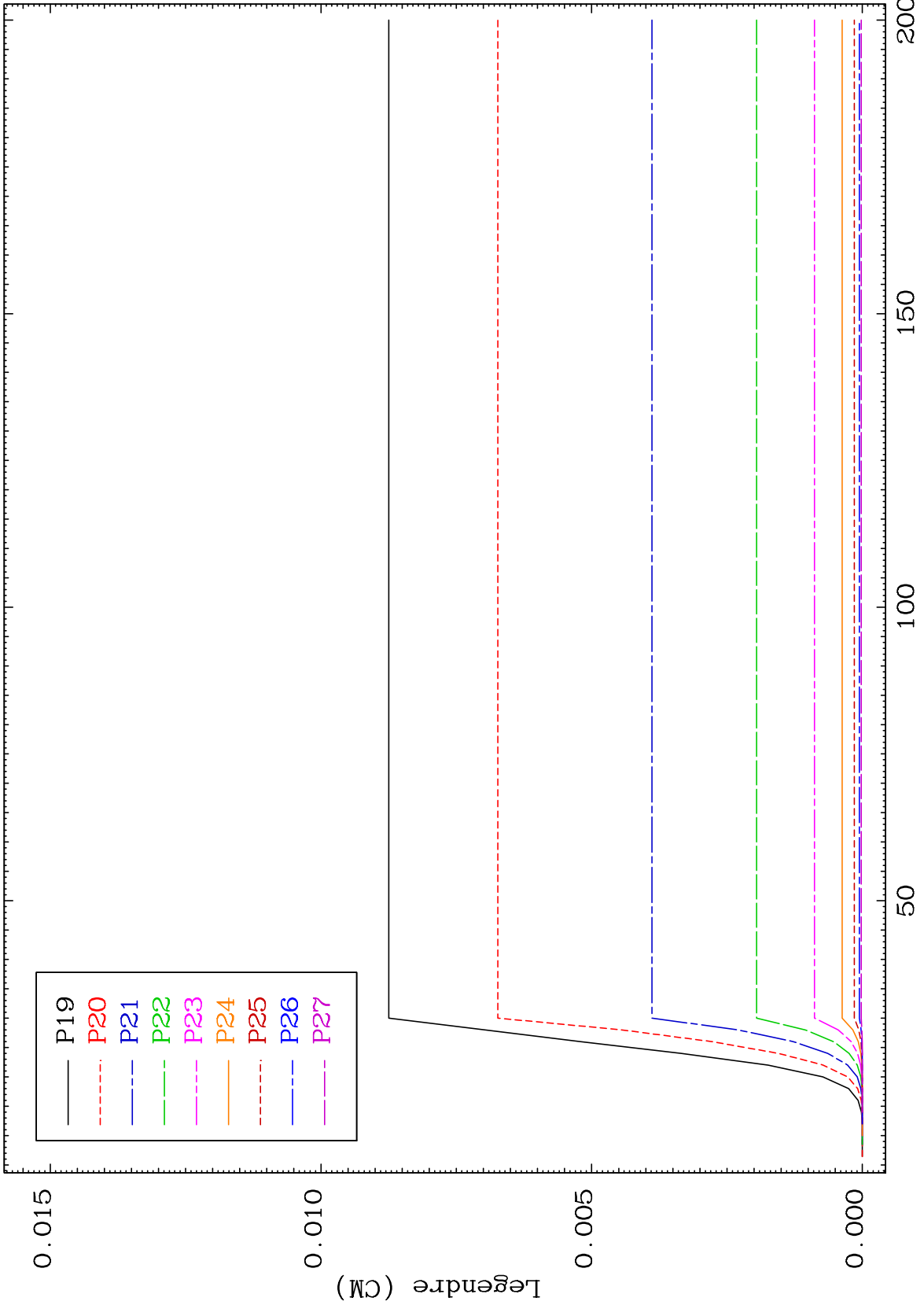
65-Tb-139



36

Incident Energy (MeV)

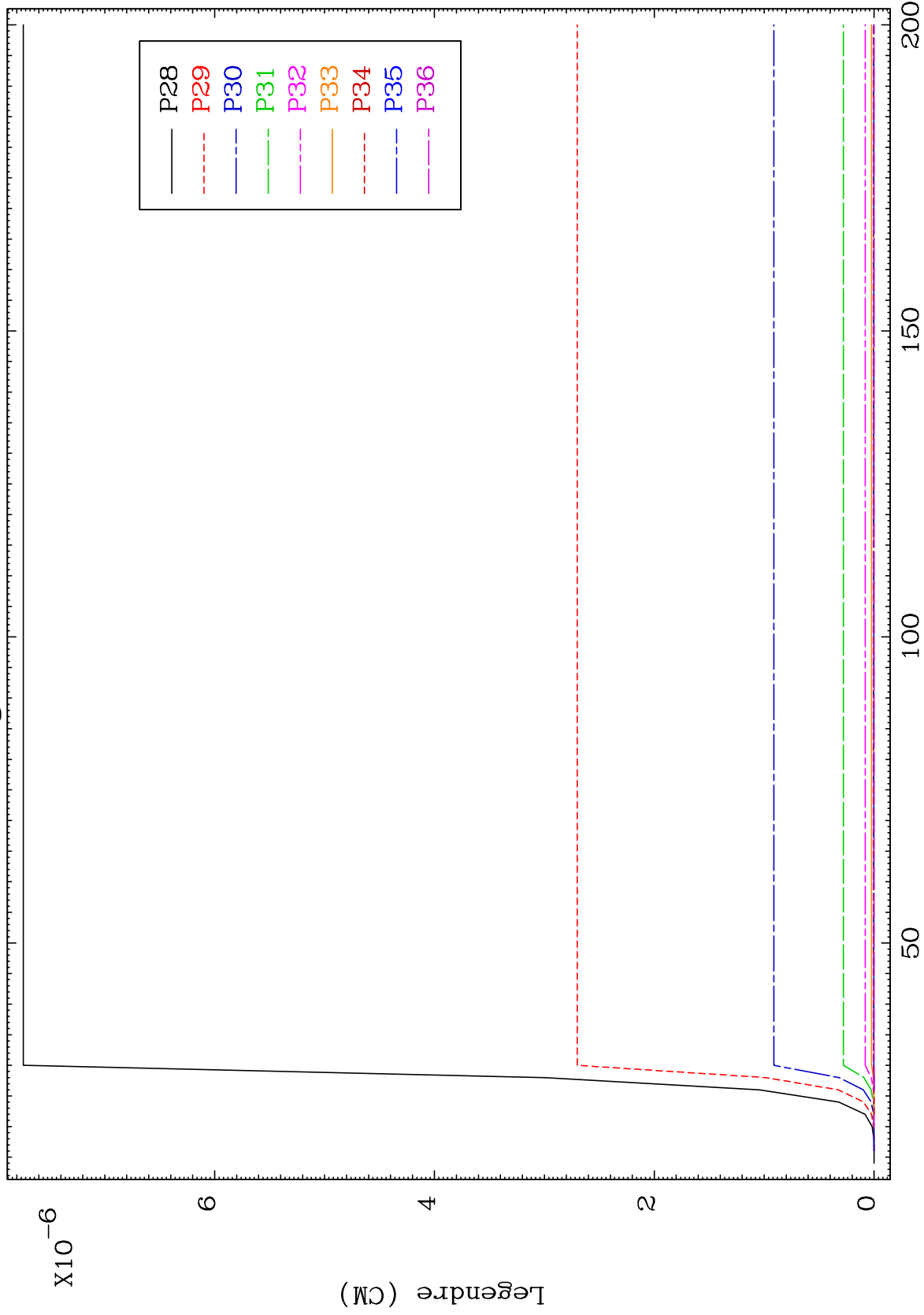
65-Tb-139



MAT 6465

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

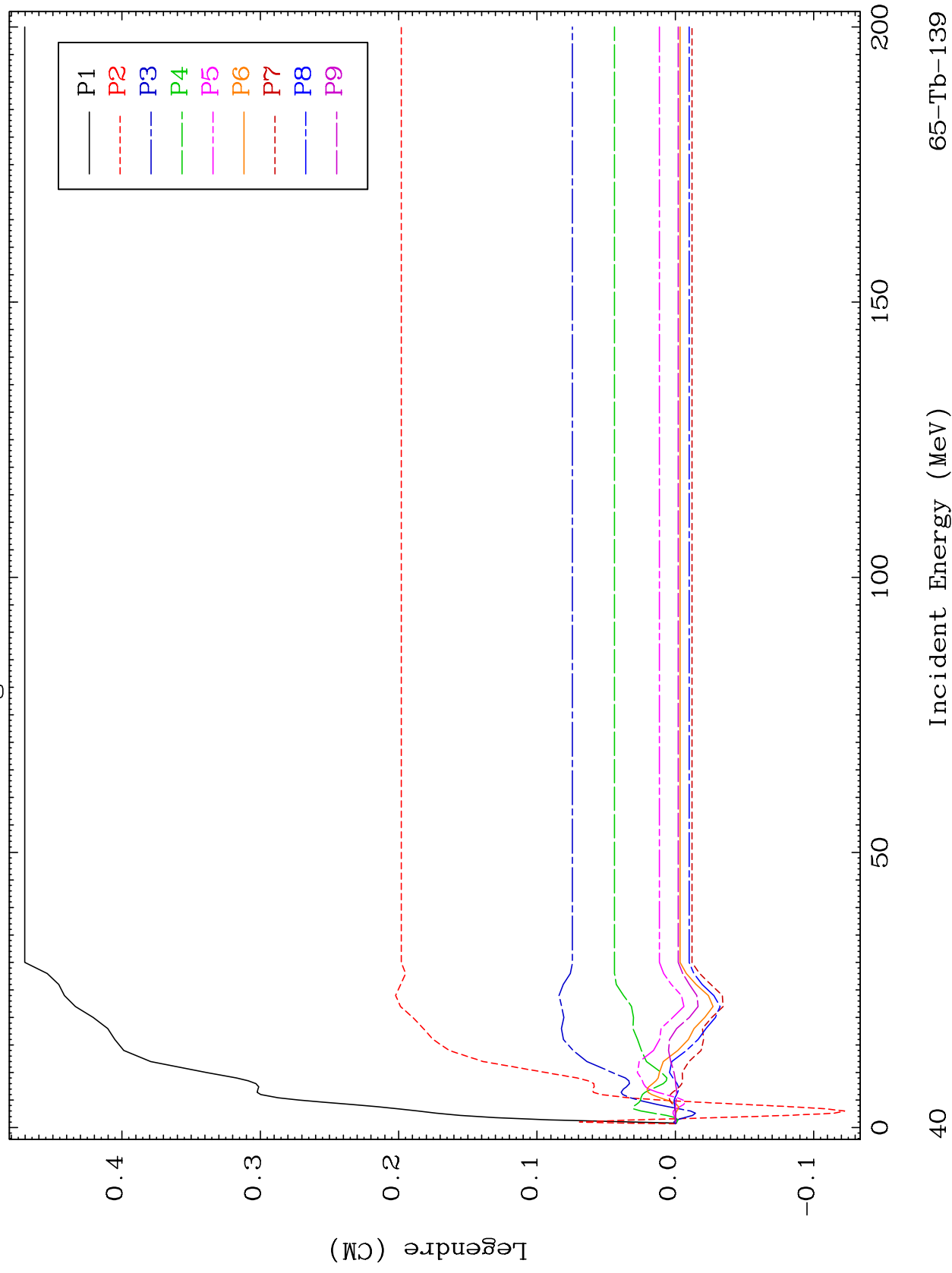
65-Tb-139



MAT 6465

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

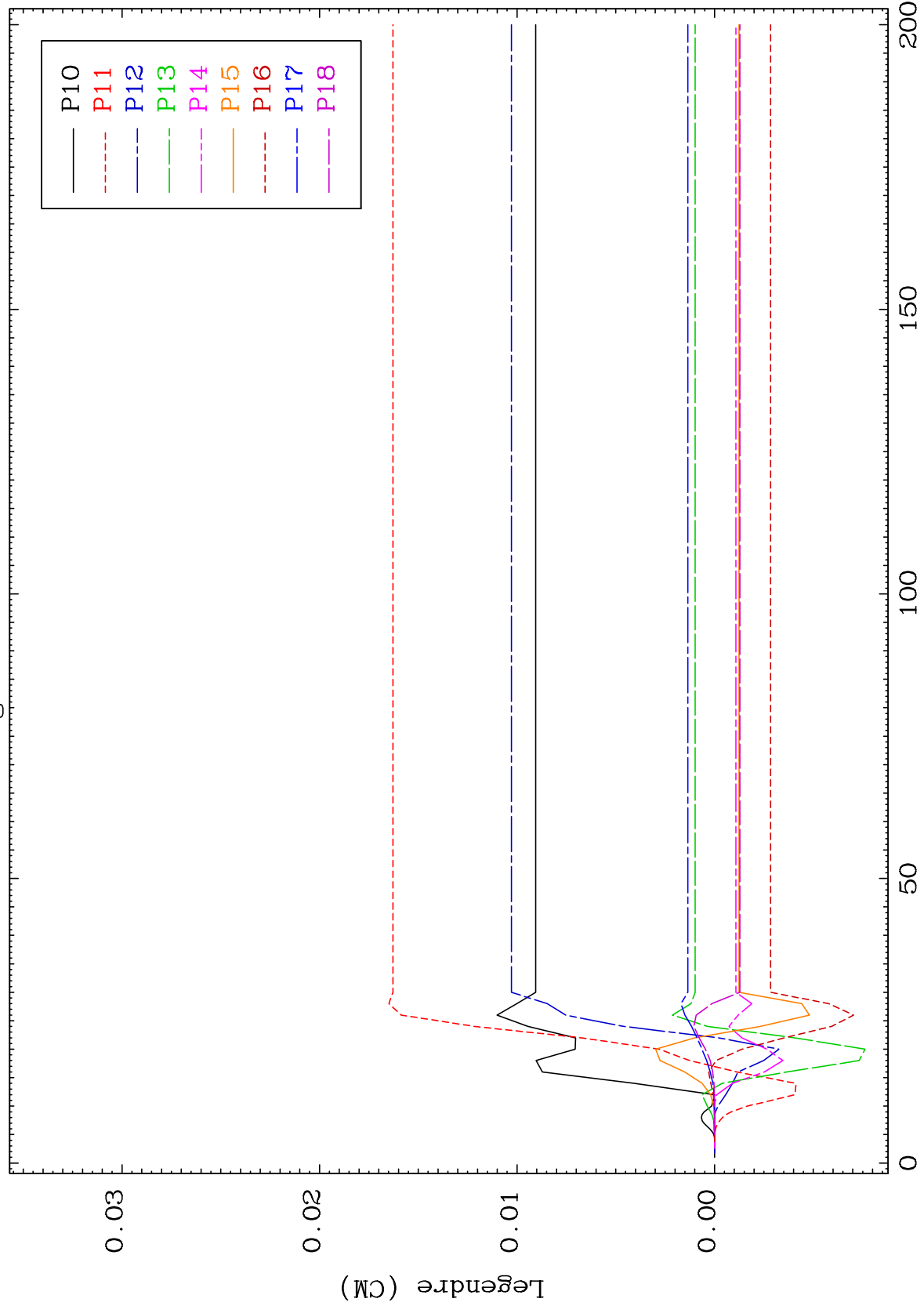
65-Tb-139



MAT 6465

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

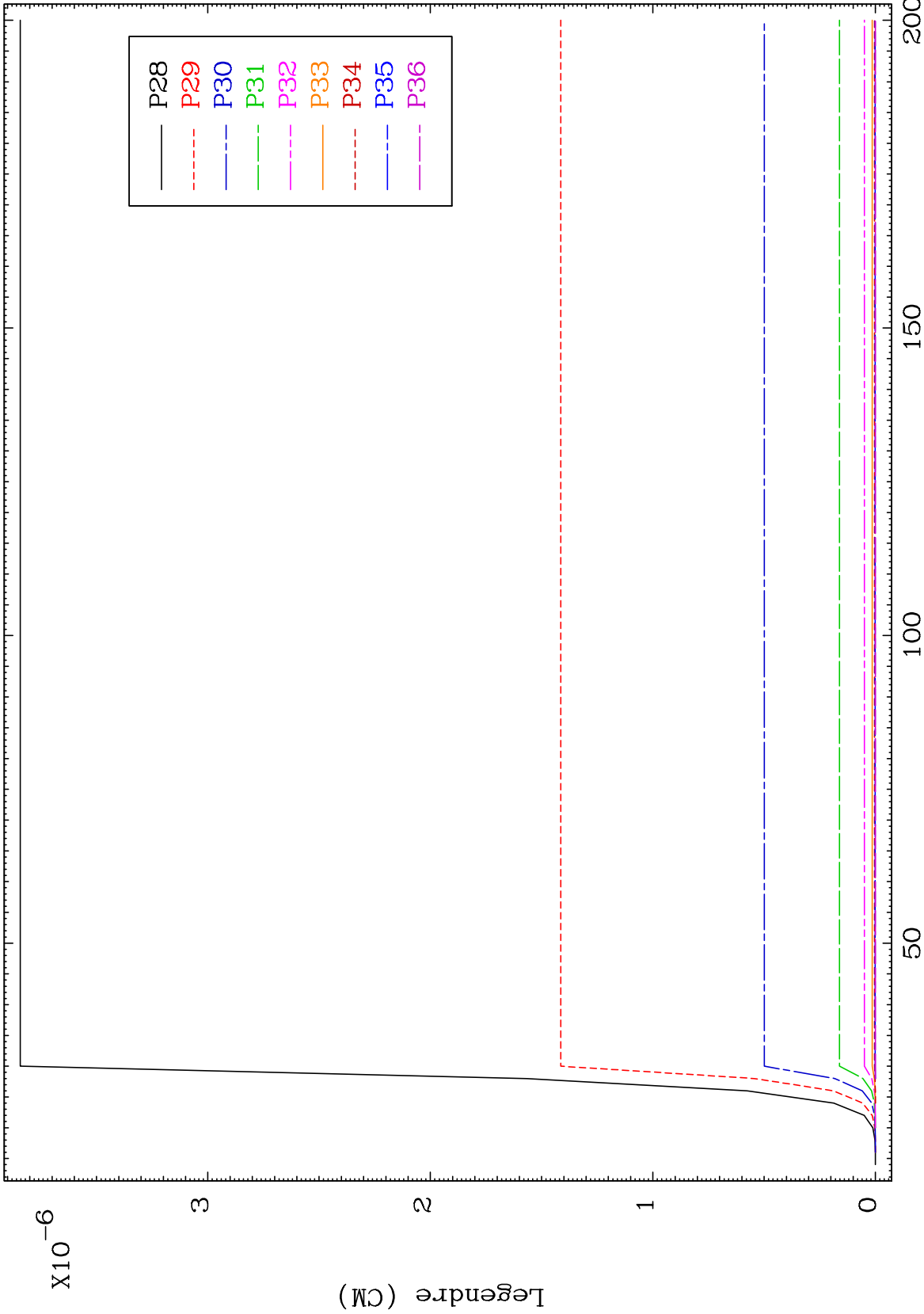
65-Tb-139



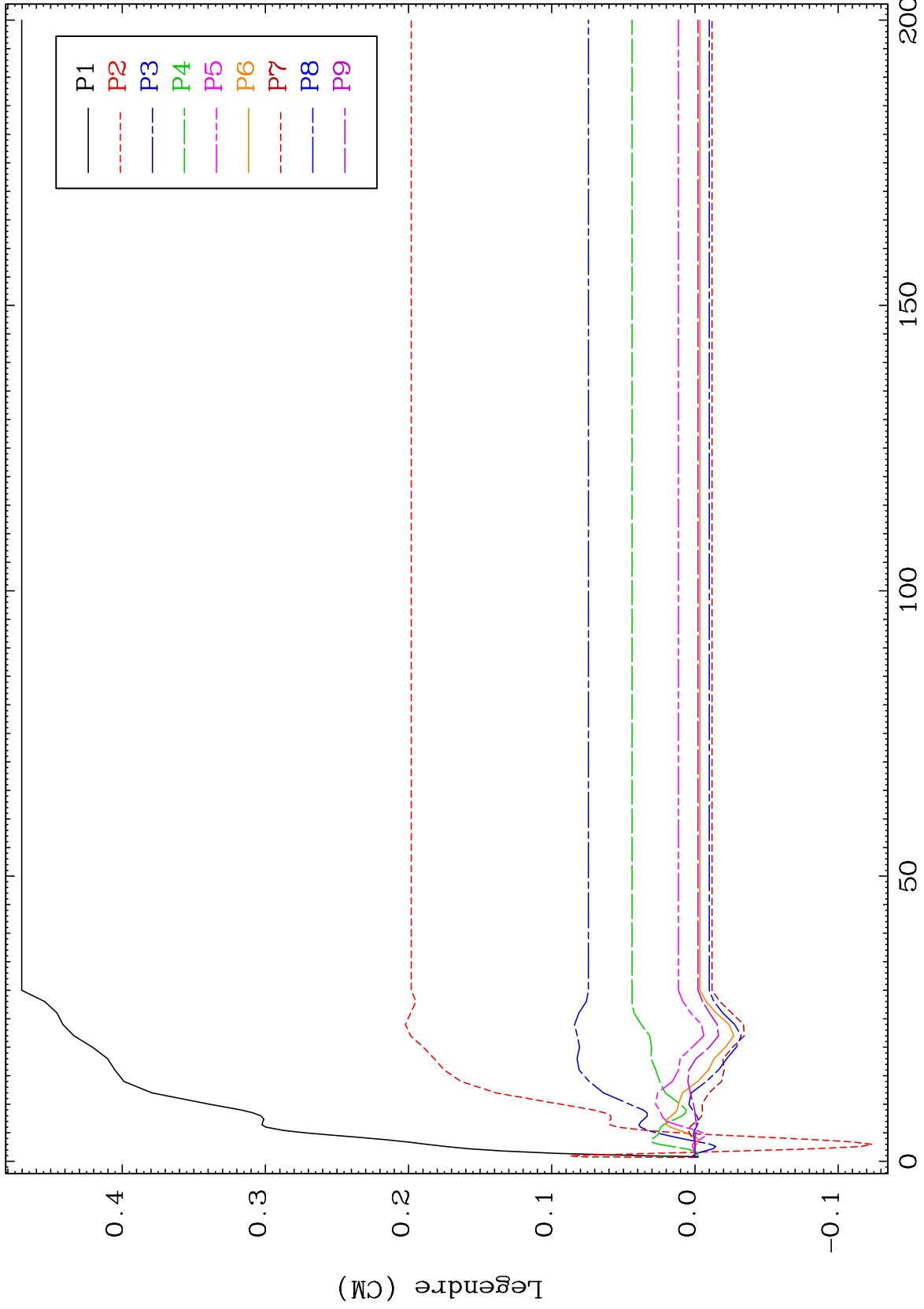
41

Incident Energy (MeV)

65-Tb-139



MAT 6465 MT= 57 (n,n') Level Legendre Coefficients 65-Tb-139

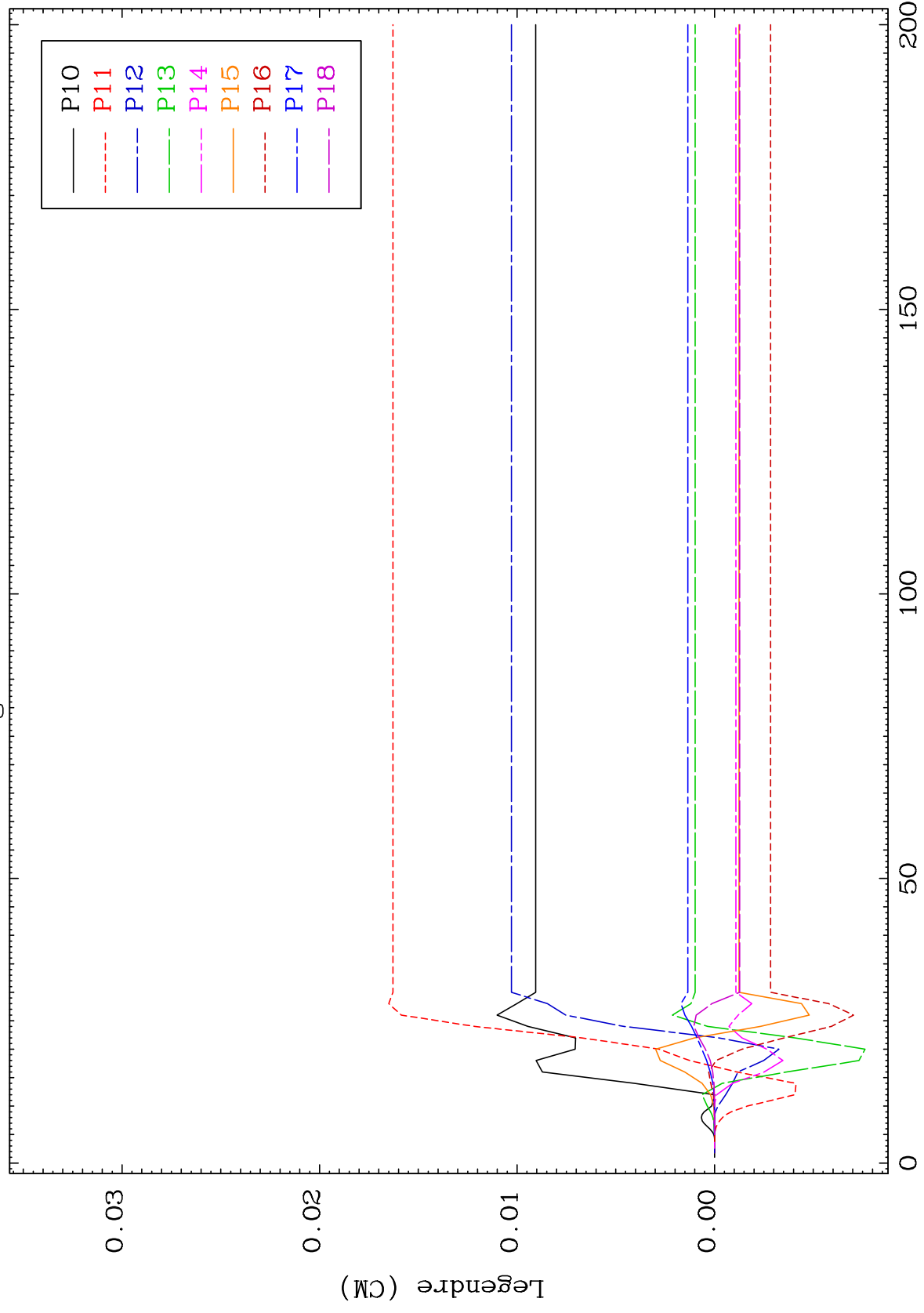


44 65-Tb-139

MAT 6465

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

65-Tb-139



45

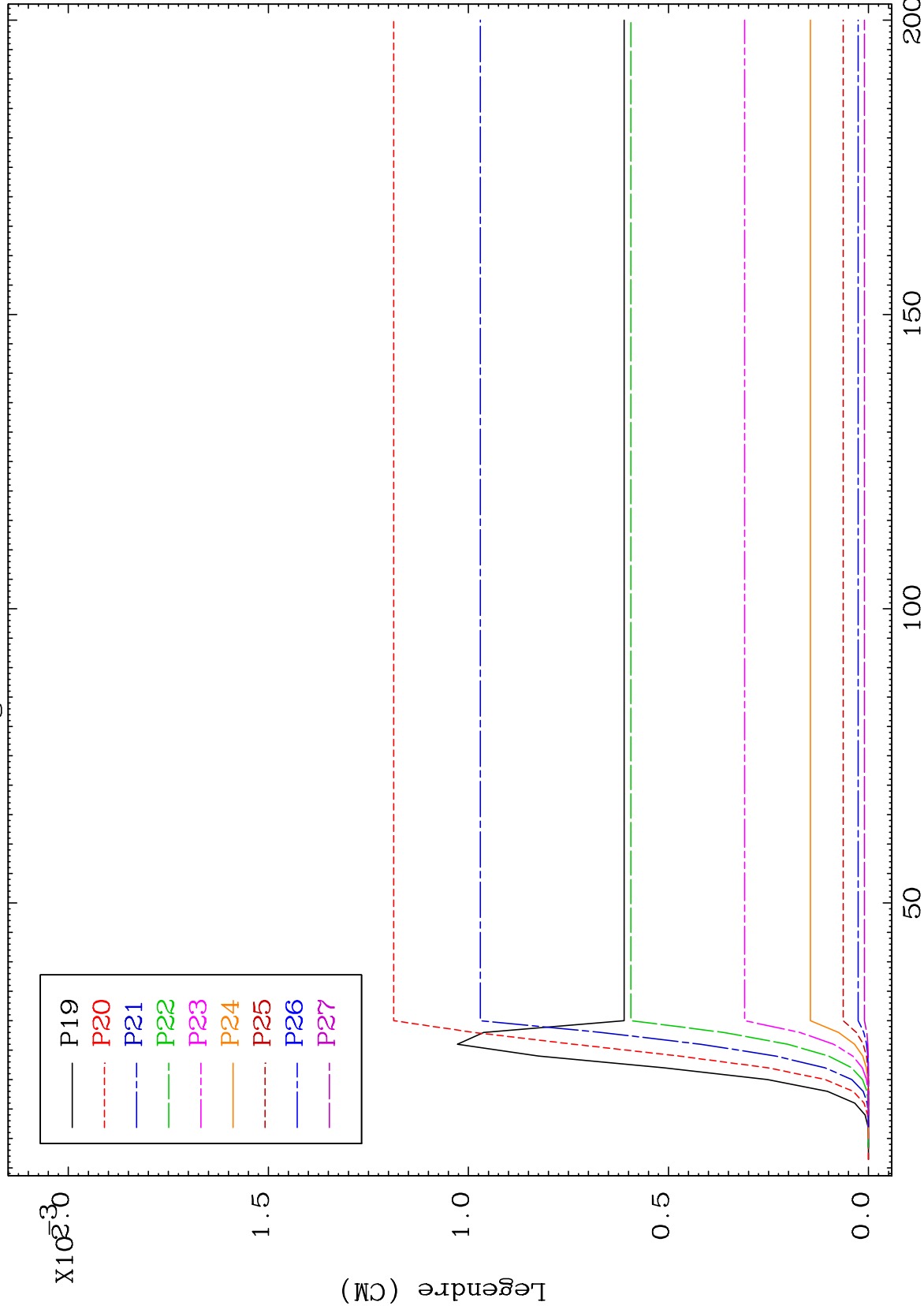
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



46

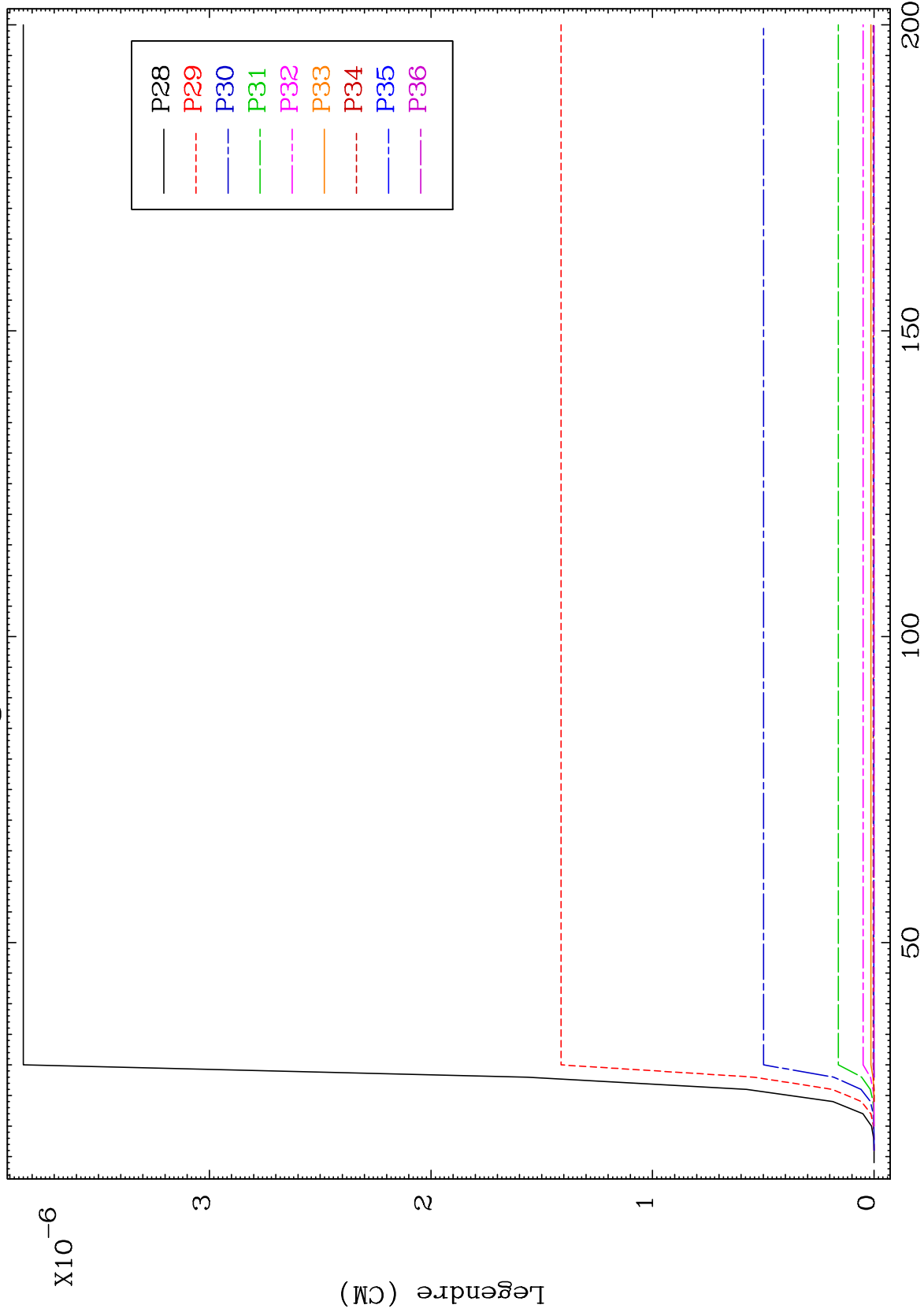
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

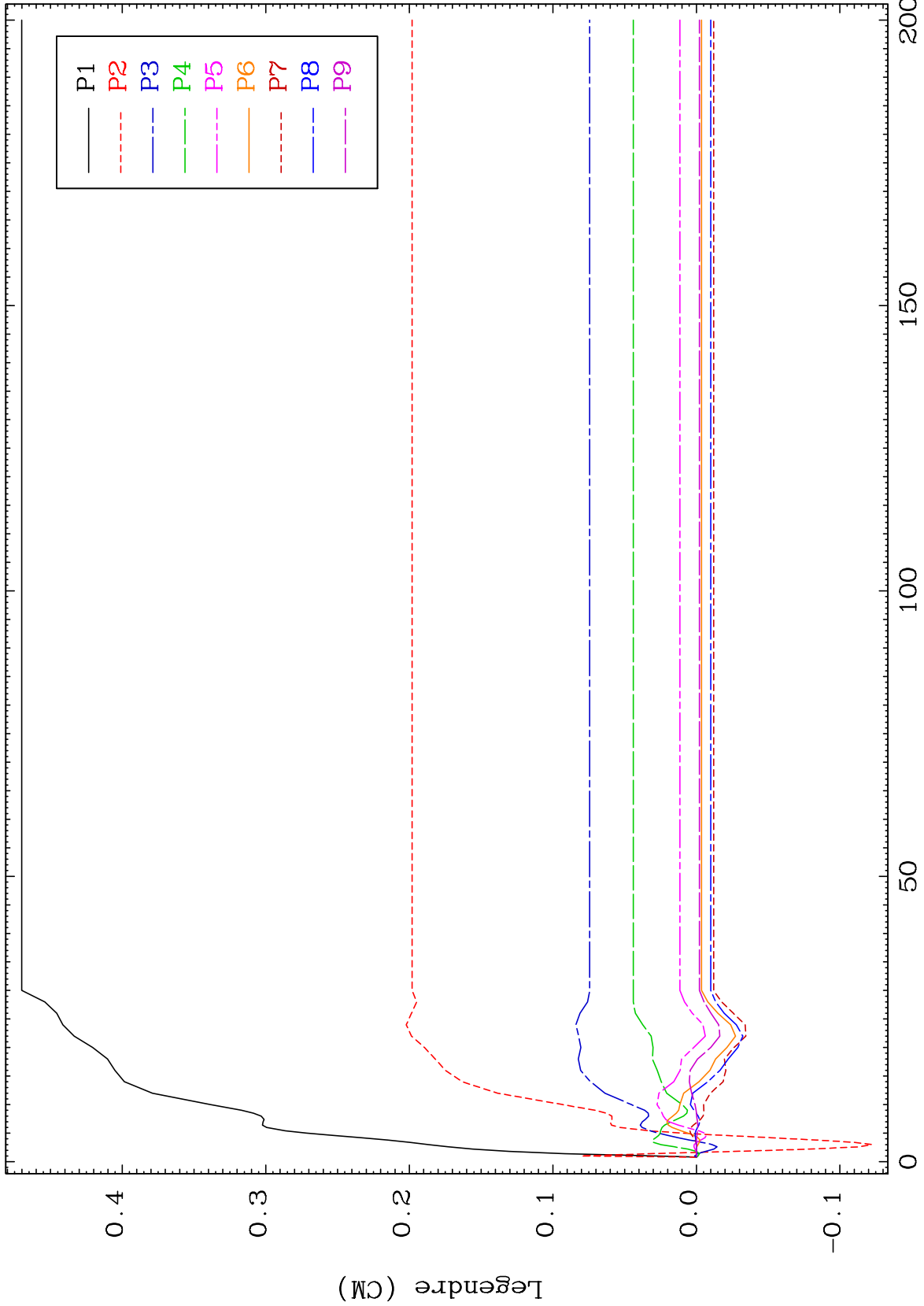
65-Tb-139



47

Incident Energy (MeV)

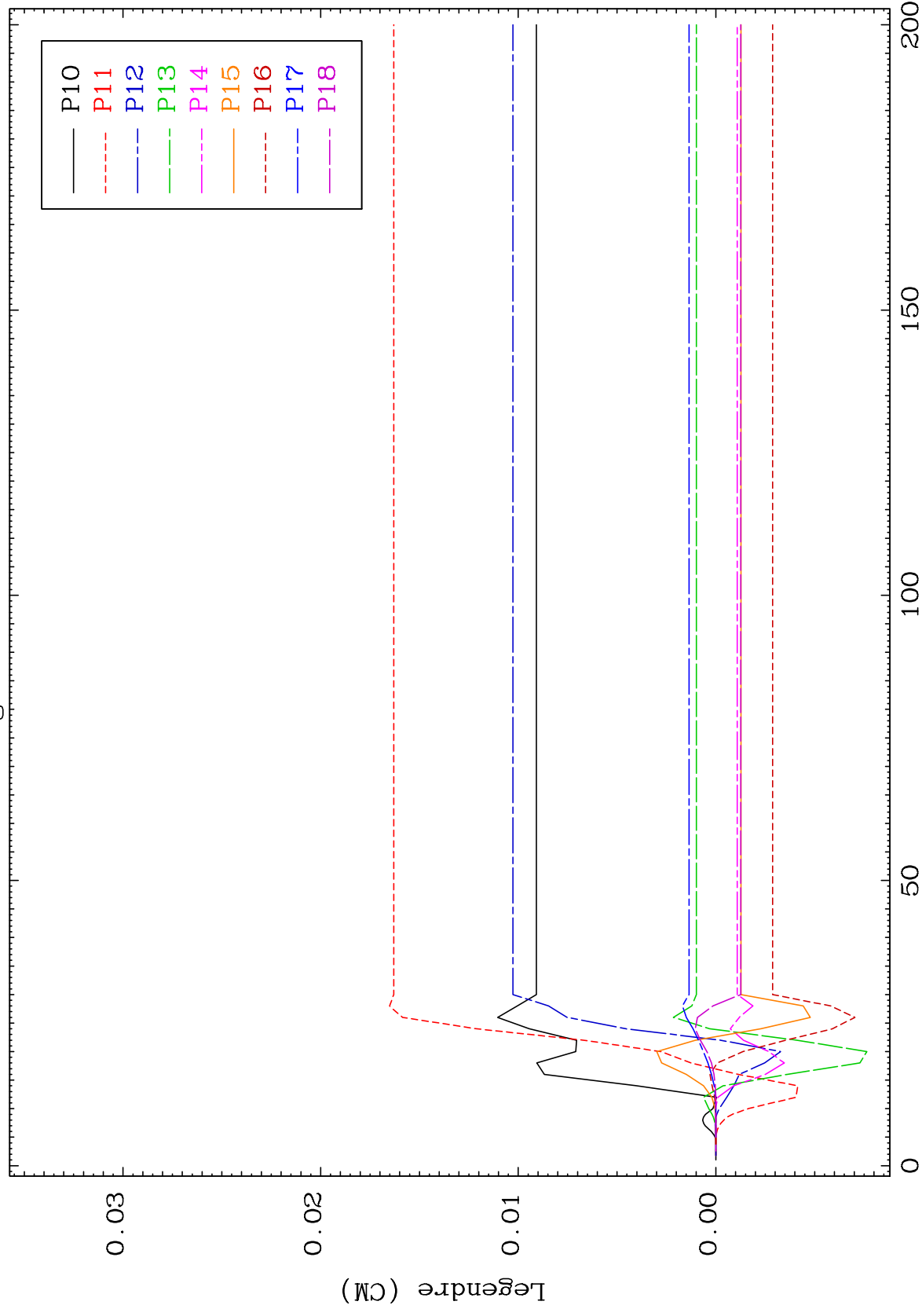
65-Tb-139



MAT 6465

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

65-Tb-139



49

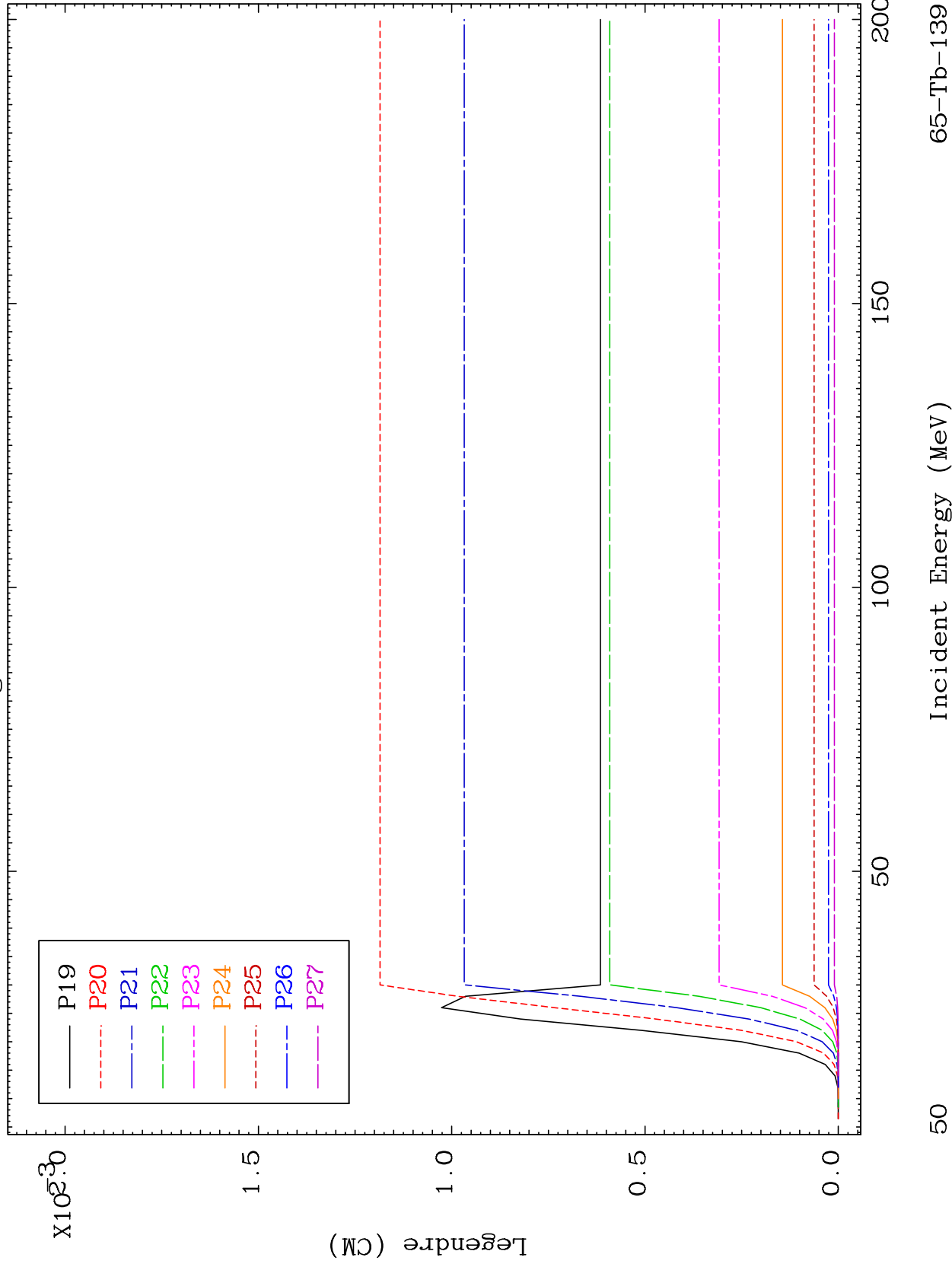
Incident Energy (MeV)

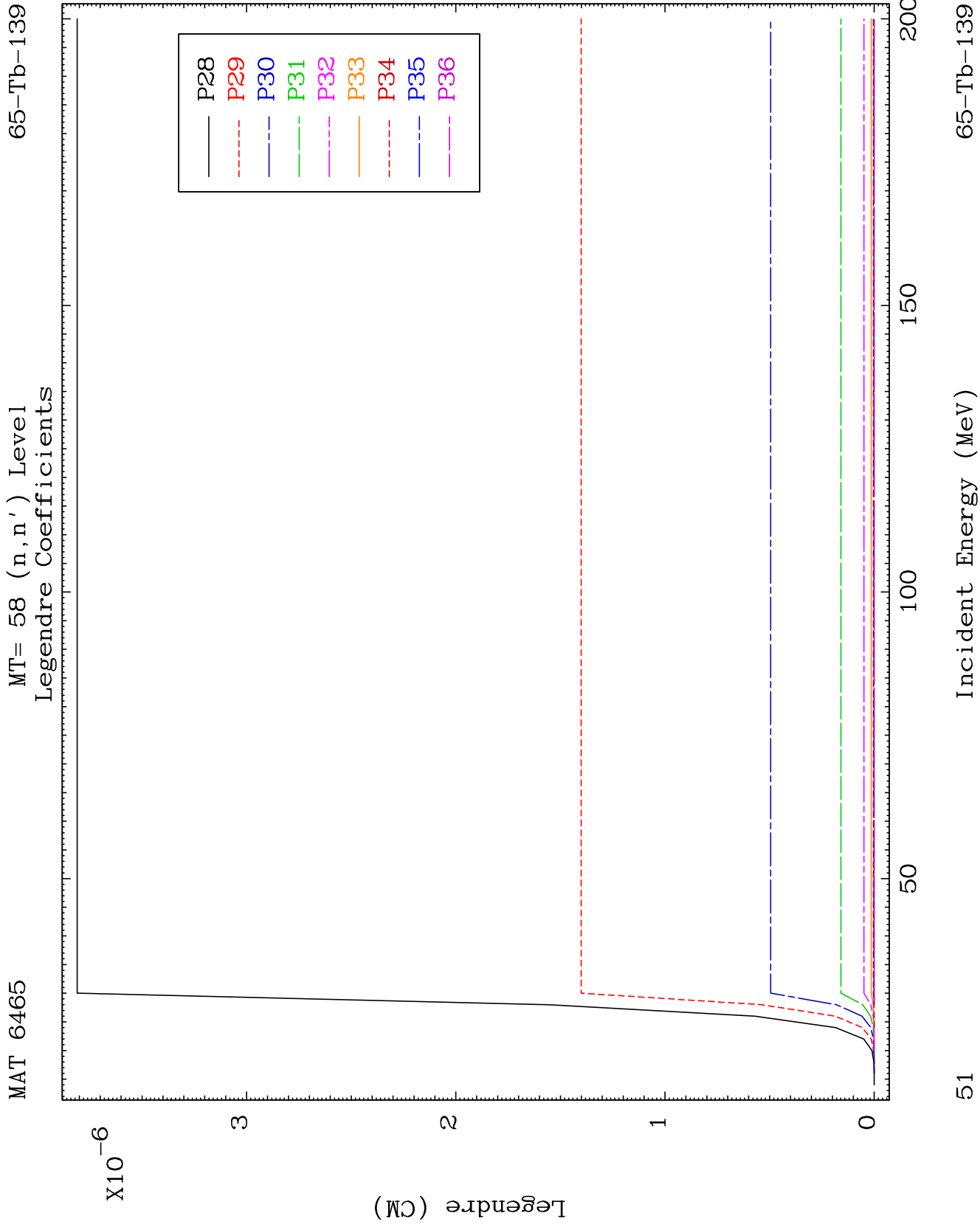
65-Tb-139

MAT 6465

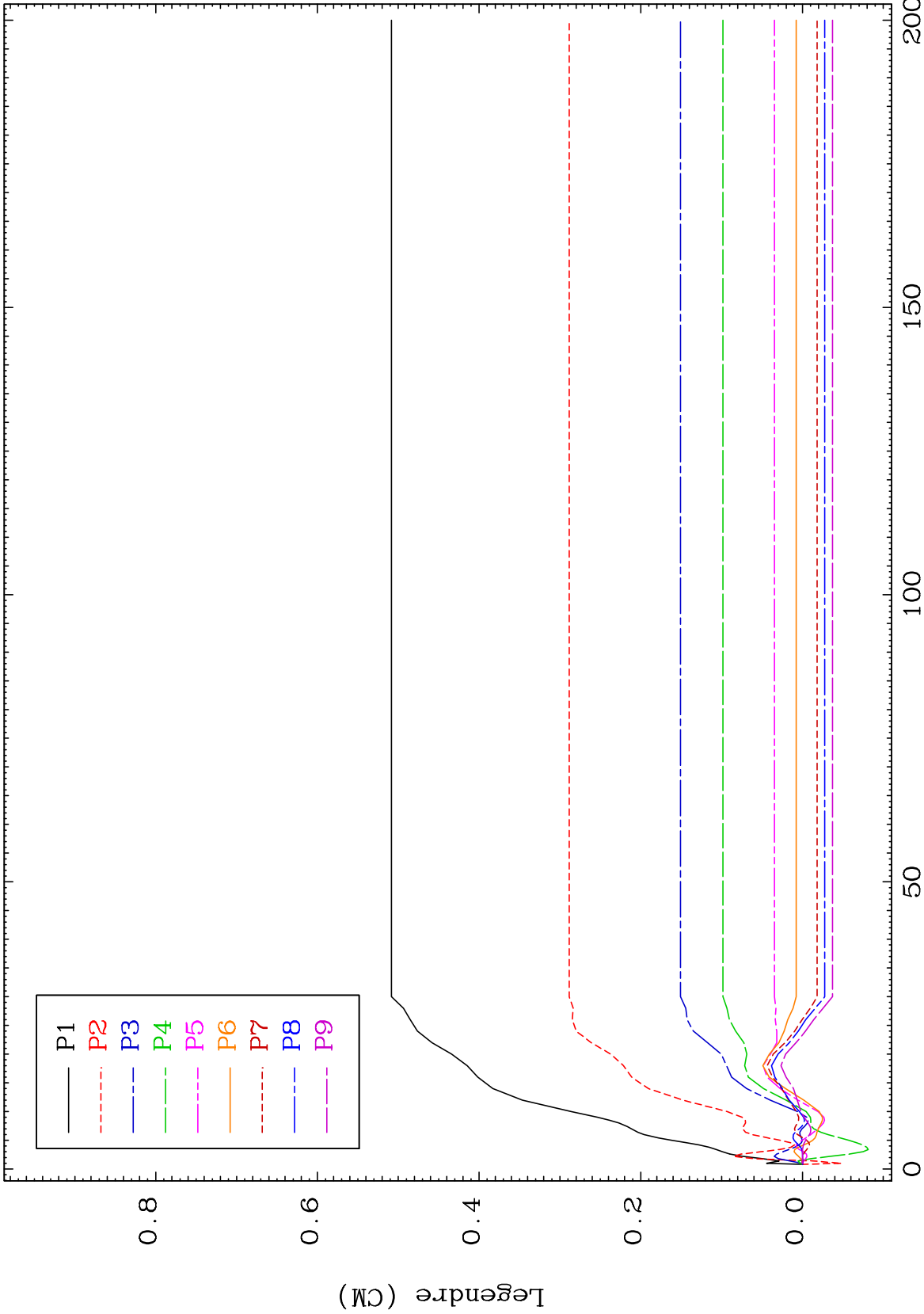
MT= 58 (n,n') Level
Legendre Coefficients

65-Tb-139





MAT 6465 MT= 59 (n,n') Level Legendre Coefficients 65-Tb-139

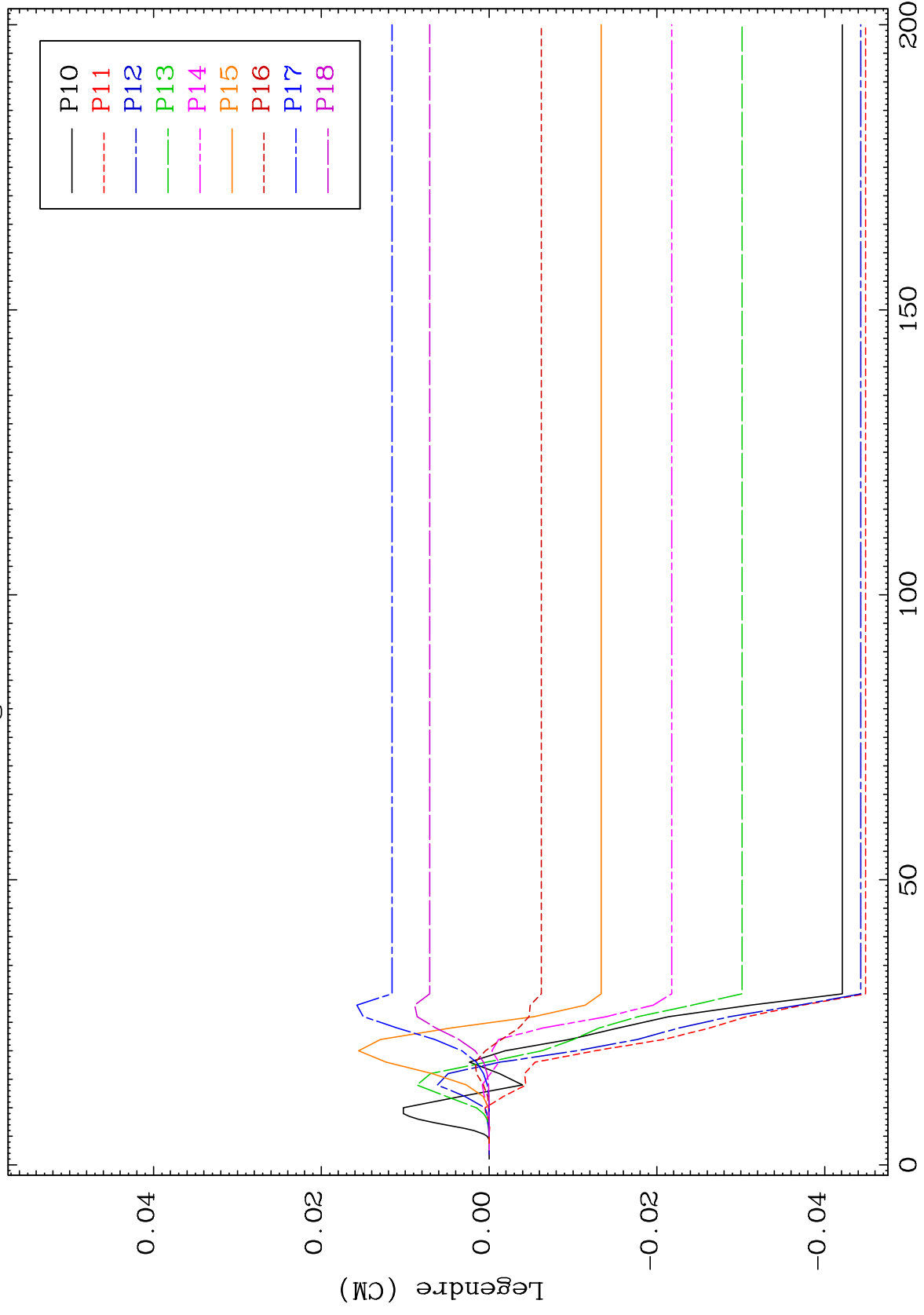


52 Incident Energy (MeV) 65-Tb-139

MAT 6465

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

65-Tb-139



53

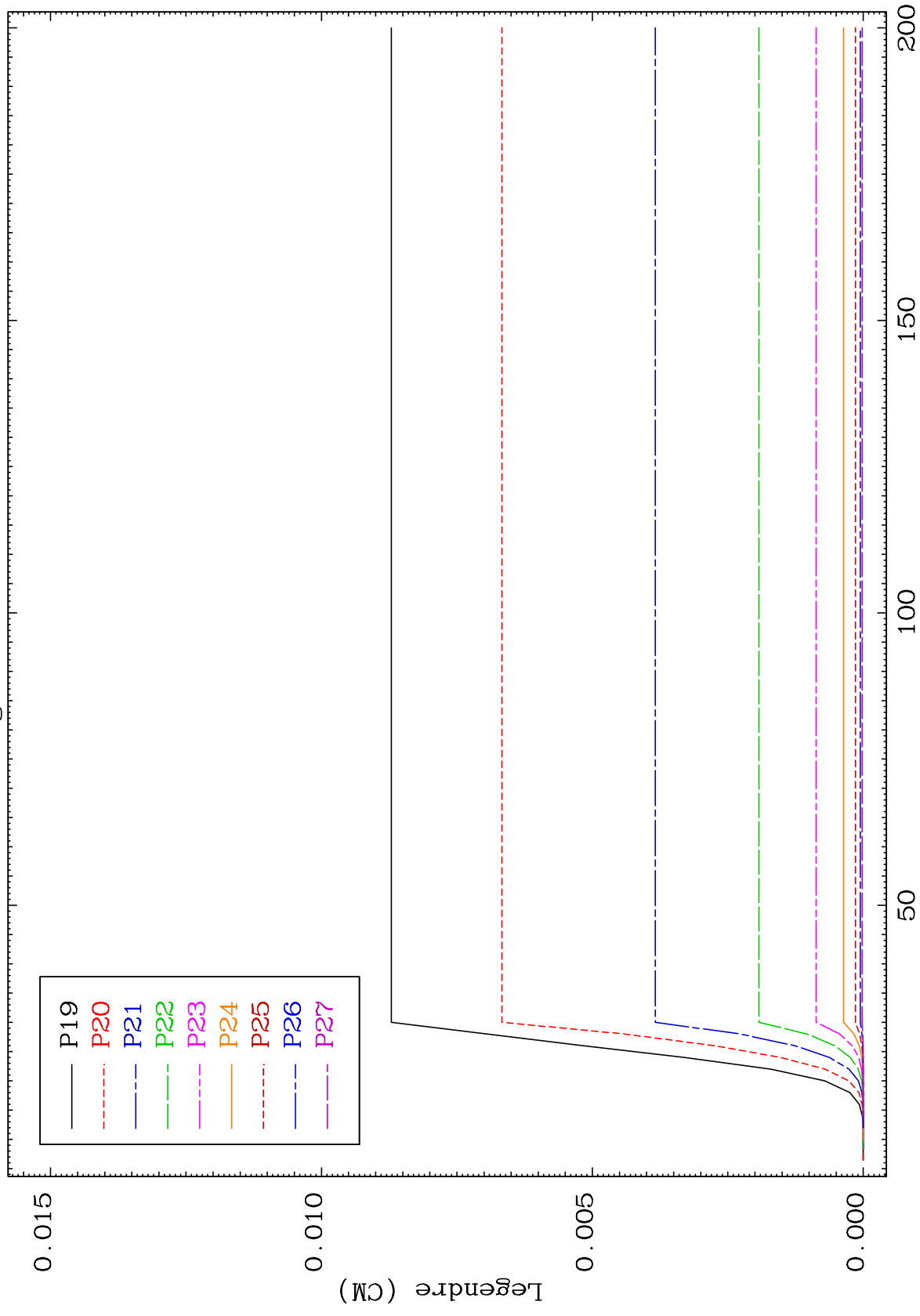
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



54

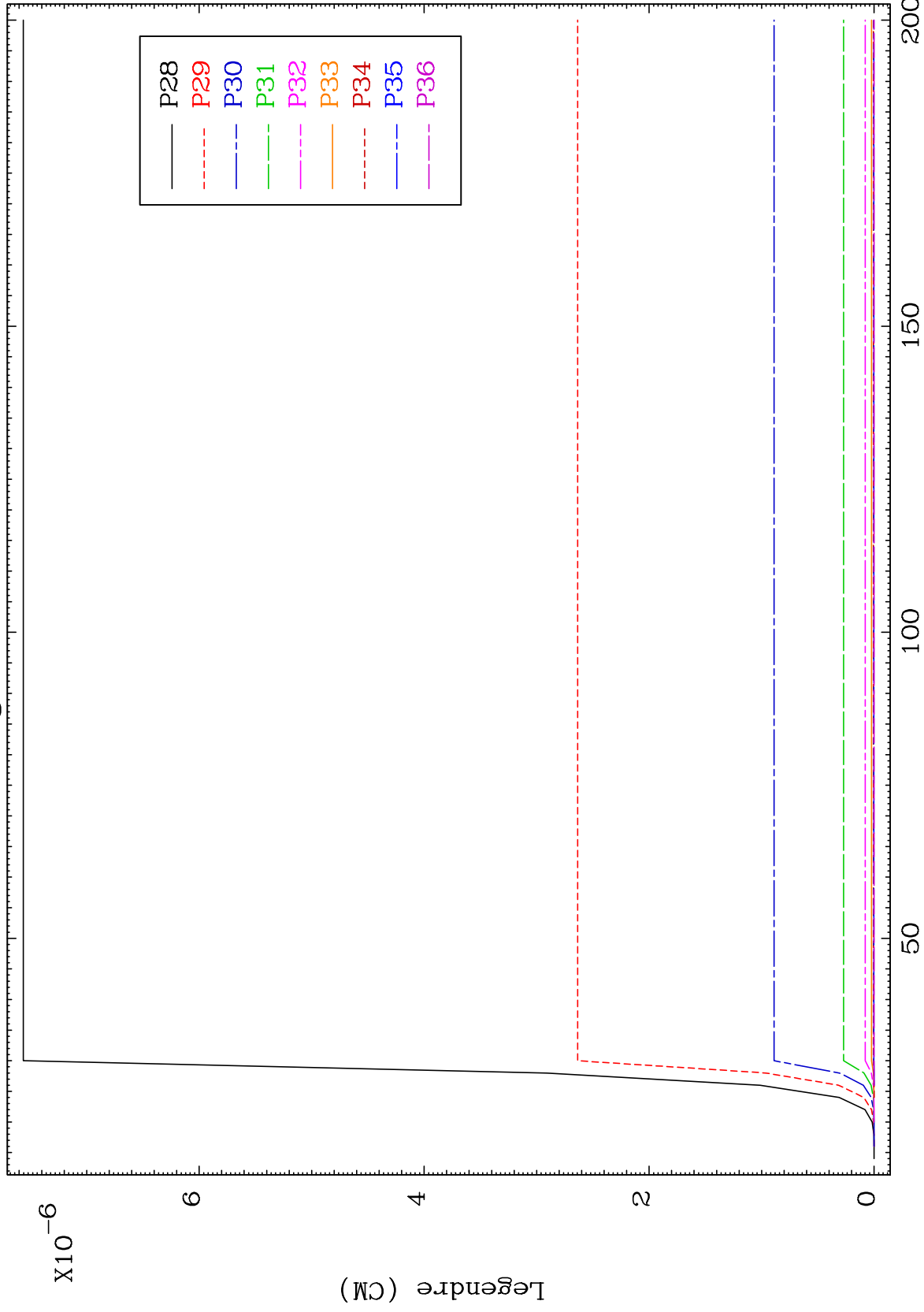
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

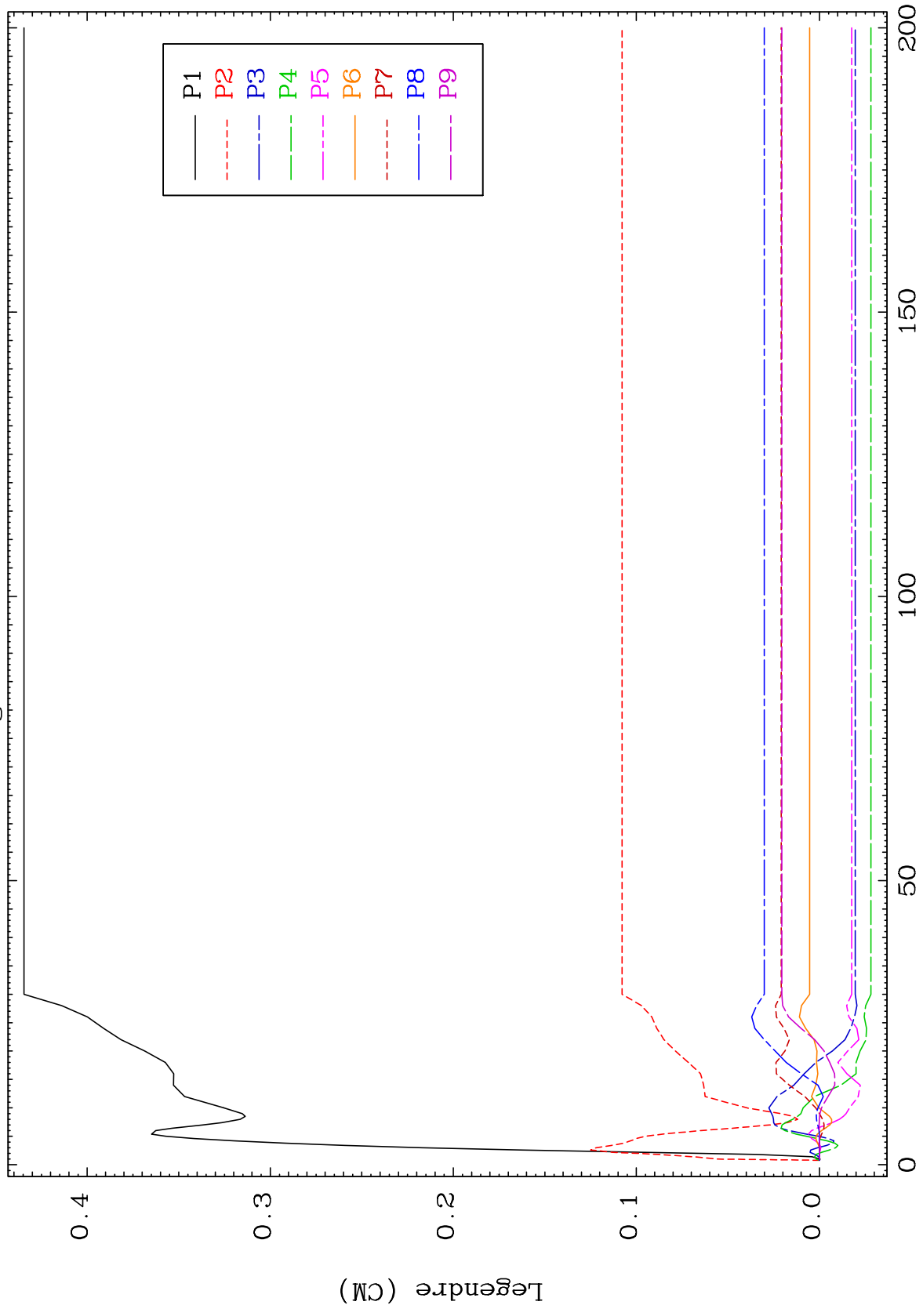
65-Tb-139



MAT 6465

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

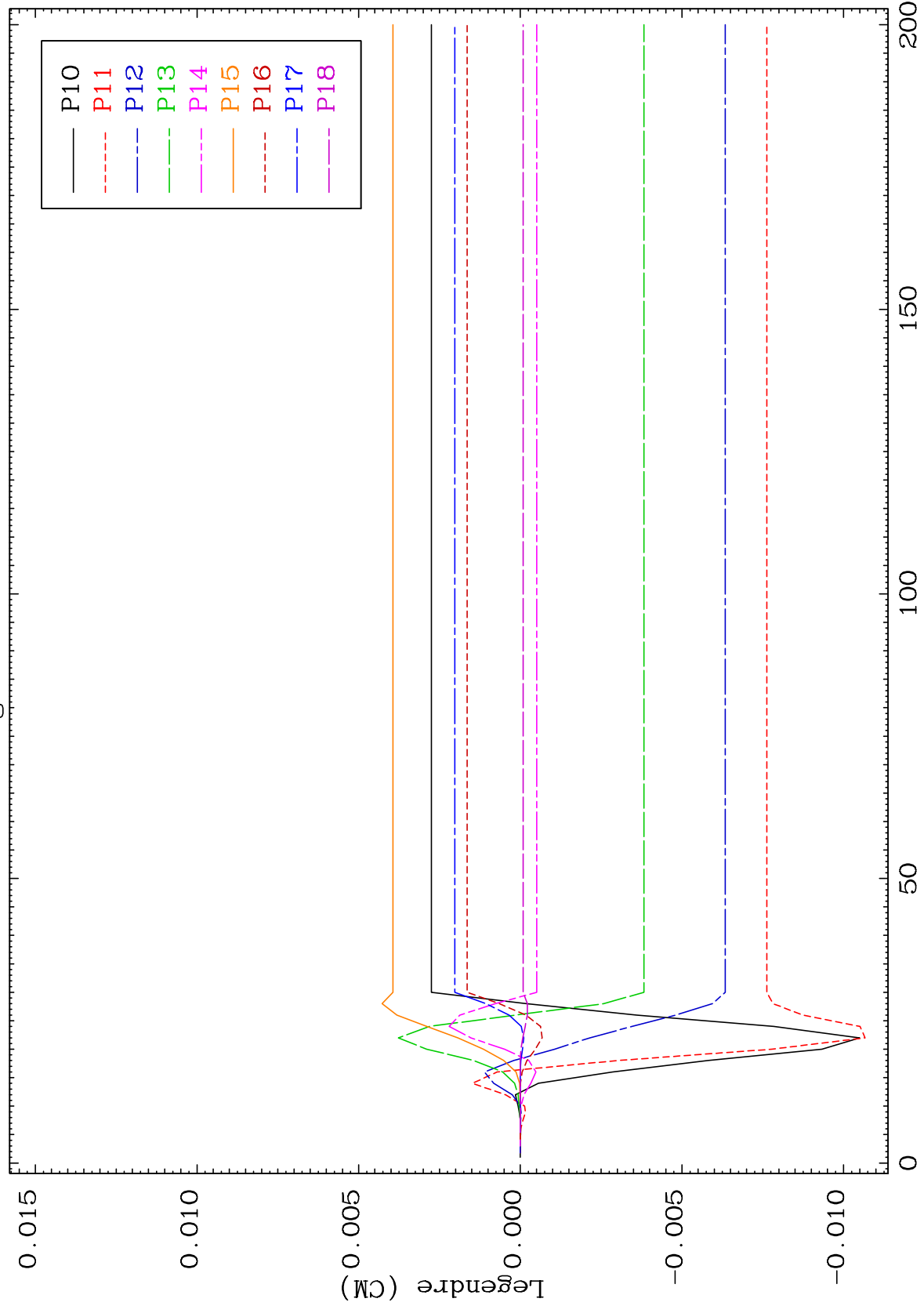
65-Tb-139



MAT 6465

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

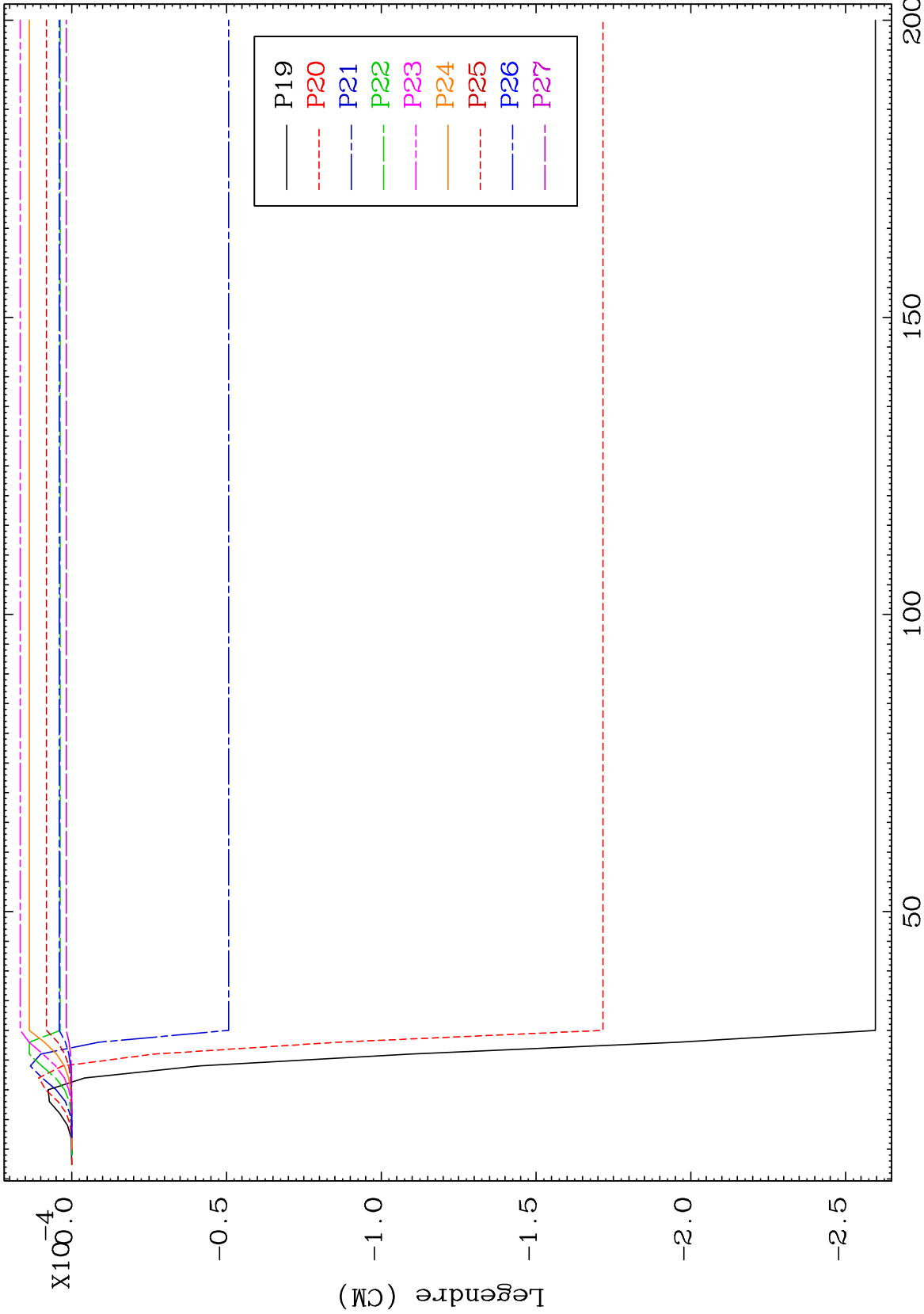
65-Tb-139

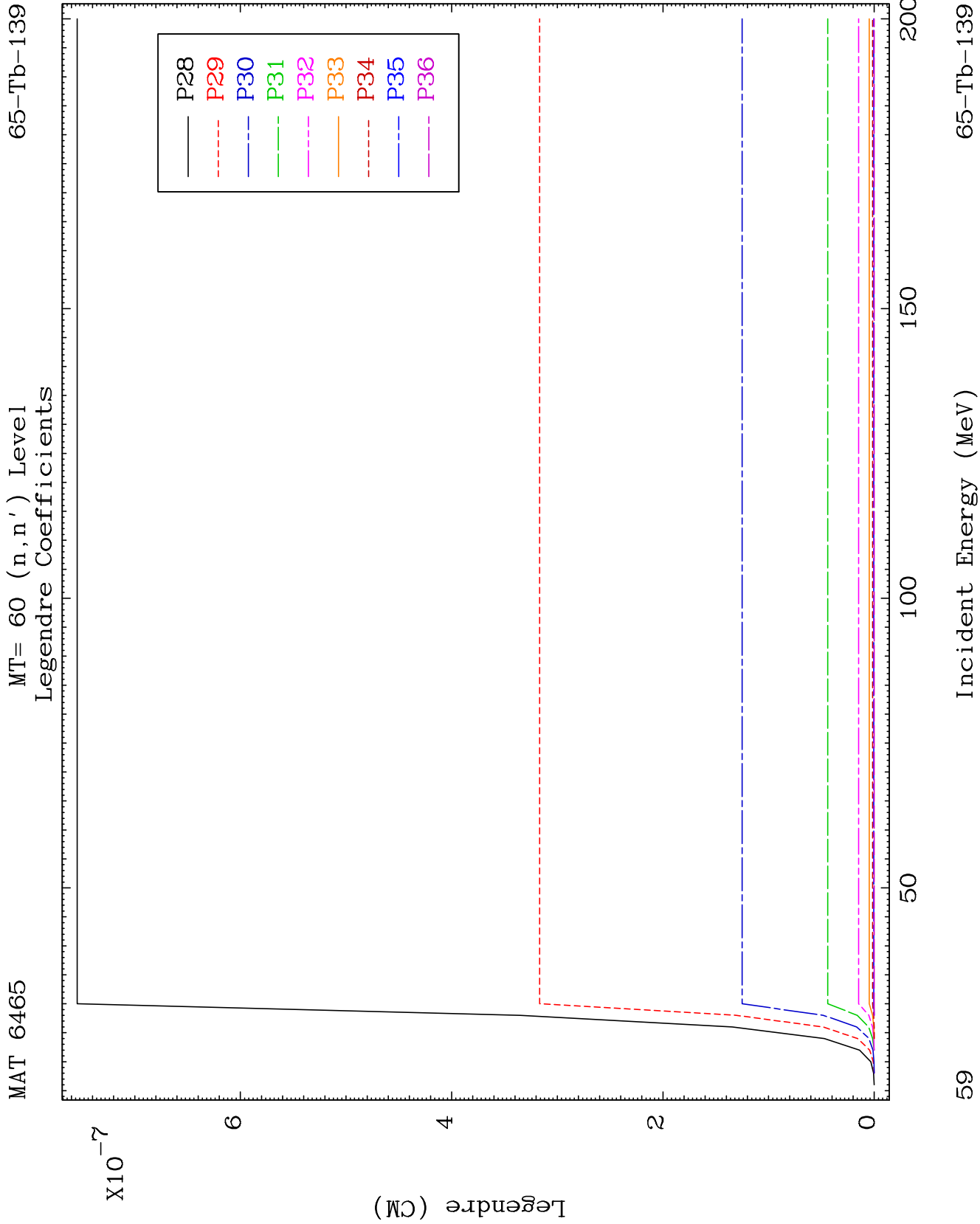


25

Incident Energy (MeV)

65-Tb-139

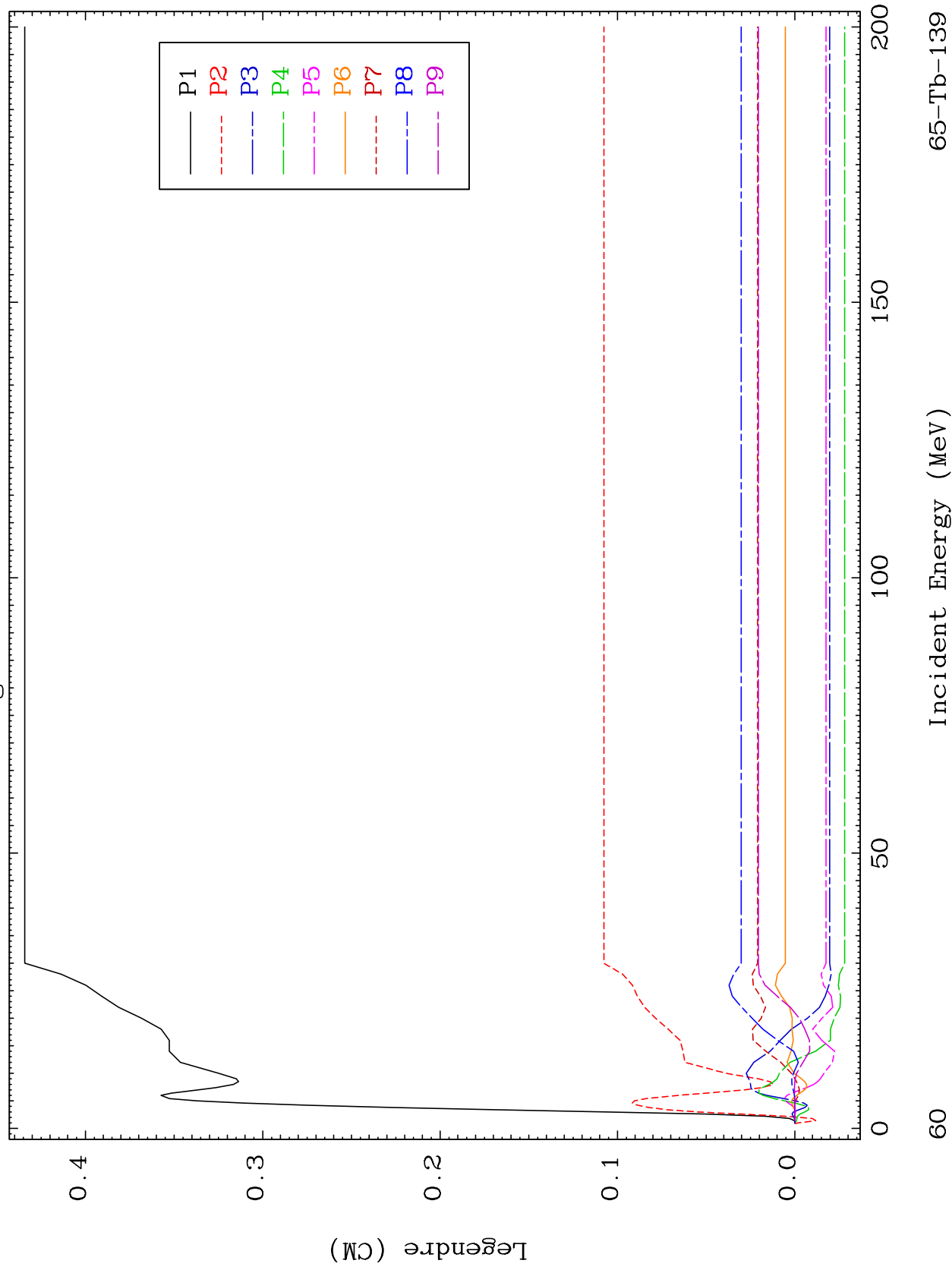




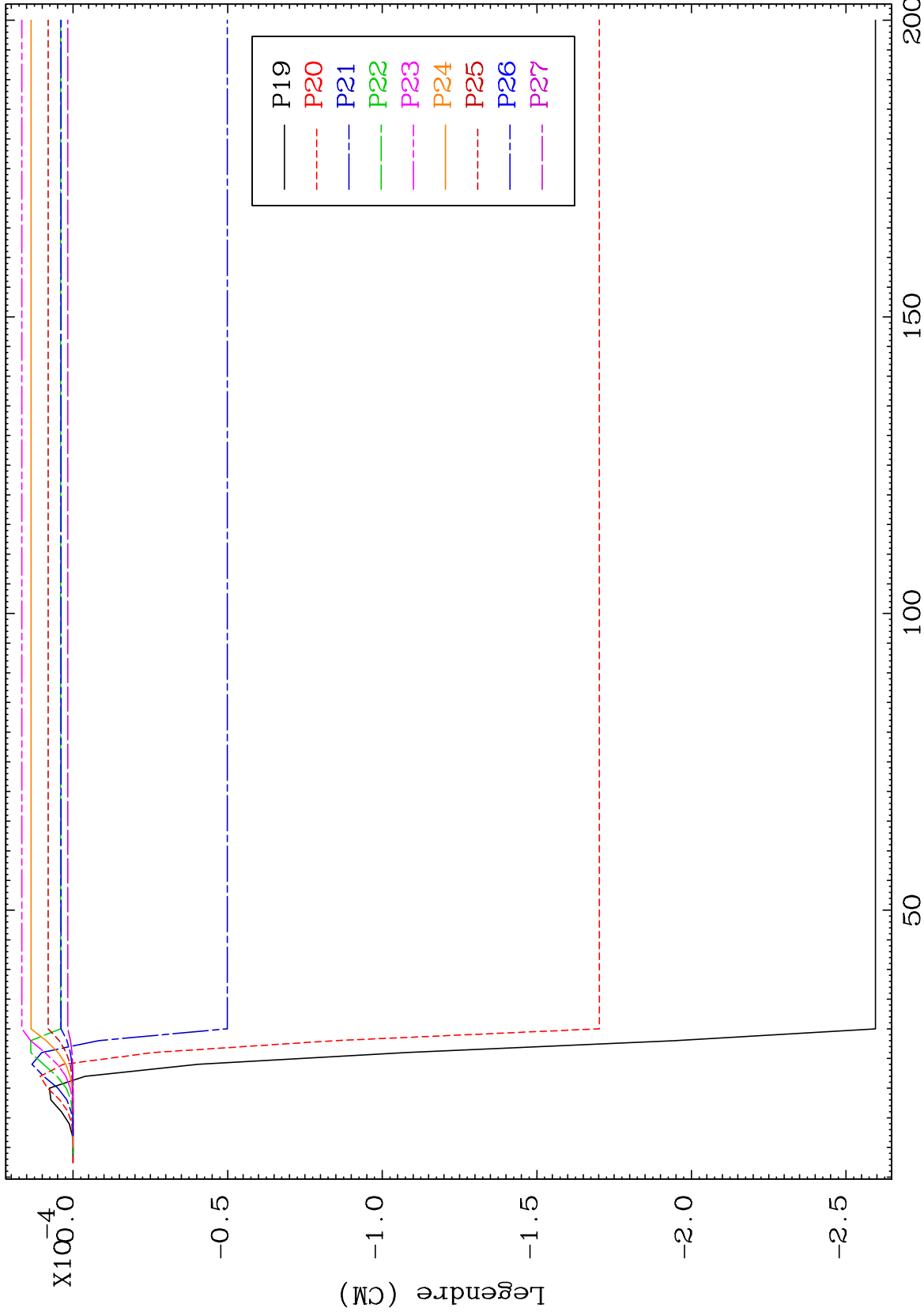
MAT 6465

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

65-Tb-139



MAT 6465 MT= 61 (n,n') Level Legendre Coefficients 65-Tb-139

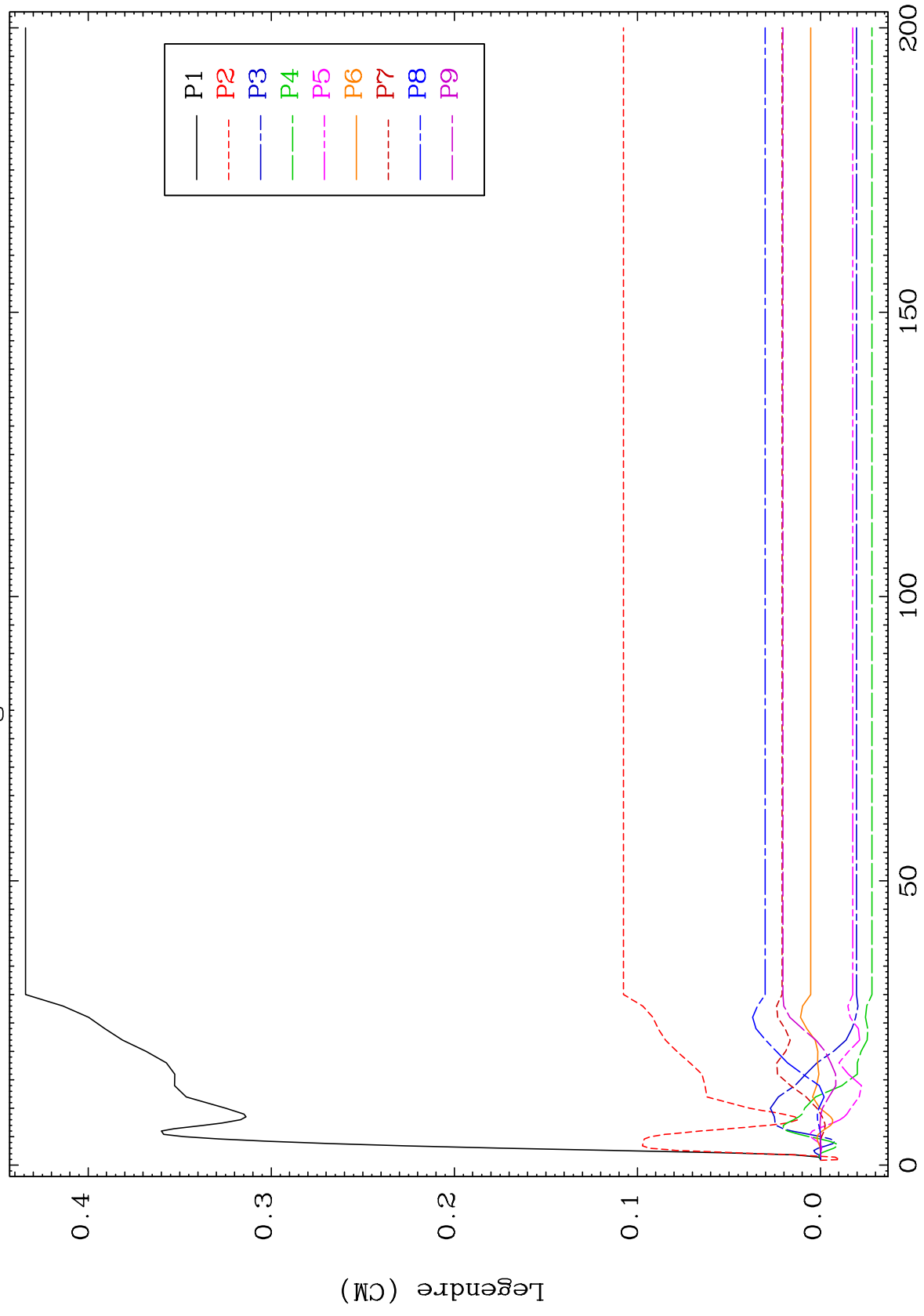


62 65-Tb-139

MAT 6465

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

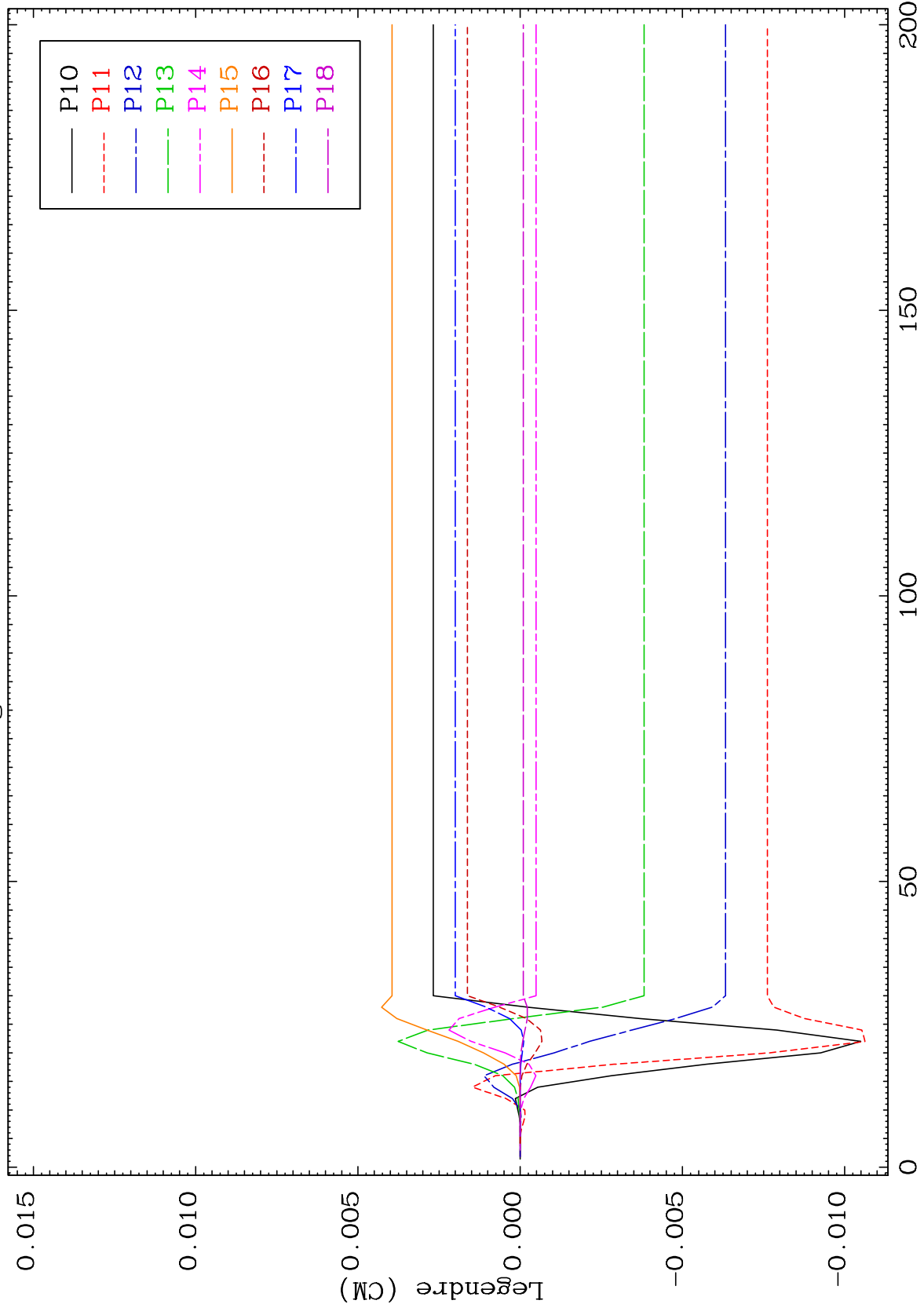
65-Tb-139



MAT 6465

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

65-Tb-139



59

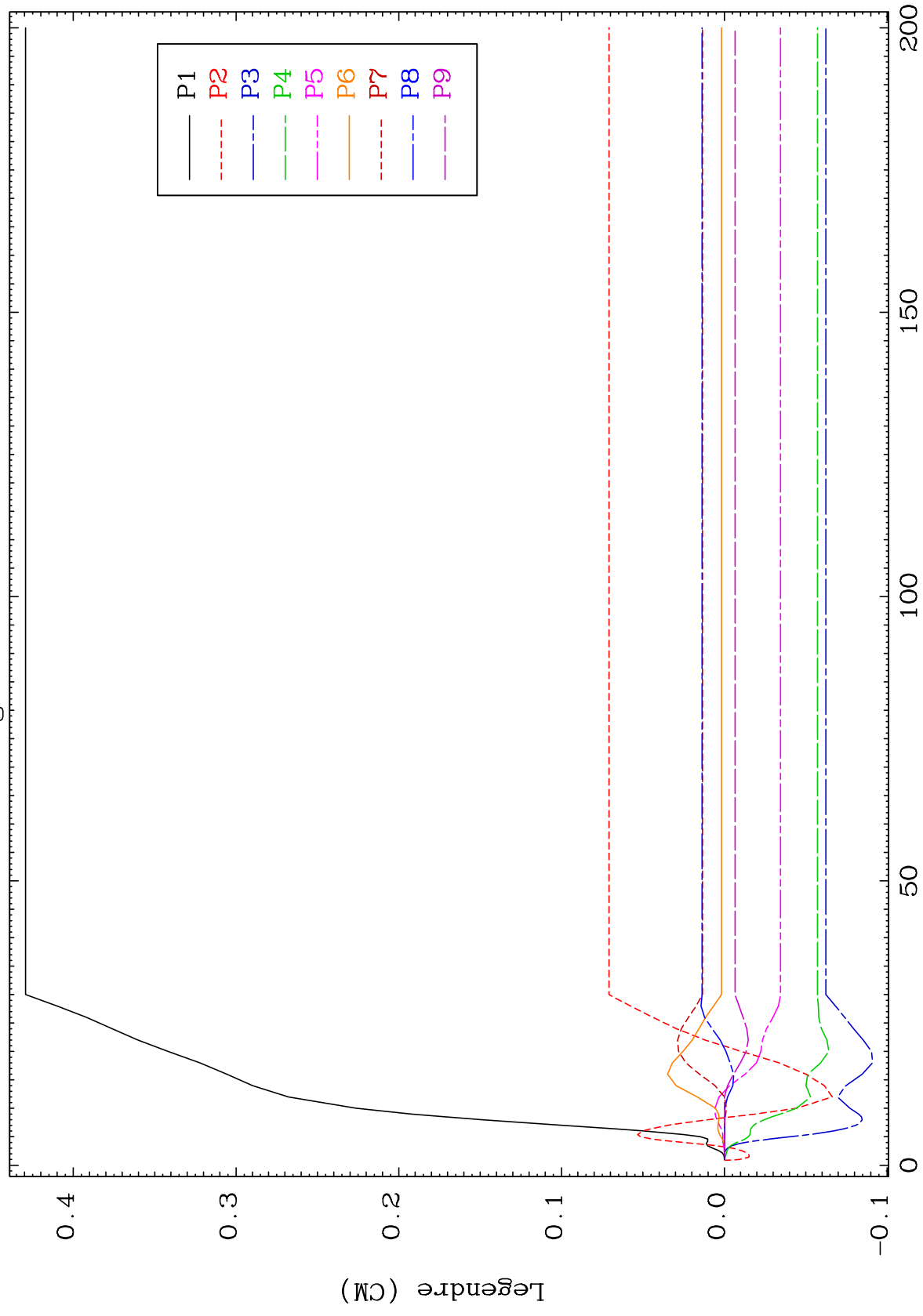
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



36

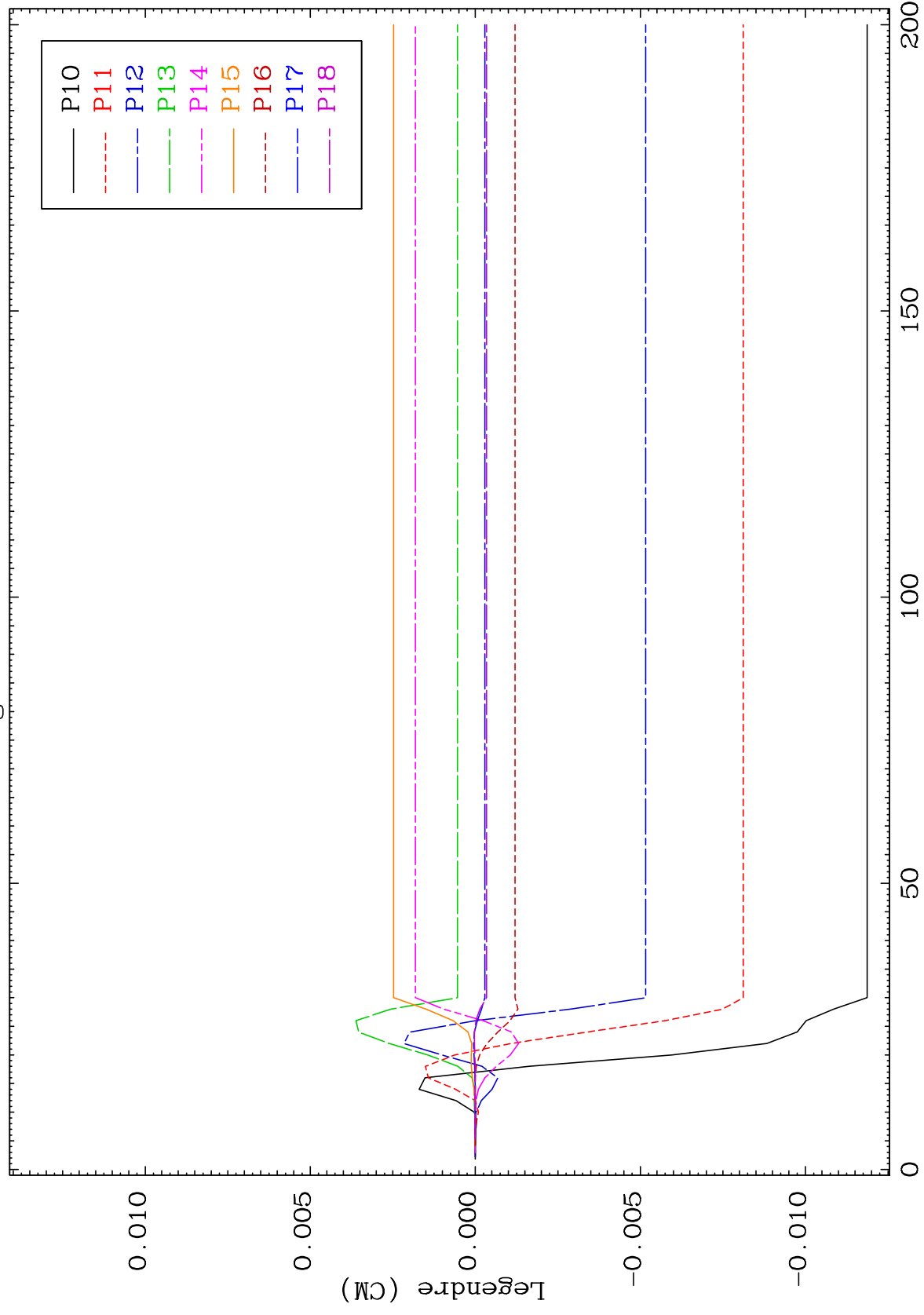
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



99

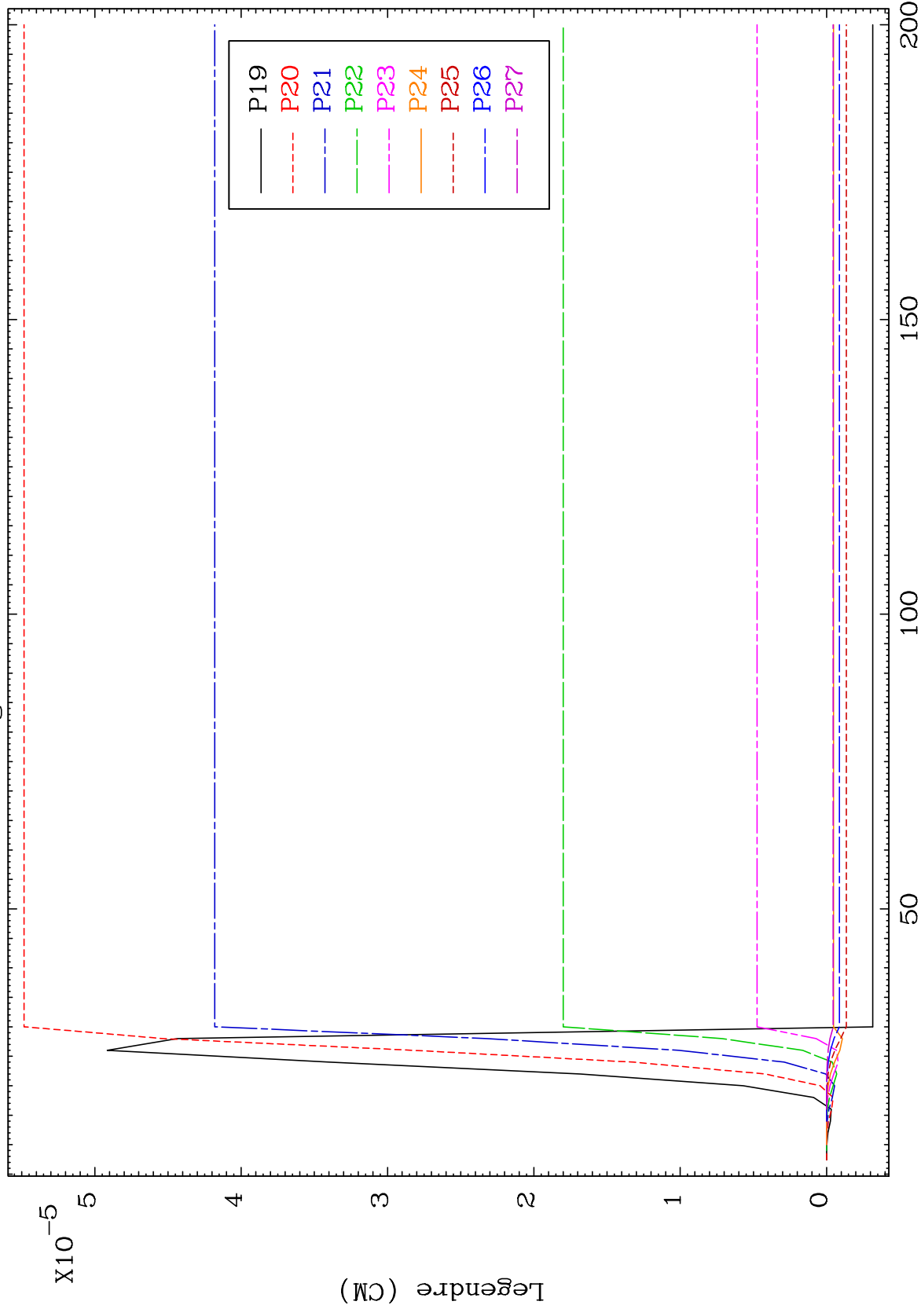
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

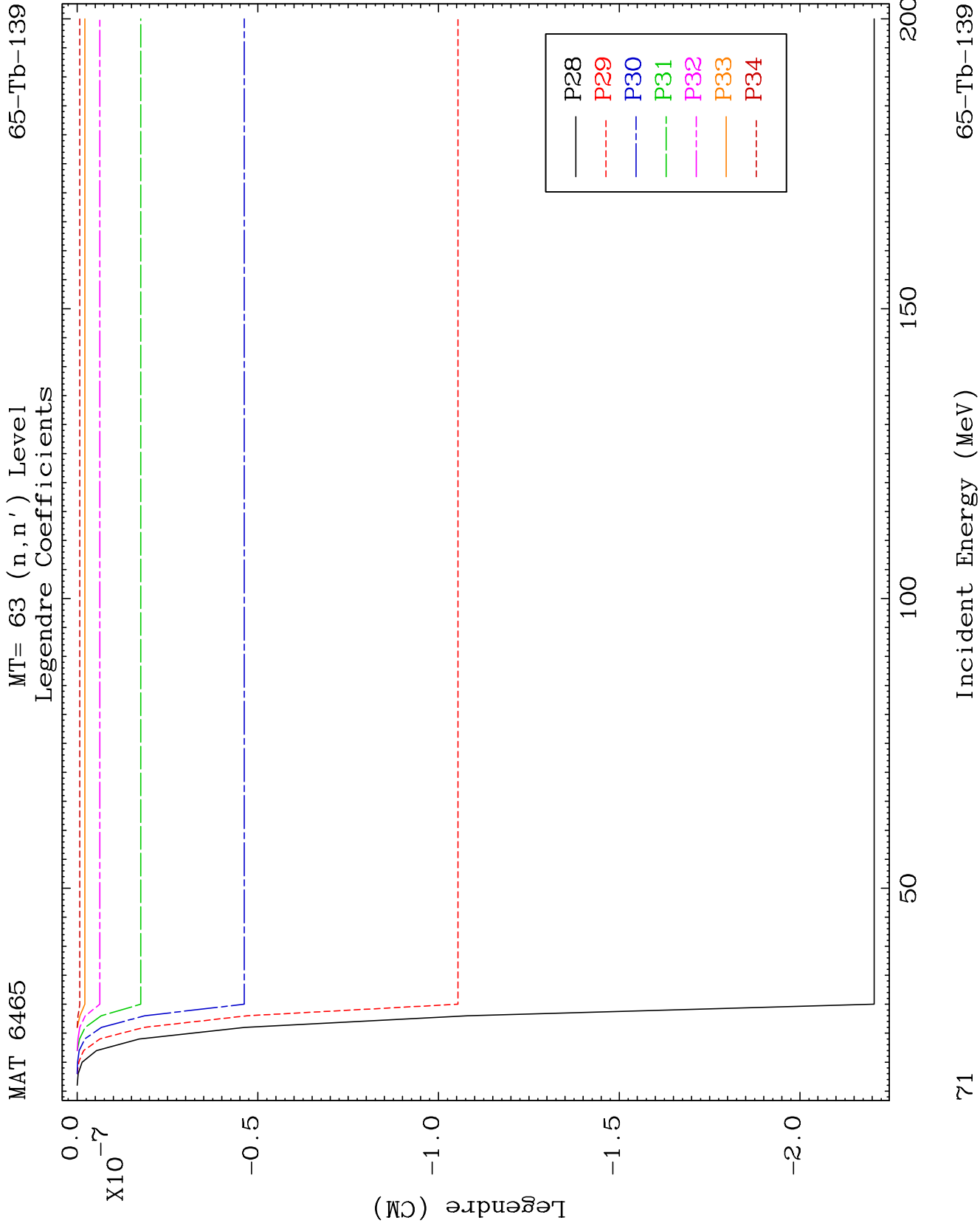
65-Tb-139

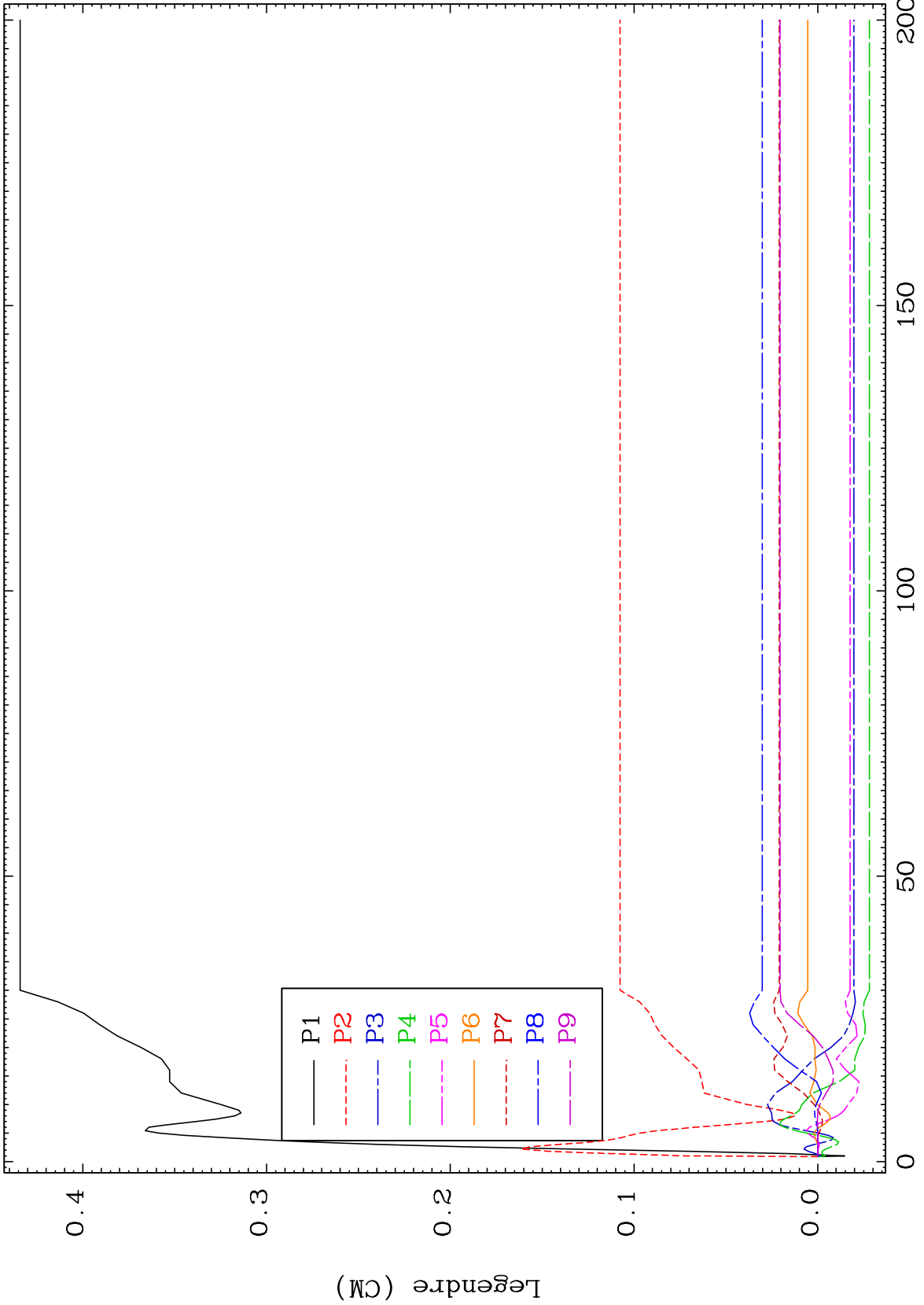


20

Incident Energy (MeV)

65-Tb-139

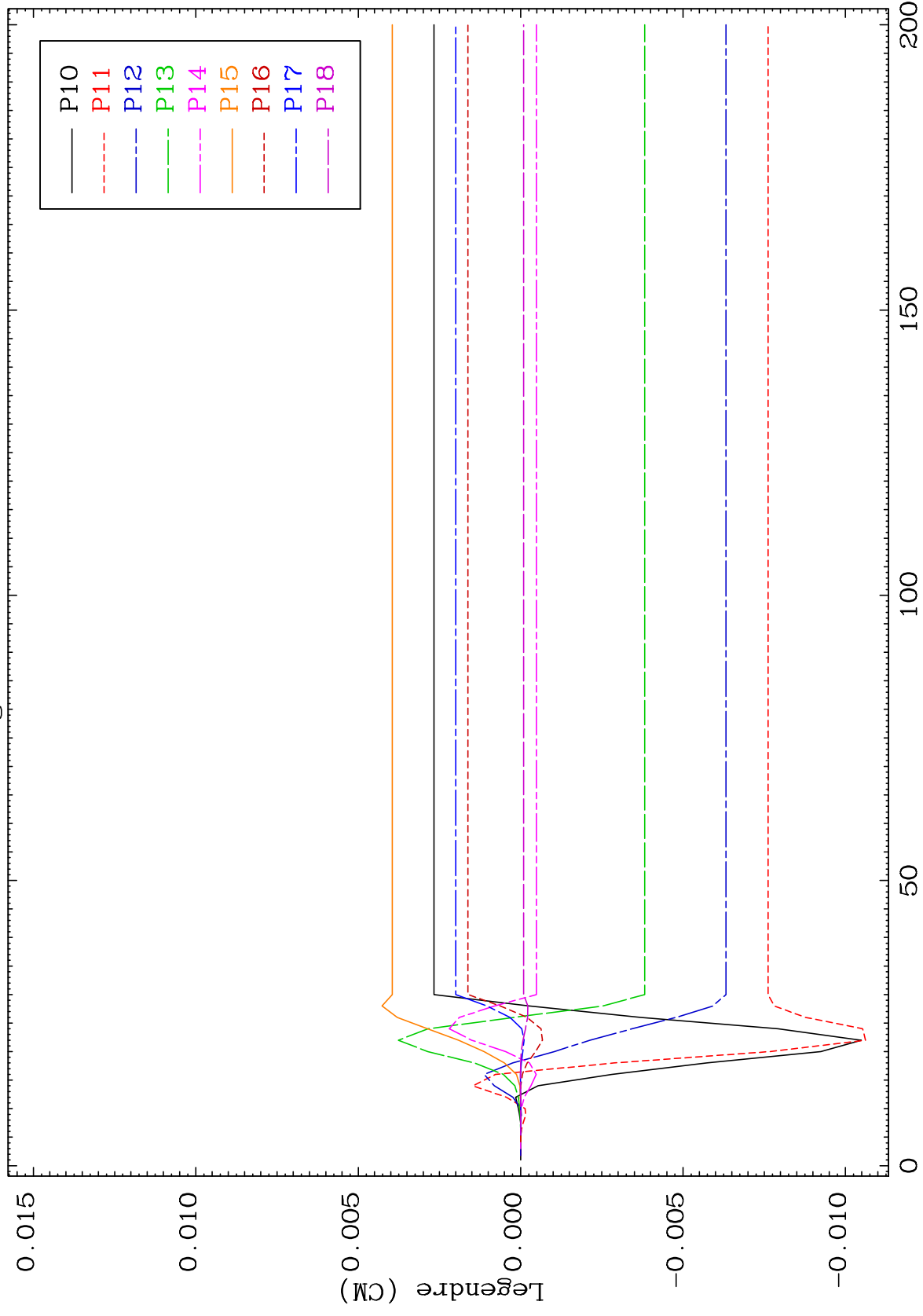




MAT 6465

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

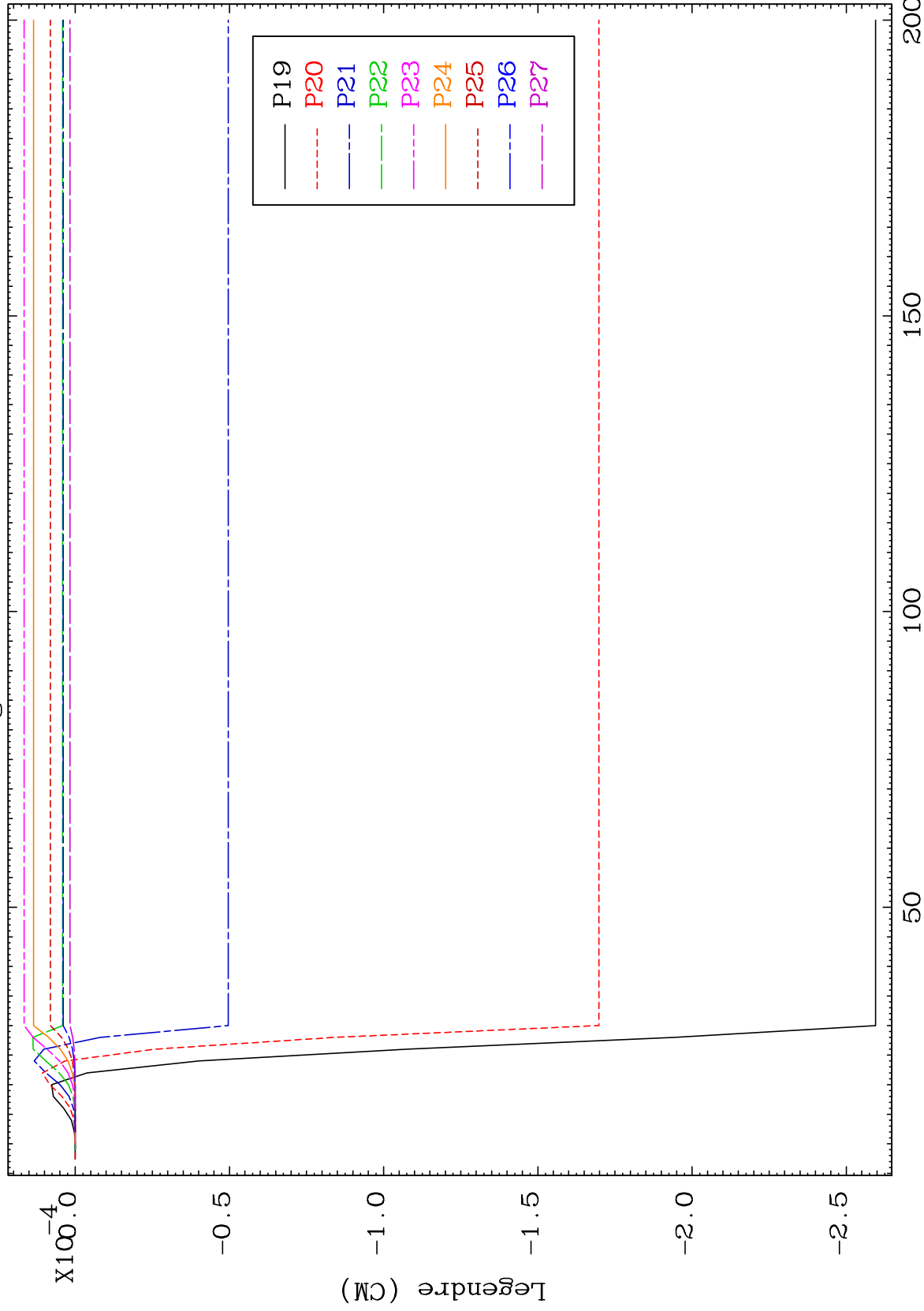
65-Tb-139



23

Incident Energy (MeV)

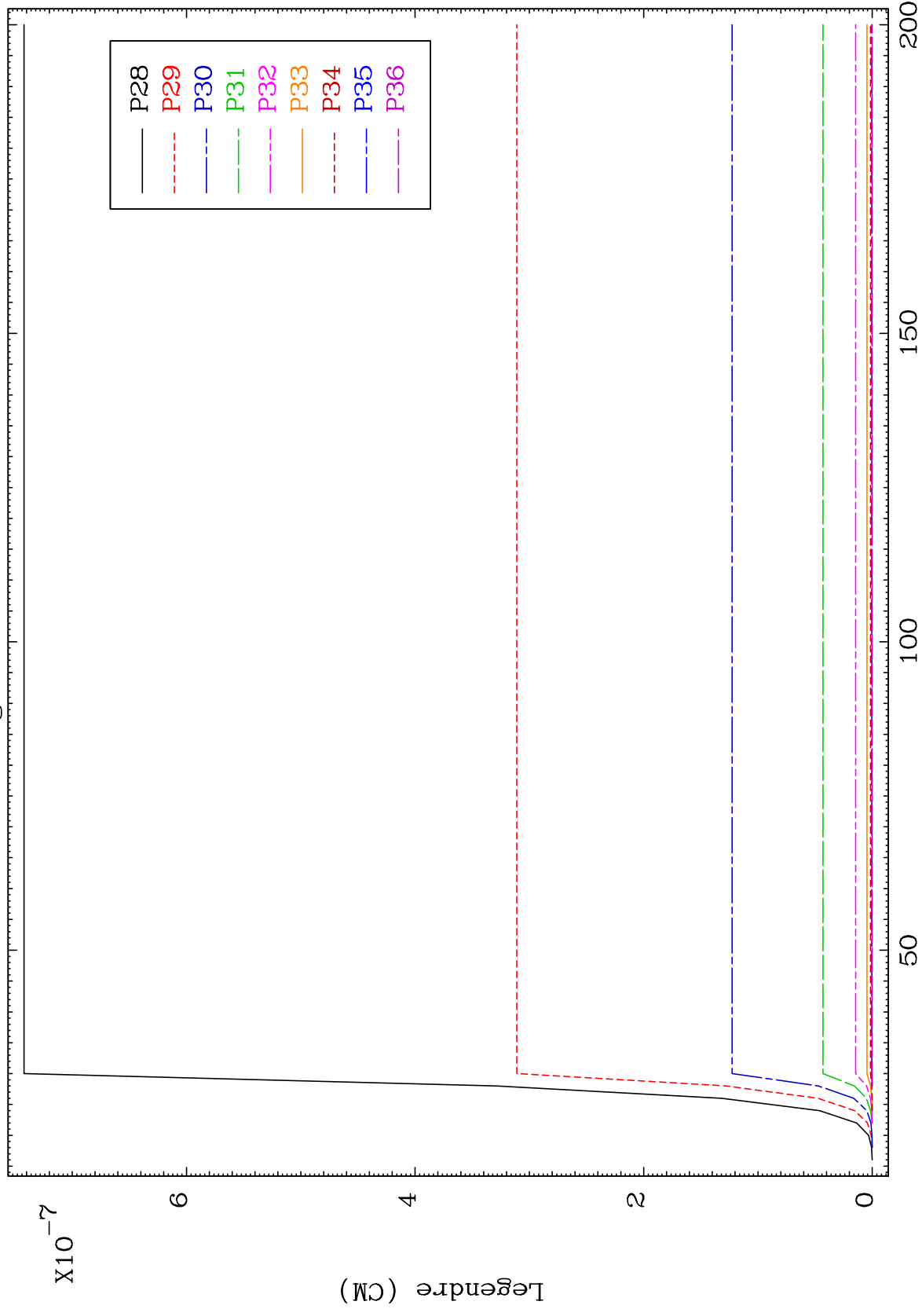
65-Tb-139



MAT 6465

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

65-Tb-139



52

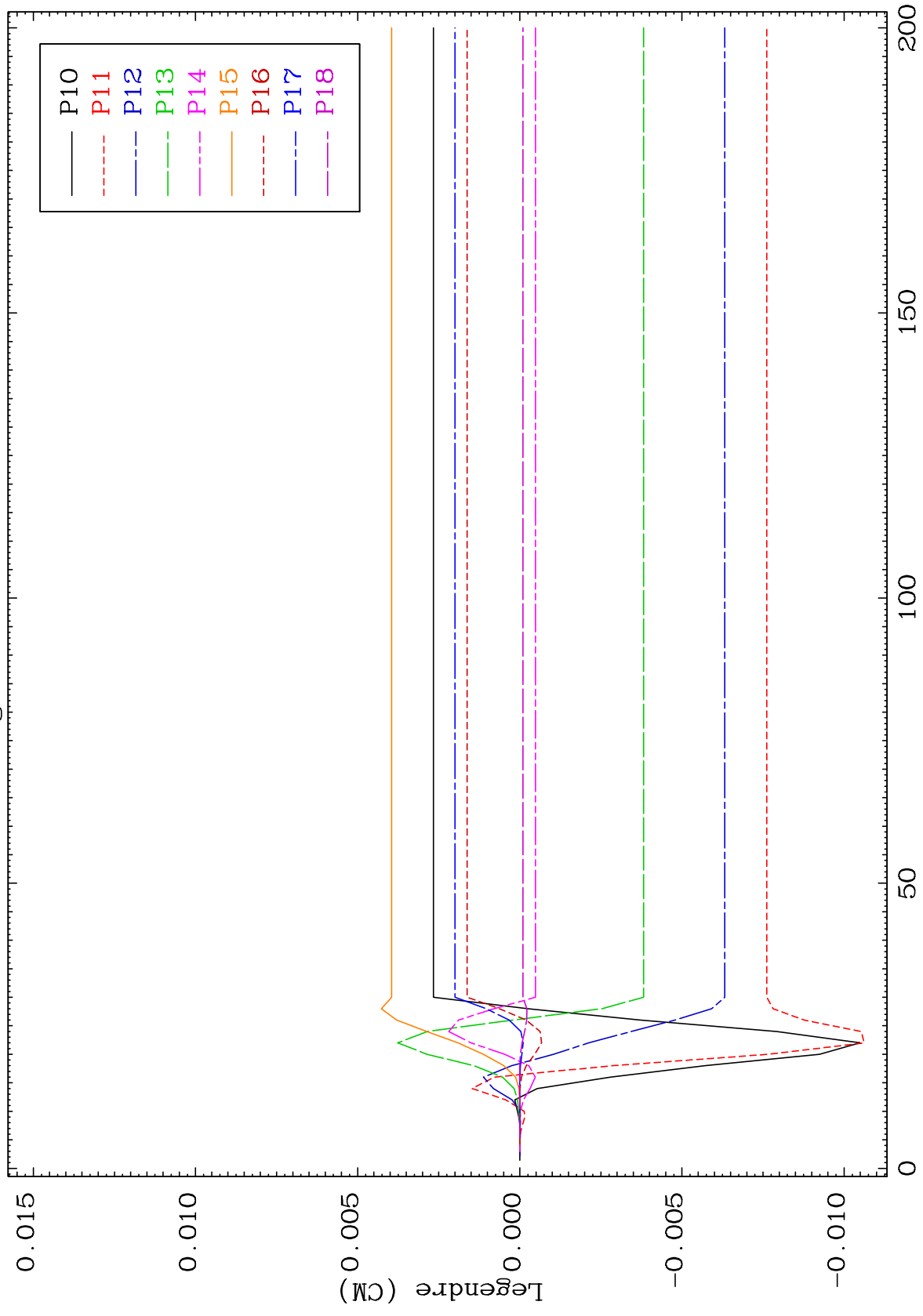
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

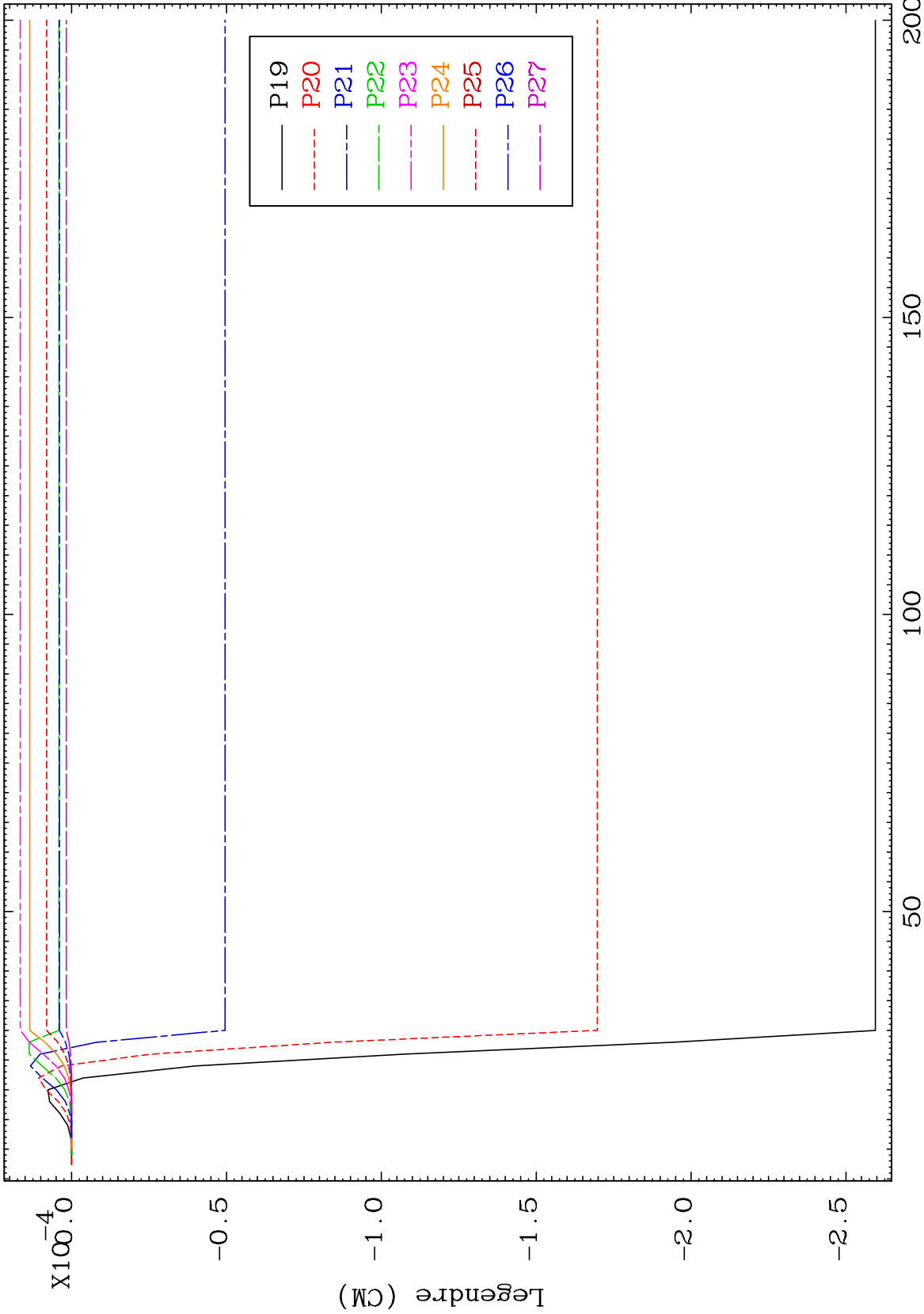
65-Tb-139



22

Incident Energy (MeV)

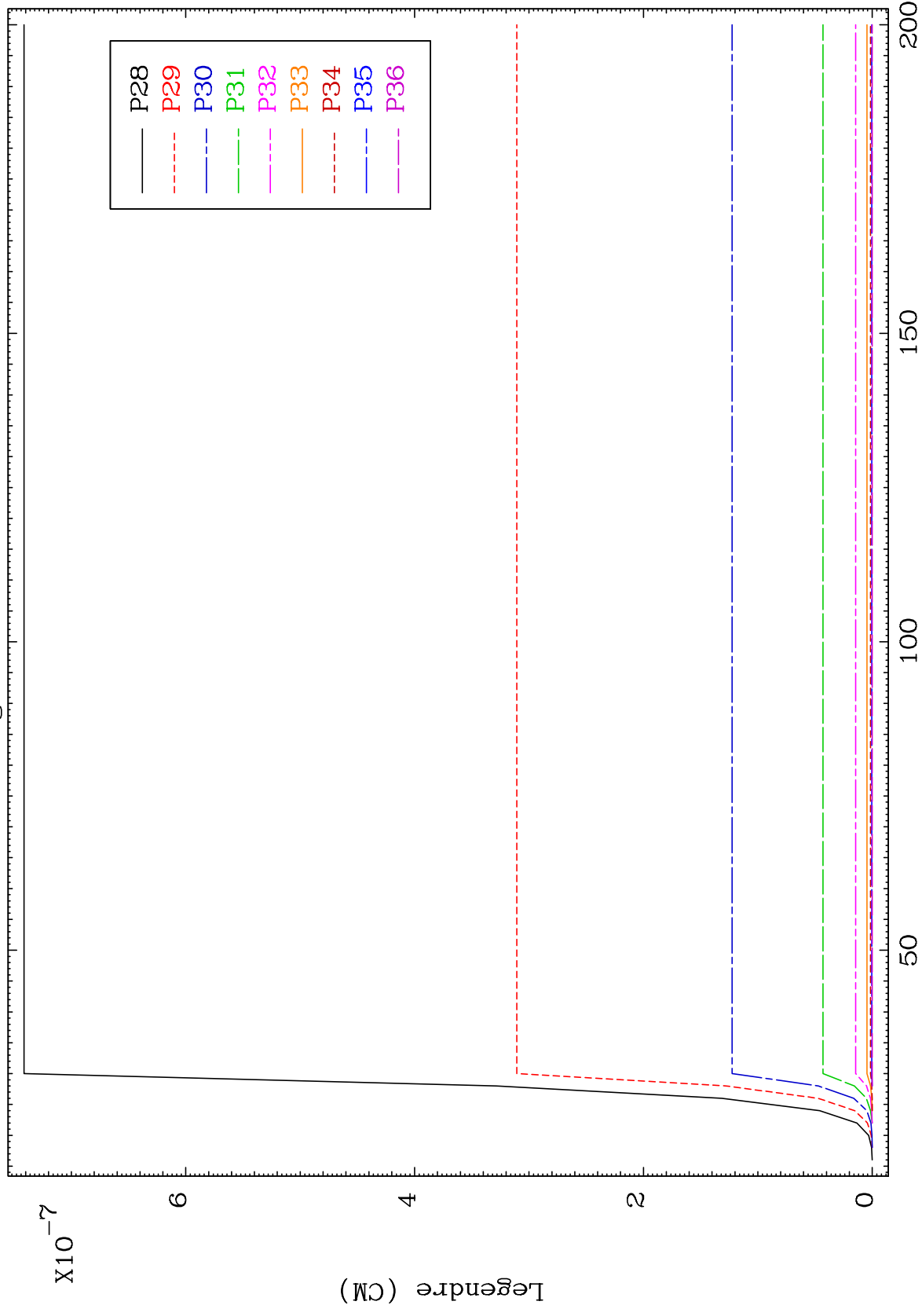
65-Tb-139



MAT 6465

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

65-Tb-139



62

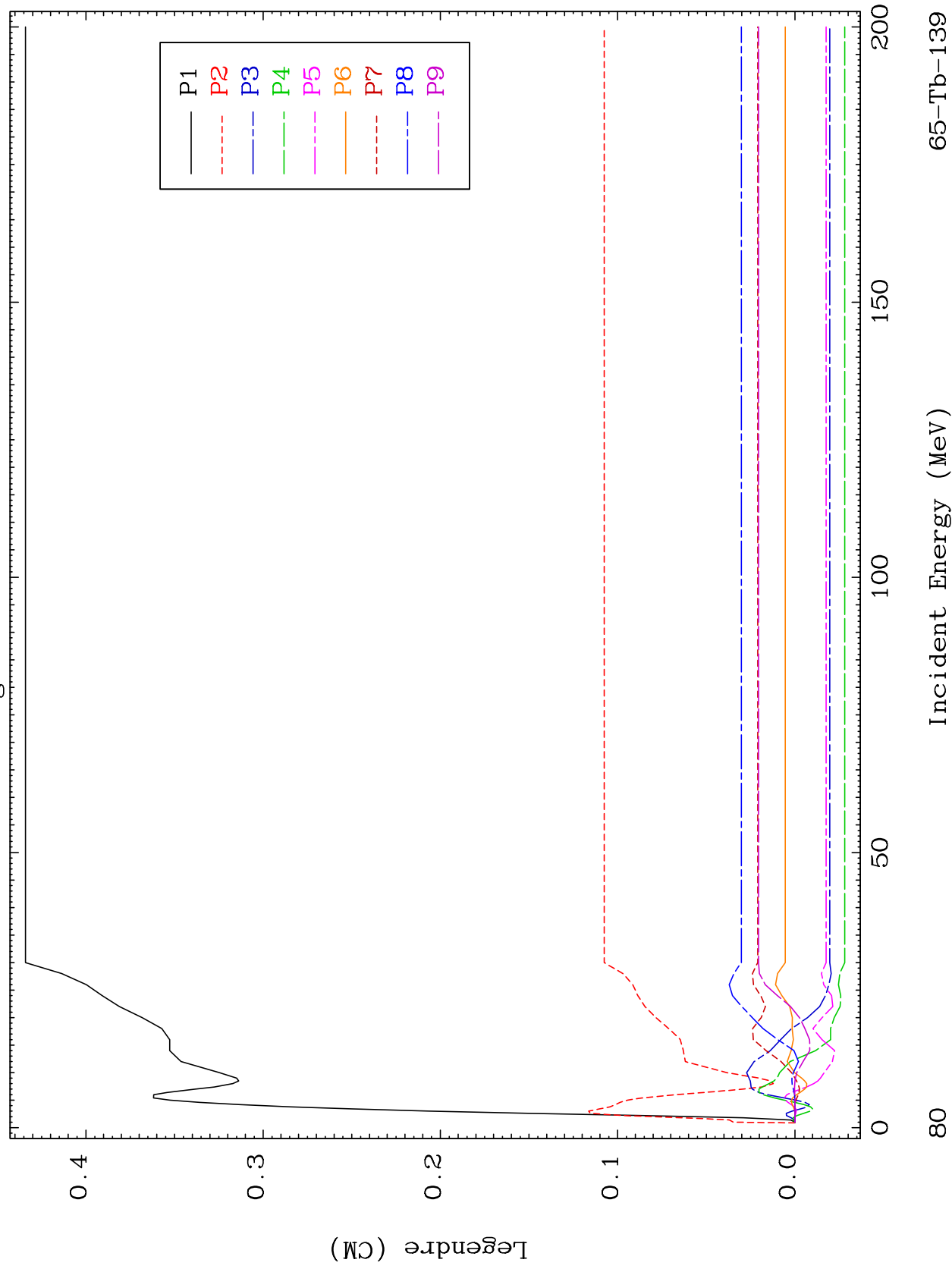
Incident Energy (MeV)

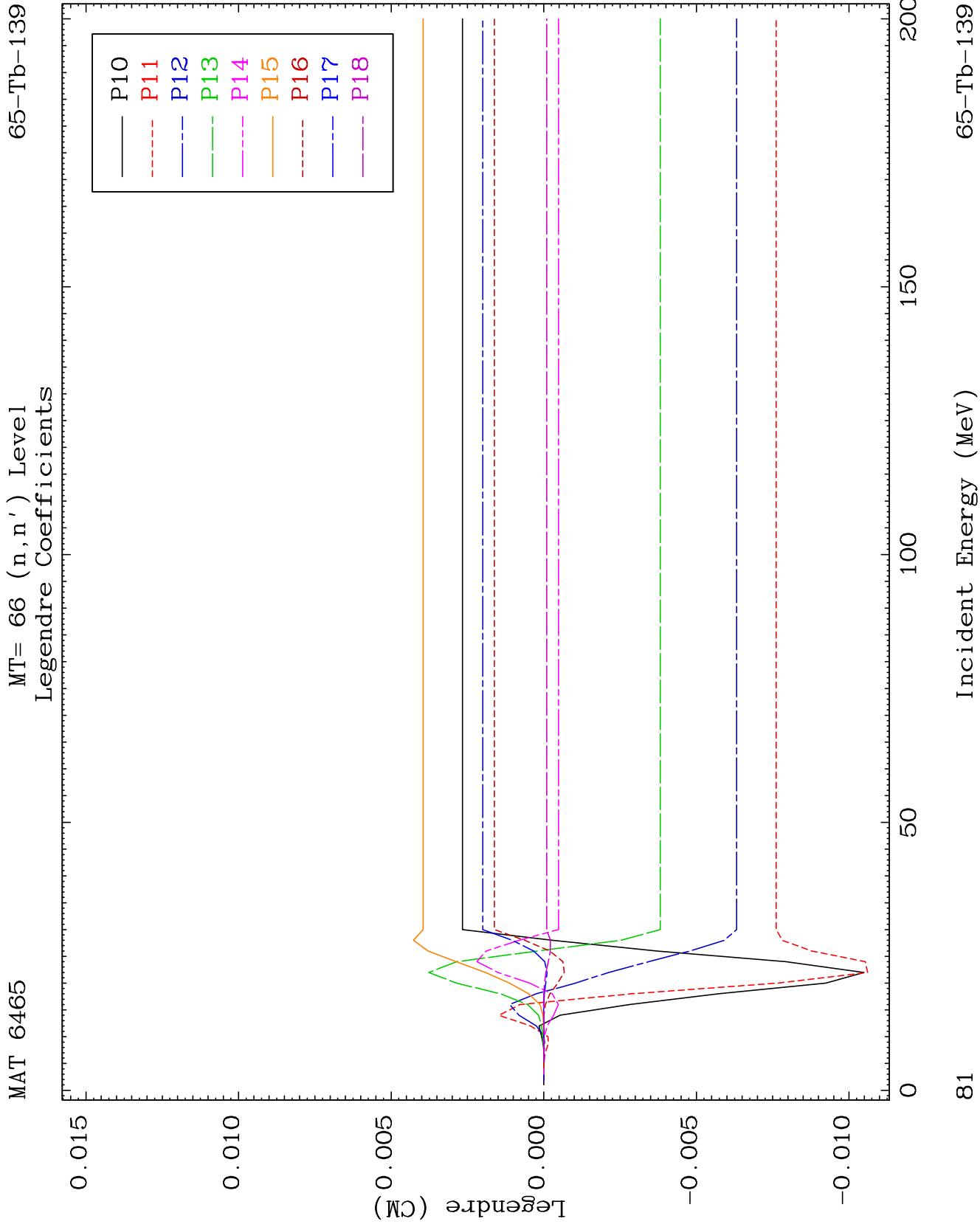
65-Tb-139

MAT 6465

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

65-Tb-139

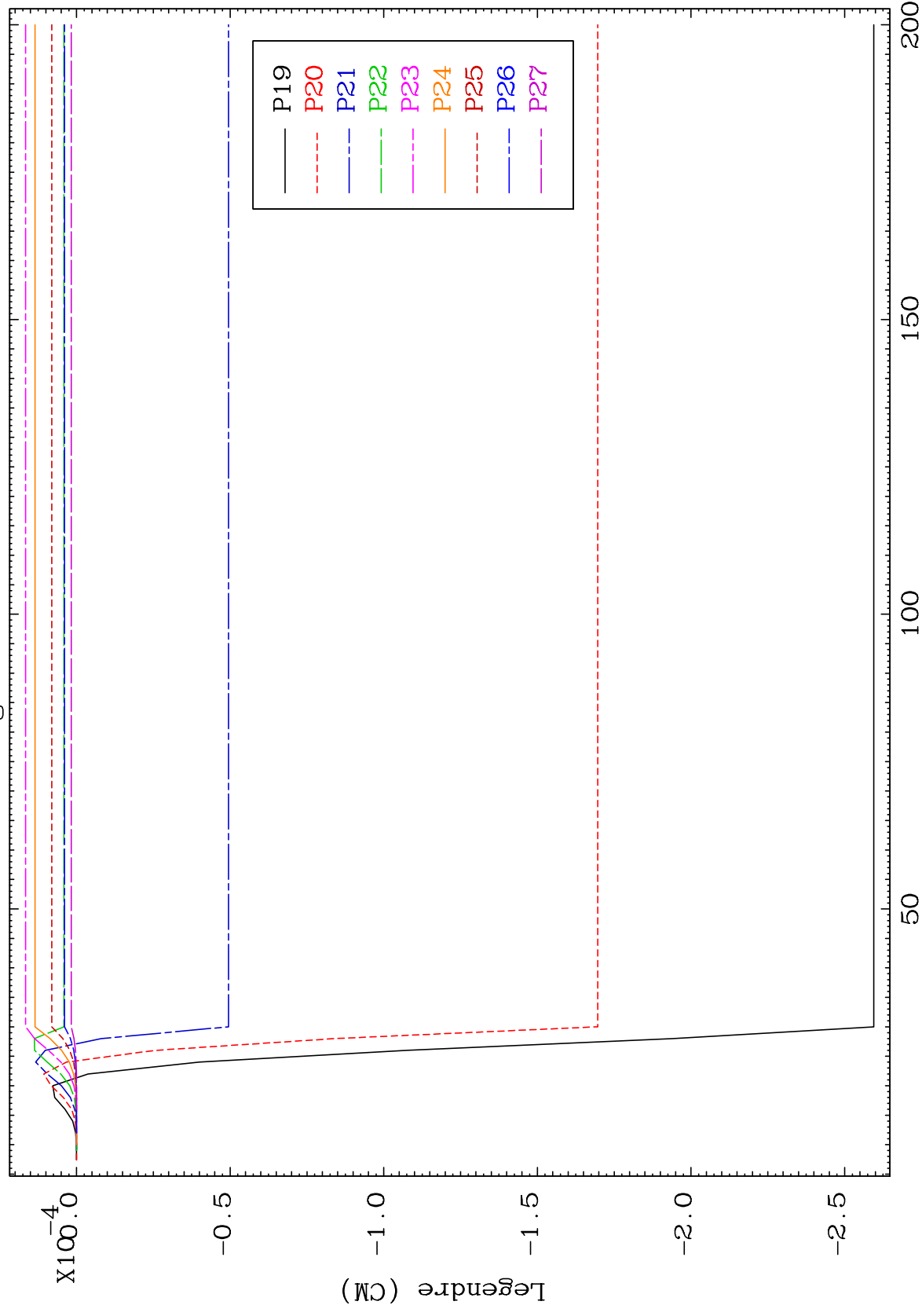




MAT 6465

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

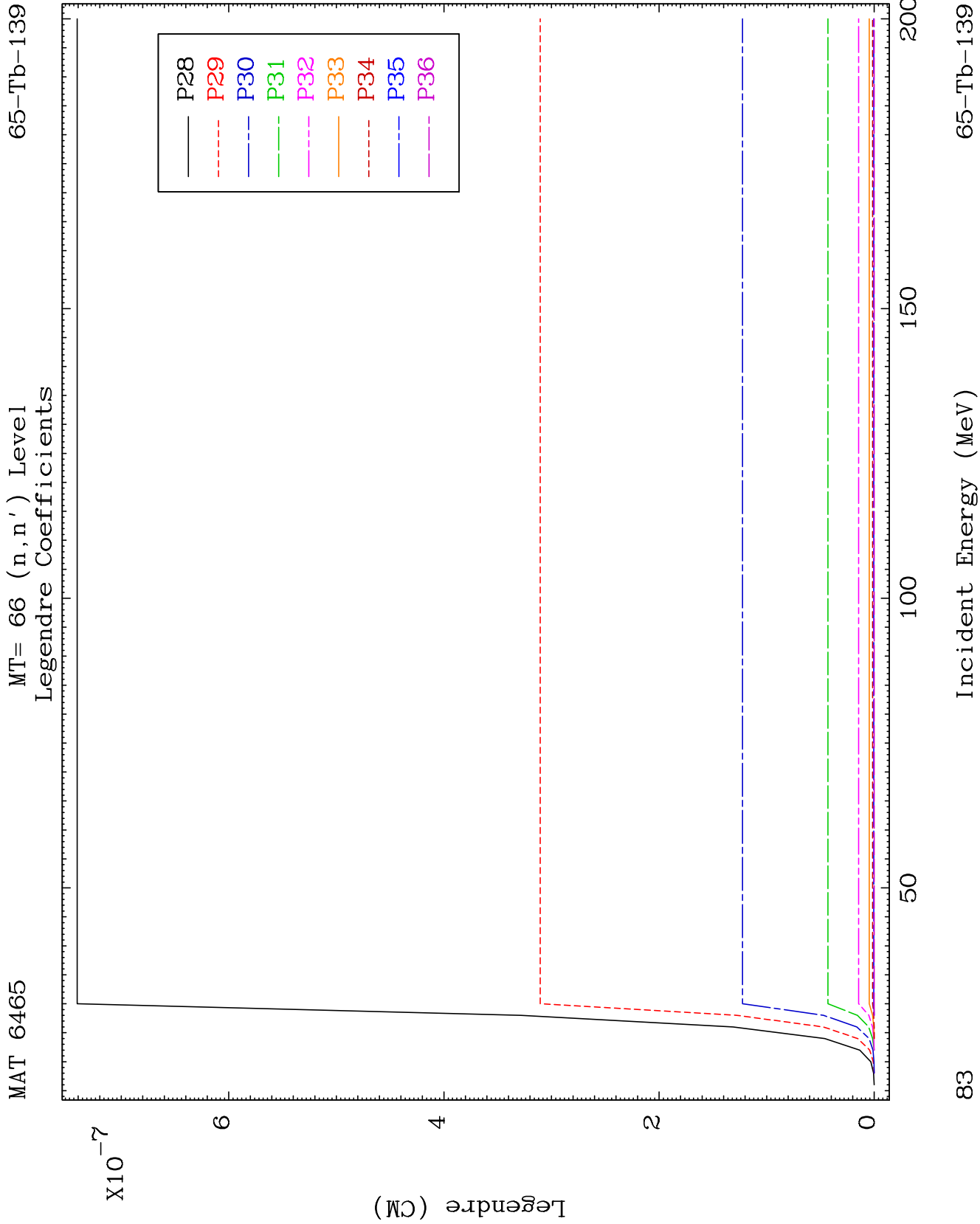
65-Tb-139

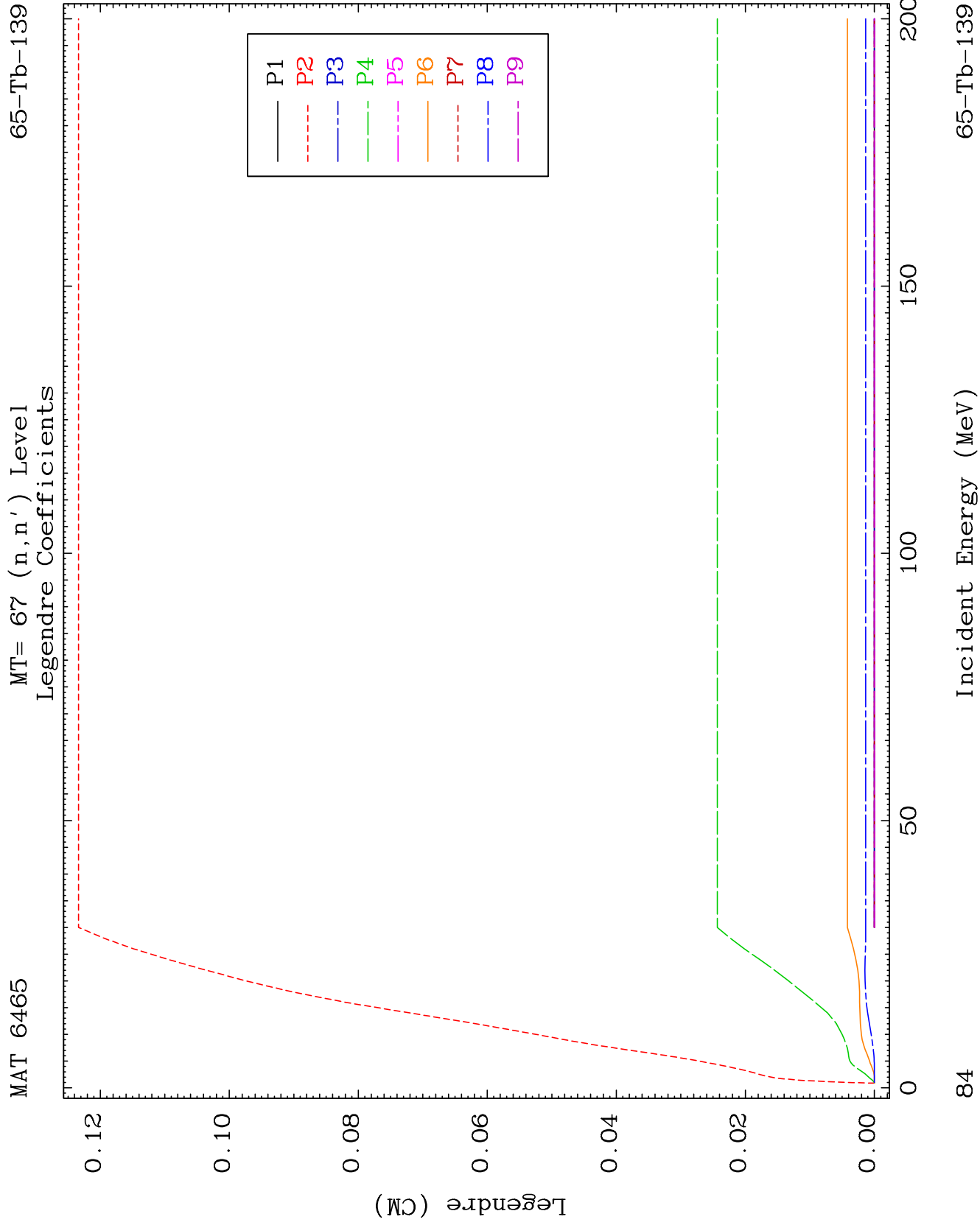


28

Incident Energy (MeV)

65-Tb-139

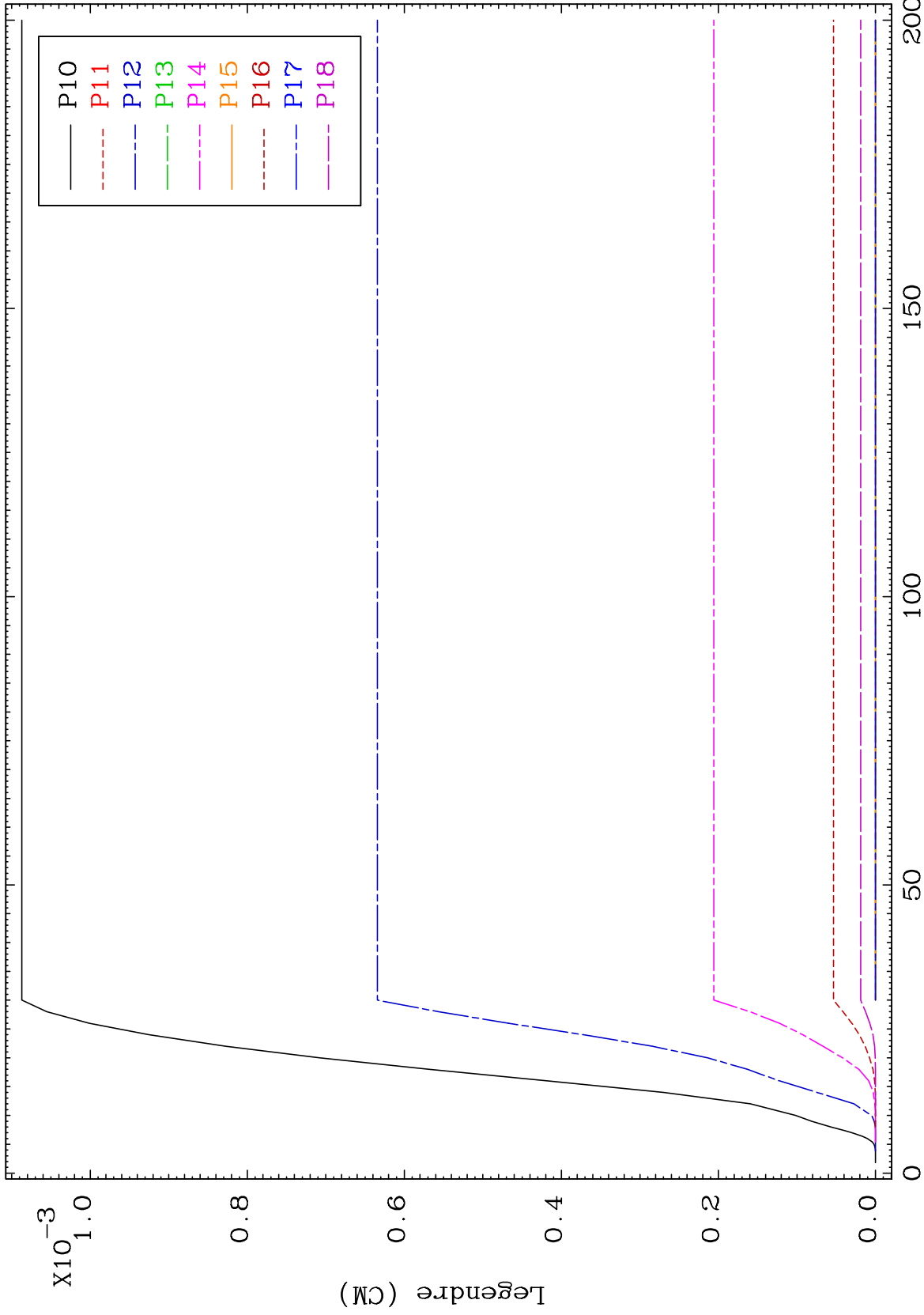




MAT 6465

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

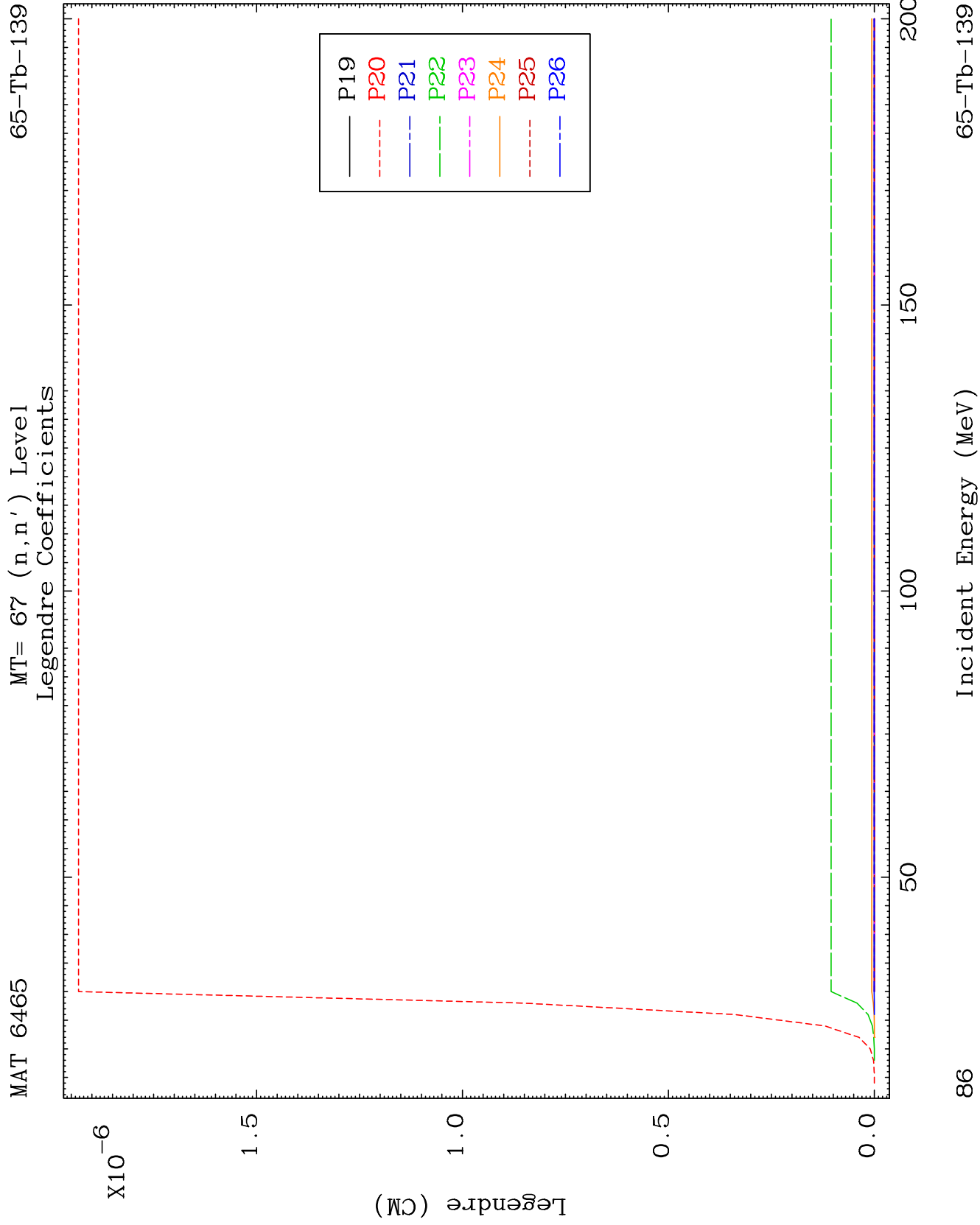
65-Tb-139



85

Incident Energy (MeV)

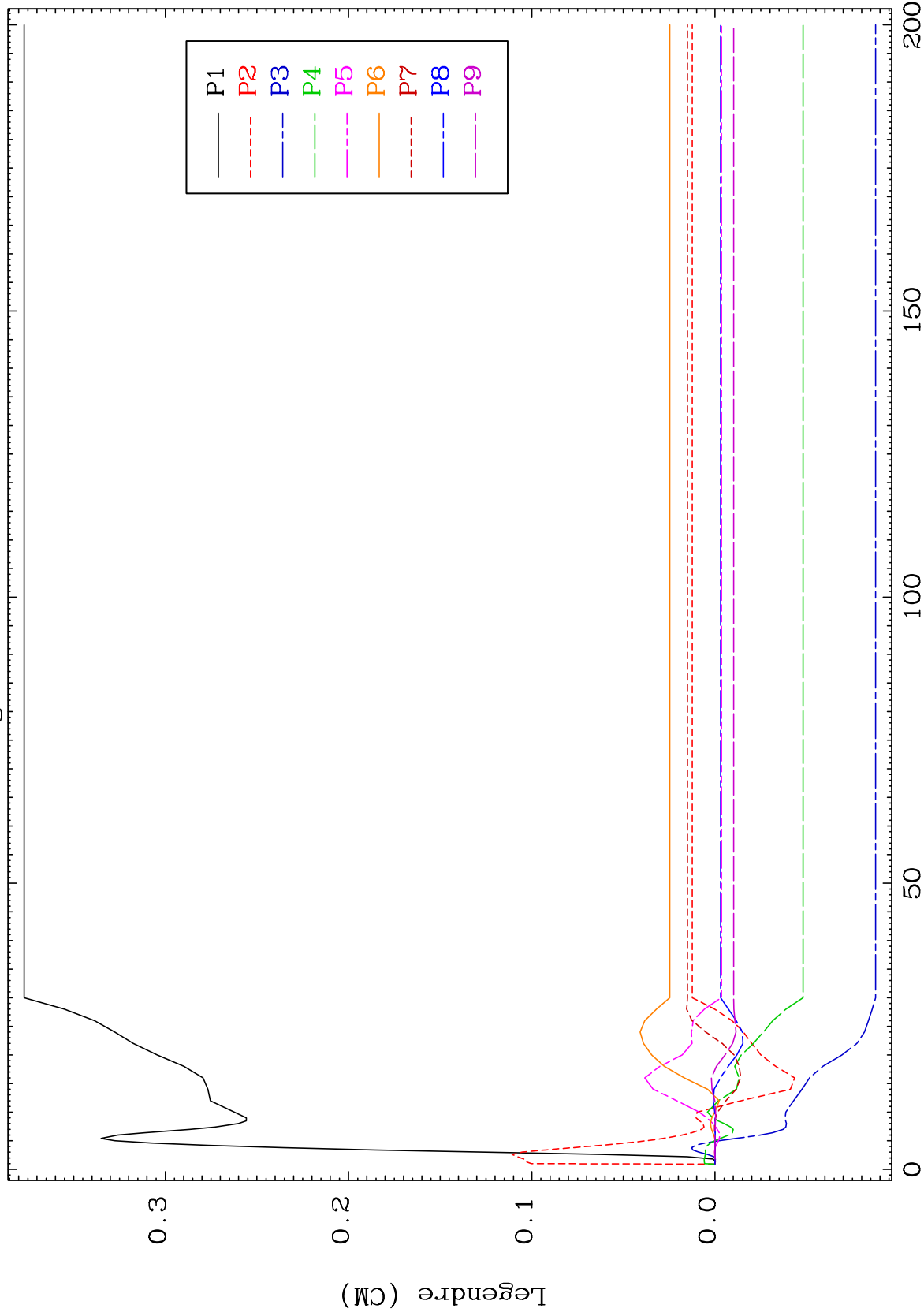
65-Tb-139



MAT 6465

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

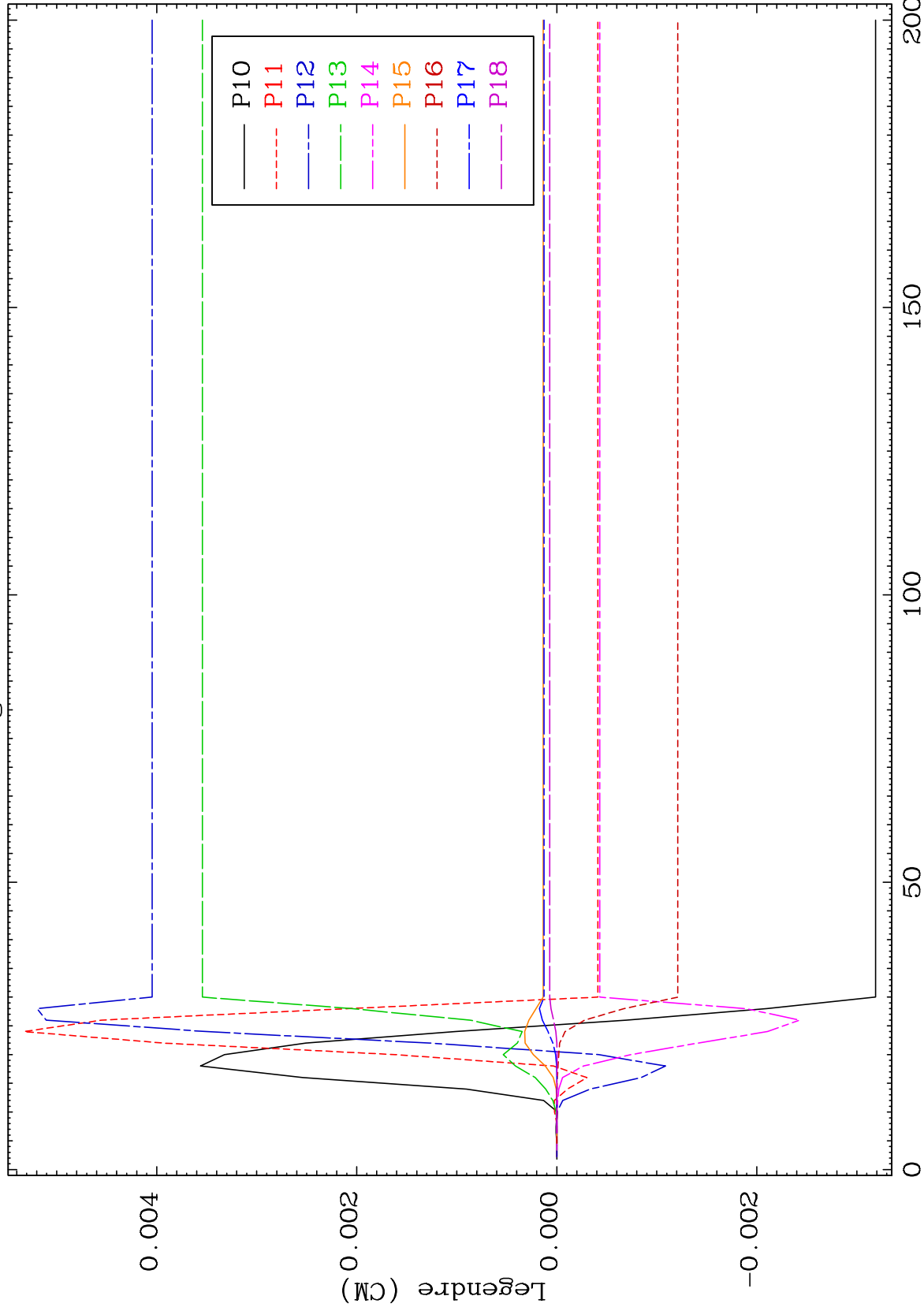
65-Tb-139

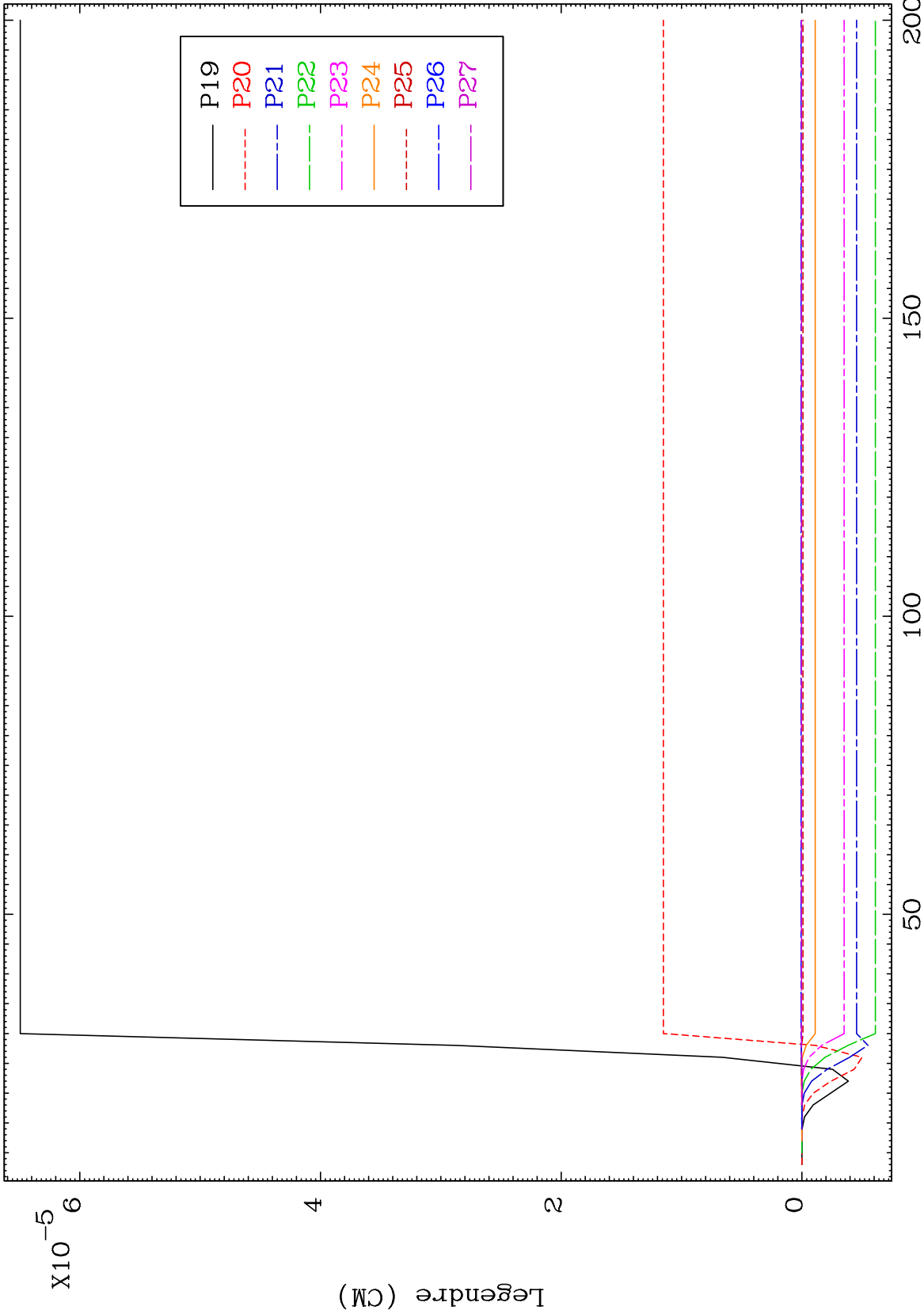


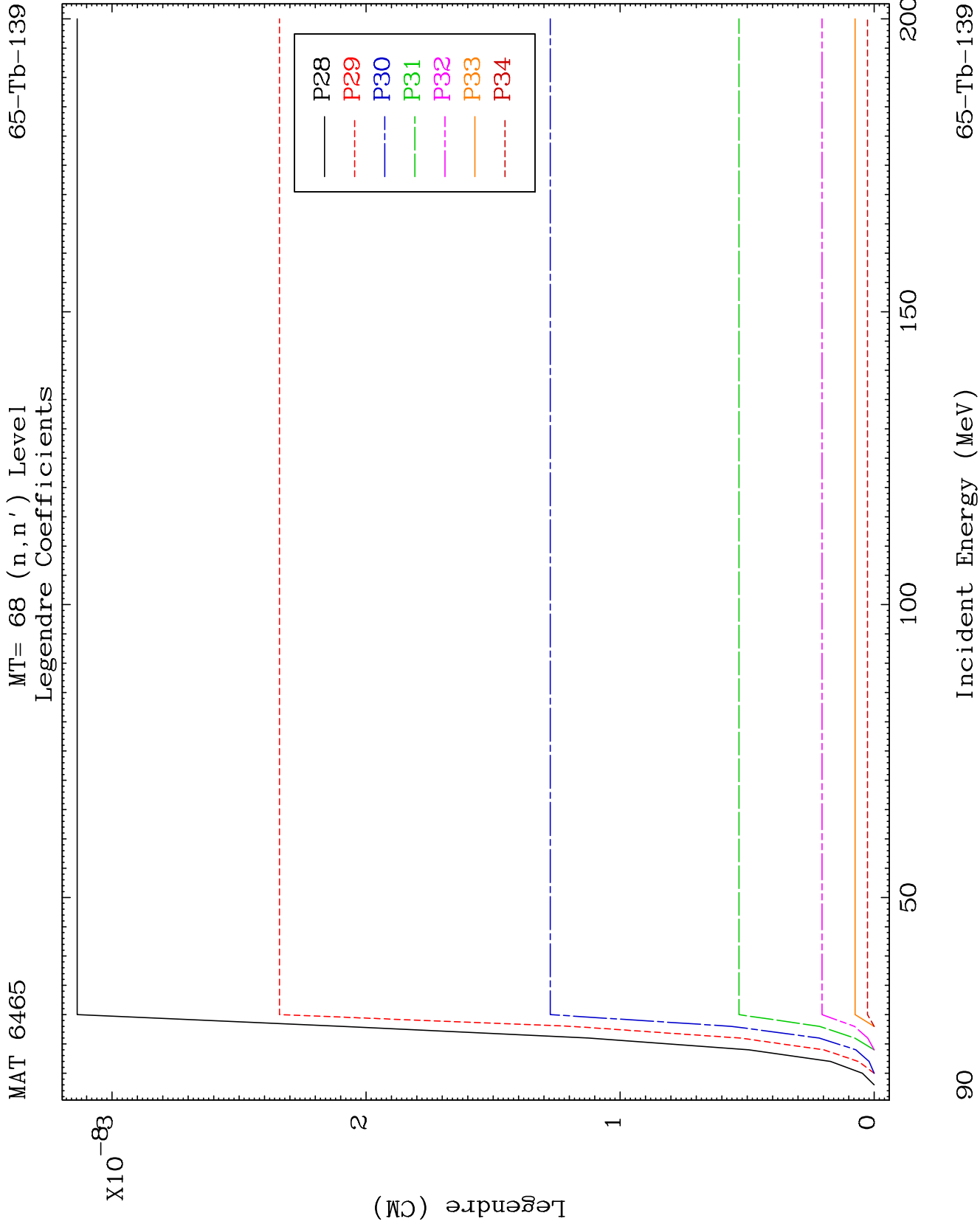
87

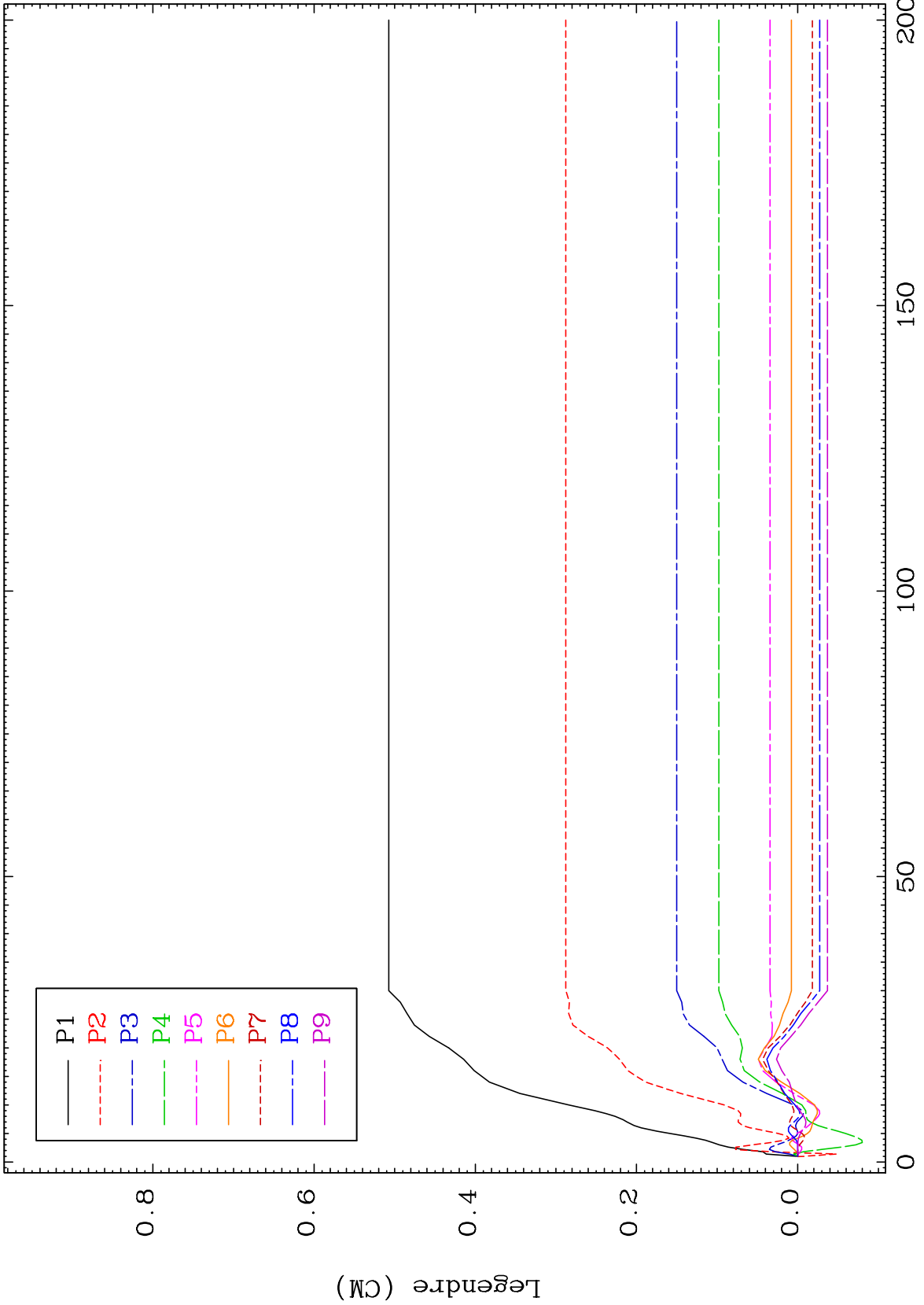
Incident Energy (MeV)

65-Tb-139





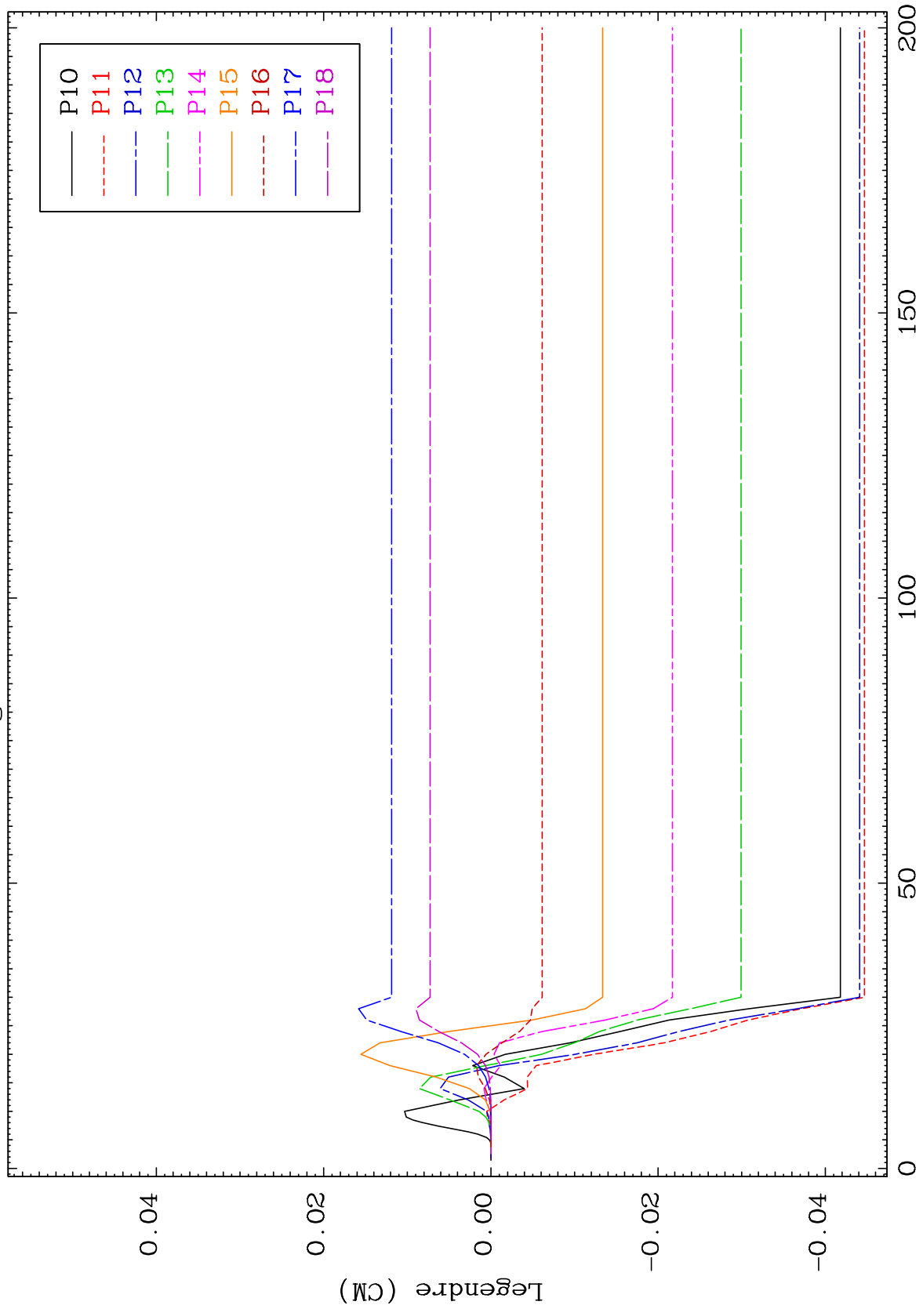




MAT 6465

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

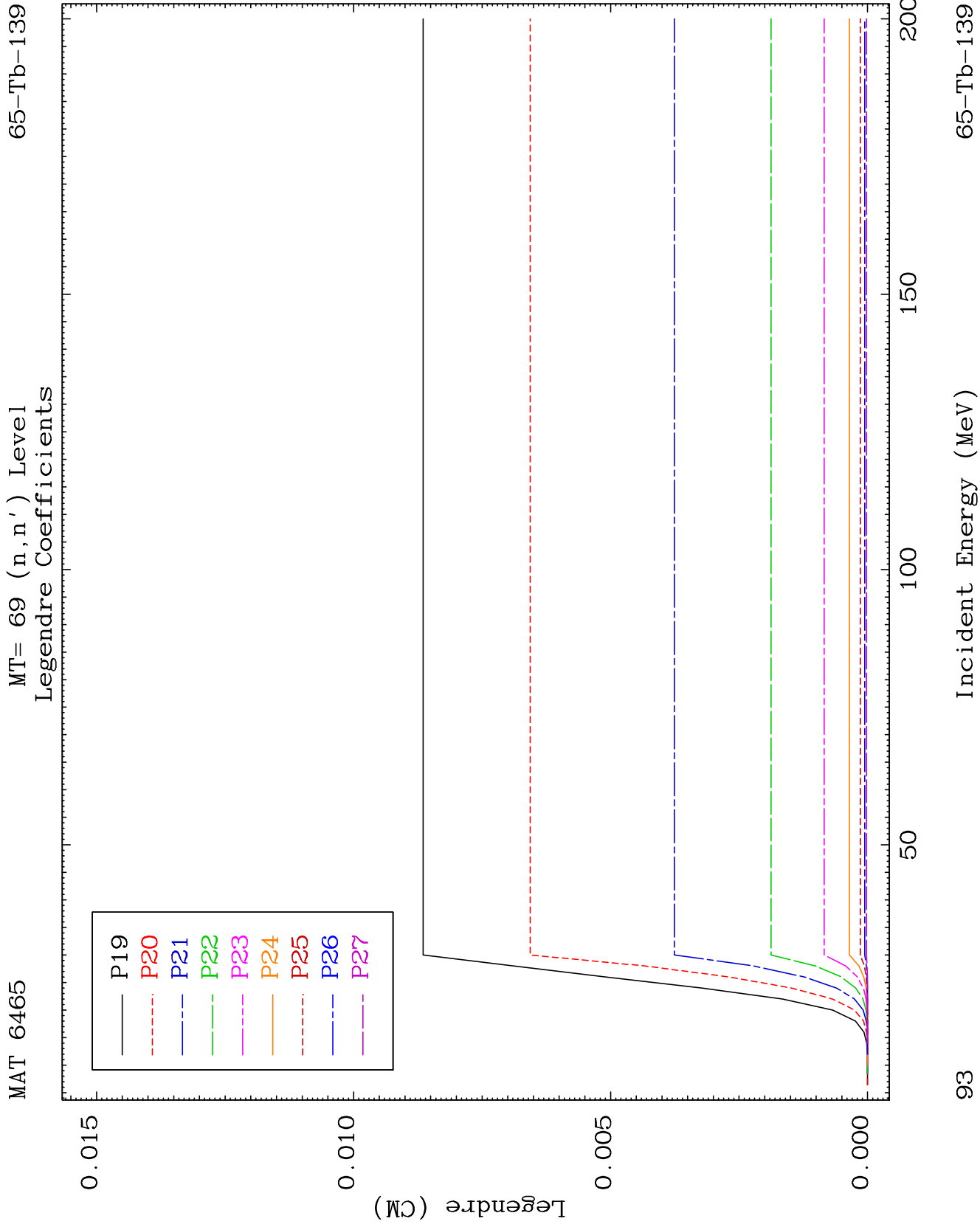
65-Tb-139



26

Incident Energy (MeV)

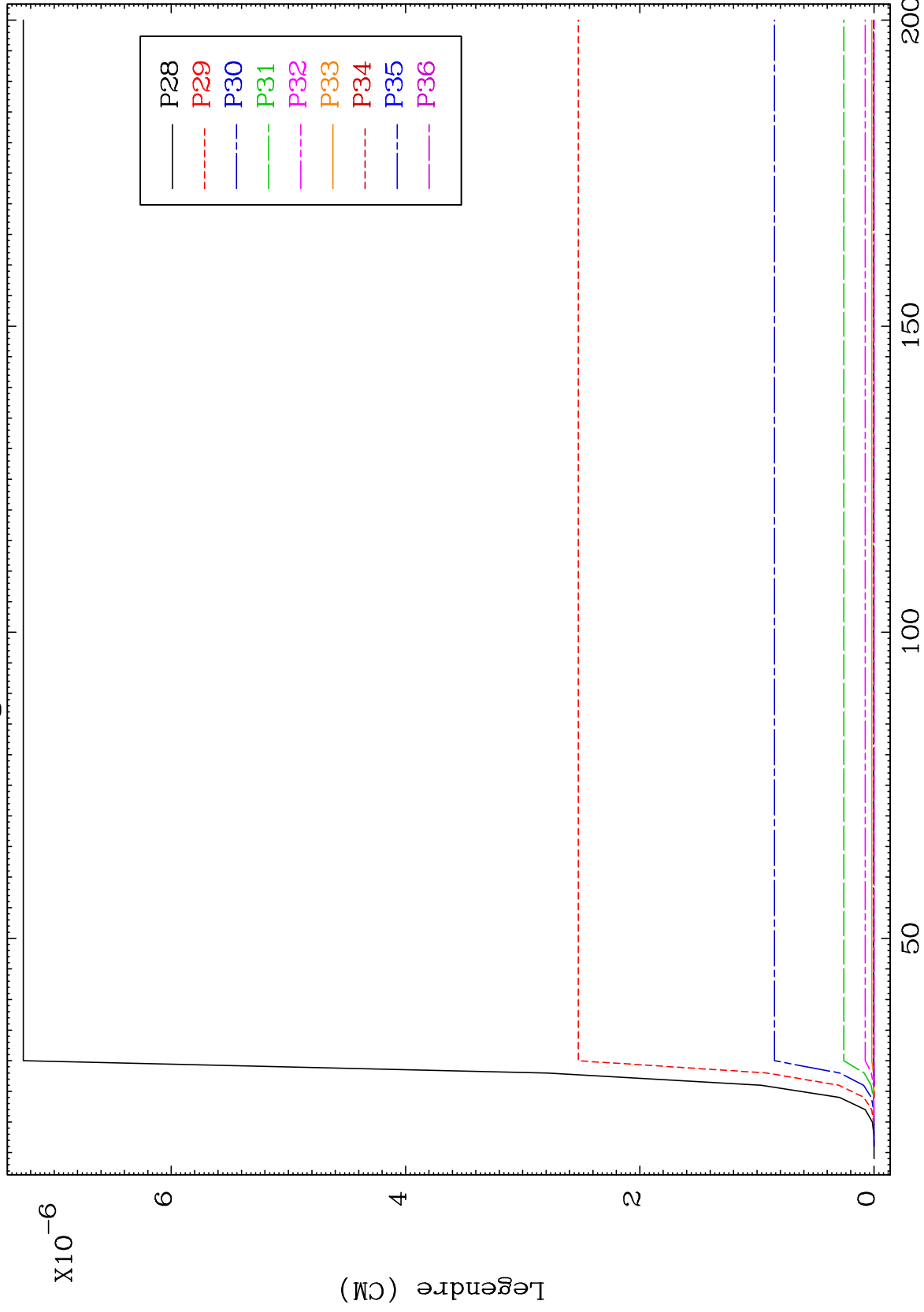
65-Tb-139



MAT 6465

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

65-Tb-139



94

Incident Energy (MeV)

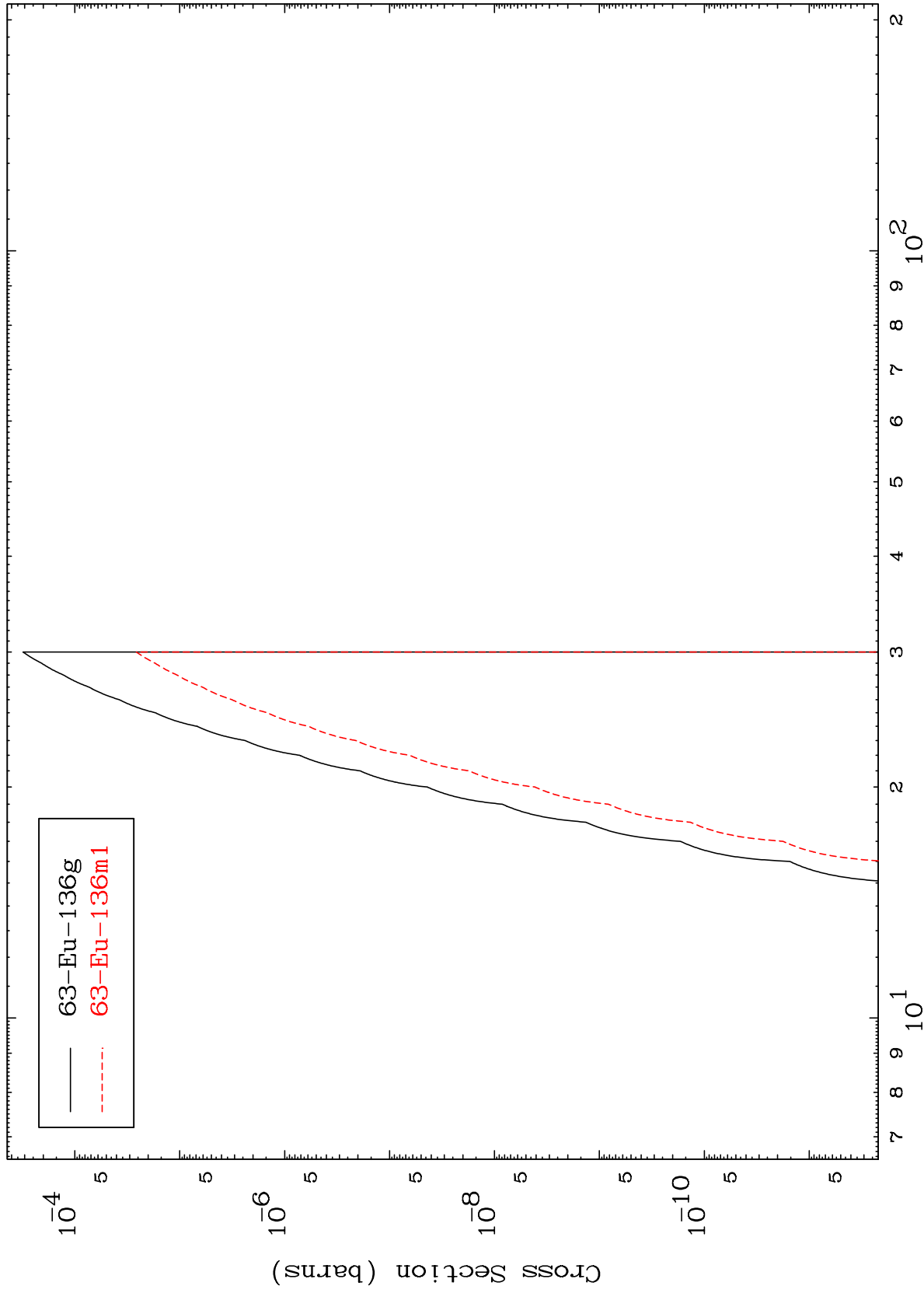
65-Tb-139

MAT 6465

(n,n') He-3

65-Tb-139

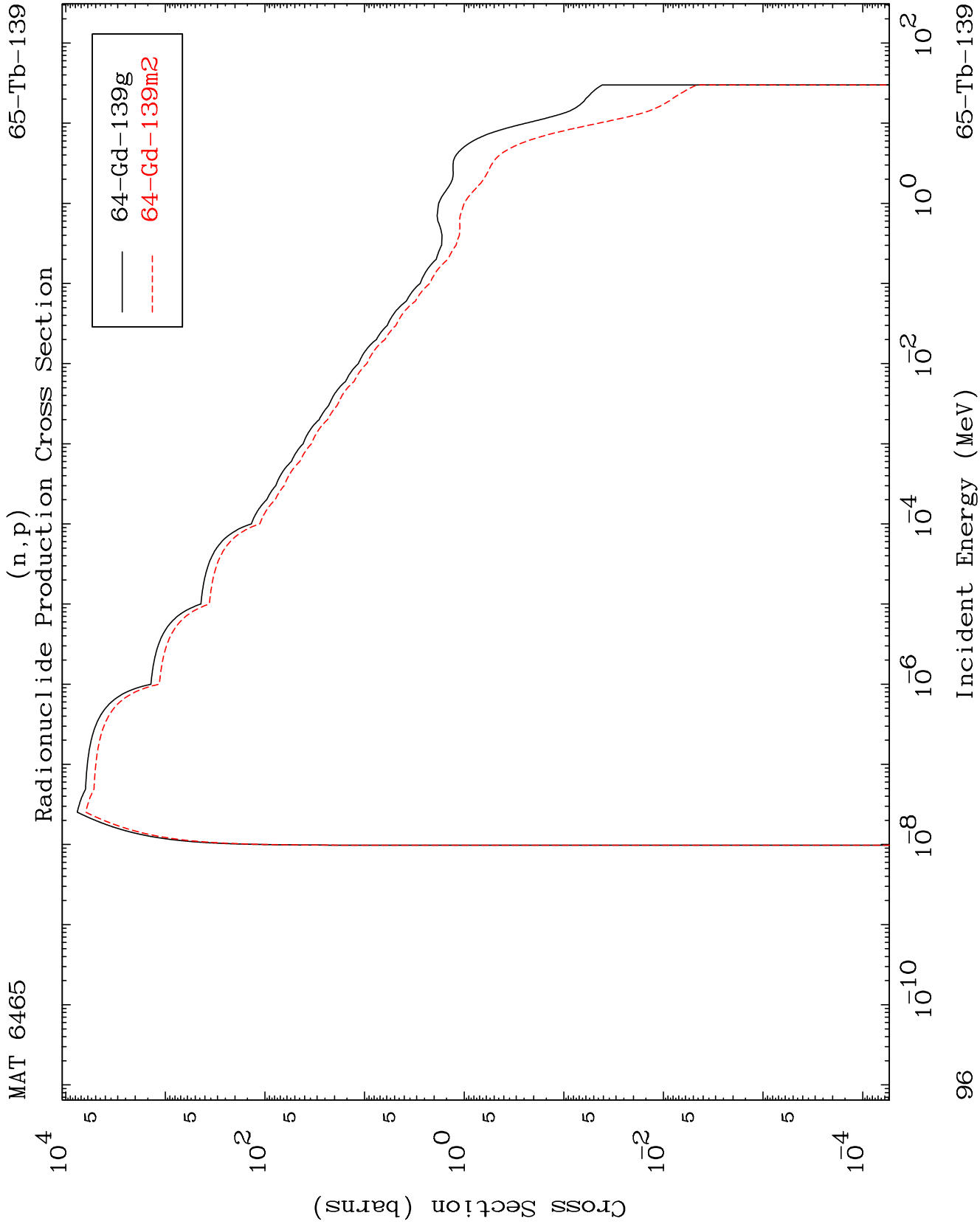
Radionuclide Production Cross Section



95

Incident Energy (MeV)

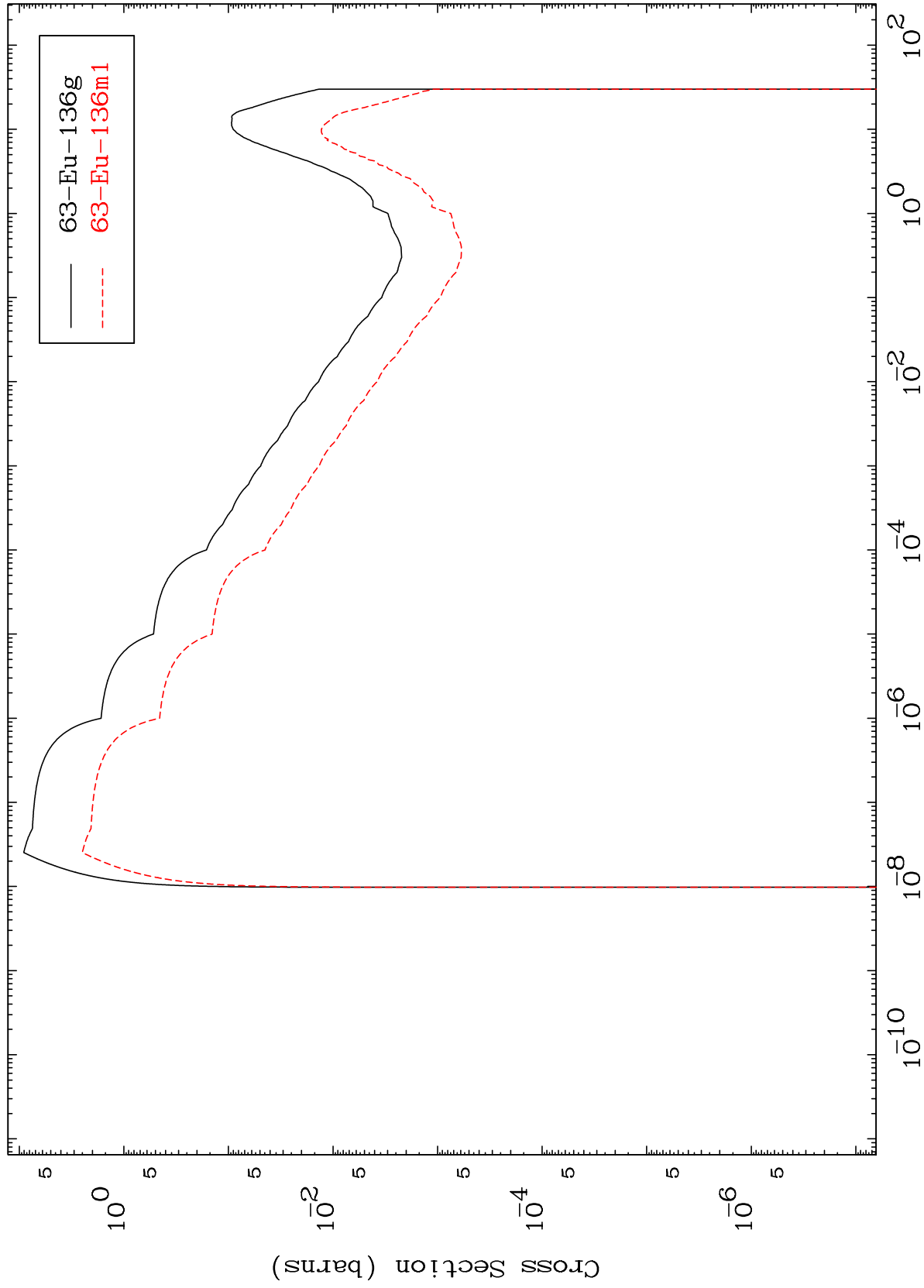
65-Tb-139



MAT 6465

65-Tb-139

(n, α)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

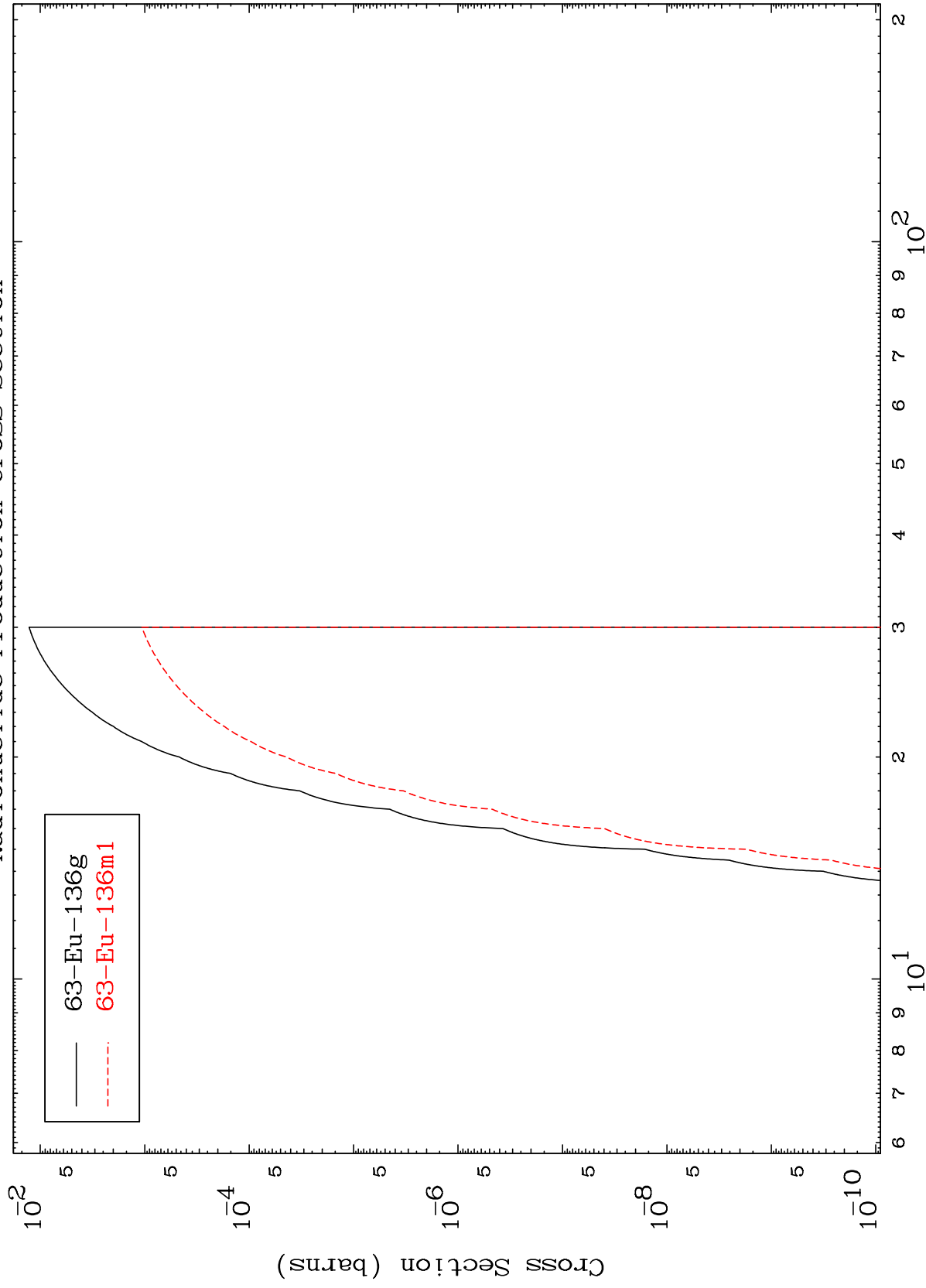
65-Tb-139

MAT 6465

(n,p) t

65-Tb-139

Radionuclide Production Cross Section



98

Incident Energy (MeV)

65-Tb-139