

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

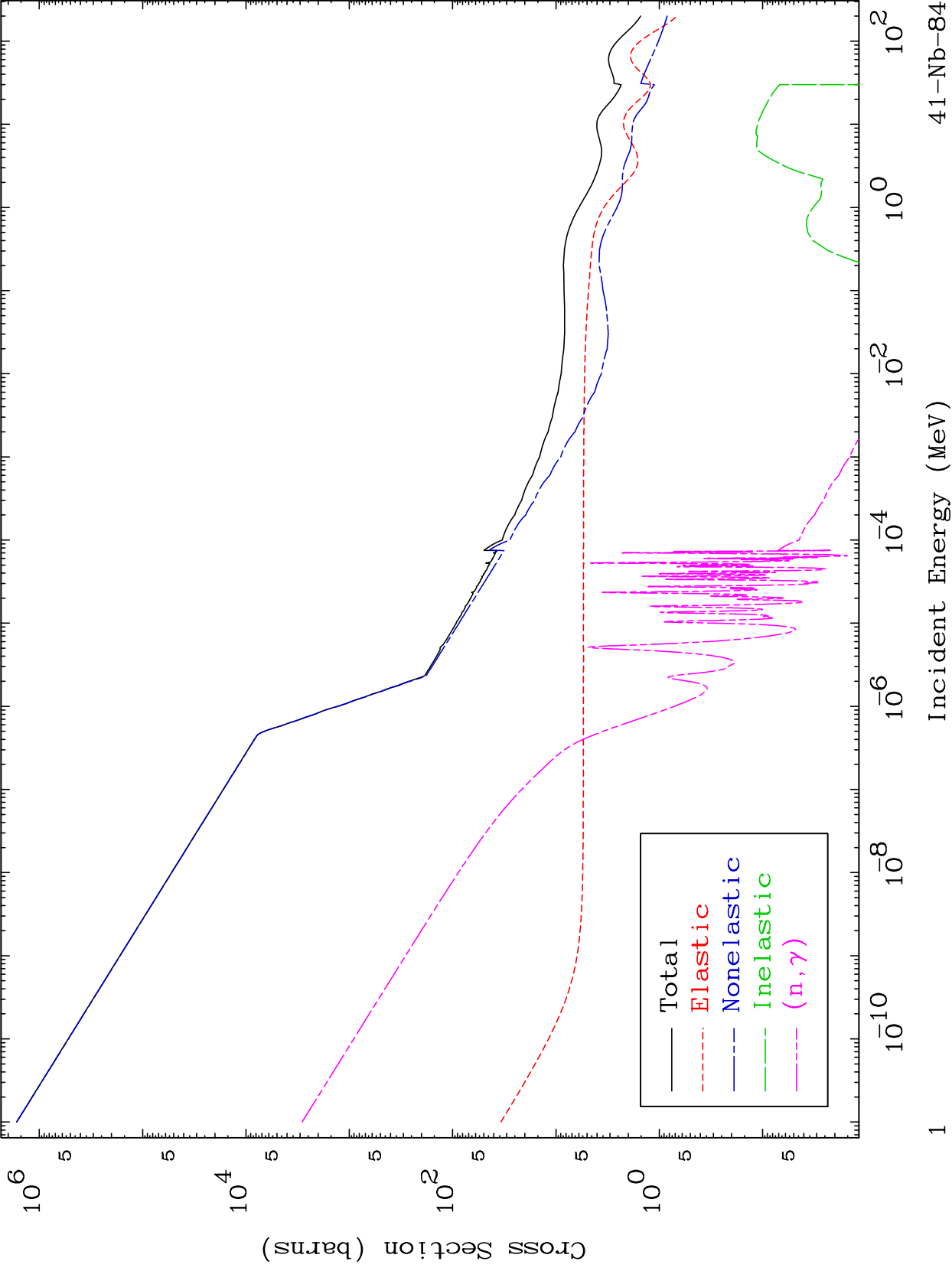
Web:redcullen1.net/HOMEPAGE.NEW

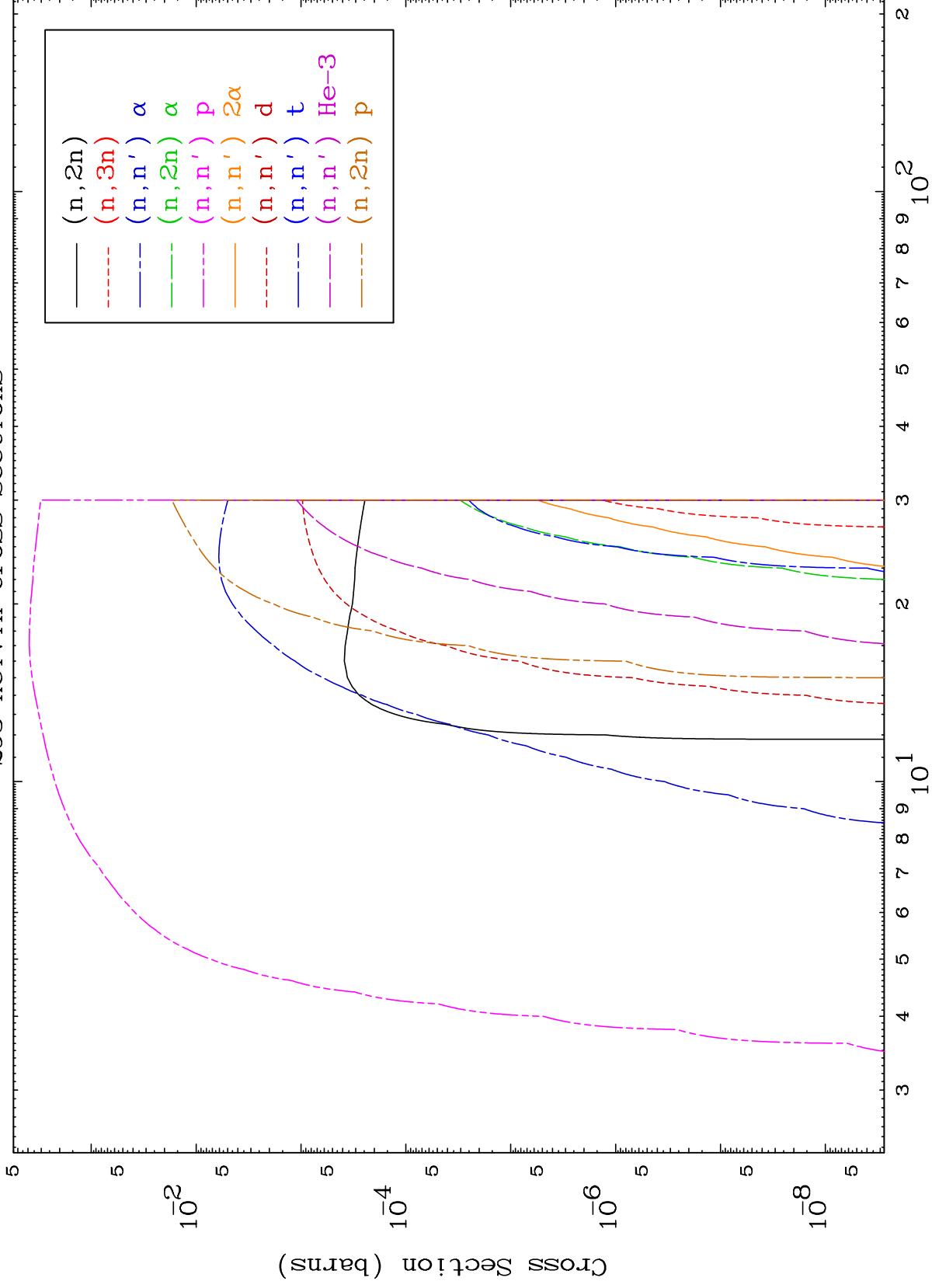
Press Mouse Button to Start

MAT 4098

Neutron Major
293 Kelvin Cross Sections

41-Nb-84

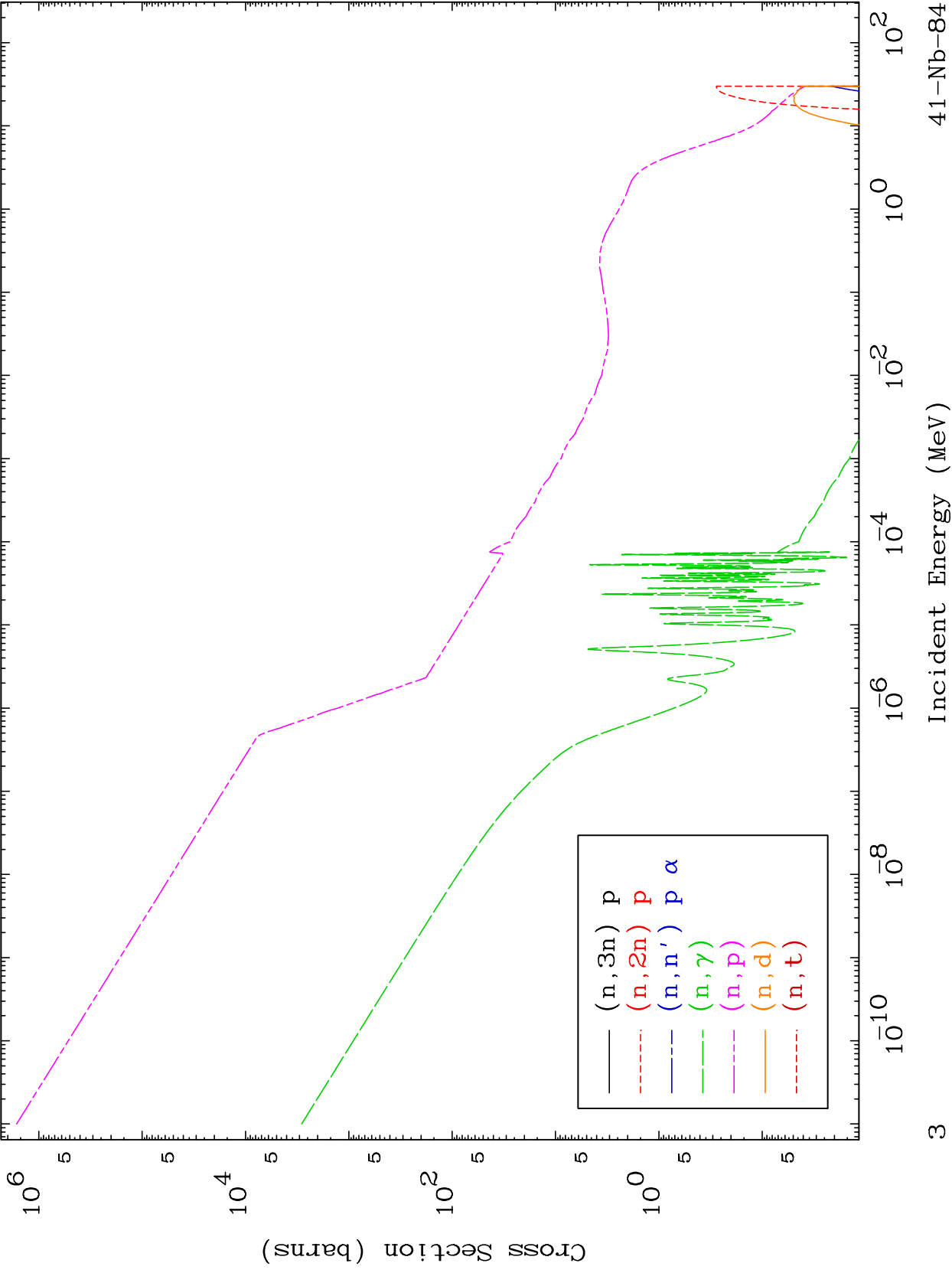


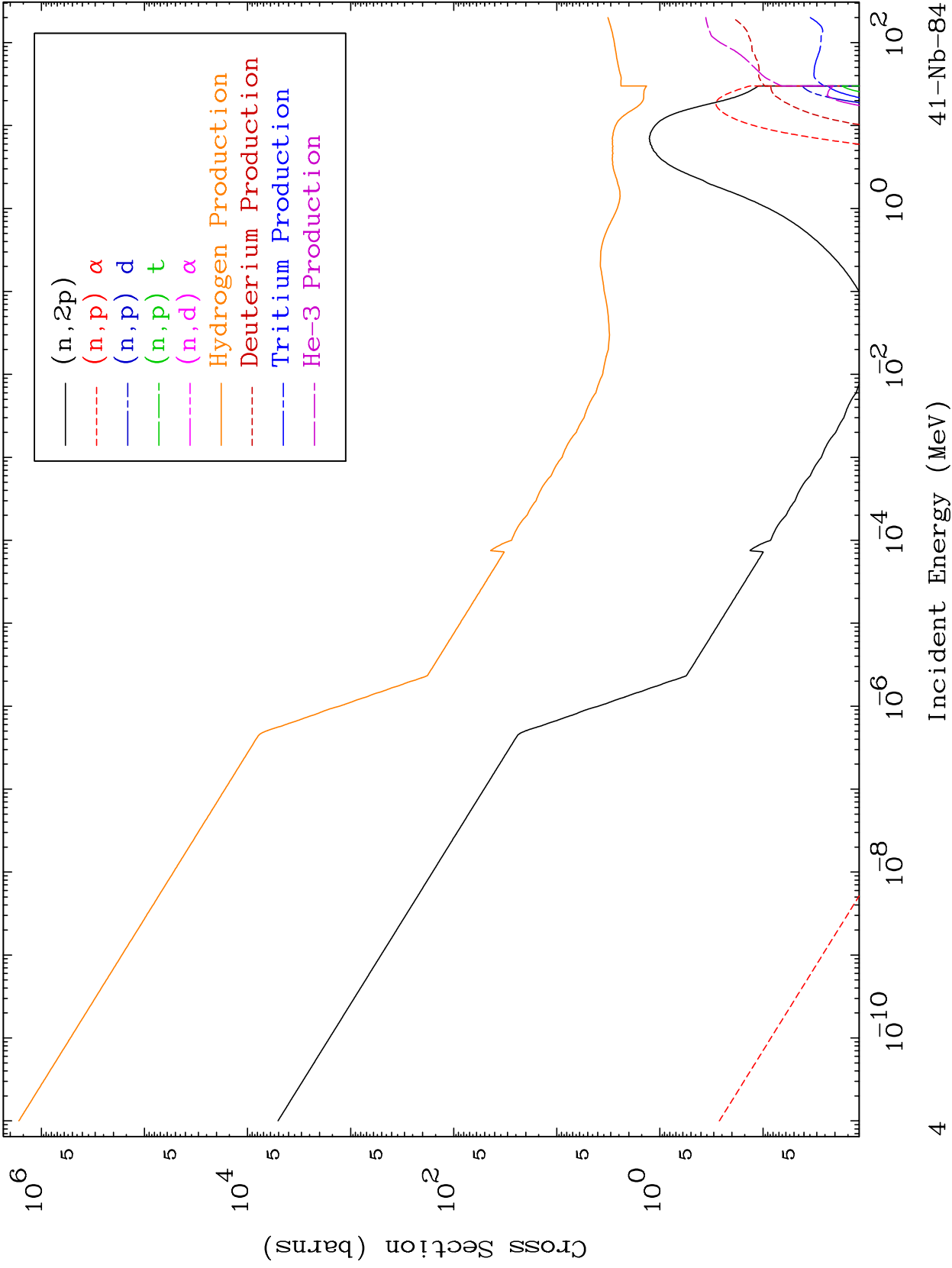


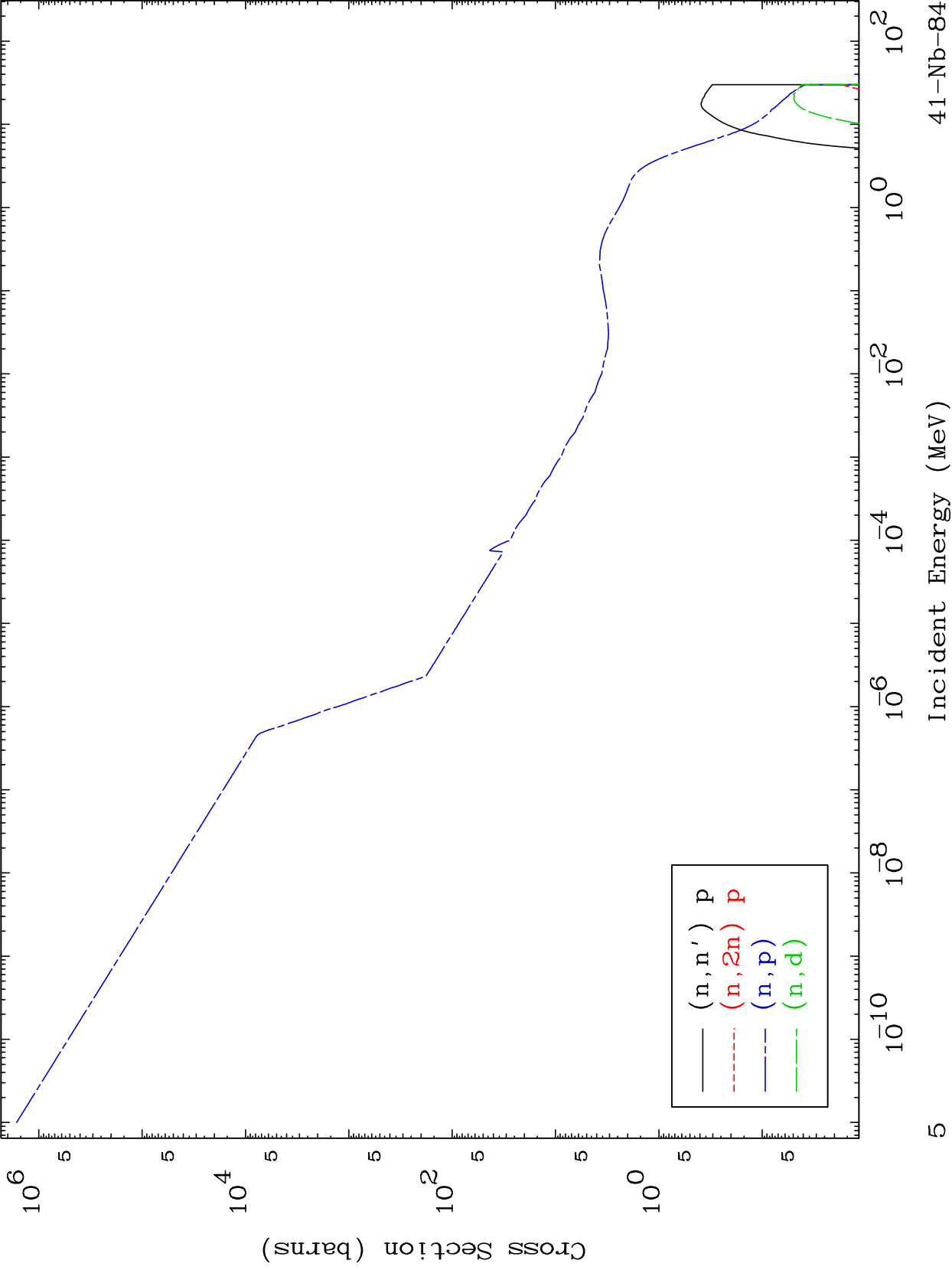
MAT 4098

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-84



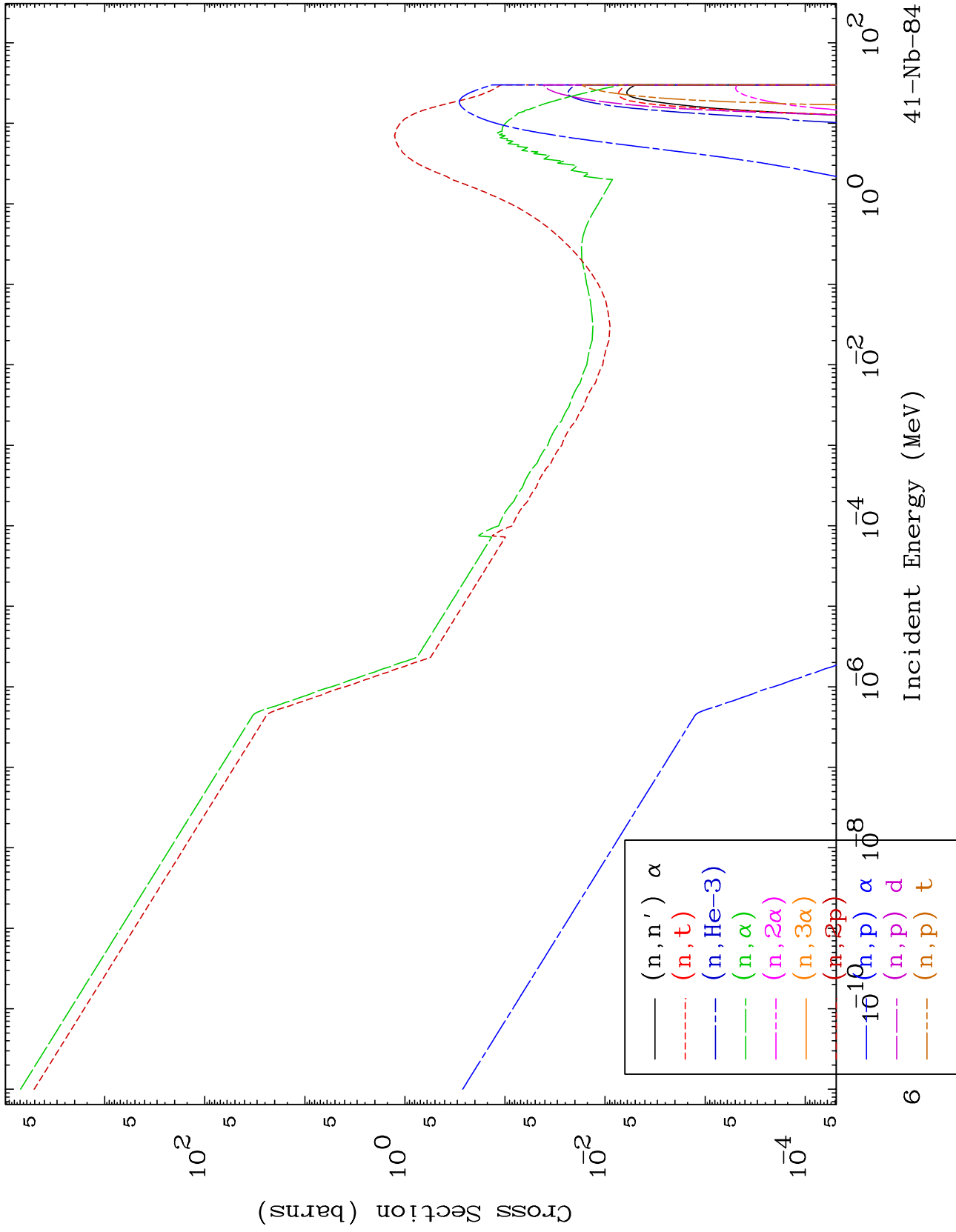




MAT 4098

Charged Particle
293 Kelvin Cross Sections

41-Nb-84

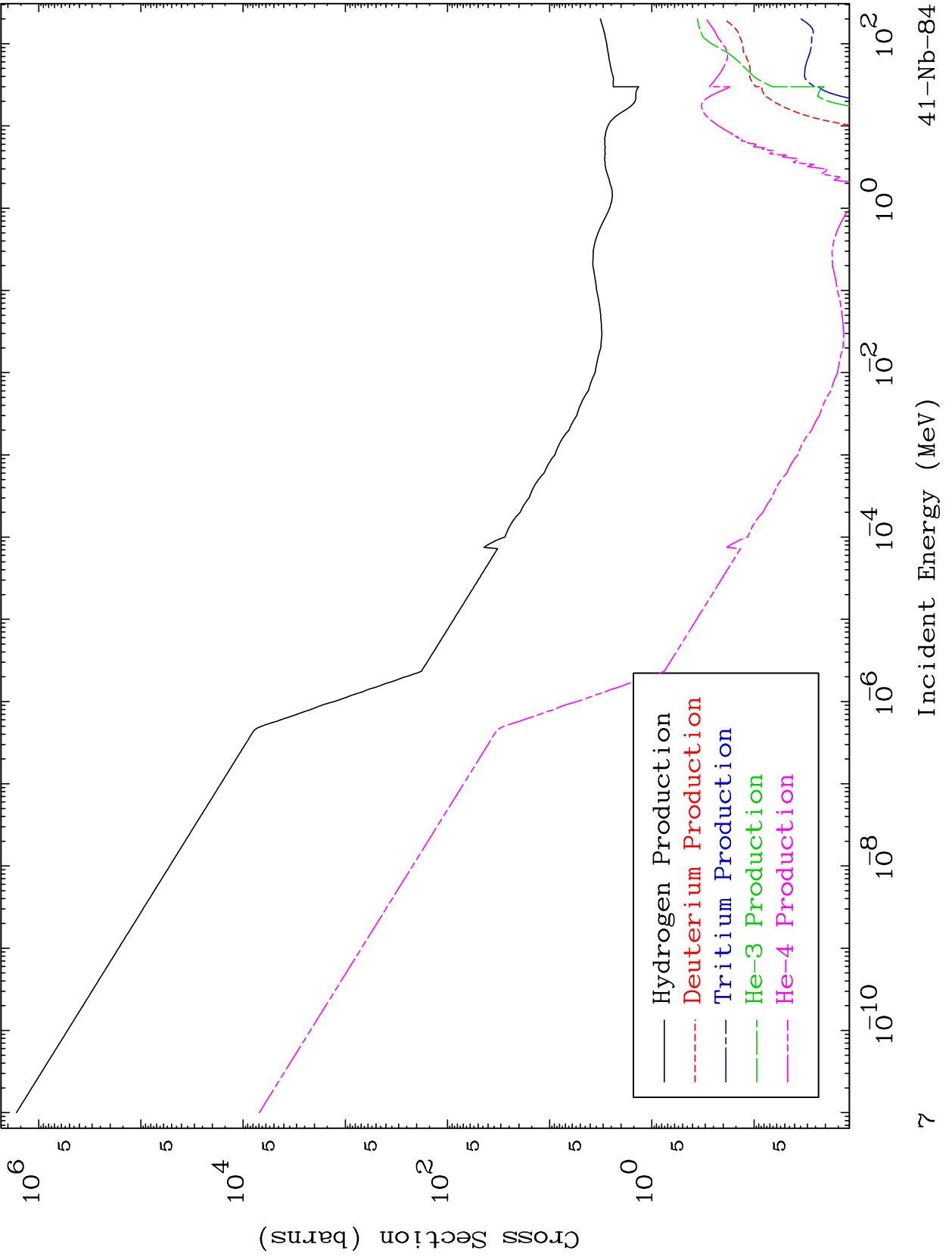


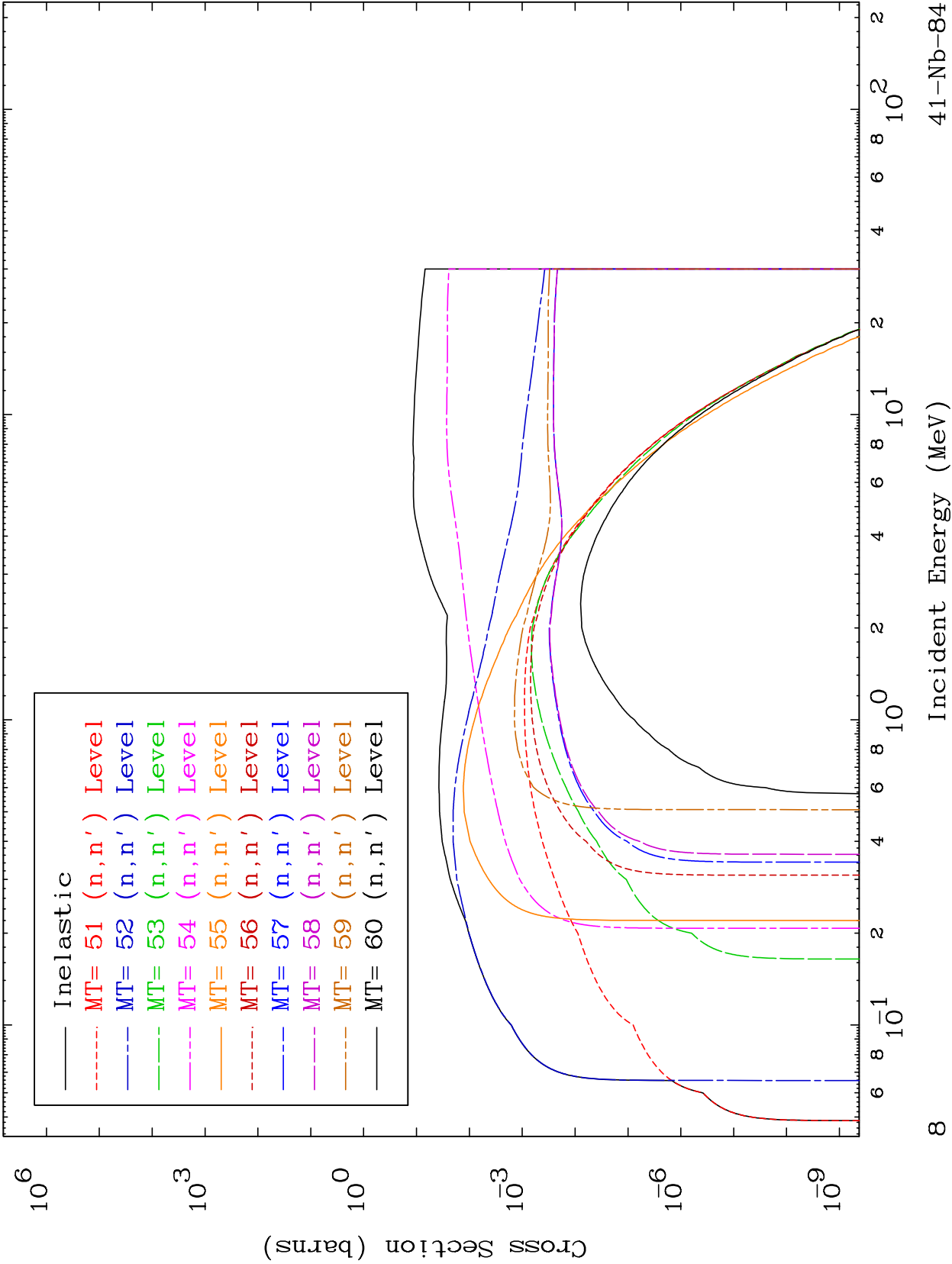
41-Nb-84

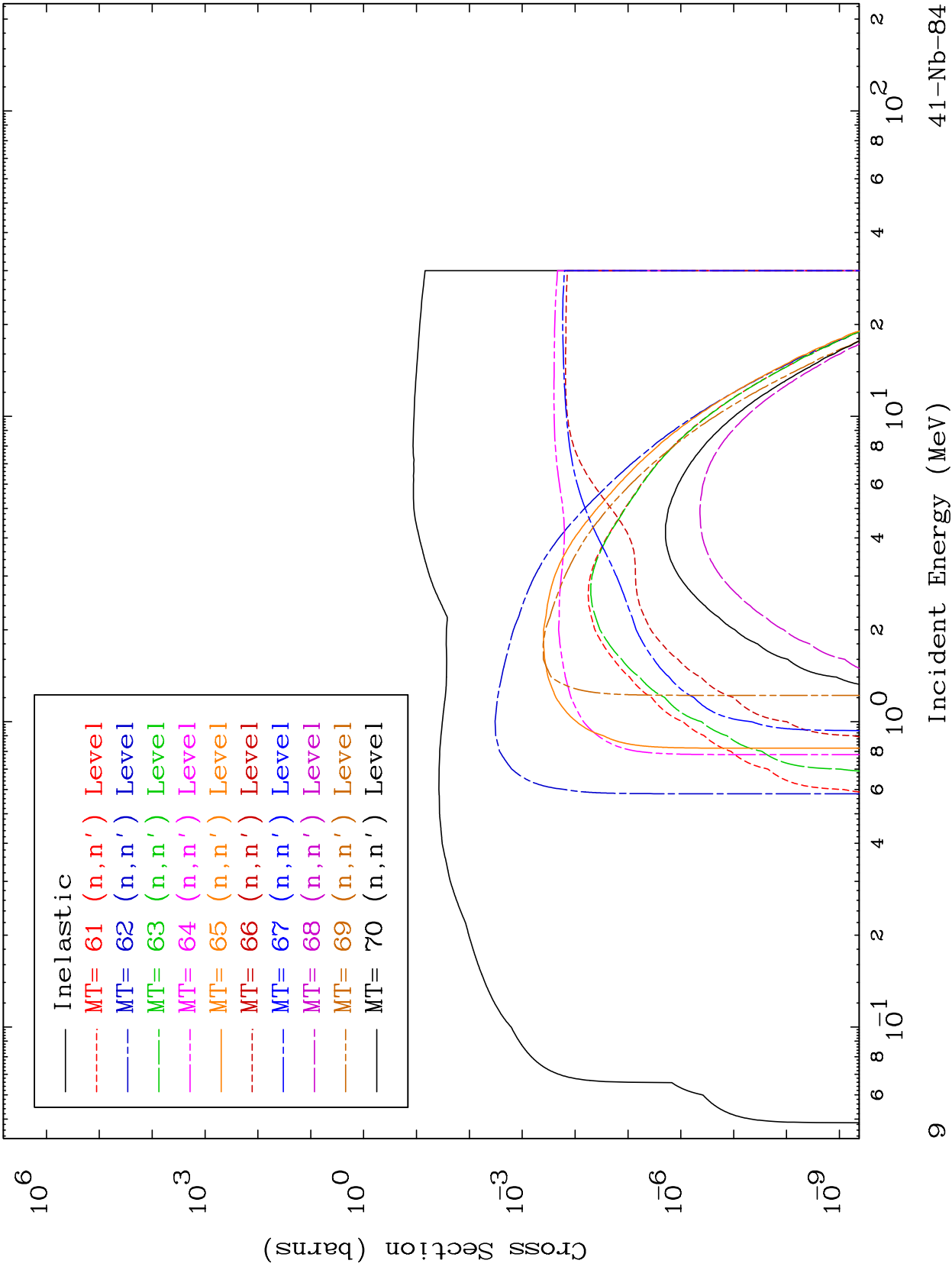
MAT 4098

Particle Production
293 Kelvin Cross Sections

41-Nb-84



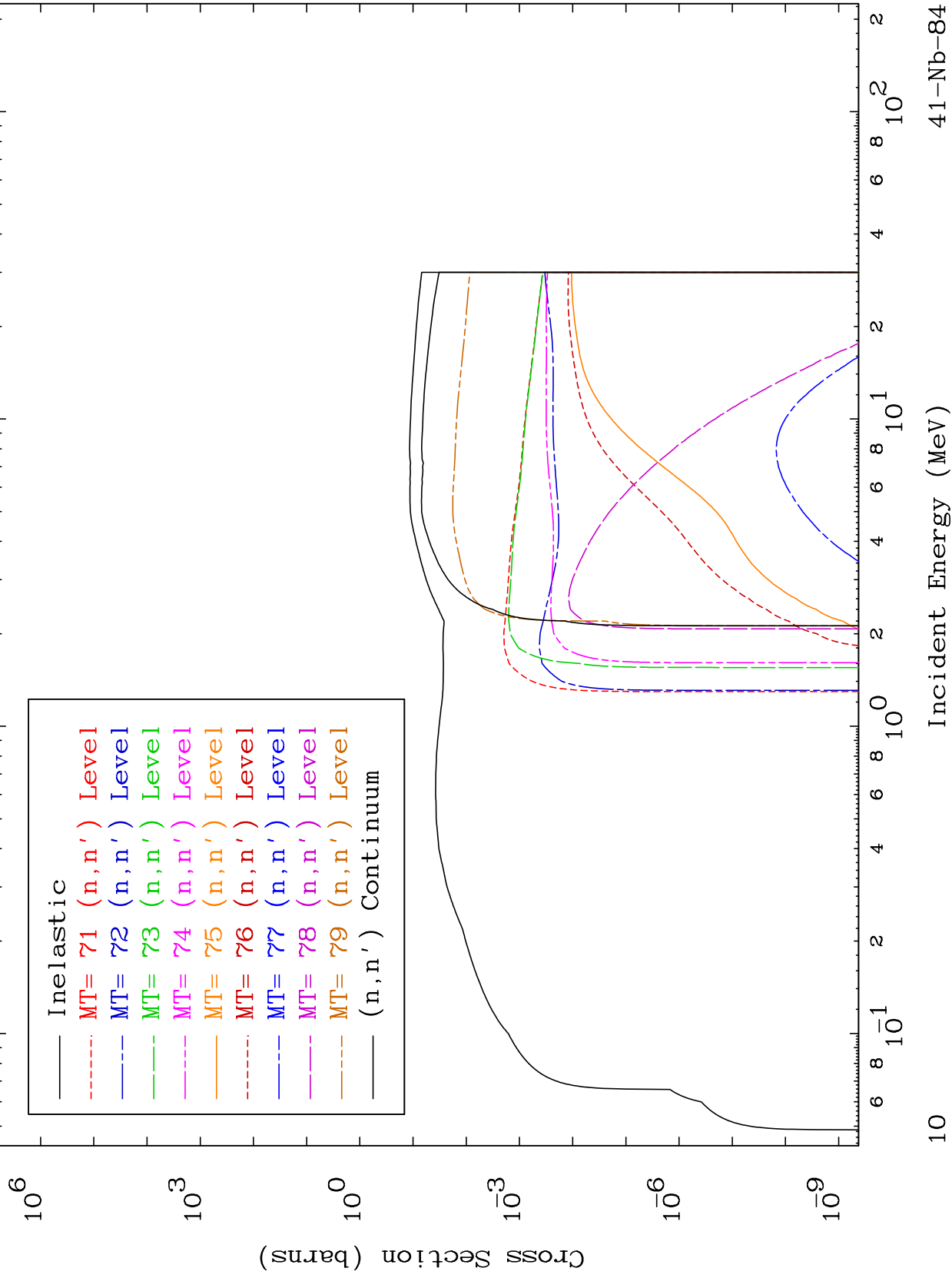




MAT 4098

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-84



10

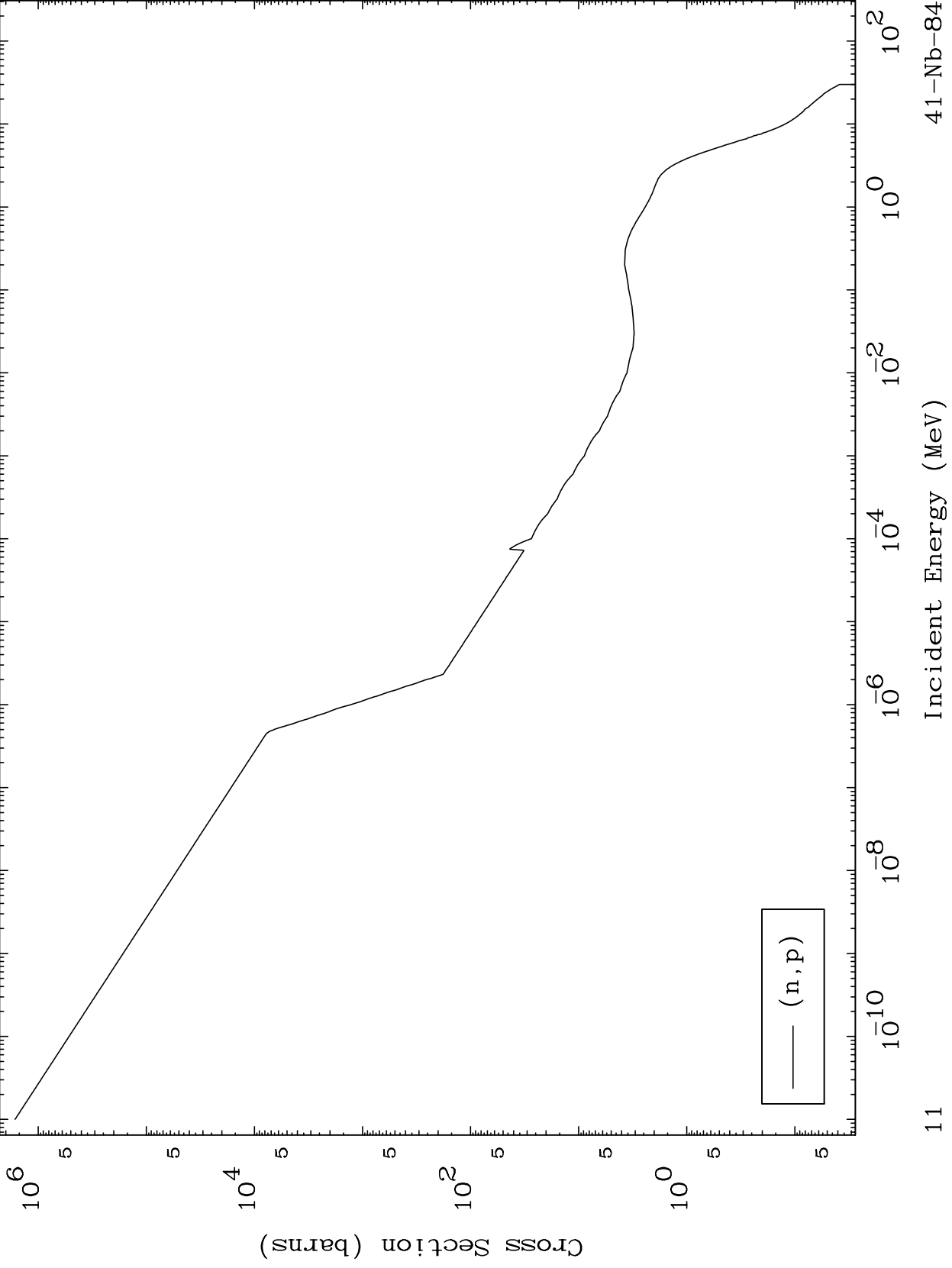
Incident Energy (MeV)

41-Nb-84

MAT 4098

(n,p) Levels
293 Kelvin Cross Sections

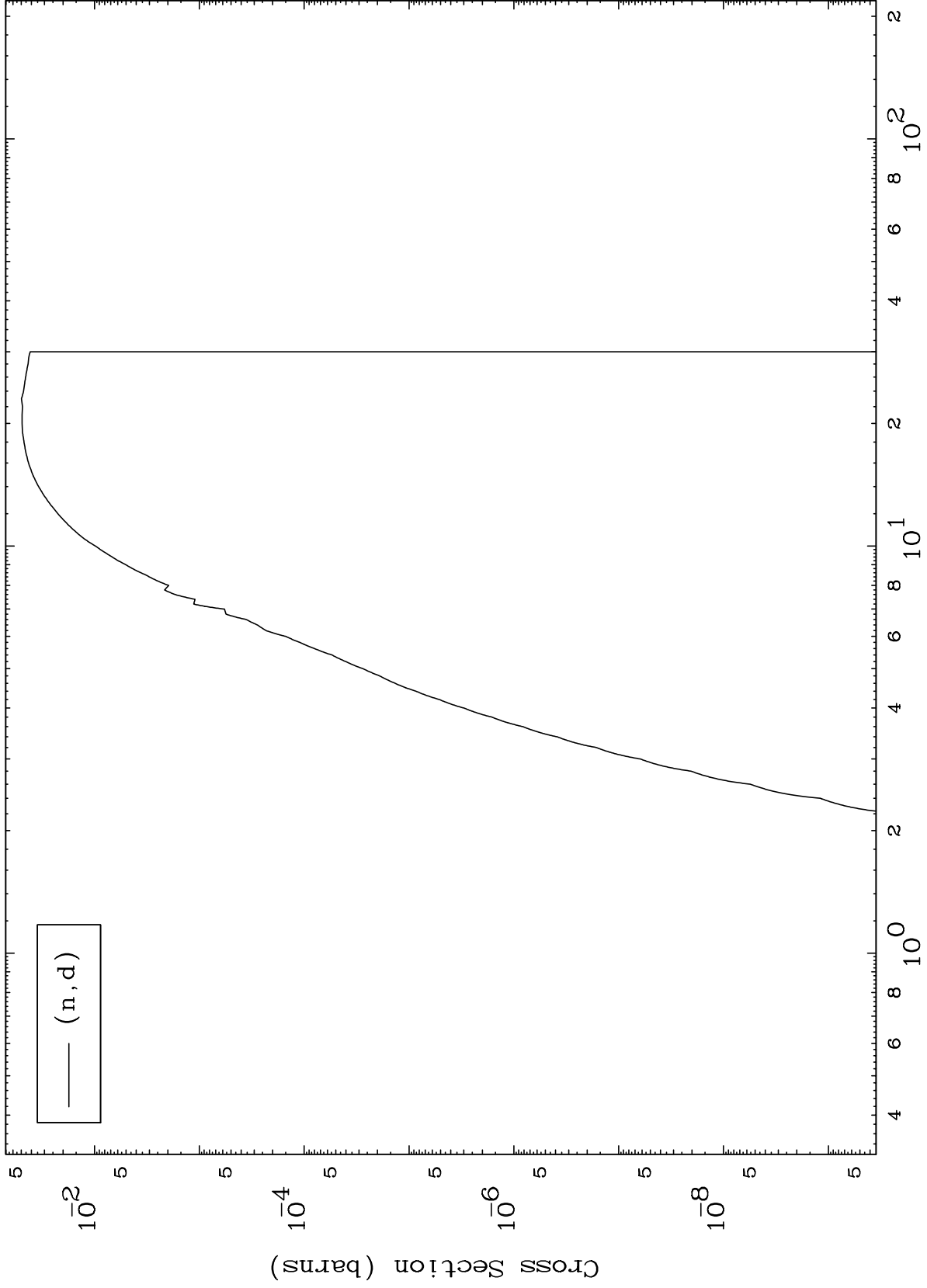
41-Nb-84



MAT 4098

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-84



12

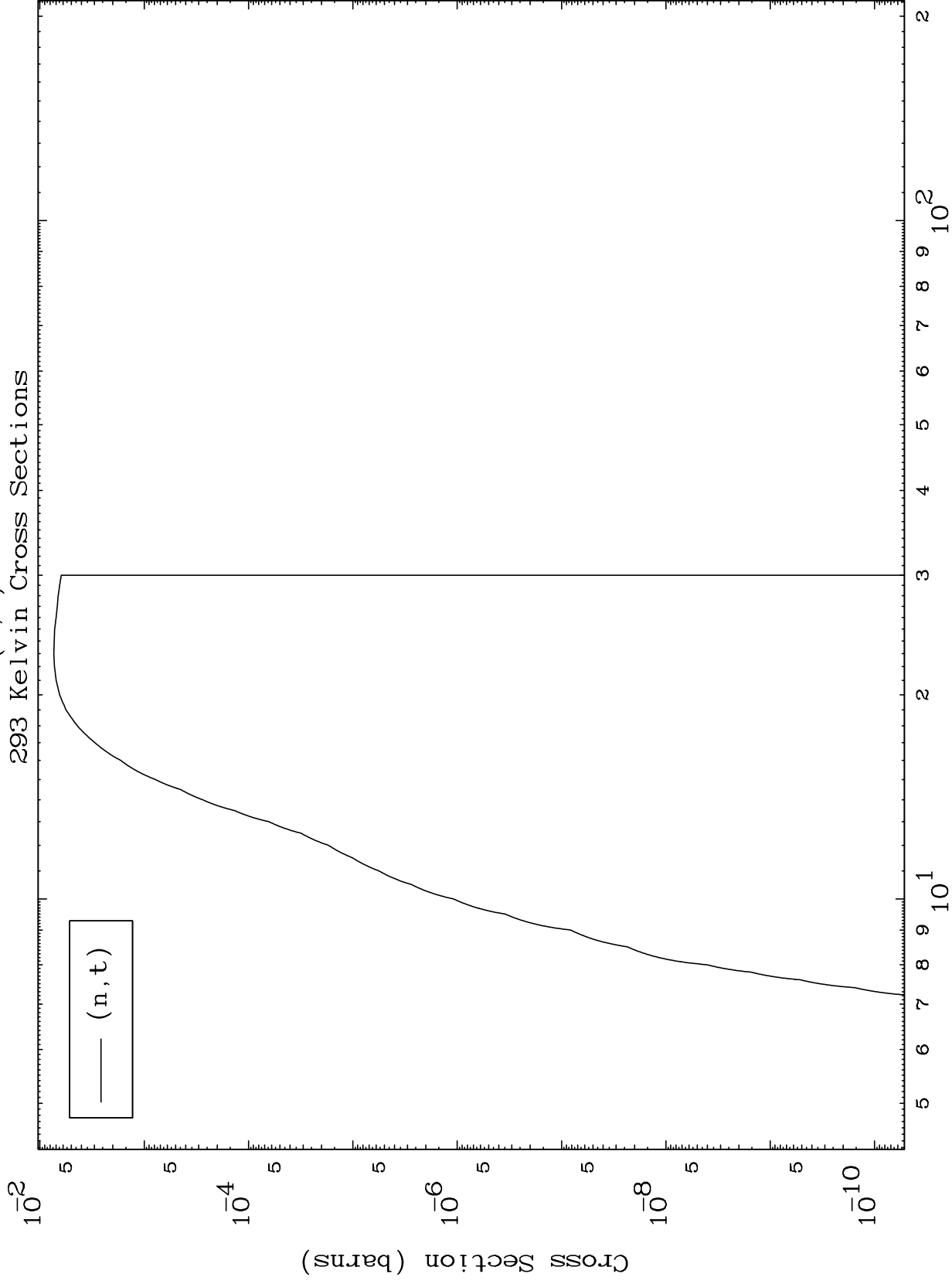
Incident Energy (MeV)

41-Nb-84

MAT 4098

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-84



13

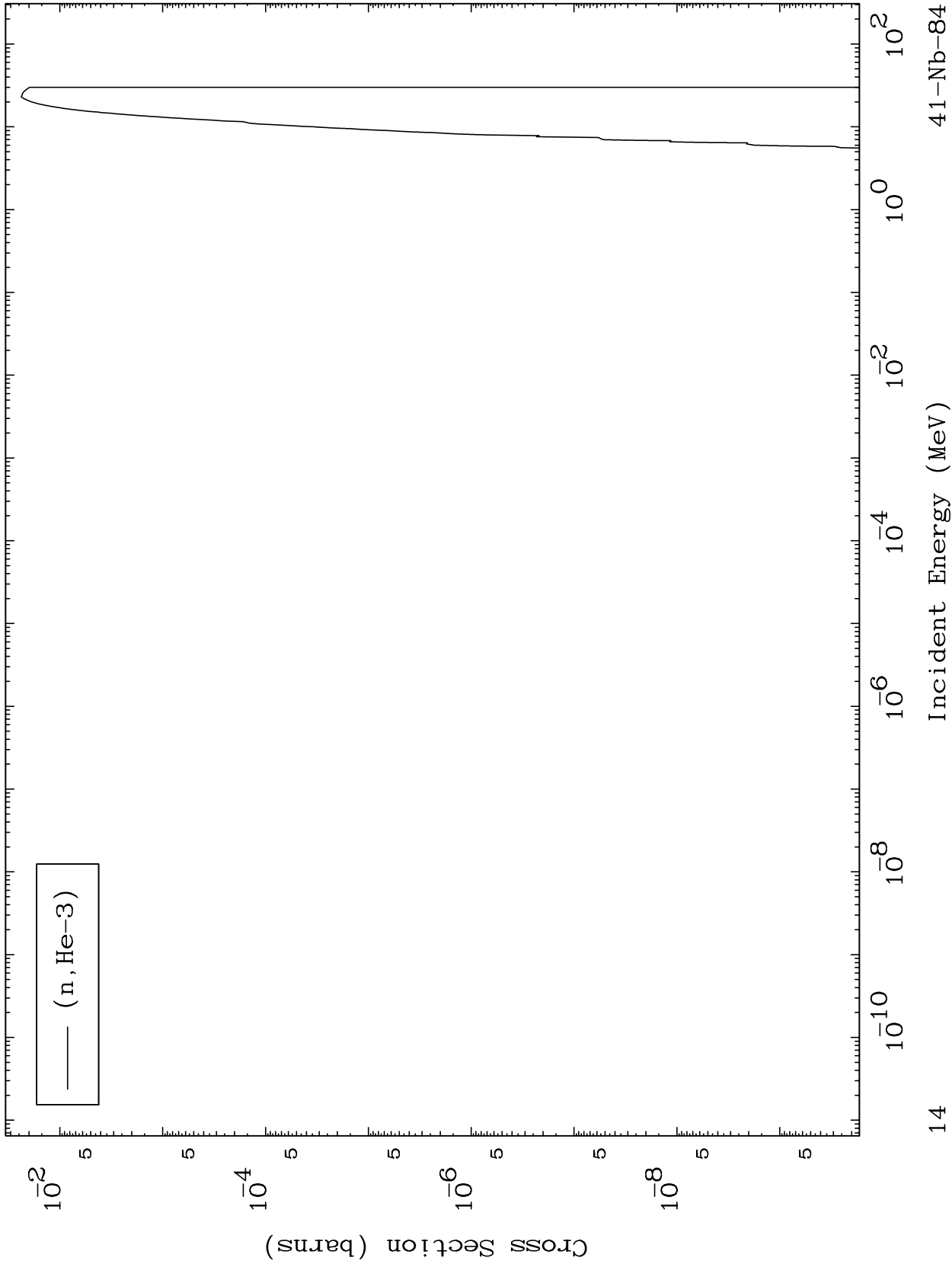
Incident Energy (MeV)

41-Nb-84

MAT 4098

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-84



14

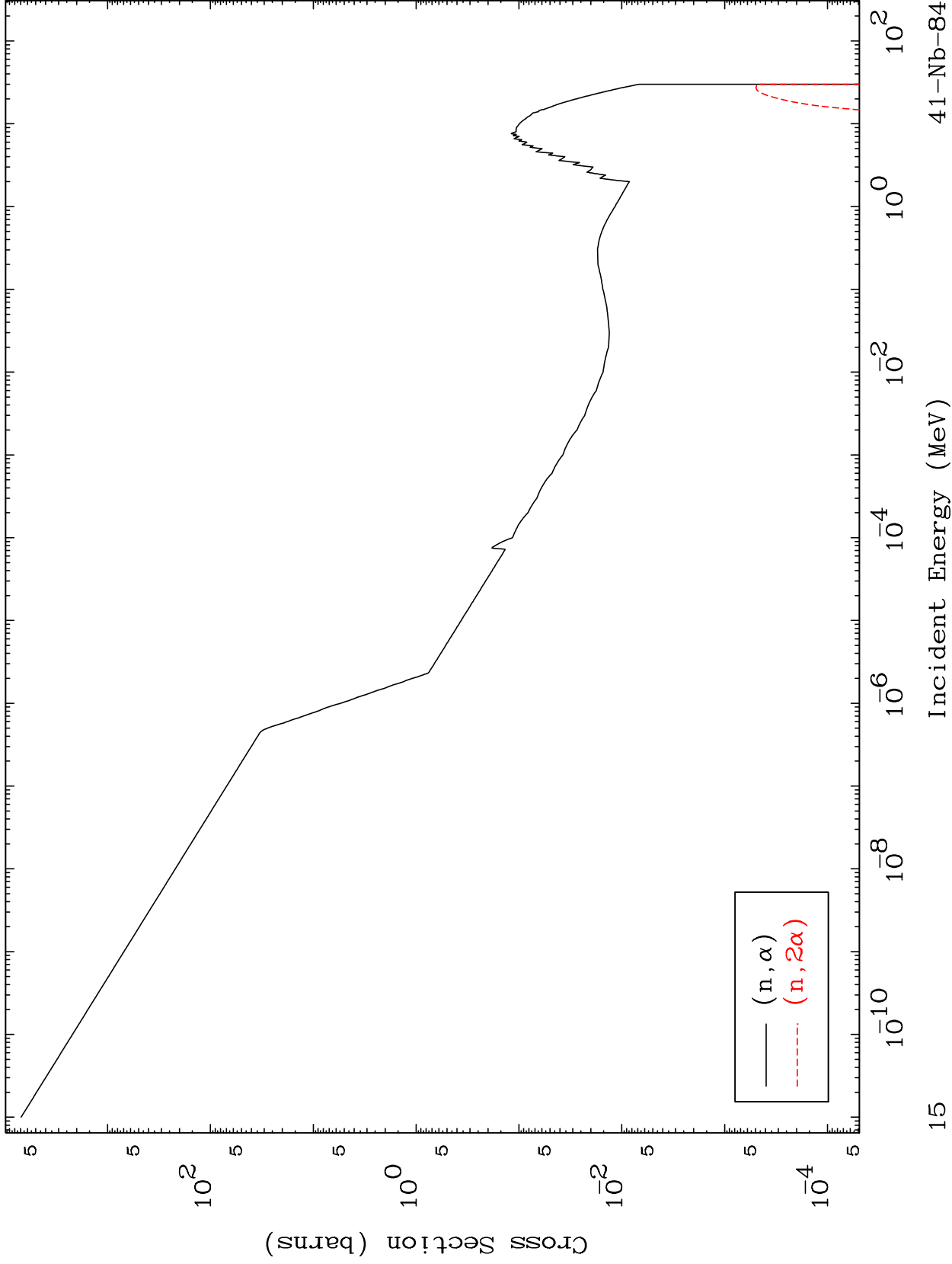
Incident Energy (MeV)

41-Nb-84

MAT 4098

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-84



15

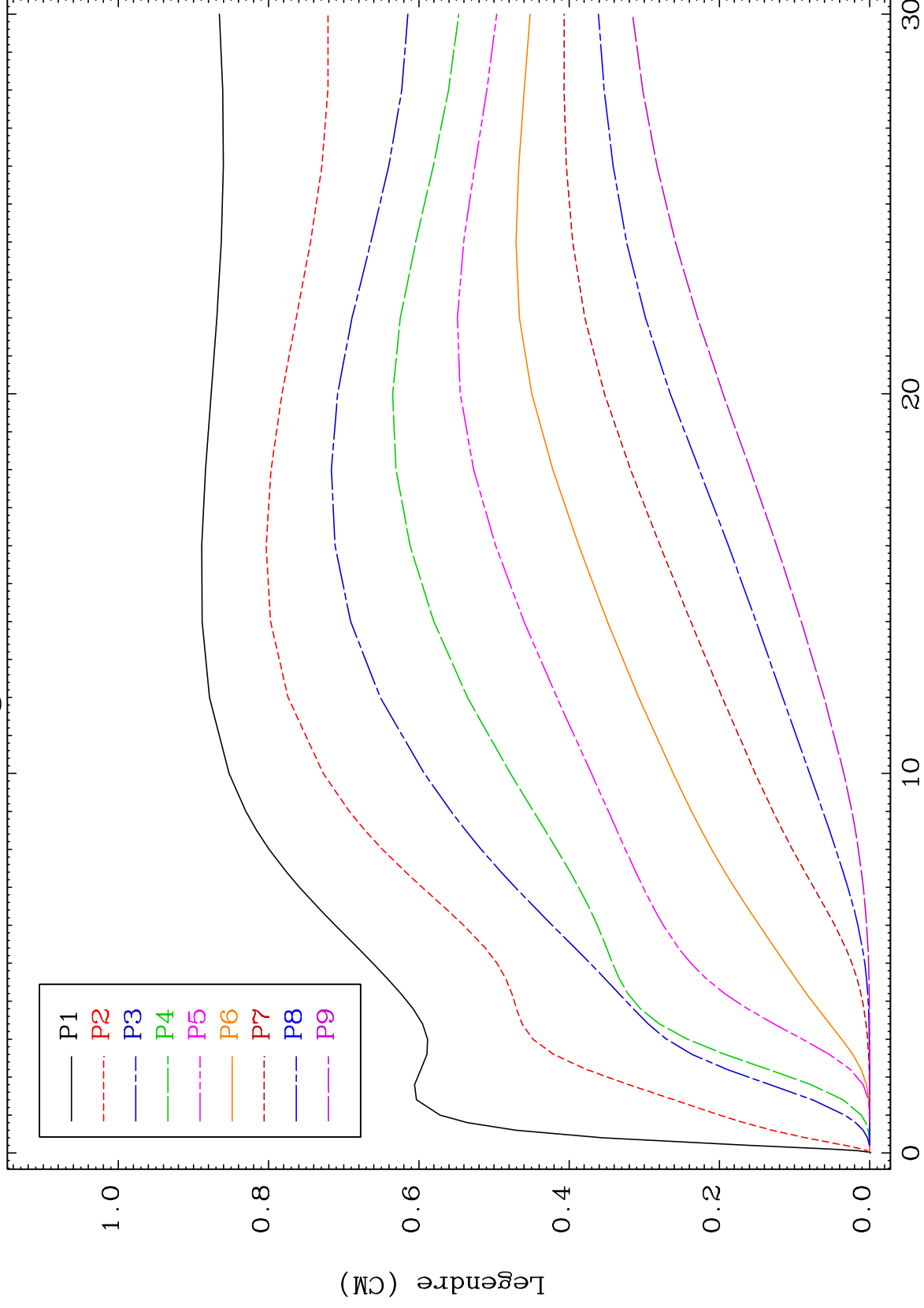
Incident Energy (MeV)

41-Nb-84

MAT 4098

Elastic Legendre Coefficients

41-Nb-84



16

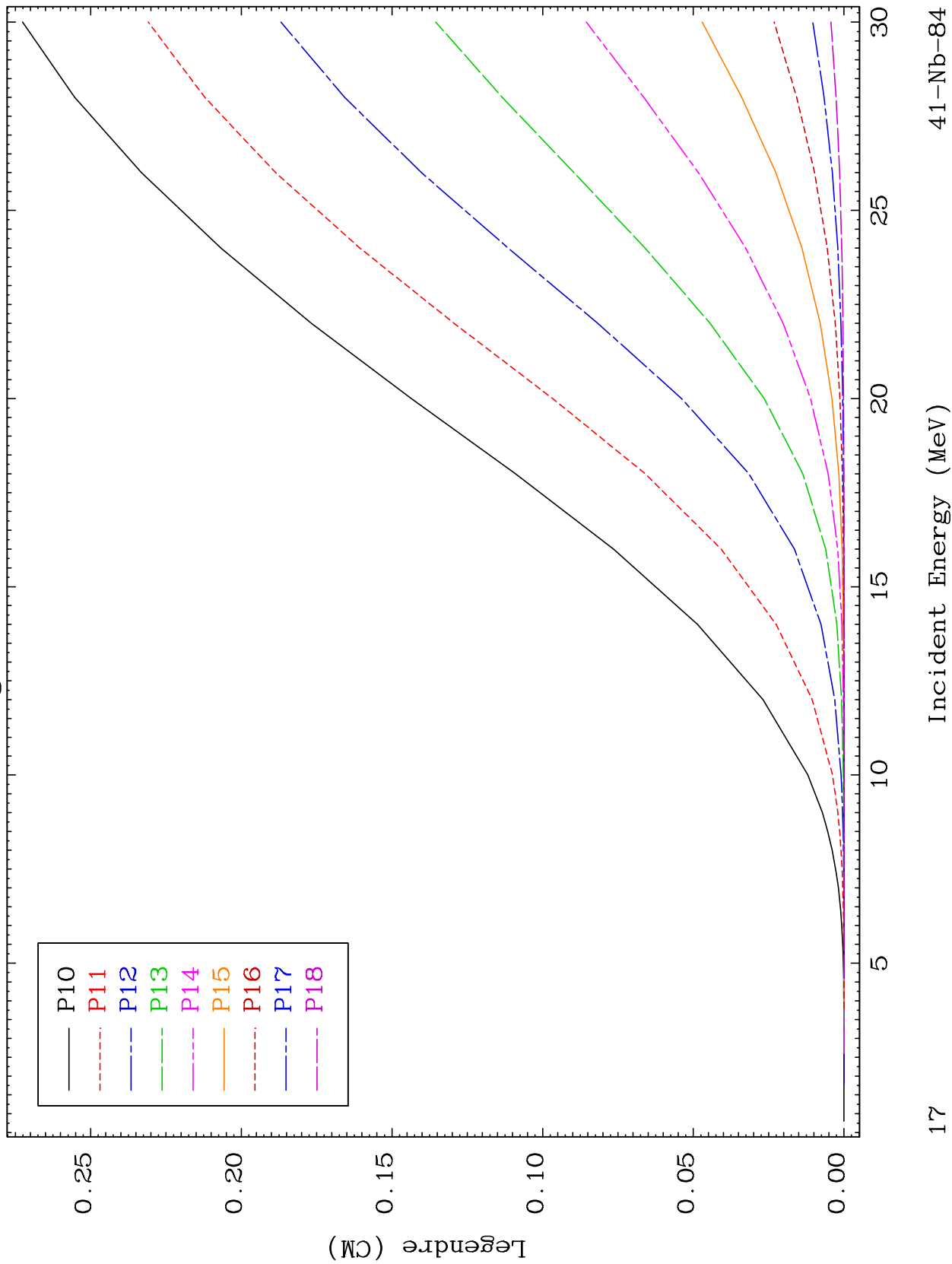
Incident Energy (MeV)

41-Nb-84

MAT 4098

Elastic
Legendre Coefficients

41-Nb-84



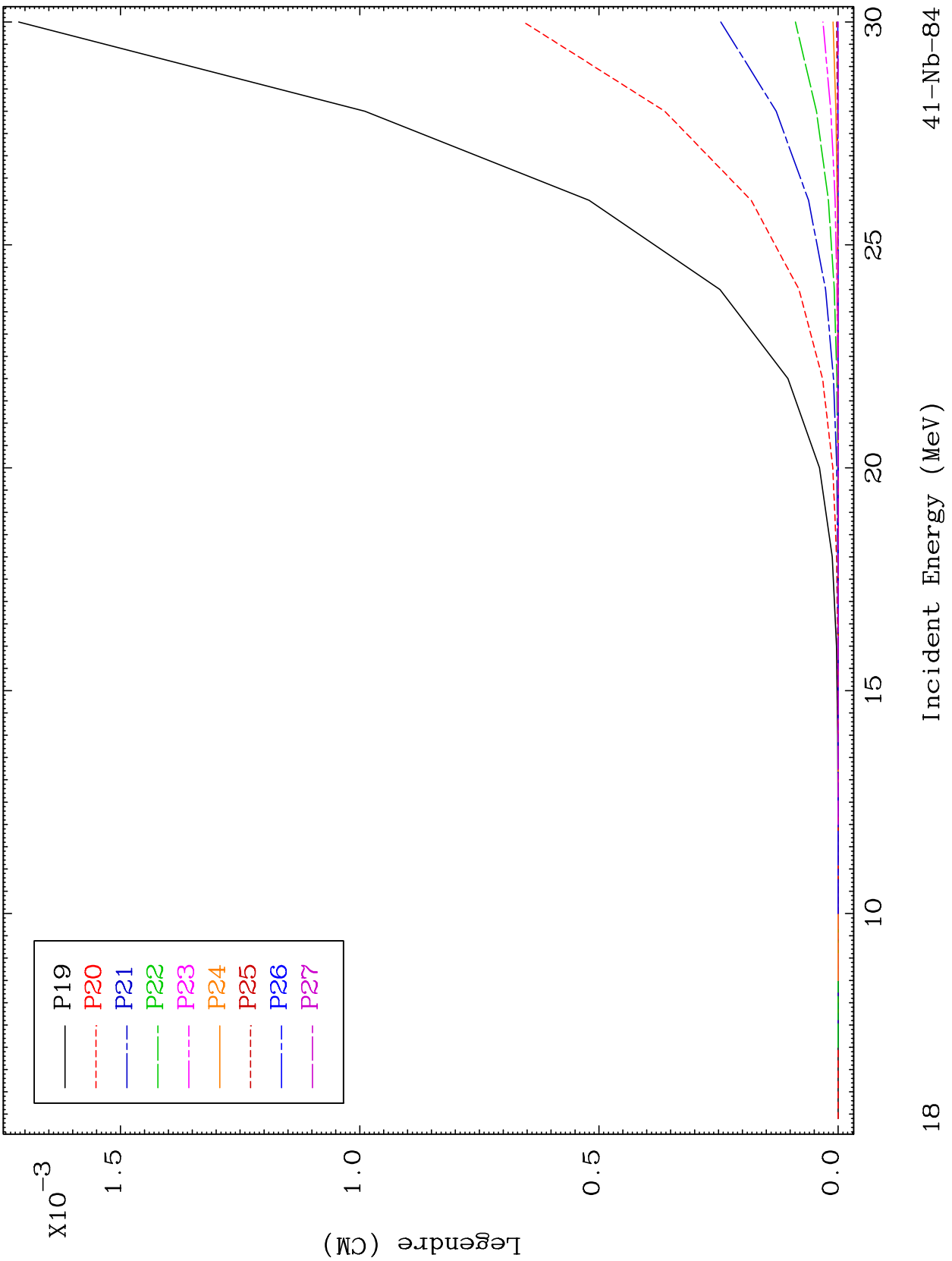
17

41-Nb-84

MAT 4098

Elastic Legendre Coefficients

41-Nb-84



18

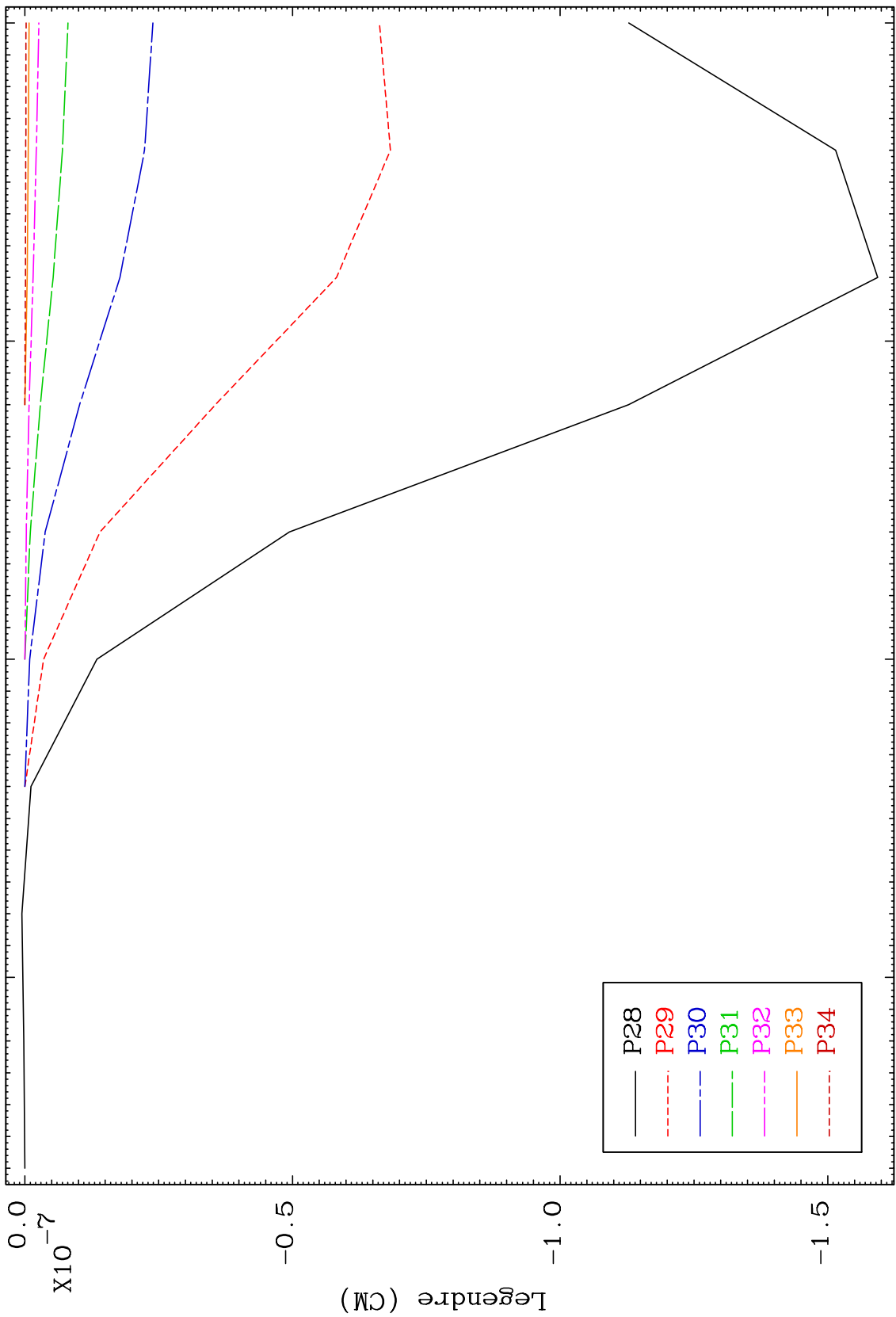
Incident Energy (MeV)

41-Nb-84

MAT 4098

41-Nb-84

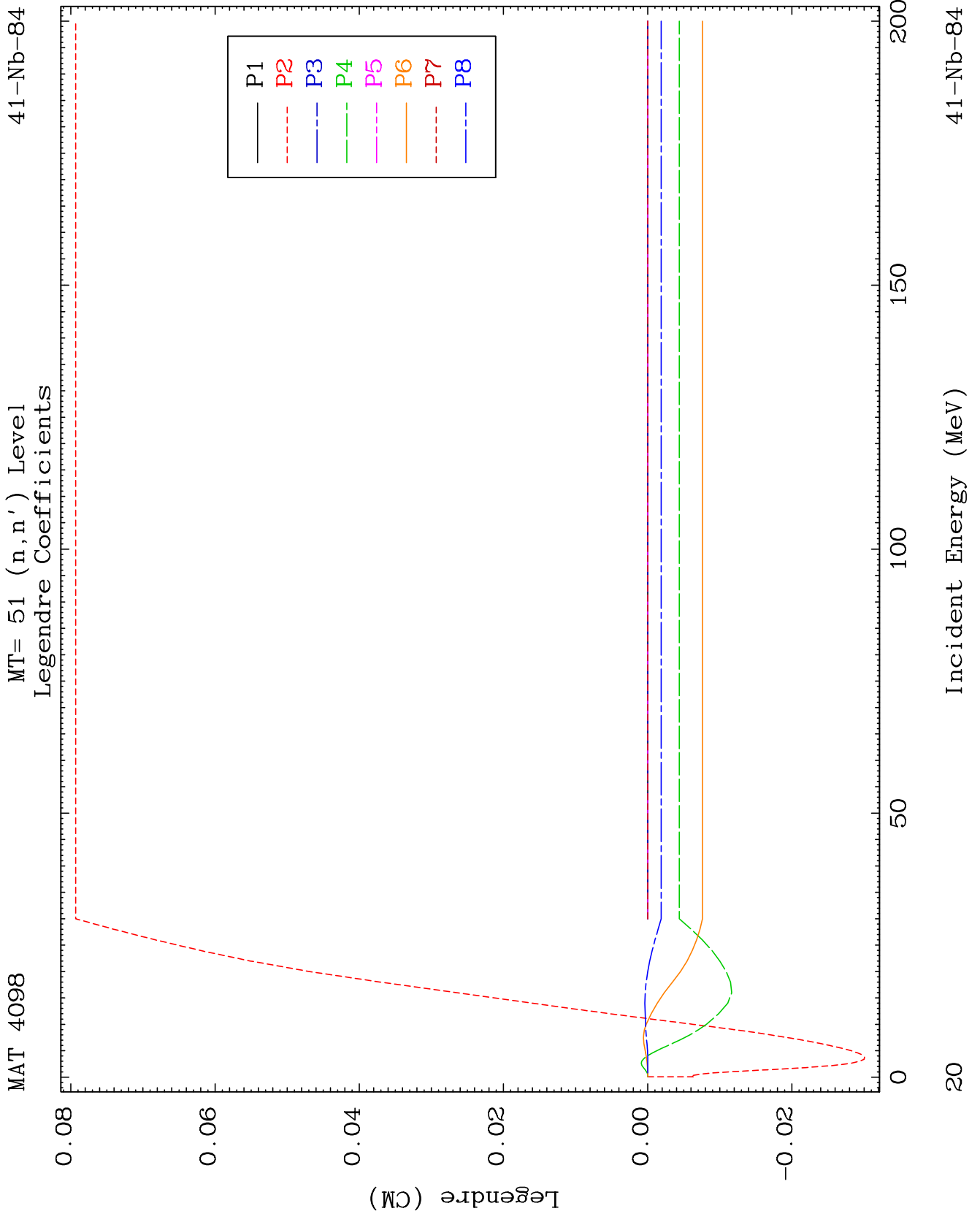
Elastic Legendre Coefficients



19

Incident Energy (MeV)

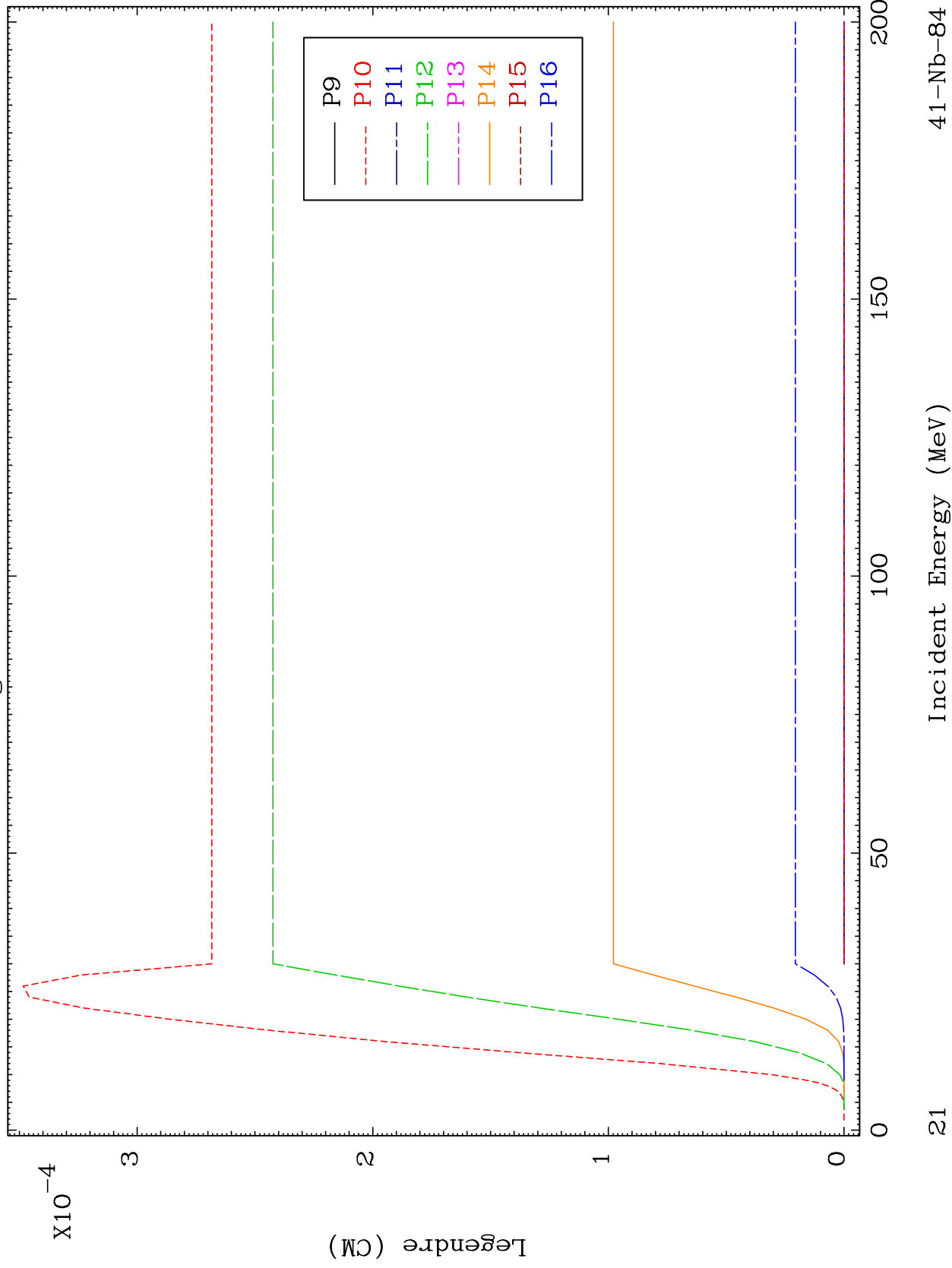
41-Nb-84



MAT 4098

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

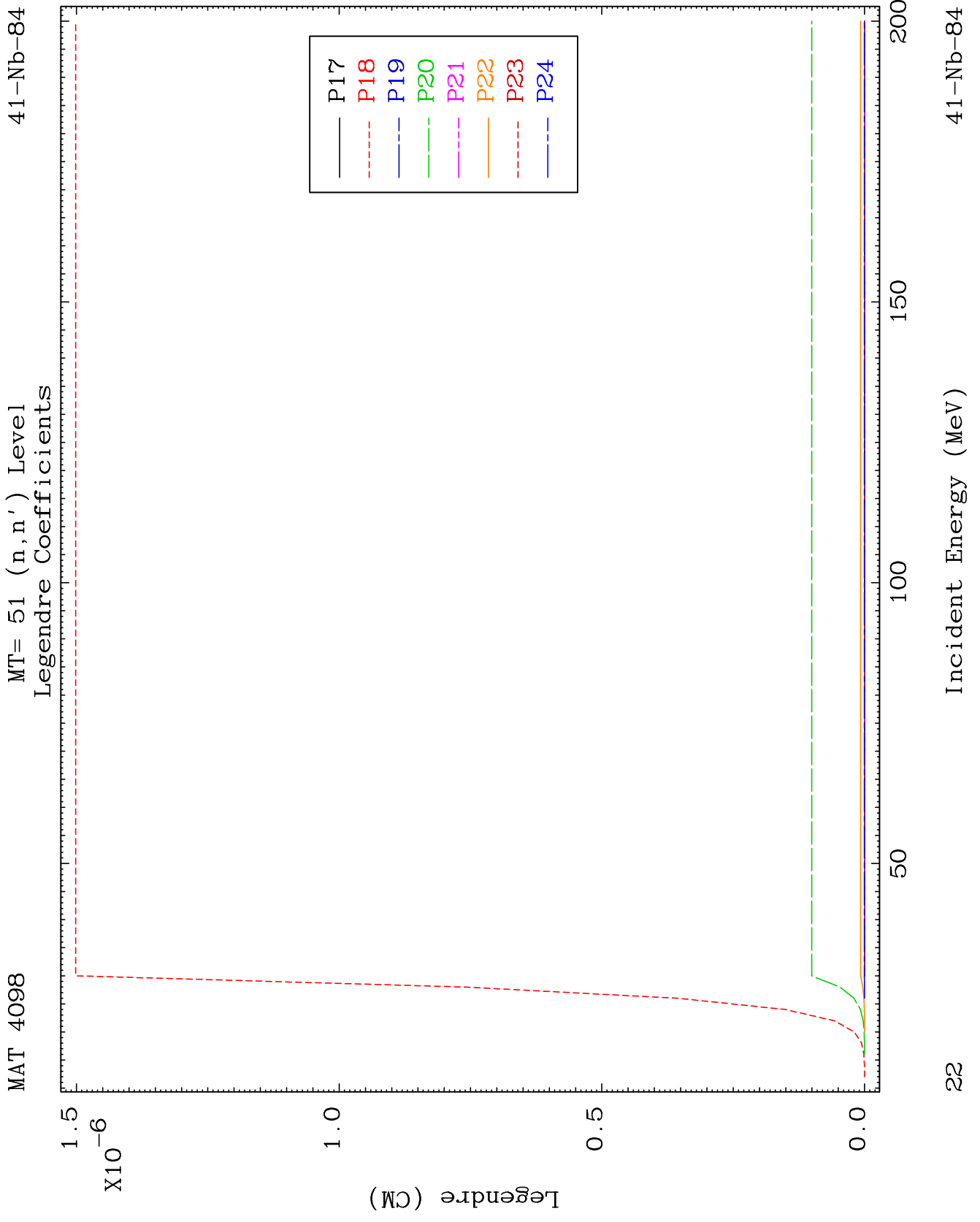
41-Nb-84



21

Incident Energy (MeV)

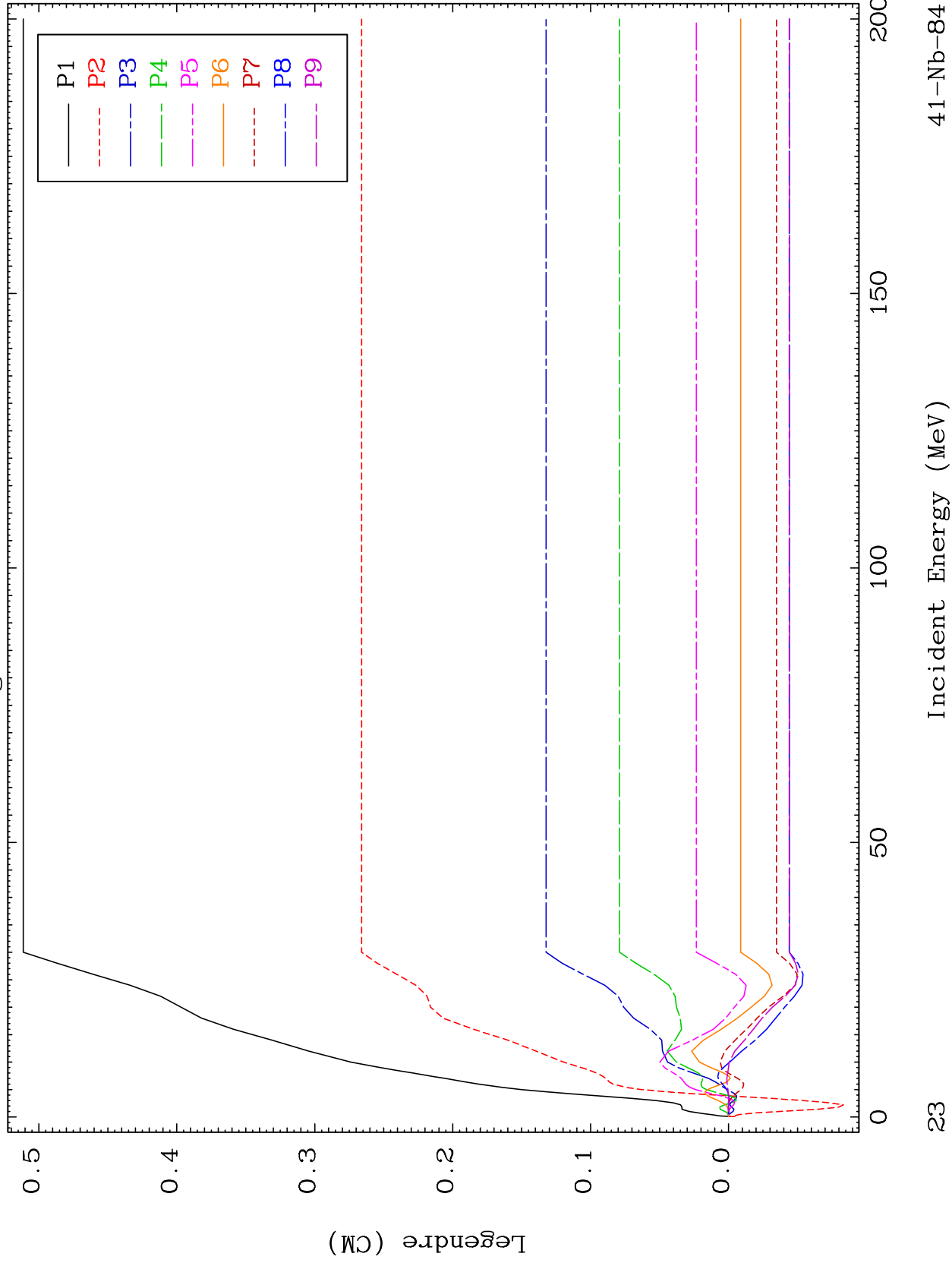
41-Nb-84



MAT 4098

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

41-Nb-84



41-Nb-84

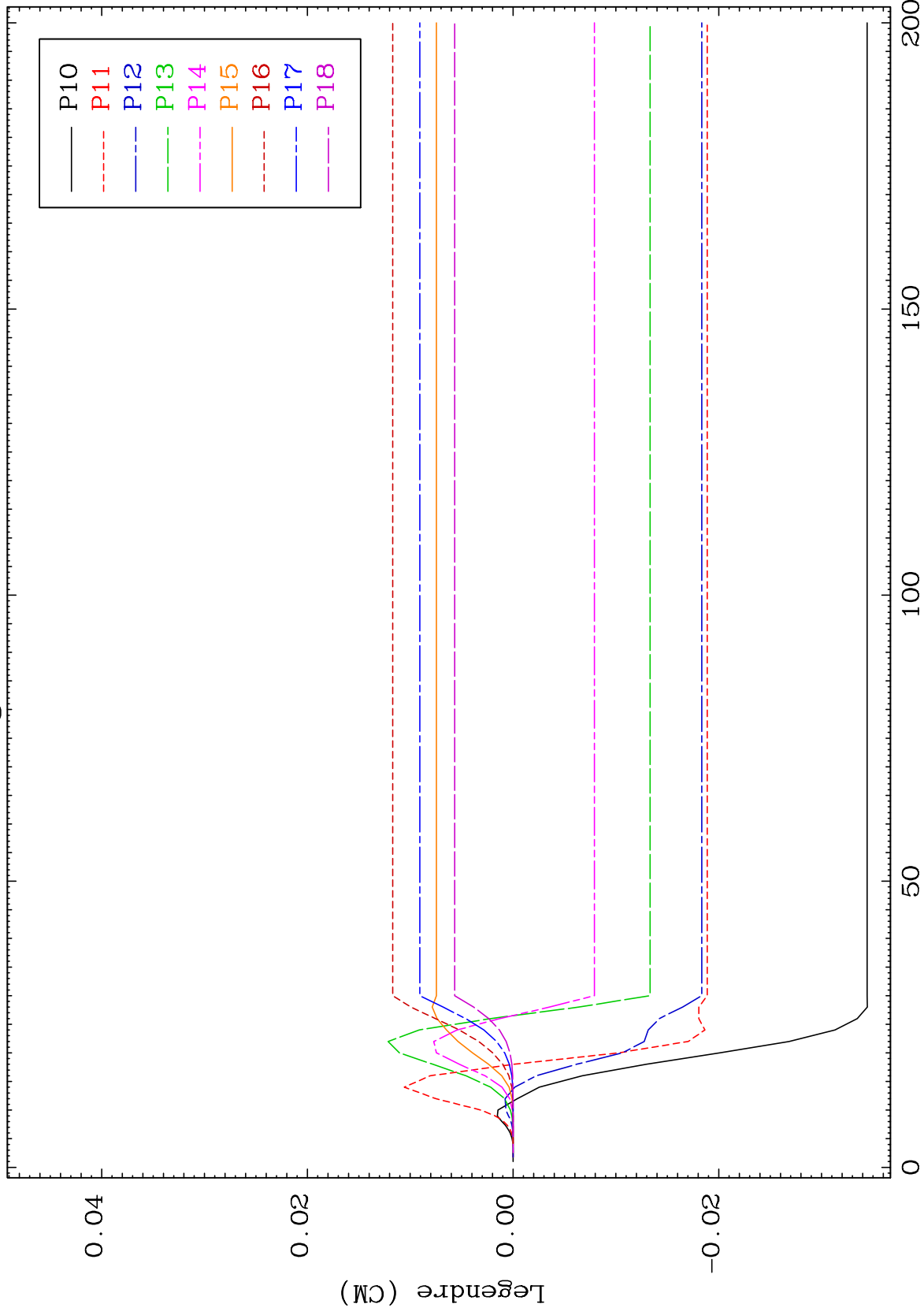
Incident Energy (MeV)

23

MAT 4098

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

41-Nb-84



24

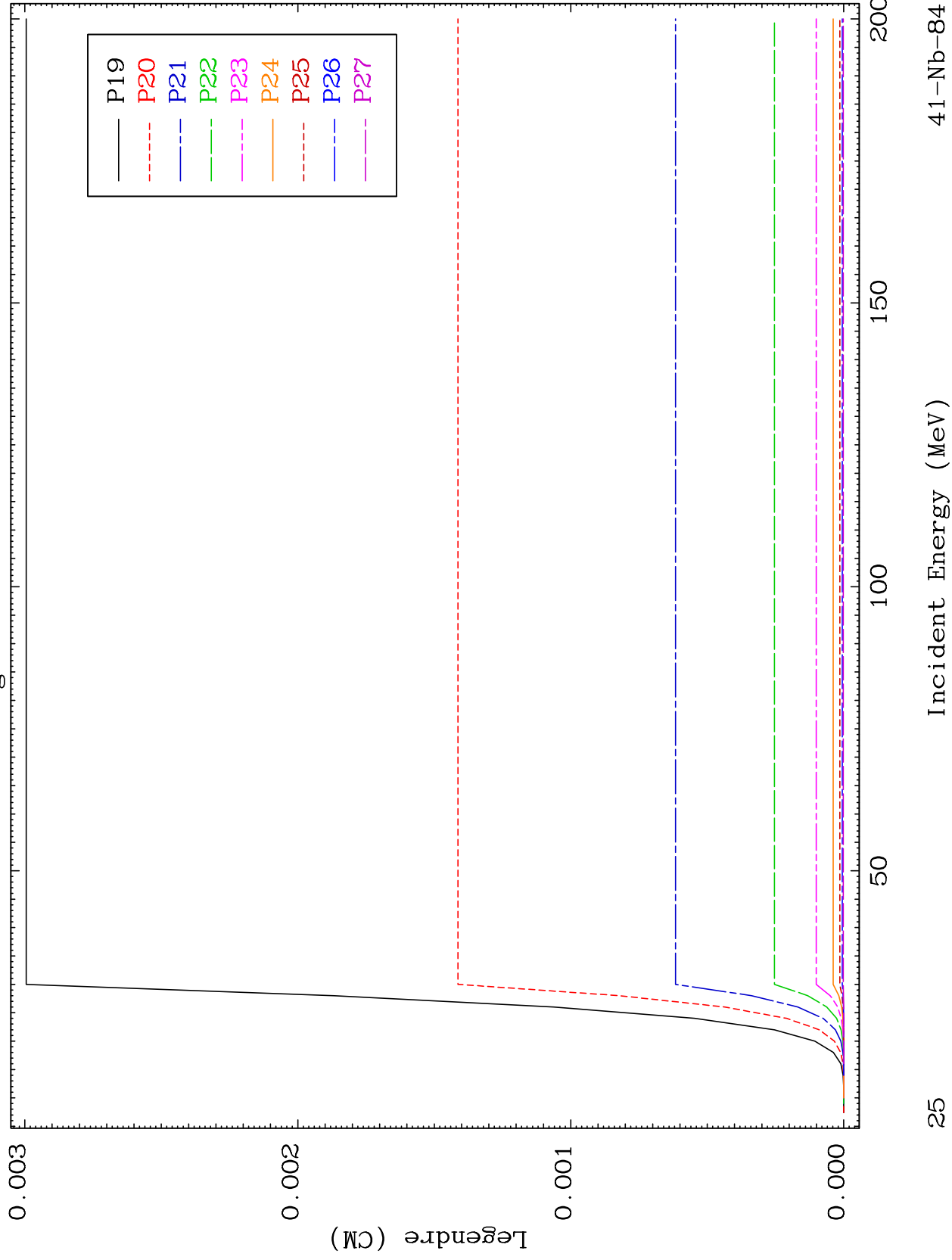
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



25

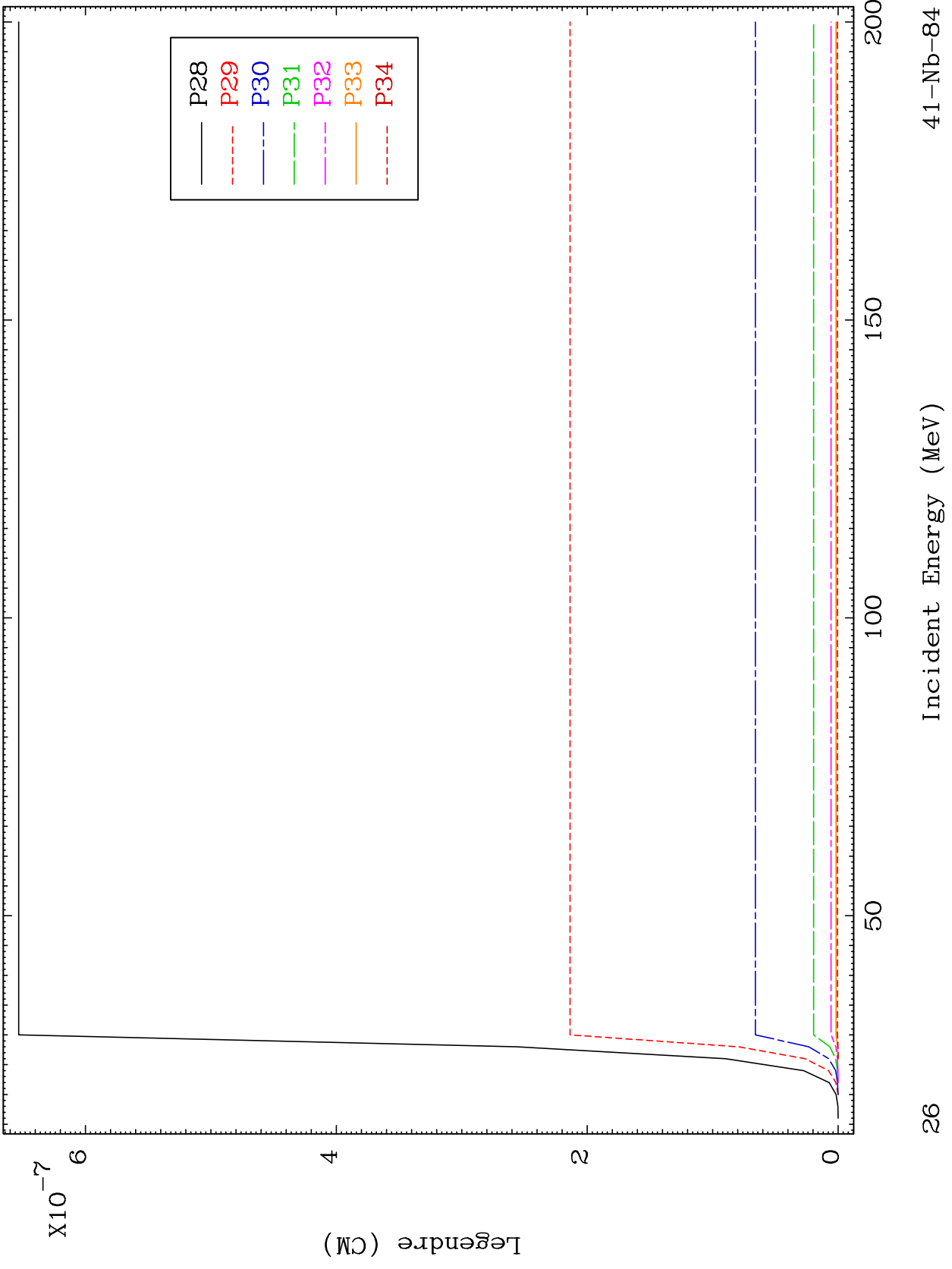
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



26

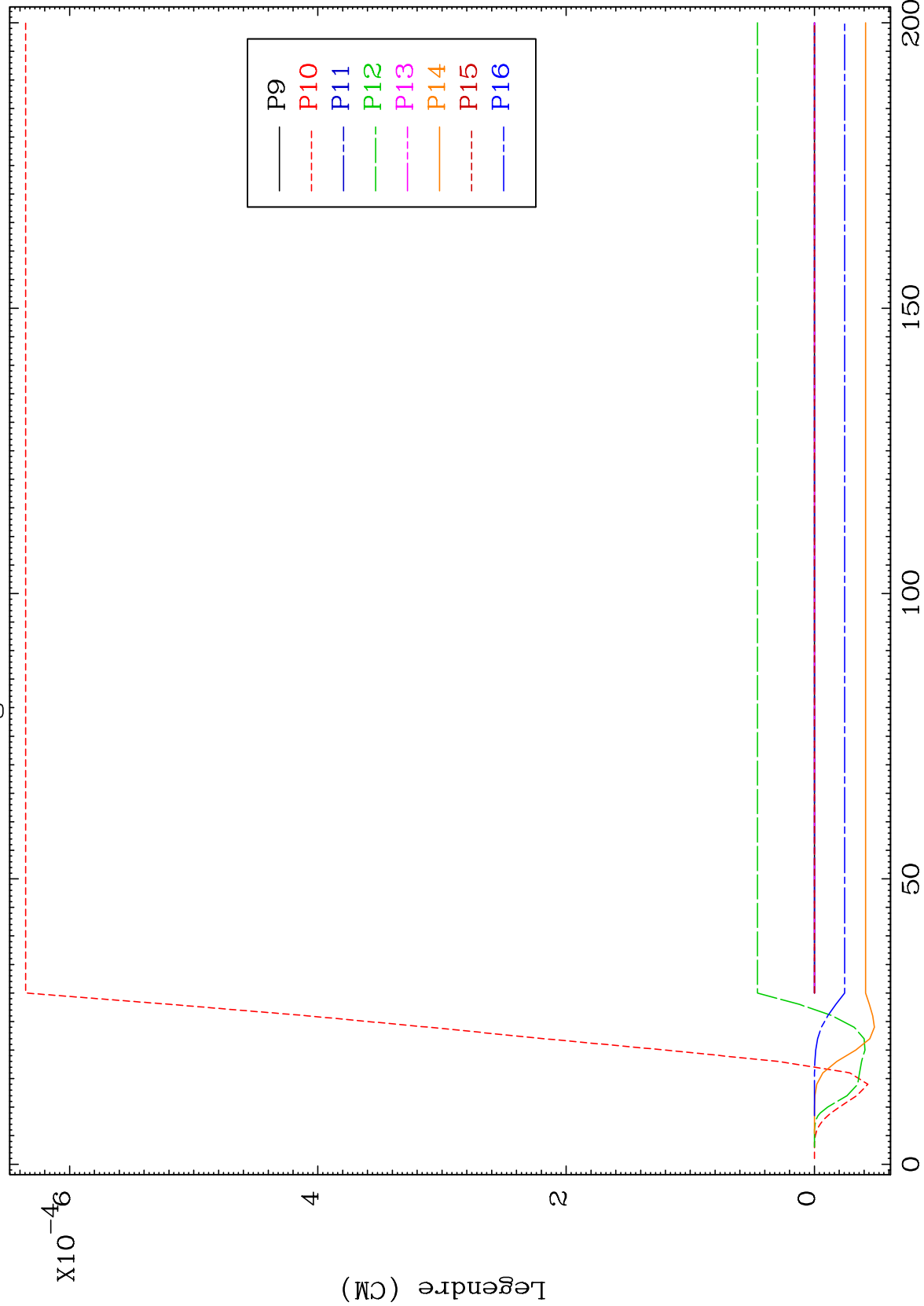
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

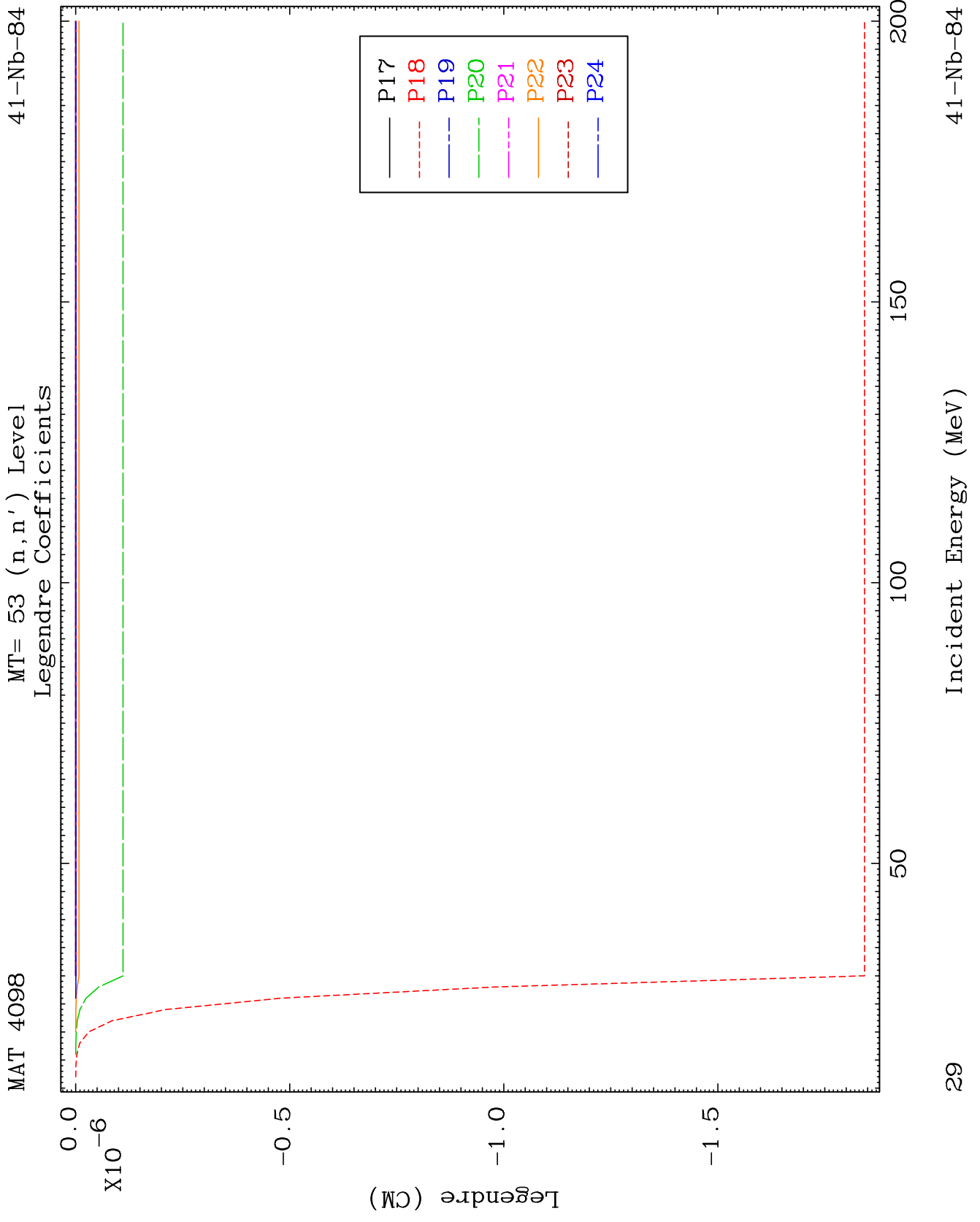
41-Nb-84



28

Incident Energy (MeV)

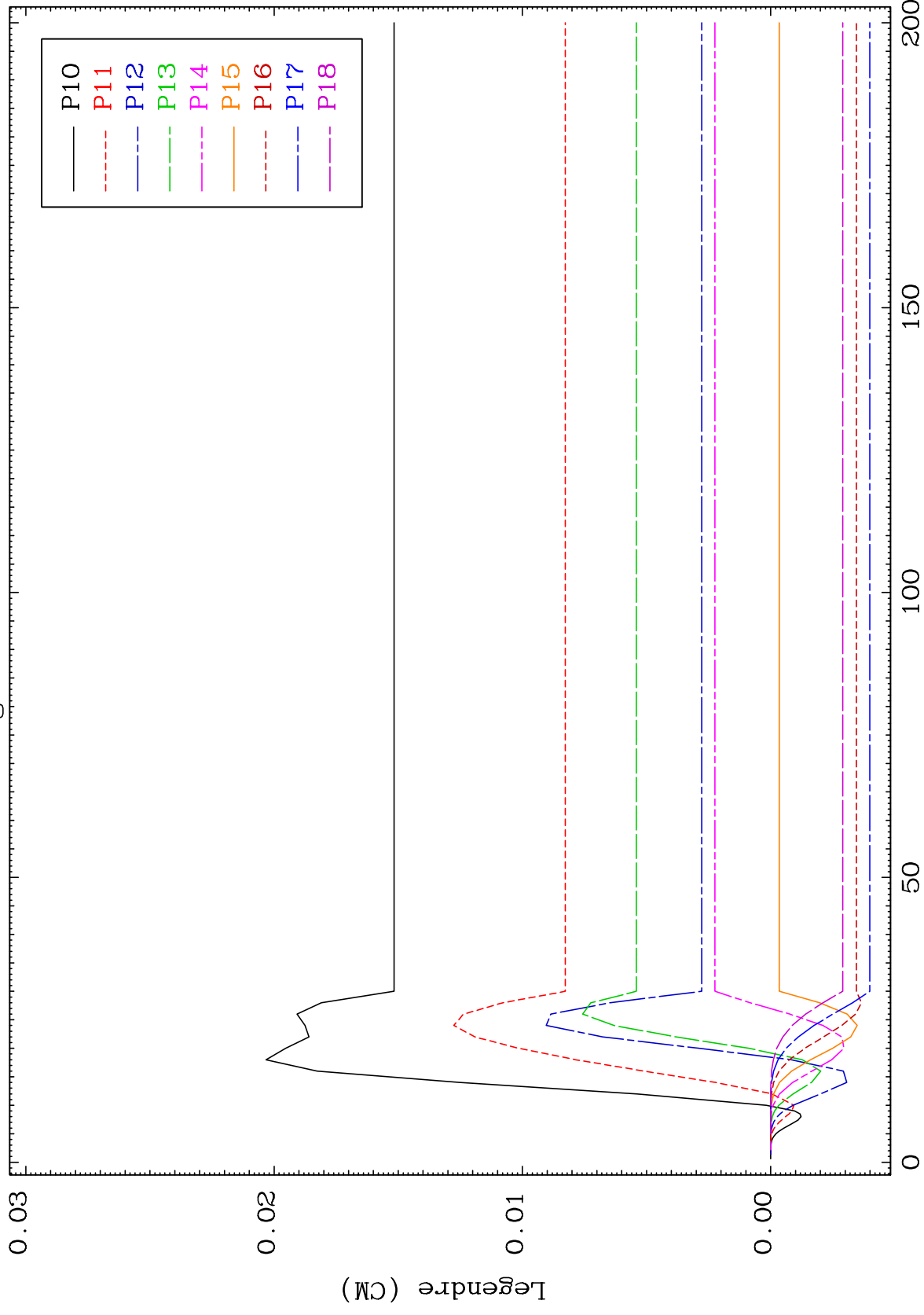
41-Nb-84



MAT 4098

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

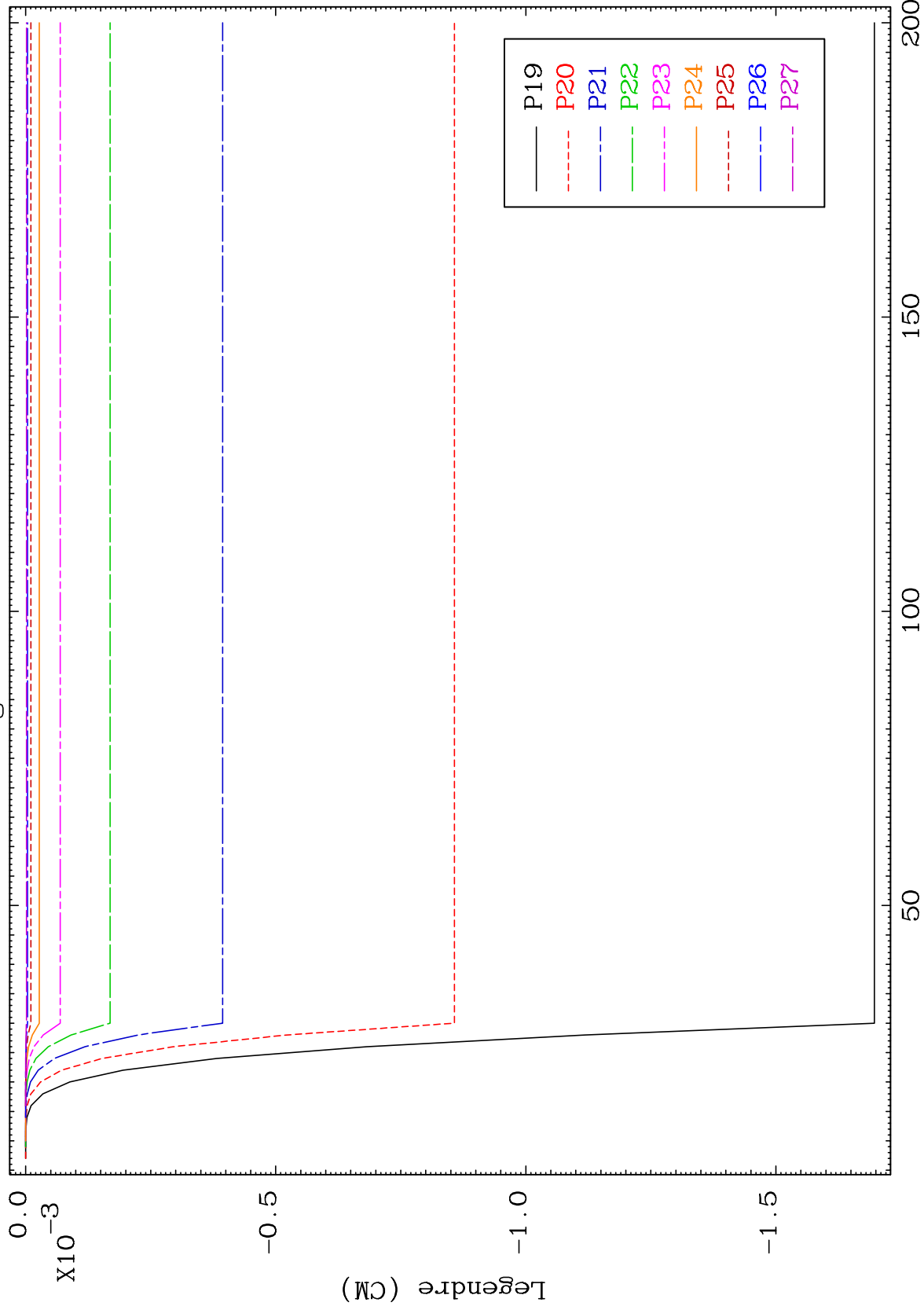
41-Nb-84



31

Incident Energy (MeV)

41-Nb-84

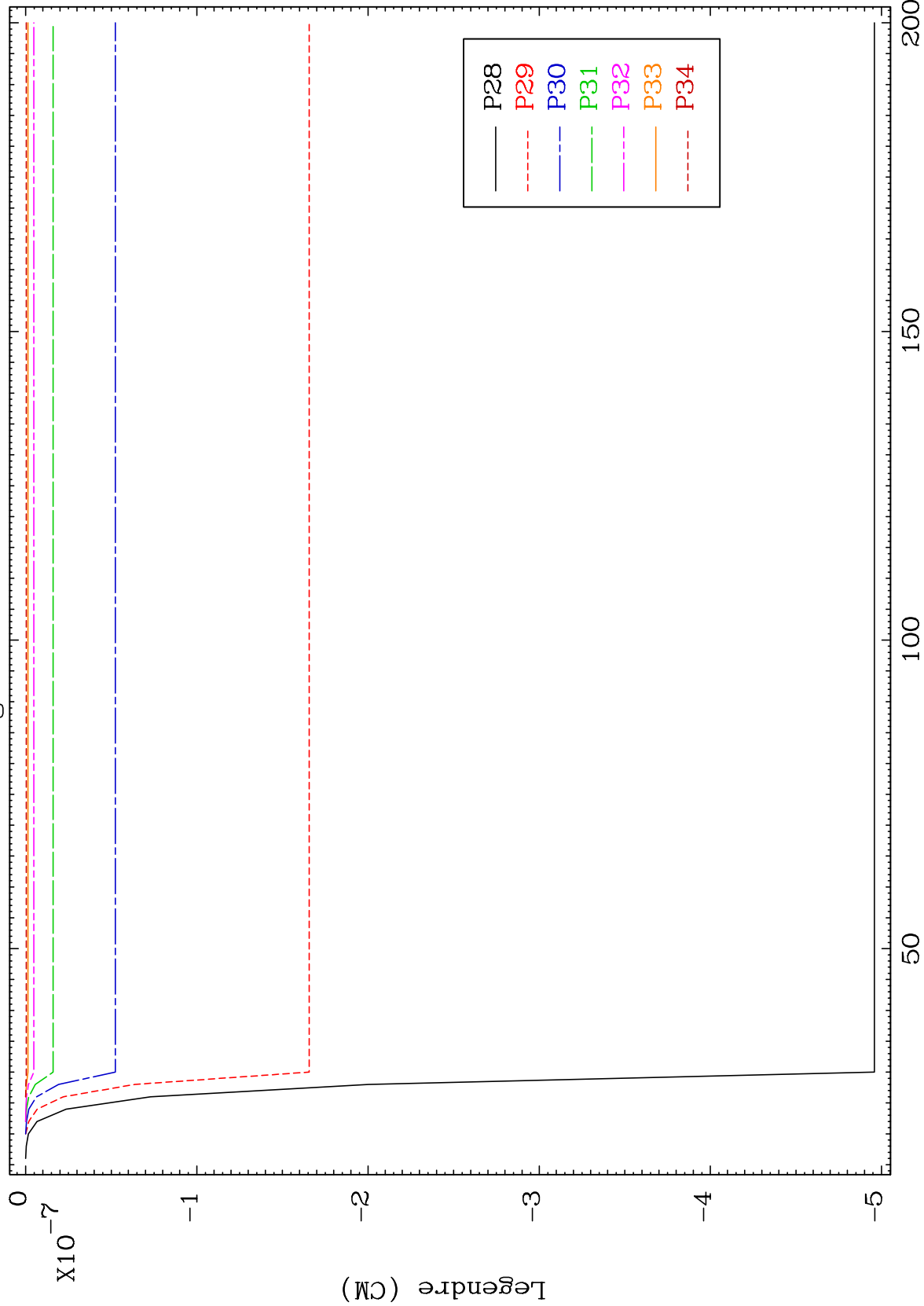


MAT 4098

MT= 54 (n,n') Level

41-Nb-84

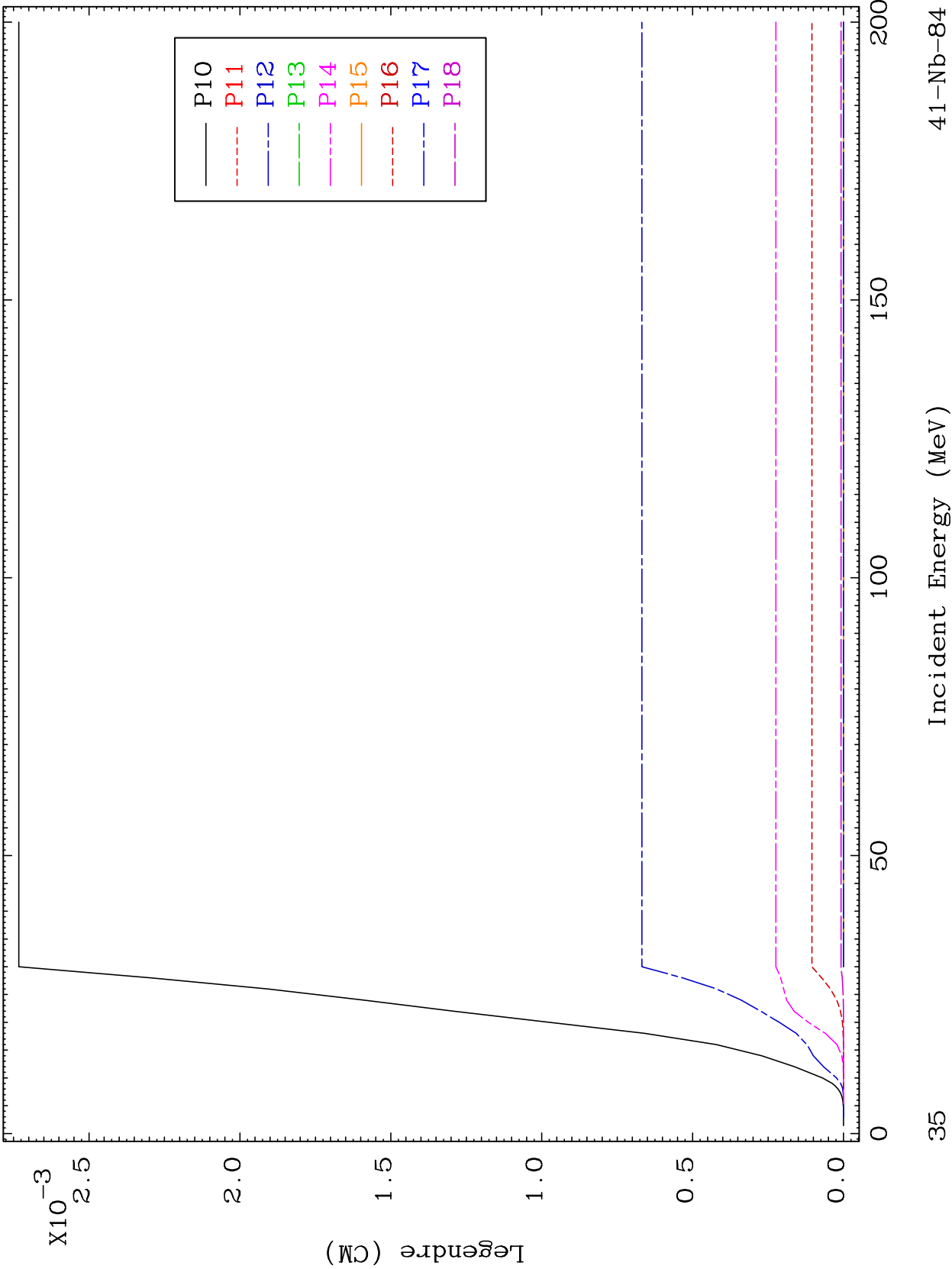
Legendre Coefficients



MAT 4098

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

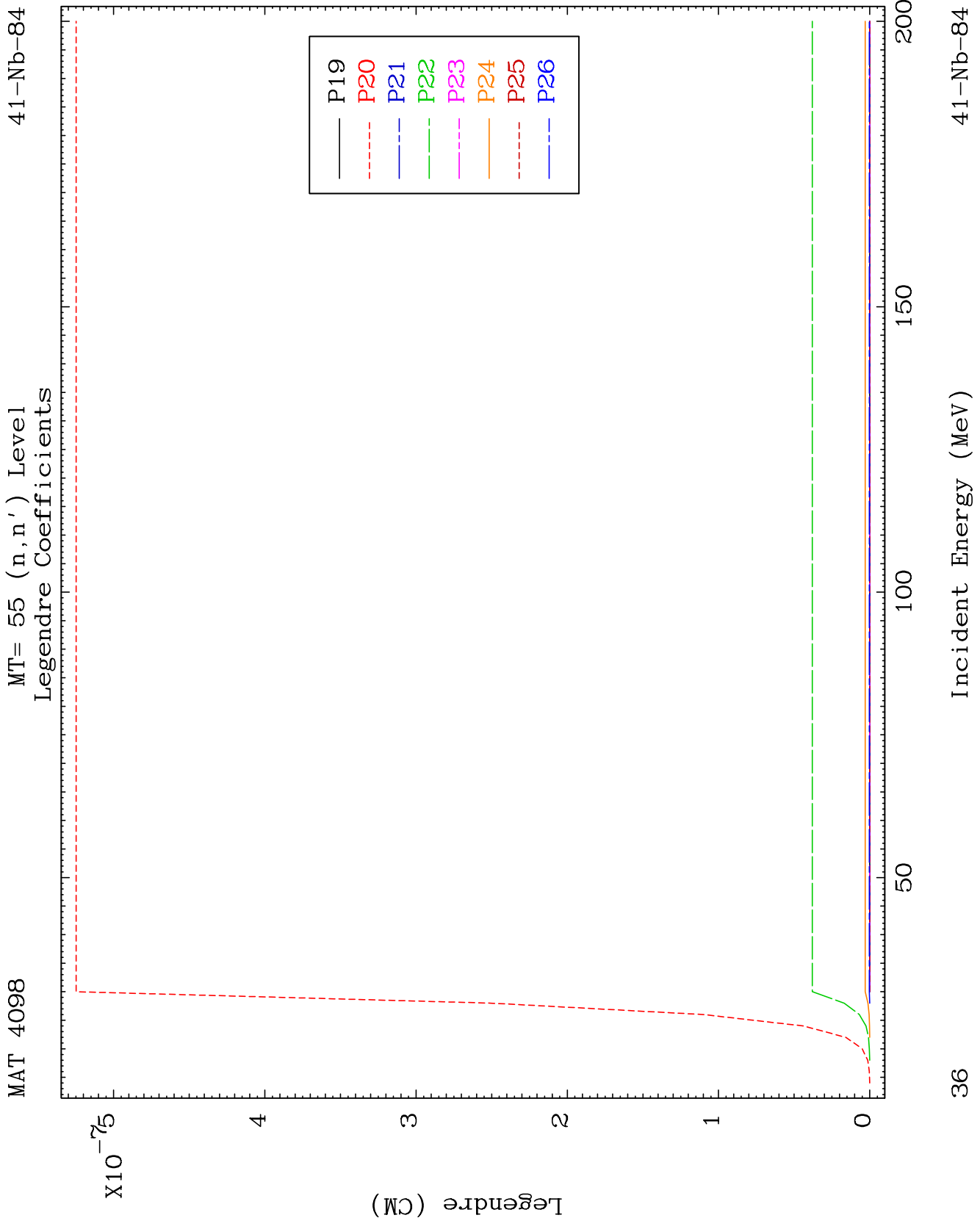
41-Nb-84

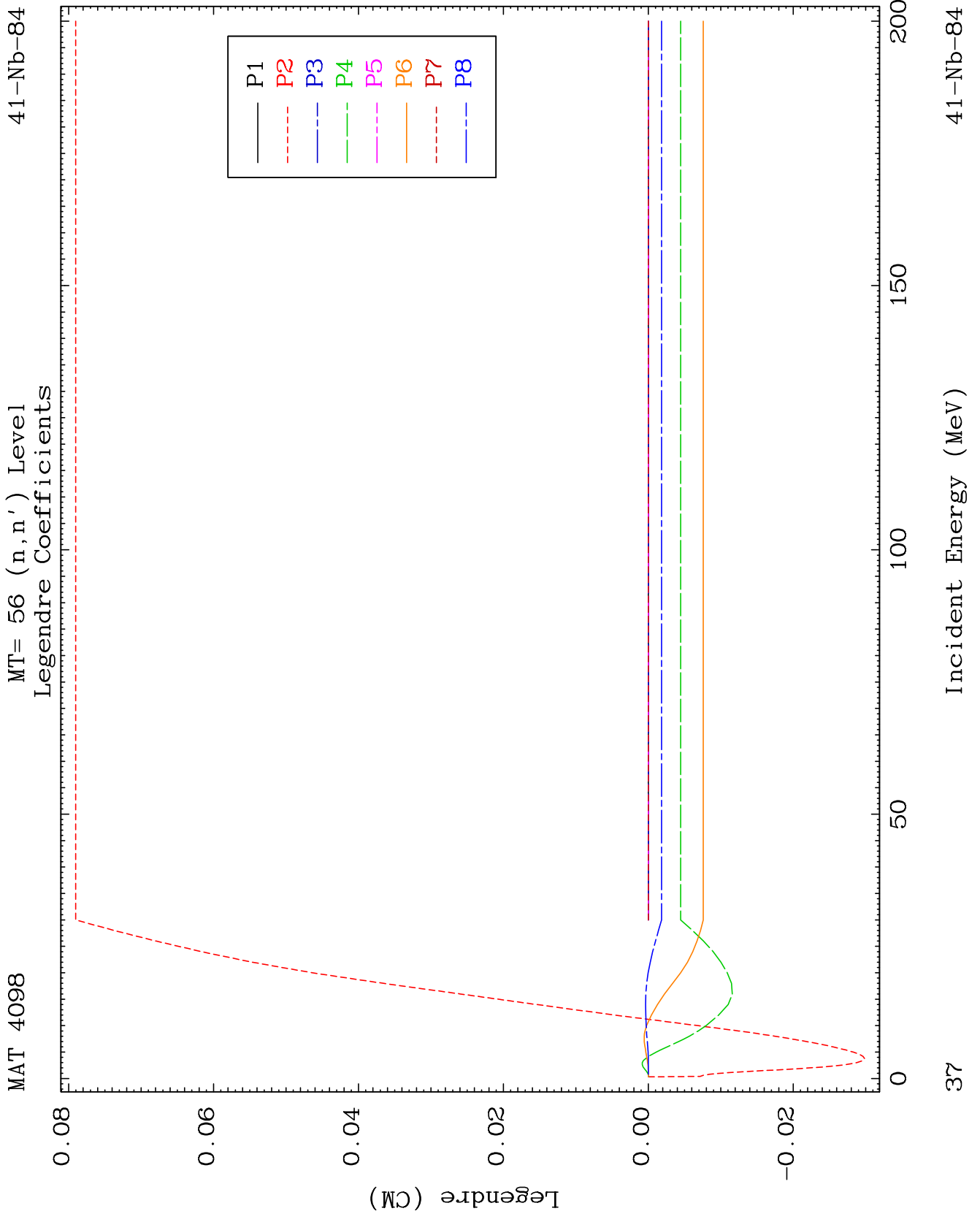


35

Incident Energy (MeV)

41-Nb-84

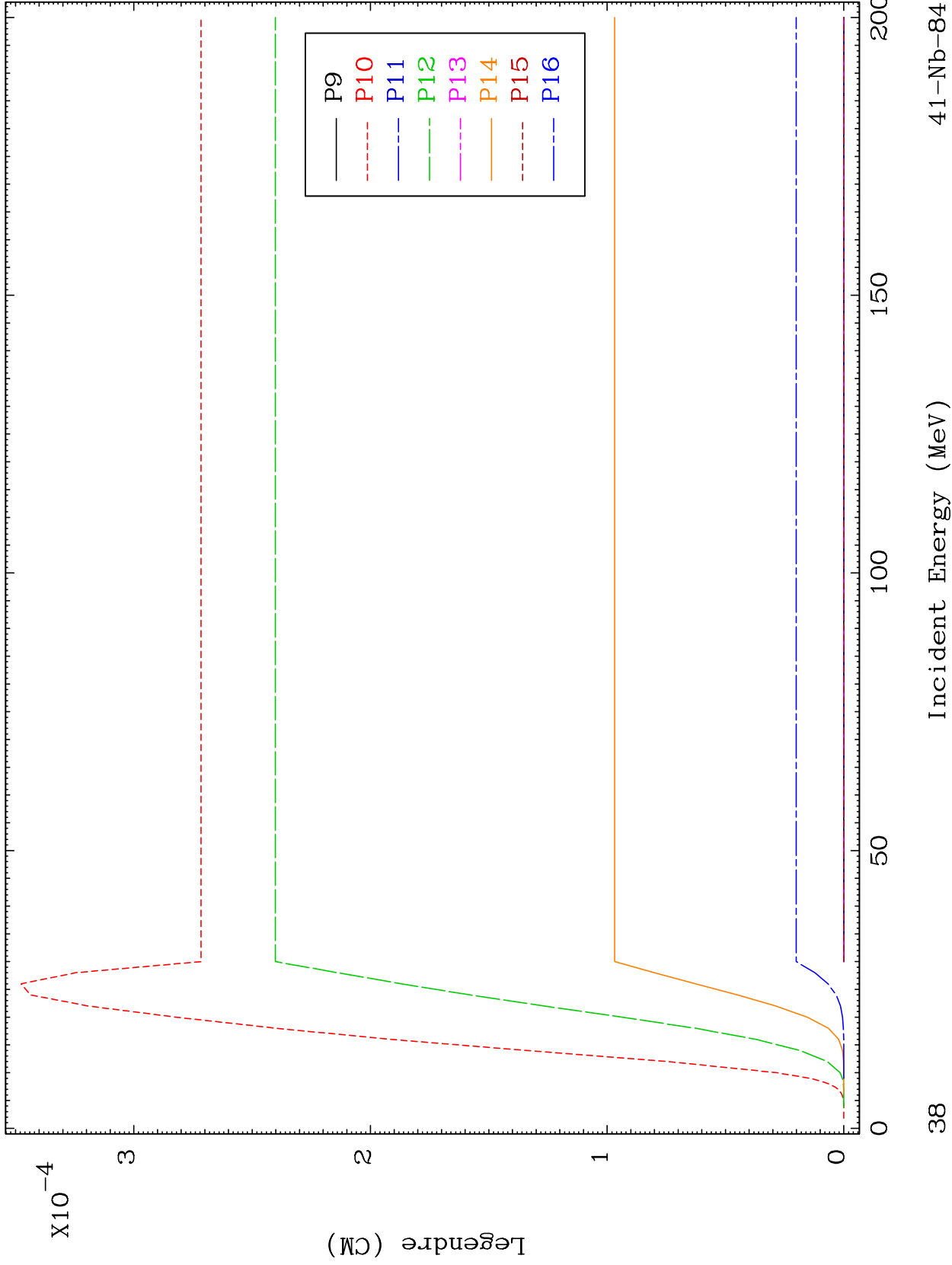




MAT 4098

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

41-Nb-84



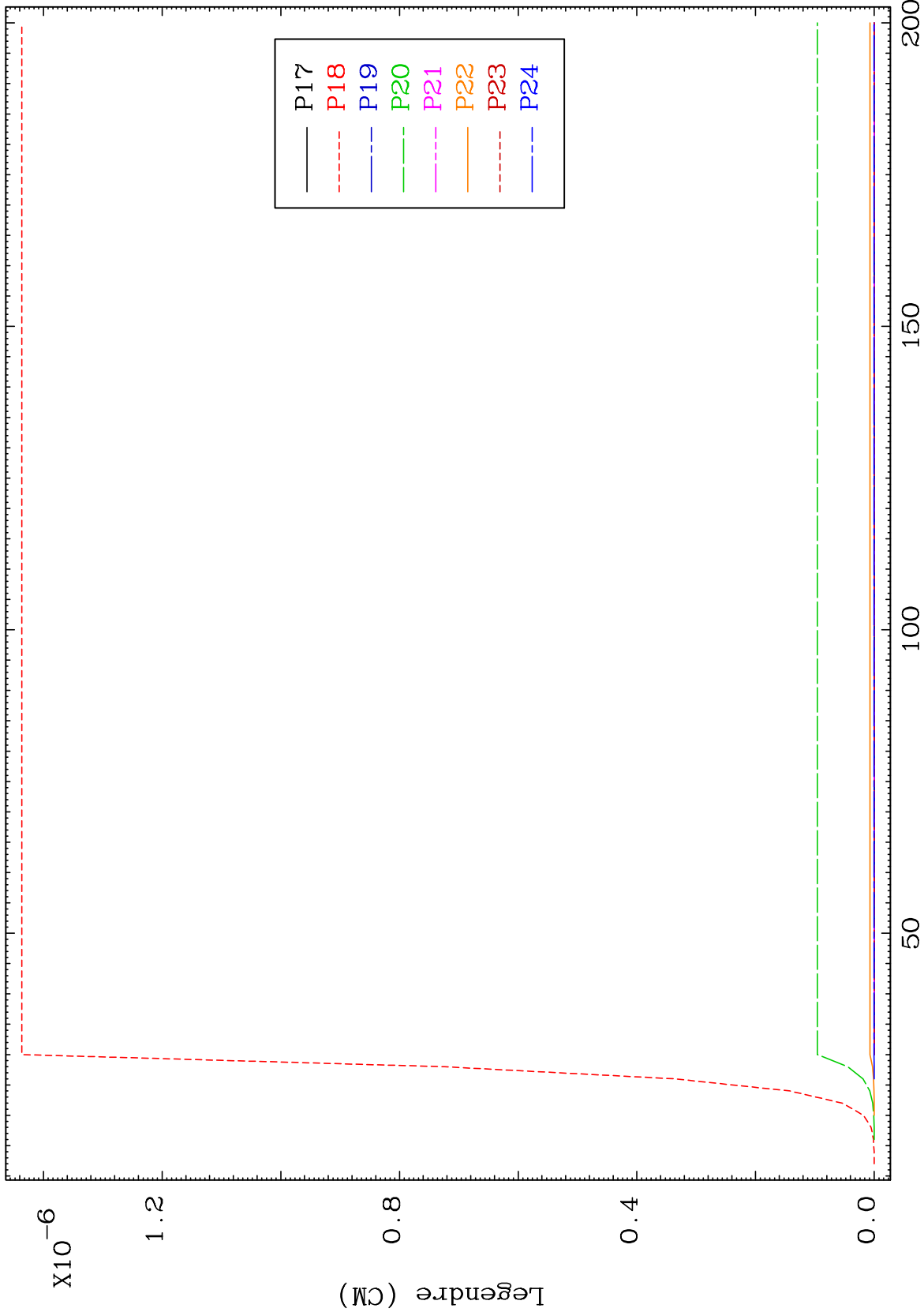
38

41-Nb-84

MAT 4098

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

41-Nb-84



39

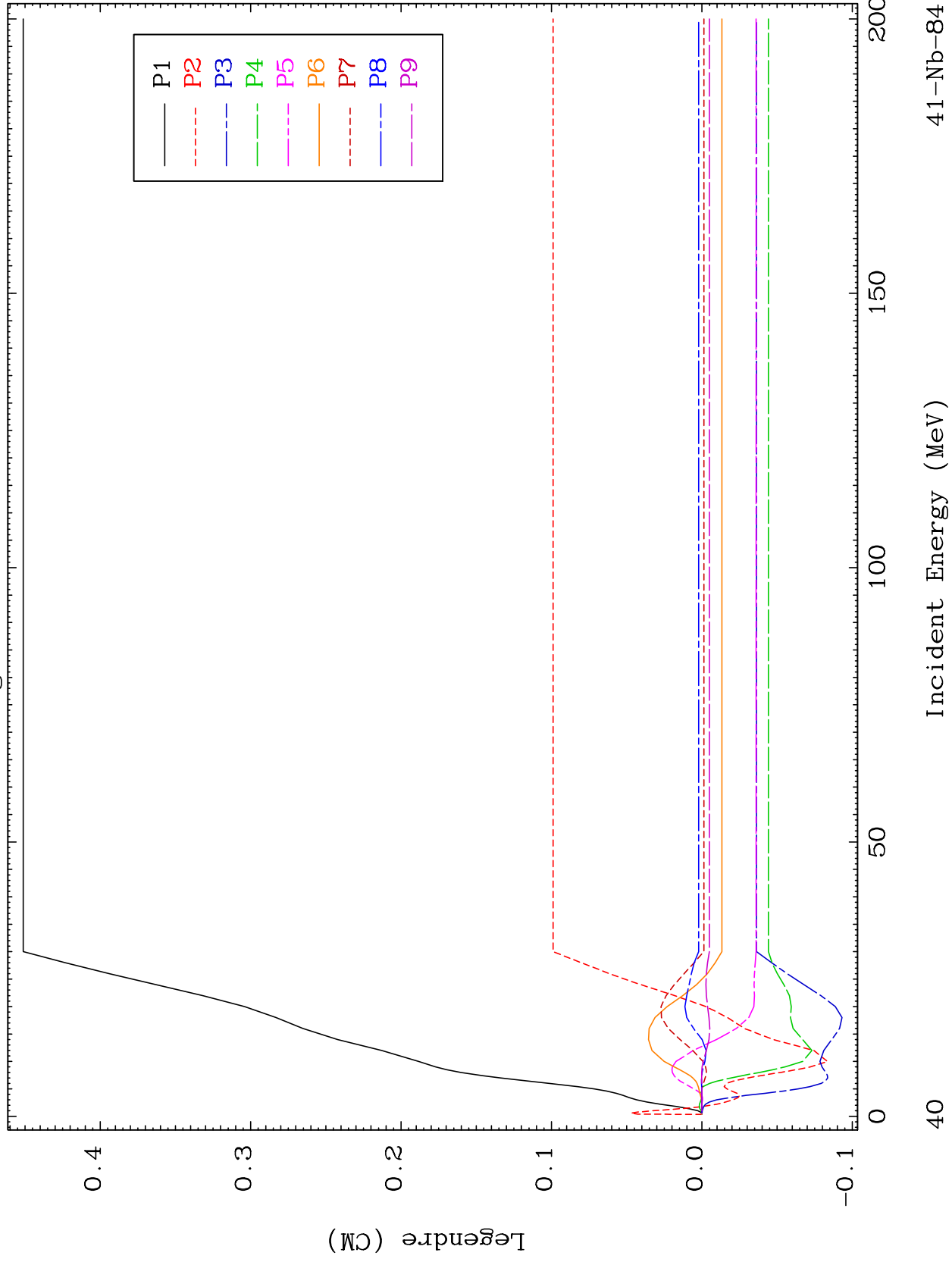
Incident Energy (MeV)

41-Nb-84

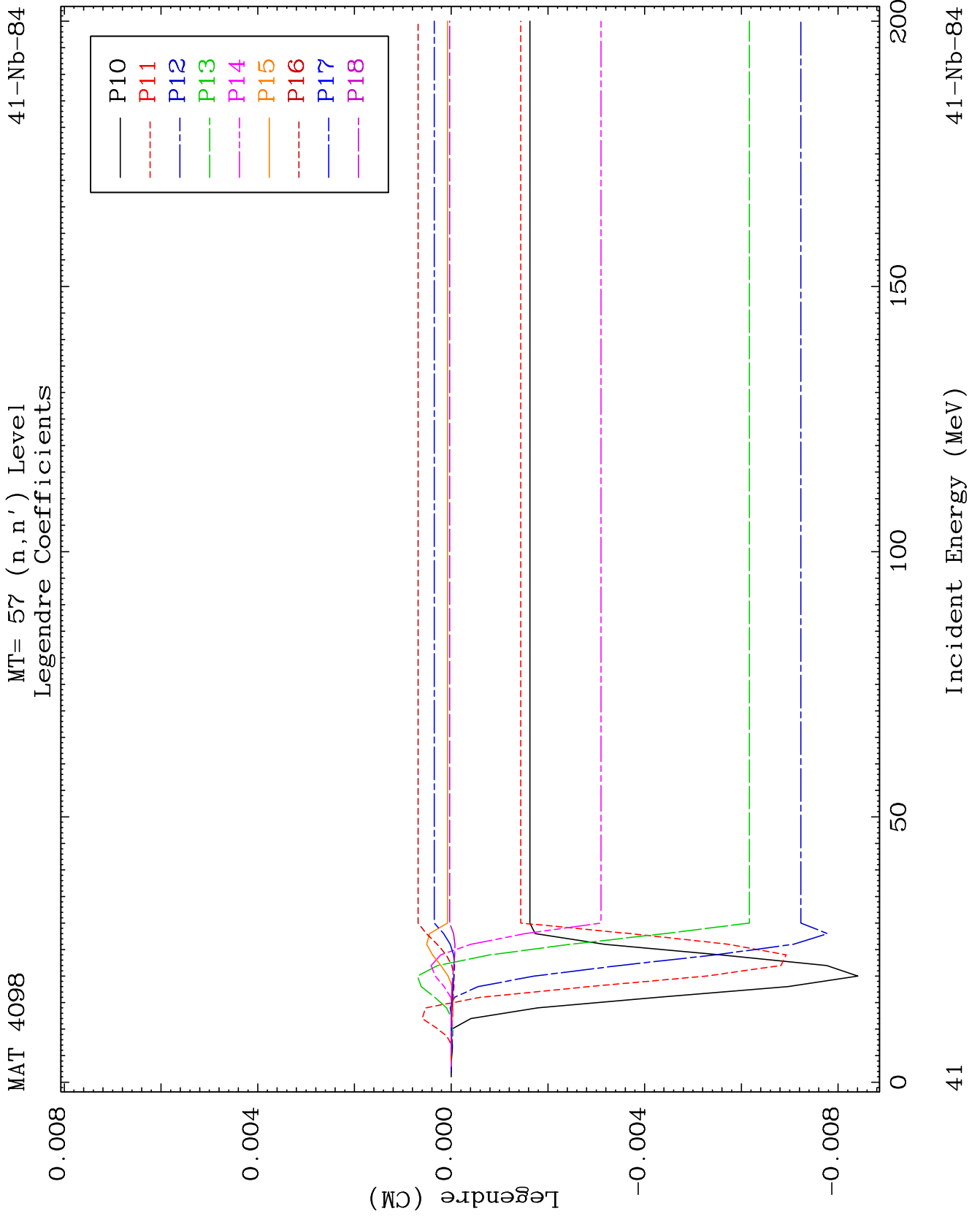
MAT 4098

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

41-Nb-84



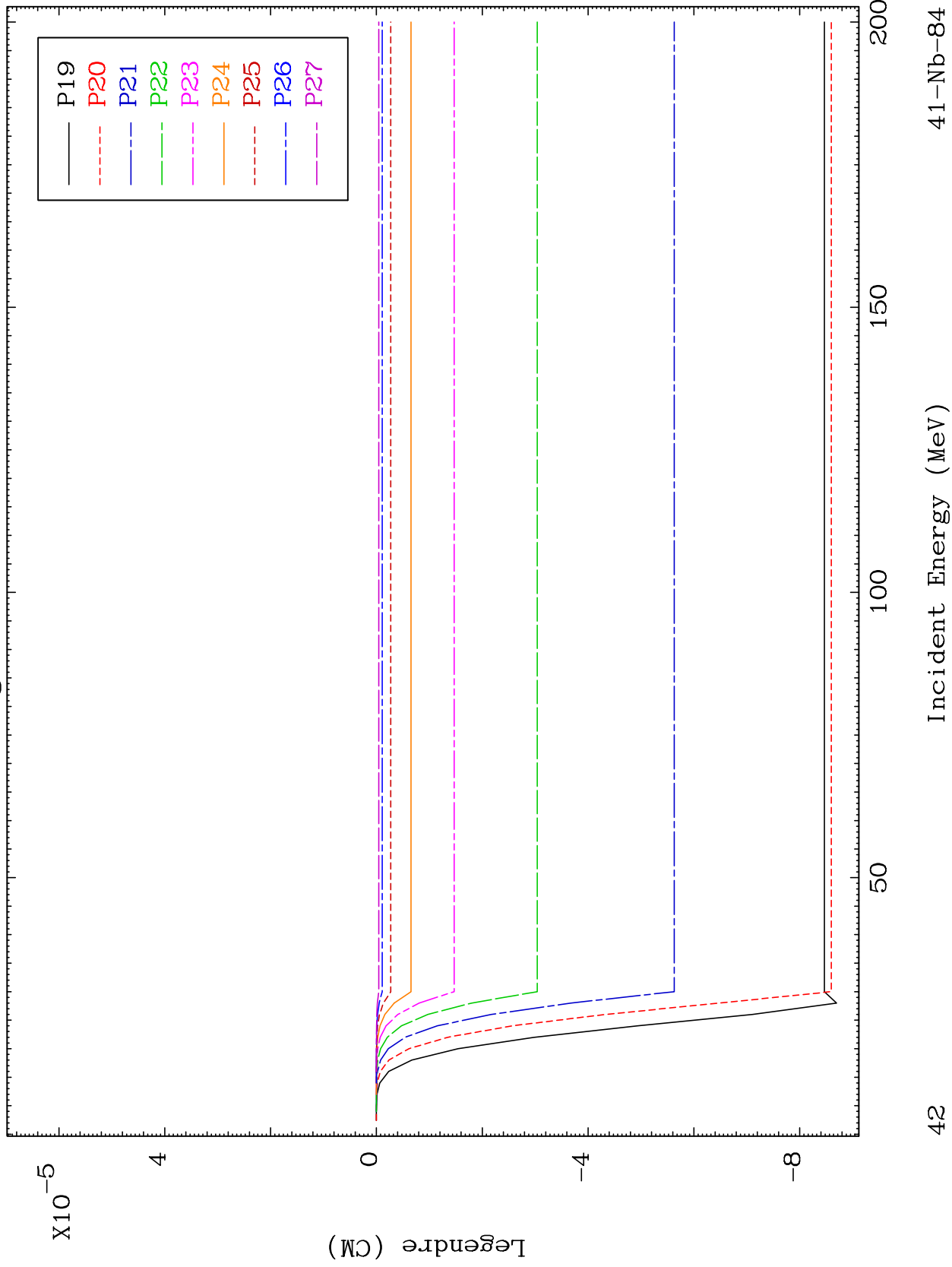
41-Nb-84



MAT 4098

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

41-Nb-84

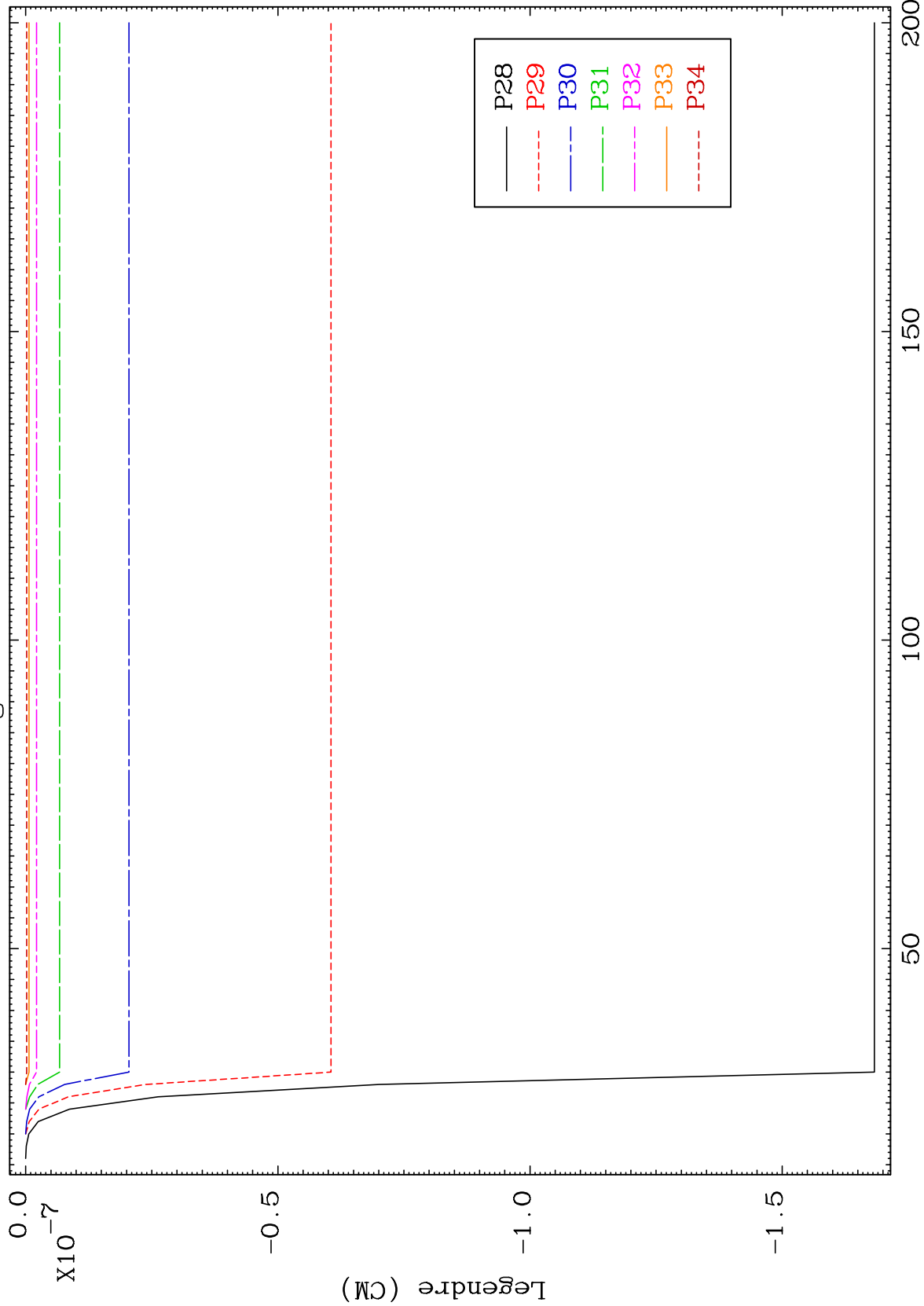


MAT 4098

MT= 57 (n,n') Level

41-Nb-84

Legendre Coefficients



43

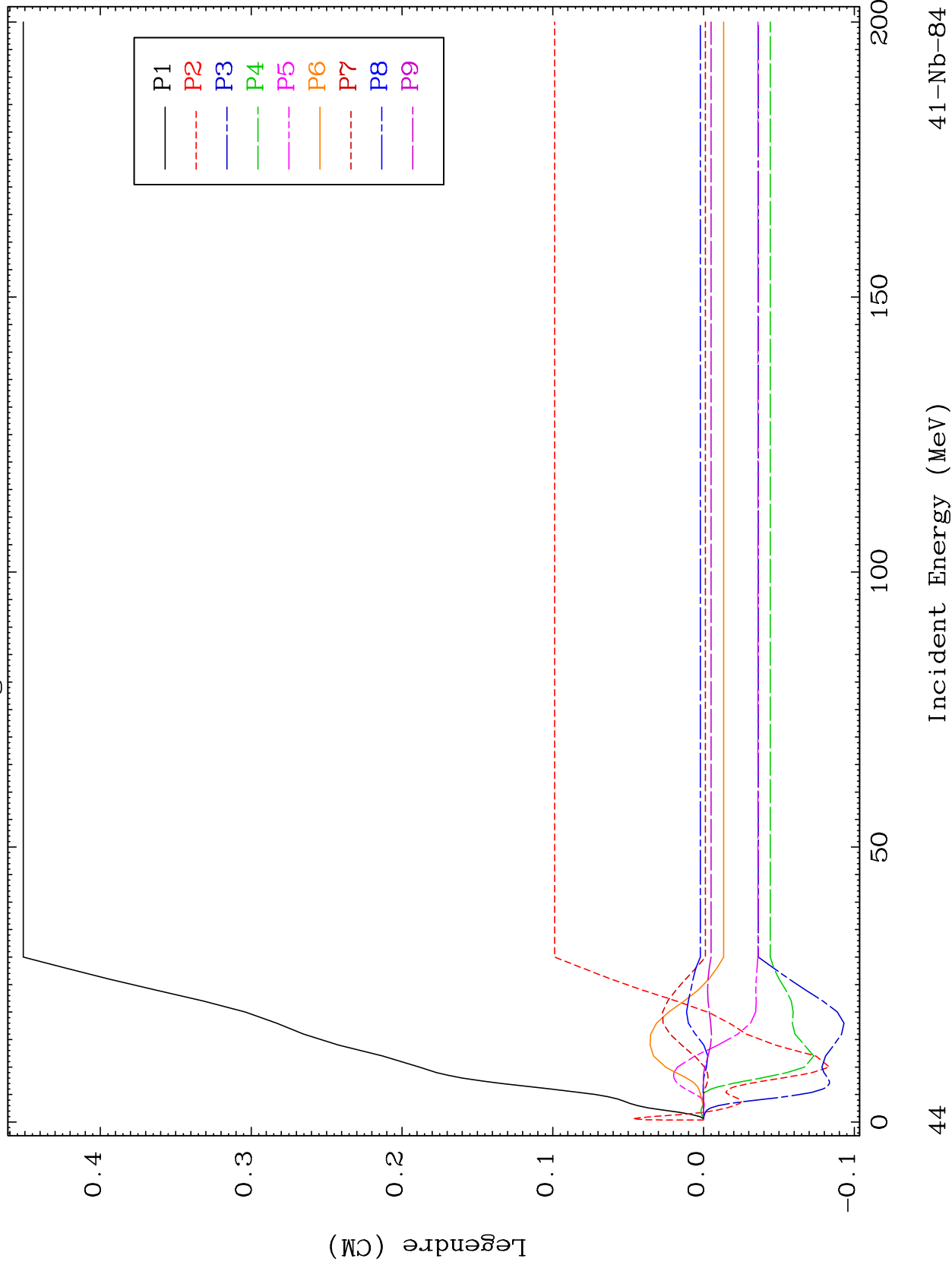
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

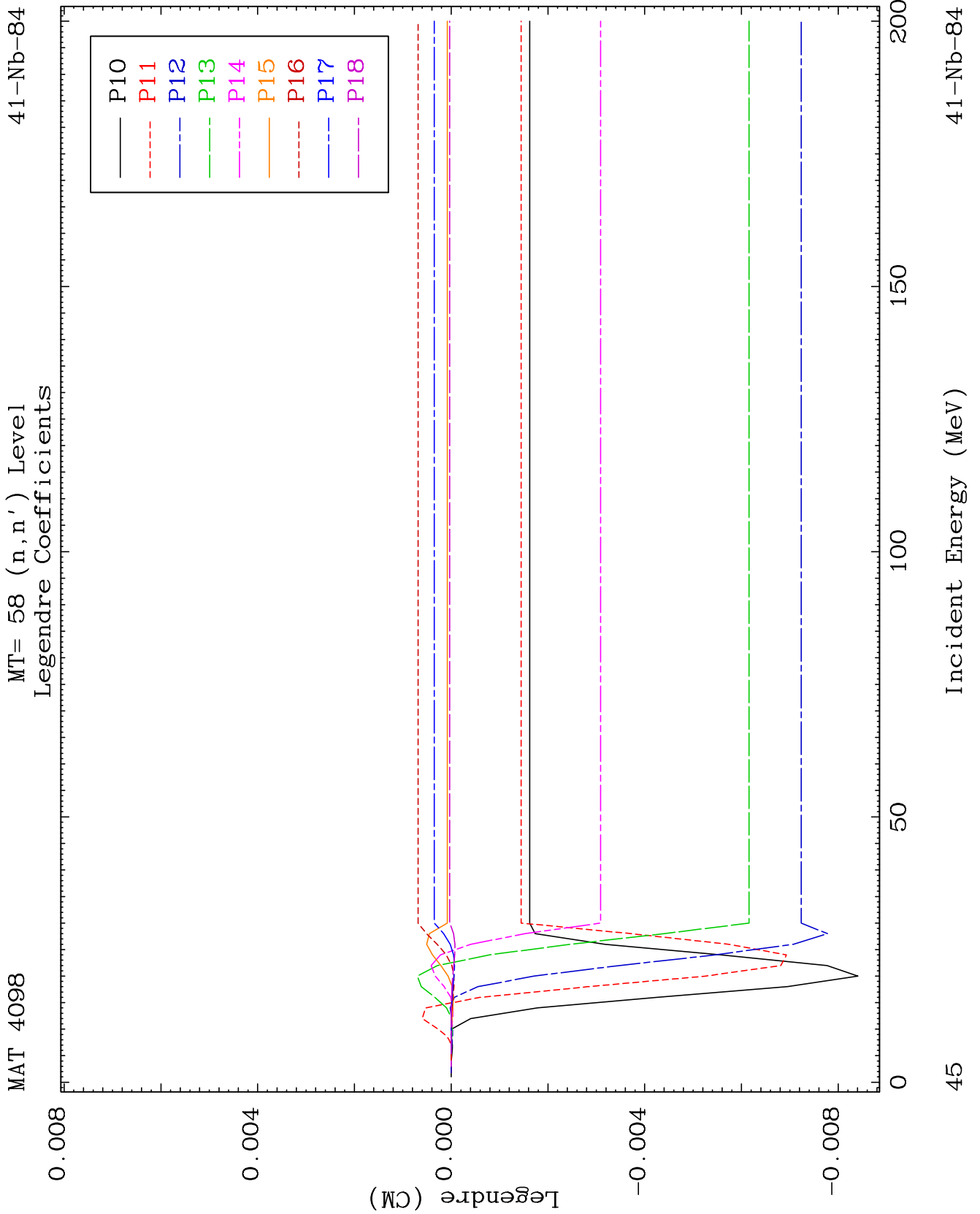
41-Nb-84



41-Nb-84

Incident Energy (MeV)

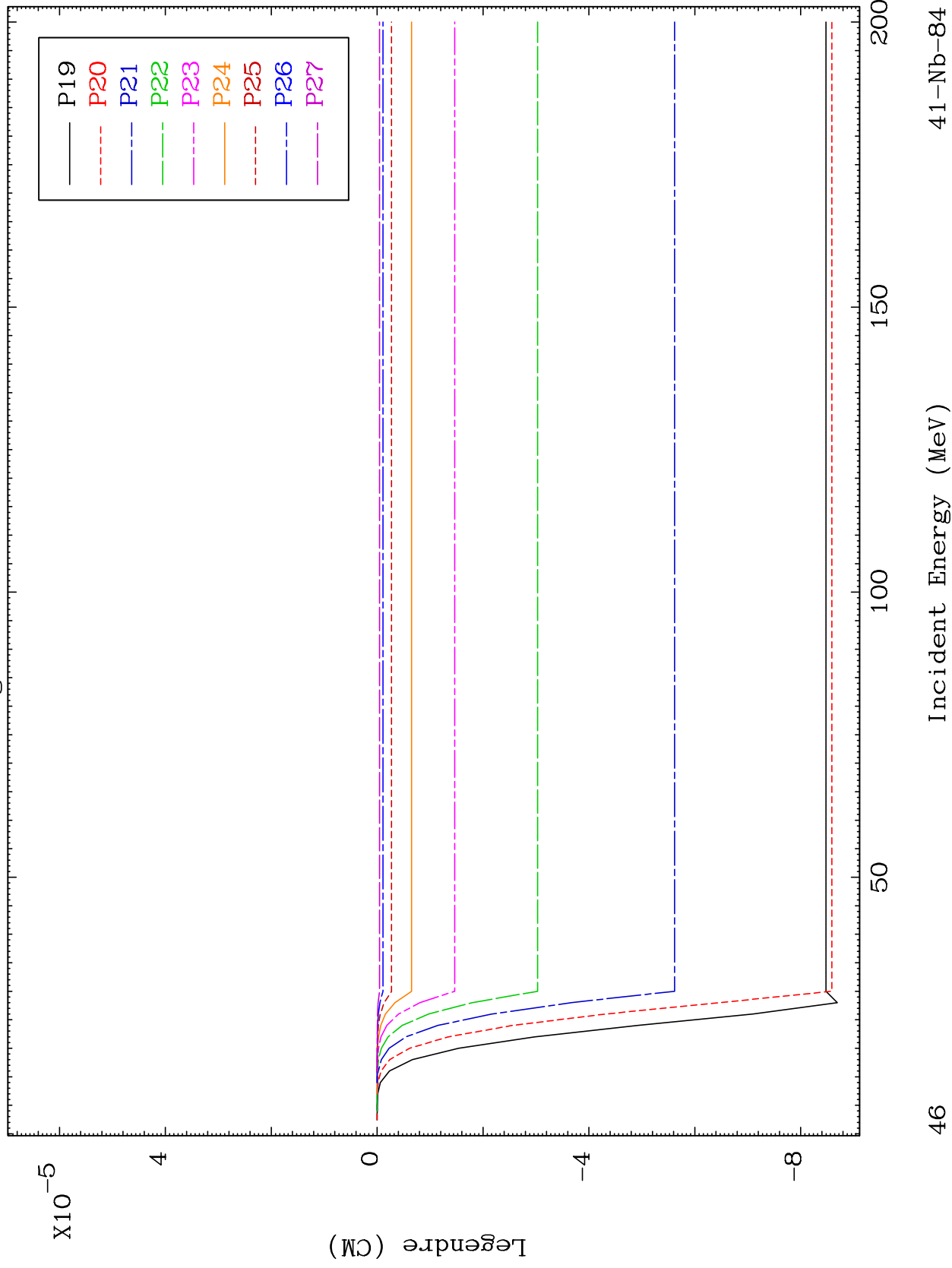
44

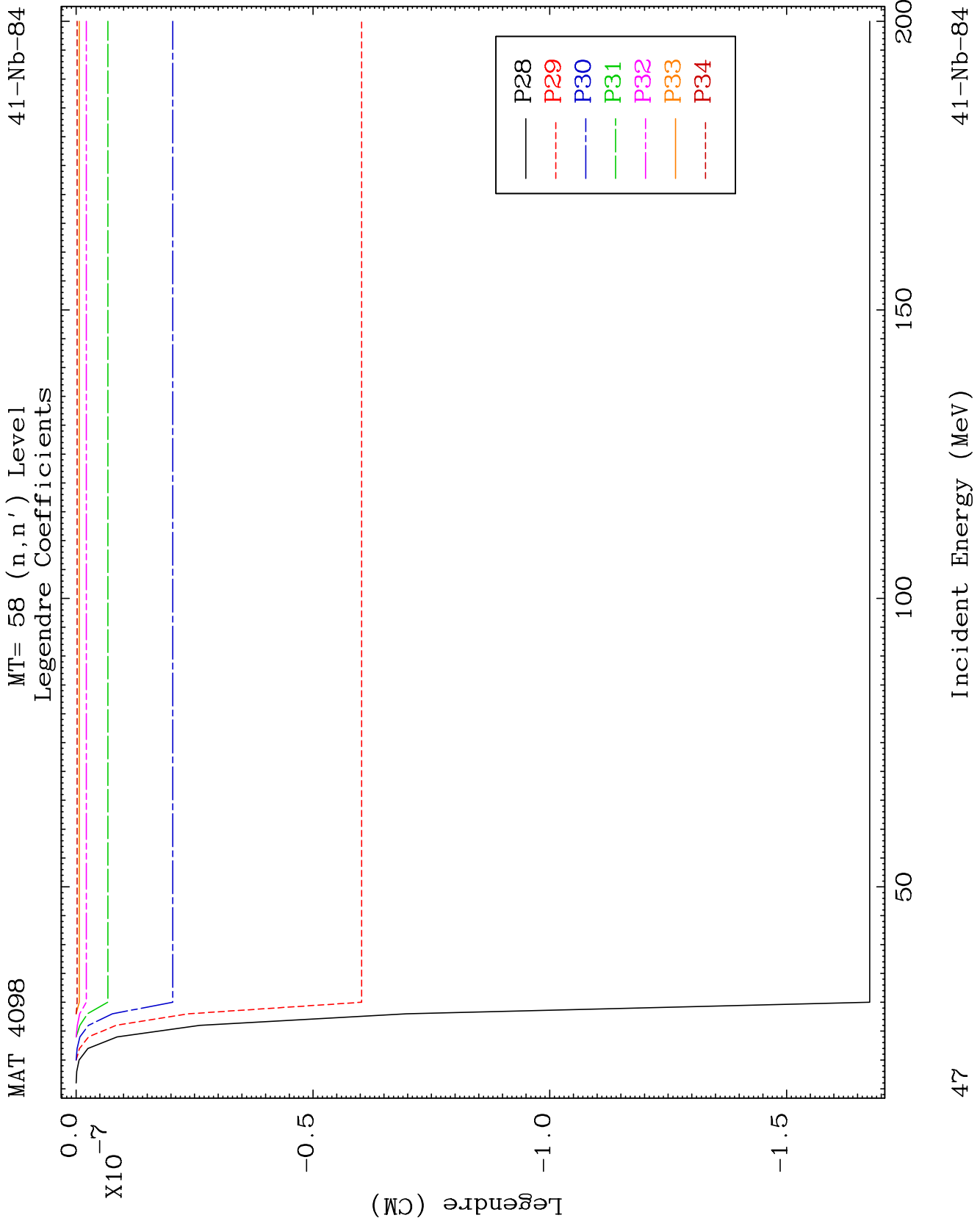


MAT 4098

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

41-Nb-84

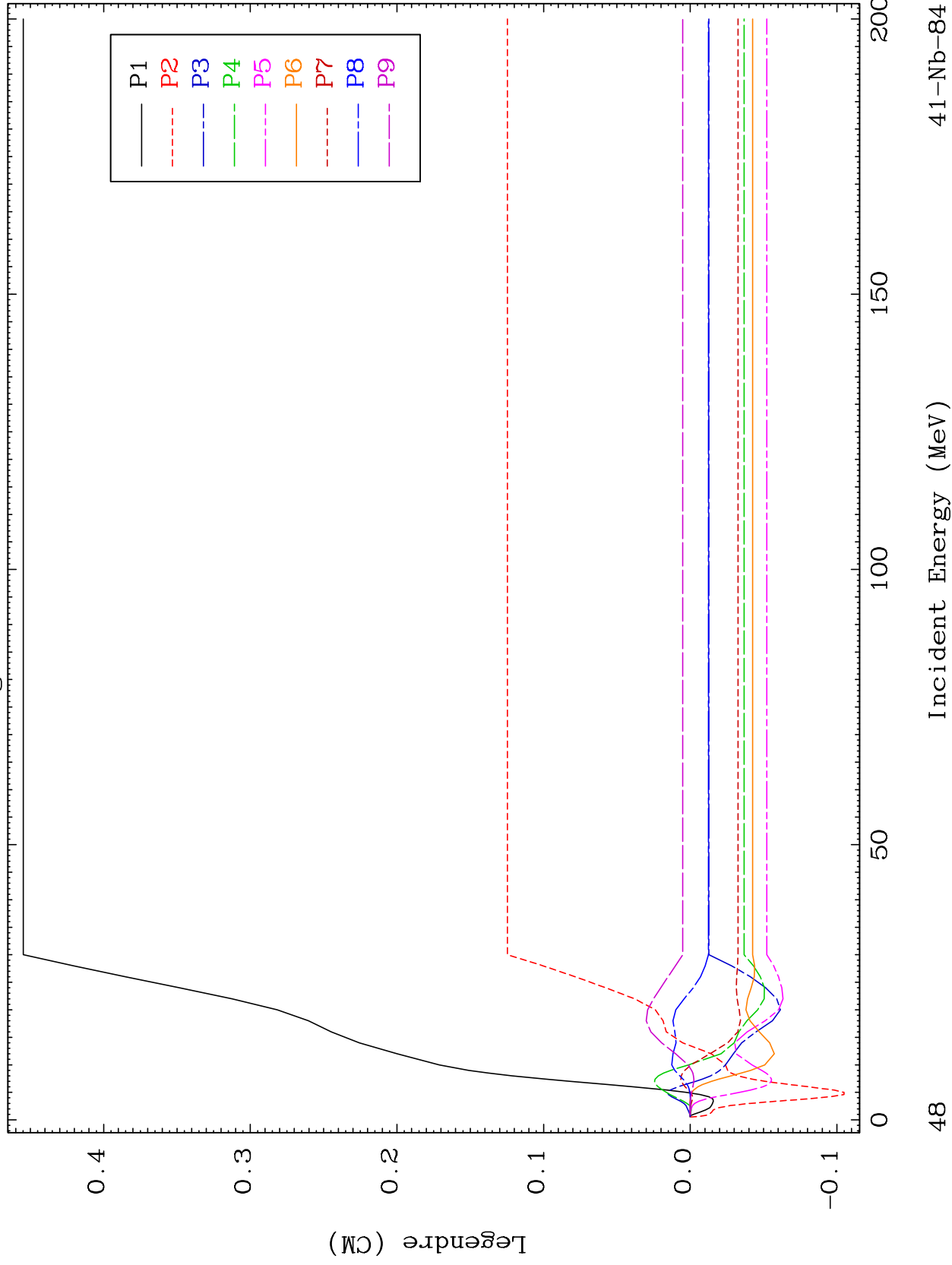




MAT 4098

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

41-Nb-84



41-Nb-84

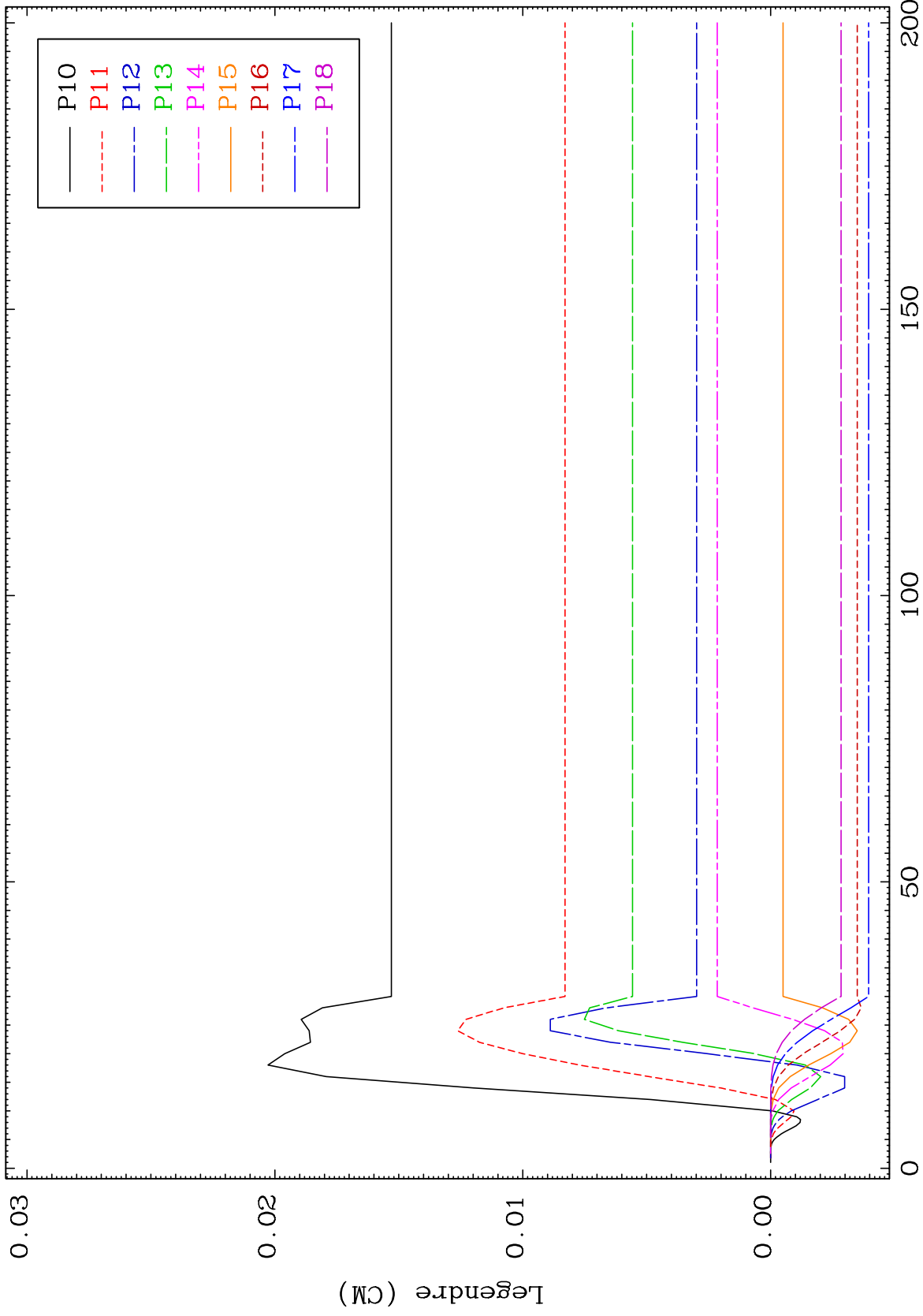
Incident Energy (MeV)

48

MAT 4098

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

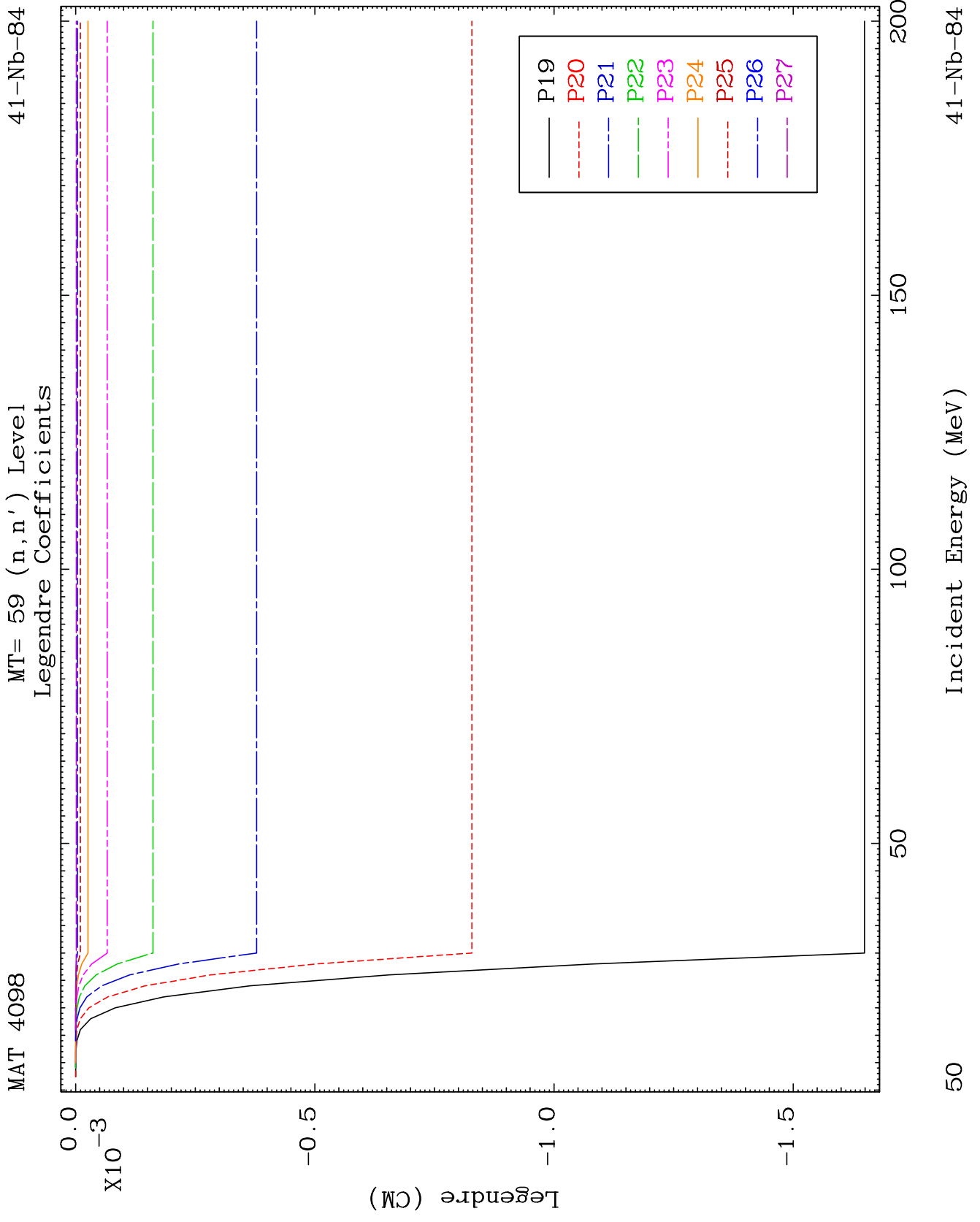
41-Nb-84

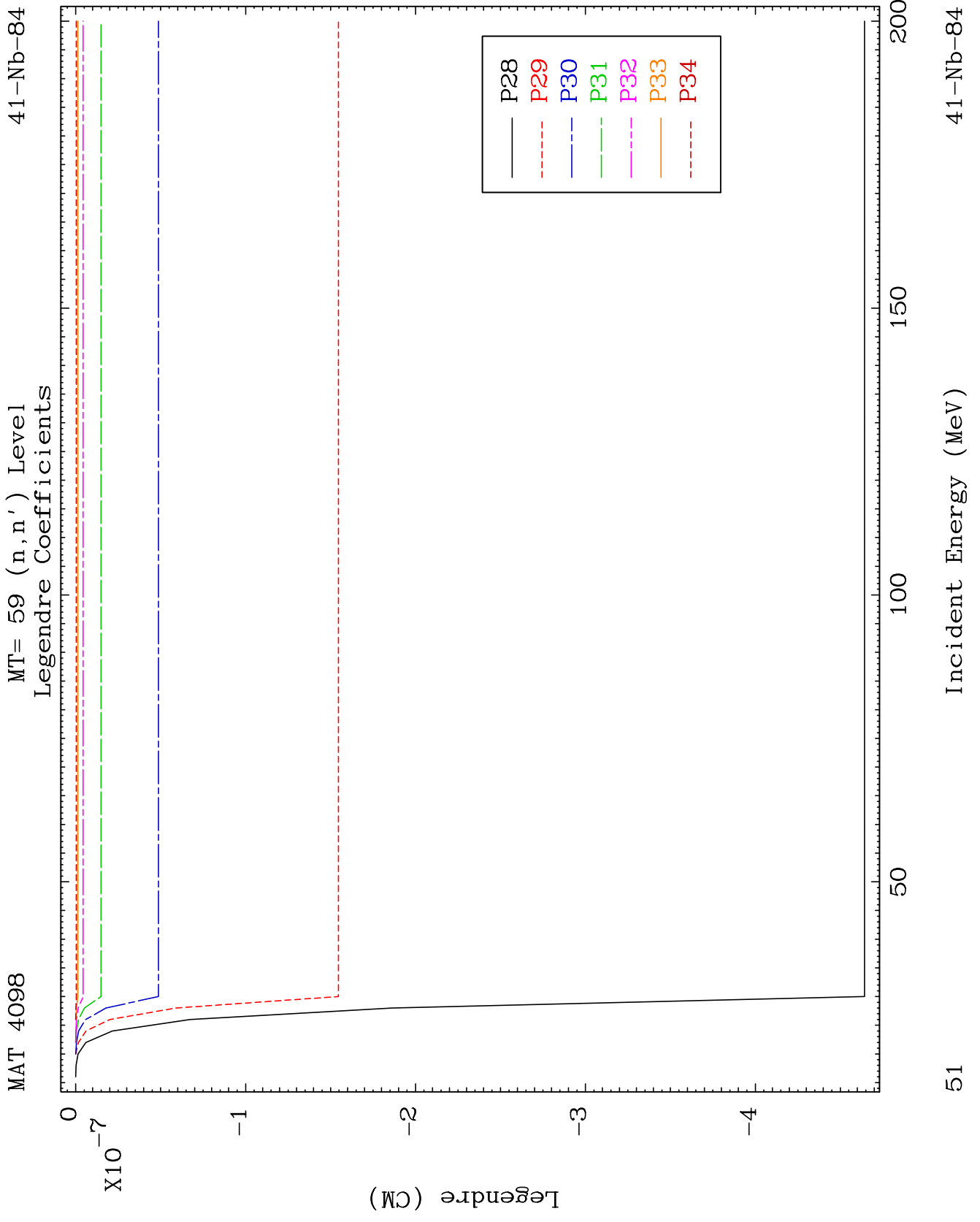


49

Incident Energy (MeV)

41-Nb-84

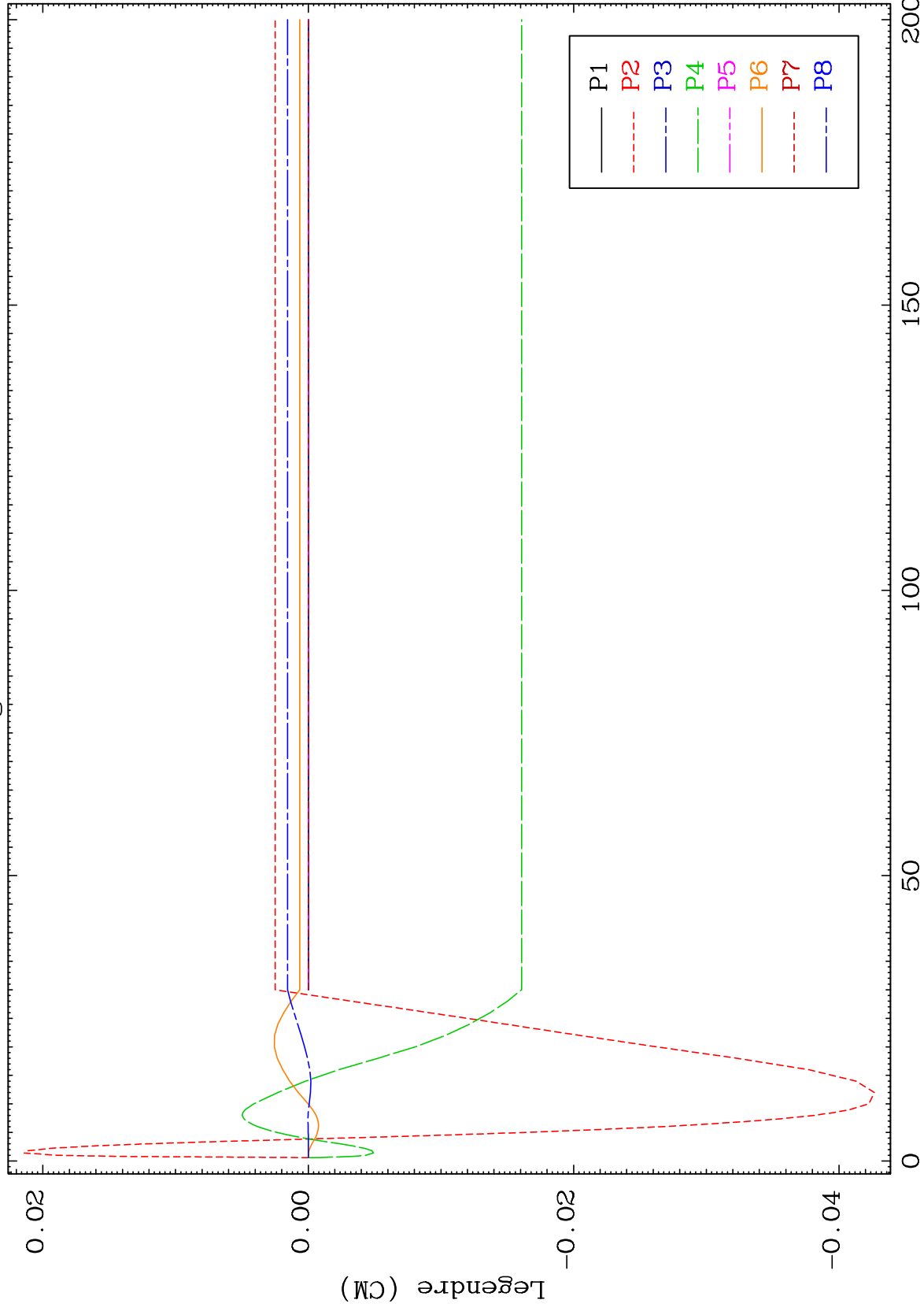




MAT 4098

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

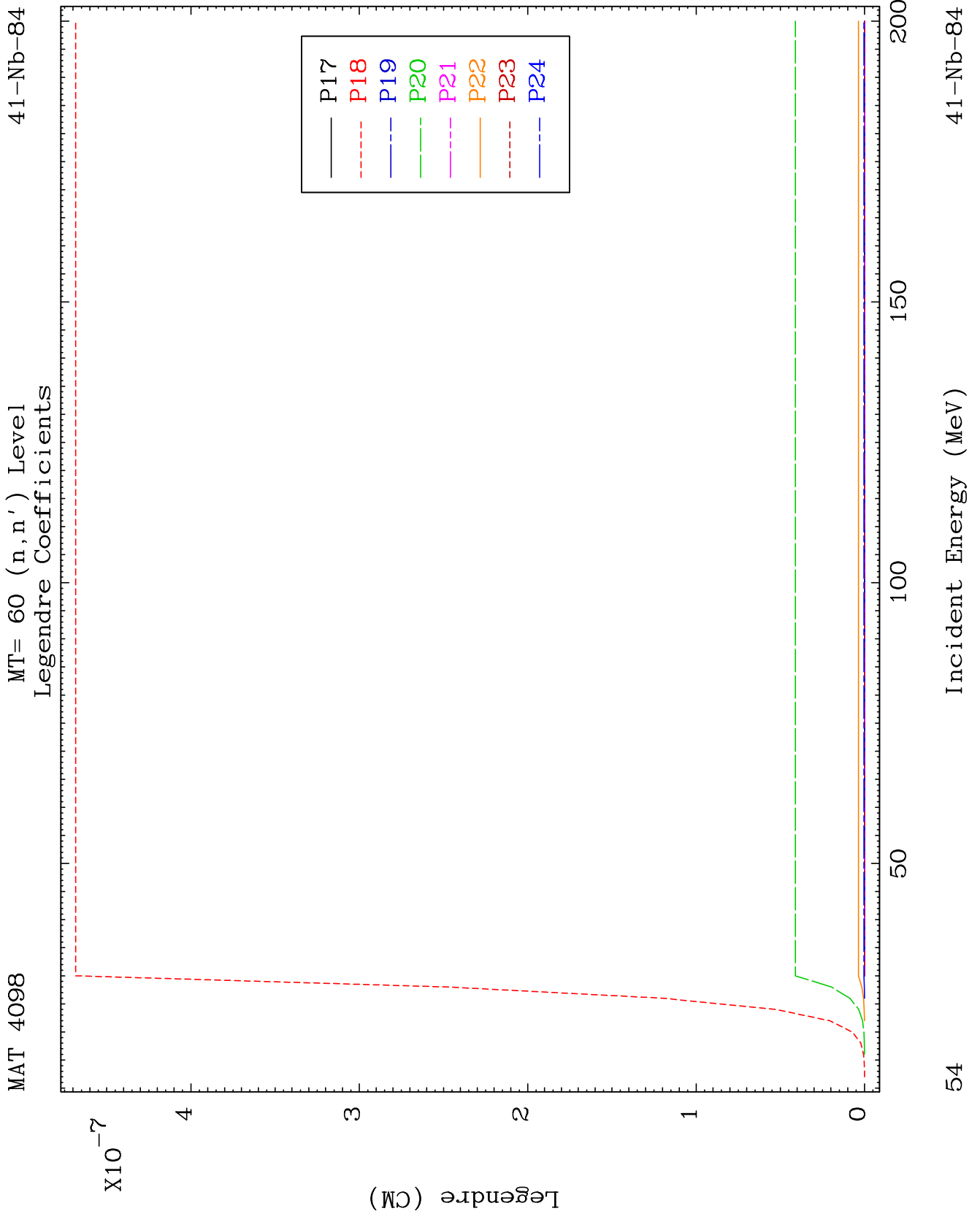
41-Nb-84



52

Incident Energy (MeV)

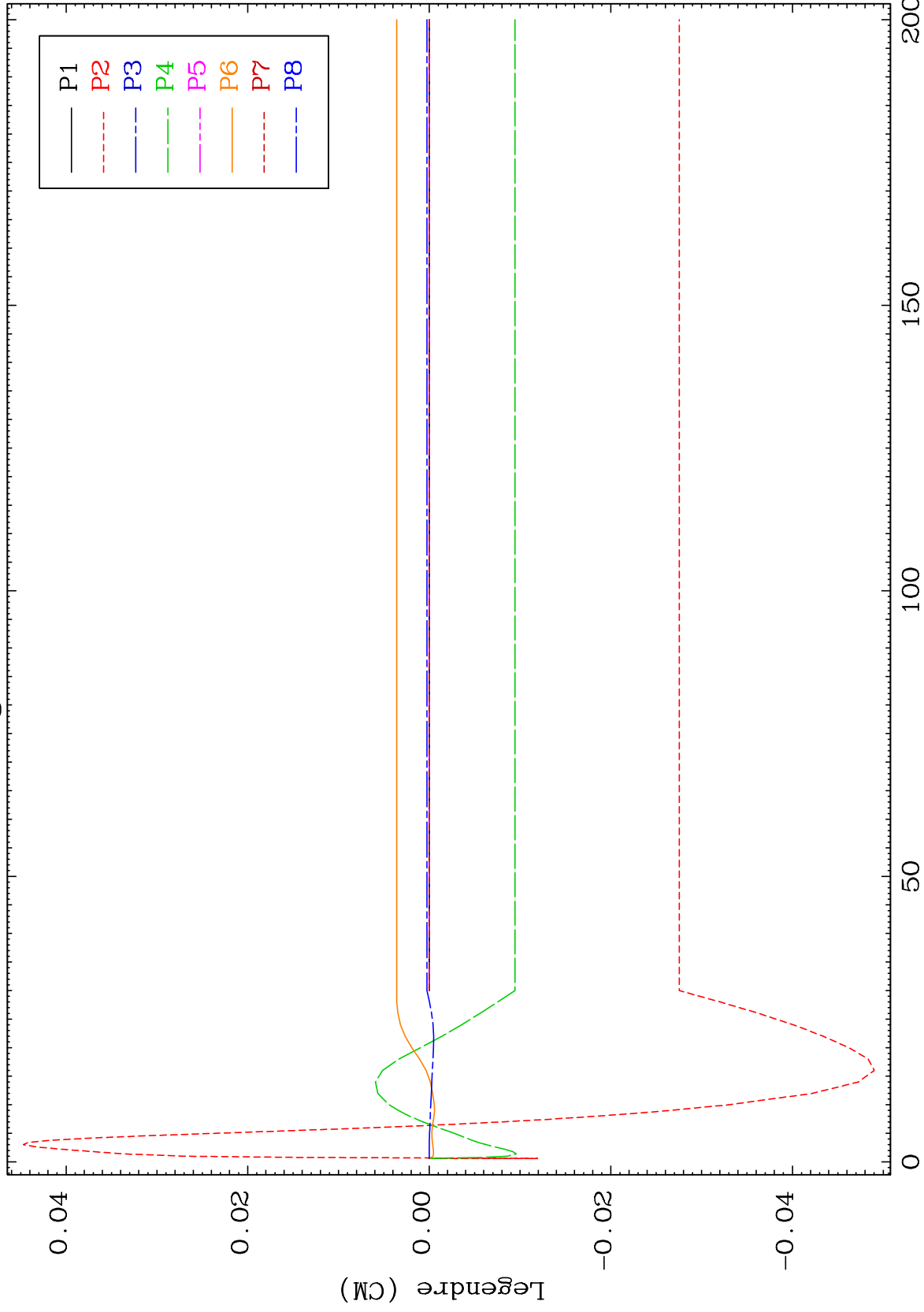
41-Nb-84



MAT 4098

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

41-Nb-84



55

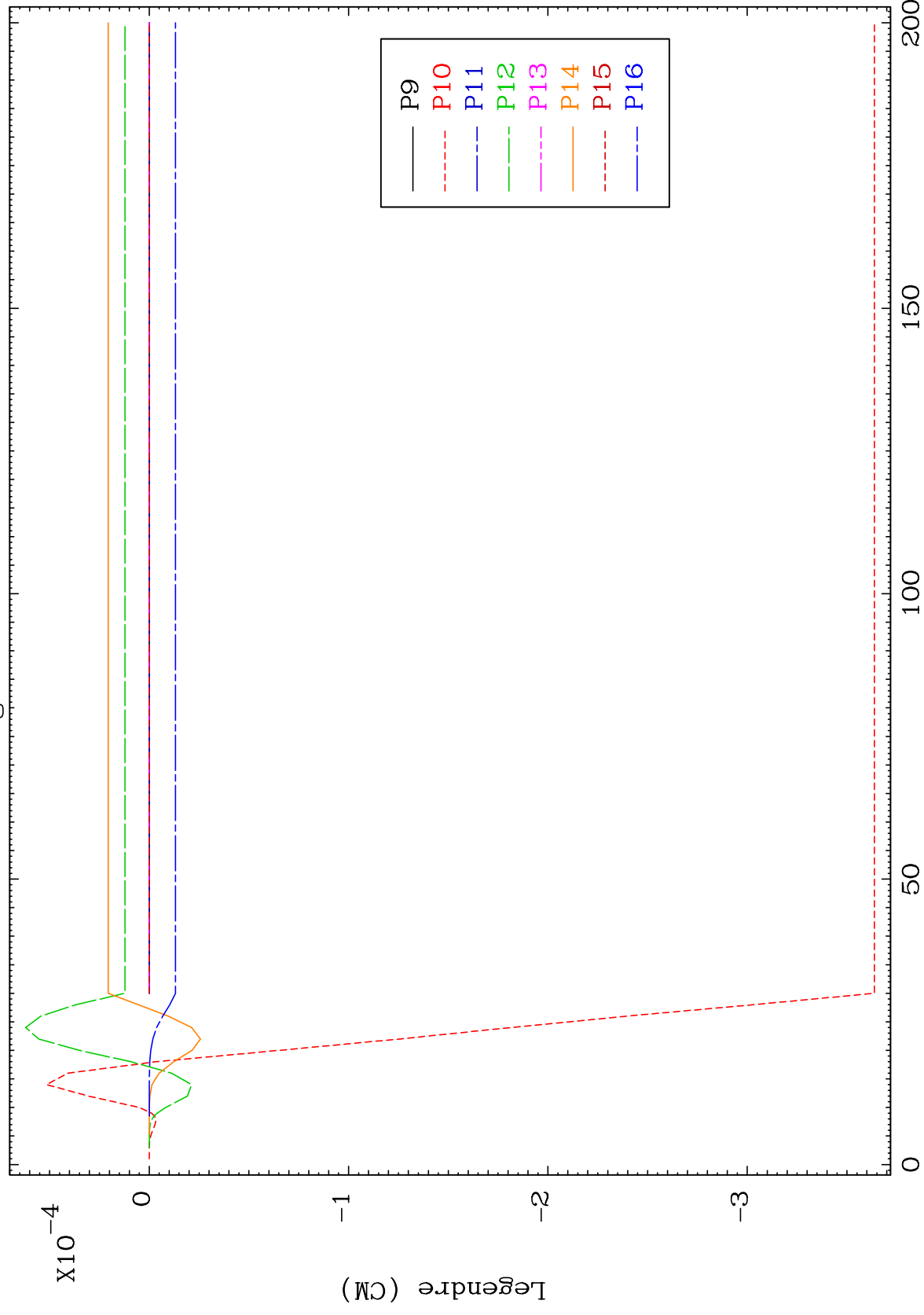
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

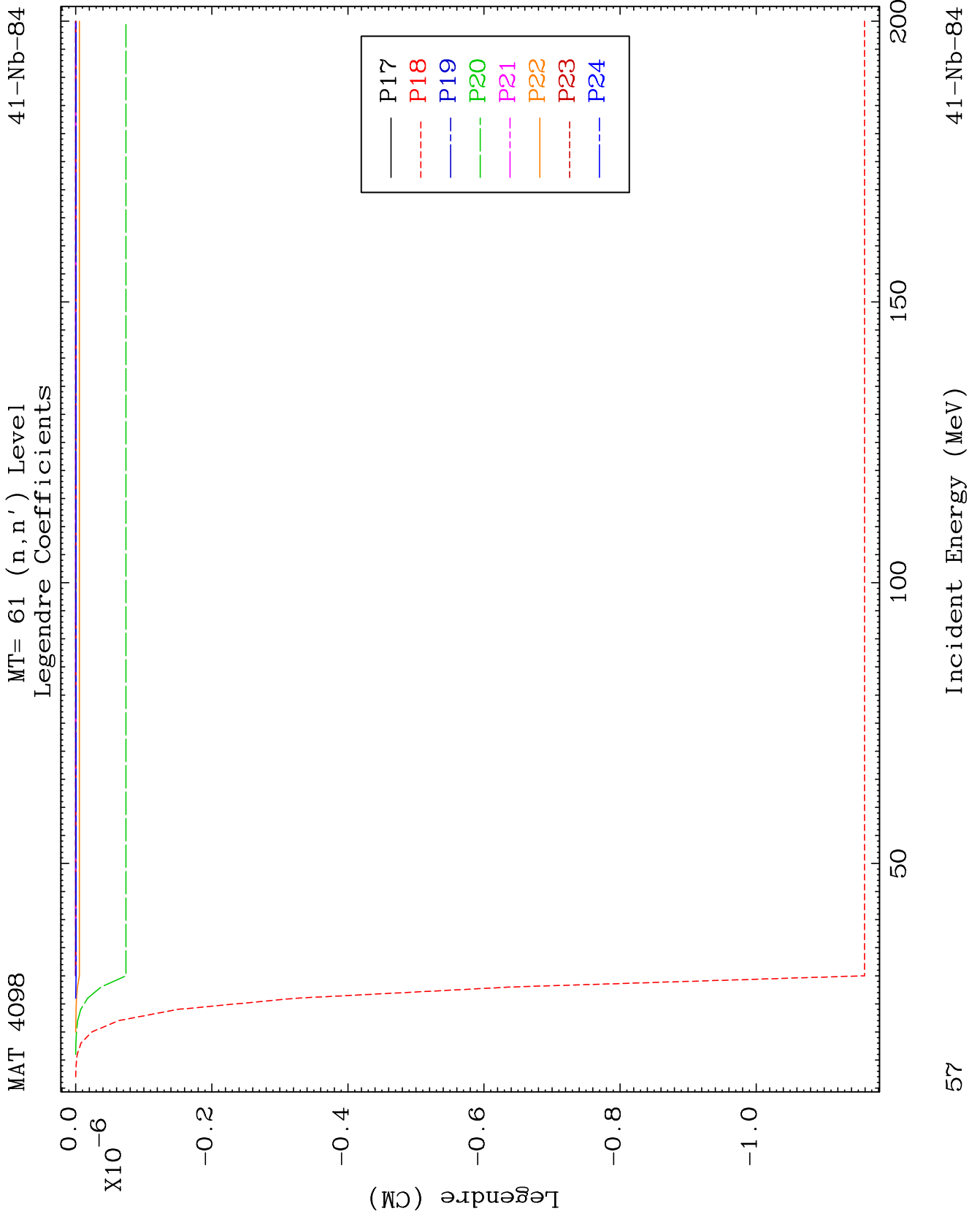
41-Nb-84

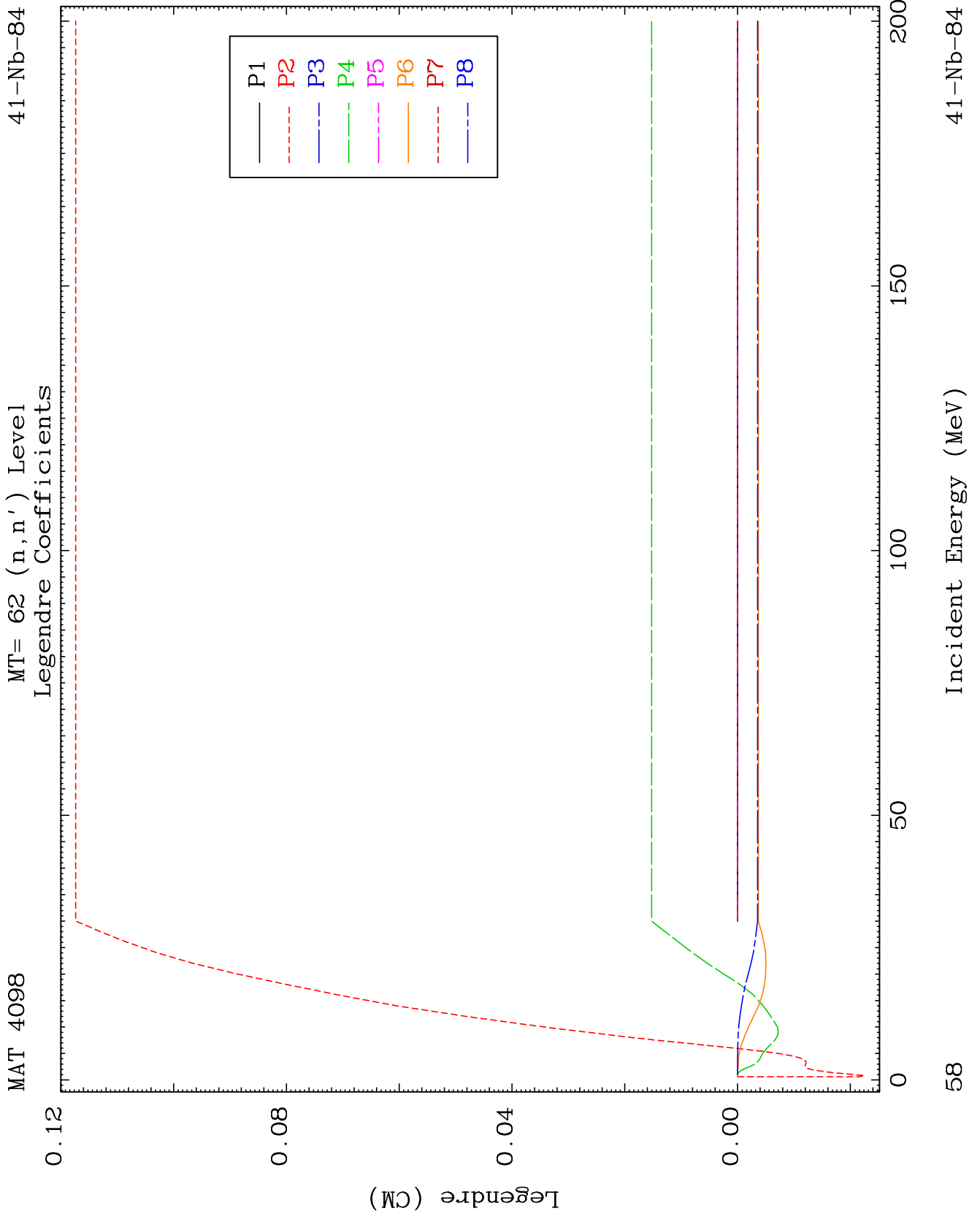


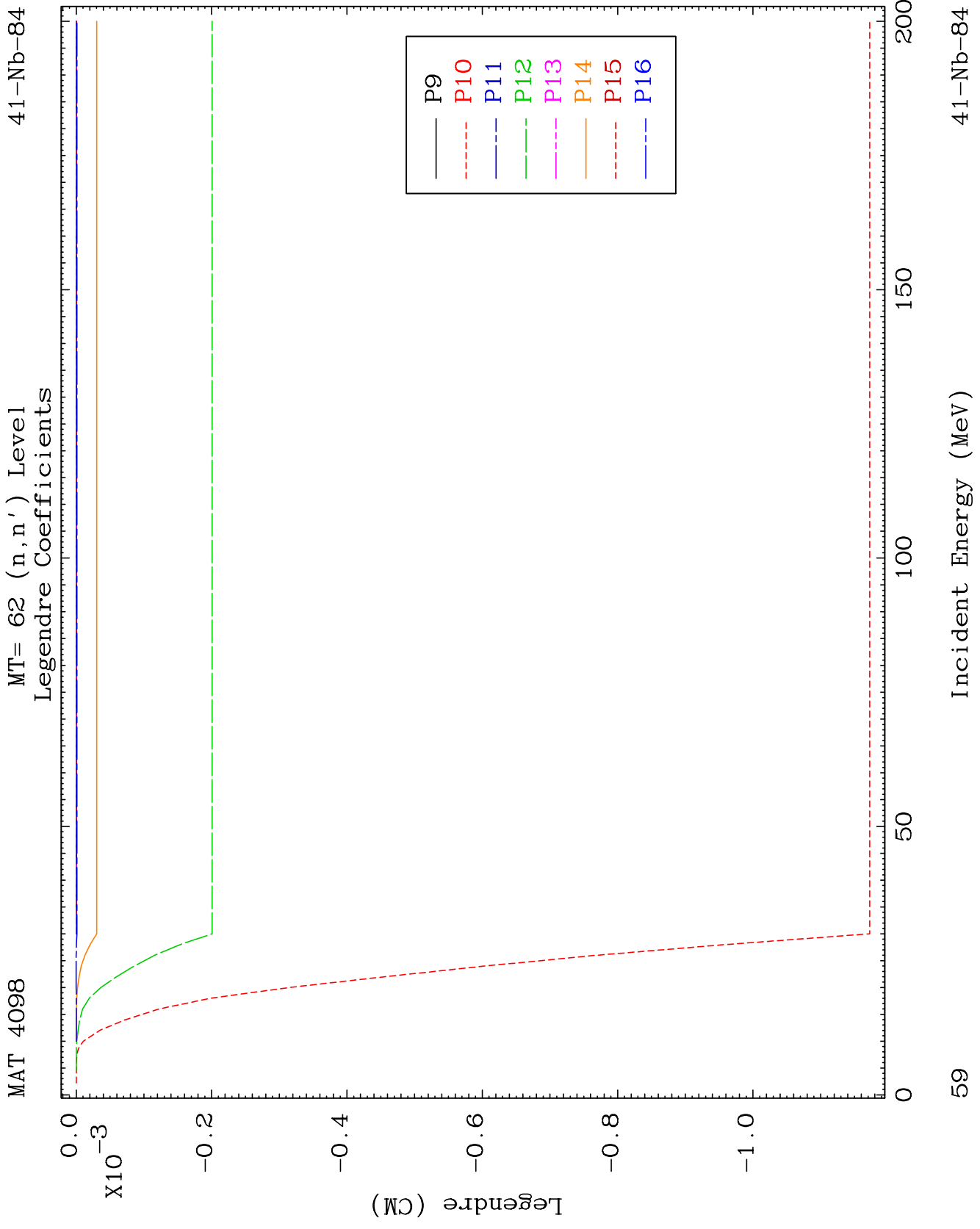
56

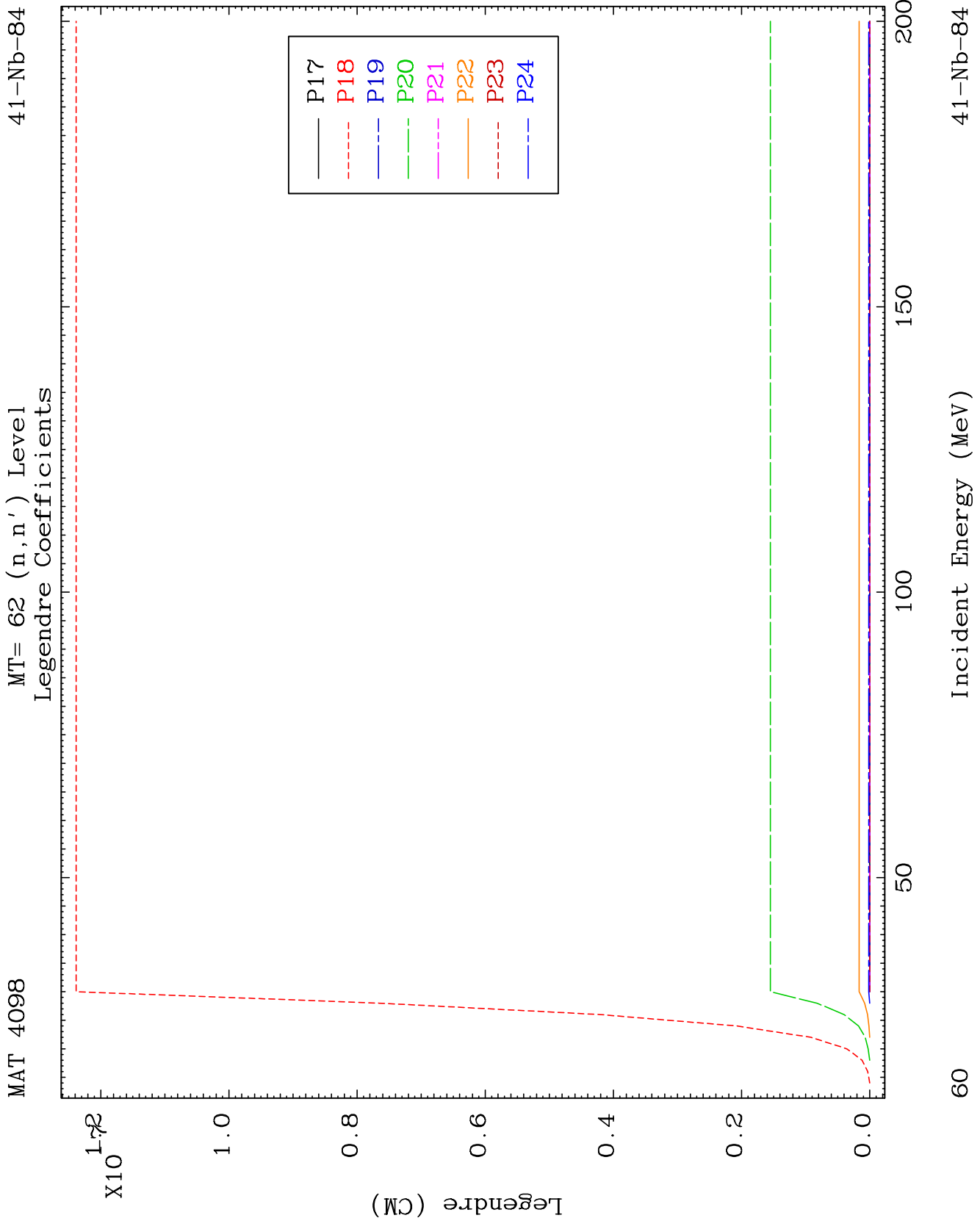
Incident Energy (MeV)

41-Nb-84





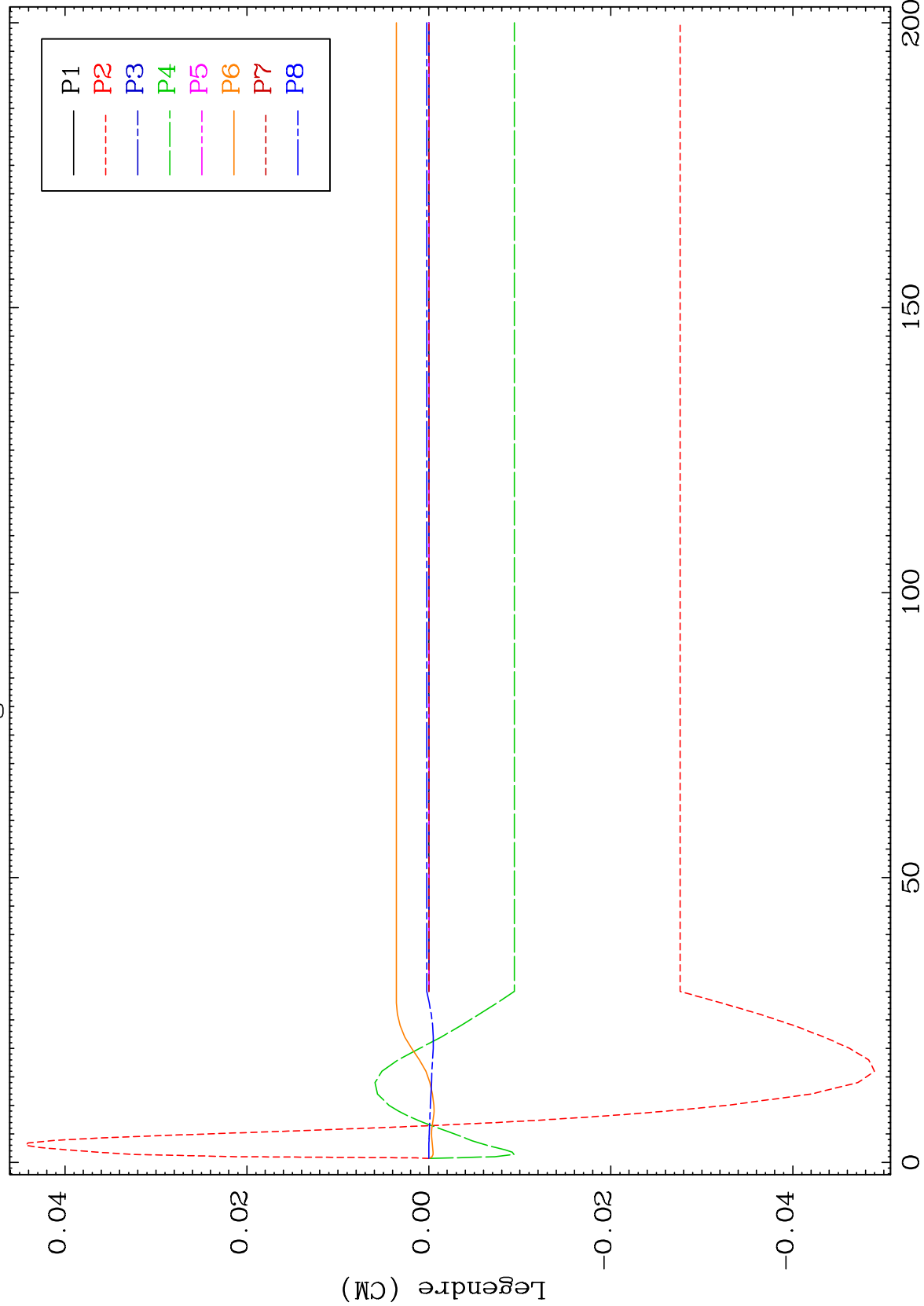




MAT 4098

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

41-Nb-84



61

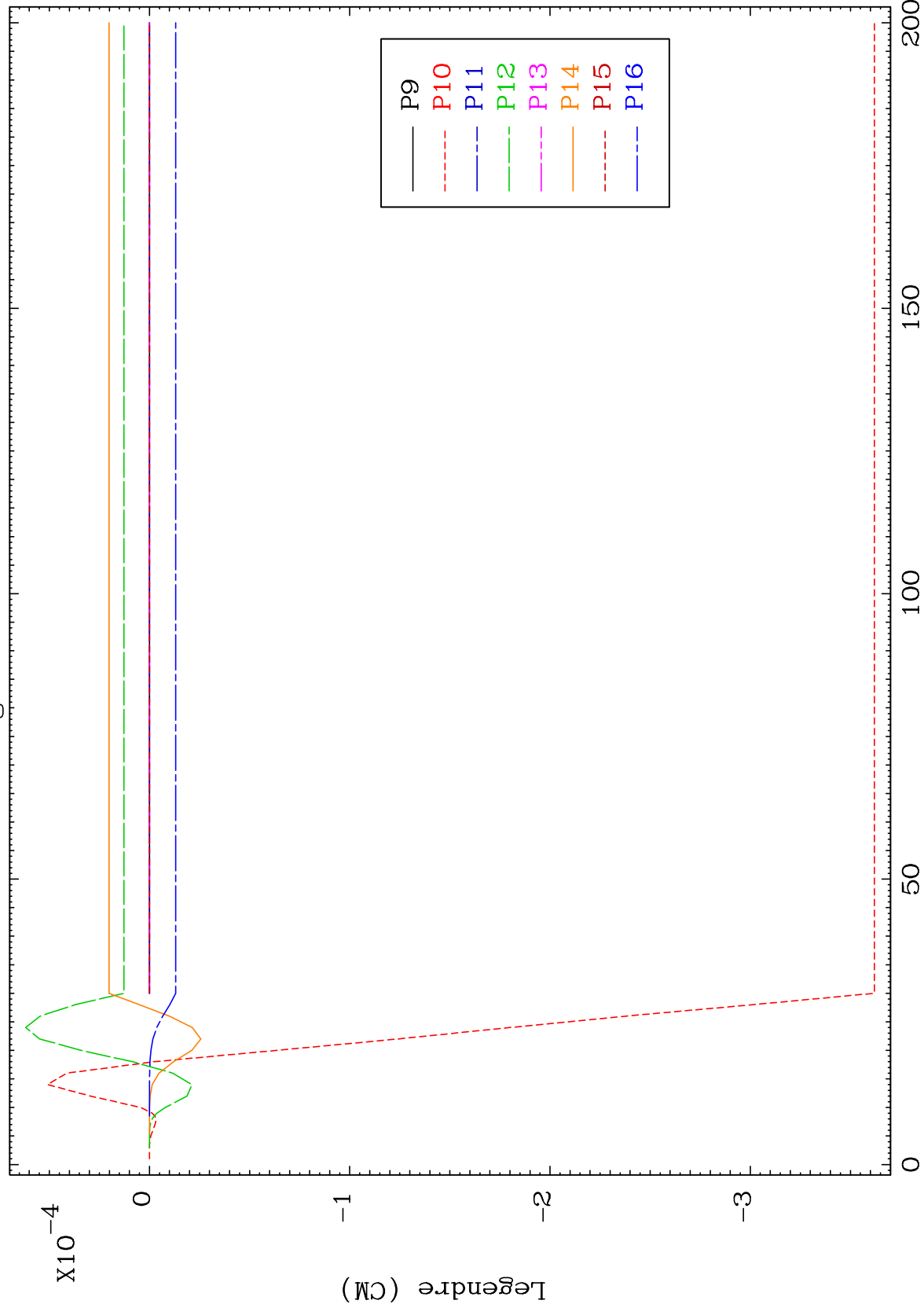
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

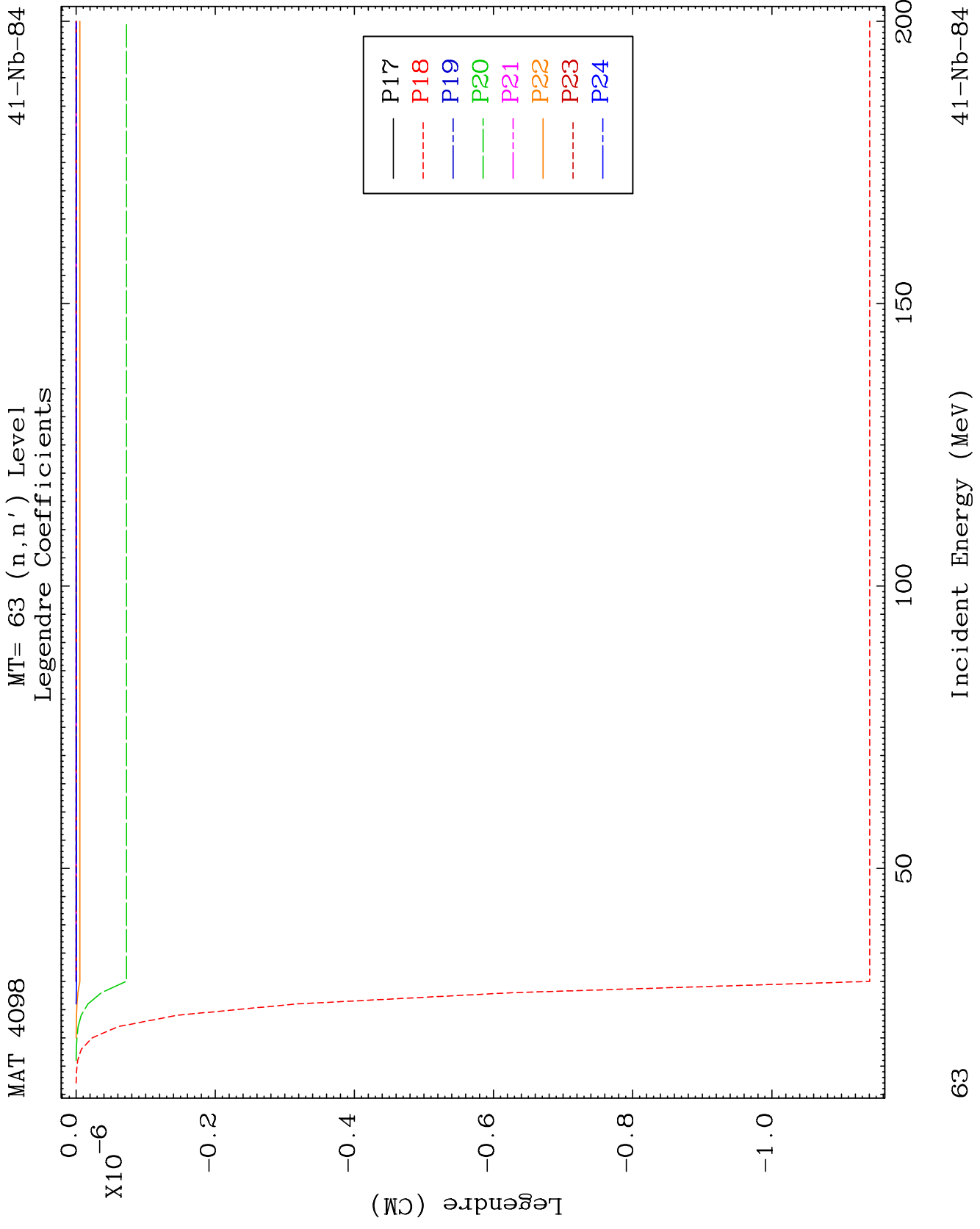
41-Nb-84



62

Incident Energy (MeV)

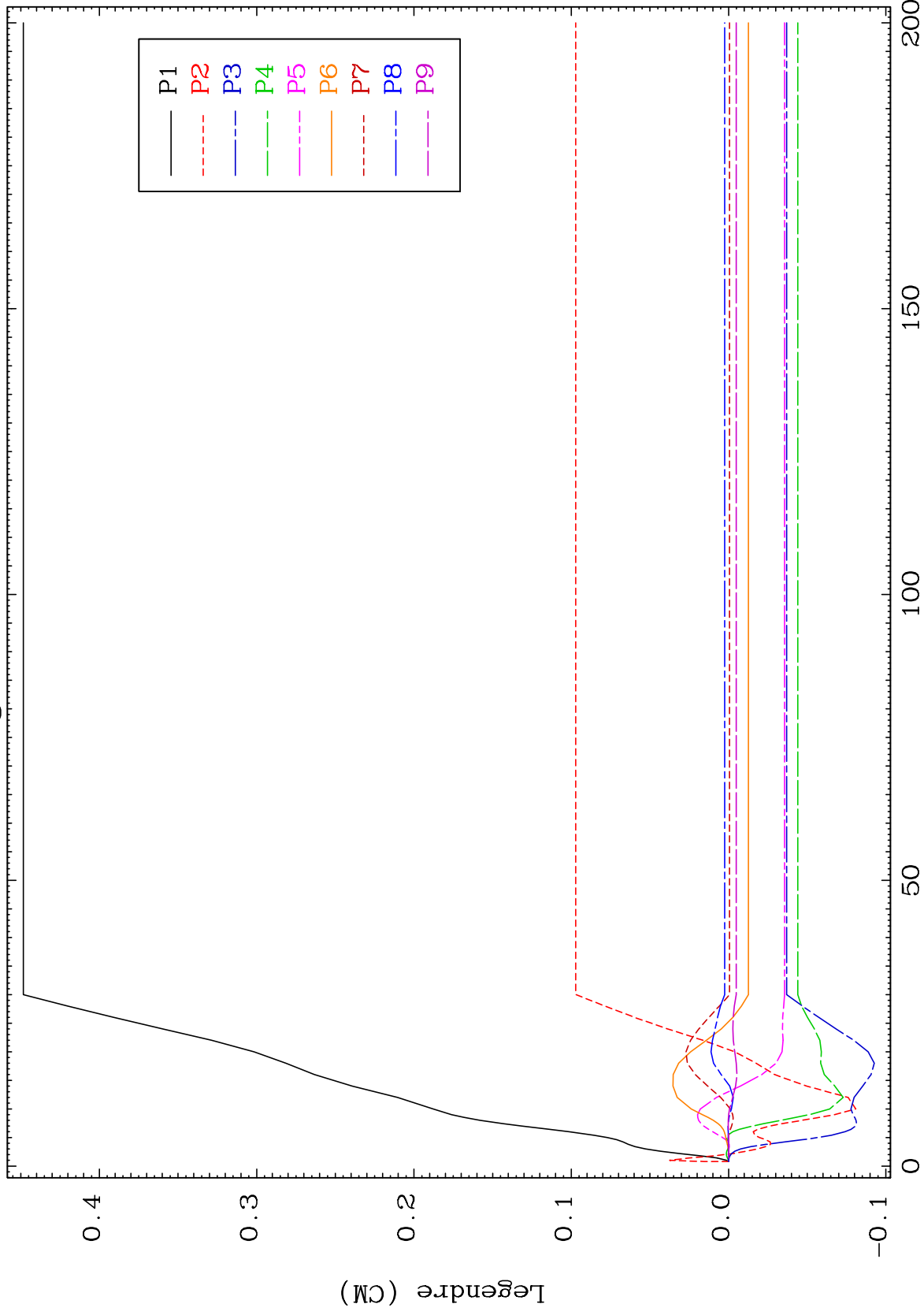
41-Nb-84



MAT 4098

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

41-Nb-84



64

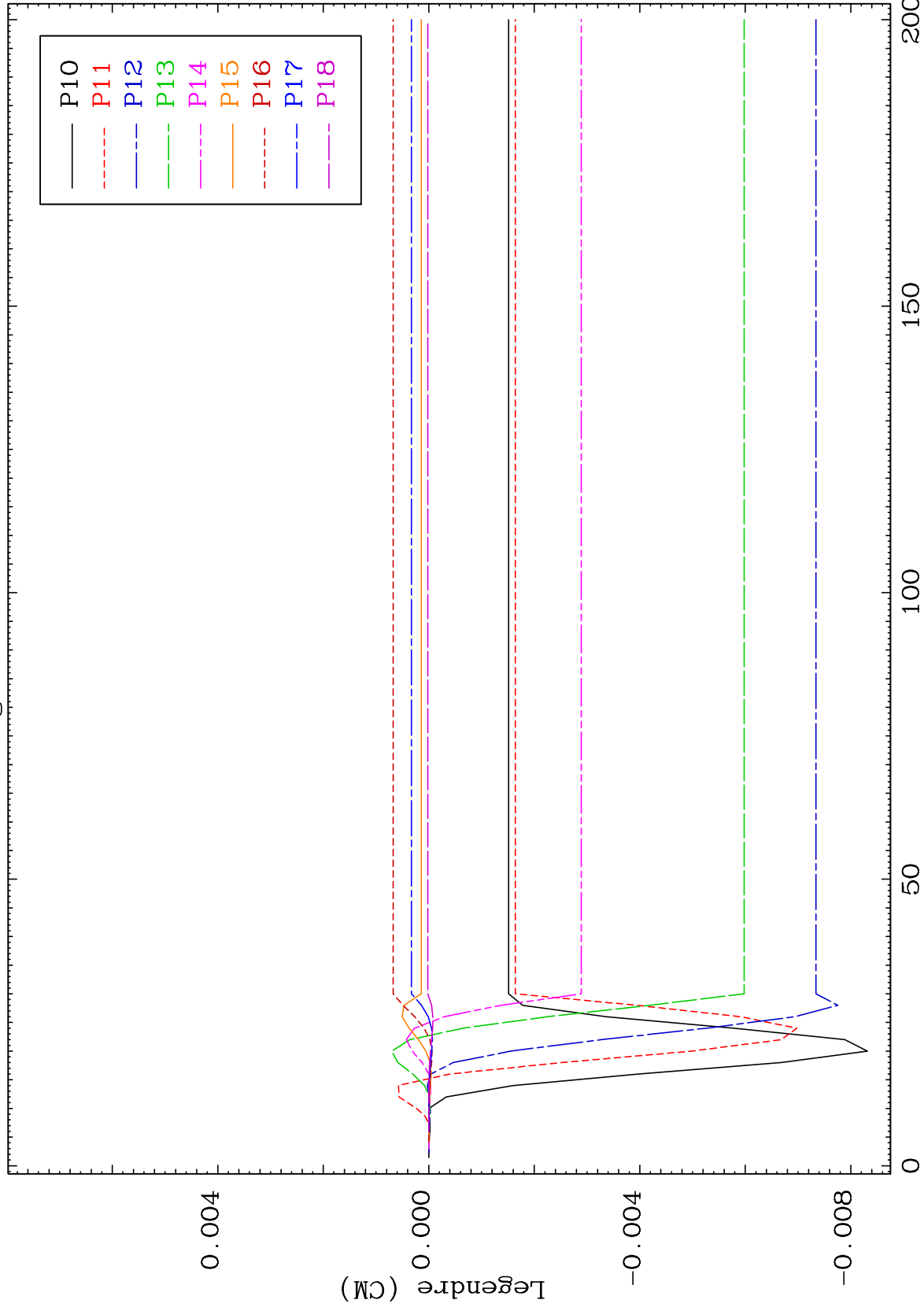
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



65

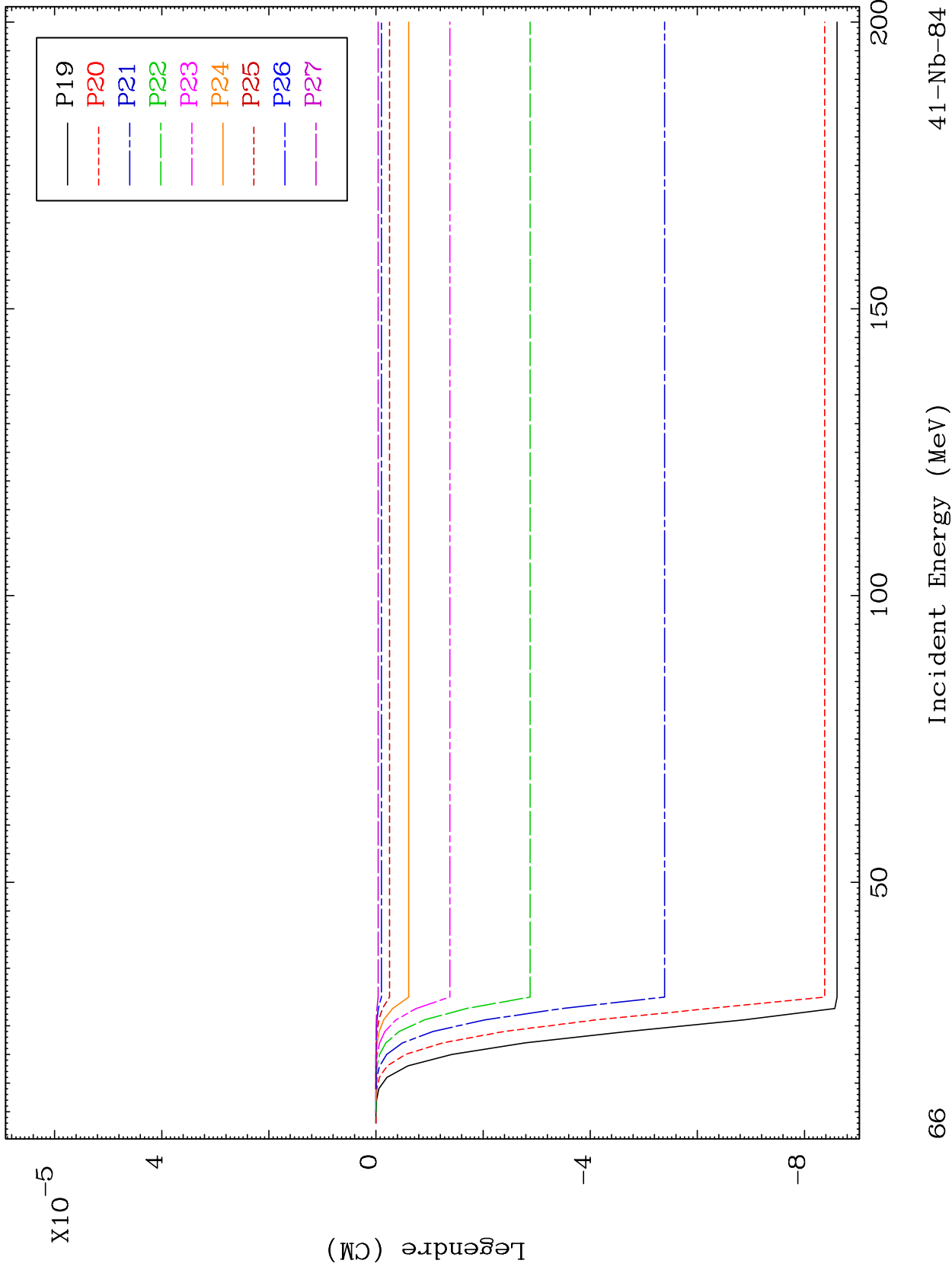
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



66

Incident Energy (MeV)

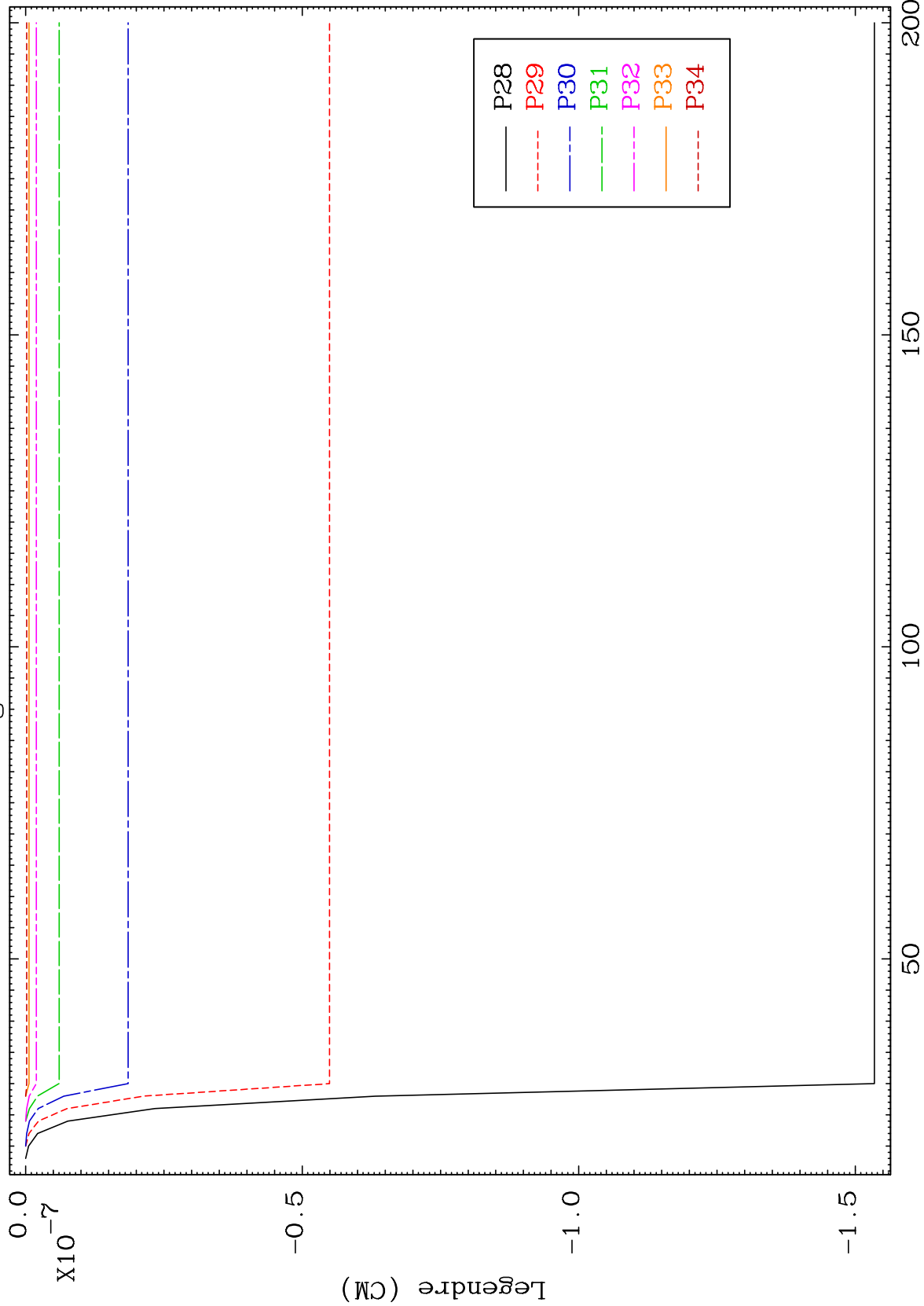
41-Nb-84

MAT 4098

MT= 64 (n,n') Level

41-Nb-84

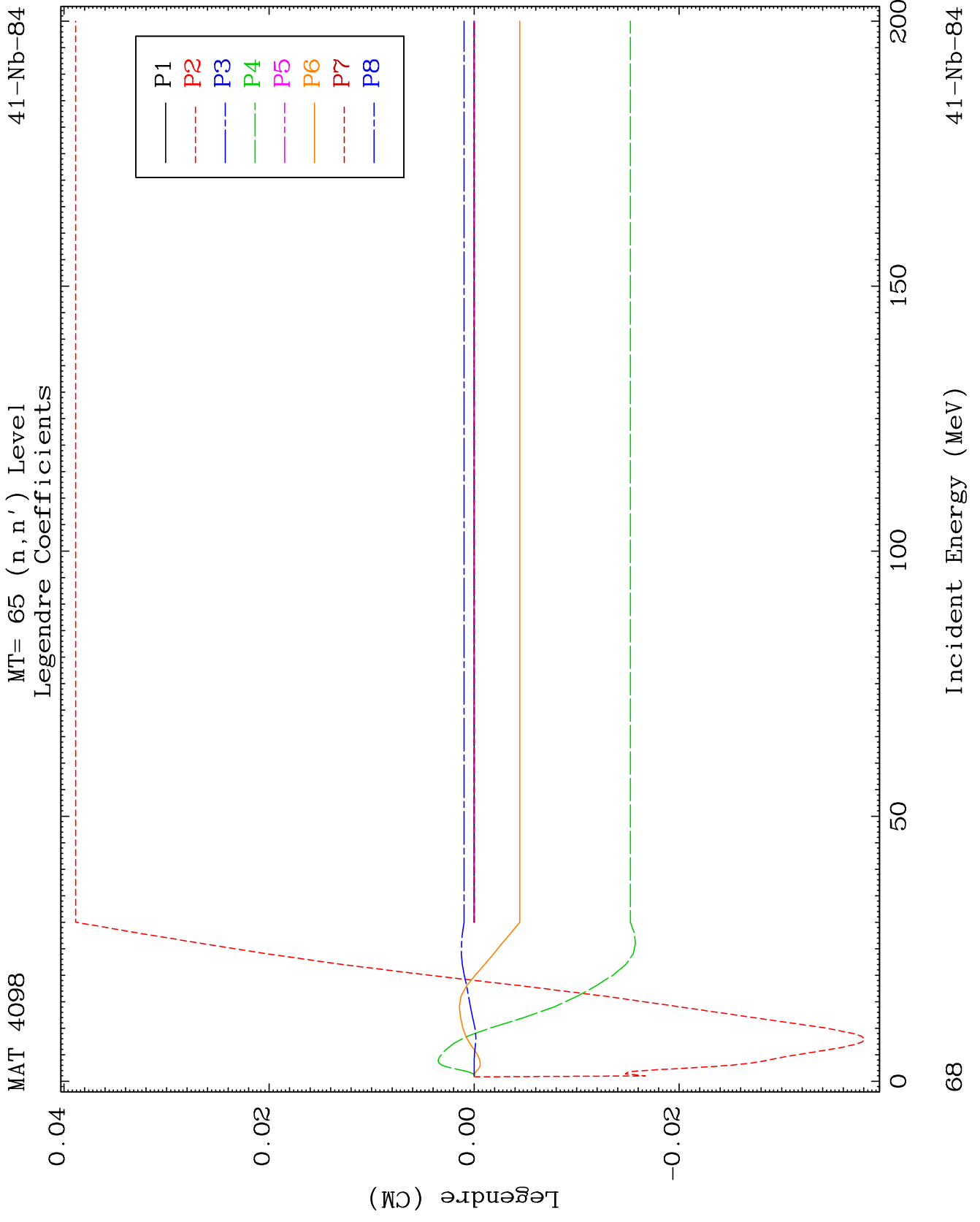
Legendre Coefficients

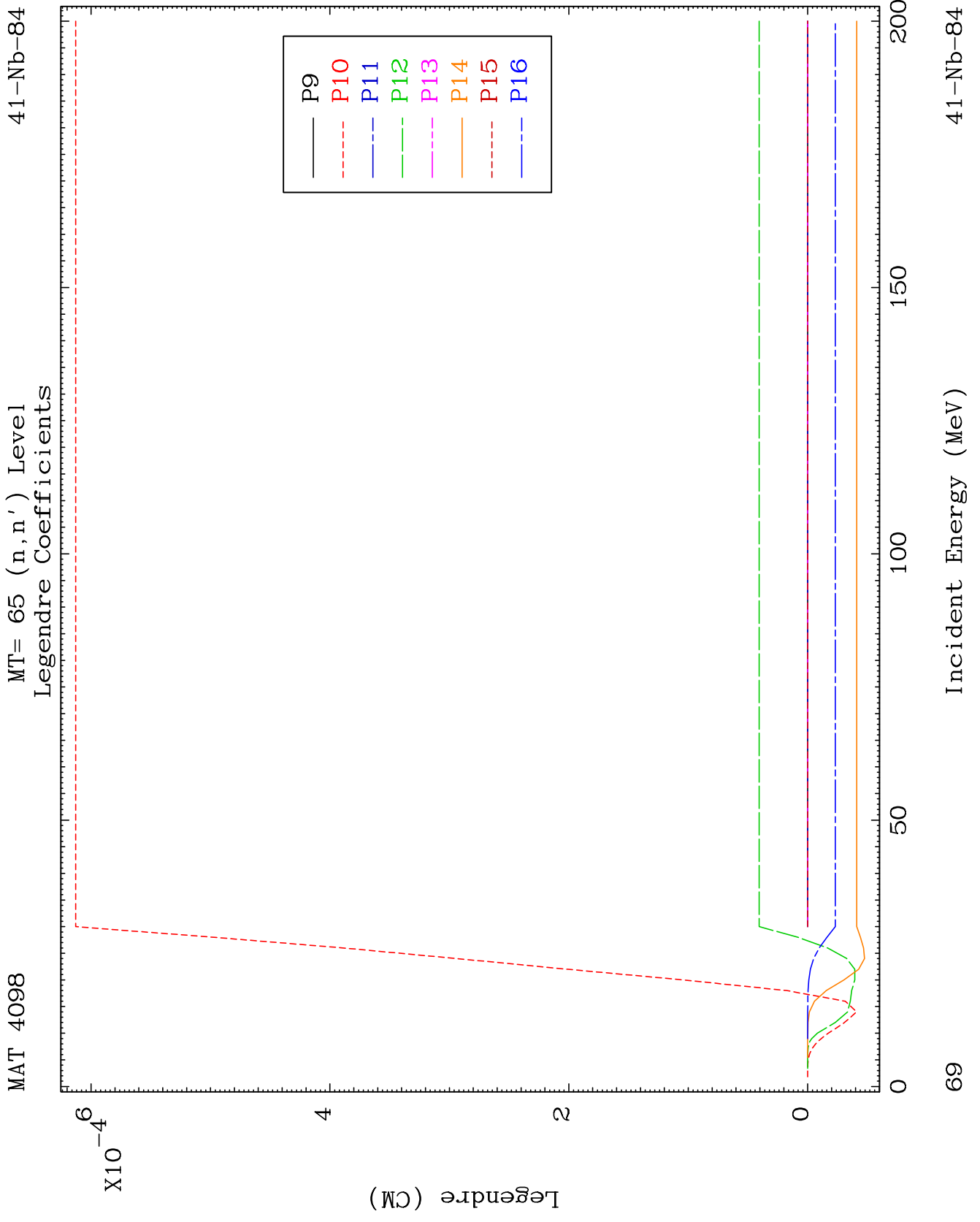


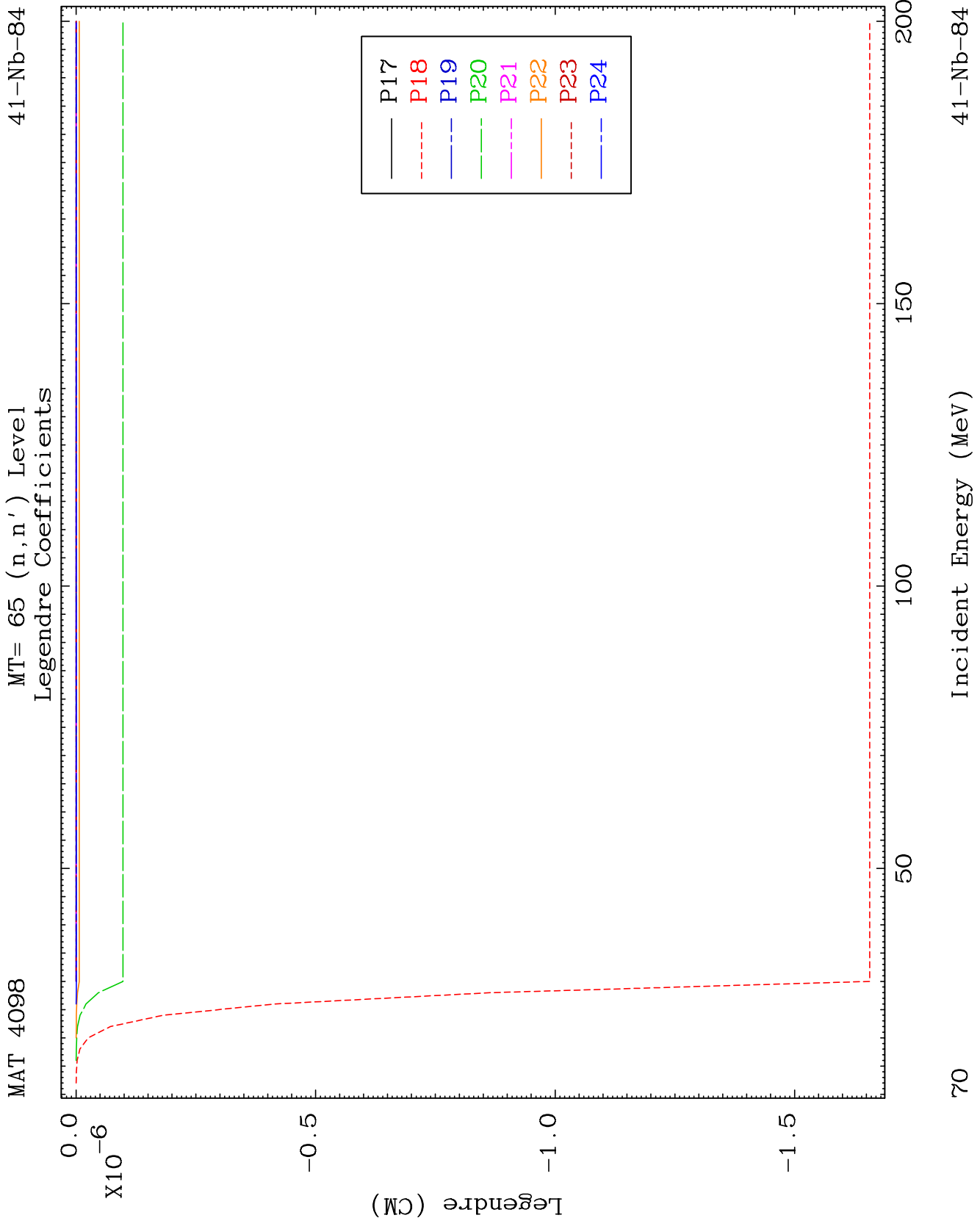
41-Nb-84

Incident Energy (MeV)

67



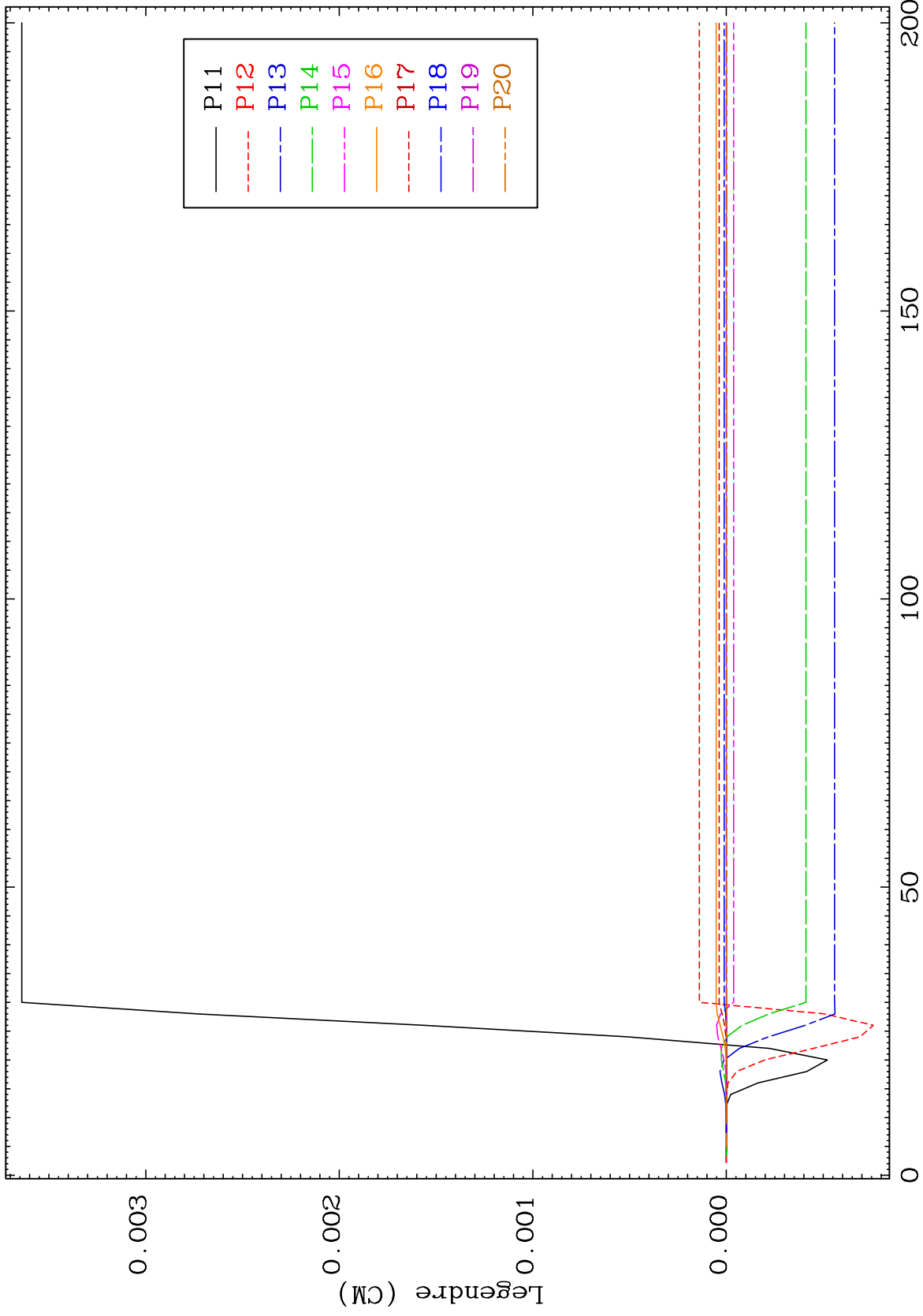




MAT 4098

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

41-Nb-84



72

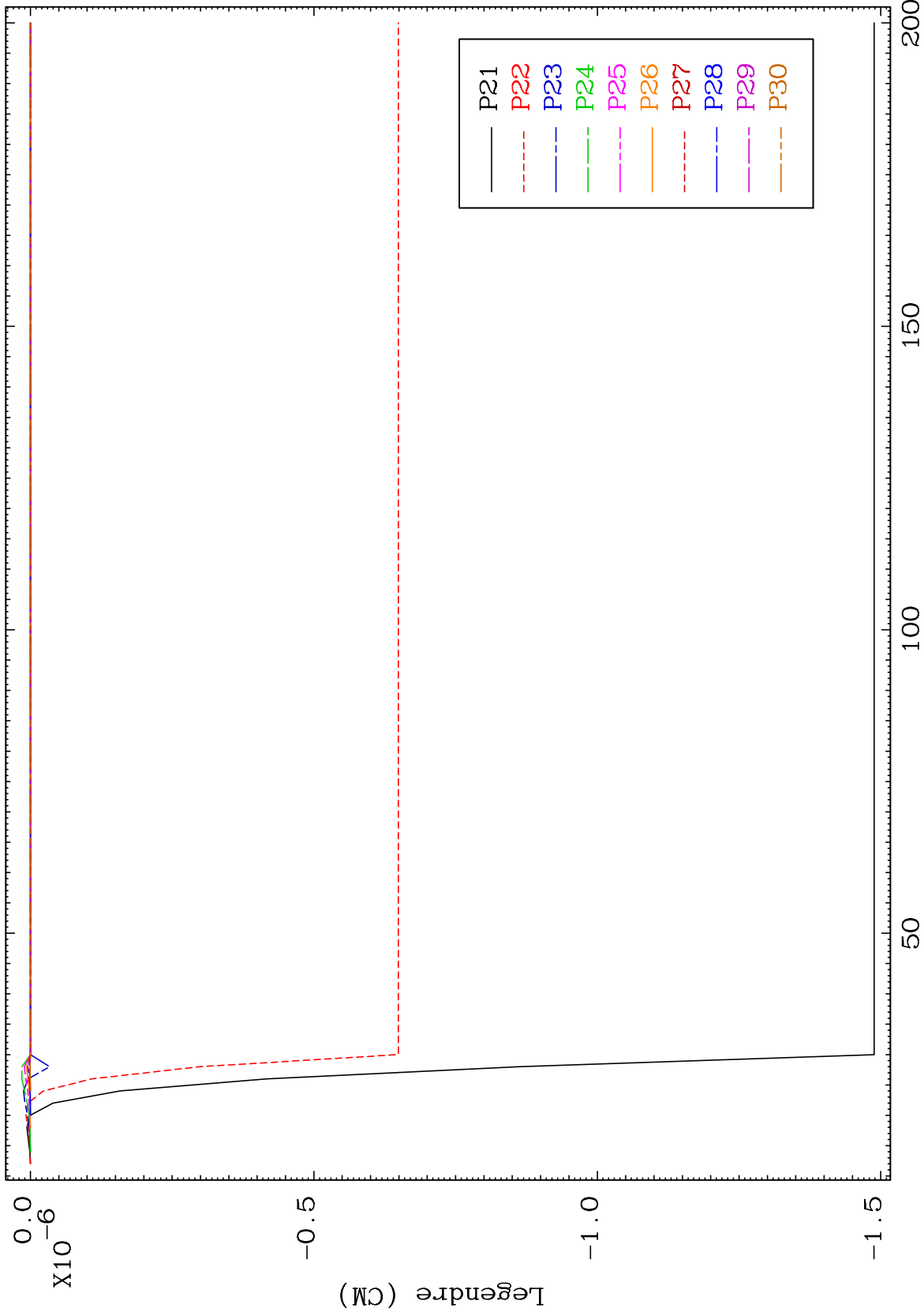
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



73

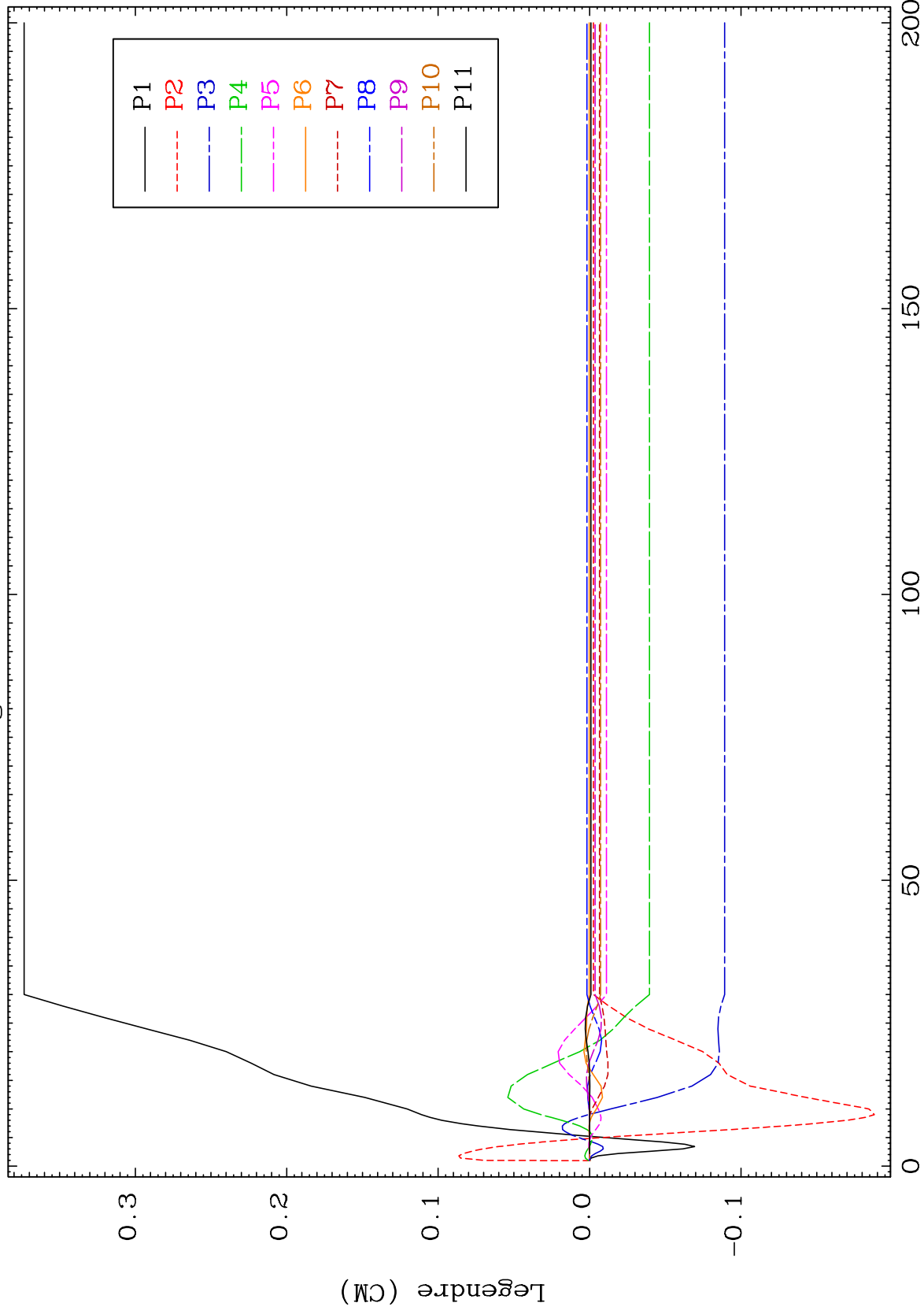
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



74

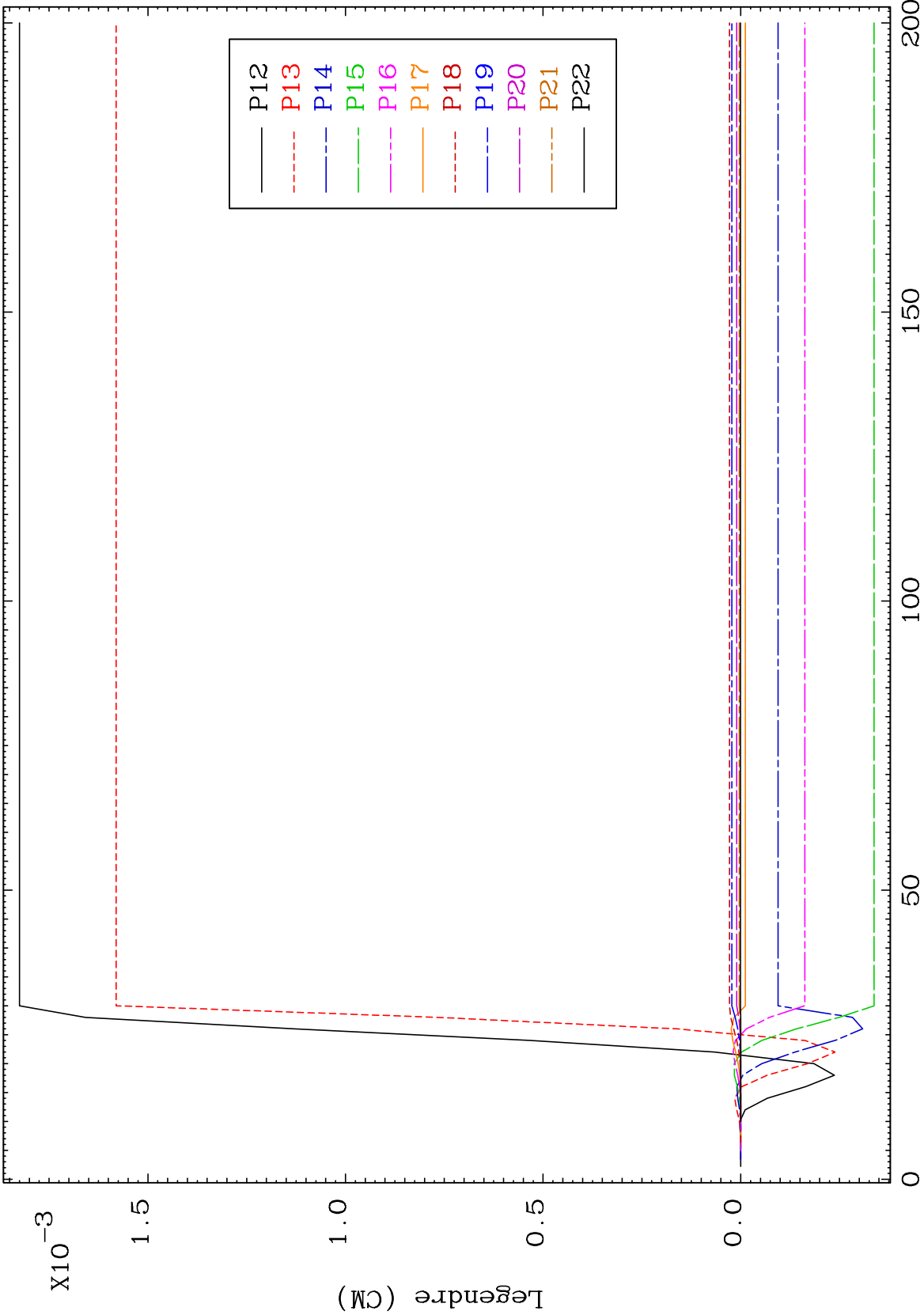
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



75

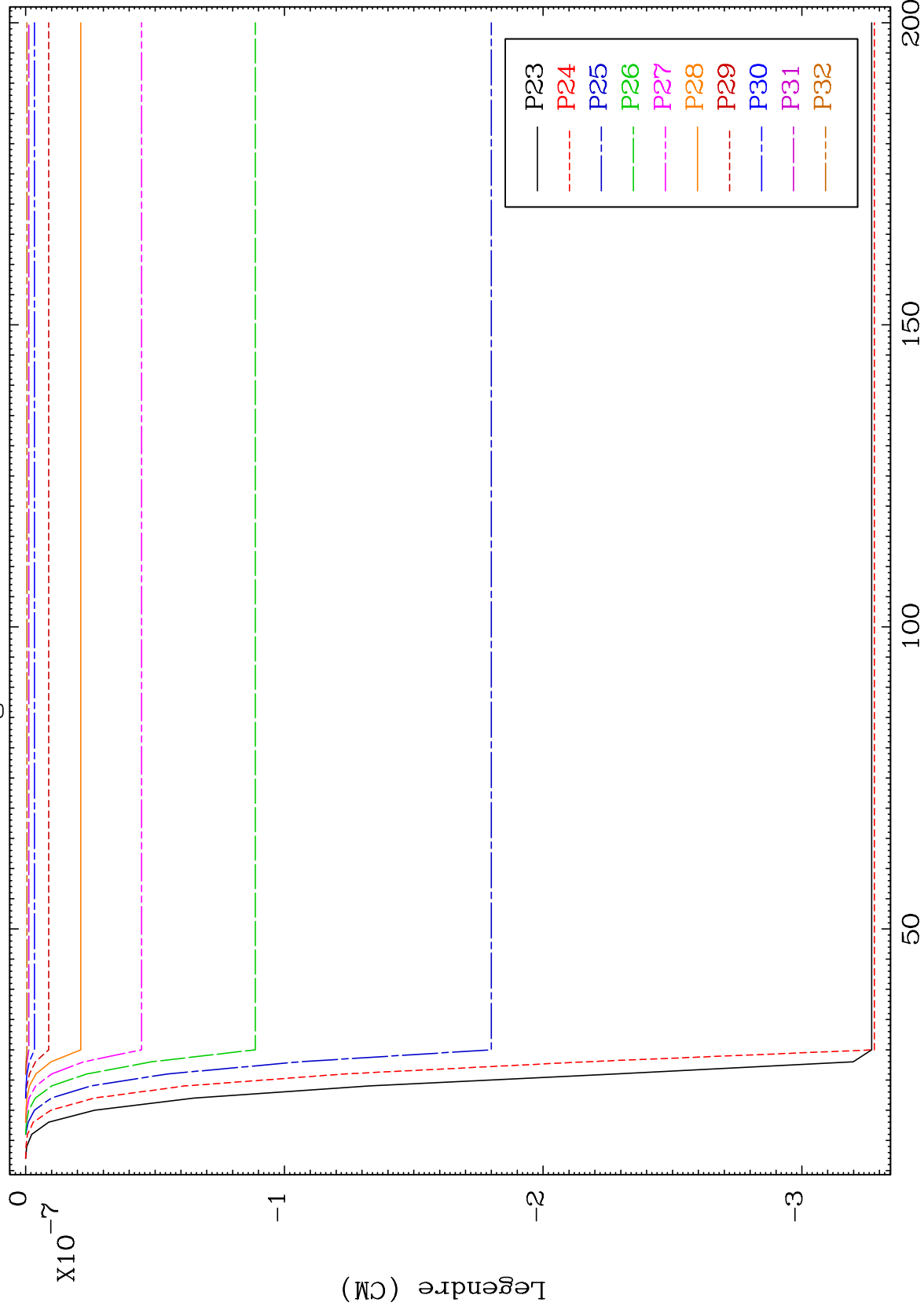
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

41-Nb-84



76

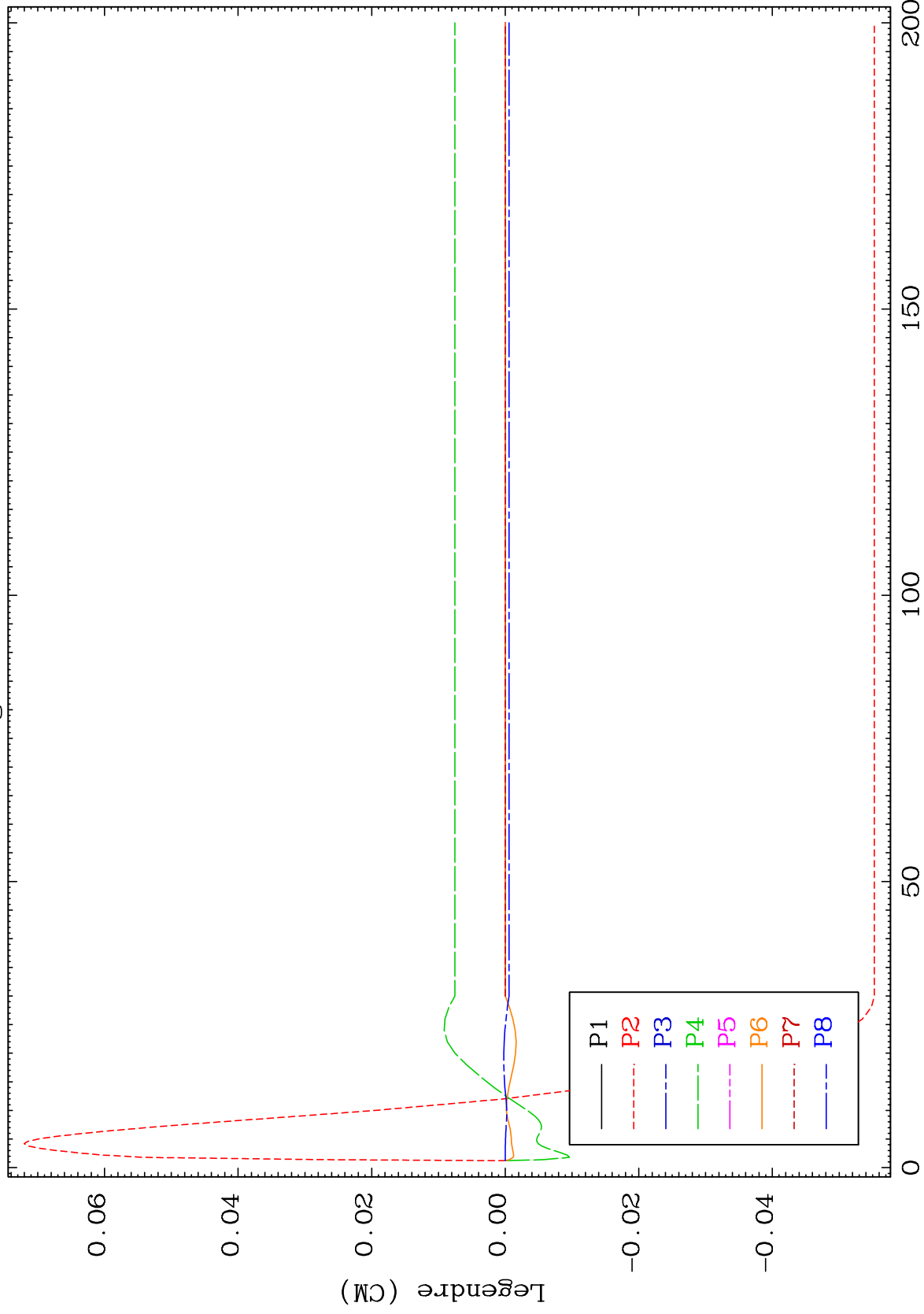
Incident Energy (MeV)

41-Nb-84

MAT 4098

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

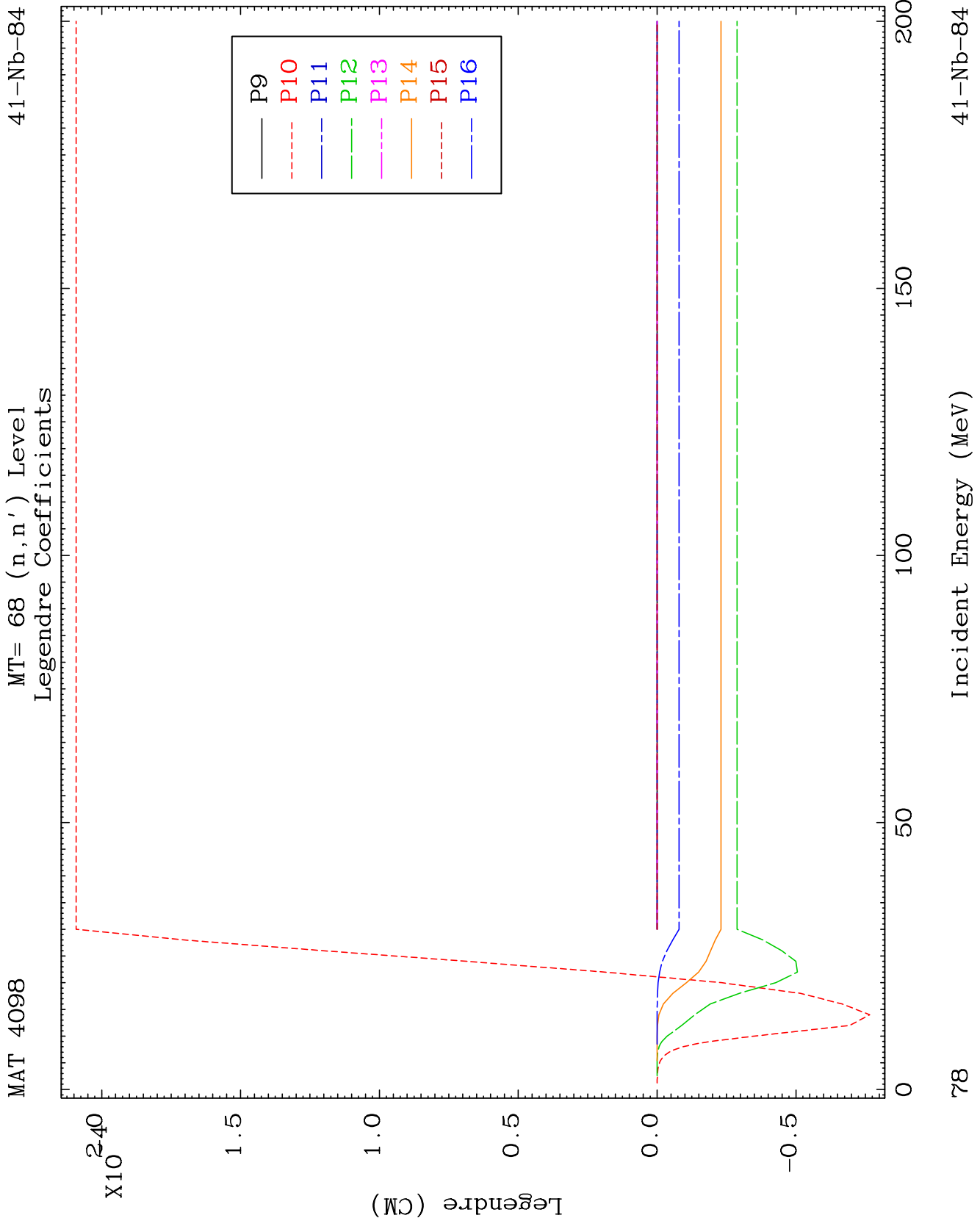
41-Nb-84



77

Incident Energy (MeV)

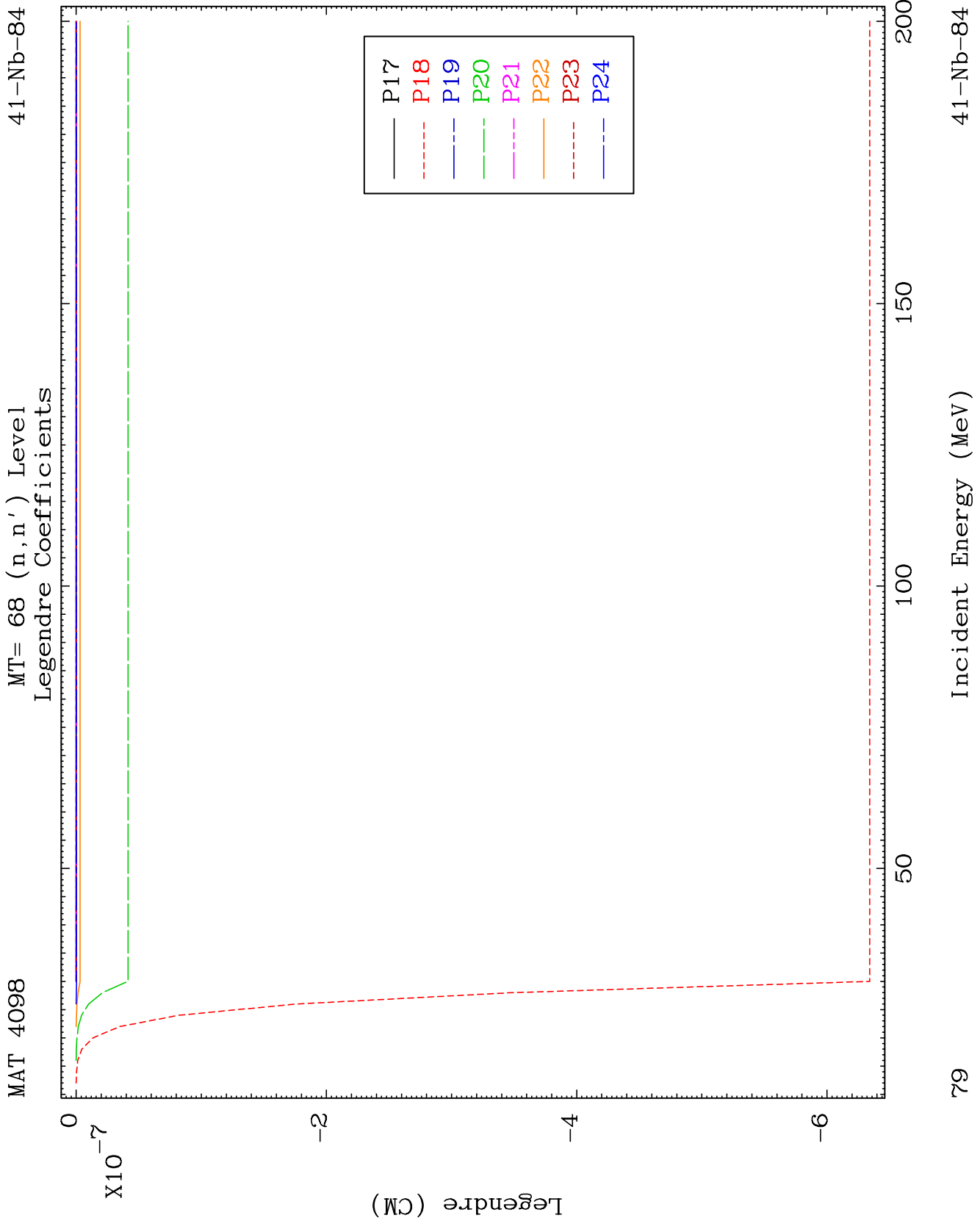
41-Nb-84

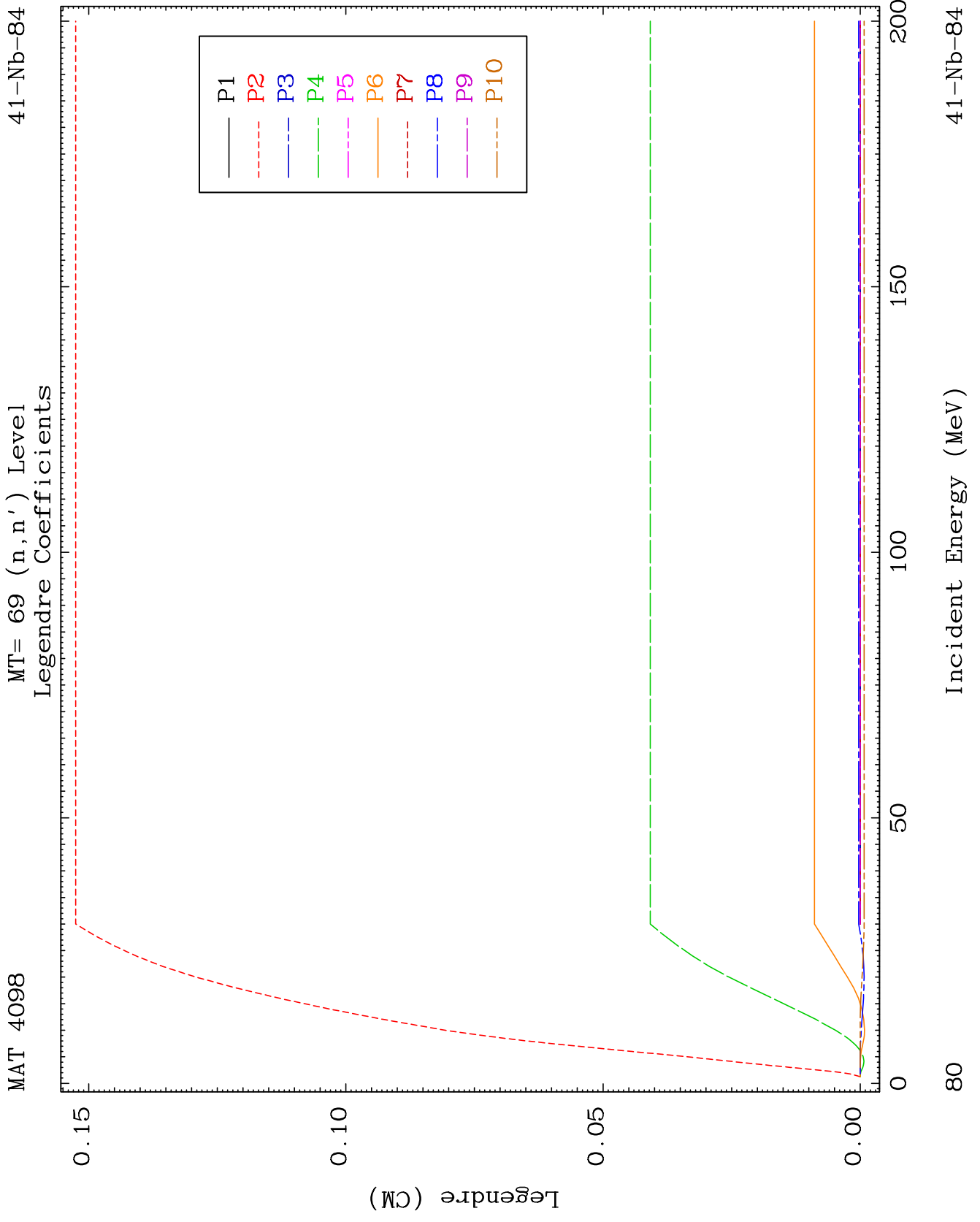


41-Nb-84

Incident Energy (MeV)

78

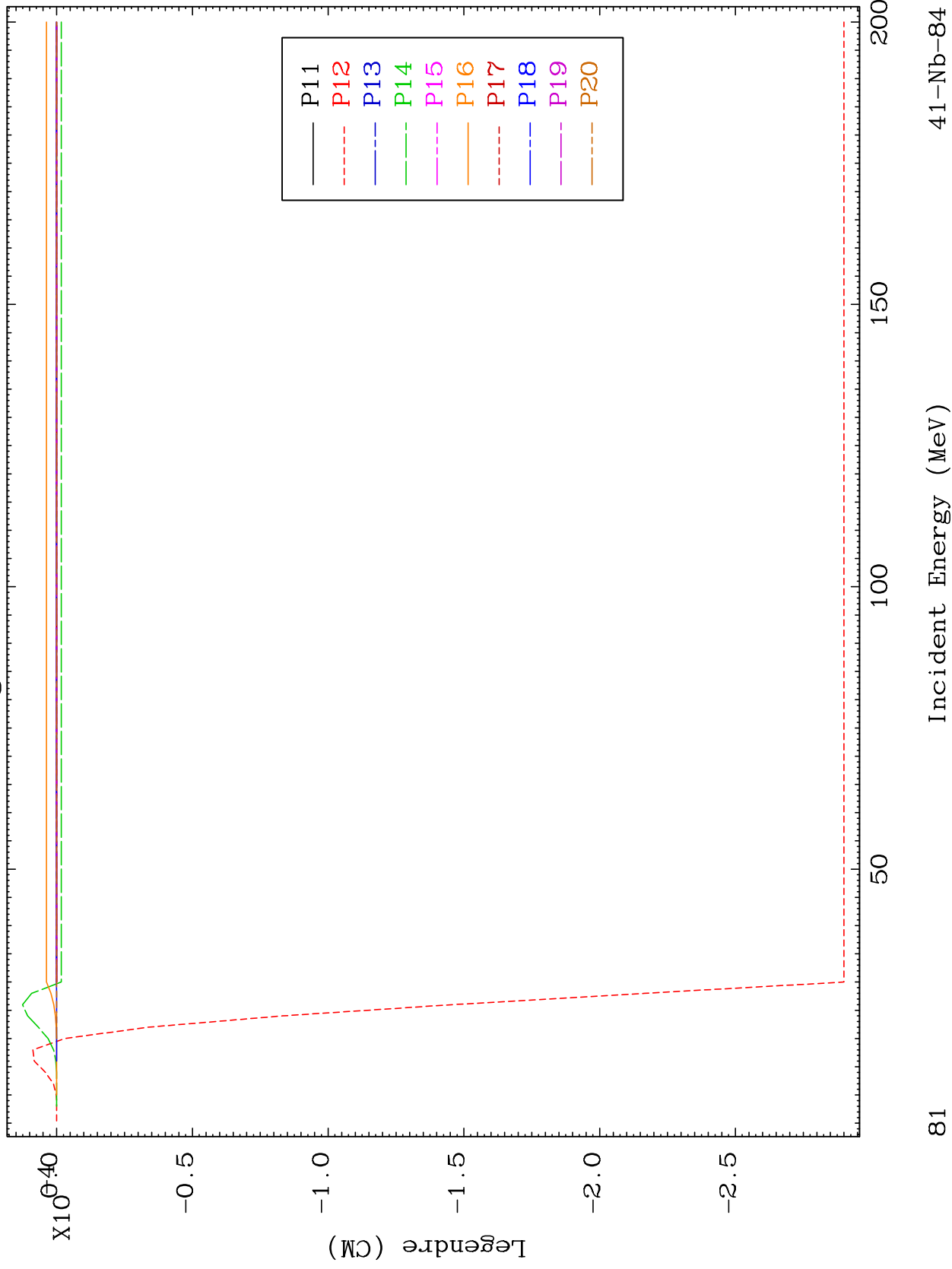




MAT 4098

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

41-Nb-84



81

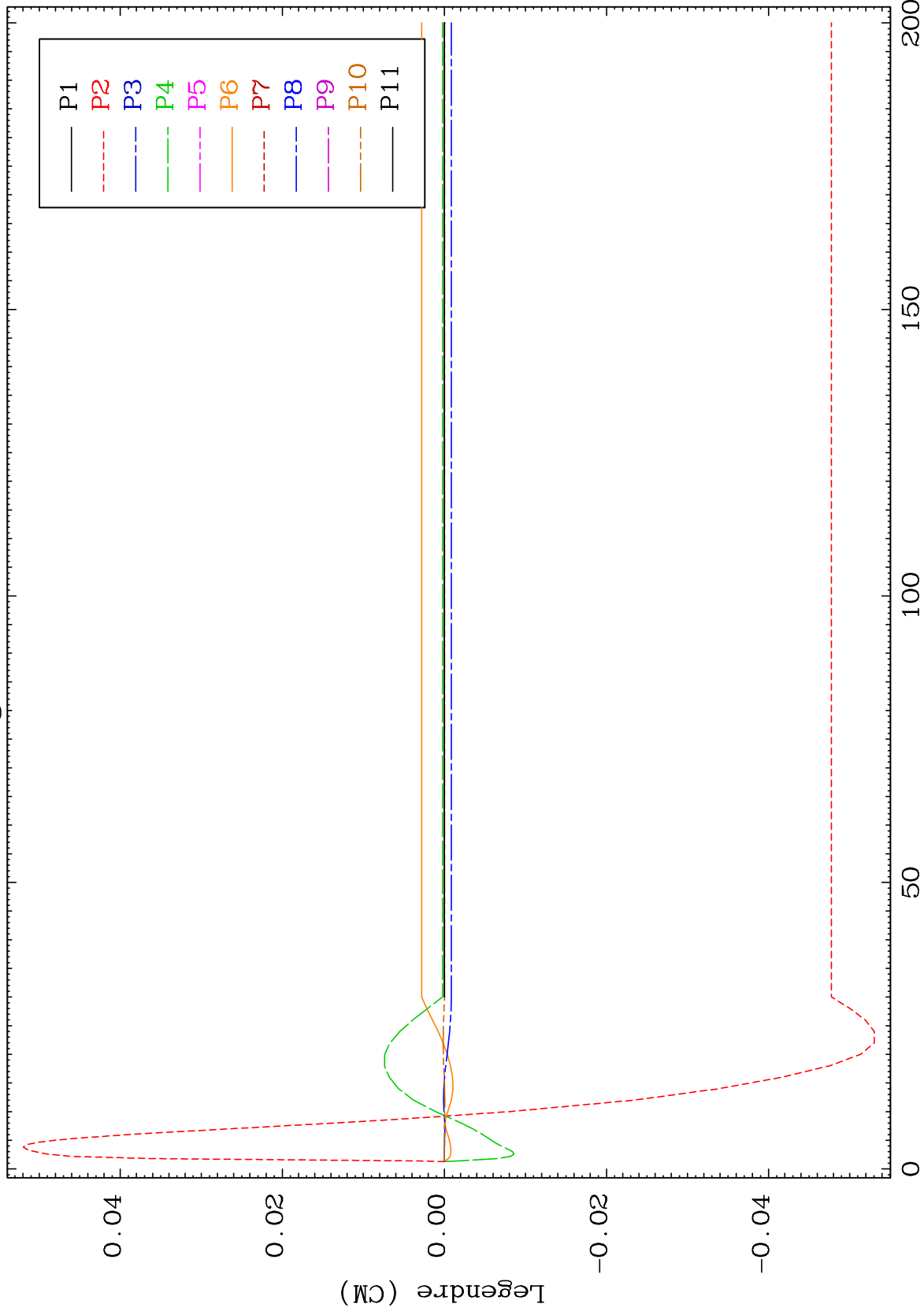
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 70 (n,n') Level
Legendre Coefficients

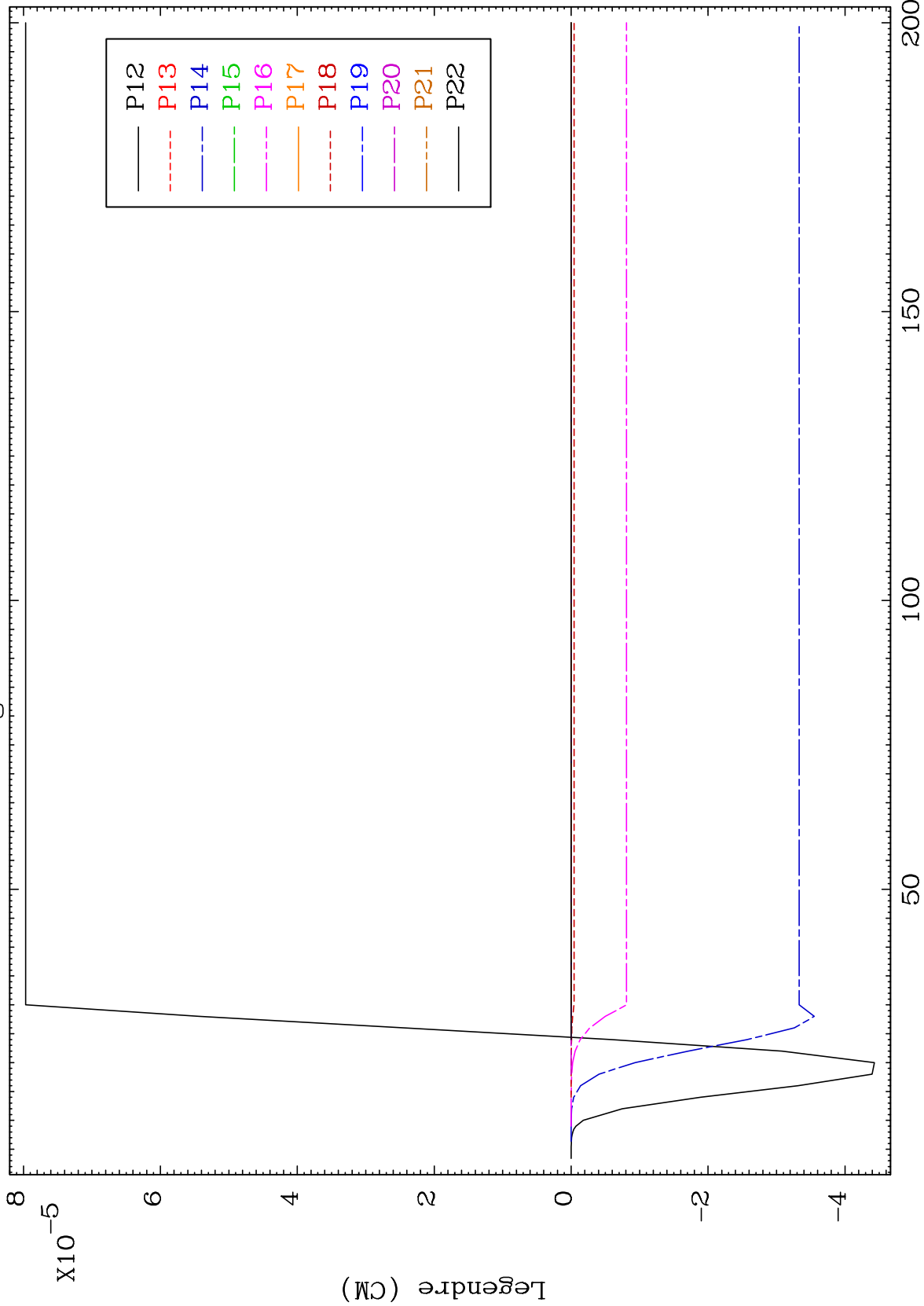
41-Nb-84



82

Incident Energy (MeV)

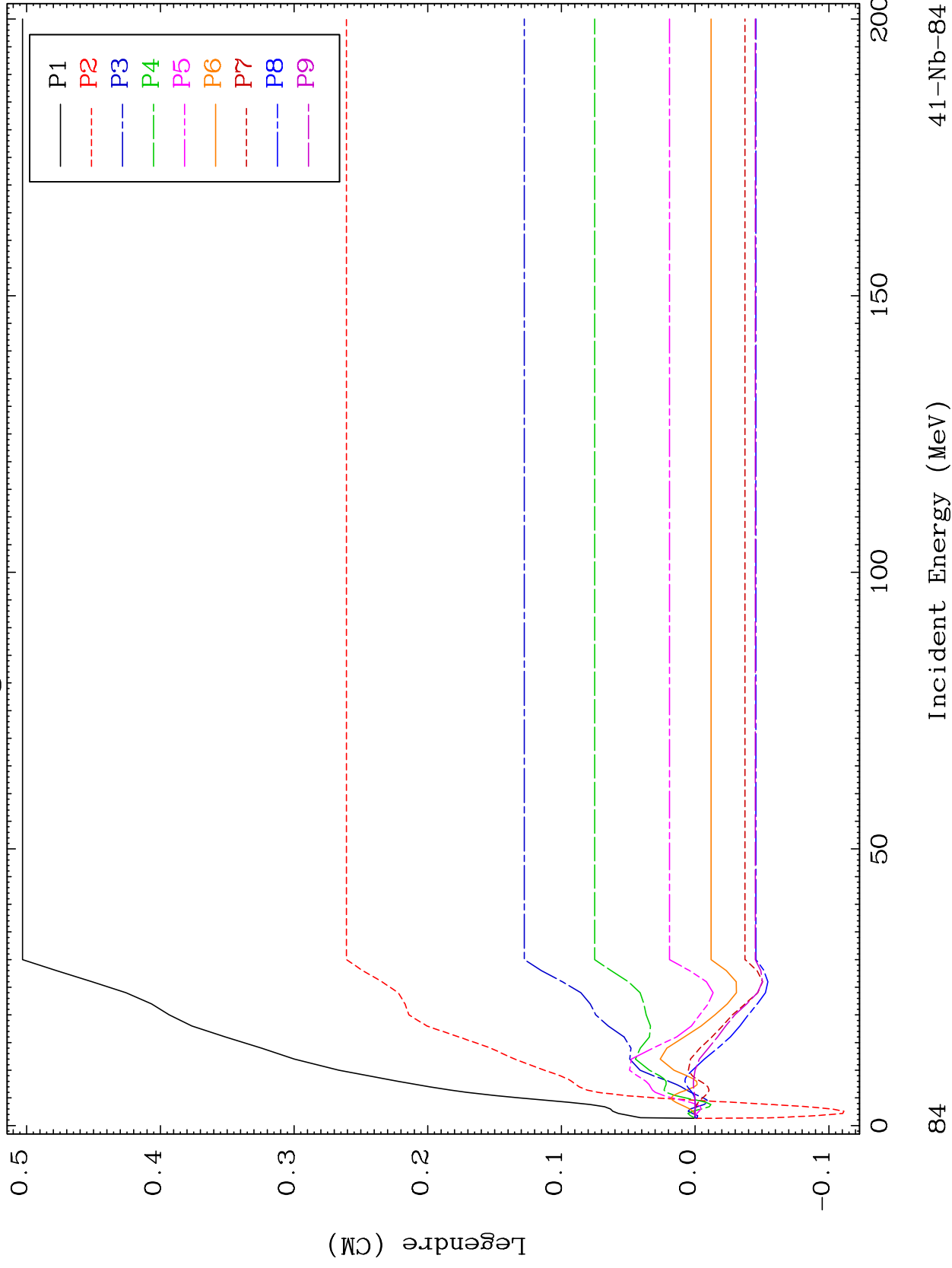
41-Nb-84



MAT 4098

MT= 71 (n,n') Level
Legendre Coefficients

41-Nb-84

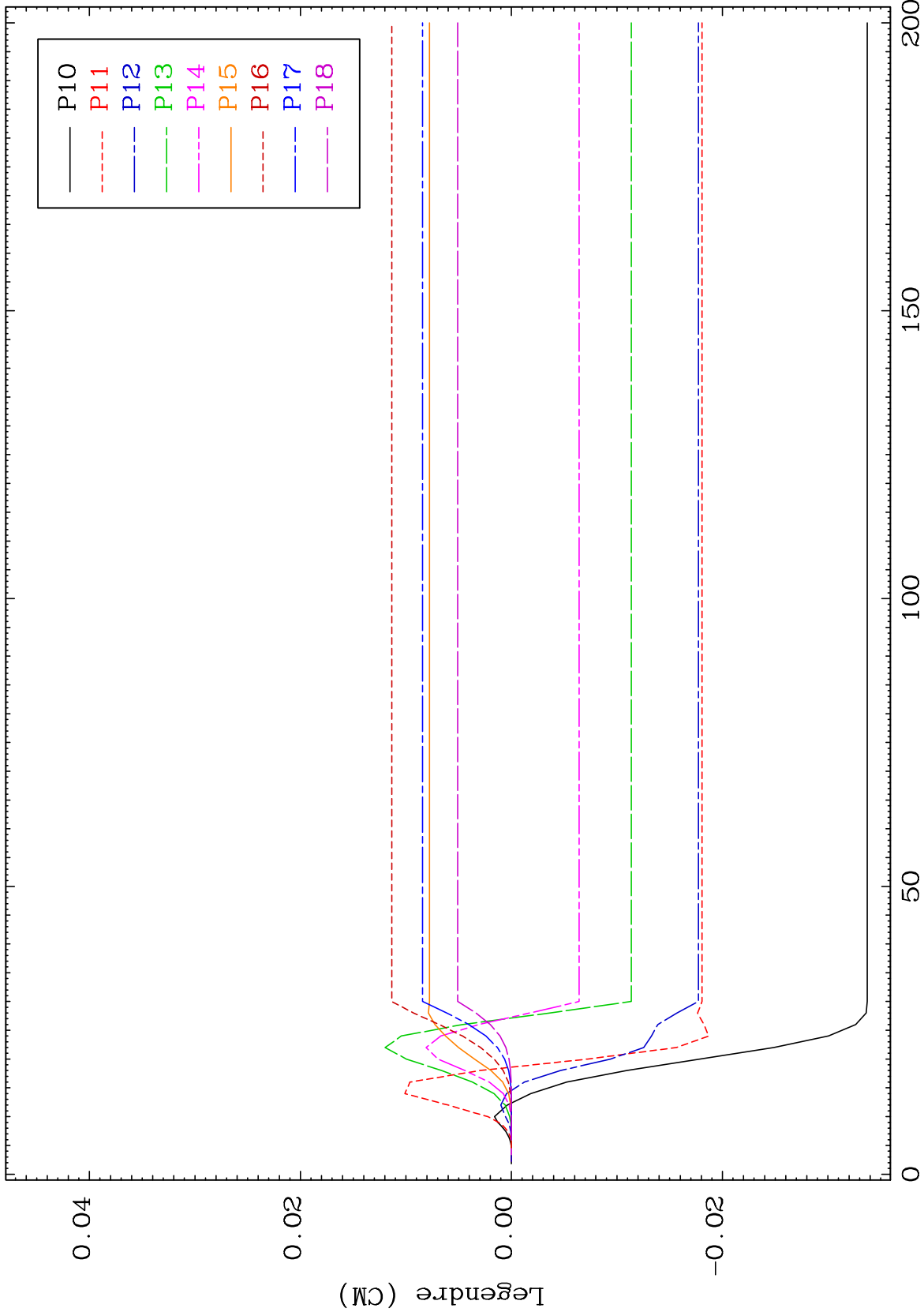


84

MAT 4098

MT= 71 (n,n') Level
Legendre Coefficients

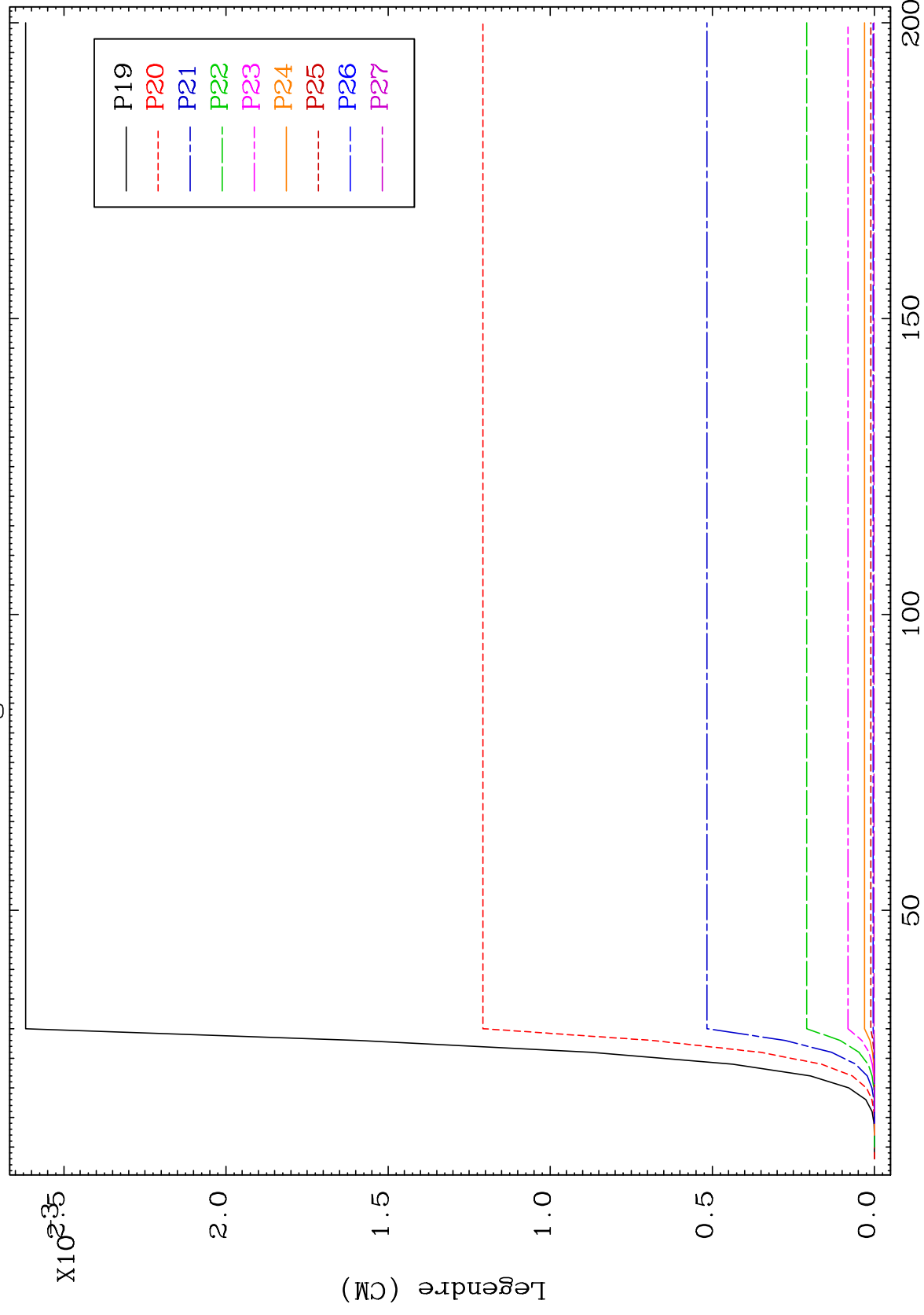
41-Nb-84



85

Incident Energy (MeV)

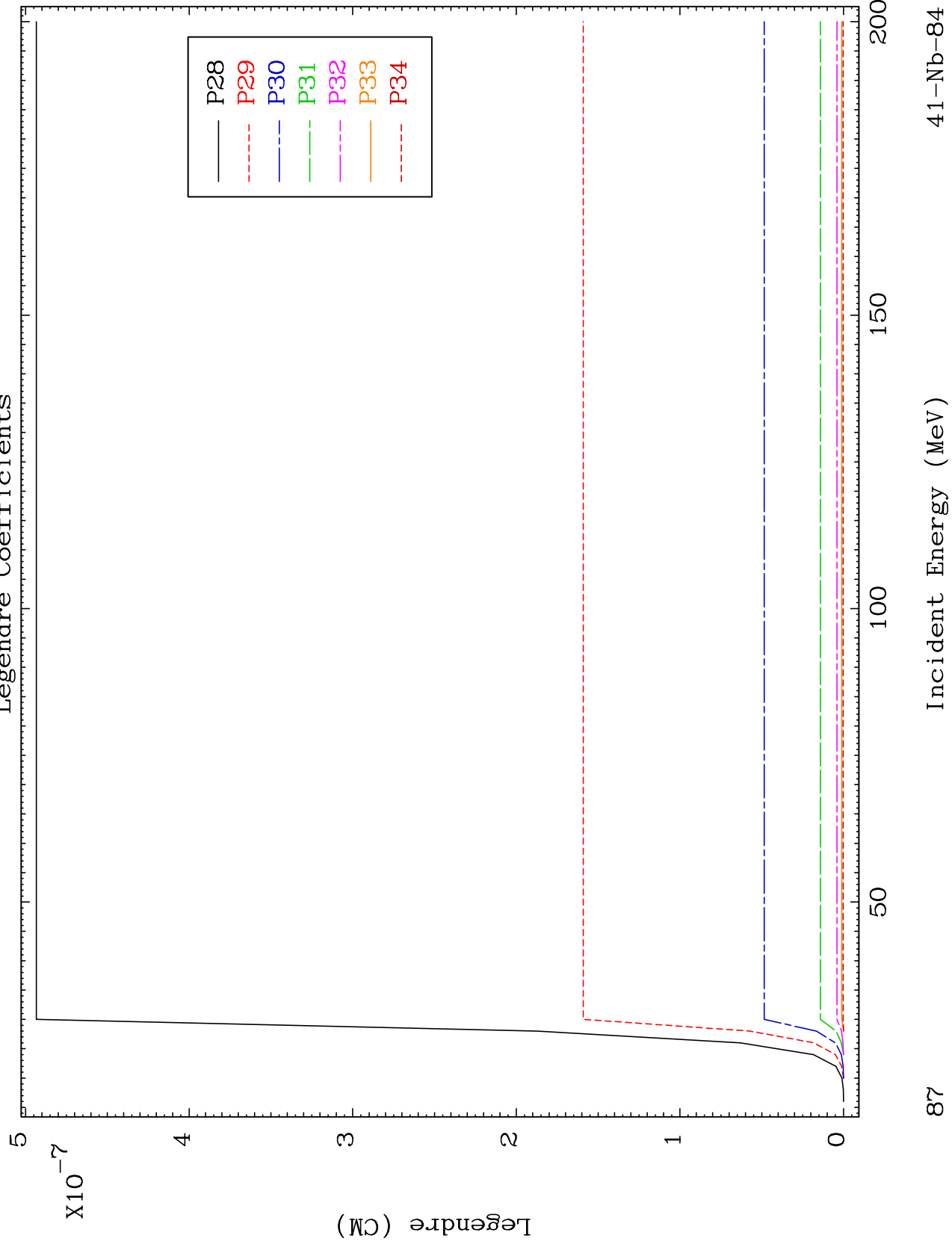
41-Nb-84



MAT 4098

MT= 71 (n,n') Level
Legendre Coefficients

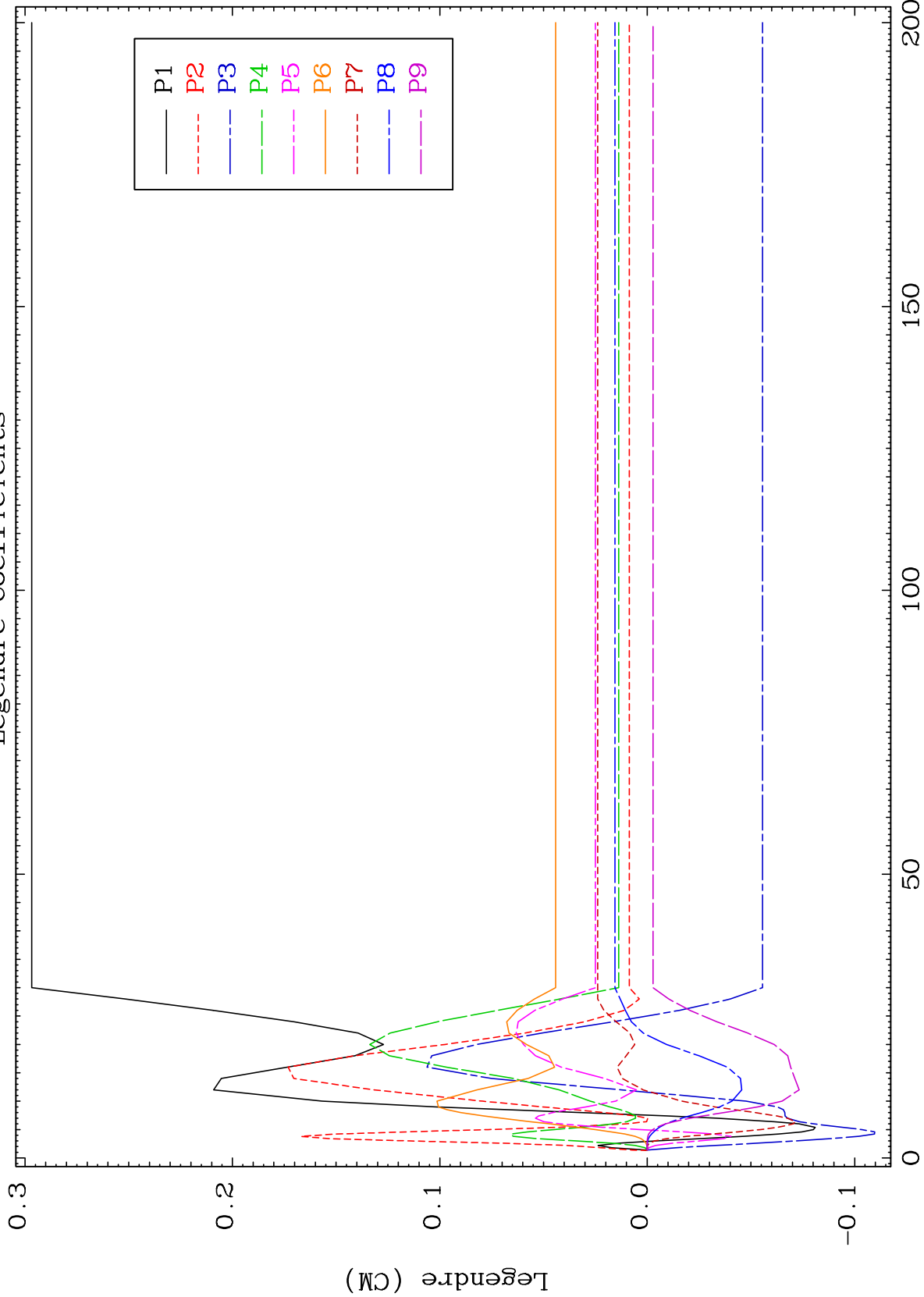
41-Nb-84



MAT 4098

MT= 72 (n,n') Level
Legendre Coefficients

41-Nb-84



88

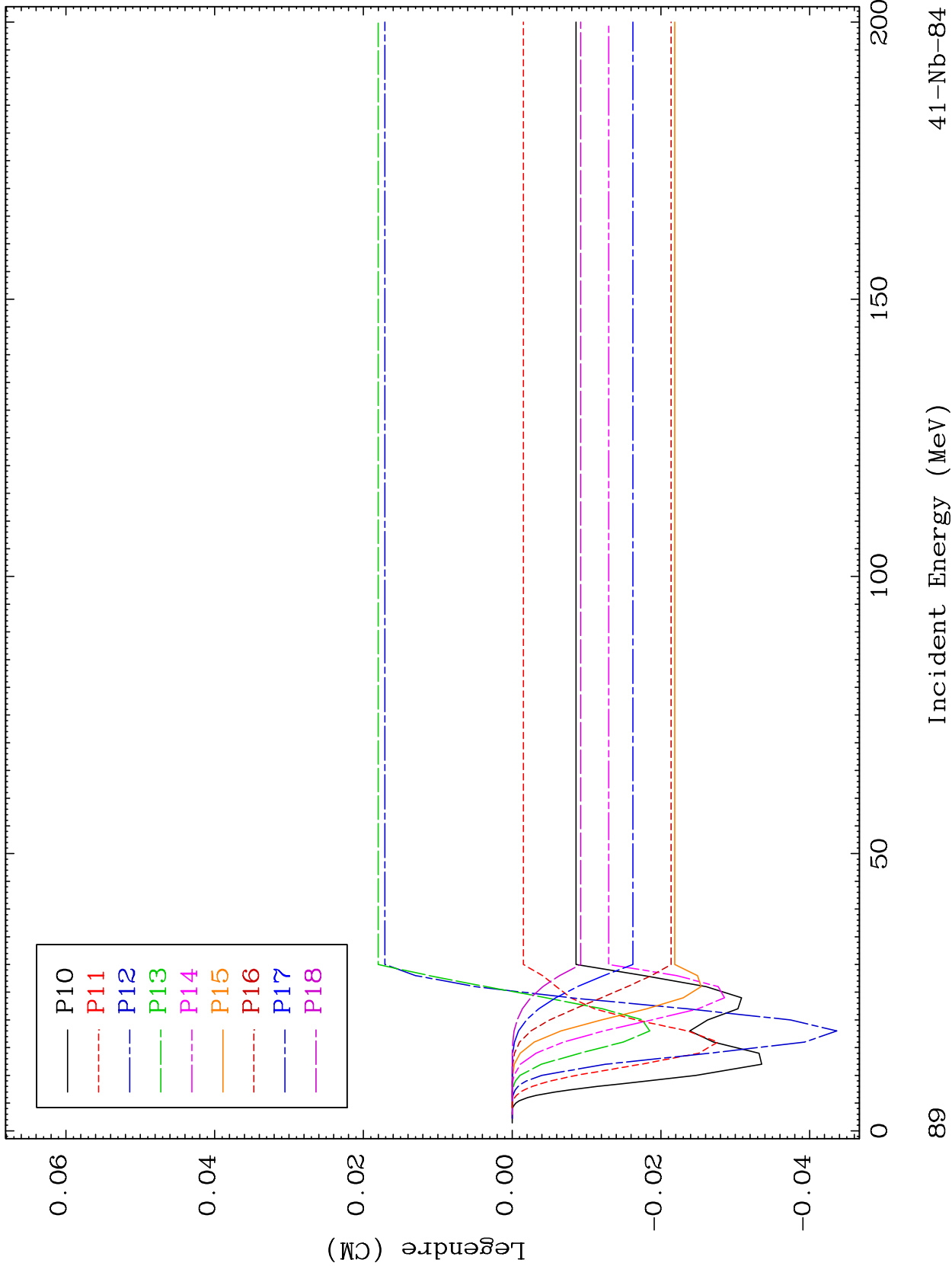
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 72 (n,n') Level
Legendre Coefficients

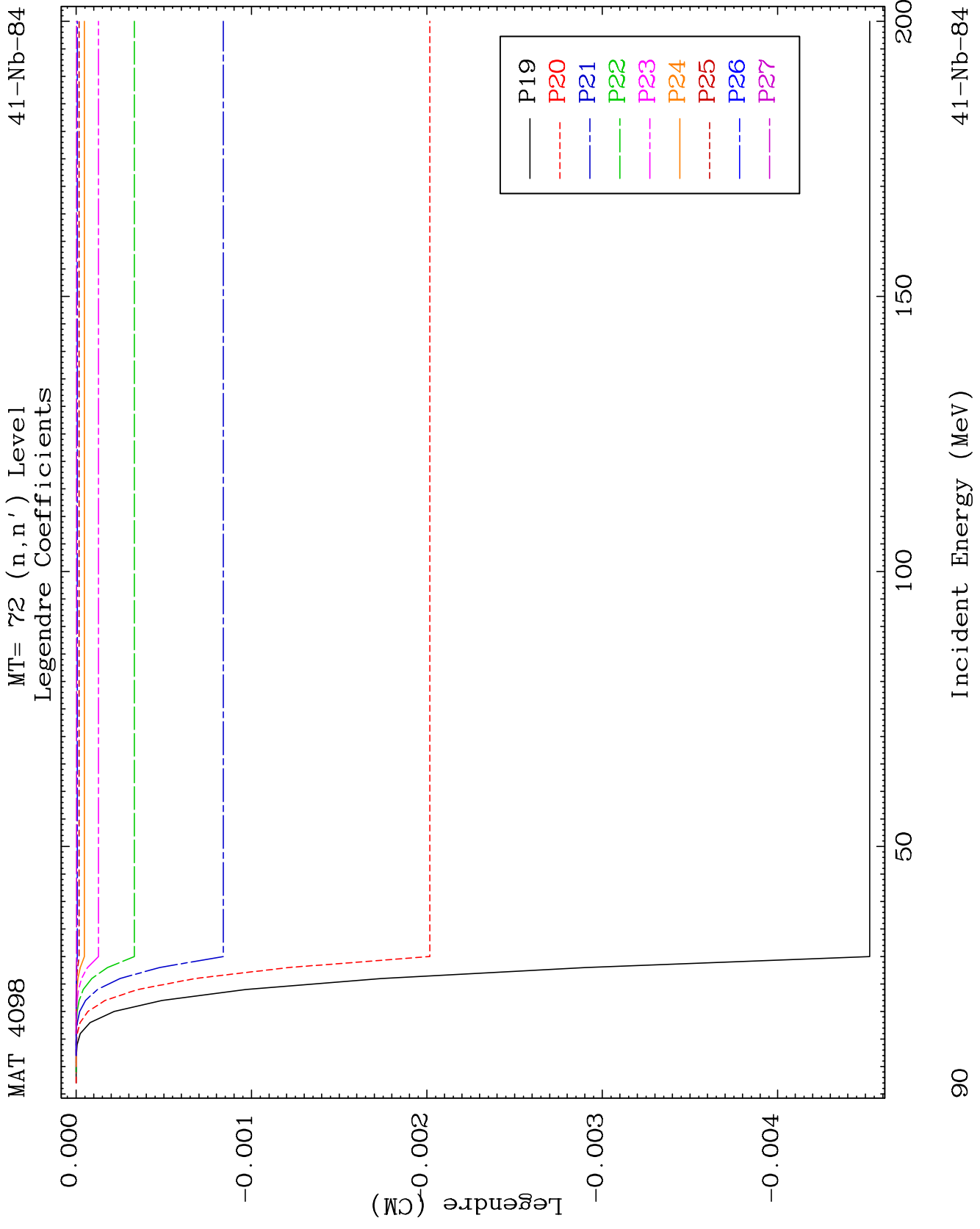
41-Nb-84

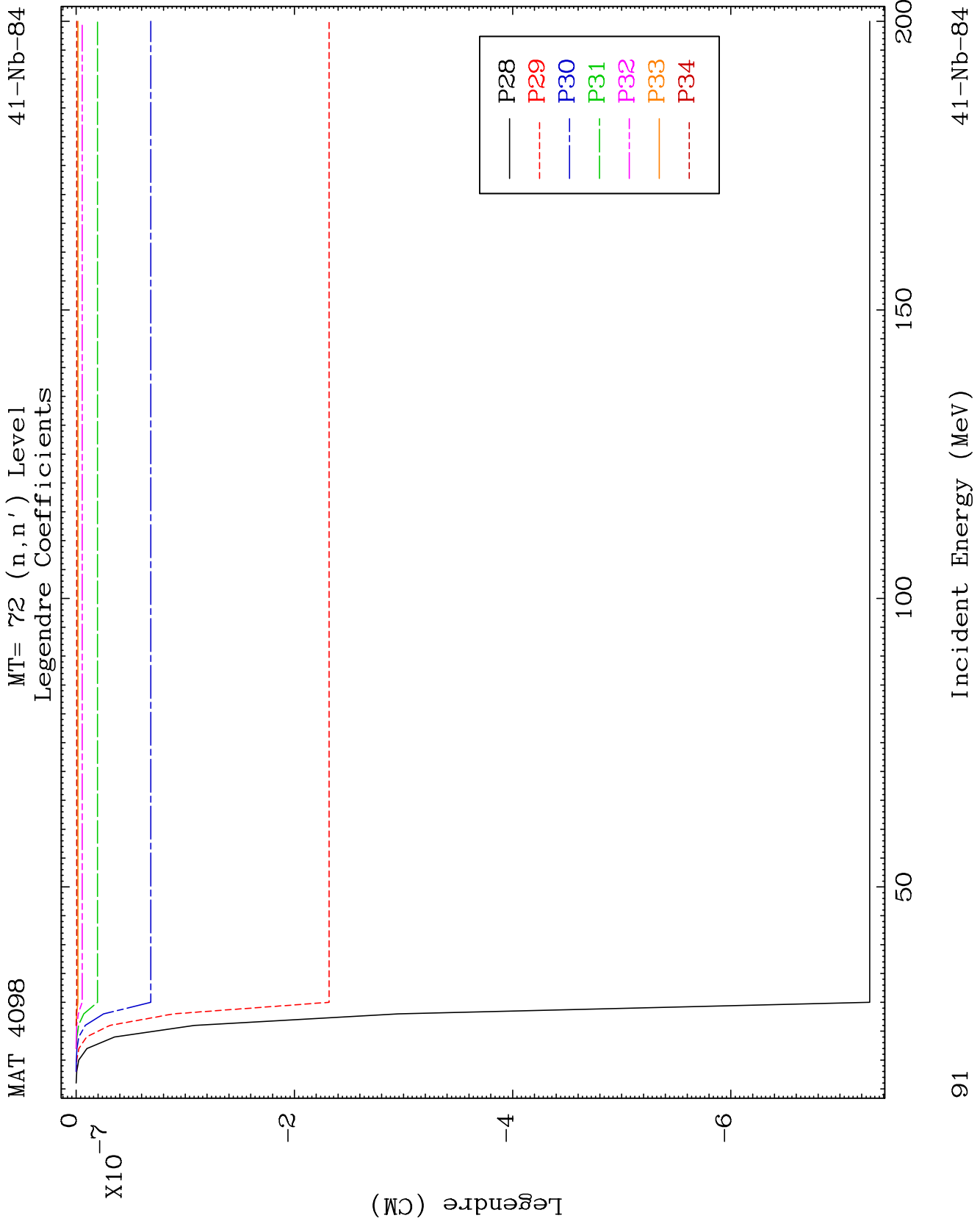


89

Incident Energy (MeV)

41-Nb-84

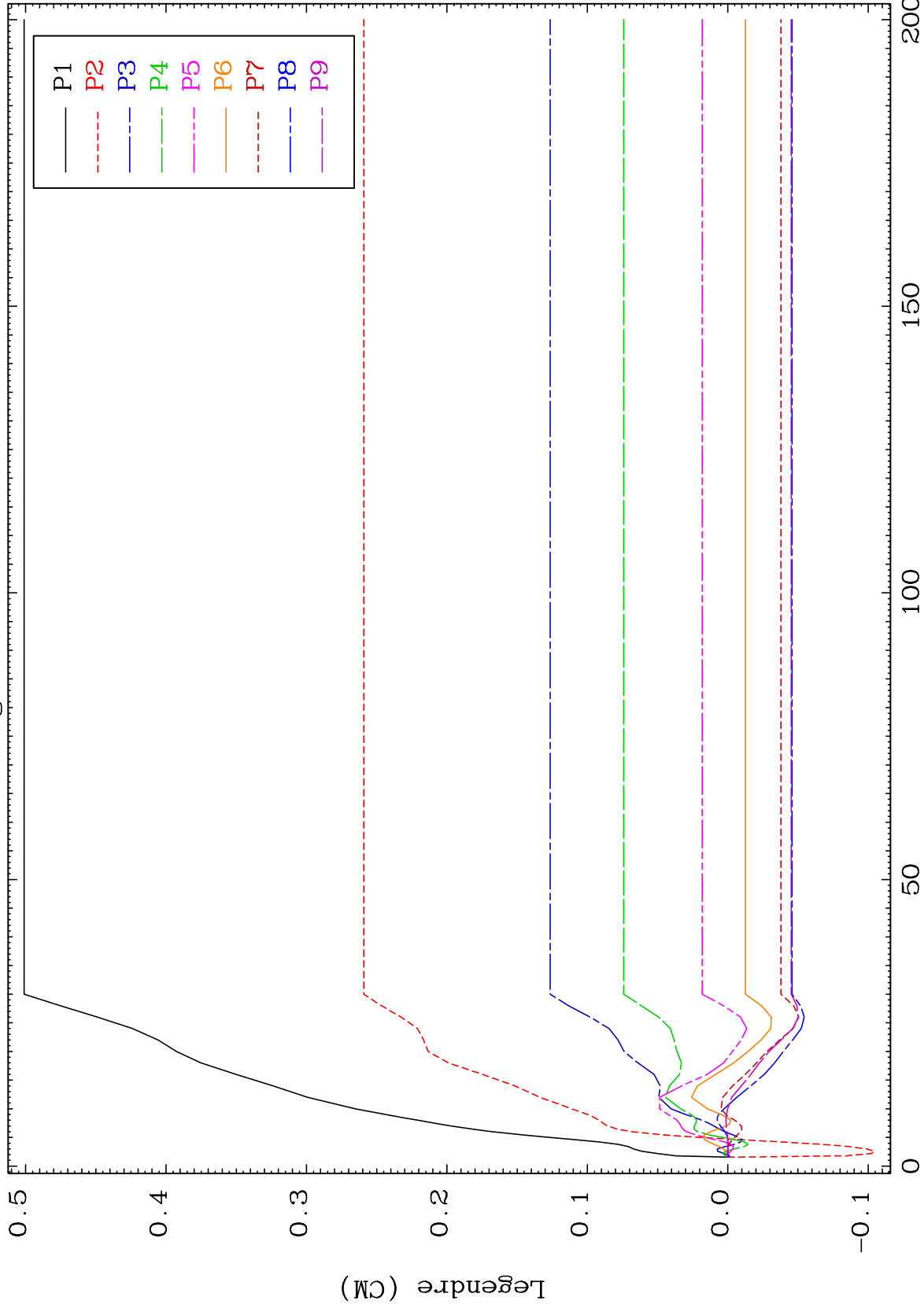




MAT 4098

MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-84



92

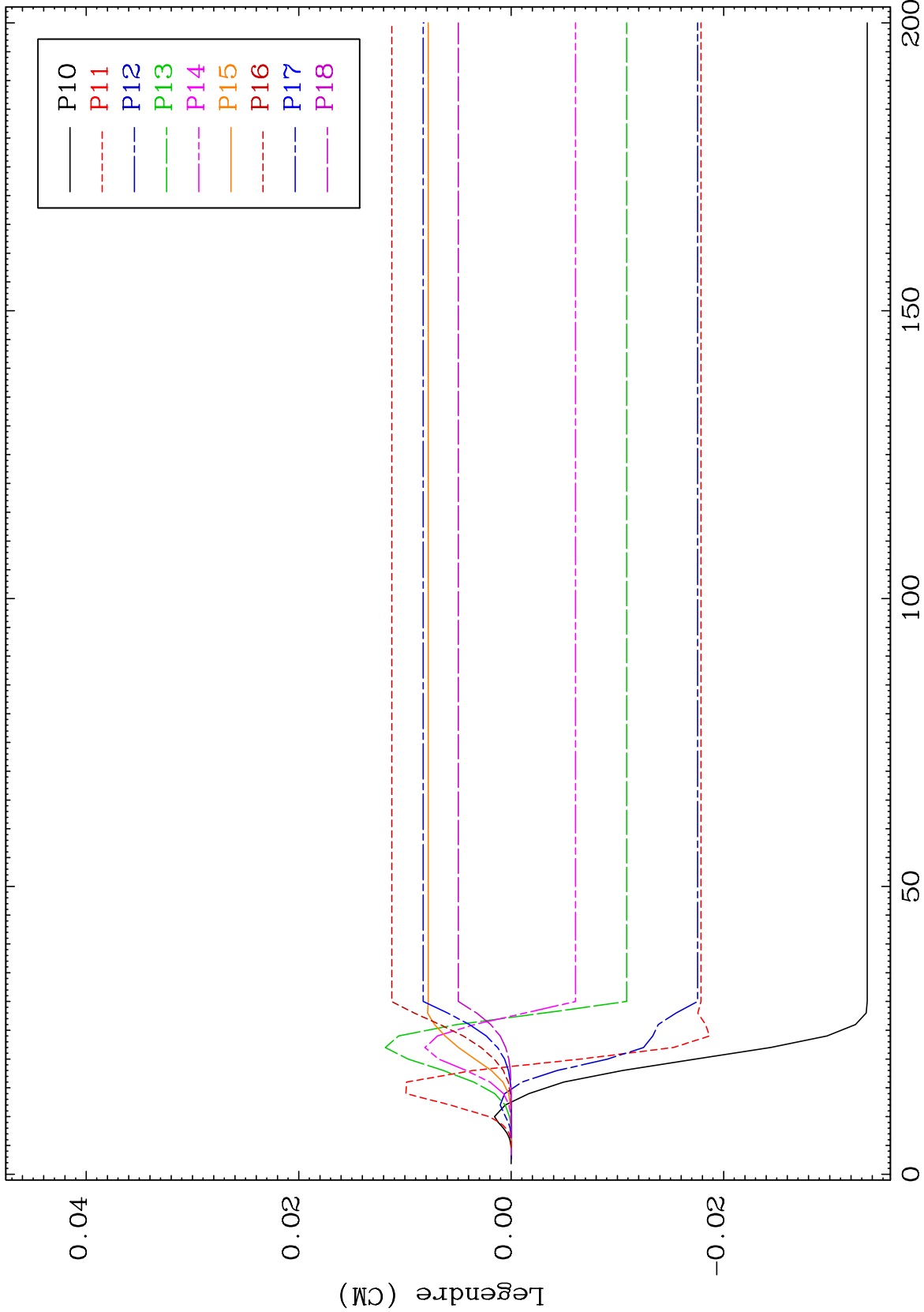
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 73 (n,n') Level
Legendre Coefficients

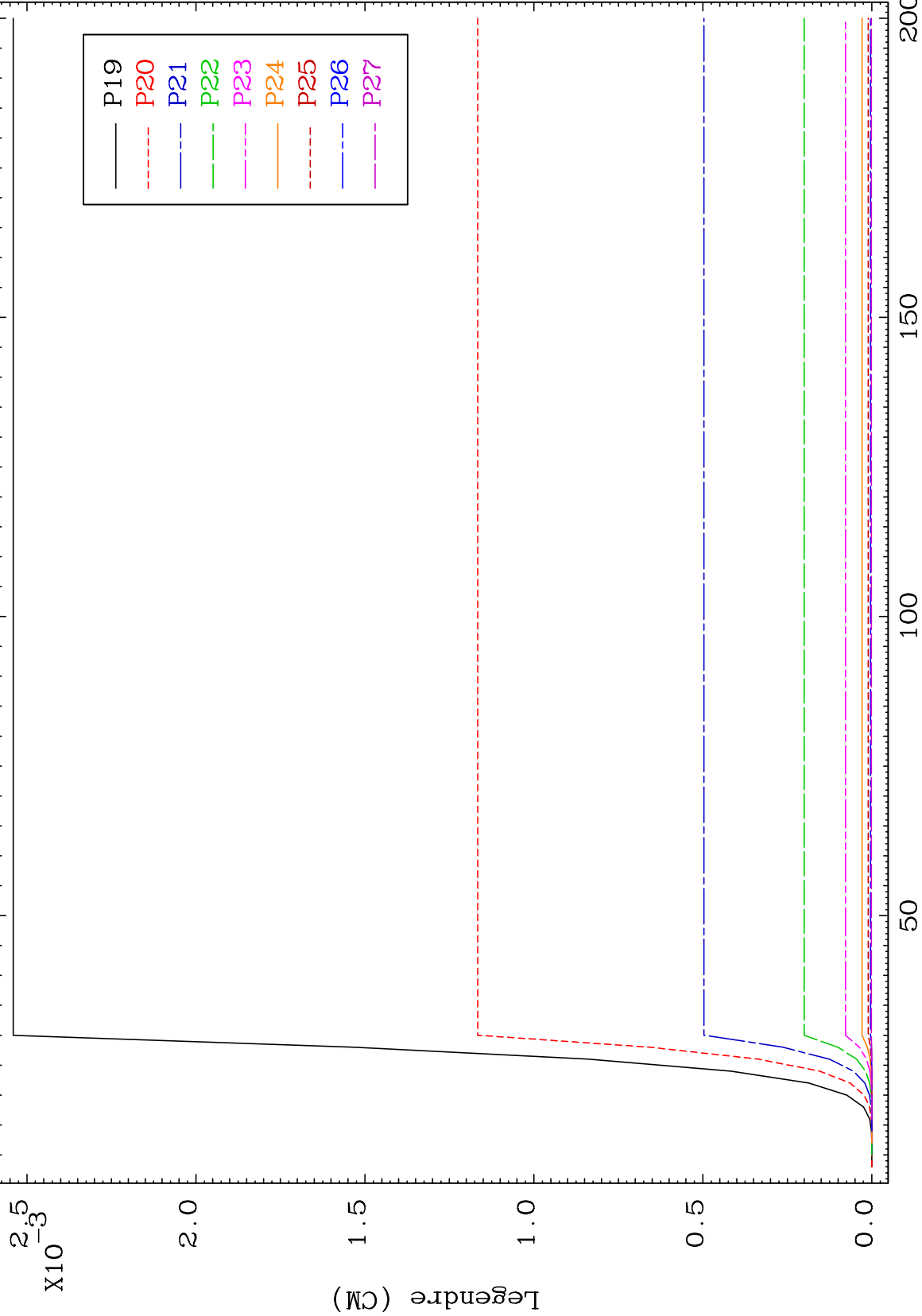
41-Nb-84



93

Incident Energy (MeV)

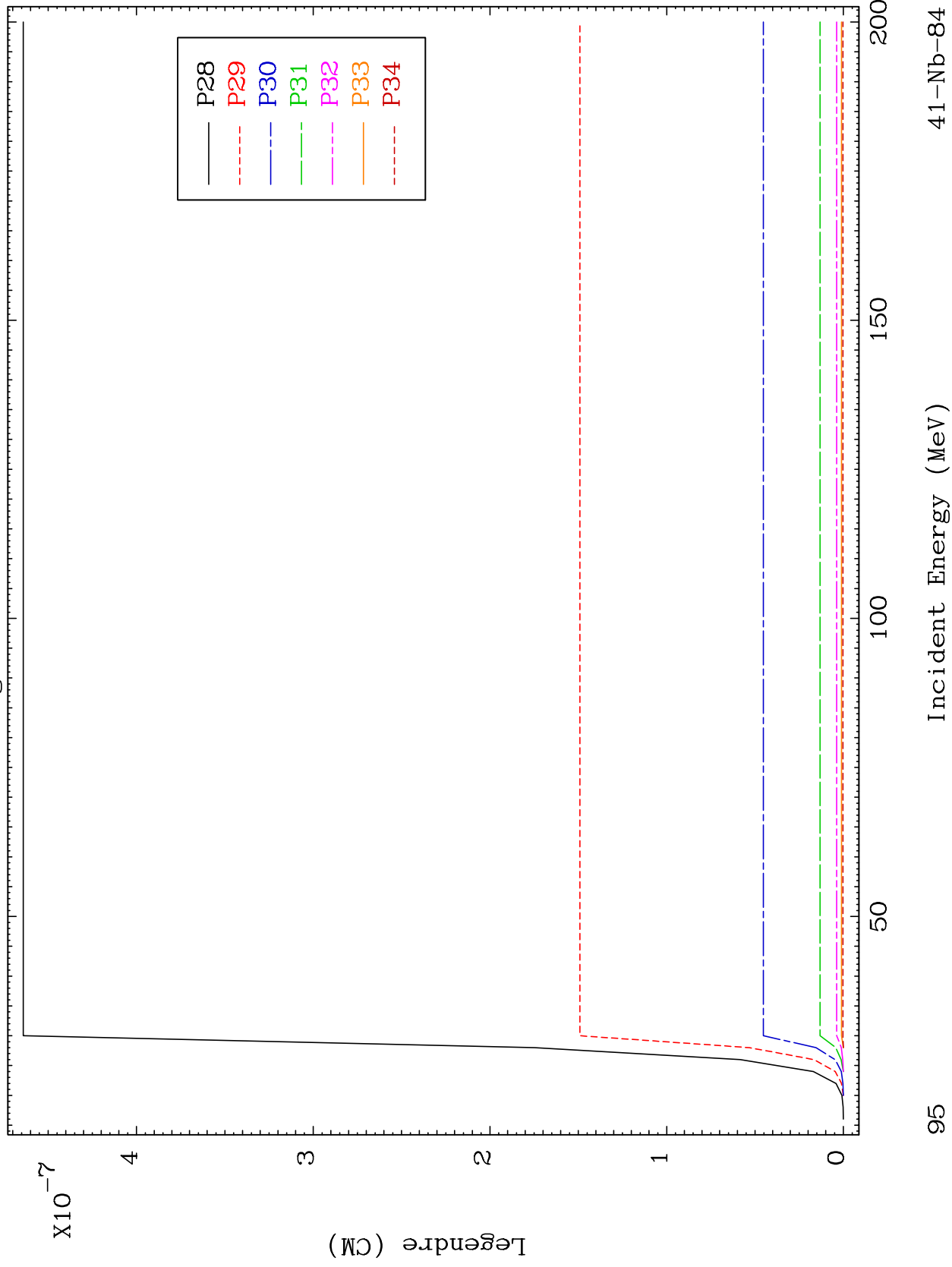
41-Nb-84



MAT 4098

MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-84



95

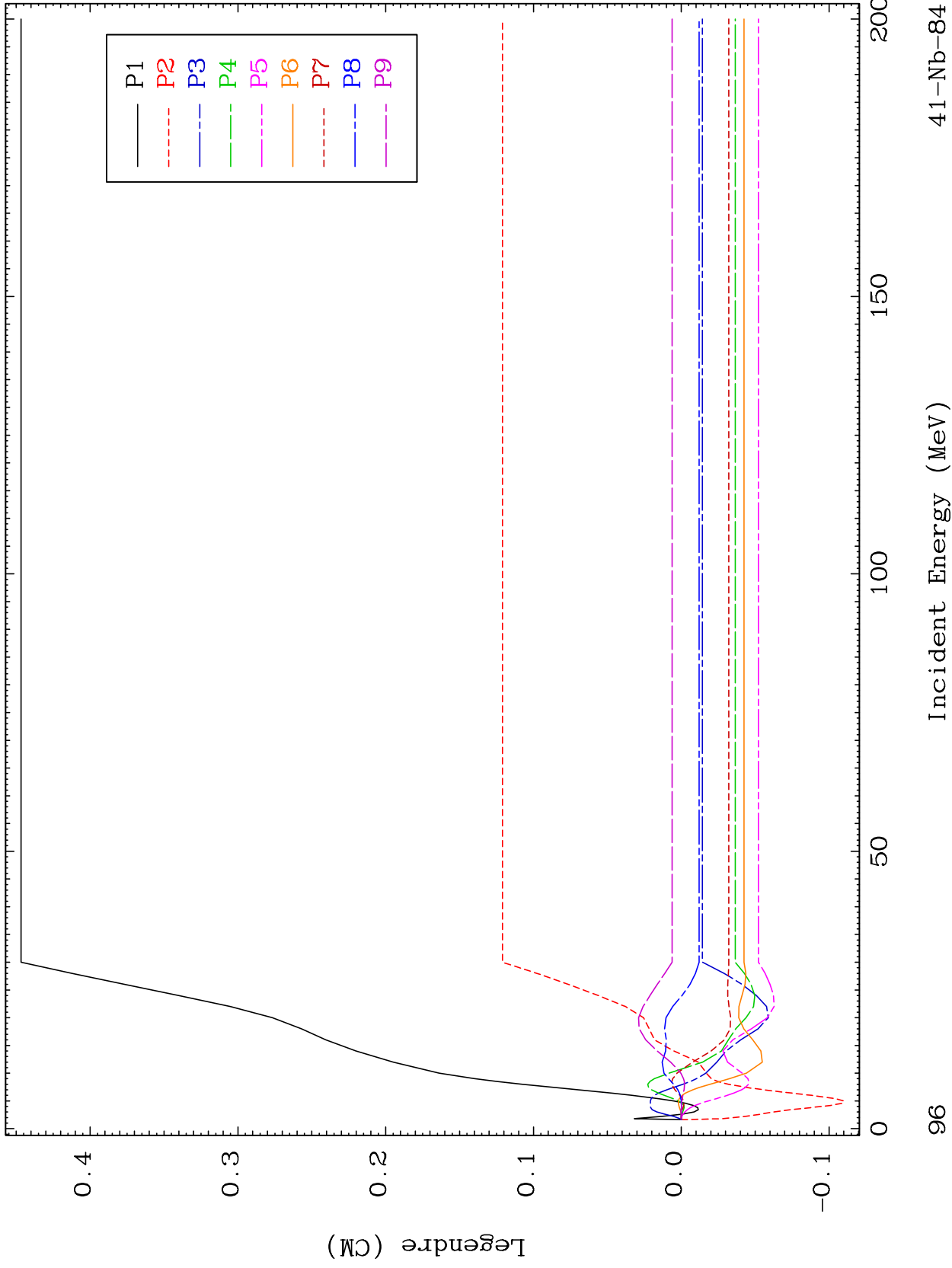
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-84



96

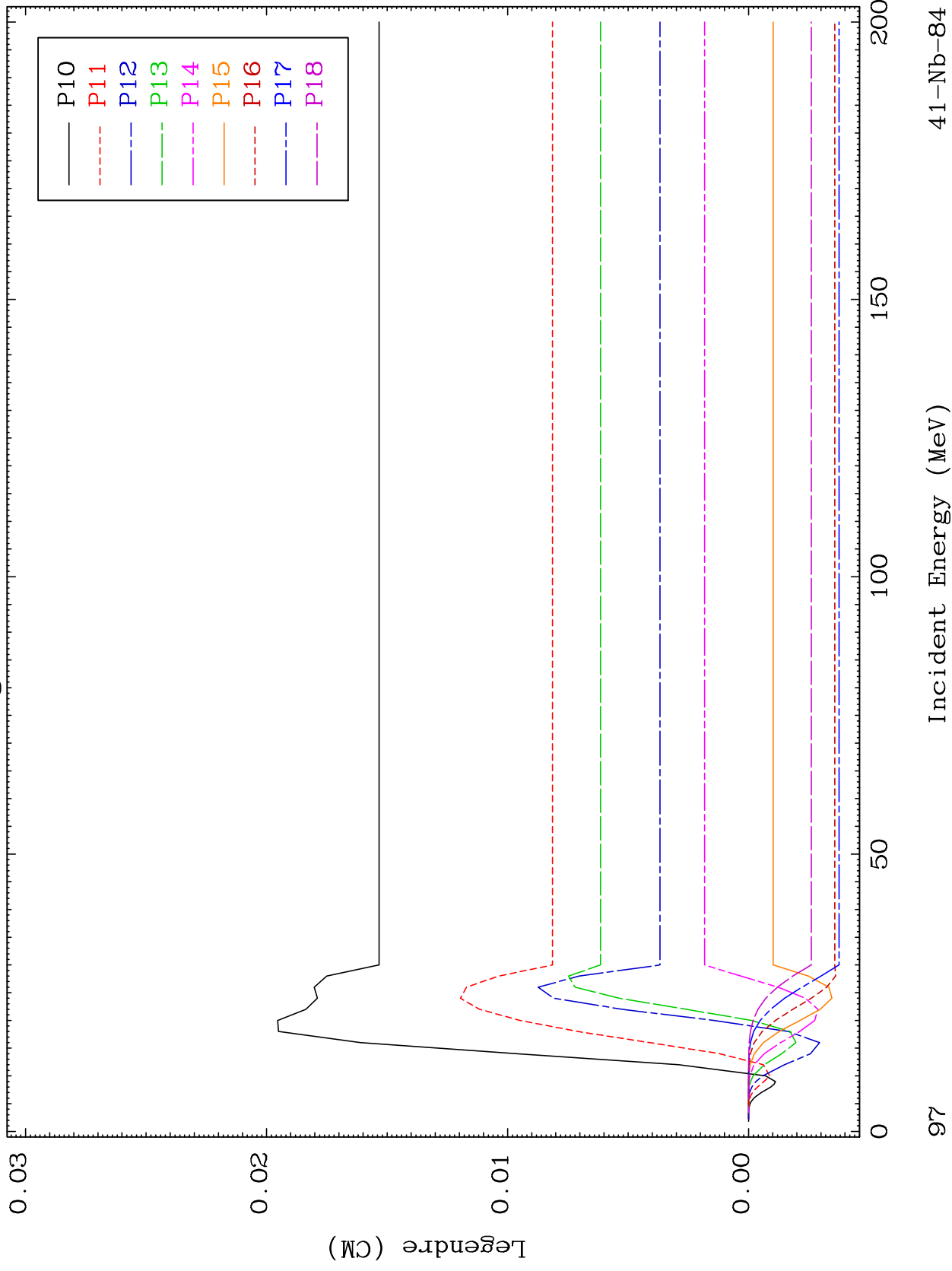
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 74 (n,n') Level
Legendre Coefficients

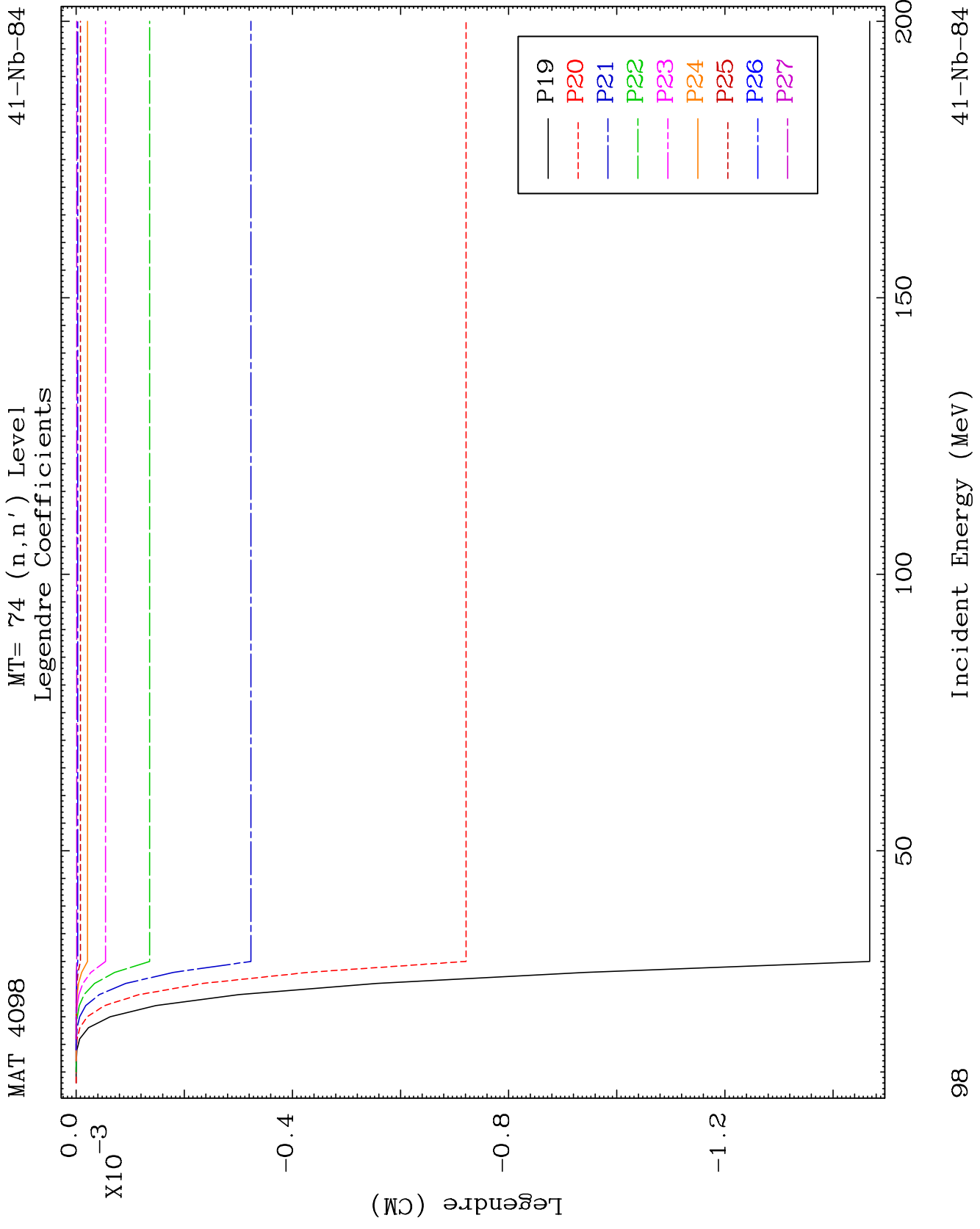
41-Nb-84



97

Incident Energy (MeV)

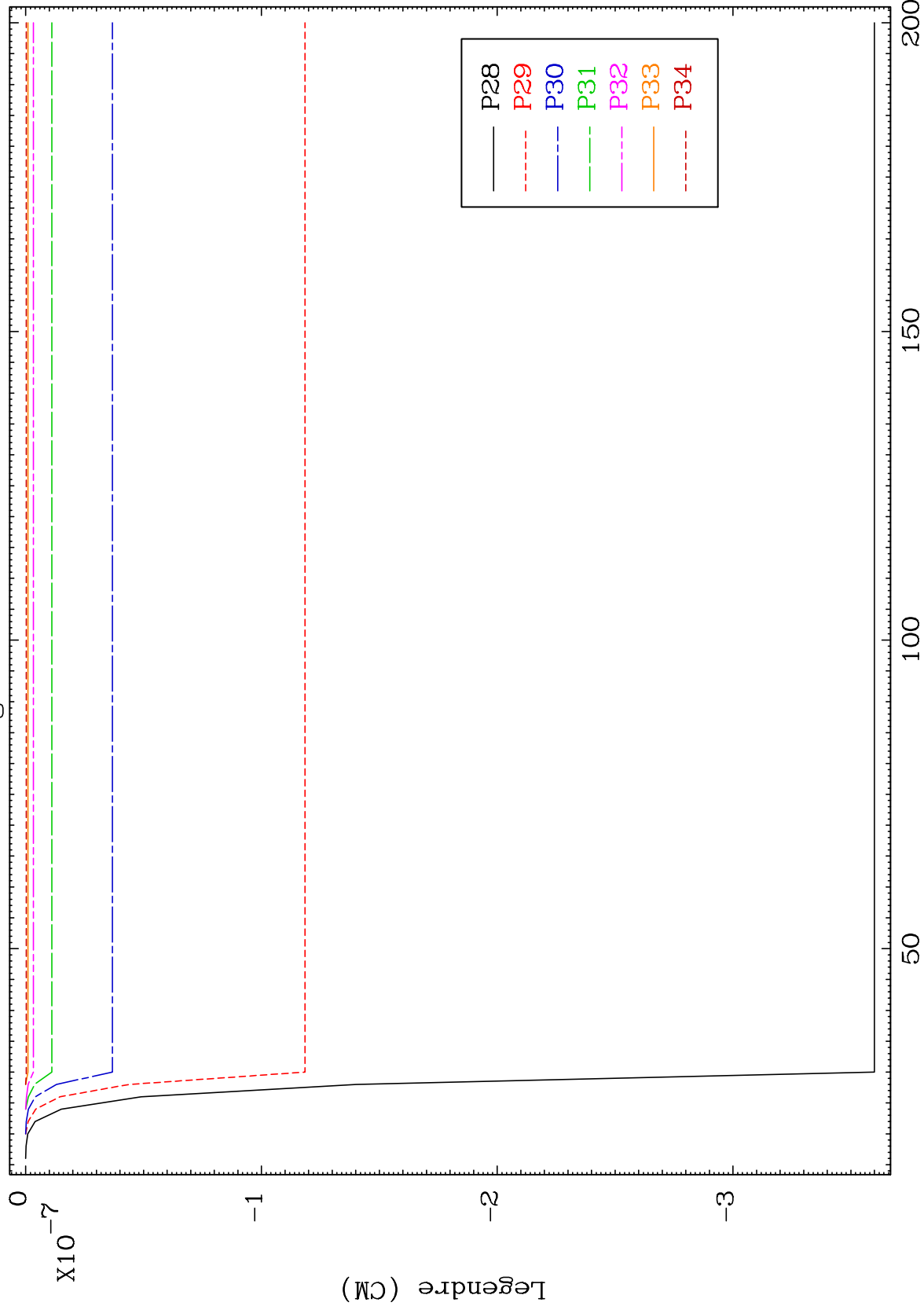
41-Nb-84



MAT 4098

MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-84



99

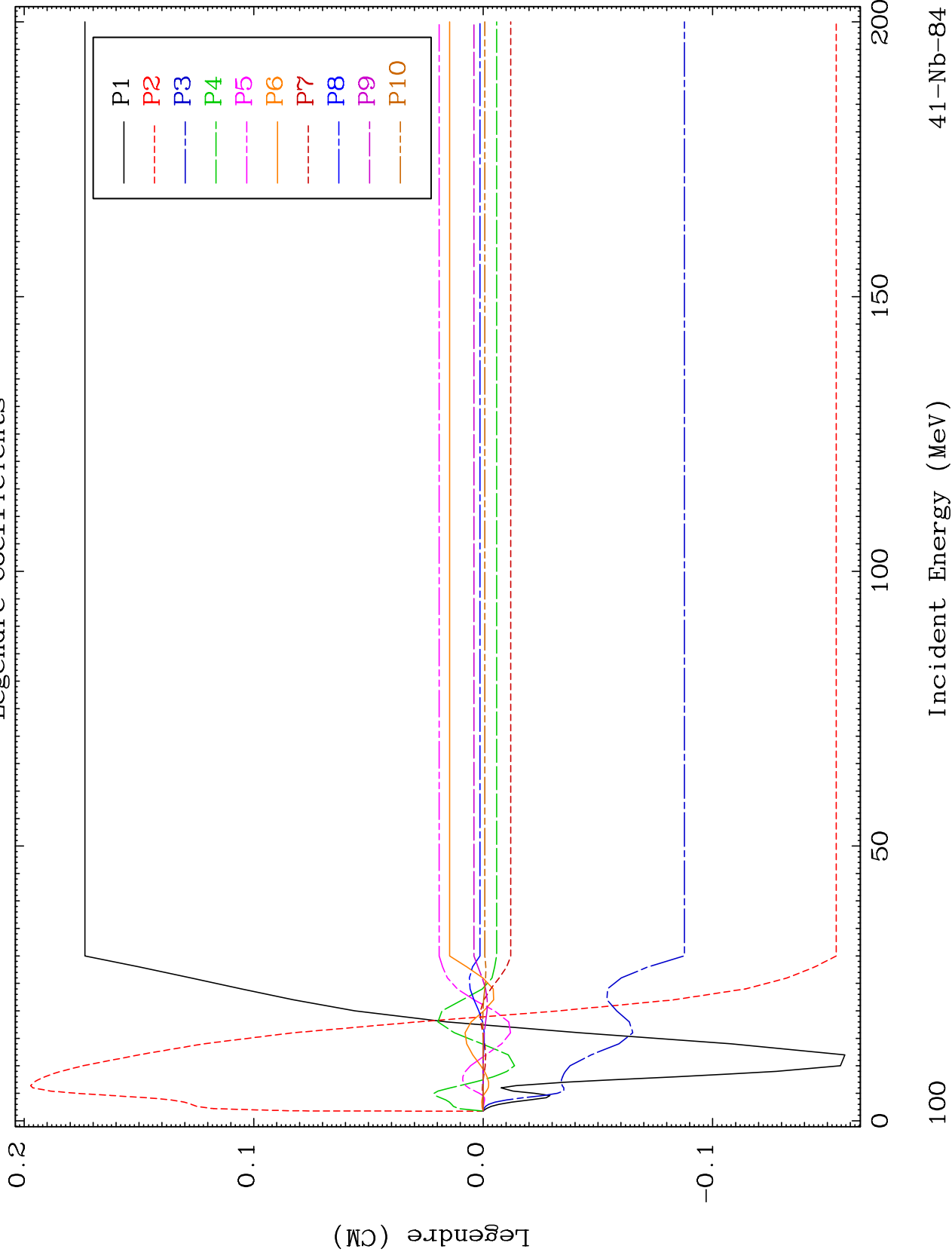
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-84

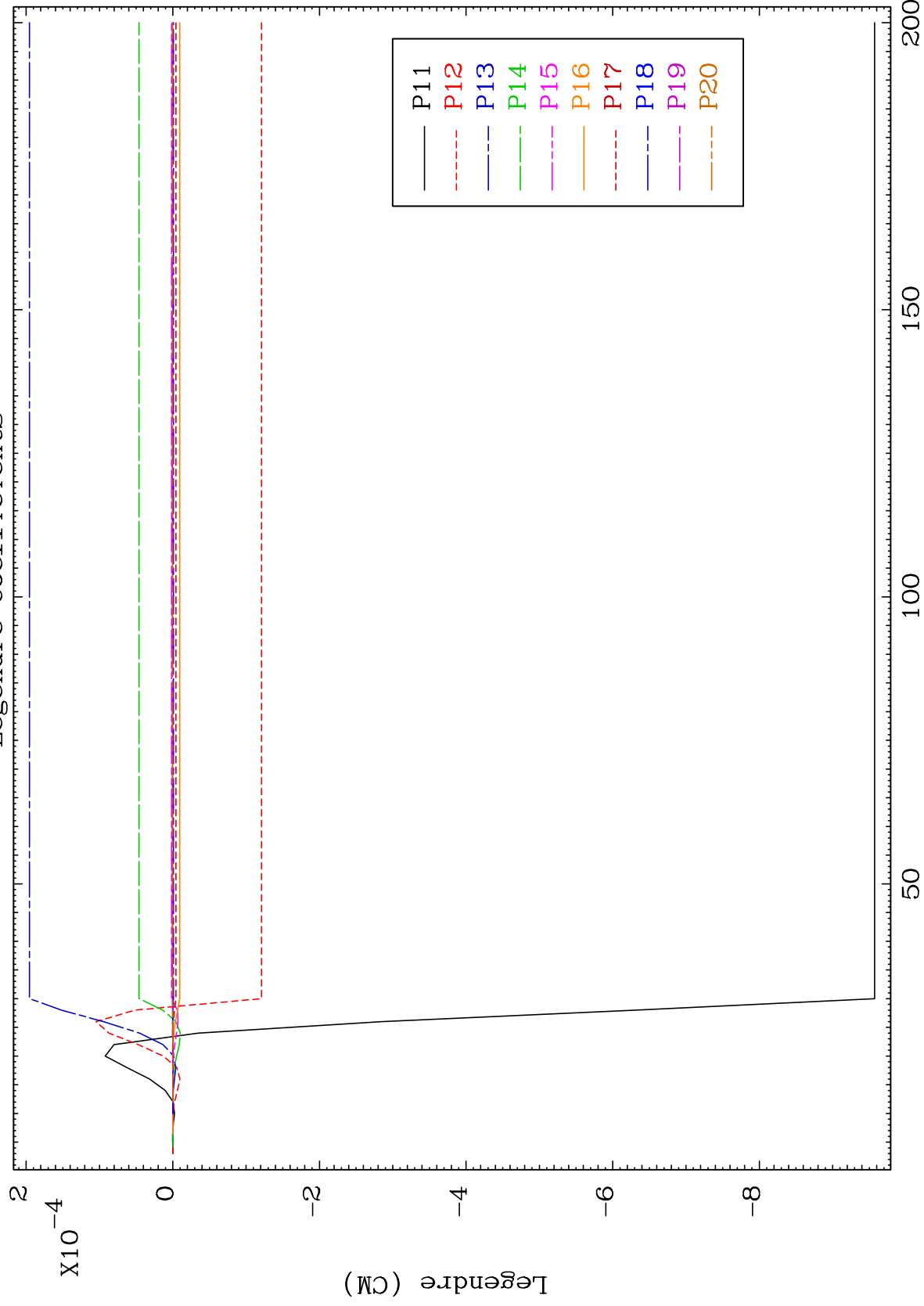


MAT 4098

MT= 75 (n,n') Level

41-Nb-84

Legendre Coefficients



101

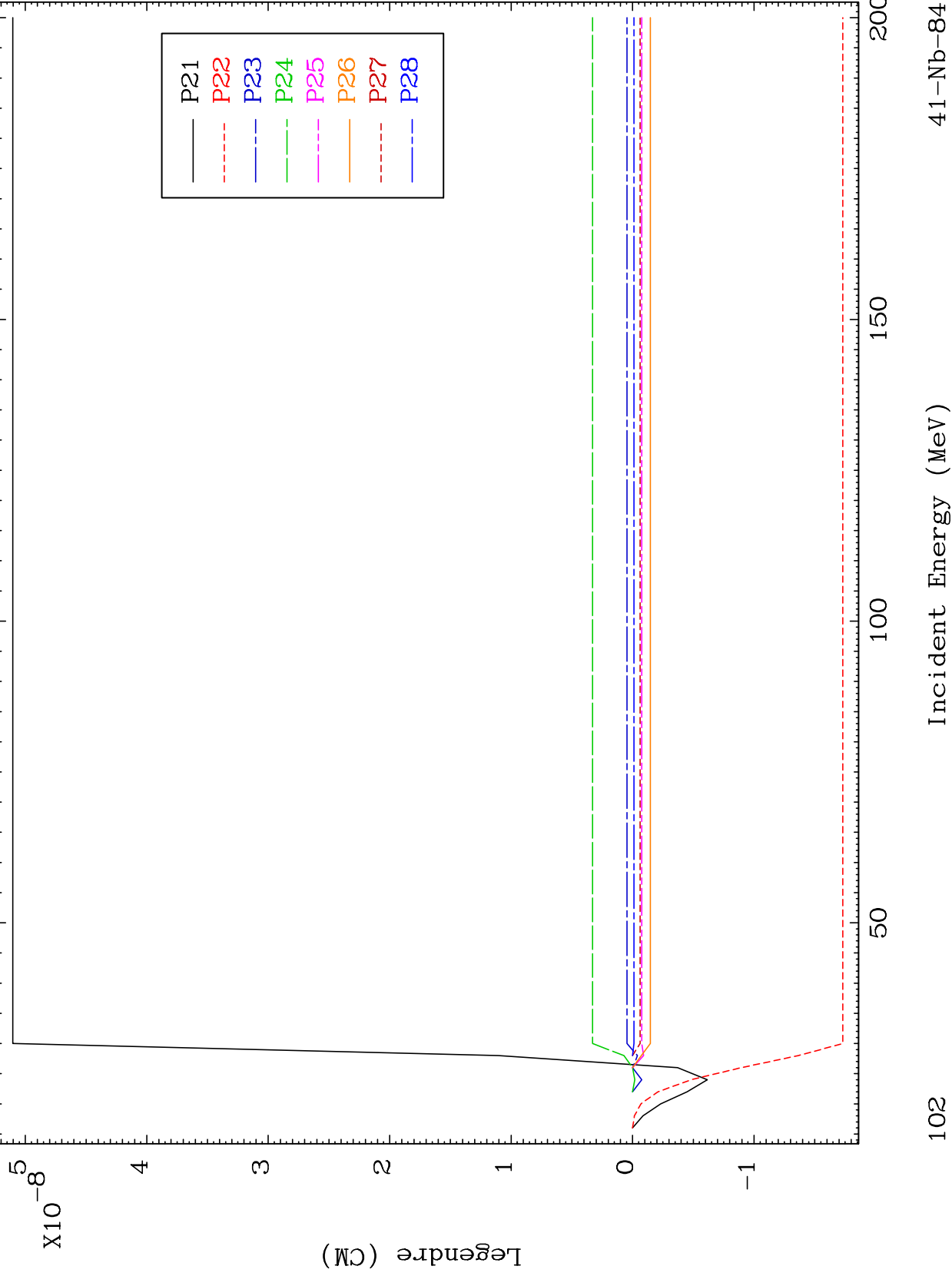
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 75 (n,n') Level
Legendre Coefficients

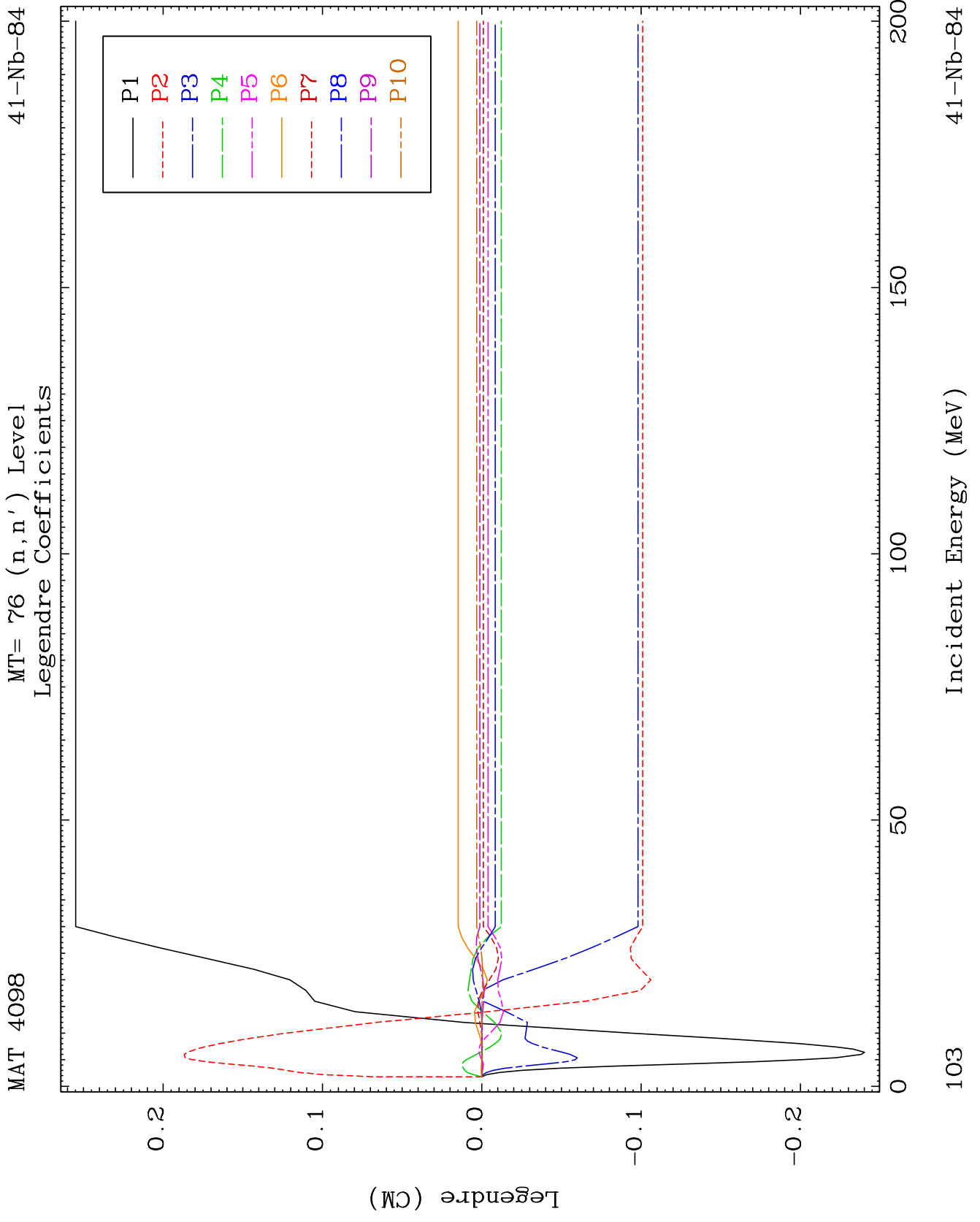
41-Nb-84



102

Incident Energy (MeV)

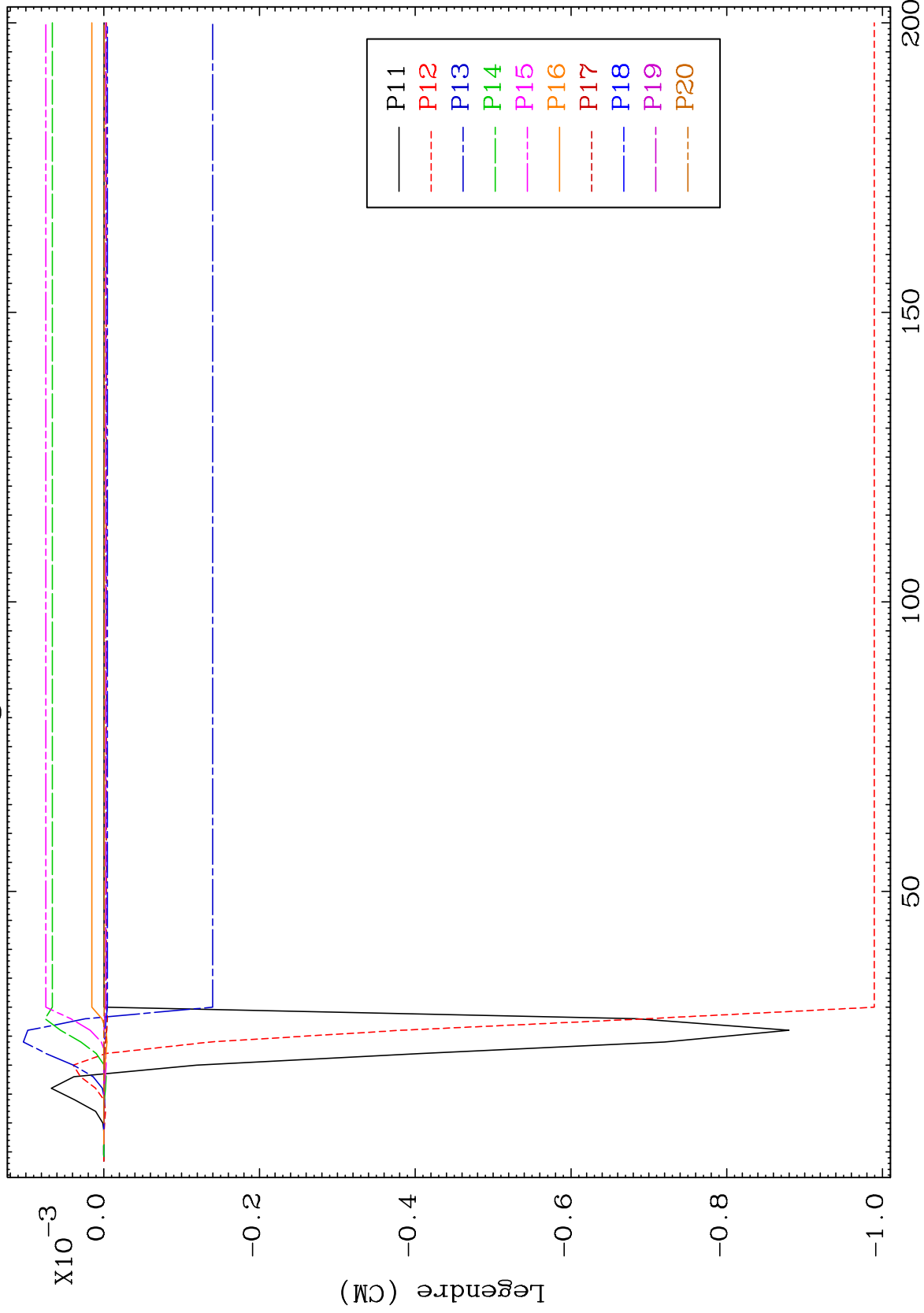
41-Nb-84



MAT 4098

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-84



104

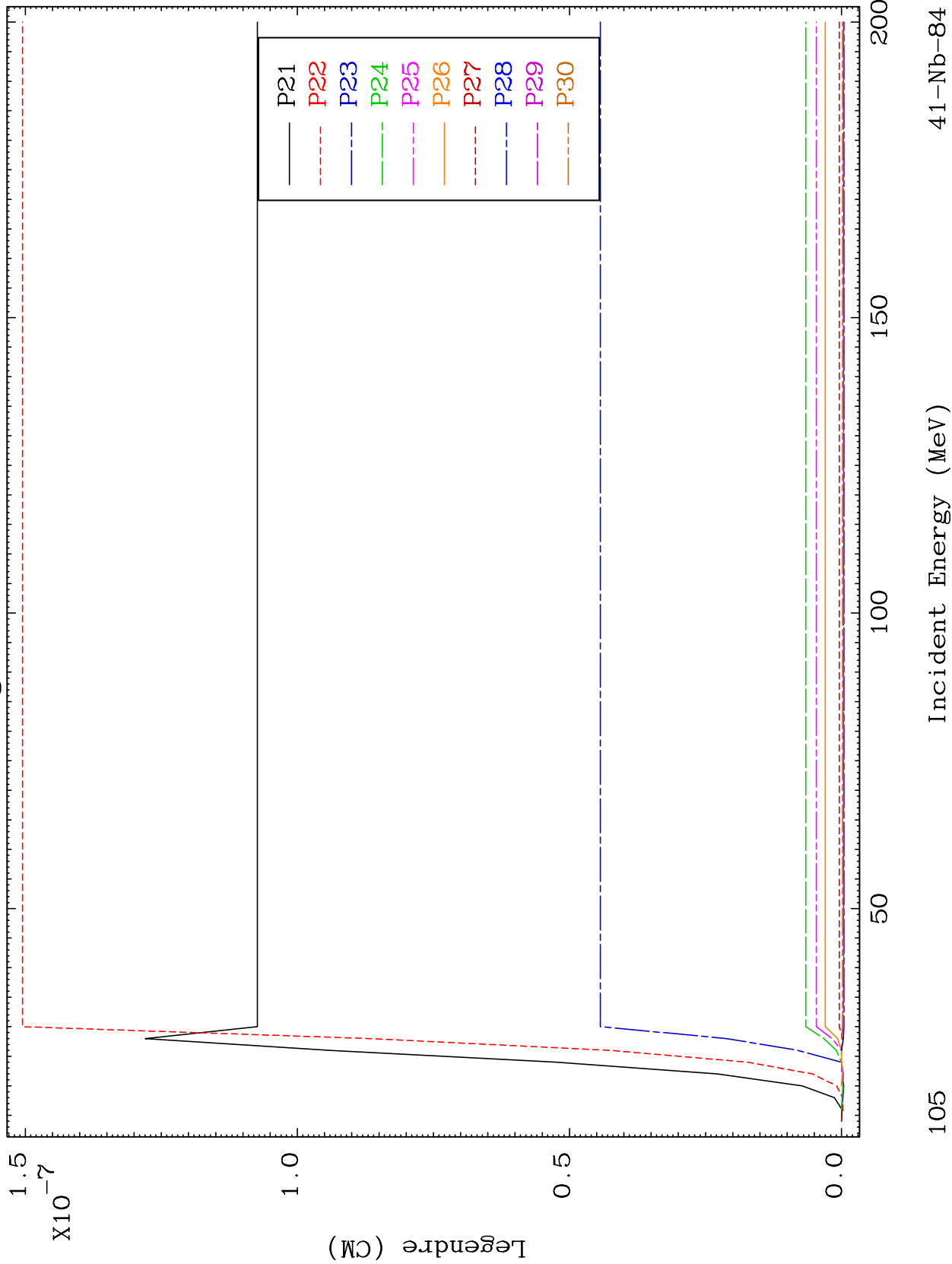
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-84



105

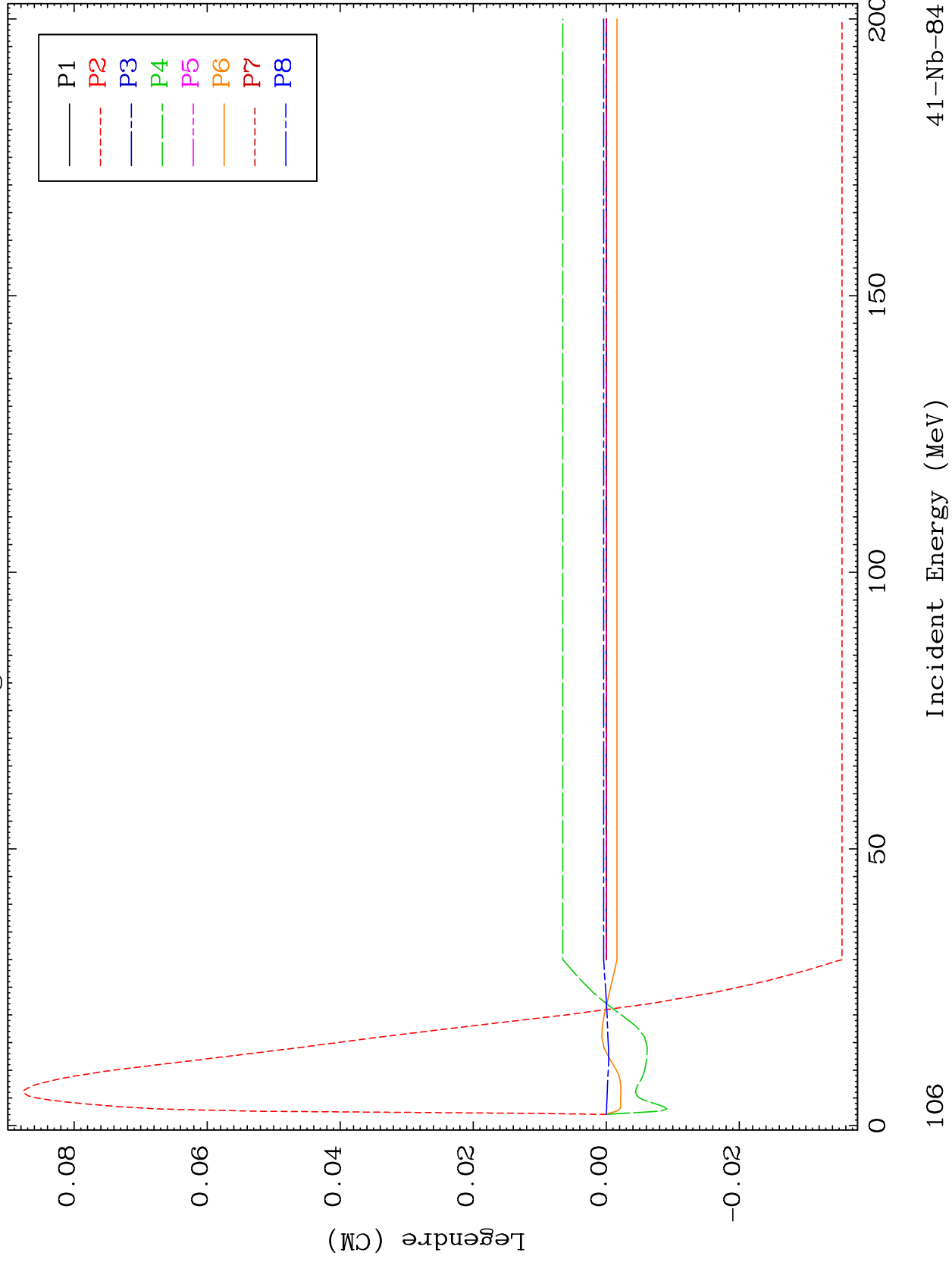
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 77 (n,n') Level
Legendre Coefficients

41-Nb-84



41-Nb-84

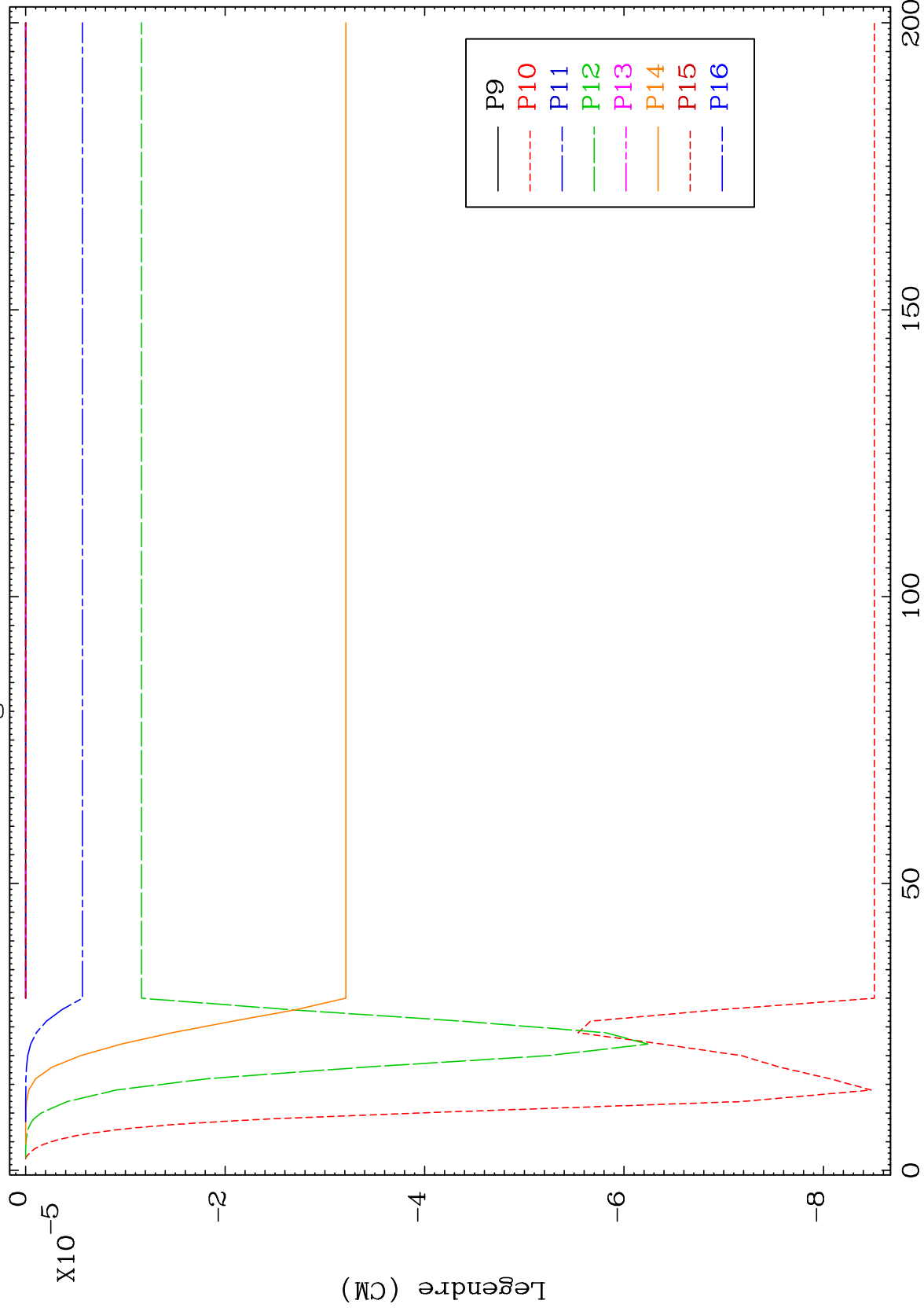
Incident Energy (MeV)

106

MAT 4098

MT= 77 (n,n') Level
Legendre Coefficients

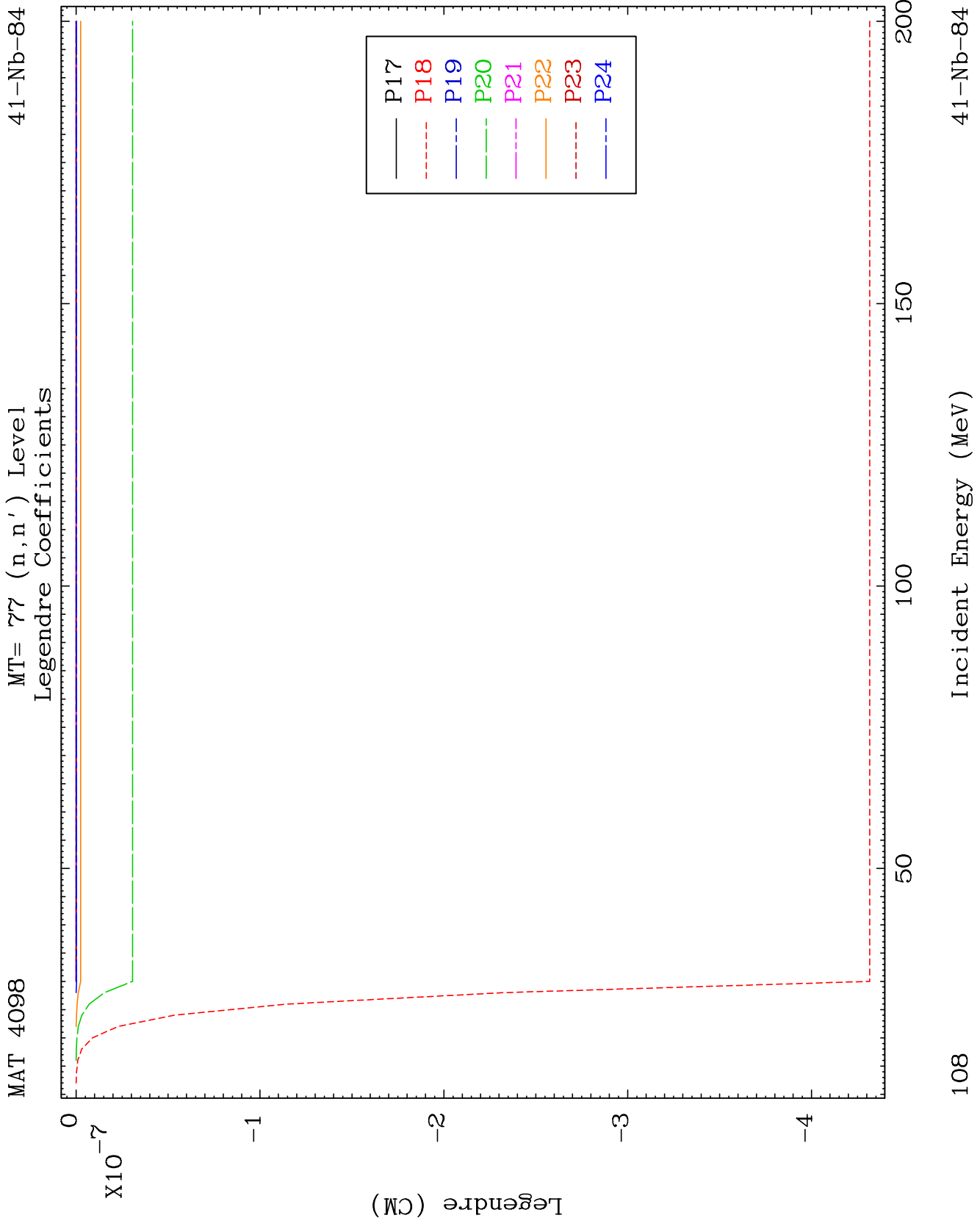
41-Nb-84

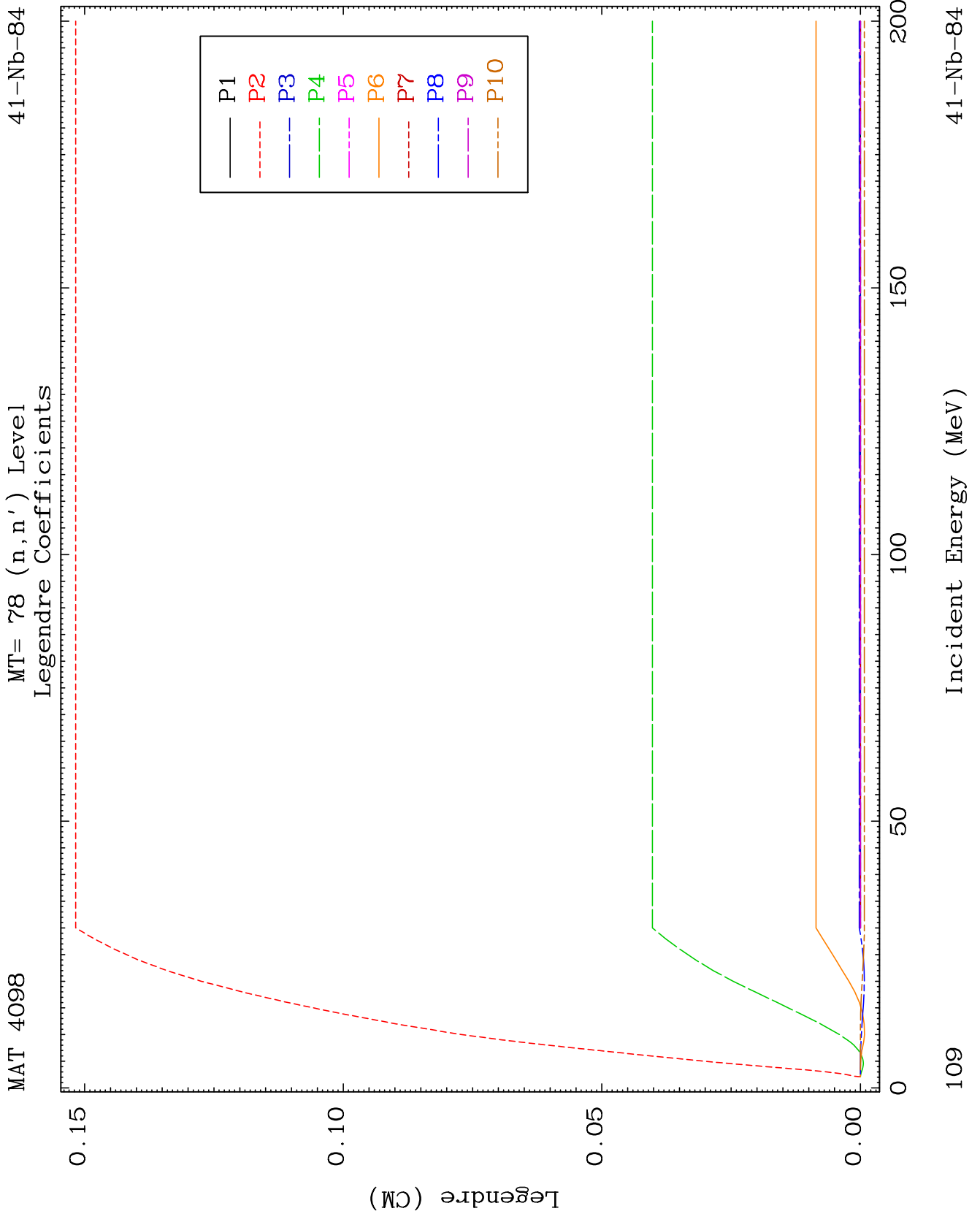


107

Incident Energy (MeV)

41-Nb-84

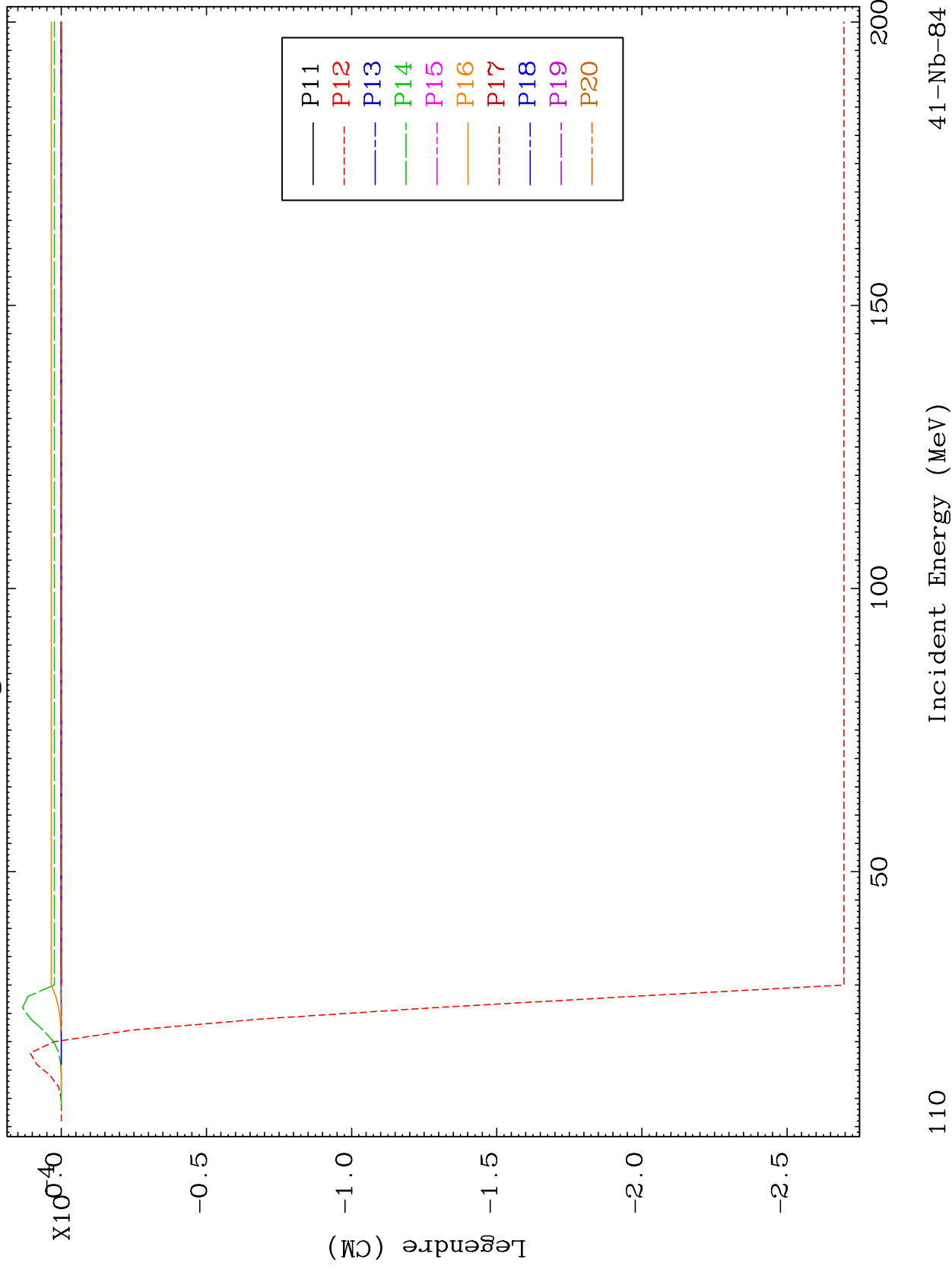




MAT 4098

MT= 78 (n,n') Level
Legendre Coefficients

41-Nb-84



110

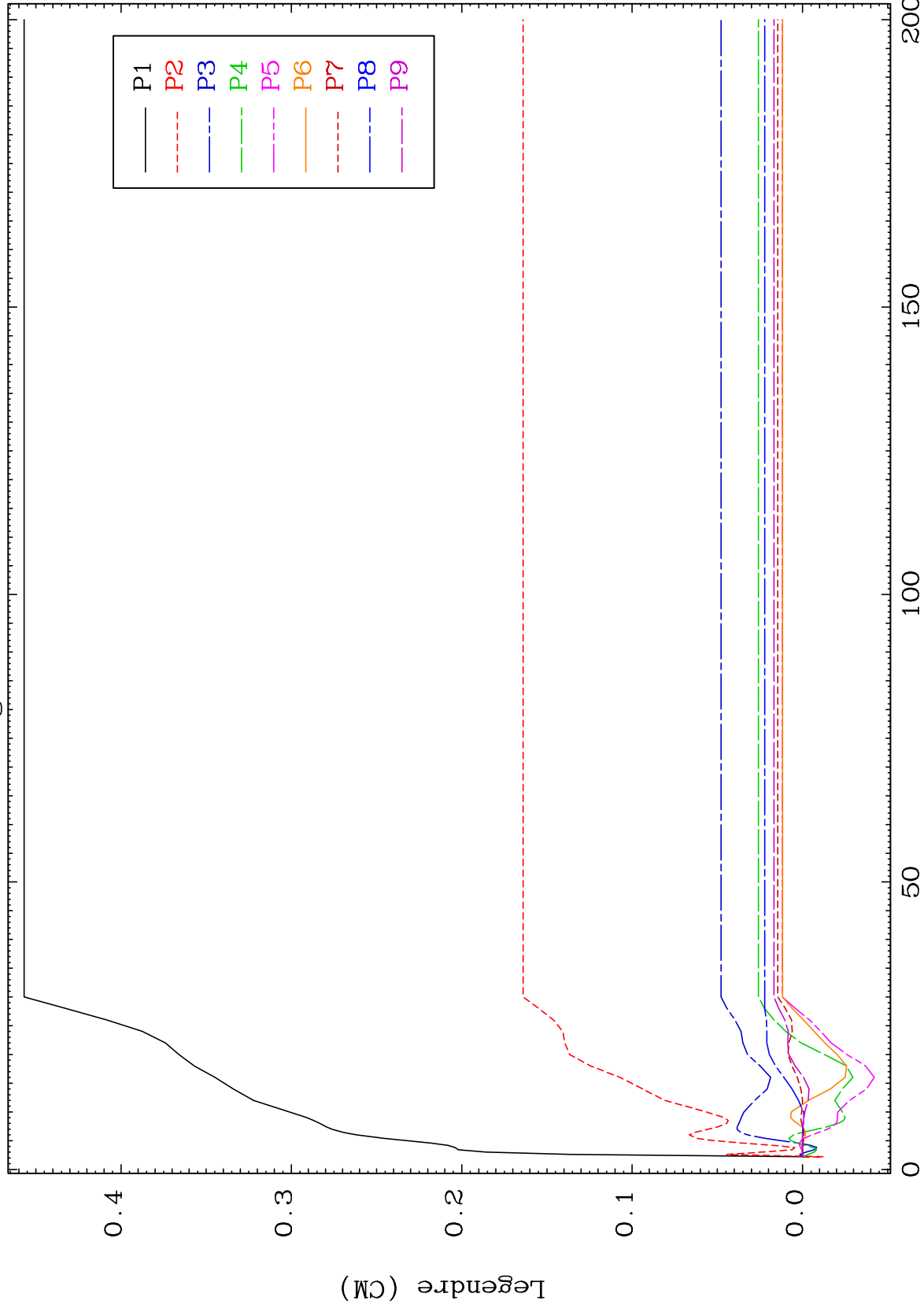
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-84



111

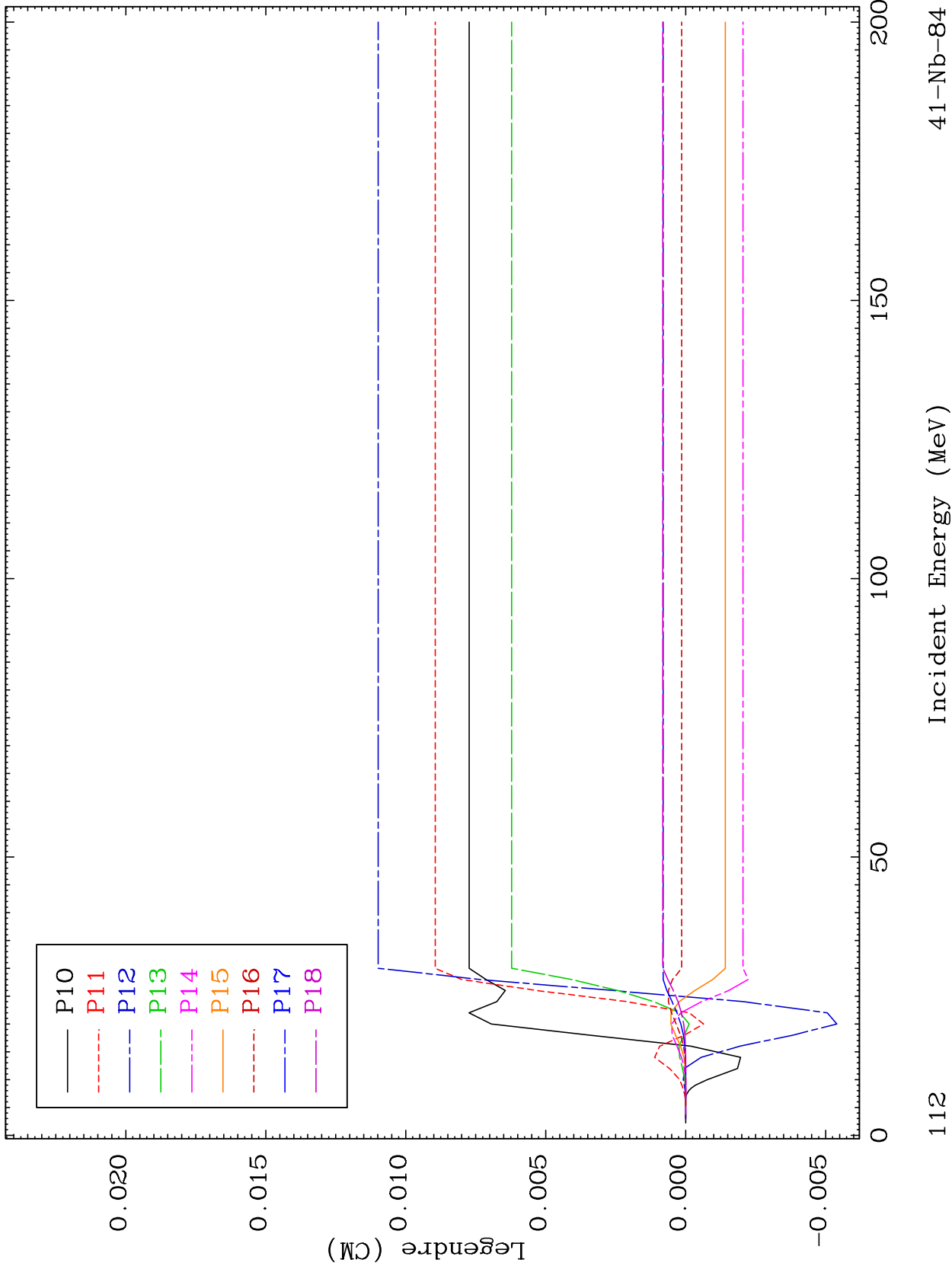
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-84



112

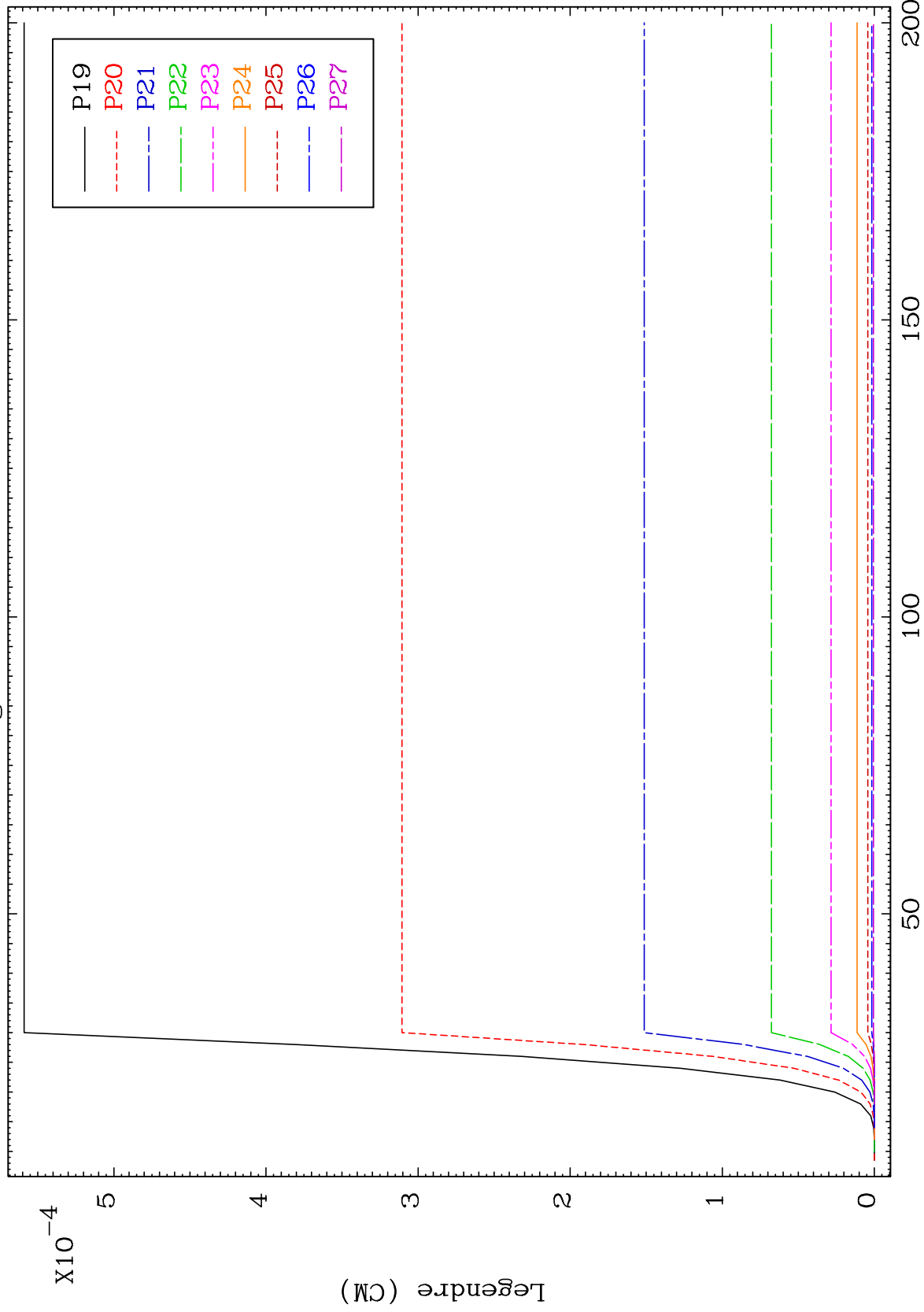
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-84



113

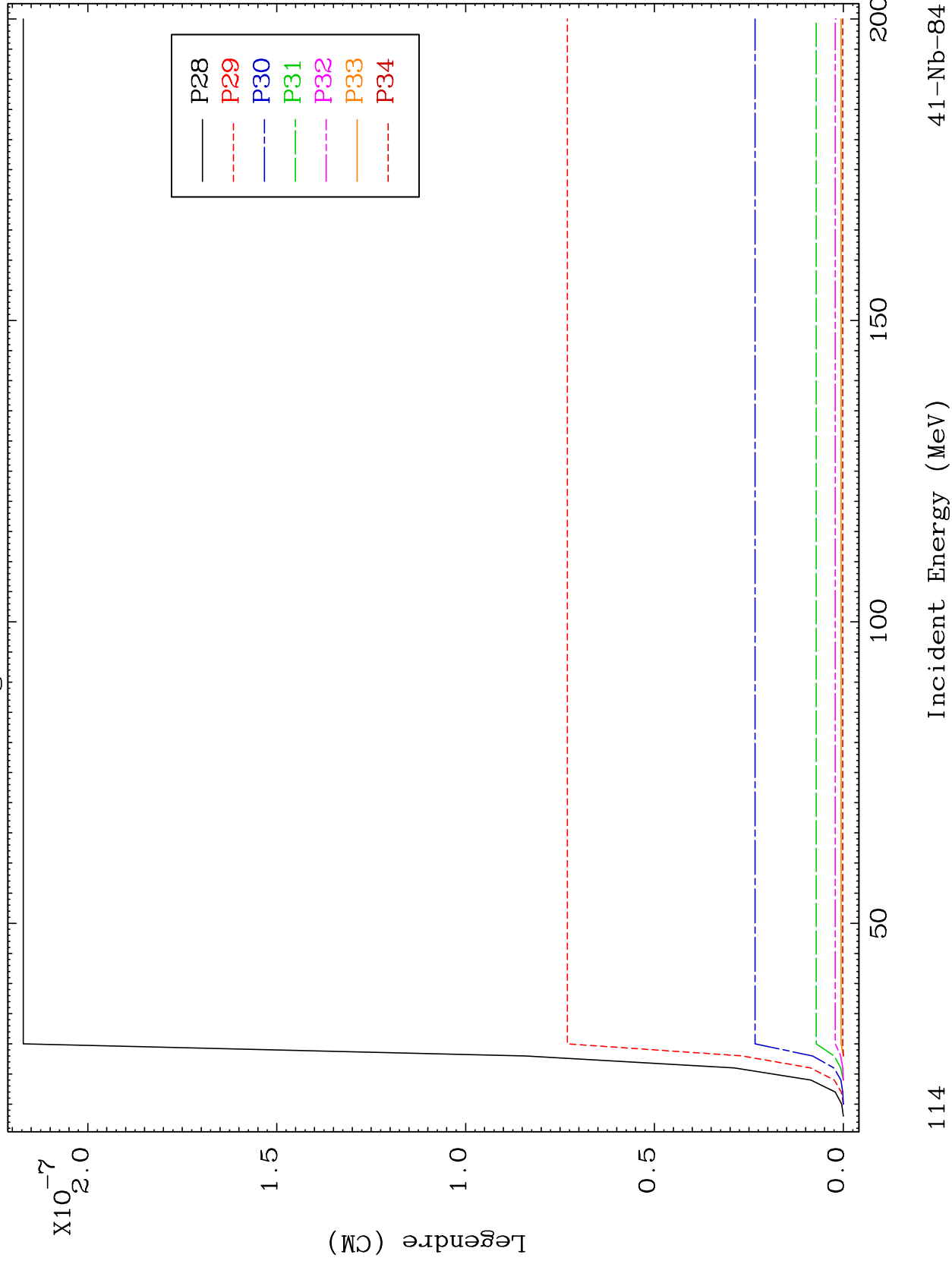
Incident Energy (MeV)

41-Nb-84

MAT 4098

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-84



114

Incident Energy (MeV)

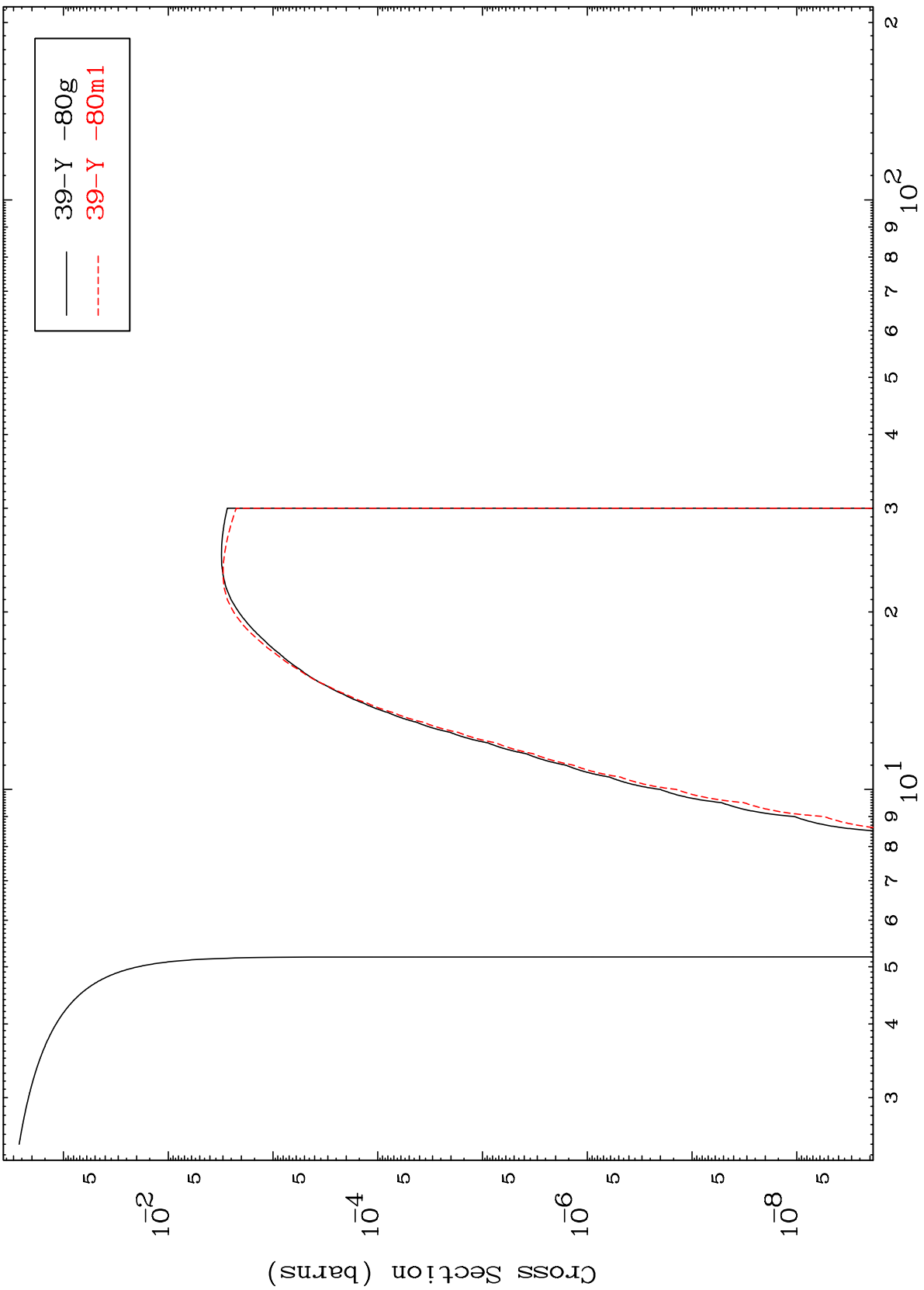
41-Nb-84

MAT 4098

$(n, n') \alpha$

41-Nb-84

Radionuclide Production Cross Section



115

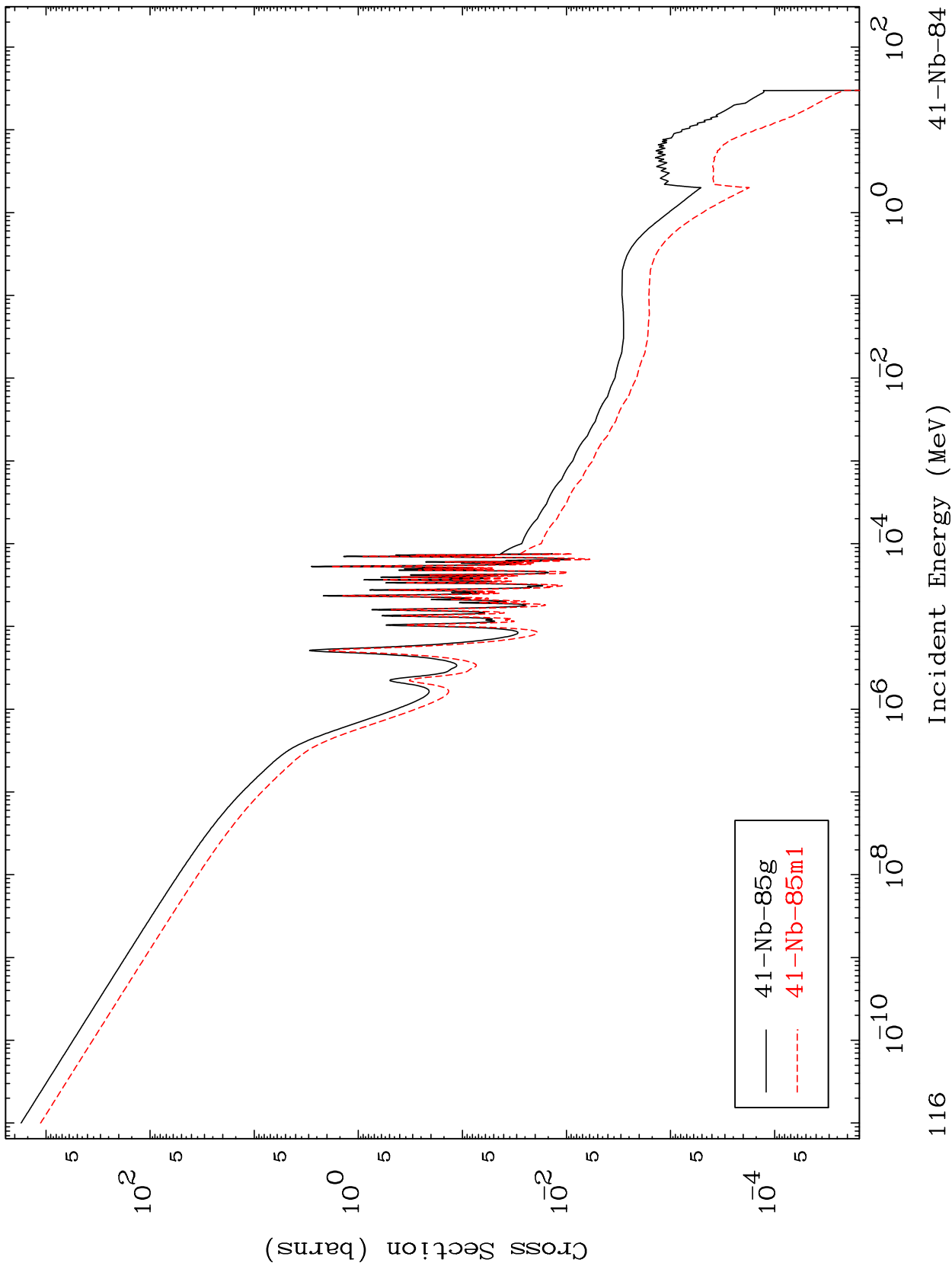
Incident Energy (MeV)

41-Nb-84

MAT 4098

41-Nb-84

(n, γ)
Radionuclide Production Cross Section



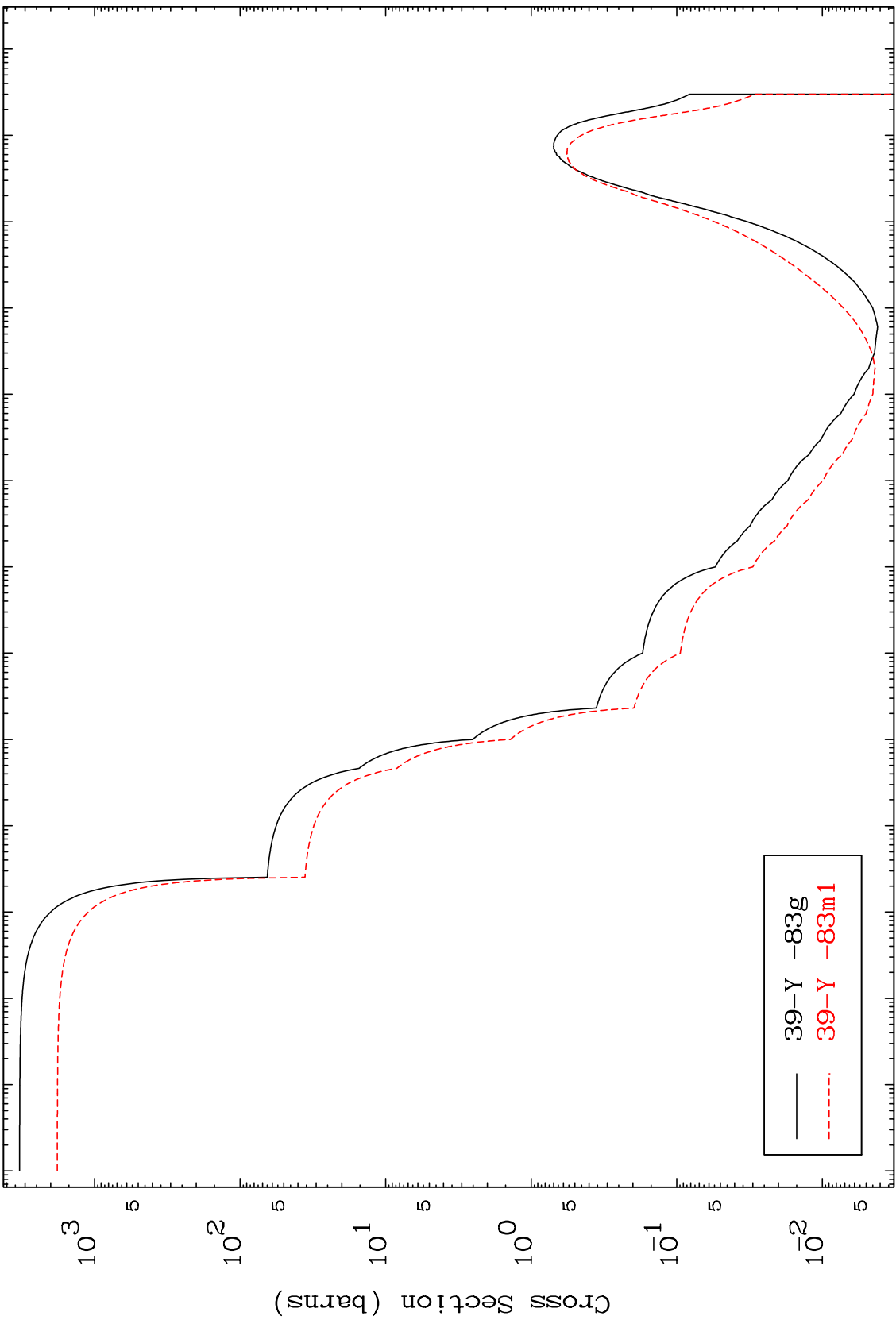
116

41-Nb-84

MAT 4098

41-Nb-84

Radionuclide Production Cross Section
(n,2p)



41-Nb-84

Incident Energy (MeV)

117