

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

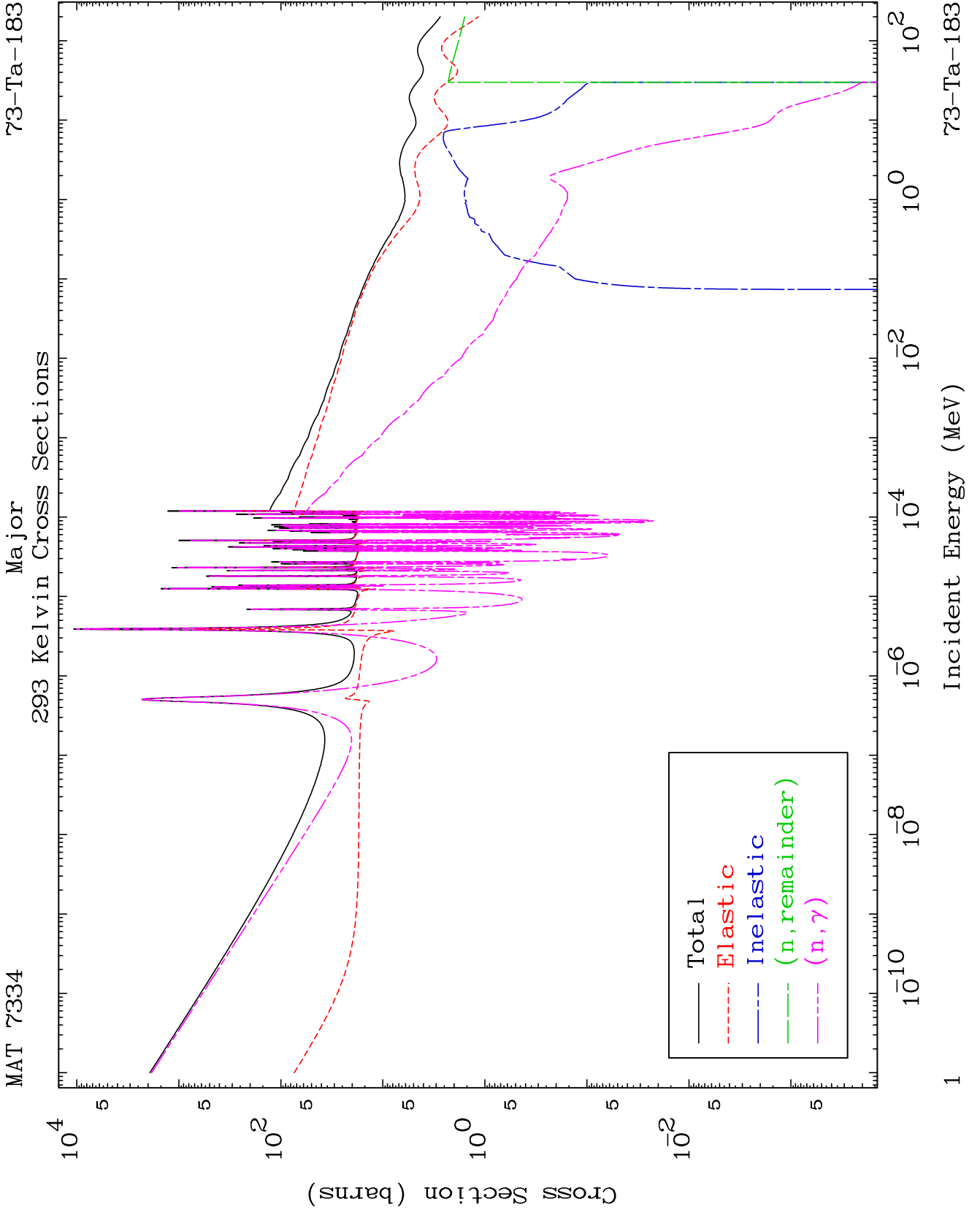
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

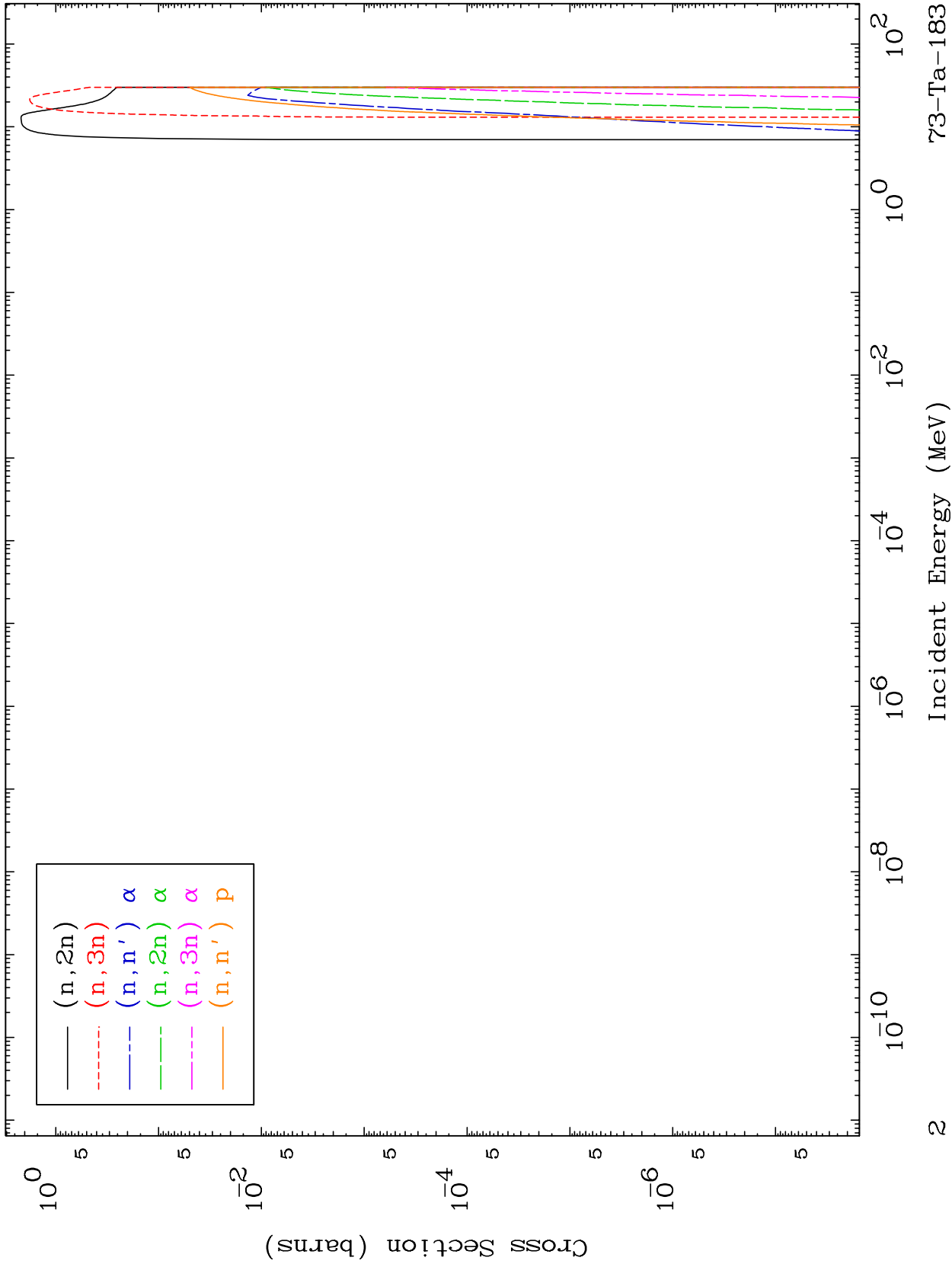
Press Mouse Button to Start

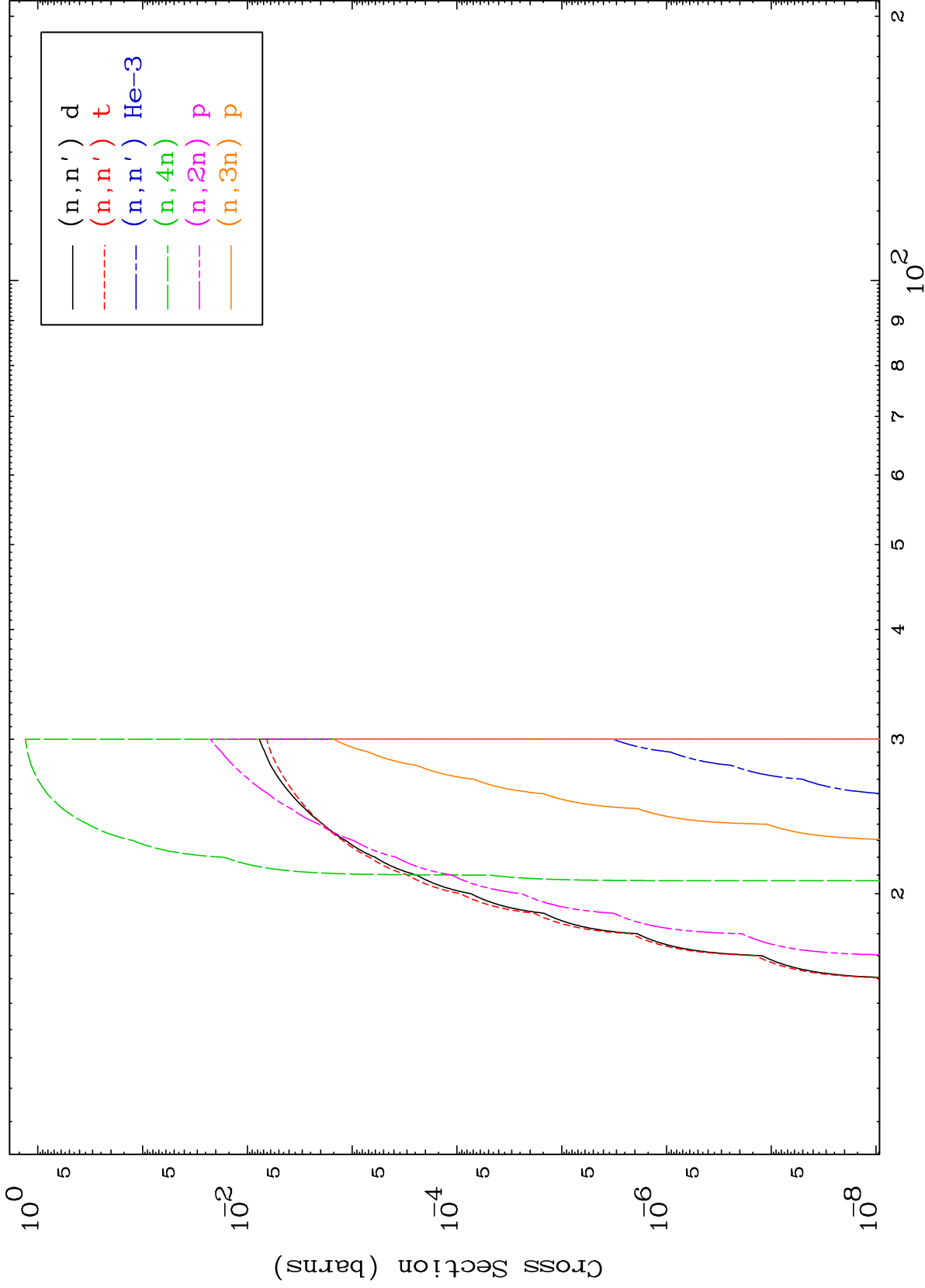


MAT 7334

Neutron Production
293 Kelvin Cross Sections

73-Ta-183

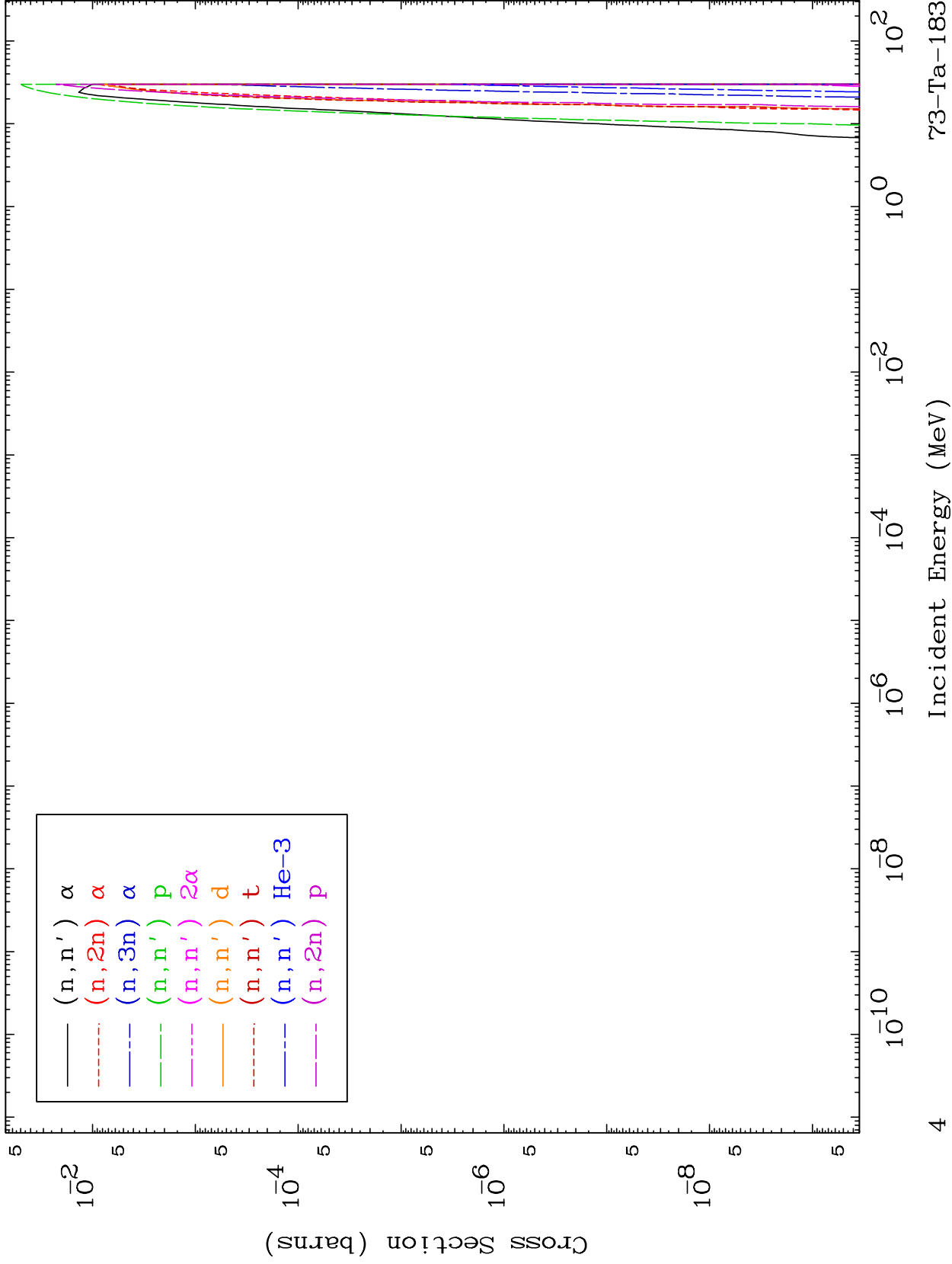




MAT 7334

Charged Particle
293 Kelvin Cross Sections

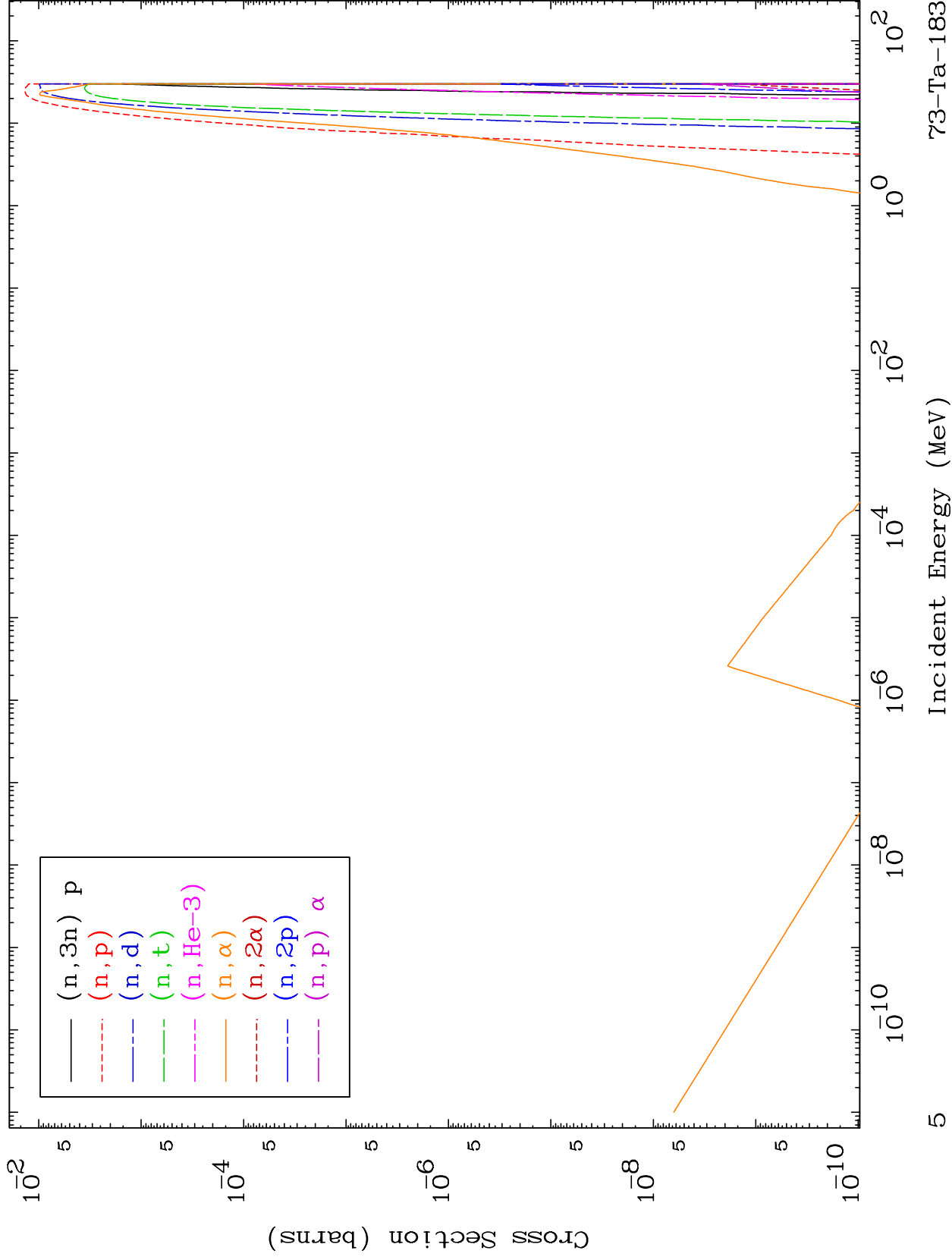
73-Ta-183



MAT 7334

Charged Particle
293 Kelvin Cross Sections

73-Ta-183

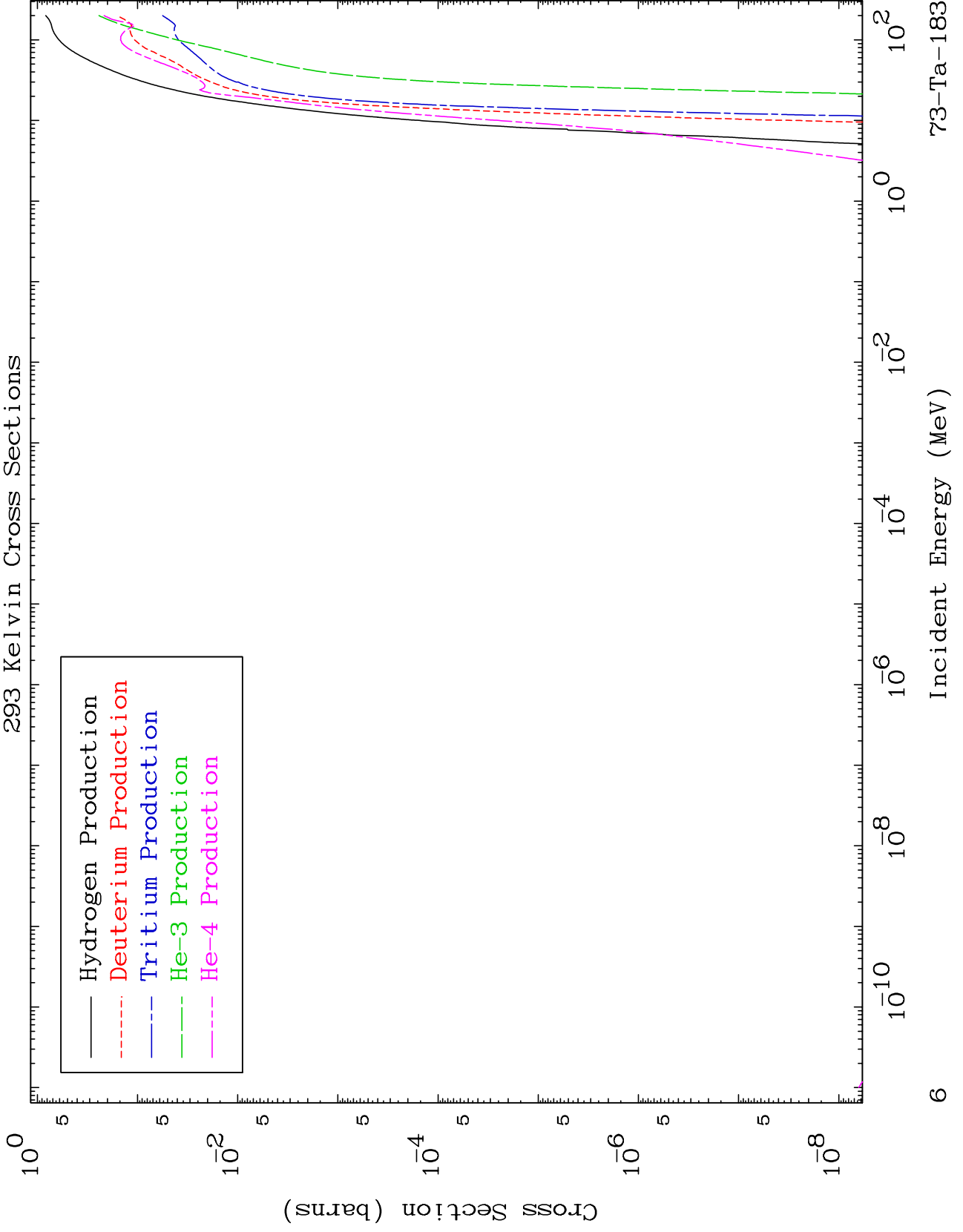


5

MAT 7334

Particle Production
293 Kelvin Cross Sections

73-Ta-183

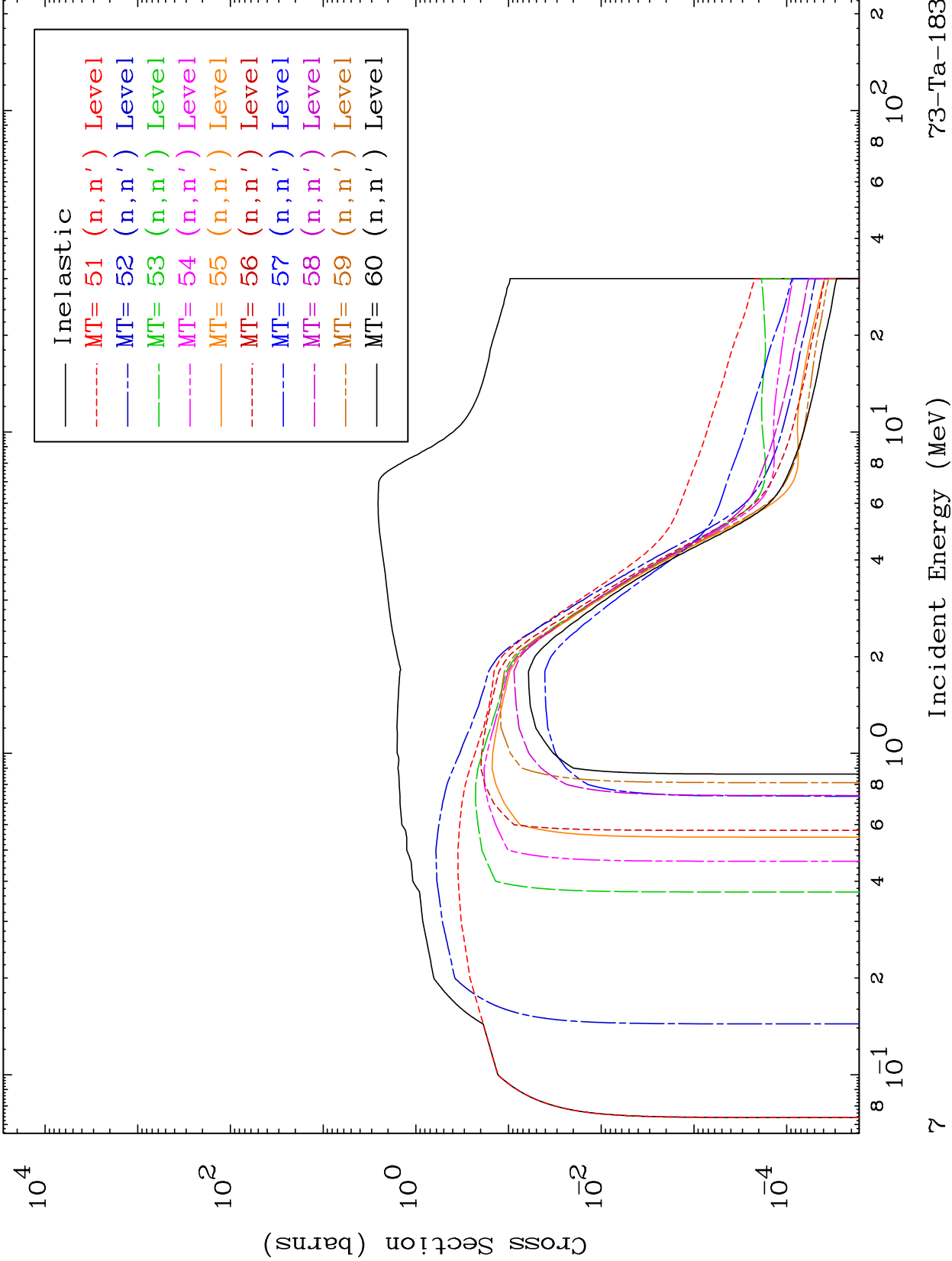


MAT 7334

(n,n') Level

73-Ta-183

293 Kelvin Cross Sections



73-Ta-183

Incident Energy (MeV)

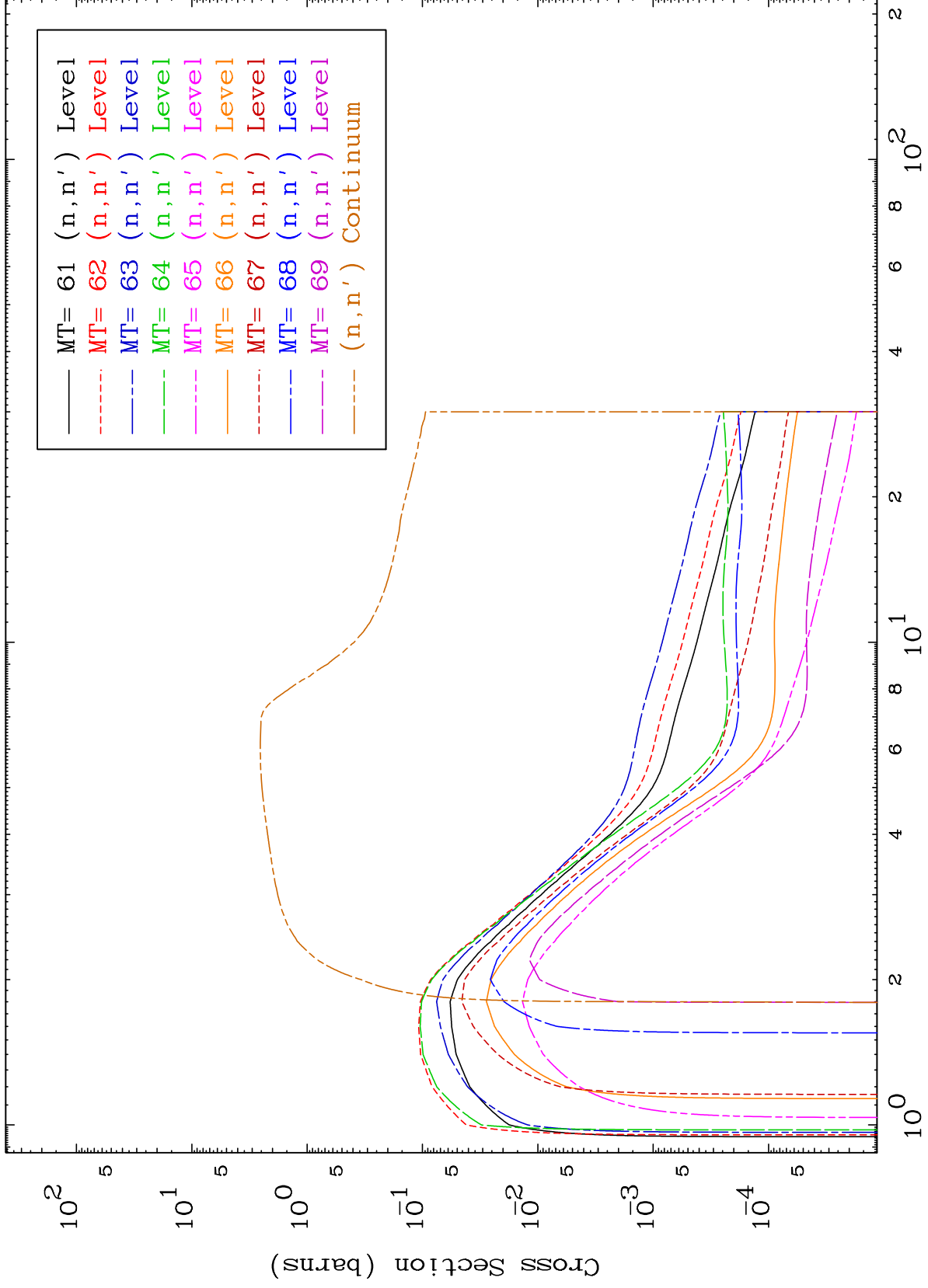
7

MAT 7334

(n,n') Level

73-Ta-183

293 Kelvin Cross Sections



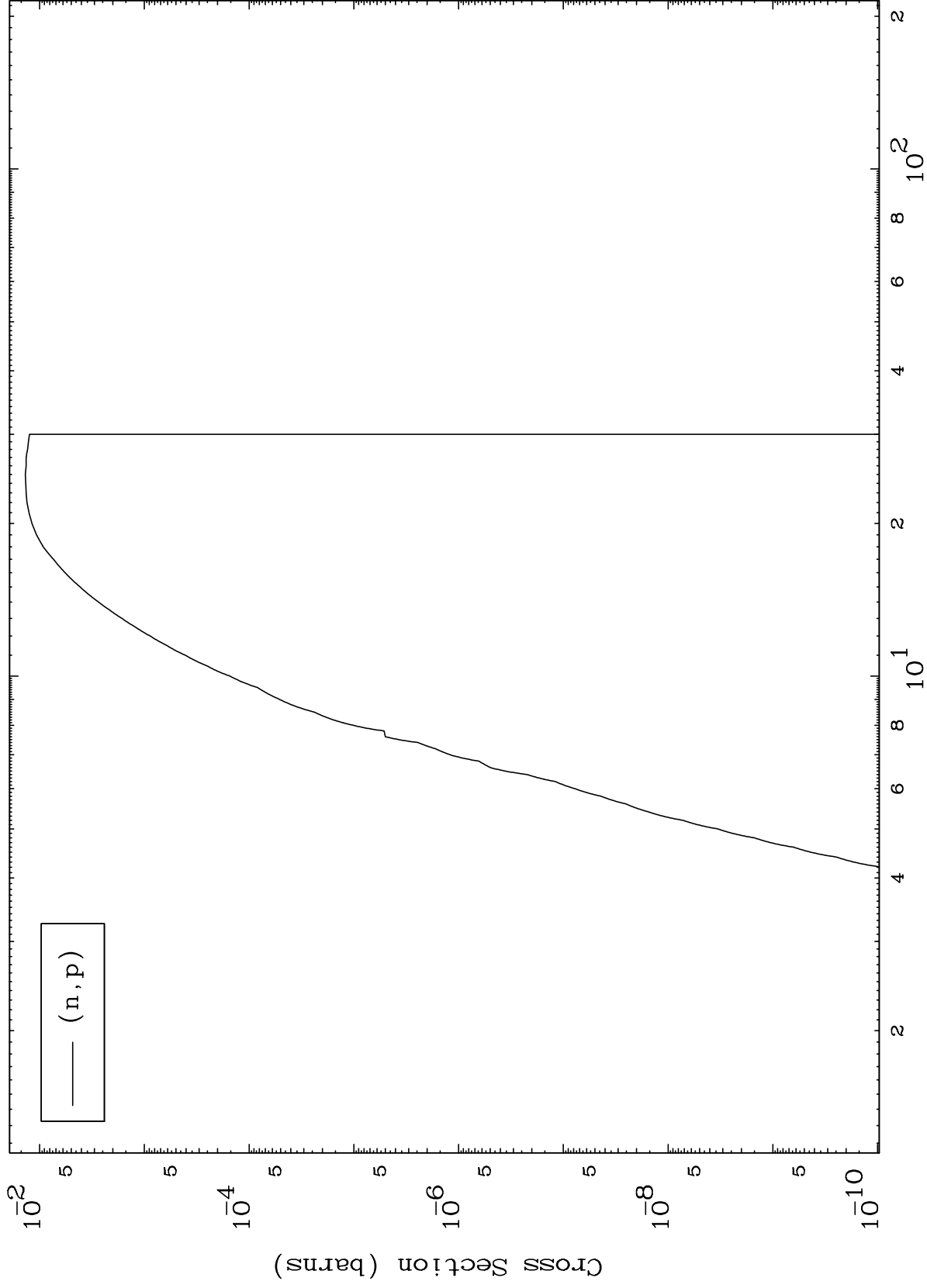
Incident Energy (MeV)

73-Ta-183

MAT 7334

(n,p) Levels
293 Kelvin Cross Sections

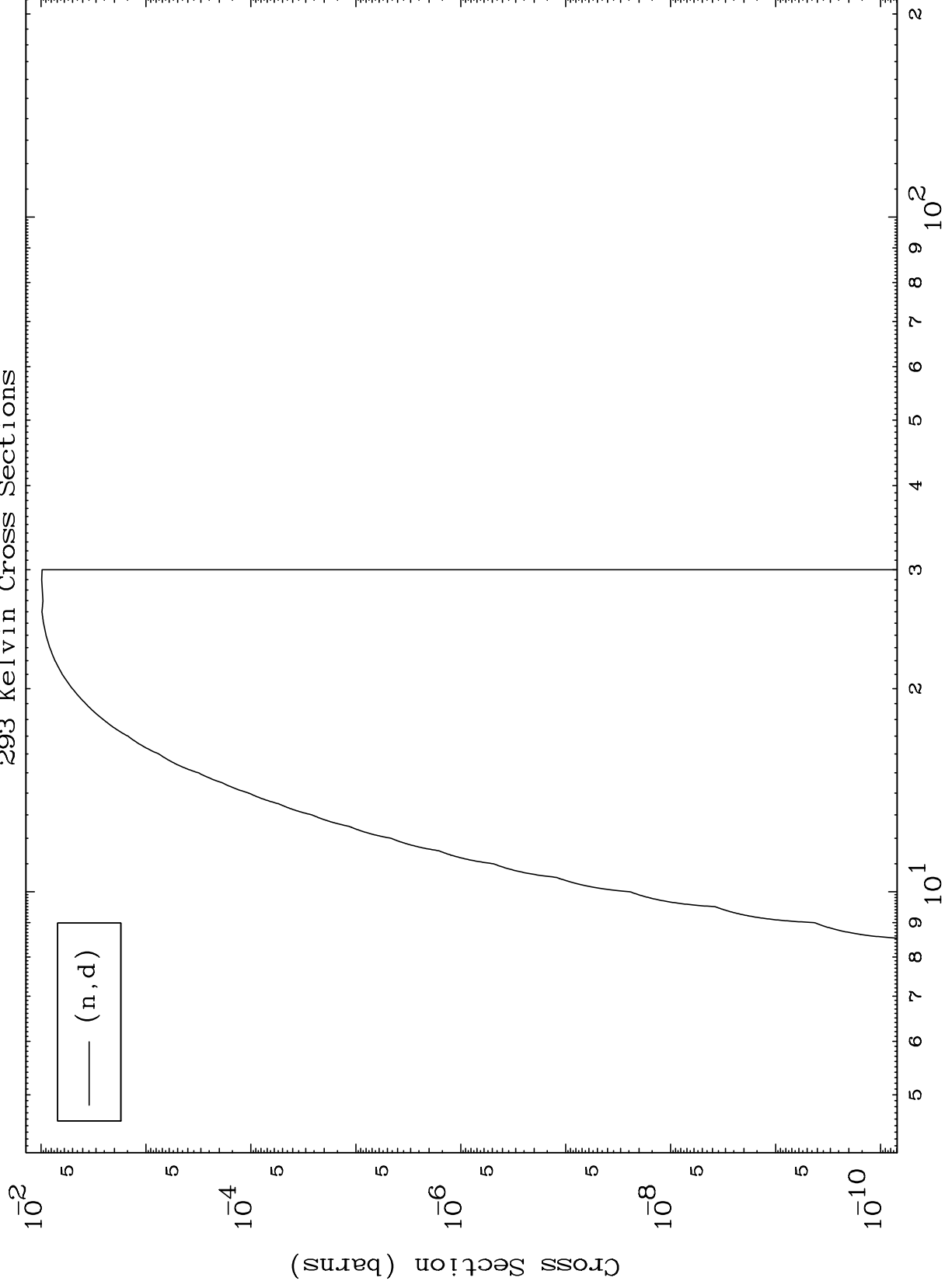
73-Ta-183



MAT 7334

(n,d) Levels
293 Kelvin Cross Sections

⁷³Ta-183



10

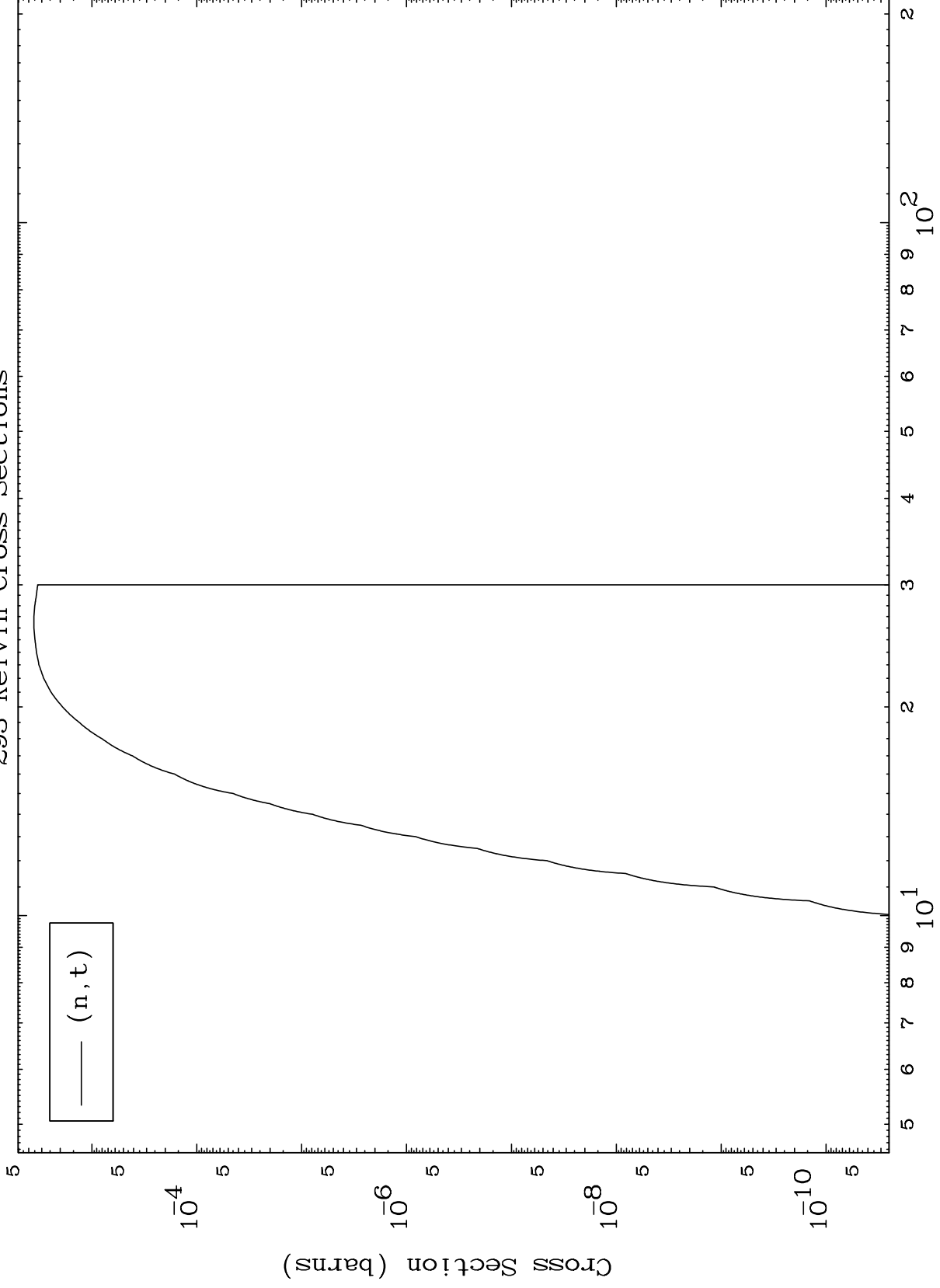
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

(n,t) Levels
293 Kelvin Cross Sections

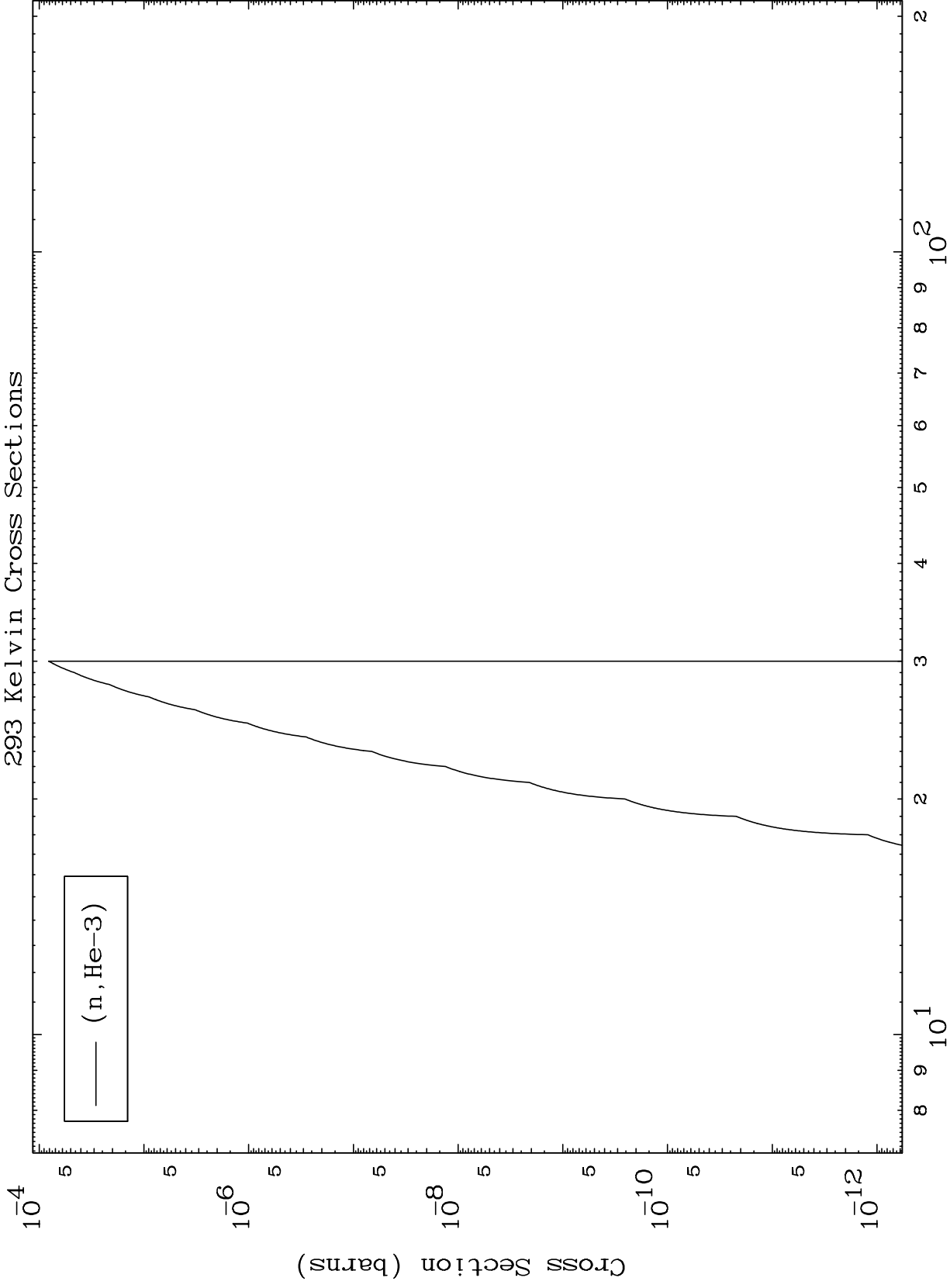
⁷³Ta-183



MAT 7334

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-183



12

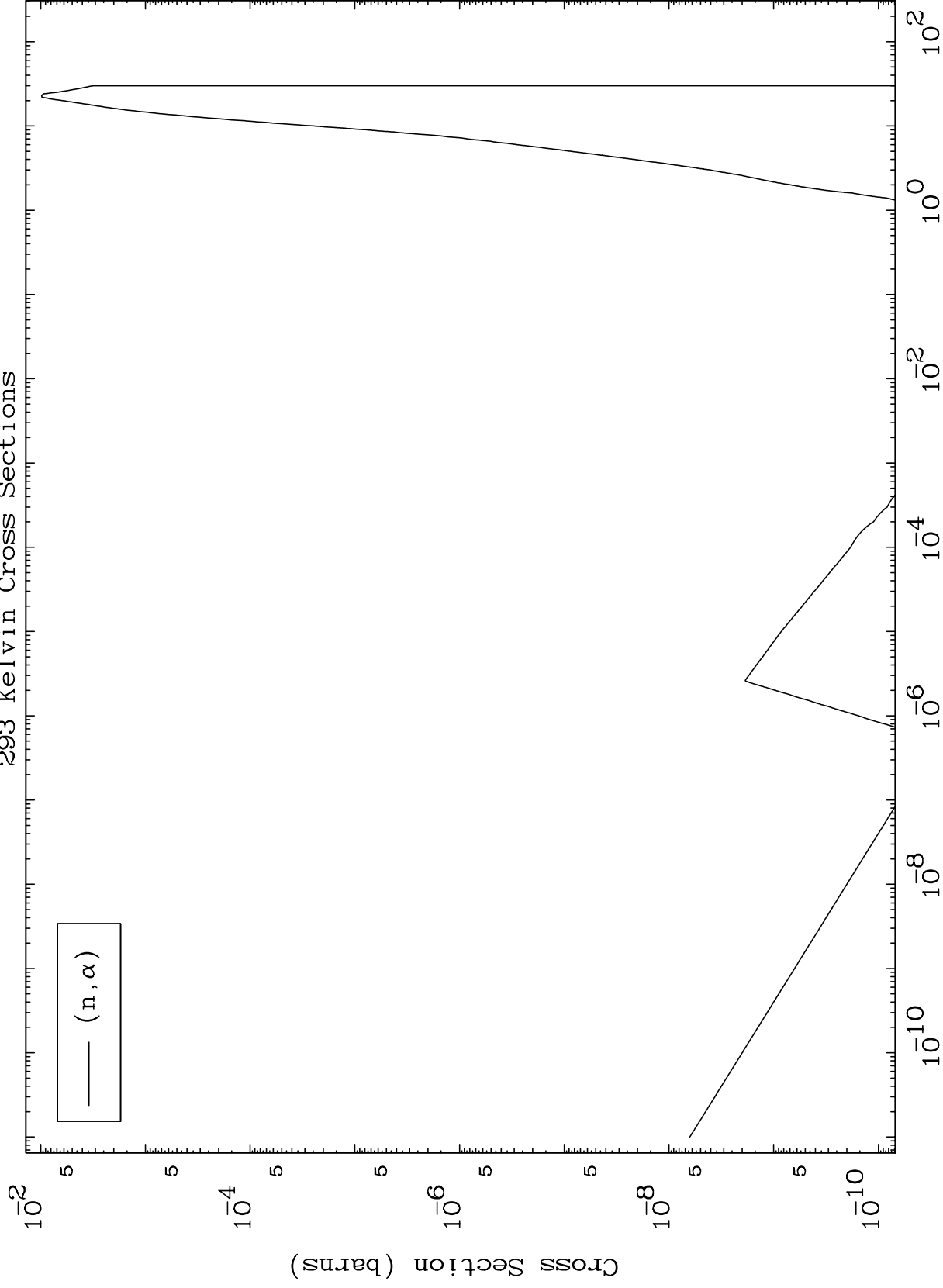
Incident Energy (MeV)

73-Ta-183

MAT 7334

(n, α) Levels
293 Kelvin Cross Sections

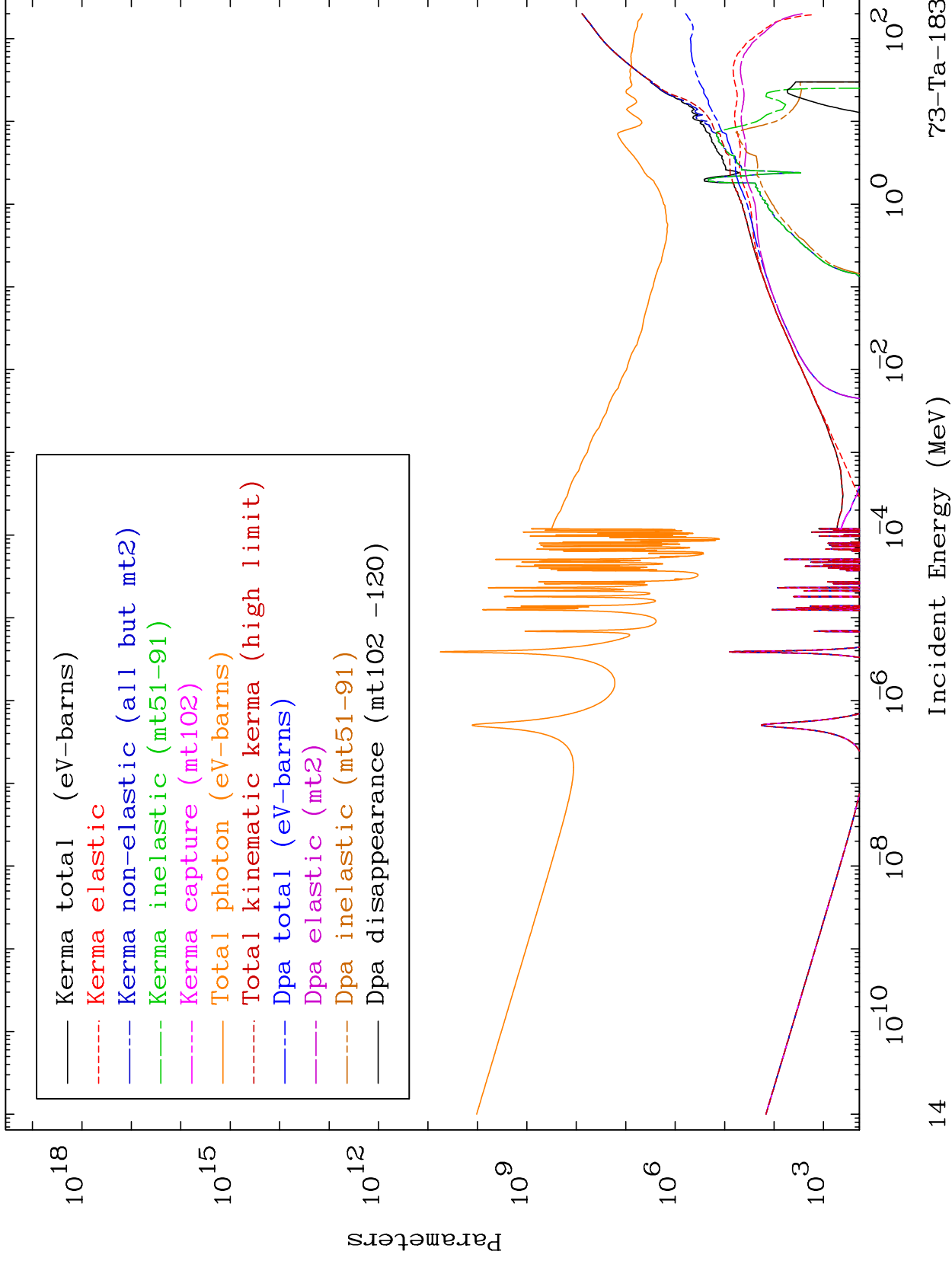
73-Ta-183

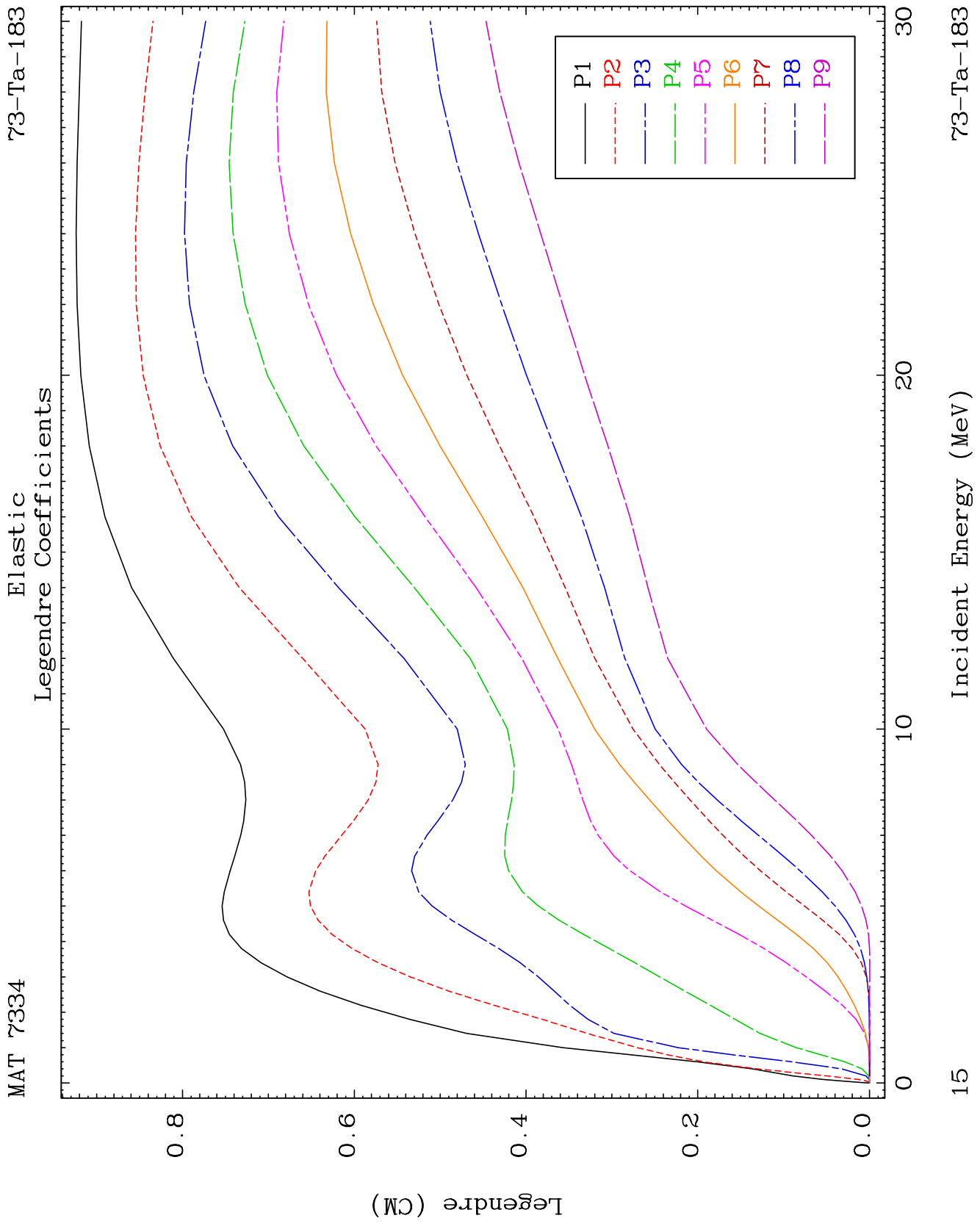


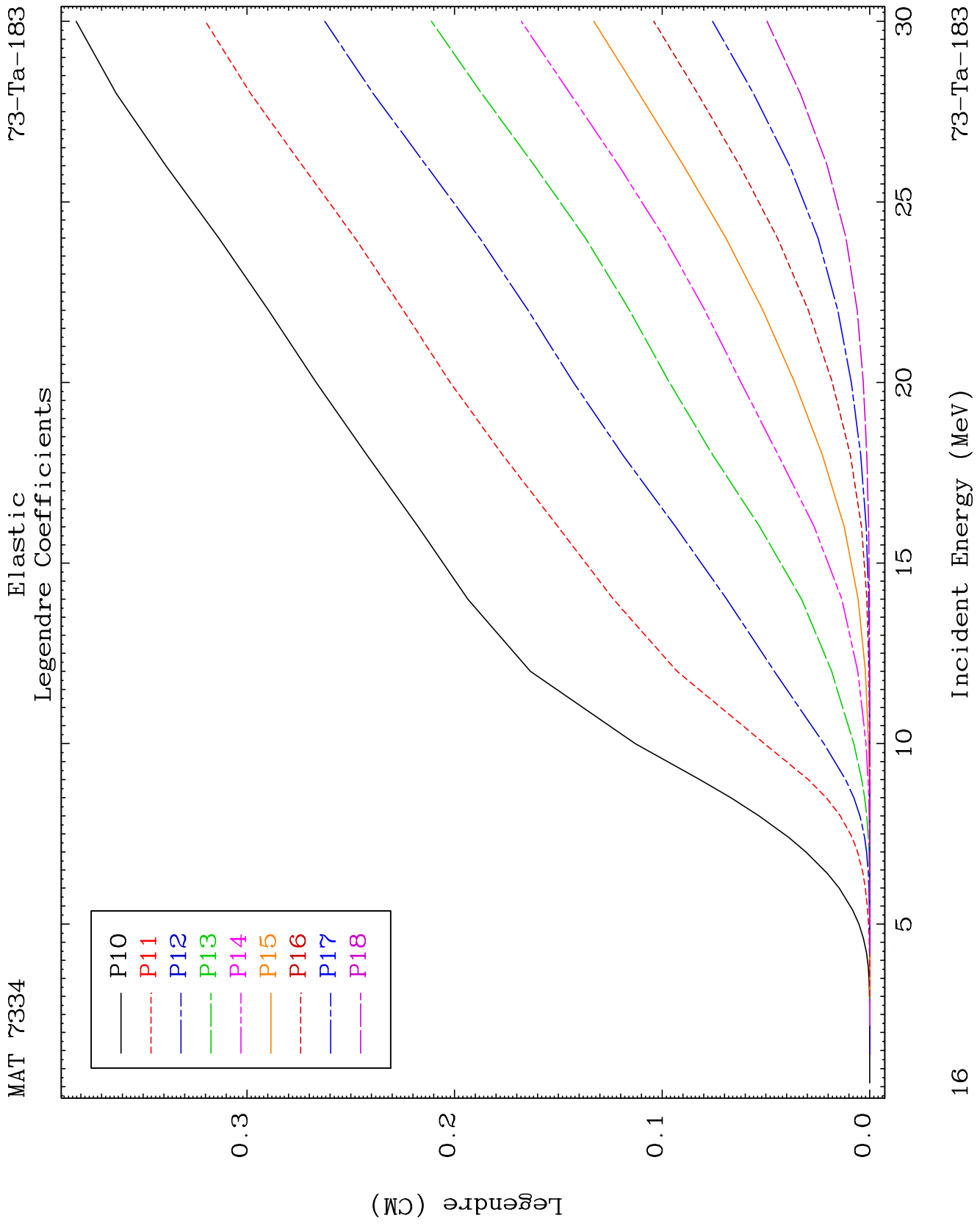
13

Incident Energy (MeV)

73-Ta-183



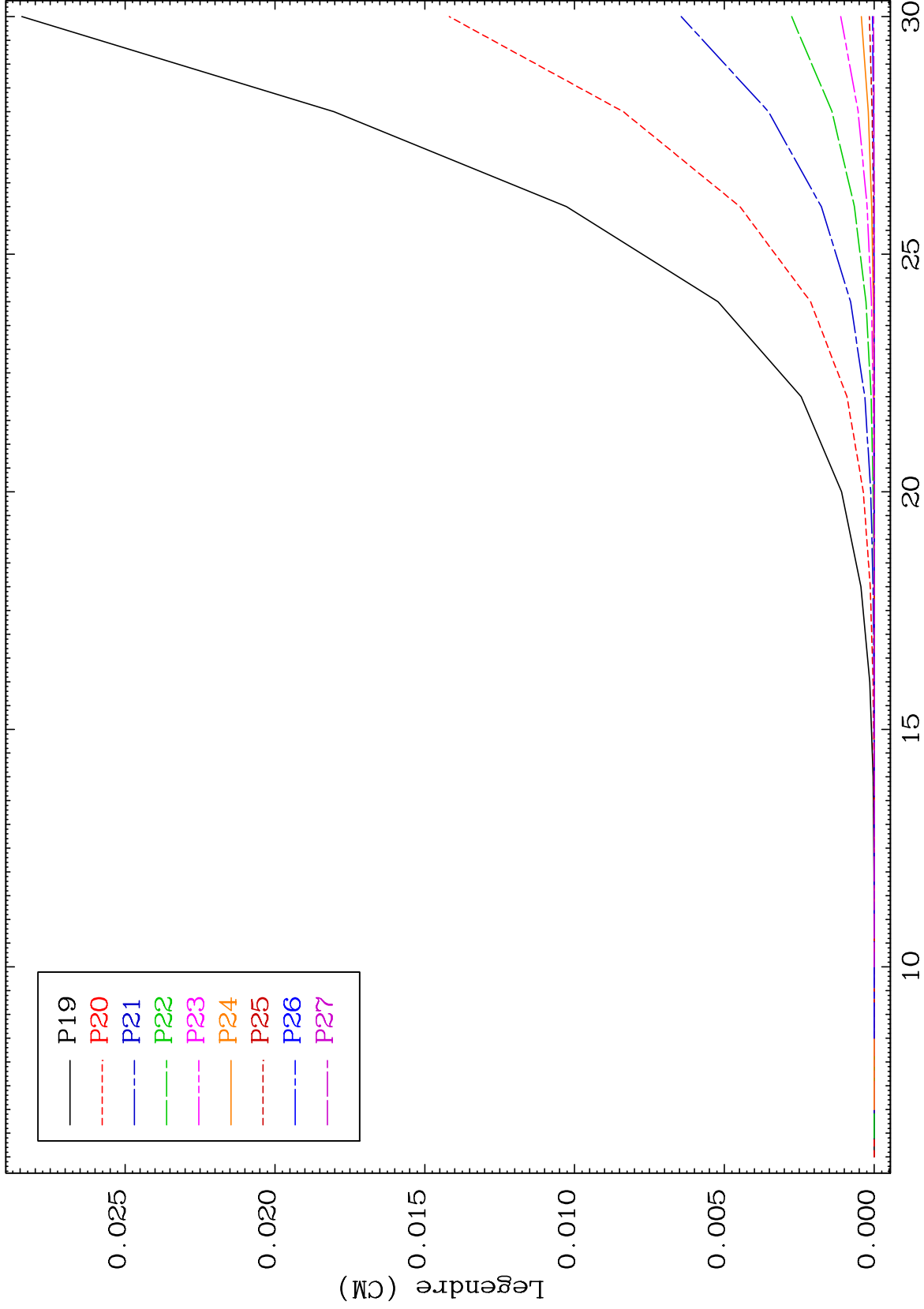




MAT 7334

Elastic Legendre Coefficients

⁷³Ta-183



17

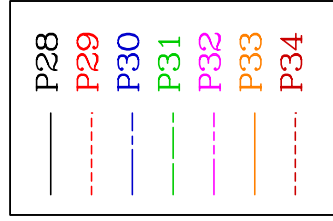
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

Elastic
Legendre Coefficients

⁷³Ta-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

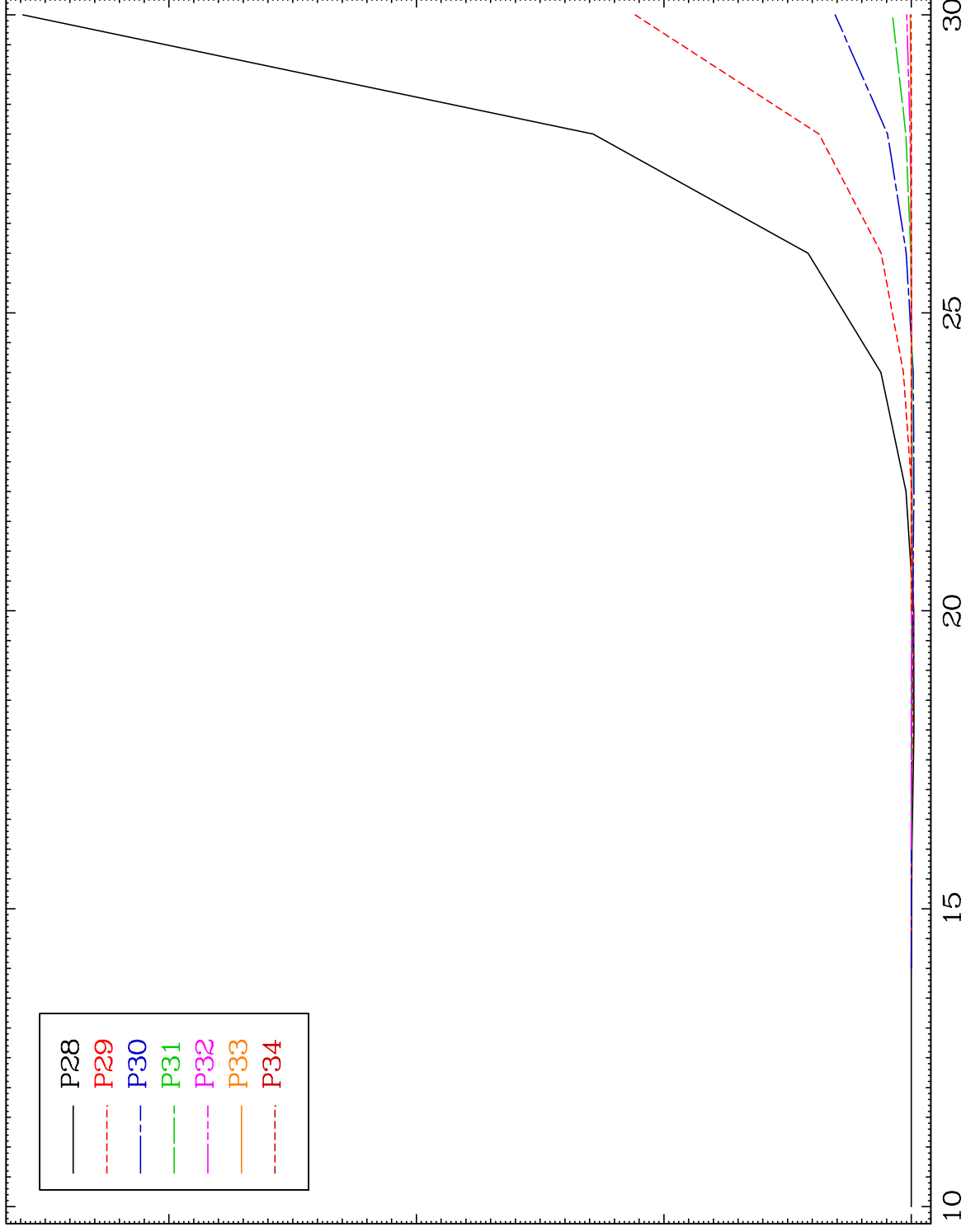
25

30

18

Incident Energy (MeV)

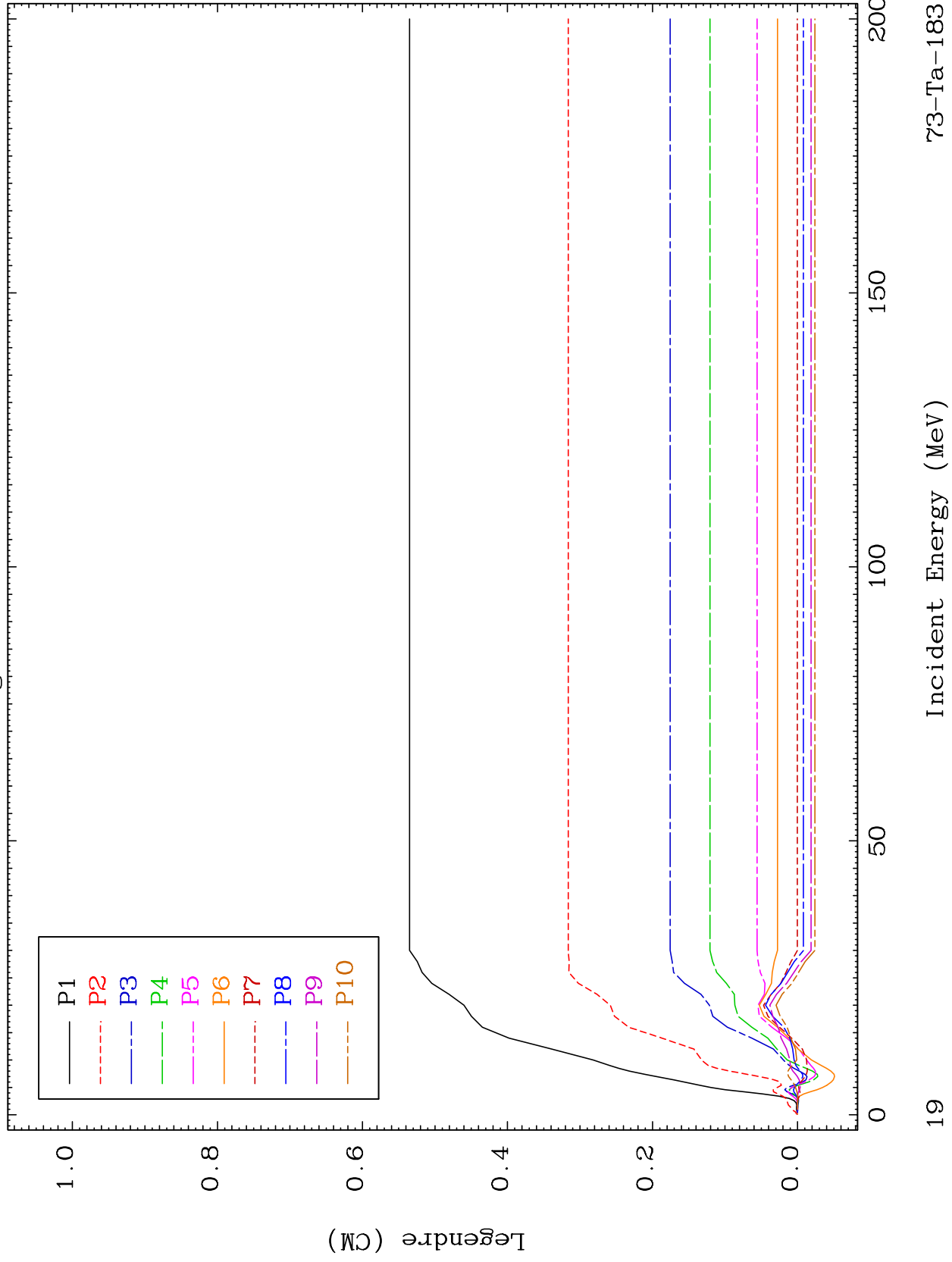
⁷³Ta-183



MAT 7334

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

⁷³Ta-183

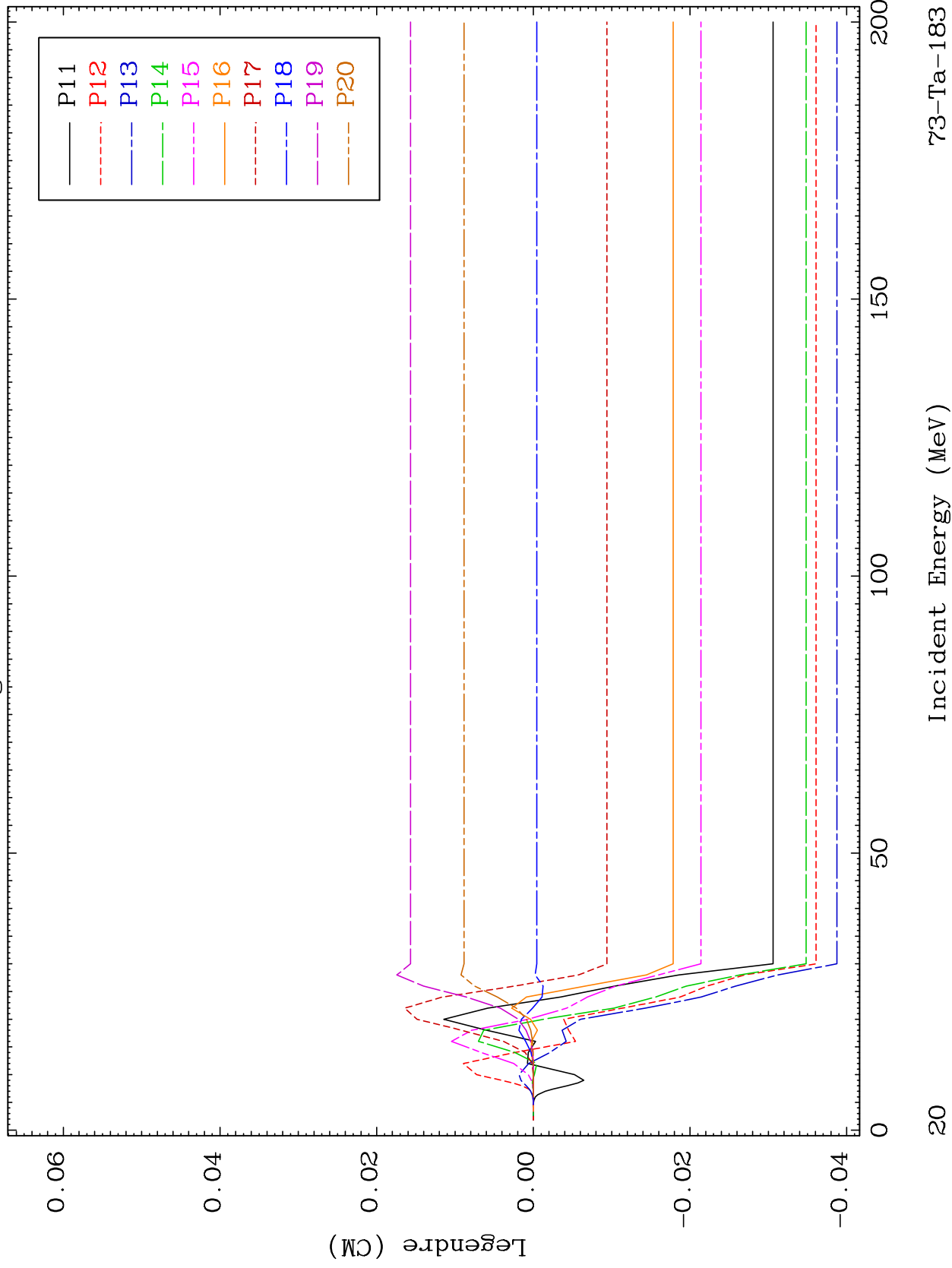


19

MAT 7334

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

73-Ta-183



73-Ta-183

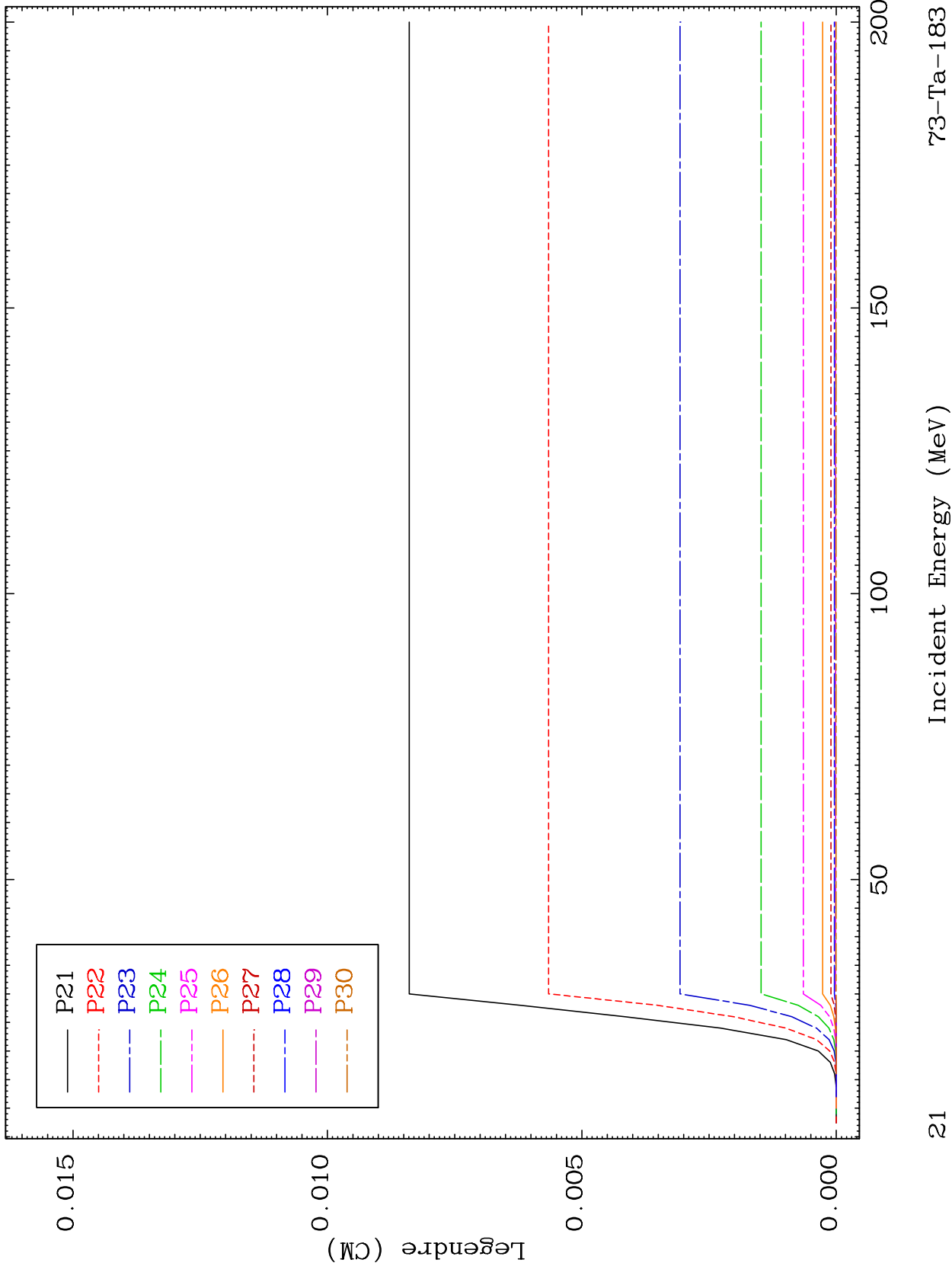
Incident Energy (MeV)

20

MAT 7334

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

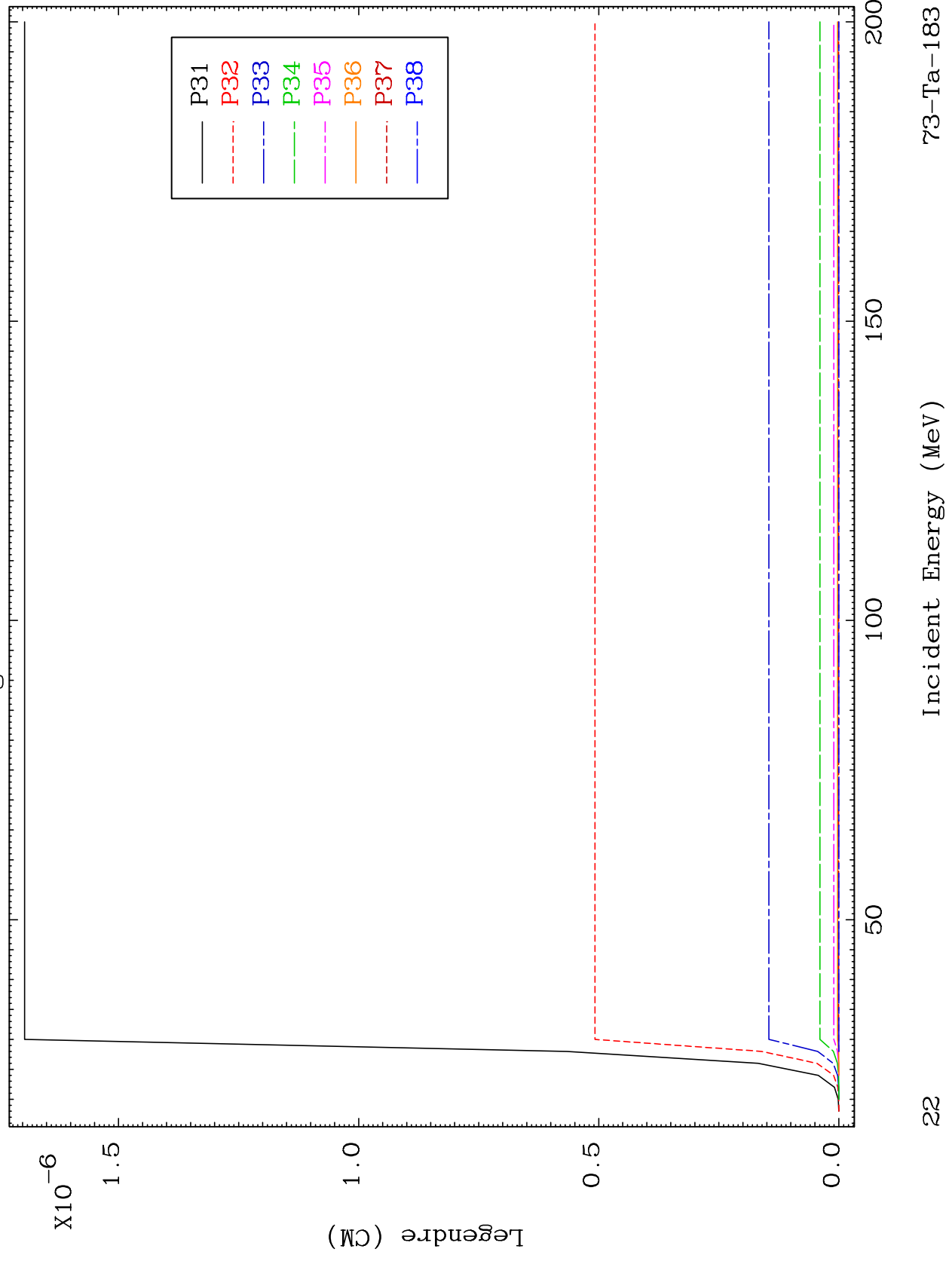
73-Ta-183



MAT 7334

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

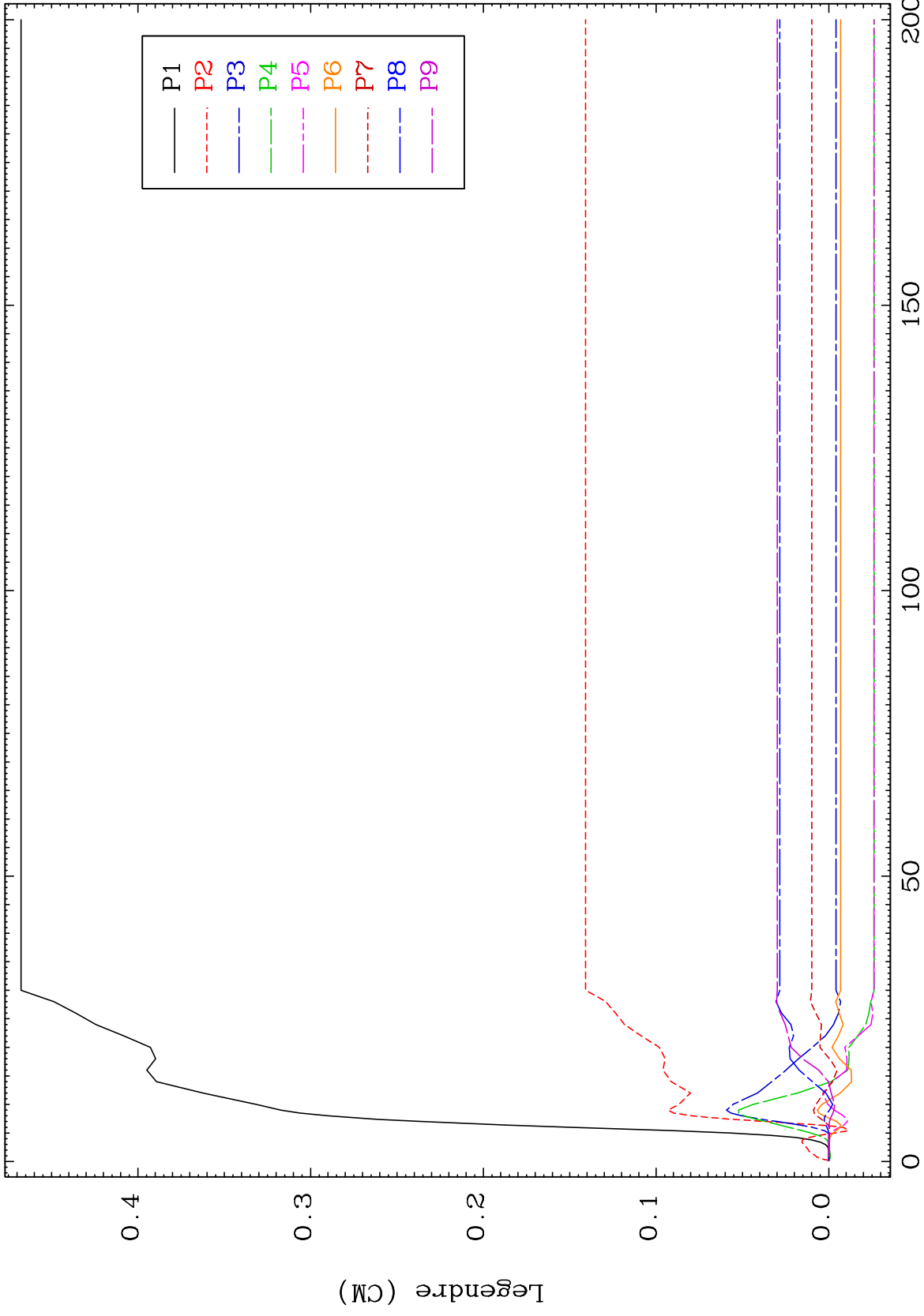
73-Ta-183



MAT 7334

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

73-Ta-183



23

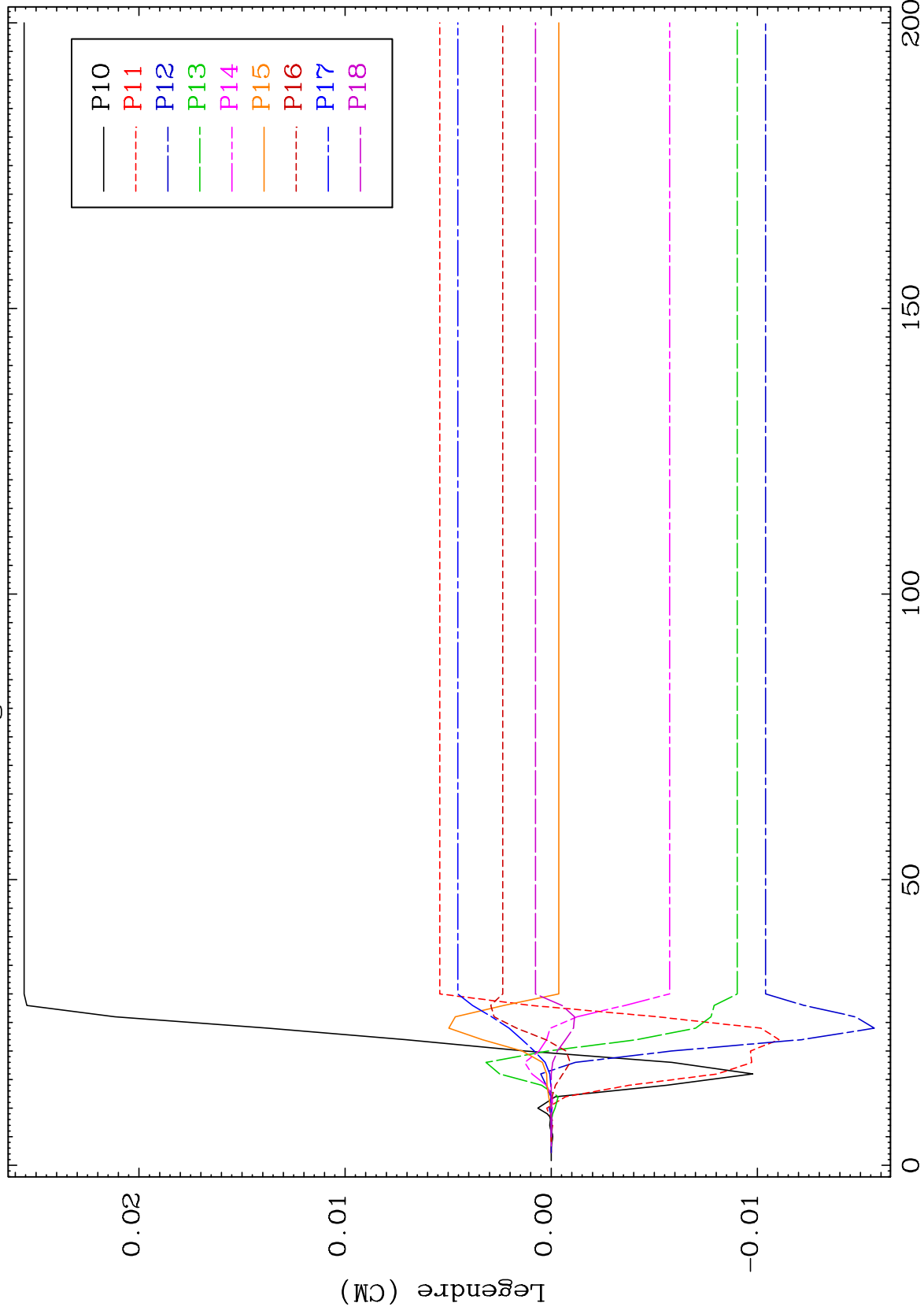
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



24

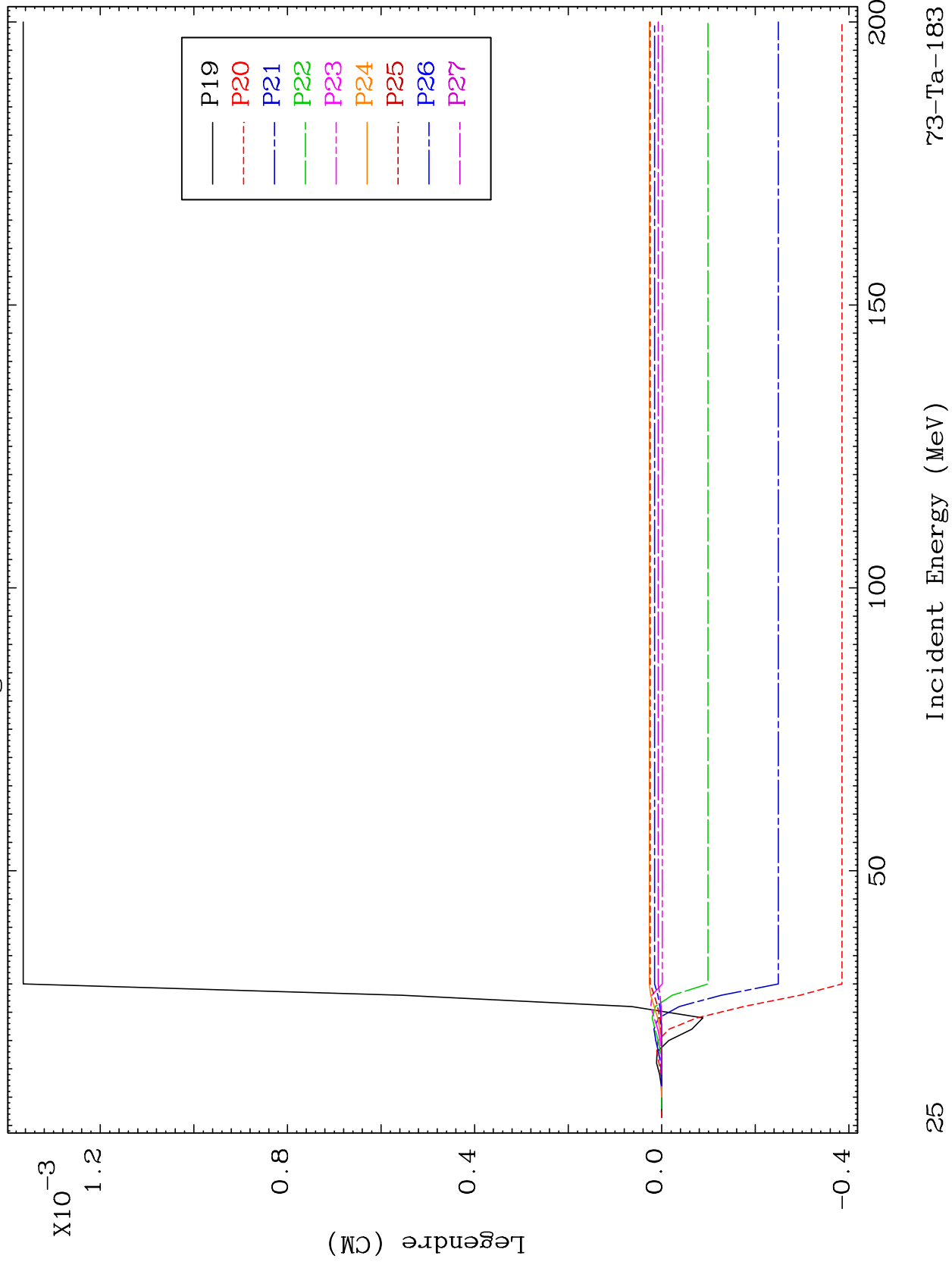
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

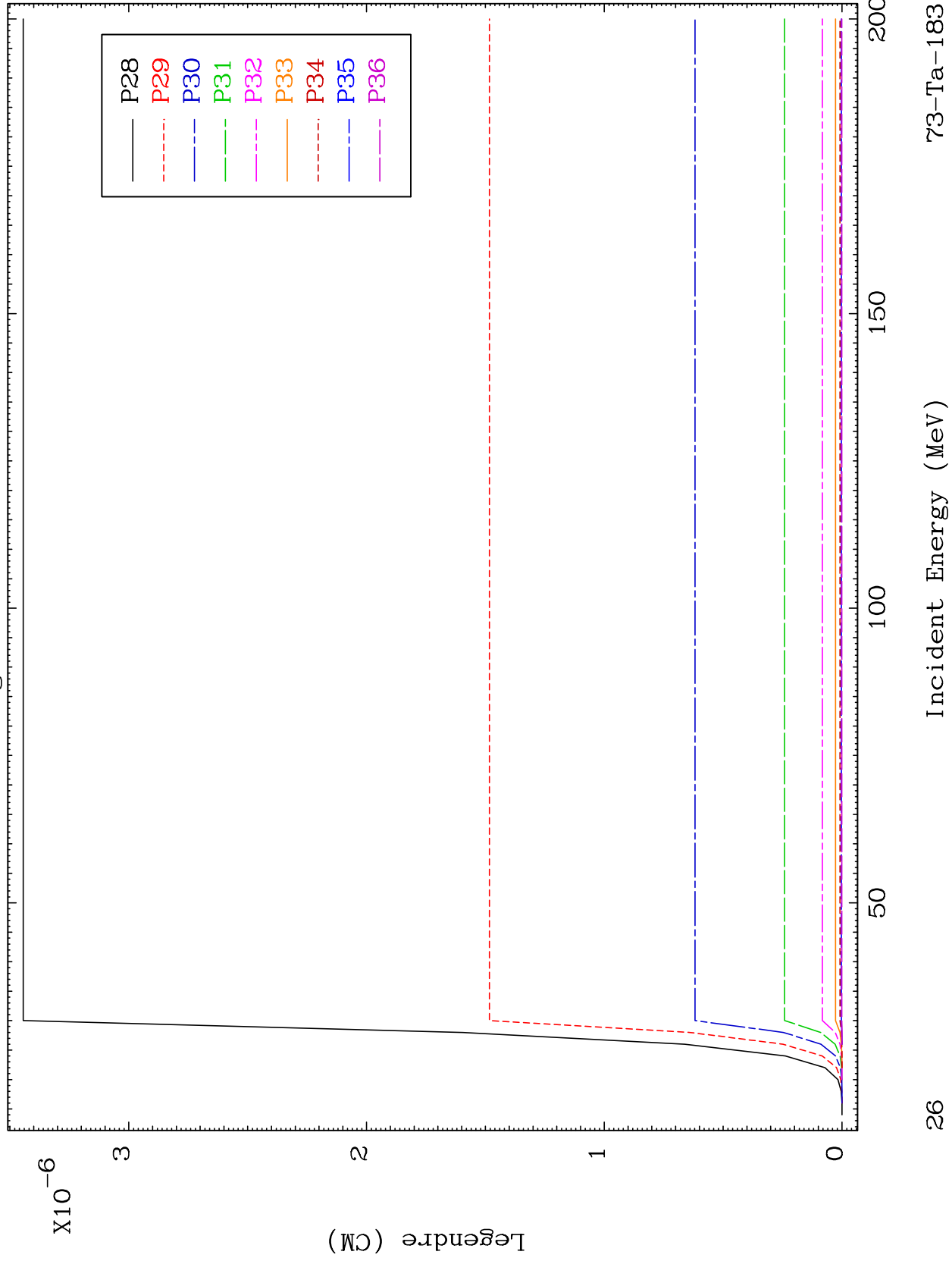
73-Ta-183



MAT 7334

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

73-Ta-183

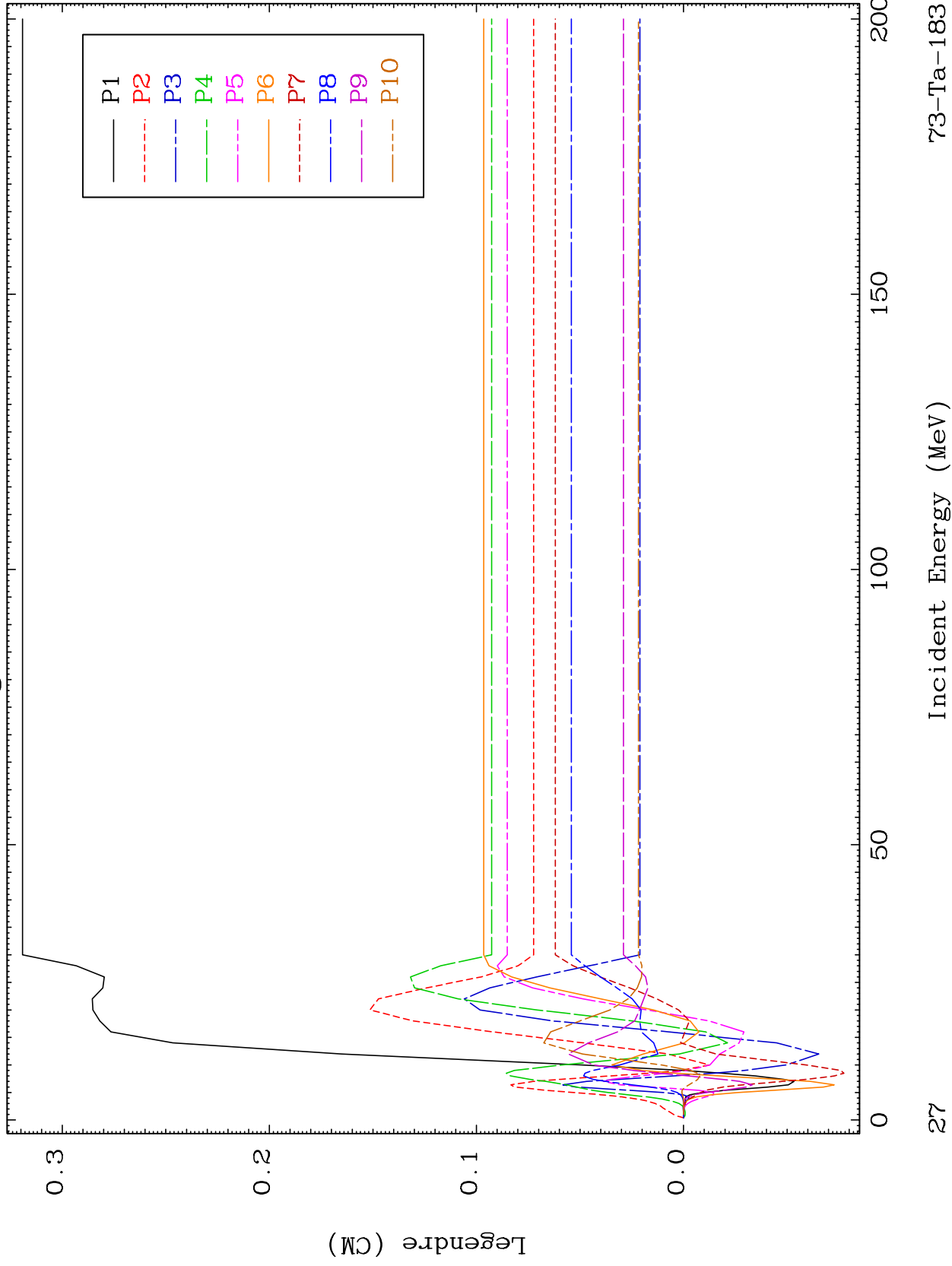


26

MAT 7334

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

⁷³Ta-183



⁷³Ta-183

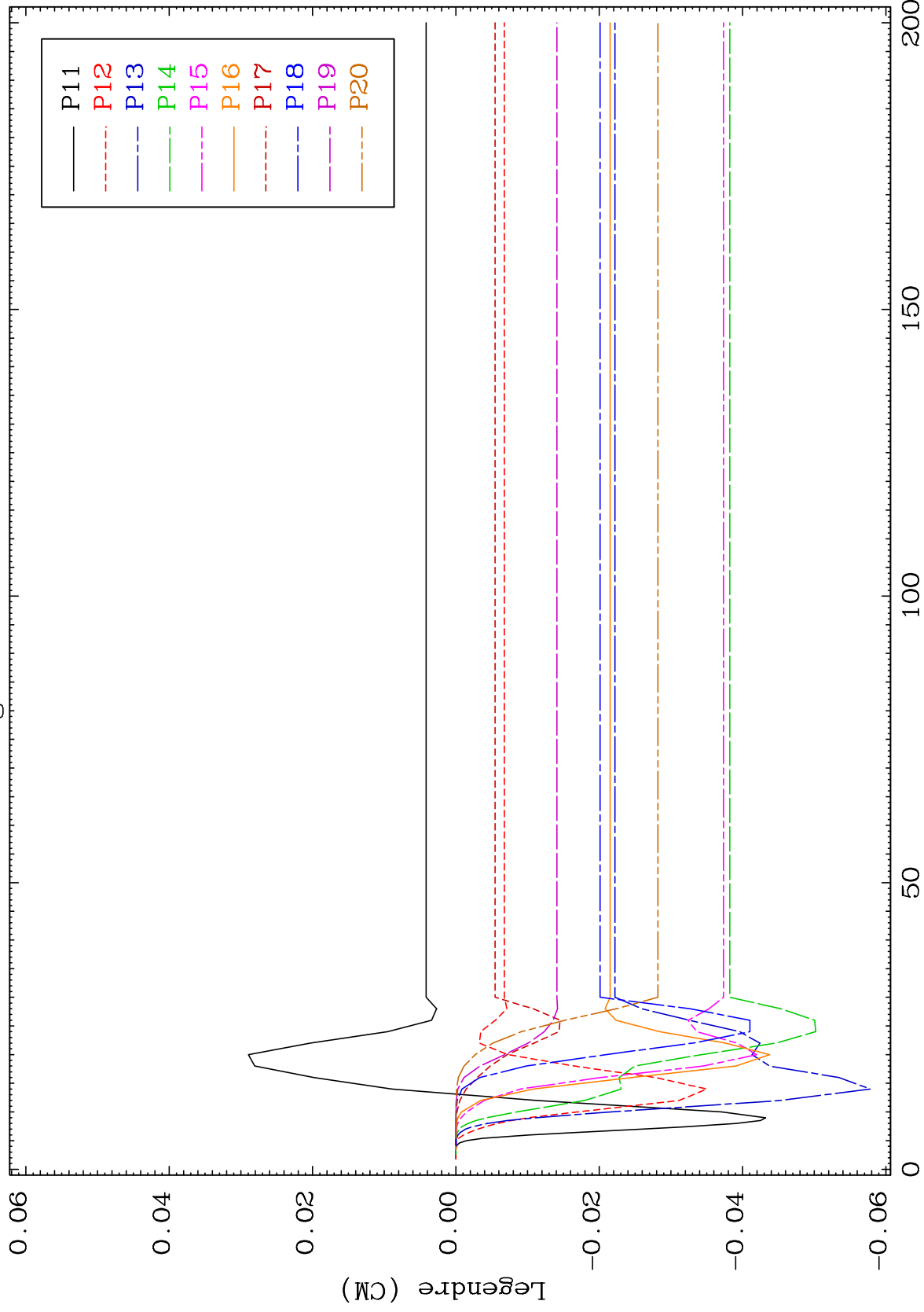
Incident Energy (MeV)

27

MAT 7334

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

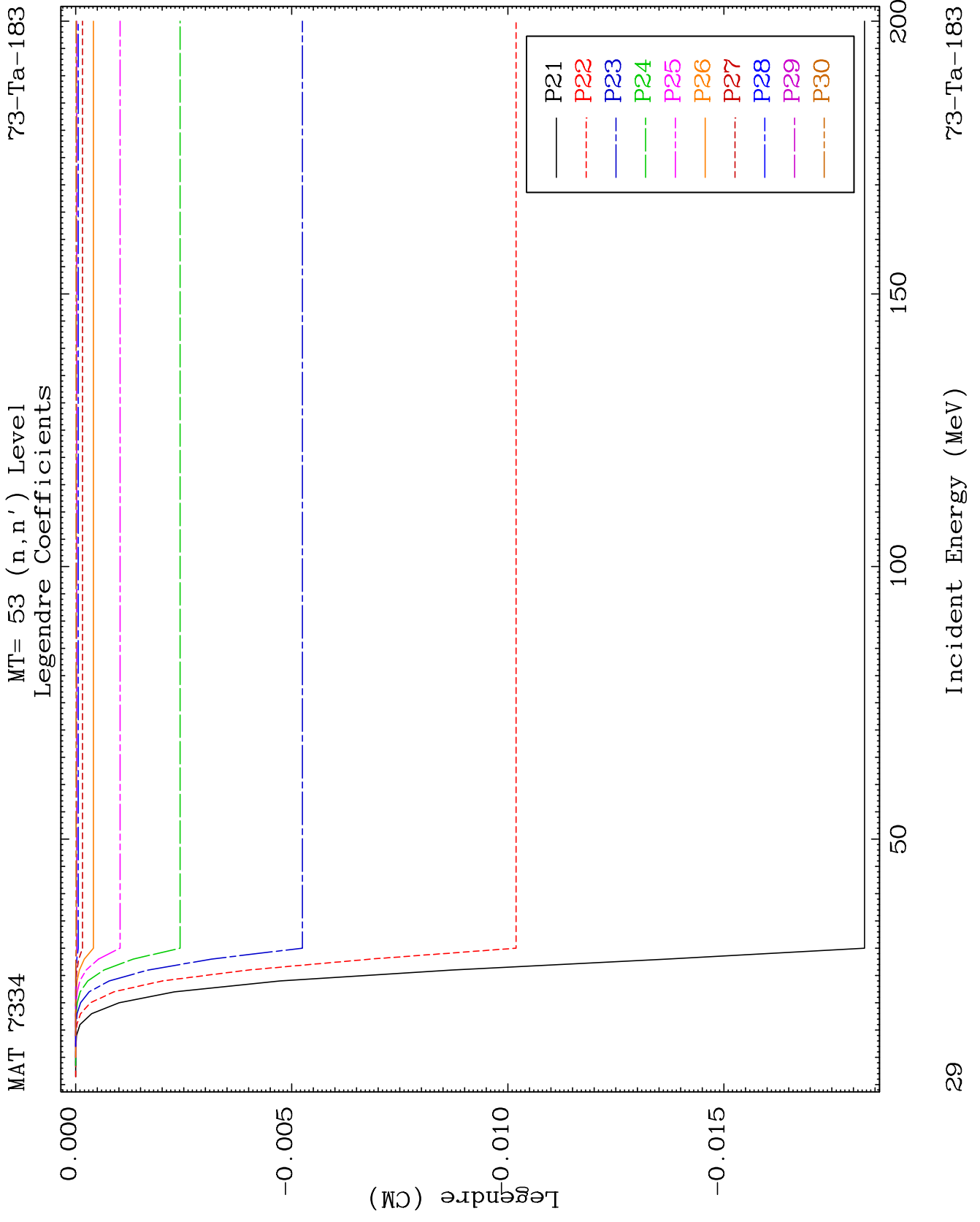
73-Ta-183

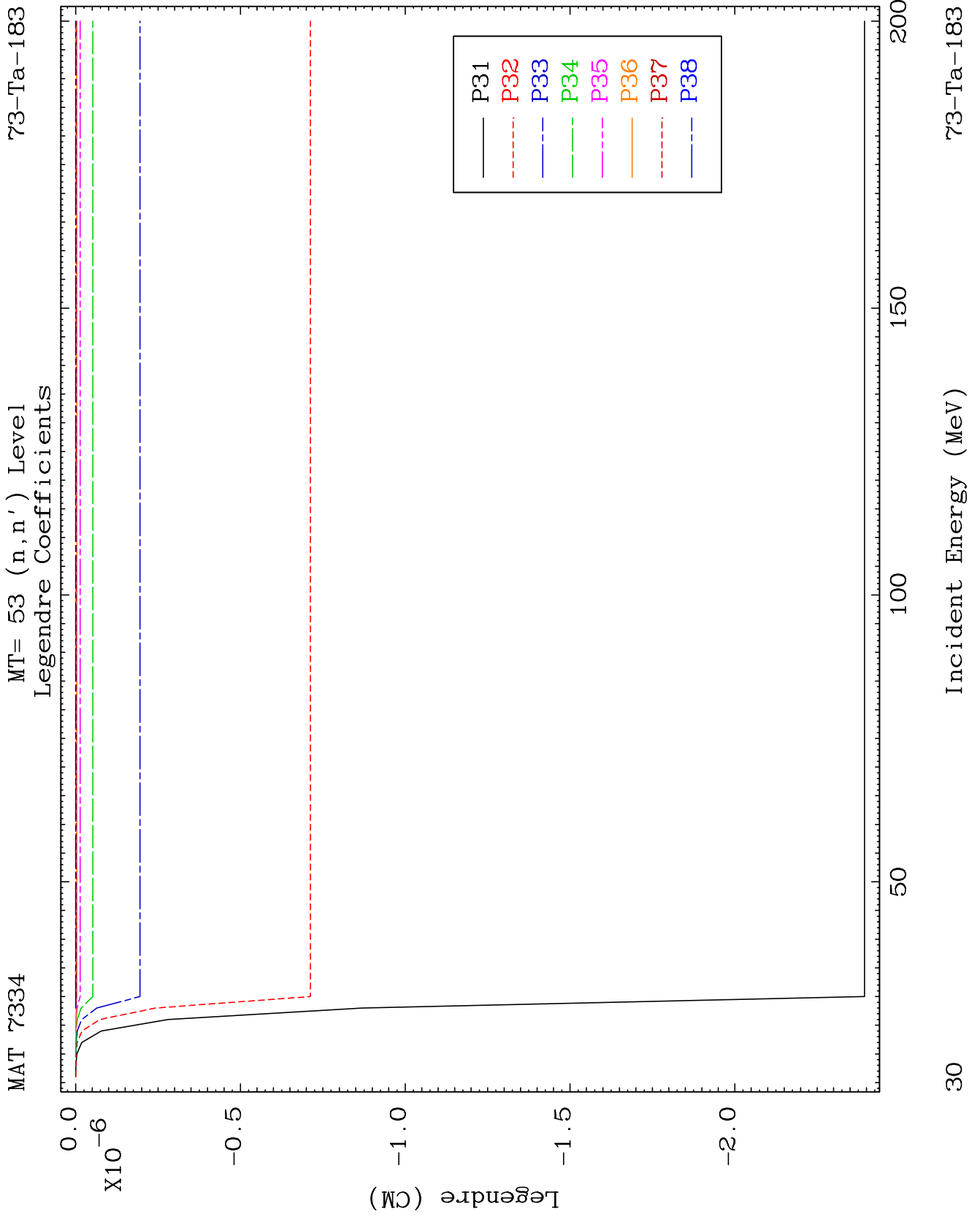


28

Incident Energy (MeV)

73-Ta-183

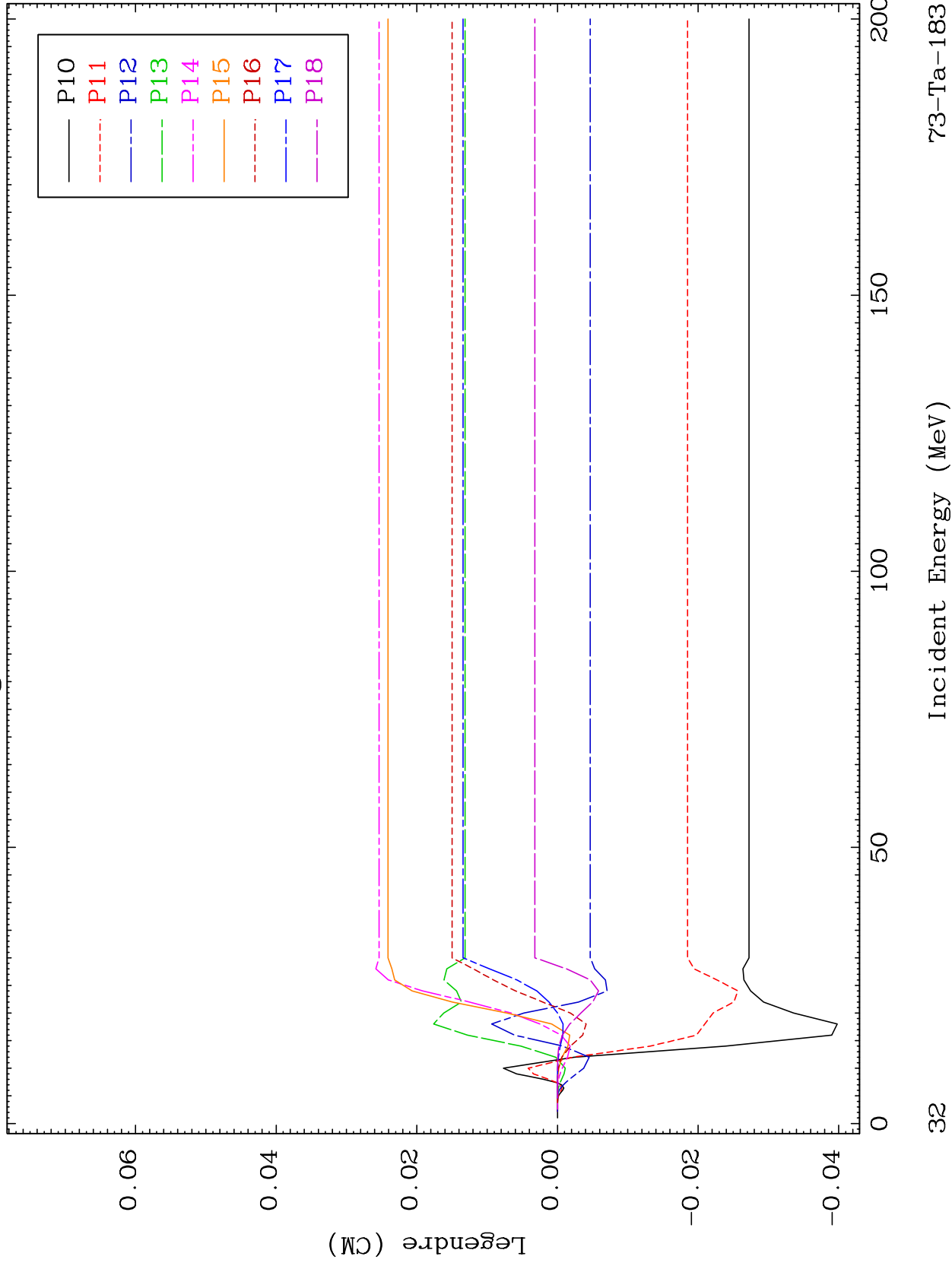




MAT 7334

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

73-Ta-183



73-Ta-183

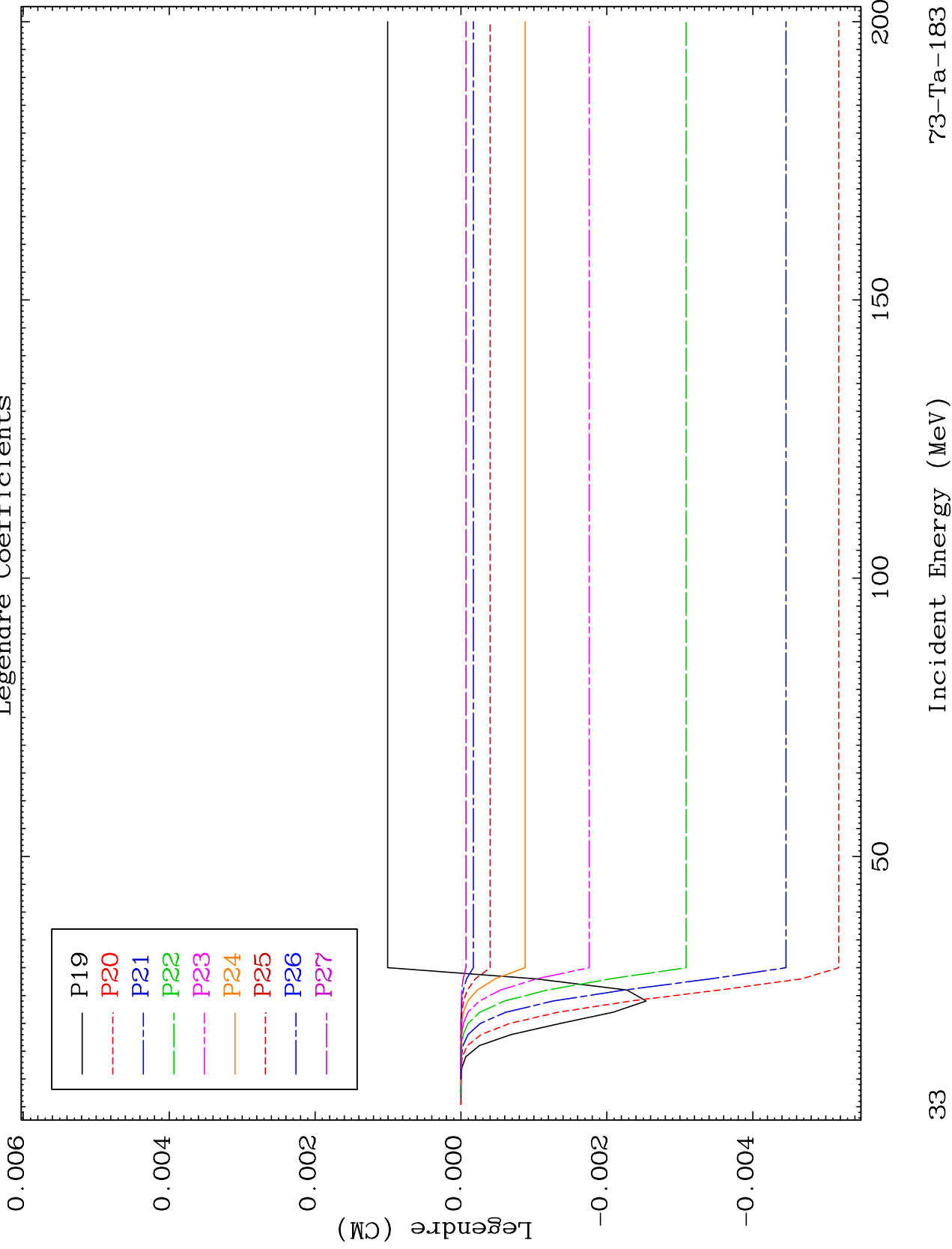
Incident Energy (MeV)

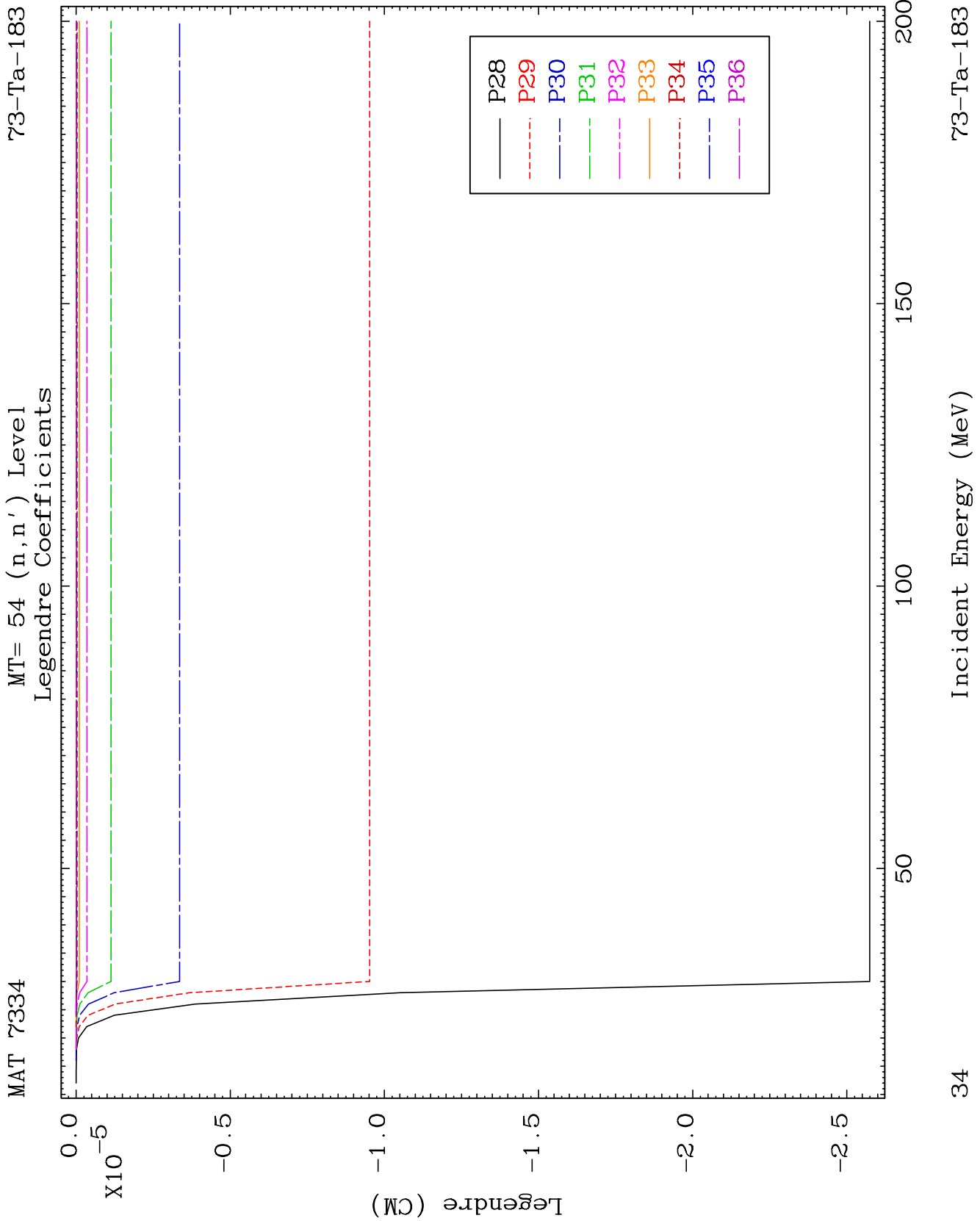
32

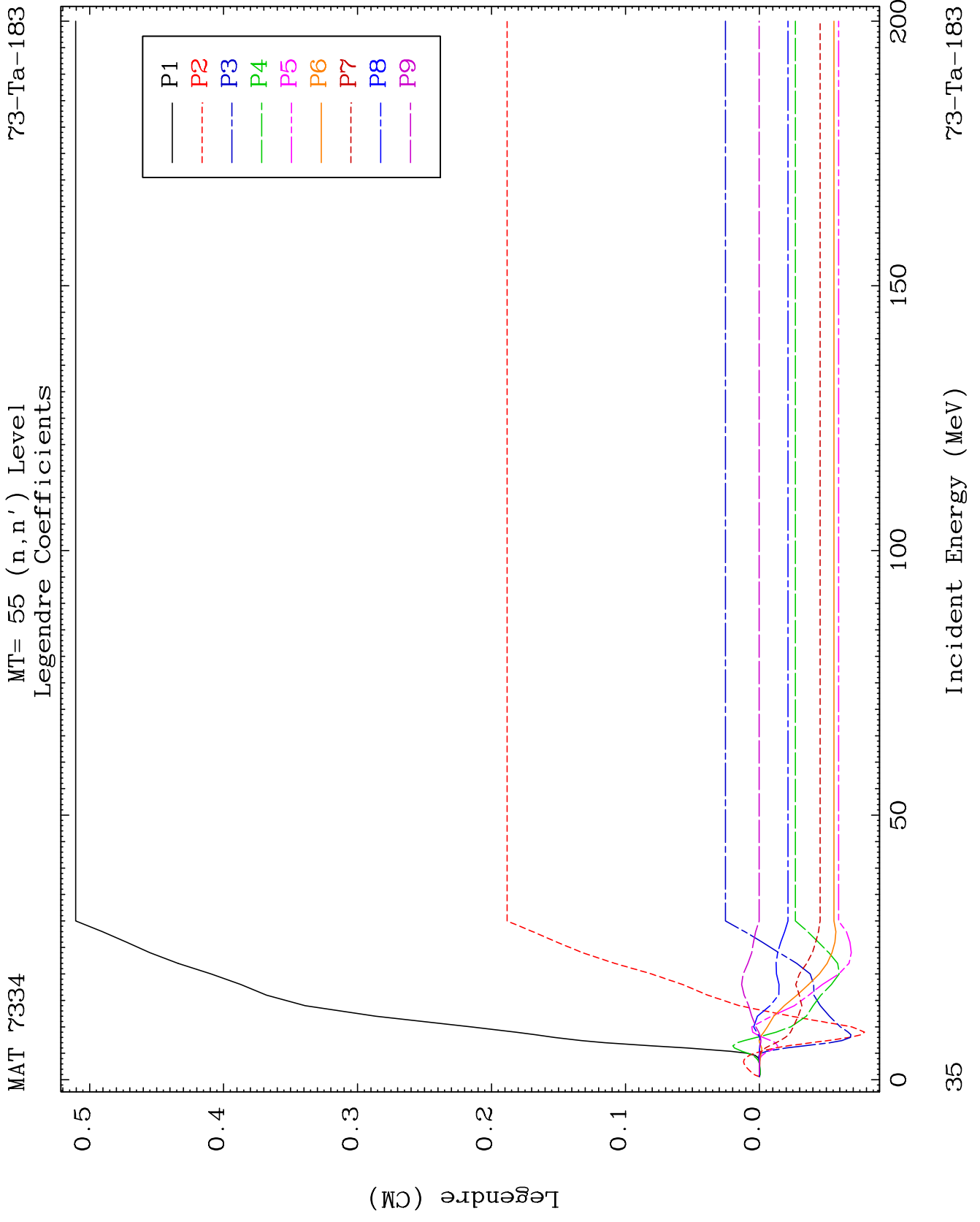
MAT 7334

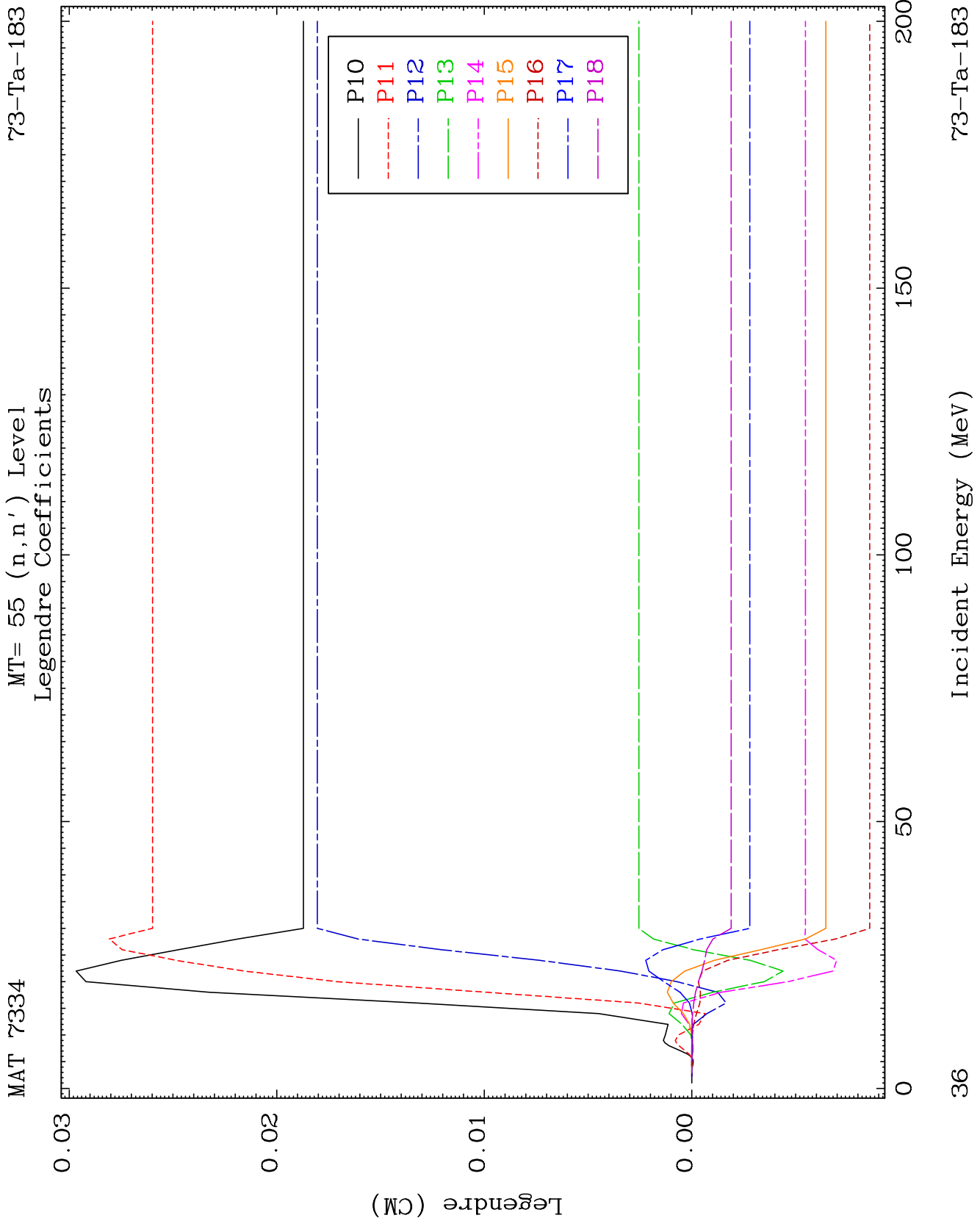
MT= 54 (n,n') Level
Legendre Coefficients

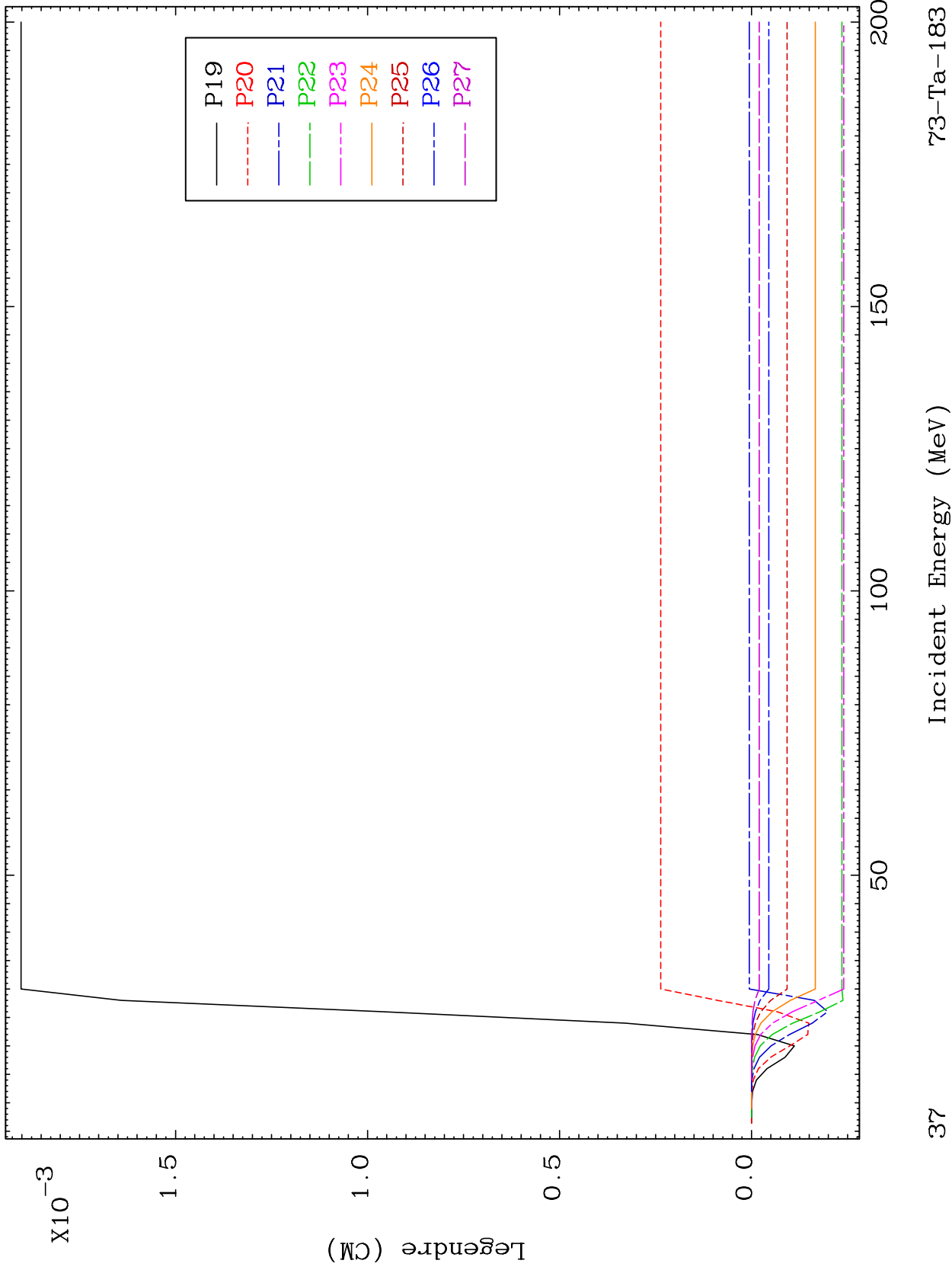
73-Ta-183

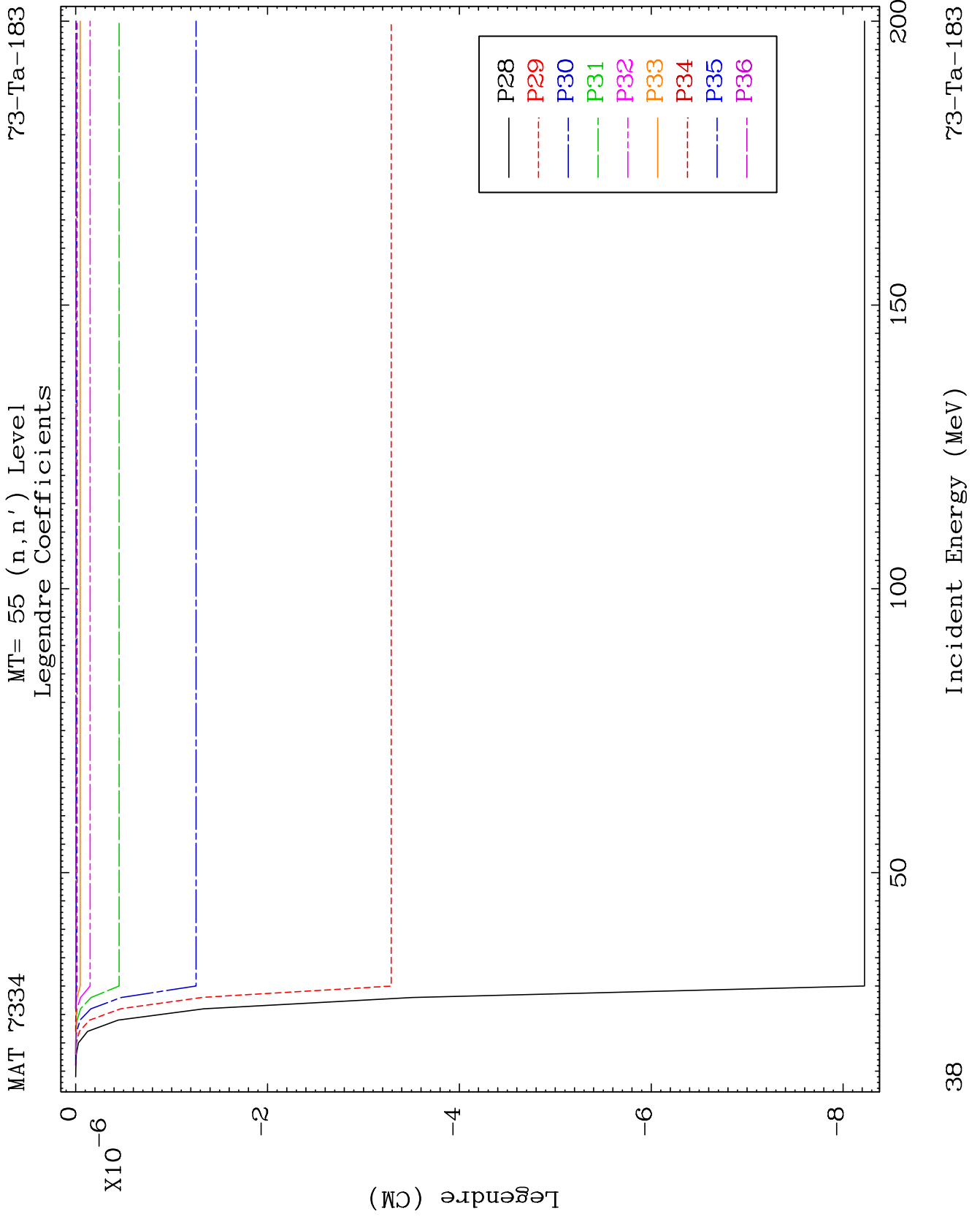








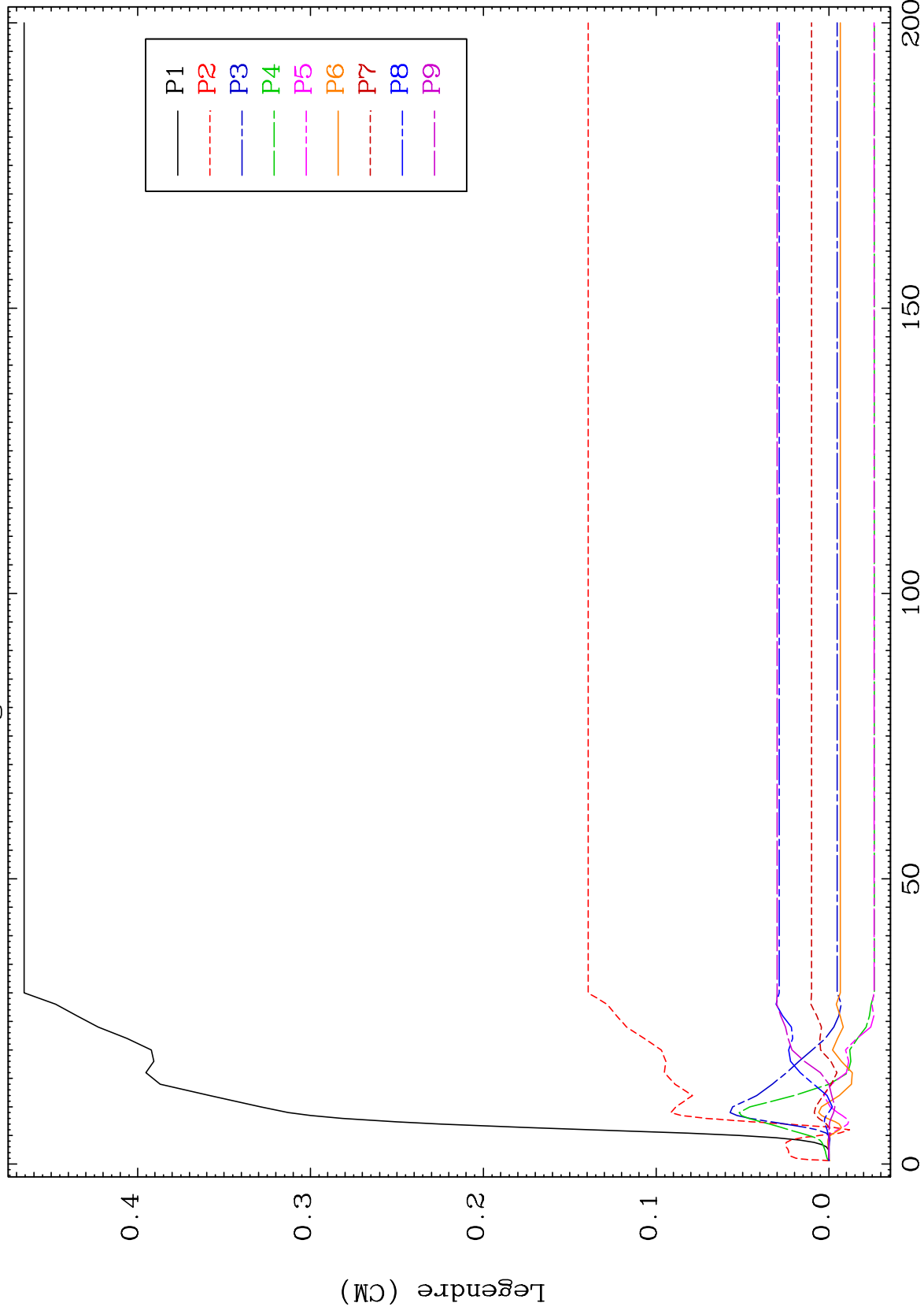




MAT 7334

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

73-Ta-183



39

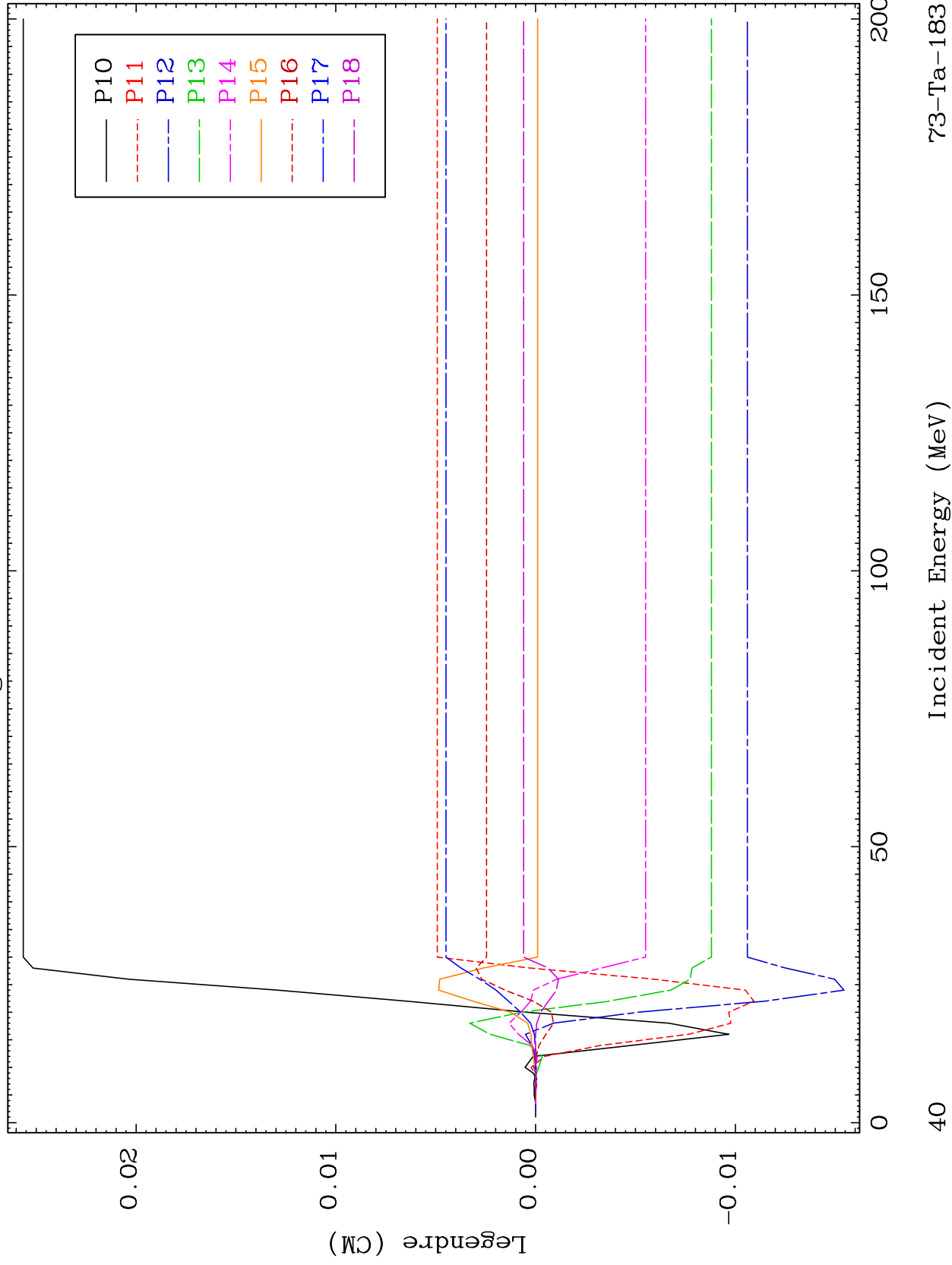
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

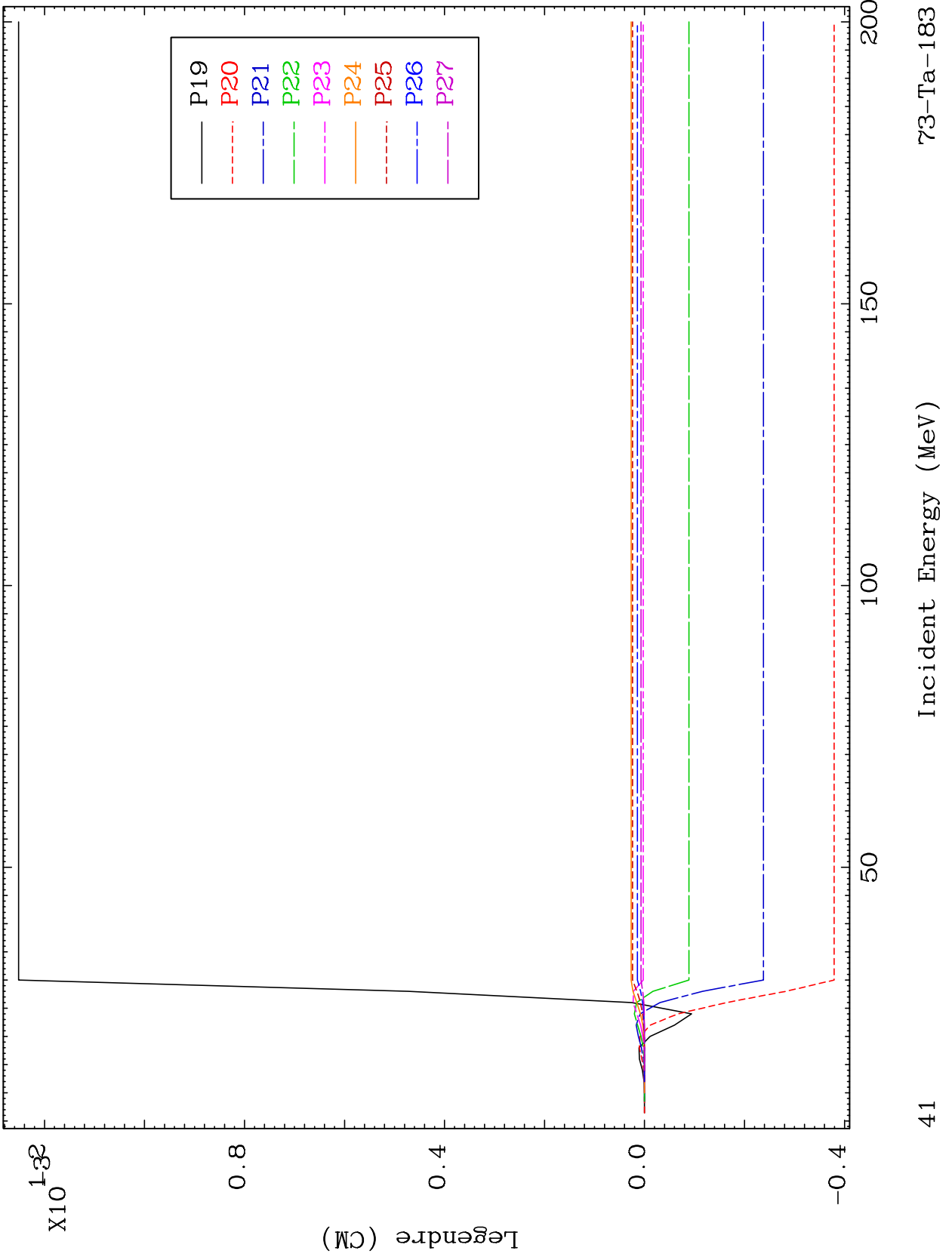
73-Ta-183



MAT 7334

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

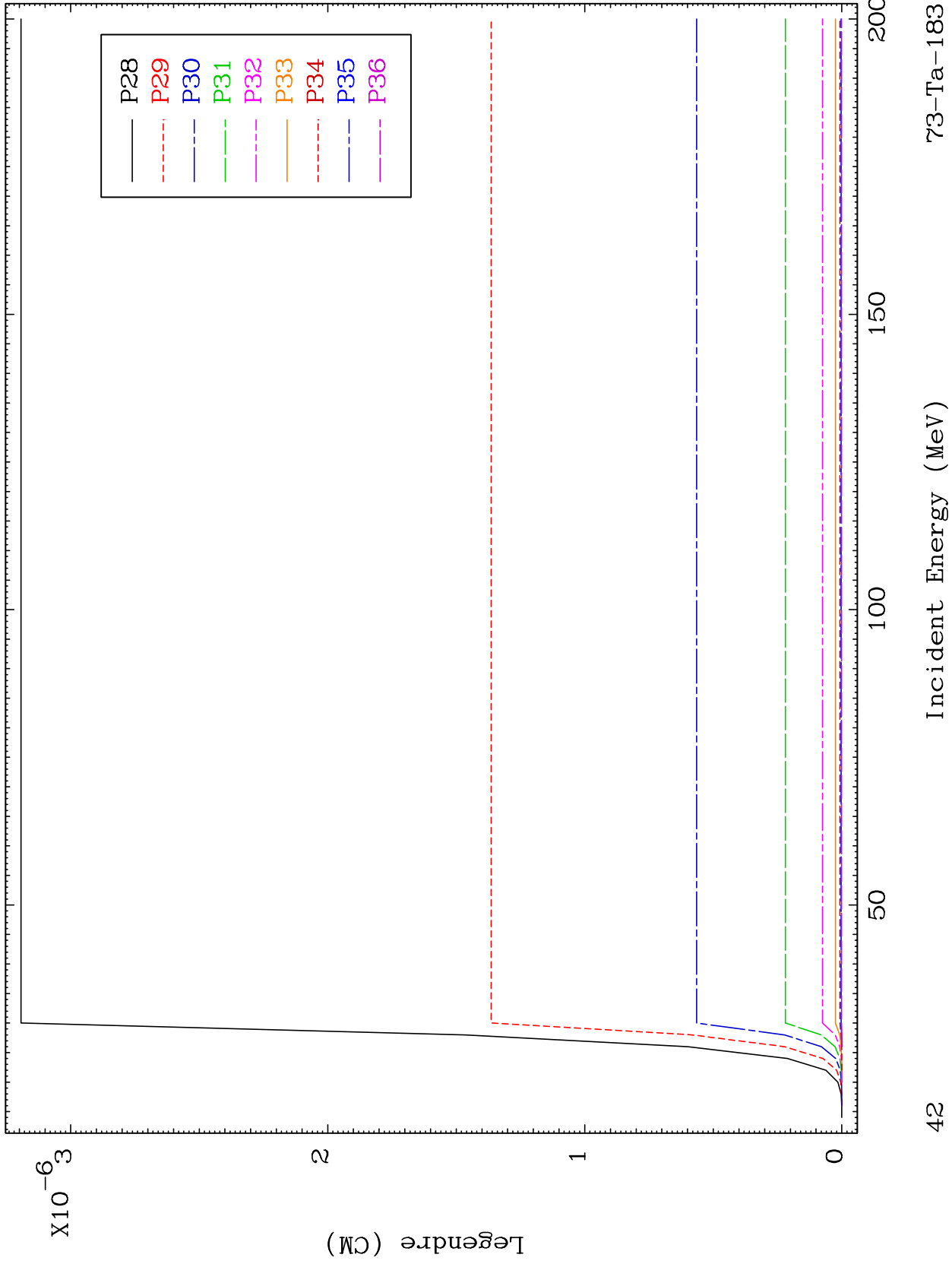
73-Ta-183



MAT 7334

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

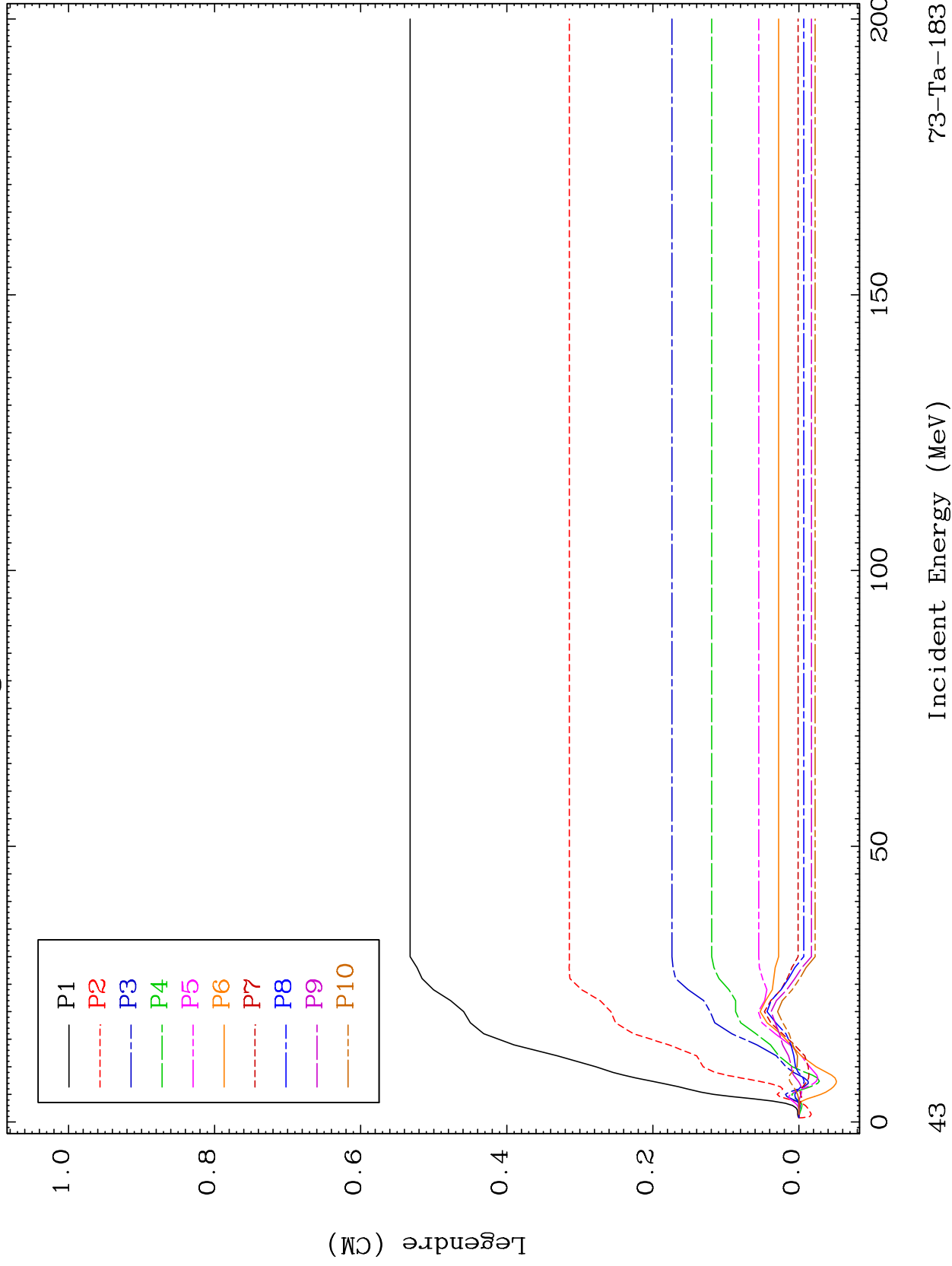
73-Ta-183



MAT 7334

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

⁷³Ta-183

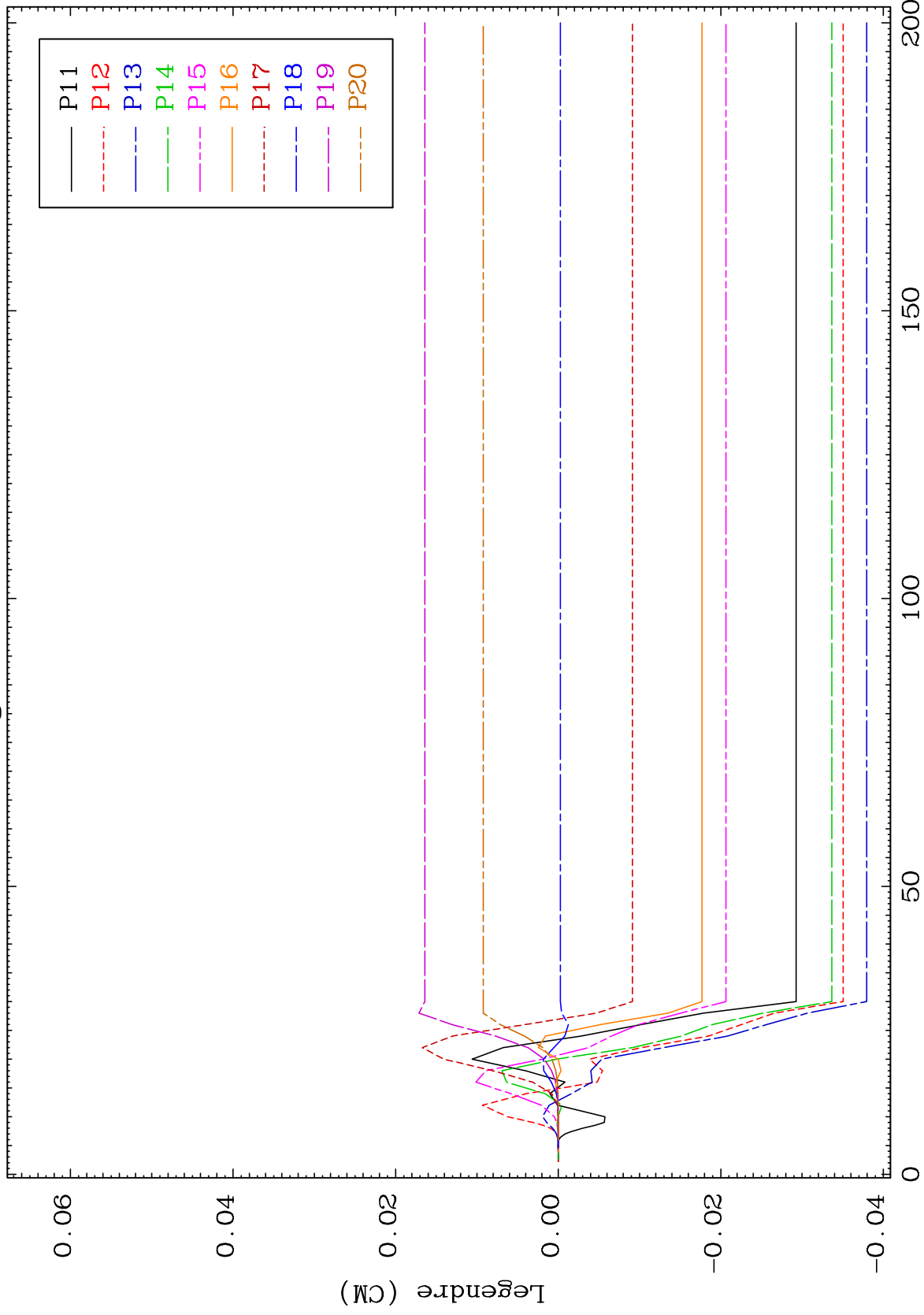


43

MAT 7334

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

73-Ta-183



44

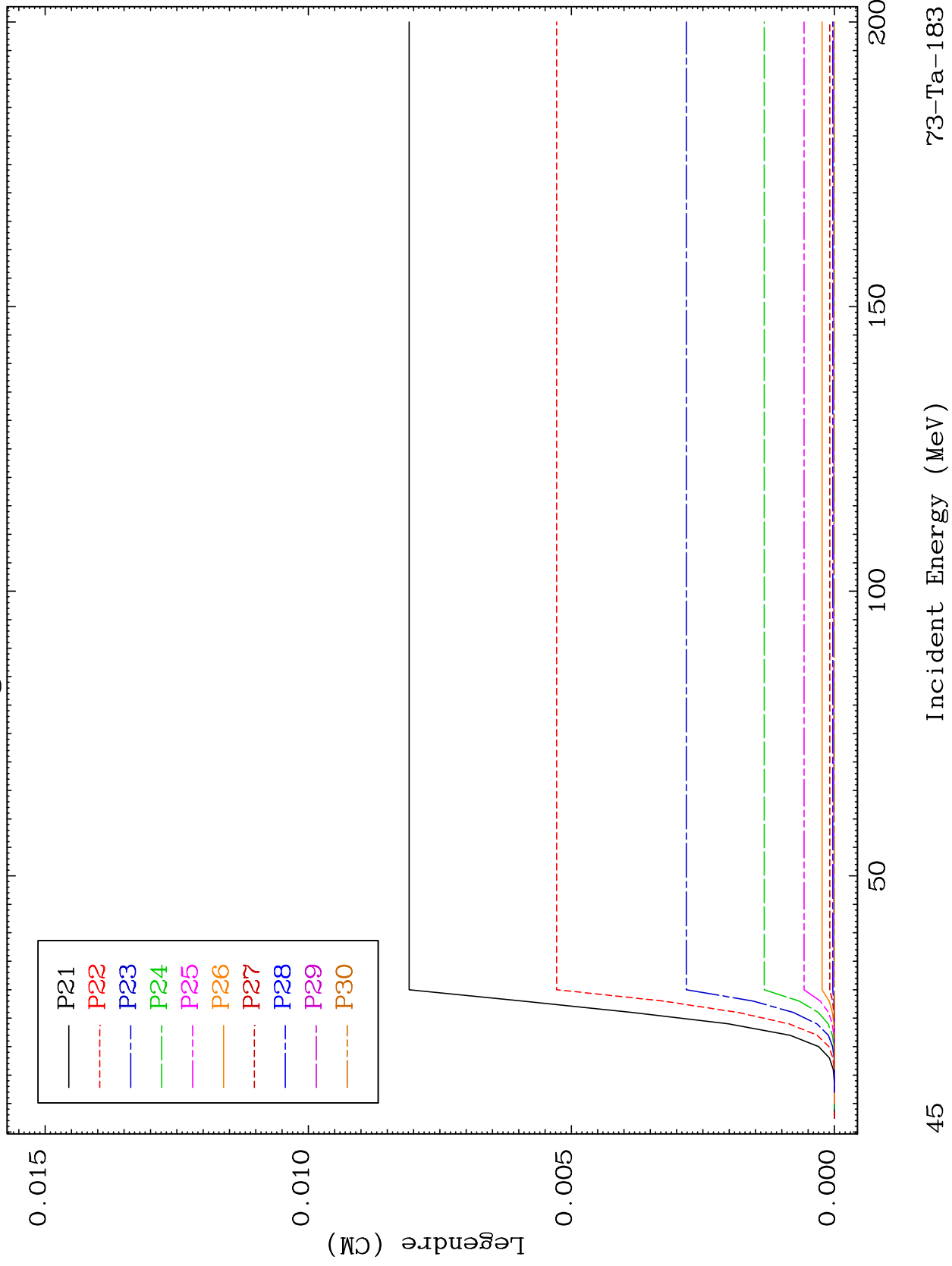
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



73-Ta-183

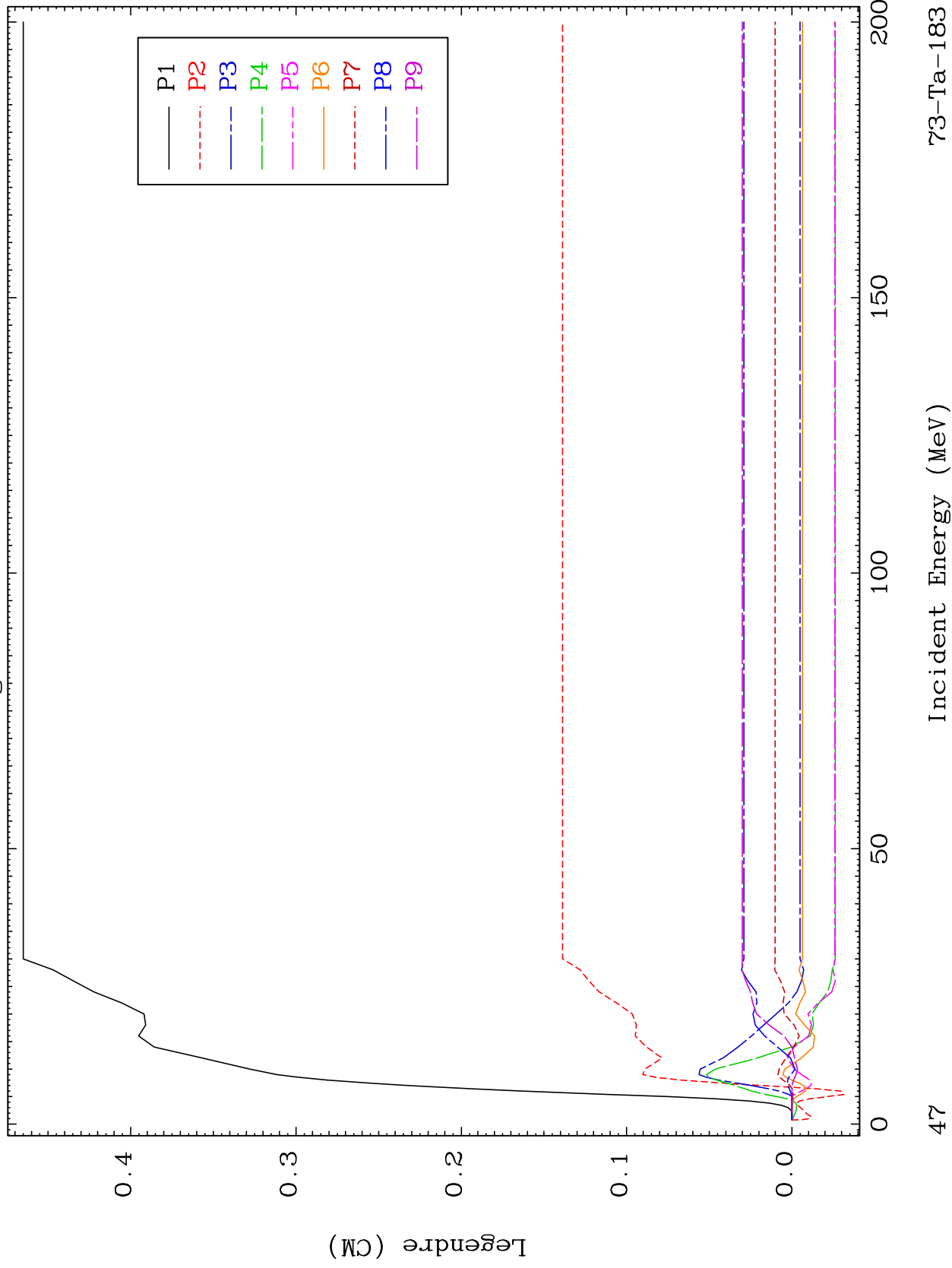
Incident Energy (MeV)

45

MAT 7334

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

73-Ta-183



73-Ta-183

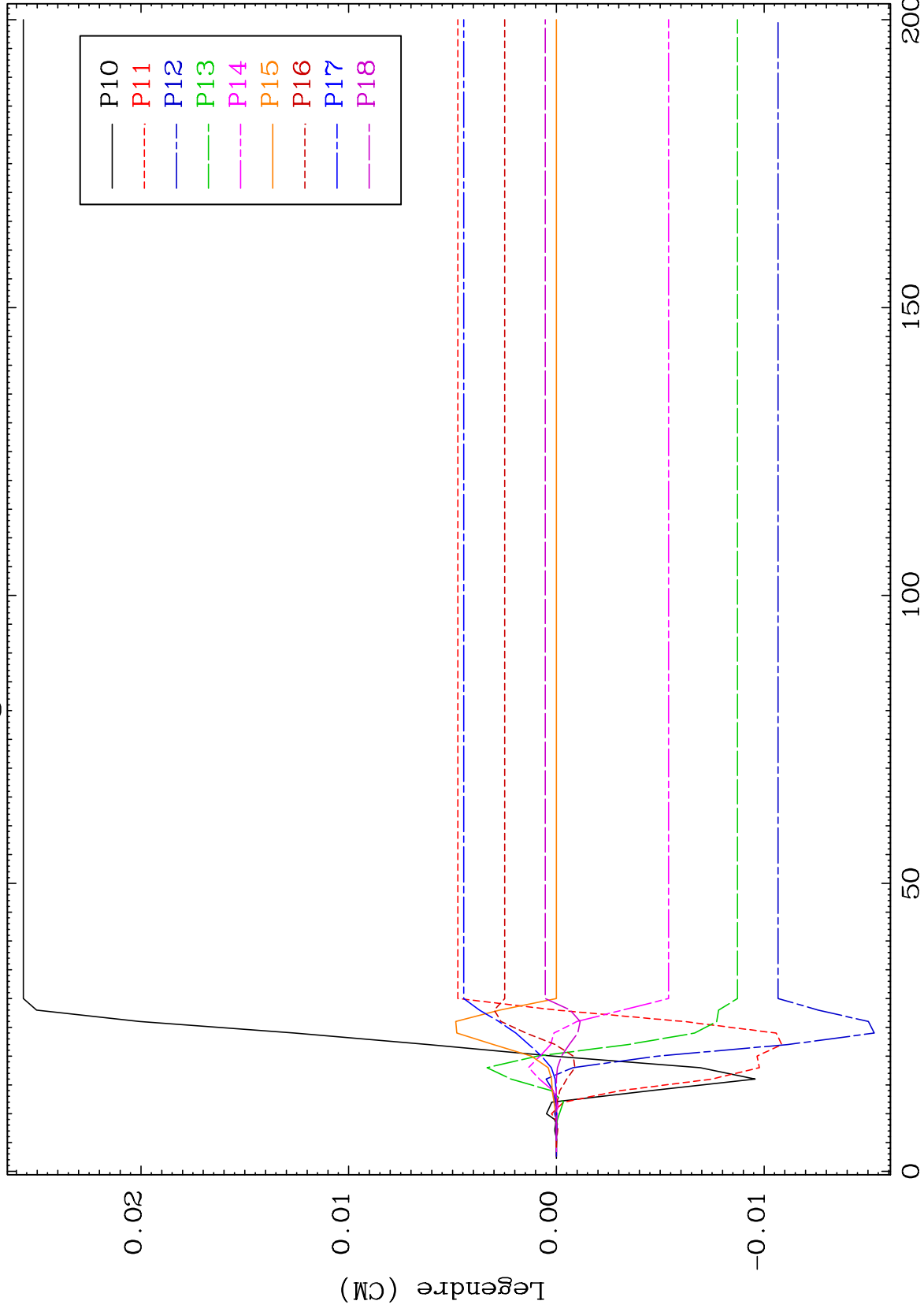
Incident Energy (MeV)

47

MAT 7334

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

73-Ta-183



48

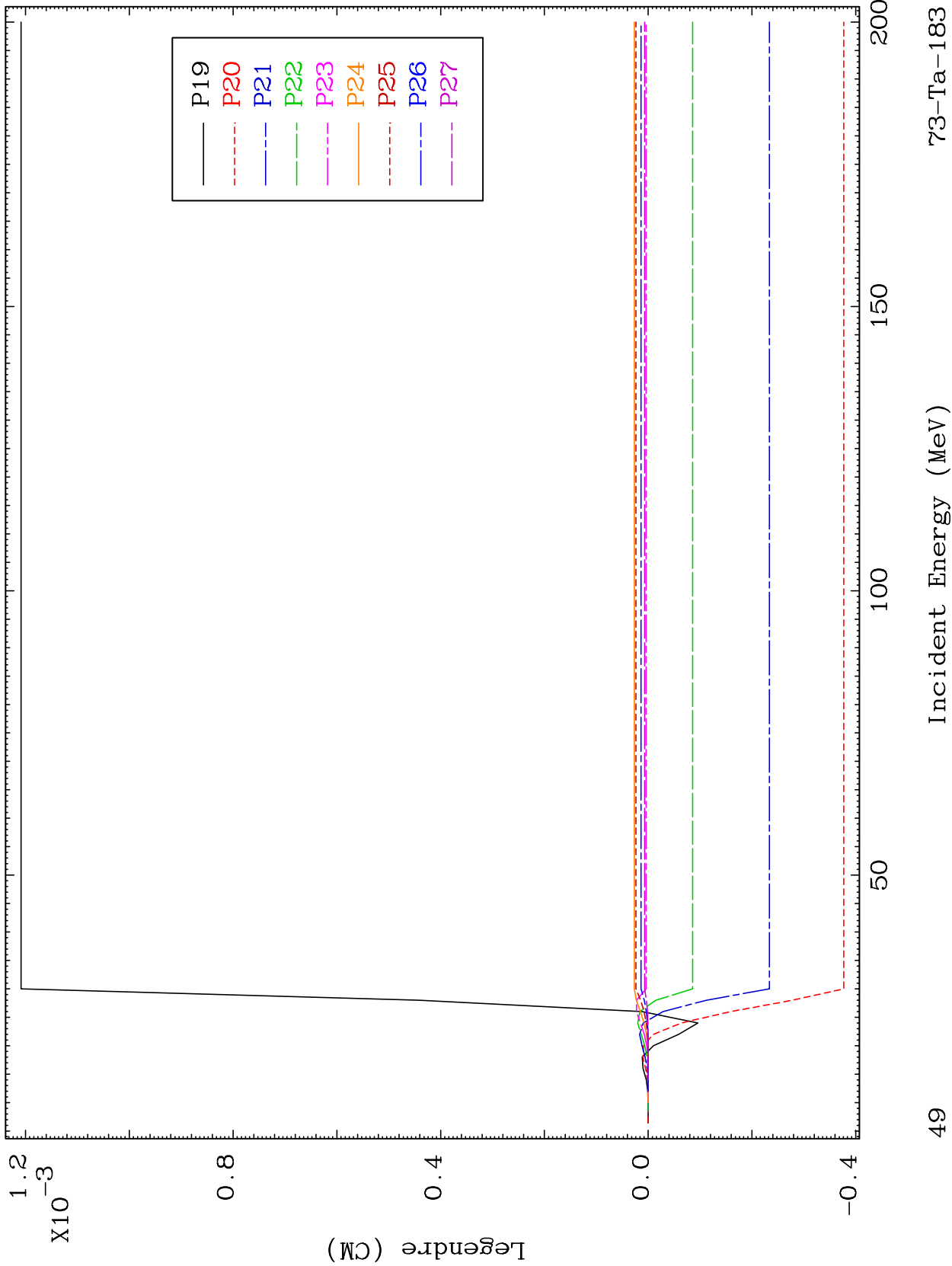
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



49

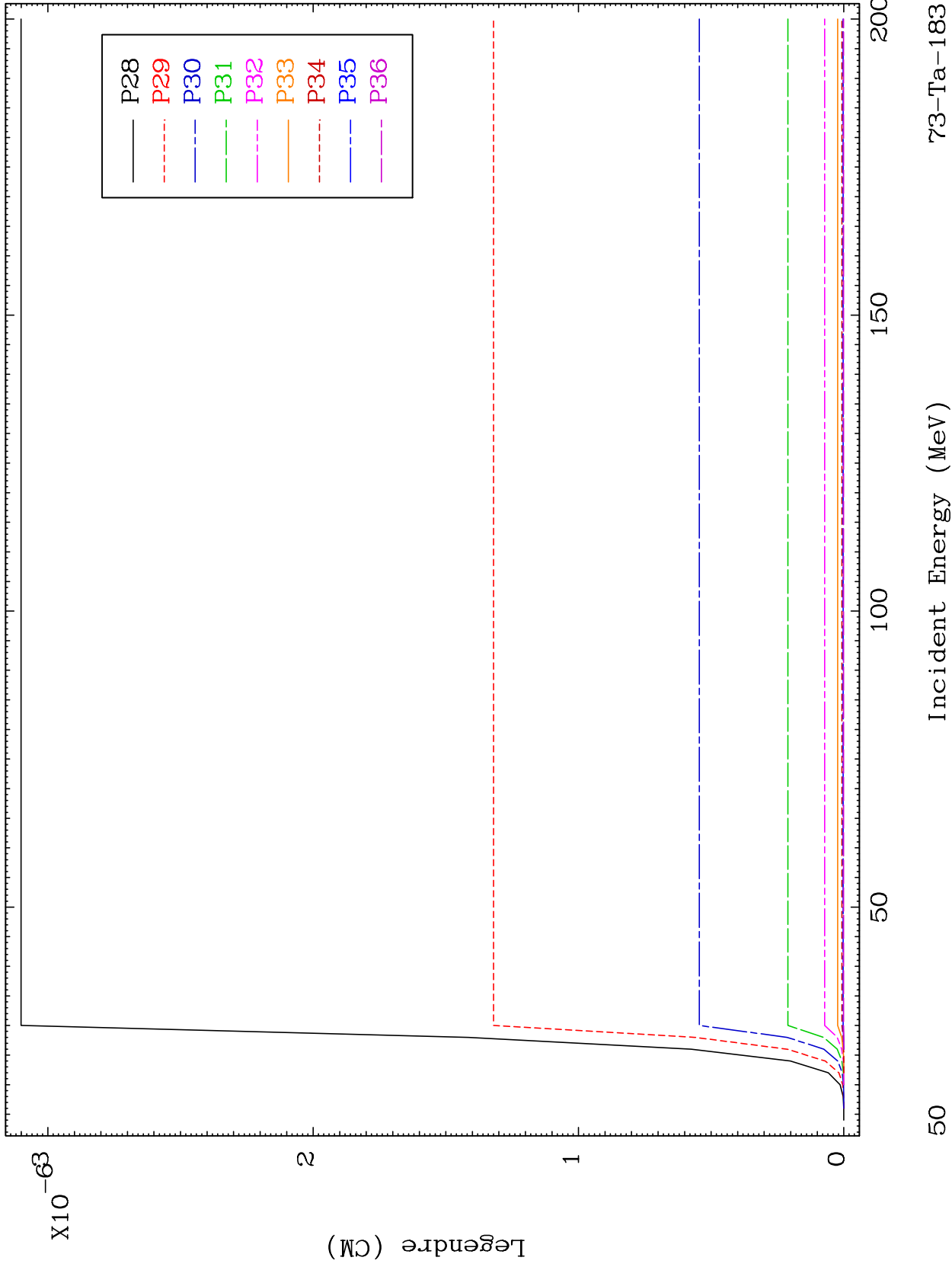
Incident Energy (MeV)

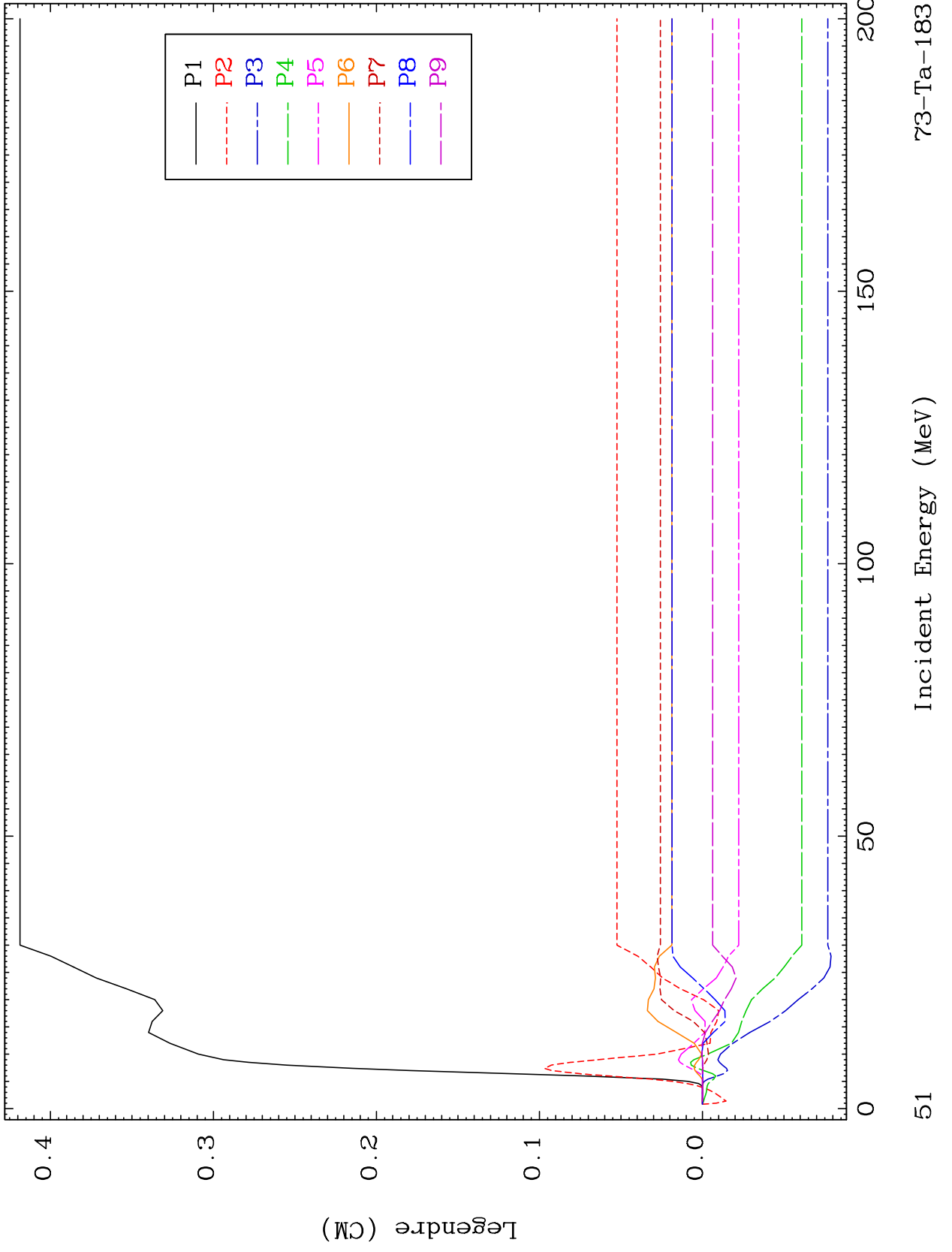
73-Ta-183

MAT 7334

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

73-Ta-183

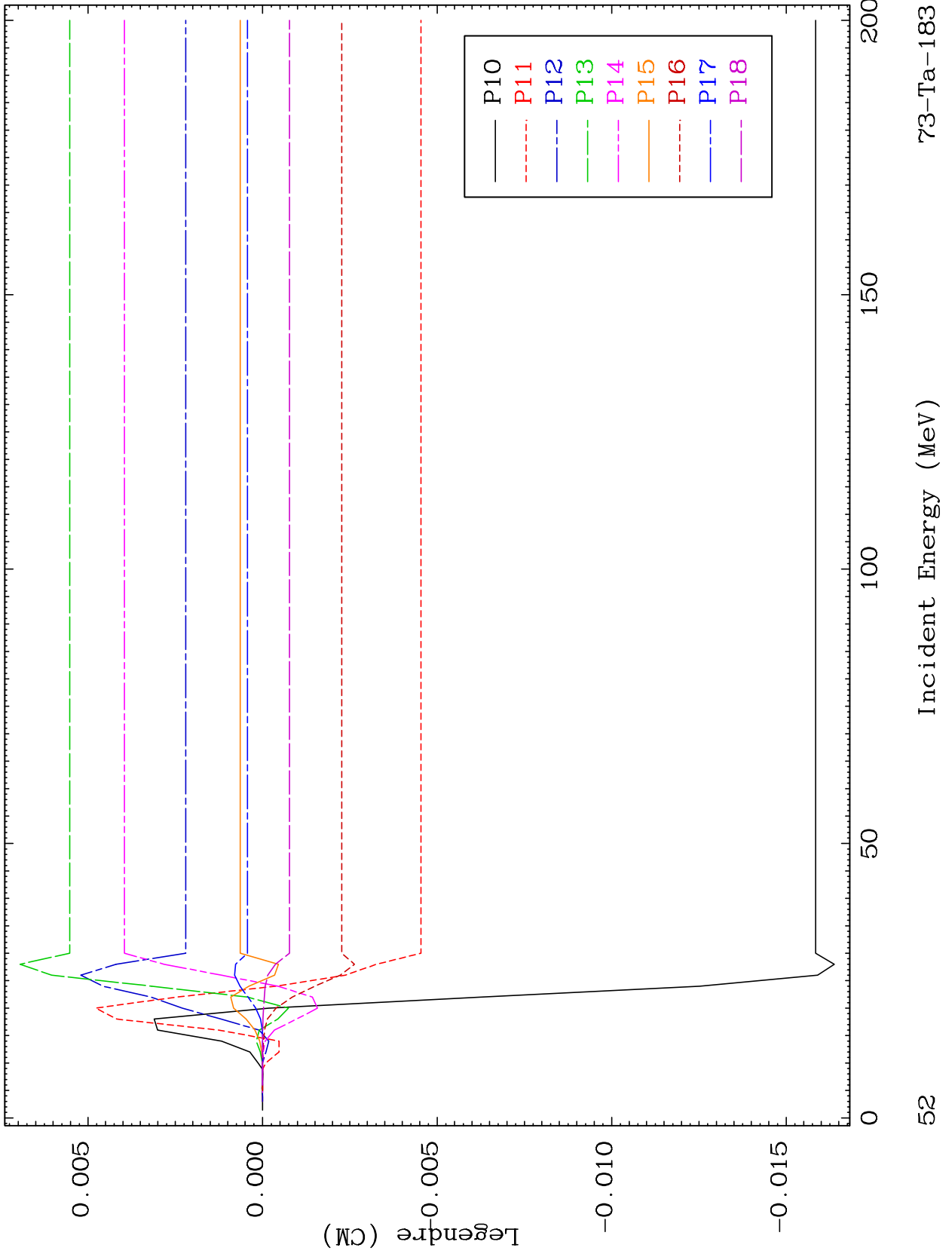




MAT 7334

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

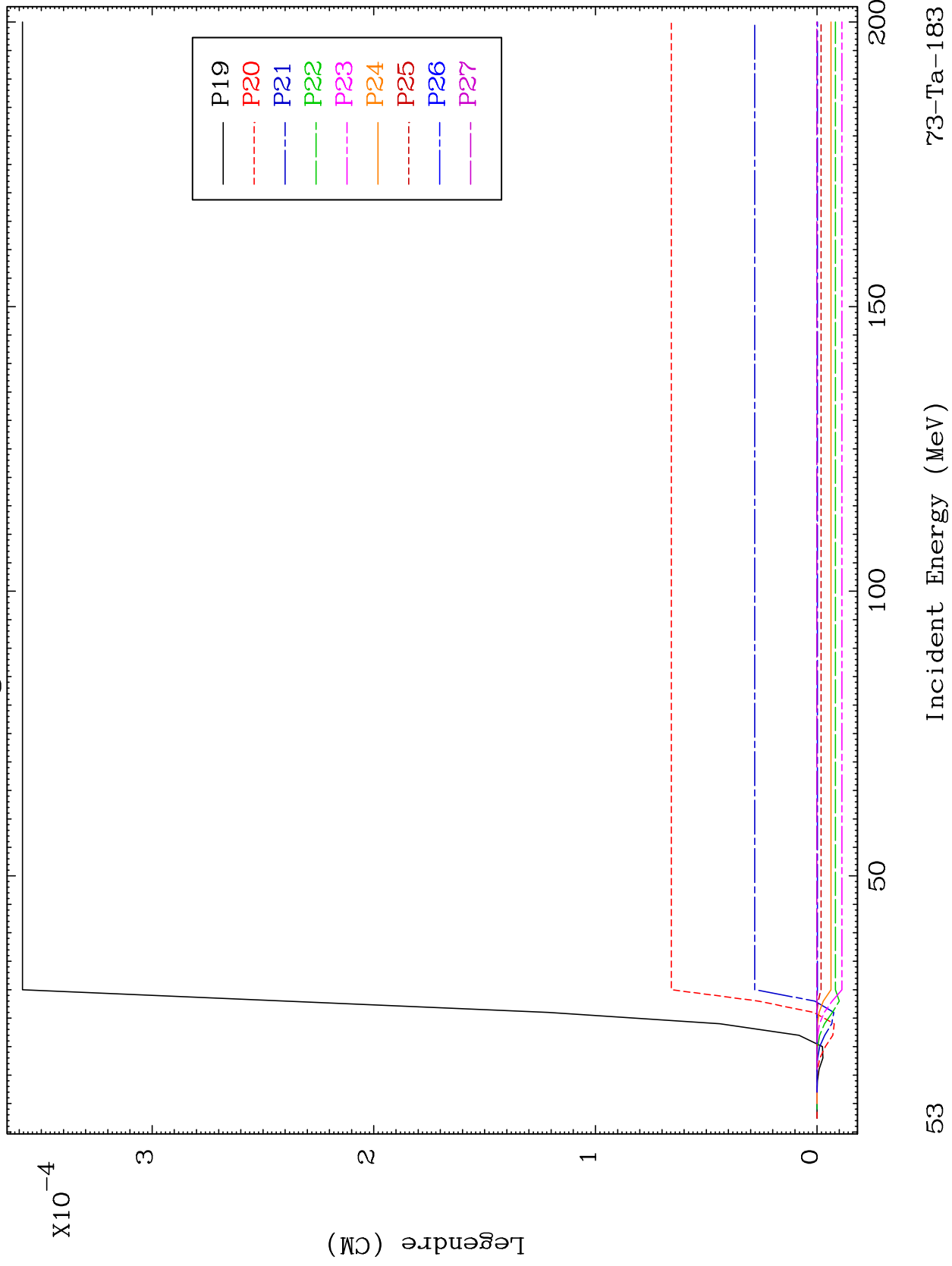
73-Ta-183



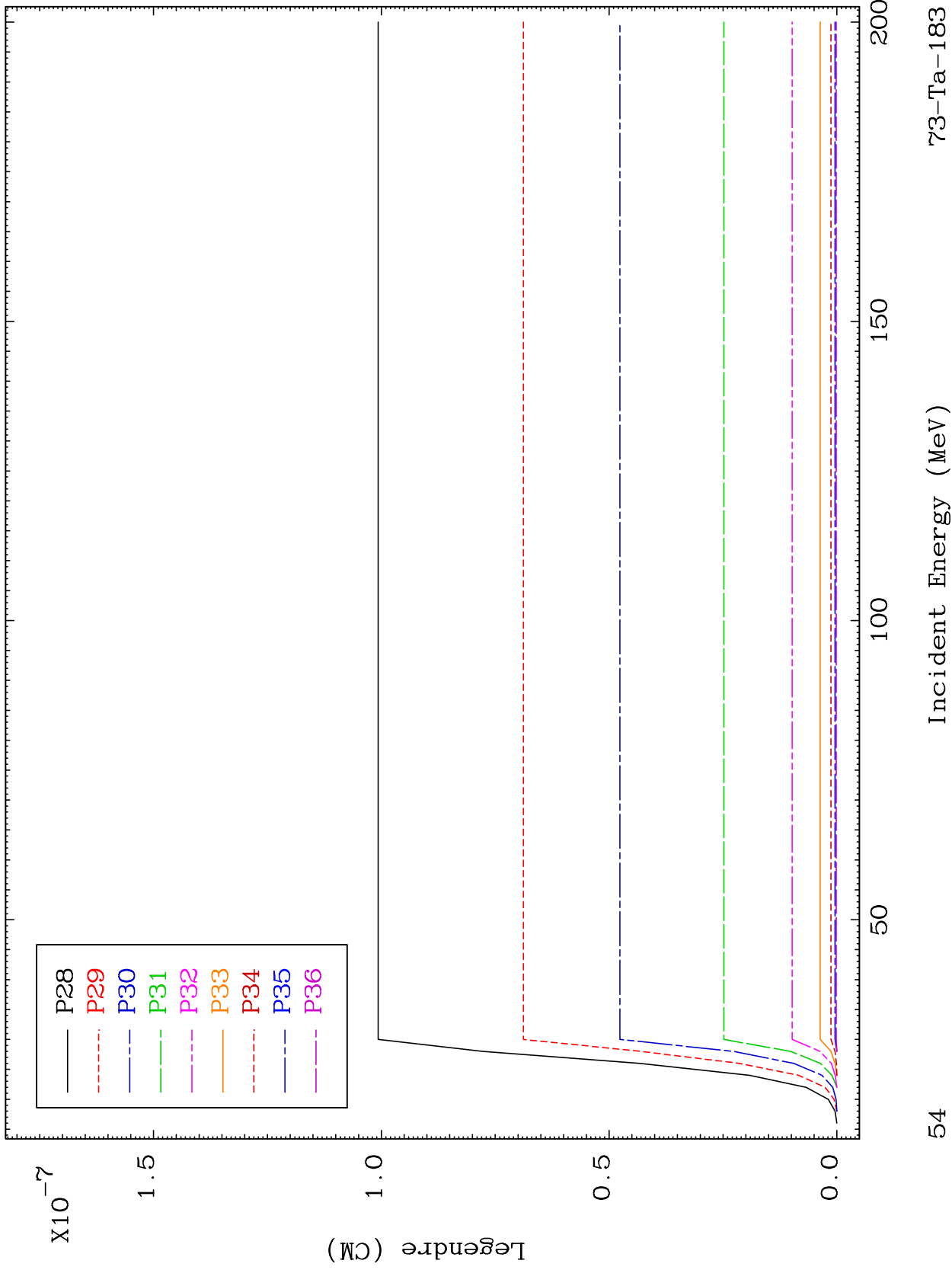
MAT 7334

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

73-Ta-183



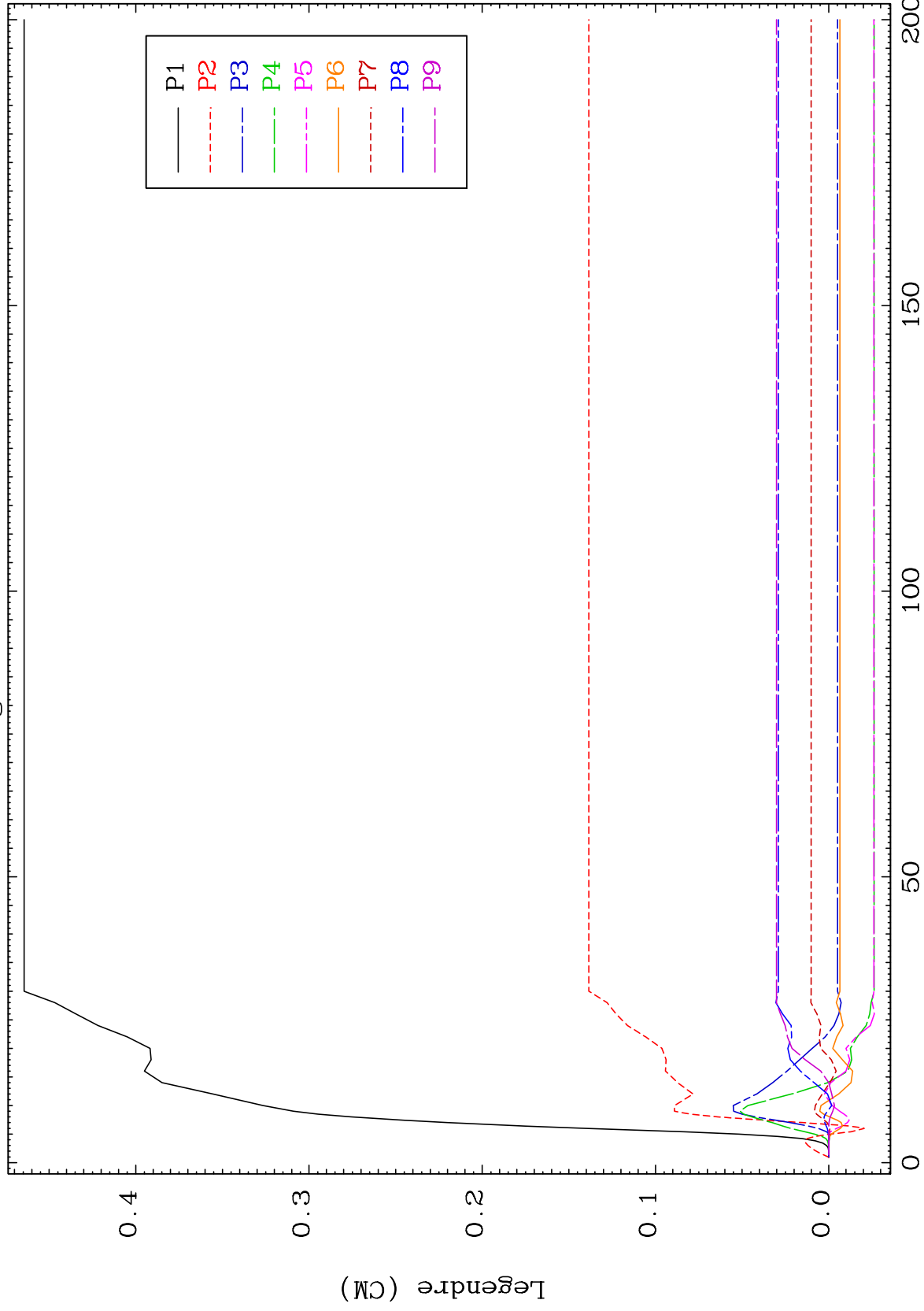
53



MAT 7334

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

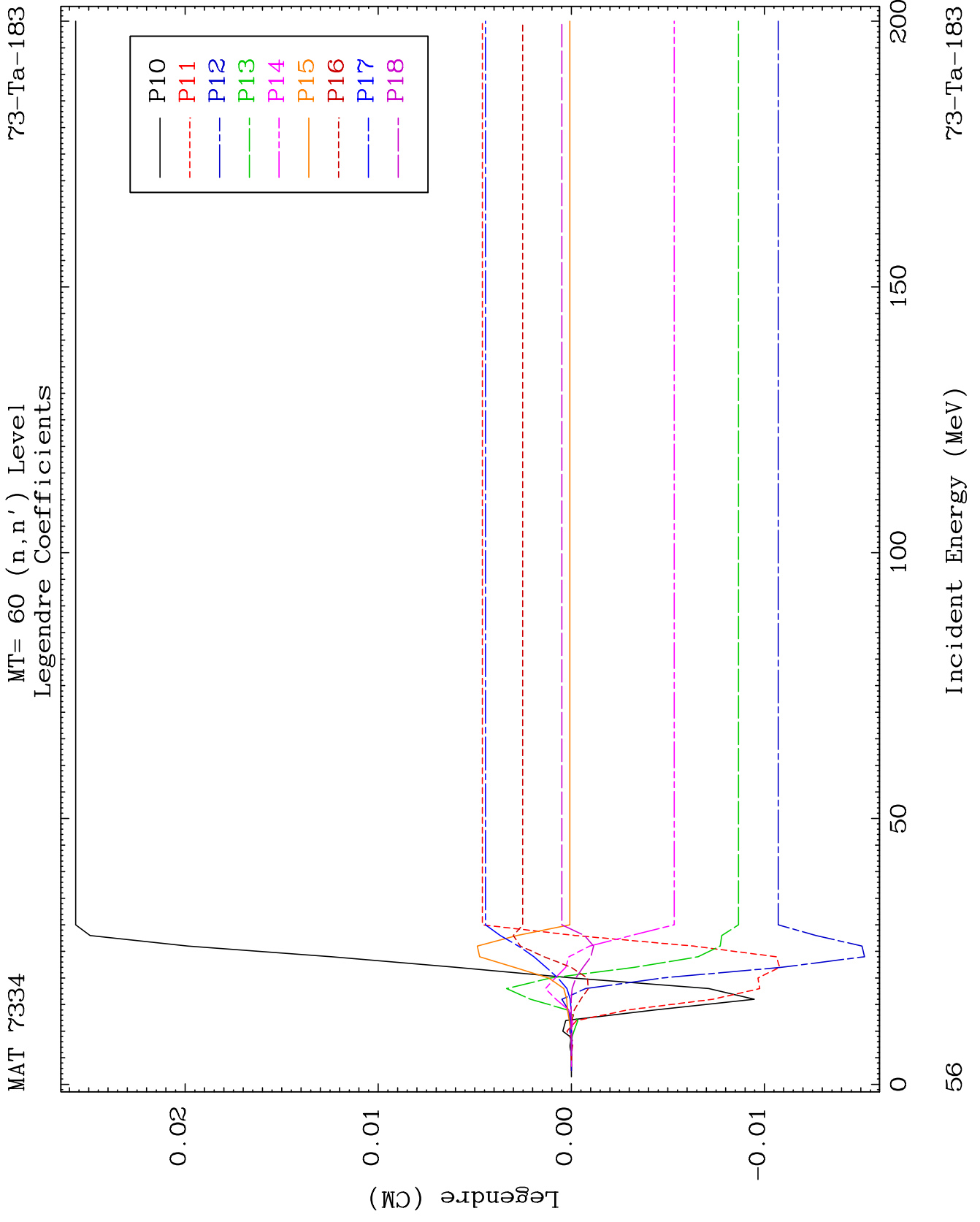
73-Ta-183



73-Ta-183

Incident Energy (MeV)

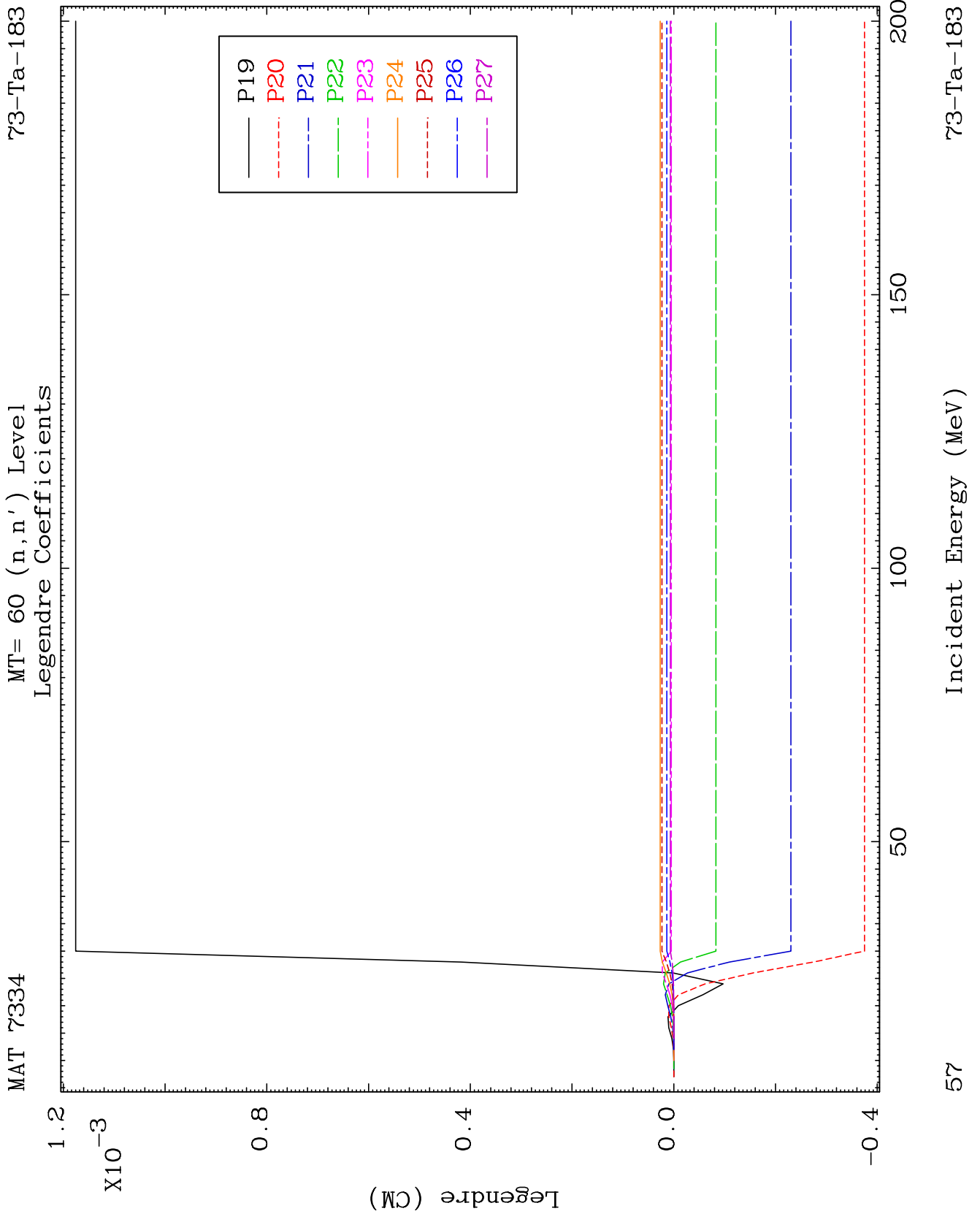
55



73-Ta-183

Incident Energy (MeV)

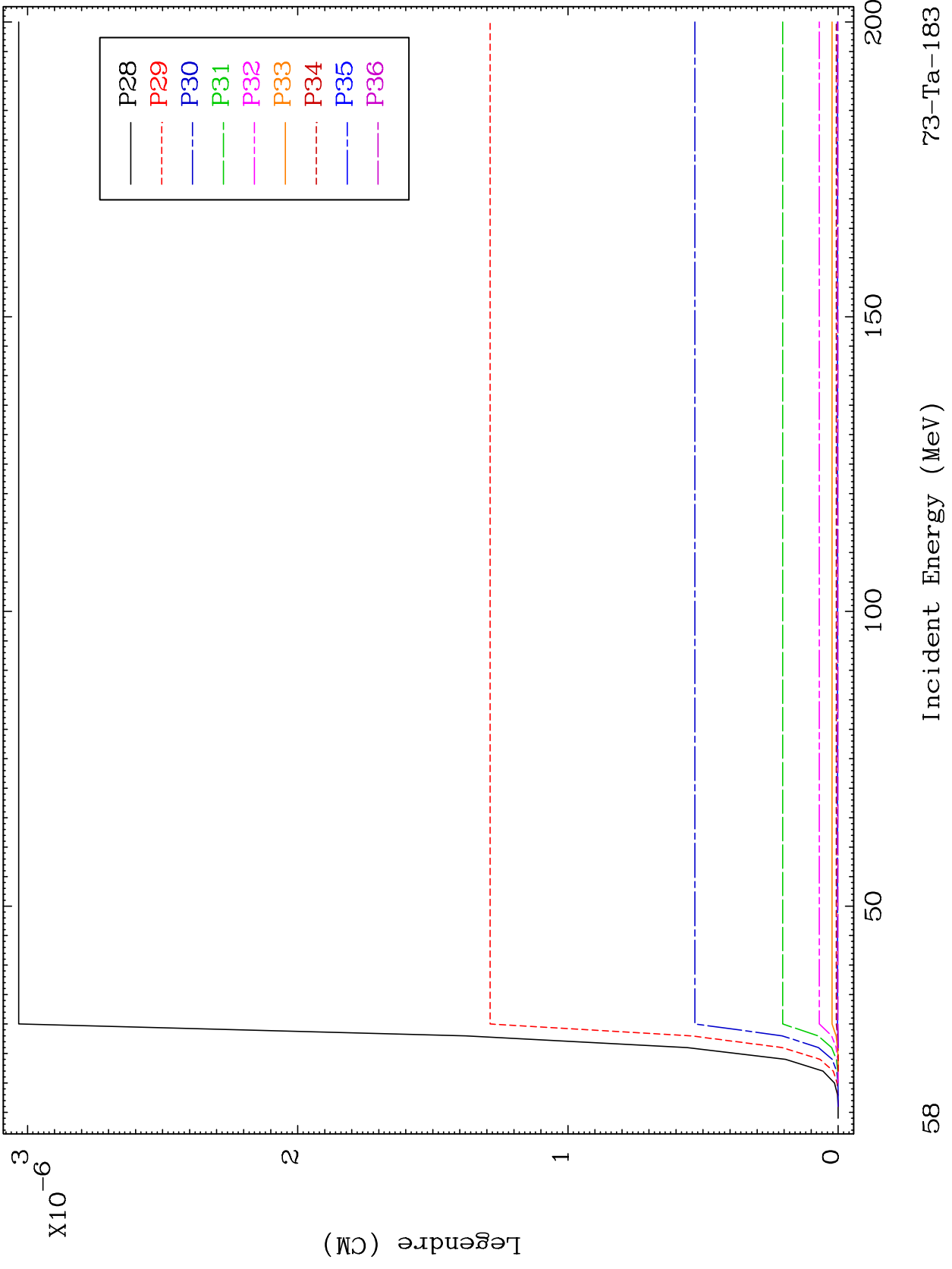
56



MAT 7334

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

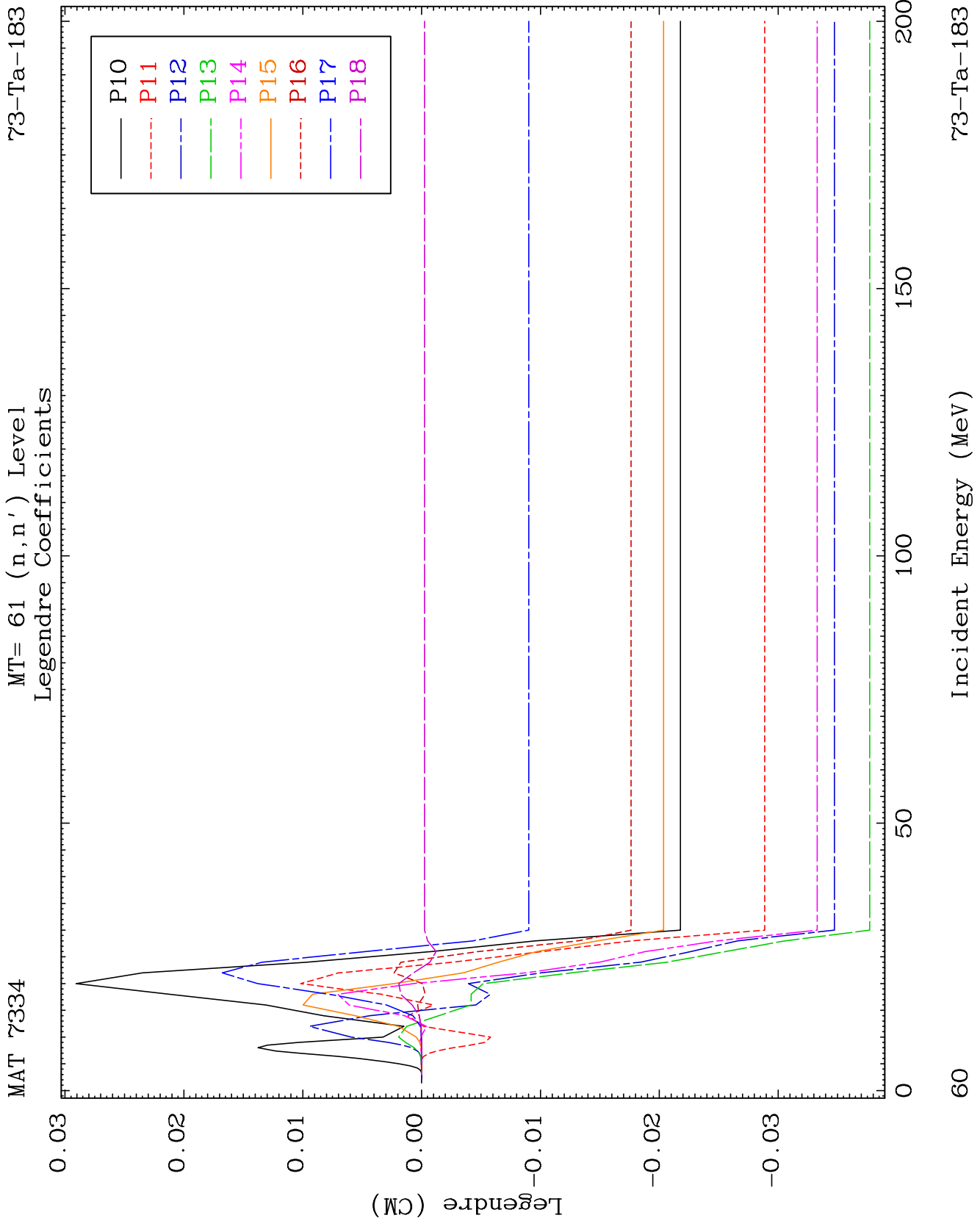
73-Ta-183

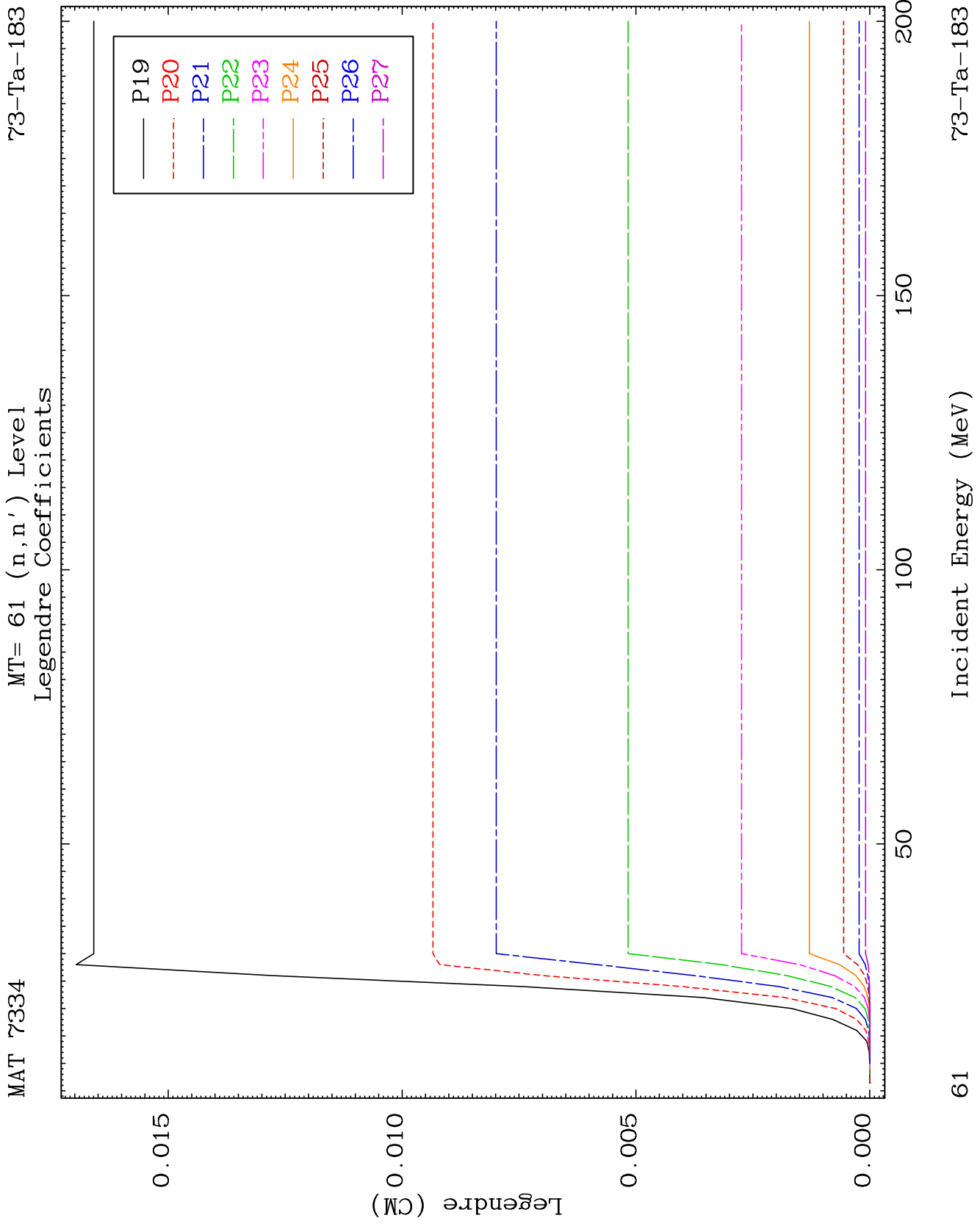


58

Incident Energy (MeV)

73-Ta-183

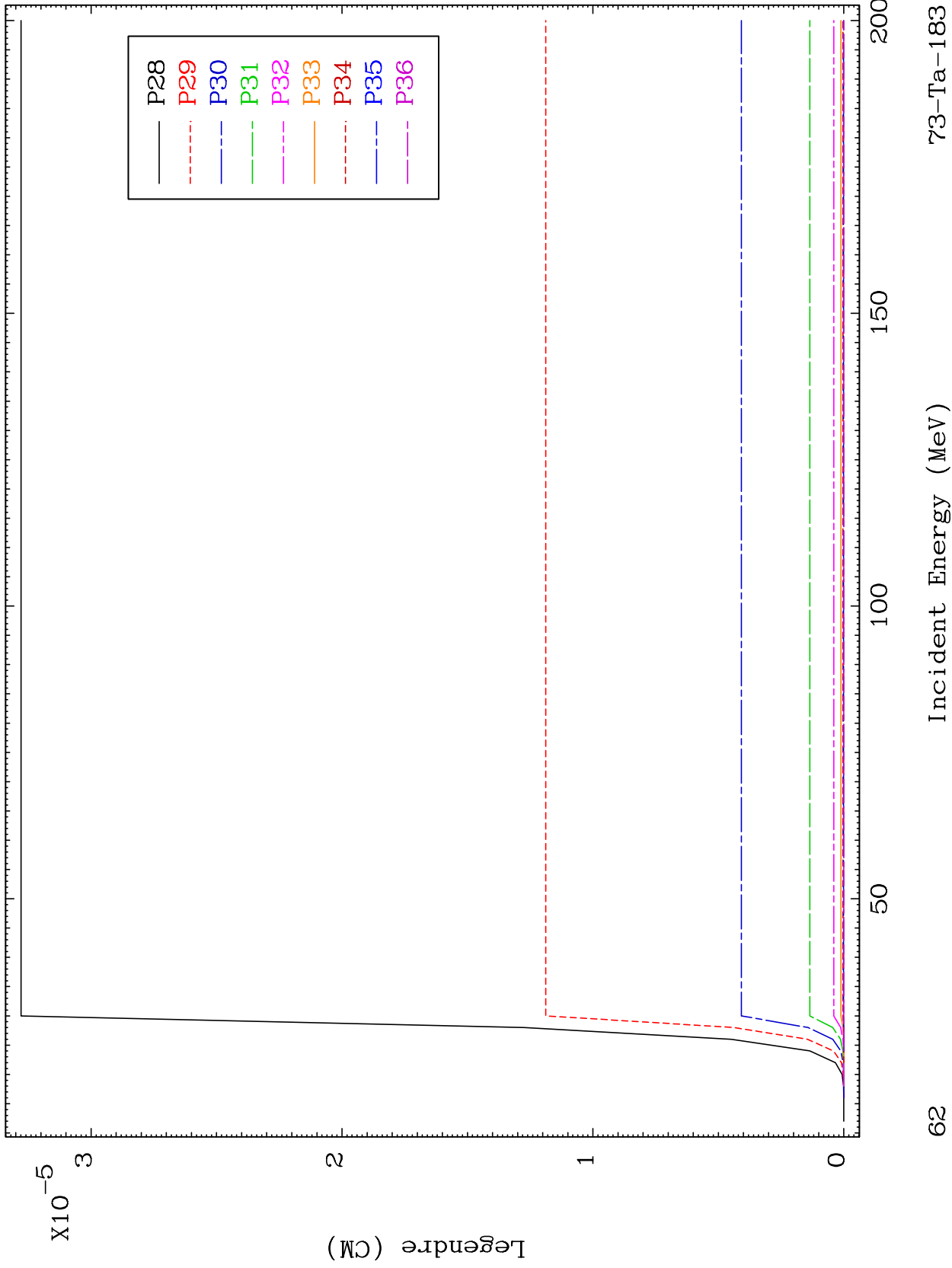




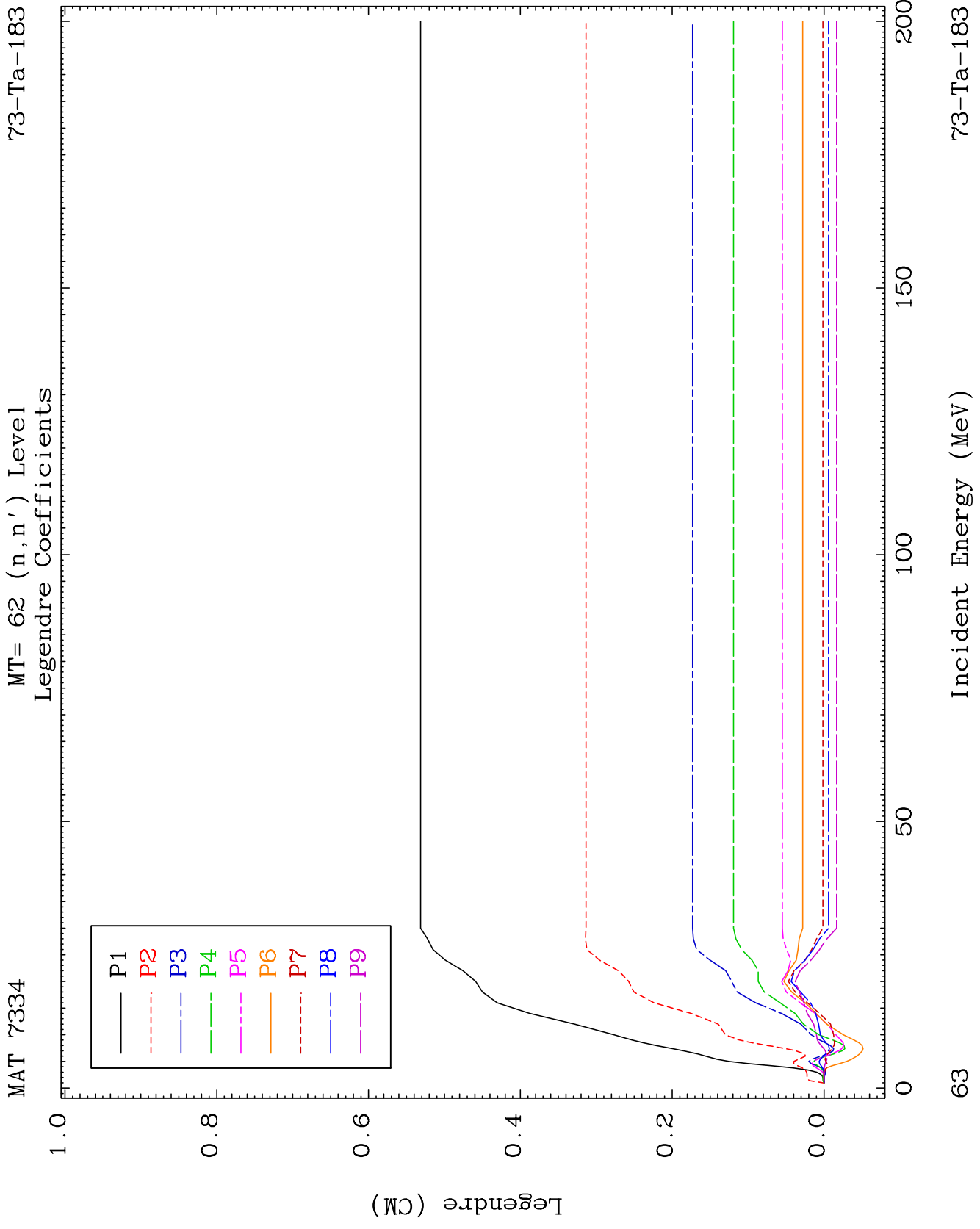
MAT 7334

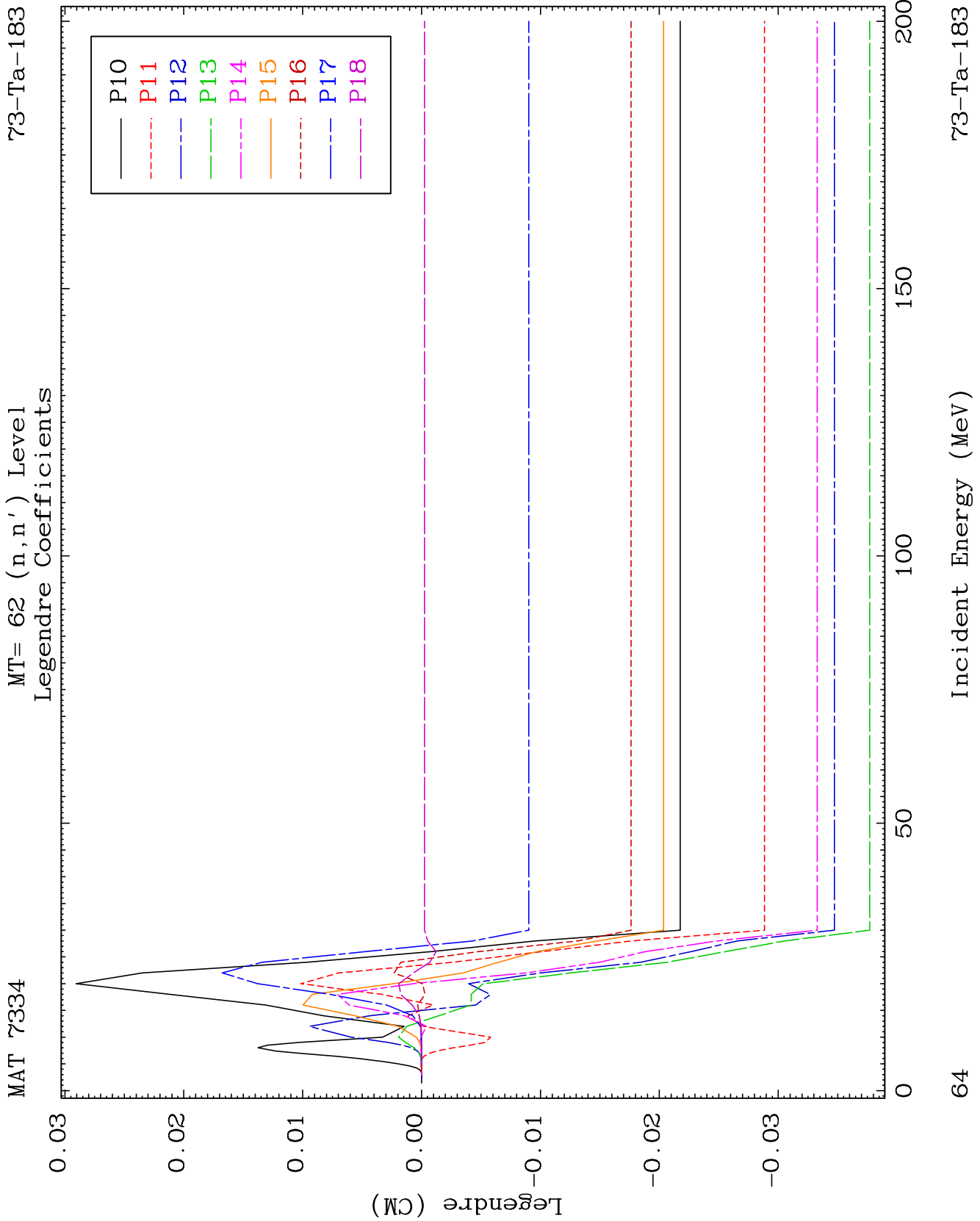
MT= 61 (n,n') Level
Legendre Coefficients

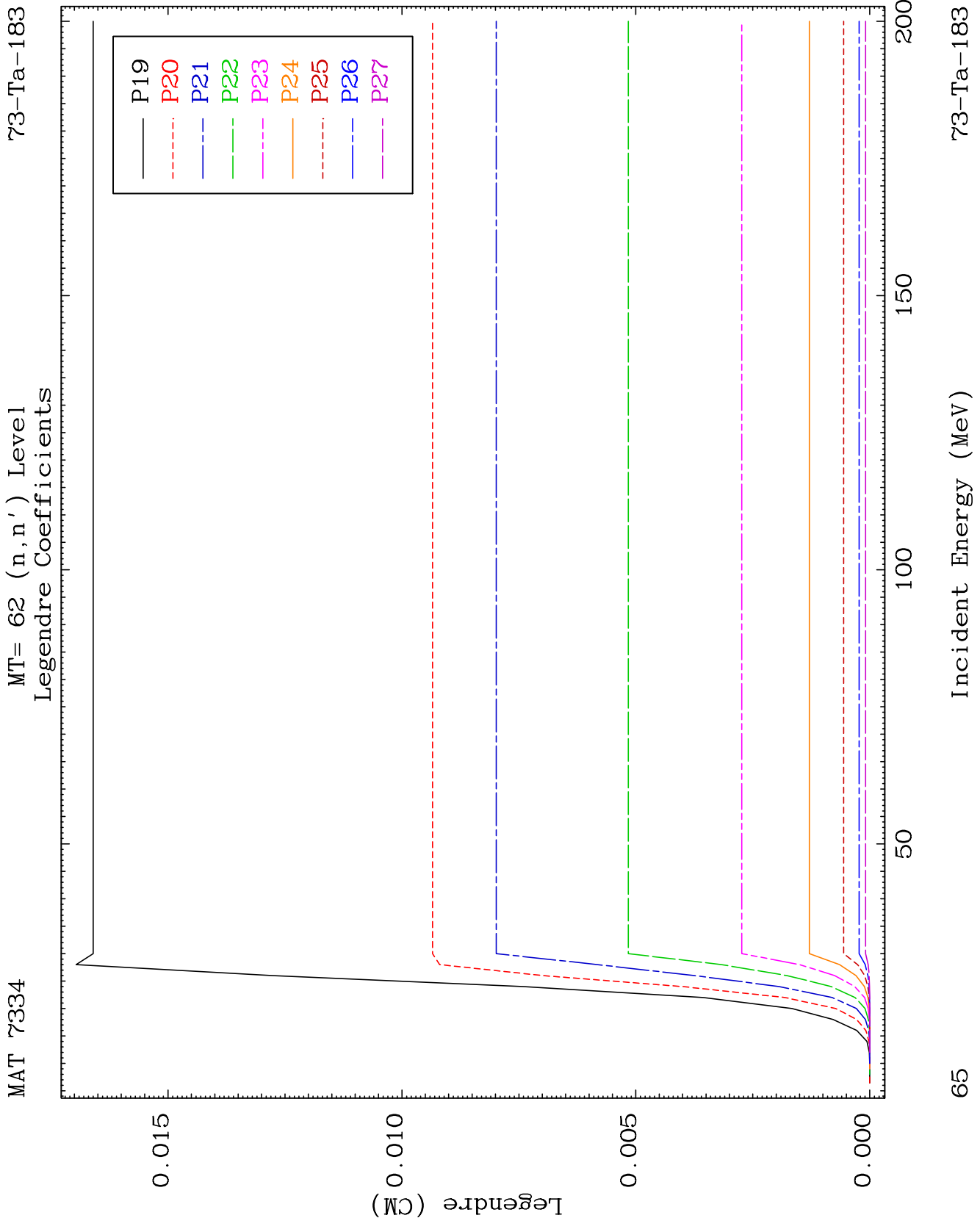
73-Ta-183



62



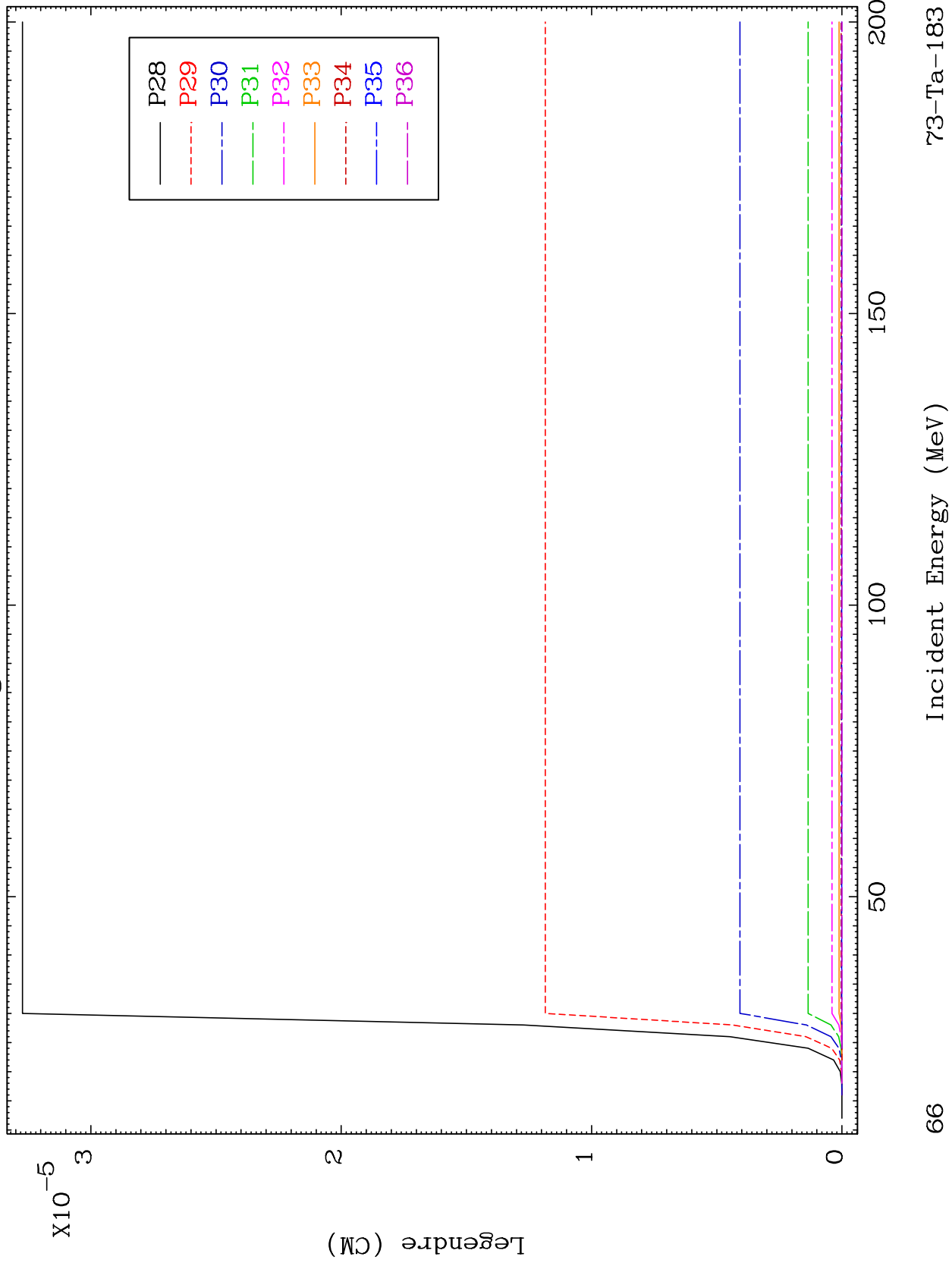




MAT 7334

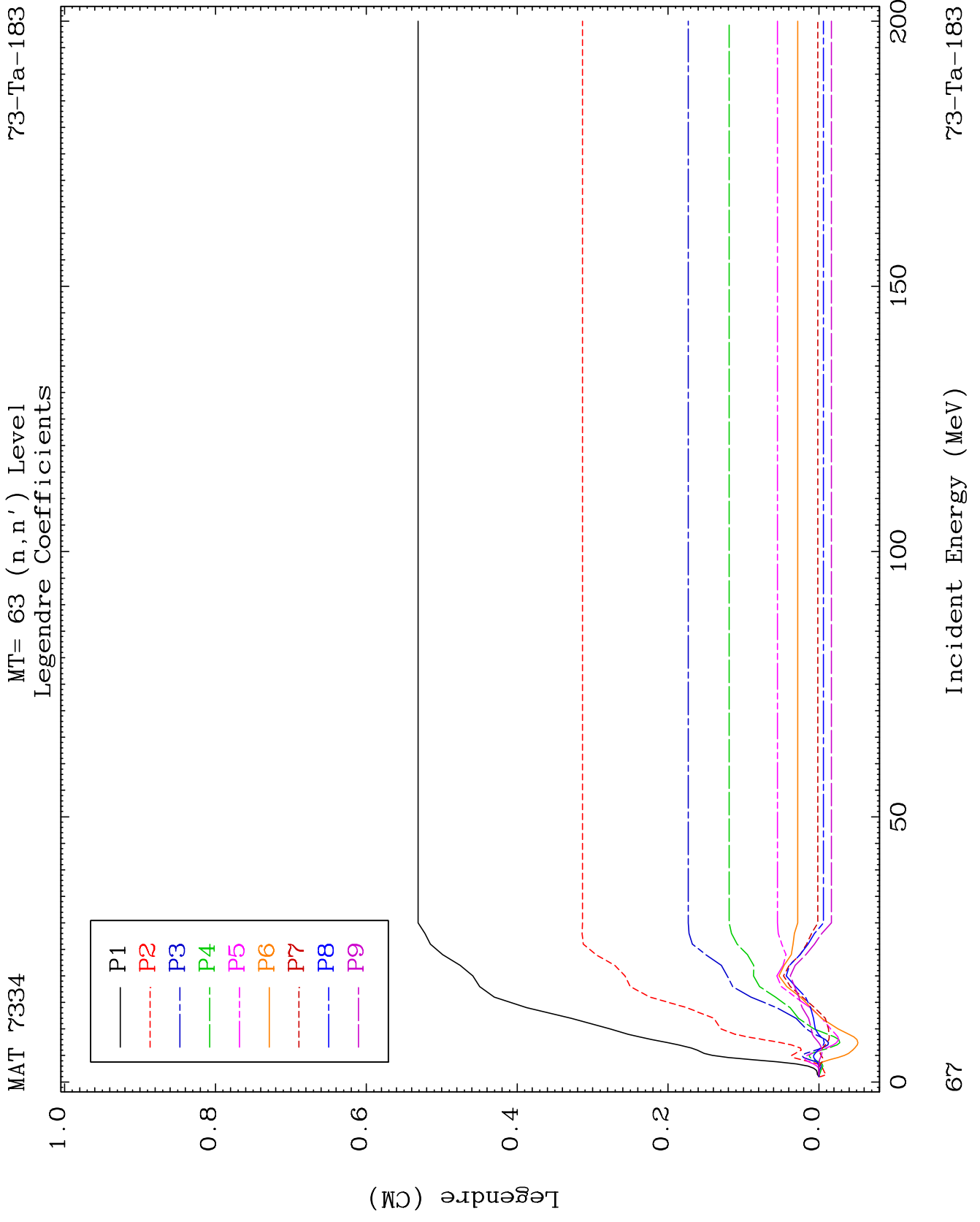
MT= 62 (n,n') Level
Legendre Coefficients

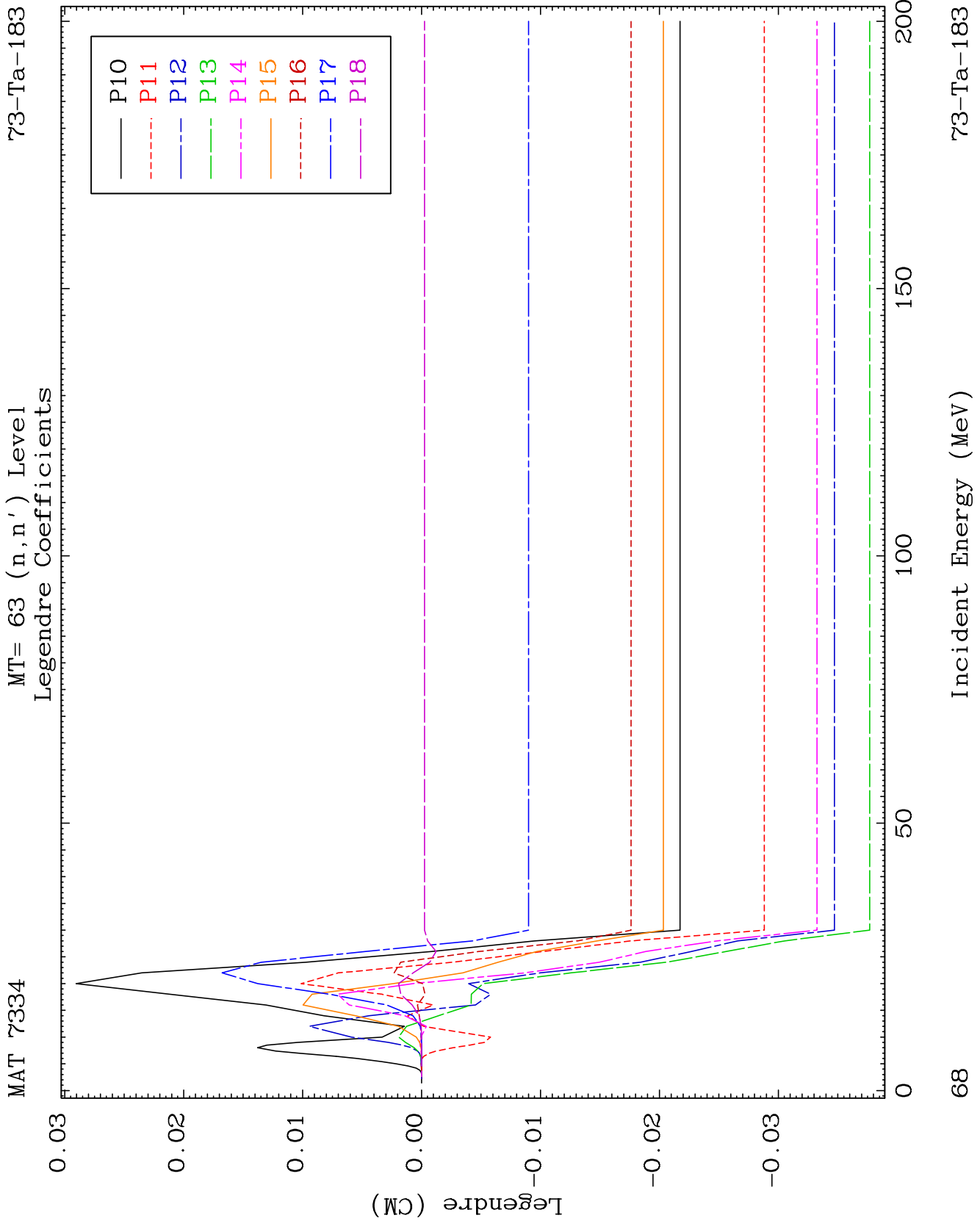
73-Ta-183

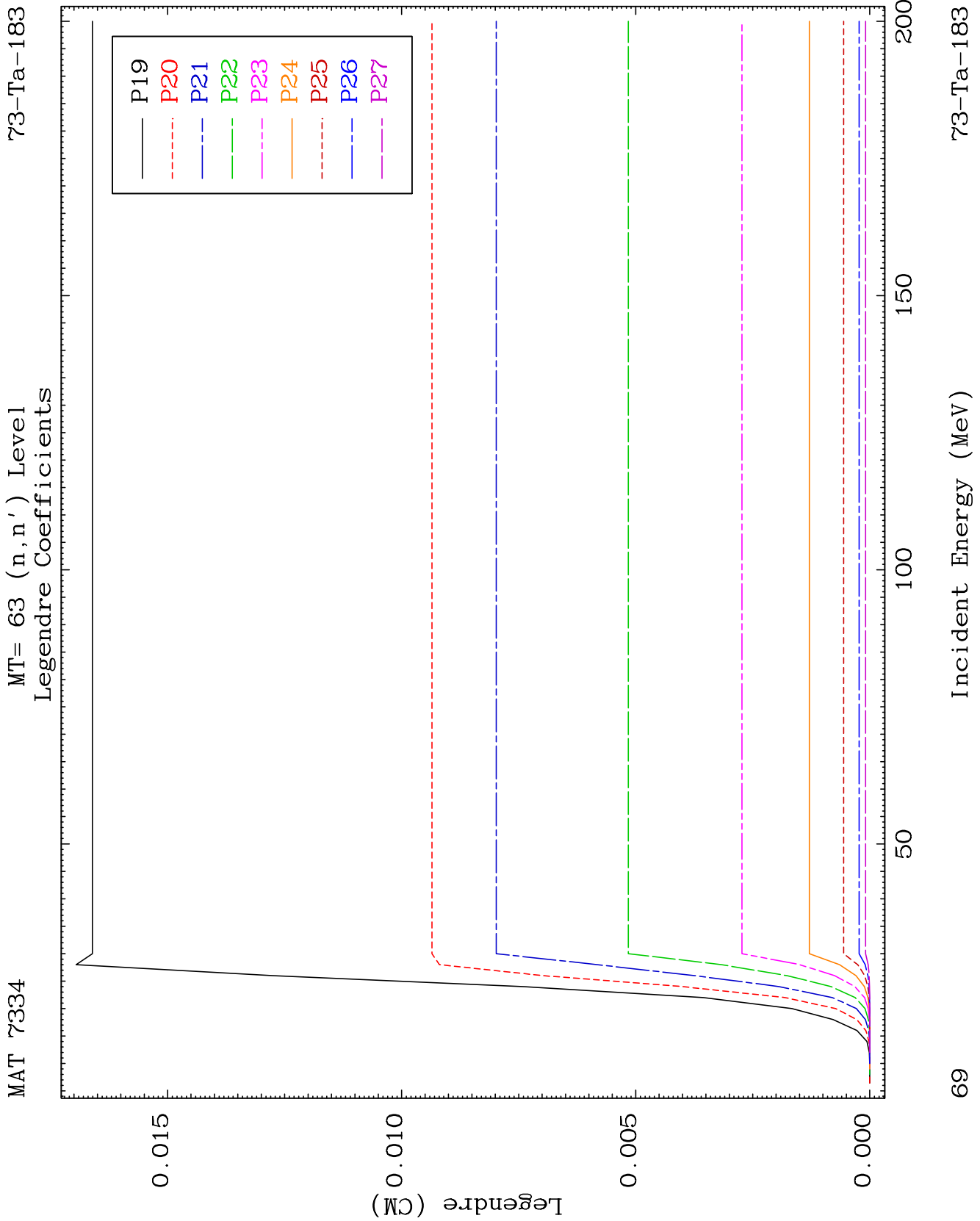


66

73-Ta-183



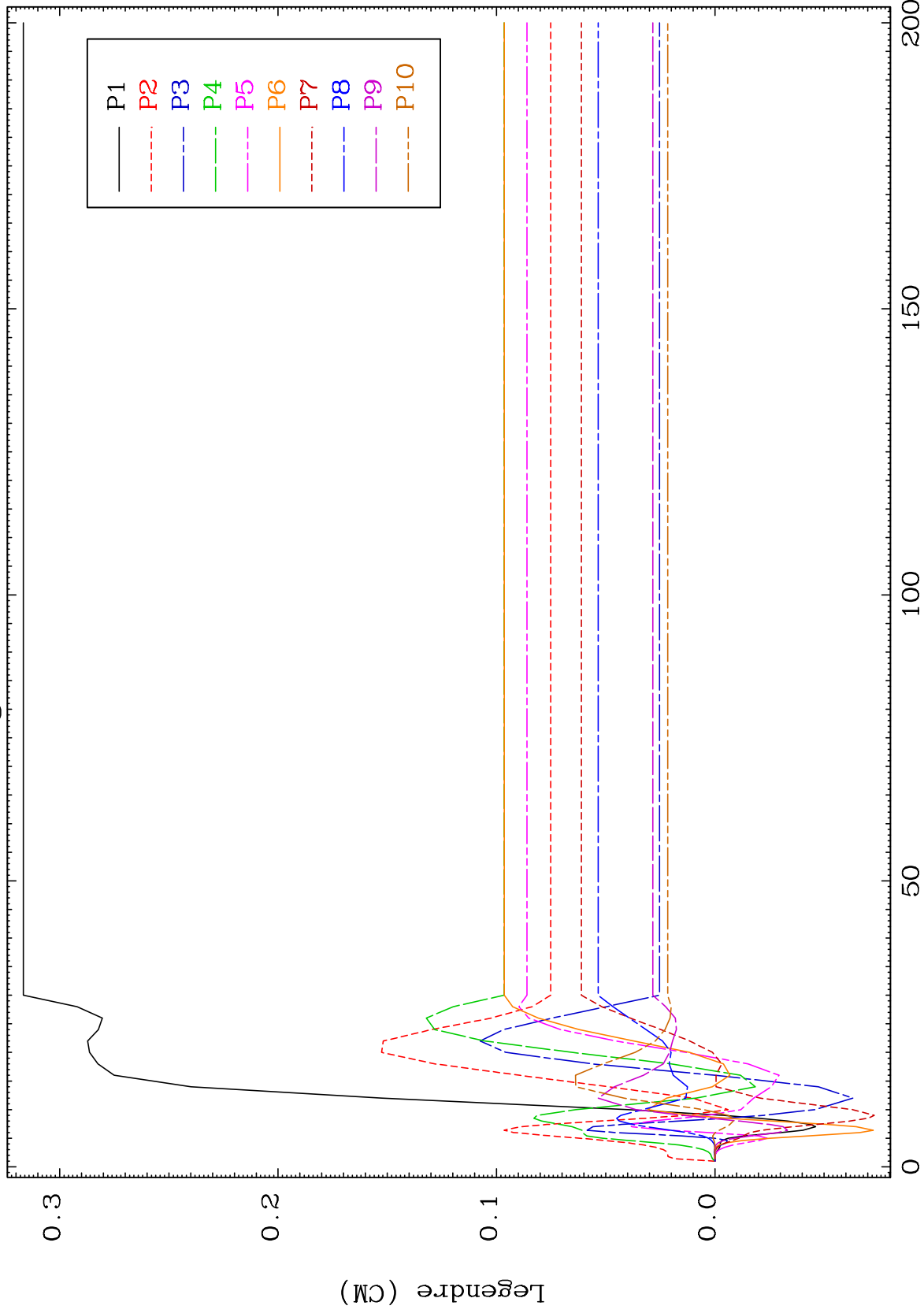




MAT 7334

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

⁷³Ta-183



71

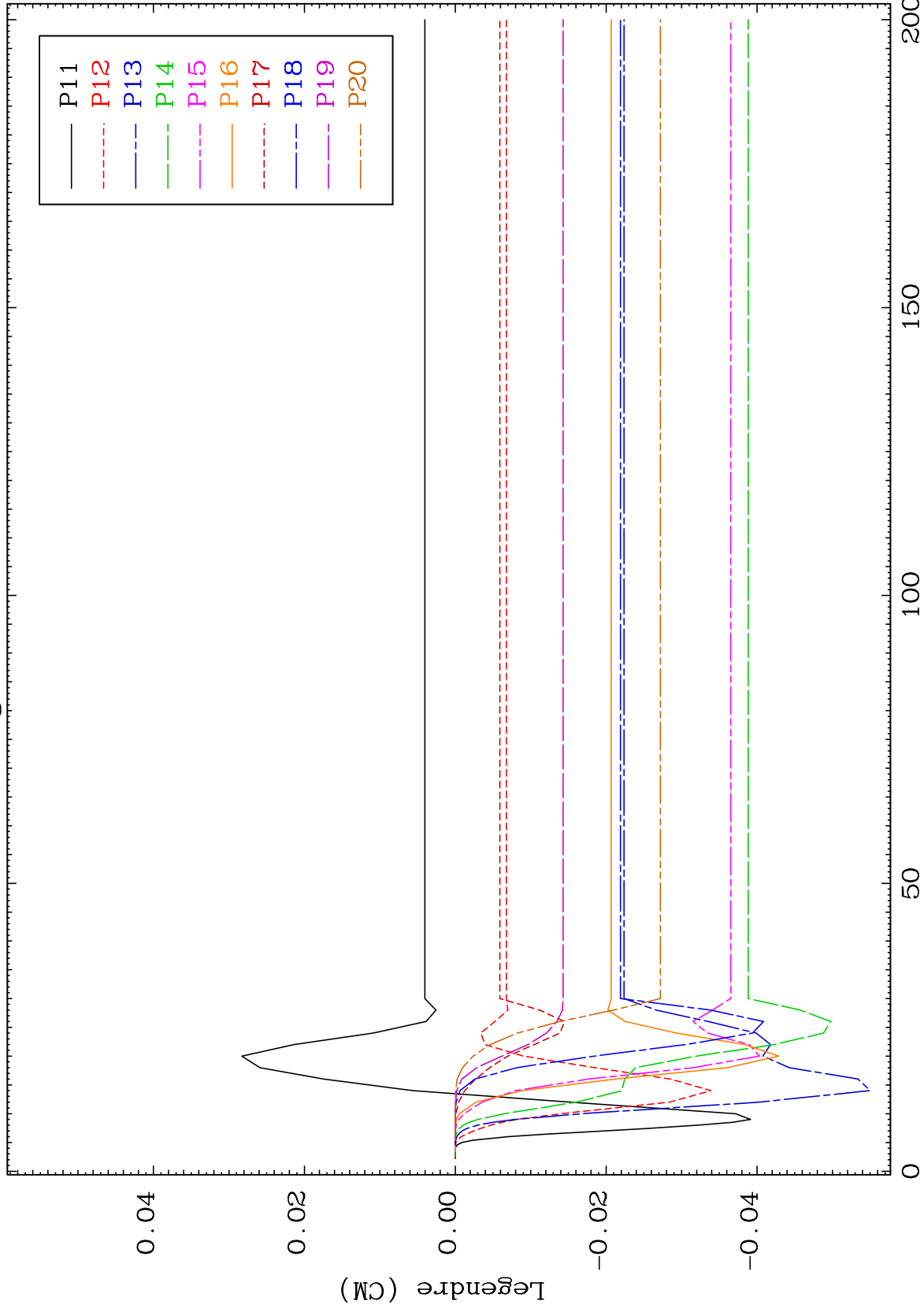
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

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

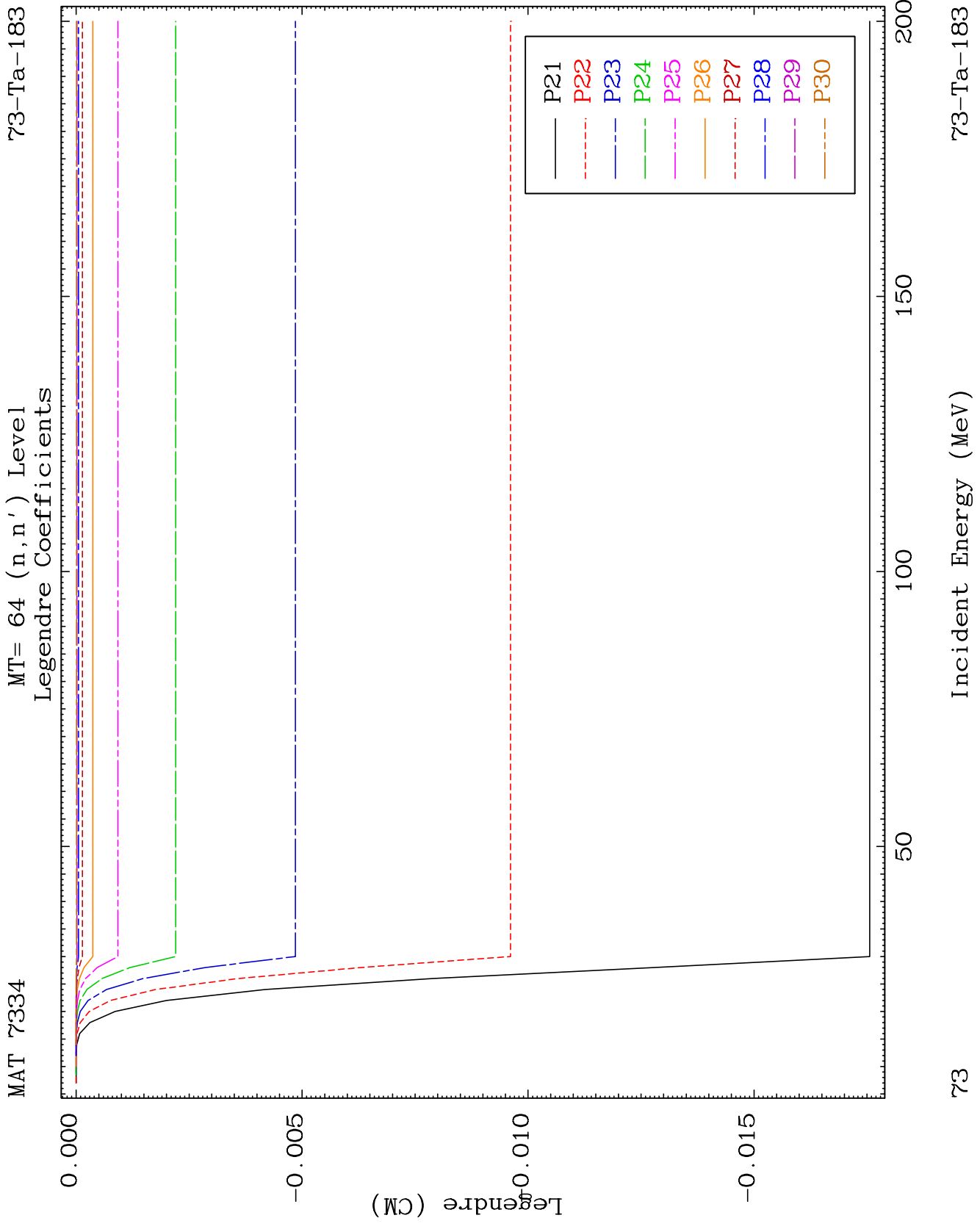
73-Ta-183

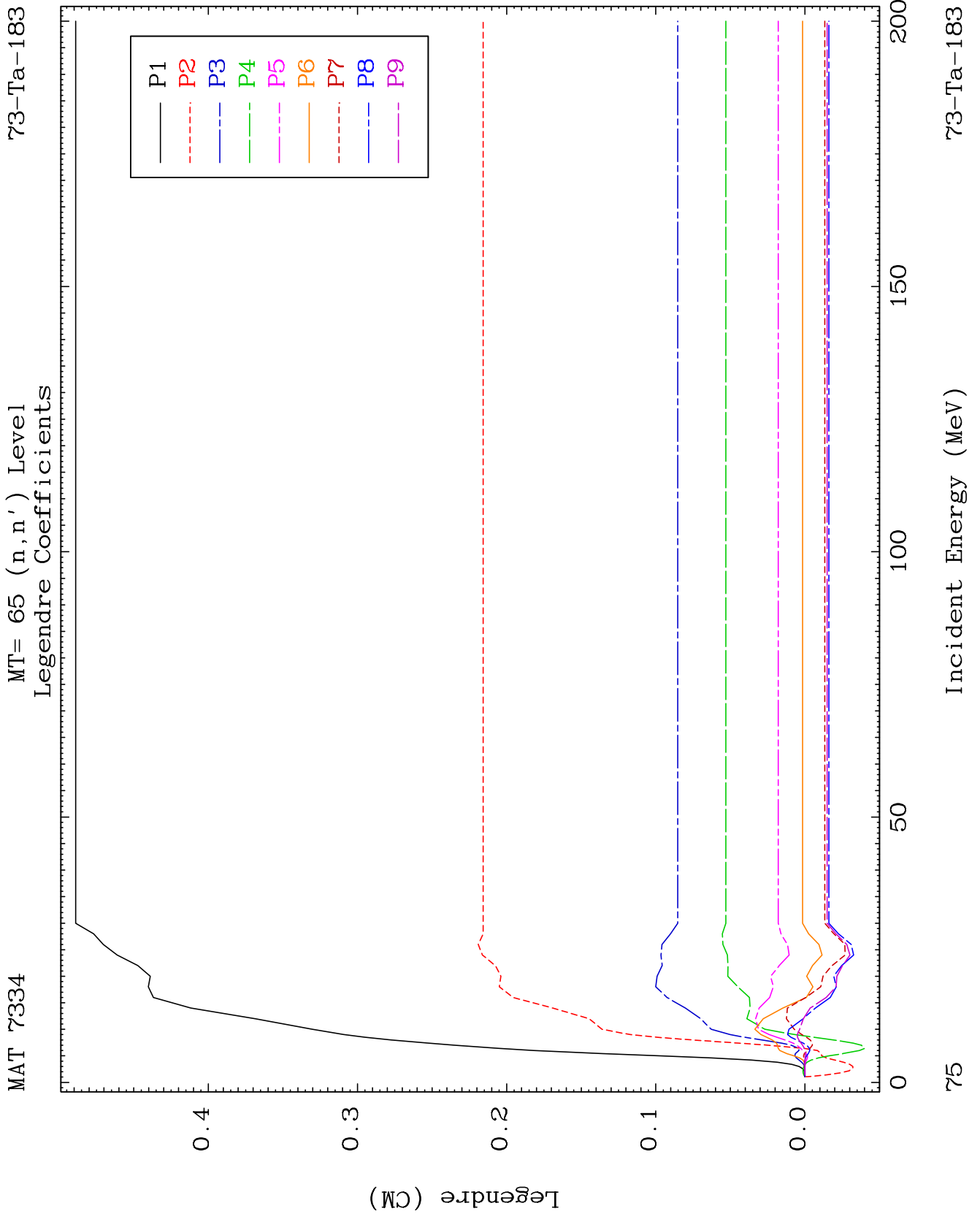


72

Incident Energy (MeV)

73-Ta-183

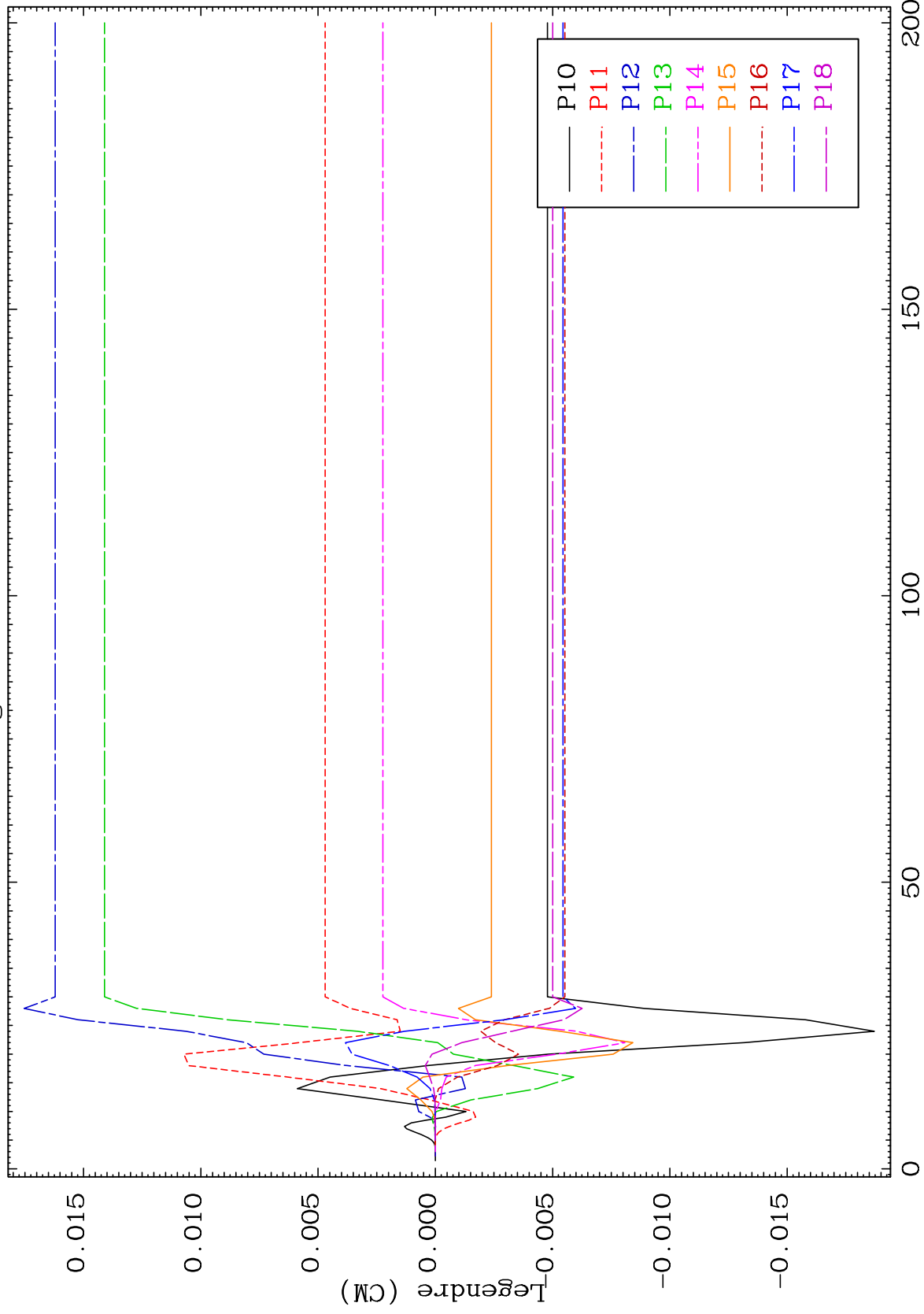




MAT 7334

73-Ta-183

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



76

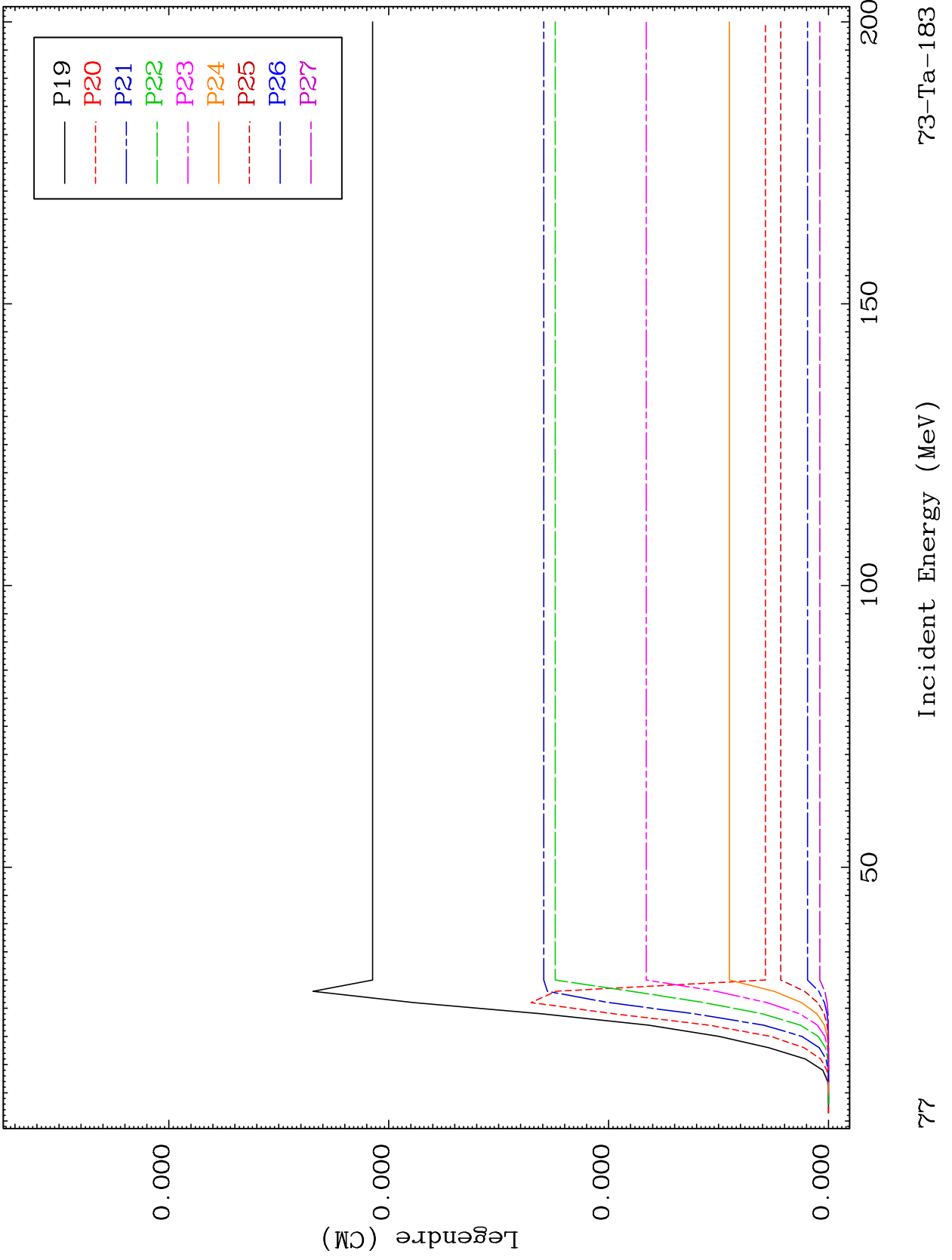
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183

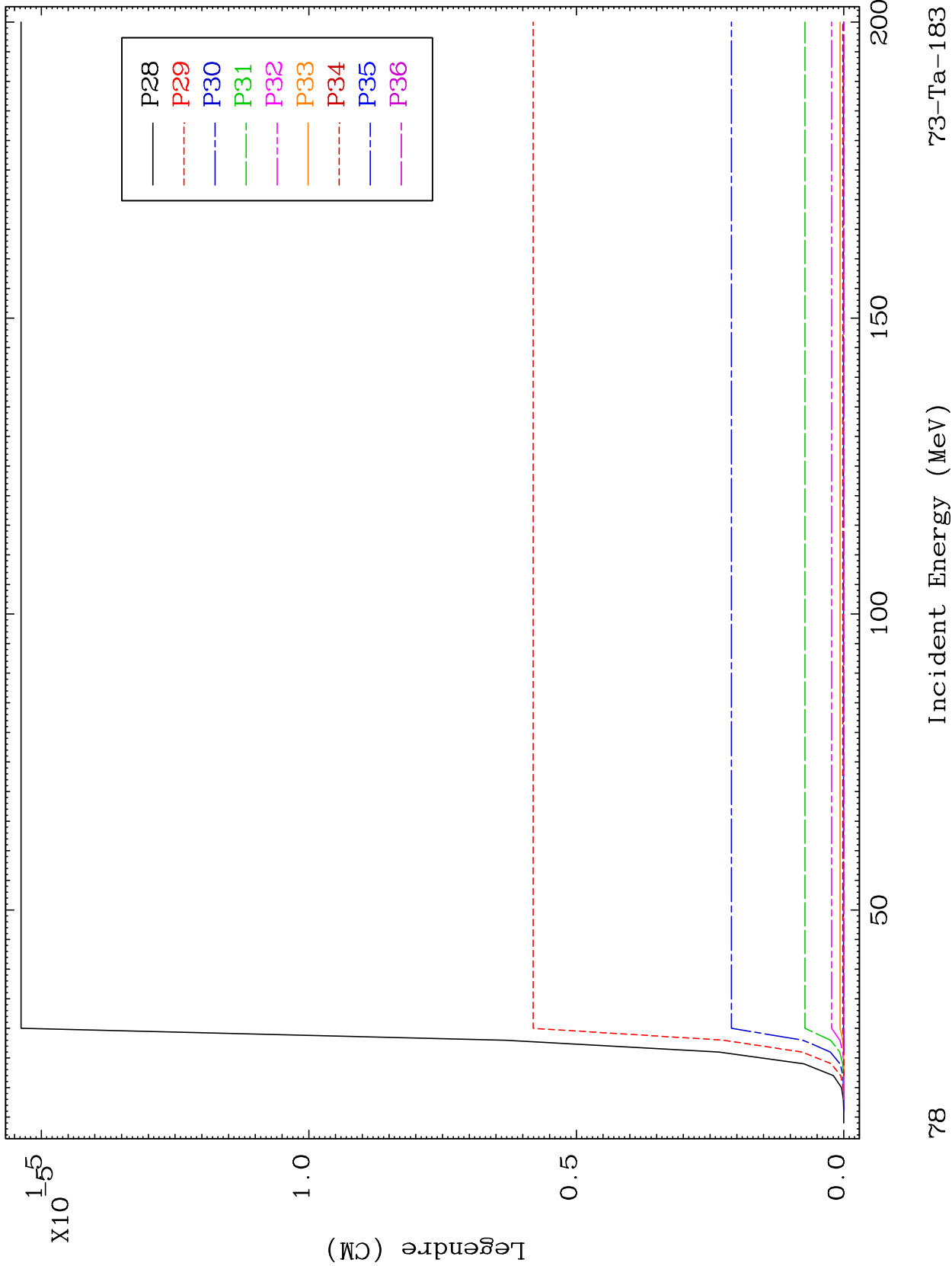


77

MAT 7334

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

73-Ta-183



78

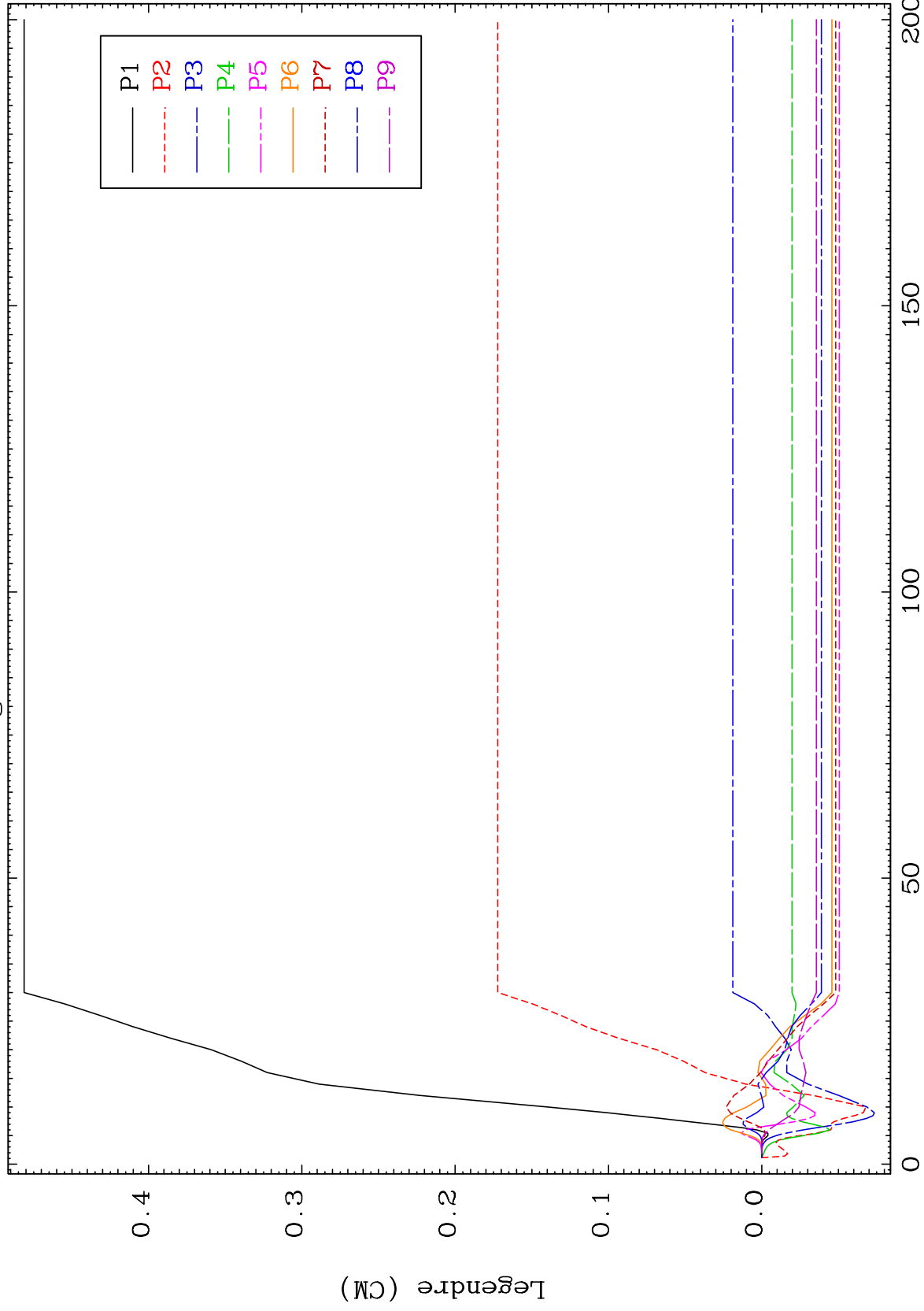
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

⁷³Ta-183



79

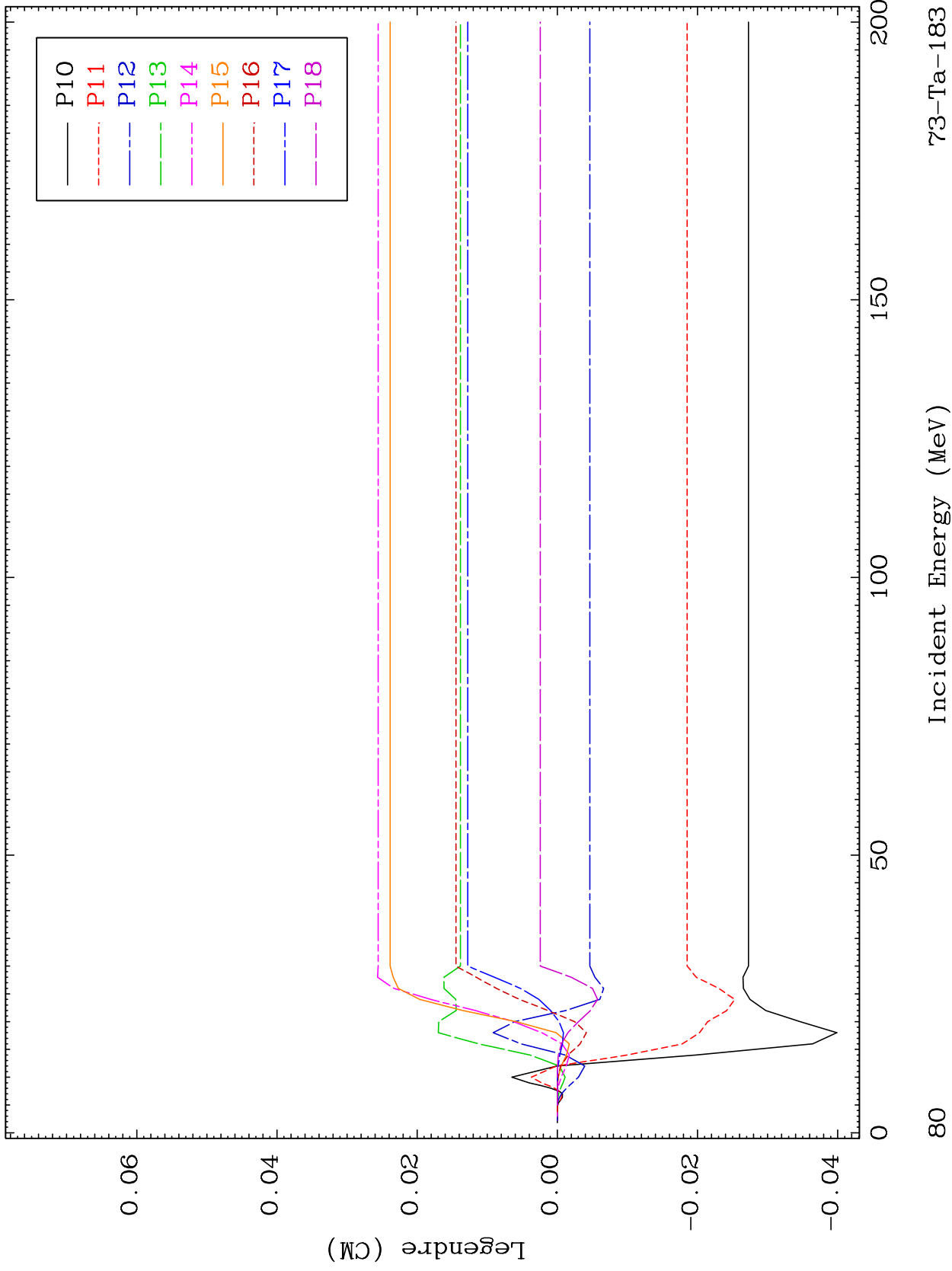
Incident Energy (MeV)

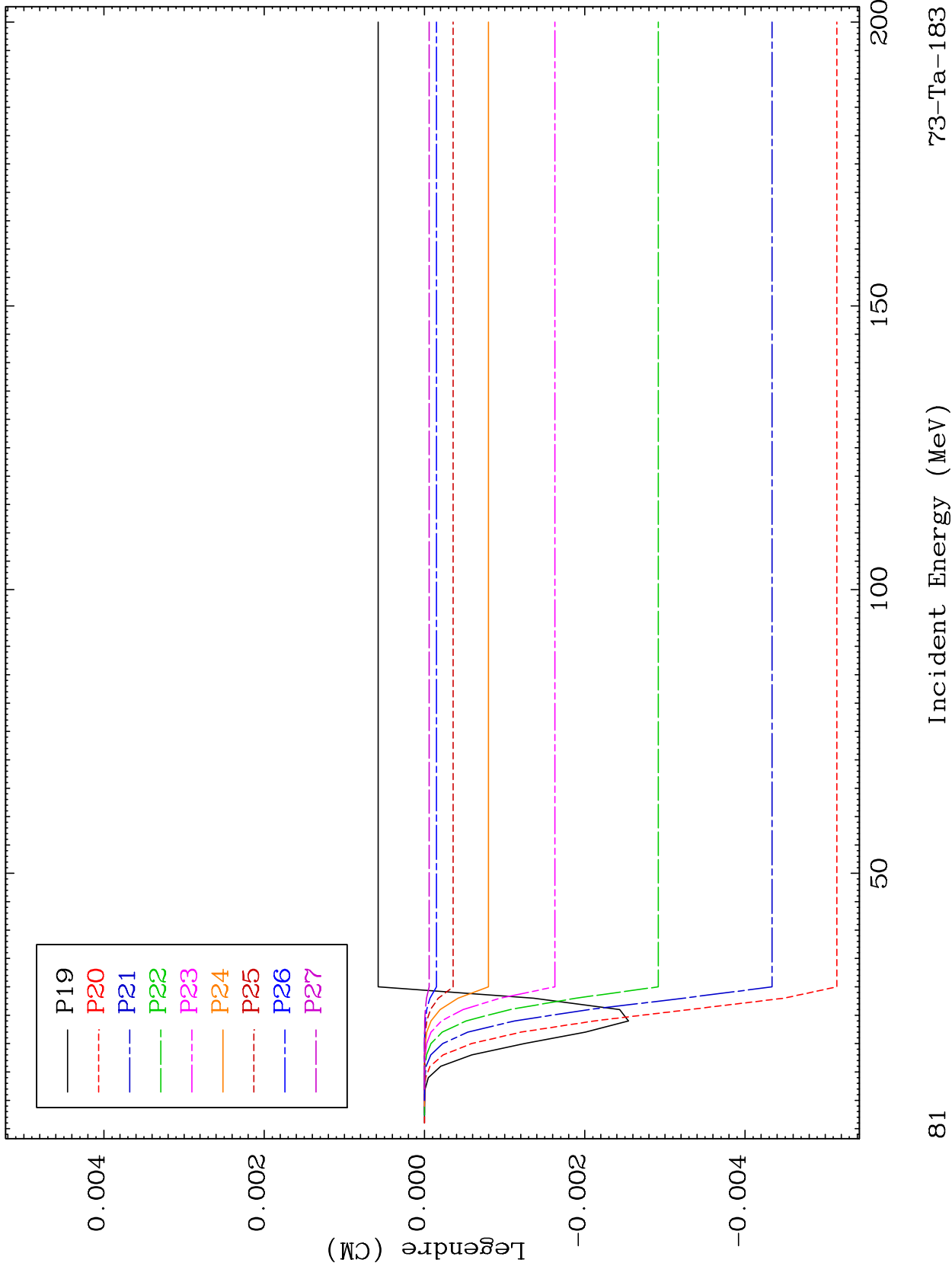
⁷³Ta-183

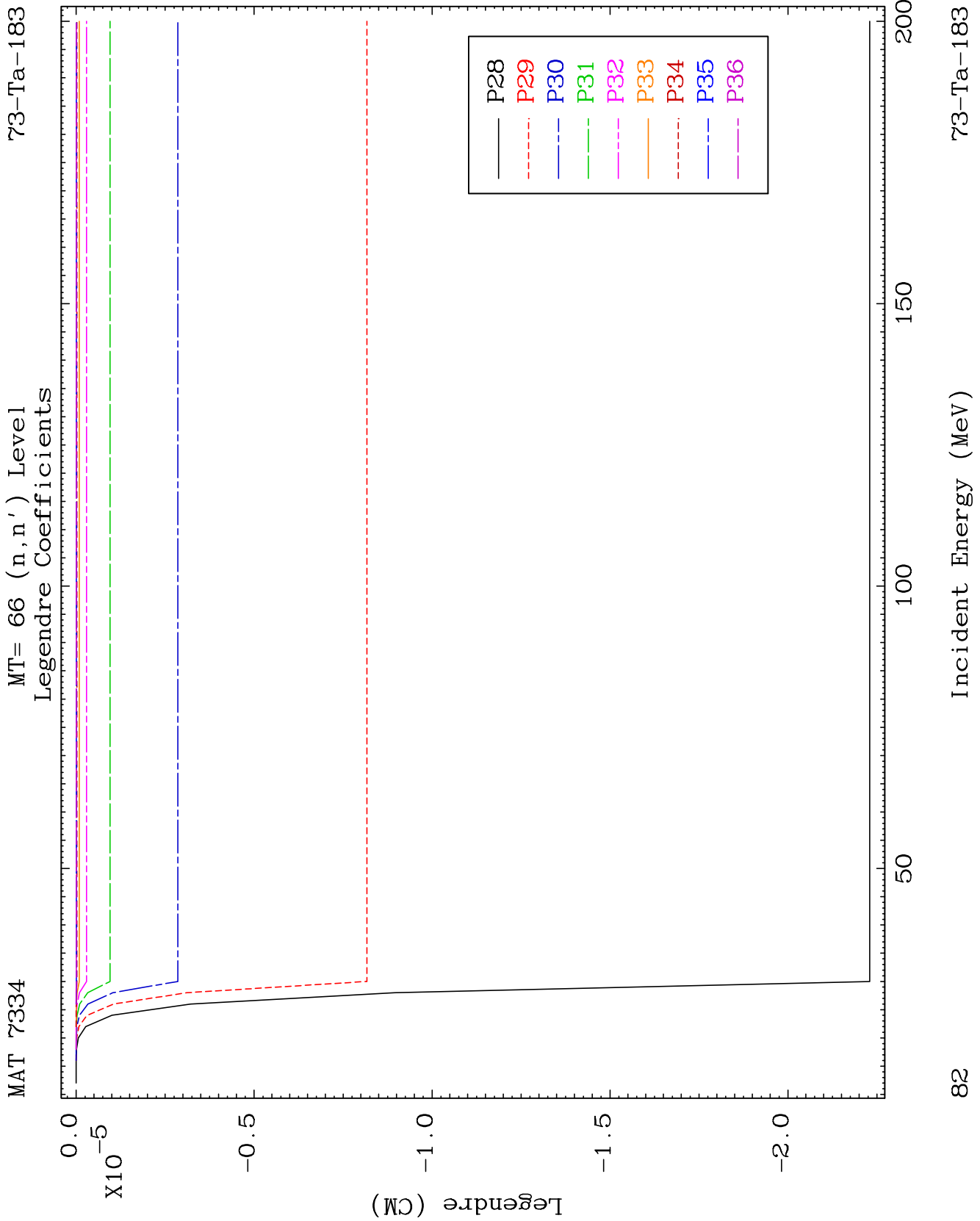
MAT 7334

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

73-Ta-183



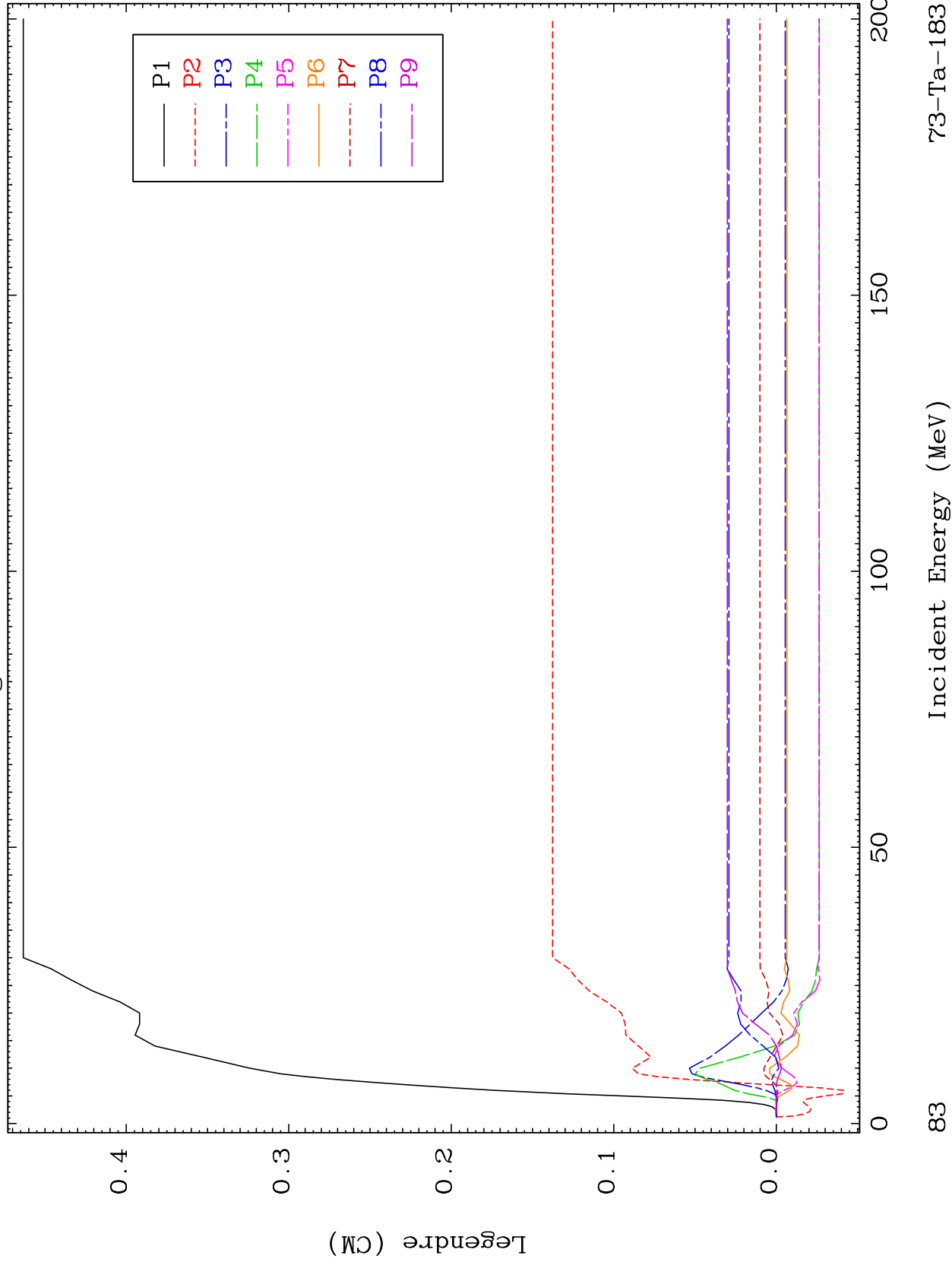




MAT 7334

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

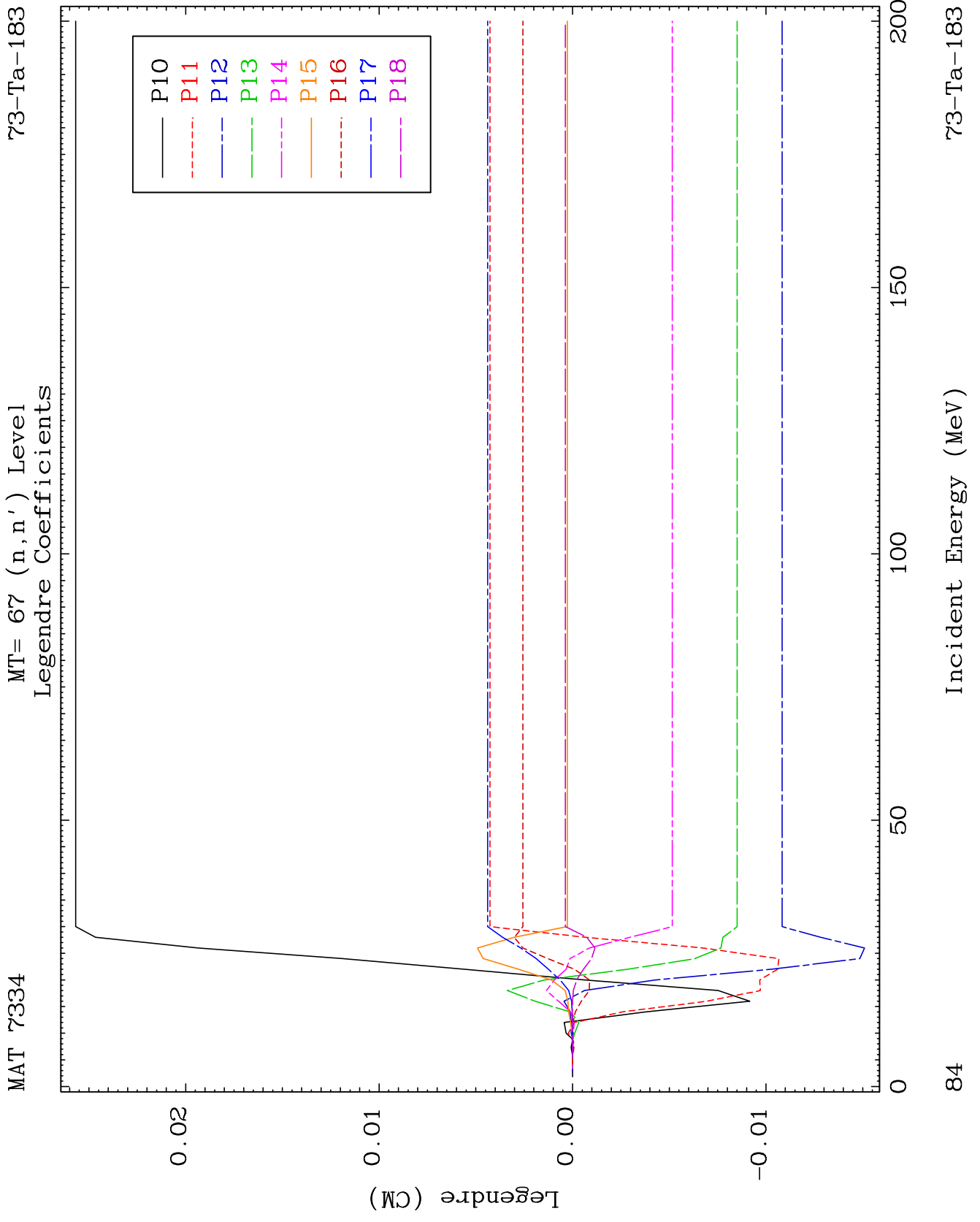
73-Ta-183



73-Ta-183

Incident Energy (MeV)

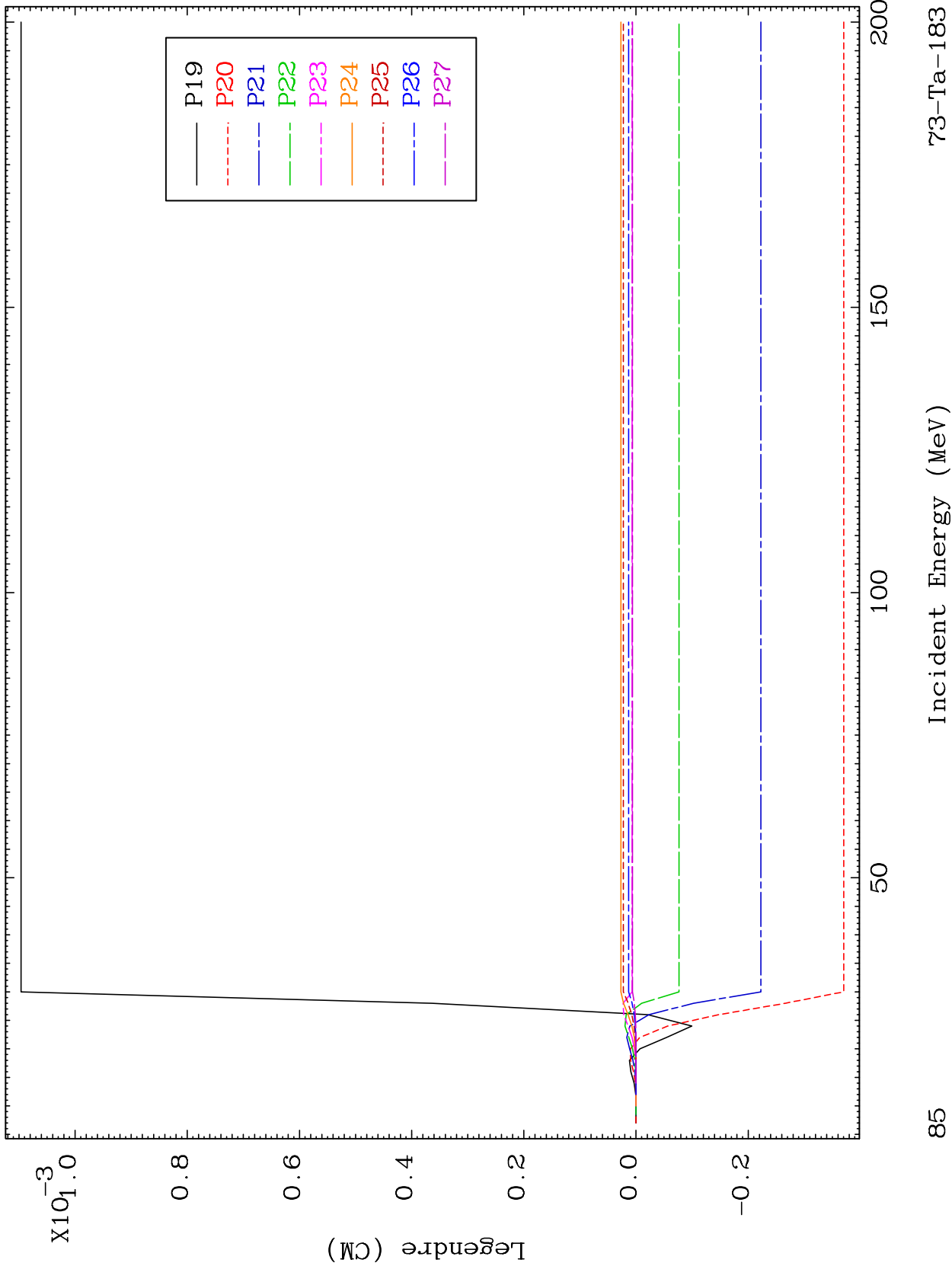
83



MAT 7334

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

73-Ta-183



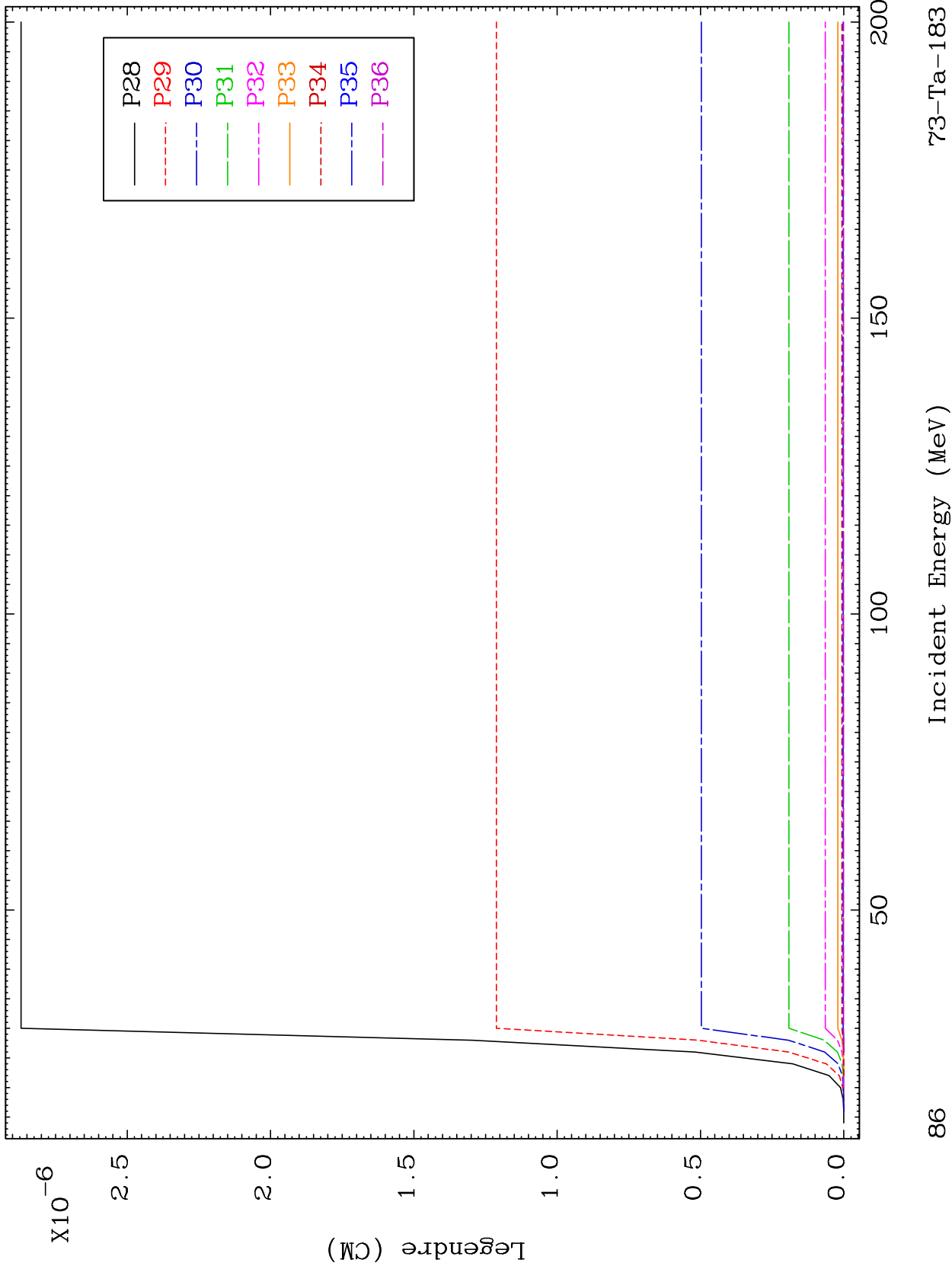
85

73-Ta-183

MAT 7334

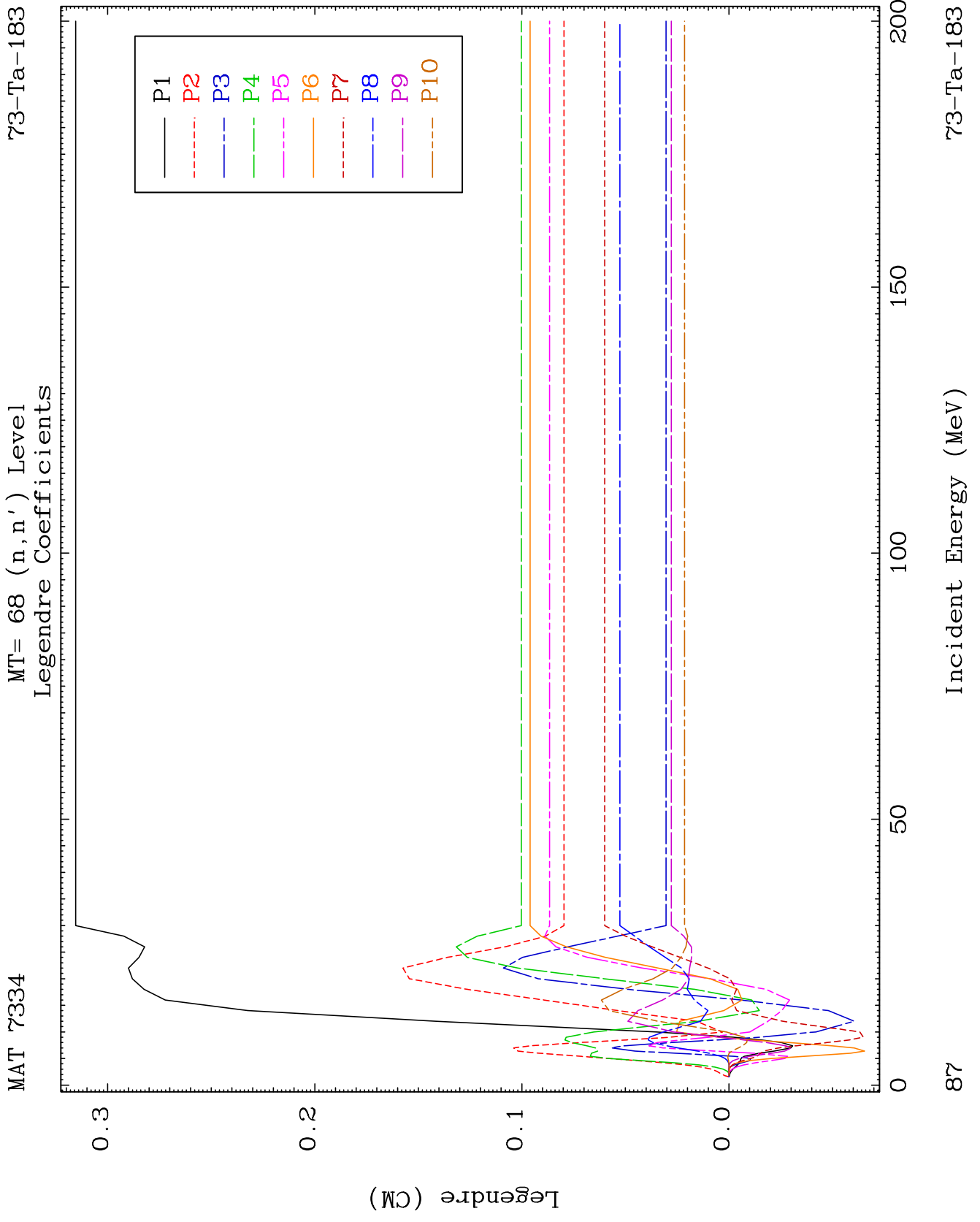
MT= 67 (n,n') Level
Legendre Coefficients

73-Ta-183



86

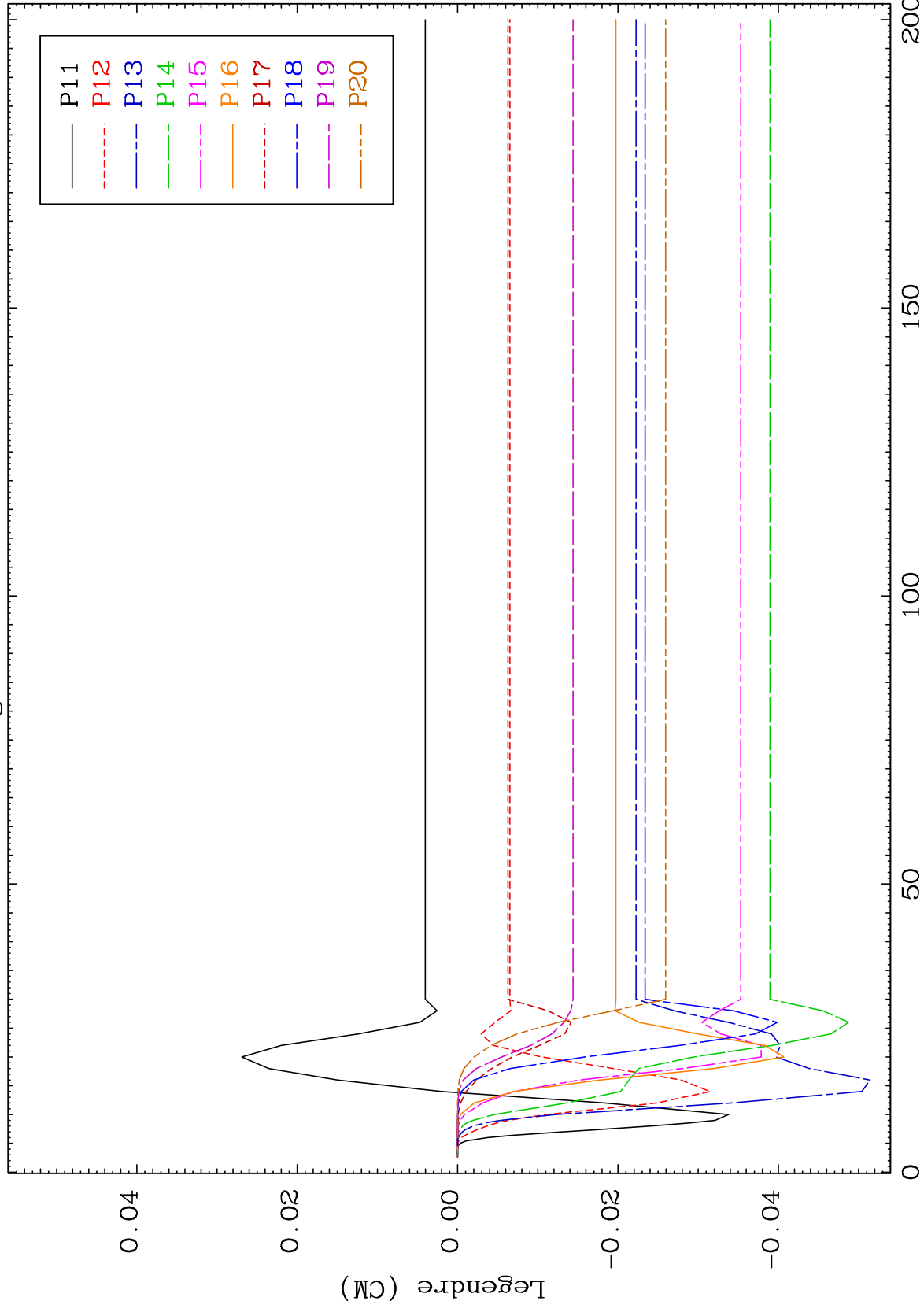
73-Ta-183



MAT 7334

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

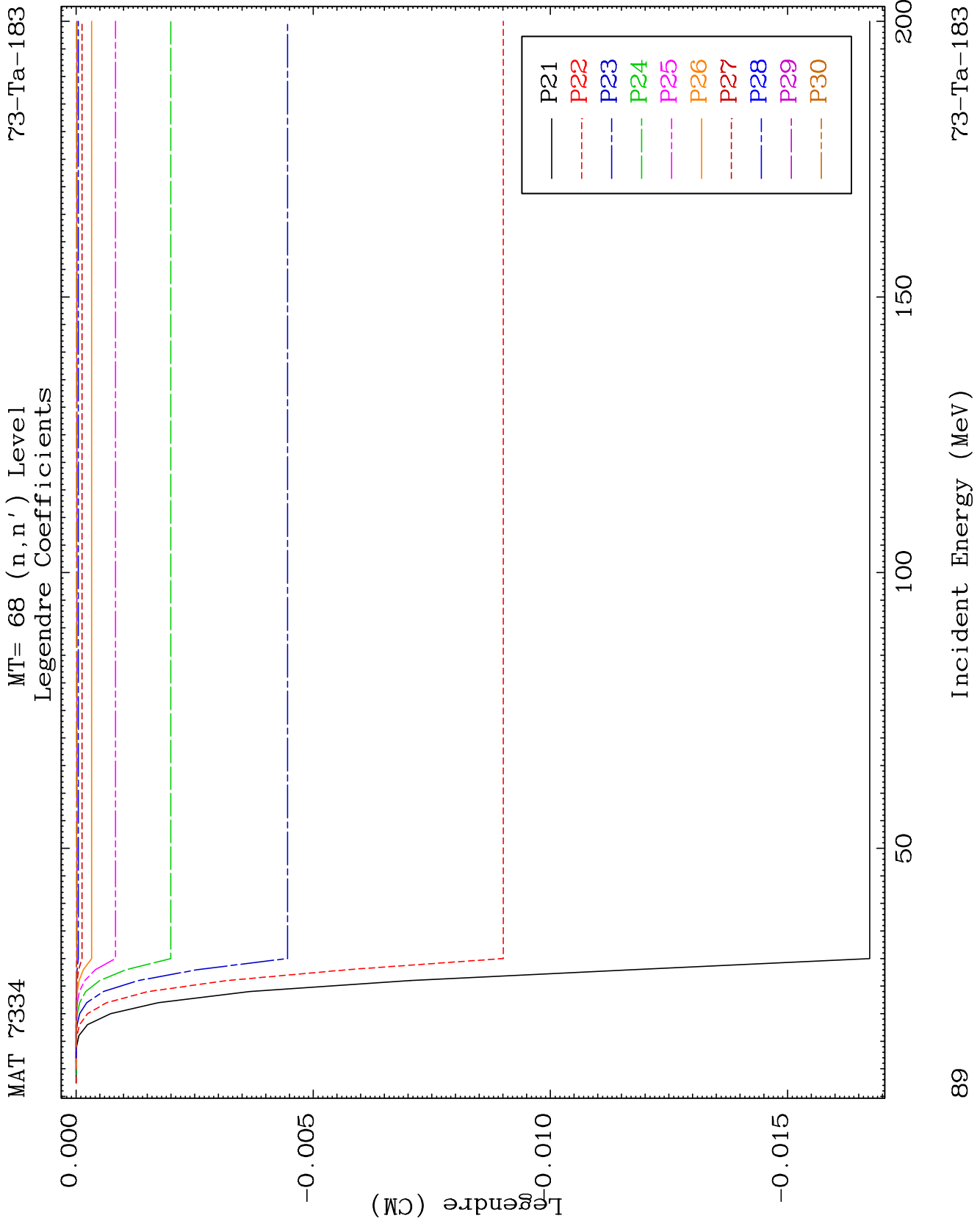
73-Ta-183

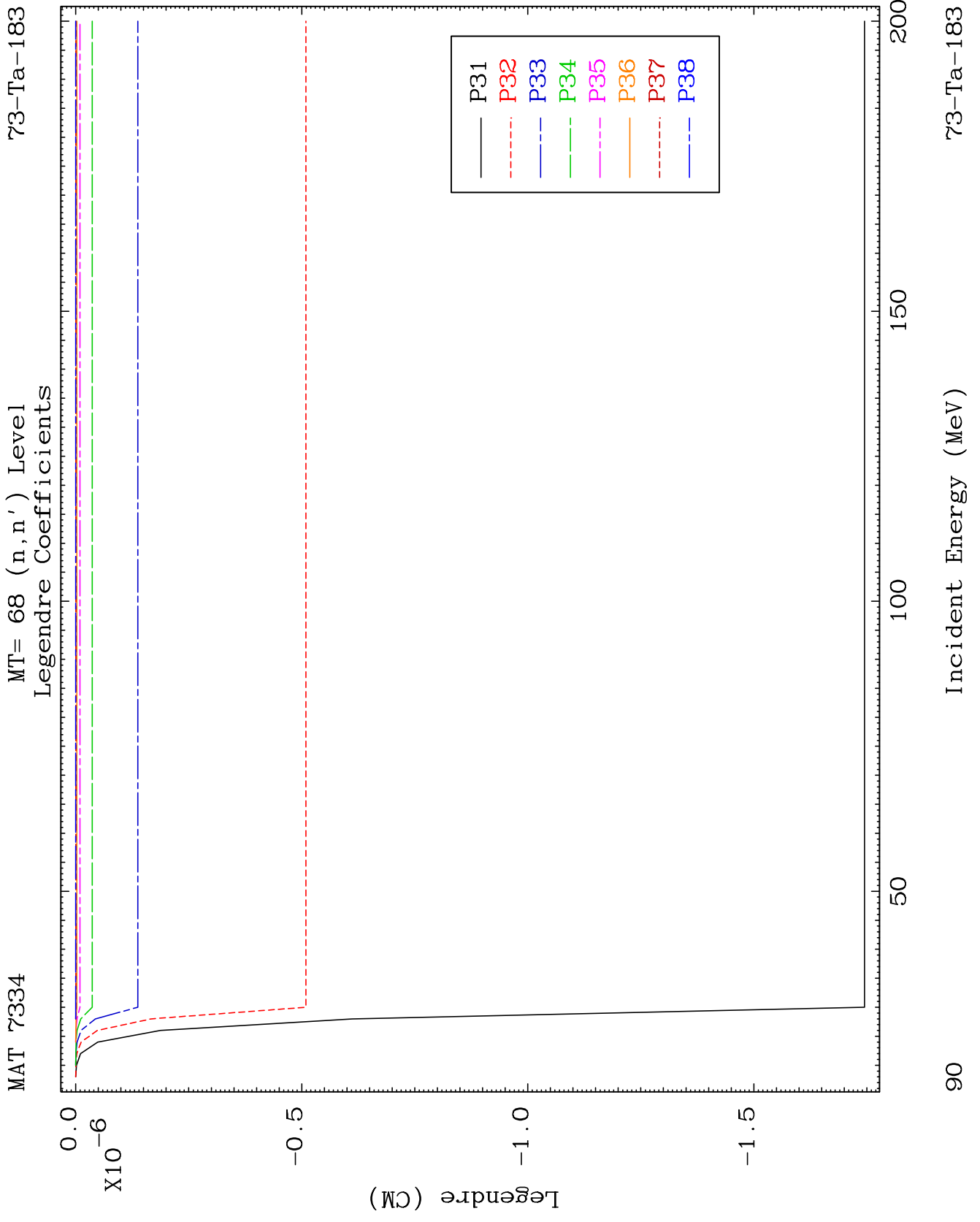


88

Incident Energy (MeV)

73-Ta-183

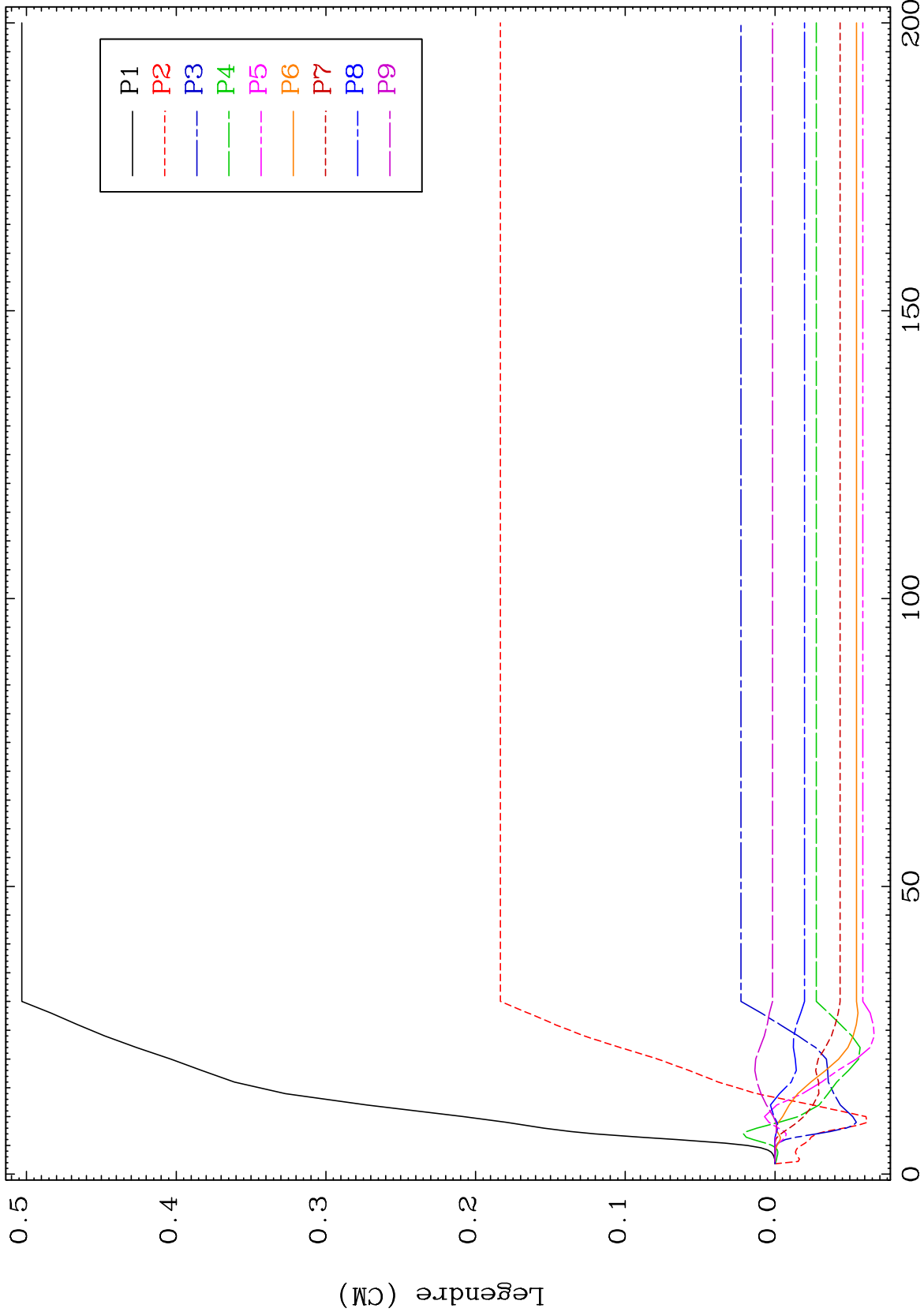




MAT 7334

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

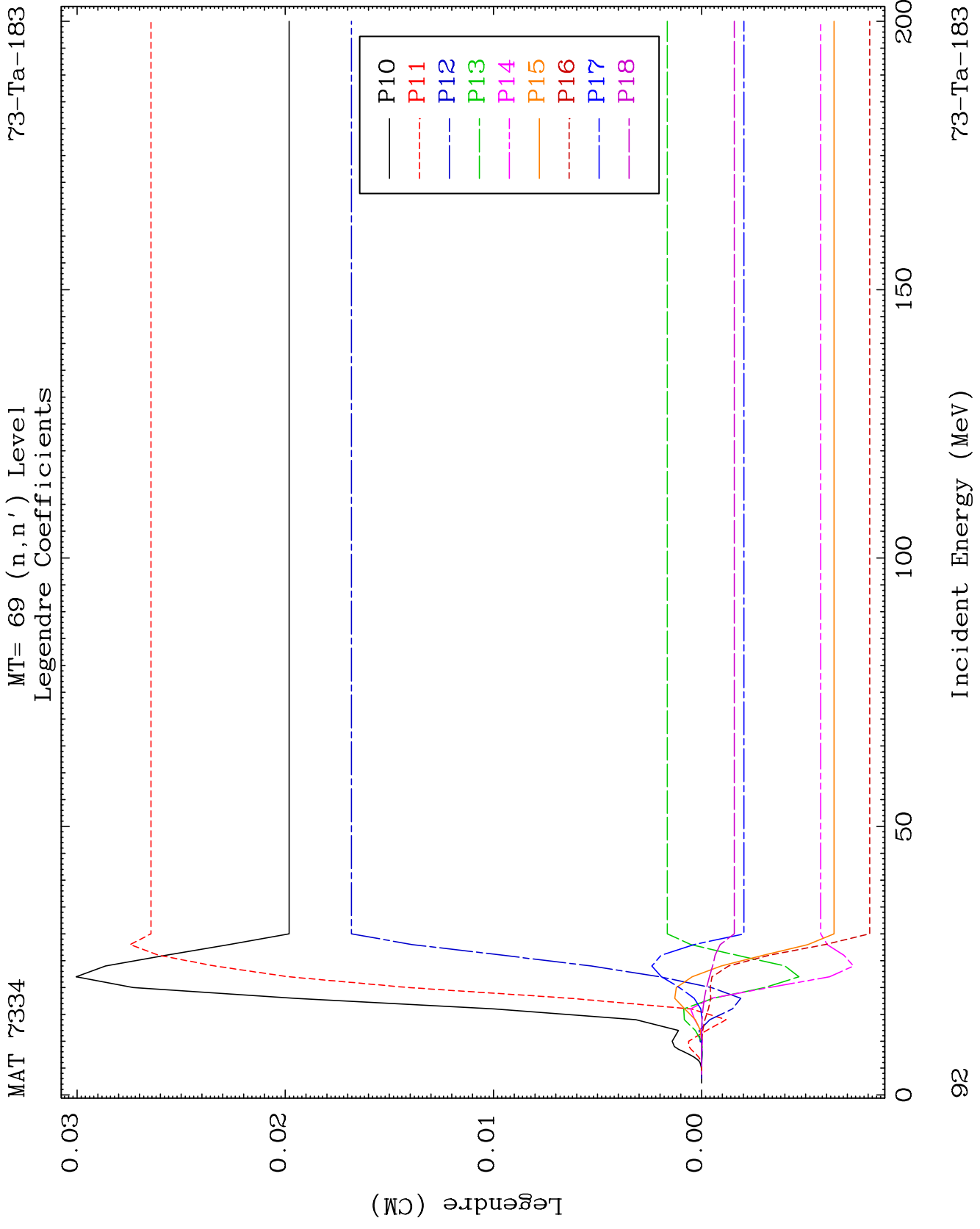
⁷³Ta-183



91

Incident Energy (MeV)

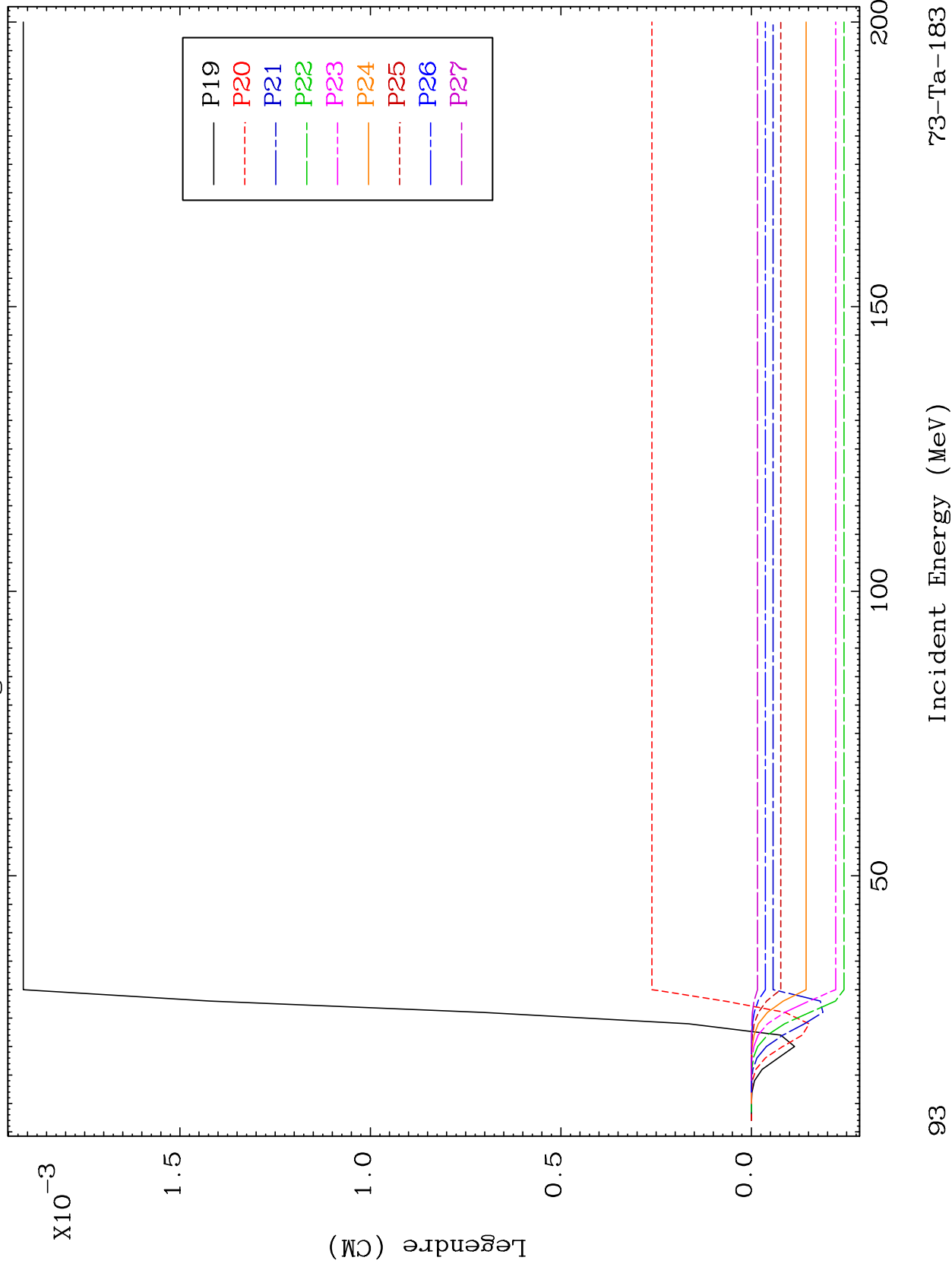
⁷³Ta-183



MAT 7334

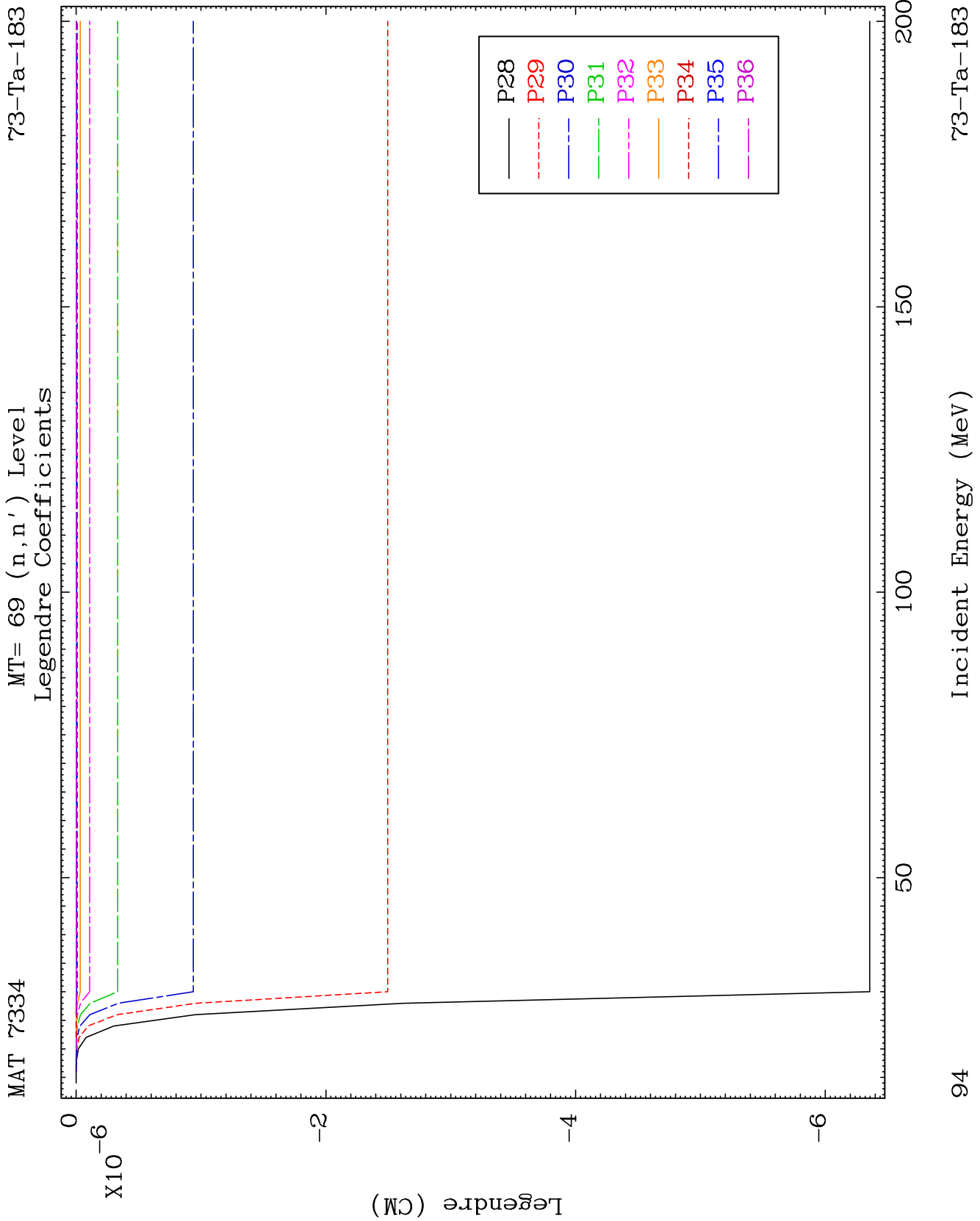
MT= 69 (n,n') Level
Legendre Coefficients

73-Ta-183



93

73-Ta-183

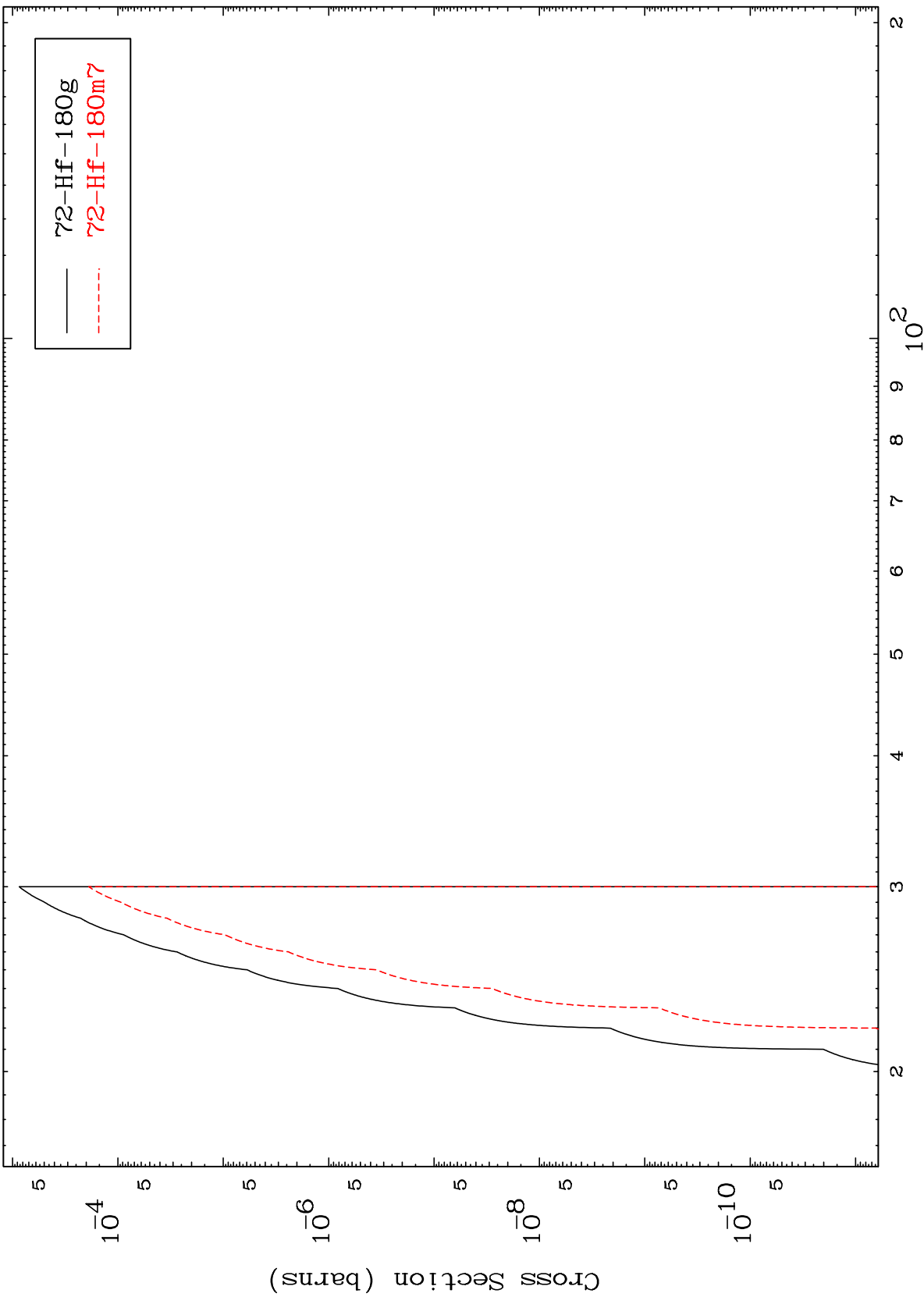


MAT 7334

(n,2n) d

73-Ta-183

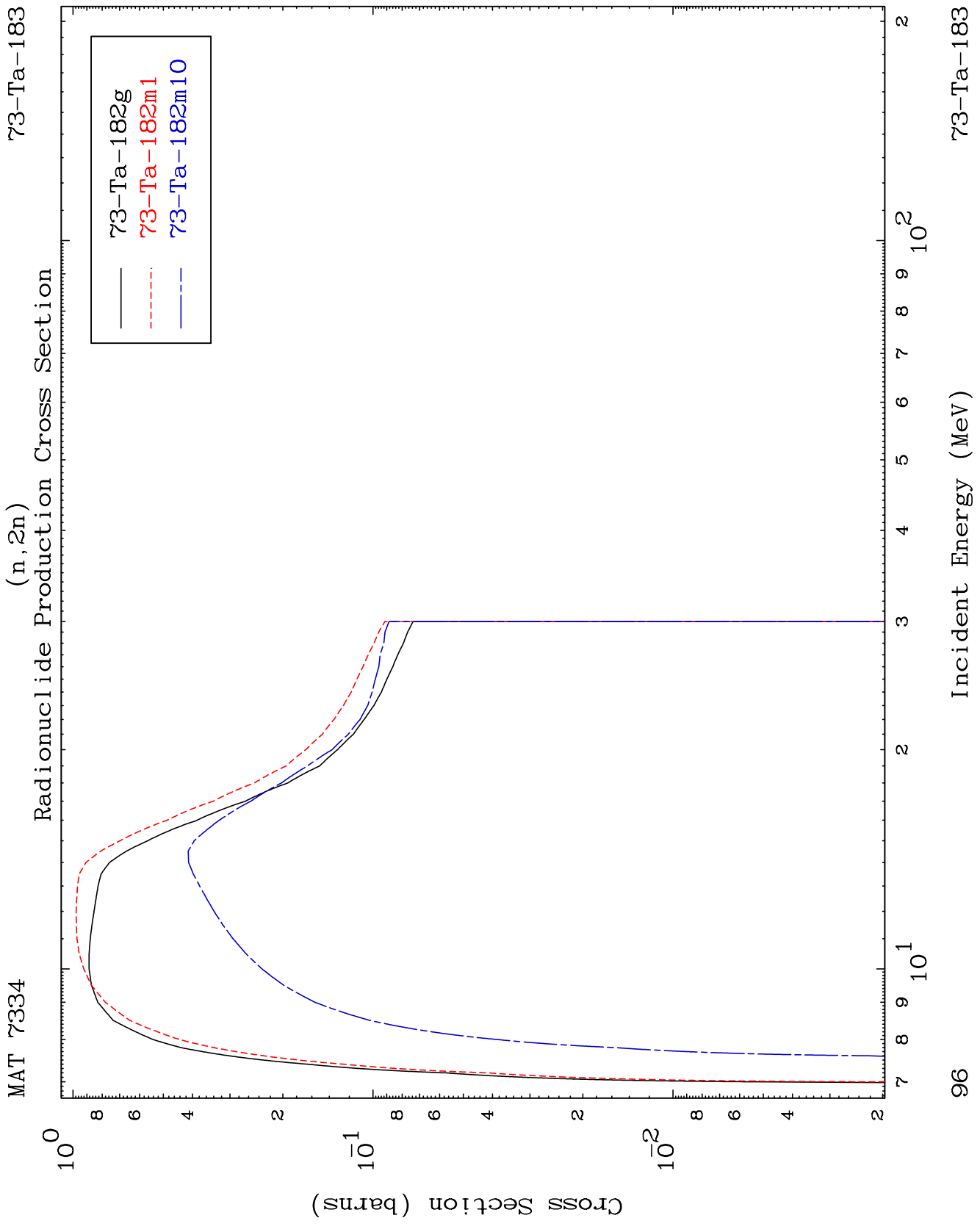
Radionuclide Production Cross Section



95

Incident Energy (MeV)

73-Ta-183

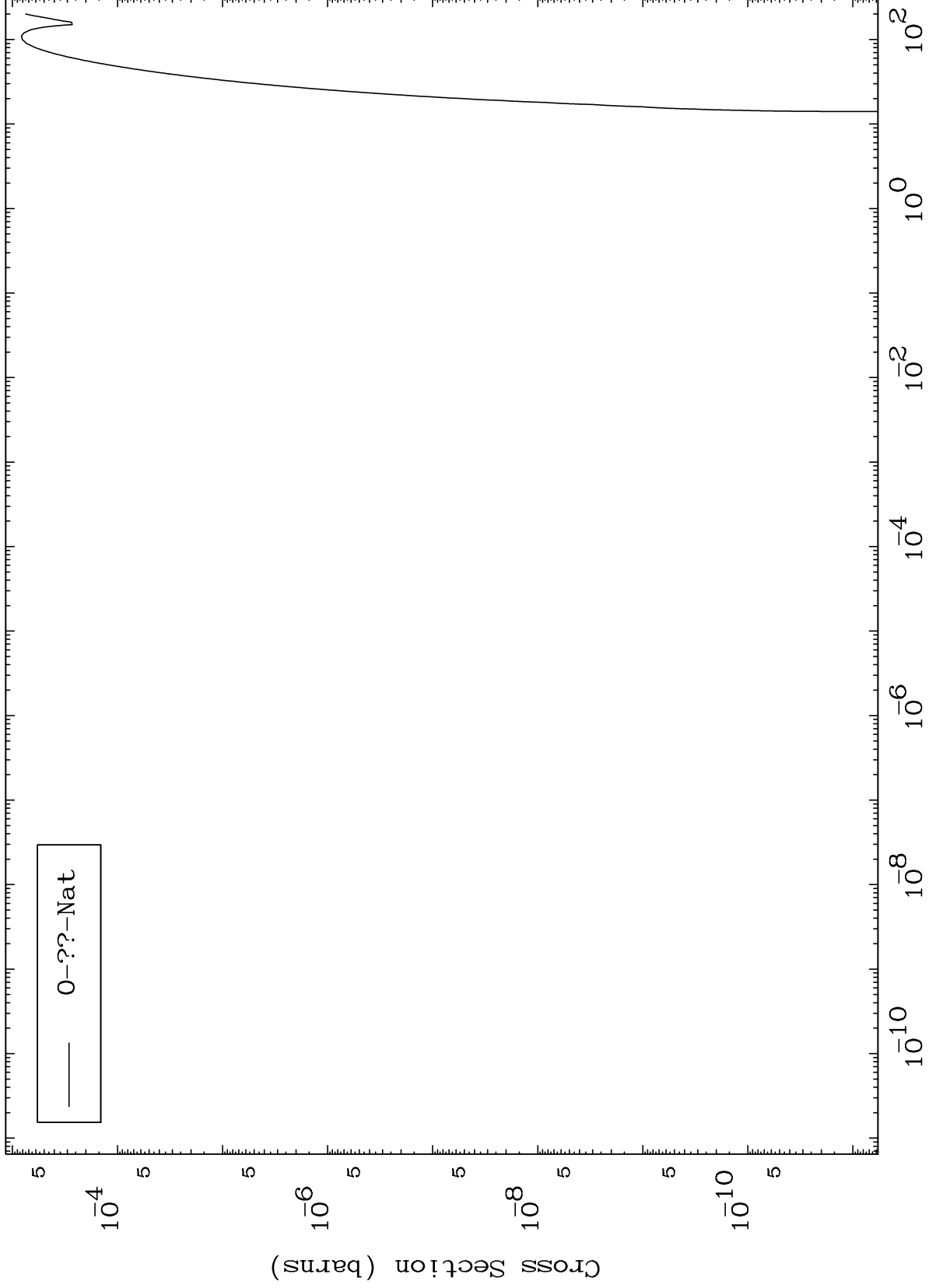


MAT 7334

Fission

⁷³Ta-183

Radionuclide Production Cross Section



97

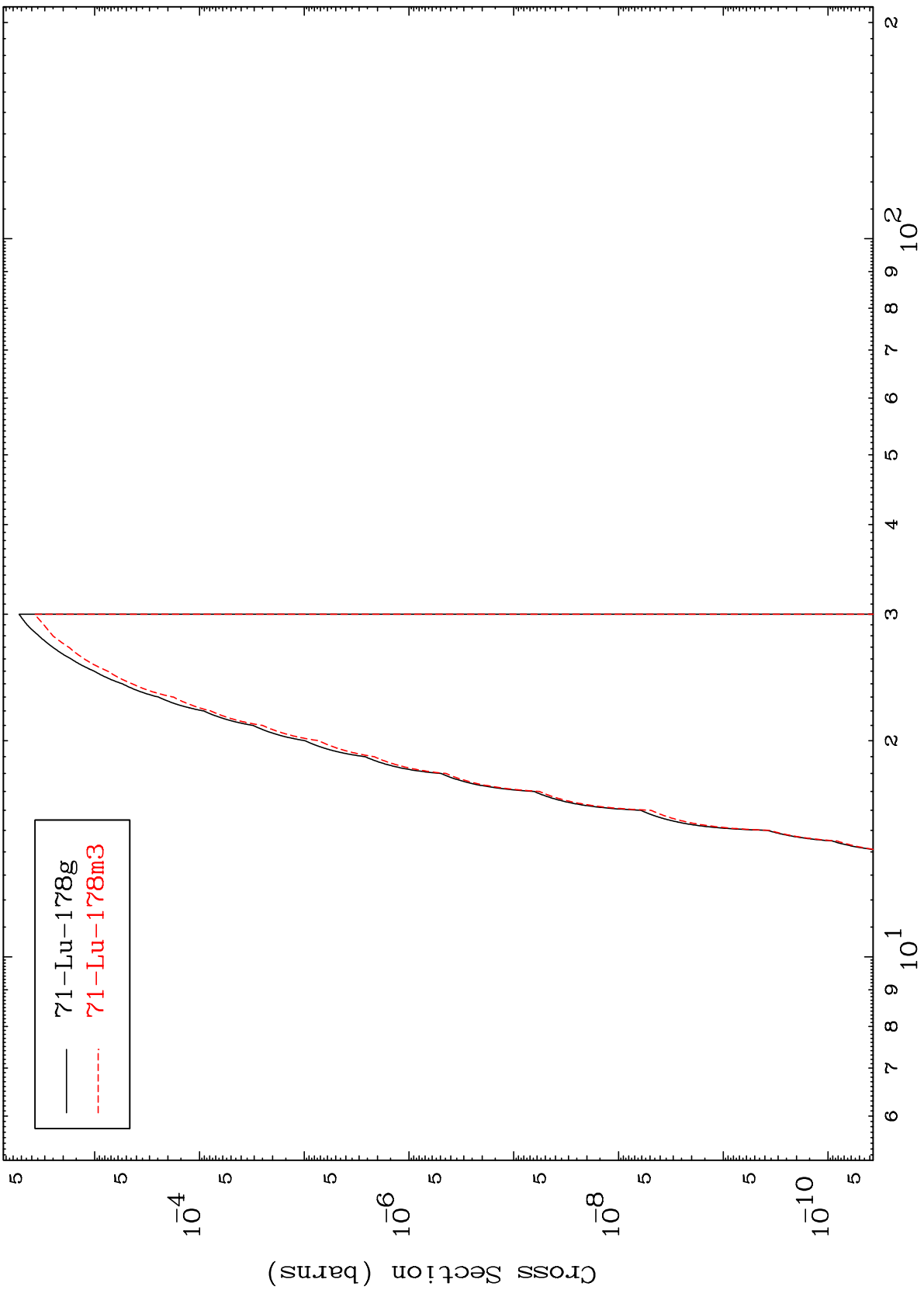
⁷³Ta-183

MAT 7334

(n,2n) α

73-Ta-183

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

98

Incident Energy (MeV)

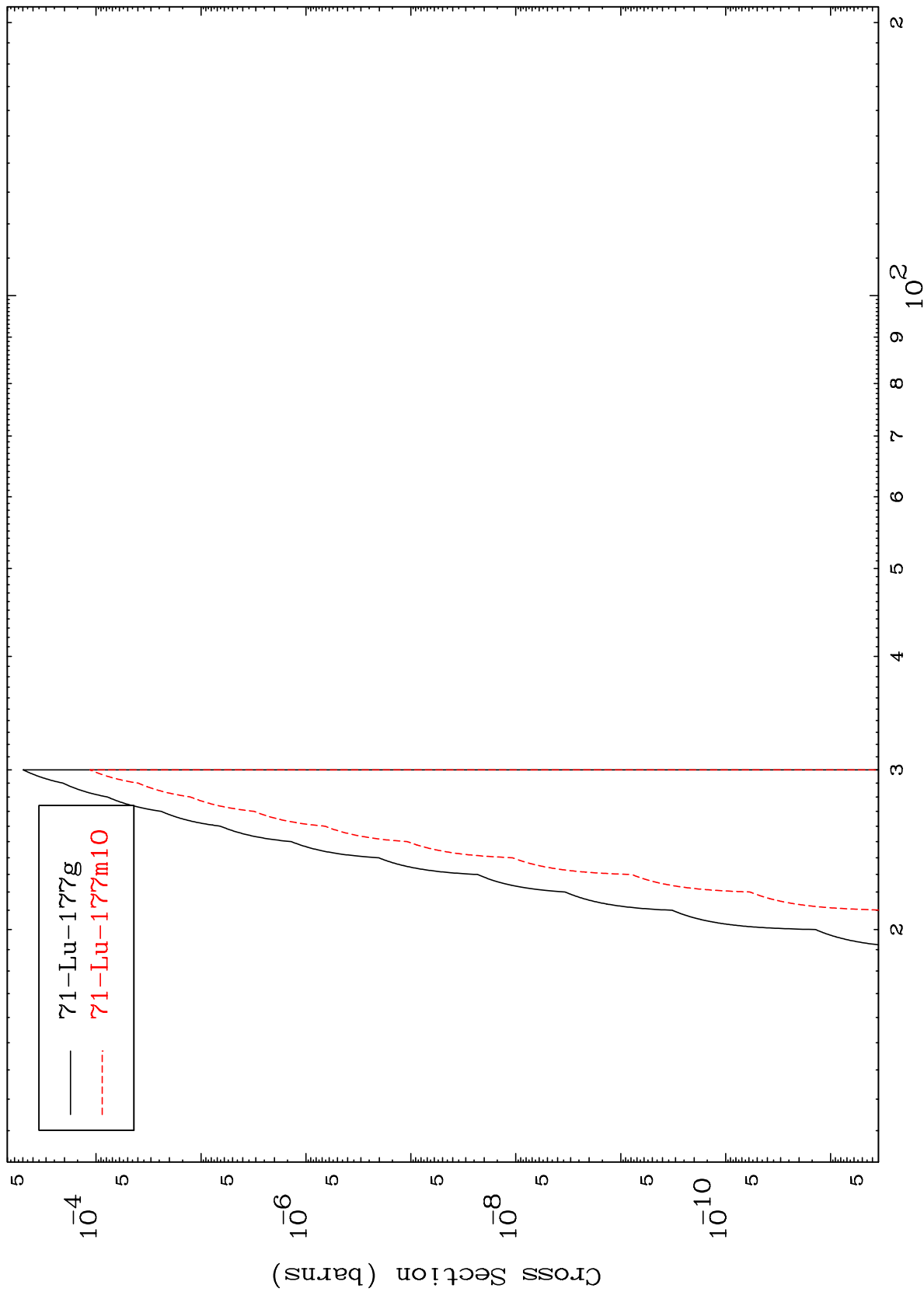
73-Ta-183

MAT 7334

(n,3n) α

73-Ta-183

Radionuclide Production Cross Section



99

Incident Energy (MeV)

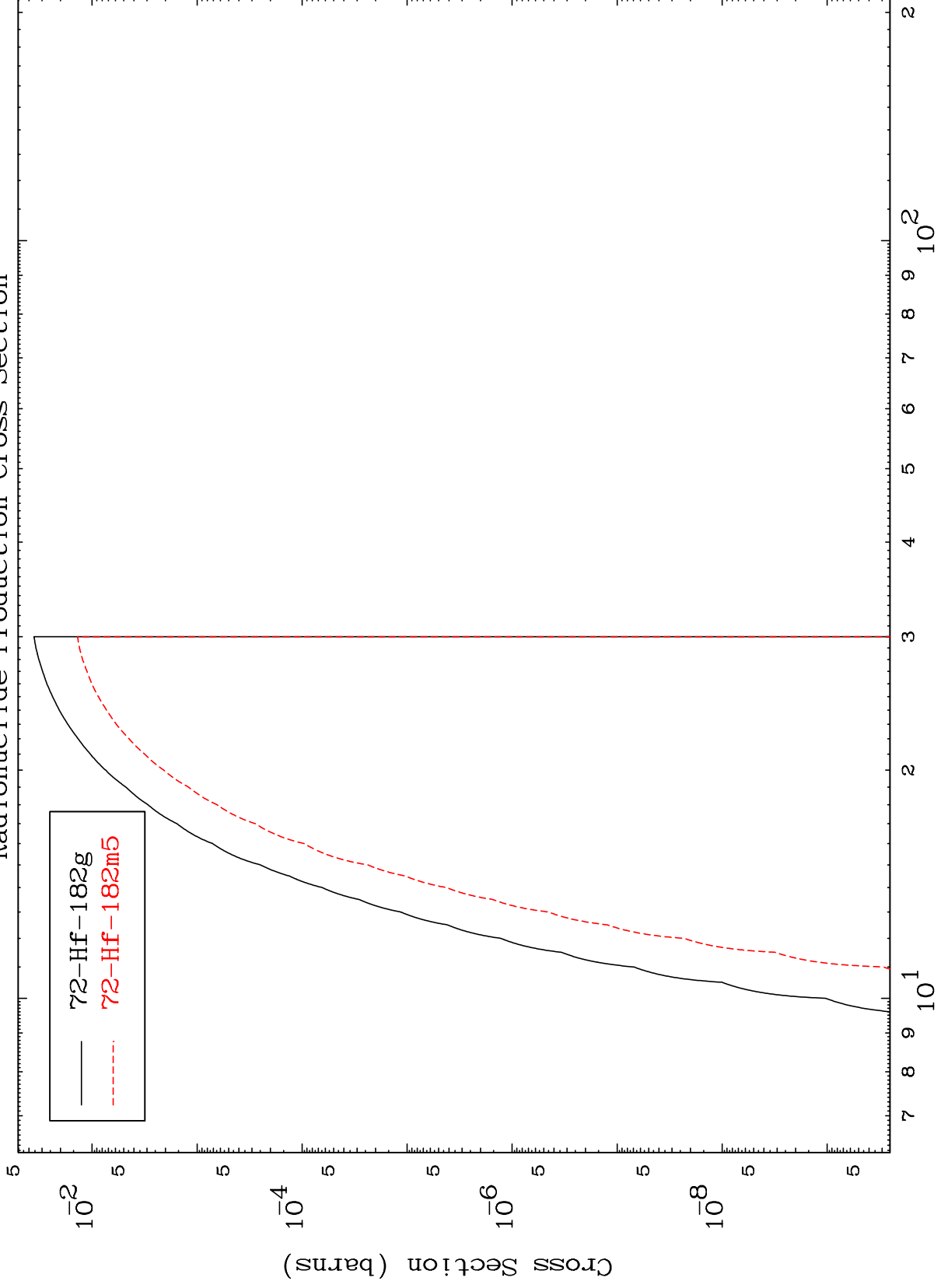
73-Ta-183

MAT 7334

(n,n') p

73-Ta-183

Radionuclide Production Cross Section



100

Incident Energy (MeV)

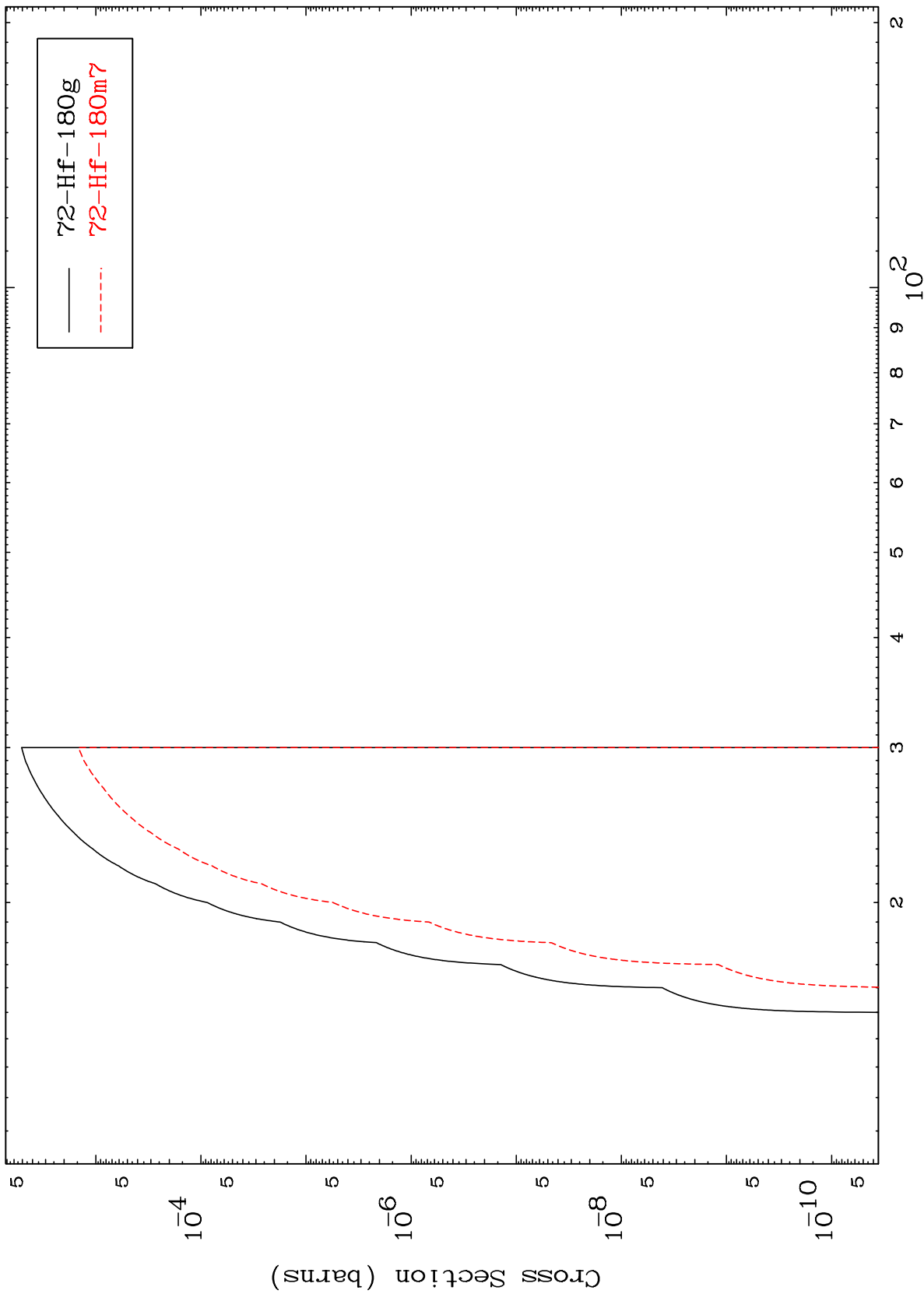
73-Ta-183

MAT 7334

(n,n') t

73-Ta-183

Radionuclide Production Cross Section



101

Incident Energy (MeV)

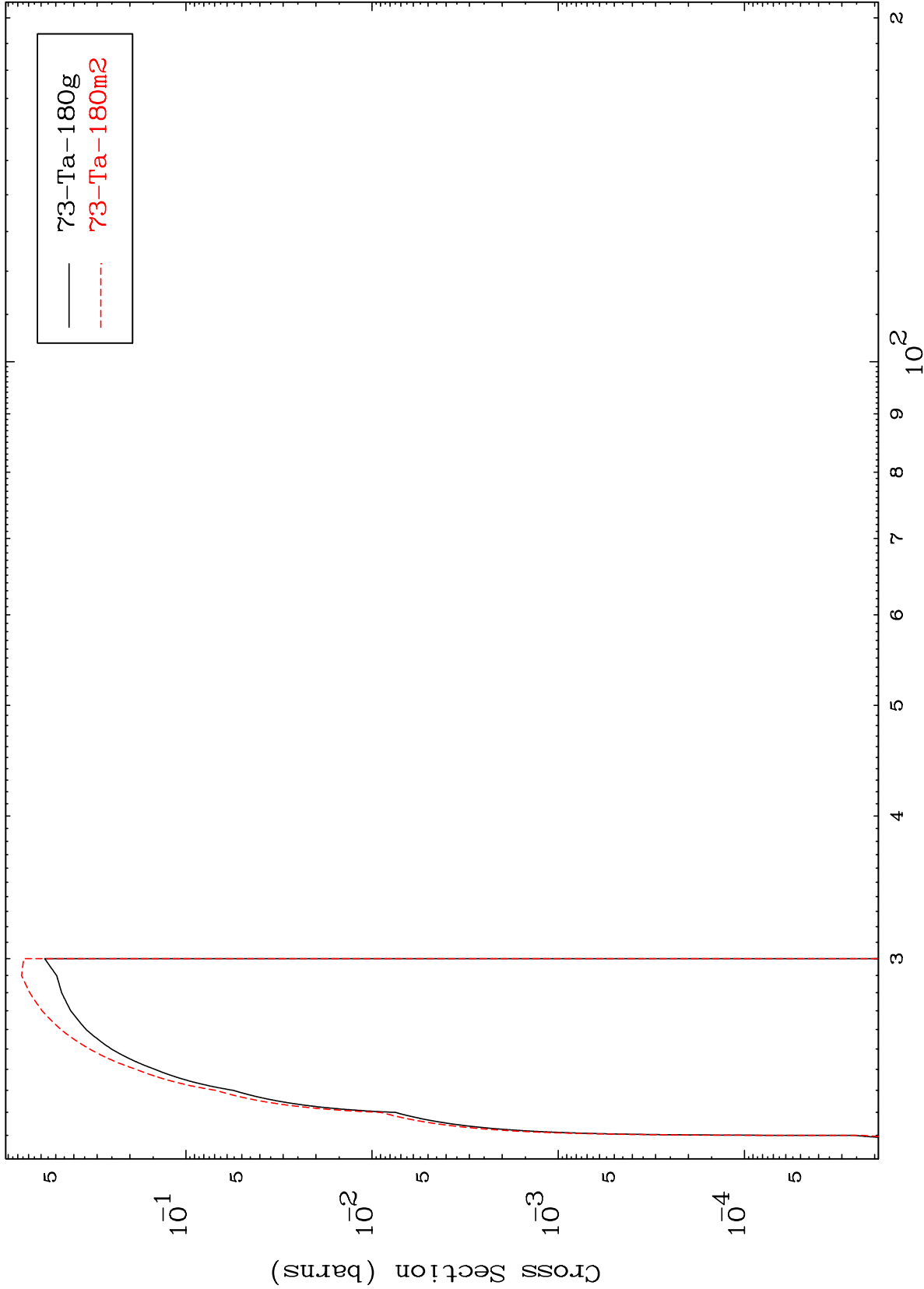
73-Ta-183

MAT 7334

(n,4n)

⁷³Ta-183

Radionuclide Production Cross Section



102

Incident Energy (MeV)

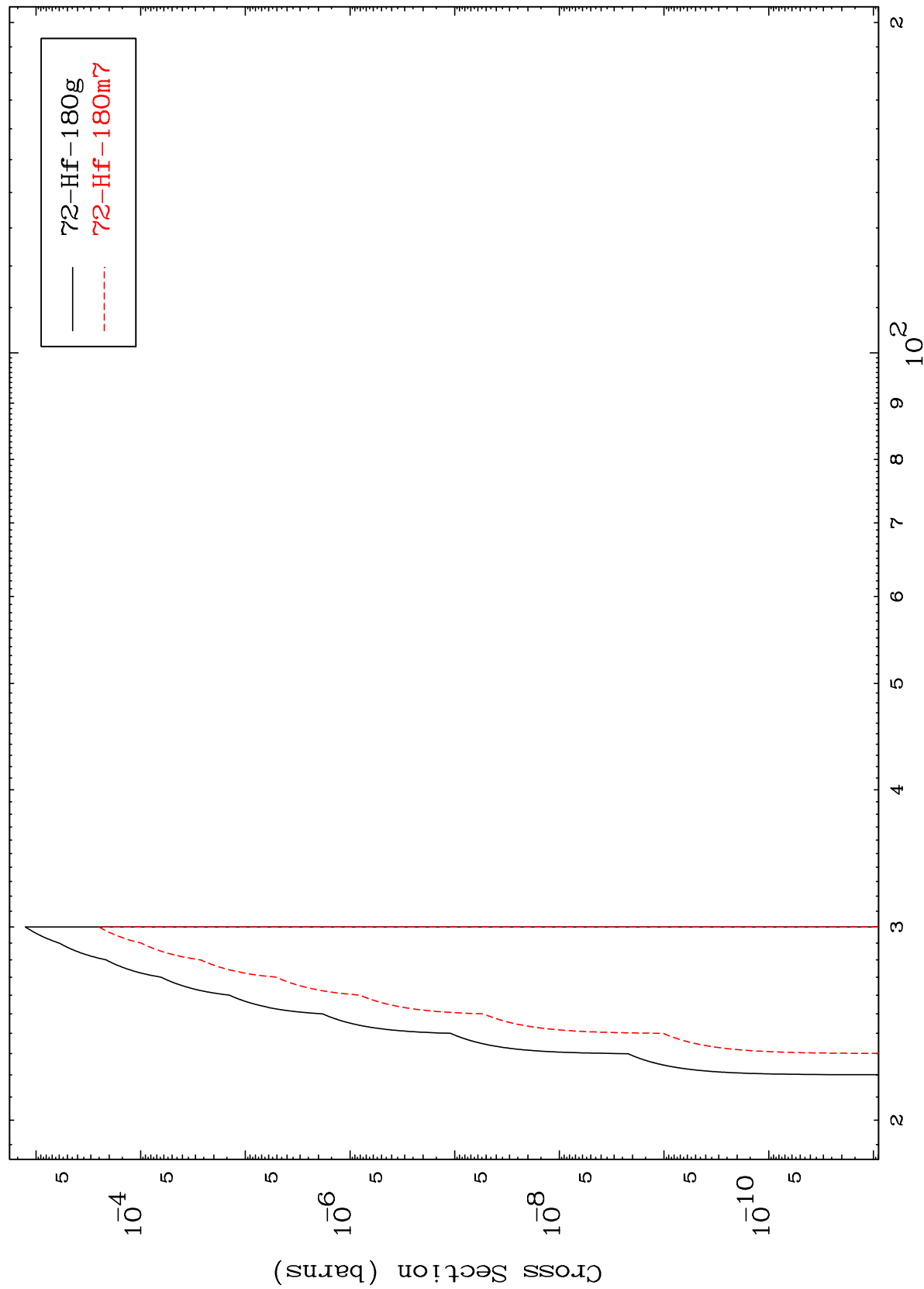
⁷³Ta-183

MAT 7334

(n,3n) p

⁷³Ta-183

Radionuclide Production Cross Section



103

Incident Energy (MeV)

⁷³Ta-183

