

Program EVALPLOT
(Version 2015-2)

by

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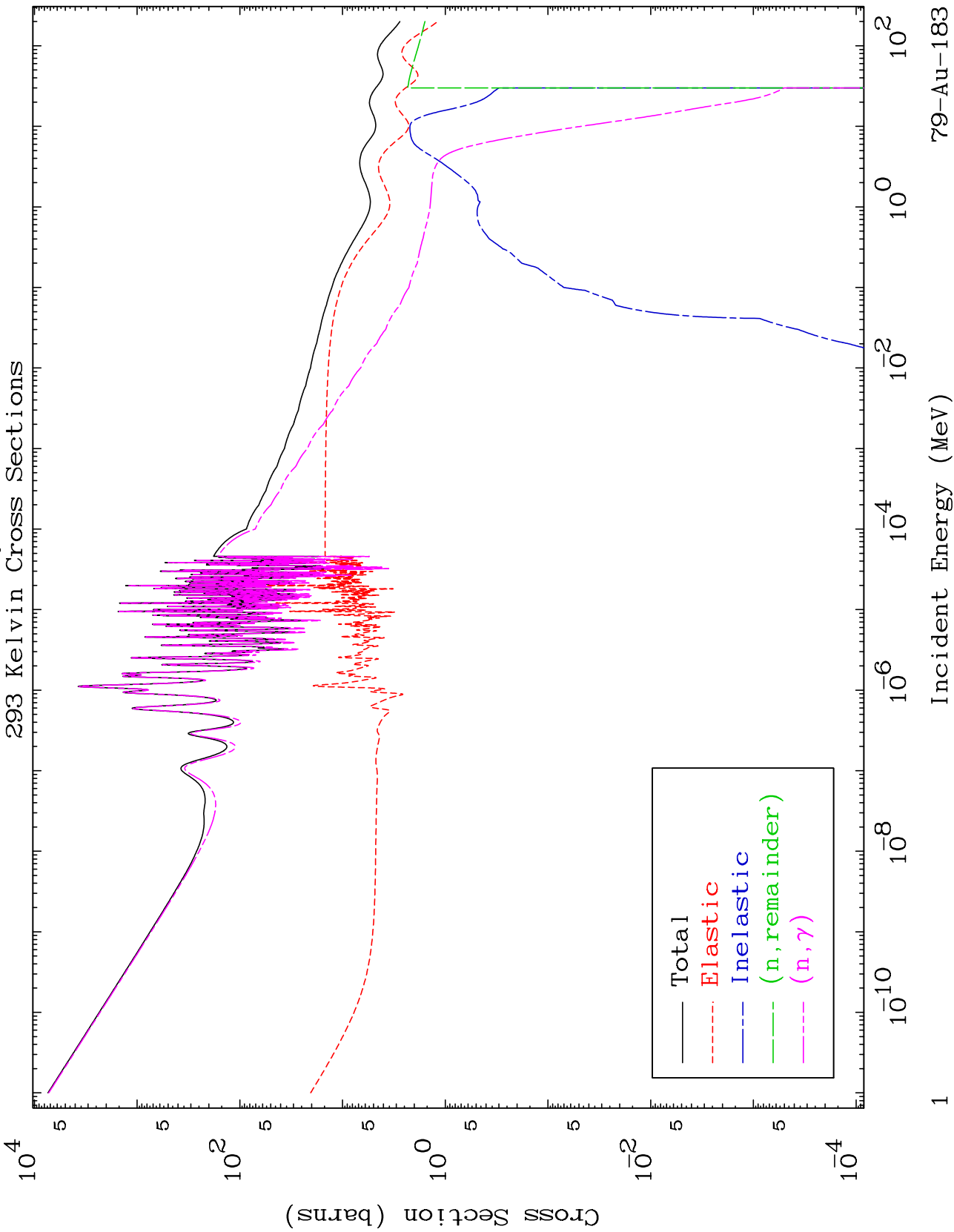
Press Mouse Button to Start

MAT 7883

Major

293 Kelvin Cross Sections

79-Au-183



1

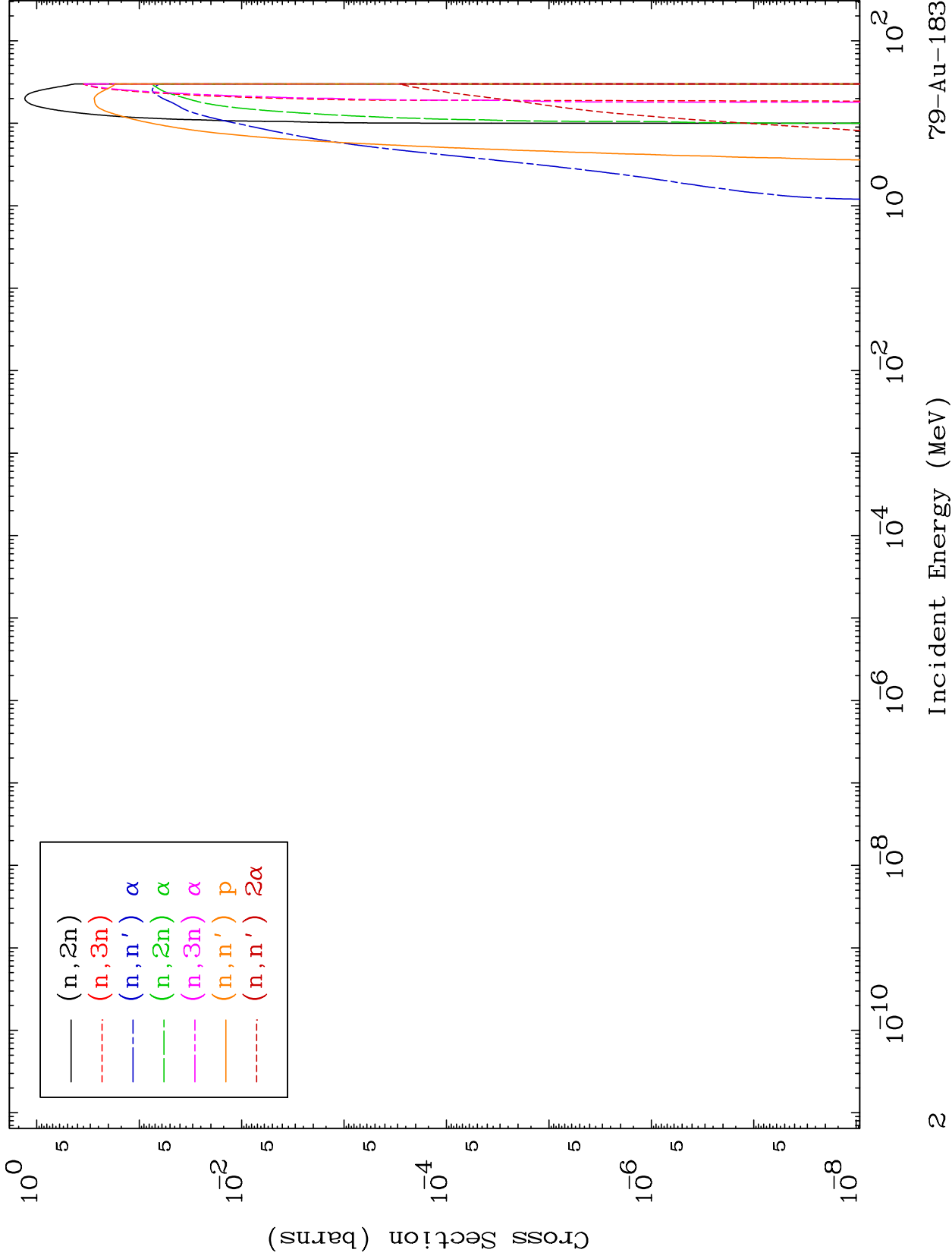
Incident Energy (MeV)

79-Au-183

MAT 7883

Neutron Production
293 Kelvin Cross Sections

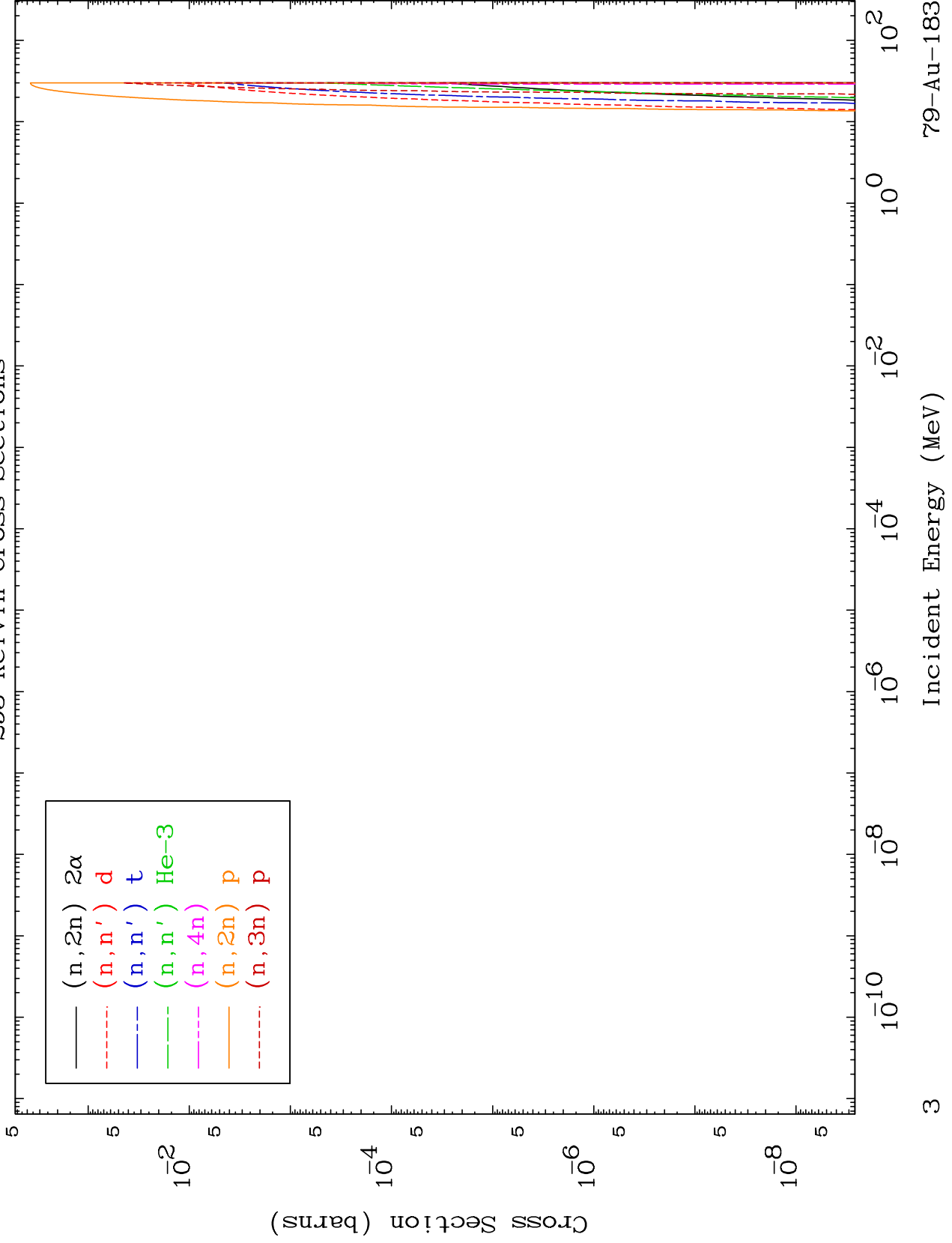
79-Au-183



MAT 7883

Neutron Production
293 Kelvin Cross Sections

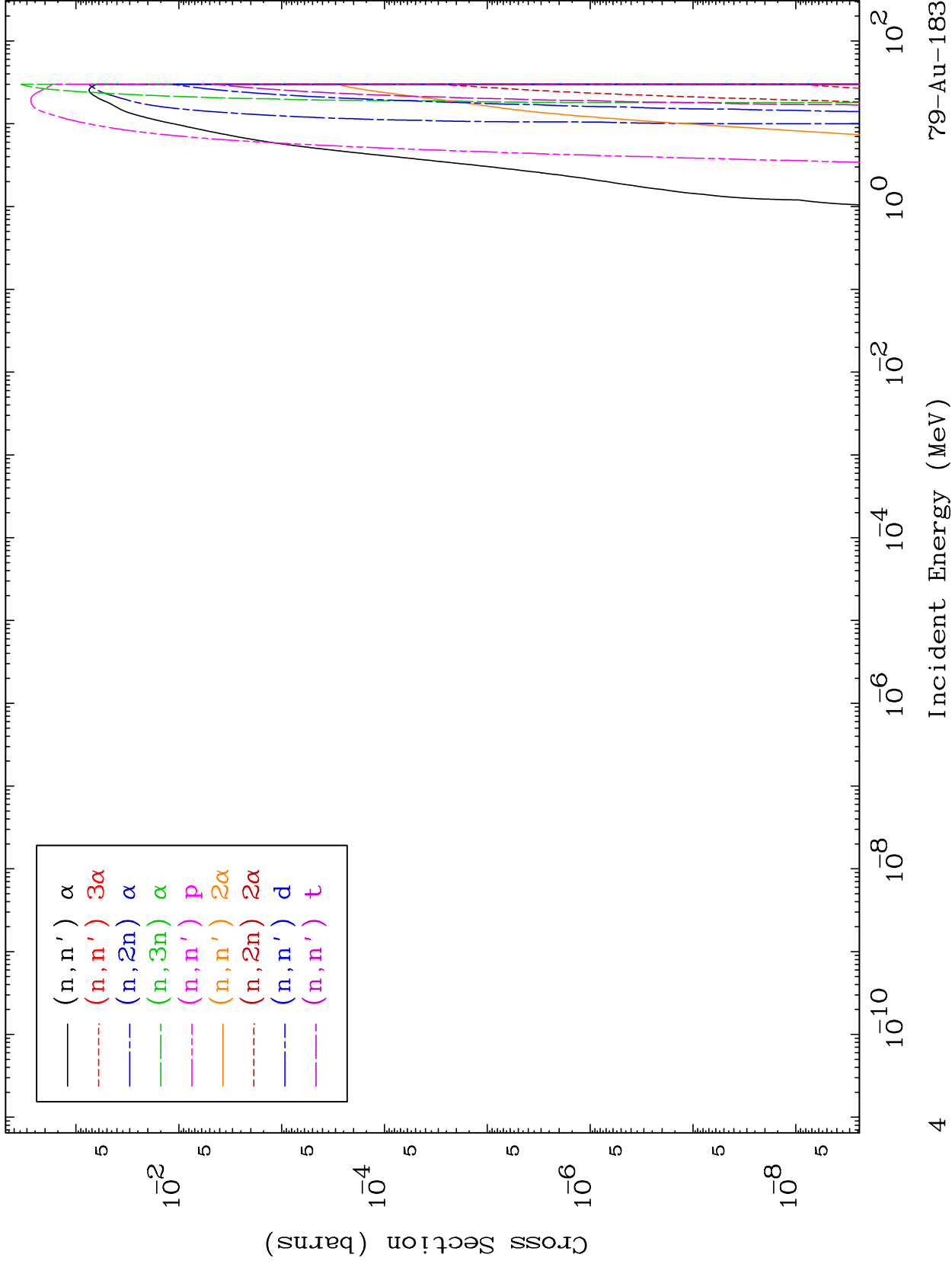
79-Au-183



MAT 7883

Charged Particle
293 Kelvin Cross Sections

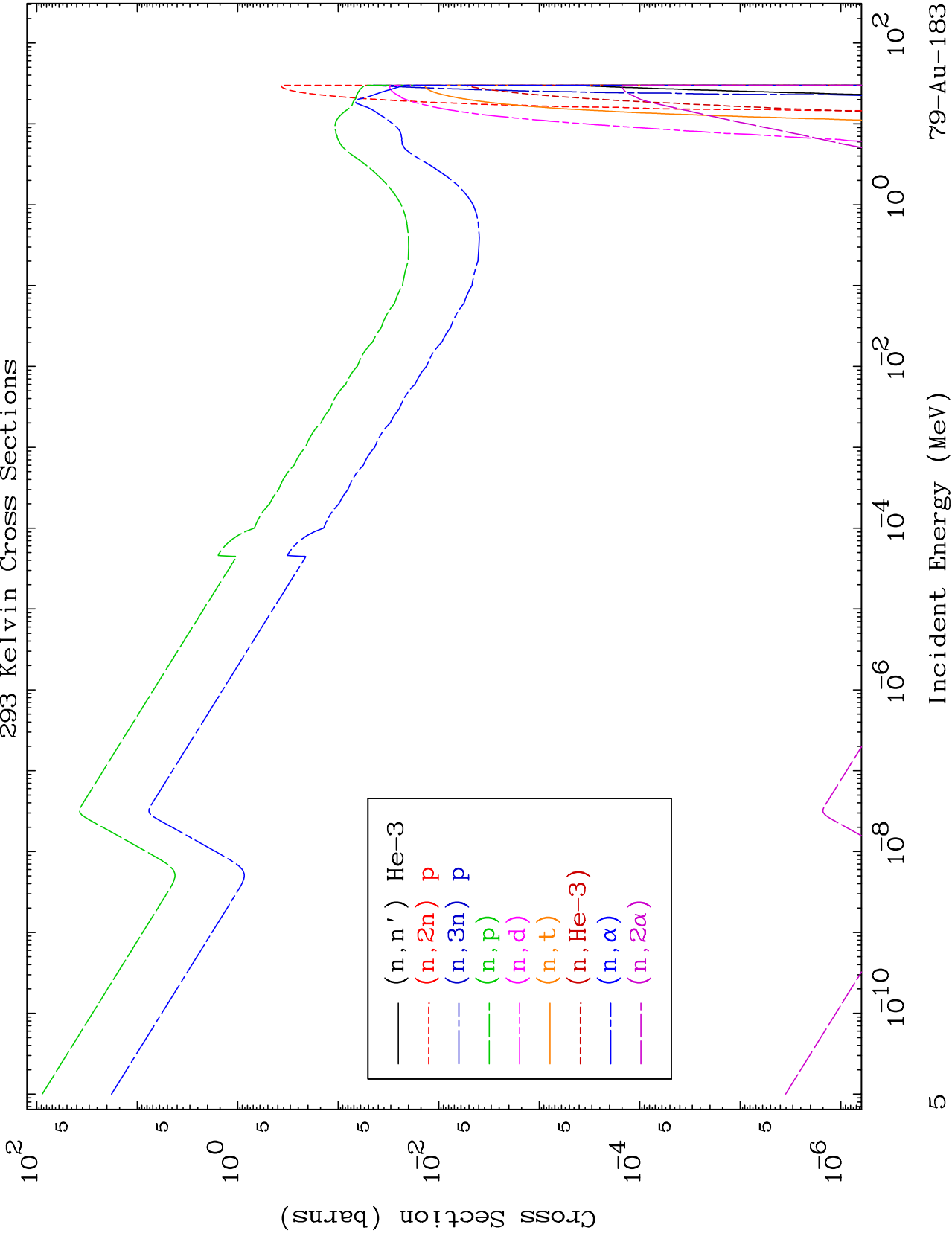
79-Au-183



MAT 7883

Charged Particle
293 Kelvin Cross Sections

79-Au-183



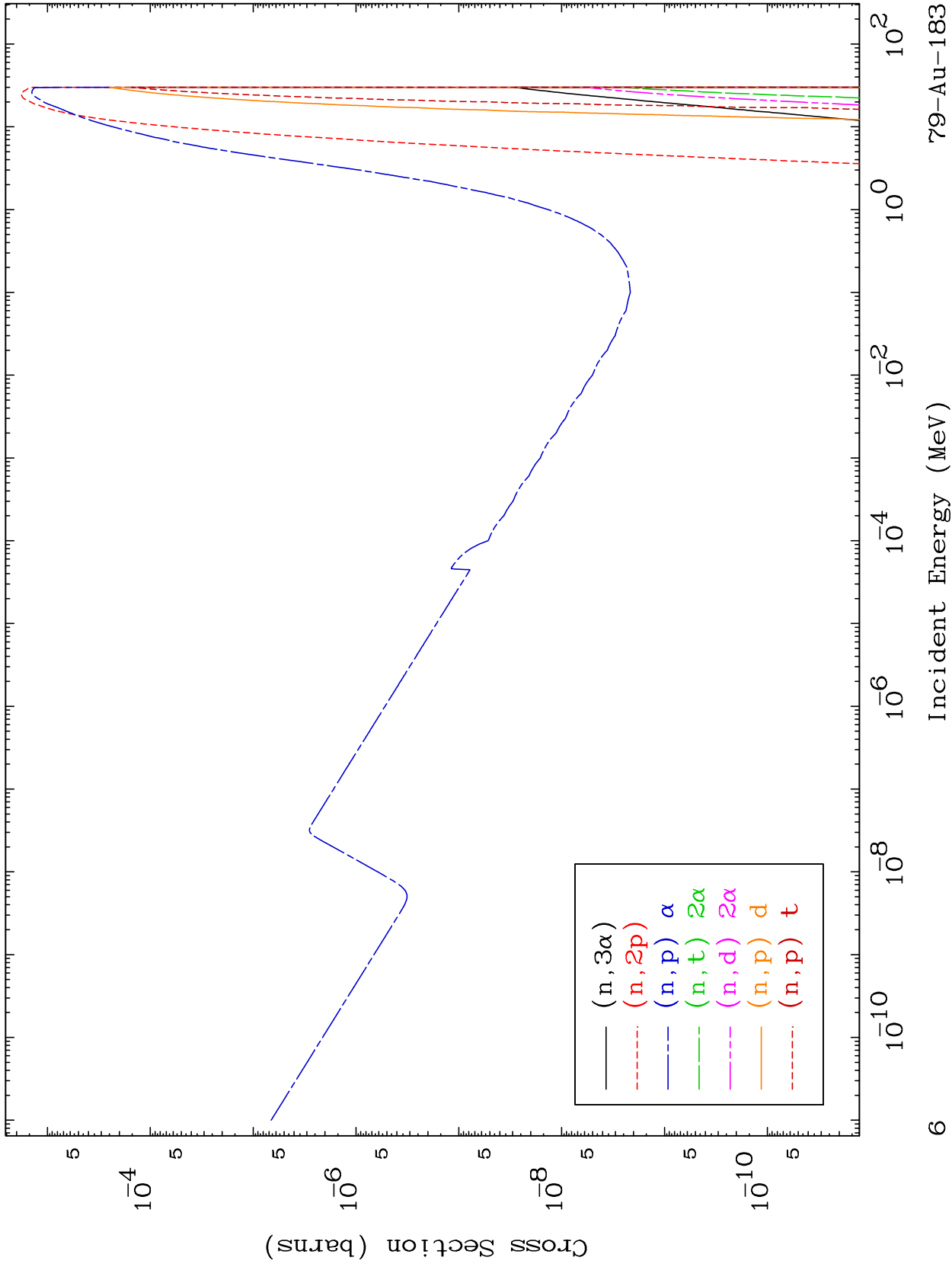
5

79-Au-183

MAT 7883

Charged Particle
293 Kelvin Cross Sections

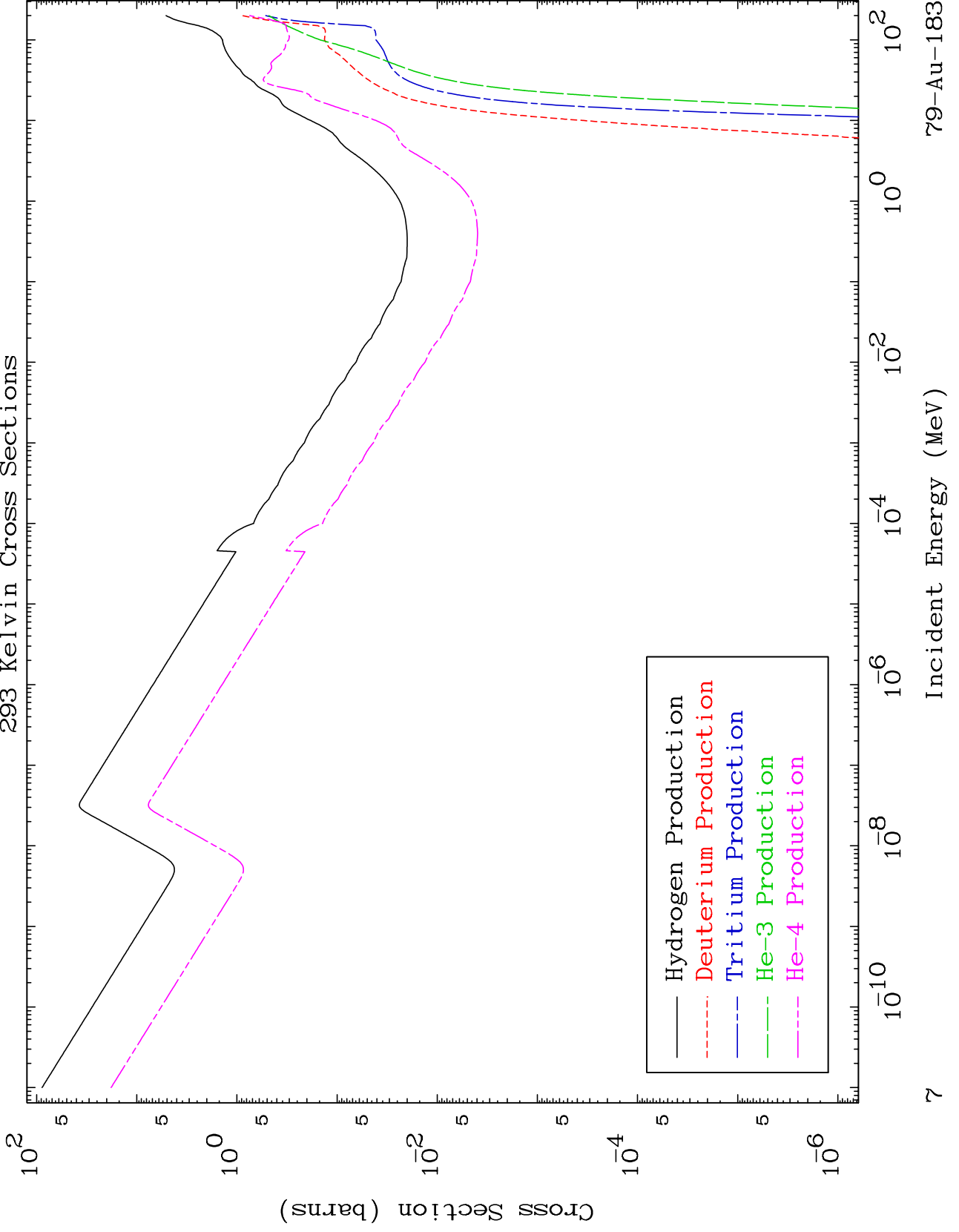
79-Au-183

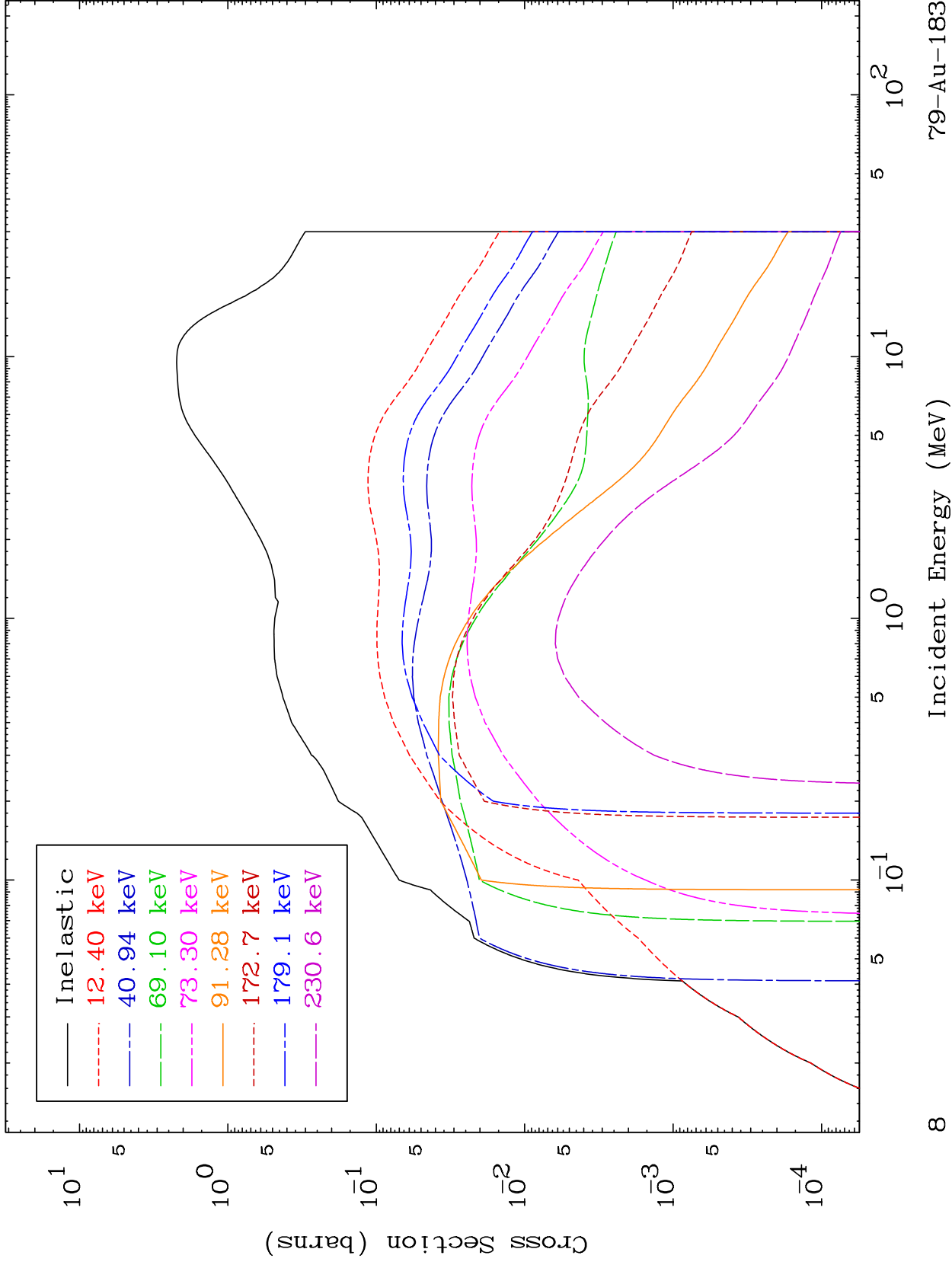


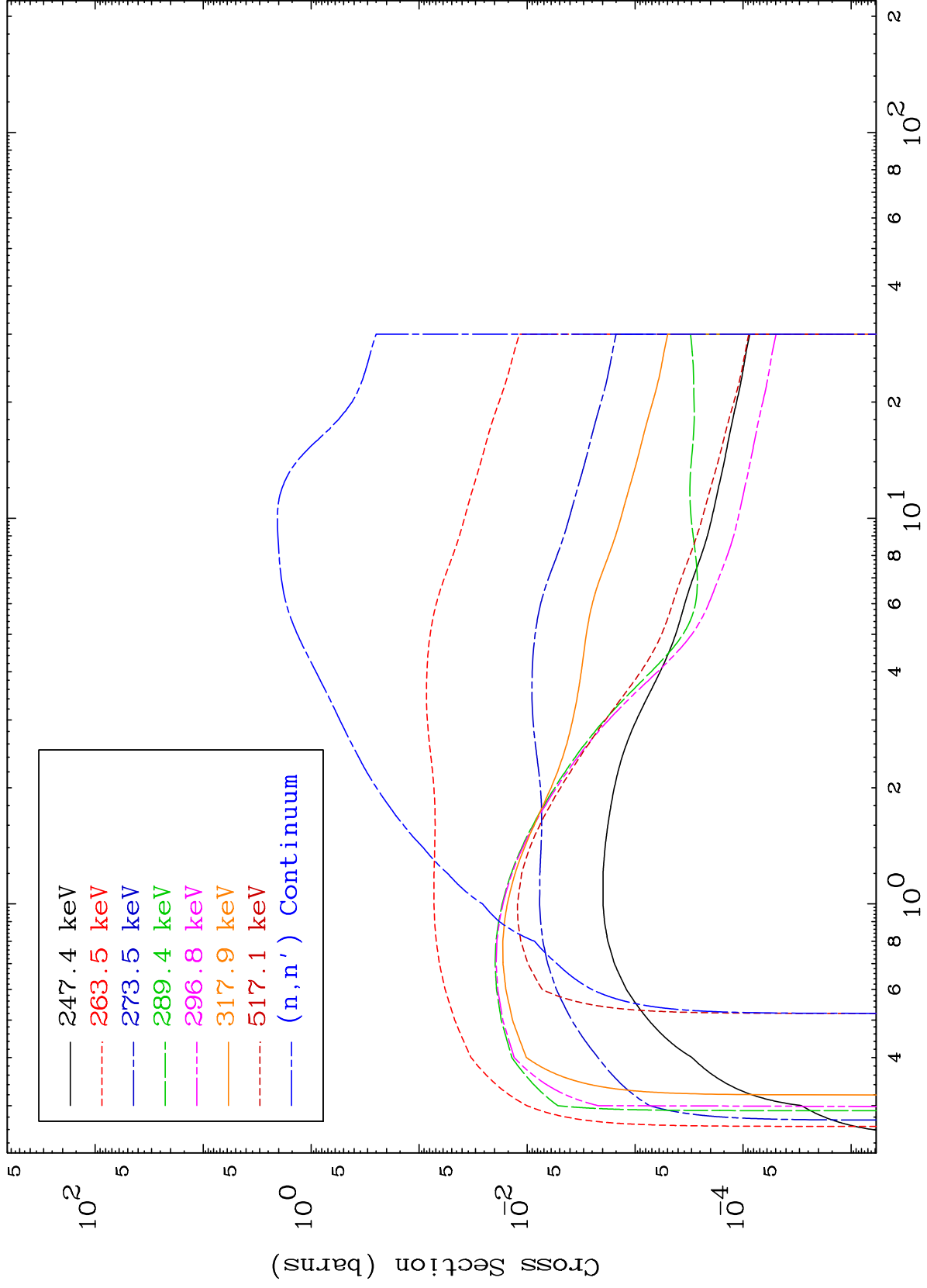
MAT 7883

Particle Production
293 Kelvin Cross Sections

79-Au-183



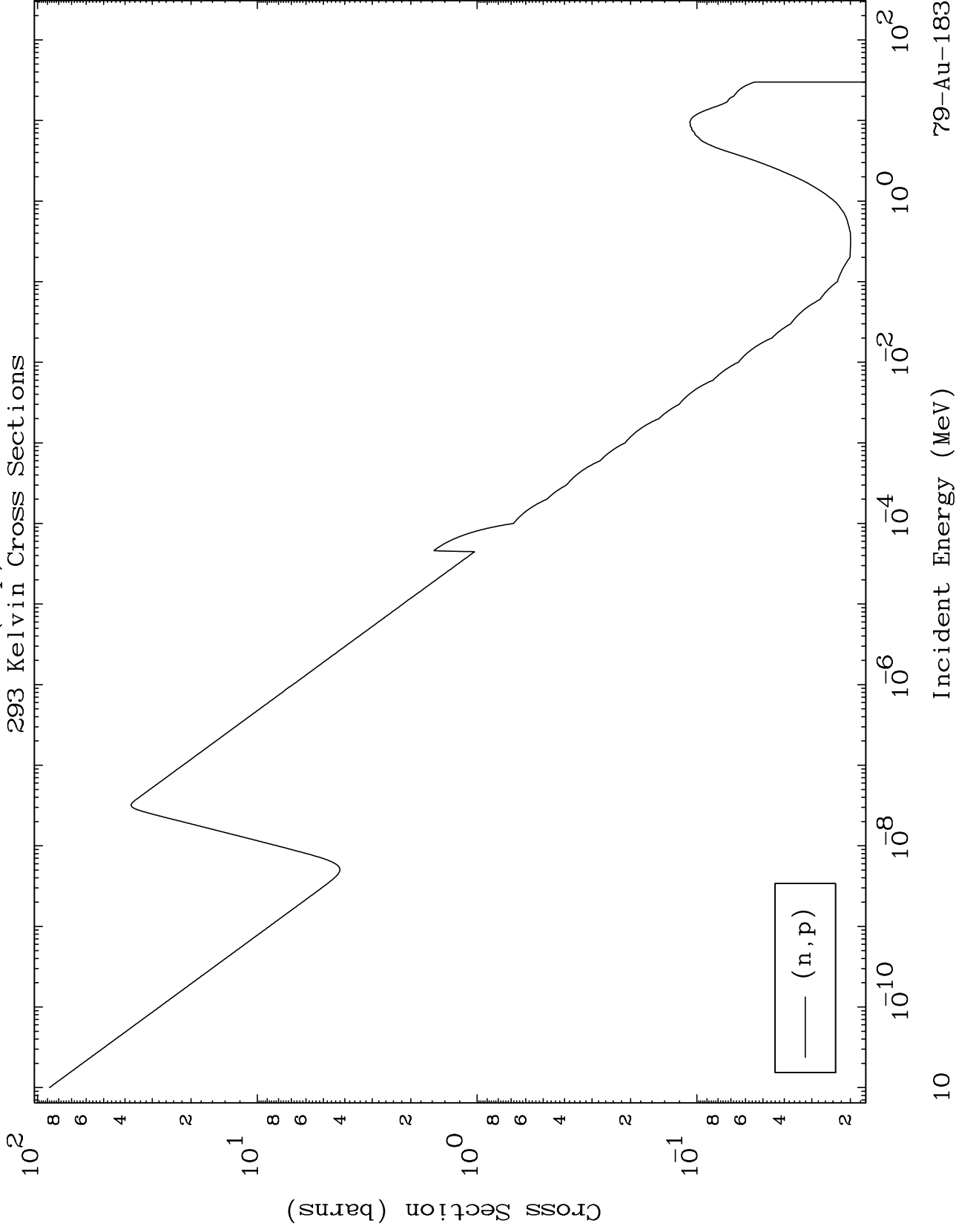




MAT 7883

(n,p) Levels
293 Kelvin Cross Sections

79-Au-183



10

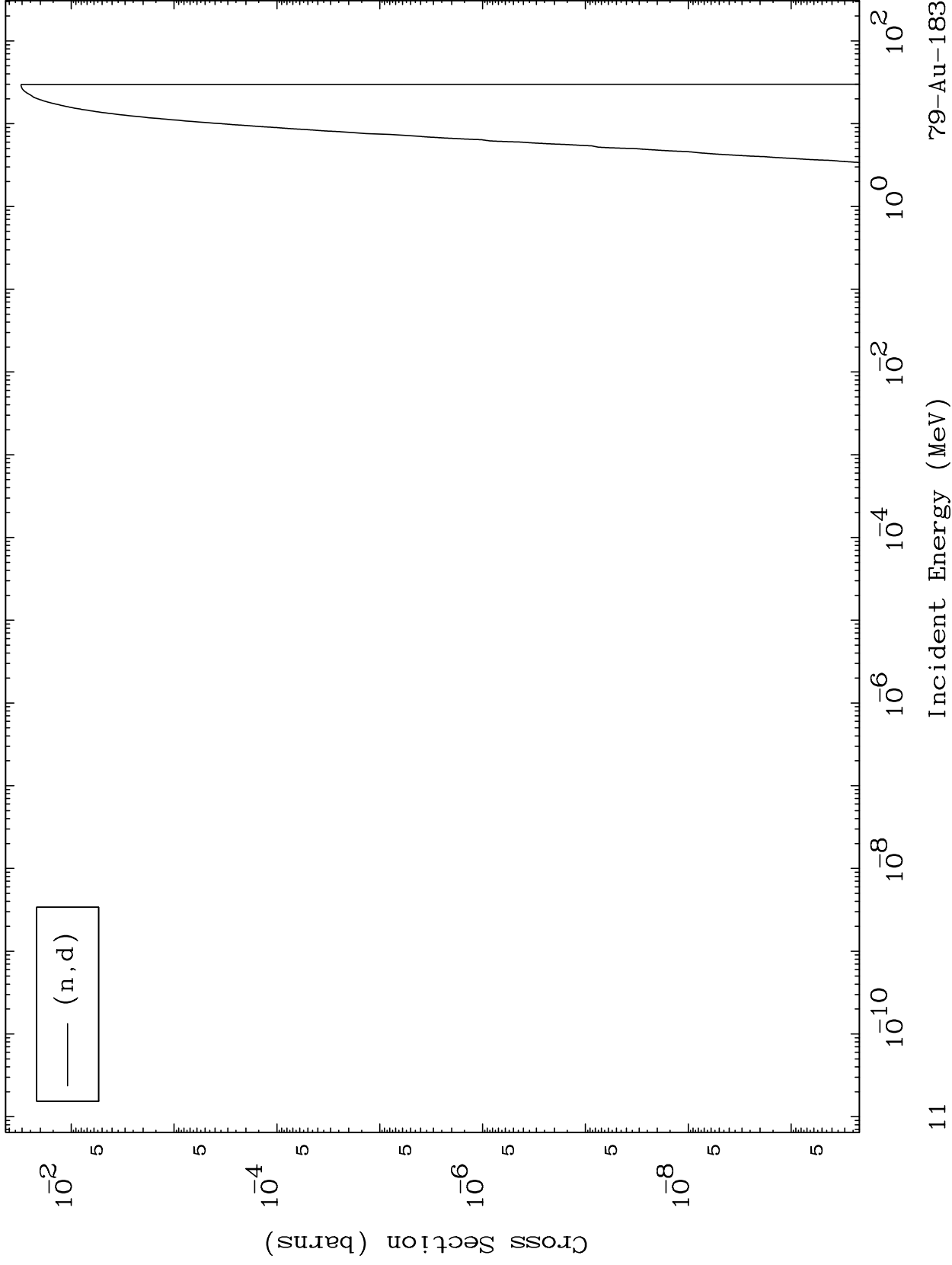
Incident Energy (MeV)

79-Au-183

MAT 7883

(n,d) Levels
293 Kelvin Cross Sections

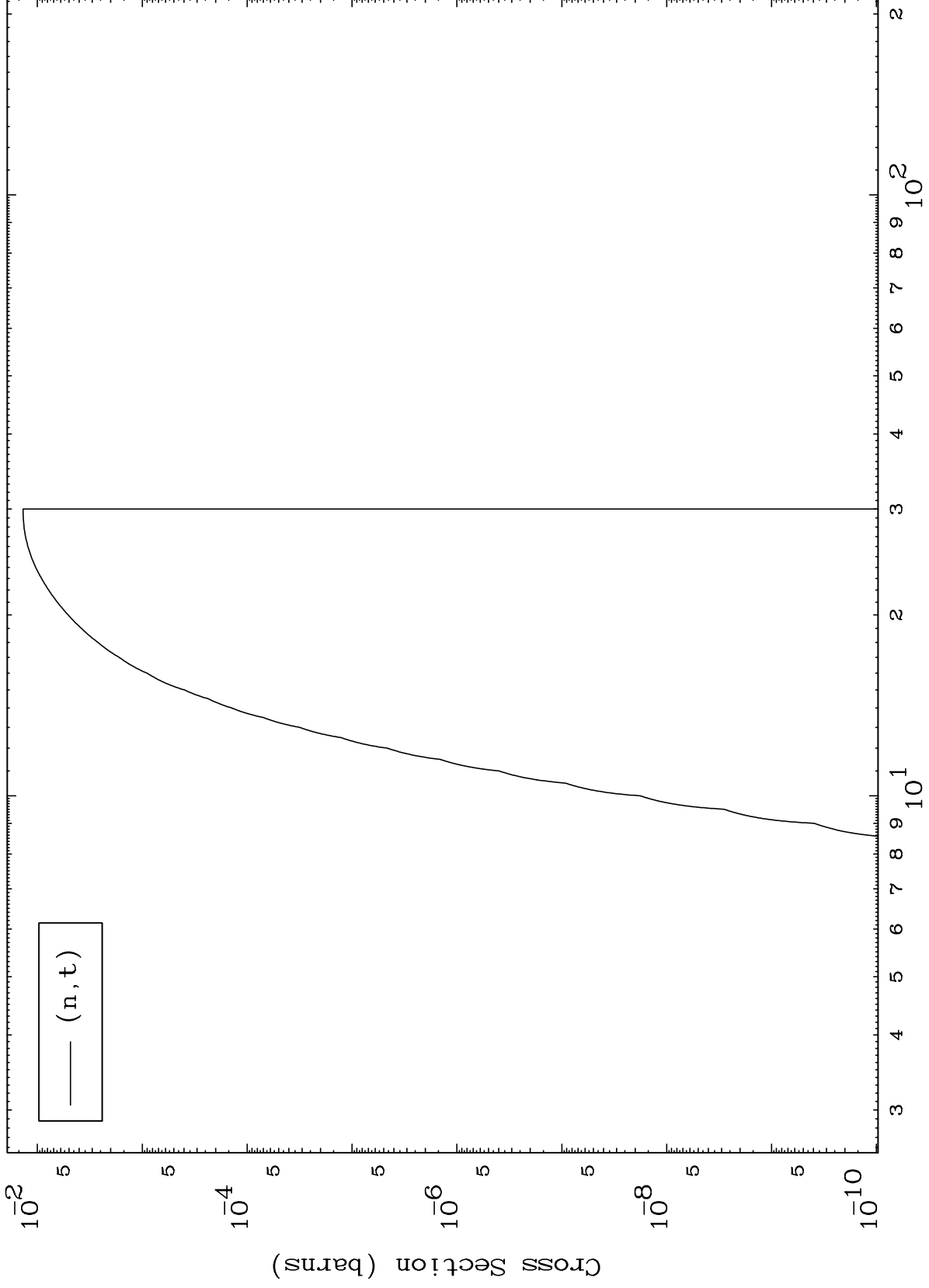
79-Au-183



MAT 7883

(n,t) Levels
293 Kelvin Cross Sections

79-Au-183



12

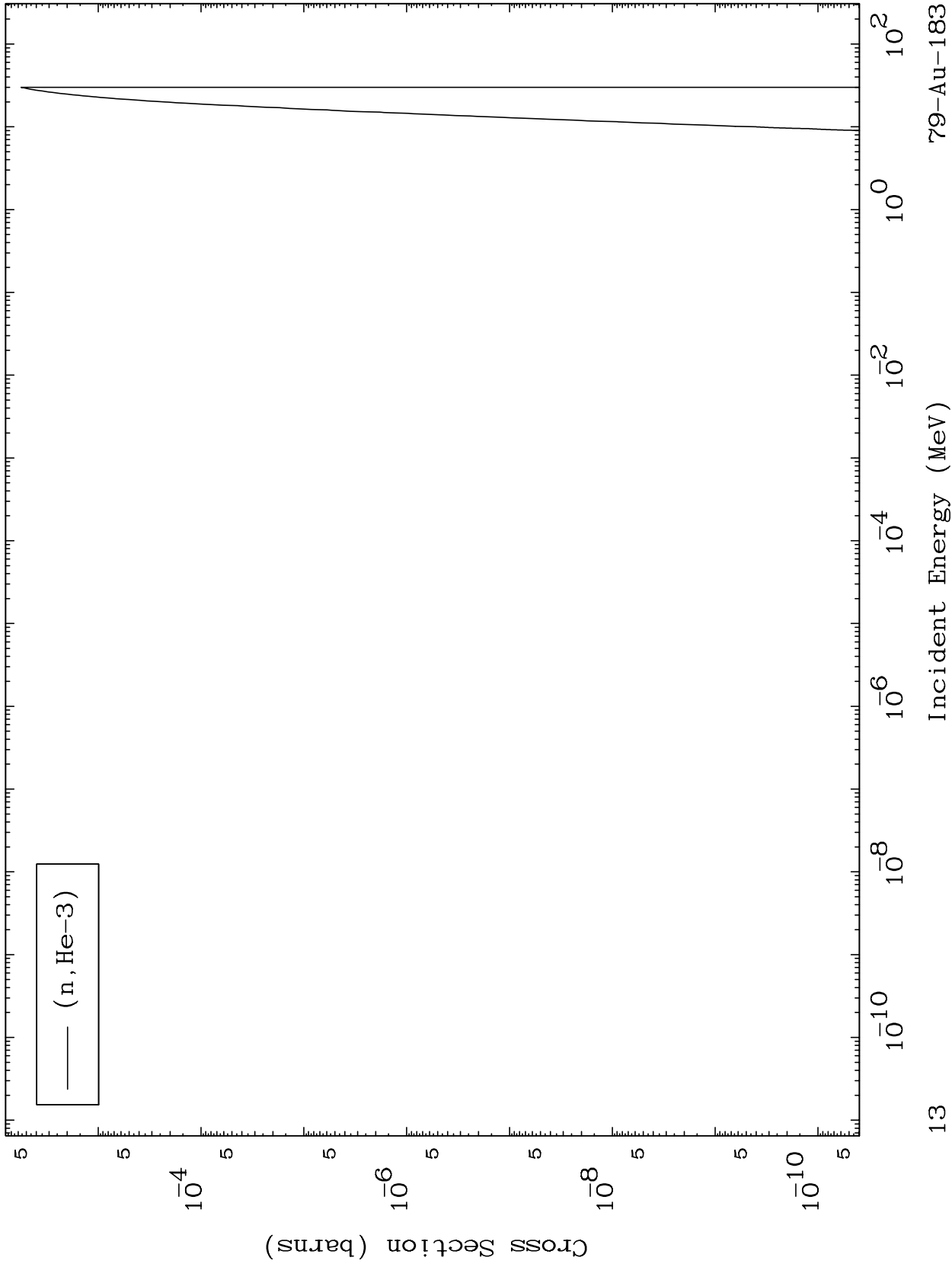
Incident Energy (MeV)

79-Au-183

MAT 7883

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-183



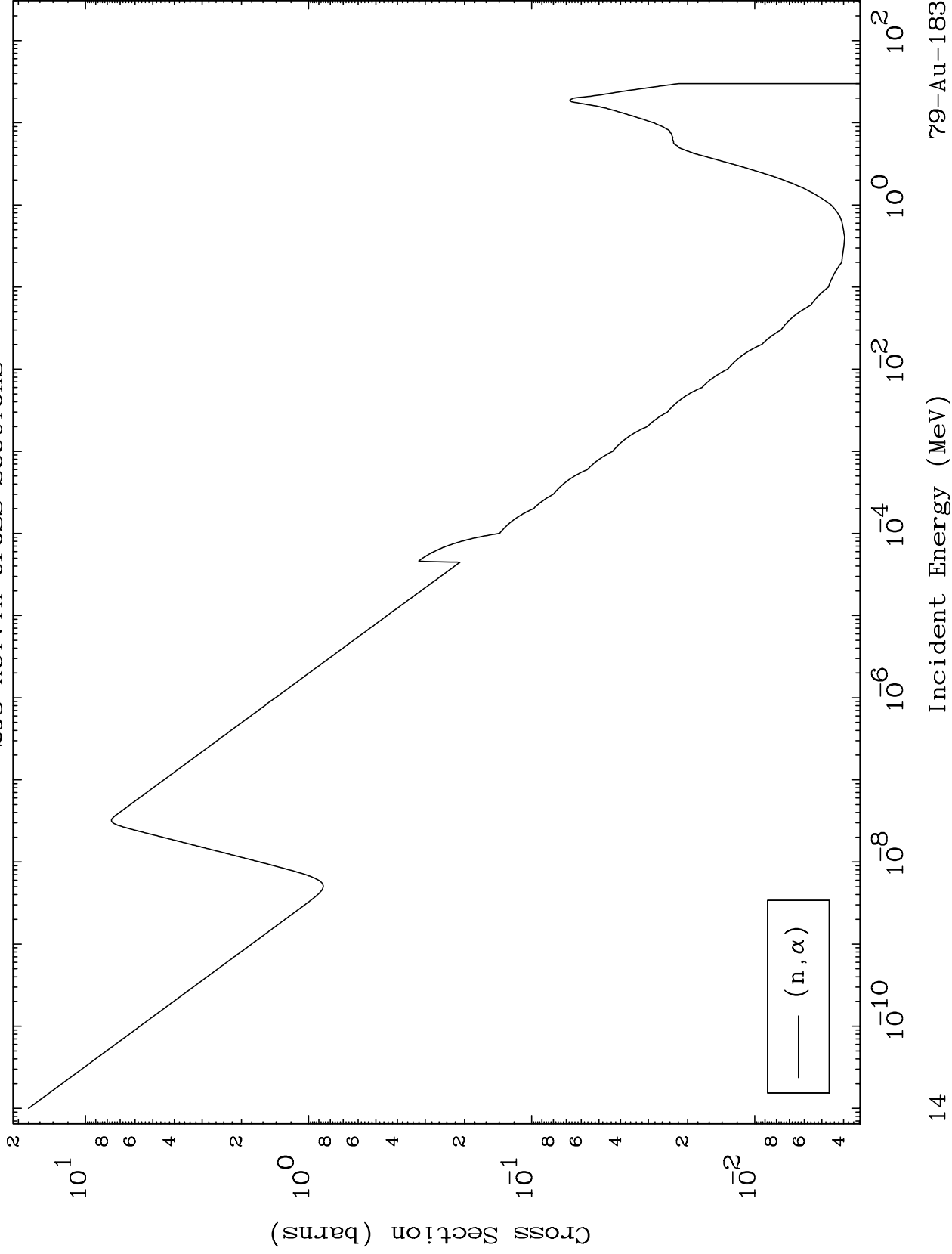
13

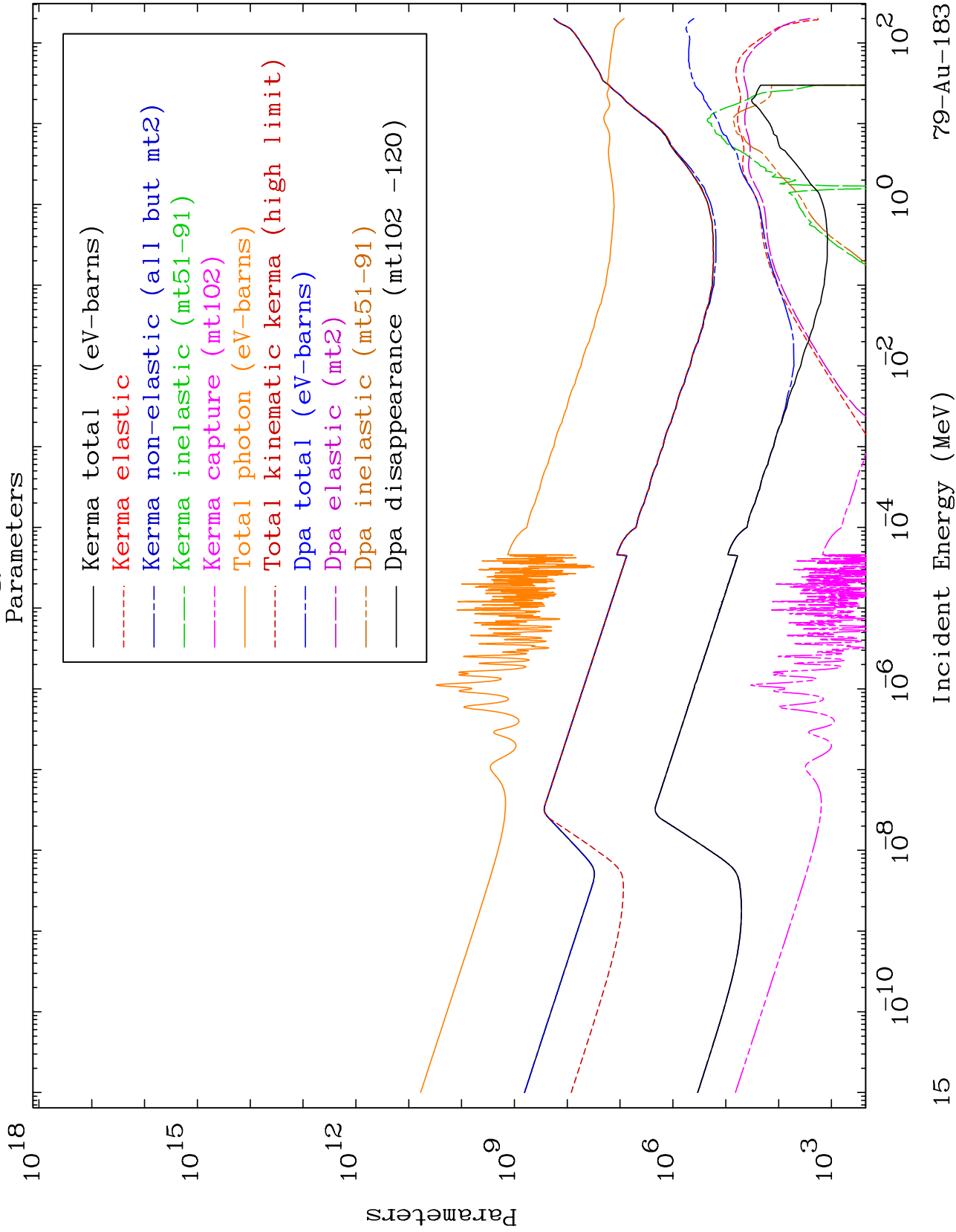
79-Au-183

MAT 7883

(n,α) Levels
293 Kelvin Cross Sections

79-Au-183

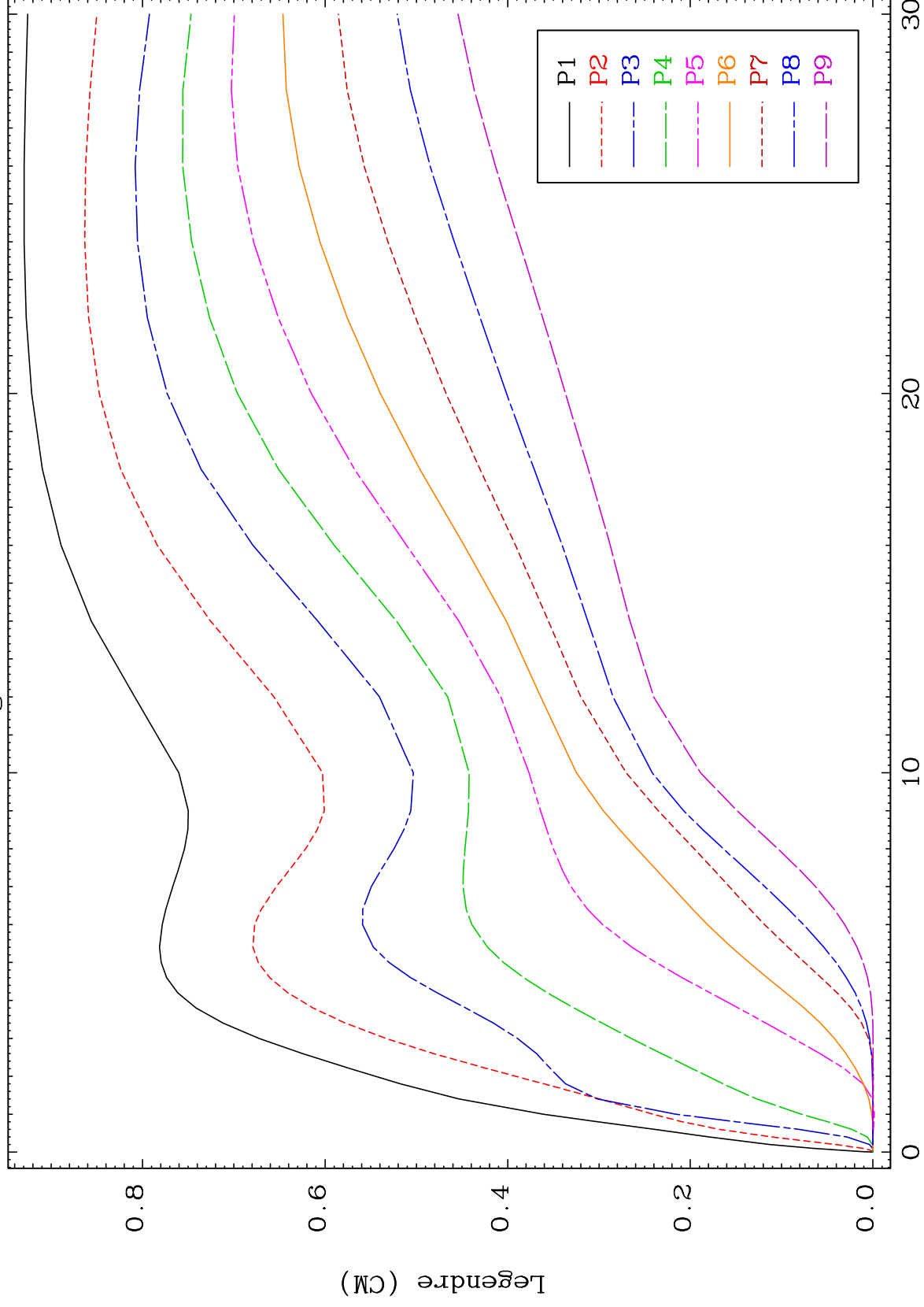




MAT 7883

Elastic Legendre Coefficients

79-Au-183



16

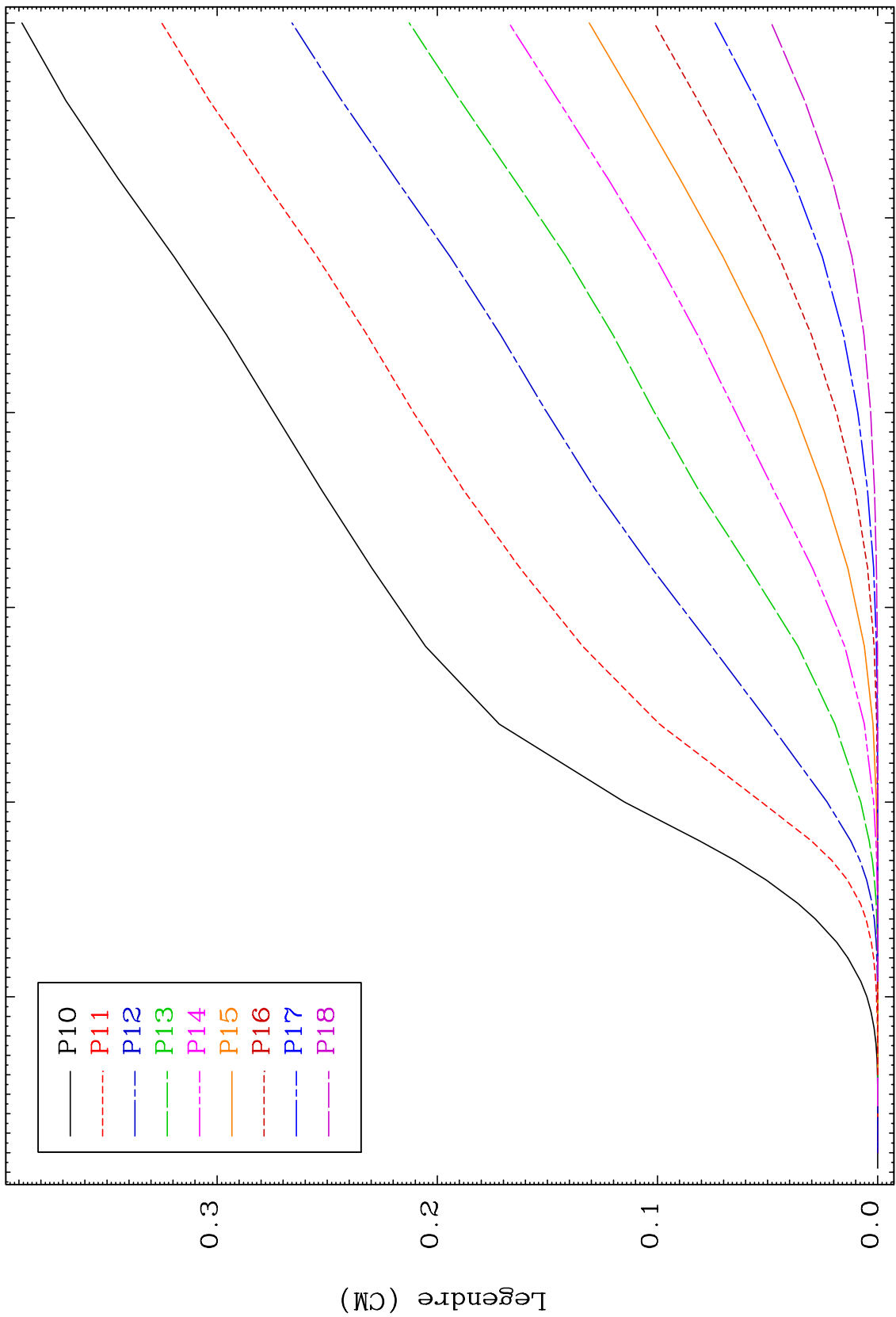
Incident Energy (MeV)

79-Au-183

MAT 7883

Elastic Legendre Coefficients

⁷⁹Au-183



17

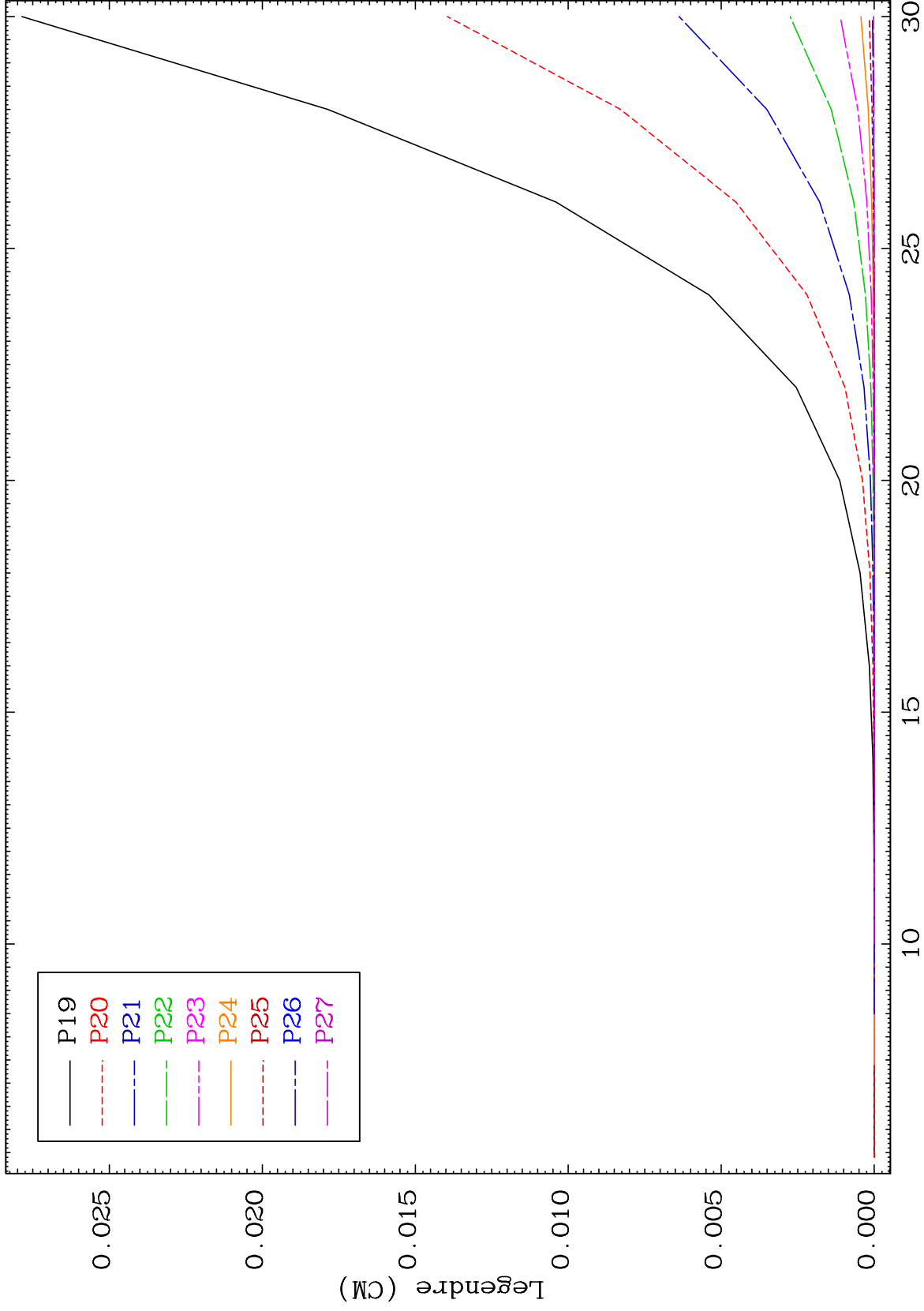
Incident Energy (MeV)

⁷⁹Au-183

MAT 7883

Elastic Legendre Coefficients

79-Au-183



18

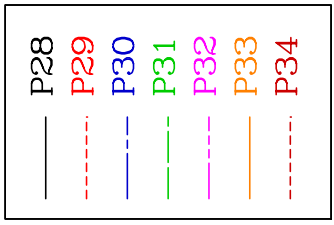
Incident Energy (MeV)

79-Au-183

MAT 7883

Elastic
Legendre Coefficients

79-Au-183



$\times 10^{-6}$

6

4

2

0

15

20

25

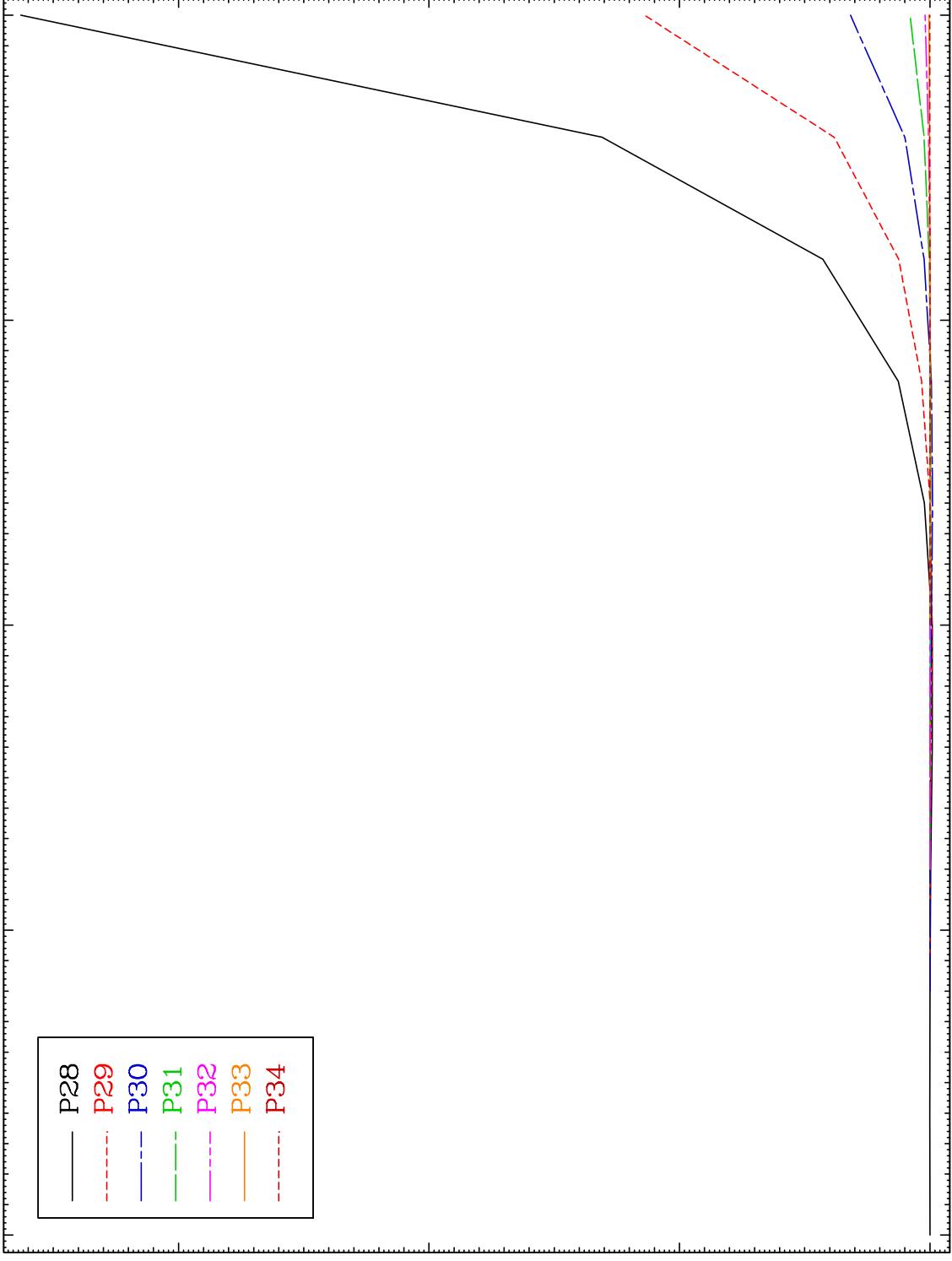
30

Legendre (CM)

19

Incident Energy (MeV)

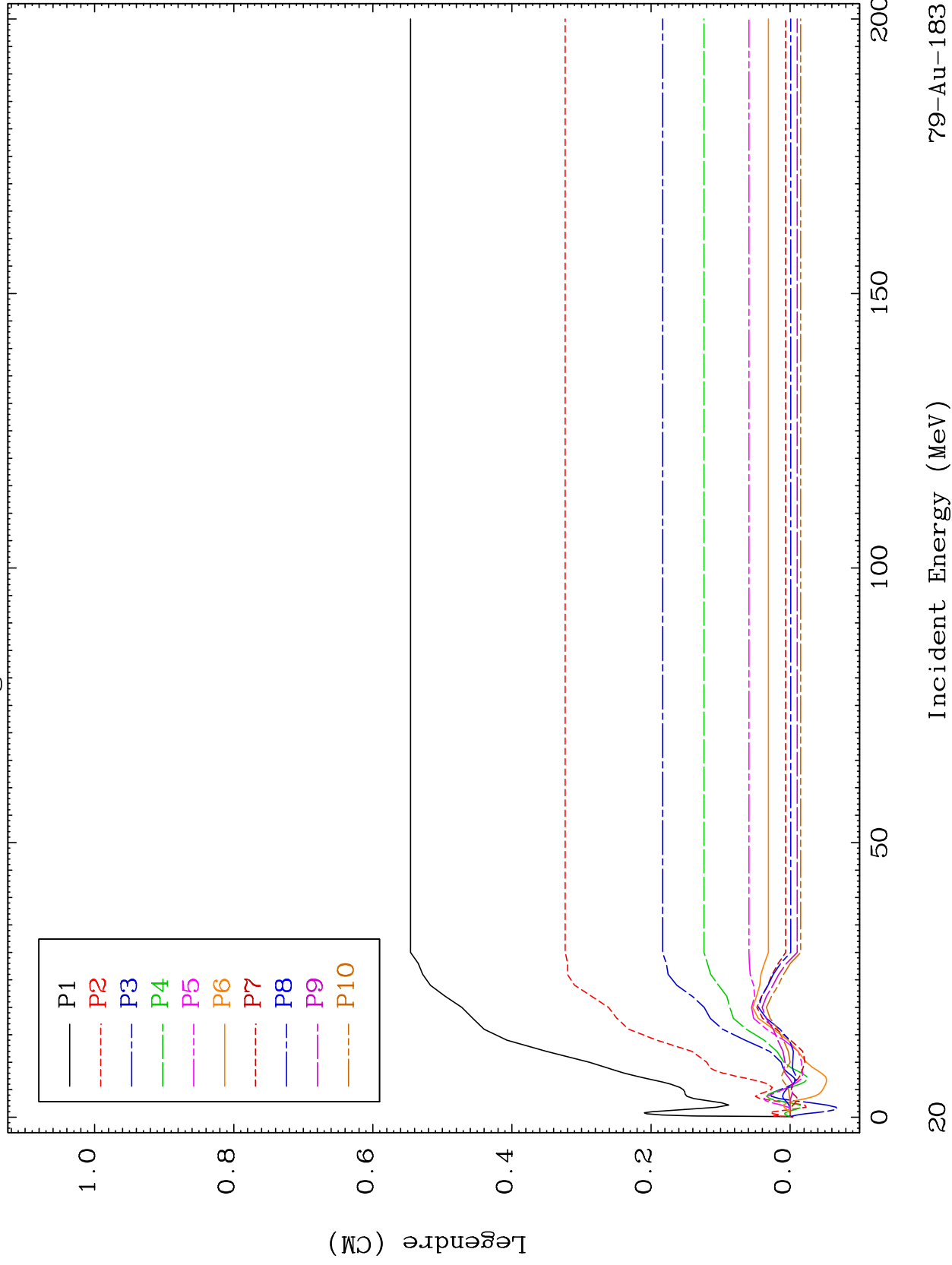
79-Au-183

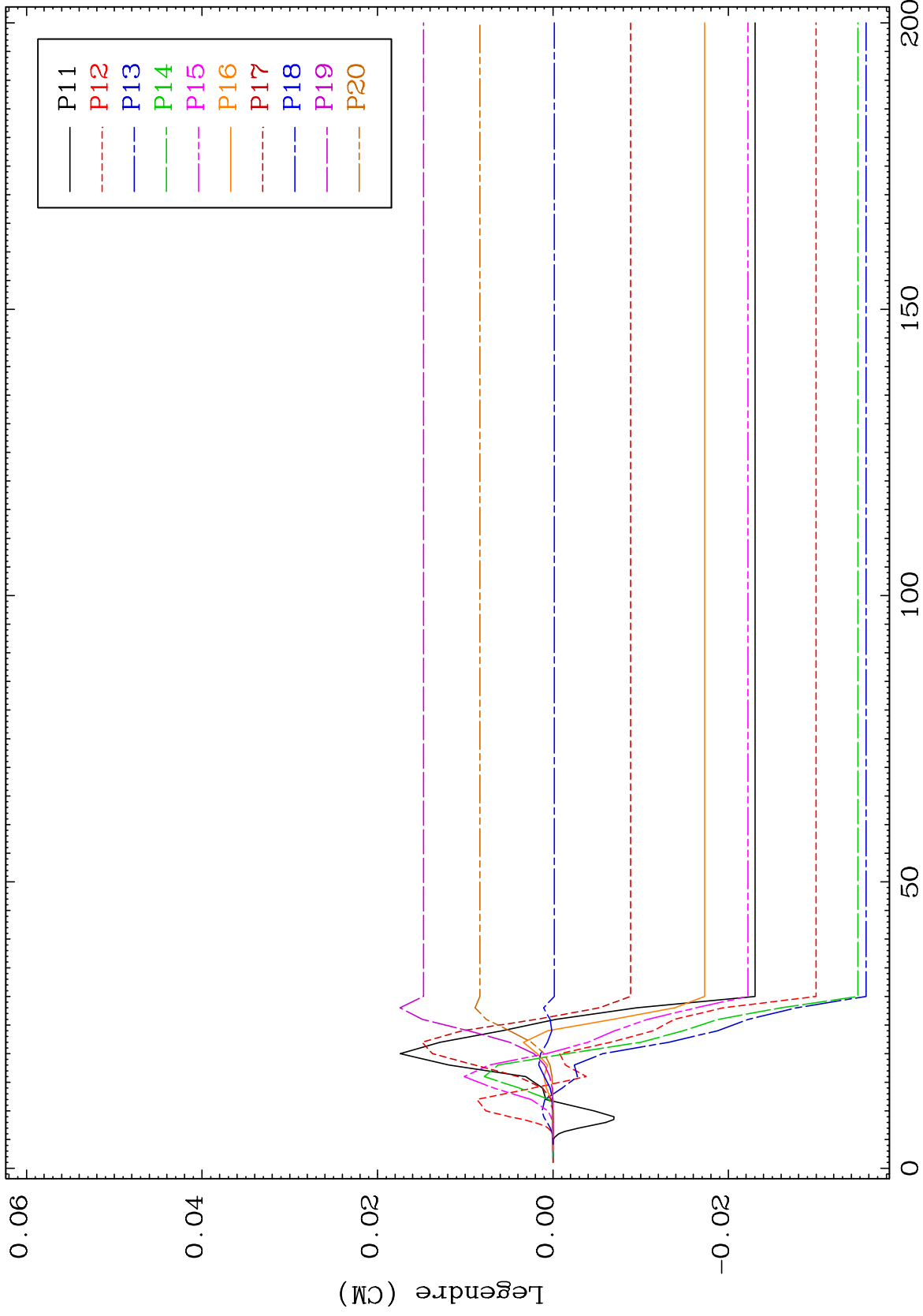


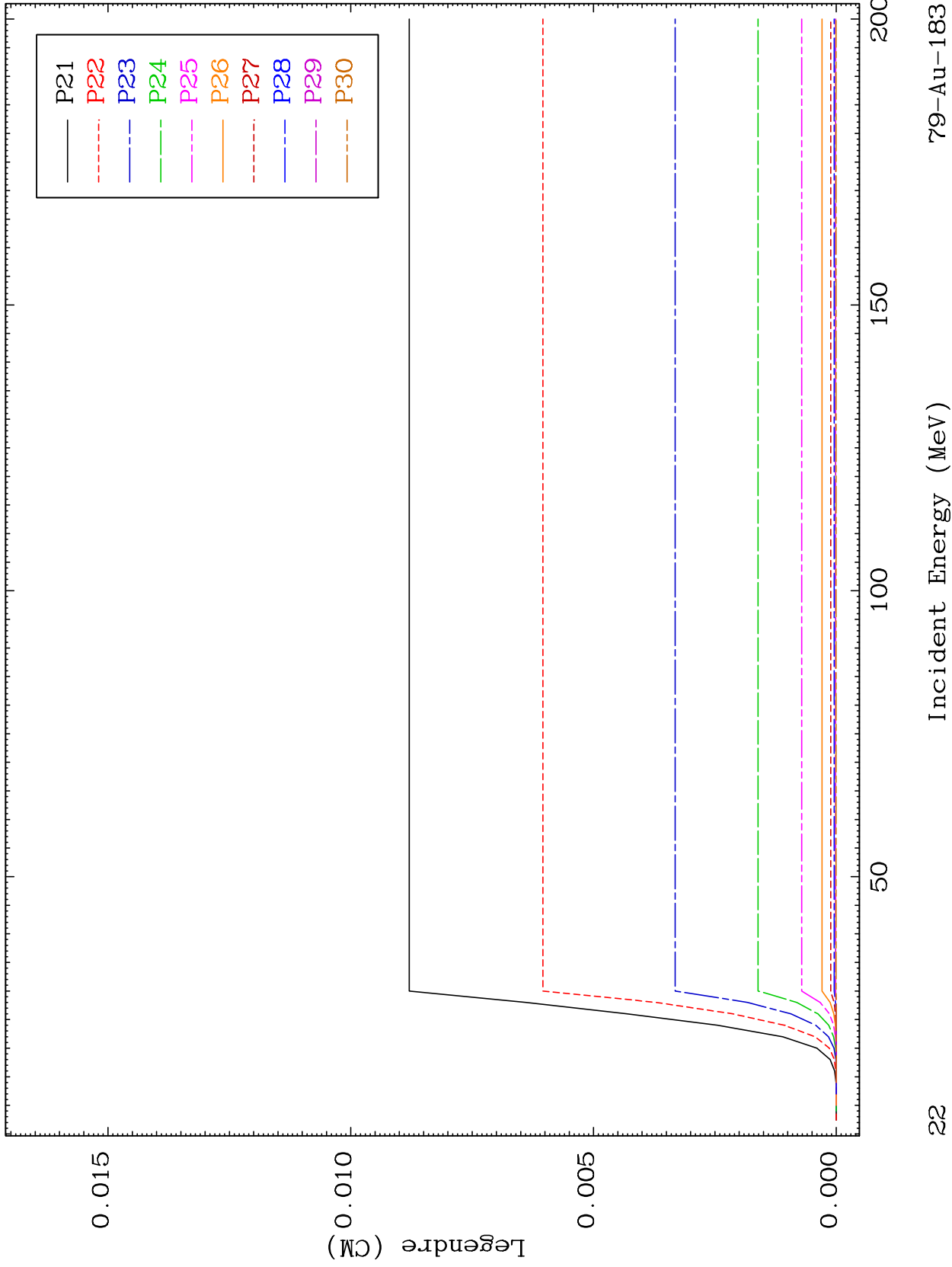
MAT 7883

12.40 keV (n,n') Level
Legendre Coefficients

79-Au-183



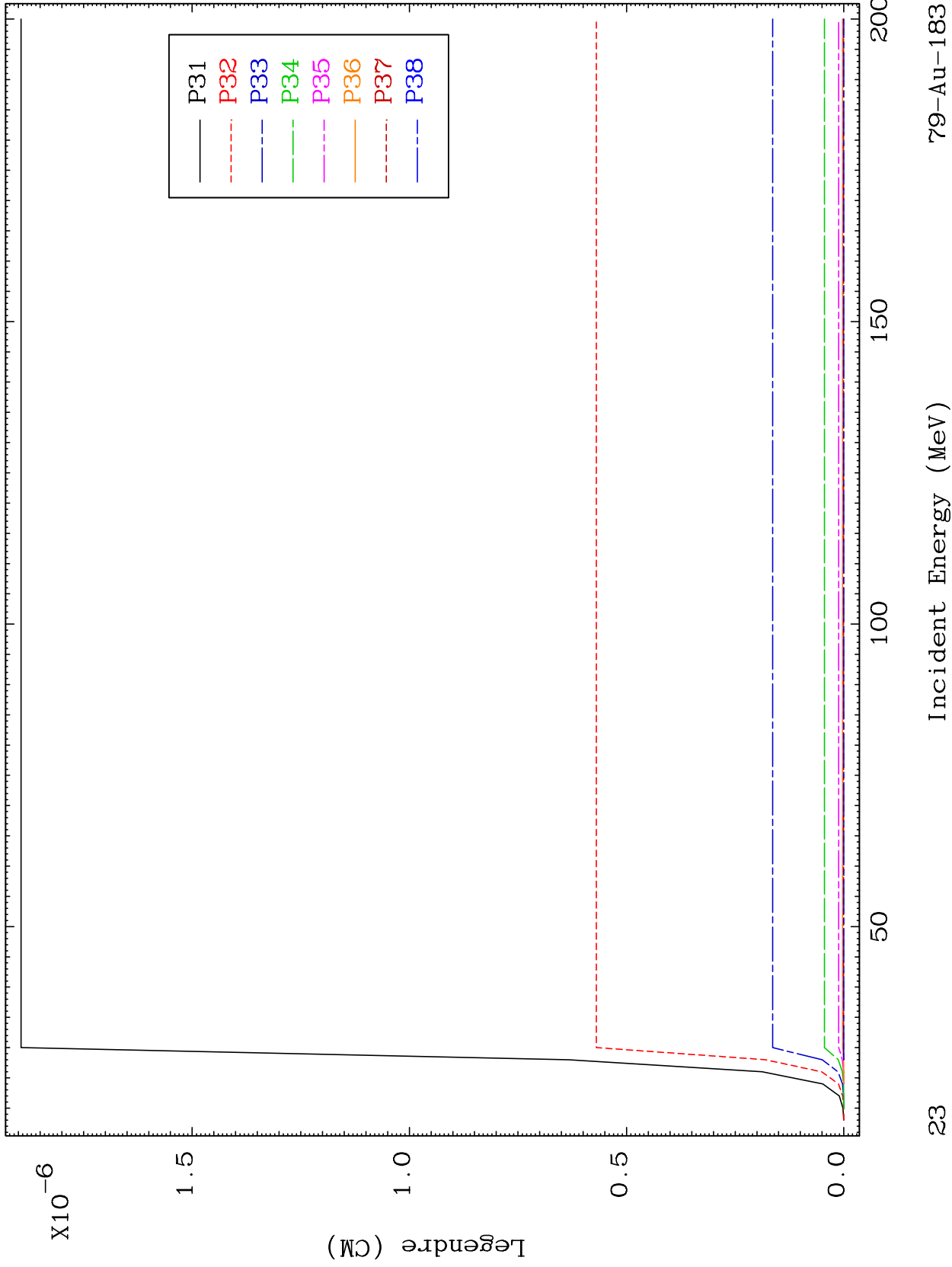




MAT 7883

12.40 keV (n,n') Level
Legendre Coefficients

79-Au-183



23

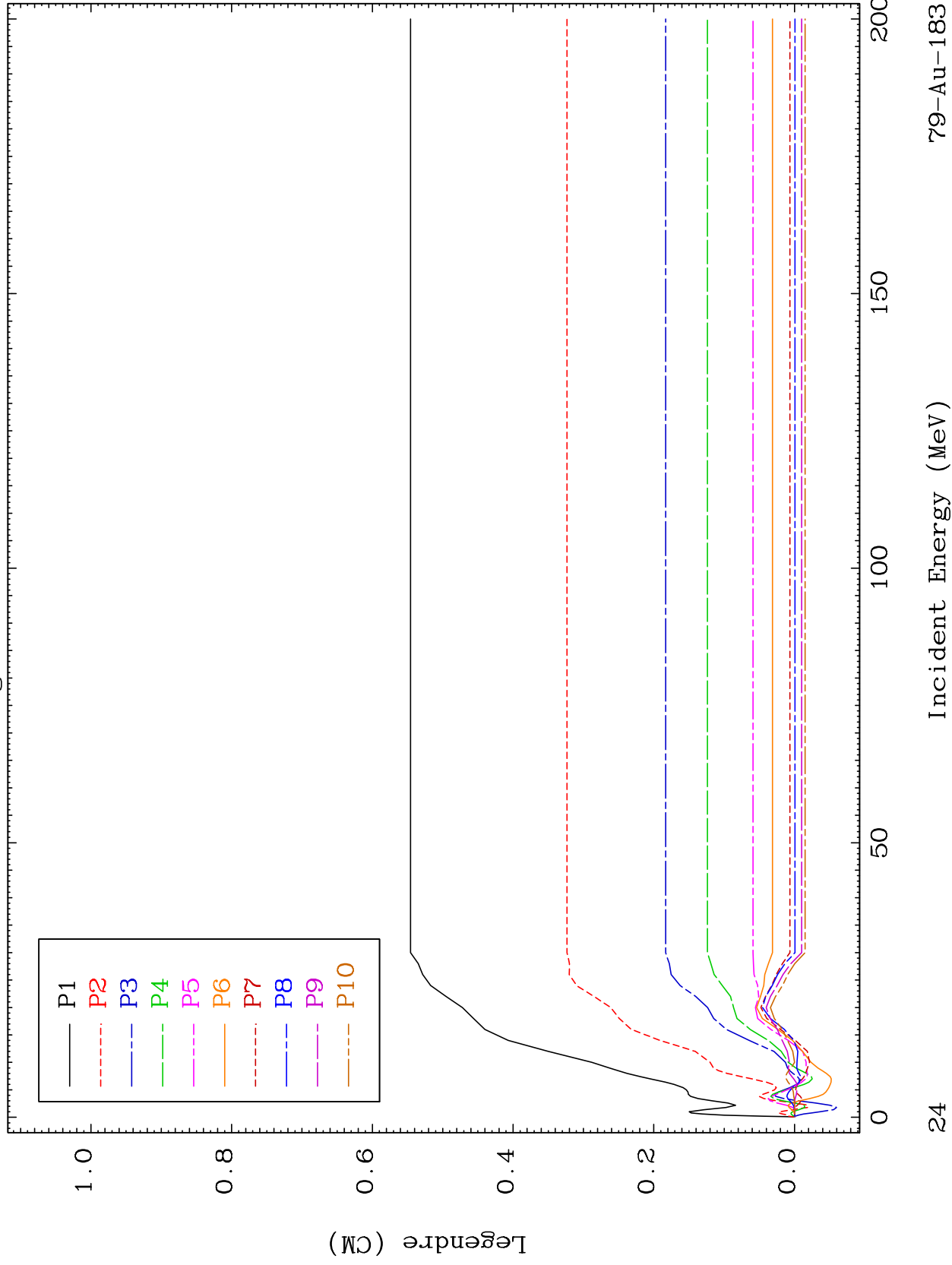
Incident Energy (MeV)

79-Au-183

MAT 7883

40.94 keV (n, n') Level
Legendre Coefficients

79-Au-183

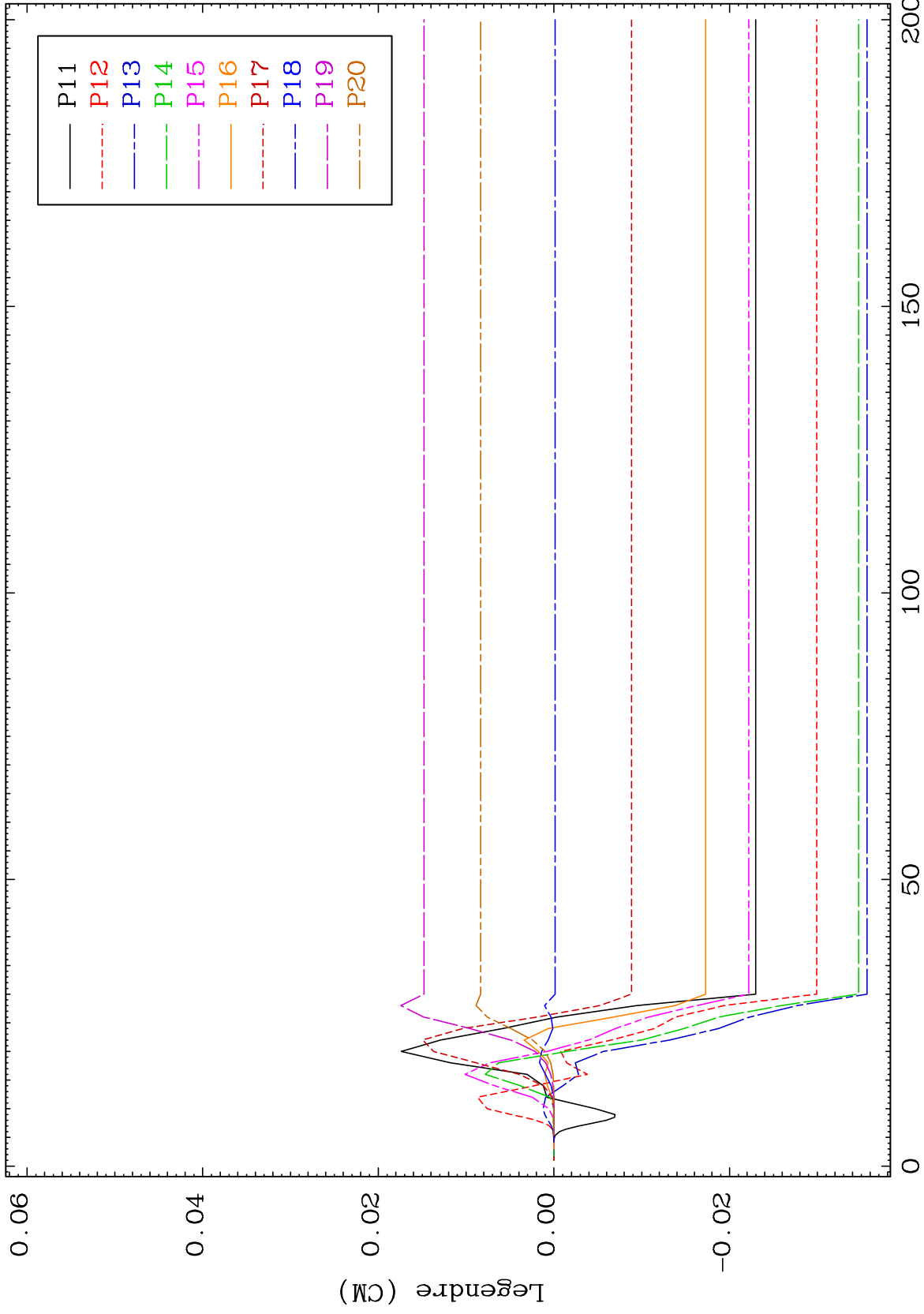


24

MAT 7883

40.94 keV (n,n') Level
Legendre Coefficients

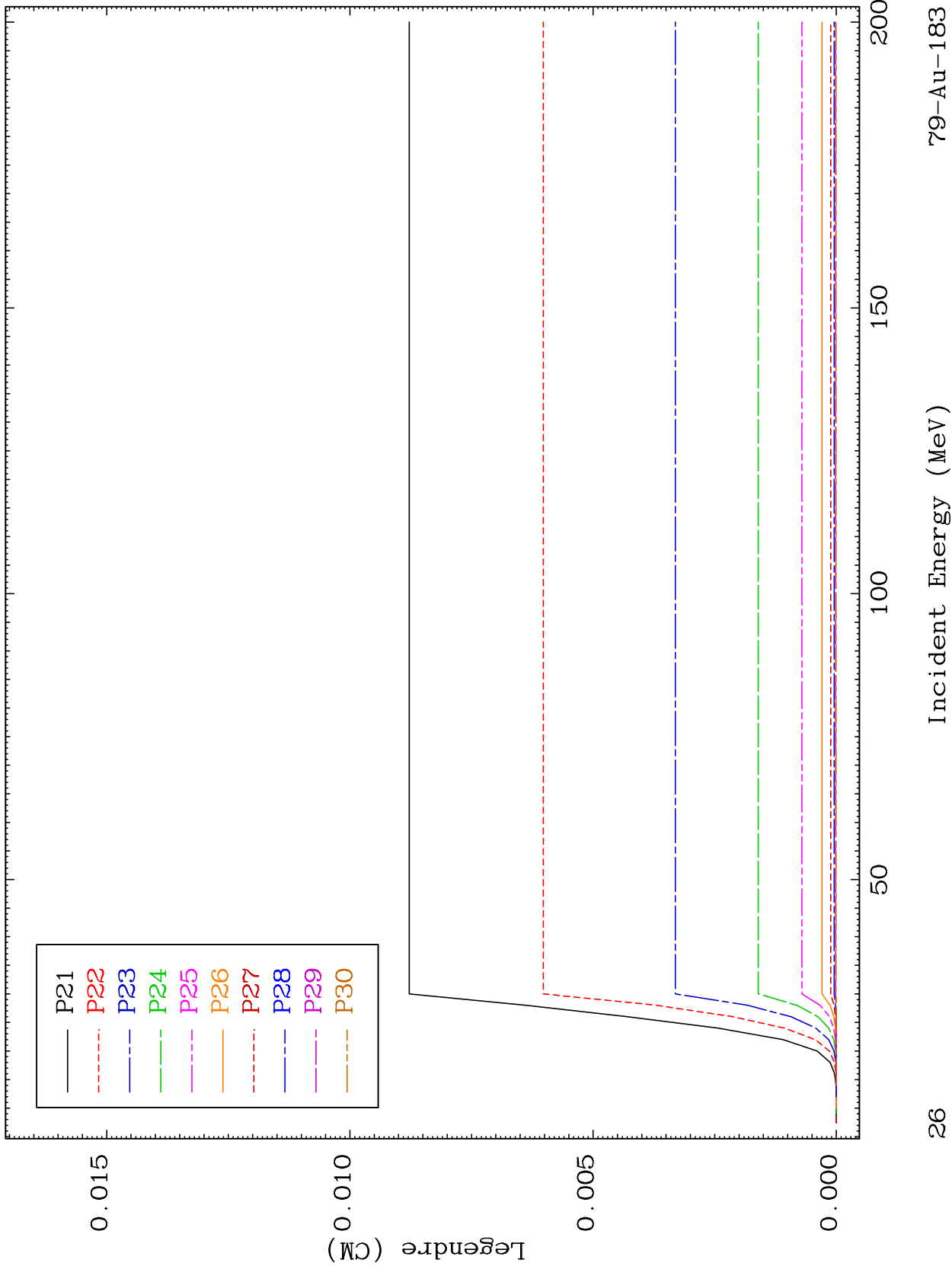
79-Au-183



25

Incident Energy (MeV)

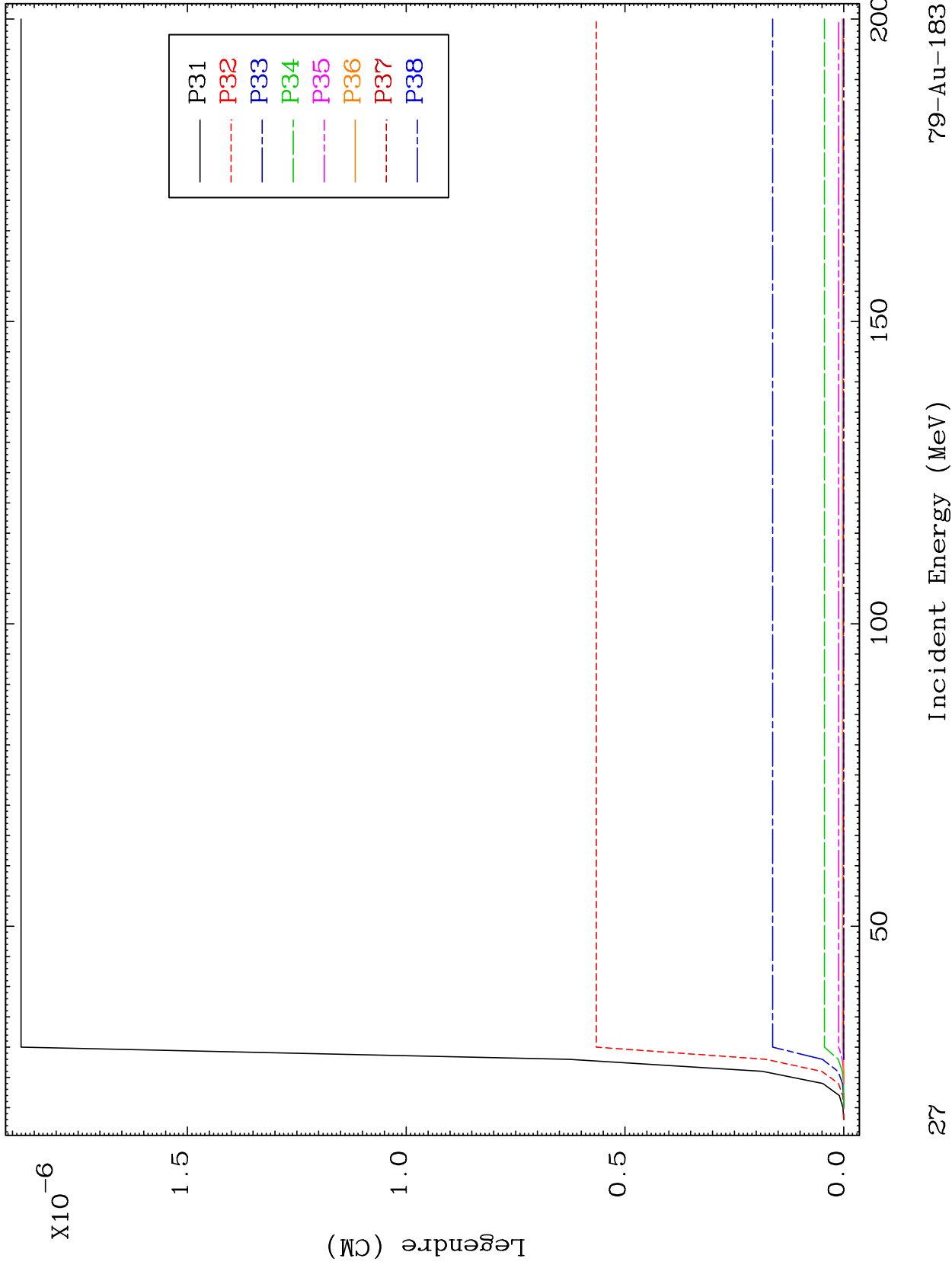
79-Au-183

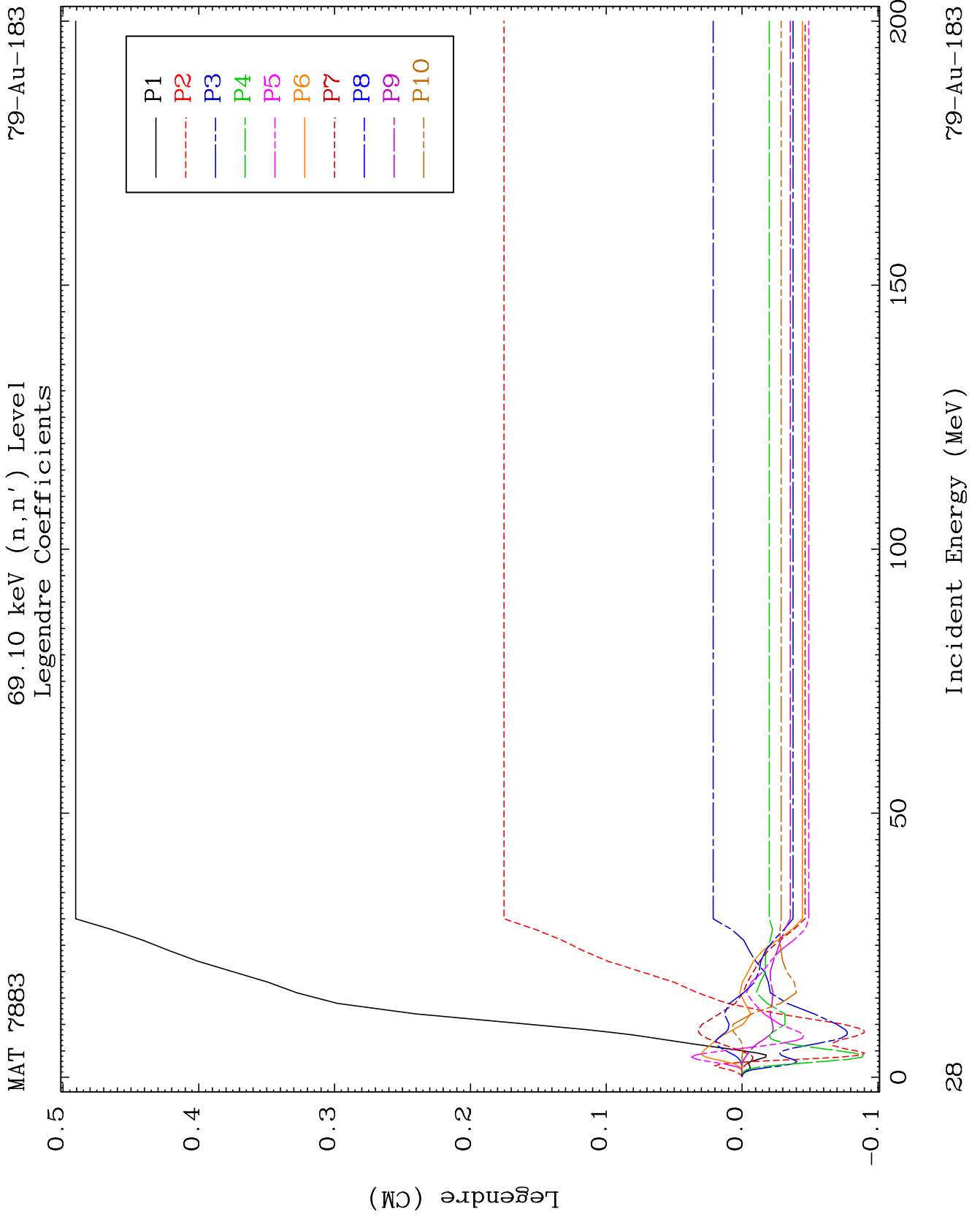


MAT 7883

40.94 keV (n,n') Level
Legendre Coefficients

79-Au-183

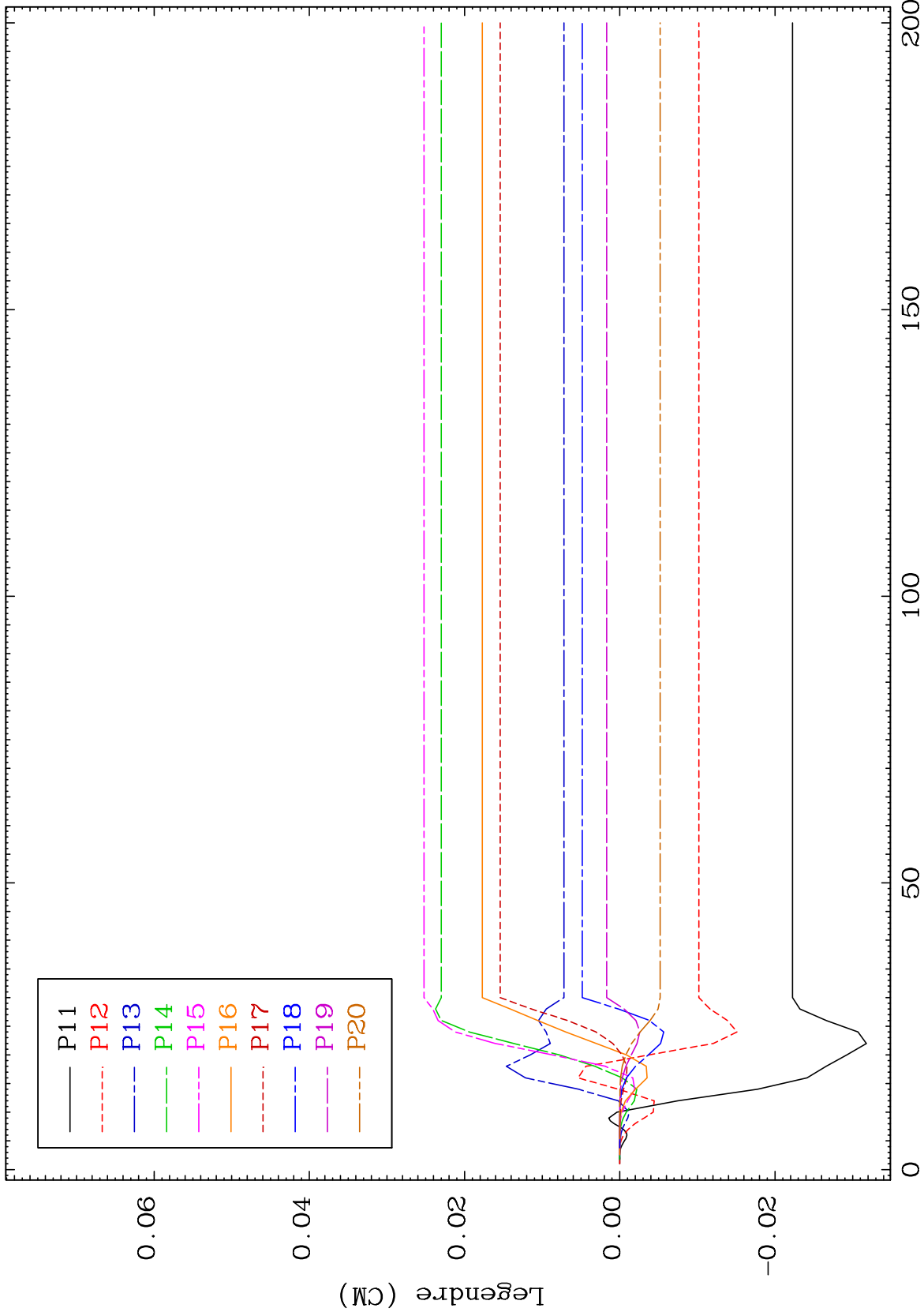




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69.10 keV (n,n') Level
Legendre Coefficients

79-Au-183



29

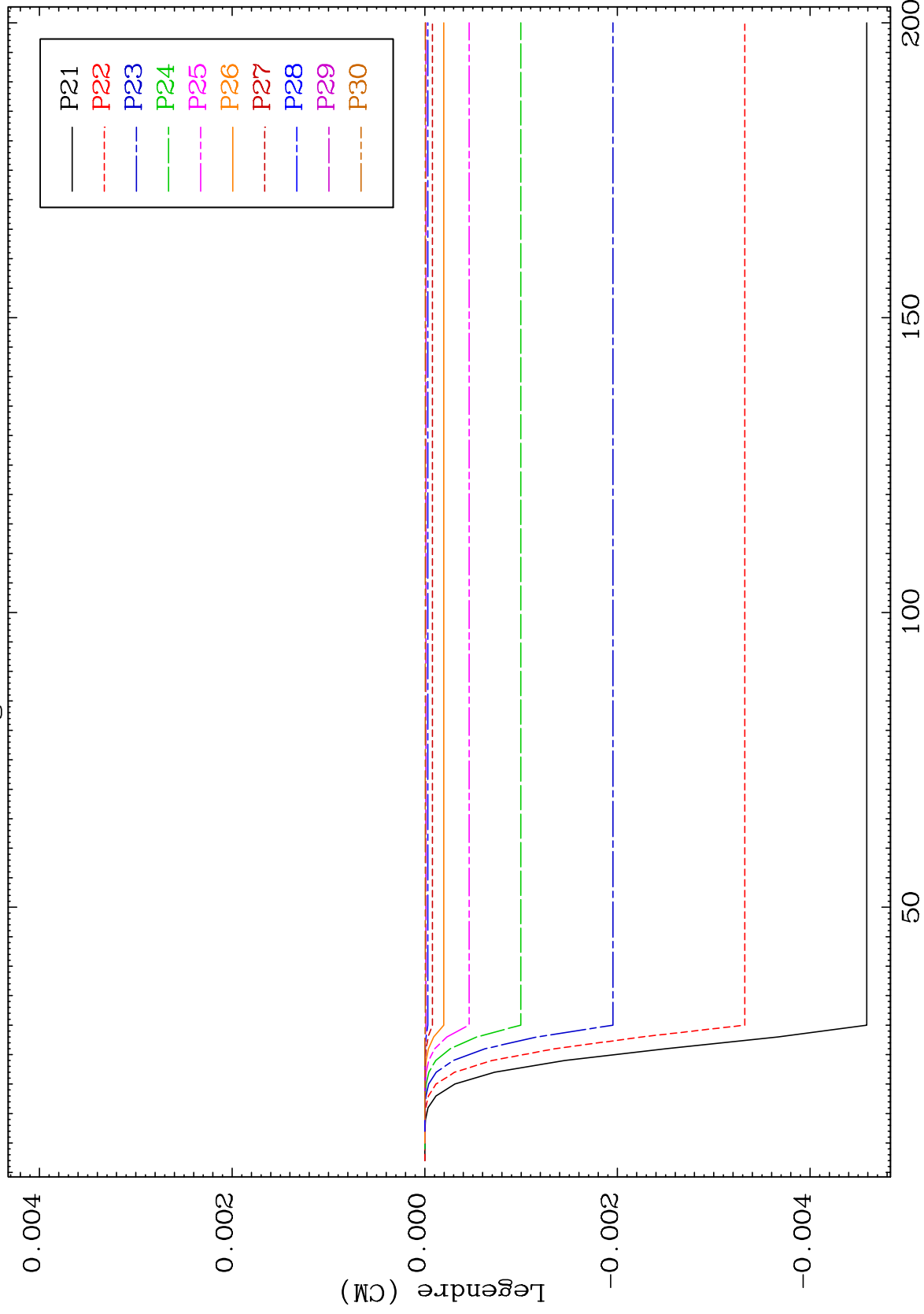
Incident Energy (MeV)

79-Au-183

MAT 7883

69.10 keV (n,n') Level
Legendre Coefficients

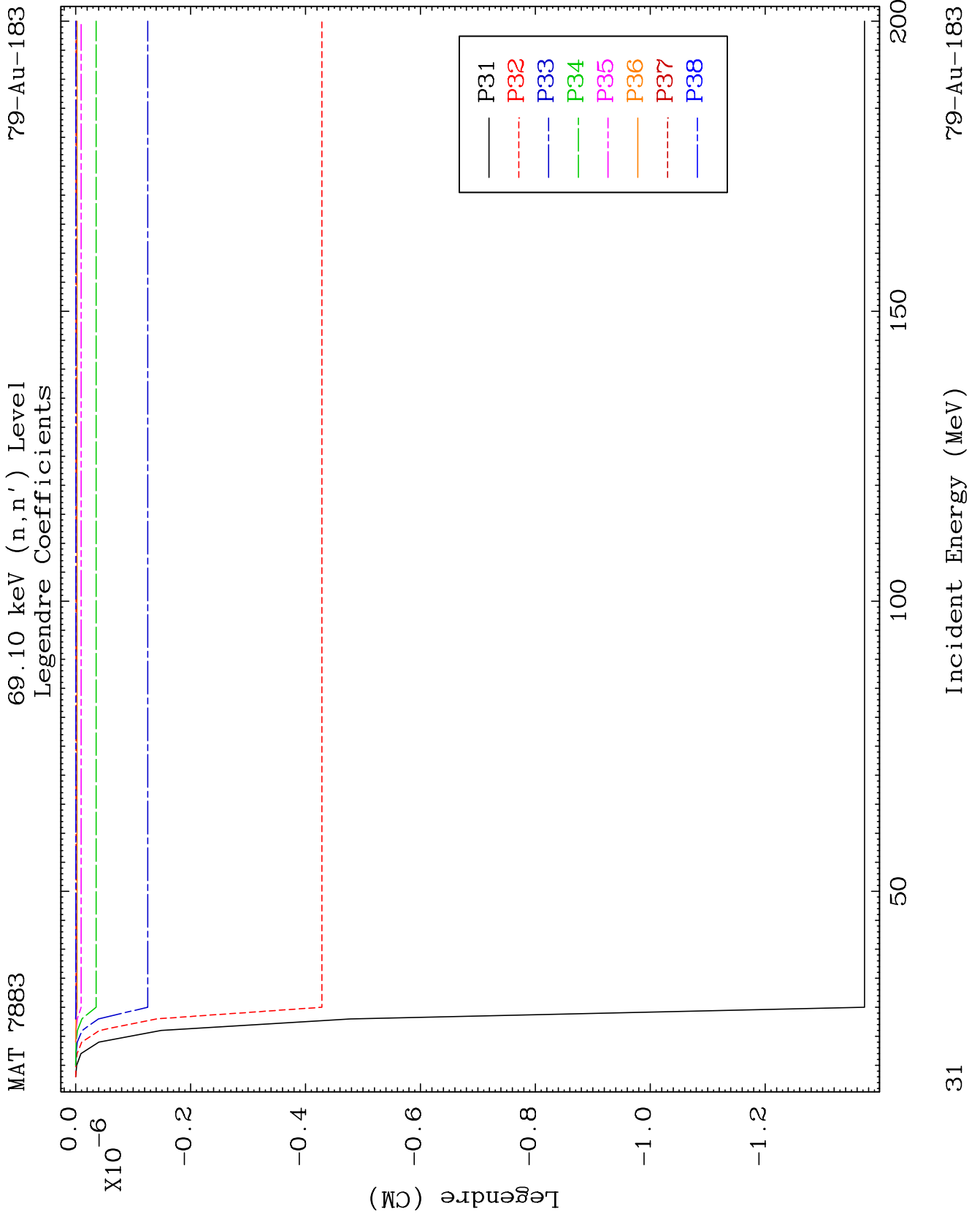
79-Au-183



30

Incident Energy (MeV)

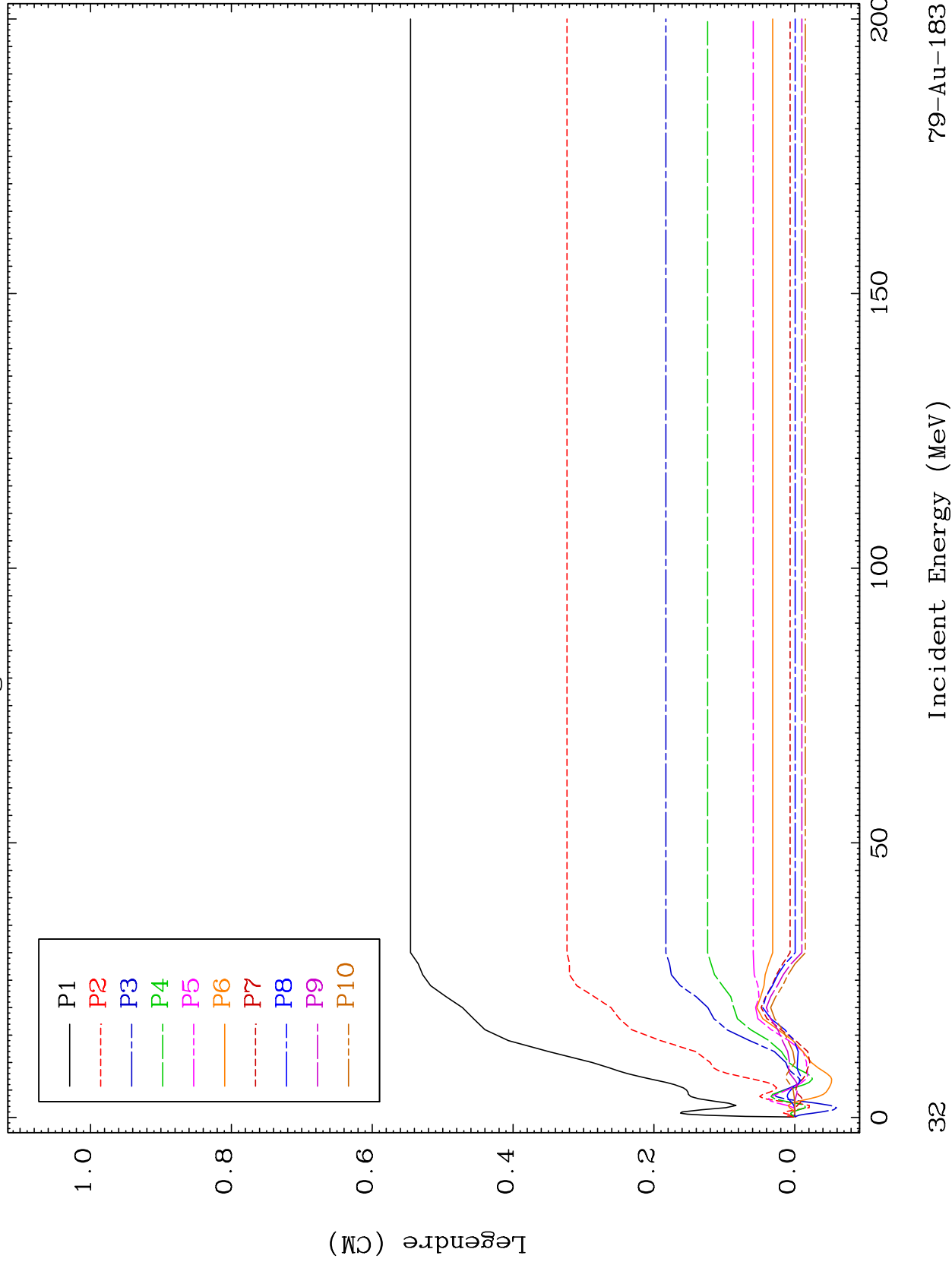
79-Au-183



MAT 7883

73.30 keV (n,n') Level
Legendre Coefficients

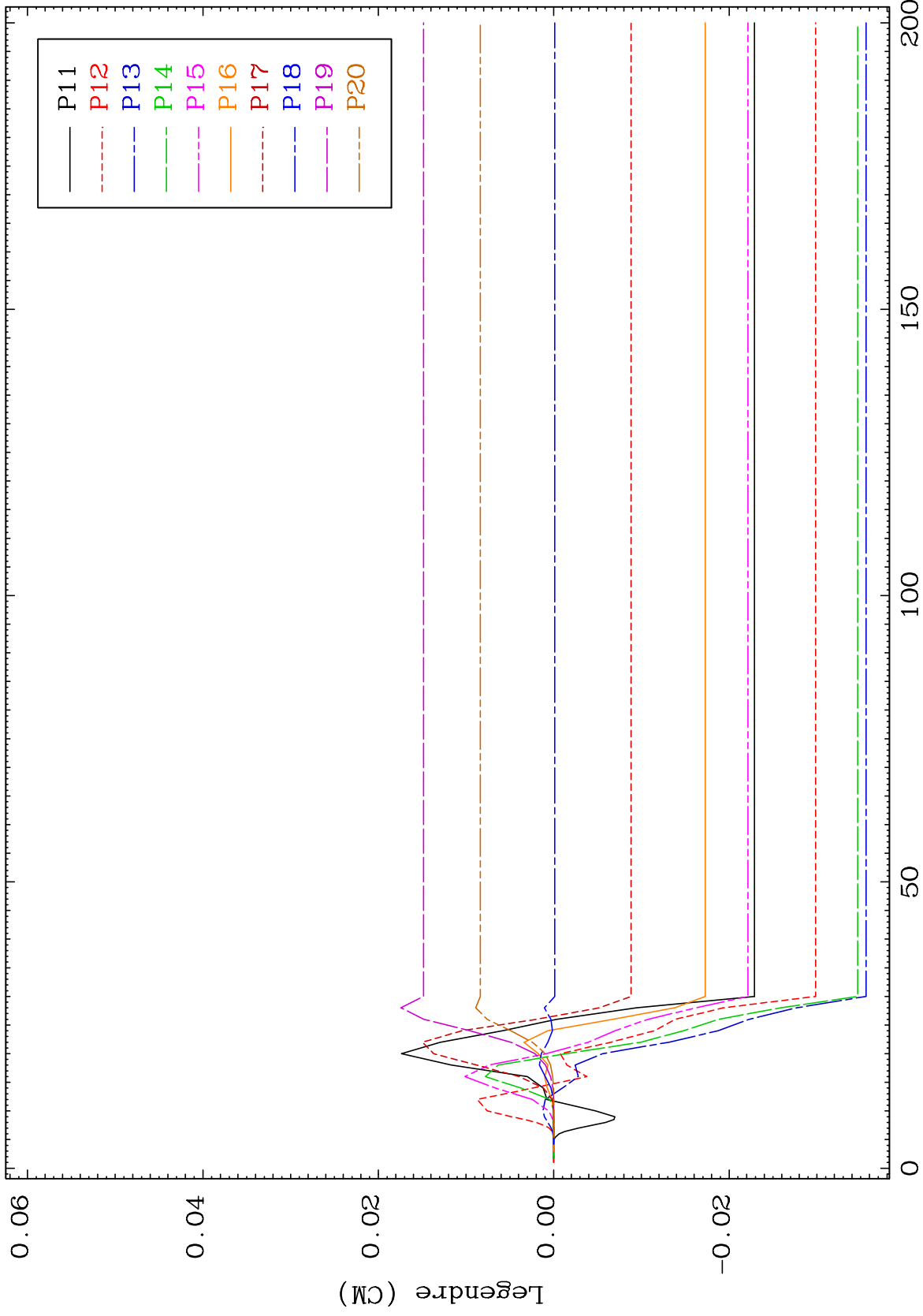
79-Au-183

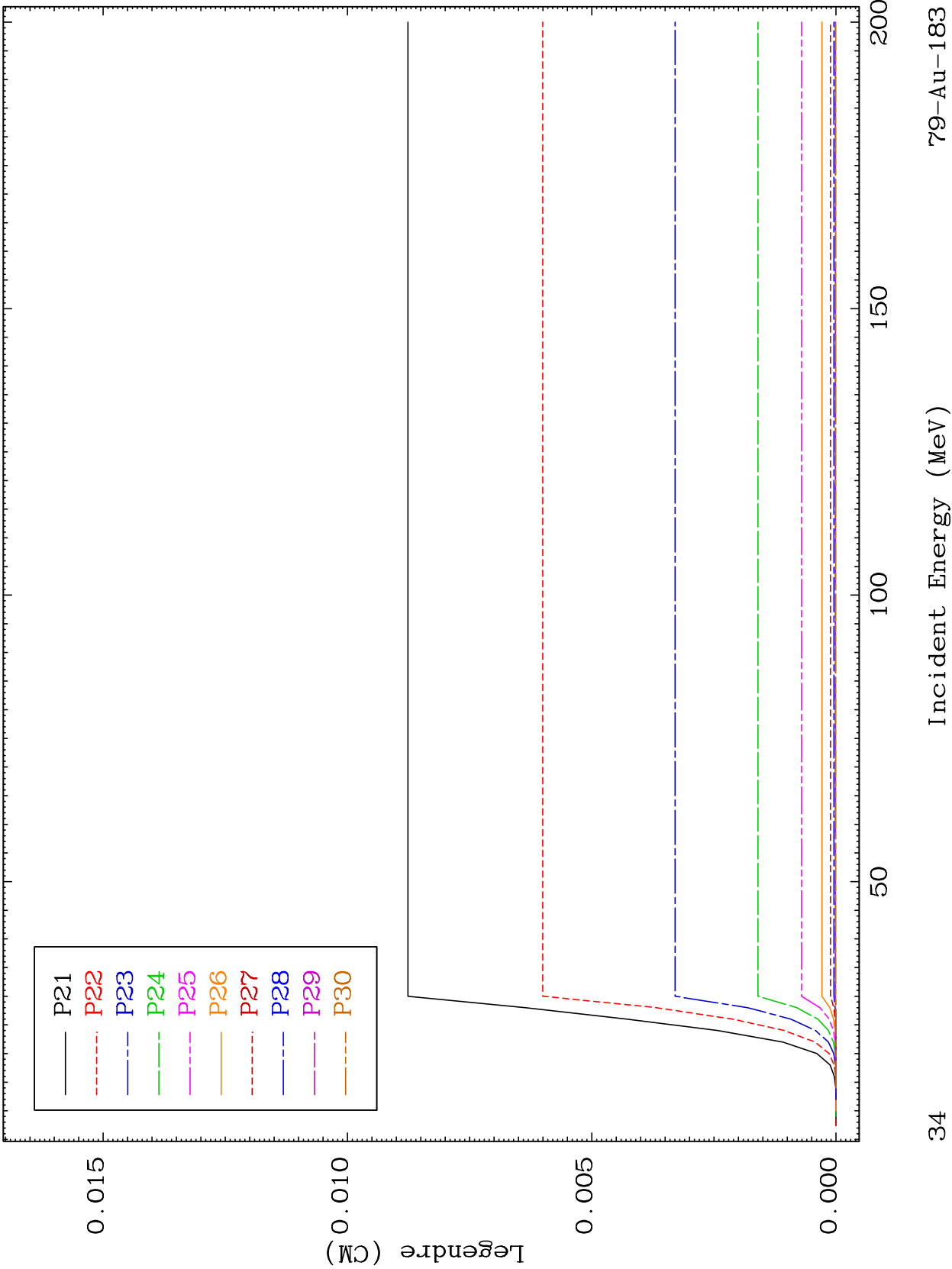


79-Au-183

Incident Energy (MeV)

32

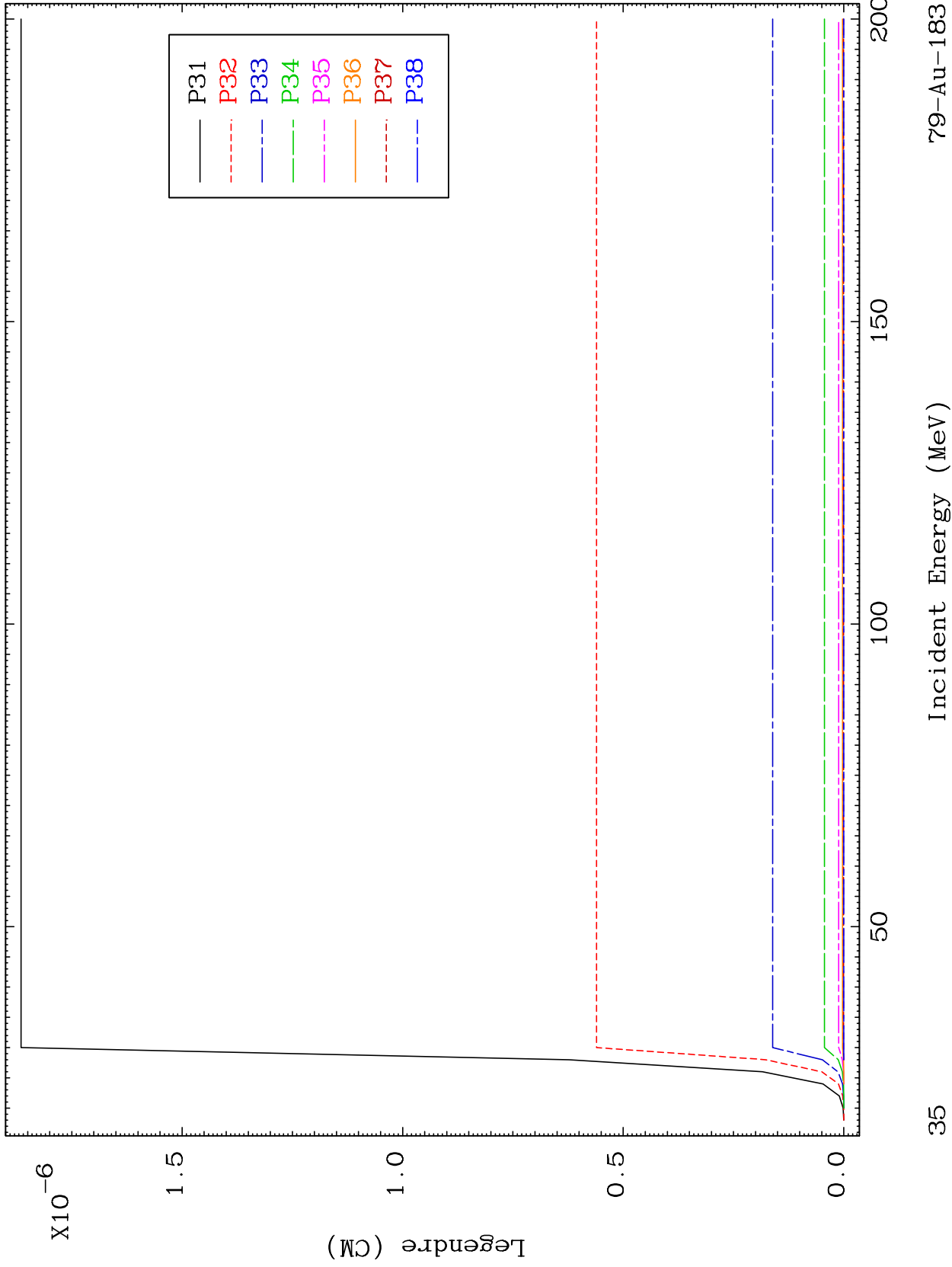




MAT 7883

73.30 keV (n,n') Level
Legendre Coefficients

79-Au-183



79-Au-183

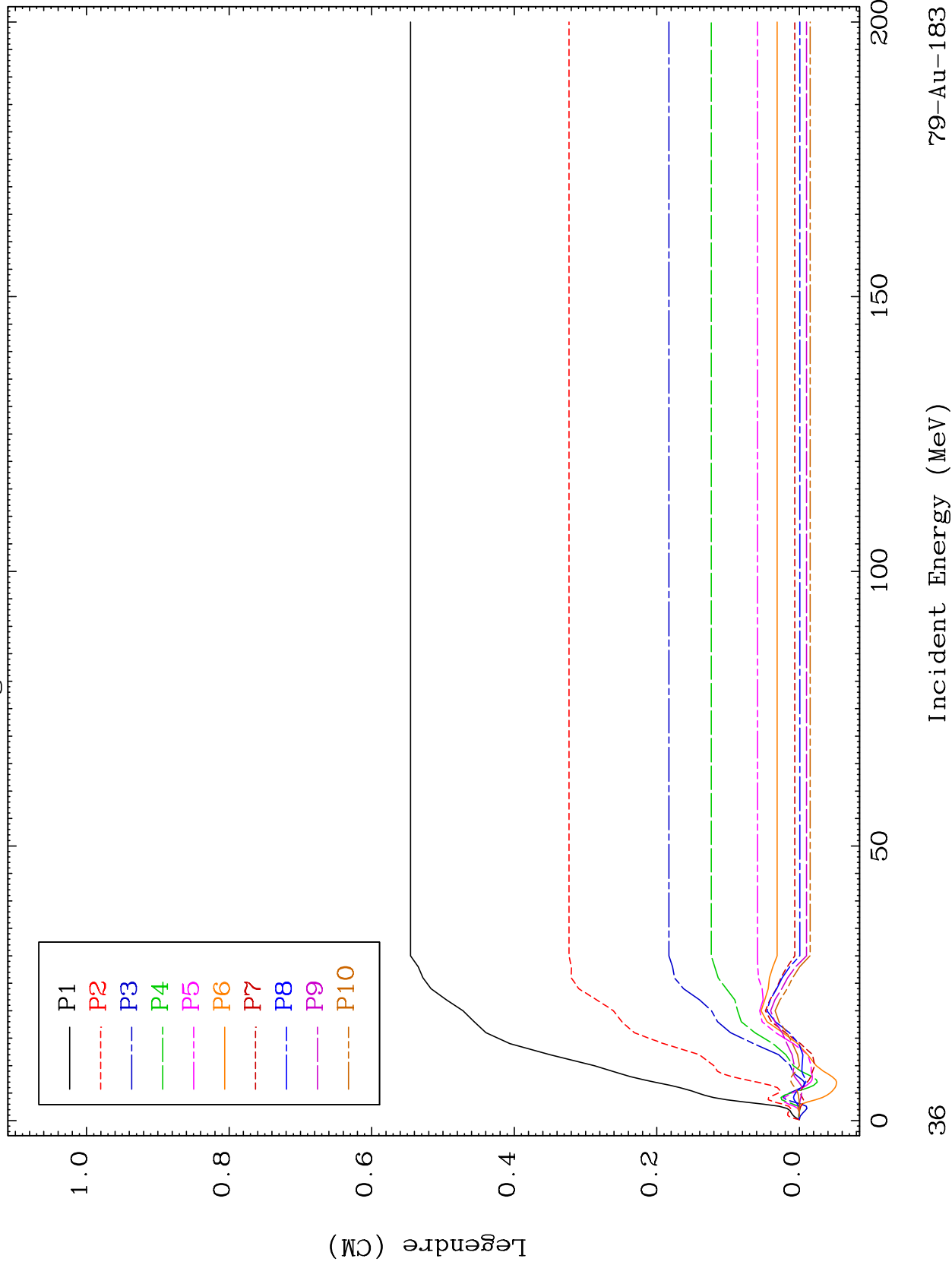
Incident Energy (MeV)

35

MAT 7883

91.28 keV (n,n') Level
Legendre Coefficients

79-Au-183



36

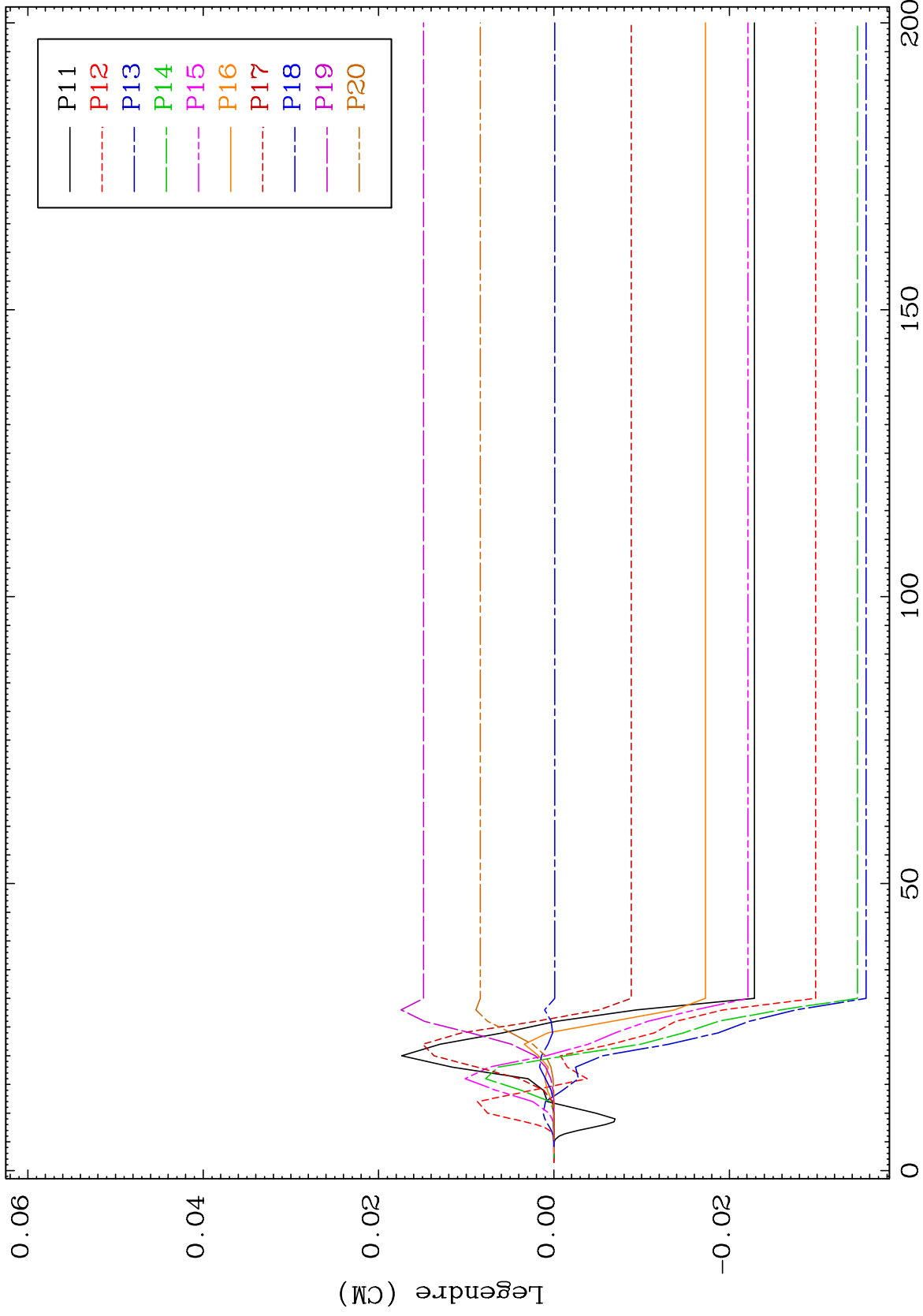
Incident Energy (MeV)

79-Au-183

MAT 7883

91.28 keV (n,n') Level
Legendre Coefficients

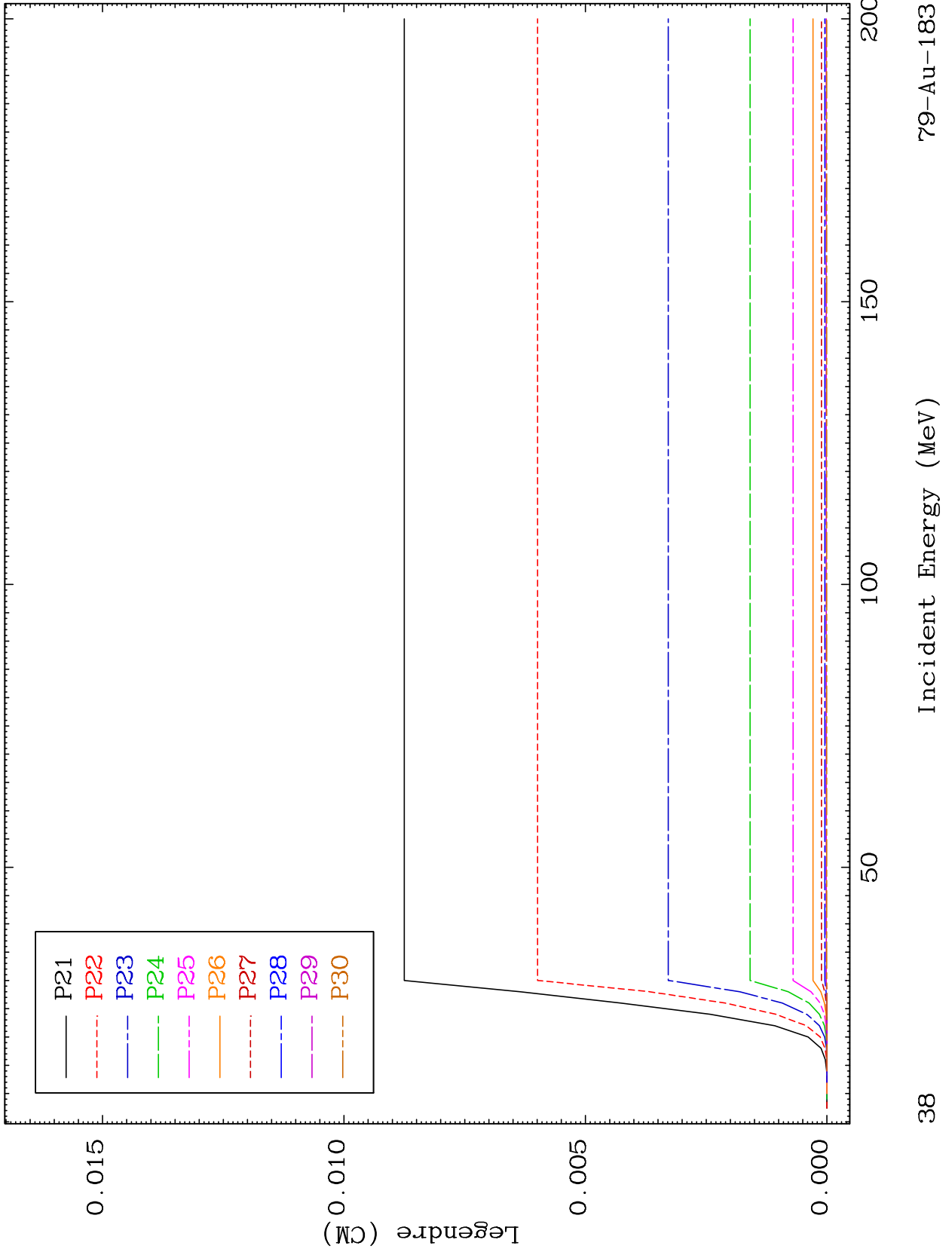
79-Au-183



37

Incident Energy (MeV)

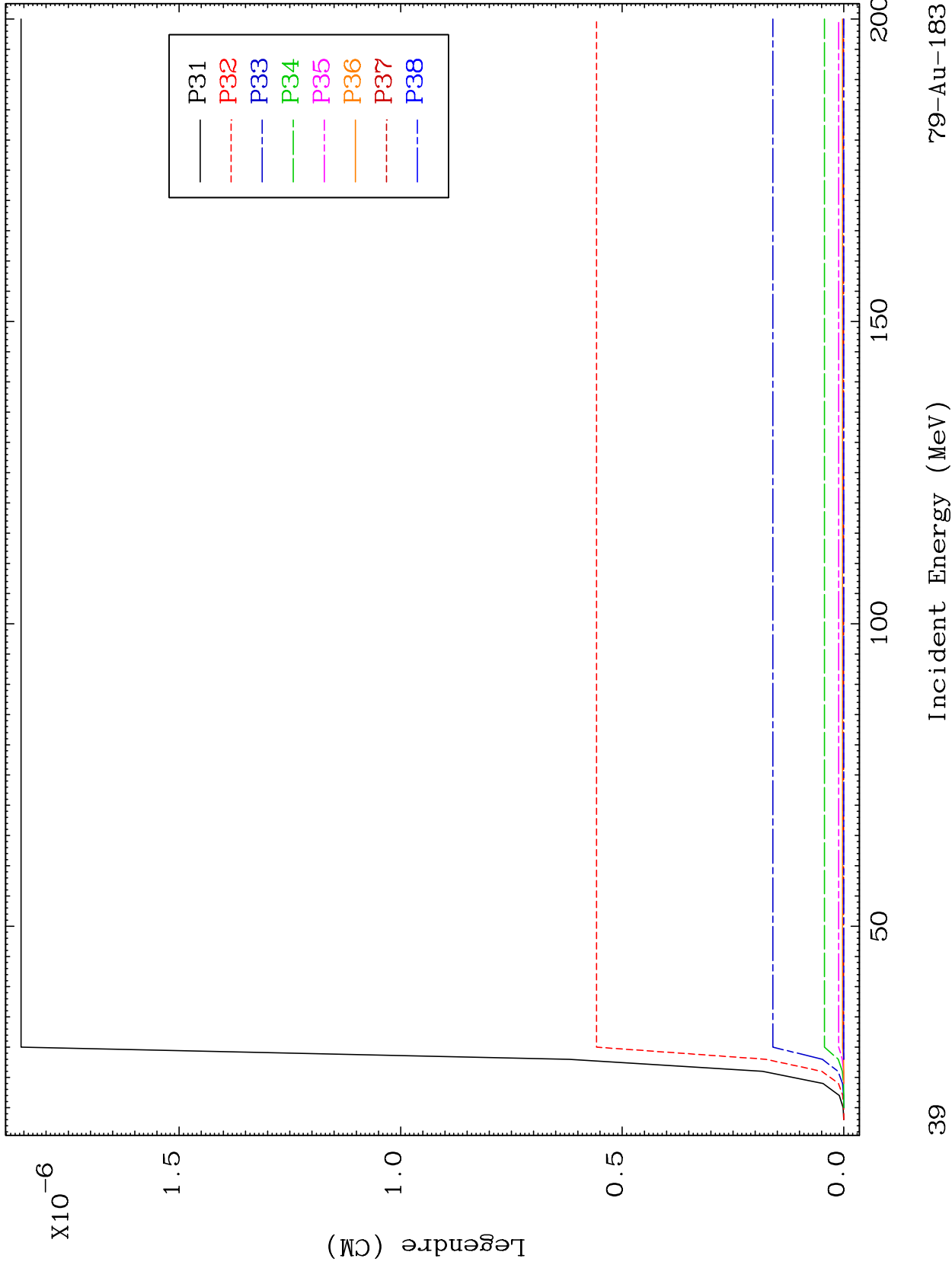
79-Au-183



MAT 7883

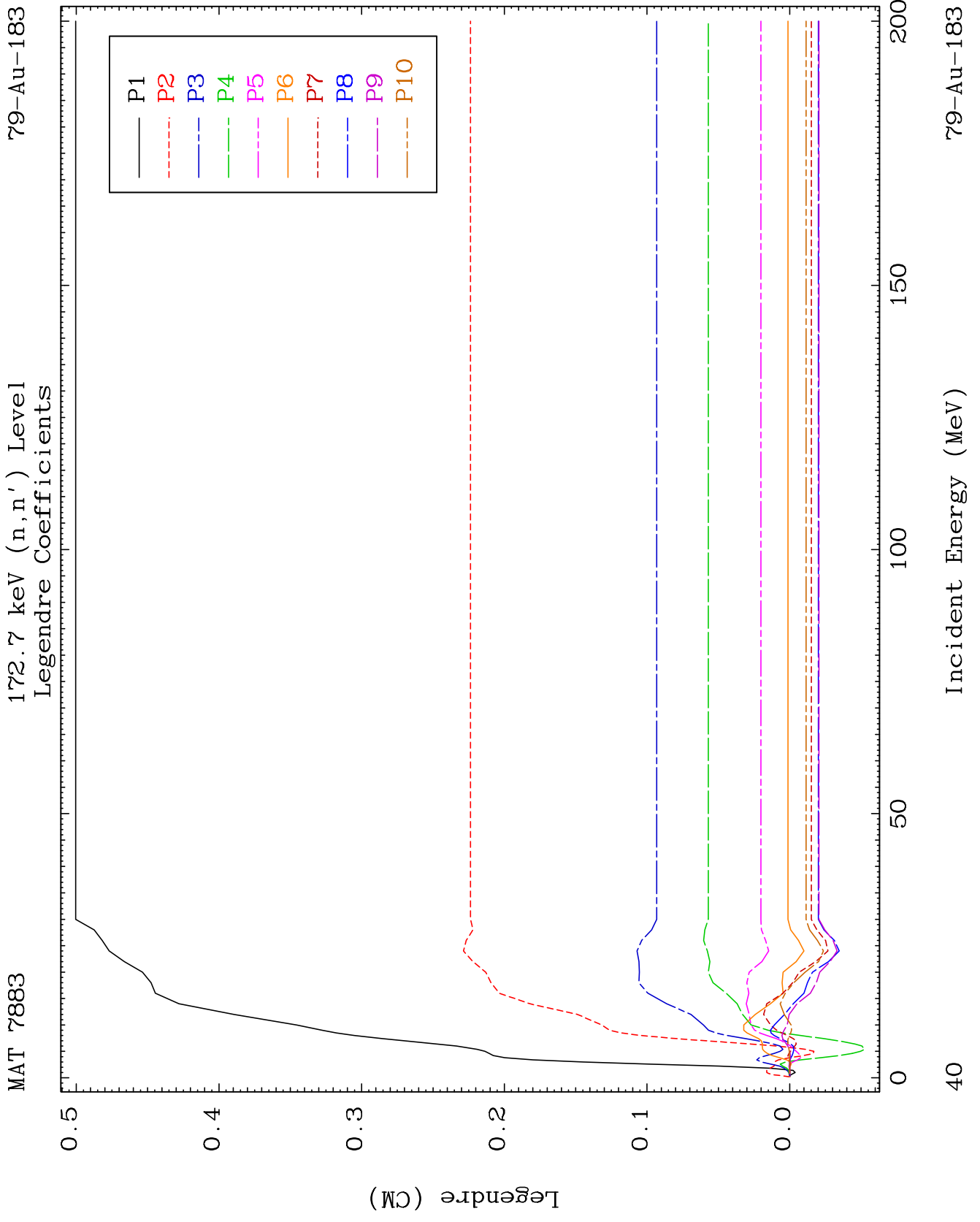
91.28 keV (n,n') Level
Legendre Coefficients

79-Au-183



39

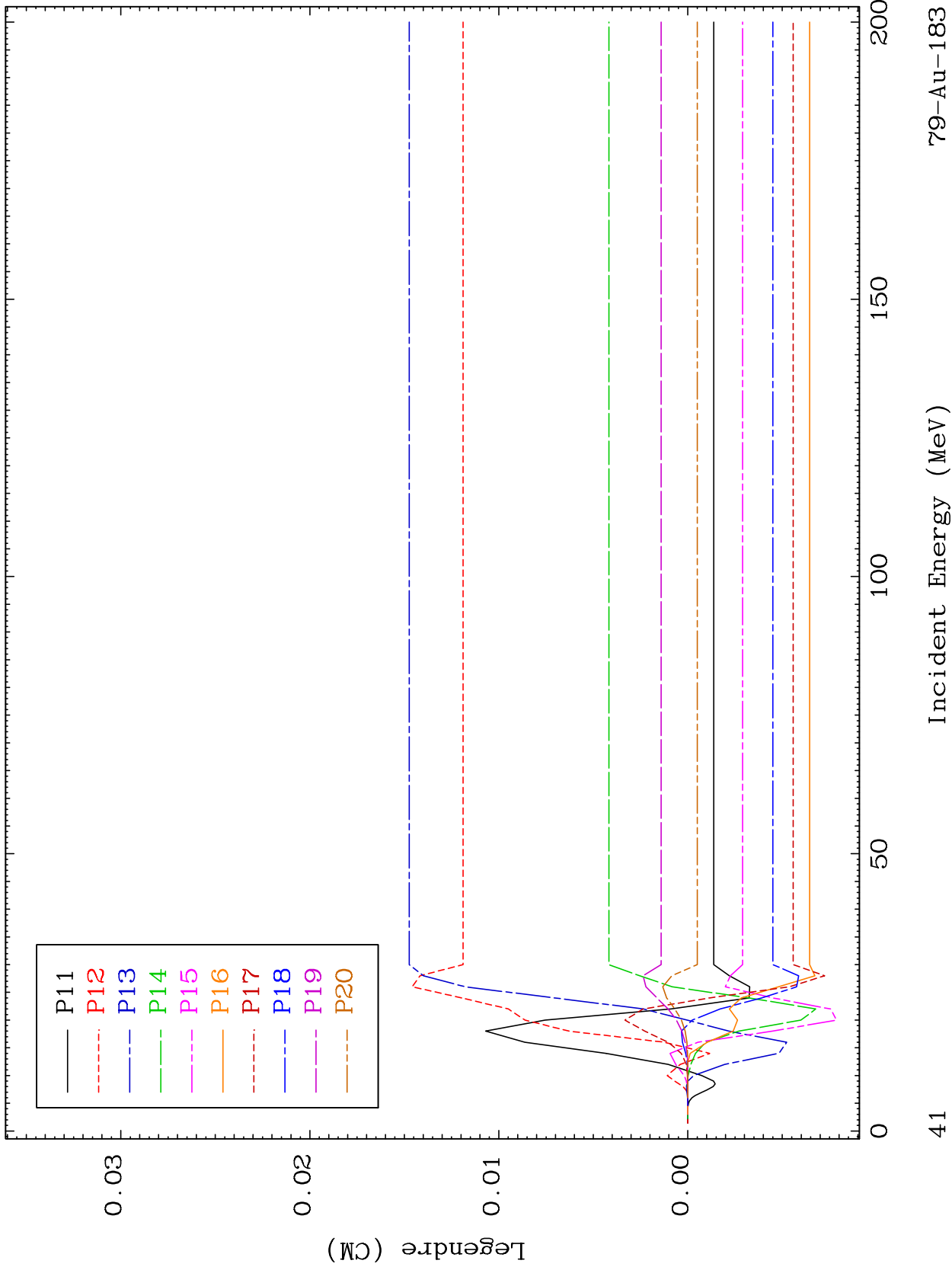
79-Au-183



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172.7 keV (n,n') Level
Legendre Coefficients

79-Au-183



41

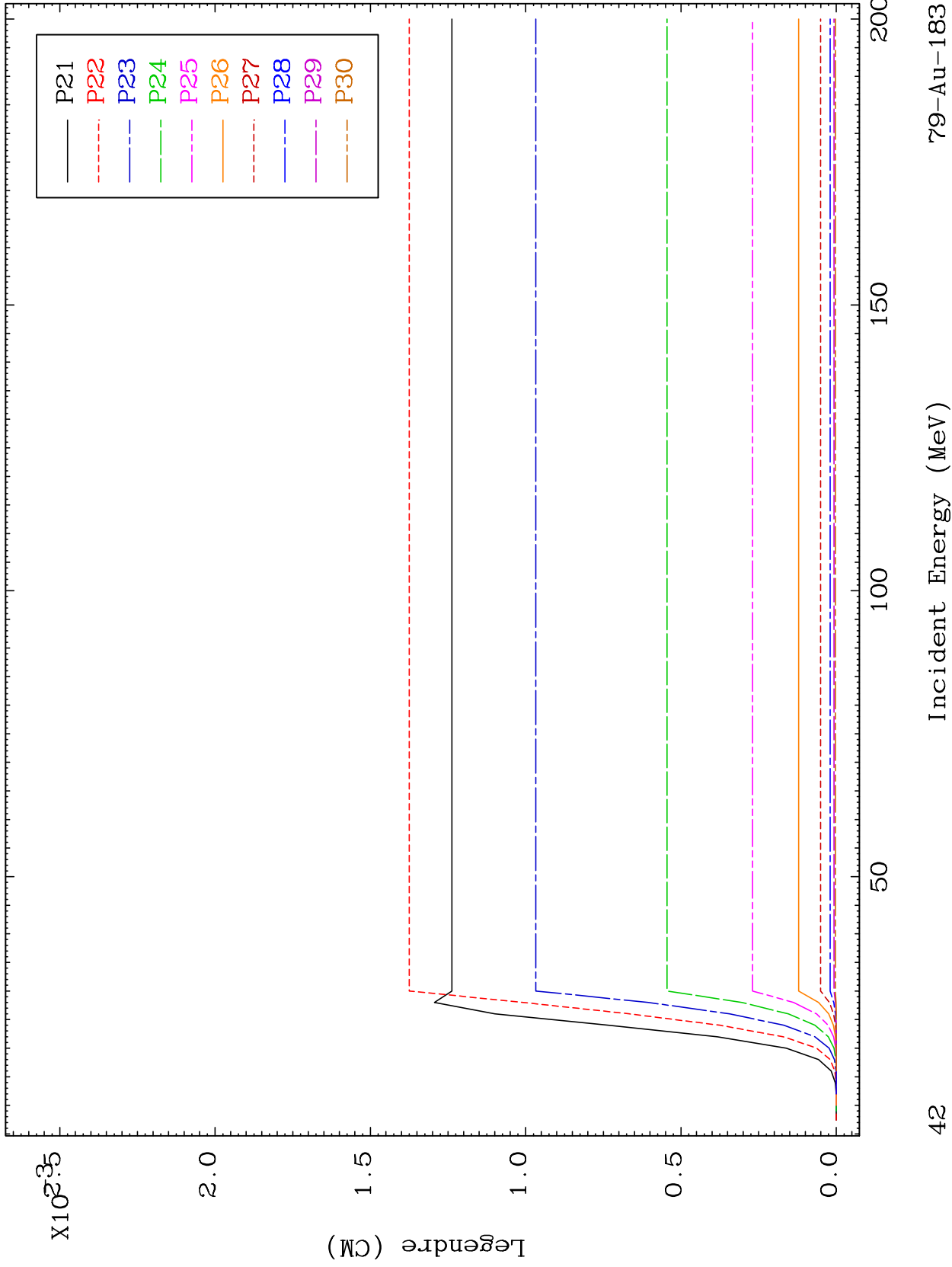
Incident Energy (MeV)

79-Au-183

MAT 7883

172.7 keV (n,n') Level
Legendre Coefficients

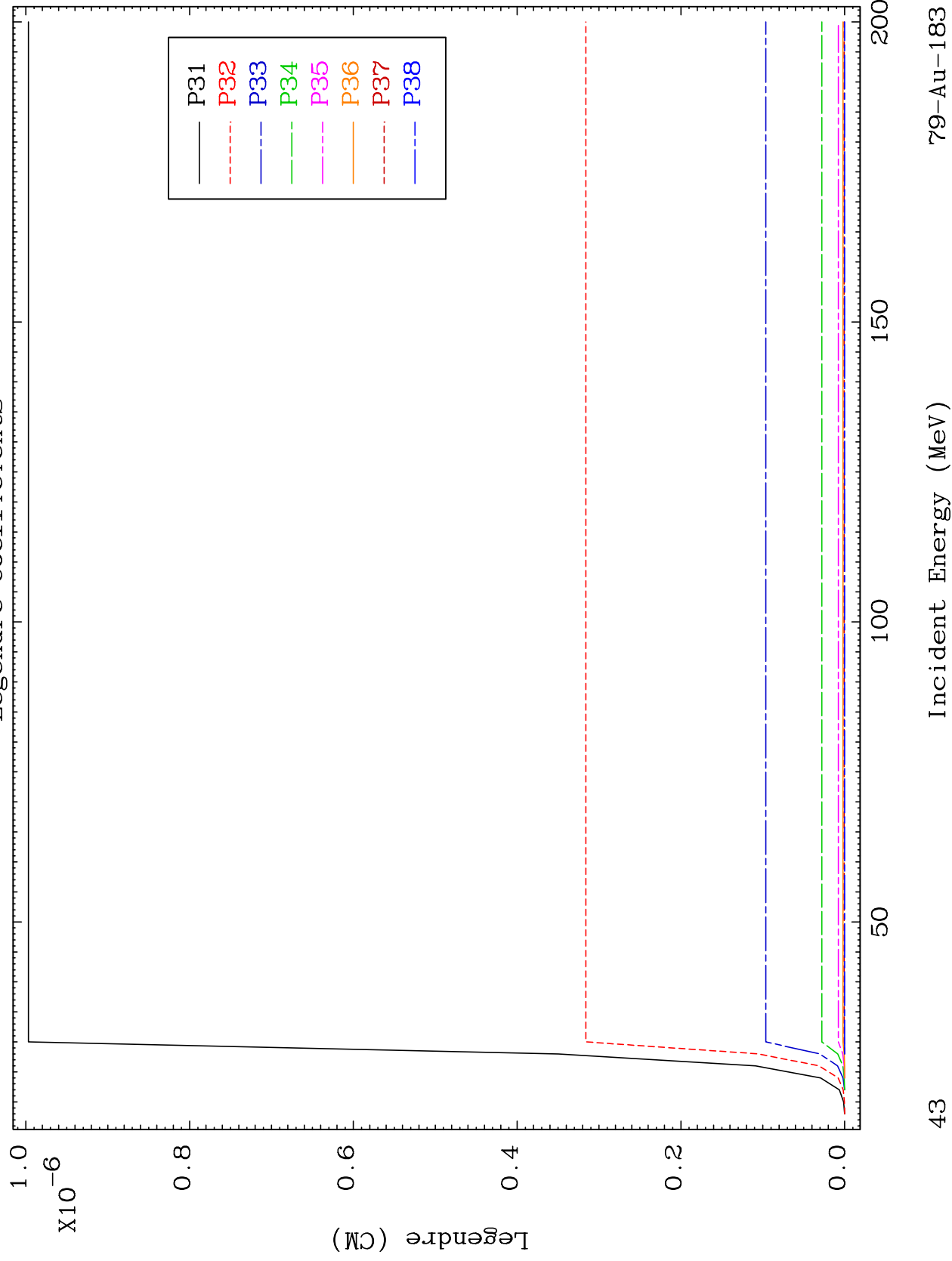
79-Au-183



MAT 7883

172.7 keV (n,n') Level
Legendre Coefficients

79-Au-183



43

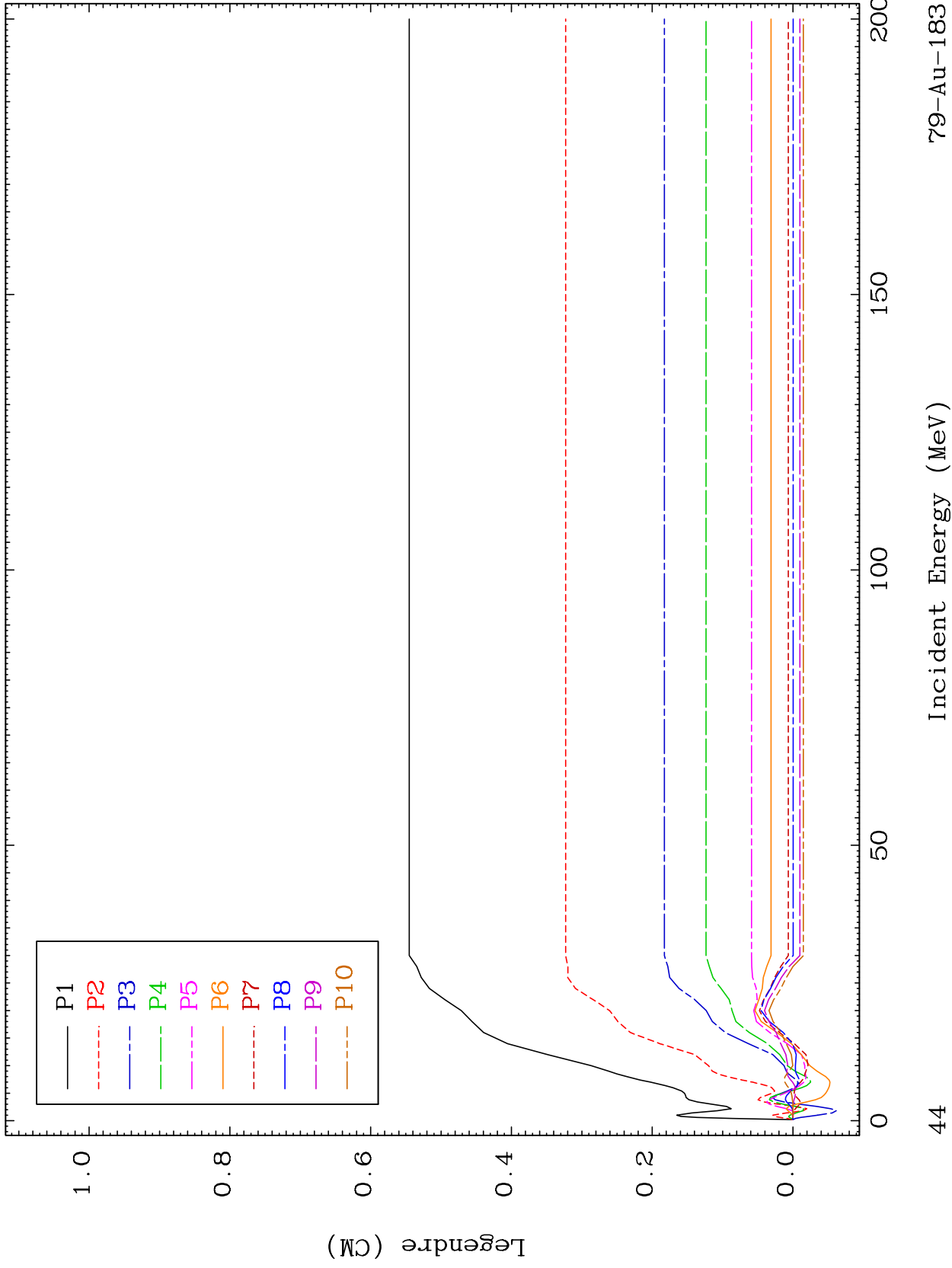
Incident Energy (MeV)

79-Au-183

MAT 7883

179.1 keV (n, n') Level
Legendre Coefficients

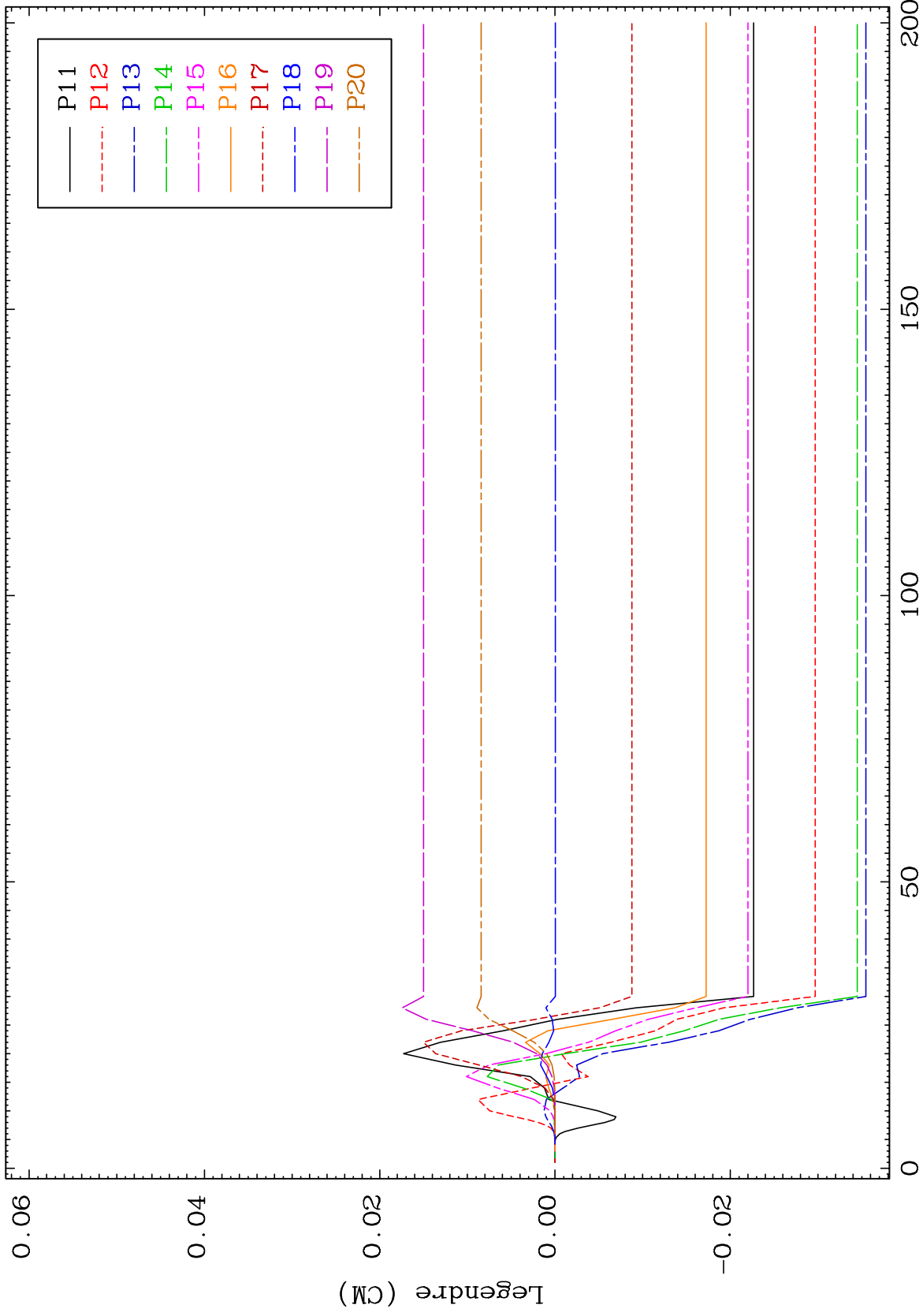
79-Au-183



MAT 7883

179.1 keV (n,n') Level
Legendre Coefficients

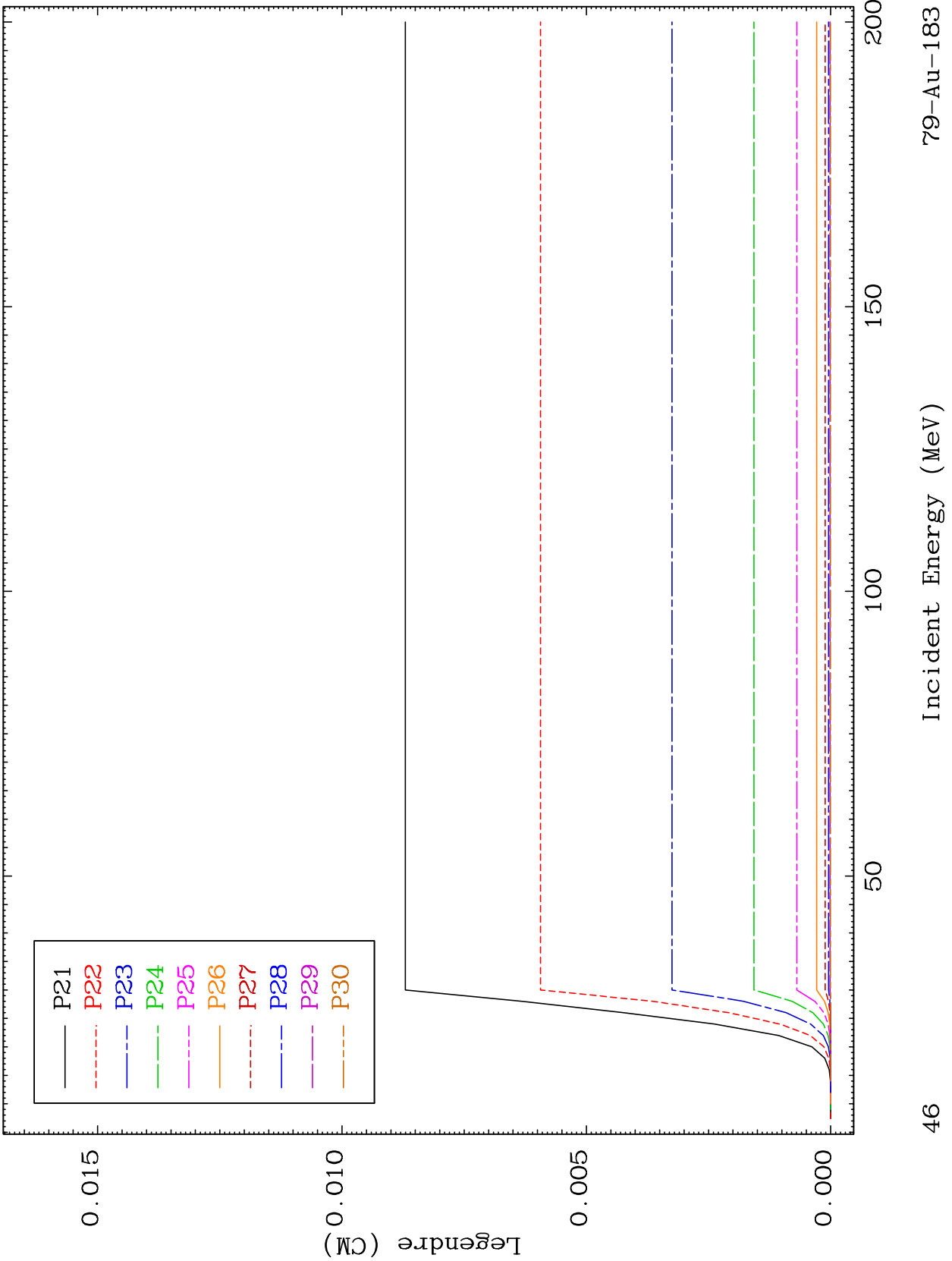
79-Au-183



79-Au-183

Incident Energy (MeV)

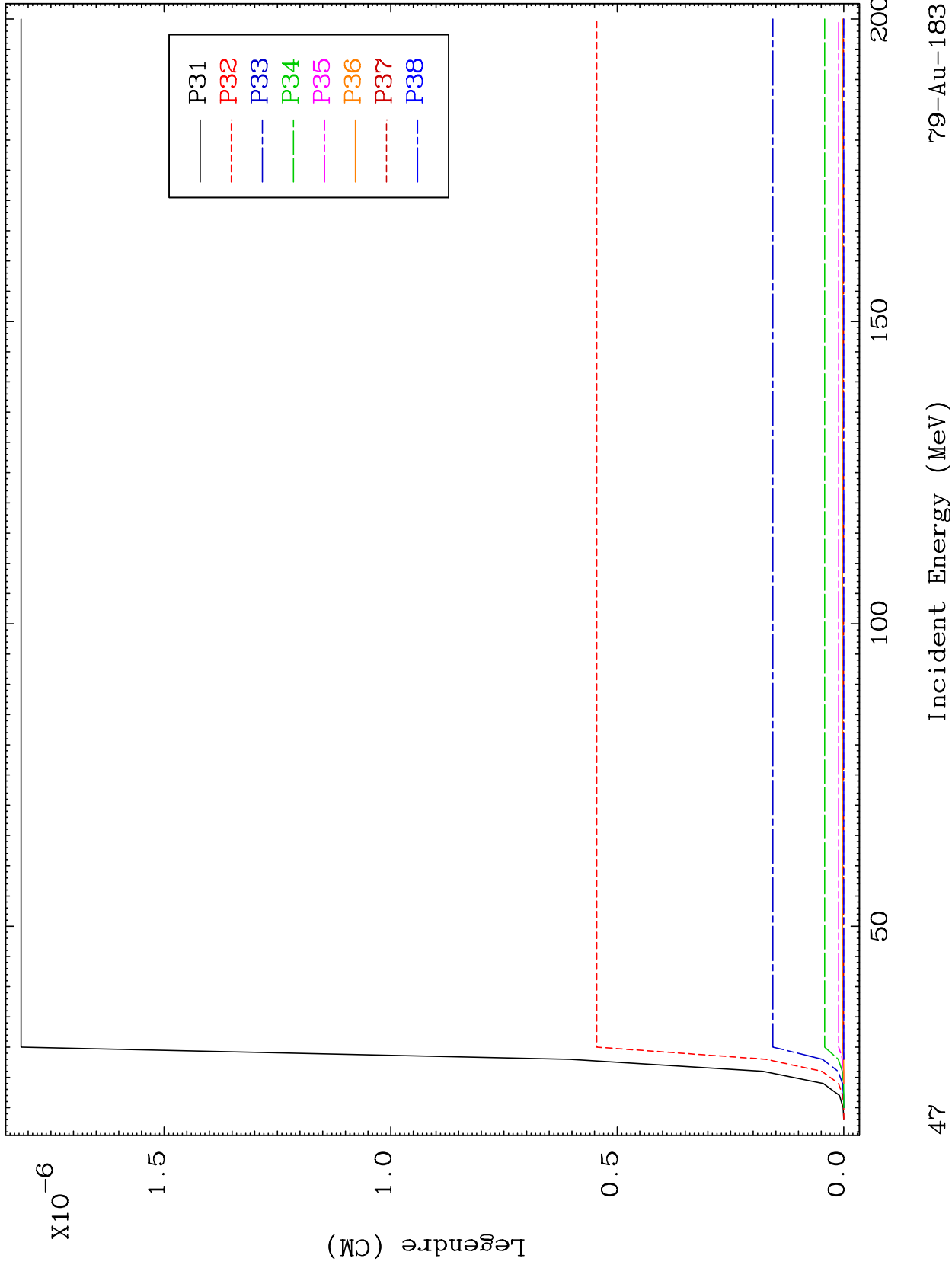
45



MAT 7883

179.1 keV (n,n') Level
Legendre Coefficients

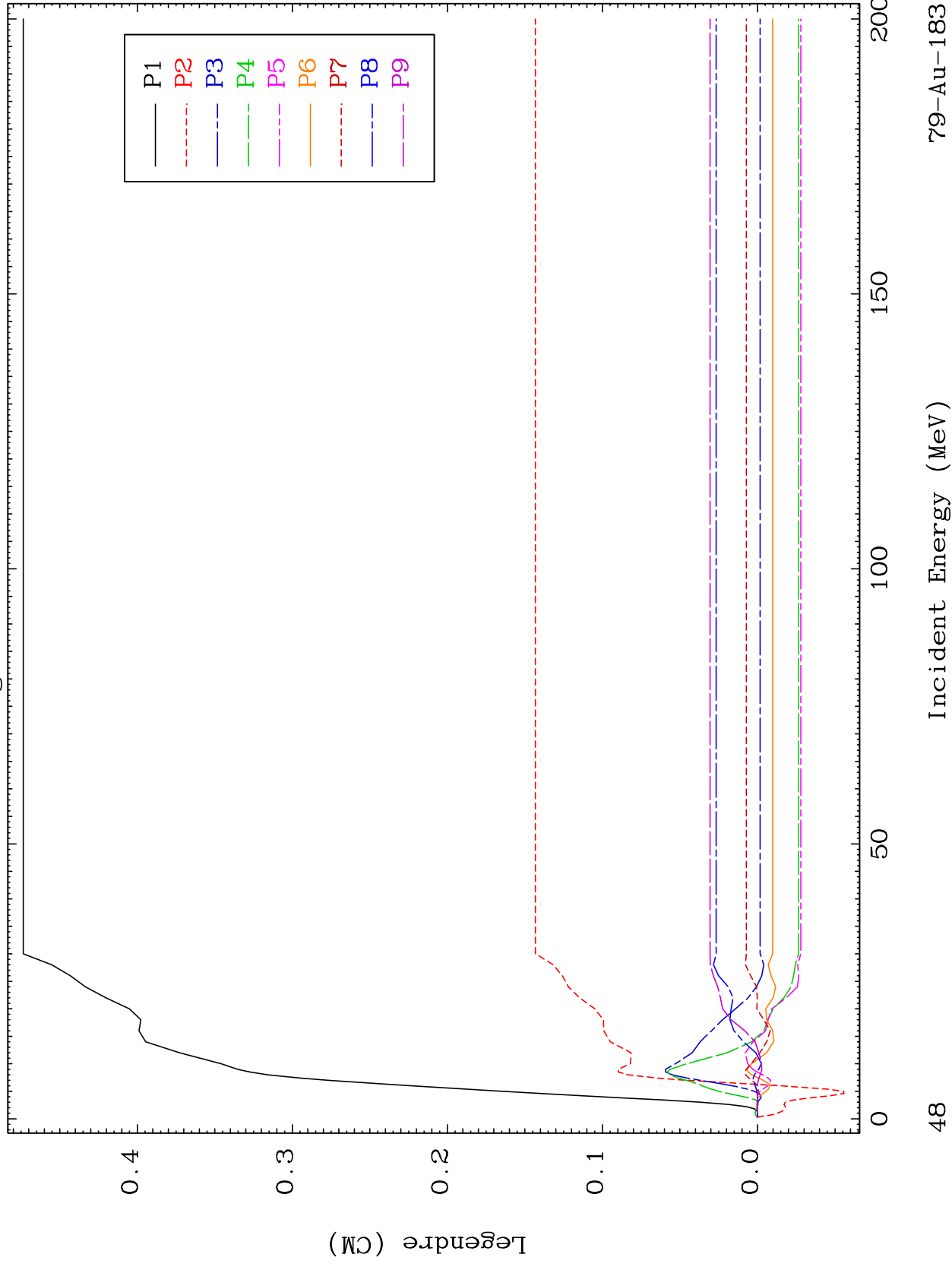
79-Au-183



MAT 7883

230.6 keV (n,n') Level
Legendre Coefficients

79-Au-183



79-Au-183

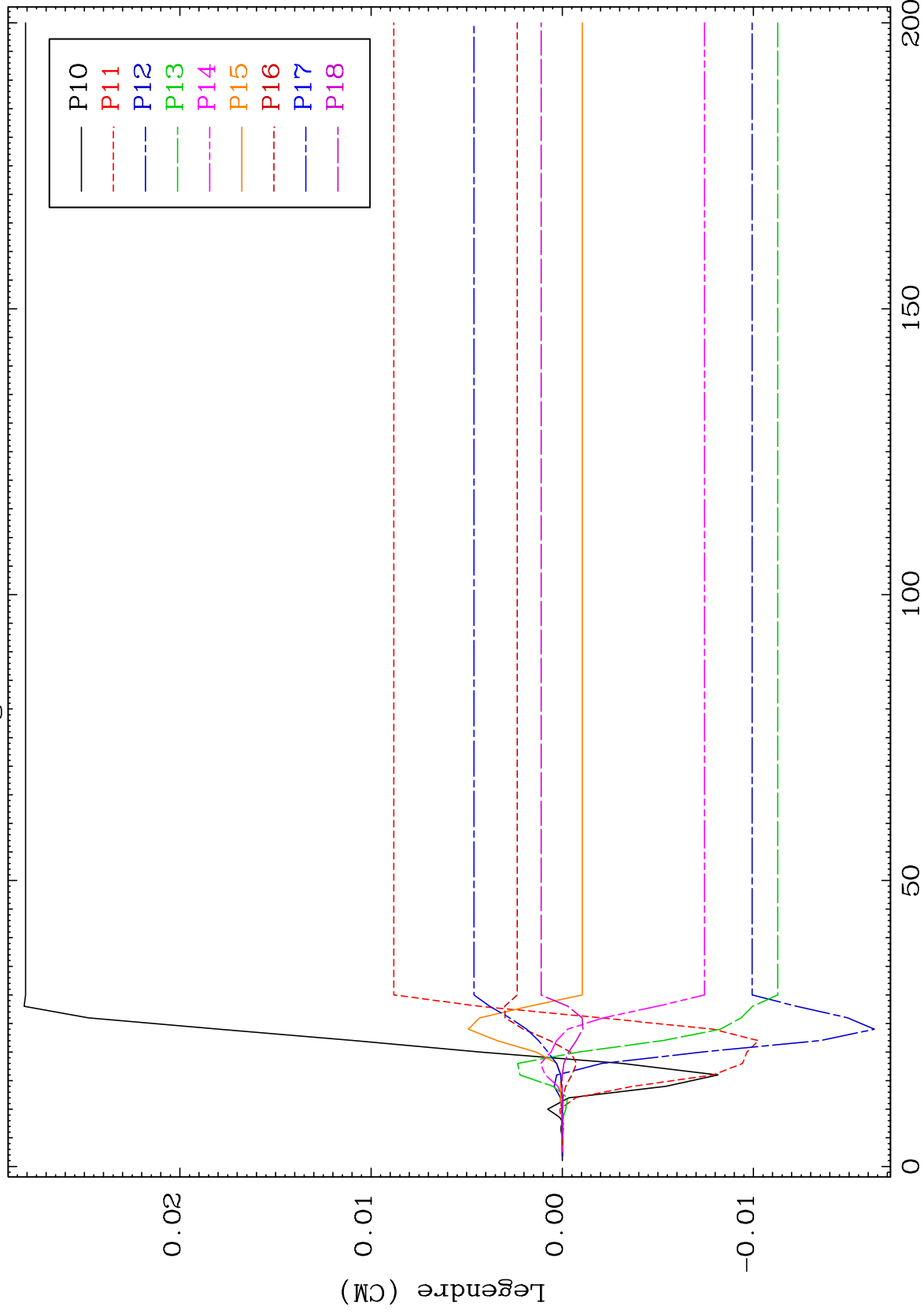
Incident Energy (MeV)

48

MAT 7883

230.6 keV (n,n') Level
Legendre Coefficients

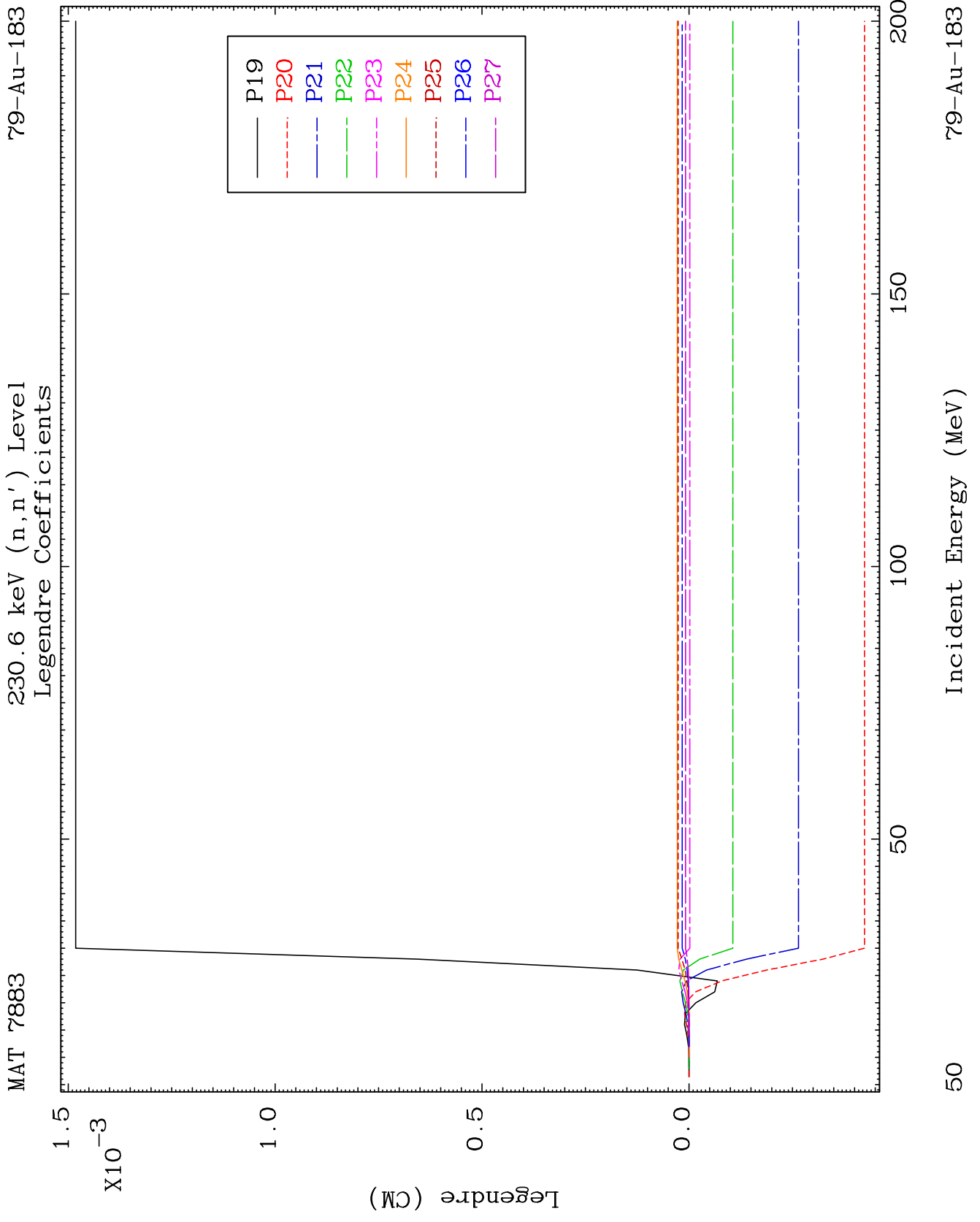
79-Au-183



49

Incident Energy (MeV)

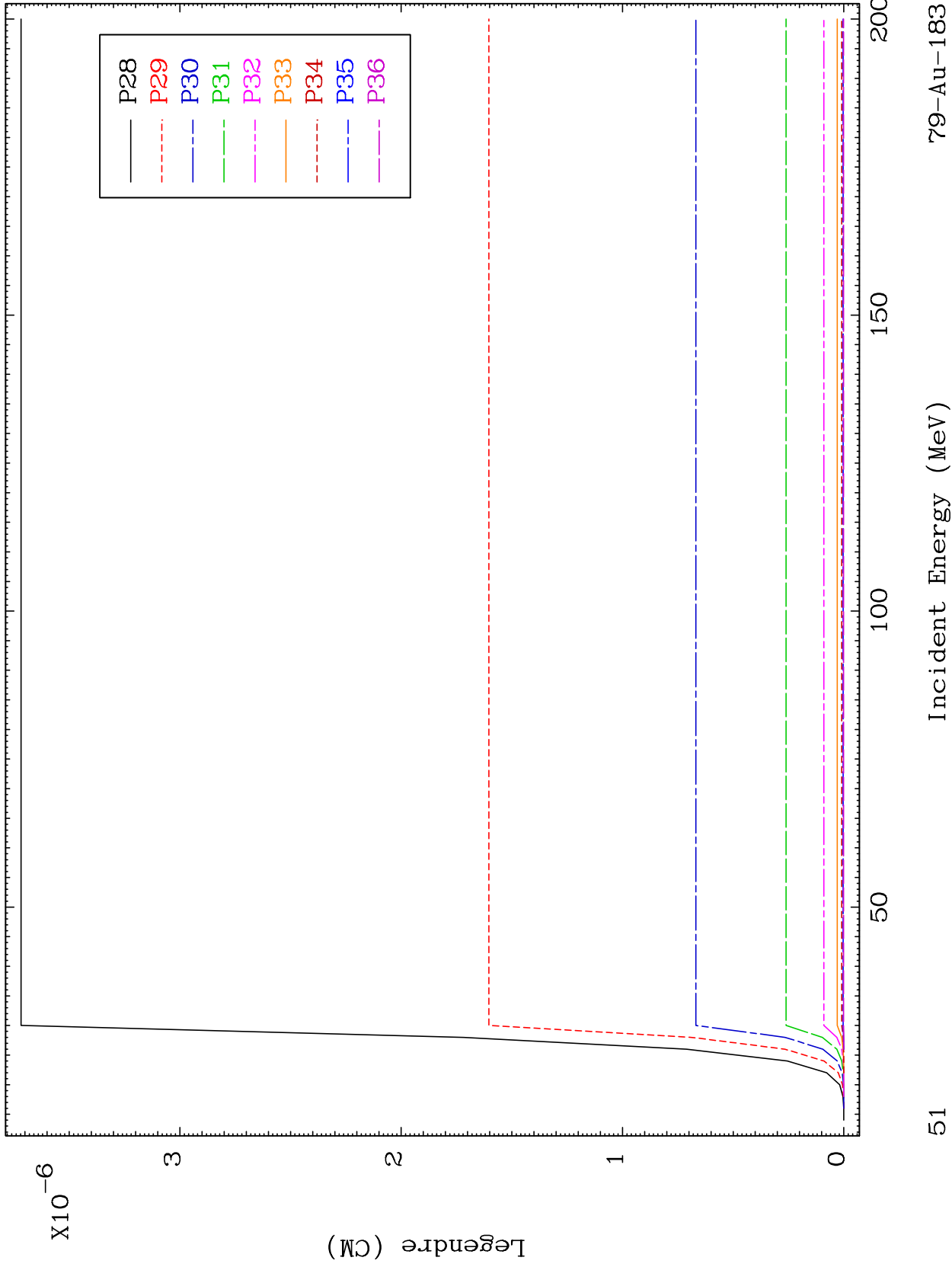
79-Au-183



MAT 7883

230.6 keV (n,n') Level
Legendre Coefficients

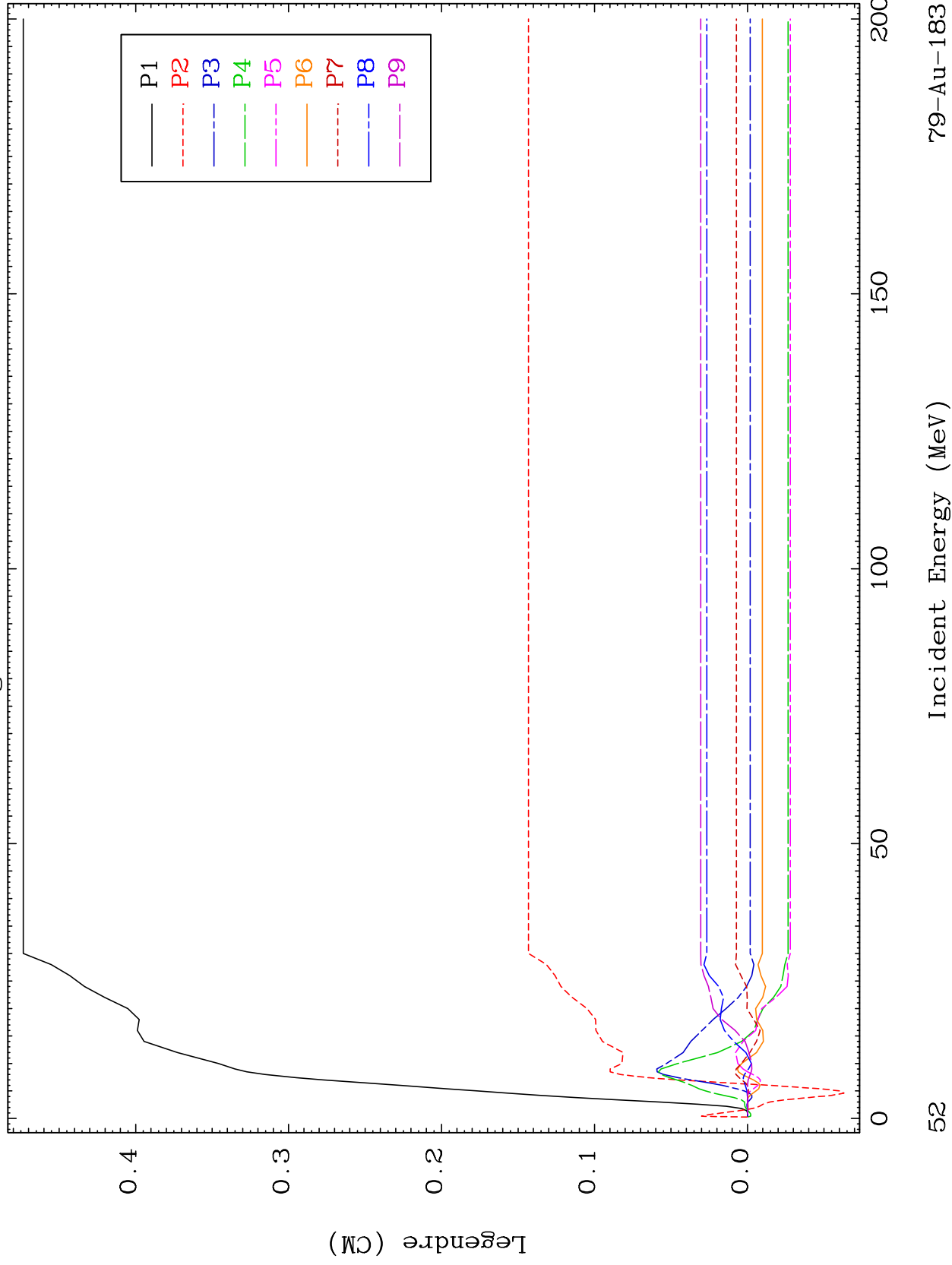
79-Au-183



51

Incident Energy (MeV)

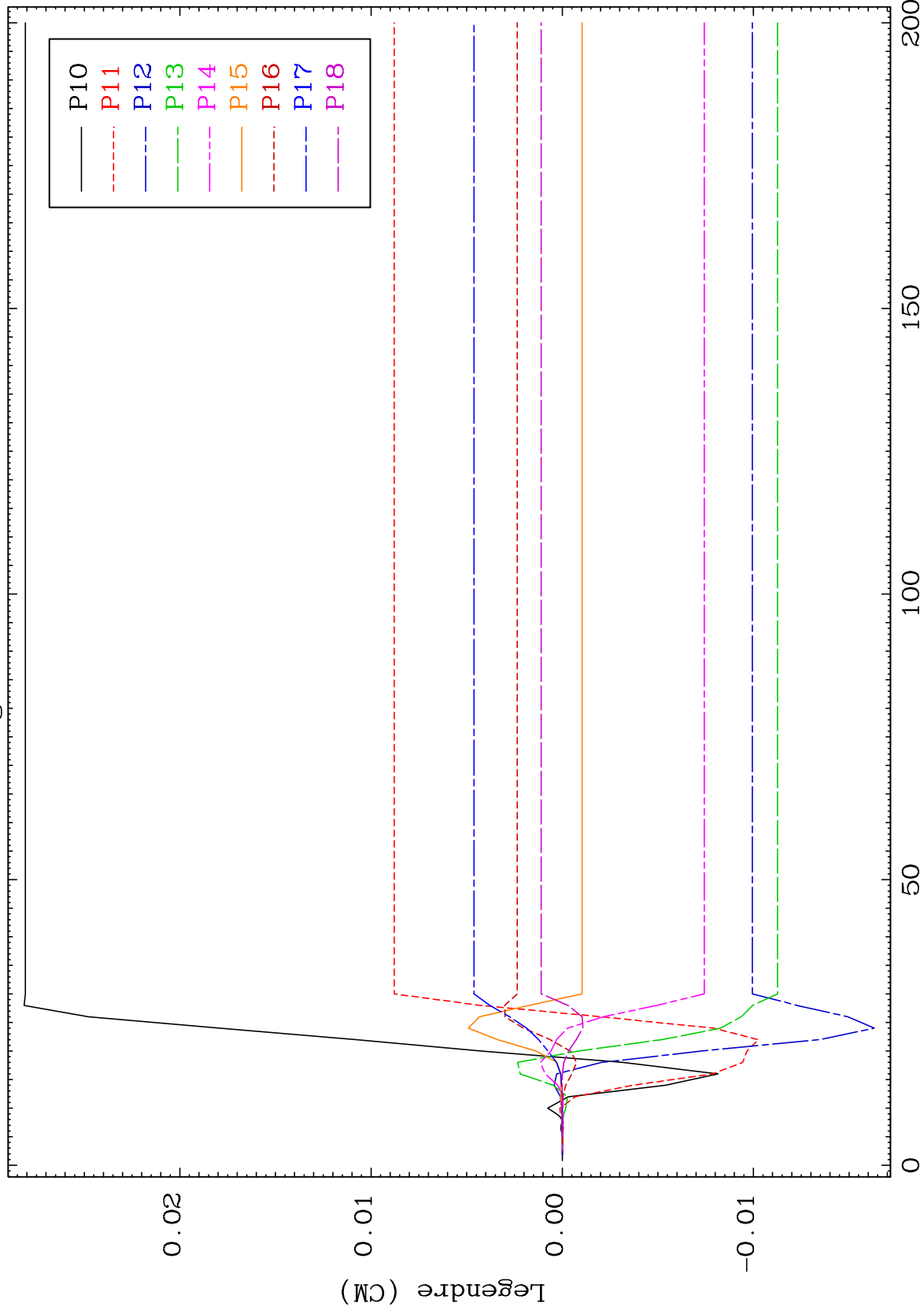
79-Au-183



MAT 7883

247.4 keV (n,n') Level
Legendre Coefficients

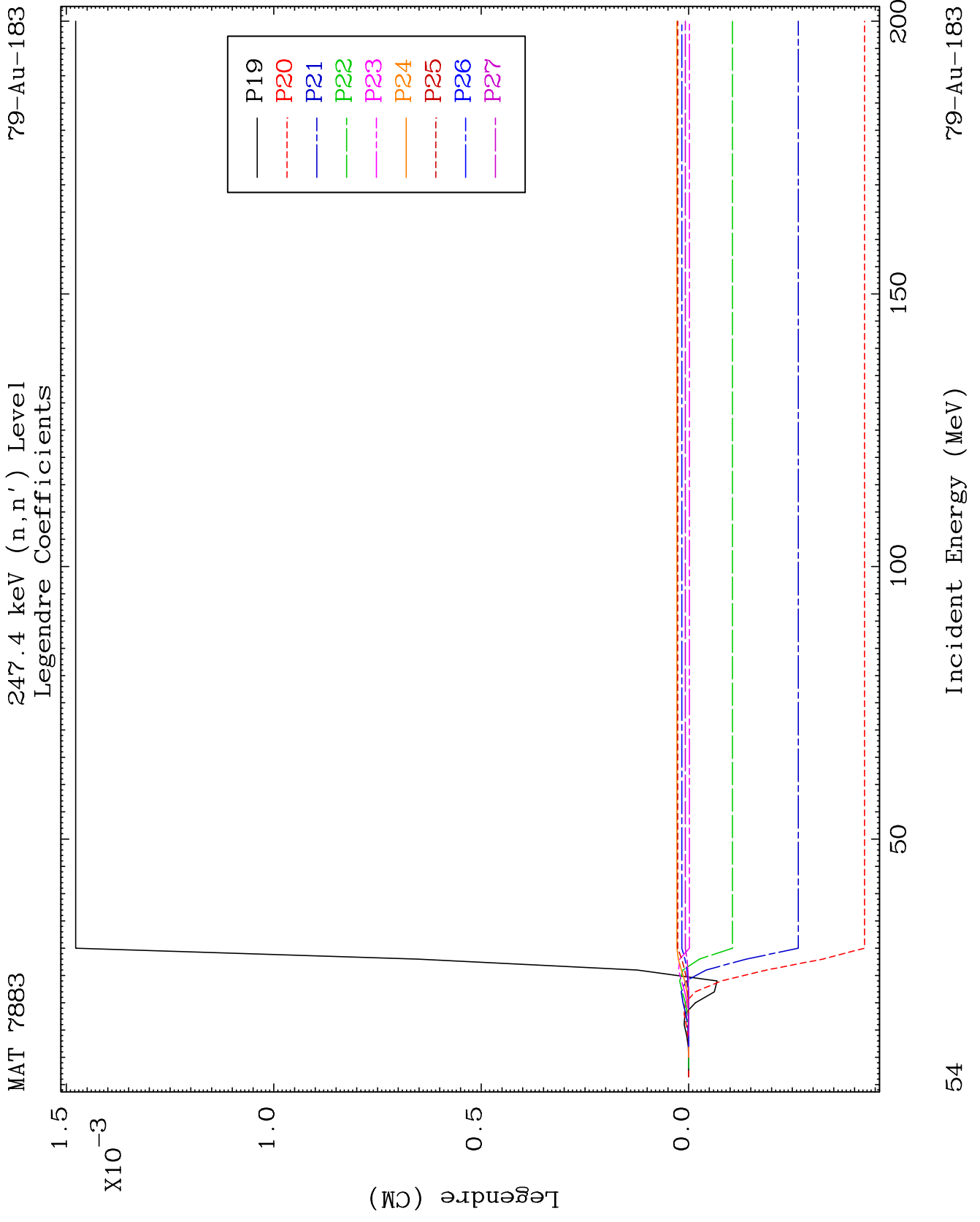
79-Au-183



53

Incident Energy (MeV)

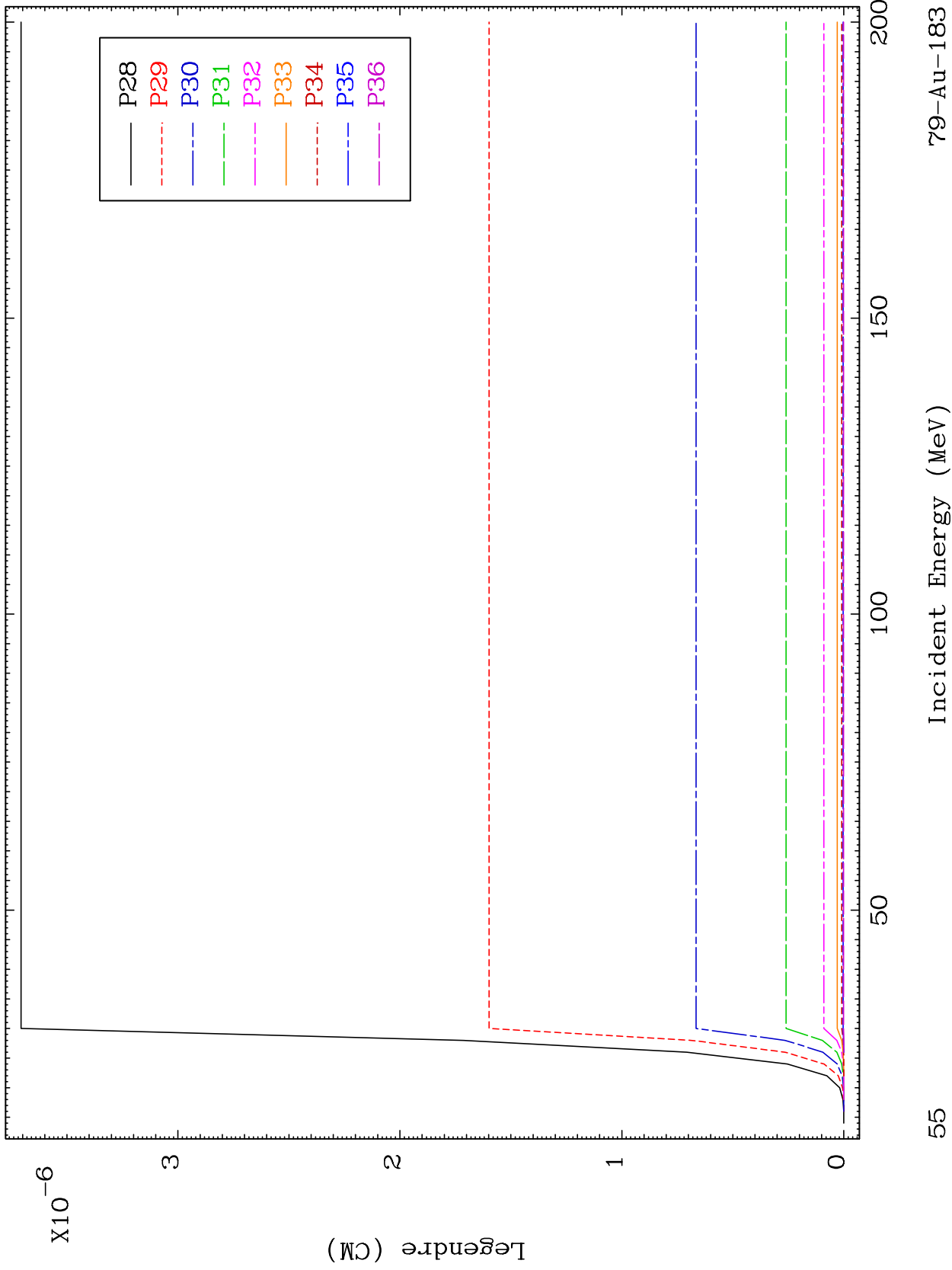
79-Au-183



MAT 7883

247.4 keV (n,n') Level
Legendre Coefficients

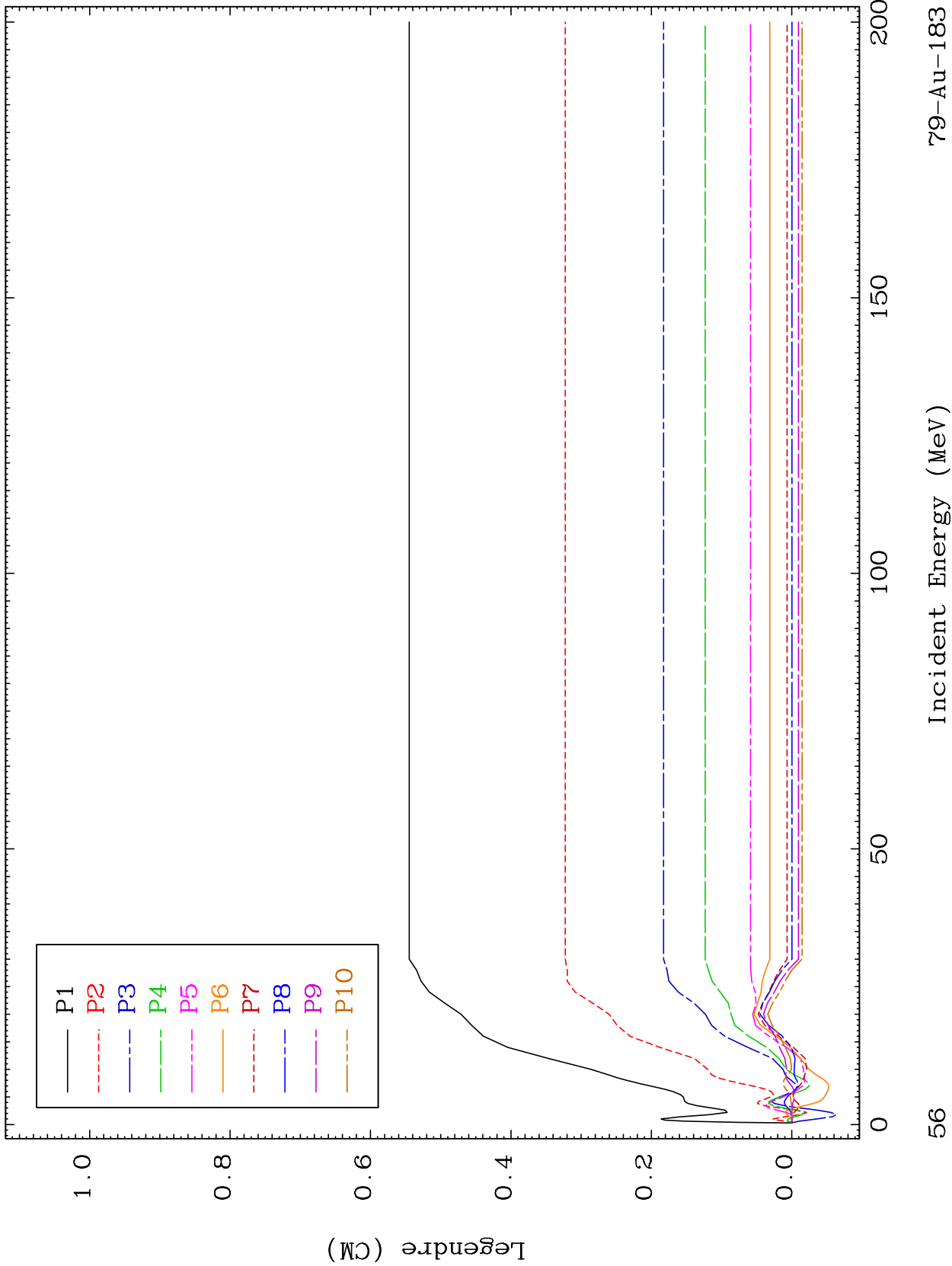
79-Au-183



MAT 7883

263.5 keV (n, n') Level
Legendre Coefficients

79-Au-183



56

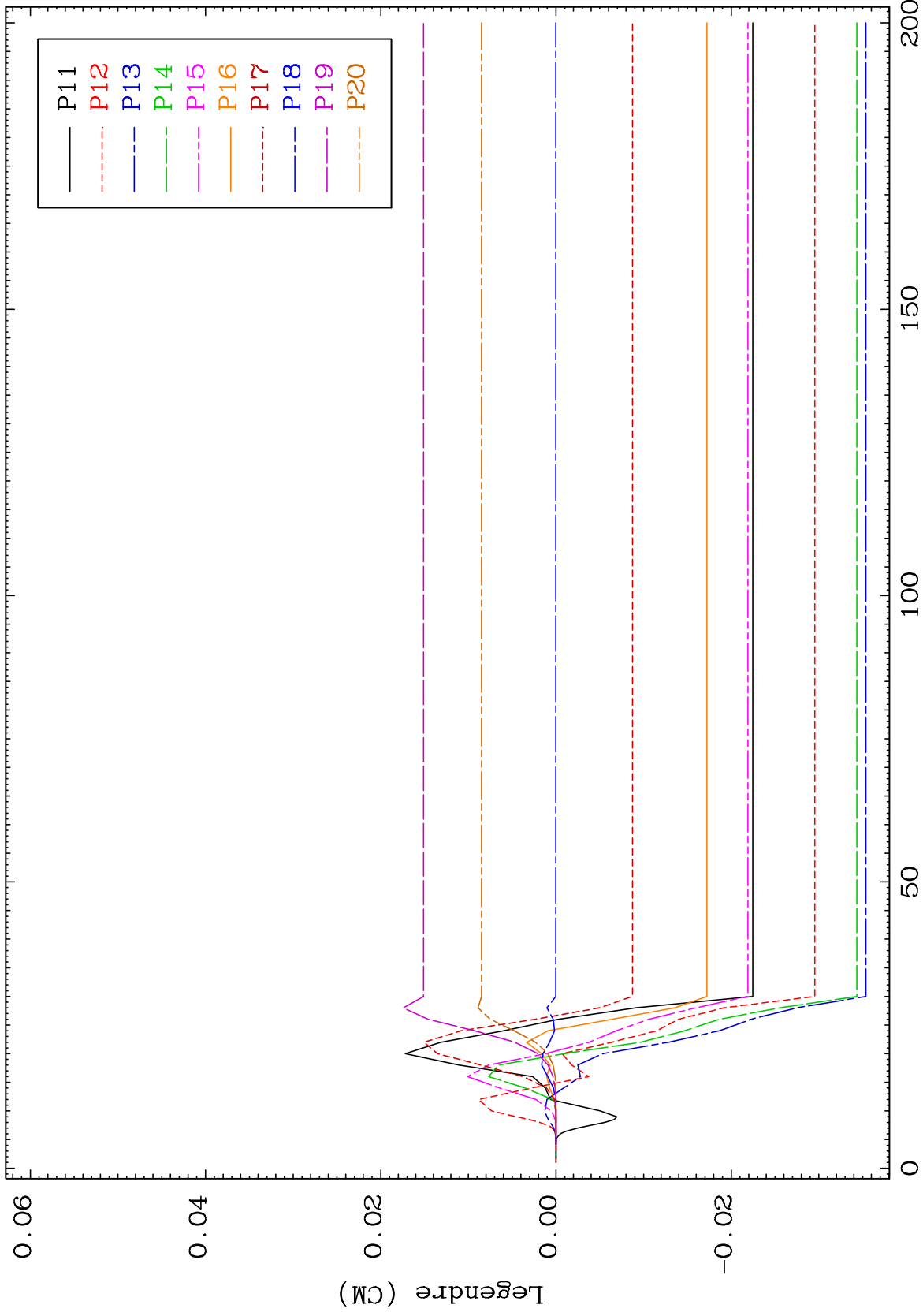
Incident Energy (MeV)

79-Au-183

MAT 7883

263.5 keV (n,n') Level
Legendre Coefficients

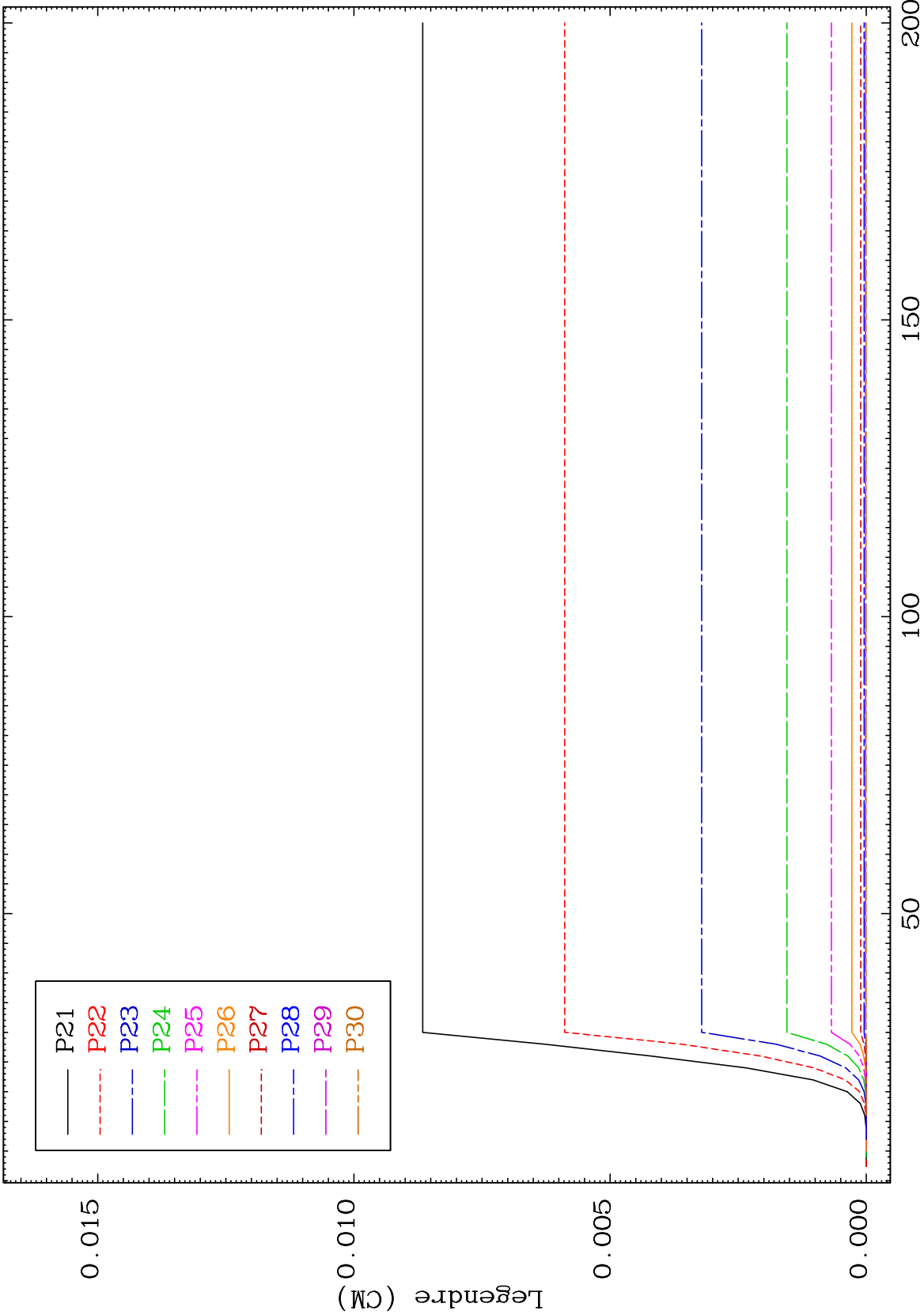
79-Au-183



57

Incident Energy (MeV)

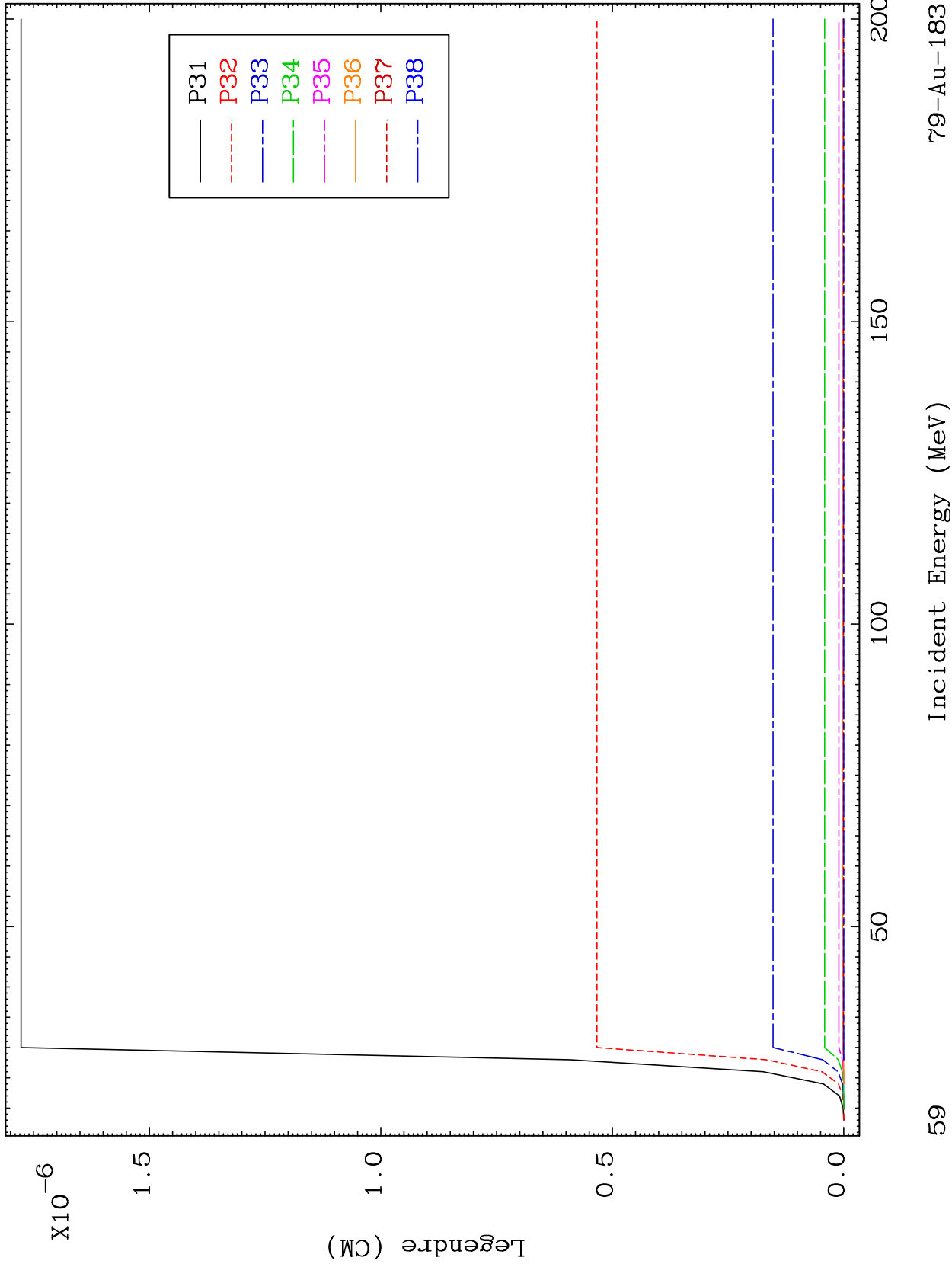
79-Au-183



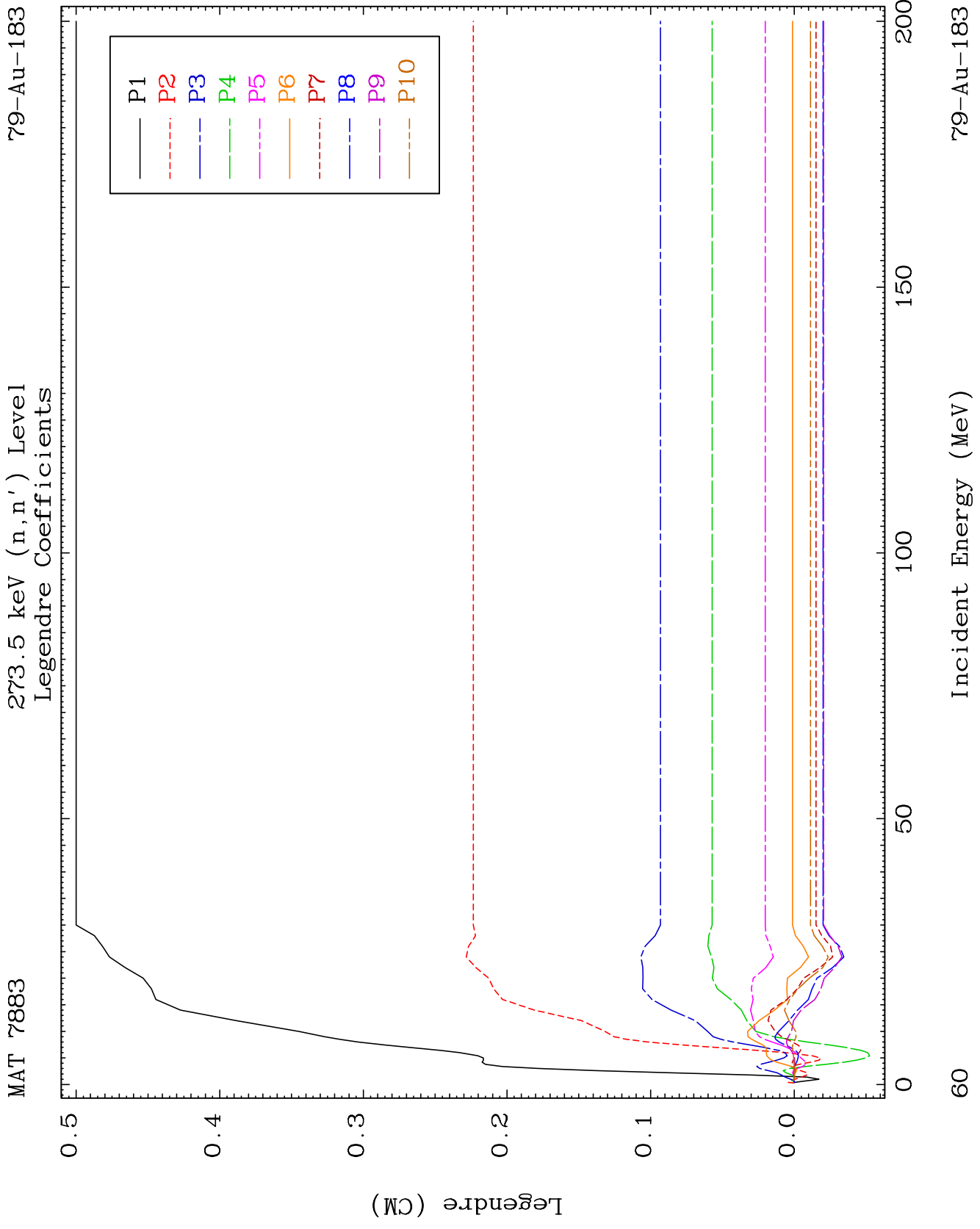
MAT 7883

263.5 keV (n,n') Level
Legendre Coefficients

79-Au-183



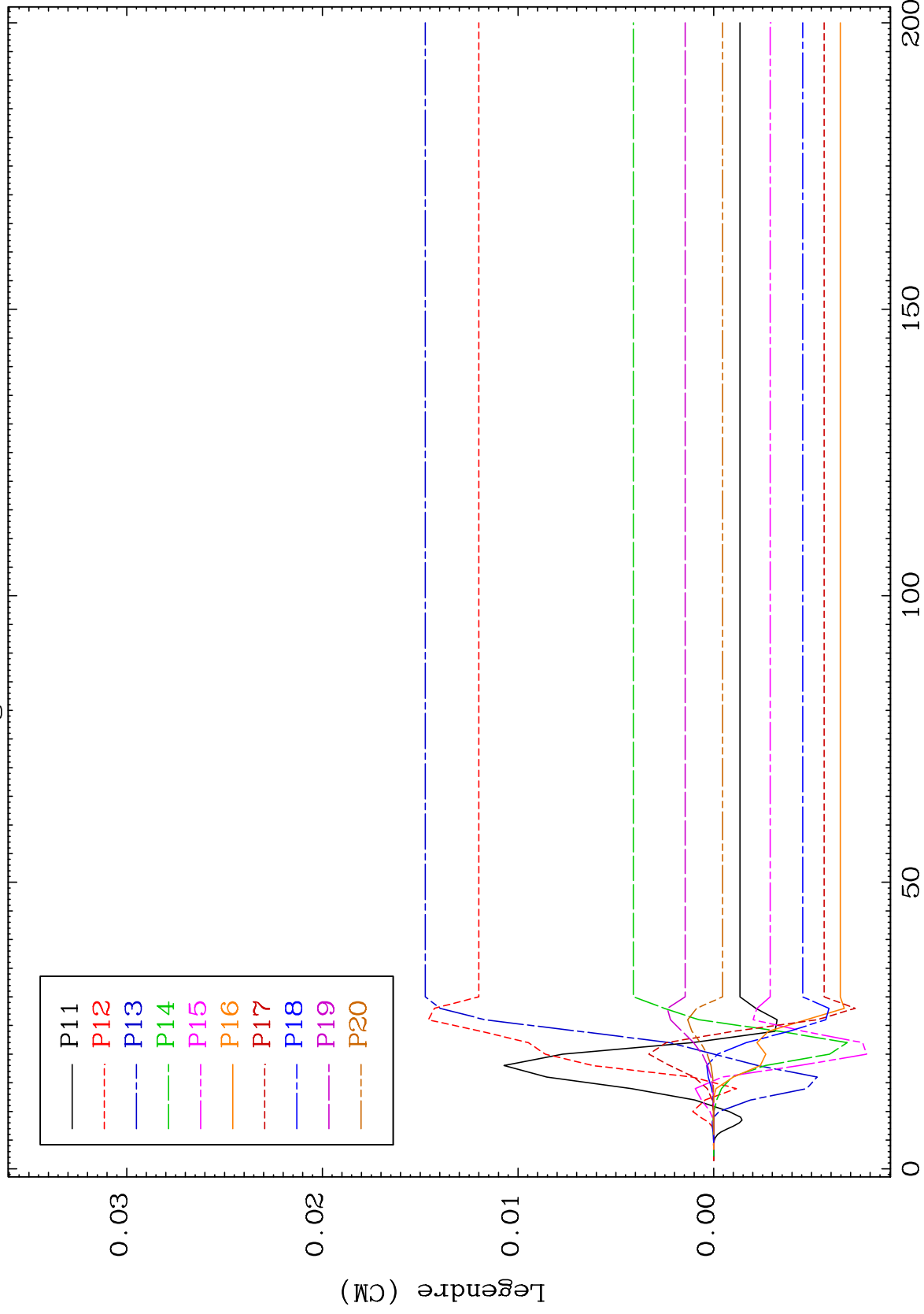
59



MAT 7883

273.5 keV (n,n') Level
Legendre Coefficients

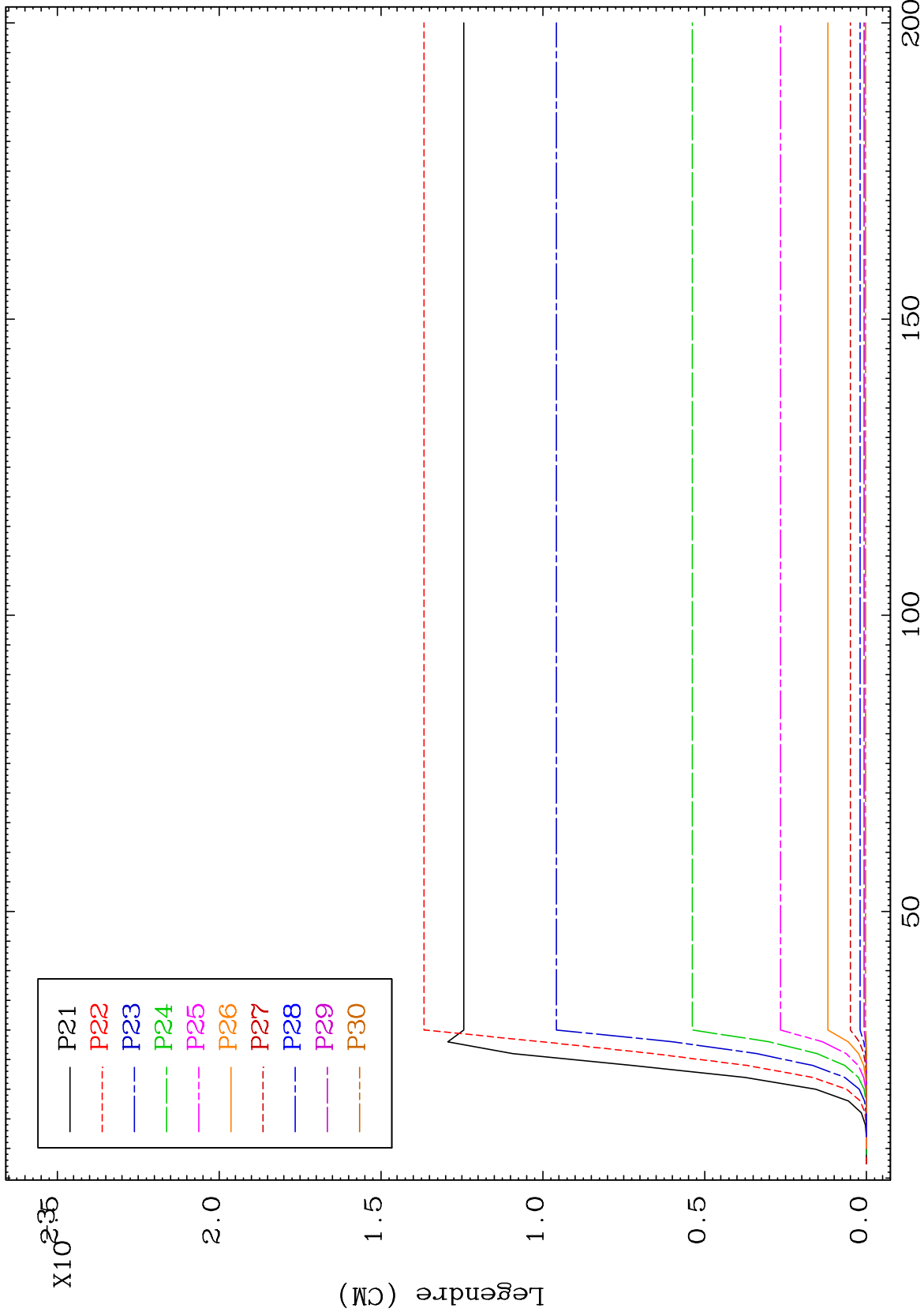
79-Au-183



61

Incident Energy (MeV)

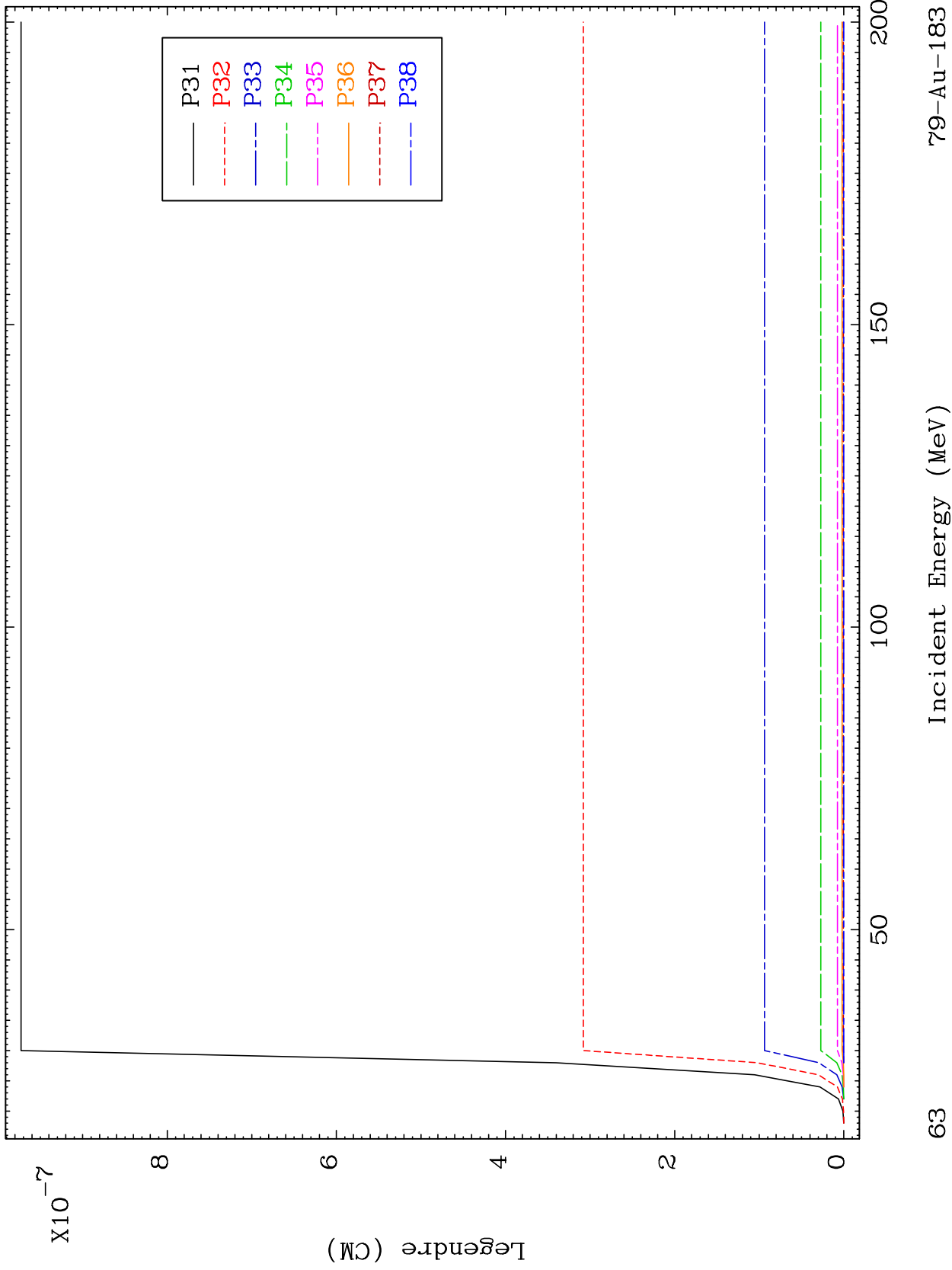
79-Au-183



MAT 7883

273.5 keV (n,n') Level
Legendre Coefficients

79-Au-183



79-Au-183

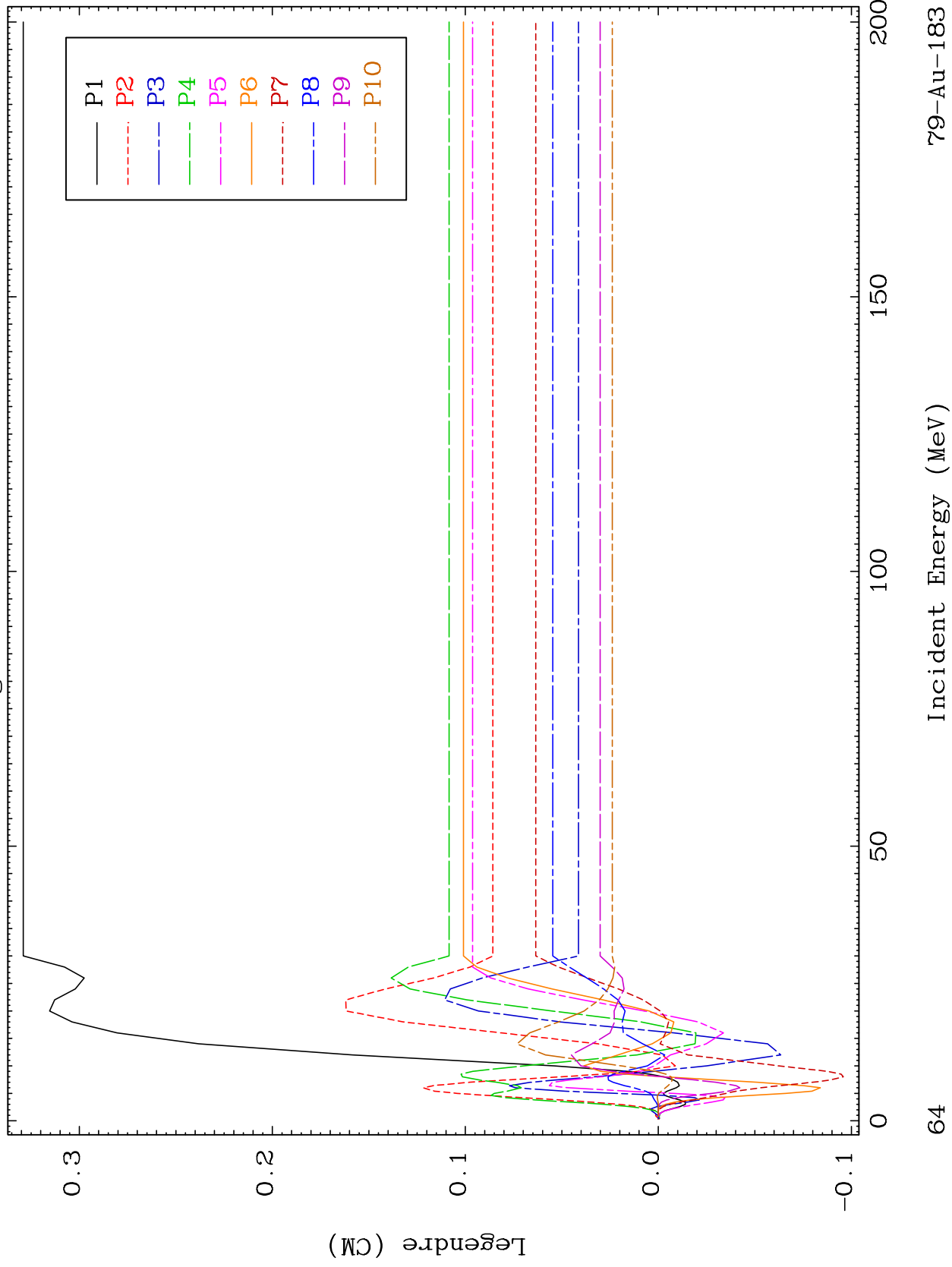
Incident Energy (MeV)

63

MAT 7883

289.4 keV (n,n') Level
Legendre Coefficients

79-Au-183



79-Au-183

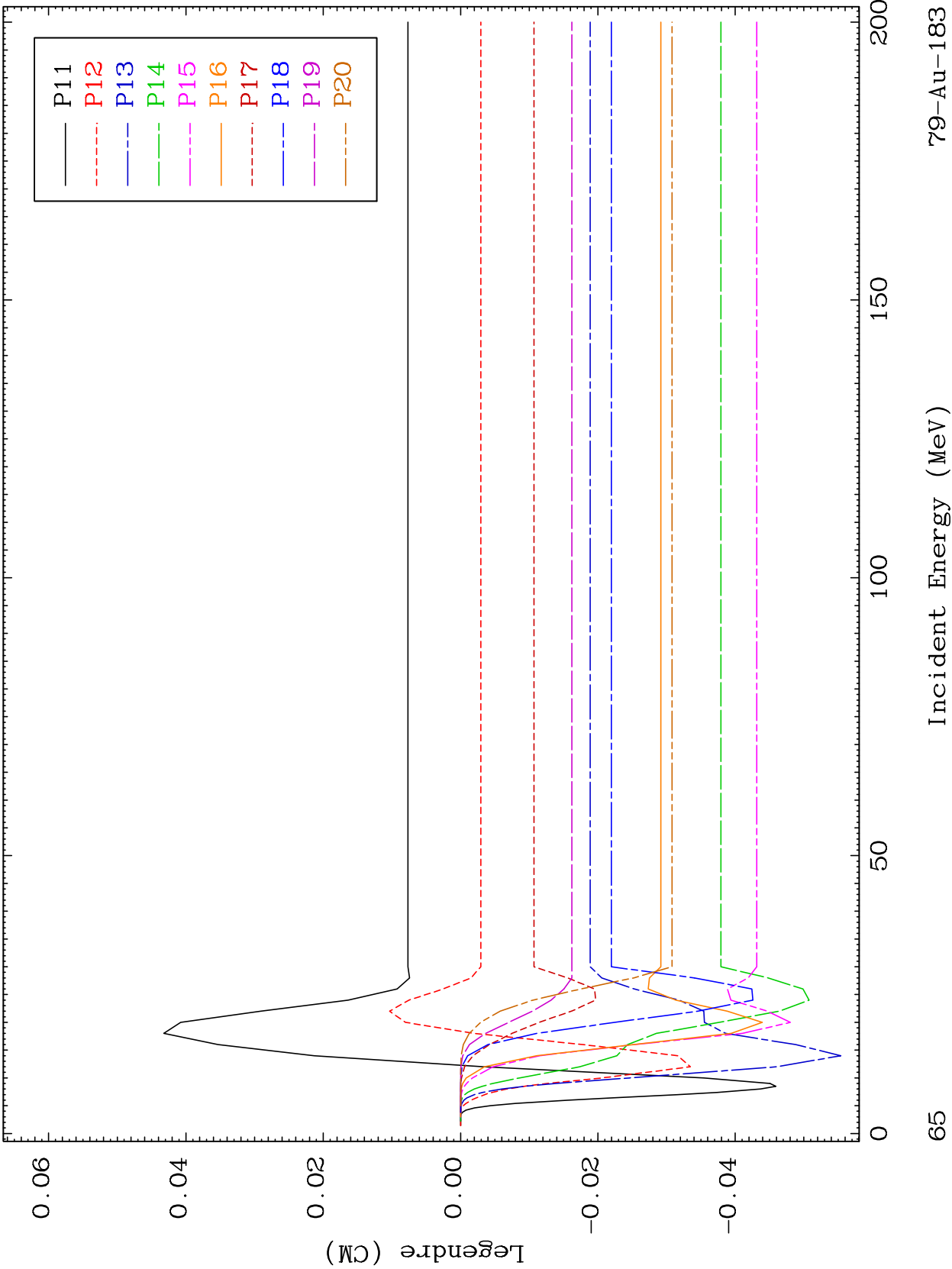
Incident Energy (MeV)

64

MAT 7883

289.4 keV (n,n') Level
Legendre Coefficients

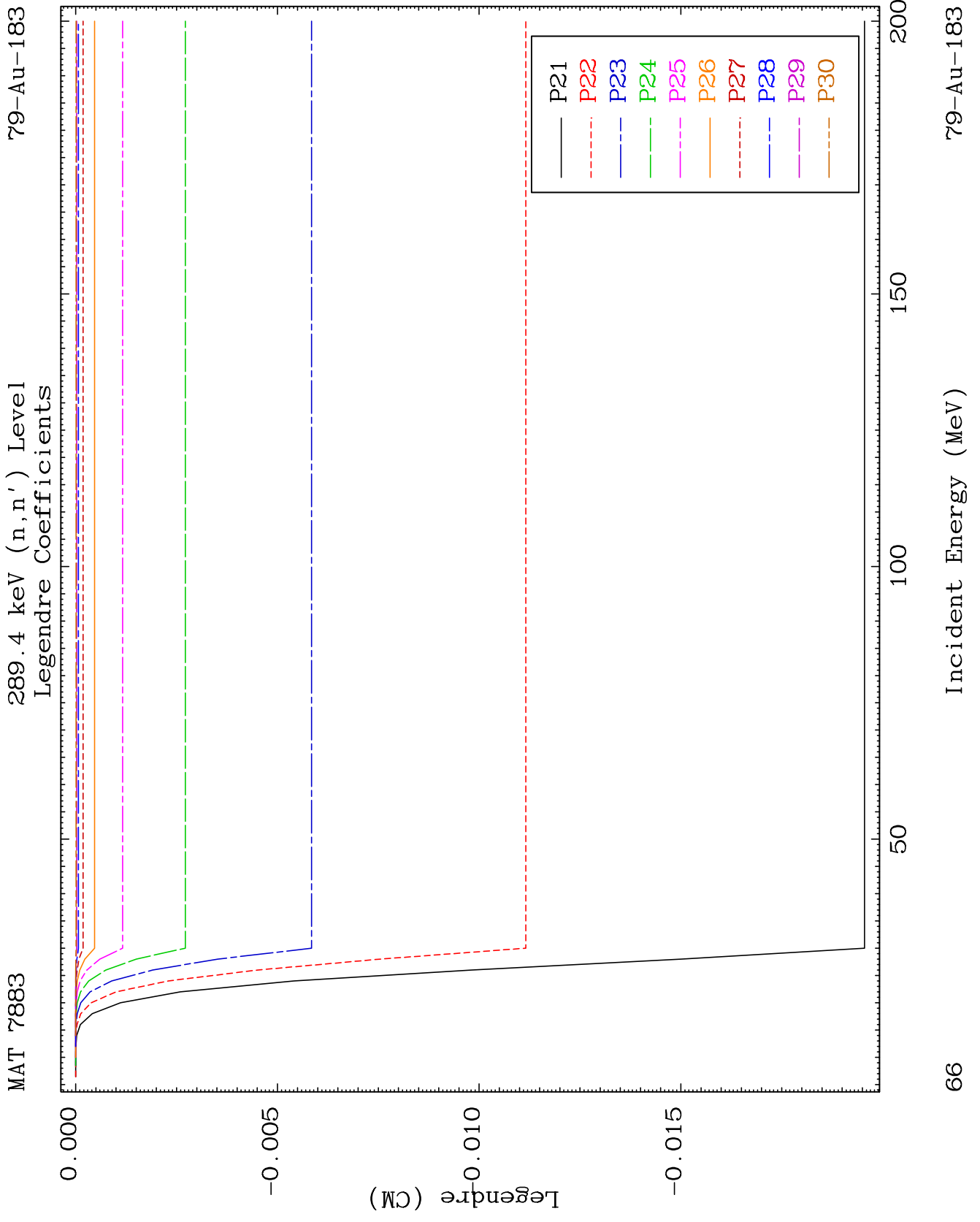
79-Au-183

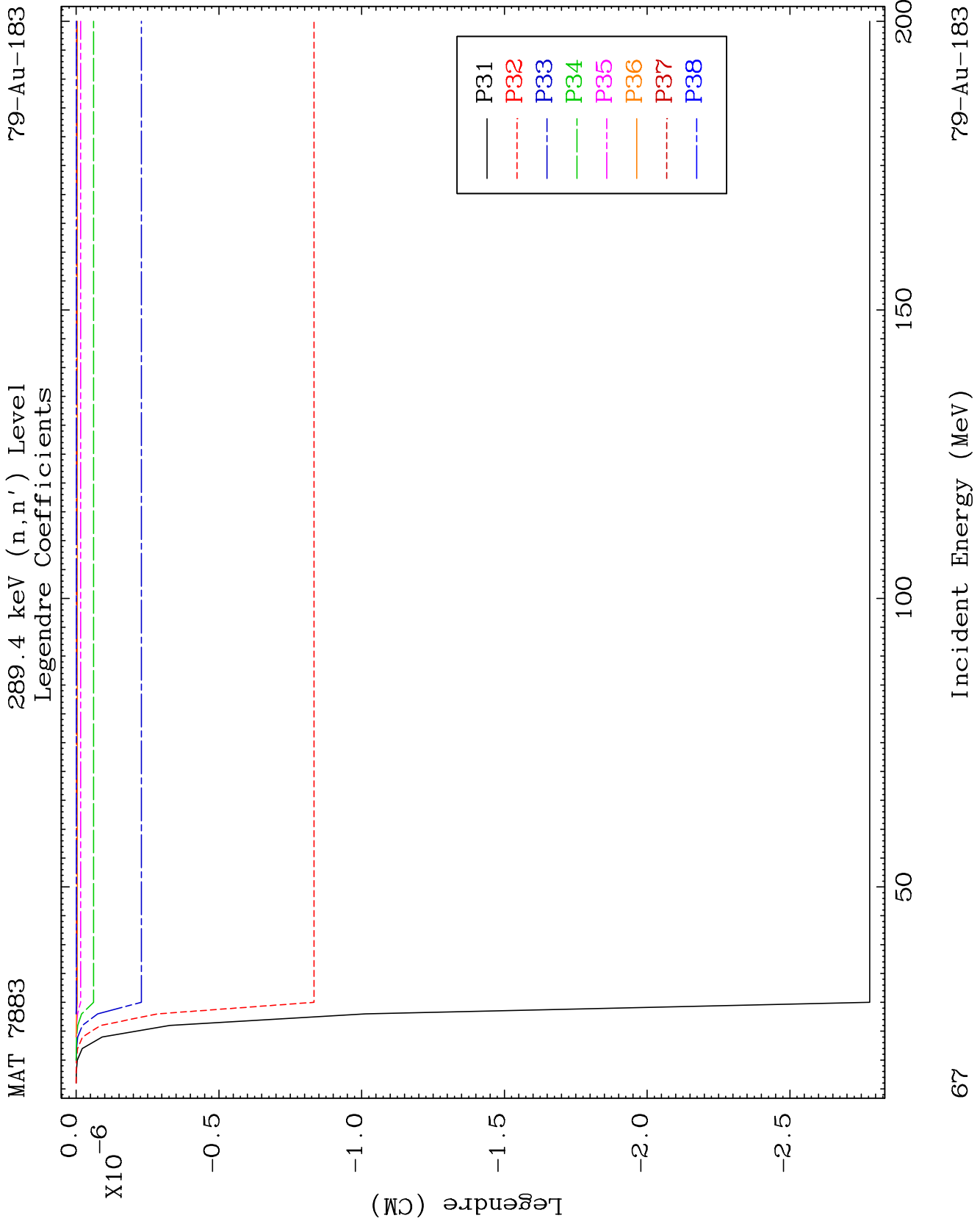


79-Au-183

Incident Energy (MeV)

65

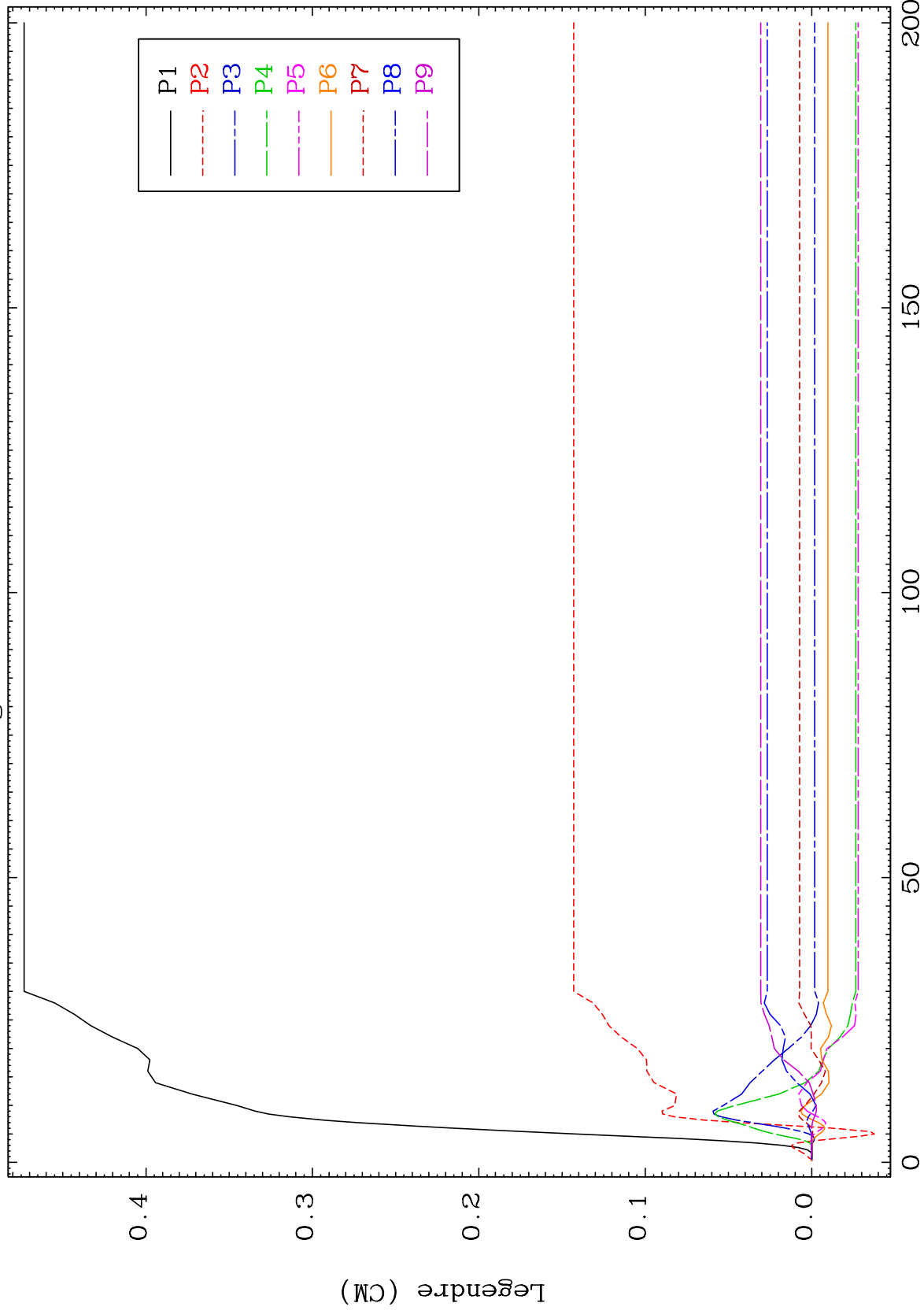




MAT 7883

296.8 keV (n,n') Level
Legendre Coefficients

79-Au-183



68

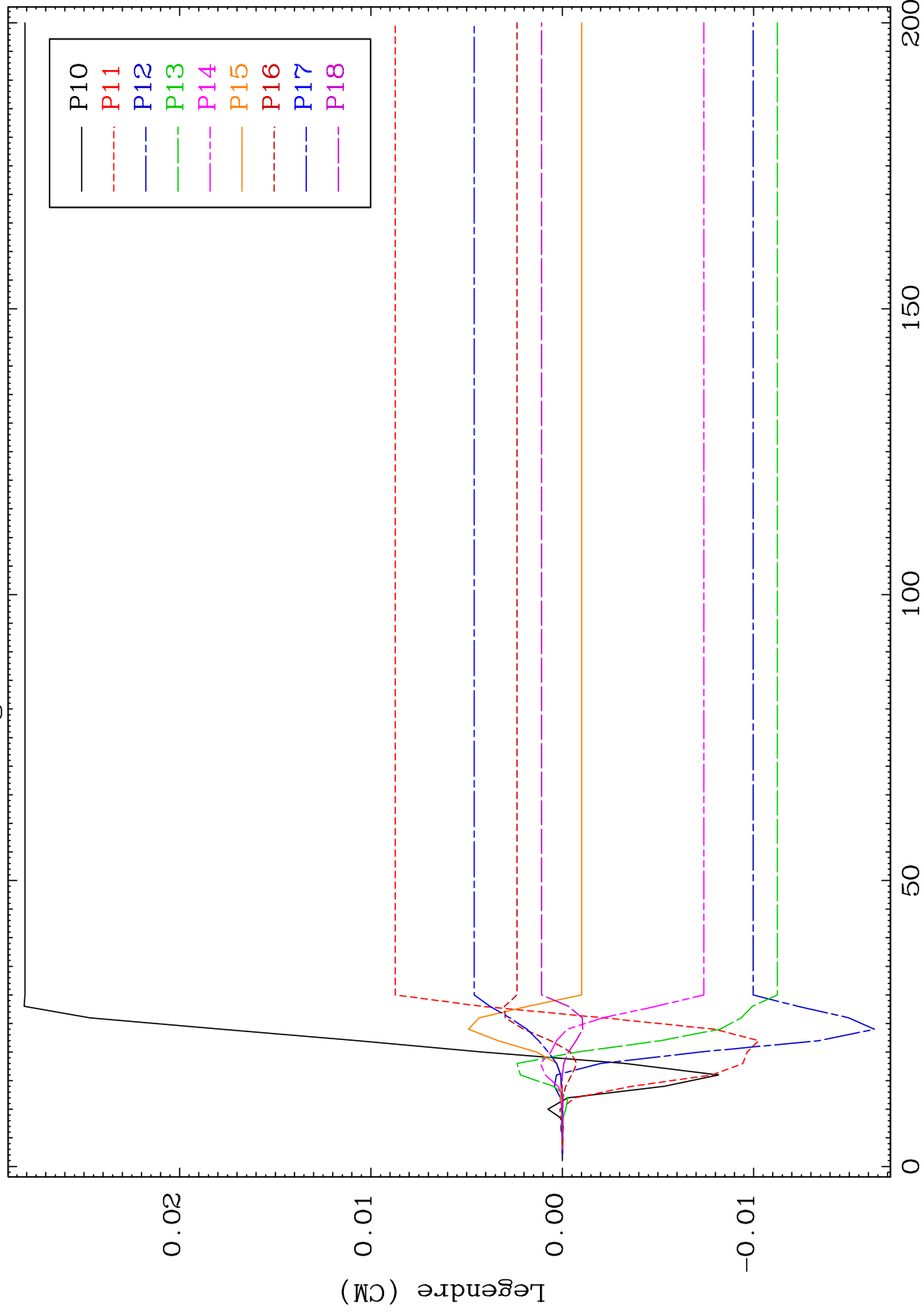
Incident Energy (MeV)

79-Au-183

MAT 7883

296.8 keV (n,n') Level
Legendre Coefficients

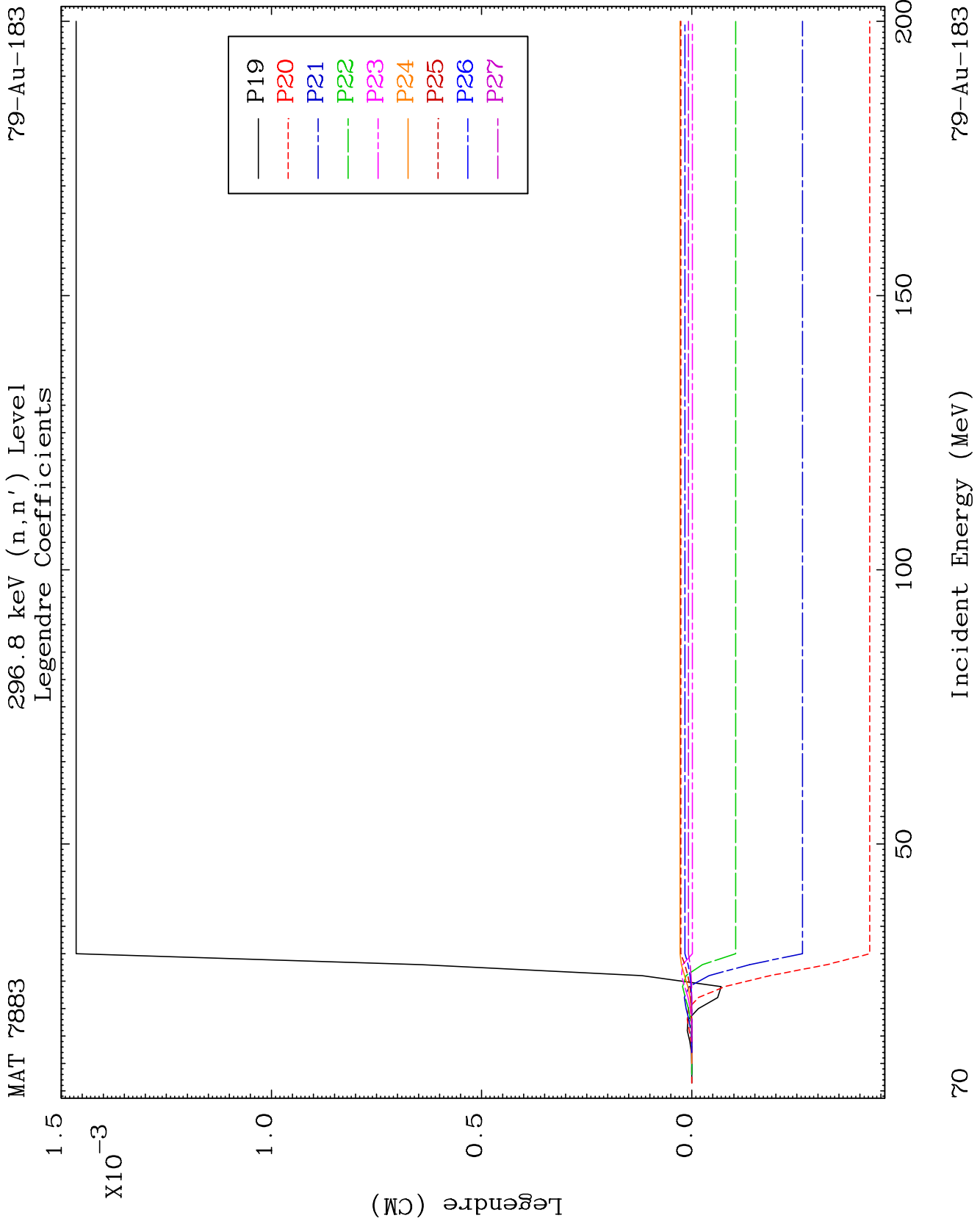
79-Au-183



69

Incident Energy (MeV)

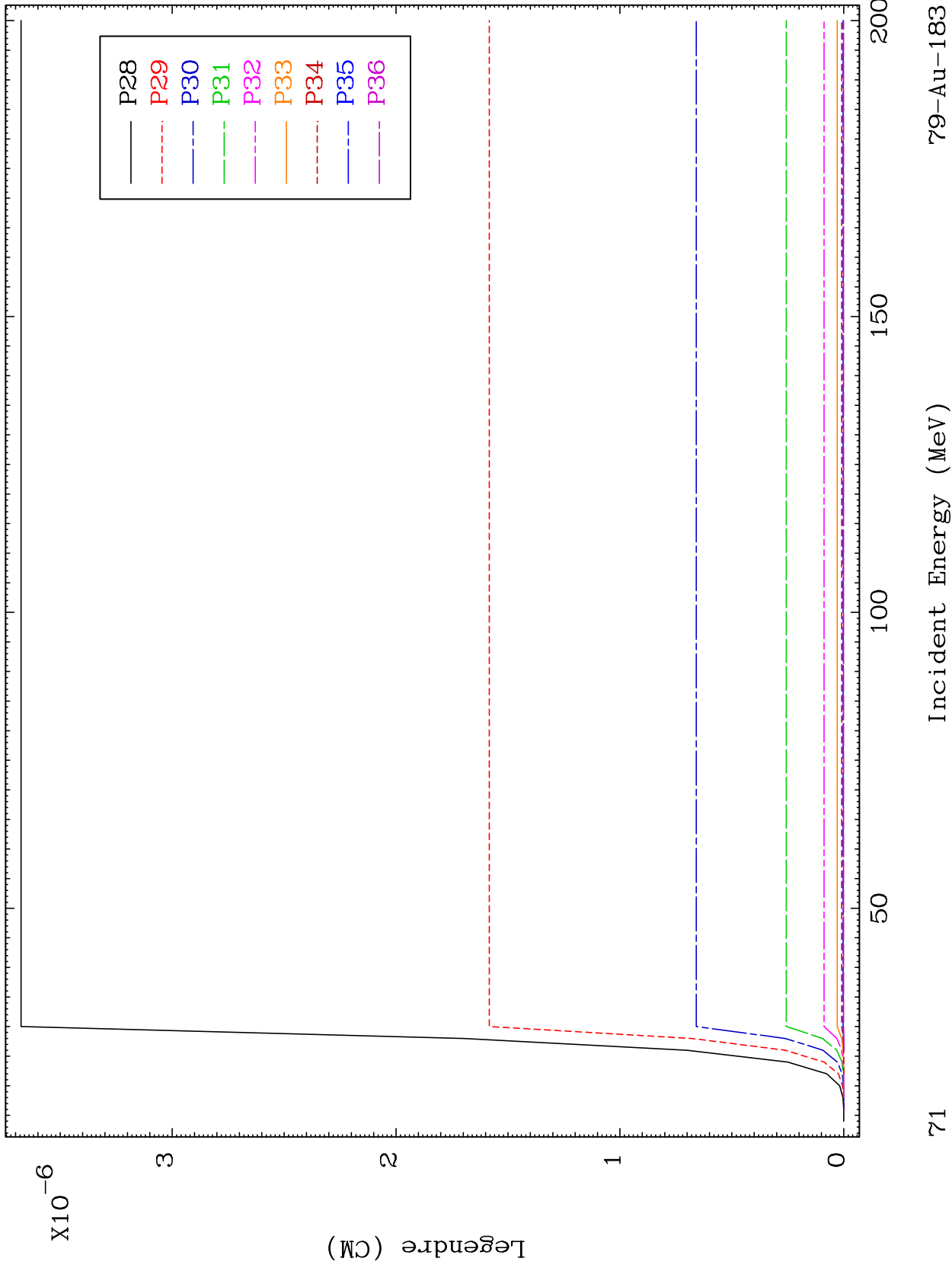
79-Au-183



MAT 7883

296.8 keV (n,n') Level
Legendre Coefficients

79-Au-183



71

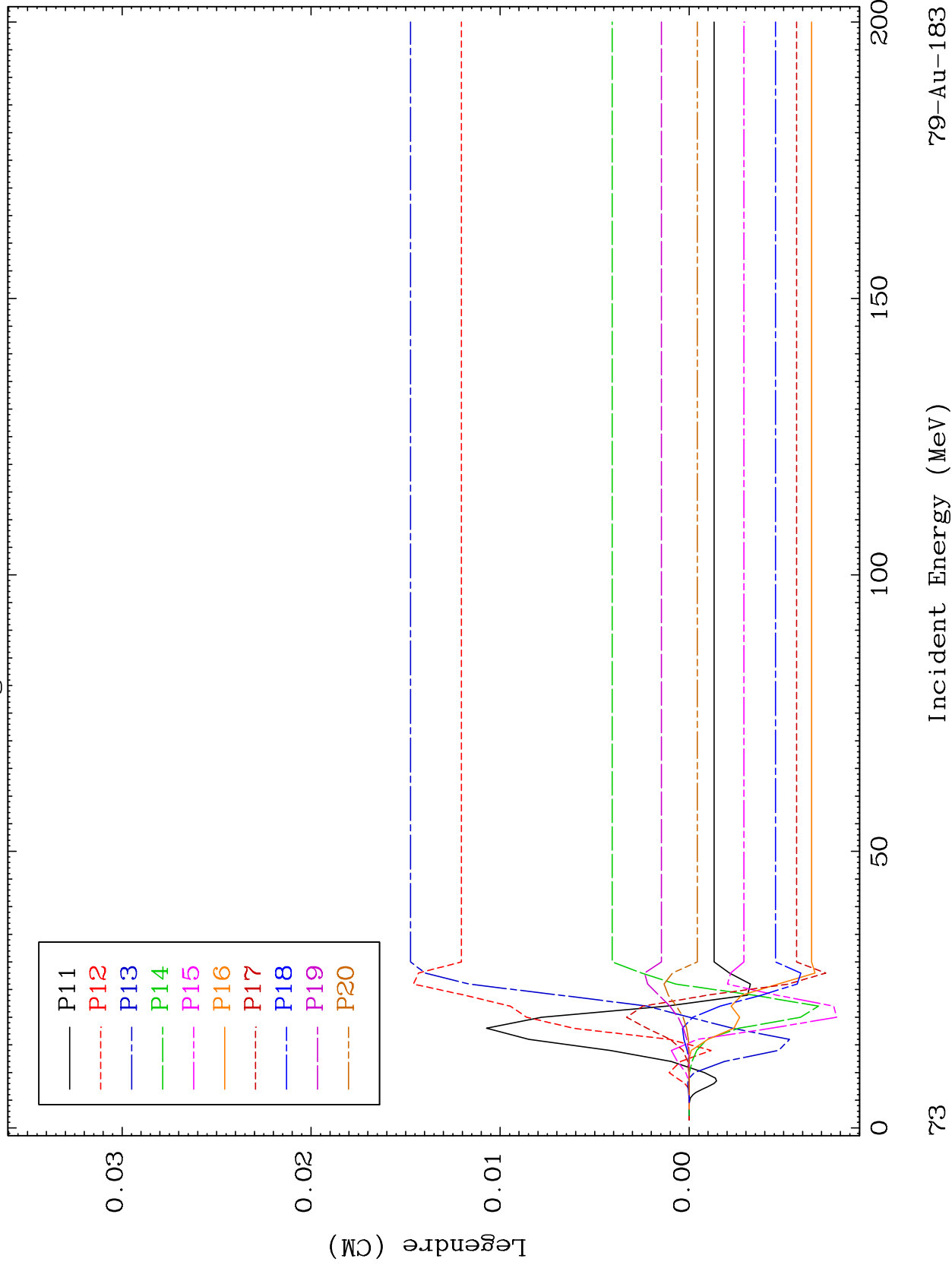
Incident Energy (MeV)

79-Au-183

MAT 7883

317.9 keV (n, n') Level
Legendre Coefficients

79-Au-183



73

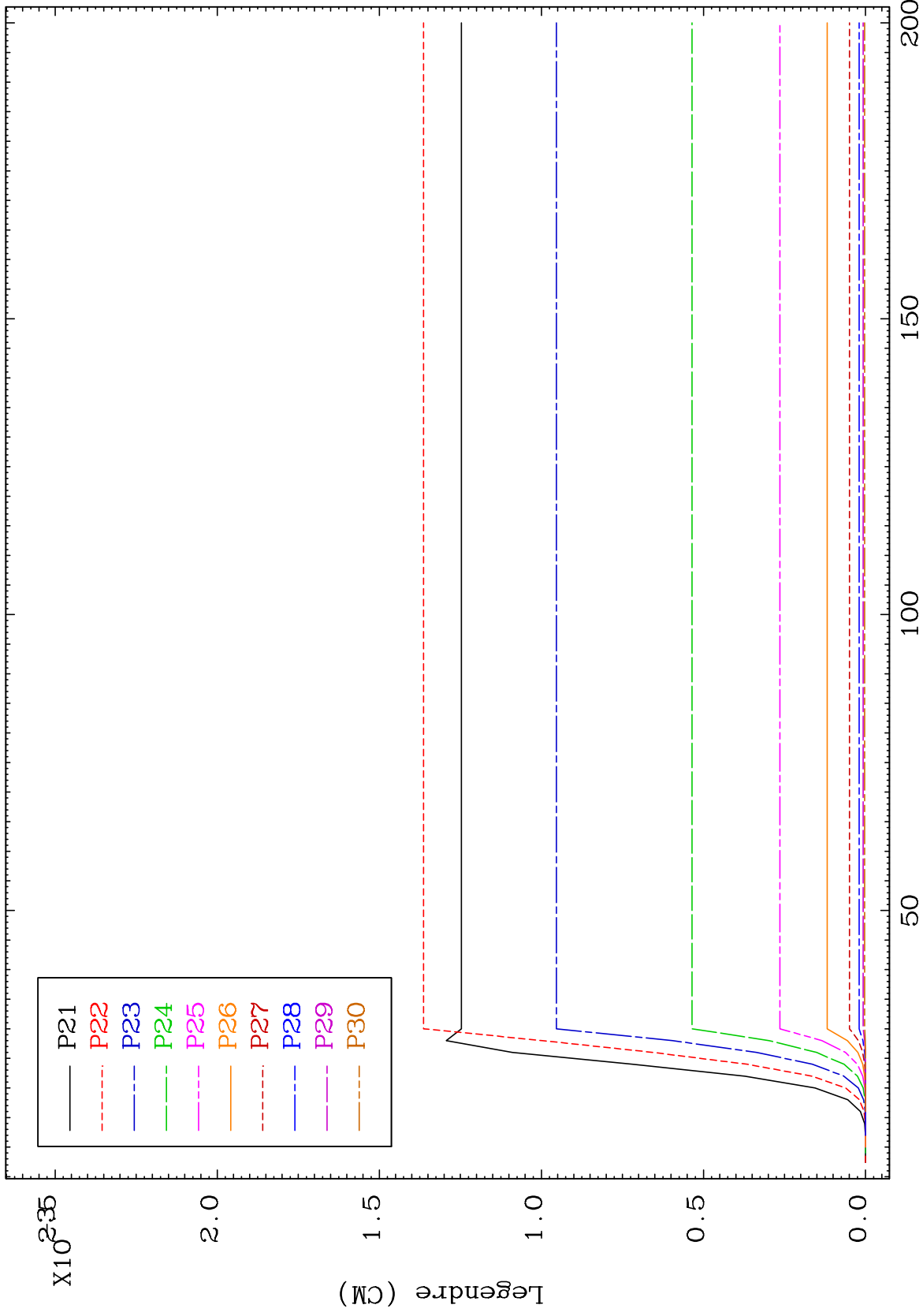
Incident Energy (MeV)

79-Au-183

MAT 7883

317.9 keV (n, n') Level Legendre Coefficients

79-Au-183



74

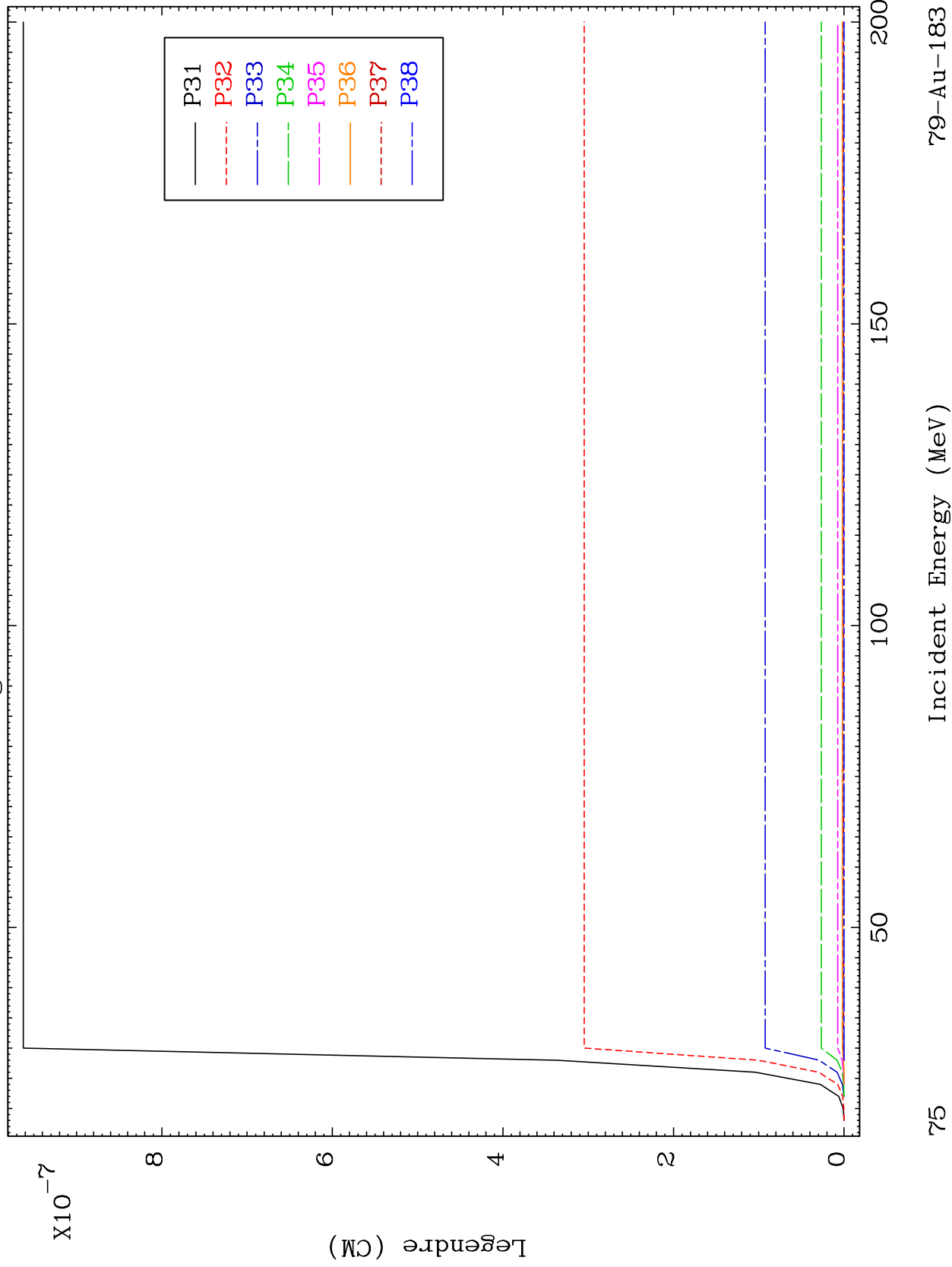
Incident Energy (MeV)

79-Au-183

MAT 7883

317.9 keV (n,n') Level
Legendre Coefficients

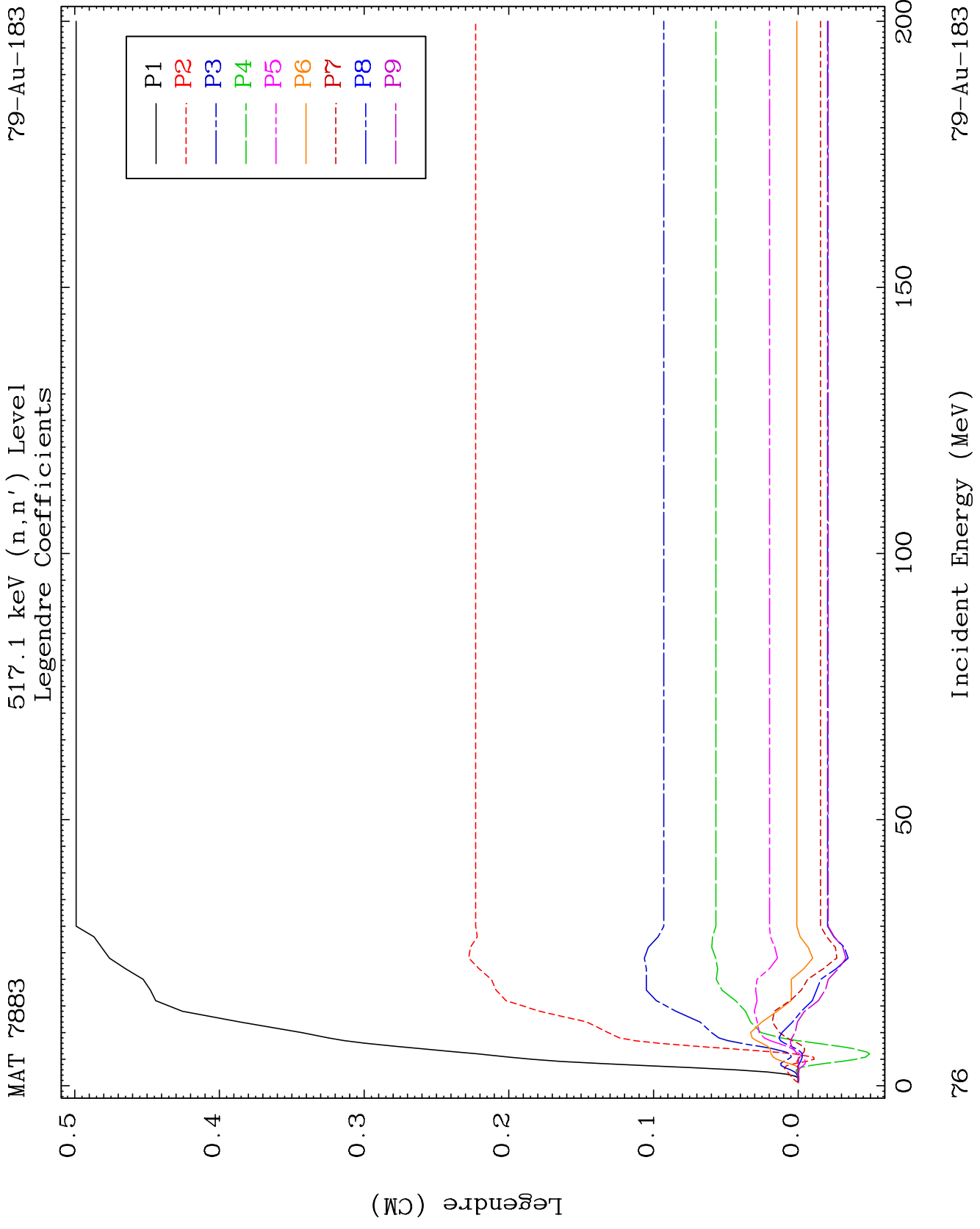
79-Au-183



75

Incident Energy (MeV)

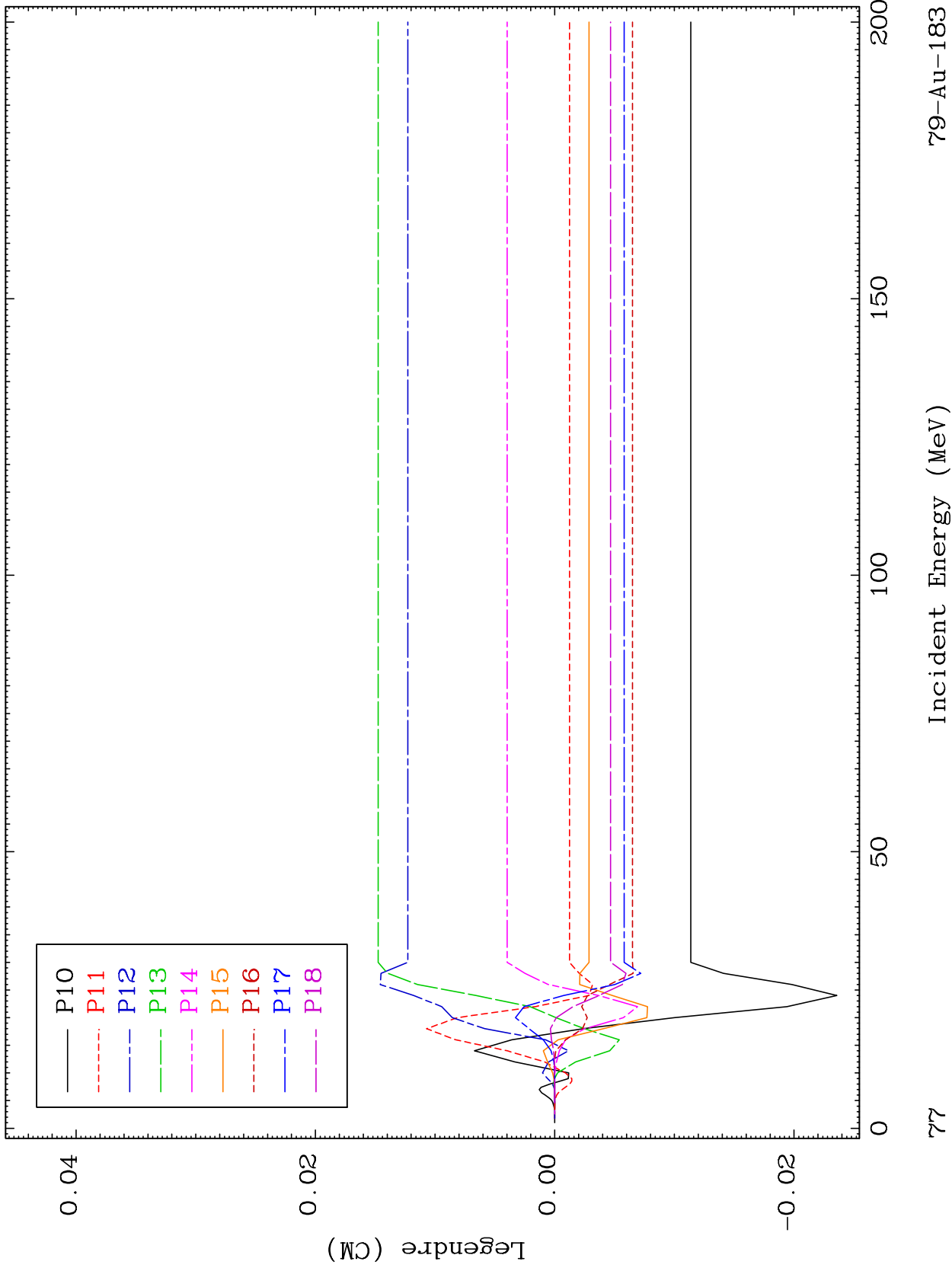
79-Au-183



MAT 7883

517.1 keV (n,n') Level
Legendre Coefficients

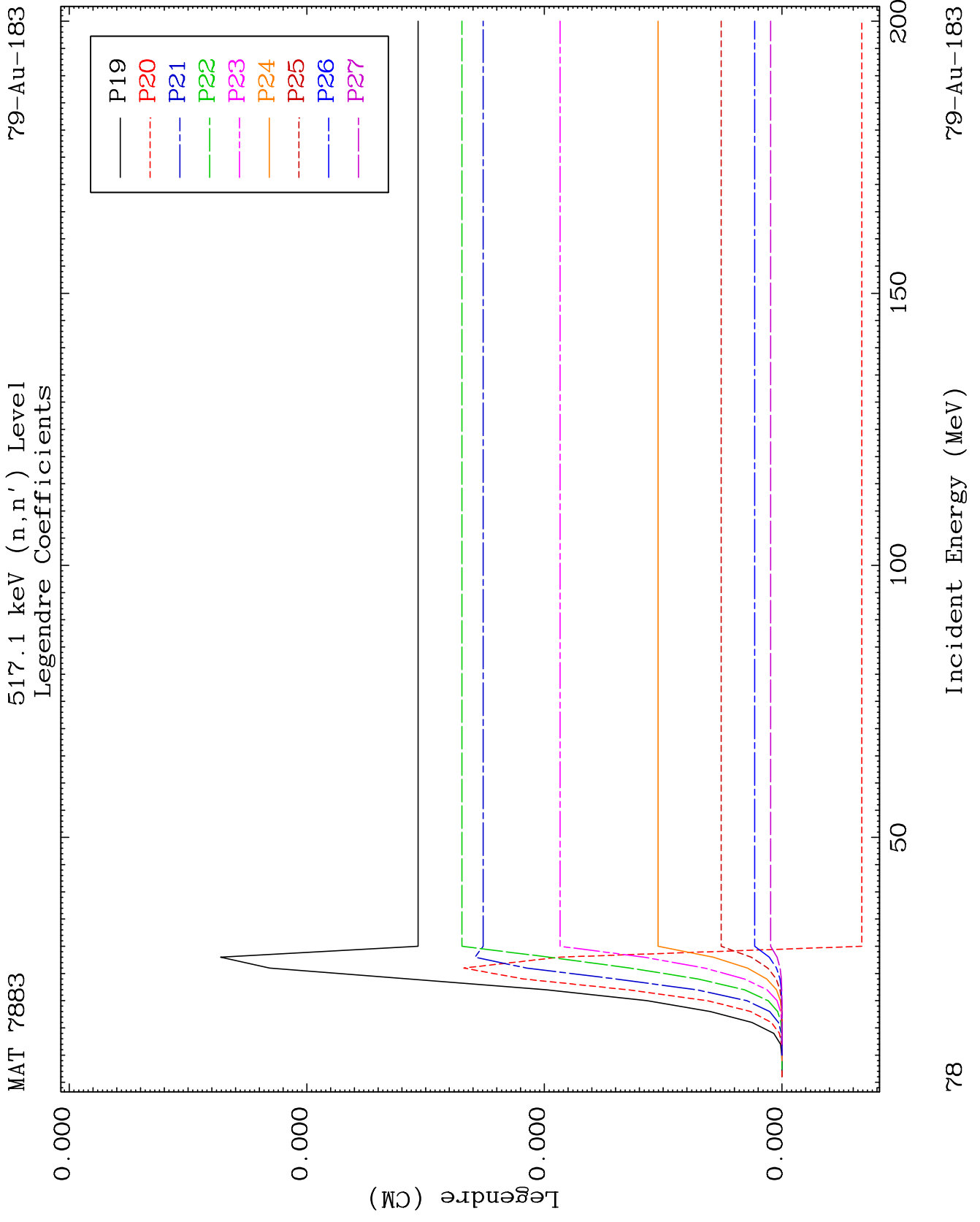
79-Au-183



79-Au-183

Incident Energy (MeV)

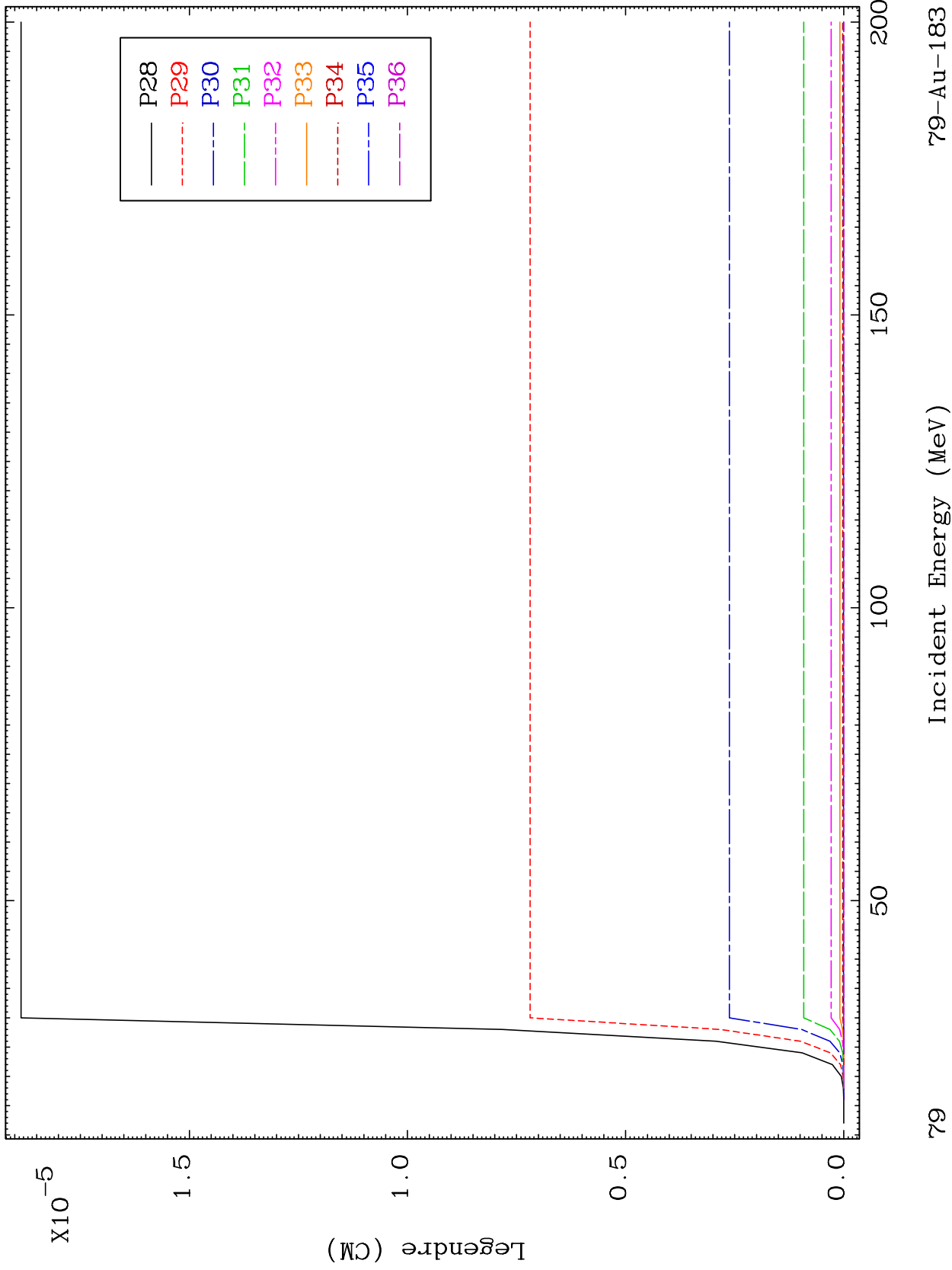
77



MAT 7883

517.1 keV (n,n') Level
Legendre Coefficients

79-Au-183

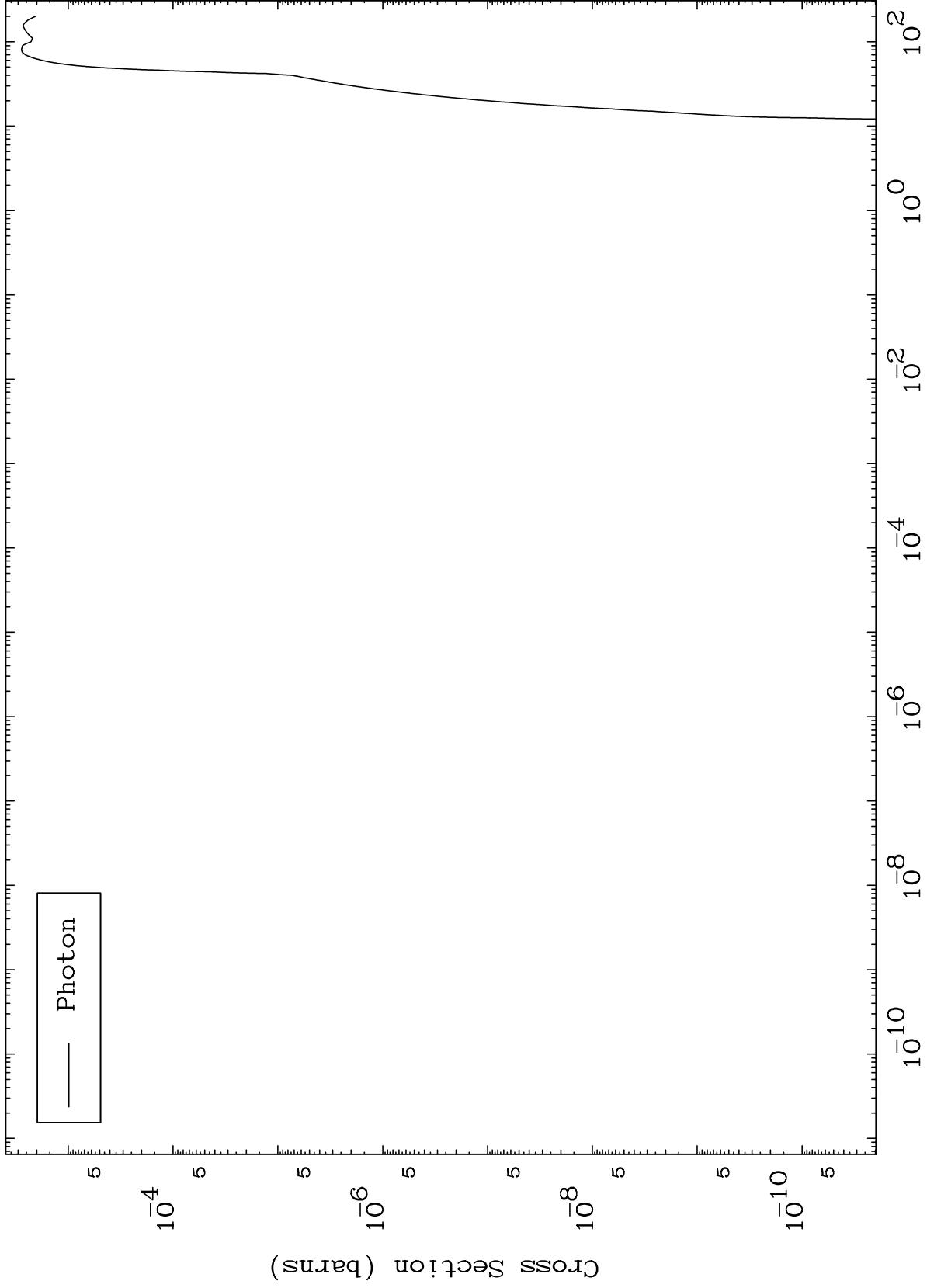


MAT 7883

Fission

⁷⁹Au-183

Radionuclide Production Cross Section



80

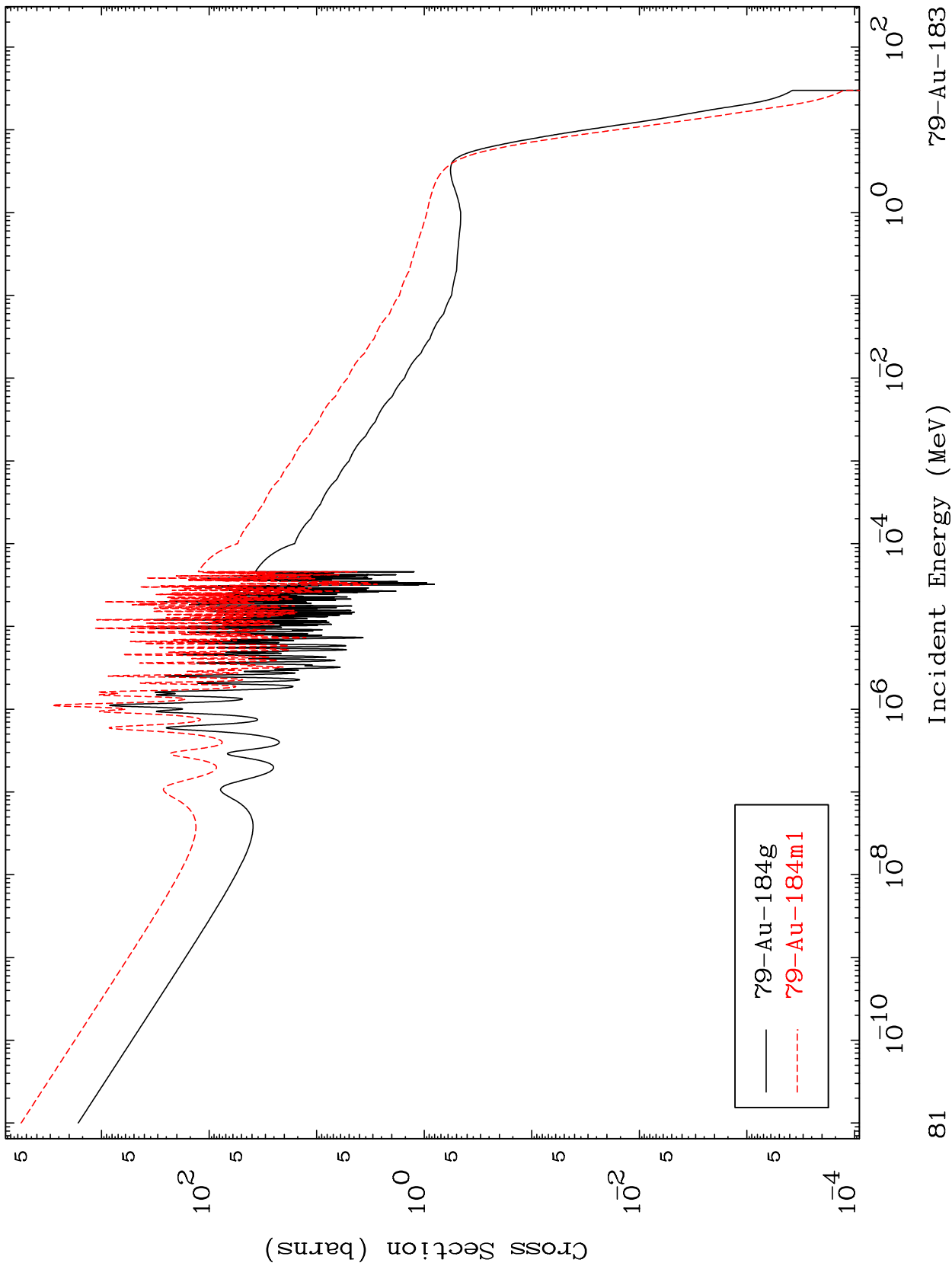
Incident Energy (MeV)

⁷⁹Au-183

MAT 7883

⁷⁹Au-183

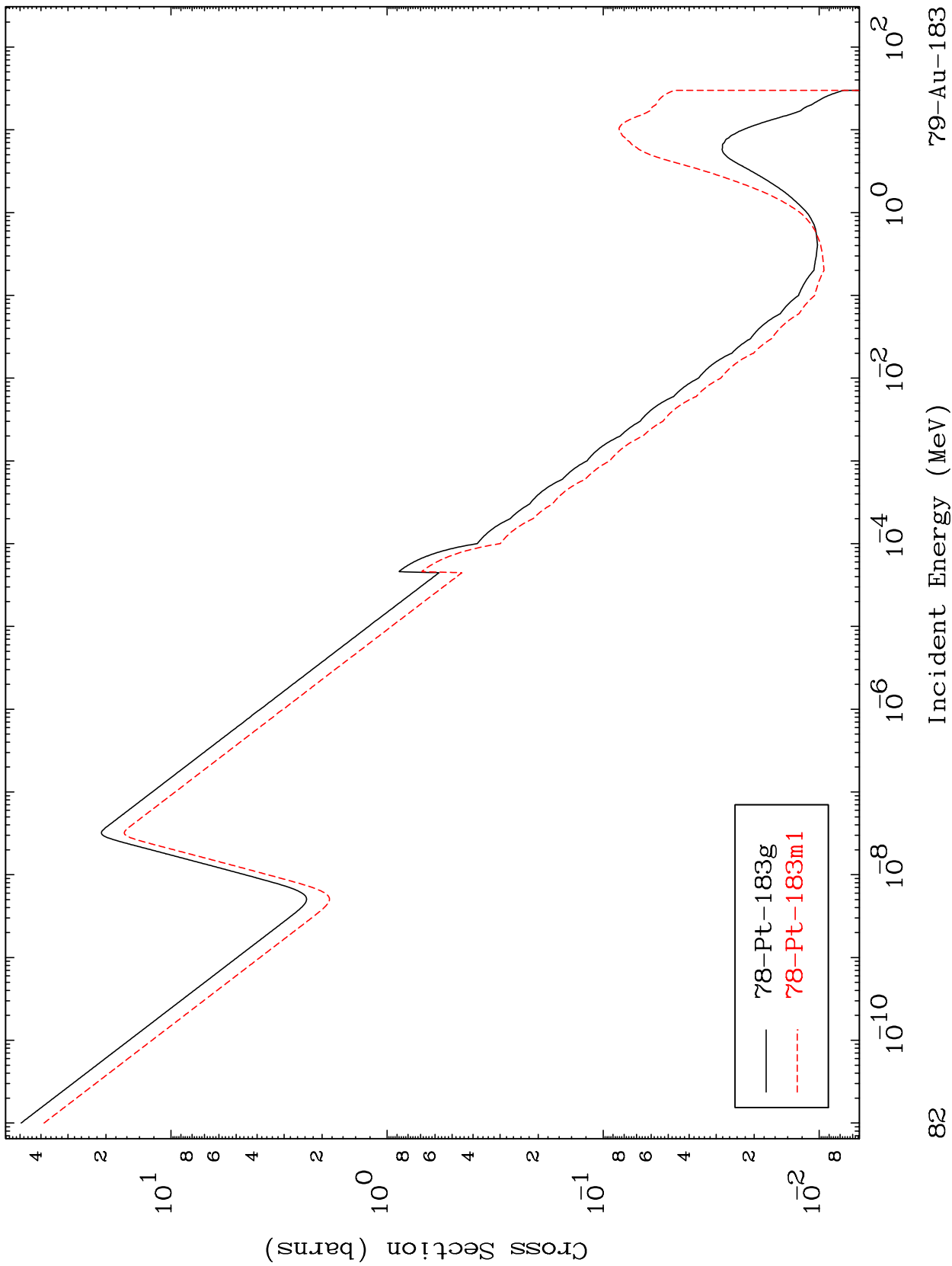
(n,γ)
Radionuclide Production Cross Section



MAT 7883

79-Au-183

(n,p)
Radionuclide Production Cross Section



82

79-Au-183