

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

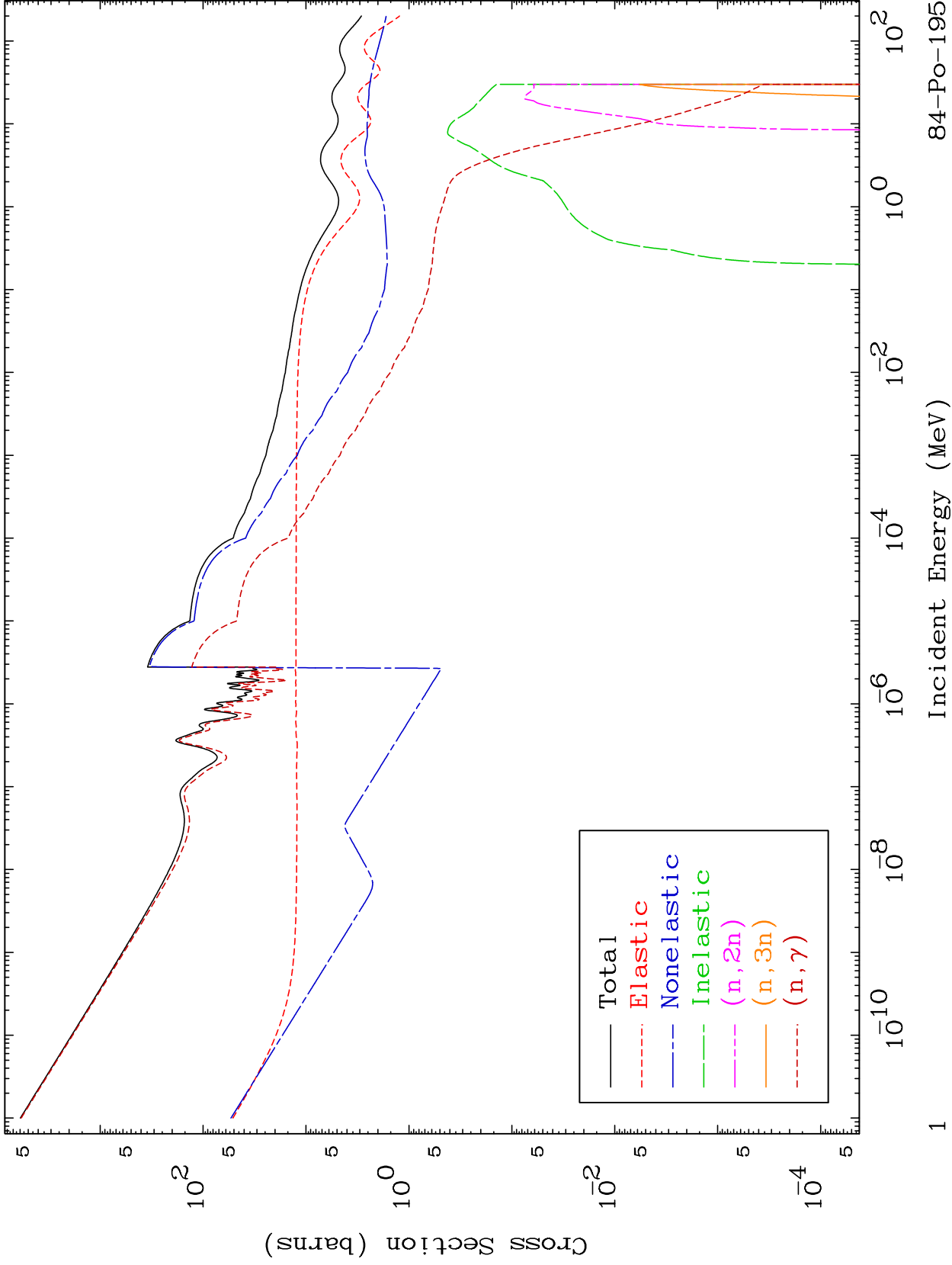
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8392

Neutron Major
293 Kelvin Cross Sections

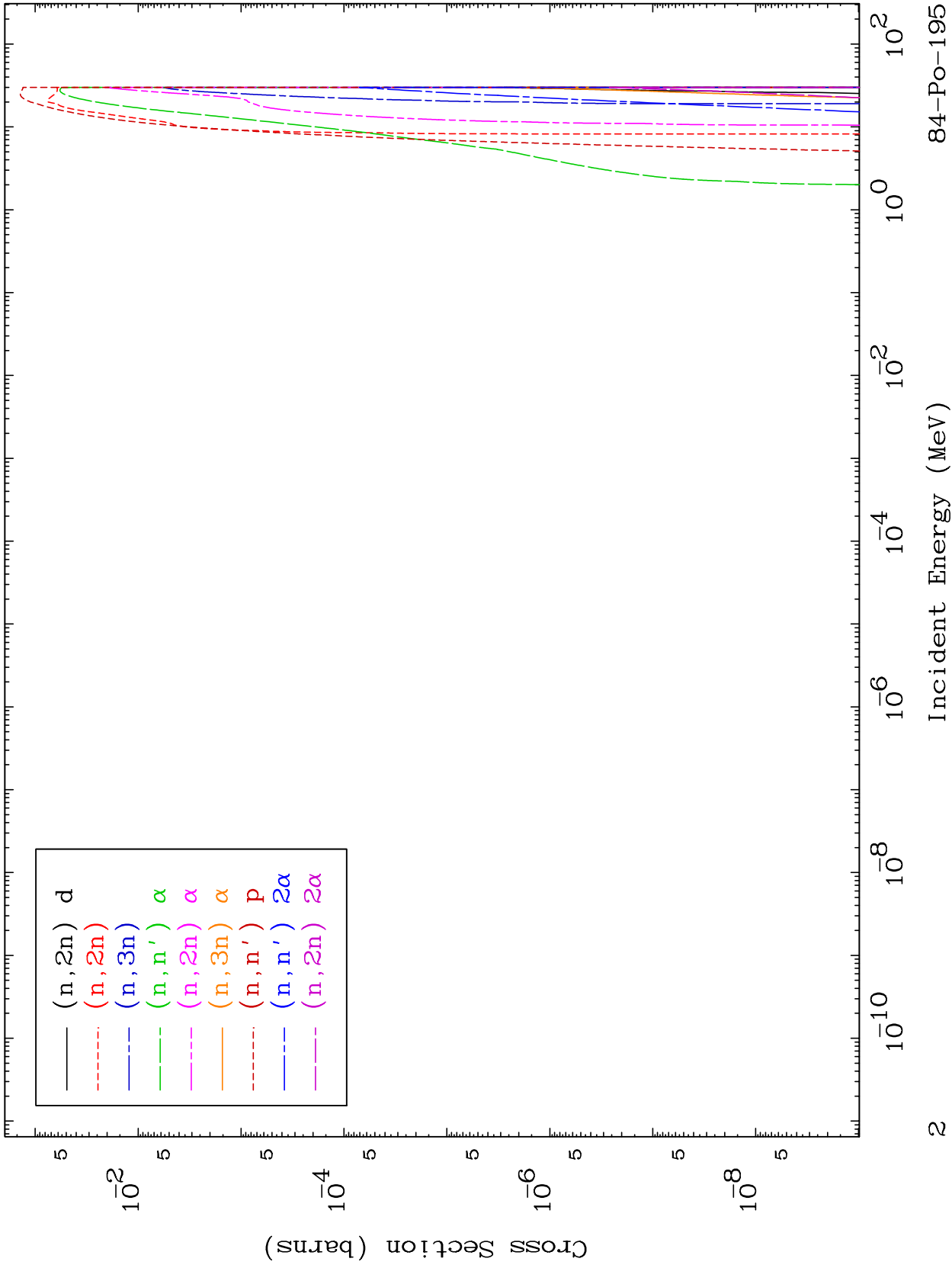
84-Po-195

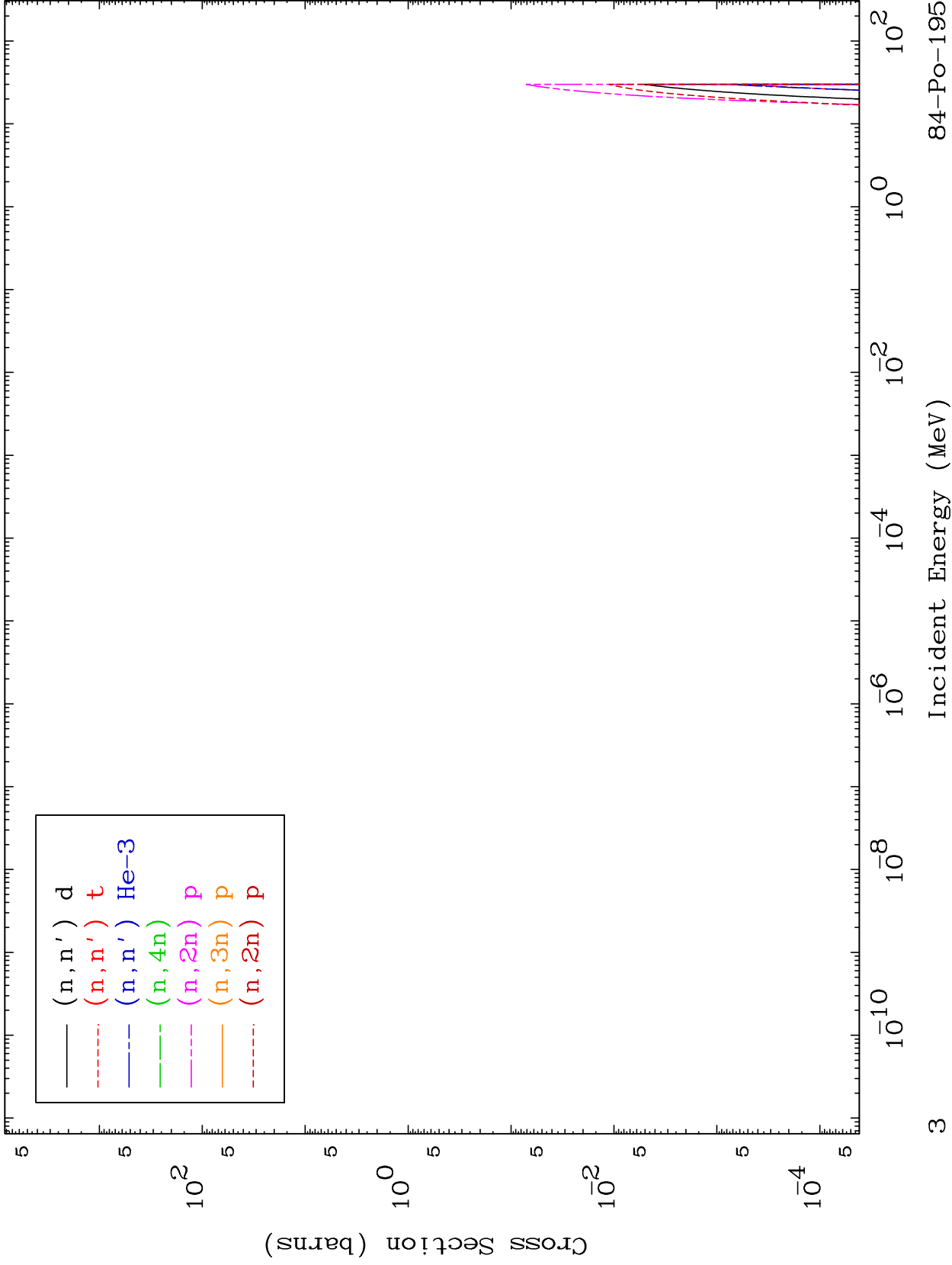


MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

84-Po-195

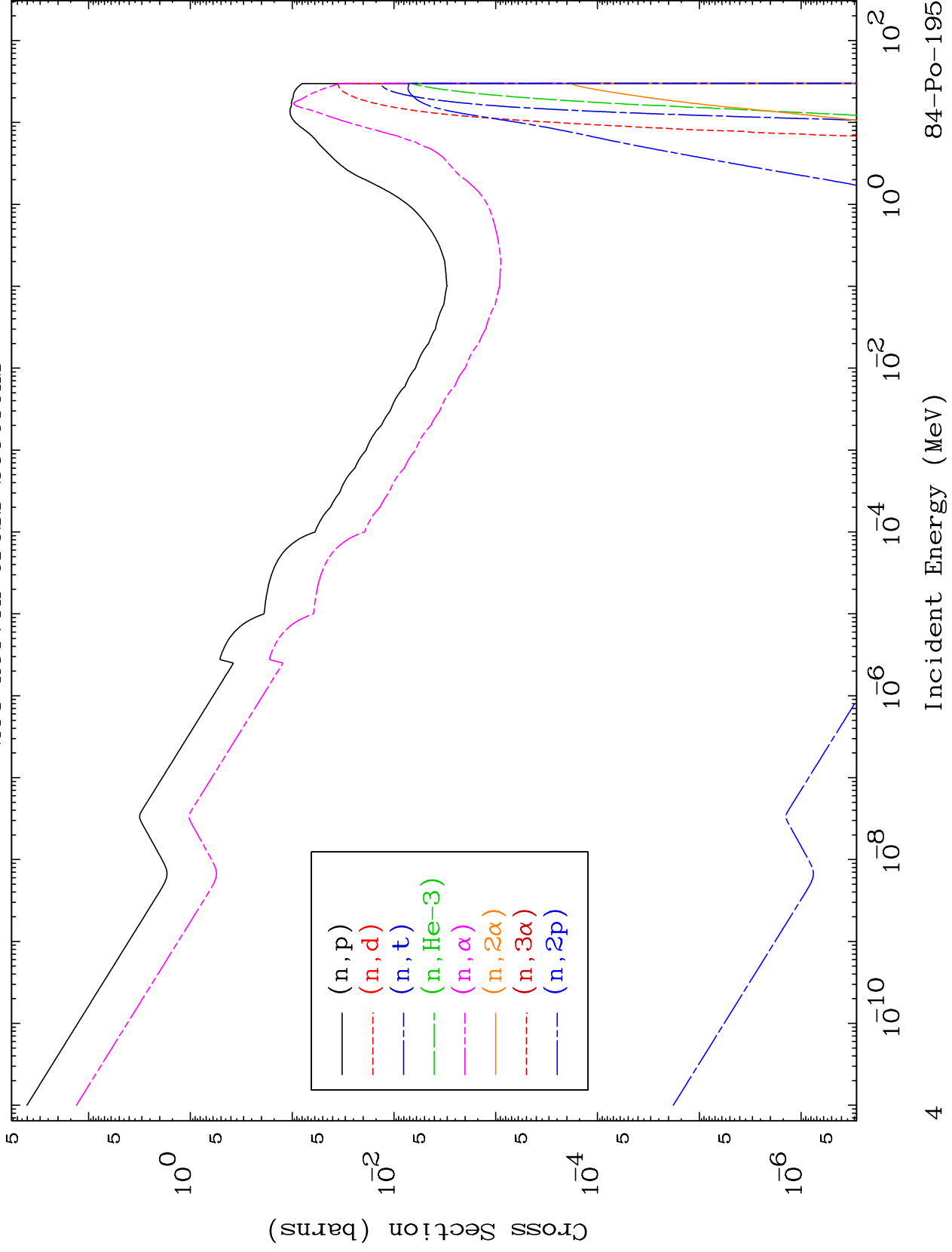




MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

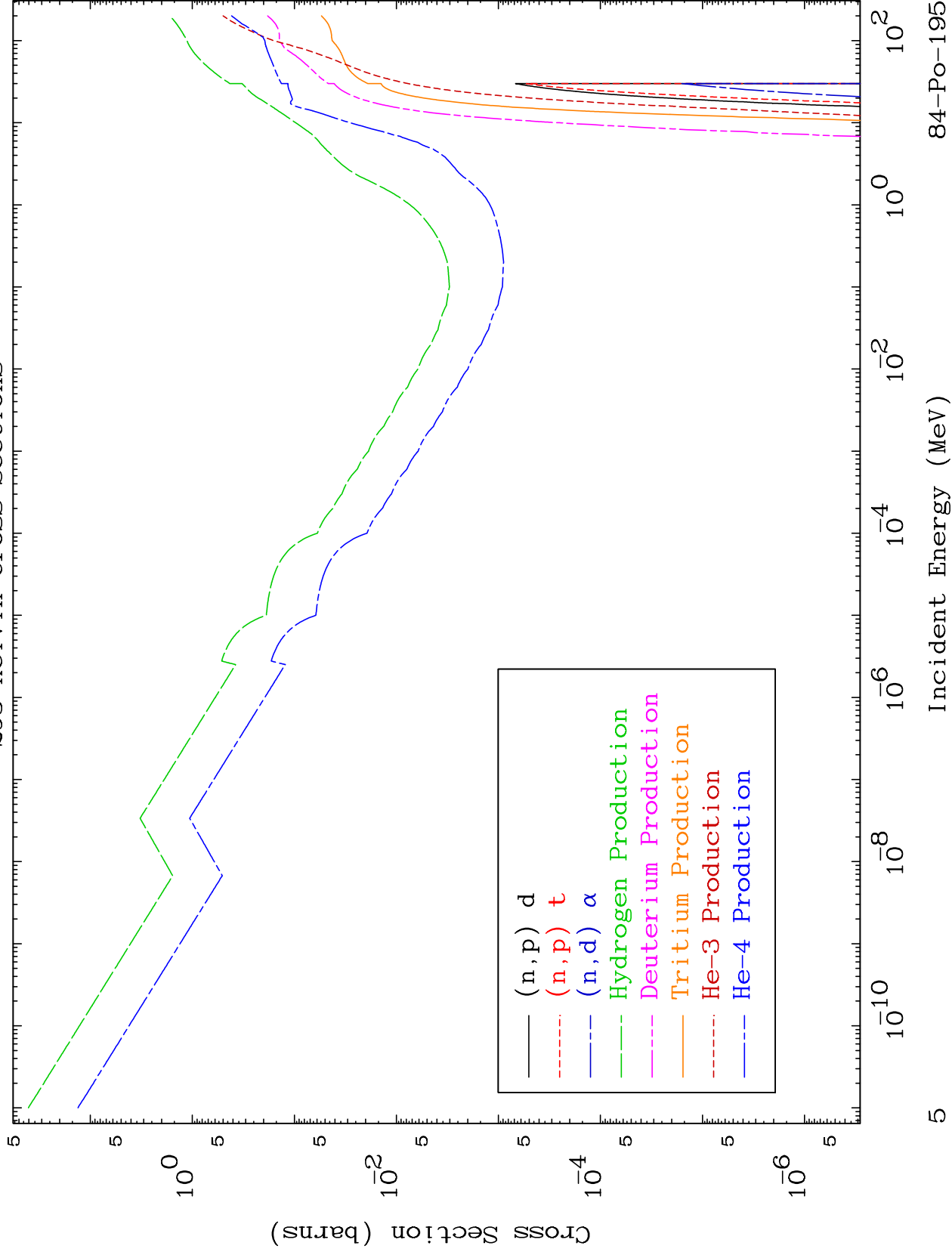
84-Po-195



MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

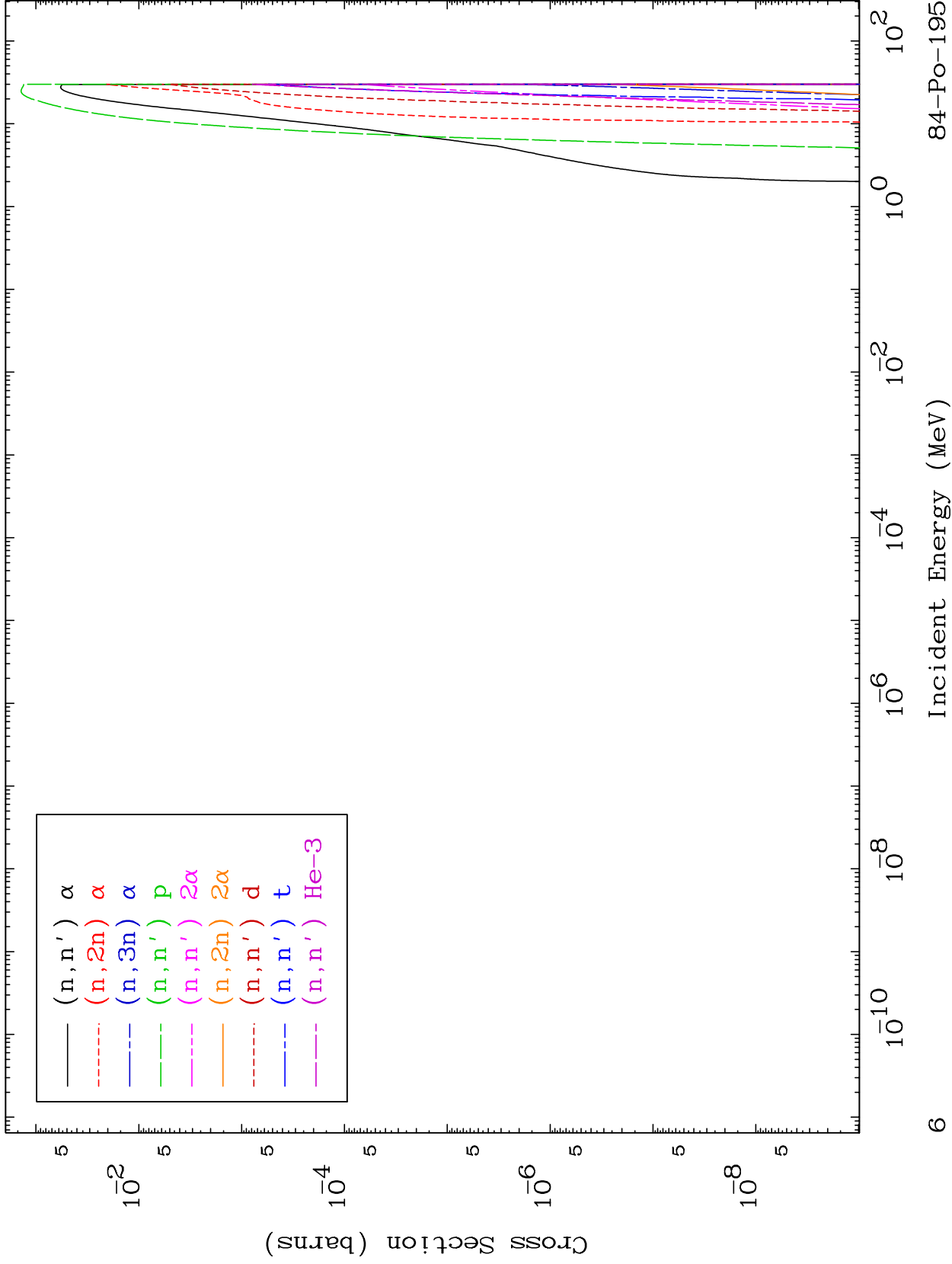
84-Po-195



MAT 8392

Charged Particle
293 Kelvin Cross Sections

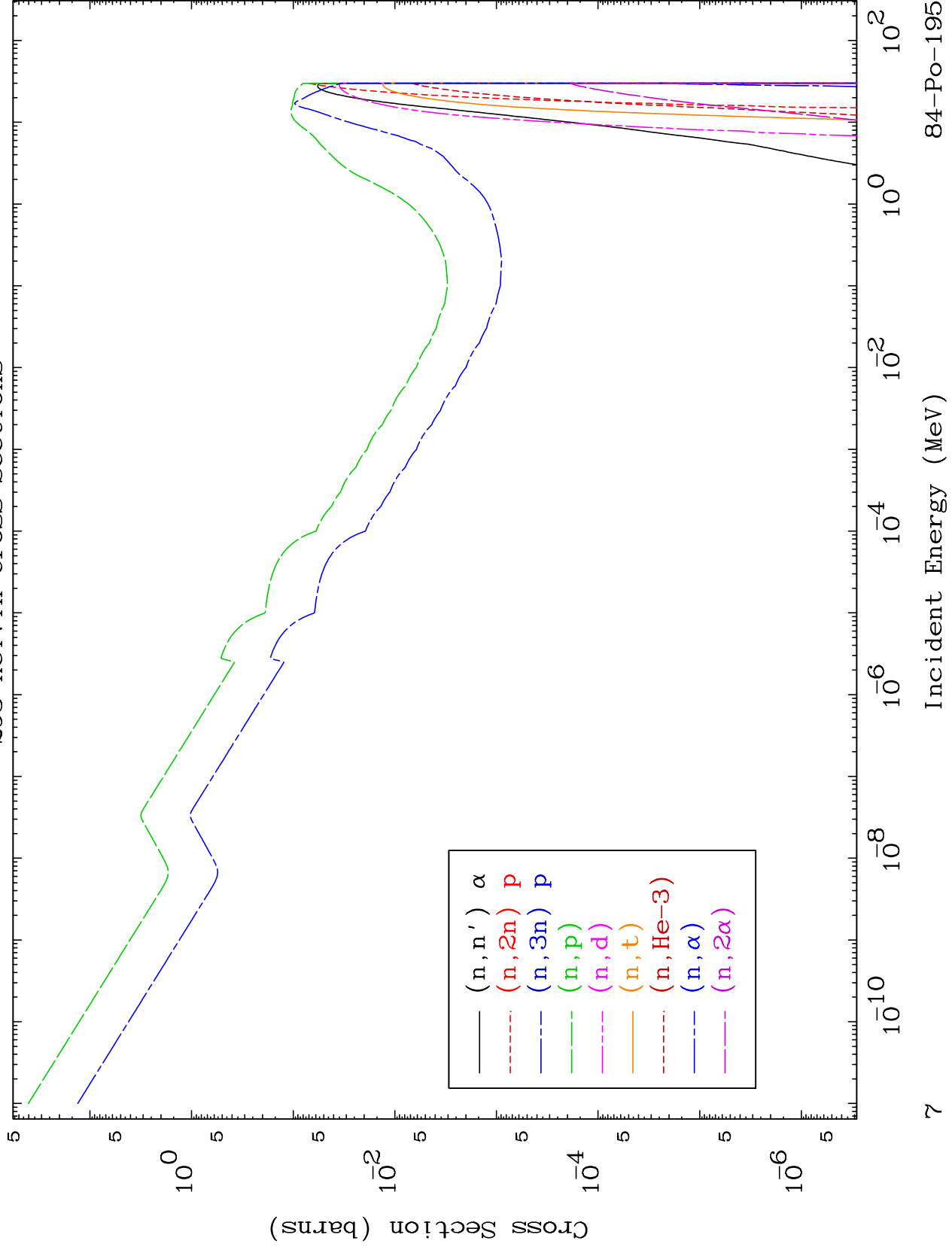
84-Po-195

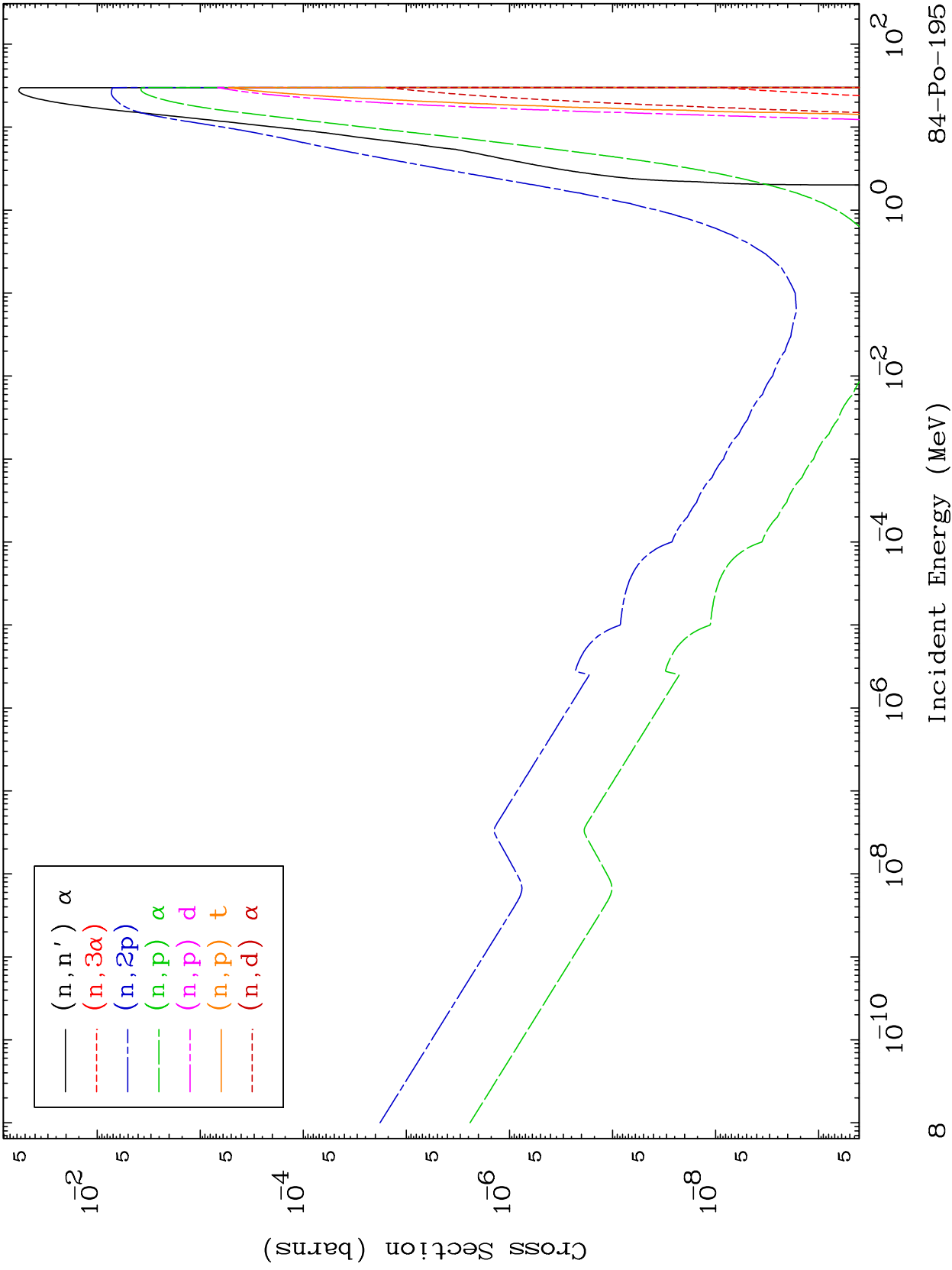


MAT 8392

Charged Particle
293 Kelvin Cross Sections

84-Po-195

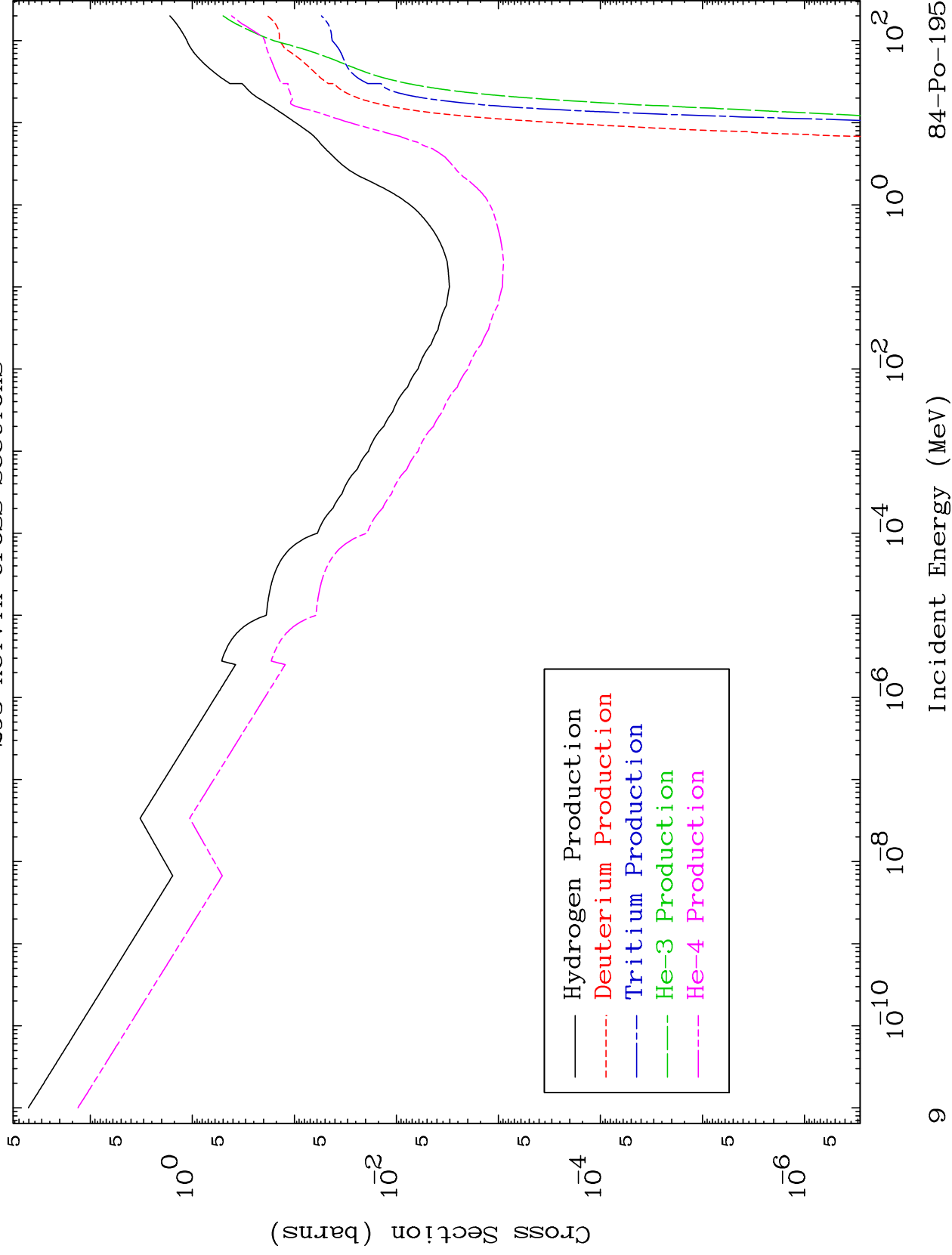




MAT 8392

Particle Production
293 Kelvin Cross Sections

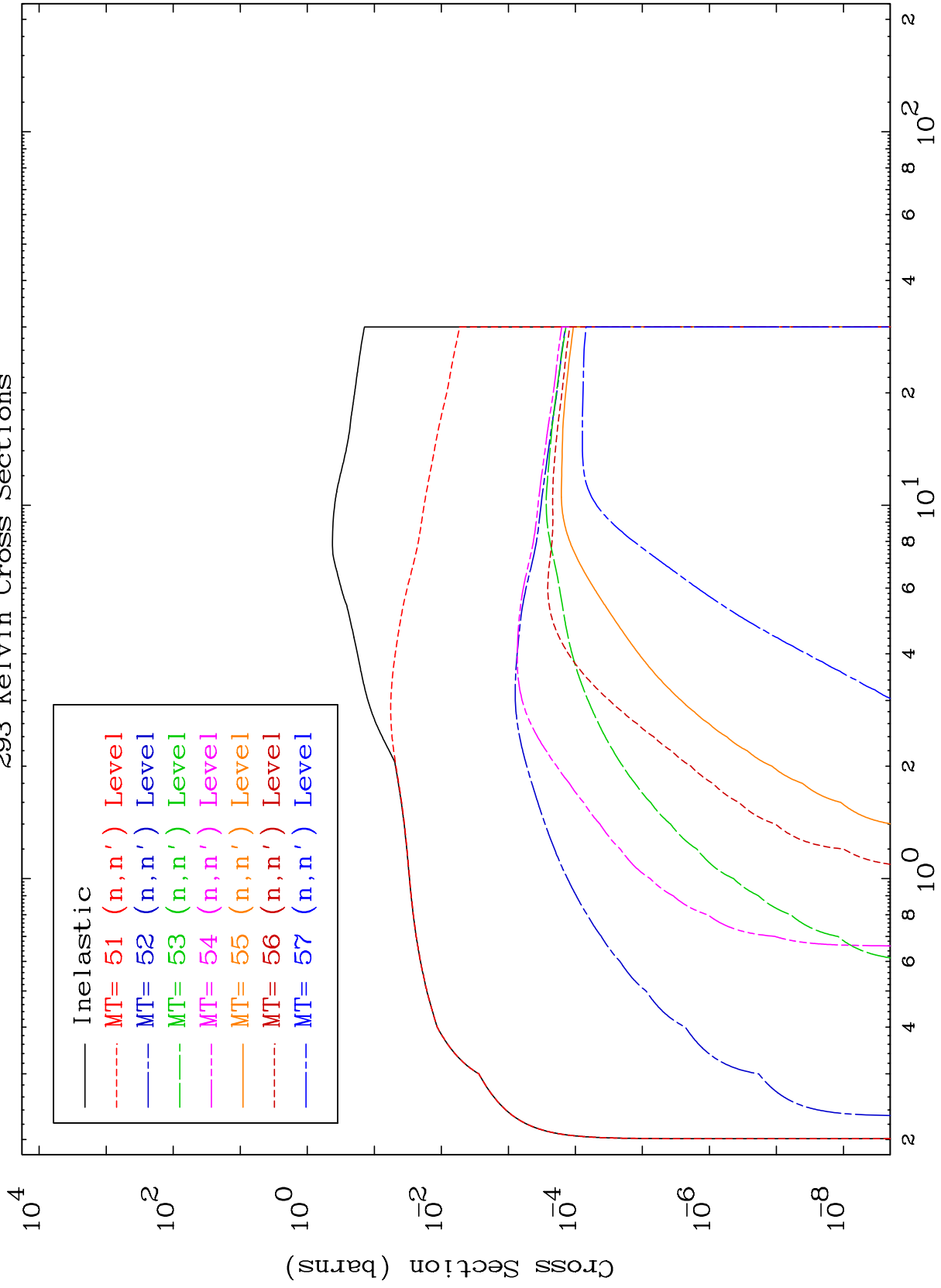
84-Po-195



MAT 8392

(n,n') Levels
293 Kelvin Cross Sections

84-Po-195



Incident Energy (MeV)

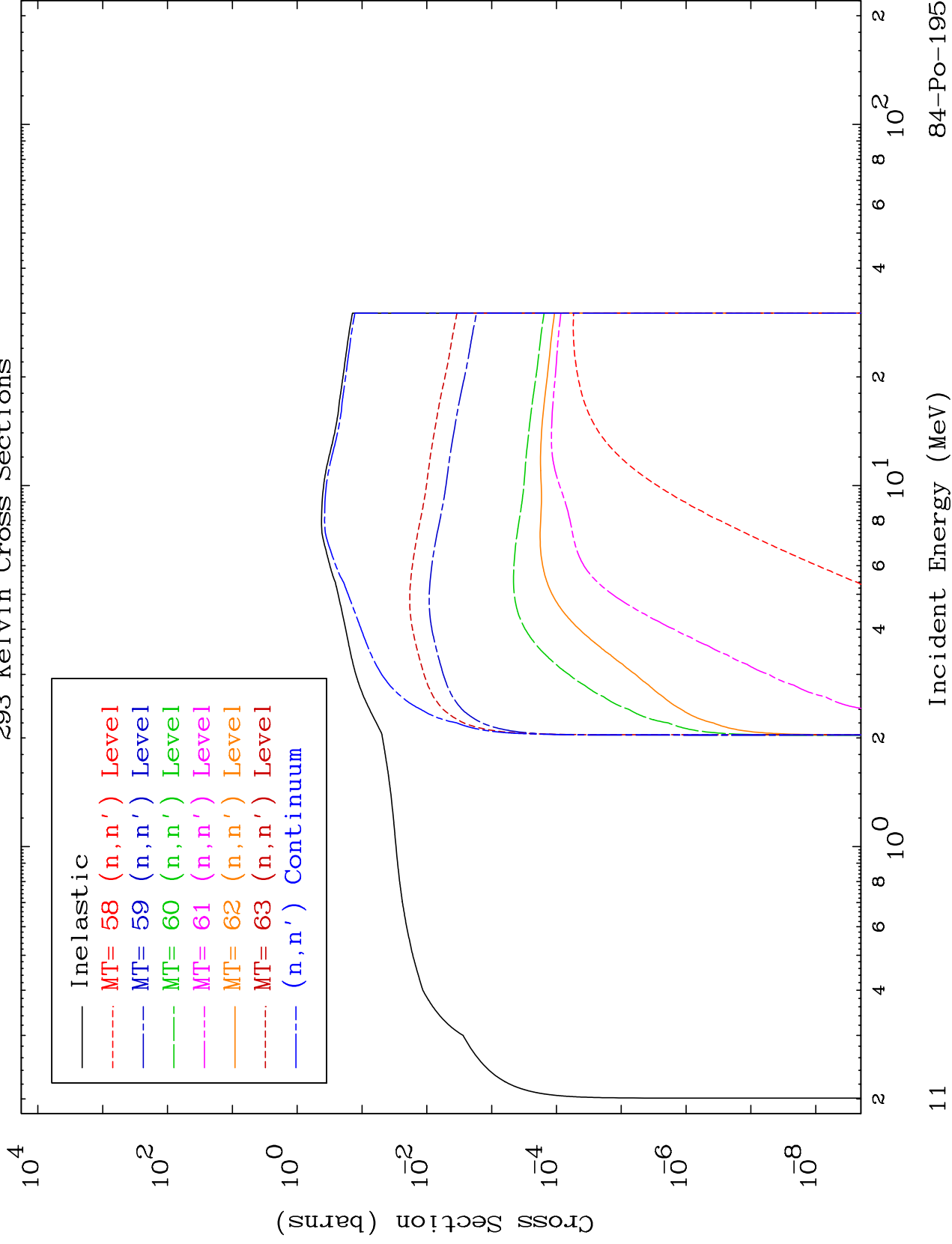
84-Po-195

10

MAT 8392

(n,n') Levels
293 Kelvin Cross Sections

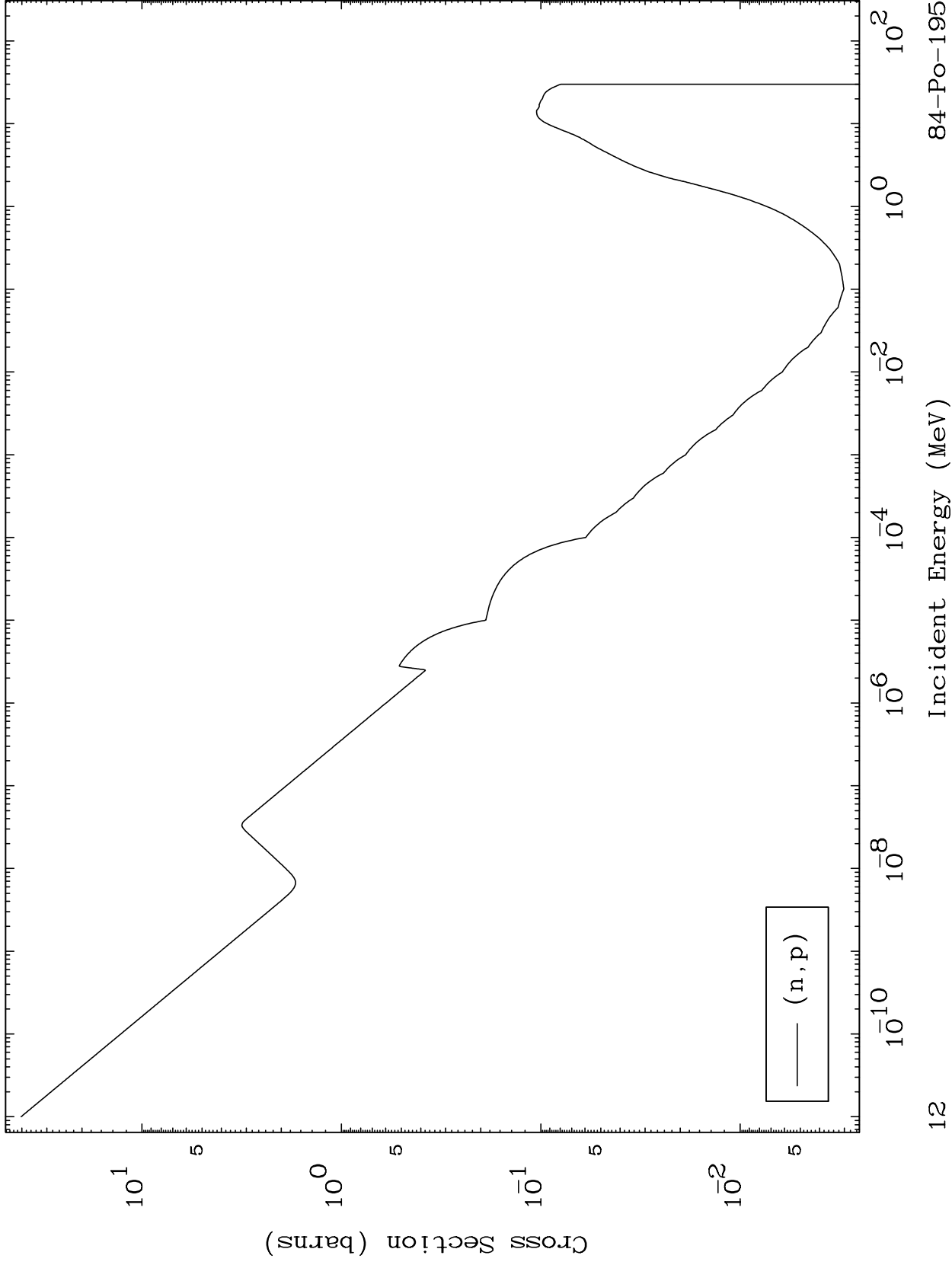
84-Po-195



MAT 8392

(n,p) Levels
293 Kelvin Cross Sections

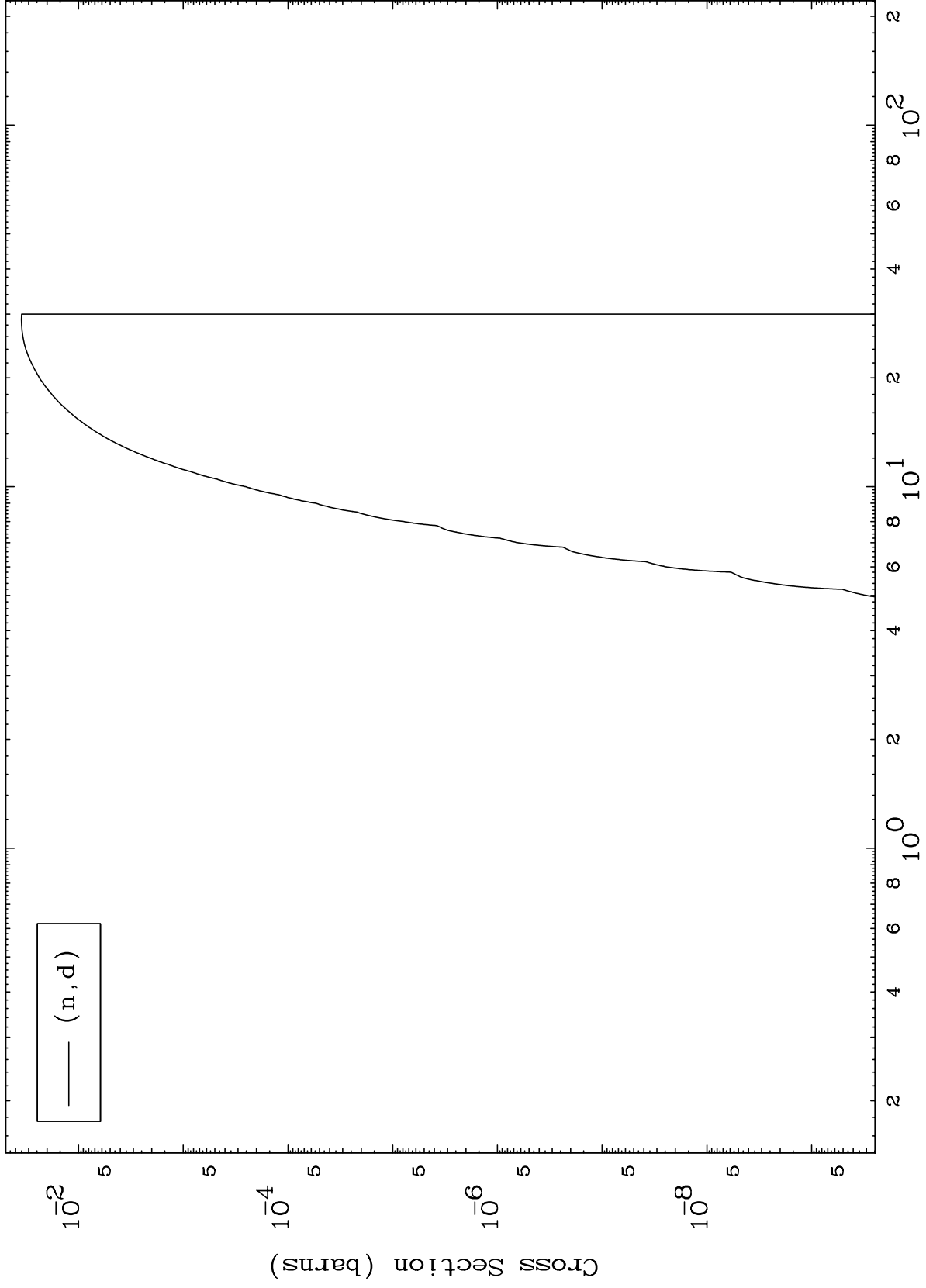
84-Po-195



MAT 8392

(n,d) Levels
293 Kelvin Cross Sections

84-Po-195



13

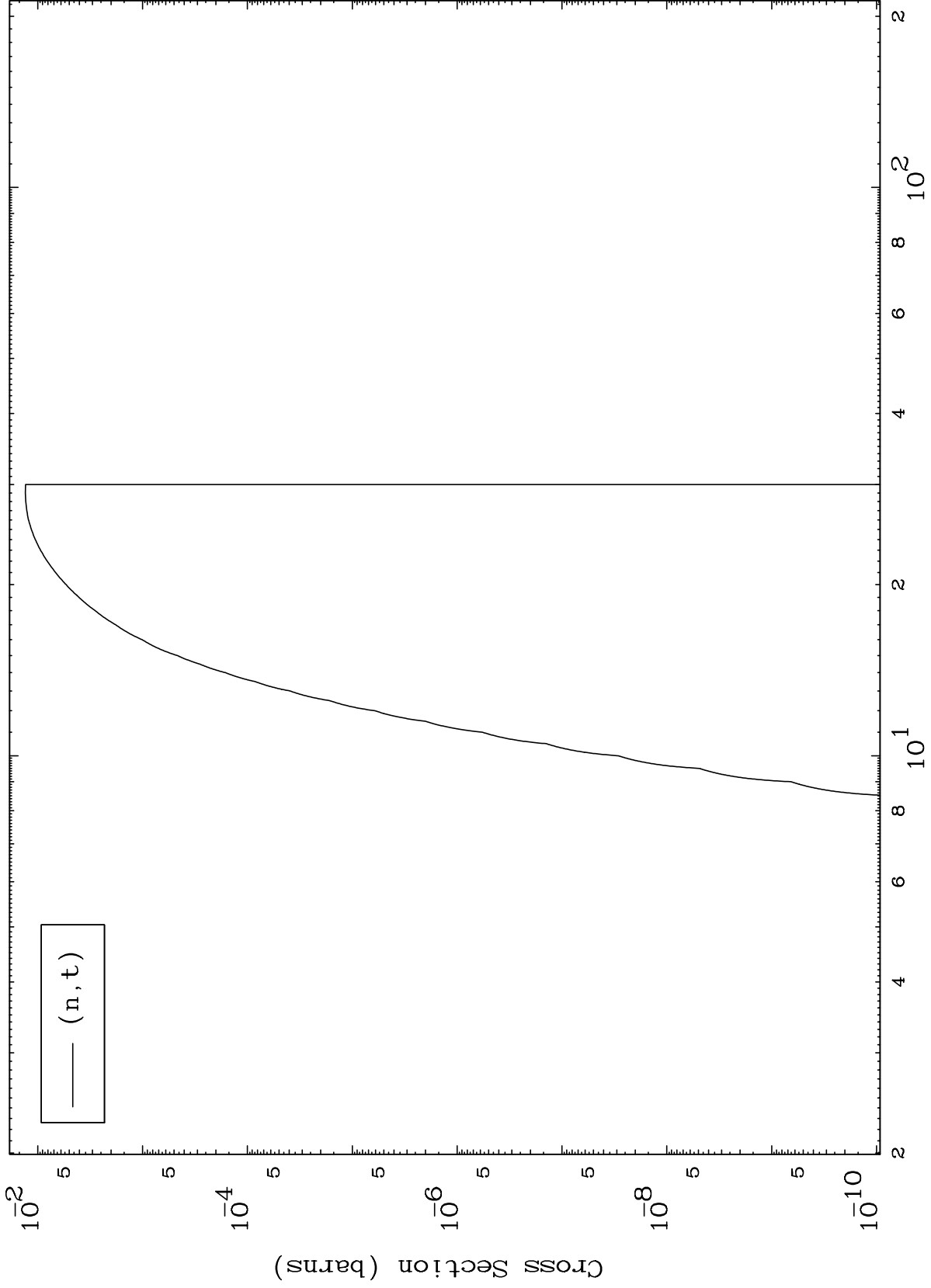
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,t) Levels
293 Kelvin Cross Sections

84-Po-195



14

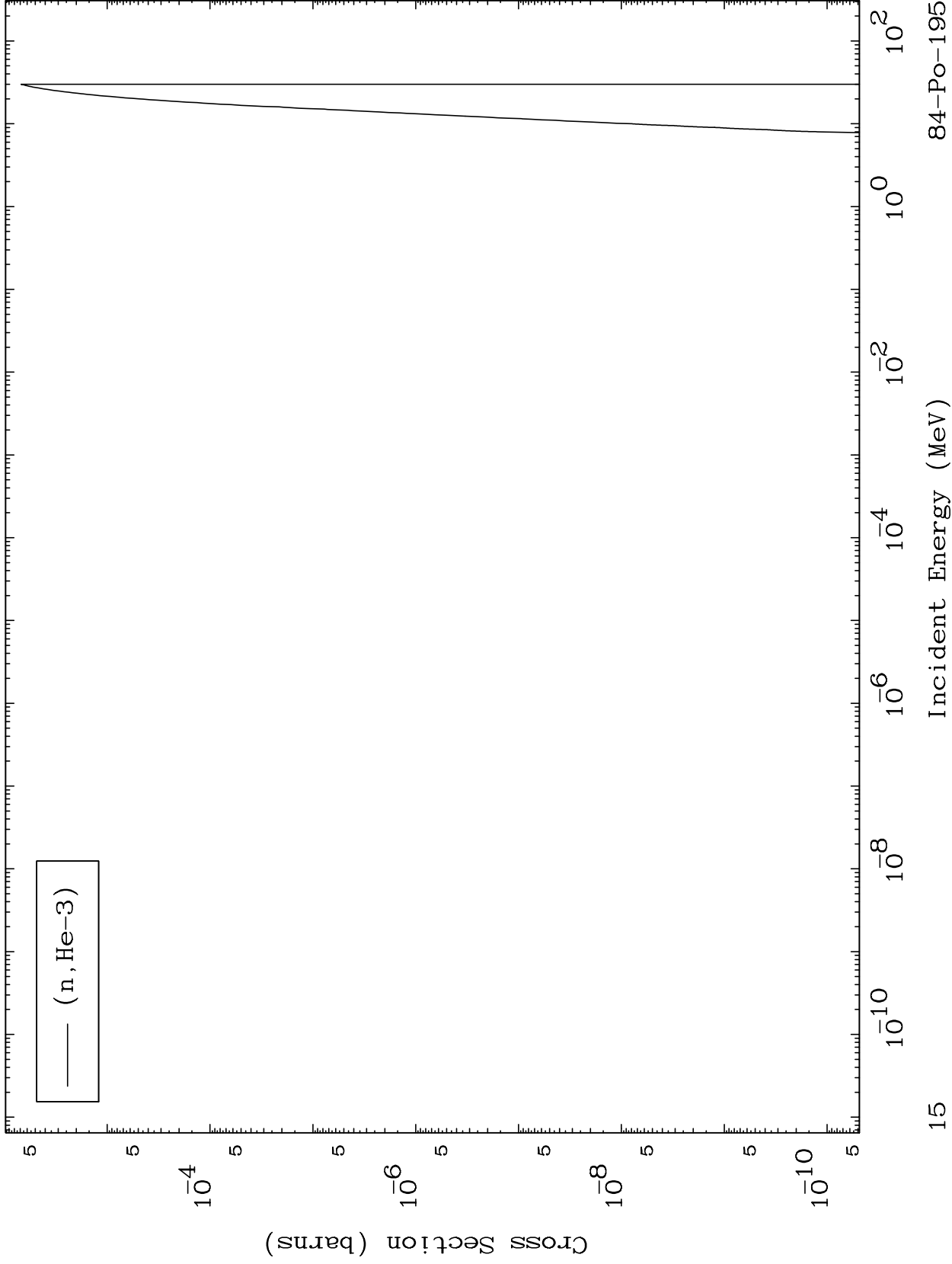
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,He3) Levels
293 Kelvin Cross Sections

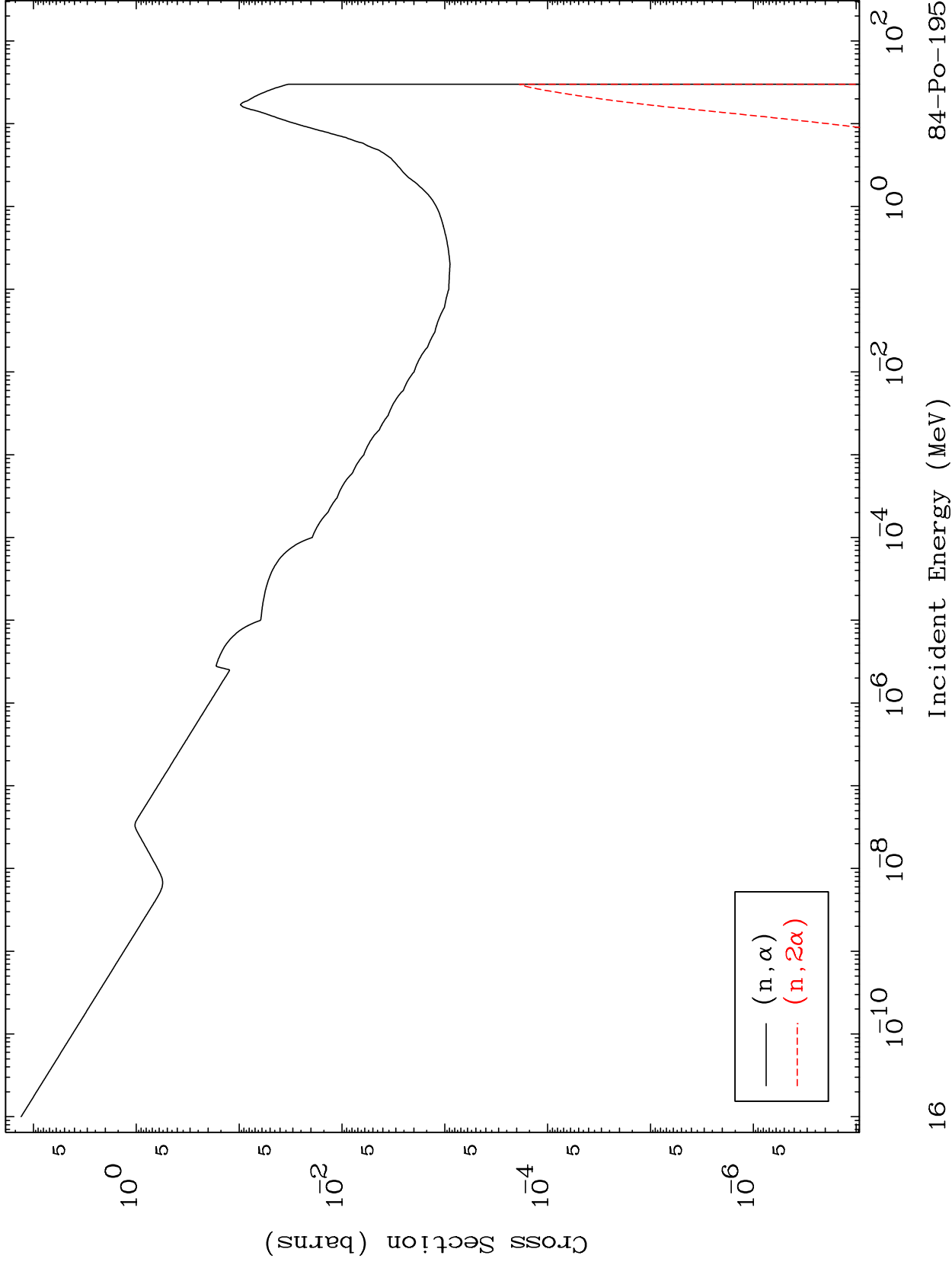
84-Po-195



MAT 8392

(n,α) Levels
293 Kelvin Cross Sections

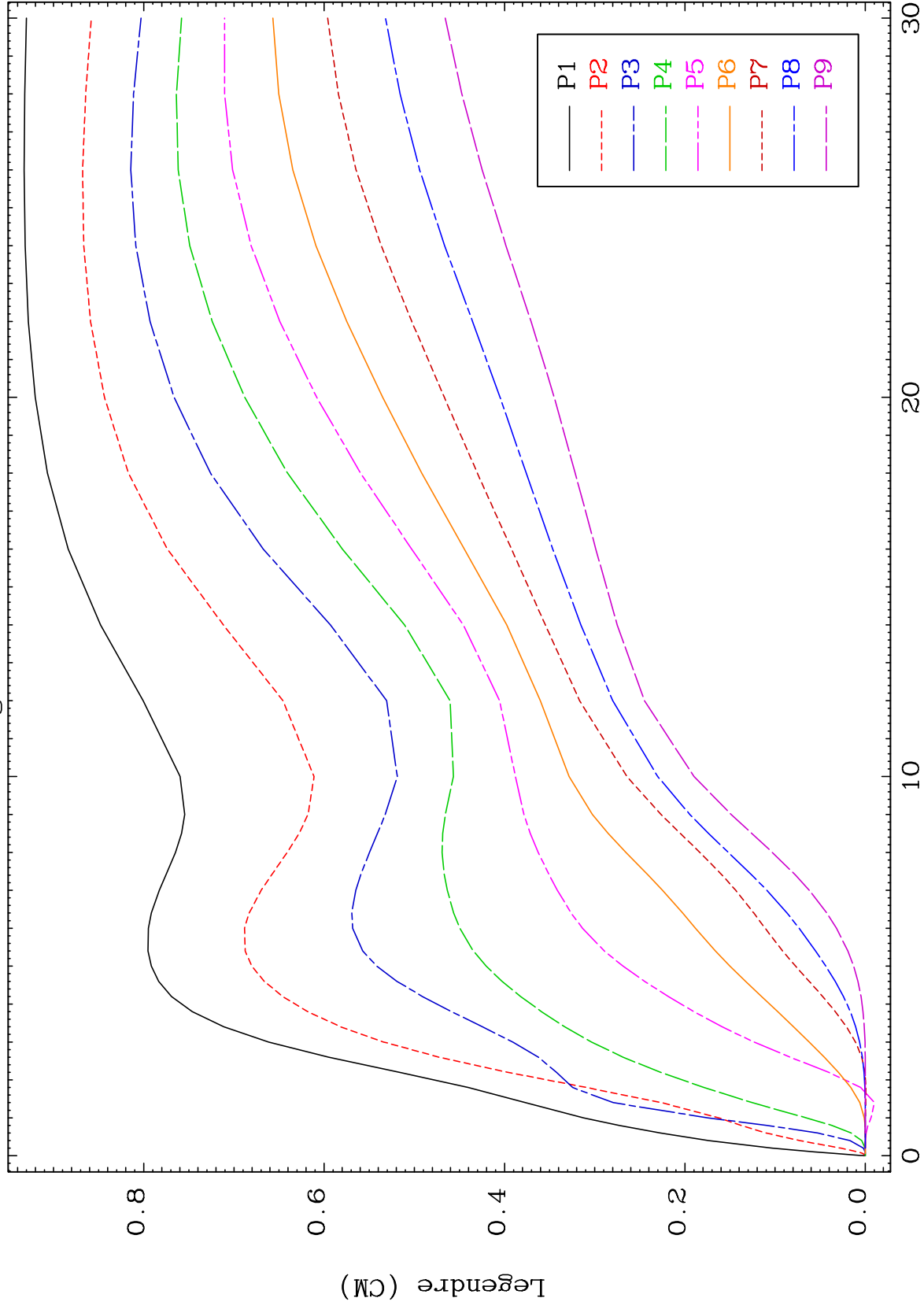
84-Po-195



MAT 8392

Elastic Legendre Coefficients

84-Po-195



17

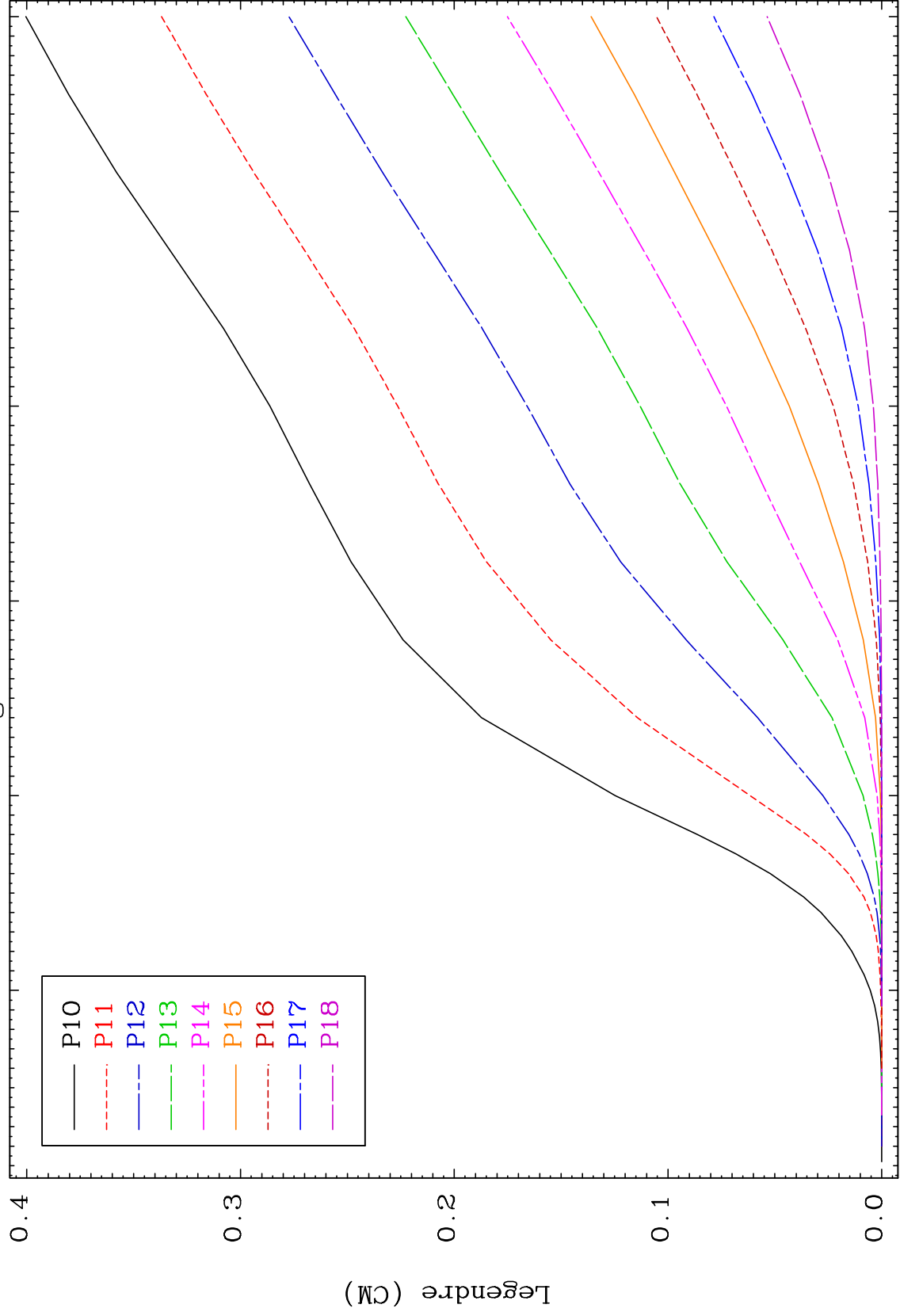
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



18

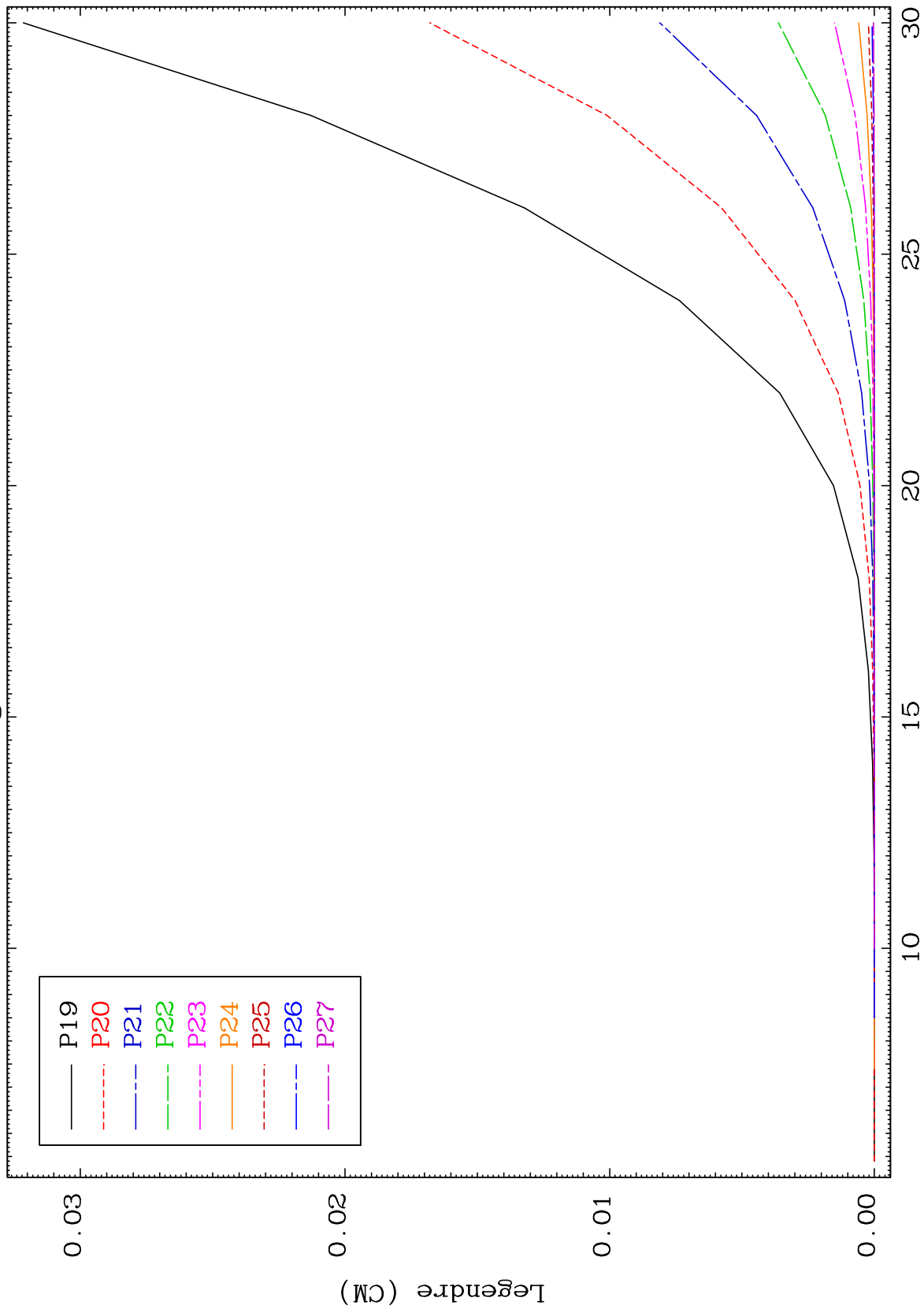
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



19

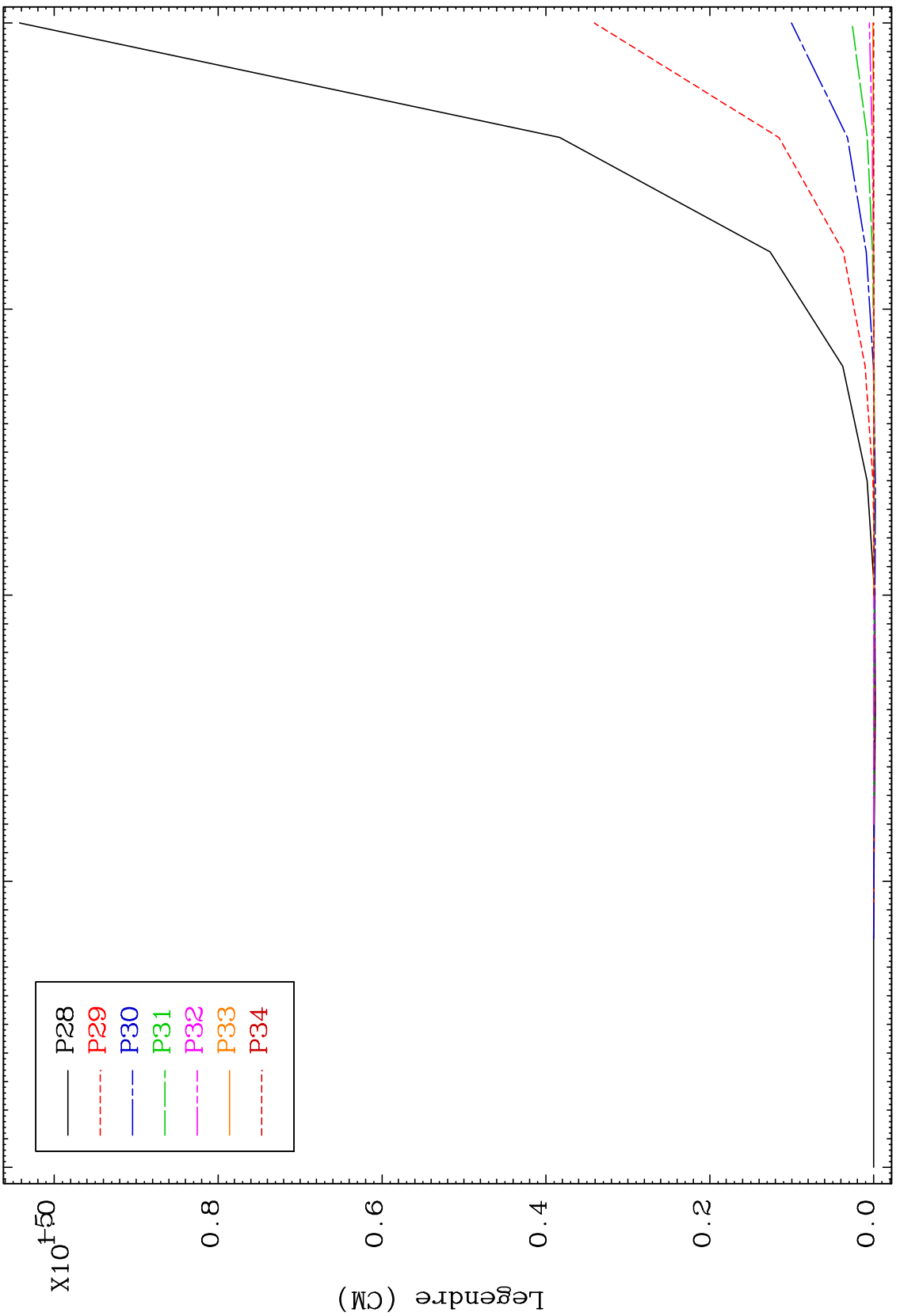
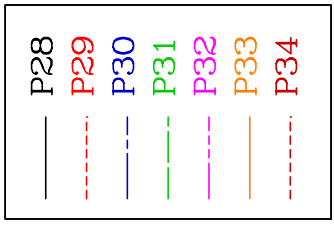
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



84-Po-195

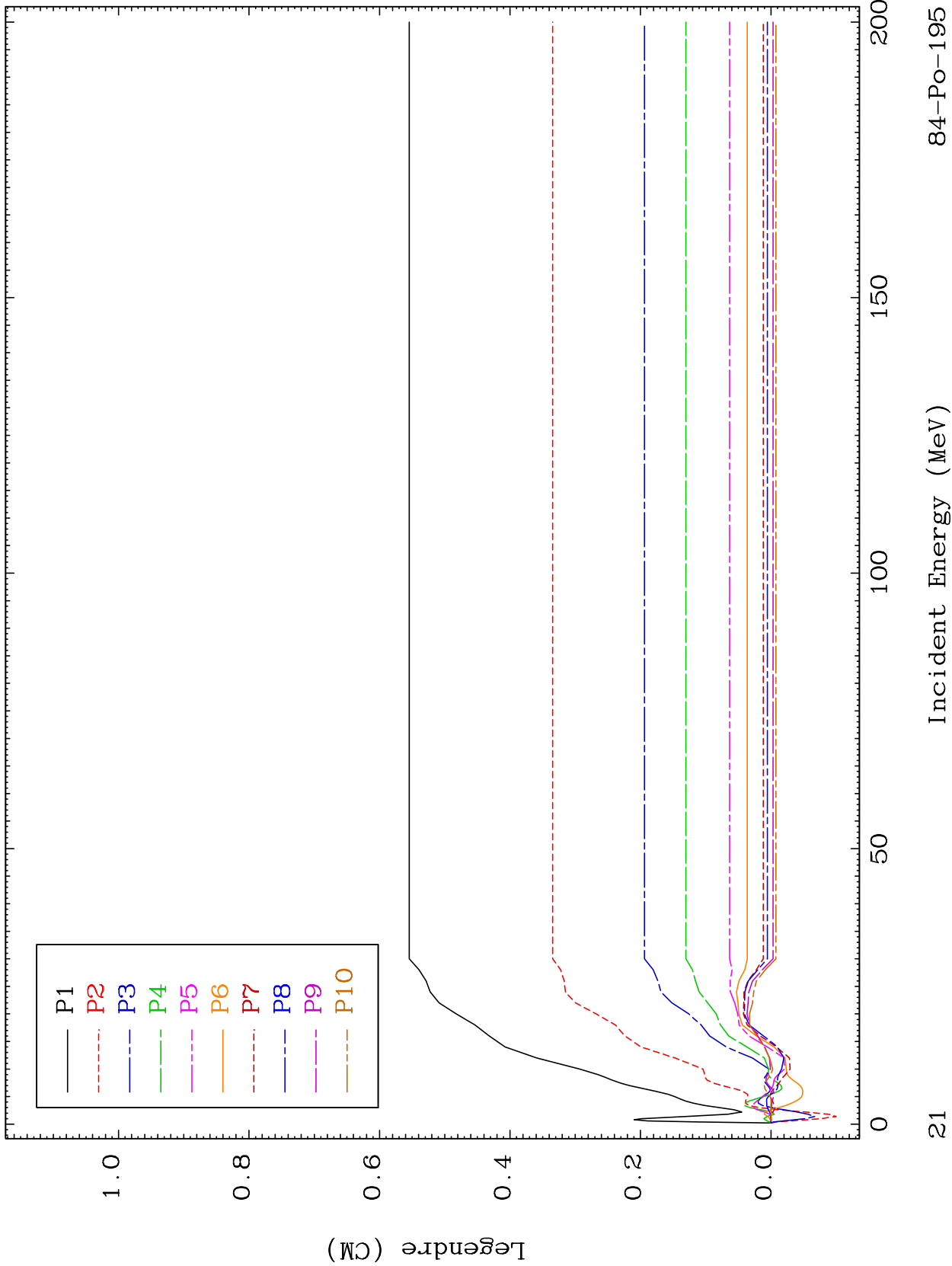
Incident Energy (MeV)

20

MAT 8392

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

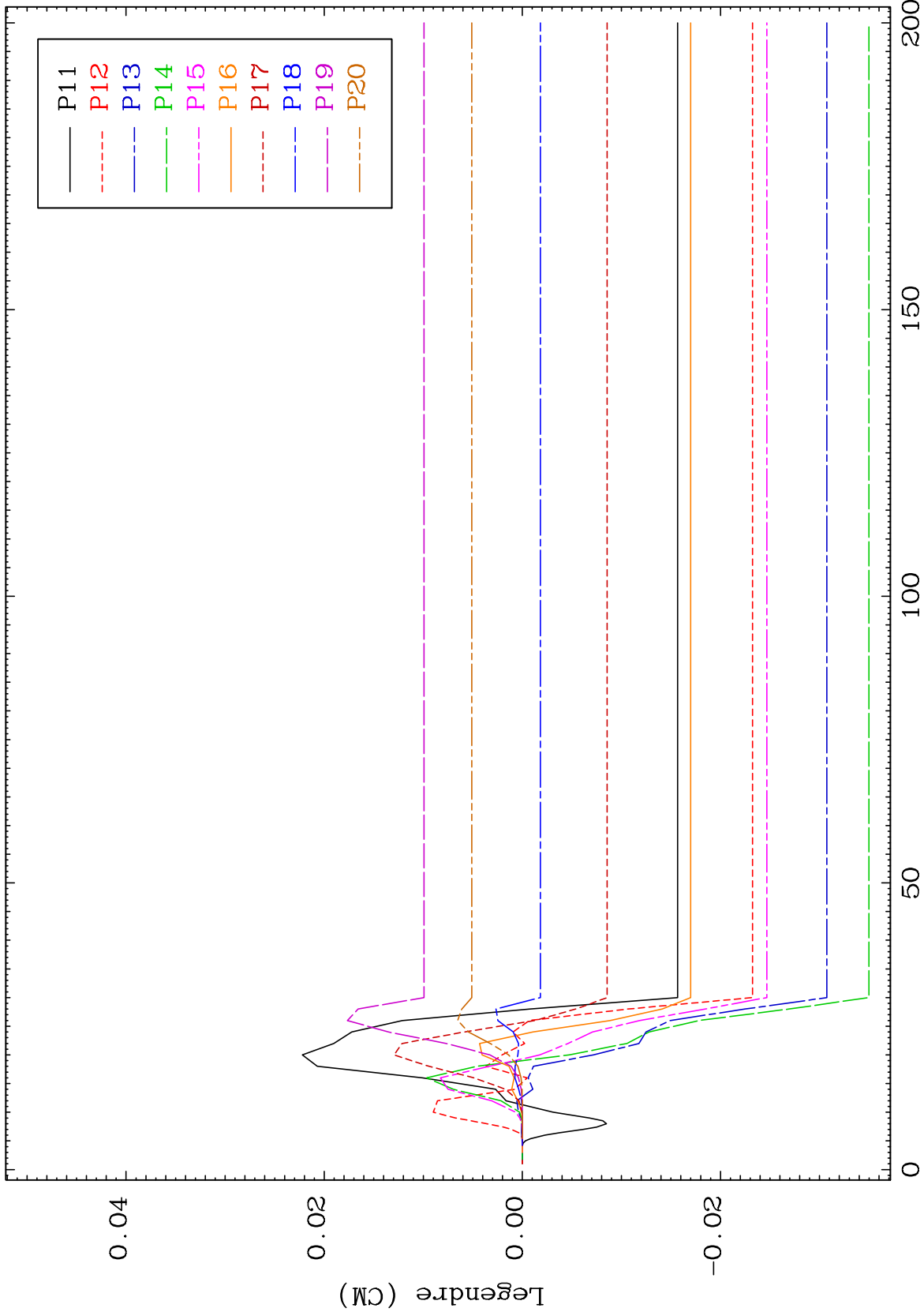
84-Po-195



MAT 8392

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

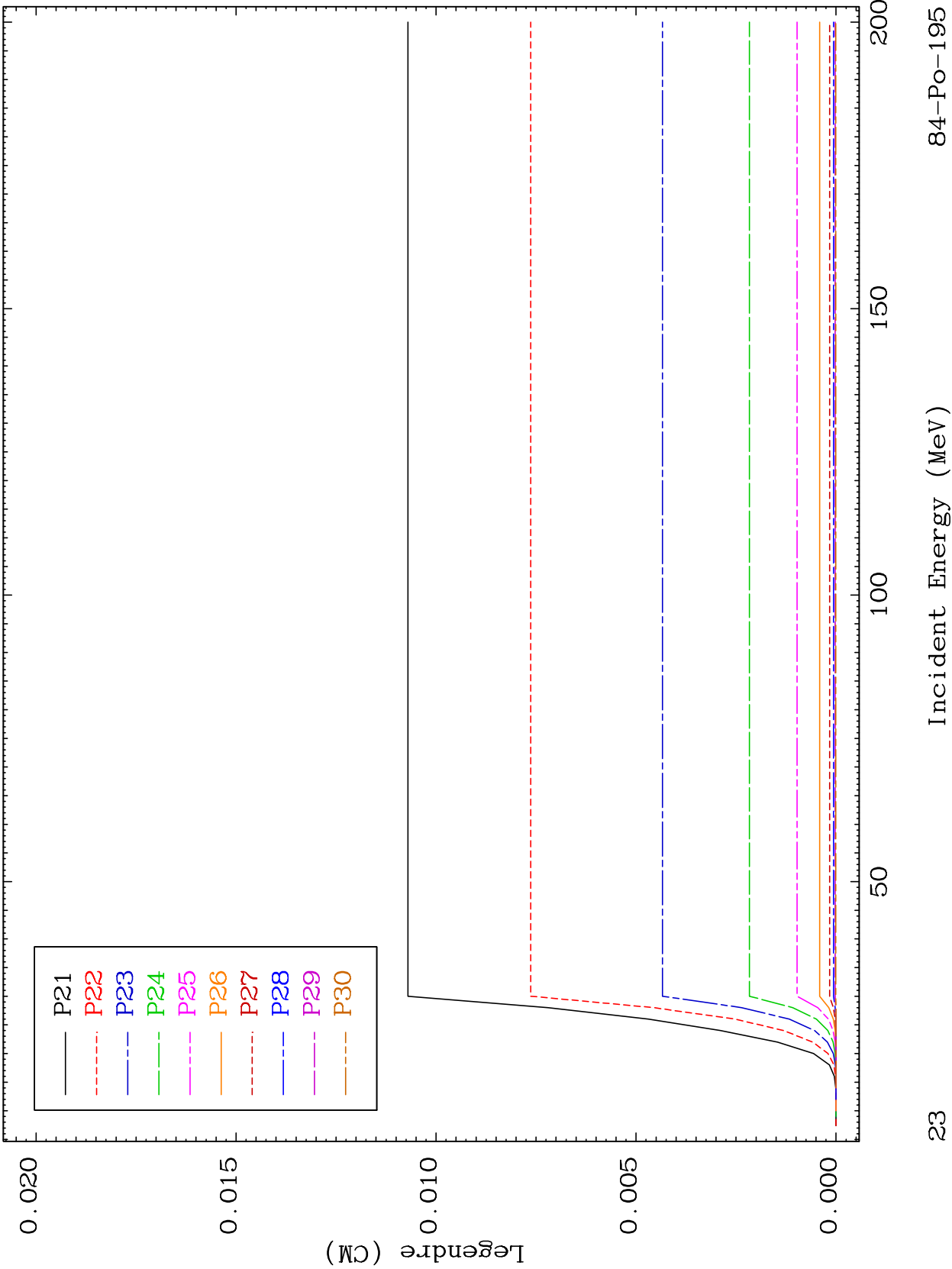
84-Po-195



22

Incident Energy (MeV)

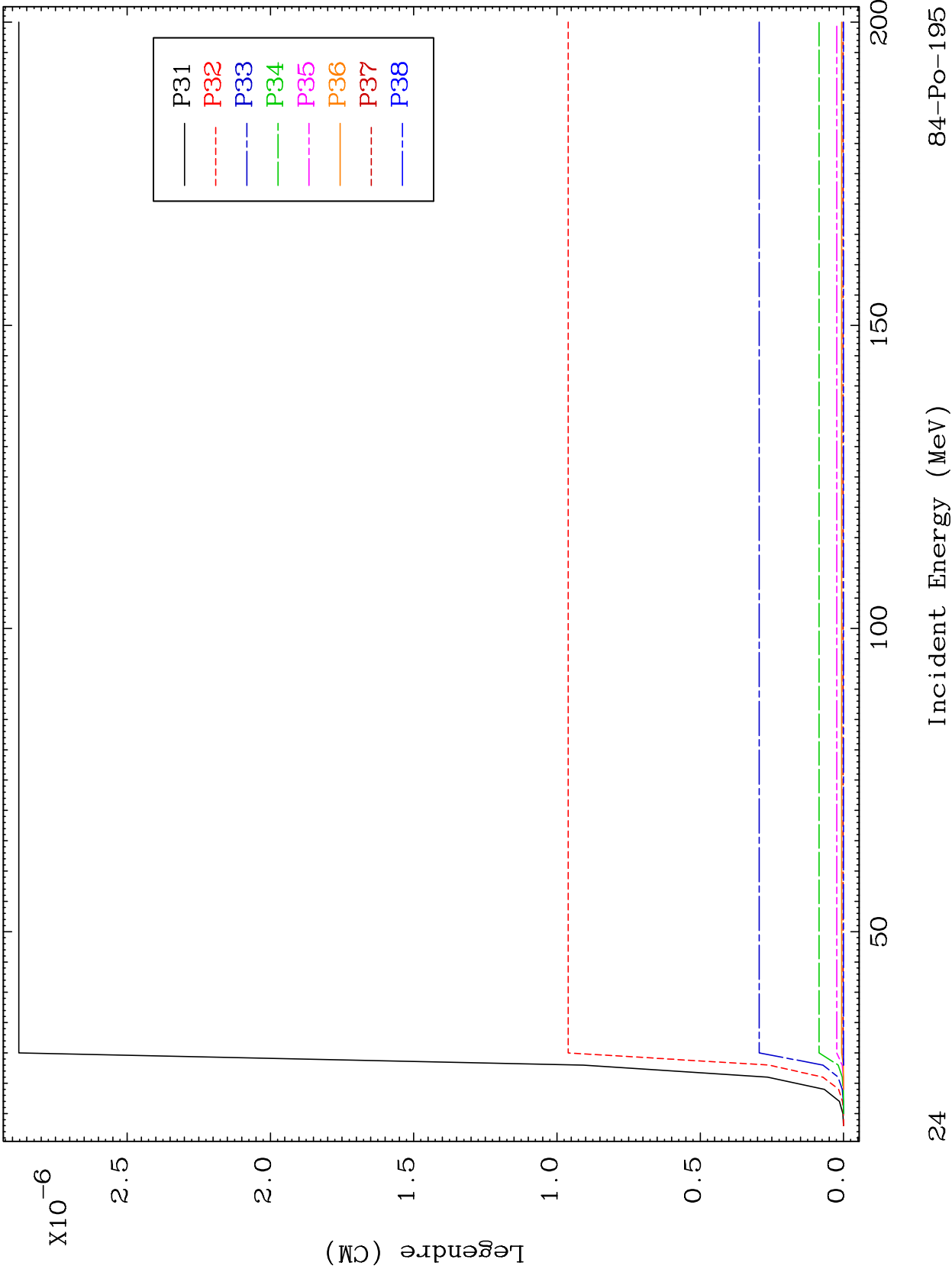
84-Po-195



MAT 8392

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

84-Po-195



24

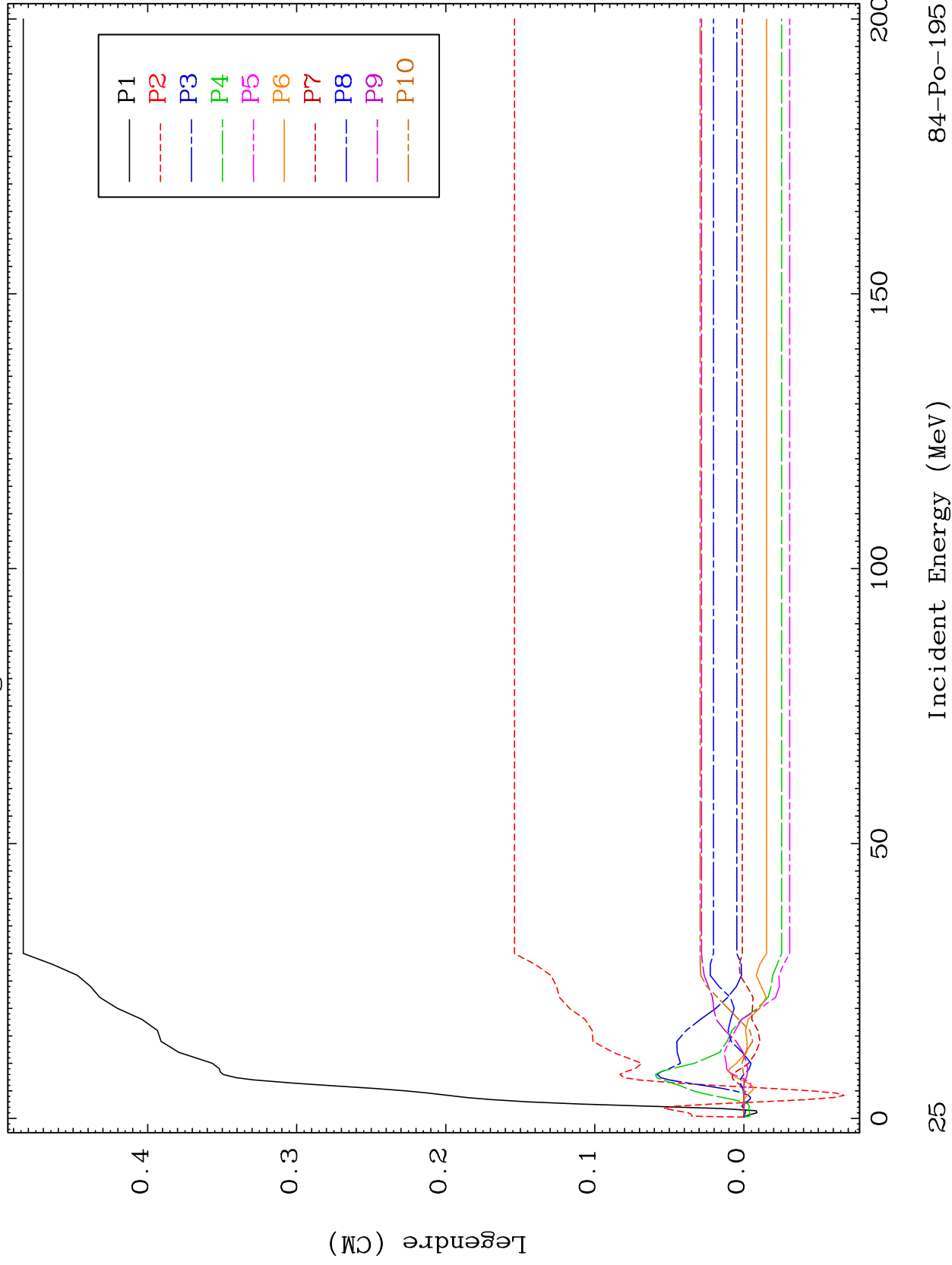
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

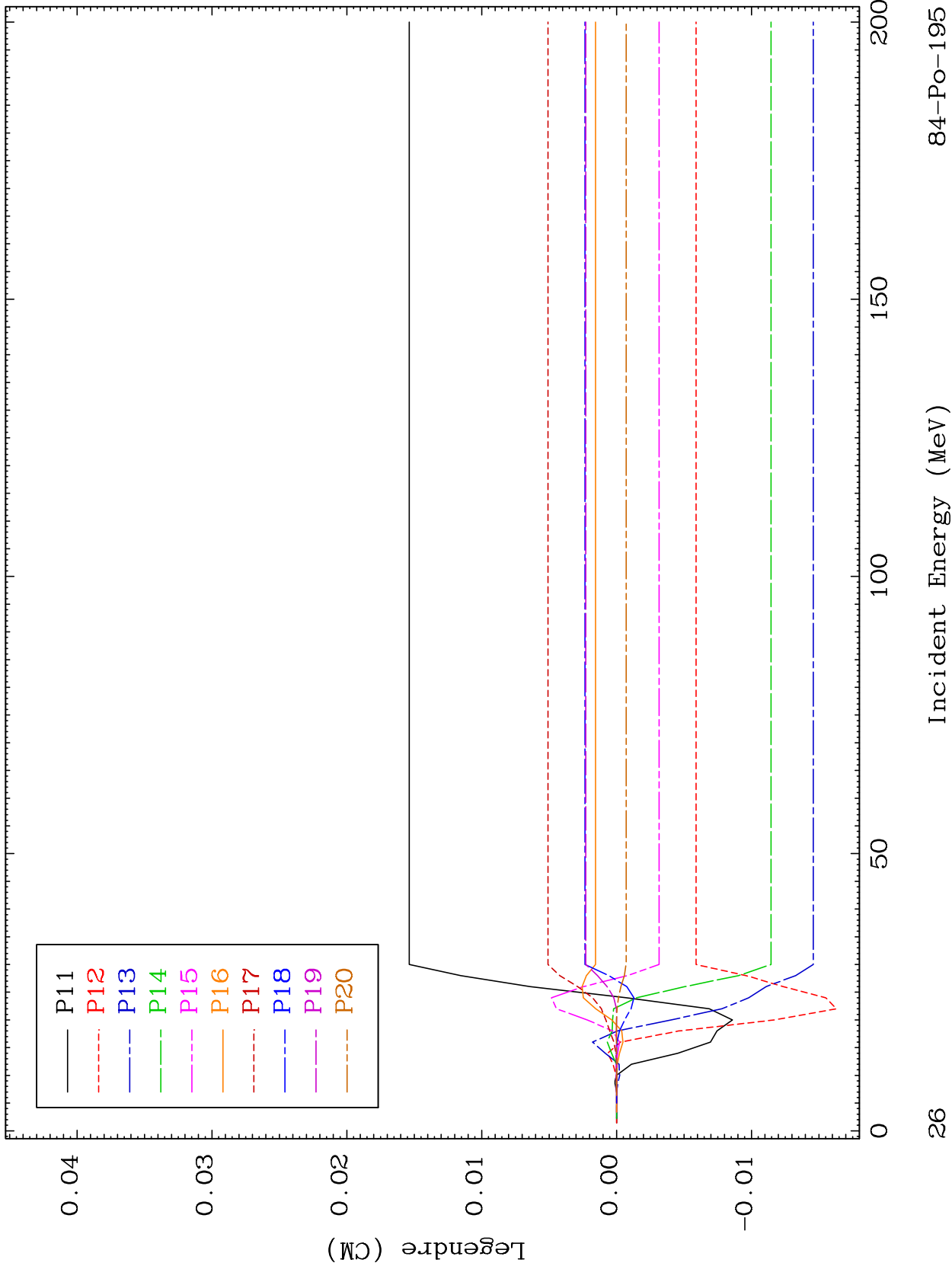
Incident Energy (MeV)

25

MAT 8392

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

84-Po-195



84-Po-195

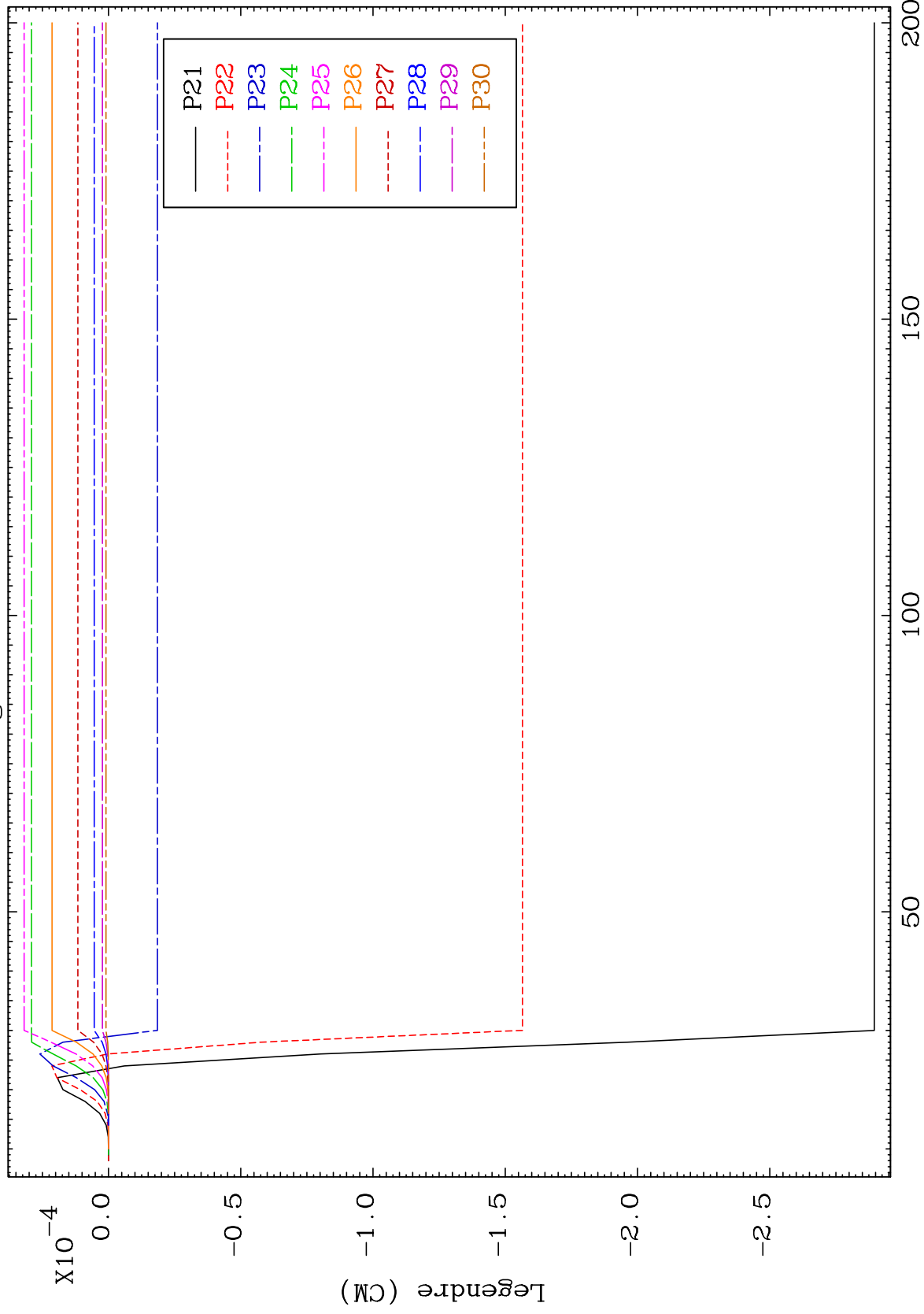
Incident Energy (MeV)

26

MAT 8392

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

84-Po-195



27

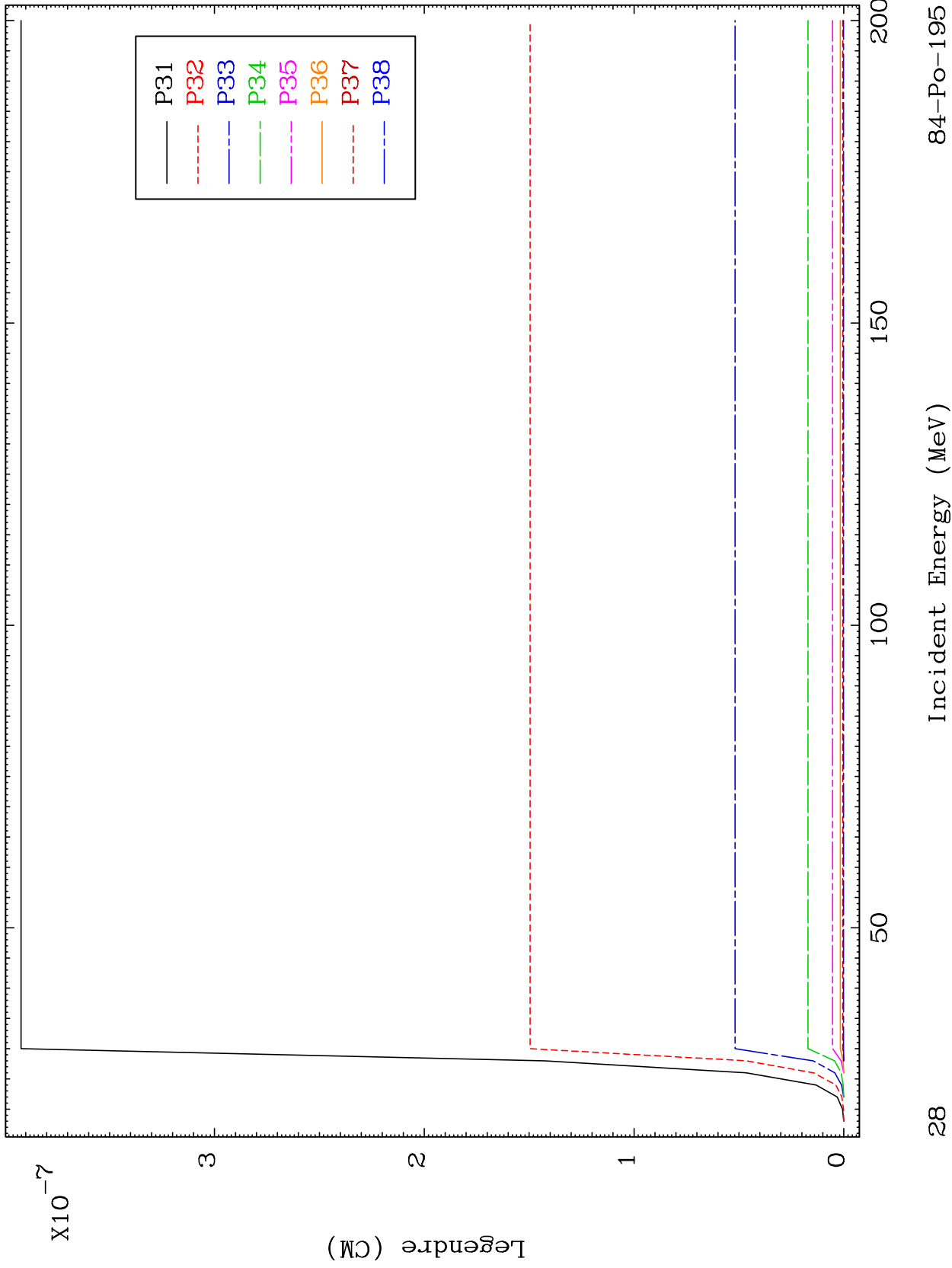
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



28

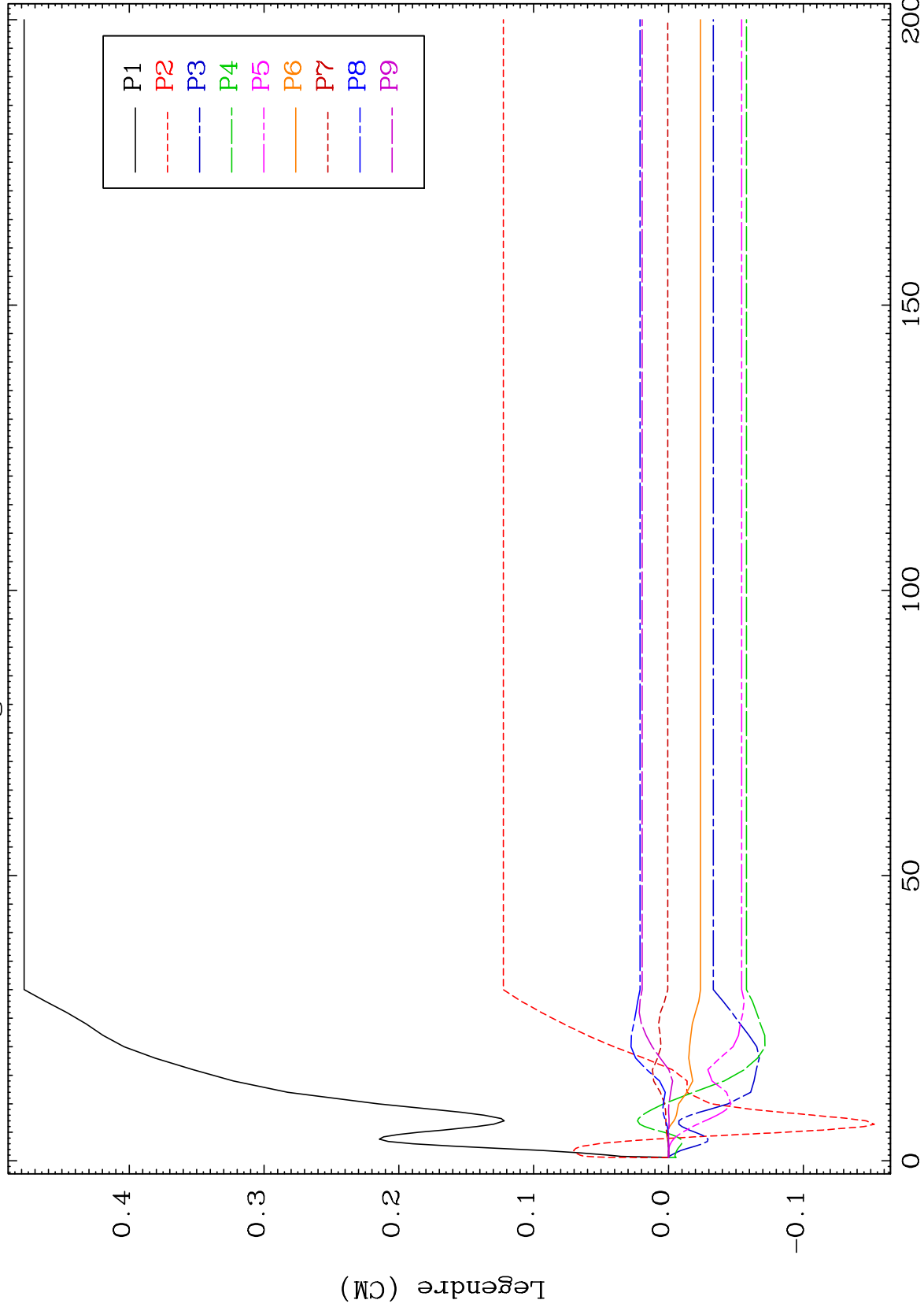
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



29

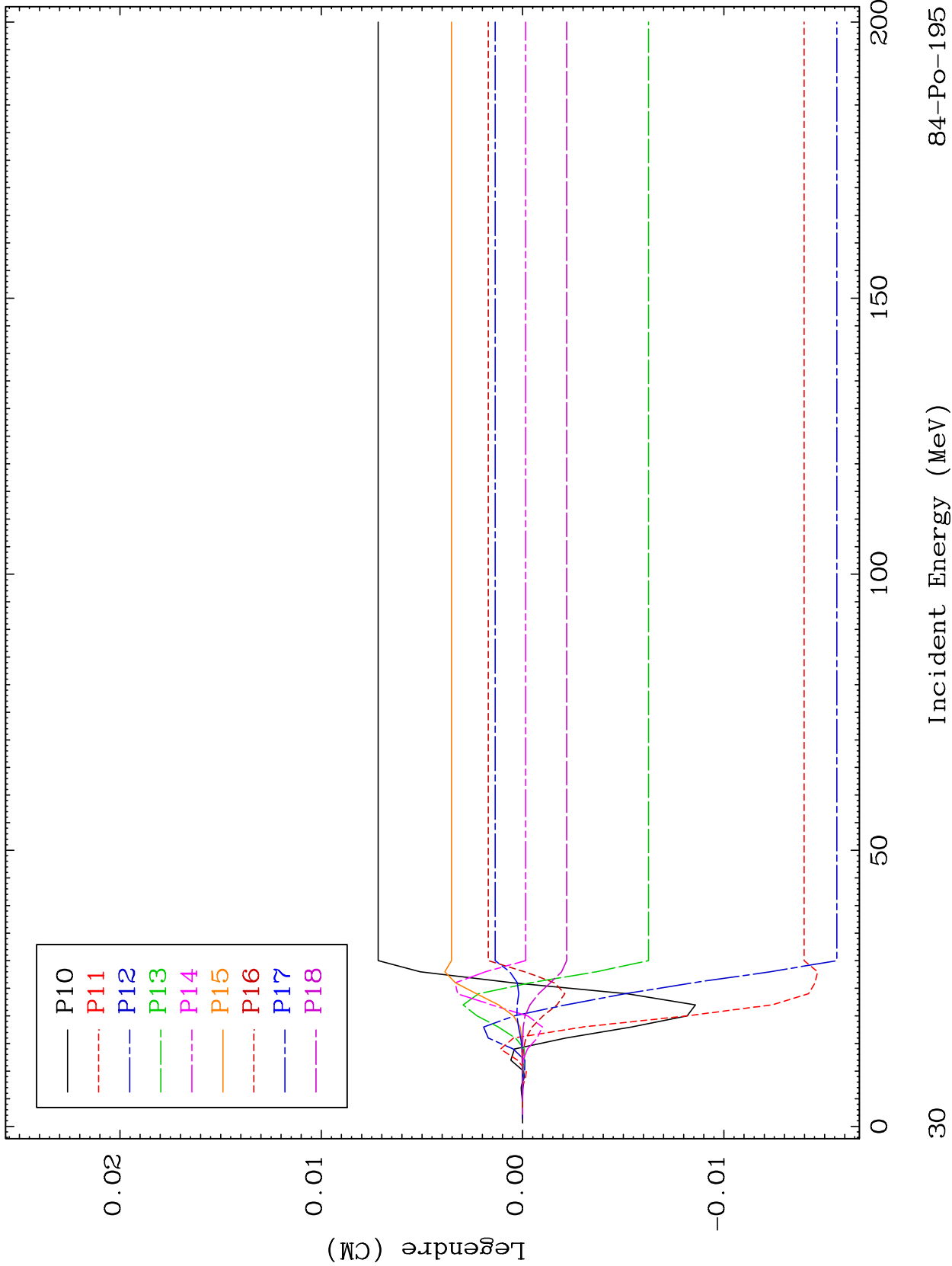
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195

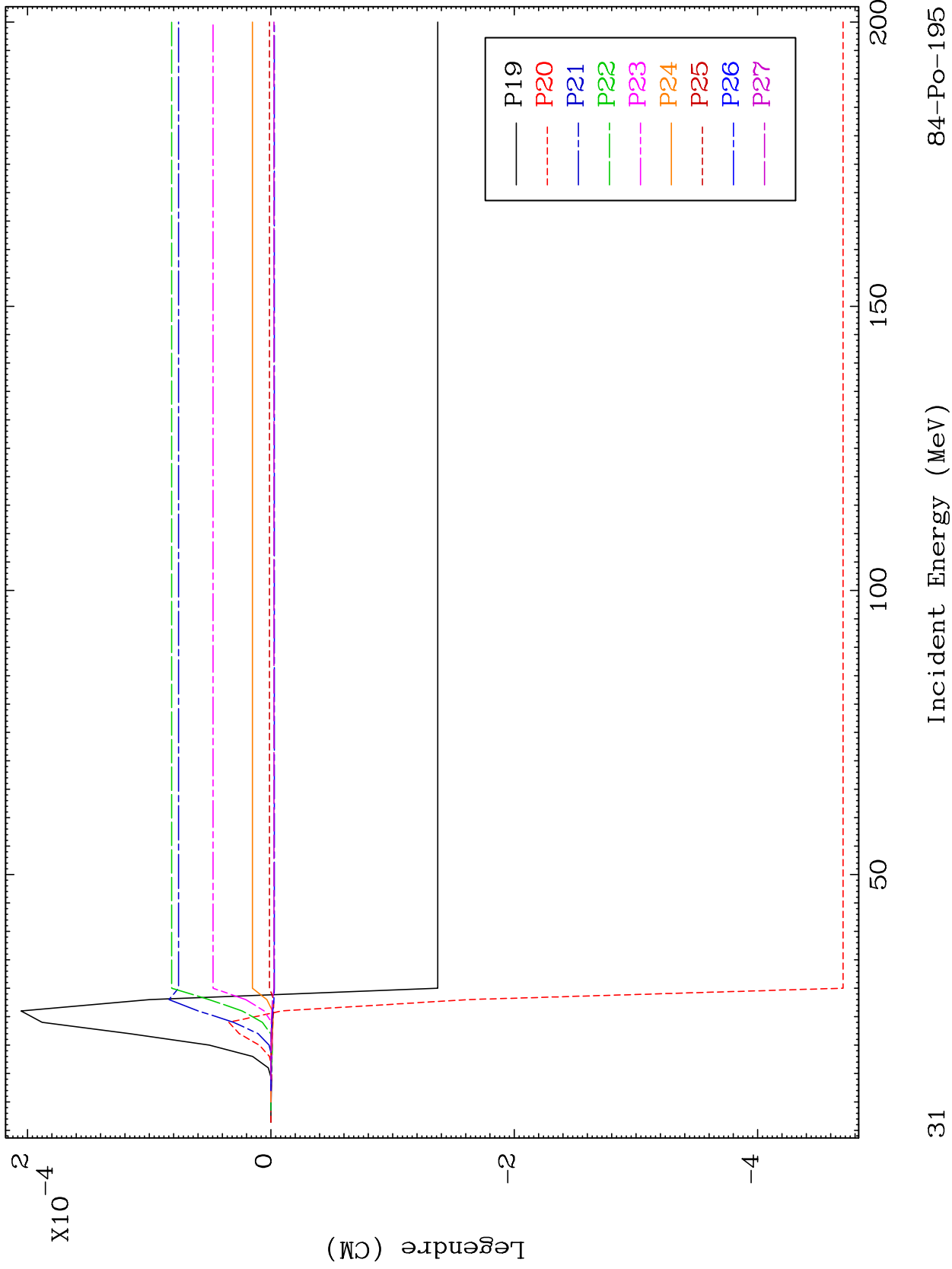


84-Po-195

MAT 8392

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

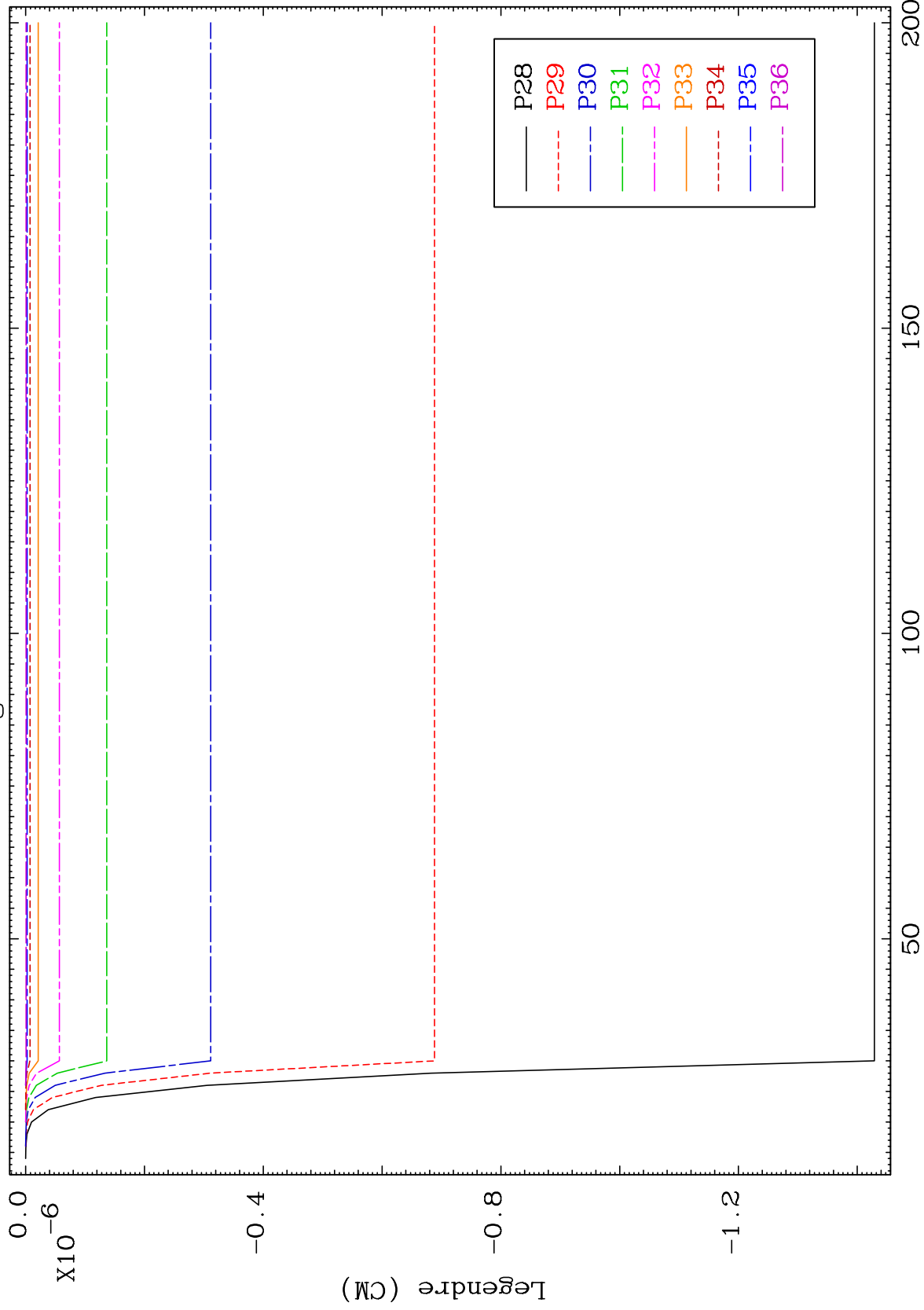
84-Po-195



MAT 8392

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

84-Po-195



32

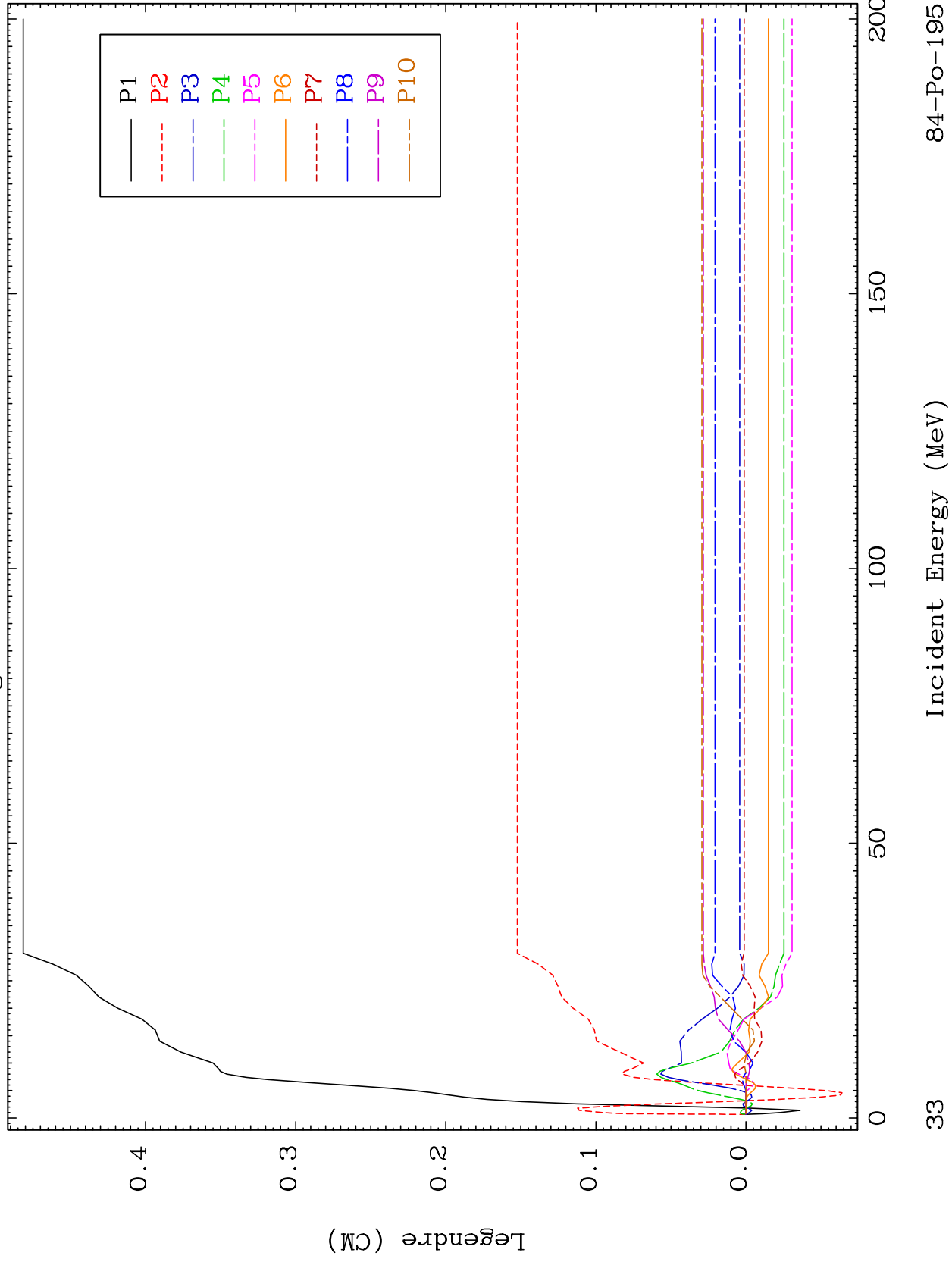
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195

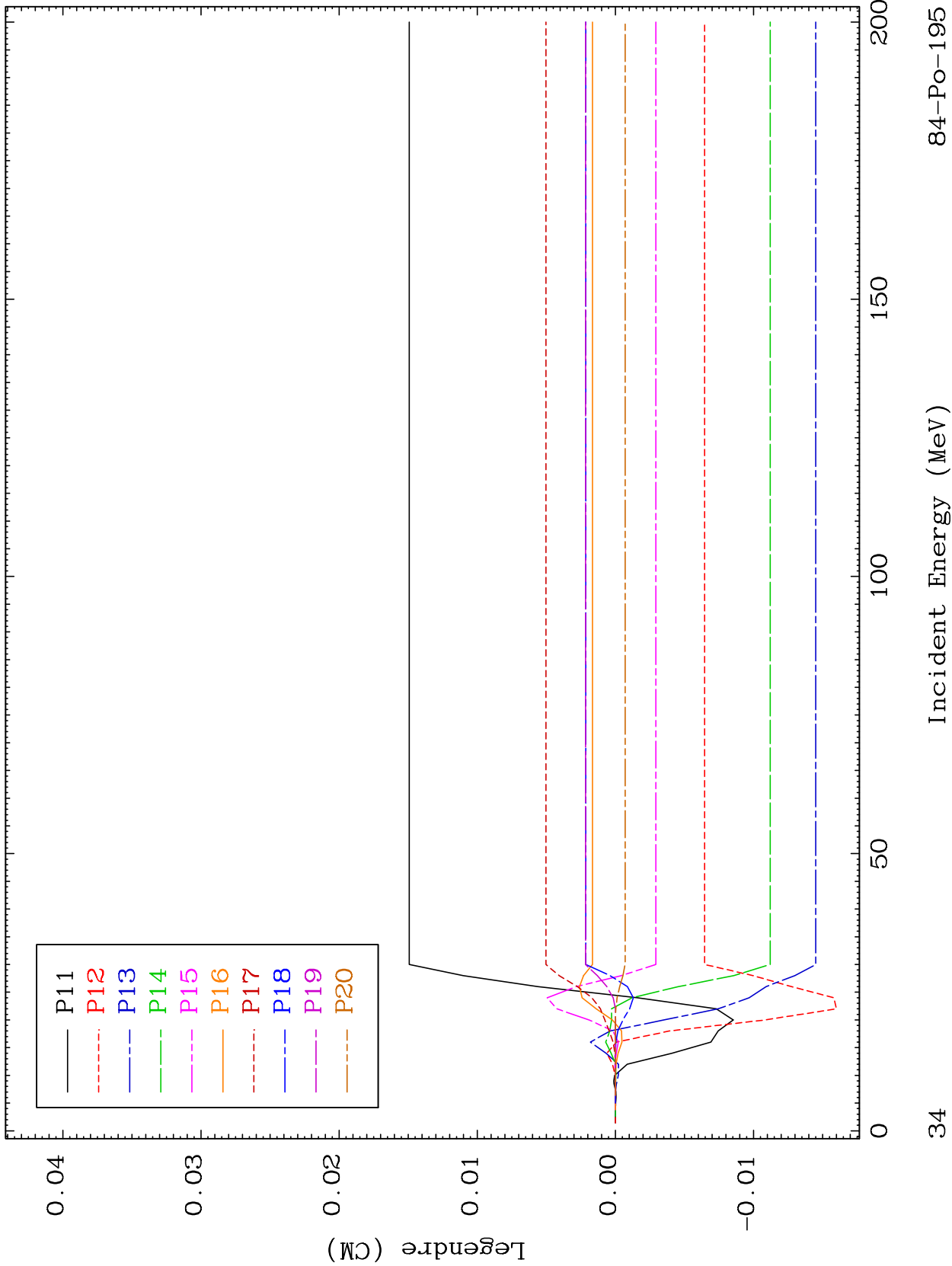


84-Po-195

MAT 8392

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

84-Po-195



34

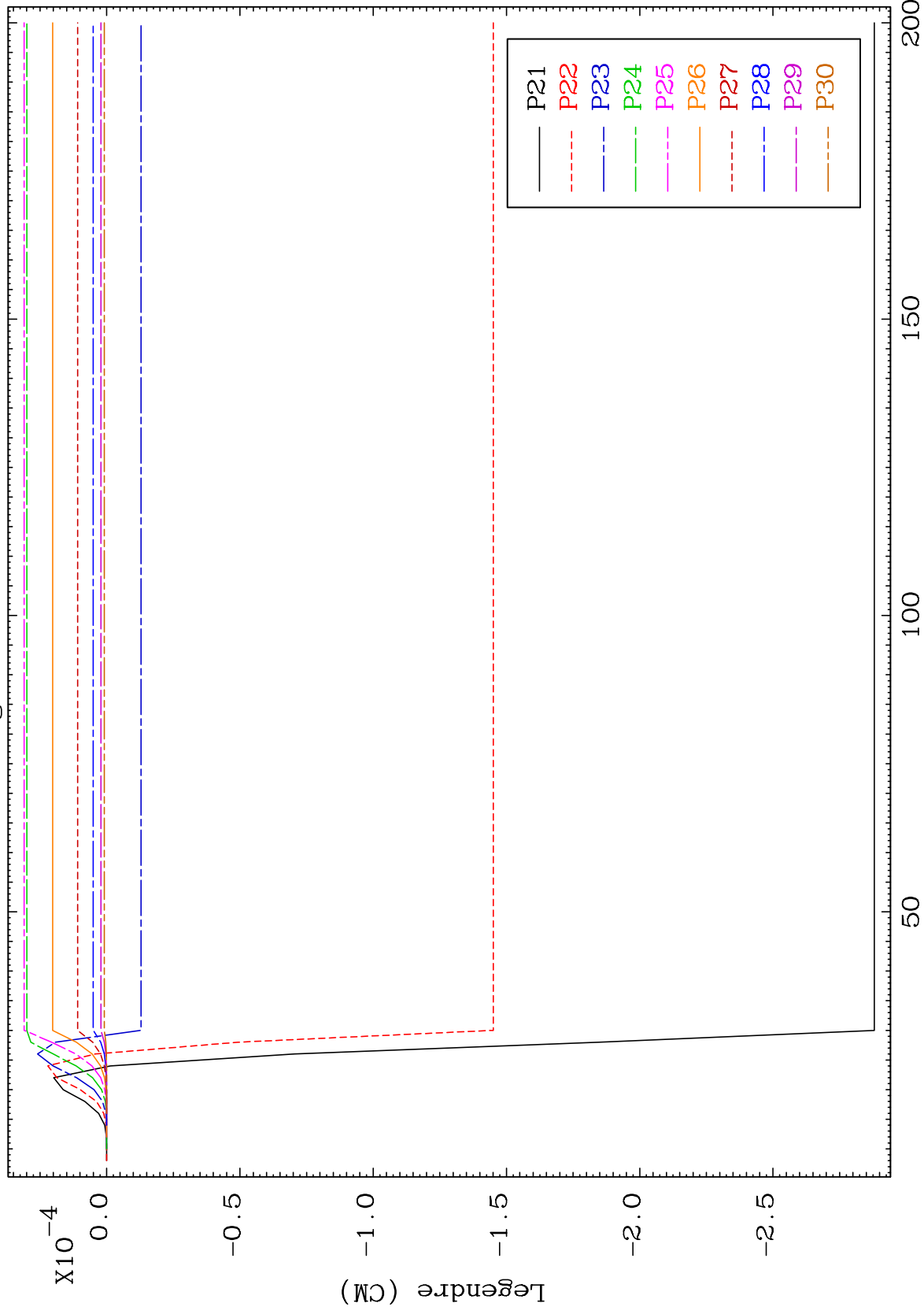
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

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



35

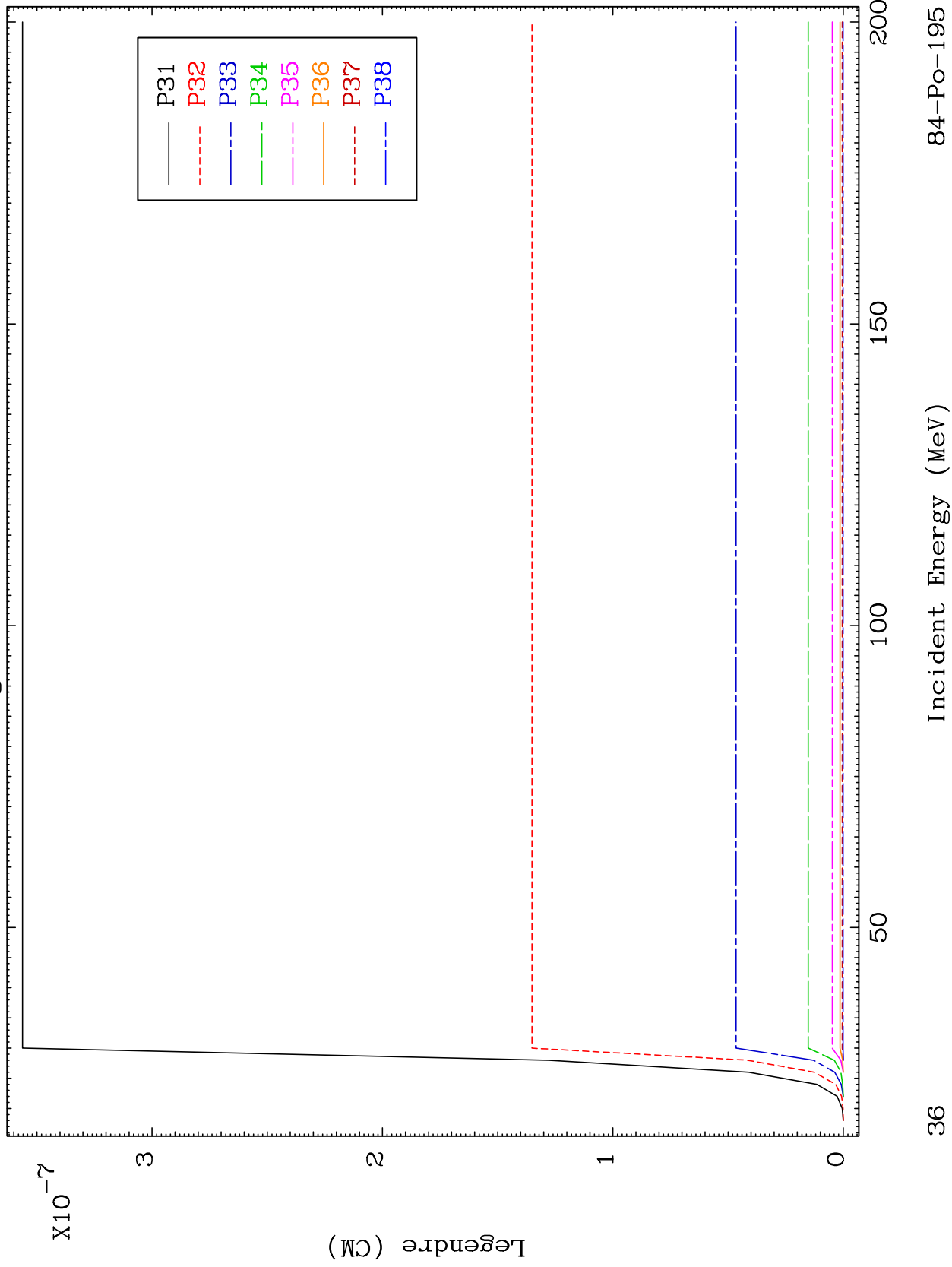
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



36

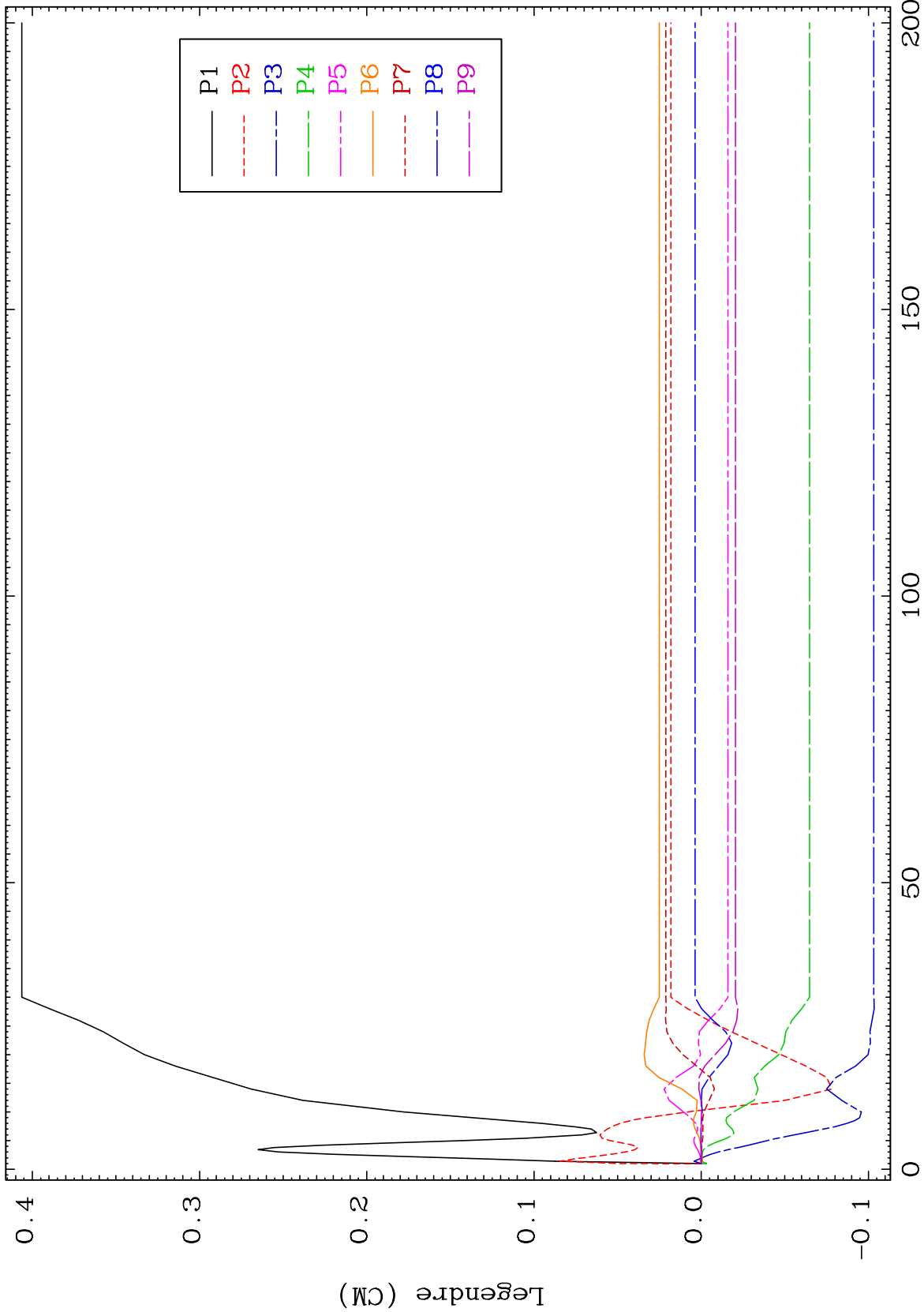
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



37

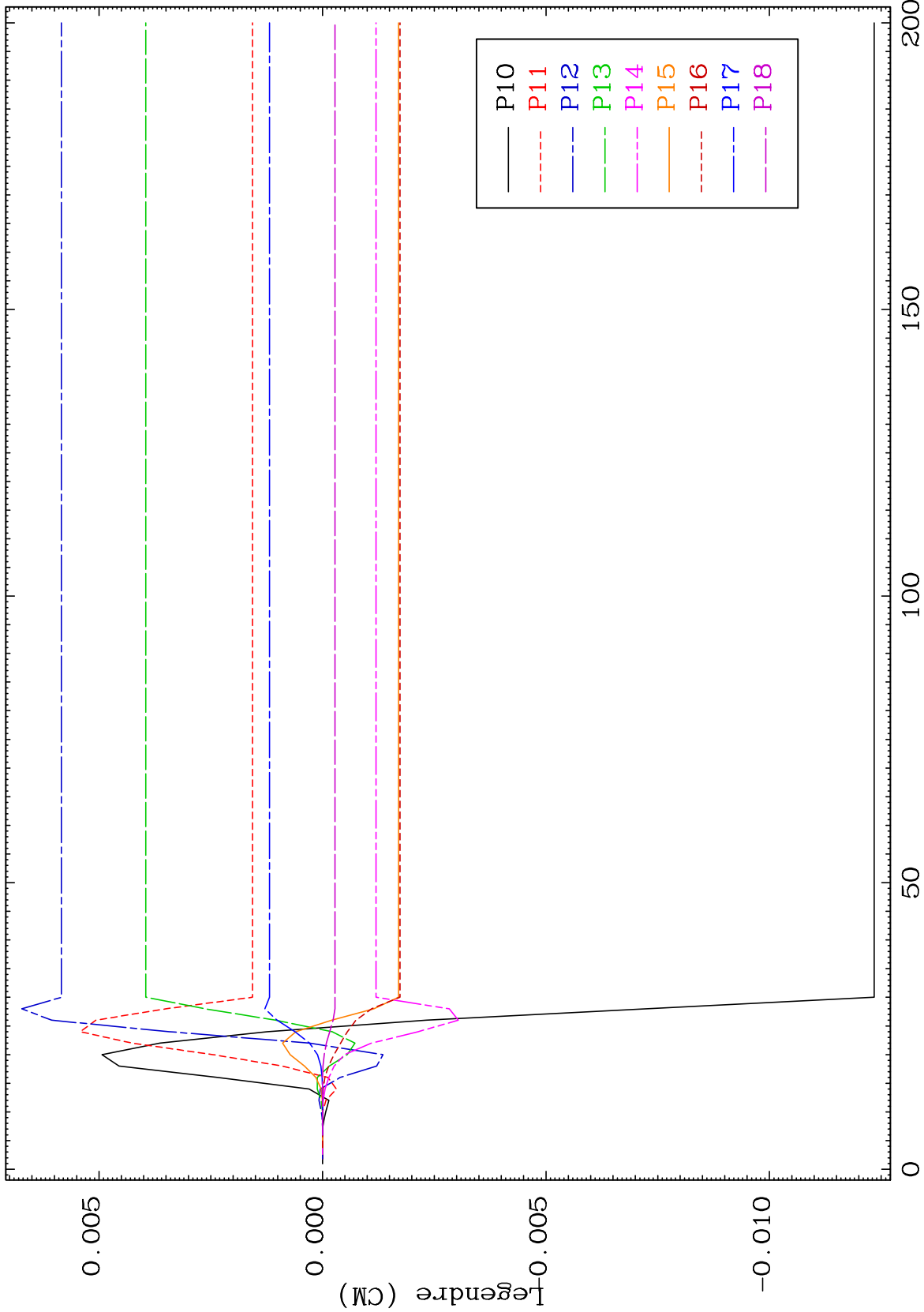
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



38

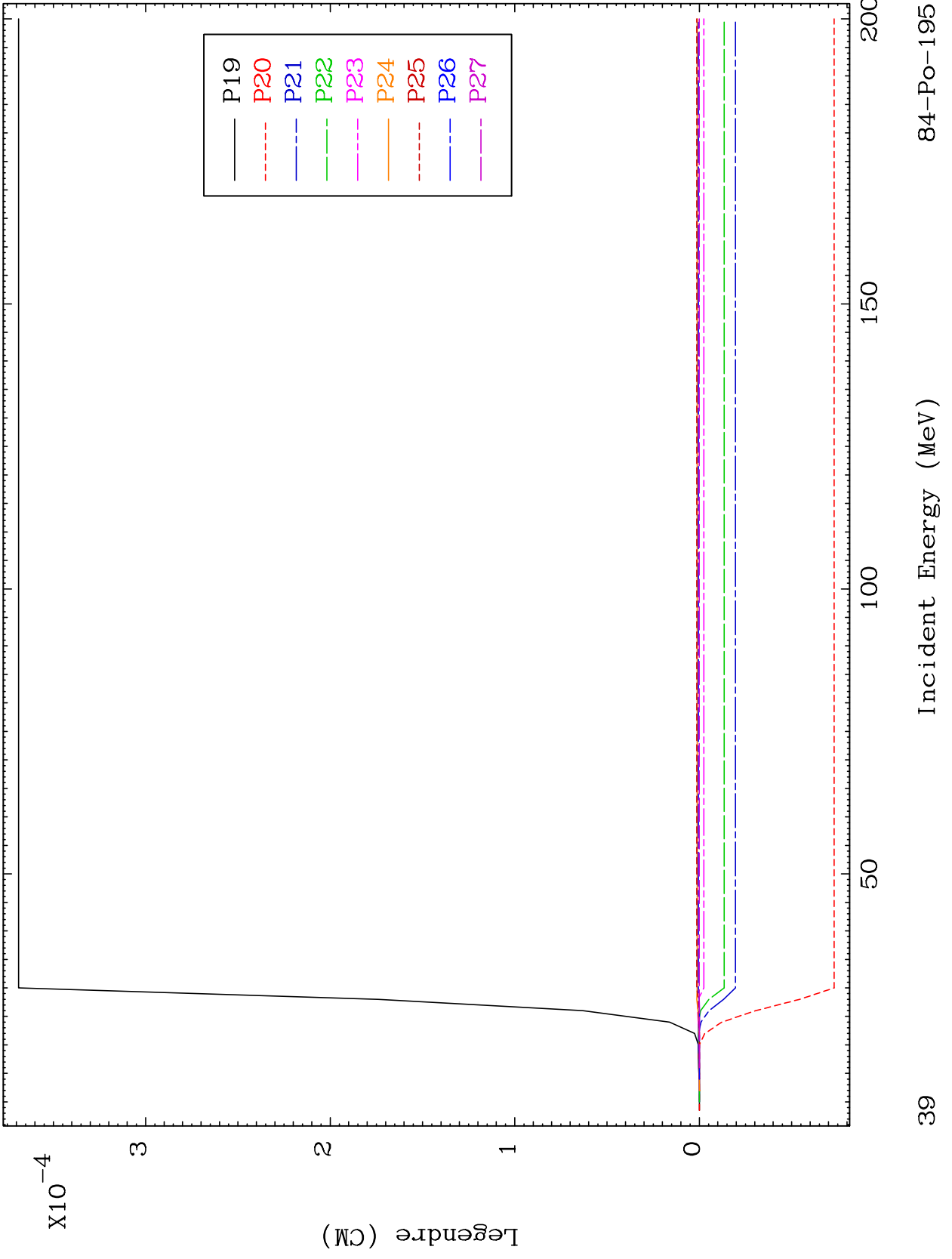
Incident Energy (MeV)

84-Po-195

MAT 8392

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

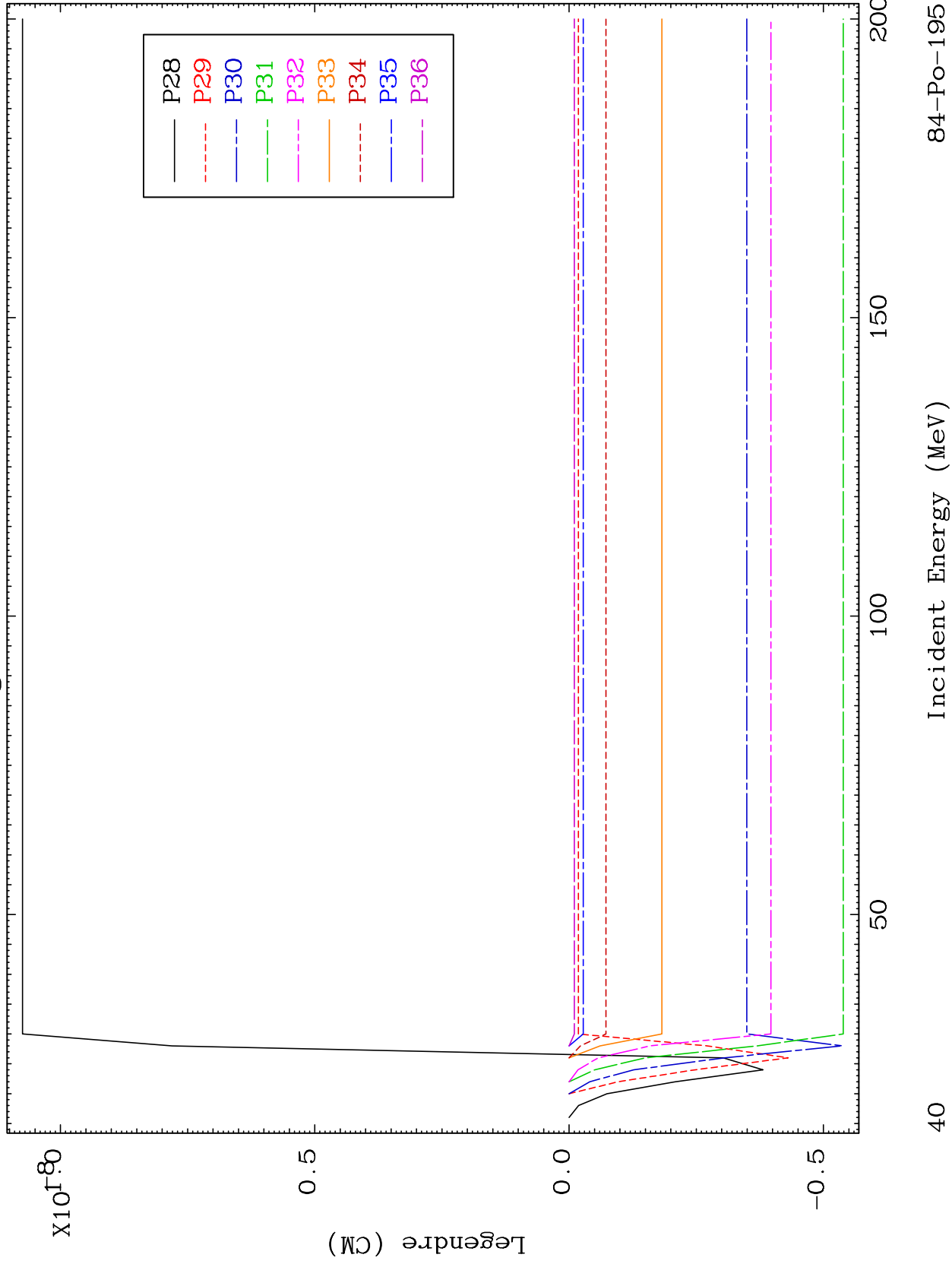
84-Po-195



MAT 8392

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

84-Po-195



84-Po-195

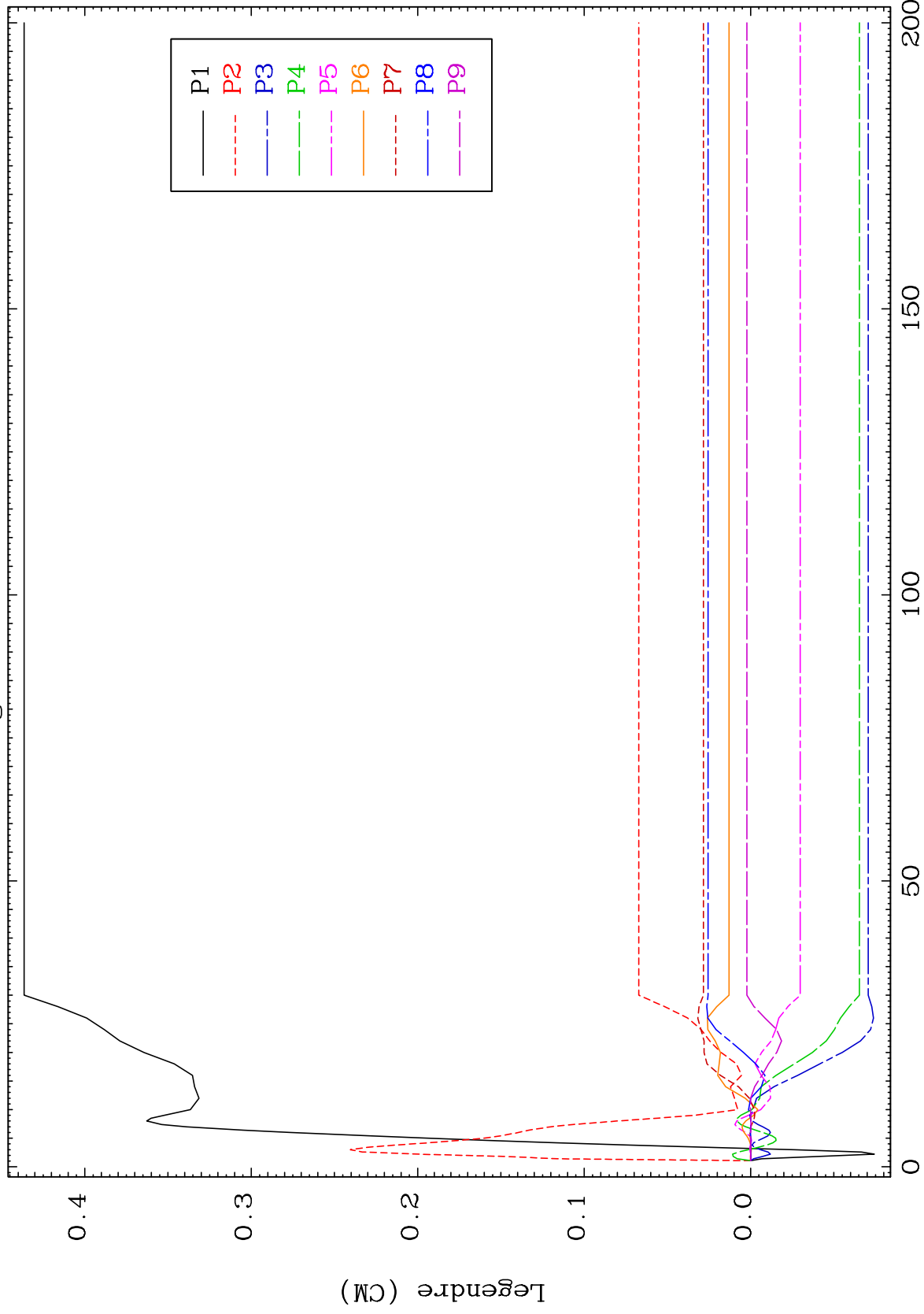
Incident Energy (MeV)

40

MAT 8392

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

84-Po-195



41

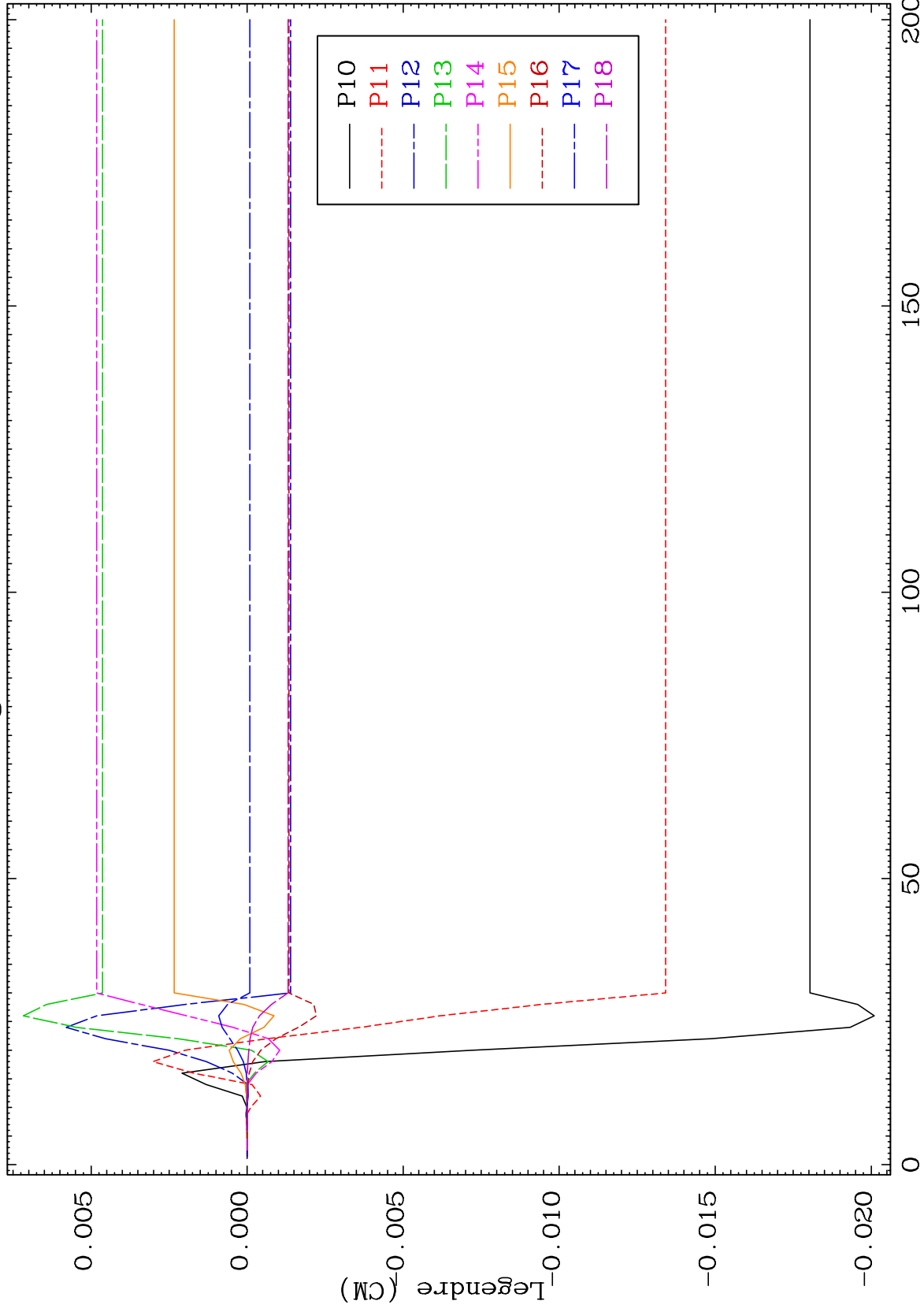
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



42

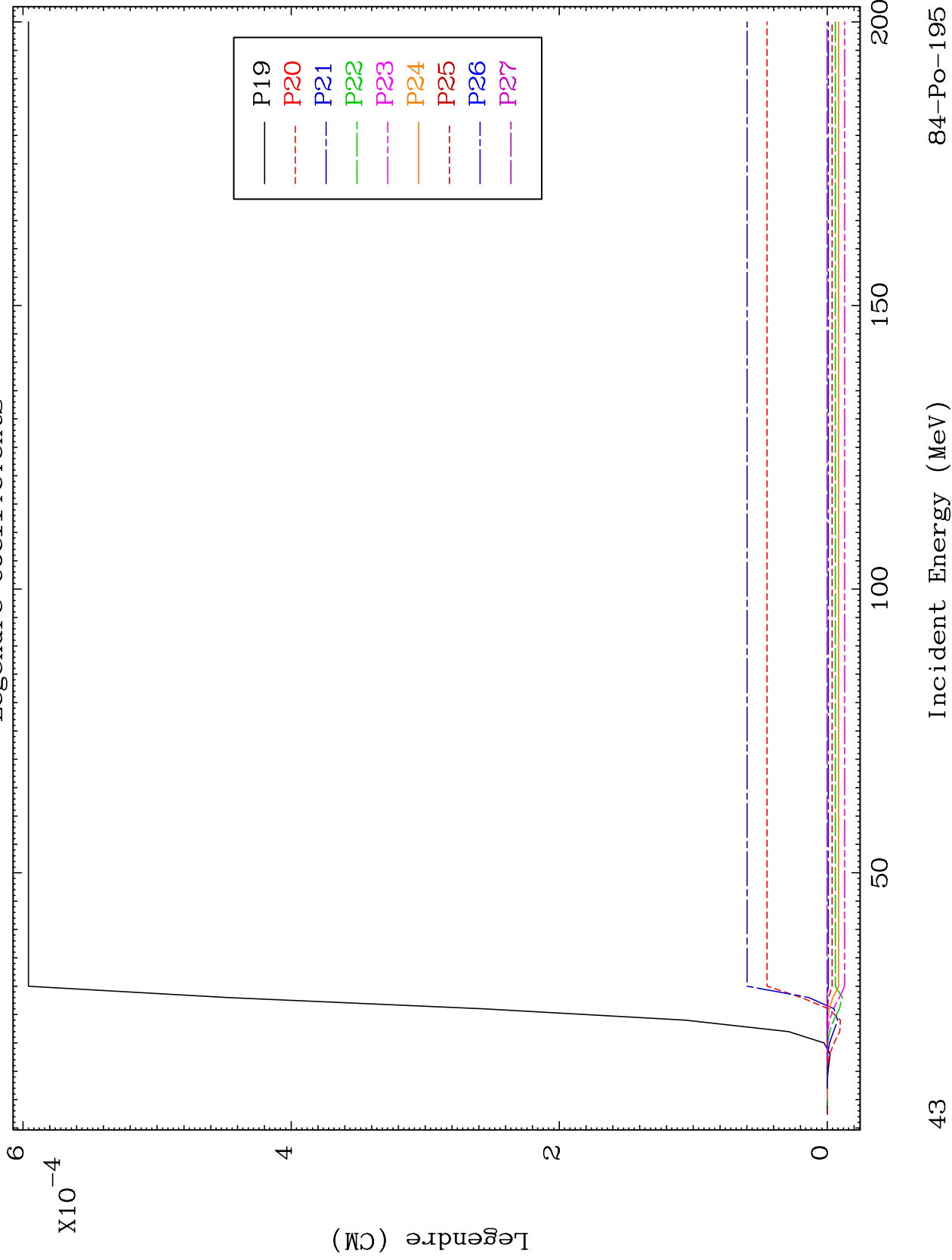
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



43

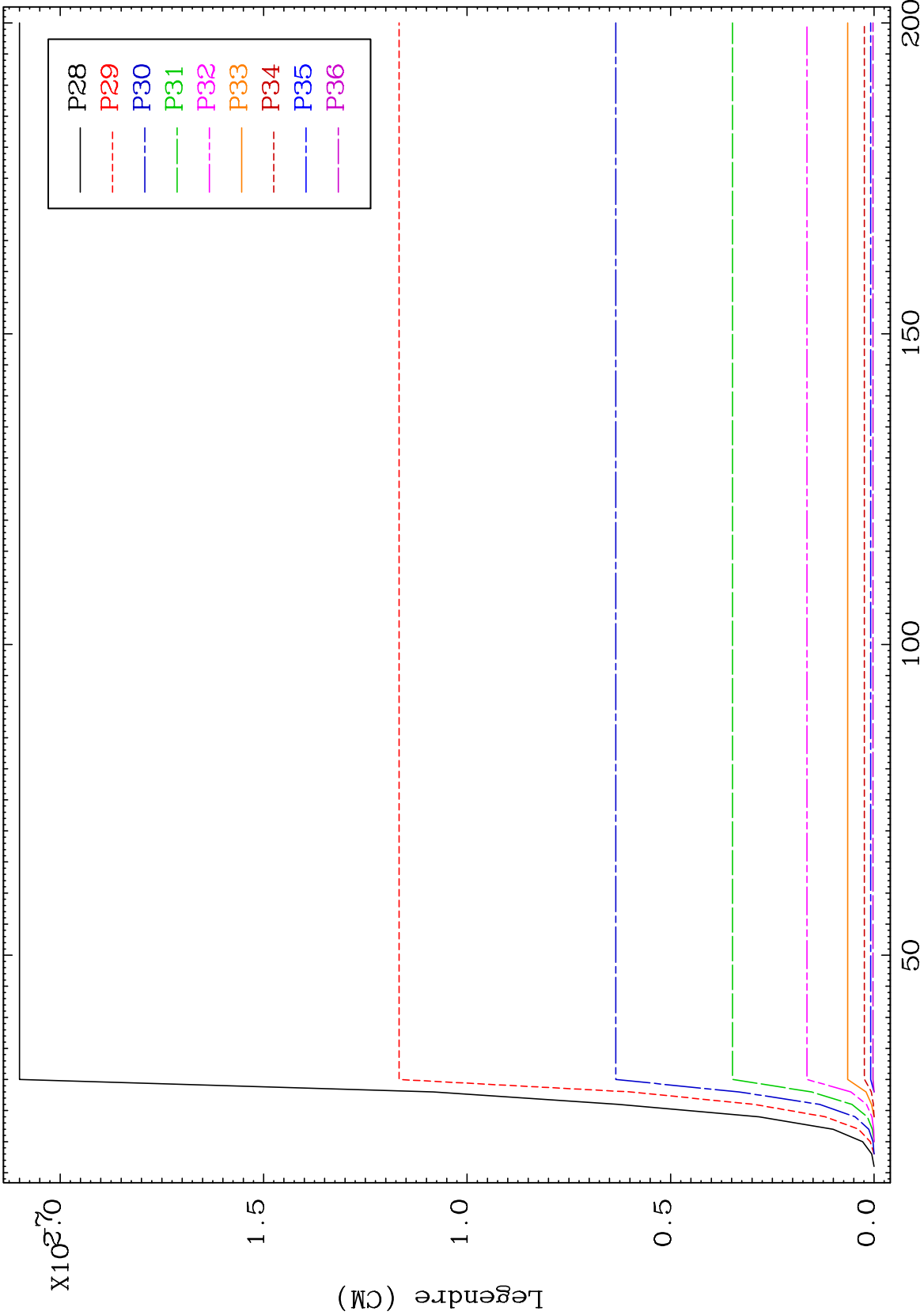
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



44

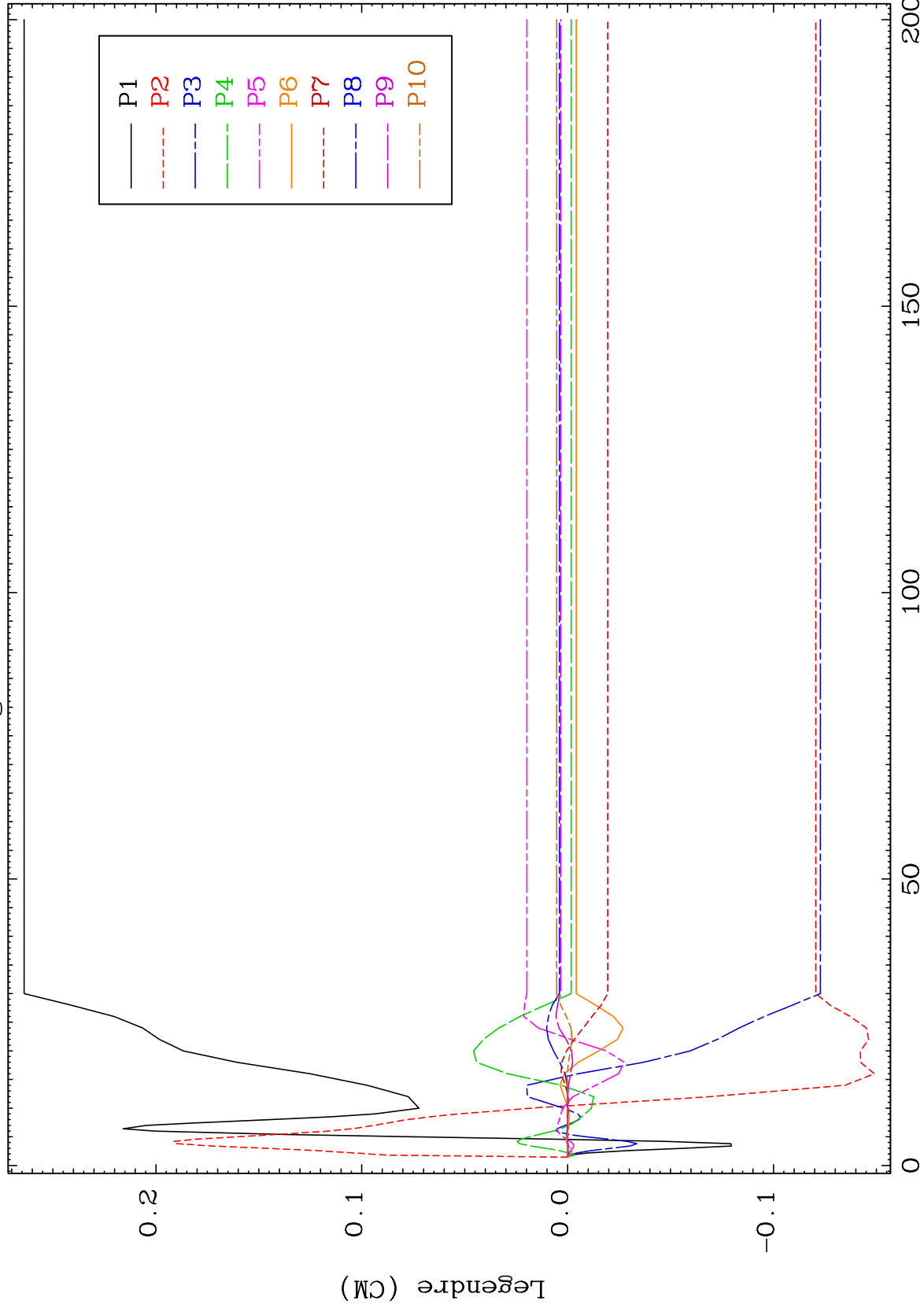
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

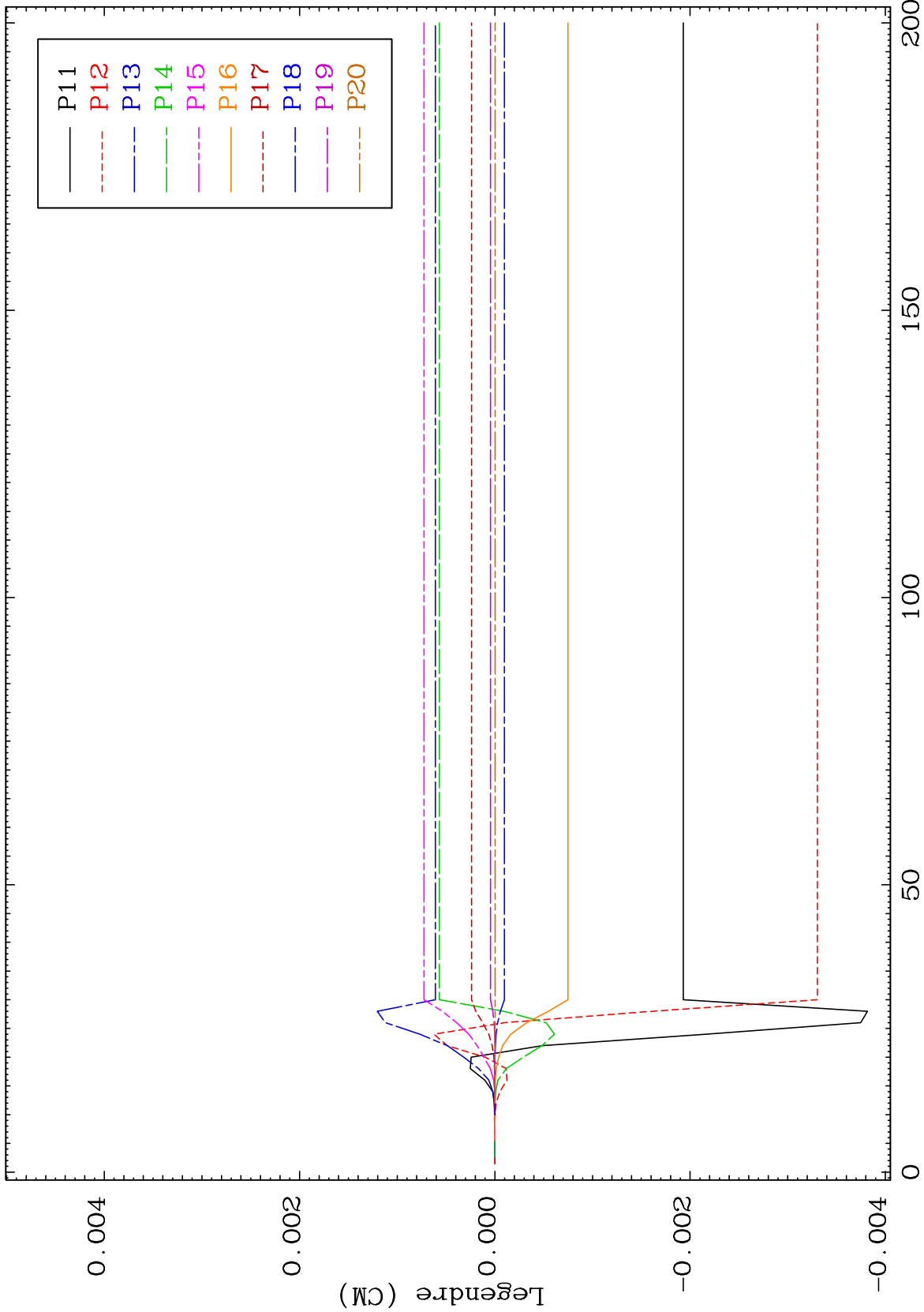
Incident Energy (MeV)

45

MAT 8392

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

84-Po-195



46

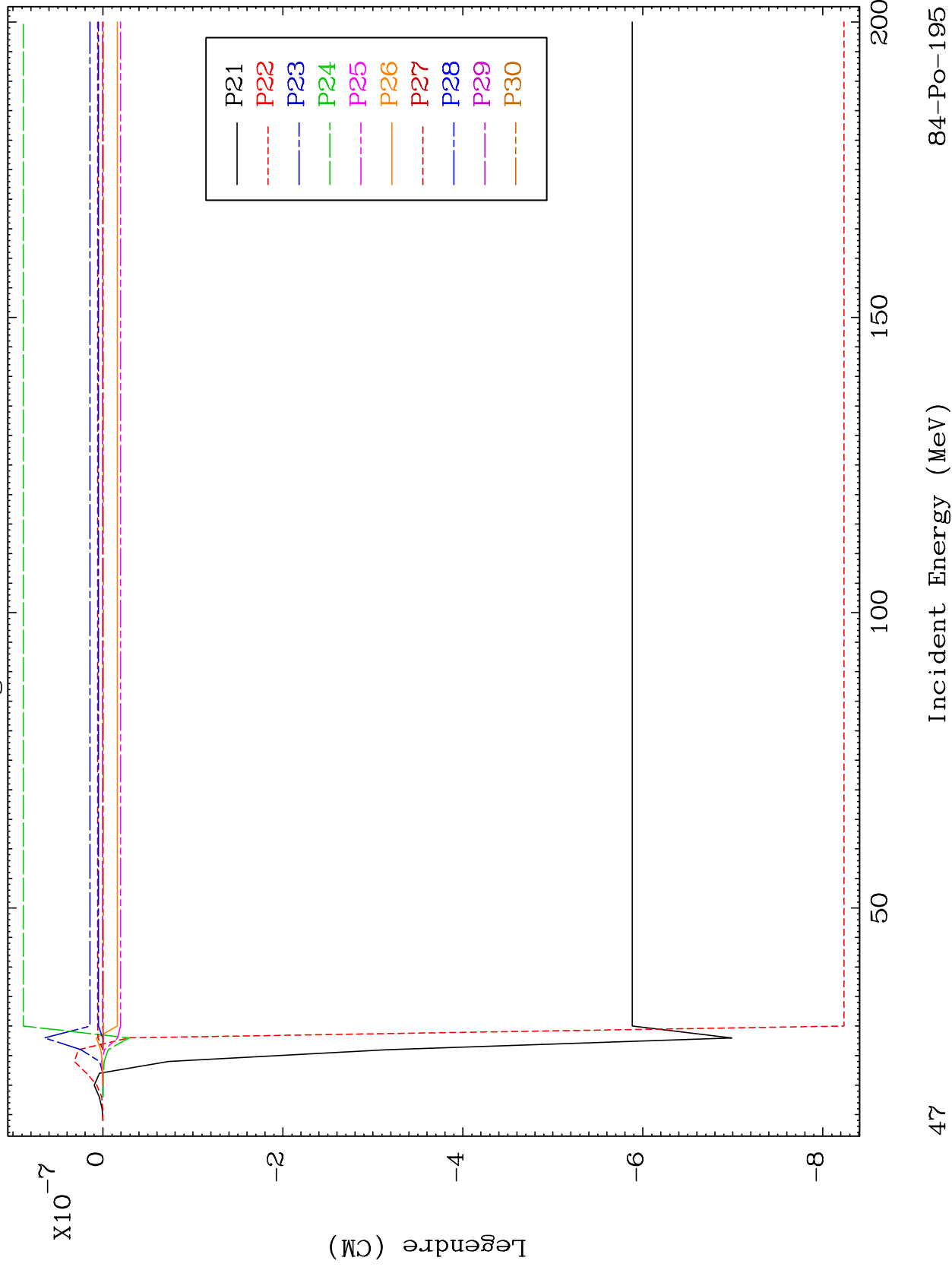
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



47

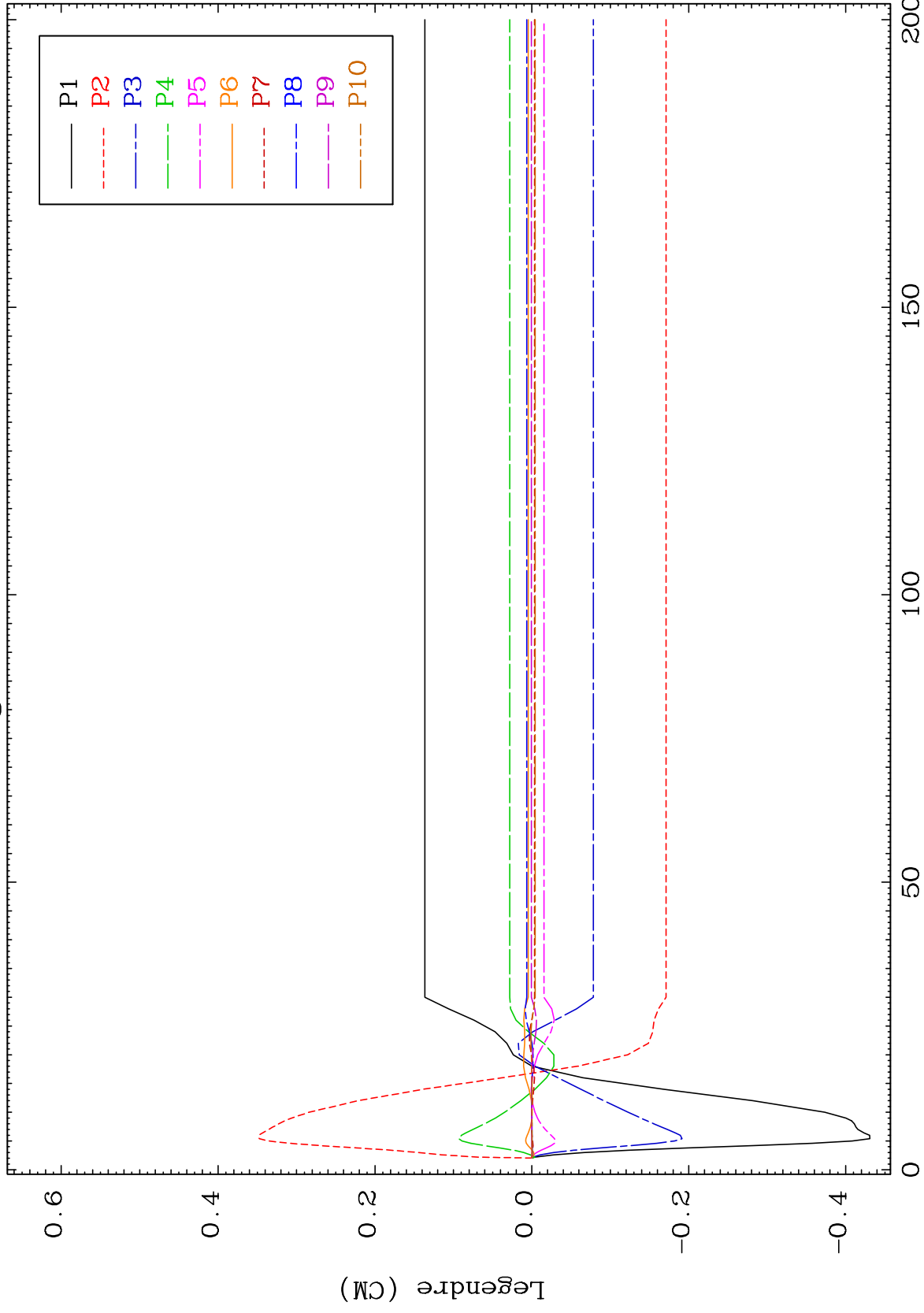
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



48

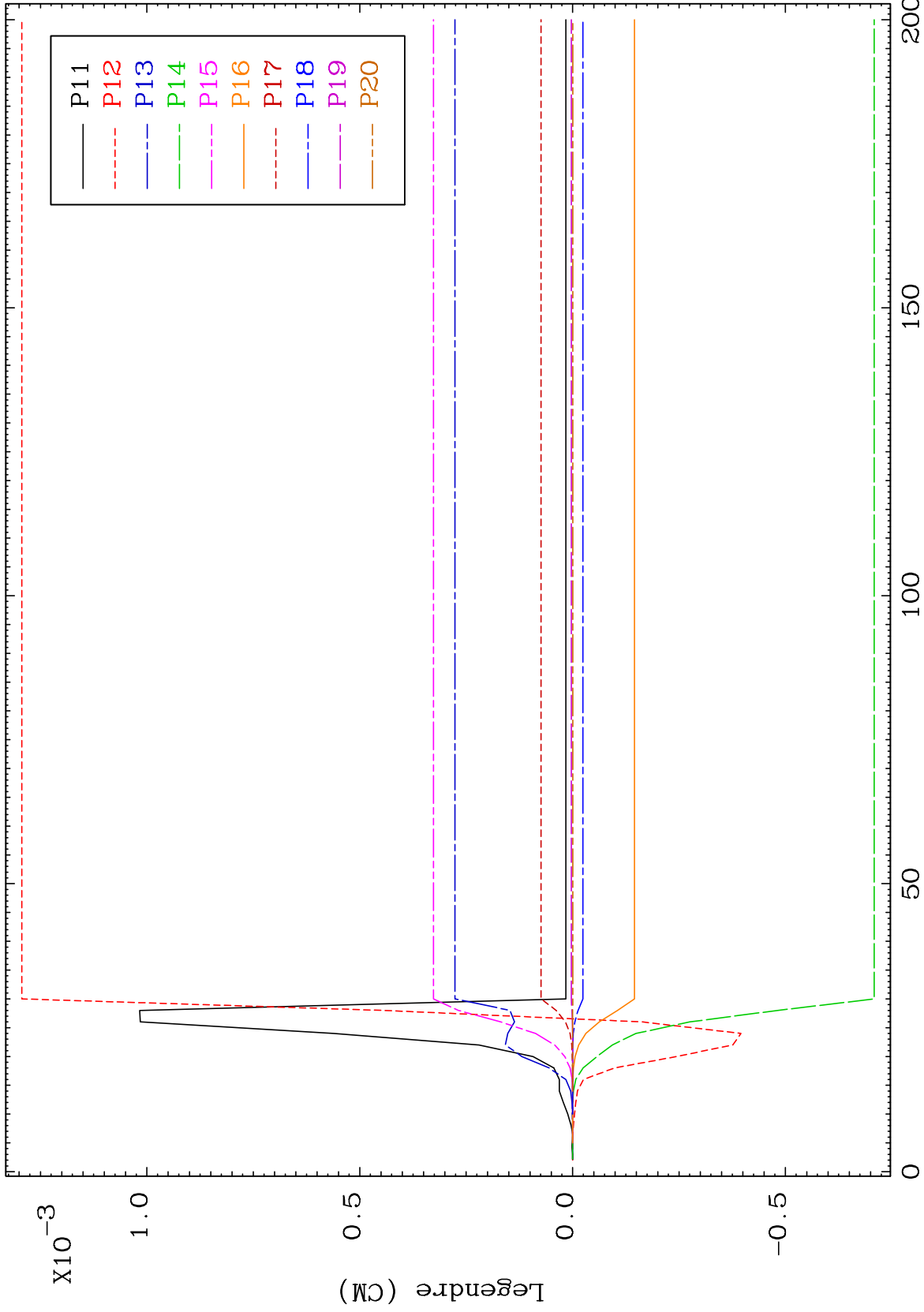
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



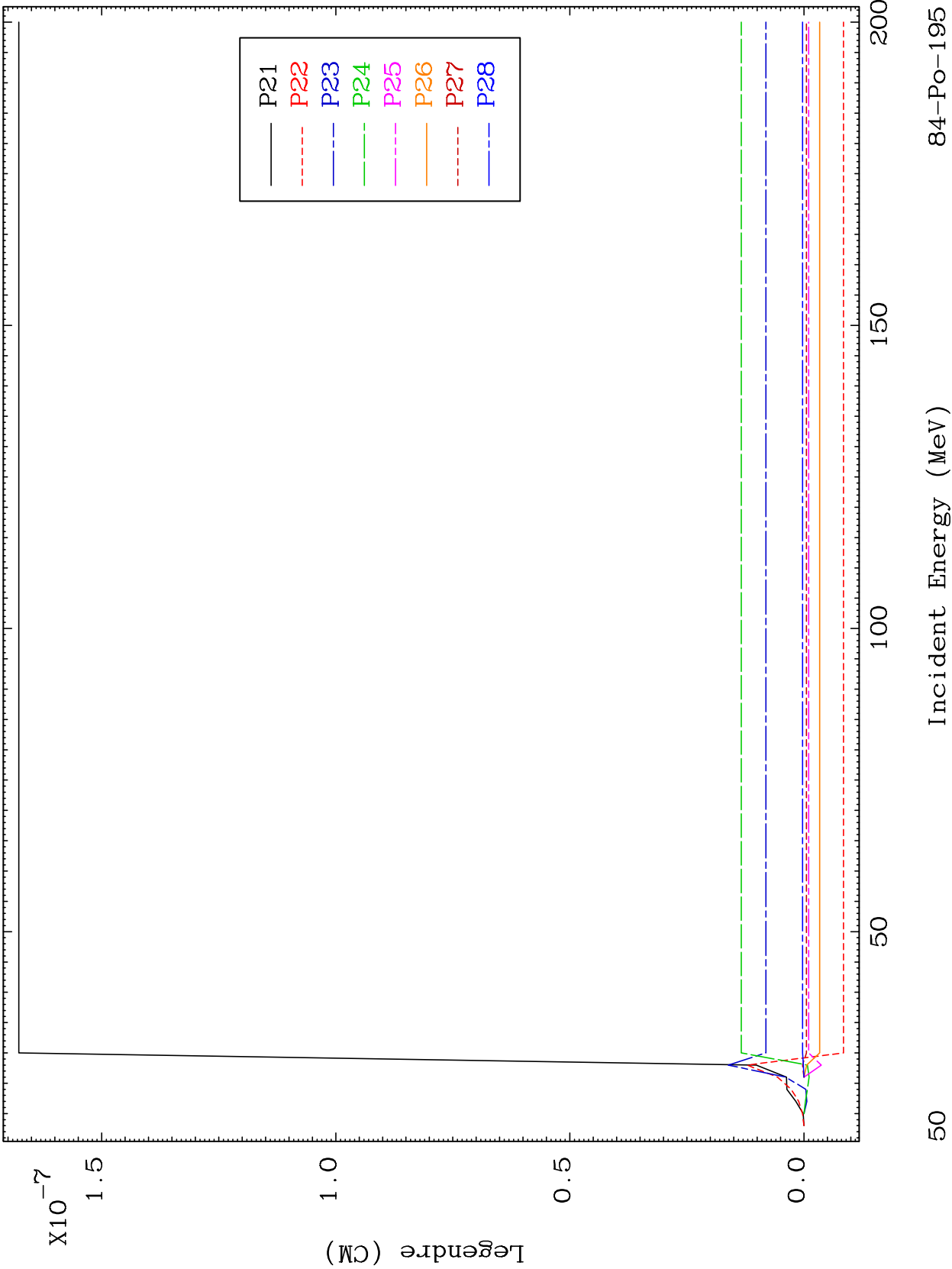
49

84-Po-195

MAT 8392

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

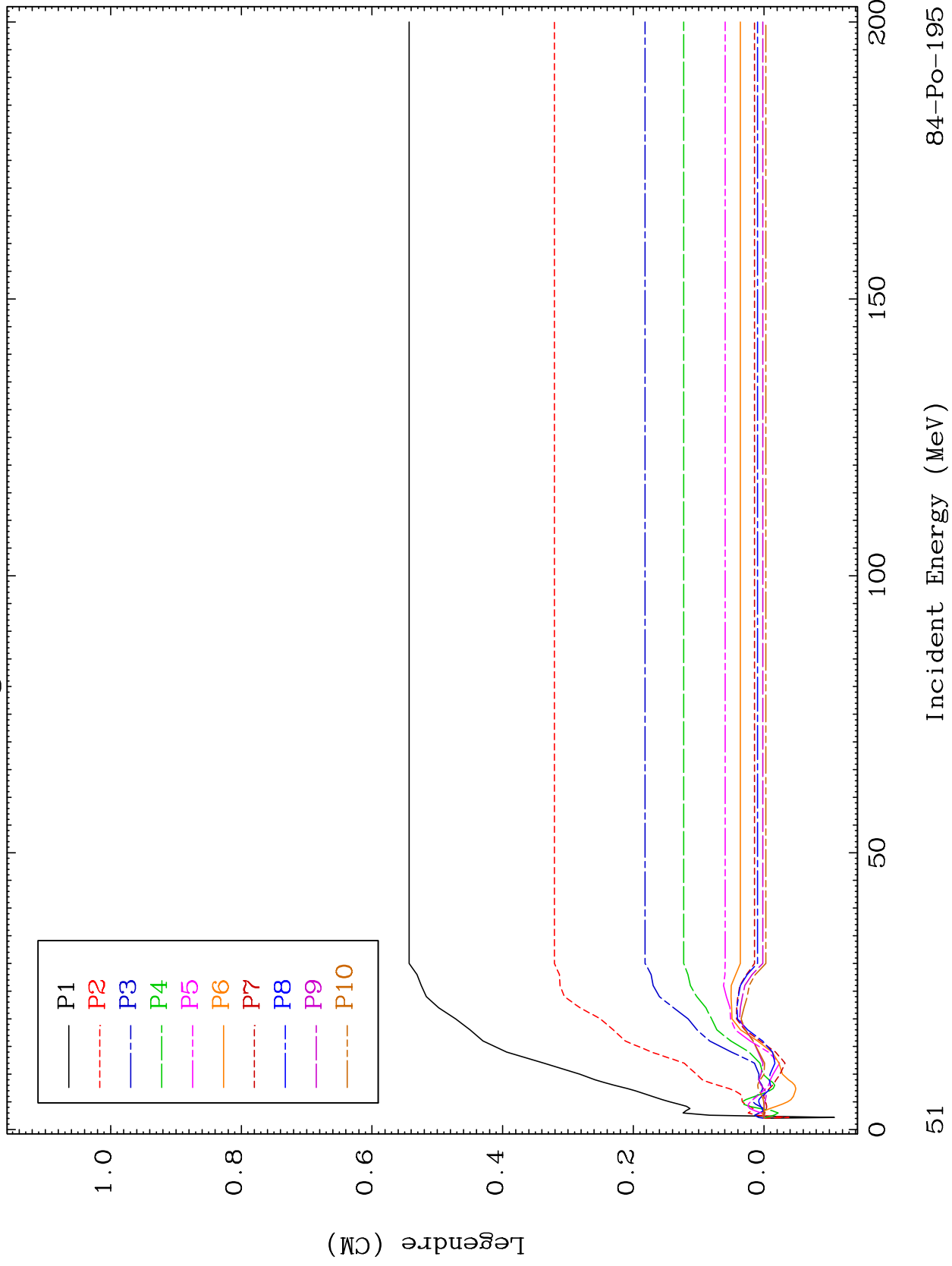
84-Po-195



MAT 8392

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

84-Po-195



51

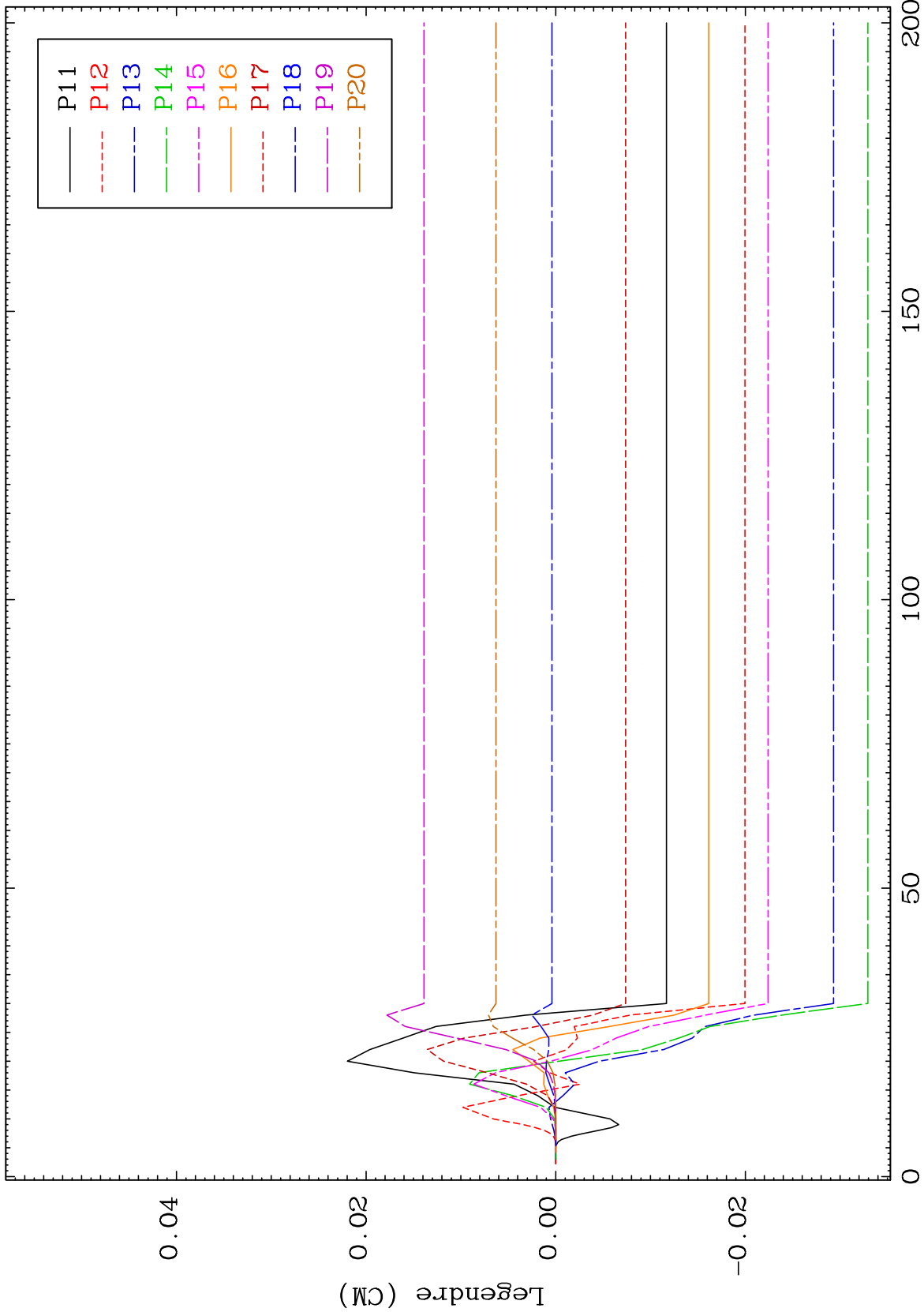
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



52

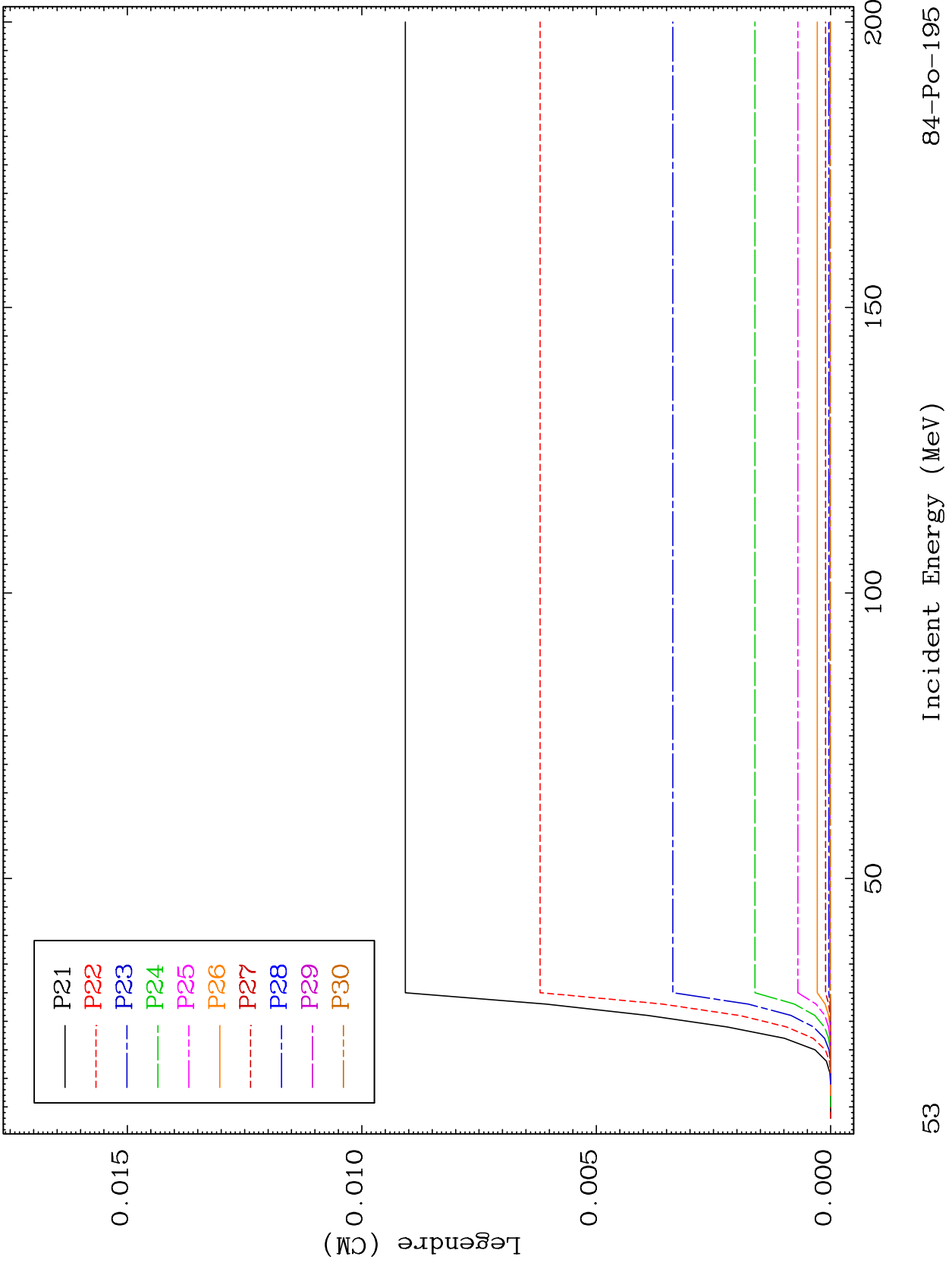
Incident Energy (MeV)

84-Po-195

MAT 8392

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

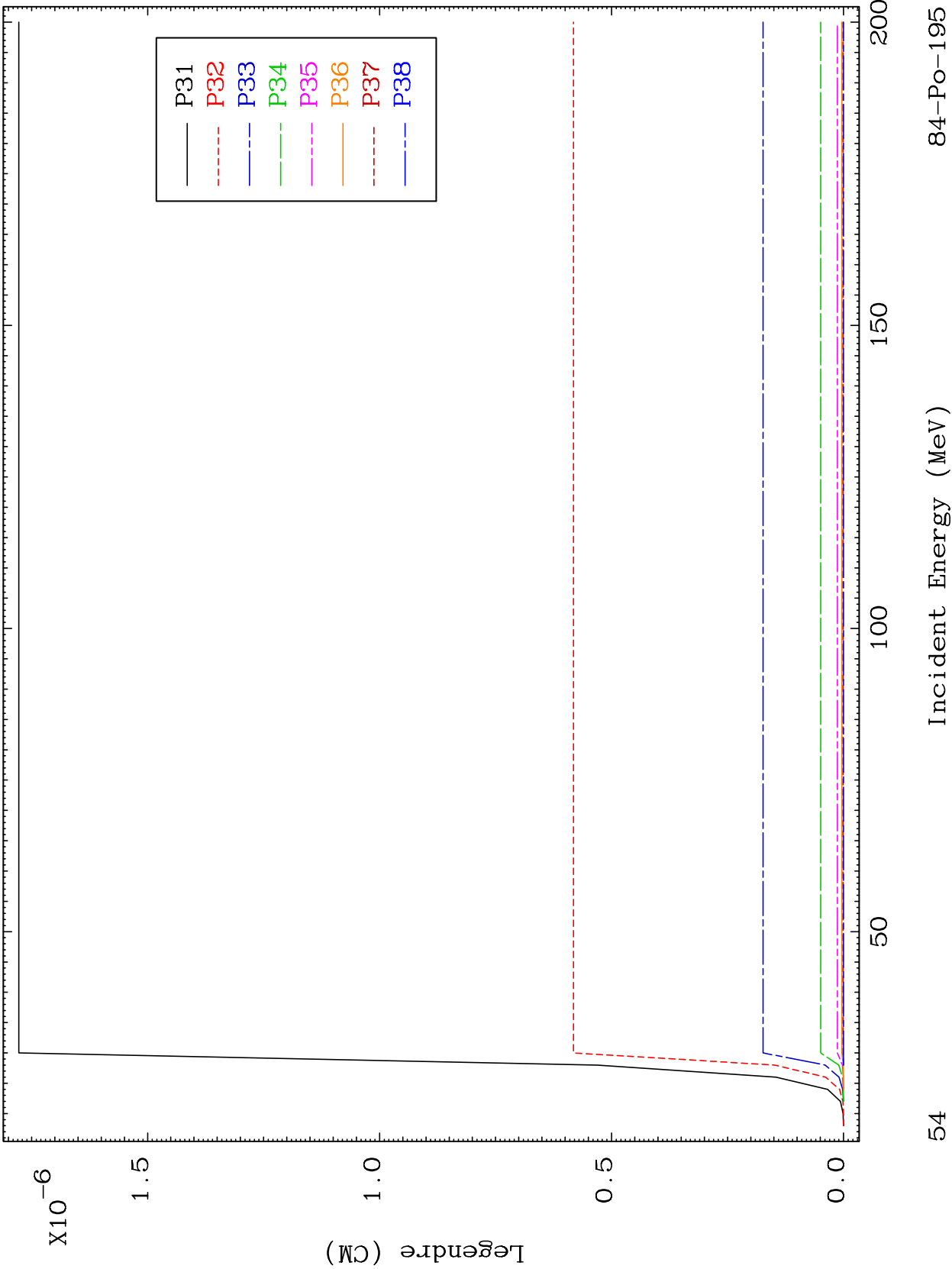
84-Po-195



MAT 8392

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

84-Po-195



54

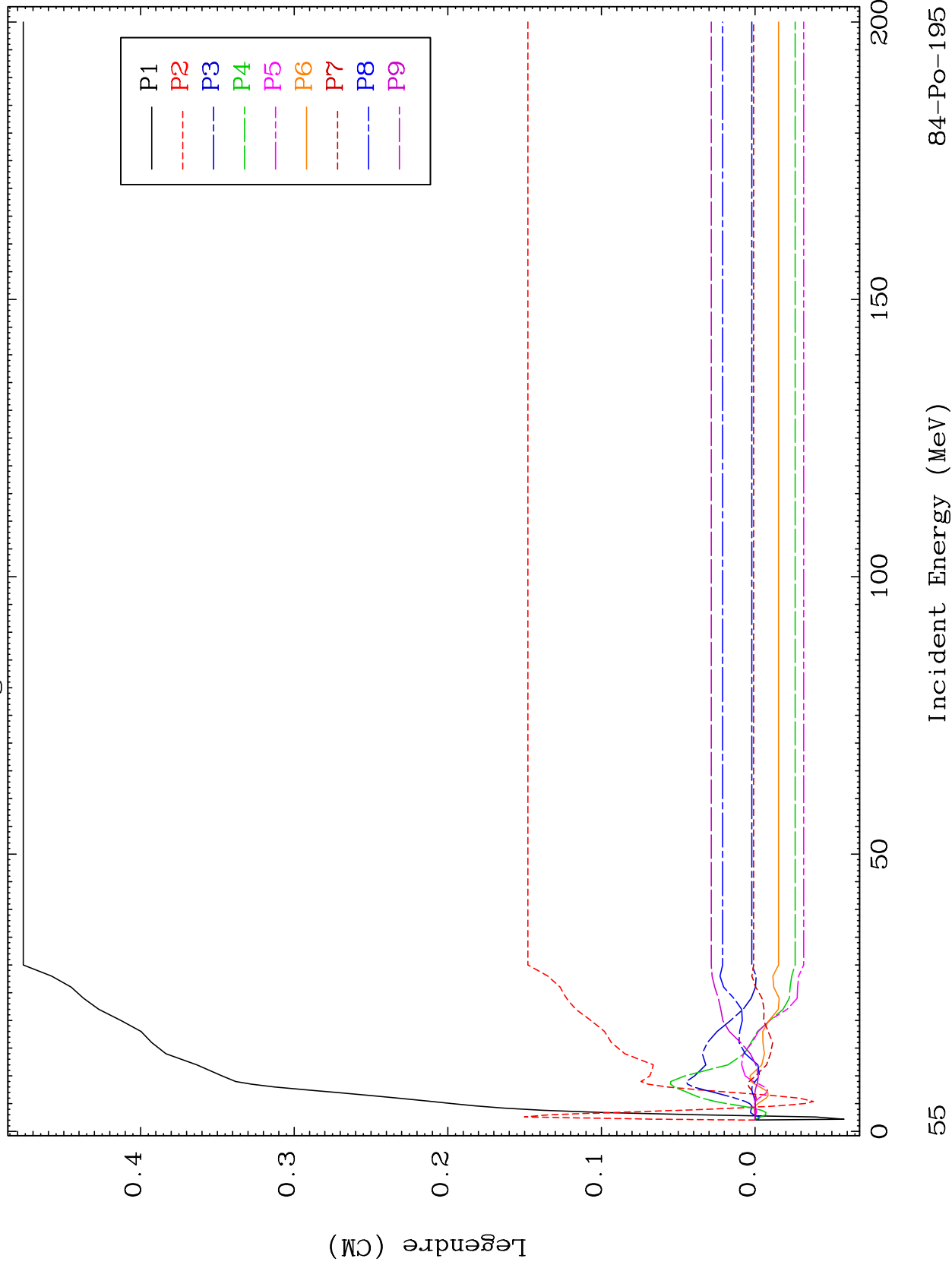
Incident Energy (MeV)

84-Po-195

MAT 8392

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

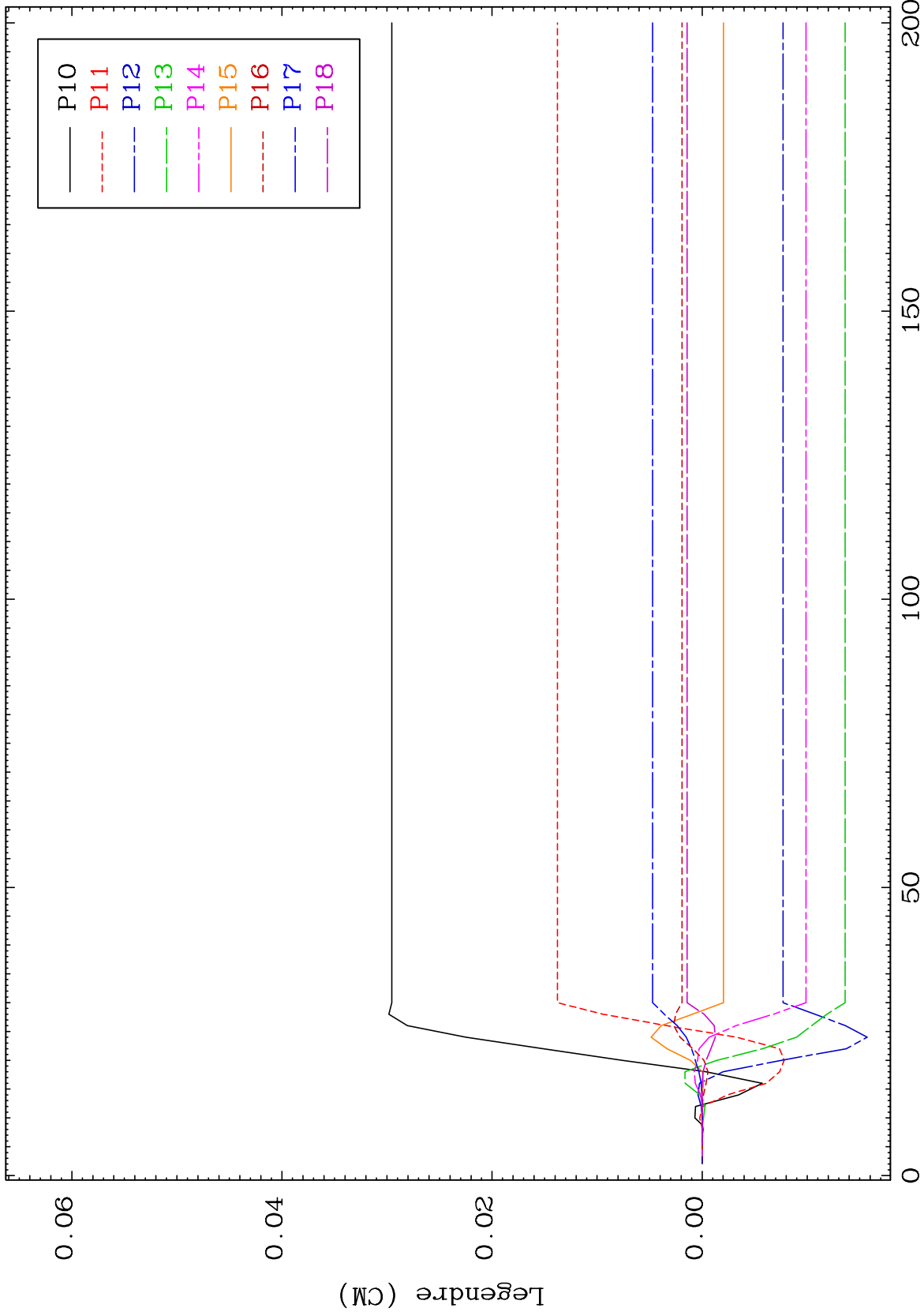
84-Po-195



MAT 8392

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

84-Po-195



84-Po-195

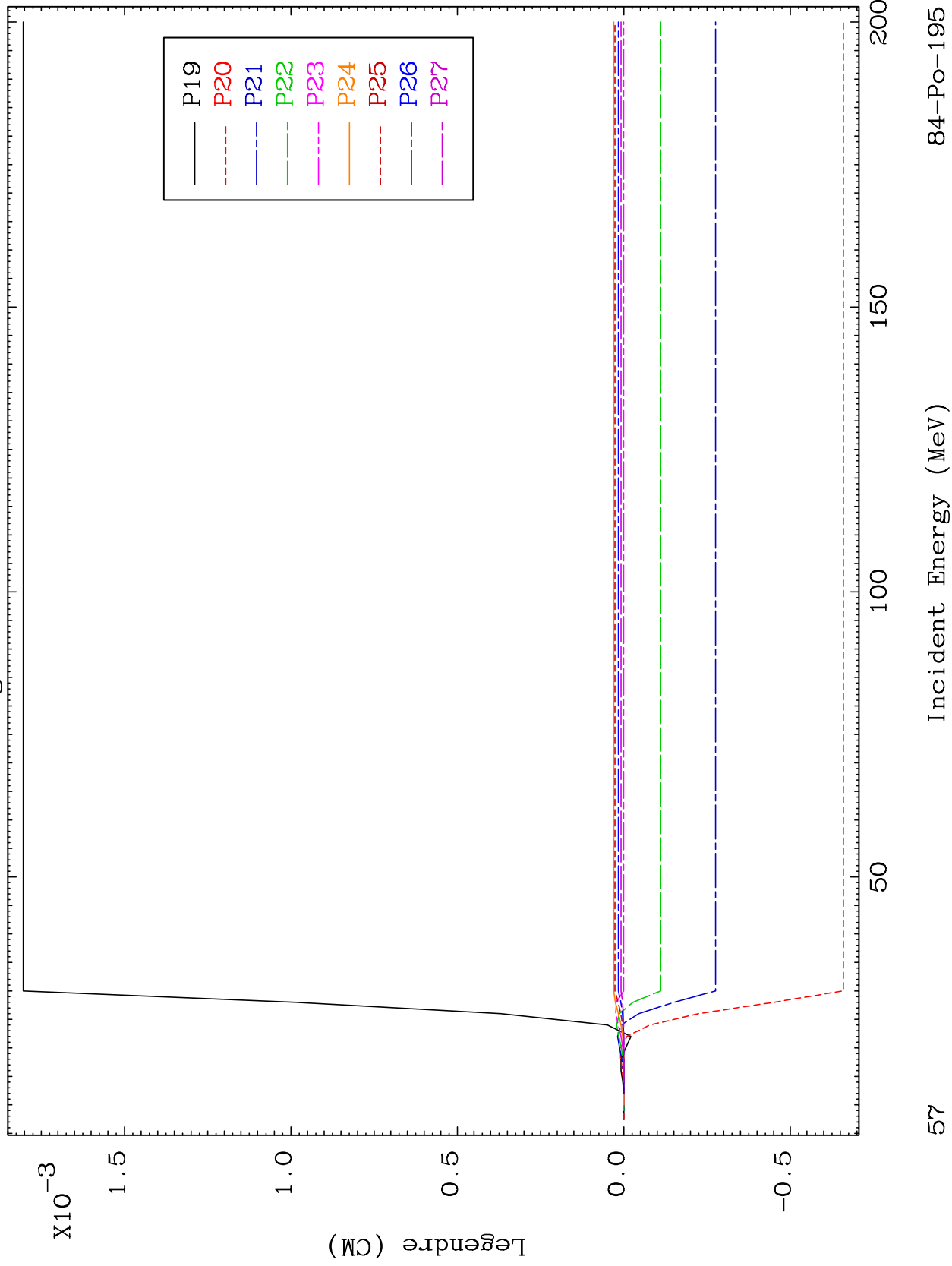
Incident Energy (MeV)

56

MAT 8392

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

84-Po-195



57

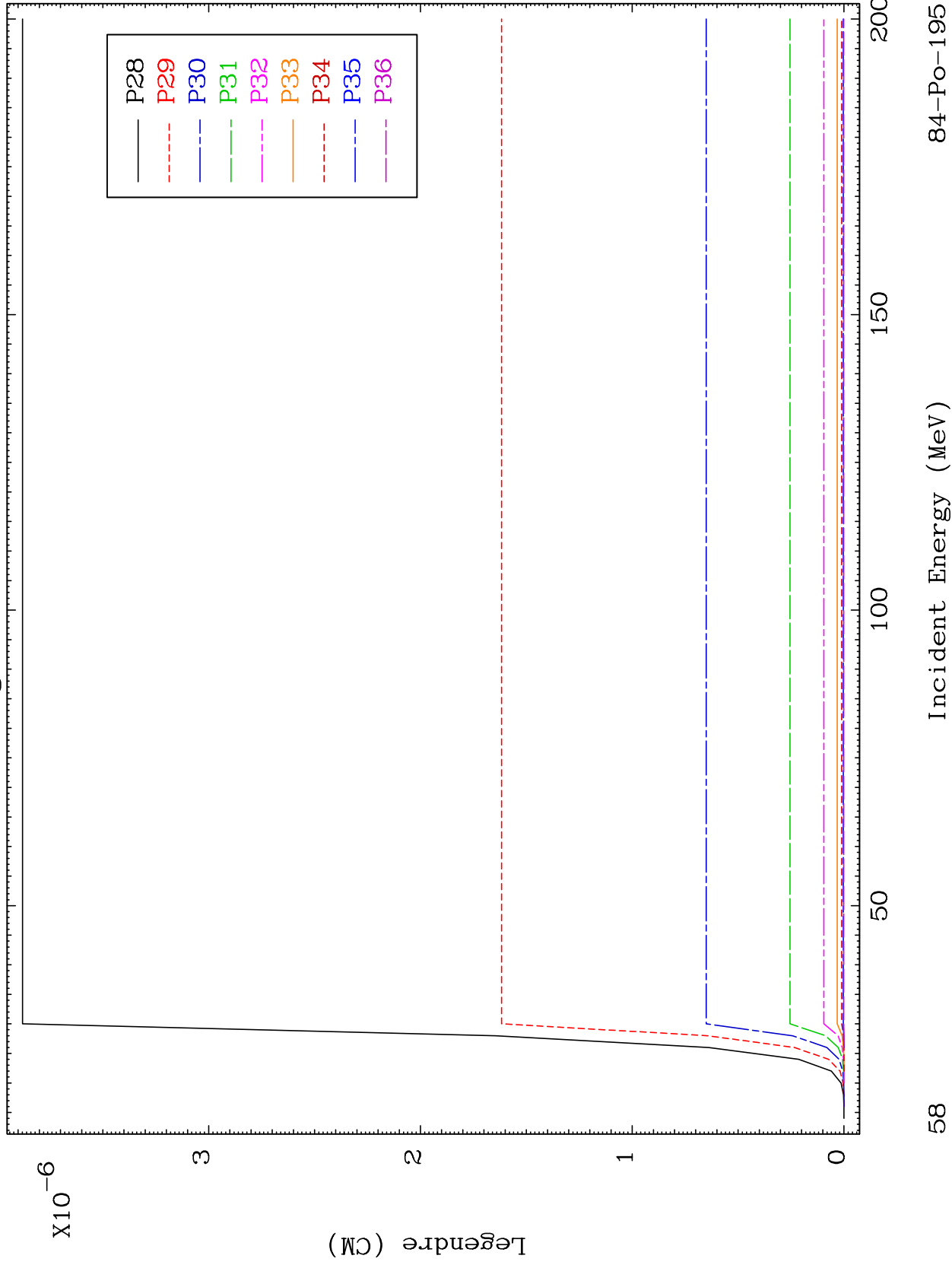
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



58

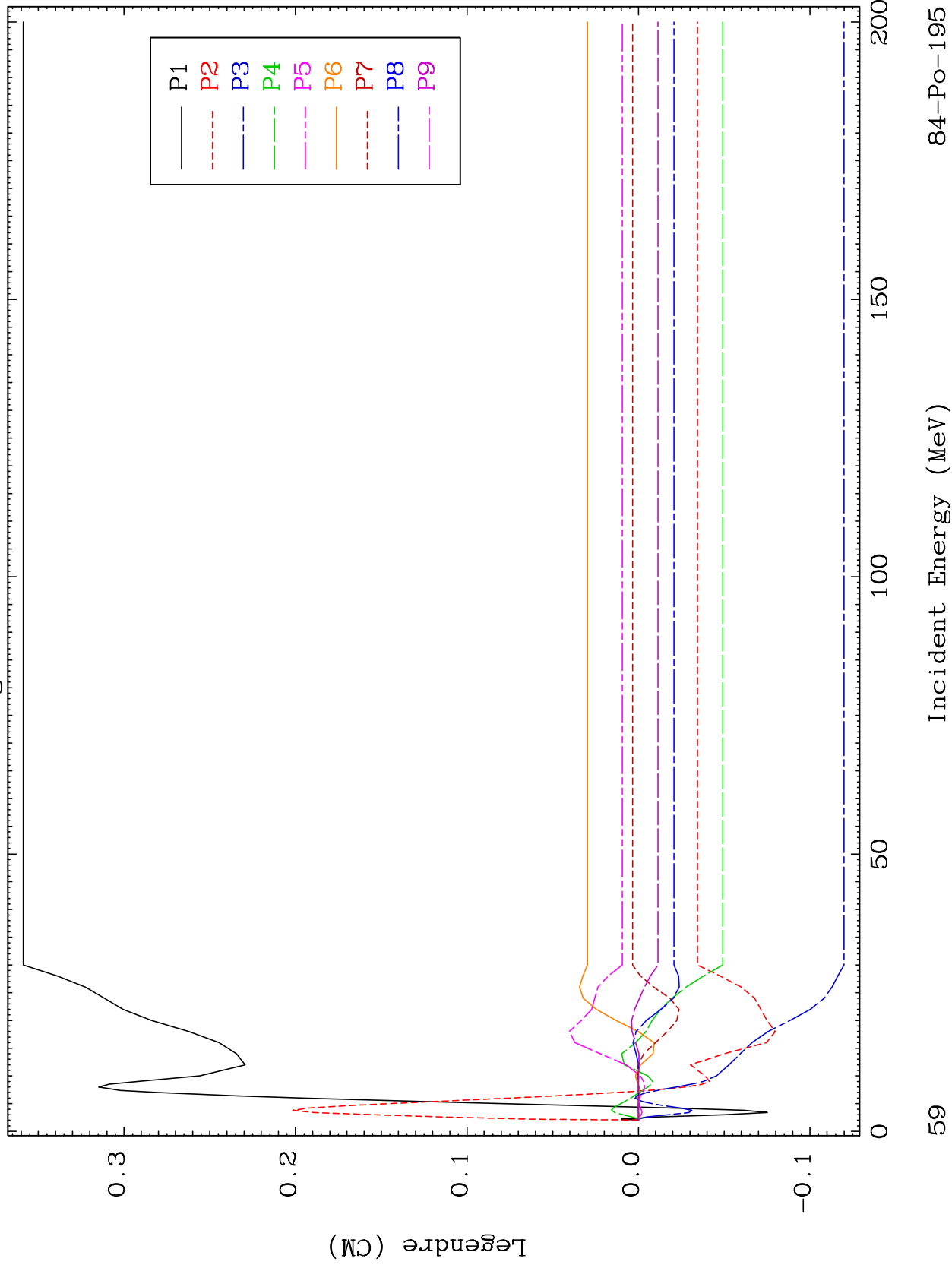
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

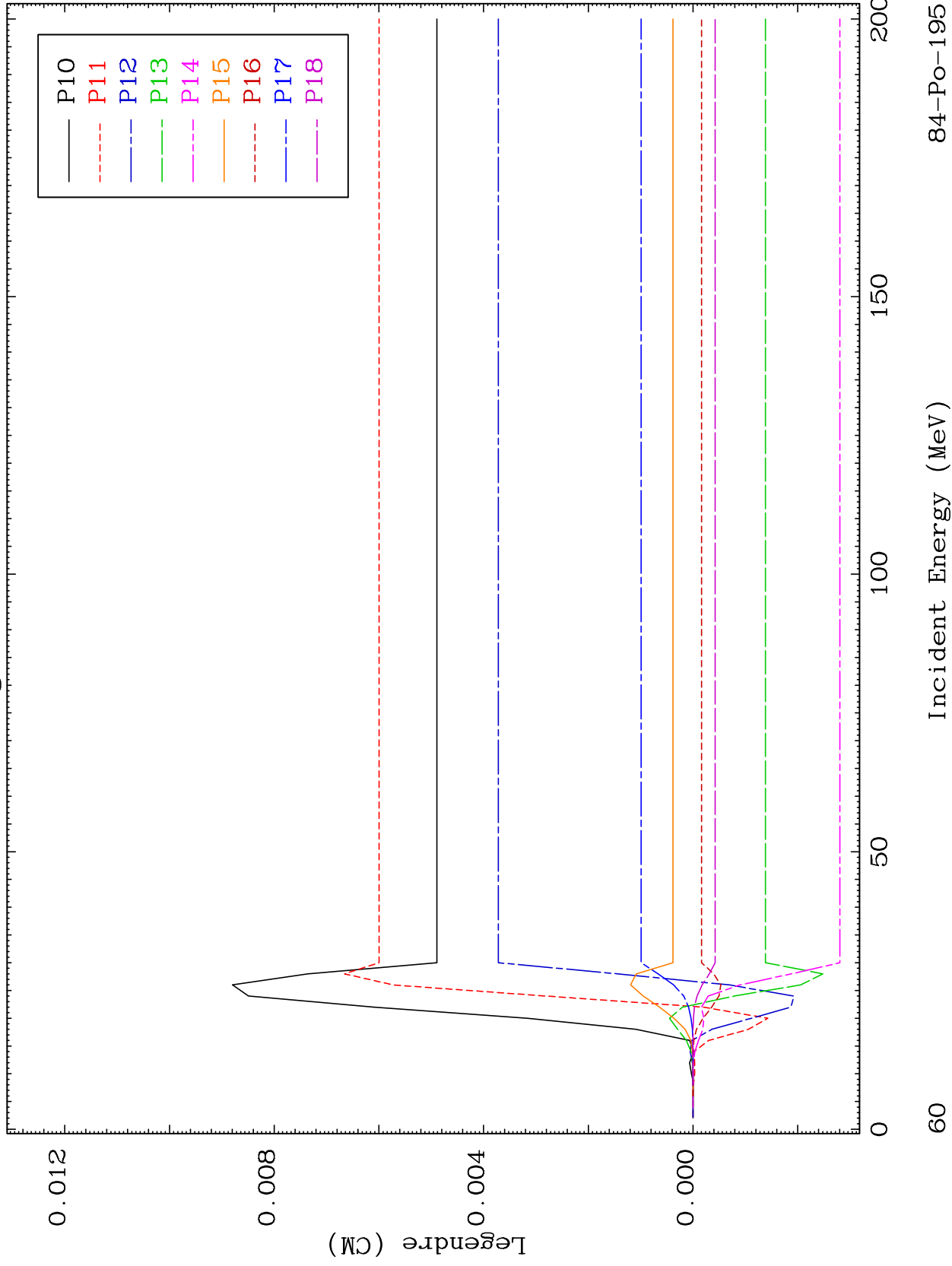
Incident Energy (MeV)

59

MAT 8392

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

84-Po-195



84-Po-195

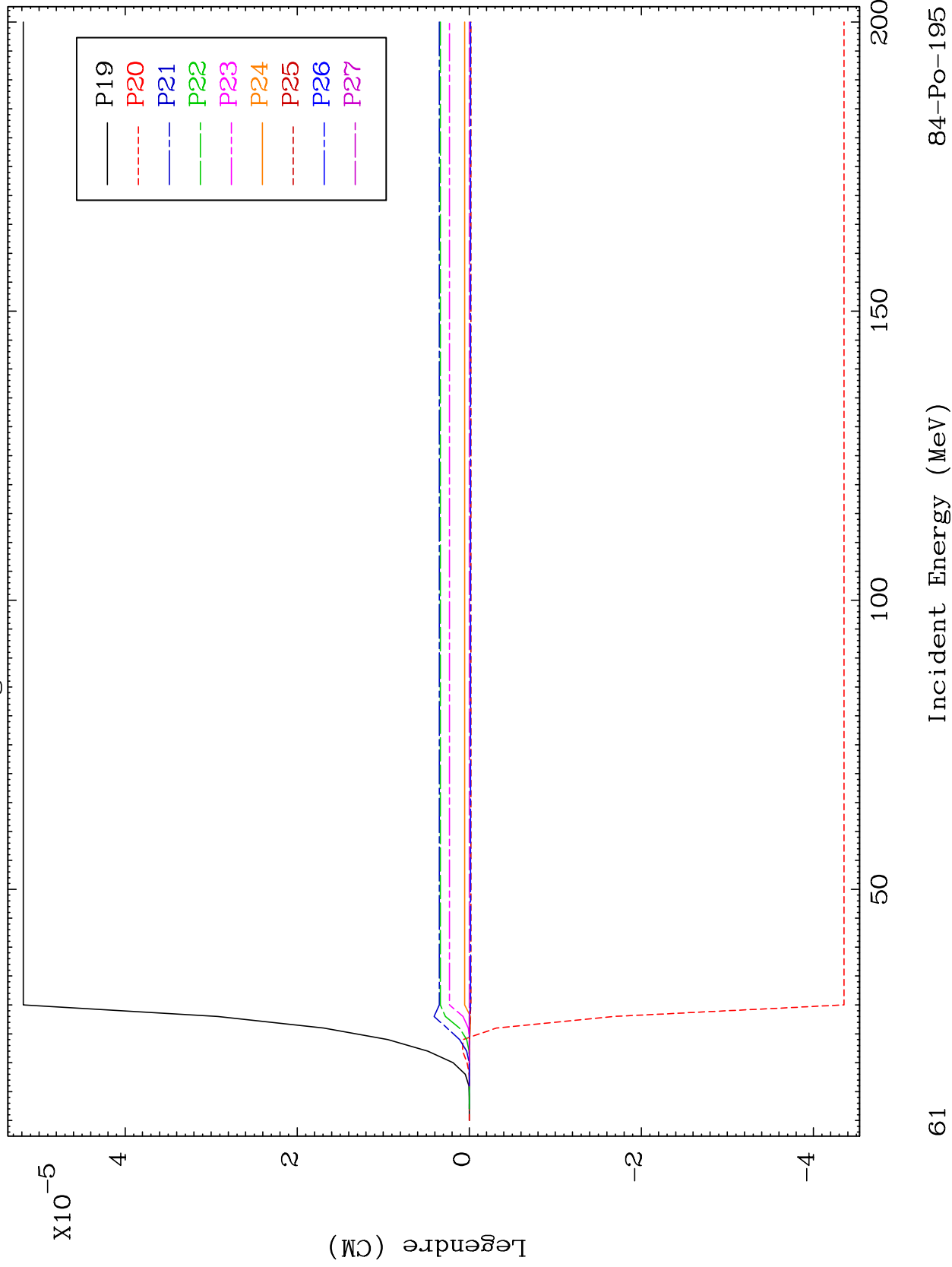
Incident Energy (MeV)

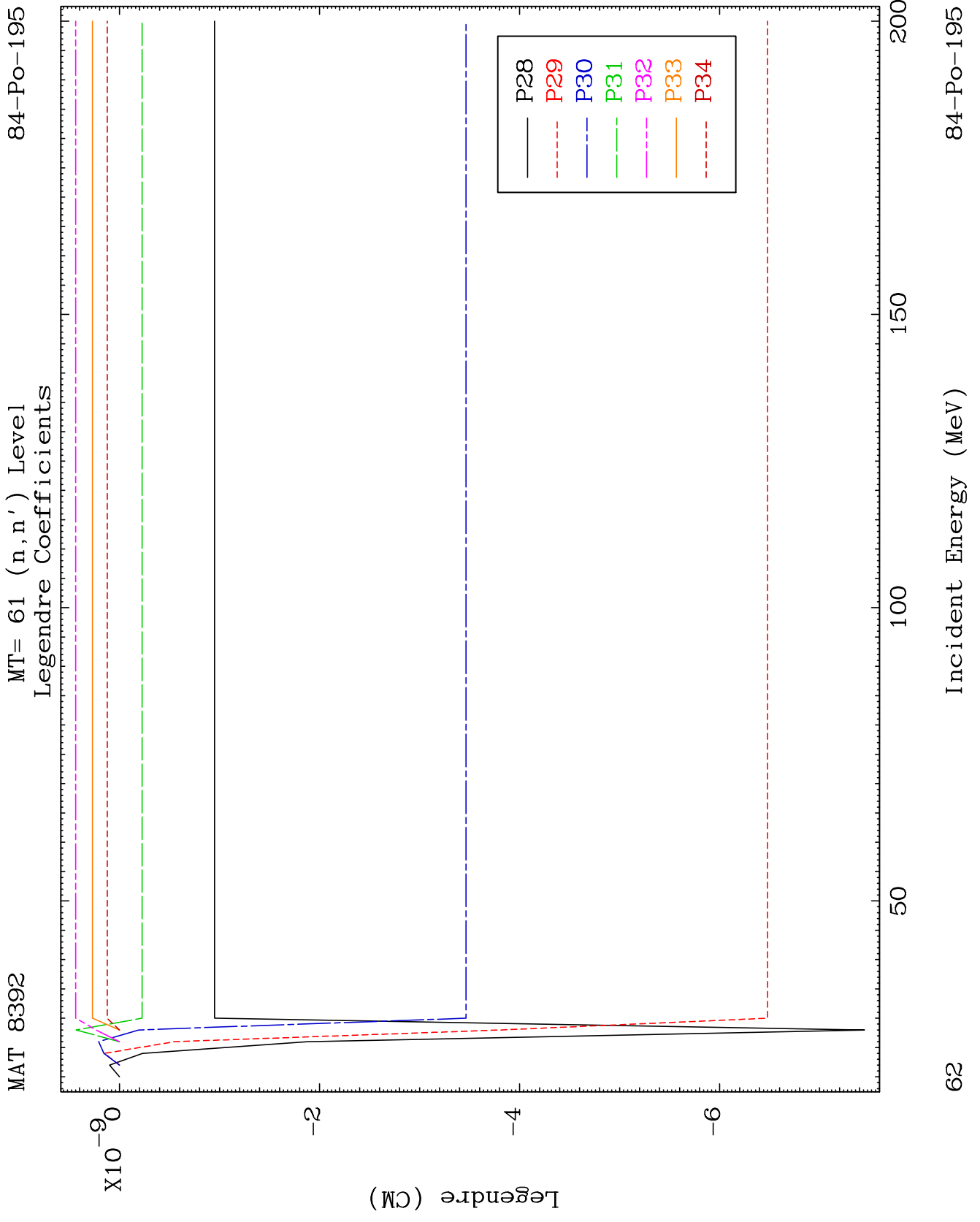
60

MAT 8392

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

84-Po-195

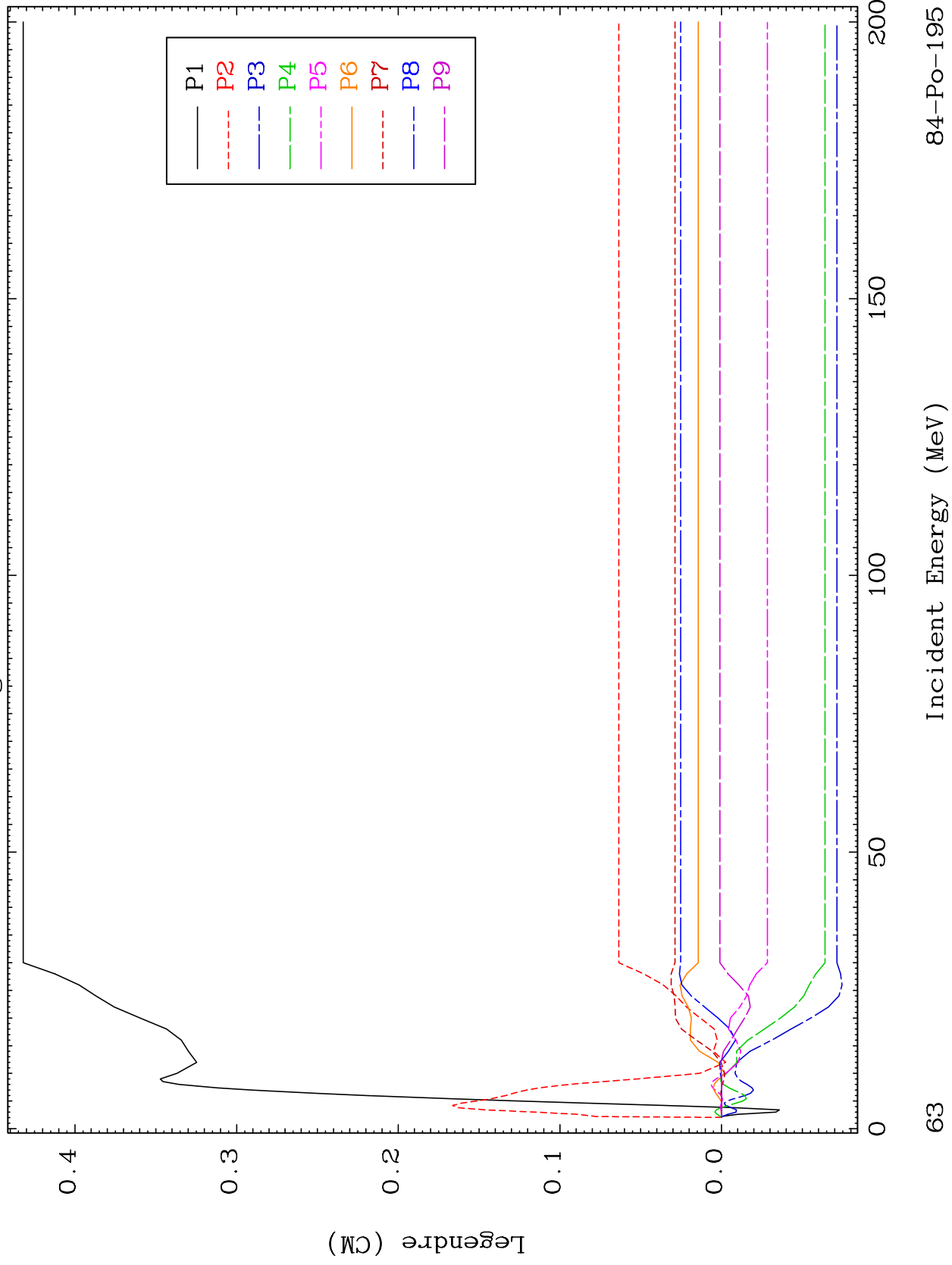




MAT 8392

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

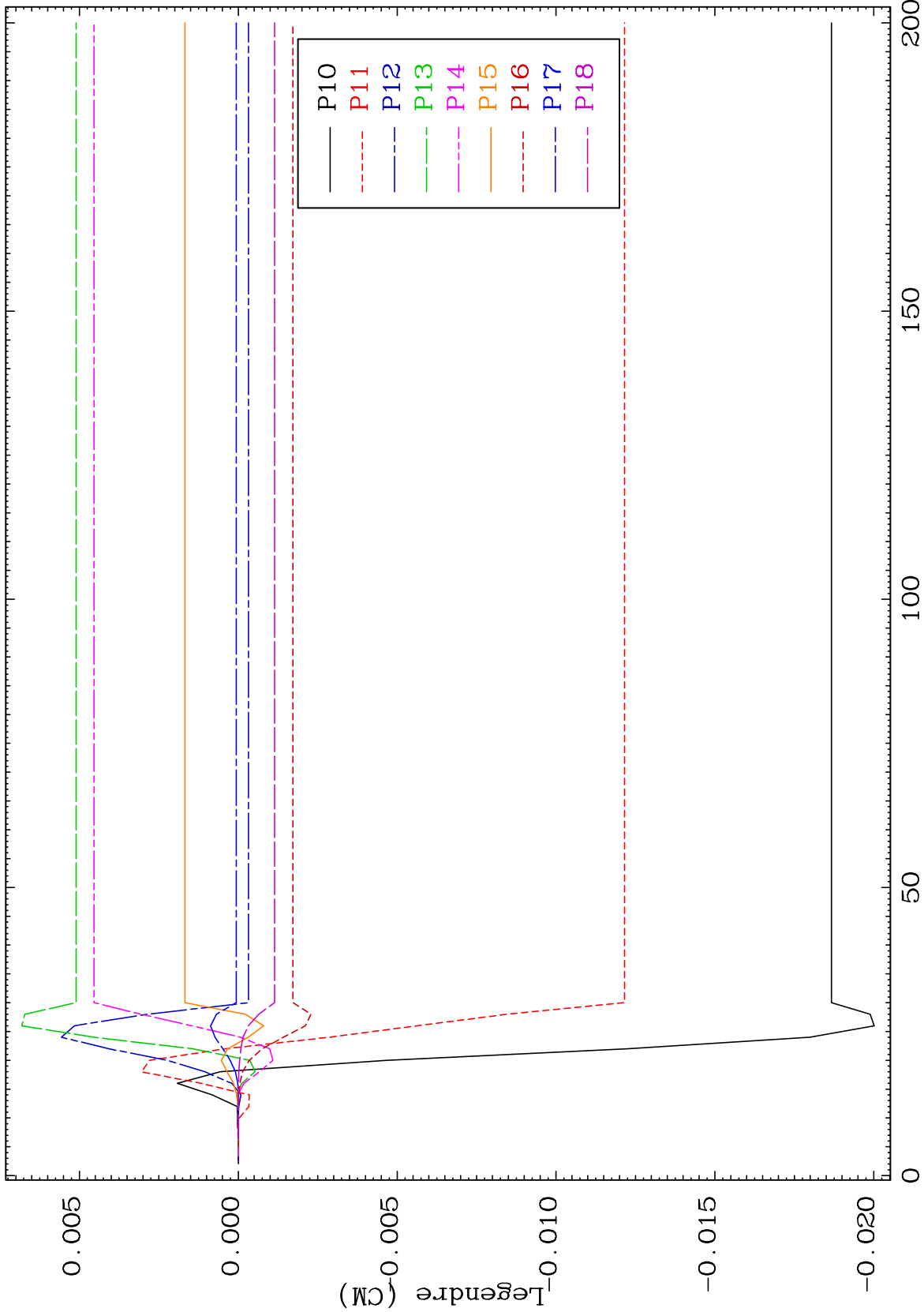
84-Po-195



MAT 8392

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

84-Po-195



64

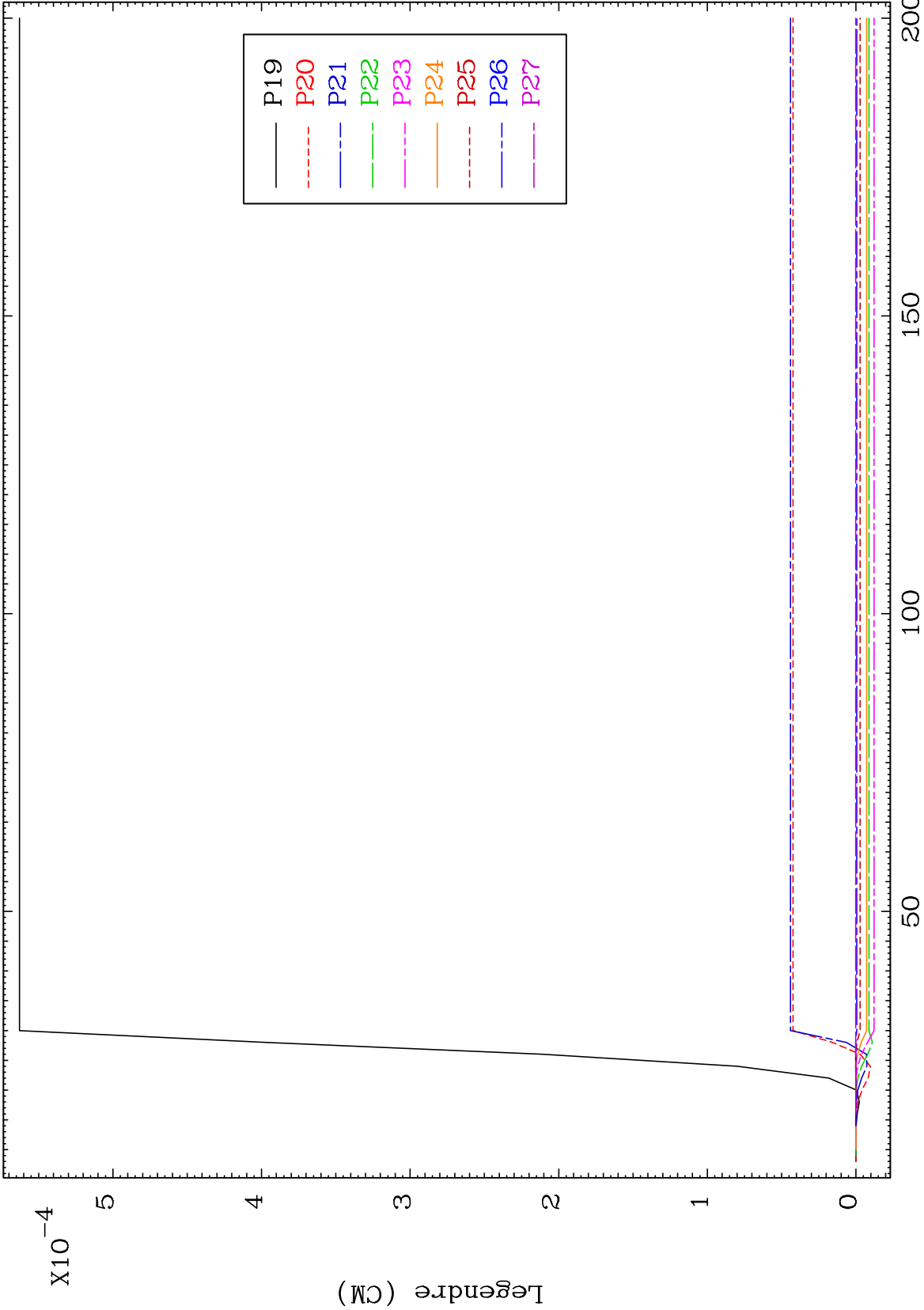
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



65

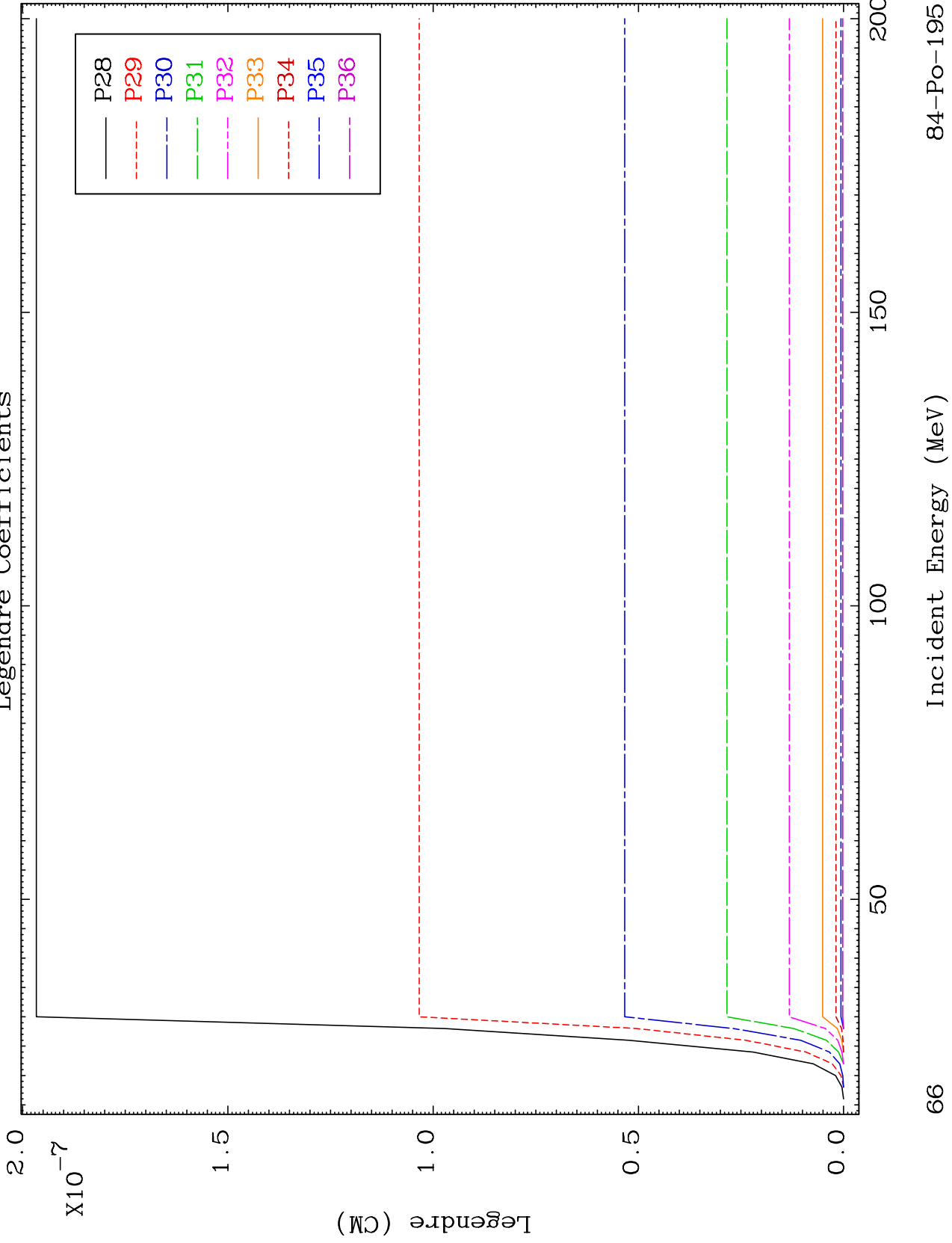
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



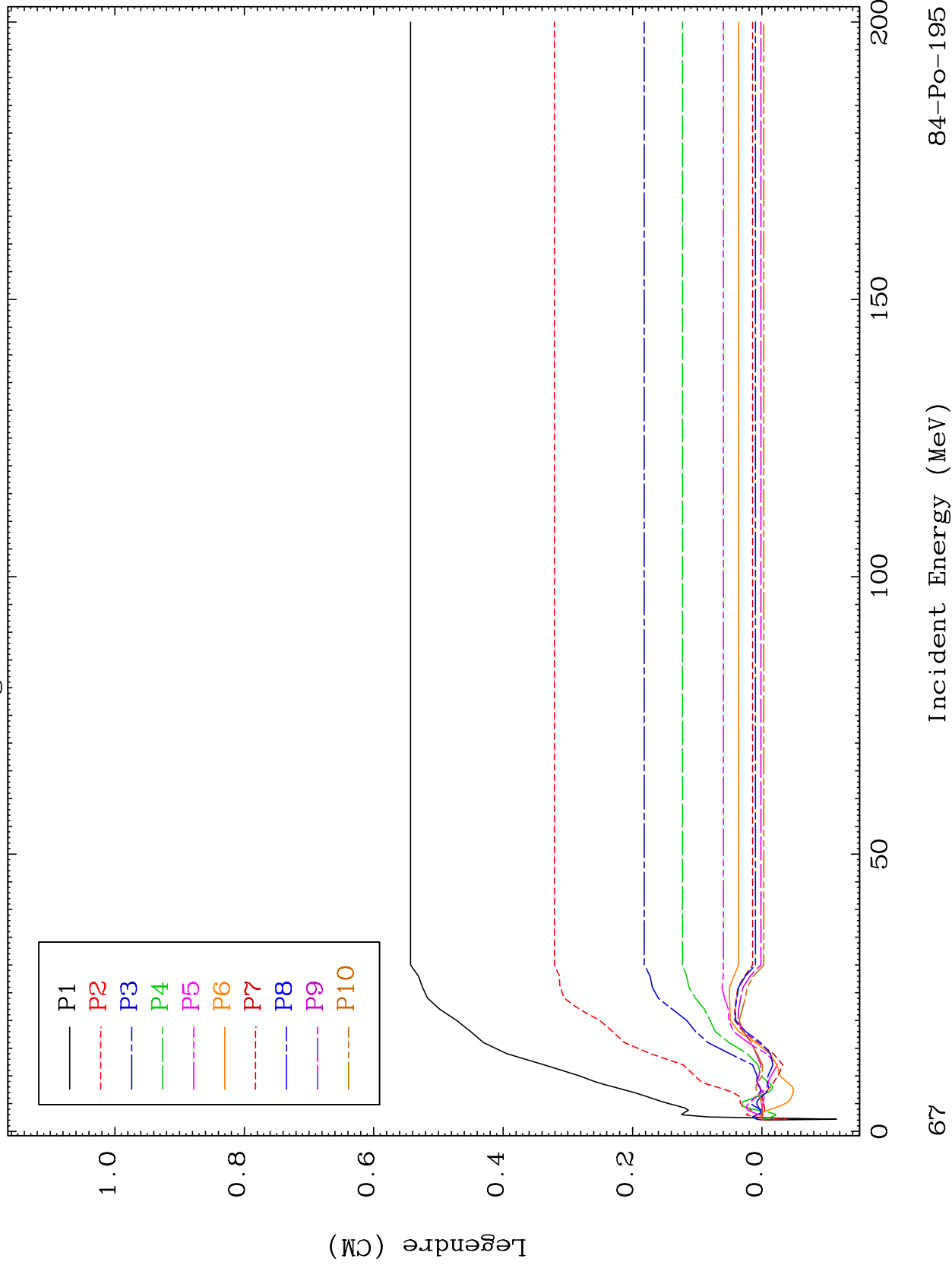
66

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

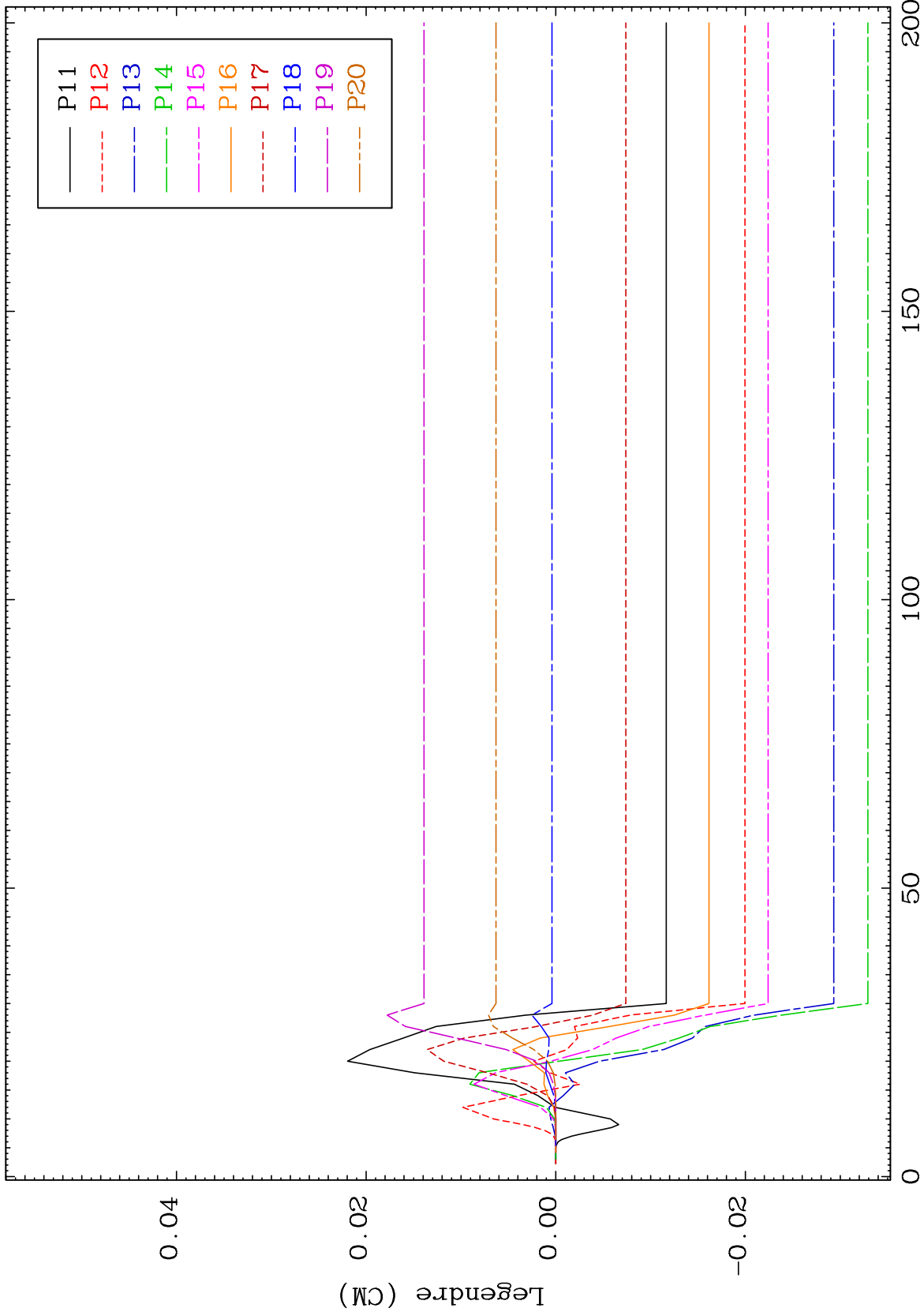
Incident Energy (MeV)

67

MAT 8392

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

84-Po-195



68

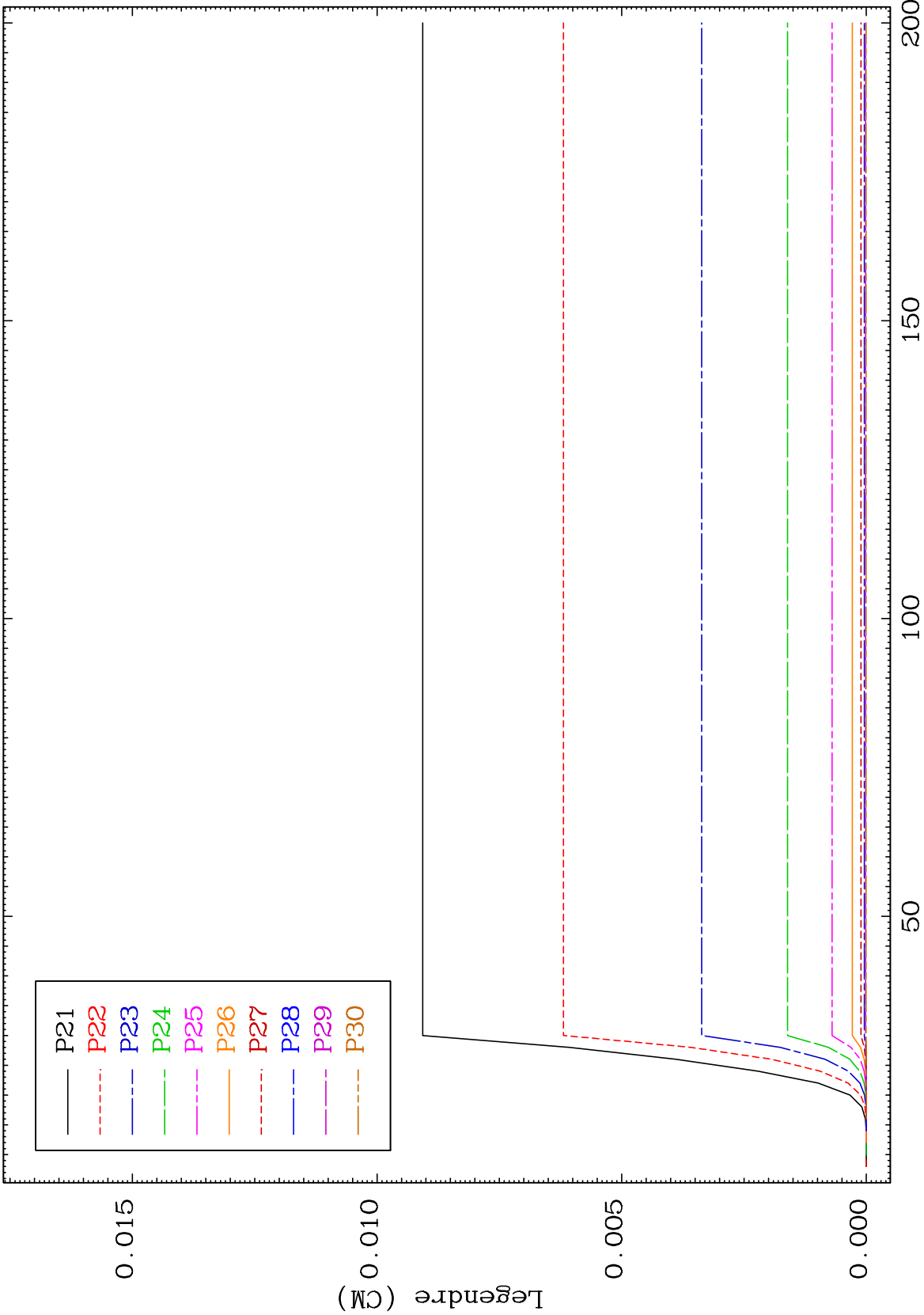
Incident Energy (MeV)

84-Po-195

MAT 8392

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

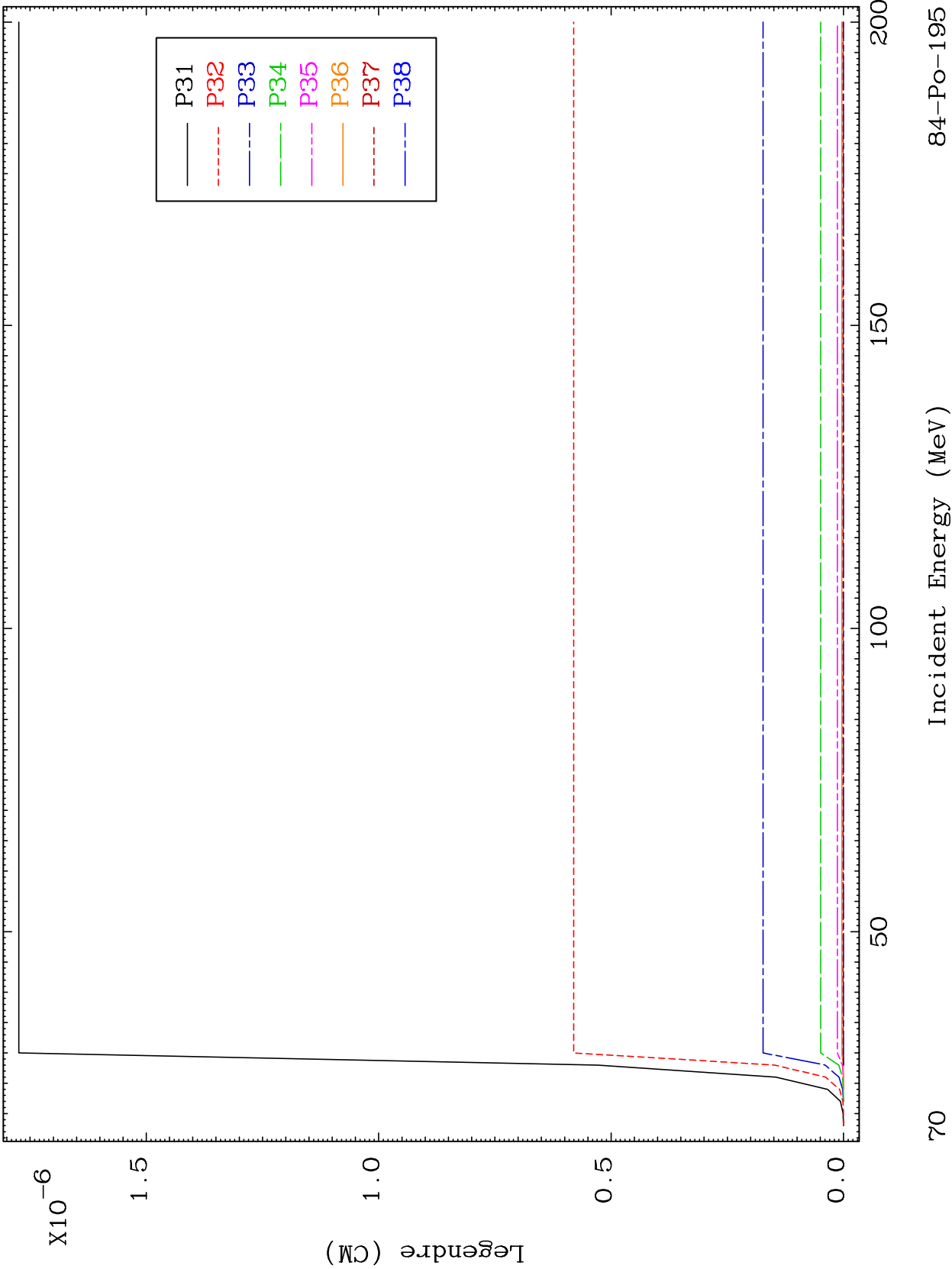
84-Po-195



MAT 8392

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

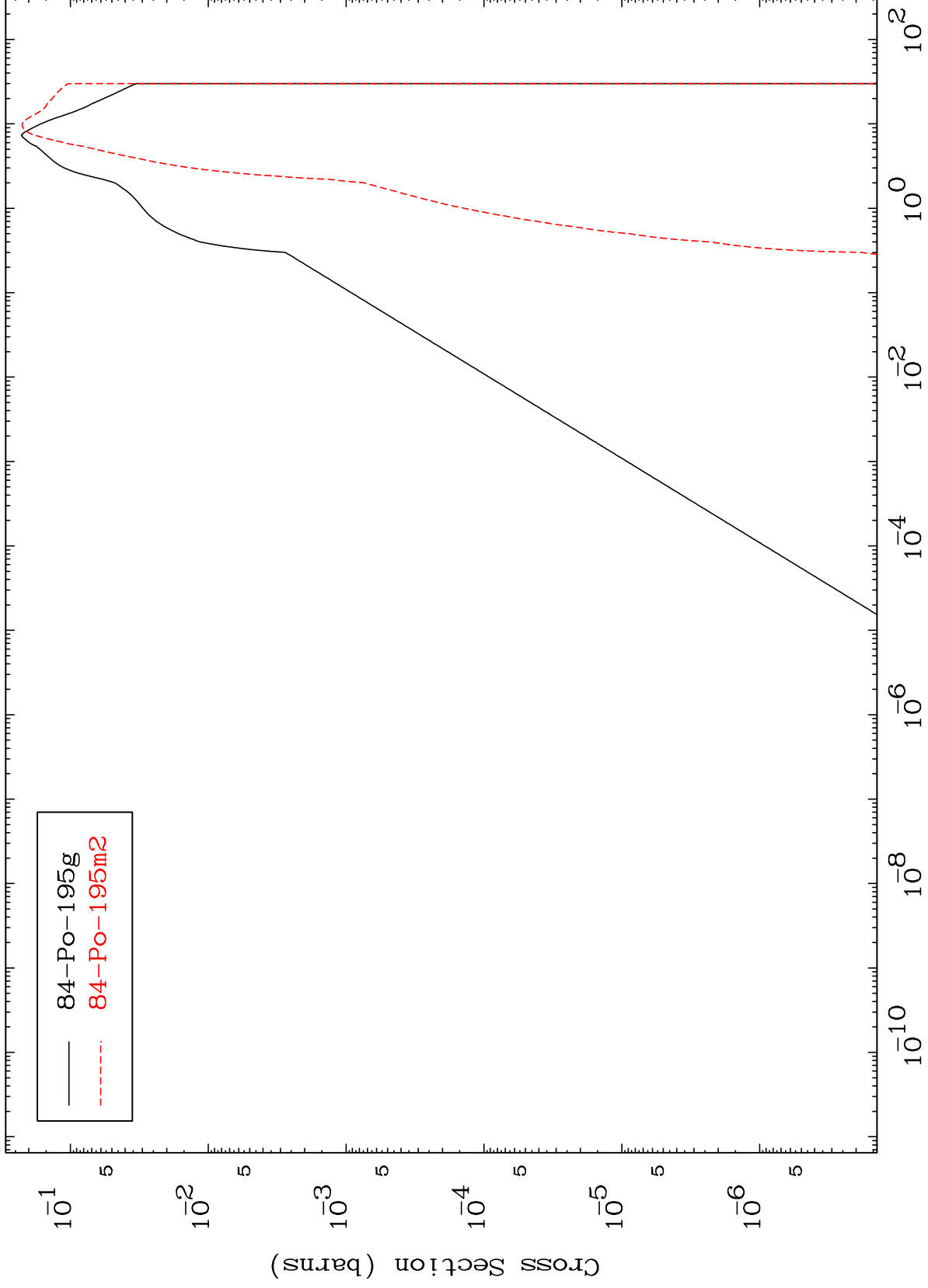
84-Po-195



MAT 8392

Inelastic
Radionuclide Production Cross Section

84-Po-195



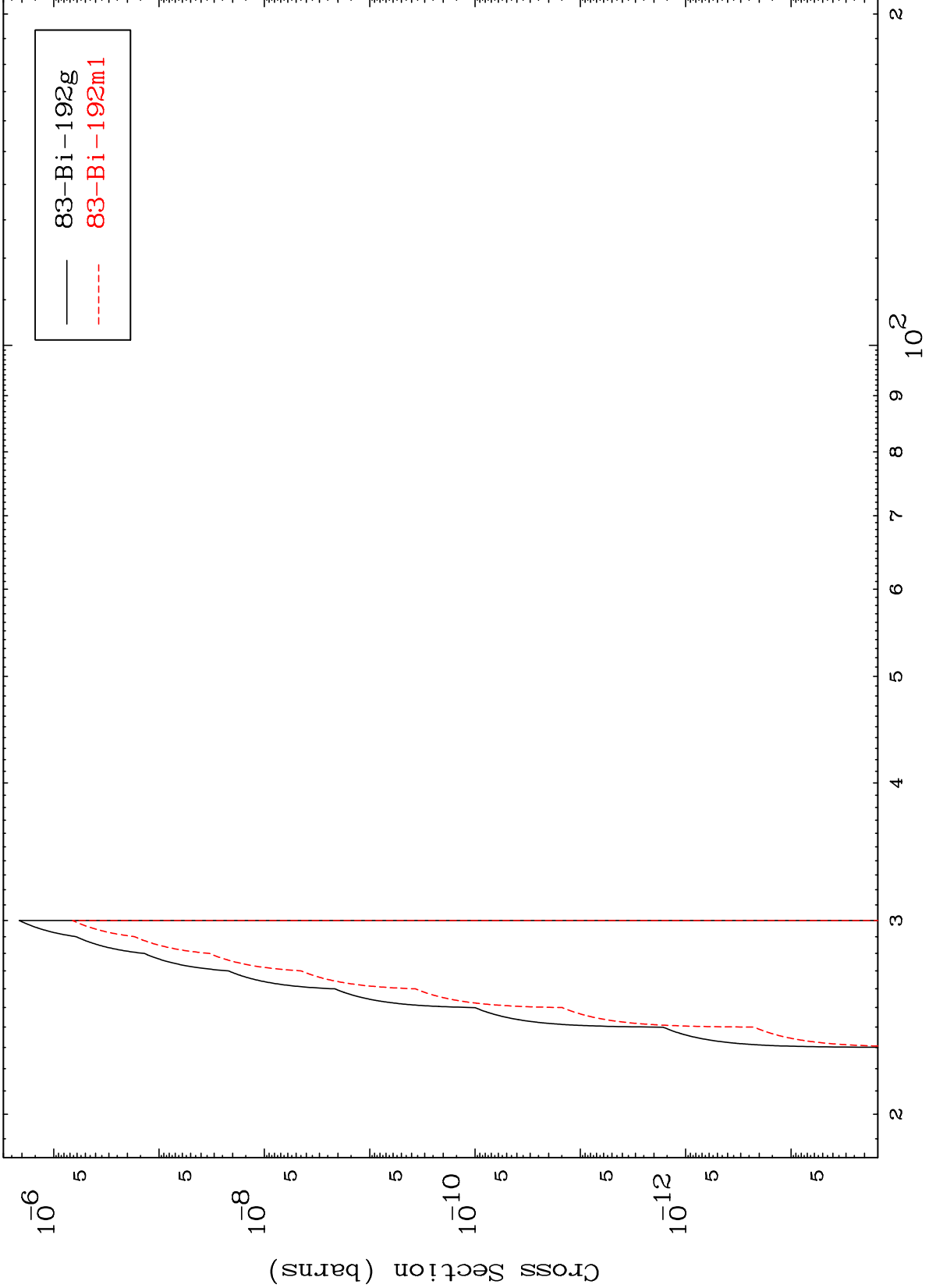
84-Po-195

MAT 8392

(n,2n) d

84-Po-195

Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

72

Incident Energy (MeV)

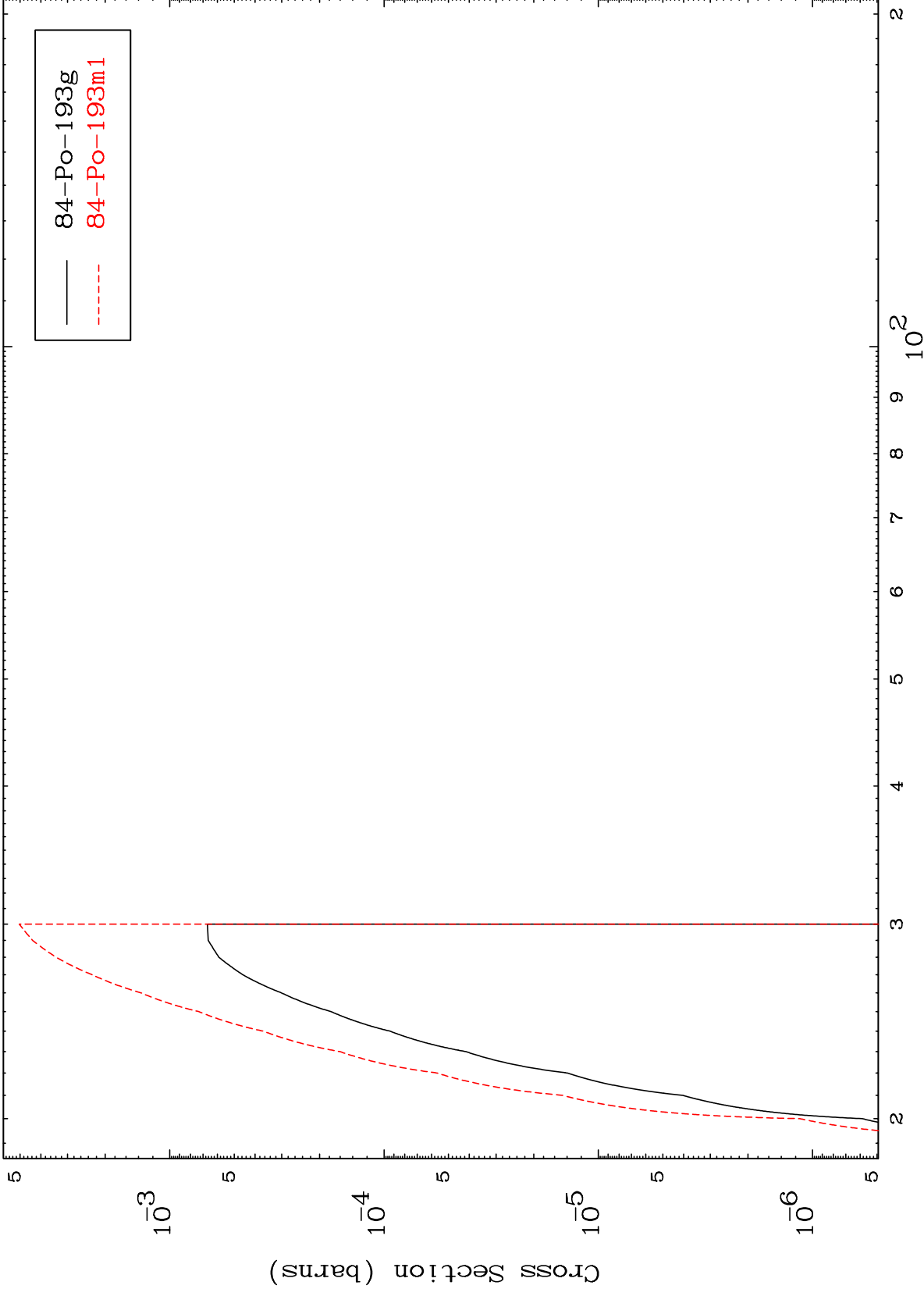
84-Po-195

MAT 8392

(n,3n)

84-Po-195

Radionuclide Production Cross Section



73

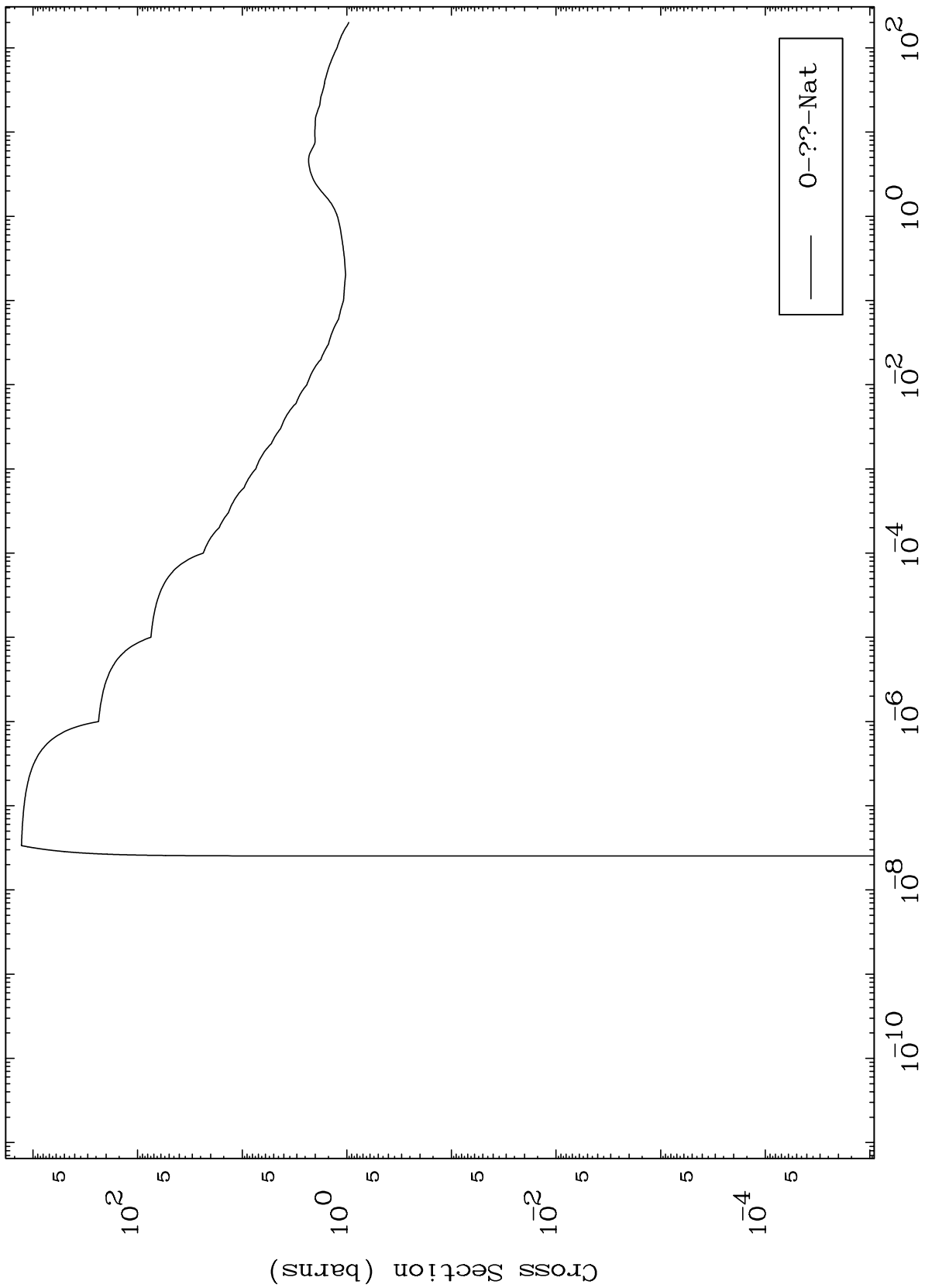
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

Fission
Radionuclide Production Cross Section



74

84-Po-195

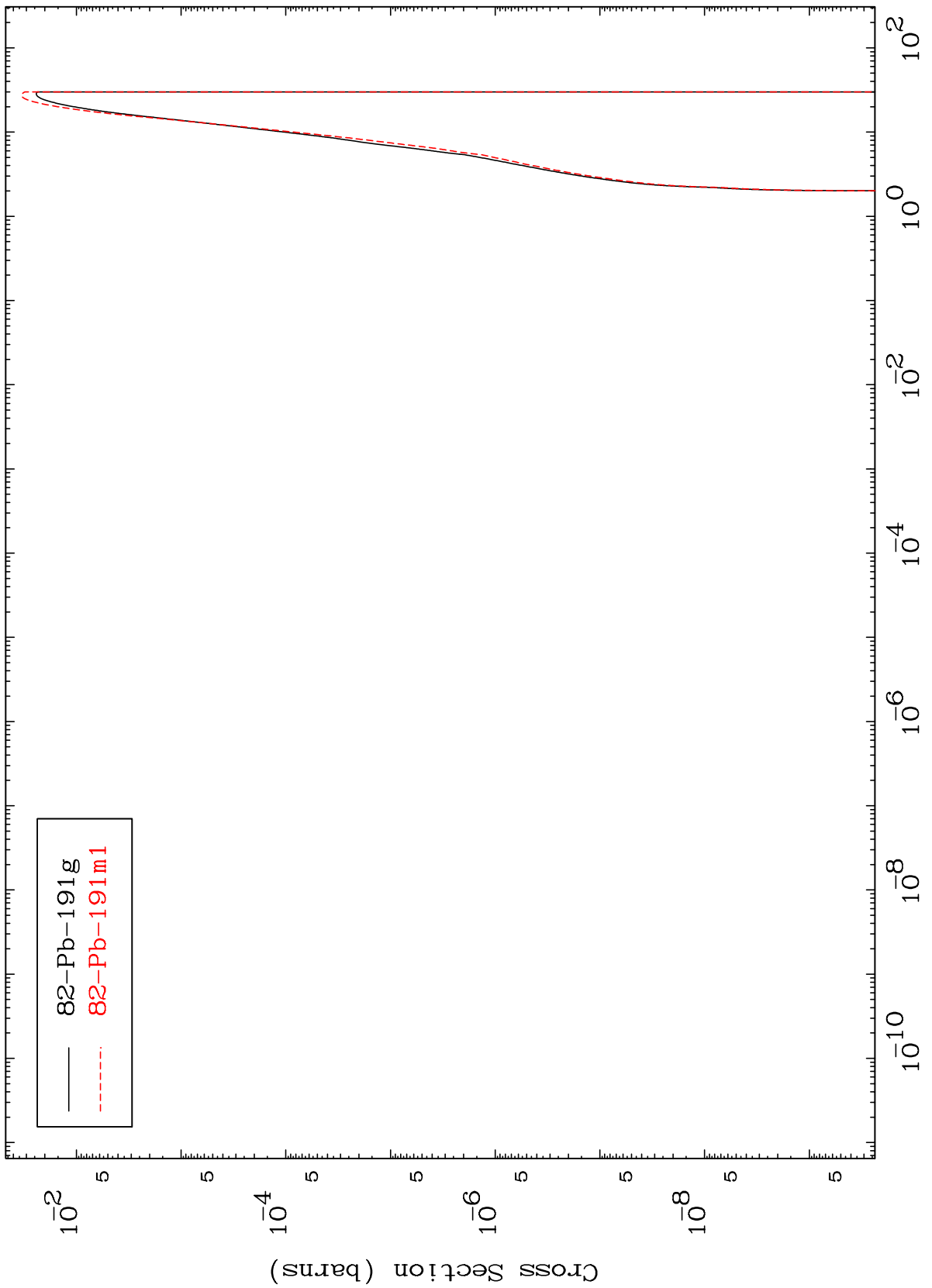
Incident Energy (MeV)

MAT 8392

(n, n') α

84-Po-195

Radionuclide Production Cross Section



75

Incident Energy (MeV)

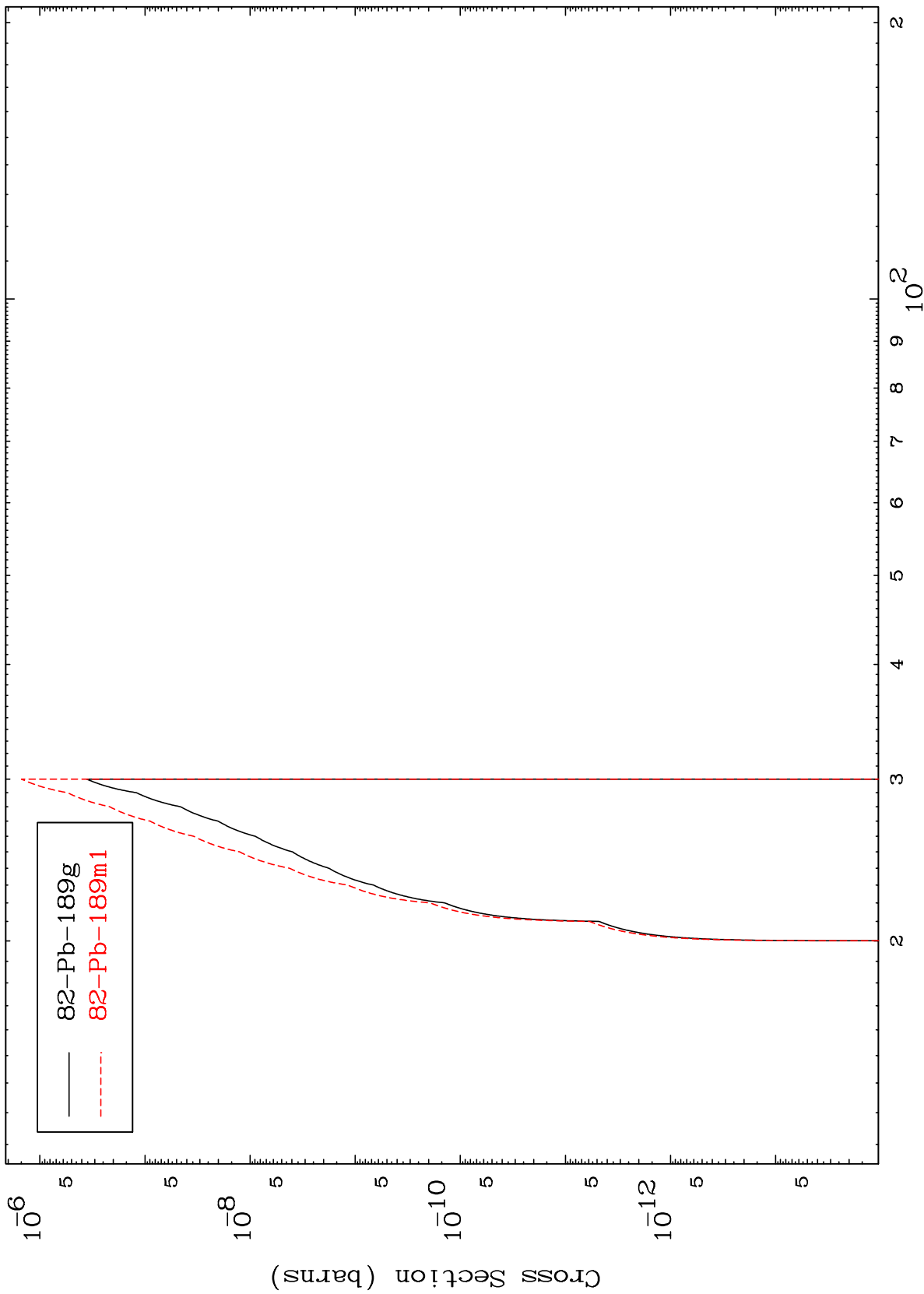
84-Po-195

MAT 8392

(n,3n) α

84-Po-195

Radionuclide Production Cross Section



82-Pb-189g
82-Pb-189m1

76

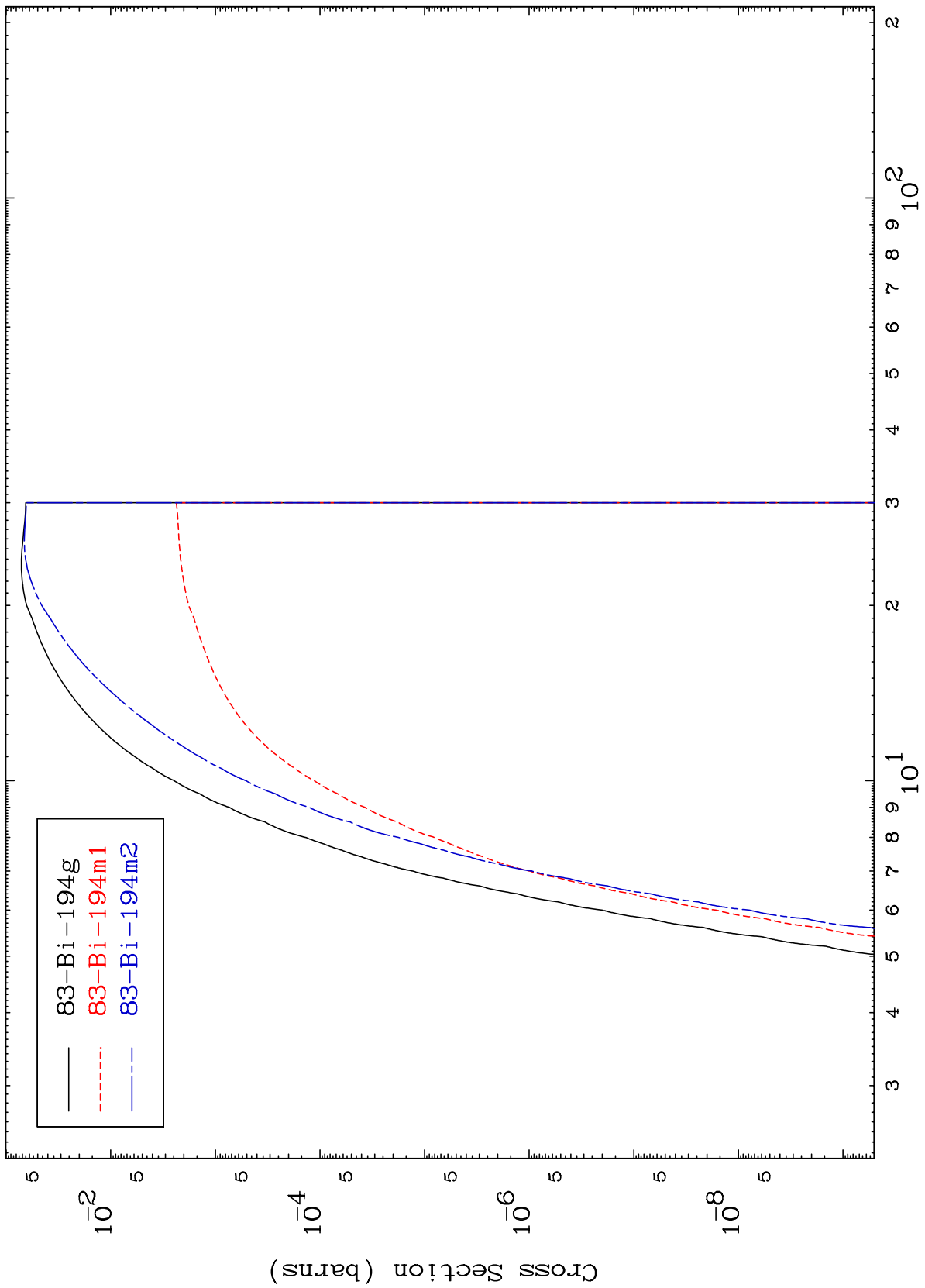
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

(n,n') p
Radionuclide Production Cross Section



84-Po-195

Incident Energy (MeV)

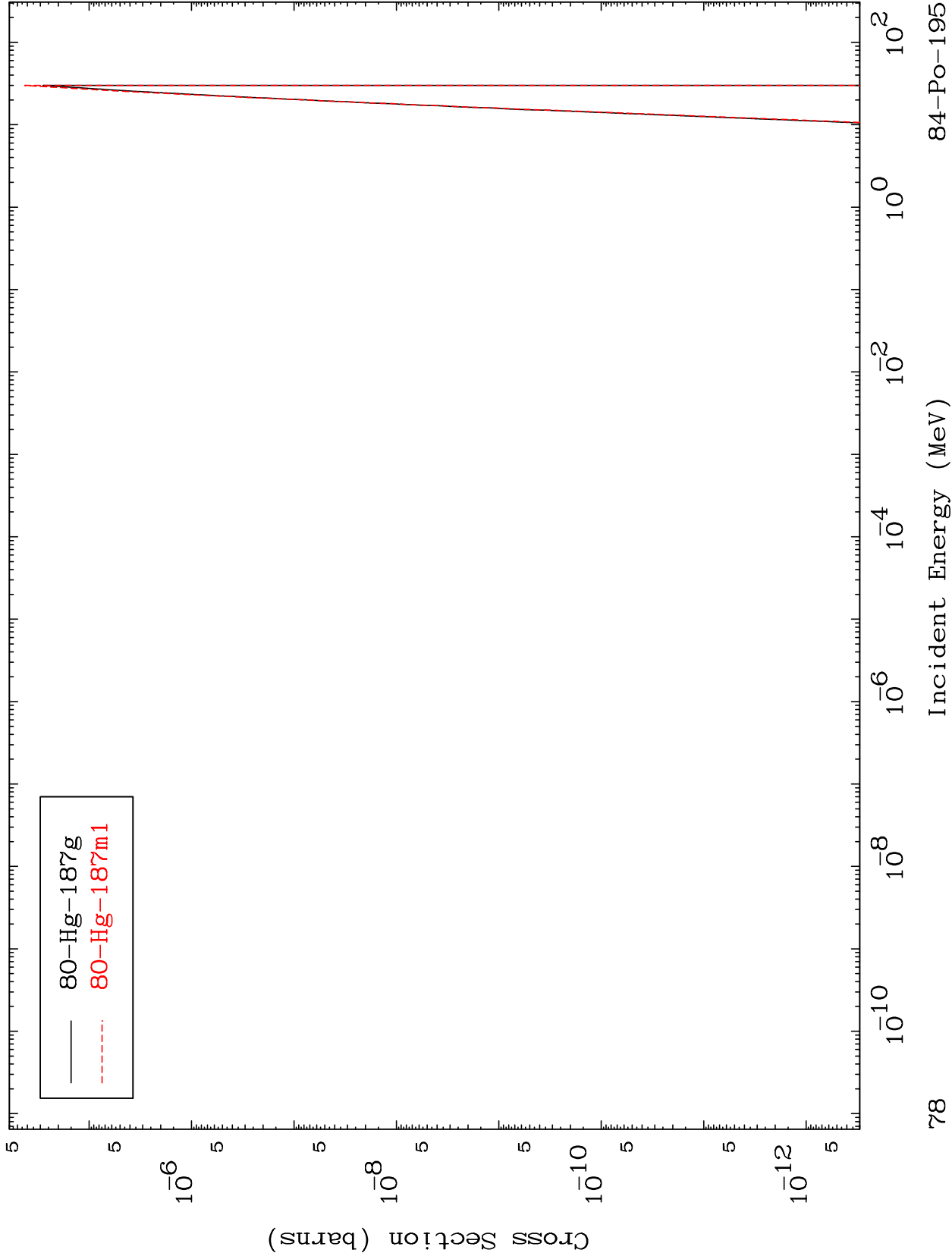
77

MAT 8392

(n,n') 2α

84-Po-195

Radionuclide Production Cross Section



78

Incident Energy (MeV)

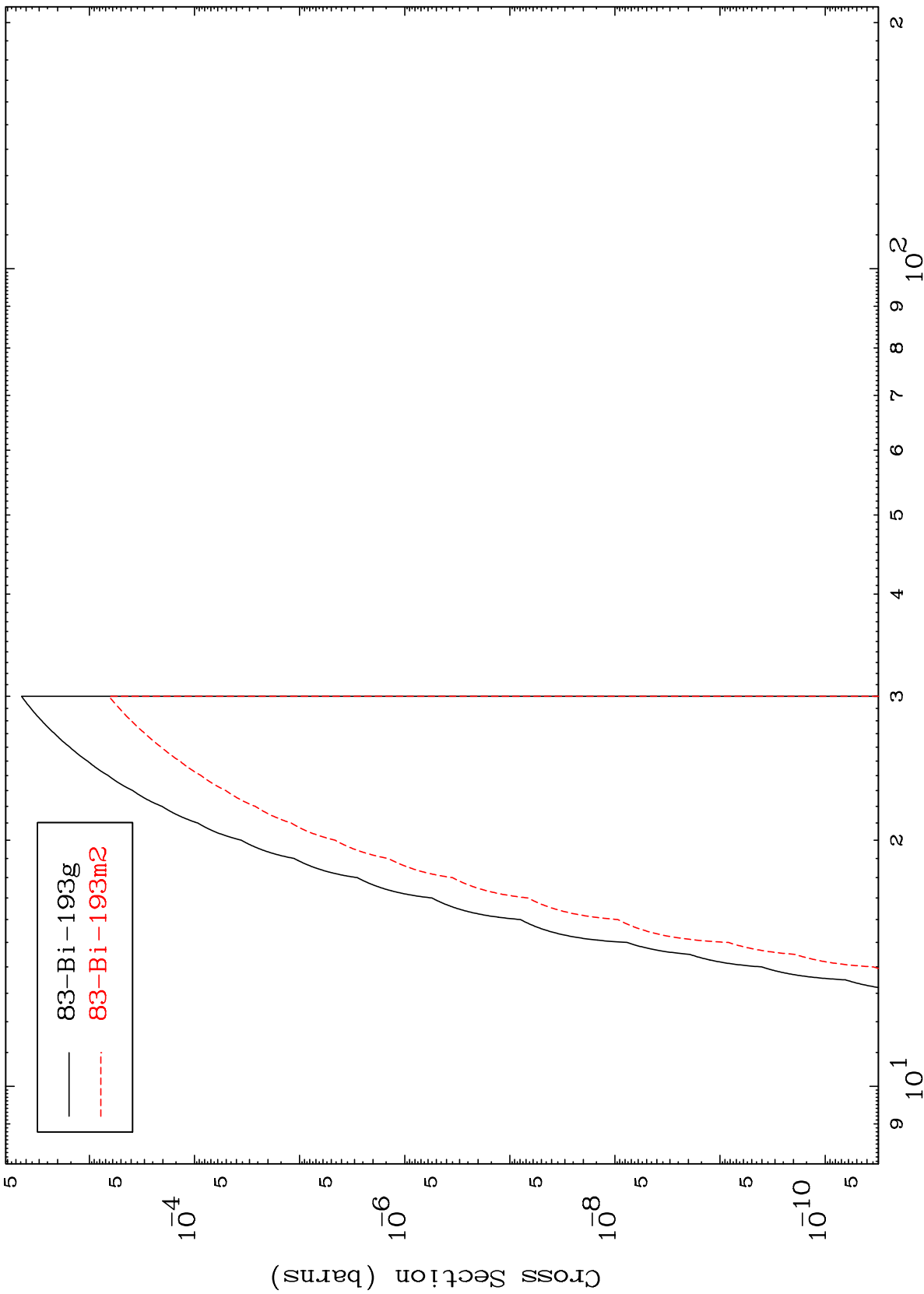
84-Po-195

MAT 8392

(n,n') d

84-Po-195

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m2

79

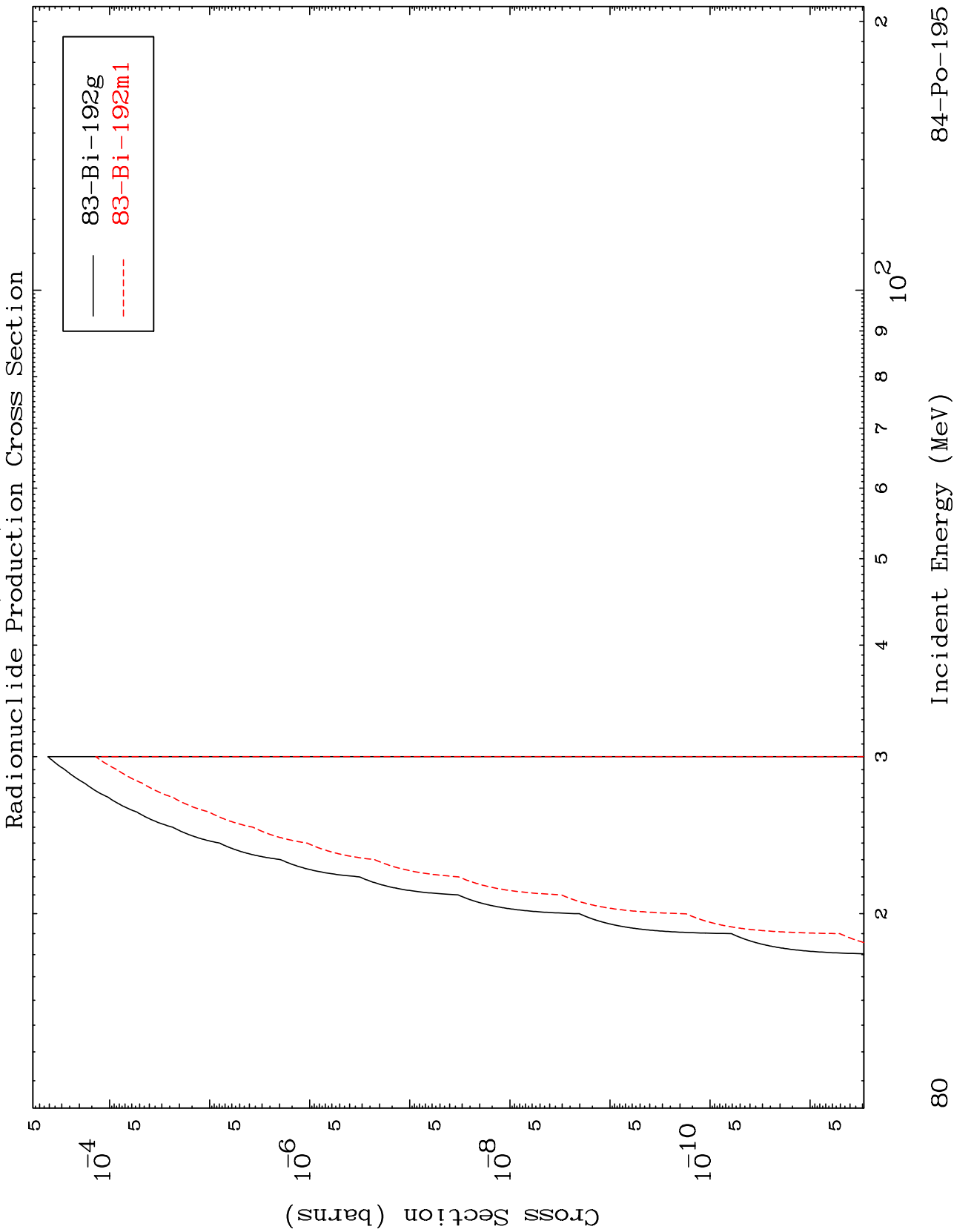
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,n') t

84-Po-195



80

Incident Energy (MeV)

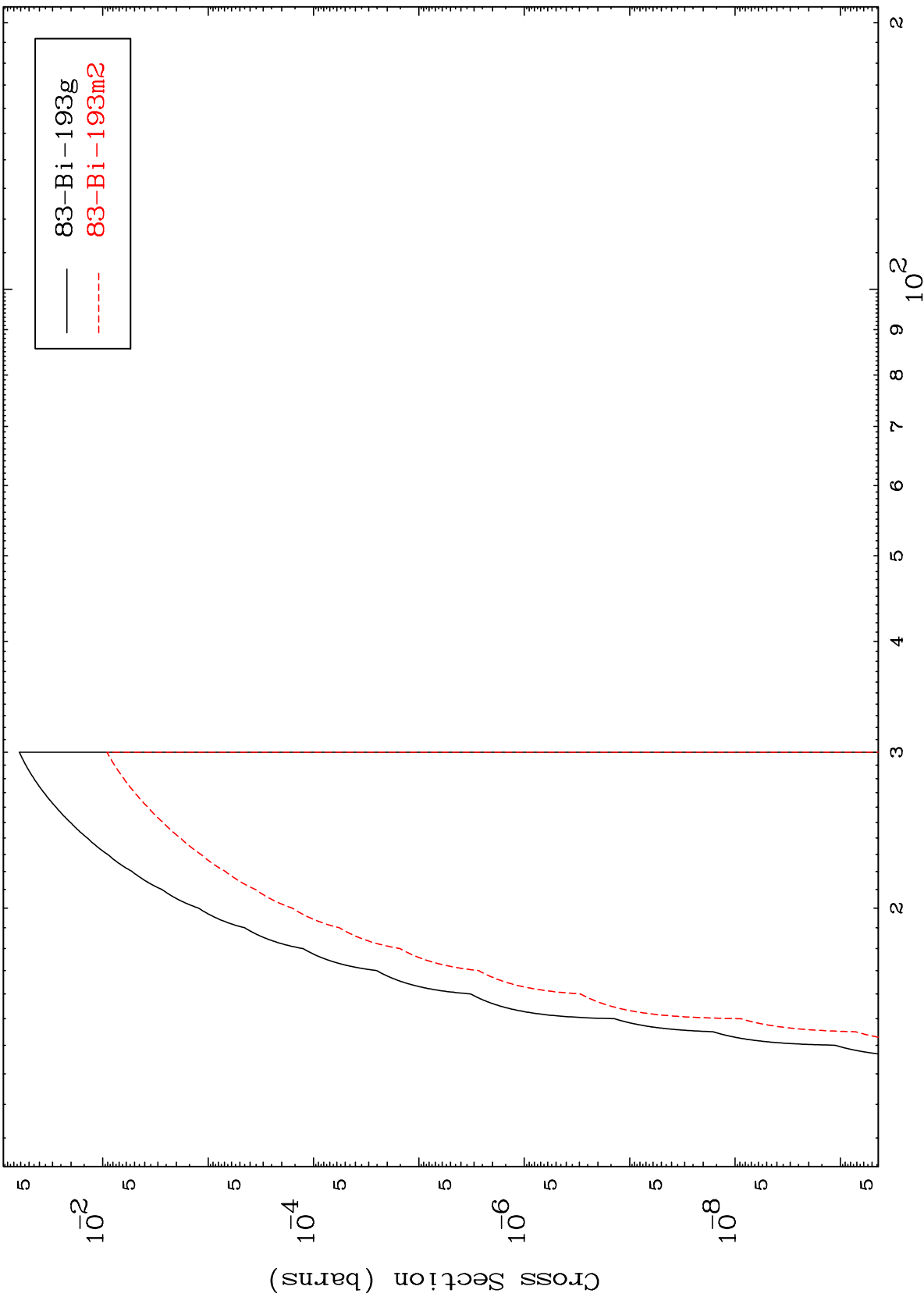
84-Po-195

MAT 8392

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



81

Incident Energy (MeV)

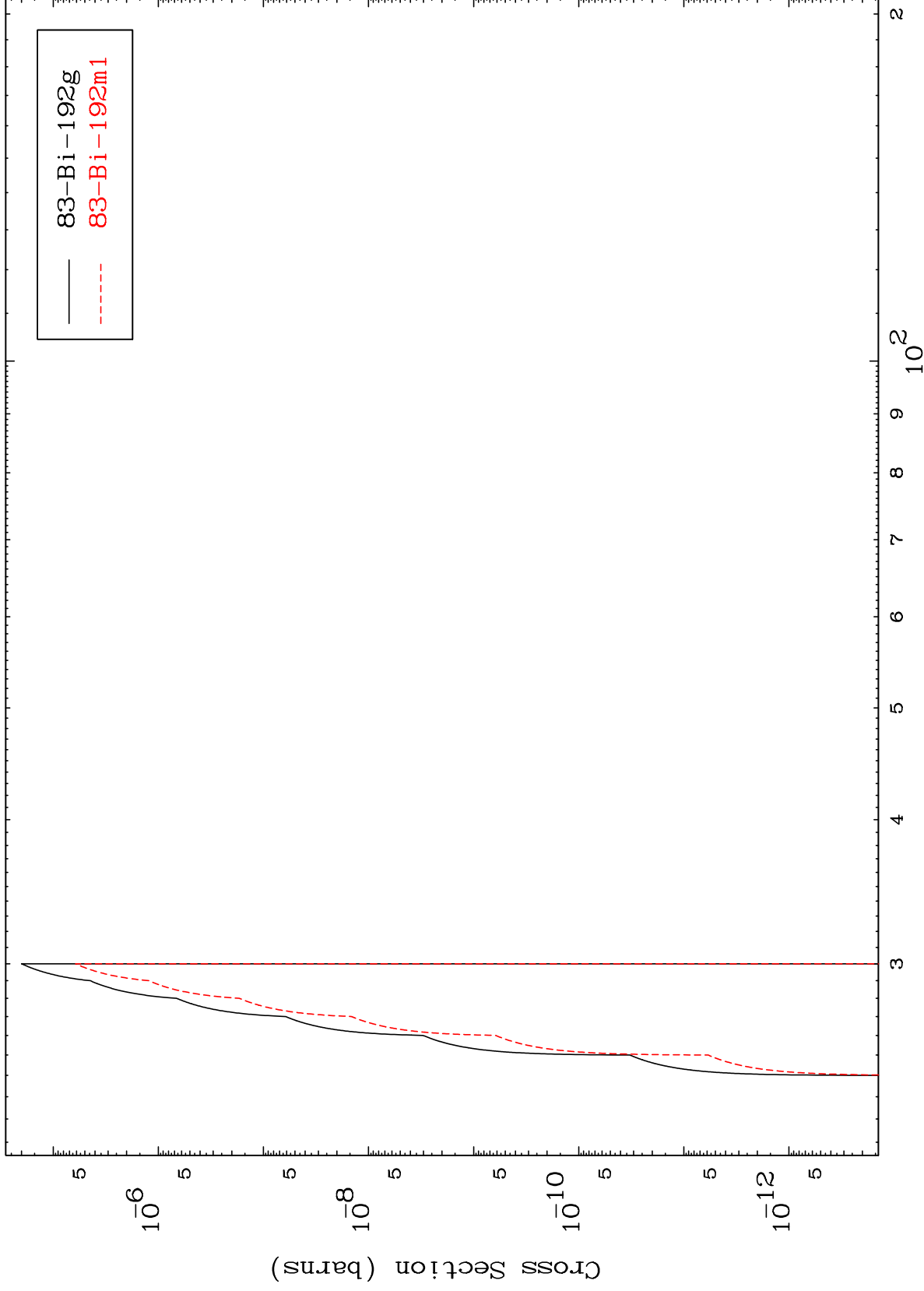
84-Po-195

MAT 8392

(n,3n) p

84-Po-195

Radionuclide Production Cross Section



82

Incident Energy (MeV)

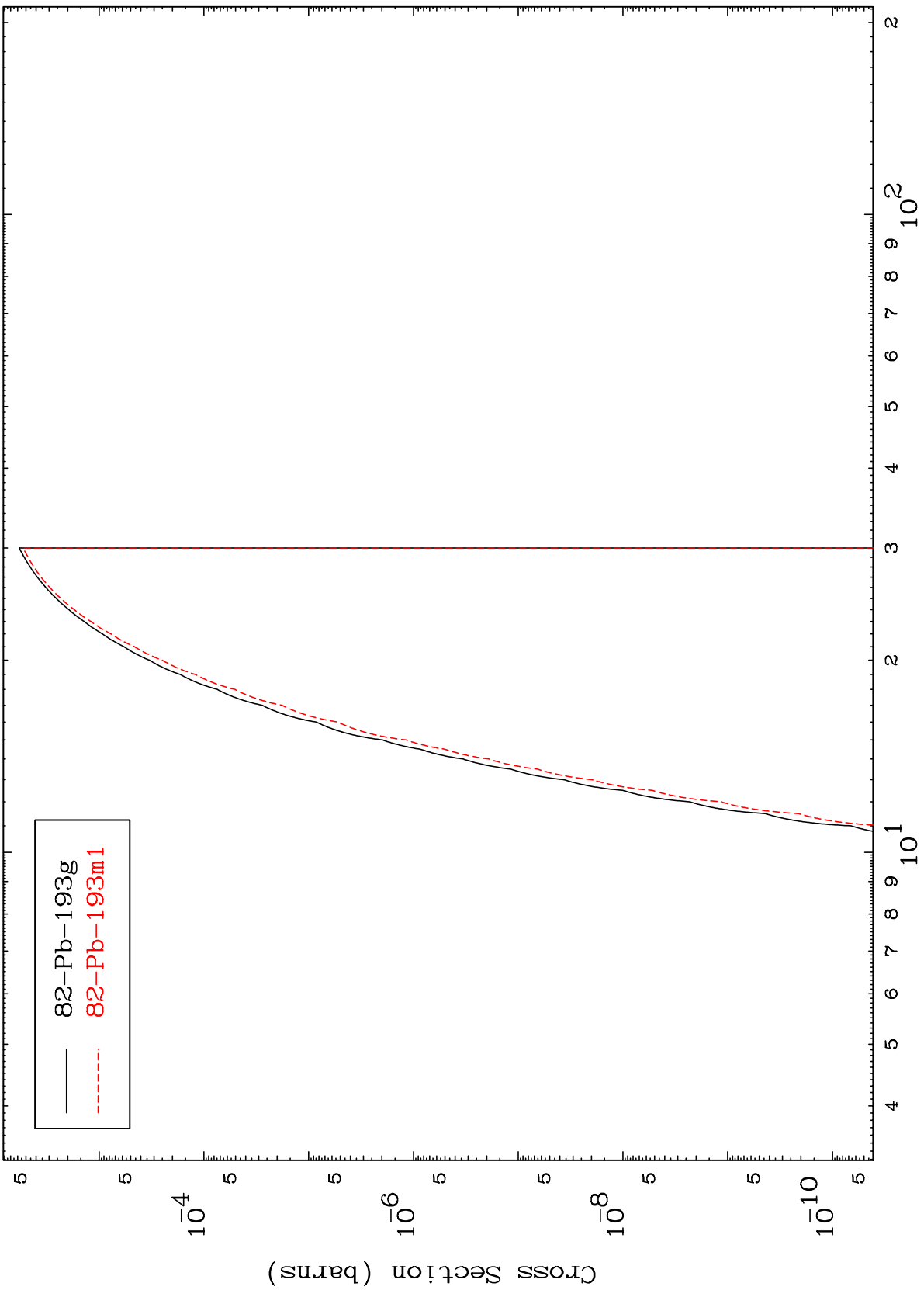
84-Po-195

MAT 8392

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



83

Incident Energy (MeV)

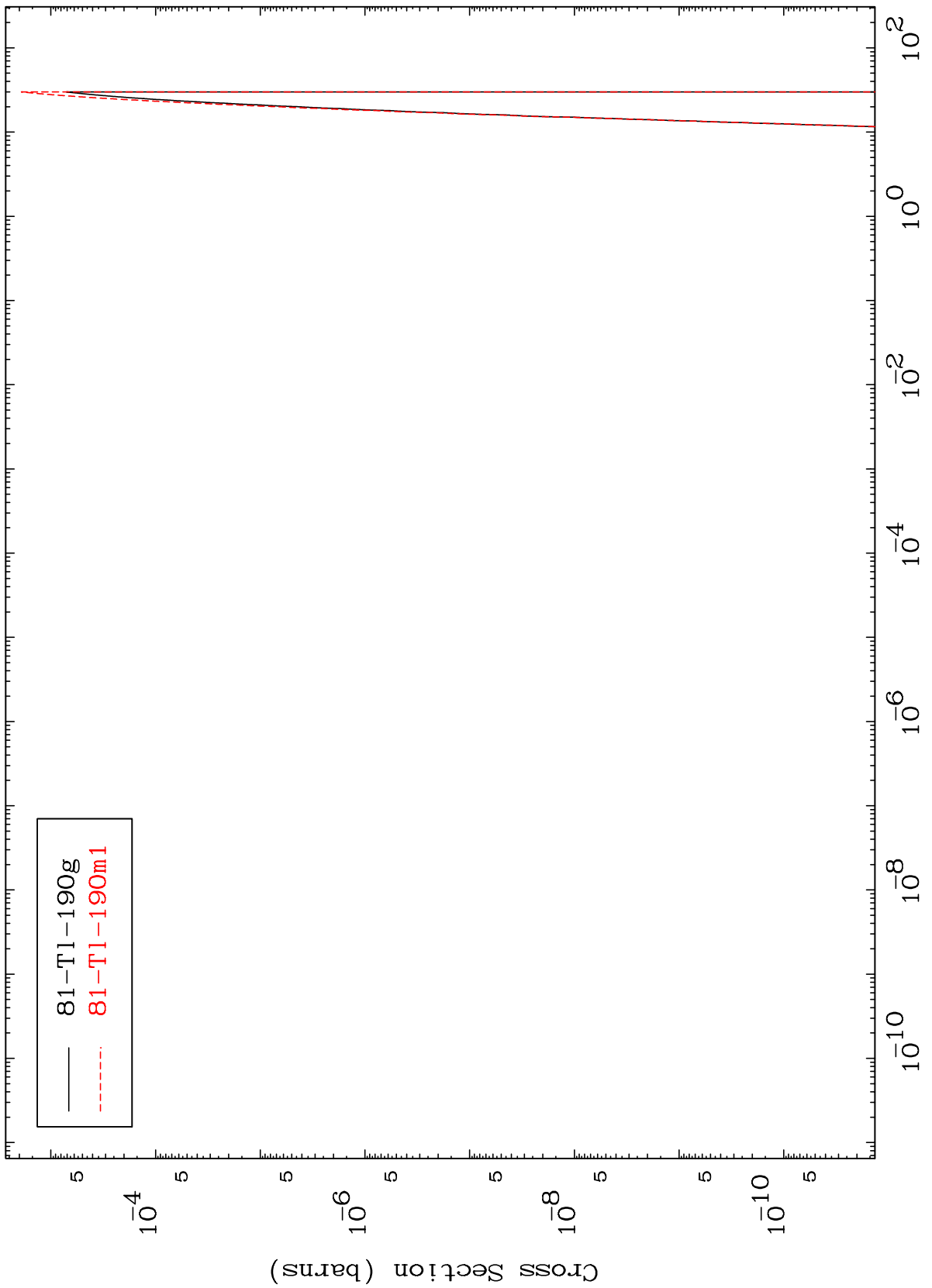
84-Po-195

MAT 8392

(n,n') p α

84-Po-195

Radionuclide Production Cross Section

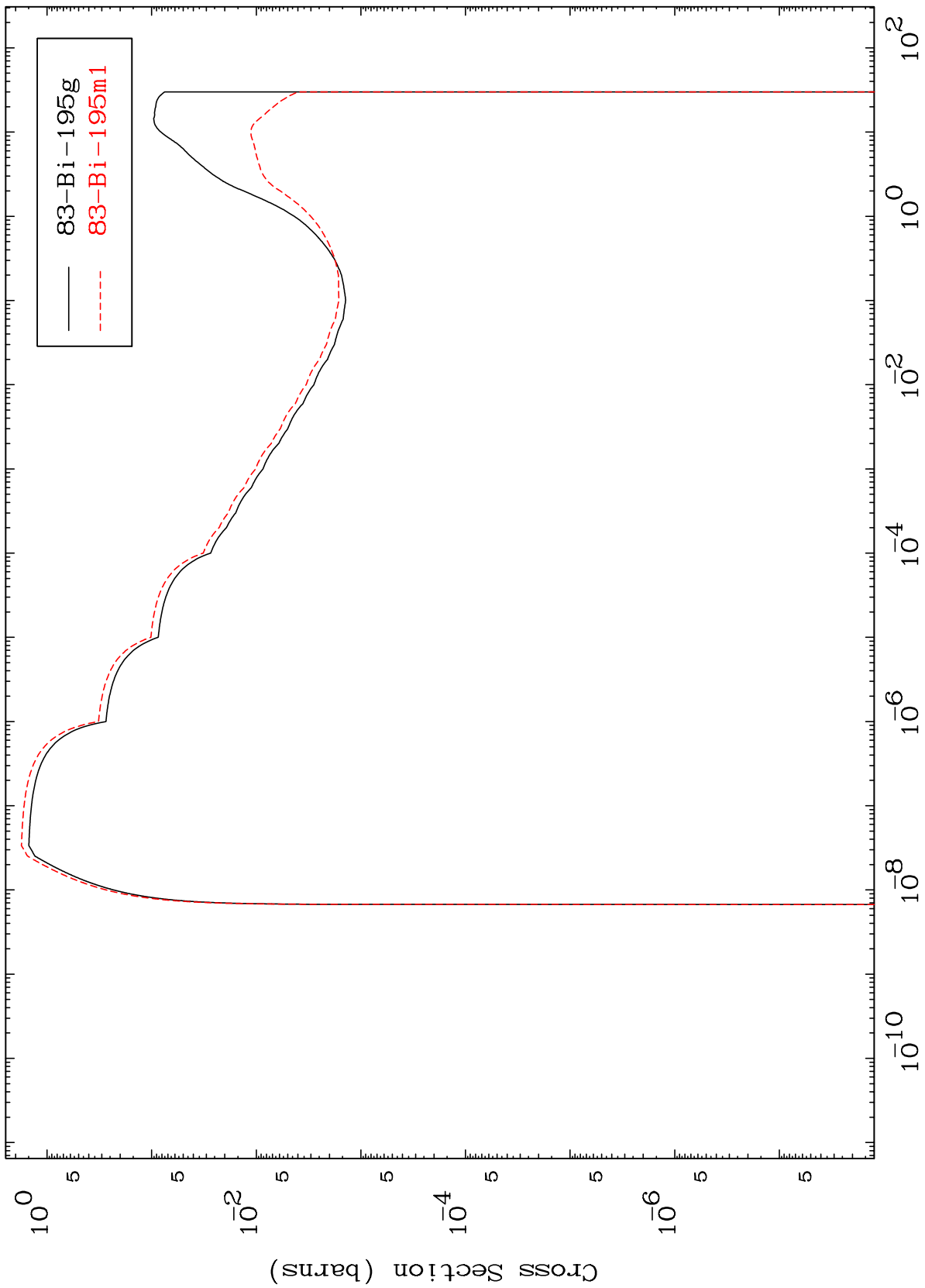


84

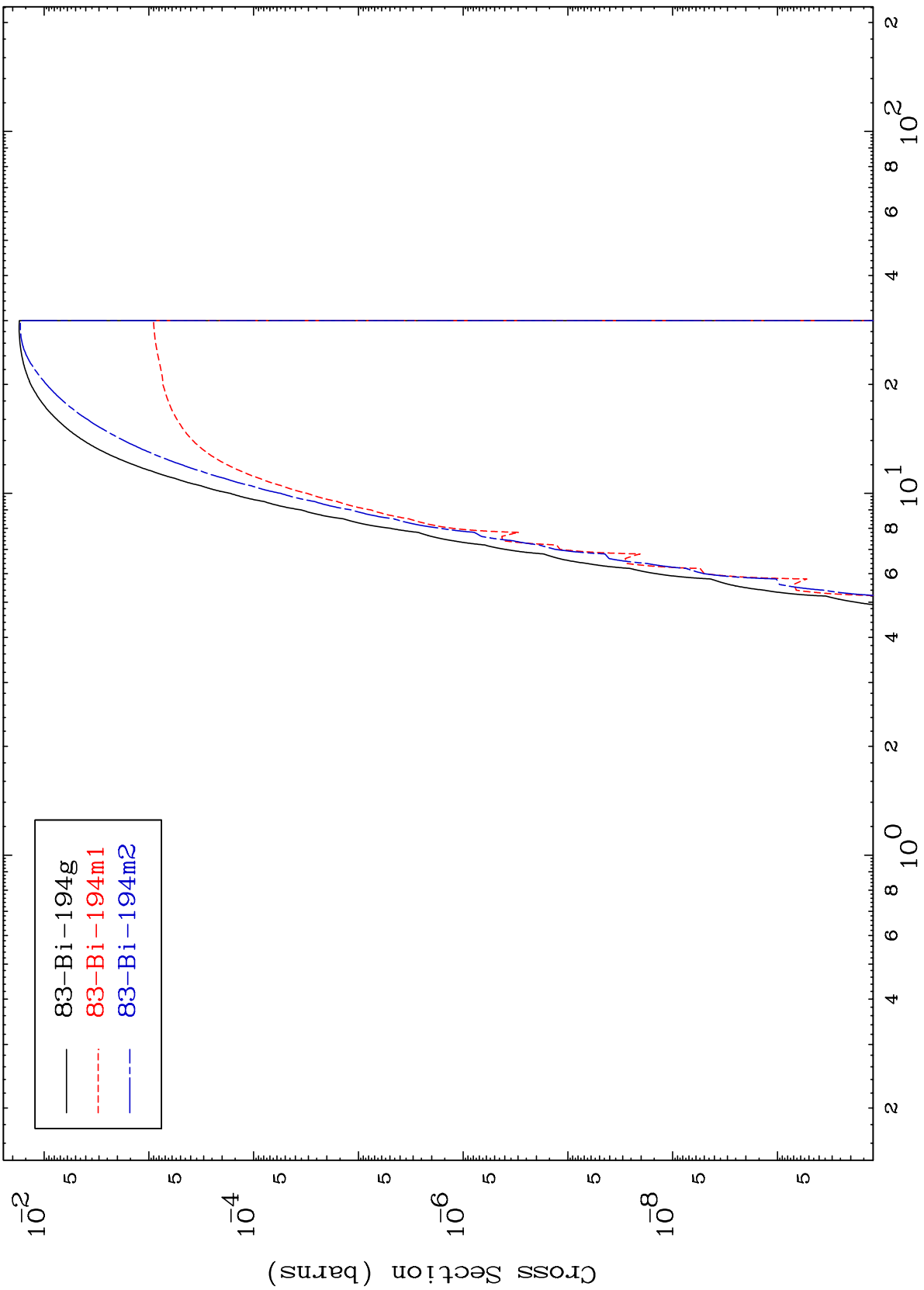
Incident Energy (MeV)

84-Po-195

(n,p)
Radionuclide Production Cross Section



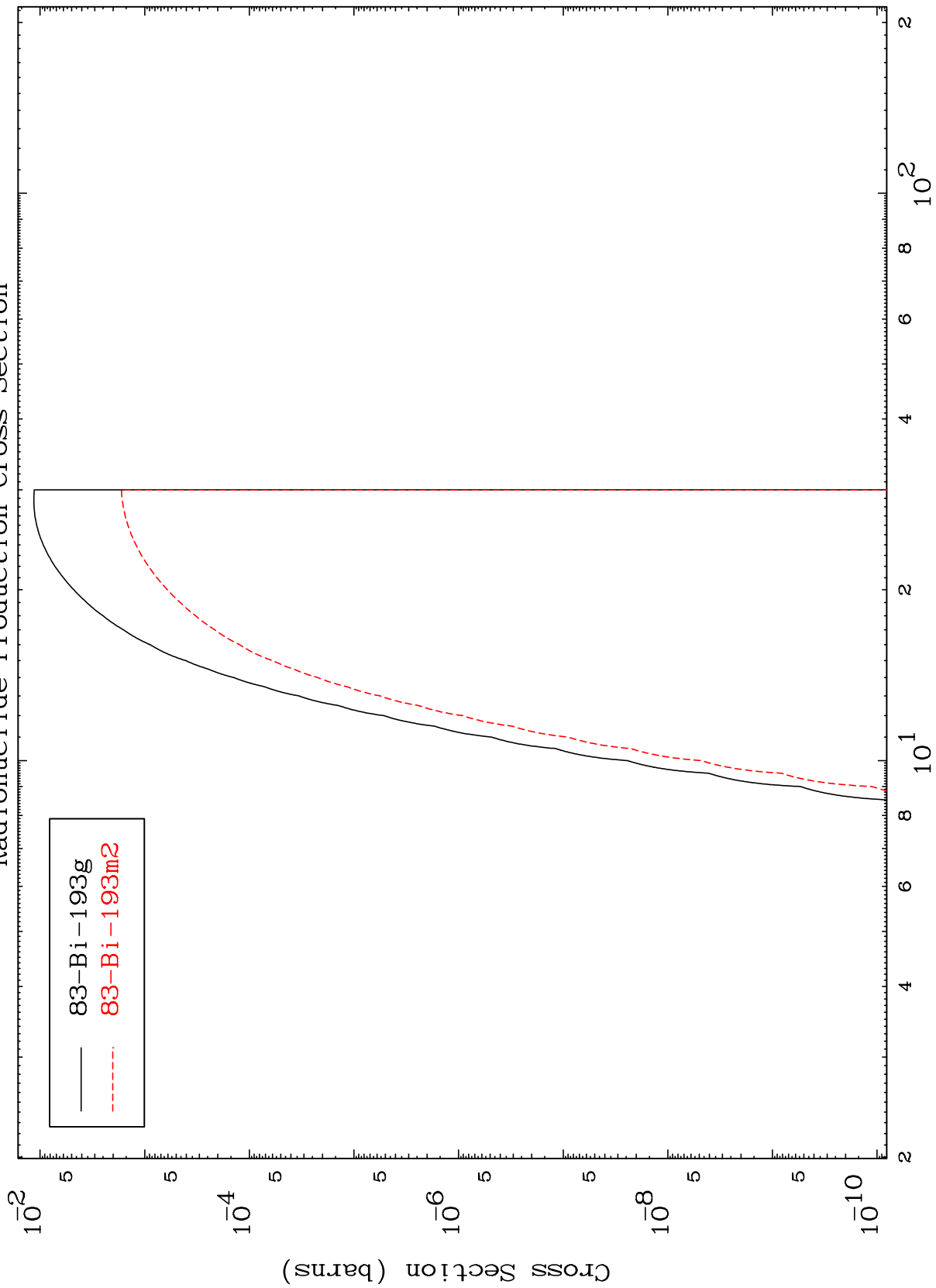
Radionuclide Production Cross Section



MAT 8392

84-Po-195

(n, t)
Radionuclide Production Cross Section



87

Incident Energy (MeV)

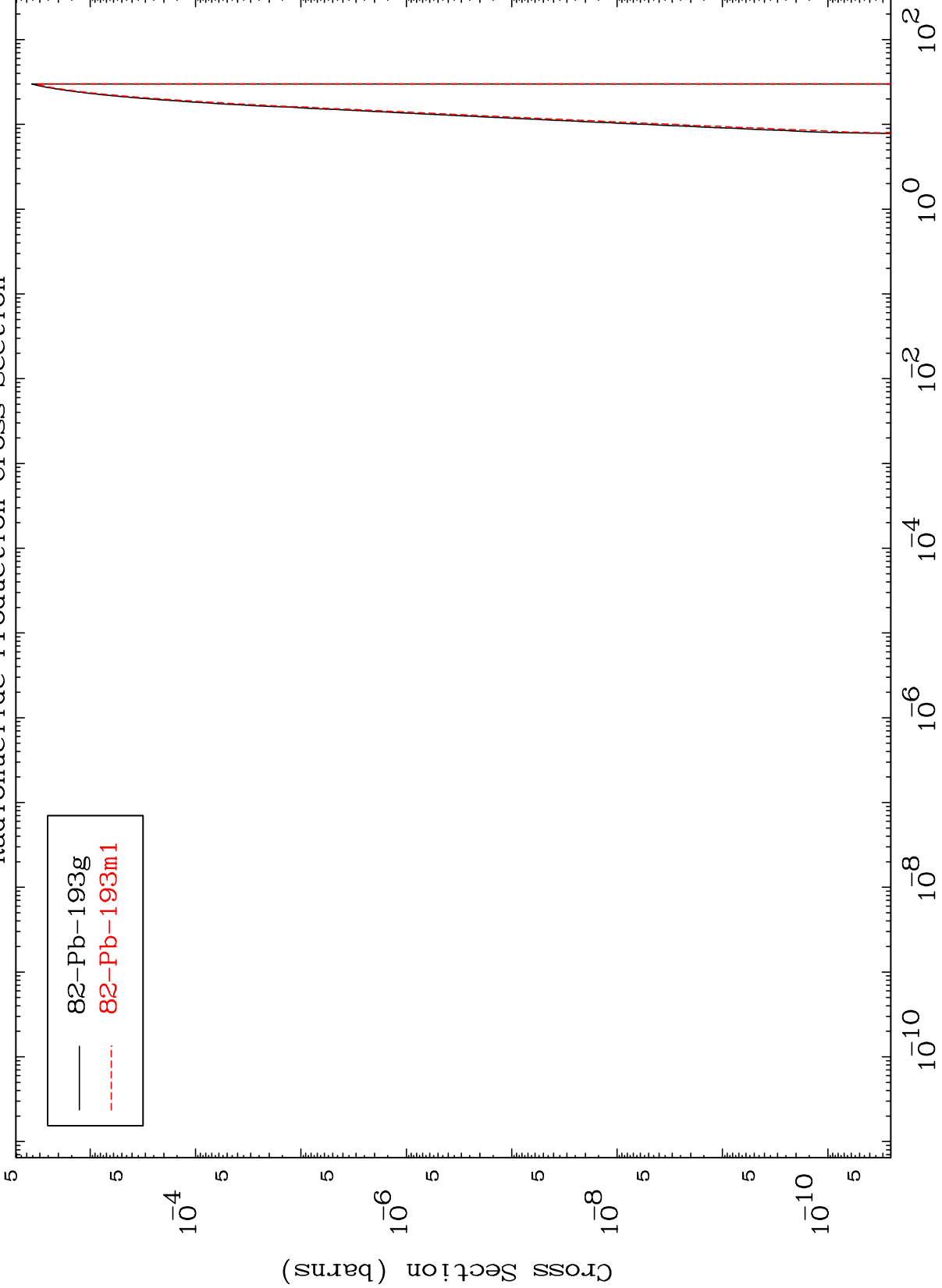
84-Po-195

MAT 8392

(n,He-3)

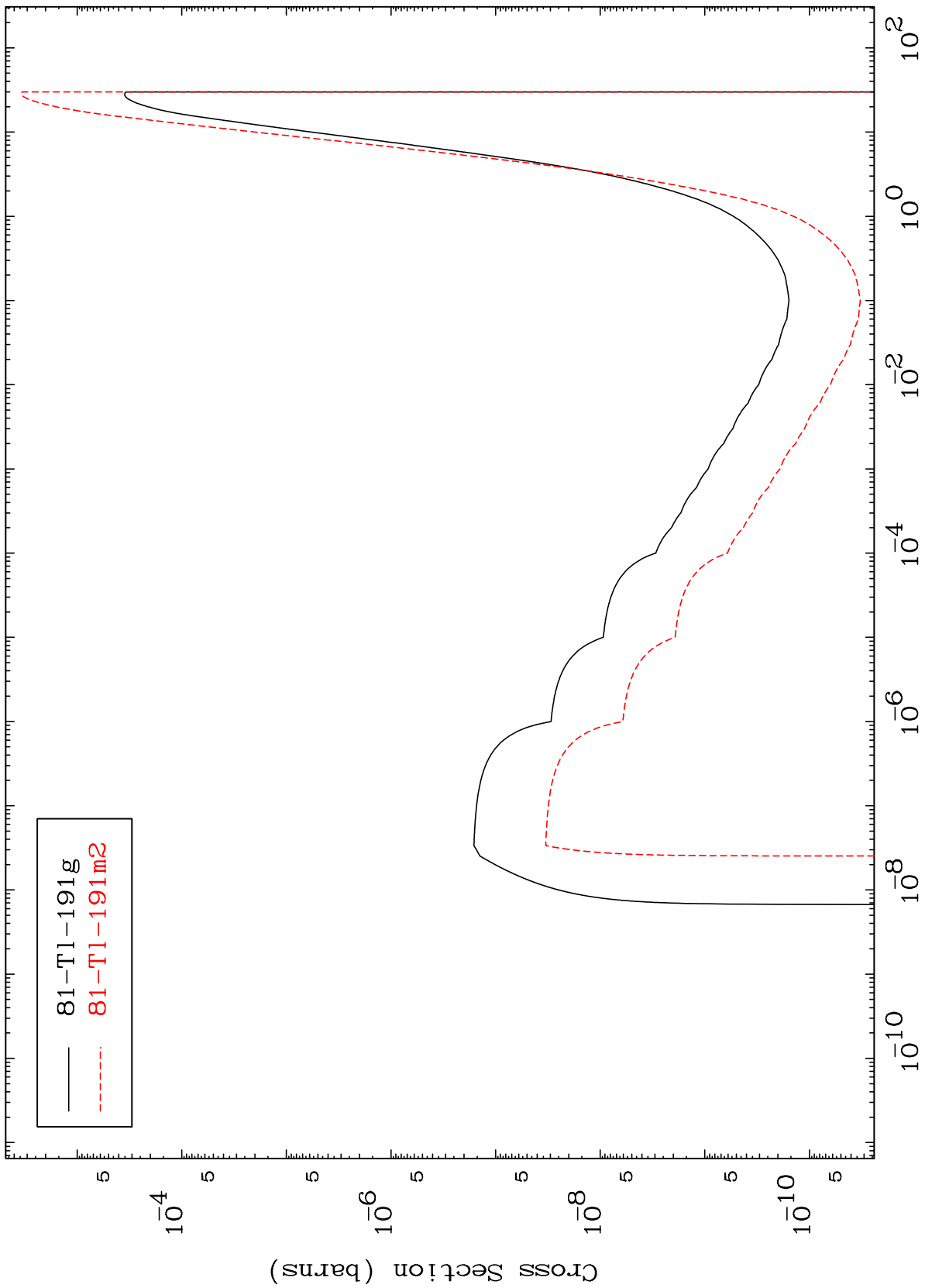
84-Po-195

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

Radionuclide Production Cross Section

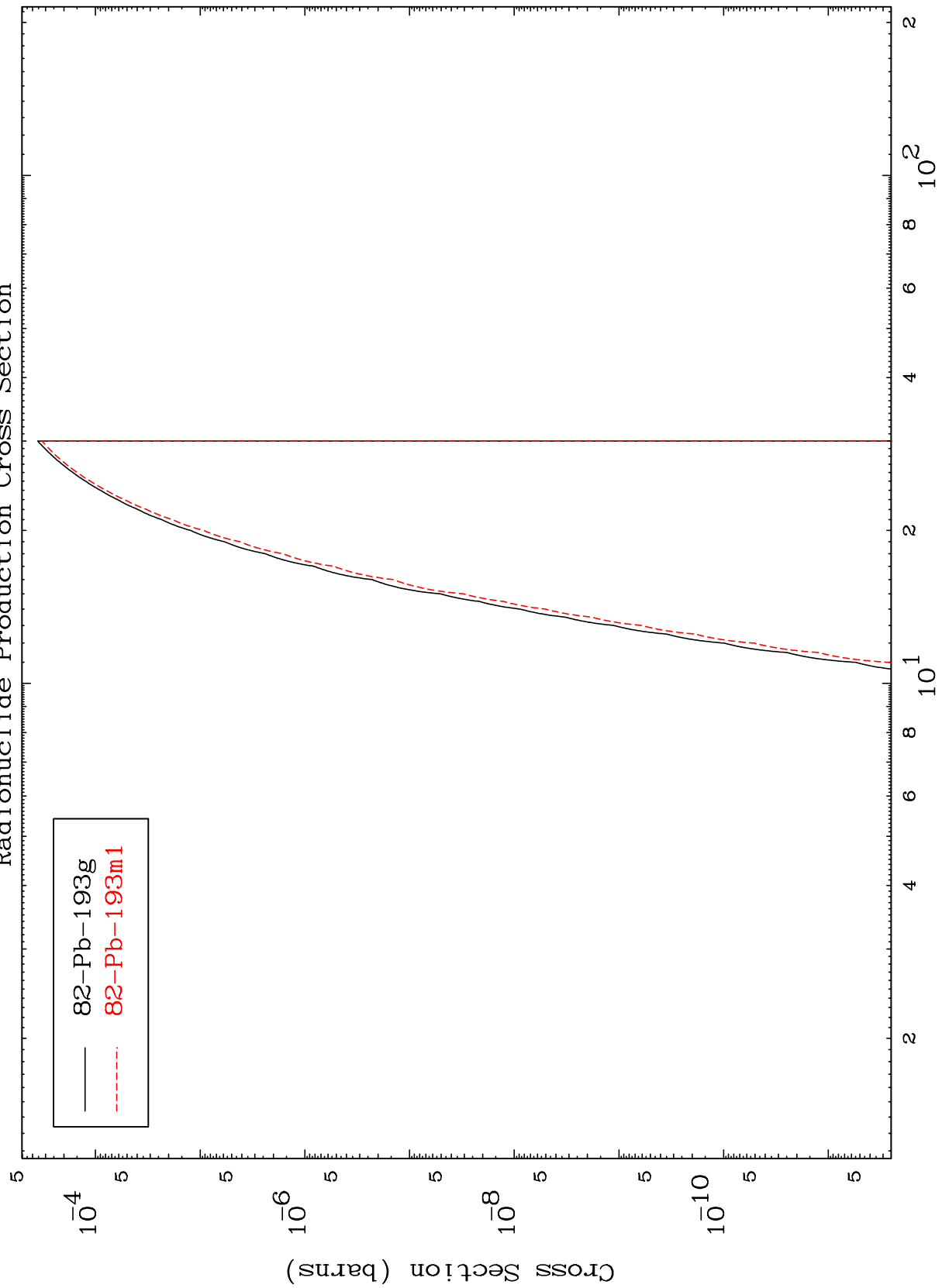


MAT 8392

(n,p) d

84-Po-195

Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

90

Incident Energy (MeV)

84-Po-195

MAT 8392

(n,d) α

84-Po-195

Radionuclide Production Cross Section

