

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

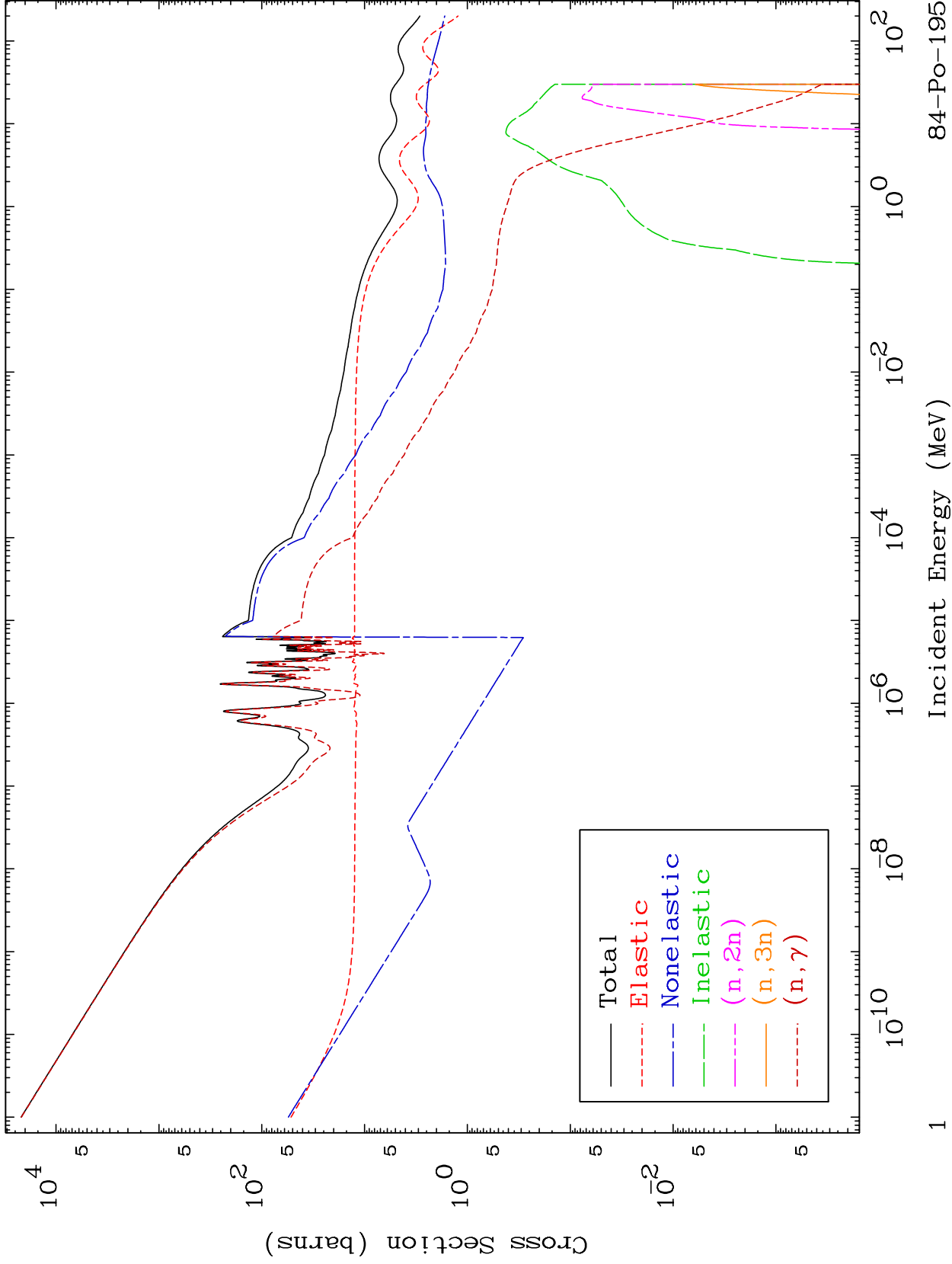
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8392

Neutron Major
293 Kelvin Cross Sections

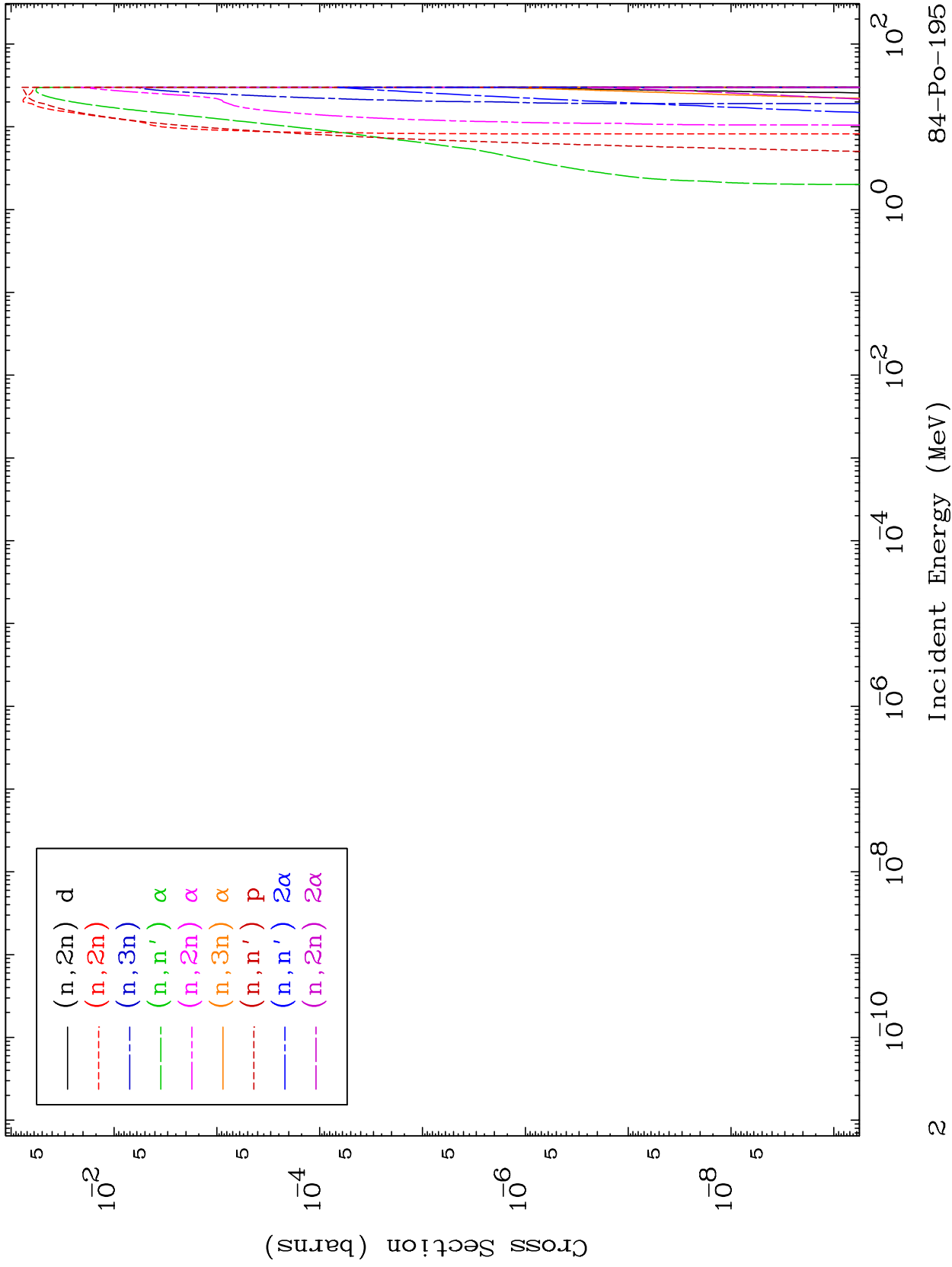
84-Po-195



MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

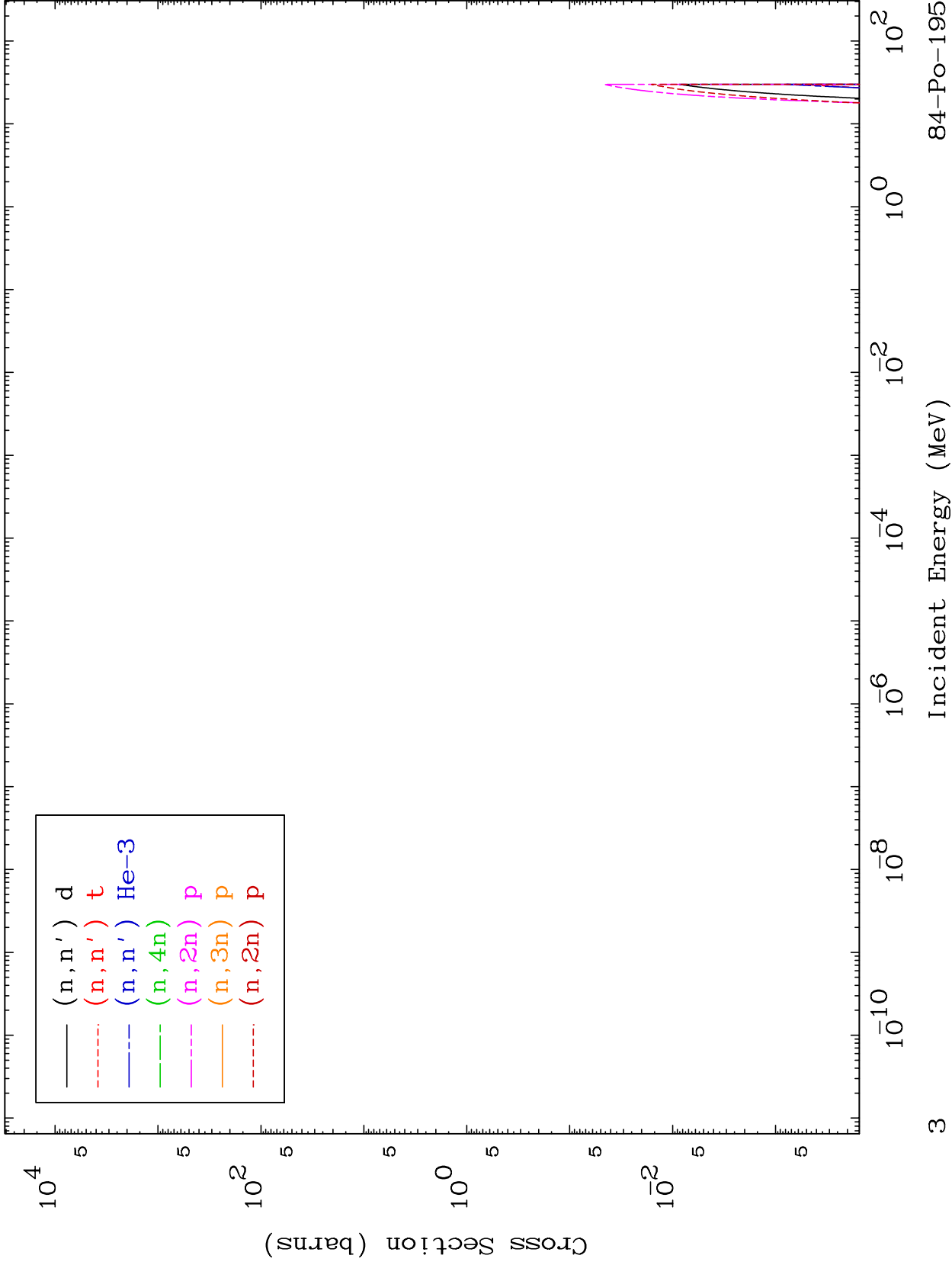
84-Po-195



MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

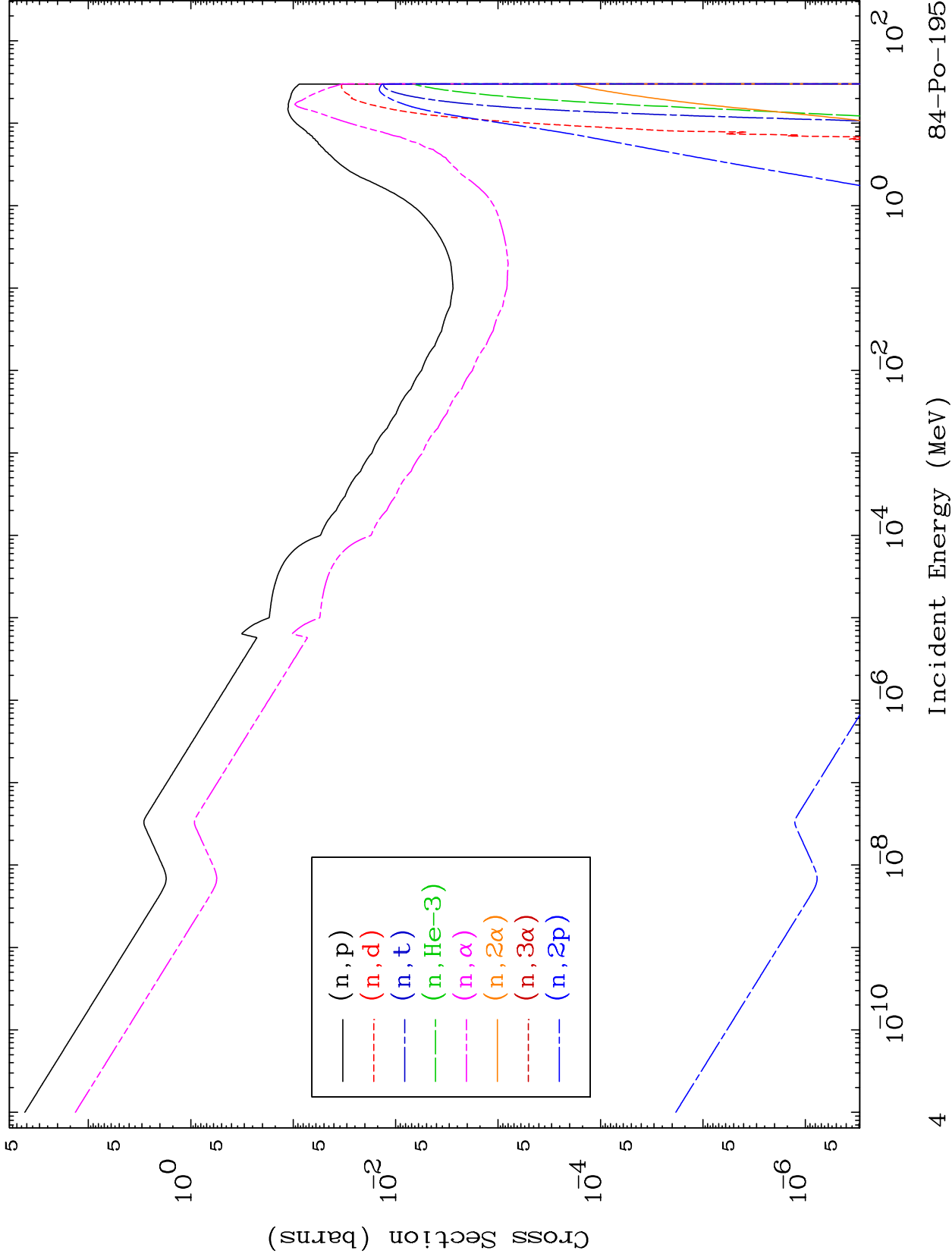
84-Po-195



MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

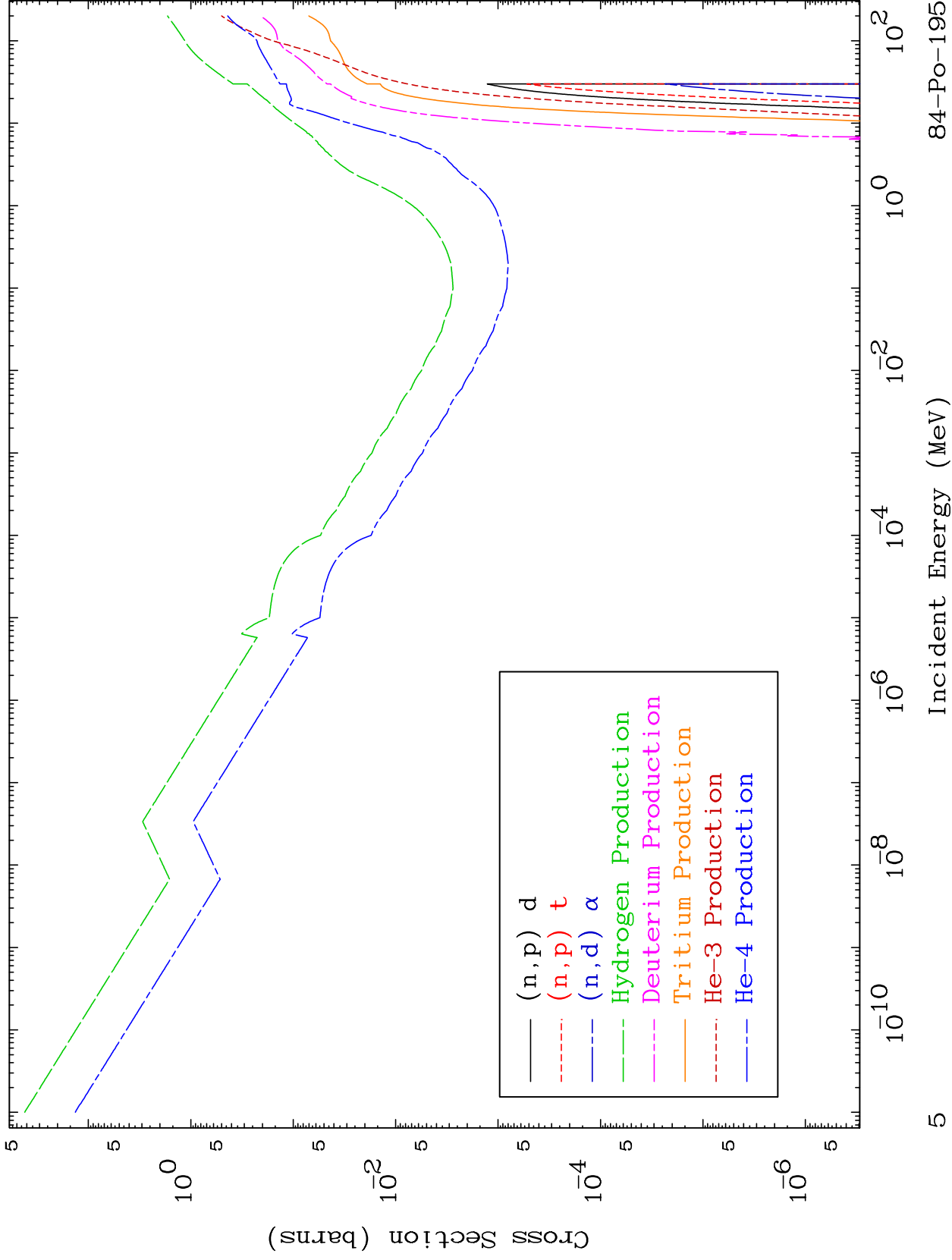
84-Po-195



MAT 8392

Neutron Absorption
293 Kelvin Cross Sections

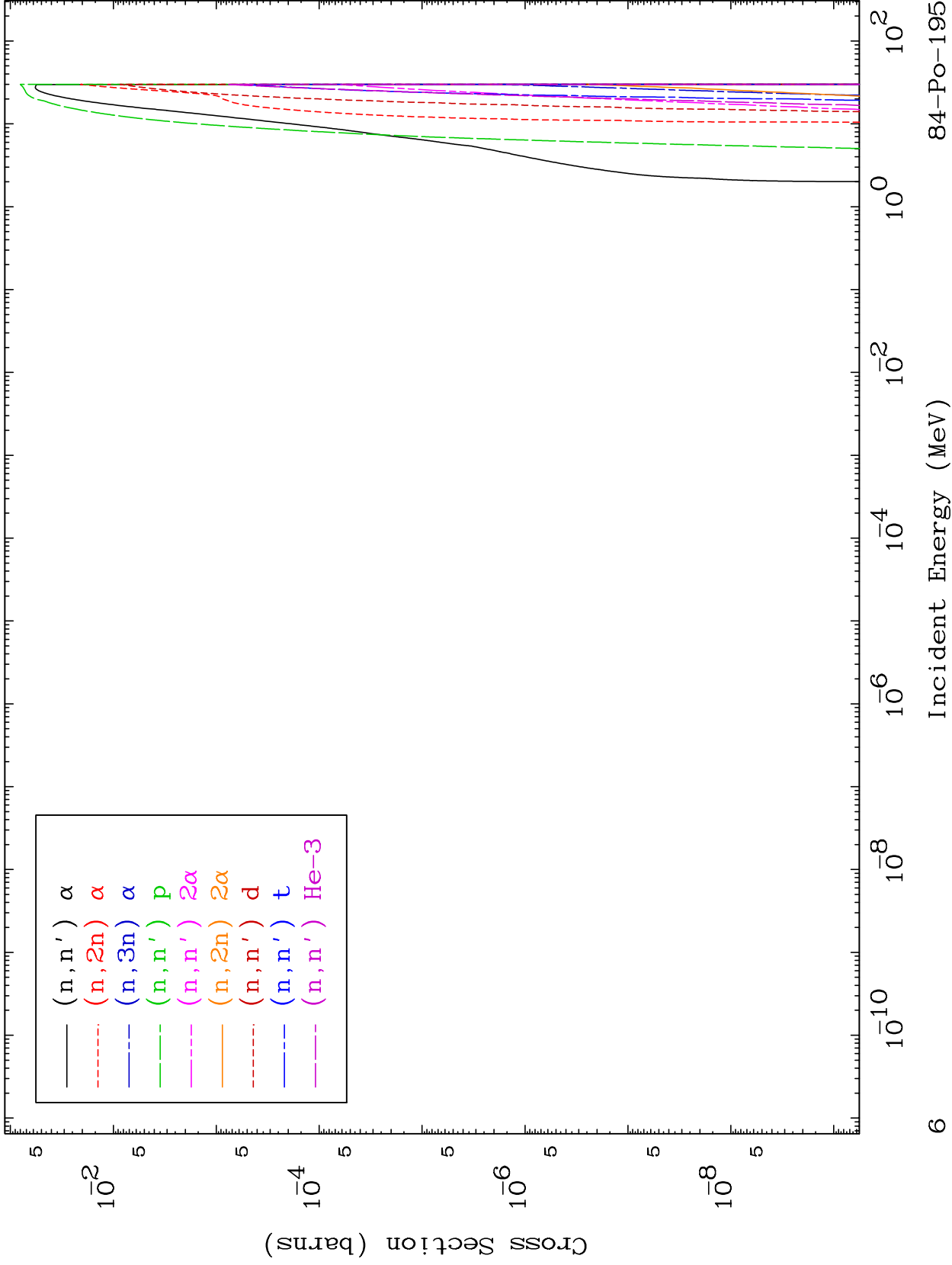
84-Po-195



MAT 8392

Charged Particle
293 Kelvin Cross Sections

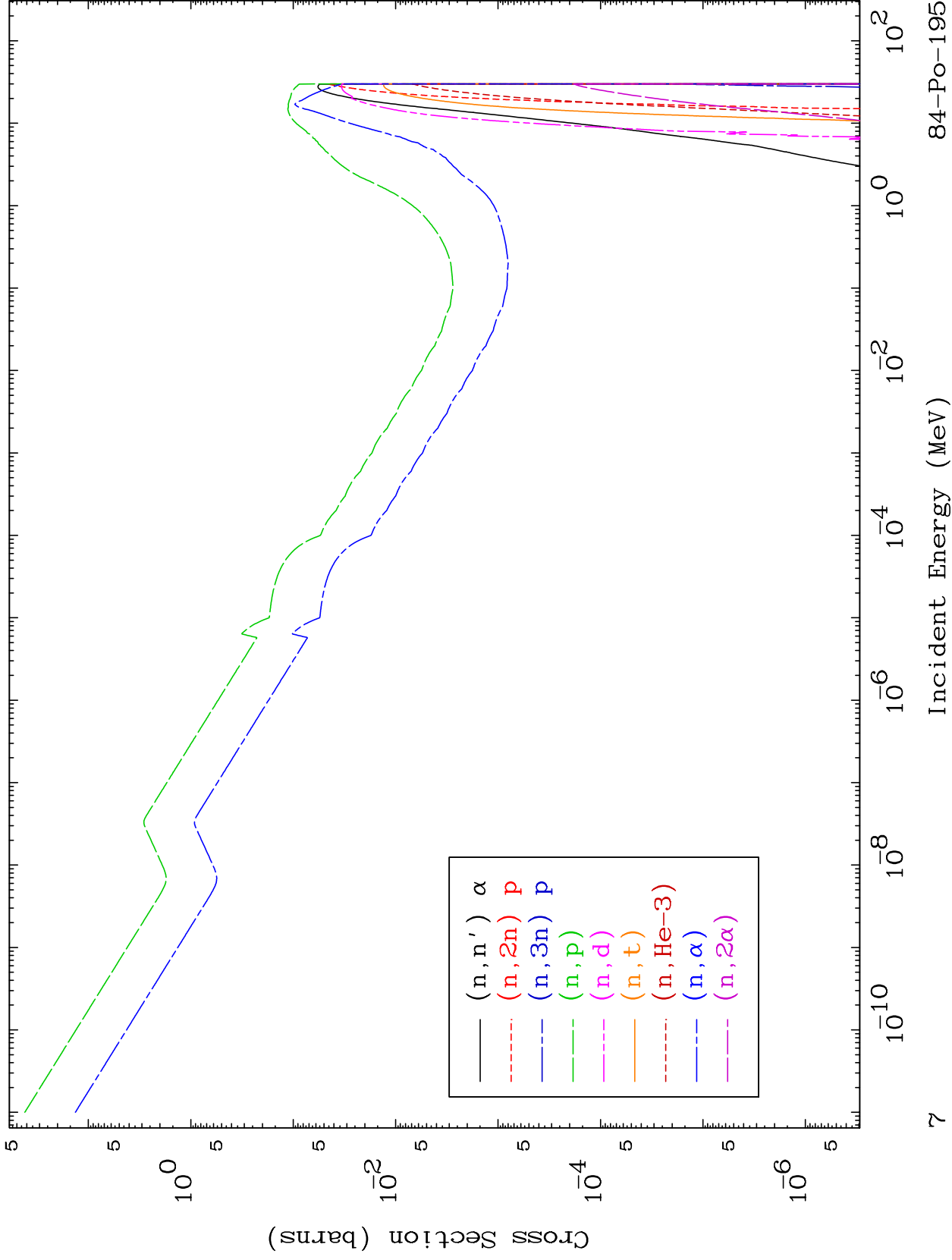
84-Po-195



MAT 8392

Charged Particle
293 Kelvin Cross Sections

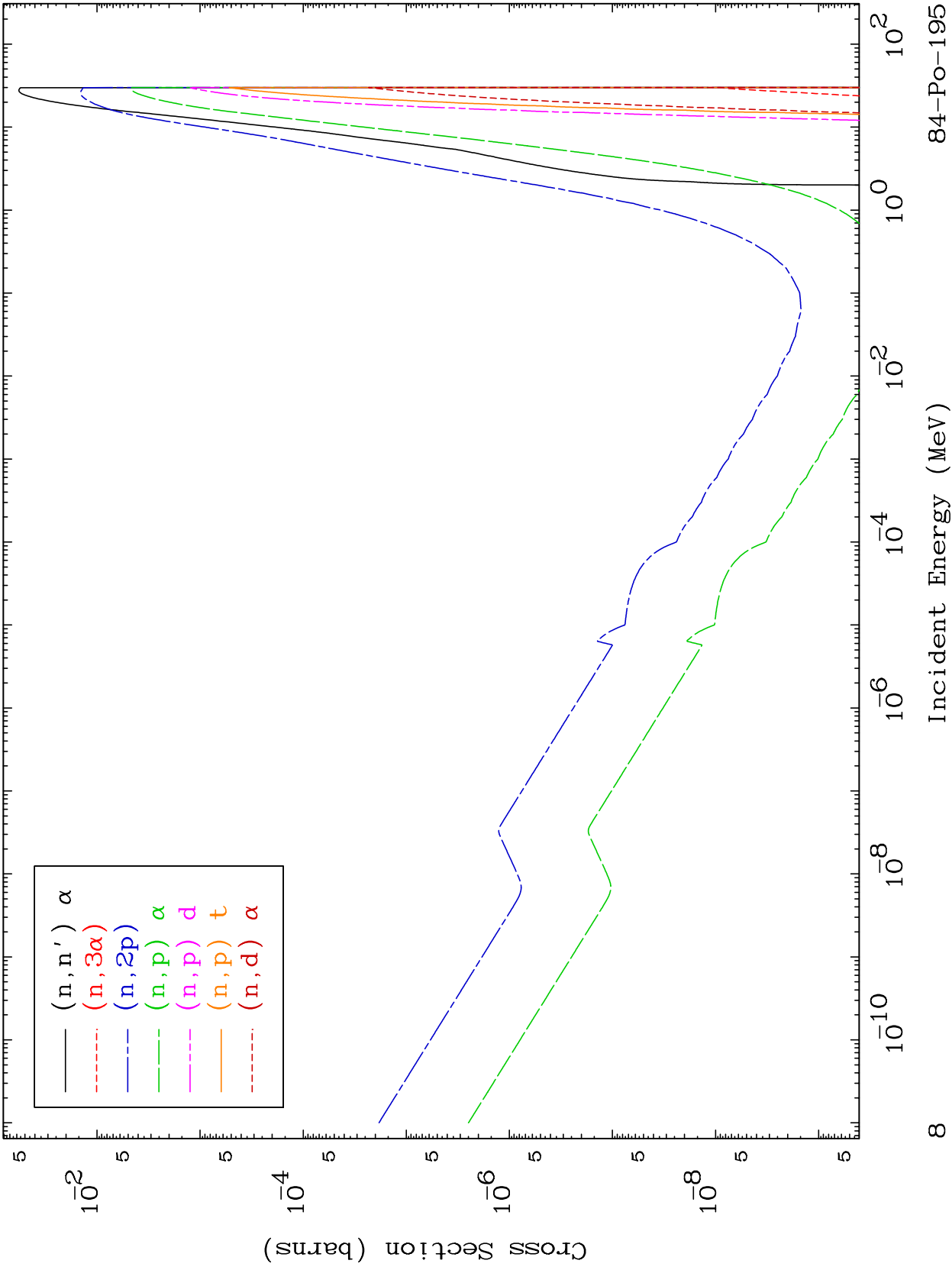
84-Po-195



MAT 8392

Charged Particle
293 Kelvin Cross Sections

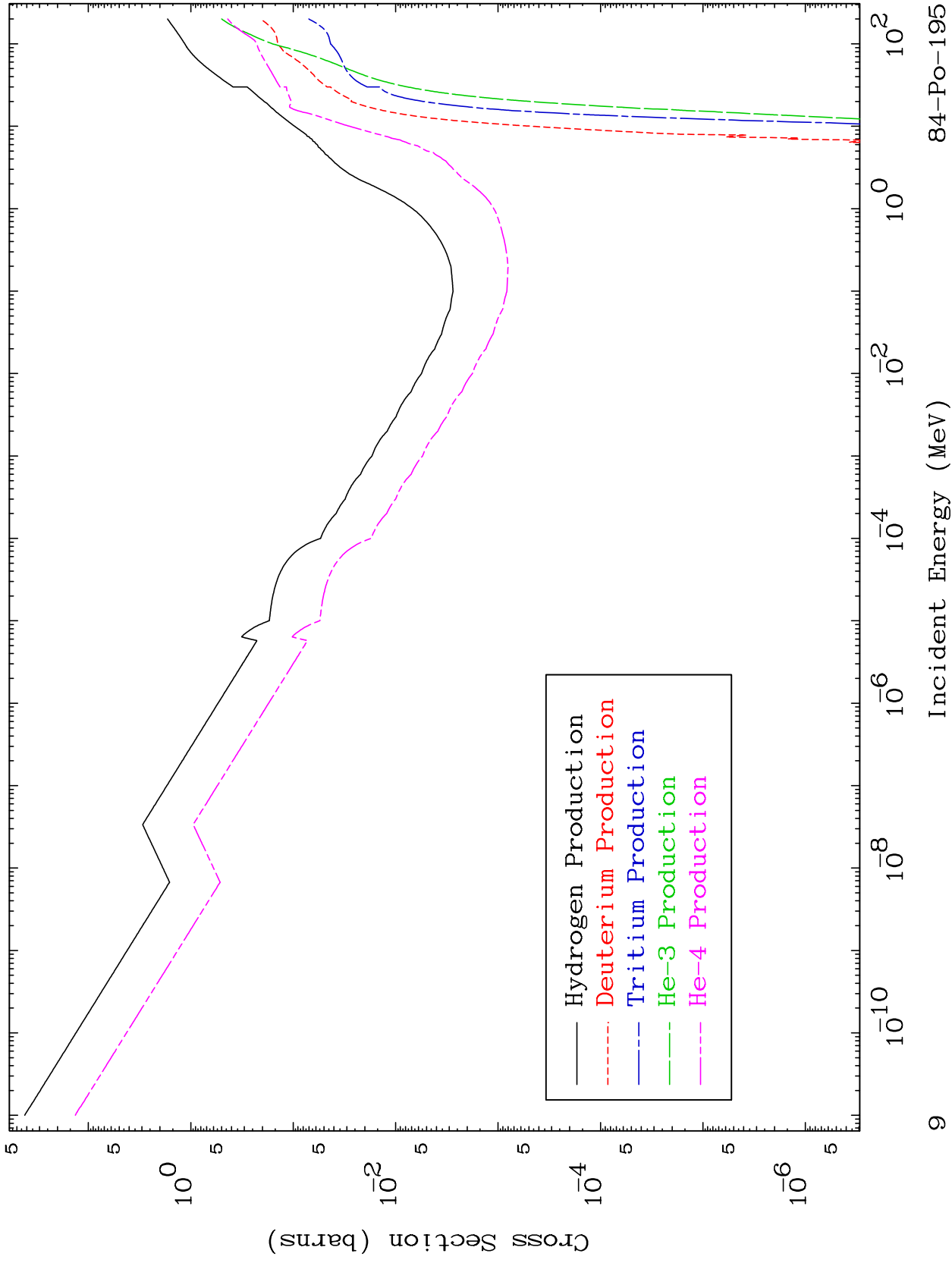
84-Po-195



MAT 8392

Particle Production
293 Kelvin Cross Sections

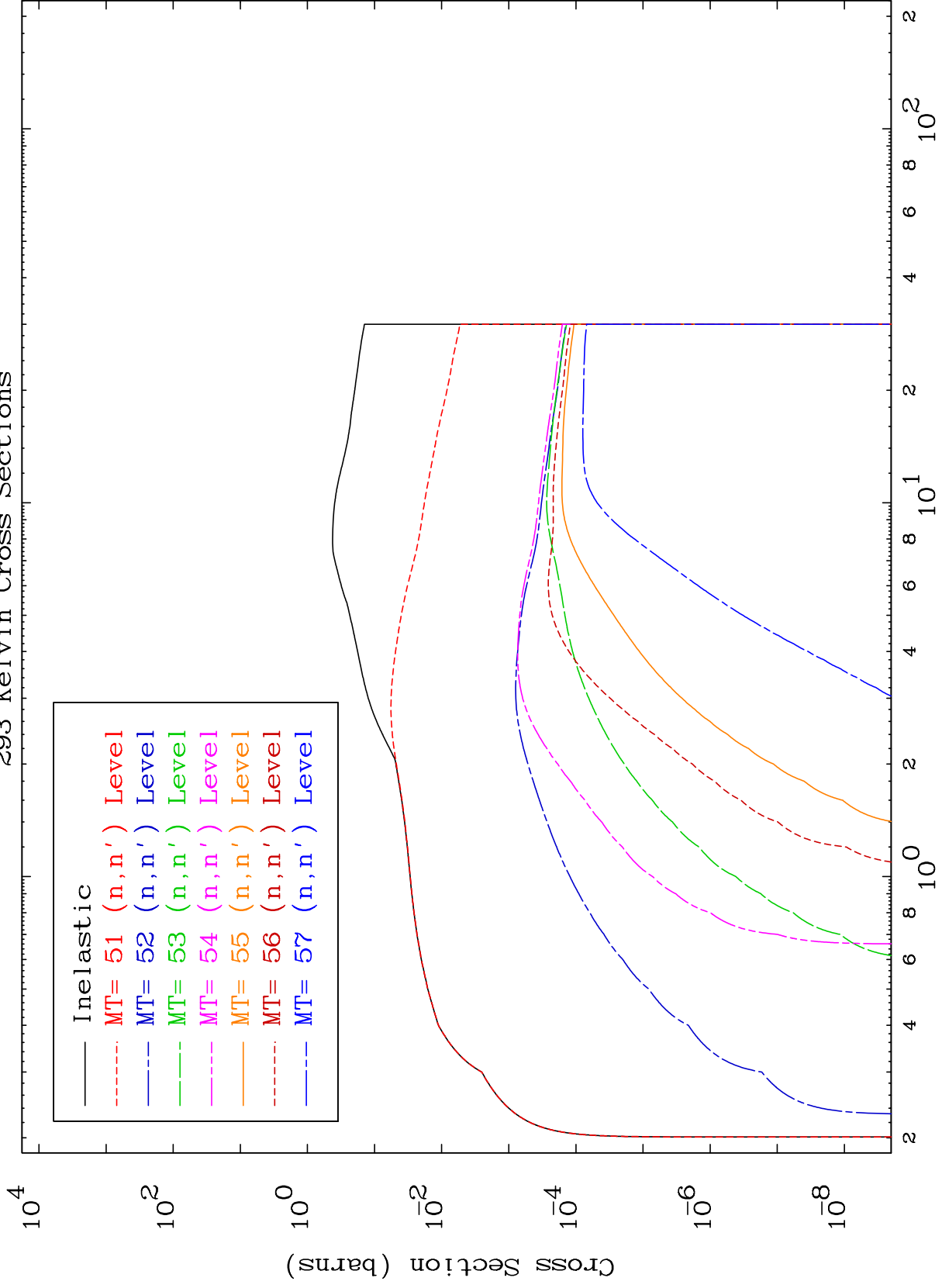
84-Po-195



MAT 8392

(n,n') Levels
293 Kelvin Cross Sections

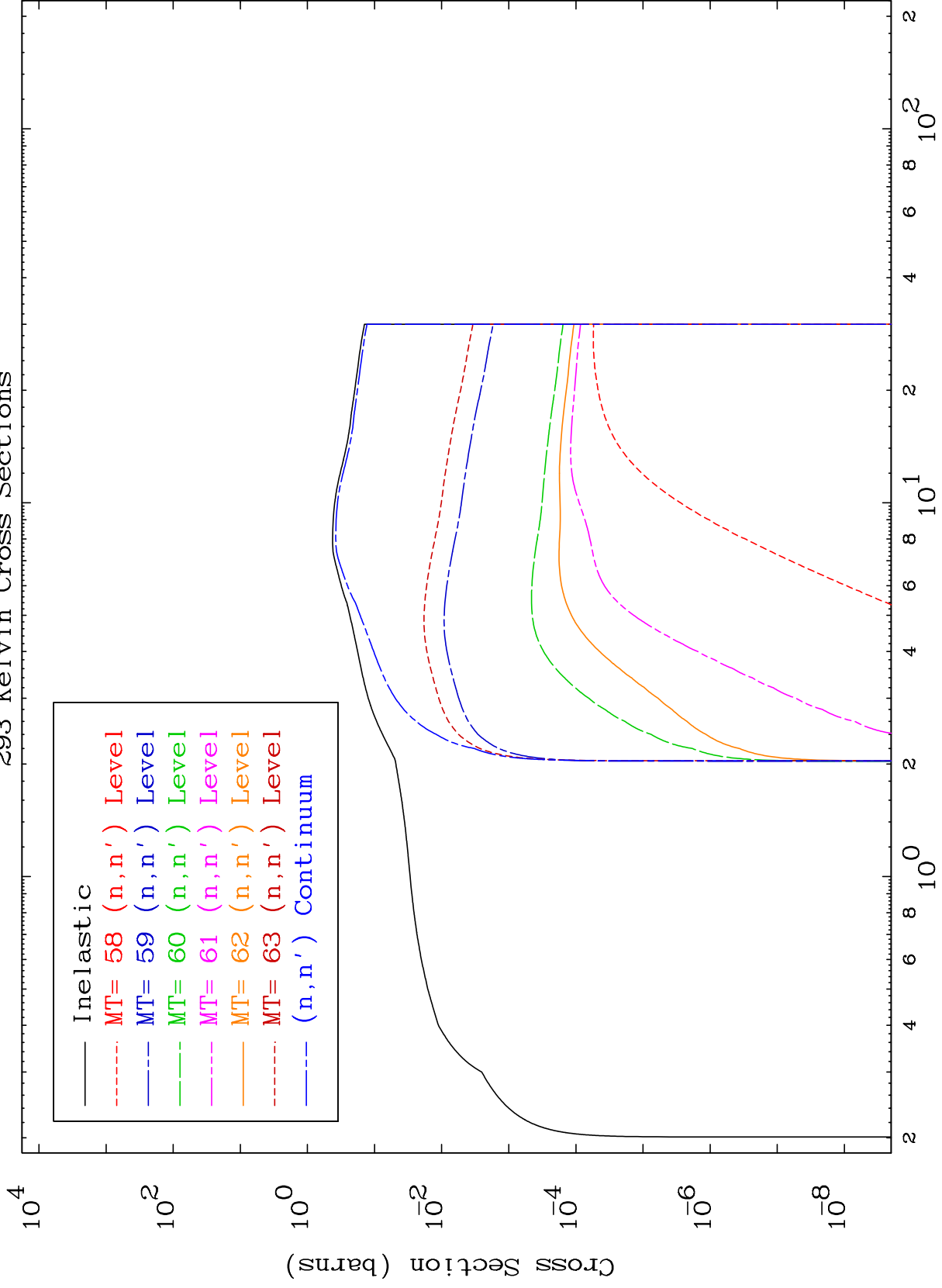
84-Po-195



Incident Energy (MeV)

84-Po-195

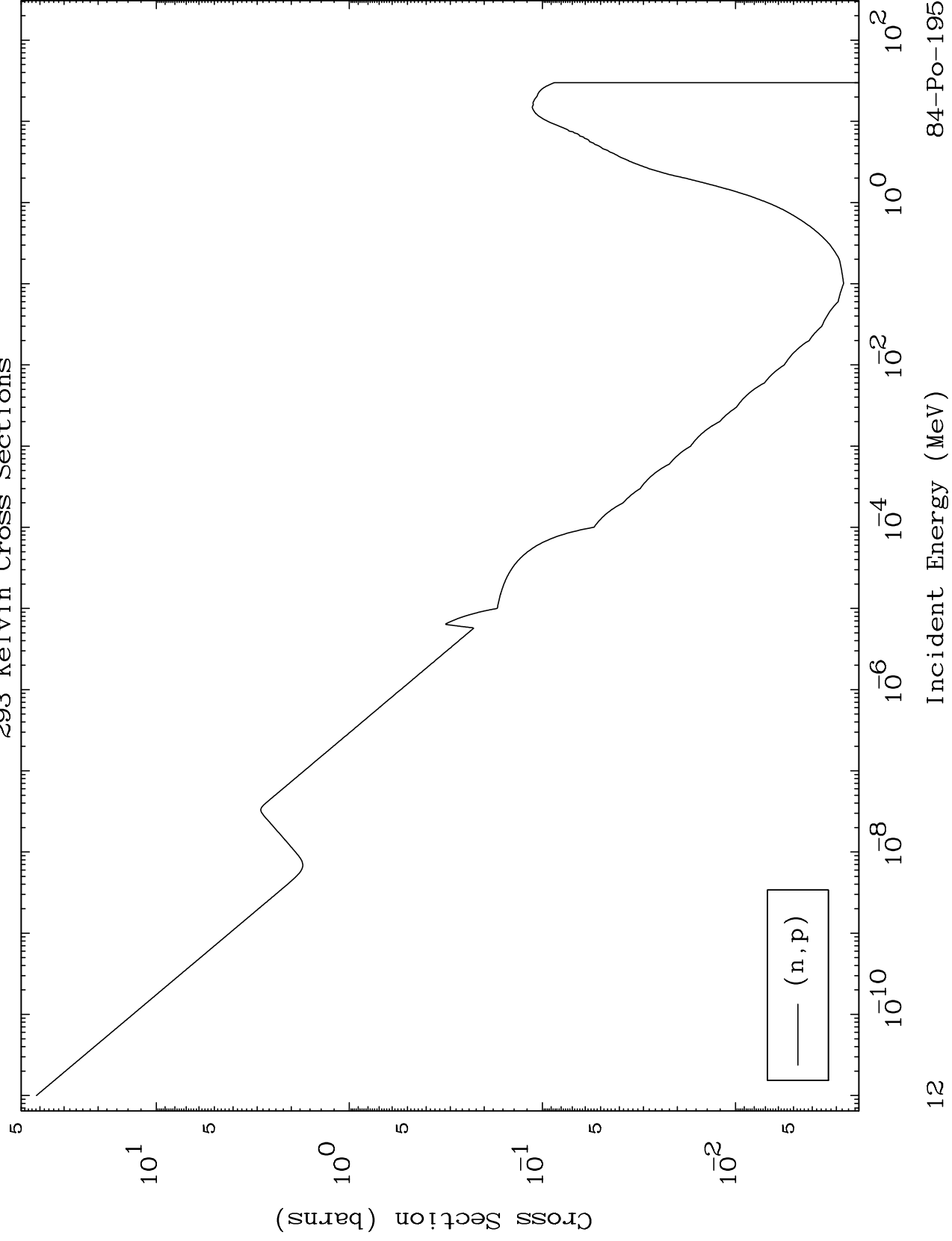
10



MAT 8392

(n,p) Levels
293 Kelvin Cross Sections

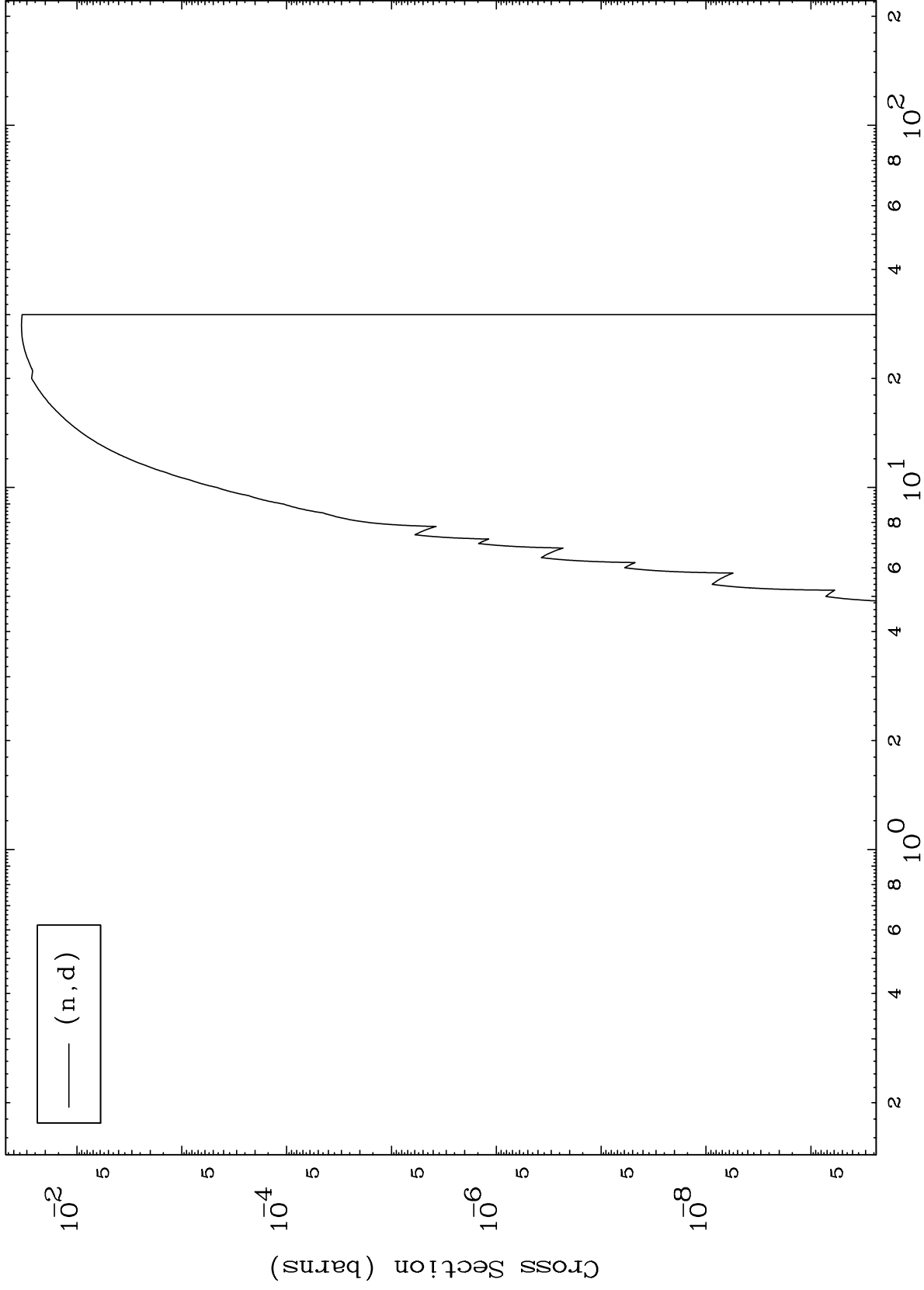
84-Po-195



MAT 8392

(n,d) Levels
293 Kelvin Cross Sections

84-Po-195



13

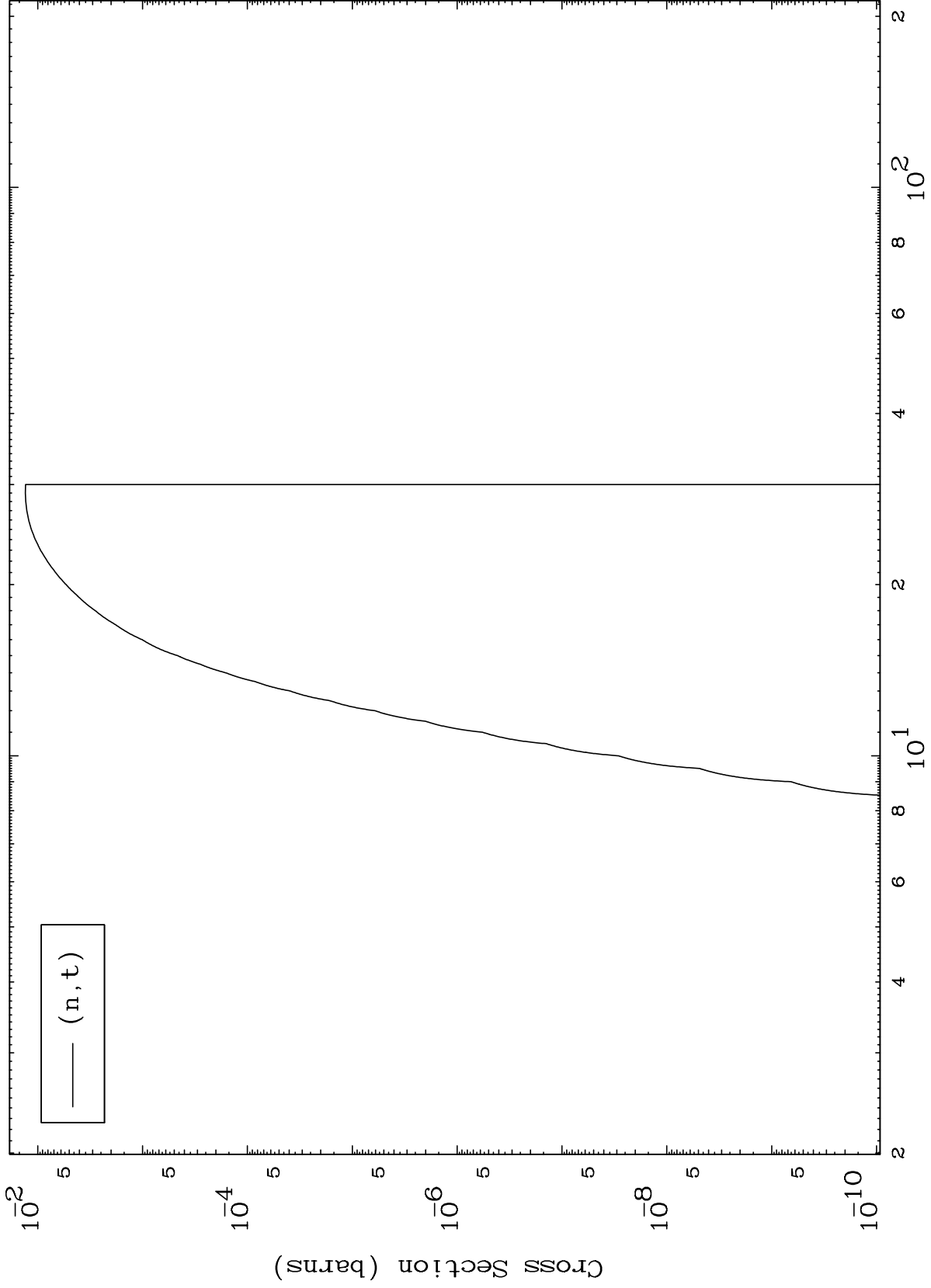
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,t) Levels
293 Kelvin Cross Sections

84-Po-195



14

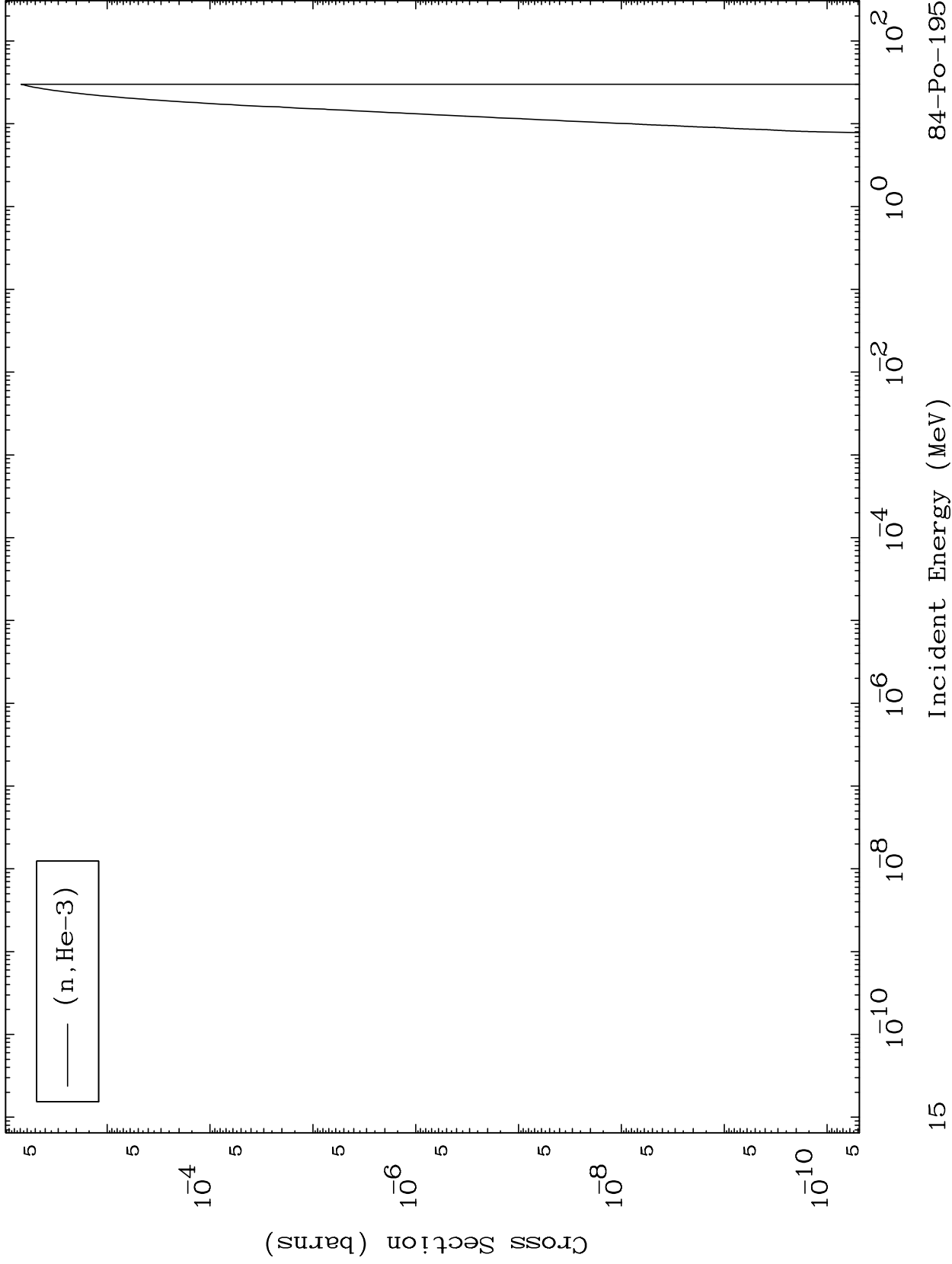
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,He3) Levels
293 Kelvin Cross Sections

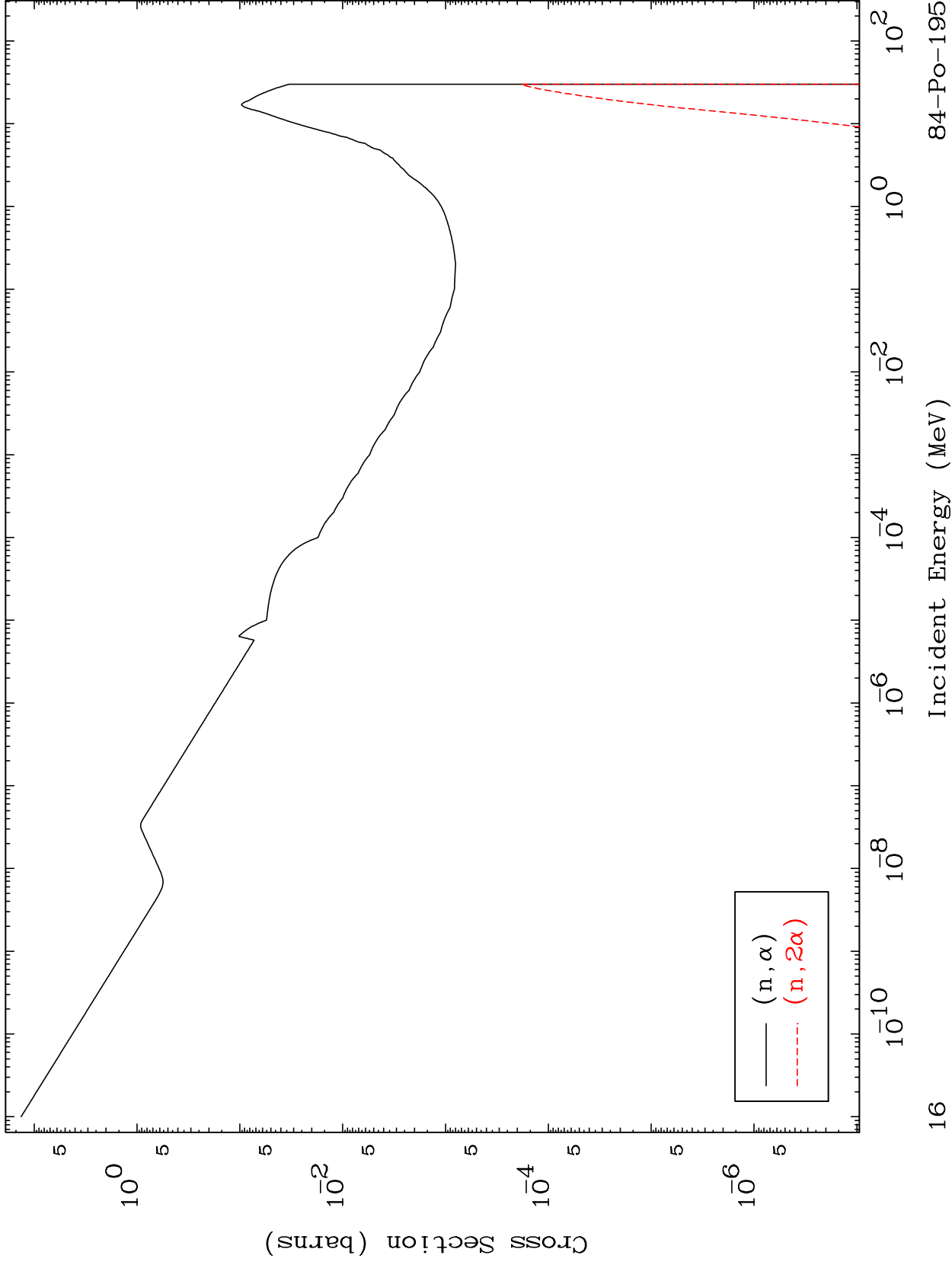
84-Po-195



MAT 8392

(n,α) Levels
293 Kelvin Cross Sections

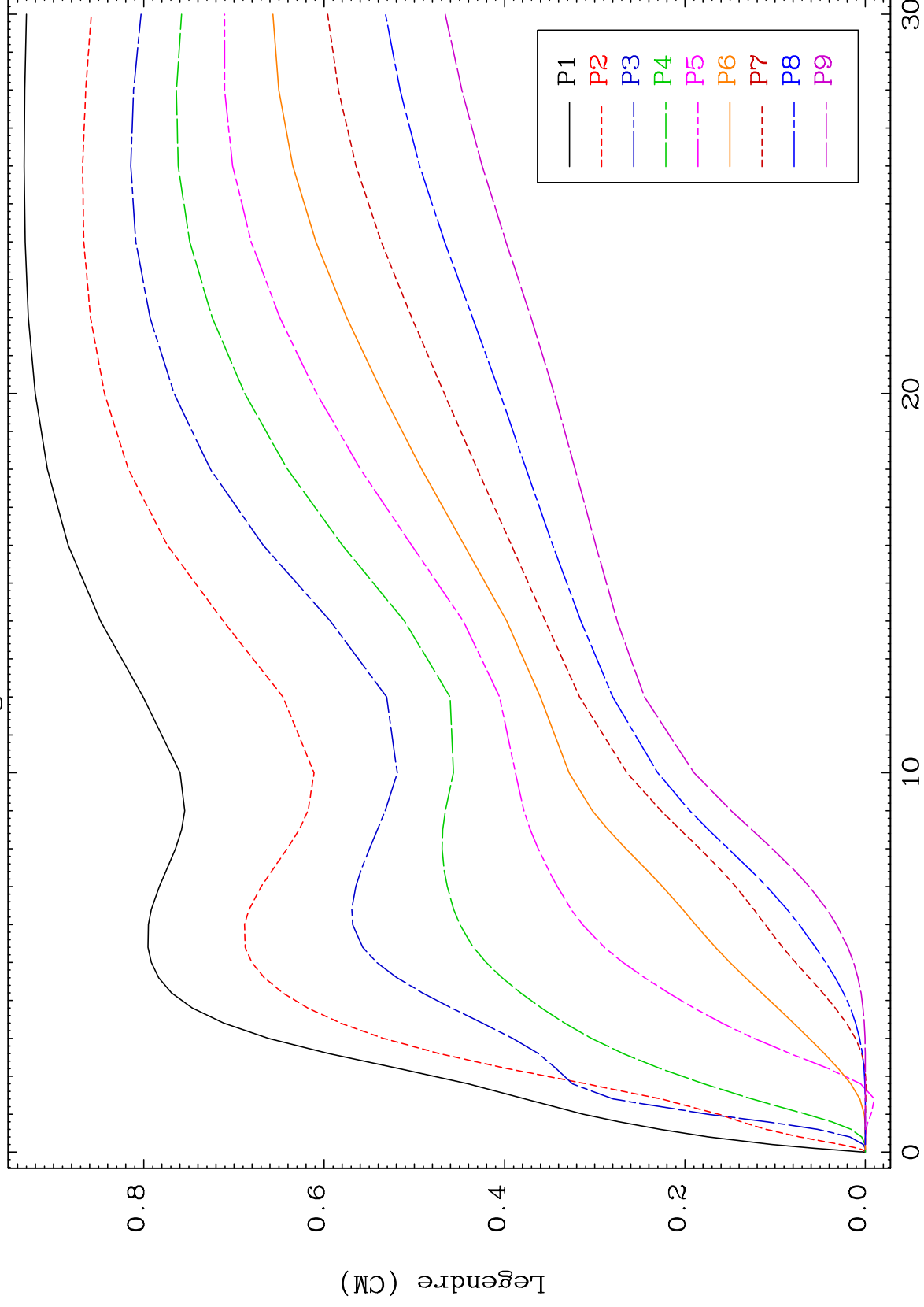
84-Po-195



MAT 8392

Elastic Legendre Coefficients

84-Po-195



17

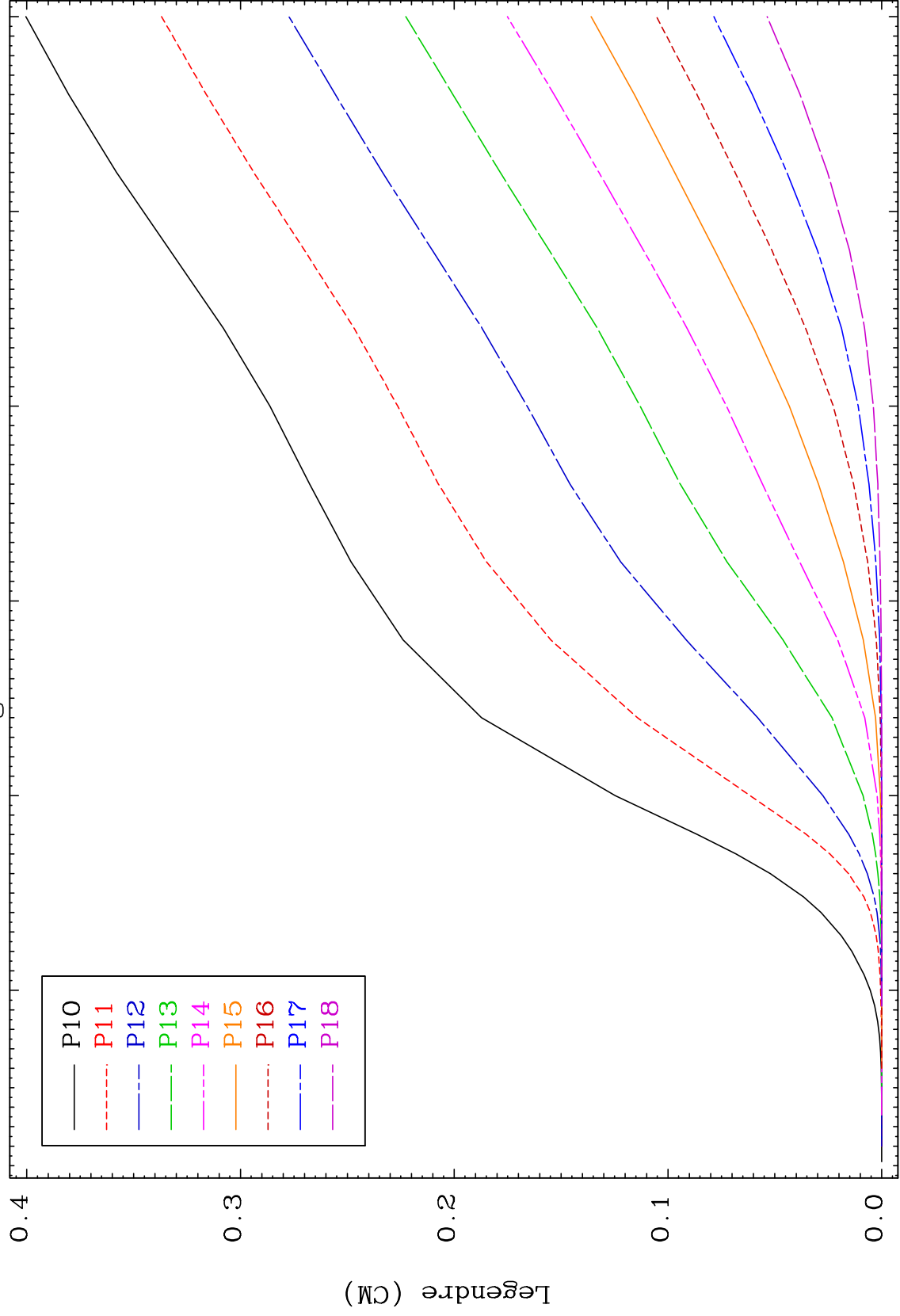
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



18

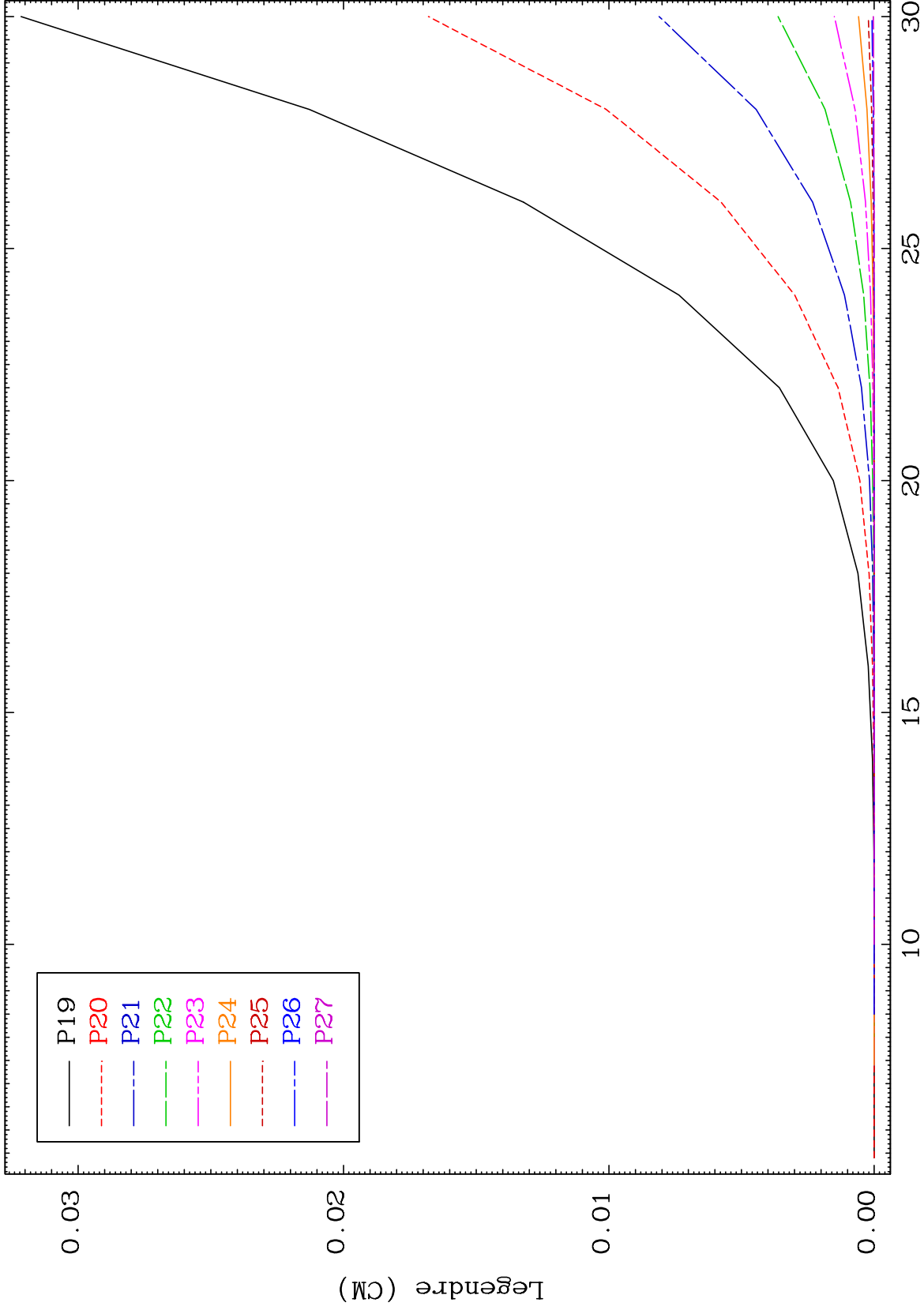
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic Legendre Coefficients

84-Po-195



19

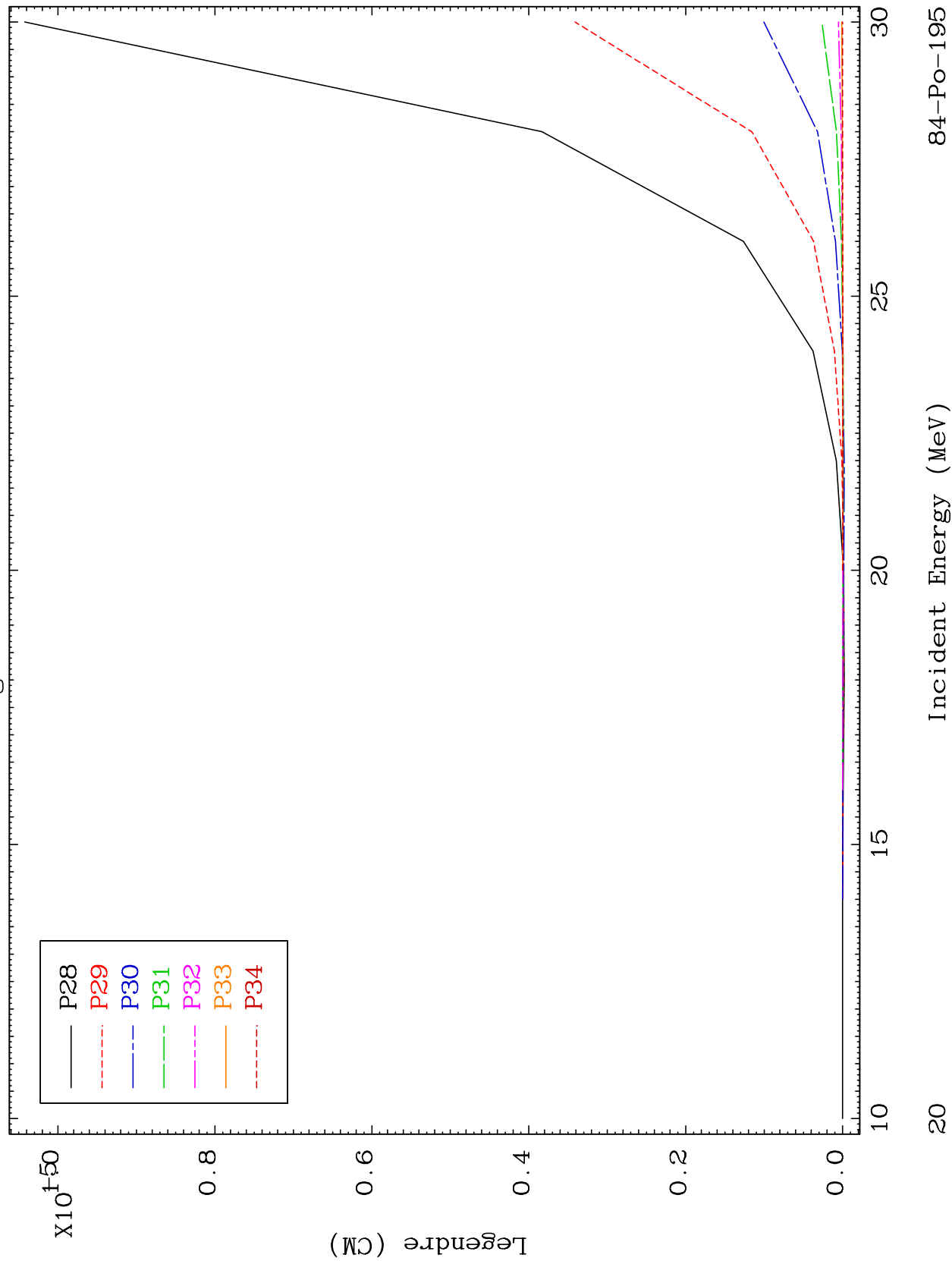
Incident Energy (MeV)

84-Po-195

MAT 8392

Elastic
Legendre Coefficients

84-Po-195



84-Po-195

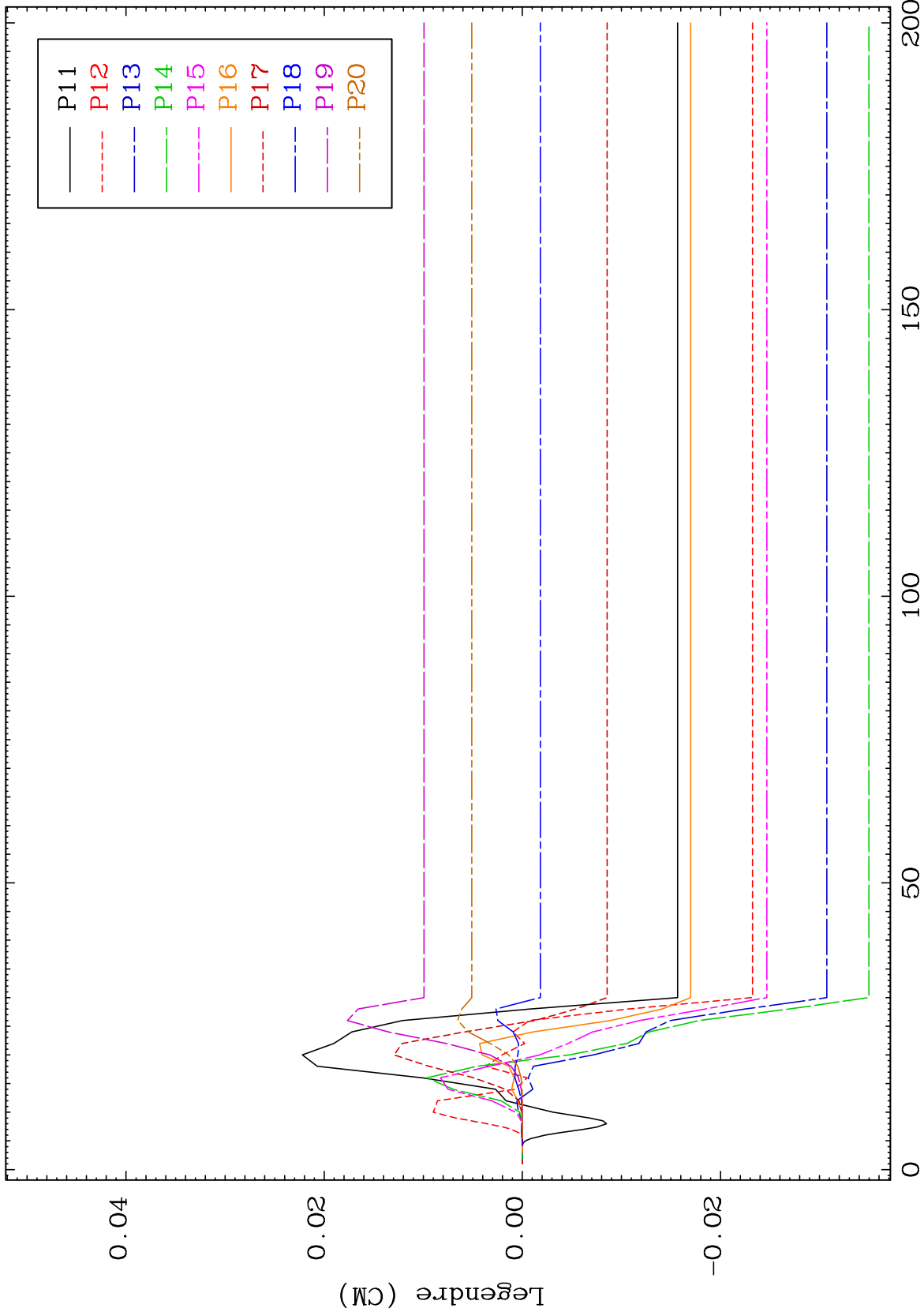
Incident Energy (MeV)

20

MAT 8392

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

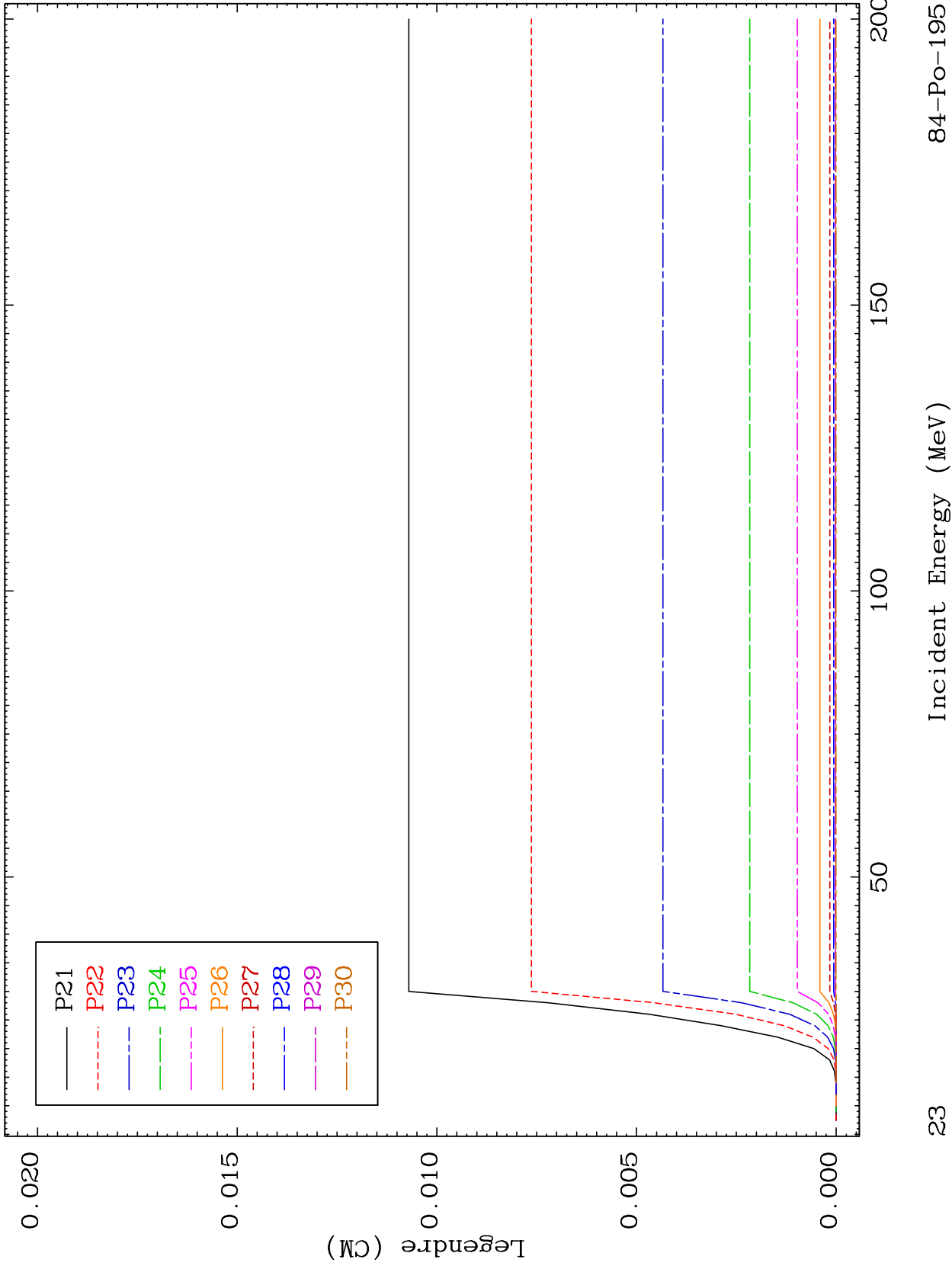
84-Po-195



MAT 8392

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

84-Po-195



23

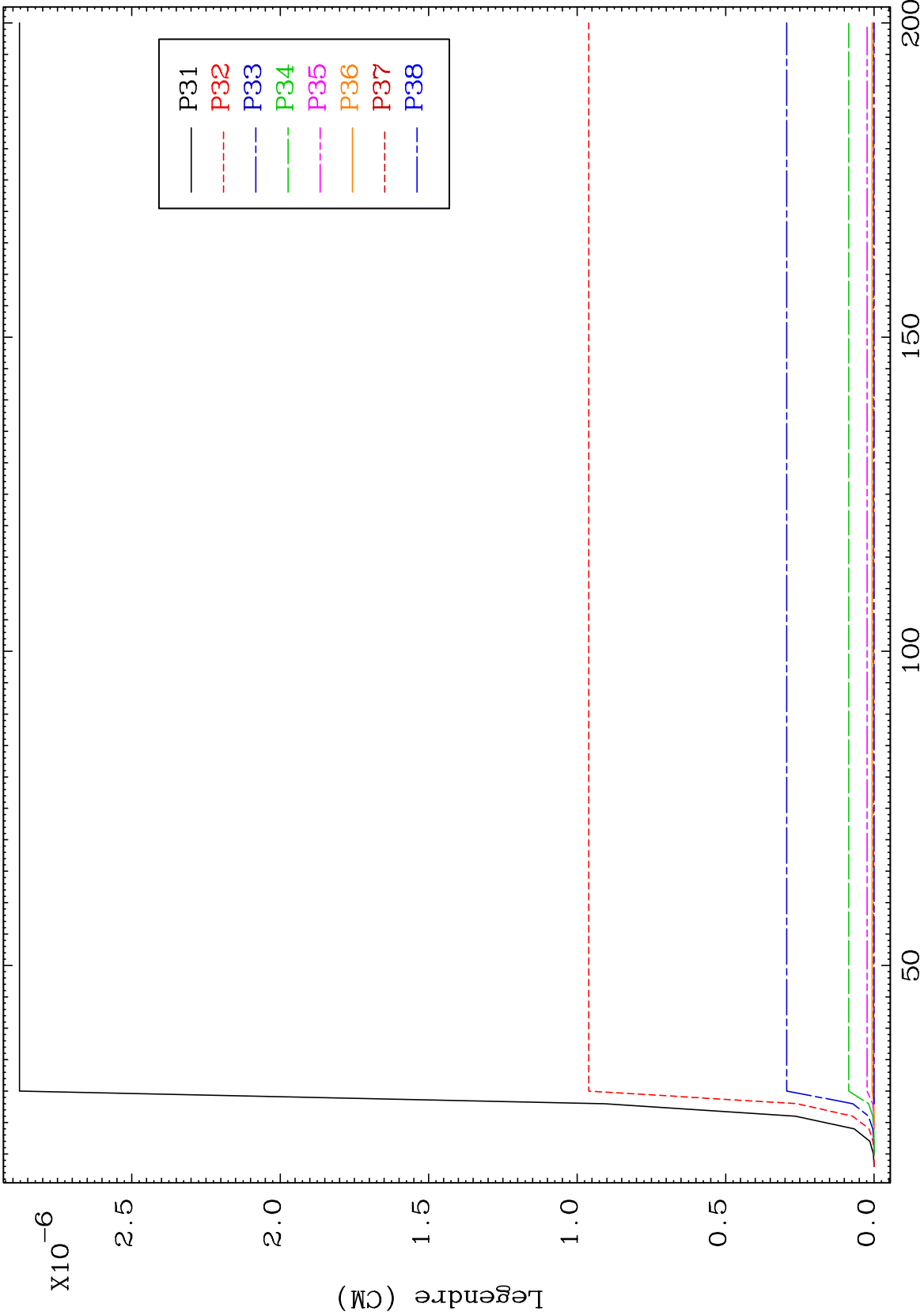
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



24

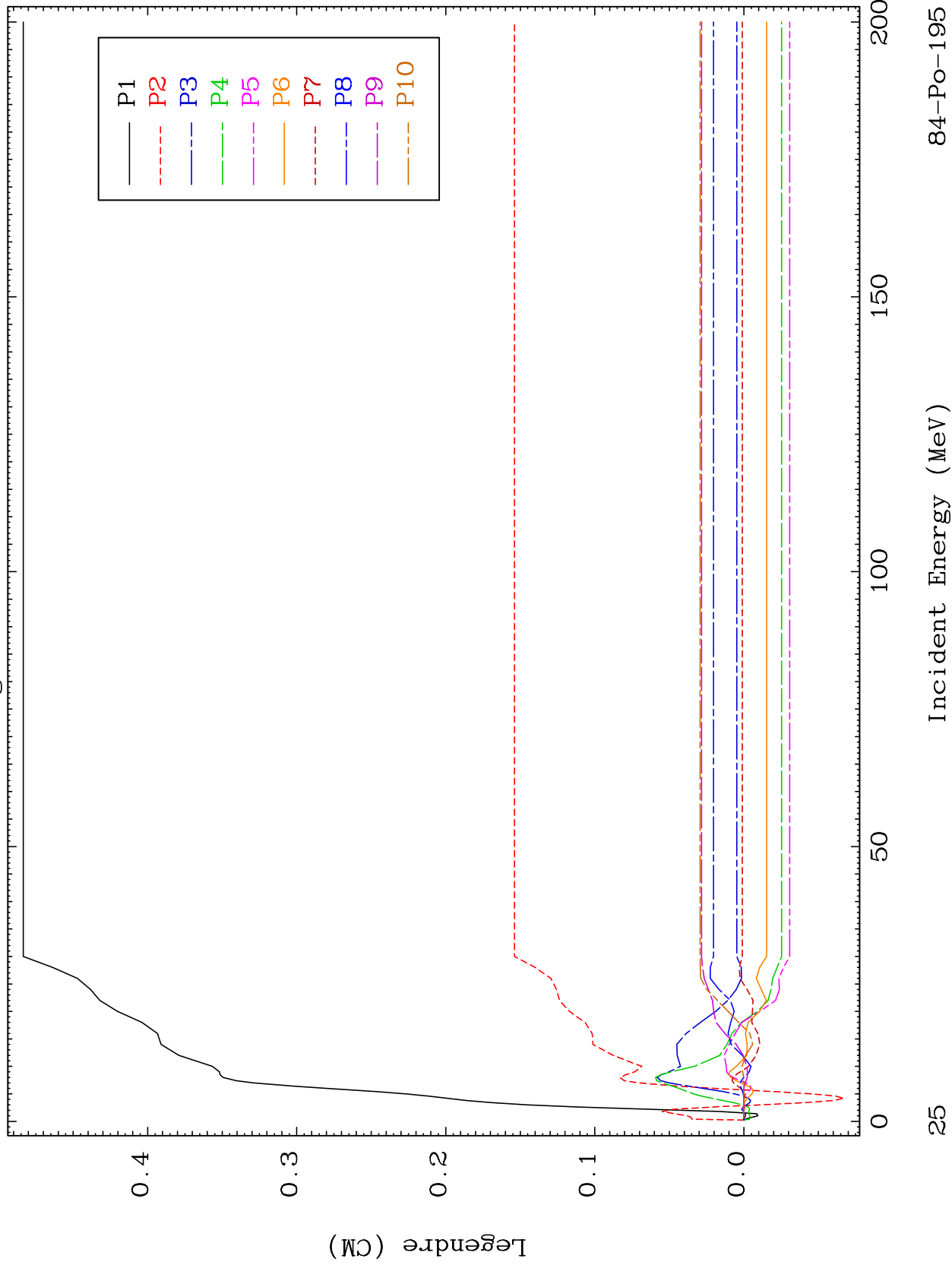
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

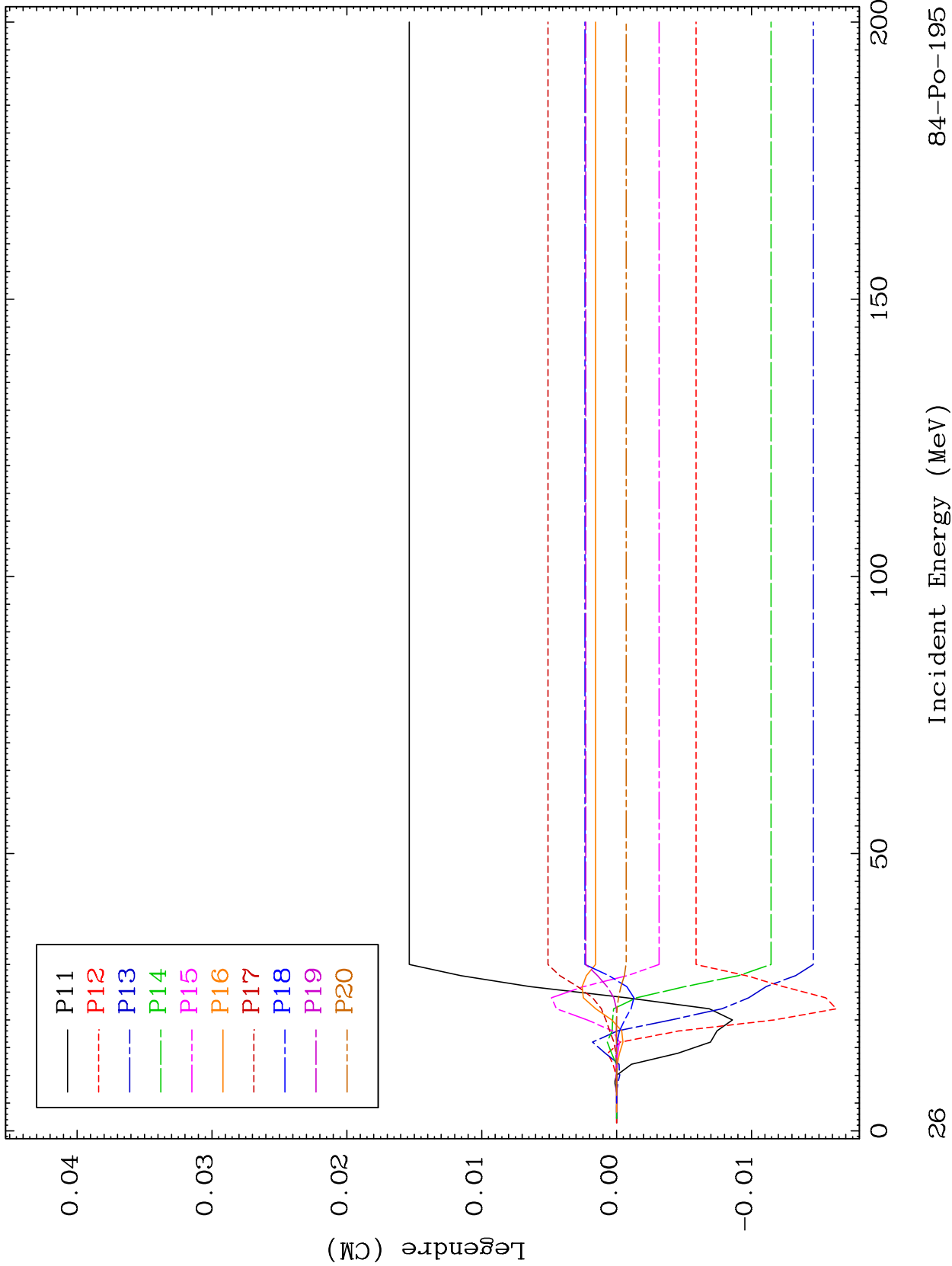
Incident Energy (MeV)

25

MAT 8392

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

84-Po-195



26

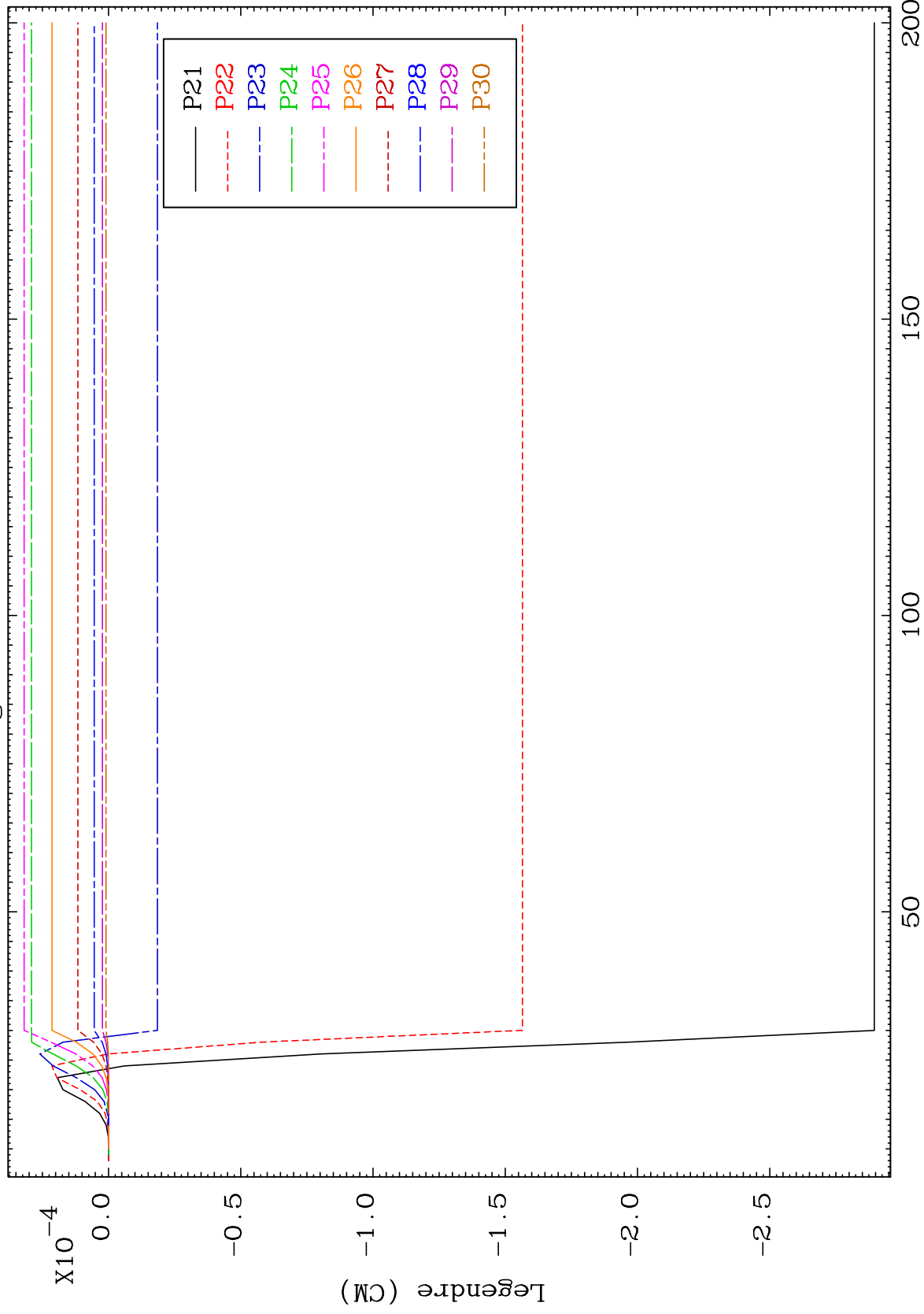
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



27

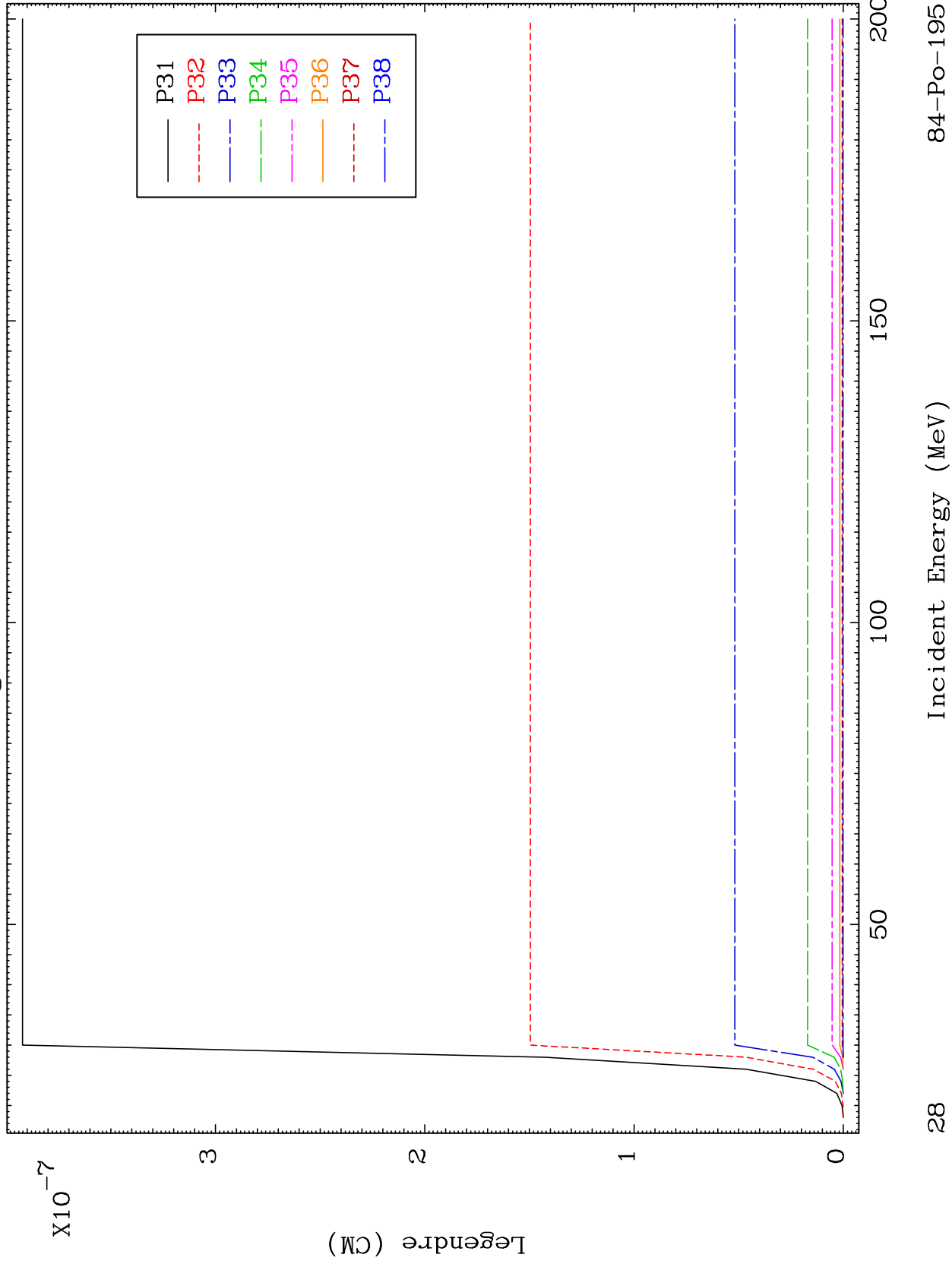
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



28

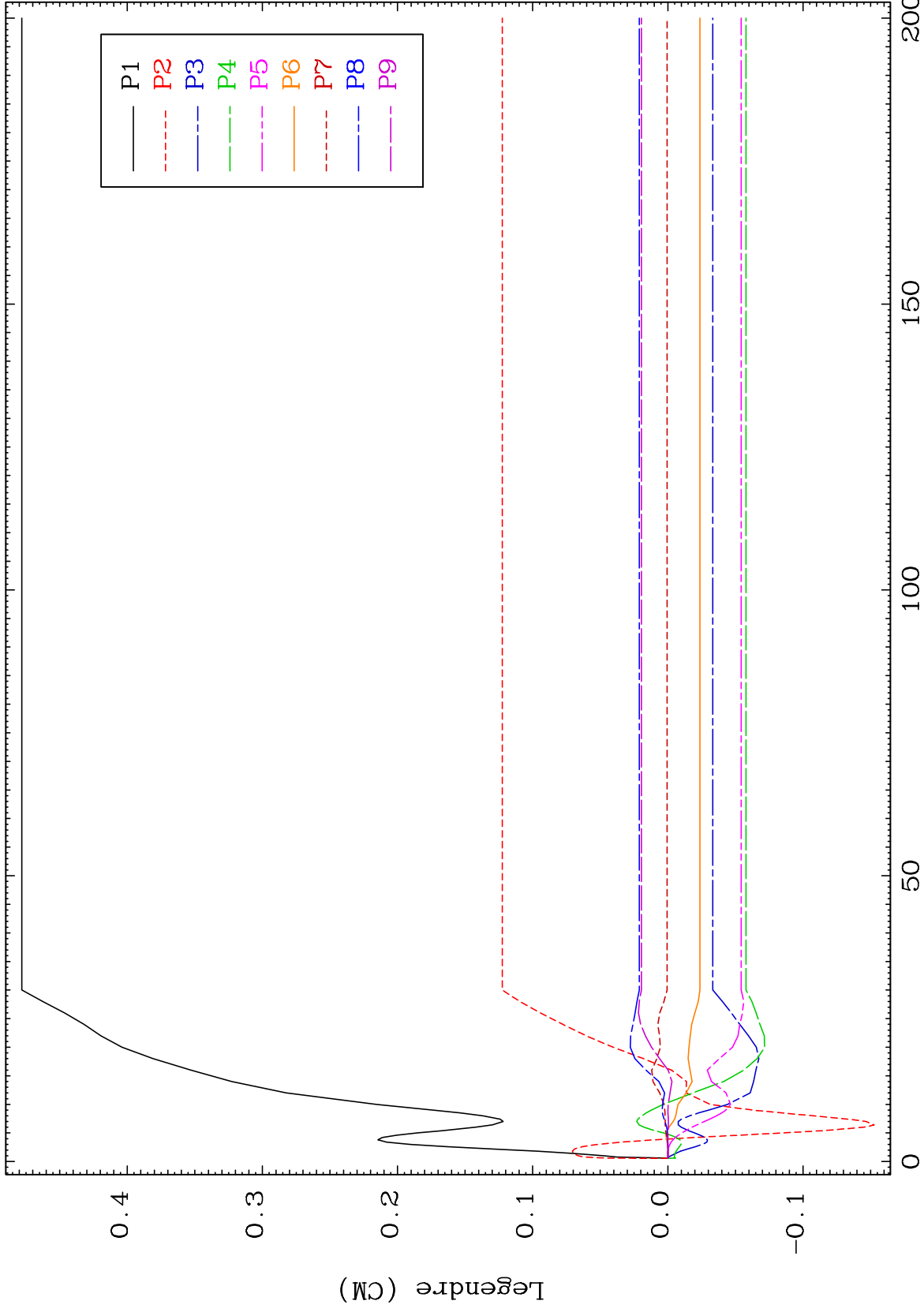
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



29

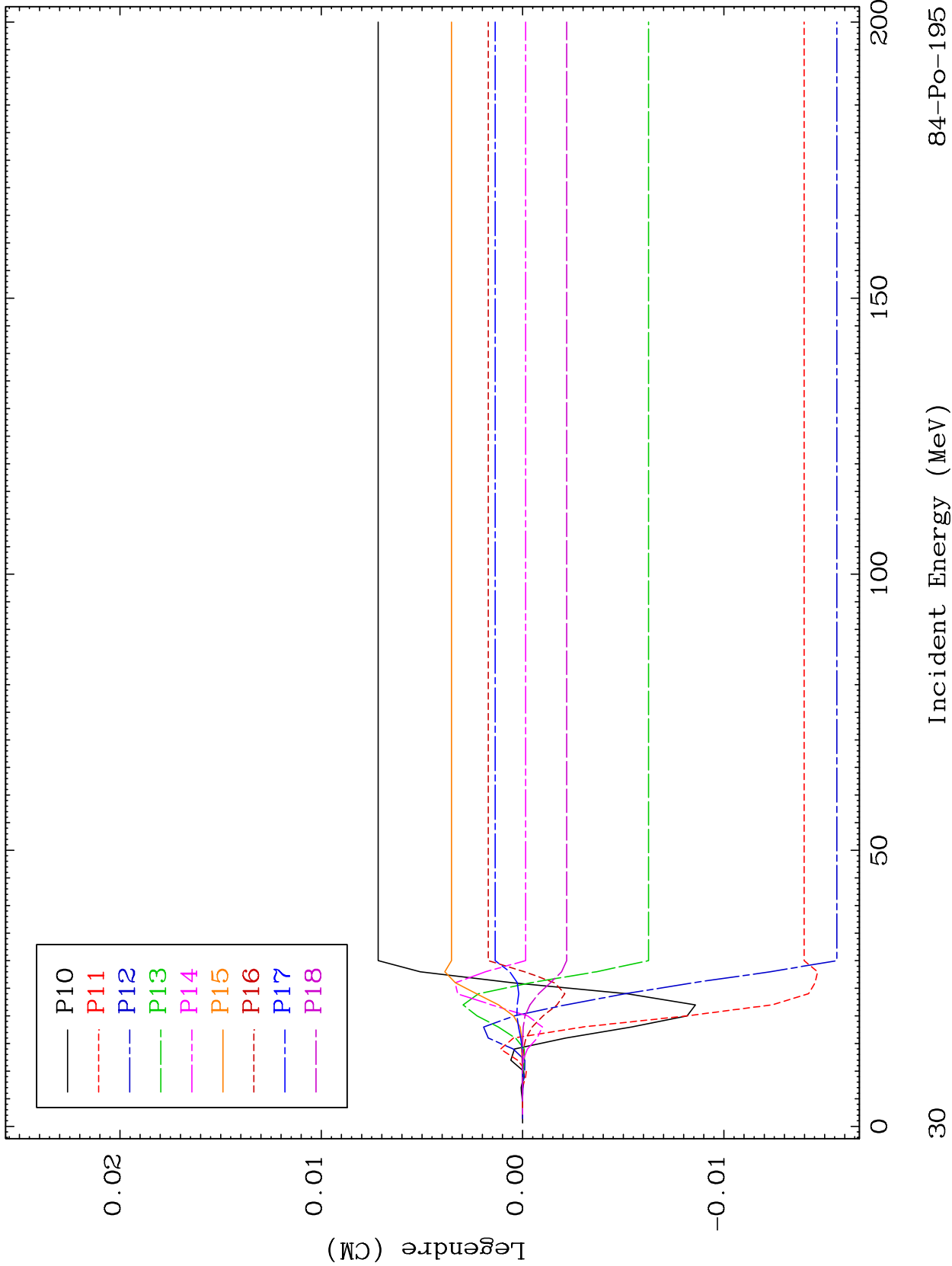
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

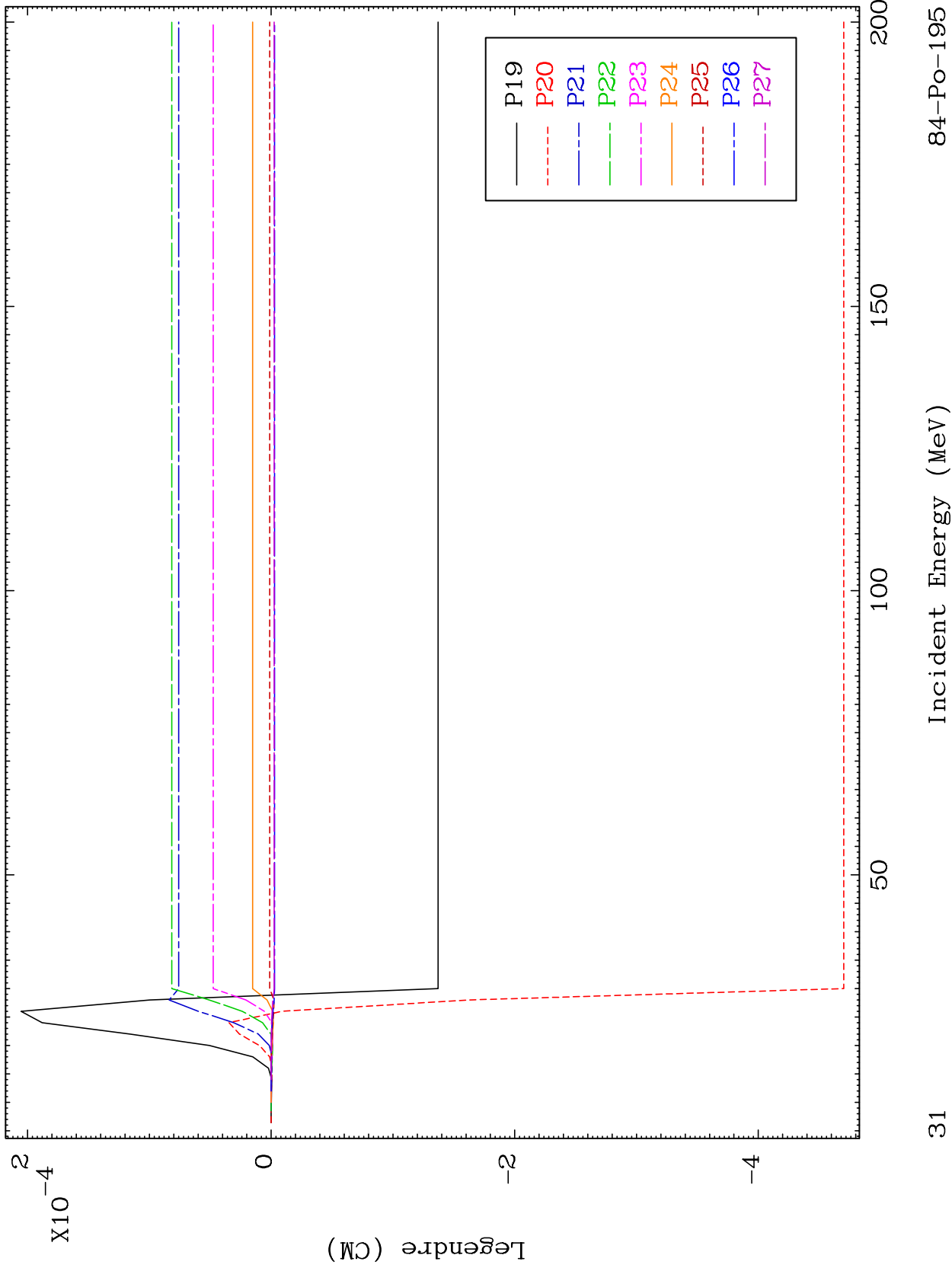
Incident Energy (MeV)

30

MAT 8392

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

84-Po-195



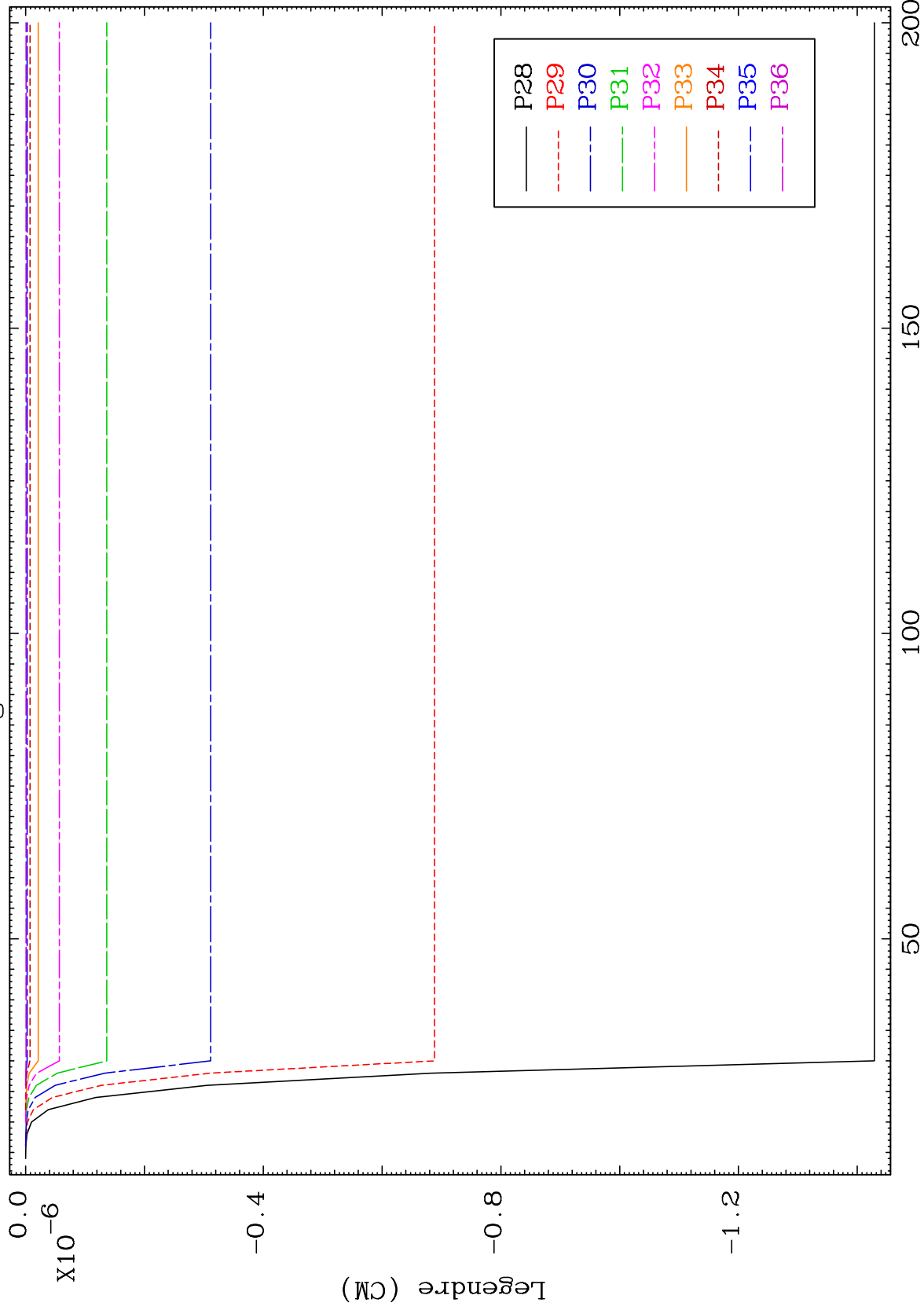
31

84-Po-195

MAT 8392

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

84-Po-195



32

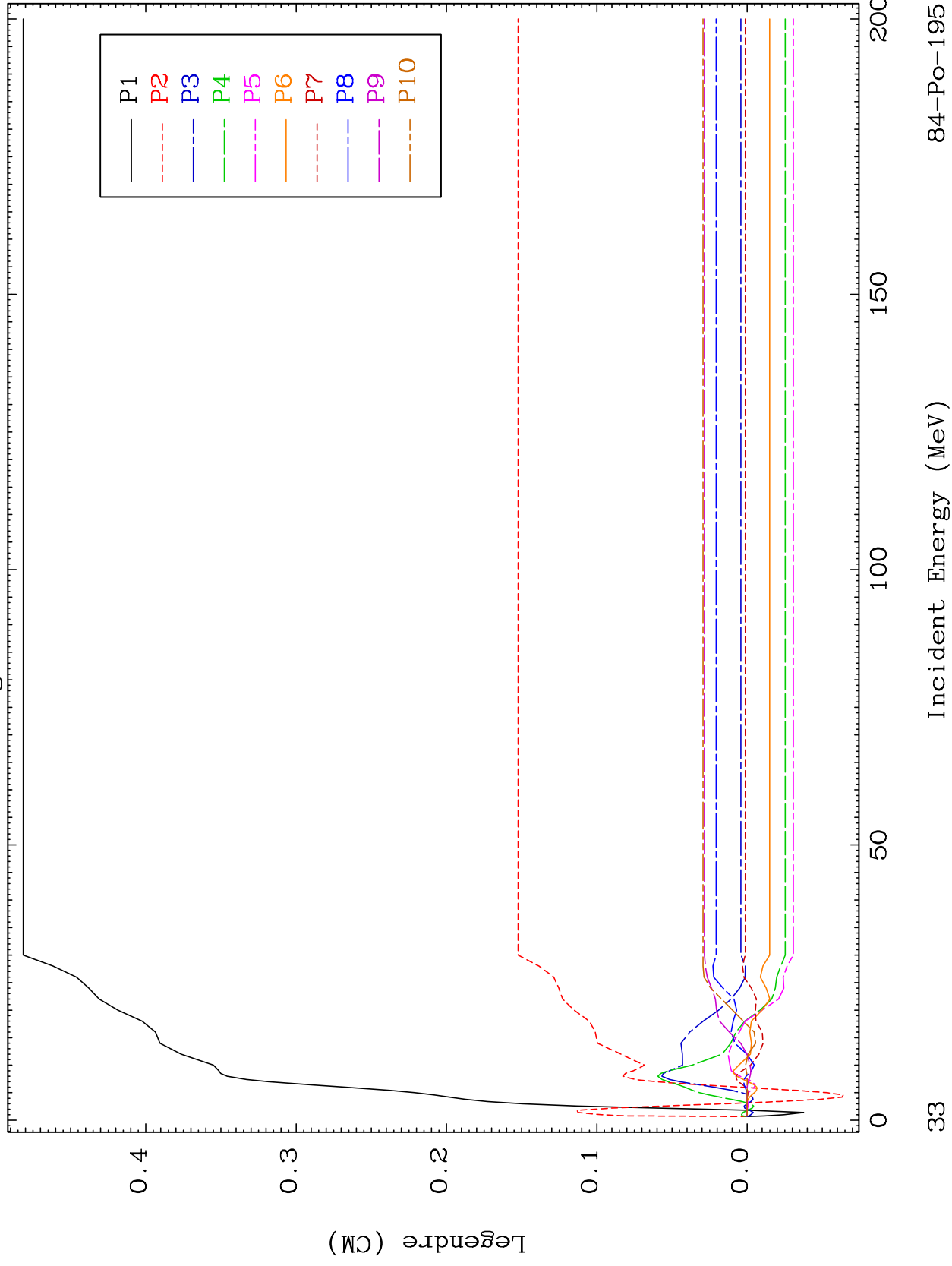
Incident Energy (MeV)

84-Po-195

MAT 8392

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

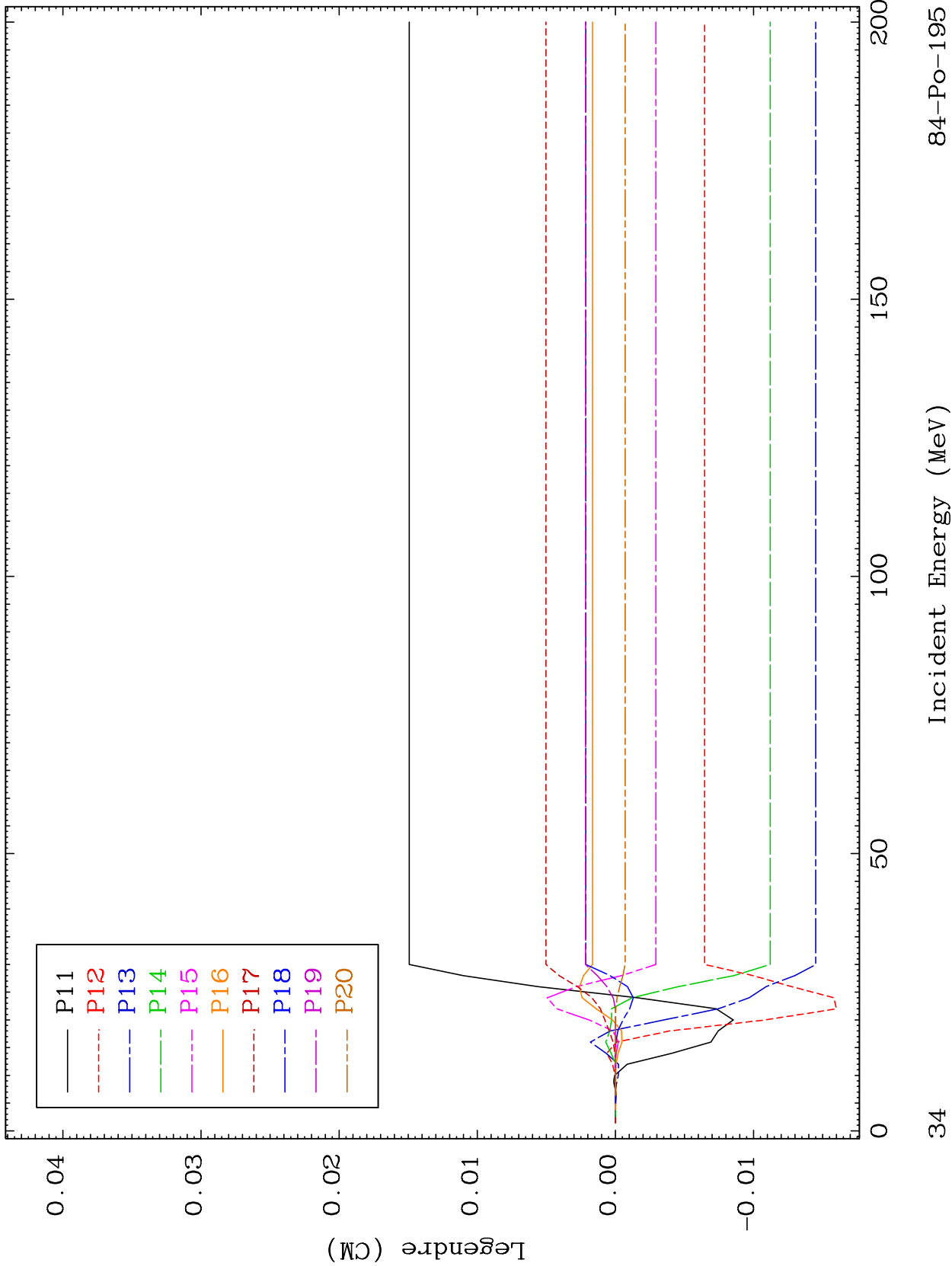
84-Po-195



MAT 8392

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

84-Po-195



34

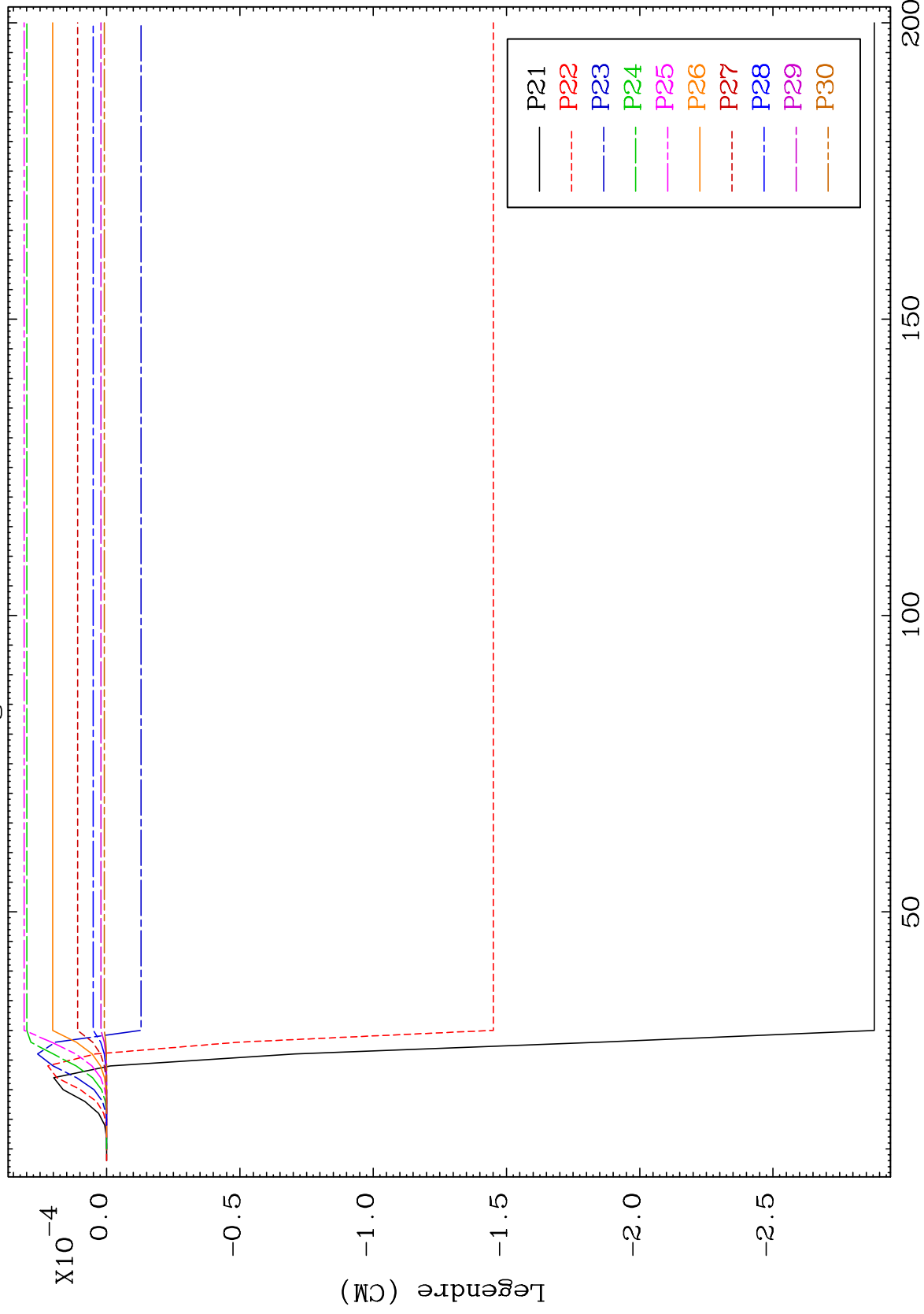
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



35

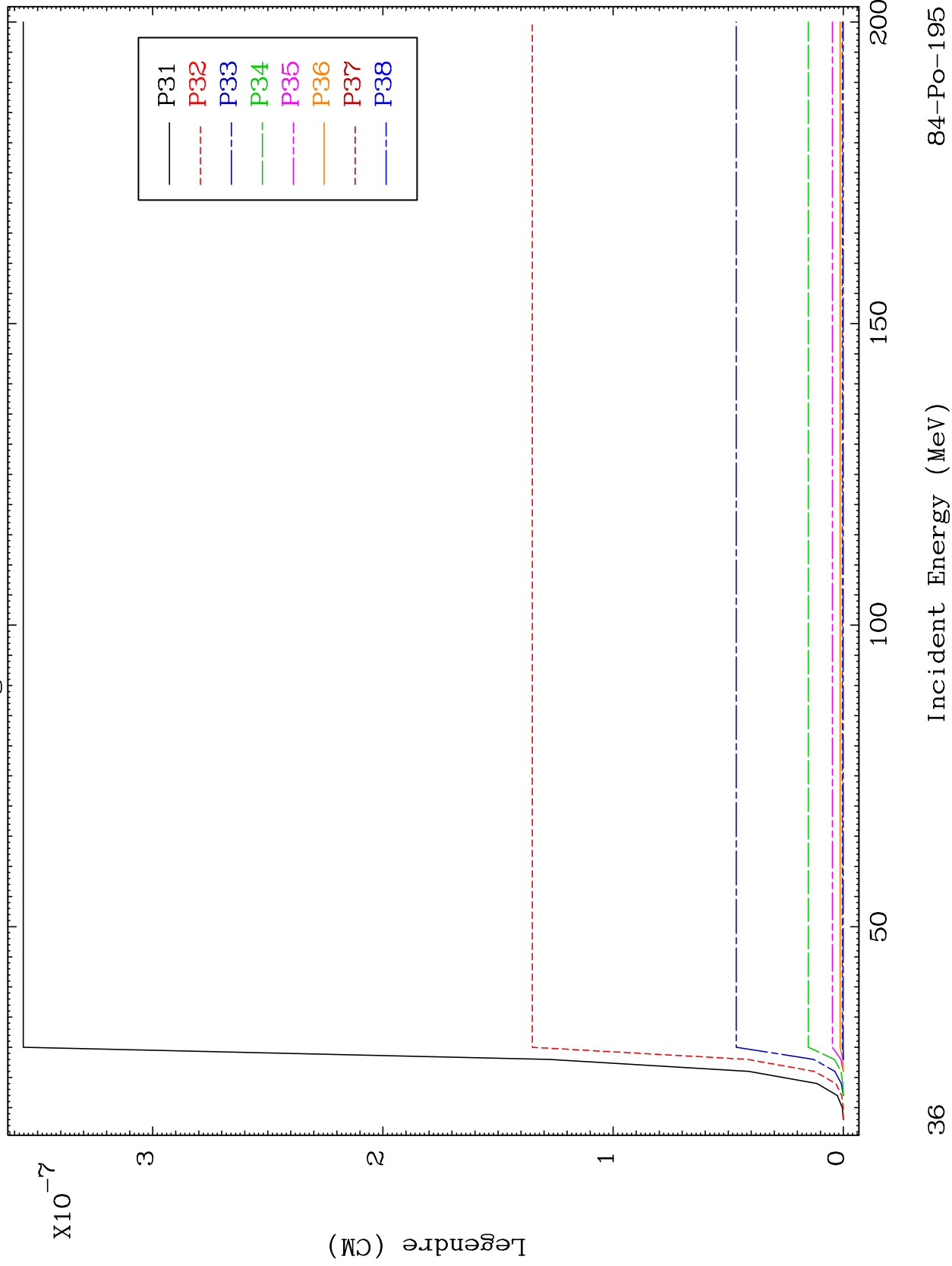
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



36

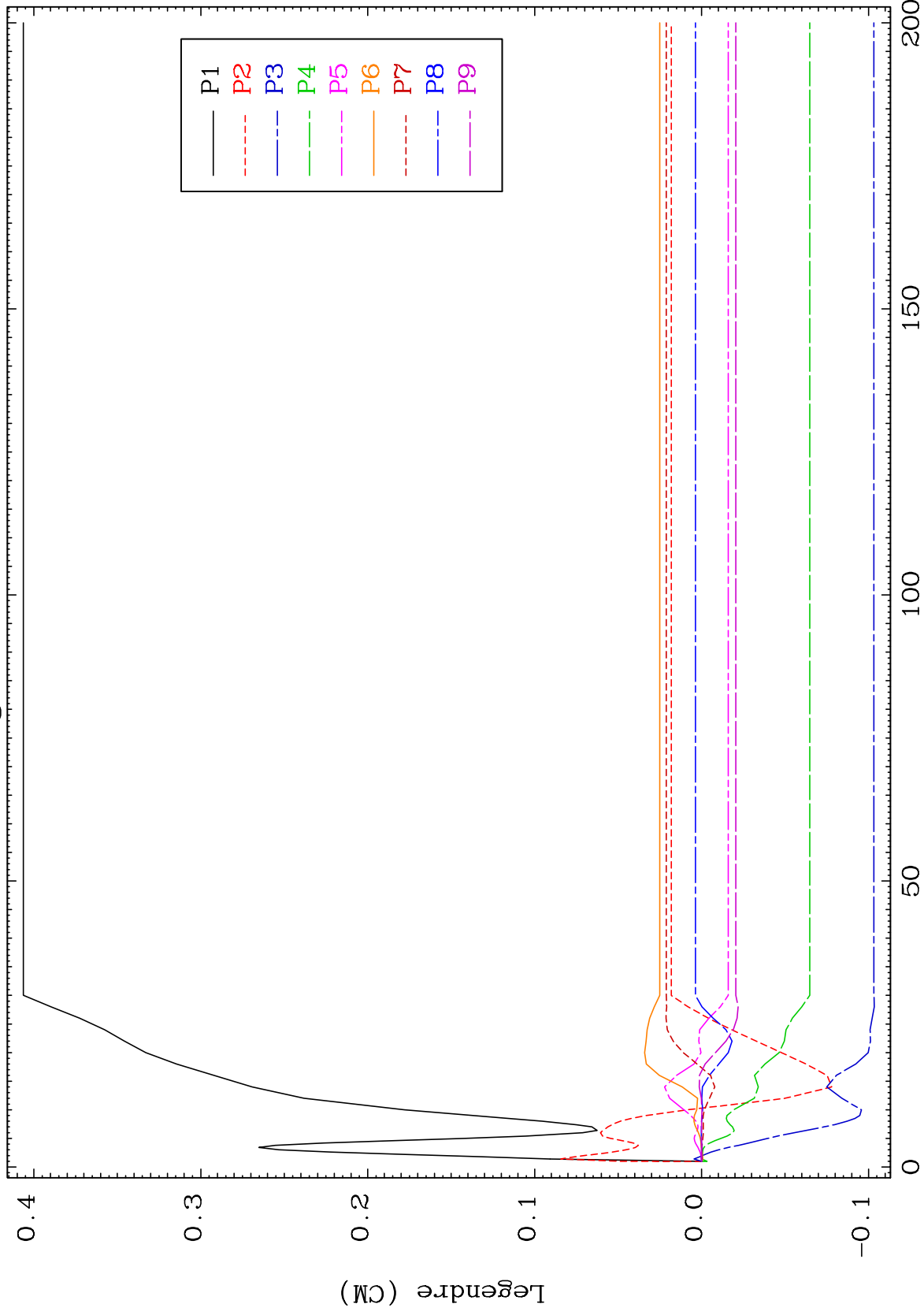
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



37

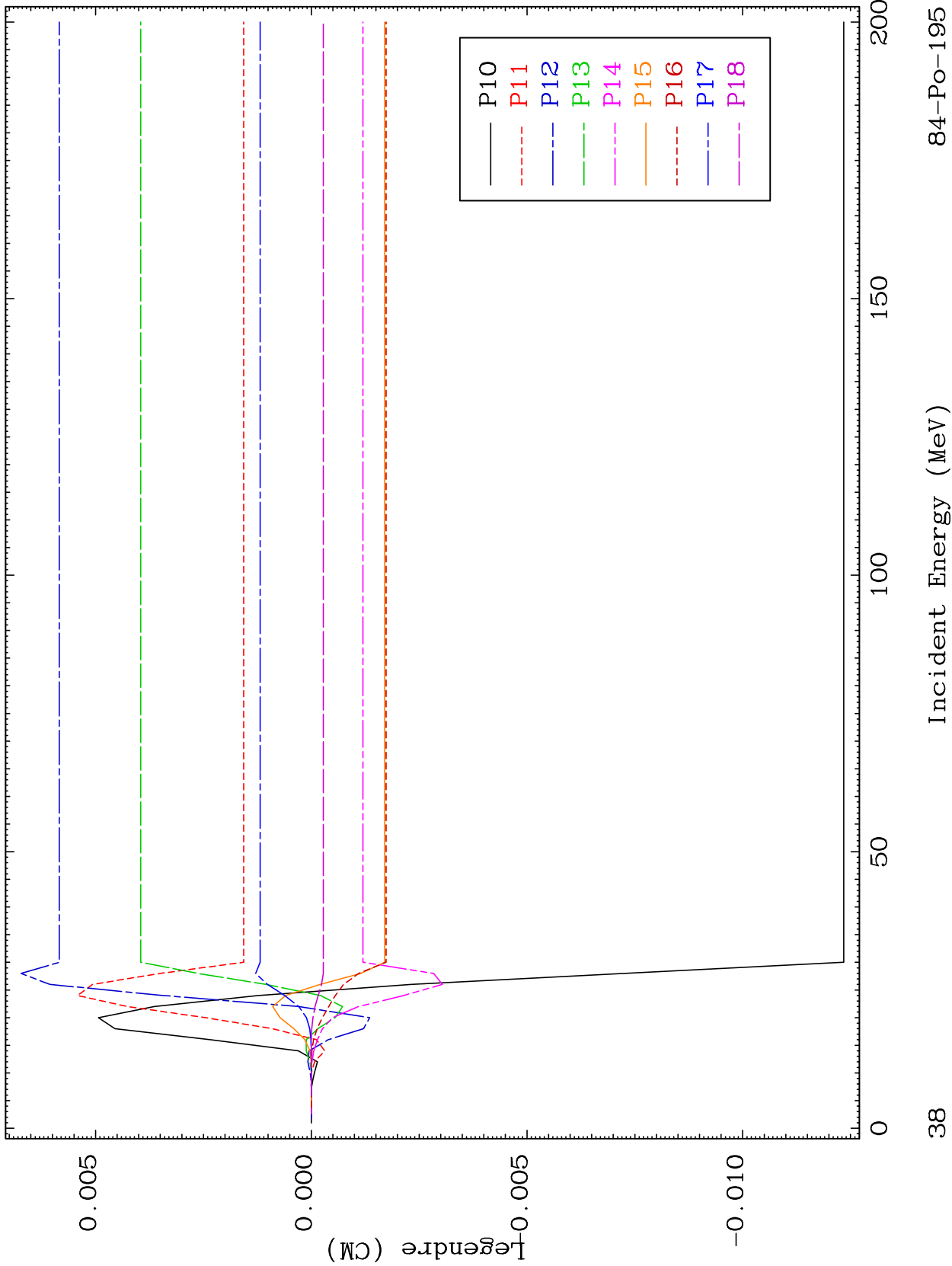
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

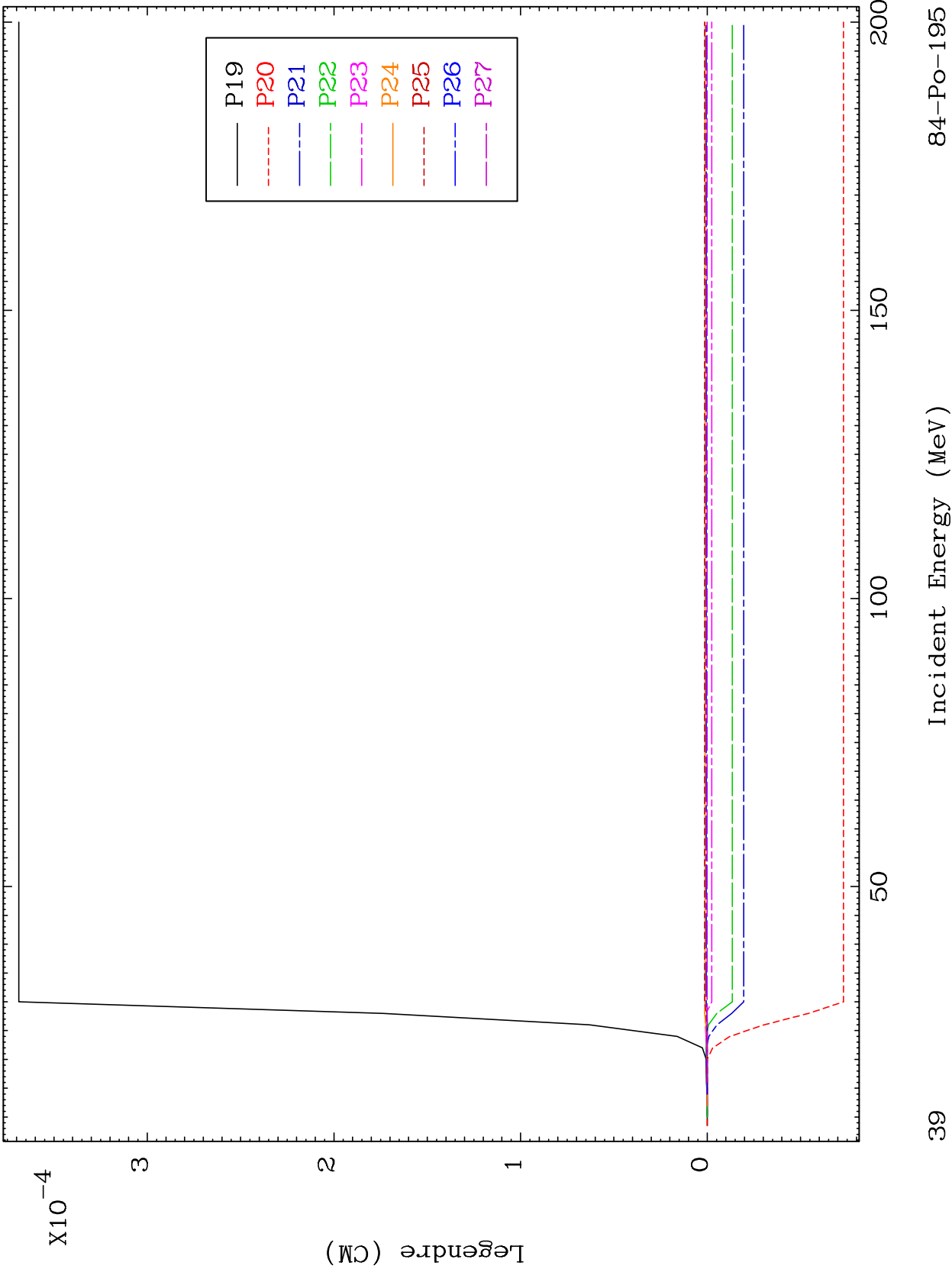
Incident Energy (MeV)

38

MAT 8392

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

84-Po-195



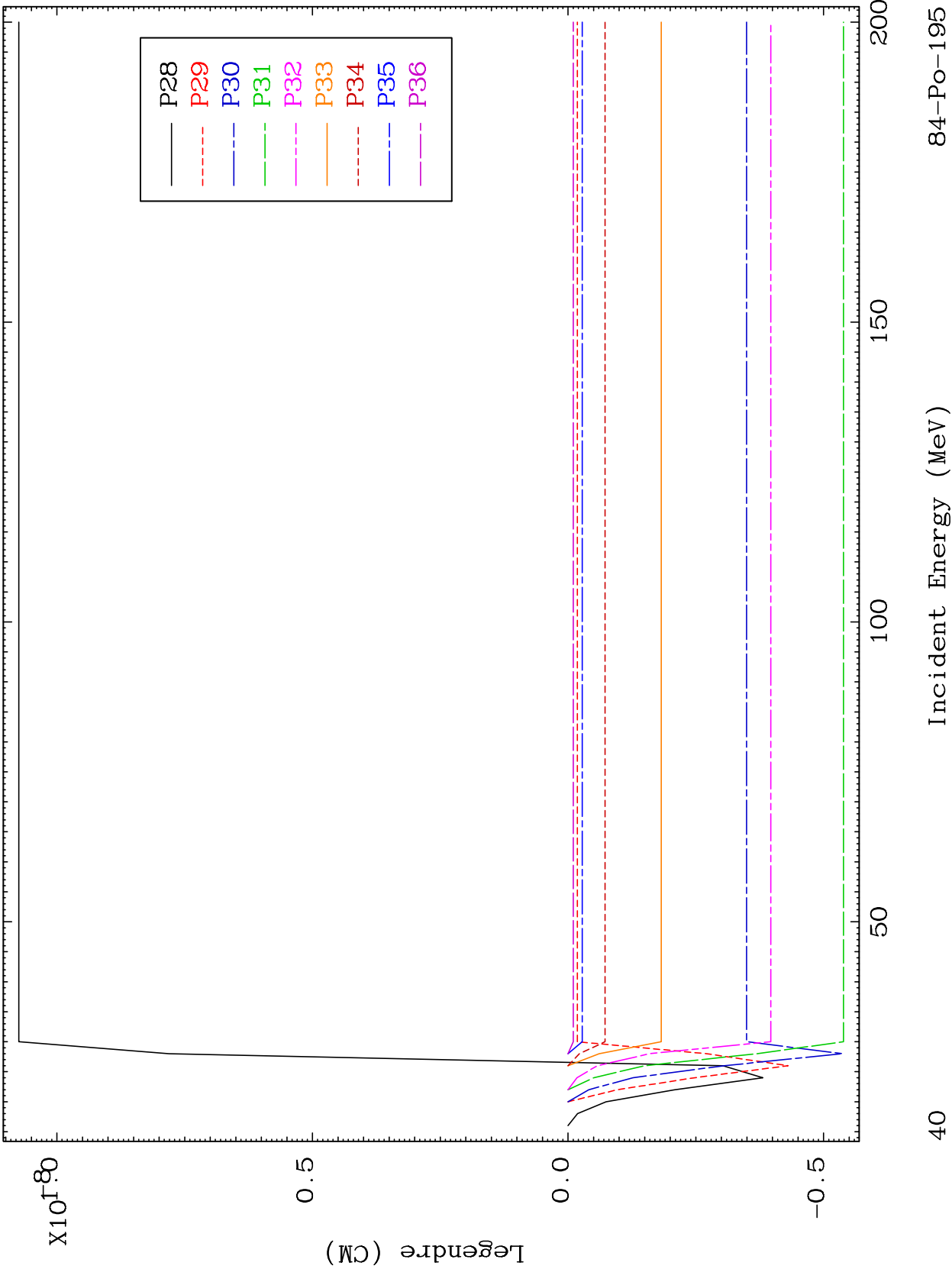
39

84-Po-195

MAT 8392

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

84-Po-195



40

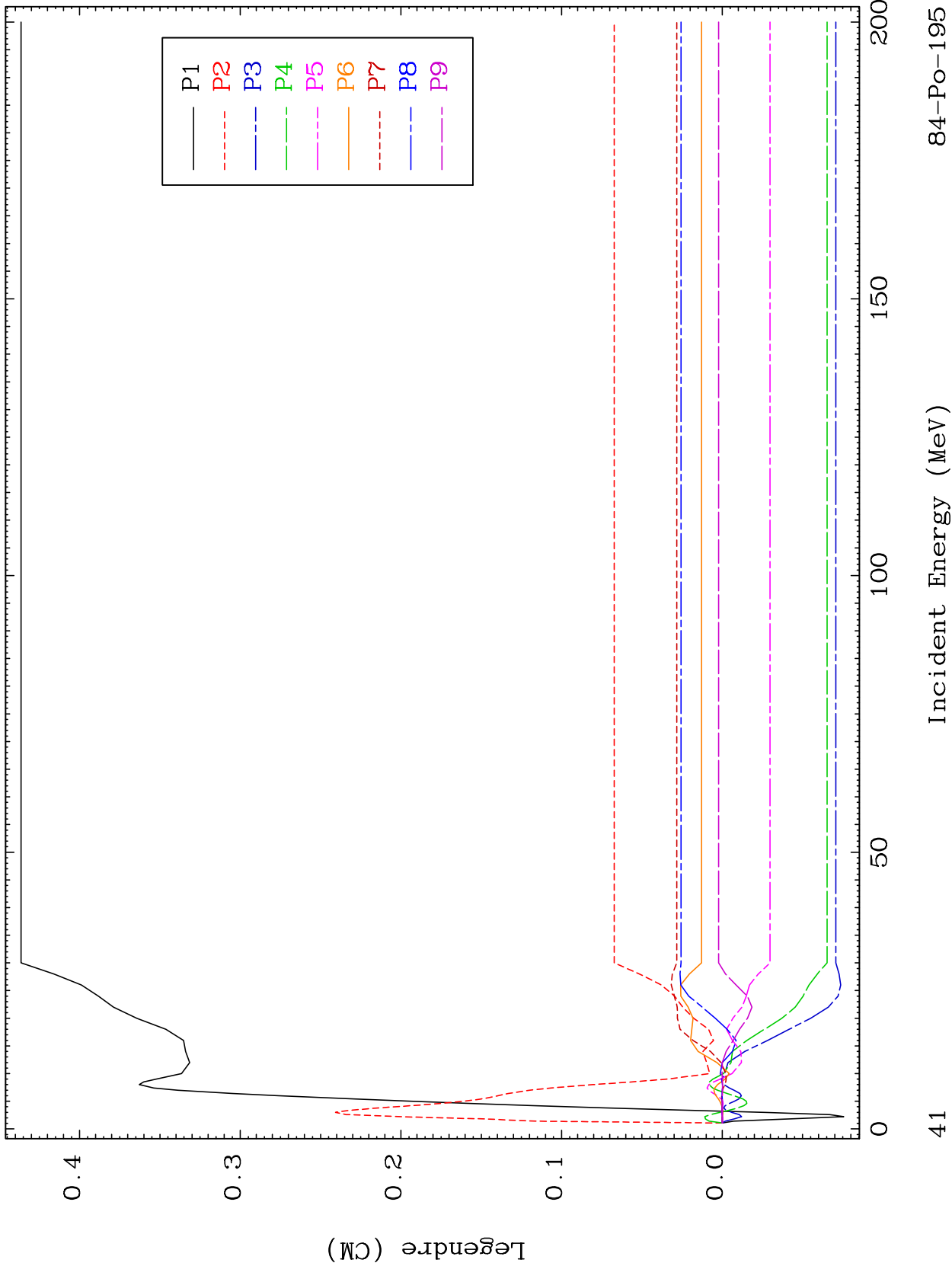
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



41

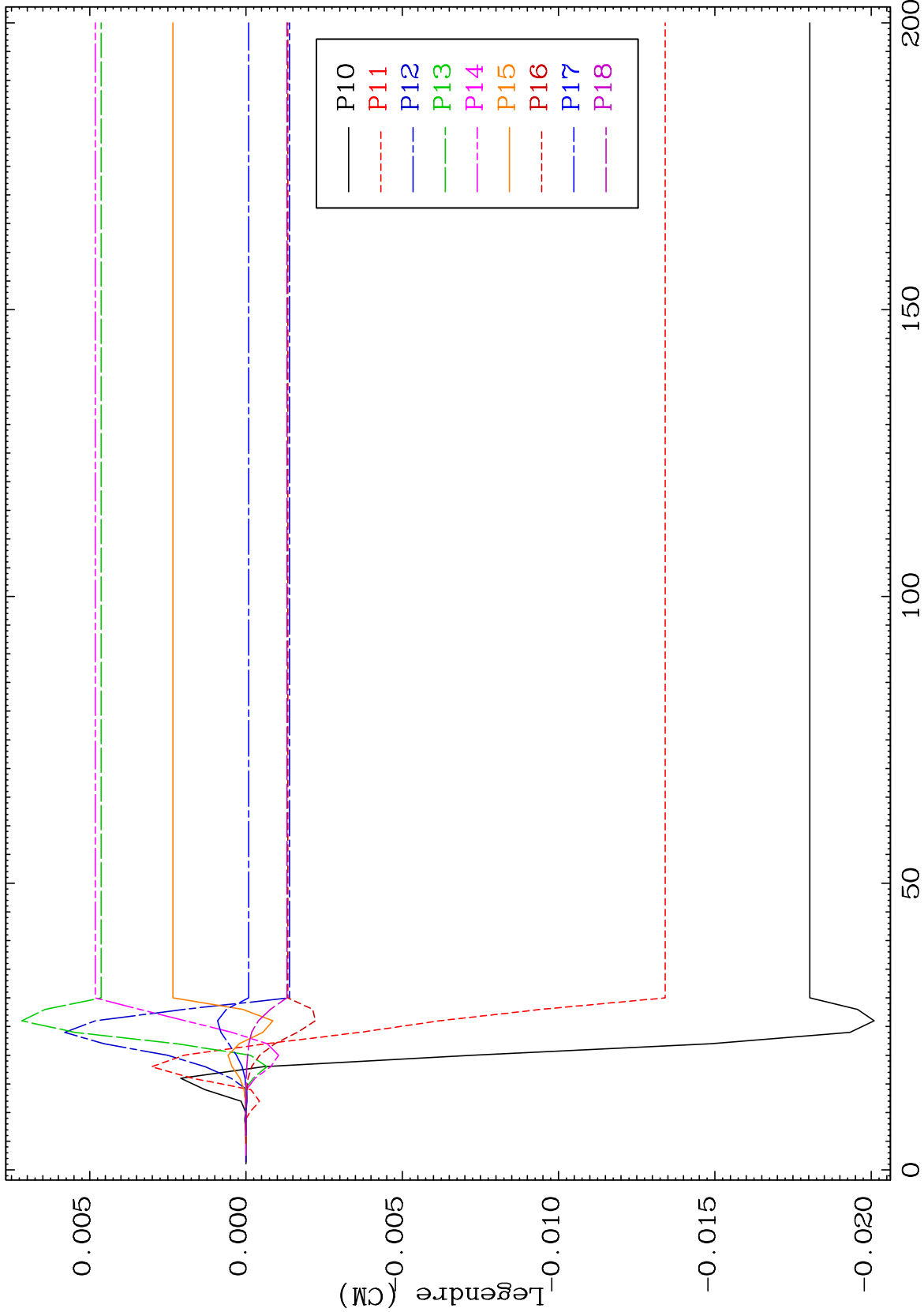
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



42

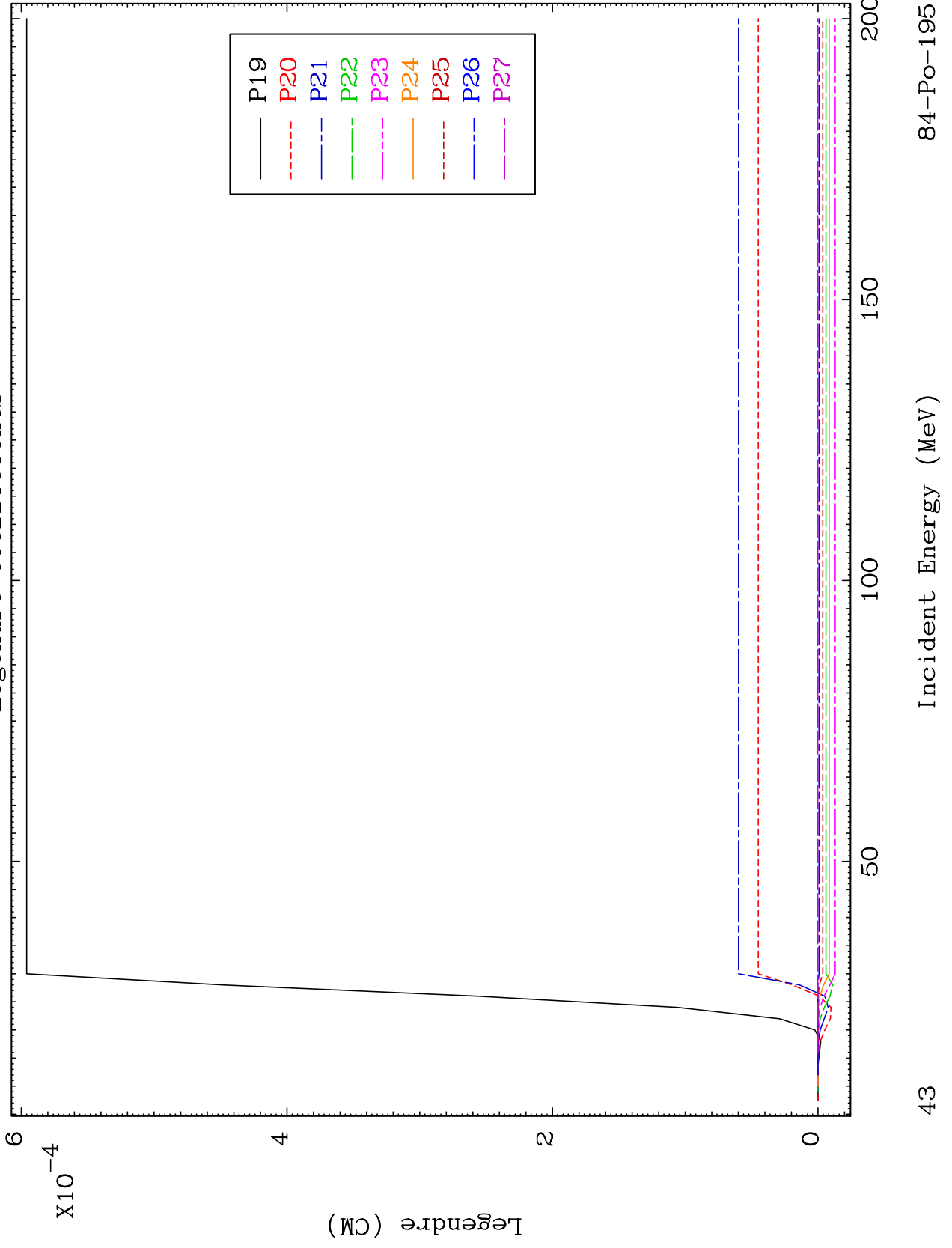
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



43

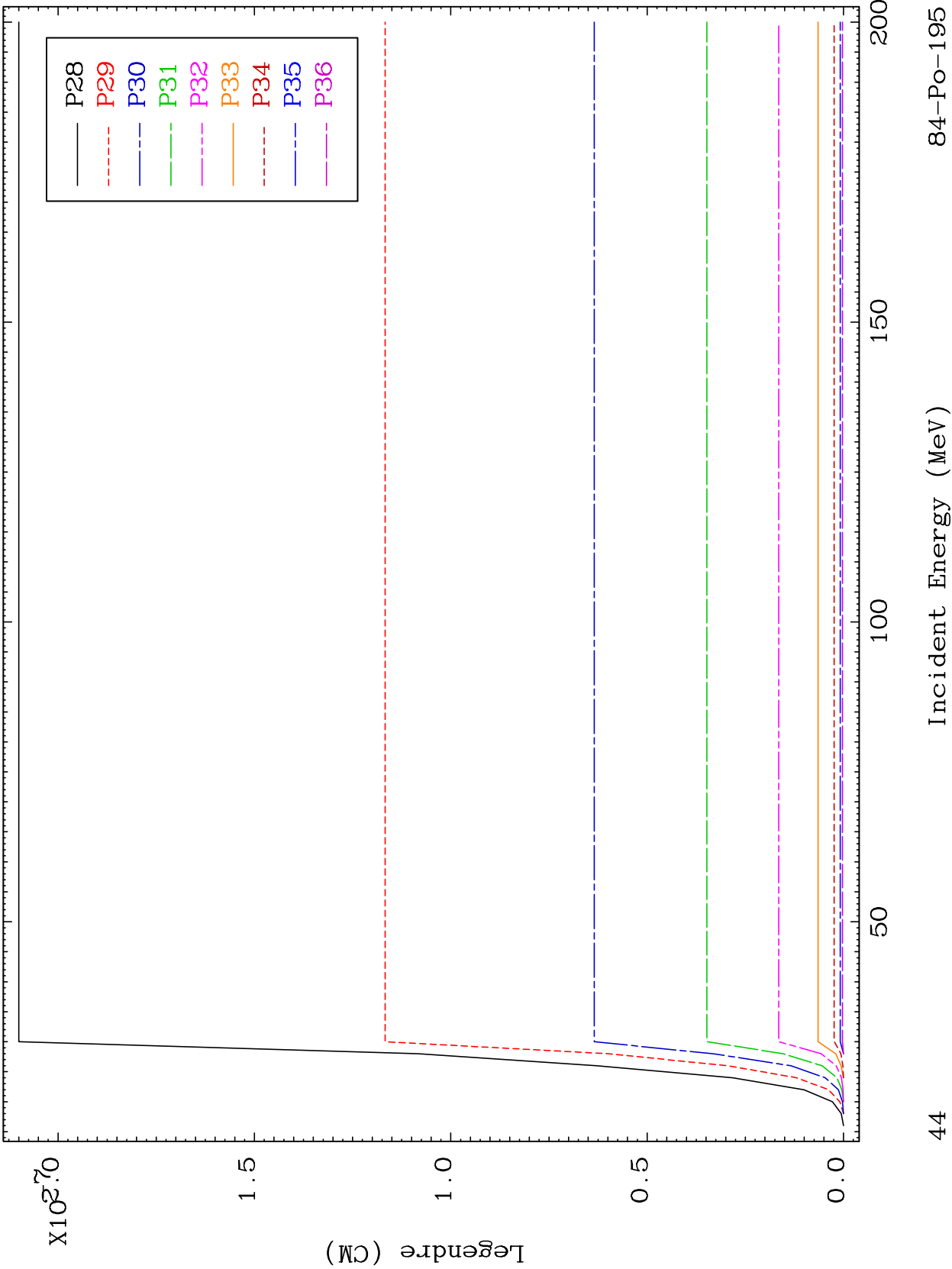
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



44

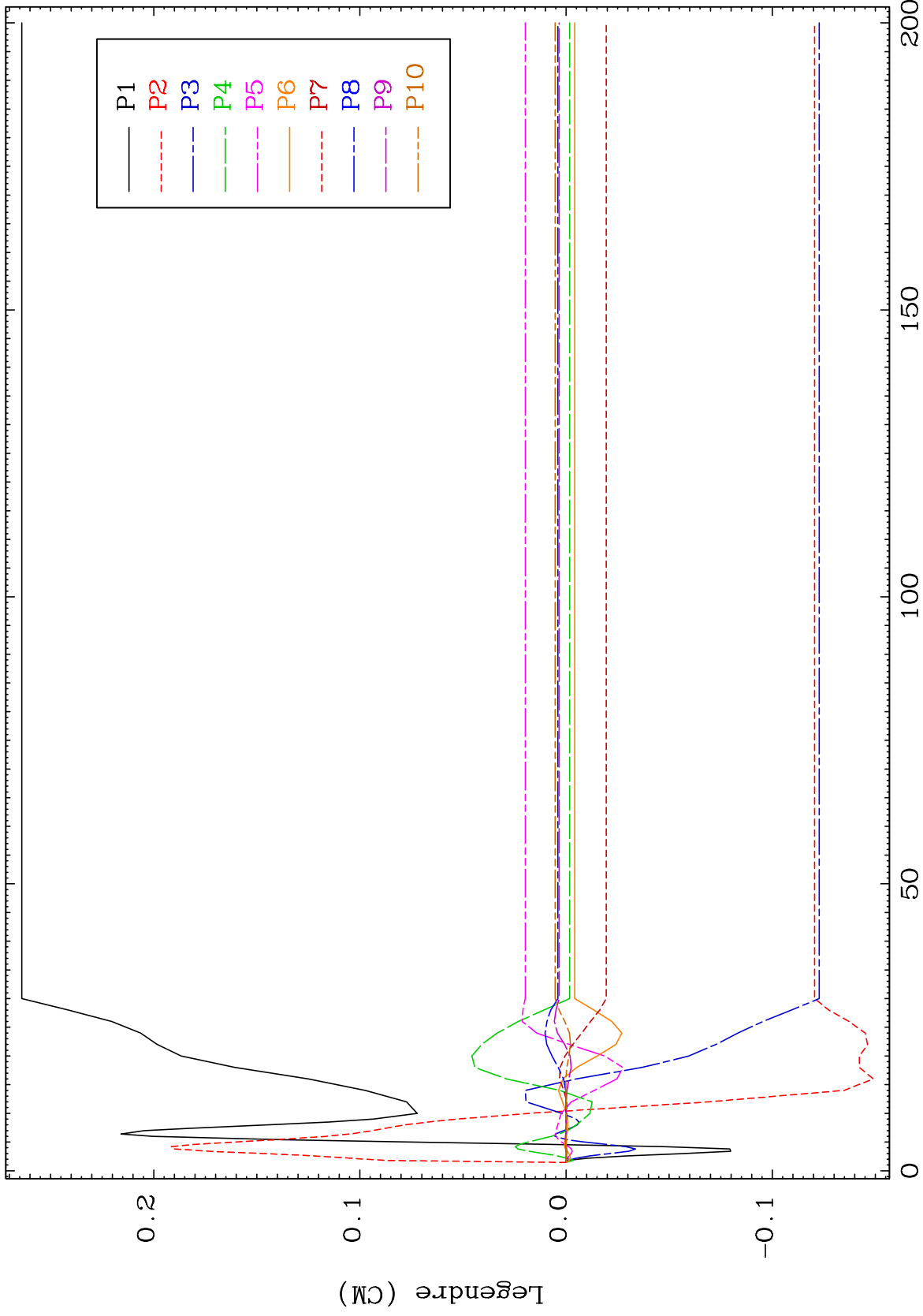
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

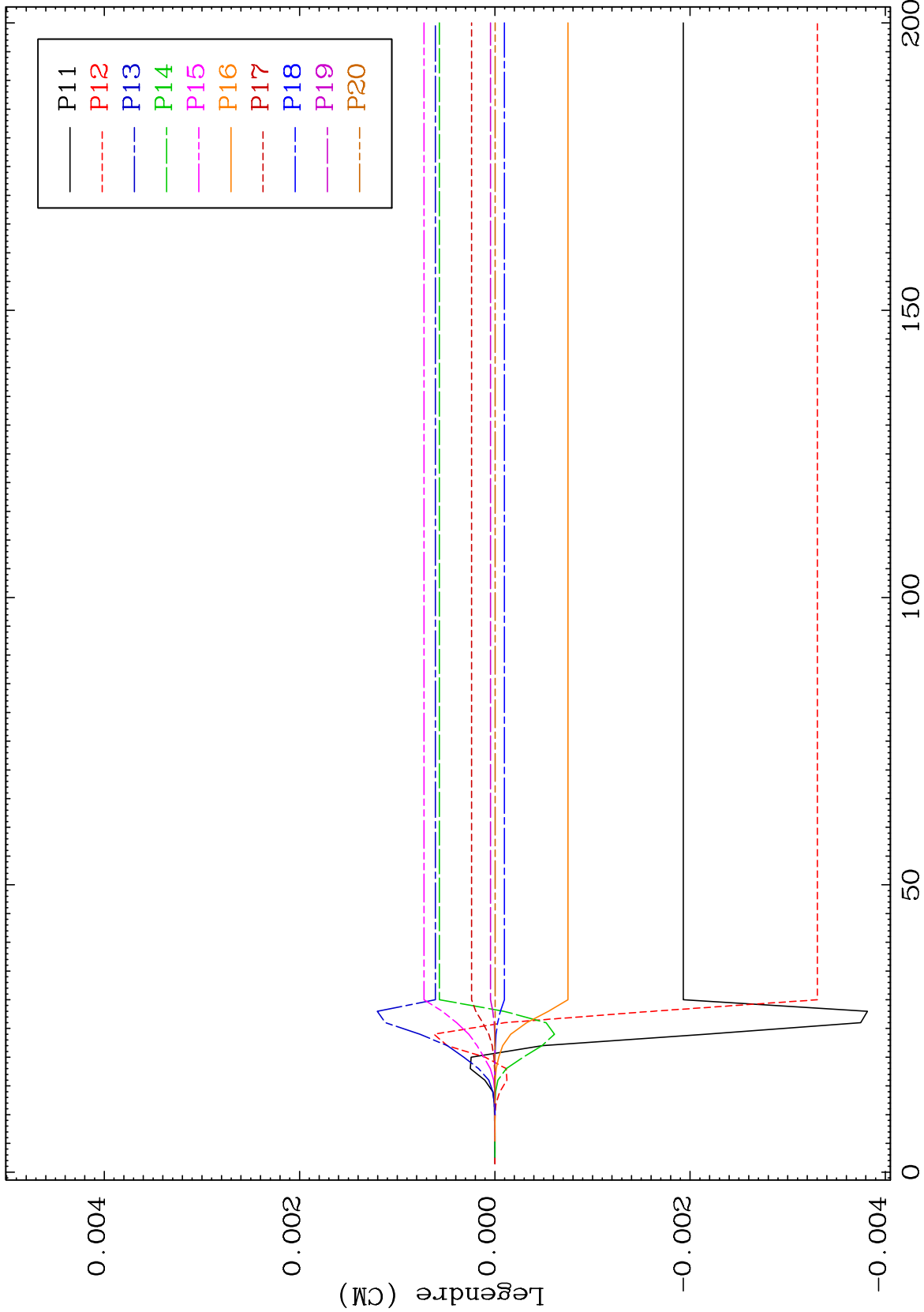
Incident Energy (MeV)

45

MAT 8392

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

84-Po-195



46

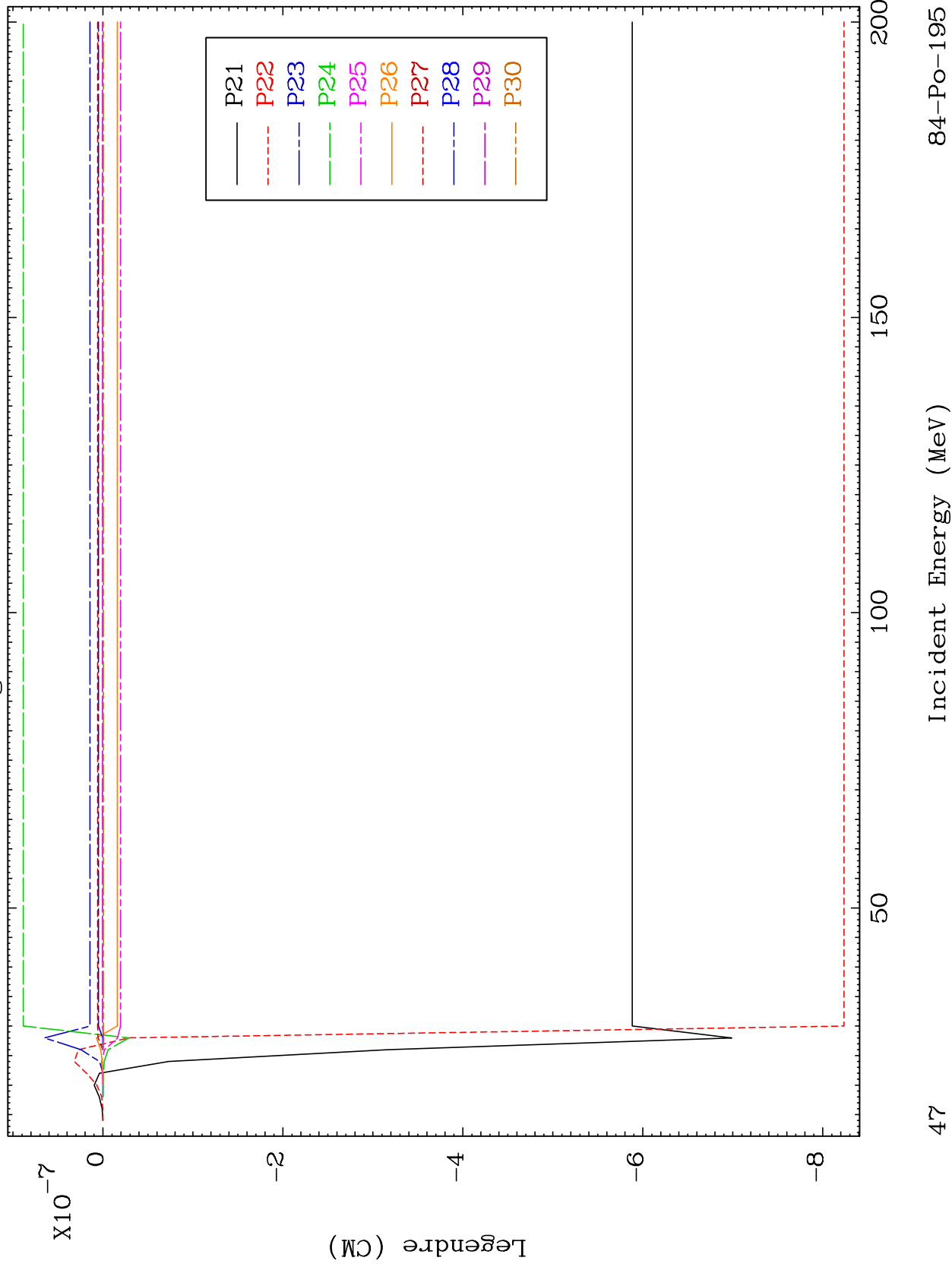
Incident Energy (MeV)

84-Po-195

MAT 8392

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

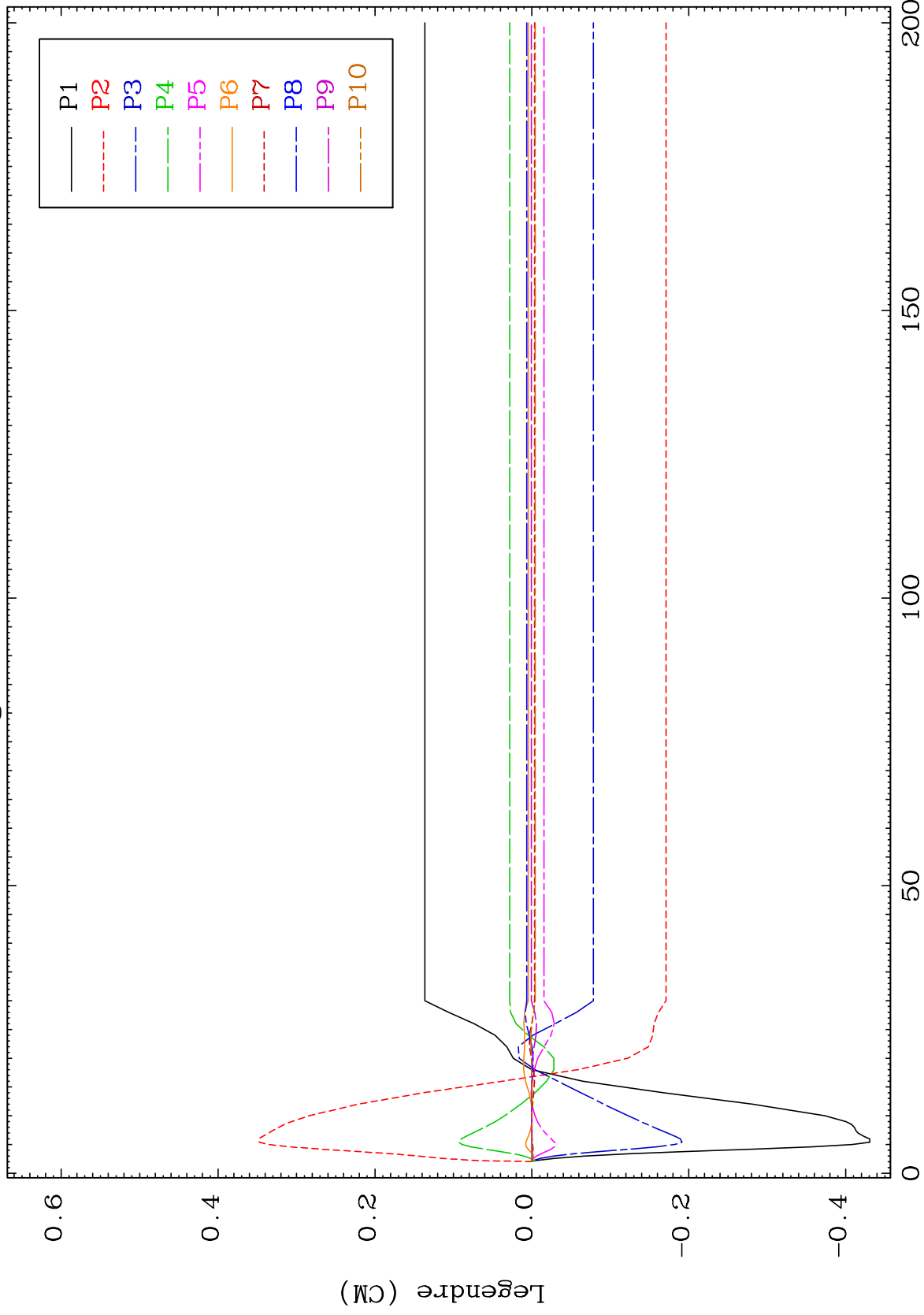
84-Po-195



MAT 8392

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

84-Po-195



48

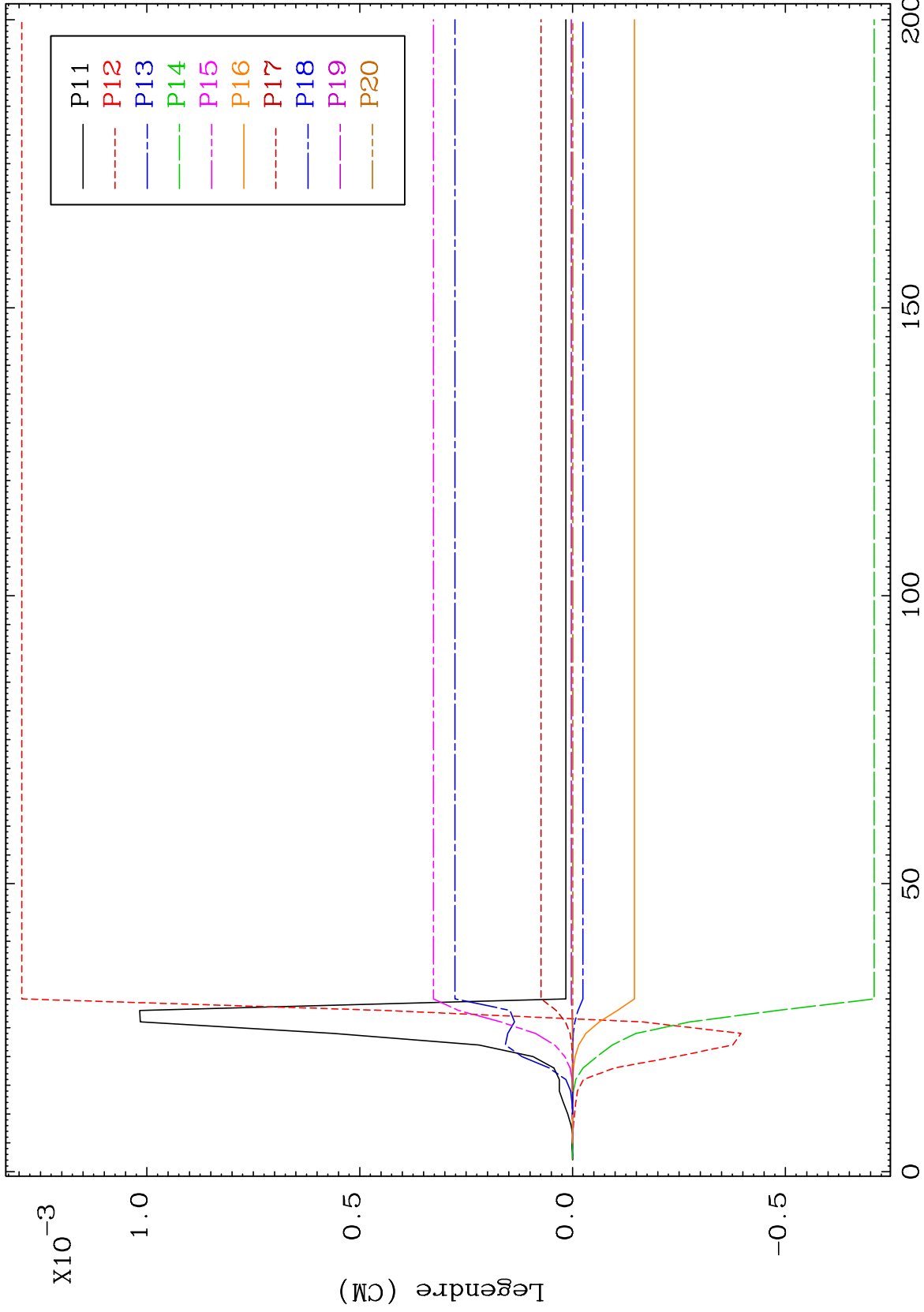
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



49

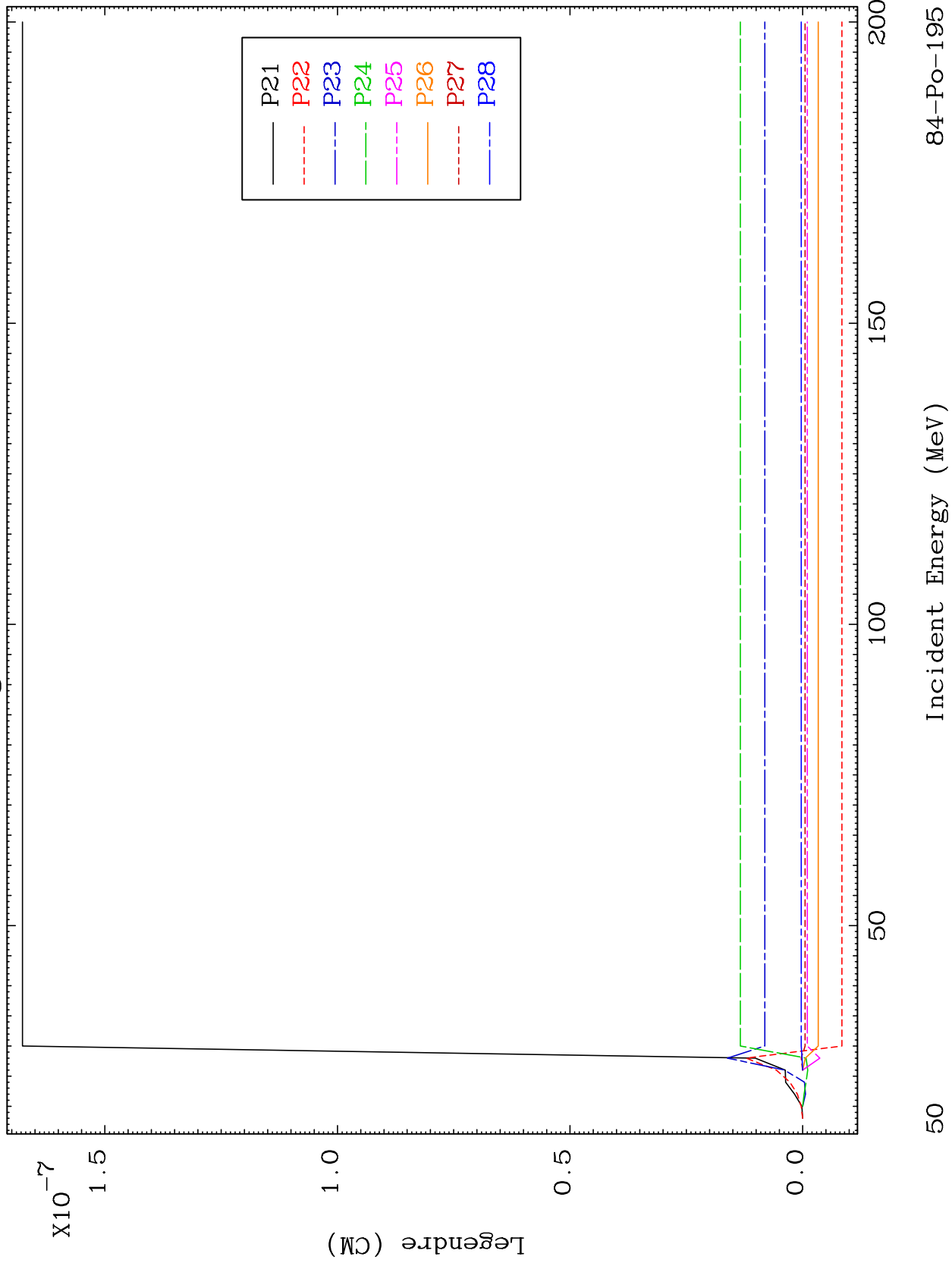
Incident Energy (MeV)

84-Po-195

MAT 8392

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

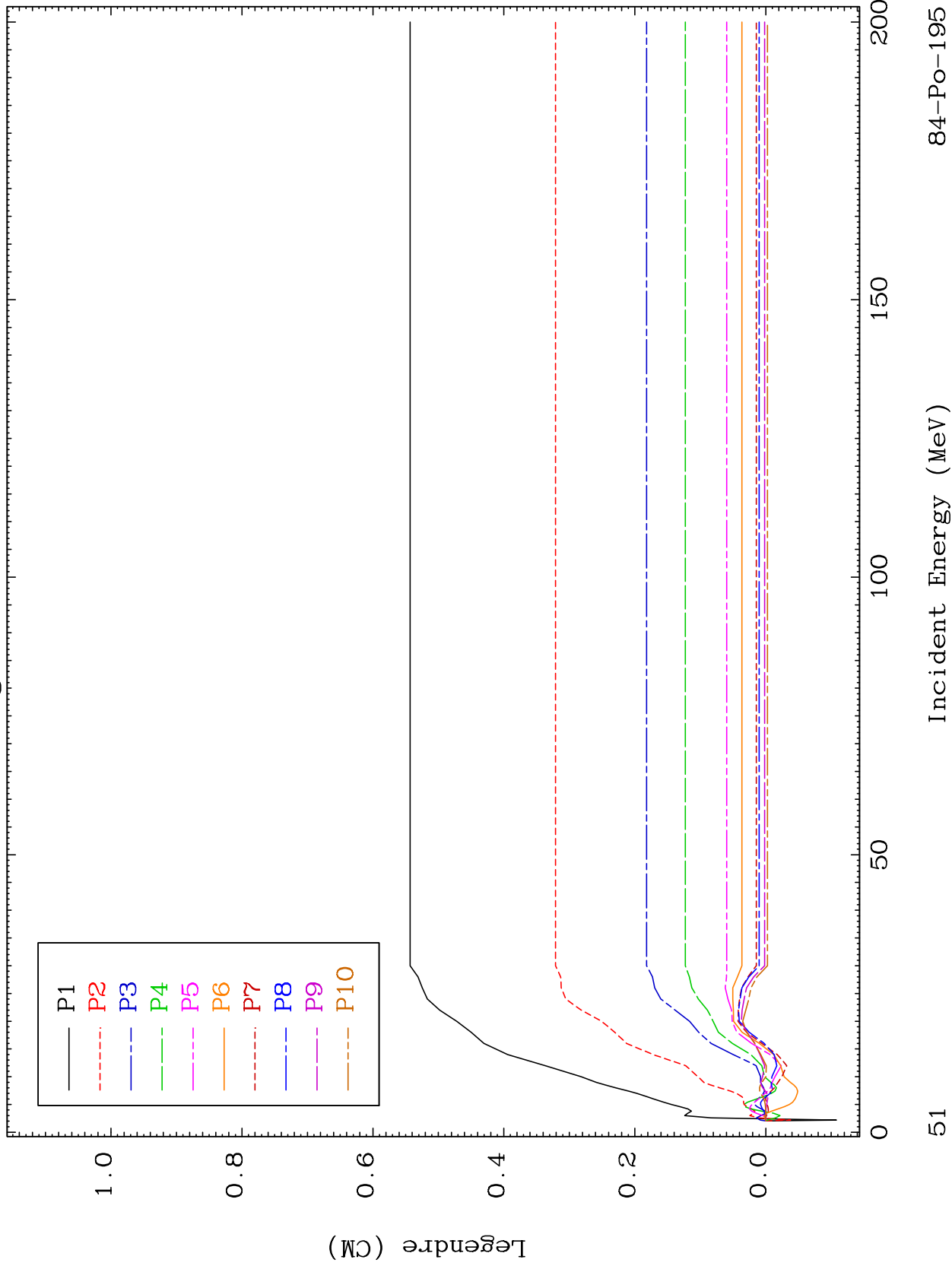
84-Po-195



MAT 8392

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

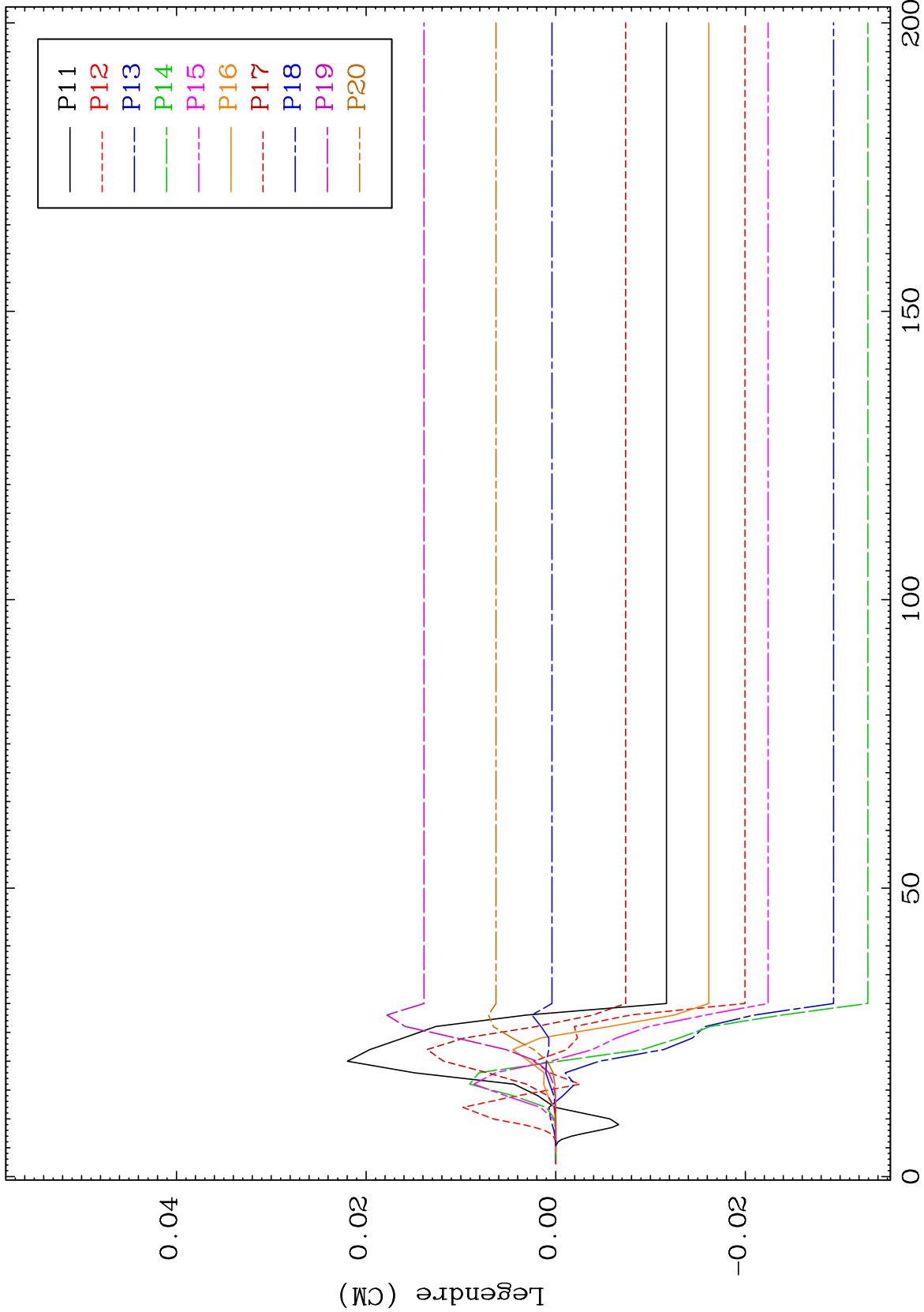
84-Po-195



MAT 8392

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

84-Po-195



52

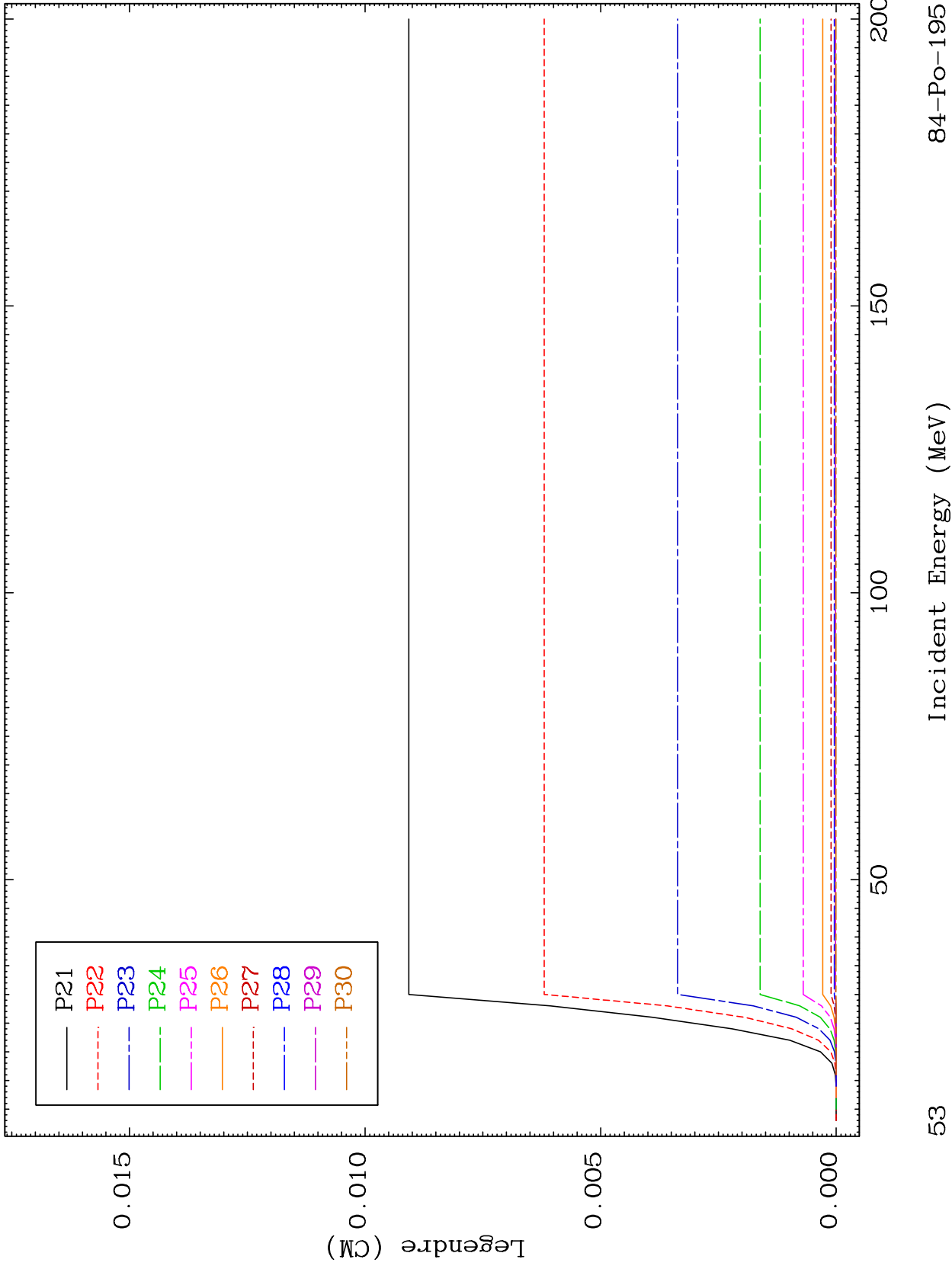
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



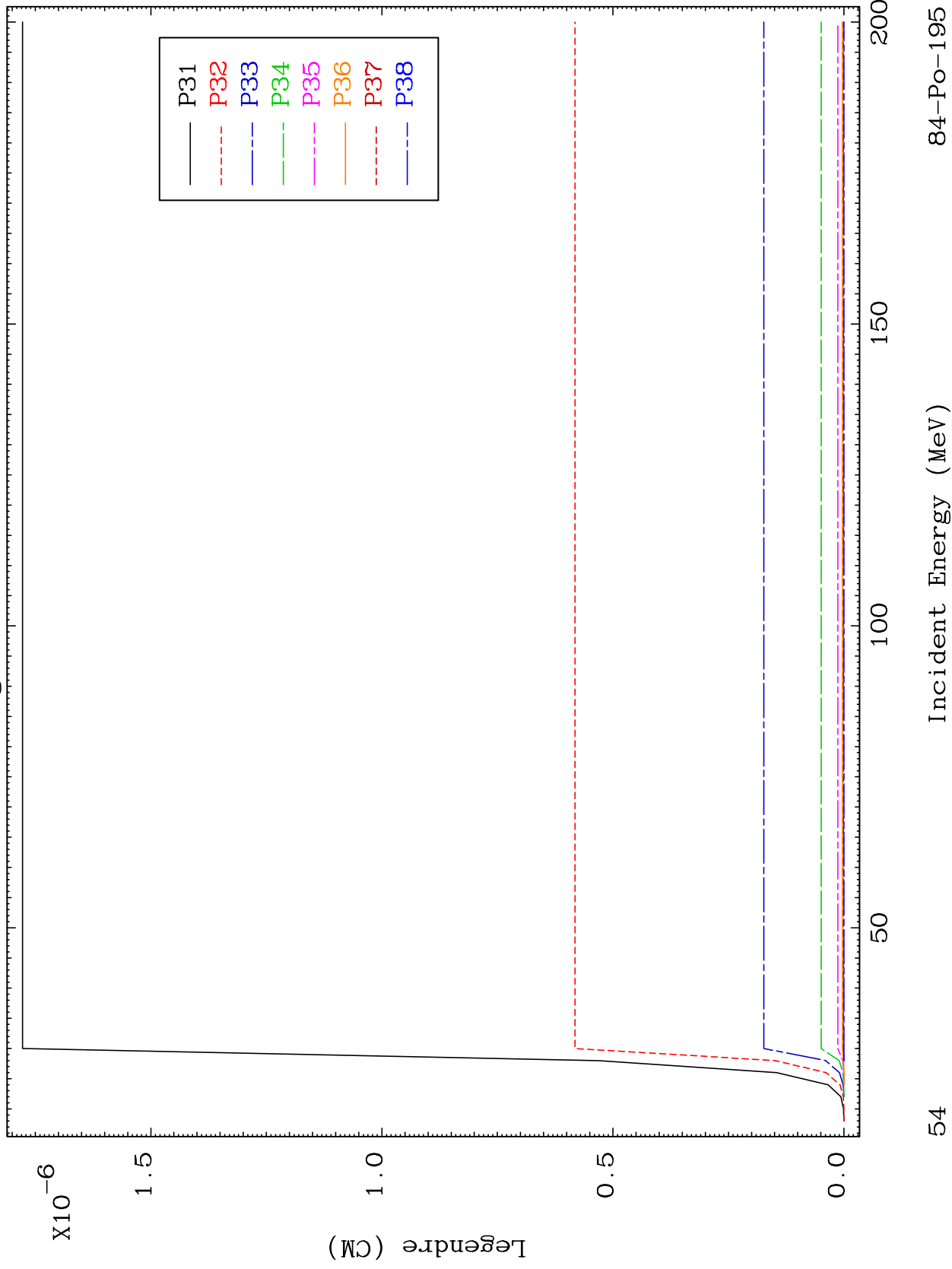
53

84-Po-195

MAT 8392

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

84-Po-195



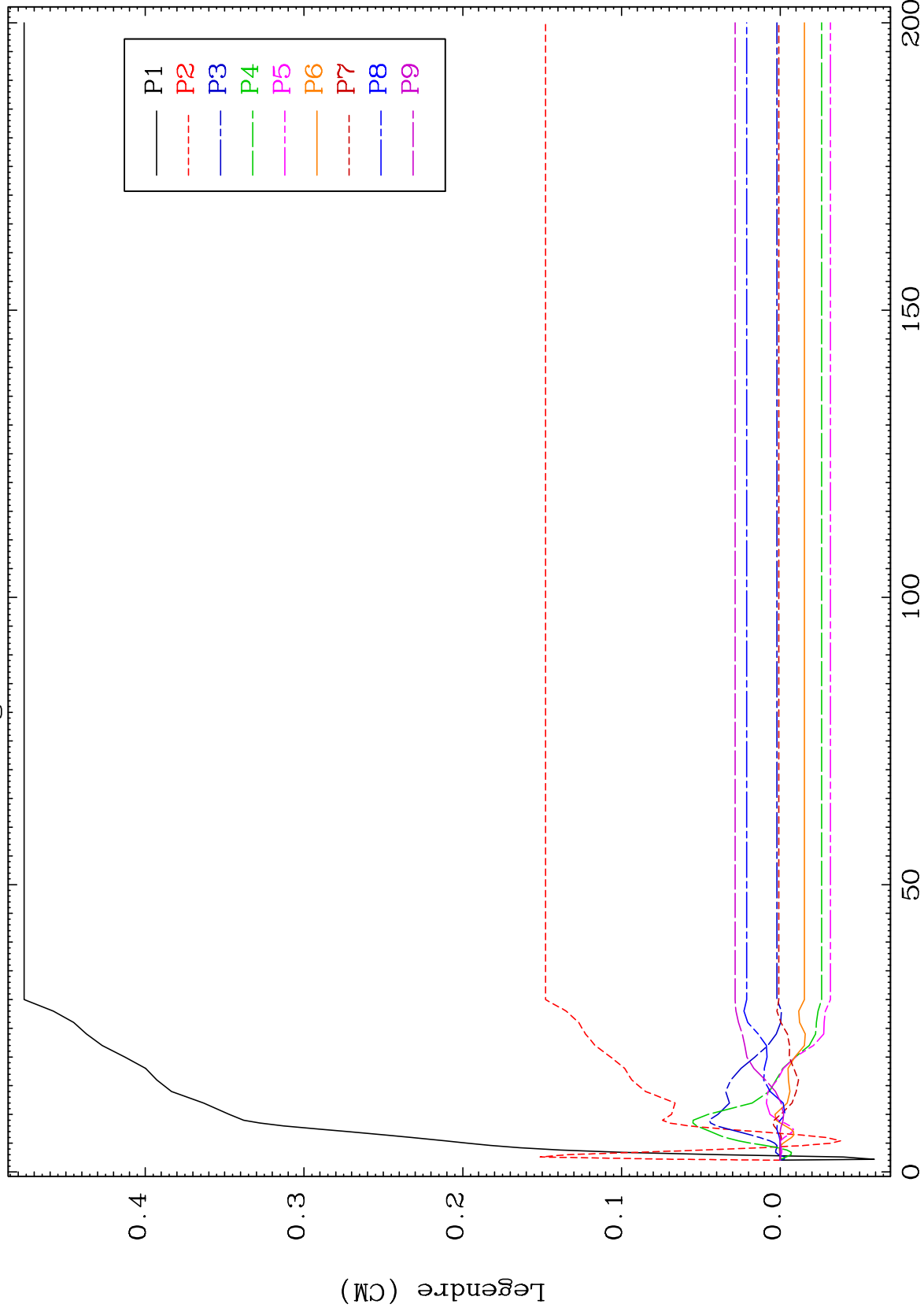
54

84-Po-195

MAT 8392

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

84-Po-195



55

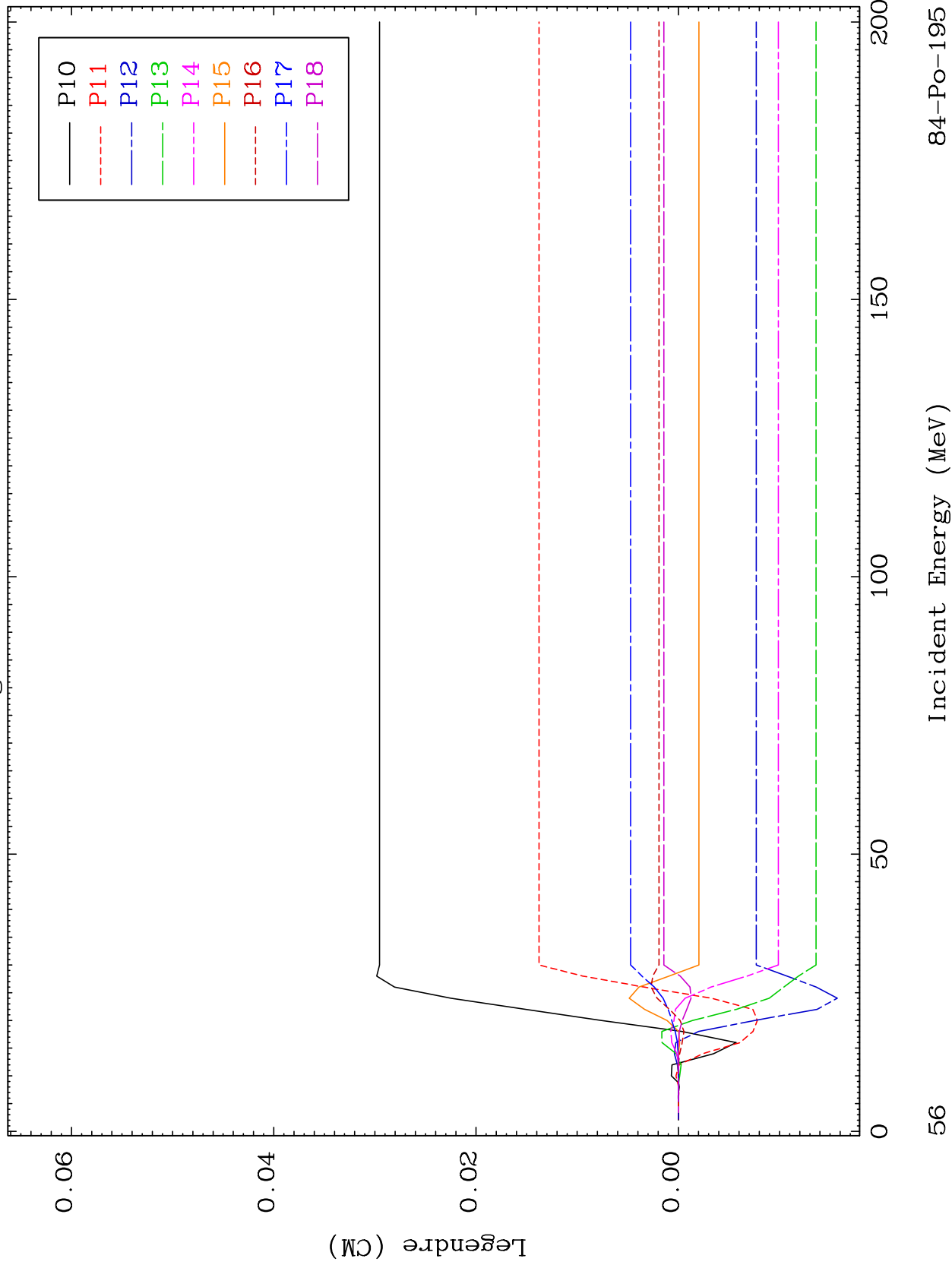
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

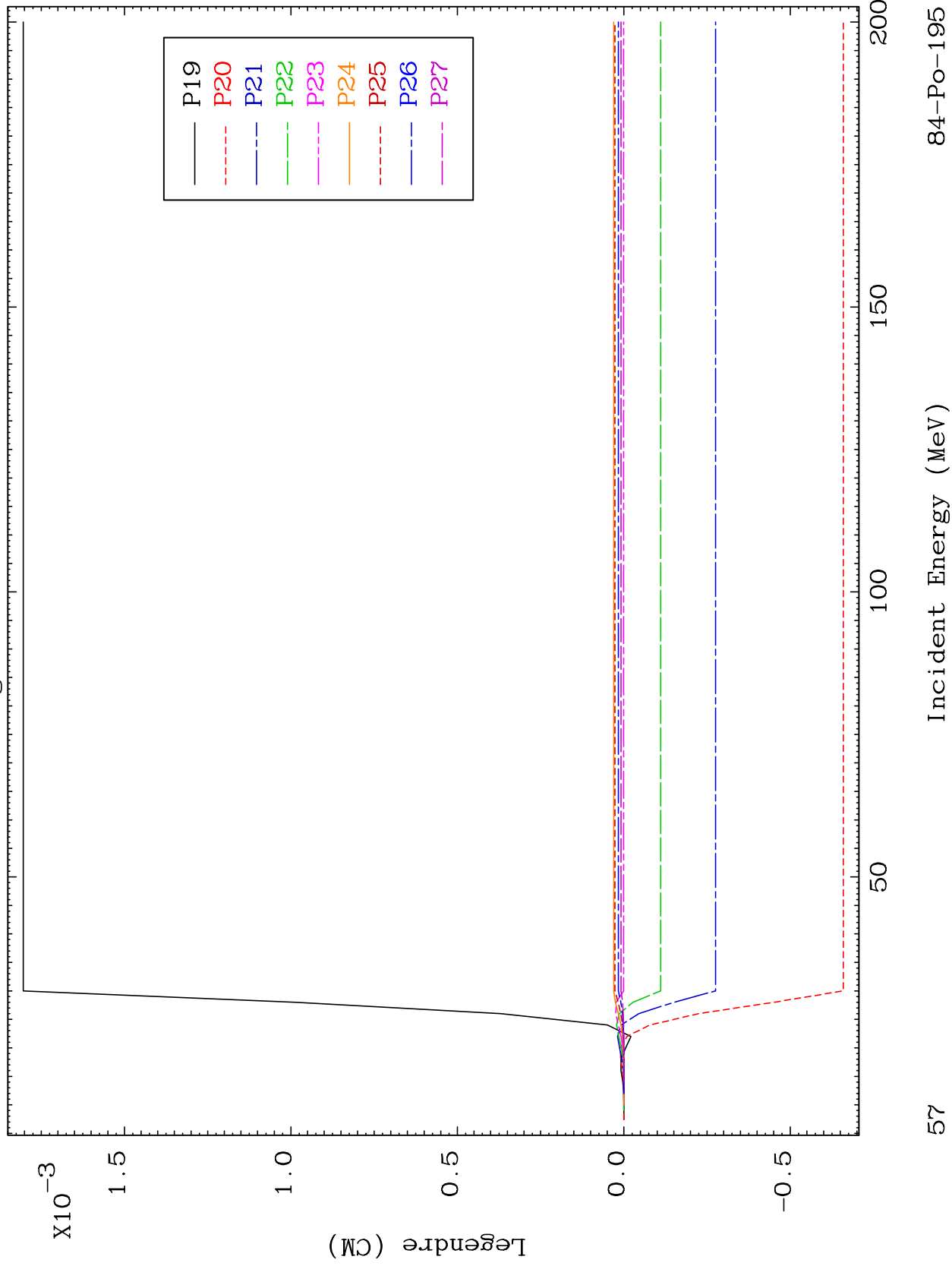
Incident Energy (MeV)

56

MAT 8392

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

84-Po-195



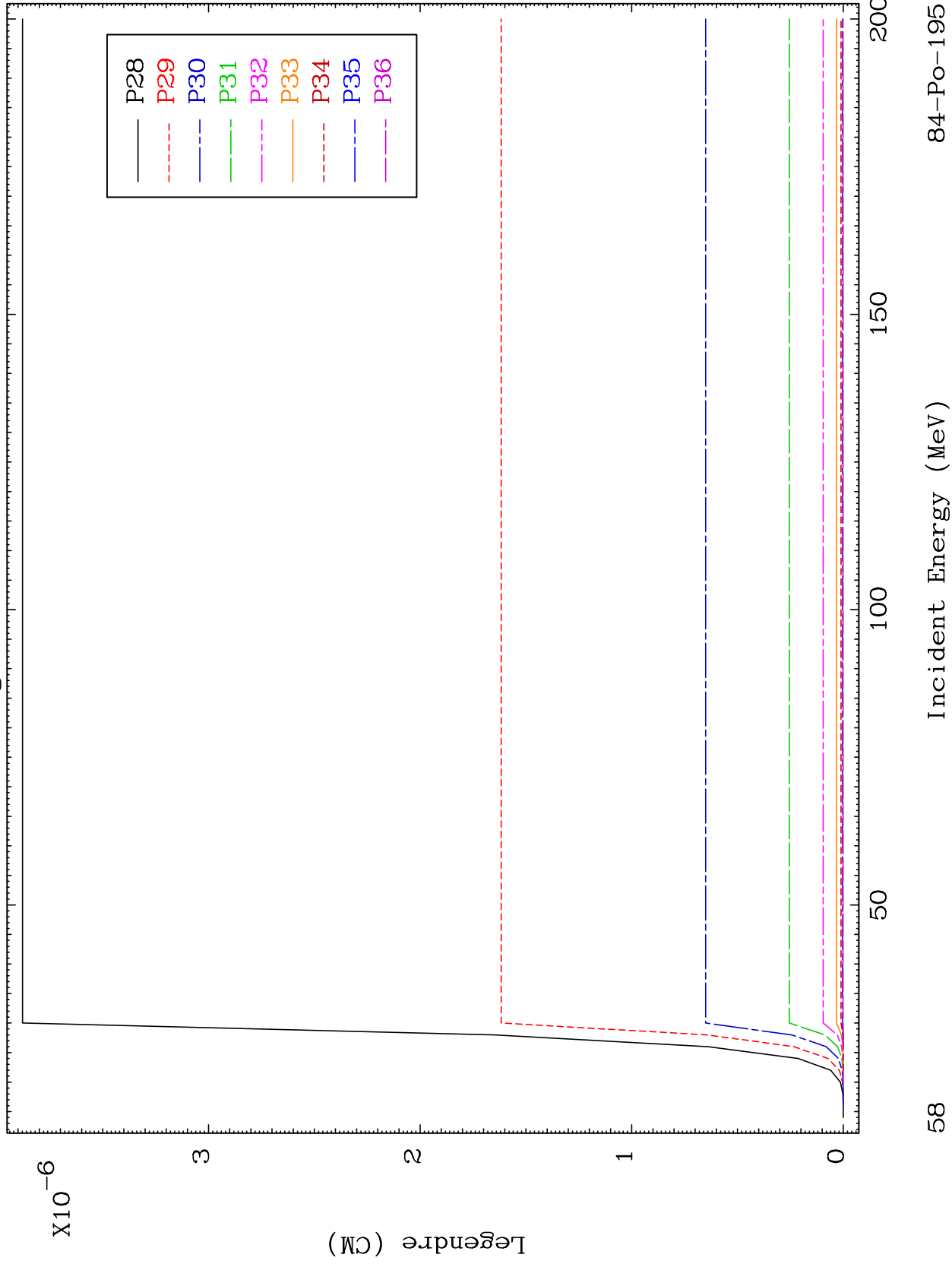
57

84-Po-195

MAT 8392

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

84-Po-195



58

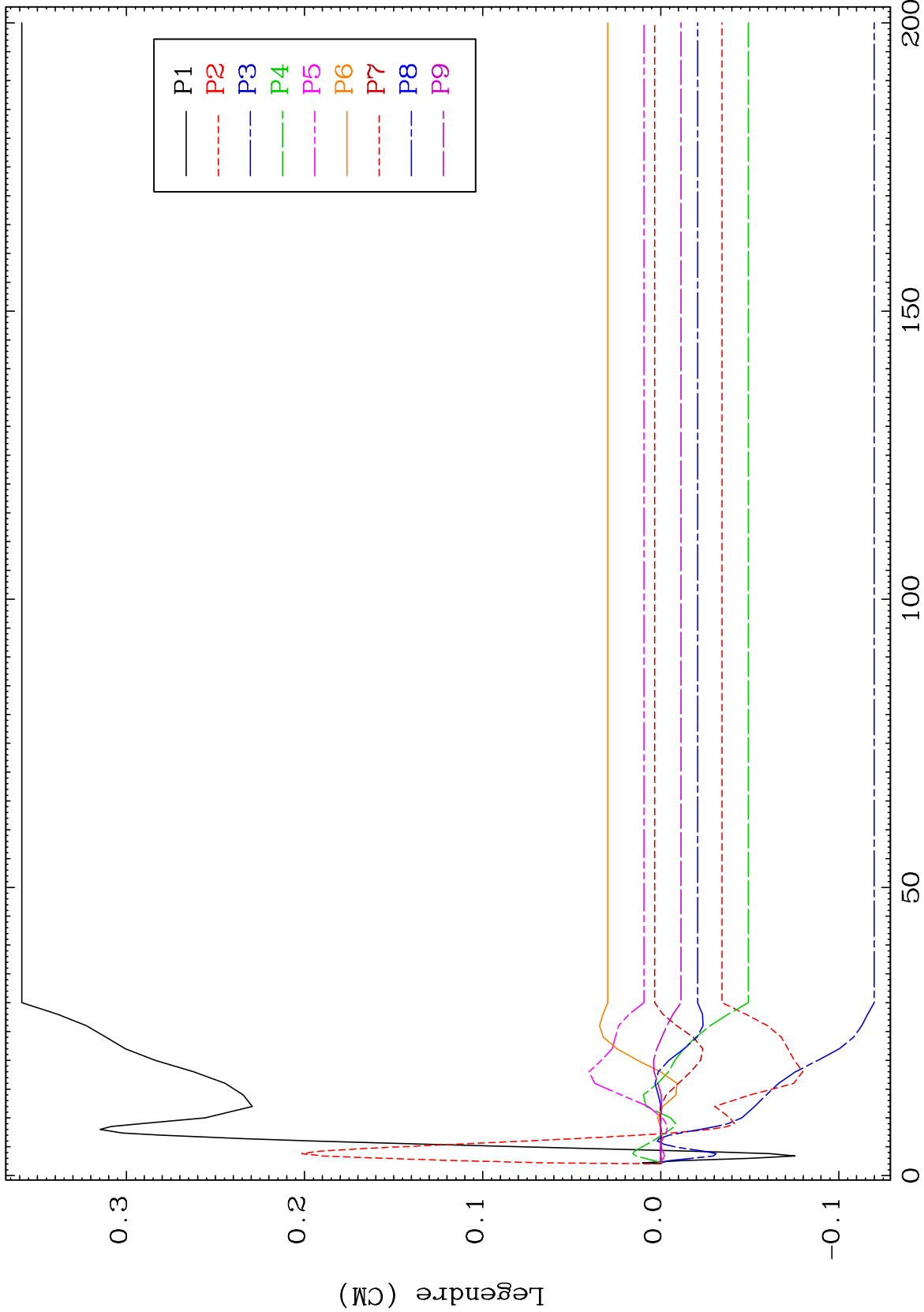
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



59

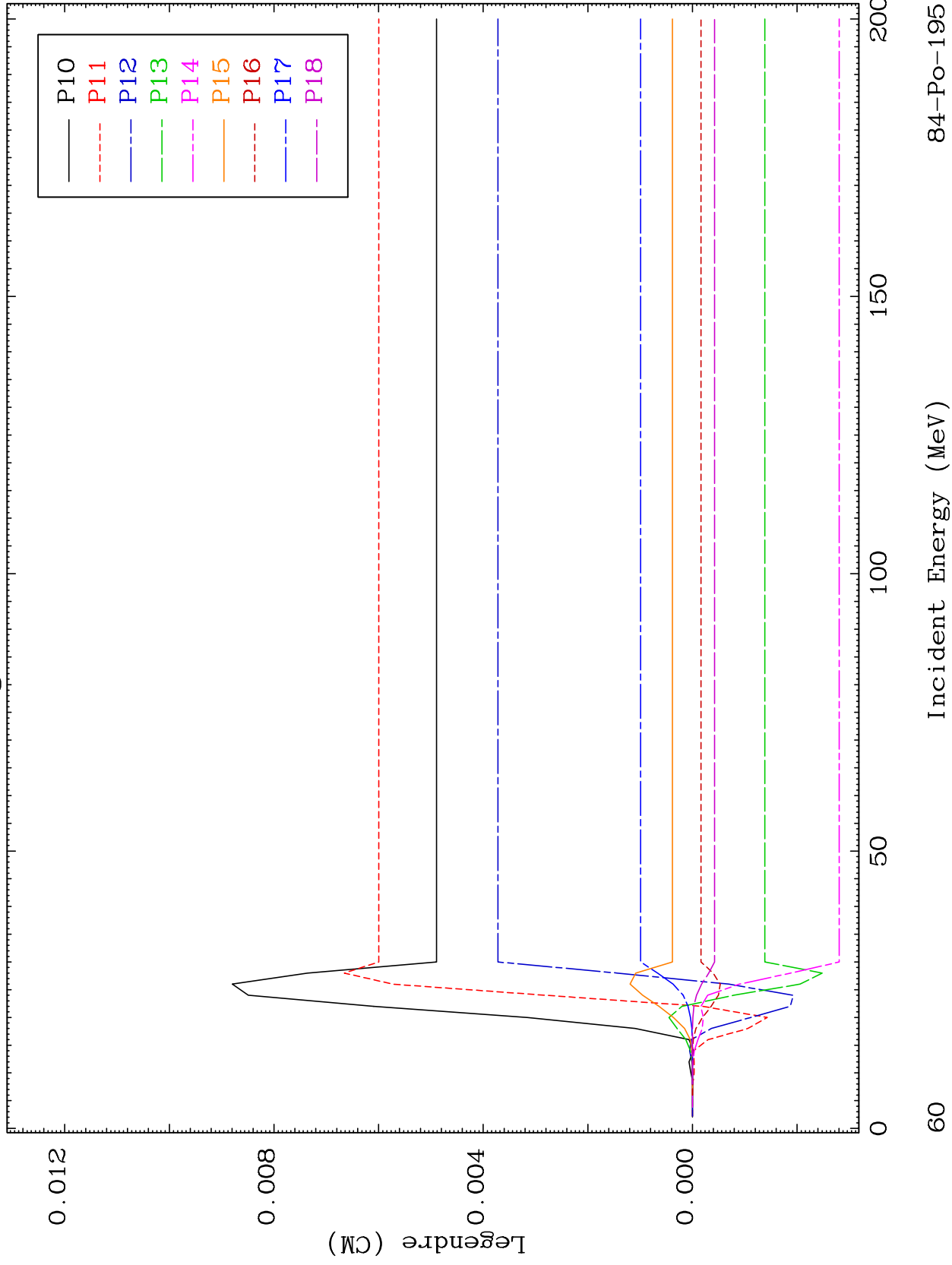
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



84-Po-195

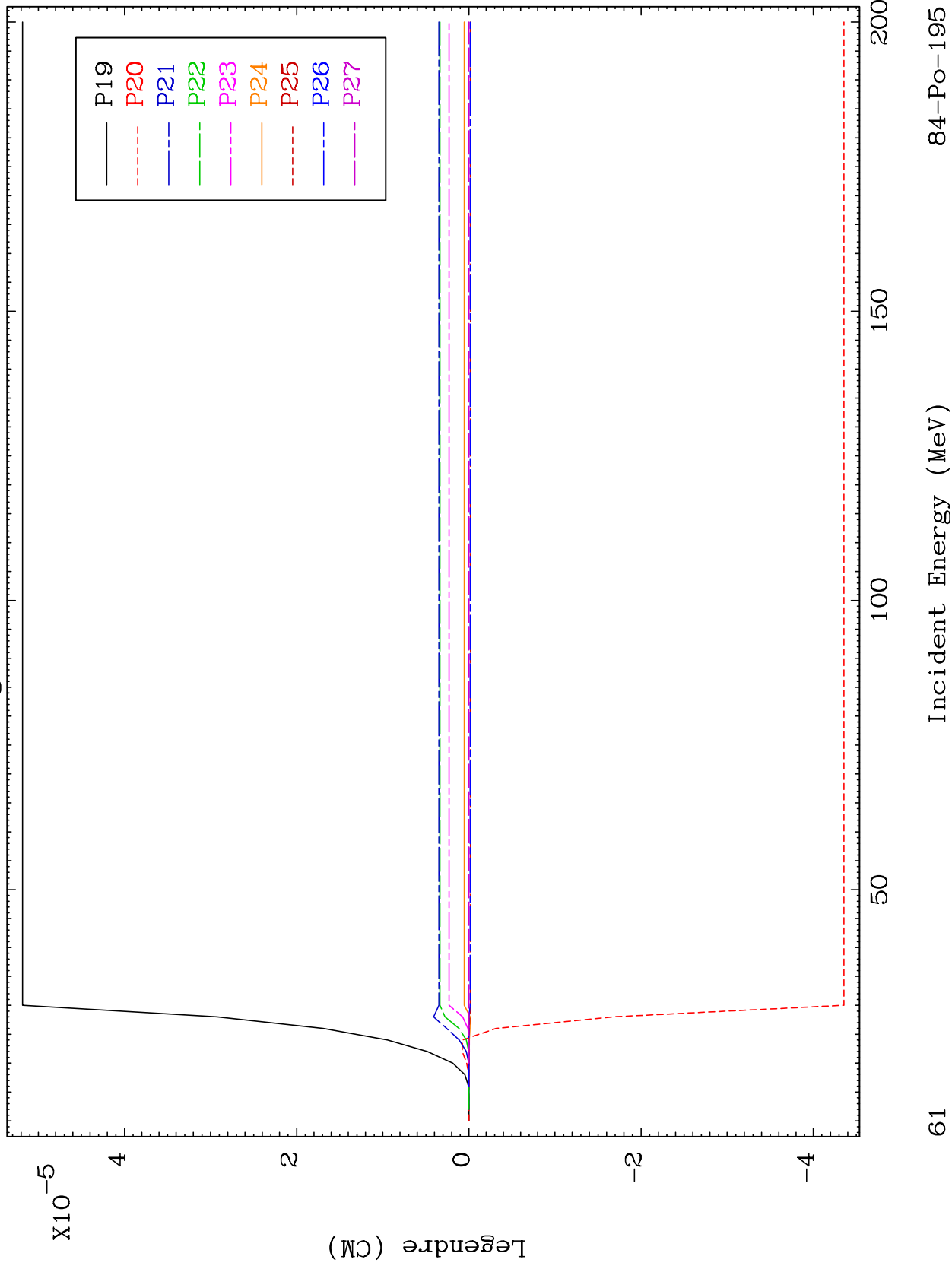
Incident Energy (MeV)

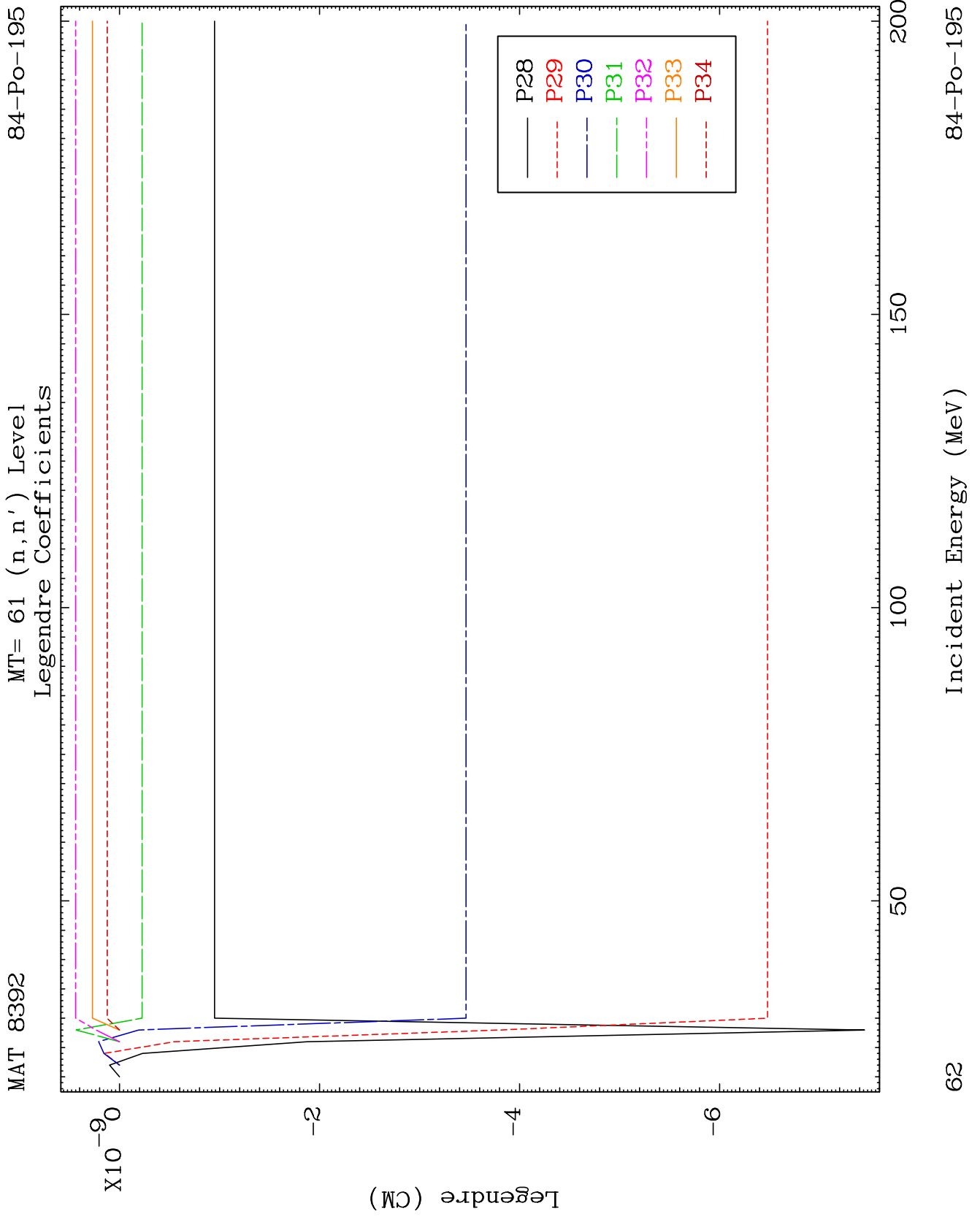
60

MAT 8392

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

84-Po-195

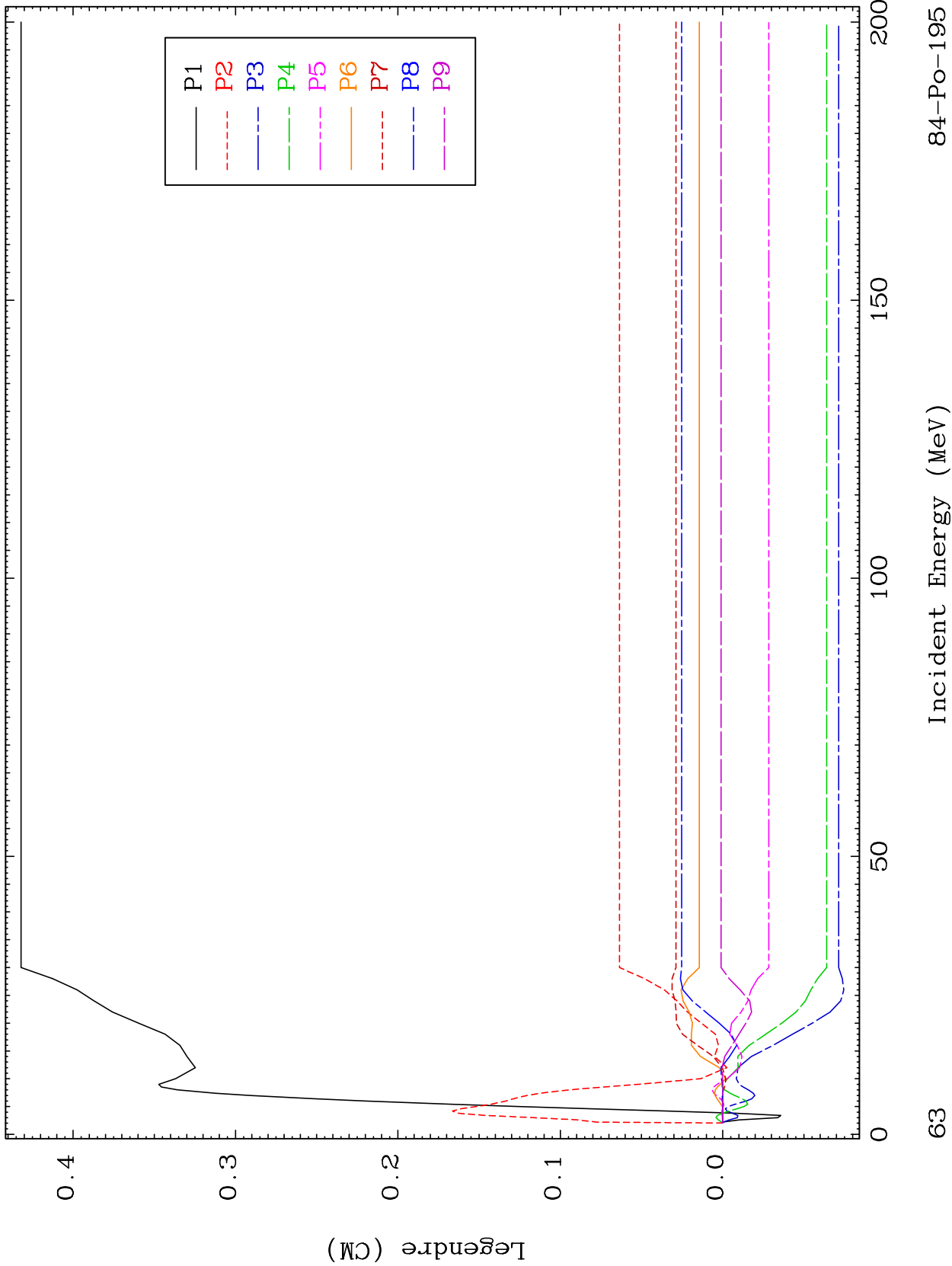




MAT 8392

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

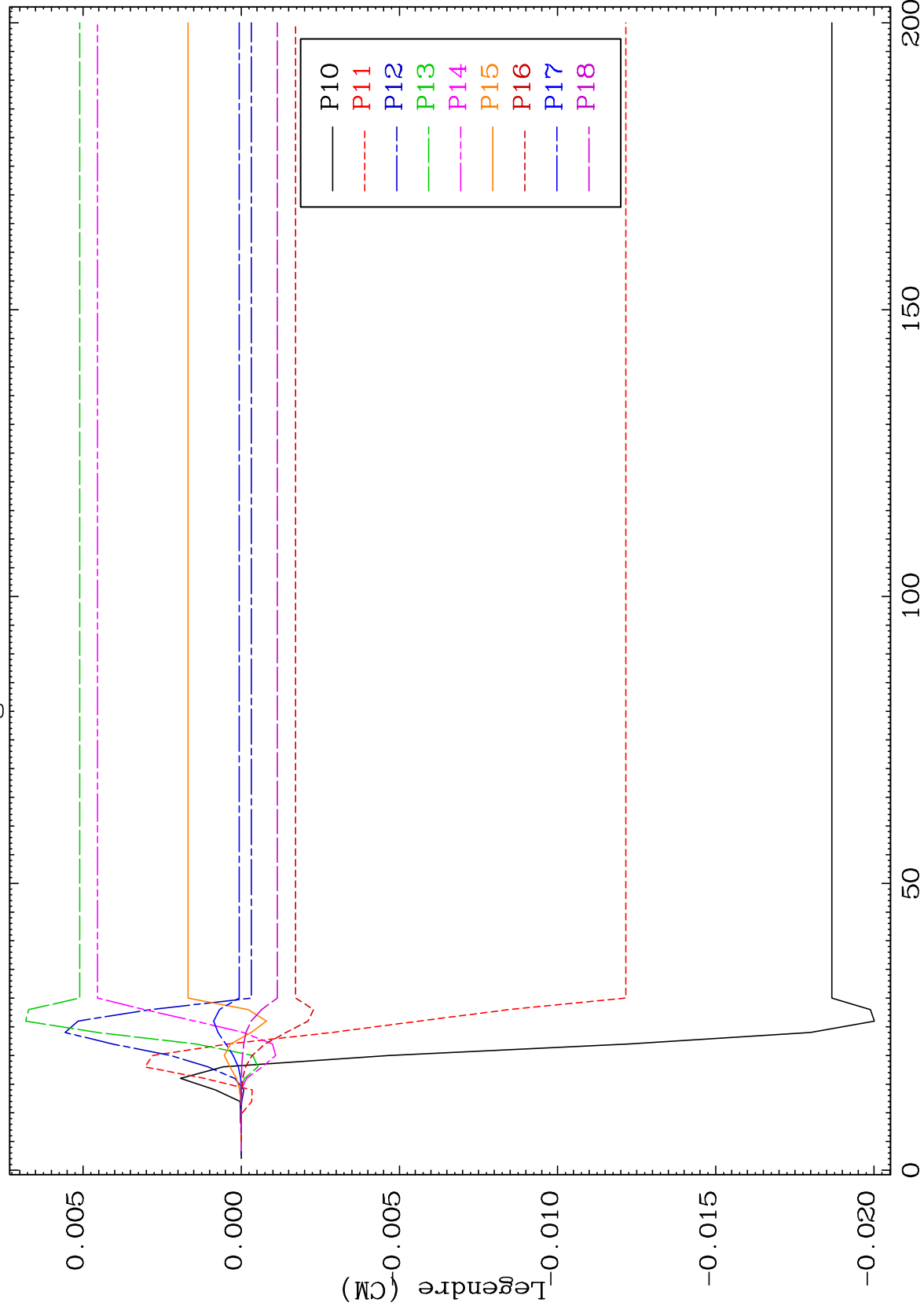
84-Po-195



MAT 8392

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

84-Po-195



64

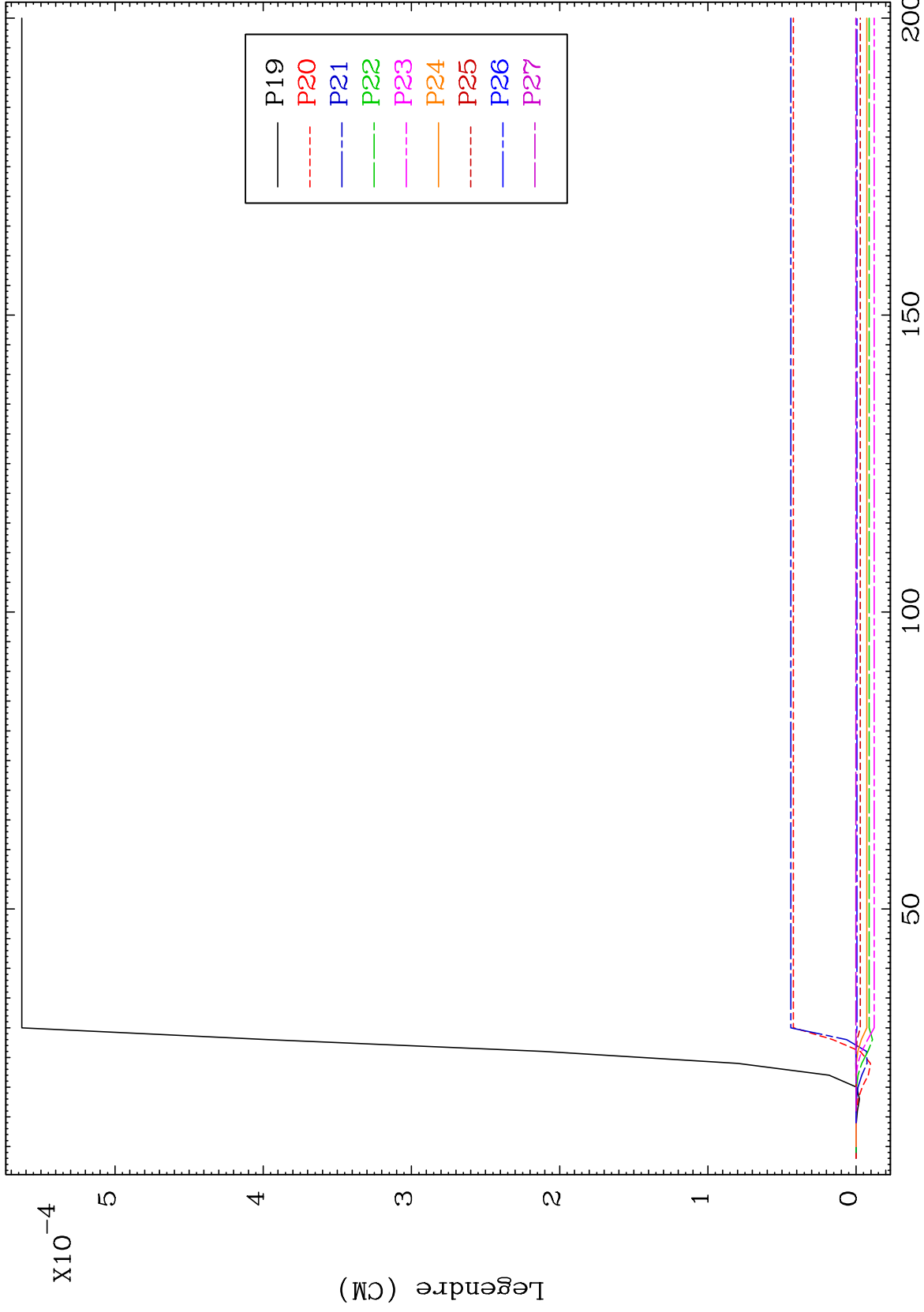
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



65

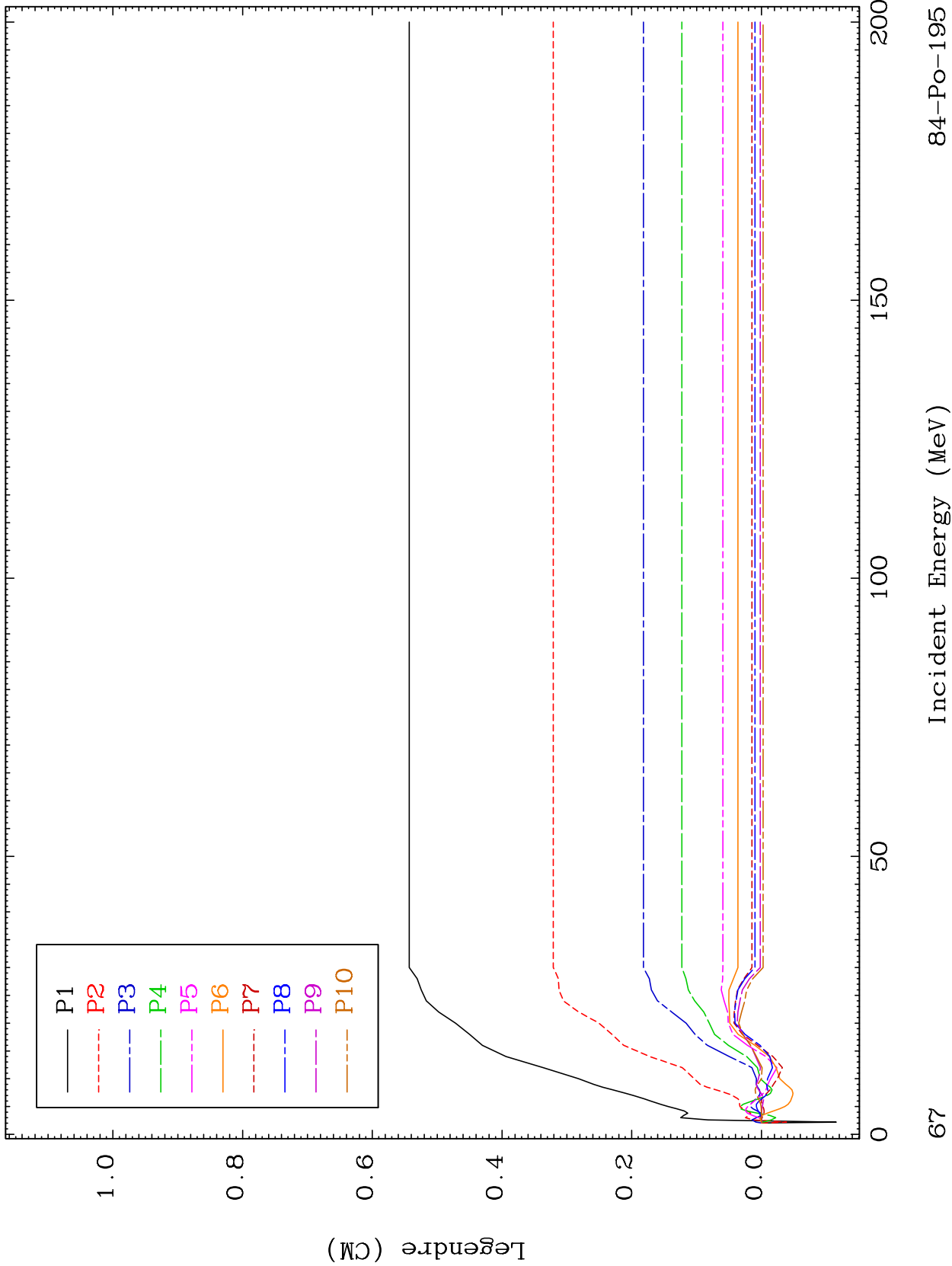
Incident Energy (MeV)

84-Po-195

MAT 8392

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

84-Po-195



67

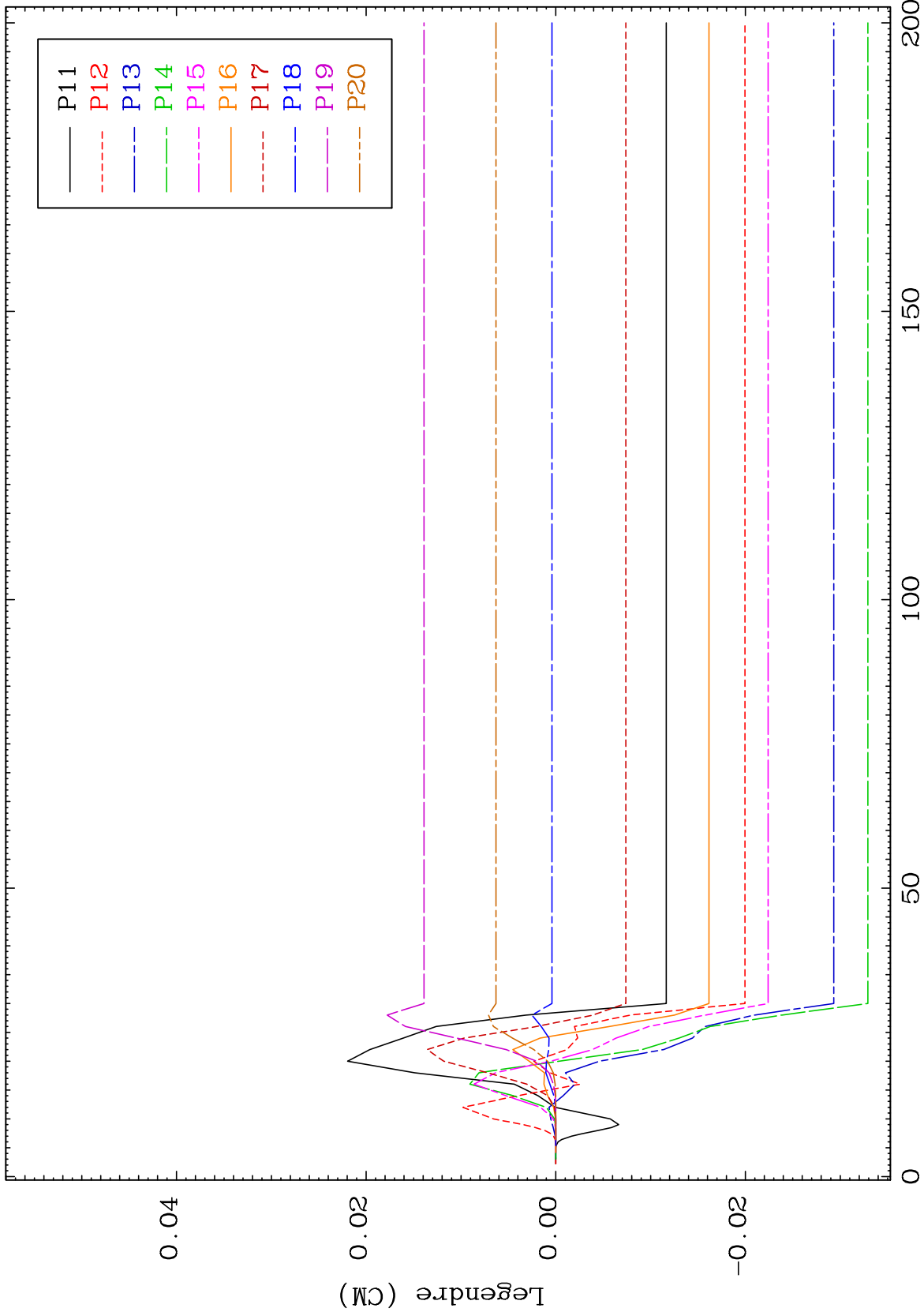
Incident Energy (MeV)

84-Po-195

MAT 8392

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

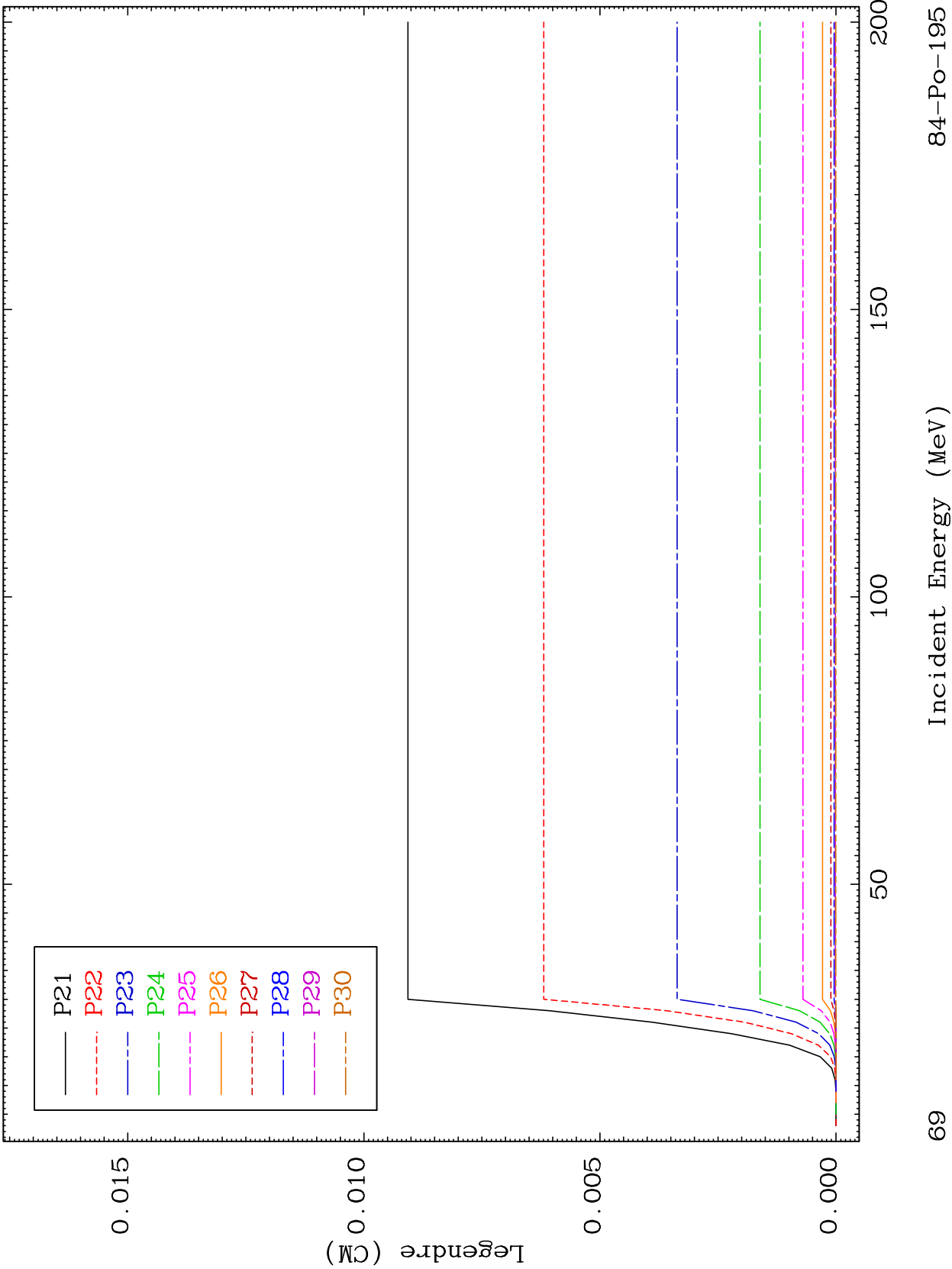
84-Po-195



68

Incident Energy (MeV)

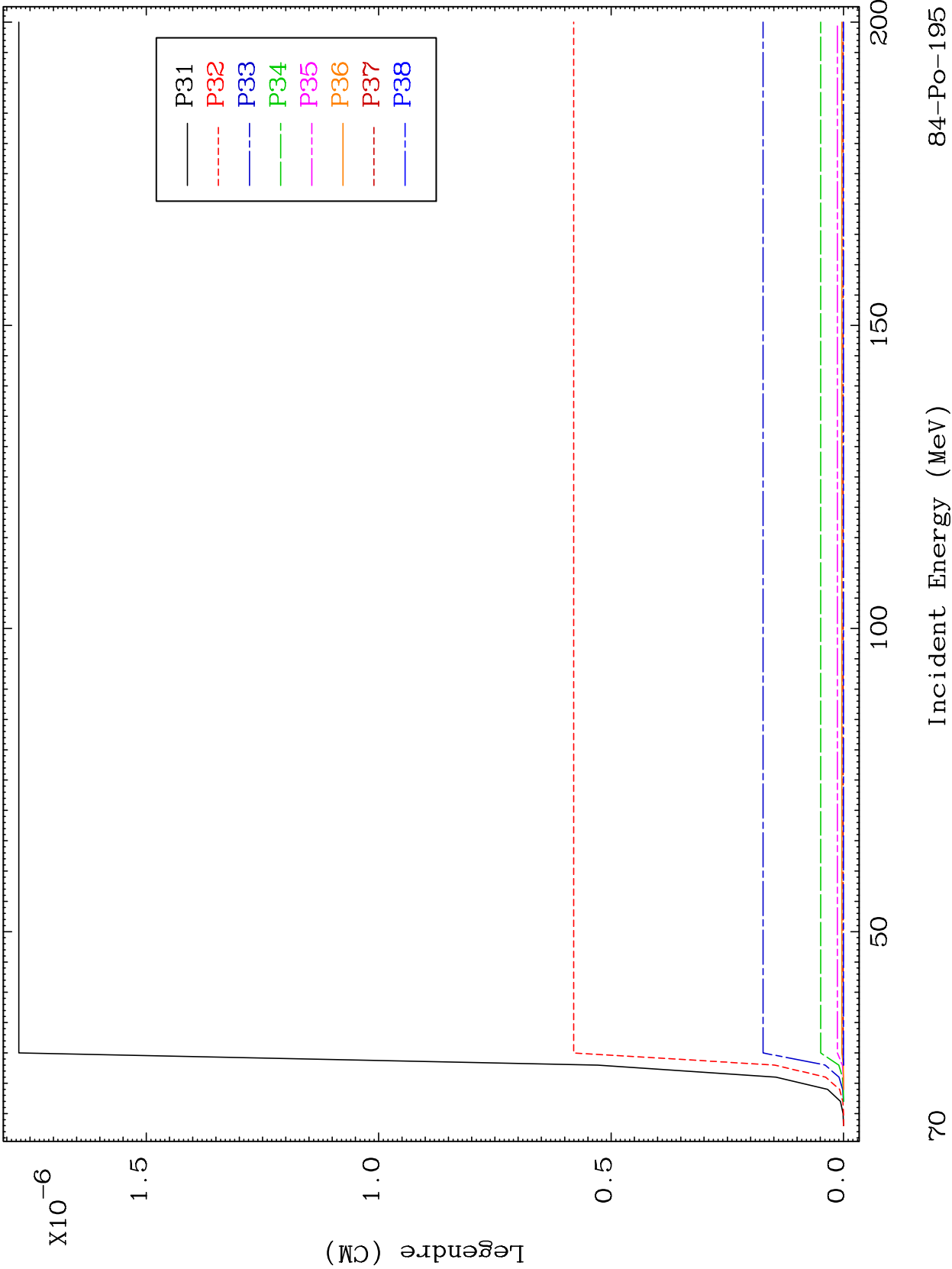
84-Po-195



MAT 8392

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

84-Po-195



70

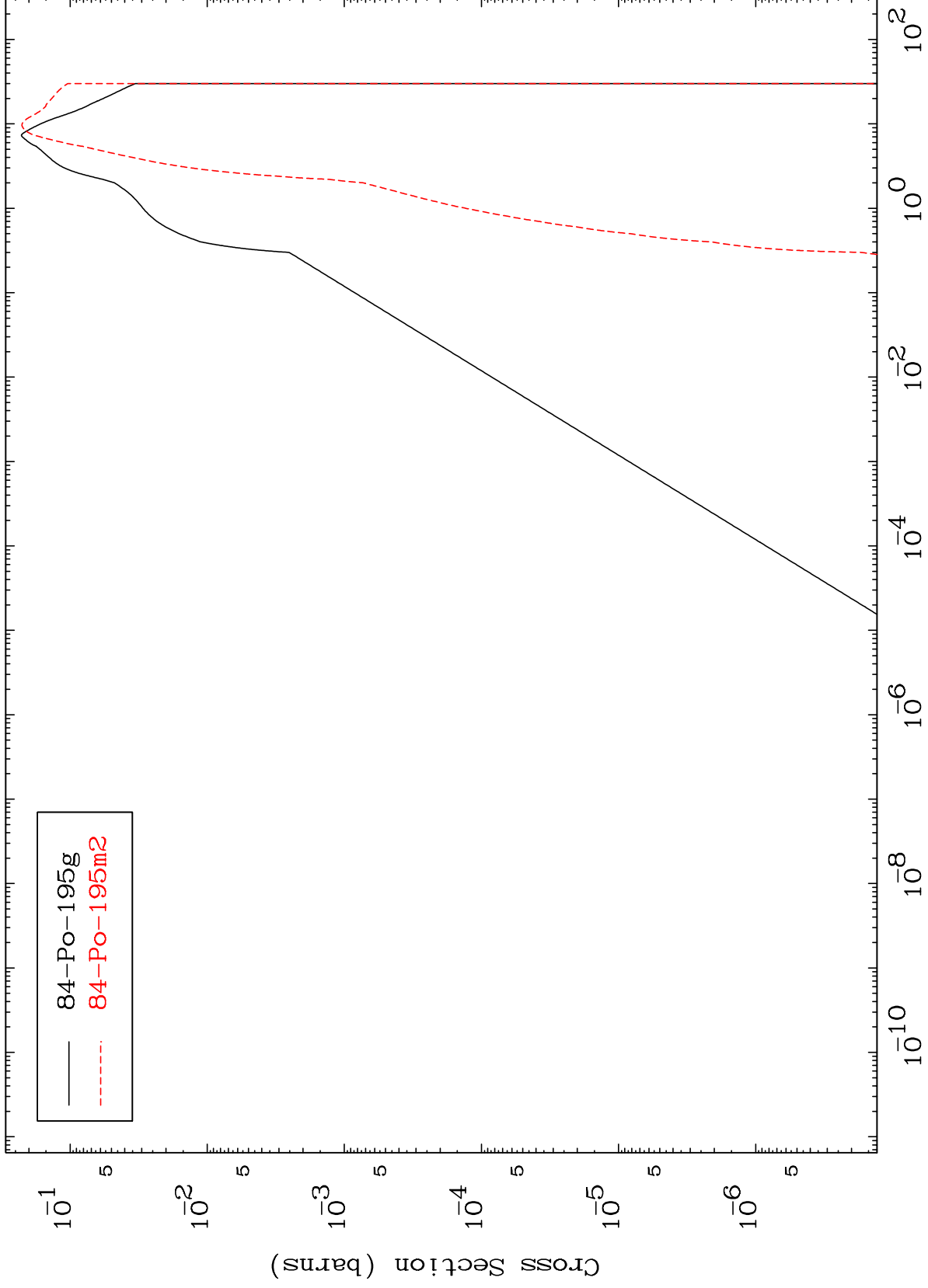
Incident Energy (MeV)

84-Po-195

MAT 8392

Inelastic
Radionuclide Production Cross Section

84-Po-195



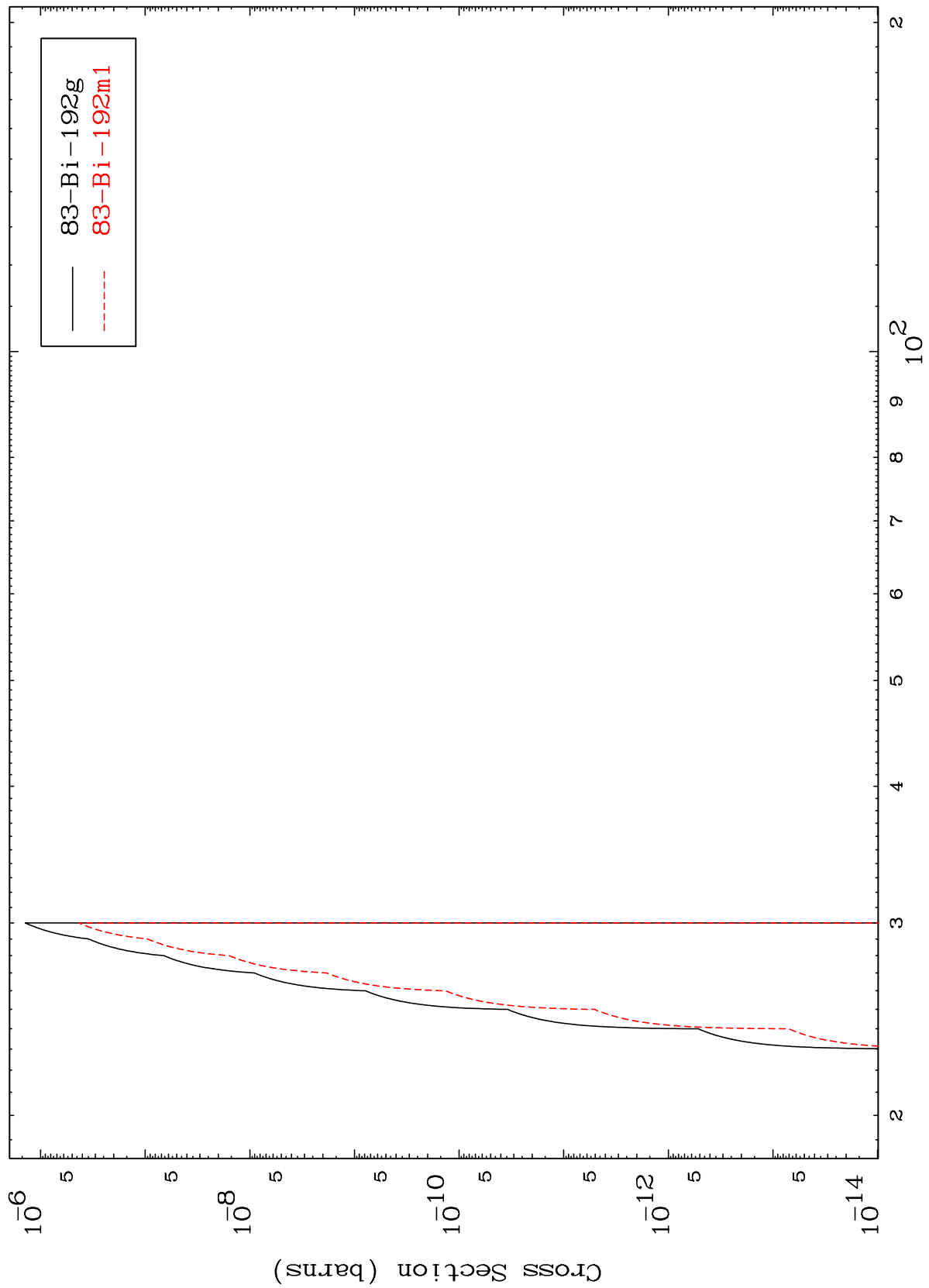
84-Po-195

MAT 8392

(n,2n) d

84-Po-195

Radionuclide Production Cross Section



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

72

Incident Energy (MeV)

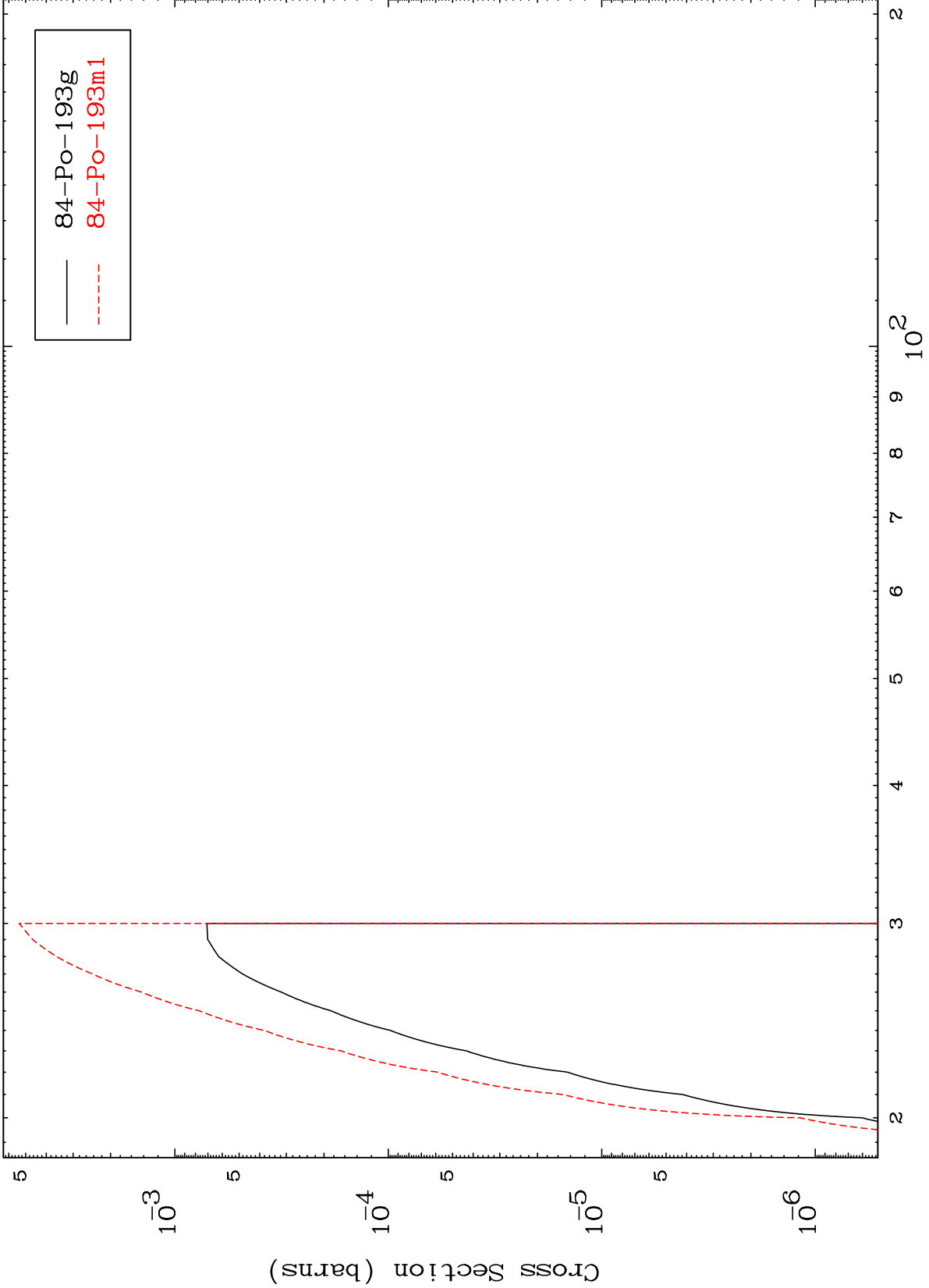
84-Po-195

MAT 8392

(n,3n)

84-Po-195

Radionuclide Production Cross Section



84-Po-193g
84-Po-193m1

73

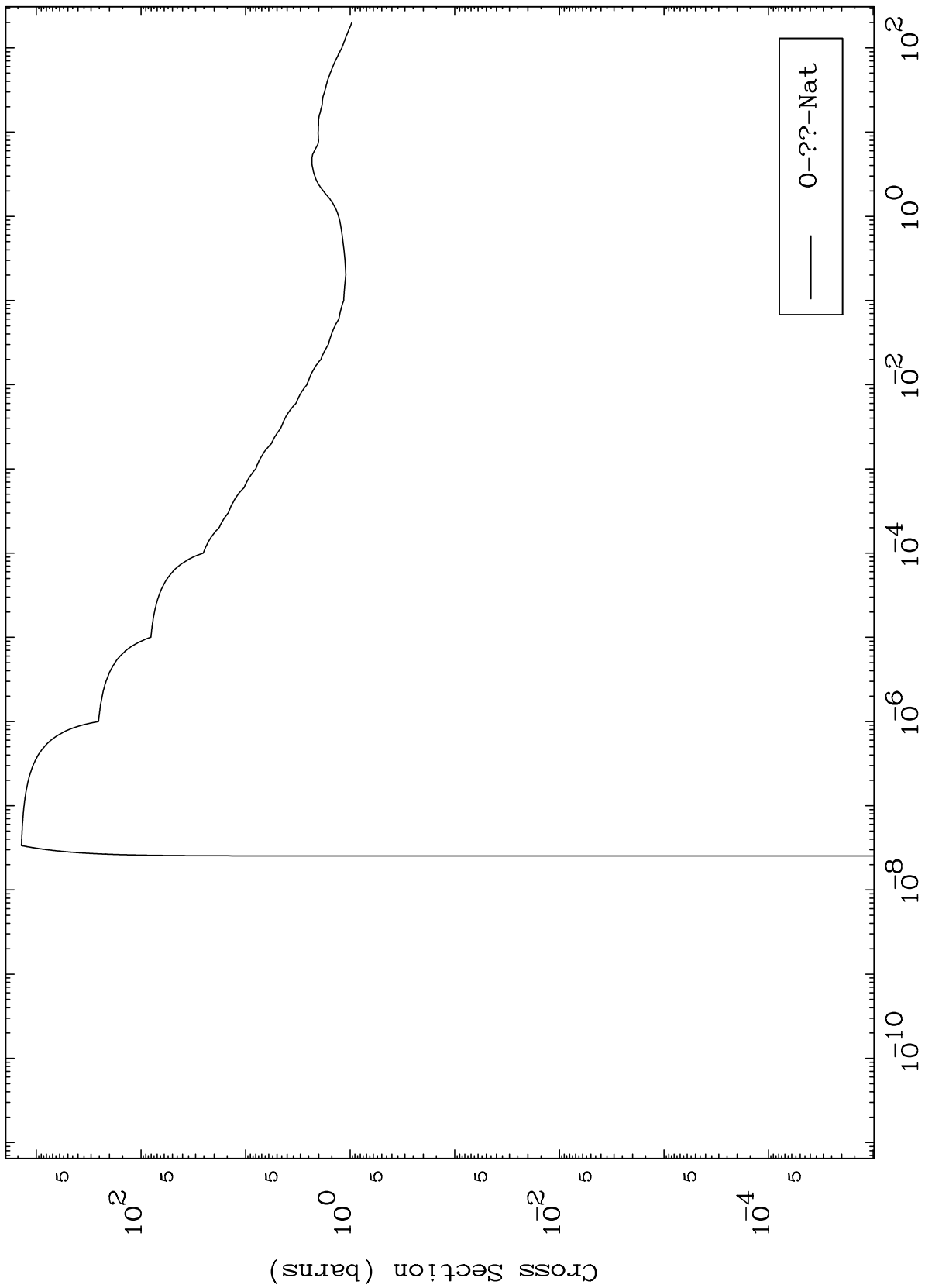
Incident Energy (MeV)

84-Po-195

MAT 8392

84-Po-195

Fission
Radionuclide Production Cross Section



74

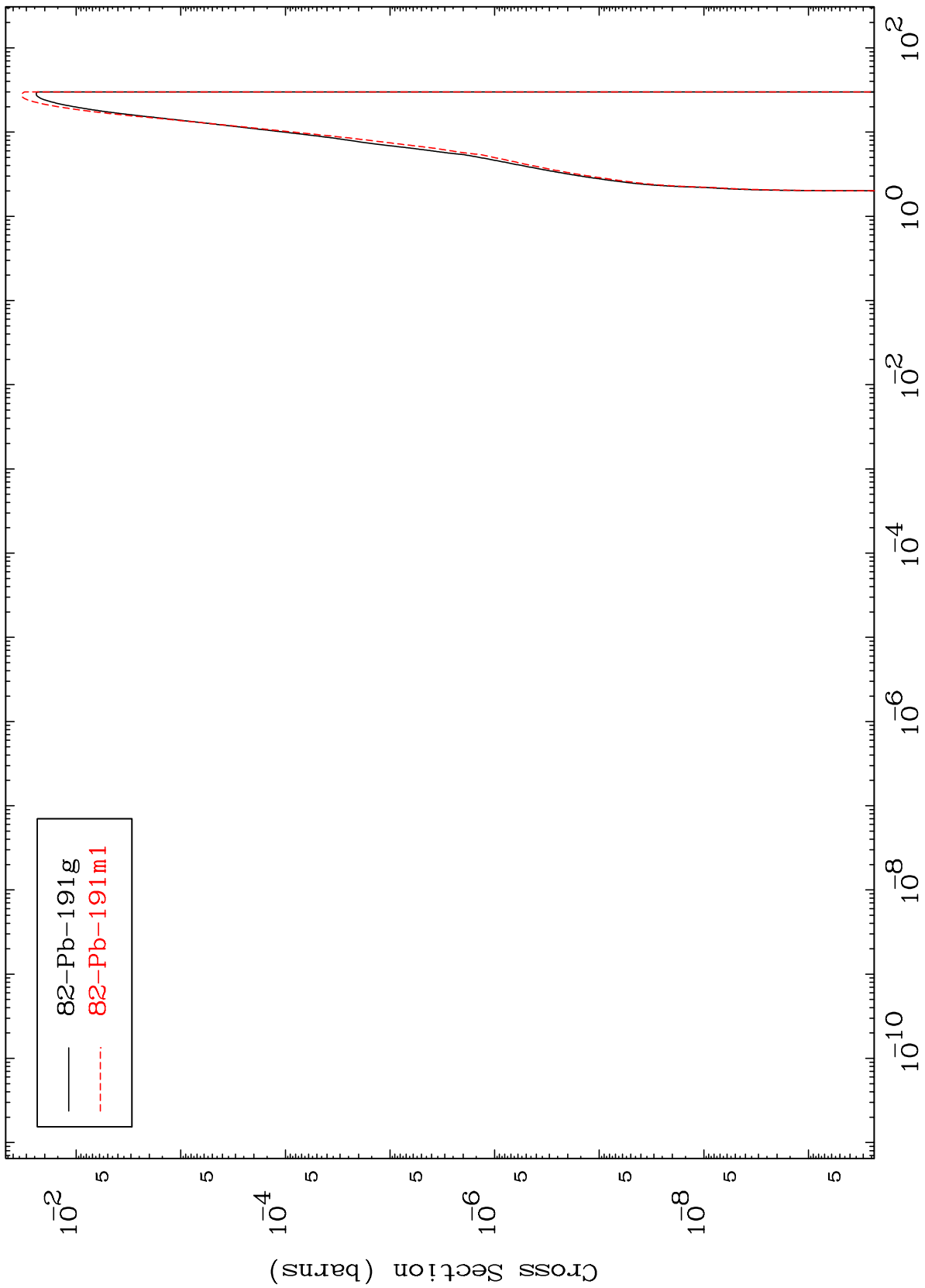
84-Po-195

MAT 8392

(n, n') α

84-Po-195

Radionuclide Production Cross Section



75

Incident Energy (MeV)

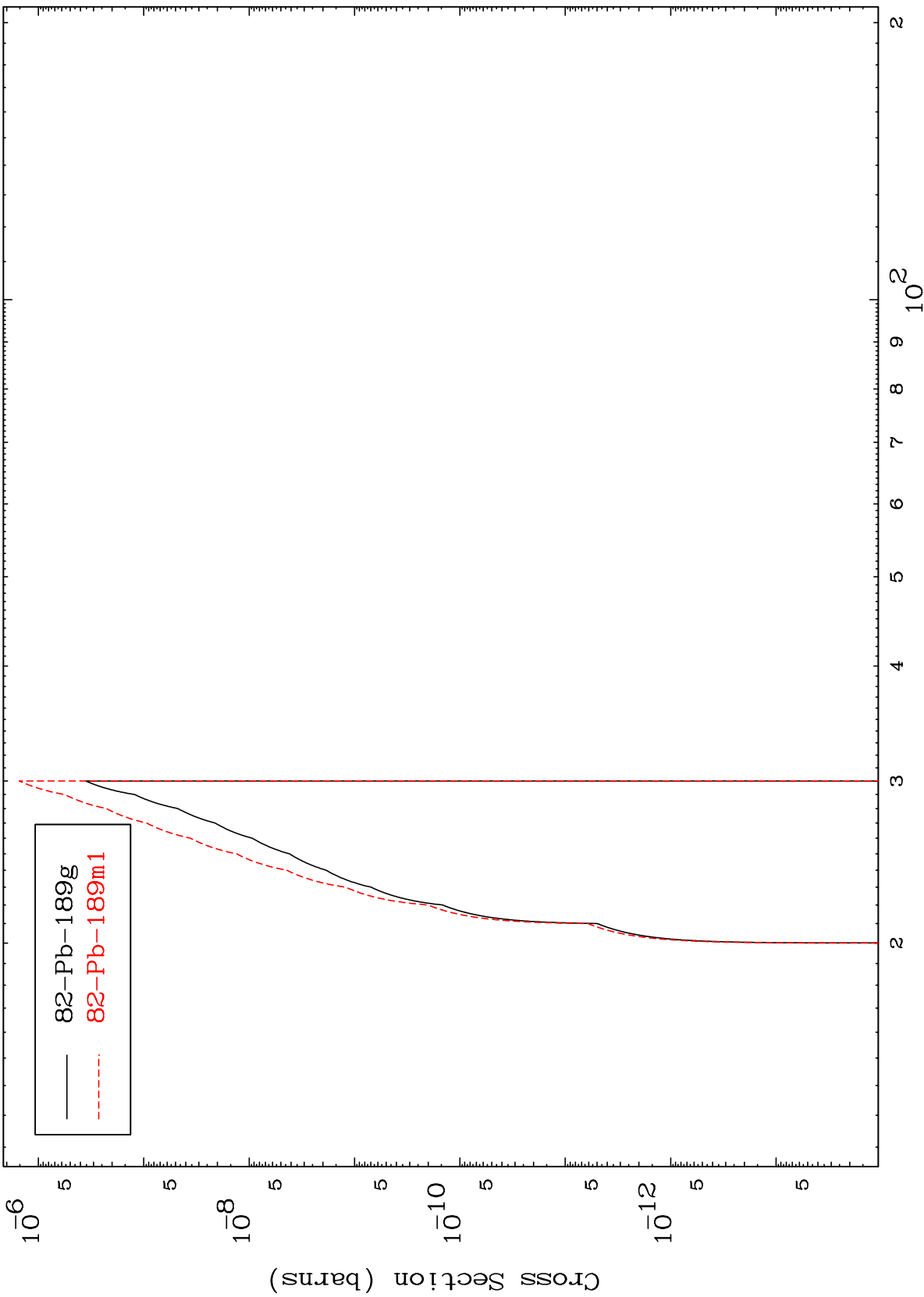
84-Po-195

MAT 8392

(n,3n) α

84-Po-195

Radionuclide Production Cross Section



76

Incident Energy (MeV)

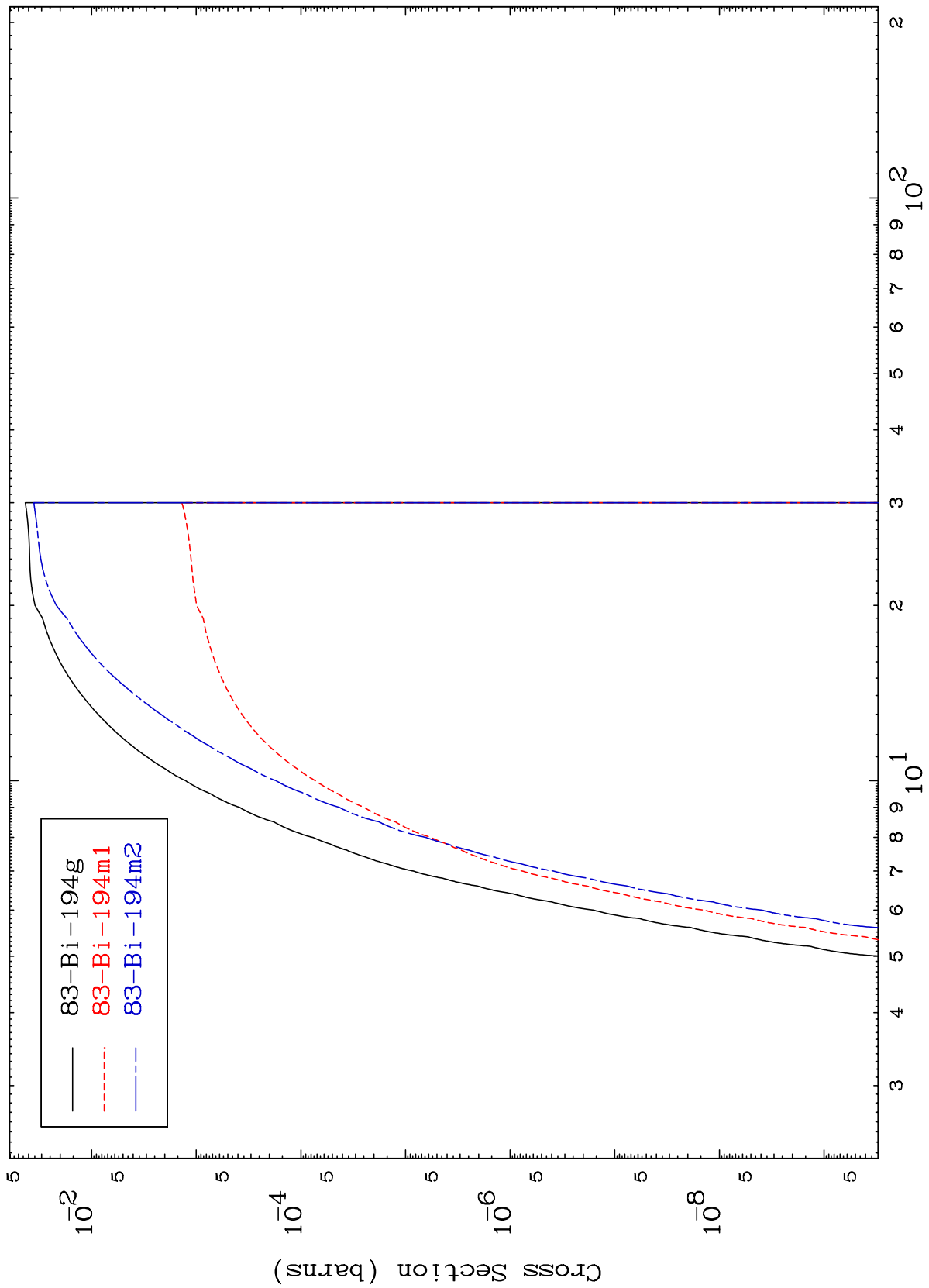
84-Po-195

MAT 8392

84-Po-195

(n,n') p

Radionuclide Production Cross Section



84-Po-195

Incident Energy (MeV)

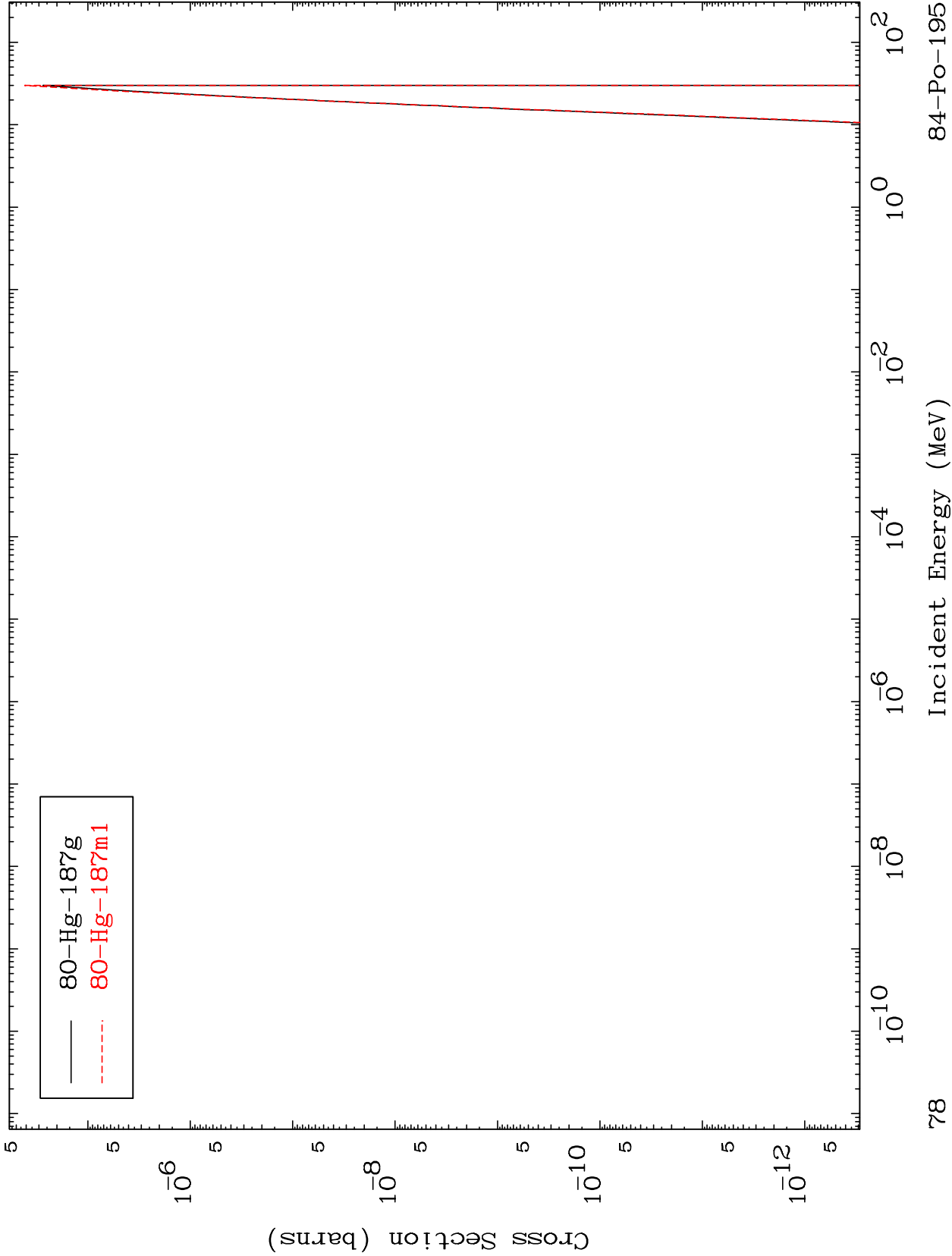
77

MAT 8392

(n,n') 2 α

84-Po-195

Radionuclide Production Cross Section



78

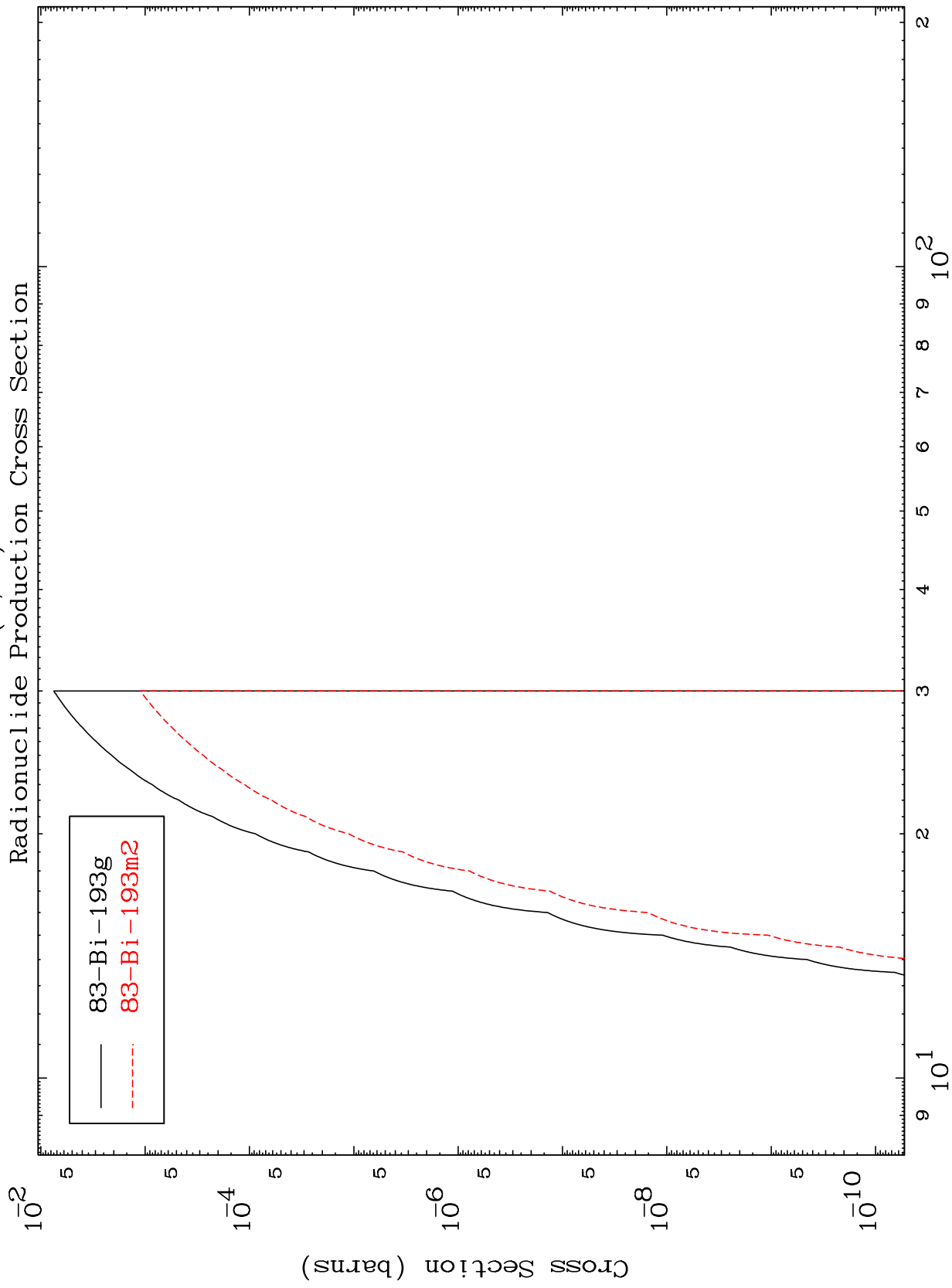
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,n') d

84-Po-195



79

Incident Energy (MeV)

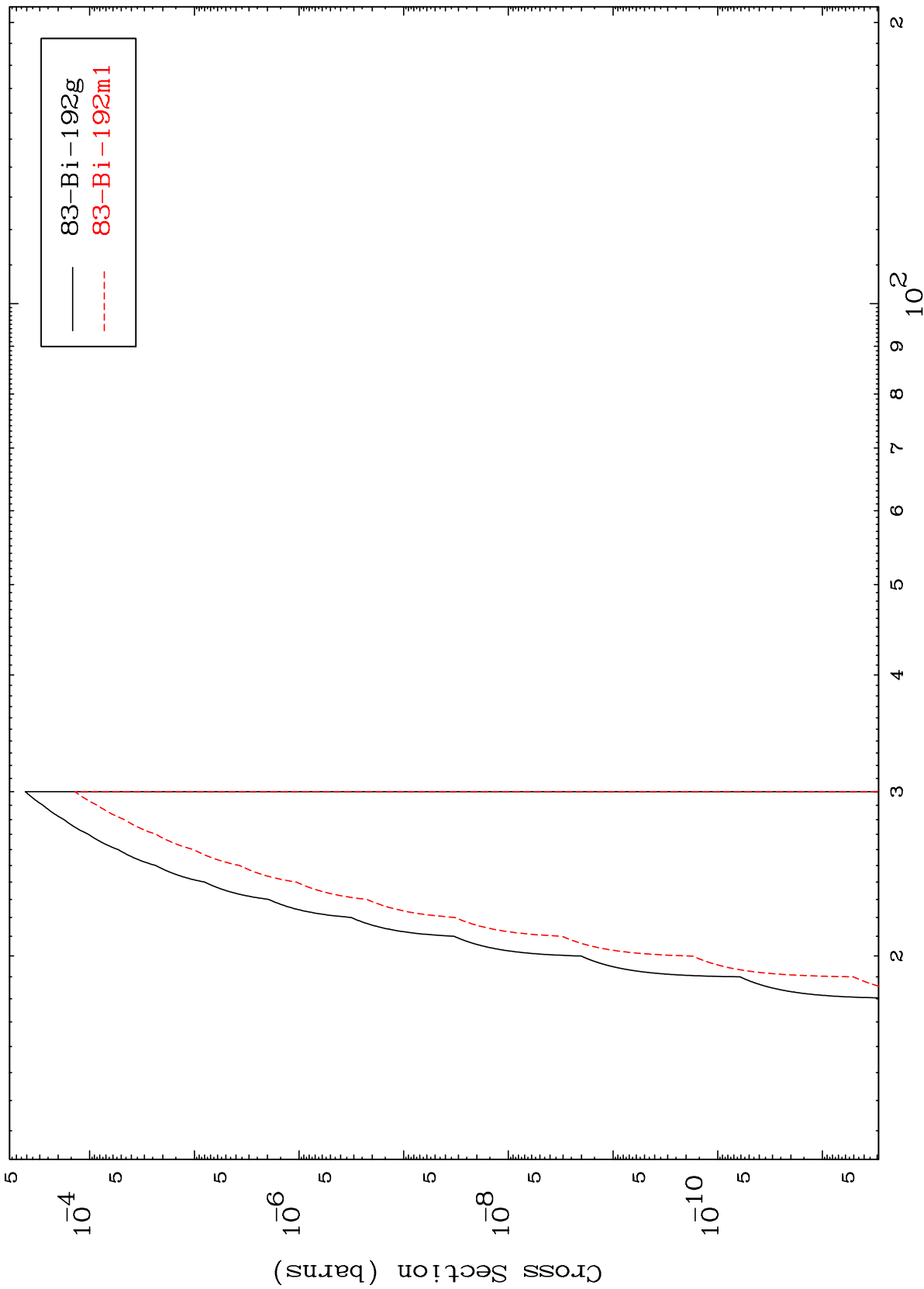
84-Po-195

MAT 8392

(n,n') t

84-Po-195

Radionuclide Production Cross Section



80

Incident Energy (MeV)

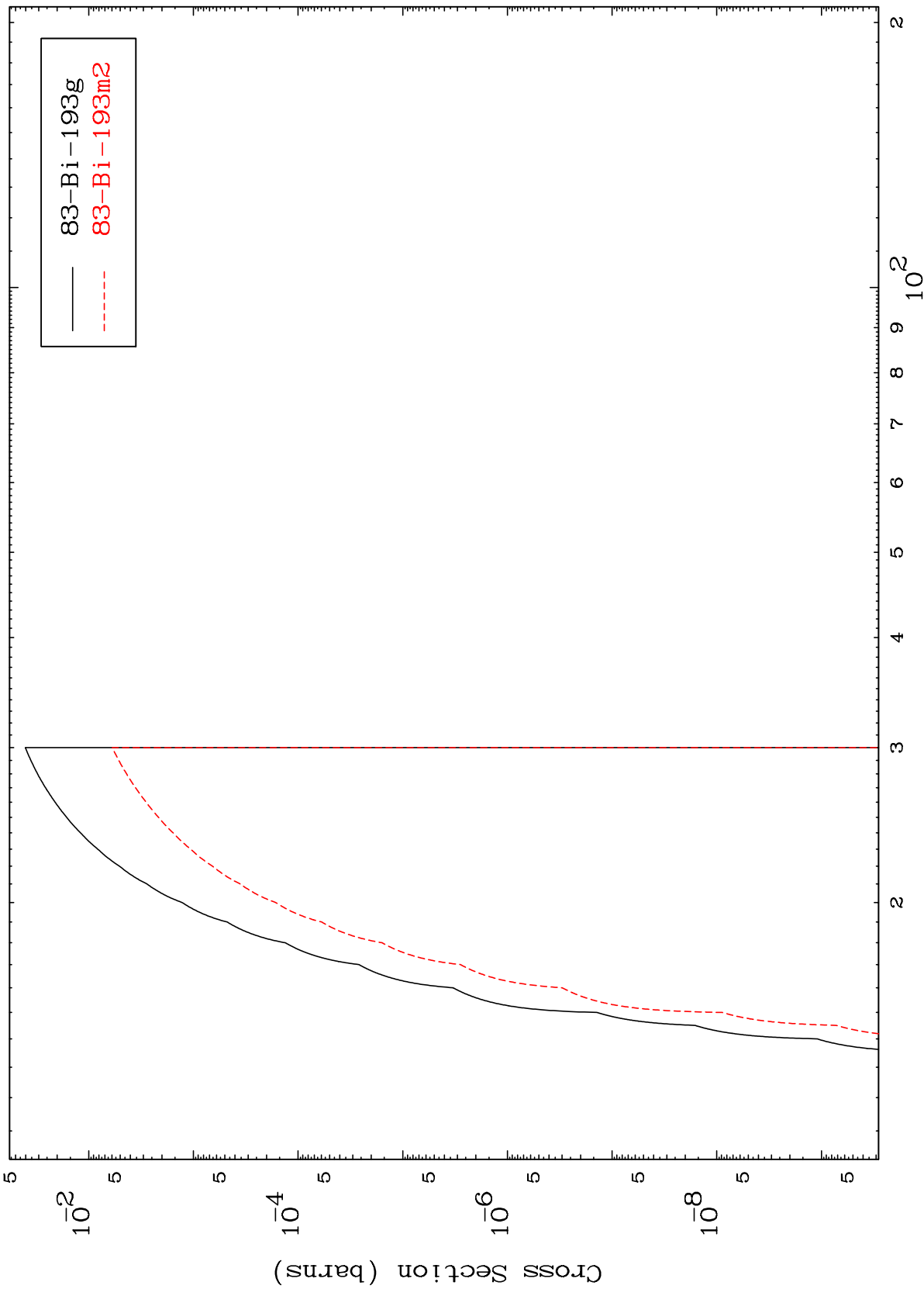
84-Po-195

MAT 8392

(n,2n) p

84-Po-195

Radionuclide Production Cross Section



81

Incident Energy (MeV)

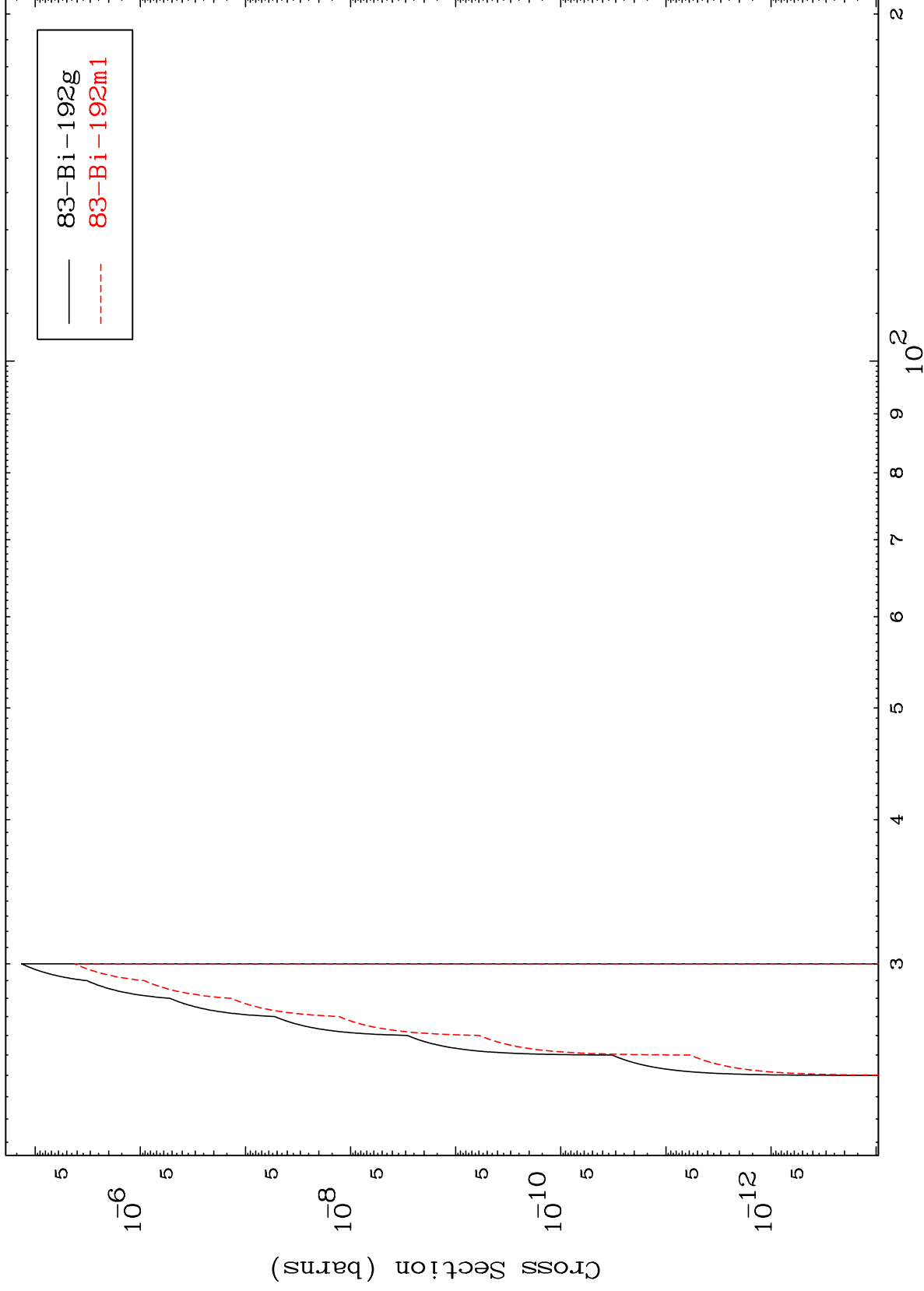
84-Po-195

MAT 8392

(n,3n) p

84-Po-195

Radionuclide Production Cross Section



82

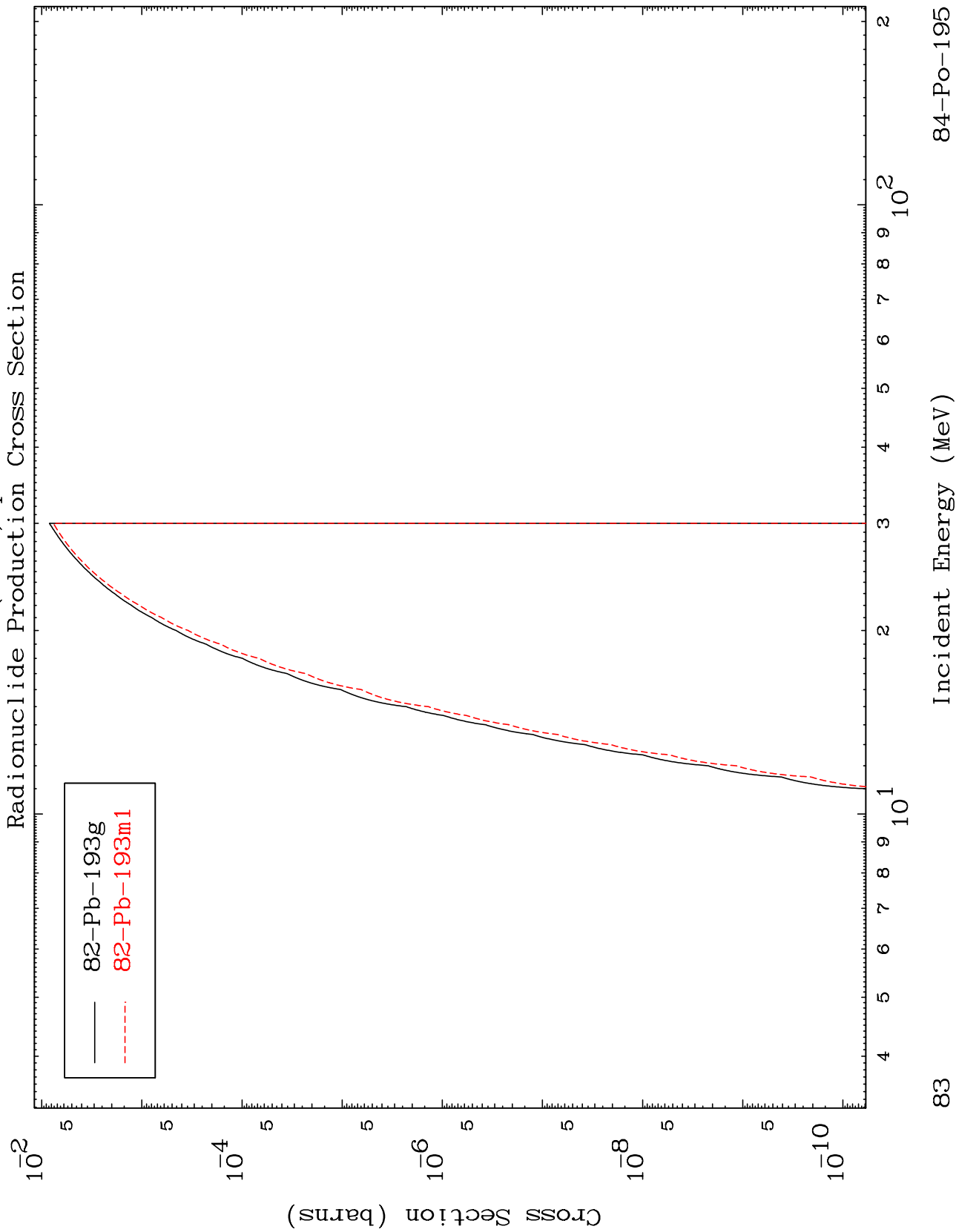
Incident Energy (MeV)

84-Po-195

MAT 8392

(n,2n) p

84-Po-195



83

Incident Energy (MeV)

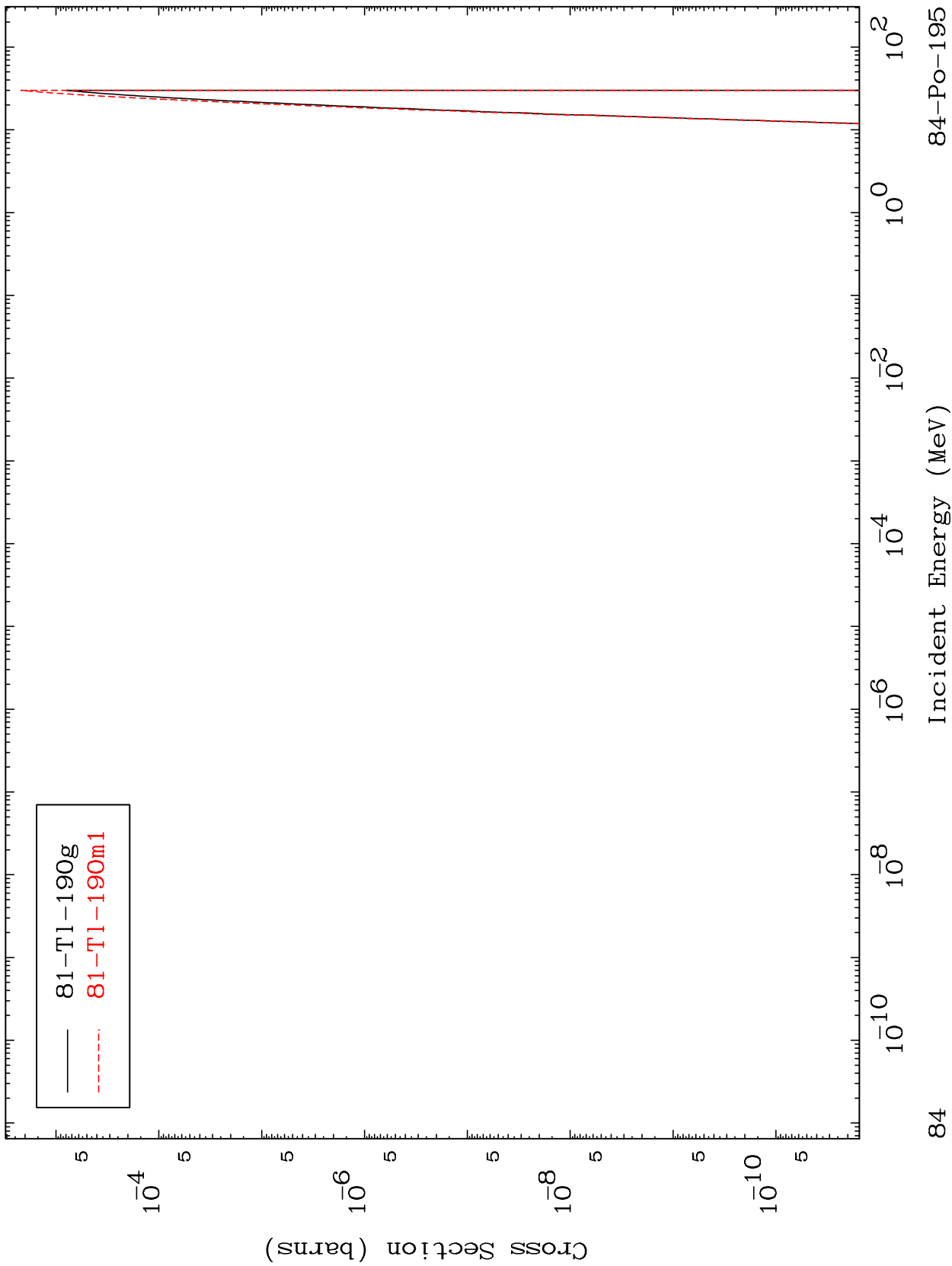
84-Po-195

MAT 8392

(n,n') p α

84-Po-195

Radionuclide Production Cross Section

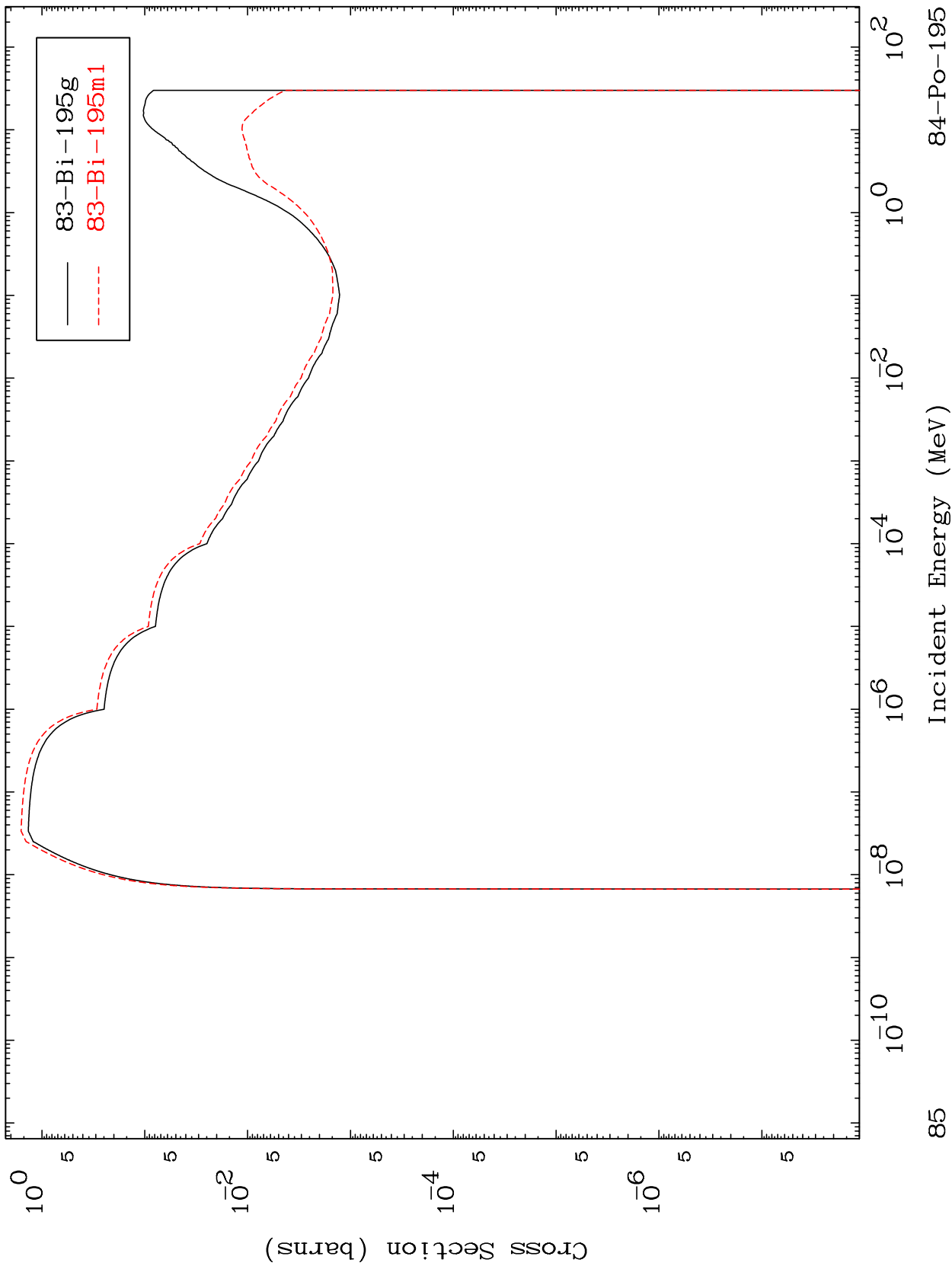


84

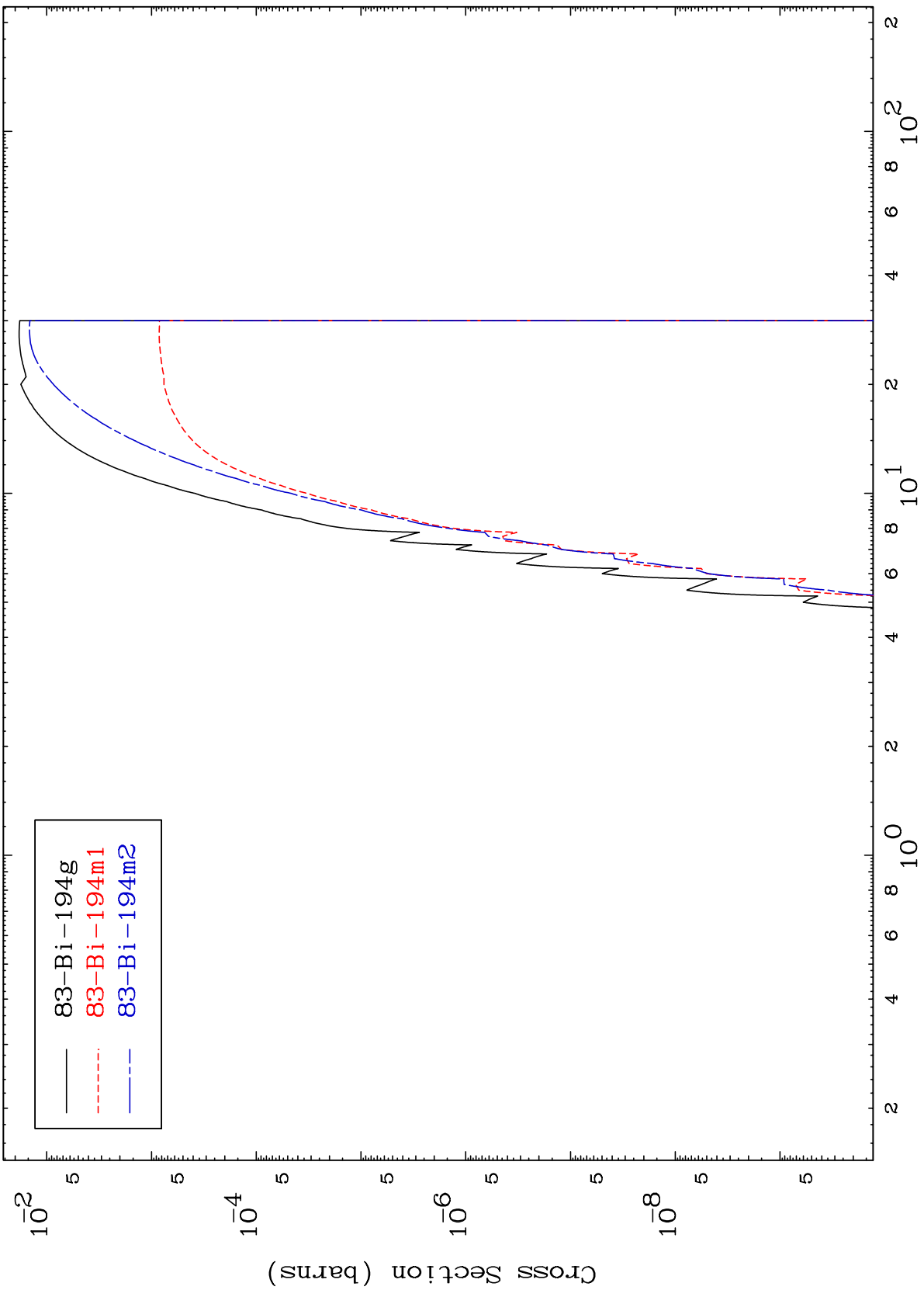
Incident Energy (MeV)

84-Po-195

(n,p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

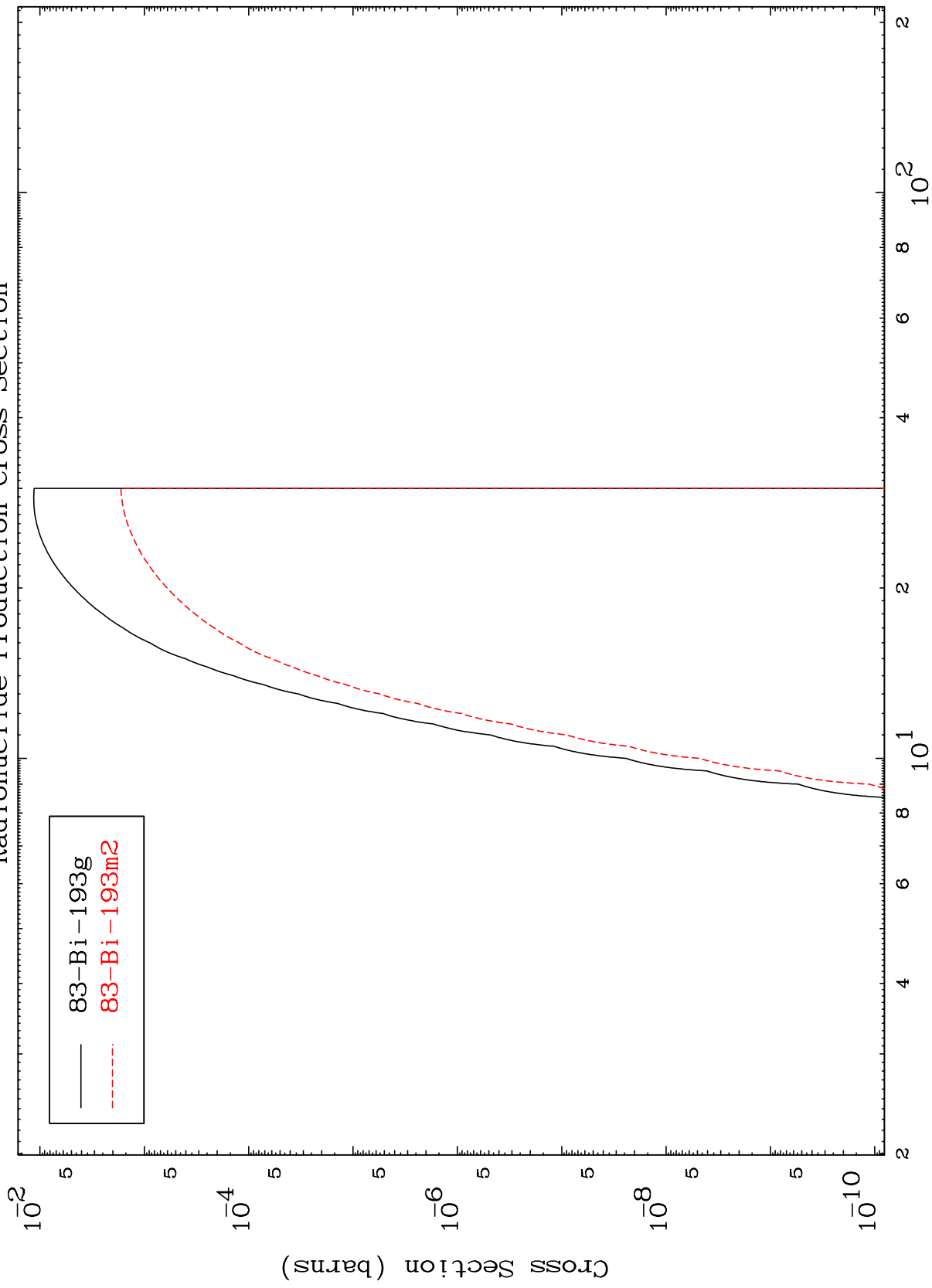


83-Bi-194g
83-Bi-194m1
83-Bi-194m2

MAT 8392

84-Po-195

Radionuclide Production Cross Section



87

Incident Energy (MeV)

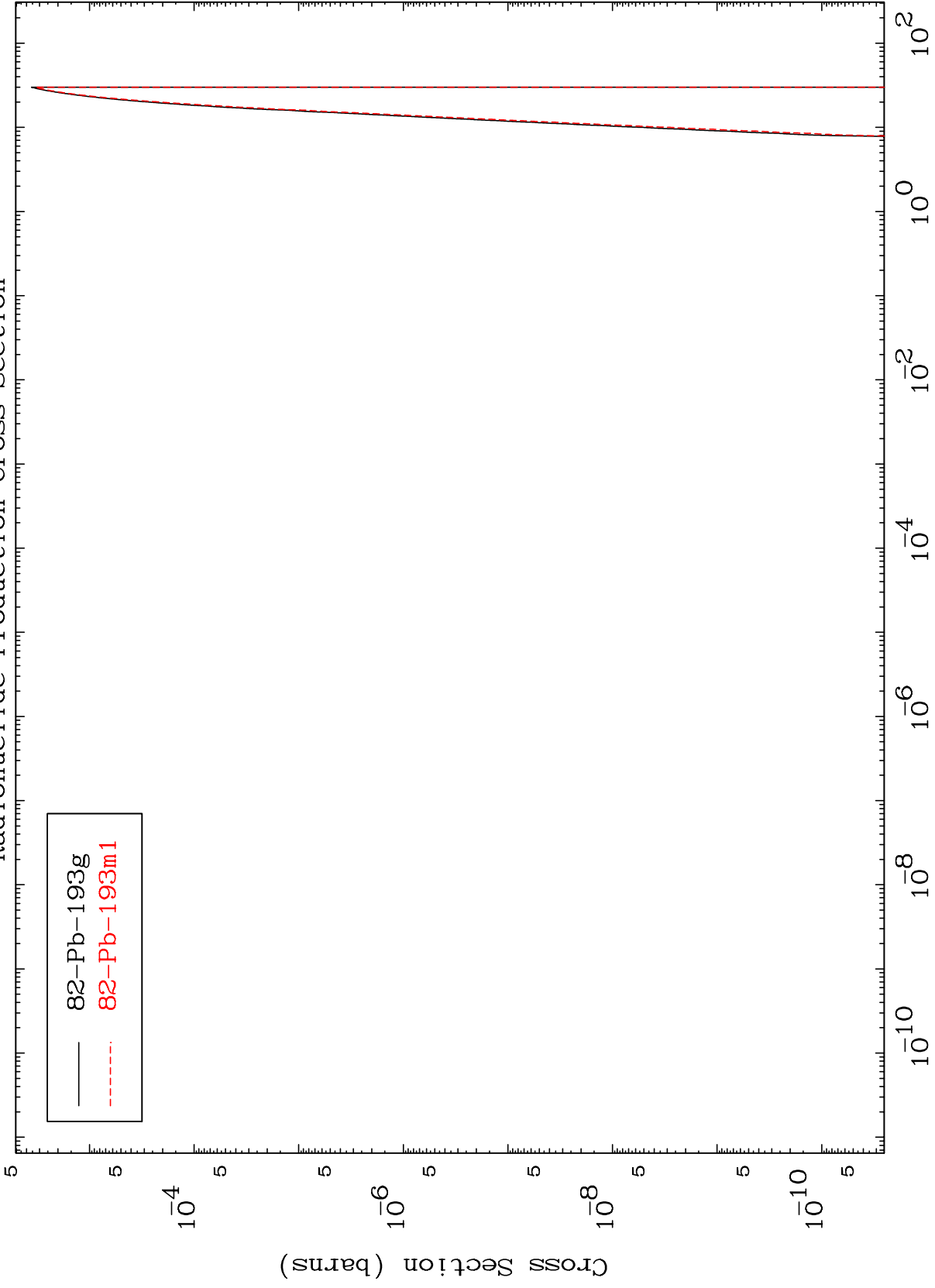
84-Po-195

MAT 8392

(n,He-3)

84-Po-195

Radionuclide Production Cross Section



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

Incident Energy (MeV)

84-Po-195

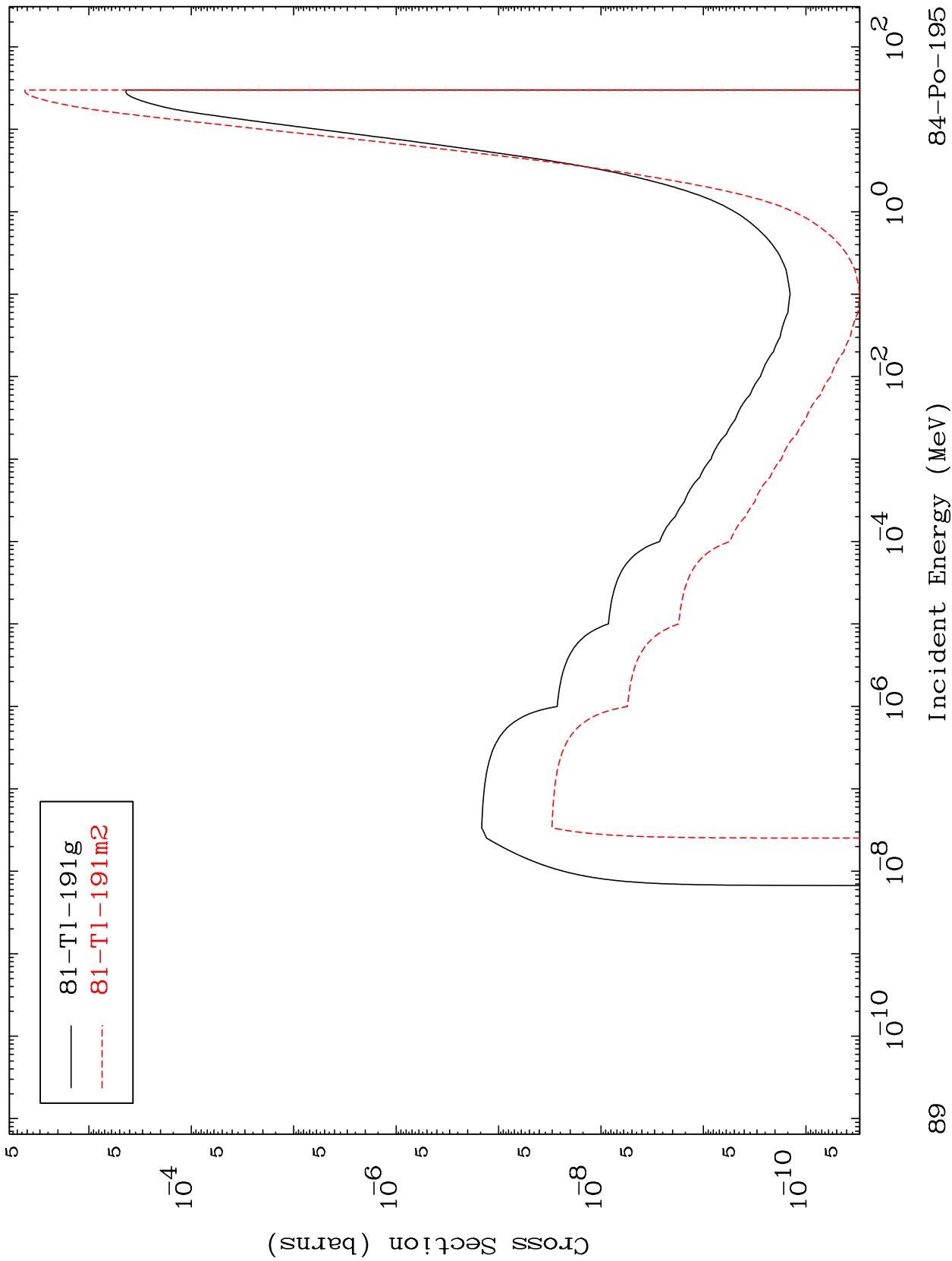
88

MAT 8392

(n,p) α

84-Po-195

Radionuclide Production Cross Section



89

Incident Energy (MeV)

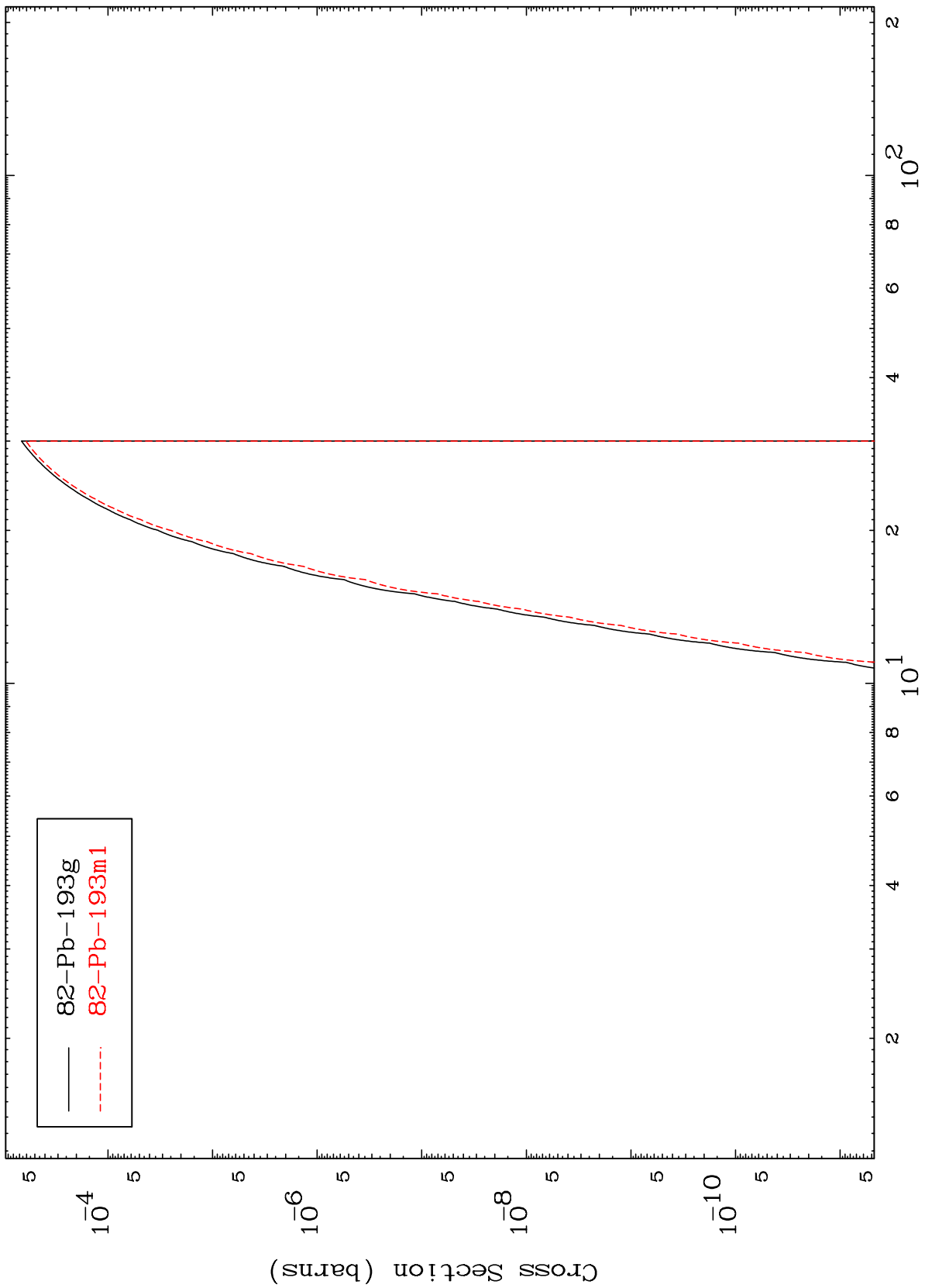
84-Po-195

MAT 8392

(n,p) d

84-Po-195

Radionuclide Production Cross Section



90

Incident Energy (MeV)

84-Po-195

MAT 8392

(n,d) α

84-Po-195

Radionuclide Production Cross Section

