

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

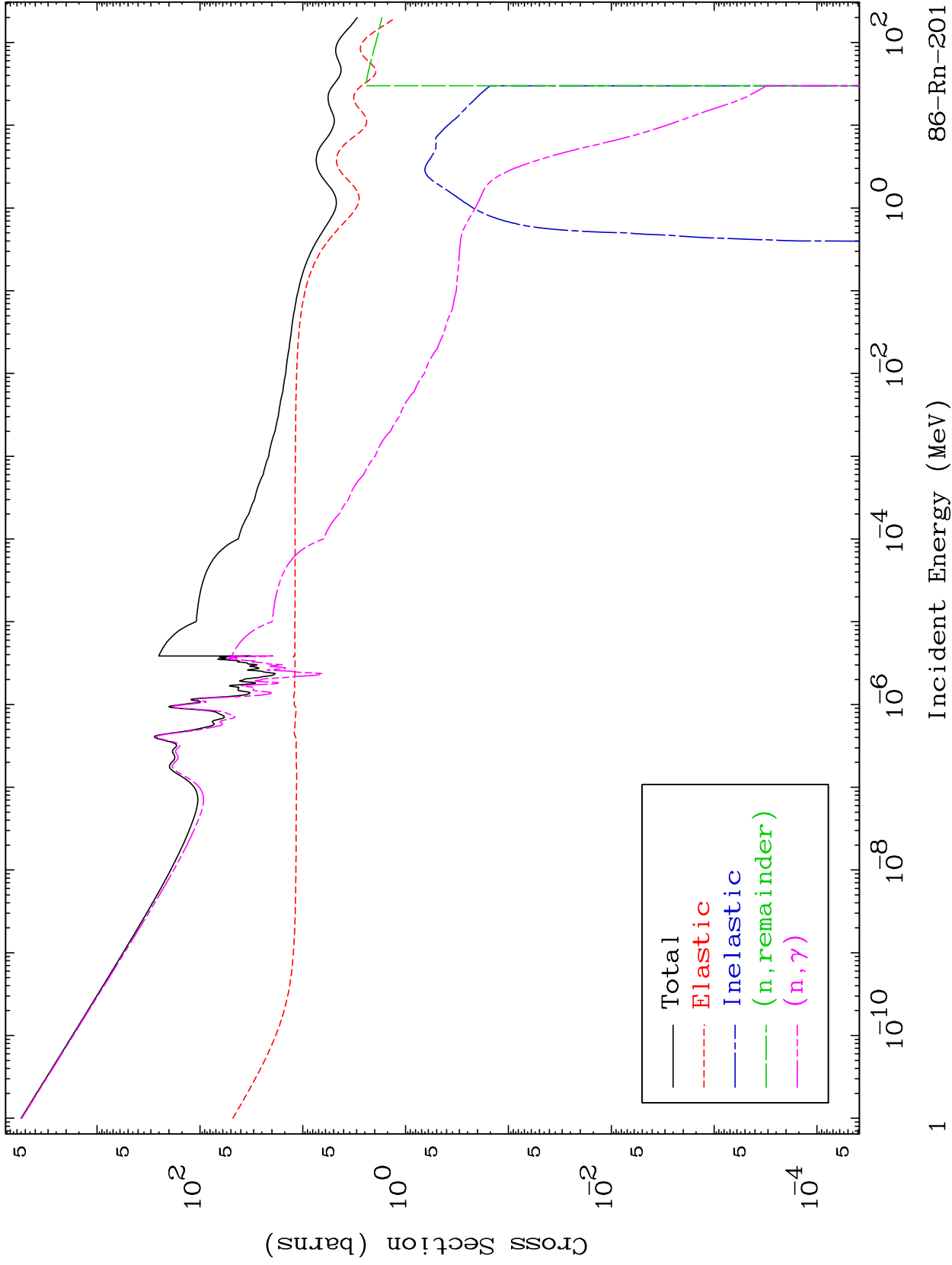
Press Mouse Button to Start

MAT 8595

Major

293 Kelvin Cross Sections

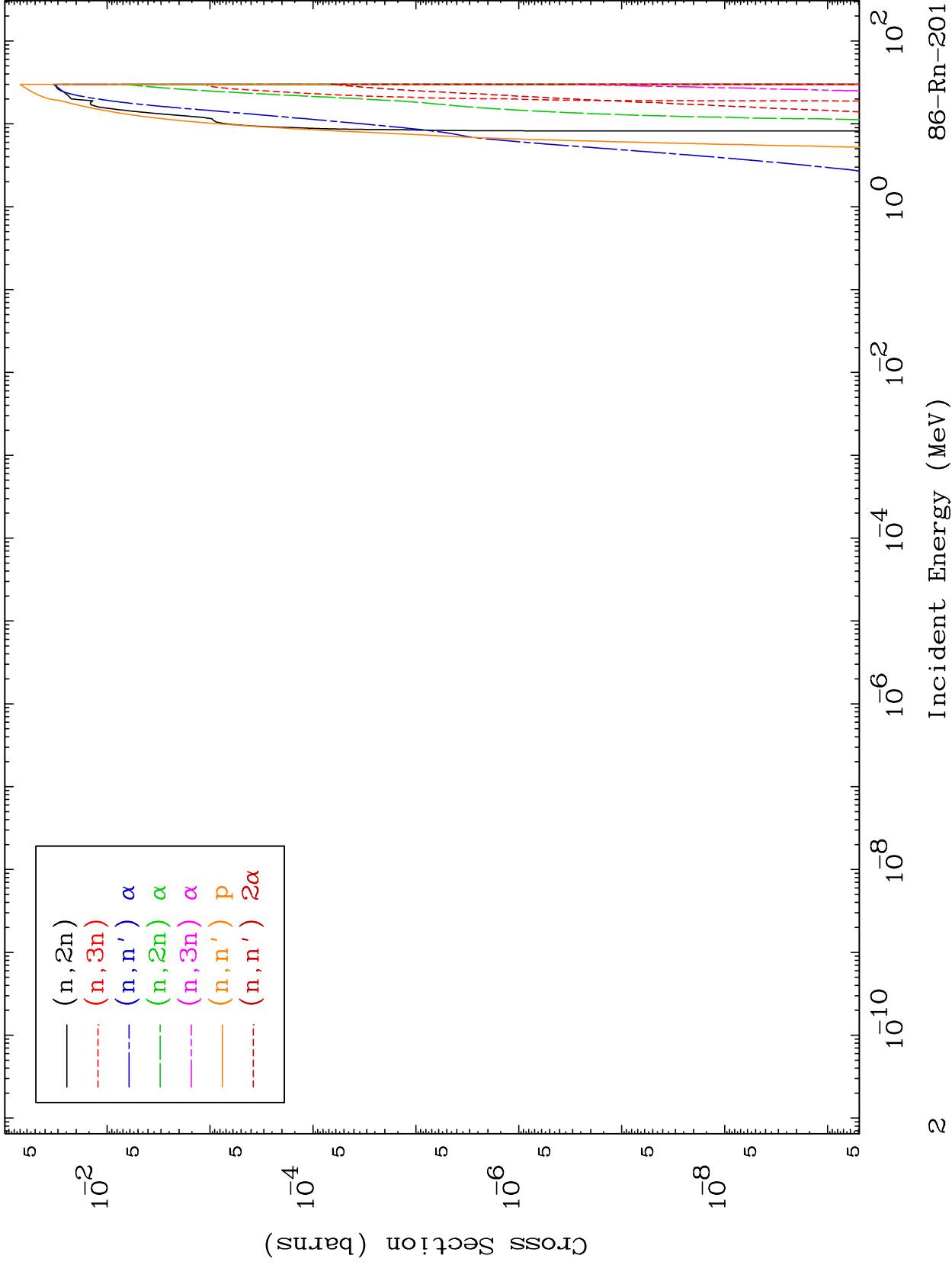
86-Rn-201



MAT 8595

Neutron Production
293 Kelvin Cross Sections

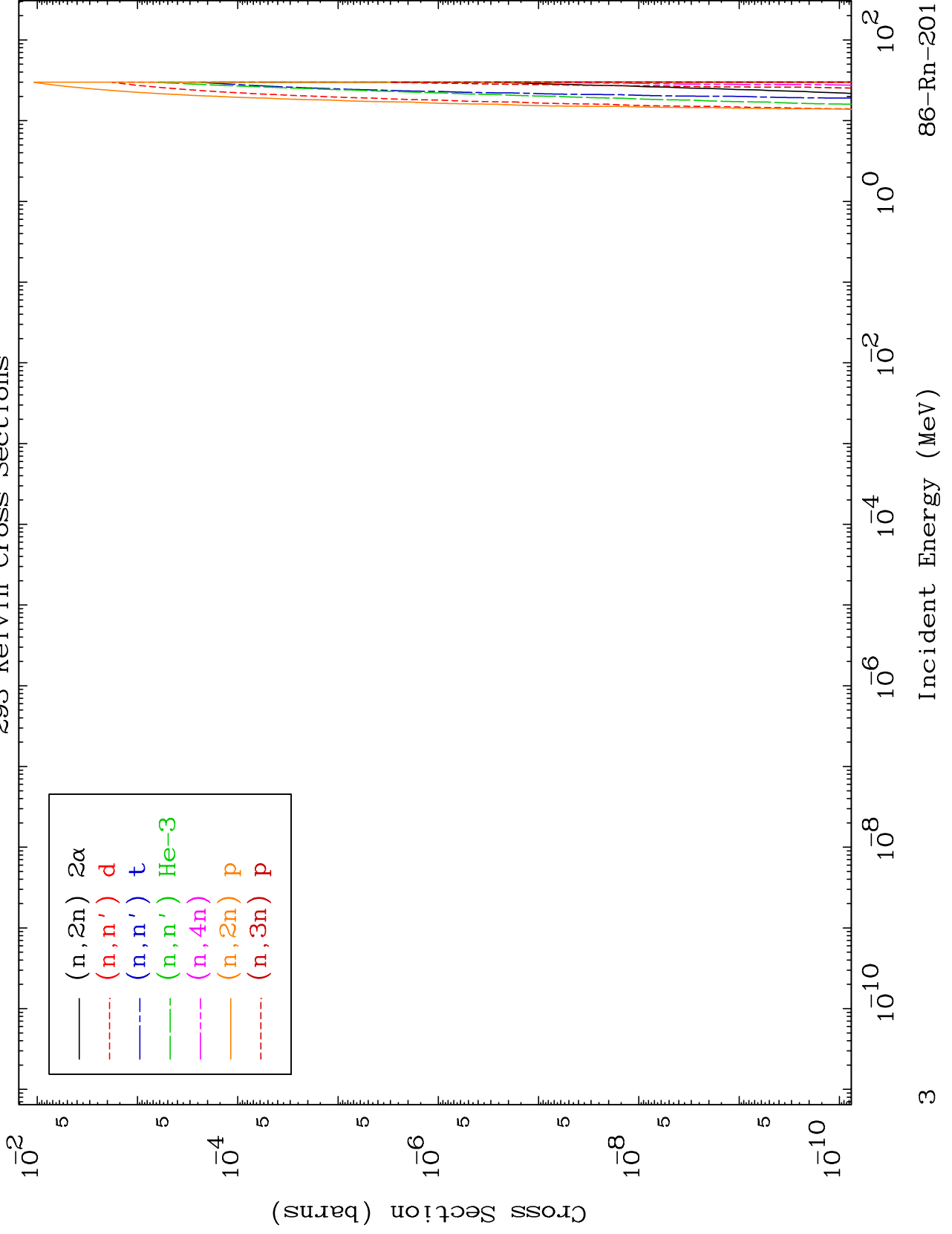
86-Rn-201



MAT 8595

Neutron Production
293 Kelvin Cross Sections

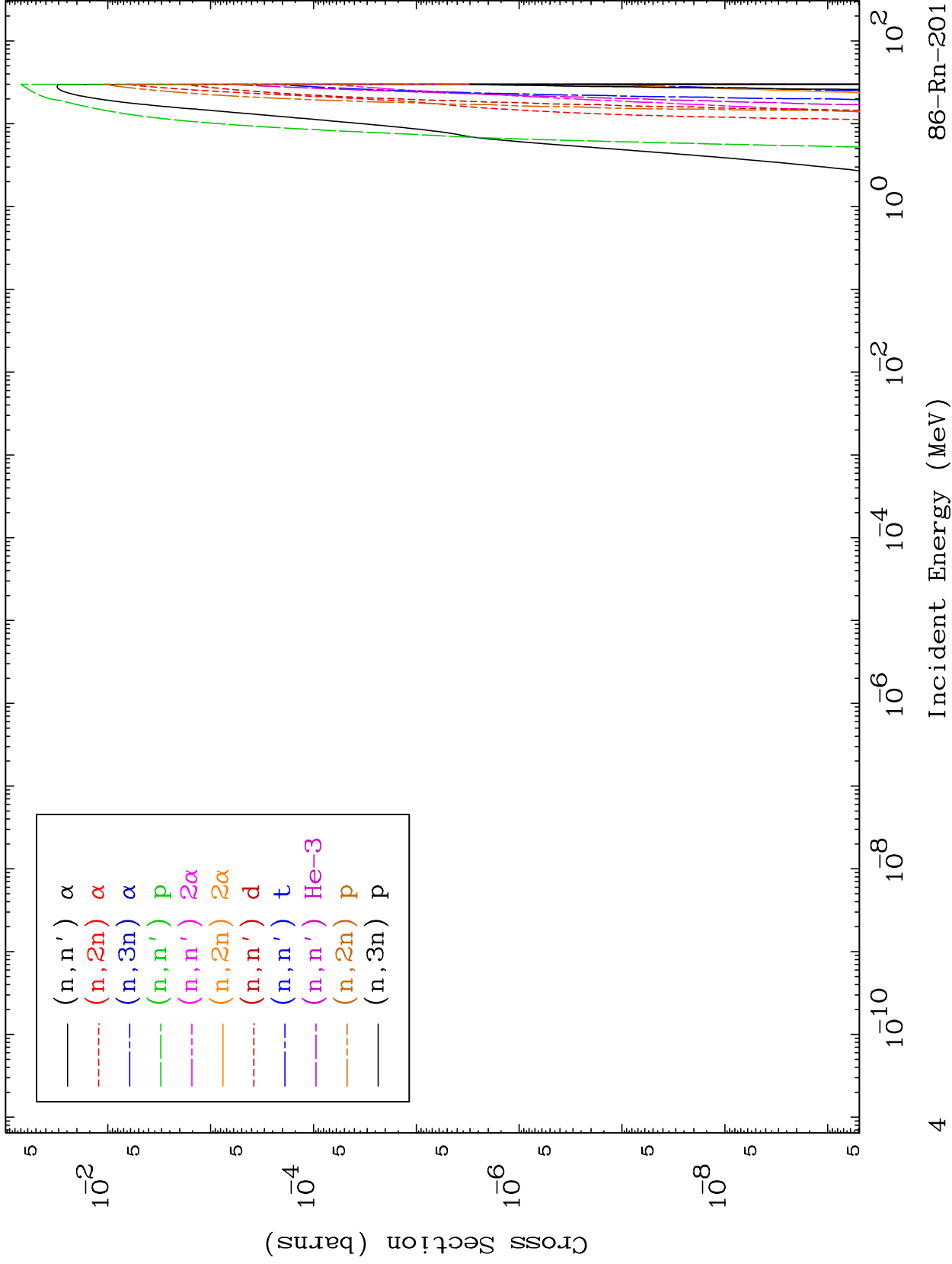
86-Rn-201



MAT 8595

Charged Particle
293 Kelvin Cross Sections

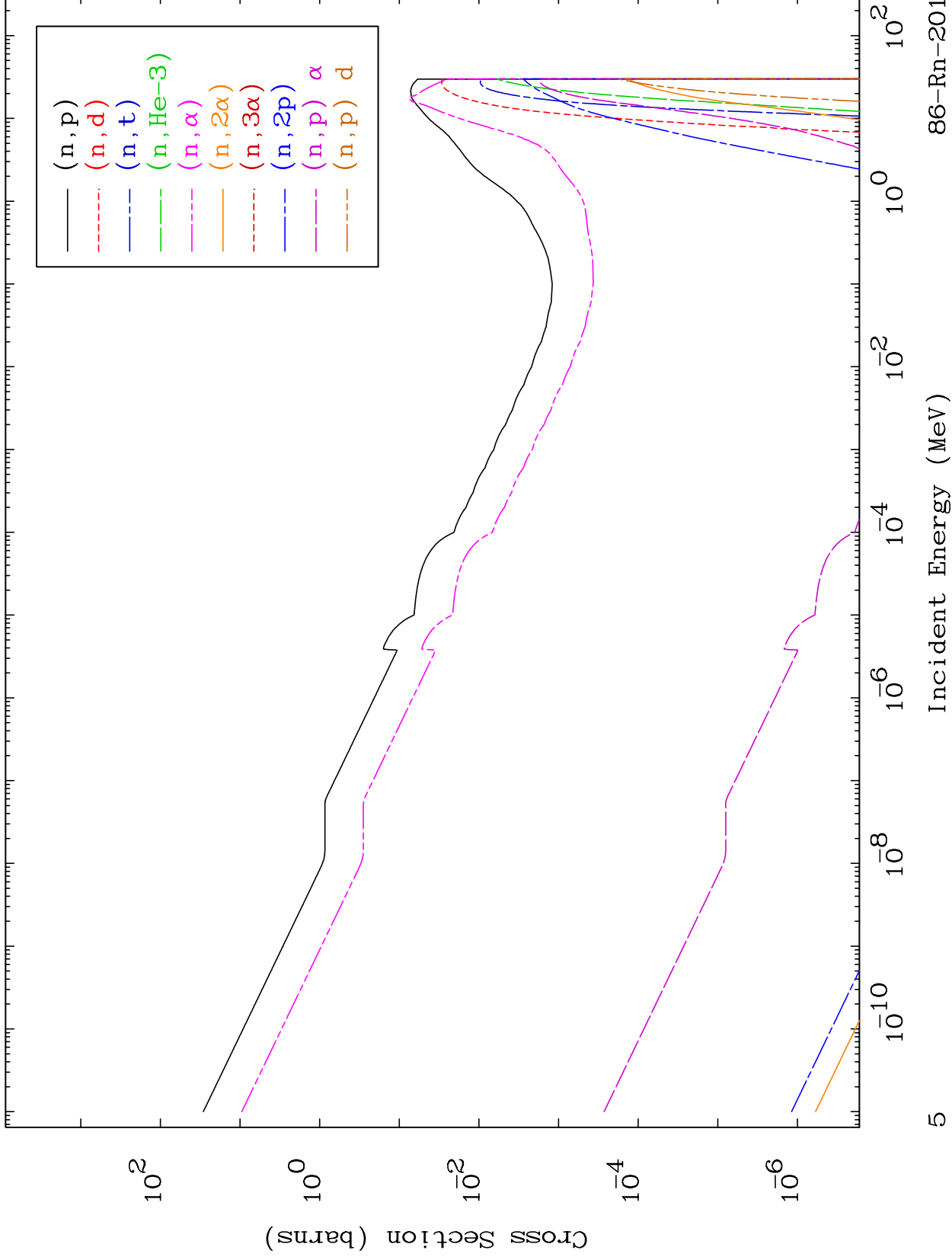
86-Rn-201



MAT 8595

Charged Particle
293 Kelvin Cross Sections

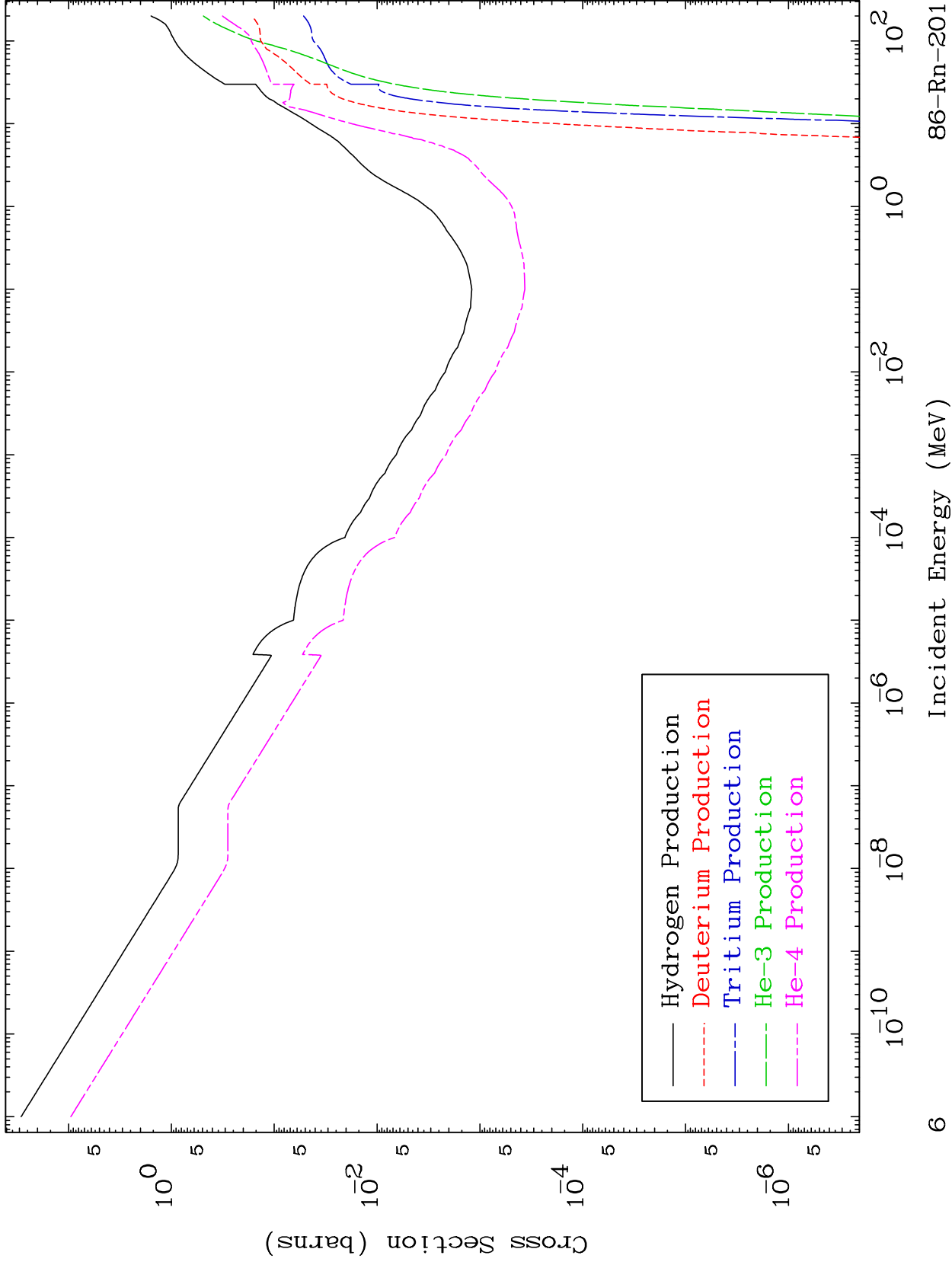
86-Rn-201



MAT 8595

Particle Production
293 Kelvin Cross Sections

86-Rn-201

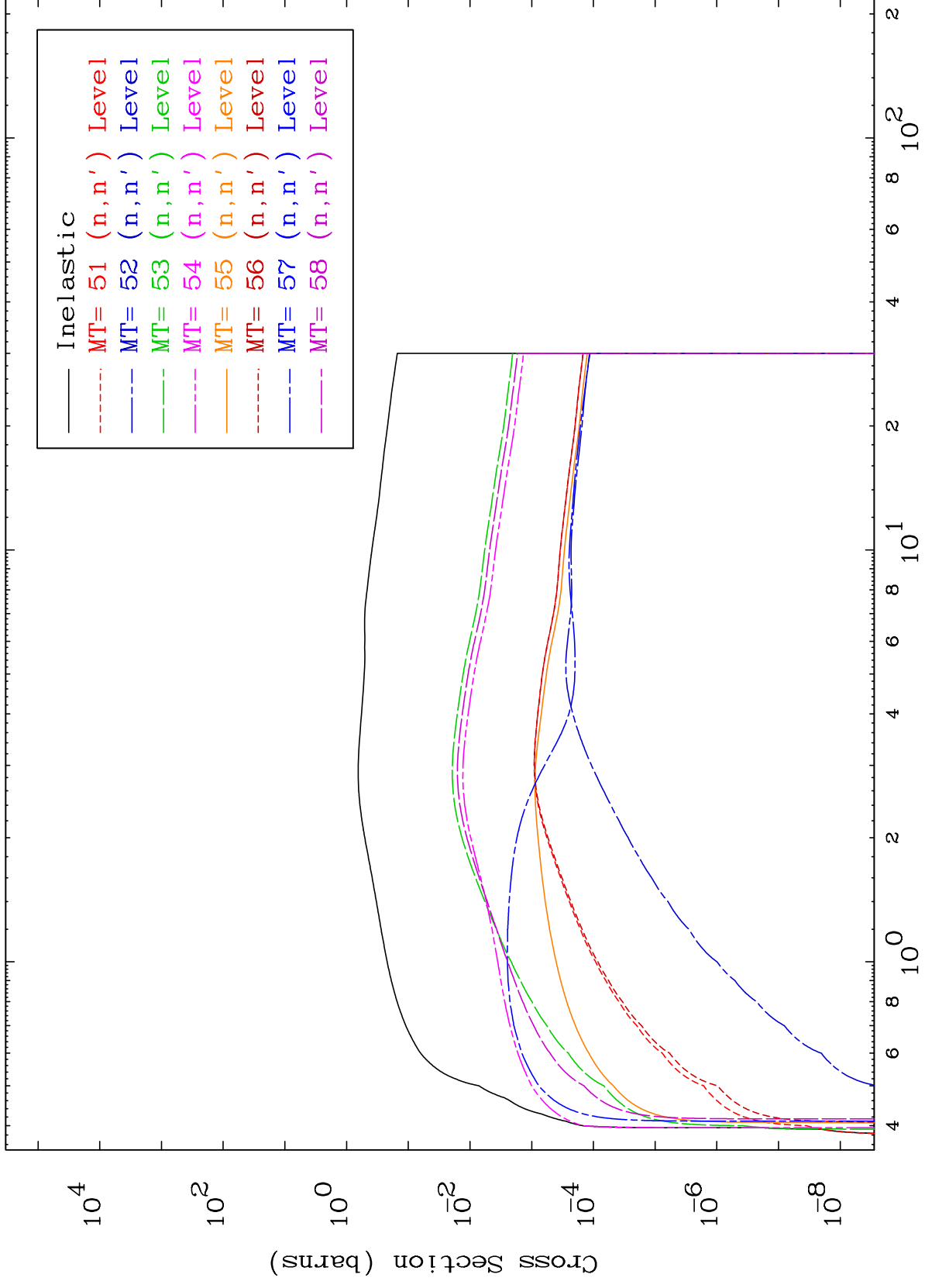


MAT 8595

(n,n') Level

86-Rn-201

293 Kelvin Cross Sections



7

Incident Energy (MeV)

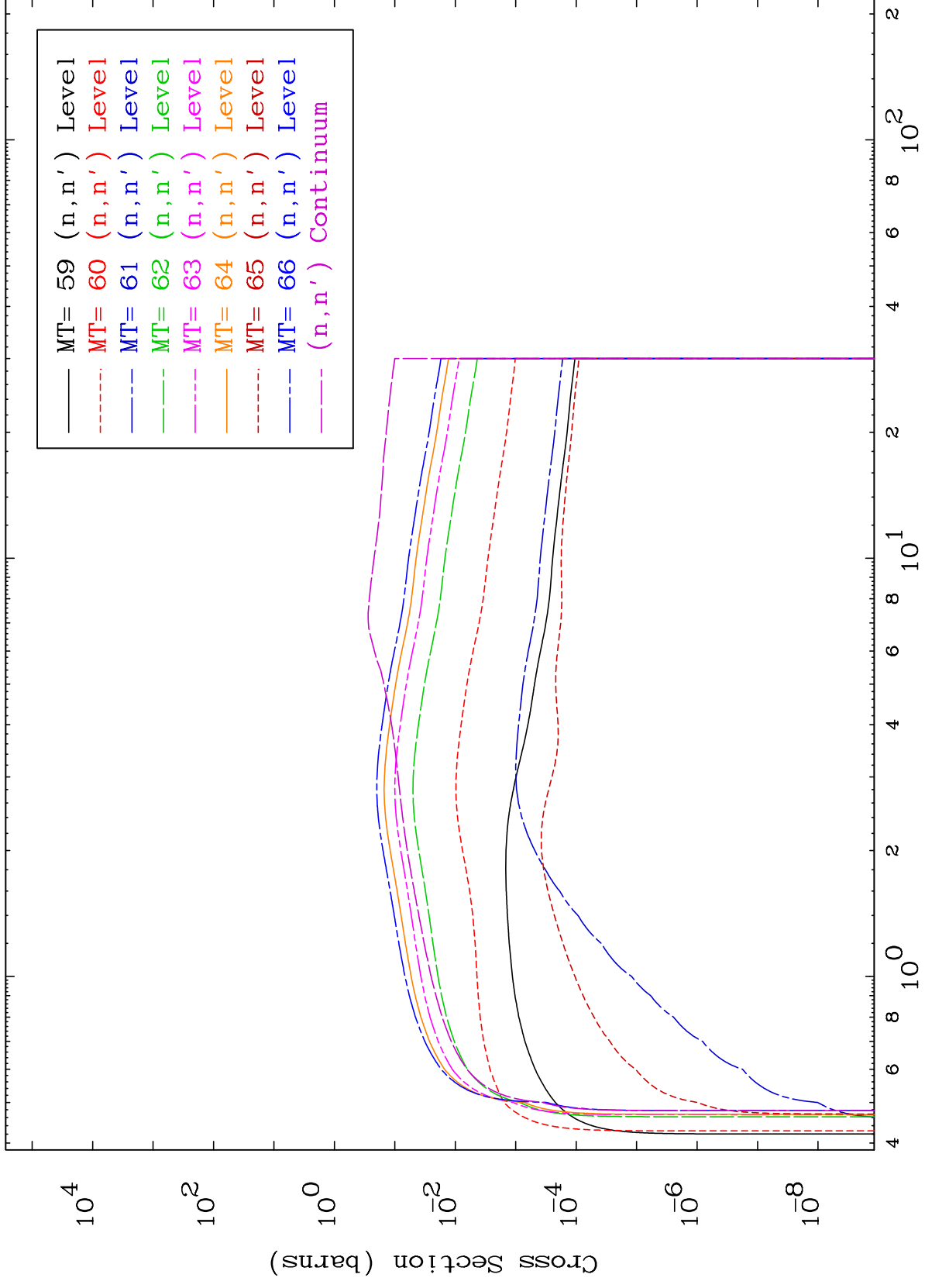
86-Rn-201

MAT 8595

(n,n') Level

86-Rn-201

293 Kelvin Cross Sections



8

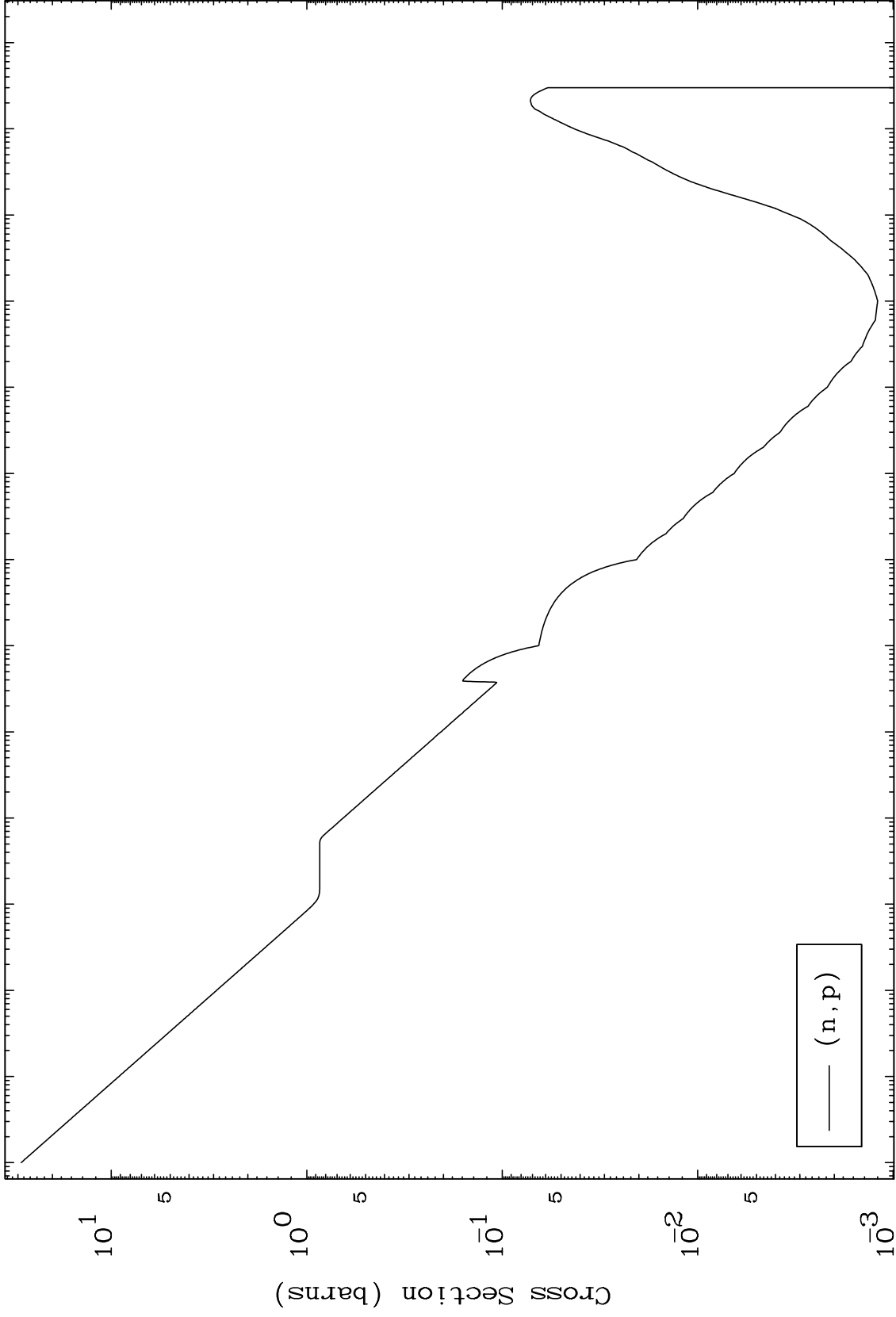
Incident Energy (MeV)

86-Rn-201

MAT 8595

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-201



(n,p)

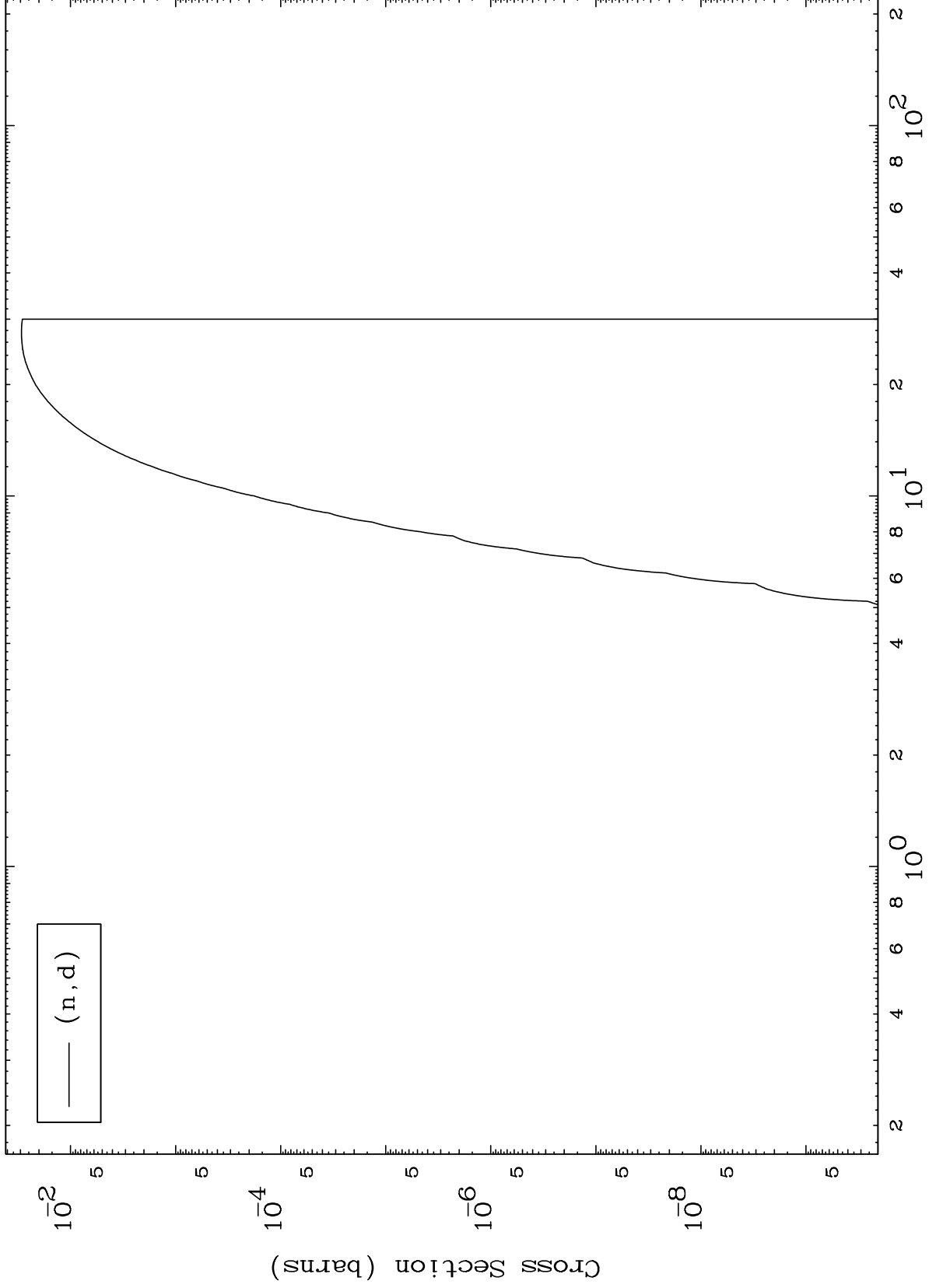
86-Rn-201

Incident Energy (MeV)

MAT 8595

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-201



10

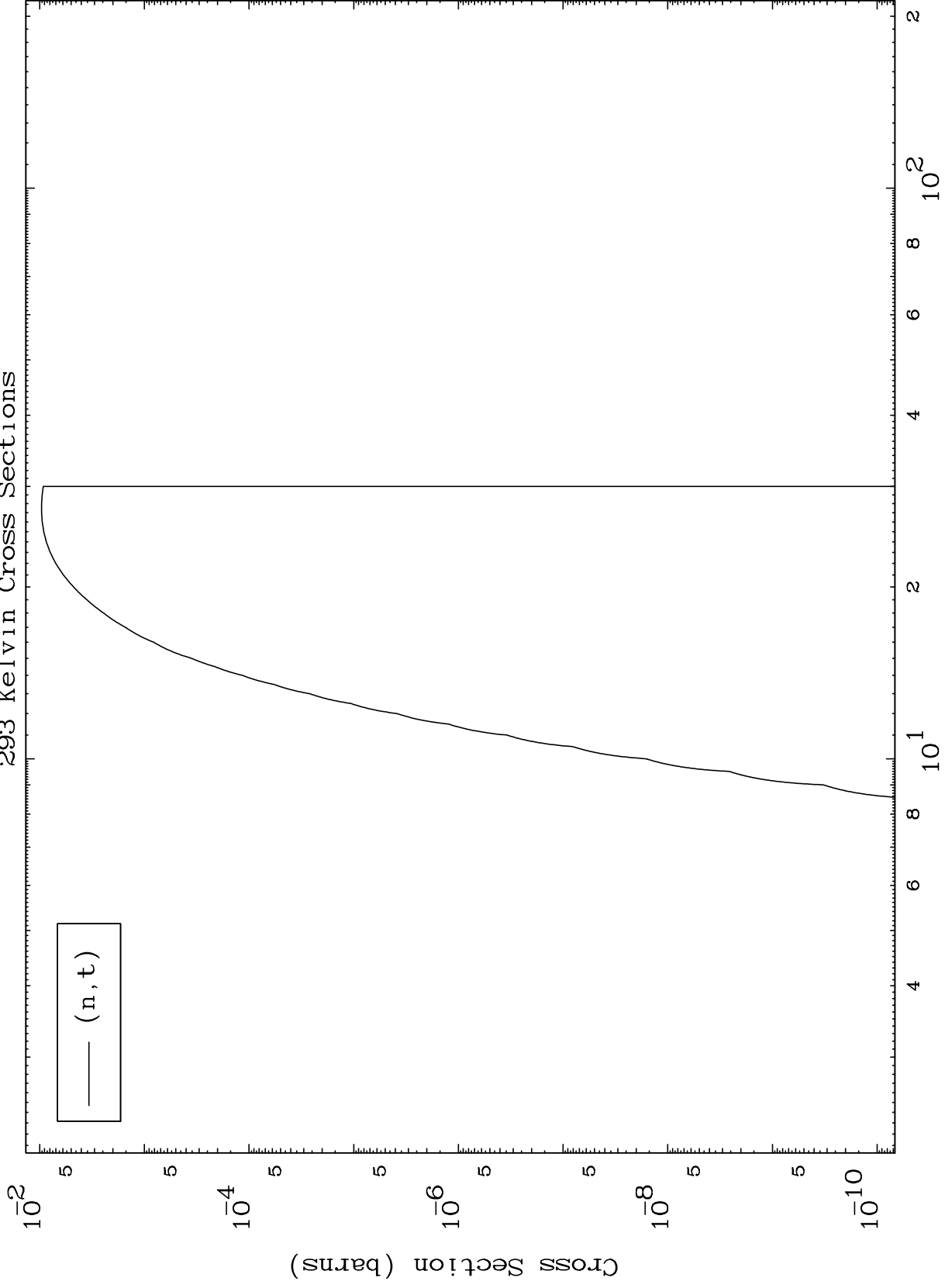
Incident Energy (MeV)

86-Rn-201

MAT 8595

(n,t) Levels
293 Kelvin Cross Sections

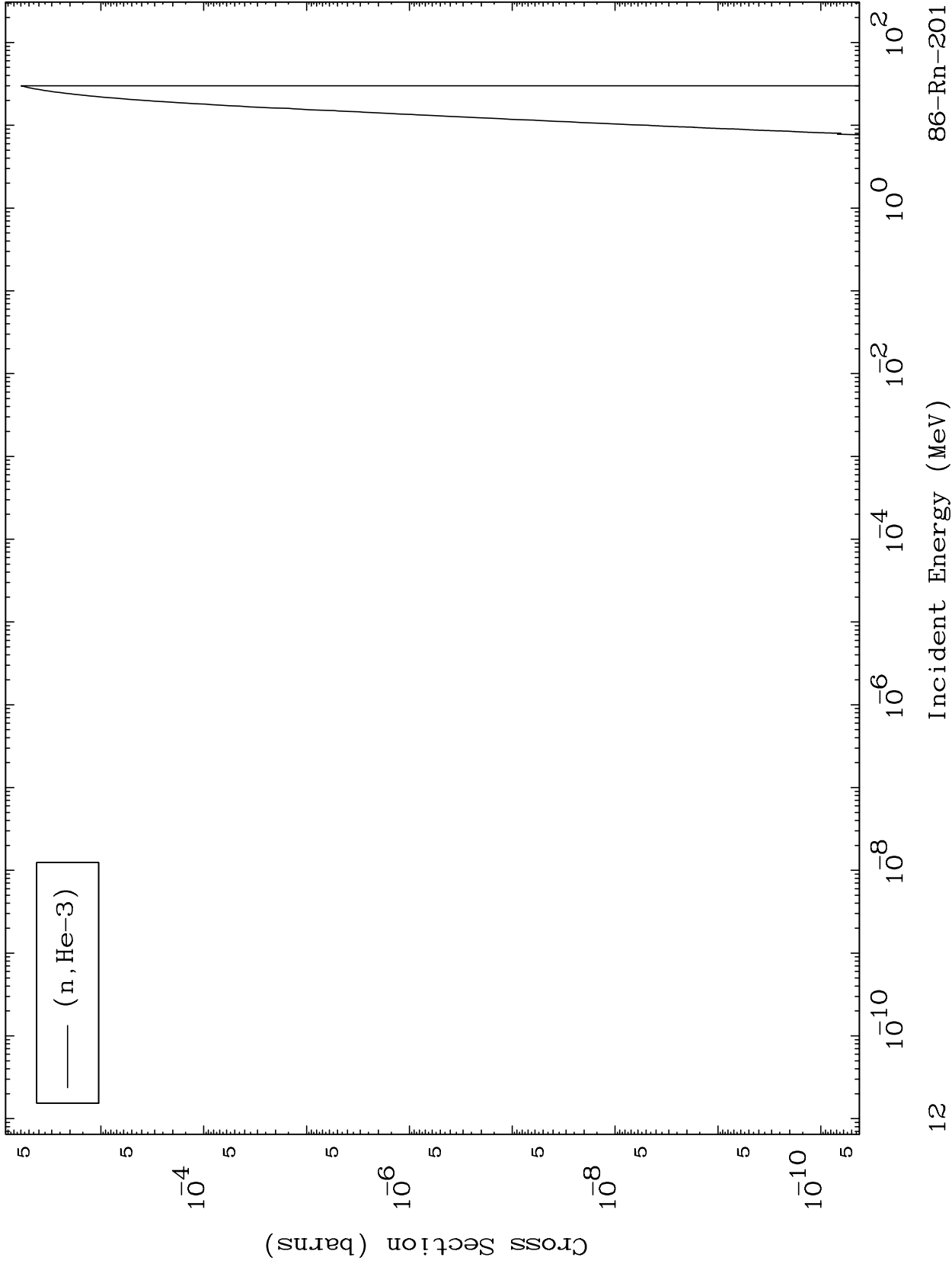
86-Rn-201

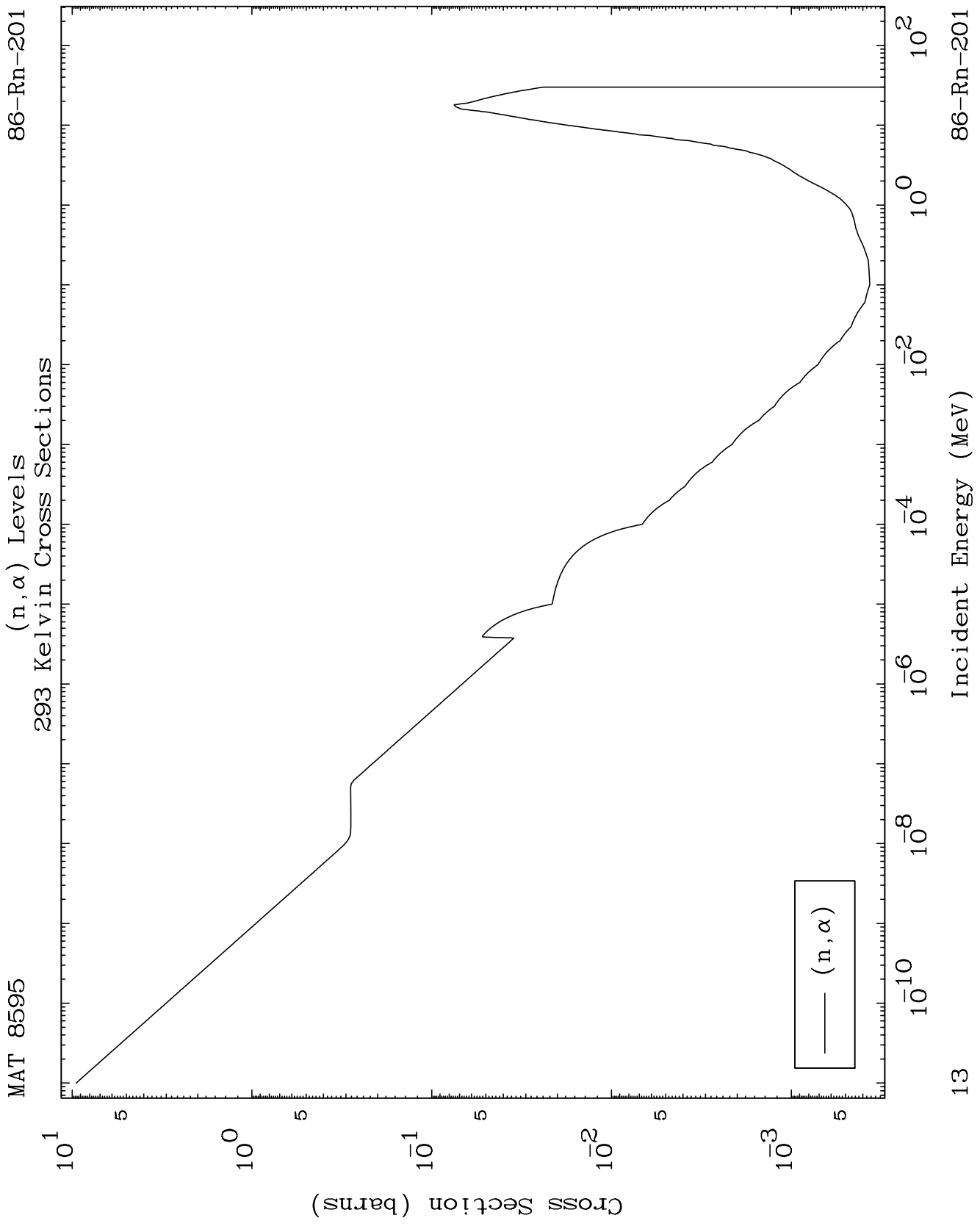


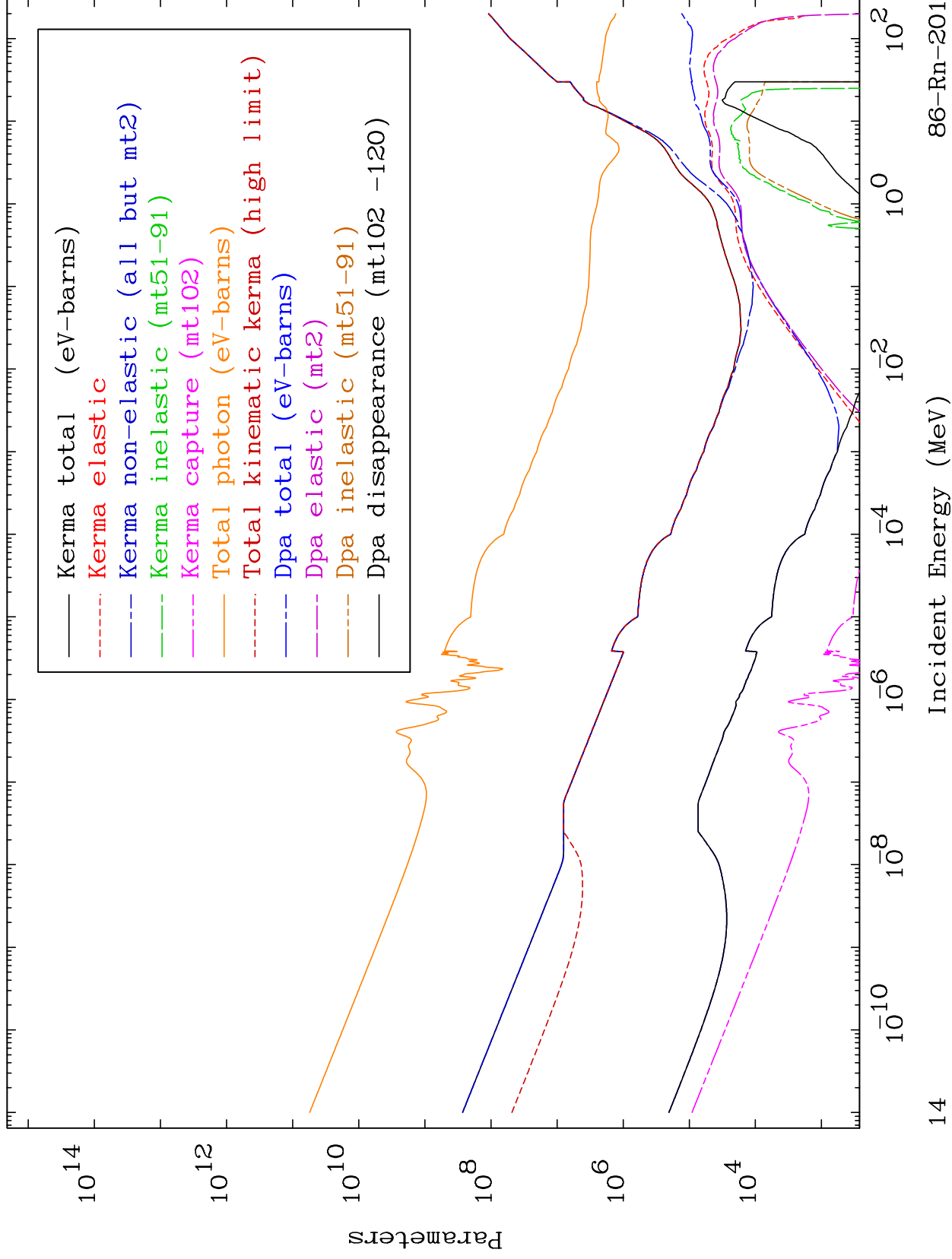
MAT 8595

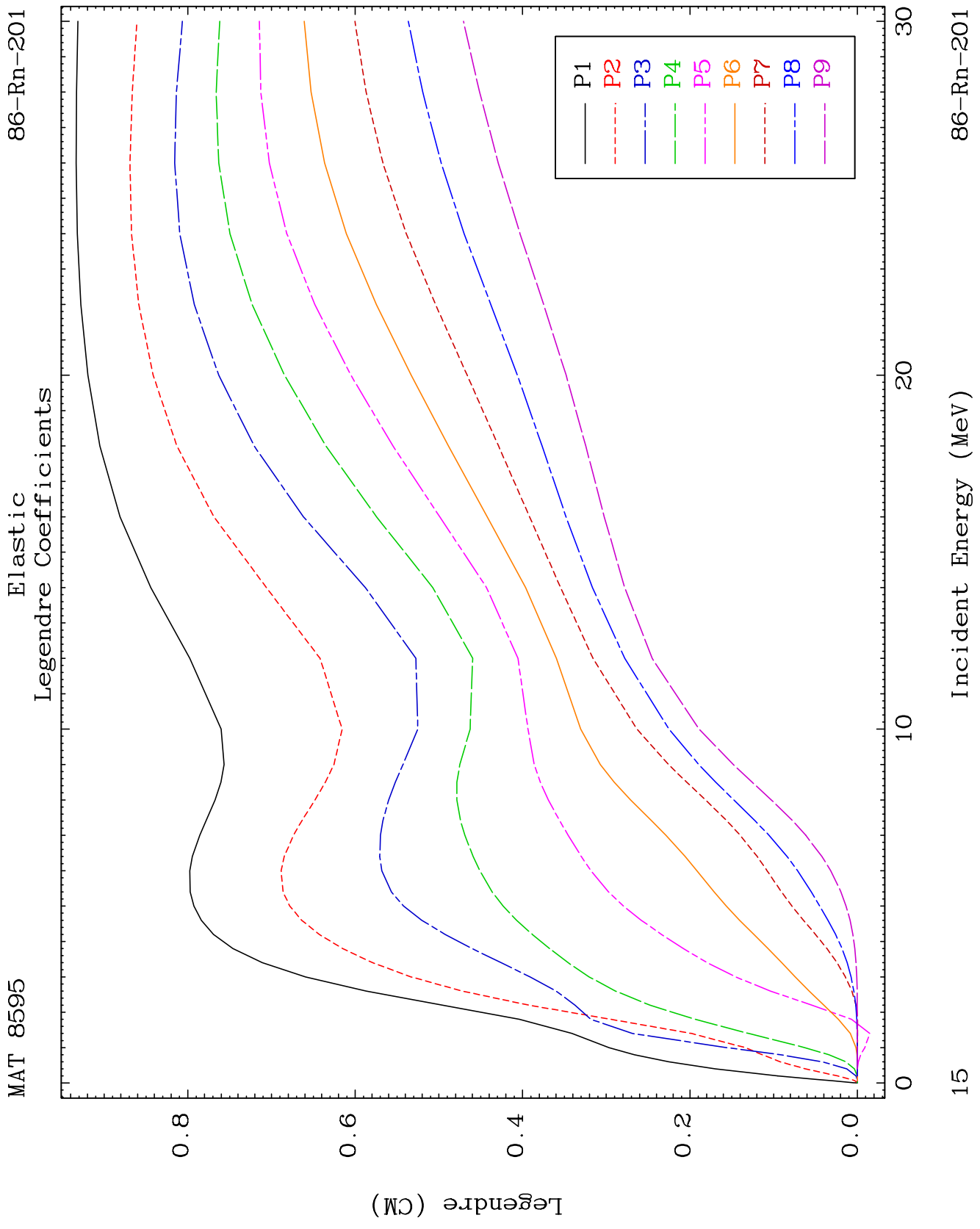
(n,He3) Levels
293 Kelvin Cross Sections

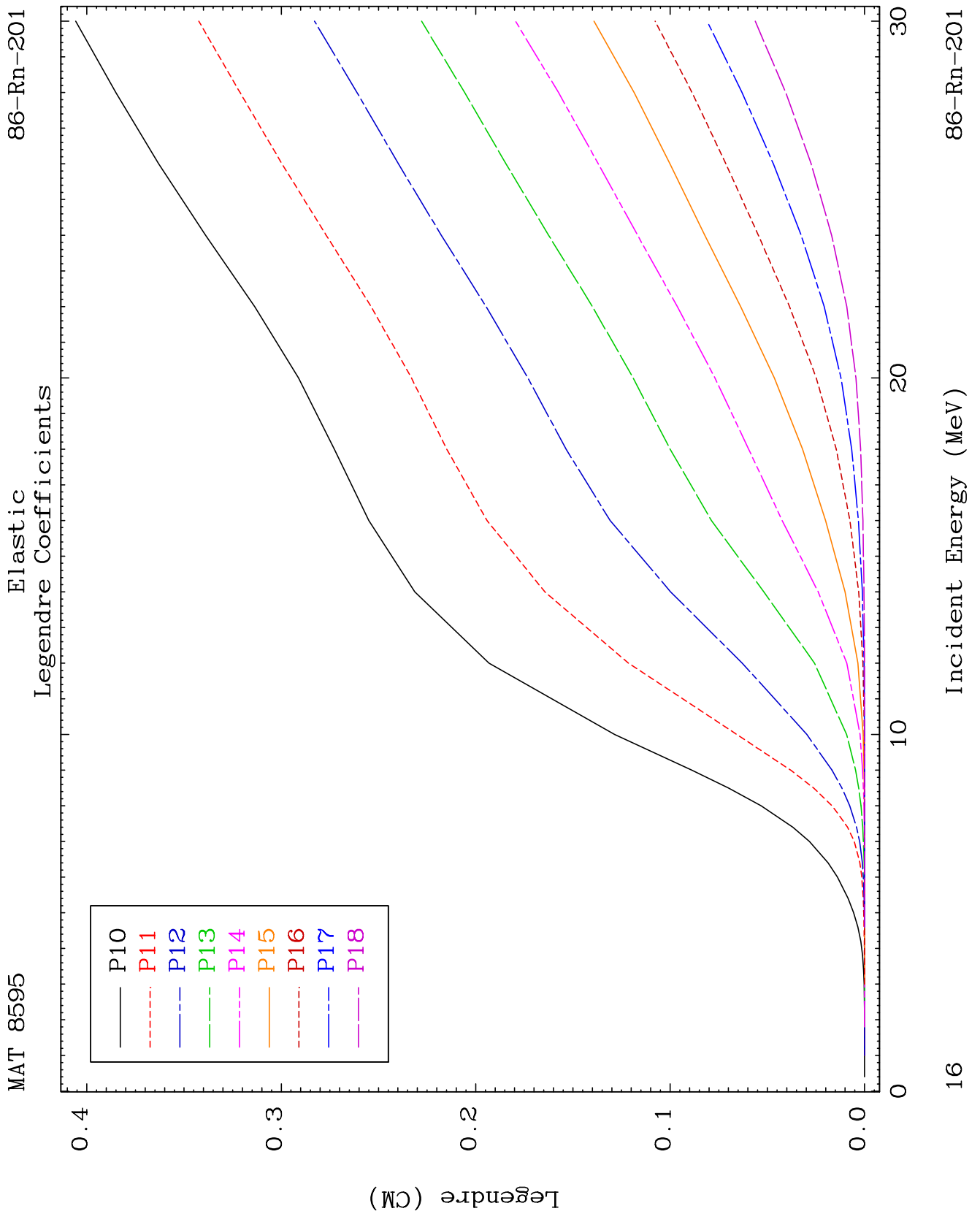
86-Rn-201







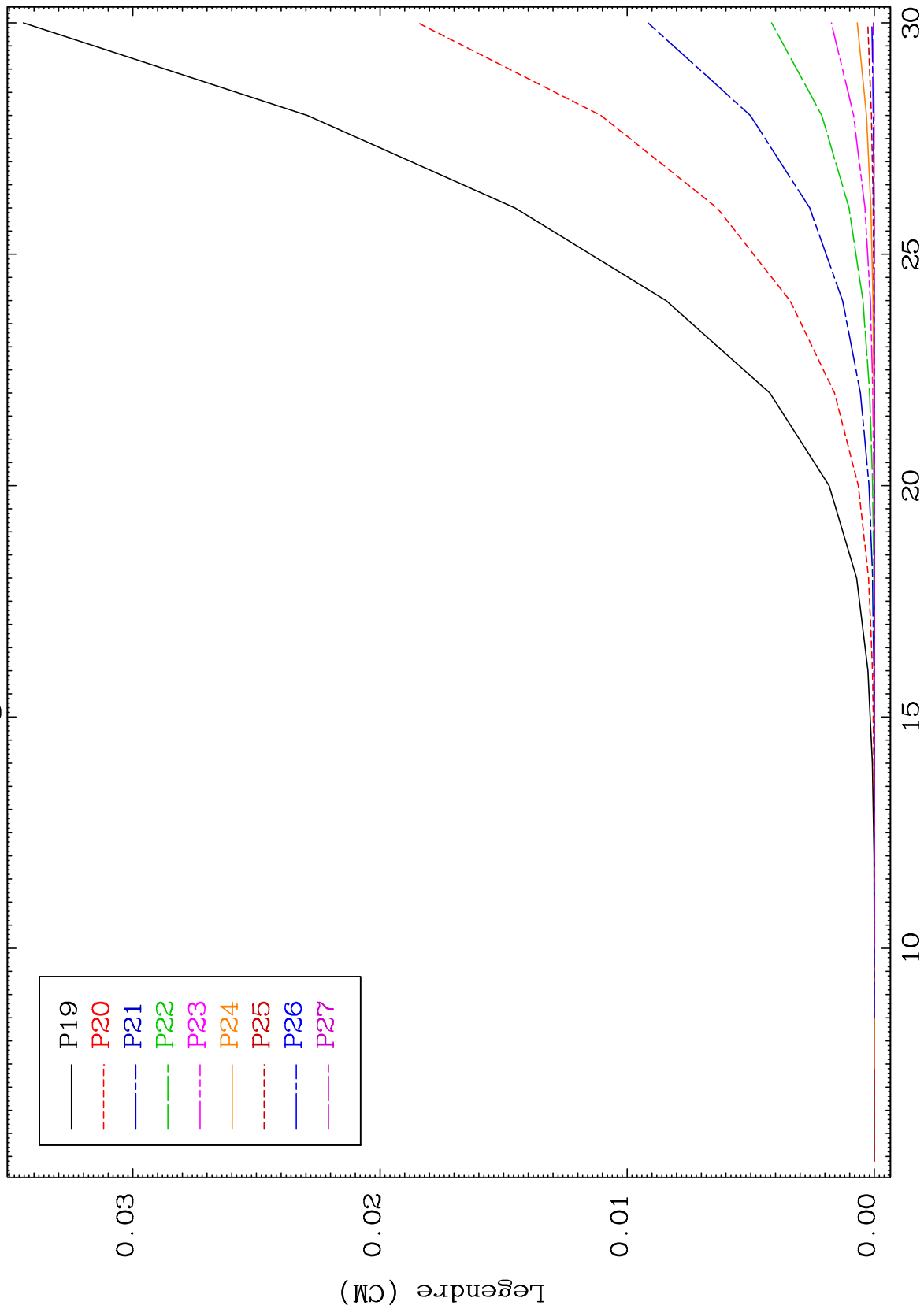




MAT 8595

Elastic Legendre Coefficients

86-Rn-201



17

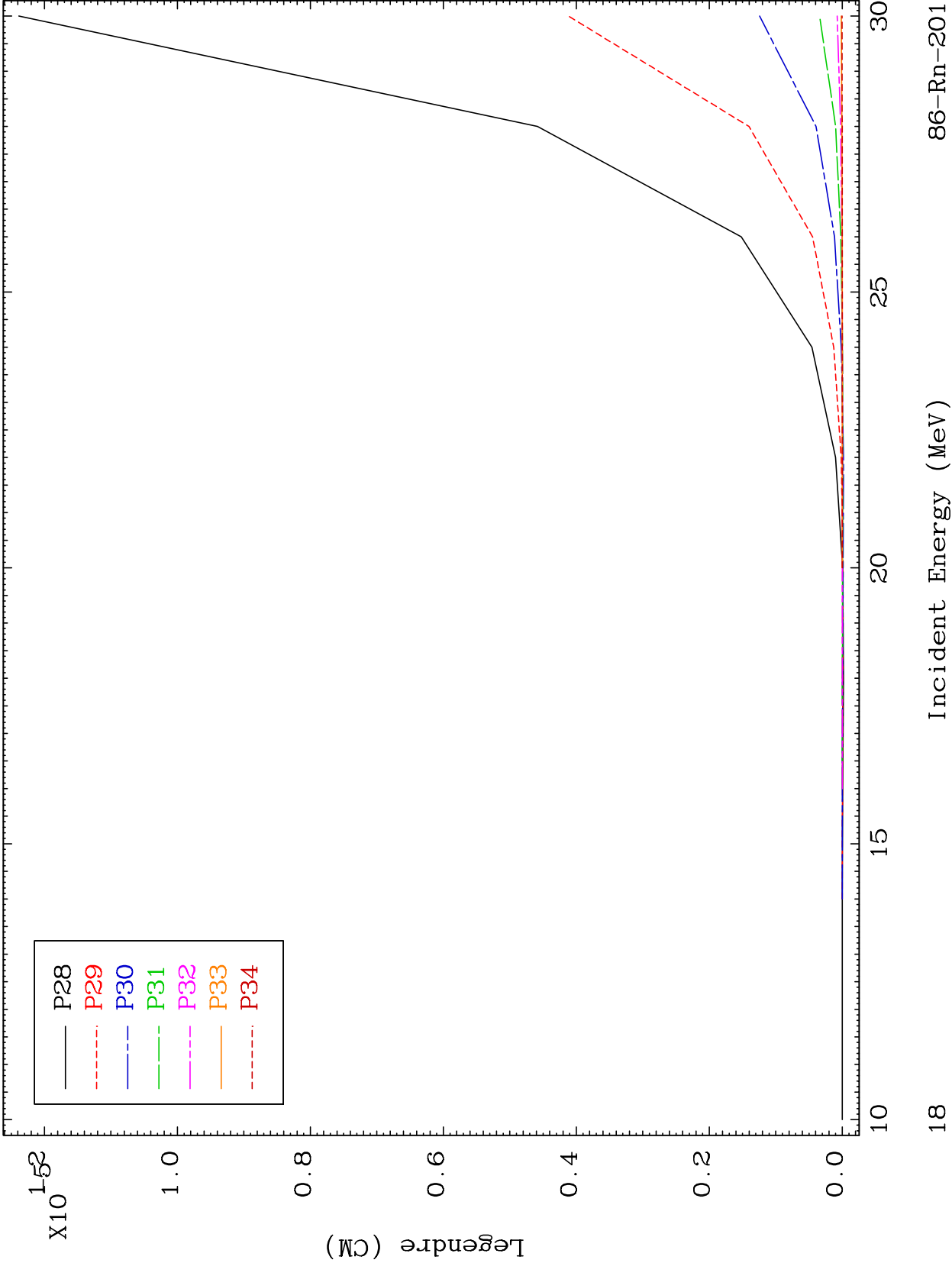
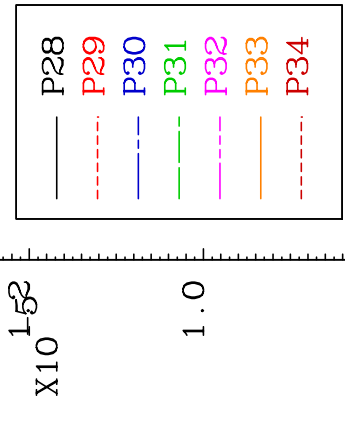
Incident Energy (MeV)

86-Rn-201

MAT 8595

Elastic Legendre Coefficients

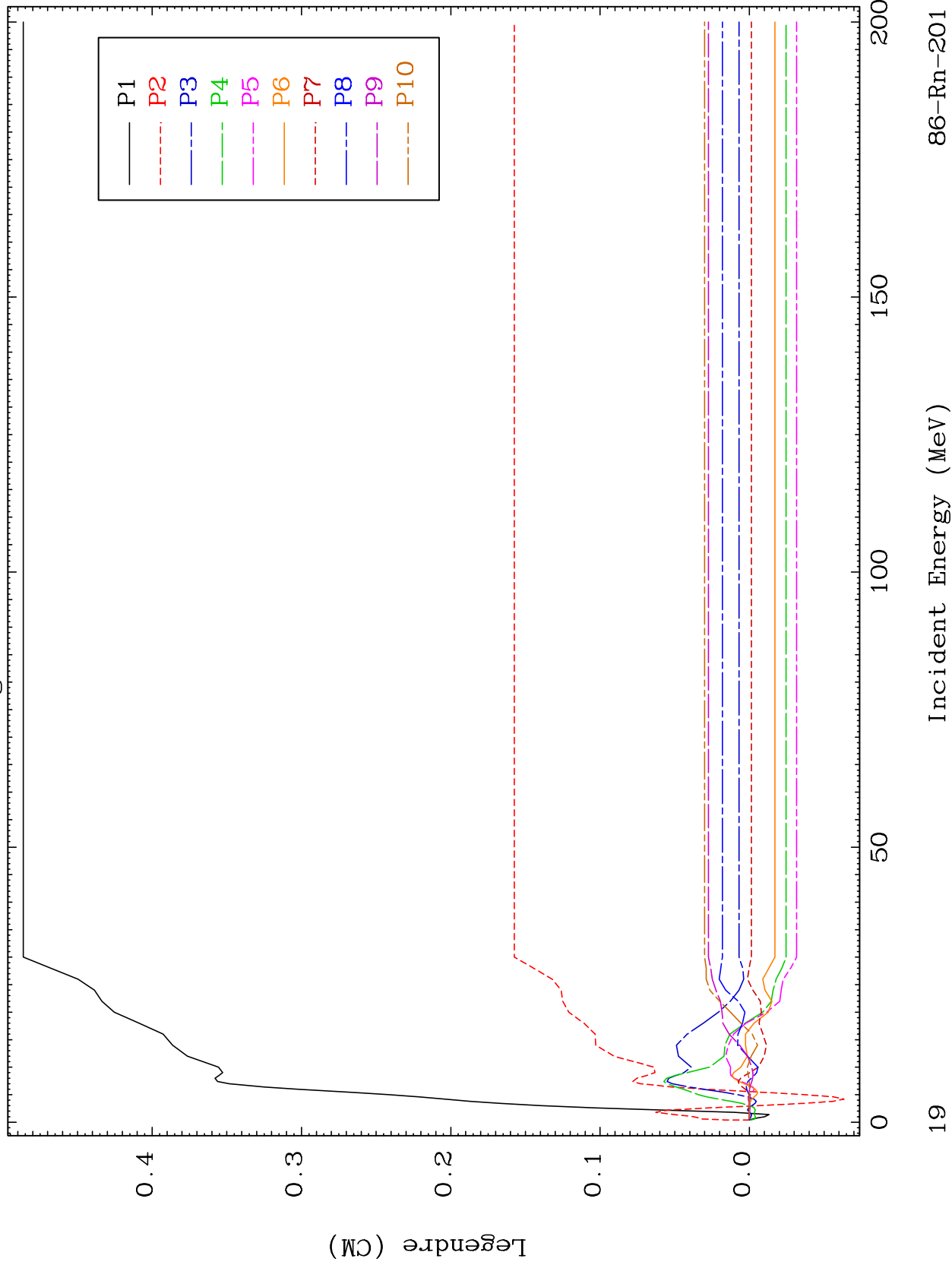
86-Rn-201



MAT 8595

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

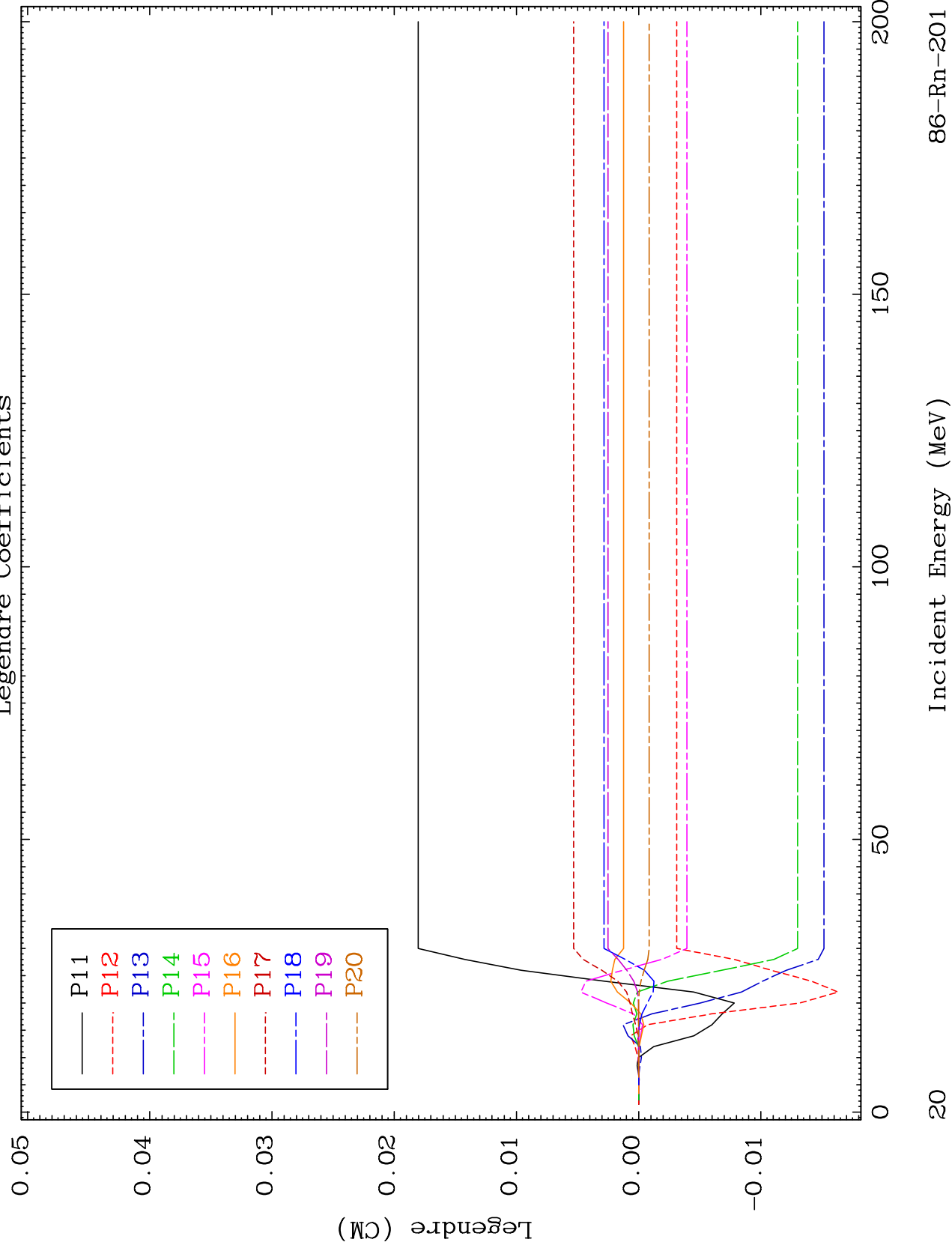
86-Rn-201



MAT 8595

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

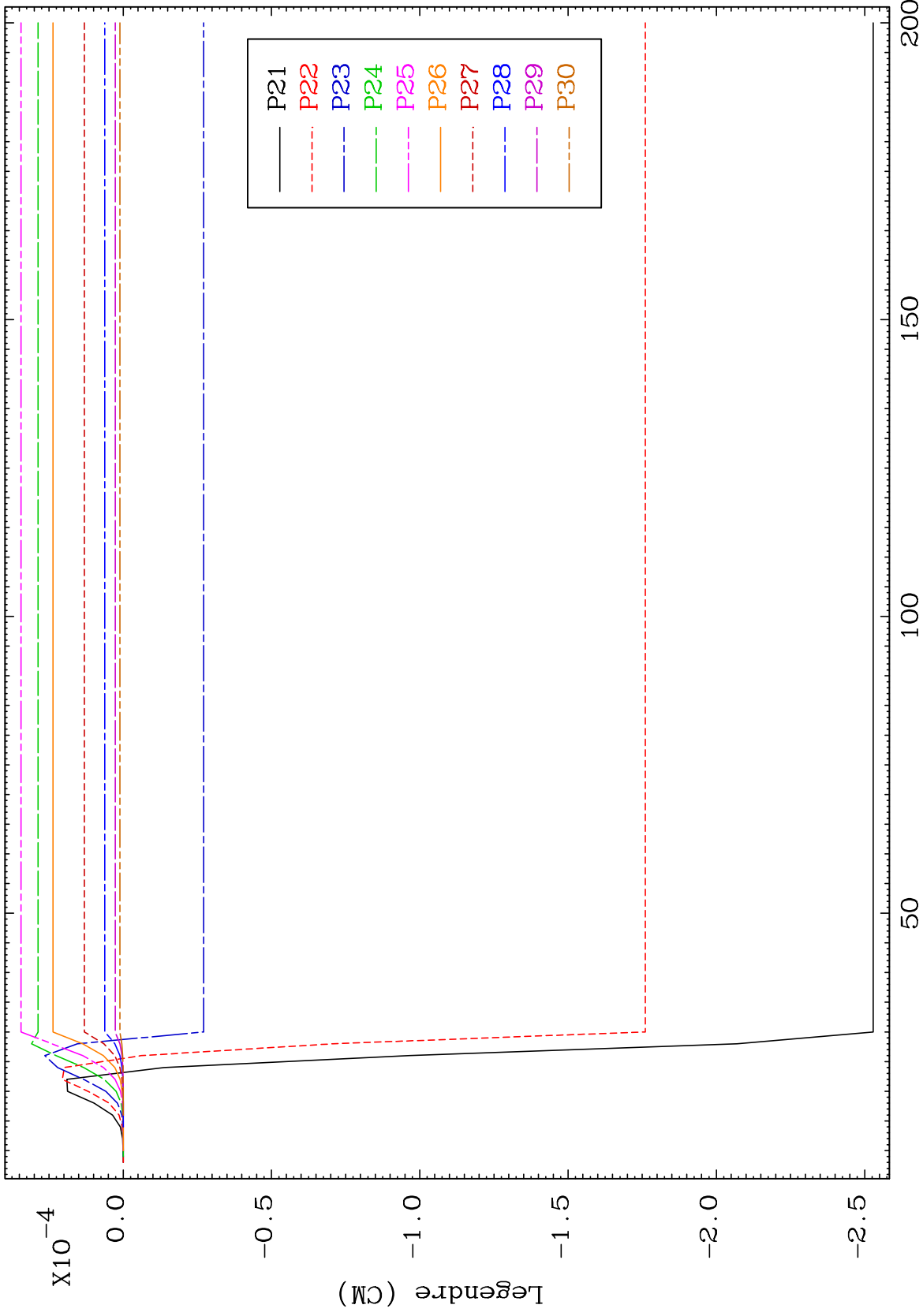
86-Rn-201



MAT 8595

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

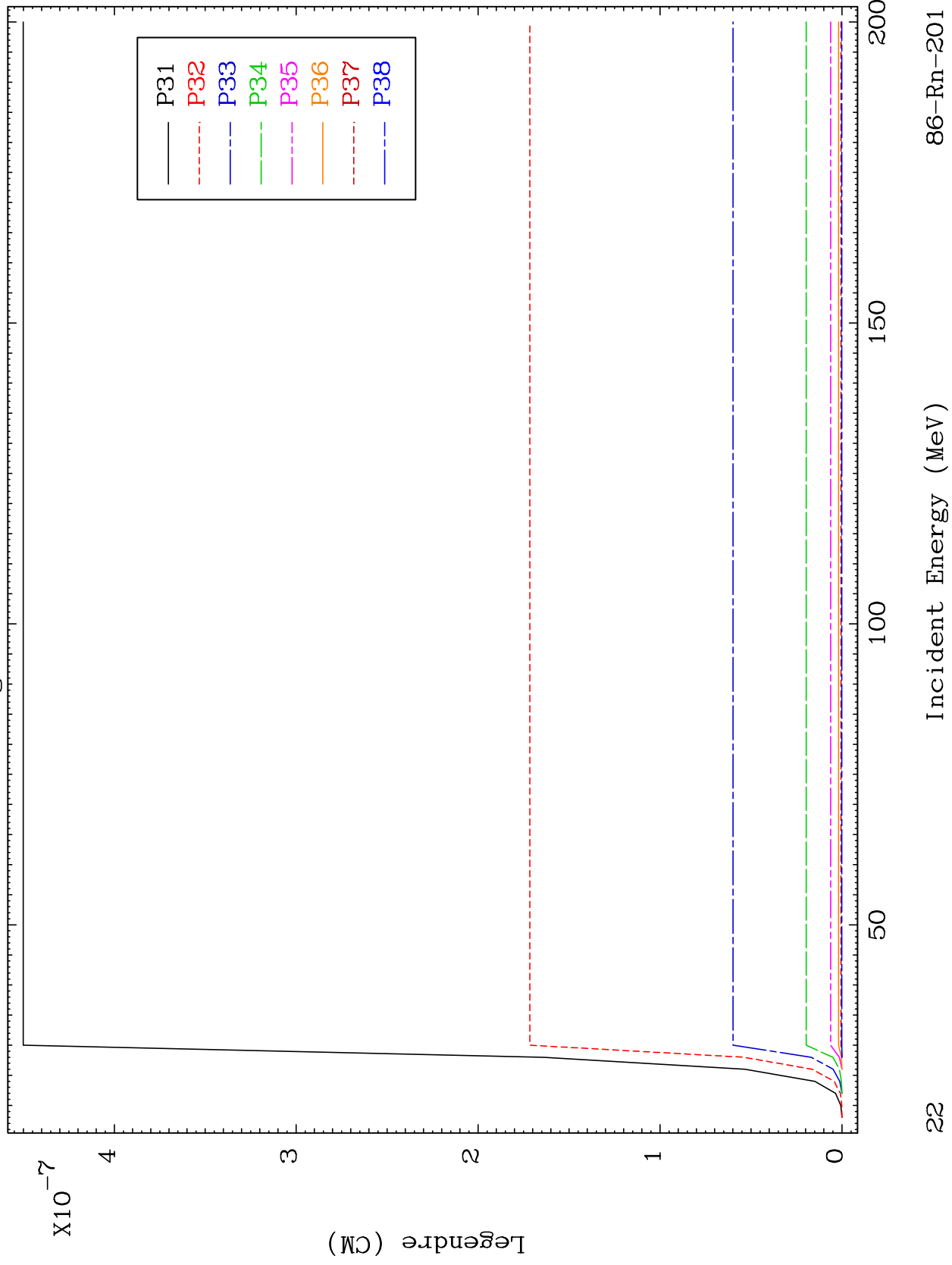
86-Rn-201



MAT 8595

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

86-Rn-201



22

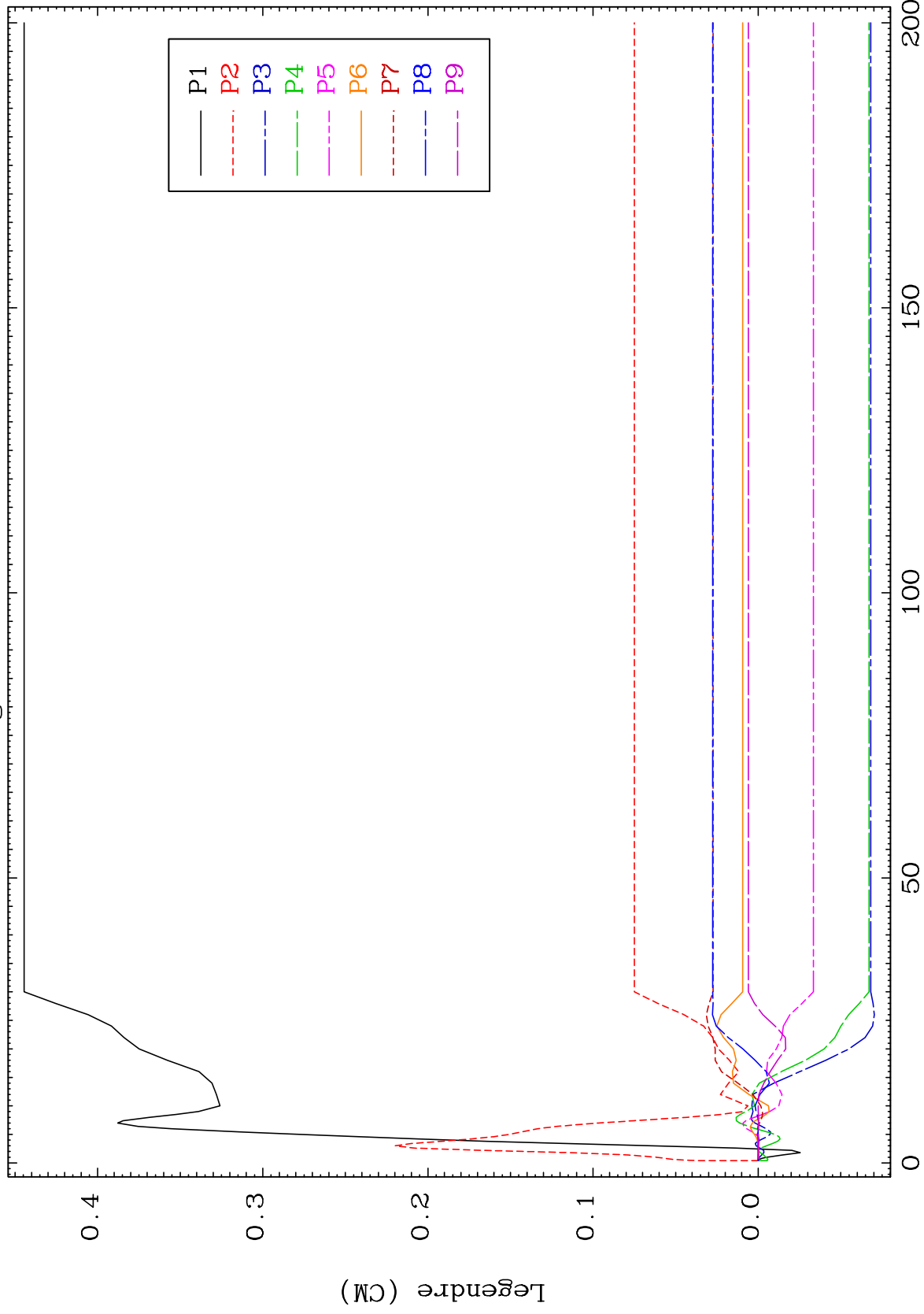
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



23

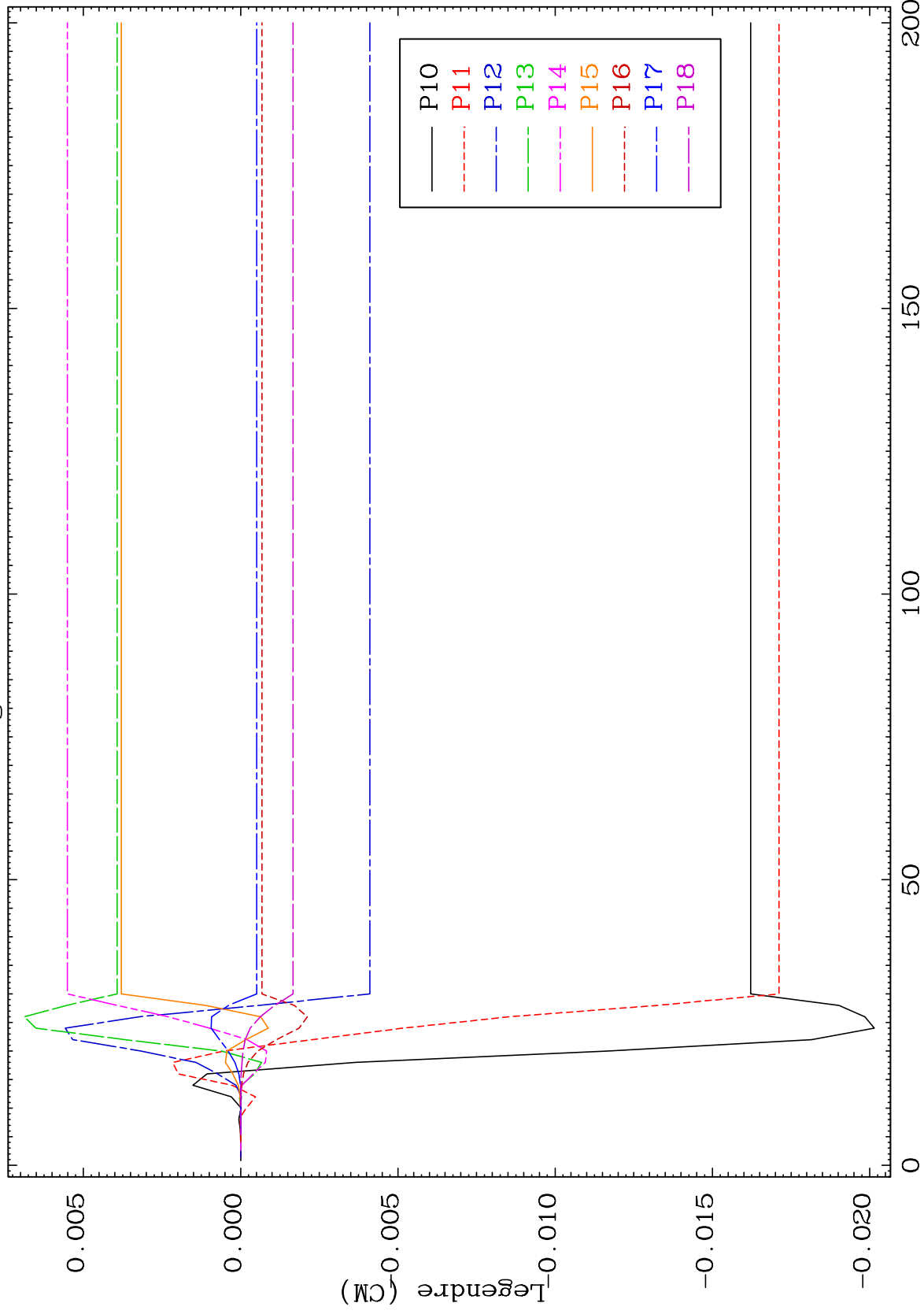
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



24

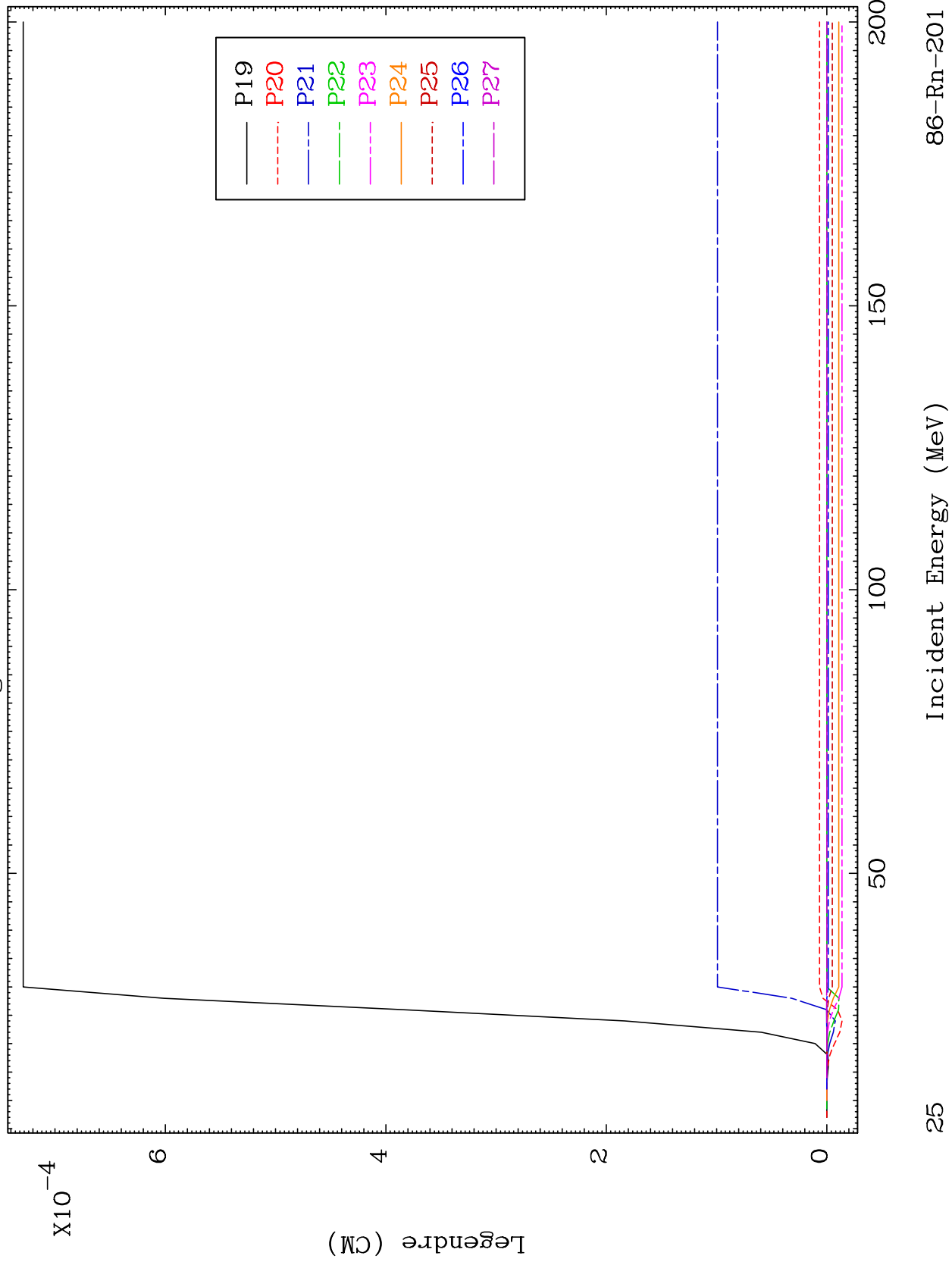
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

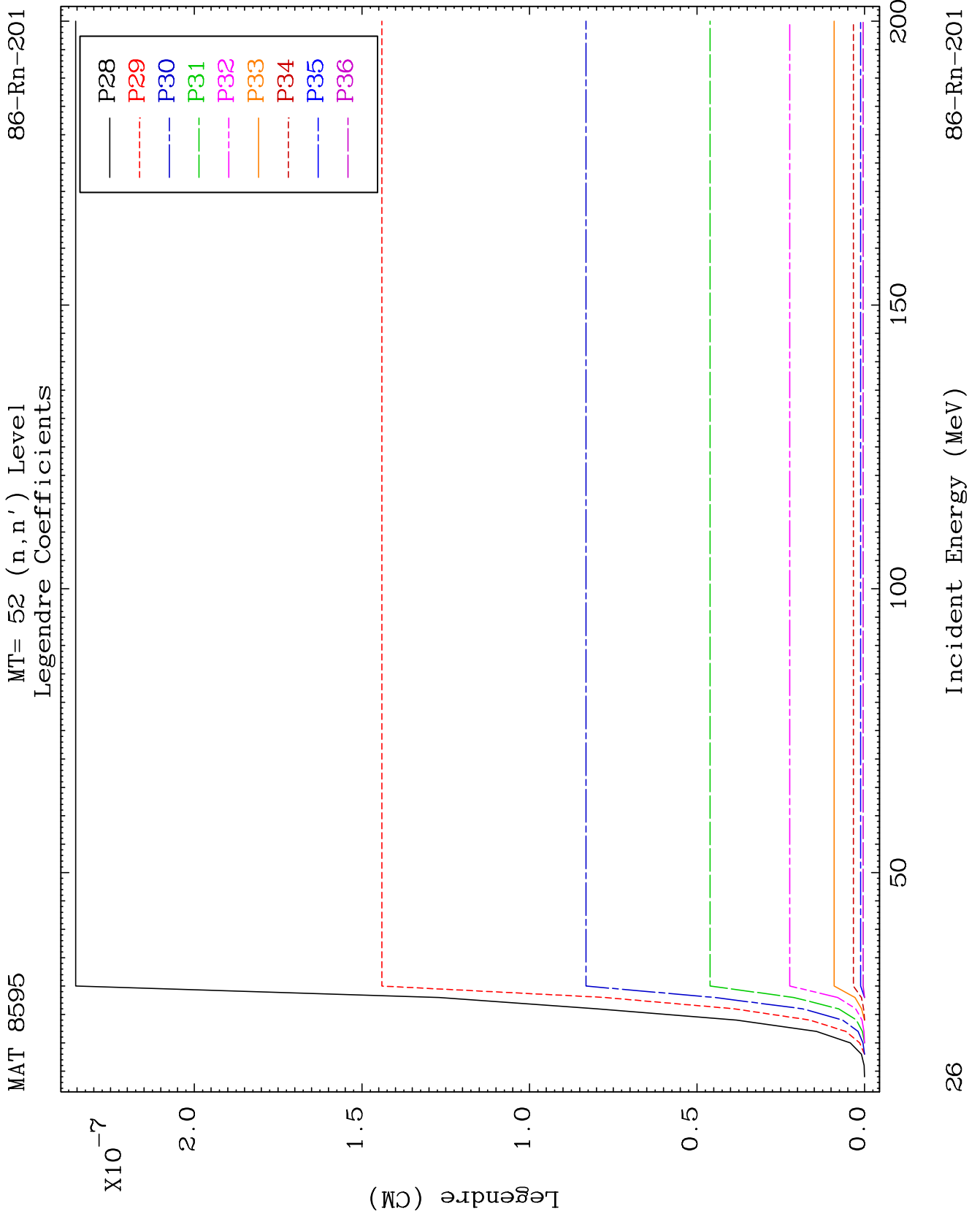
86-Rn-201



86-Rn-201

Incident Energy (MeV)

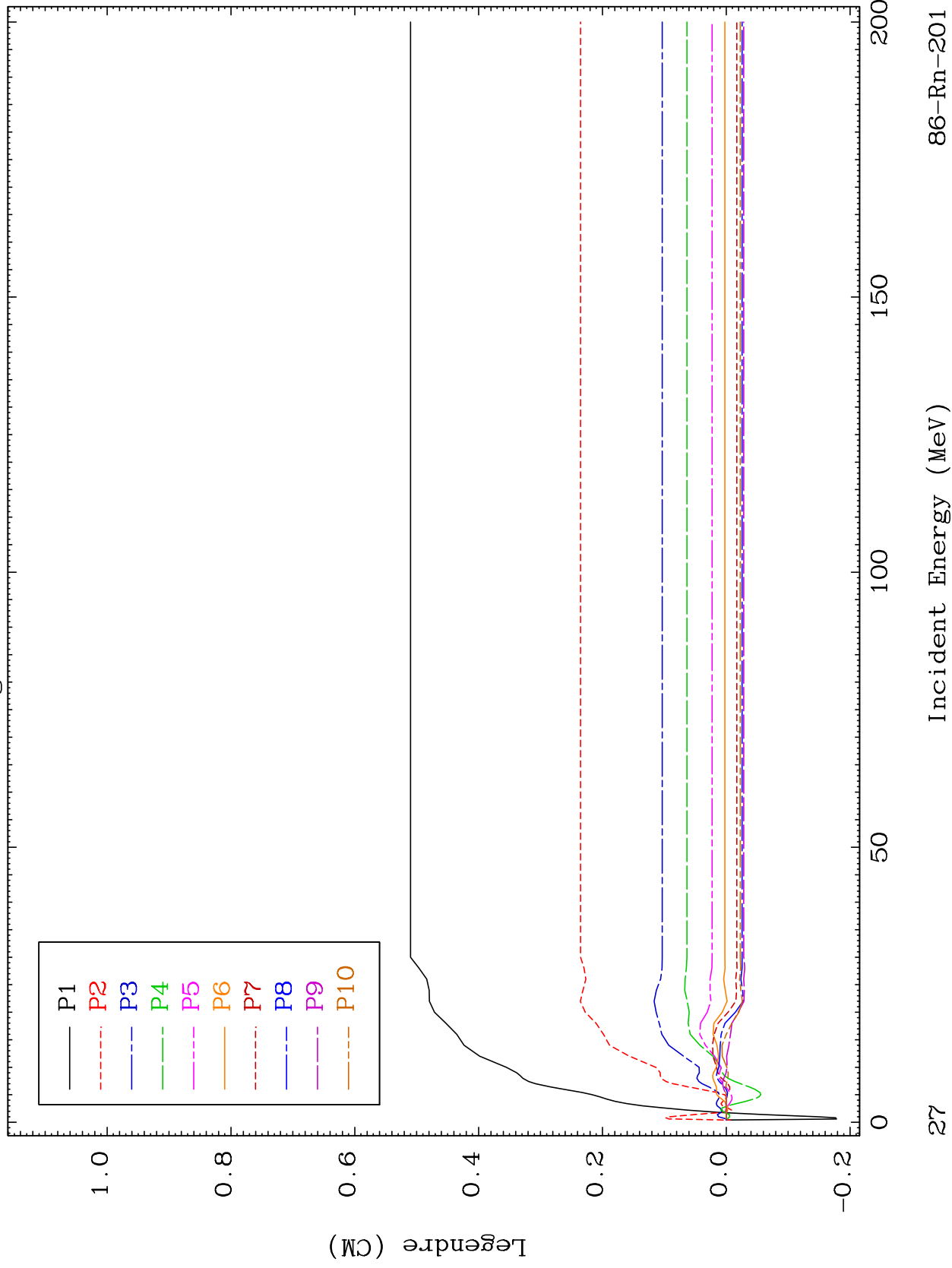
25



MAT 8595

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

86-Rn-201



27

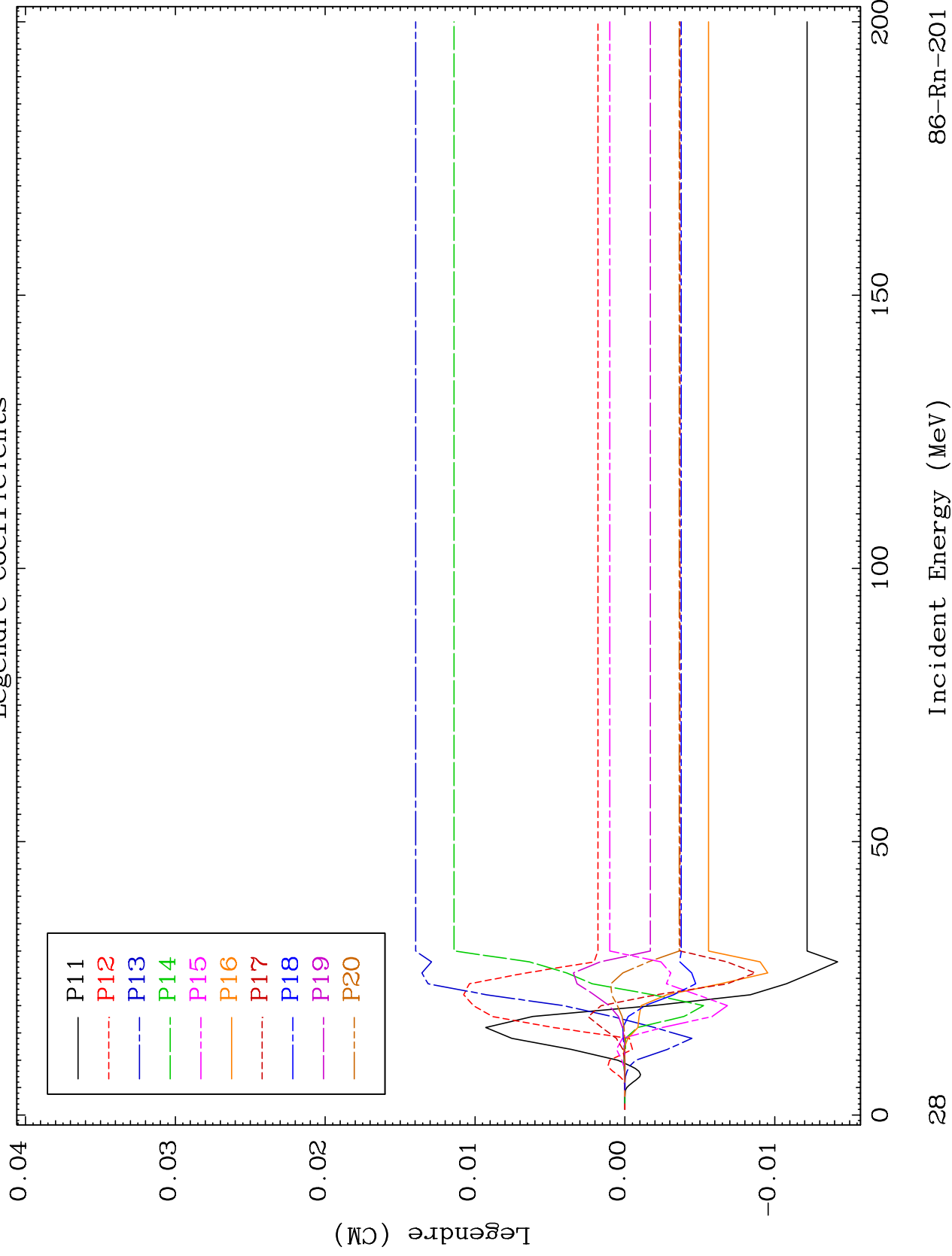
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



28

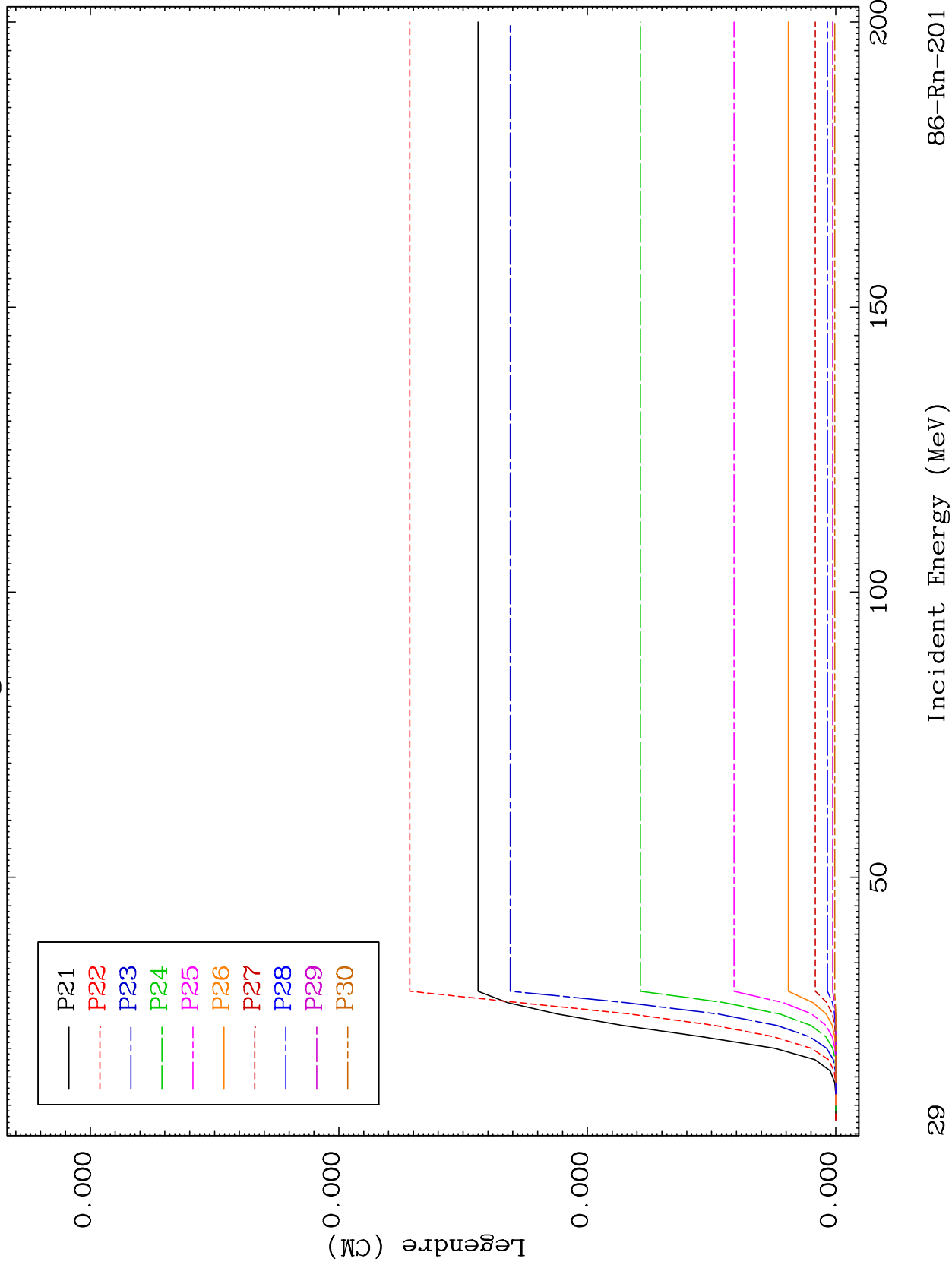
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



29

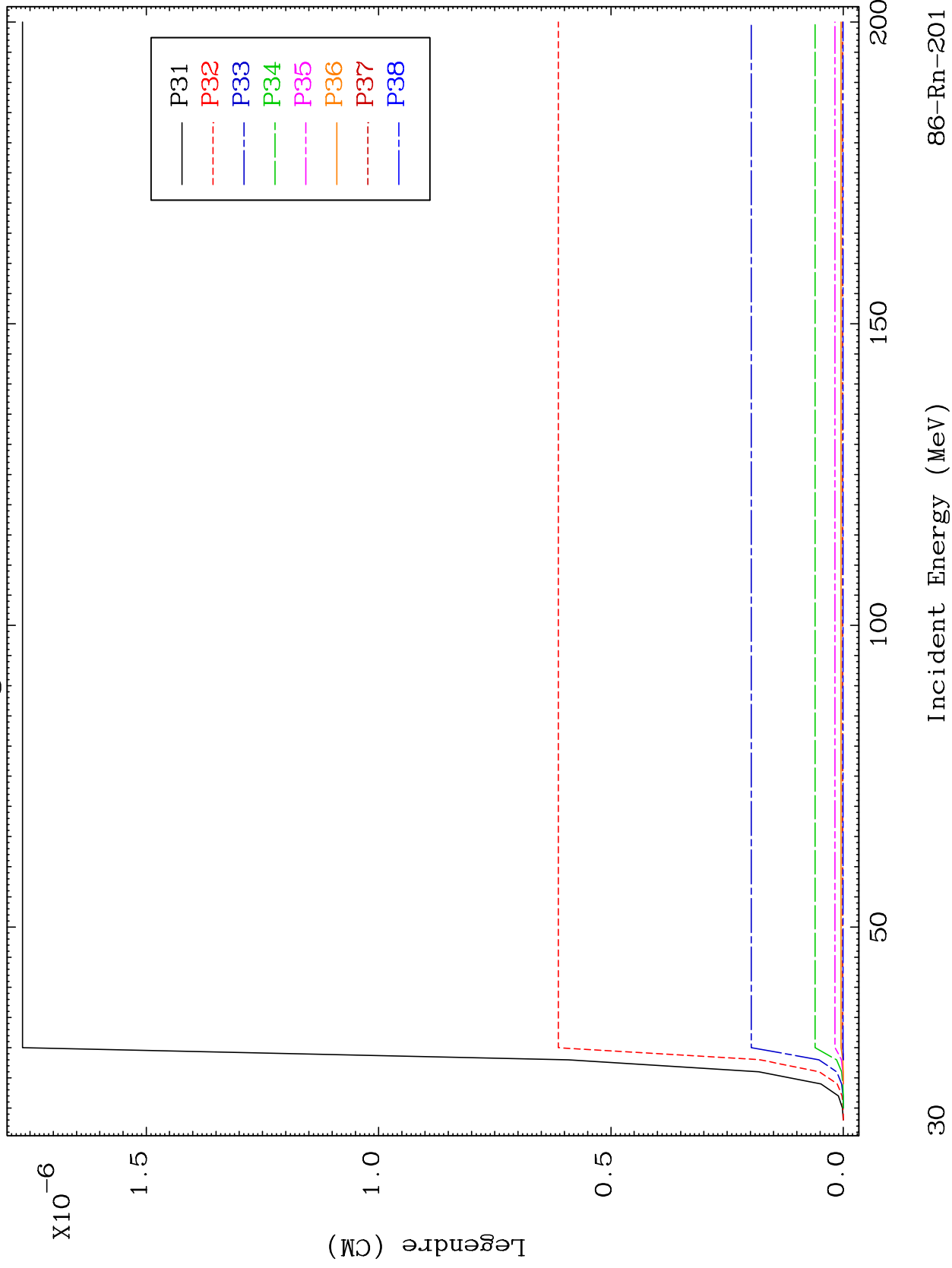
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

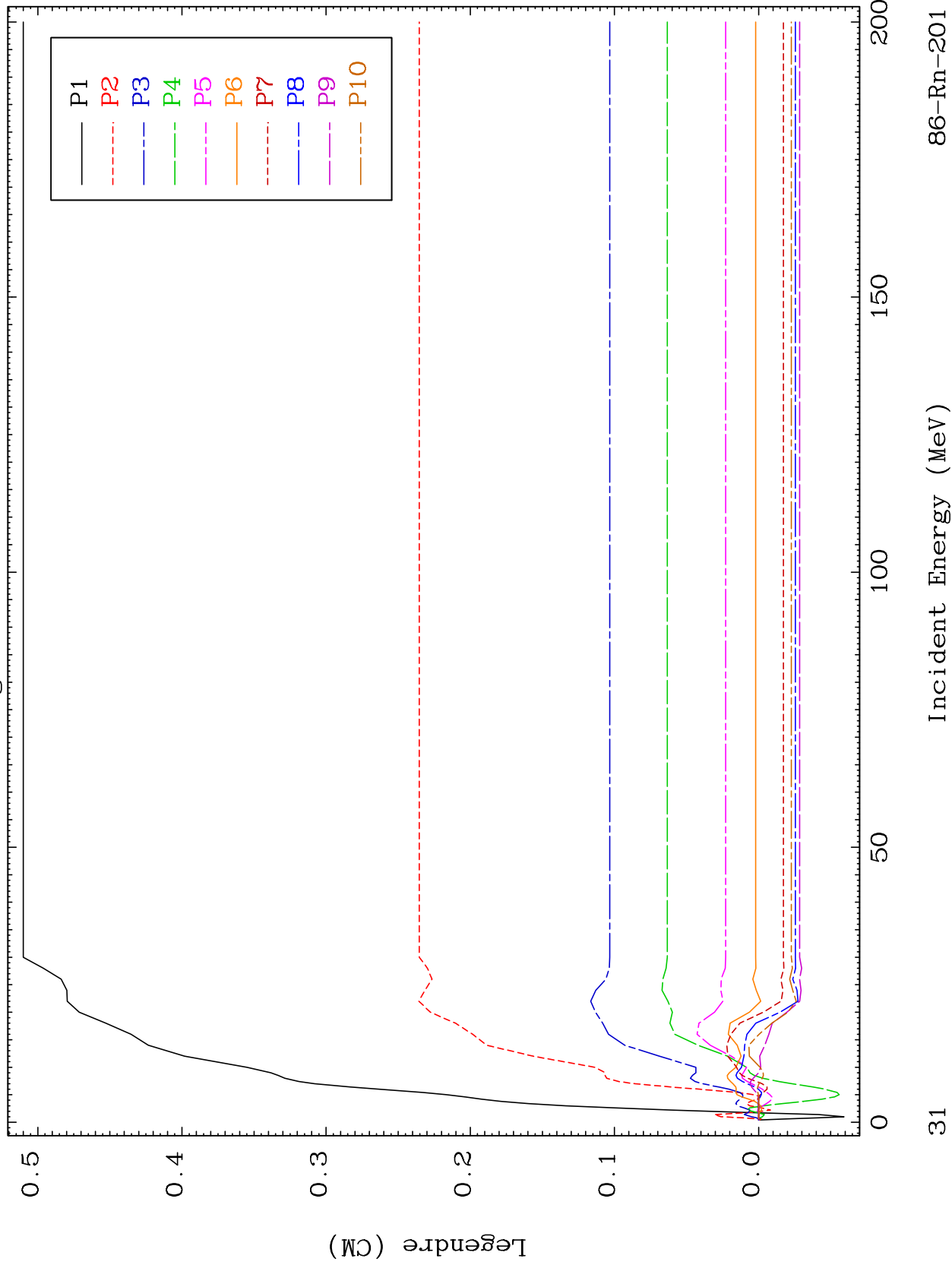
86-Rn-201



MAT 8595

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

86-Rn-201



31

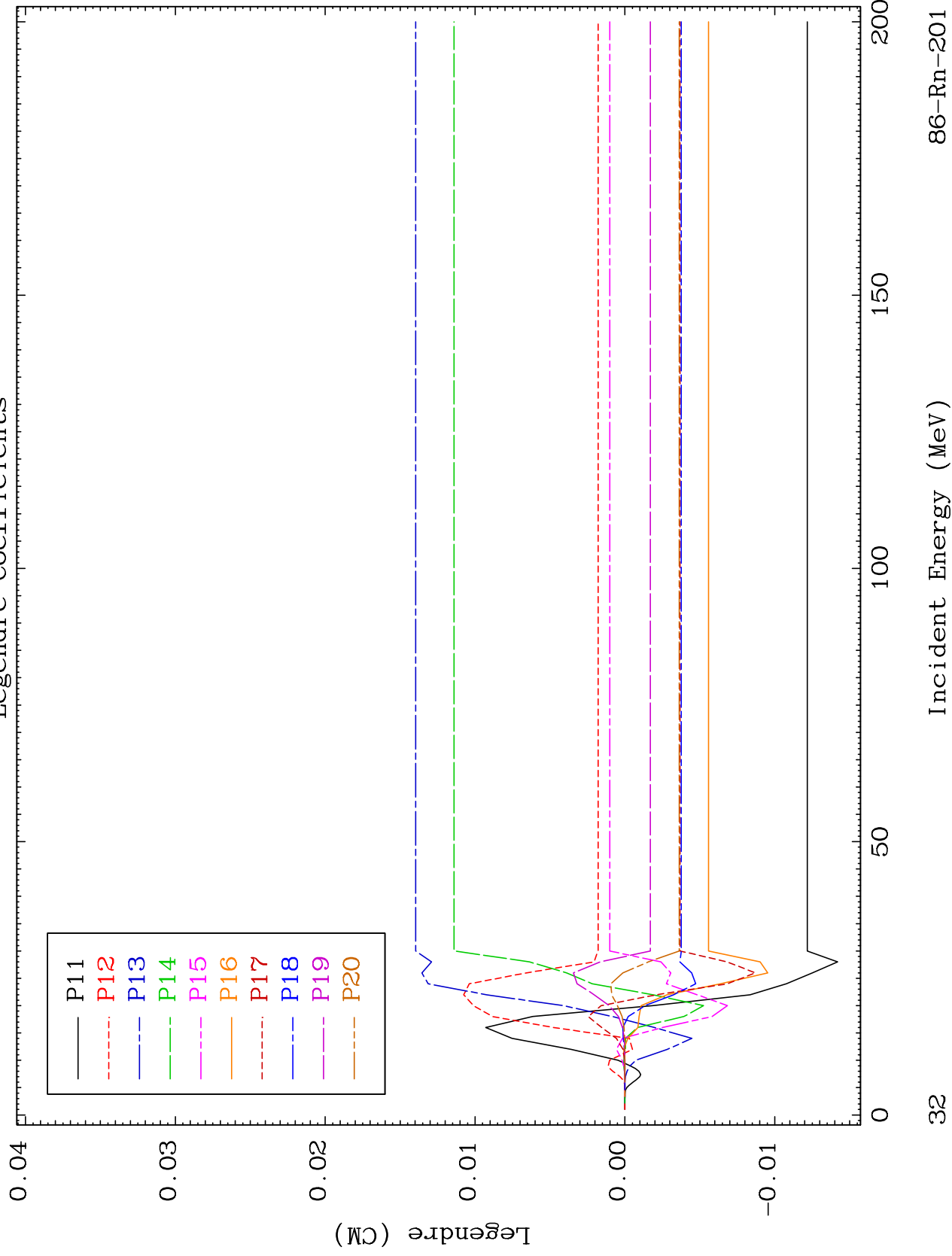
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



86-Rn-201

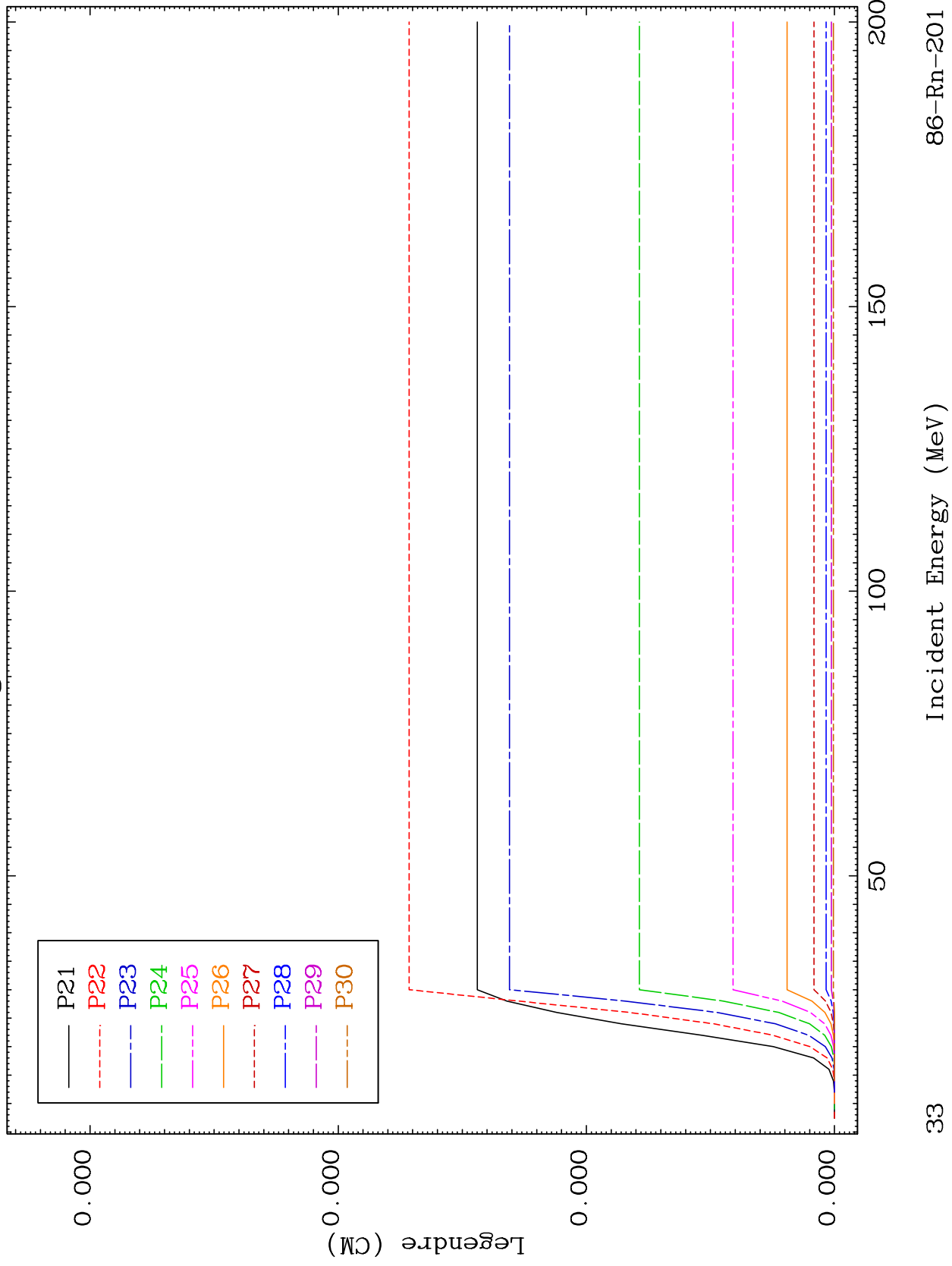
Incident Energy (MeV)

32

MAT 8595

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

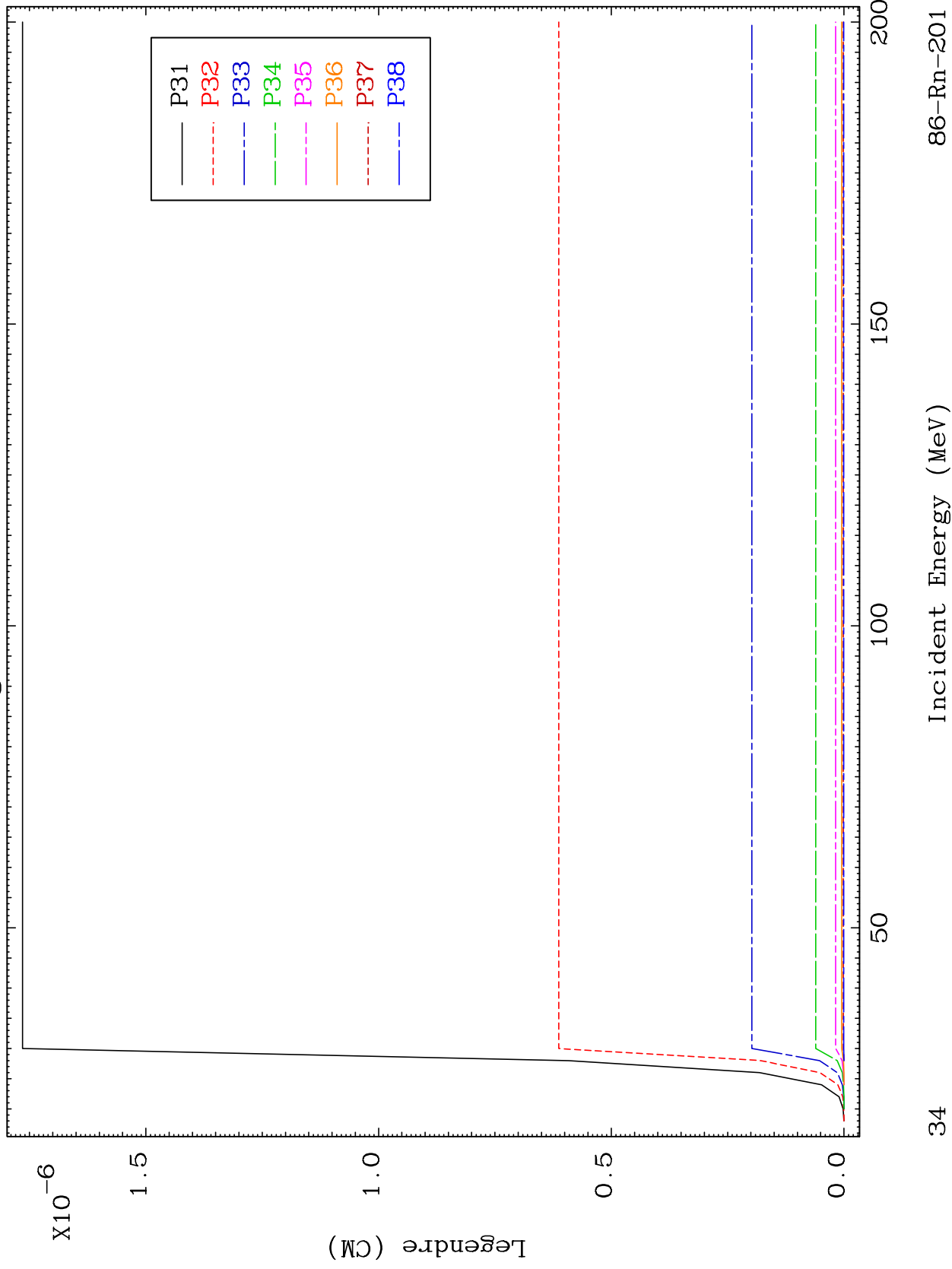
86-Rn-201



MAT 8595

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

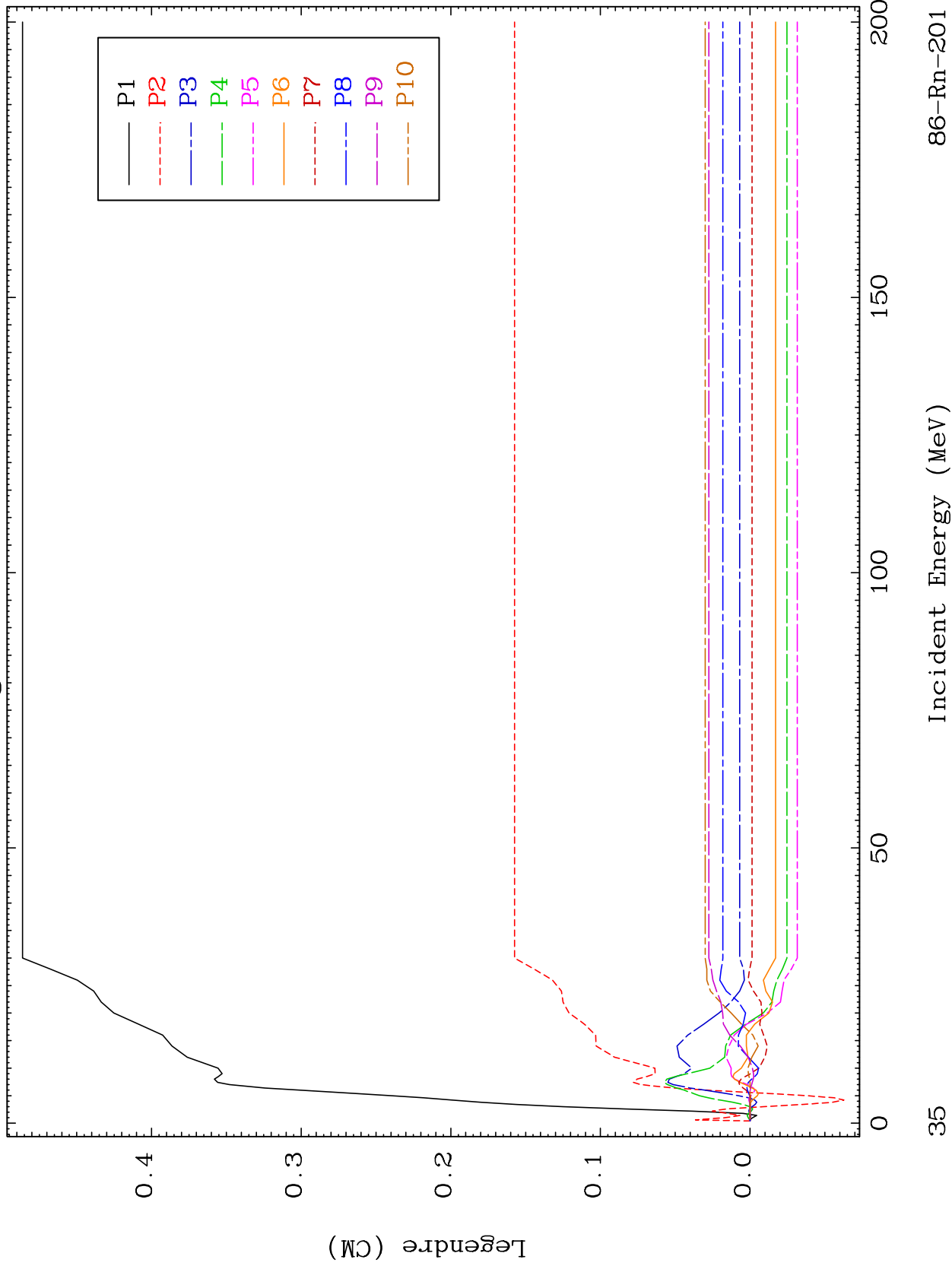
86-Rn-201



MAT 8595

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

86-Rn-201



86-Rn-201

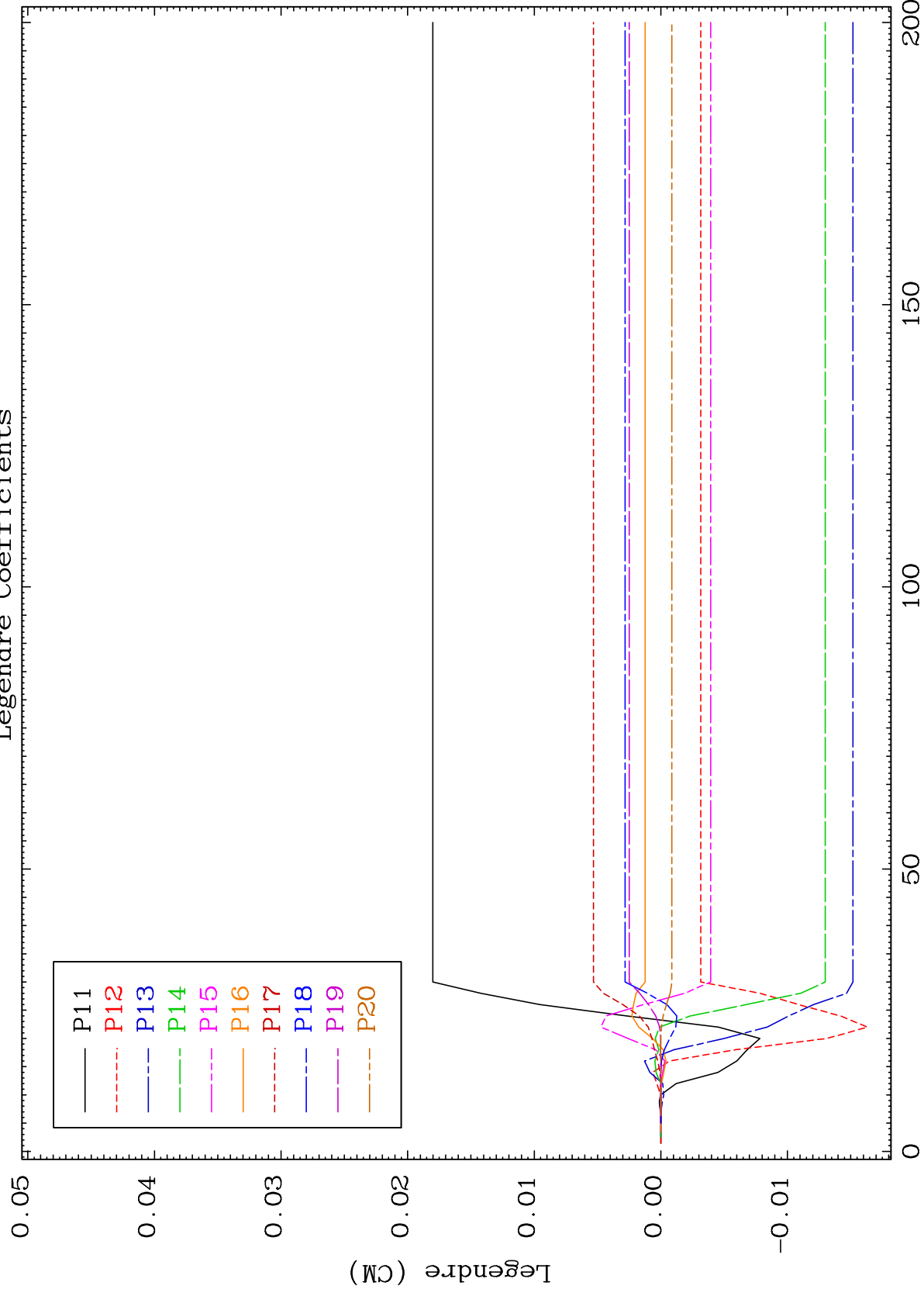
Incident Energy (MeV)

35

MAT 8595

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

86-Rn-201



36

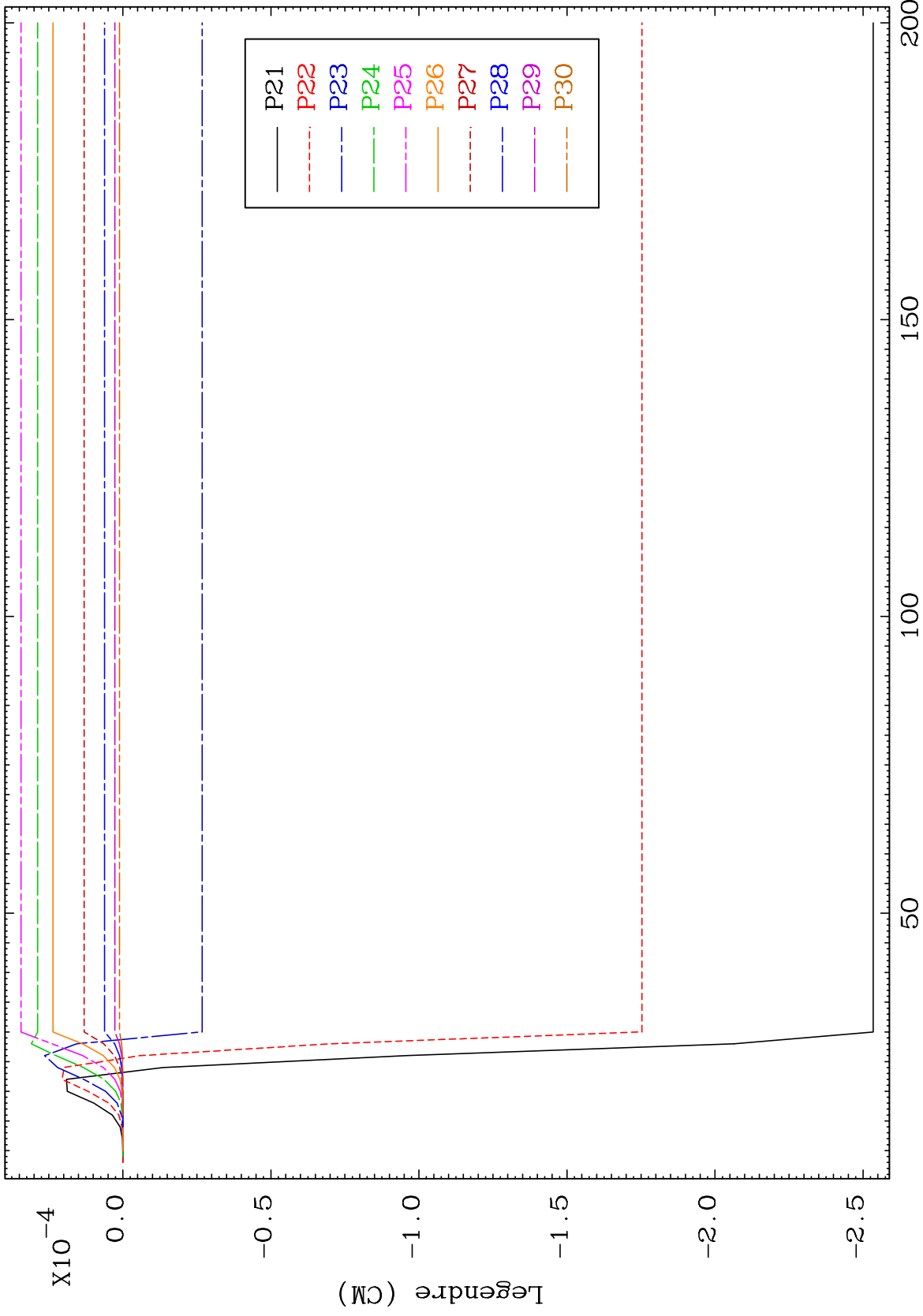
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



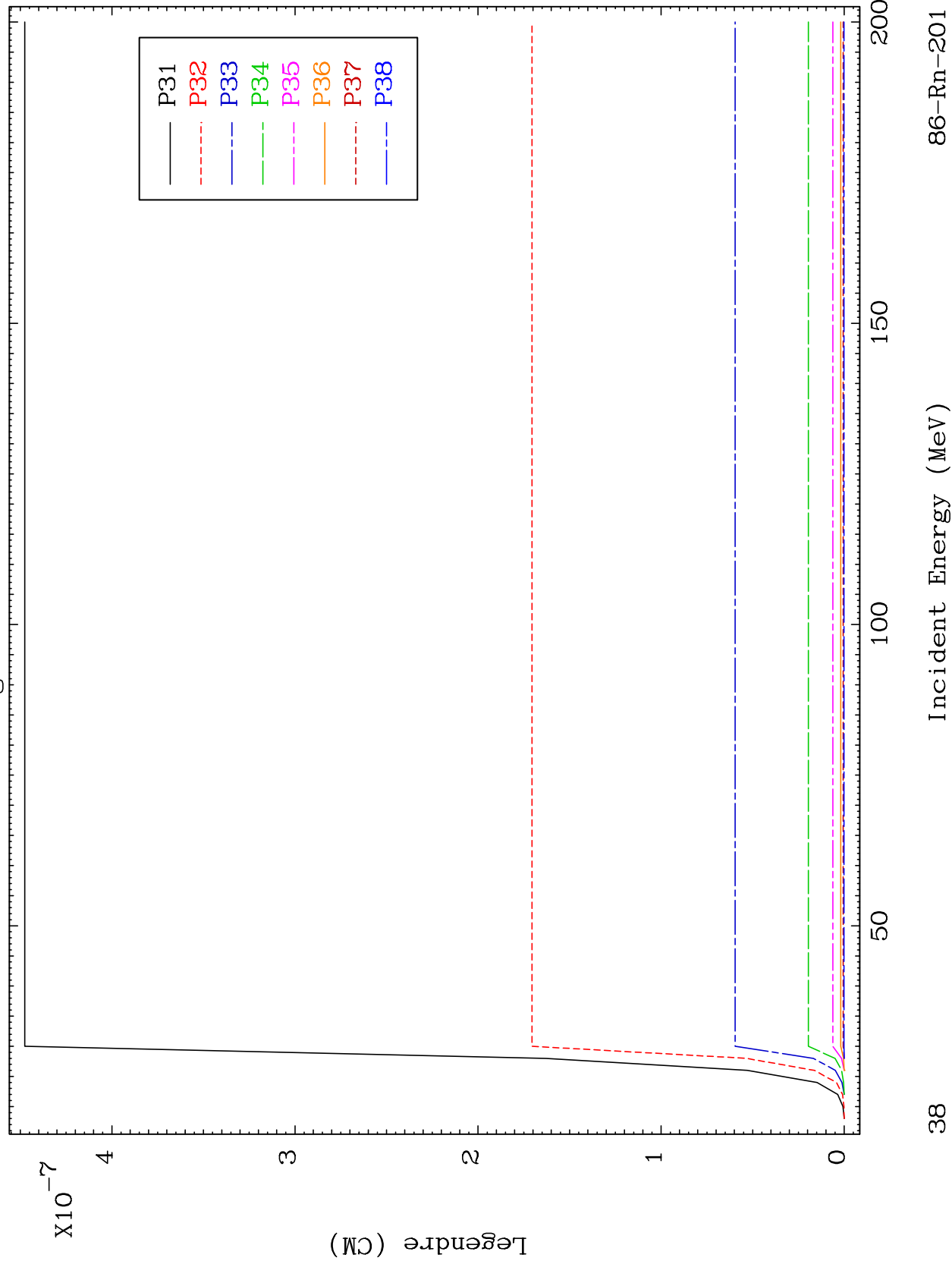
37

86-Rn-201

MAT 8595

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

86-Rn-201



38

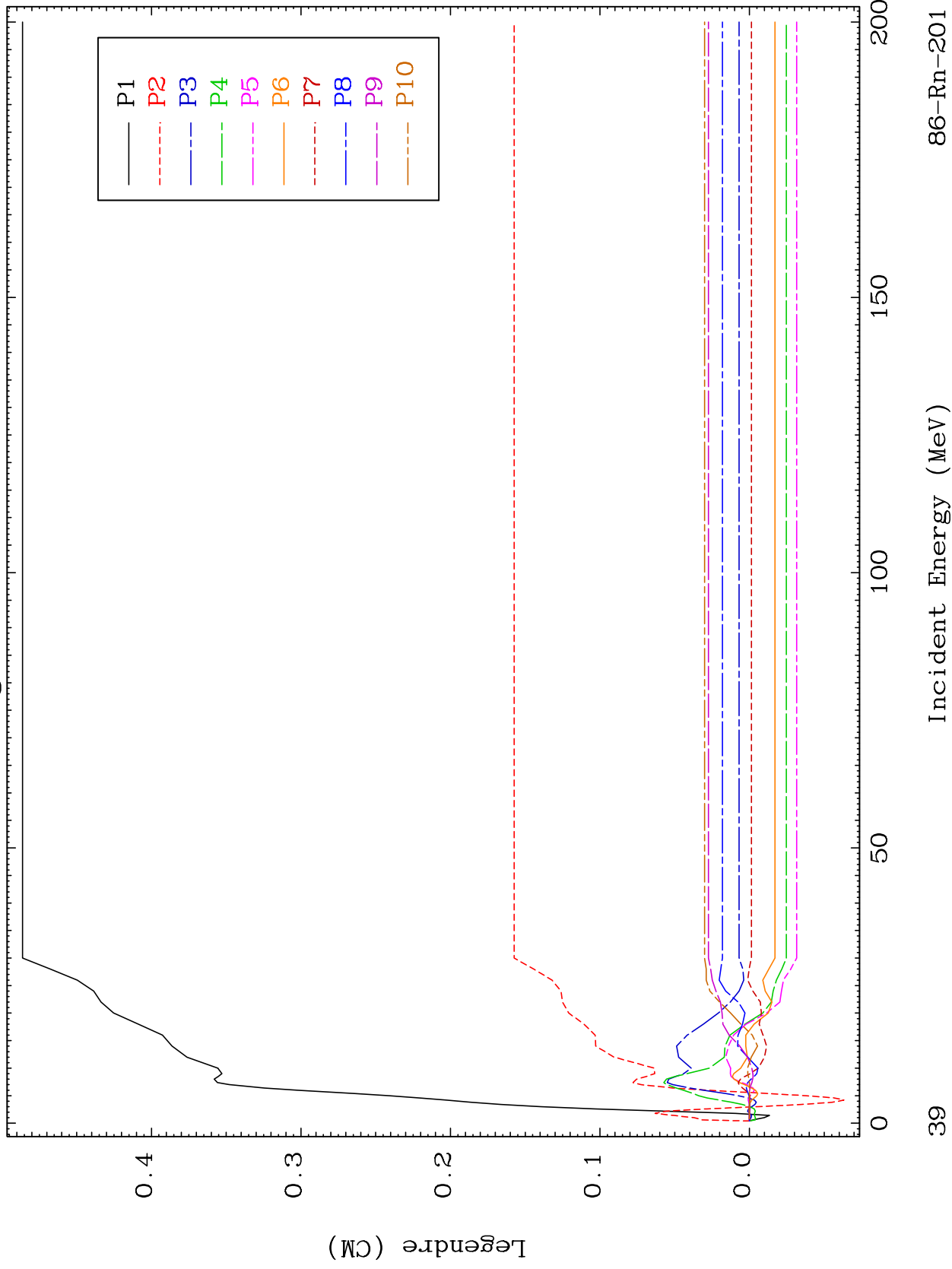
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



39

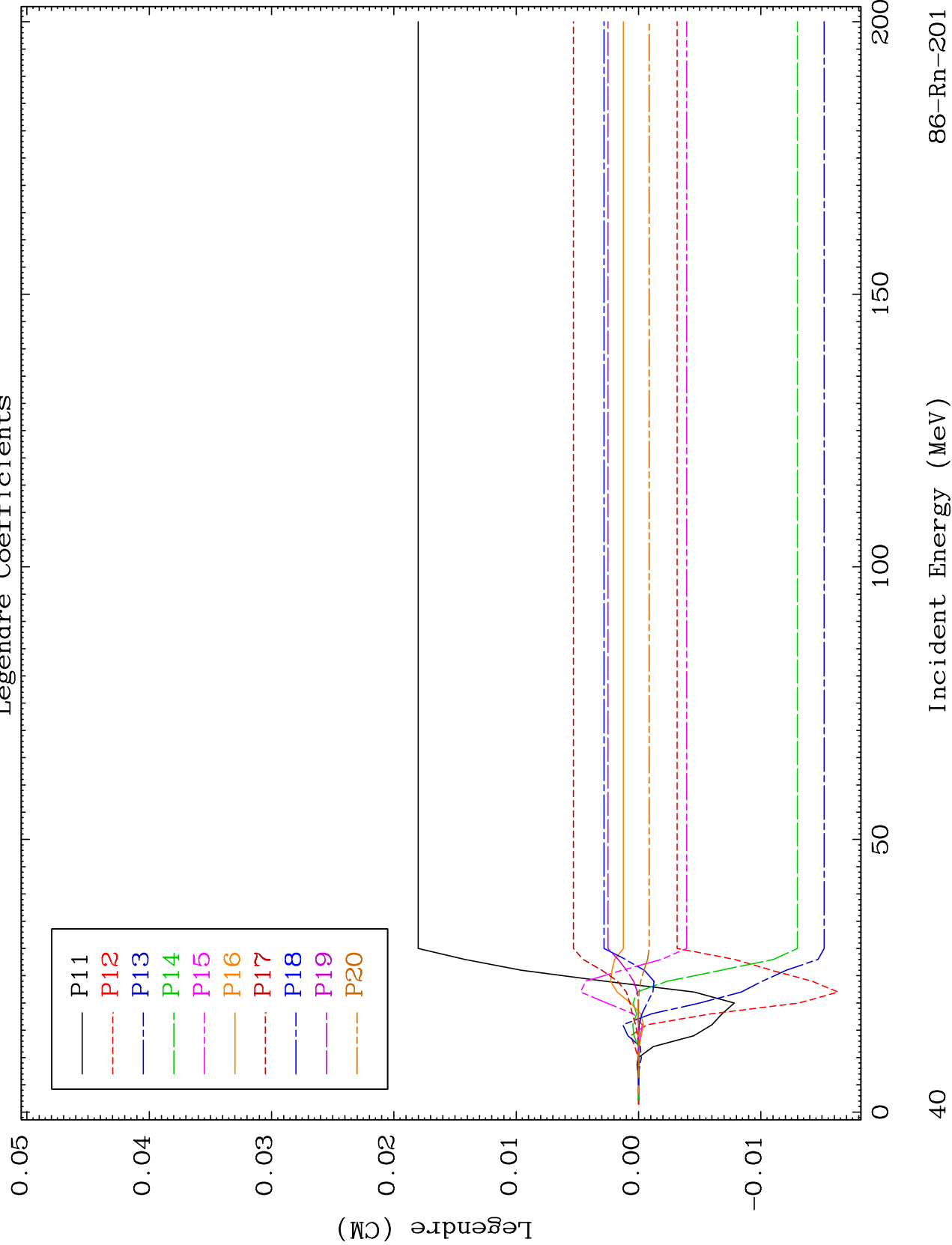
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



86-Rn-201

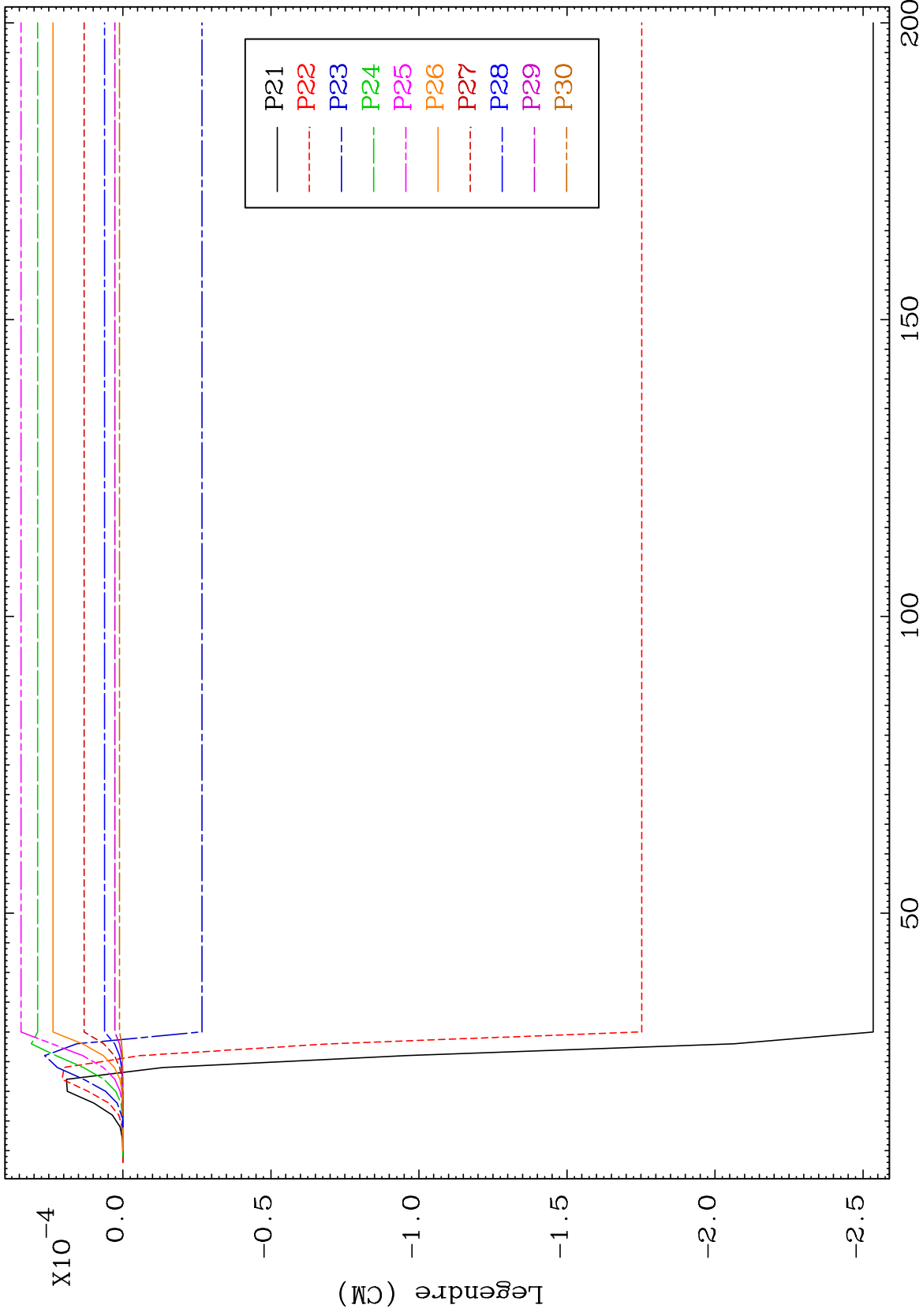
Incident Energy (MeV)

40

MAT 8595

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

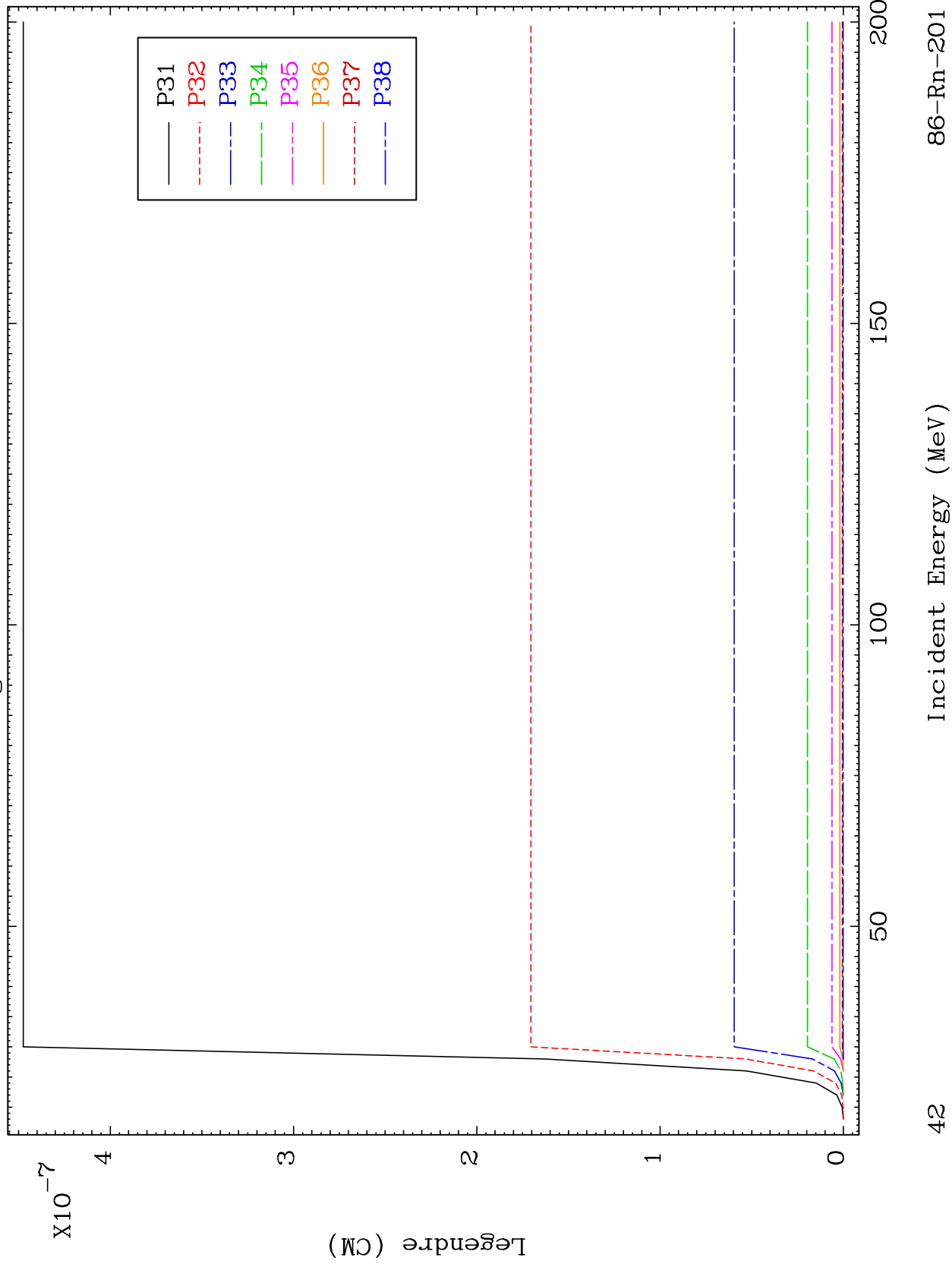
86-Rn-201



MAT 8595

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

86-Rn-201



42

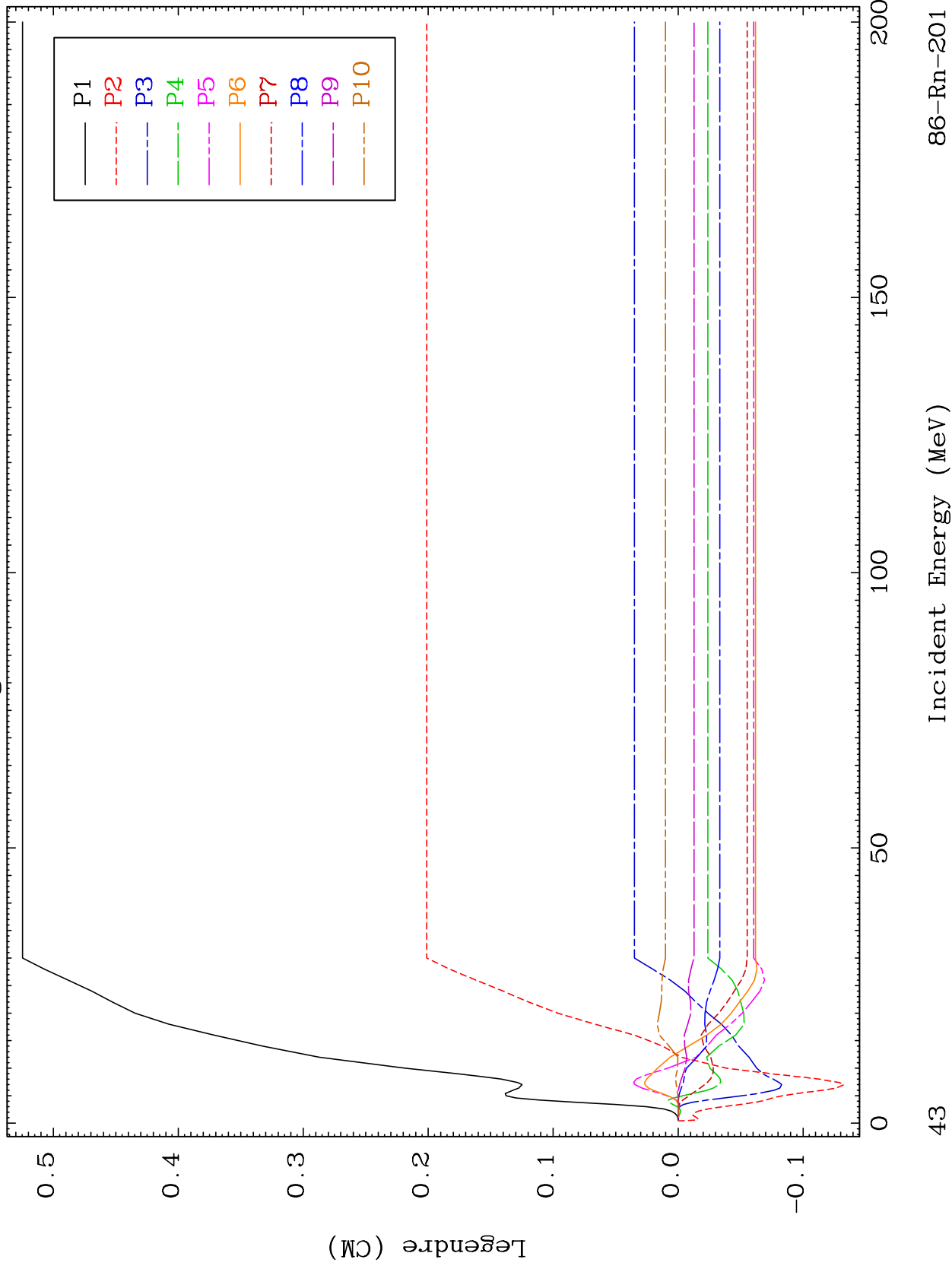
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



43

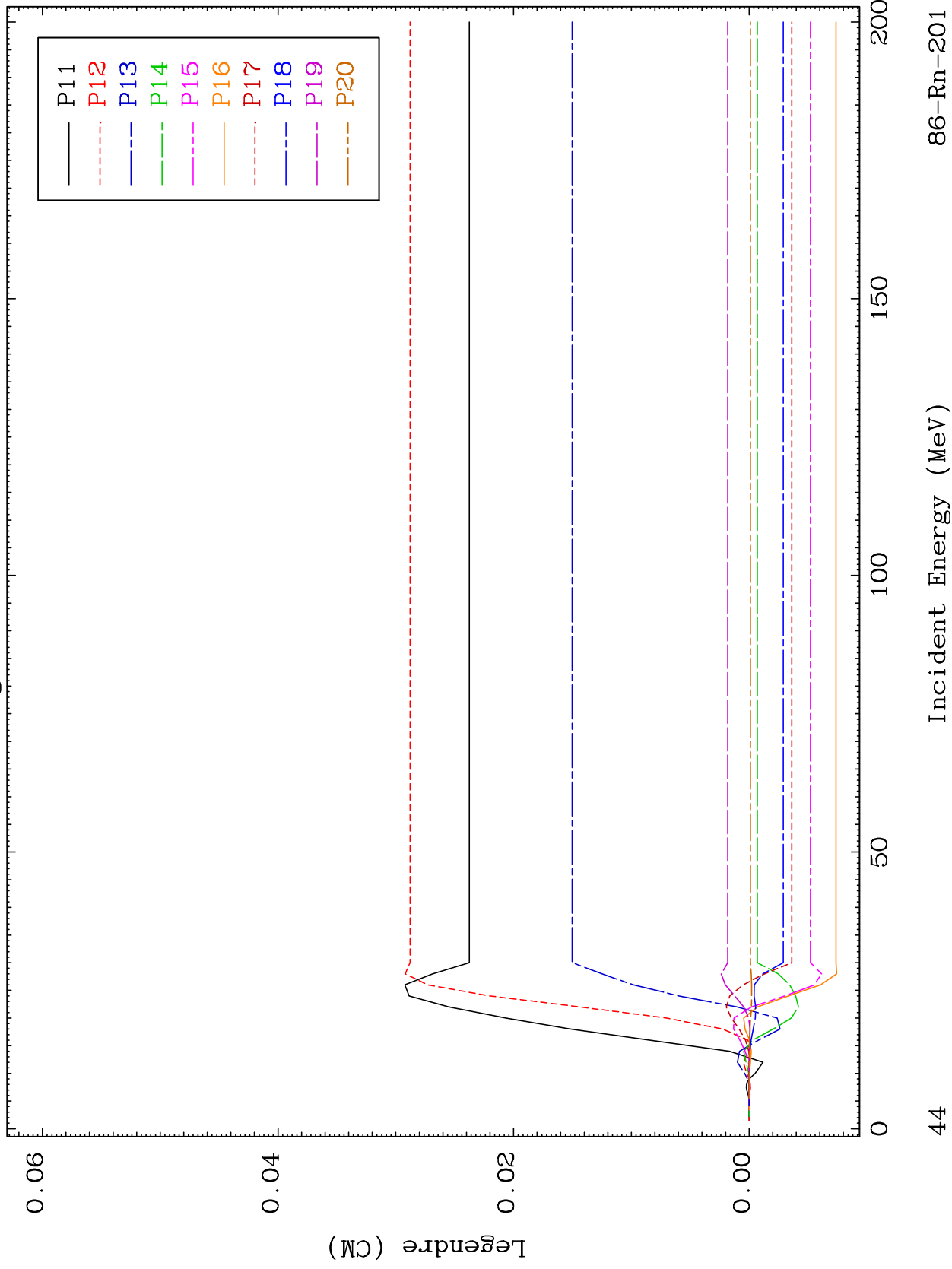
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



44

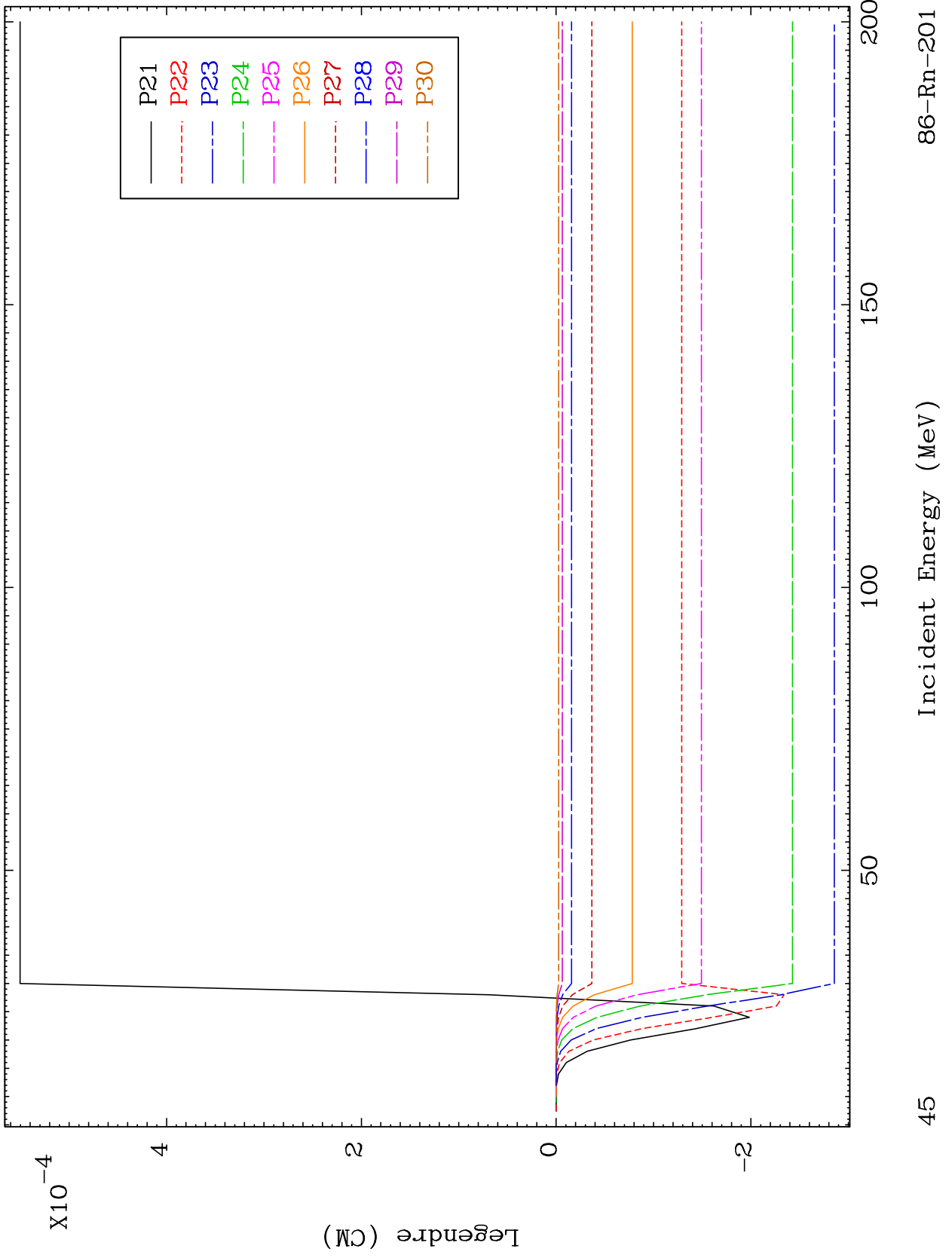
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

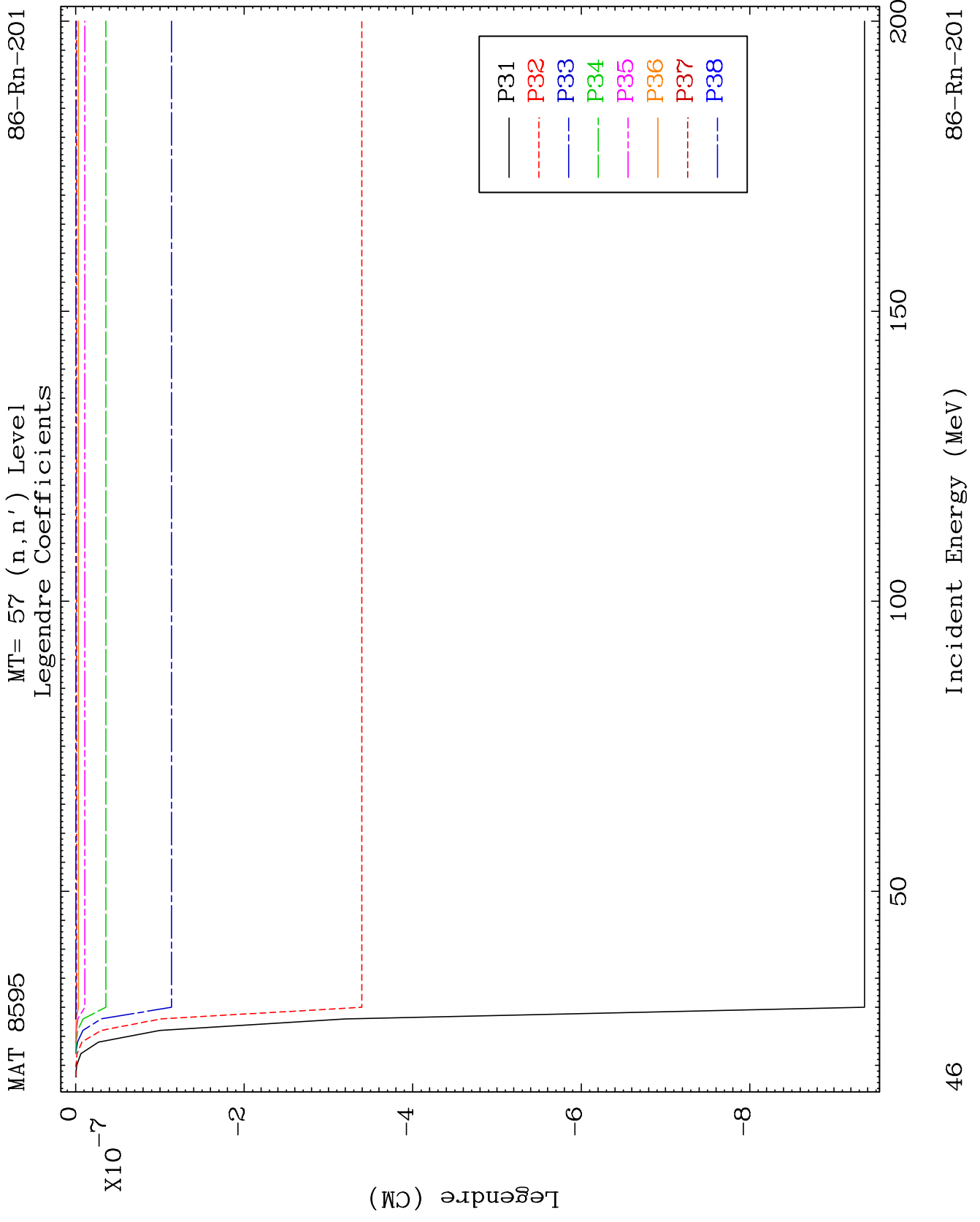
86-Rn-201



45

Incident Energy (MeV)

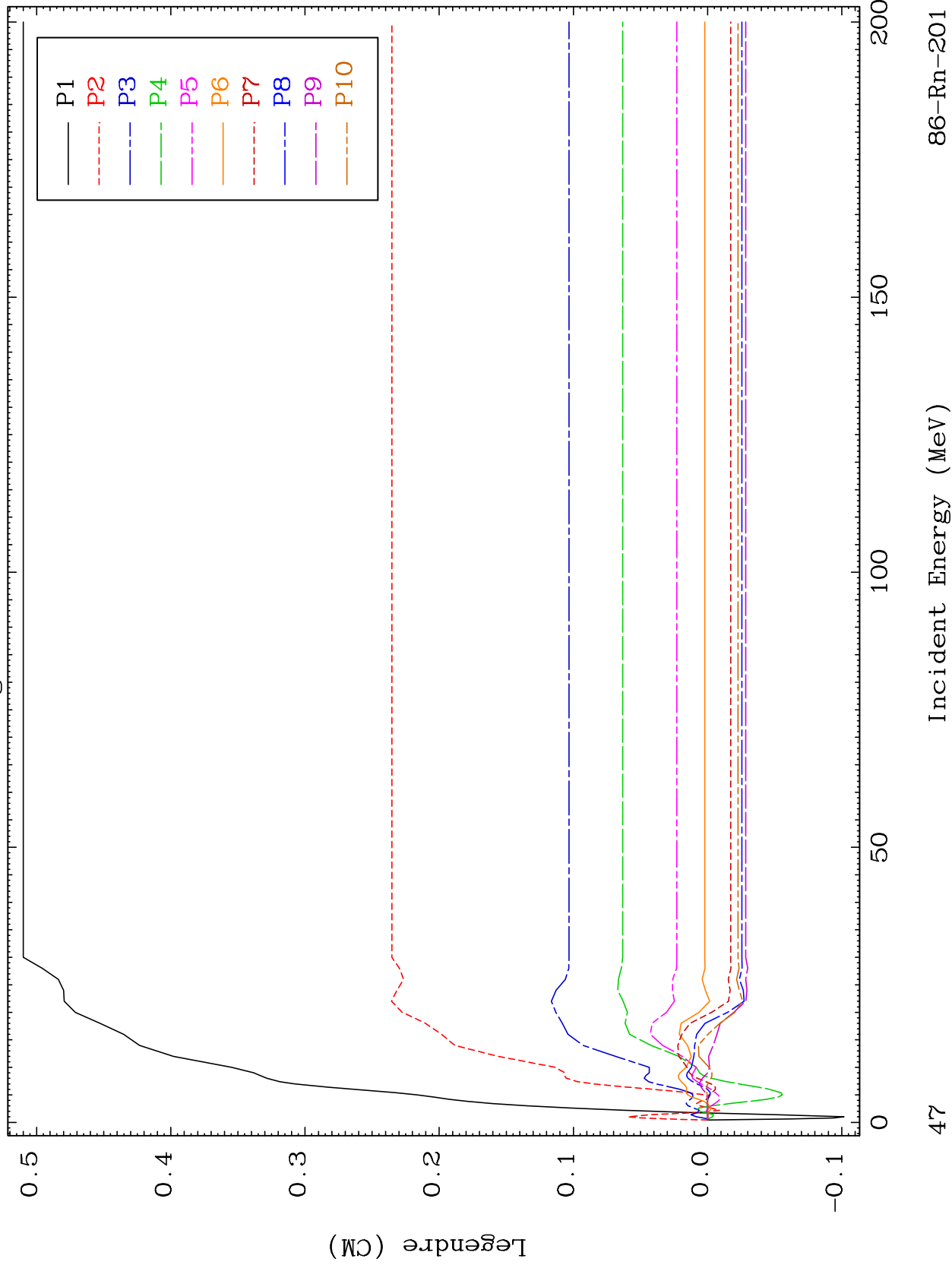
86-Rn-201



MAT 8595

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

86-Rn-201



86-Rn-201

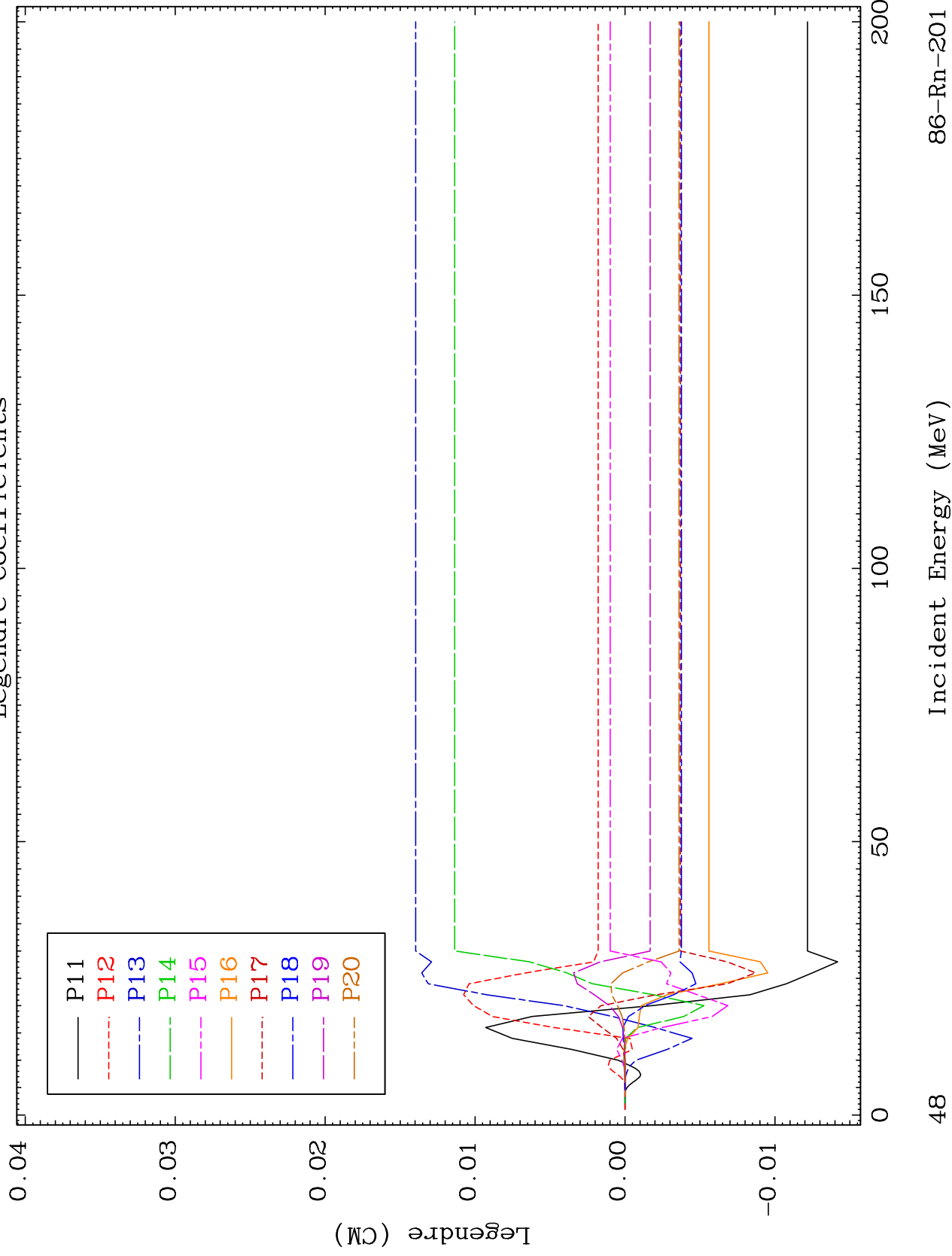
Incident Energy (MeV)

47

MAT 8595

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

86-Rn-201



48

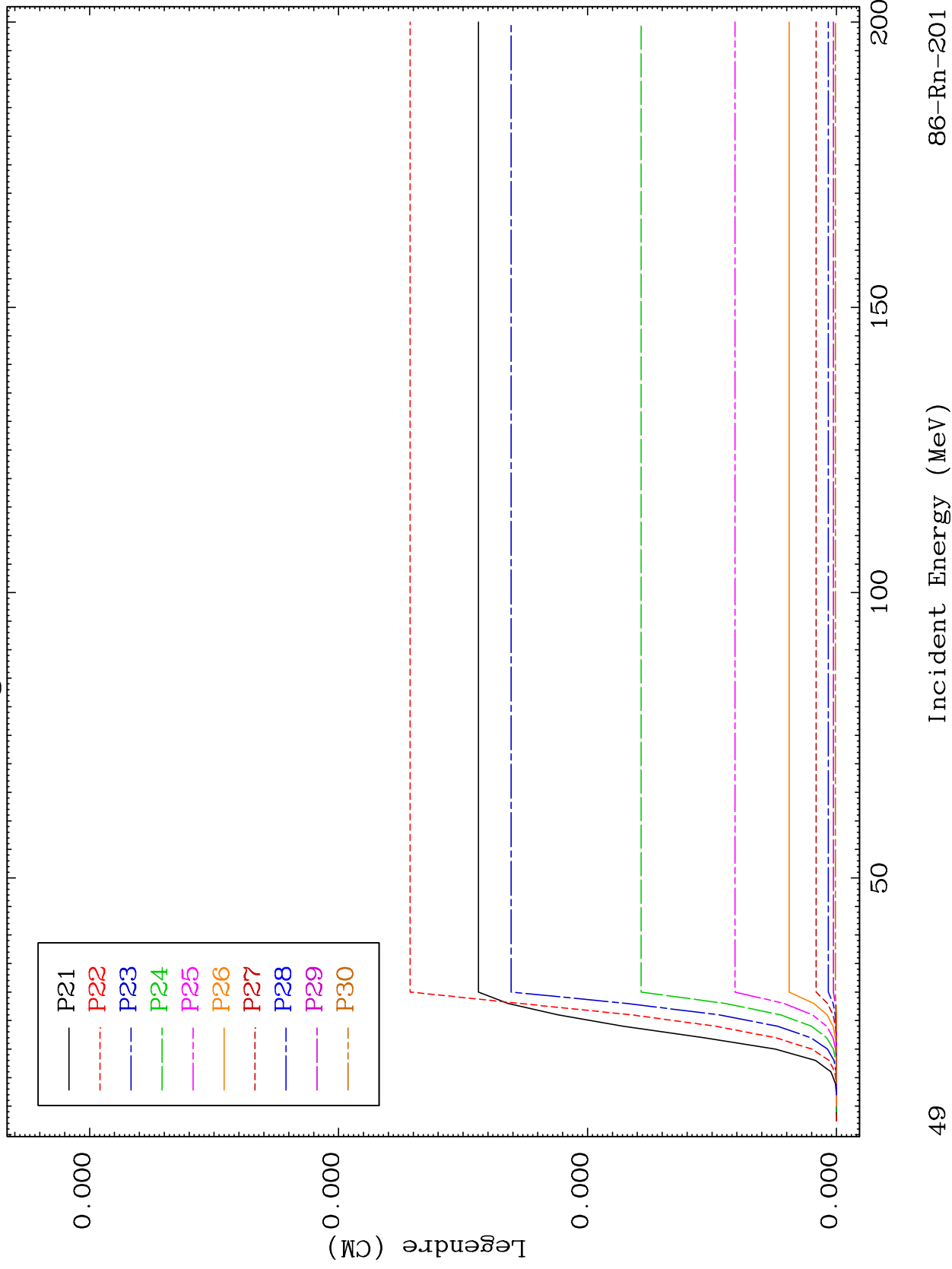
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

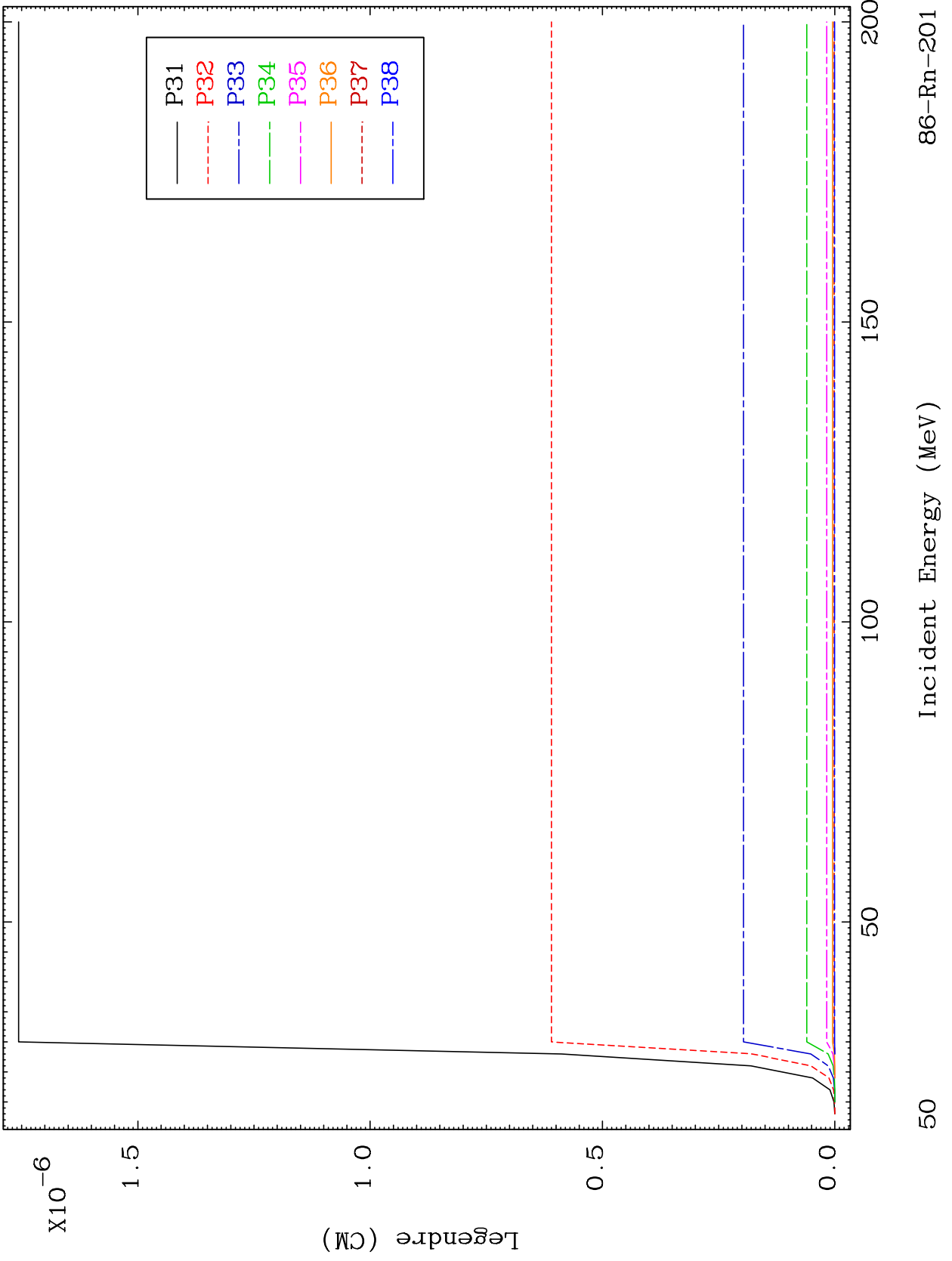
86-Rn-201



MAT 8595

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

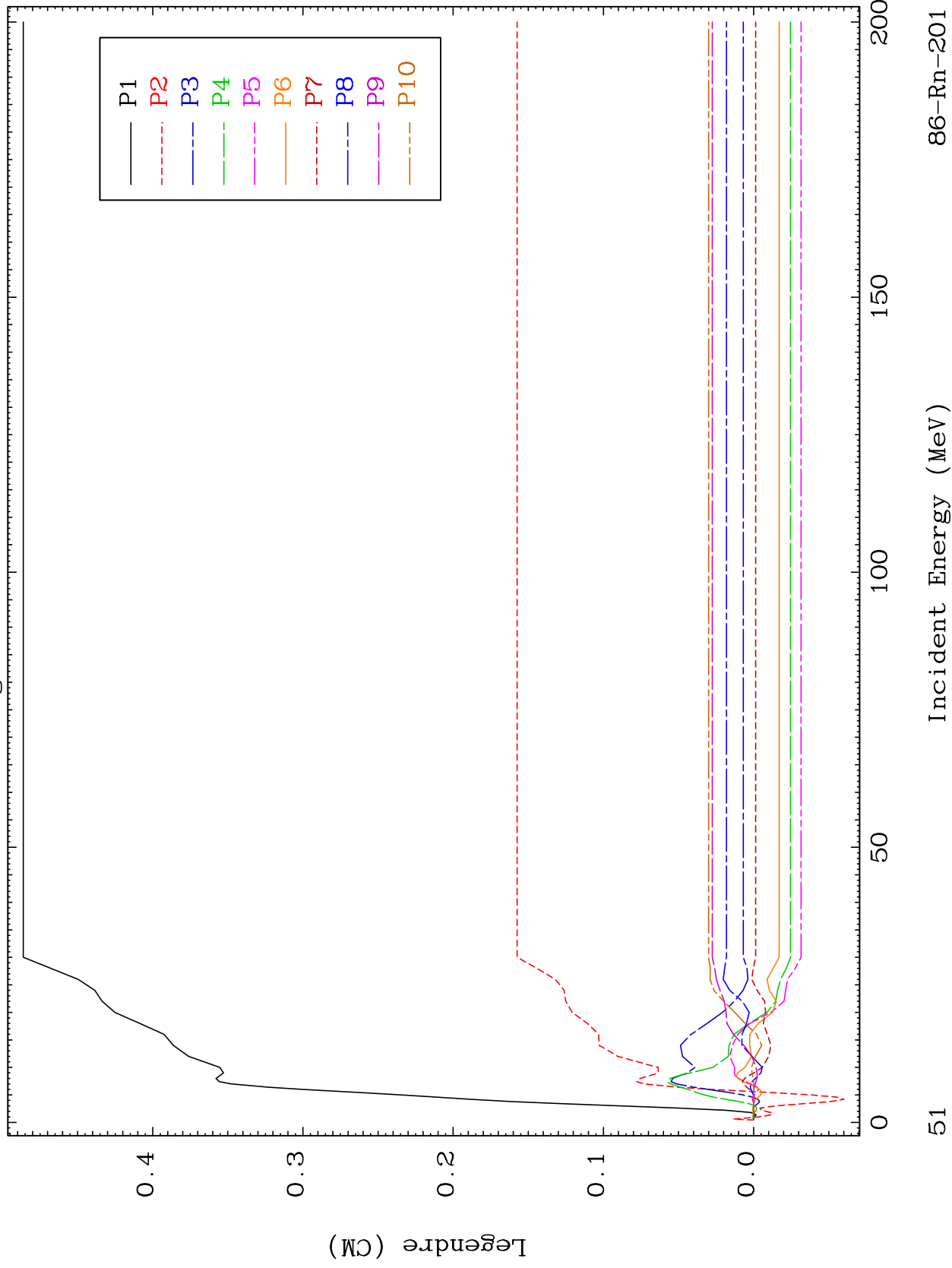
86-Rn-201



MAT 8595

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

86-Rn-201



51

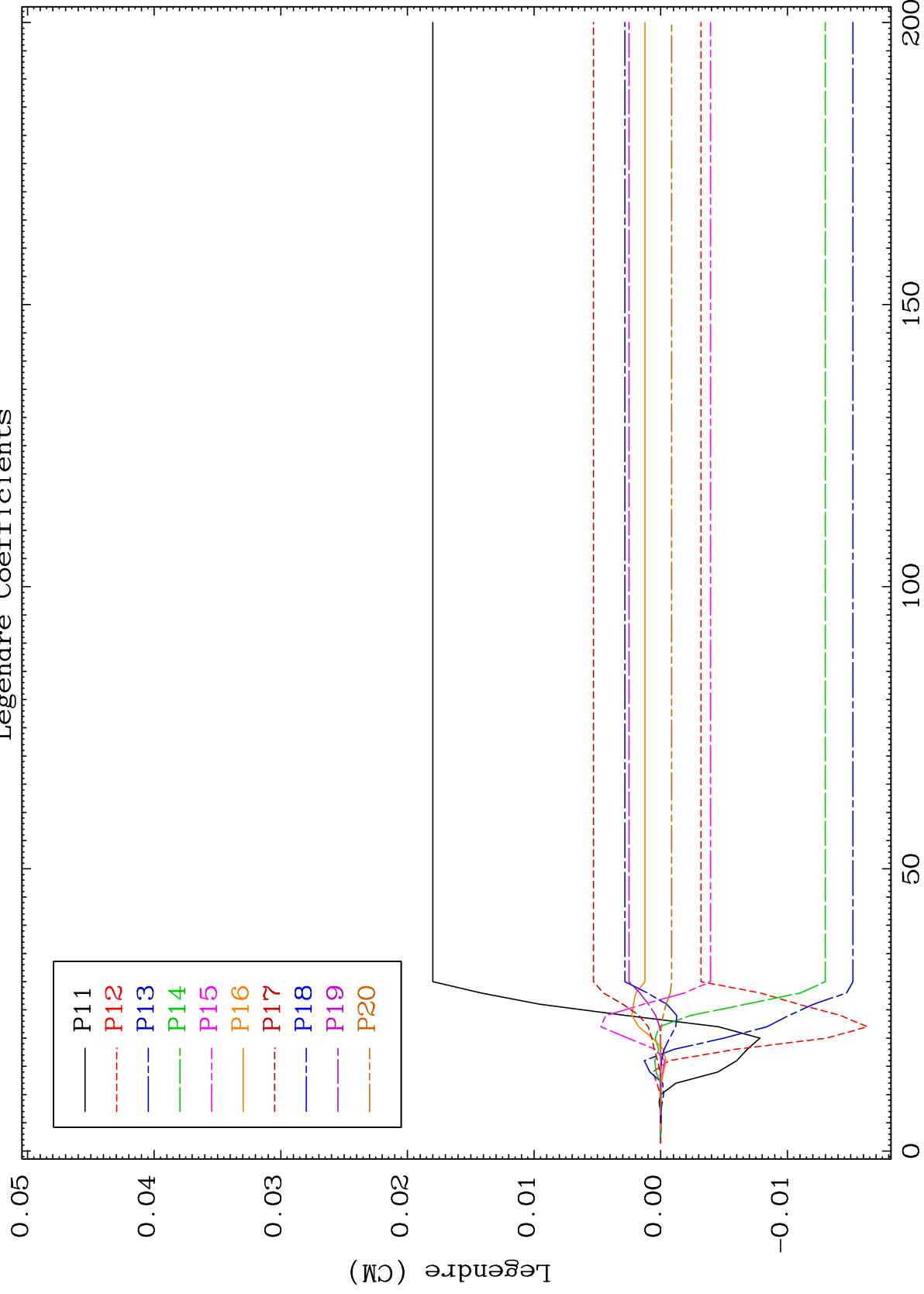
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

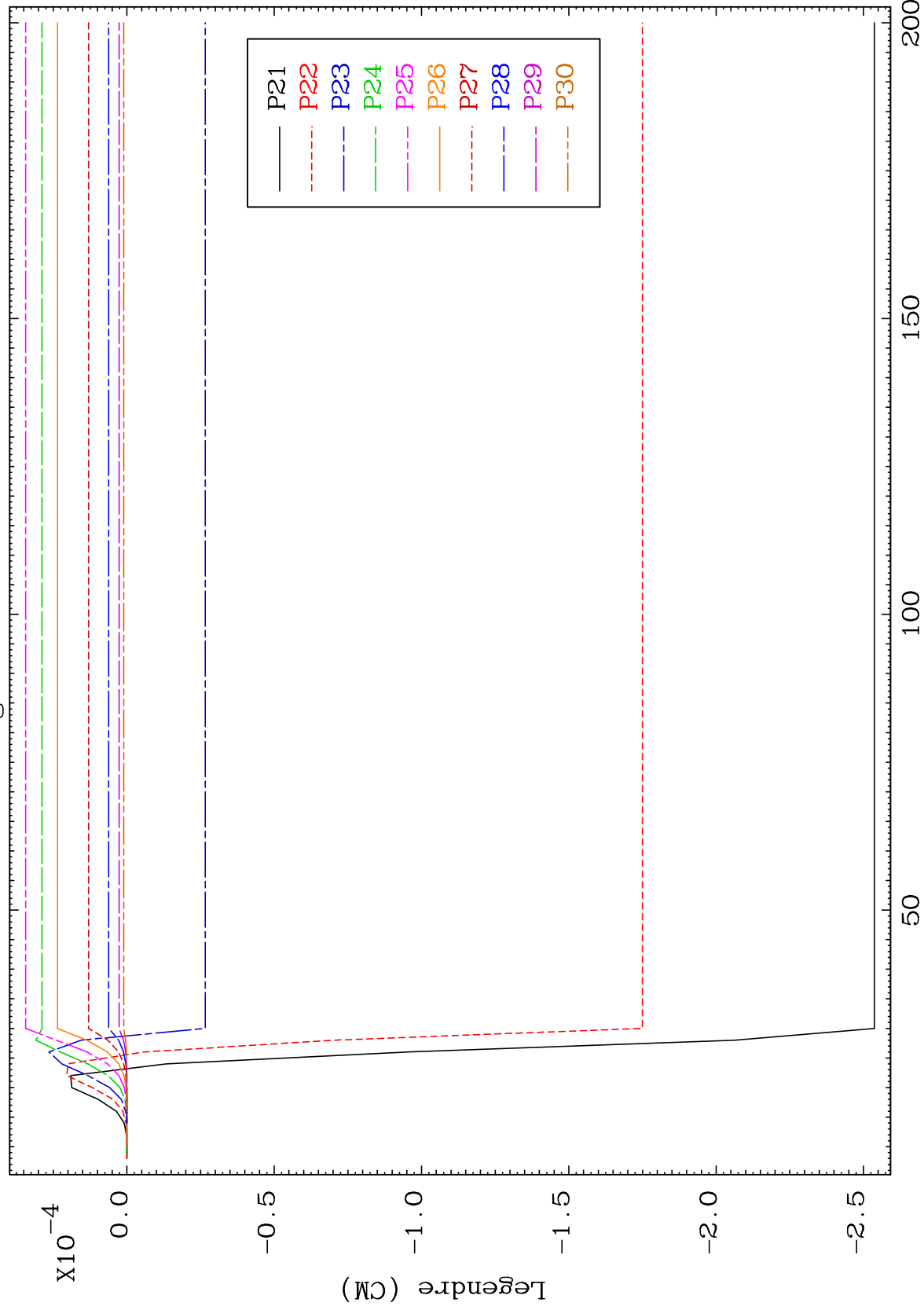
86-Rn-201



52

Incident Energy (MeV)

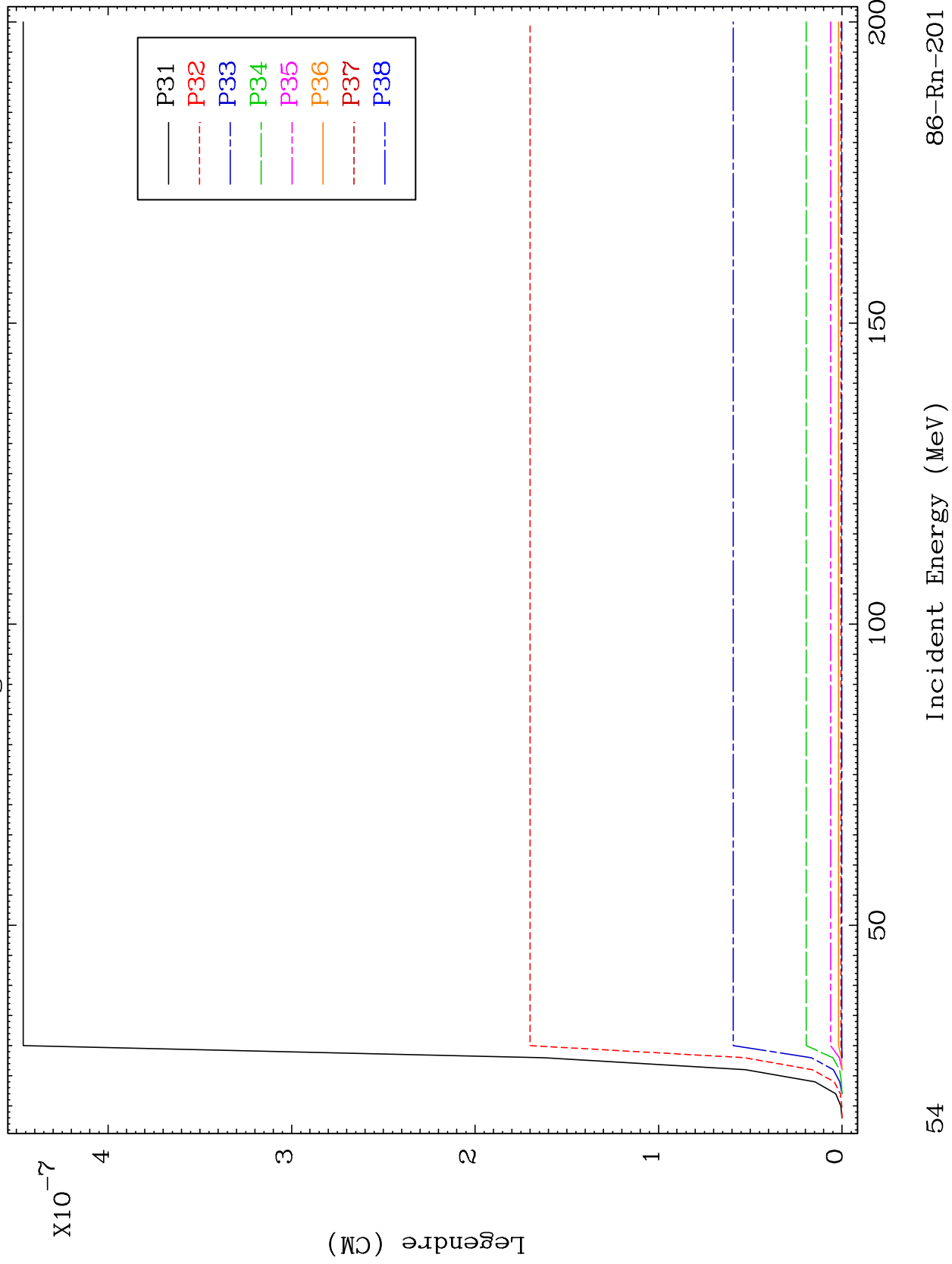
86-Rn-201



MAT 8595

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

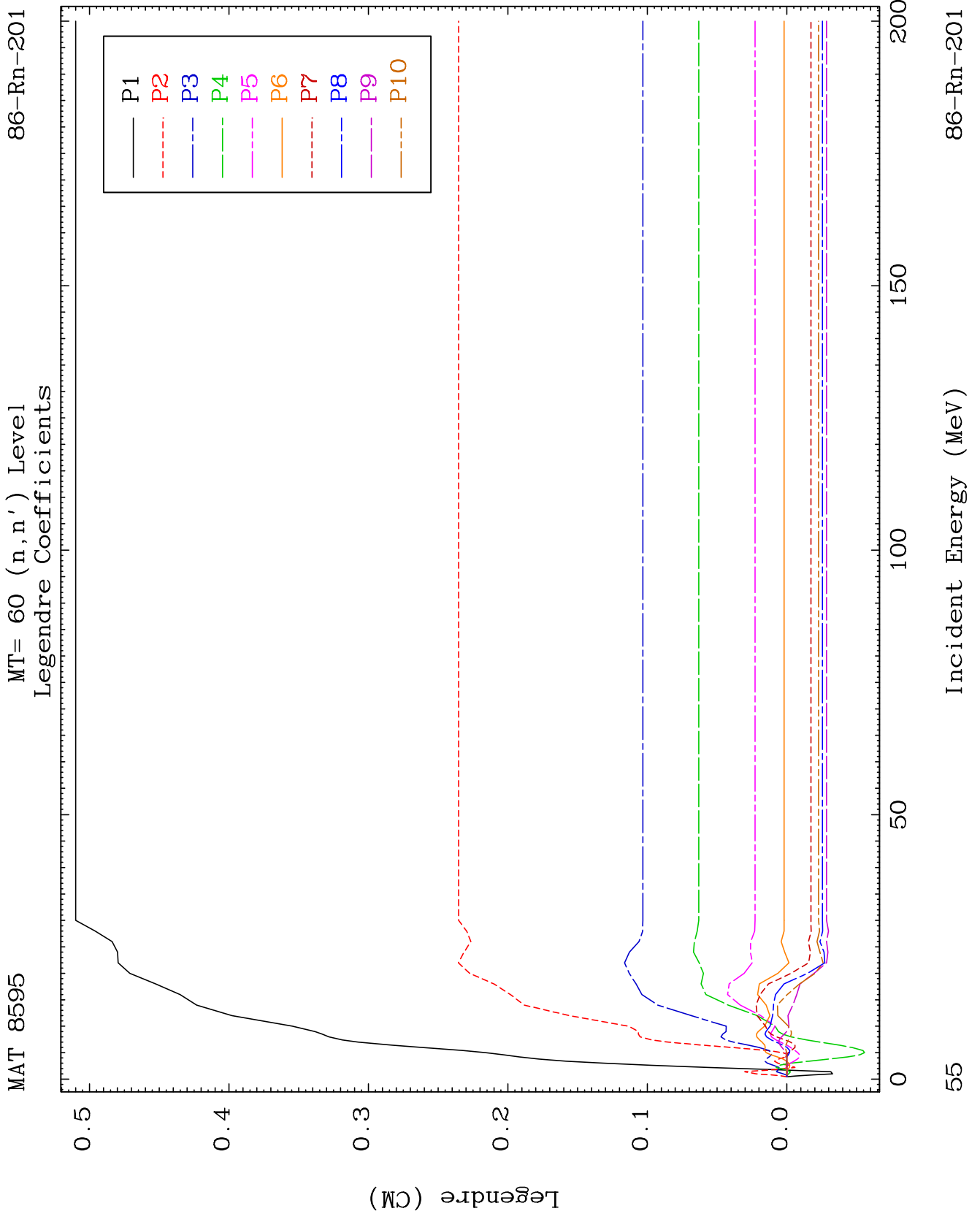
86-Rn-201

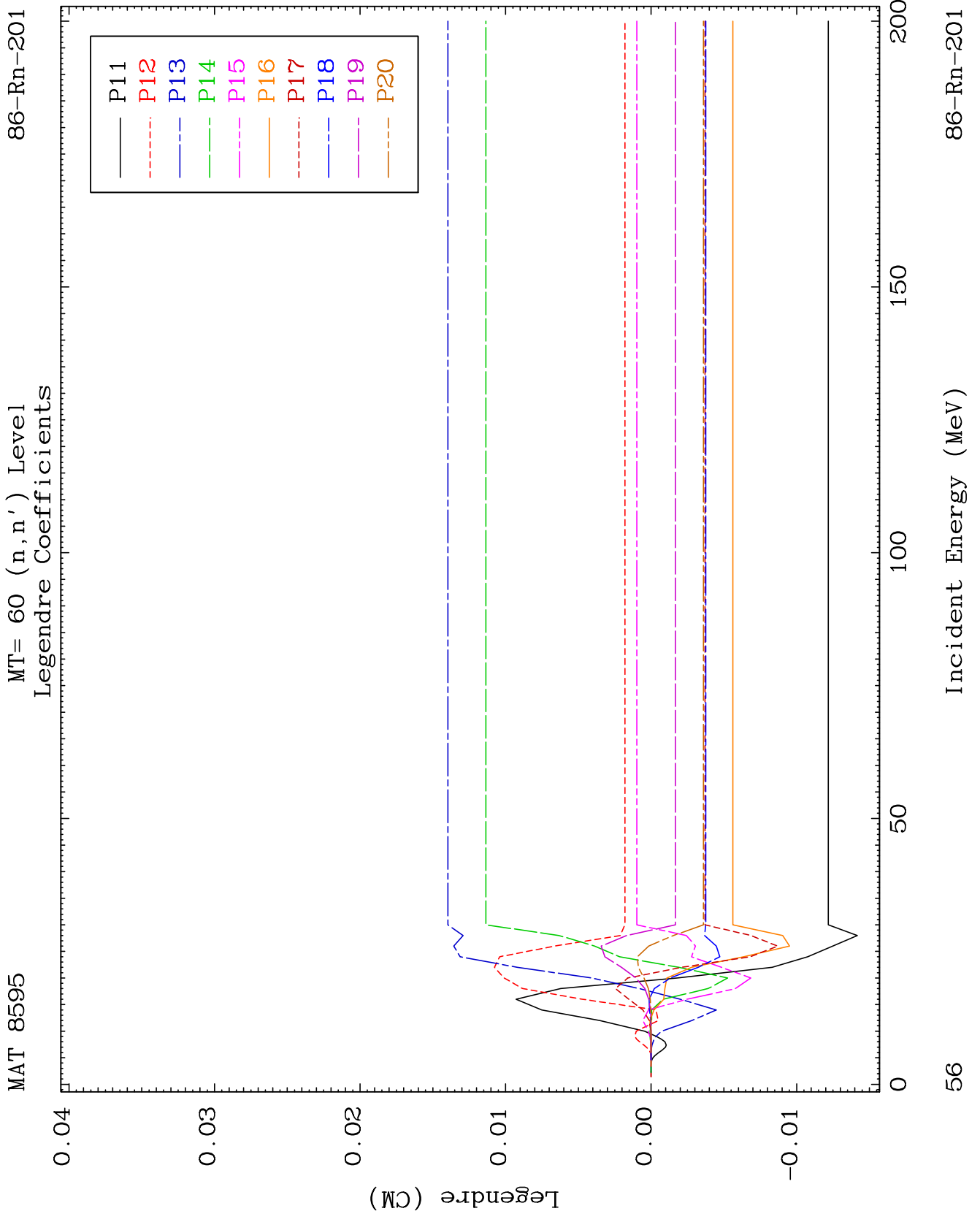


86-Rn-201

Incident Energy (MeV)

54

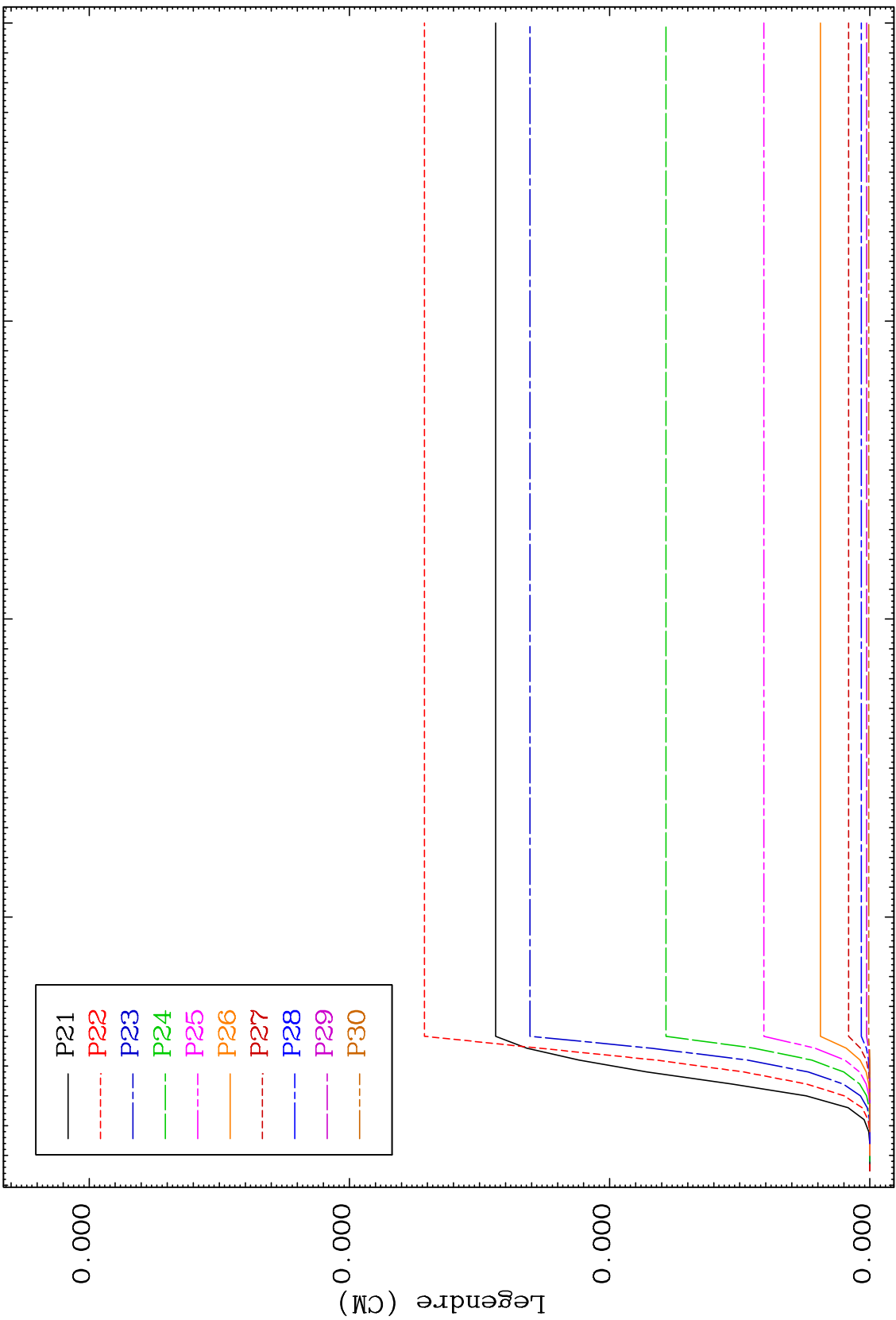




MAT 8595

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

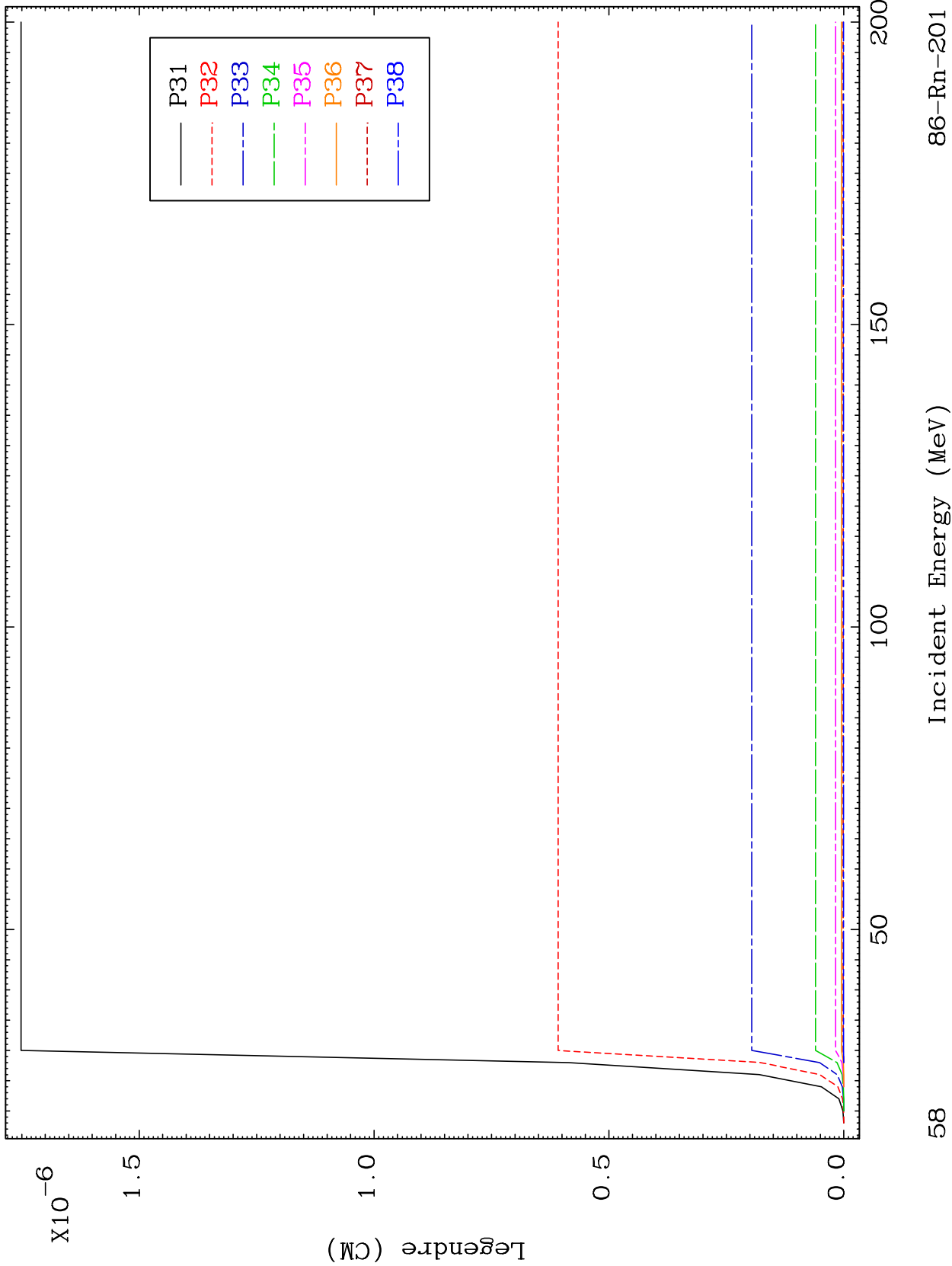
86-Rn-201



MAT 8595

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

86-Rn-201



58

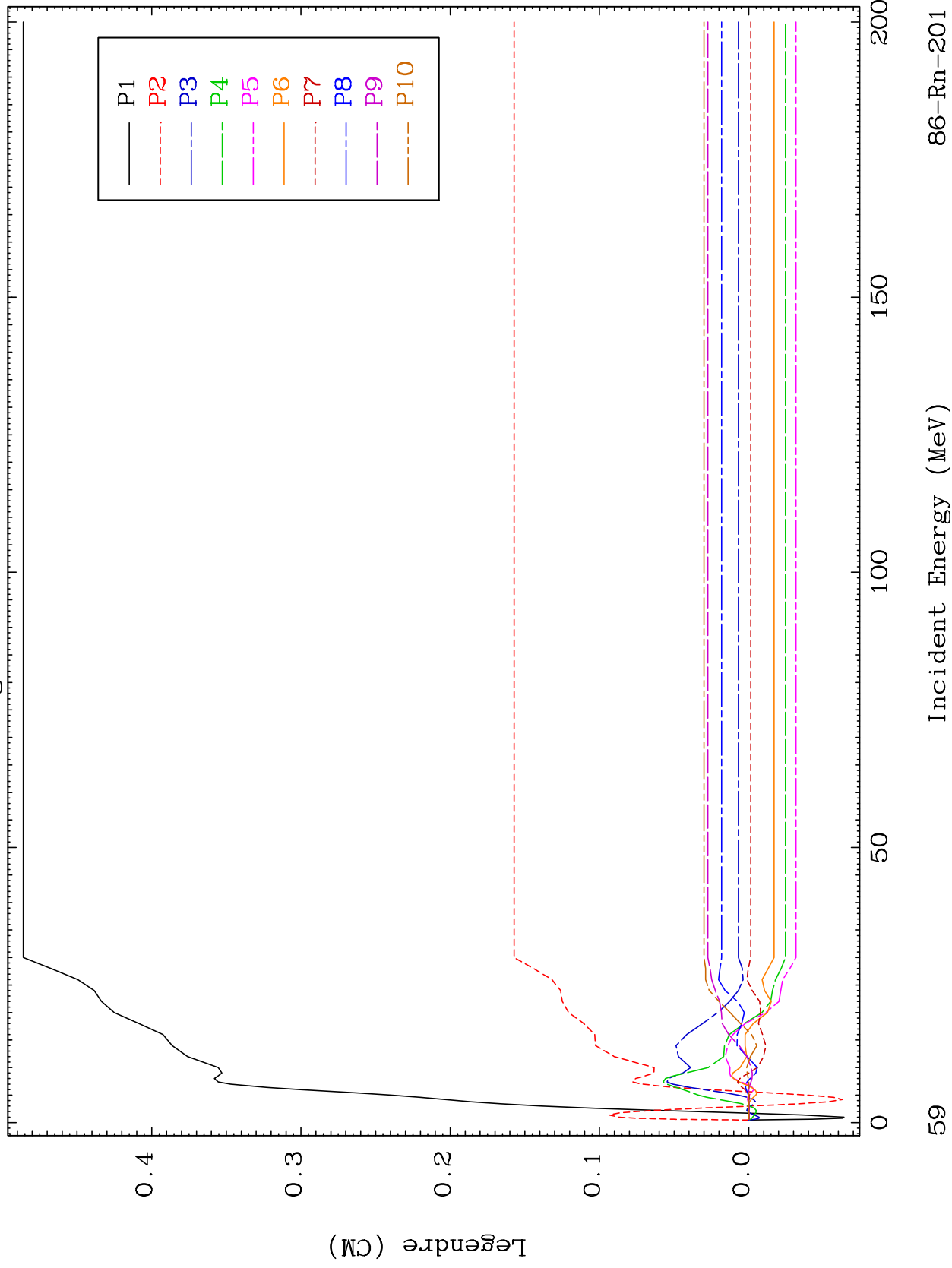
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

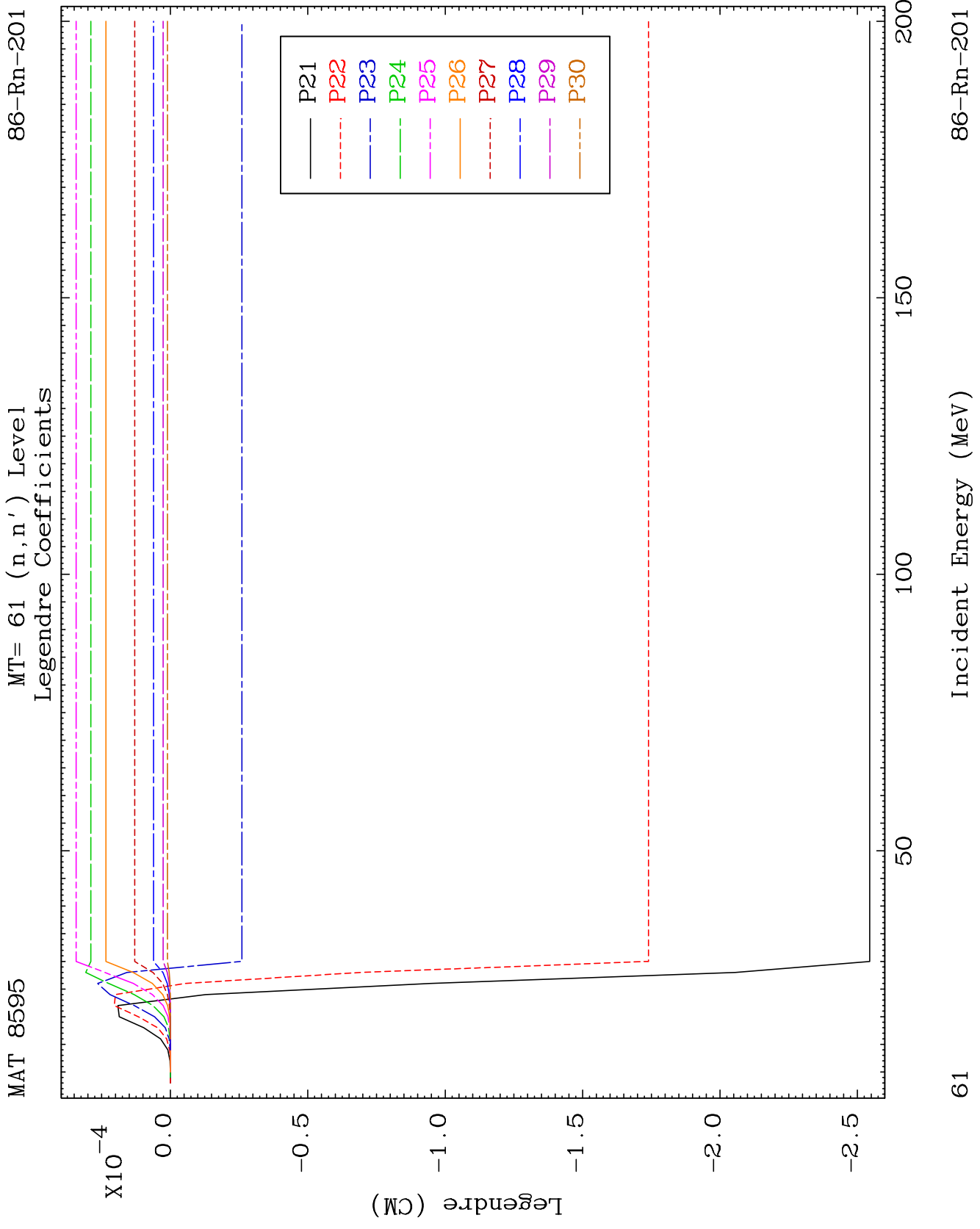
86-Rn-201



86-Rn-201

Incident Energy (MeV)

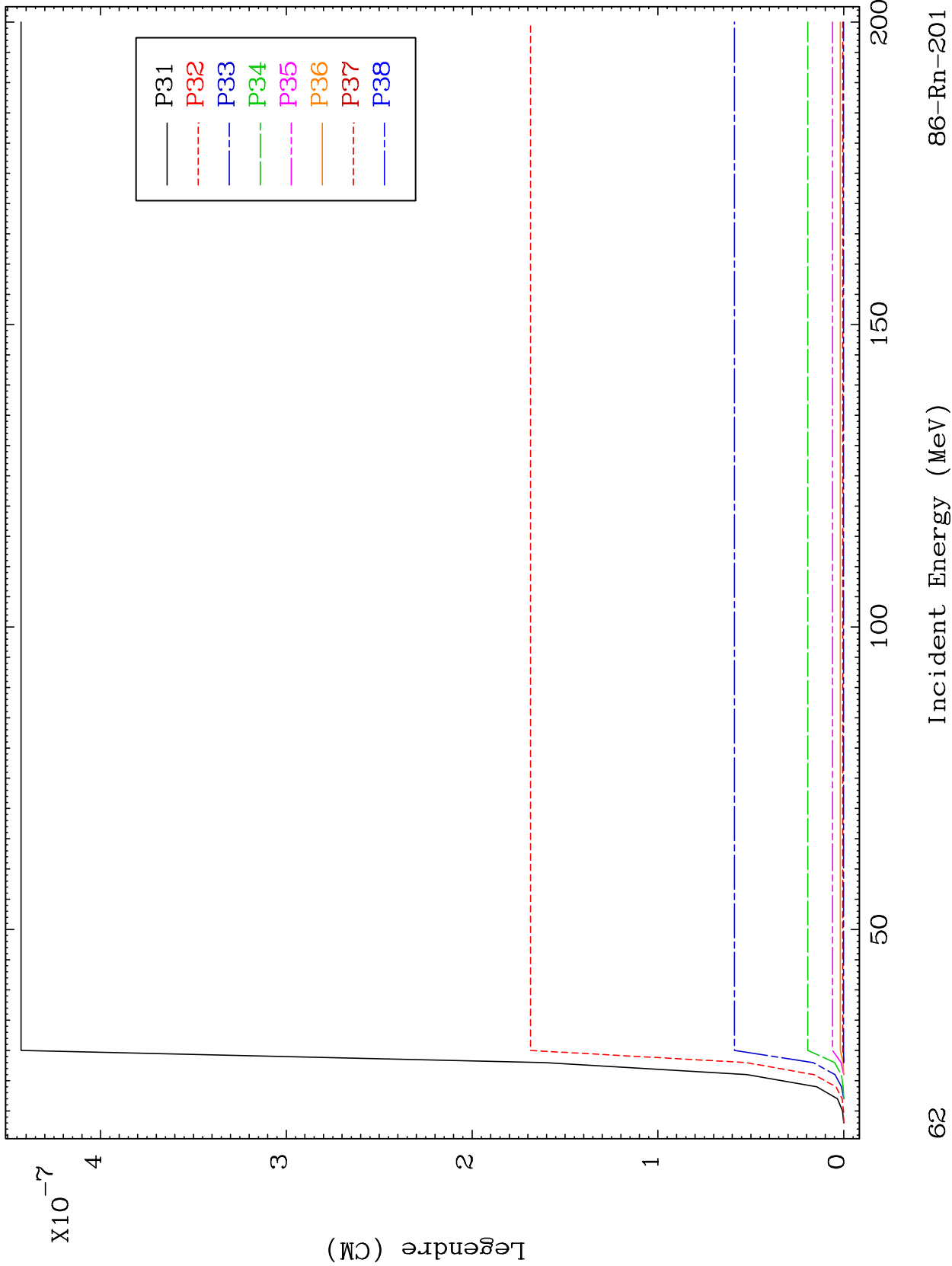
59



MAT 8595

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

86-Rn-201



62

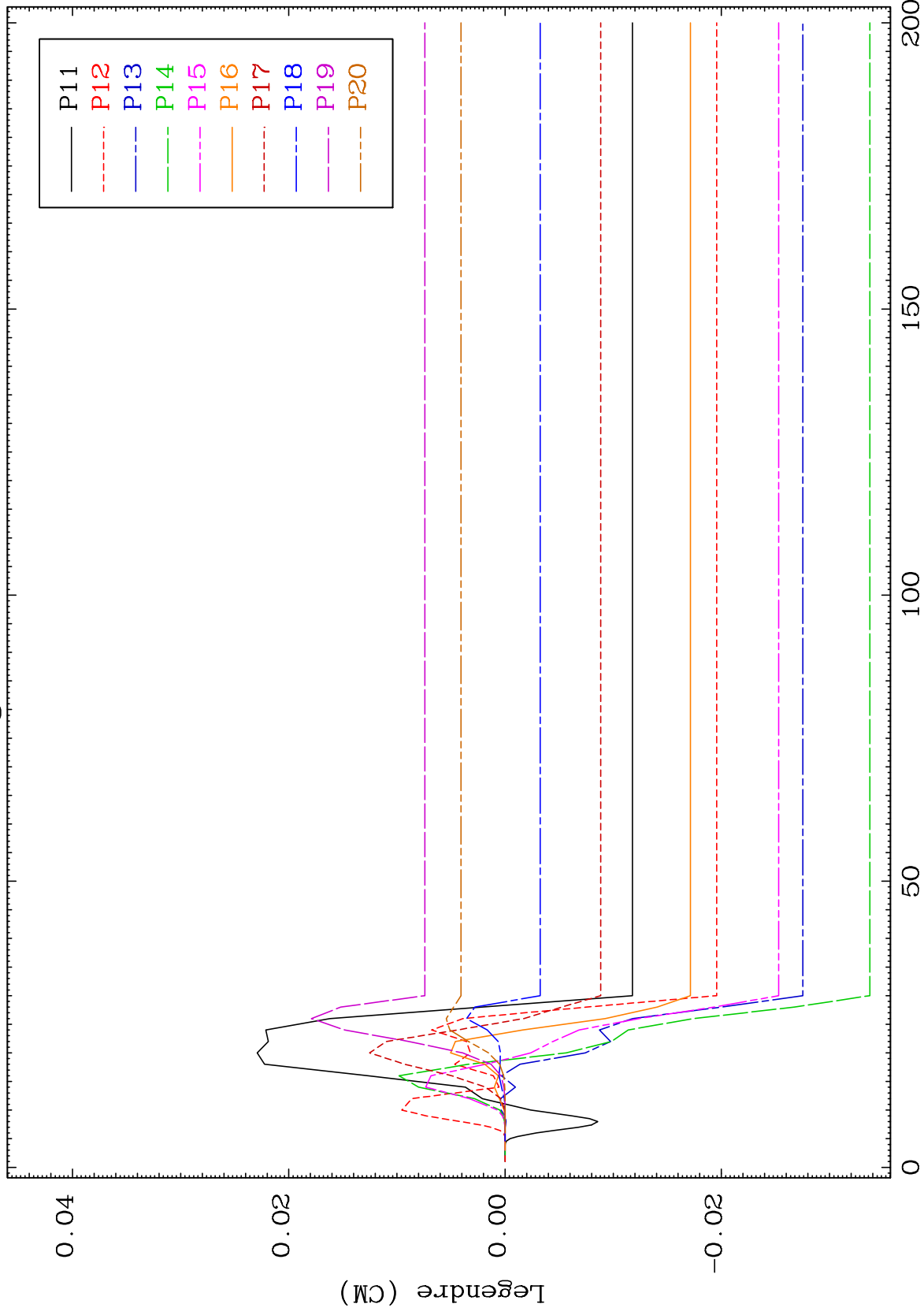
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



64

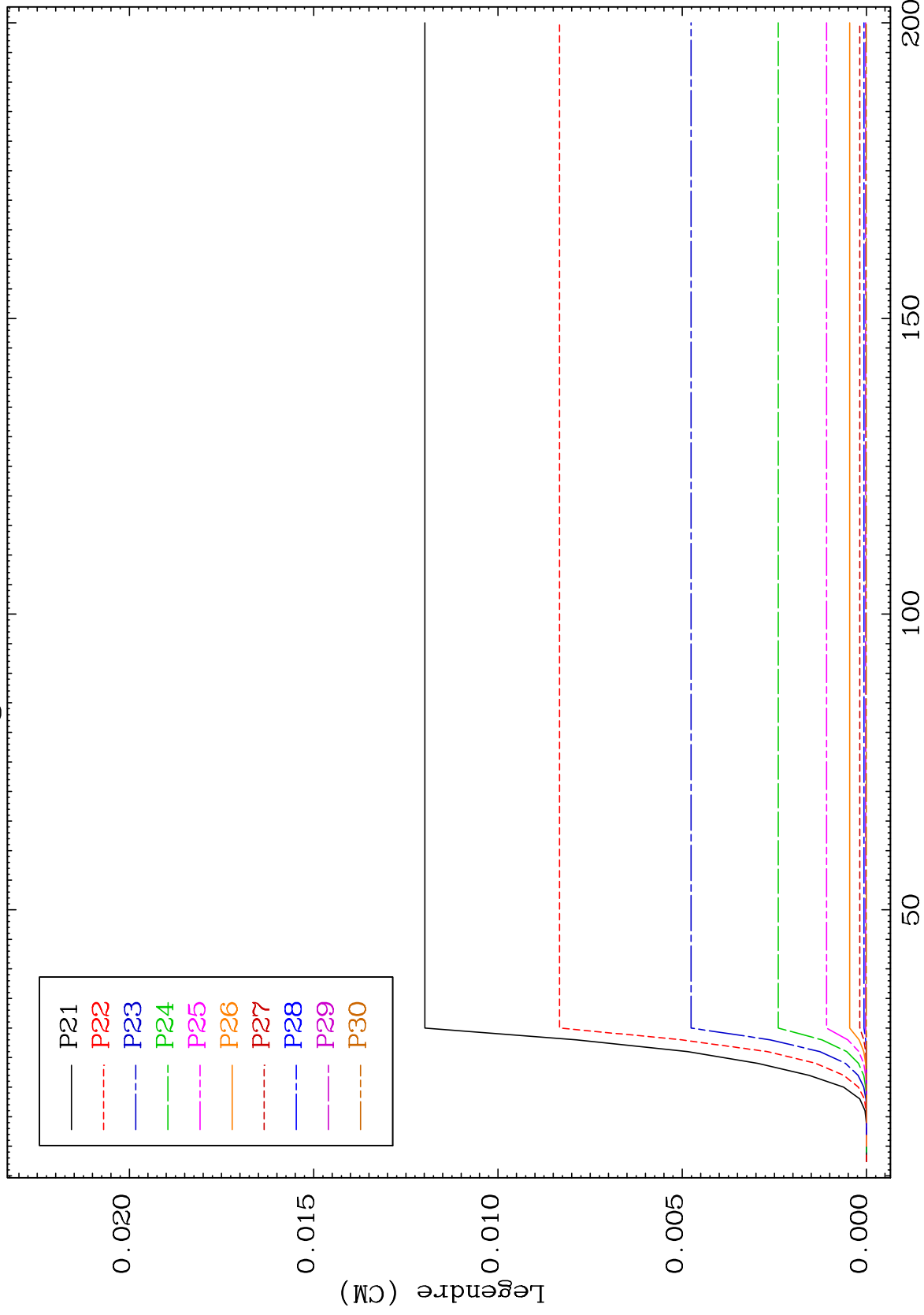
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



65

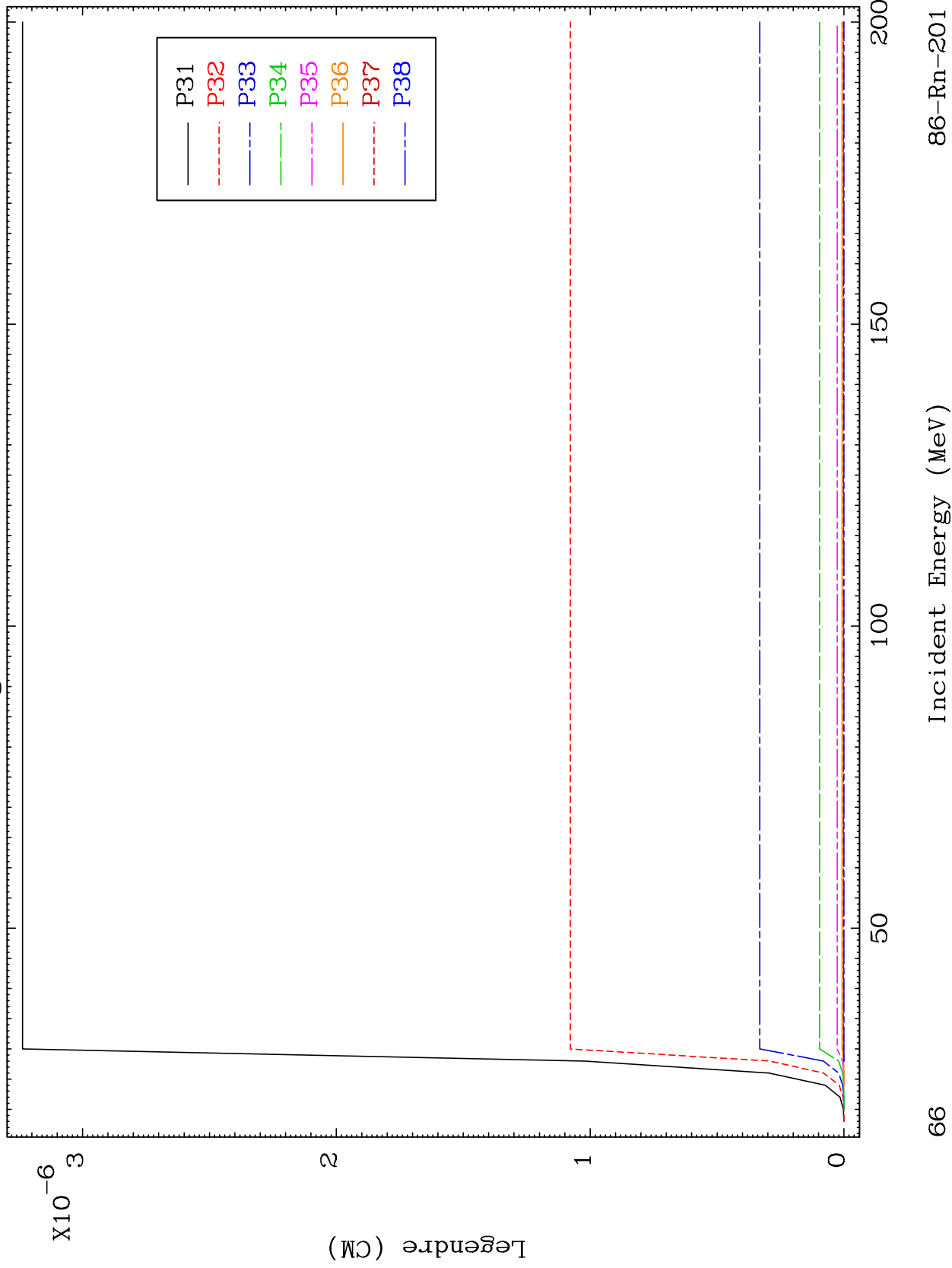
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



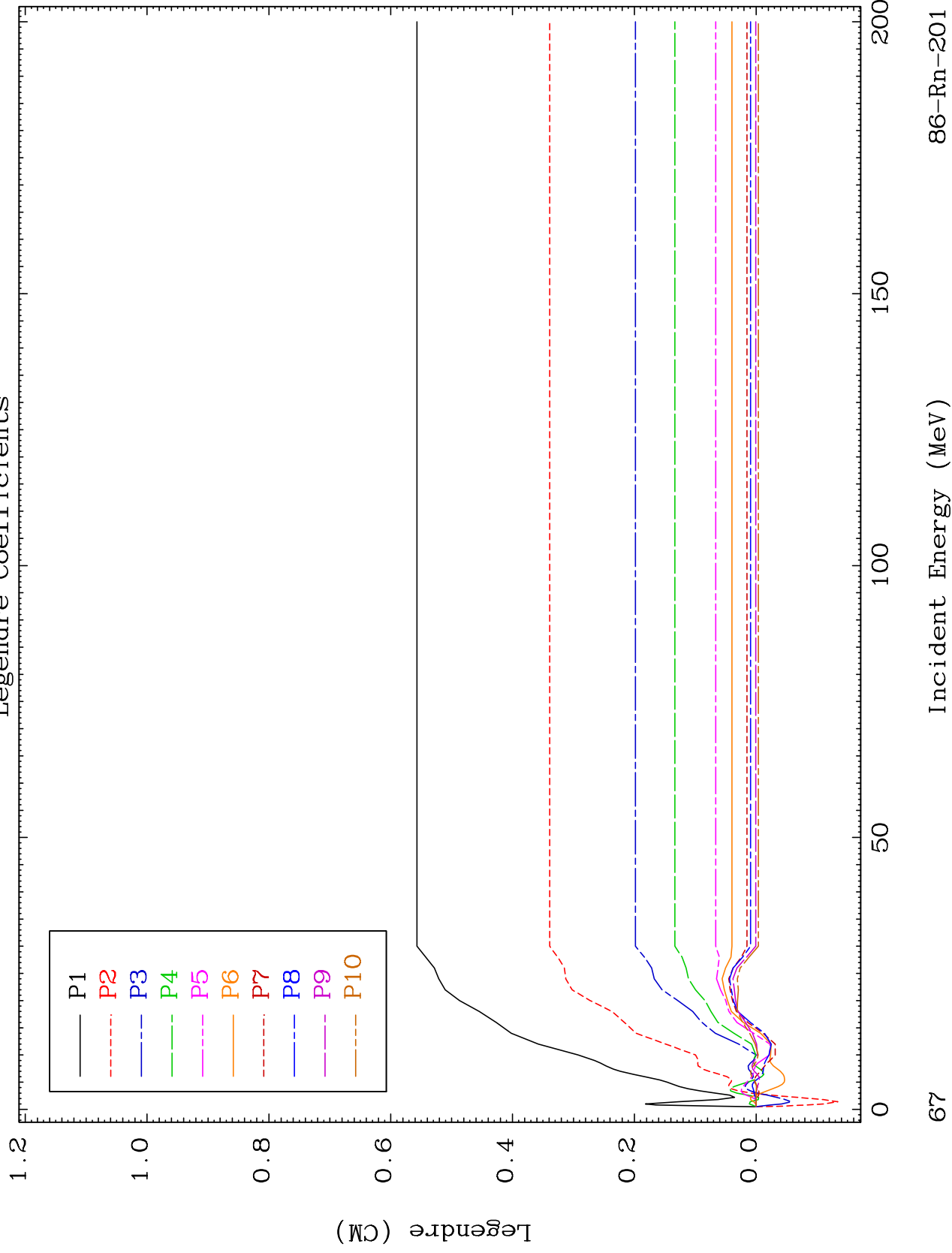
66

86-Rn-201

MAT 8595

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

86-Rn-201



86-Rn-201

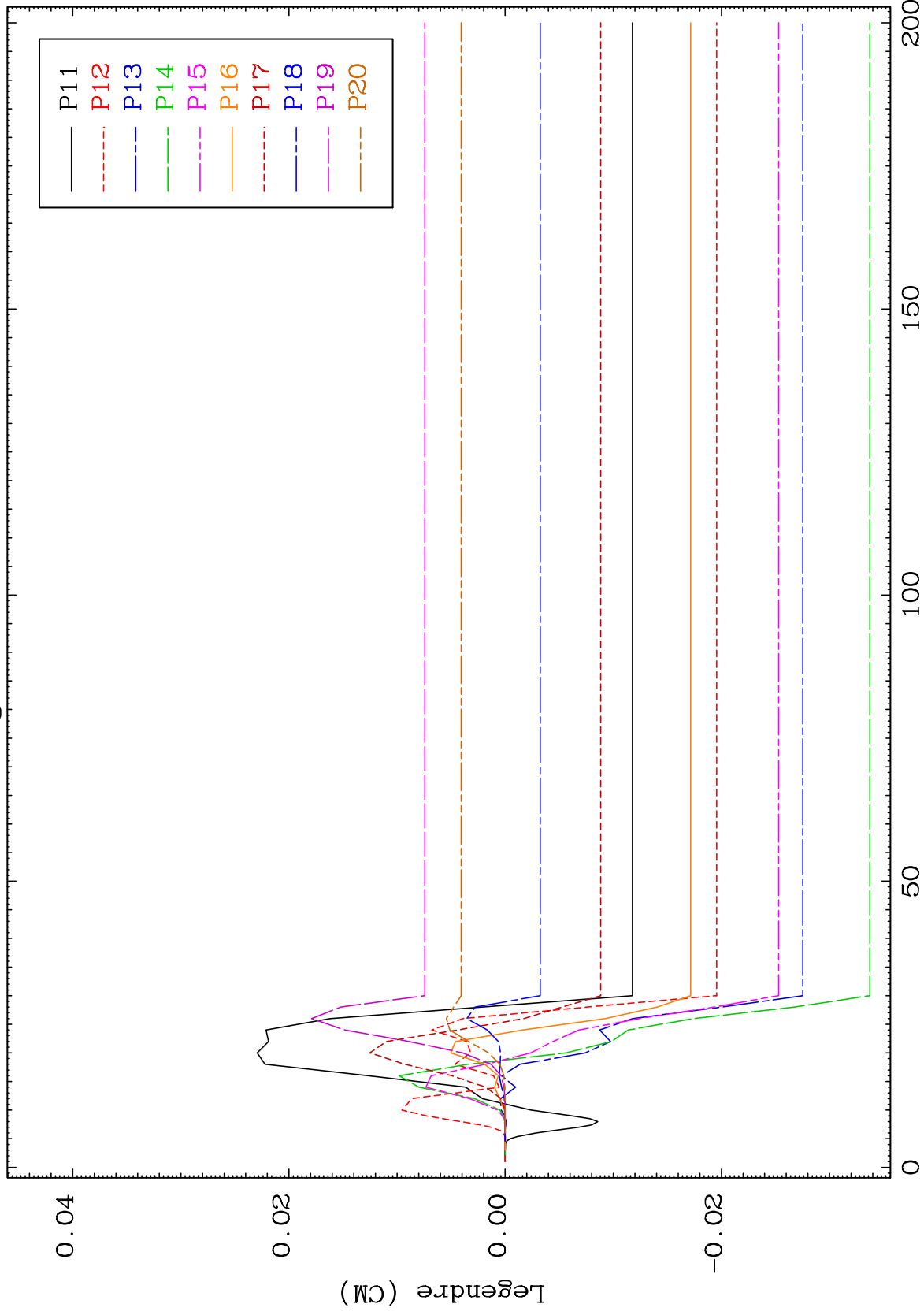
Incident Energy (MeV)

67

MAT 8595

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

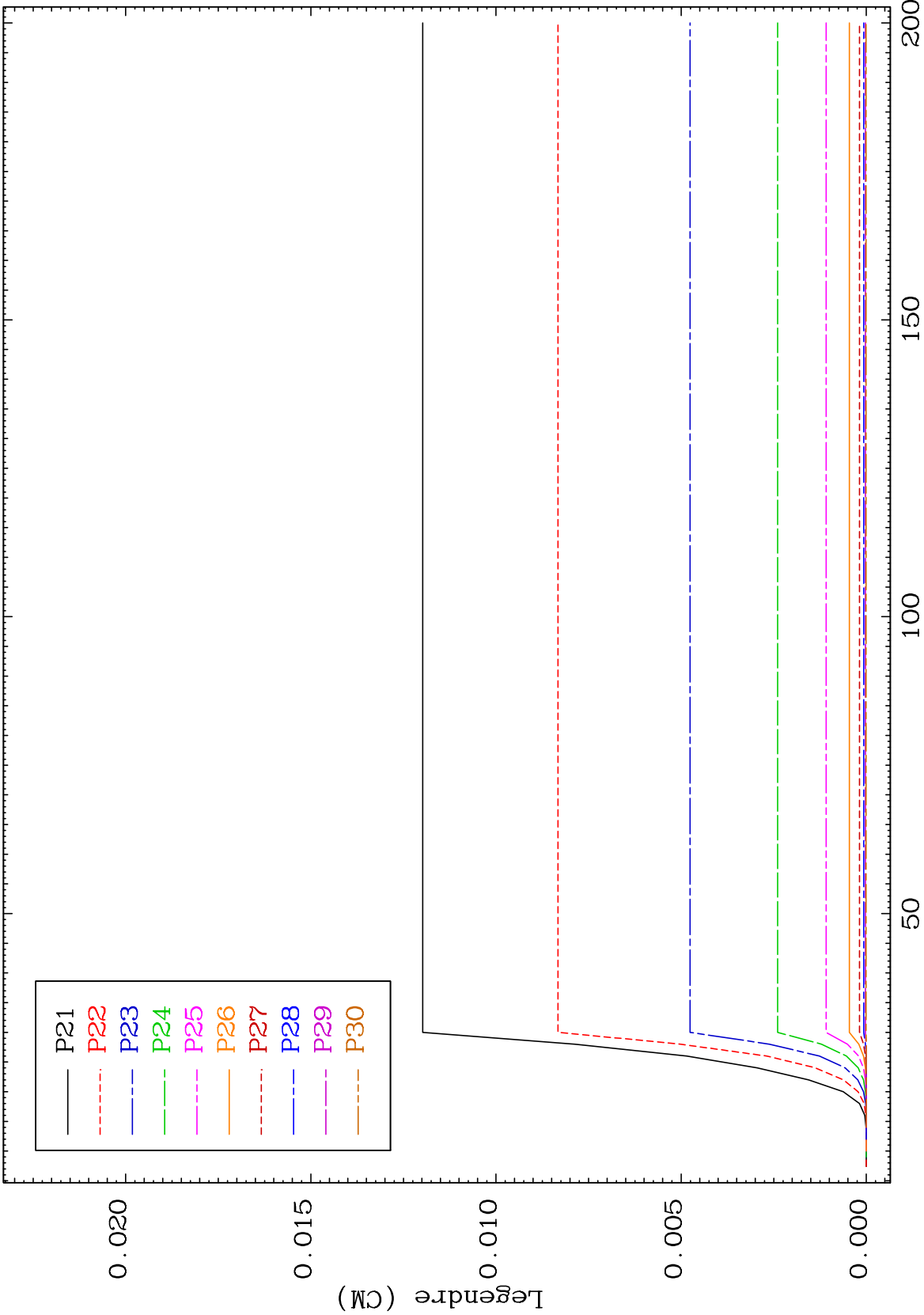
86-Rn-201



68

Incident Energy (MeV)

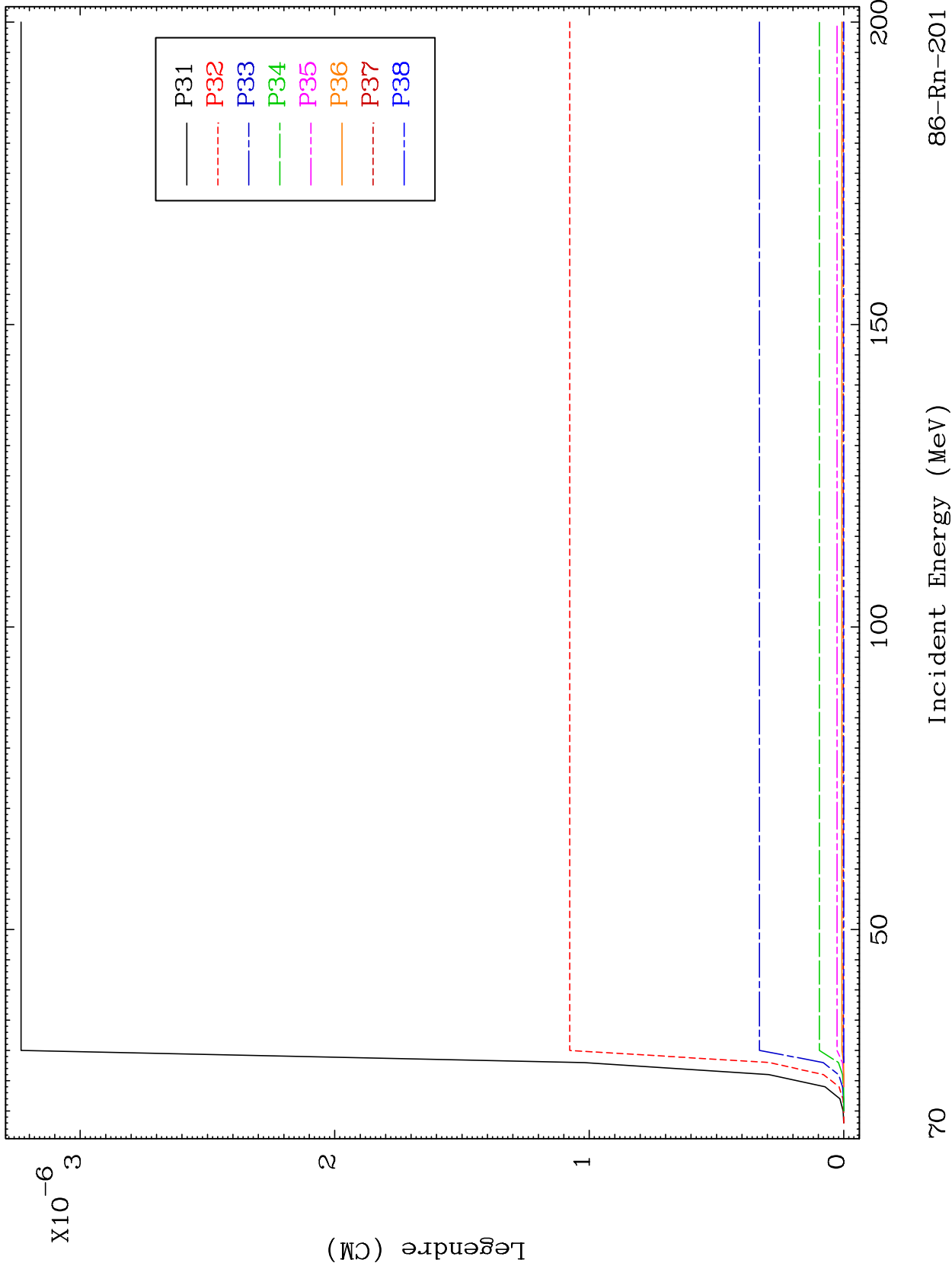
86-Rn-201



MAT 8595

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

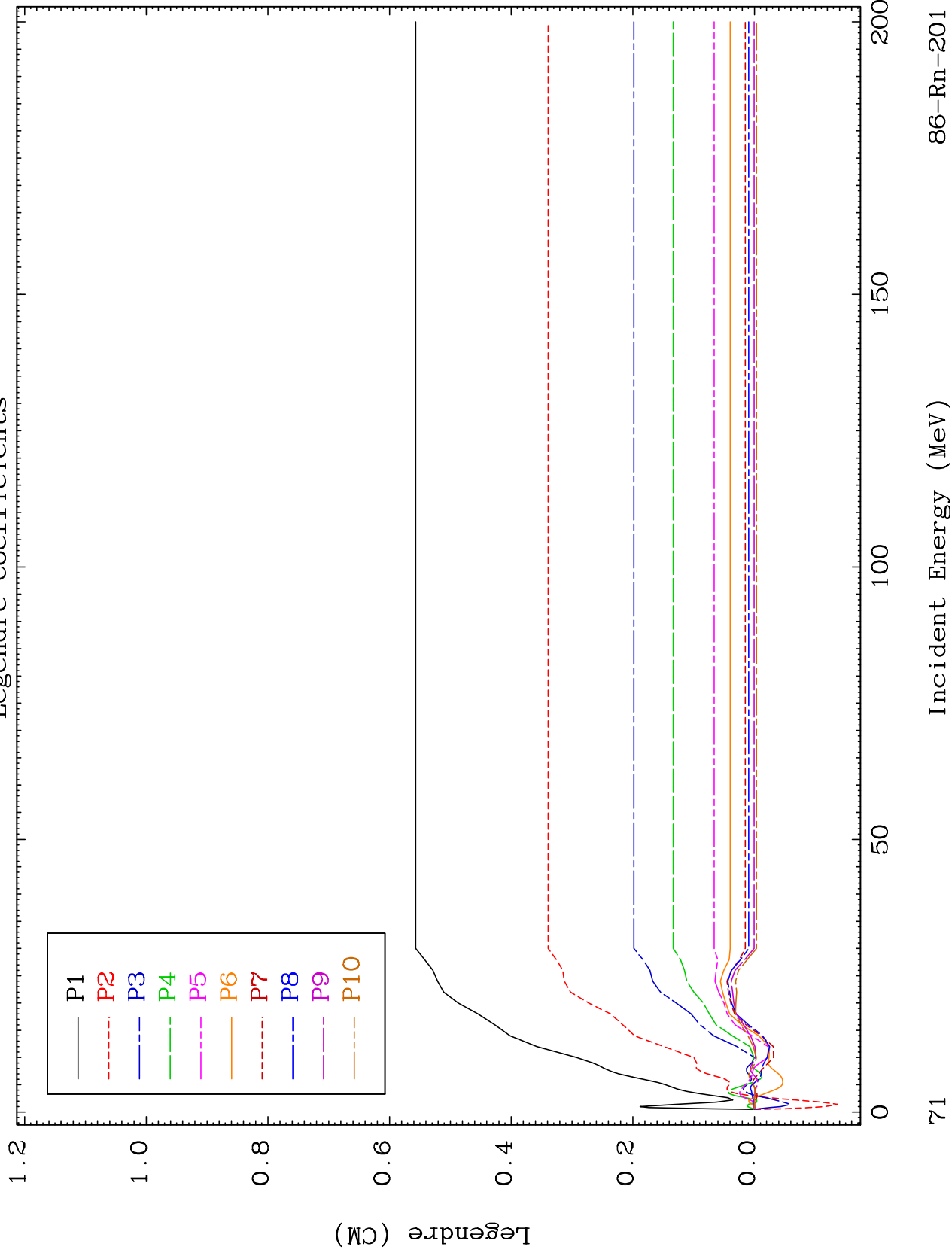
86-Rn-201



MAT 8595

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

86-Rn-201



71

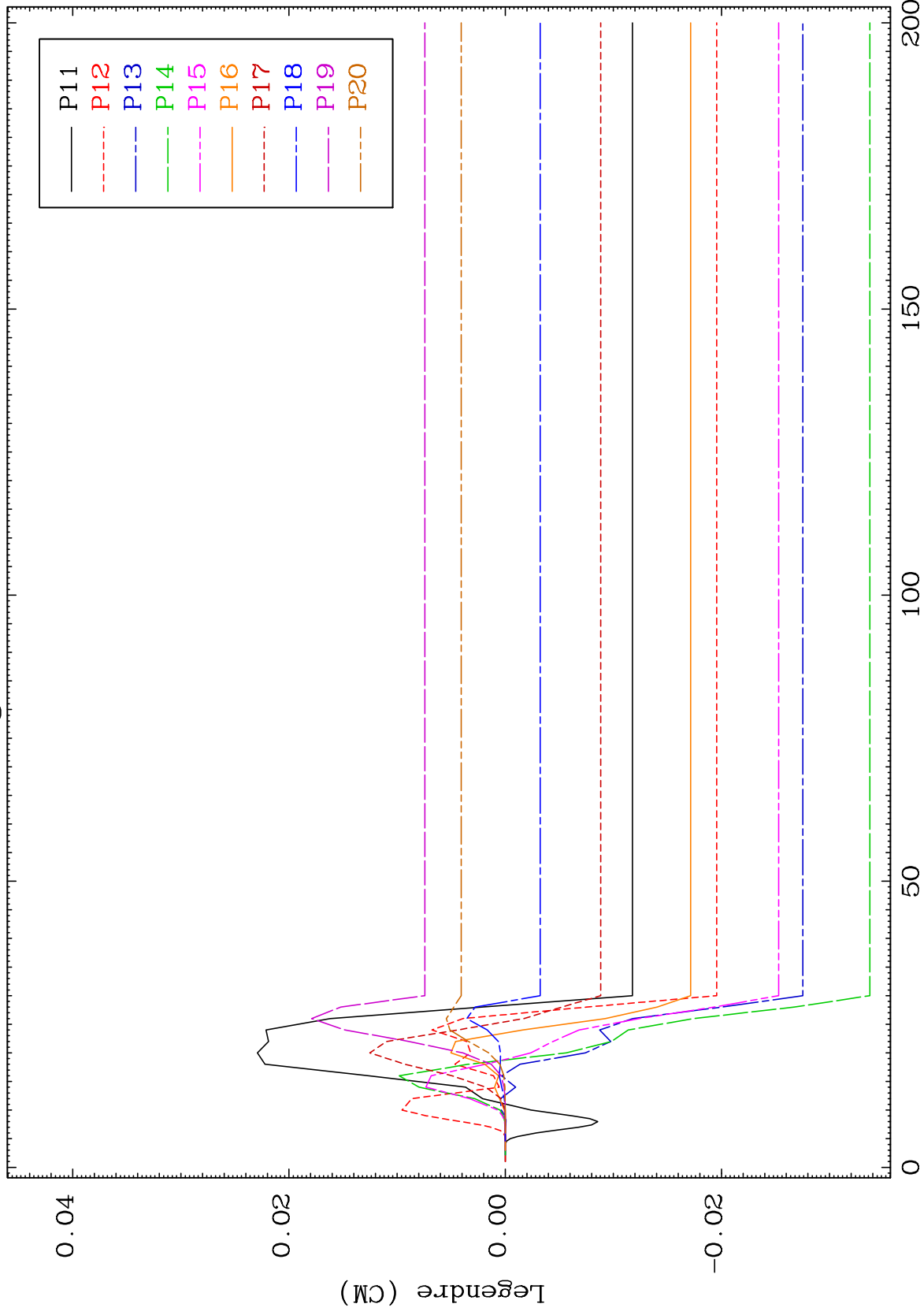
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



72

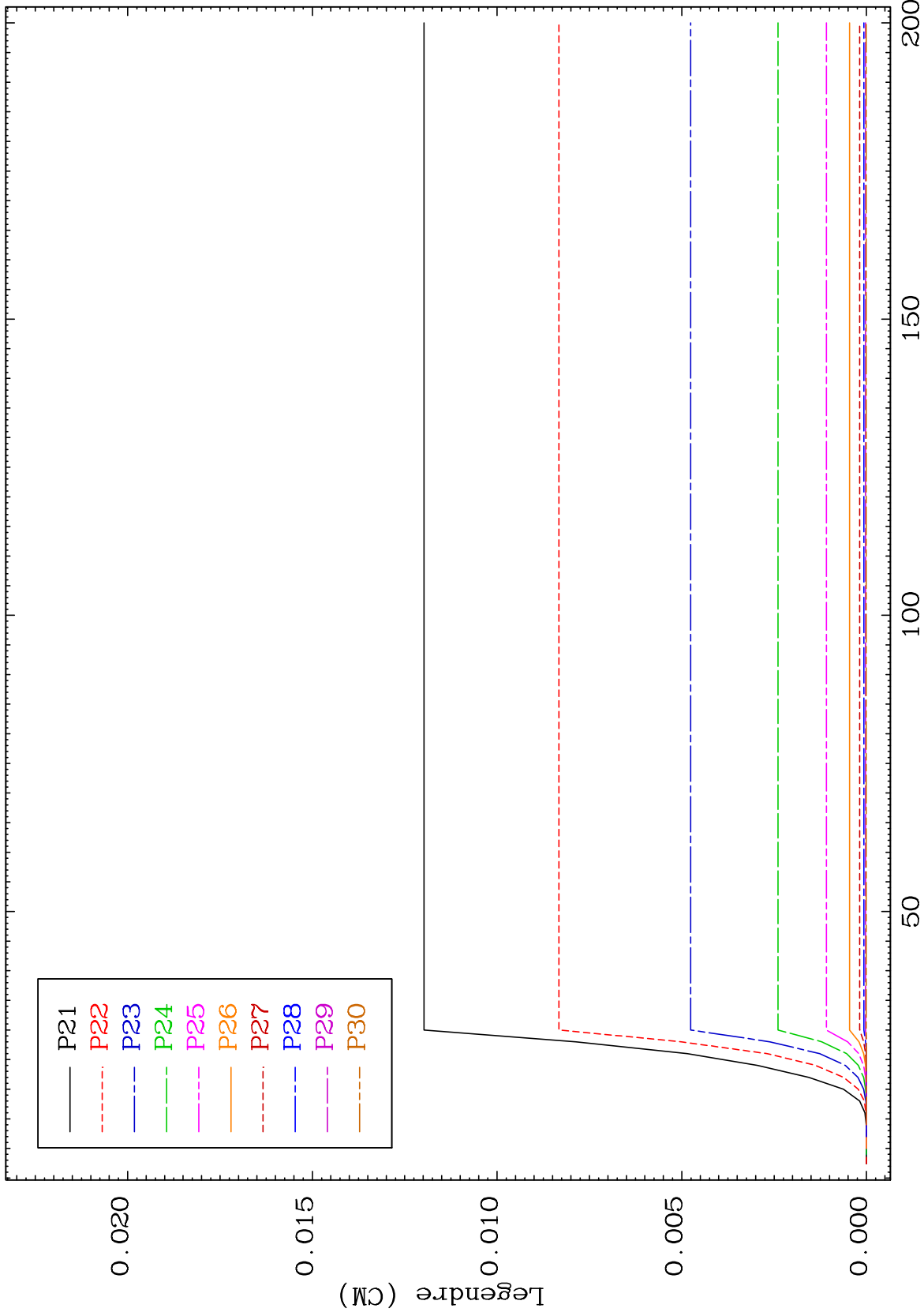
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



73

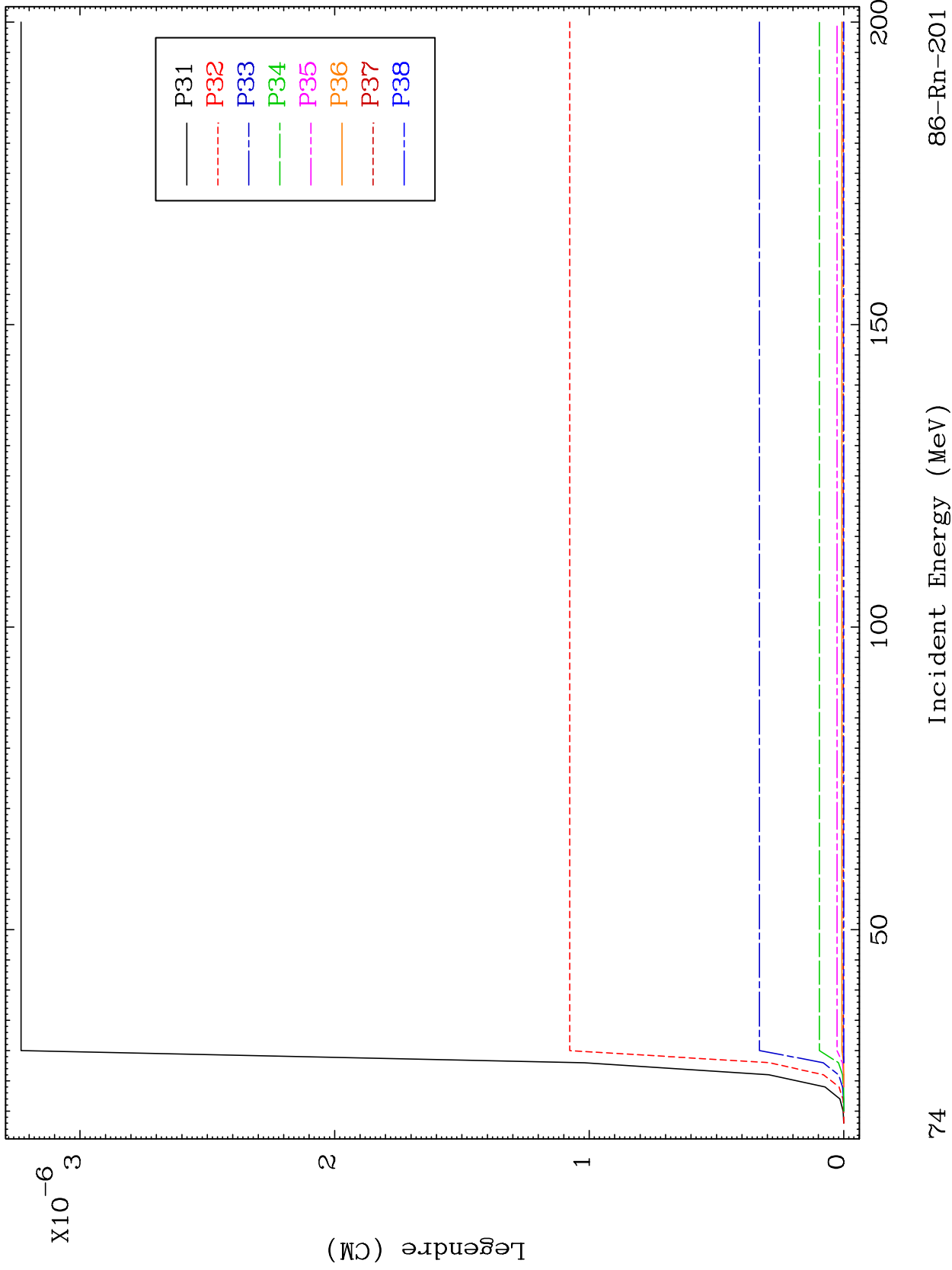
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

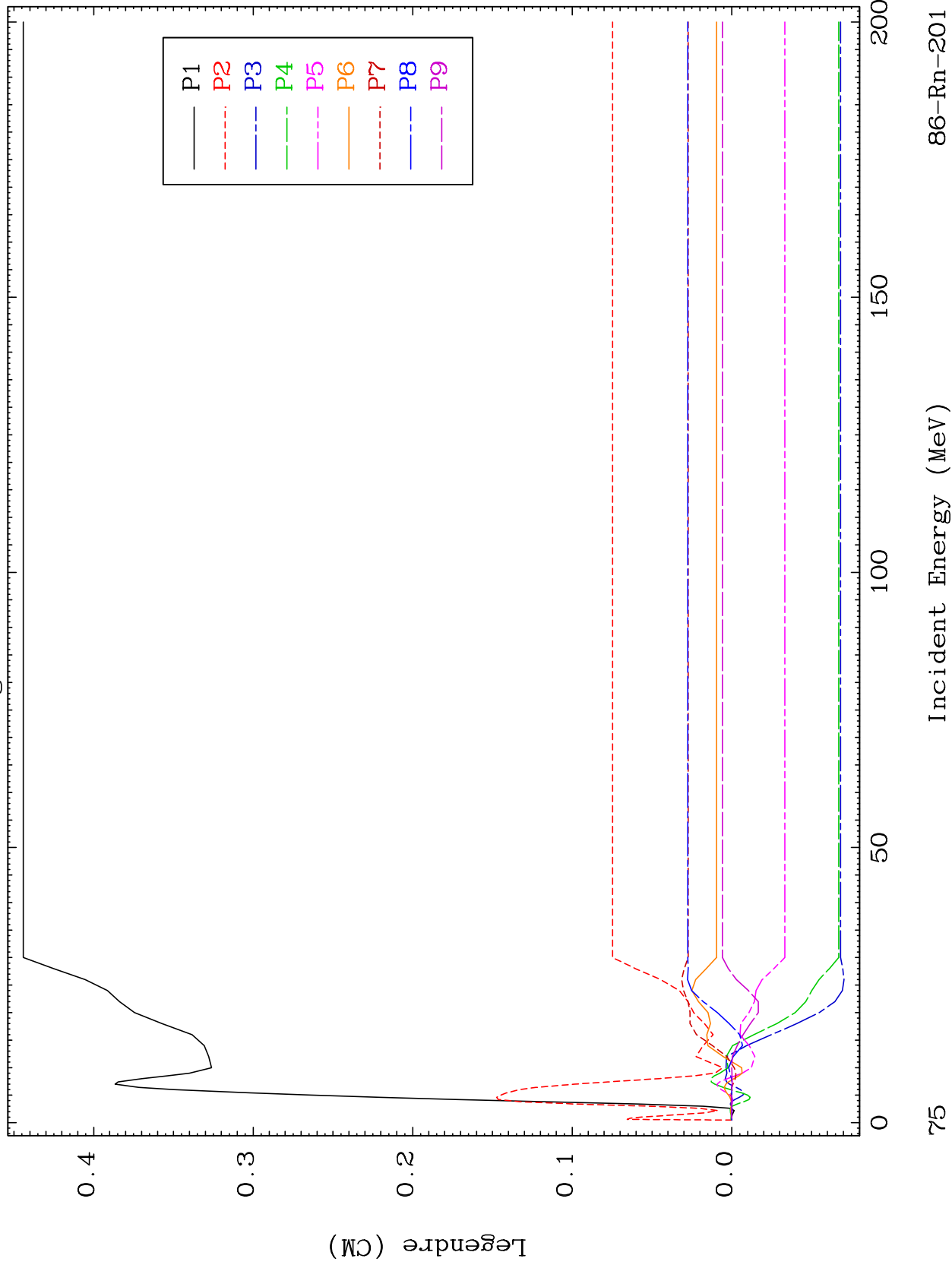
86-Rn-201



MAT 8595

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

86-Rn-201



86-Rn-201

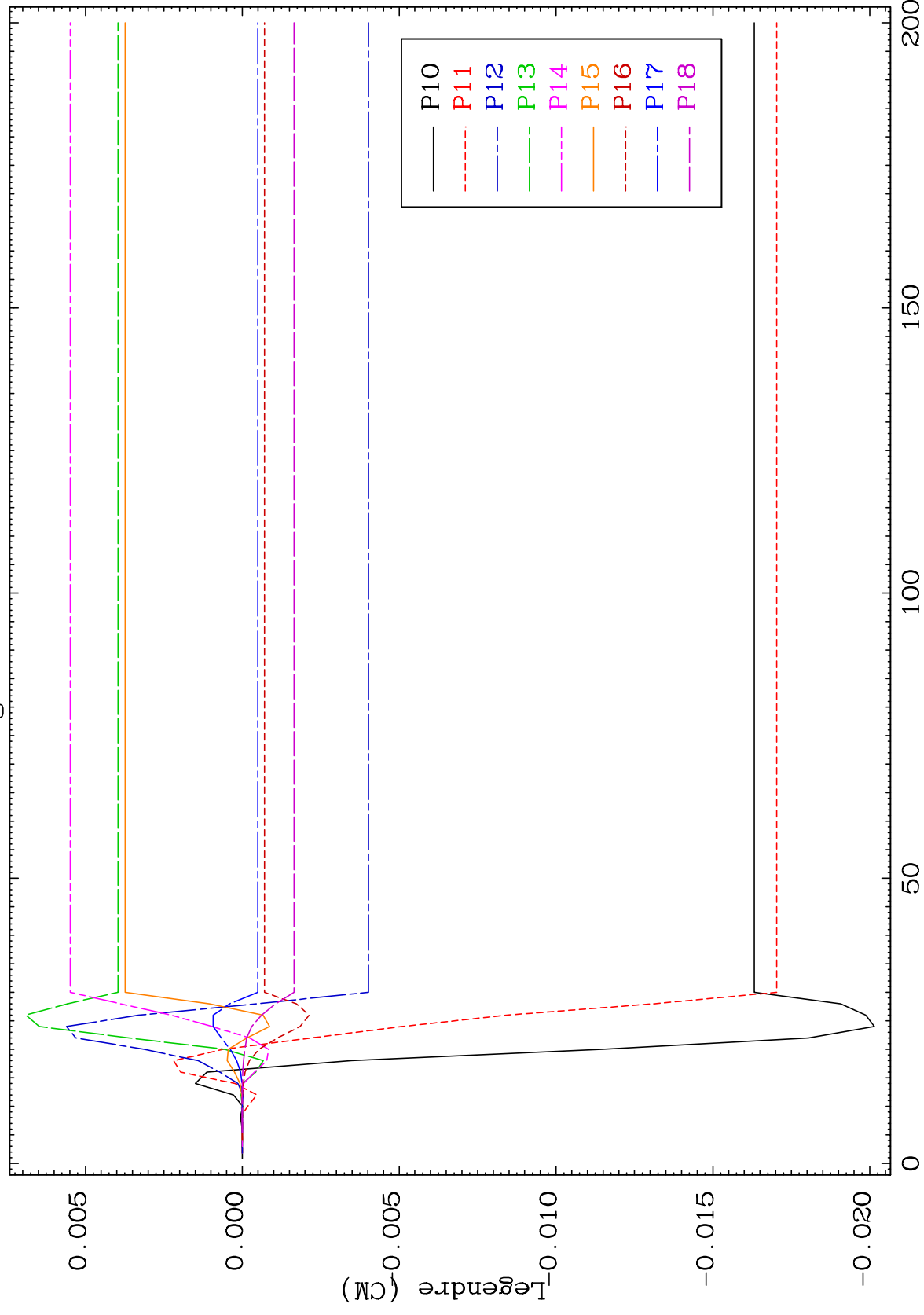
Incident Energy (MeV)

75

MAT 8595

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

86-Rn-201



76

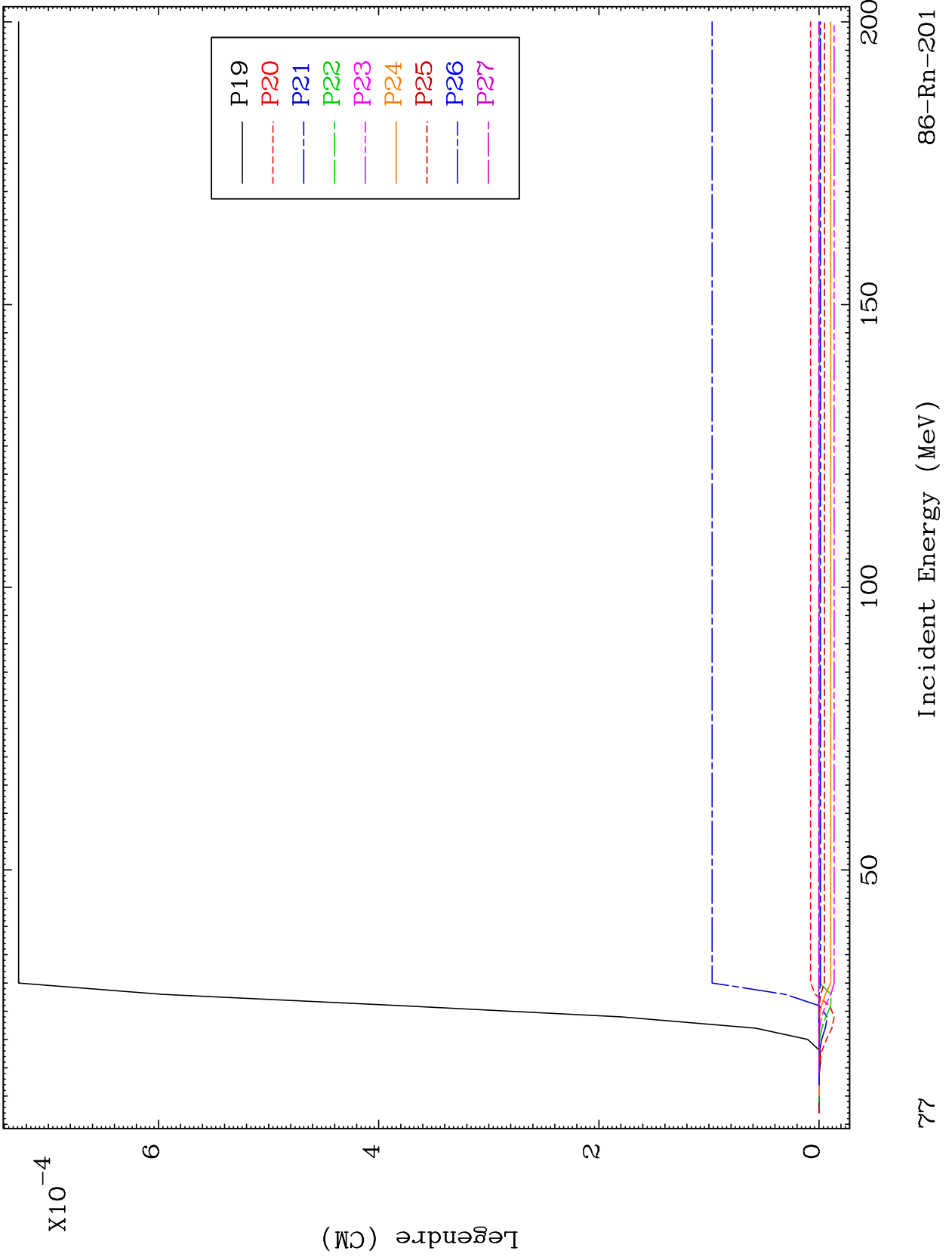
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

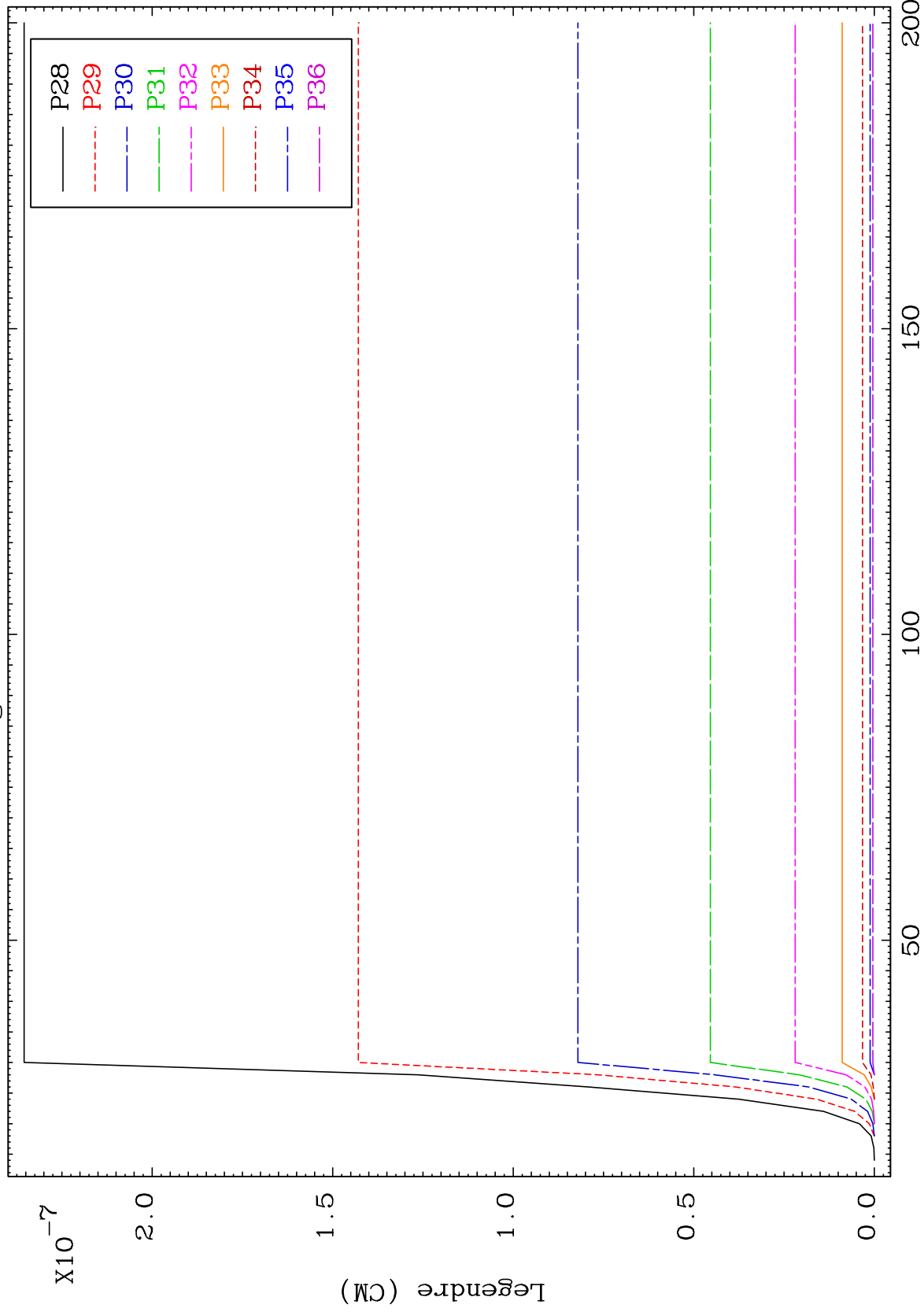
86-Rn-201



MAT 8595

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

86-Rn-201



78

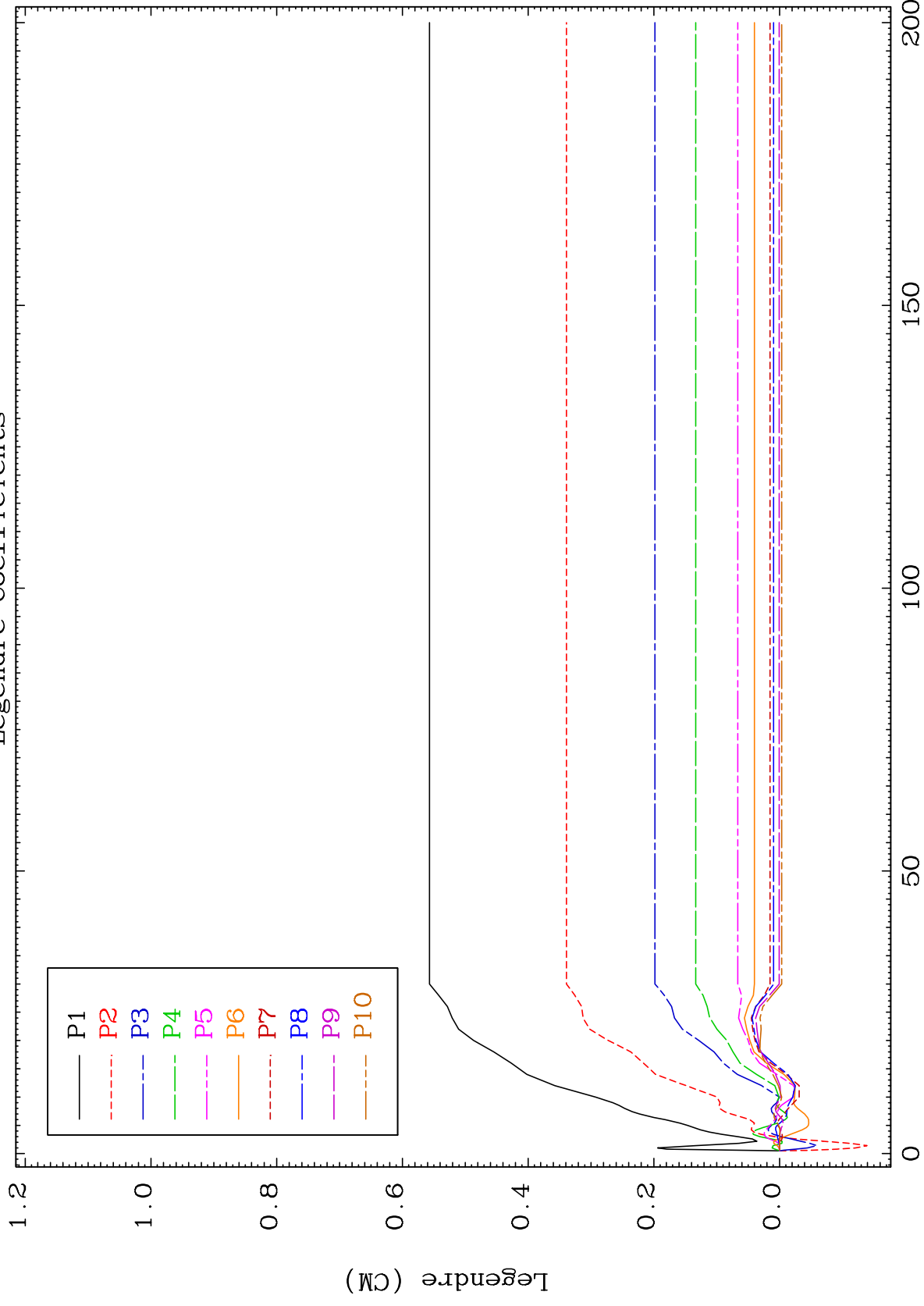
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



79

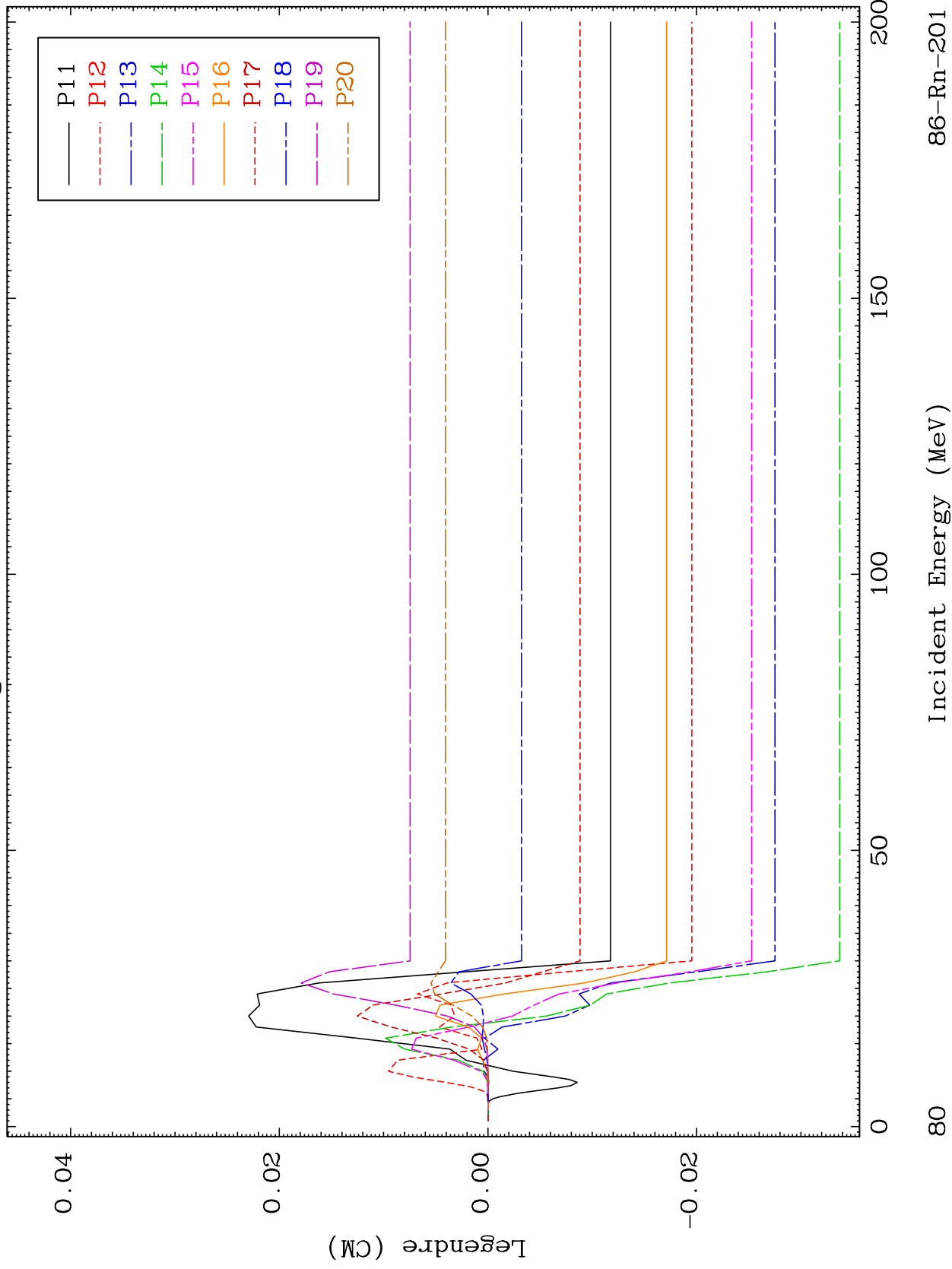
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

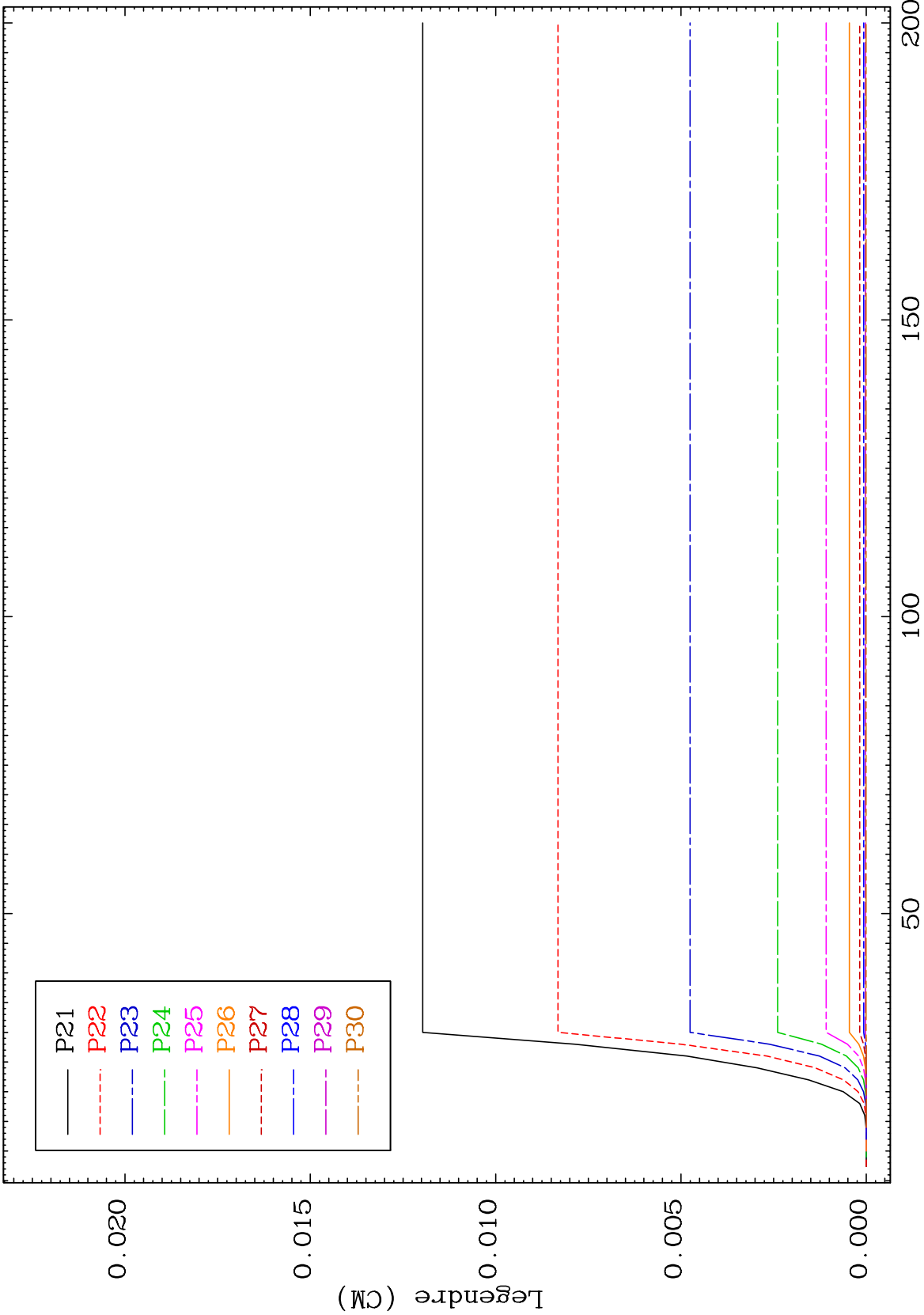
86-Rn-201



MAT 8595

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

86-Rn-201



81

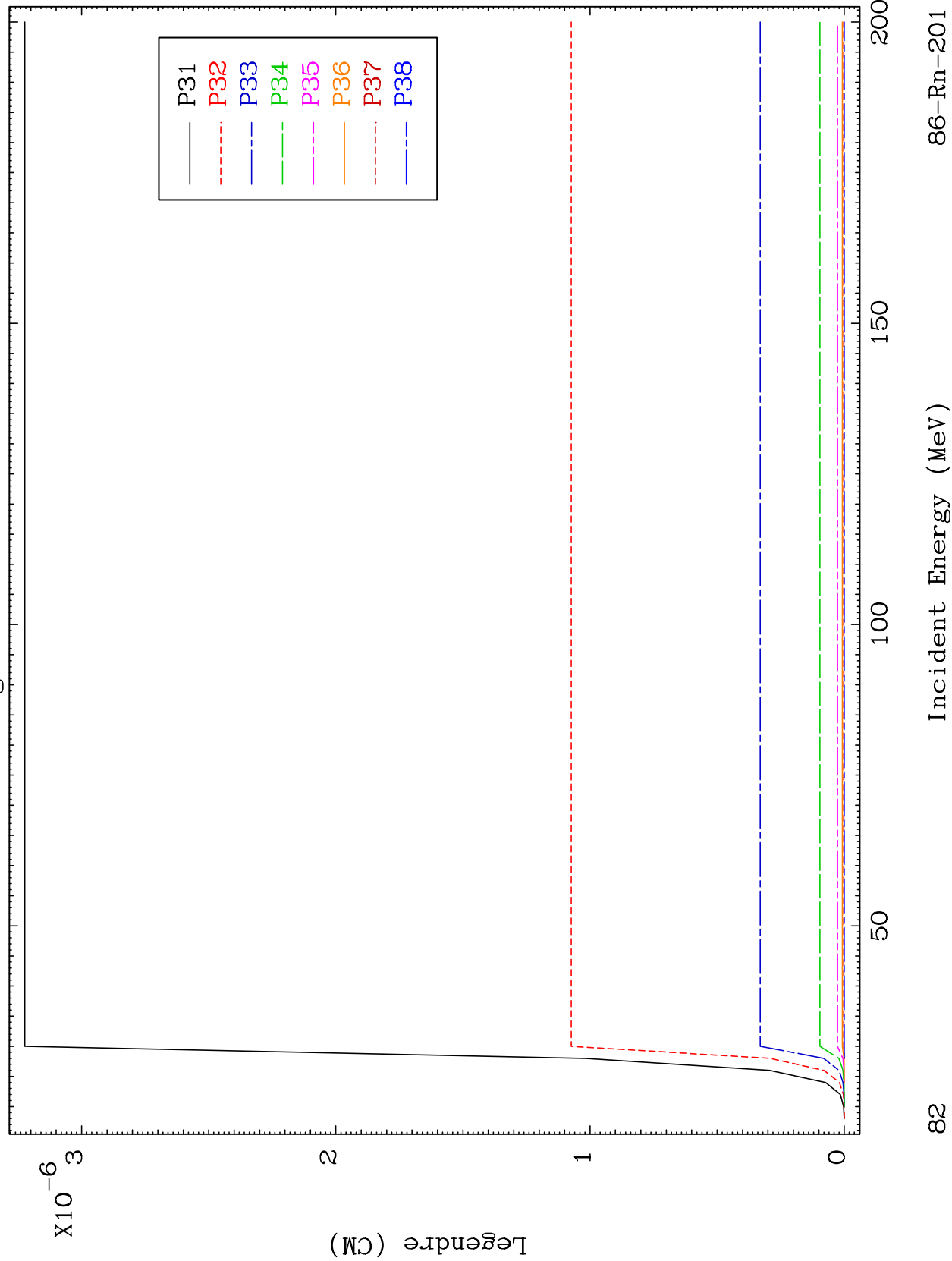
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

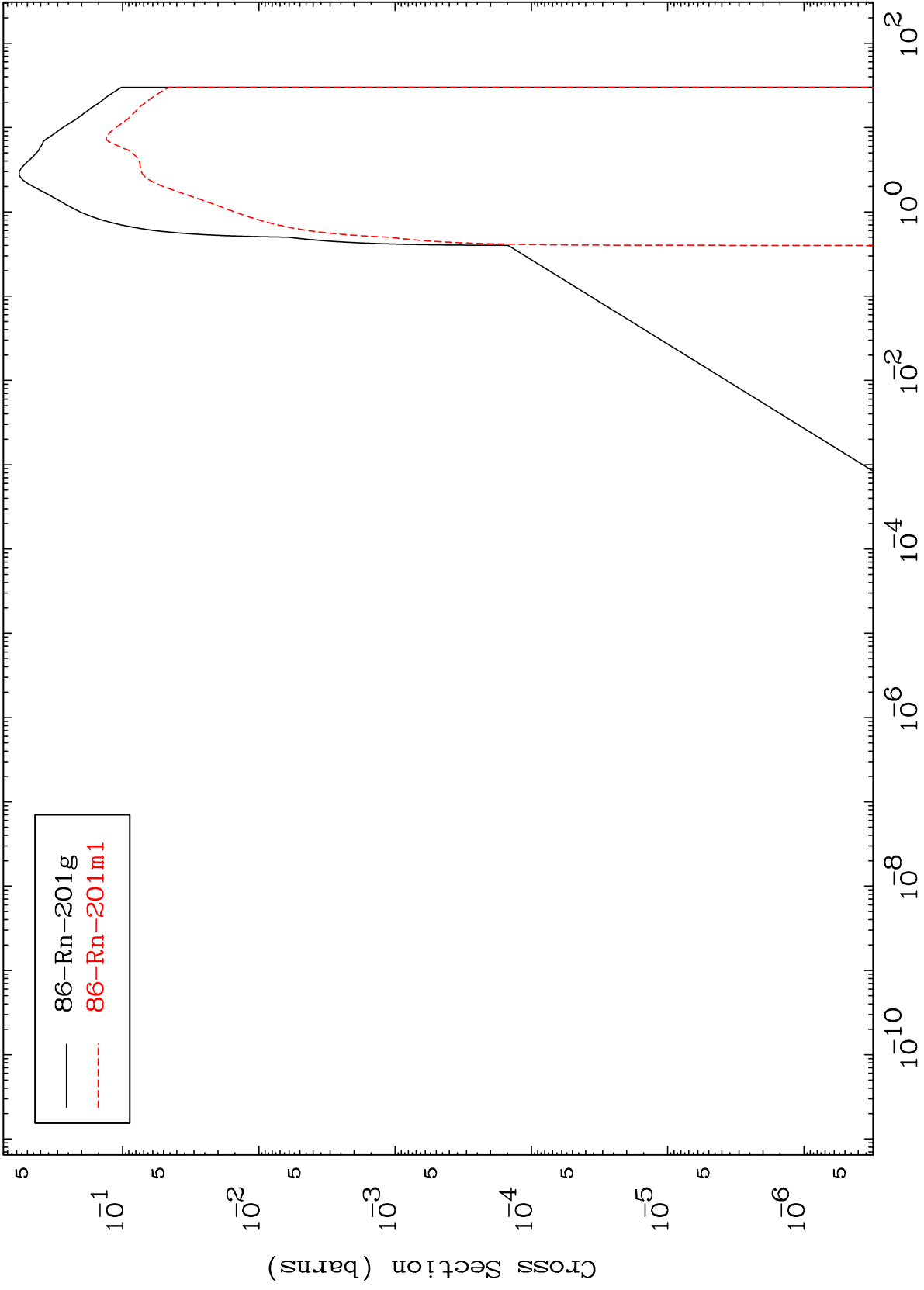
86-Rn-201



MAT 8595

Inelastic
Radionuclide Production Cross Section

86-Rn-201



86-Rn-201 g
86-Rn-201 m1

83

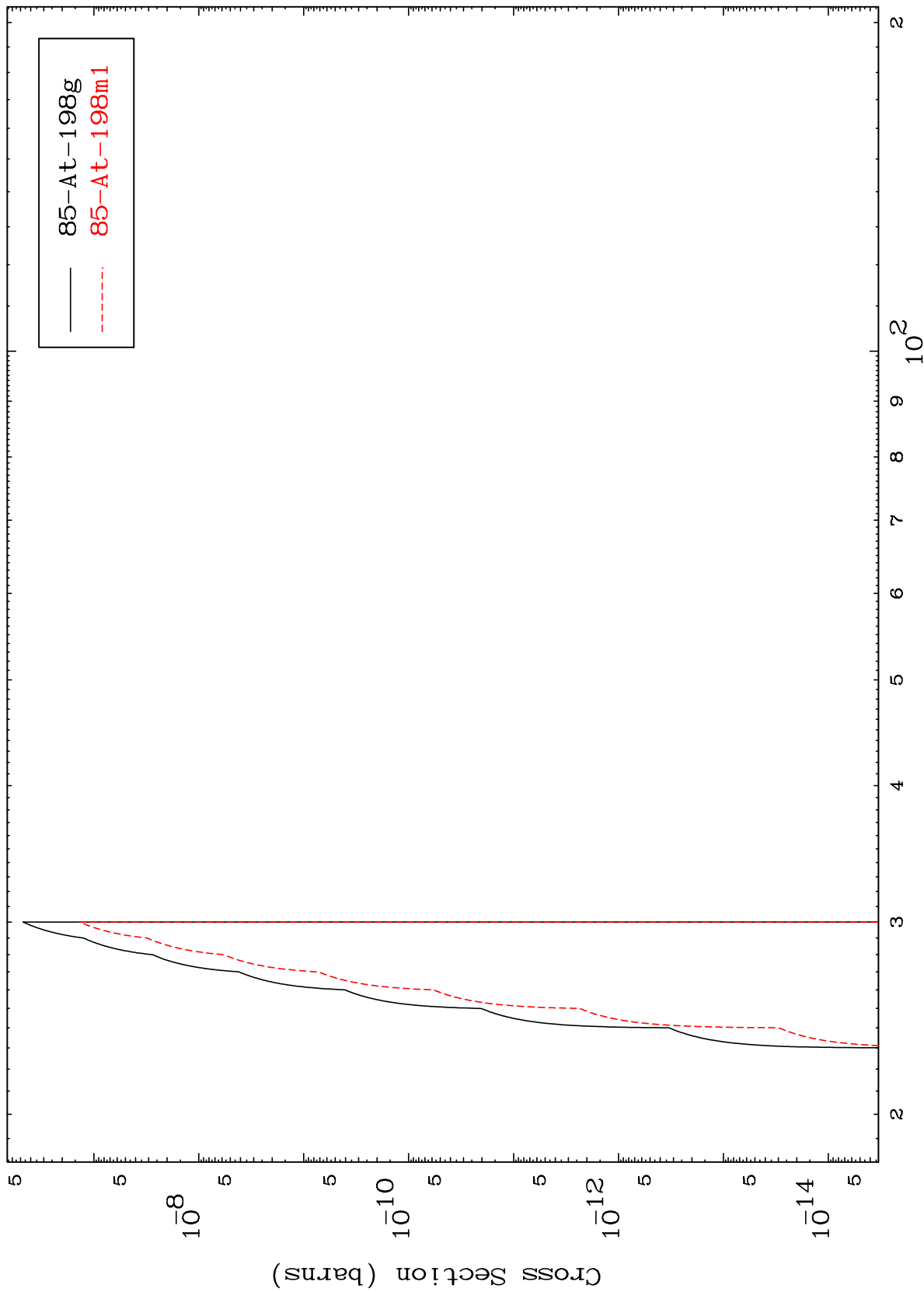
86-Rn-201

MAT 8595

(n,2n) d

86-Rn-201

Radionuclide Production Cross Section



84

Incident Energy (MeV)

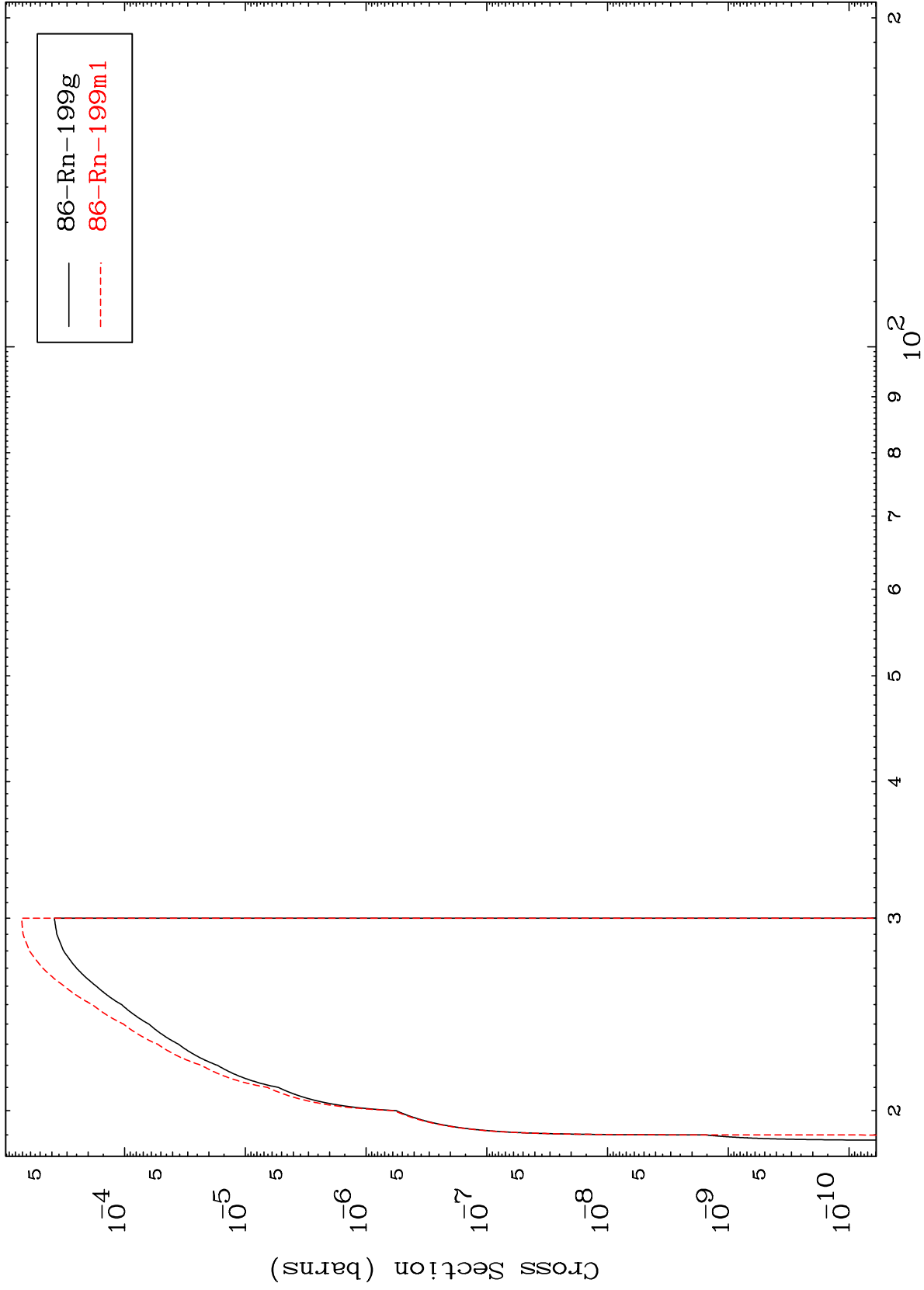
86-Rn-201

MAT 8595

(n,3n)

86-Rn-201

Radionuclide Production Cross Section



85

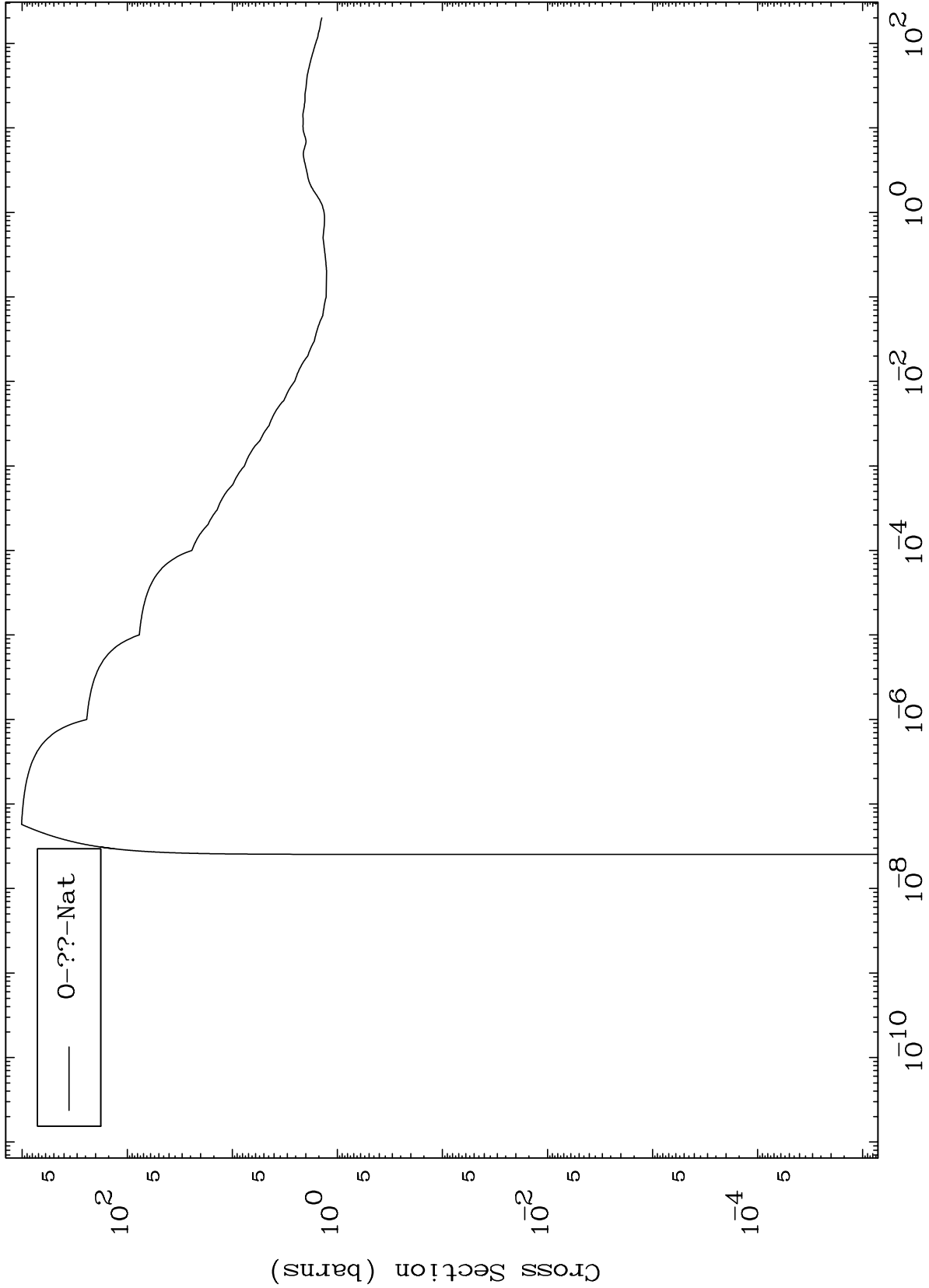
Incident Energy (MeV)

86-Rn-201

MAT 8595

86-Rn-201

Fission
Radionuclide Production Cross Section



86

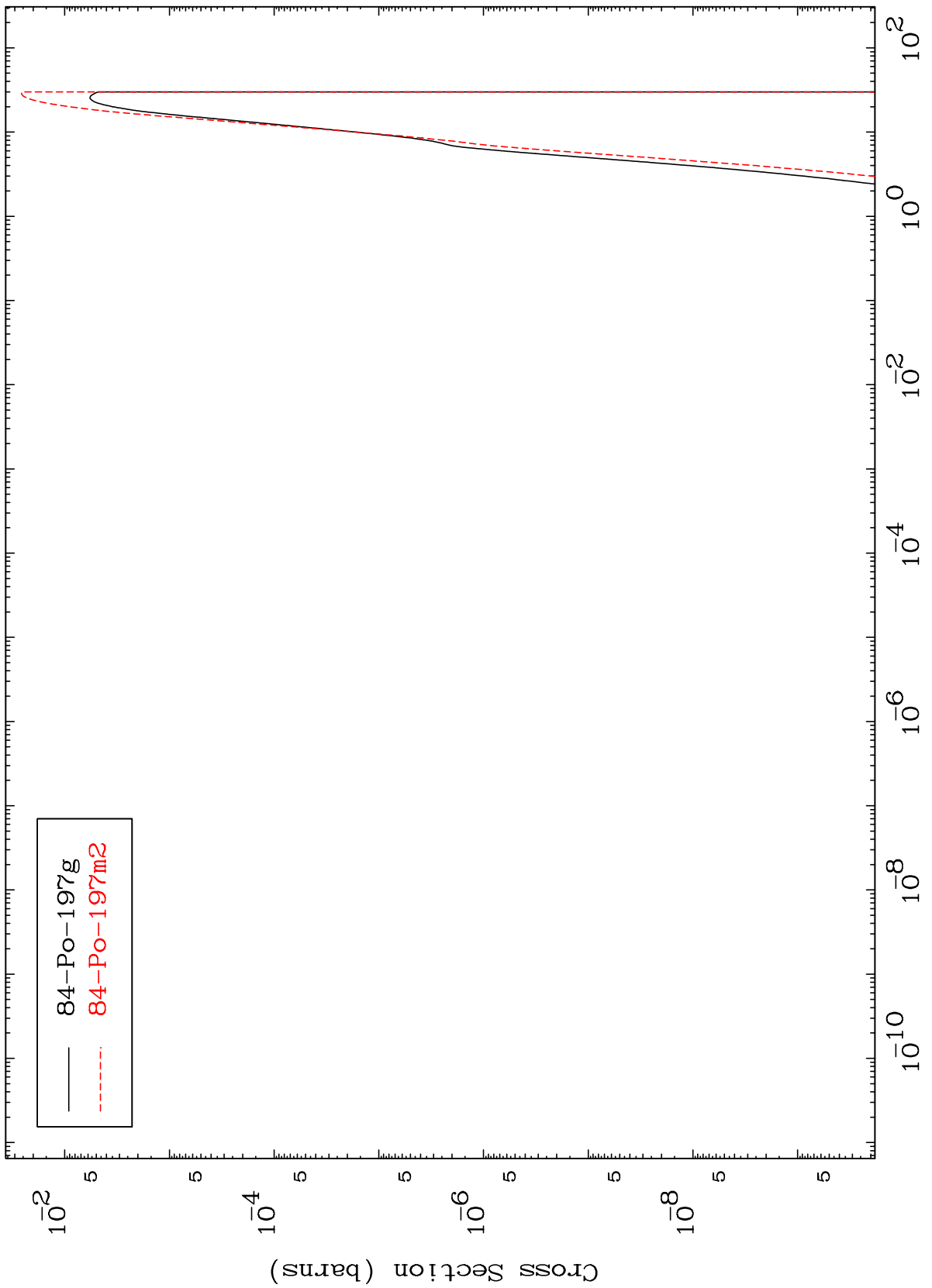
86-Rn-201

MAT 8595

(n,n') α

86-Rn-201

Radionuclide Production Cross Section



84-Po-197g
84-Po-197m2

87

Incident Energy (MeV)

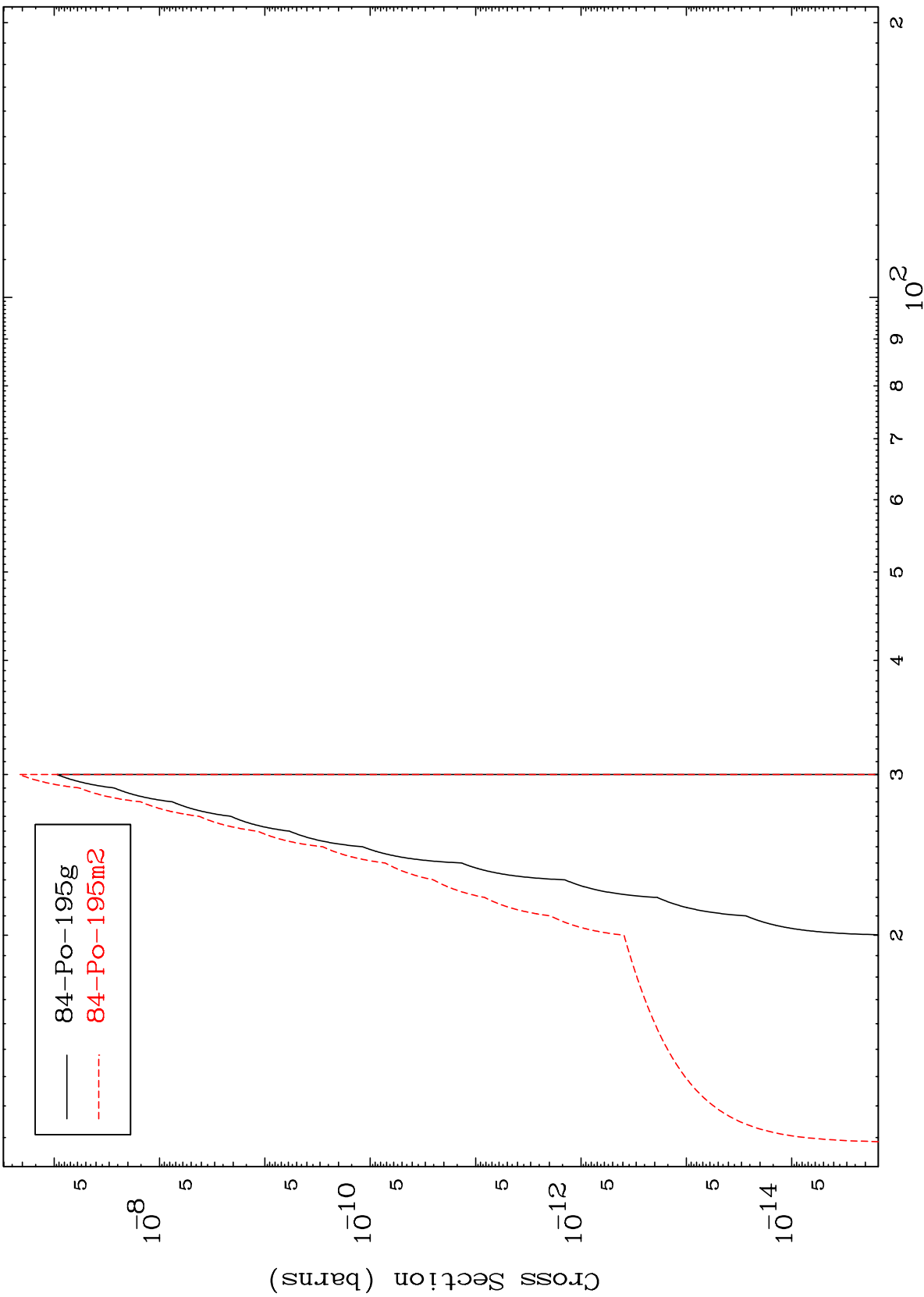
86-Rn-201

MAT 8595

(n,3n) α

86-Rn-201

Radionuclide Production Cross Section



88

Incident Energy (MeV)

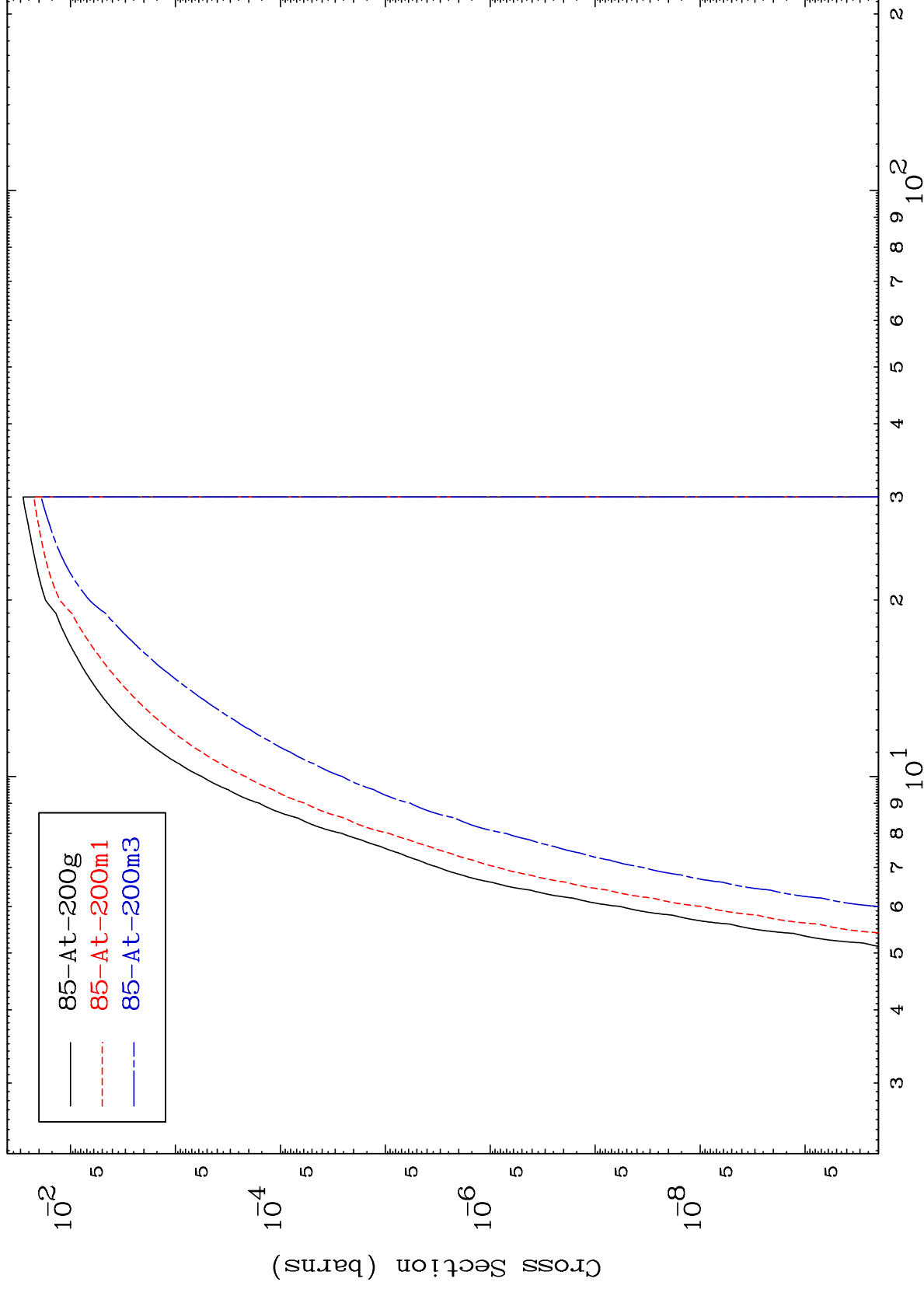
86-Rn-201

MAT 8595

(n,n') p

86-Rn-201

Radionuclide Production Cross Section



89

Incident Energy (MeV)

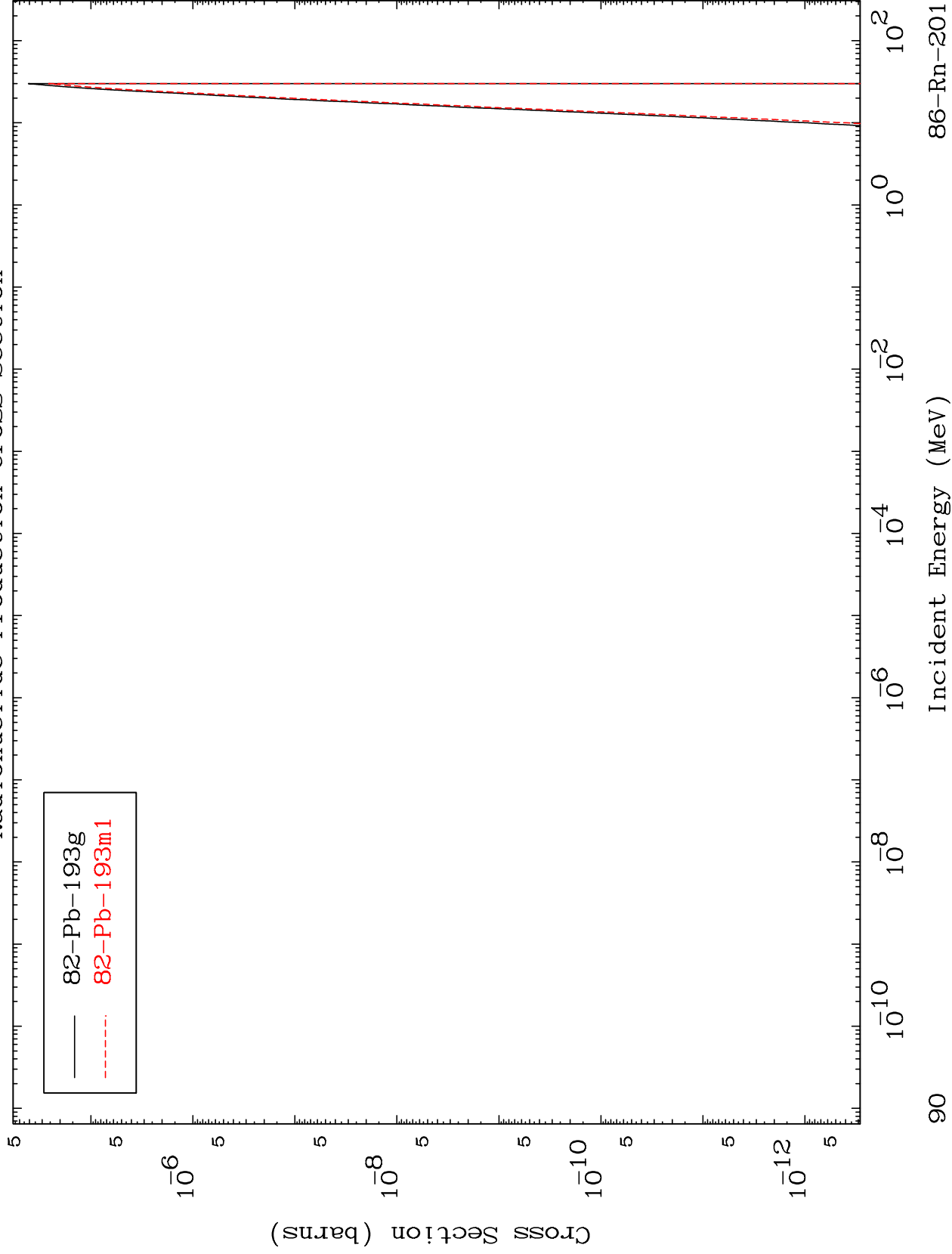
86-Rn-201

MAT 8595

(n,n') 2 α

86-Rn-201

Radionuclide Production Cross Section

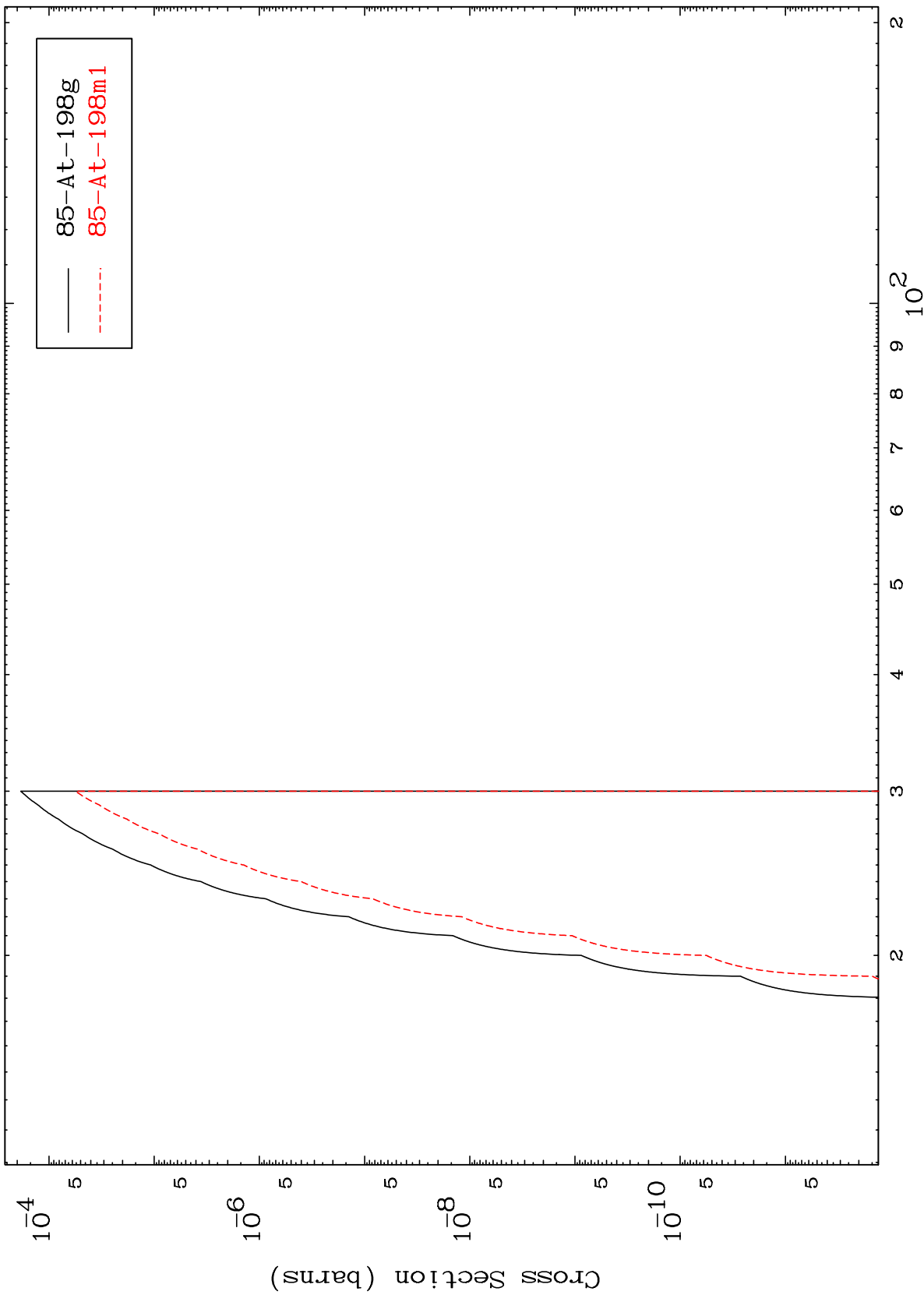


MAT 8595

(n,n') t

86-Rn-201

Radionuclide Production Cross Section



91

Incident Energy (MeV)

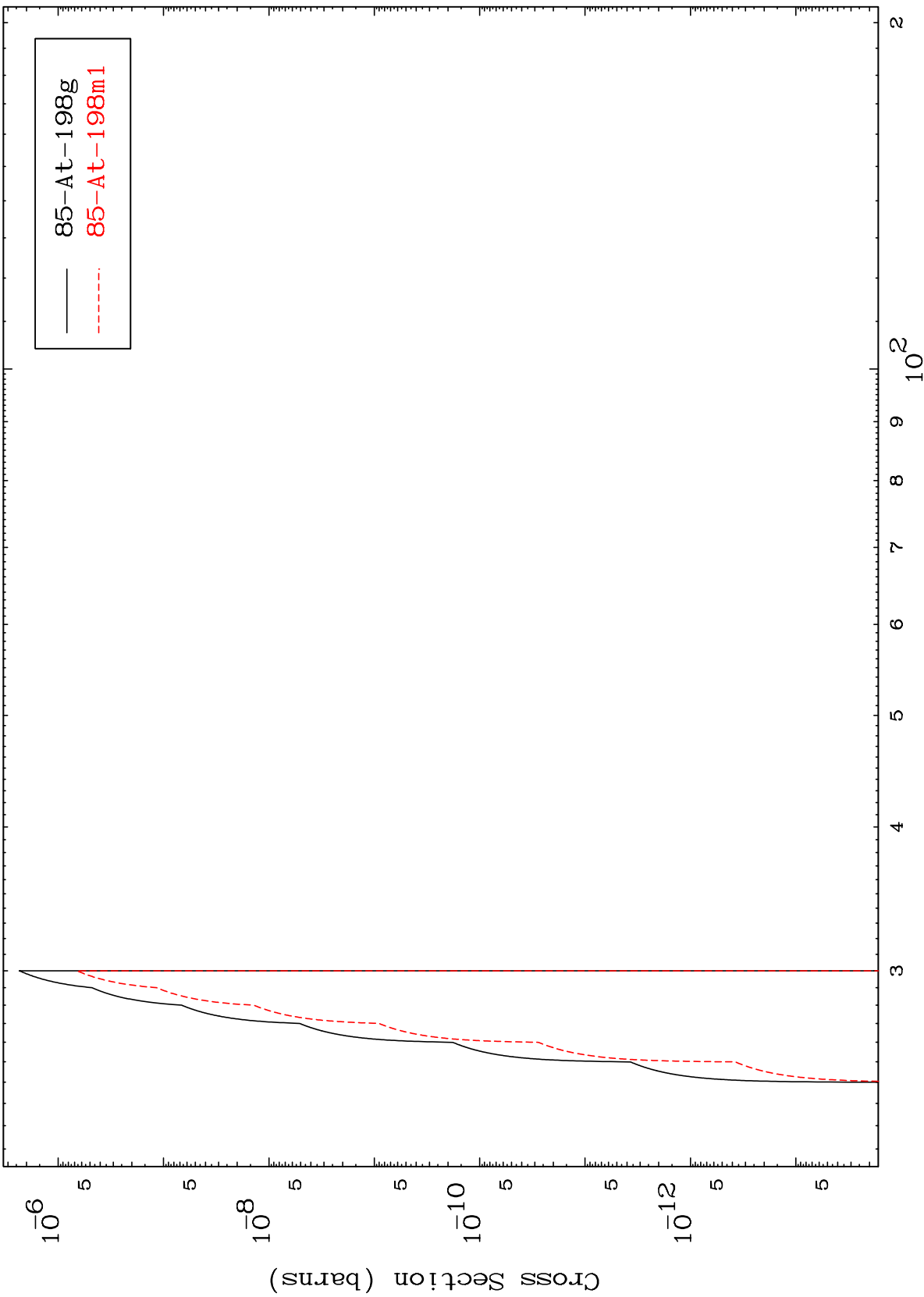
86-Rn-201

MAT 8595

(n,3n) p

86-Rn-201

Radionuclide Production Cross Section



92

Incident Energy (MeV)

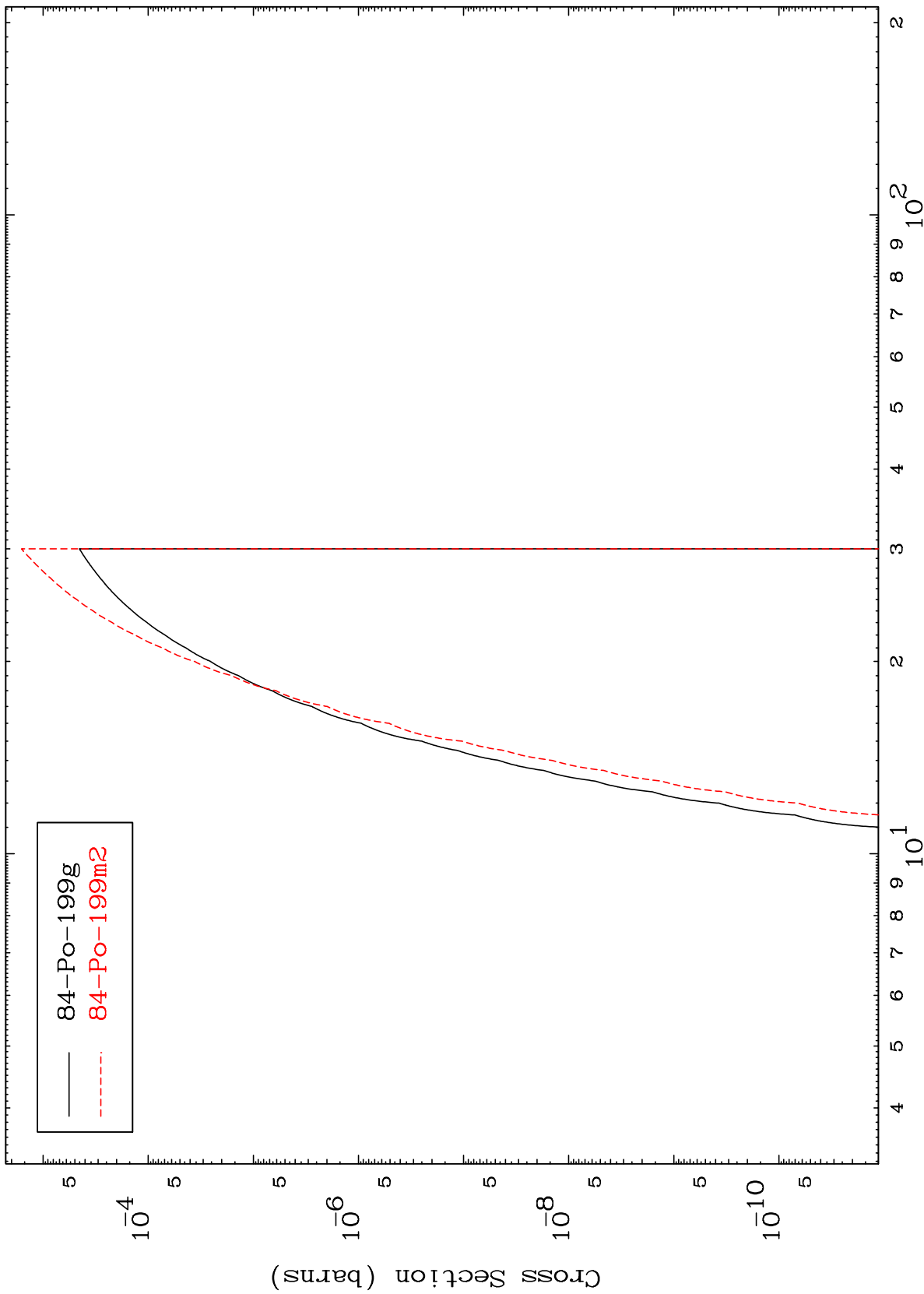
86-Rn-201

MAT 8595

(n,2n) p

86-Rn-201

Radionuclide Production Cross Section



93

Incident Energy (MeV)

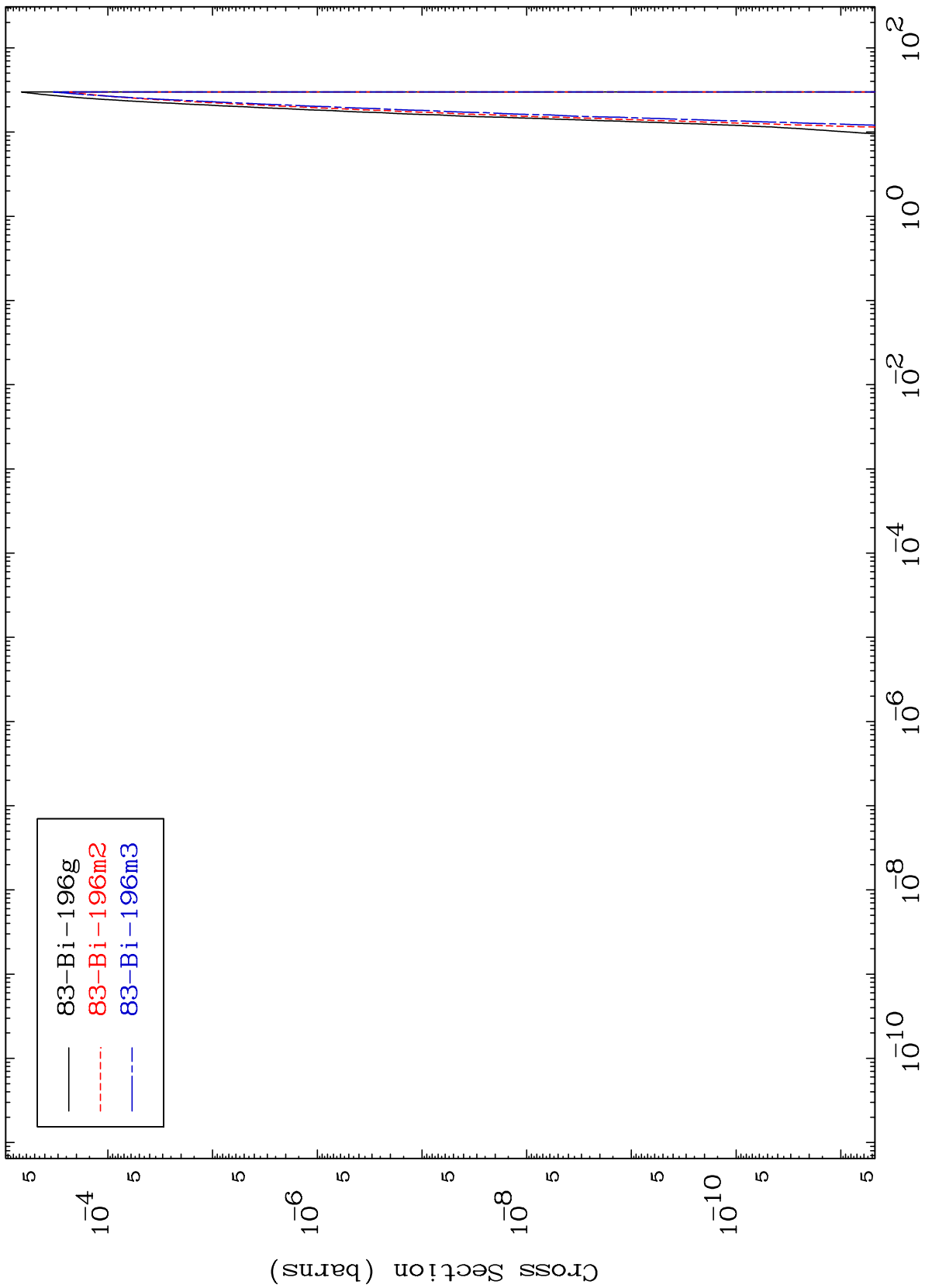
86-Rn-201

MAT 8595

(n,n') p α

86-Rn-201

Radionuclide Production Cross Section



94

Incident Energy (MeV)

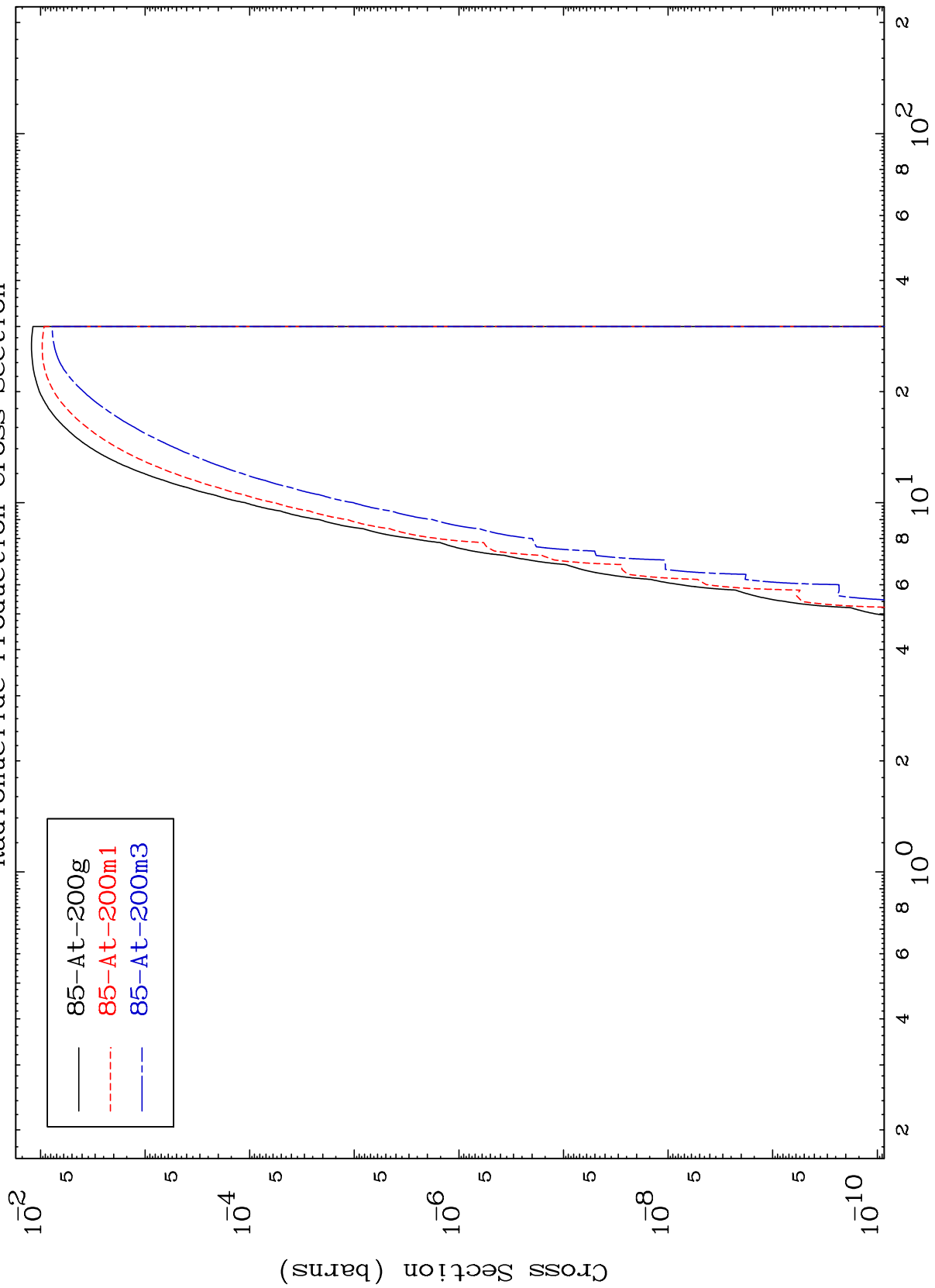
86-Rn-201

MAT 8595

(n,d)

86-Rn-201

Radionuclide Production Cross Section



95

Incident Energy (MeV)

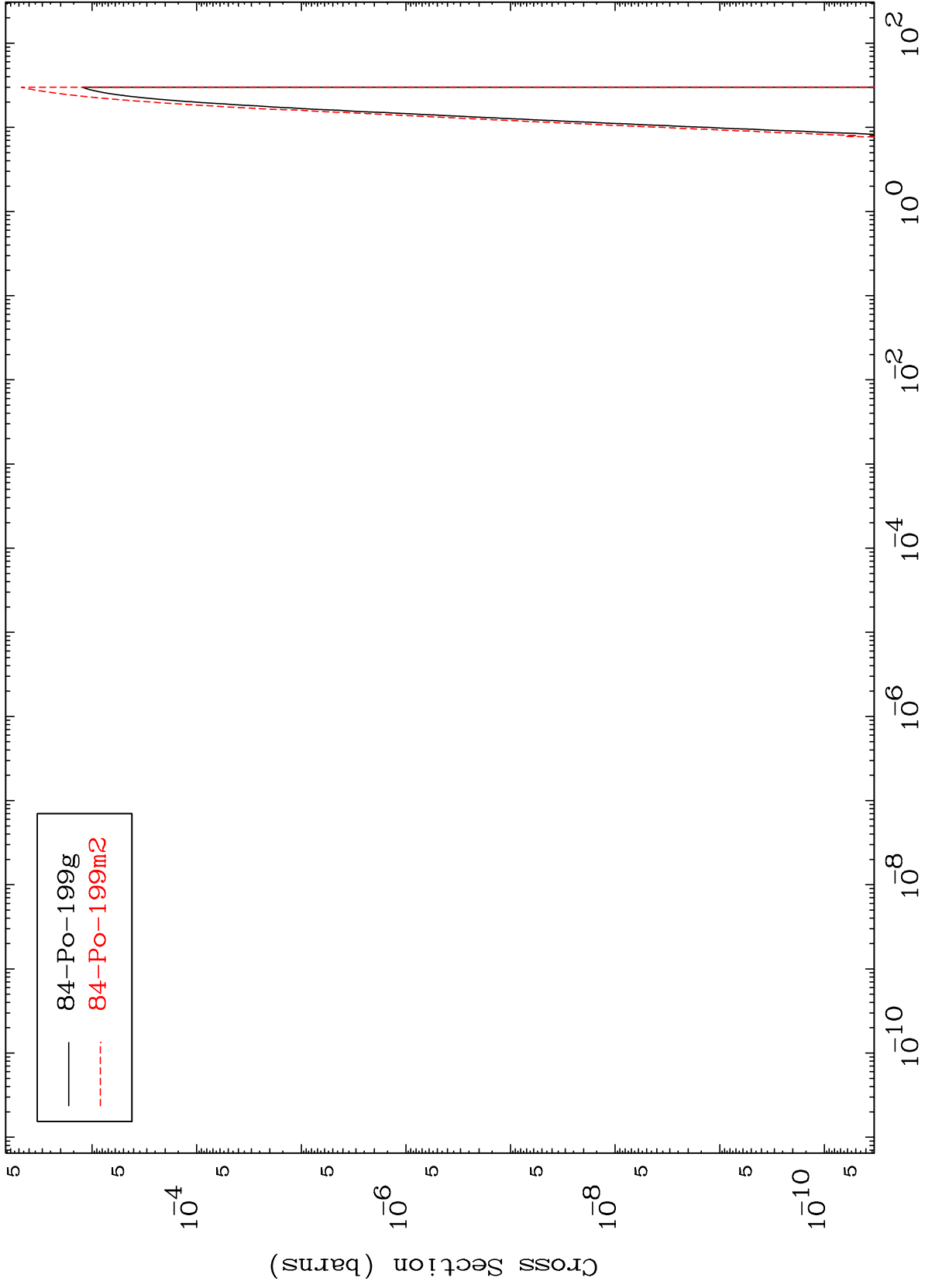
86-Rn-201

MAT 8595

(n,He-3)

86-Rn-201

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

96

Incident Energy (MeV)

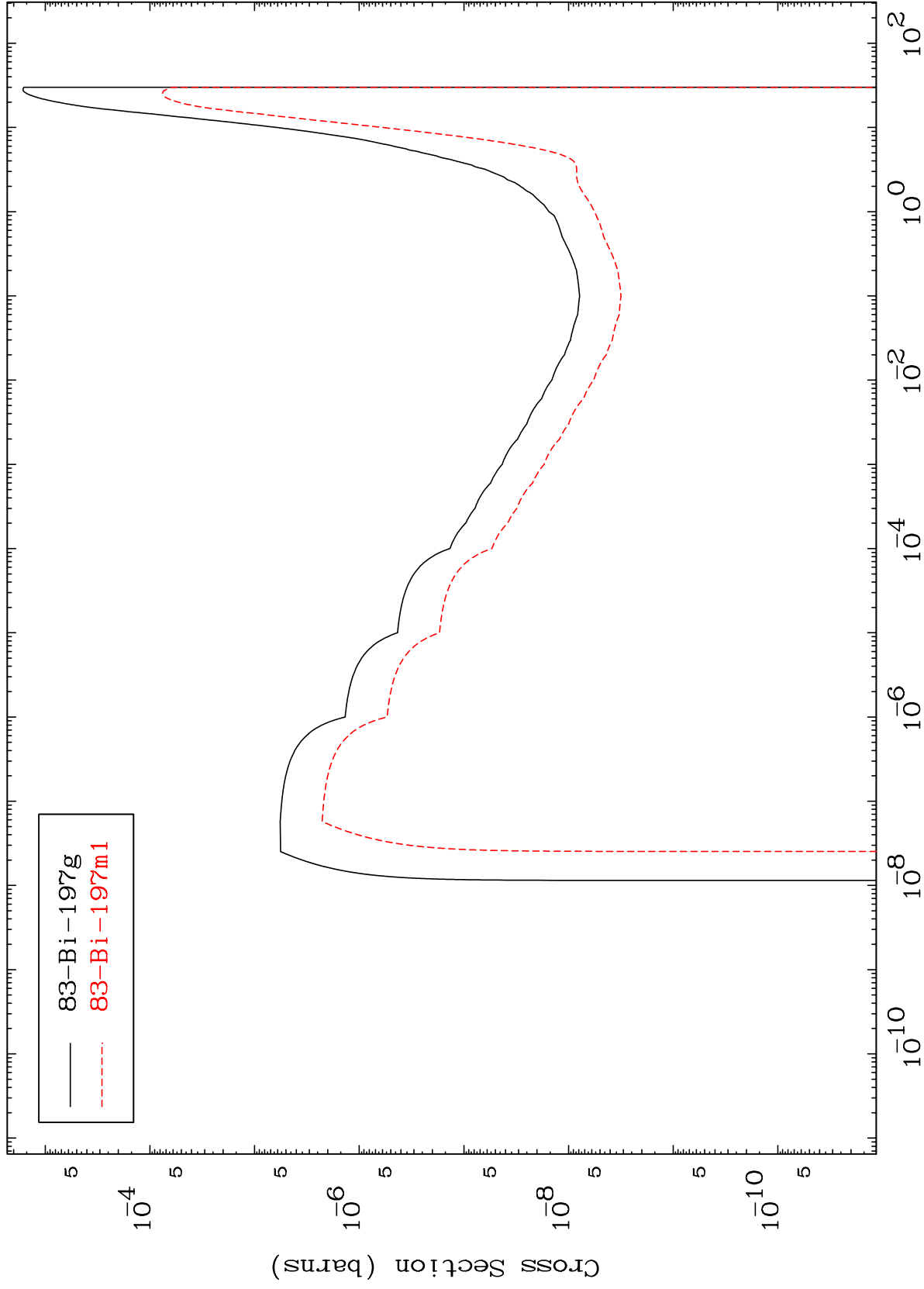
86-Rn-201

MAT 8595

(n,p) α

86-Rn-201

Radionuclide Production Cross Section



97

Incident Energy (MeV)

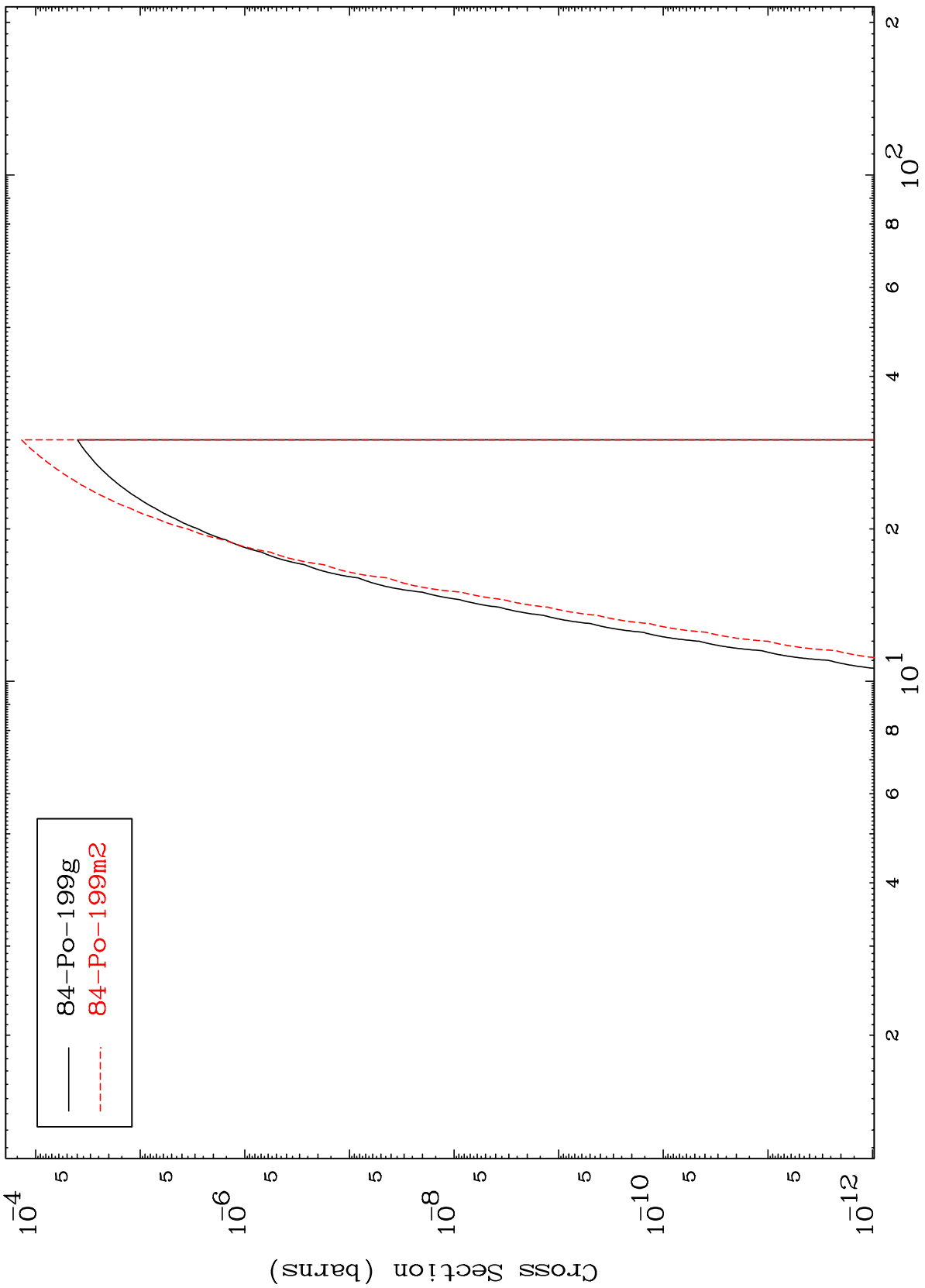
86-Rn-201

MAT 8595

(n,p) d

86-Rn-201

Radionuclide Production Cross Section



98

Incident Energy (MeV)

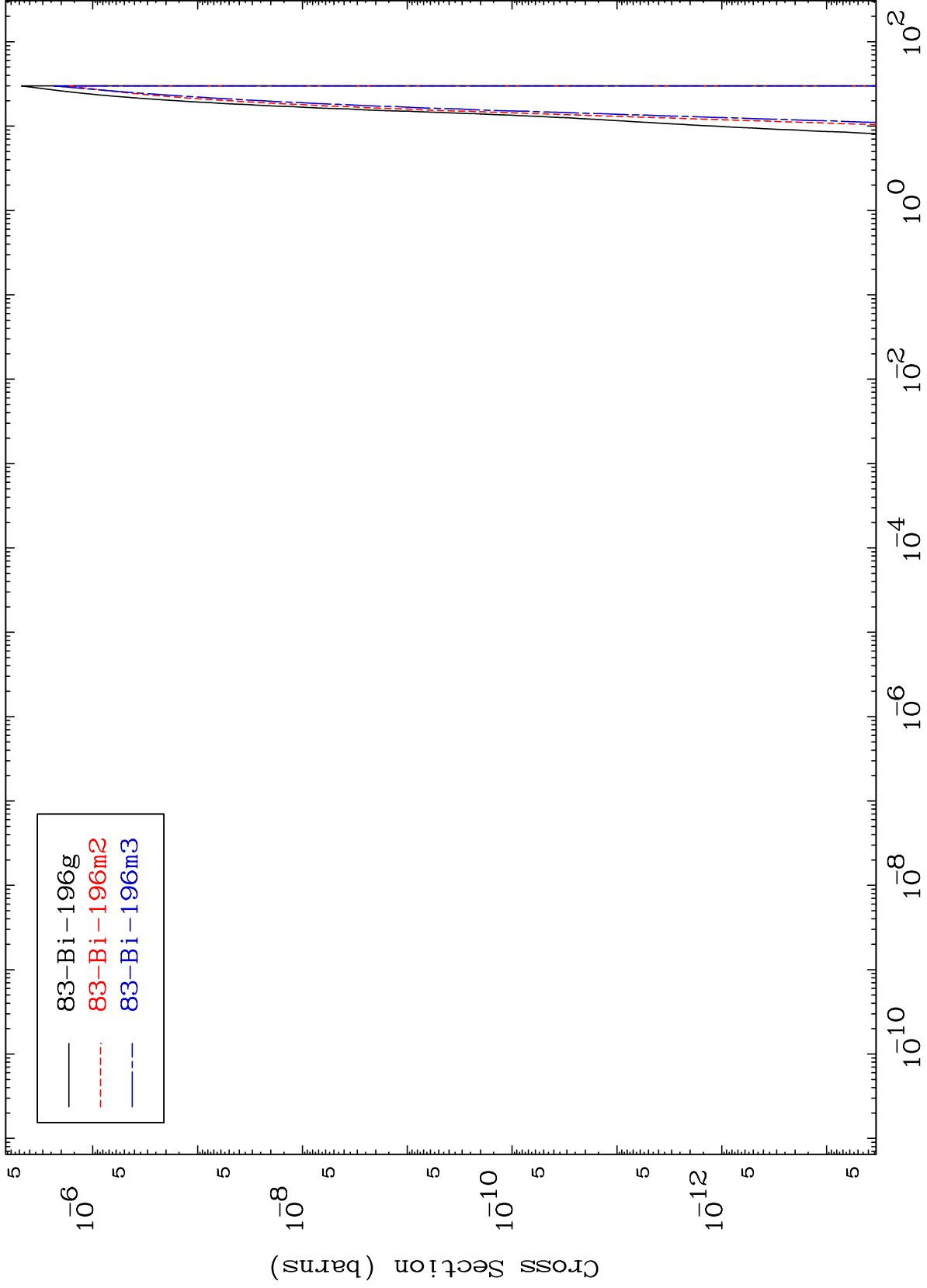
86-Rn-201

MAT 8595

(n,d) α

86-Rn-201

Radionuclide Production Cross Section



99

Incident Energy (MeV)

86-Rn-201