

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

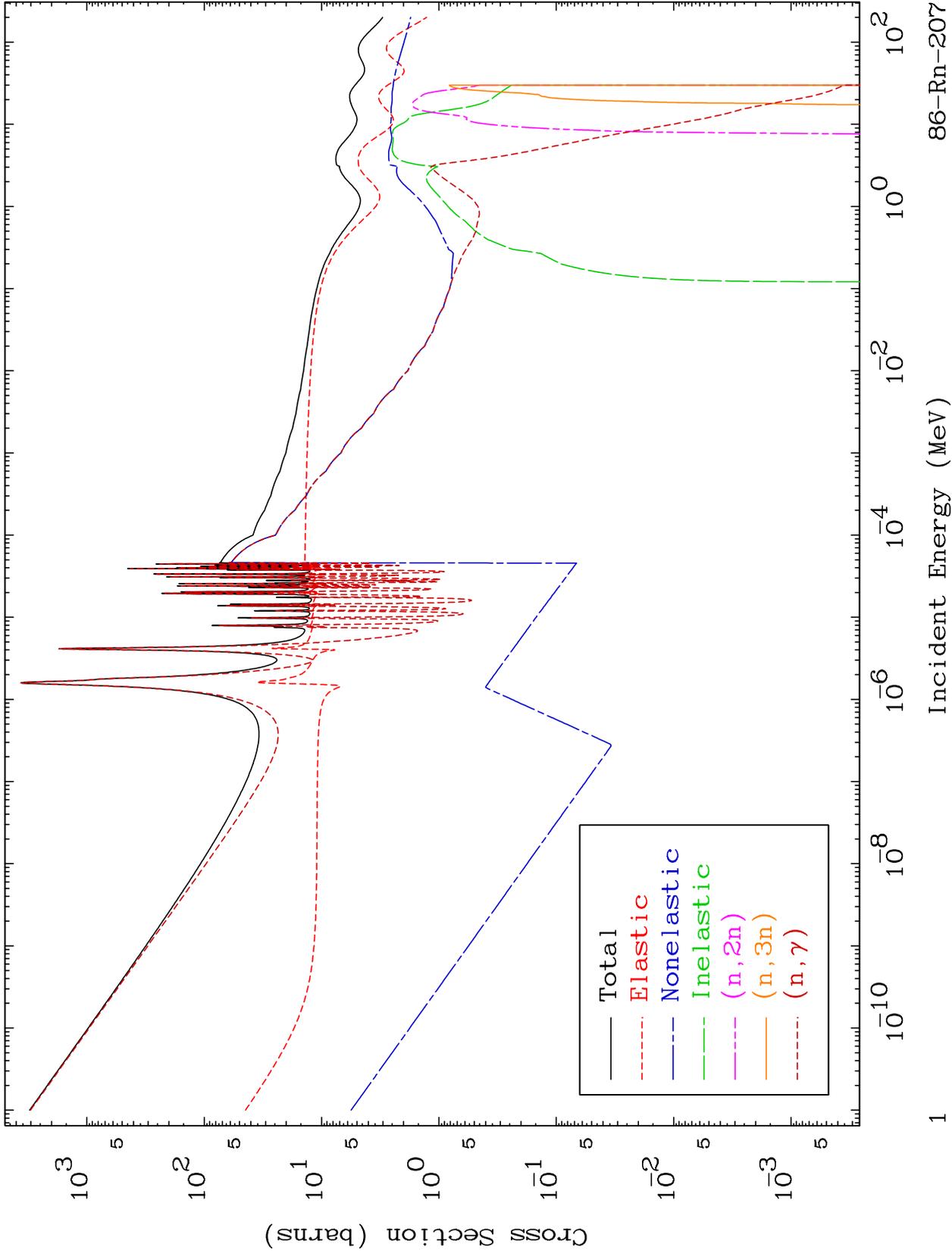
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8613

Neutron Major
293 Kelvin Cross Sections

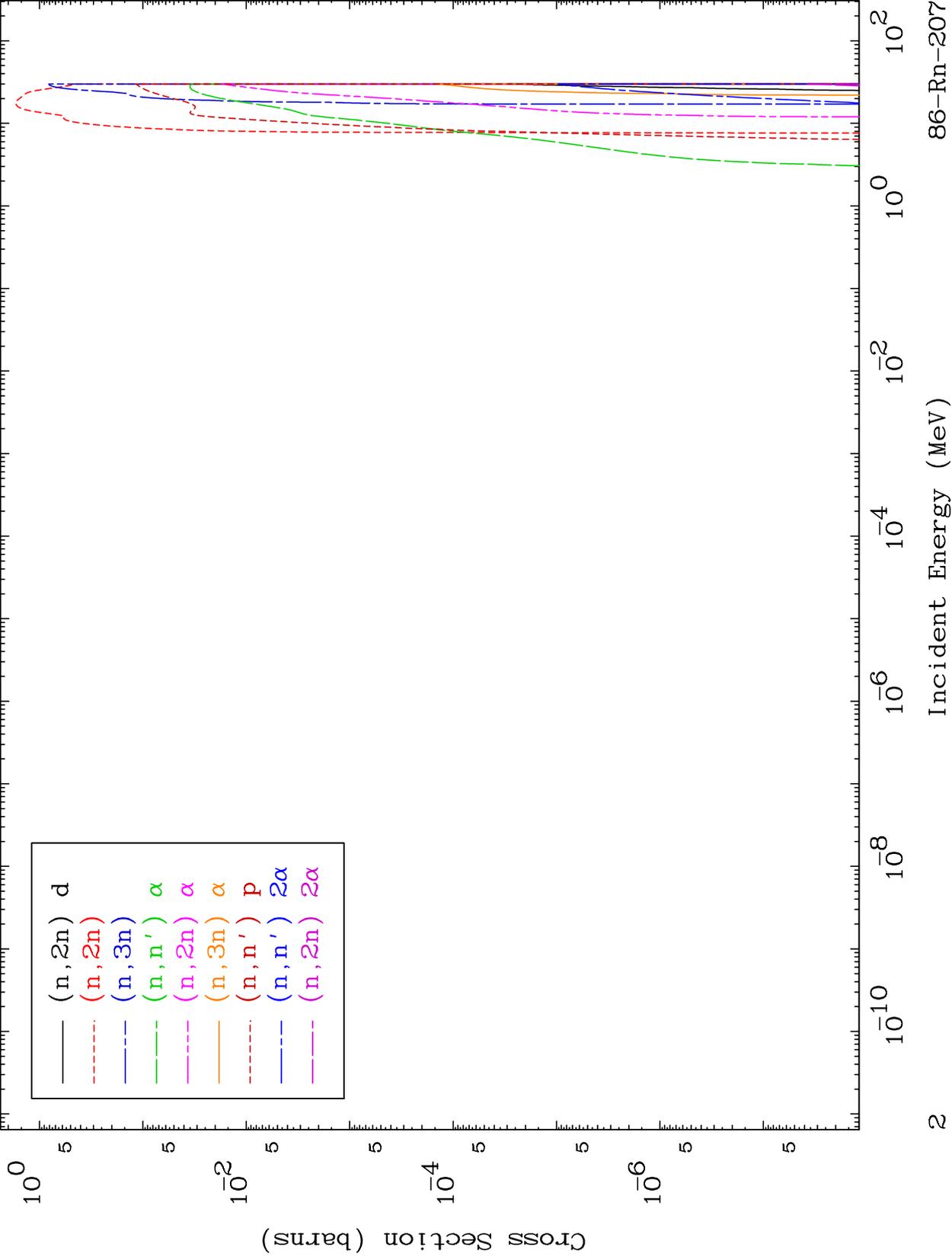
86-Rn-207



MAT 8613

Neutron Absorption
293 Kelvin Cross Sections

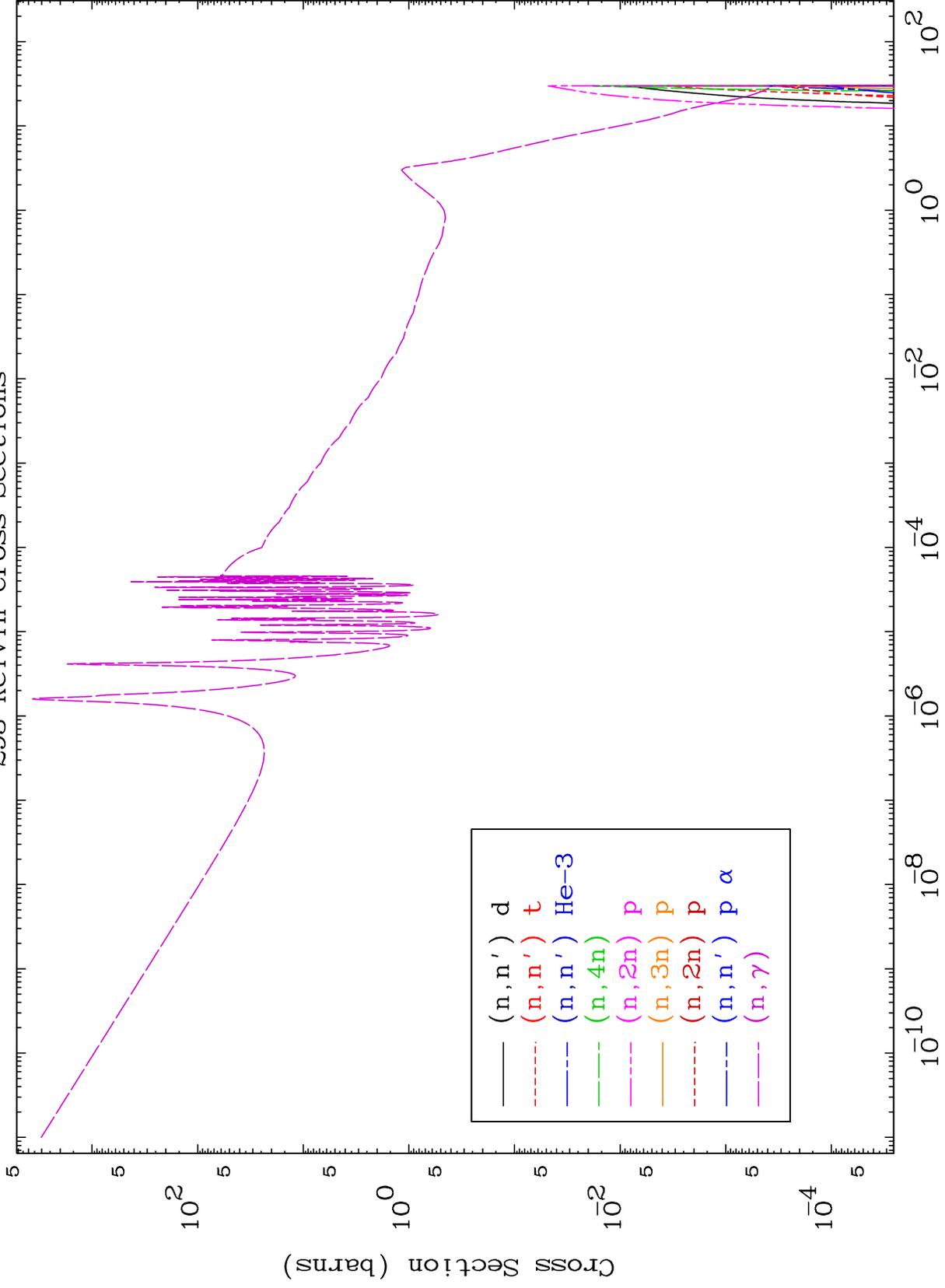
86-Rn-207



MAT 8613

Neutron Absorption
293 Kelvin Cross Sections

86-Rn-207



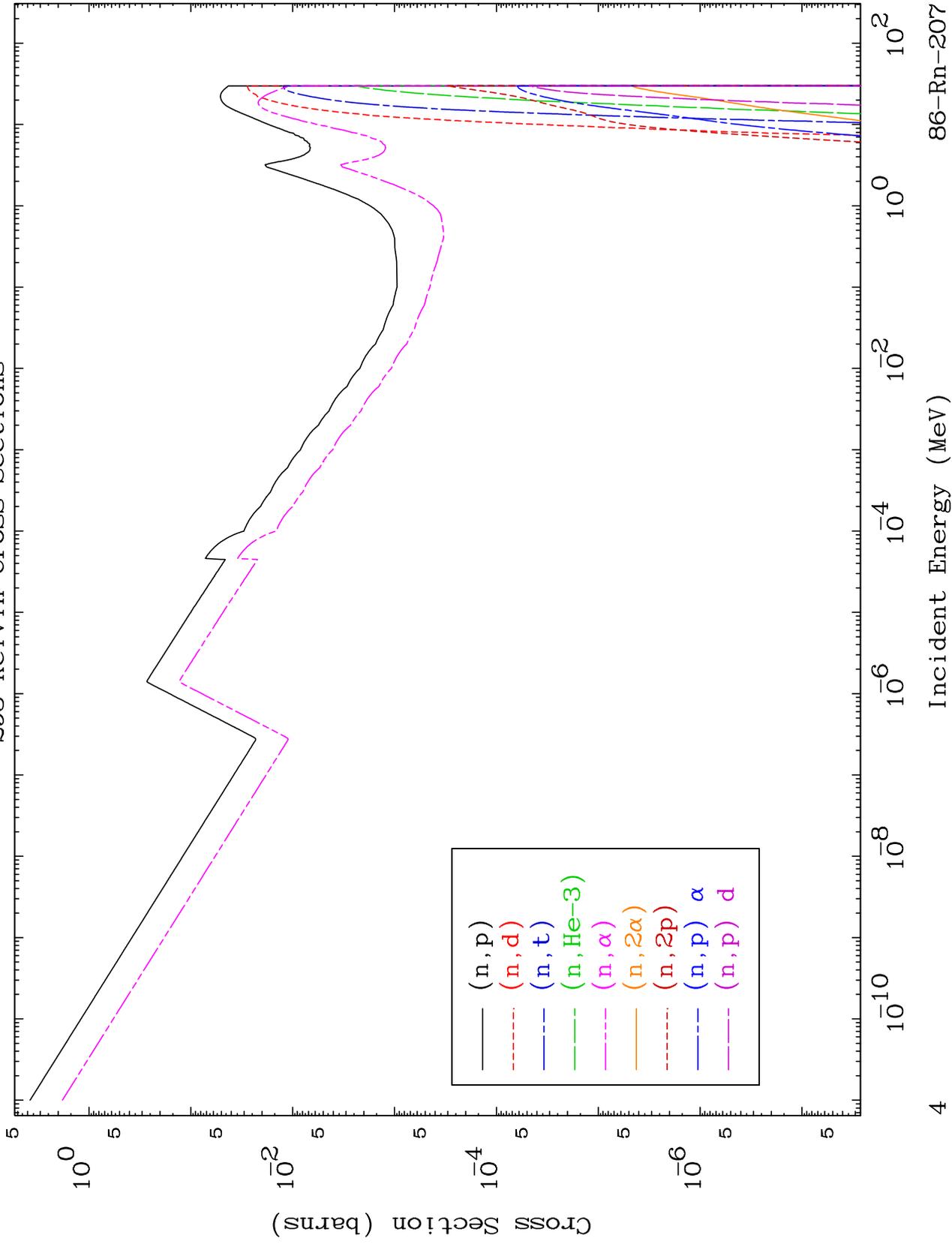
86-Rn-207

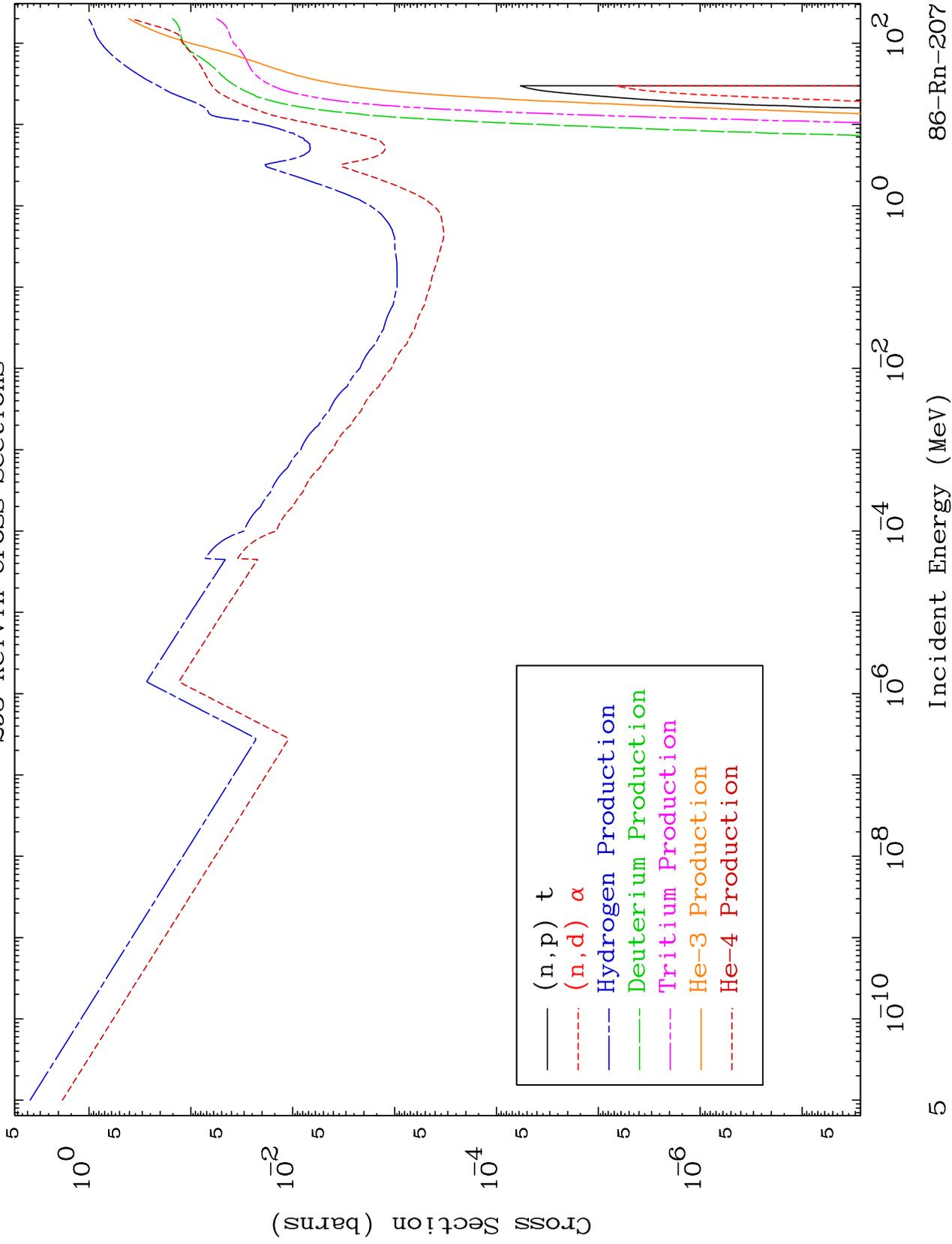
Incident Energy (MeV)

MAT 8613

Neutron Absorption
293 Kelvin Cross Sections

86-Rn-207

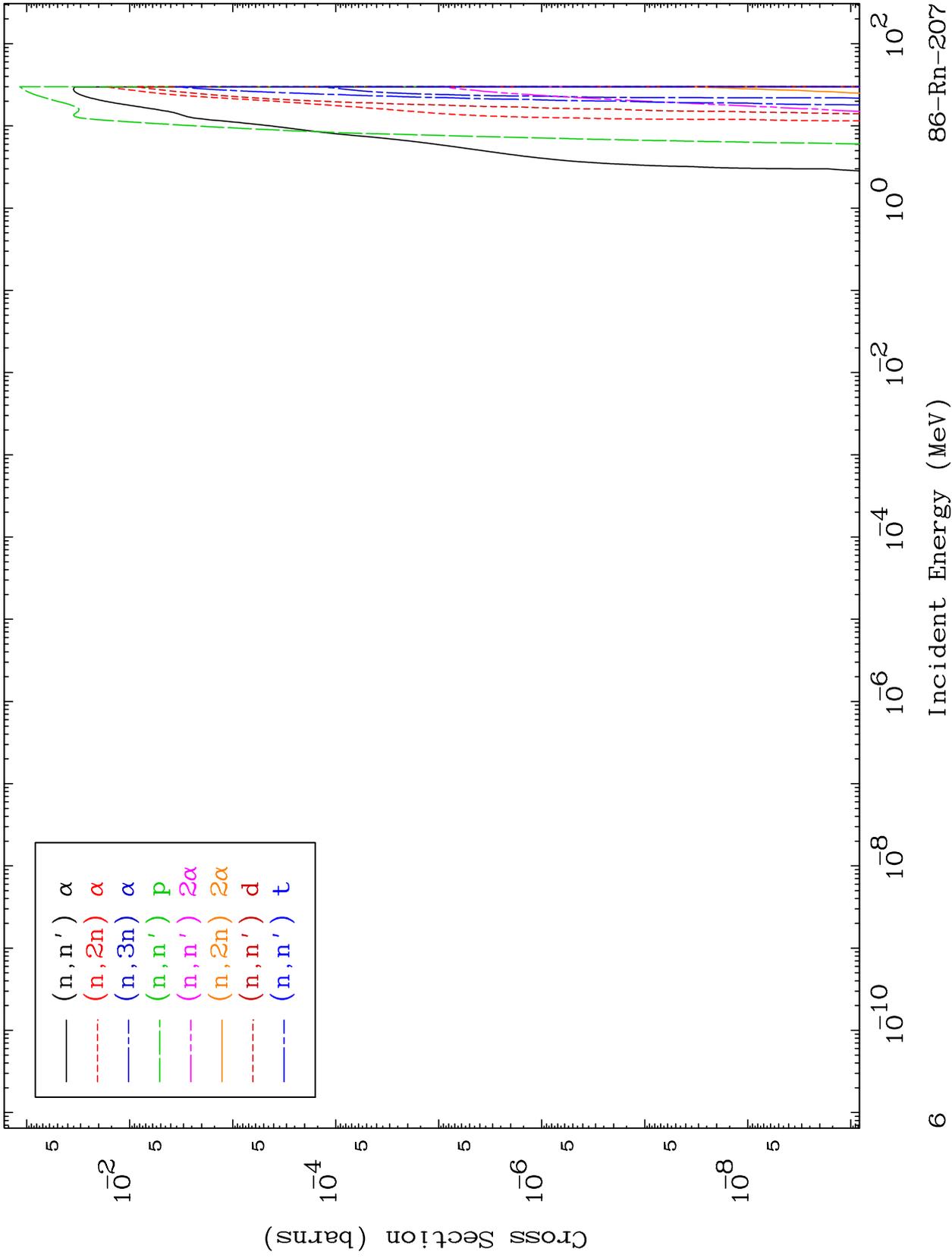




MAT 8613

Charged Particle
293 Kelvin Cross Sections

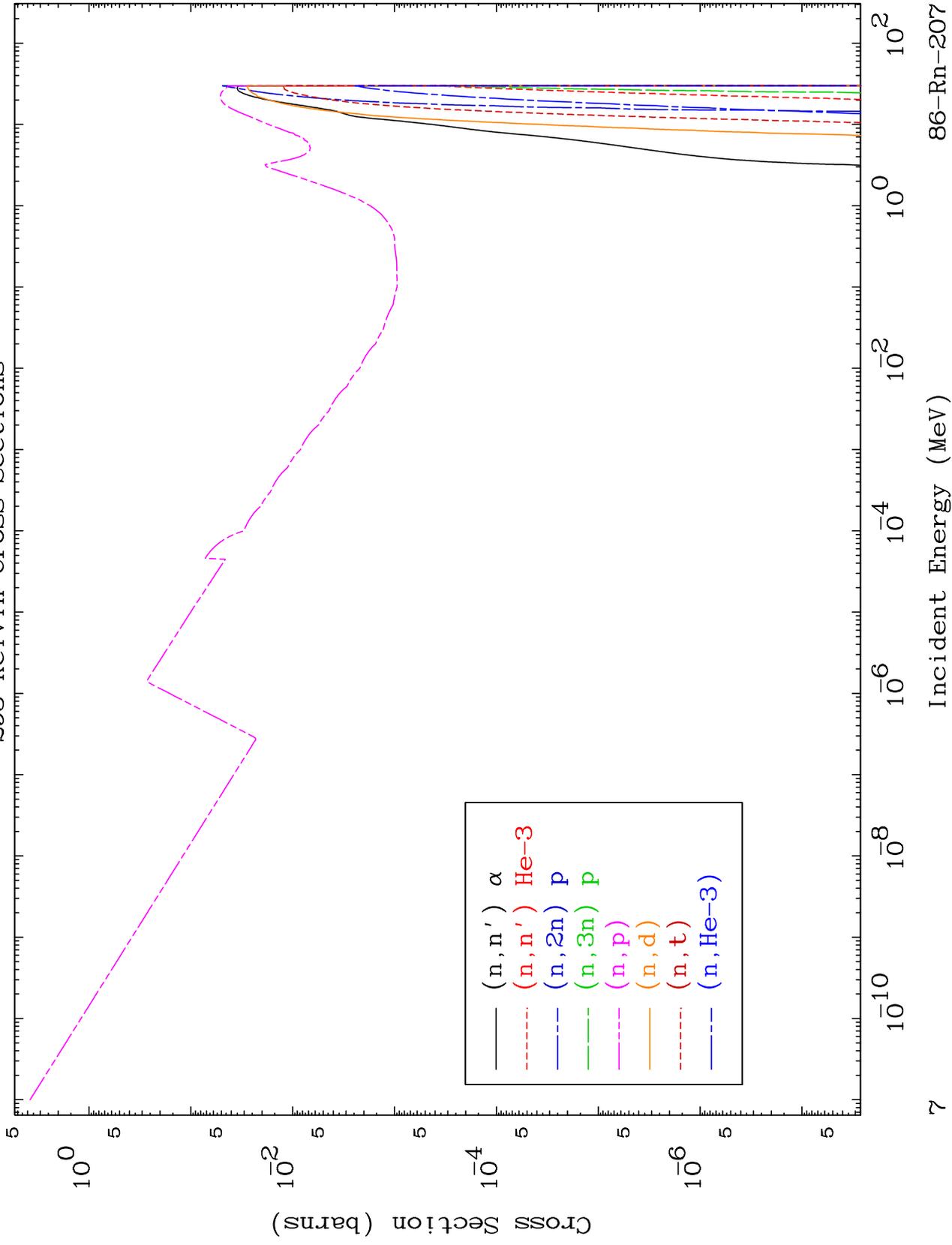
86-Rn-207



MAT 8613

Charged Particle
293 Kelvin Cross Sections

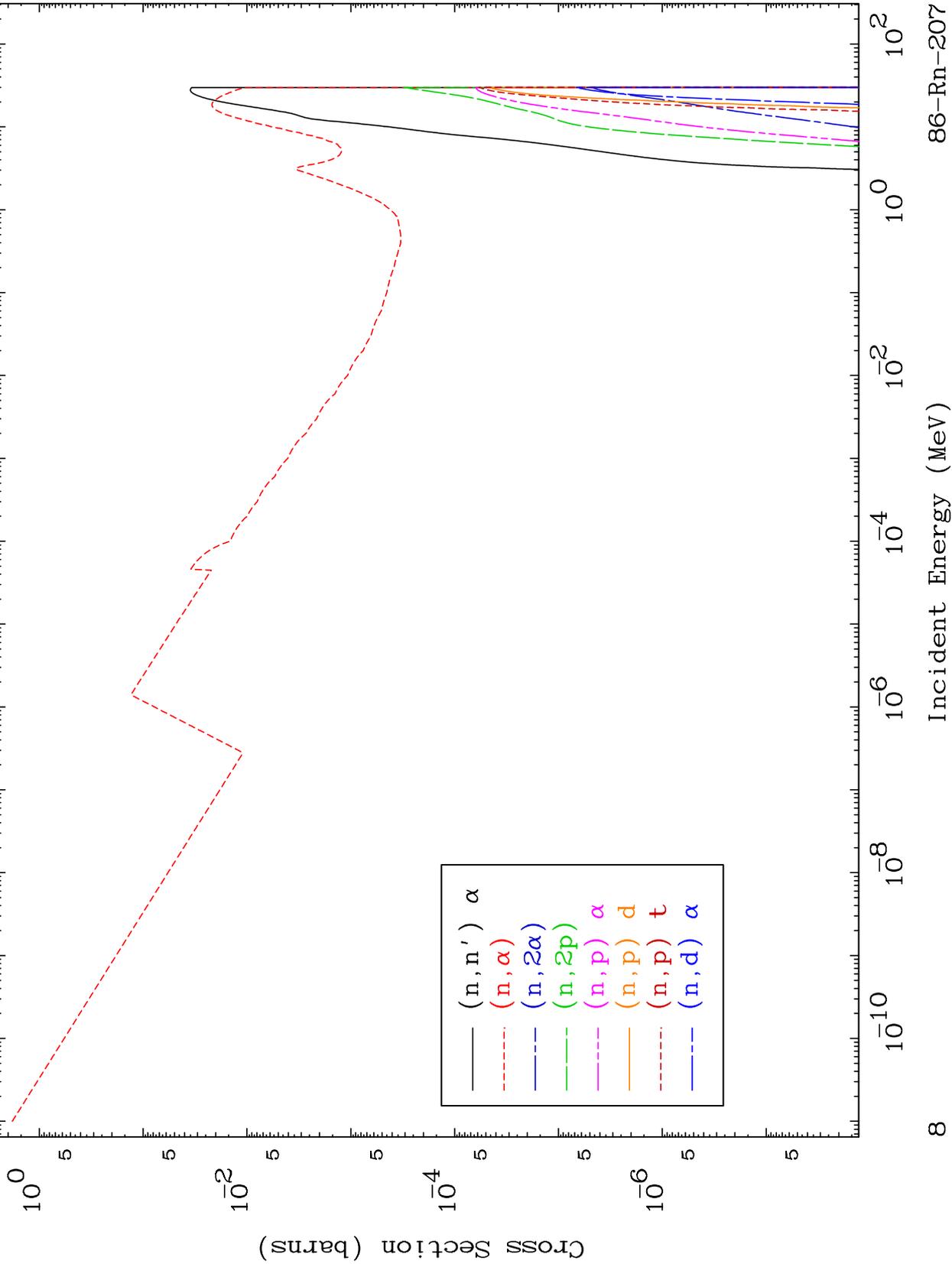
86-Rn-207



MAT 8613

Charged Particle
293 Kelvin Cross Sections

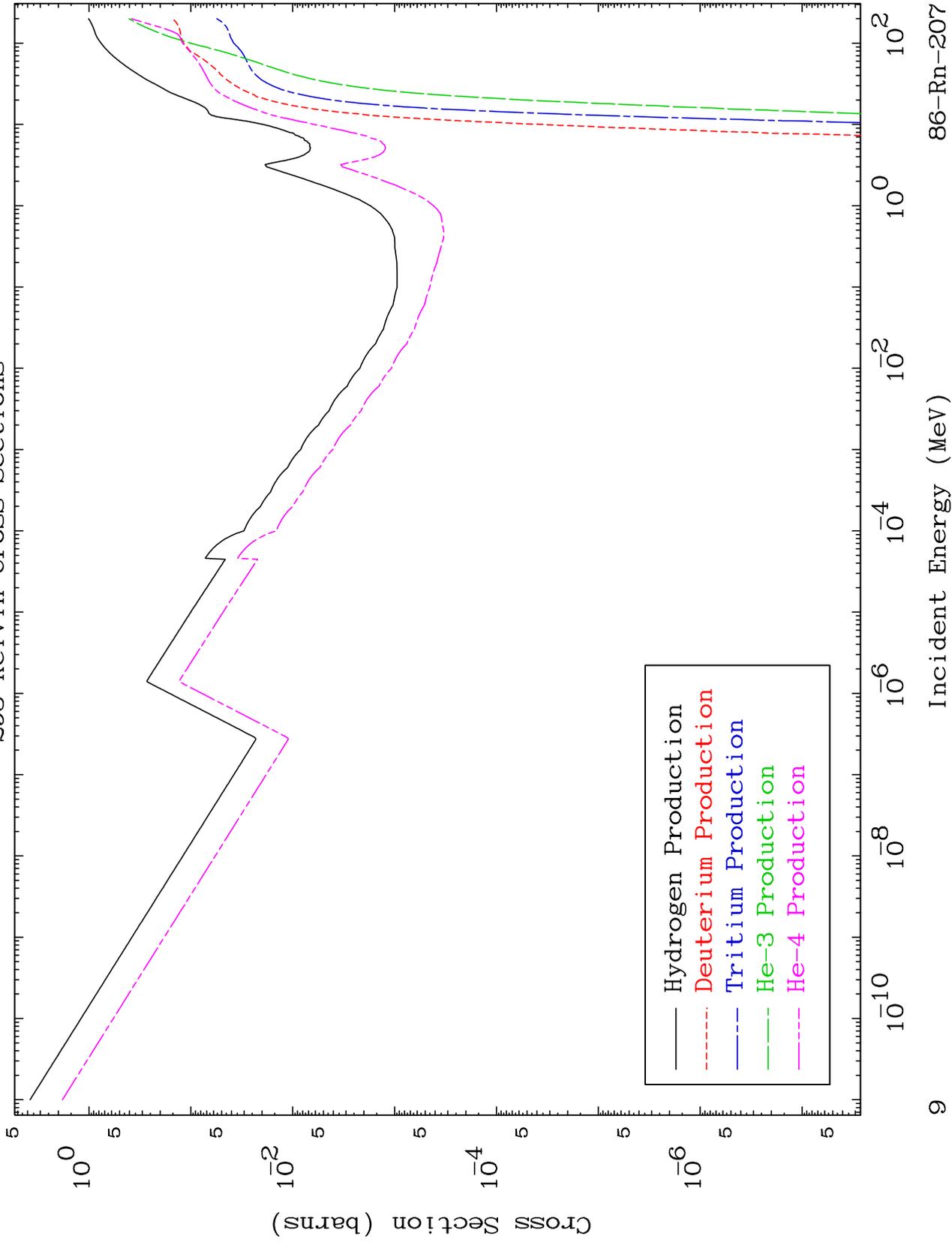
86-Rn-207



MAT 8613

Particle Production
293 Kelvin Cross Sections

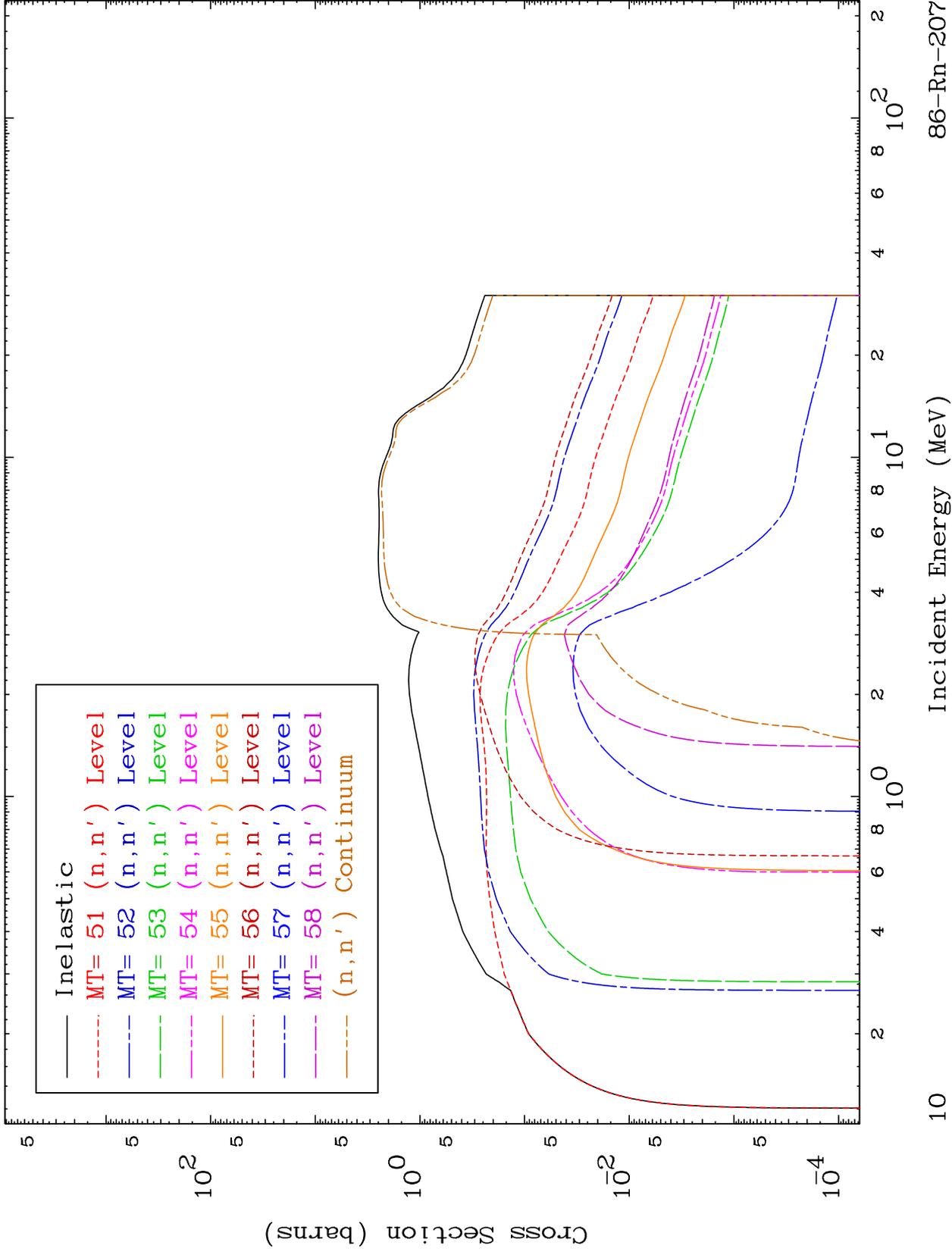
86-Rn-207



MAT 8613

(n,n') Levels
293 Kelvin Cross Sections

86-Rn-207



10

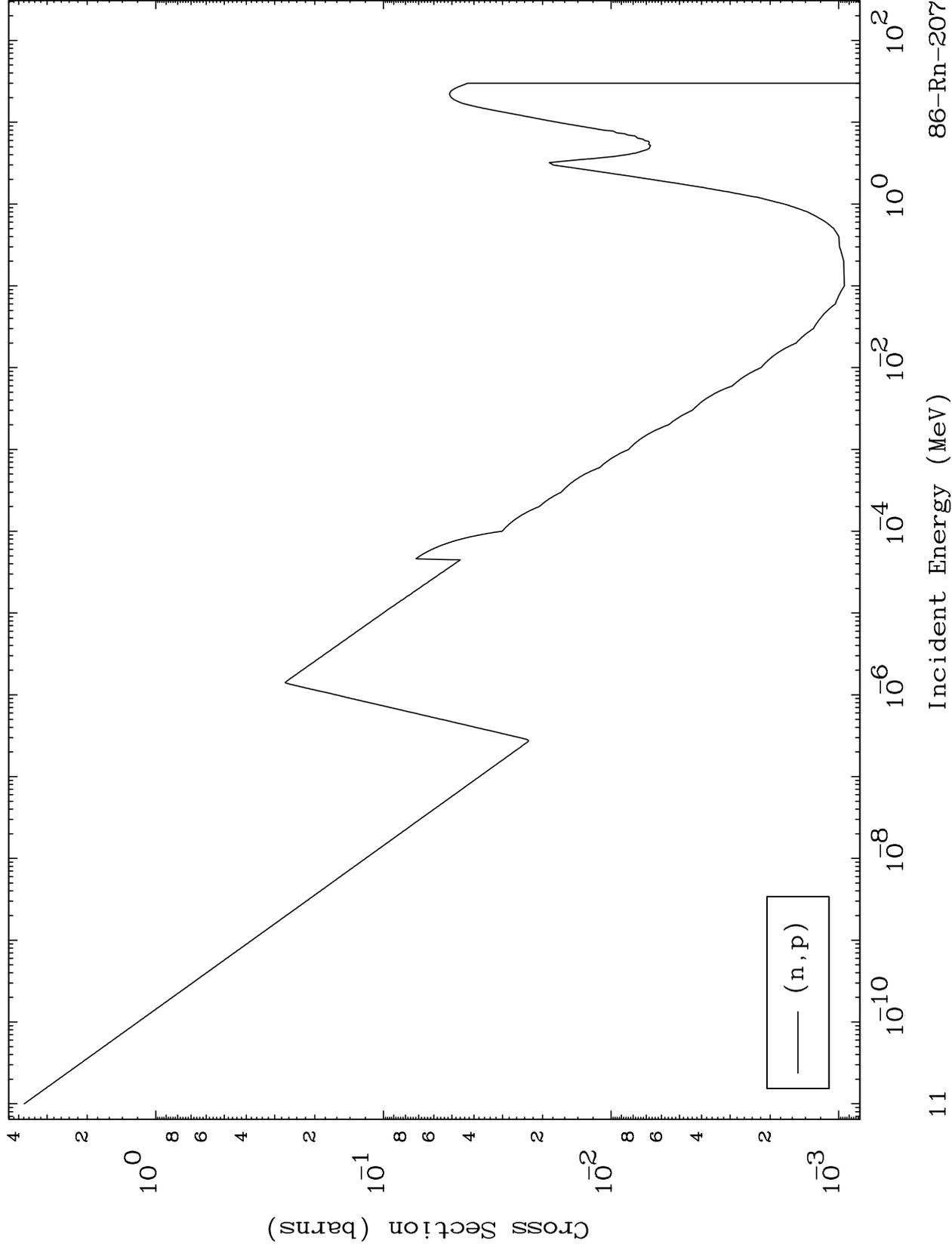
Incident Energy (MeV)

86-Rn-207

MAT 8613

(n,p) Levels
293 Kelvin Cross Sections

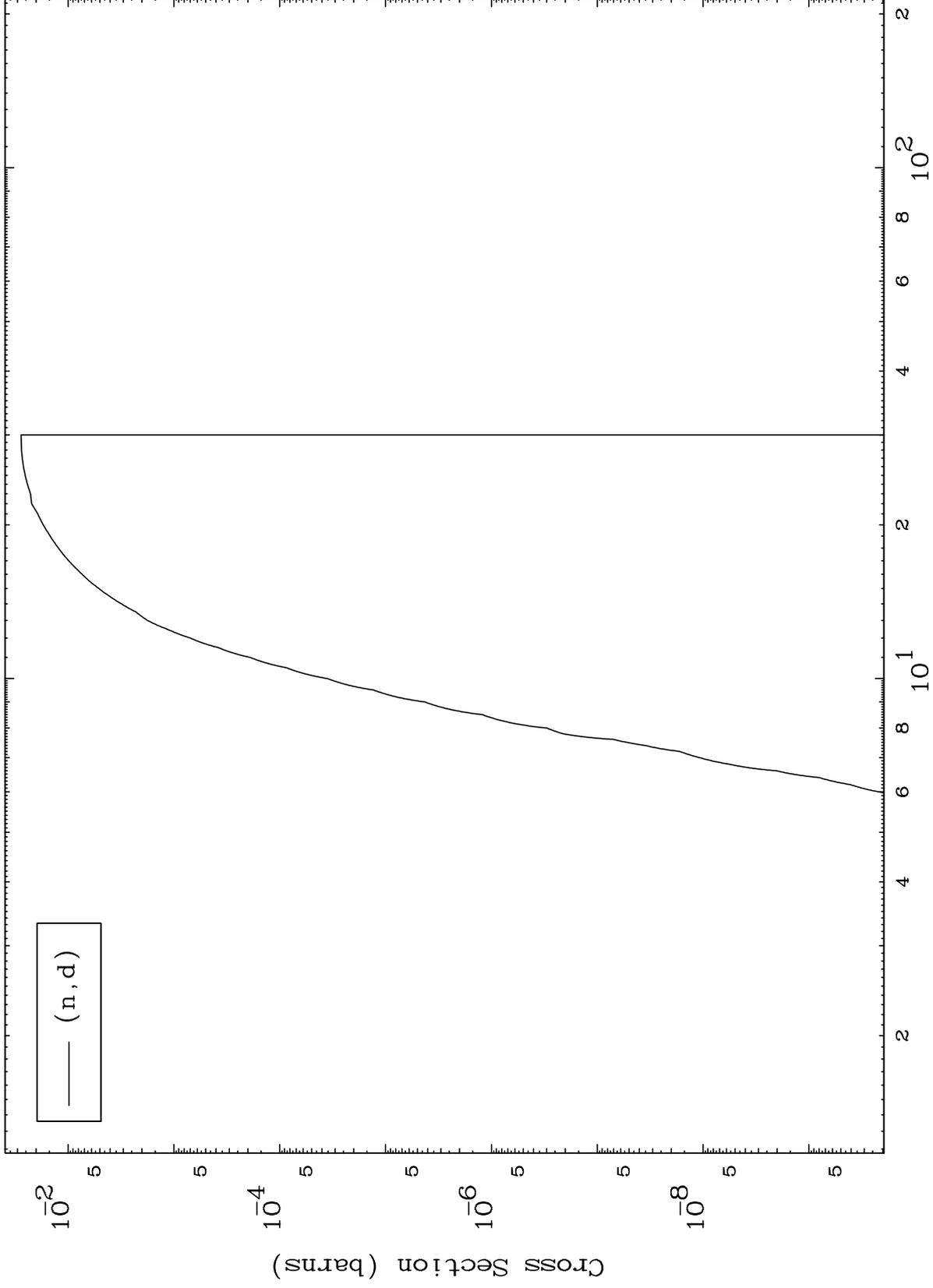
86-Rn-207



MAT 8613

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-207



12

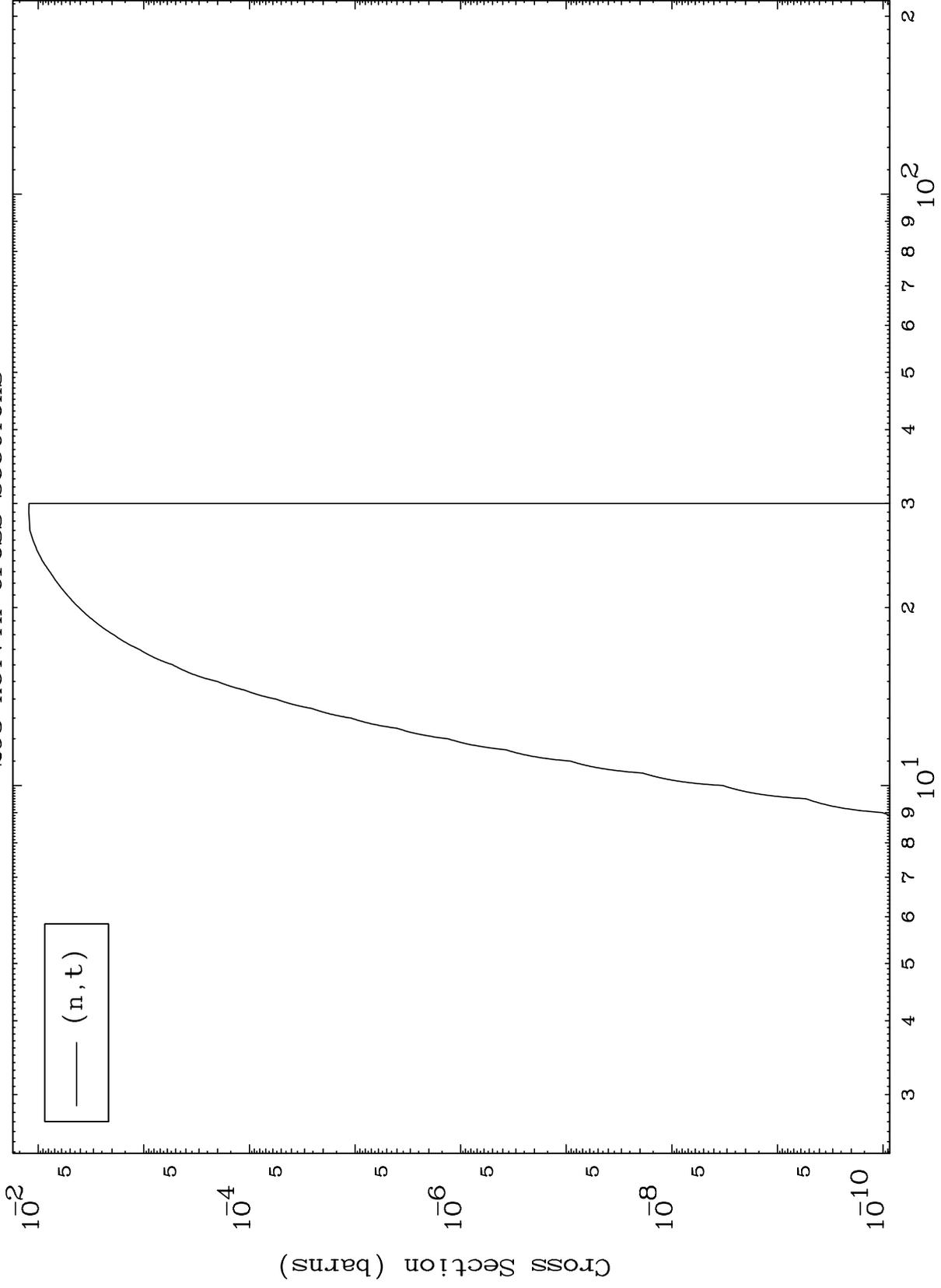
Incident Energy (MeV)

86-Rn-207

MAT 8613

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-207



13

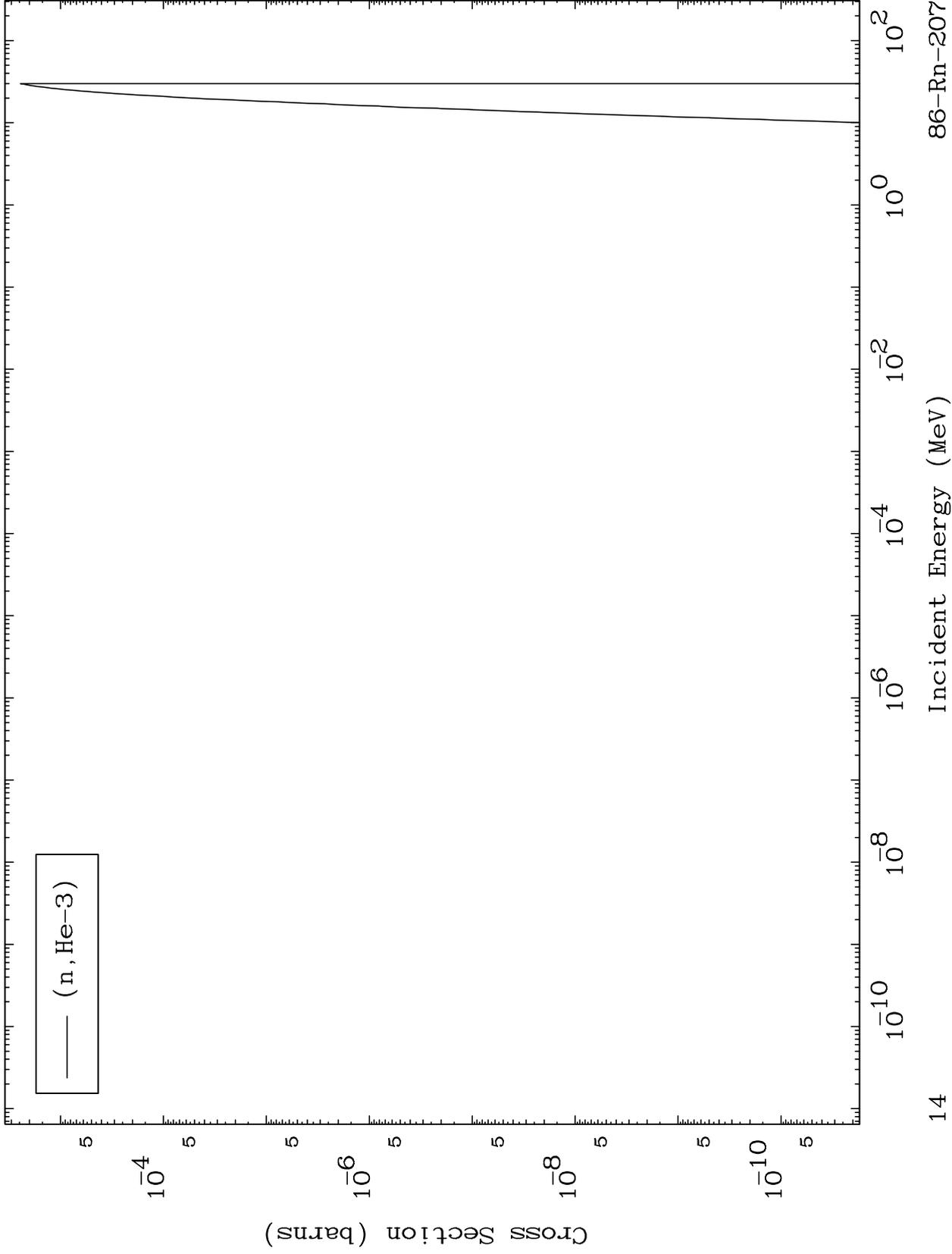
Incident Energy (MeV)

86-Rn-207

MAT 8613

(n,He3) Levels
293 Kelvin Cross Sections

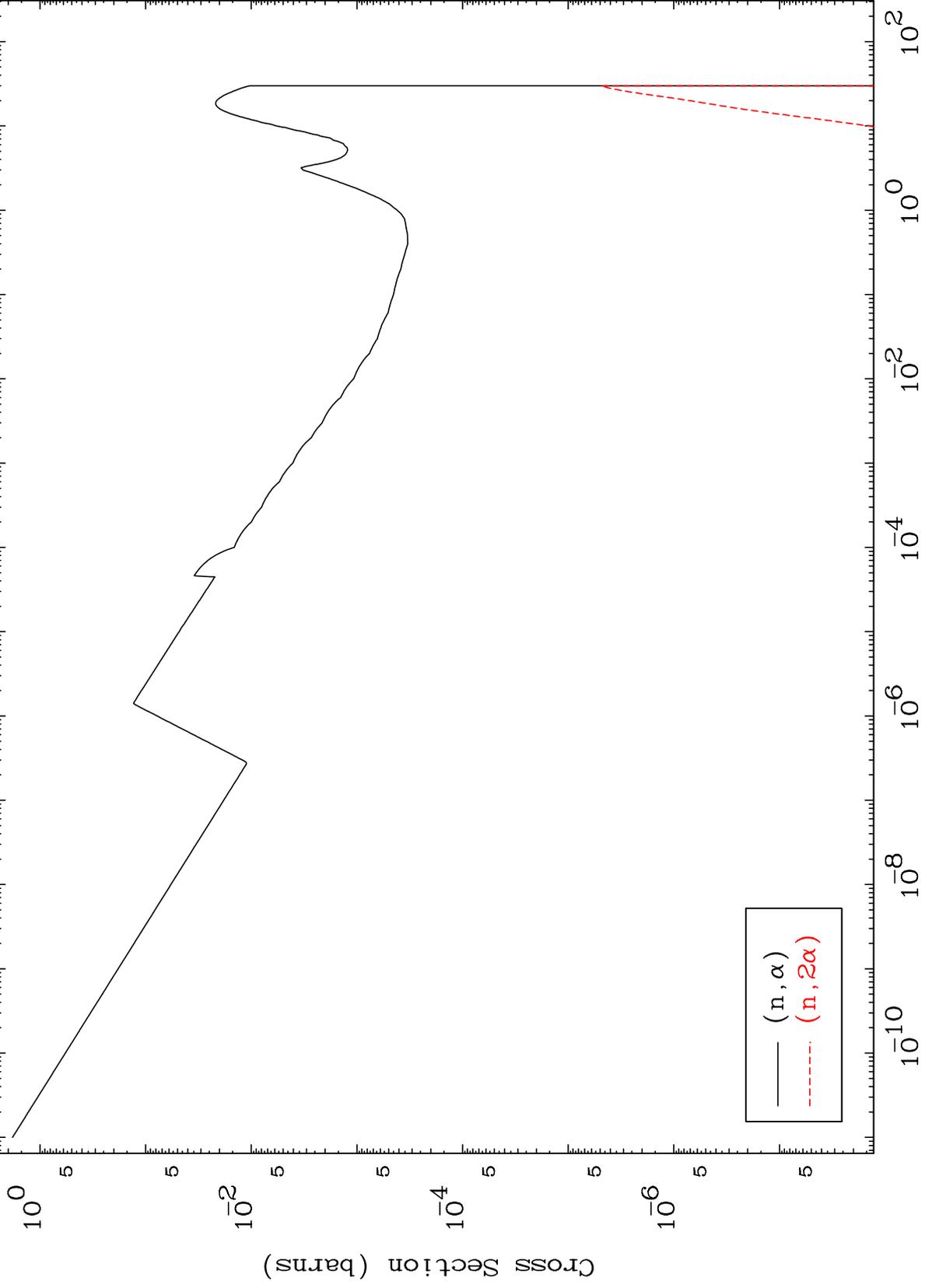
86-Rn-207



MAT 8613

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-207



15

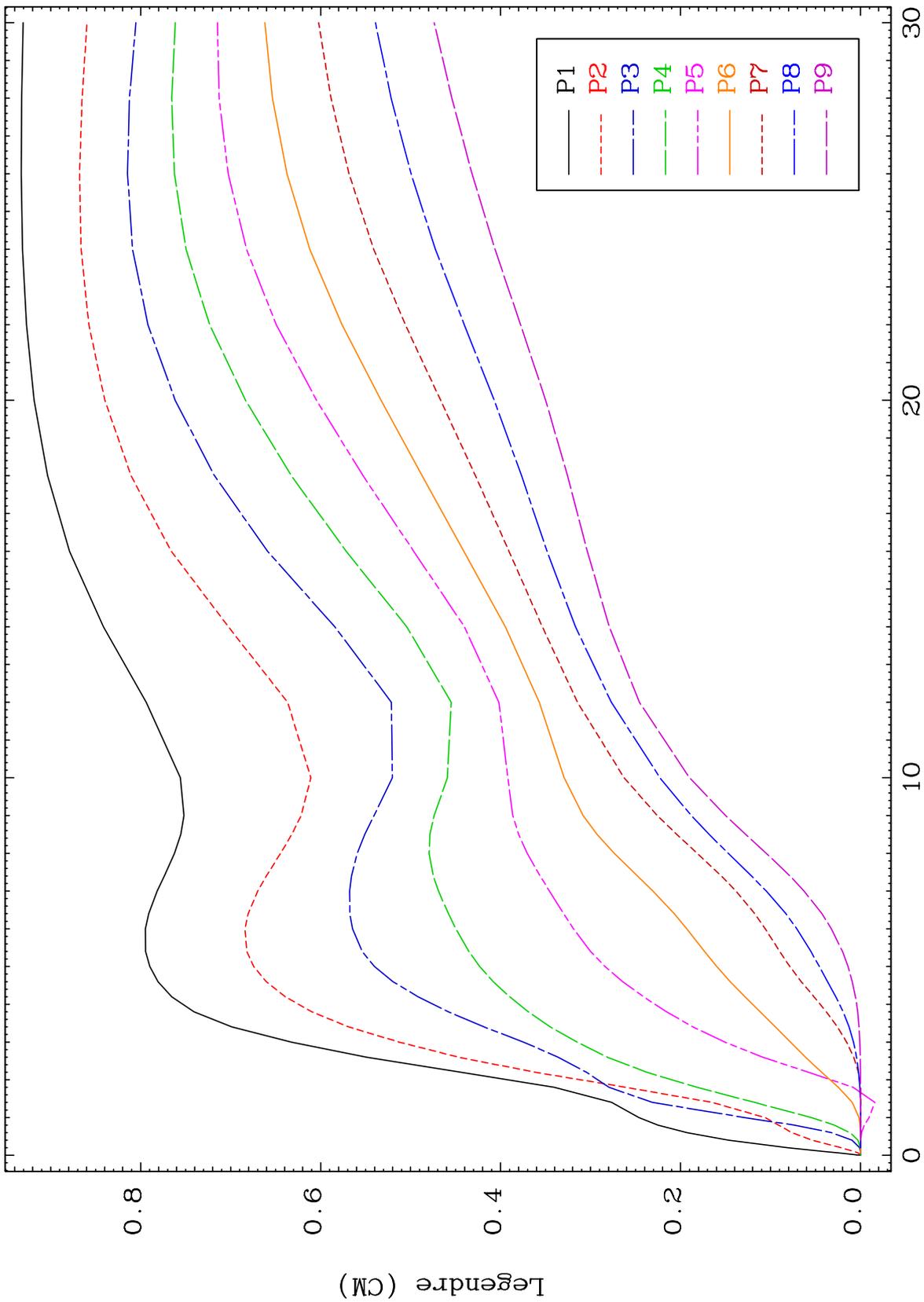
Incident Energy (MeV)

86-Rn-207

MAT 8613

86-Rn-207

Elastic Legendre Coefficients



86-Rn-207

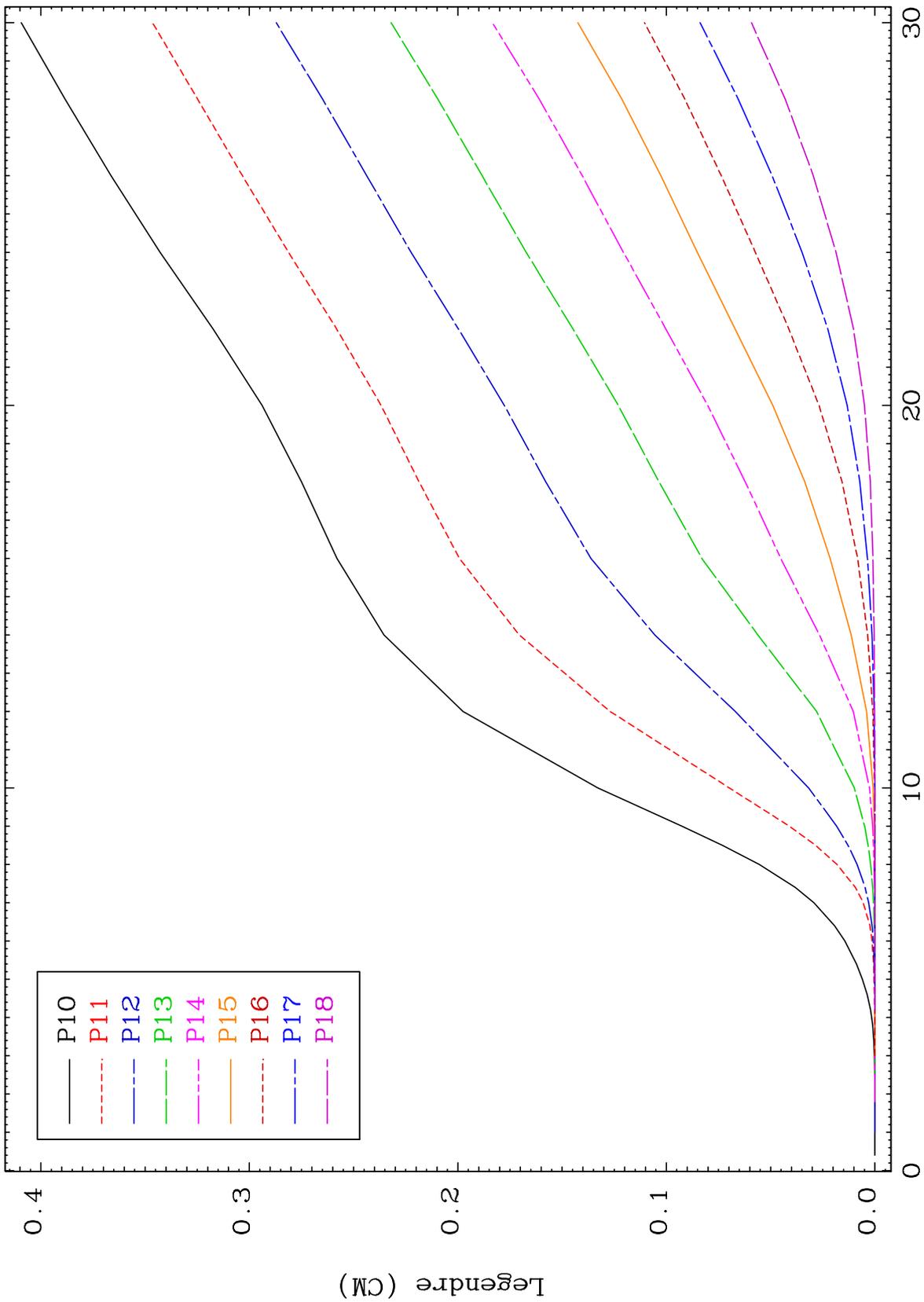
Incident Energy (MeV)

16

MAT 8613

Elastic Legendre Coefficients

86-Rn-207



17

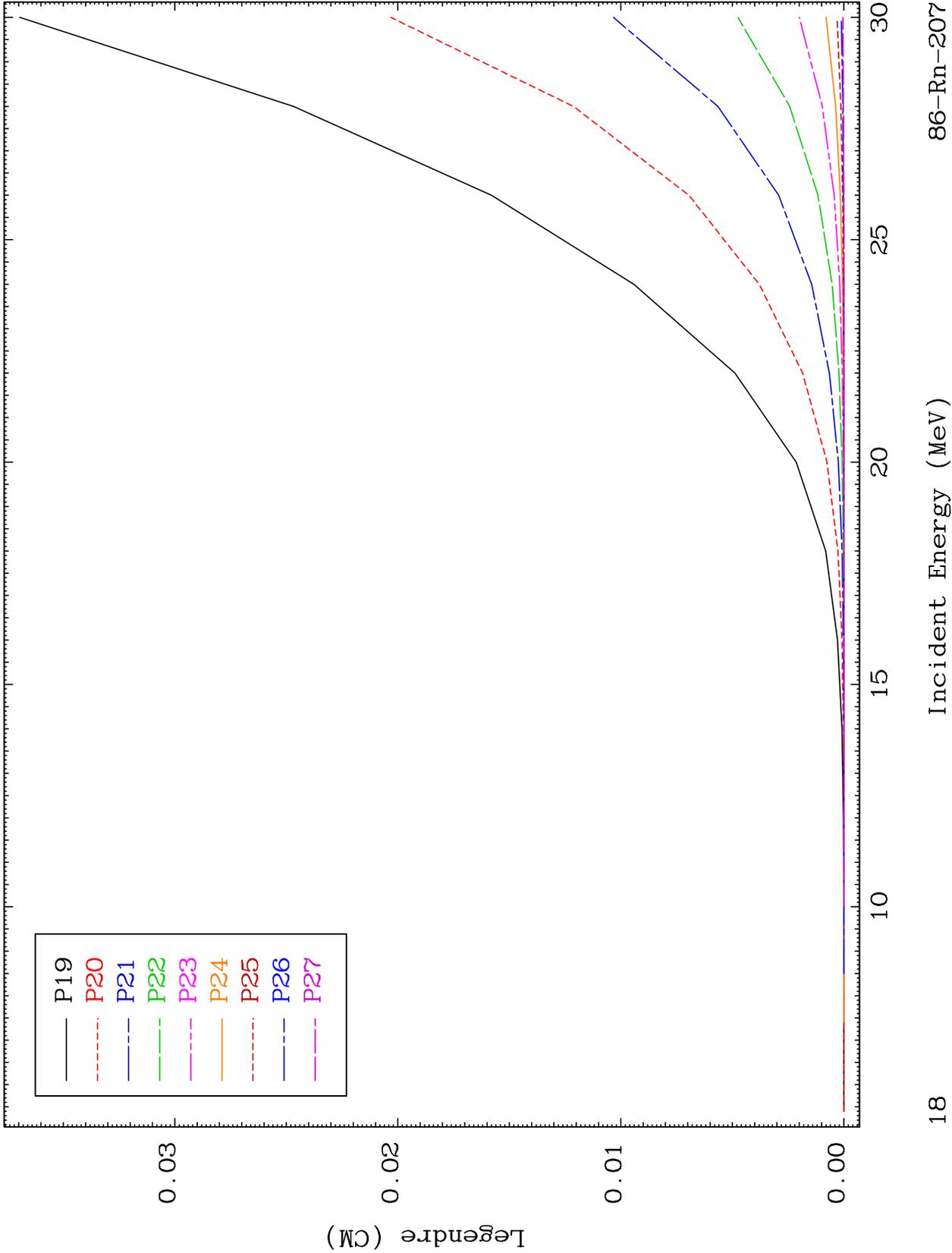
Incident Energy (MeV)

86-Rn-207

MAT 8613

Elastic Legendre Coefficients

86-Rn-207



18

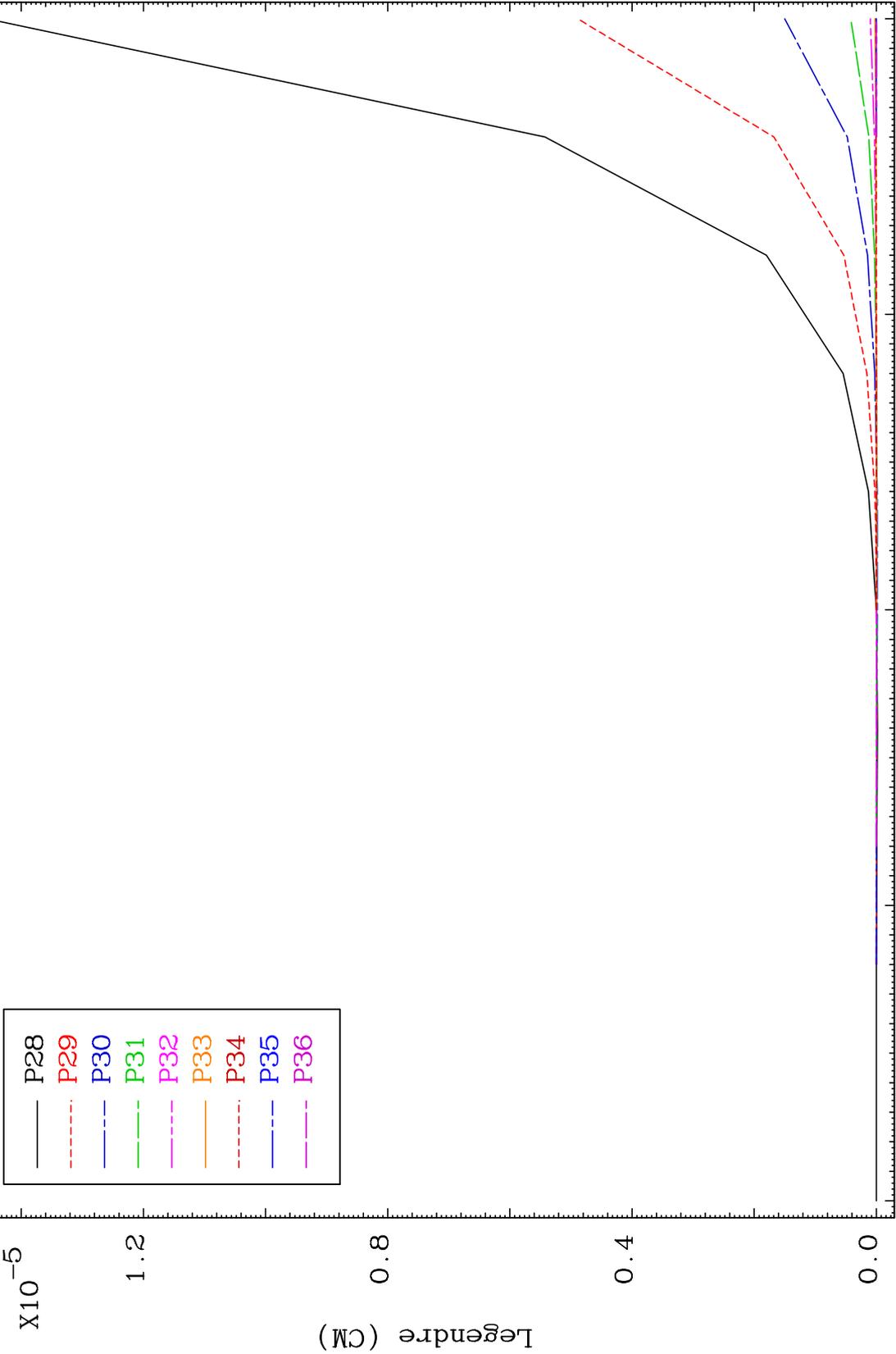
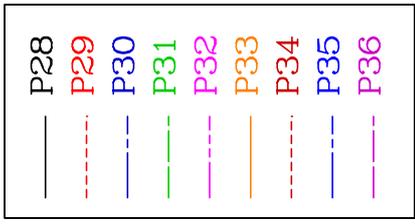
Incident Energy (MeV)

86-Rn-207

MAT 8613

Elastic Legendre Coefficients

86-Rn-207



19

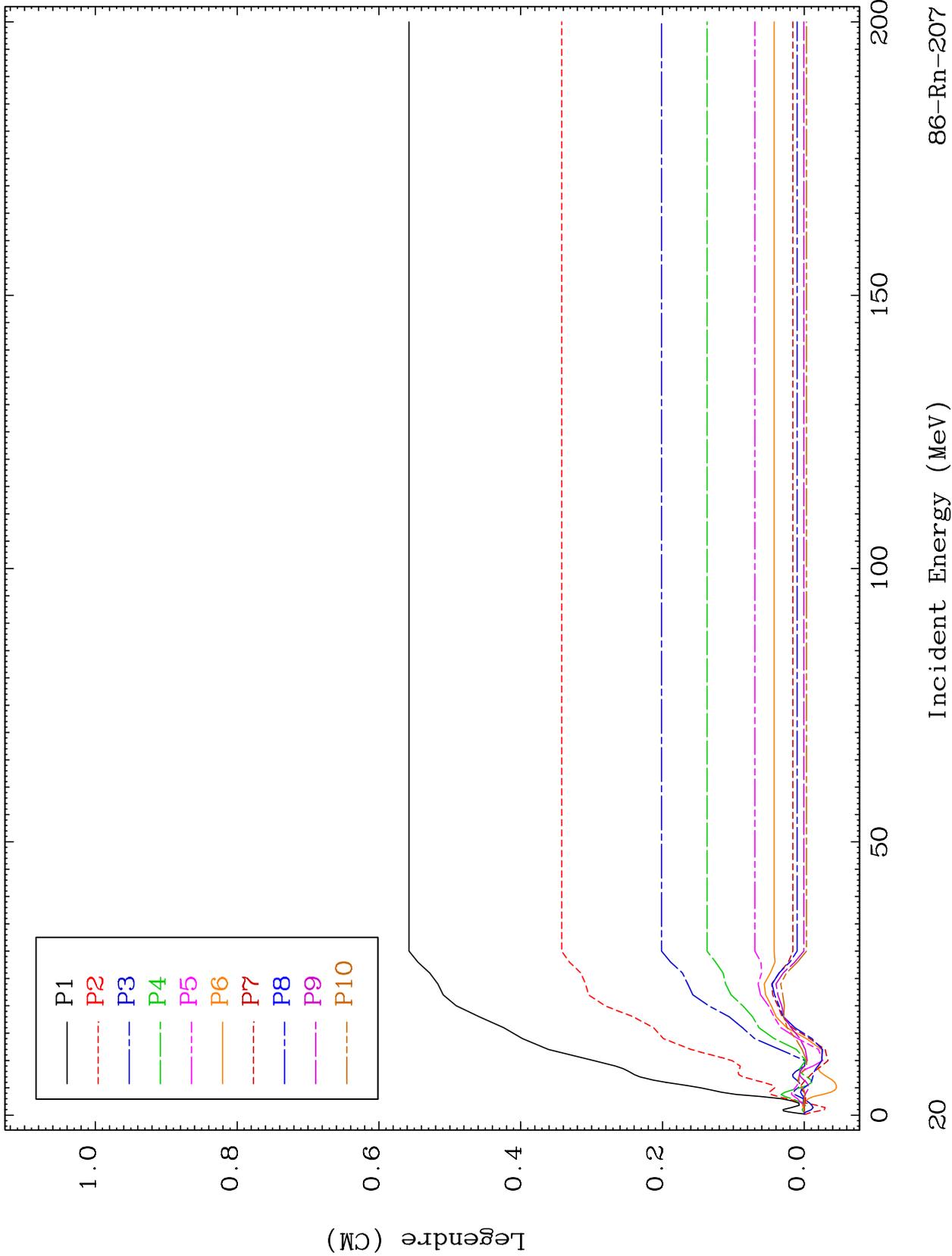
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



86-Rn-207

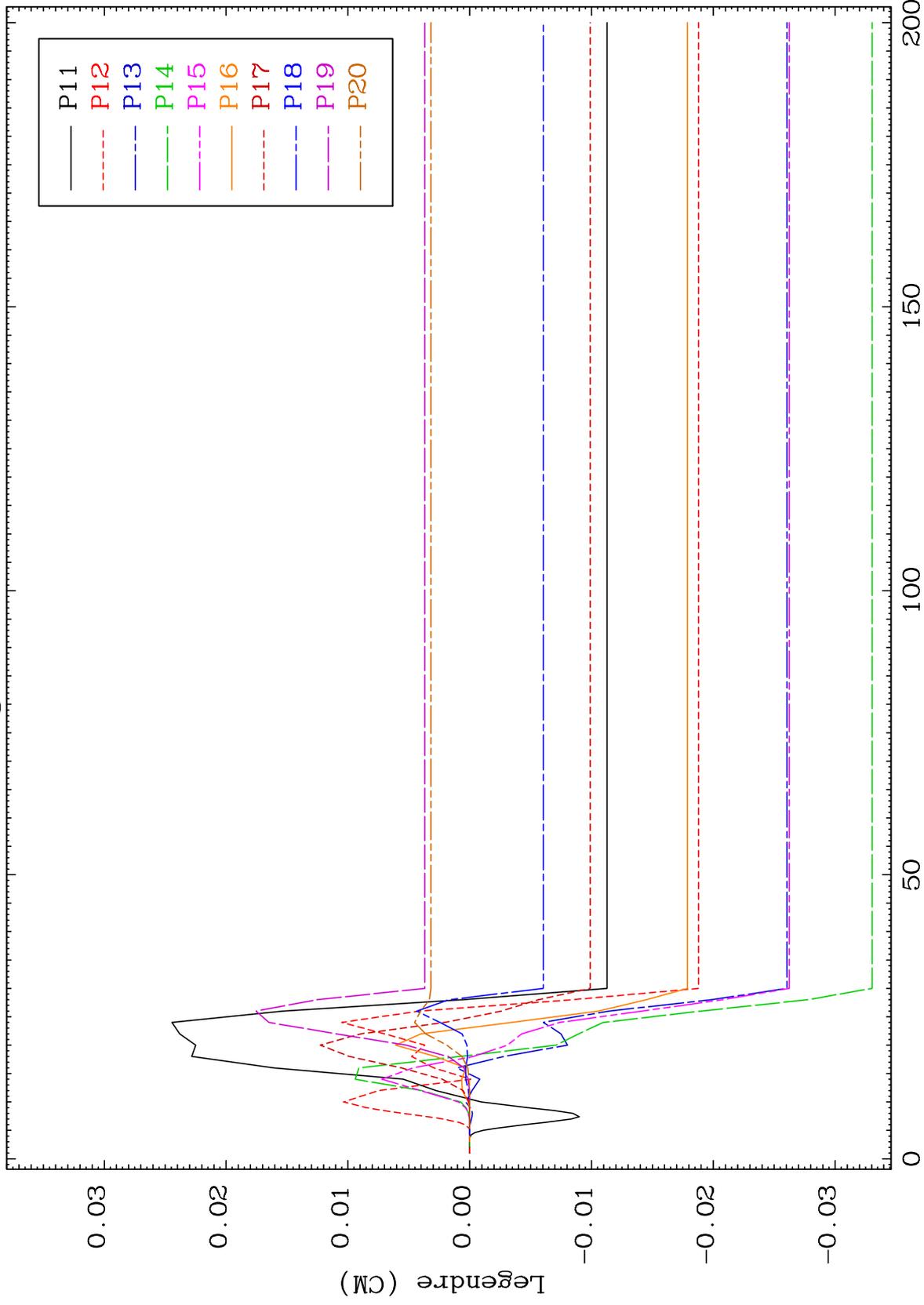
Incident Energy (MeV)

0

MAT 8613

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

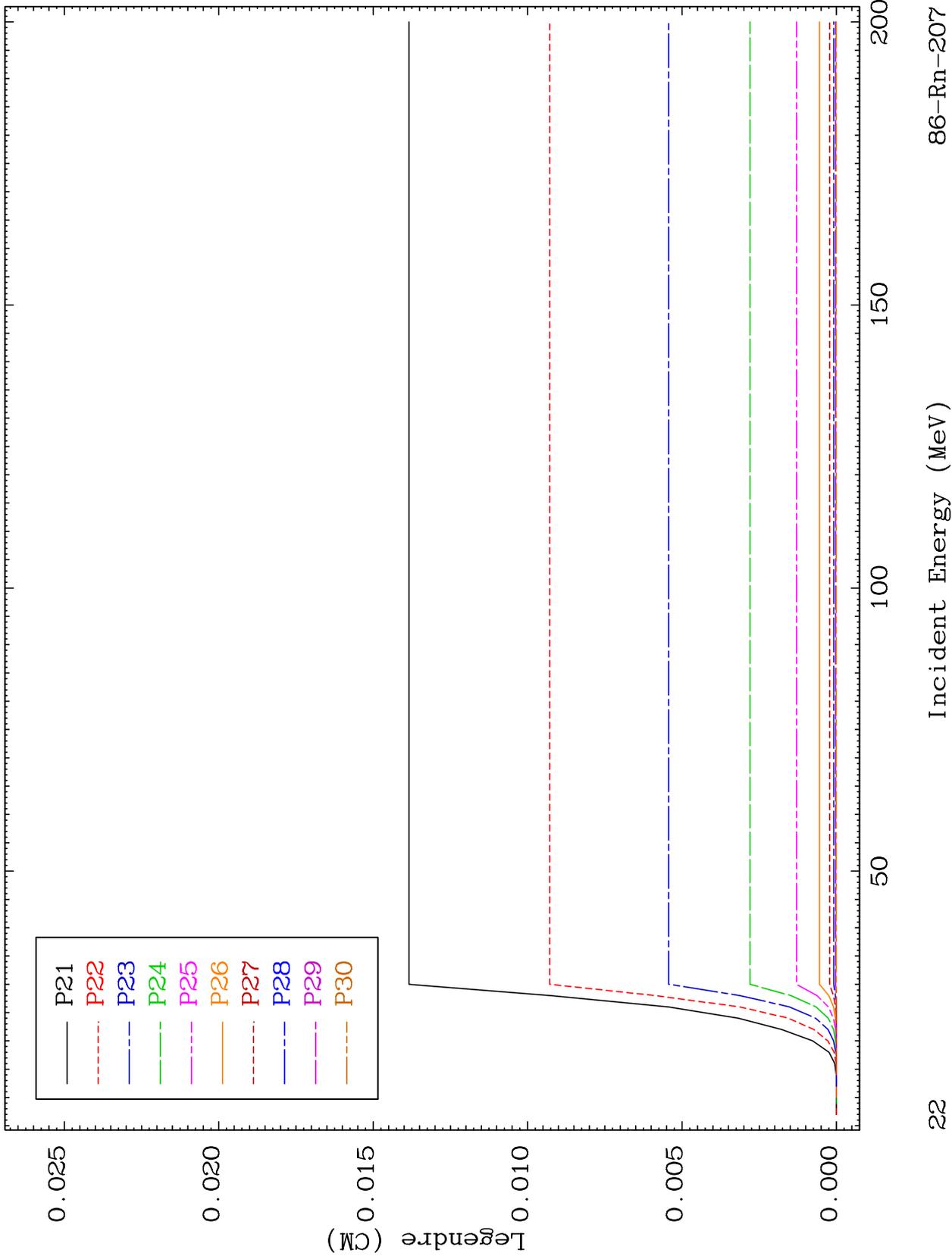
86-Rn-207



21

Incident Energy (MeV)

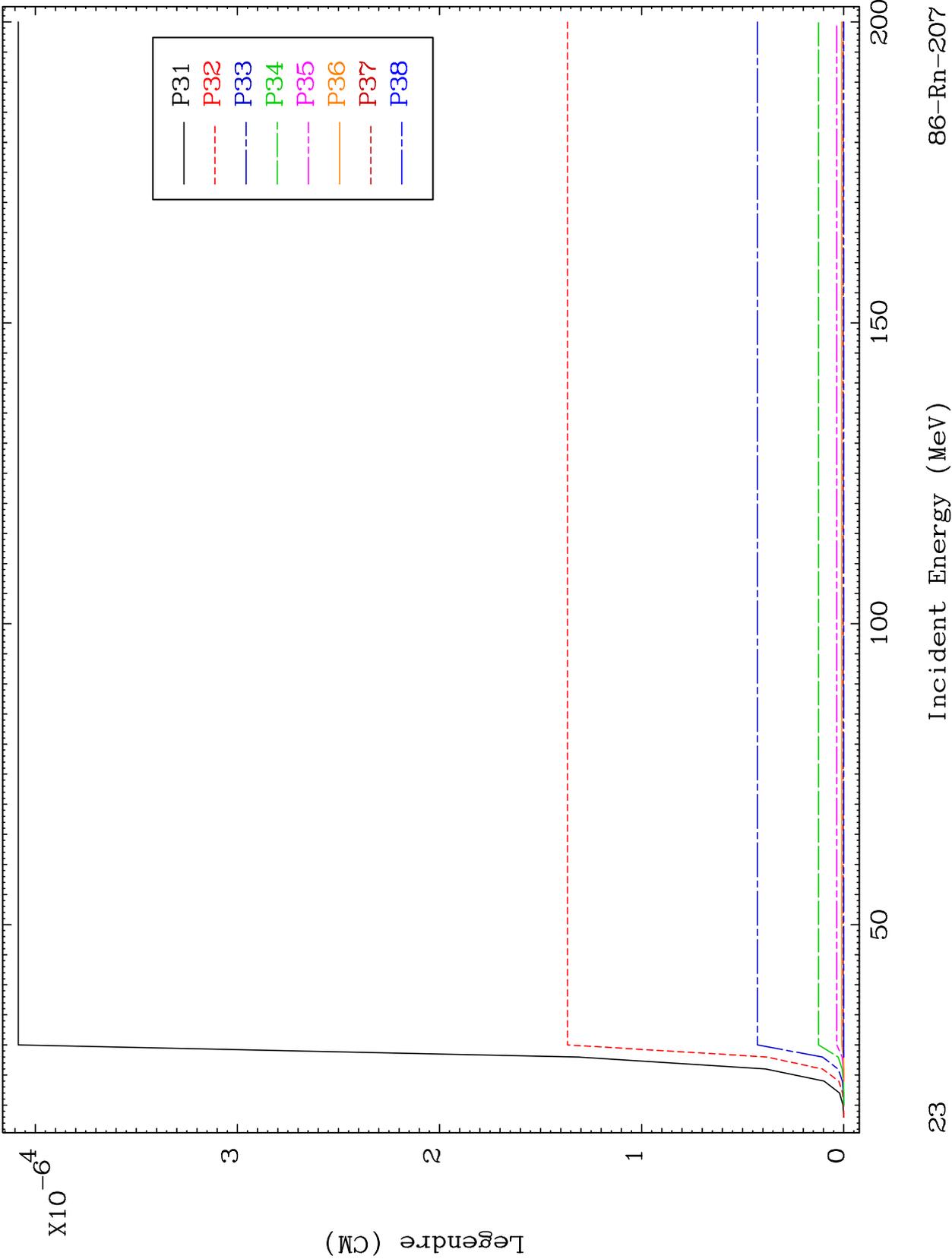
86-Rn-207



MAT 8613

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

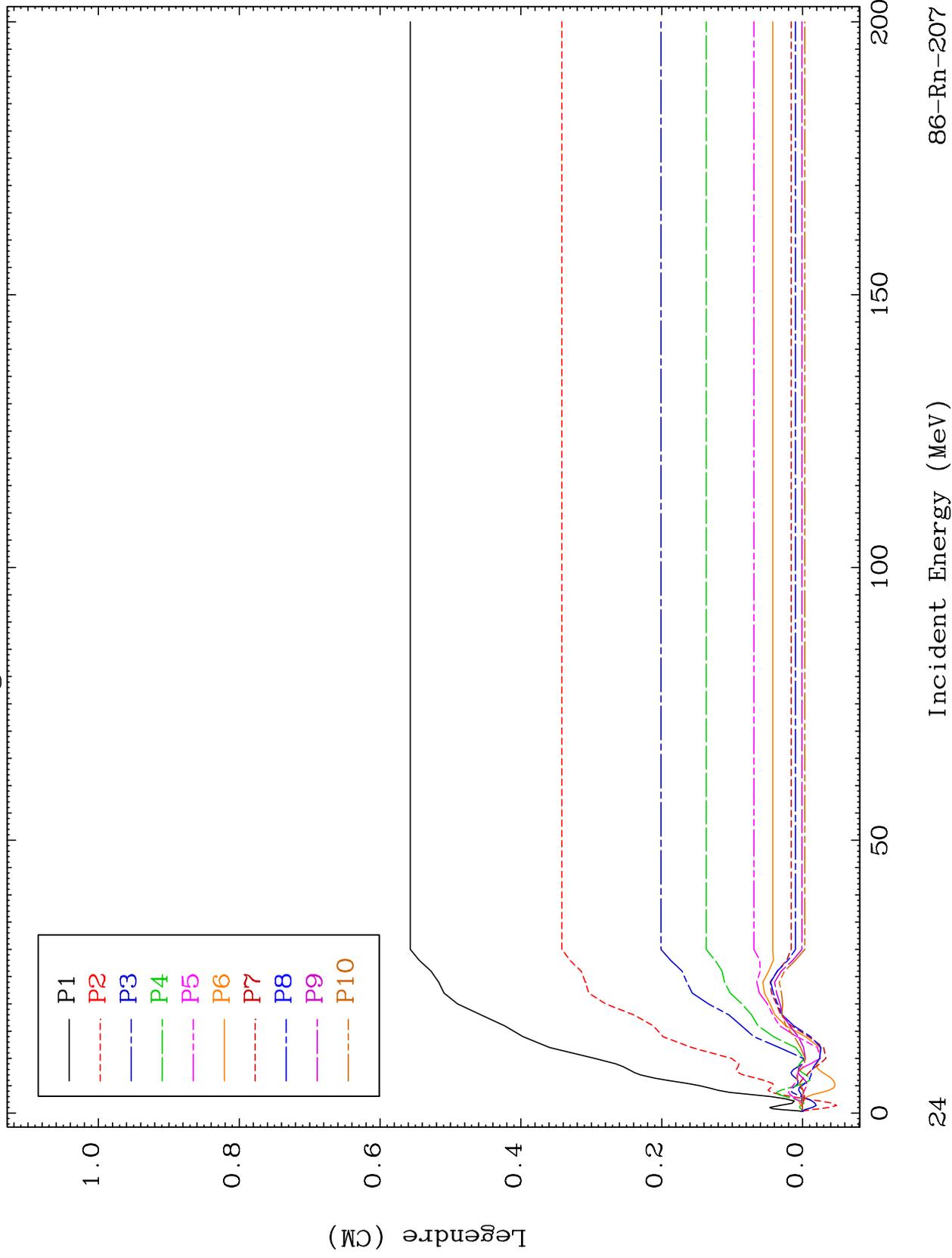
86-Rn-207



MAT 8613

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

86-Rn-207



86-Rn-207

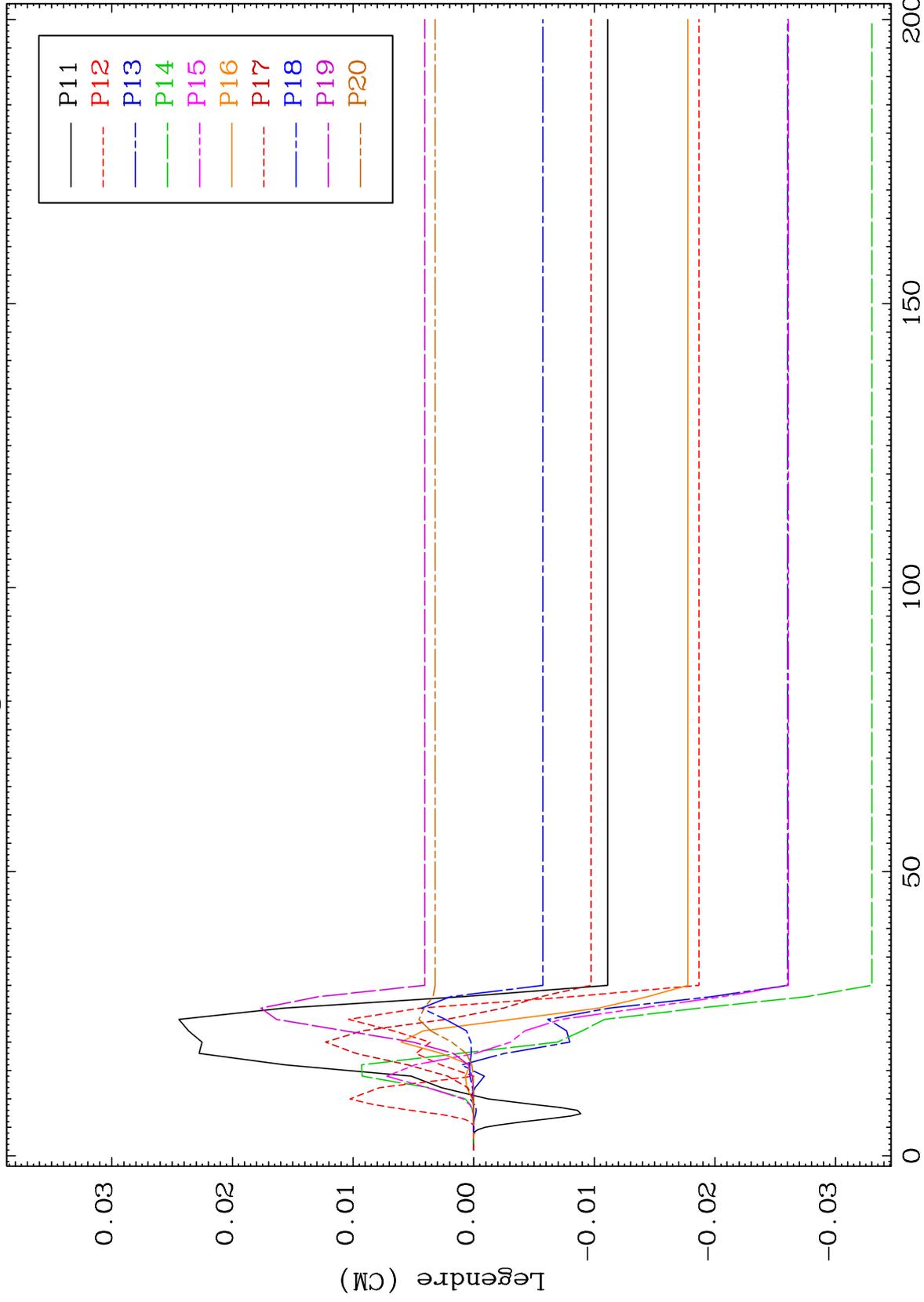
Incident Energy (MeV)

24

MAT 8613

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

86-Rn-207



25

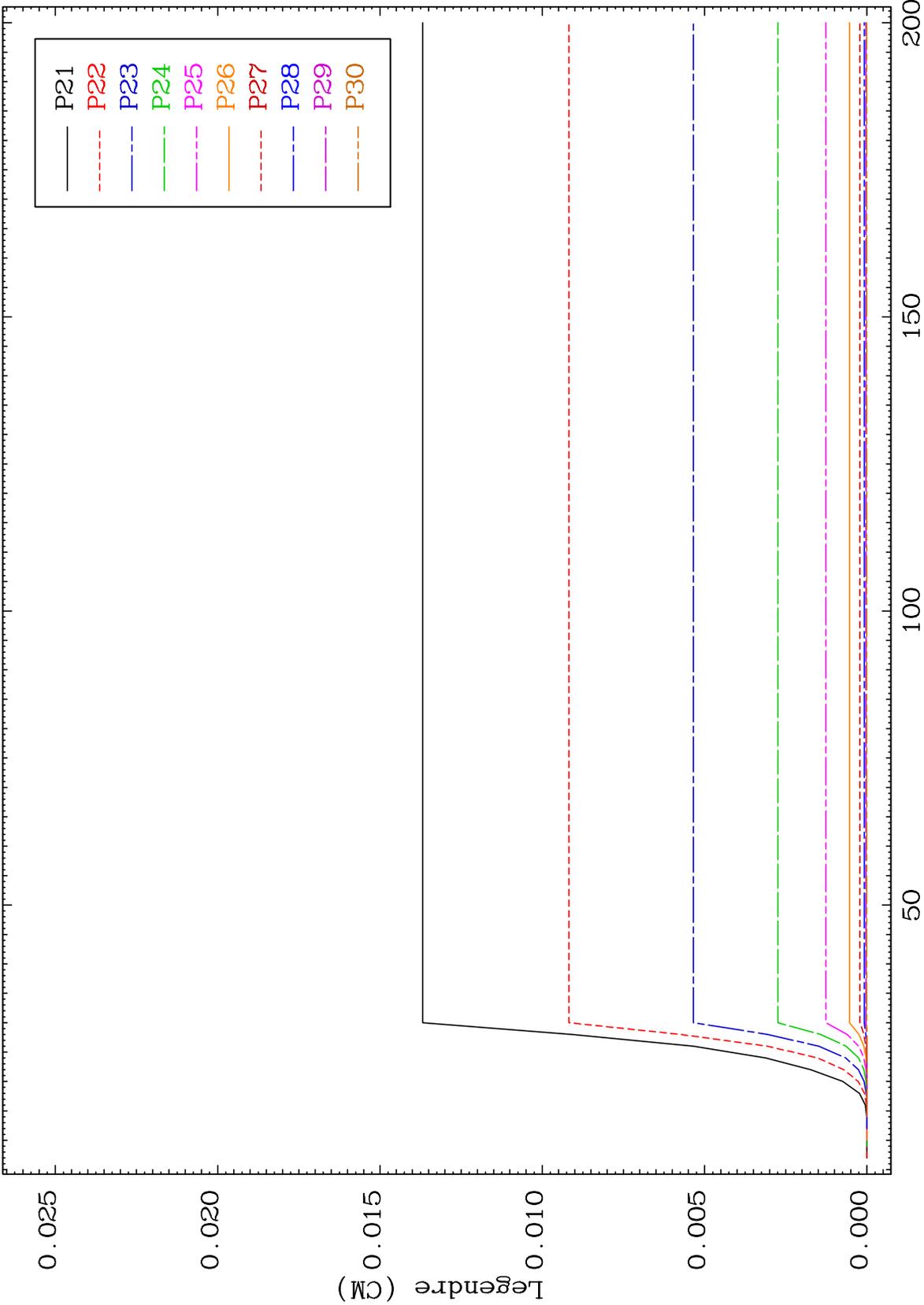
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



26

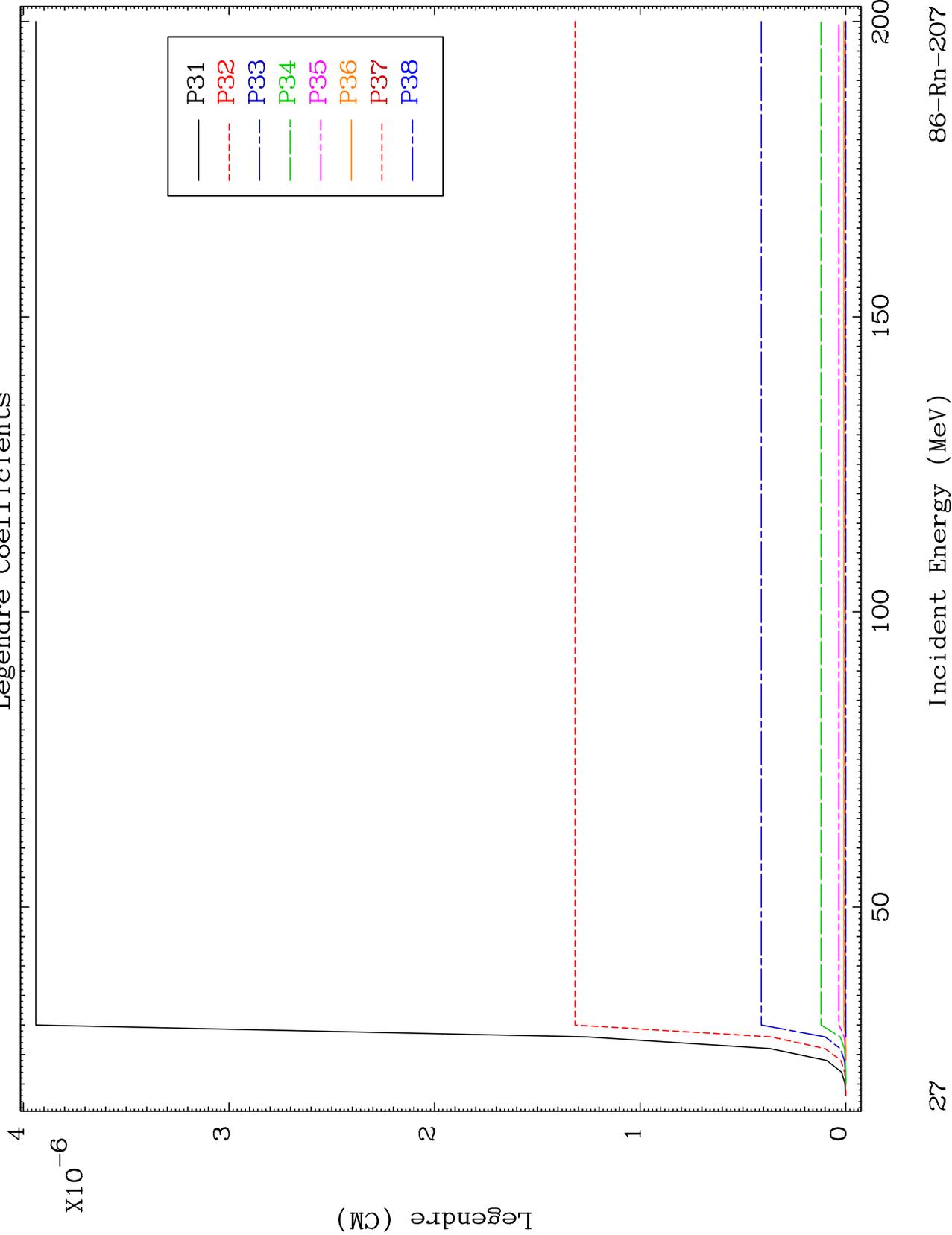
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



27

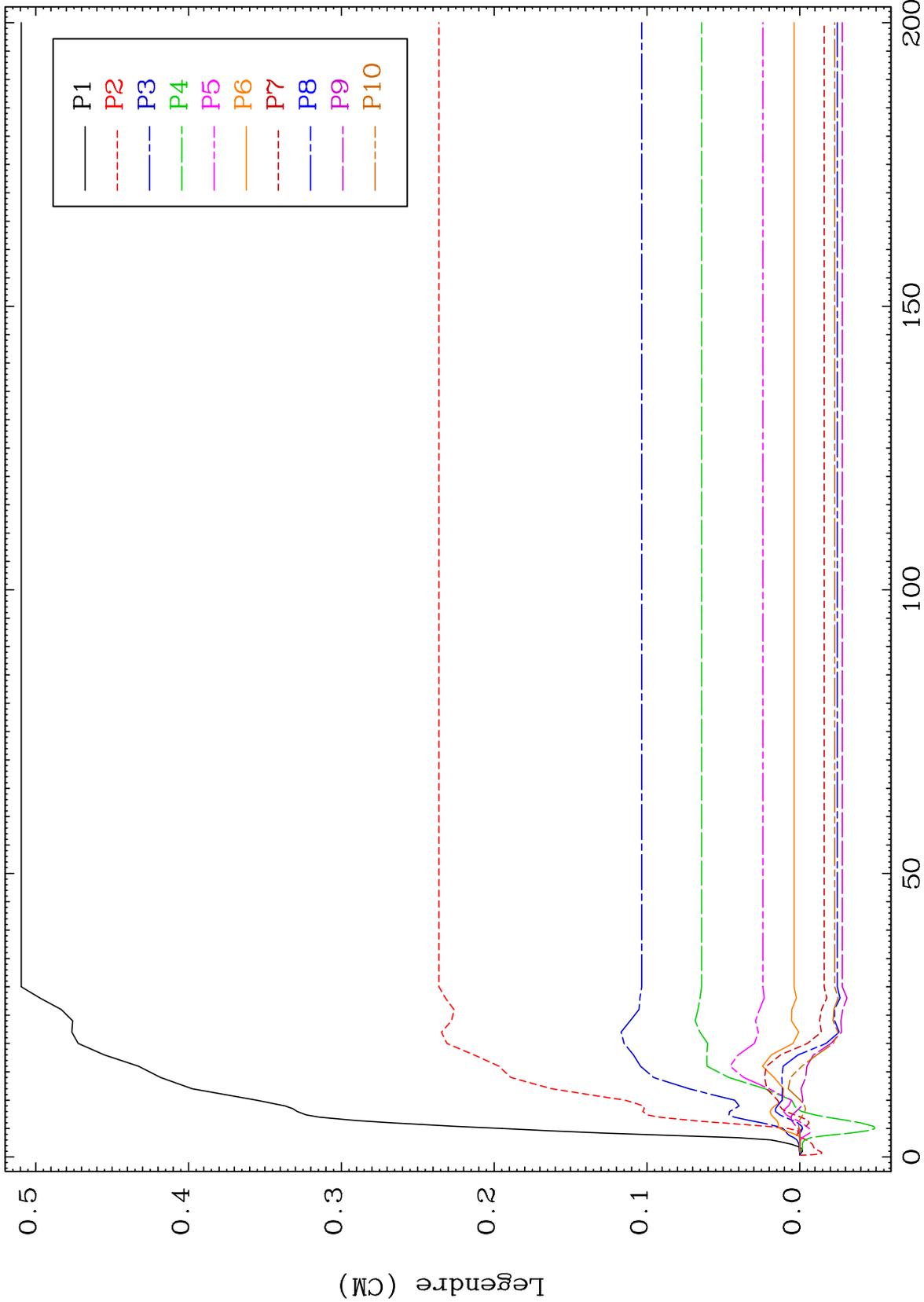
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



28

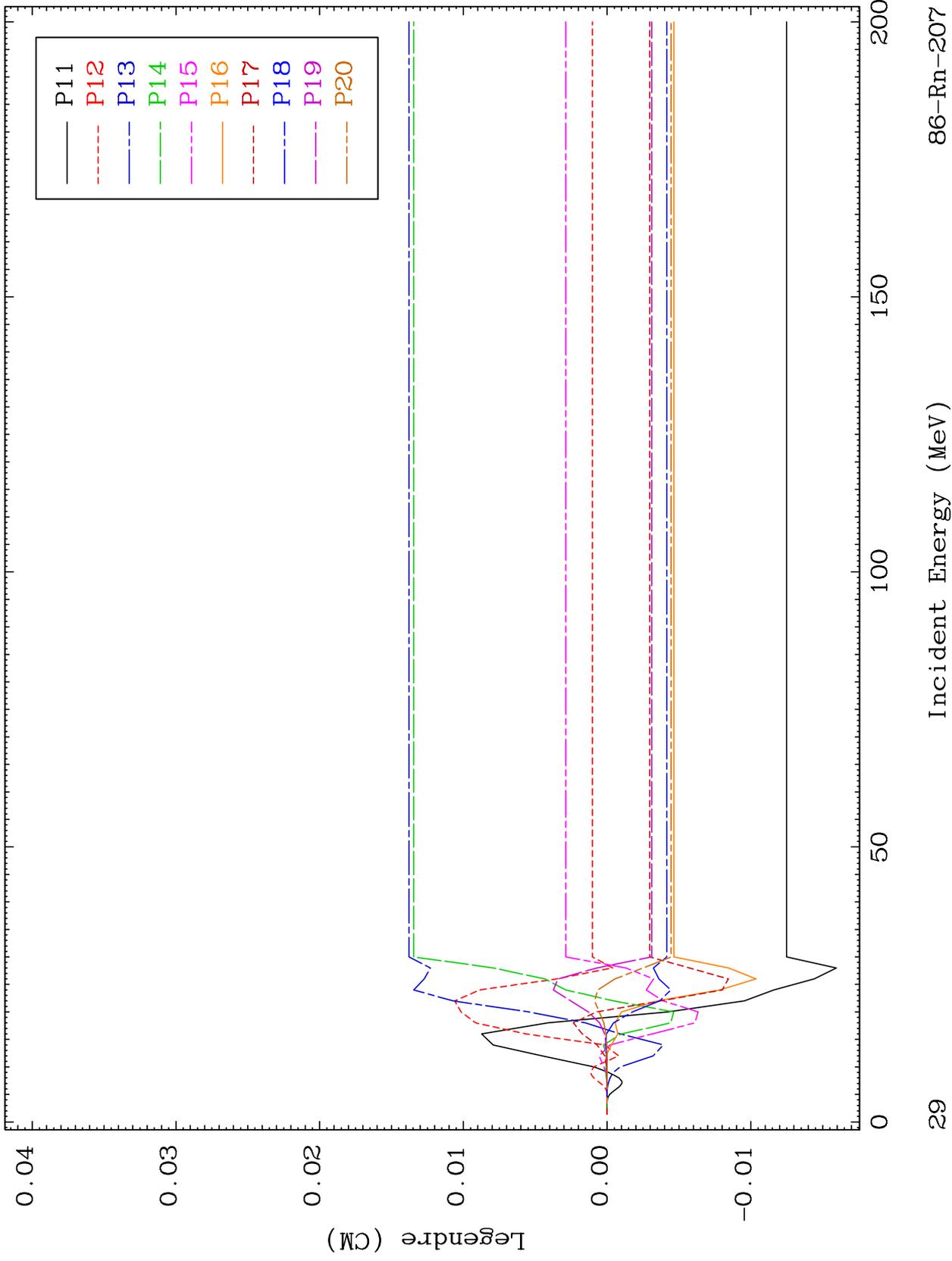
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



29

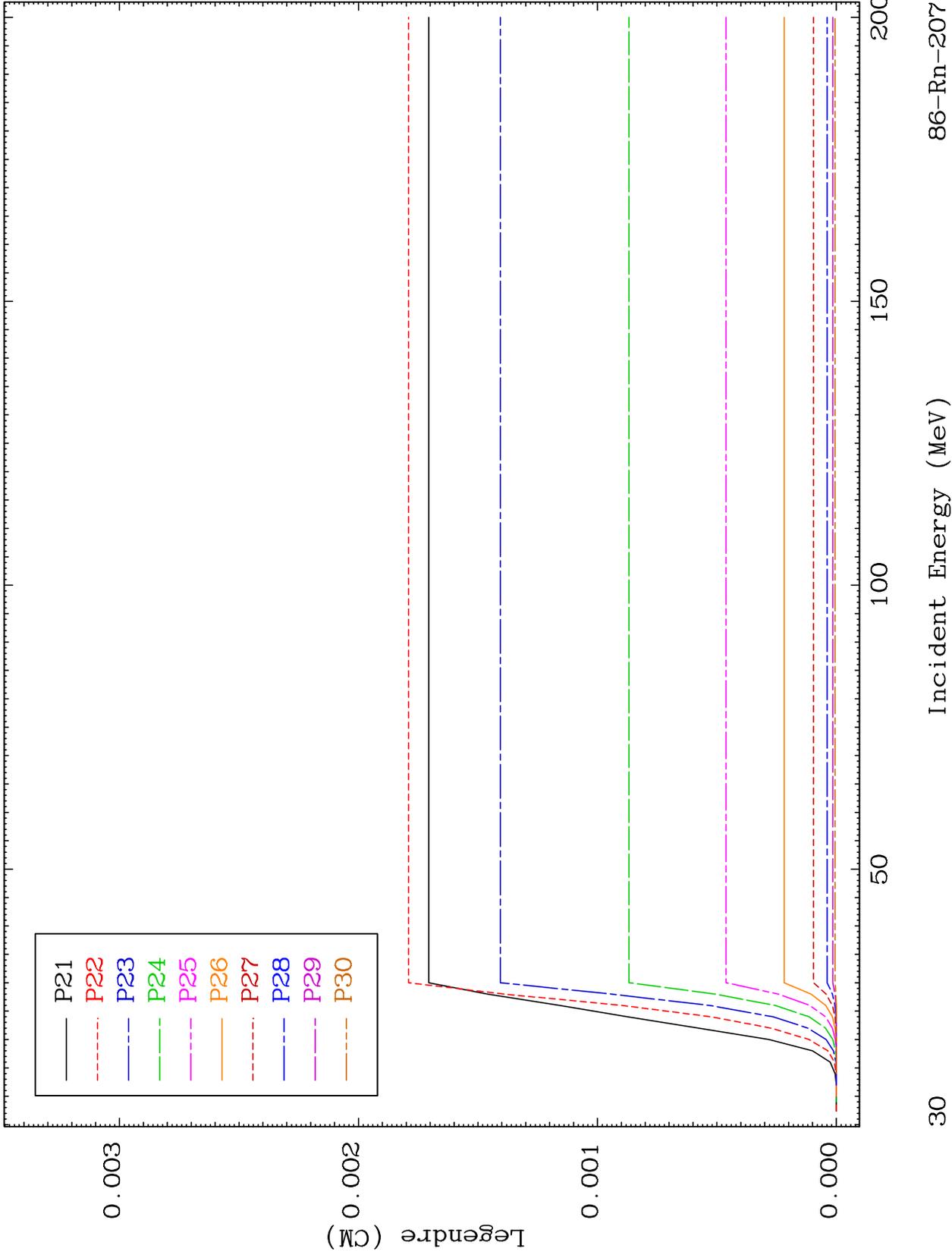
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

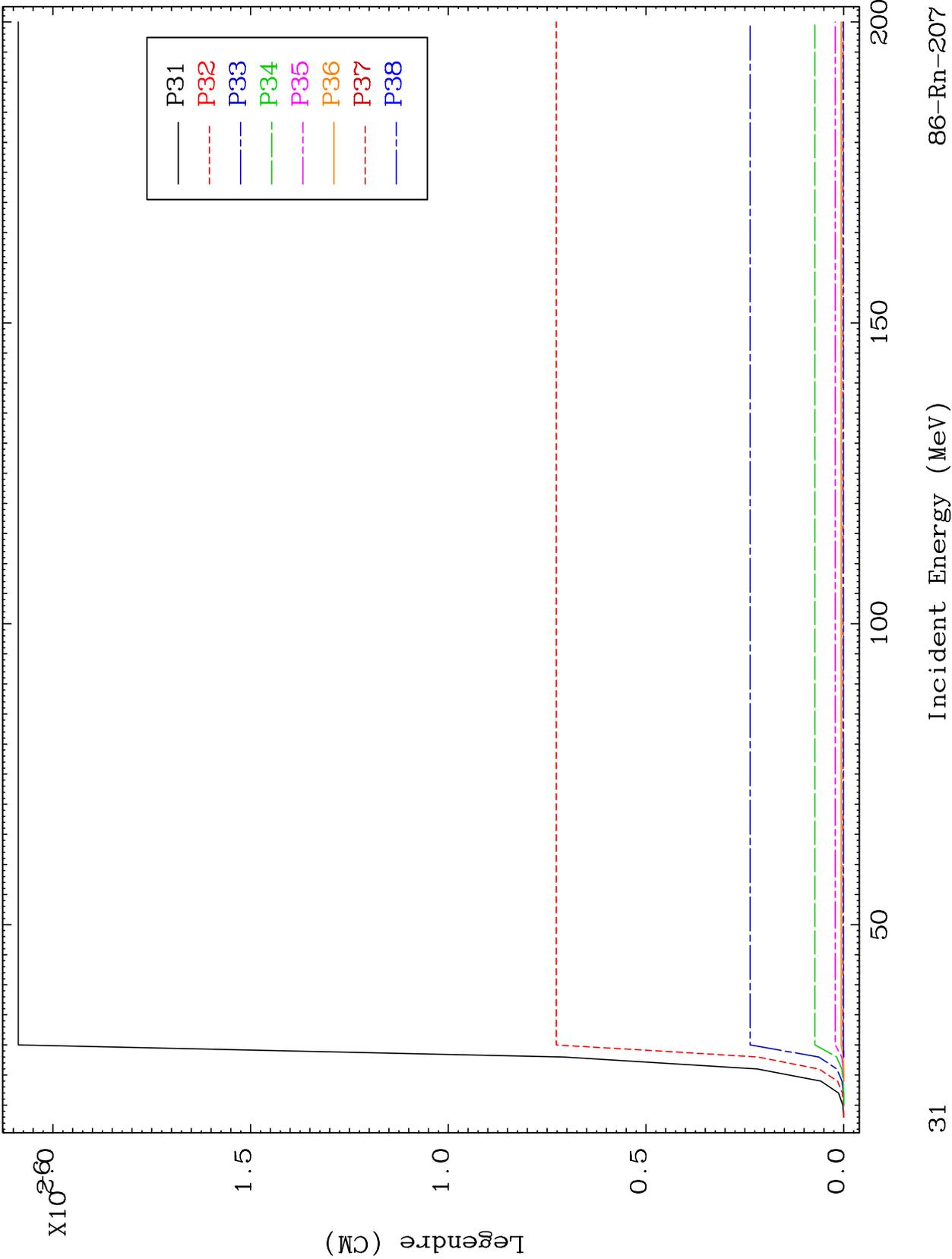
86-Rn-207



86-Rn-207

Incident Energy (MeV)

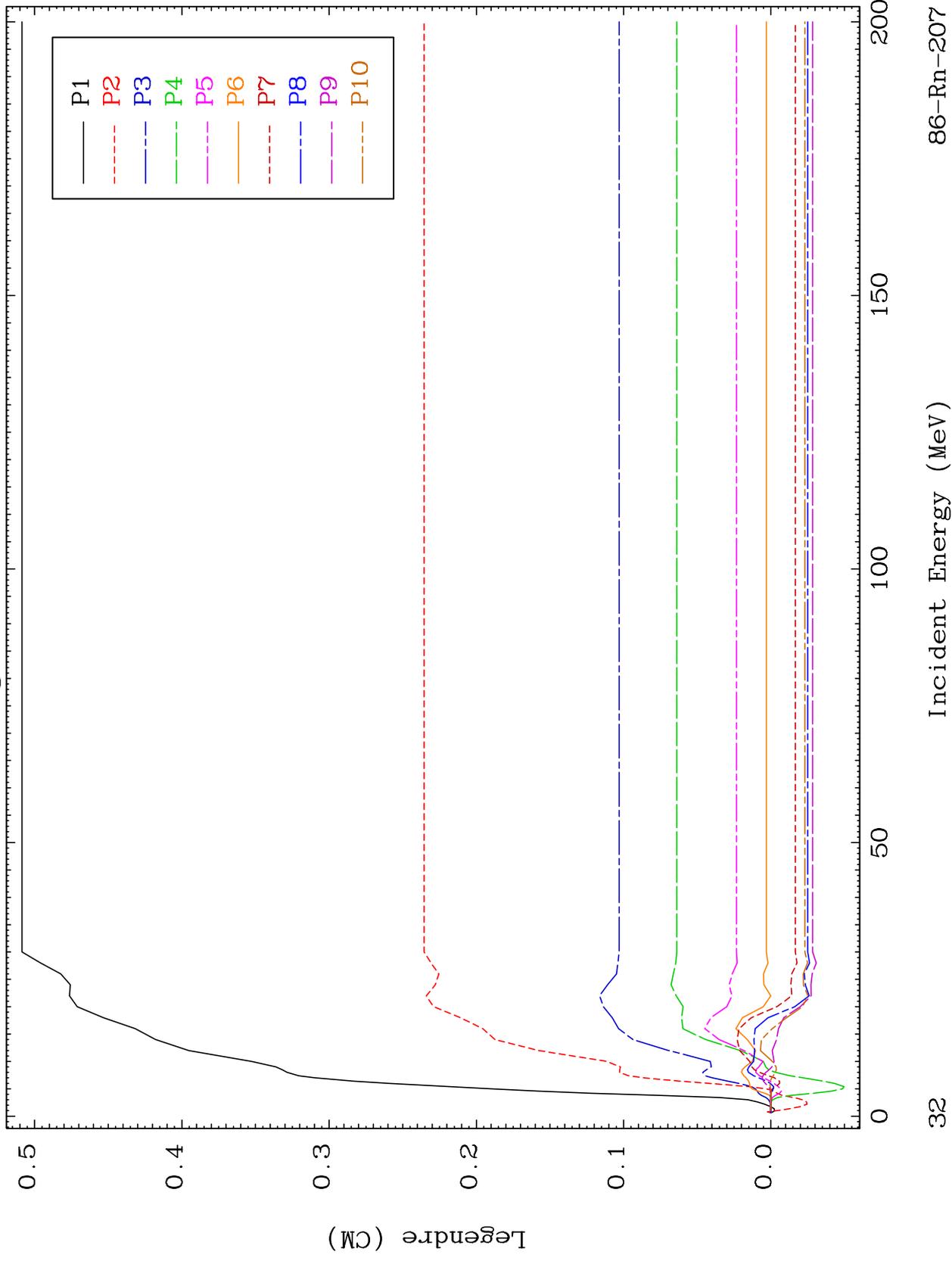
30



MAT 8613

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

86-Rn-207

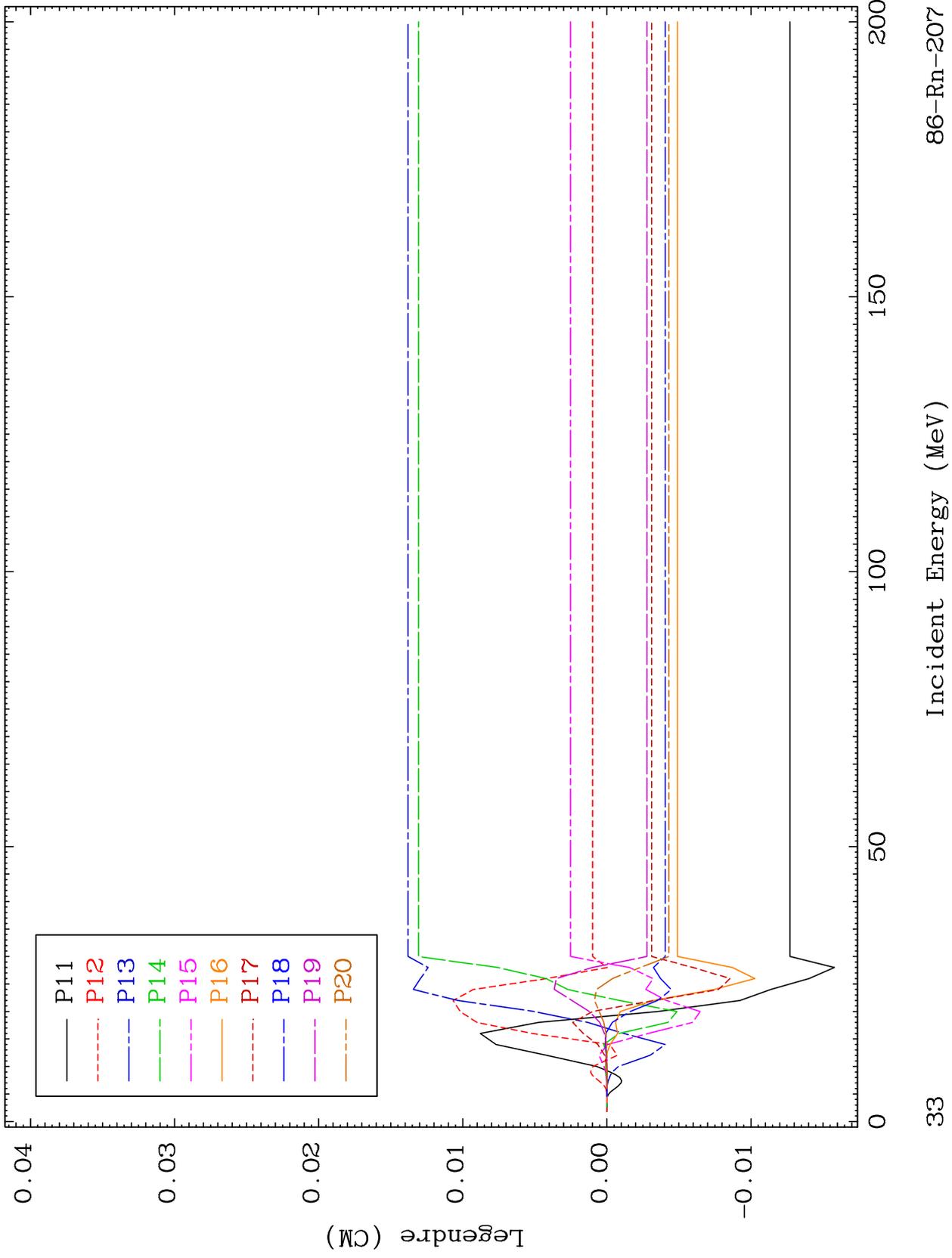


32

MAT 8613

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

86-Rn-207



33

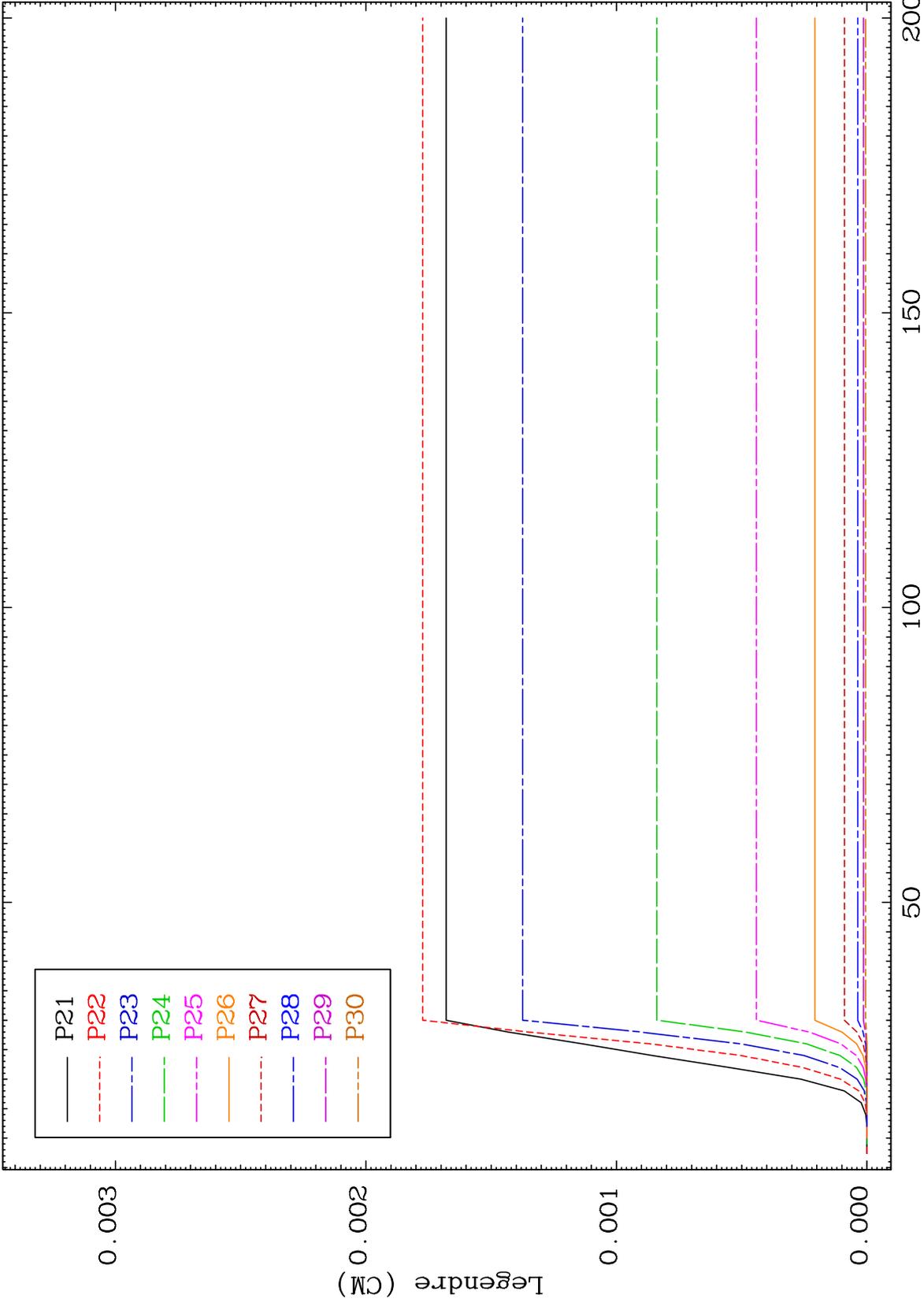
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



34

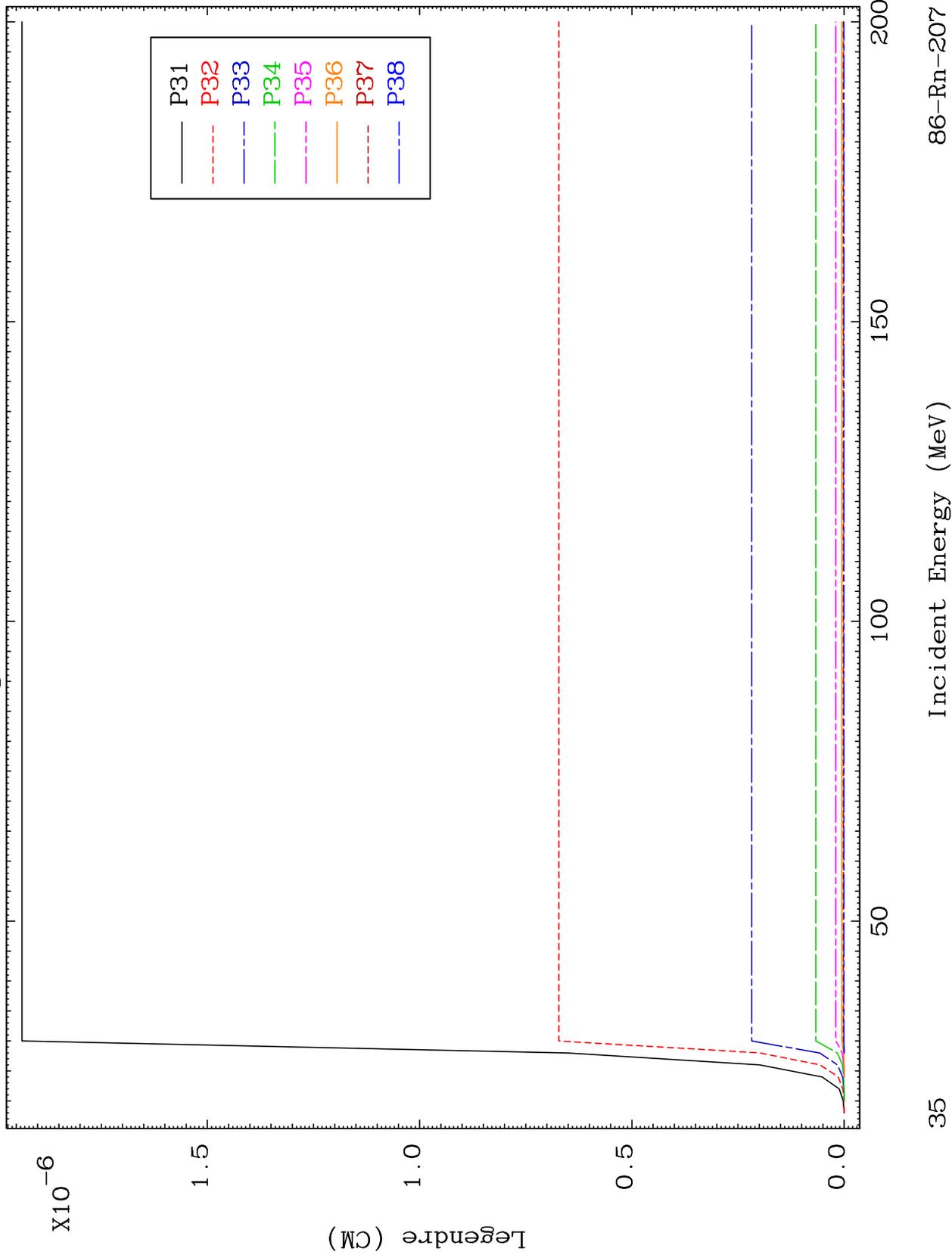
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



35

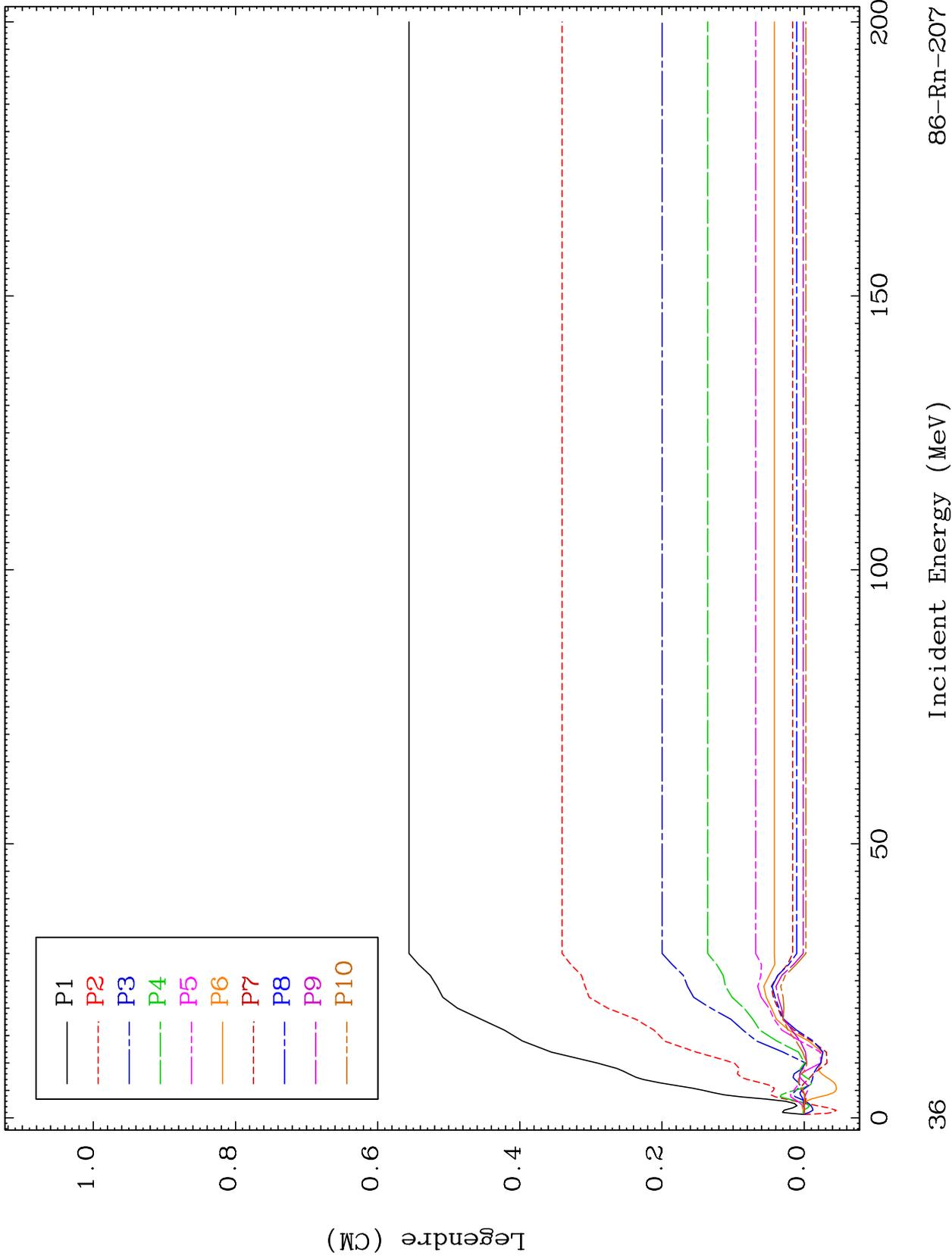
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



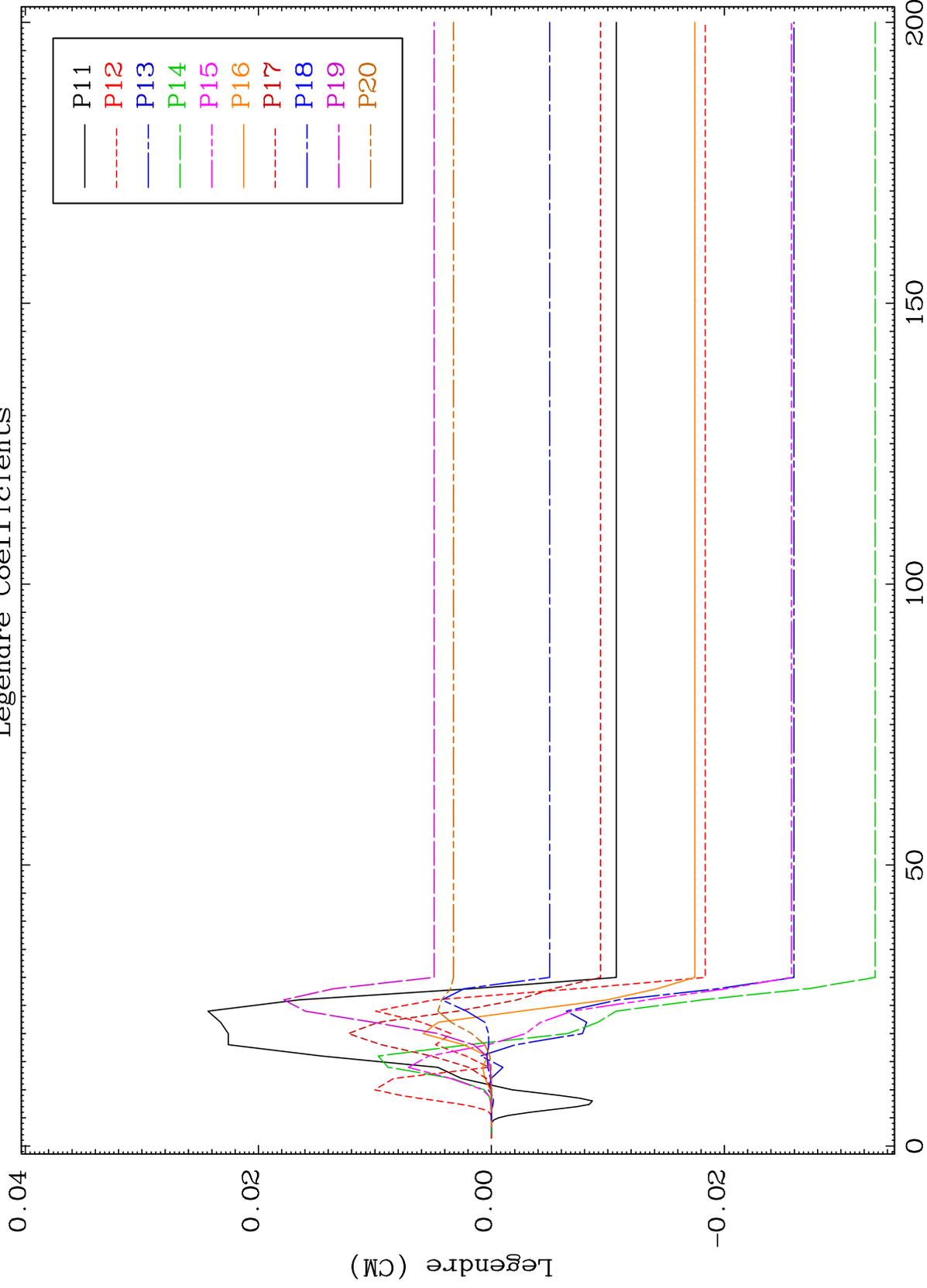
36

86-Rn-207

MAT 8613

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

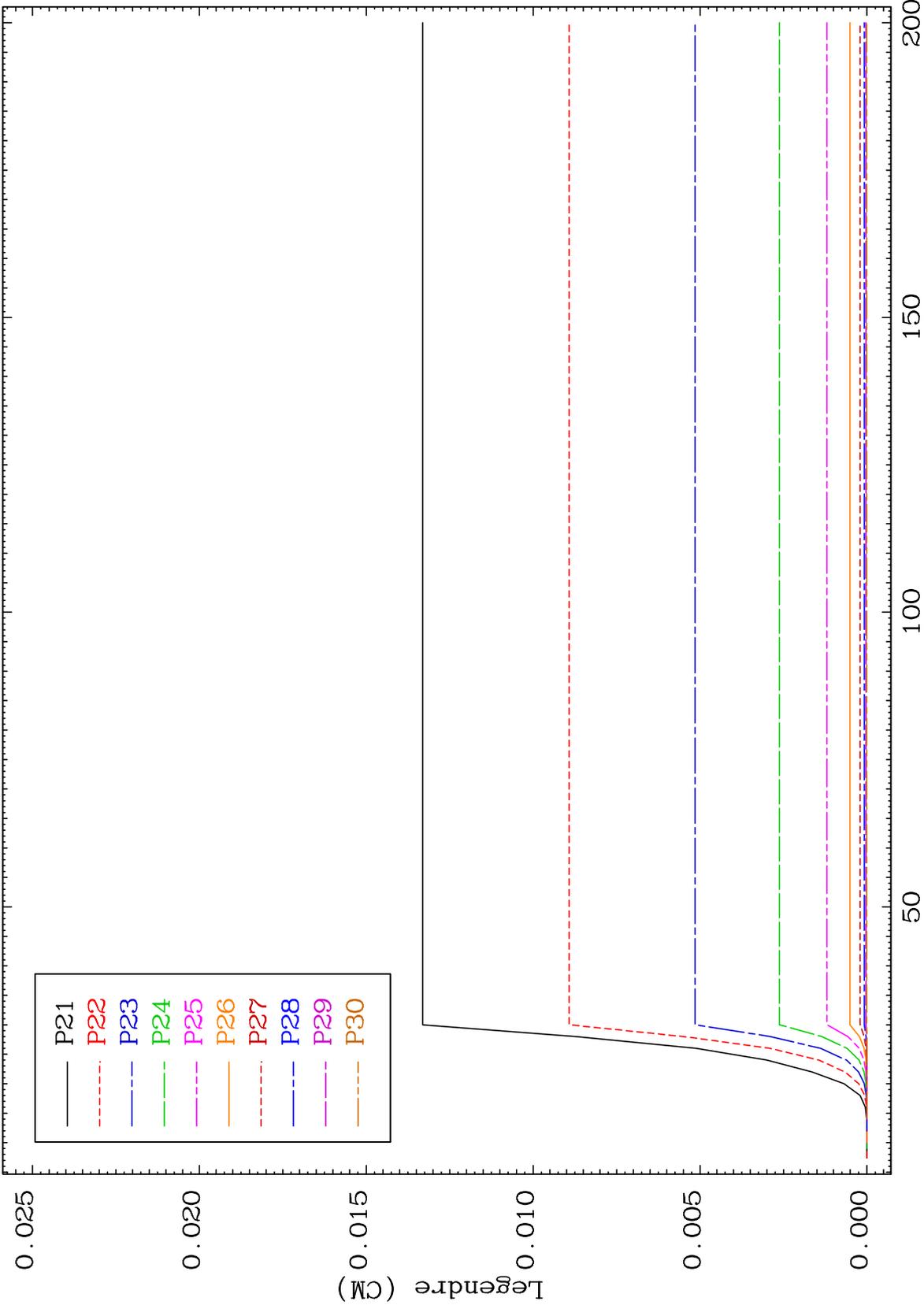
86-Rn-207



37

Incident Energy (MeV)

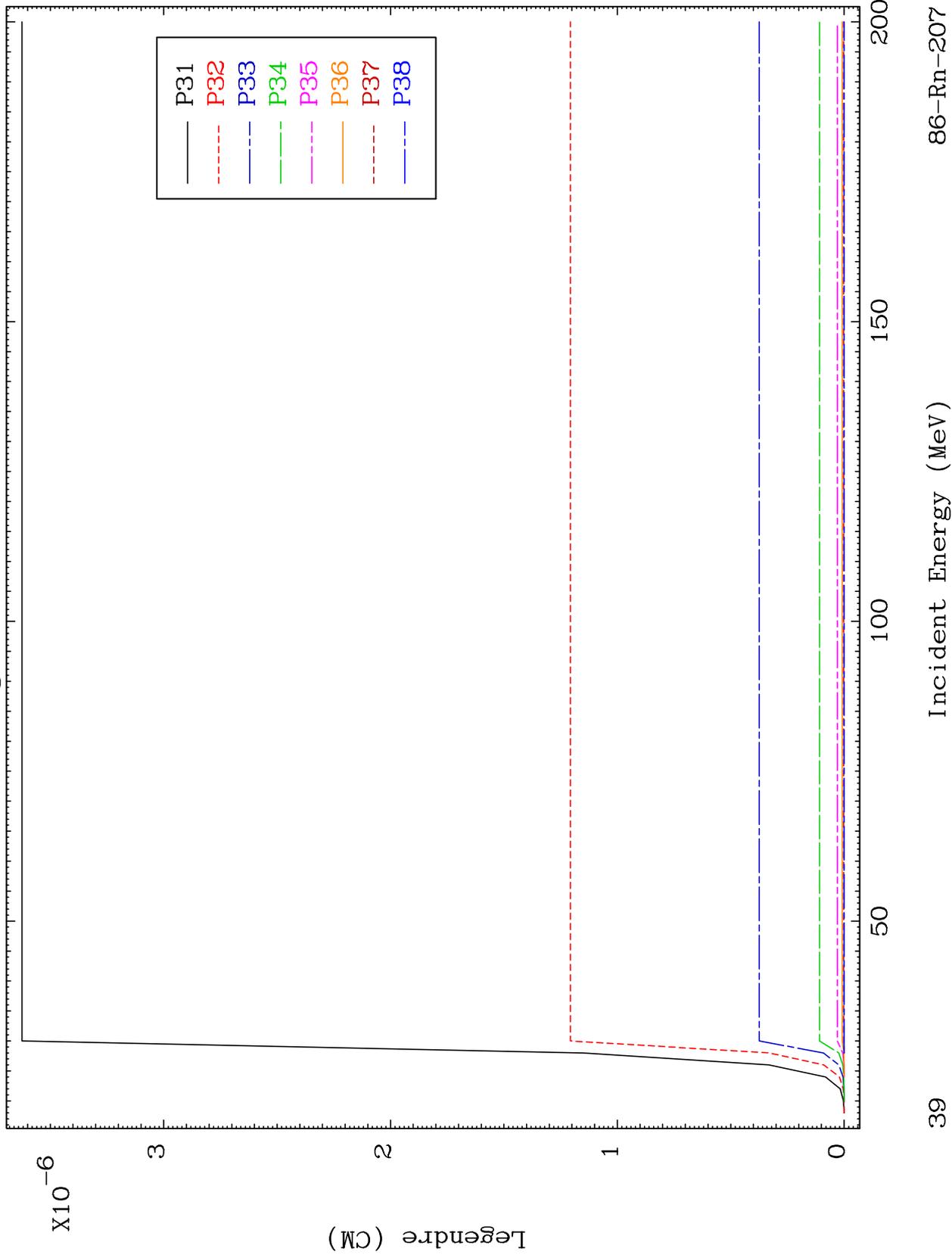
86-Rn-207



MAT 8613

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

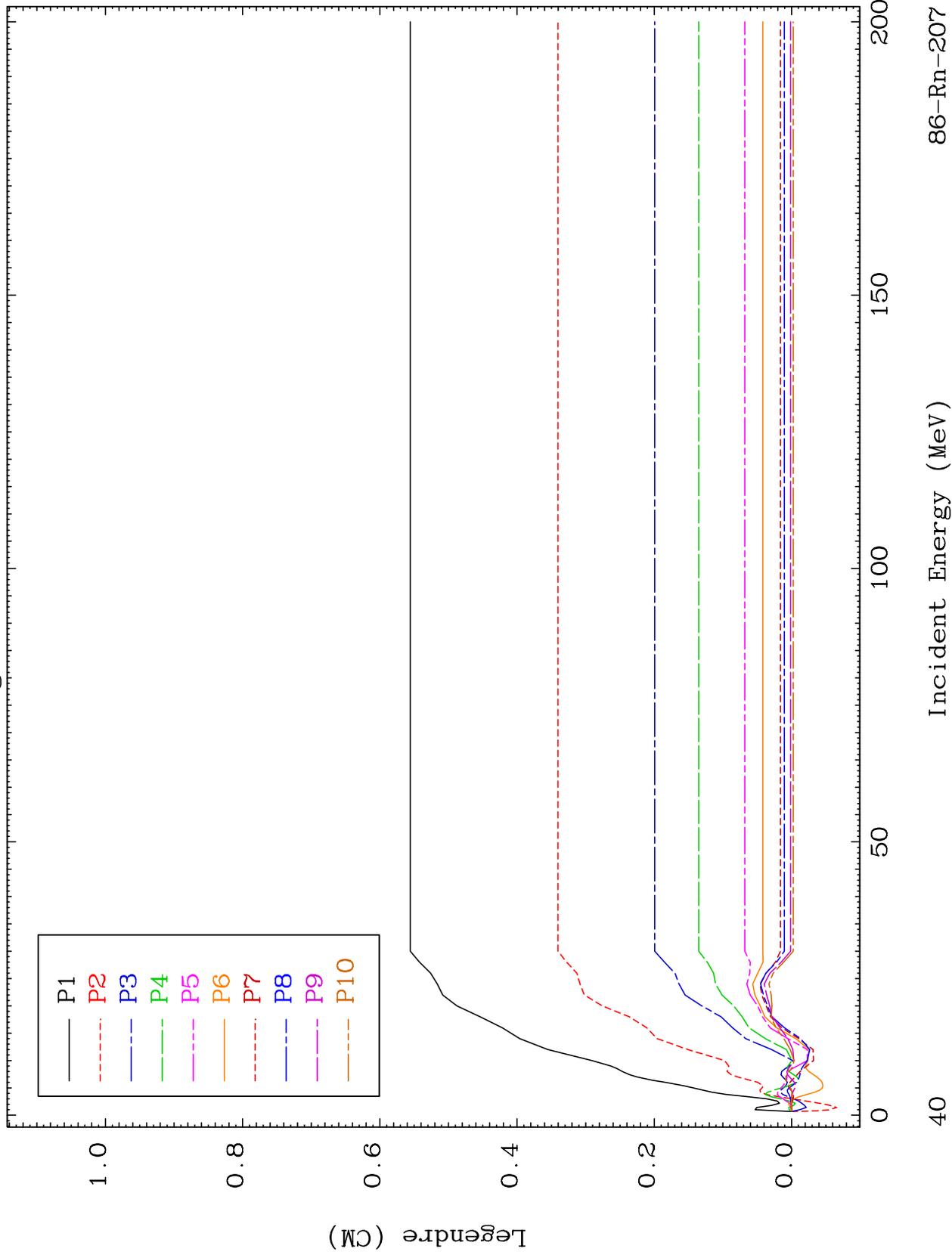
86-Rn-207



MAT 8613

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

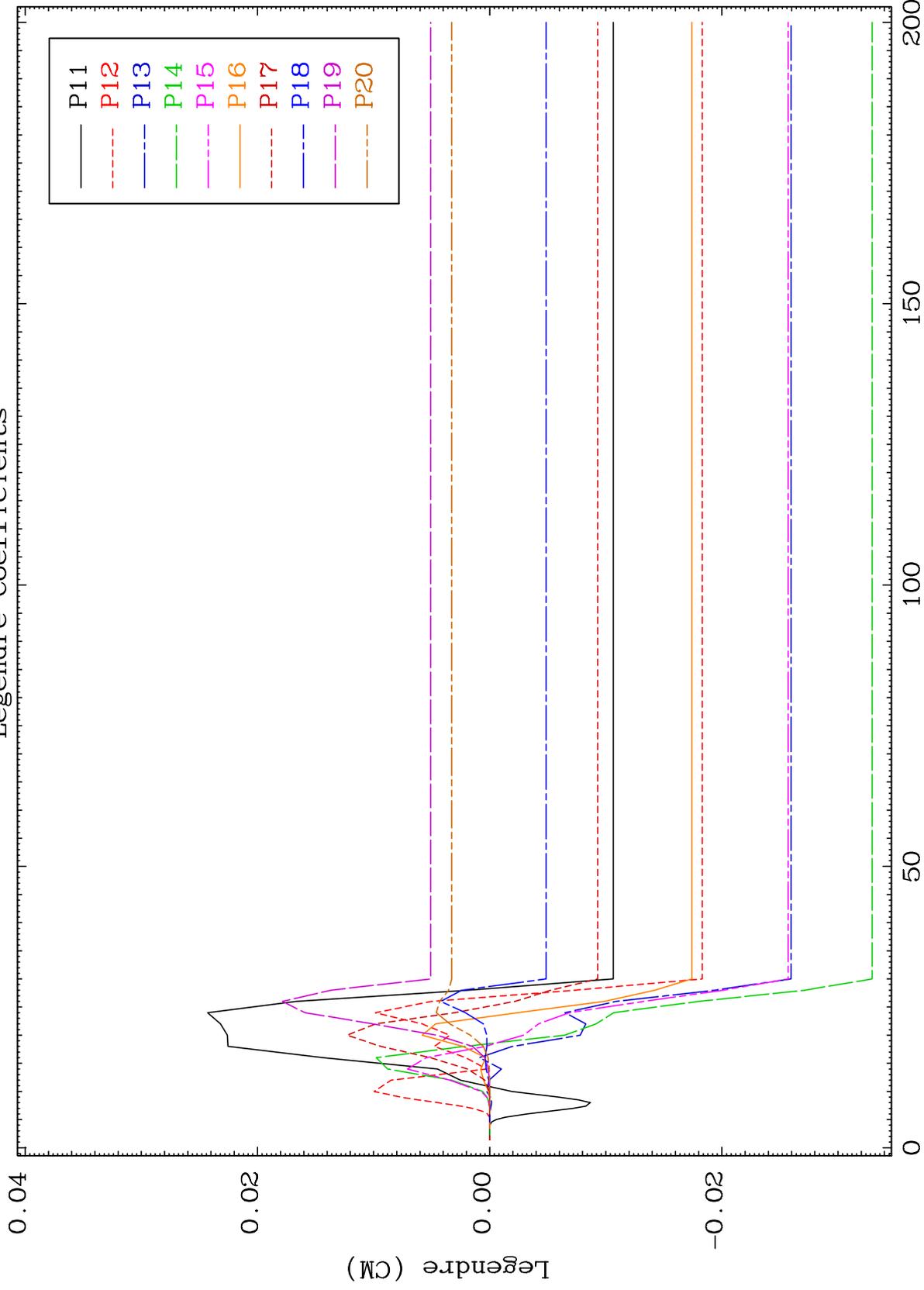
86-Rn-207



MAT 8613

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

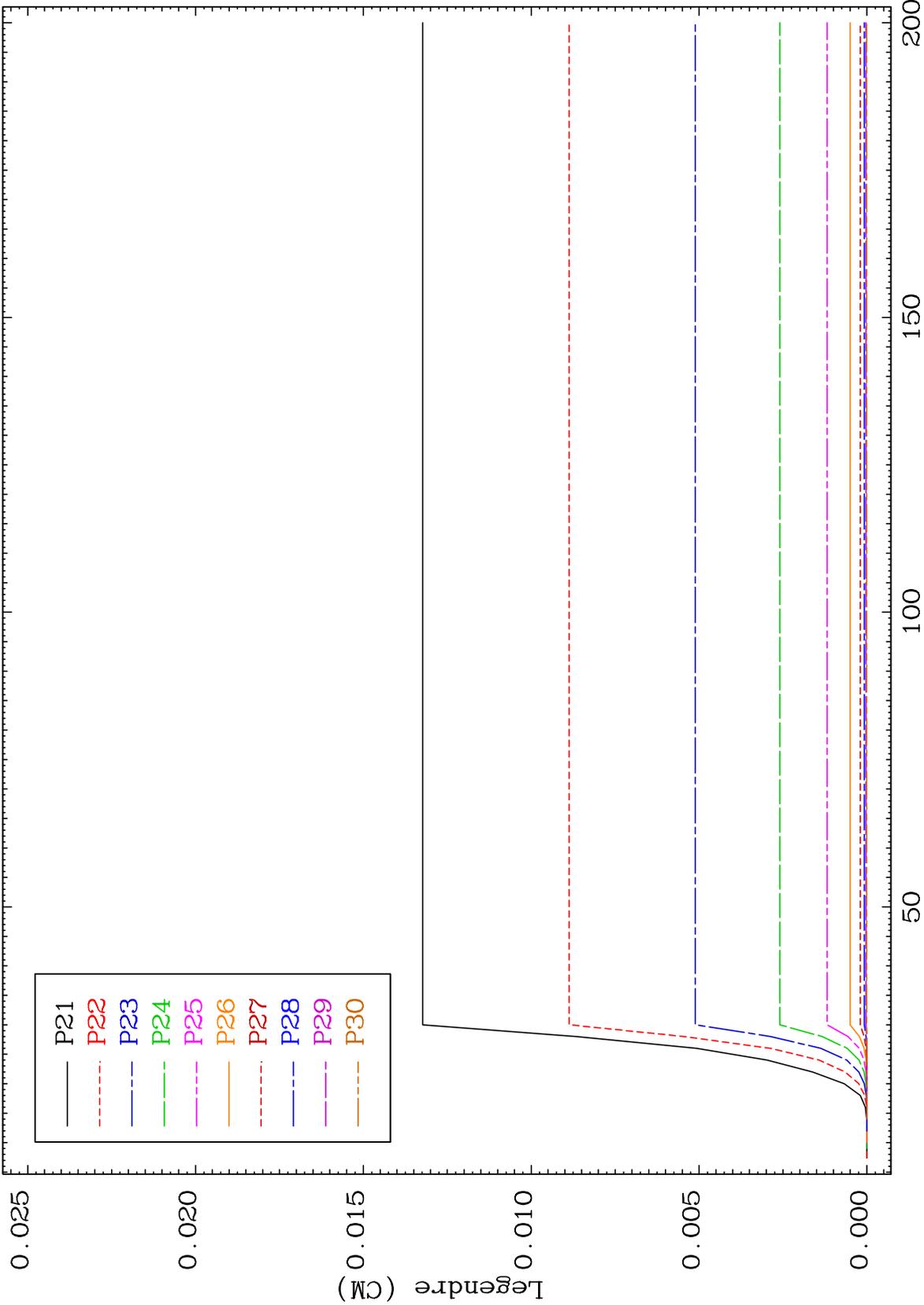
86-Rn-207



MAT 8613

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

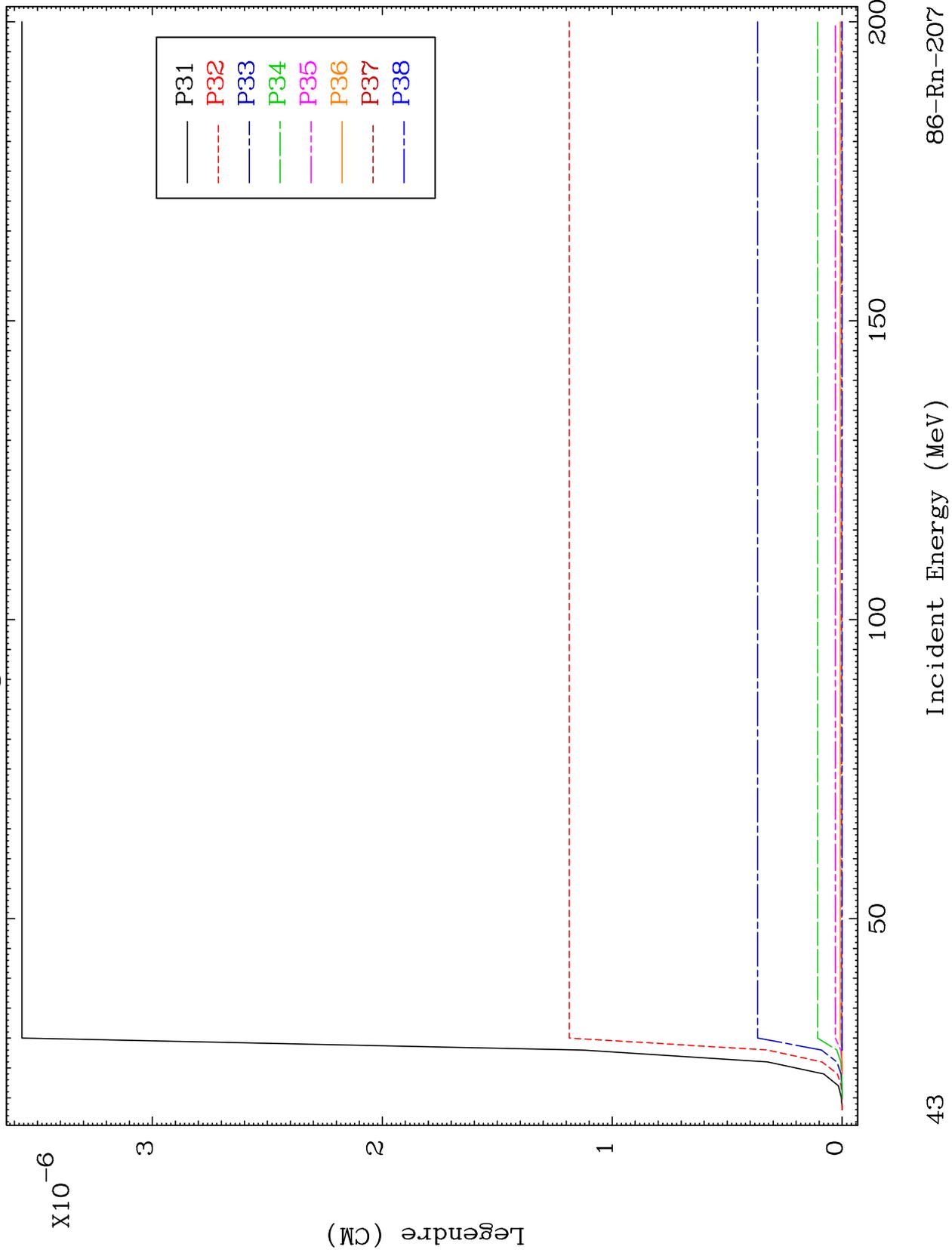
86-Rn-207



MAT 8613

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

86-Rn-207



43

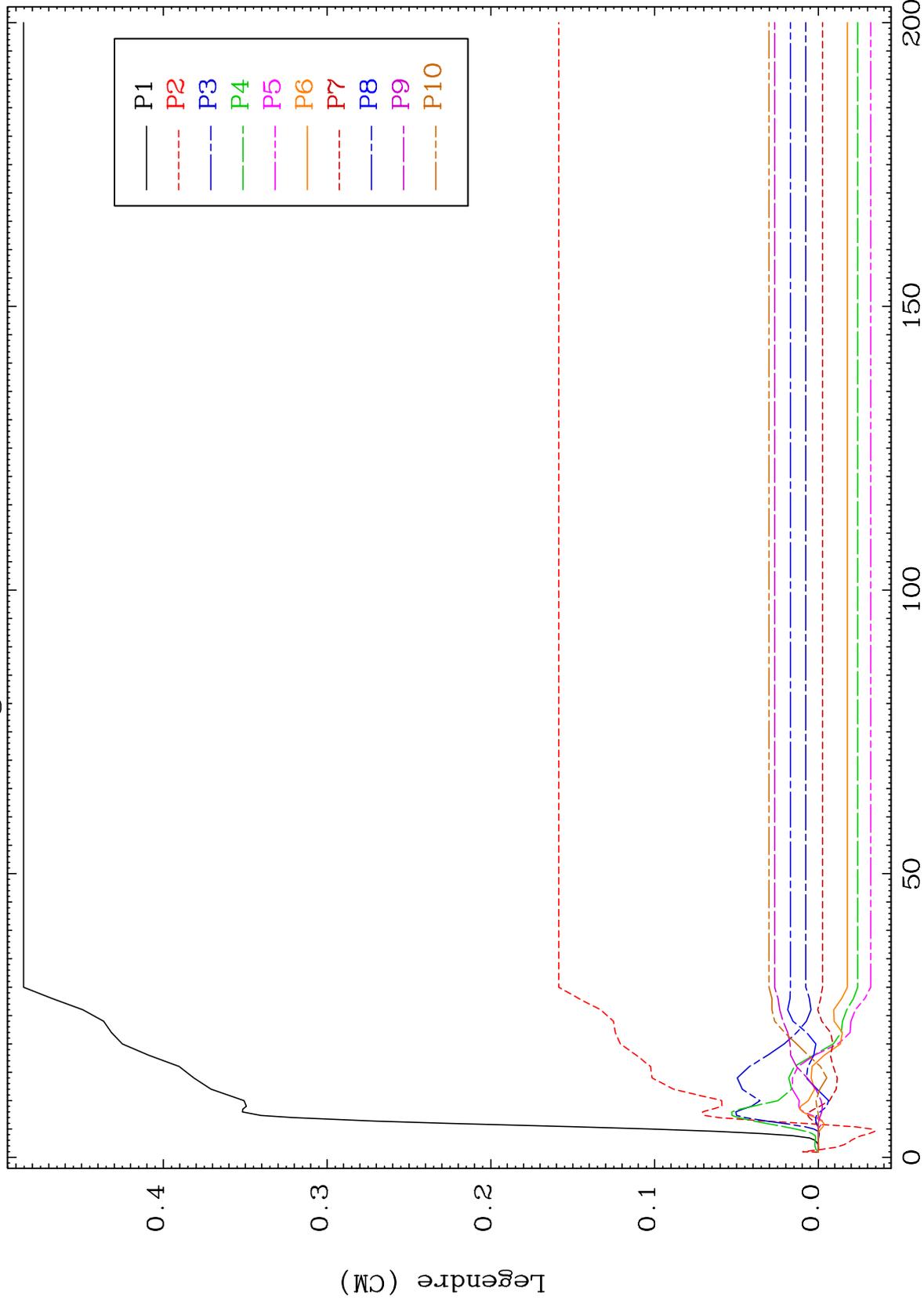
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

86-Rn-207



44

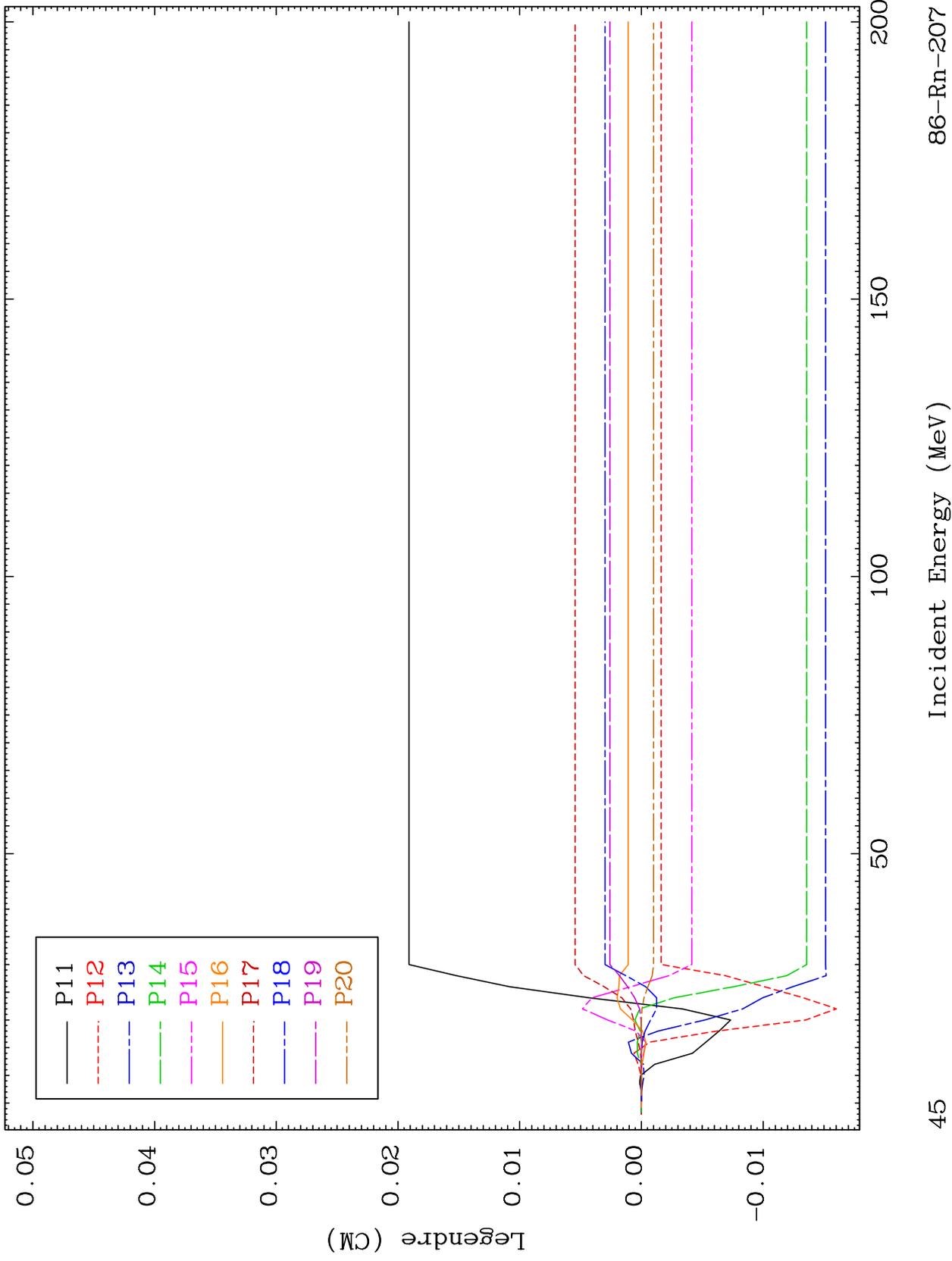
Incident Energy (MeV)

86-Rn-207

MAT 8613

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

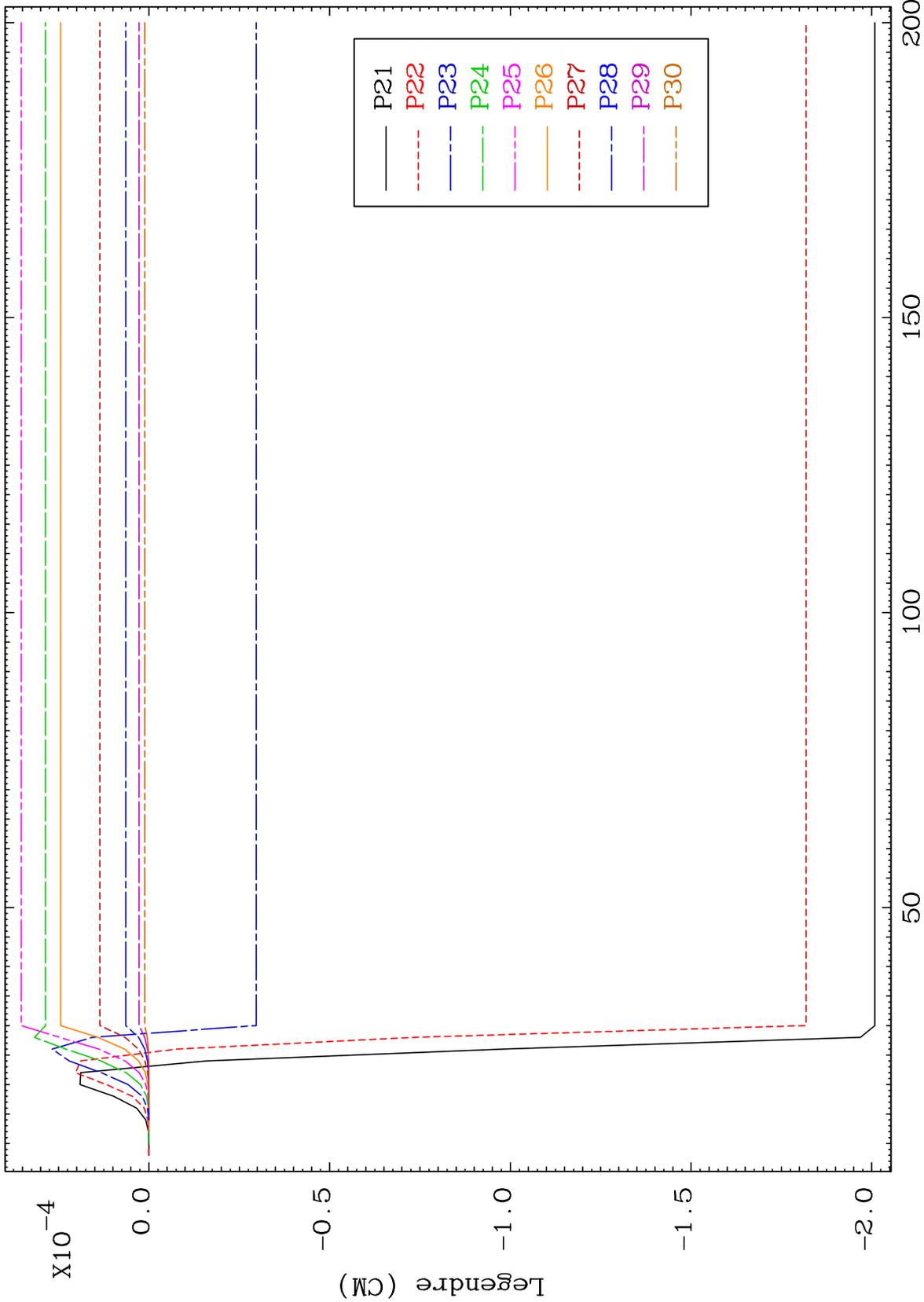
86-Rn-207



45

Incident Energy (MeV)

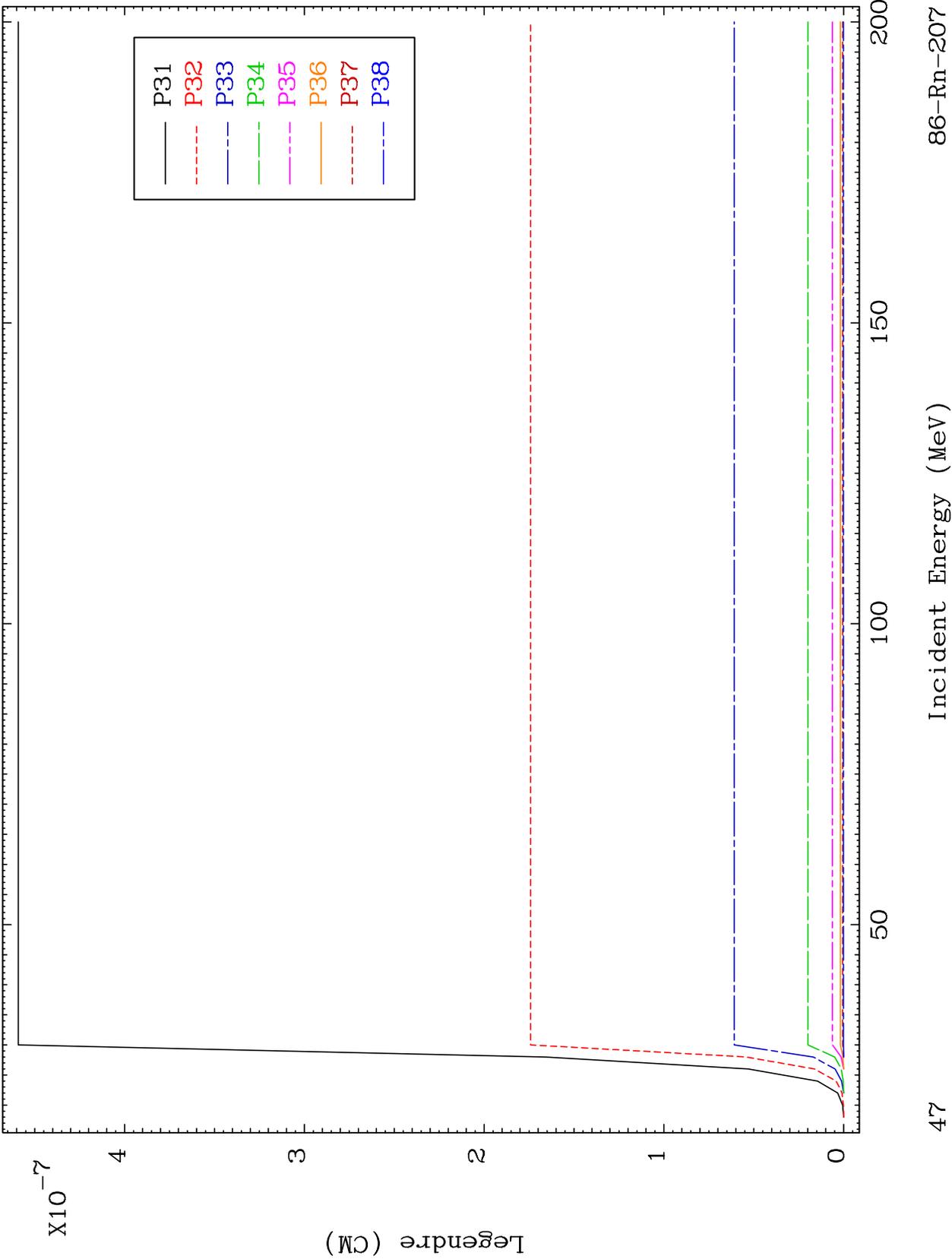
86-Rn-207



MAT 8613

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

86-Rn-207

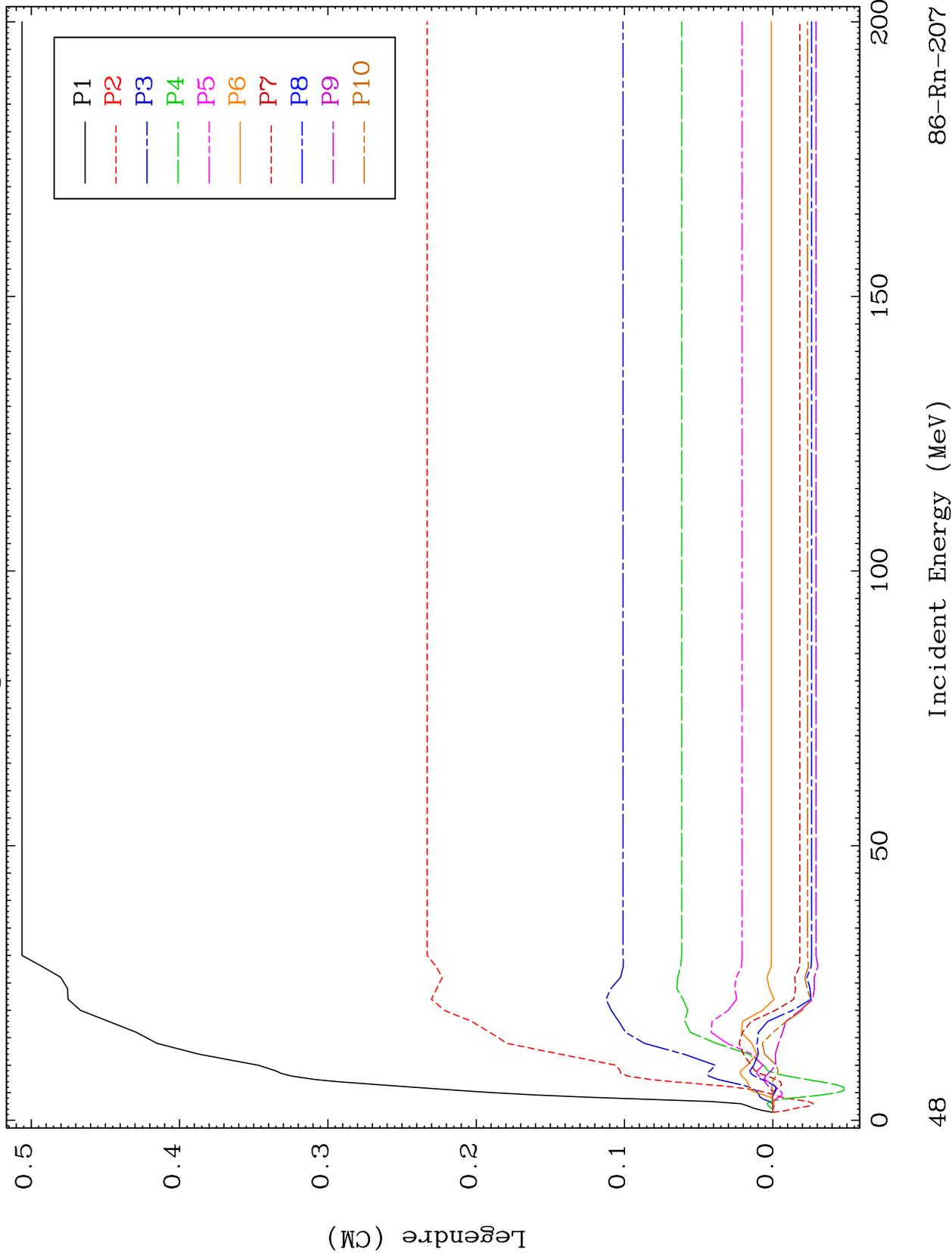


MAT 8613

MT= 58 (n,n') Level

86-Rn-207

Legendre Coefficients



86-Rn-207

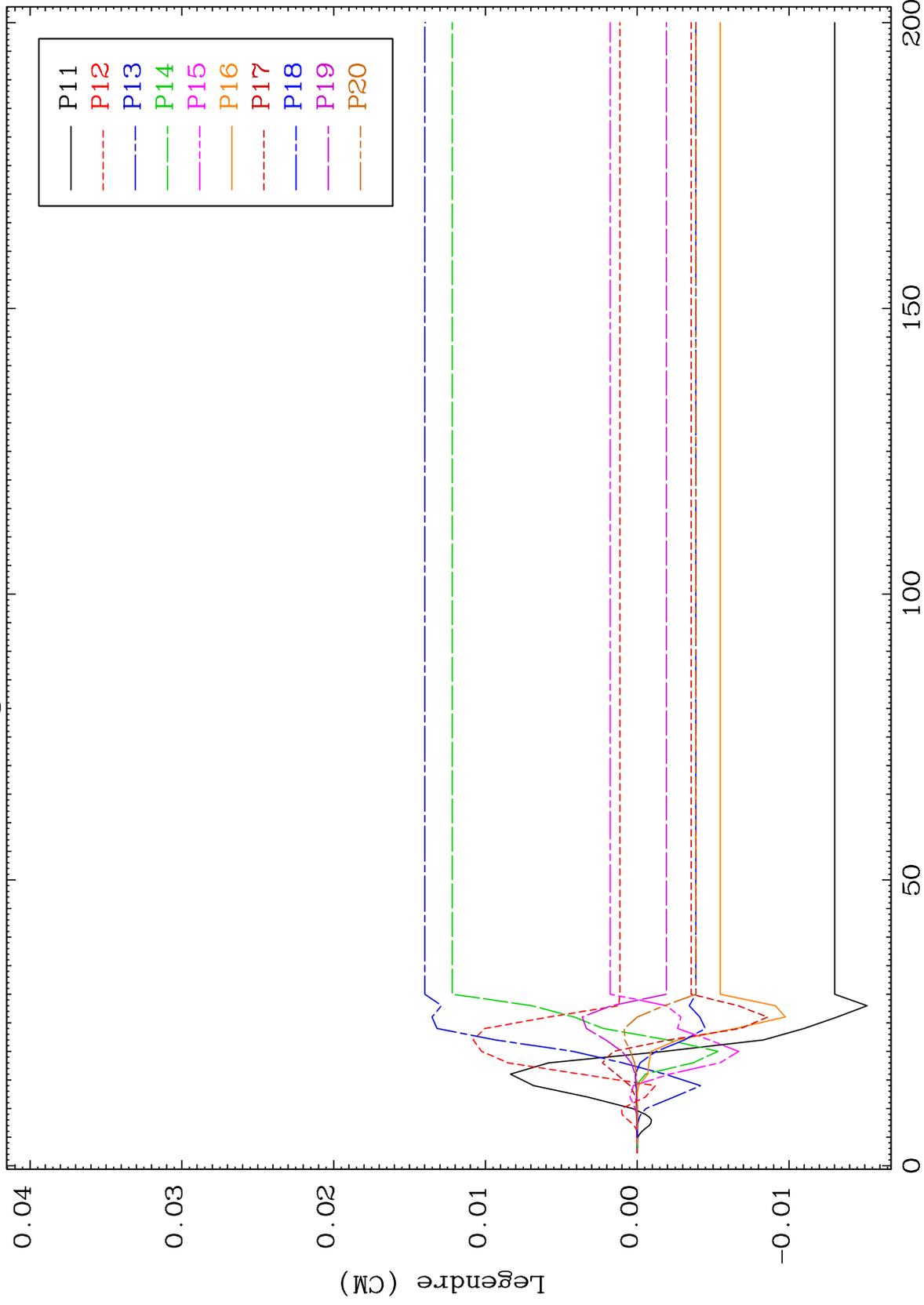
Incident Energy (MeV)

48

MAT 8613

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

86-Rn-207



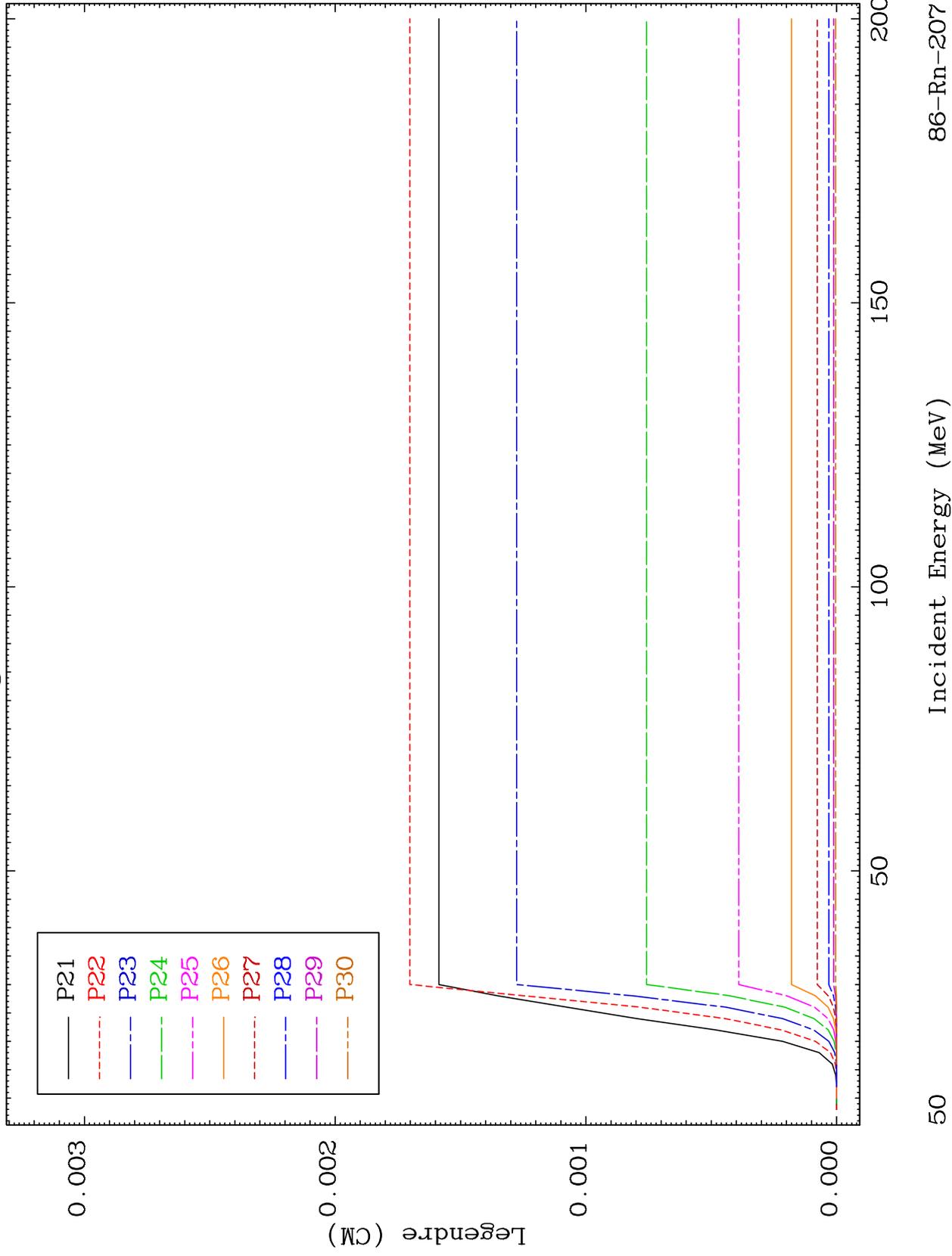
49

86-Rn-207

MAT 8613

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

86-Rn-207



86-Rn-207

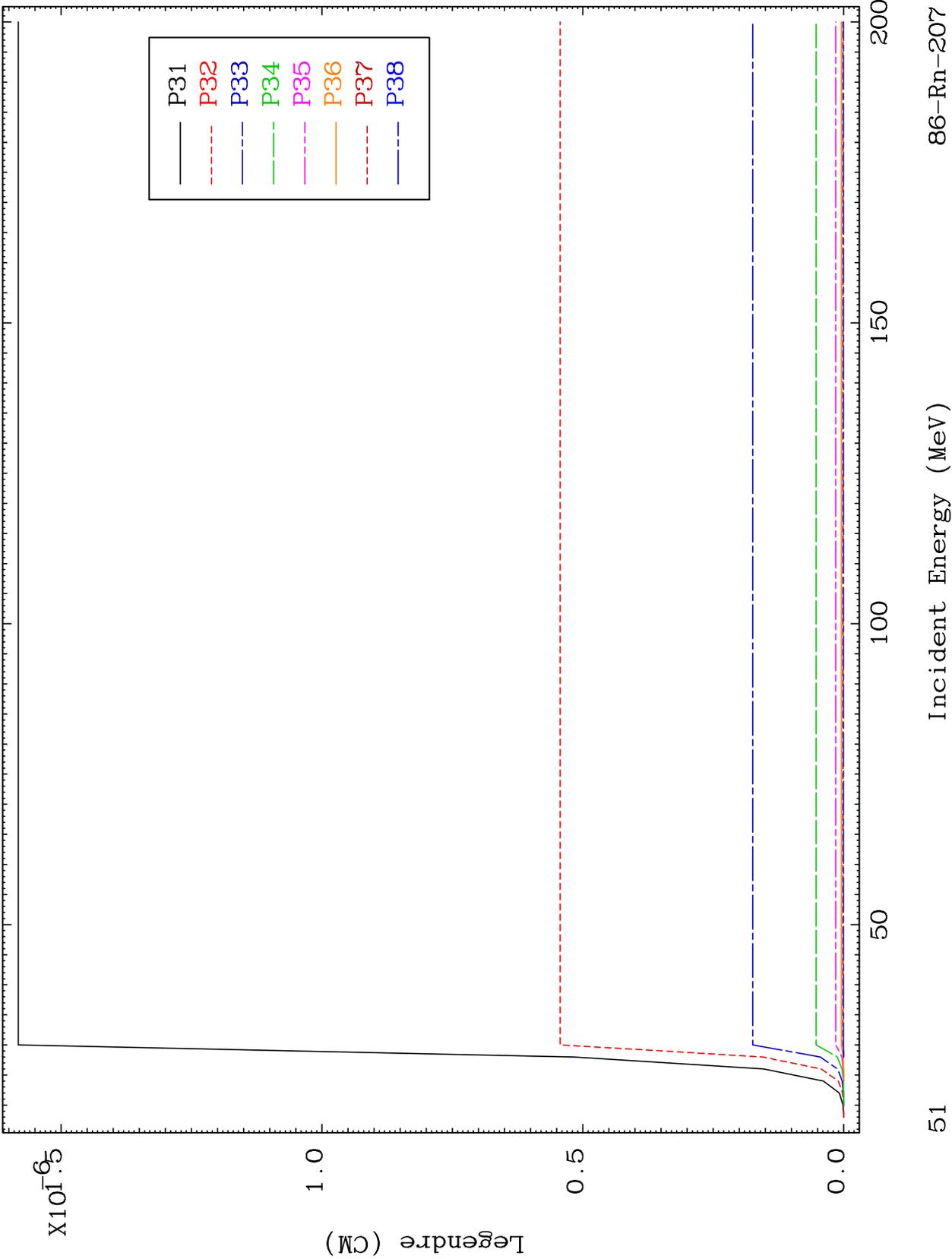
Incident Energy (MeV)

50

MAT 8613

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

86-Rn-207

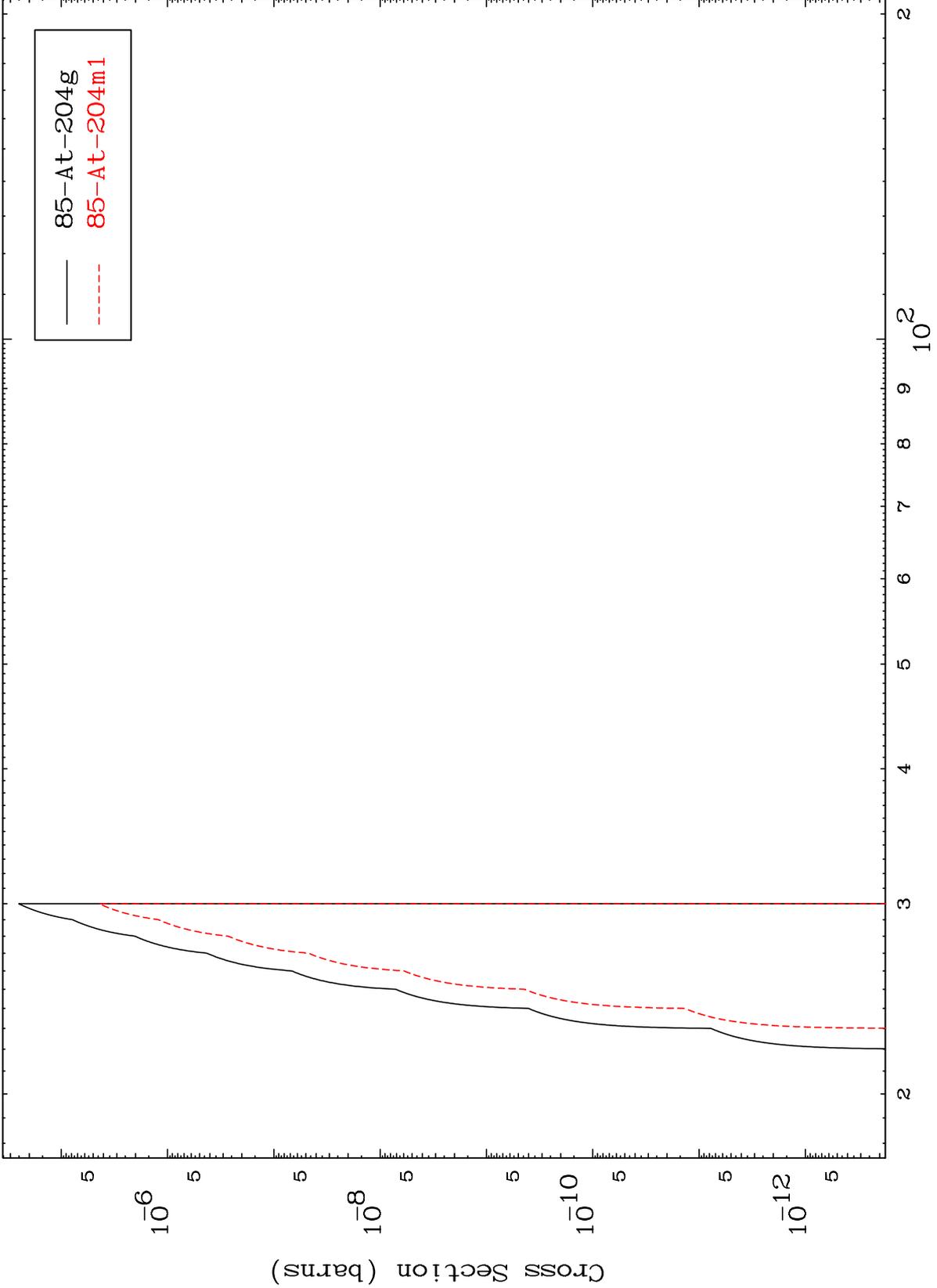


MAT 8613

(n,2n) d

86-Rn-207

Radionuclide Production Cross Section

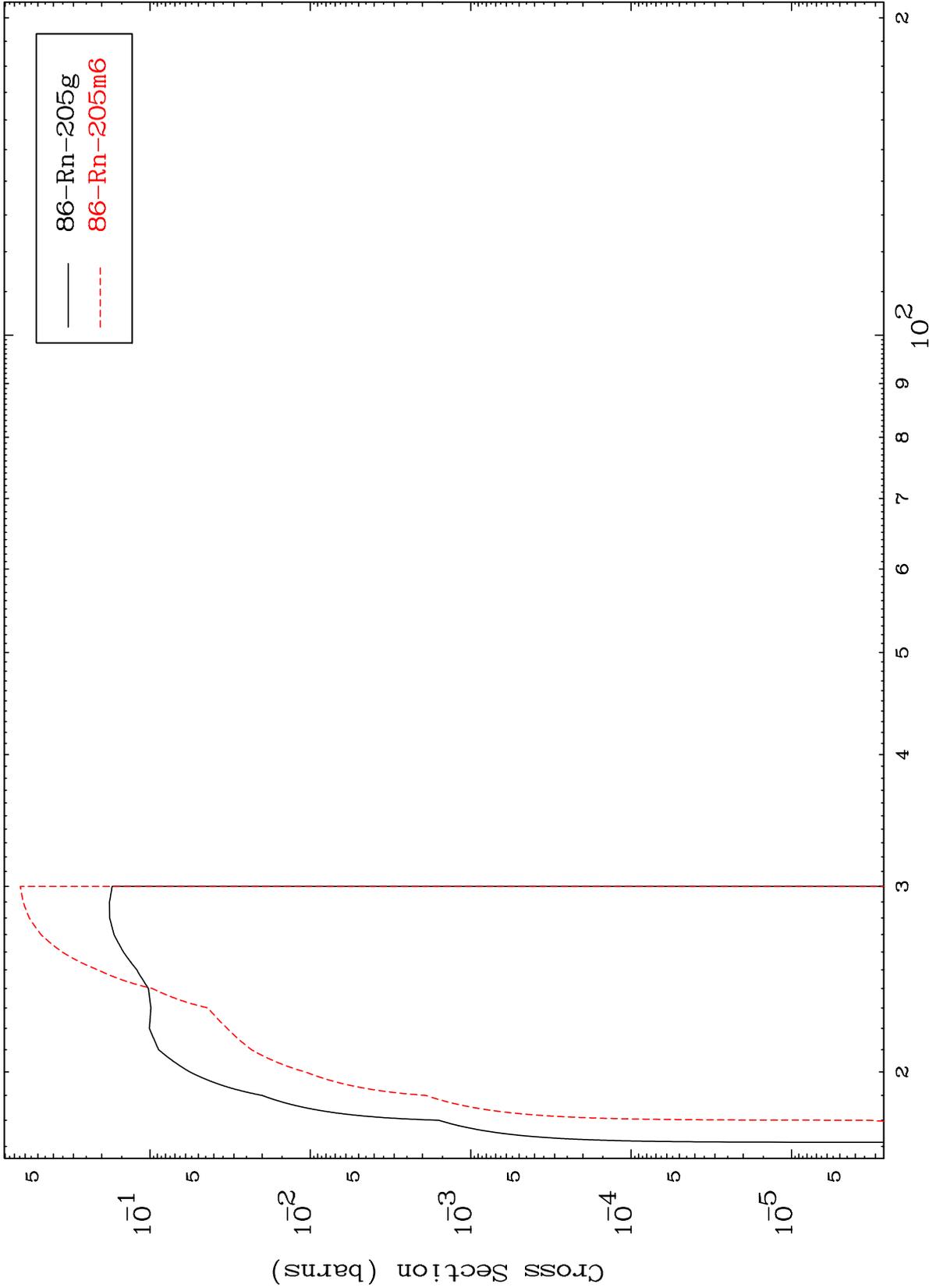


52

Incident Energy (MeV)

86-Rn-207

Radionuclide Production Cross Section



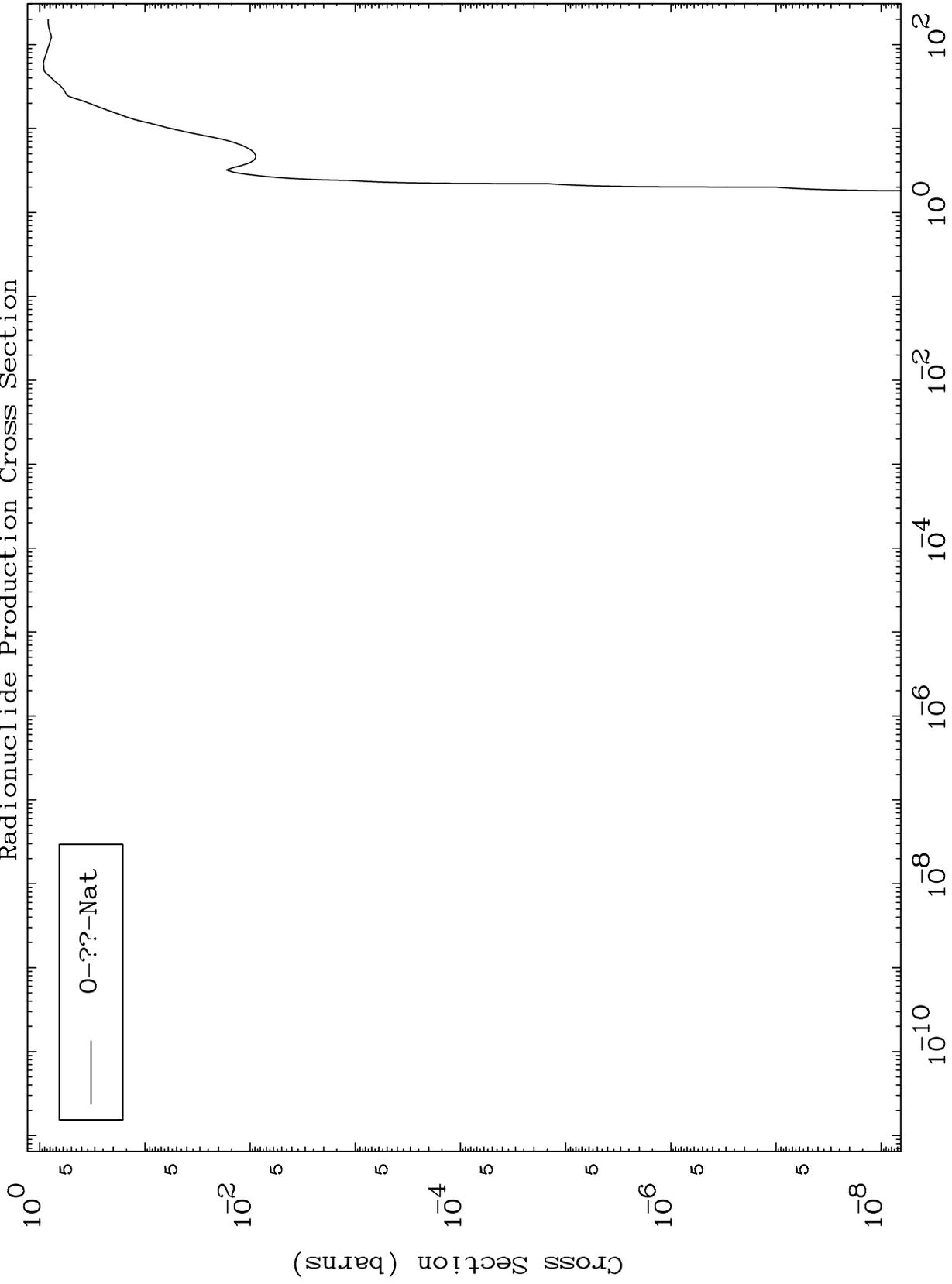
86-Rn-205g
86-Rn-205m6

MAT 8613

Fission

86-Rn-207

Radionuclide Production Cross Section



54

Incident Energy (MeV)

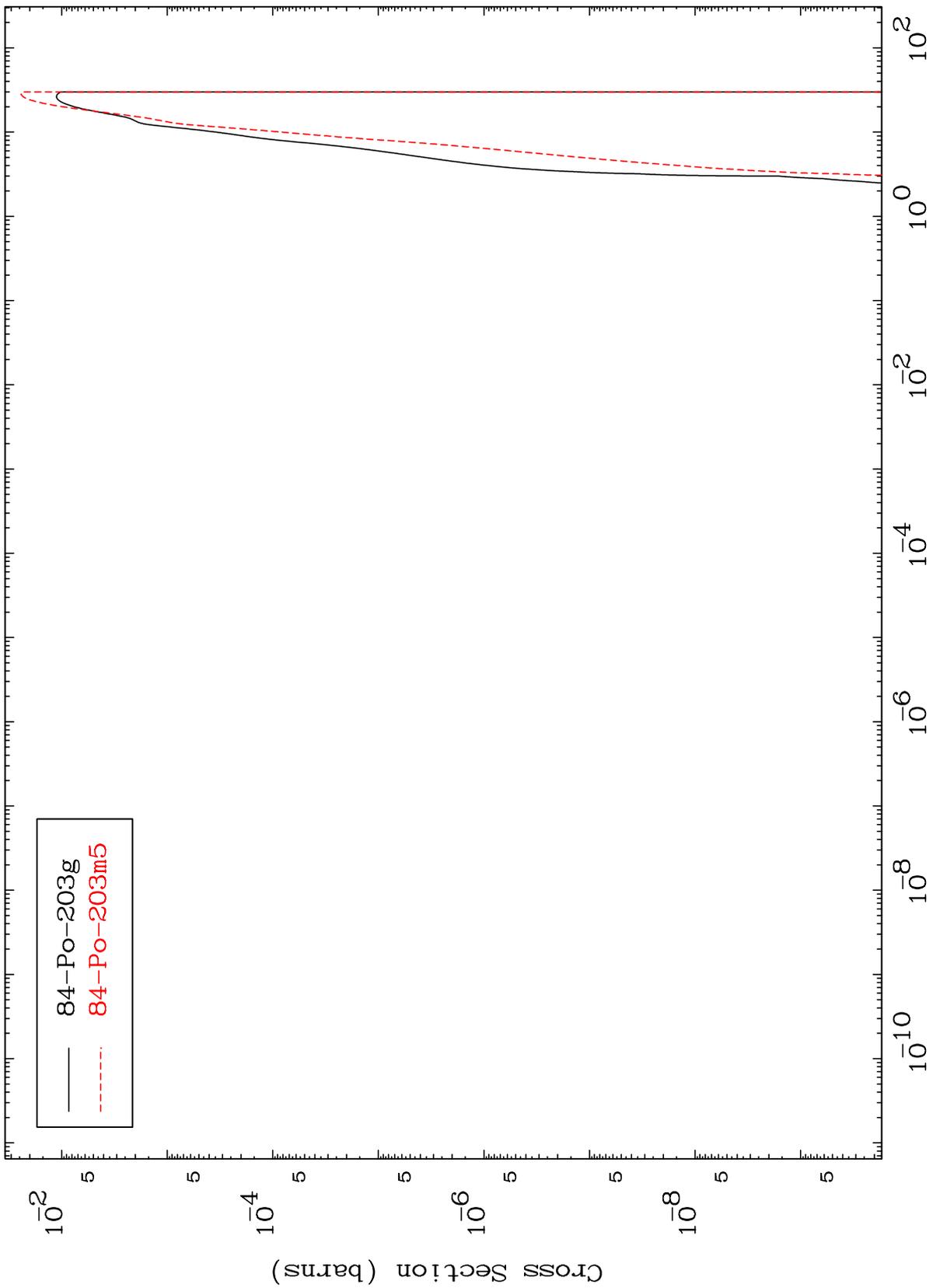
86-Rn-207

MAT 8613

(n, n') α

86-Rn-207

Radionuclide Production Cross Section

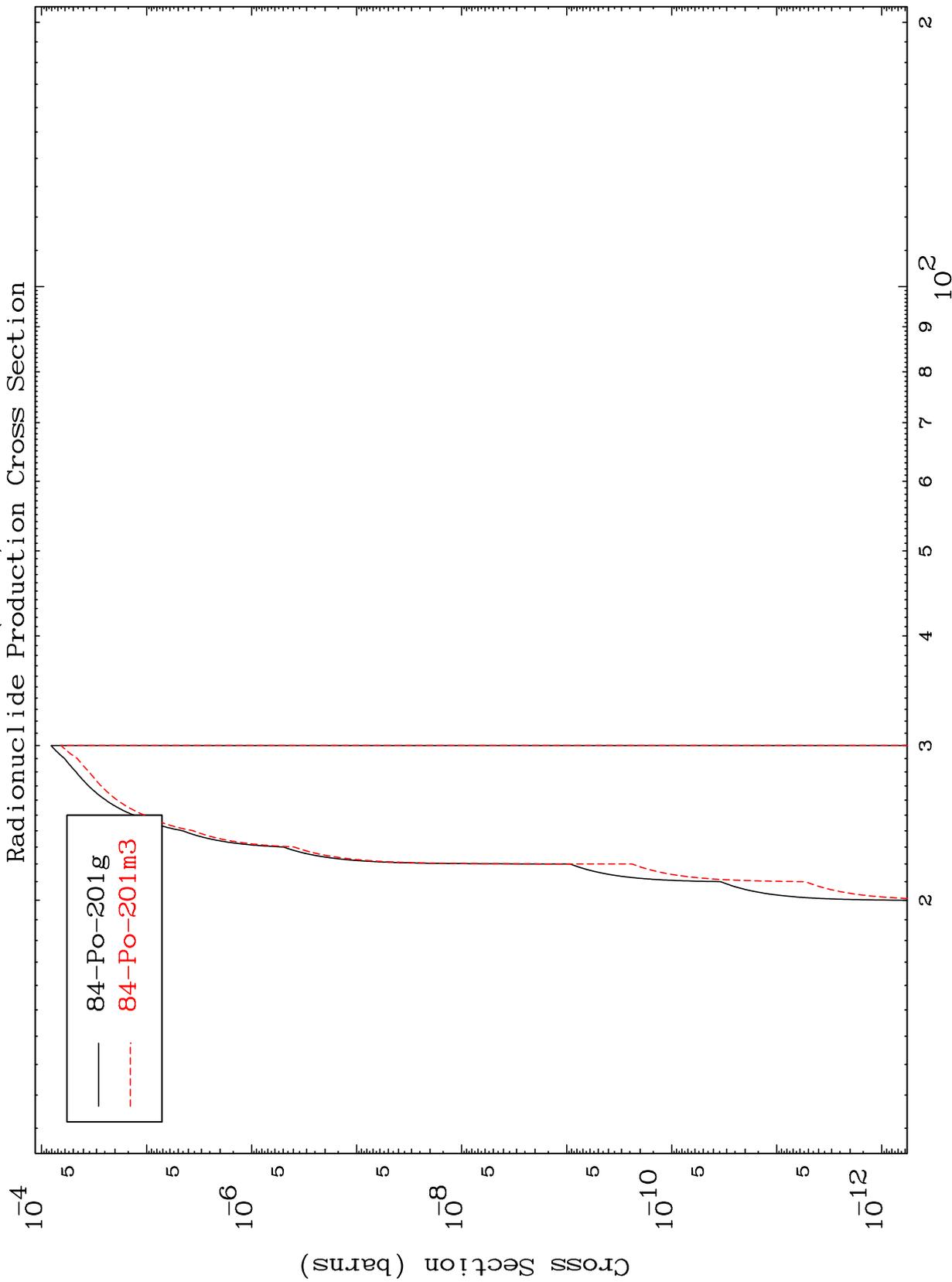


MAT 8613

86-Rn-207

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-207

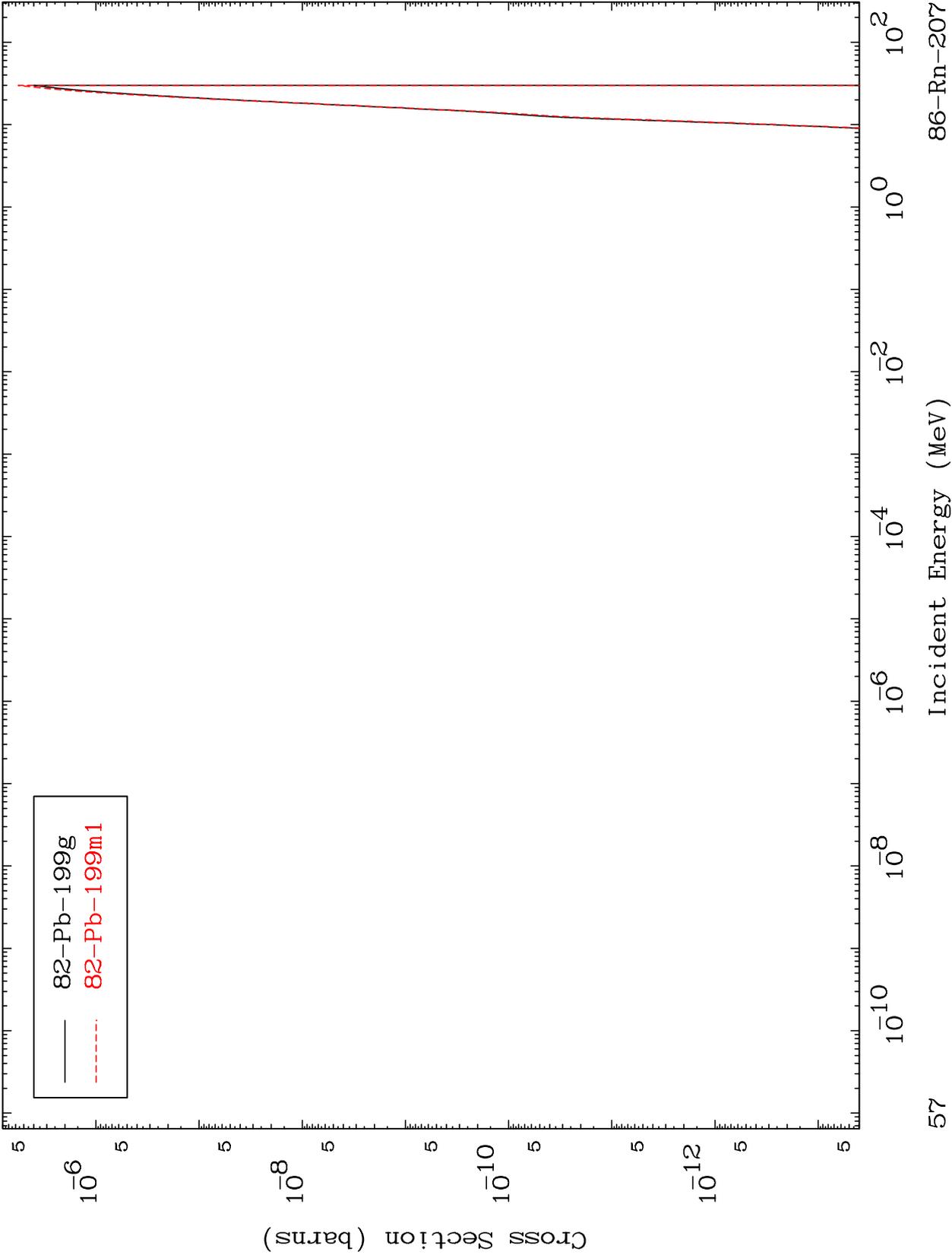
56

MAT 8613

(n,n') 2 α

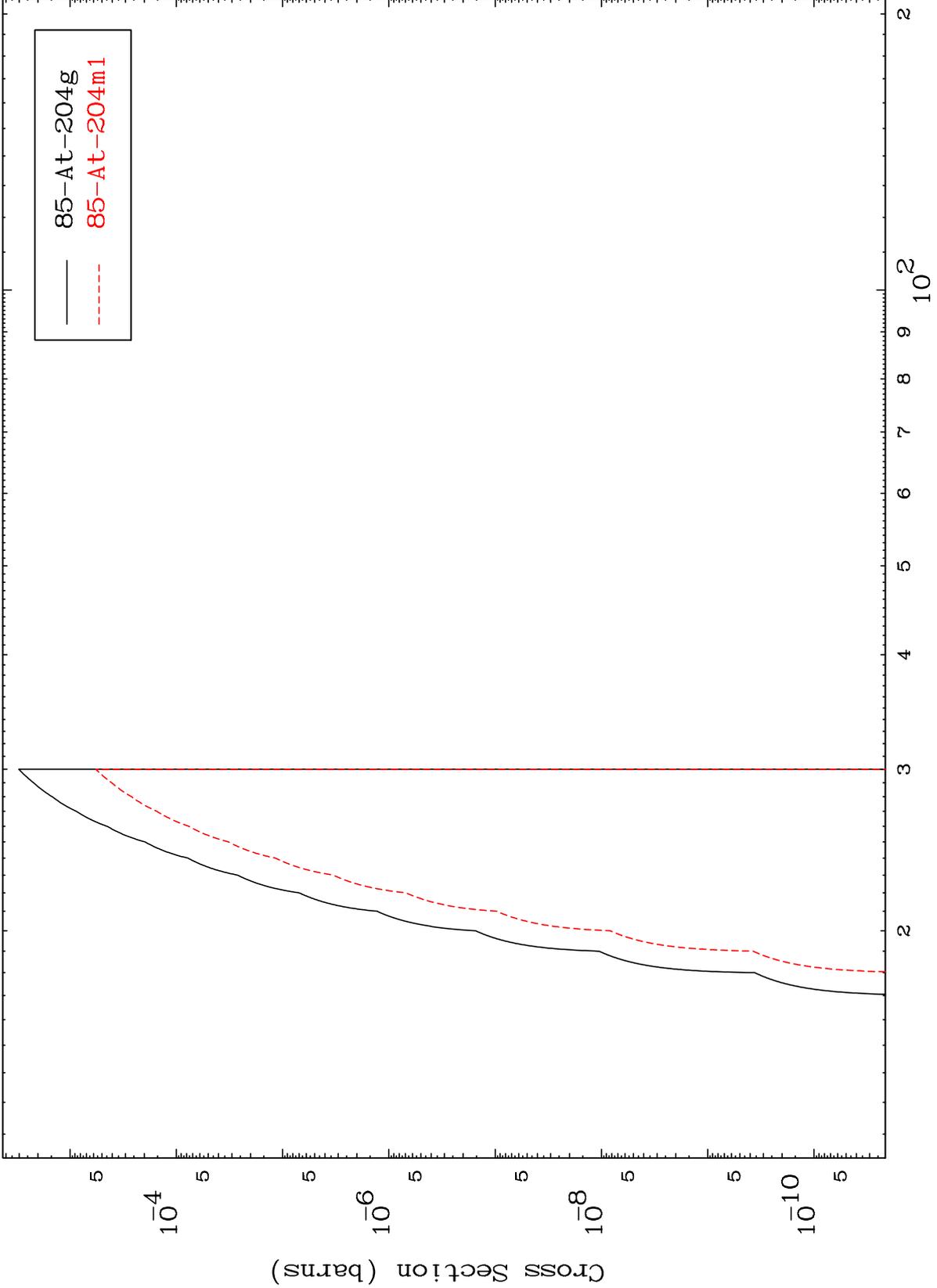
86-Rn-207

Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

Radionuclide Production Cross Section

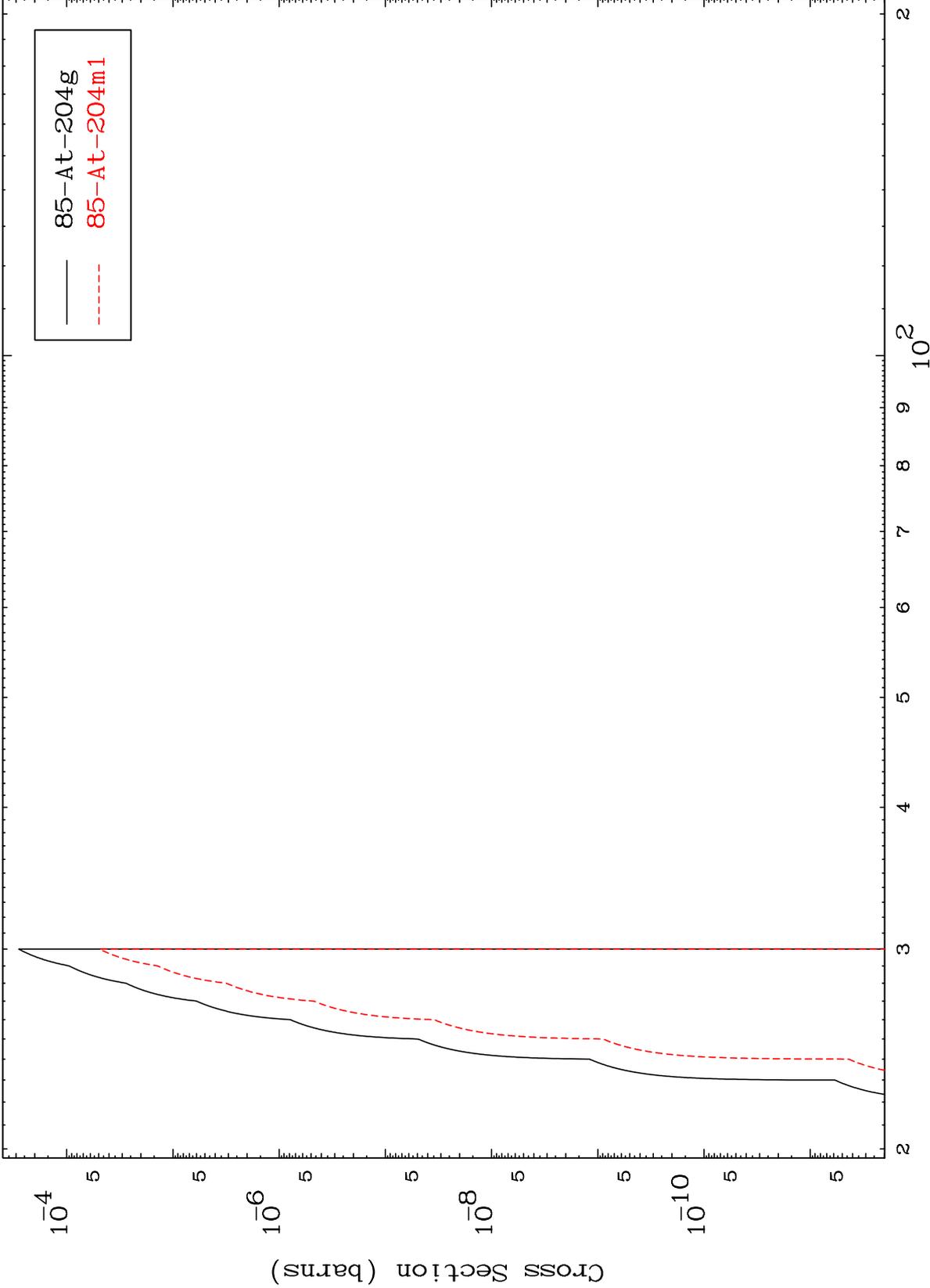


MAT 8613

(n,3n) p

86-Rn-207

Radionuclide Production Cross Section



85-At-204g
85-At-204m1

59

Incident Energy (MeV)

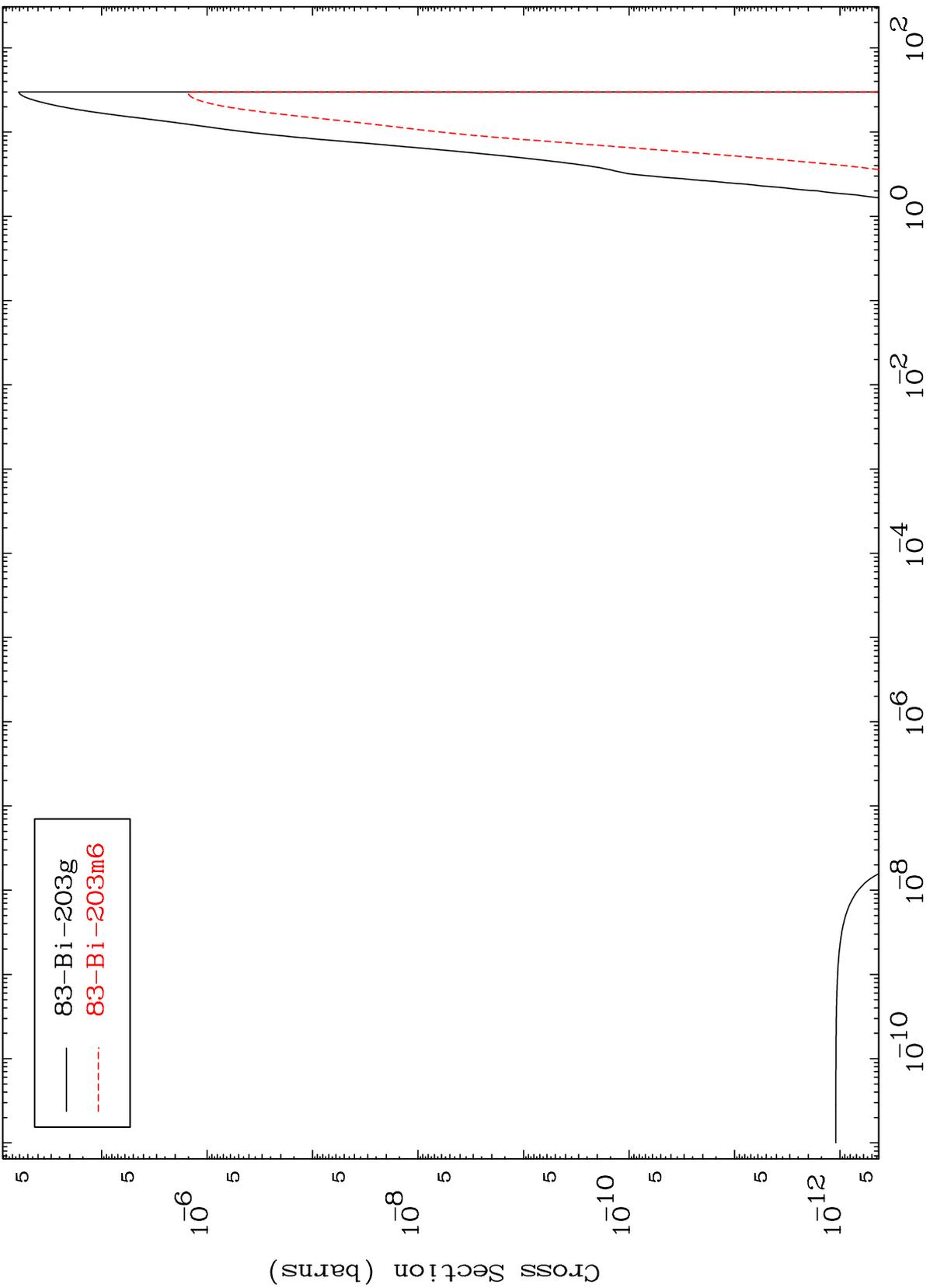
86-Rn-207

MAT 8613

(n,p) α

86-Rn-207

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

60

Incident Energy (MeV)

86-Rn-207