

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

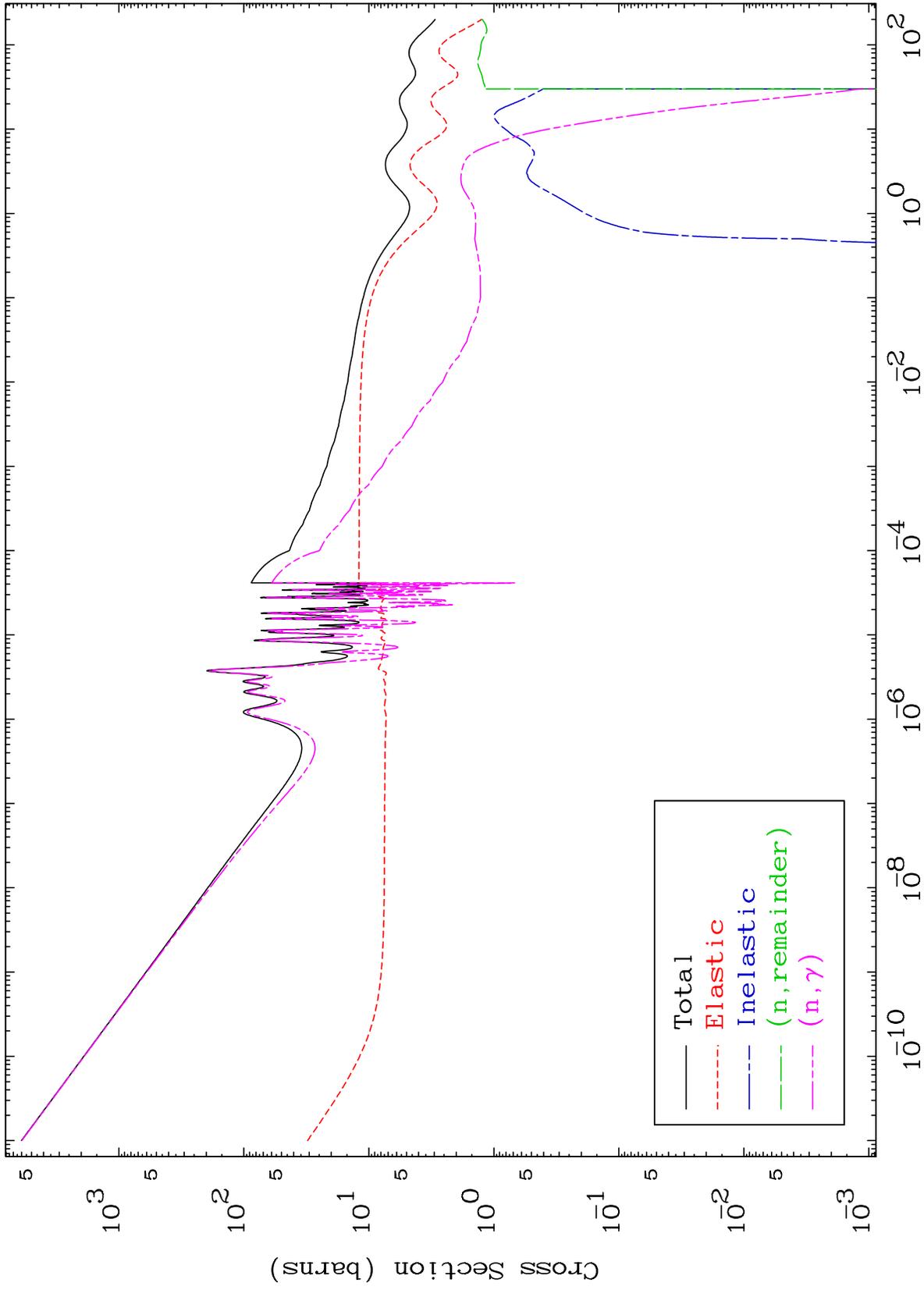
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8592

Major
293 Kelvin Cross Sections

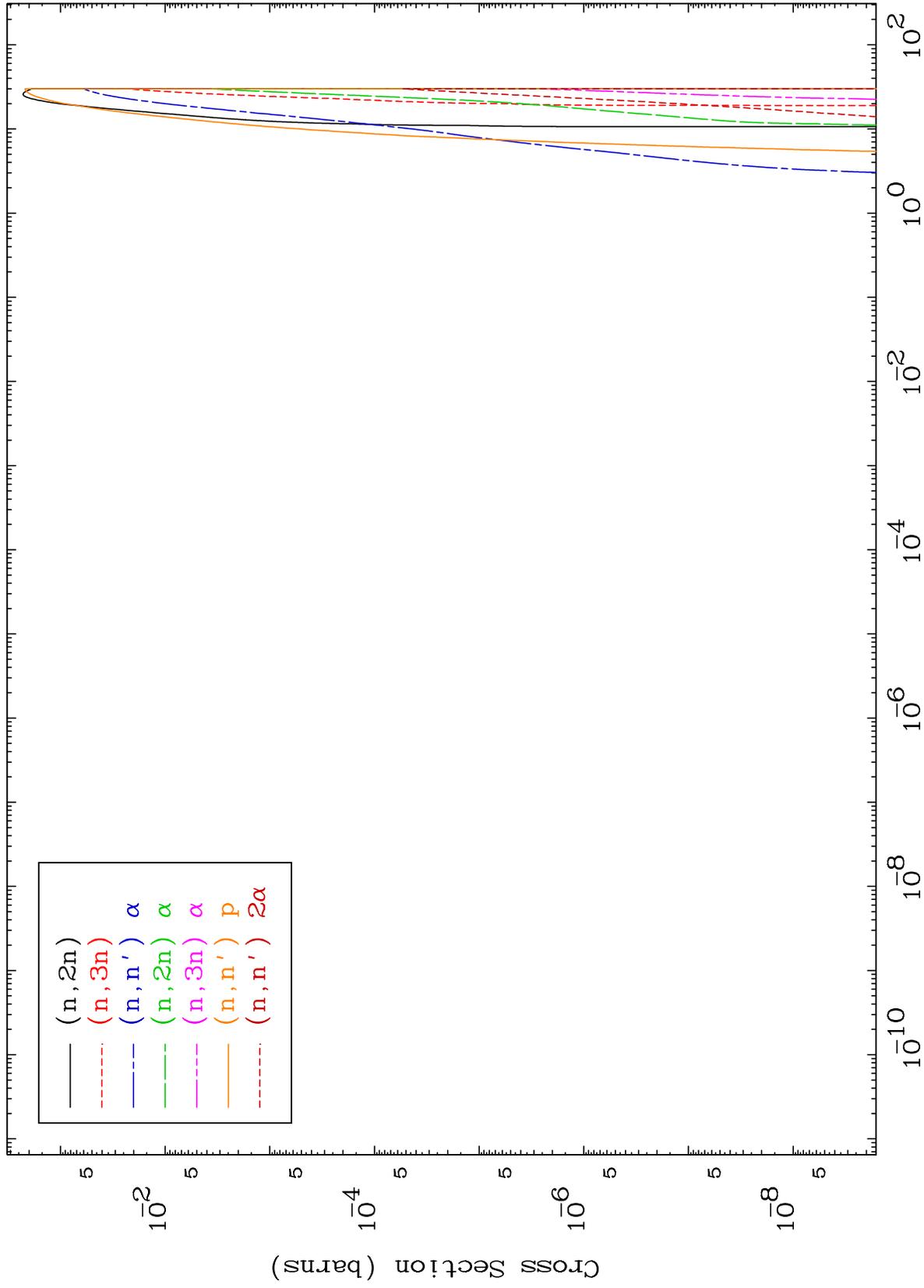
86-Rn-200



MAT 8592

Neutron Production 293 Kelvin Cross Sections

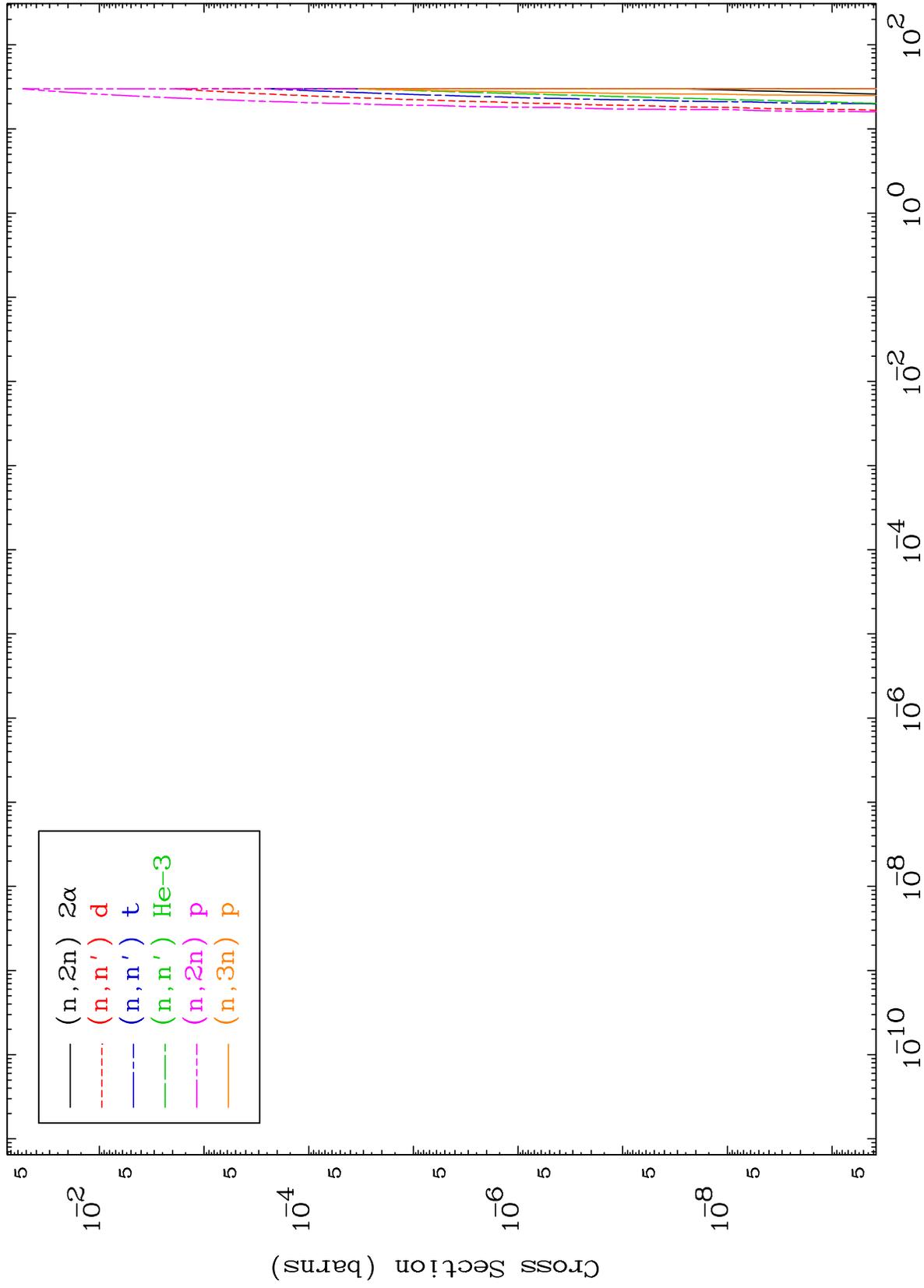
86-Rn-200



MAT 8592

Neutron Production
293 Kelvin Cross Sections

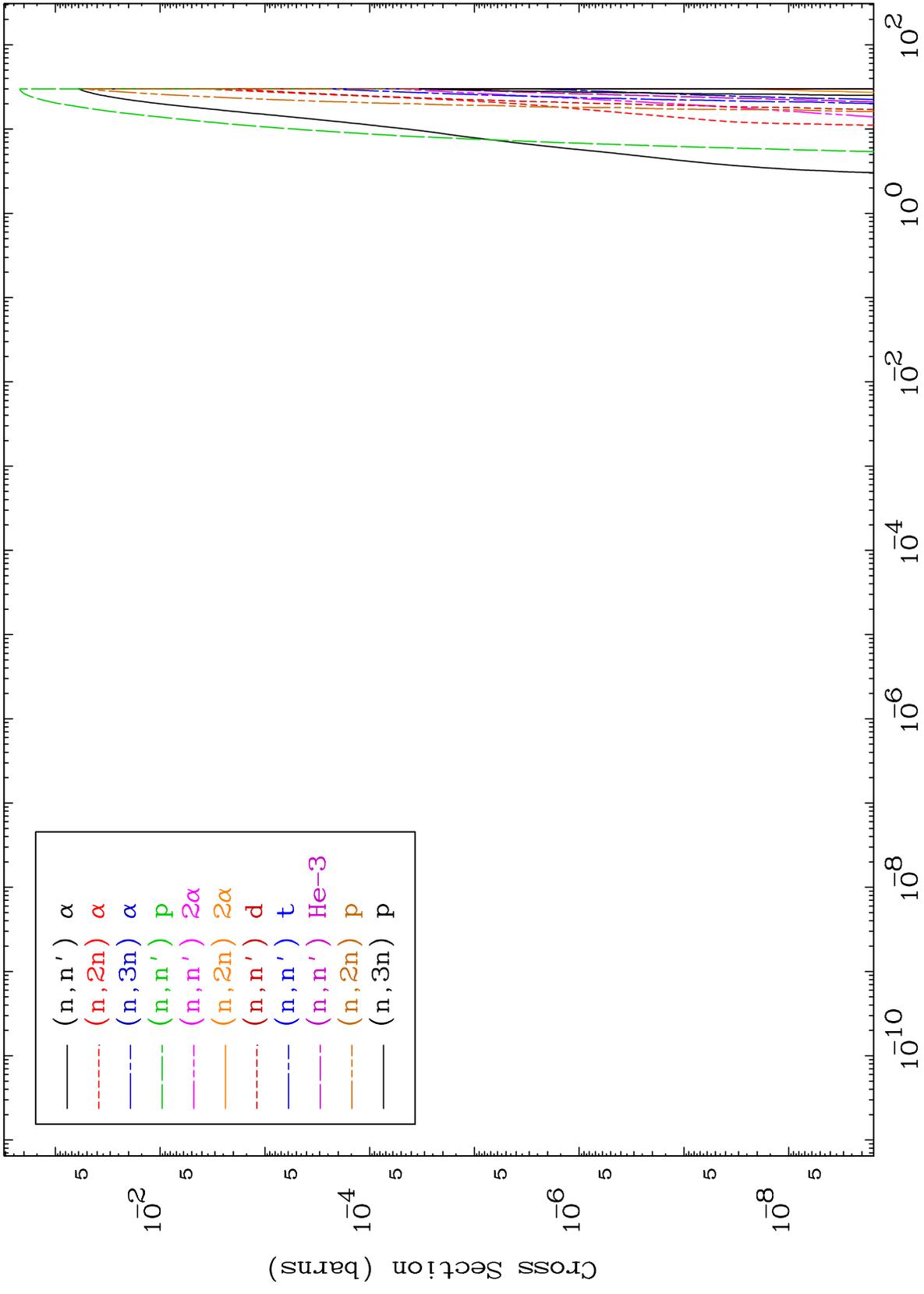
86-Rn-200



MAT 8592

293 Kelvin Cross Sections

86-Rn-200



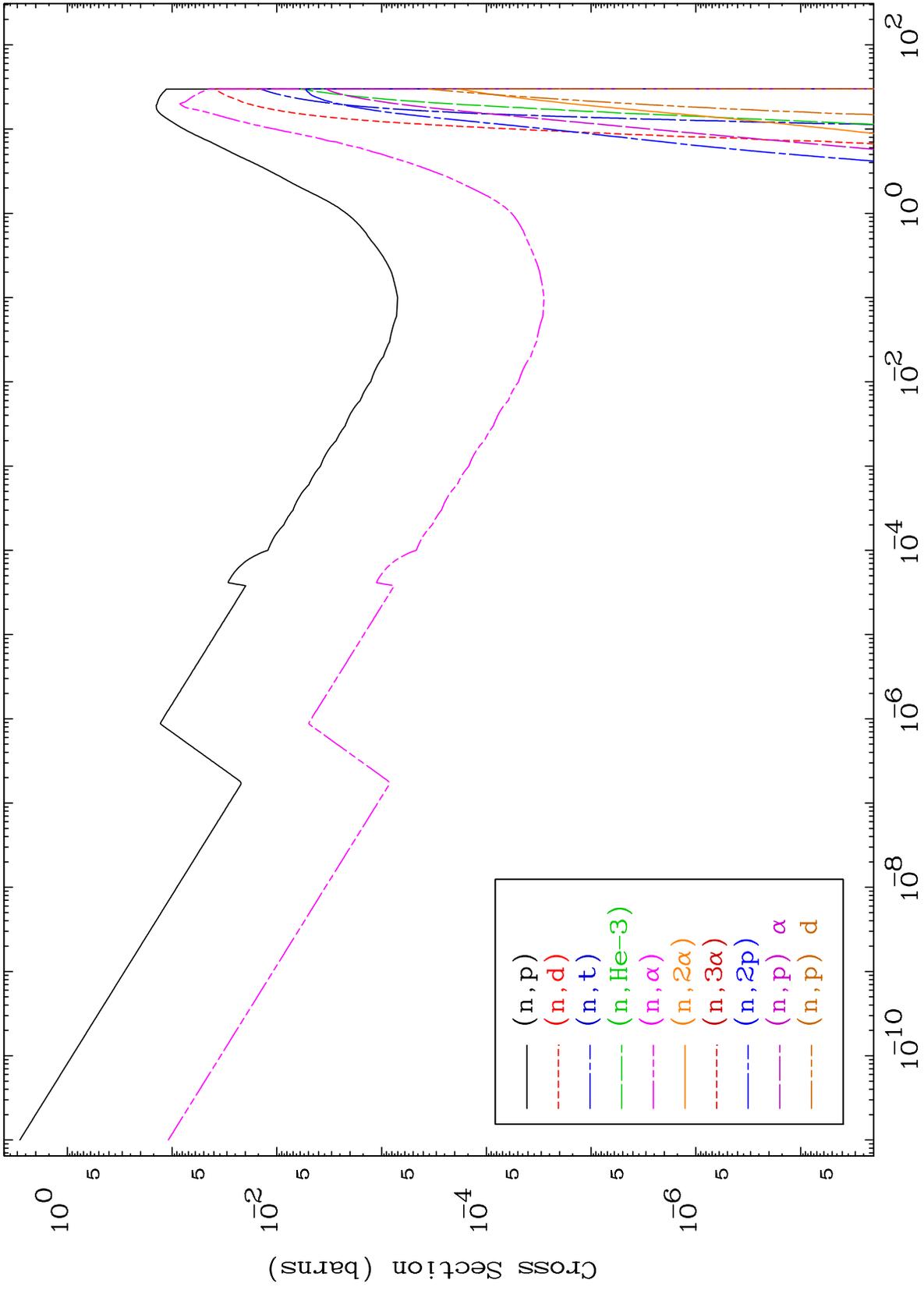
86-Rn-200

Incident Energy (MeV)

MAT 8592

293 Kelvin Cross Sections

86-Rn-200

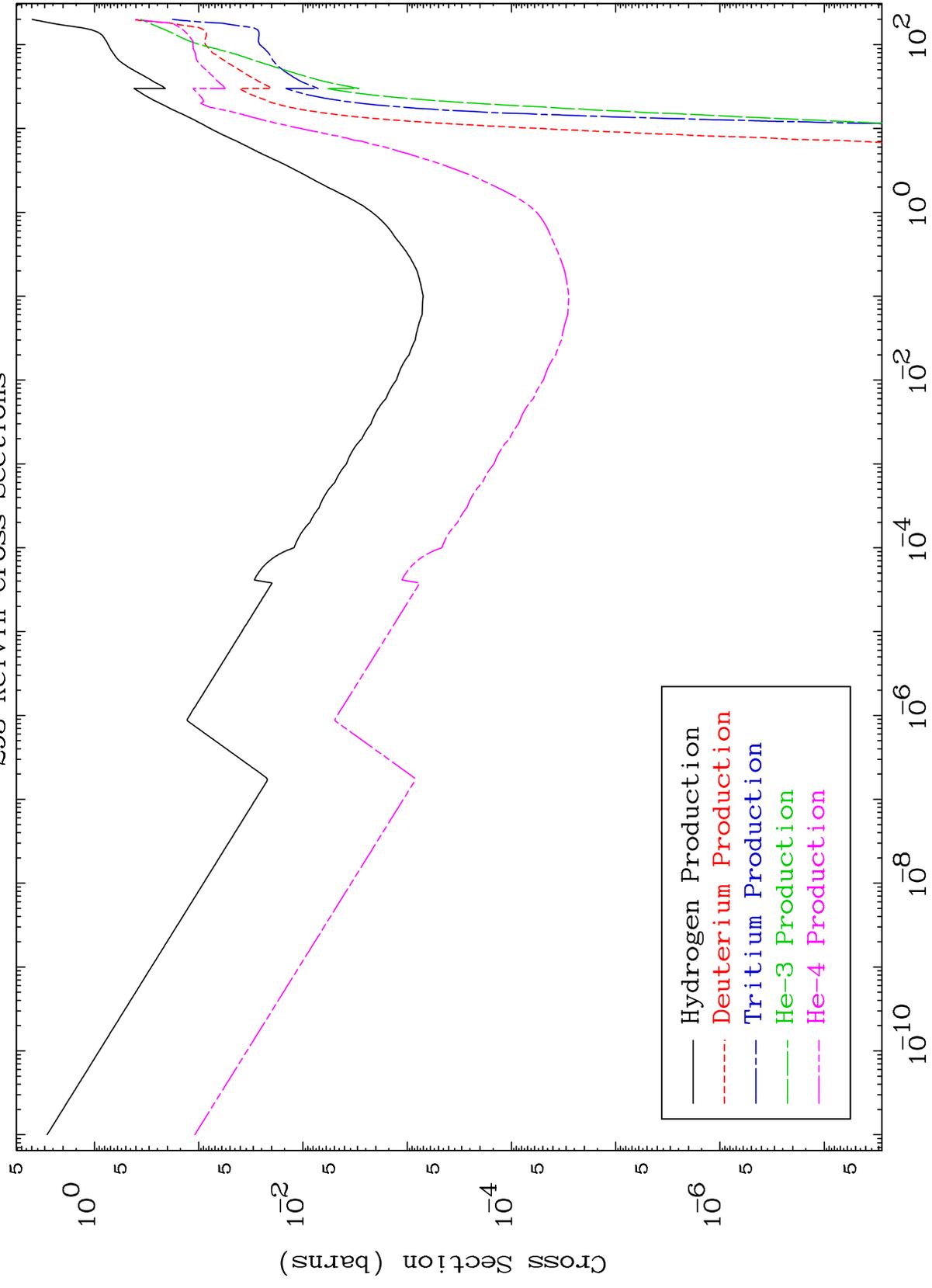


86-Rn-200

MAT 8592

293 Kelvin Cross Sections

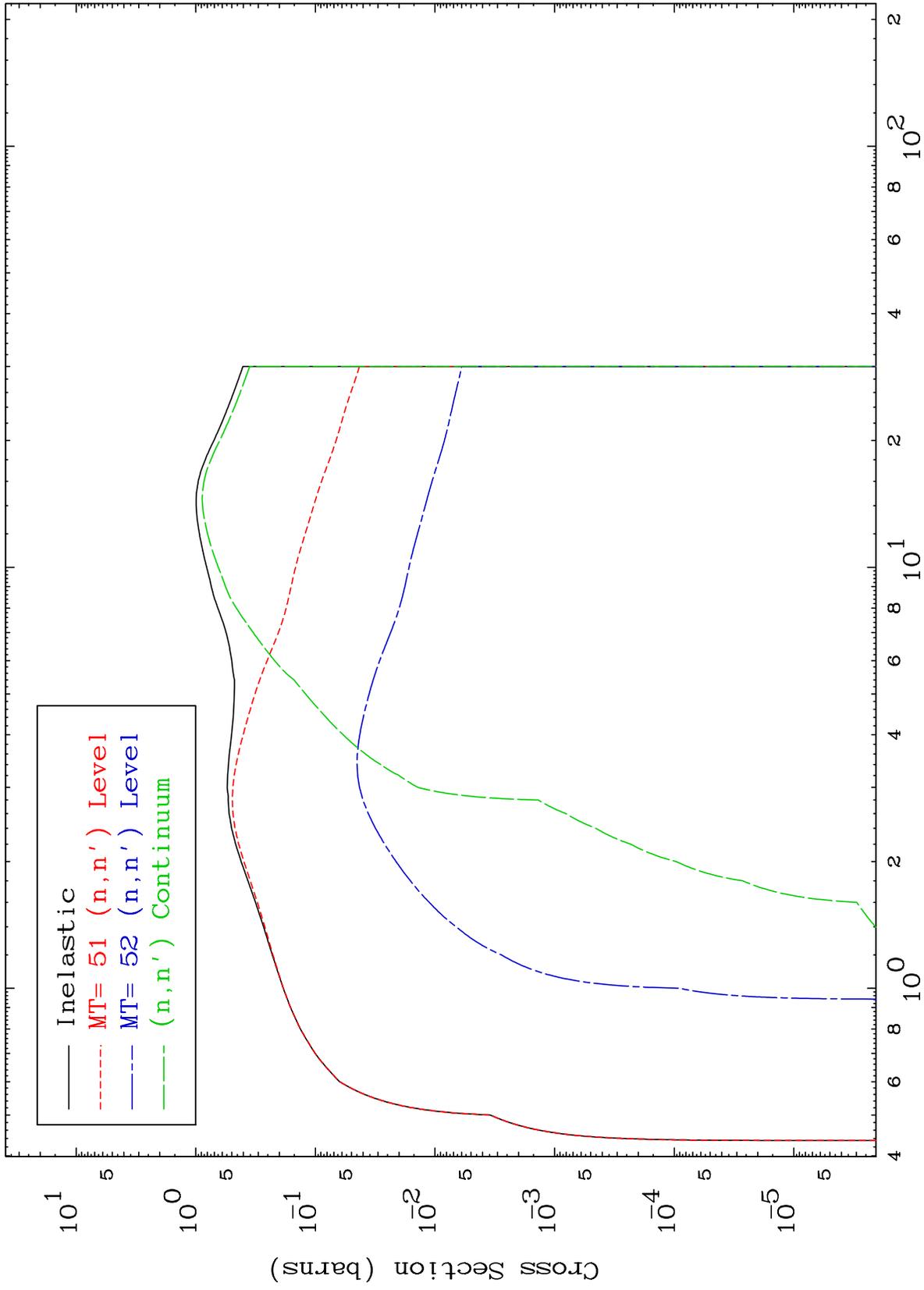
86-Rn-200



MAT 8592

293 Kelvin Cross Sections

86-Rn-200



7

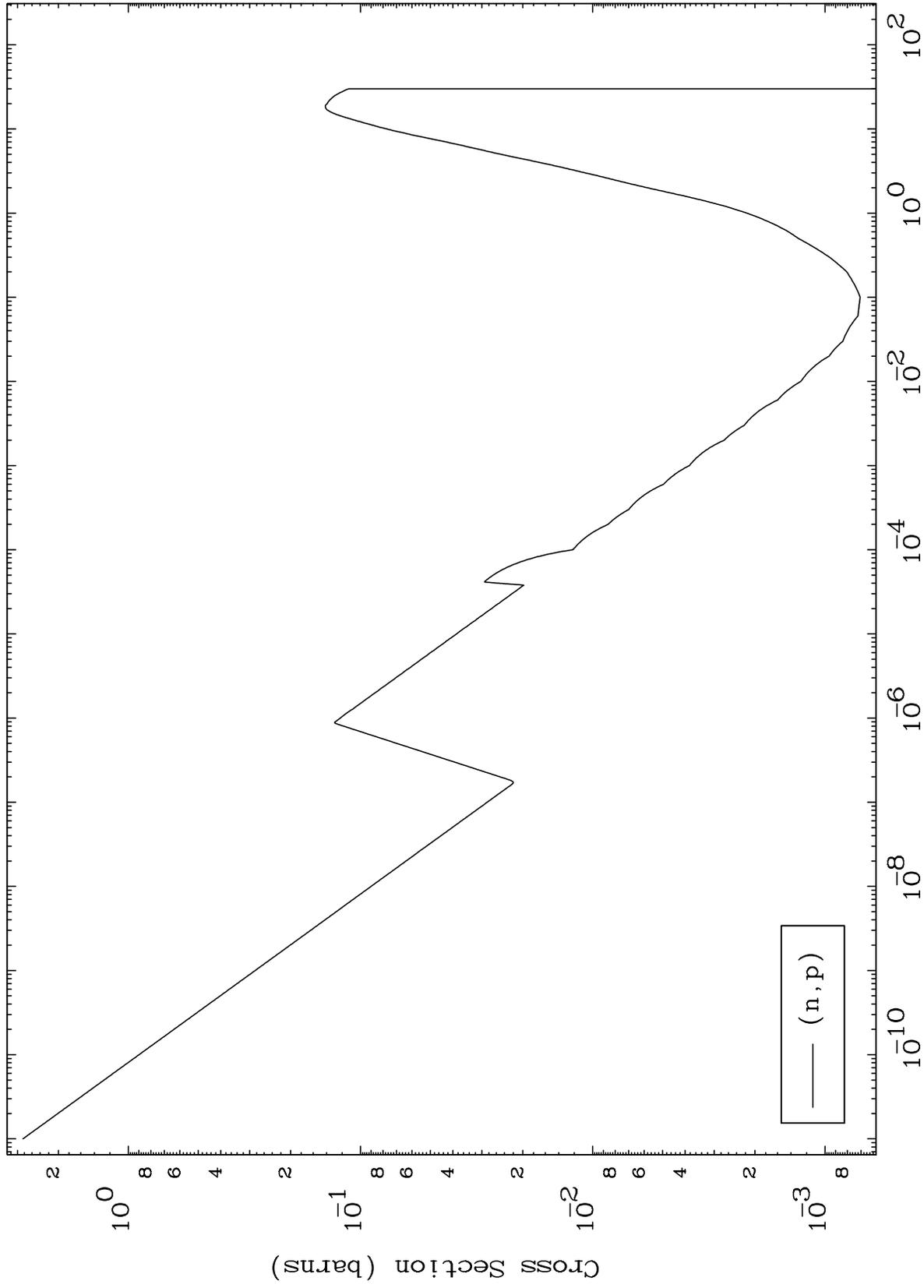
Incident Energy (MeV)

86-Rn-200

MAT 8592

(n,p) Levels
293 Kelvin Cross Sections

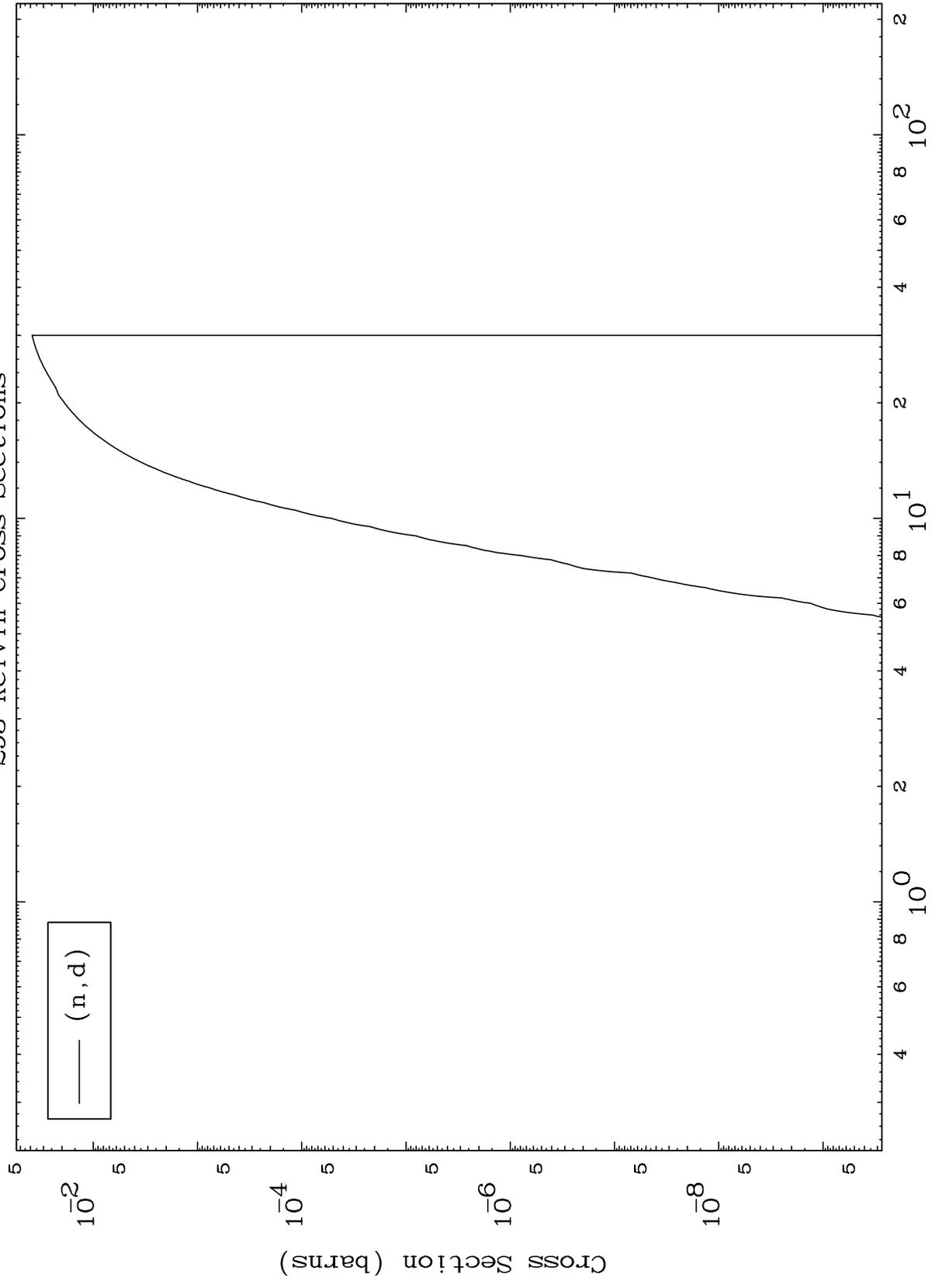
86-Rn-200



MAT 8592

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-200



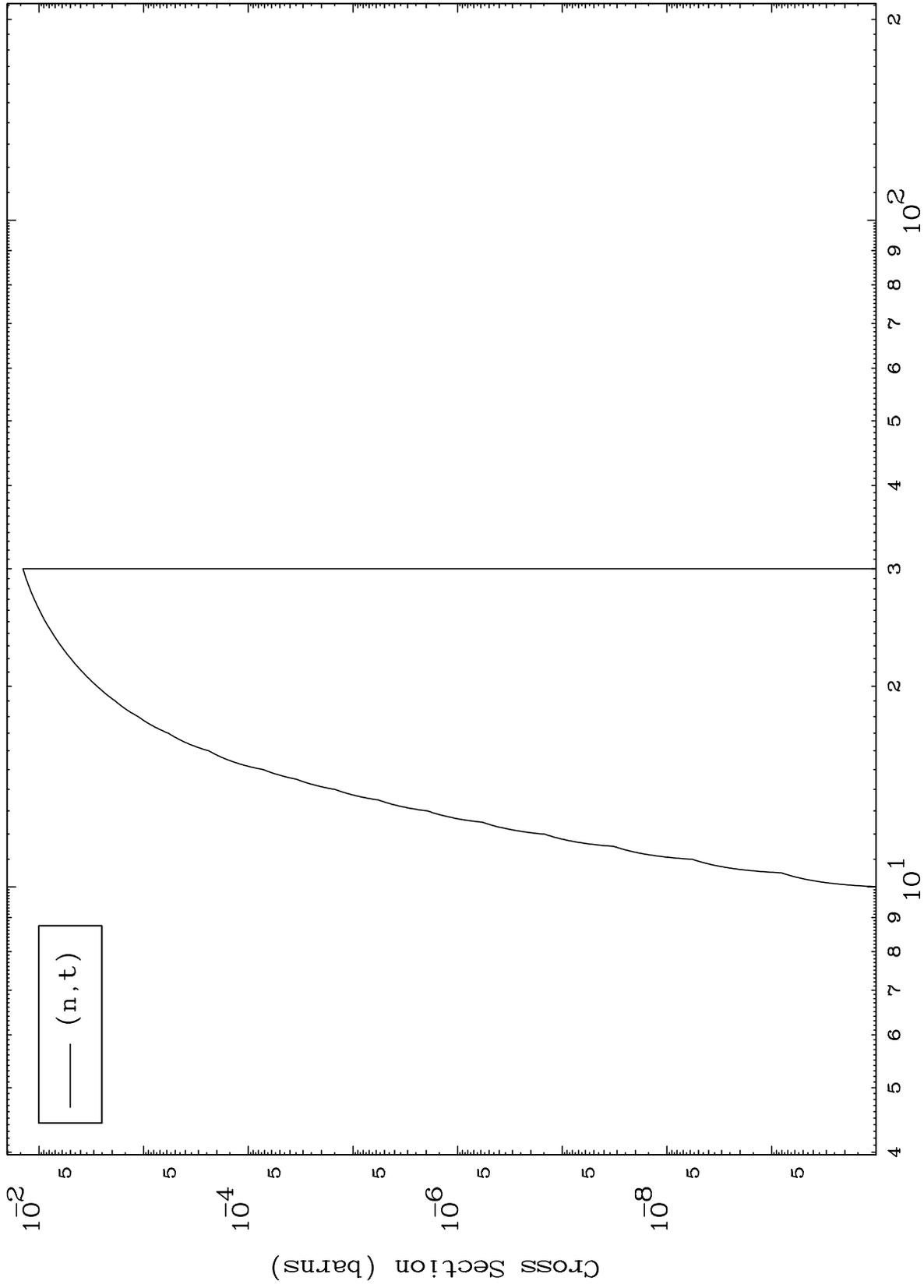
(n,d)

86-Rn-200

MAT 8592

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-200



10

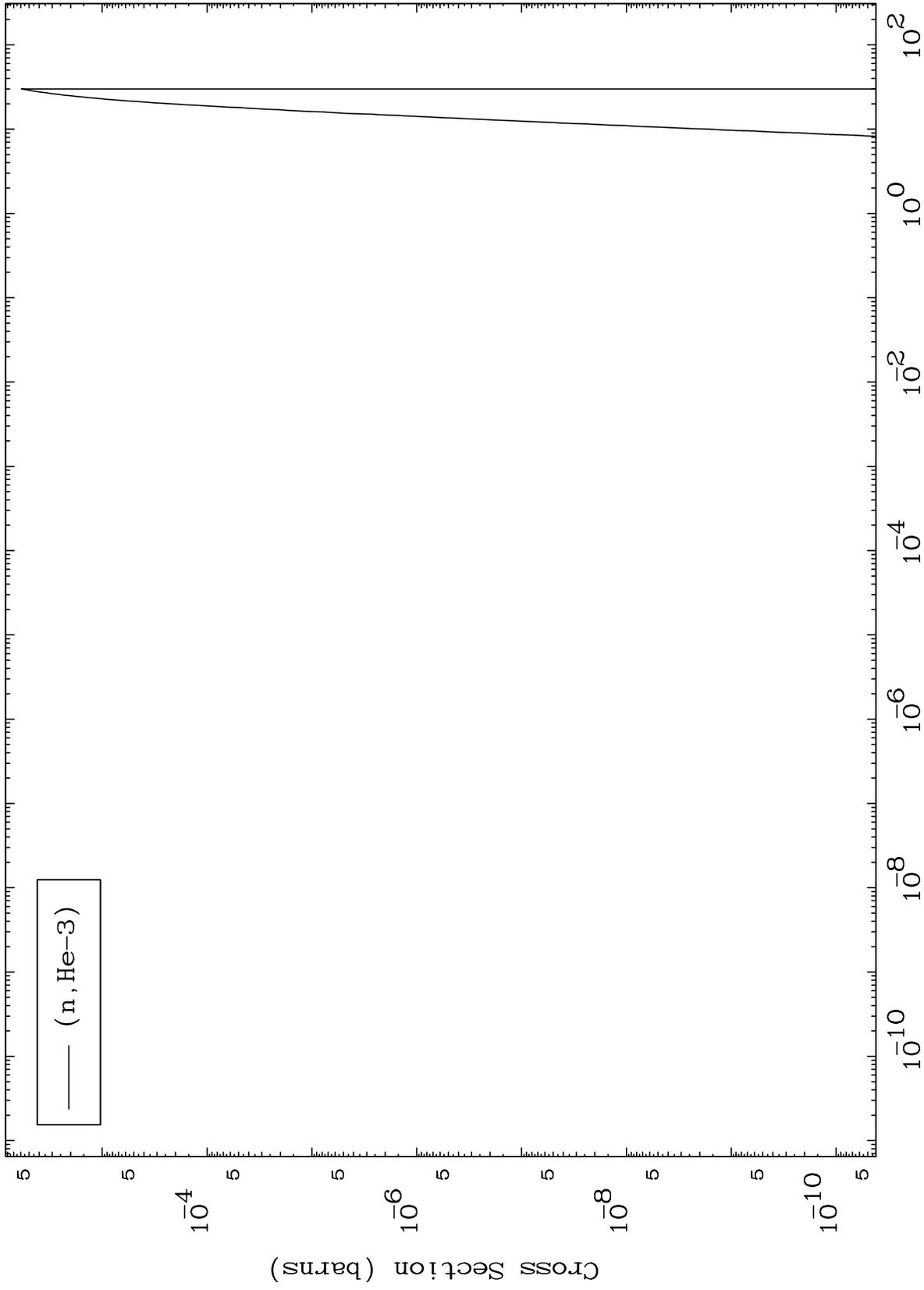
Incident Energy (MeV)

86-Rn-200

MAT 8592

(n,He3) Levels
293 Kelvin Cross Sections

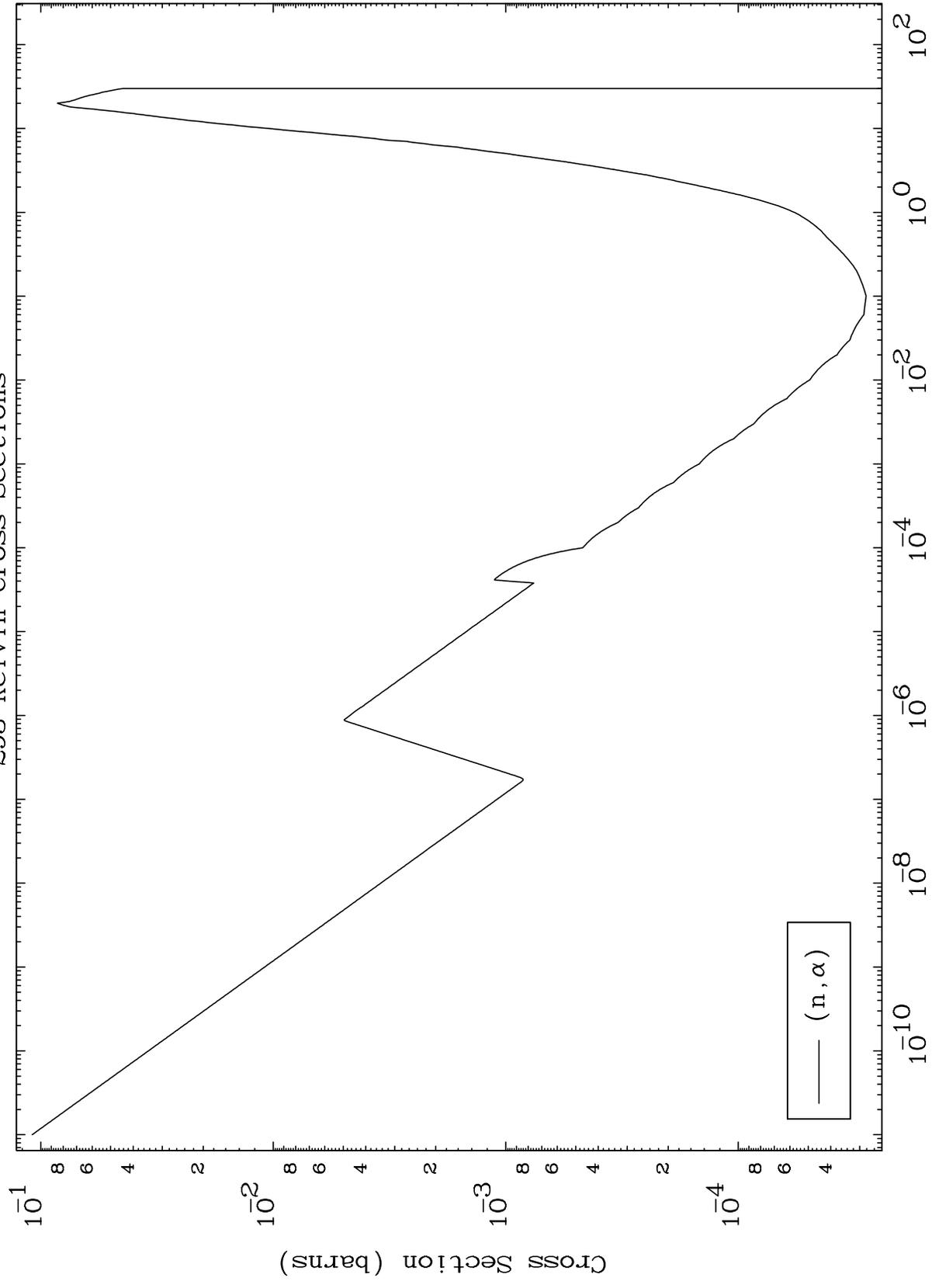
86-Rn-200



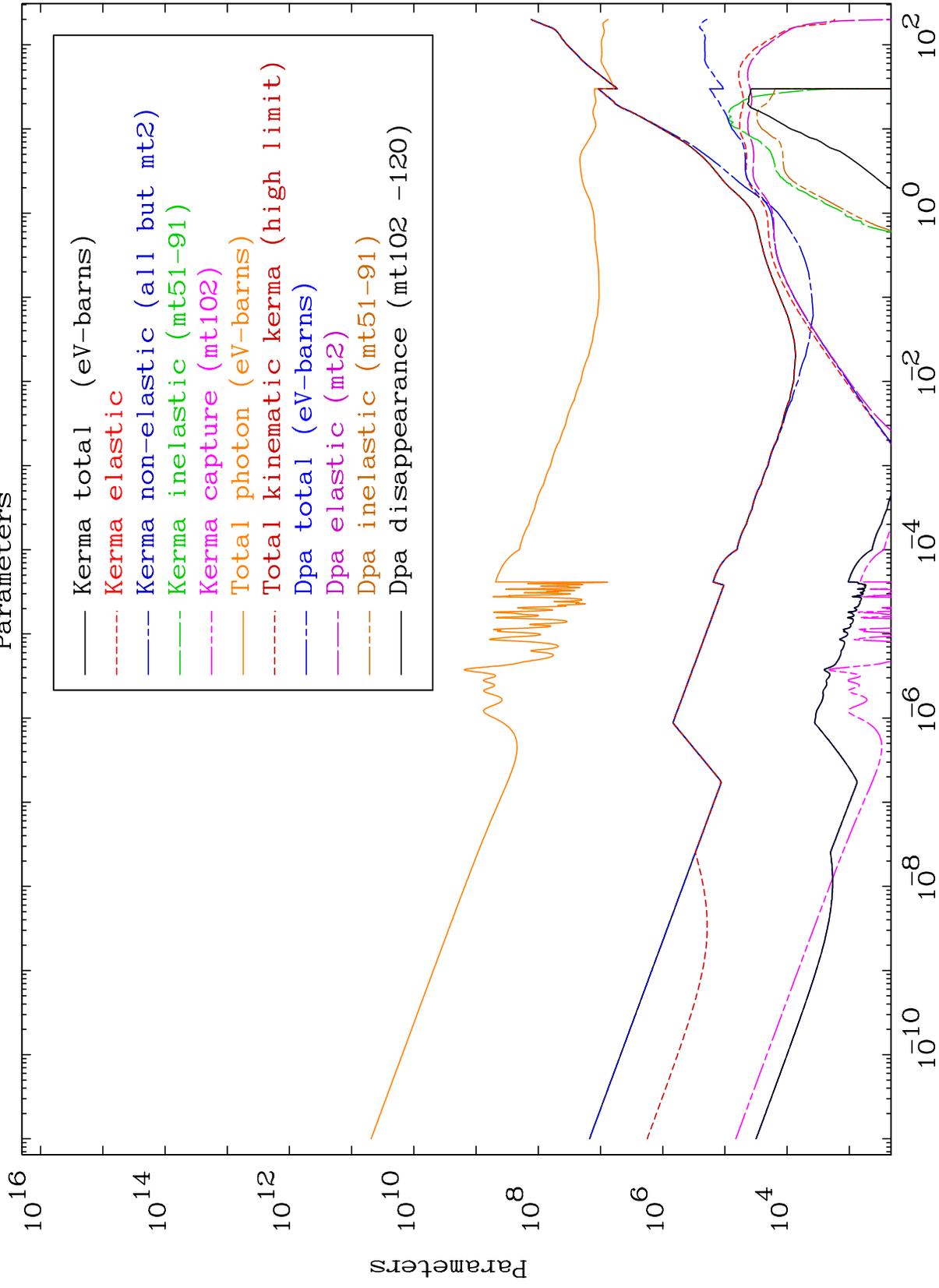
MAT 8592

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-200



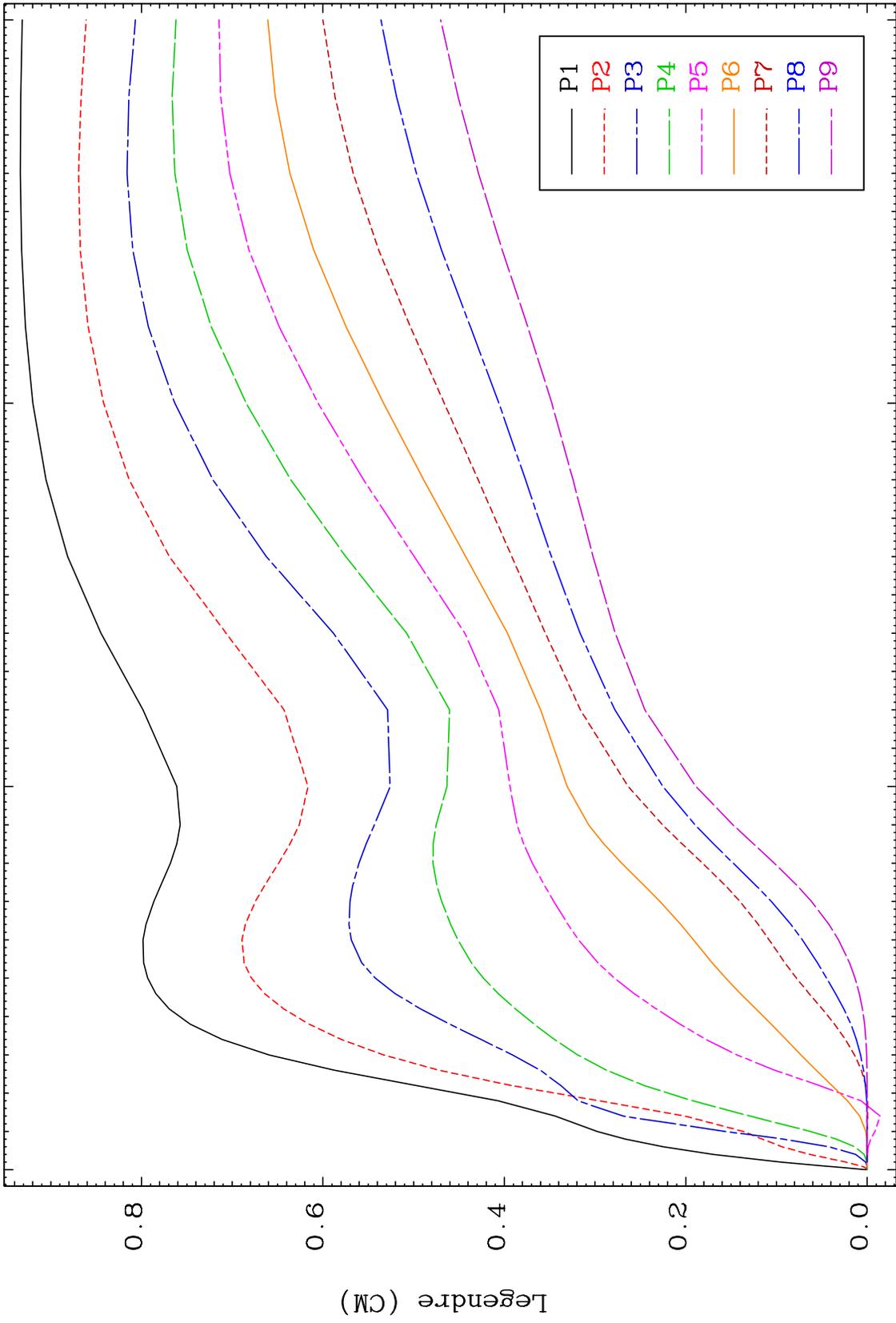
— (n,α)



MAT 8592

86-Rn-200

Elastic Legendre Coefficients



14

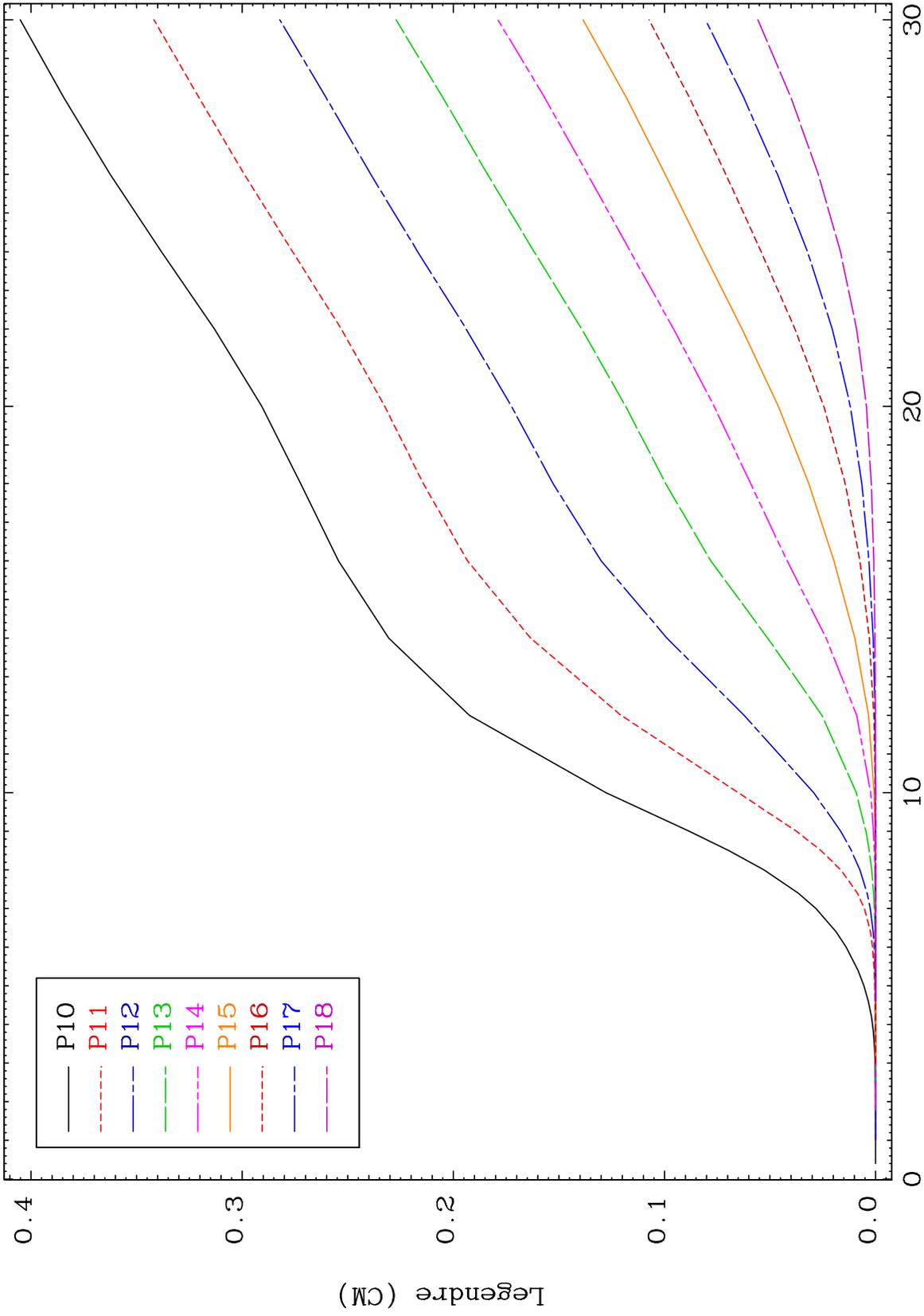
Incident Energy (MeV)

86-Rn-200

MAT 8592

Elastic Legendre Coefficients

86-Rn-200



15

Incident Energy (MeV)

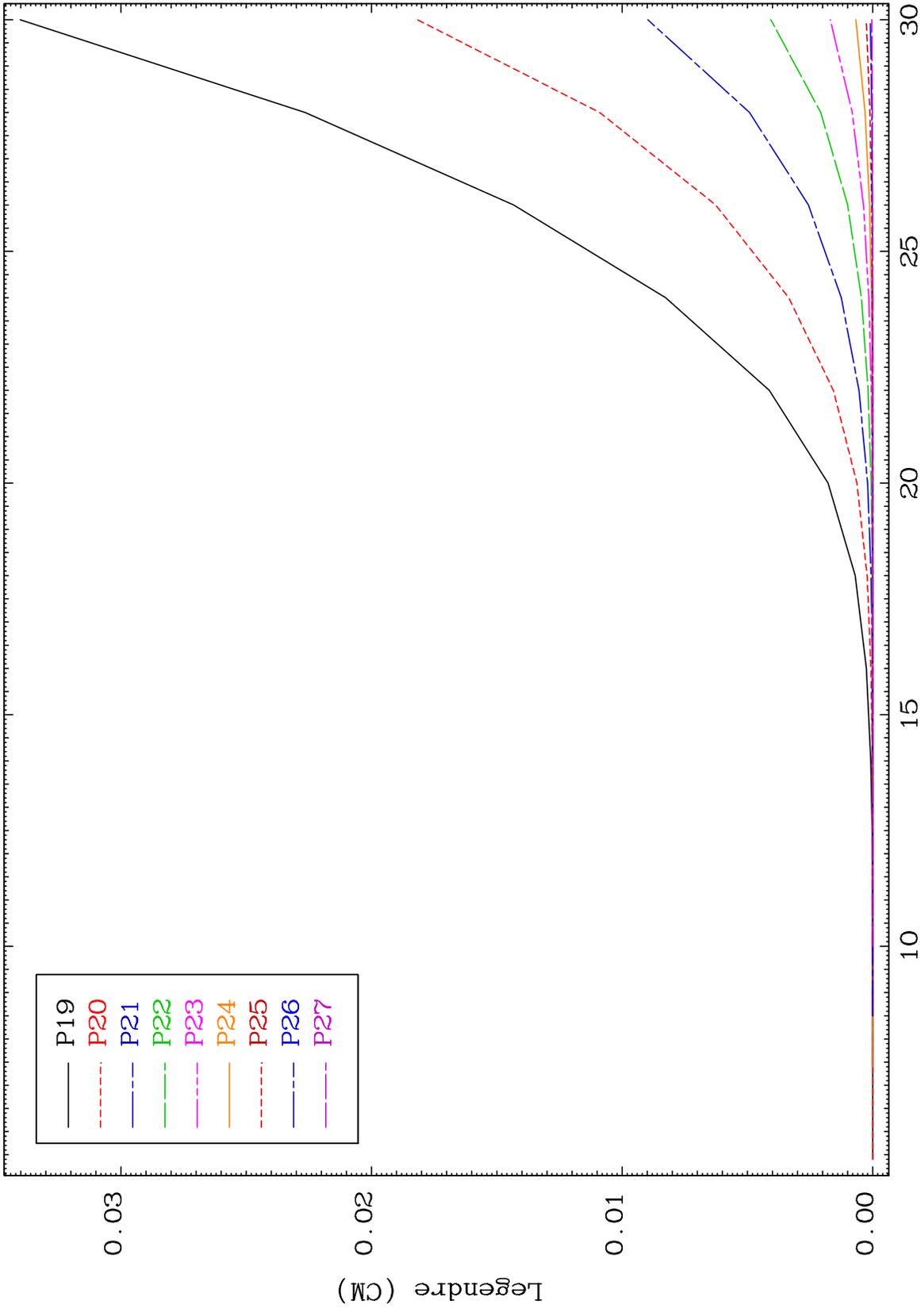
86-Rn-200

30

MAT 8592

Elastic Legendre Coefficients

86-Rn-200



16

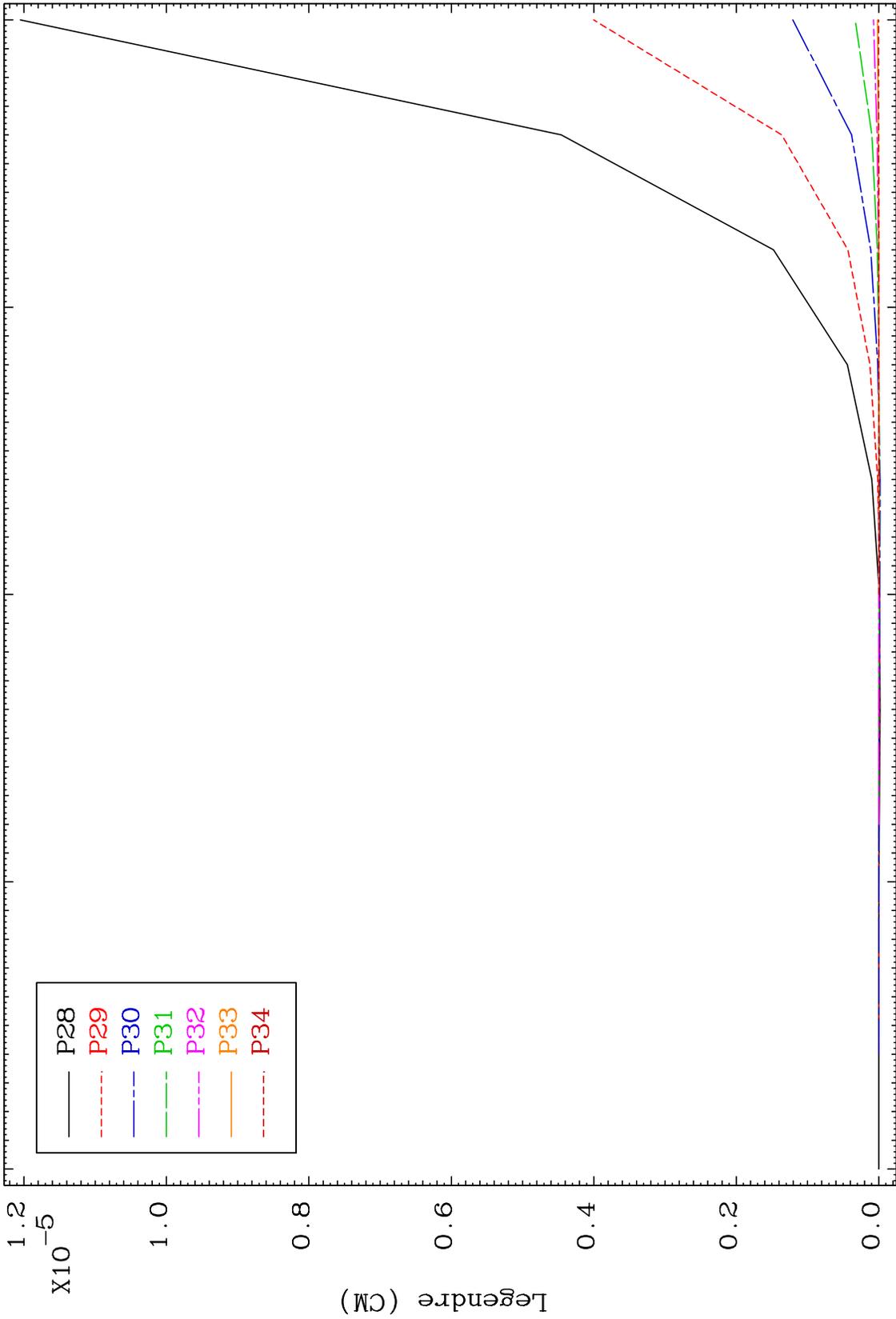
Incident Energy (MeV)

86-Rn-200

MAT 8592

Elastic Legendre Coefficients

86-Rn-200



17

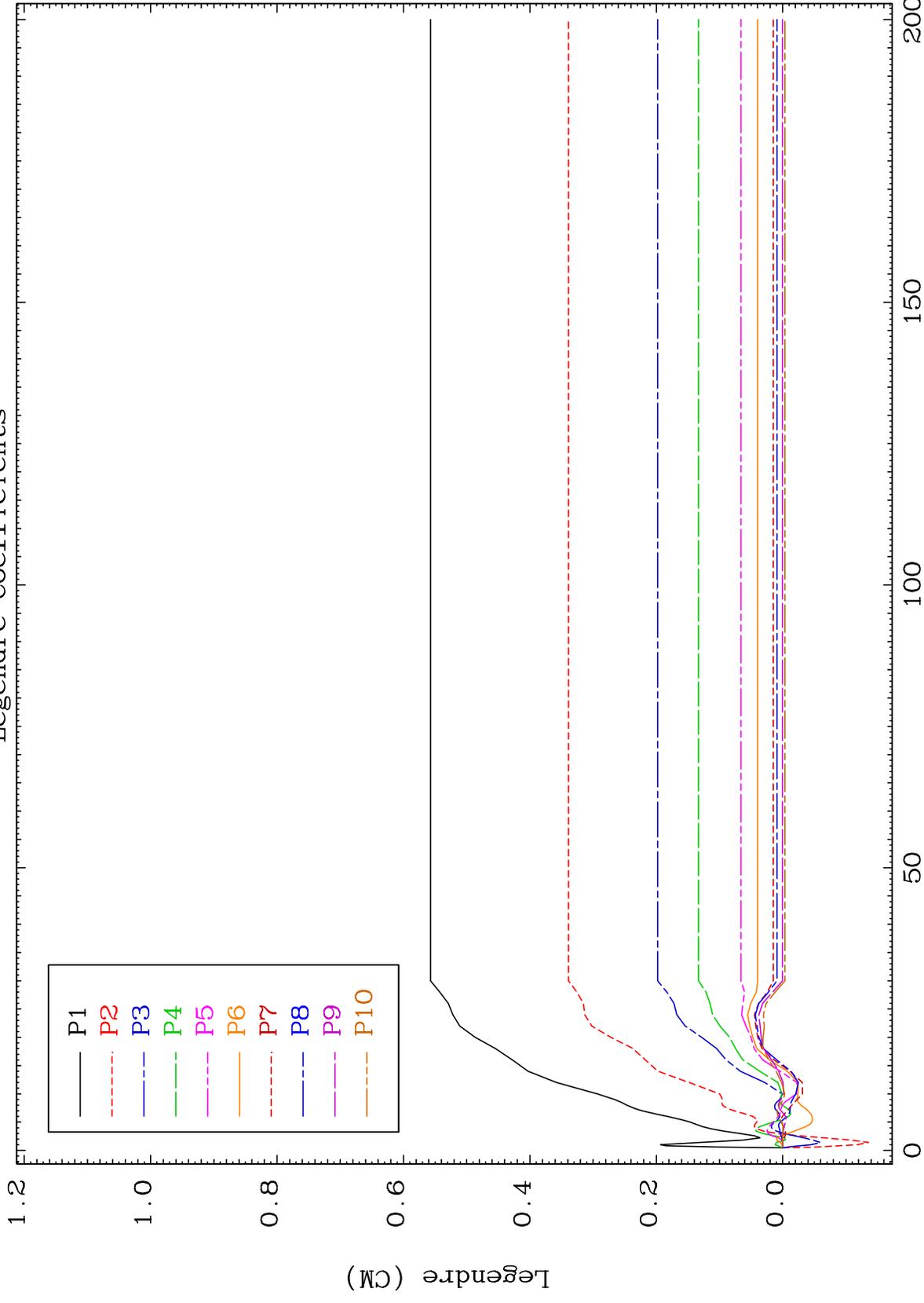
Incident Energy (MeV)

86-Rn-200

MAT 8592

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

86-Rn-200



86-Rn-200

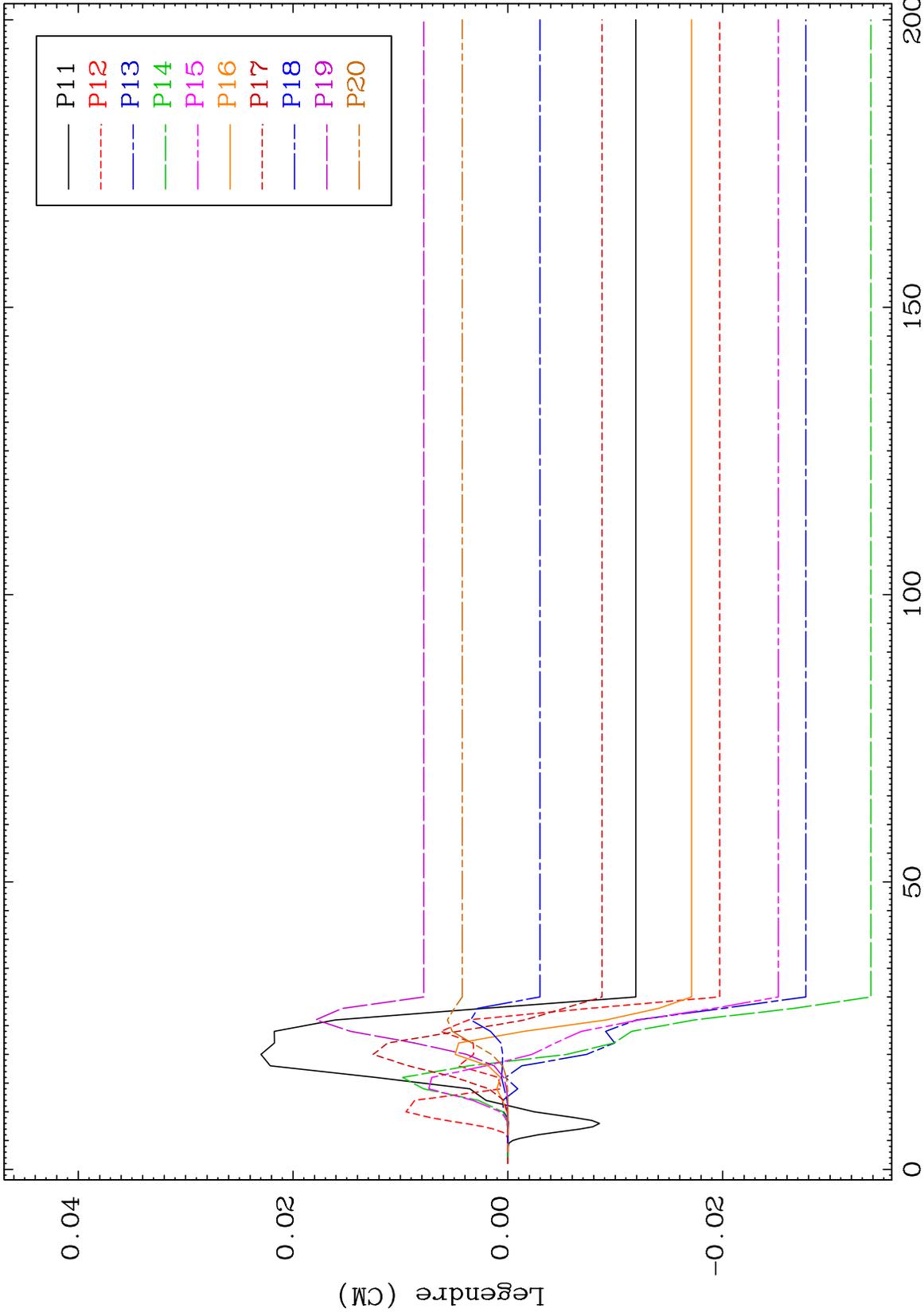
Incident Energy (MeV)

18

MAT 8592

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

86-Rn-200



19

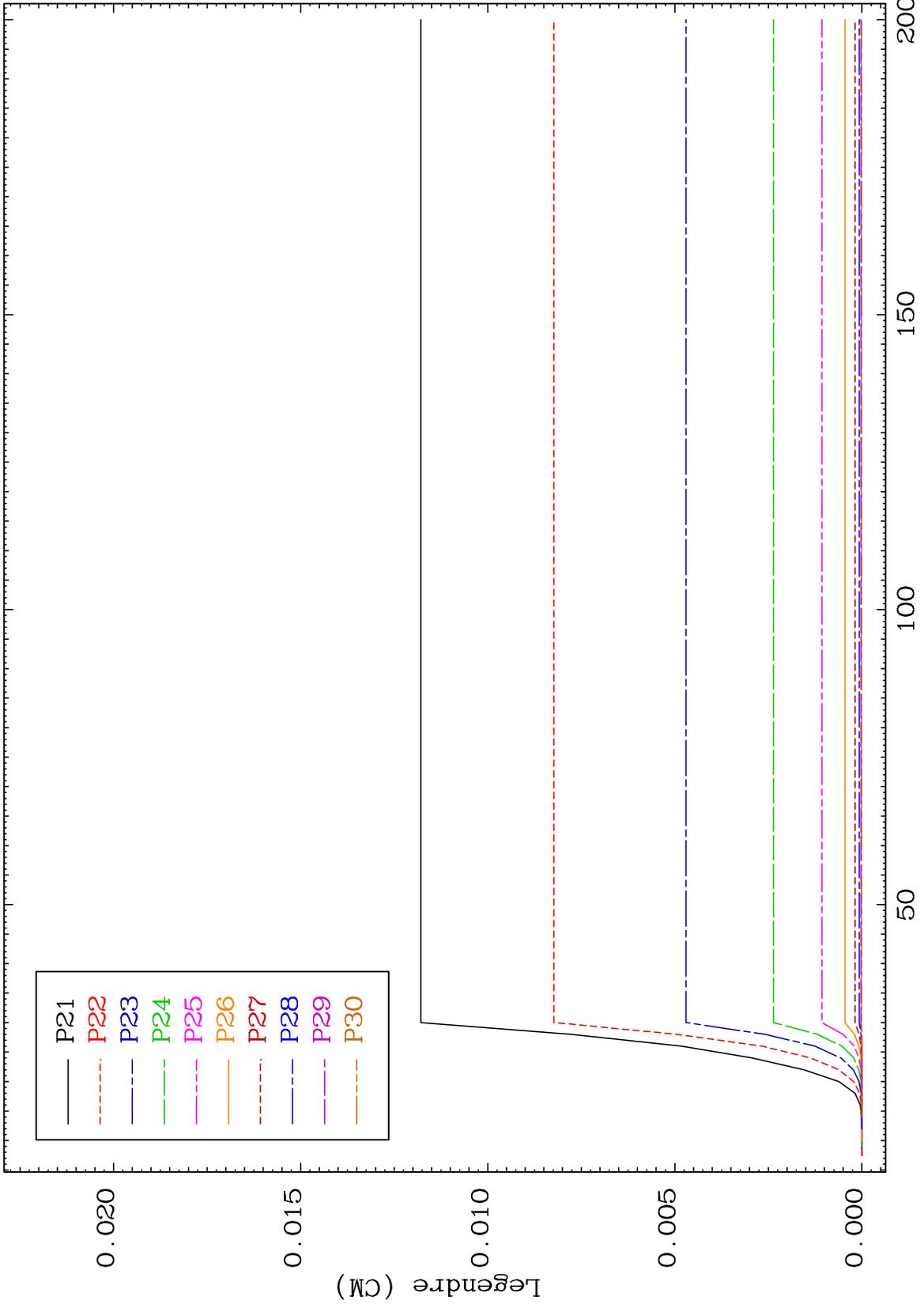
Incident Energy (MeV)

86-Rn-200

MAT 8592

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

86-Rn-200



20

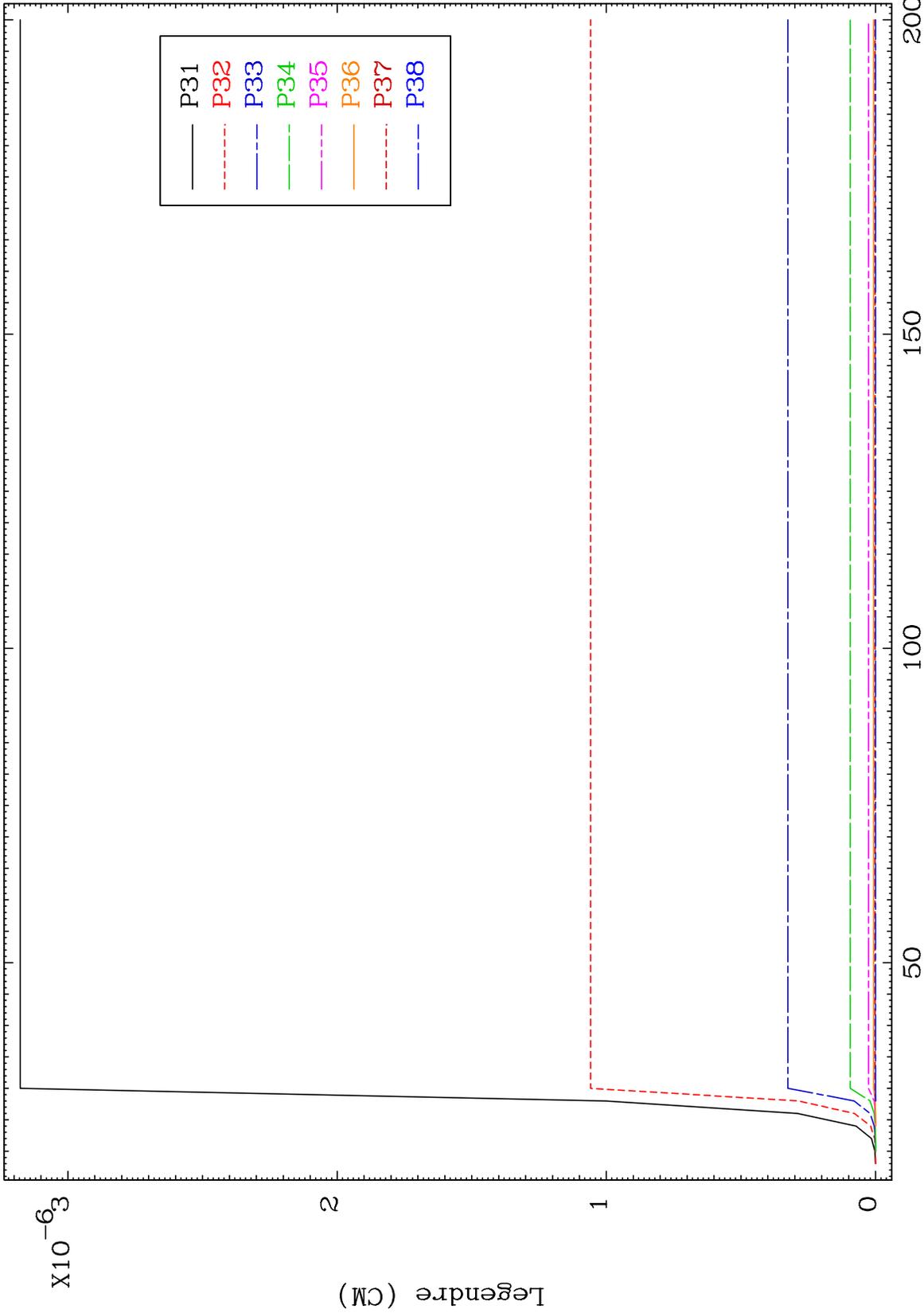
Incident Energy (MeV)

86-Rn-200

MAT 8592

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

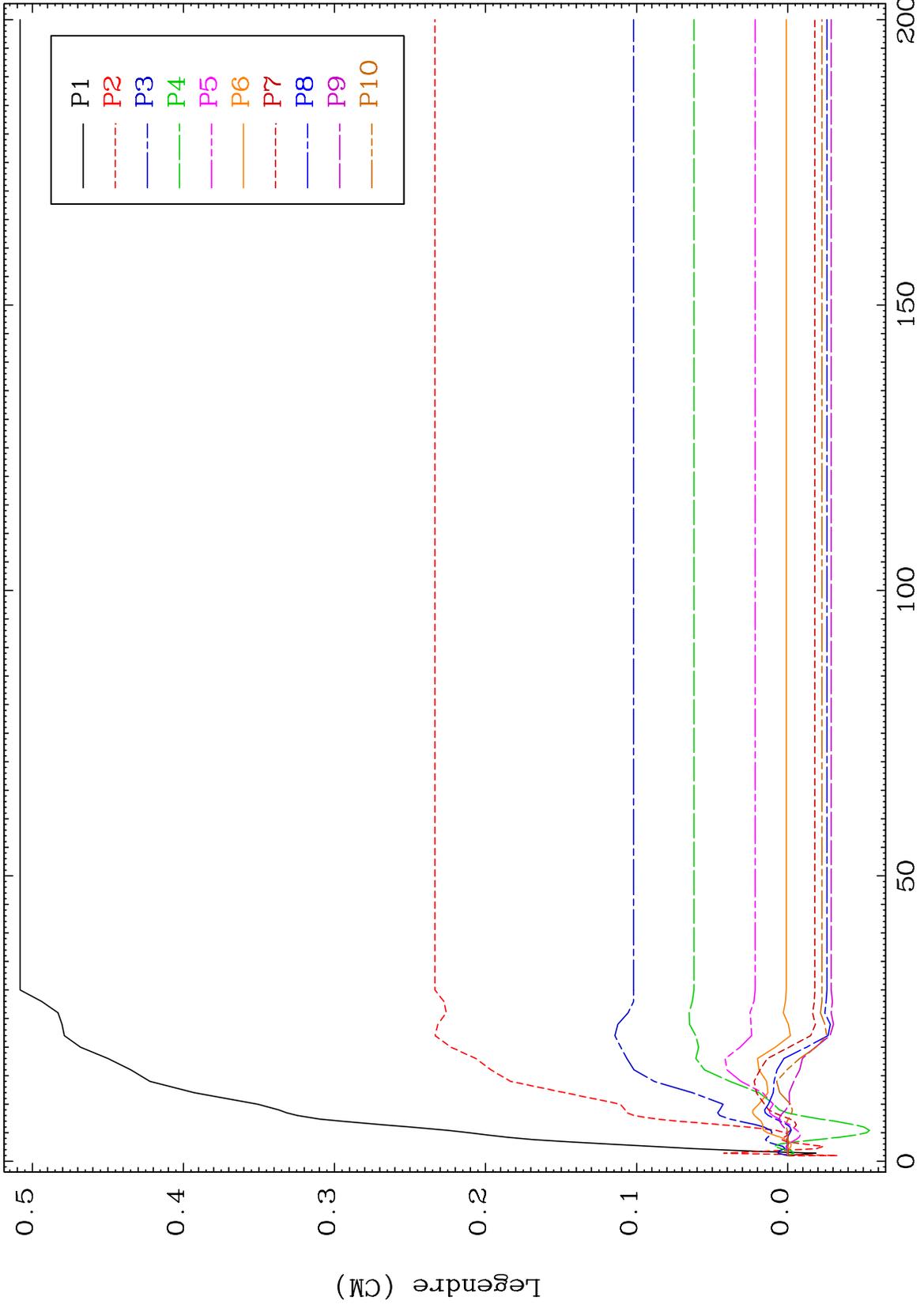
86-Rn-200



21

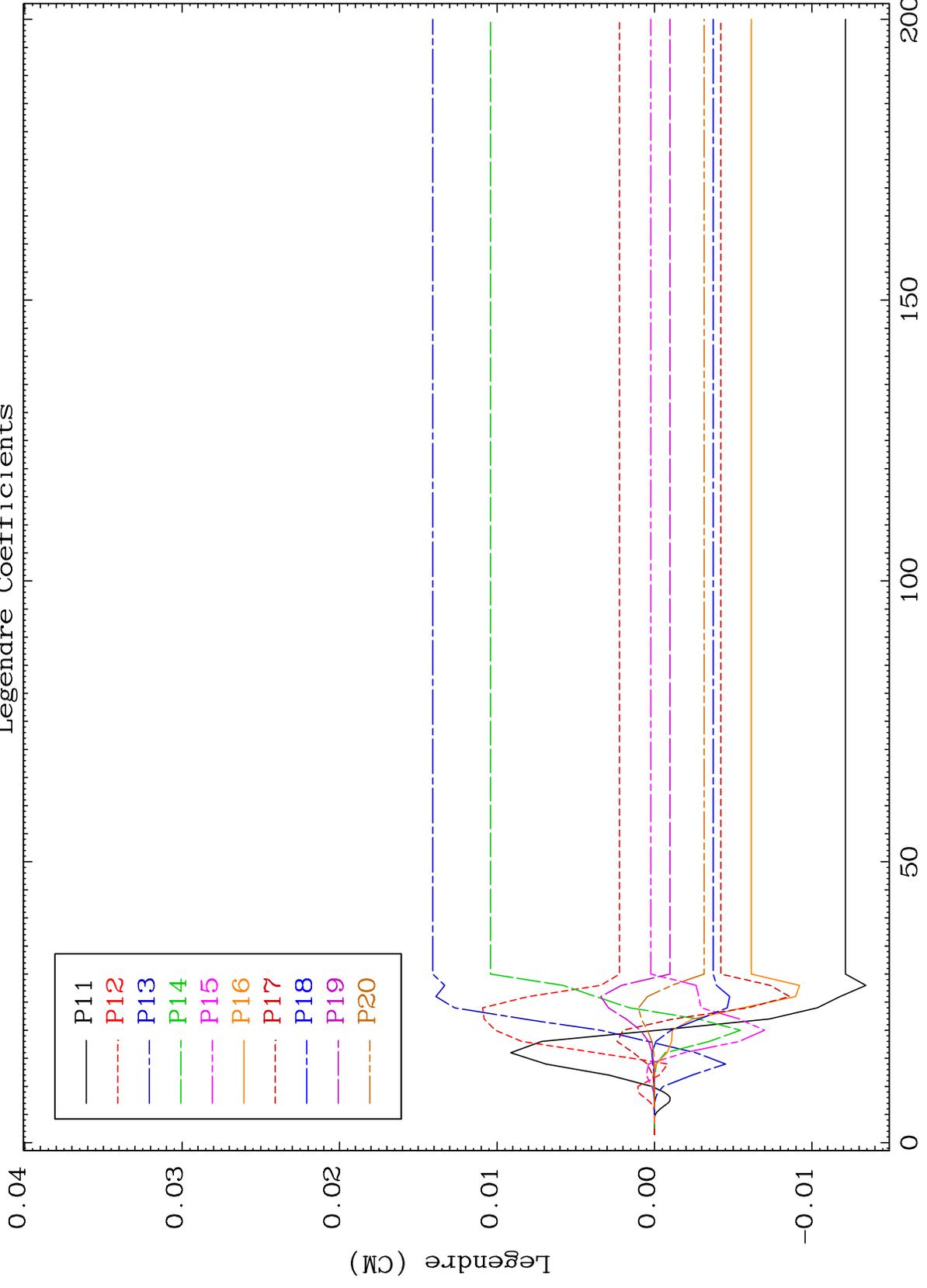
86-Rn-200

MAT 8592 MT= 52 (n,n') Level Legendre Coefficients 86-Rn-200



22 86-Rn-200

MAT 8592 MT= 52 (n,n') Level Legendre Coefficients 86-Rn-200



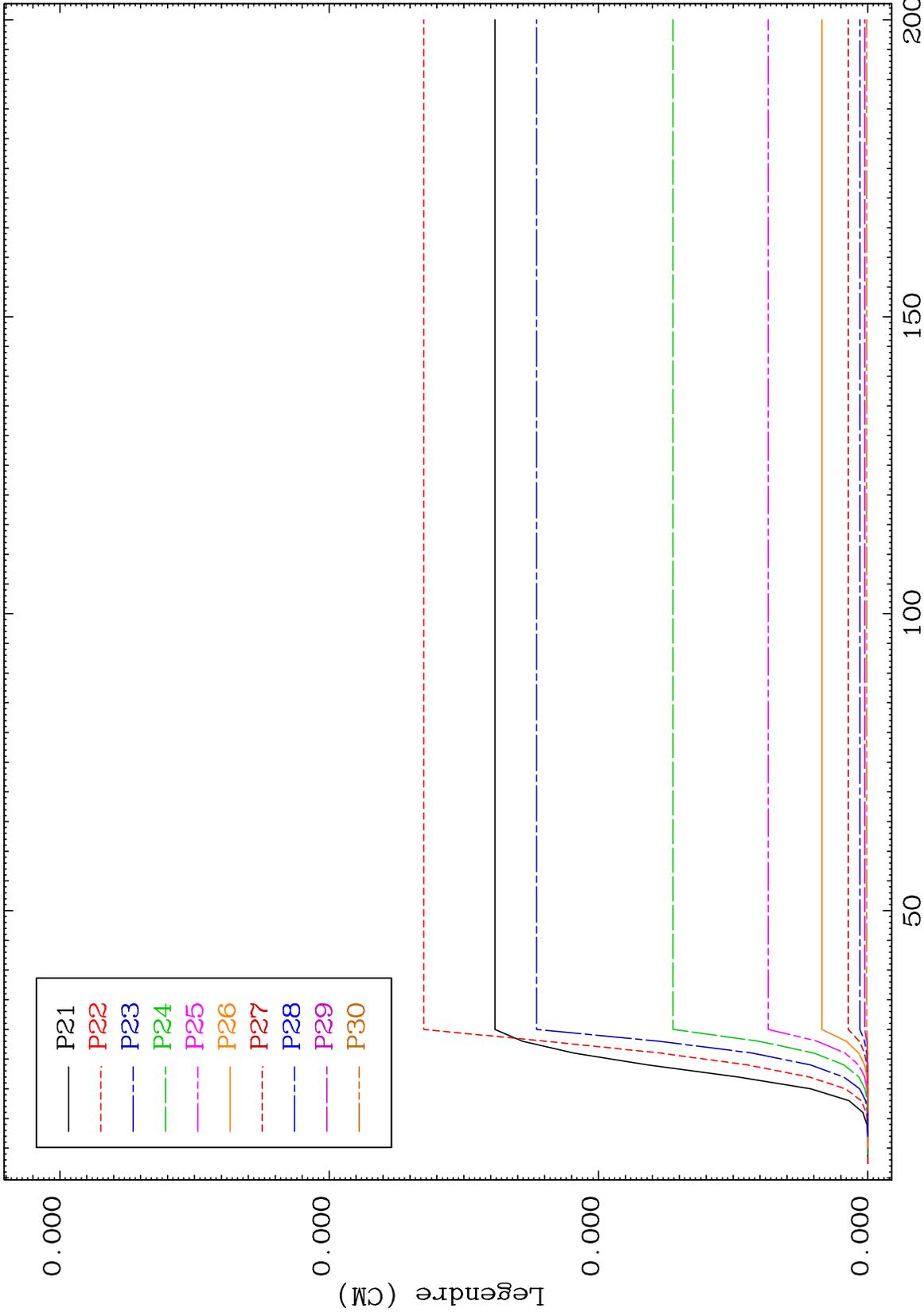
86-Rn-200

Incident Energy (MeV)

MAT 8592

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

86-Rn-200



24

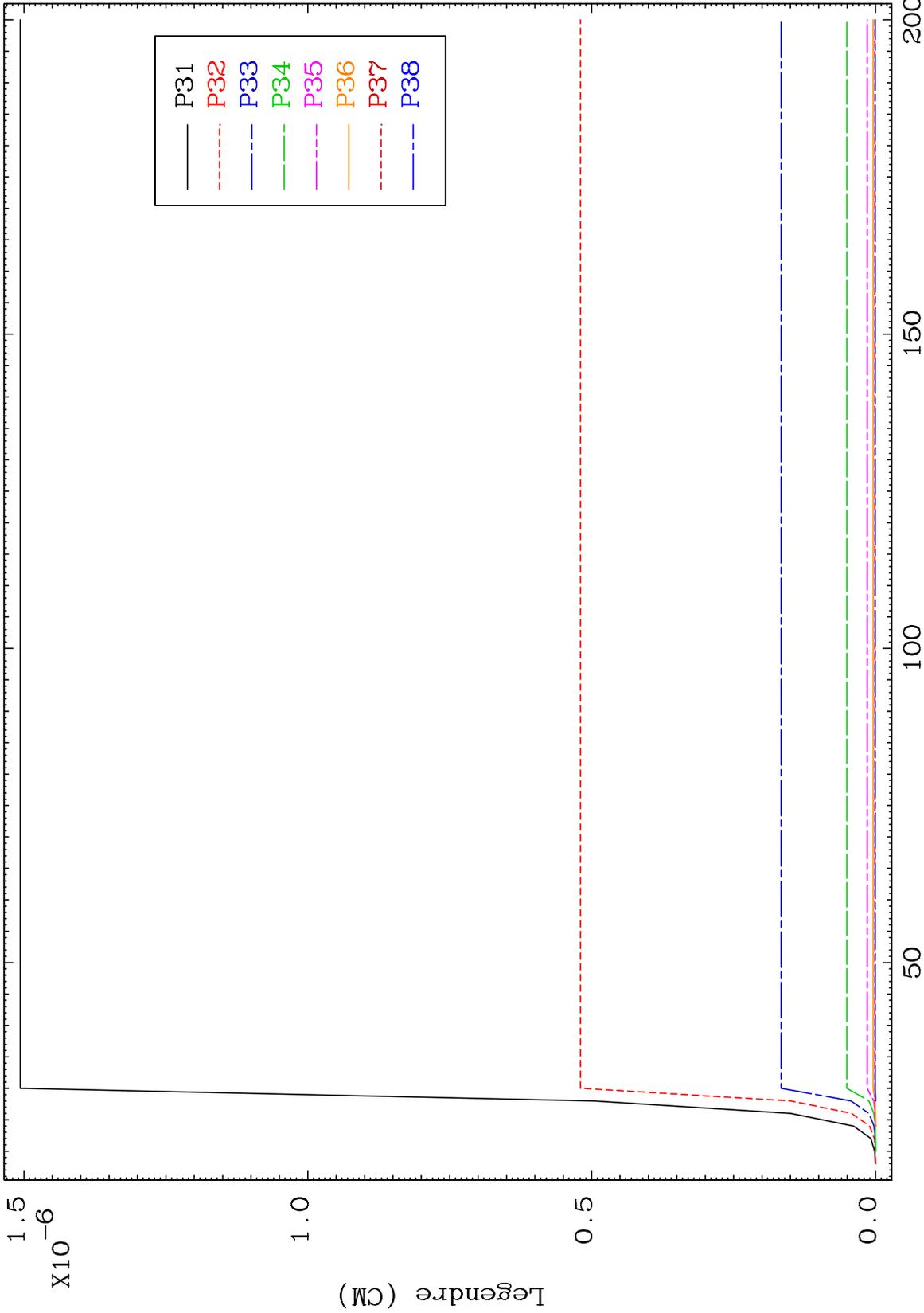
Incident Energy (MeV)

86-Rn-200

MAT 8592

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

86-Rn-200



25

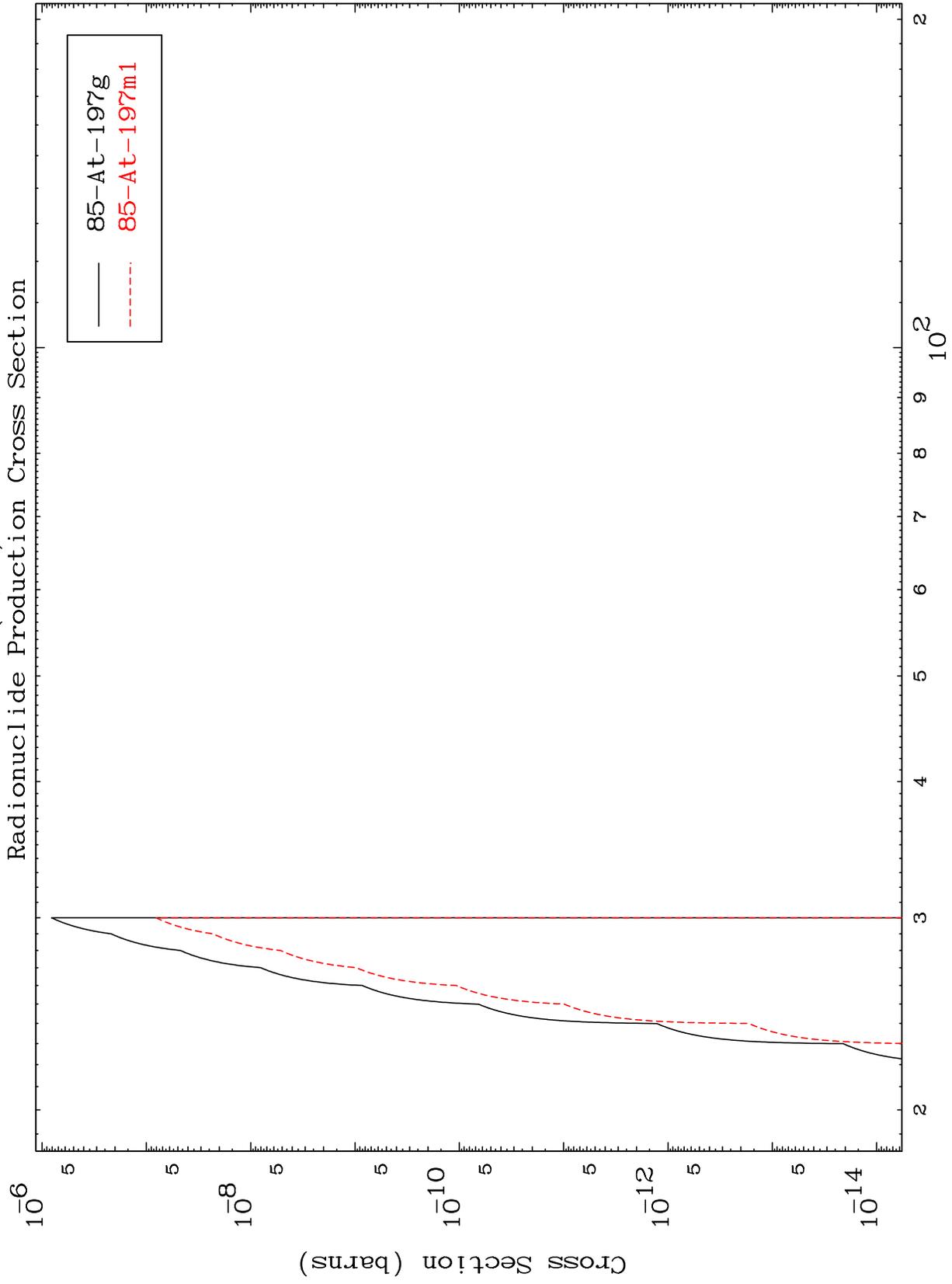
Incident Energy (MeV)

86-Rn-200

MAT 8592

(n,2n) d

86-Rn-200



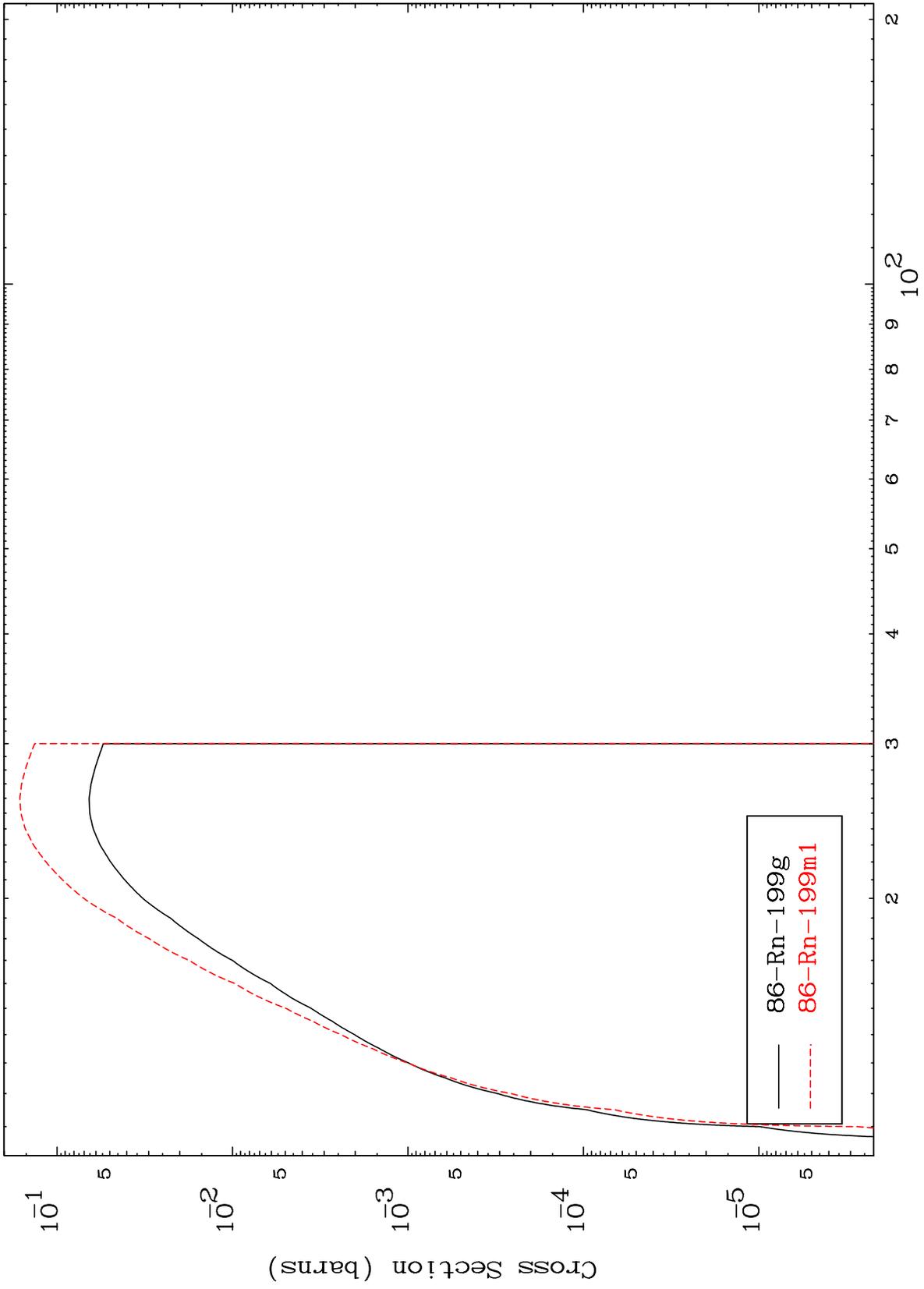
26

86-Rn-200

MAT 8592

86-Rn-200

(n,2n)
Radionuclide Production Cross Section



27

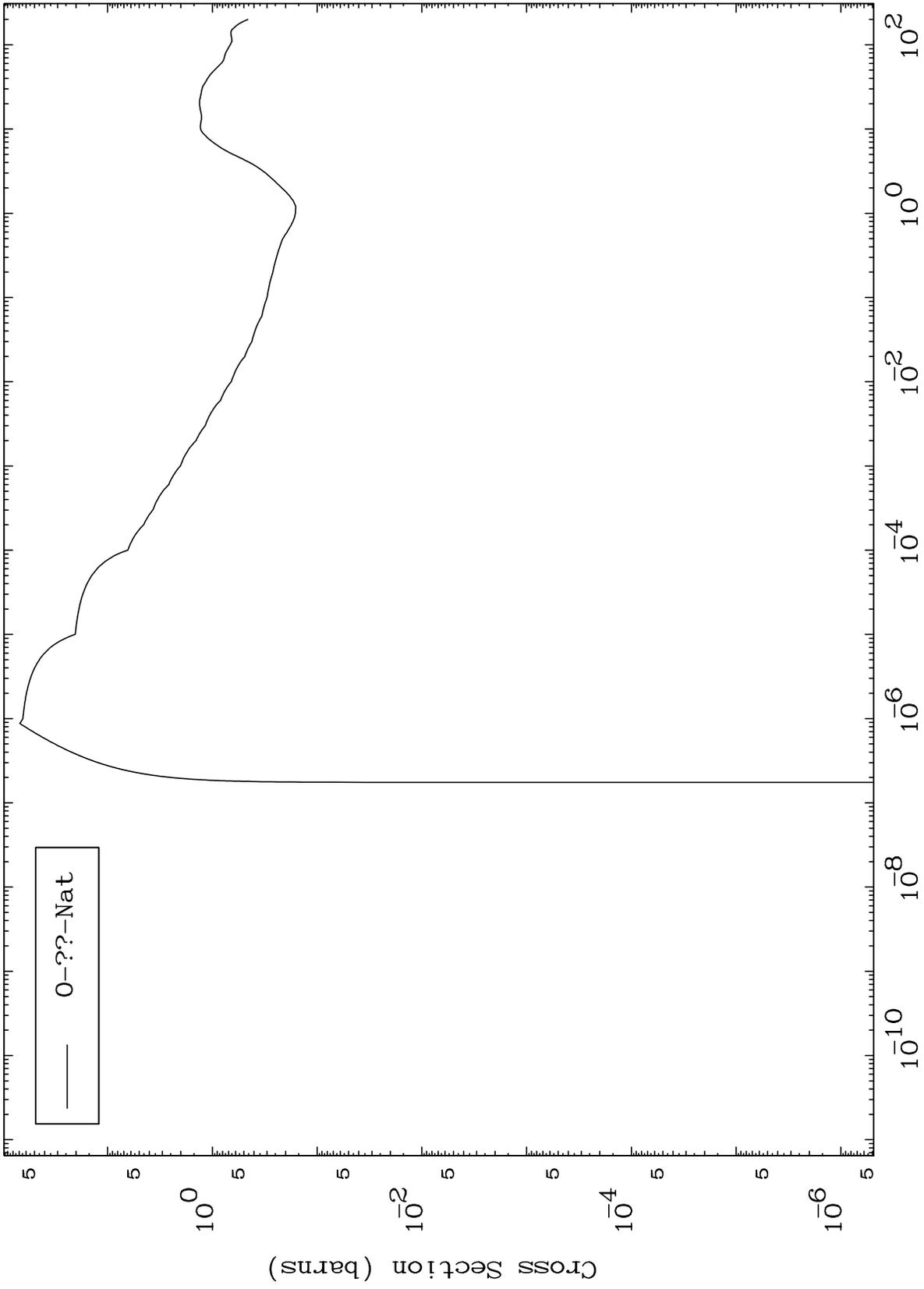
Incident Energy (MeV)

86-Rn-200

MAT 8592

Fission
Radionuclide Production Cross Section

86-Rn-200



28

Incident Energy (MeV)

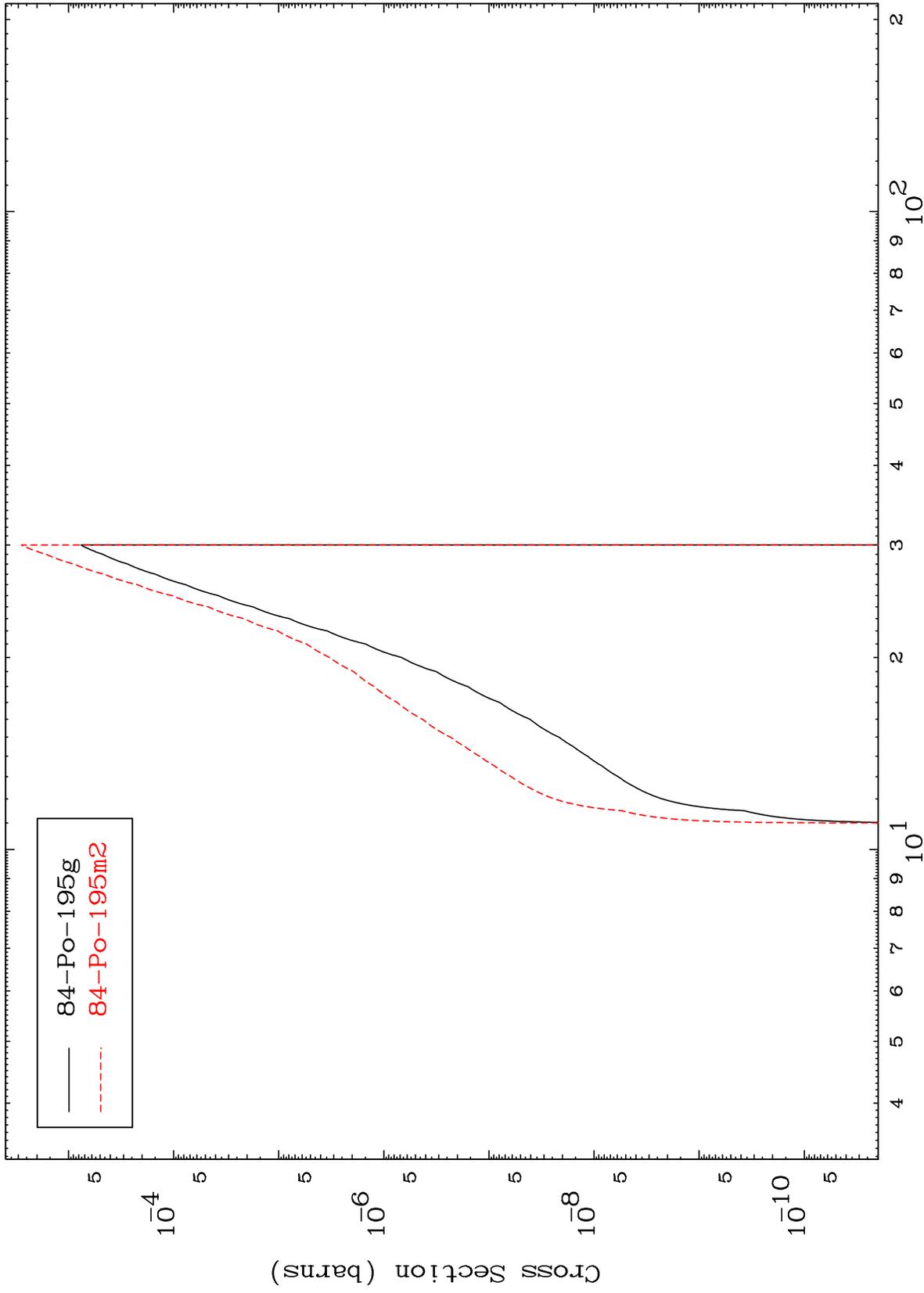
86-Rn-200

MAT 8592

(n,2n) α

86-Rn-200

Radionuclide Production Cross Section



29

Incident Energy (MeV)

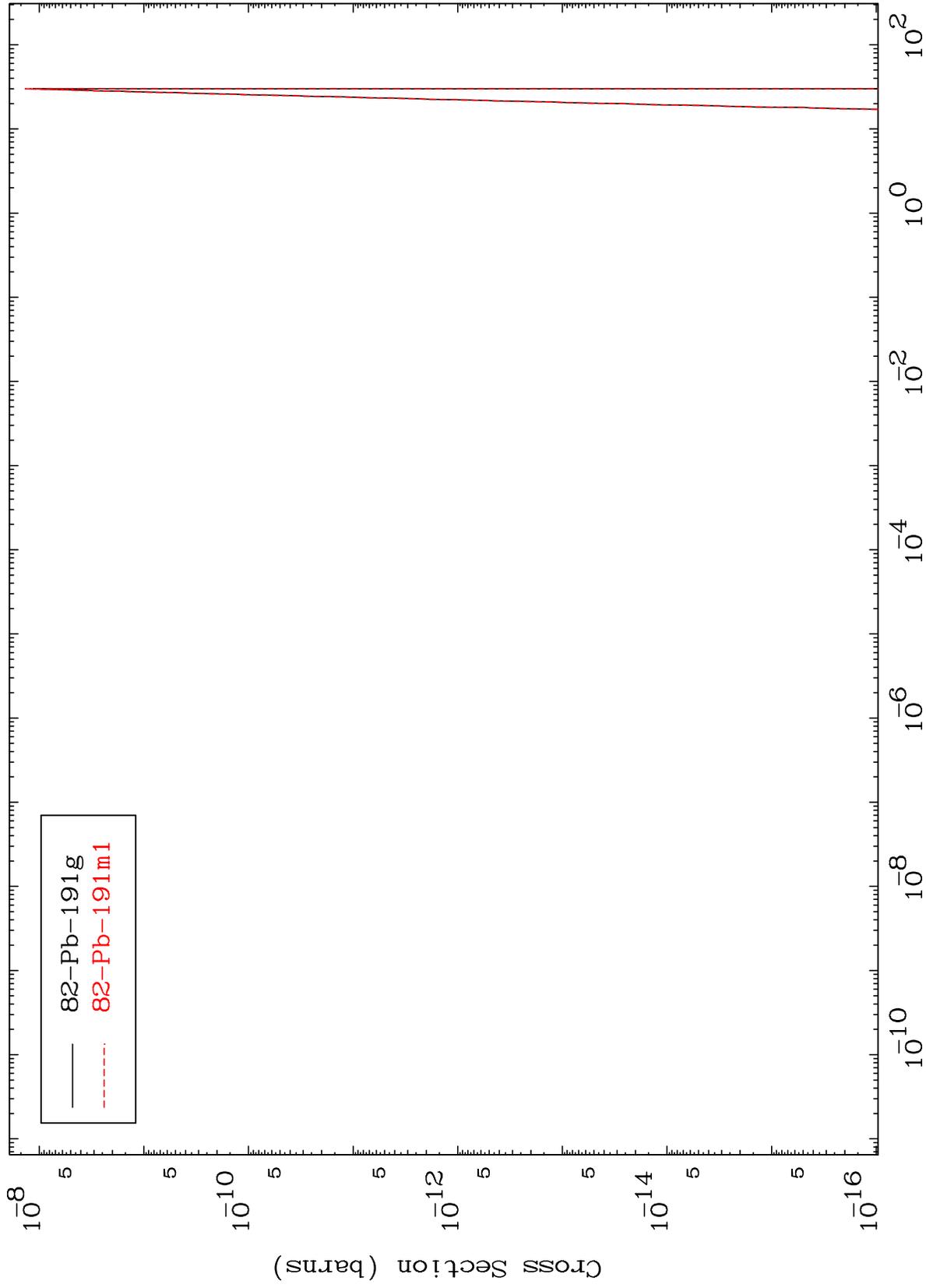
86-Rn-200

MAT 8592

(n,2n) 2 α

86-Rn-200

Radionuclide Production Cross Section



30

Incident Energy (MeV)

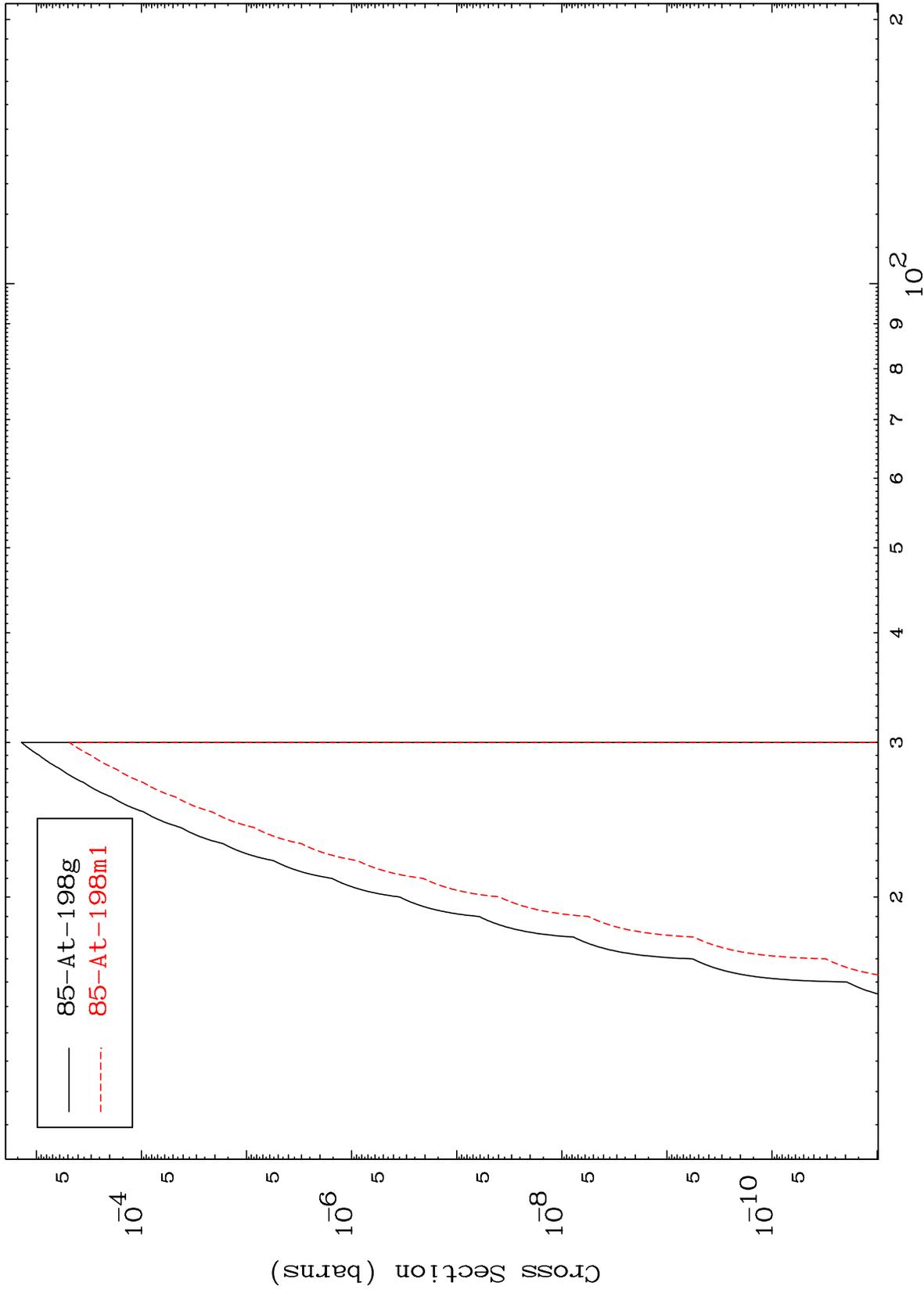
86-Rn-200

MAT 8592

(n,n') d

86-Rn-200

Radionuclide Production Cross Section



31

Incident Energy (MeV)

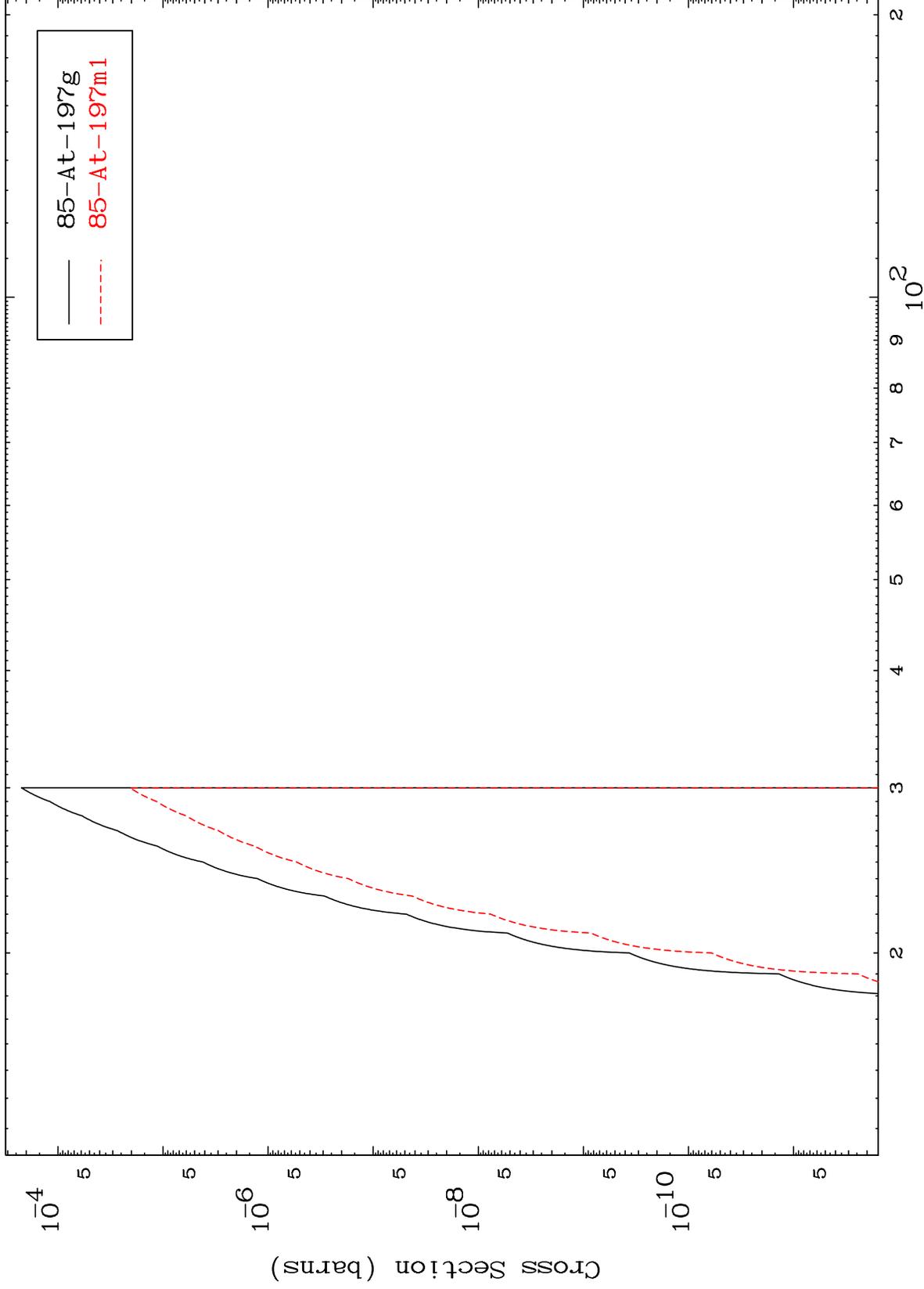
86-Rn-200

MAT 8592

(n,n') t

86-Rn-200

Radionuclide Production Cross Section



32

Incident Energy (MeV)

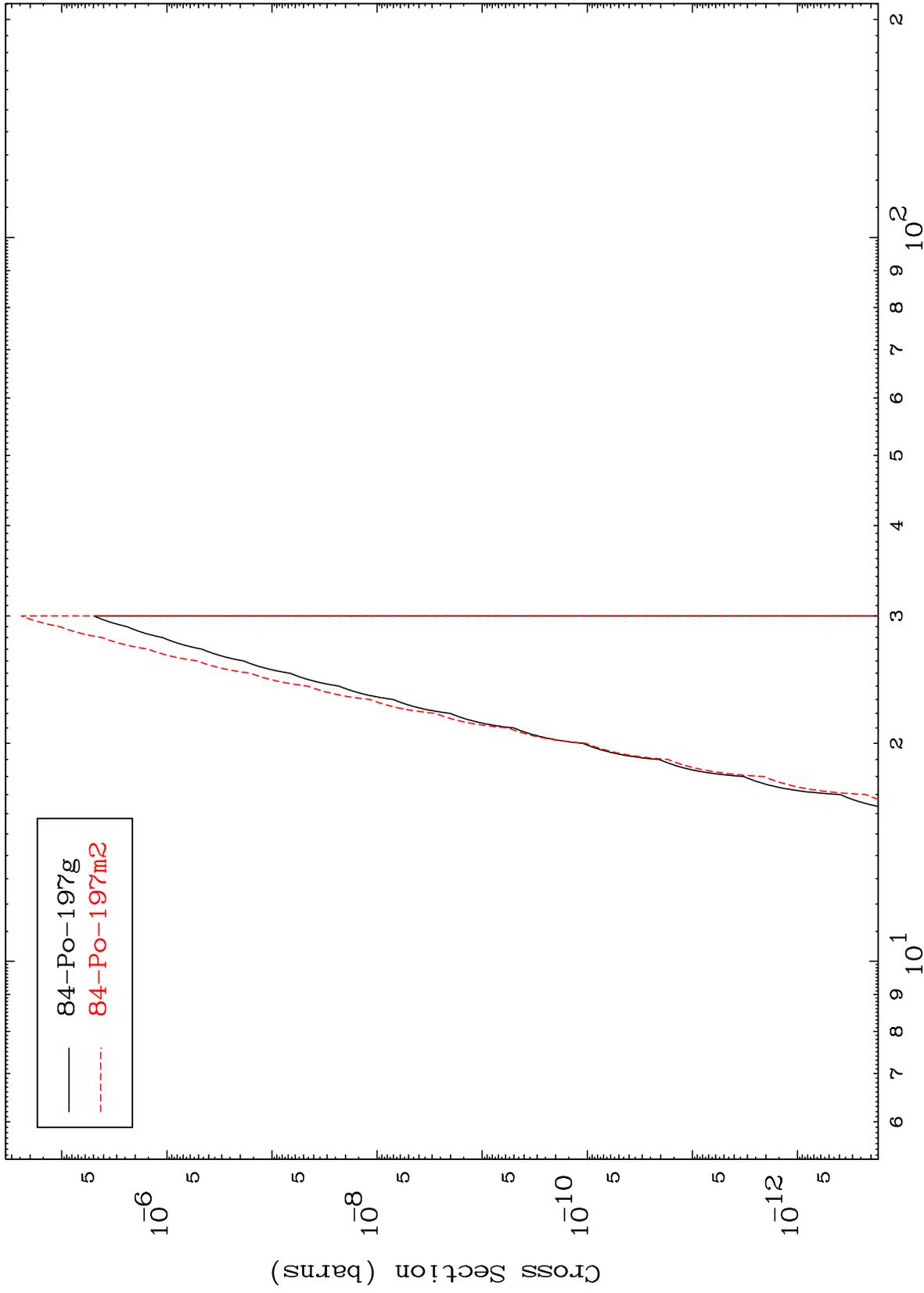
86-Rn-200

MAT 8592

(n, n') He-3

86-Rn-200

Radionuclide Production Cross Section



33

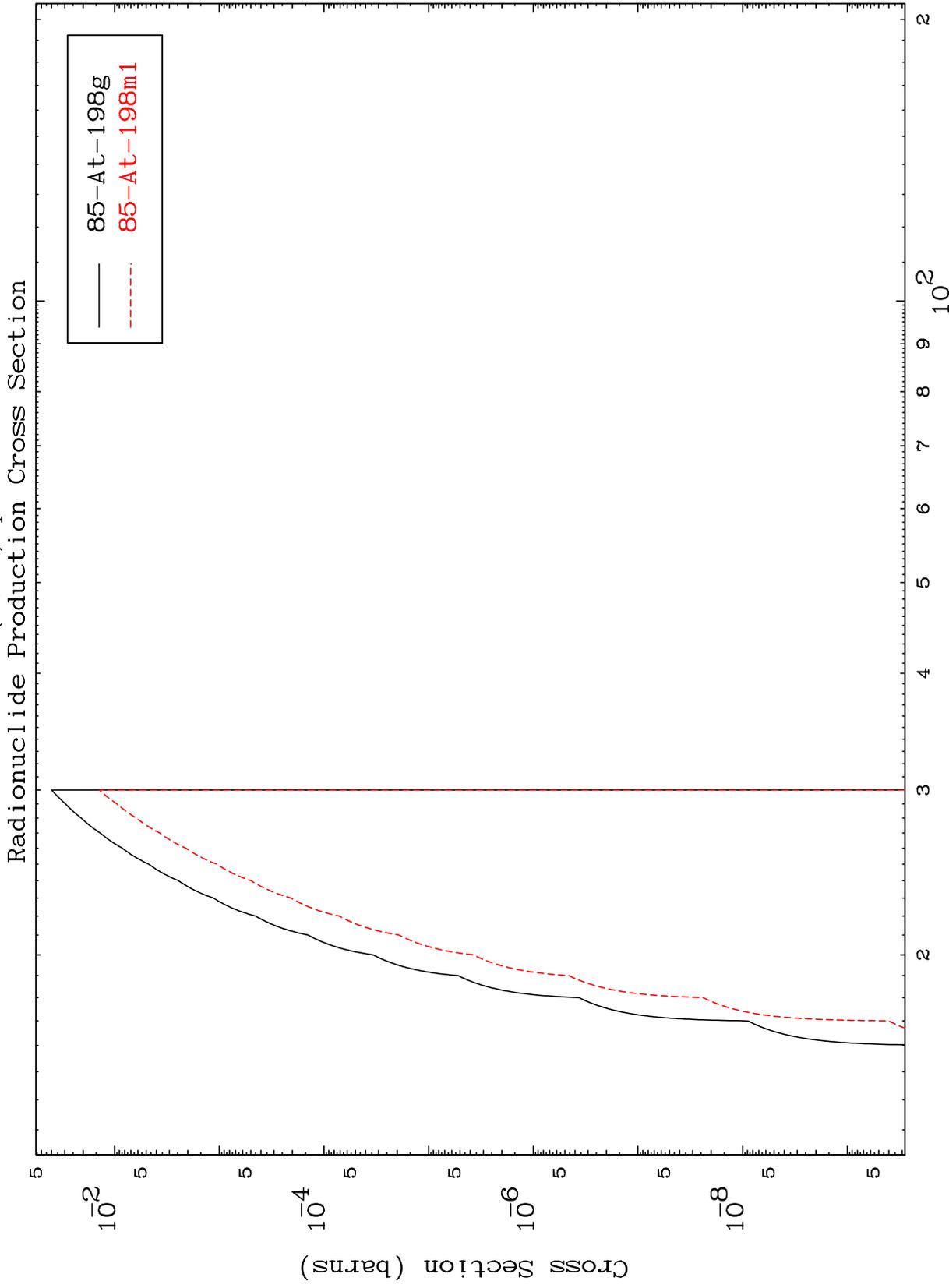
Incident Energy (MeV)

86-Rn-200

MAT 8592

(n,2n) p

86-Rn-200



34

Incident Energy (MeV)

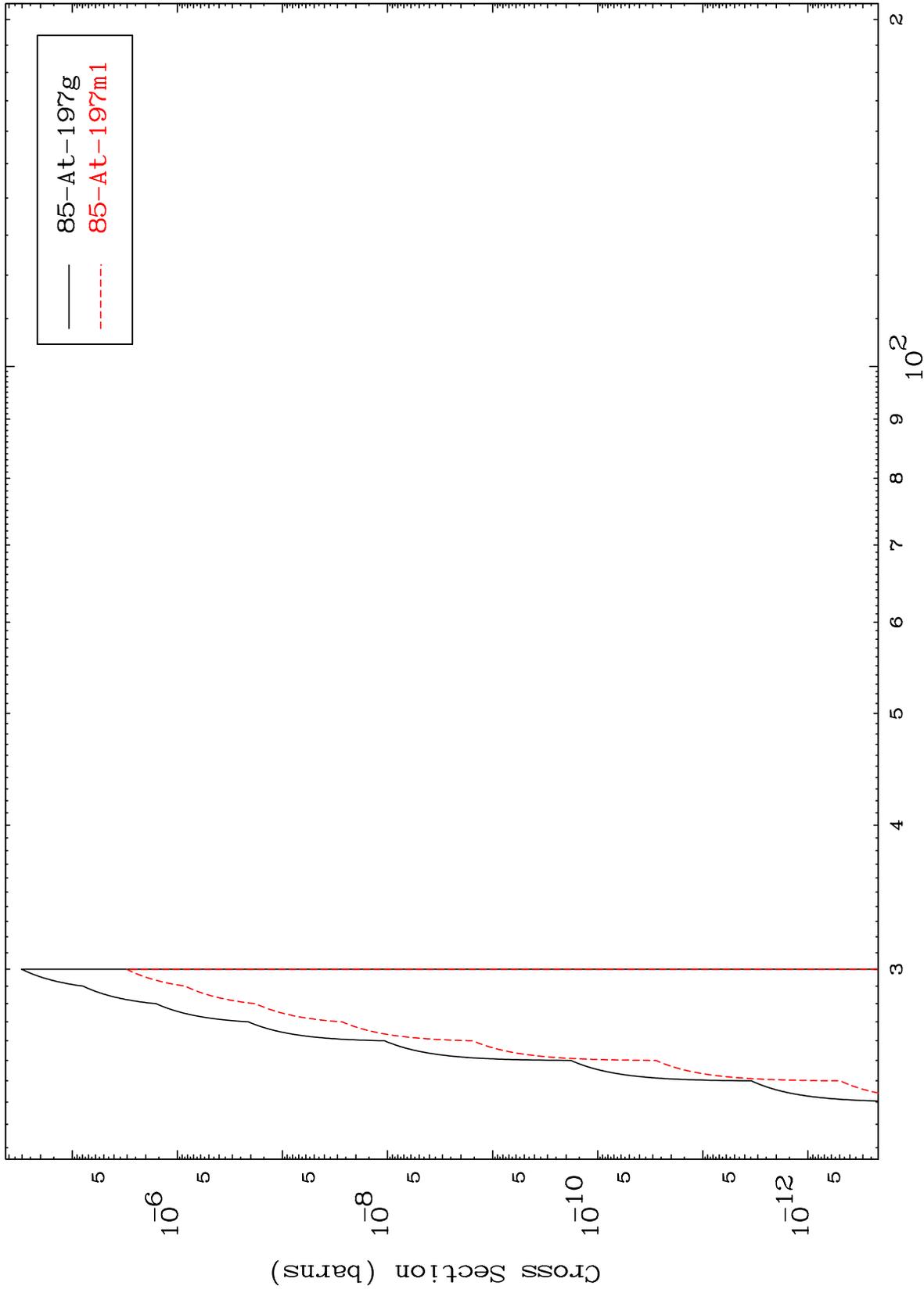
86-Rn-200

MAT 8592

(n,3n) p

86-Rn-200

Radionuclide Production Cross Section



35

Incident Energy (MeV)

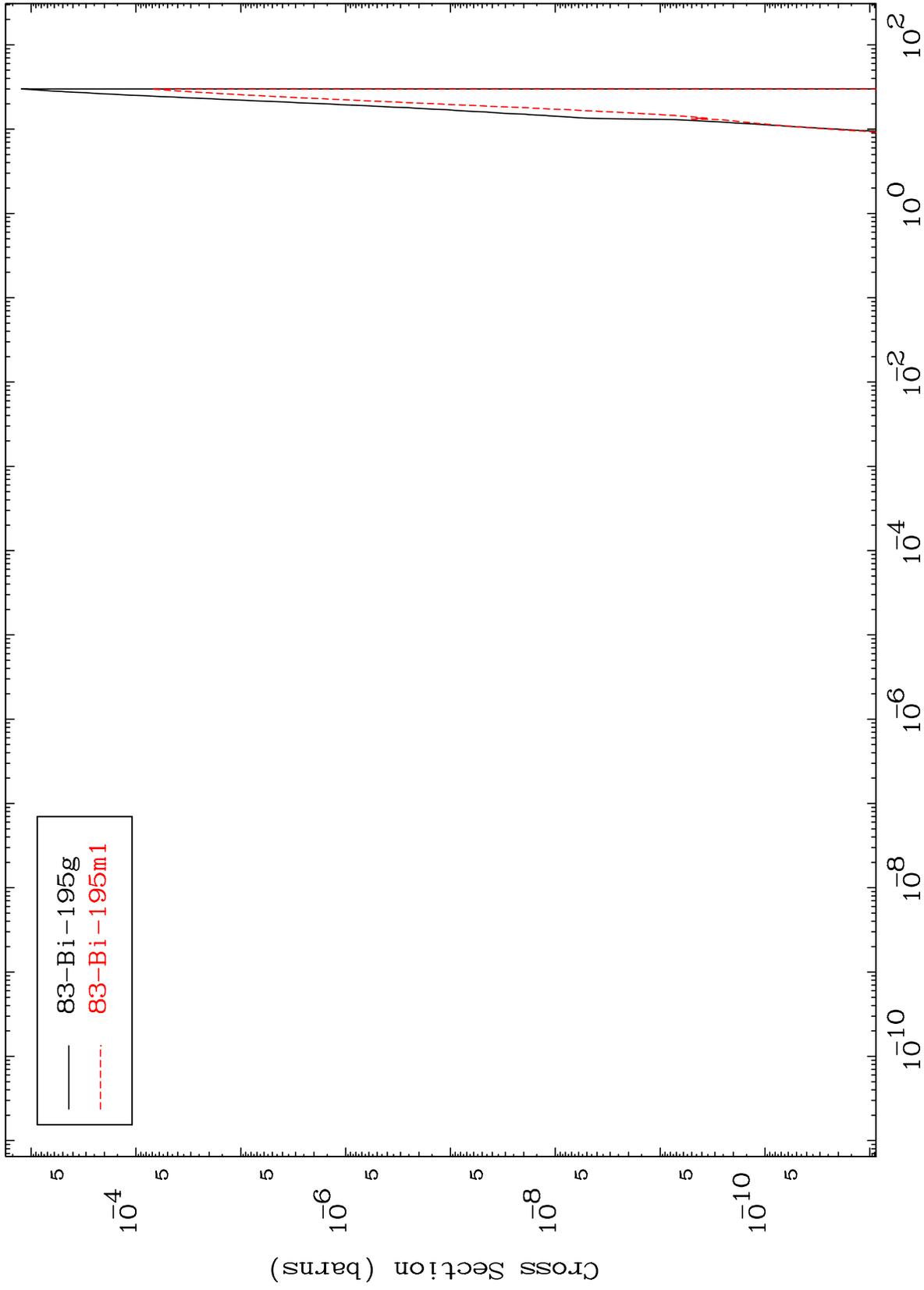
86-Rn-200

MAT 8592

(n,n') p α

86-Rn-200

Radionuclide Production Cross Section



36

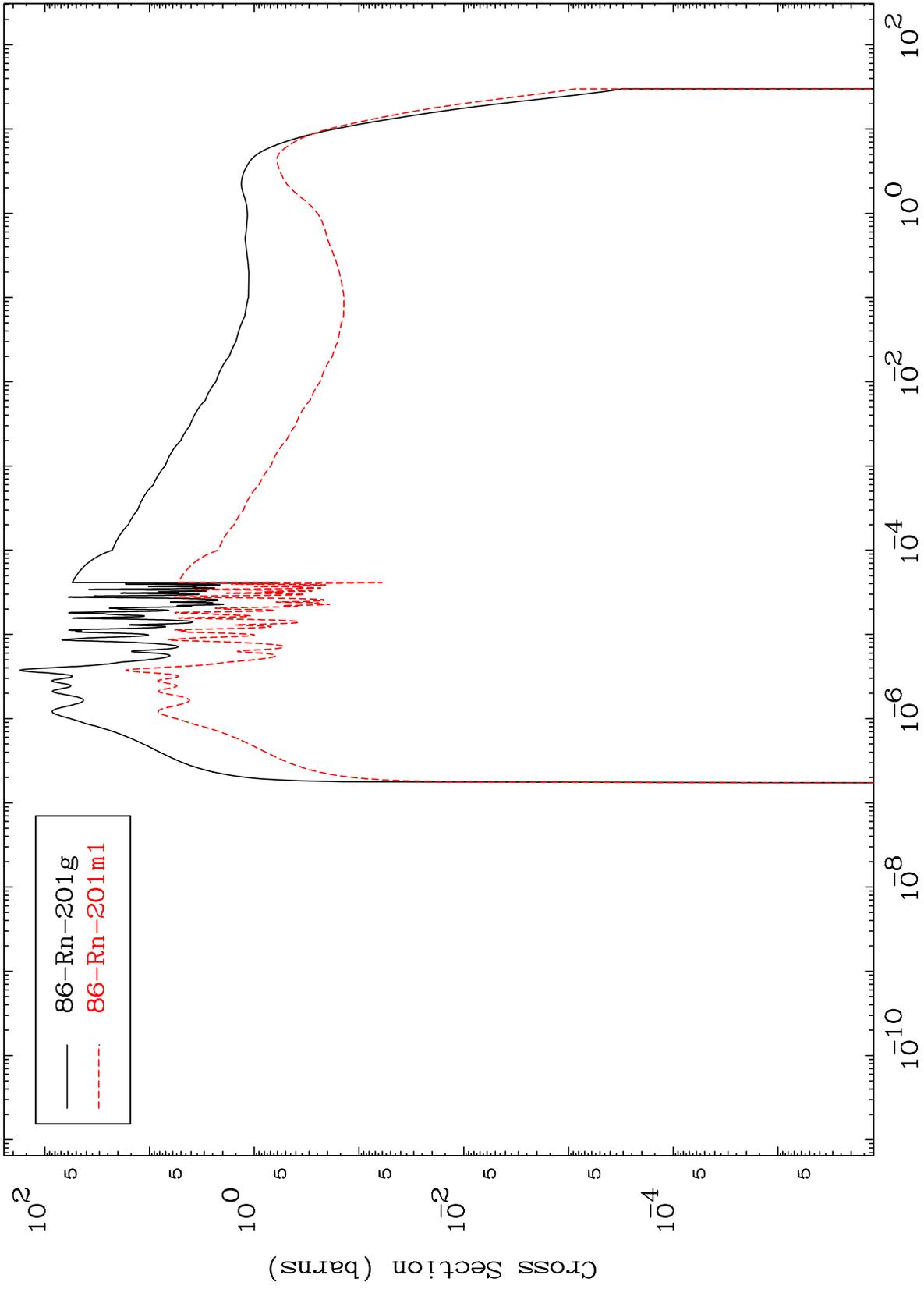
Incident Energy (MeV)

86-Rn-200

MAT 8592

86-Rn-200

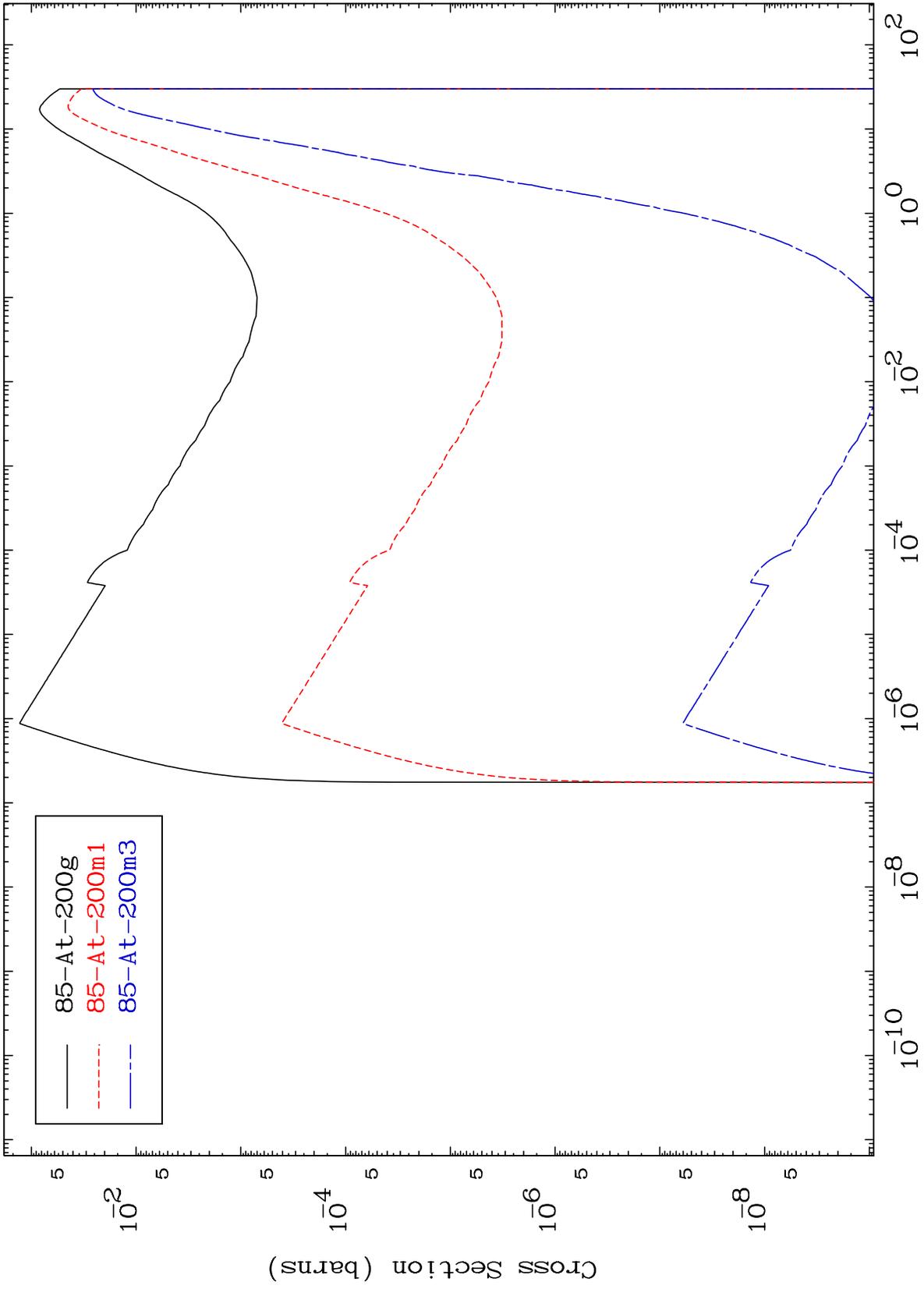
Radionuclide Production Cross Section



MAT 8592

86-Rn-200

(n,p)
Radionuclide Production Cross Section

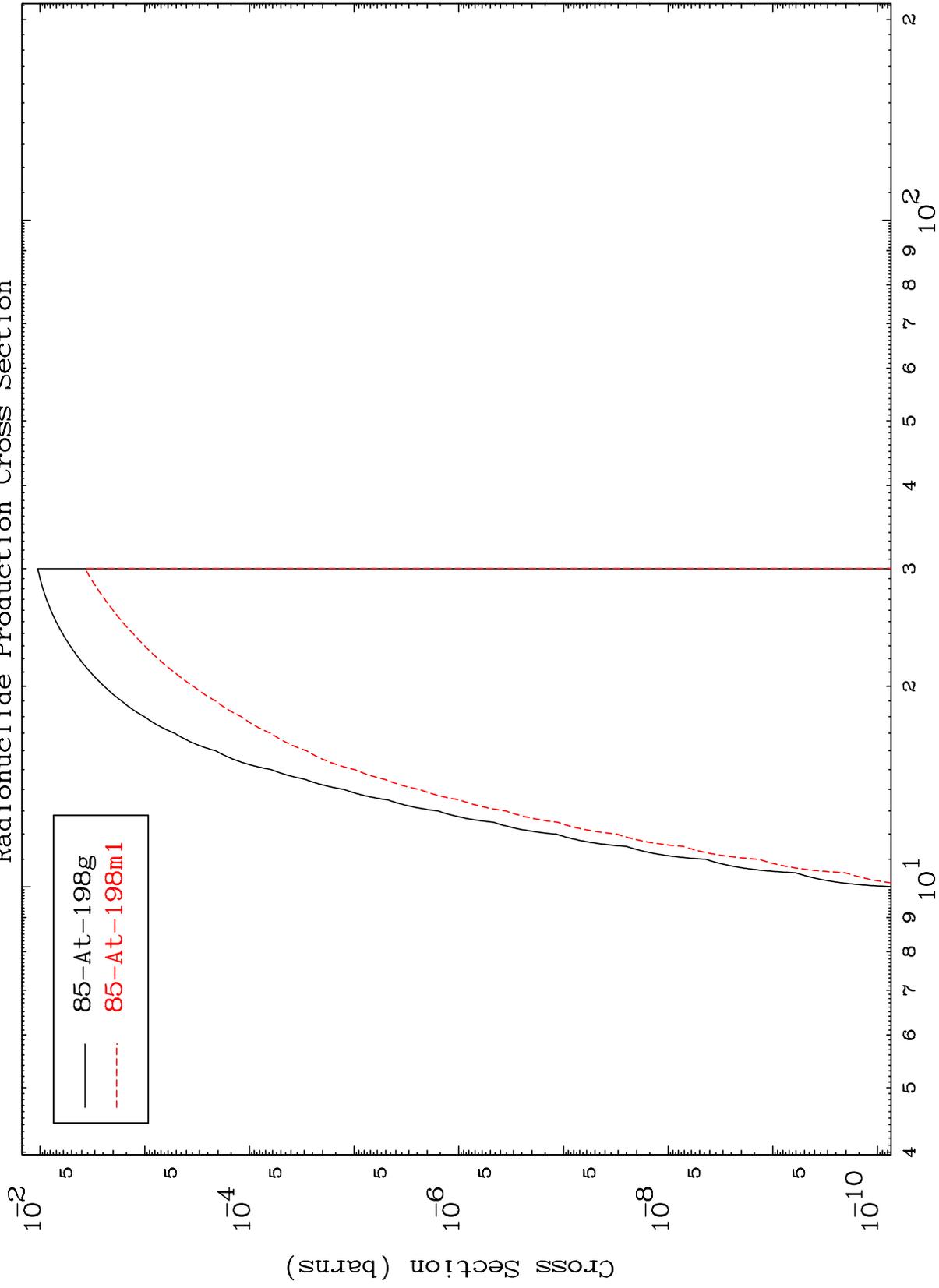


85-At-200g
85-At-200m1
85-At-200m3

MAT 8592

86-Rn-200

Radionuclide Production Cross Section



39

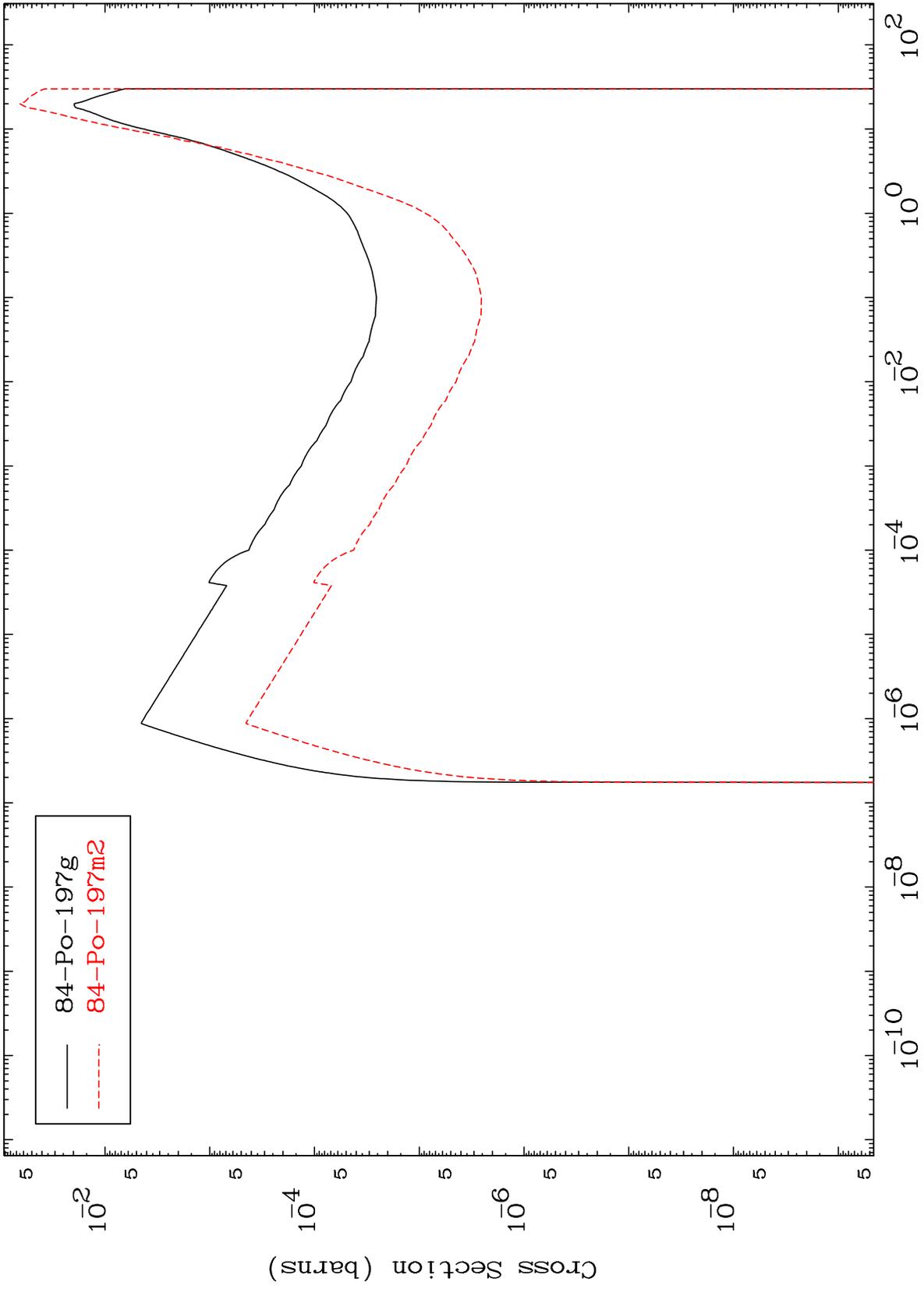
Incident Energy (MeV)

86-Rn-200

MAT 8592

86-Rn-200

(n,α)
Radionuclide Production Cross Section



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

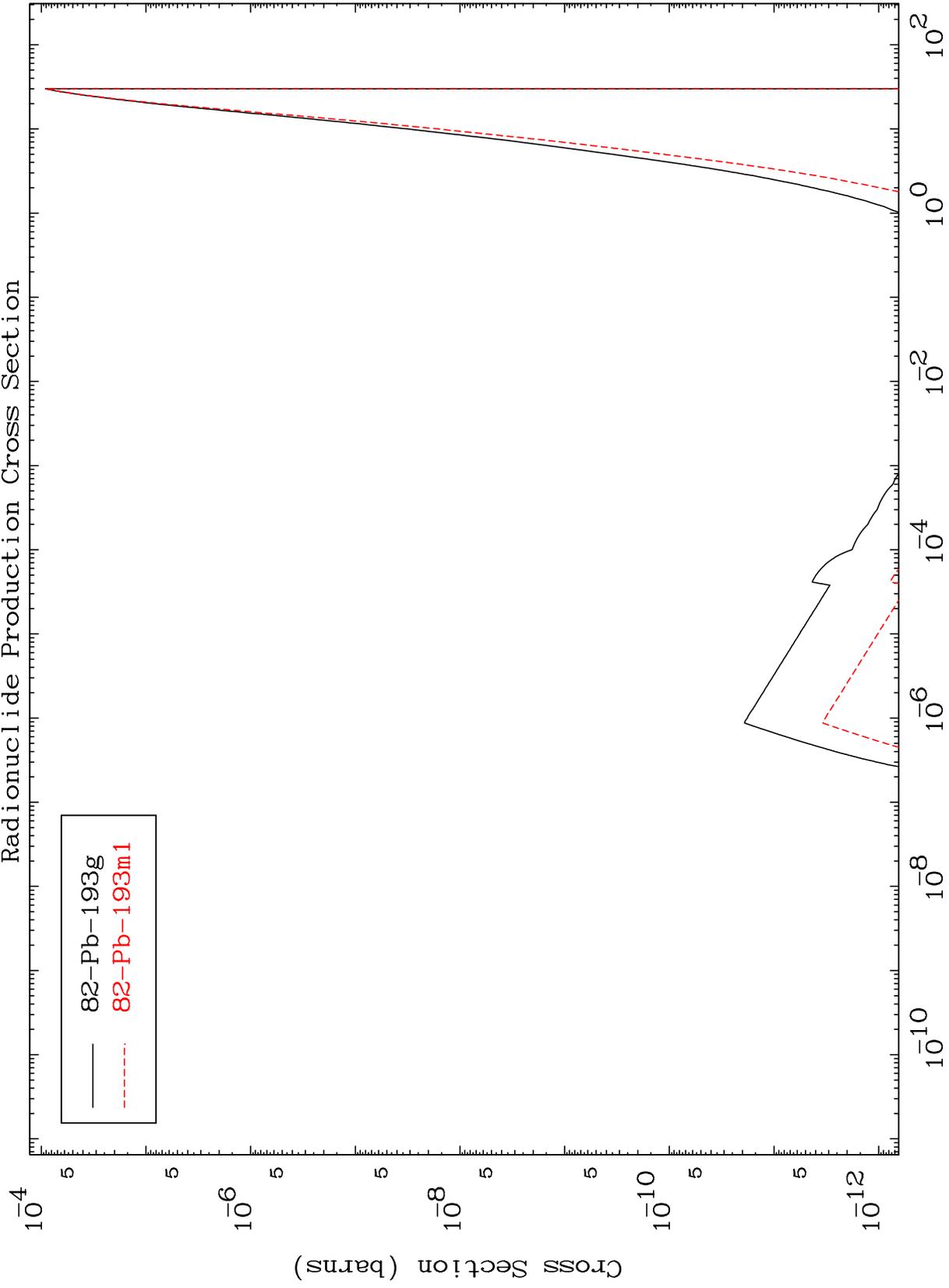
40

86-Rn-200

MAT 8592

Radionuclide Production Cross Section
(n,2α)

86-Rn-200



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

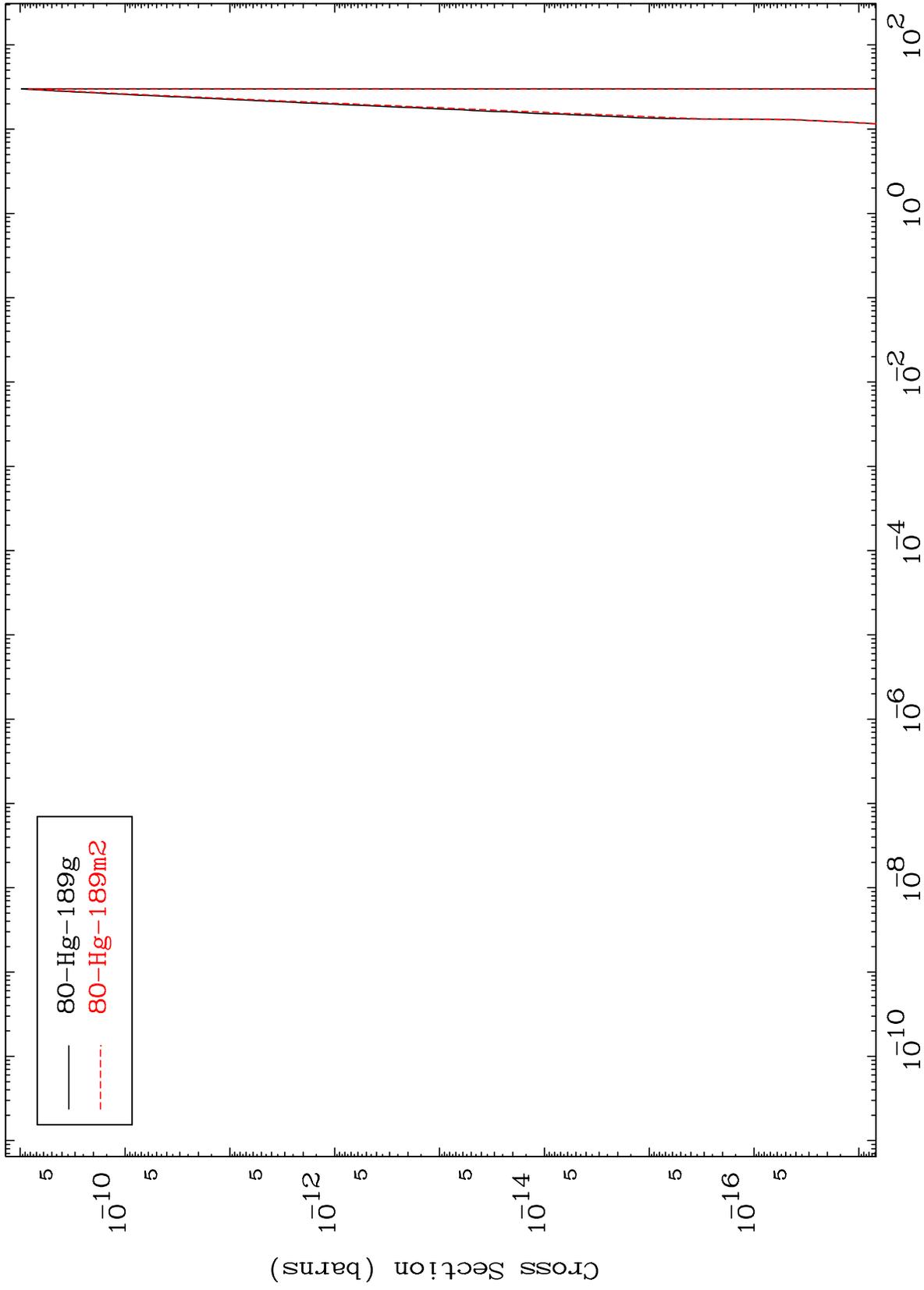
86-Rn-200

MAT 8592

(n,3α)

86-Rn-200

Radionuclide Production Cross Section



42

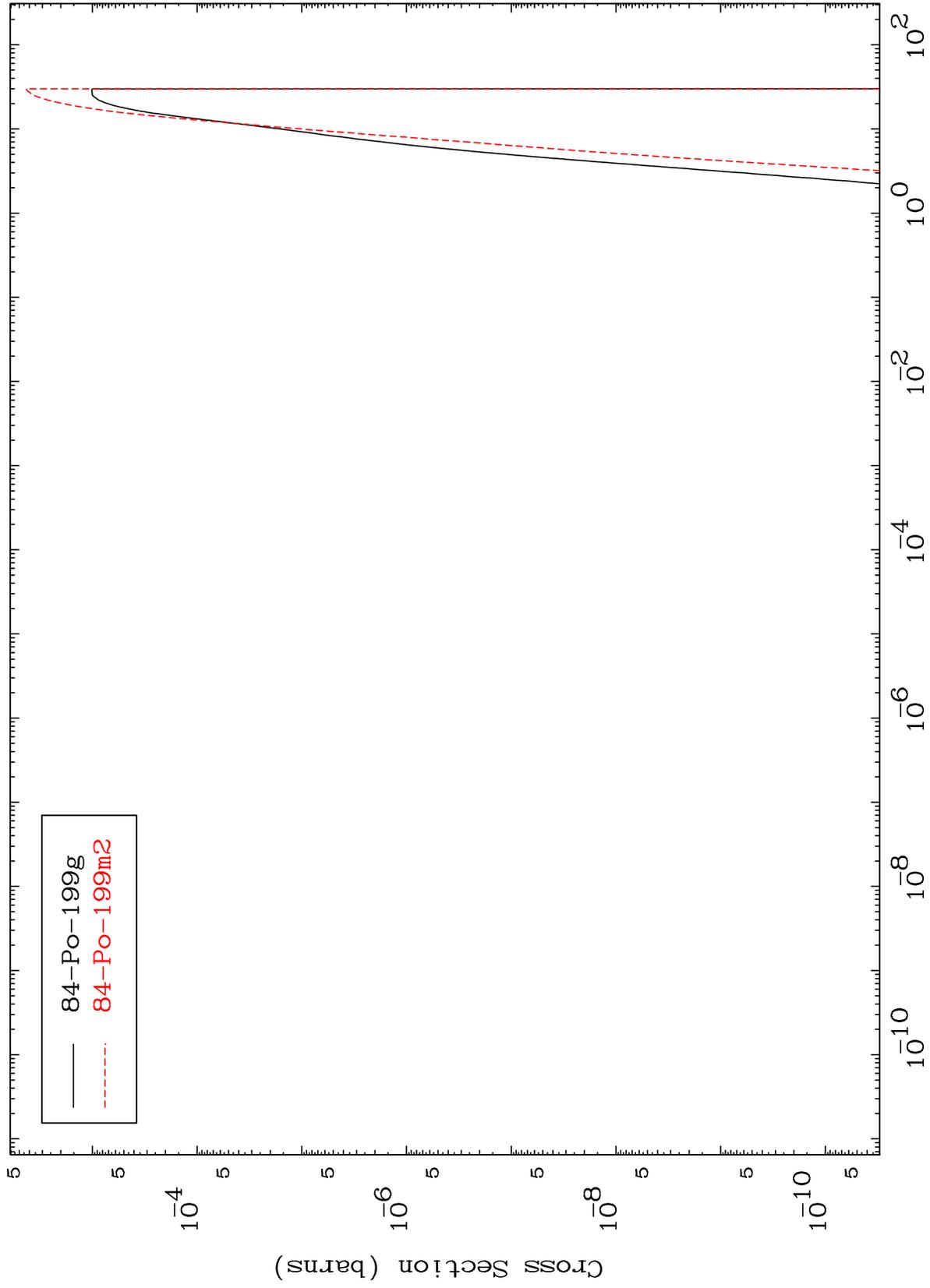
Incident Energy (MeV)

86-Rn-200

MAT 8592

Radionuclide Production Cross Section
(n,2p)

86-Rn-200



43

Incident Energy (MeV)

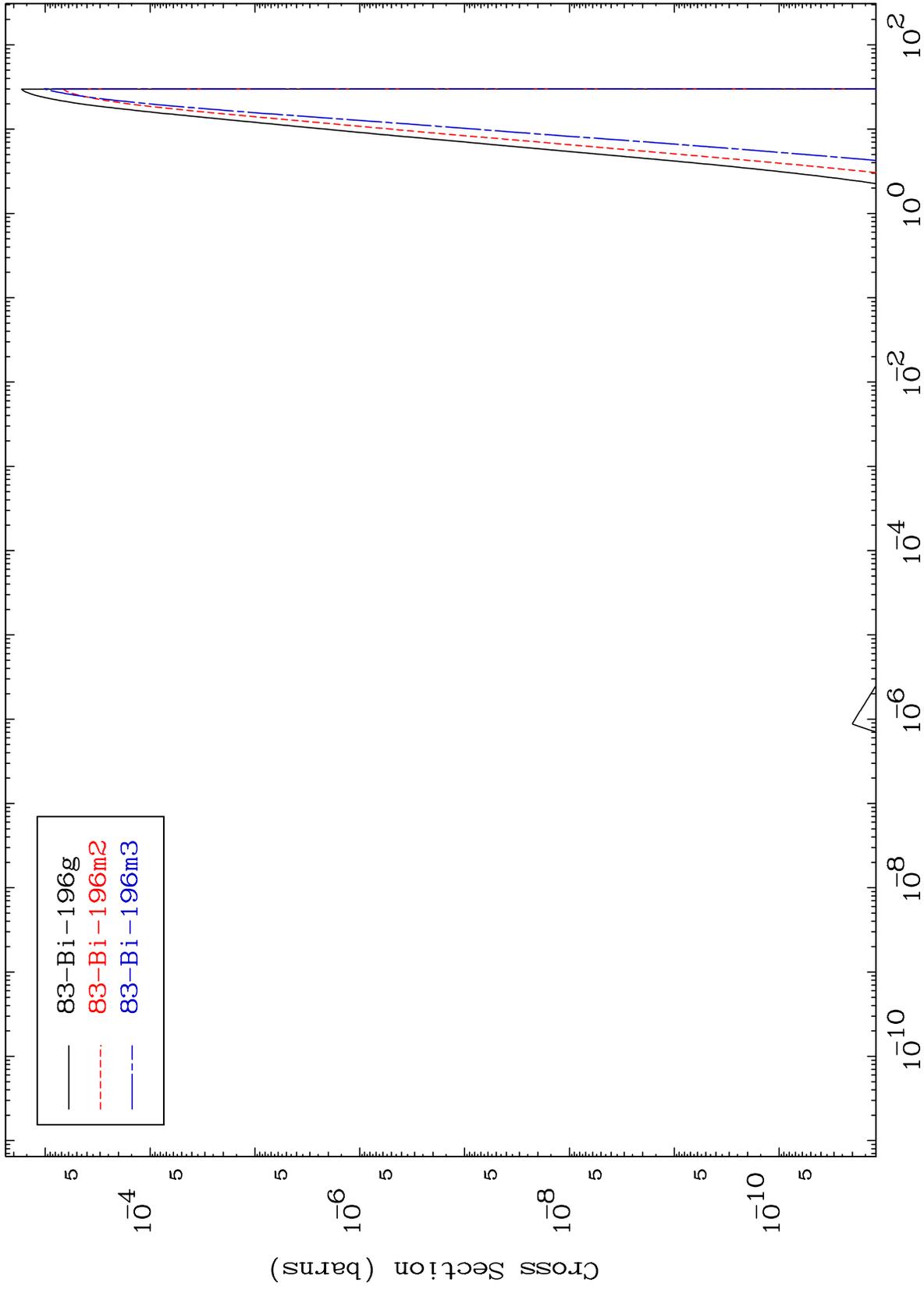
86-Rn-200

MAT 8592

$(n,p) \alpha$

$^{86}\text{Rn-200}$

Radionuclide Production Cross Section

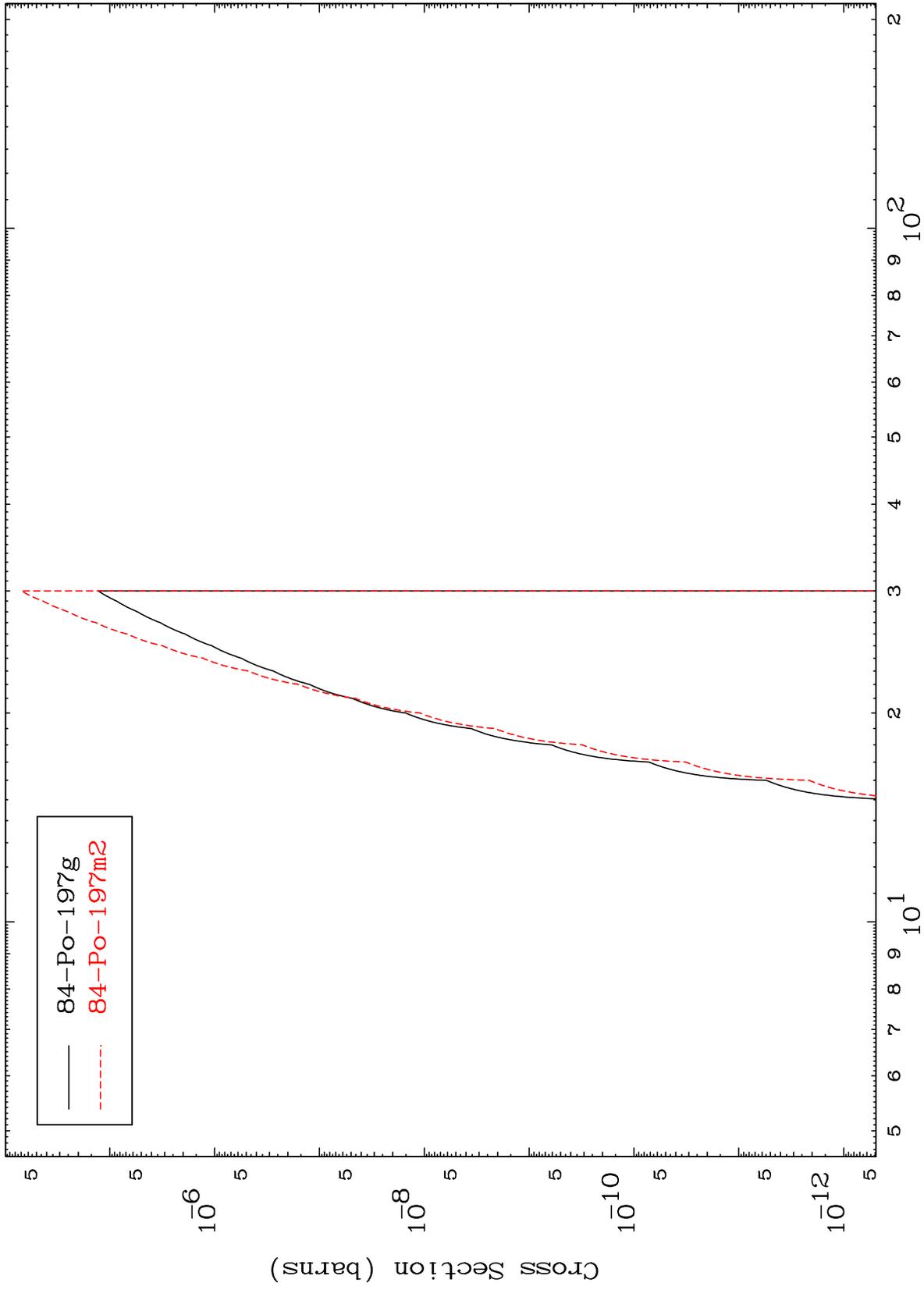


MAT 8592

(n,p) t

86-Rn-200

Radionuclide Production Cross Section



45

Incident Energy (MeV)

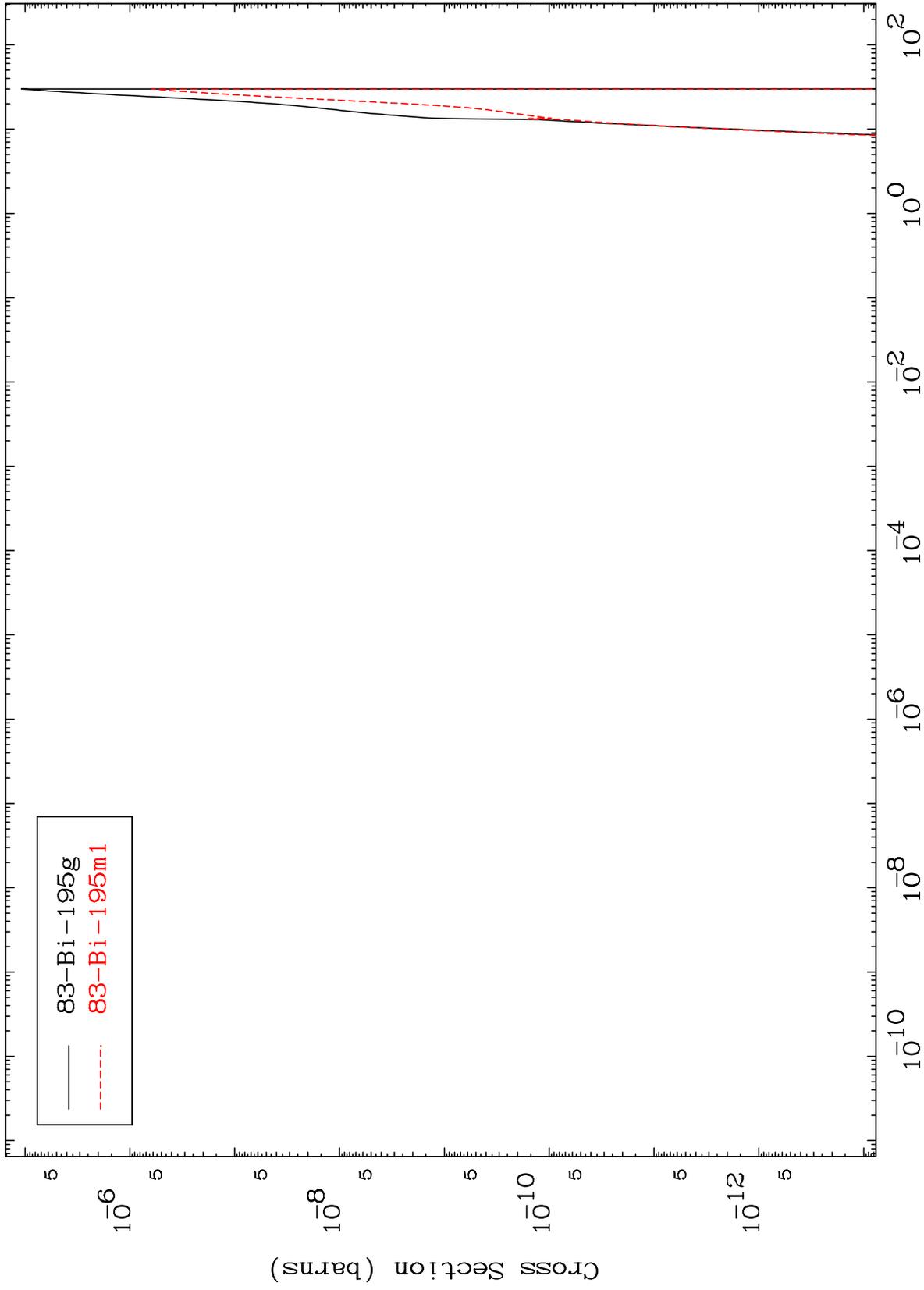
86-Rn-200

MAT 8592

(n,d) α

86-Rn-200

Radionuclide Production Cross Section



46

Incident Energy (MeV)

86-Rn-200