

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

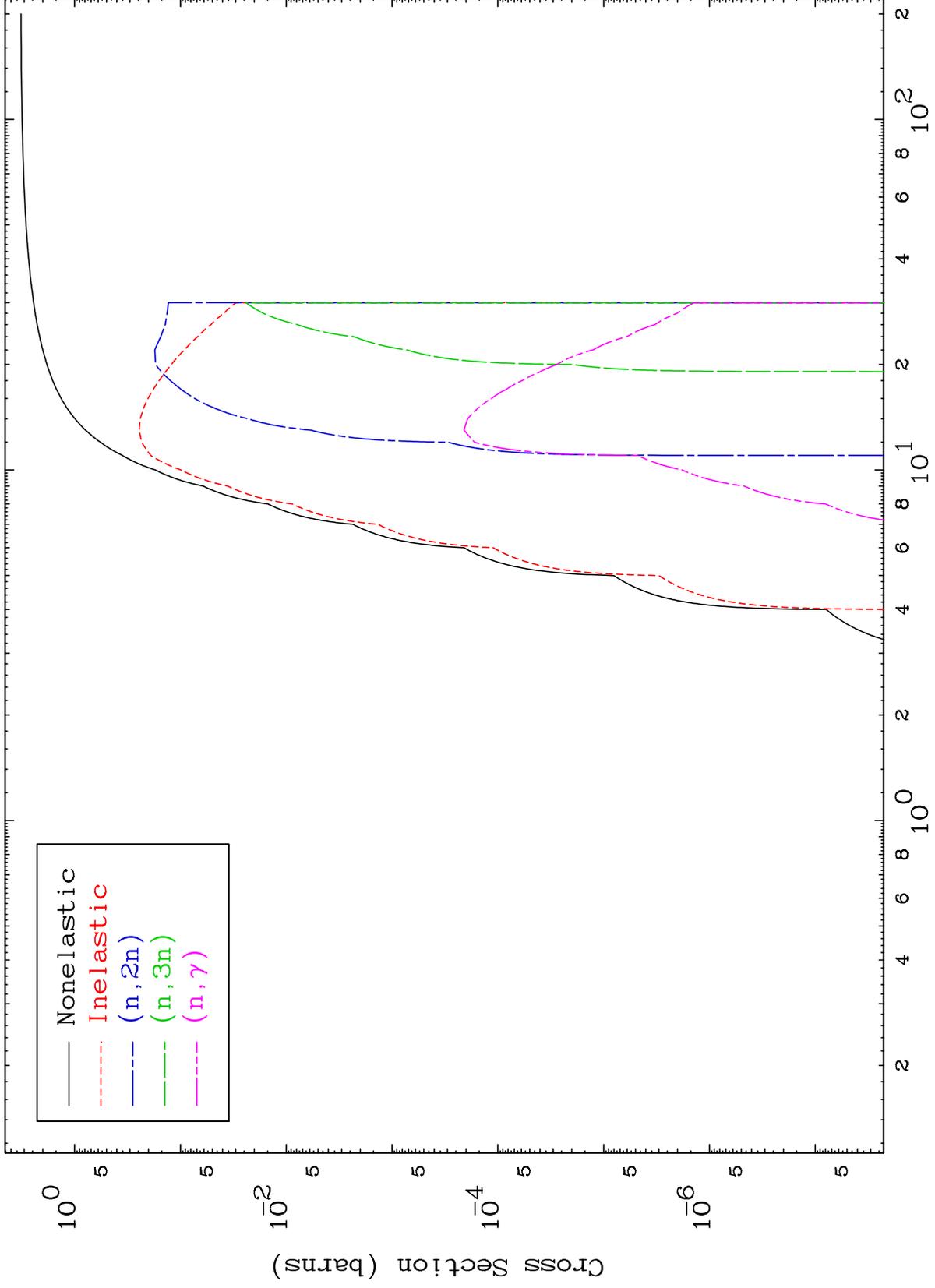
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8610

Deuteron Major
0 Kelvin Cross Sections

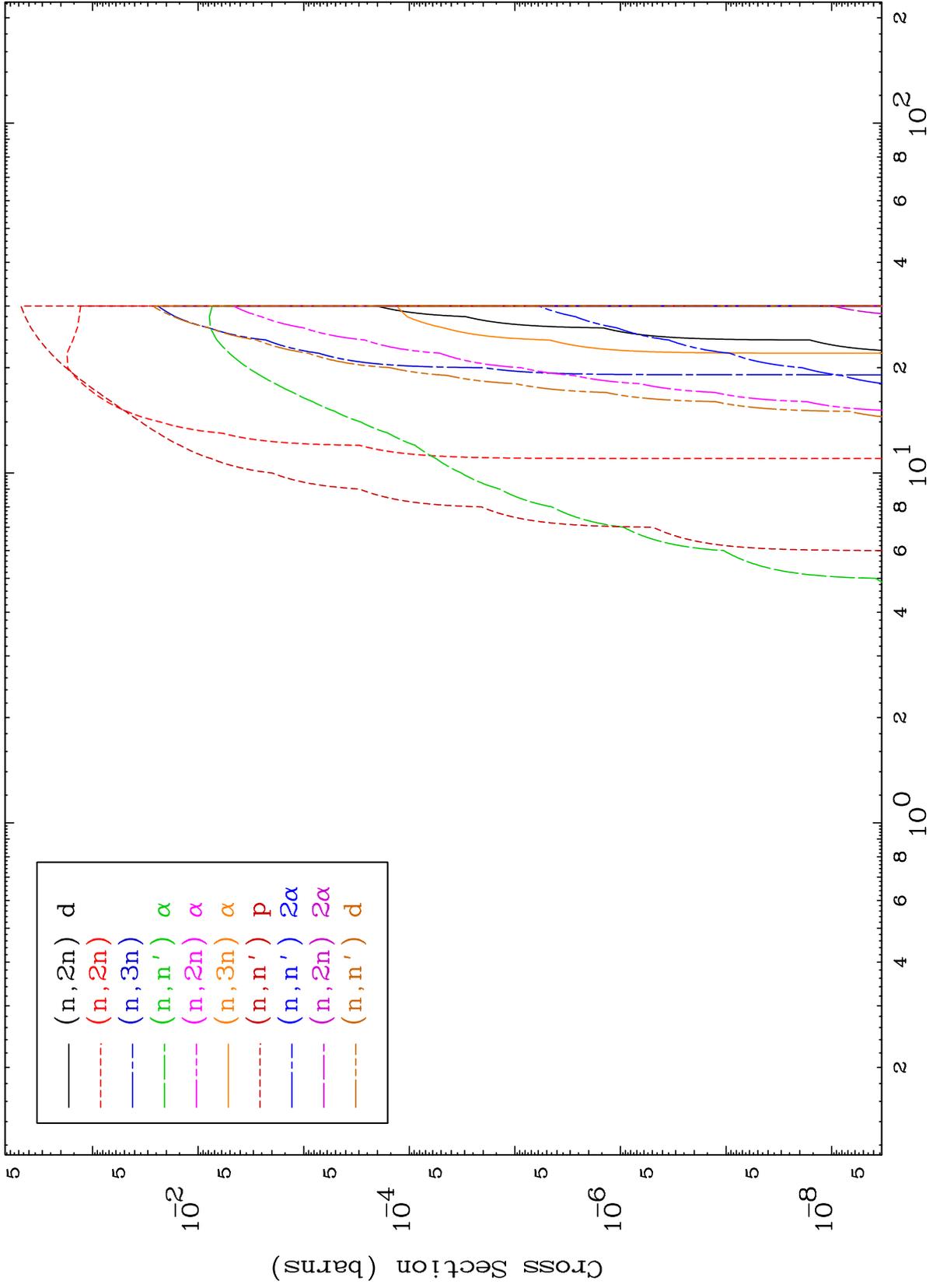
86-Rn-206

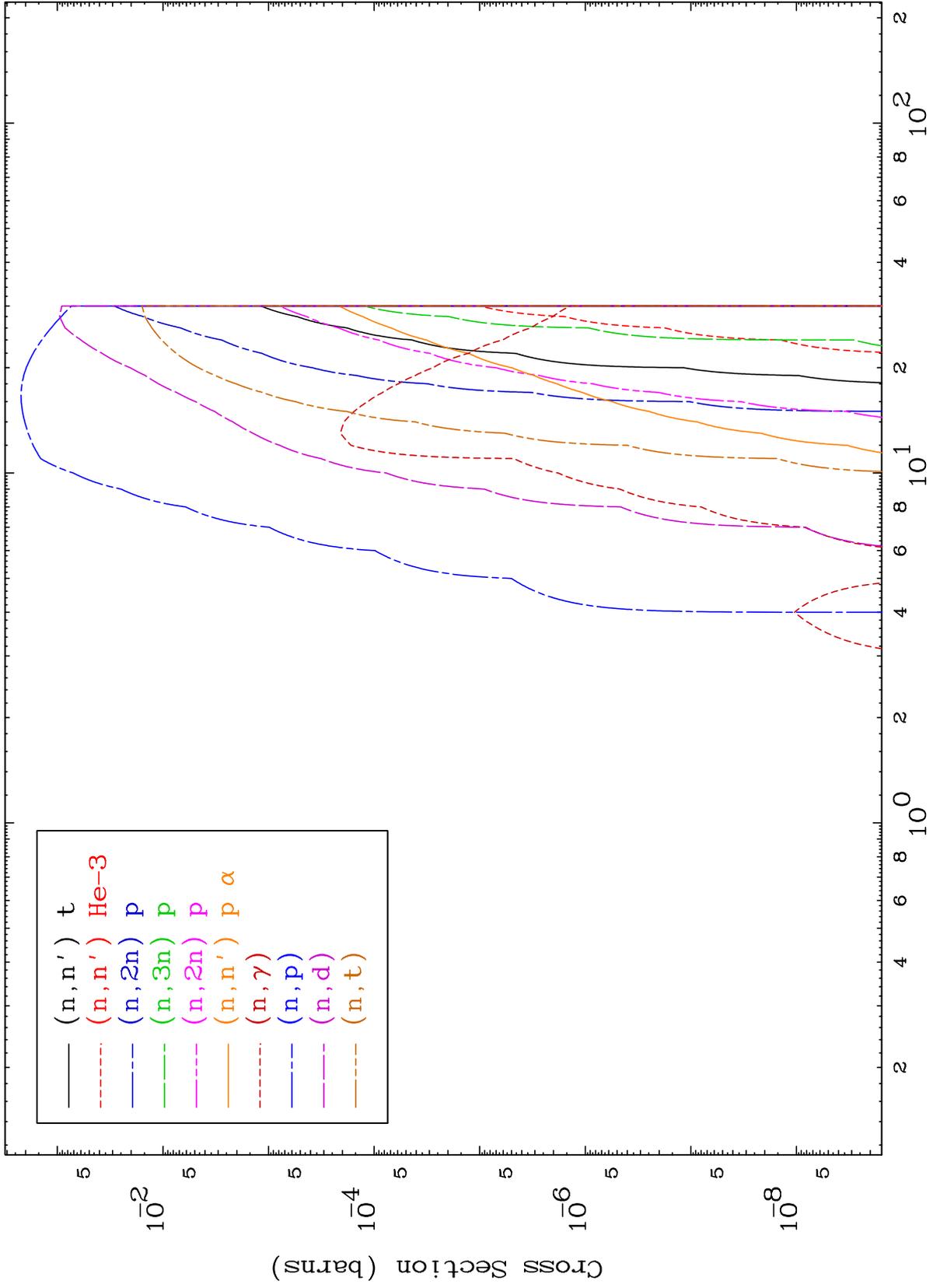


MAT 8610

Deuteron Neutron Absorption
0 Kelvin Cross Sections

86-Rn-206

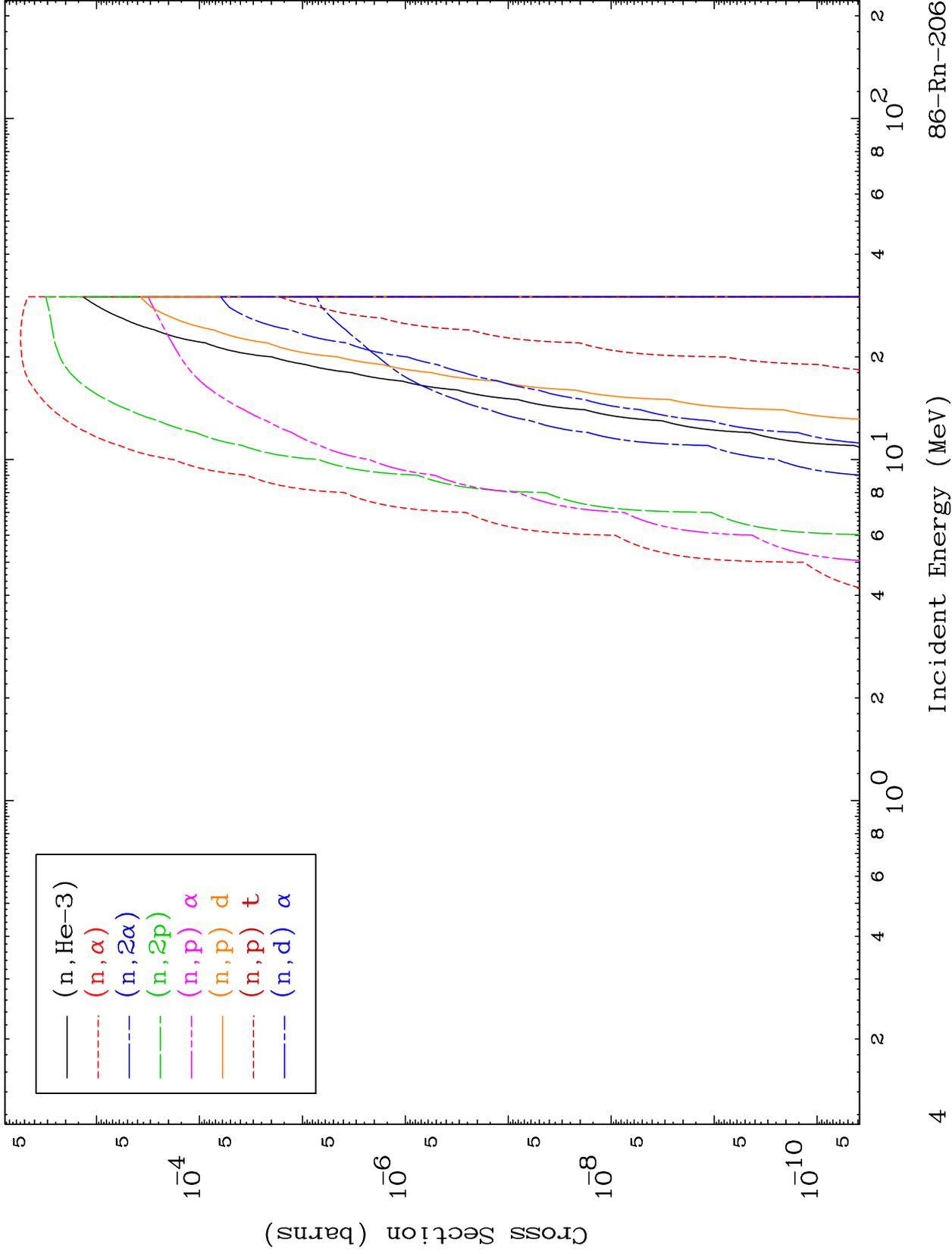




MAT 8610

Deuteron Neutron Absorption
0 Kelvin Cross Sections

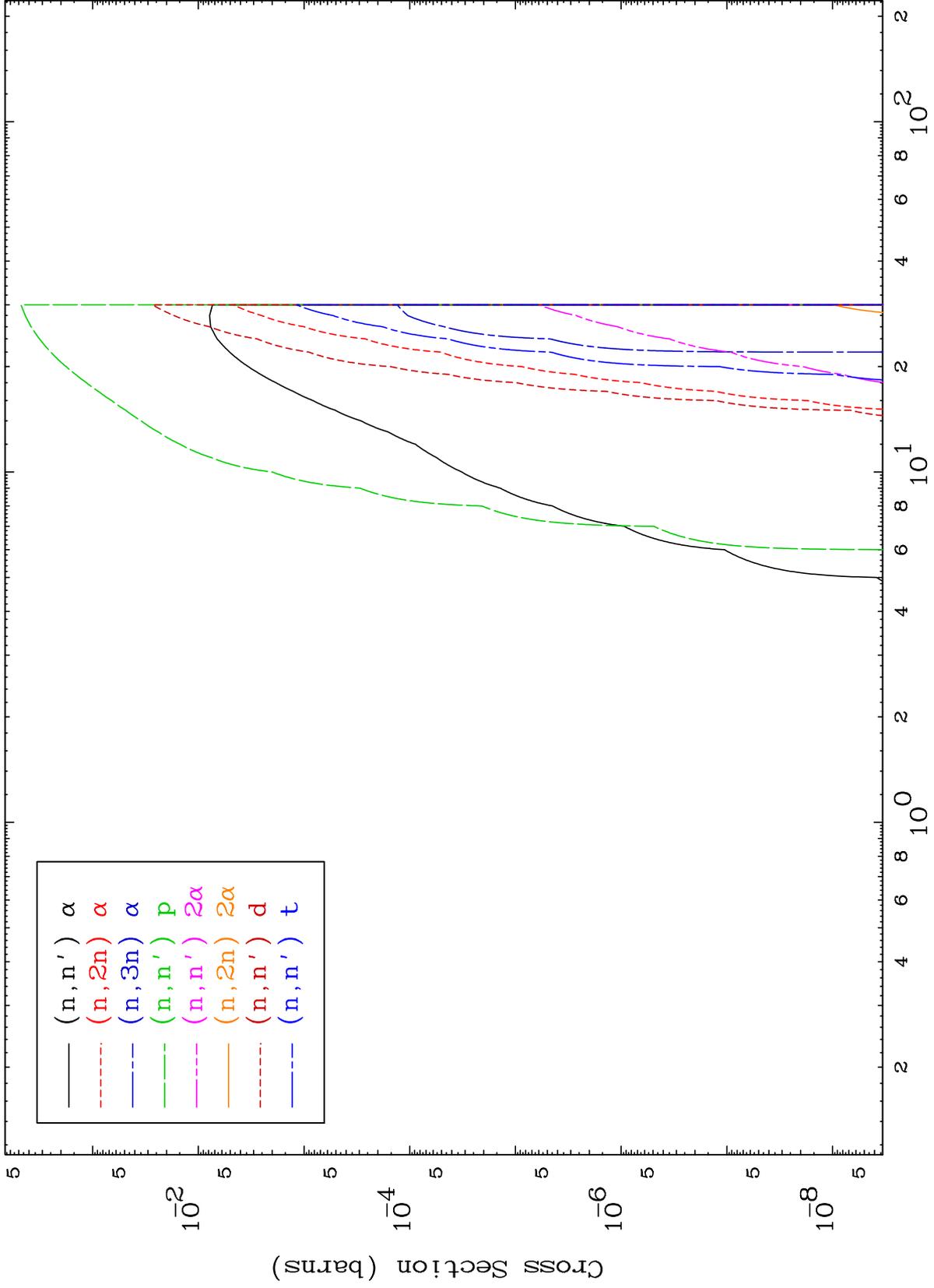
86-Rn-206



MAT 8610

Deuteron Charged Particle
0 Kelvin Cross Sections

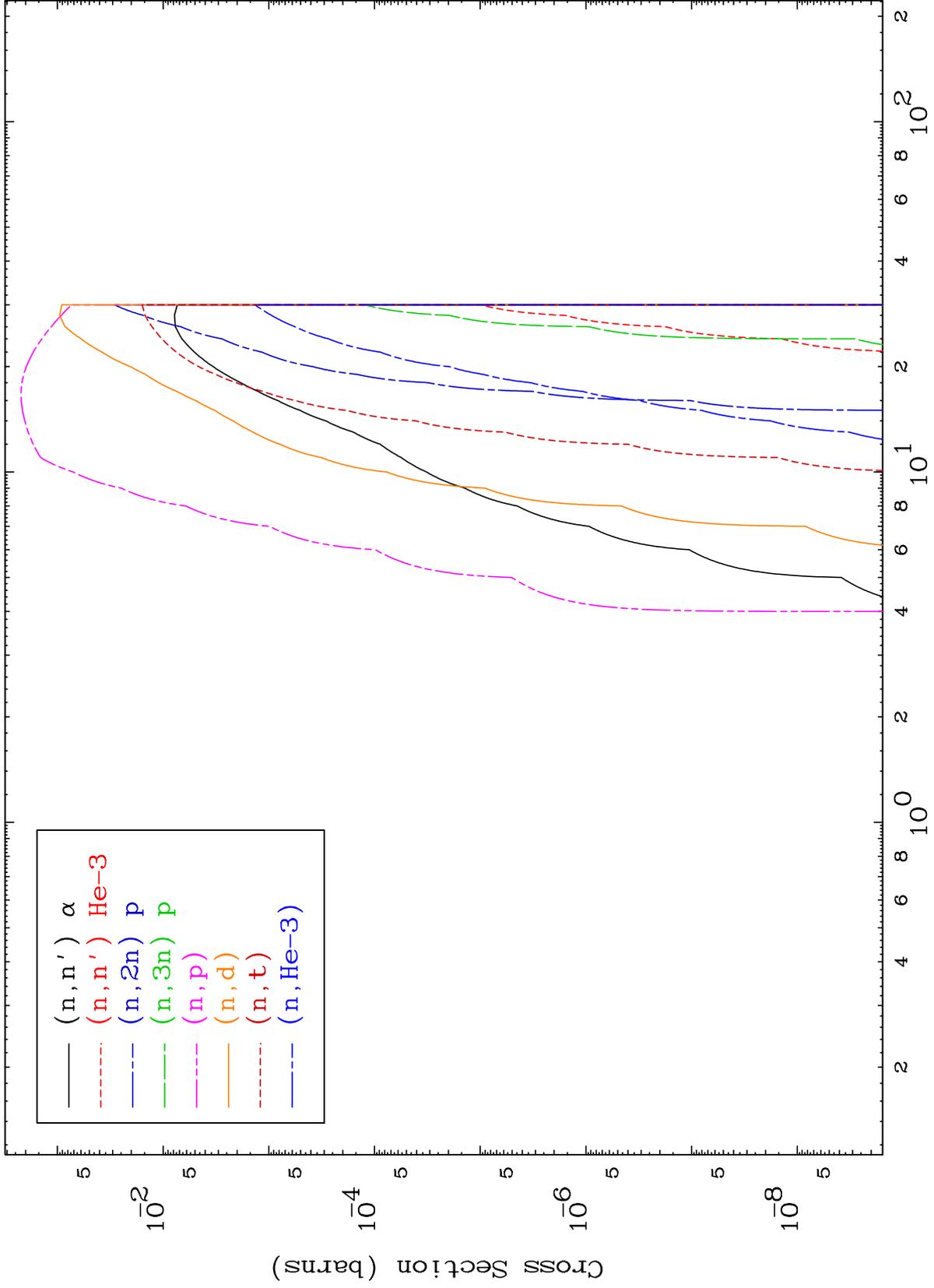
86-Rn-206



5

Incident Energy (MeV)

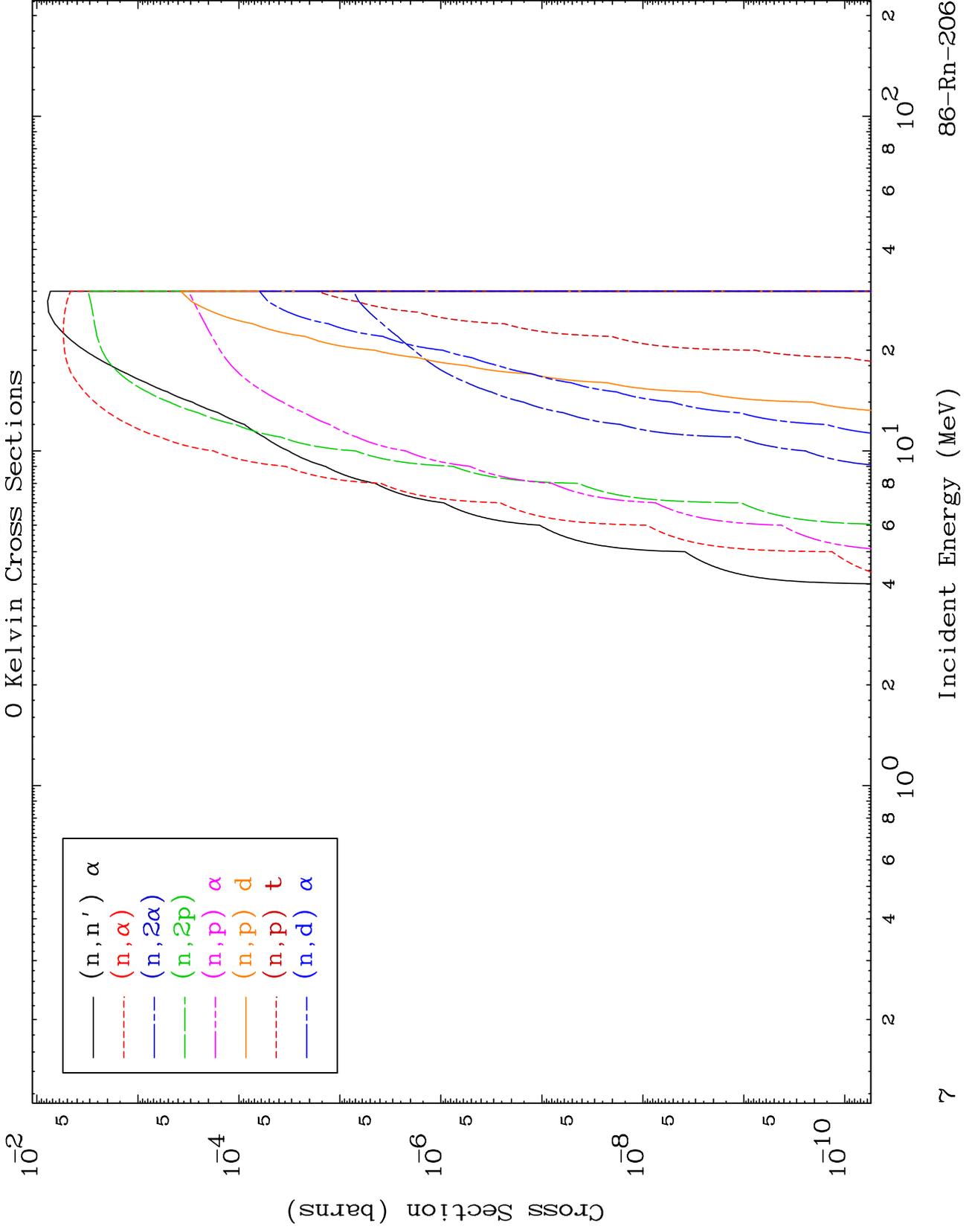
86-Rn-206



MAT 8610

Deuteron Charged Particle
0 Kelvin Cross Sections

86-Rn-206

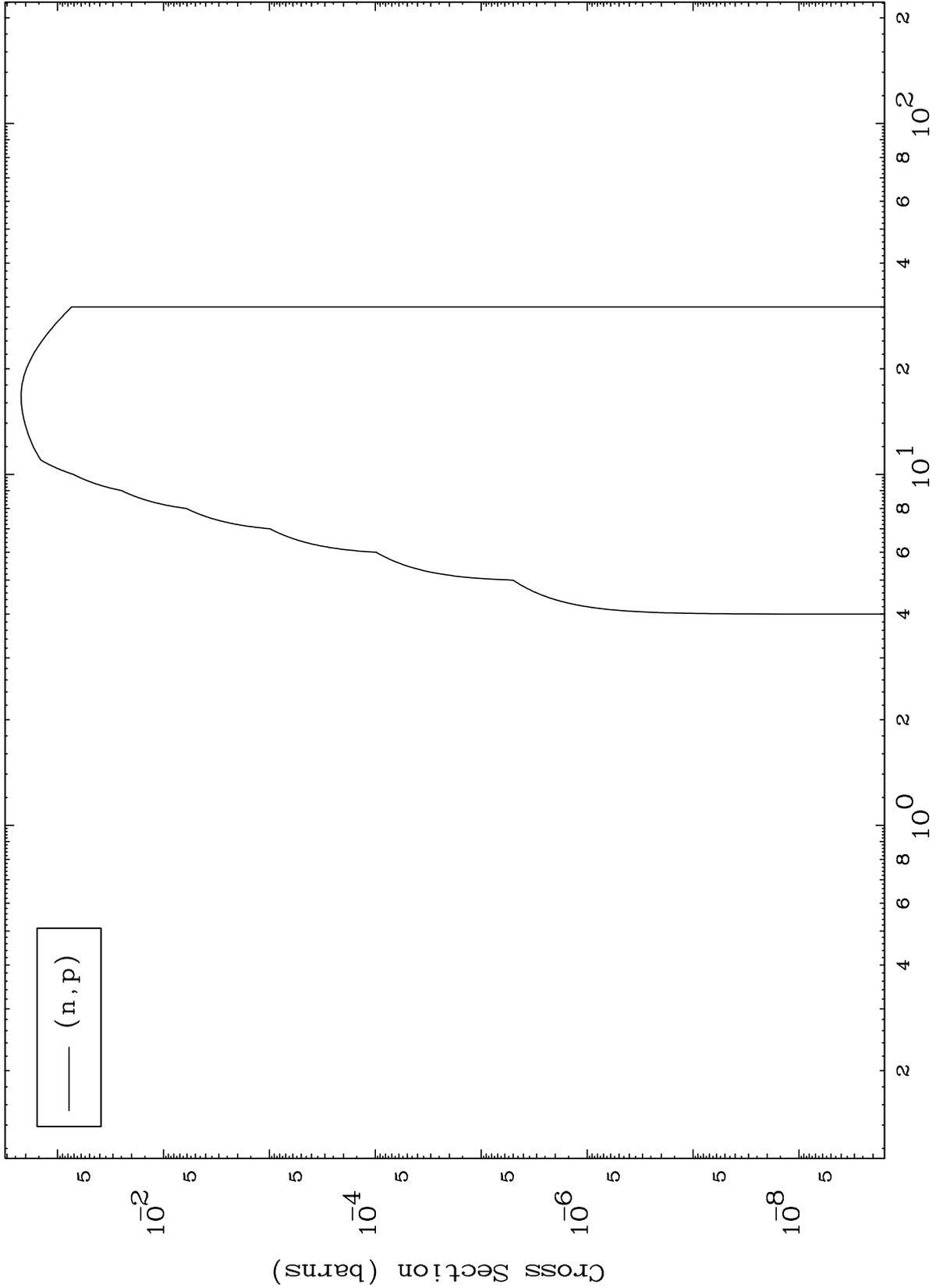


MAT 8610

(d,p) Levels

86-Rn-206

0 Kelvin Cross Sections

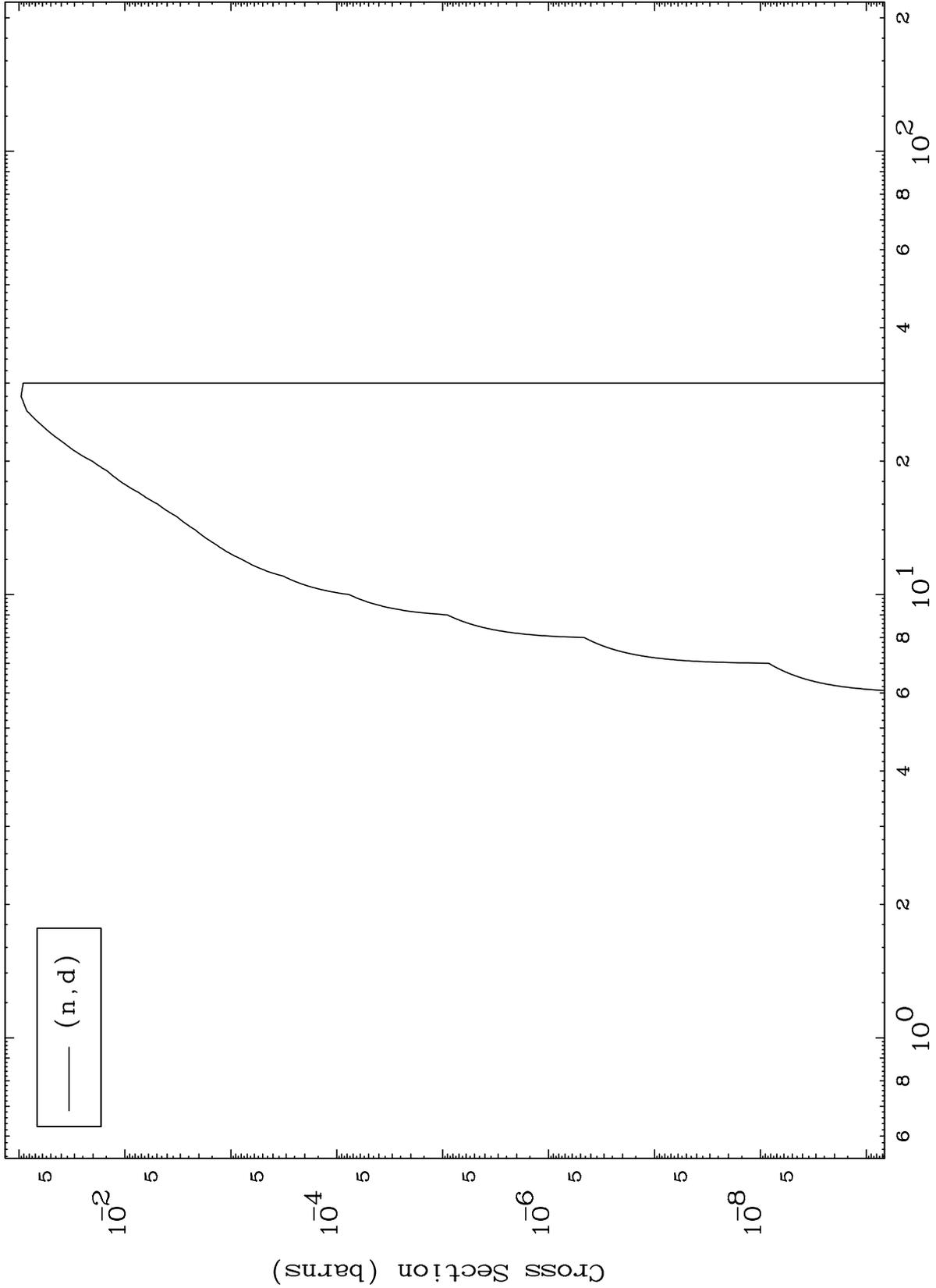


MAT 8610

(d,d) Levels

86-Rn-206

0 Kelvin Cross Sections



9

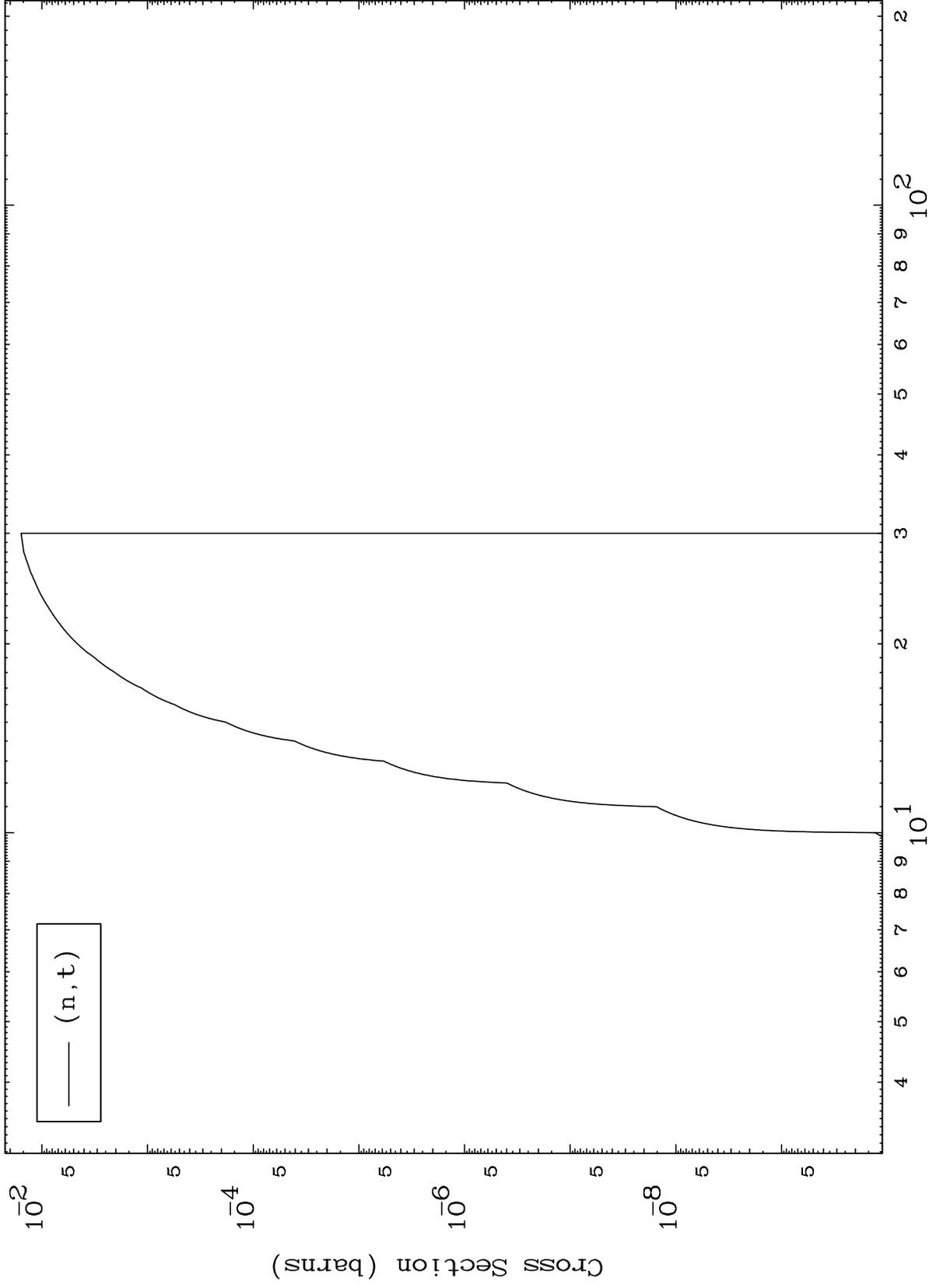
Incident Energy (MeV)

86-Rn-206

MAT 8610

(d,t) Levels
0 Kelvin Cross Sections

86-Rn-206



10

Incident Energy (MeV)

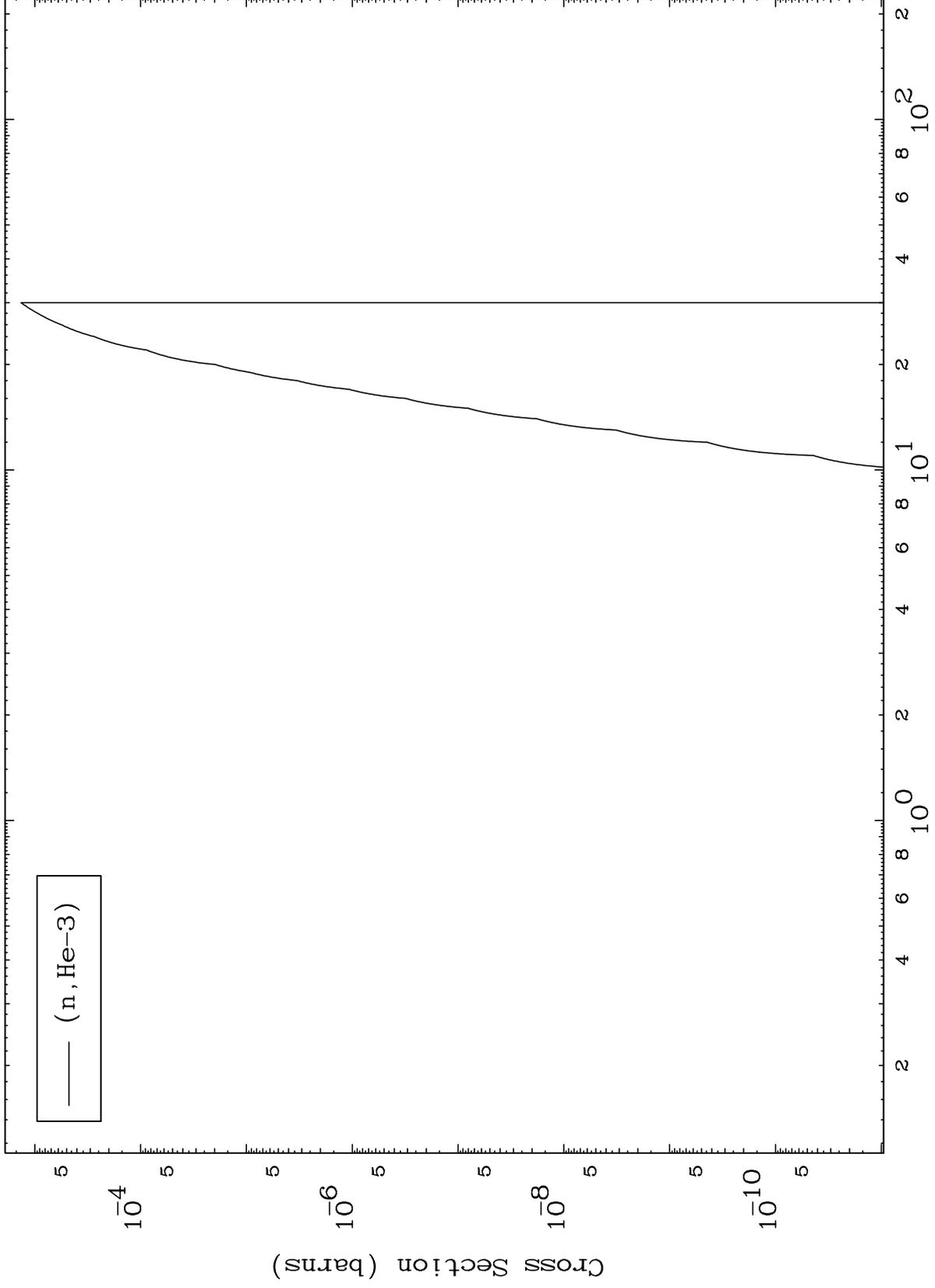
86-Rn-206

MAT 8610

(d,He3) Levels

86-Rn-206

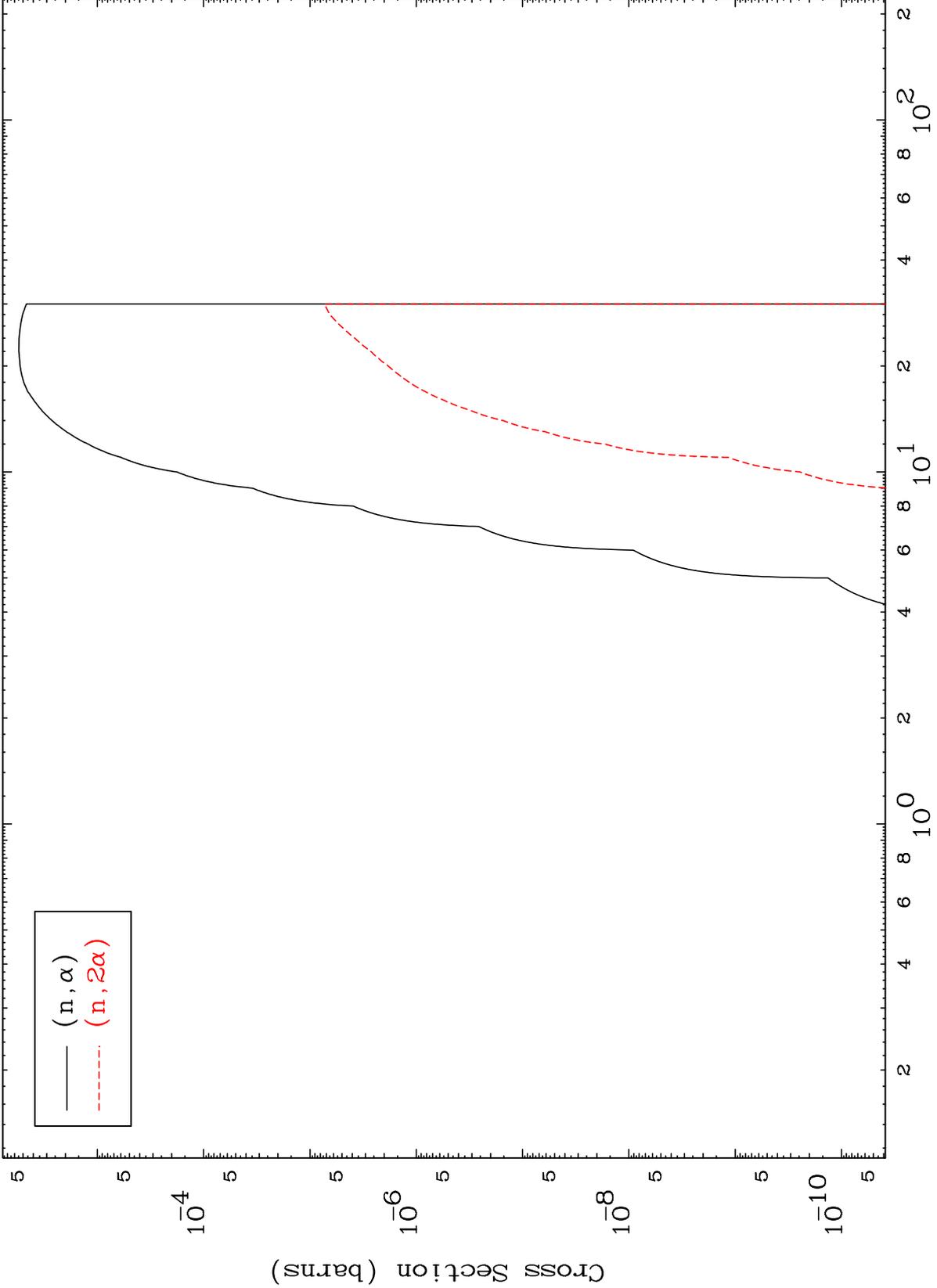
0 Kelvin Cross Sections



MAT 8610

(d, α) Levels
0 Kelvin Cross Sections

86-Rn-206

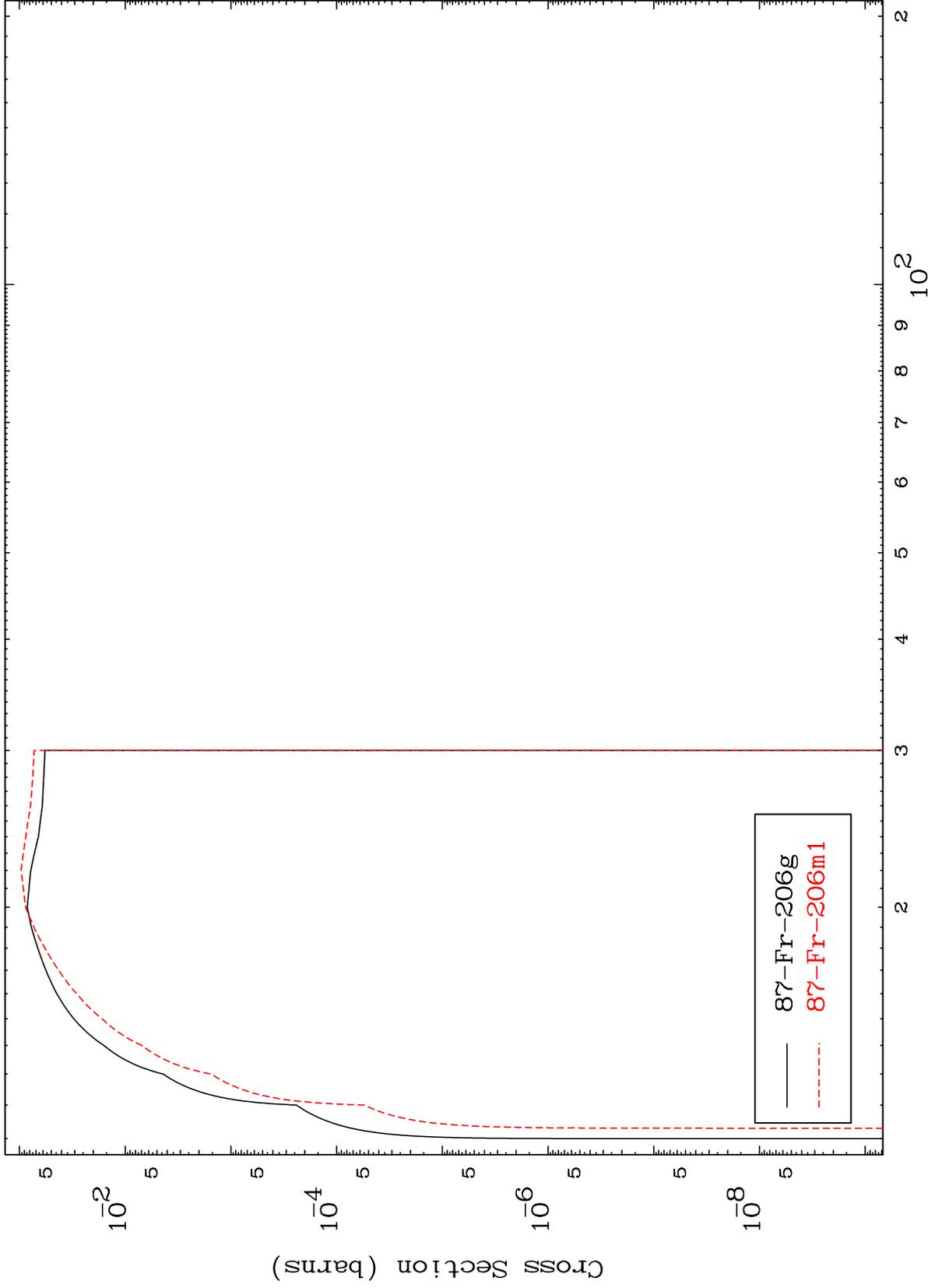


— (n, α)
- - - $(n, 2\alpha)$

MAT 8610

86-Rn-206

(n,2n)
Radionuclide Production Cross Section



13

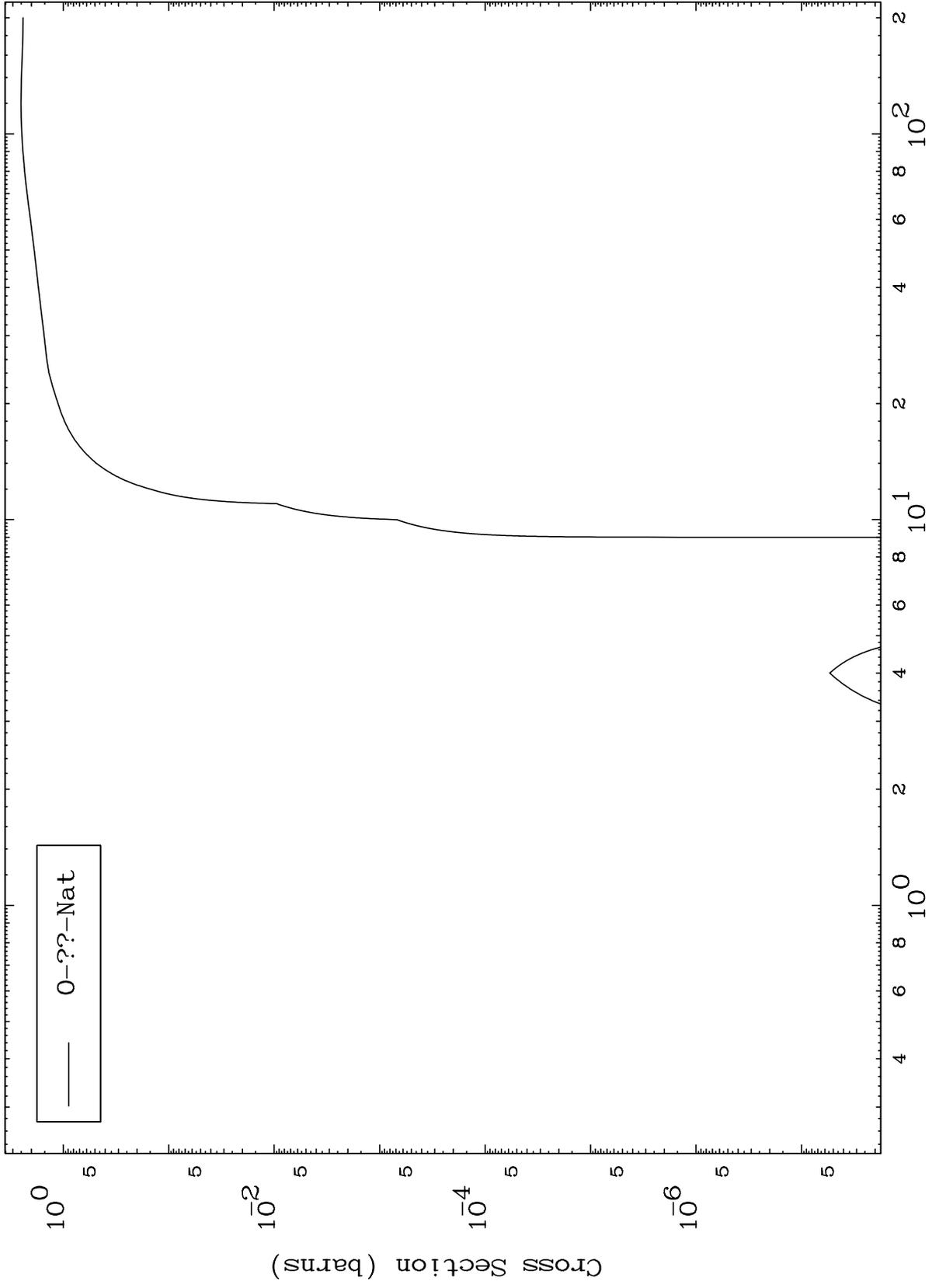
Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

Fission
Radionuclide Production Cross Section



14

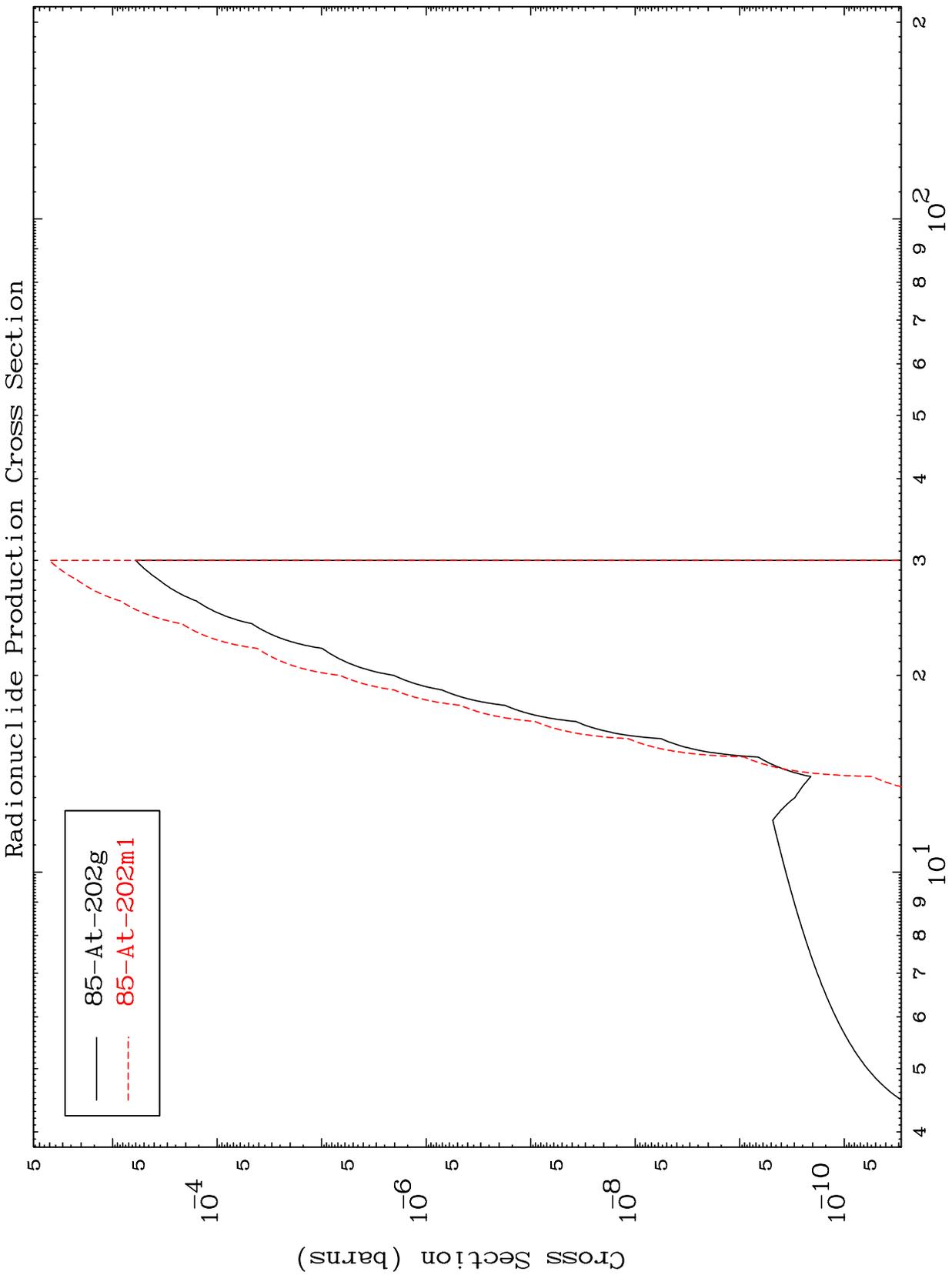
86-Rn-206

Incident Energy (MeV)

MAT 8610

(n,2n) α

86-Rn-206



15

Incident Energy (MeV)

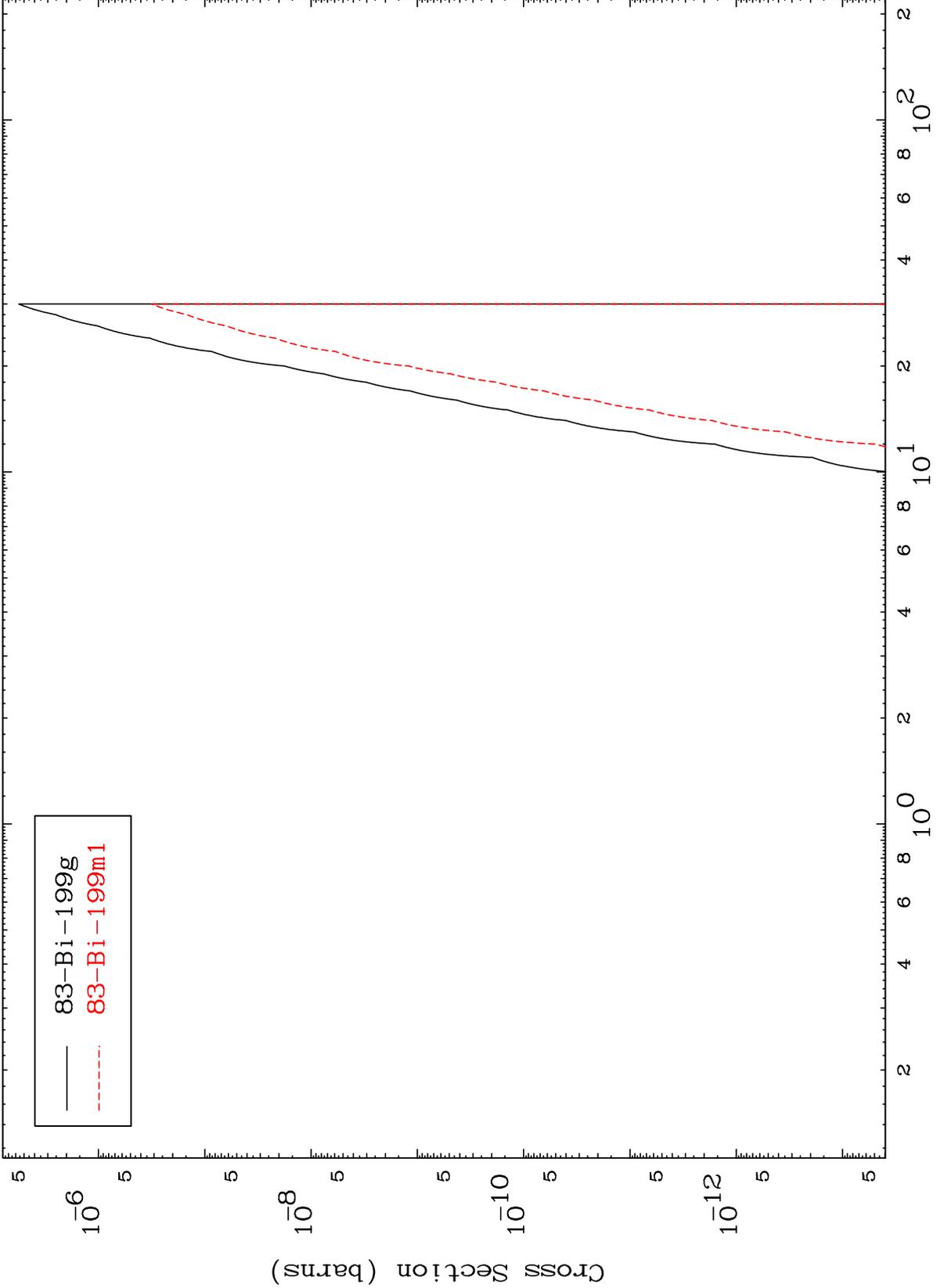
86-Rn-206

MAT 8610

(n,n') 2 α

86-Rn-206

Radionuclide Production Cross Section



16

Incident Energy (MeV)

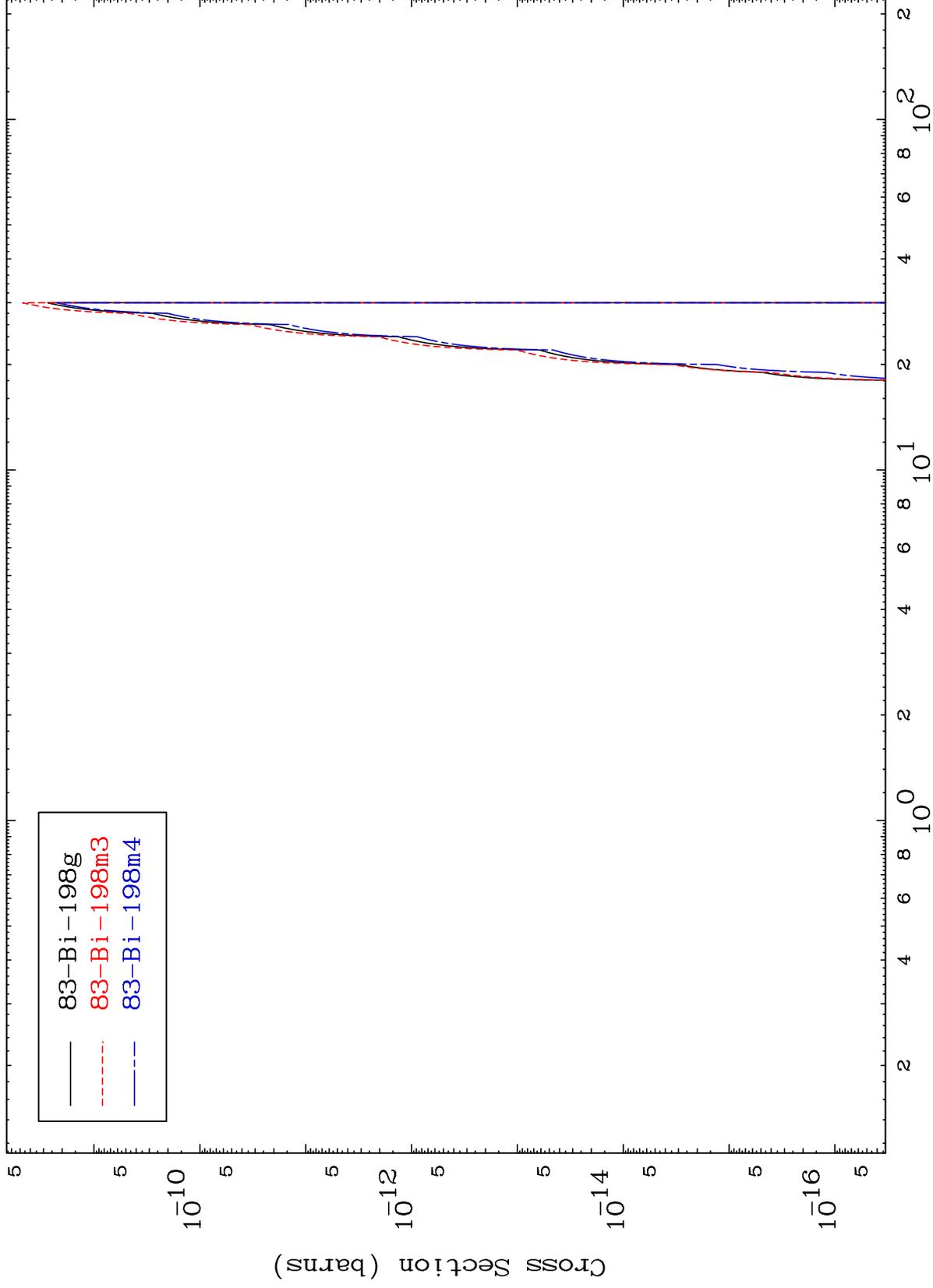
86-Rn-206

MAT 8610

$(n,2n) 2\alpha$

86-Rn-206

Radionuclide Production Cross Section



17

Incident Energy (MeV)

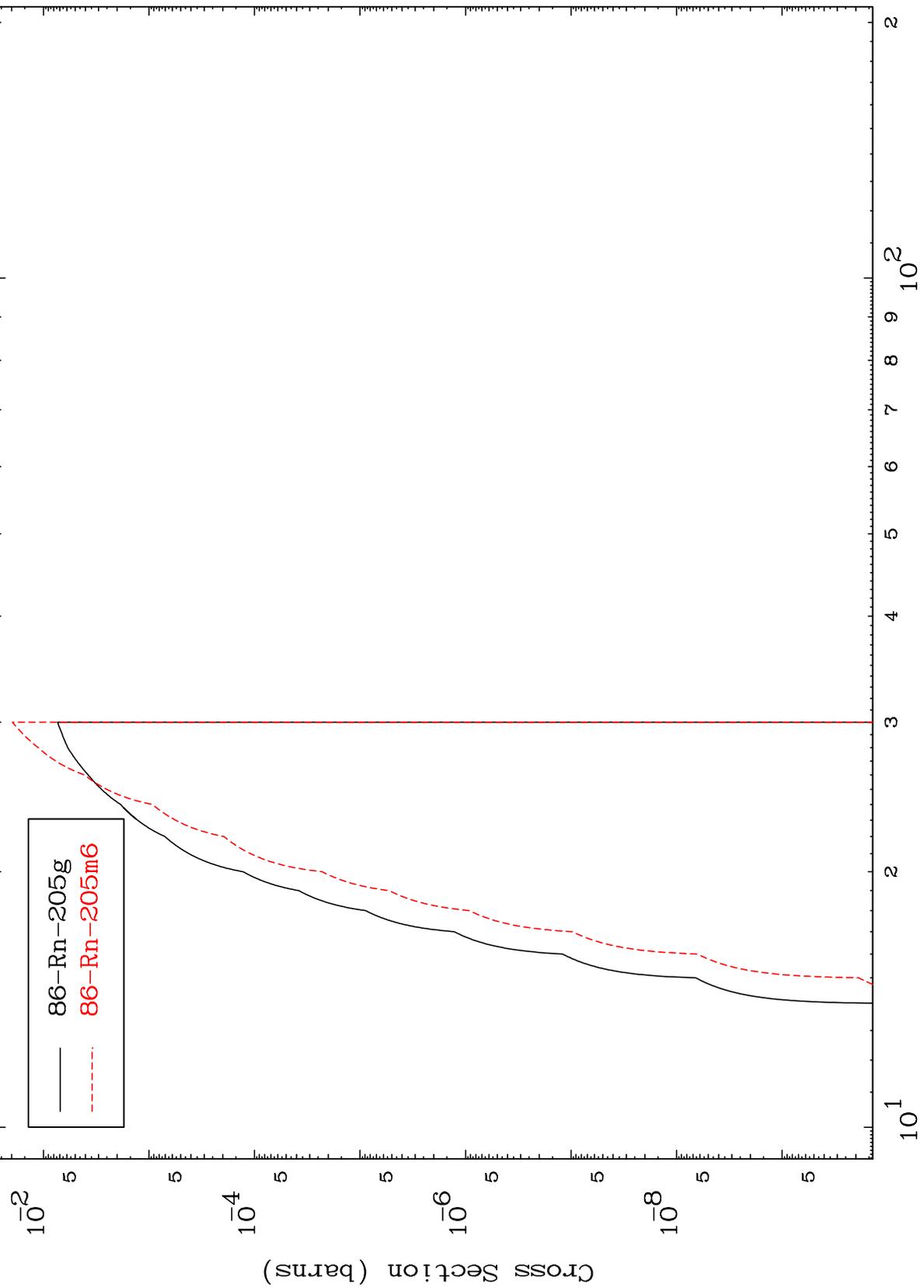
86-Rn-206

MAT 8610

(n,n') d

86-Rn-206

Radionuclide Production Cross Section



Incident Energy (MeV)

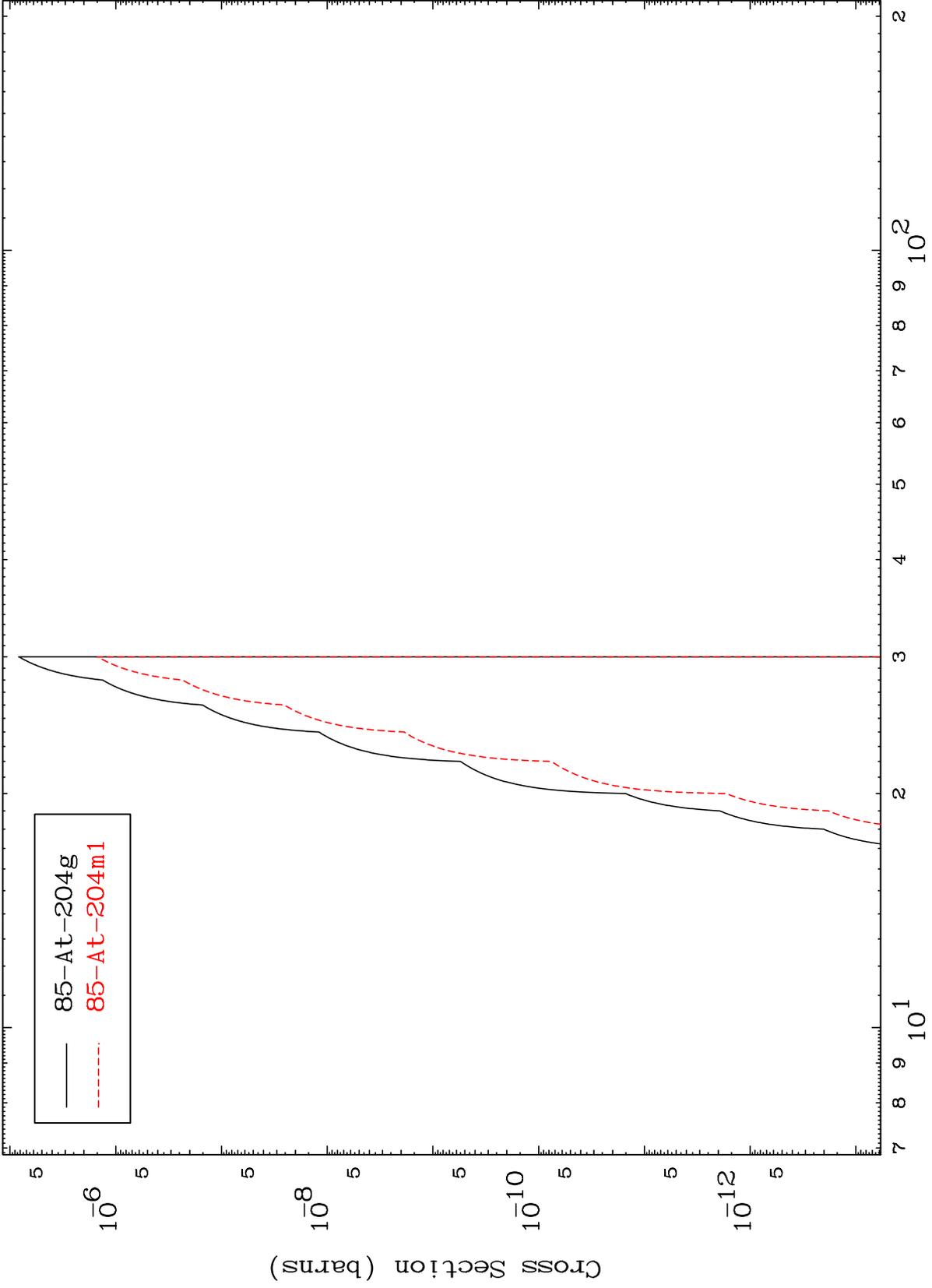
86-Rn-206

MAT 8610

(n,n') He-3

86-Rn-206

Radionuclide Production Cross Section



19

Incident Energy (MeV)

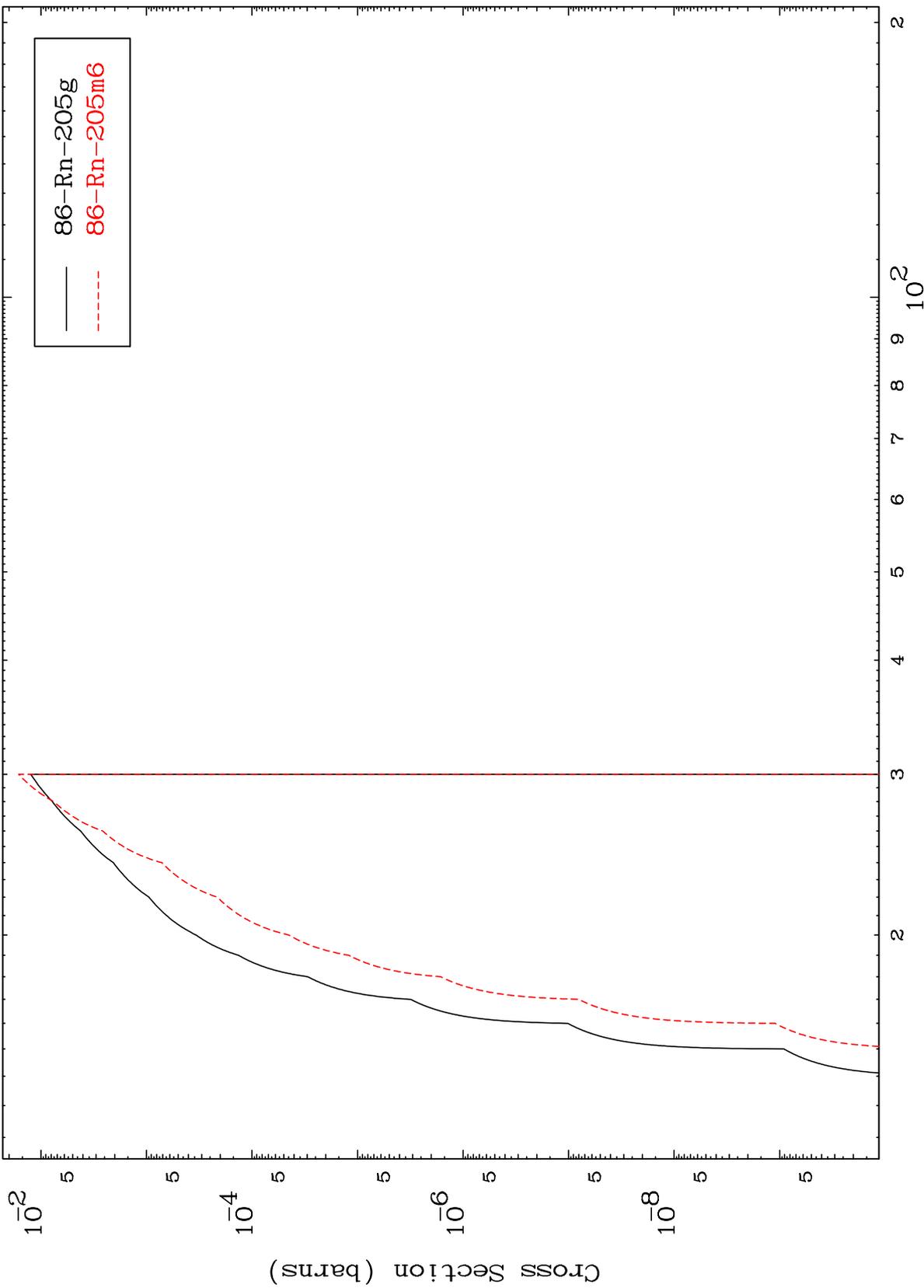
86-Rn-206

MAT 8610

(n,2n) p

86-Rn-206

Radionuclide Production Cross Section



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

20

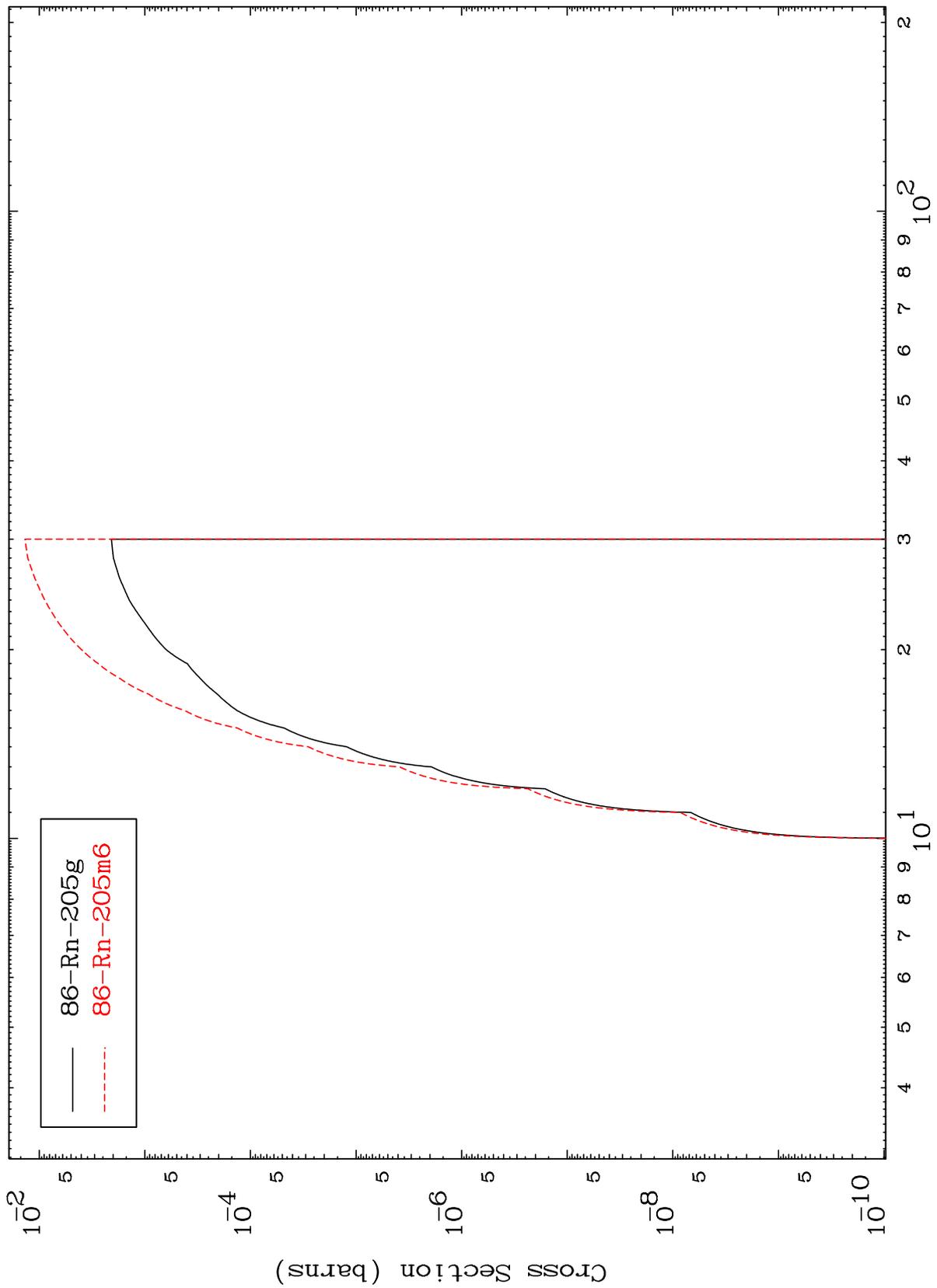
Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

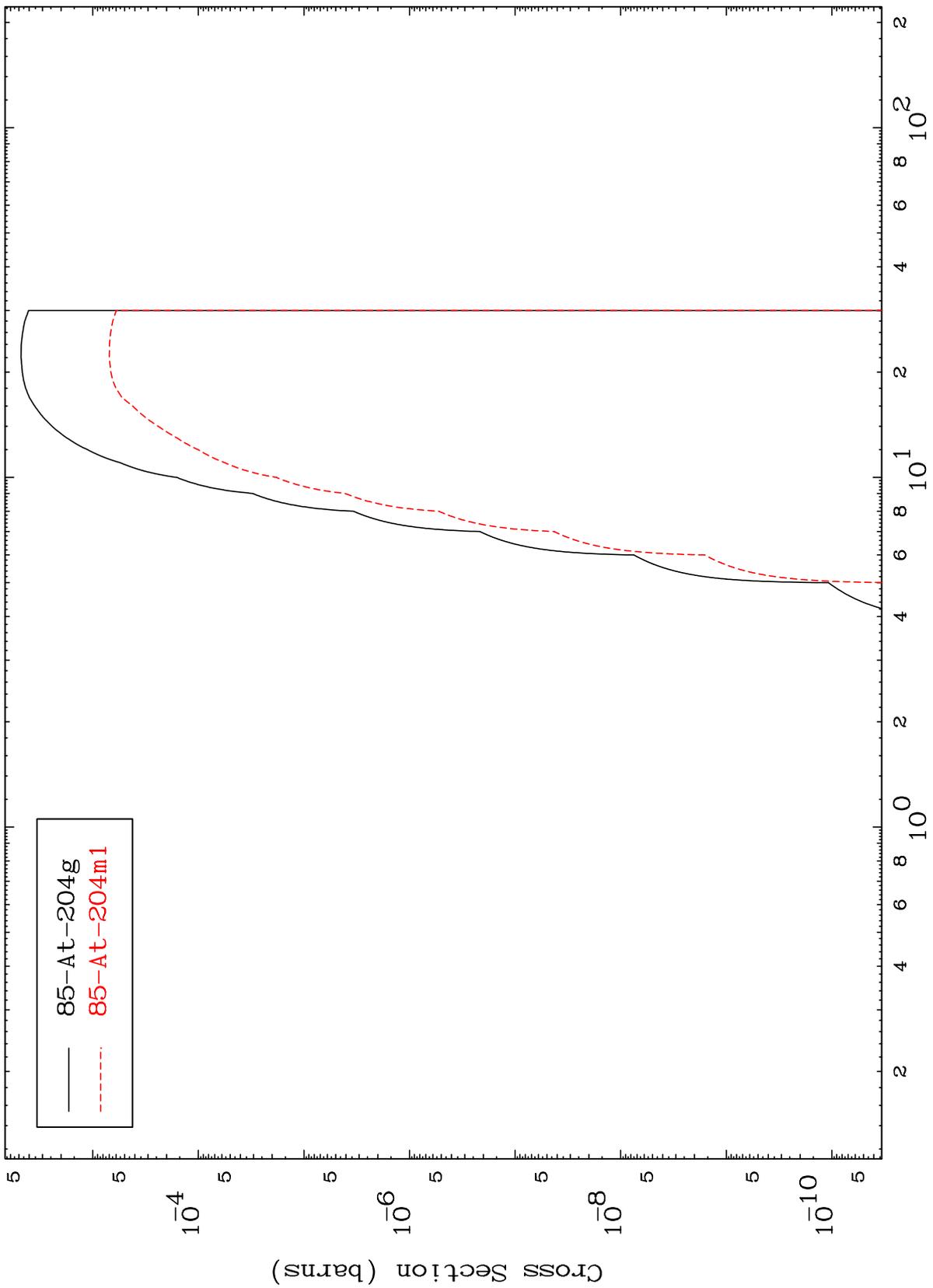
Radionuclide Production Cross Section
(n, t)



MAT 8610

86-Rn-206

(n, α)
Radionuclide Production Cross Section



86-Rn-206

Incident Energy (MeV)

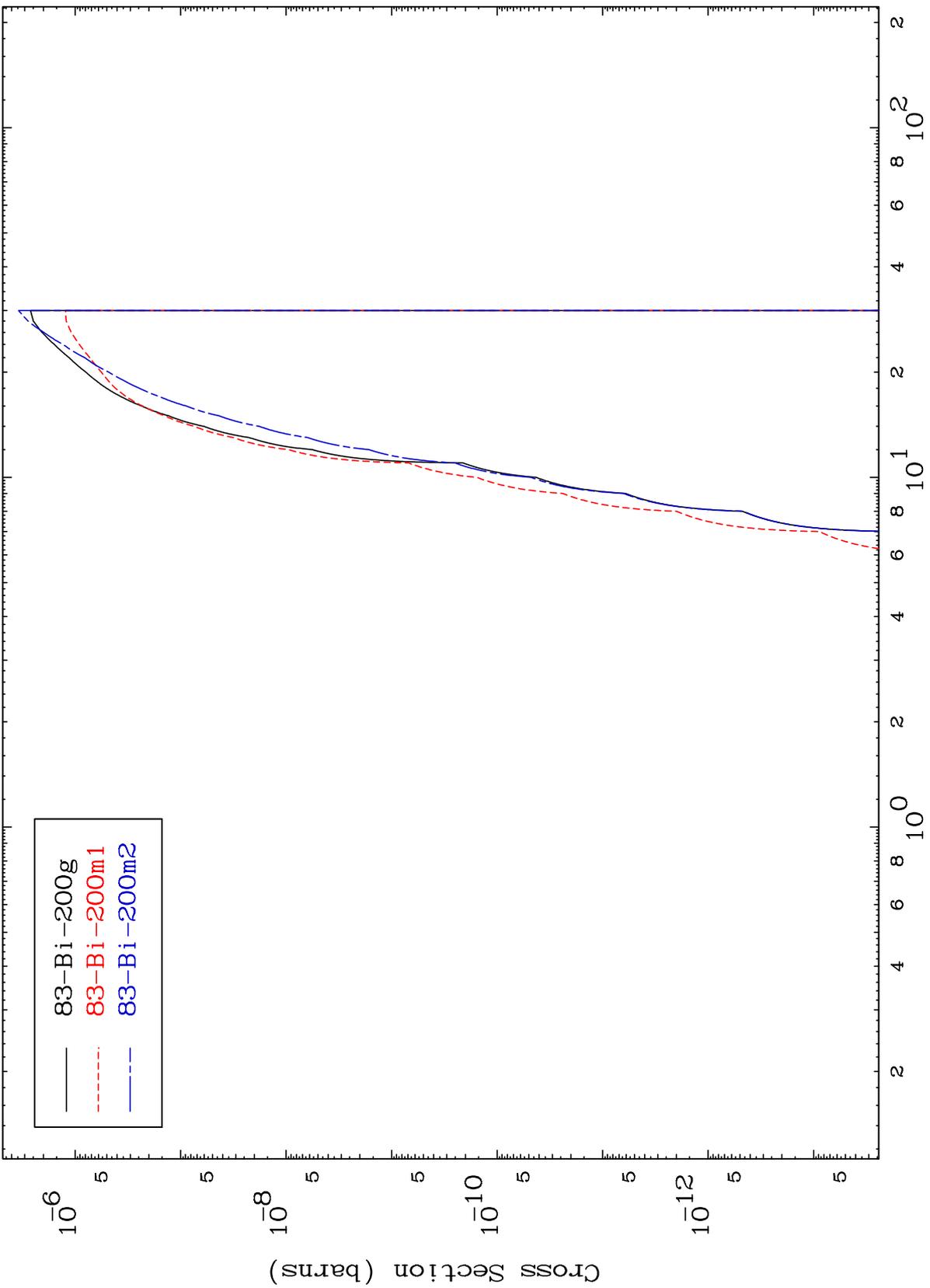
22

MAT 8610

(n,2α)

86-Rn-206

Radionuclide Production Cross Section



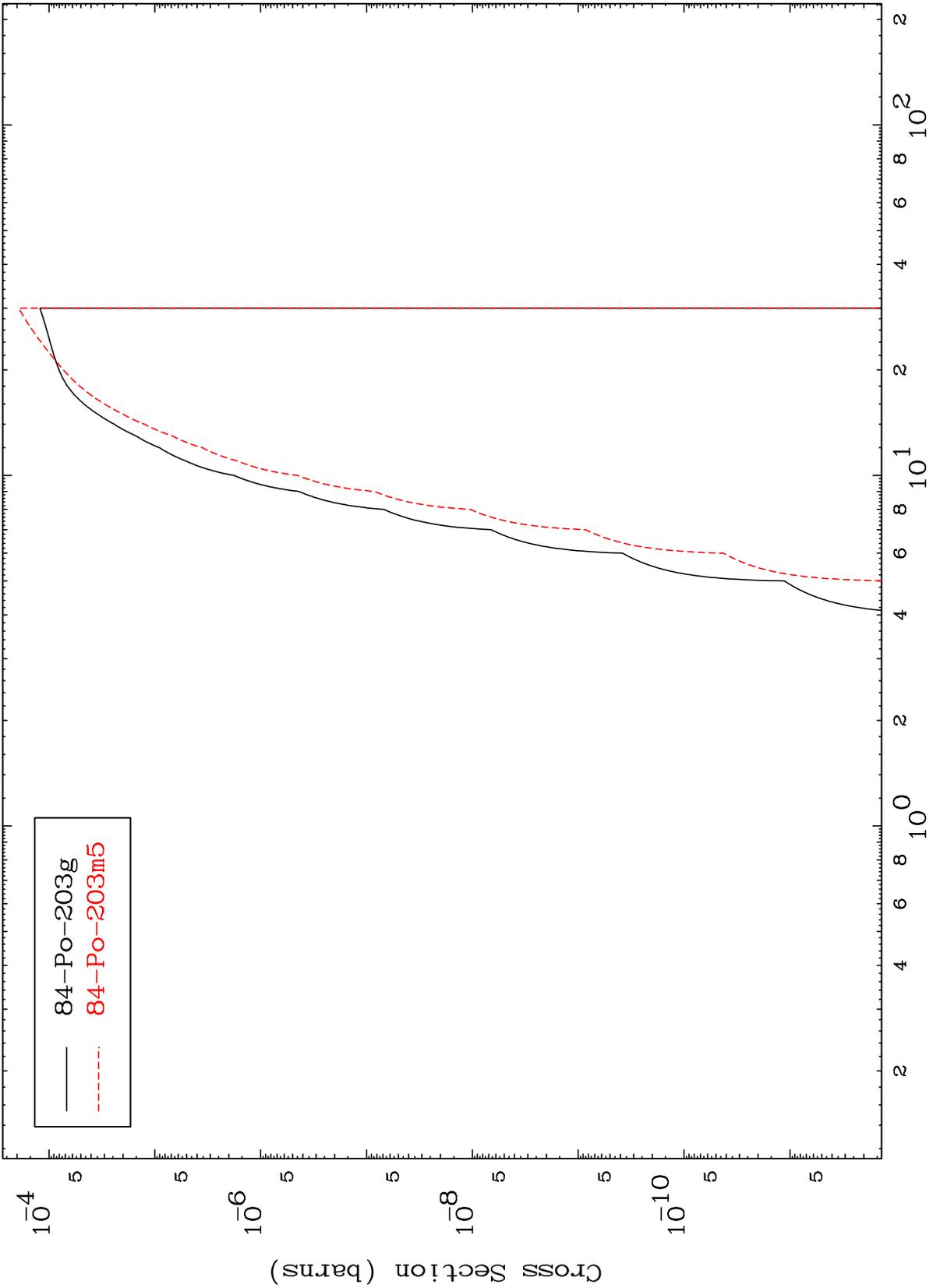
83-Bi-200g
83-Bi-200m1
83-Bi-200m2

MAT 8610

(n,p) α

86-Rn-206

Radionuclide Production Cross Section

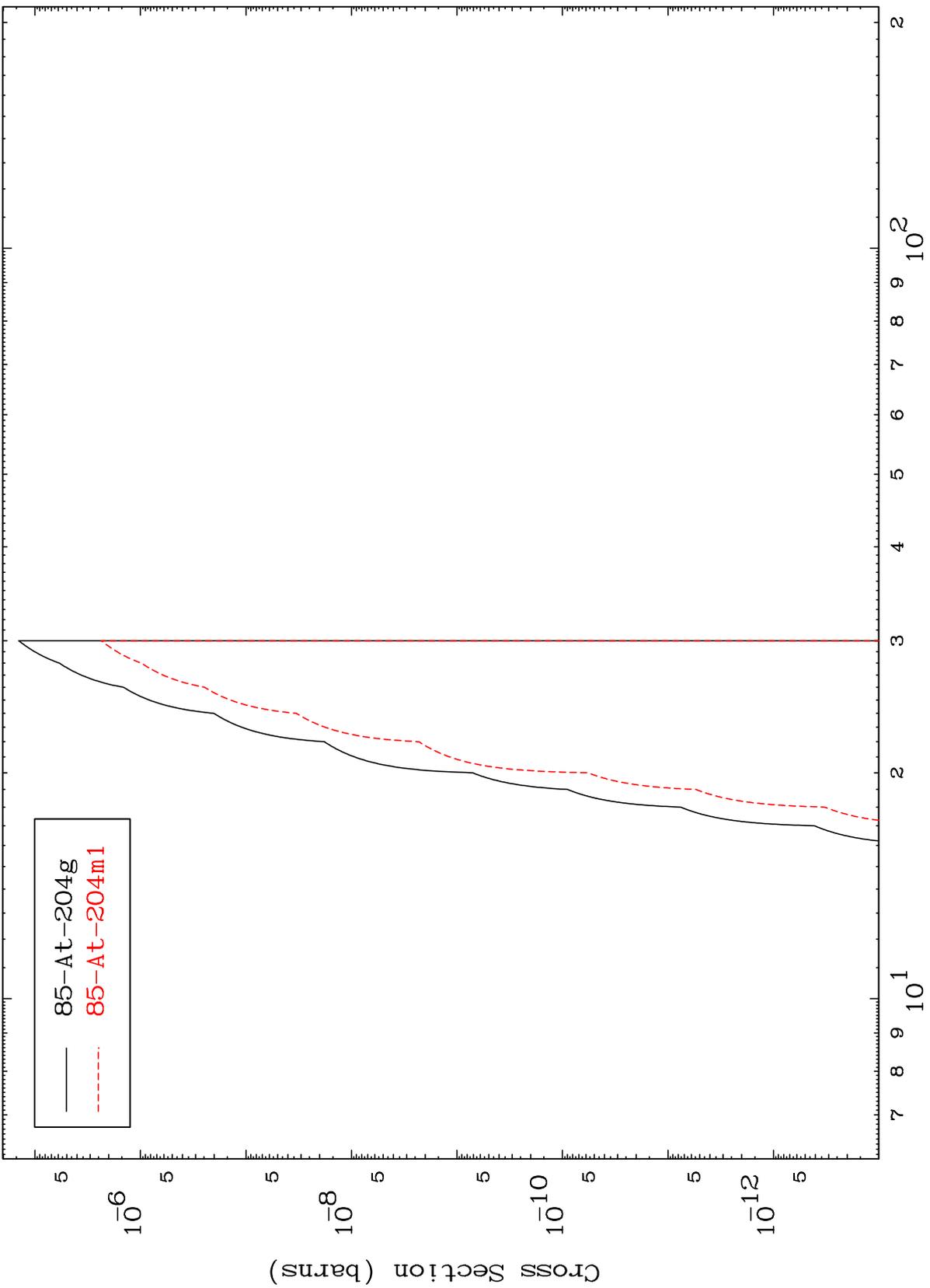


MAT 8610

(n,p) t

86-Rn-206

Radionuclide Production Cross Section



25

Incident Energy (MeV)

86-Rn-206