

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

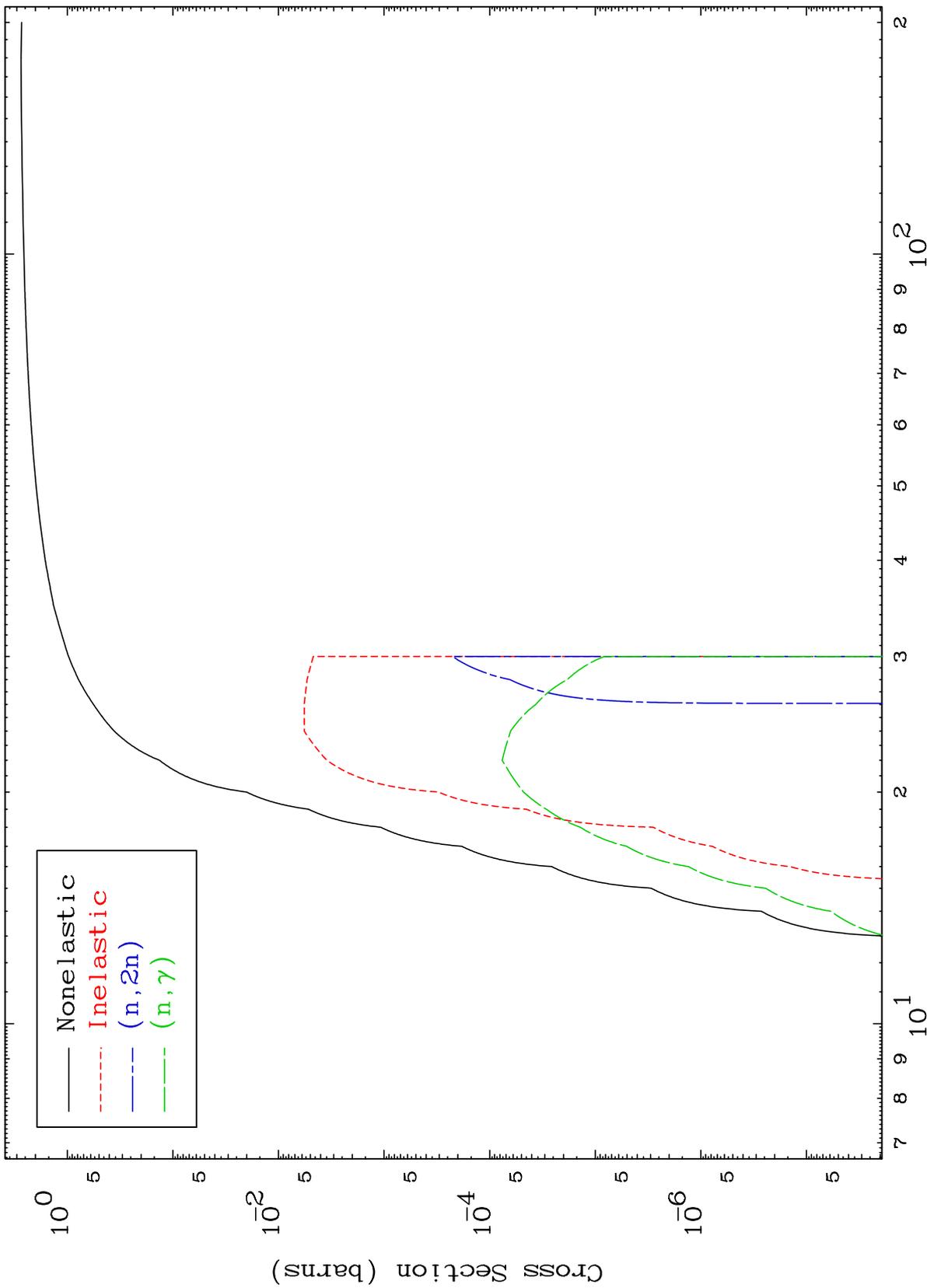
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8398

0 Kelvin Cross Sections

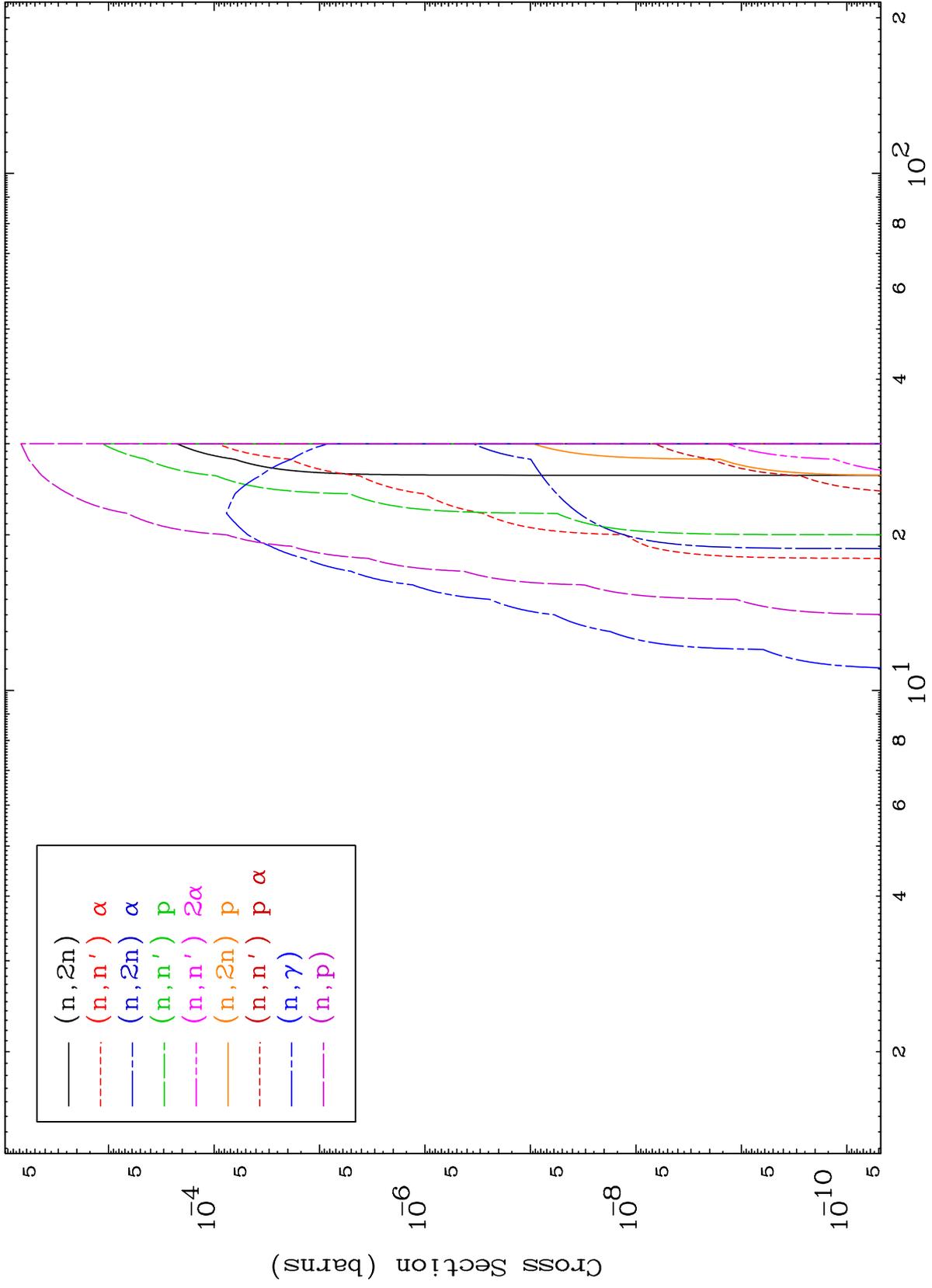
84-Po-197

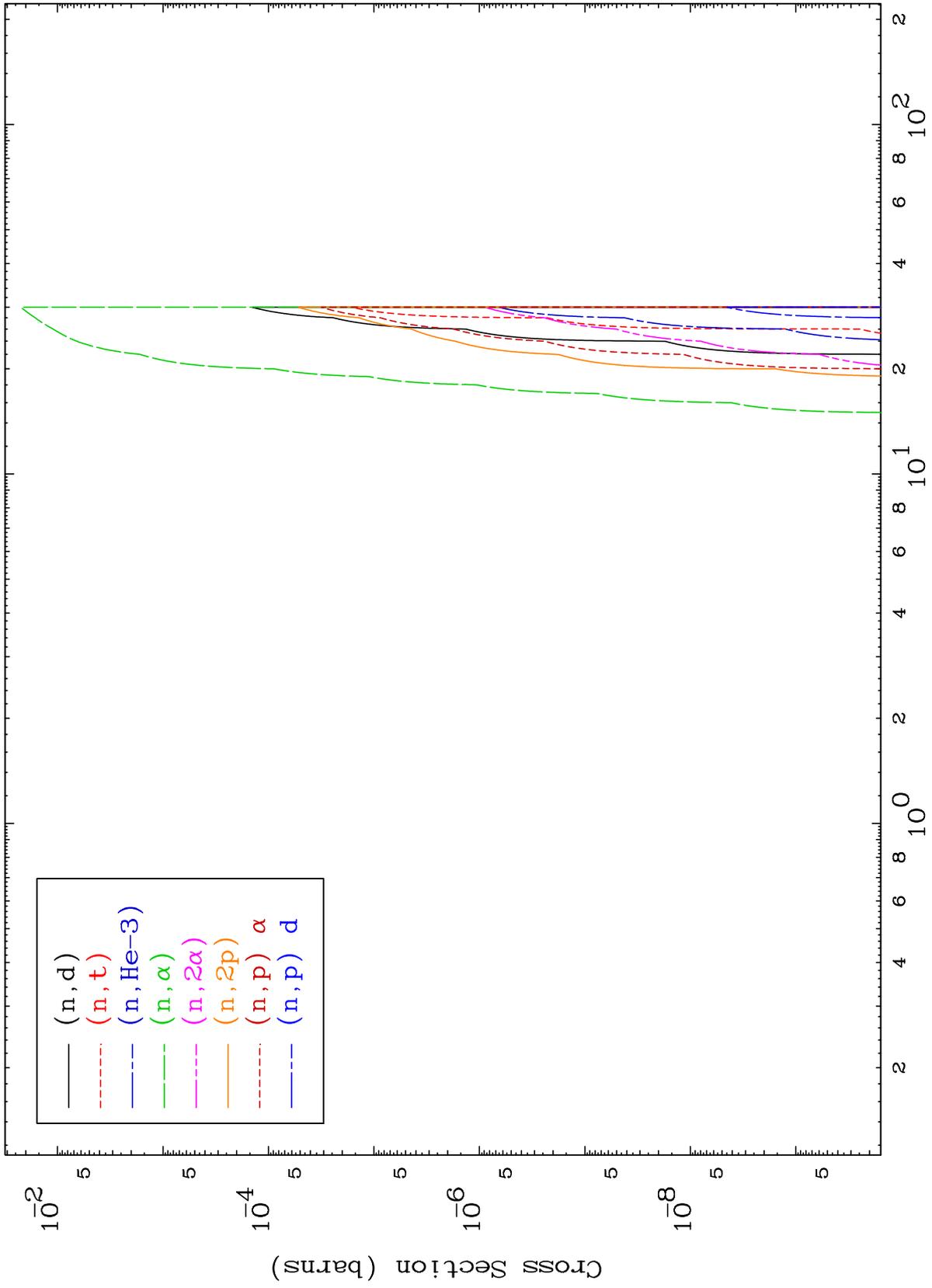


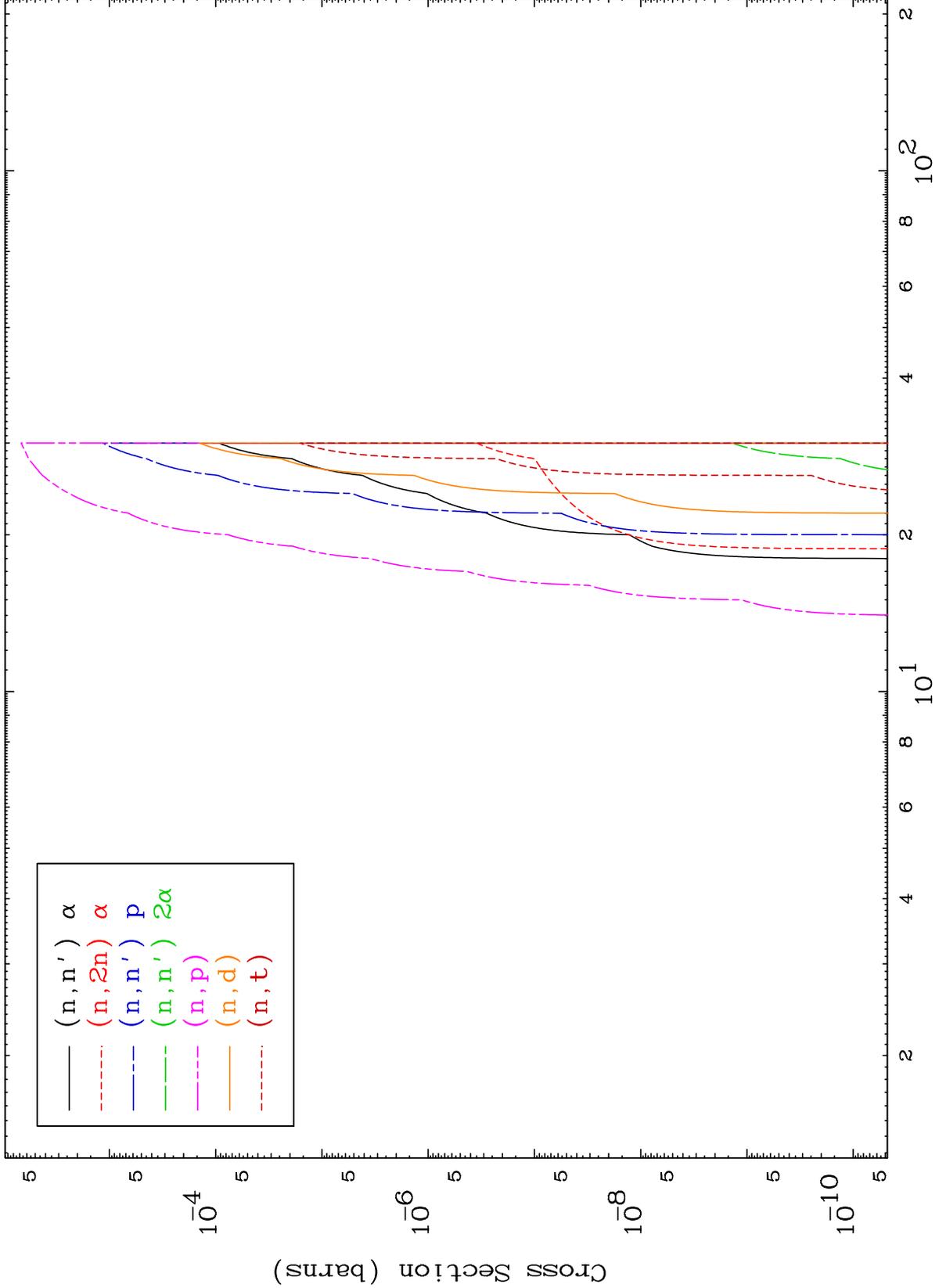
Incident Energy (MeV)

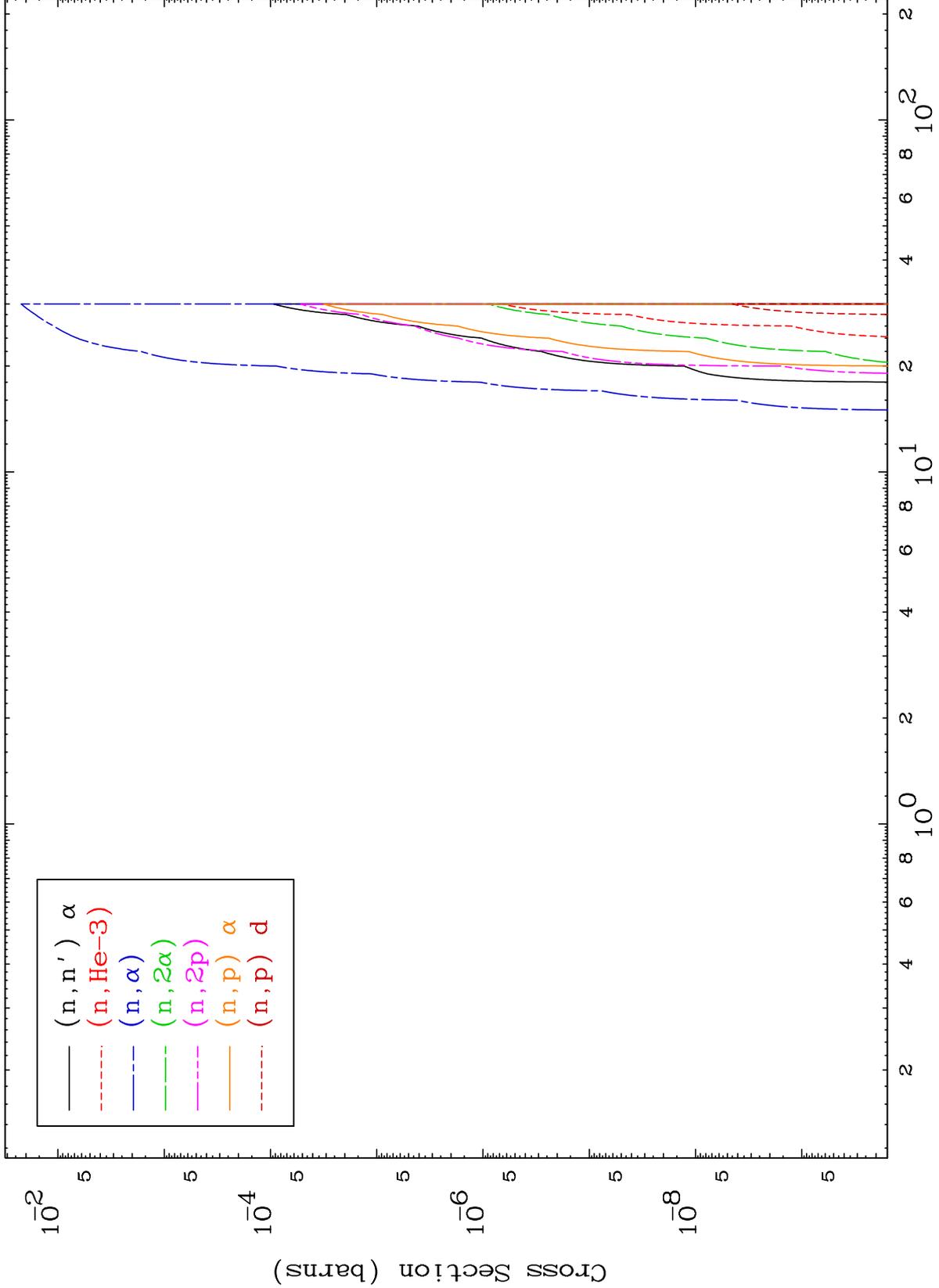
84-Po-197

1





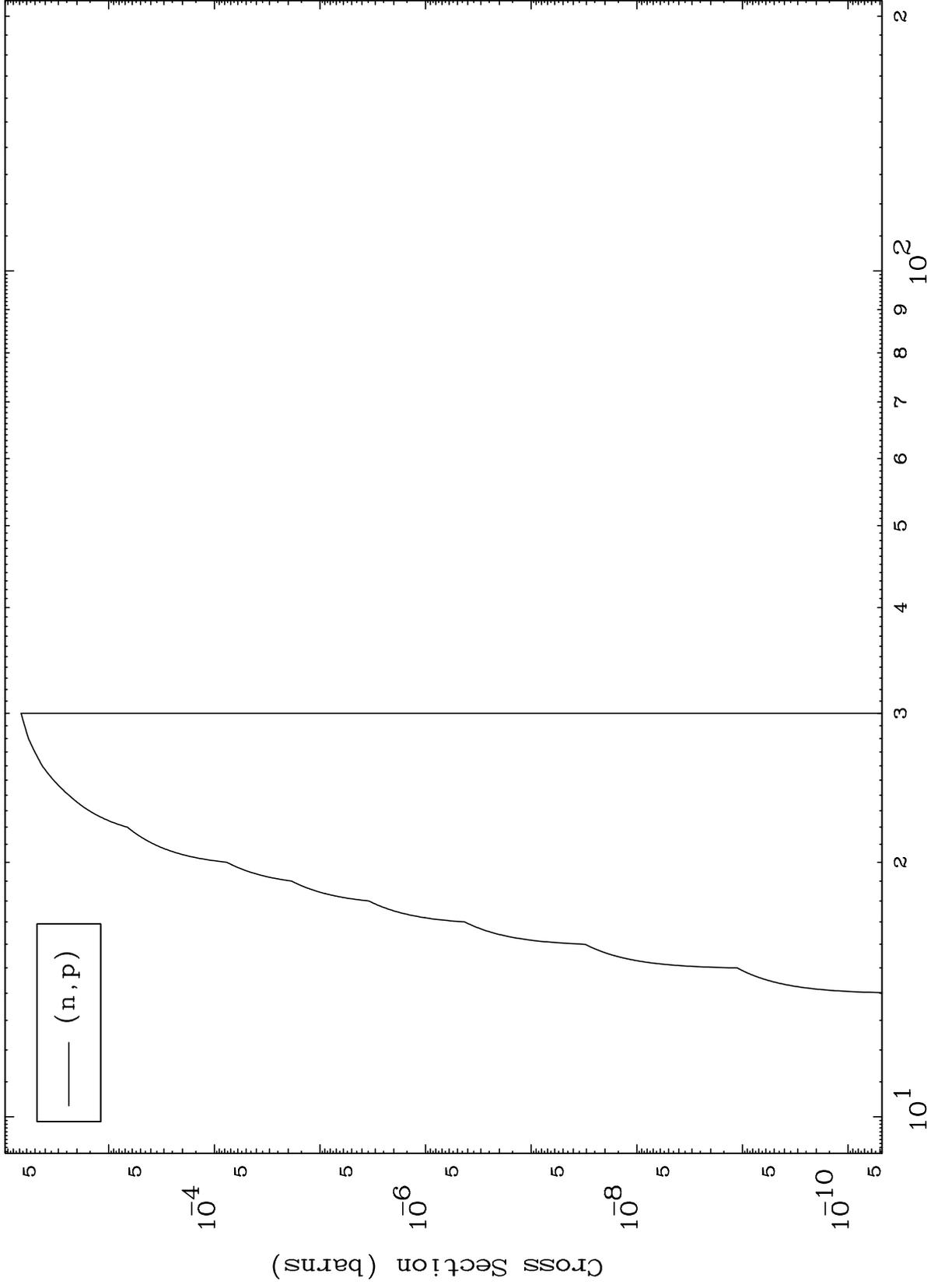




MAT 8398

(α, p) Levels
0 Kelvin Cross Sections

84-Po-197



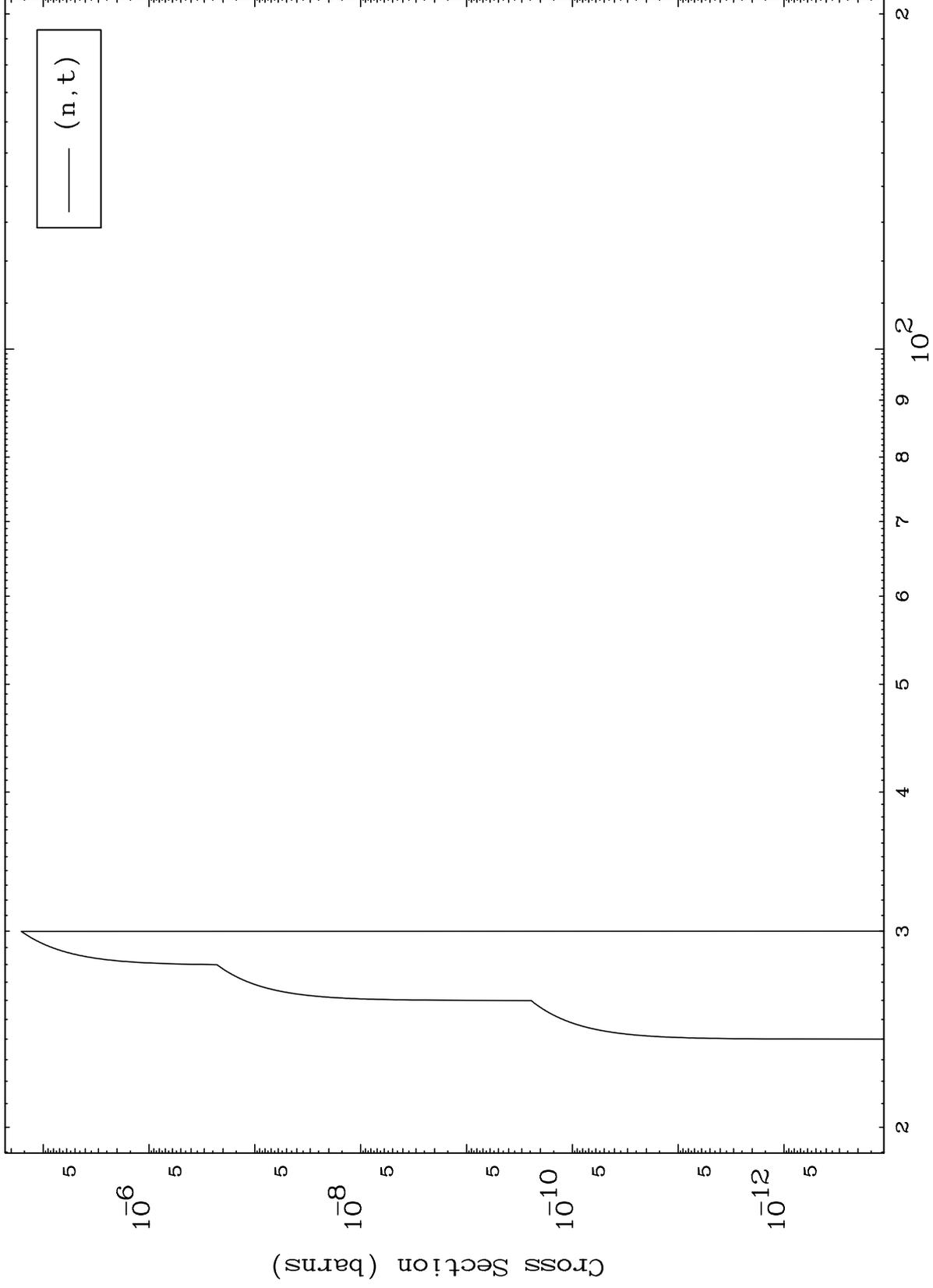
Incident Energy (MeV)

84-Po-197

MAT 8398

(α, t) Levels
0 Kelvin Cross Sections

84-Po-197



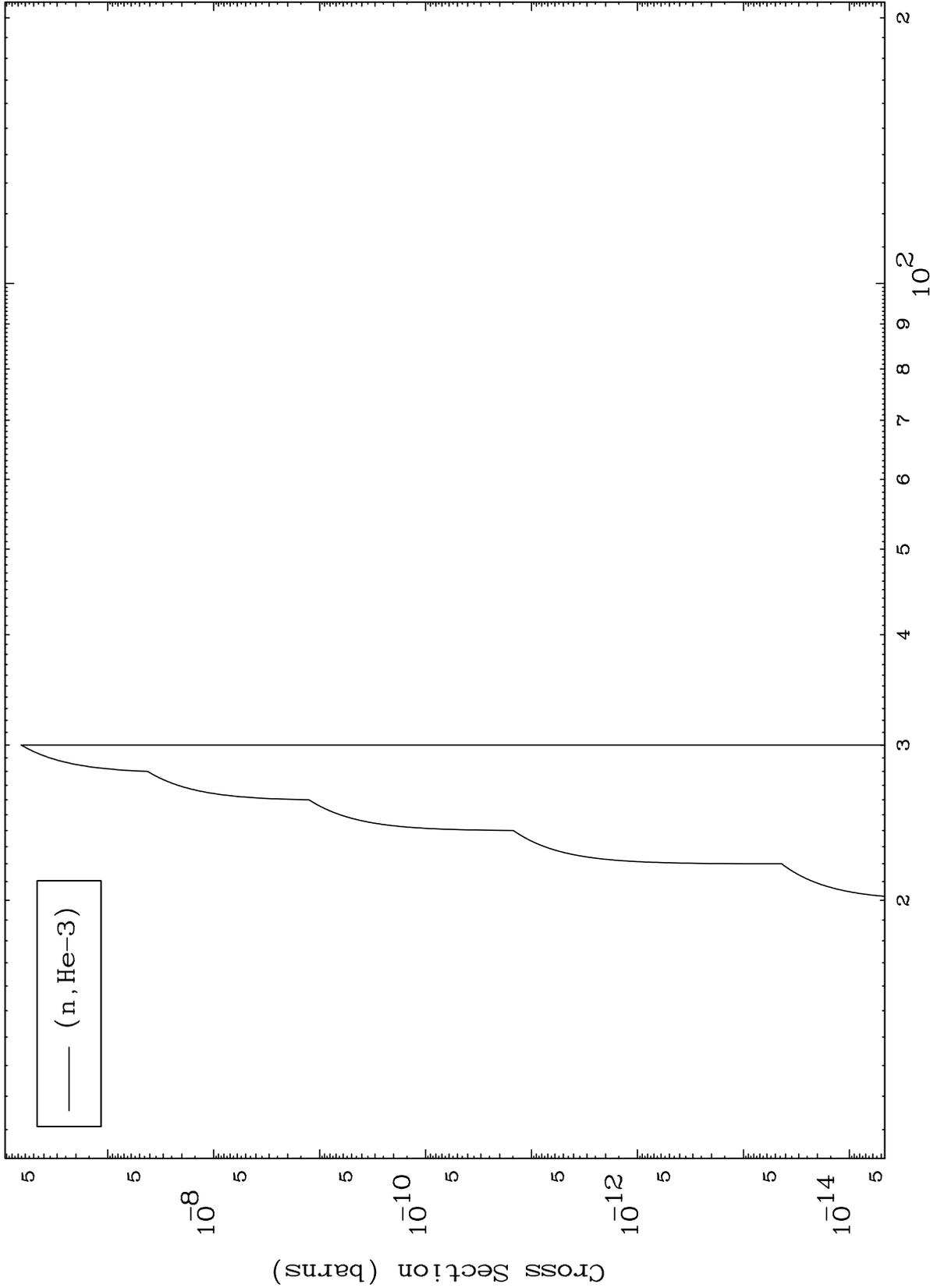
(n, t)

8

Incident Energy (MeV)

84-Po-197

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

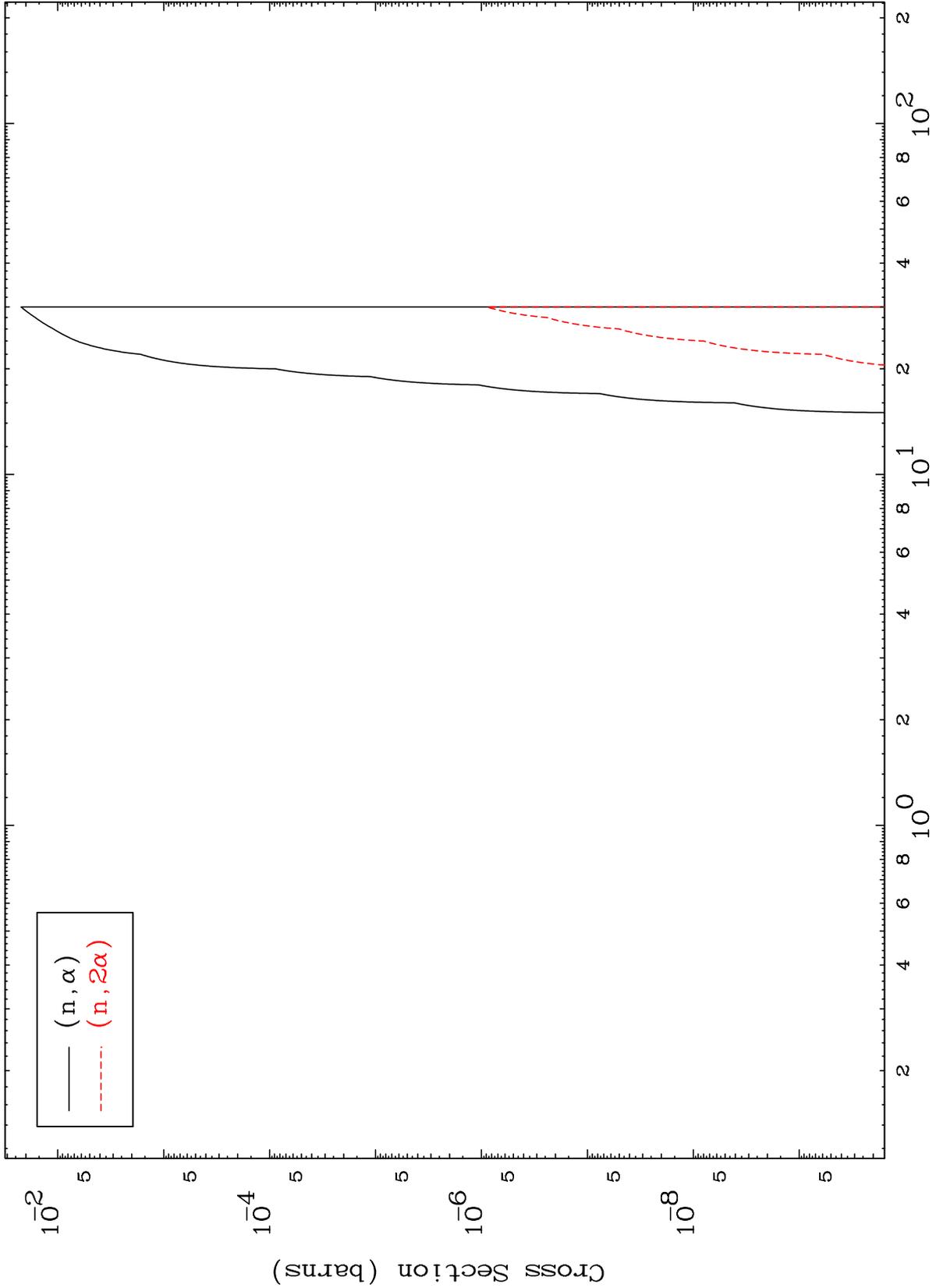


MAT 8398

(α, α) Levels

84-Po-197

0 Kelvin Cross Sections



10

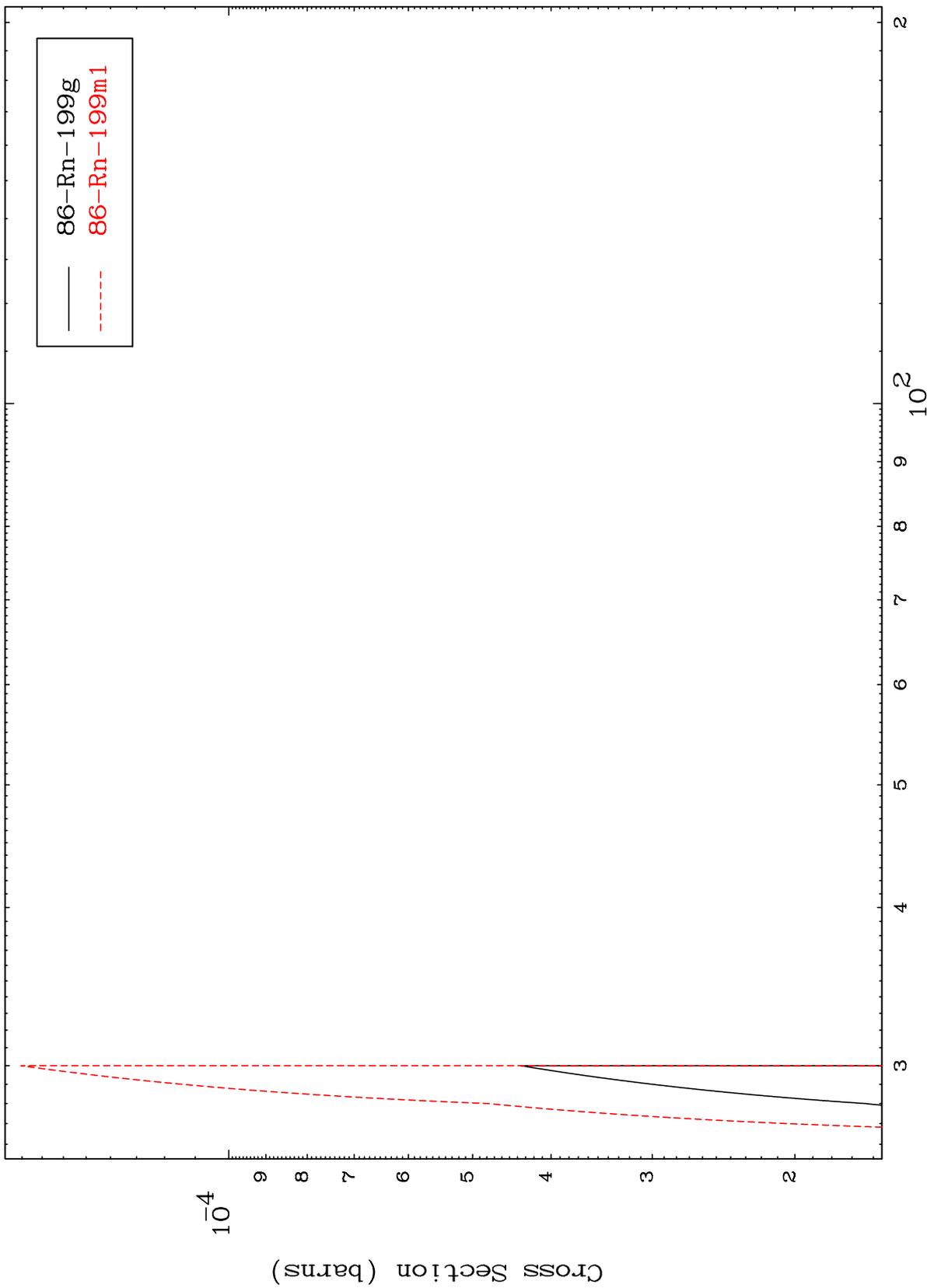
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,2n)
Radionuclide Production Cross Section



84-Po-197

Incident Energy (MeV)

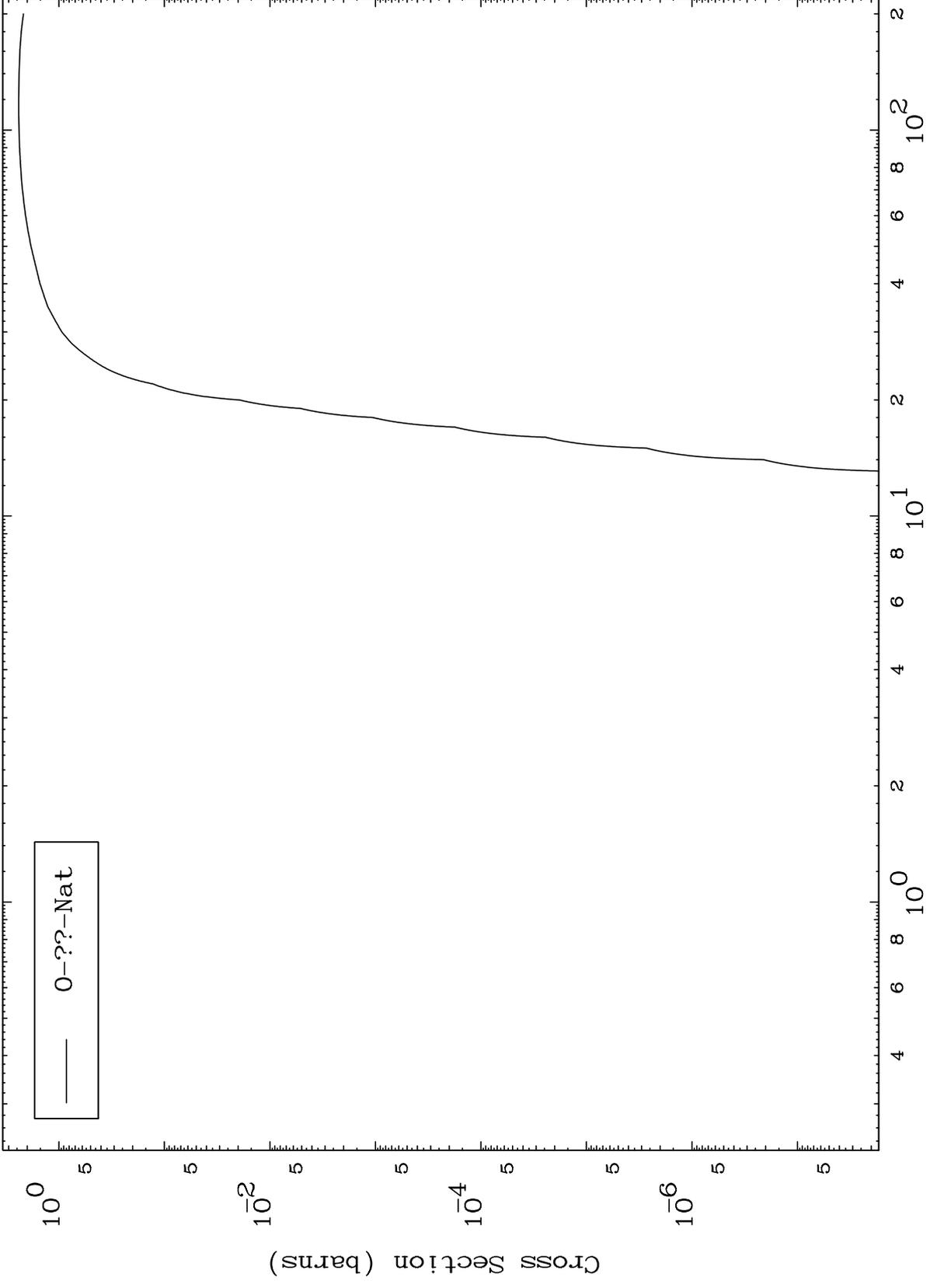
11

MAT 8398

Fission

84-Po-197

Radionuclide Production Cross Section

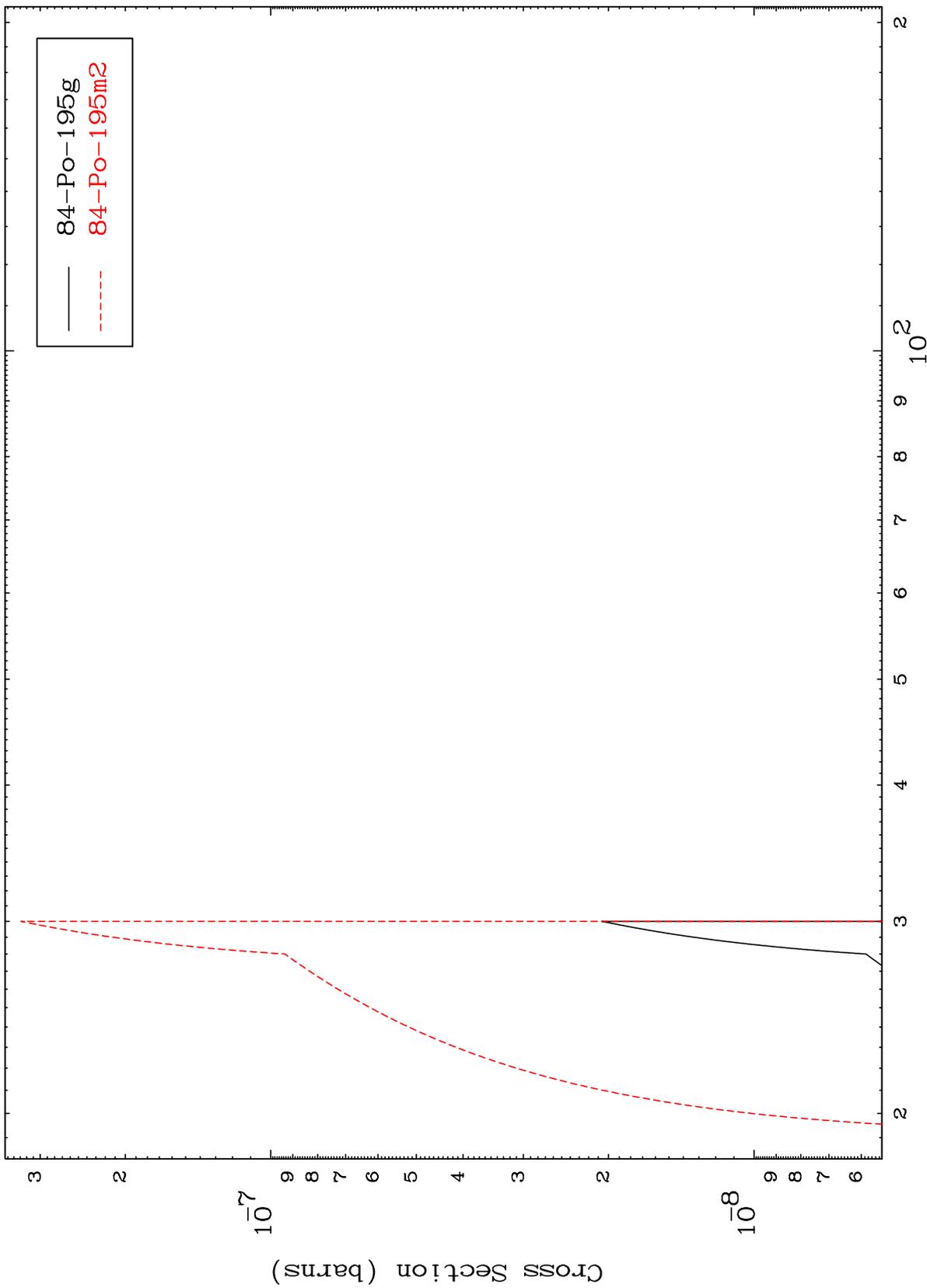


MAT 8398

$(n,2n) \alpha$

84-Po-197

Radionuclide Production Cross Section



84-Po-195g
84-Po-195m2

13

Incident Energy (MeV)

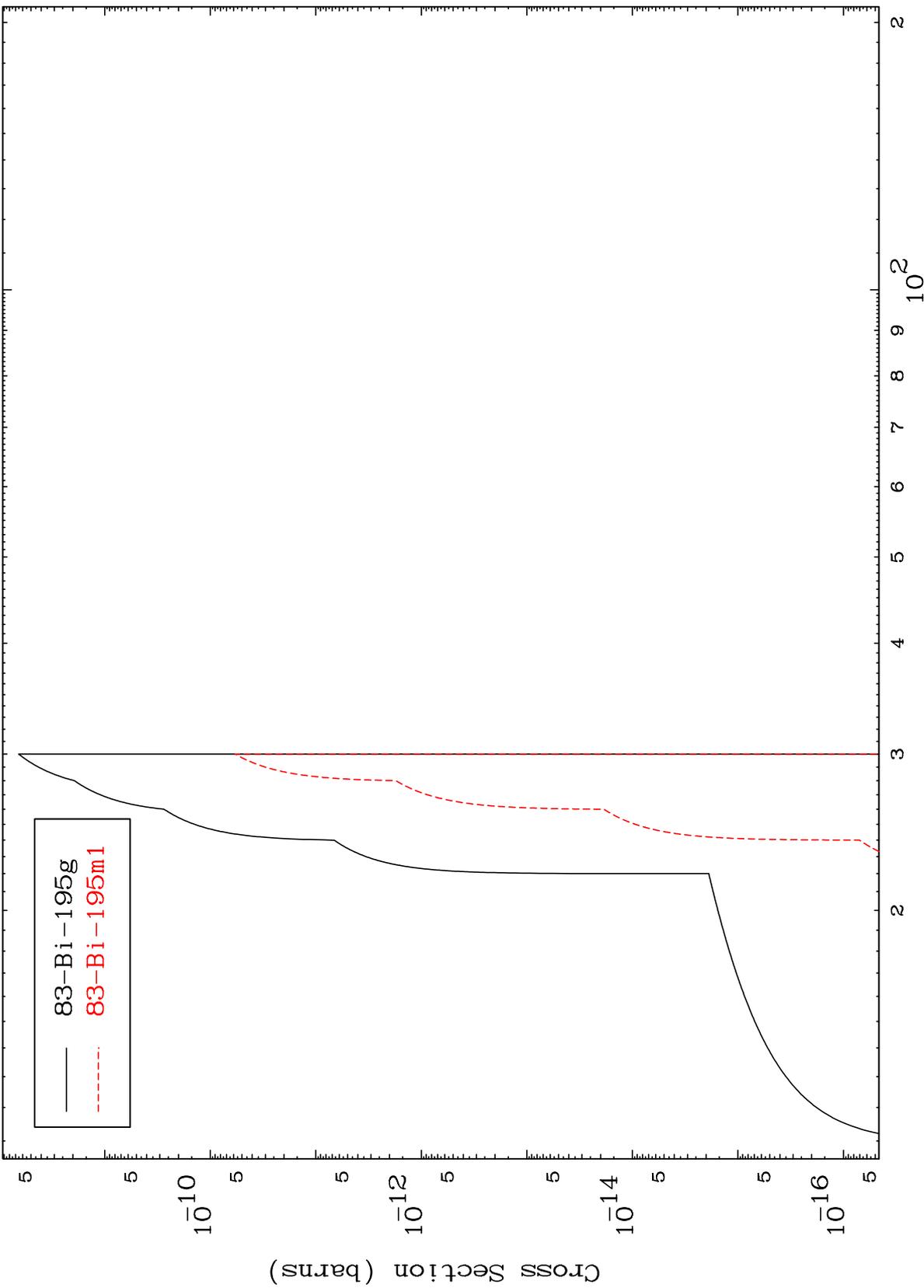
84-Po-197

MAT 8398

(n,n') p α

84-Po-197

Radionuclide Production Cross Section



14

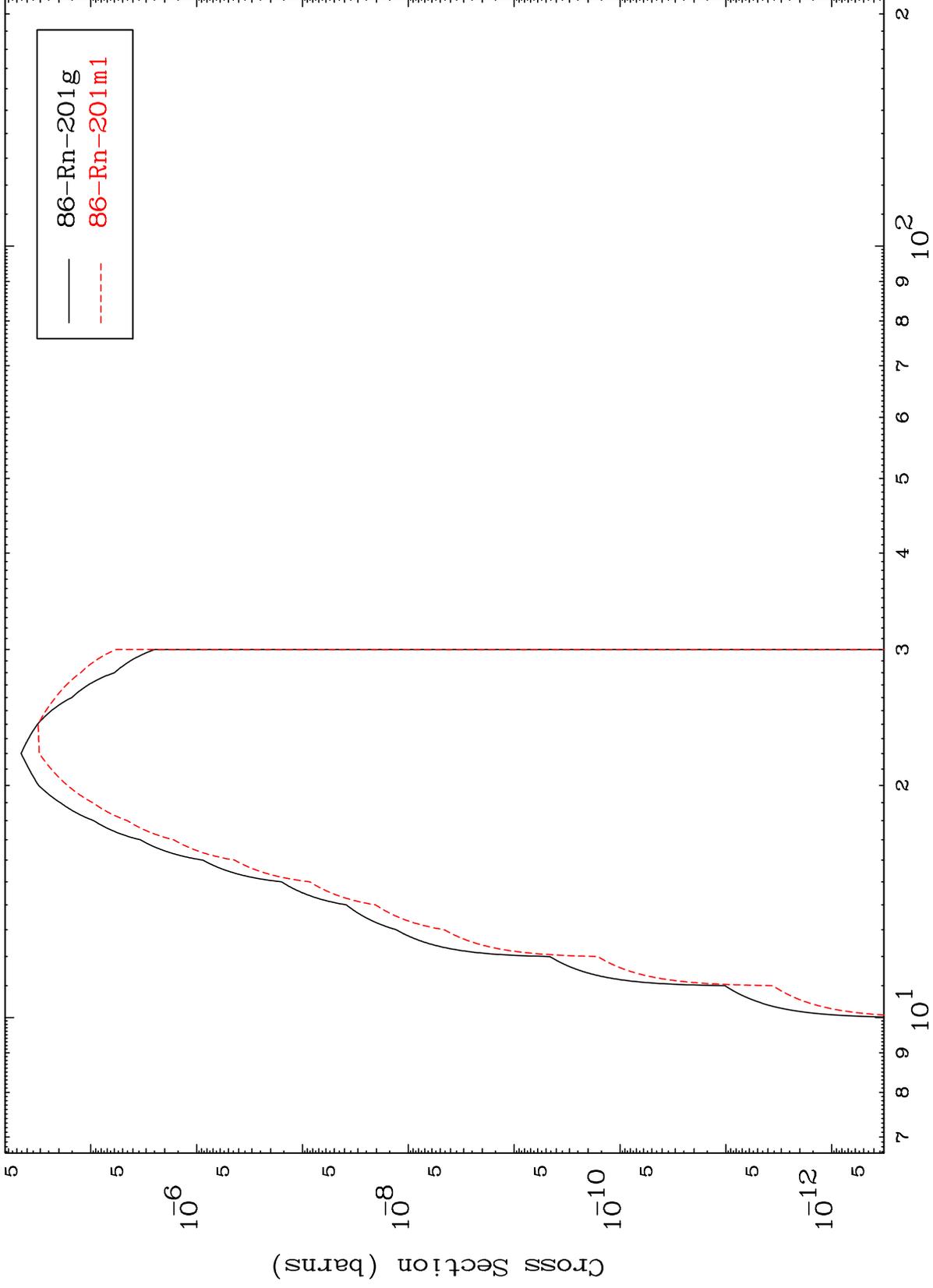
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n, γ)
Radionuclide Production Cross Section



15

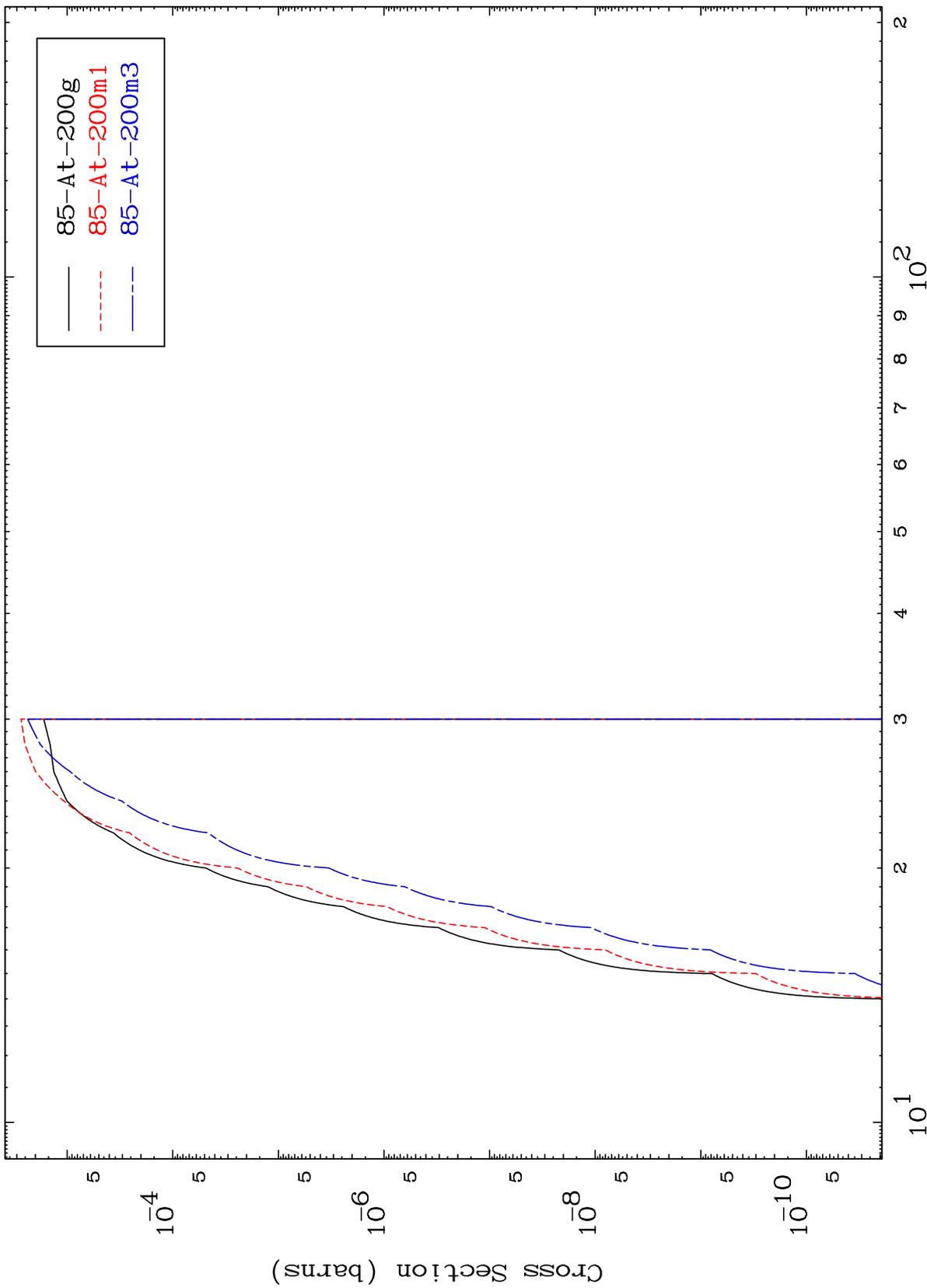
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,p)
Radionuclide Production Cross Section



84-Po-197

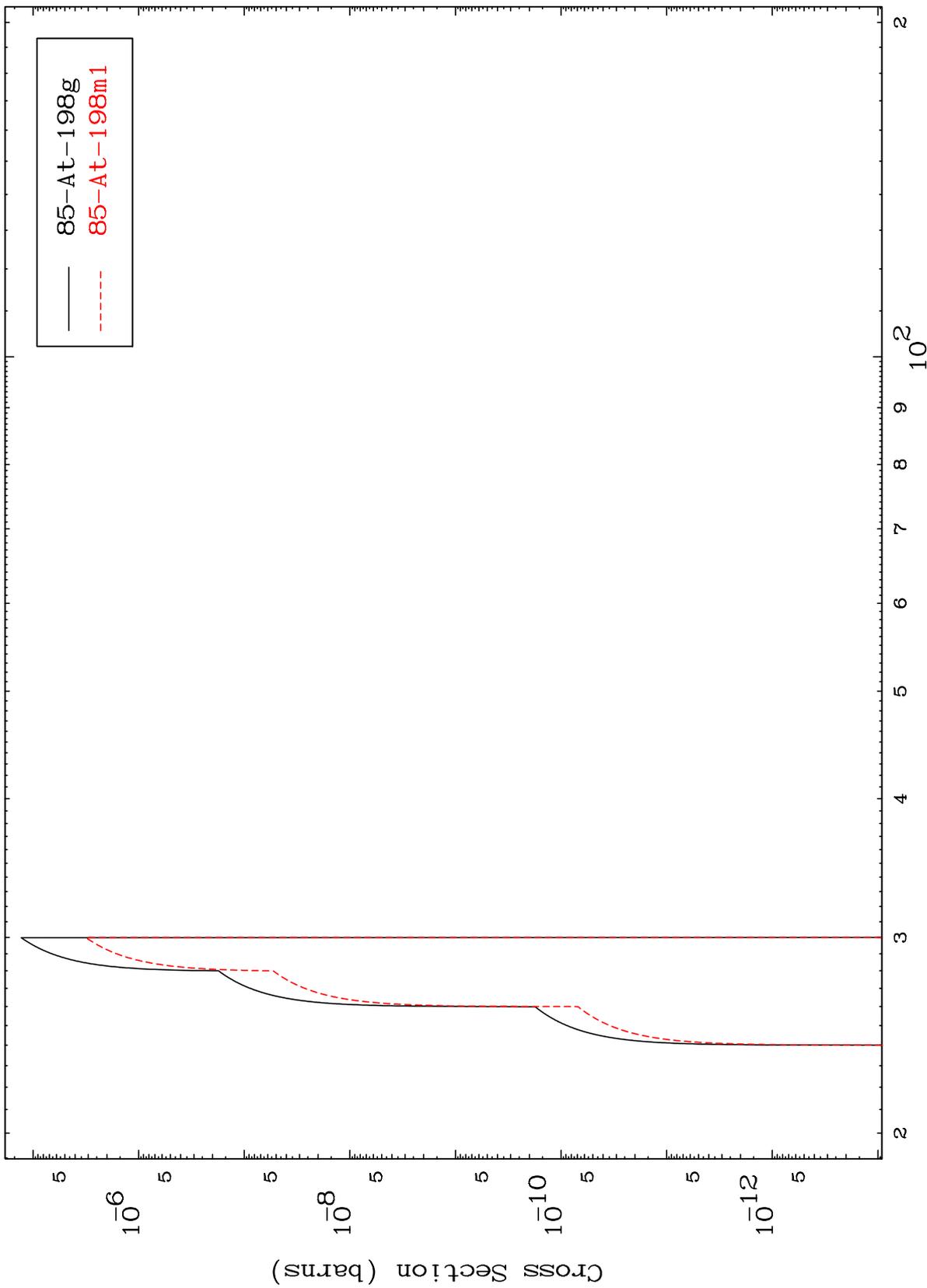
Incident Energy (MeV)

16

MAT 8398

84-Po-197

(n,t)
Radionuclide Production Cross Section



84-Po-197

Incident Energy (MeV)

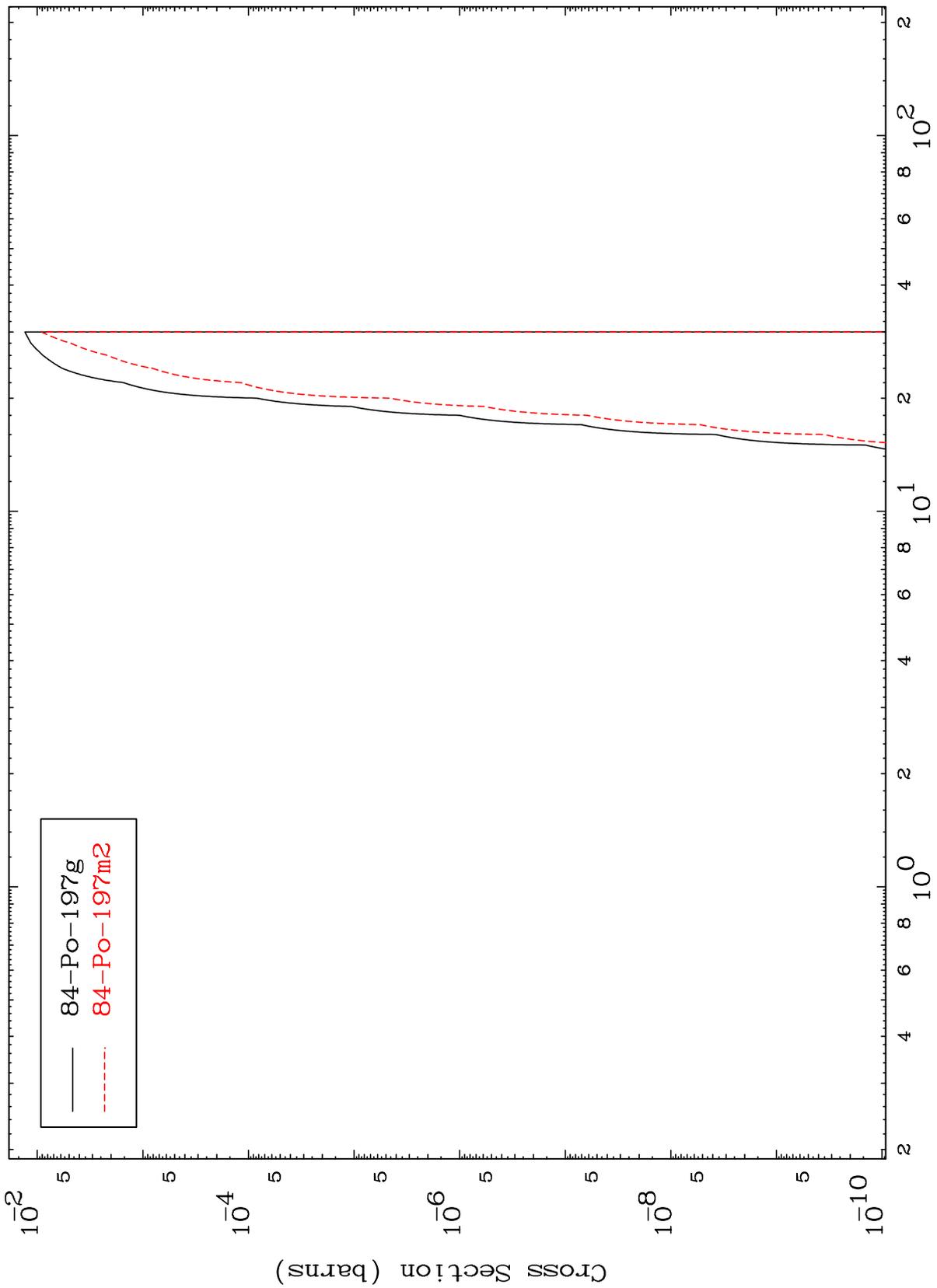
17

MAT 8398

(n, α)

84-Po-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

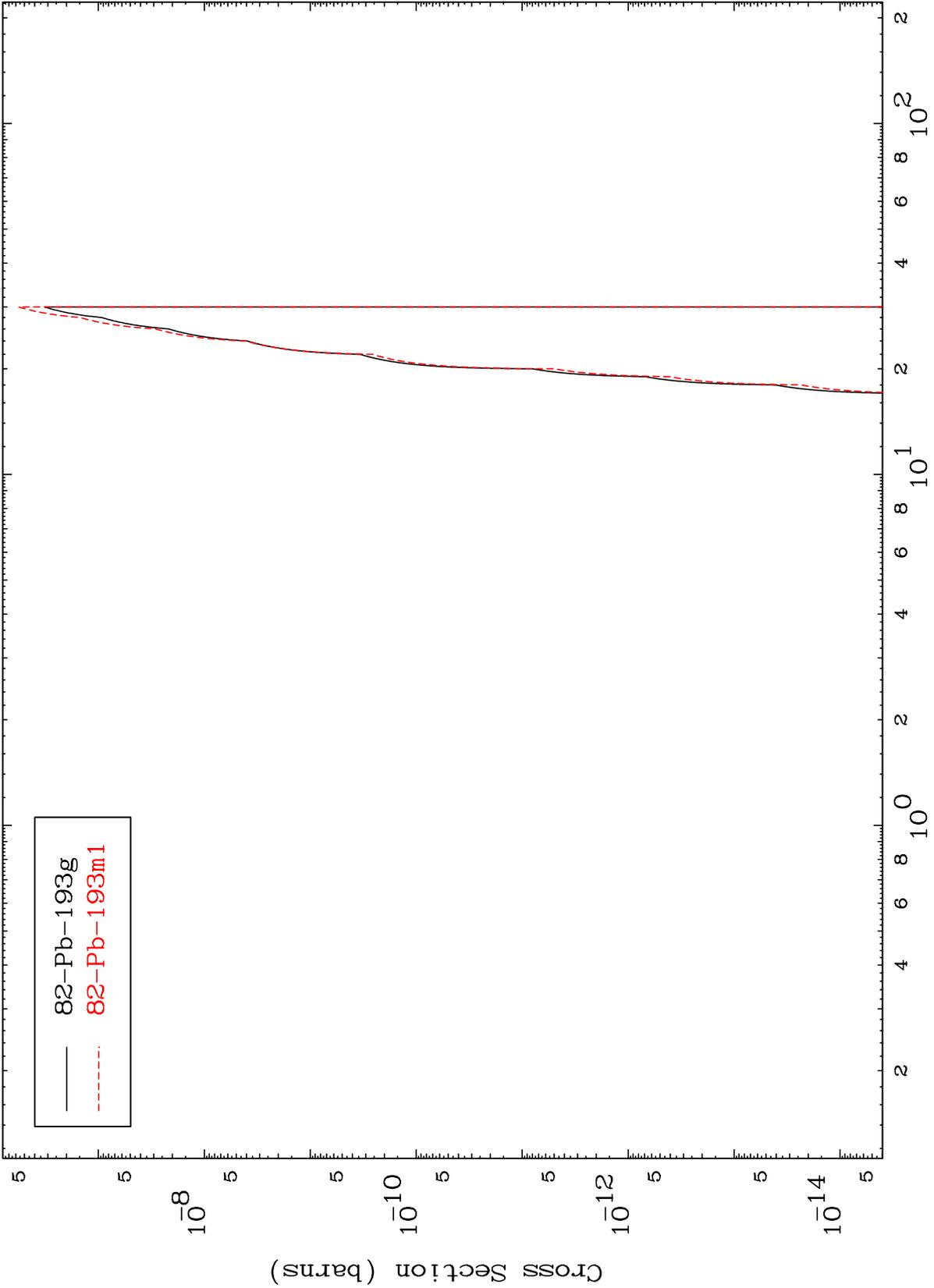
84-Po-197

MAT 8398

(n,2α)

84-Po-197

Radionuclide Production Cross Section



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

19

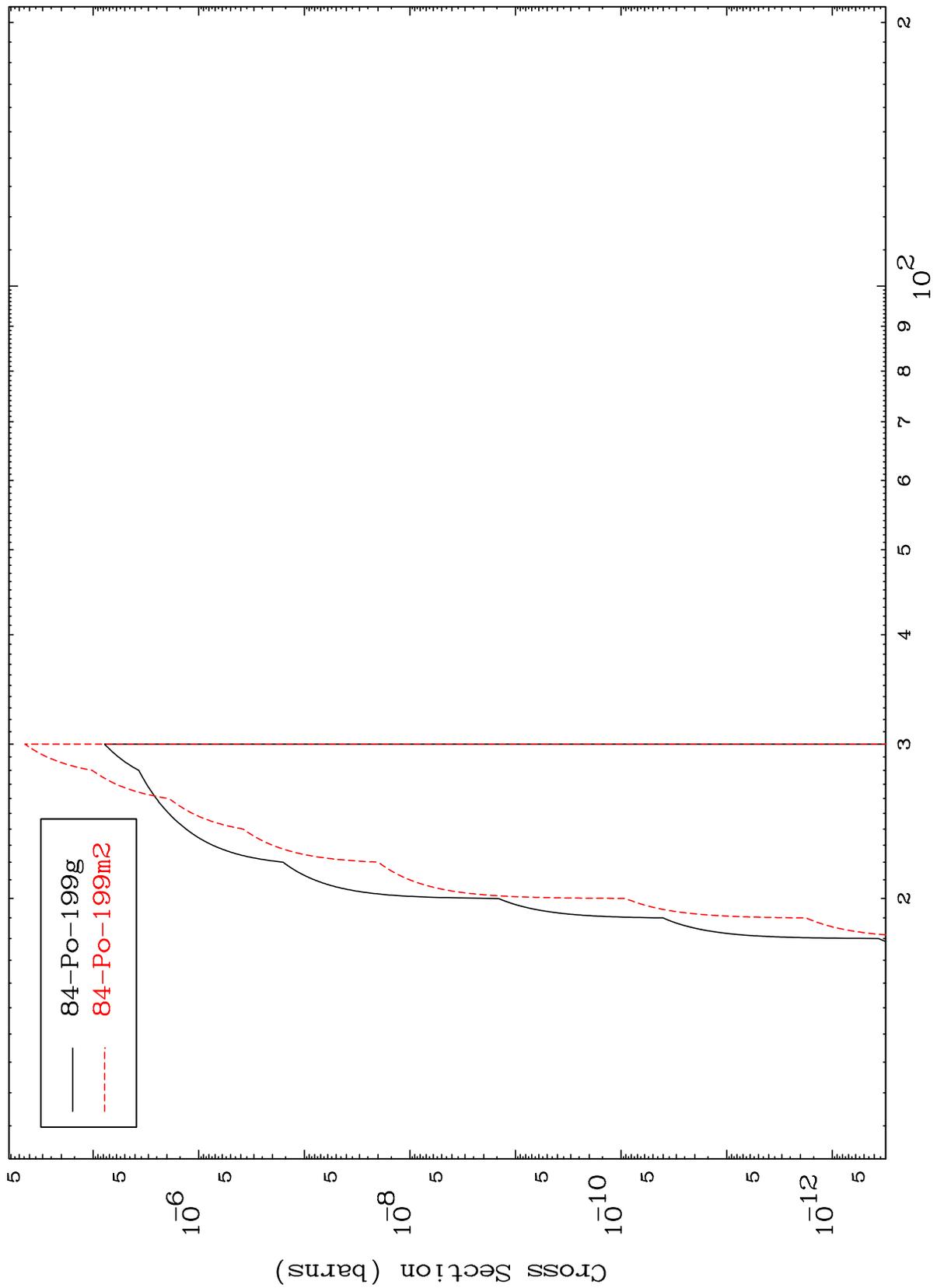
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

84-Po-197

MAT 8398

(n,p) α

84-Po-197

Radionuclide Production Cross Section

