

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

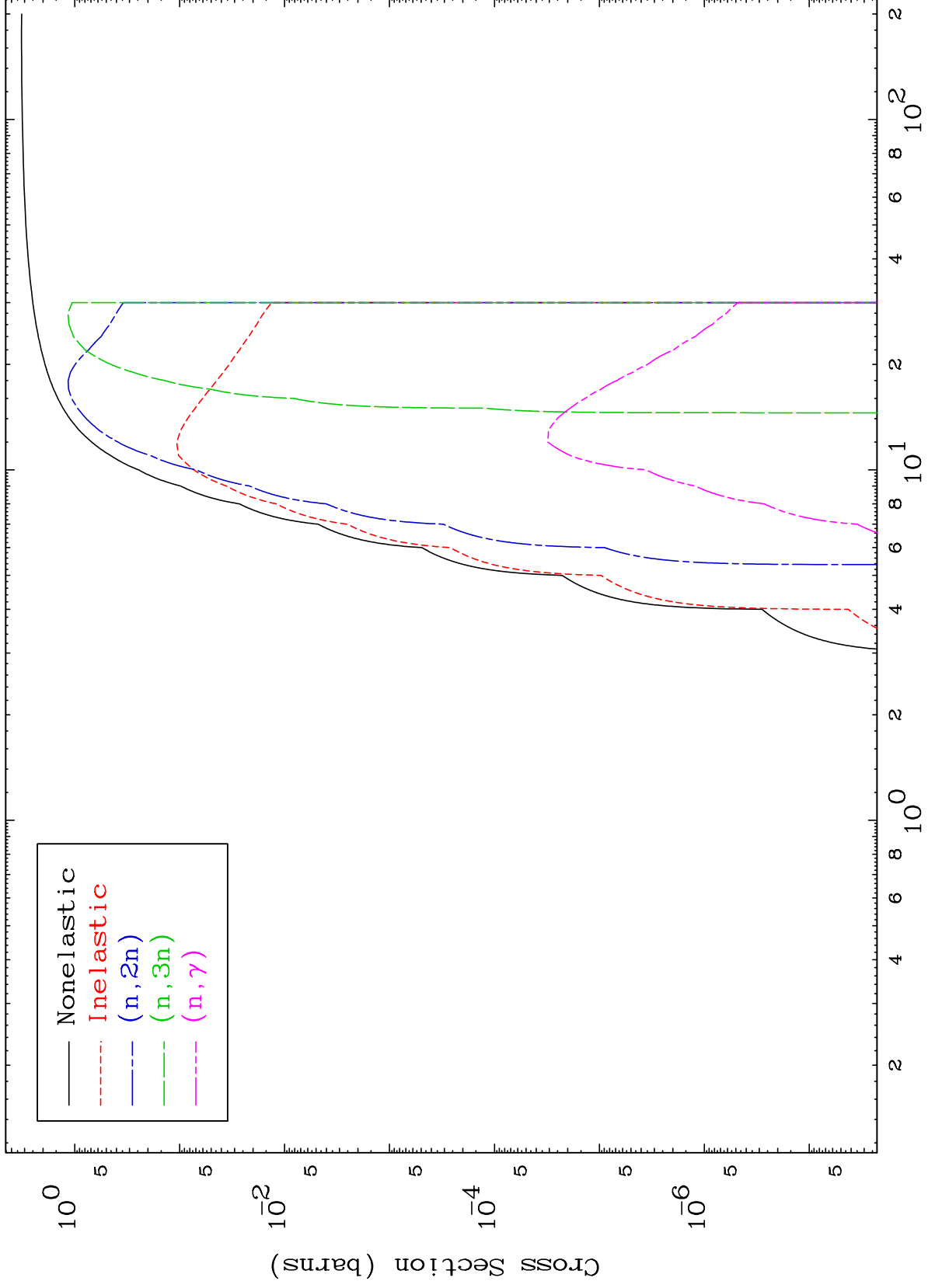
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8310

Deuteron Major
0 Kelvin Cross Sections

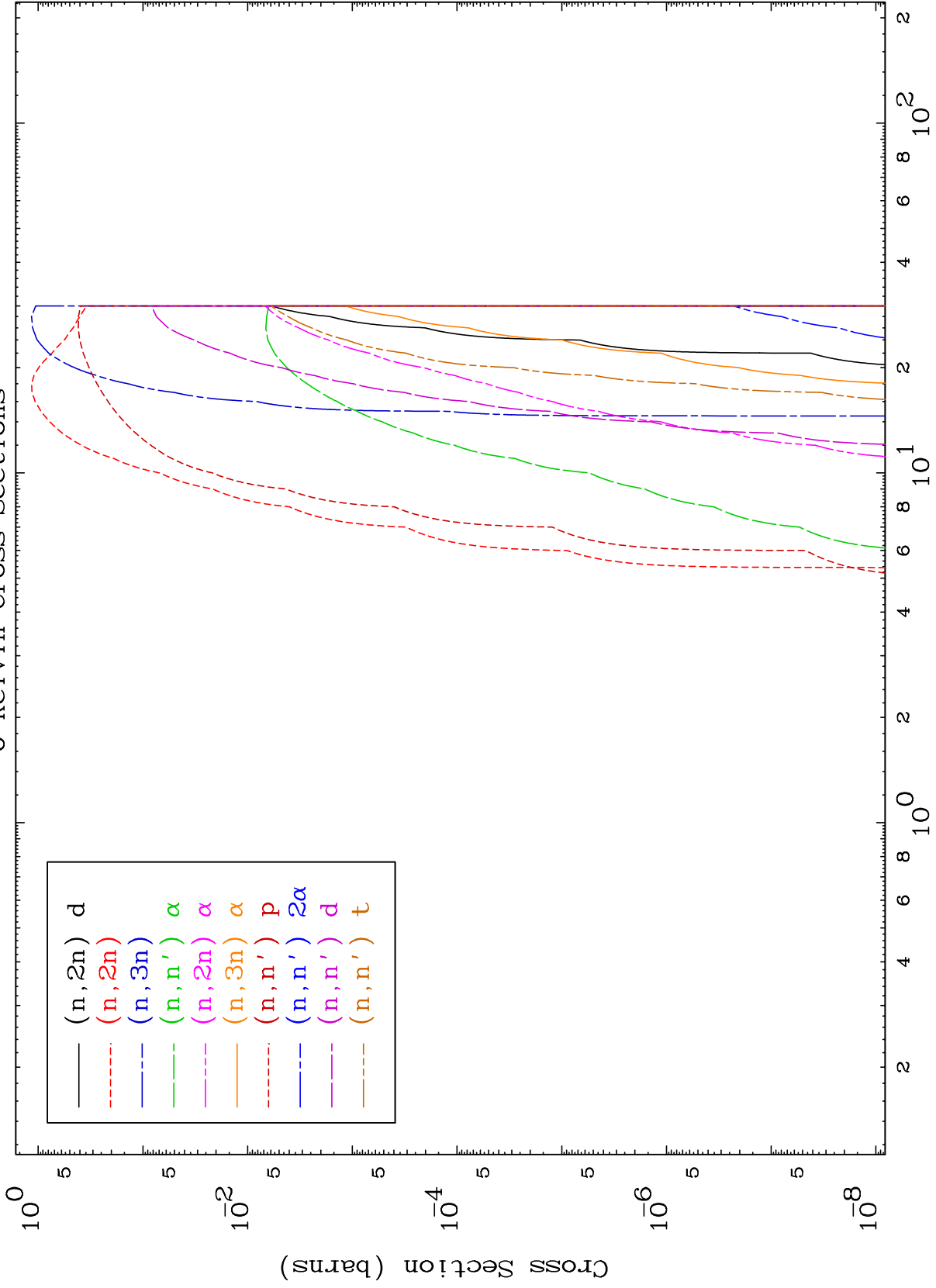
83-Bi-204

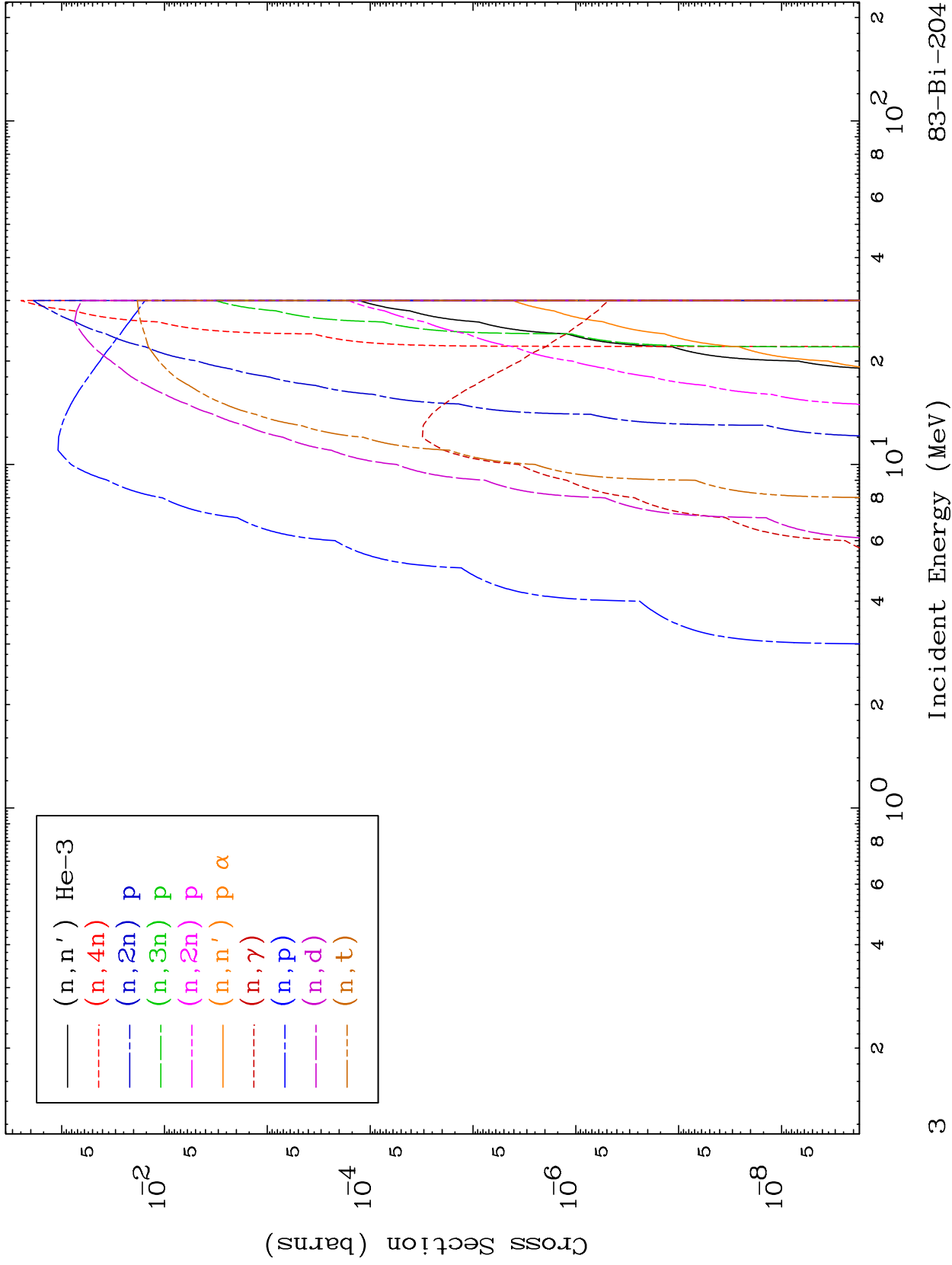


MAT 8310

Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-204

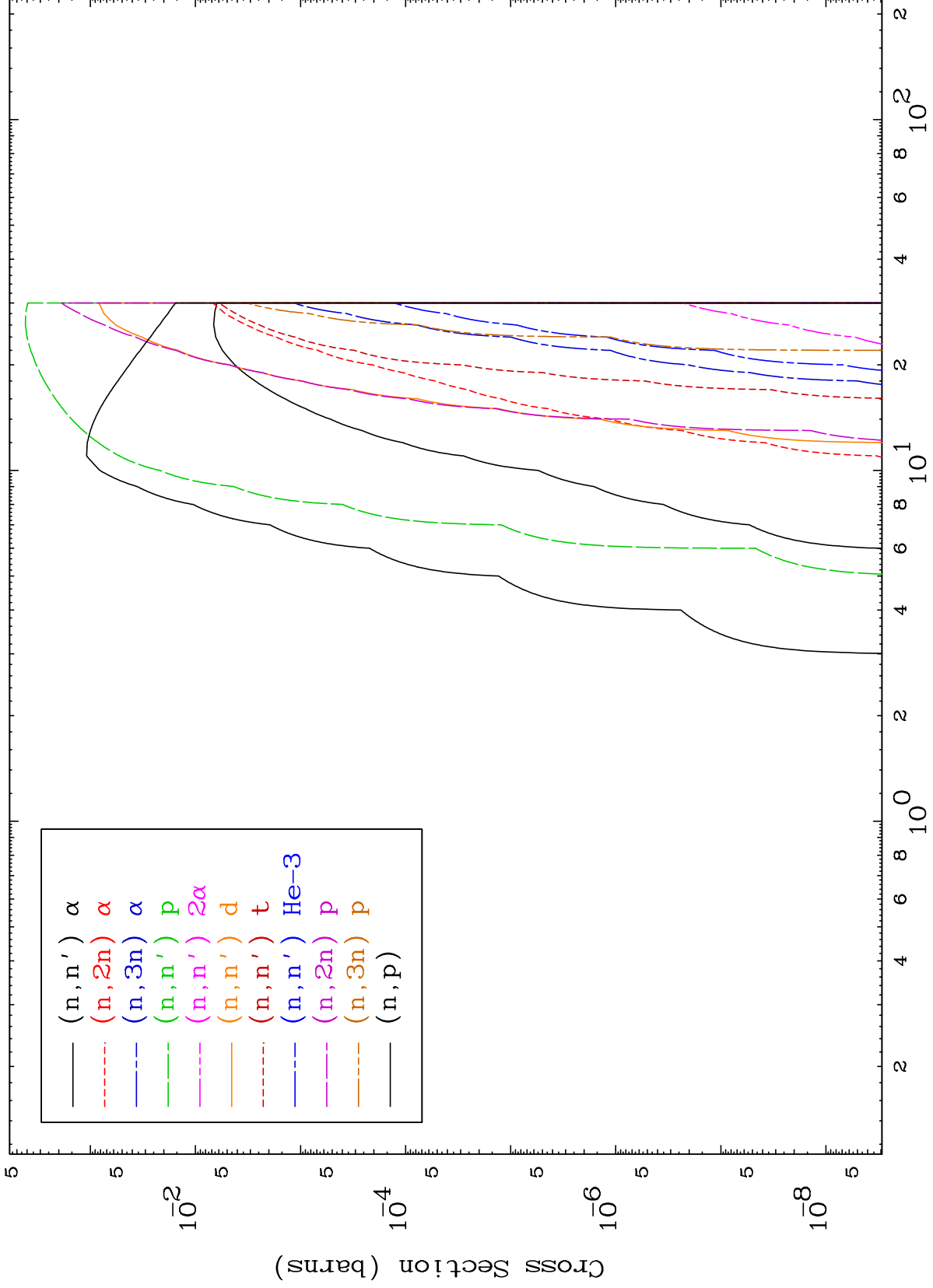




MAT 8310

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-204



5

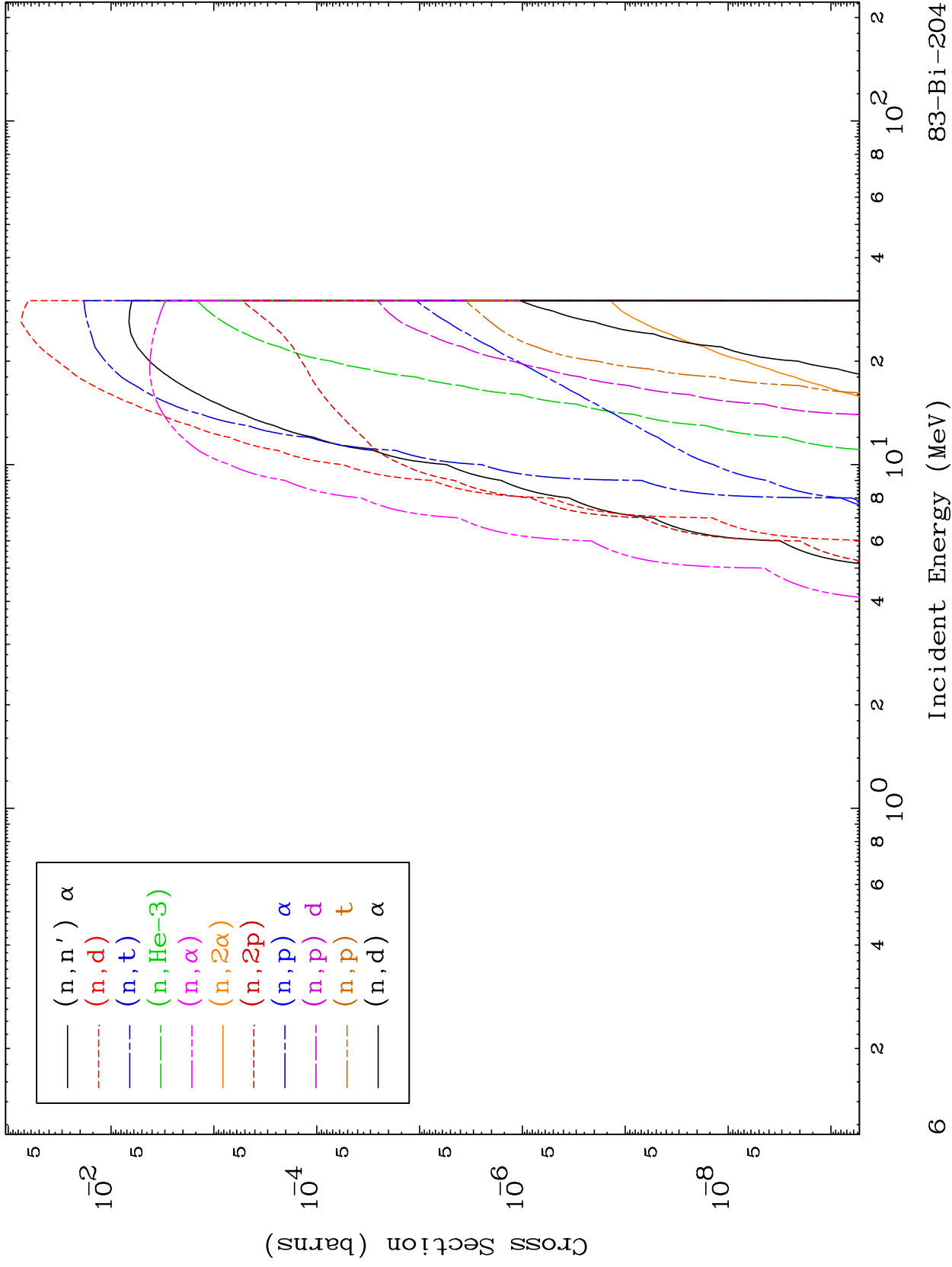
Incident Energy (MeV)

83-Bi-204

MAT 8310

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-204



83-Bi-204

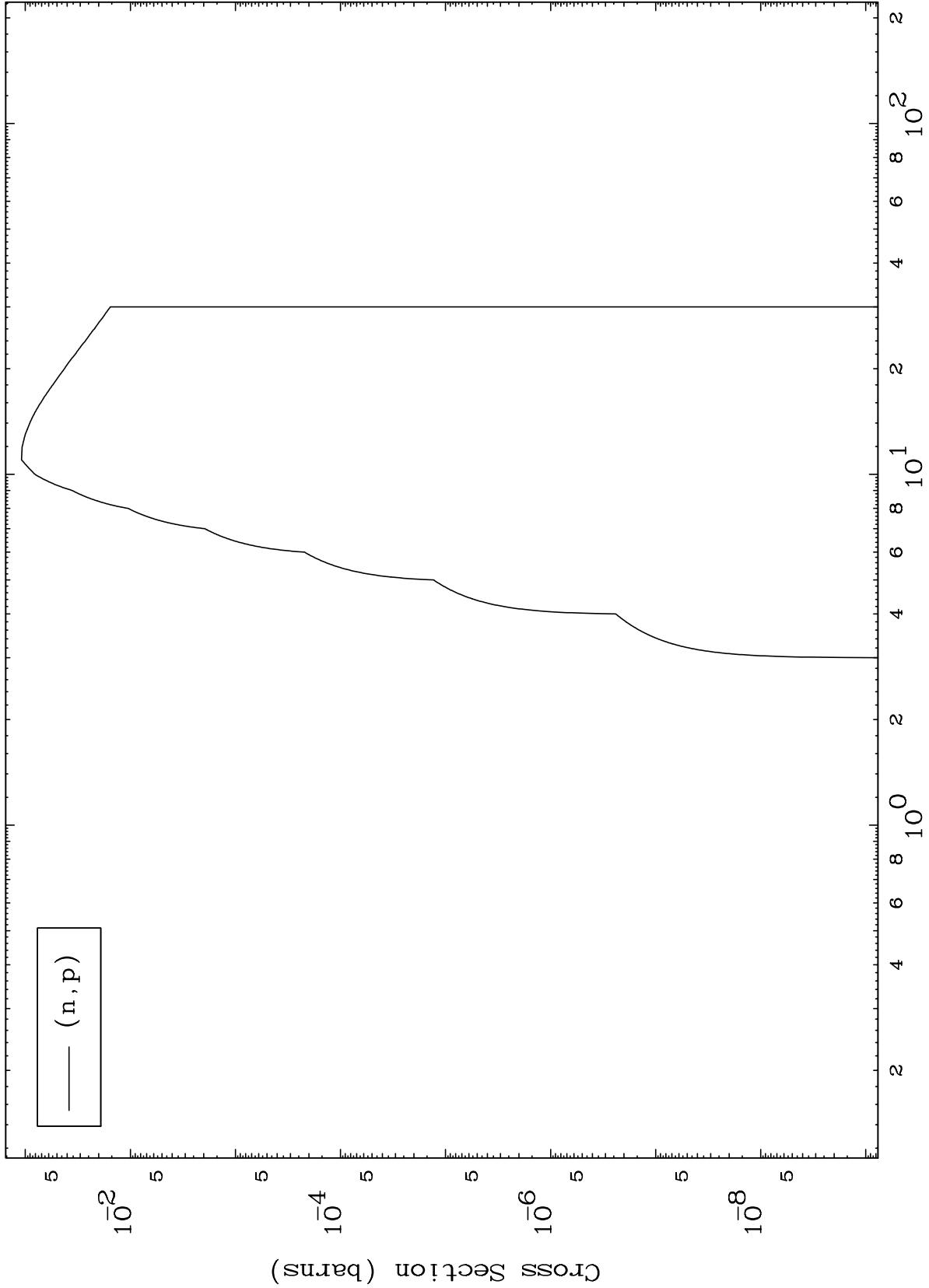
Incident Energy (MeV)

MAT 8310

(d,p) Levels

83-Bi-204

0 Kelvin Cross Sections

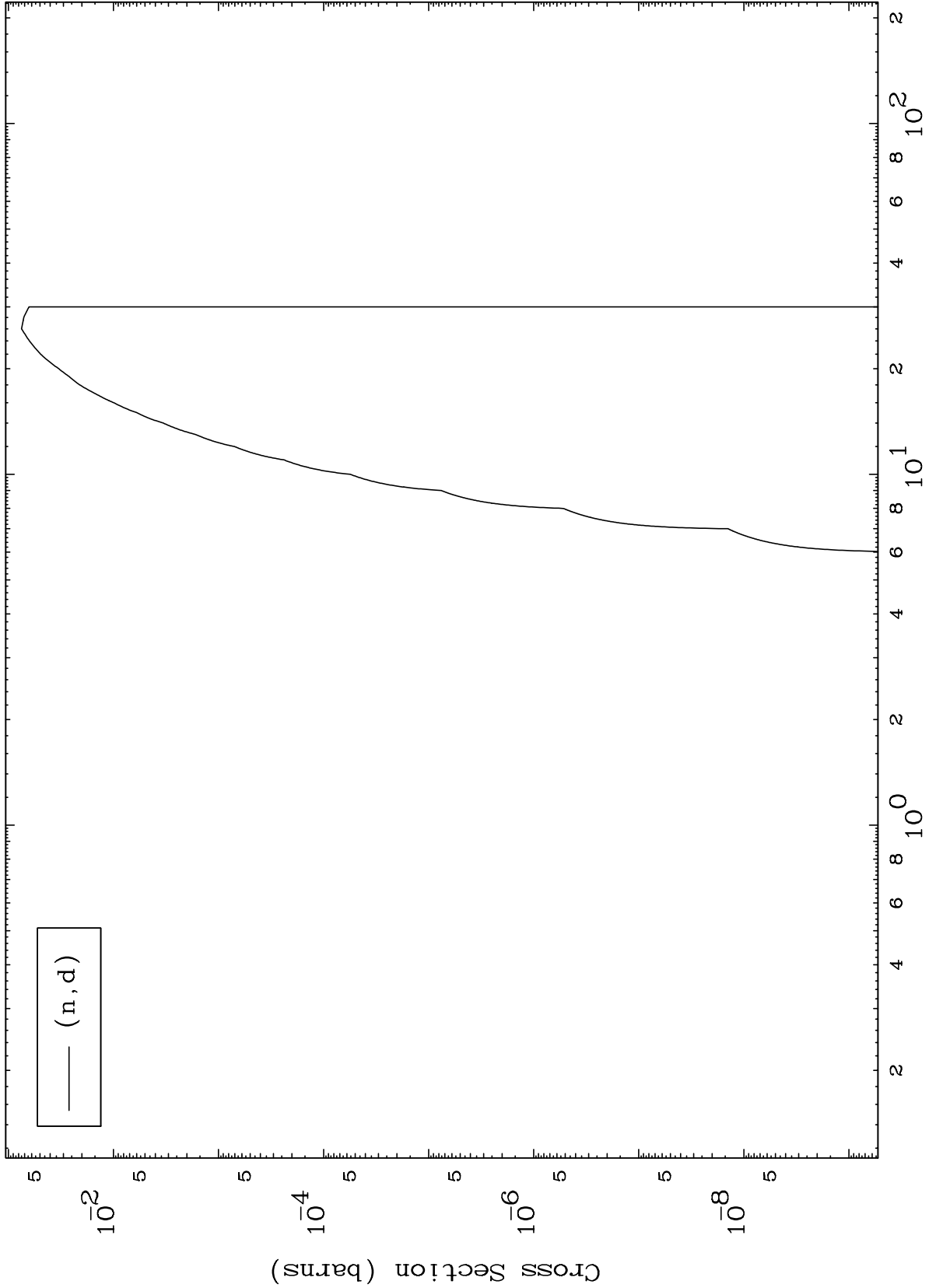


MAT 8310

(d,d) Levels

83-Bi-204

0 Kelvin Cross Sections

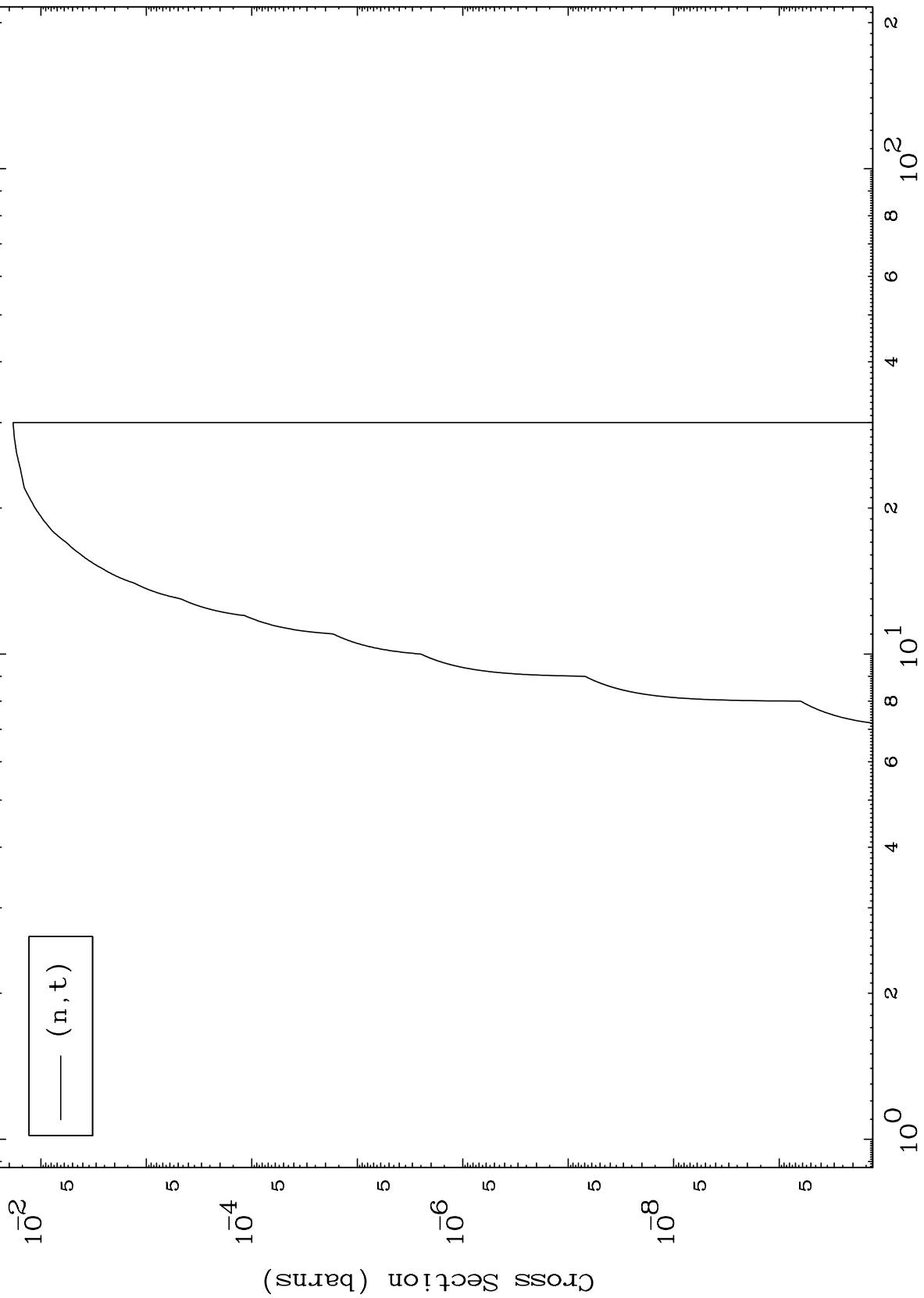


MAT 8310

(d,t) Levels

83-Bi-204

0 Kelvin Cross Sections



(n,t)

Incident Energy (MeV)

83-Bi-204

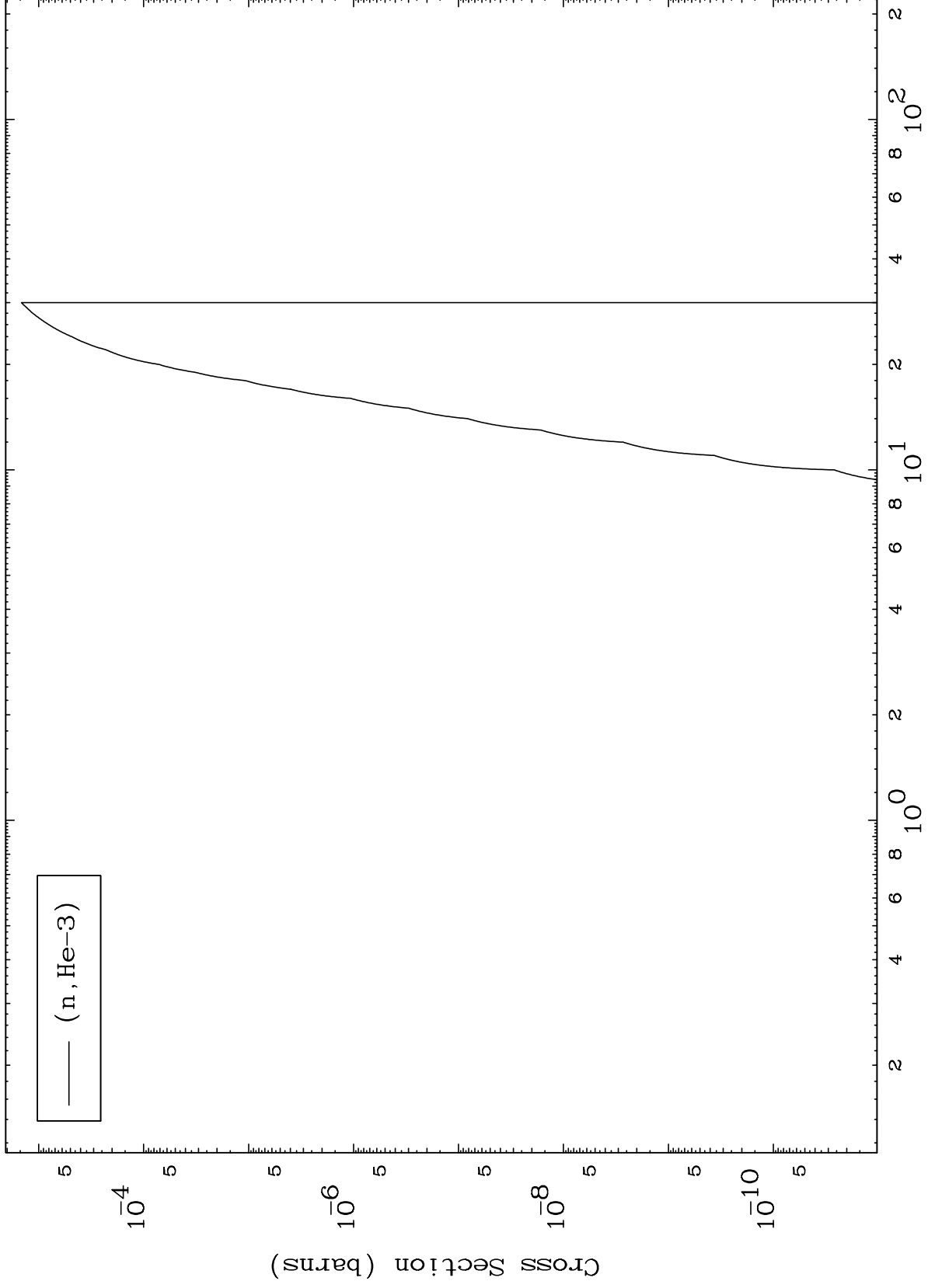
9

MAT 8310

(d,He3) Levels

83-Bi-204

0 Kelvin Cross Sections



10

Incident Energy (MeV)

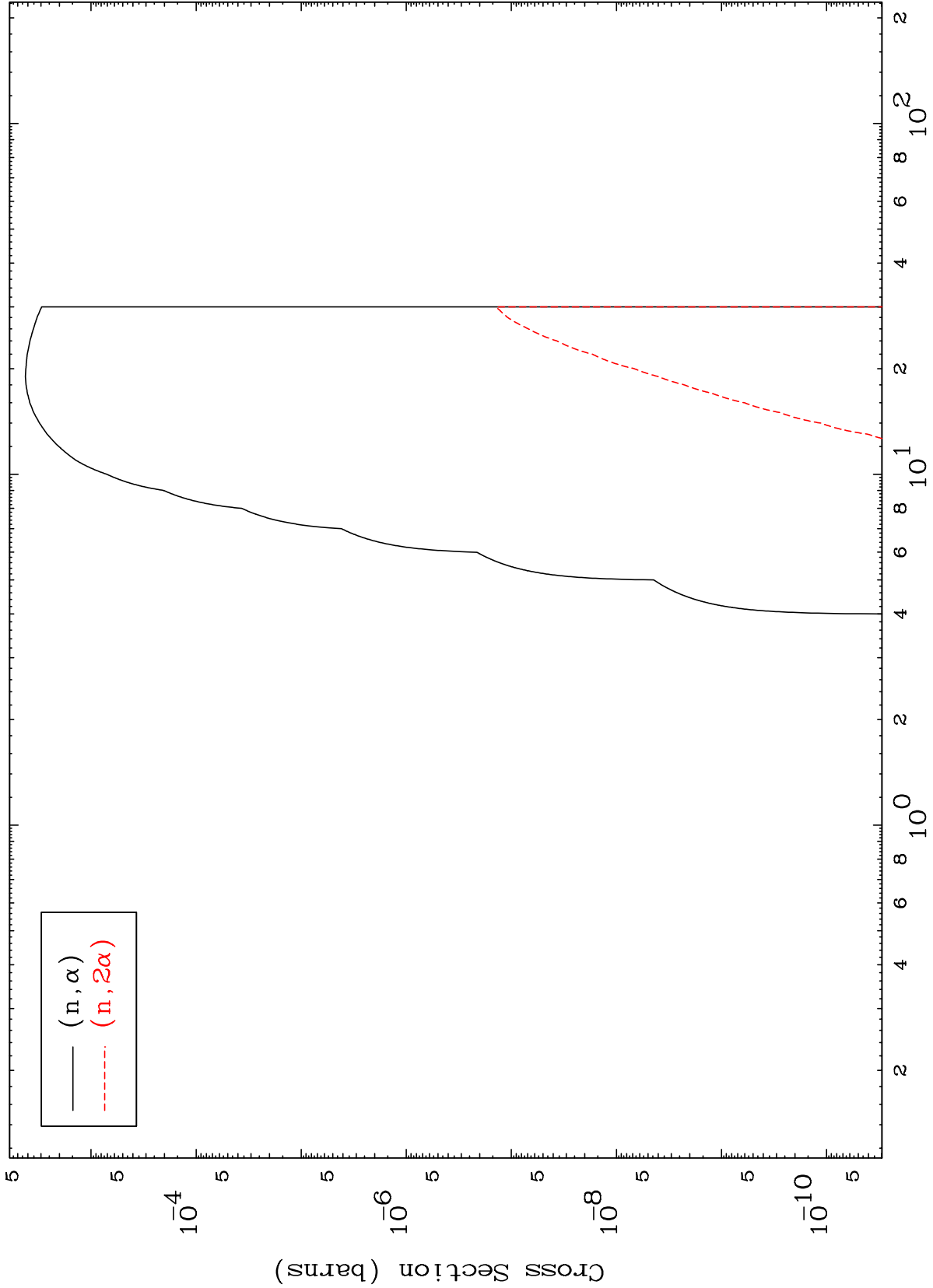
83-Bi-204

MAT 8310

(d, α) Levels

83-Bi-204

0 Kelvin Cross Sections

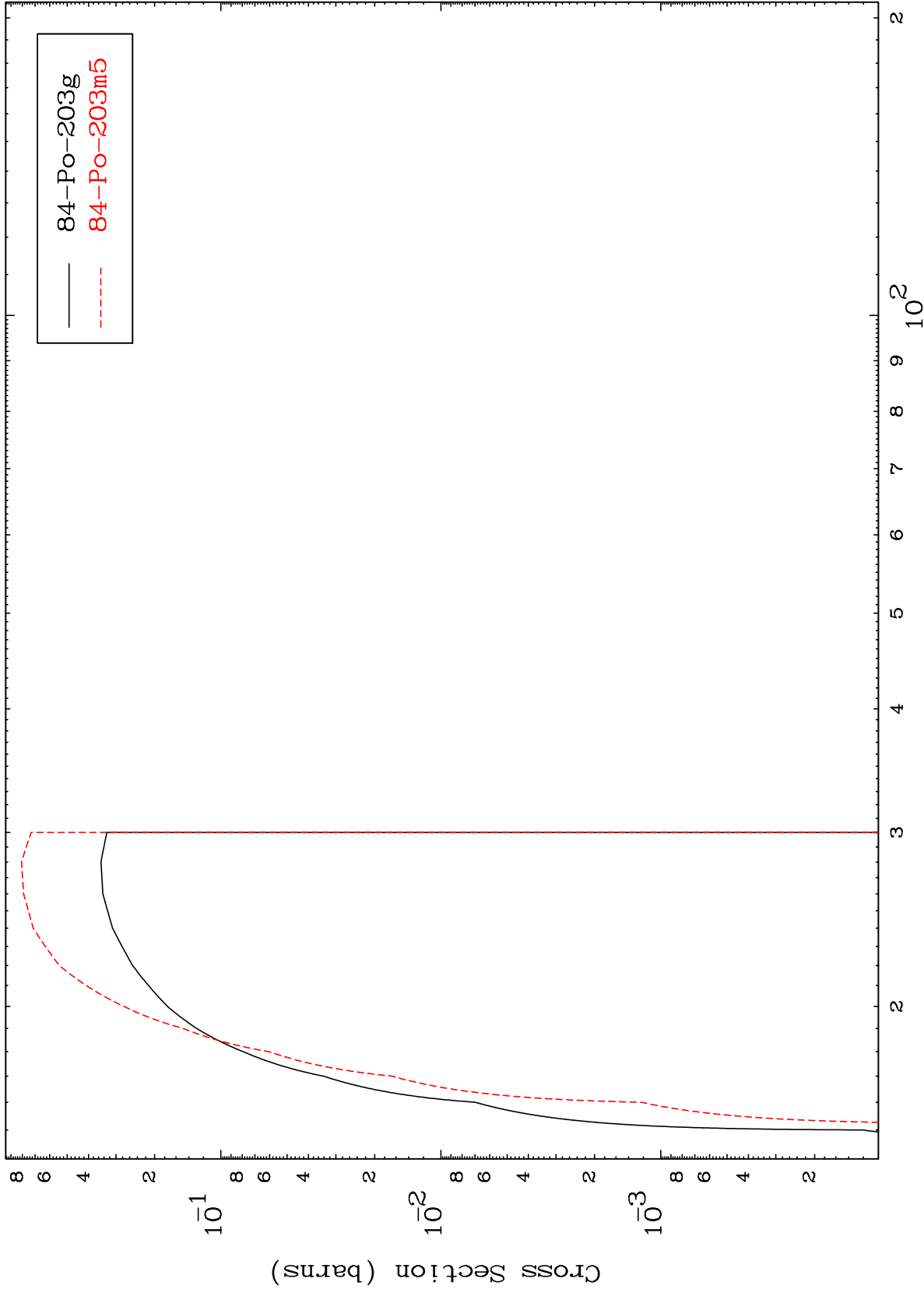


MAT 8310

(n,3n)

83-Bi-204

Radionuclide Production Cross Section



12

Incident Energy (MeV)

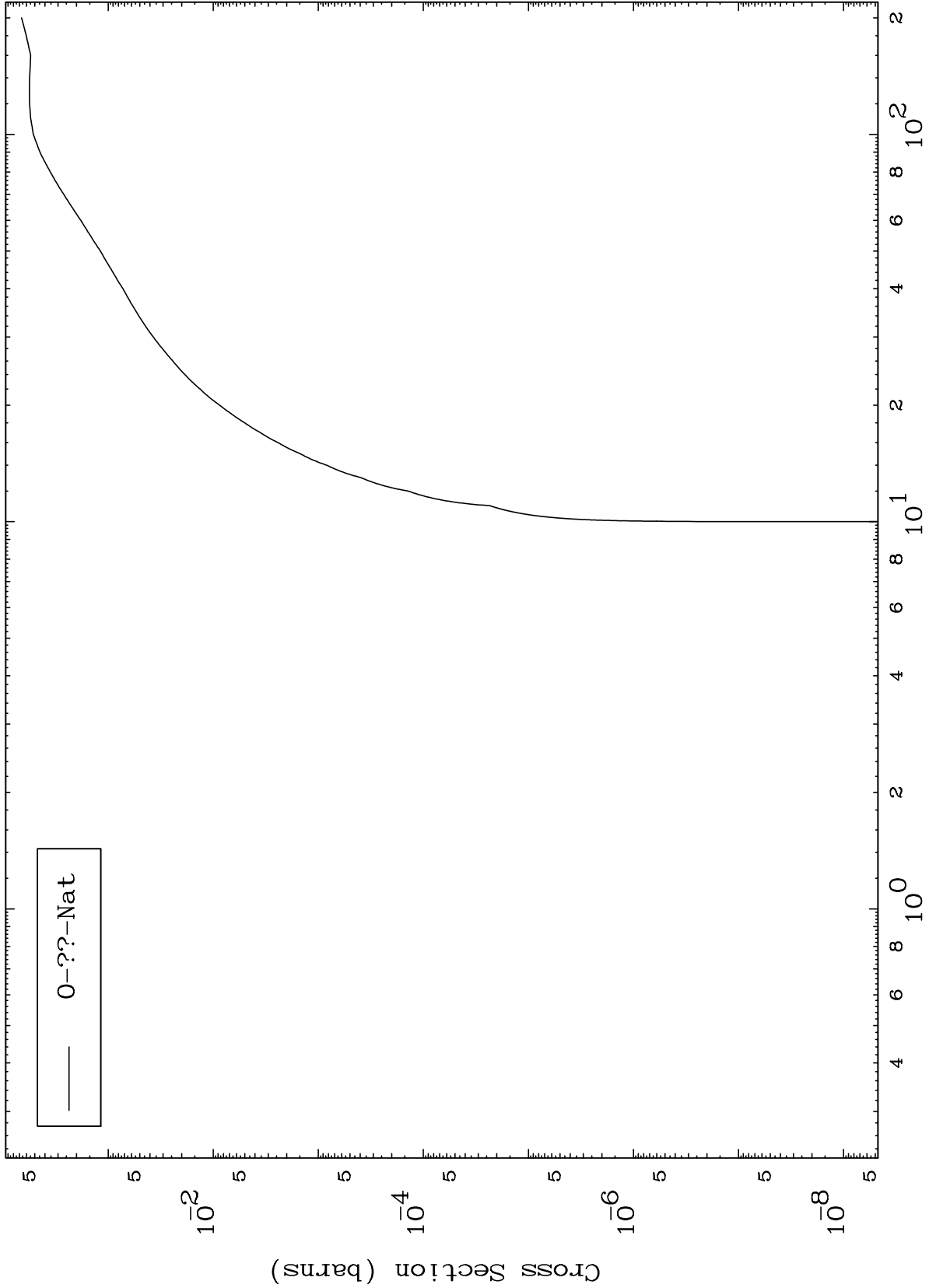
83-Bi-204

MAT 8310

Fission

83-Bi-204

Radionuclide Production Cross Section



13

Incident Energy (MeV)

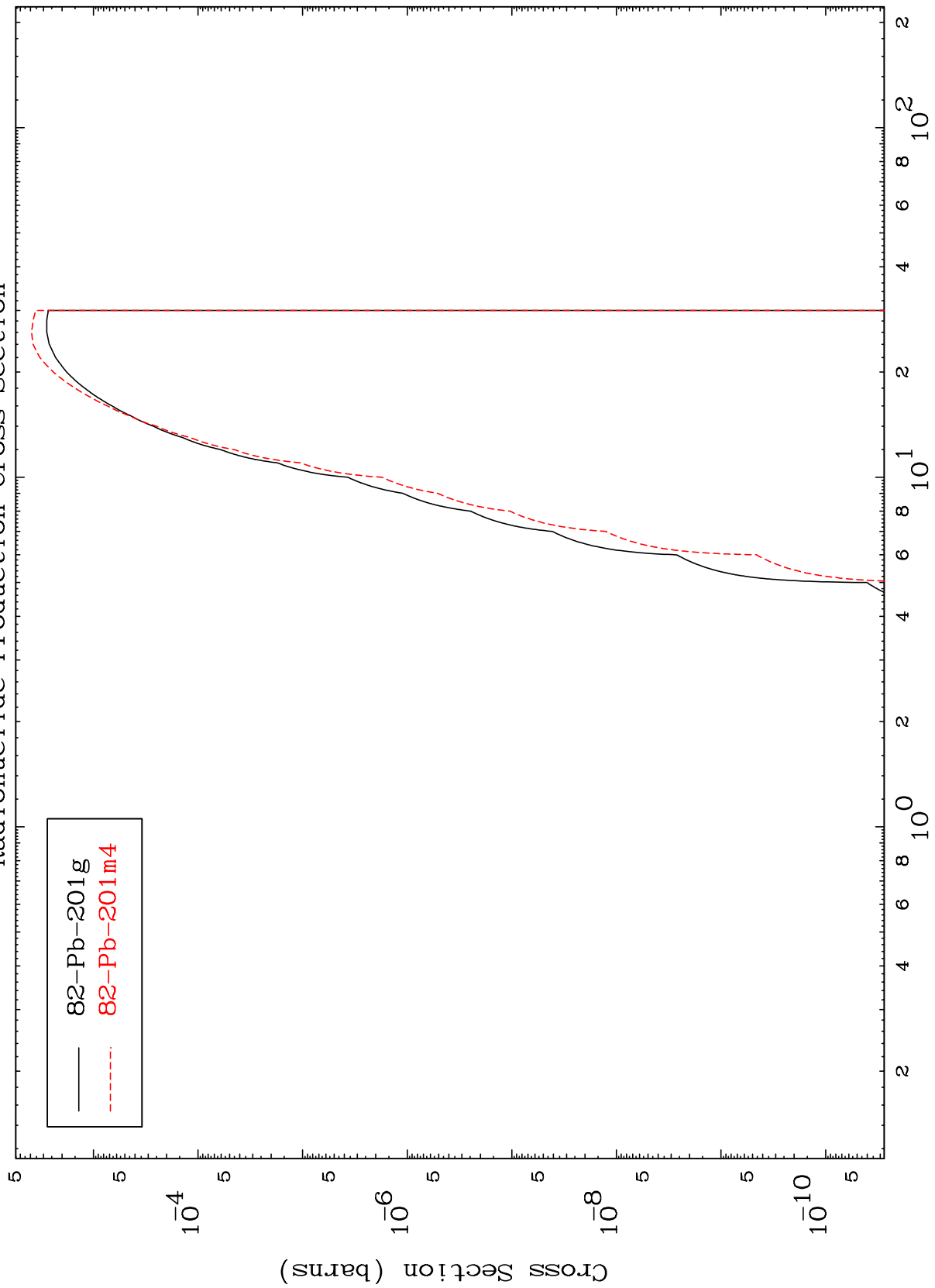
83-Bi-204

MAT 8310

83-Bi-204

(n,n') α

Radionuclide Production Cross Section



83-Bi-204

Incident Energy (MeV)

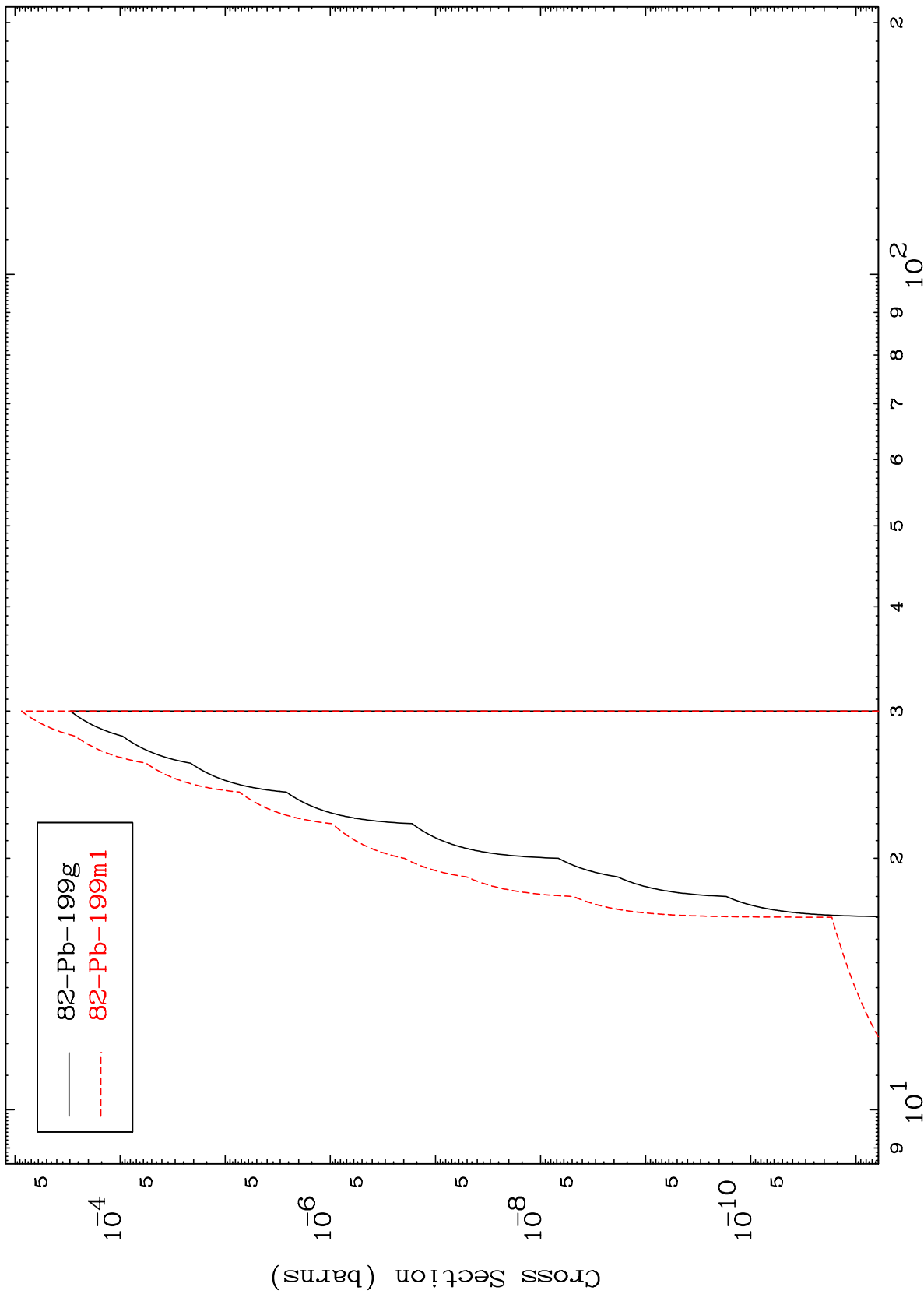
14

MAT 8310

(n,3n) α

83-Bi-204

Radionuclide Production Cross Section



15

Incident Energy (MeV)

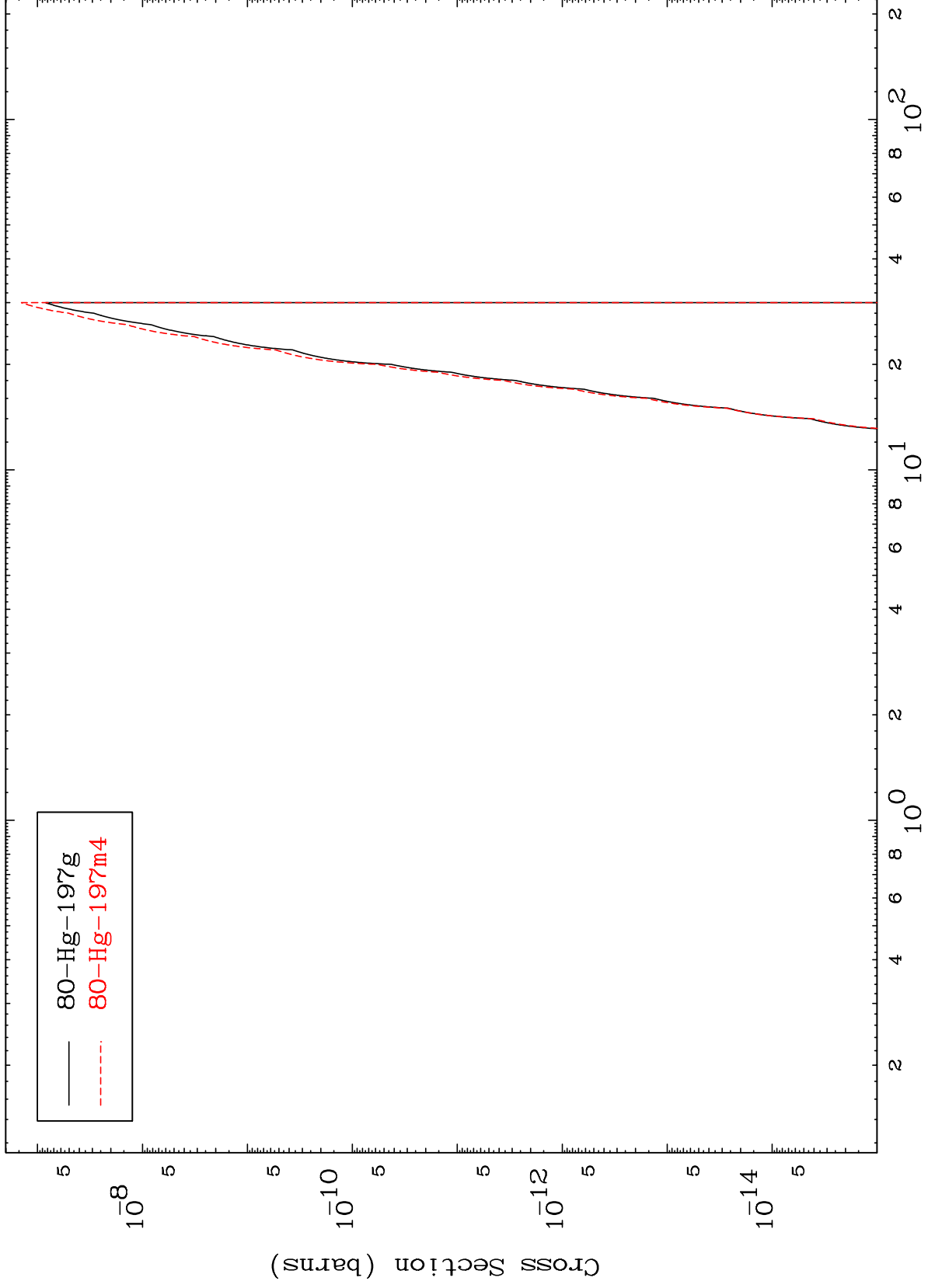
83-Bi-204

MAT 8310

(n,n') 2α

83-Bi-204

Radionuclide Production Cross Section



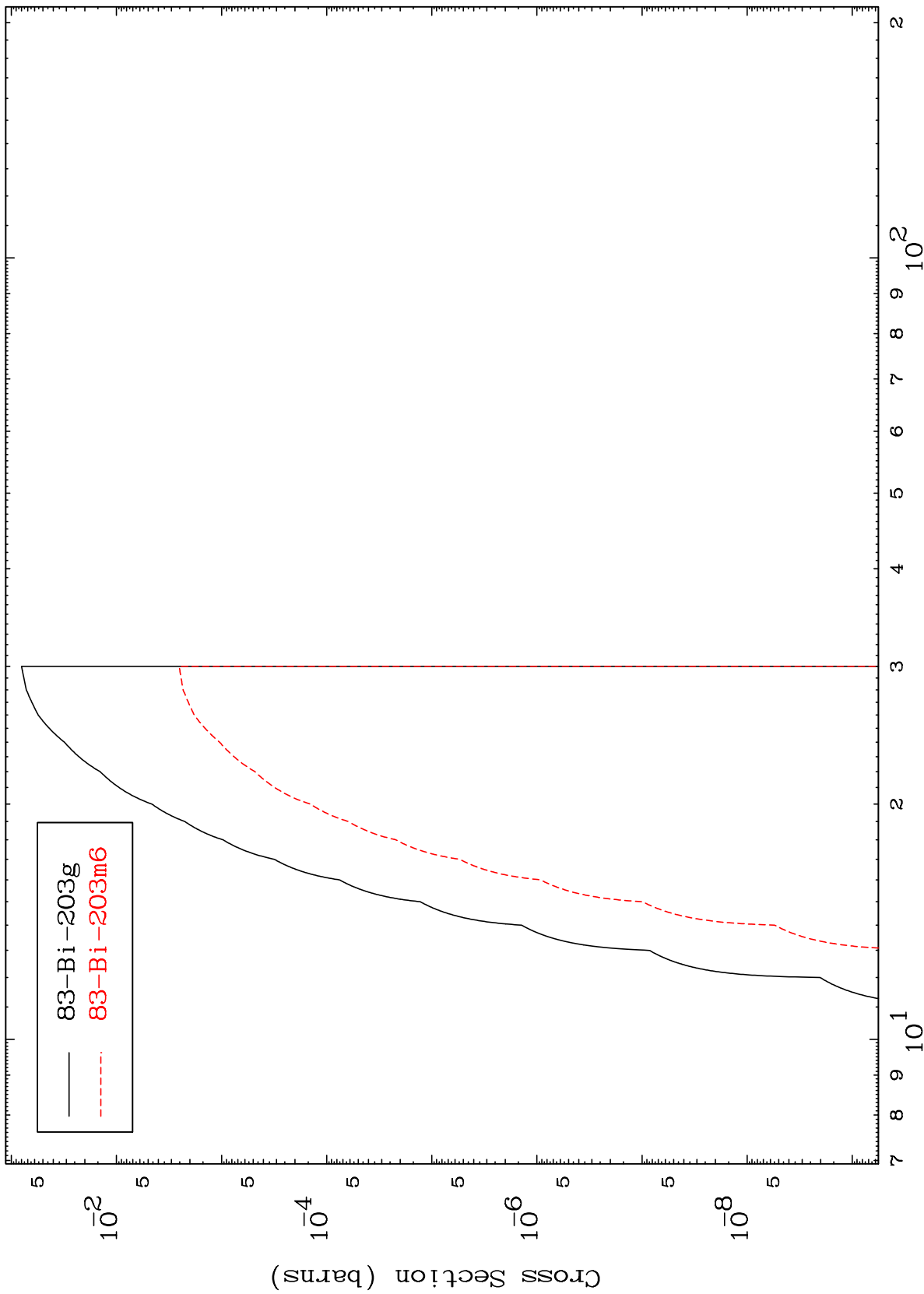
80-Hg-197g
80-Hg-197m4

MAT 8310

(n,n') d

83-Bi-204

Radionuclide Production Cross Section



17

Incident Energy (MeV)

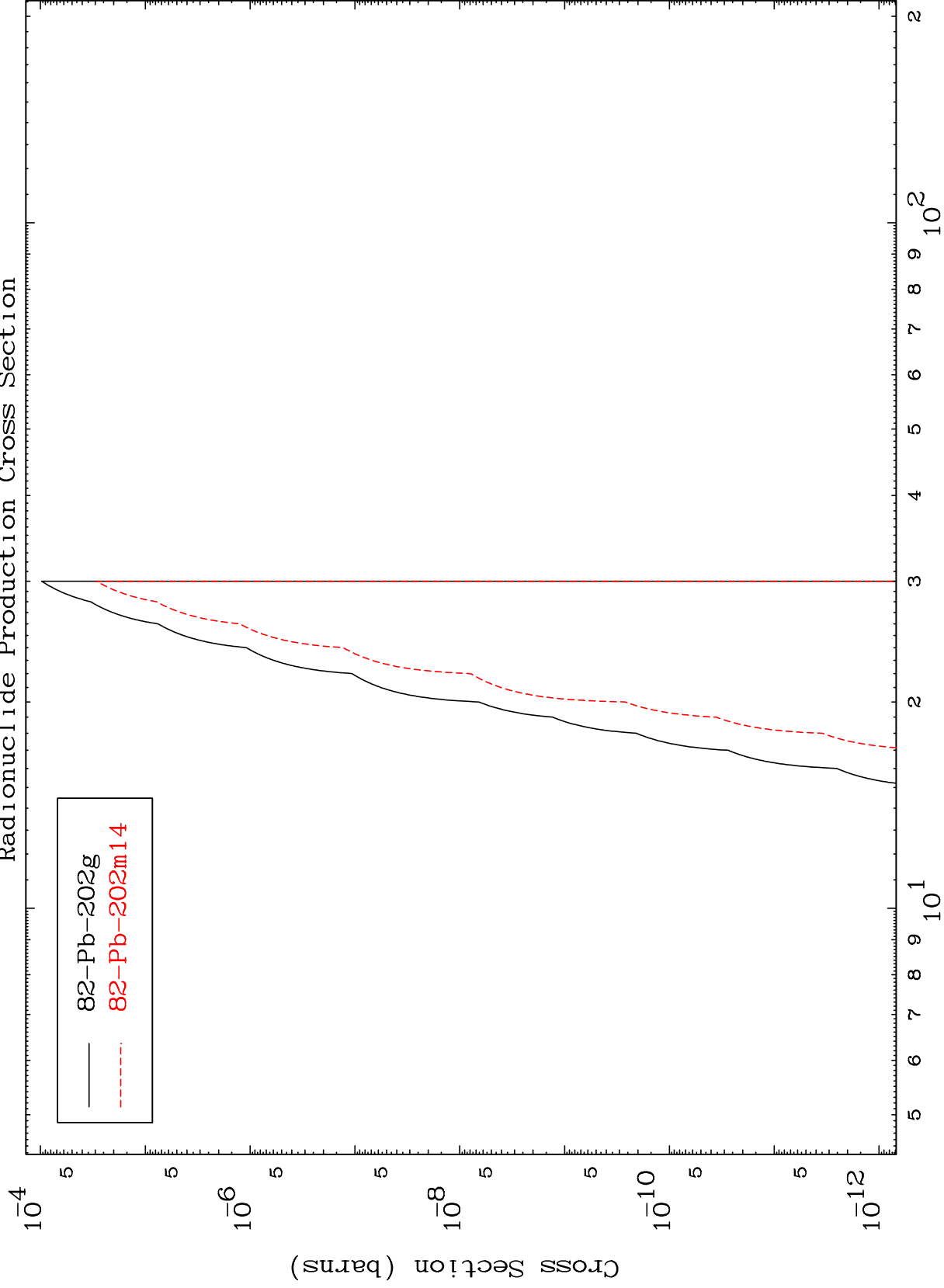
83-Bi-204

MAT 8310

(n,n') He-3

83-Bi-204

Radionuclide Production Cross Section



18

Incident Energy (MeV)

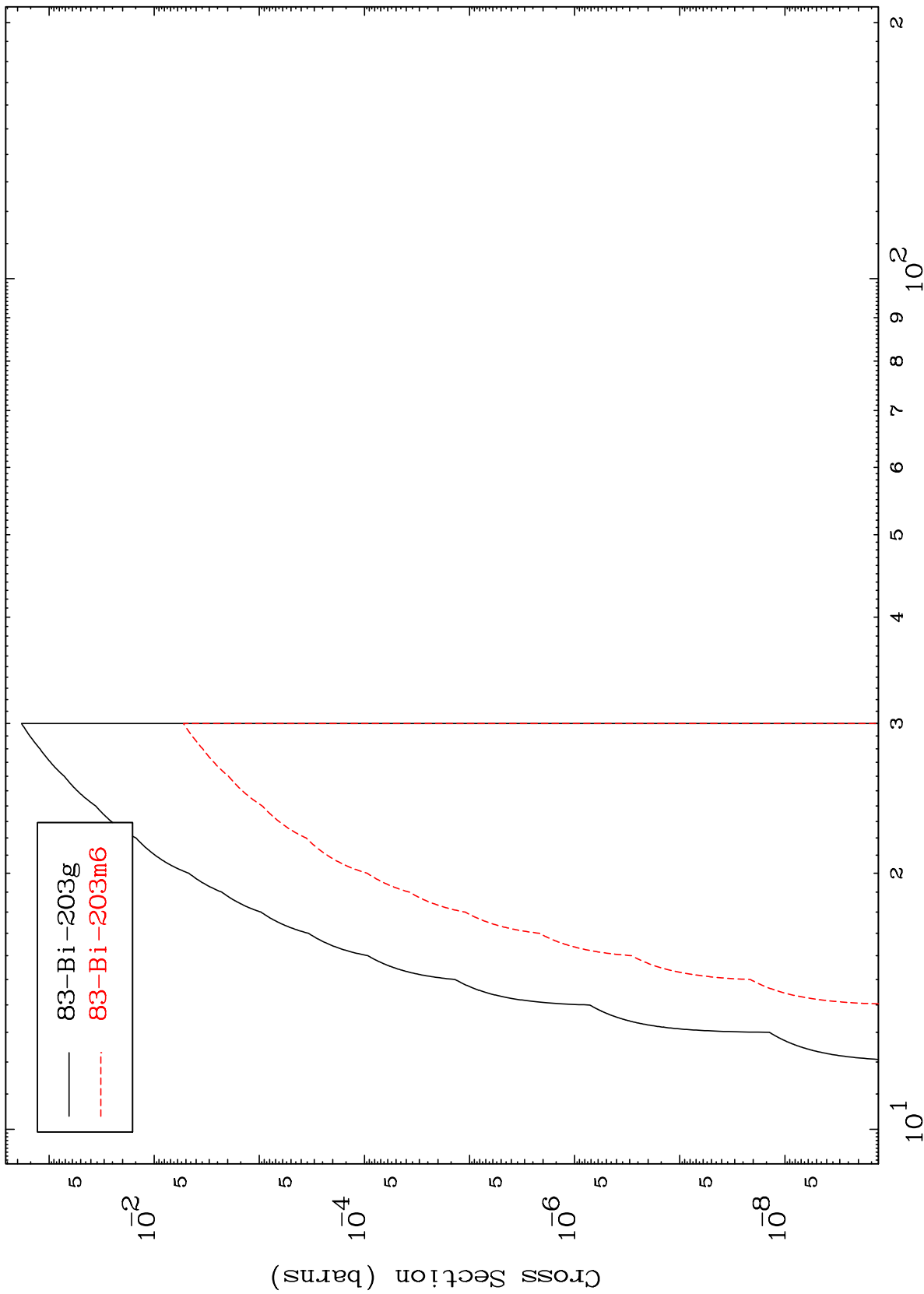
83-Bi-204

MAT 8310

(n,2n) p

83-Bi-204

Radionuclide Production Cross Section



Incident Energy (MeV)

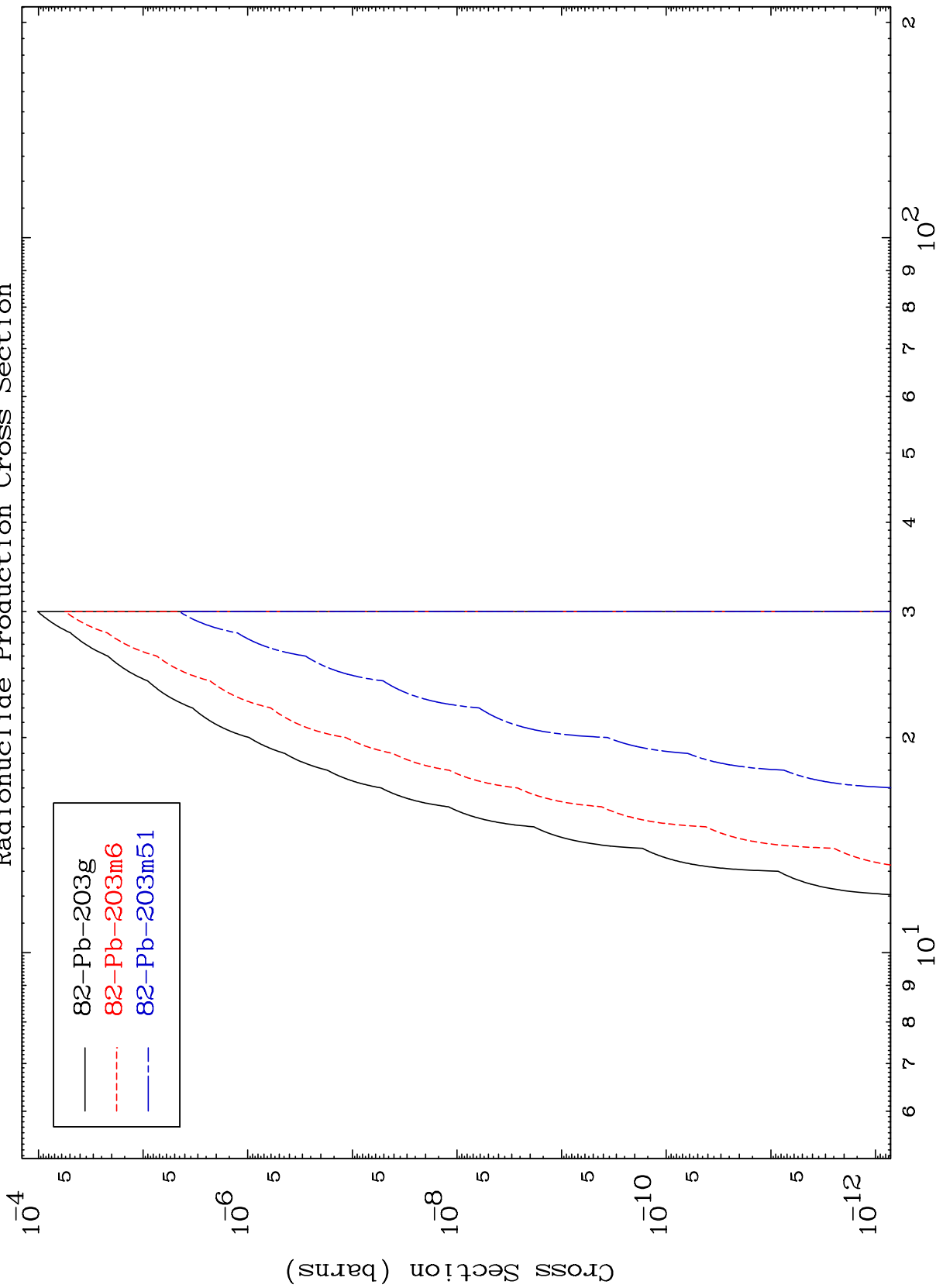
83-Bi-204

MAT 8310

(n,2n) p

83-Bi-204

Radionuclide Production Cross Section



Incident Energy (MeV)

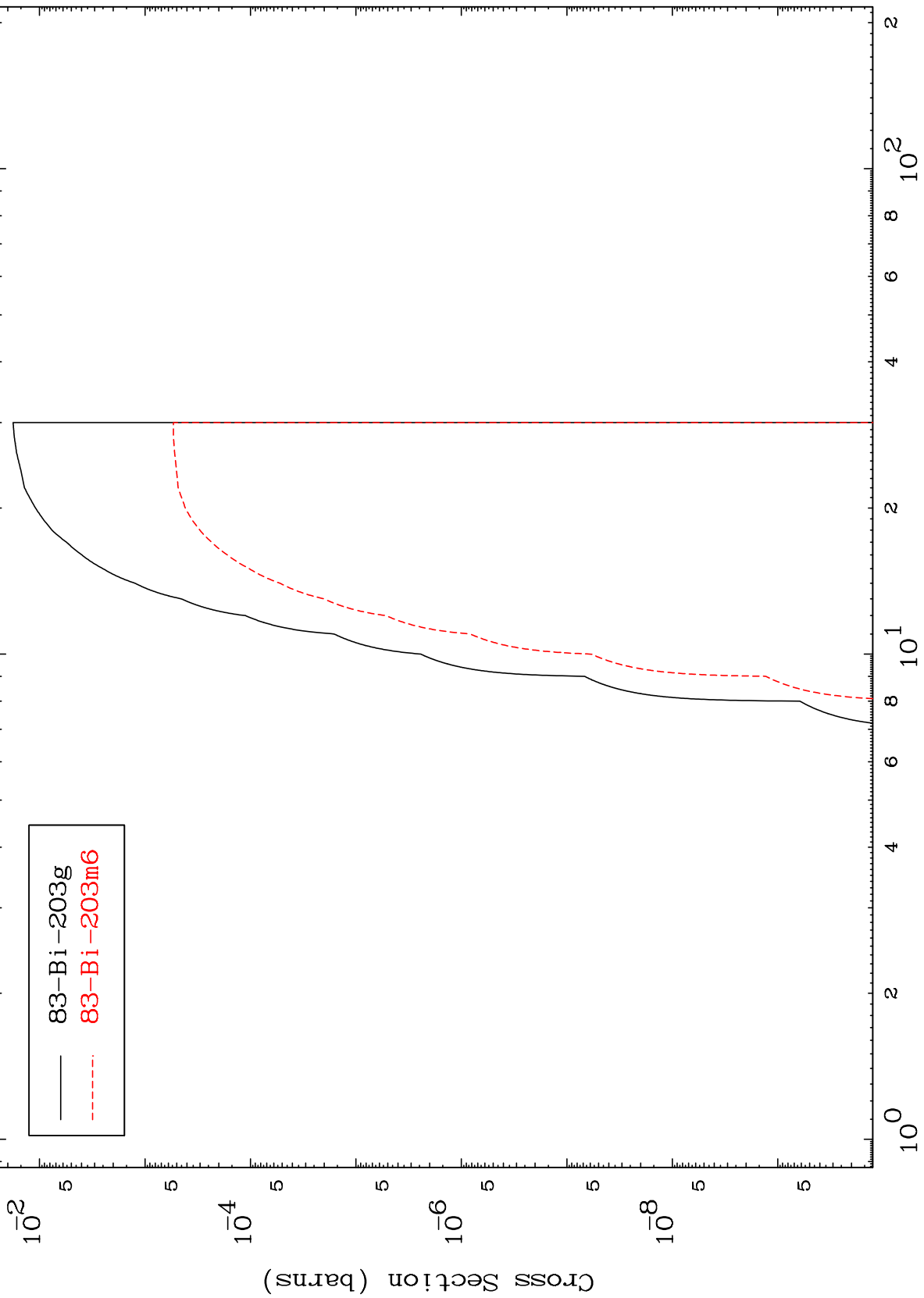
83-Bi-204

20

MAT 8310

83-Bi-204

(n,t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

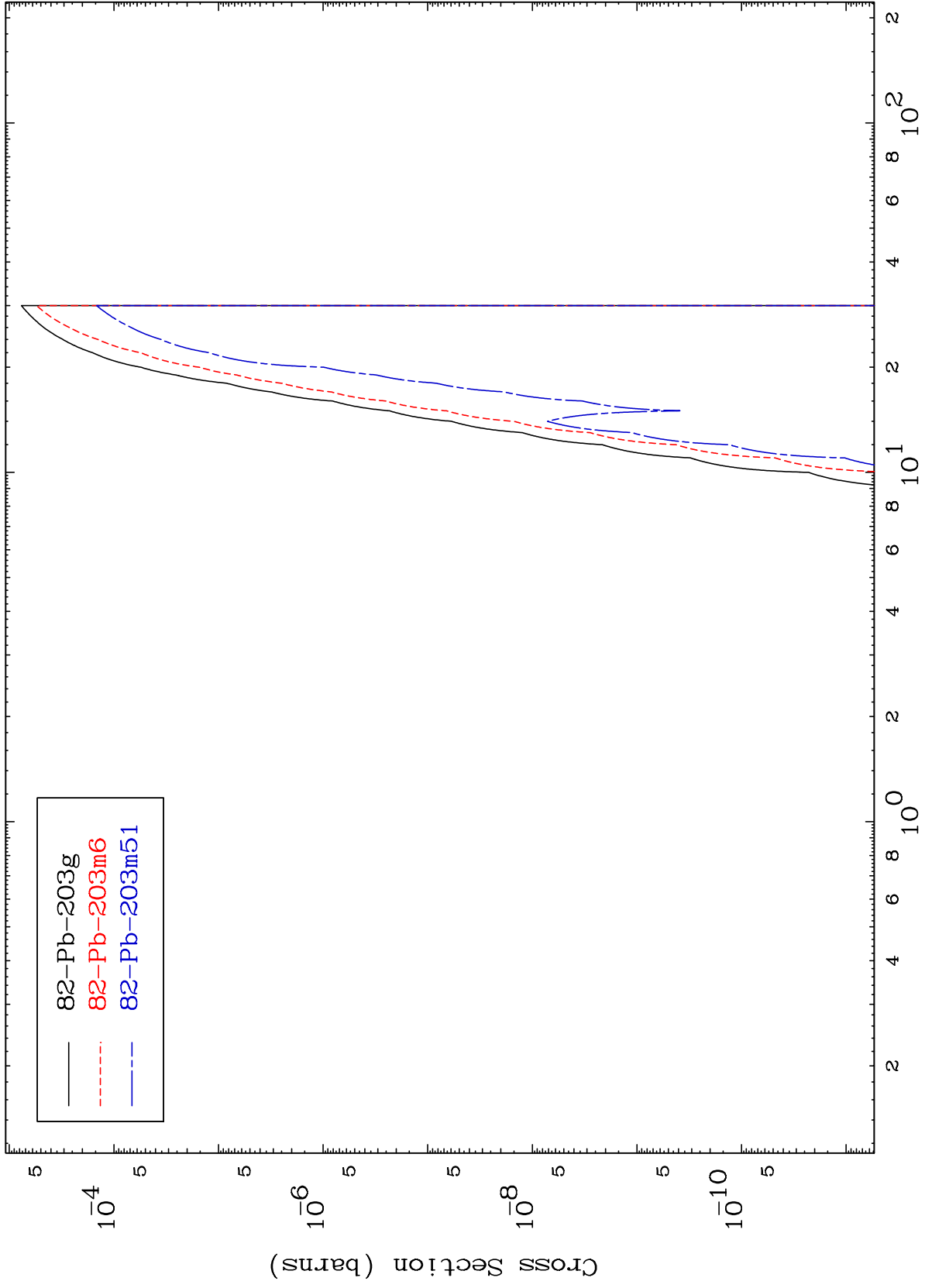
83-Bi-204

MAT 8310

(n,He-3)

83-Bi-204

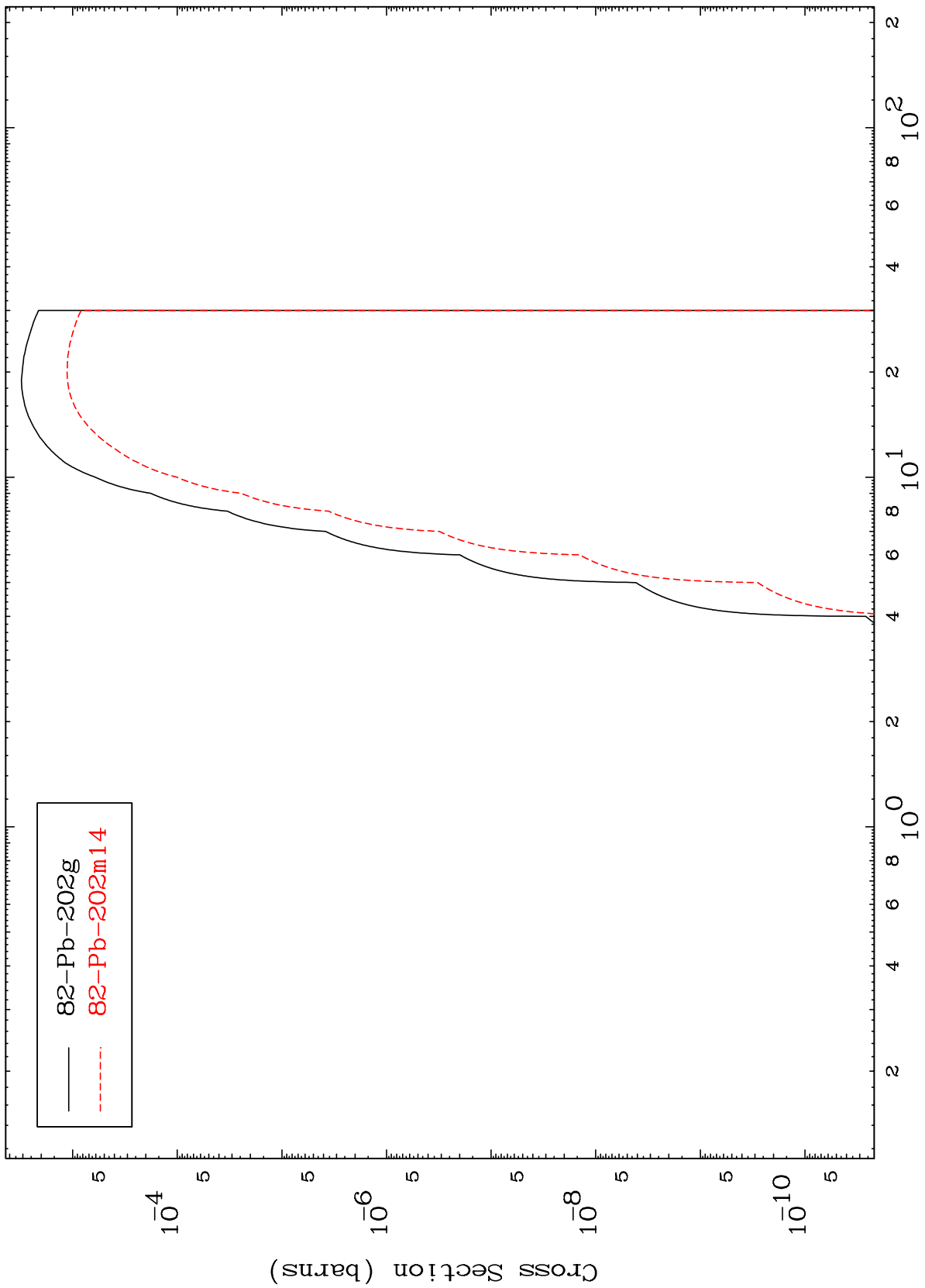
Radionuclide Production Cross Section



MAT 8310

83-Bi-204

(n, α)
Radionuclide Production Cross Section



83-Bi-204

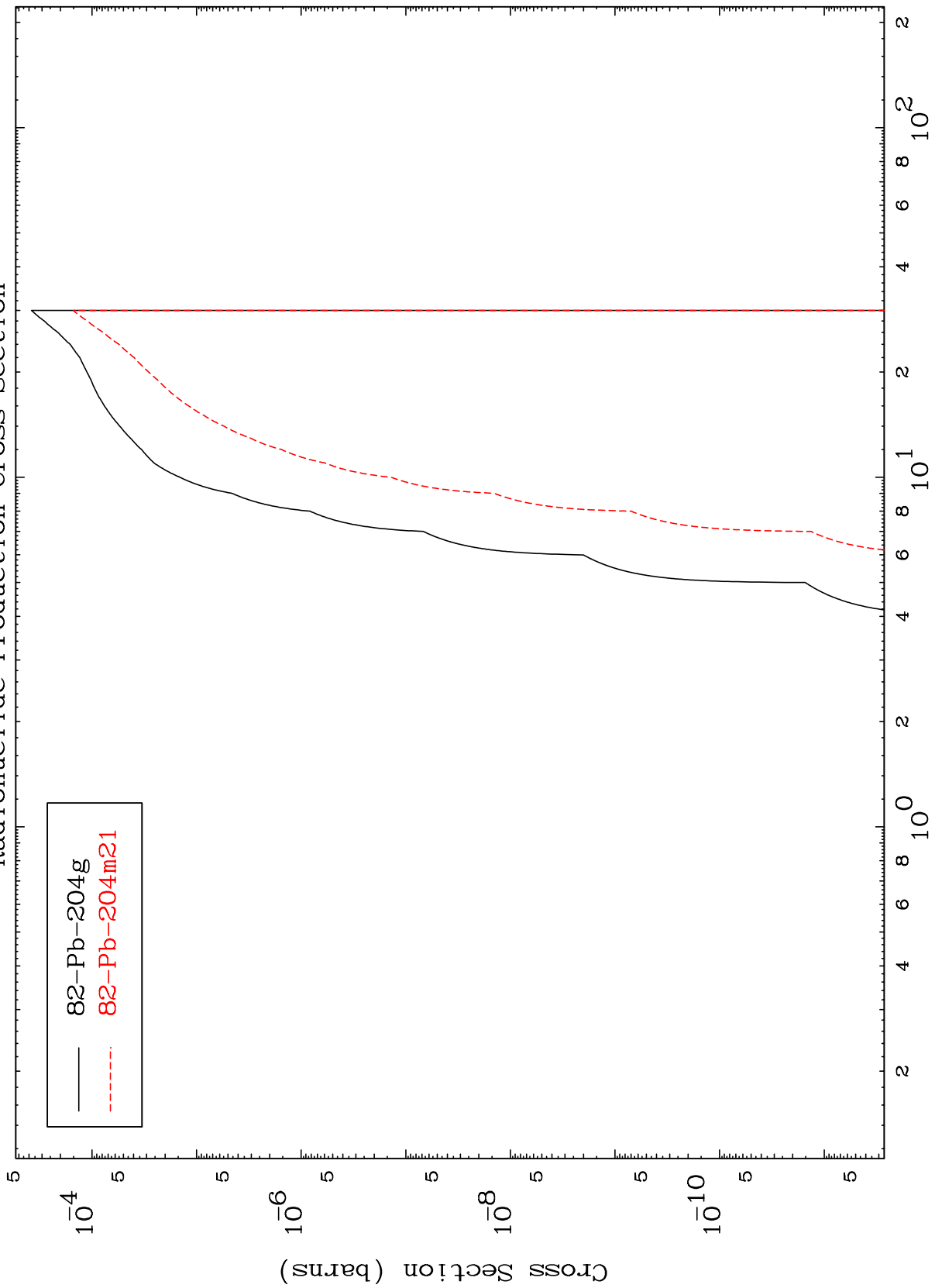
Incident Energy (MeV)

23

MAT 8310

83-Bi-204

(n,2p)
Radionuclide Production Cross Section

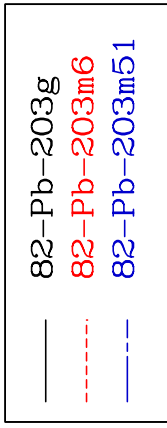
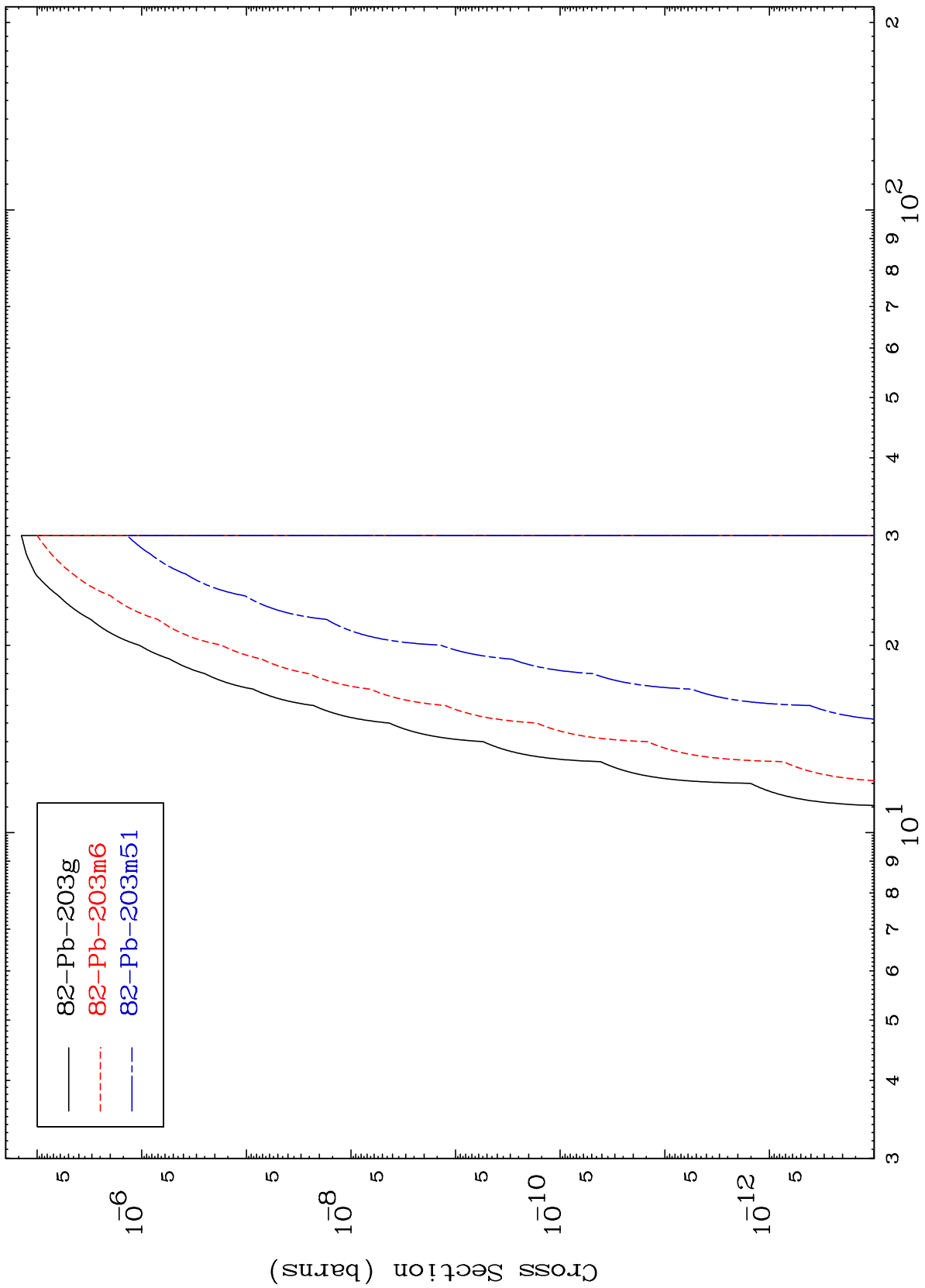


83-Bi-204

Incident Energy (MeV)

24

Radionuclide Production Cross Section

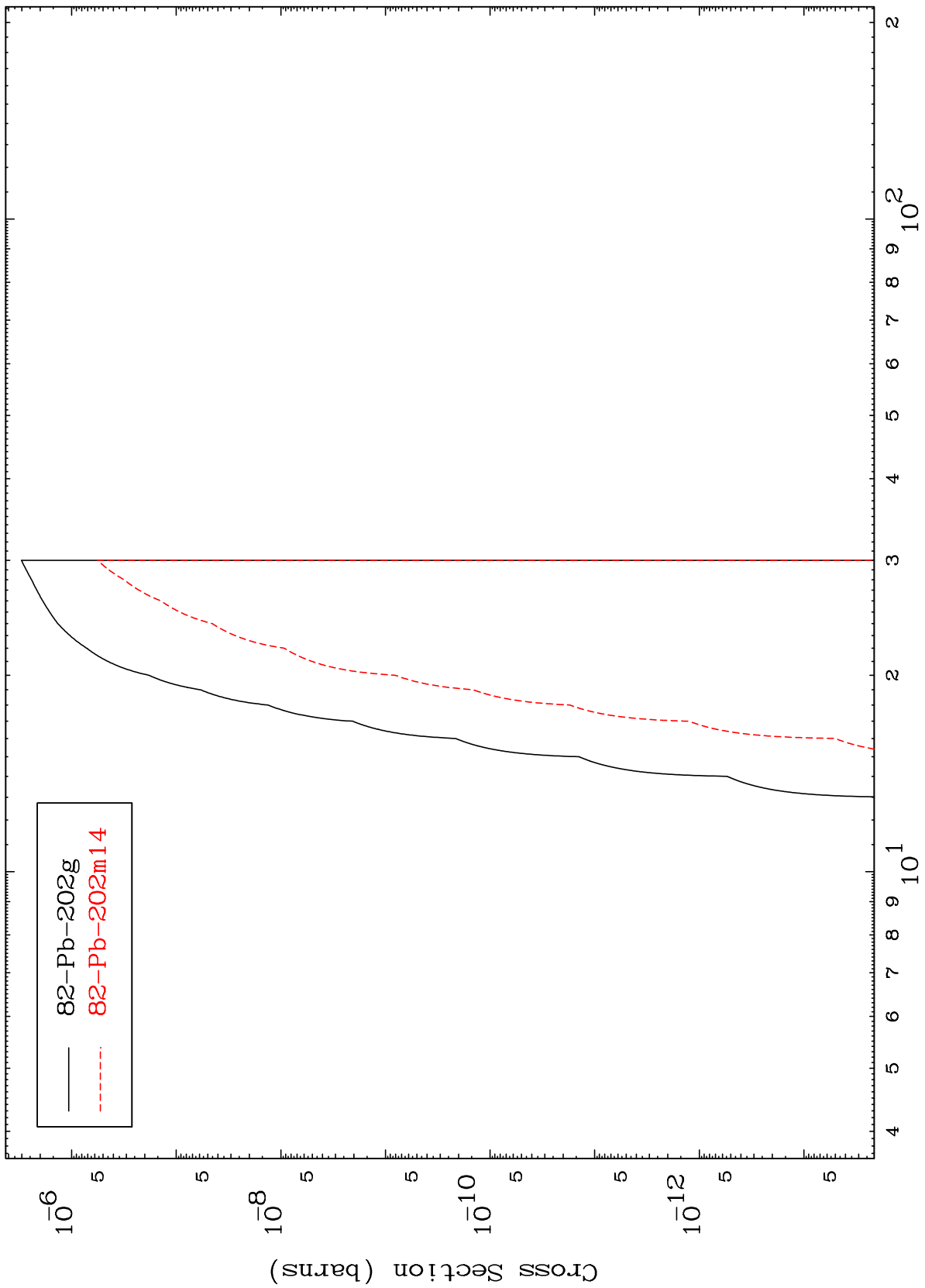


MAT 8310

(n,p) t

83-Bi-204

Radionuclide Production Cross Section



26

Incident Energy (MeV)

83-Bi-204