

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

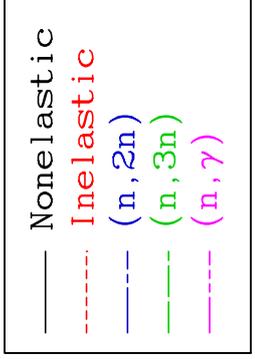
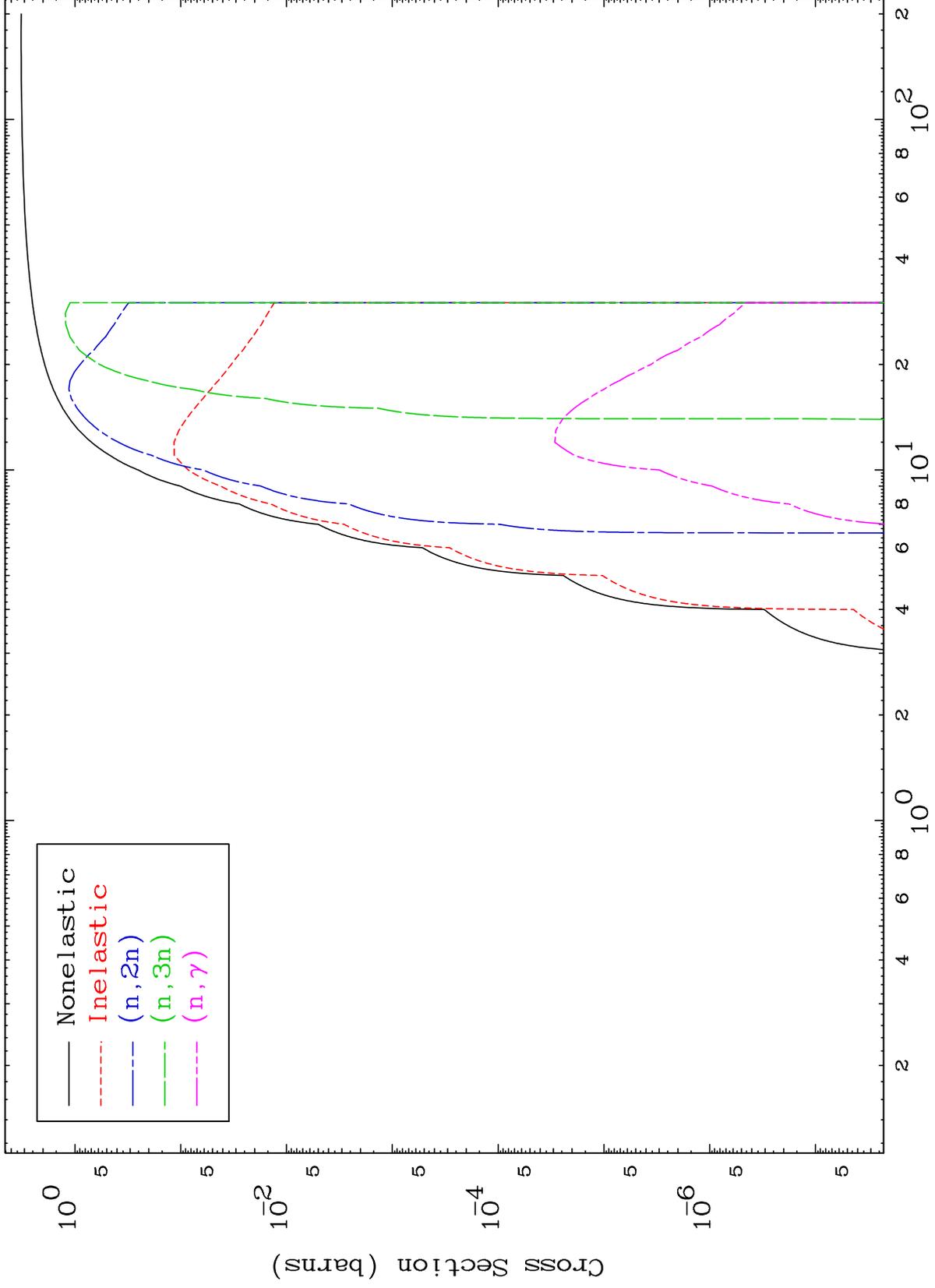
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8313

Deuteron Major
0 Kelvin Cross Sections

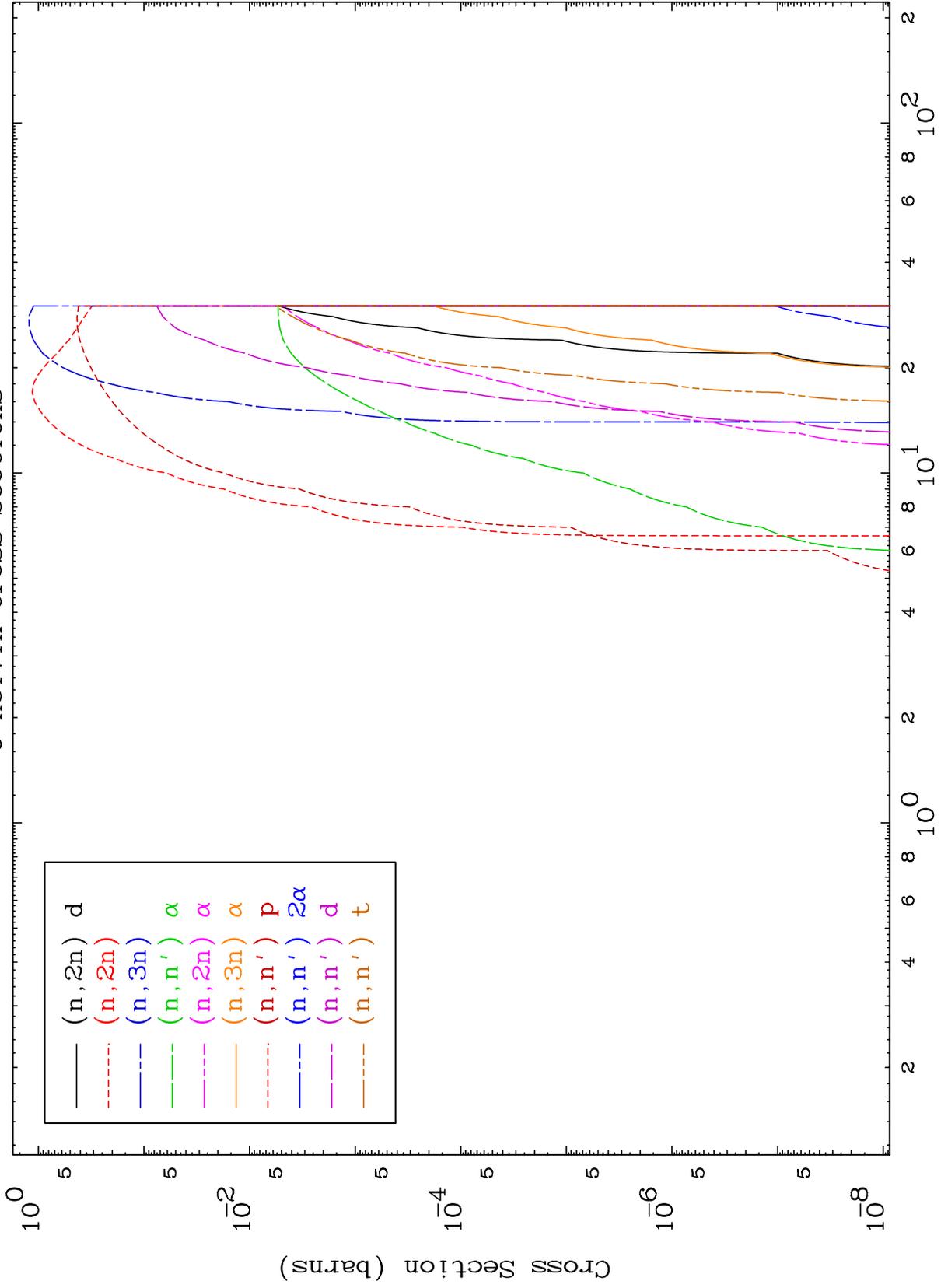
83-Bi-205

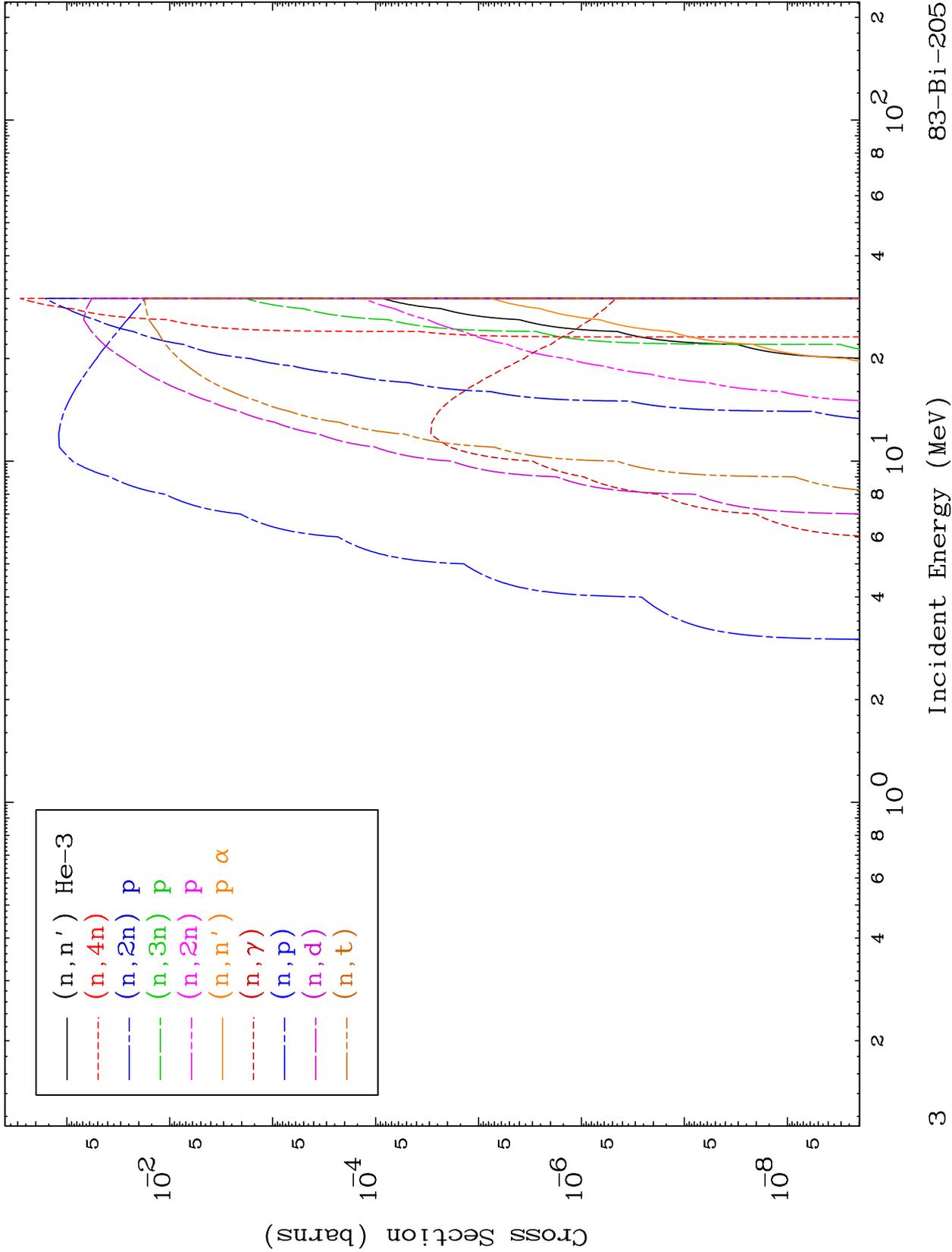


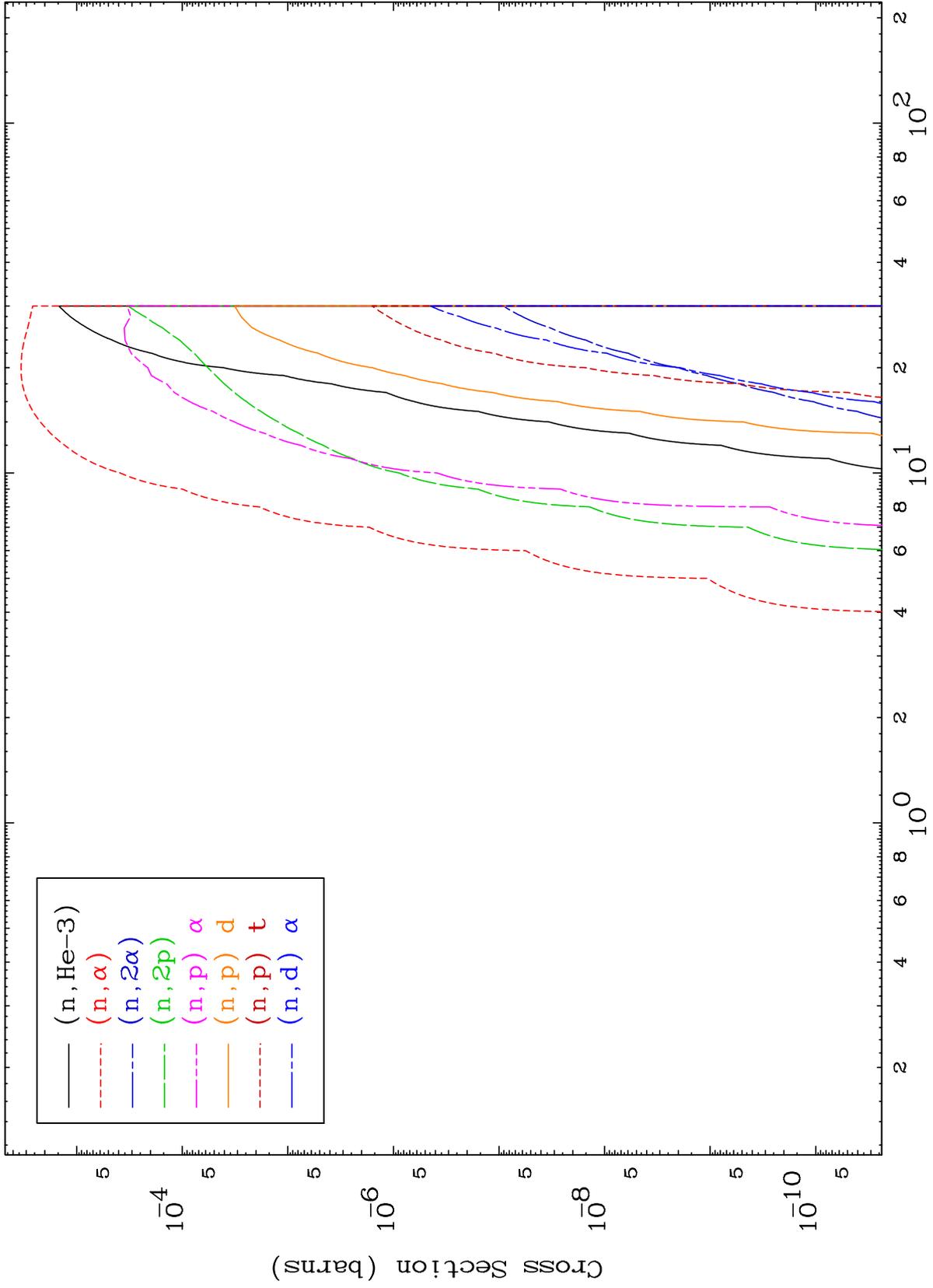
MAT 8313

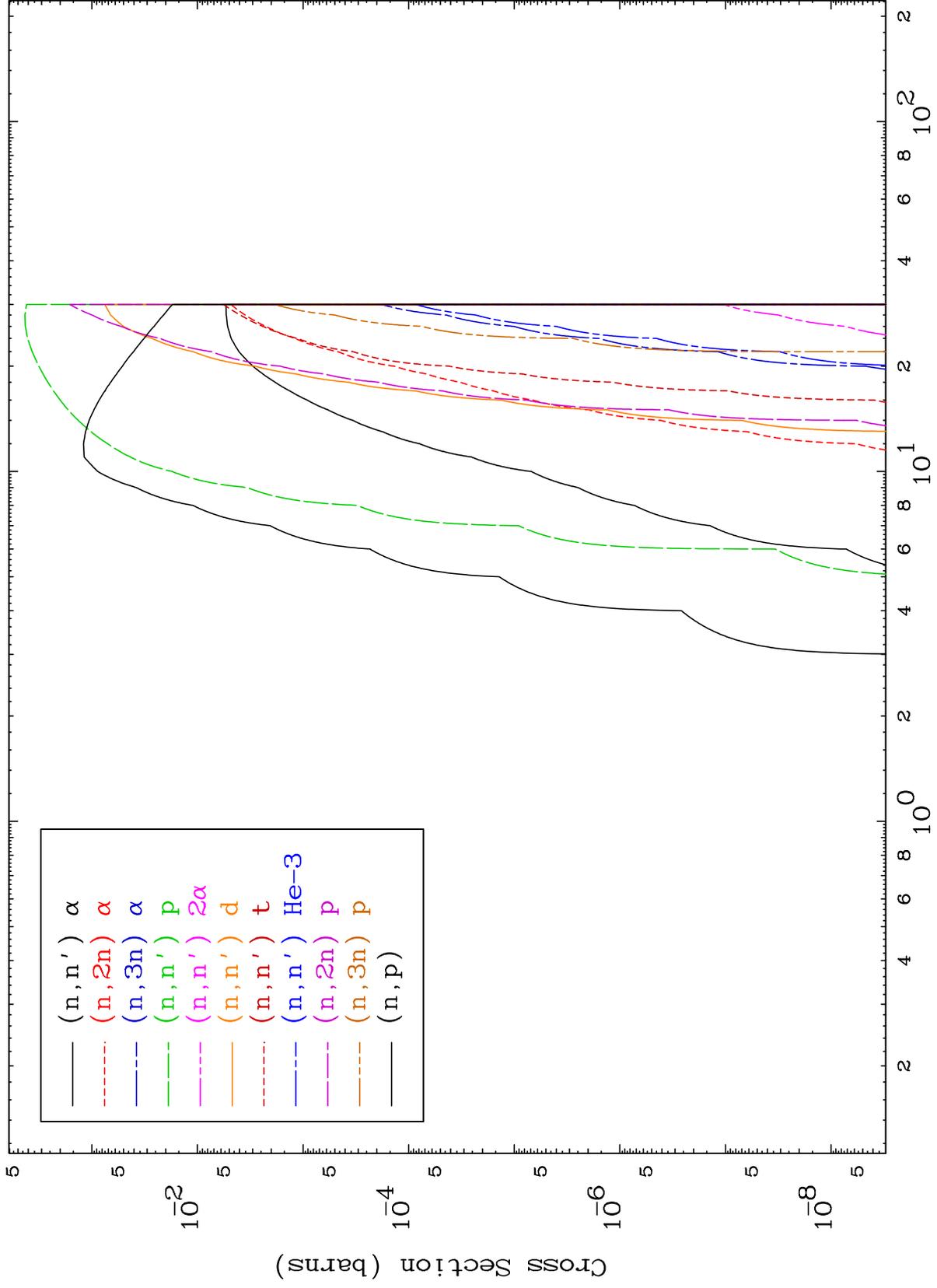
Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-205





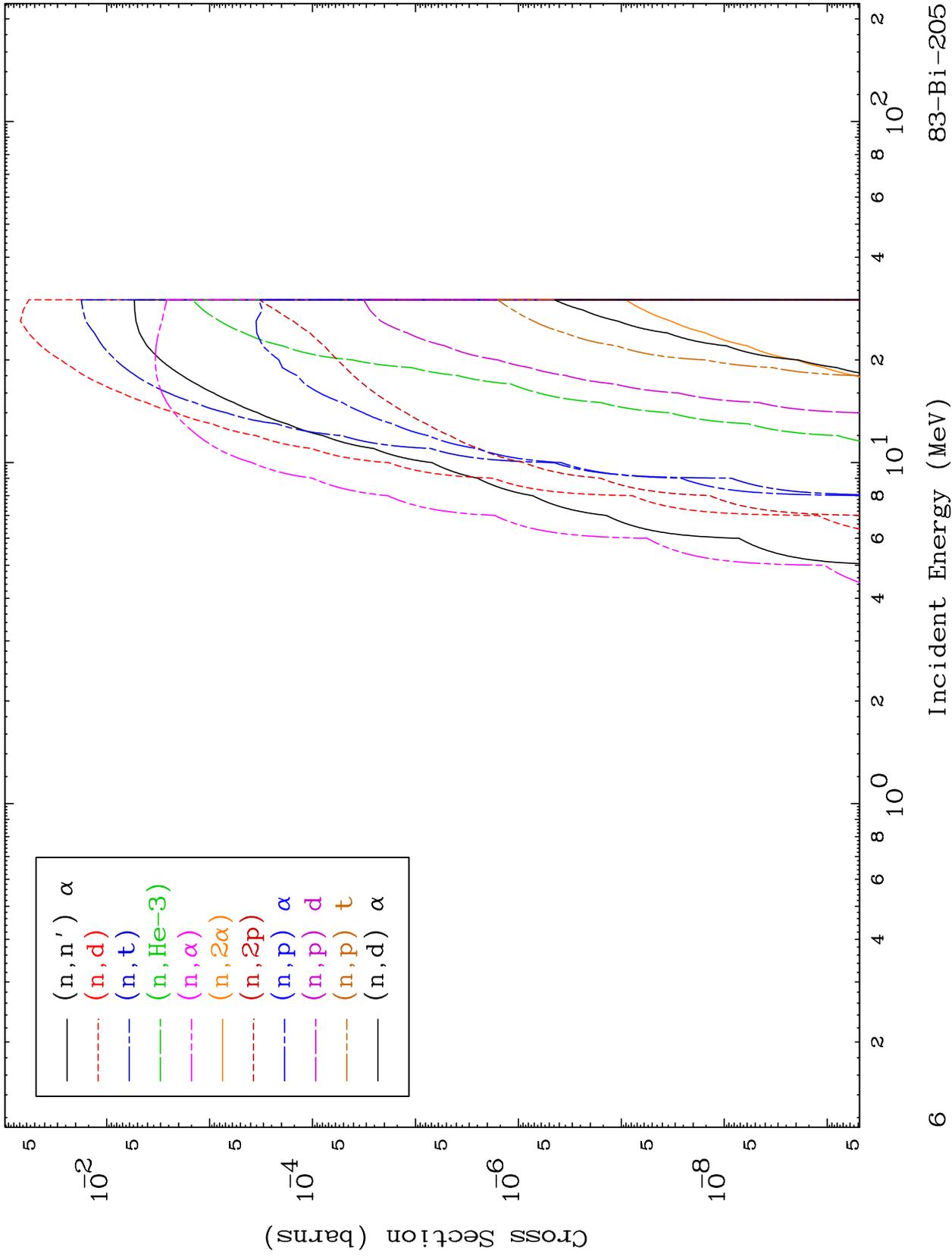




MAT 8313

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-205

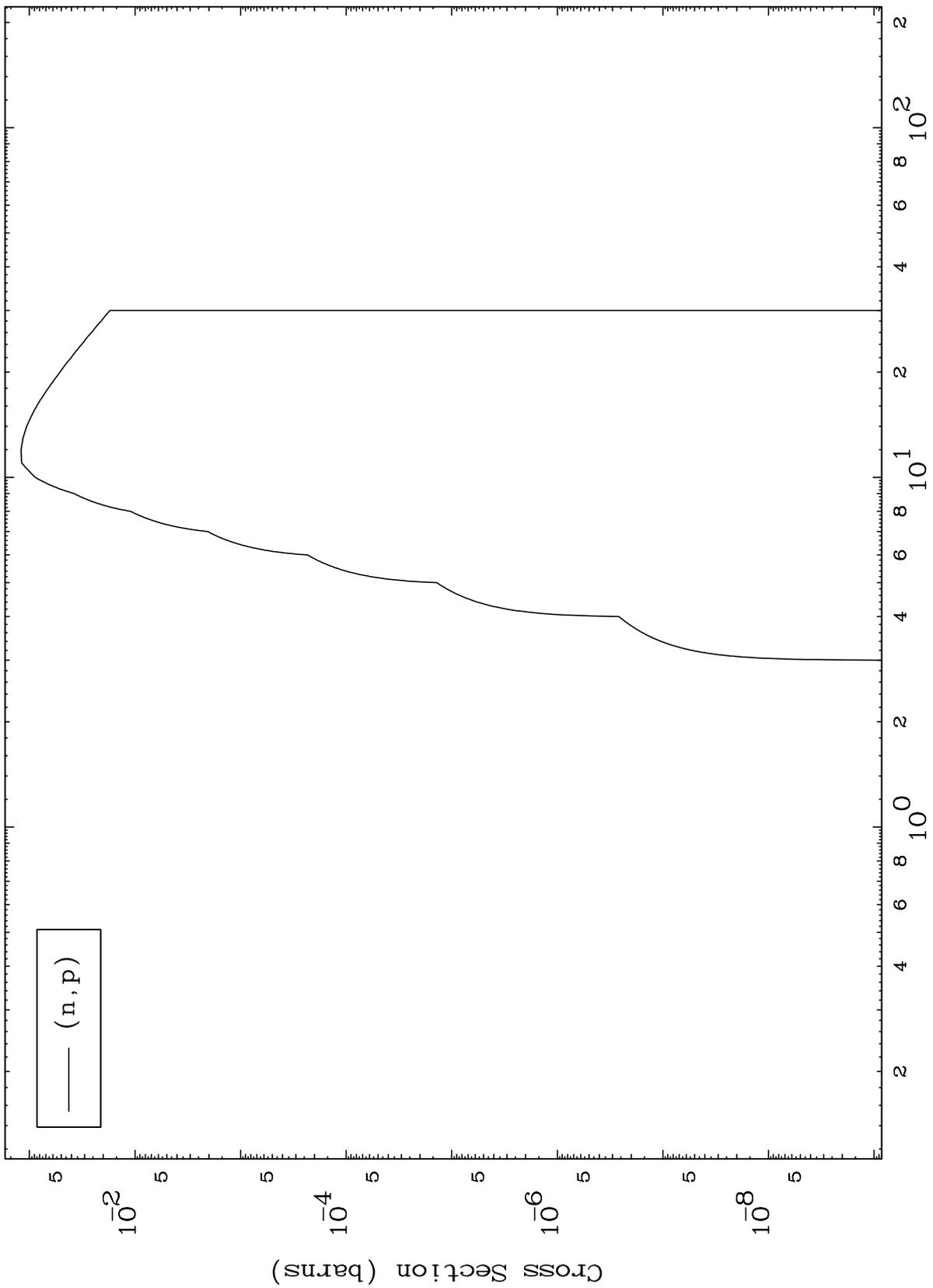


MAT 8313

(d,p) Levels

83-Bi-205

0 Kelvin Cross Sections

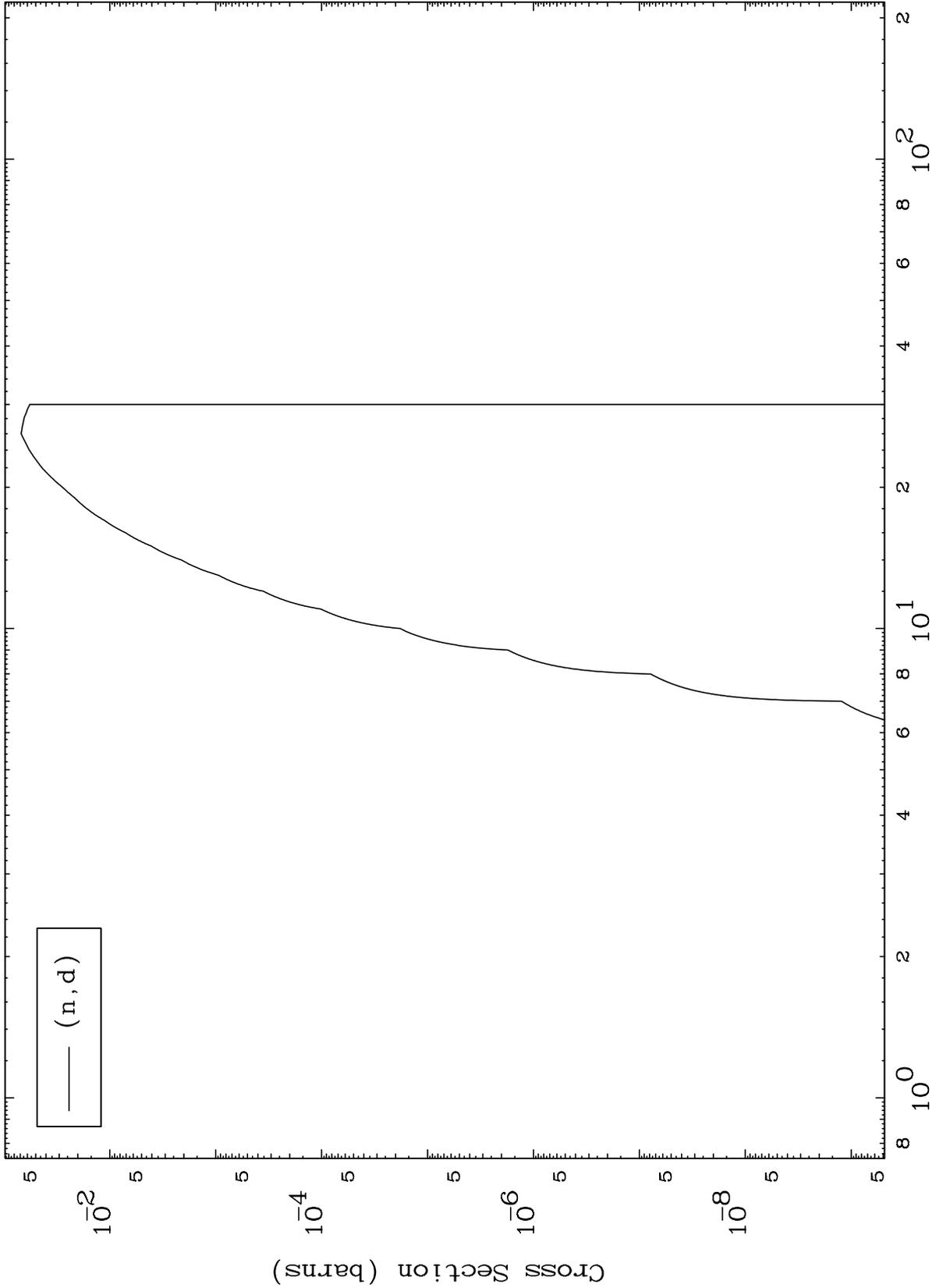


MAT 8313

(d,d) Levels

83-Bi-205

0 Kelvin Cross Sections



Incident Energy (MeV)

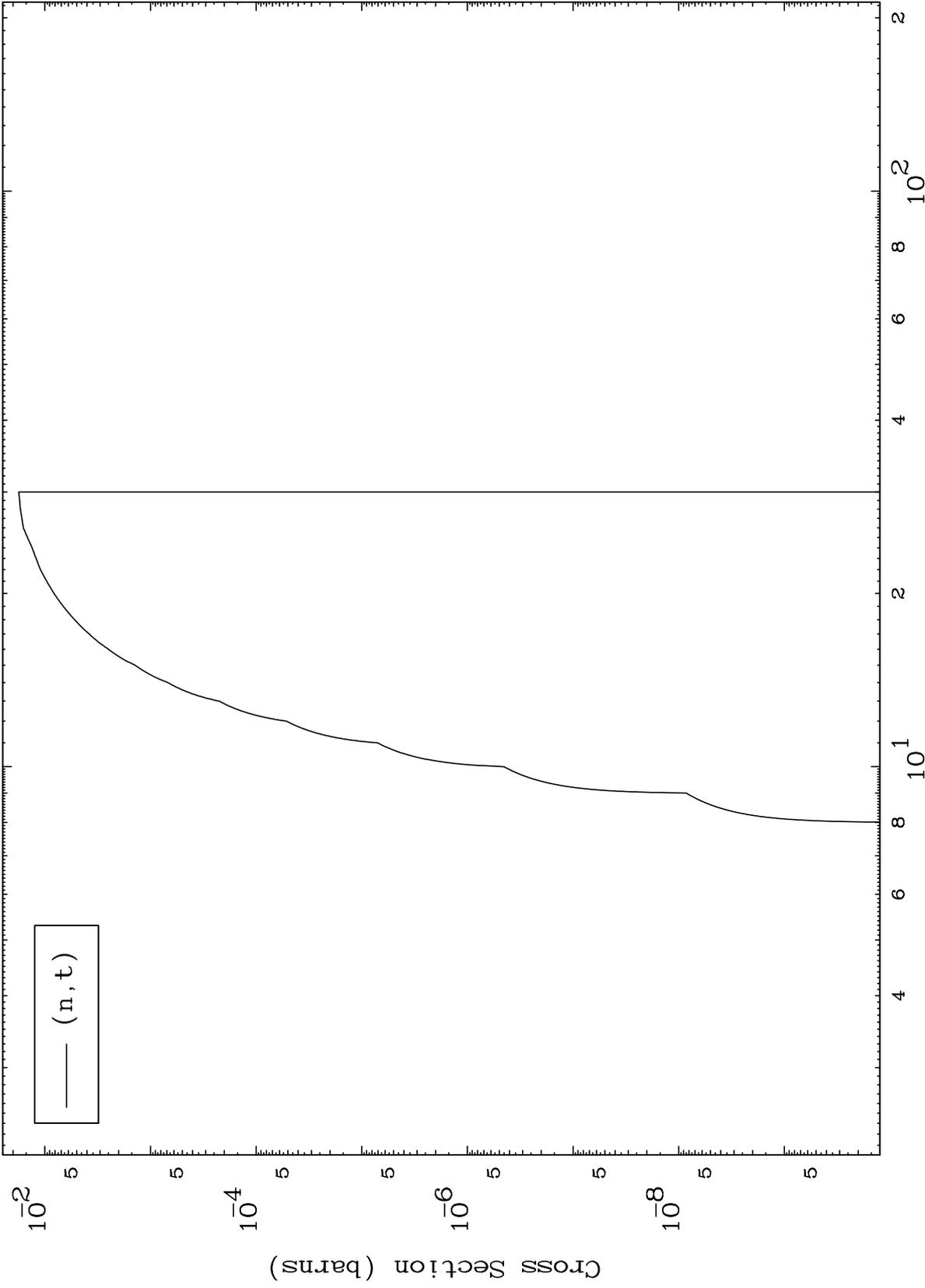
83-Bi-205

8

MAT 8313

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-205

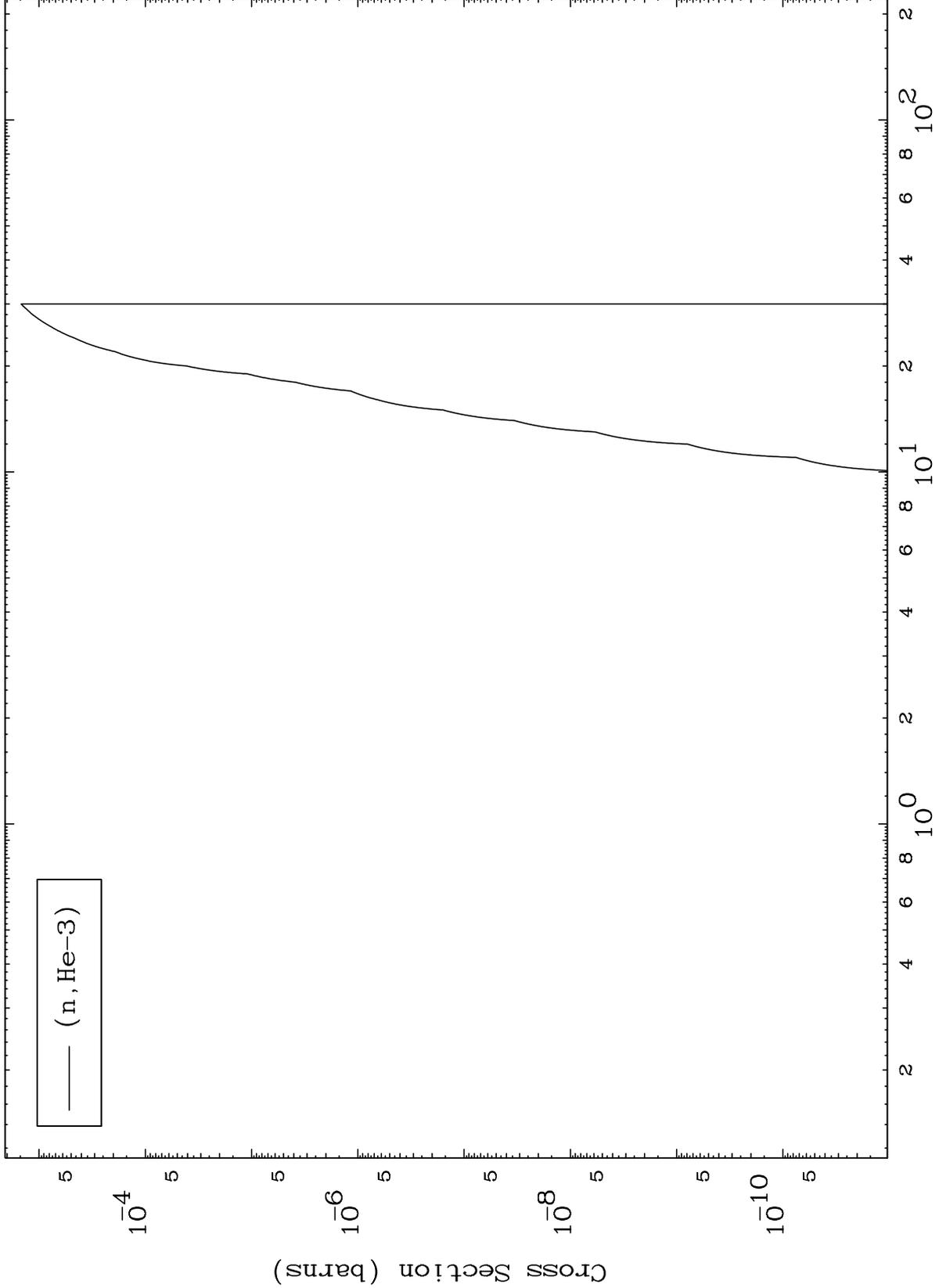


MAT 8313

(d,He3) Levels

83-Bi-205

0 Kelvin Cross Sections



10

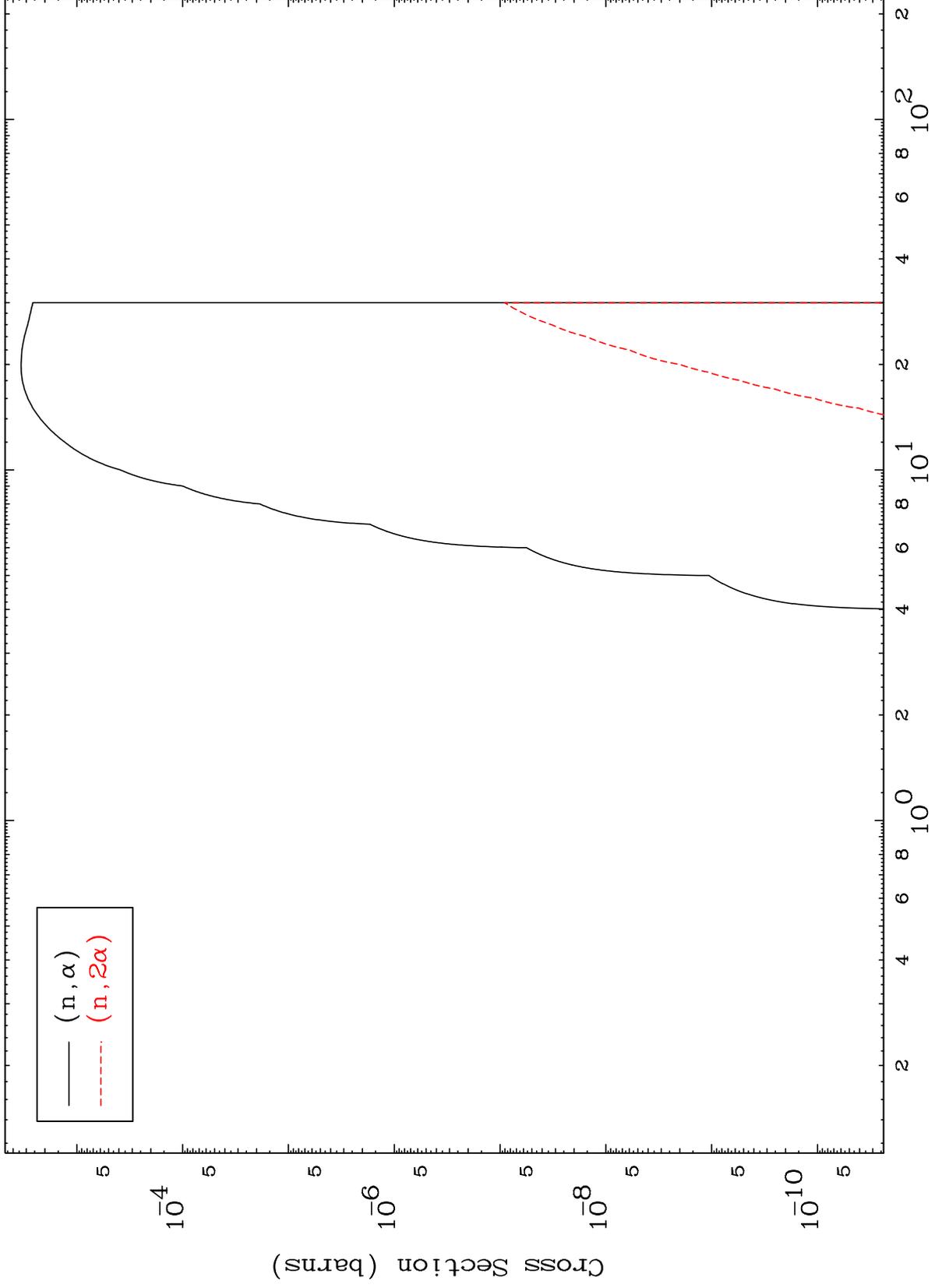
Incident Energy (MeV)

83-Bi-205

MAT 8313

(d, α) Levels
0 Kelvin Cross Sections

83-Bi-205

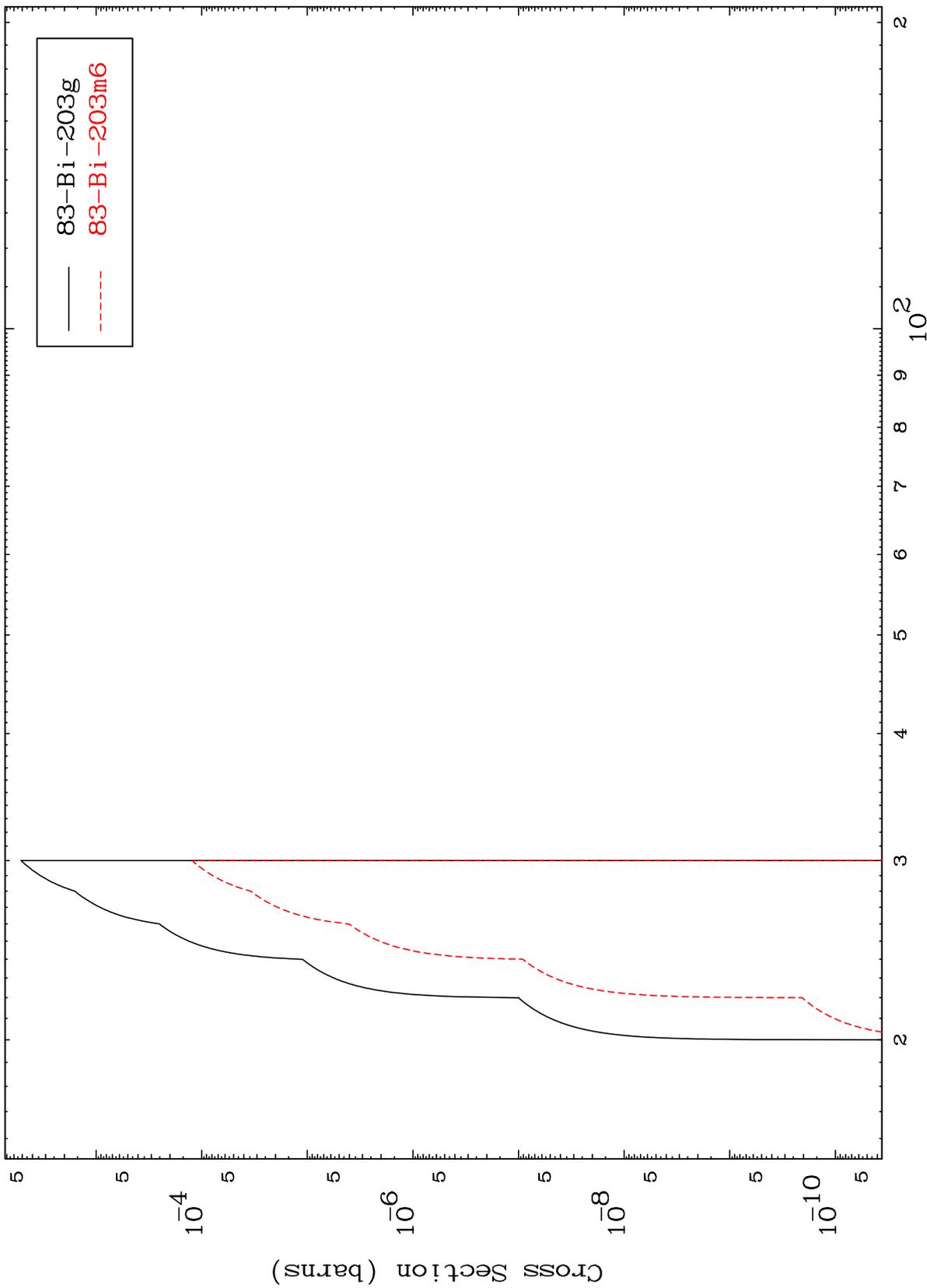


MAT 8313

(n,2n) d

83-Bi-205

Radionuclide Production Cross Section



12

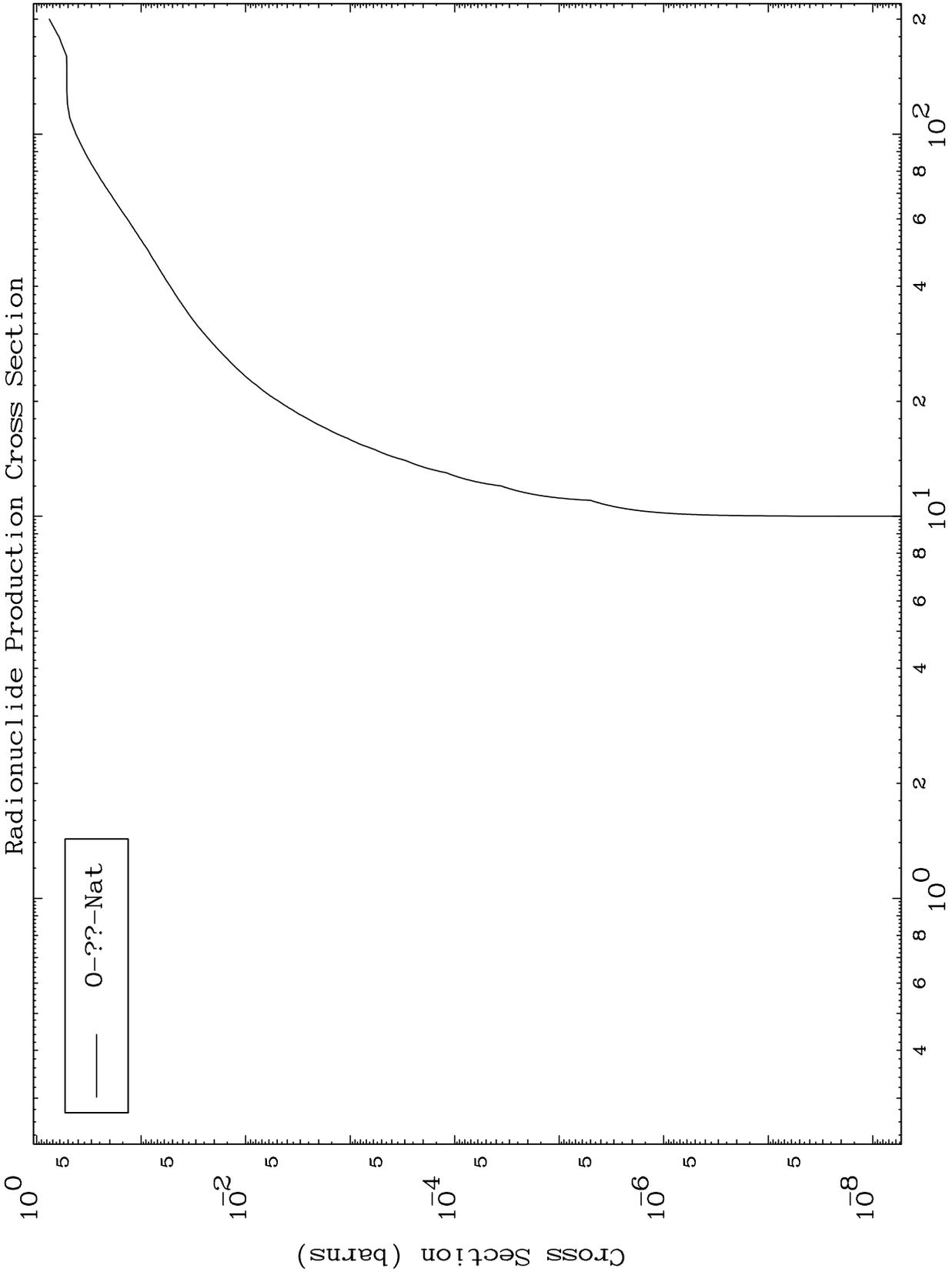
Incident Energy (MeV)

83-Bi-205

MAT 8313

Fission

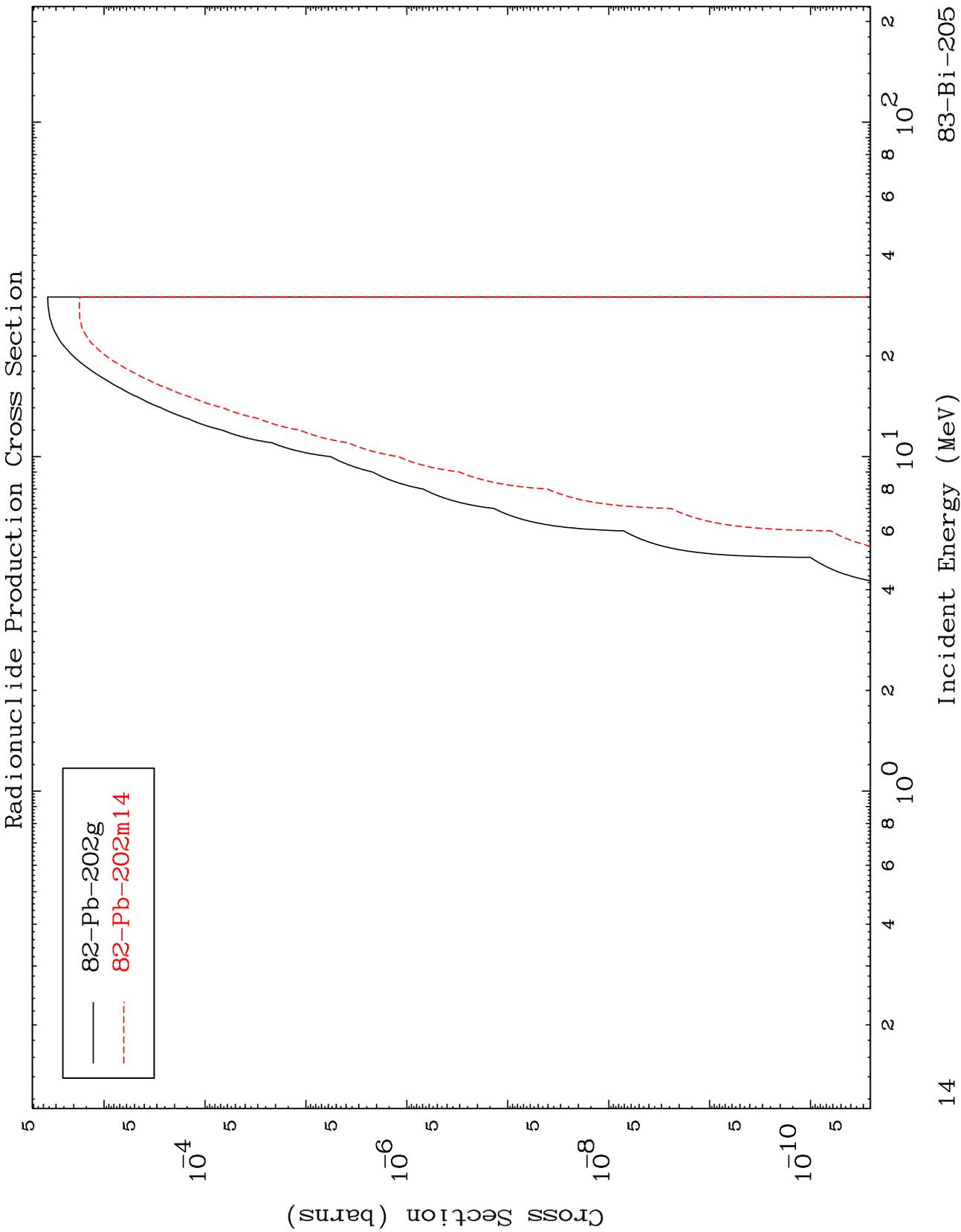
83-Bi-205



MAT 8313

$(n, n') \alpha$

83-Bi-205



14

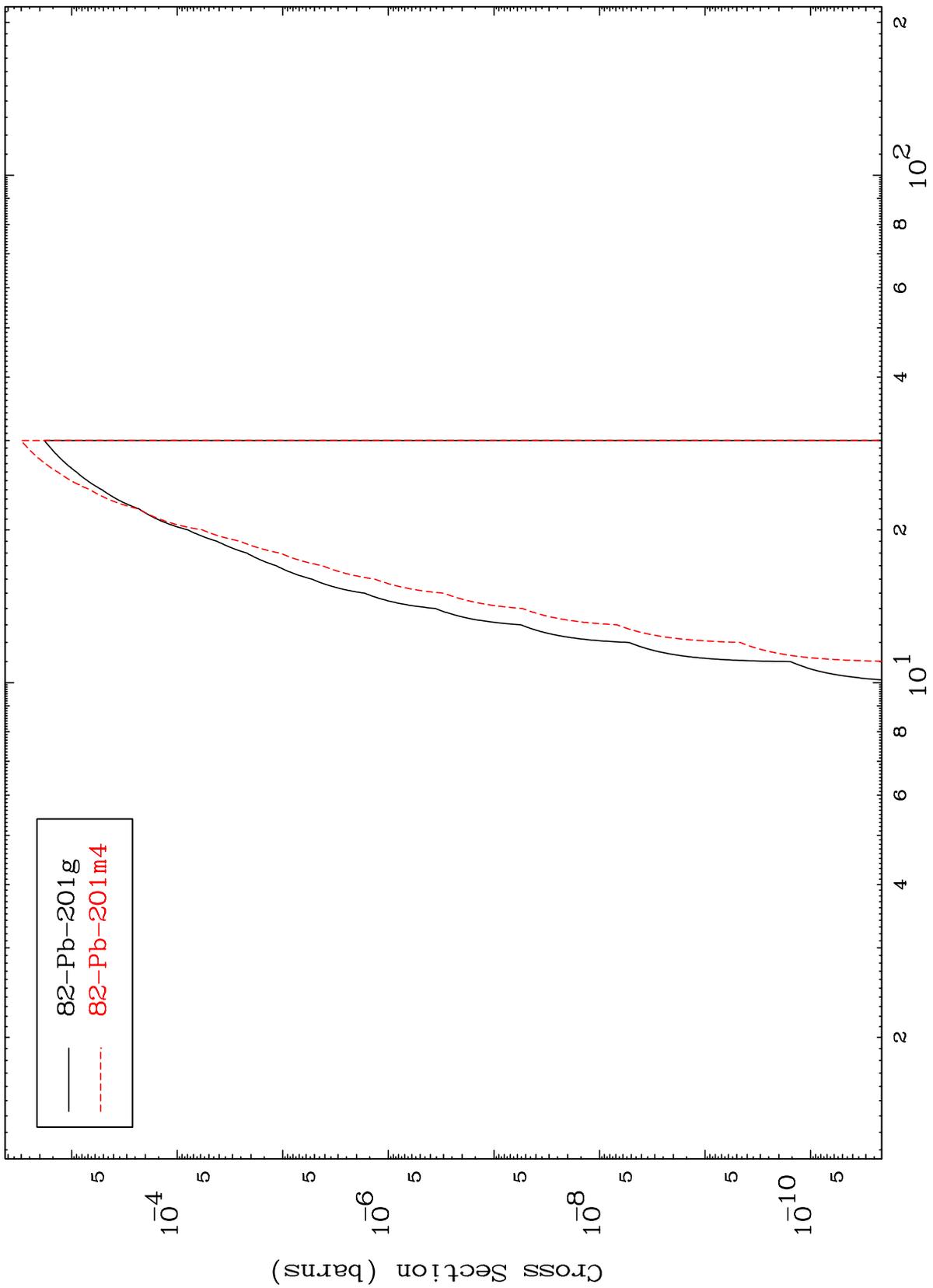
83-Bi-205

MAT 8313

$(n,2n) \alpha$

83-Bi-205

Radionuclide Production Cross Section

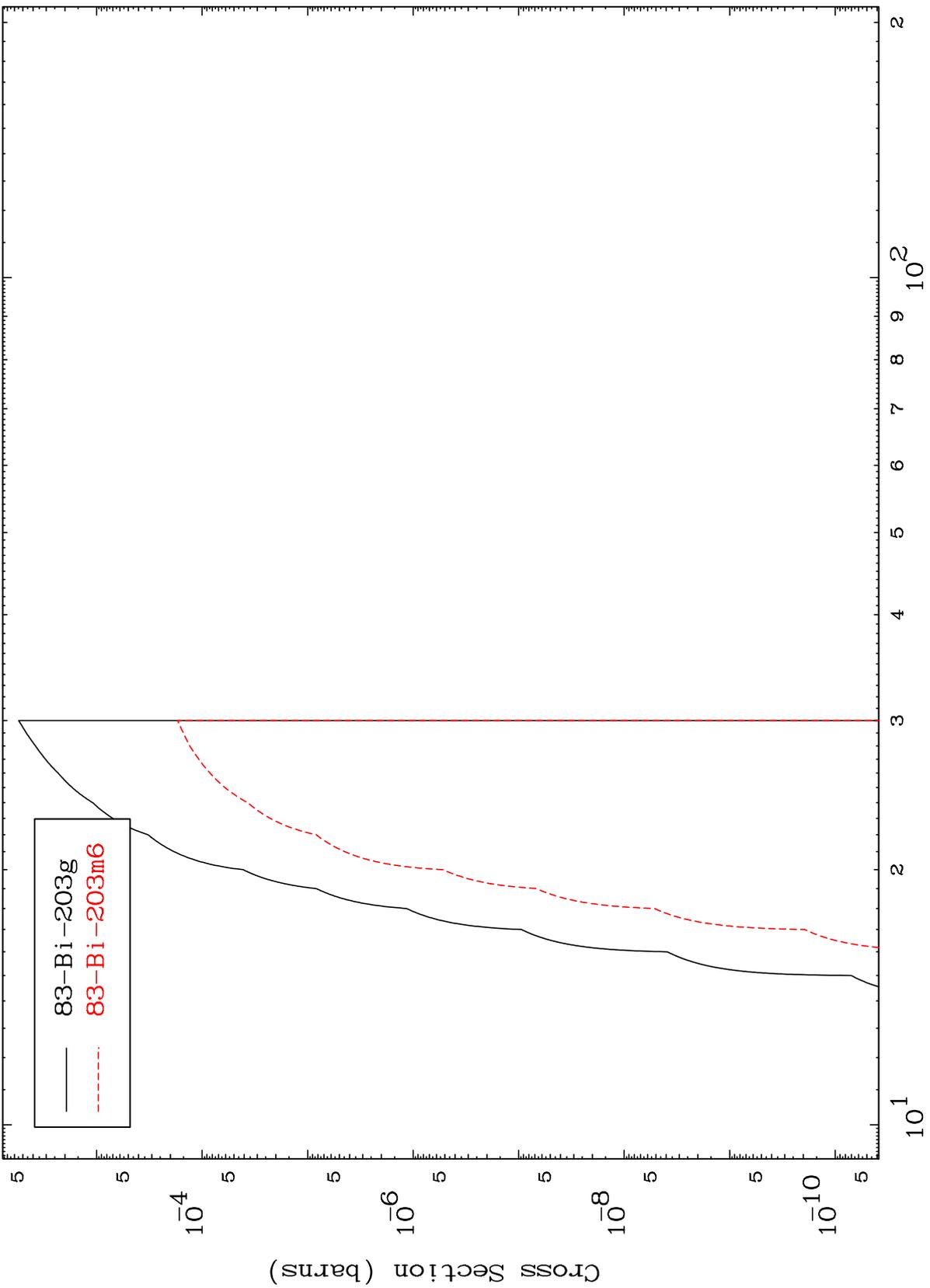


MAT 8313

(n,n') t

83-Bi-205

Radionuclide Production Cross Section



16

Incident Energy (MeV)

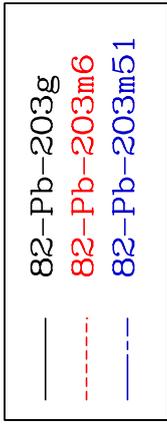
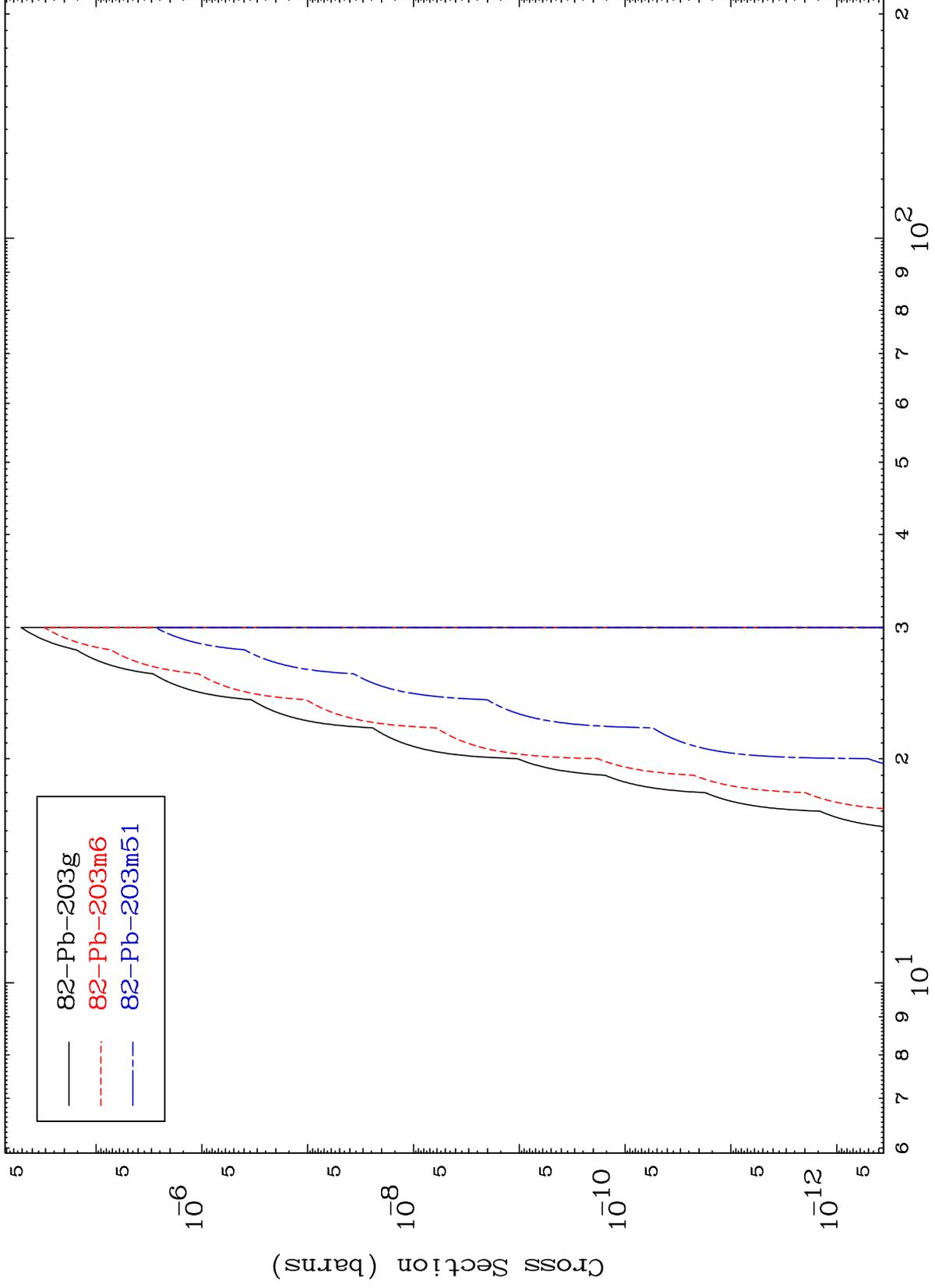
83-Bi-205

MAT 8313

(n,n') He-3

83-Bi-205

Radionuclide Production Cross Section



17

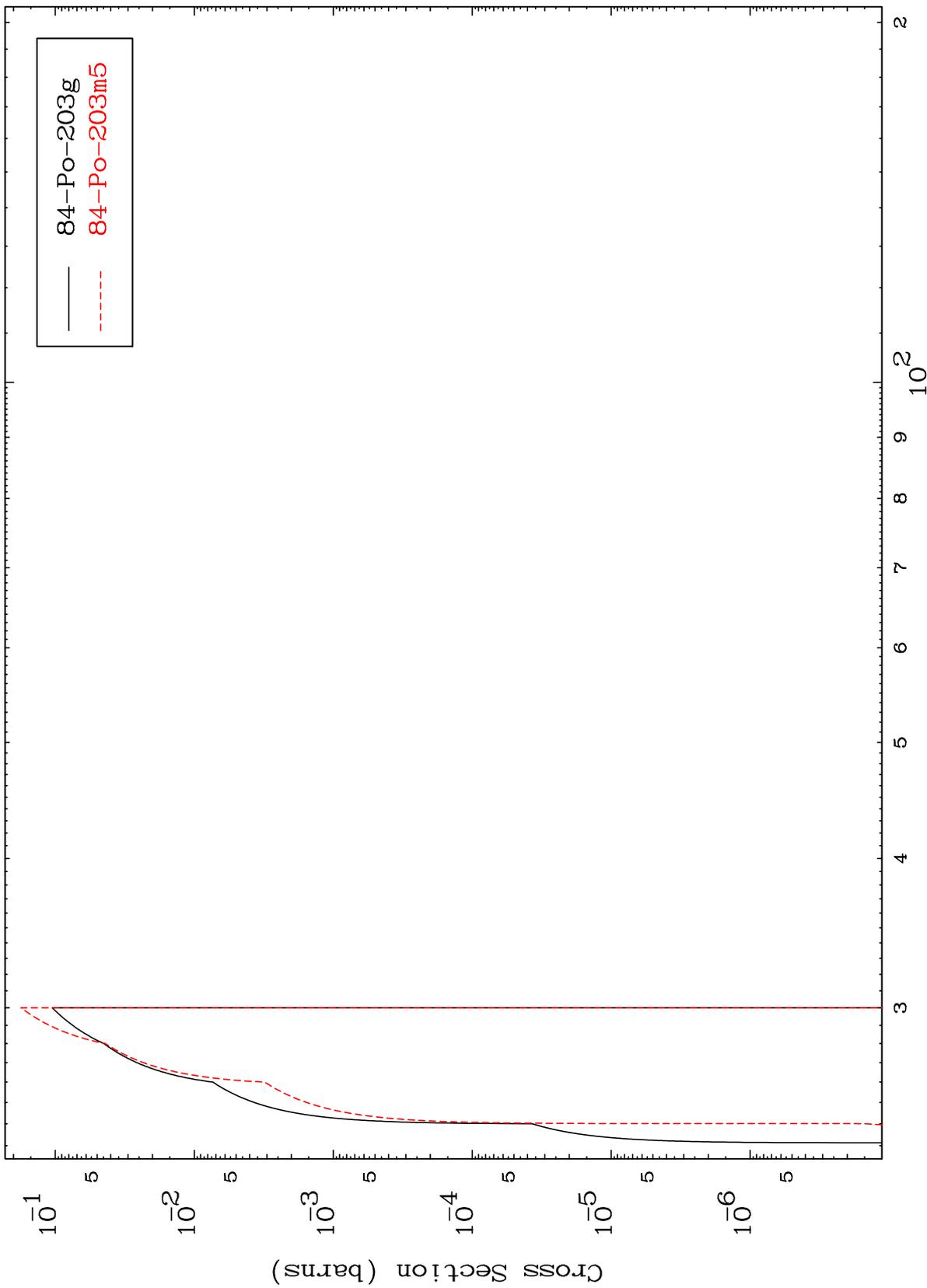
Incident Energy (MeV)

83-Bi-205

MAT 8313

83-Bi-205

(n,4n)
Radionuclide Production Cross Section



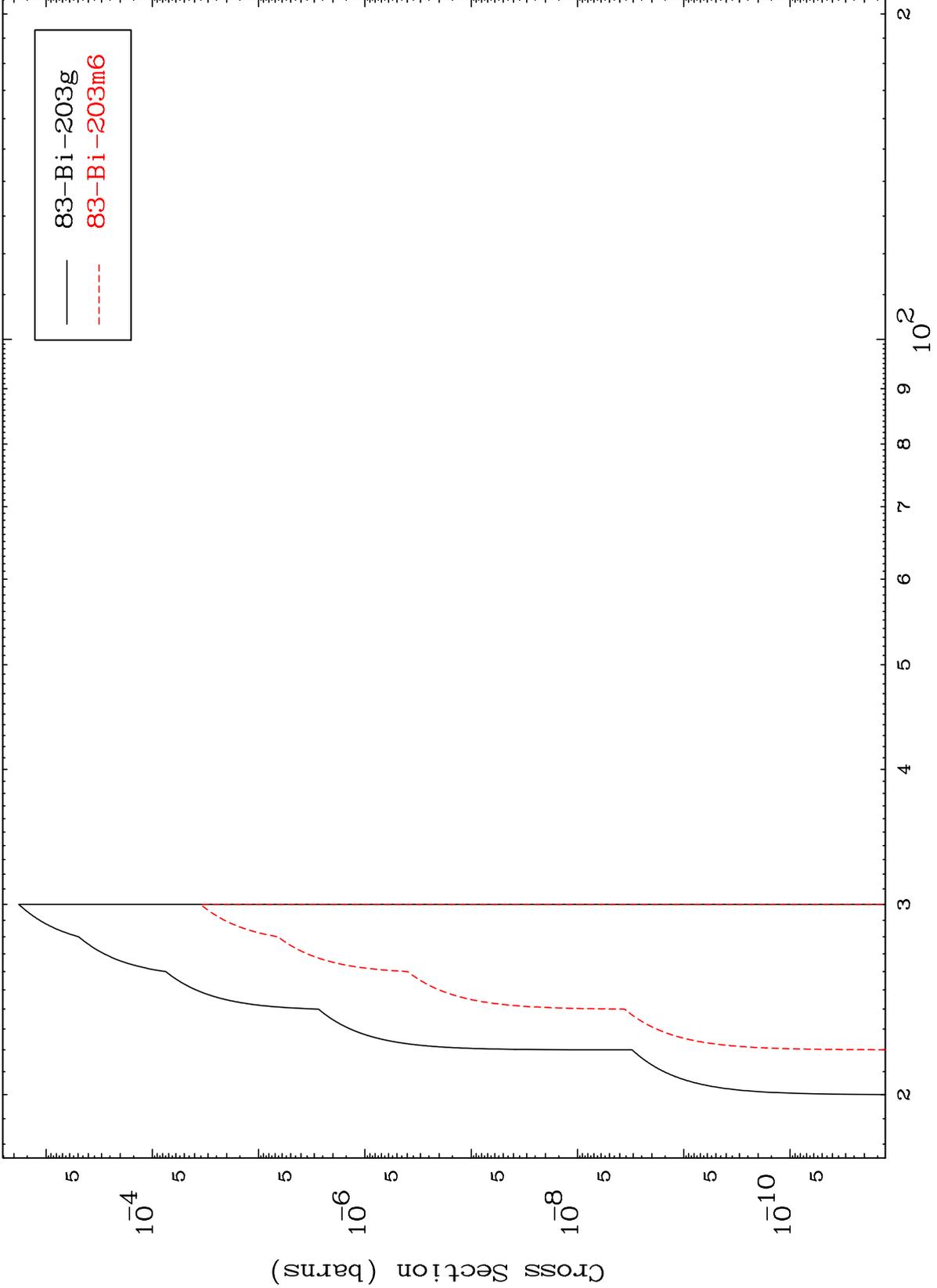
84-Po-203g
84-Po-203m5

18

83-Bi-205

Incident Energy (MeV)

Radionuclide Production Cross Section

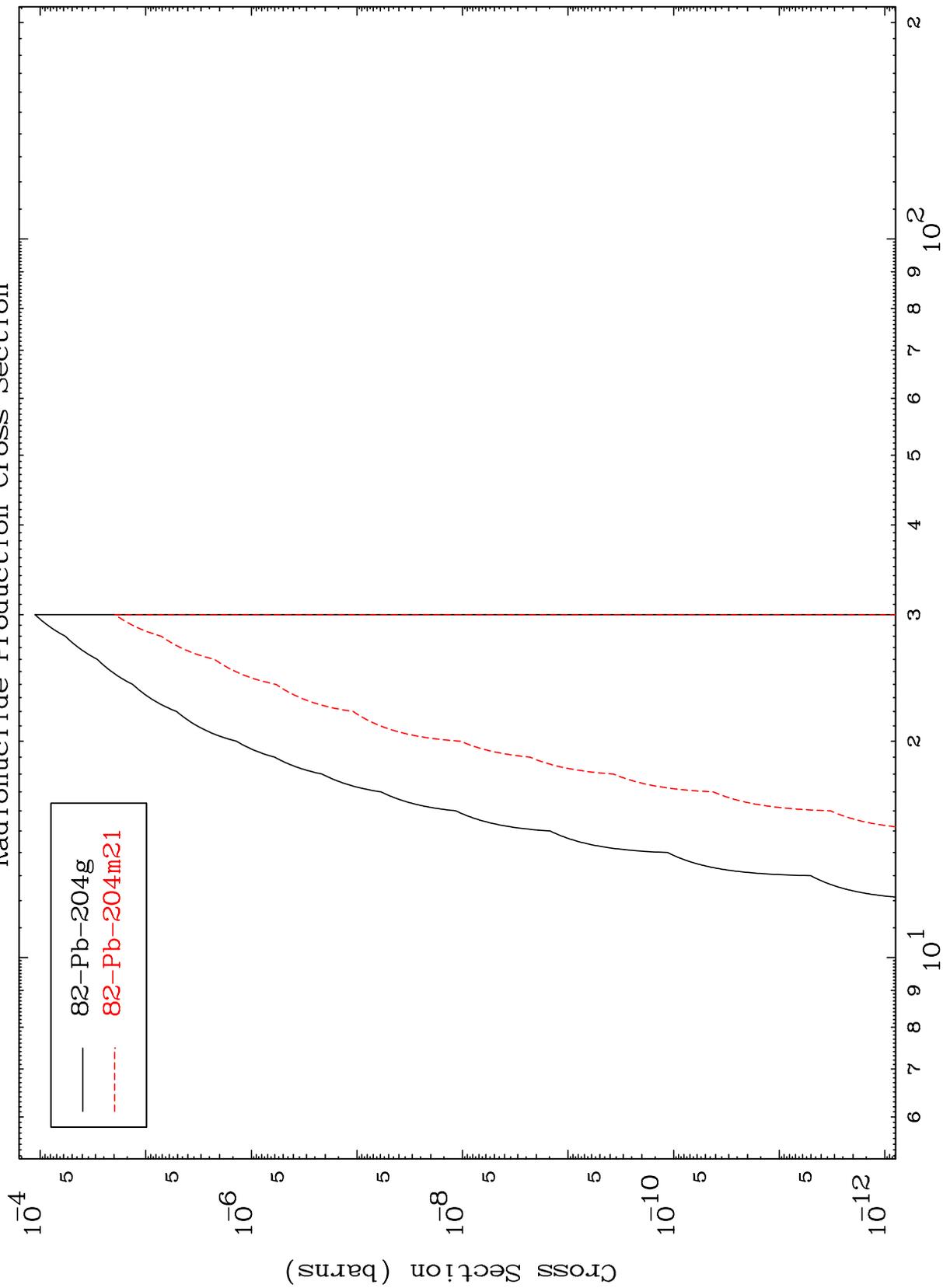


MAT 8313

(n,2n) p

83-Bi-205

Radionuclide Production Cross Section



20

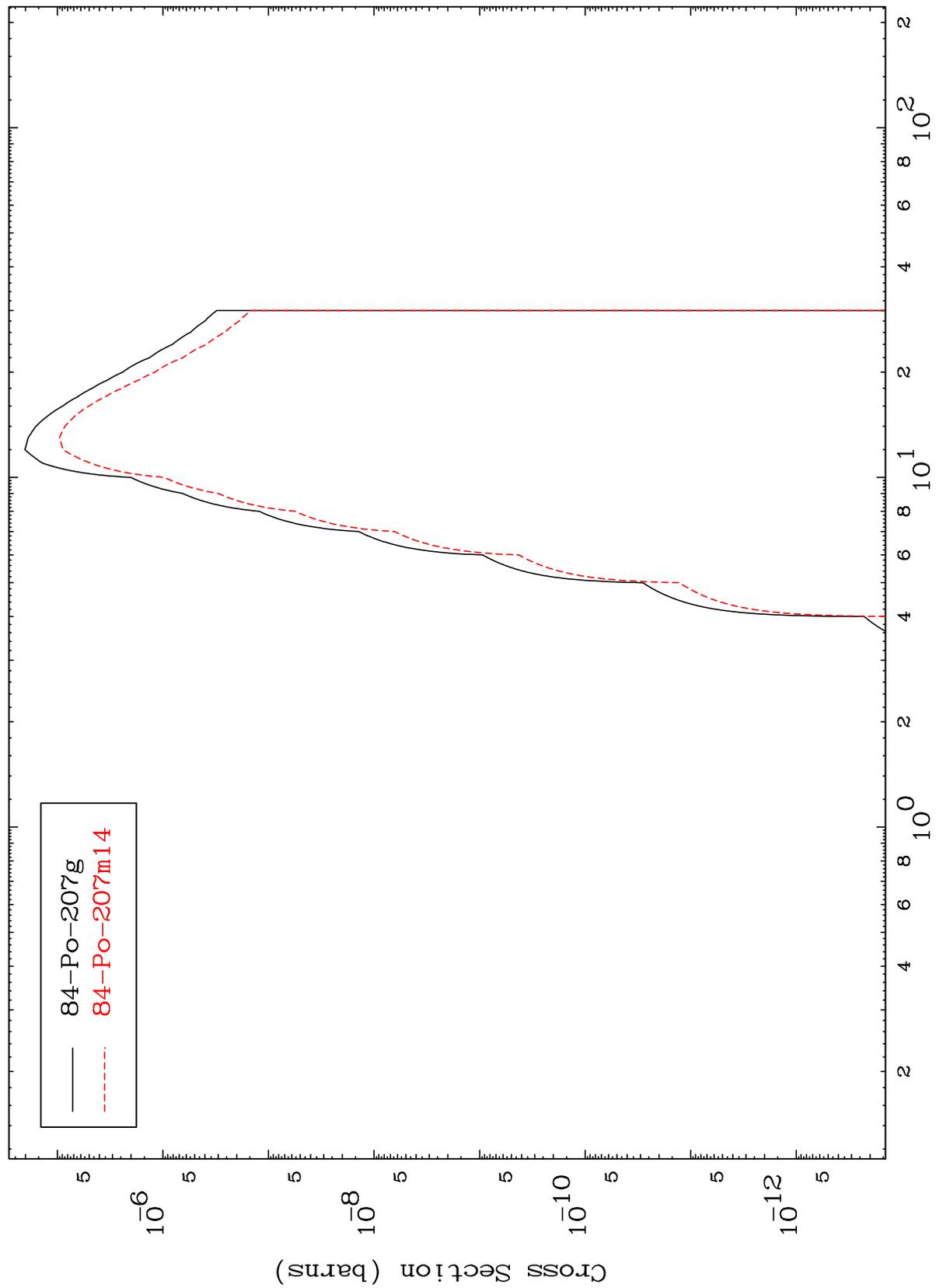
Incident Energy (MeV)

83-Bi-205

MAT 8313

83-Bi-205

(n, γ)
Radionuclide Production Cross Section



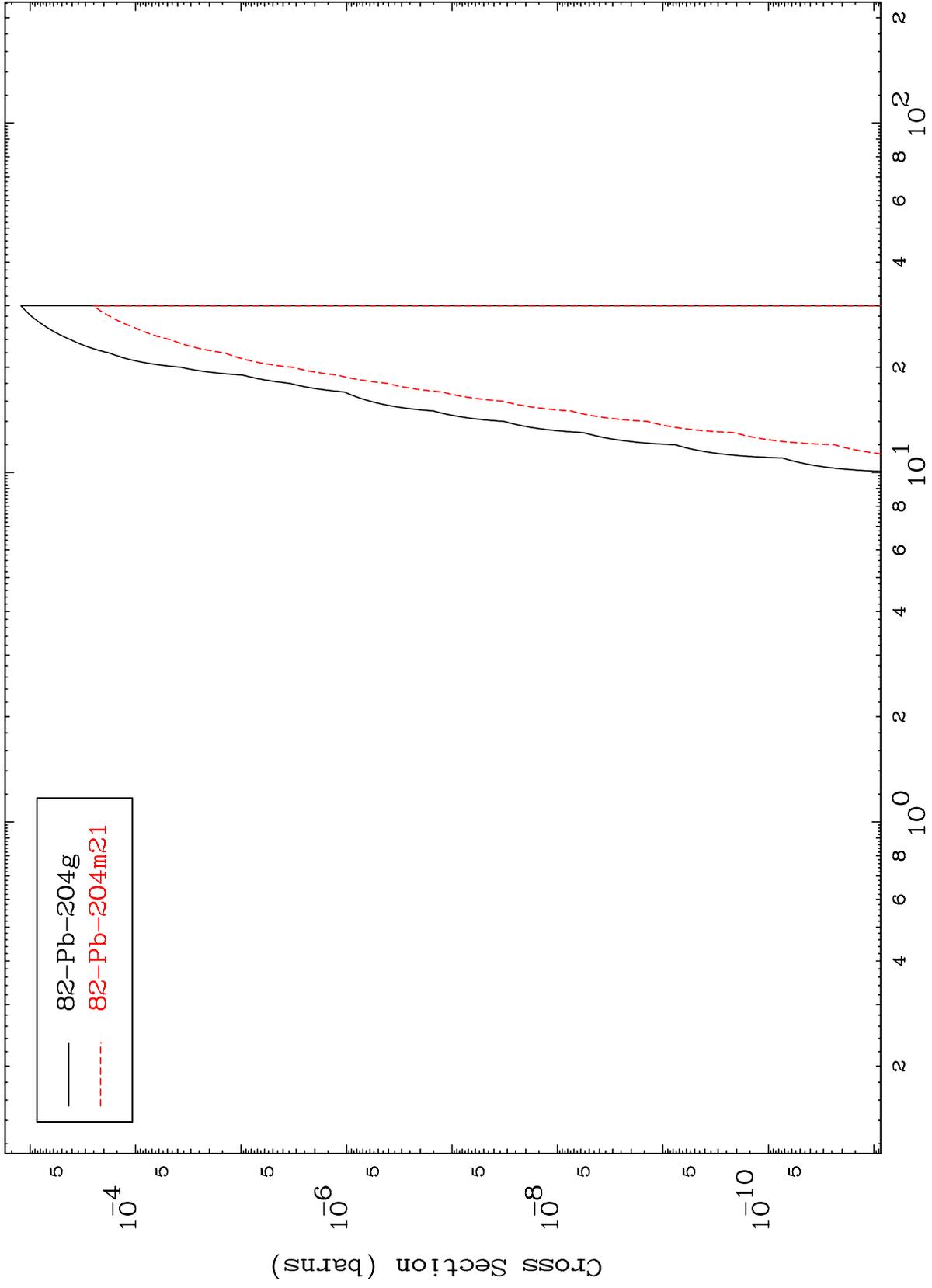
— 84-Po-207g
- - - 84-Po-207m14

MAT 8313

(n,He-3)

83-Bi-205

Radionuclide Production Cross Section



22

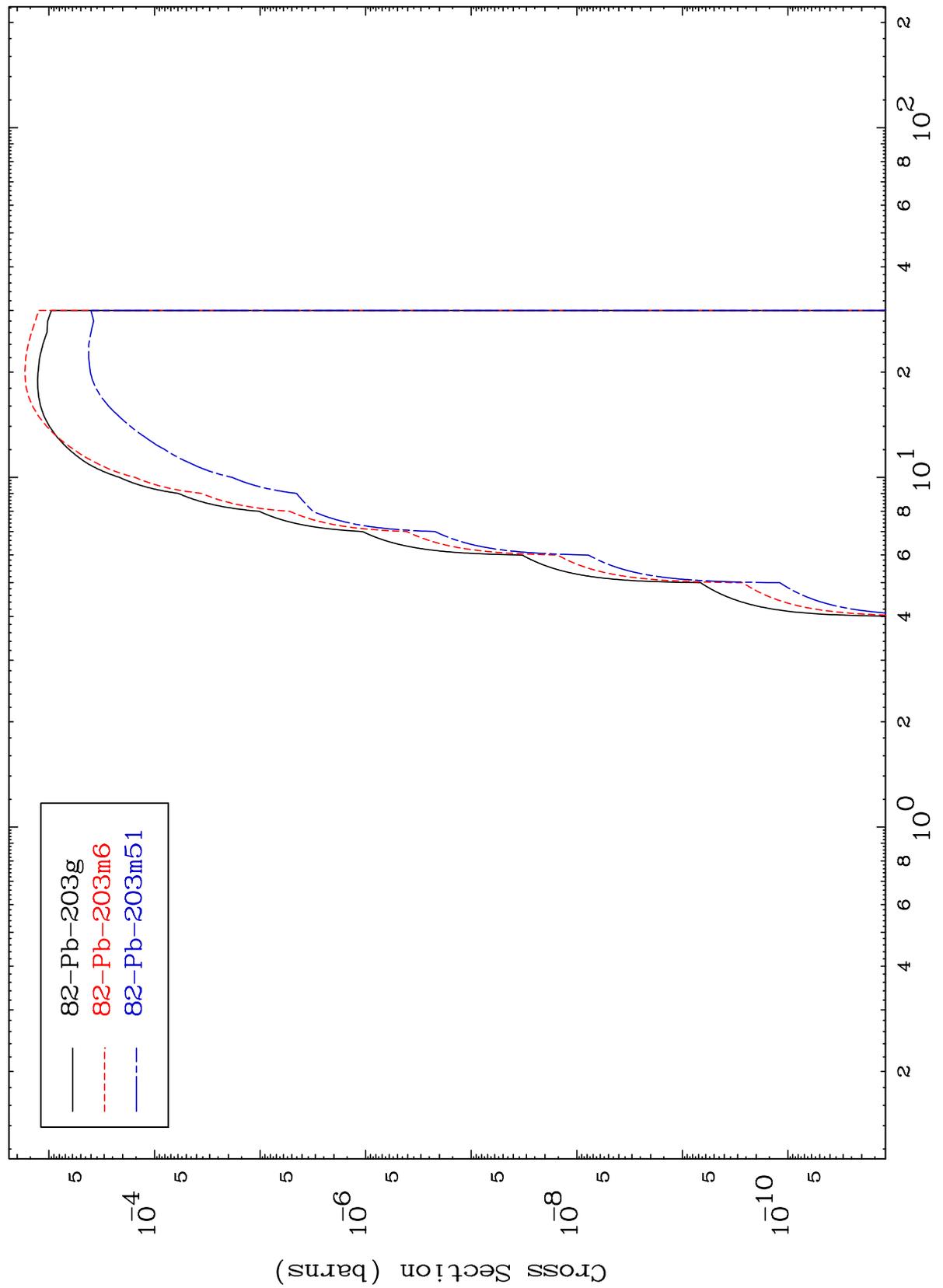
83-Bi-205

83-Bi-205

MAT 8313

83-Bi-205

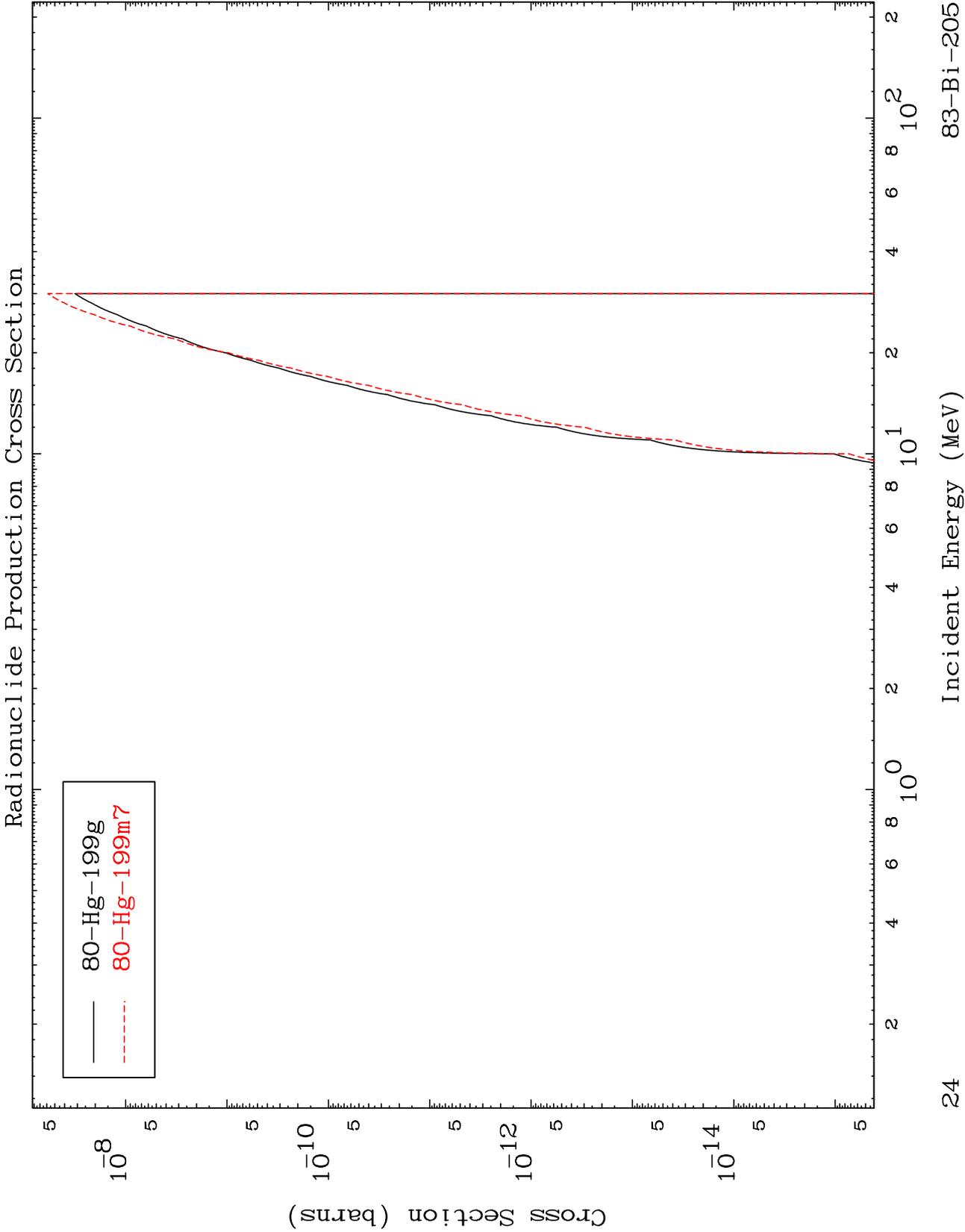
Radionuclide Production Cross Section
(n, α)



MAT 8313

(n,2α)

83-Bi-205

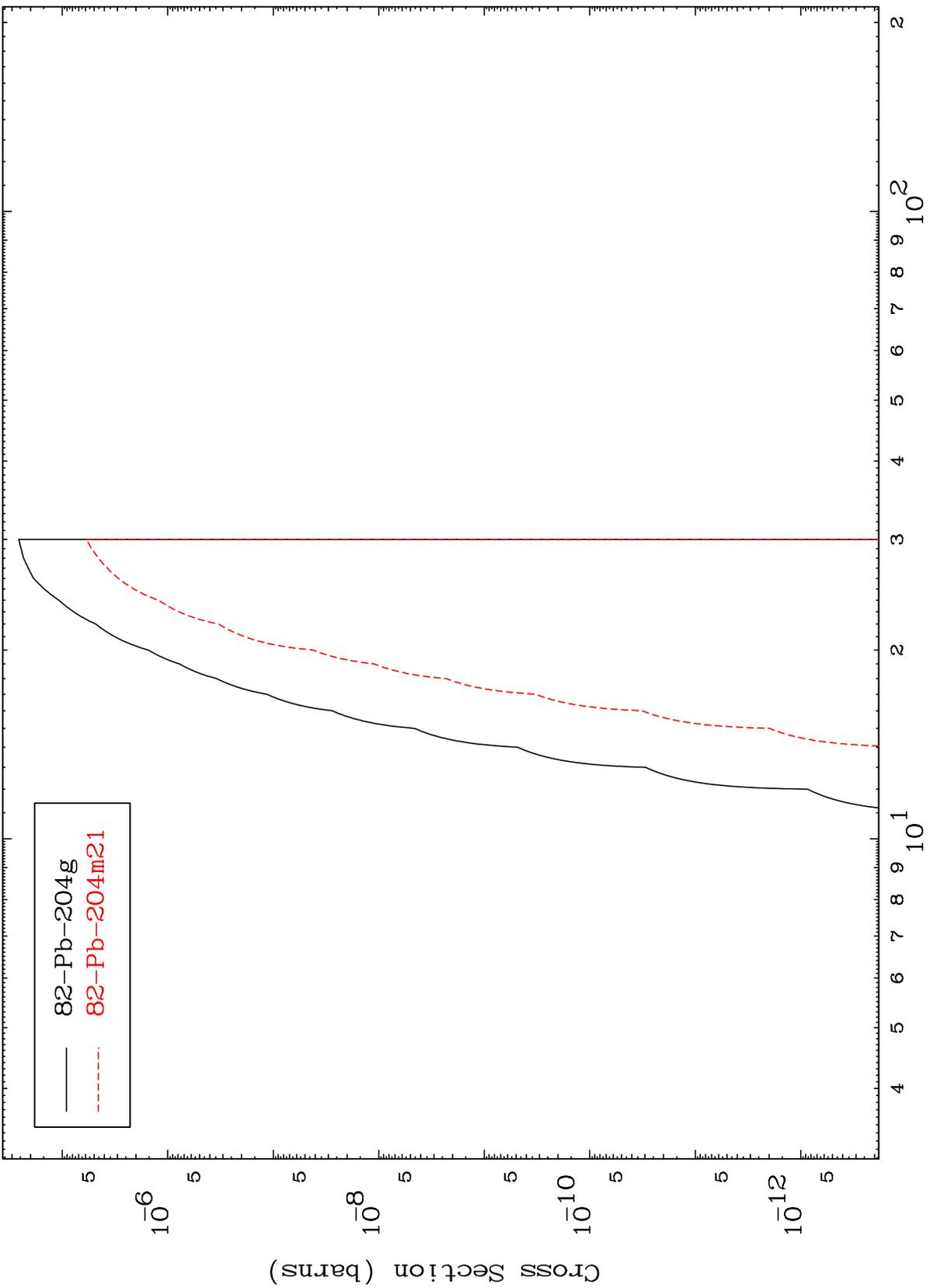


MAT 8313

(n,p) d

83-Bi-205

Radionuclide Production Cross Section



25

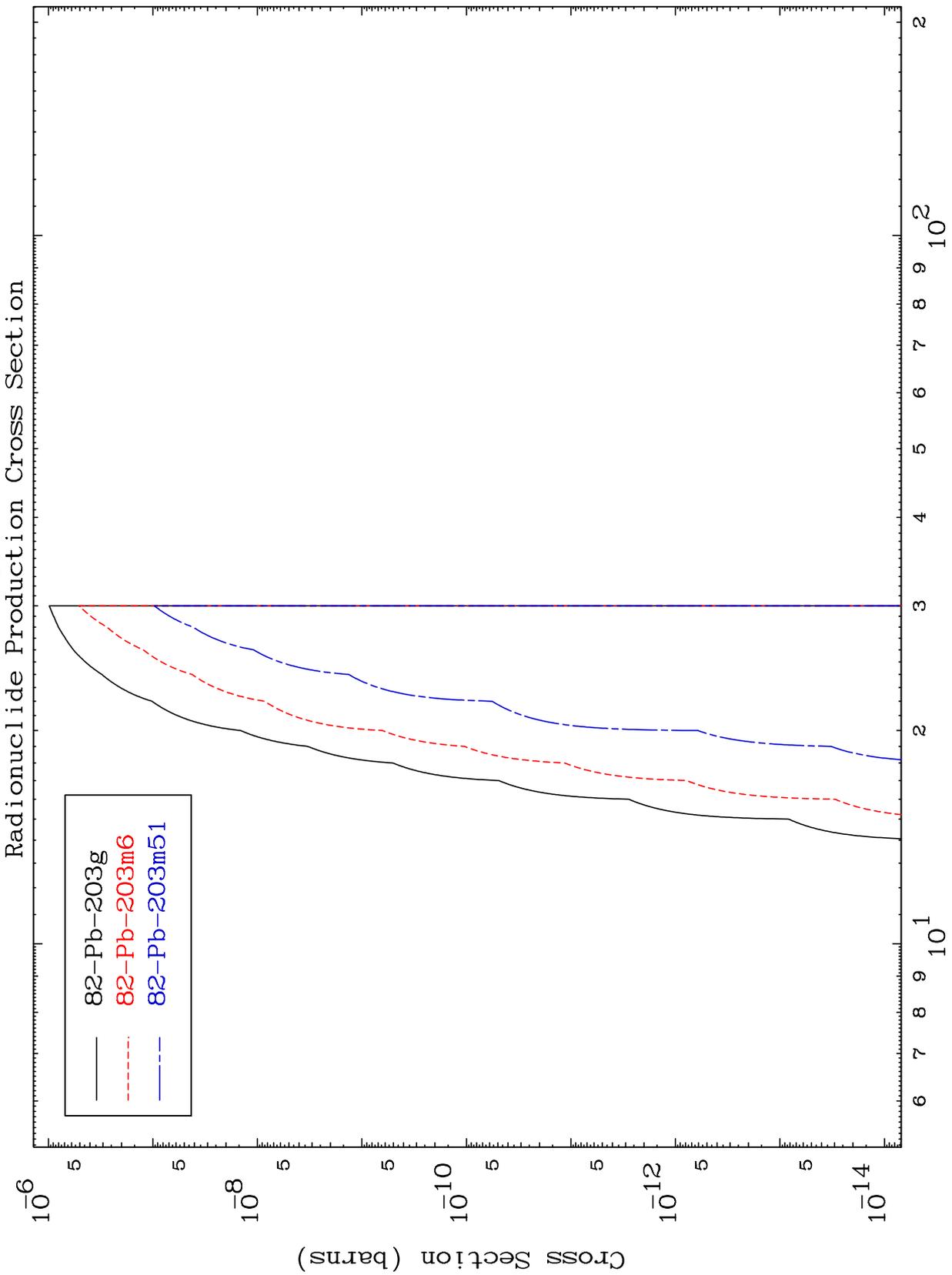
Incident Energy (MeV)

83-Bi-205

MAT 8313

(n,p) t

83-Bi-205



26

Incident Energy (MeV)

83-Bi-205