

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

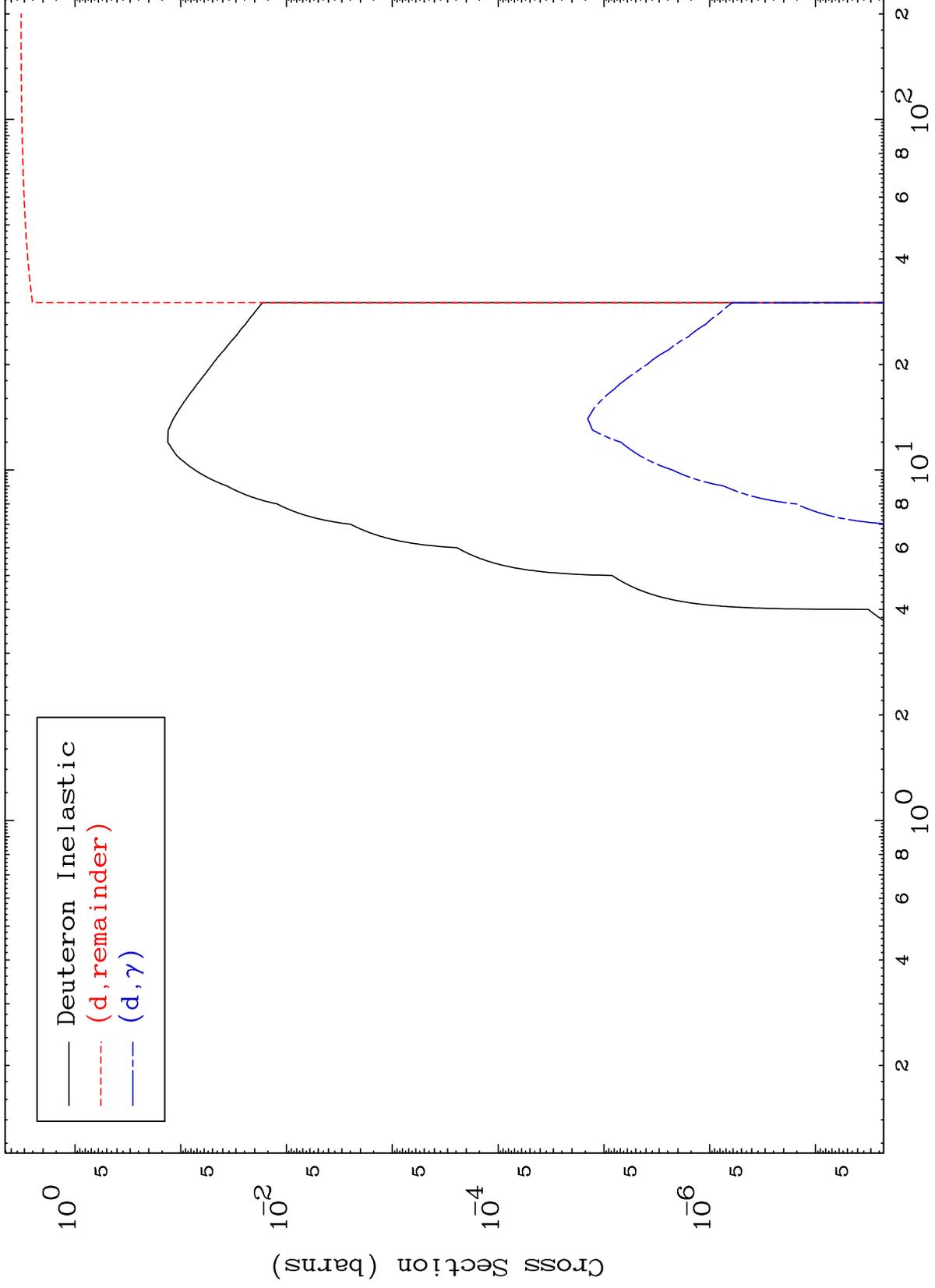
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8313

Deuteron Major
0 Kelvin Cross Sections

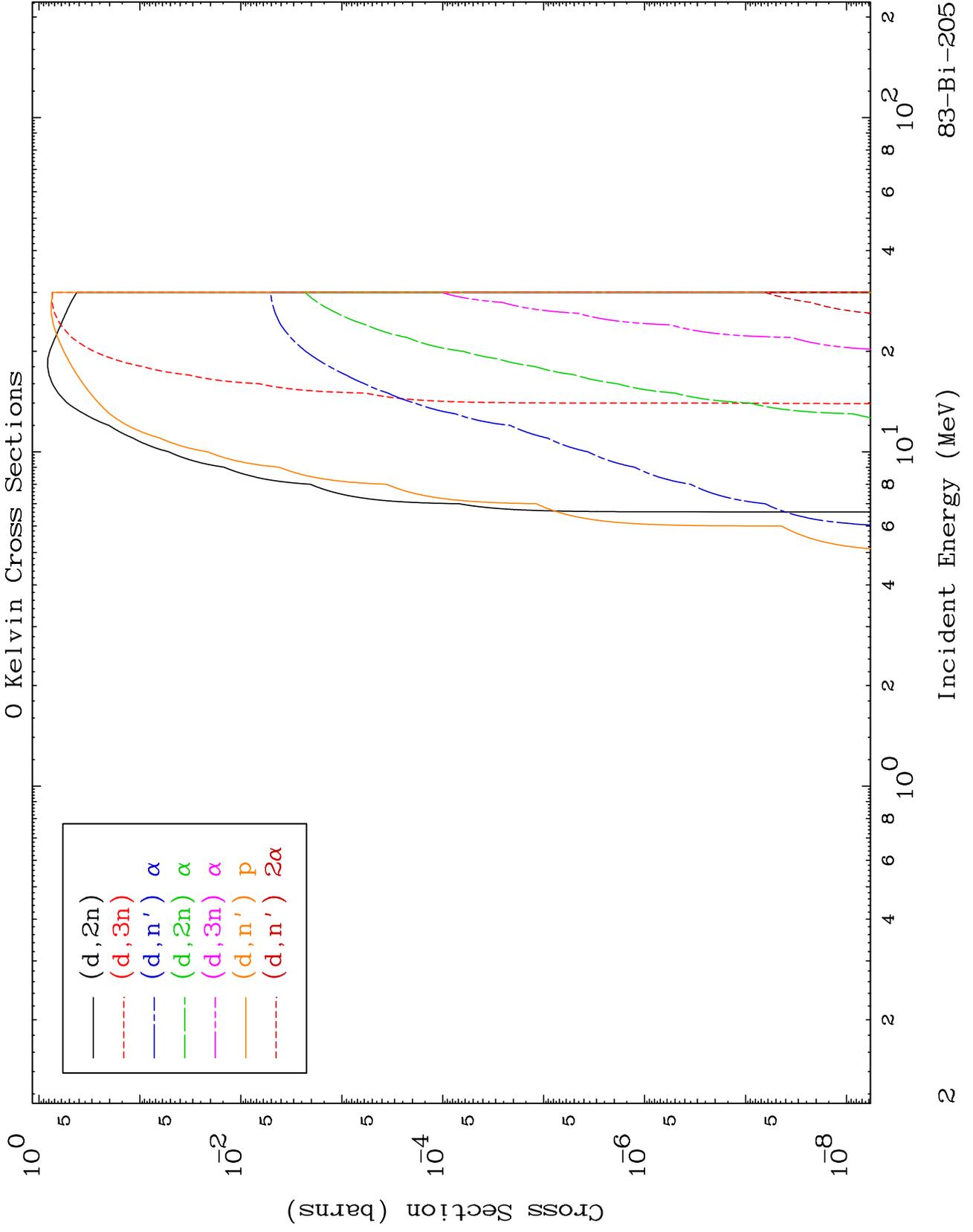
83-Bi-205

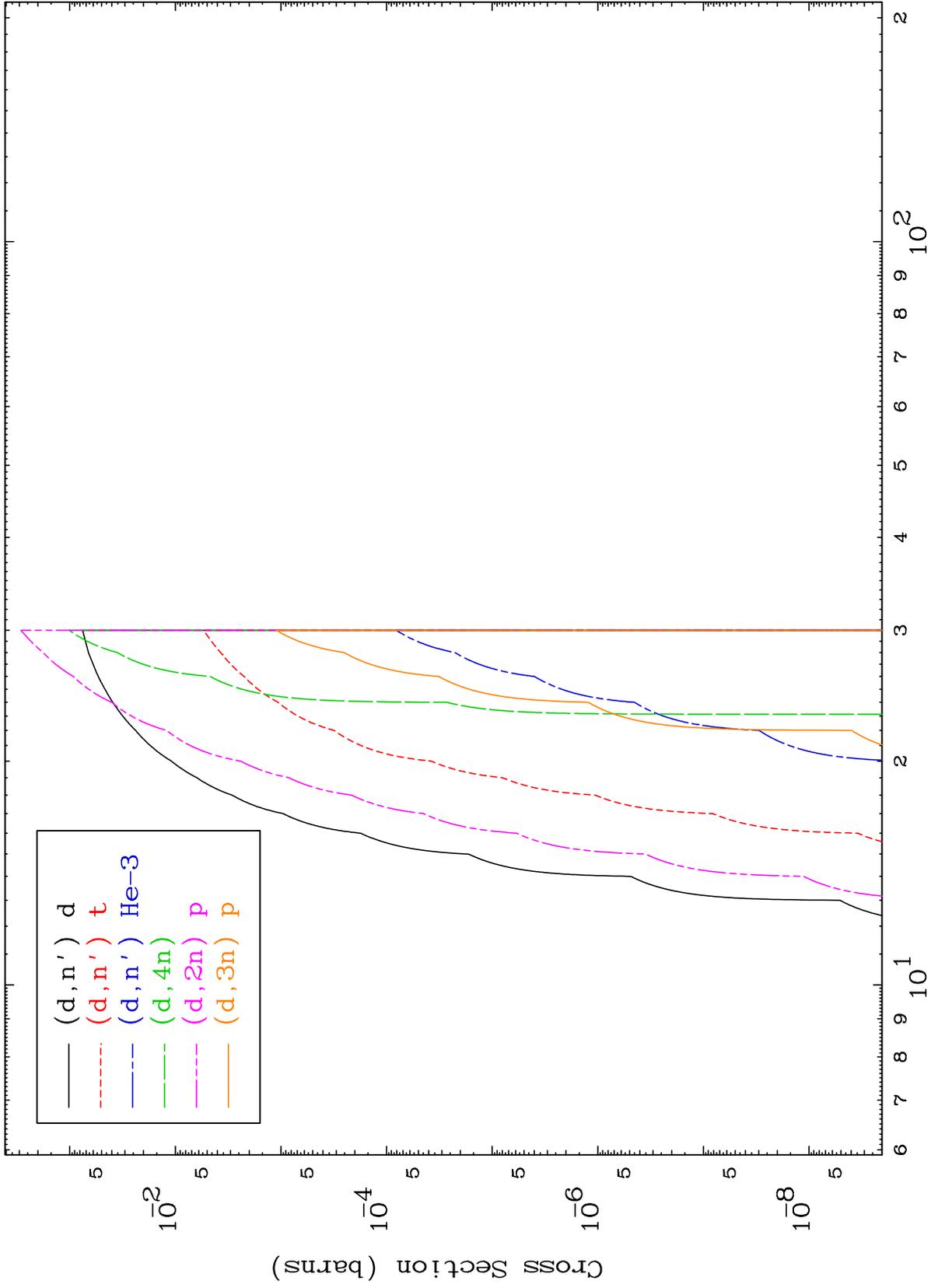


MAT 8313

Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-205

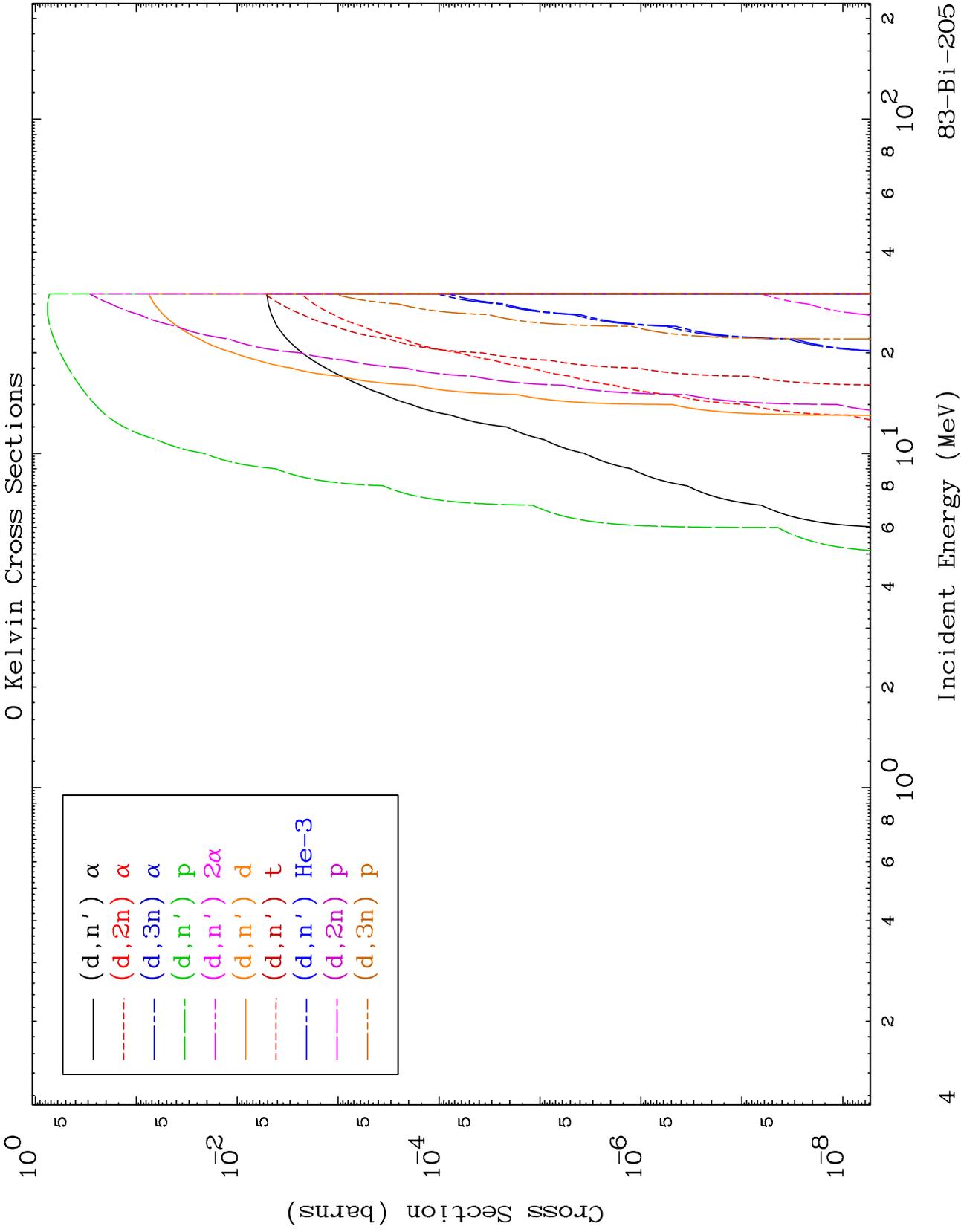


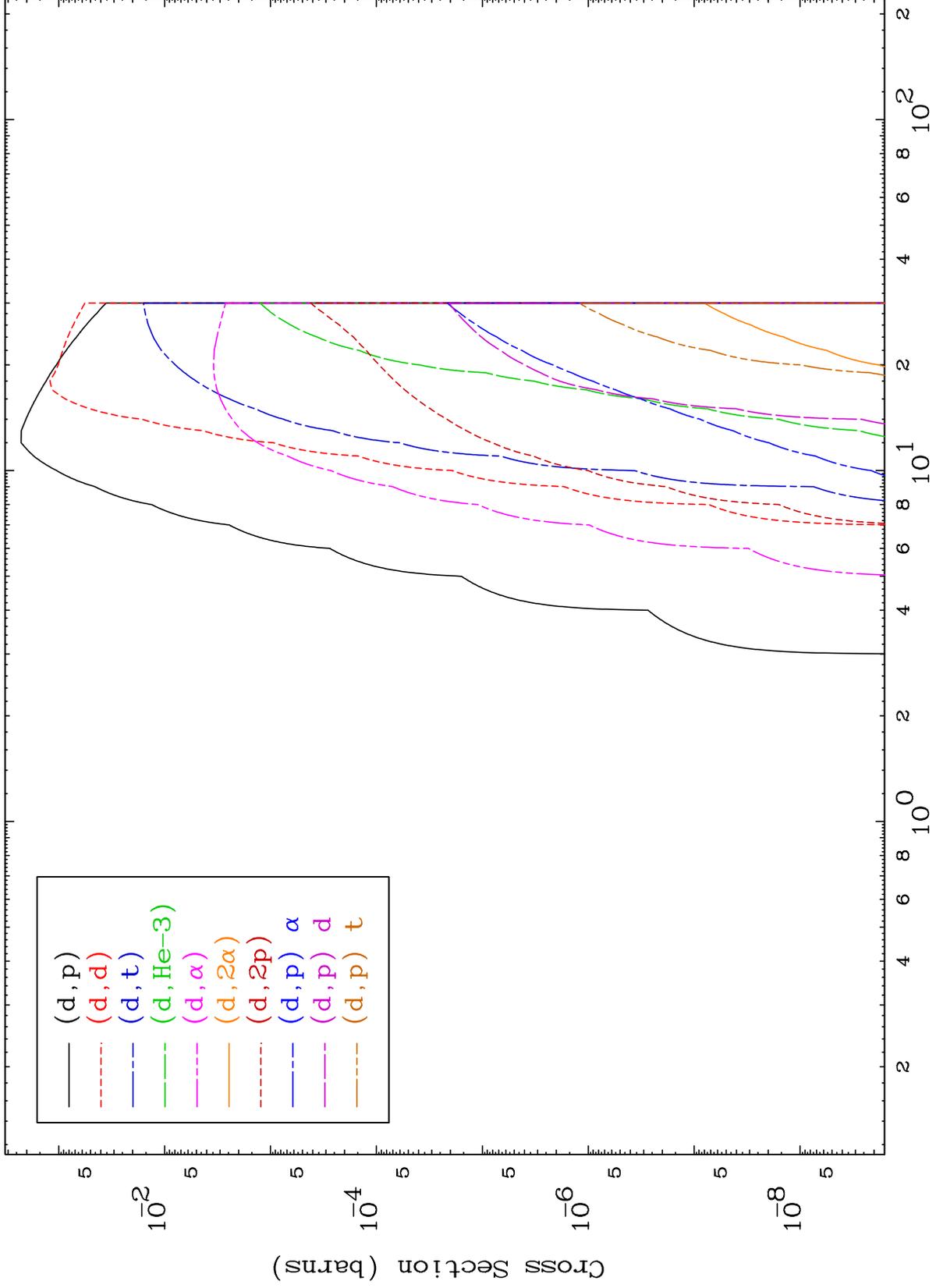


MAT 8313

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-205



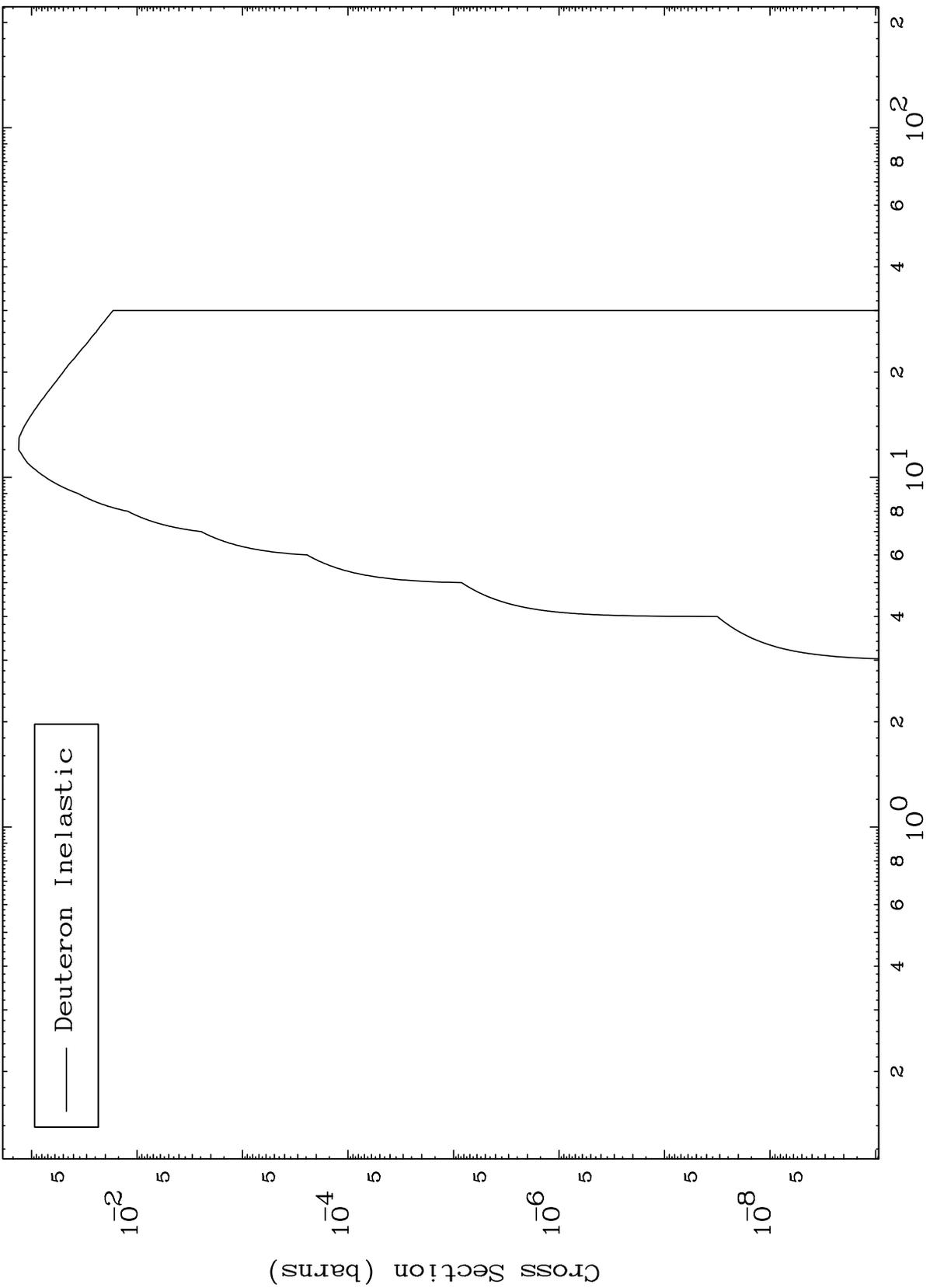


MAT 8313

(d,n') Level

83-Bi-205

0 Kelvin Cross Sections

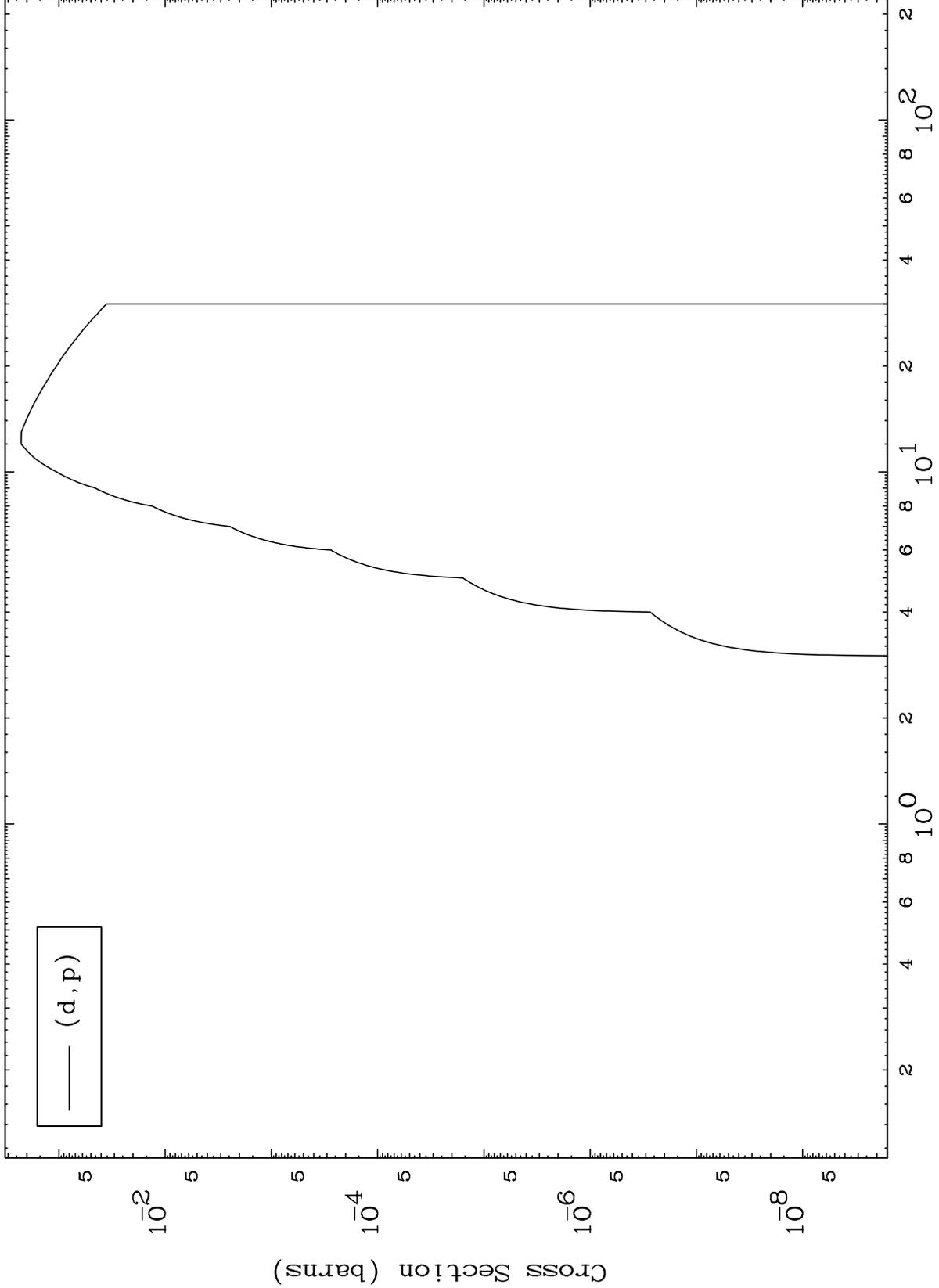


MAT 8313

(d,p) Levels

83-Bi-205

0 Kelvin Cross Sections

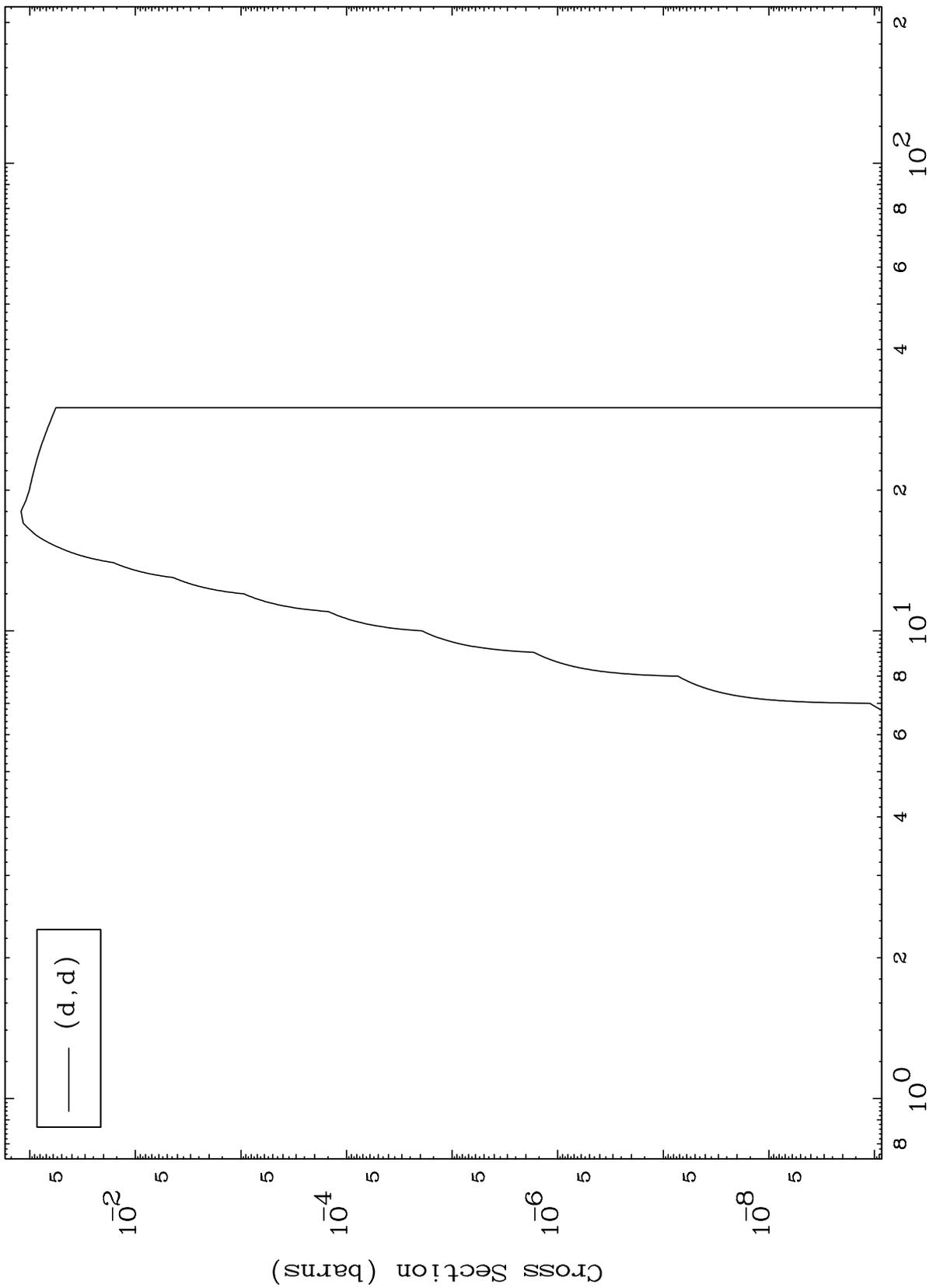


MAT 8313

(d,d) Levels

83-Bi-205

0 Kelvin Cross Sections



Incident Energy (MeV)

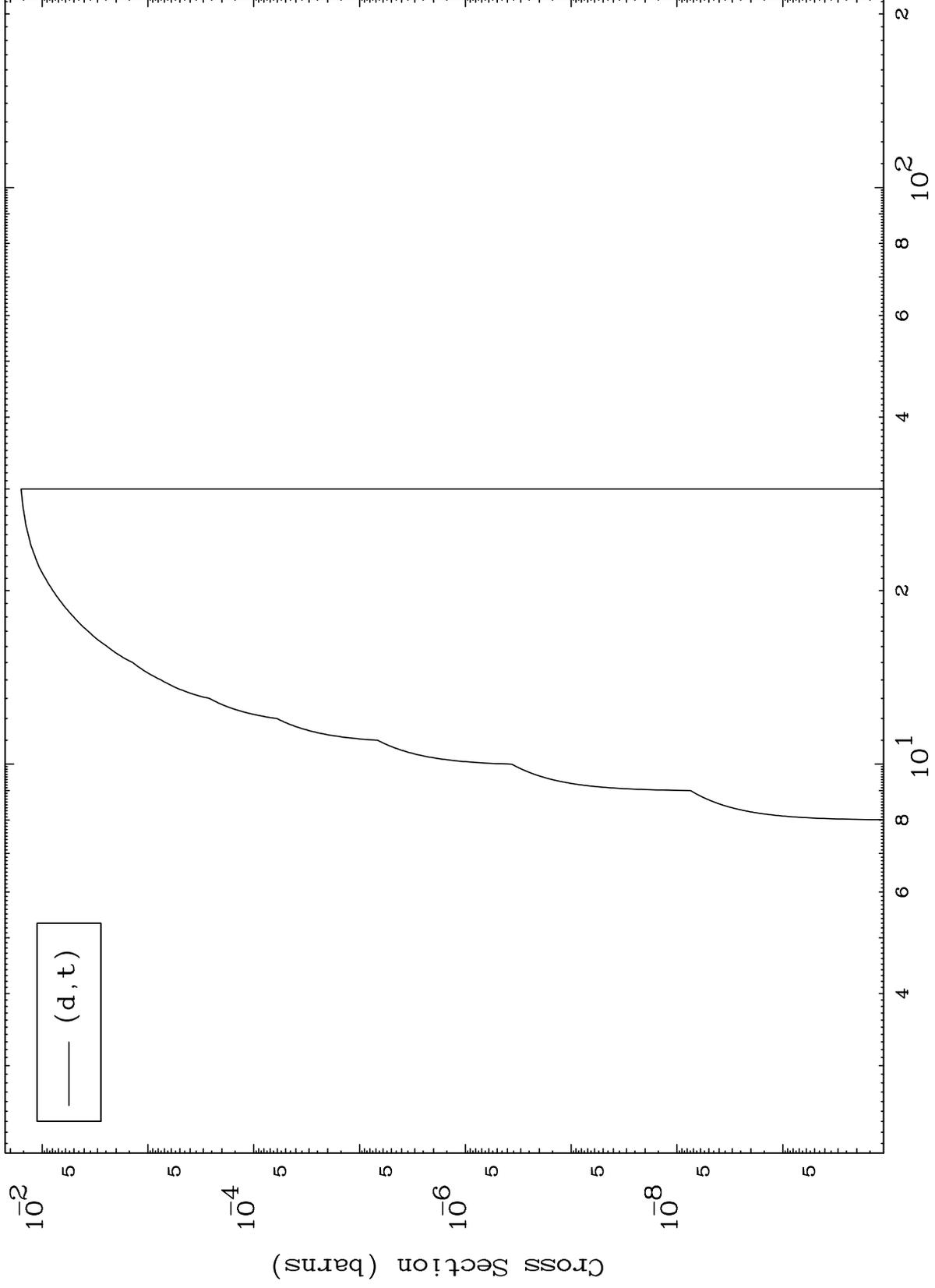
83-Bi-205

8

MAT 8313

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-205

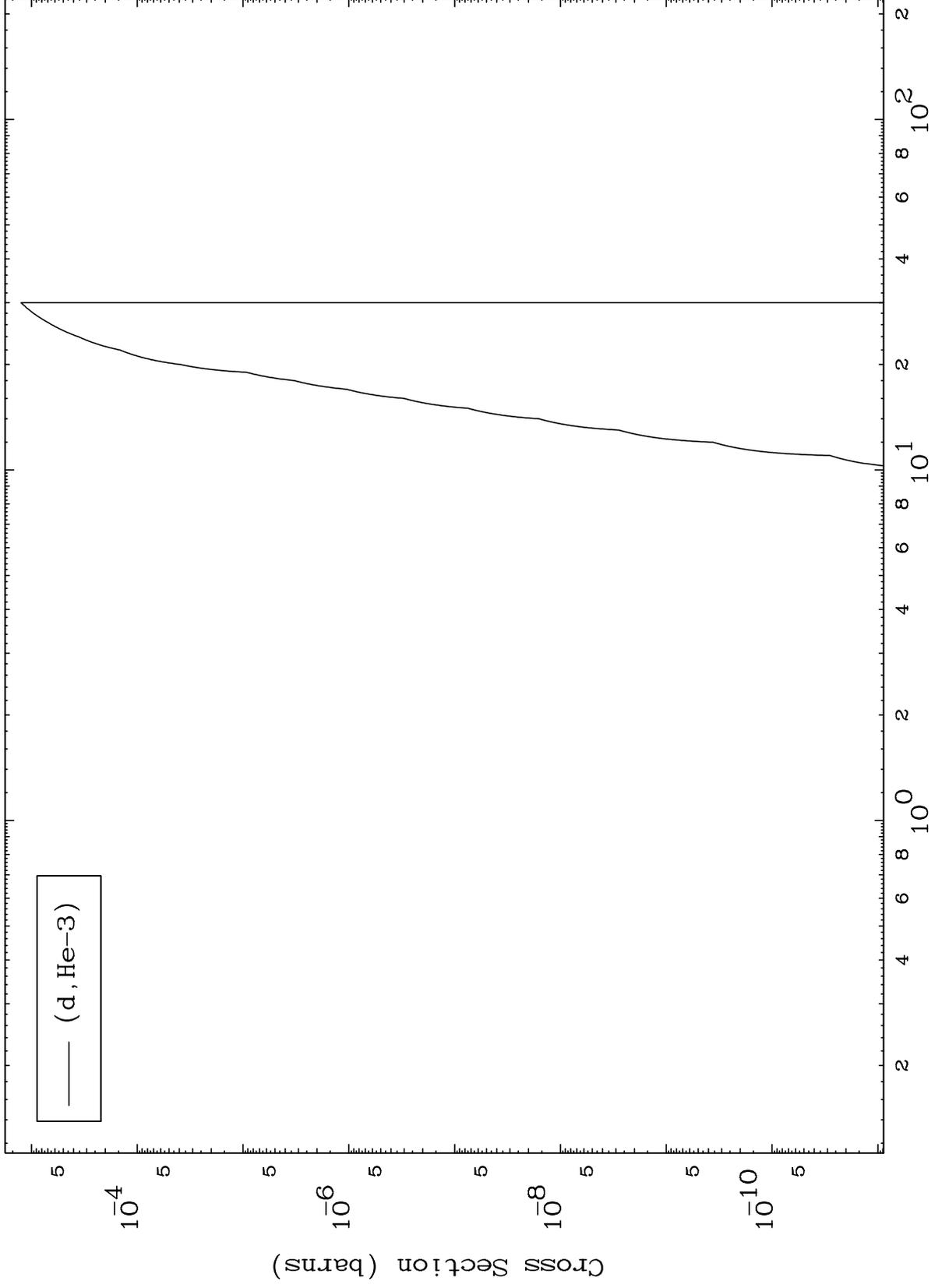


MAT 8313

(d,He3) Levels

83-Bi-205

0 Kelvin Cross Sections



10

Incident Energy (MeV)

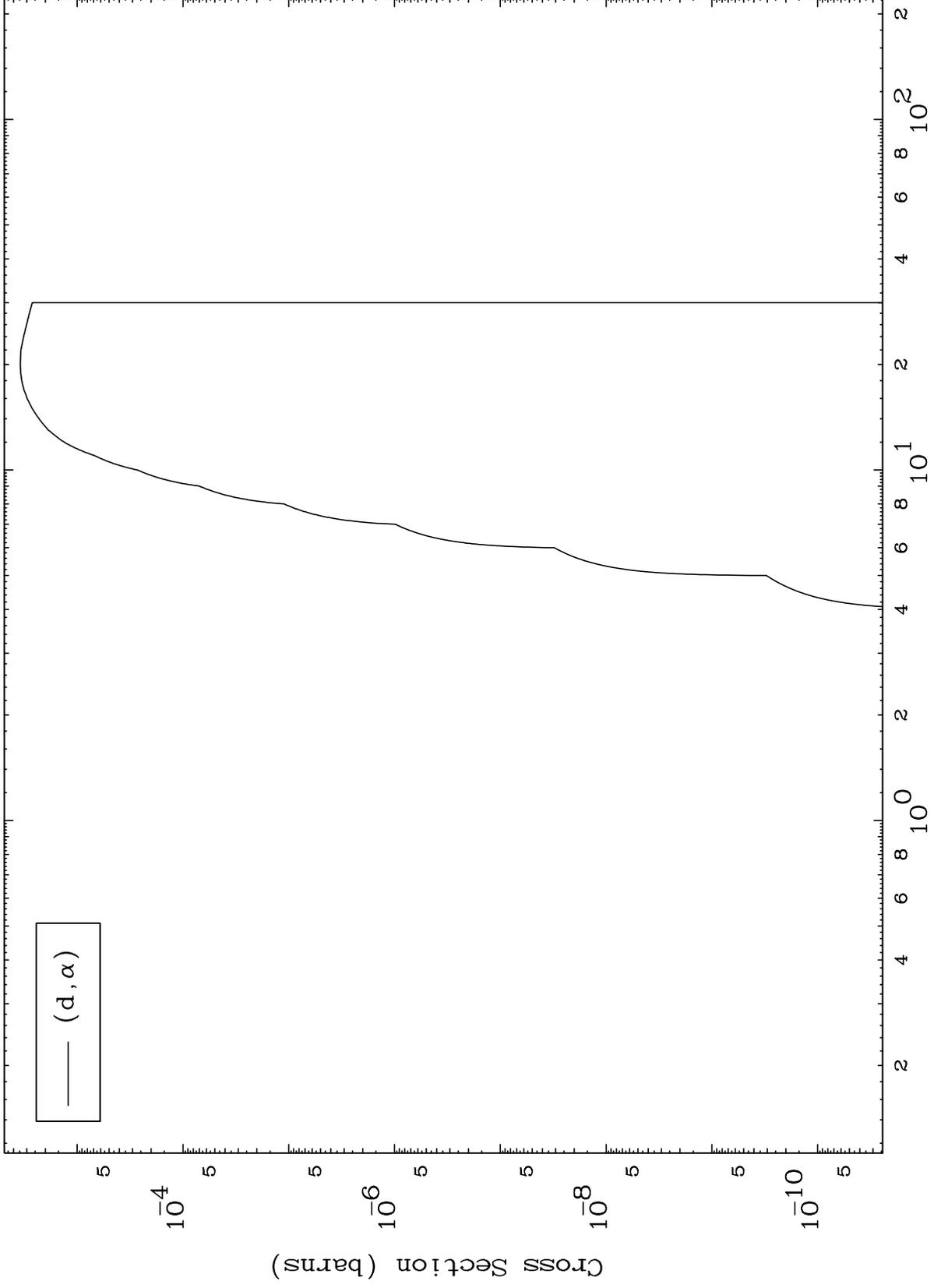
83-Bi-205

MAT 8313

(d, α) Levels

83-Bi-205

0 Kelvin Cross Sections

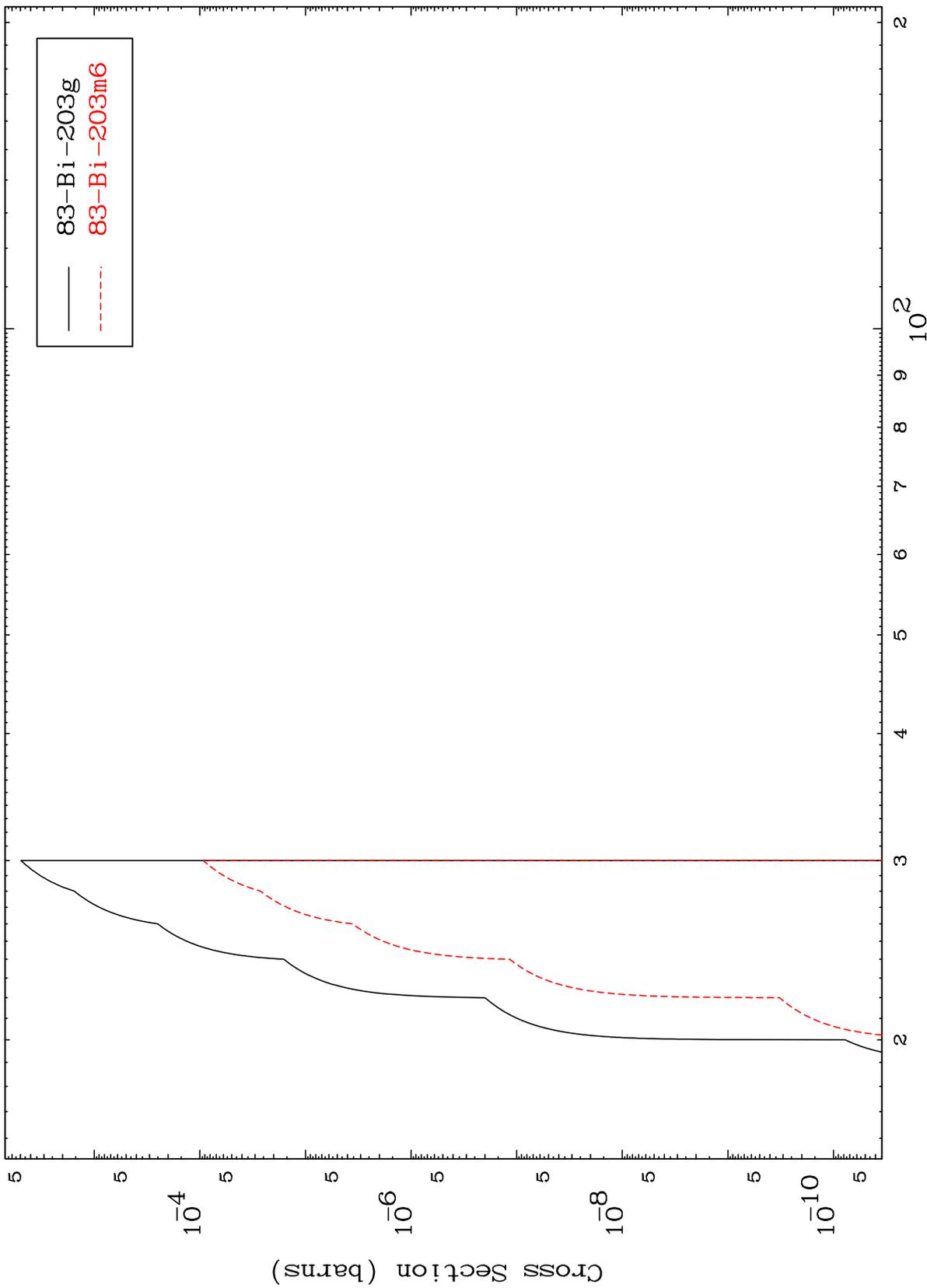


MAT 8313

(d,2n) d

83-Bi-205

Radionuclide Production Cross Section



12

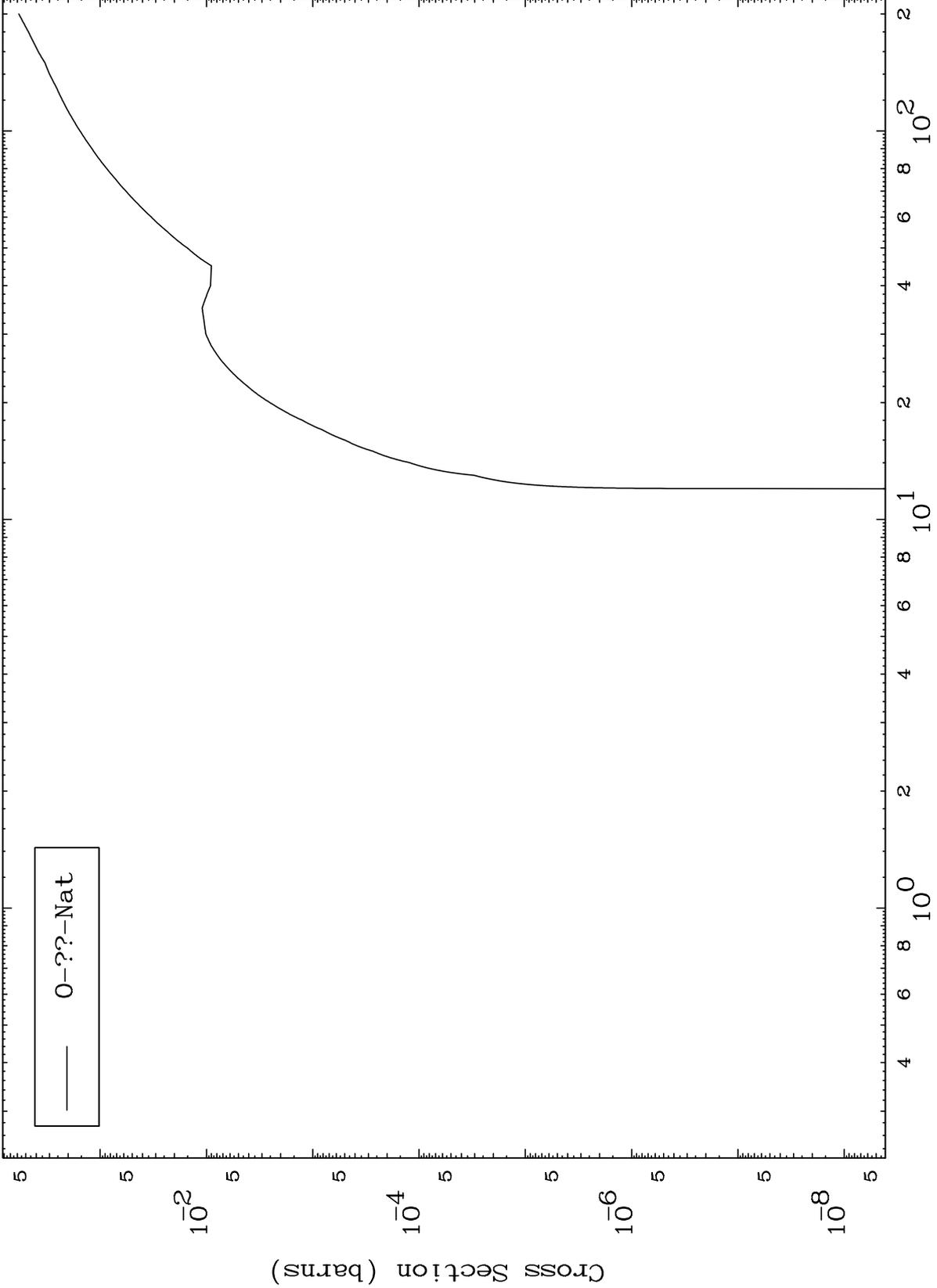
Incident Energy (MeV)

83-Bi-205

MAT 8313

Deuteron Fission
Radionuclide Production Cross Section

83-Bi-205



13

Incident Energy (MeV)

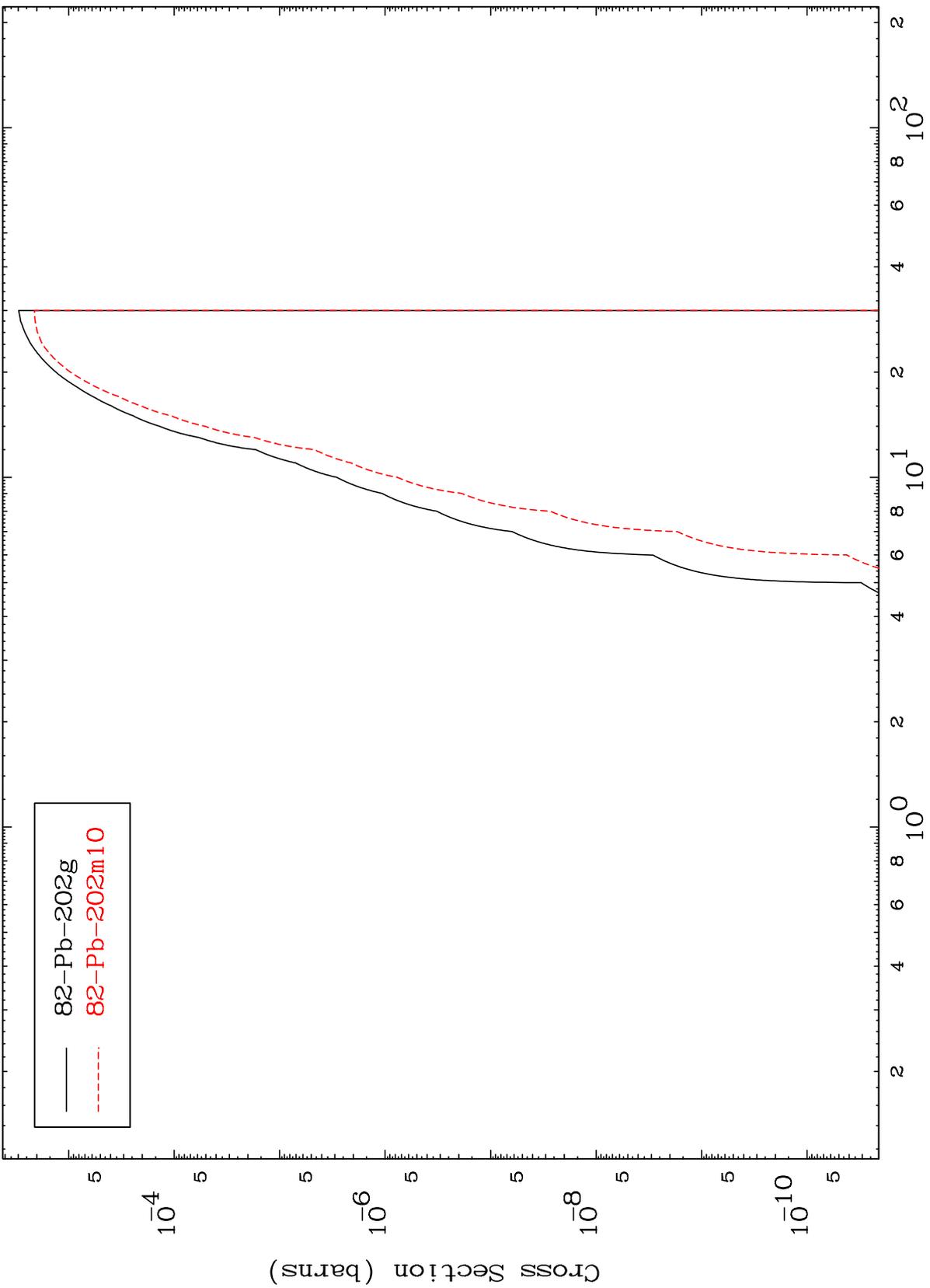
83-Bi-205

MAT 8313

(d,n') α

83-Bi-205

Radionuclide Production Cross Section



14

Incident Energy (MeV)

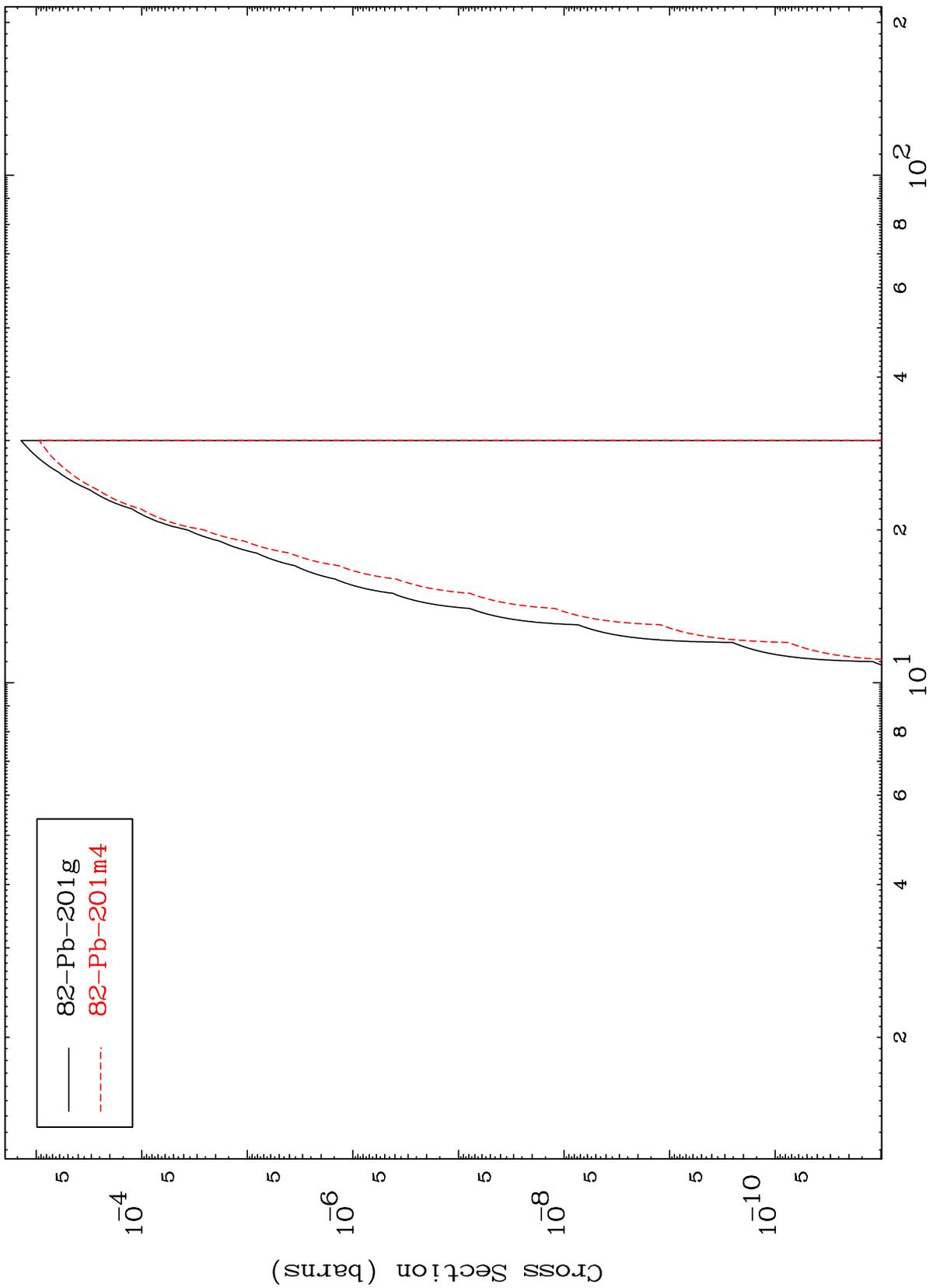
83-Bi-205

MAT 8313

$(d,2n) \alpha$

83-Bi-205

Radionuclide Production Cross Section

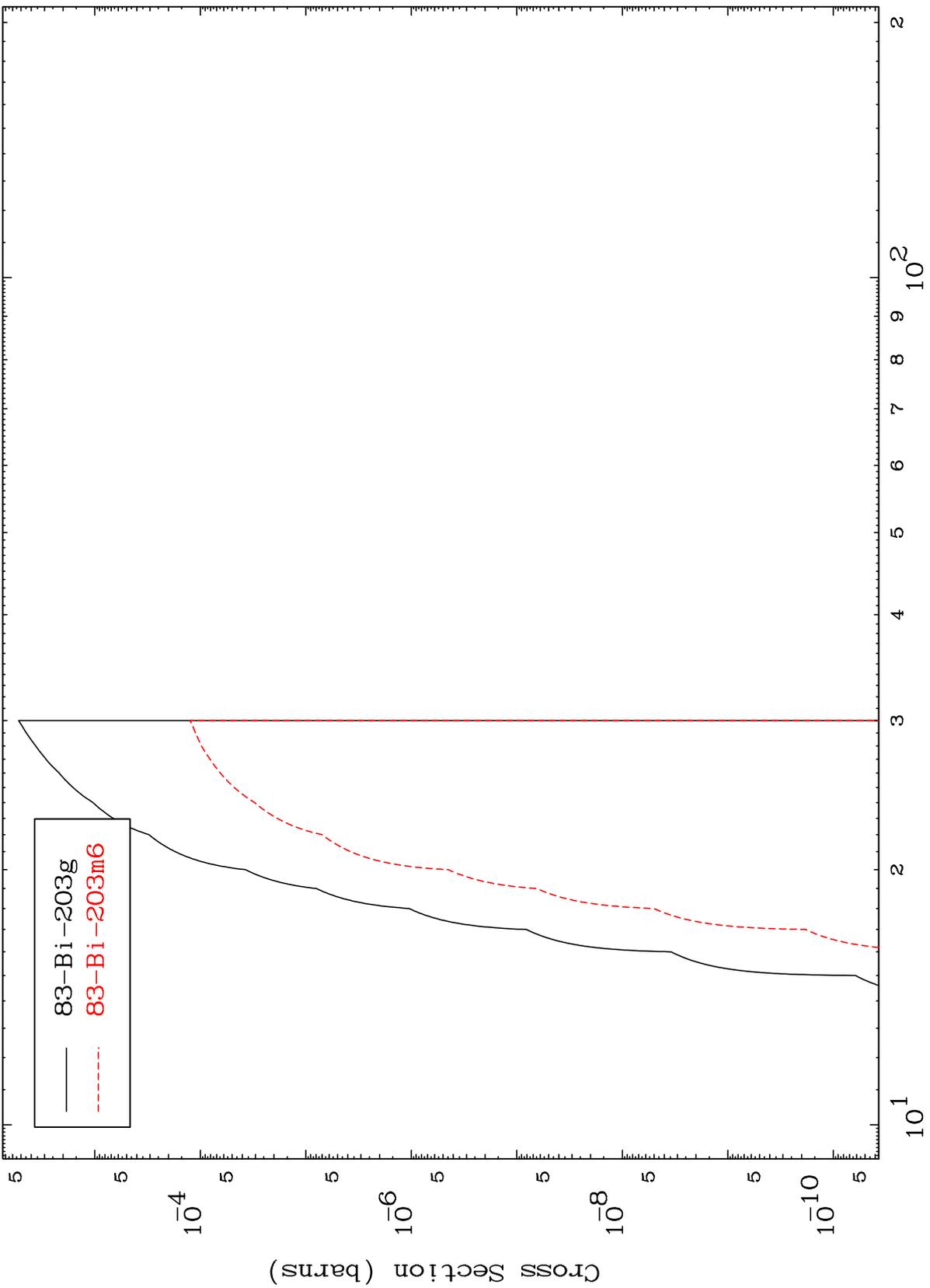


MAT 8313

(d,n') t

83-Bi-205

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

16

Incident Energy (MeV)

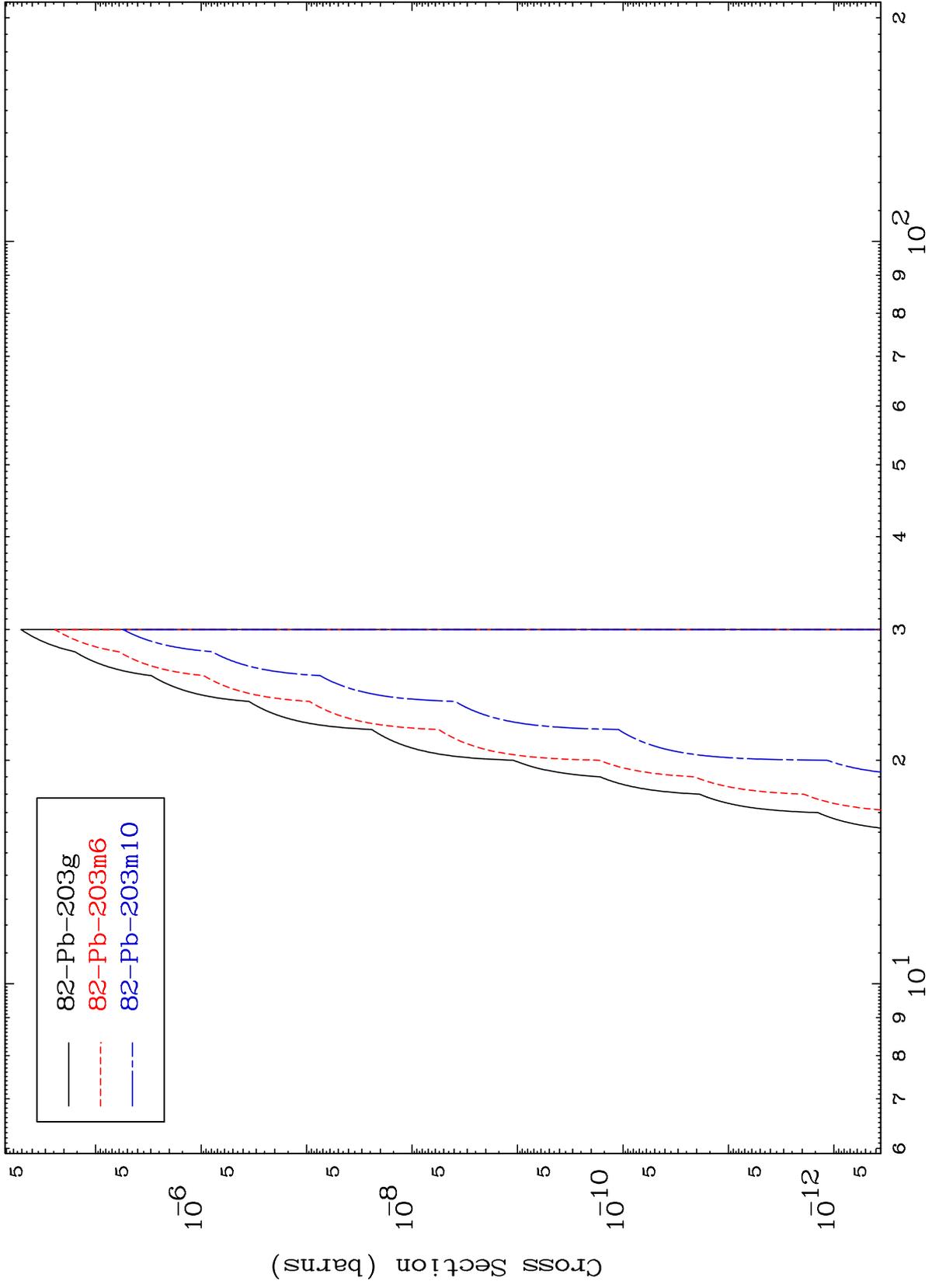
83-Bi-205

MAT 8313

(d,n') He-3

83-Bi-205

Radionuclide Production Cross Section



17

Incident Energy (MeV)

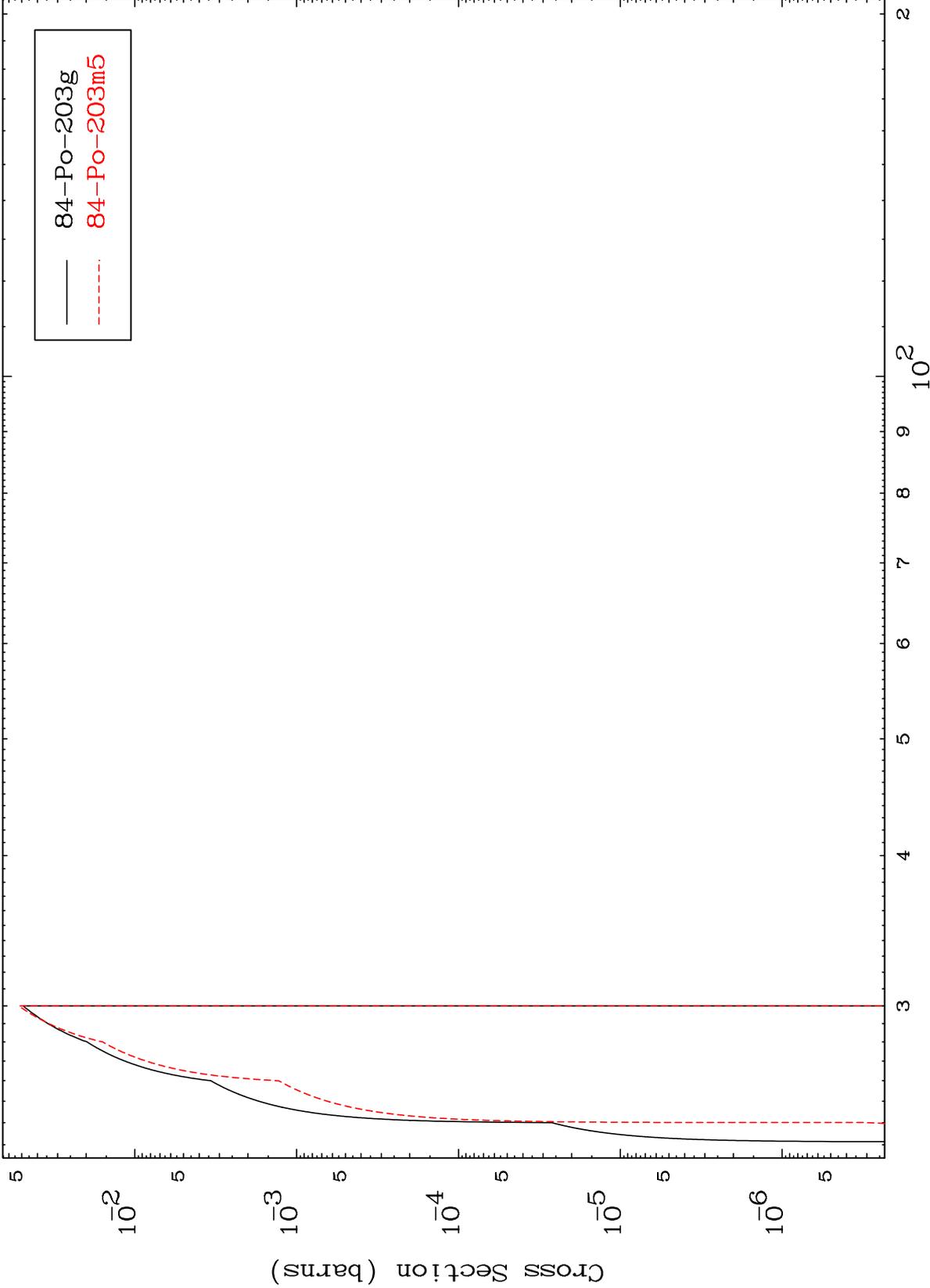
83-Bi-205

MAT 8313

(d,4n)

83-Bi-205

Radionuclide Production Cross Section



18

Incident Energy (MeV)

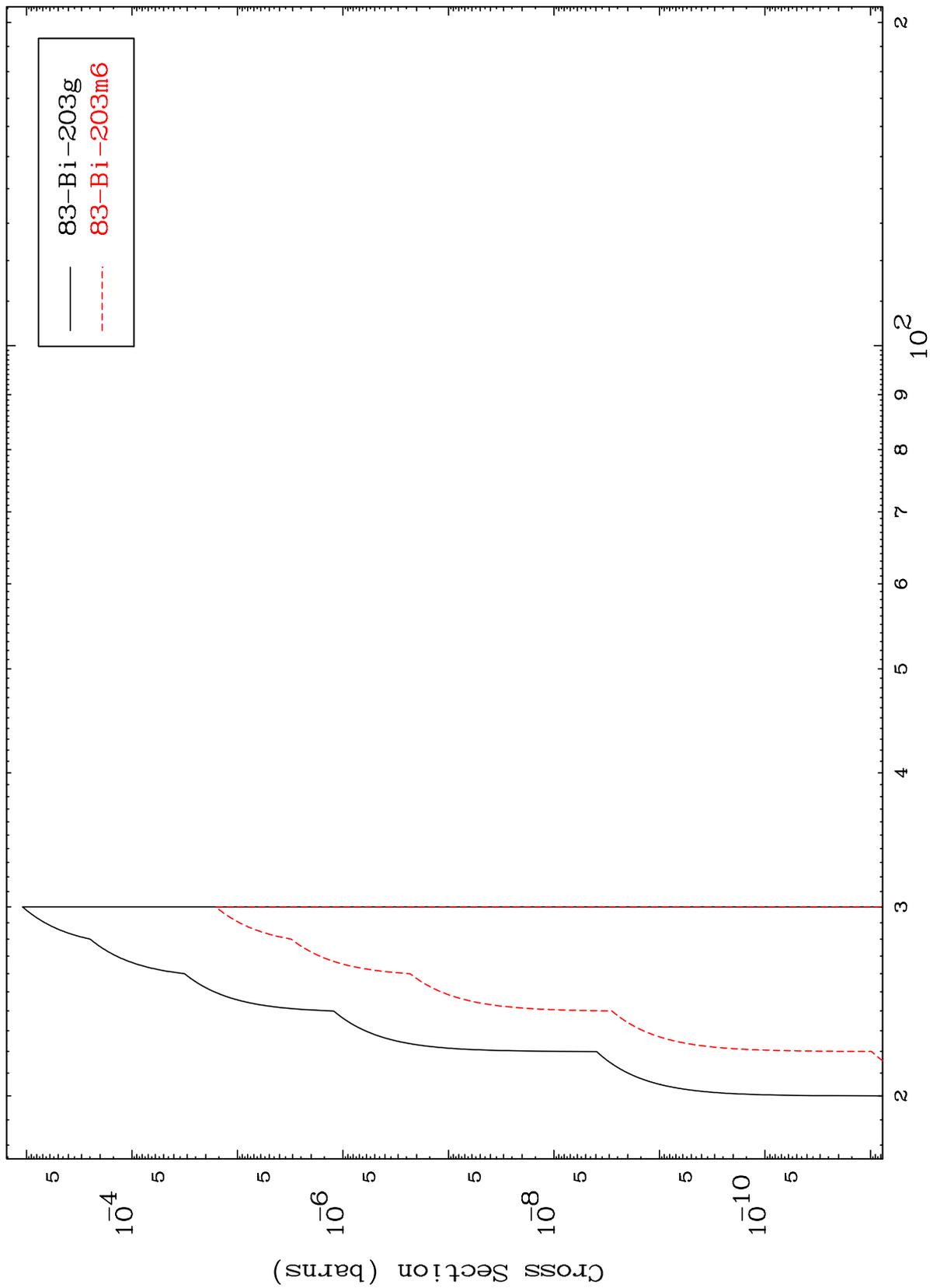
83-Bi-205

MAT 8313

(d,3n) p

83-Bi-205

Radionuclide Production Cross Section



19

Incident Energy (MeV)

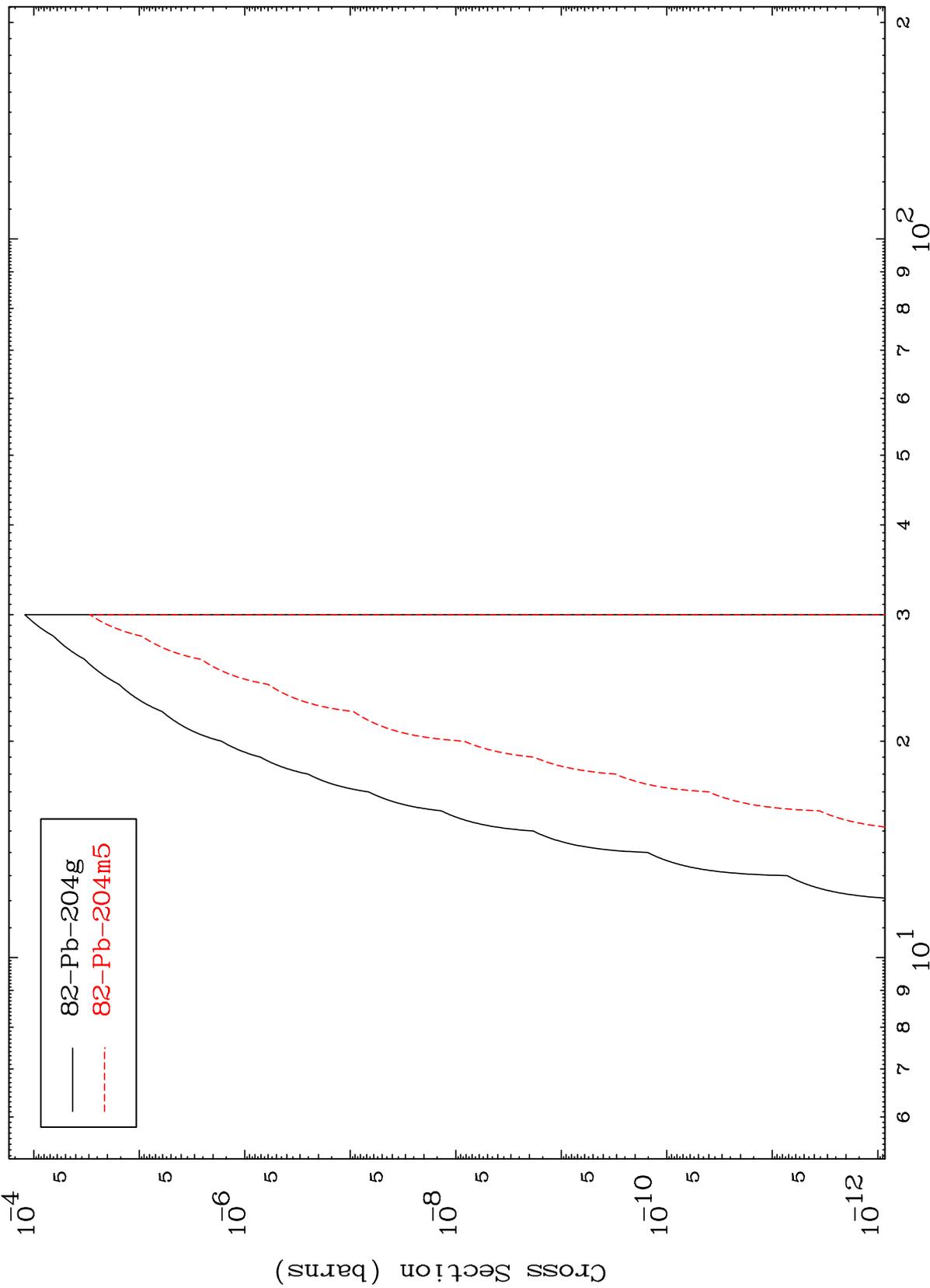
83-Bi-205

MAT 8313

(d,2n) p

83-Bi-205

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m5

20

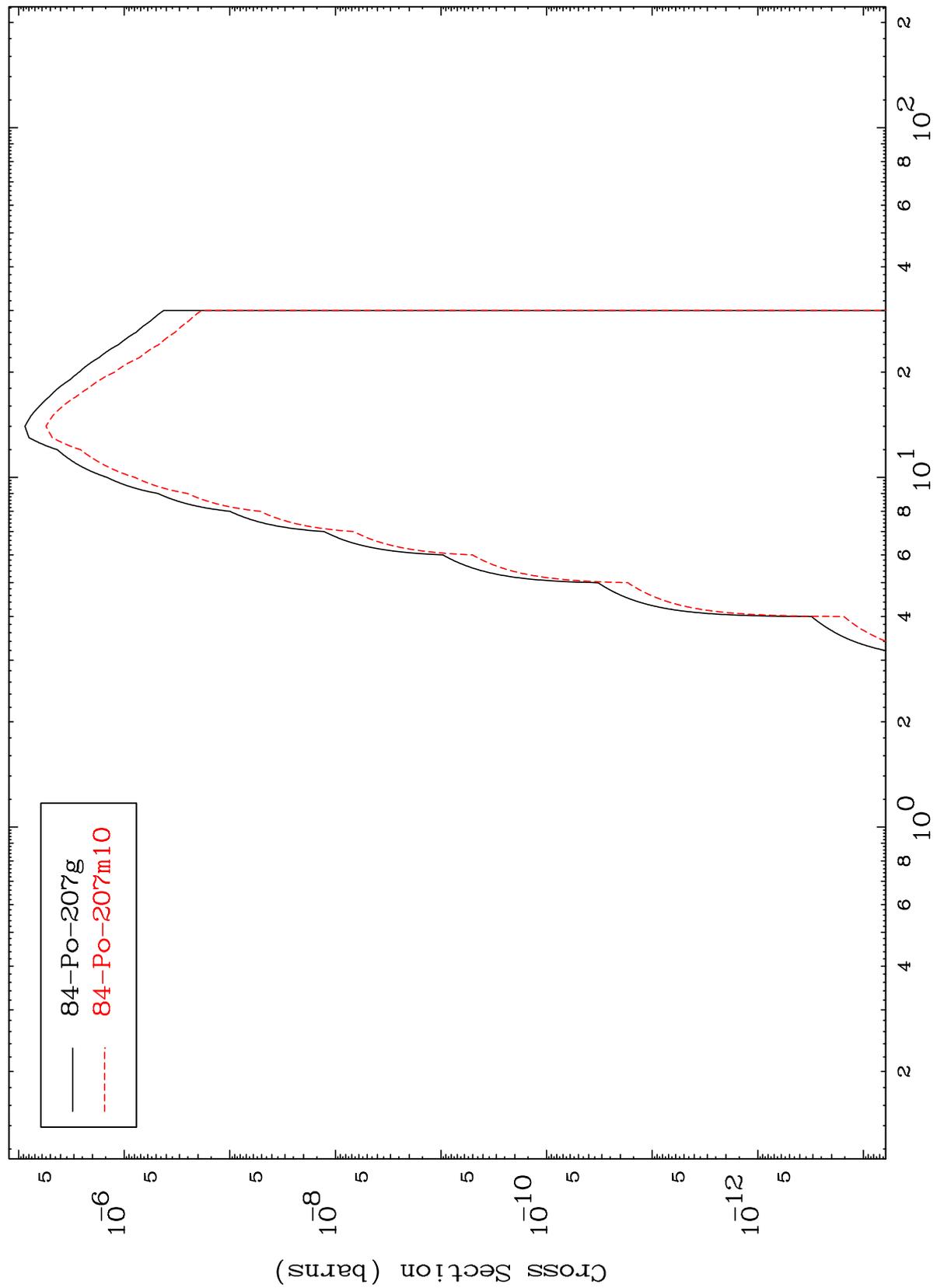
Incident Energy (MeV)

83-Bi-205

MAT 8313

83-Bi-205

(d, γ)
Radionuclide Production Cross Section



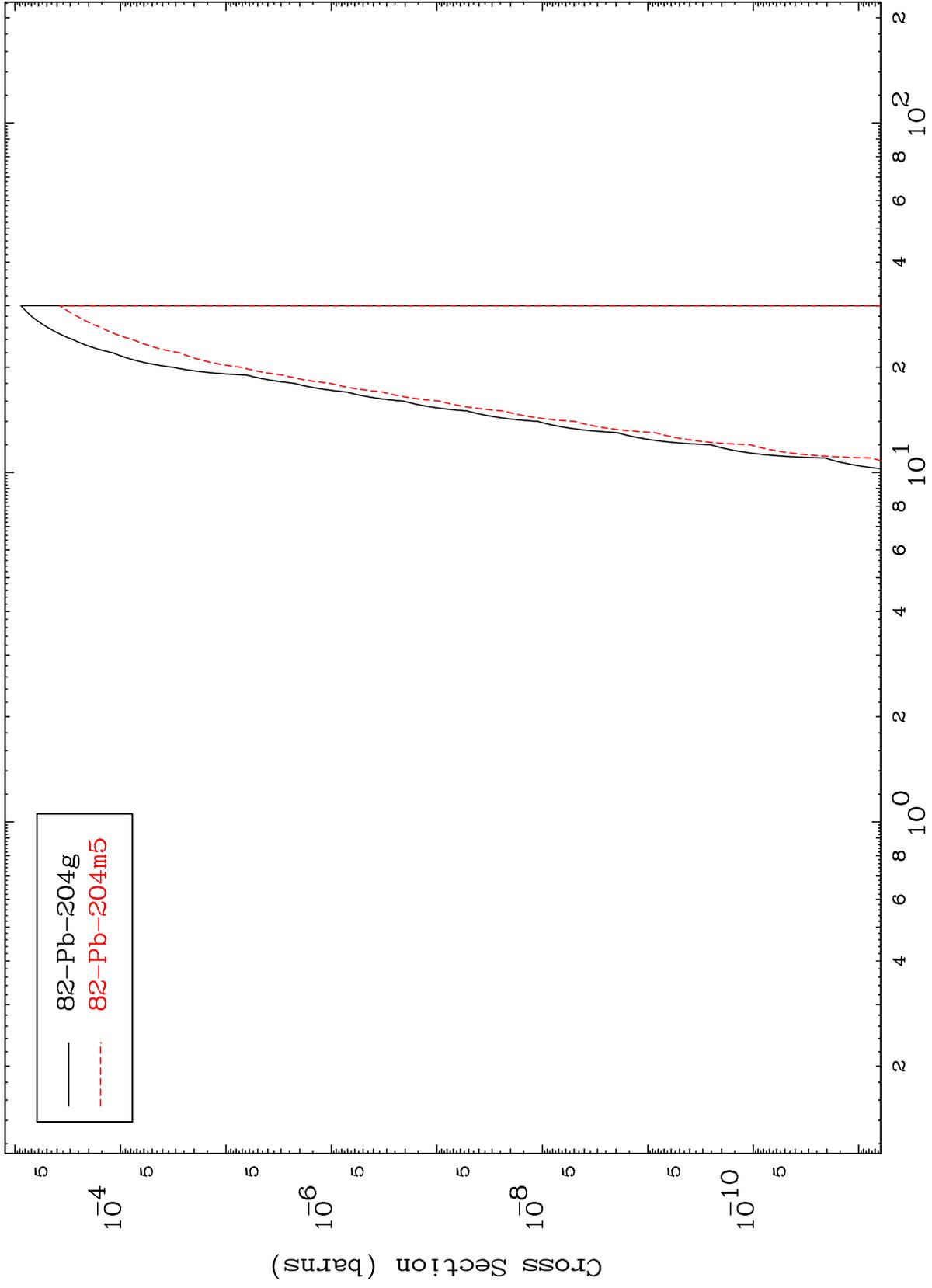
— 84-Po-207g
- - - 84-Po-207m10

MAT 8313

(d,He-3)

83-Bi-205

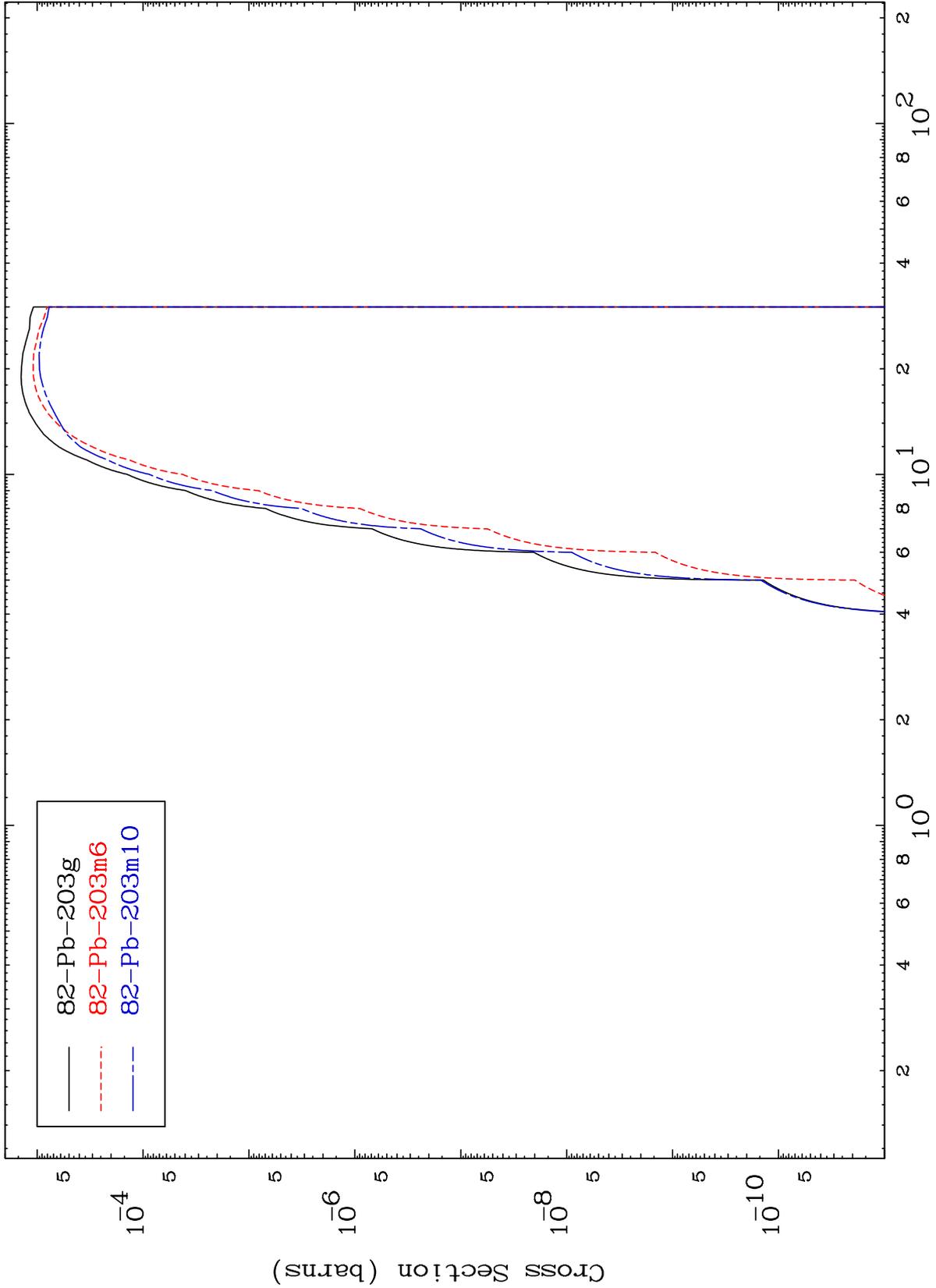
Radionuclide Production Cross Section



MAT 8313

83-Bi-205

Radionuclide Production Cross Section
(d, α)



83-Bi-205

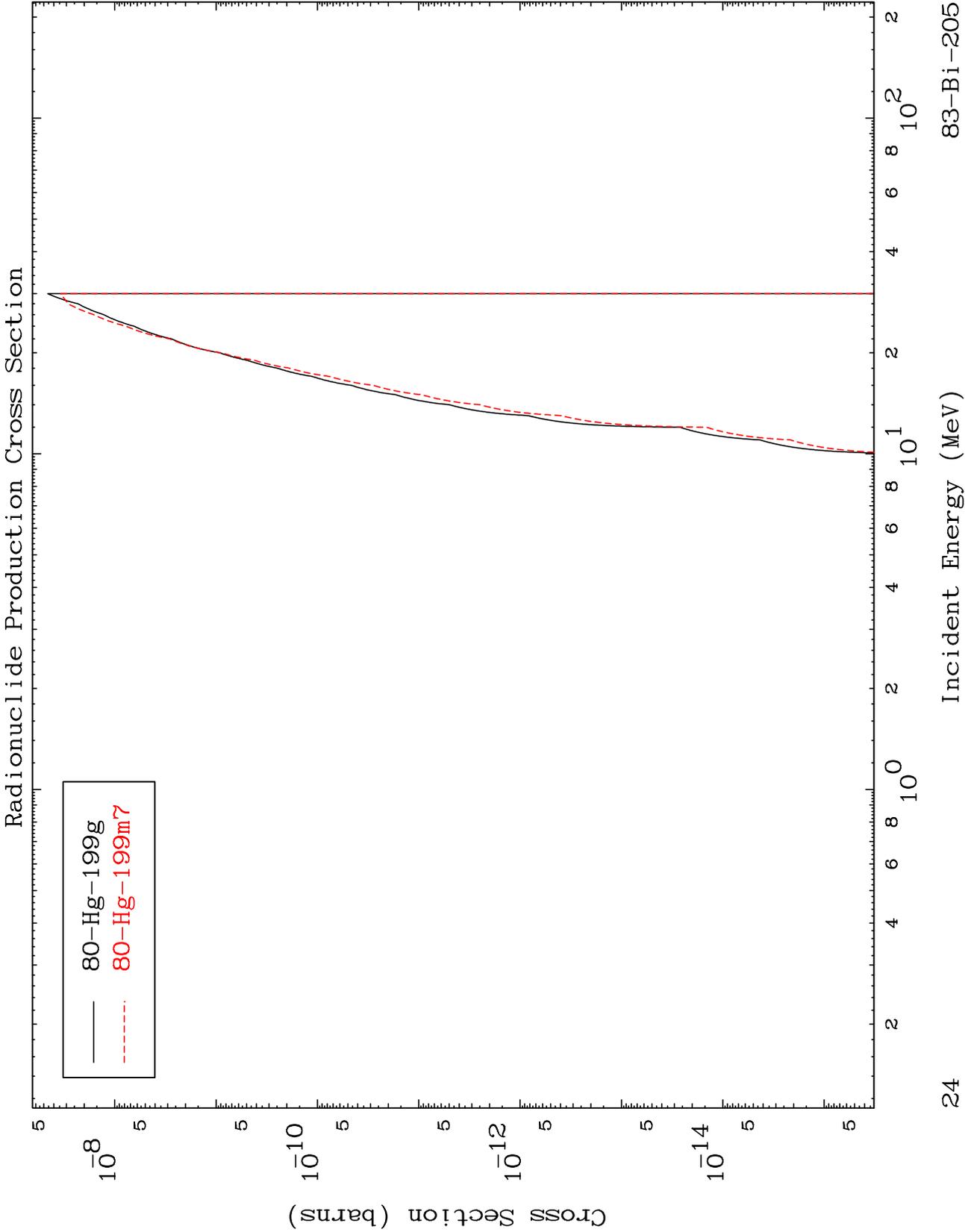
Incident Energy (MeV)

23

MAT 8313

(d,2α)

83-Bi-205

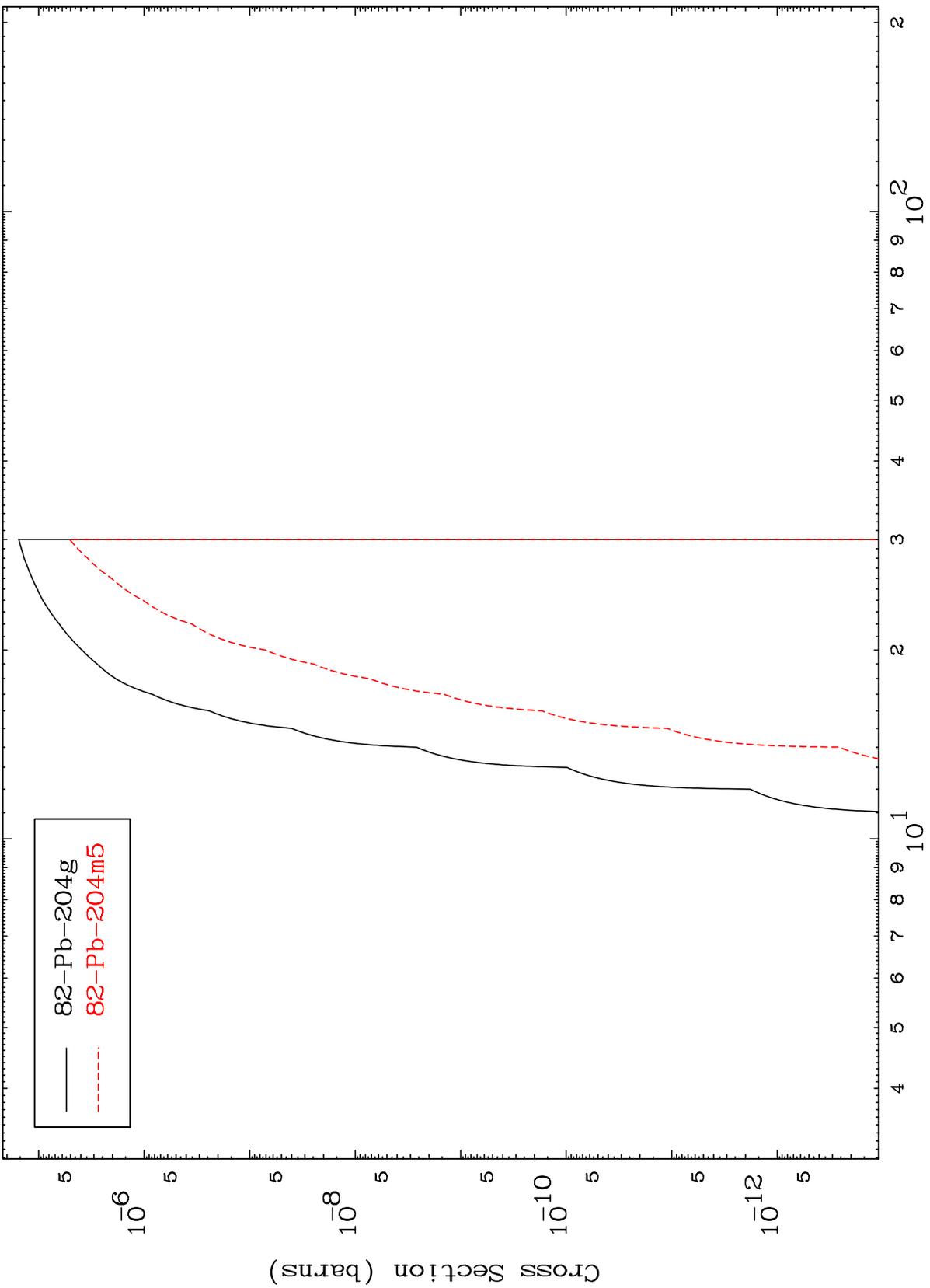


MAT 8313

(d,p) d

83-Bi-205

Radionuclide Production Cross Section



25

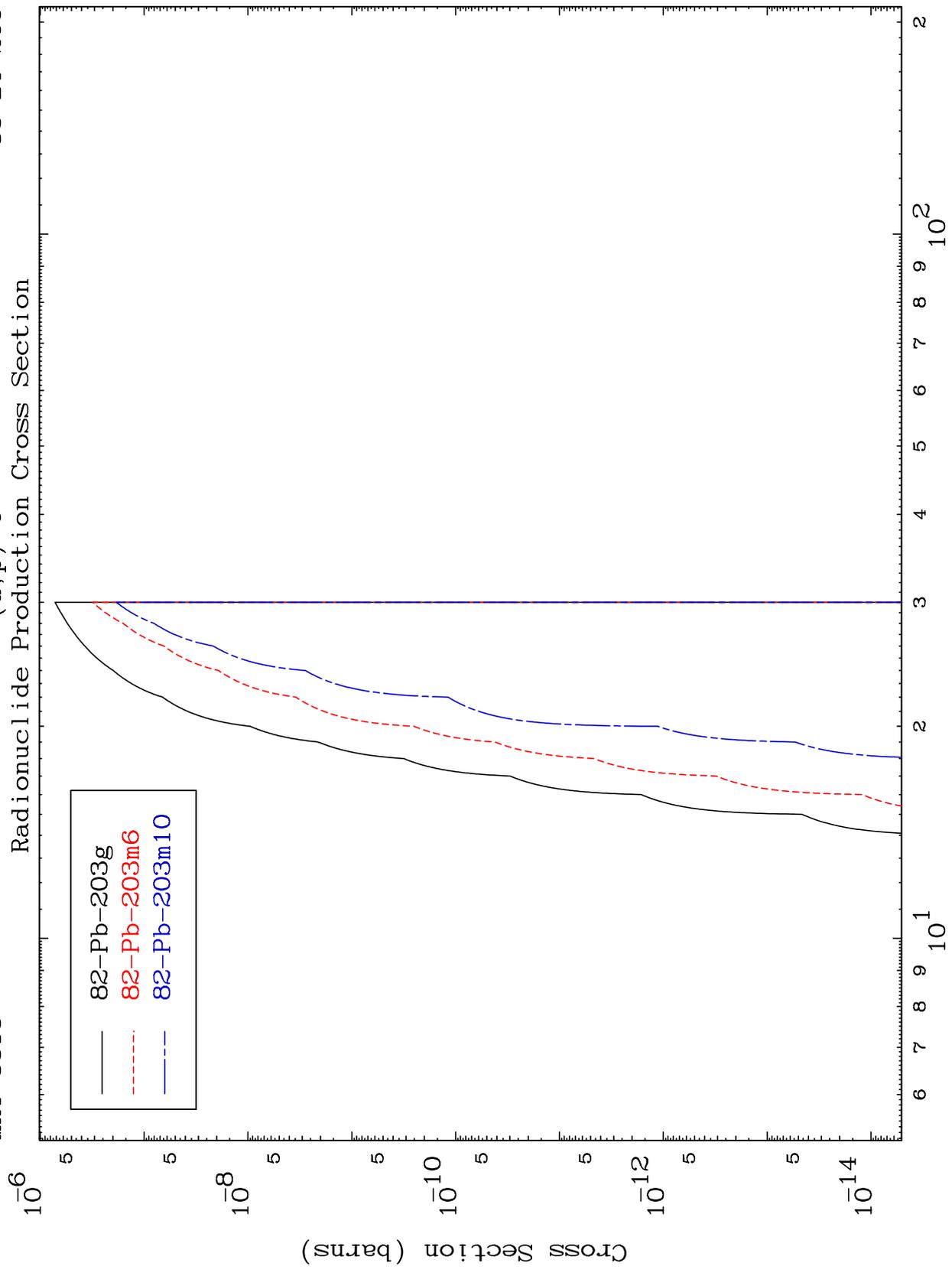
Incident Energy (MeV)

83-Bi-205

MAT 8313

(d,p) t

83-Bi-205



82-Pb-203g
82-Pb-203m6
82-Pb-203m10