

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

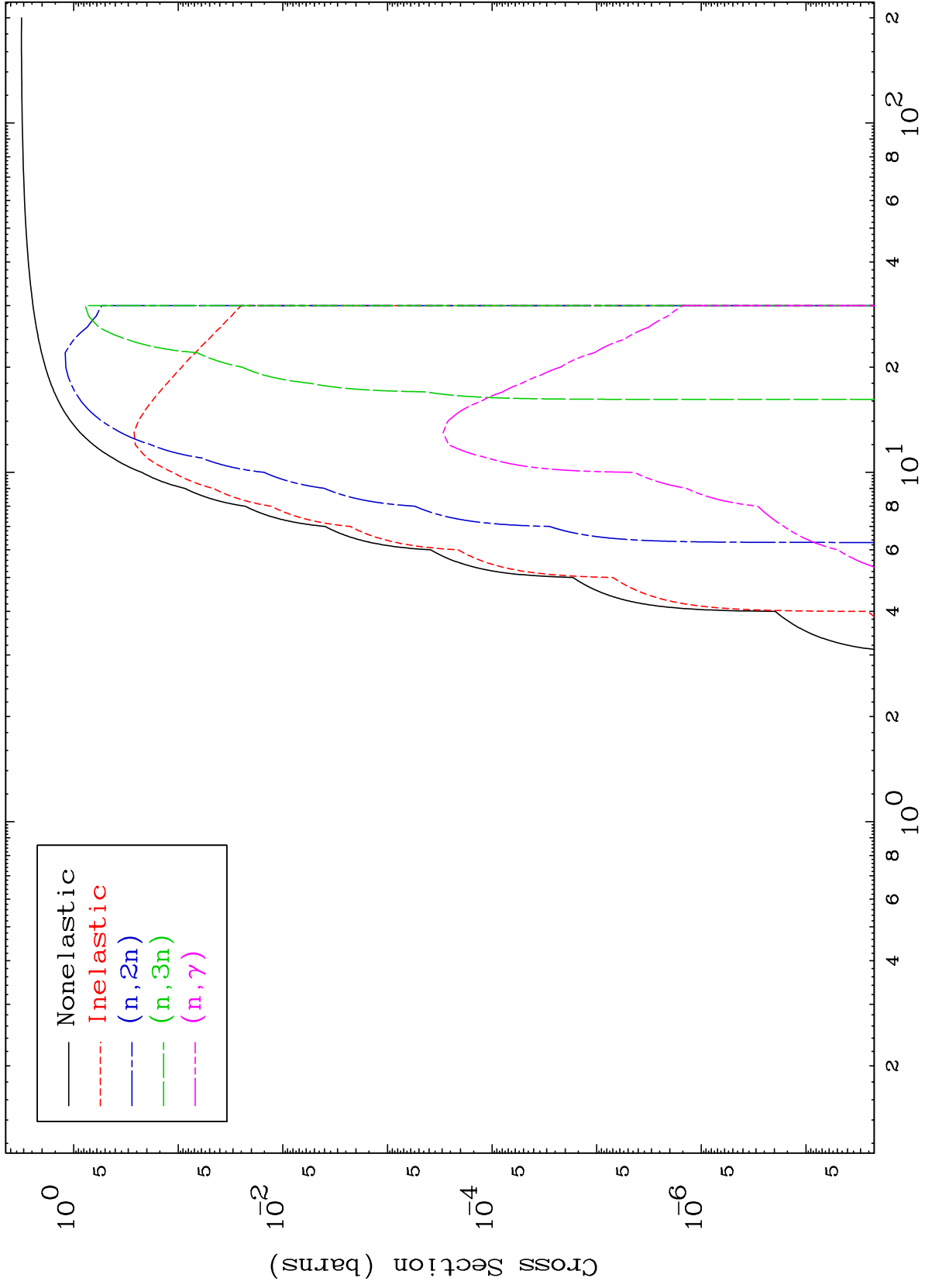
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8299

Deuteron Major
0 Kelvin Cross Sections

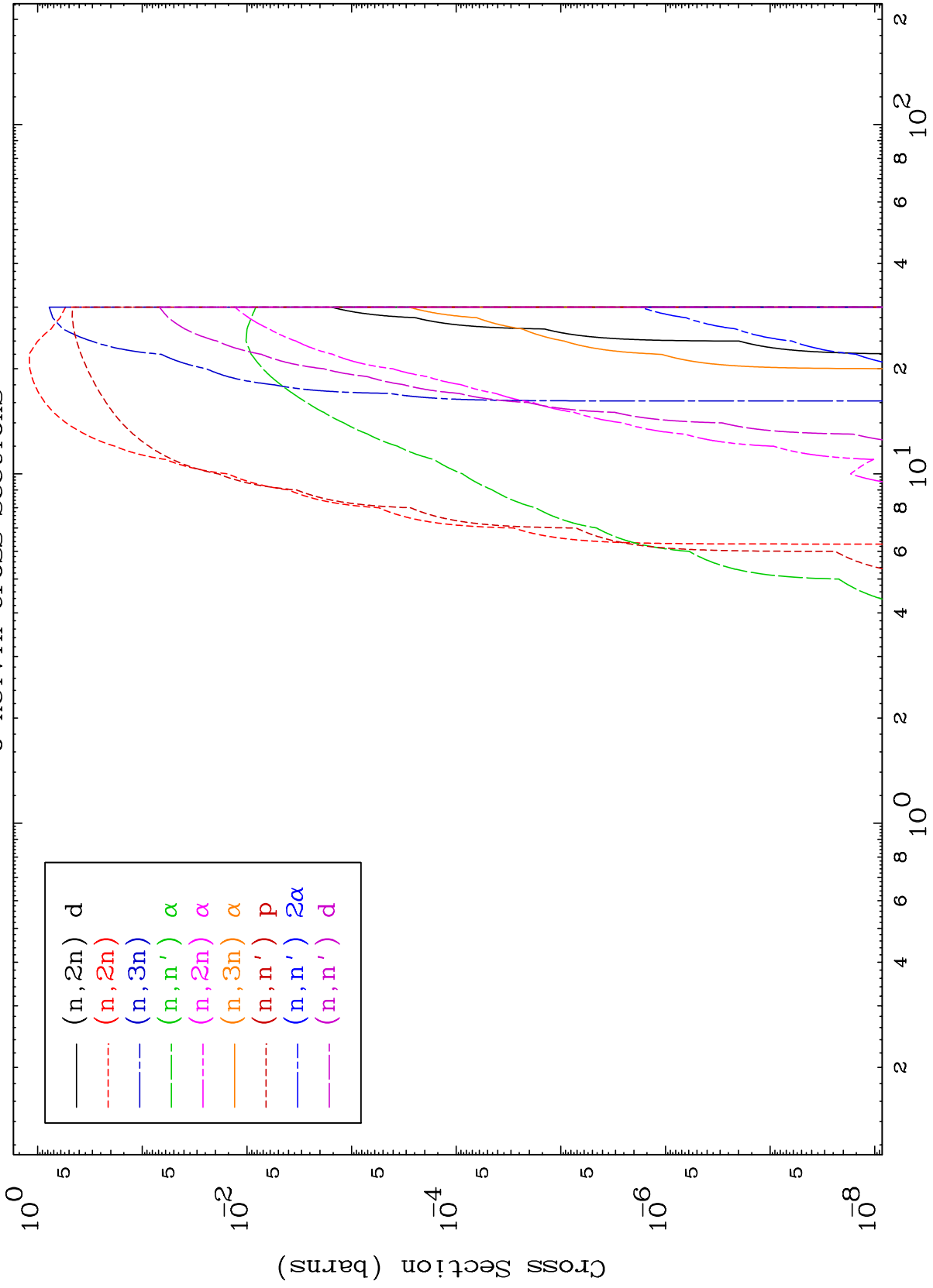
83-Bi-200m



MAT 8299

Deuteron Neutron Absorption
0 Kelvin Cross Sections

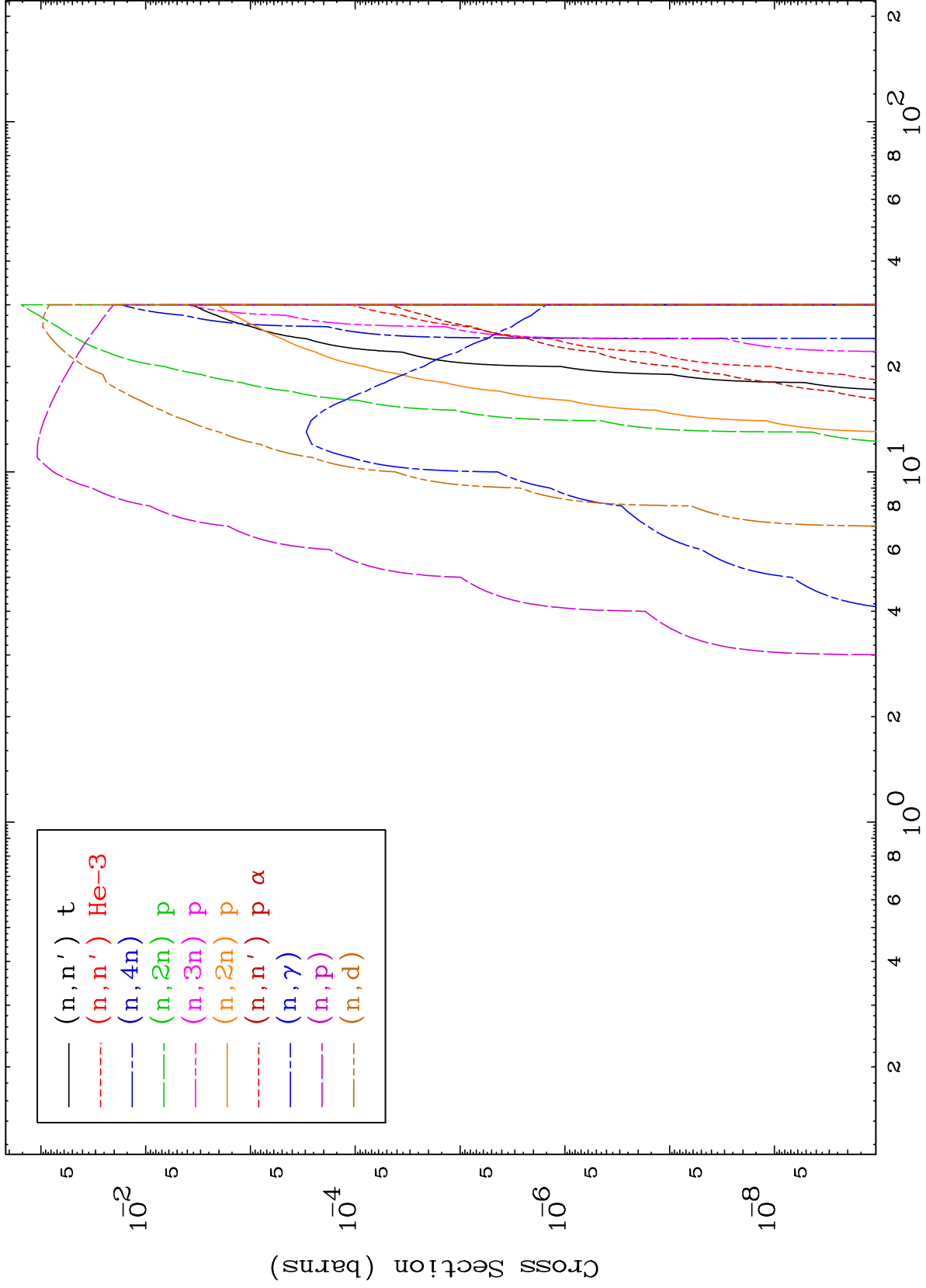
83-Bi-200m



MAT 8299

Deuteron Neutron Absorption
0 Kelvin Cross Sections

83-Bi-200m



3

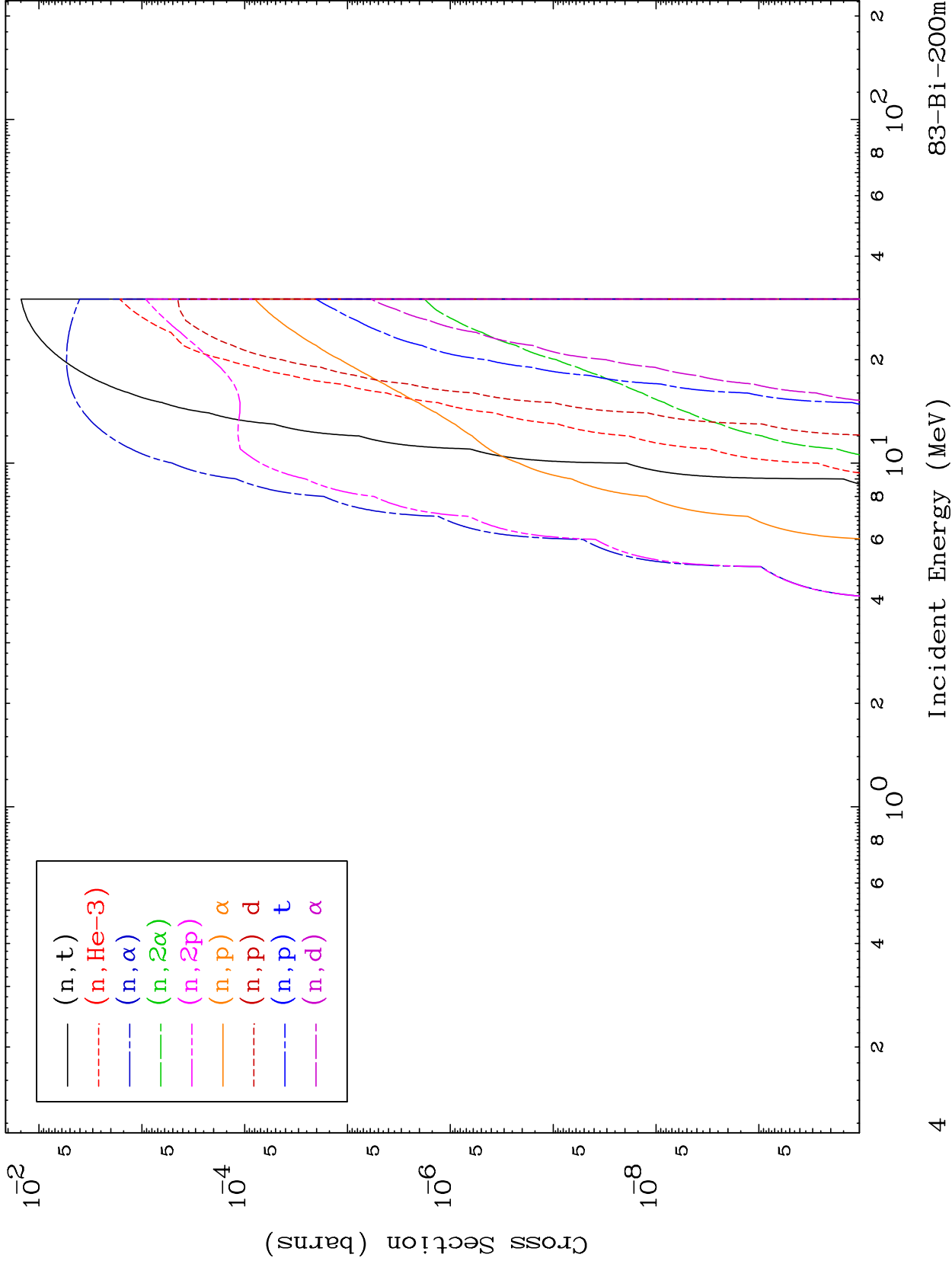
Incident Energy (MeV)

83-Bi-200m

MAT 8299

Deuteron Neutron Absorption
0 Kelvin Cross Sections

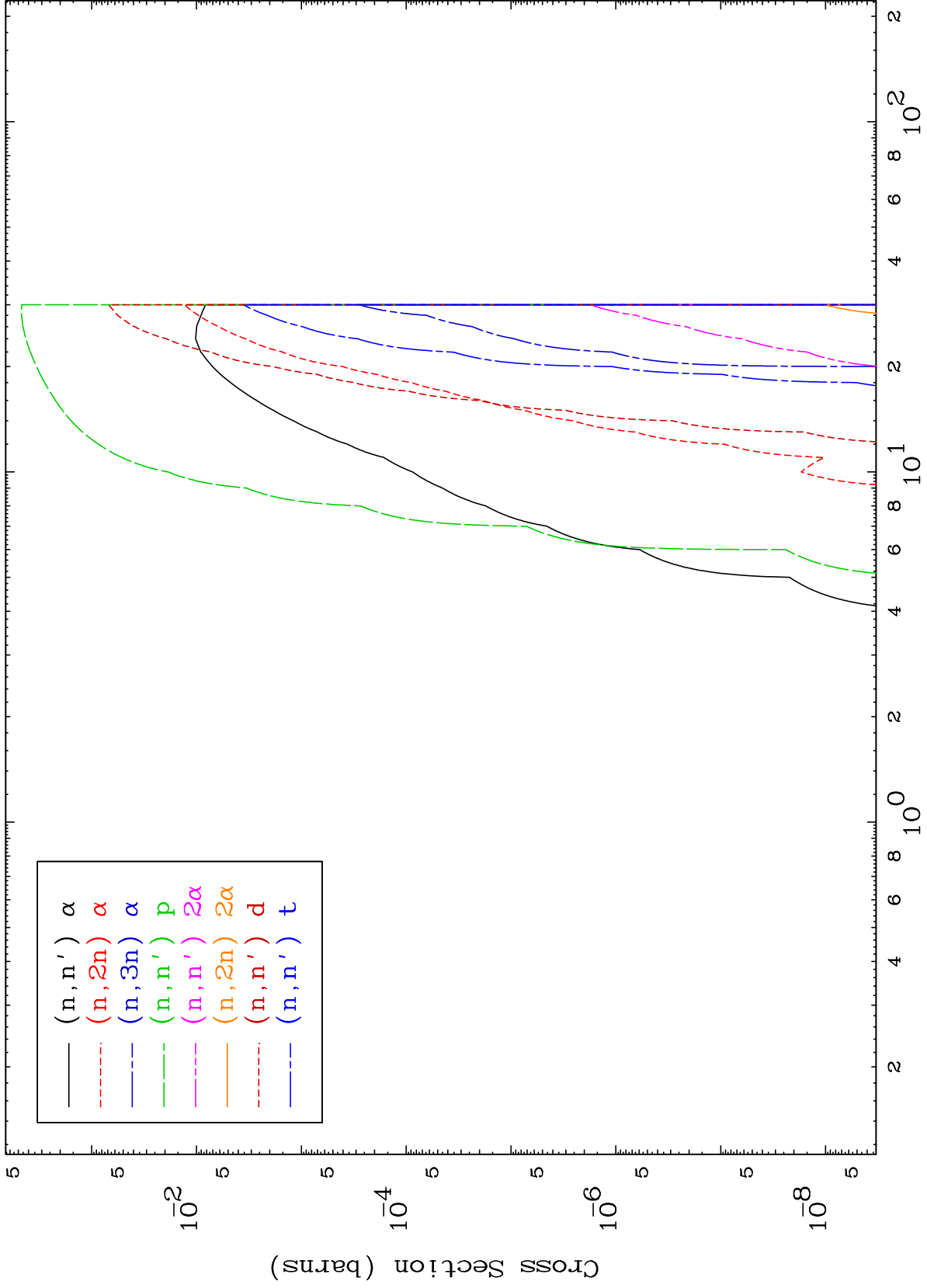
83-Bi-200m



MAT 8299

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-200m



5

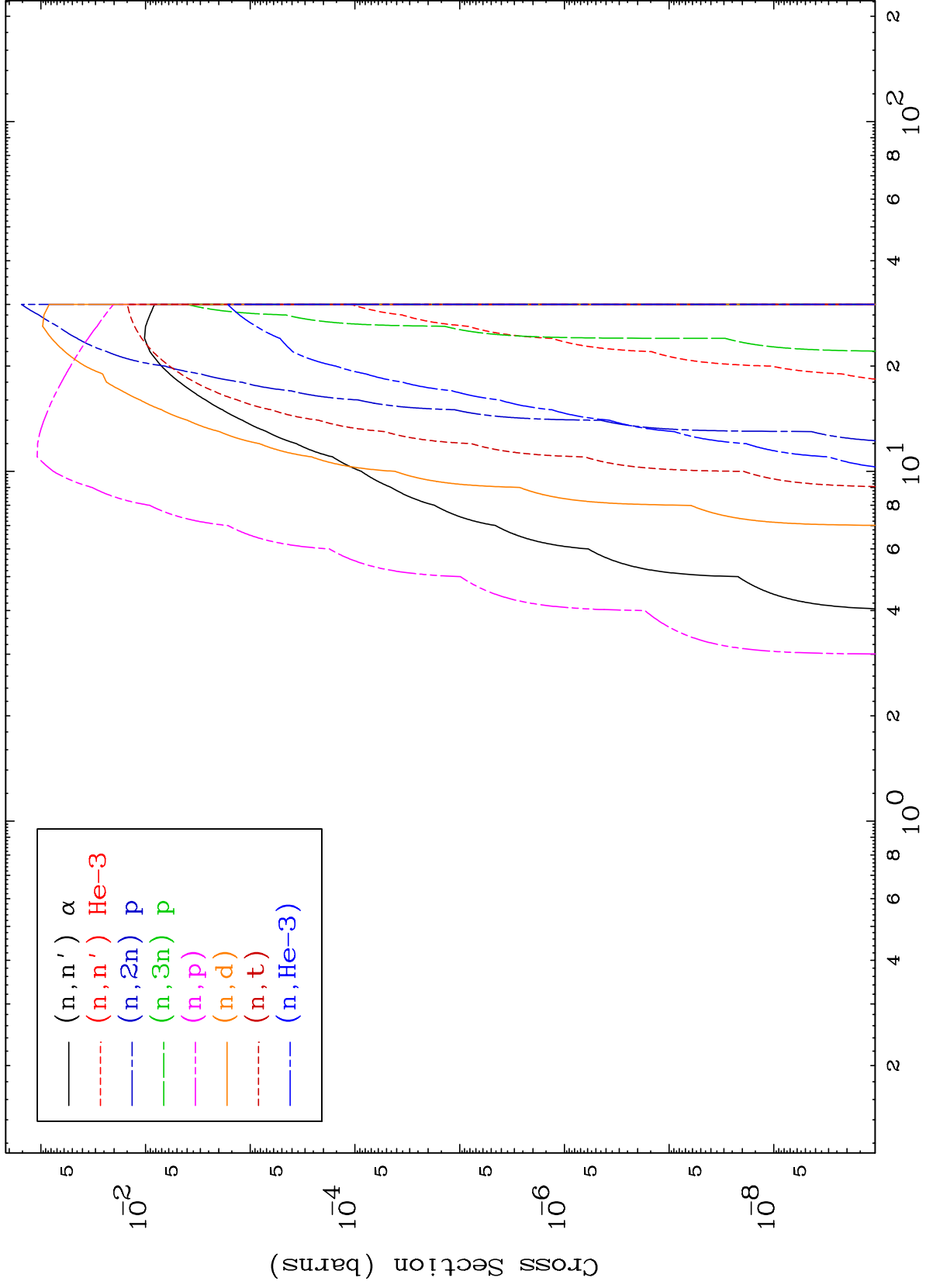
Incident Energy (MeV)

83-Bi-200m

MAT 8299

Deuteron Charged Particle
0 Kelvin Cross Sections

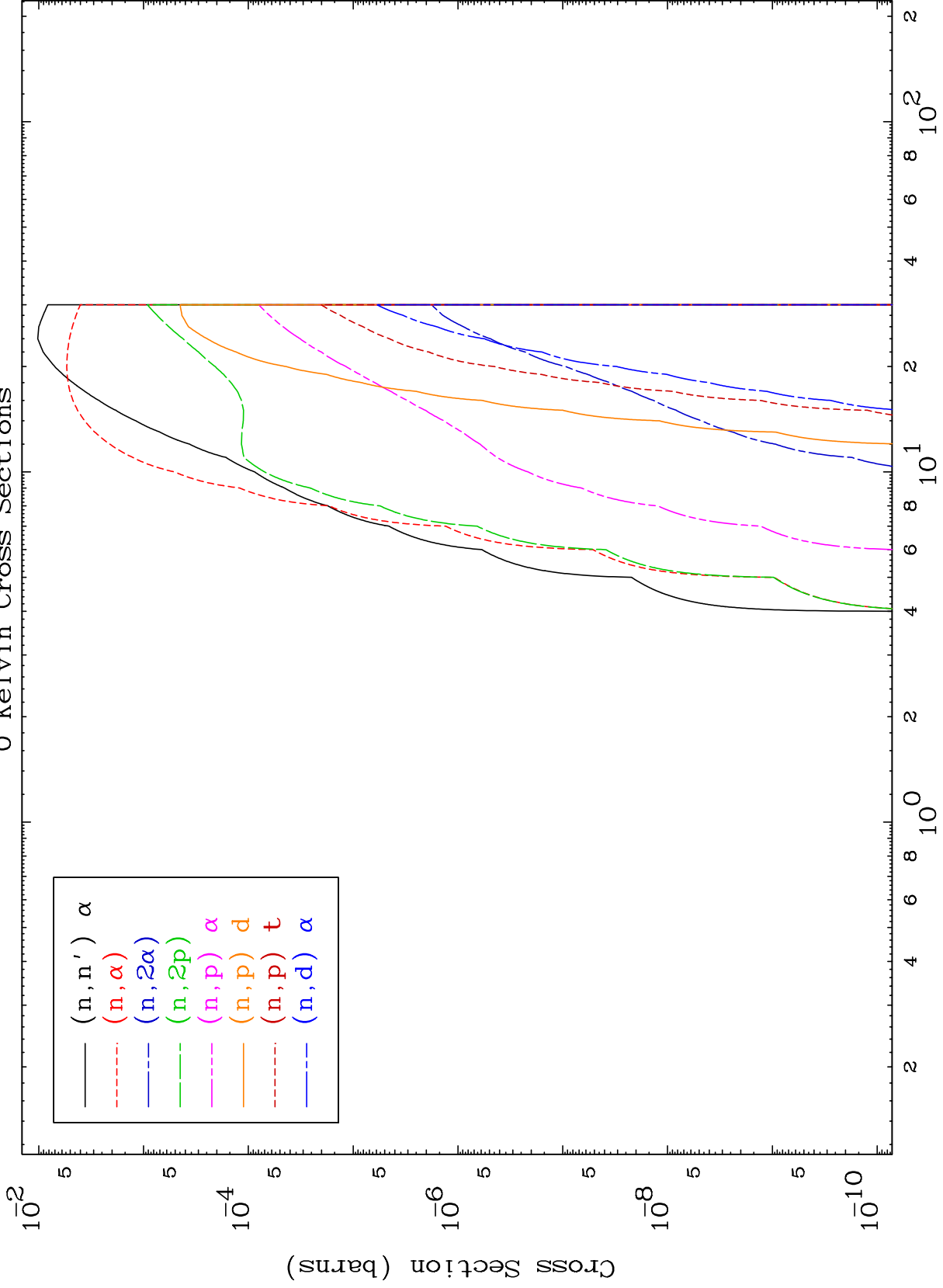
83-Bi-200m



MAT 8299

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-200m

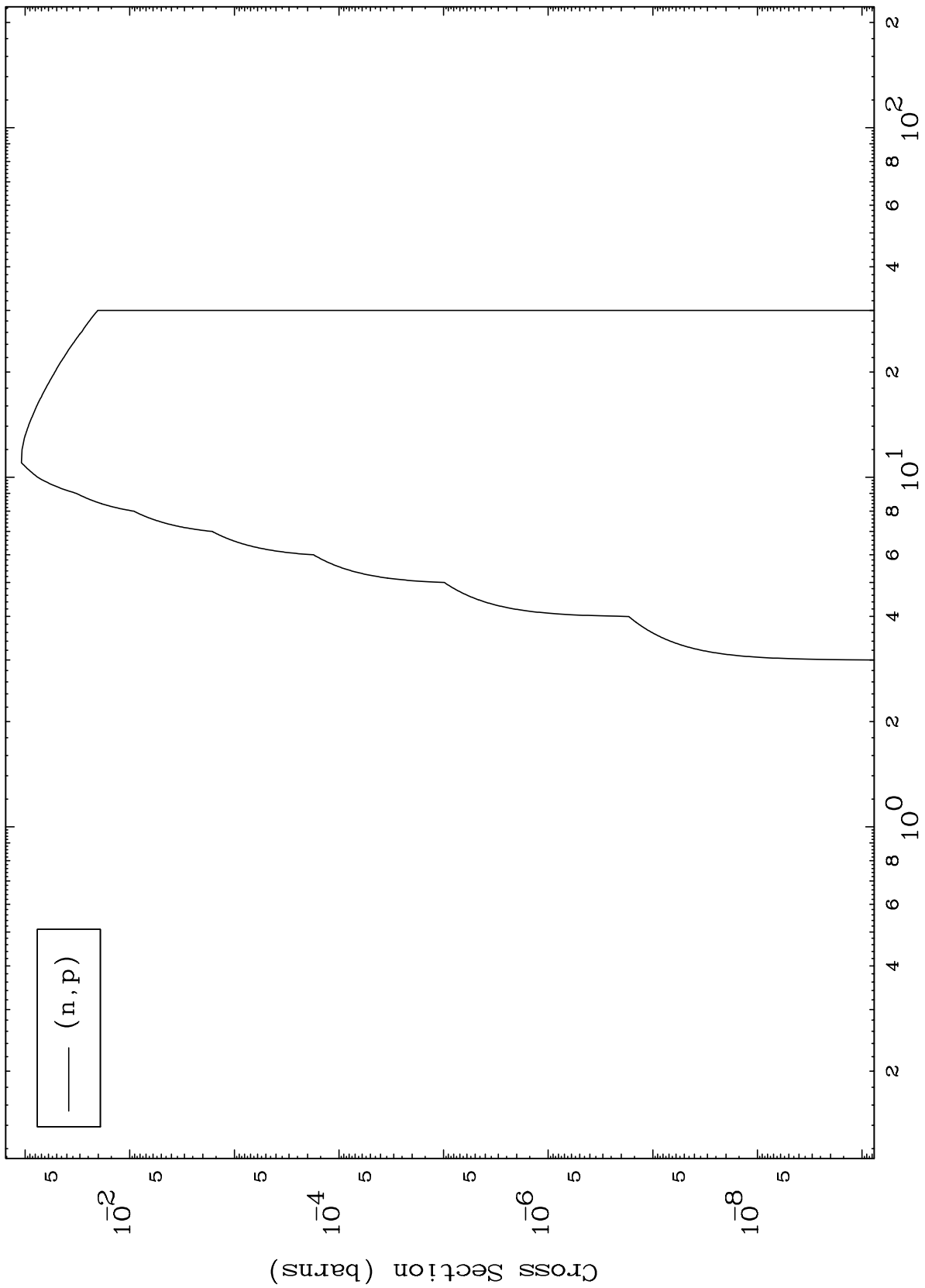


MAT 8299

(d,p) Levels

83-Bi-200m

0 Kelvin Cross Sections

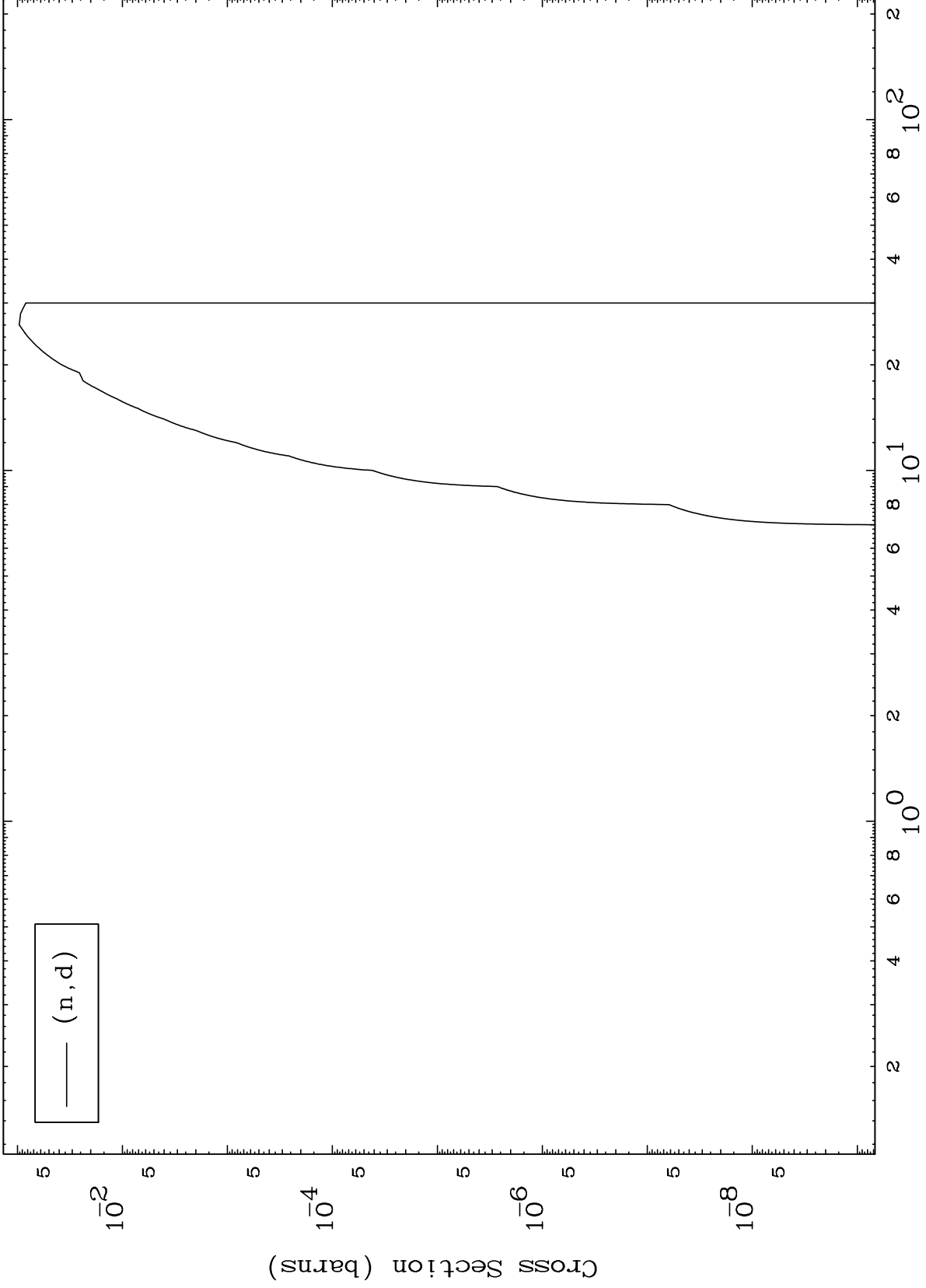


MAT 8299

(d,d) Levels

⁸³Bi-200m

0 Kelvin Cross Sections

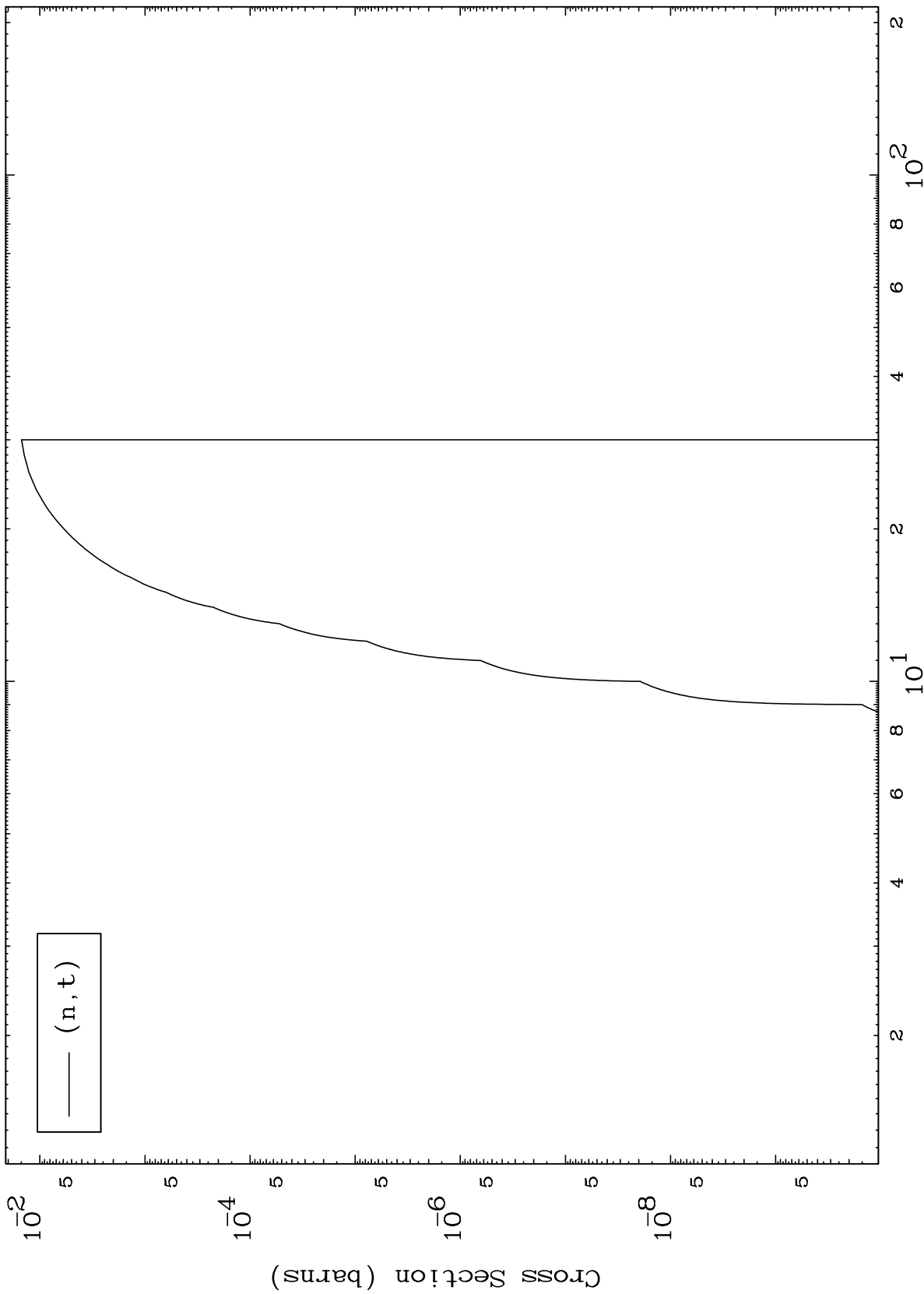


MAT 8299

(d,t) Levels

83-Bi-200m

0 Kelvin Cross Sections



(n,t)

10

Incident Energy (MeV)

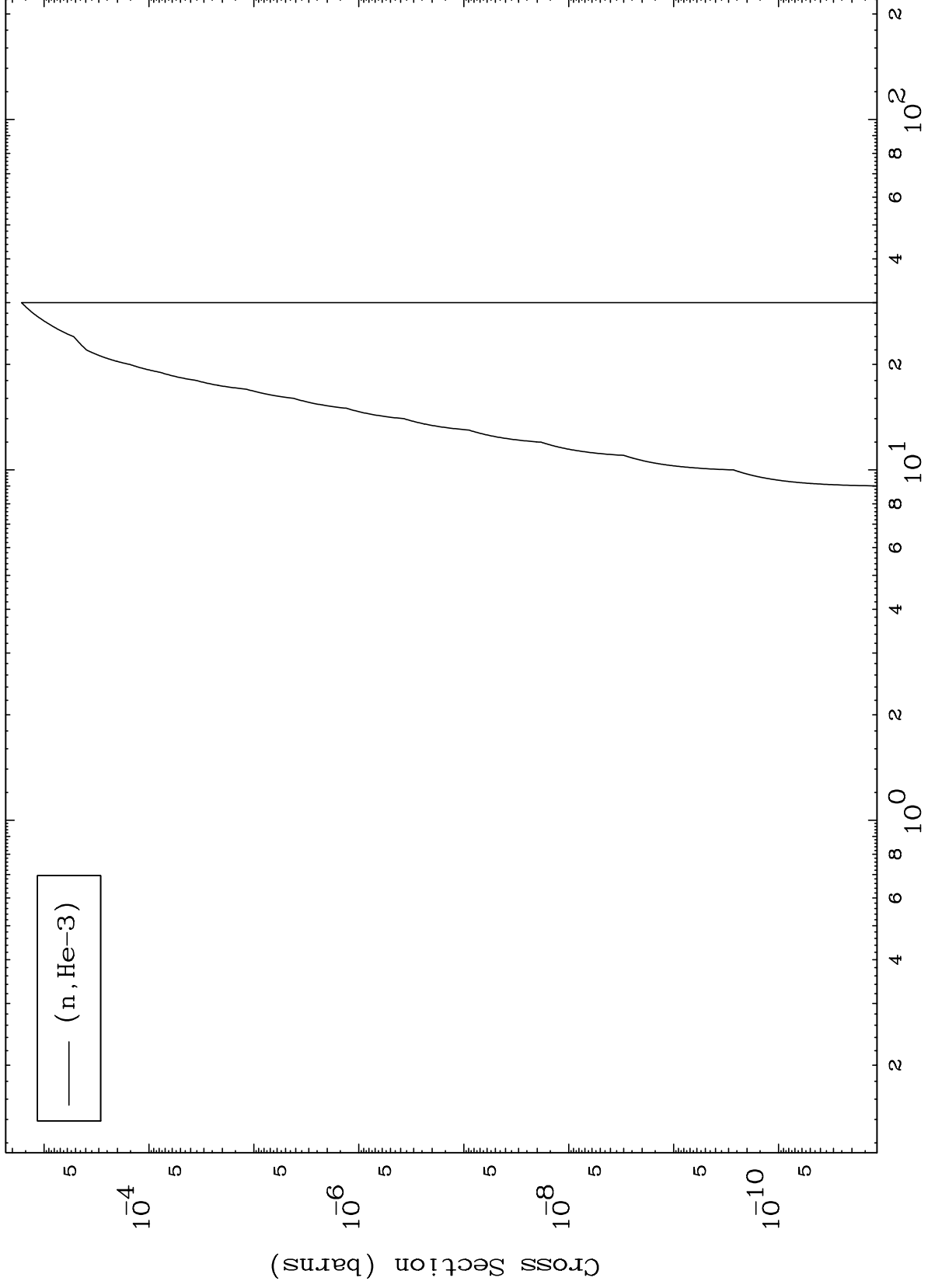
83-Bi-200m

MAT 8299

(d,He3) Levels

83-Bi-200m

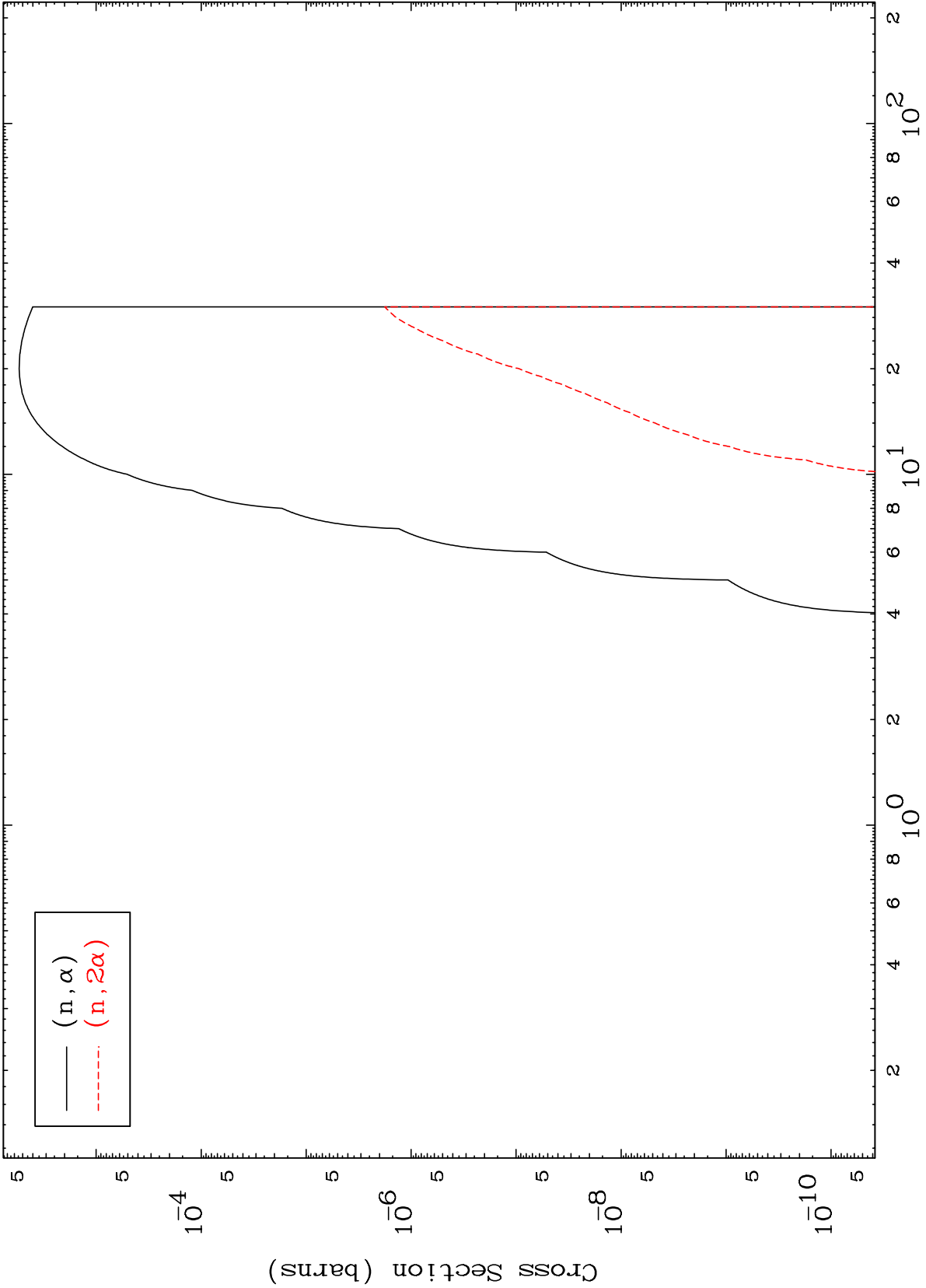
0 Kelvin Cross Sections



MAT 8299

(d, α) Levels
0 Kelvin Cross Sections

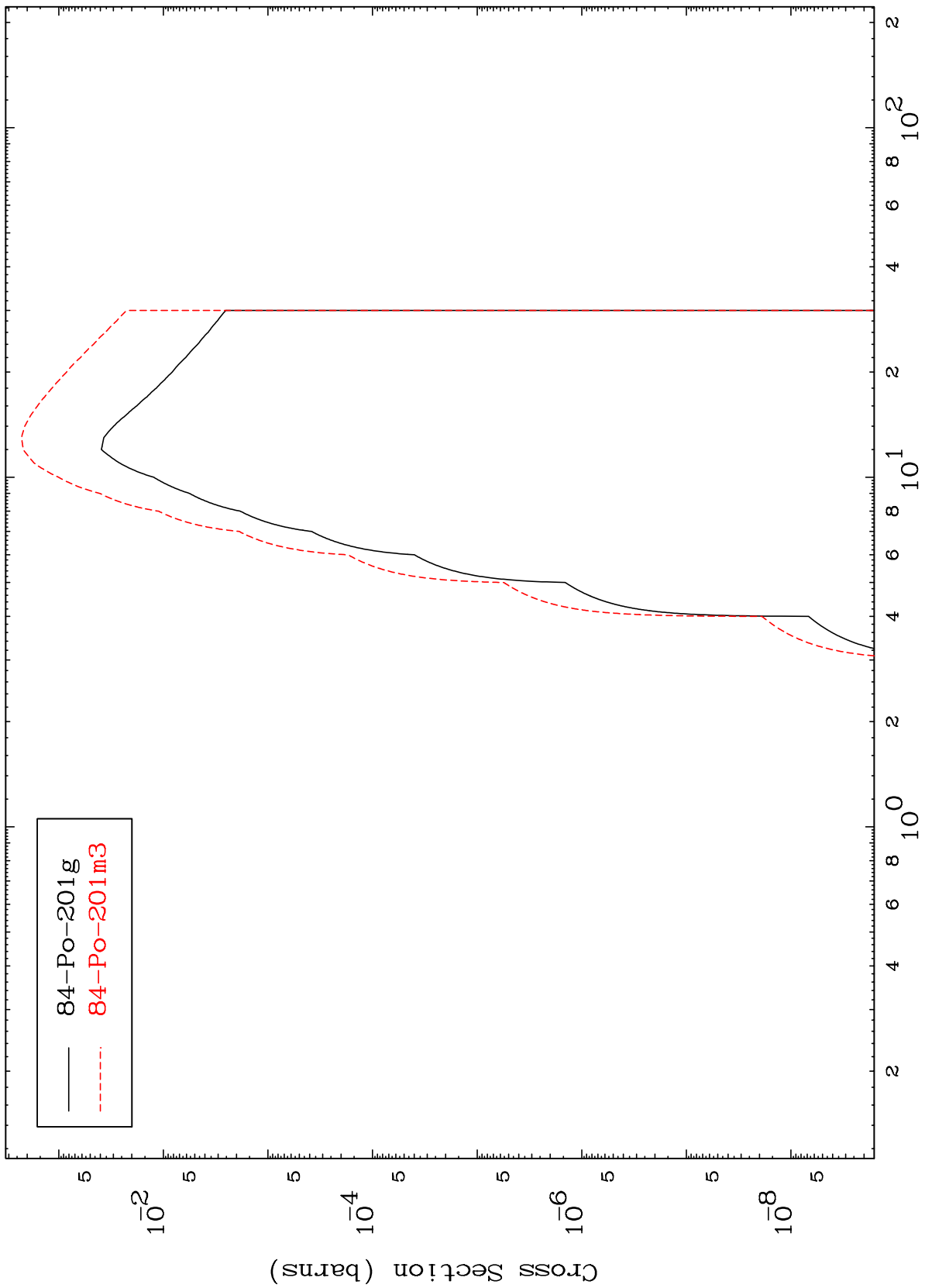
^{83}Bi -200m



MAT 8299

83-Bi-200m

Inelastic
Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

83-Bi-200m

Incident Energy (MeV)

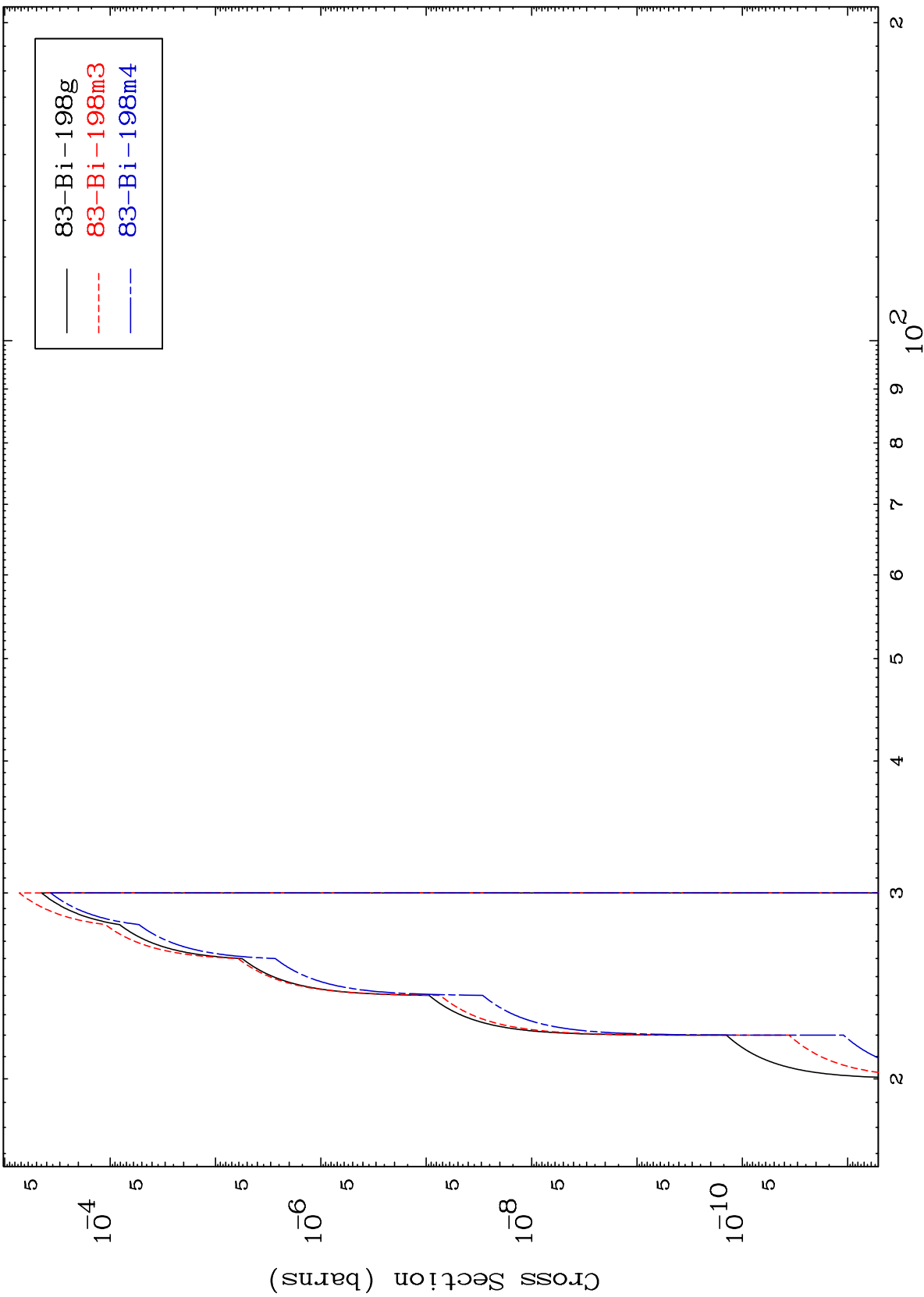
13

MAT 8299

(n,2n) d

⁸³Bi-200m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

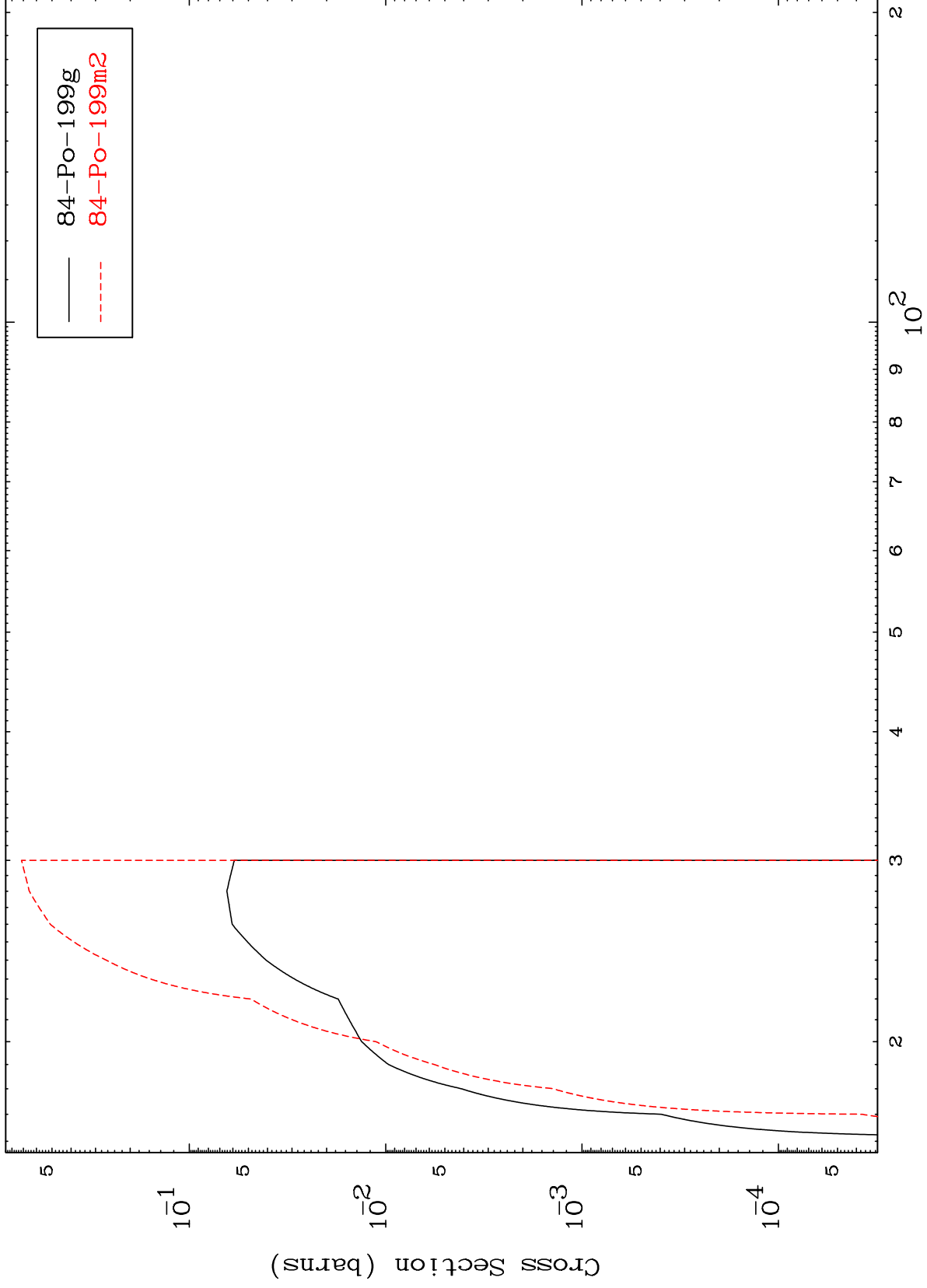
⁸³Bi-200m

MAT 8299

(n,3n)

83-Bi-200m

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

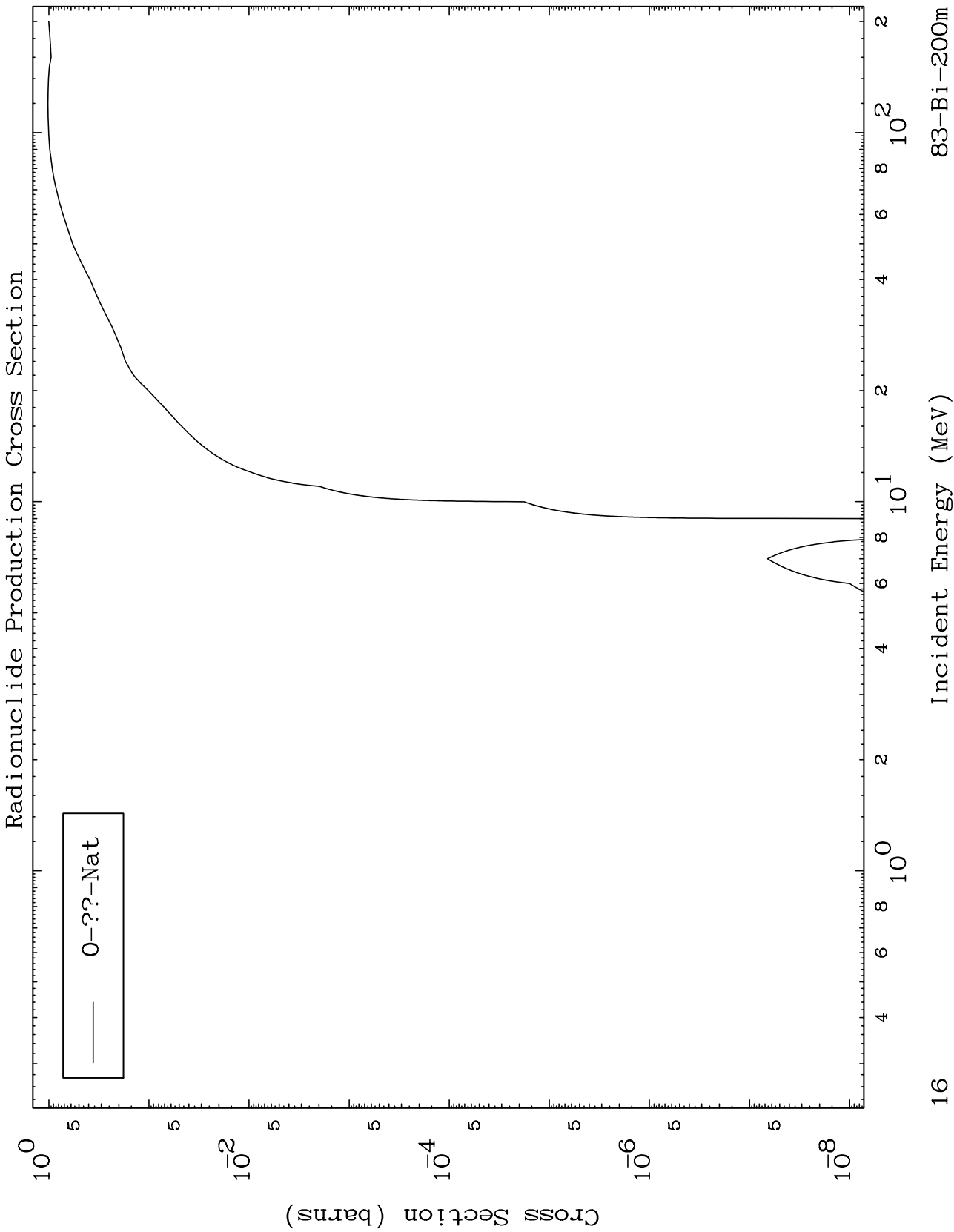
15

Incident Energy (MeV)

83-Bi-200m

MAT 8299

⁸³Bi-200m

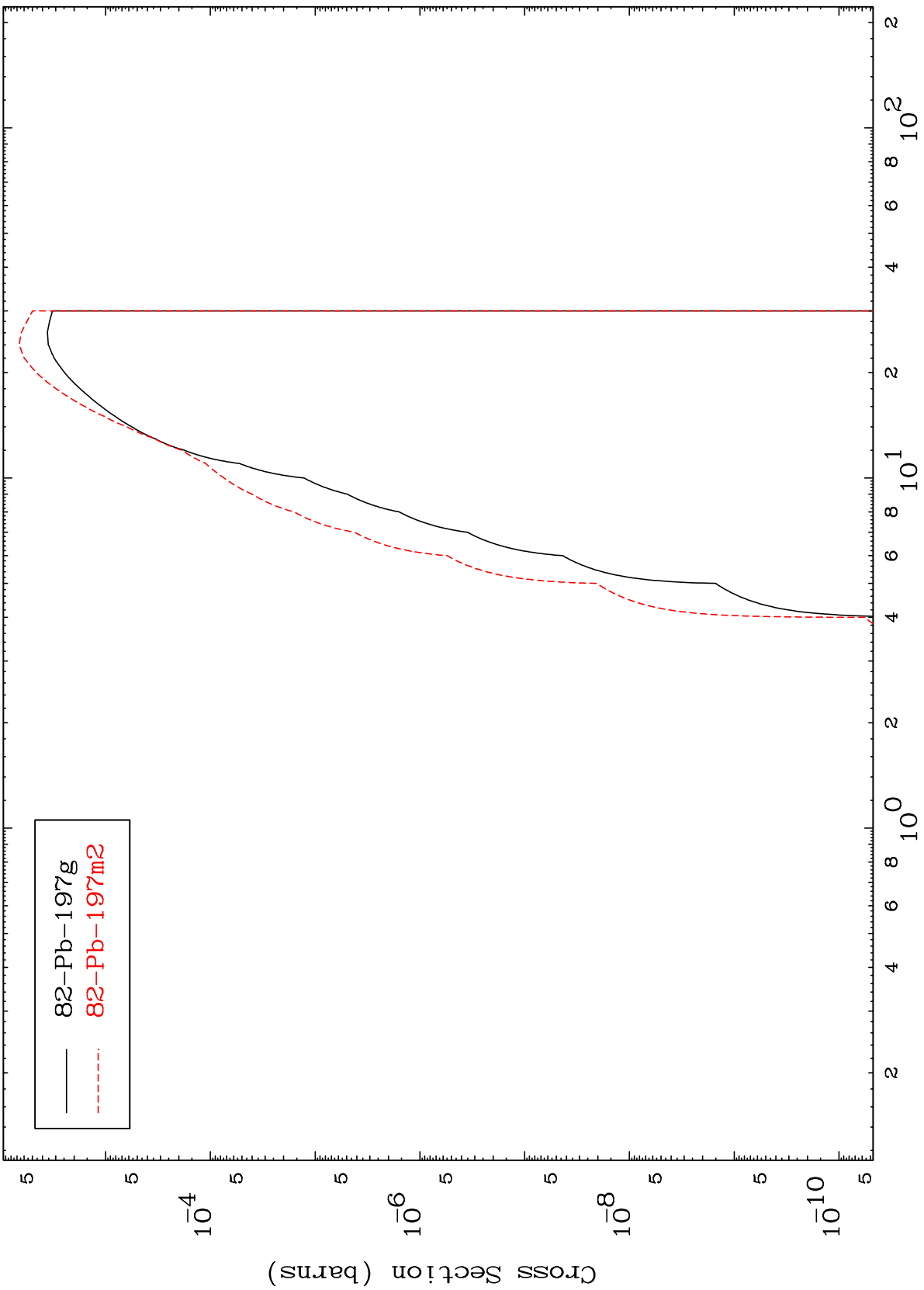


MAT 8299

$(n, n') \alpha$

$^{83}\text{Bi}-200\text{m}$

Radionuclide Production Cross Section

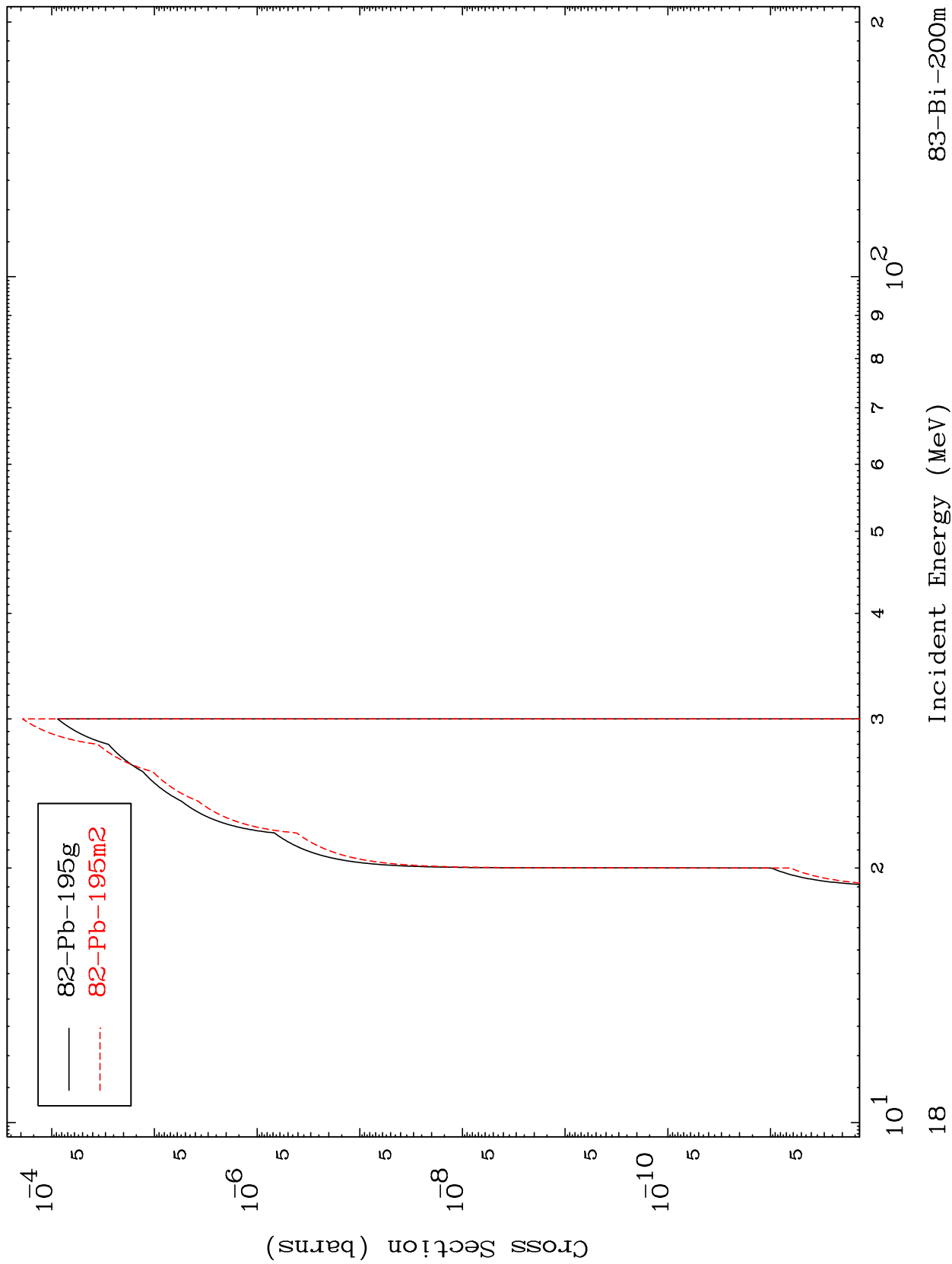


MAT 8299

(n,3n) α

83-Bi-200m

Radionuclide Production Cross Section



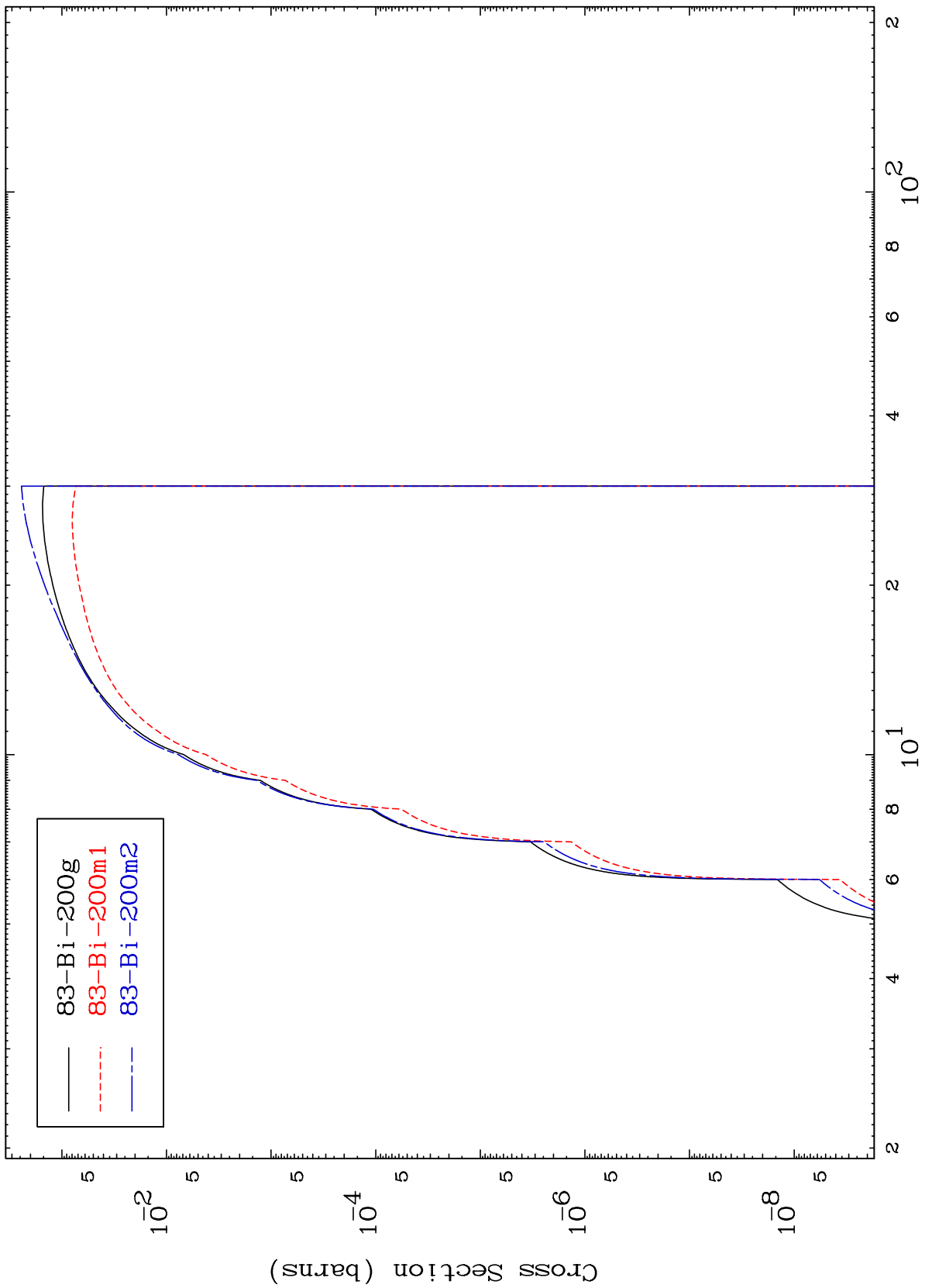
Incident Energy (MeV)

83-Bi-200m

MAT 8299

83-Bi-200m

(n,n') p
Radionuclide Production Cross Section



19

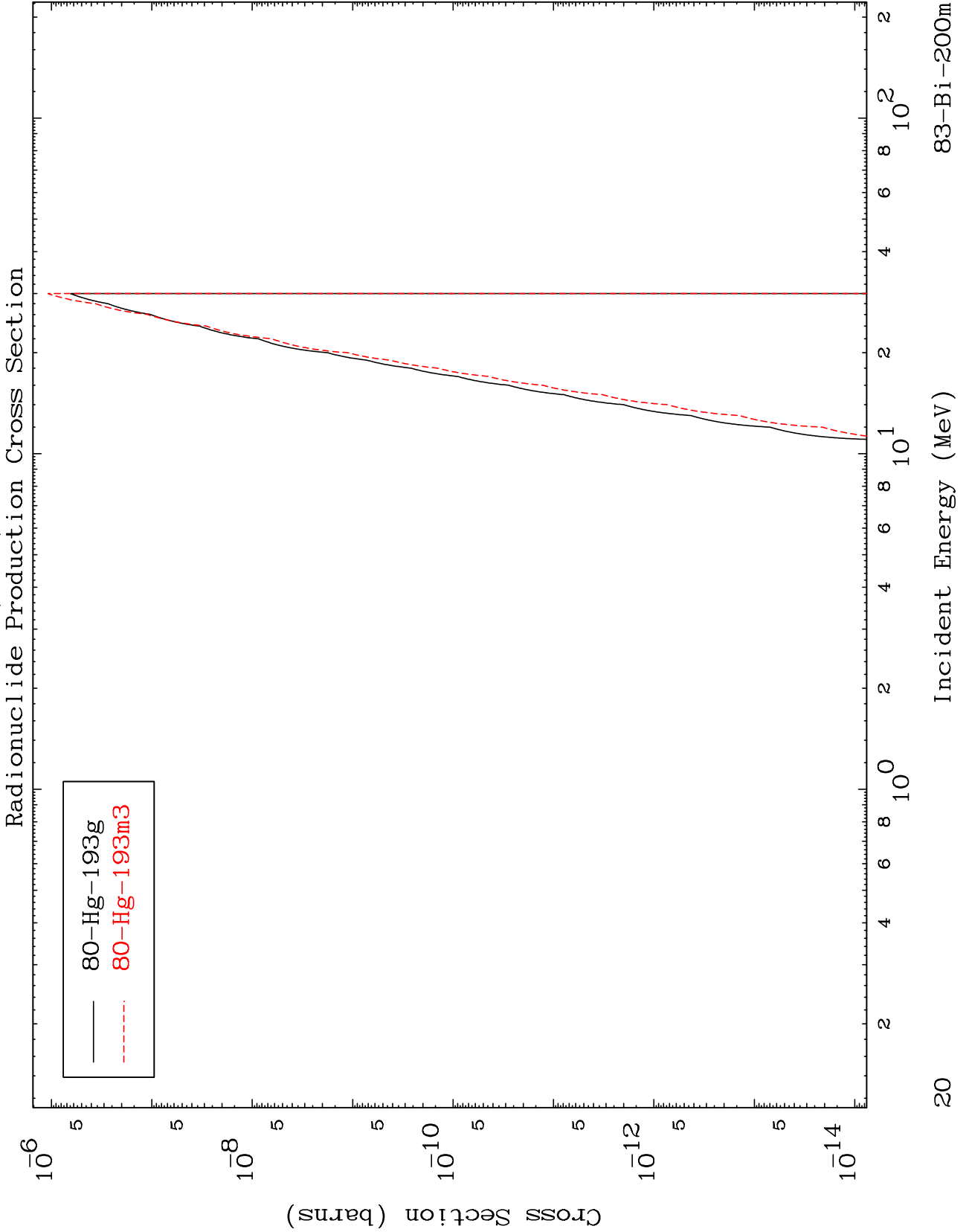
83-Bi-200m

Incident Energy (MeV)

MAT 8299

(n,n') 2α

83-Bi-200m

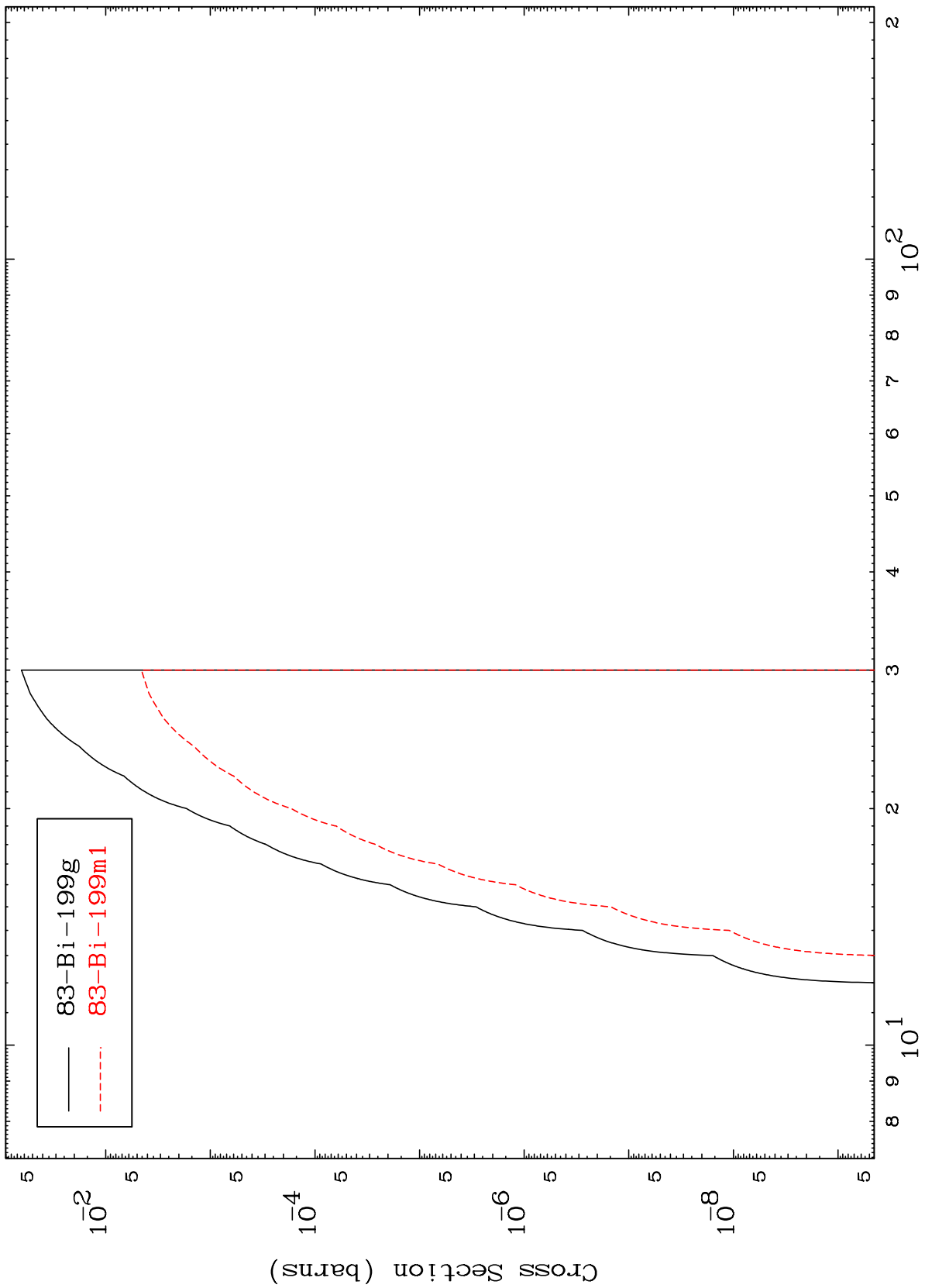


MAT 8299

(n,n') d

83-Bi-200m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

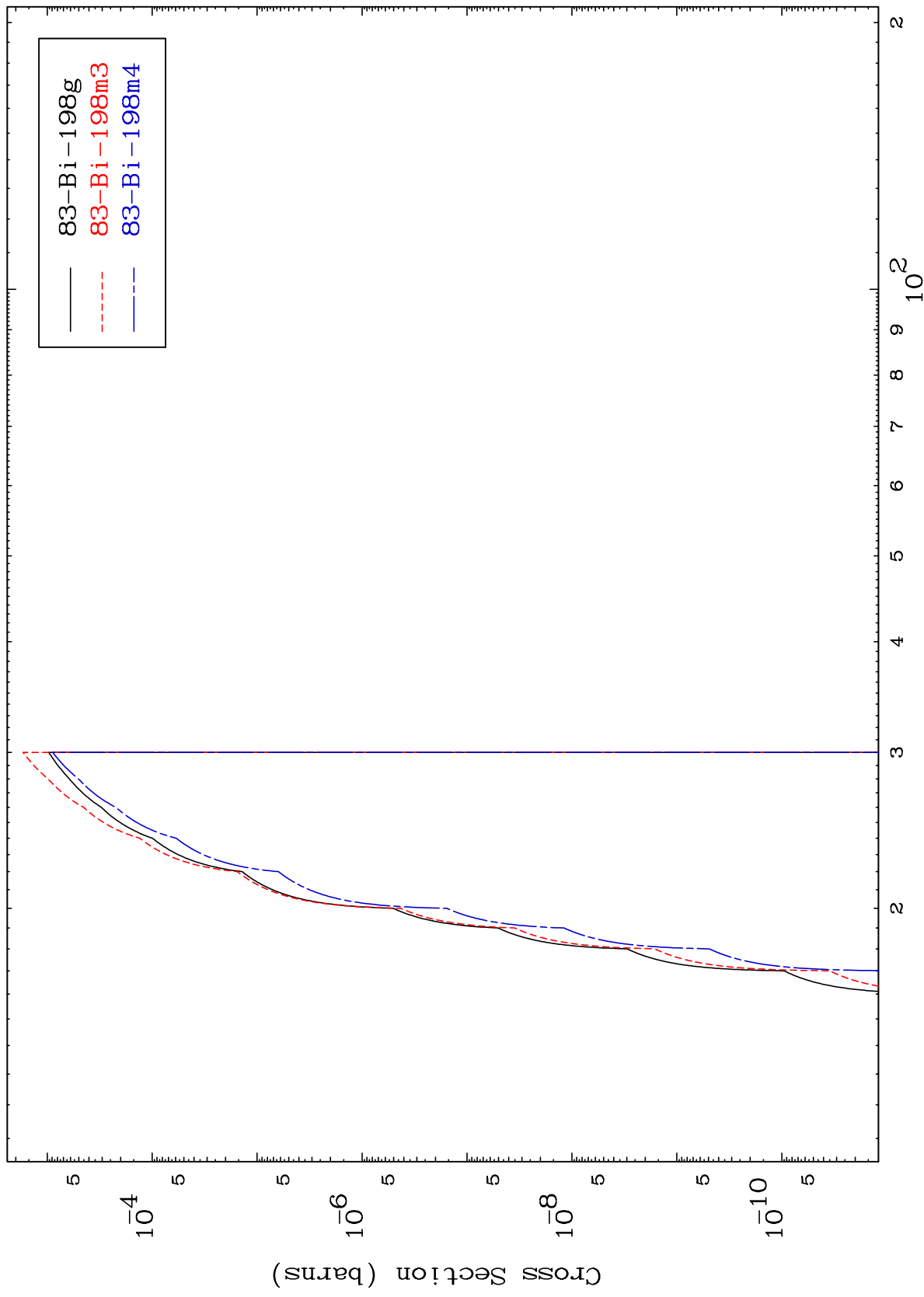
83-Bi-200m

MAT 8299

(n,n') t

83-Bi-200m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

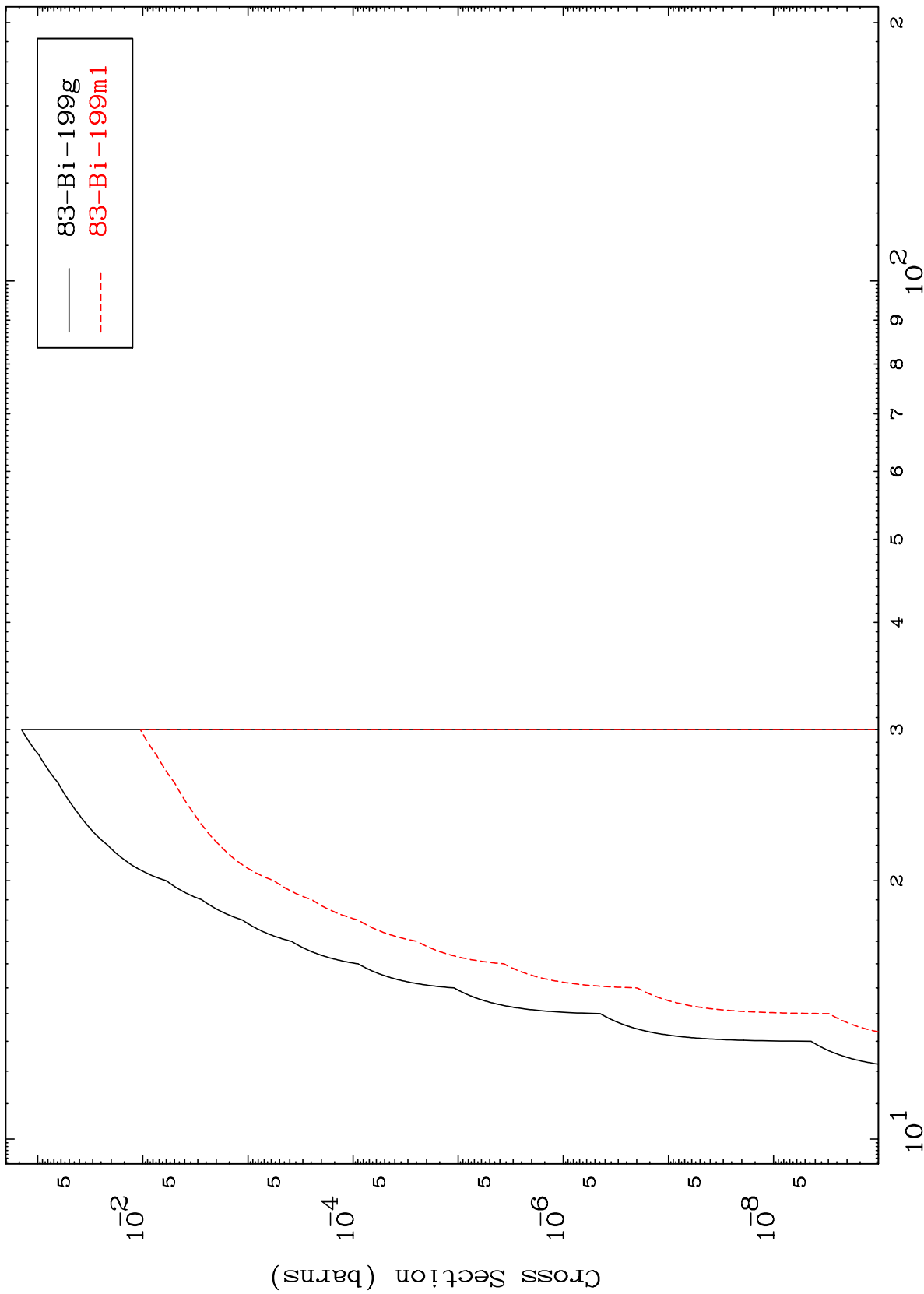
83-Bi-200m

MAT 8299

$(n,2n)$ p

^{83}Bi -200m

Radionuclide Production Cross Section



Incident Energy (MeV)

^{83}Bi -200m

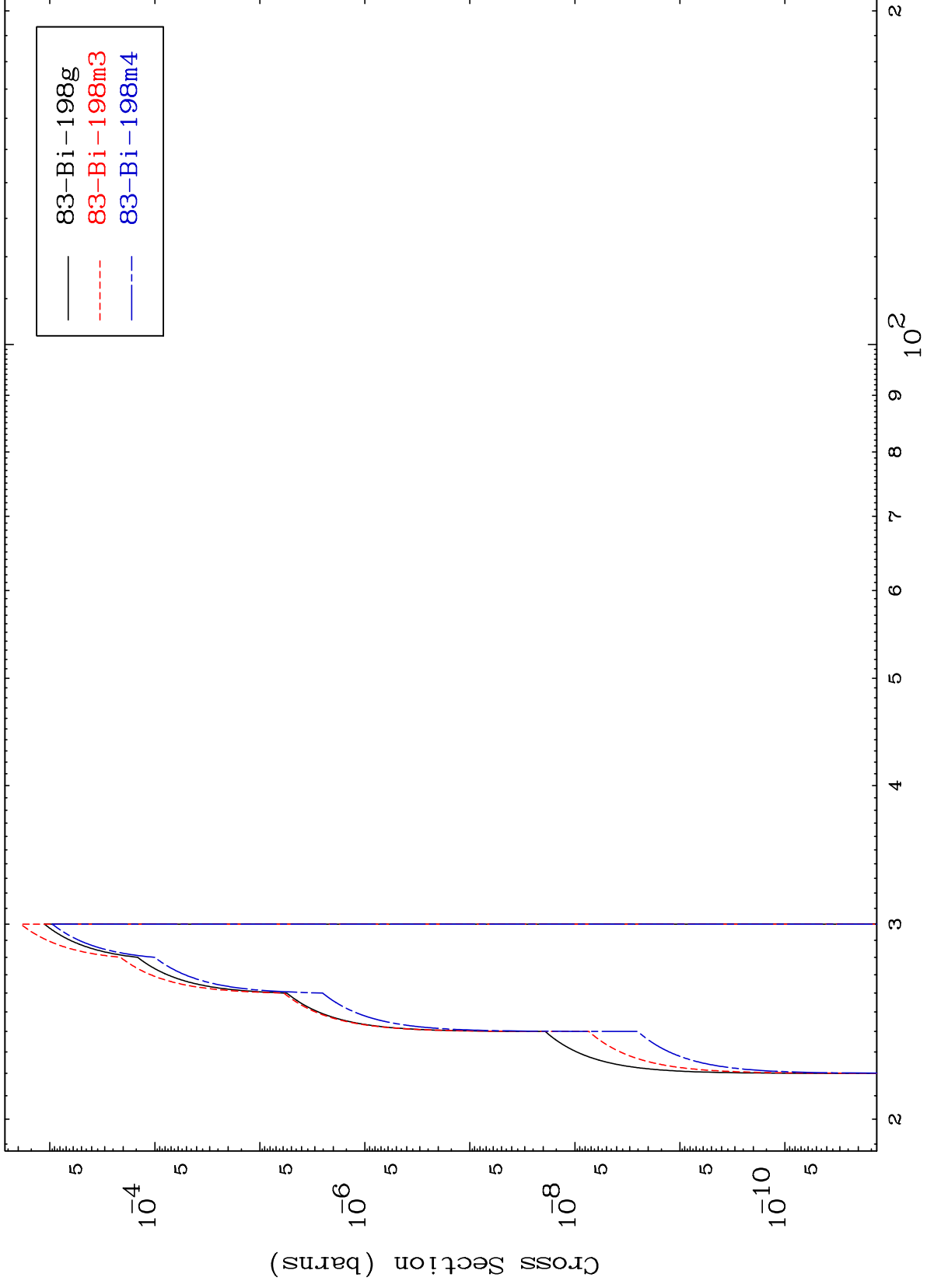
23

MAT 8299

(n,3n) p

83-Bi-200m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

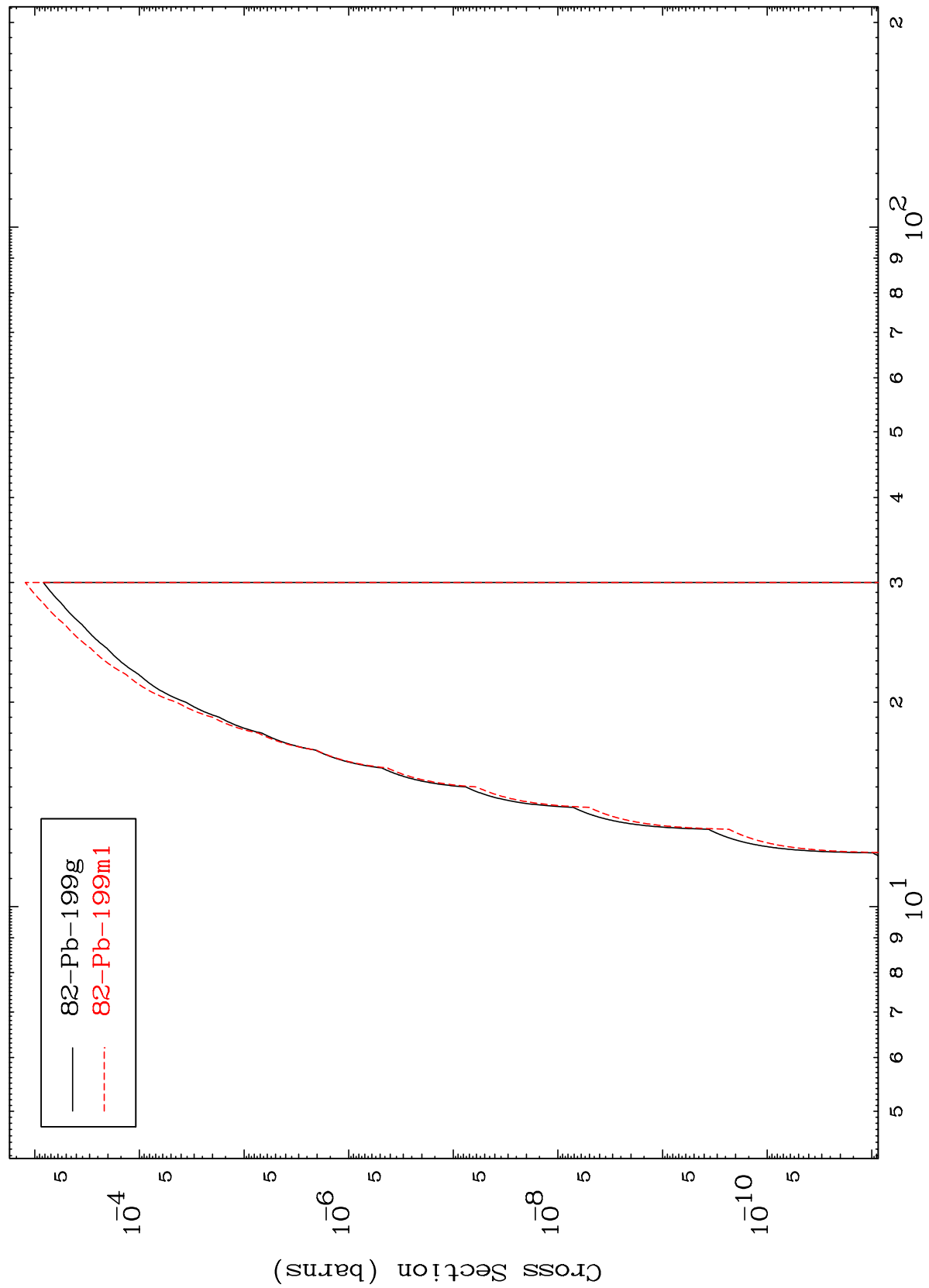
83-Bi-200m

MAT 8299

(n,2n) p

83-Bi-200m

Radionuclide Production Cross Section



25

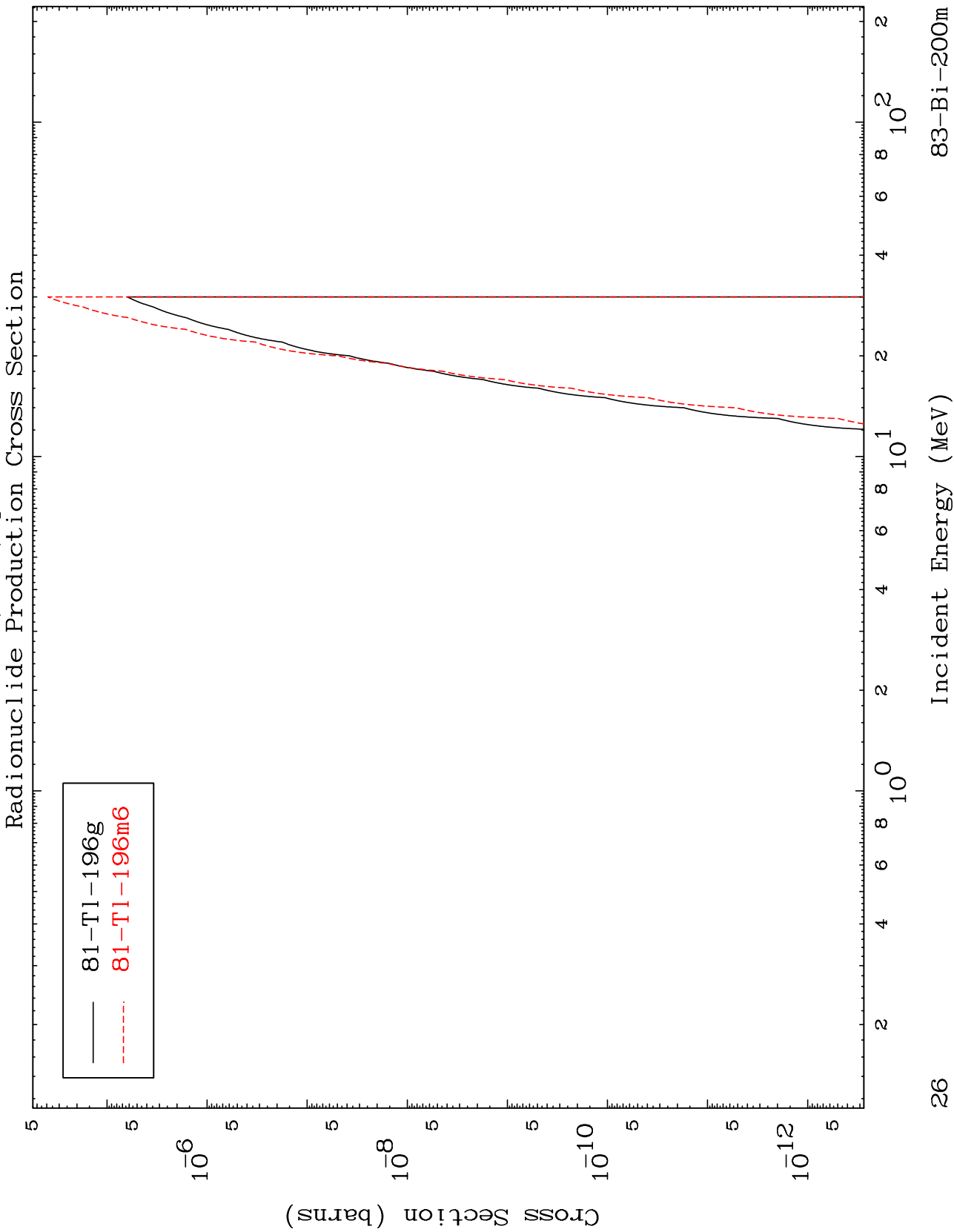
Incident Energy (MeV)

83-Bi-200m

MAT 8299

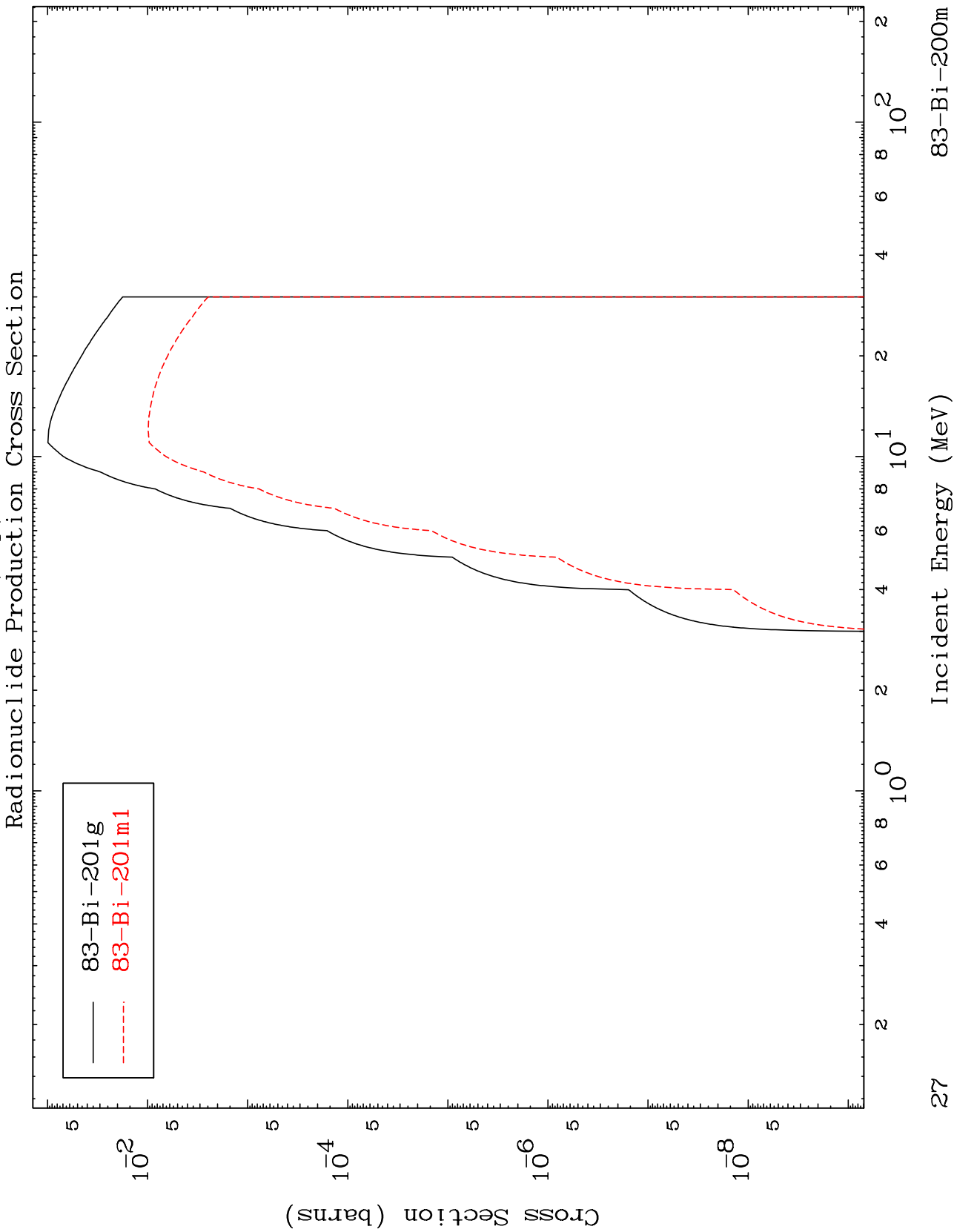
(n,n') p α

83-Bi-200m



MAT 8299

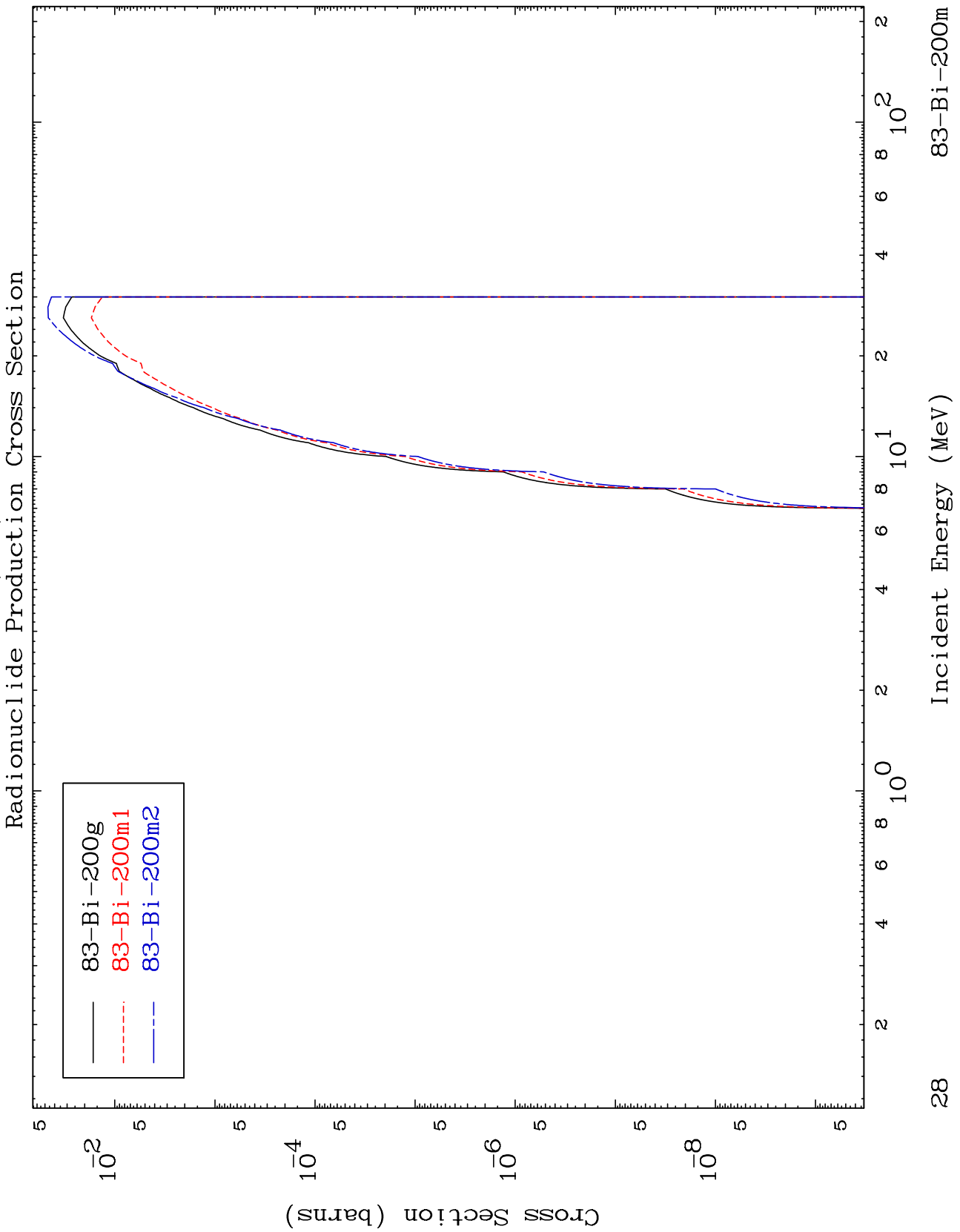
⁸³Bi-200m



MAT 8299

(n,d)

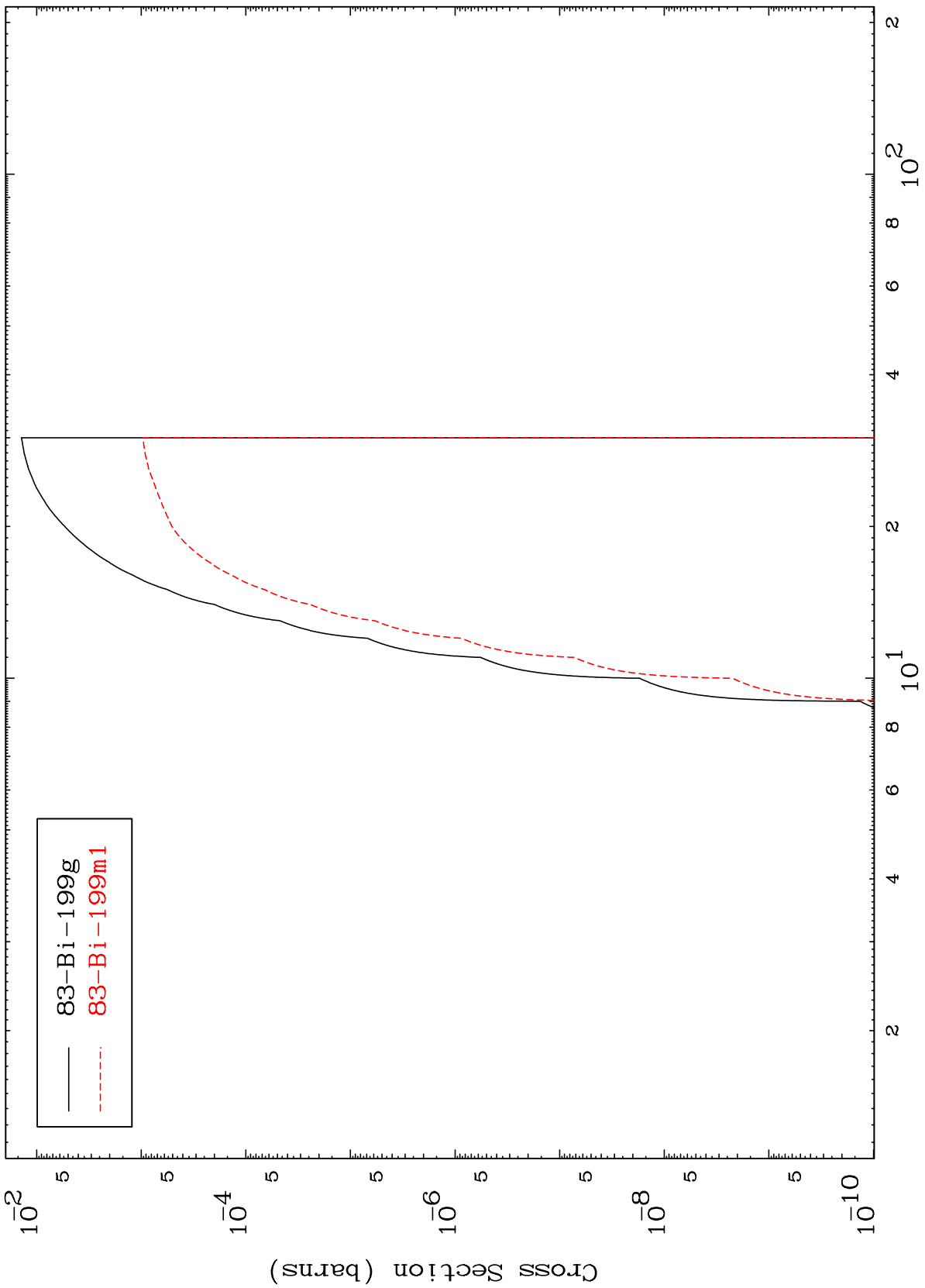
⁸³Bi-200m



MAT 8299

83-Bi-200m

(n,t)
Radionuclide Production Cross Section

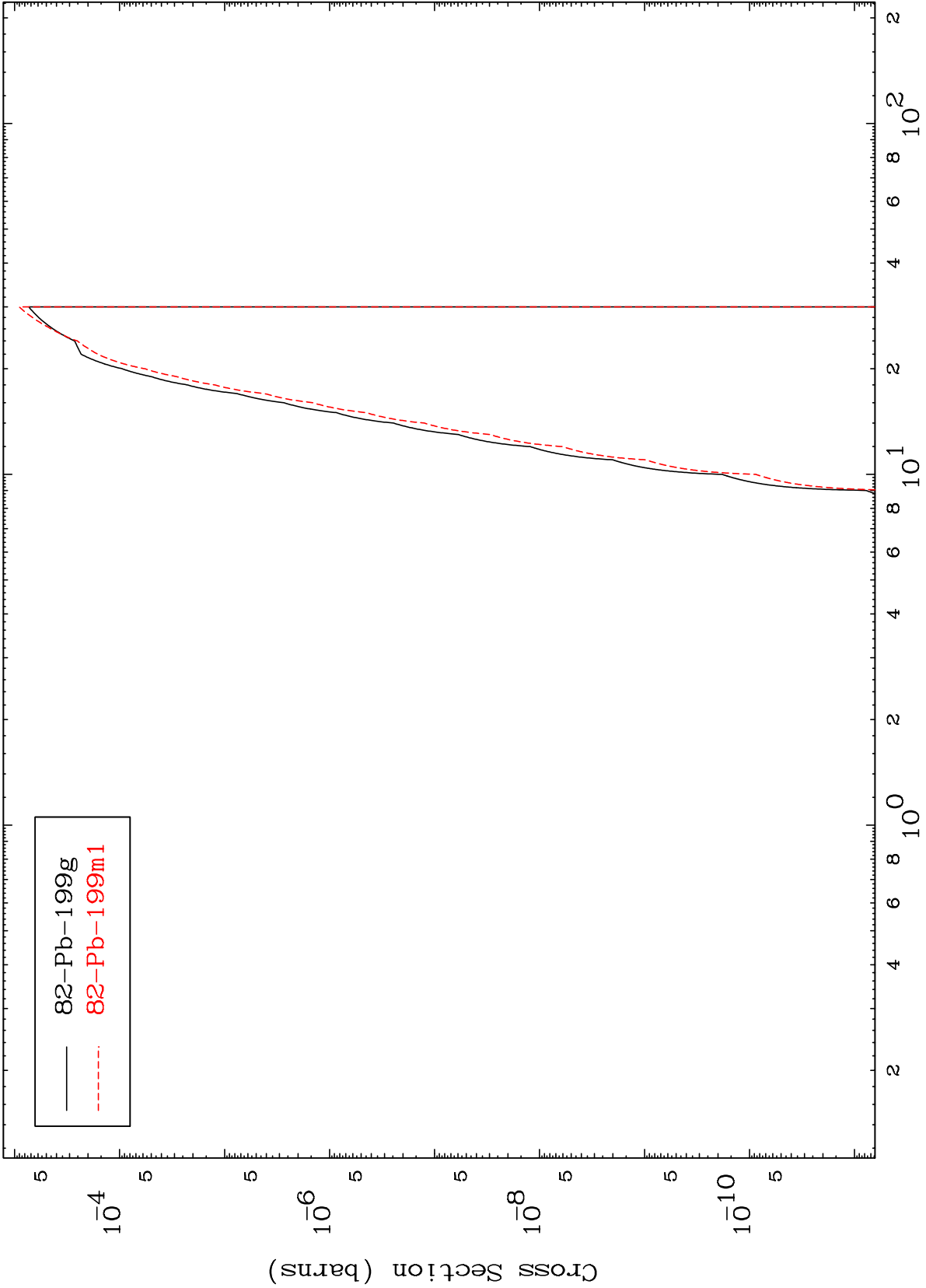


MAT 8299

(n,He-3)

83-Bi-200m

Radionuclide Production Cross Section



— 82-Pb-199g
- - - 82-Pb-199m1

30

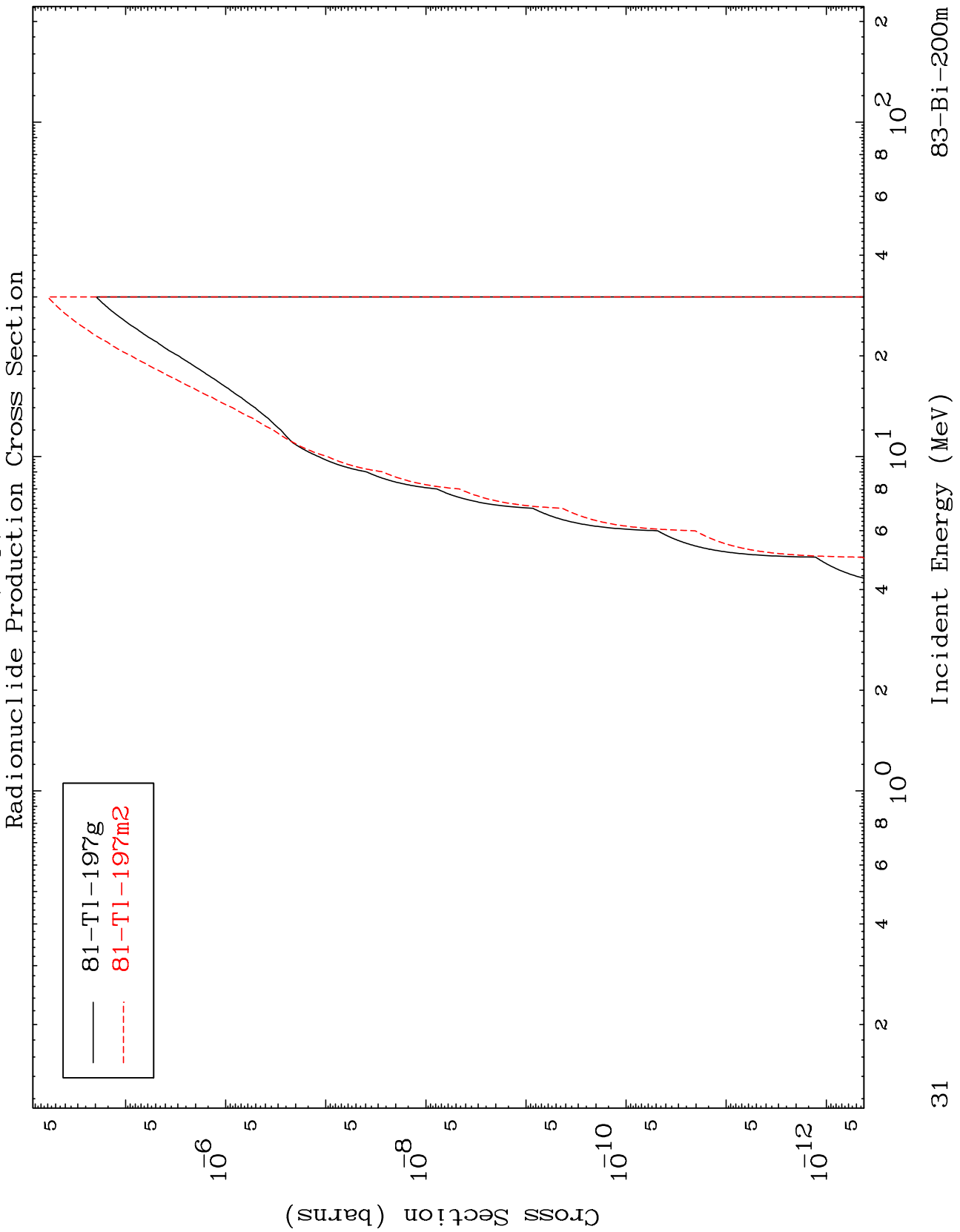
Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,p) α

^{83}Bi -200m

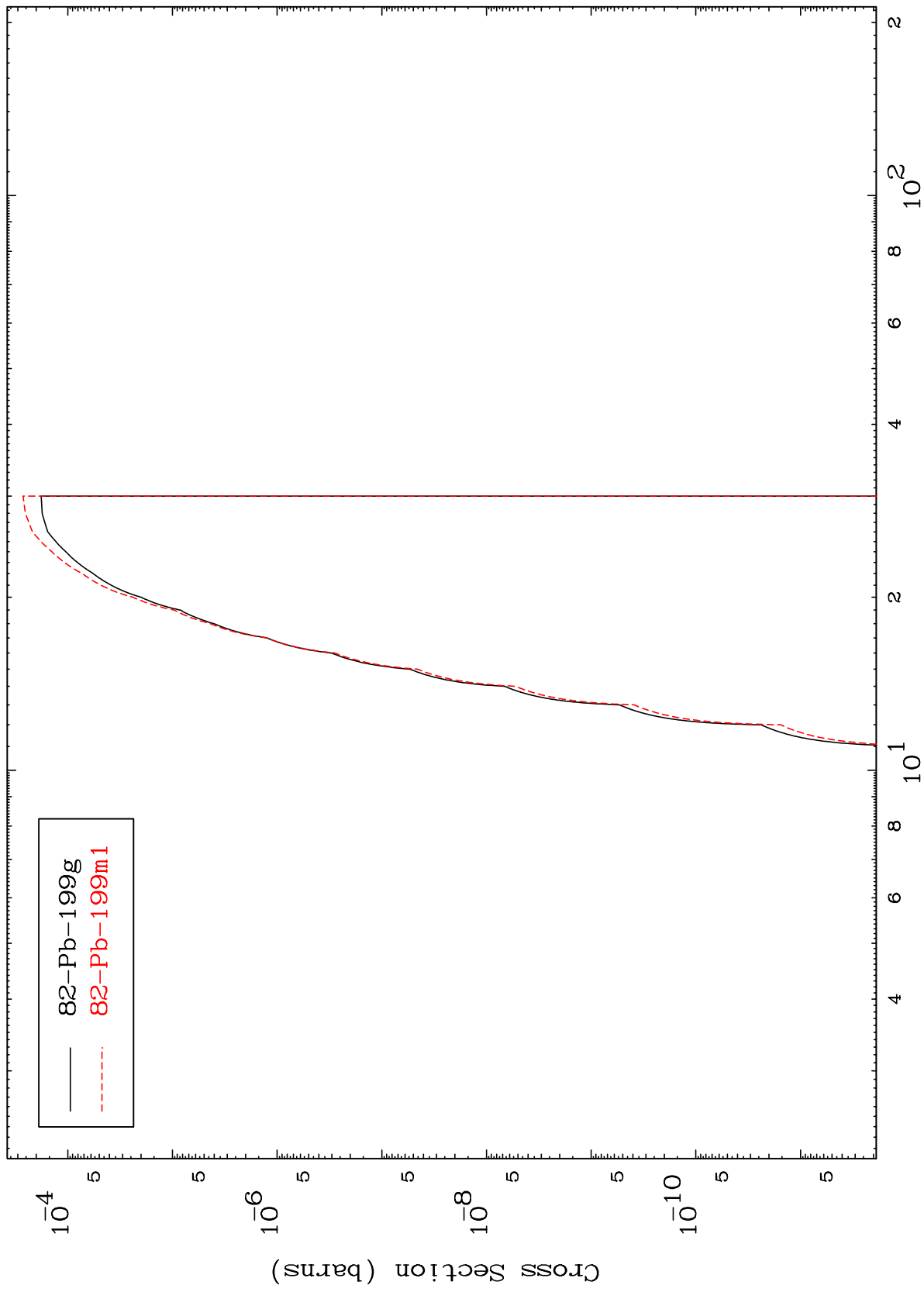


MAT 8299

(n,p) d

83-Bi-200m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-200m

MAT 8299

(n,d) α

^{83}Bi -200m

