

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

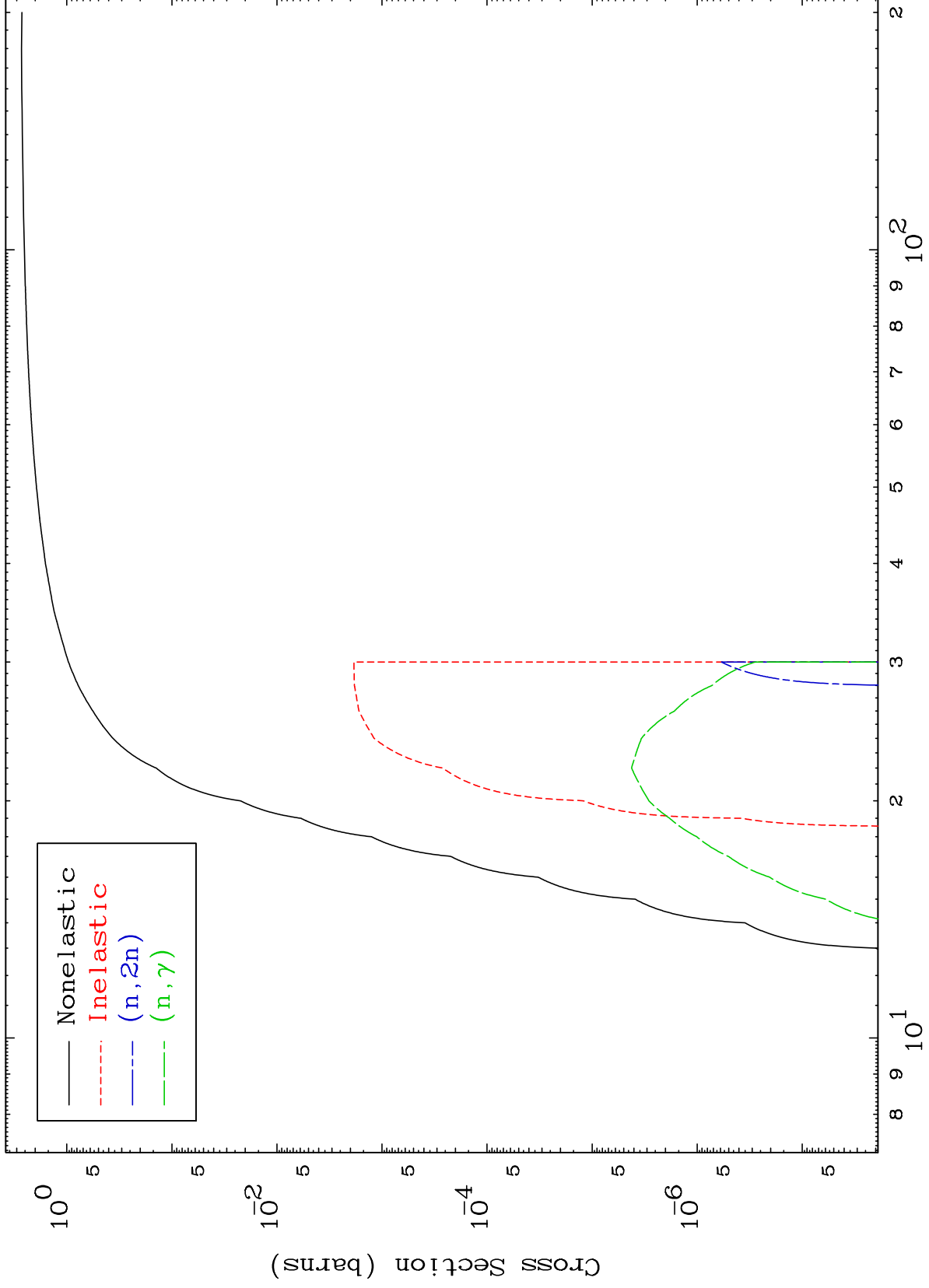
Press Mouse Button to Start

MAT 8271

α Major

83-Bi-191

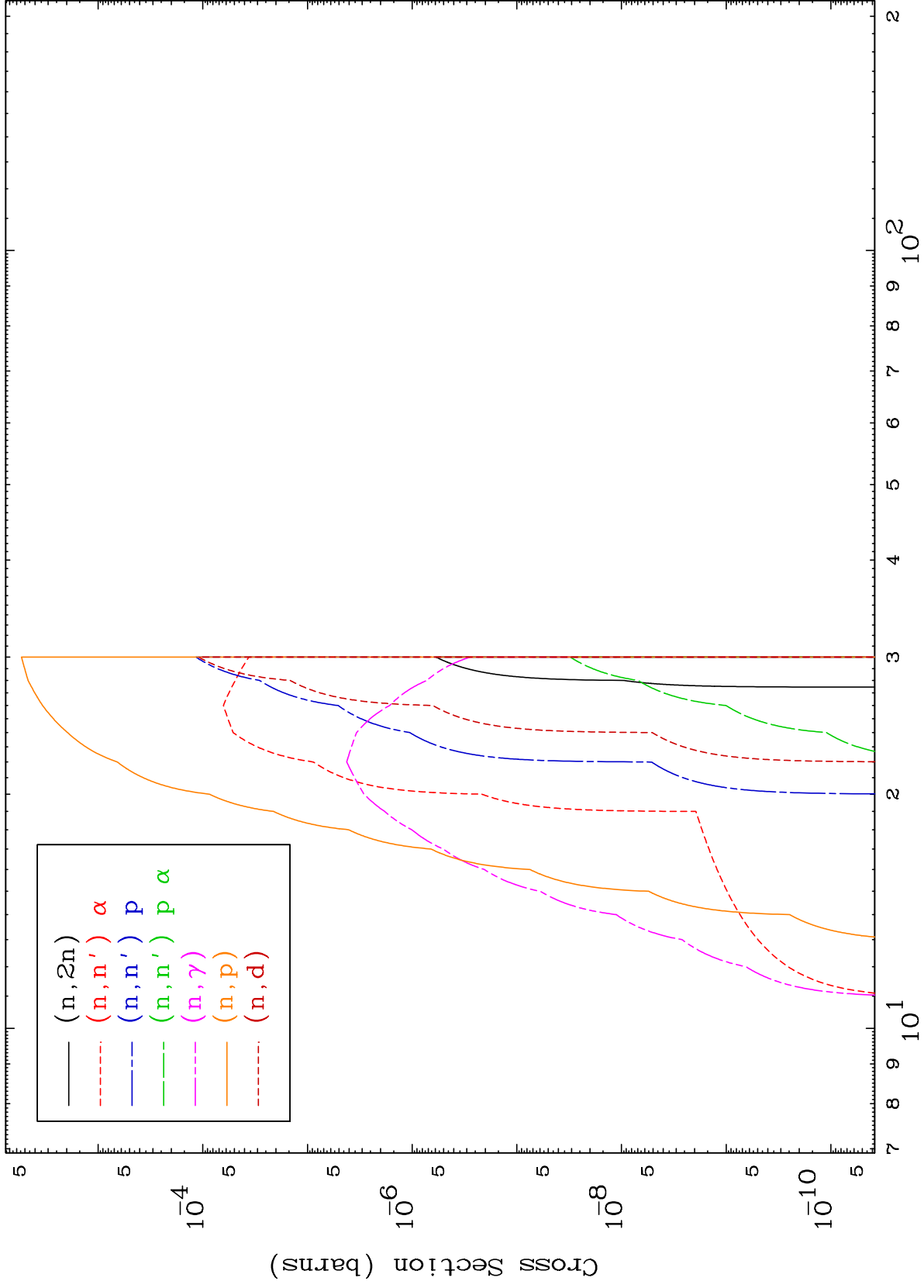
0 Kelvin Cross Sections

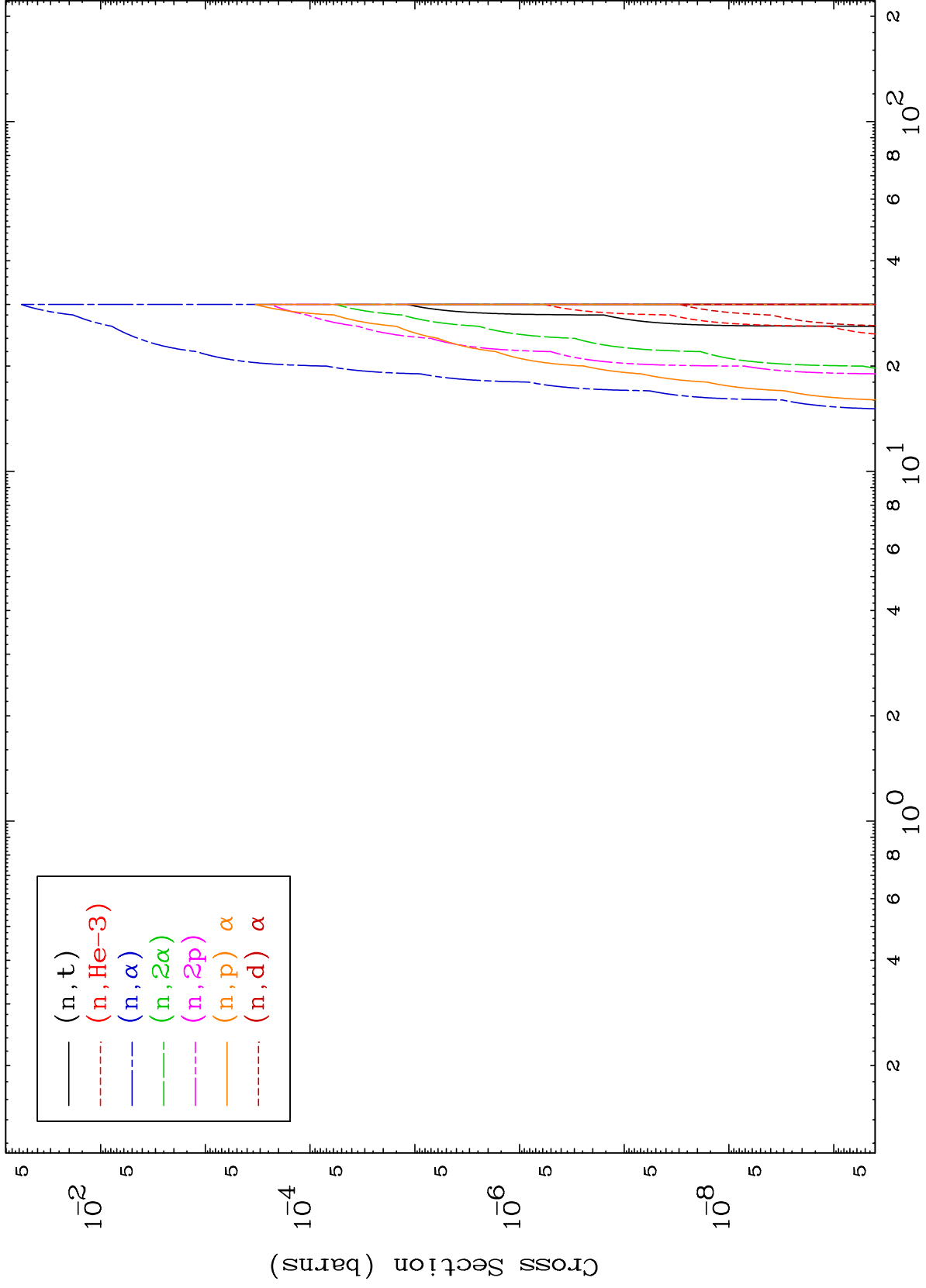


1

Incident Energy (MeV)

83-Bi-191

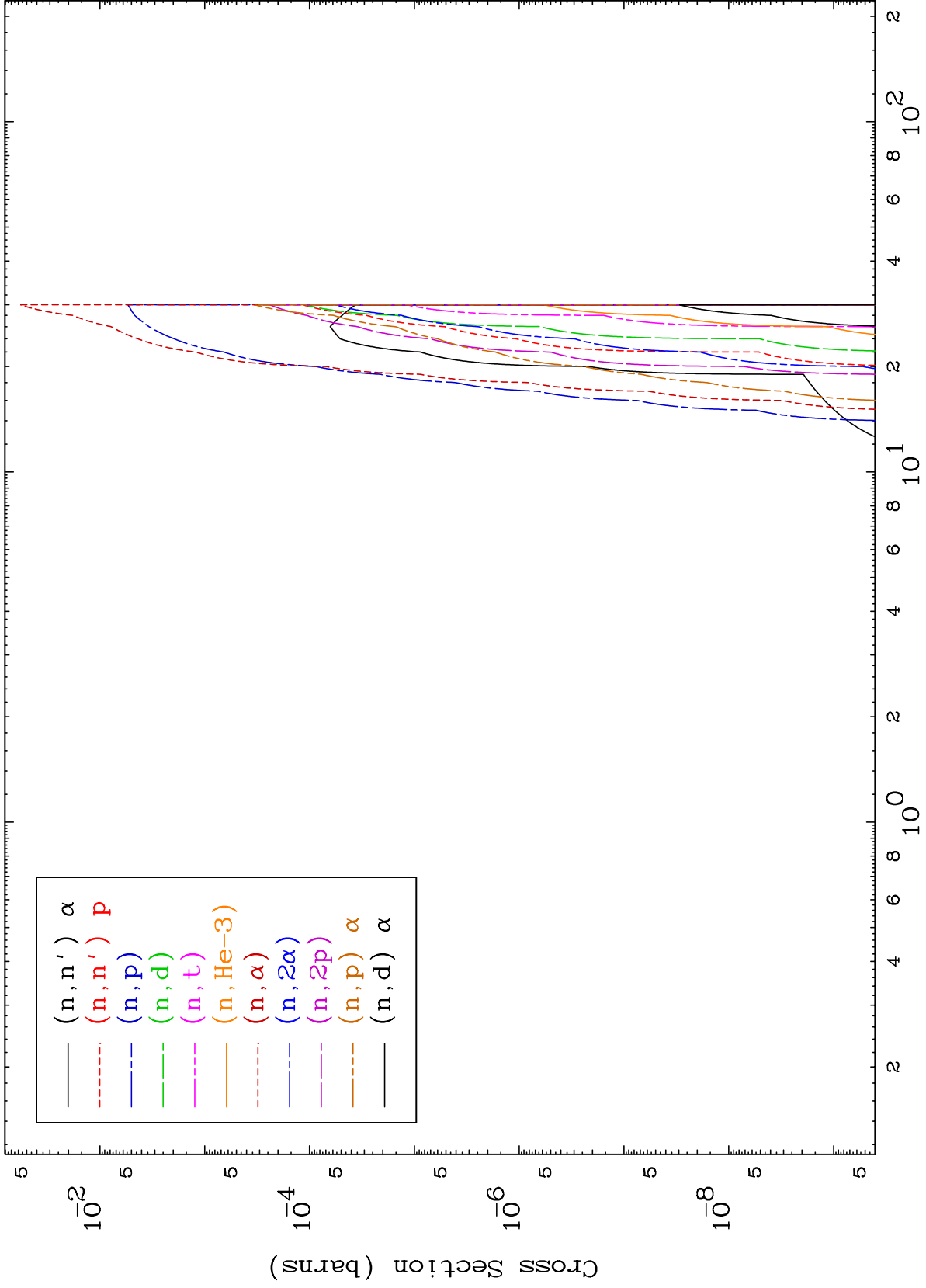




MAT 8271

α Charged Particle
0 Kelvin Cross Sections

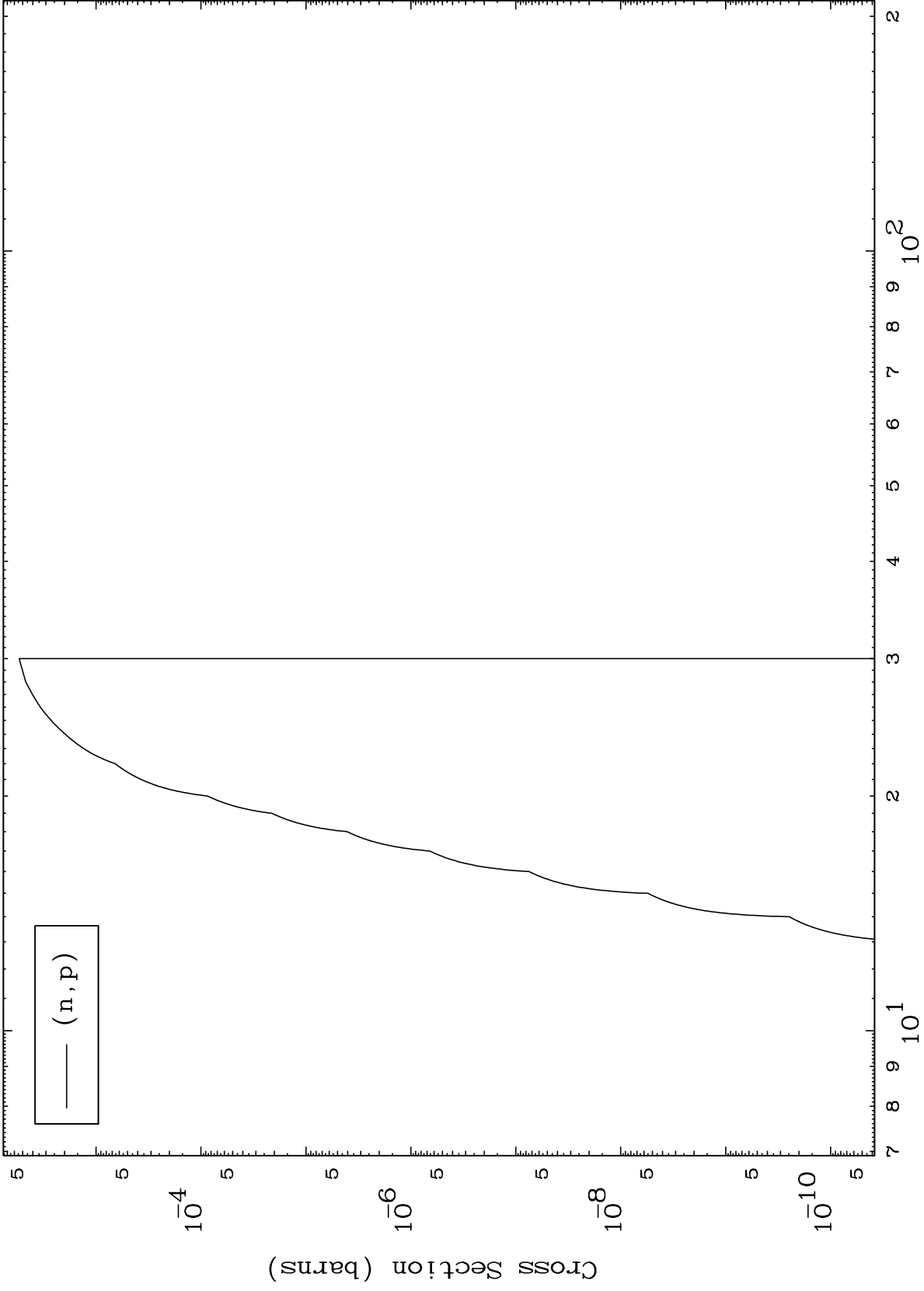
83-Bi-191



MAT 8271

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-191



5

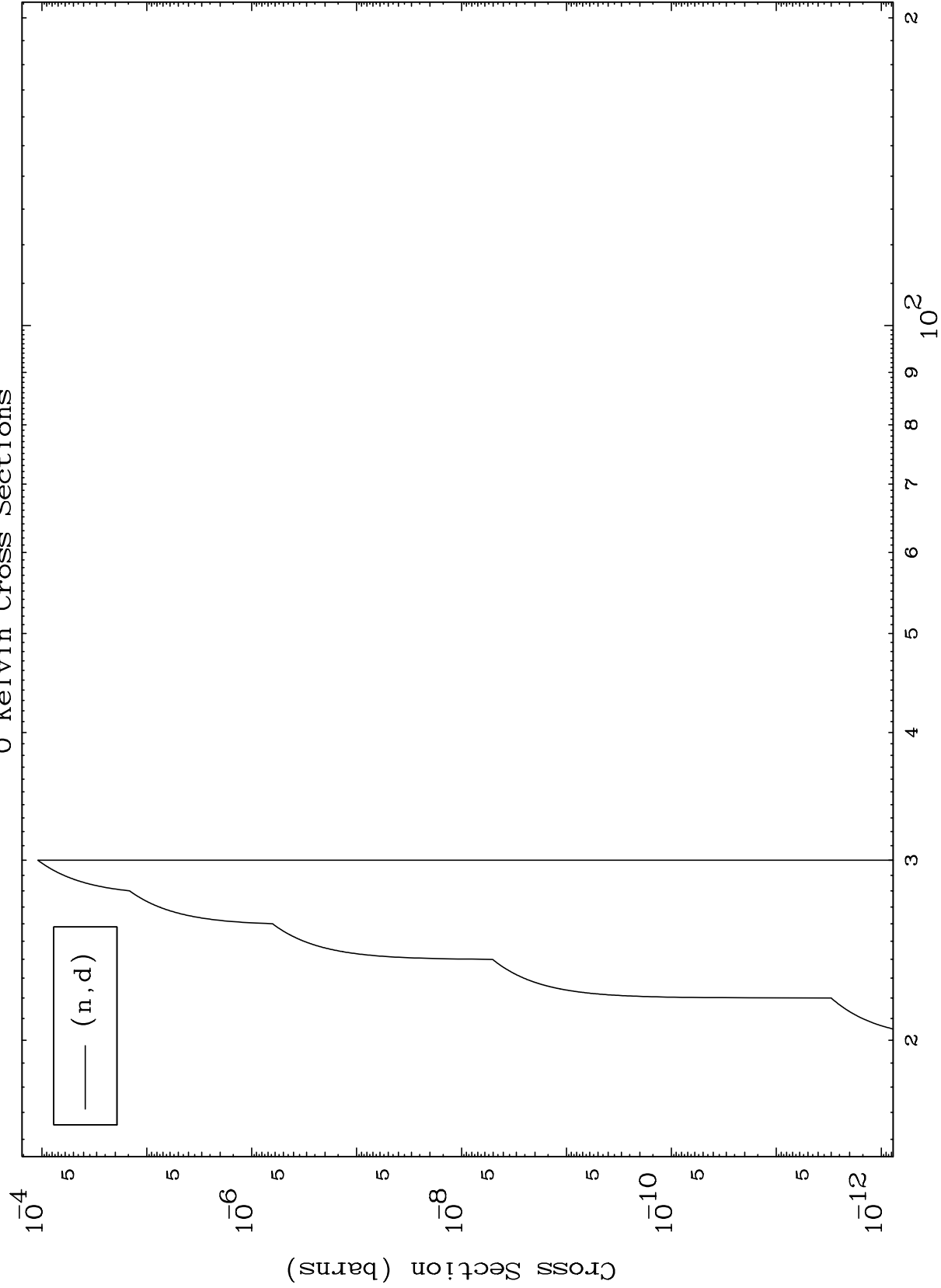
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

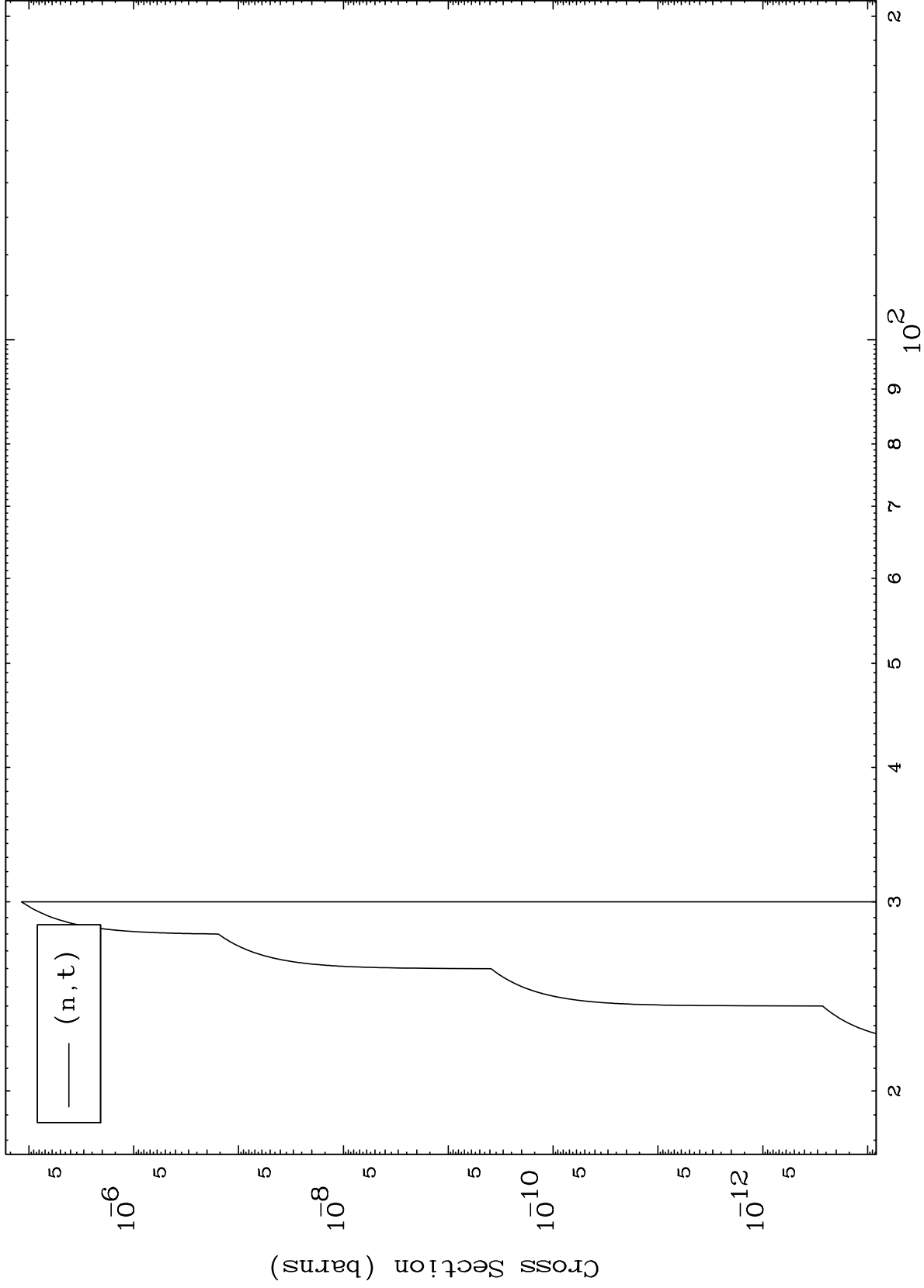
(α, d) Levels
0 Kelvin Cross Sections

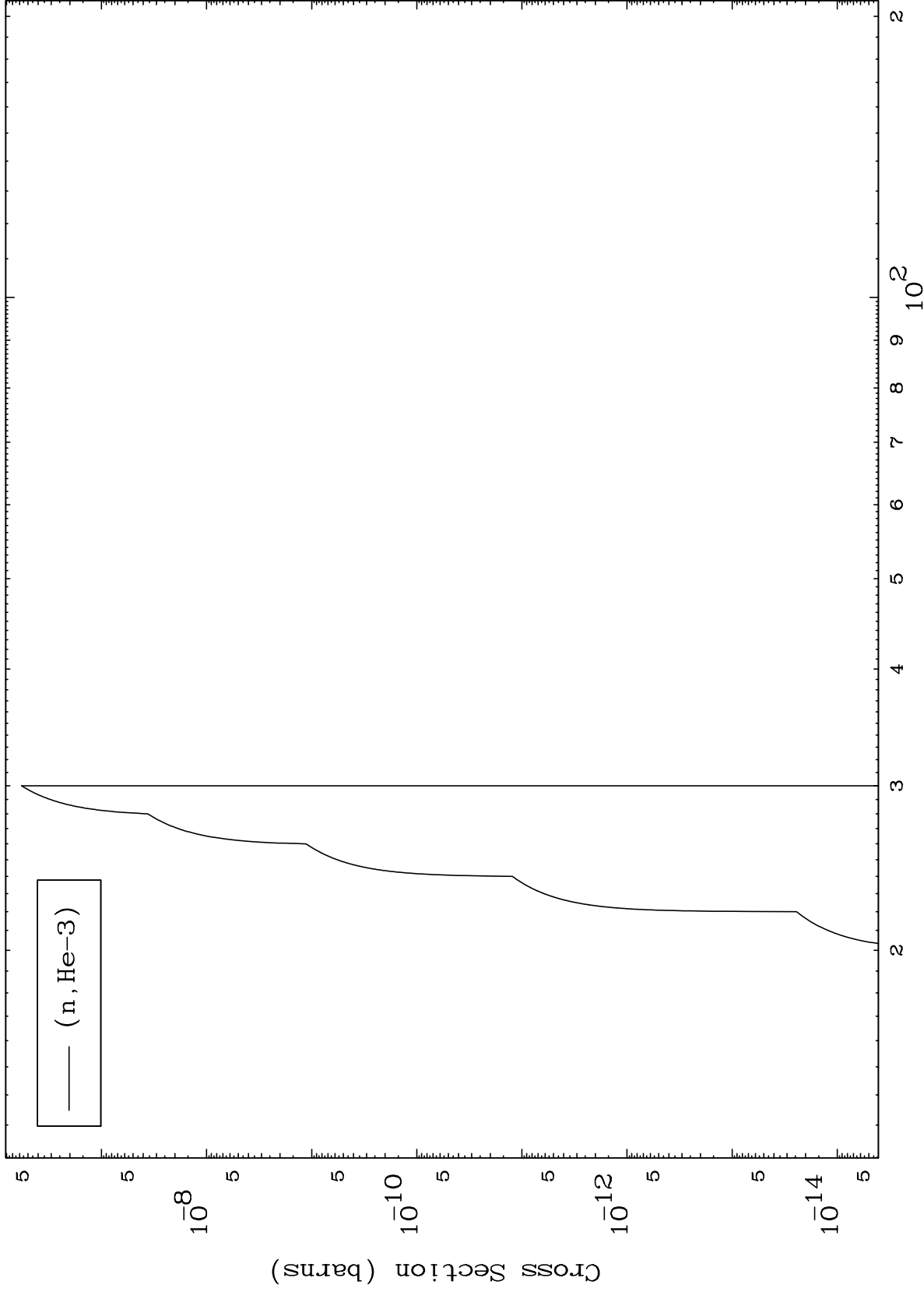


83-Bi-191

Incident Energy (MeV)

6

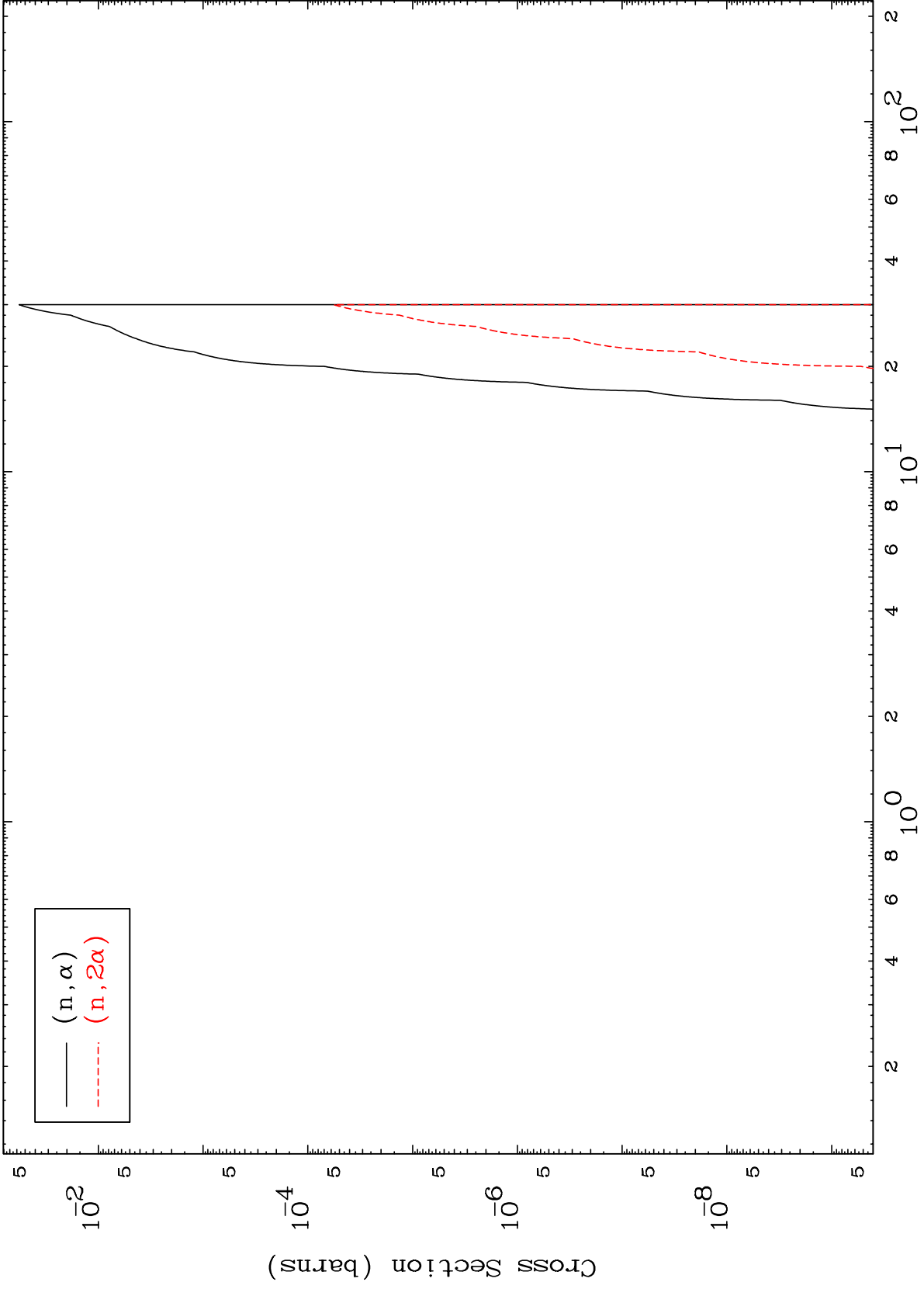




MAT 8271

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-191

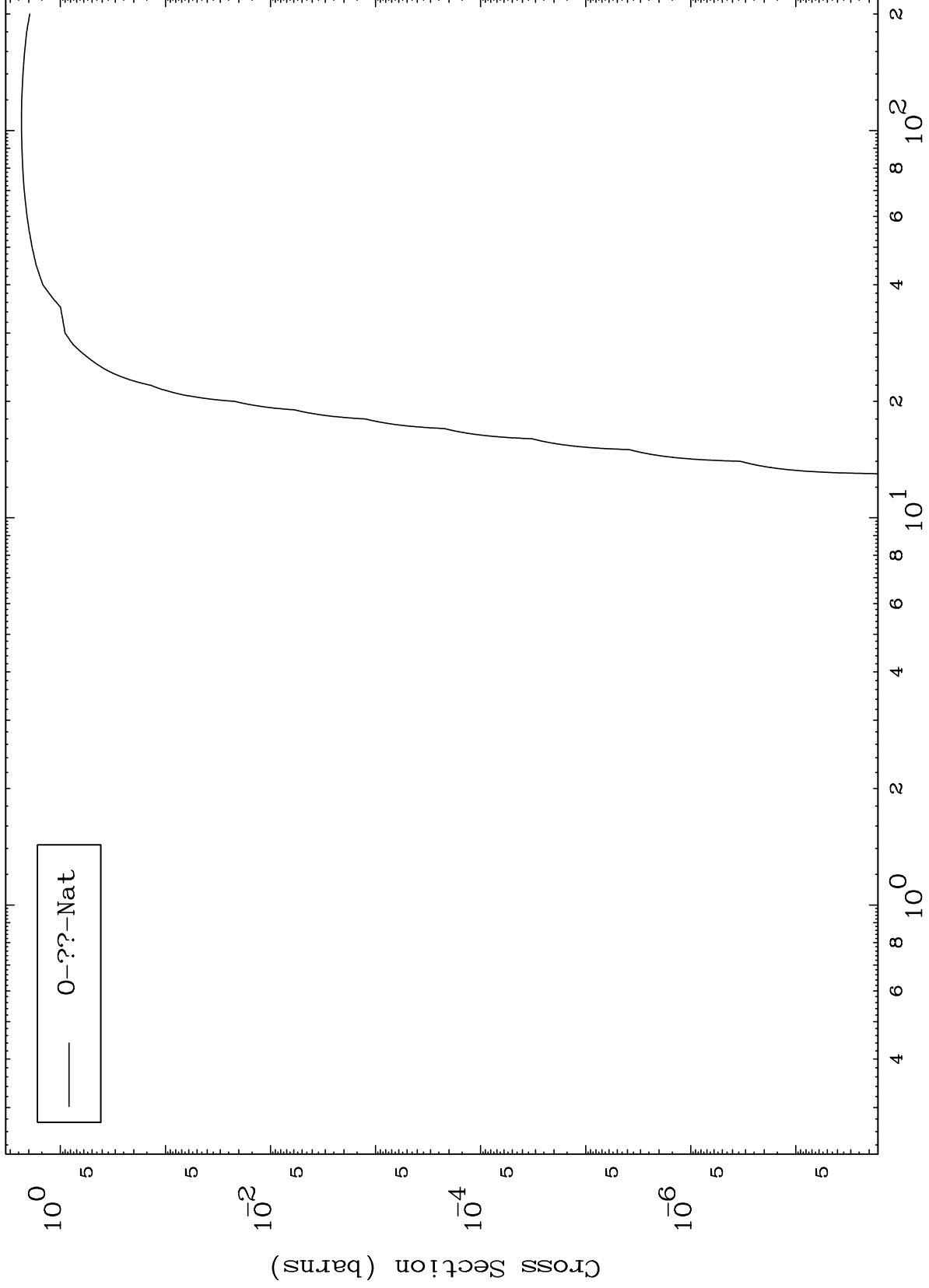


MAT 8271

Fission

83-Bi-191

Radionuclide Production Cross Section



10

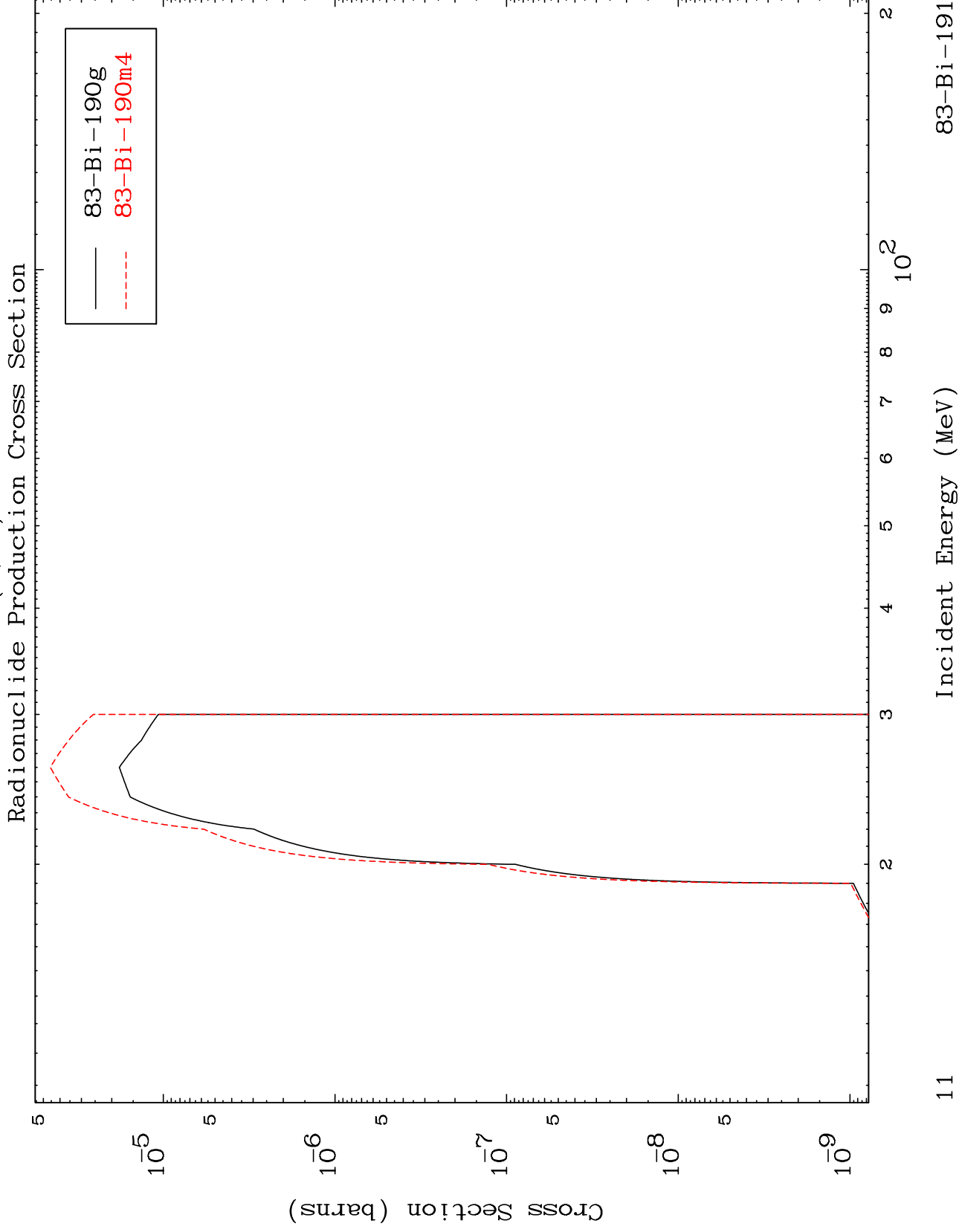
Incident Energy (MeV)

83-Bi-191

MAT 8271

$(n, n') \alpha$

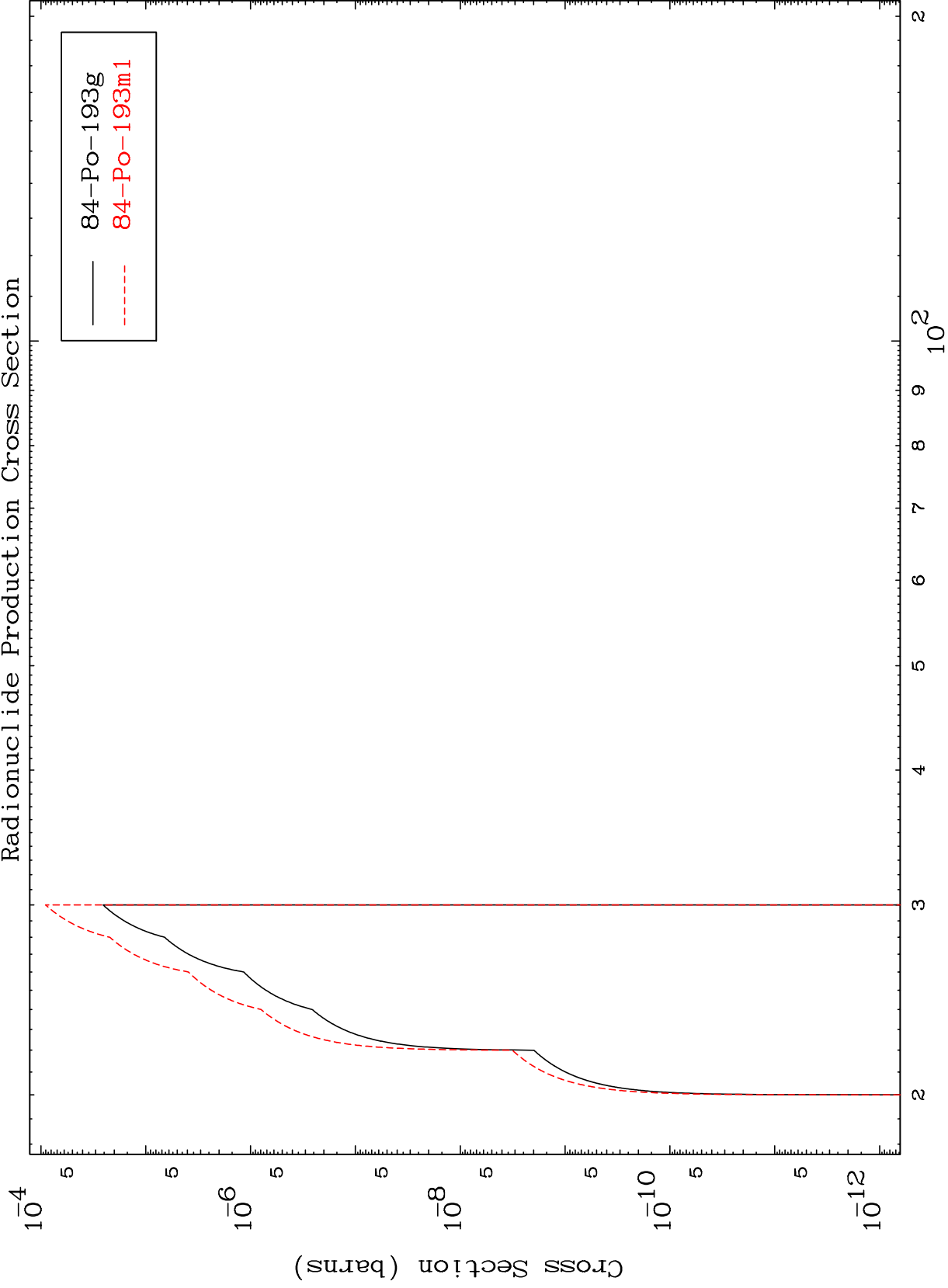
83-Bi-191



MAT 8271

83-Bi-191

(n,n') p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

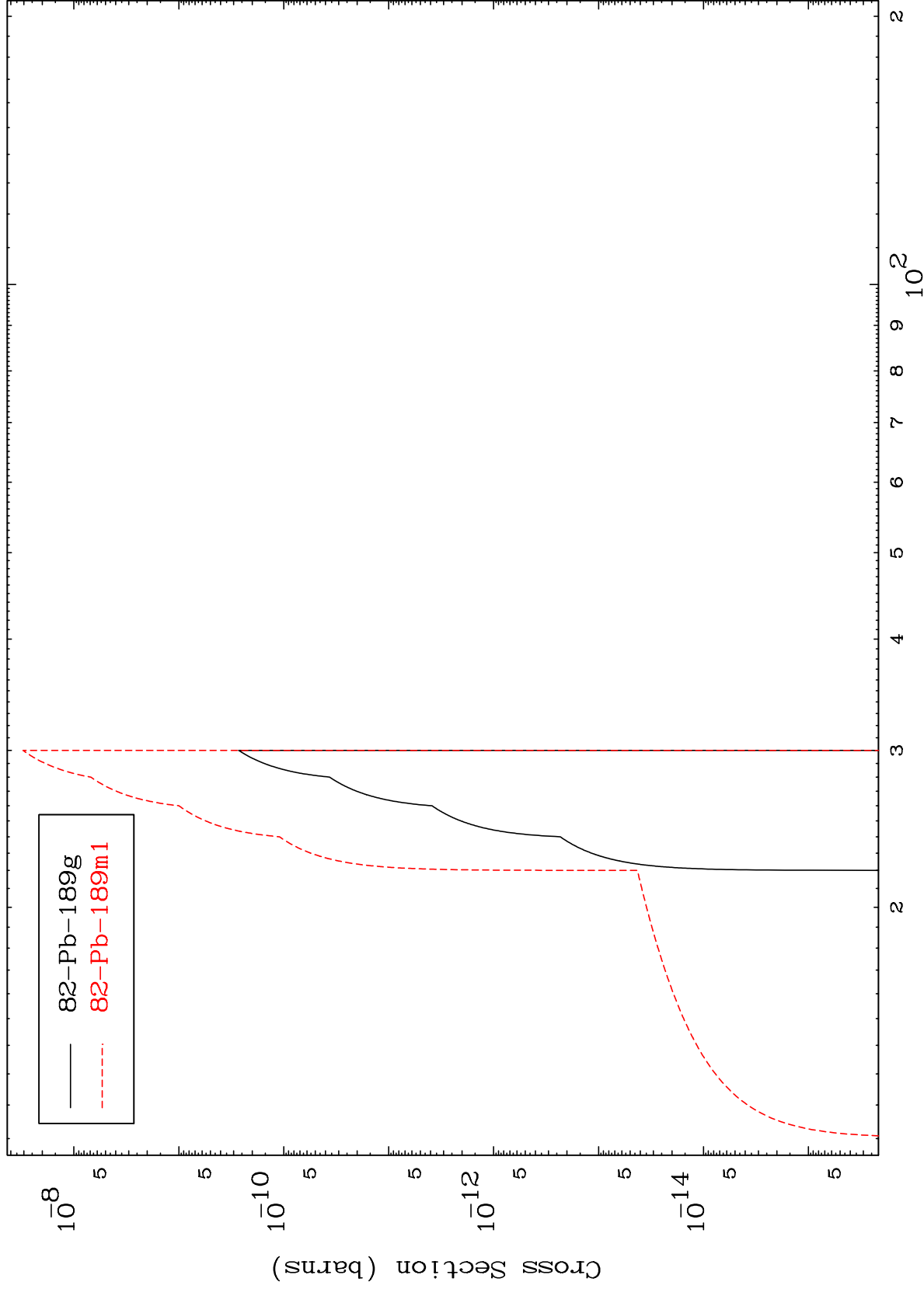
83-Bi-191

MAT 8271

(n,n') p α

83-Bi-191

Radionuclide Production Cross Section



13

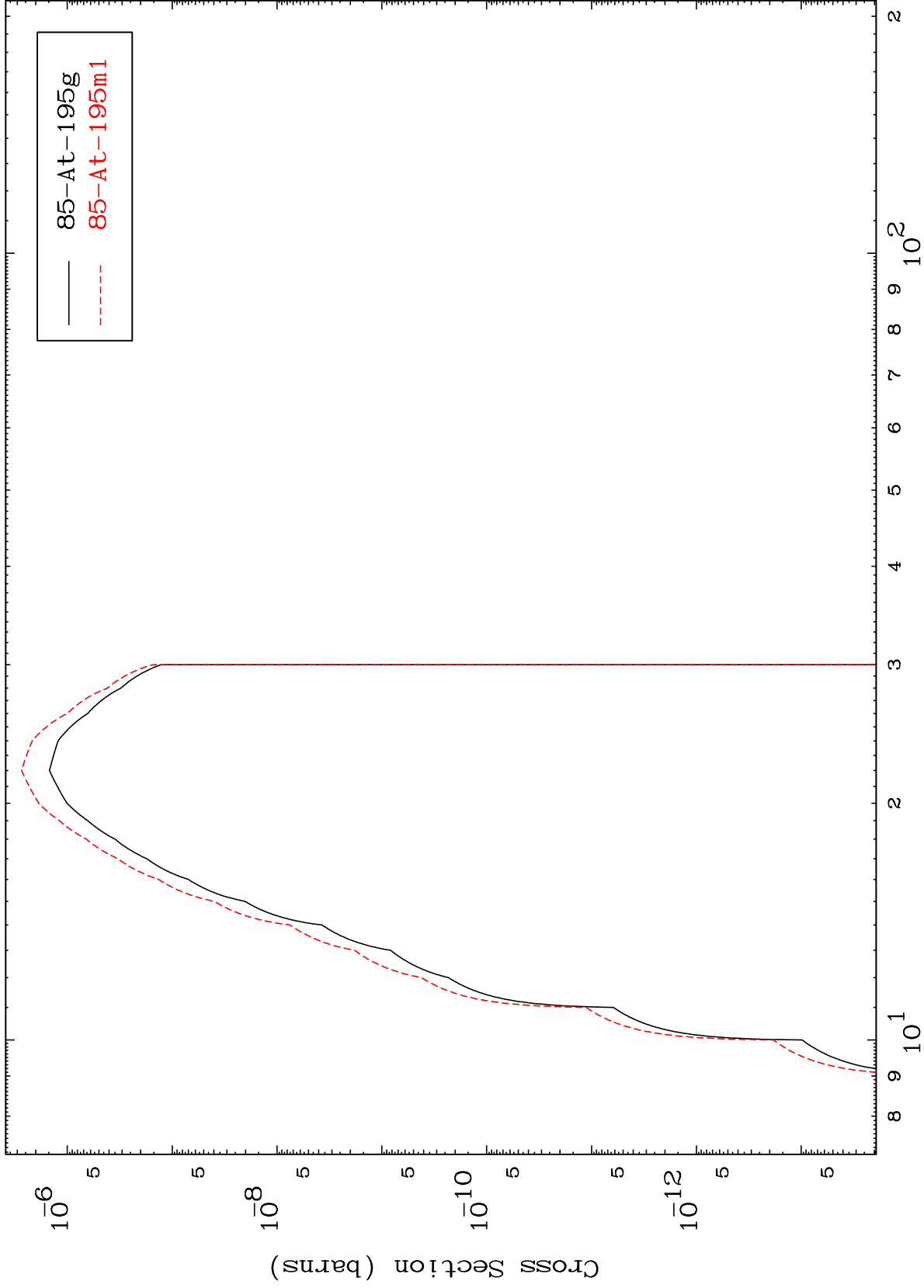
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n,γ)
Radionuclide Production Cross Section



14

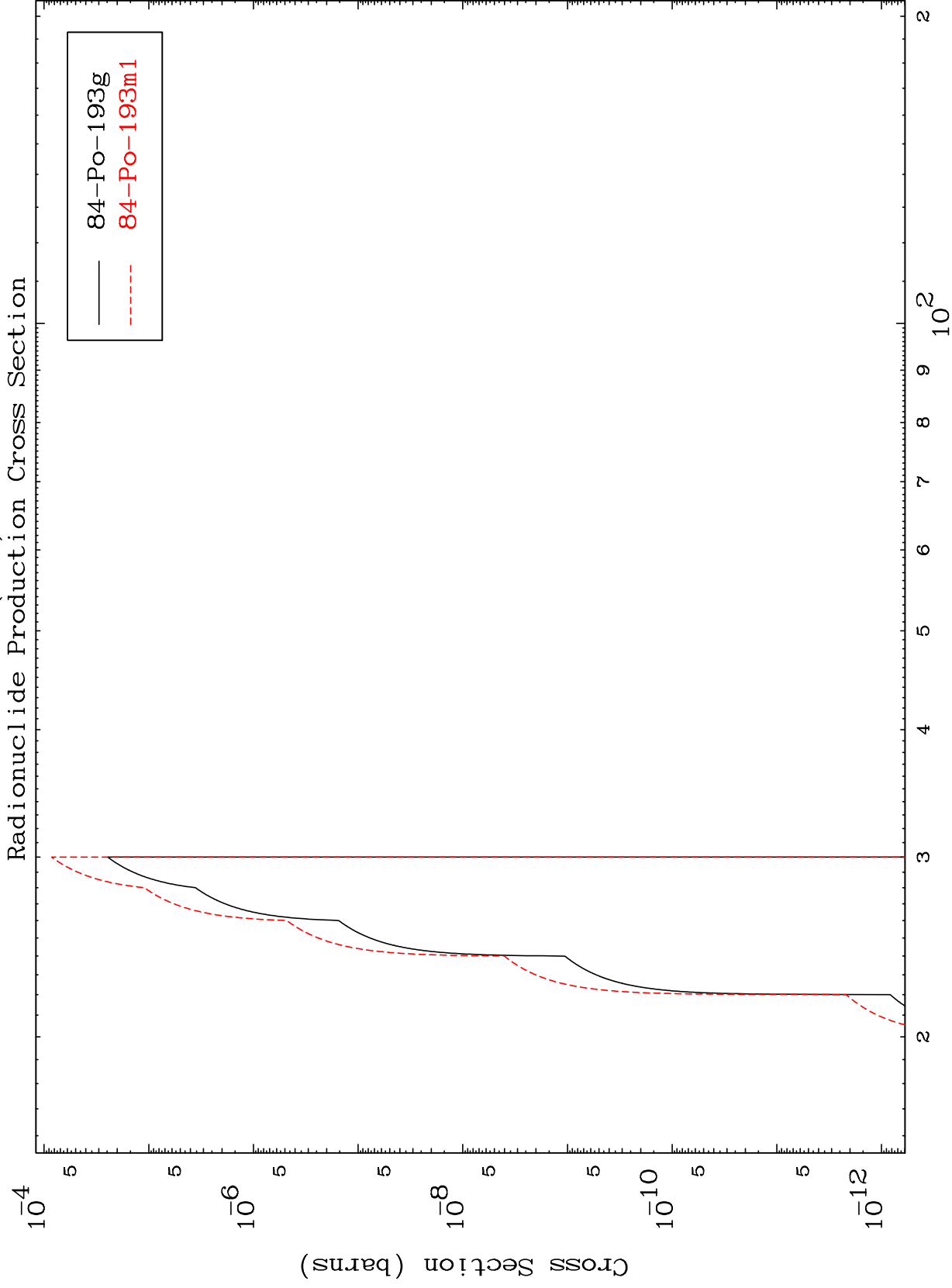
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n,d)
Radionuclide Production Cross Section



15

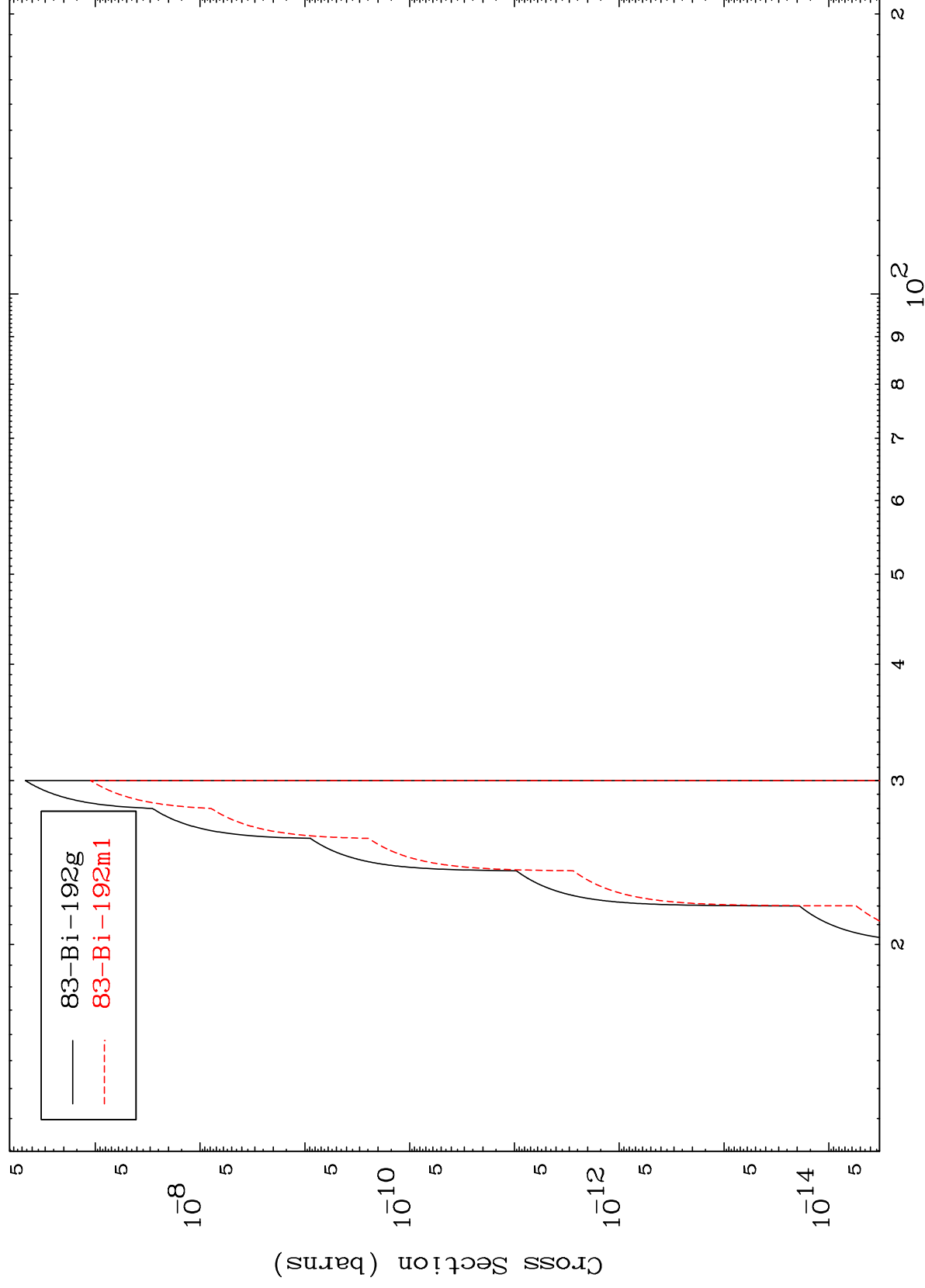
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n,He-3)
Radionuclide Production Cross Section



16

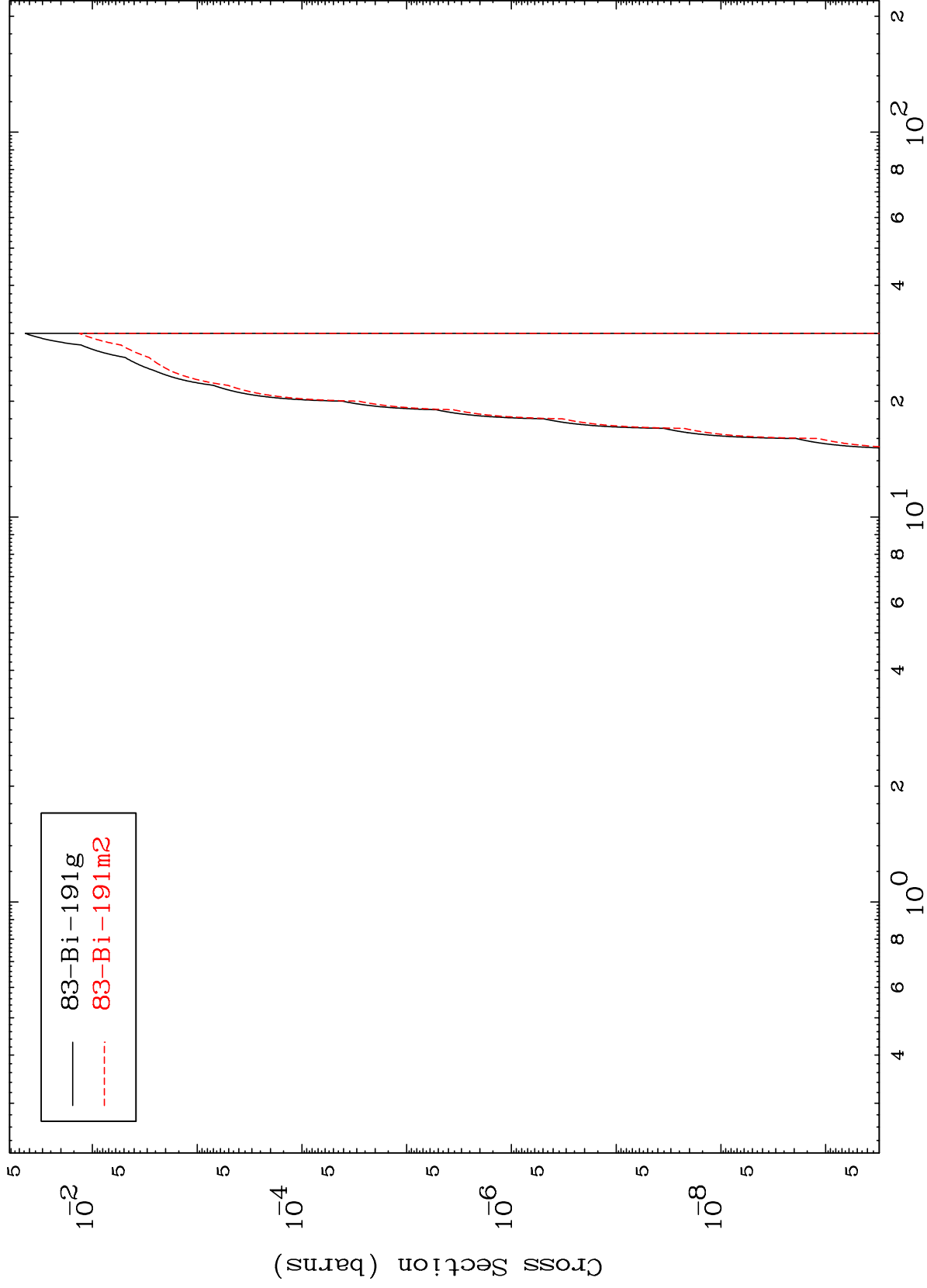
83-Bi-191

Incident Energy (MeV)

MAT 8271

83-Bi-191

Radionuclide Production Cross Section



17

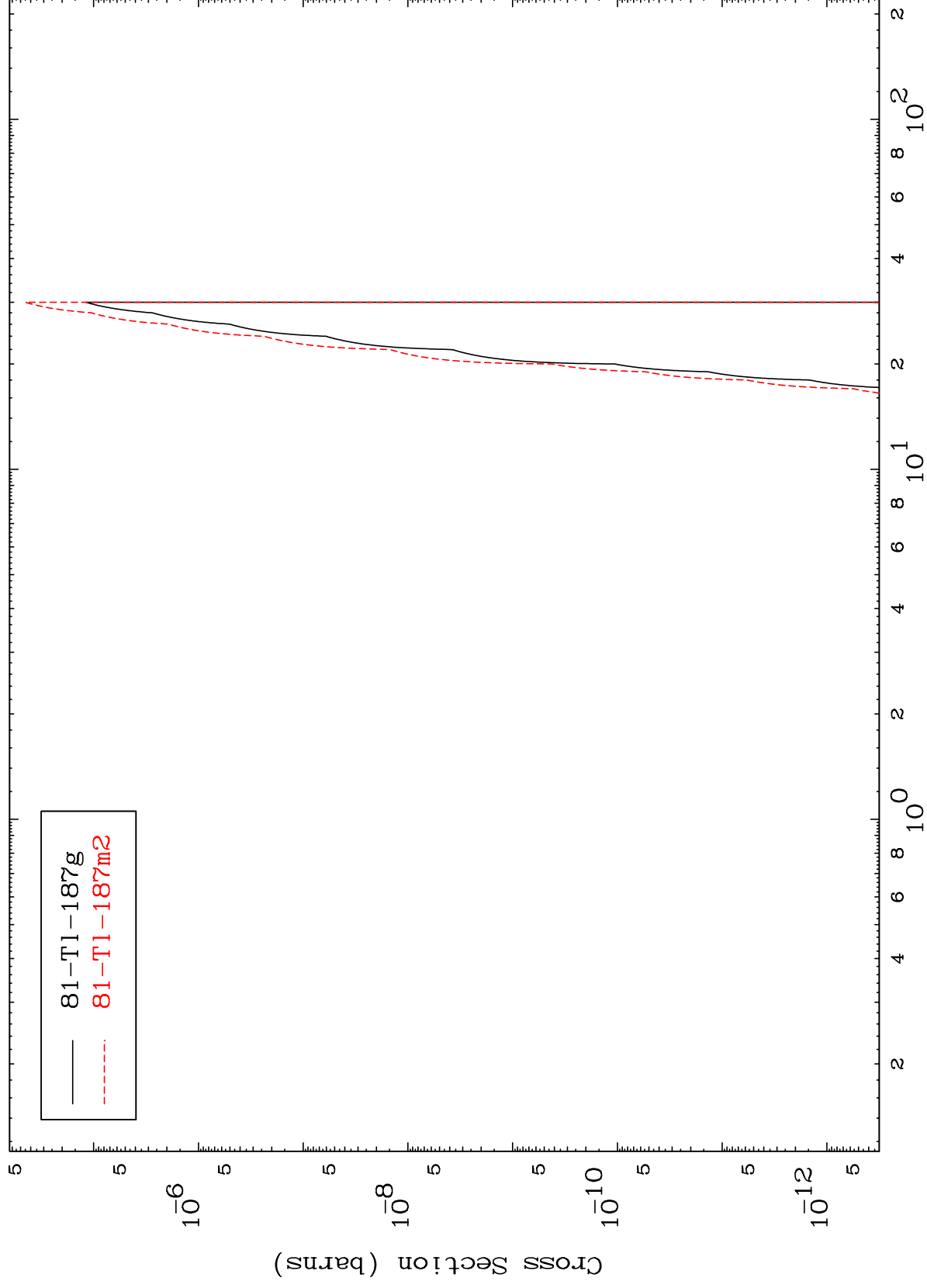
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

Radionuclide Production Cross Section
(n,2 α)



18

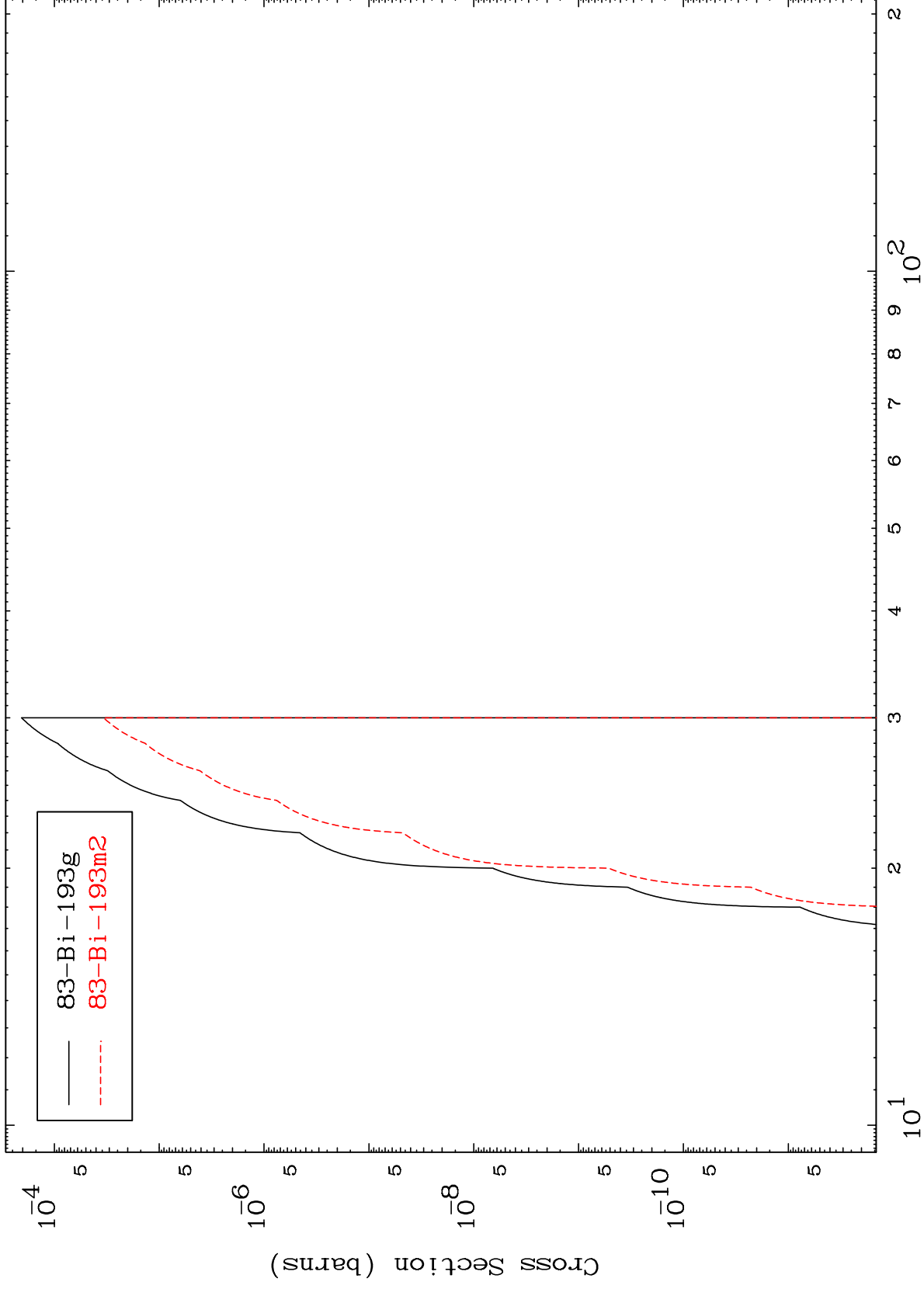
83-Bi-191

Incident Energy (MeV)

MAT 8271

83-Bi-191

(n,2p)
Radionuclide Production Cross Section



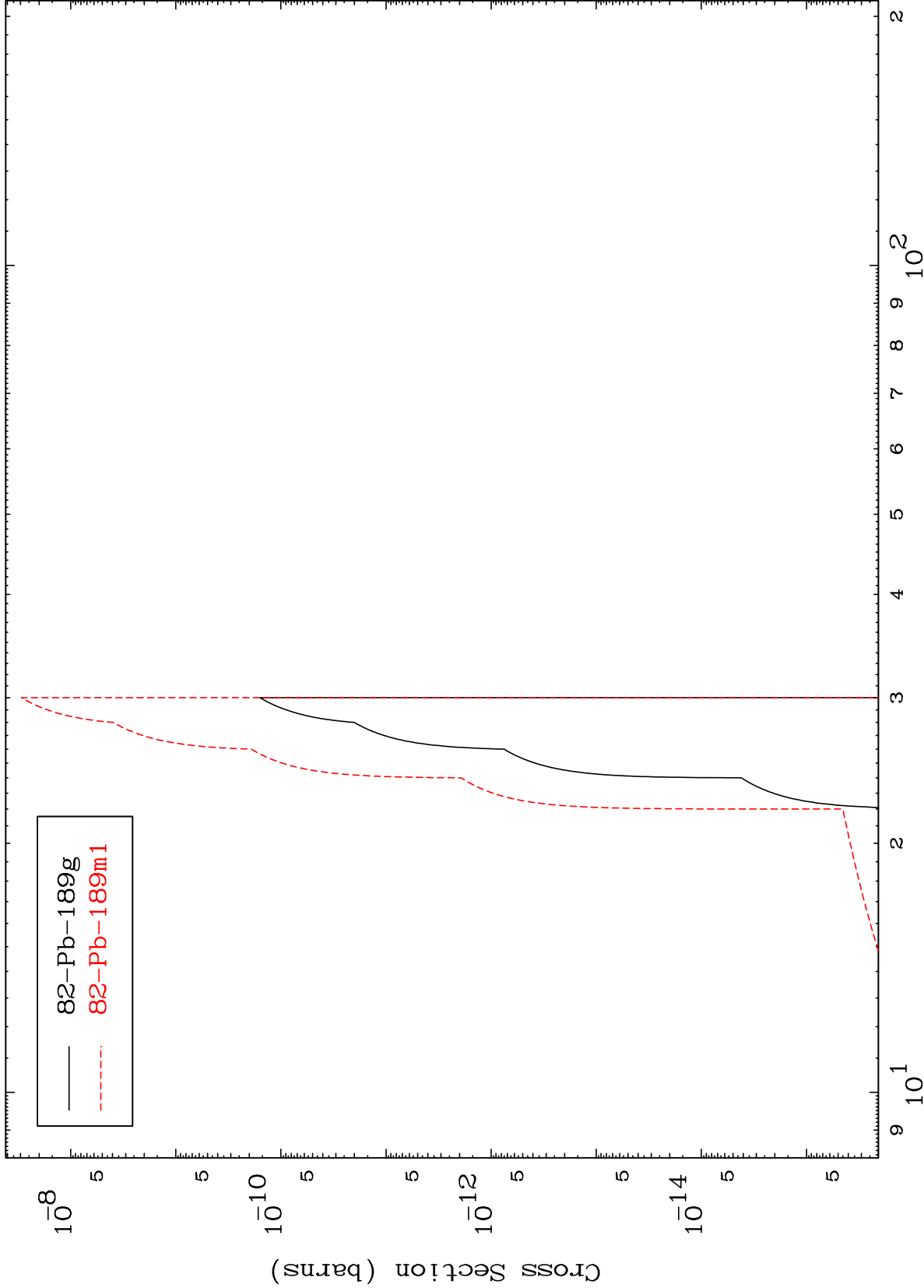
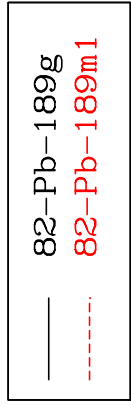
83-Bi-193g
83-Bi-193m2

MAT 8271

(n,d) α

83-Bi-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

83-Bi-191