

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

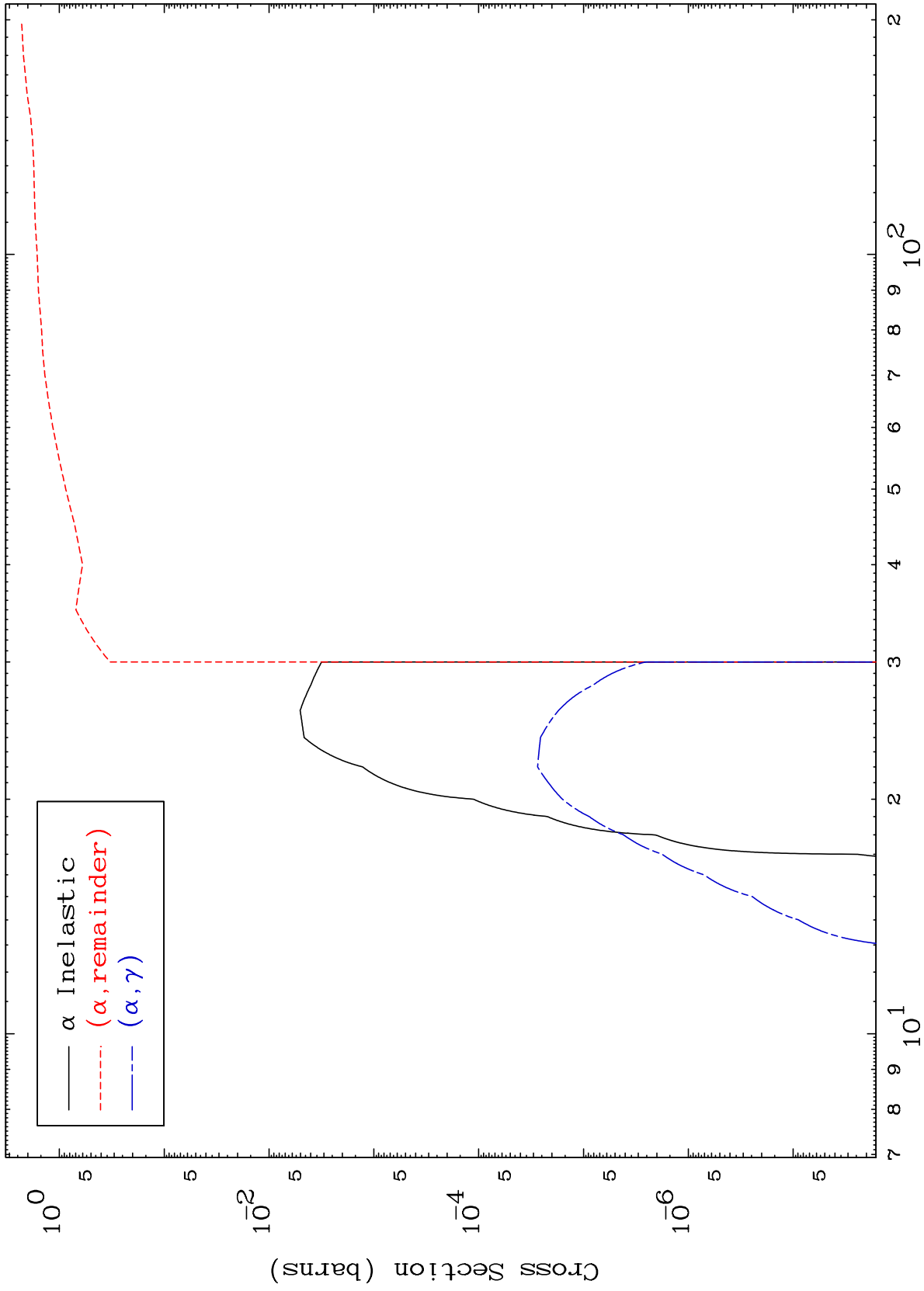
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8269

0 Kelvin α Major
Cross Sections

83-Bi-190



1

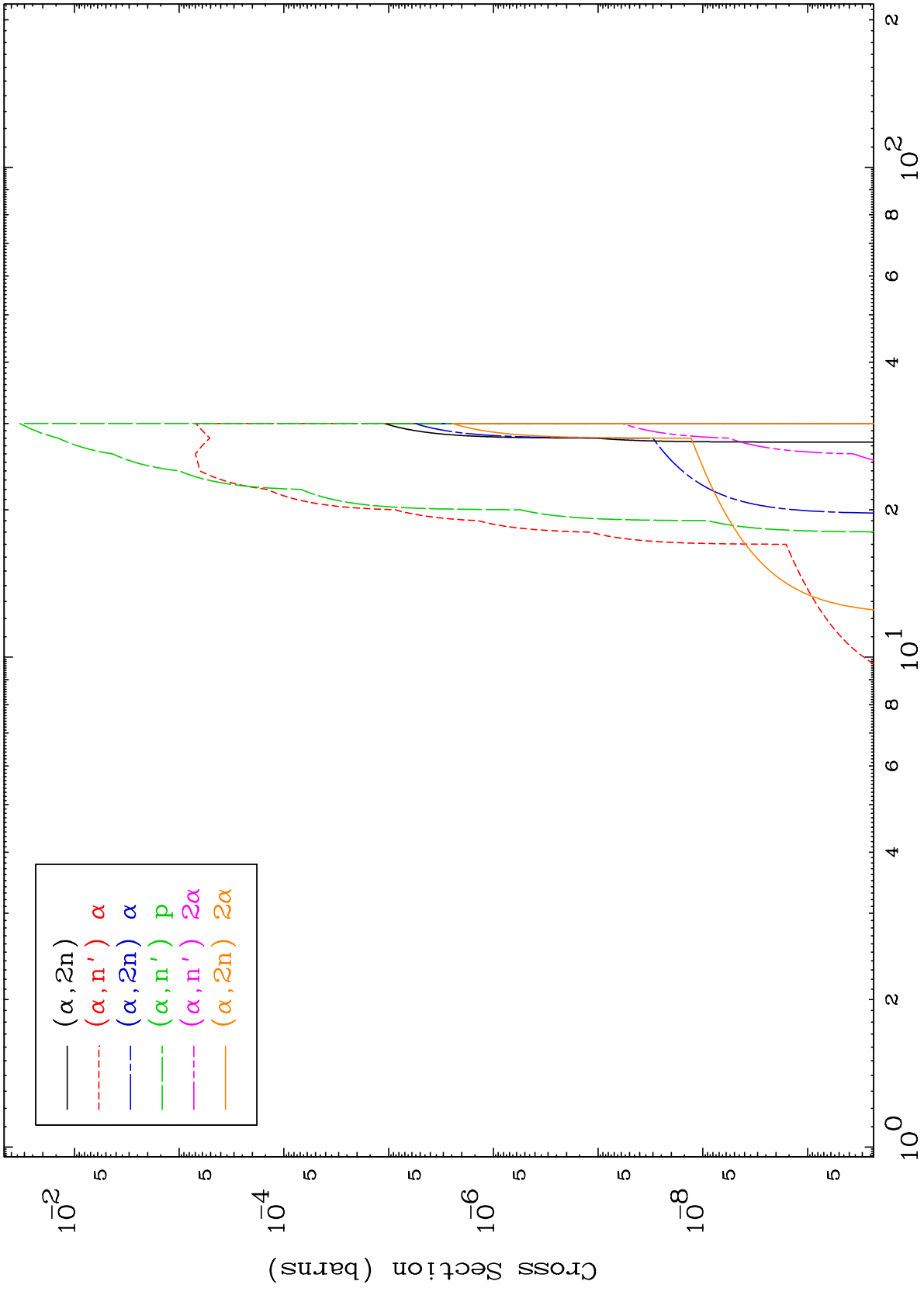
Incident Energy (MeV)

83-Bi-190

MAT 8269

α Neutron Production
0 Kelvin Cross Sections

83-Bi-190



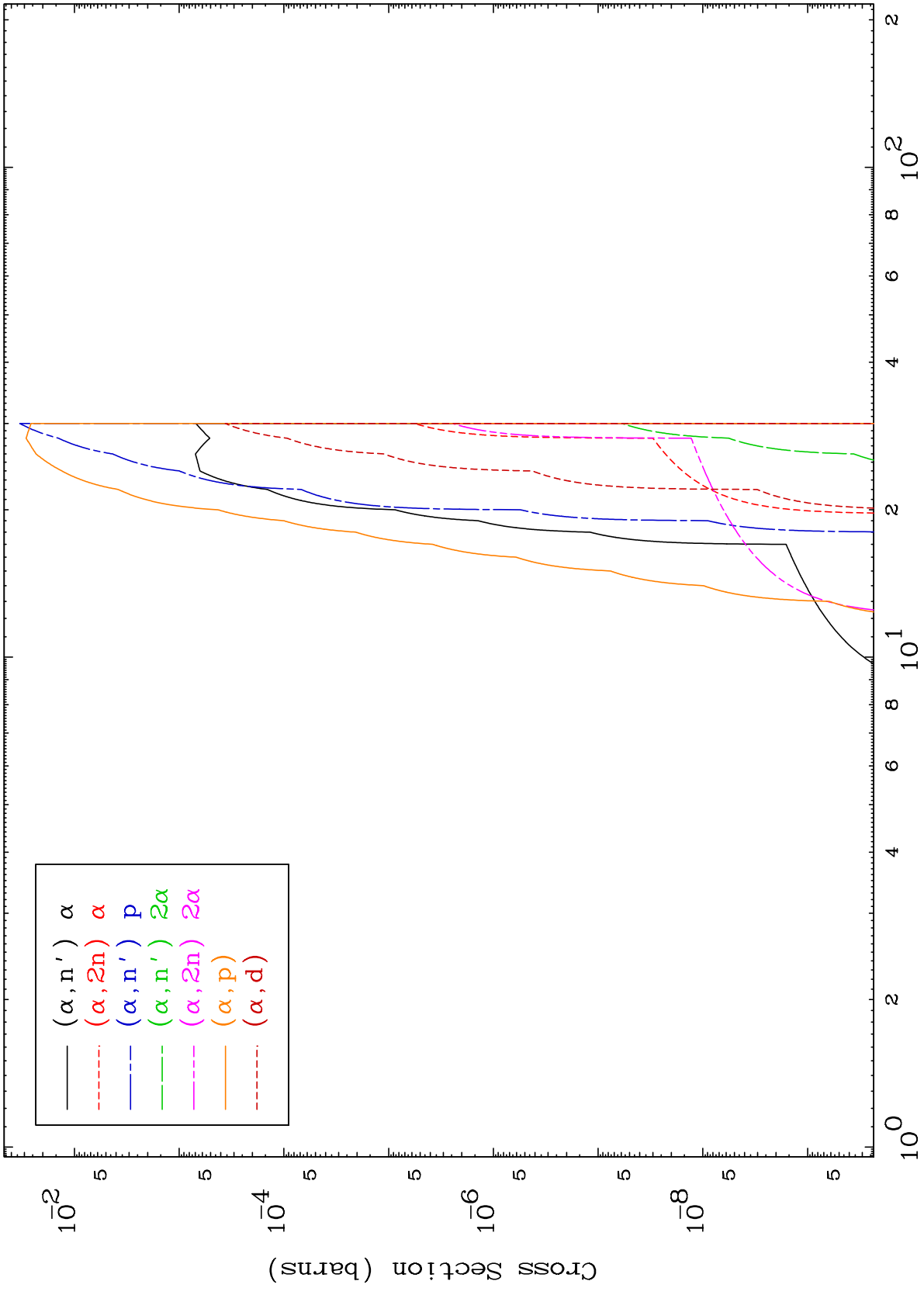
Incident Energy (MeV)

83-Bi-190

MAT 8269

α Charged Particle
0 Kelvin Cross Sections

83-Bi-190



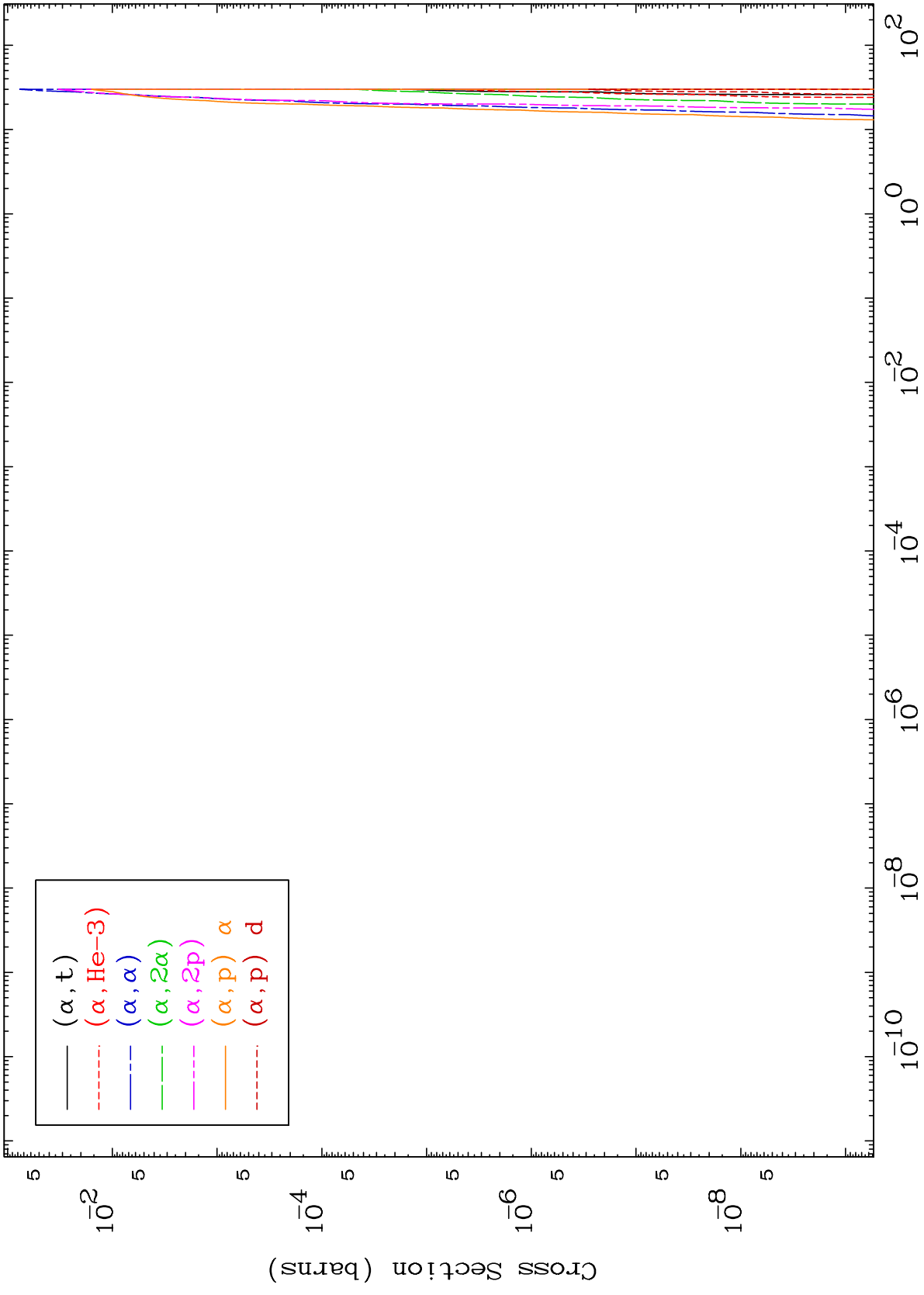
Incident Energy (MeV)

83-Bi-190

MAT 8269

α Charged Particle
0 Kelvin Cross Sections

83-Bi-190

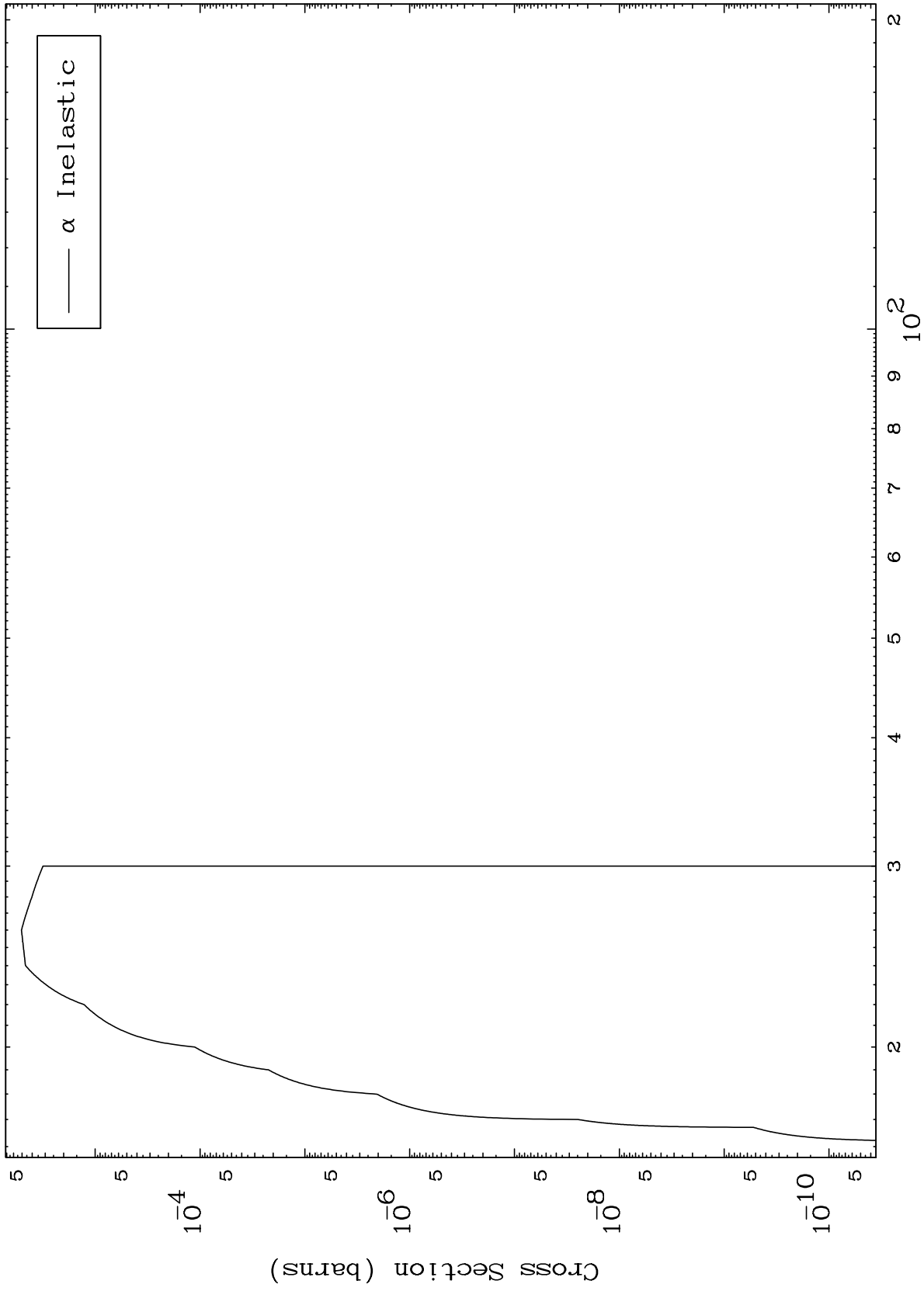


83-Bi-190

MAT 8269

(α, n') Level
0 Kelvin Cross Sections

83-Bi-190



5

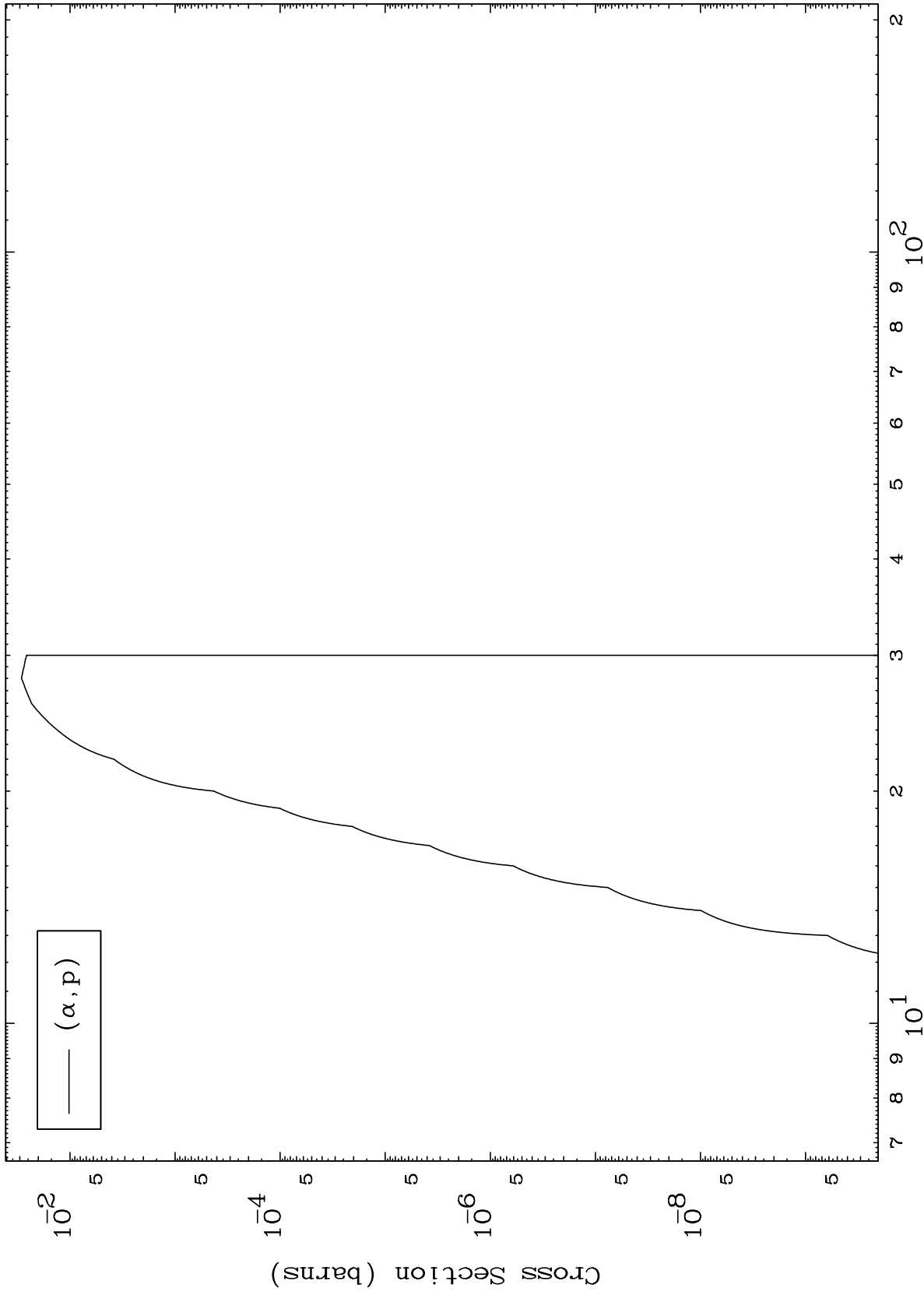
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-190



6

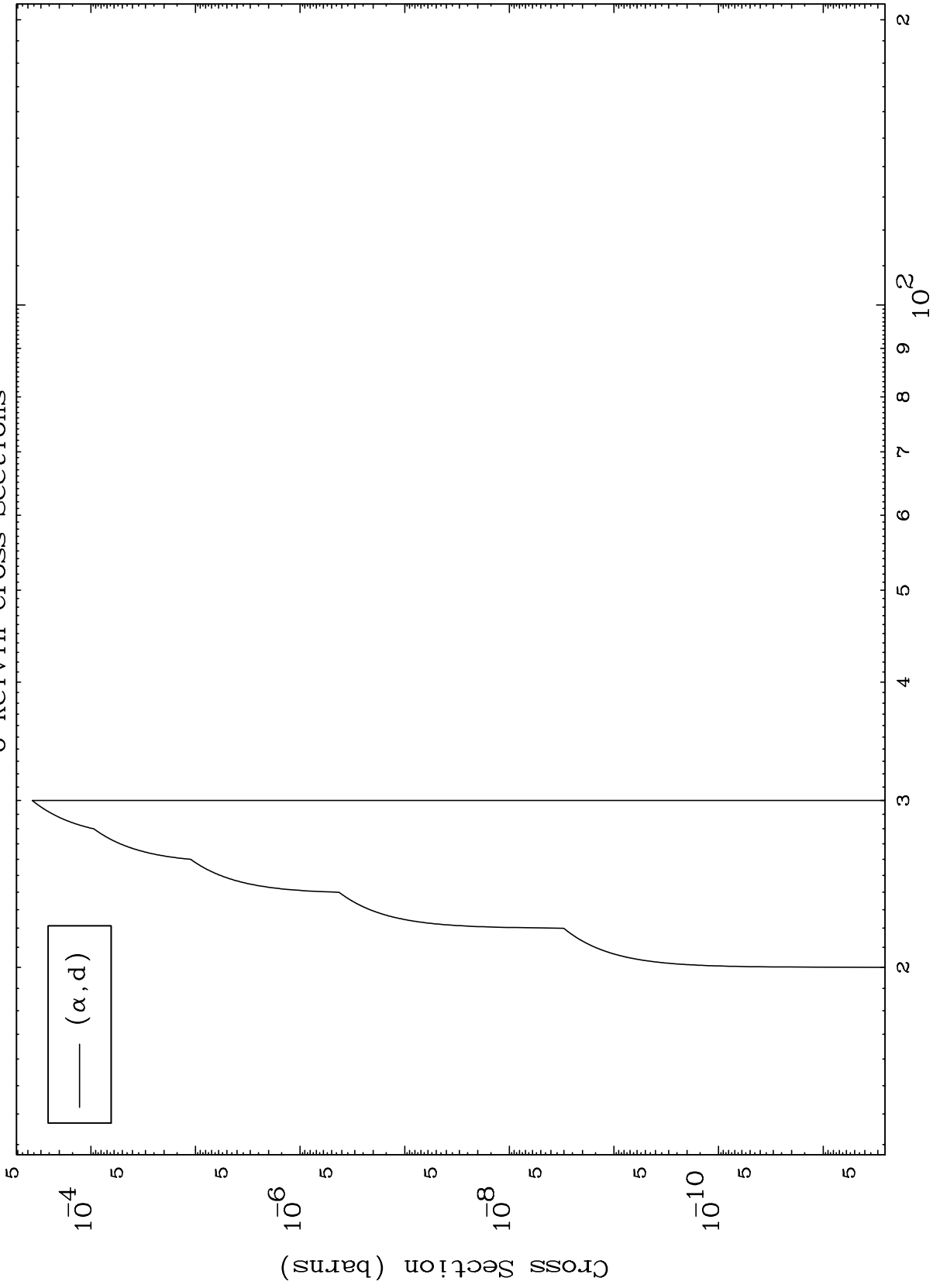
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-190



7

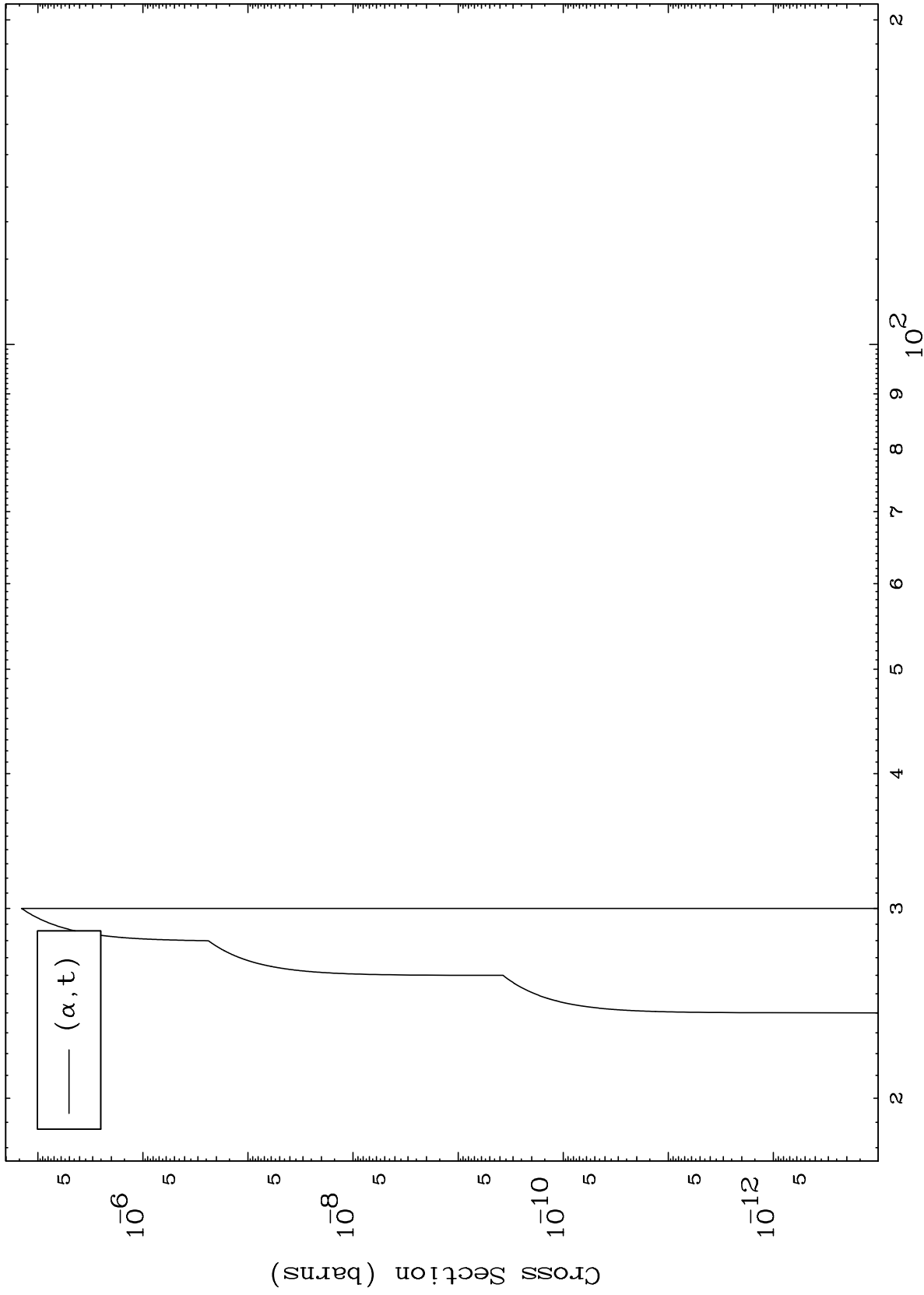
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-190



8

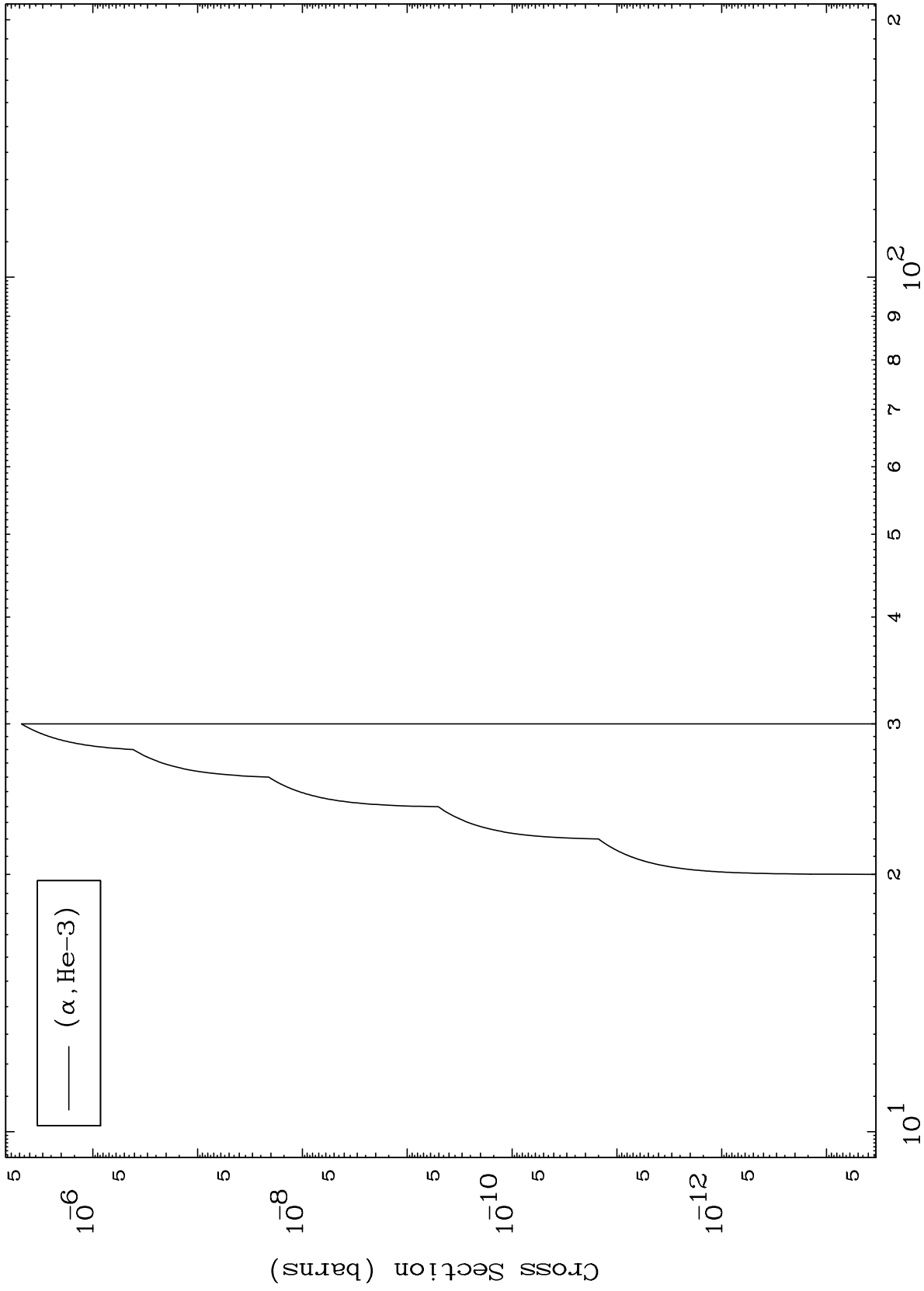
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α ,He3) Levels
0 Kelvin Cross Sections

83-Bi-190



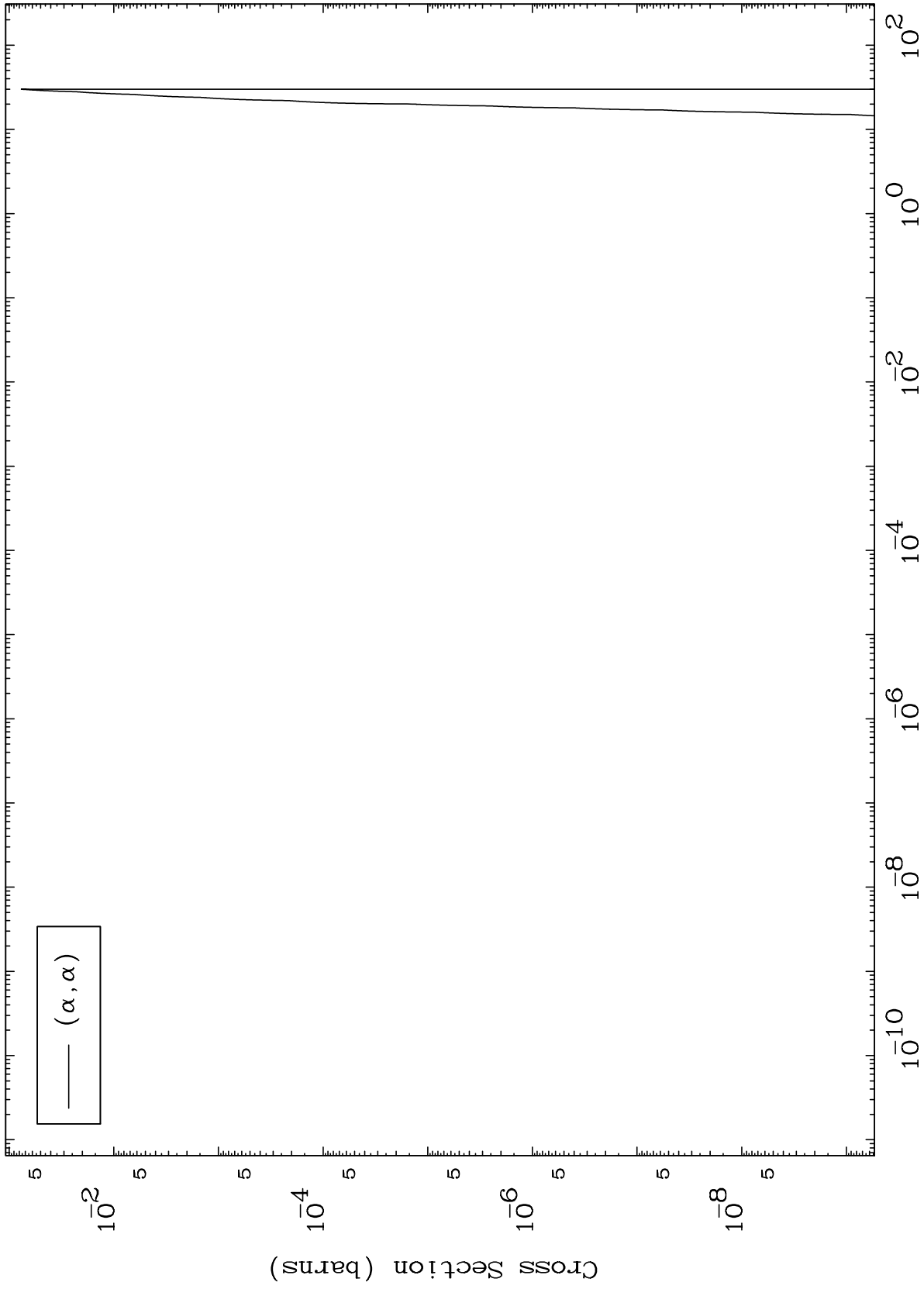
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-190



10

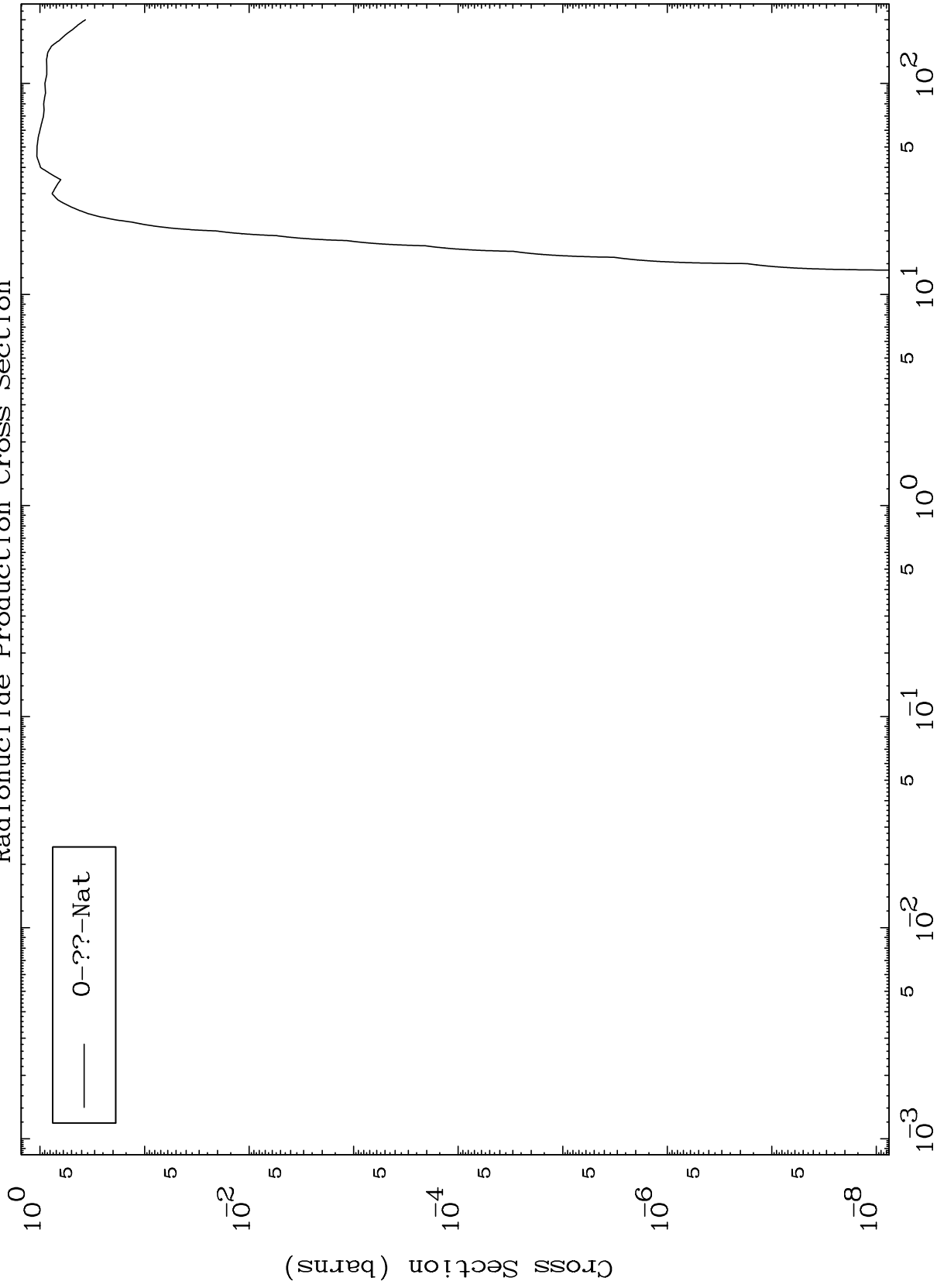
Incident Energy (MeV)

83-Bi-190

MAT 8269

α Fission
Radionuclide Production Cross Section

83-Bi-190



11

Incident Energy (MeV)

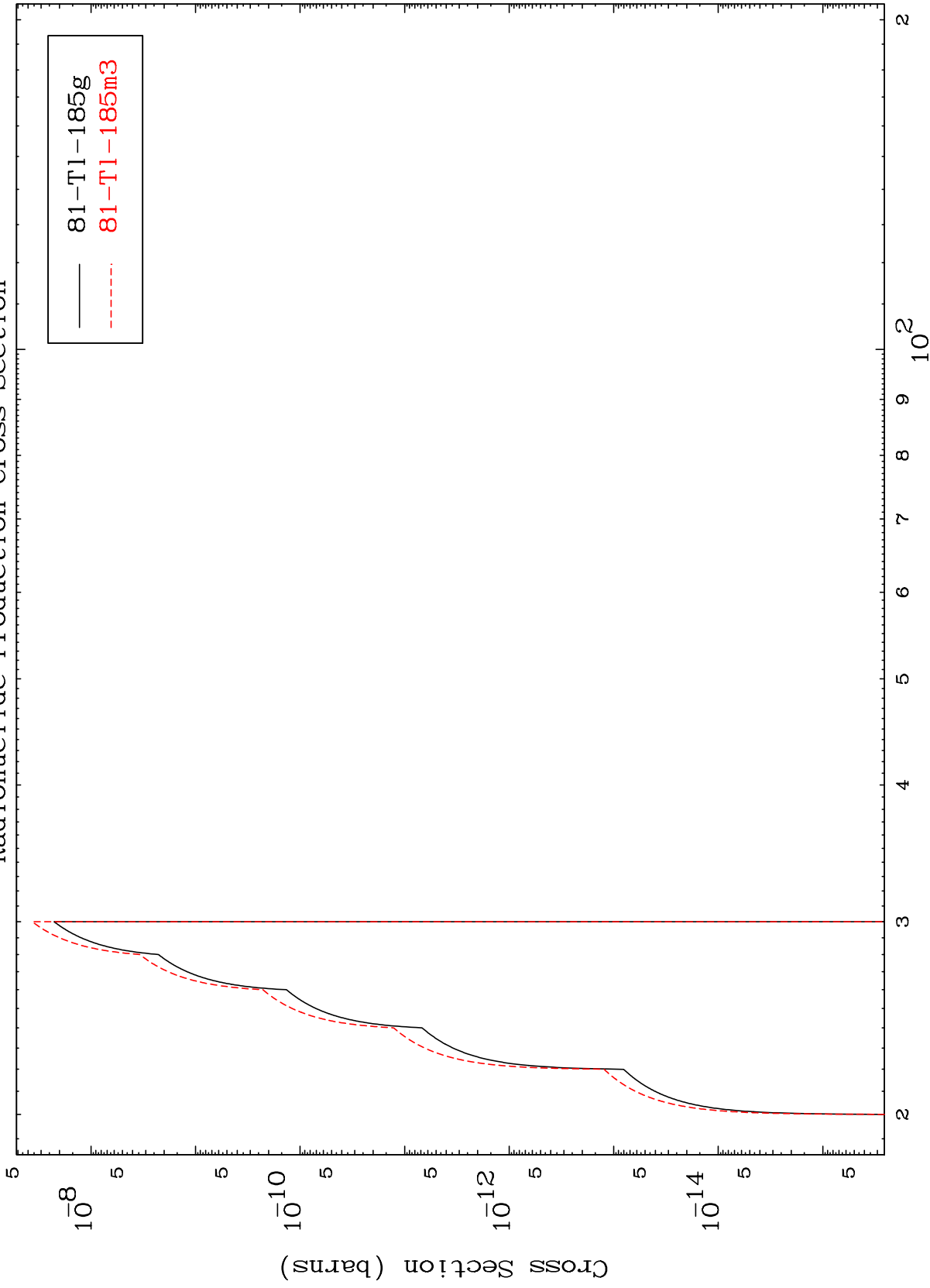
83-Bi-190

MAT 8269

(α, n') 2α

83-Bi-190

Radionuclide Production Cross Section



12

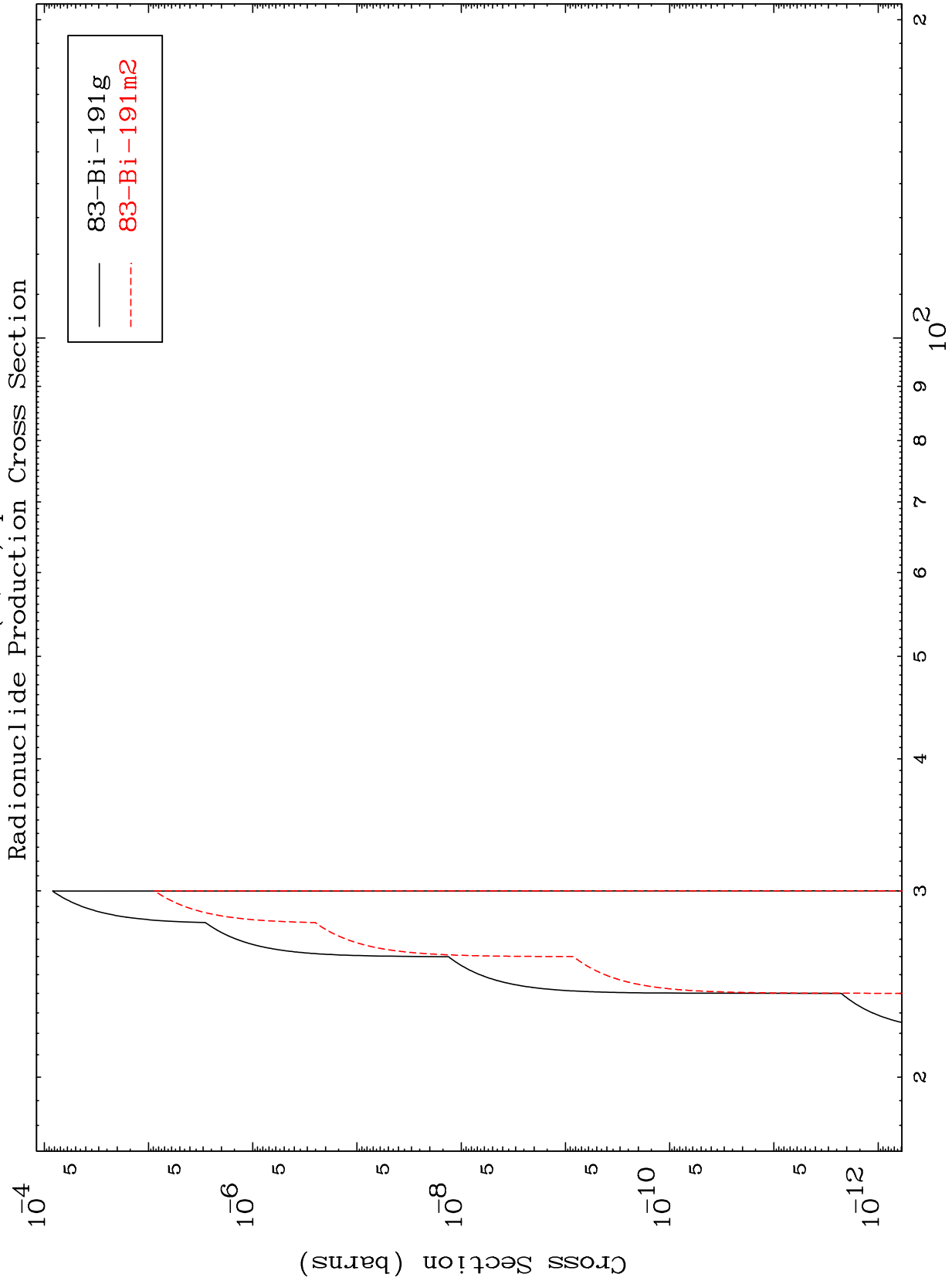
Incident Energy (MeV)

83-Bi-190

MAT 8269

($\alpha, 2n$) p

$^{83}\text{Bi}-190$



13

Incident Energy (MeV)

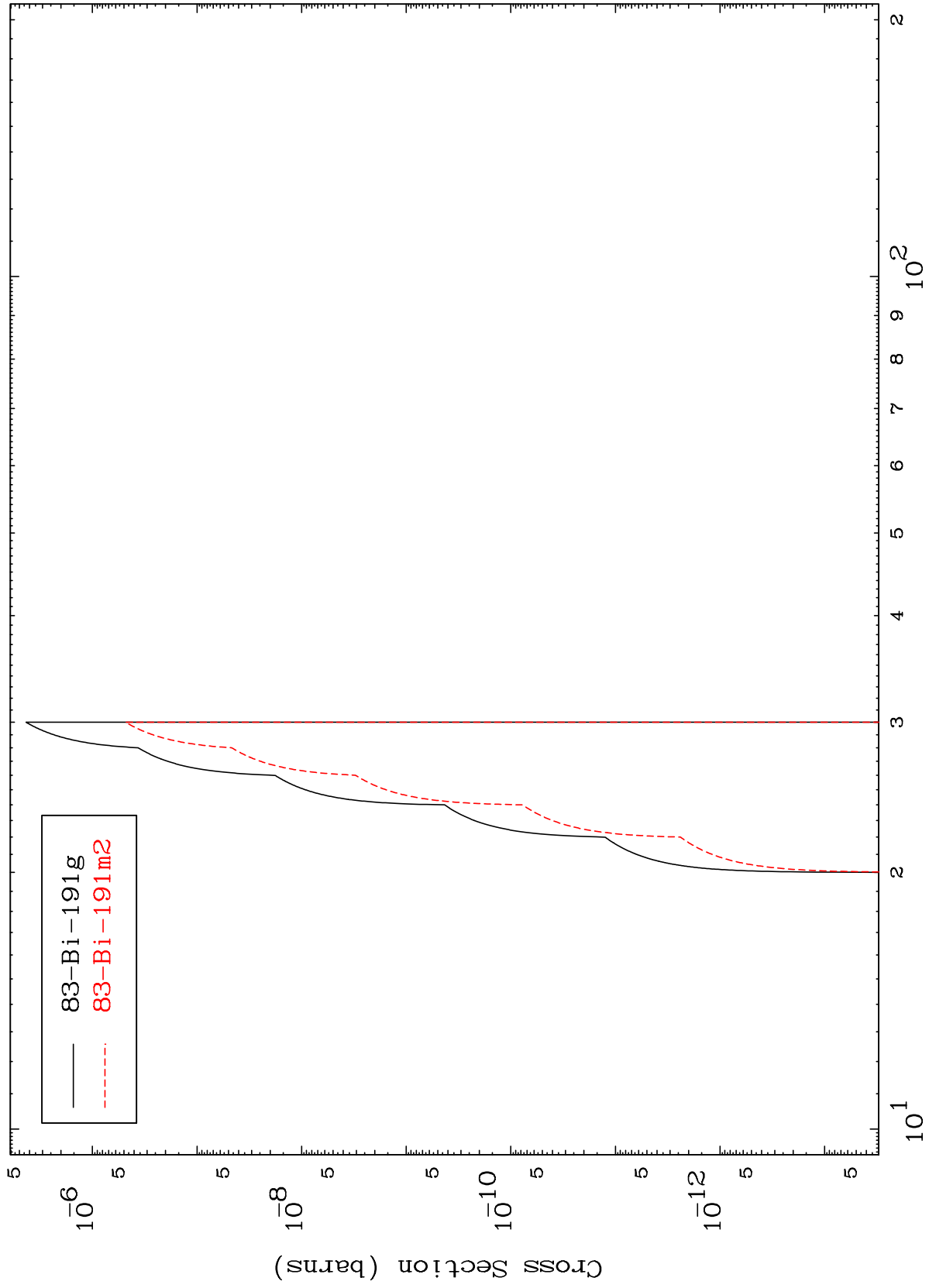
$^{83}\text{Bi}-190$

MAT 8269

($\alpha, \text{He-3}$)

83-Bi-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

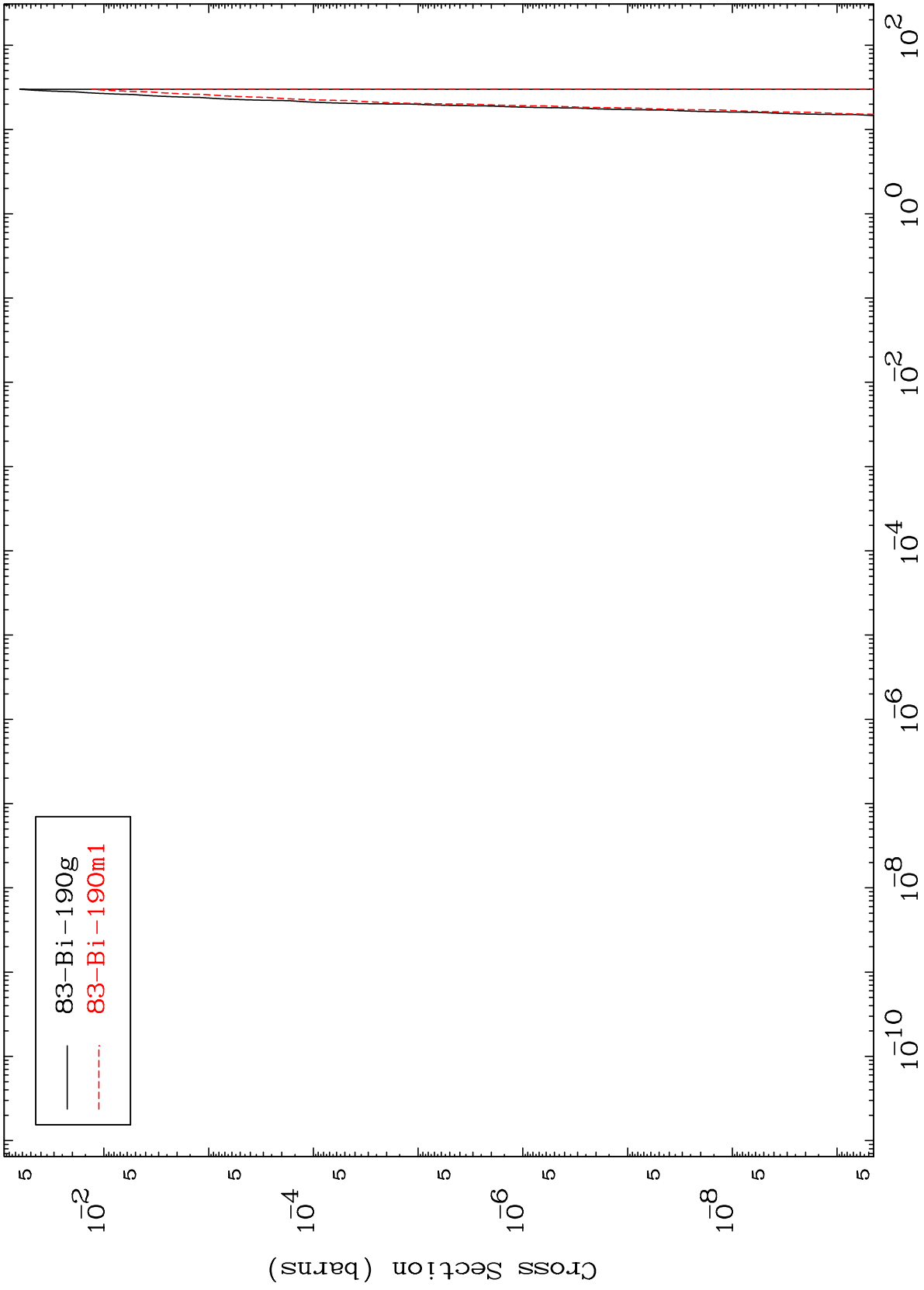
83-Bi-190

MAT 8269

(α, α)

83-Bi-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

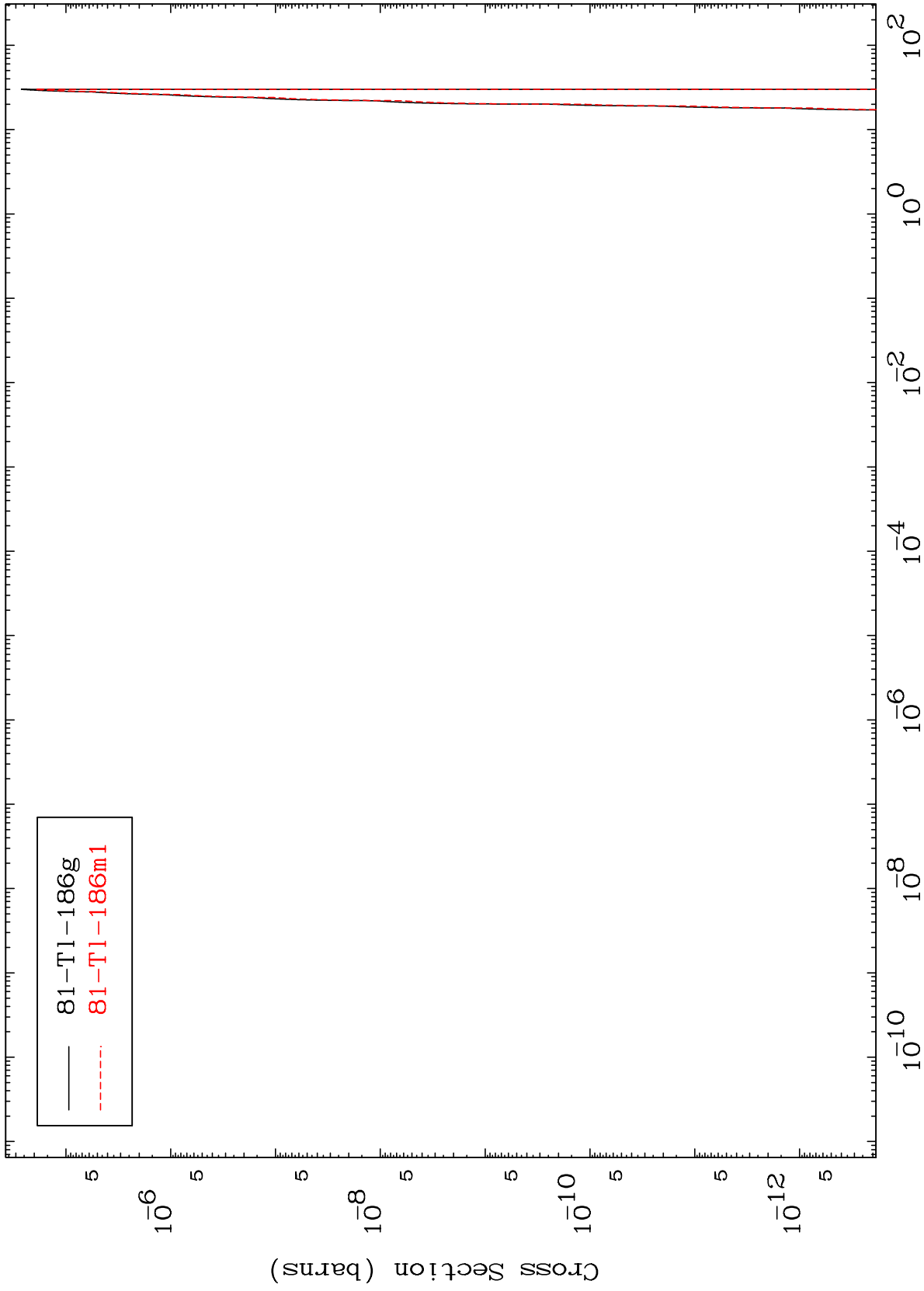
83-Bi-190

MAT 8269

($\alpha, 2\alpha$)

83-Bi-190

Radionuclide Production Cross Section



16

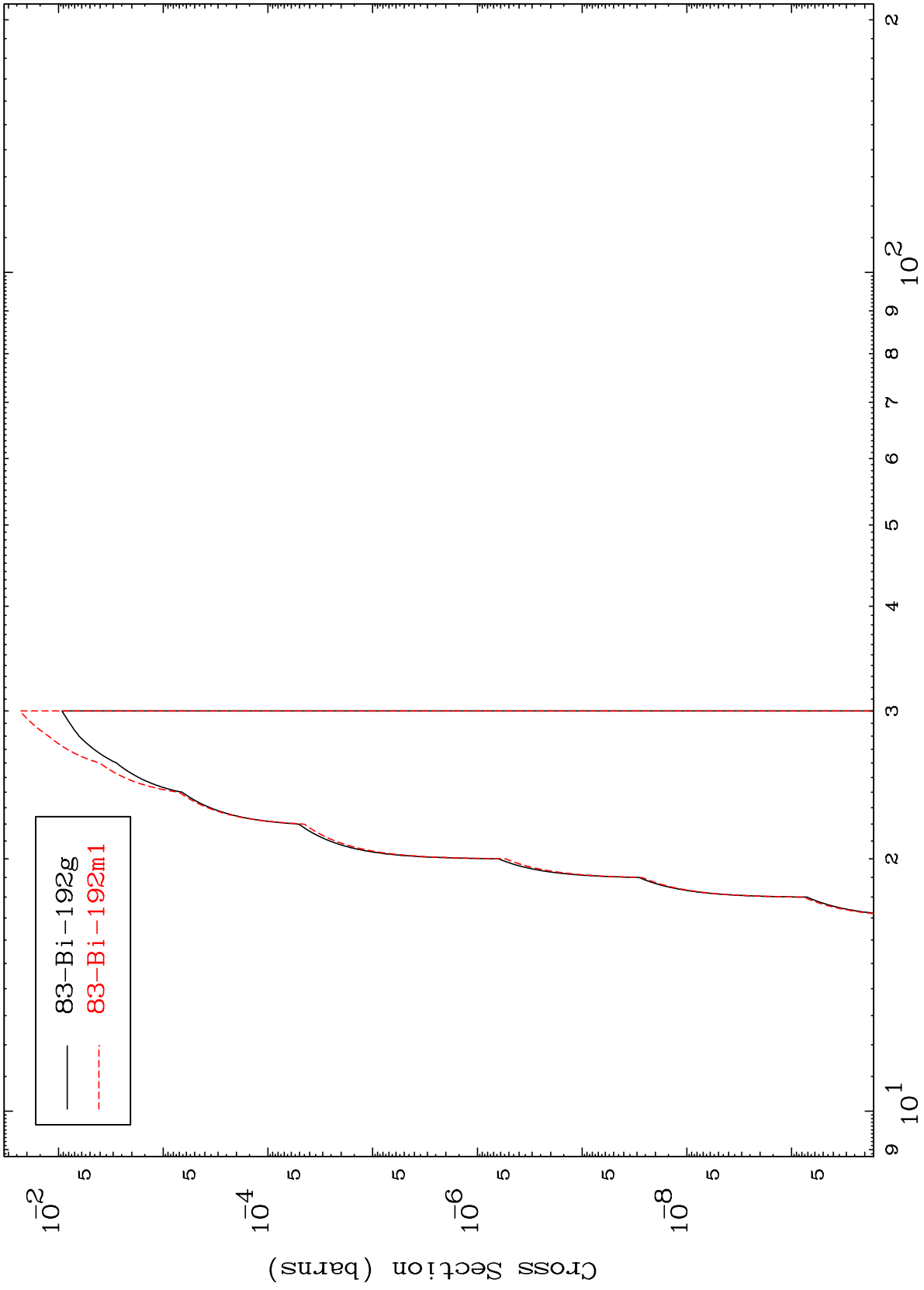
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

Radionuclide Production Cross Section
($\alpha, 2p$)



17

Incident Energy (MeV)

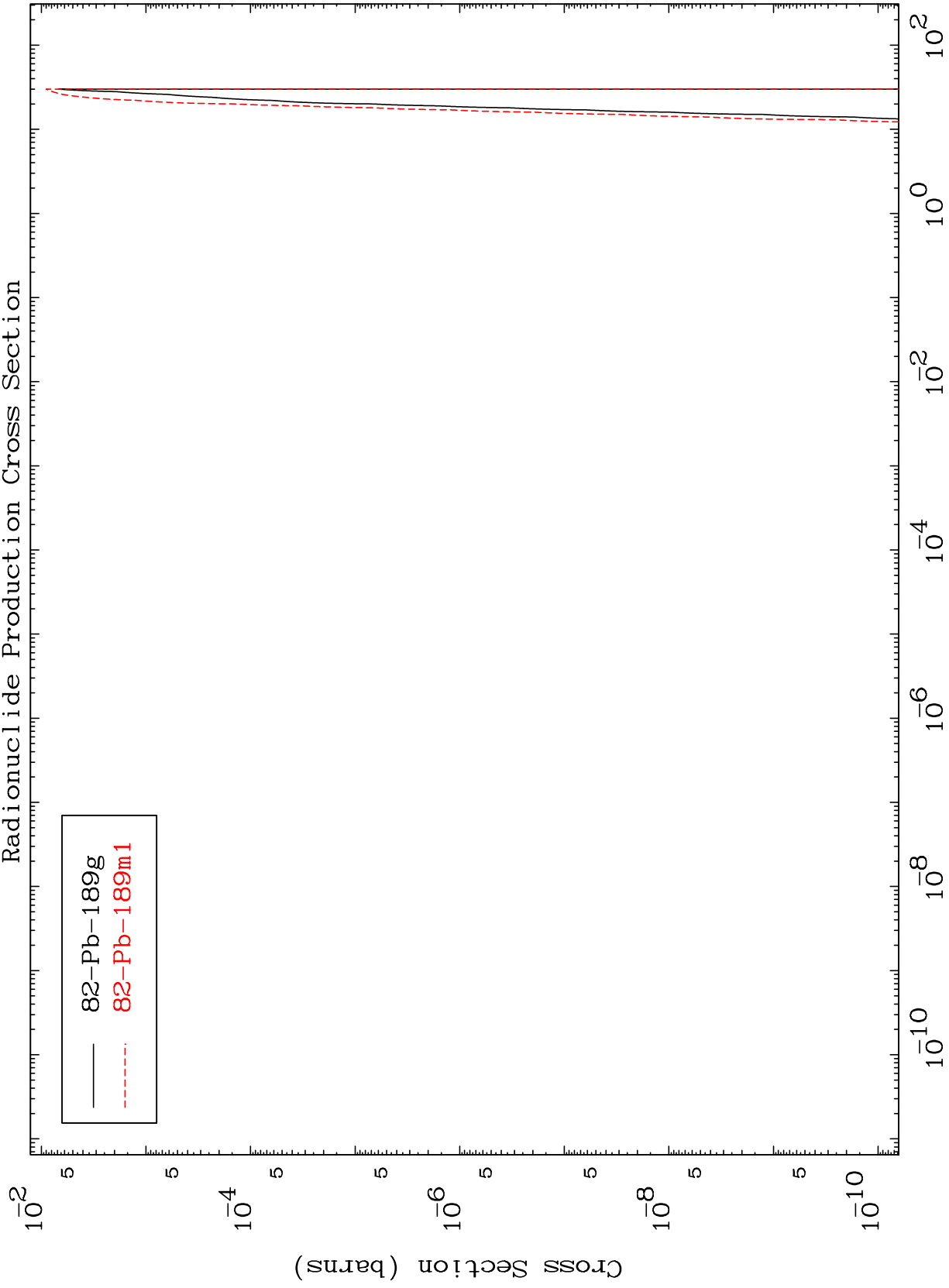
83-Bi-190

MAT 8269

(α, p) α

83-Bi-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

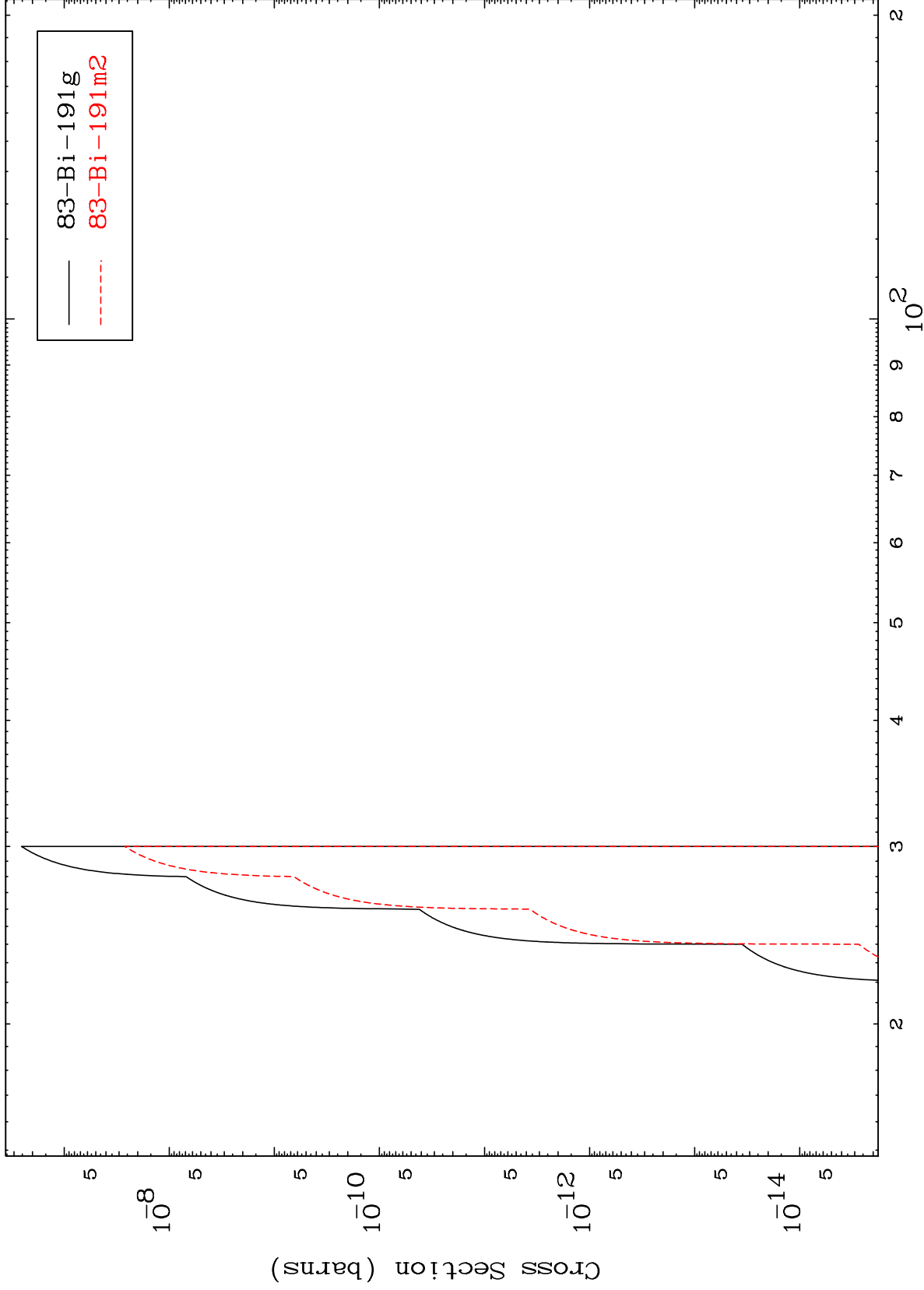
83-Bi-190

MAT 8269

(α, p) d

83-Bi-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

83-Bi-190