

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

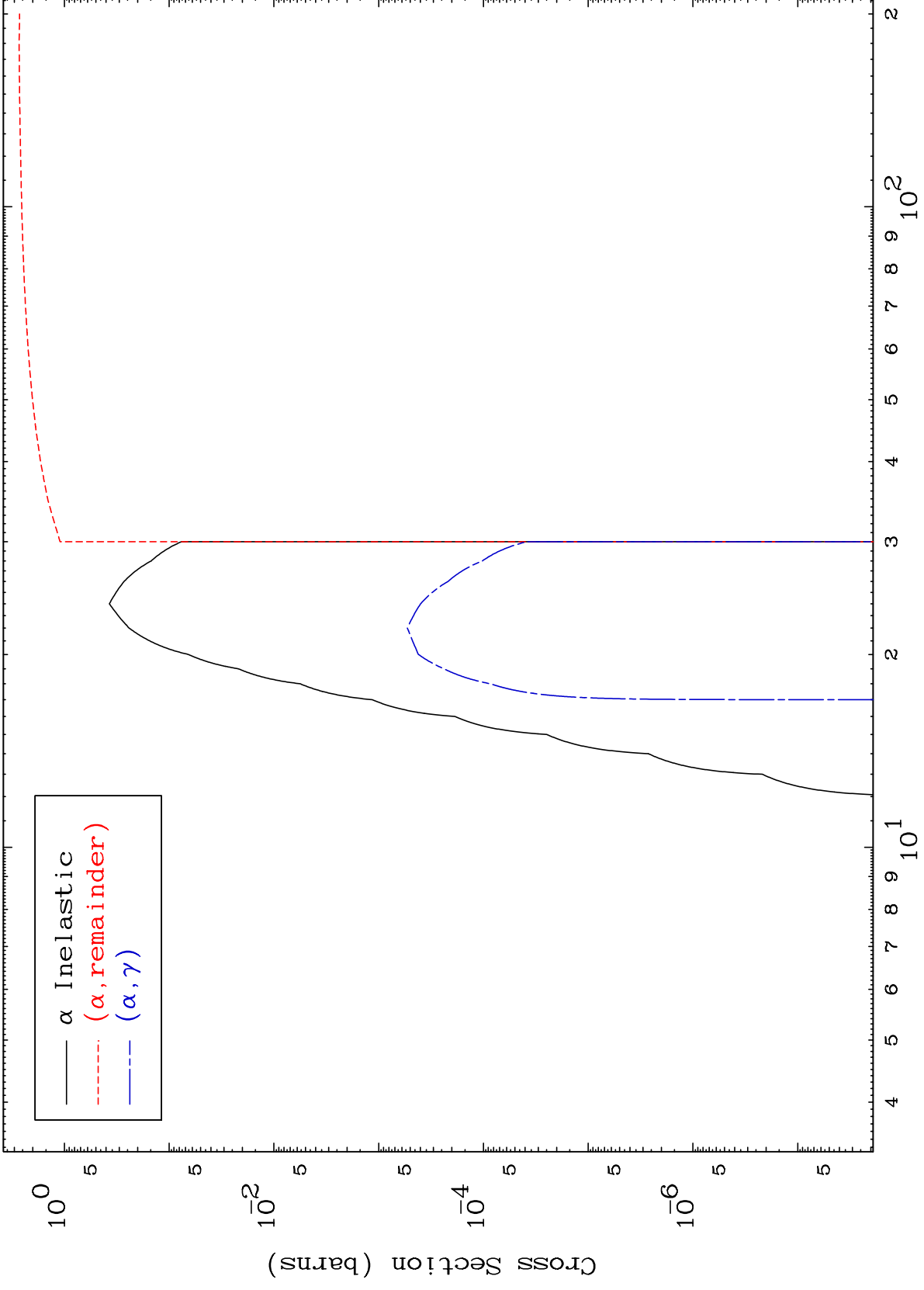
Press Mouse Button to Start

MAT 7904

α Major

79-Au-190

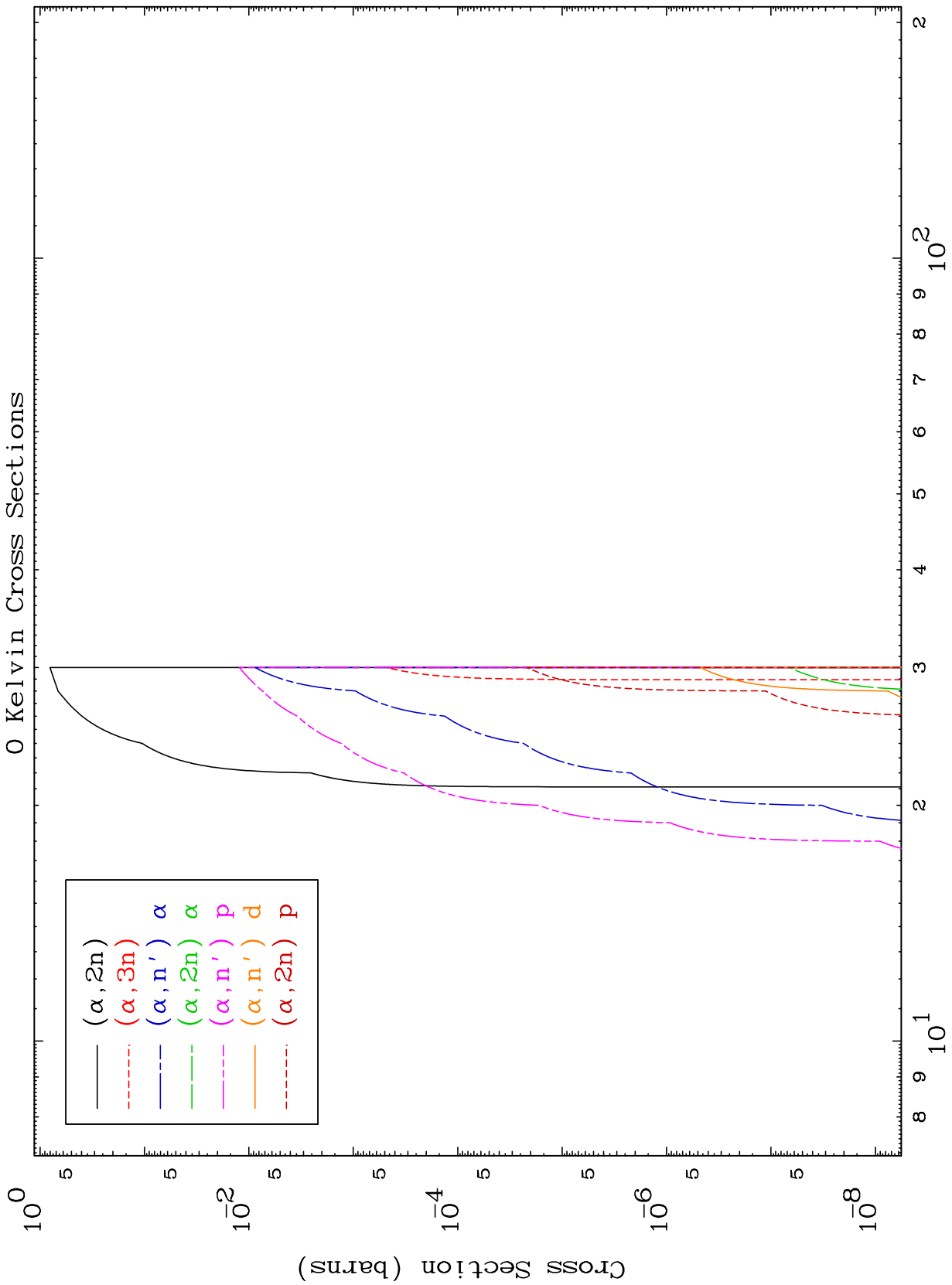
0 Kelvin Cross Sections



MAT 7904

α Neutron Production
0 Kelvin Cross Sections

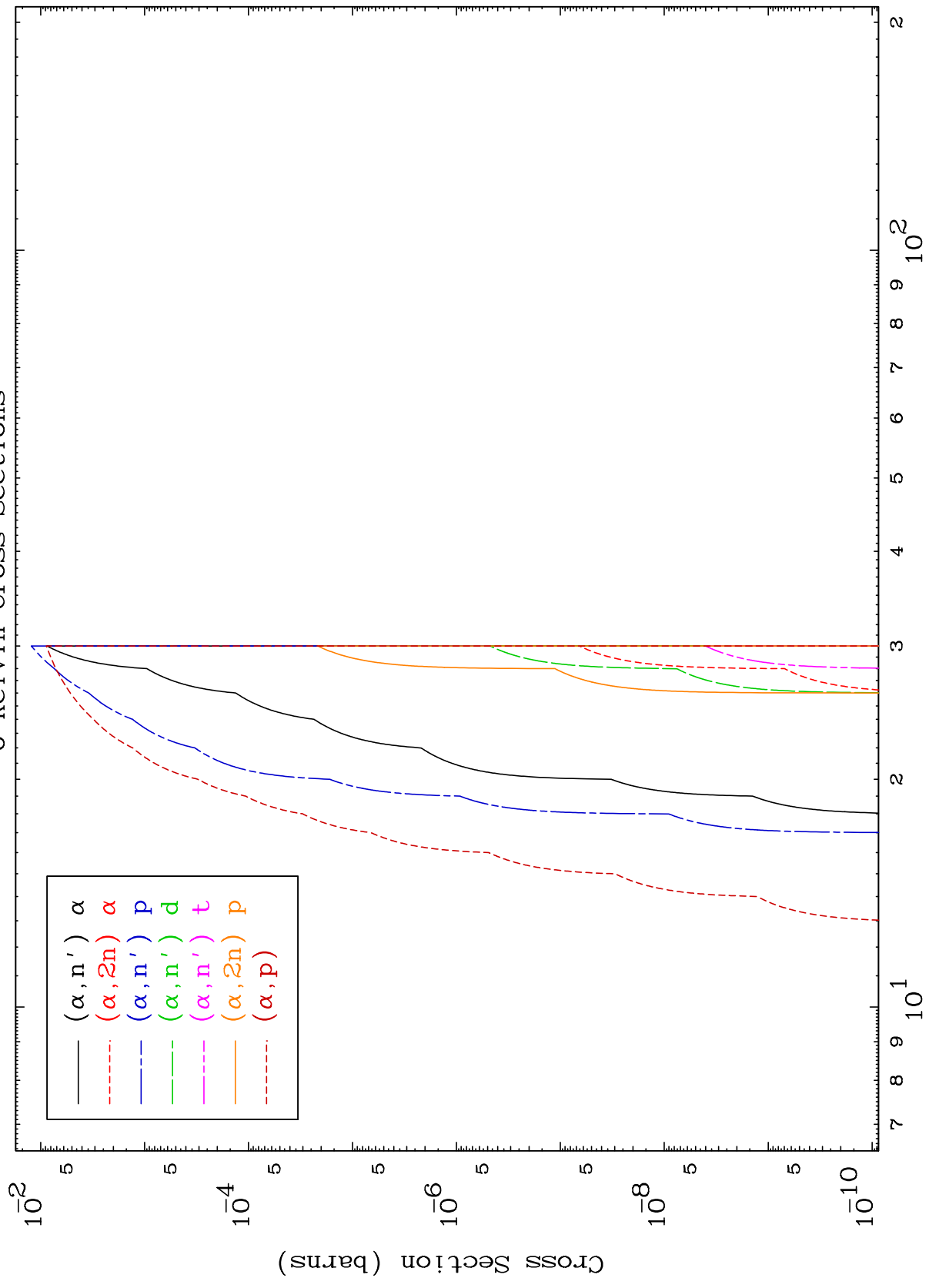
79-Au-190



Incident Energy (MeV)

79-Au-190

2

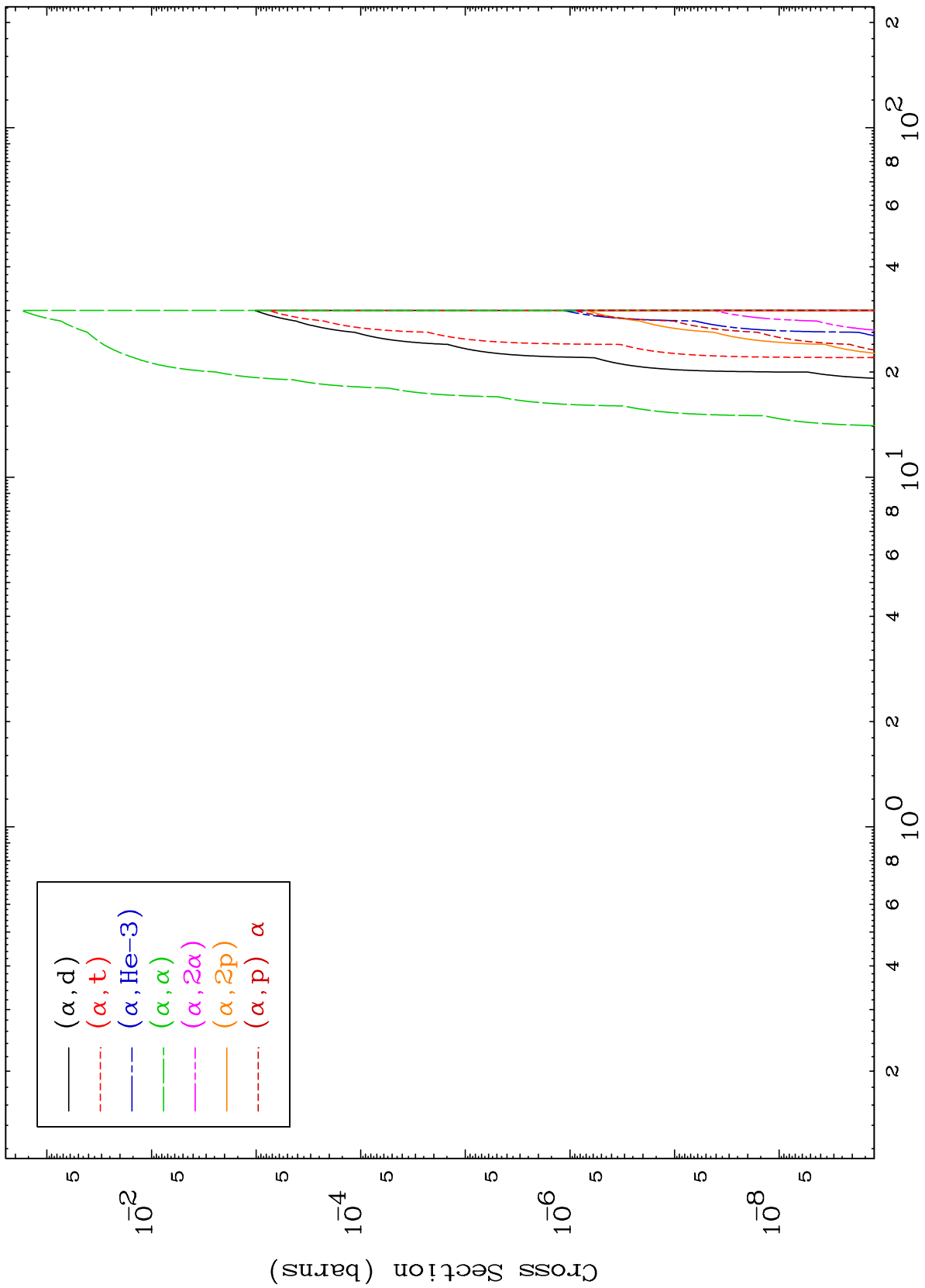


MAT 7904

α Charged Particle

79-Au-190

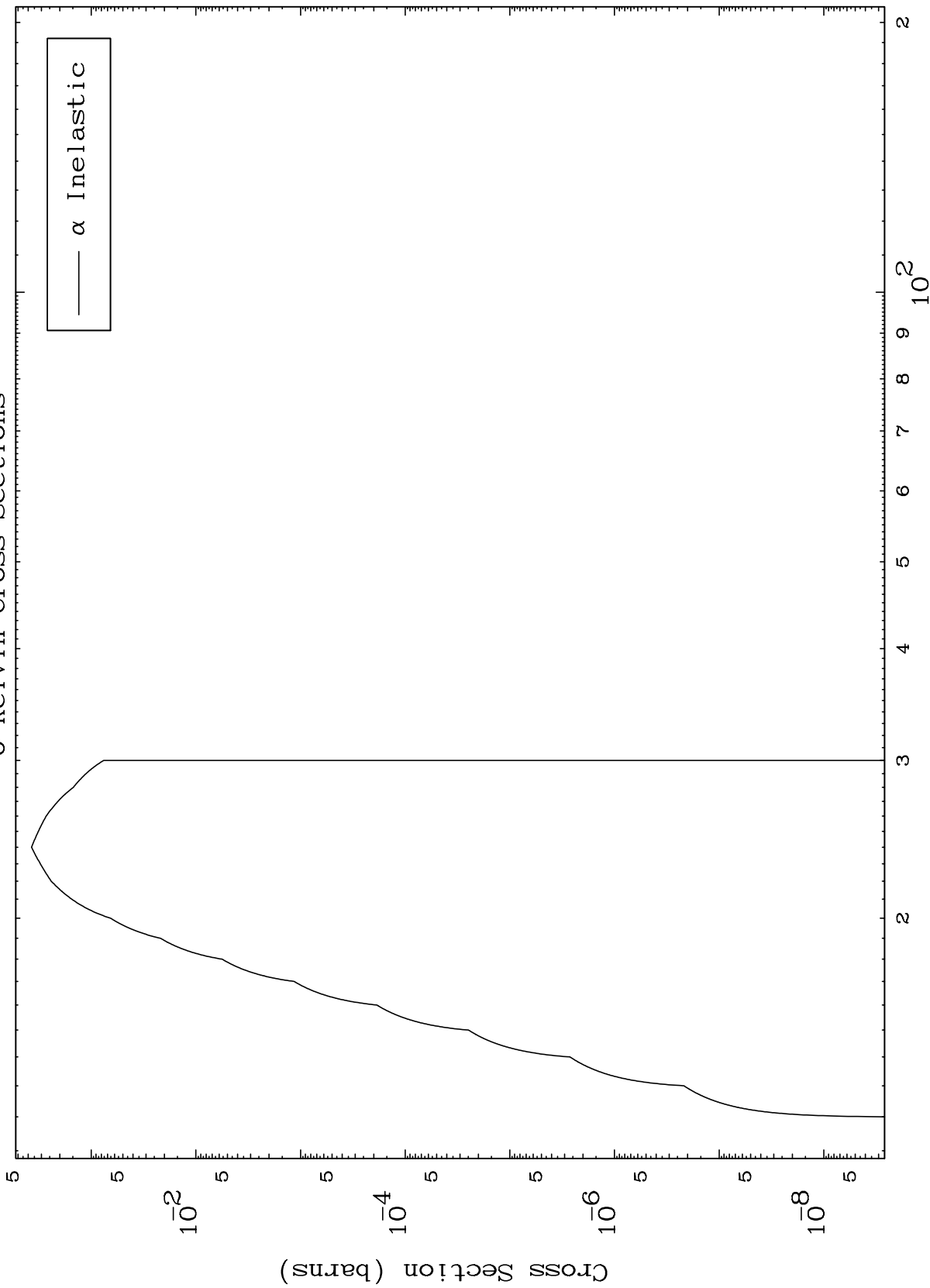
0 Kelvin Cross Sections



MAT 7904

79-Au-190

(α, n') Level
0 Kelvin Cross Sections



79-Au-190

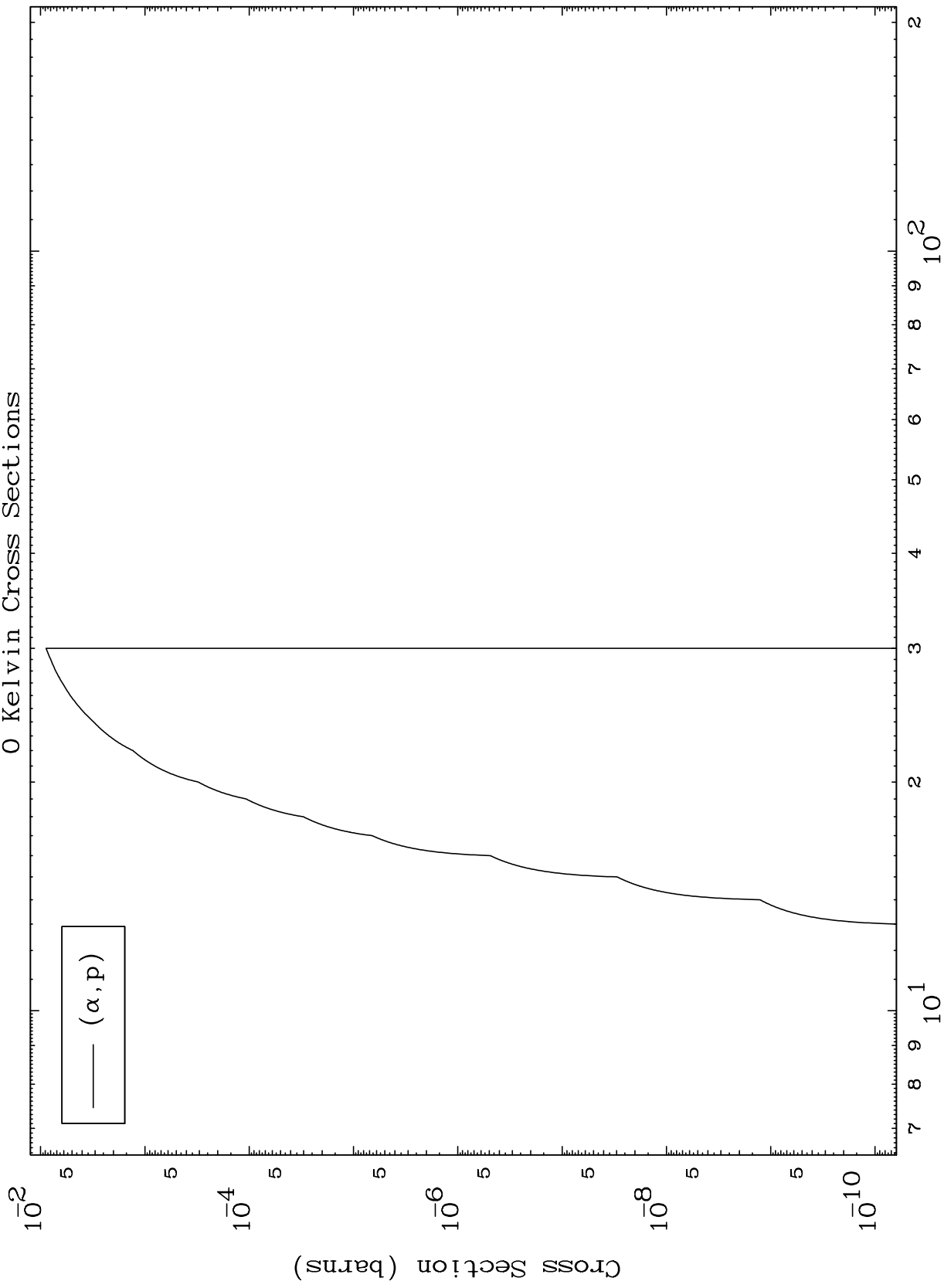
Incident Energy (MeV)

5

MAT 7904

(α, p) Levels
0 Kelvin Cross Sections

79-Au-190



6

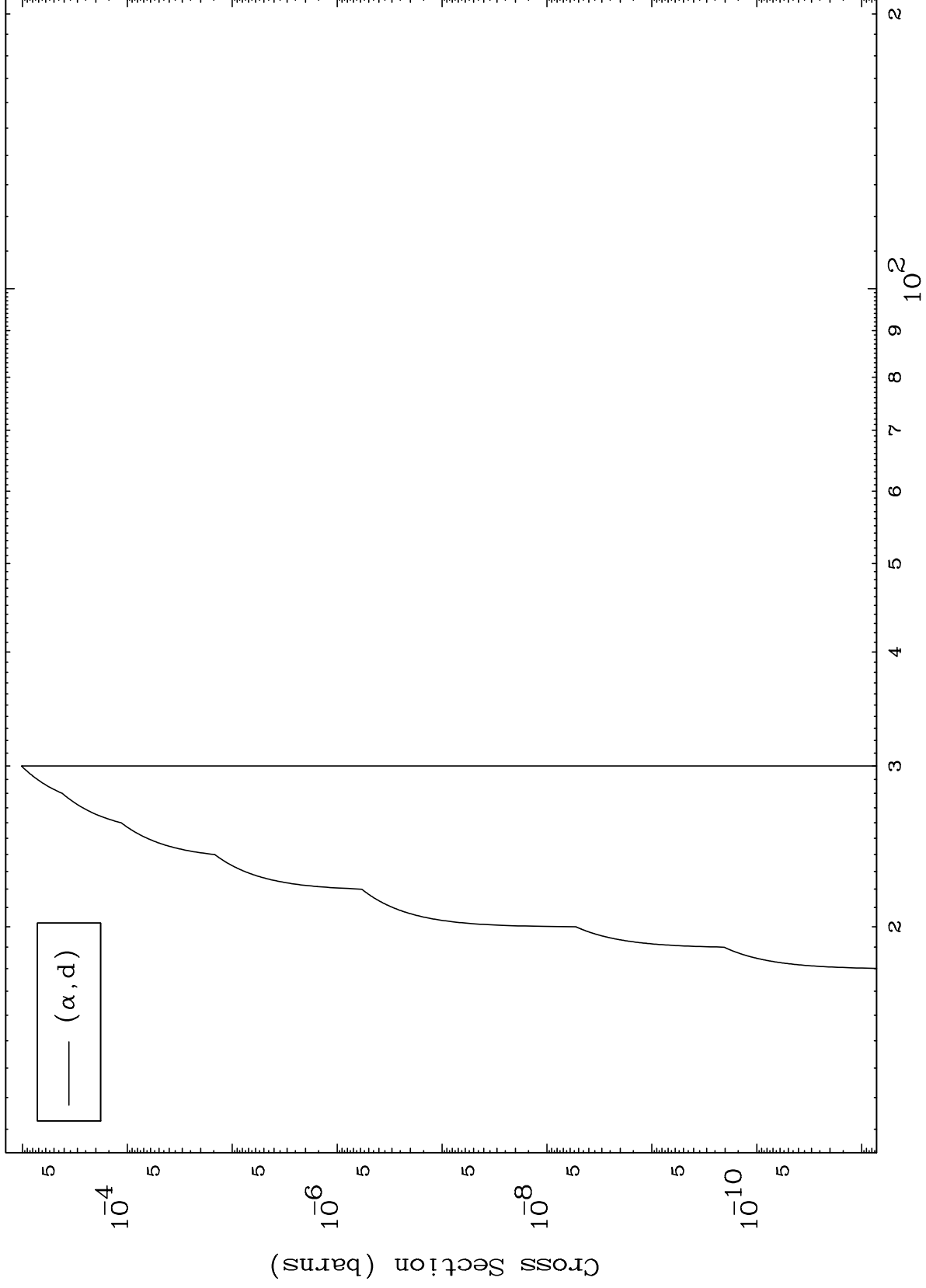
Incident Energy (MeV)

79-Au-190

MAT 7904

(α, d) Levels
0 Kelvin Cross Sections

79-Au-190



7

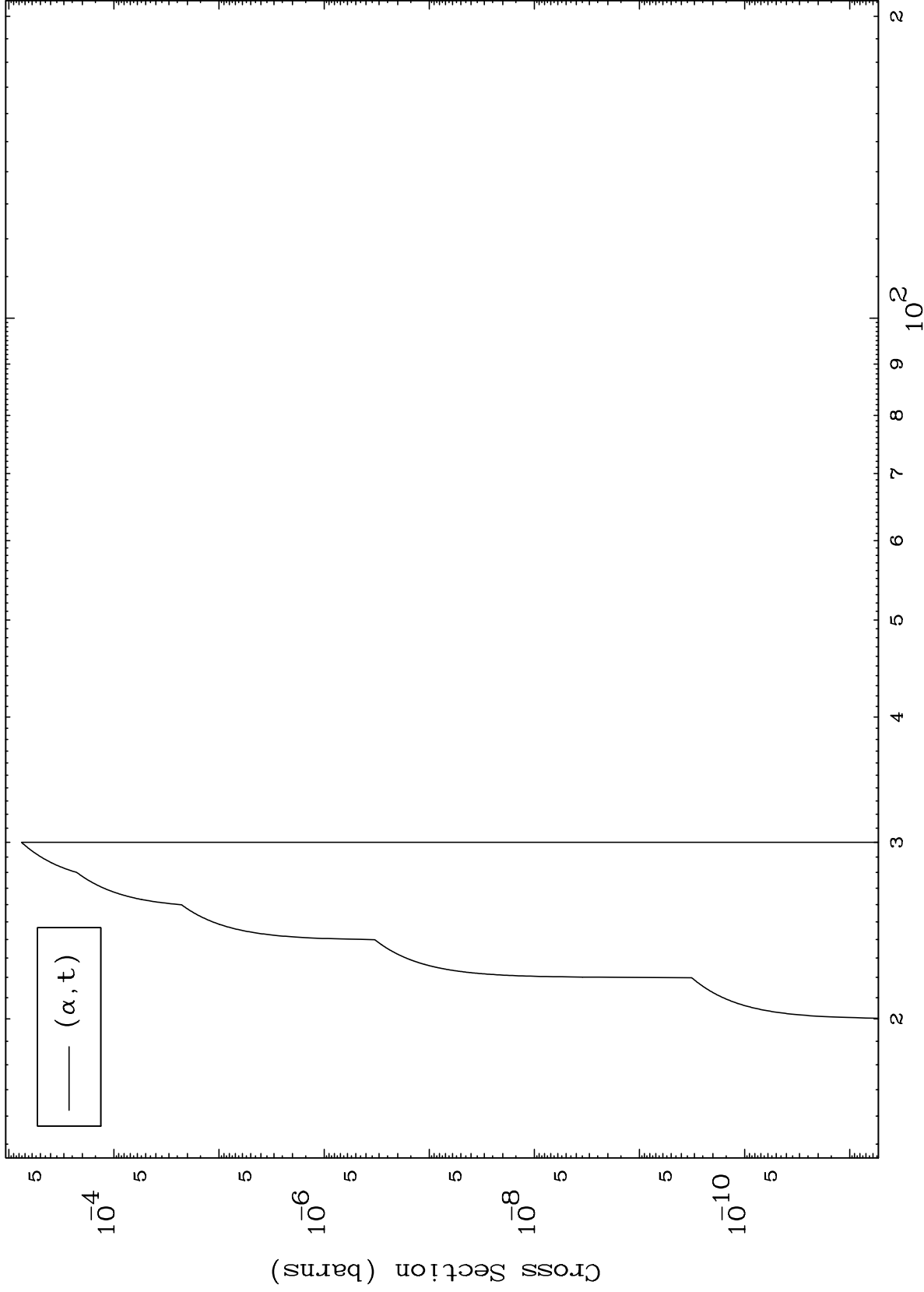
Incident Energy (MeV)

79-Au-190

MAT 7904

(α, t) Levels
0 Kelvin Cross Sections

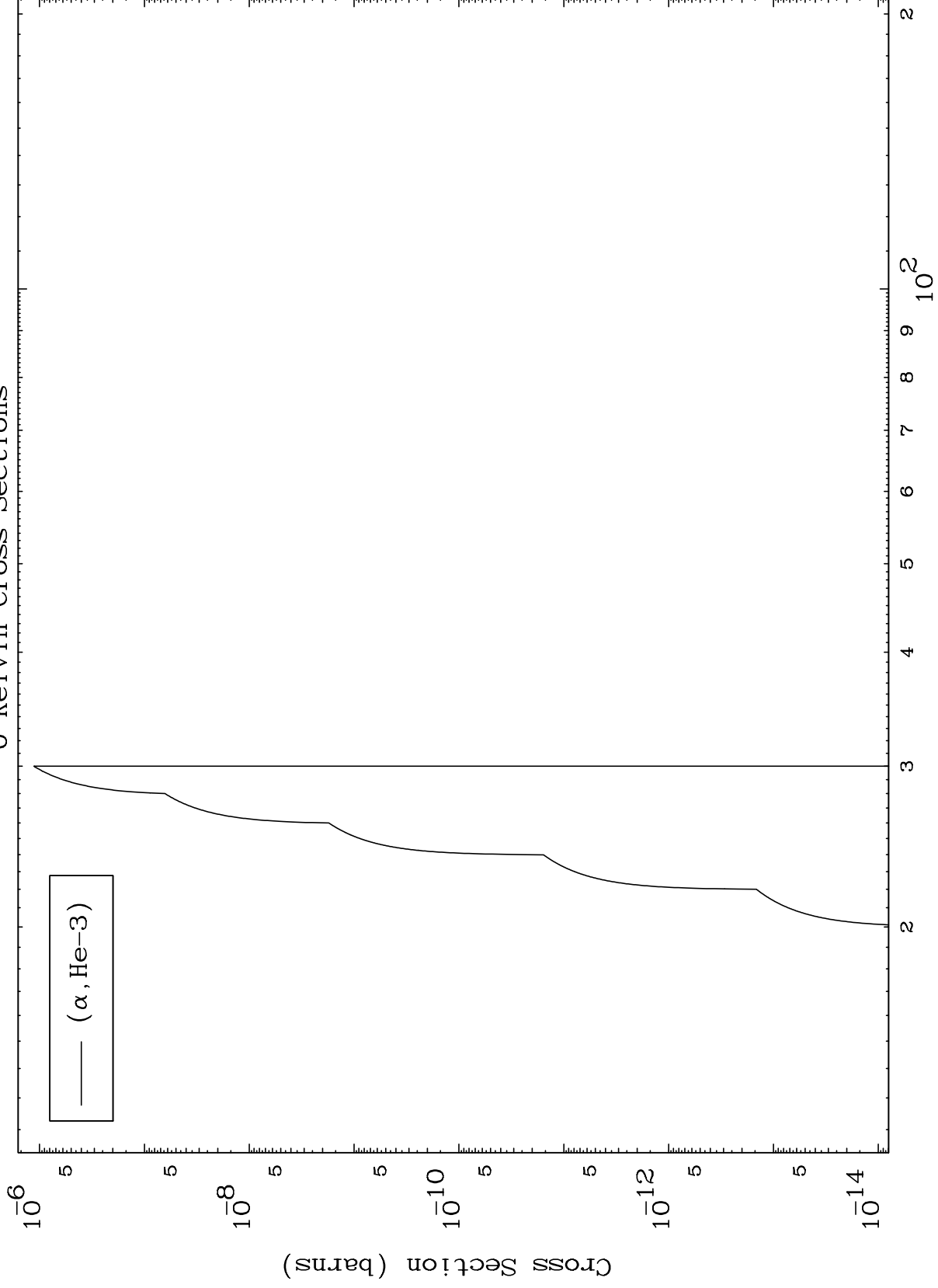
79-Au-190



8

Incident Energy (MeV)

79-Au-190

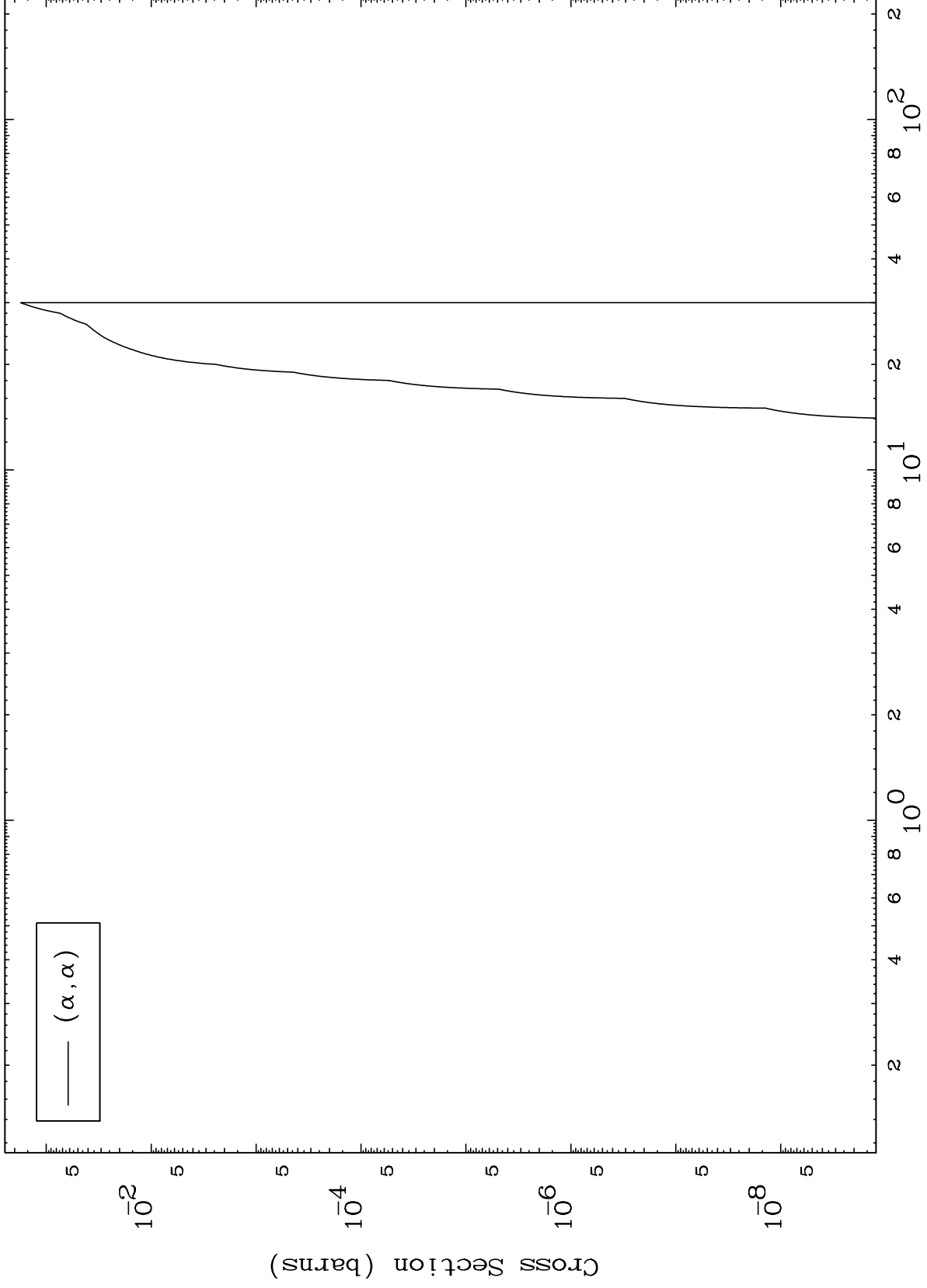


MAT 7904

(α, α) Levels

79-Au-190

0 Kelvin Cross Sections

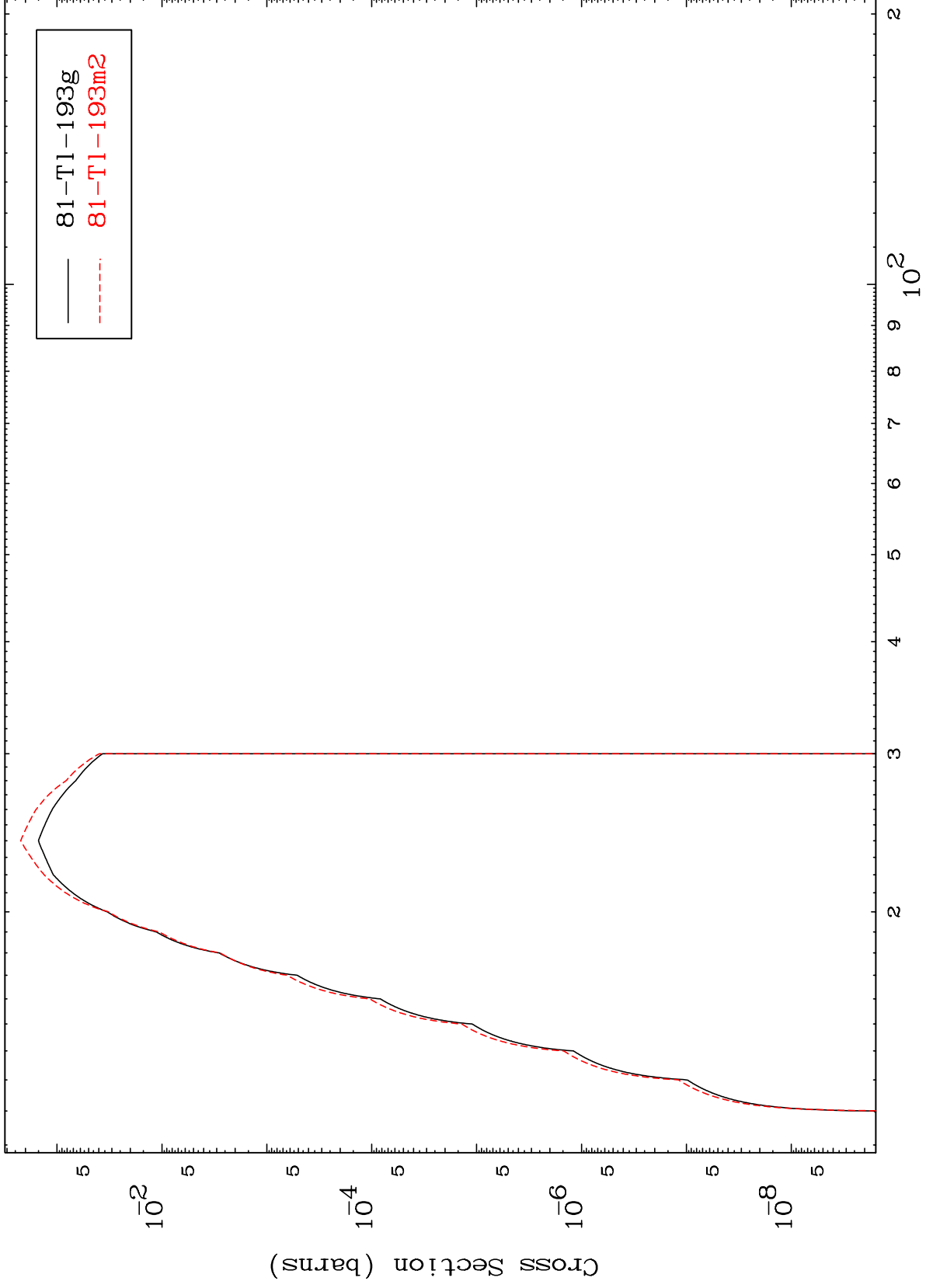


10

Incident Energy (MeV)

79-Au-190

α Inelastic
Radionuclide Production Cross Section

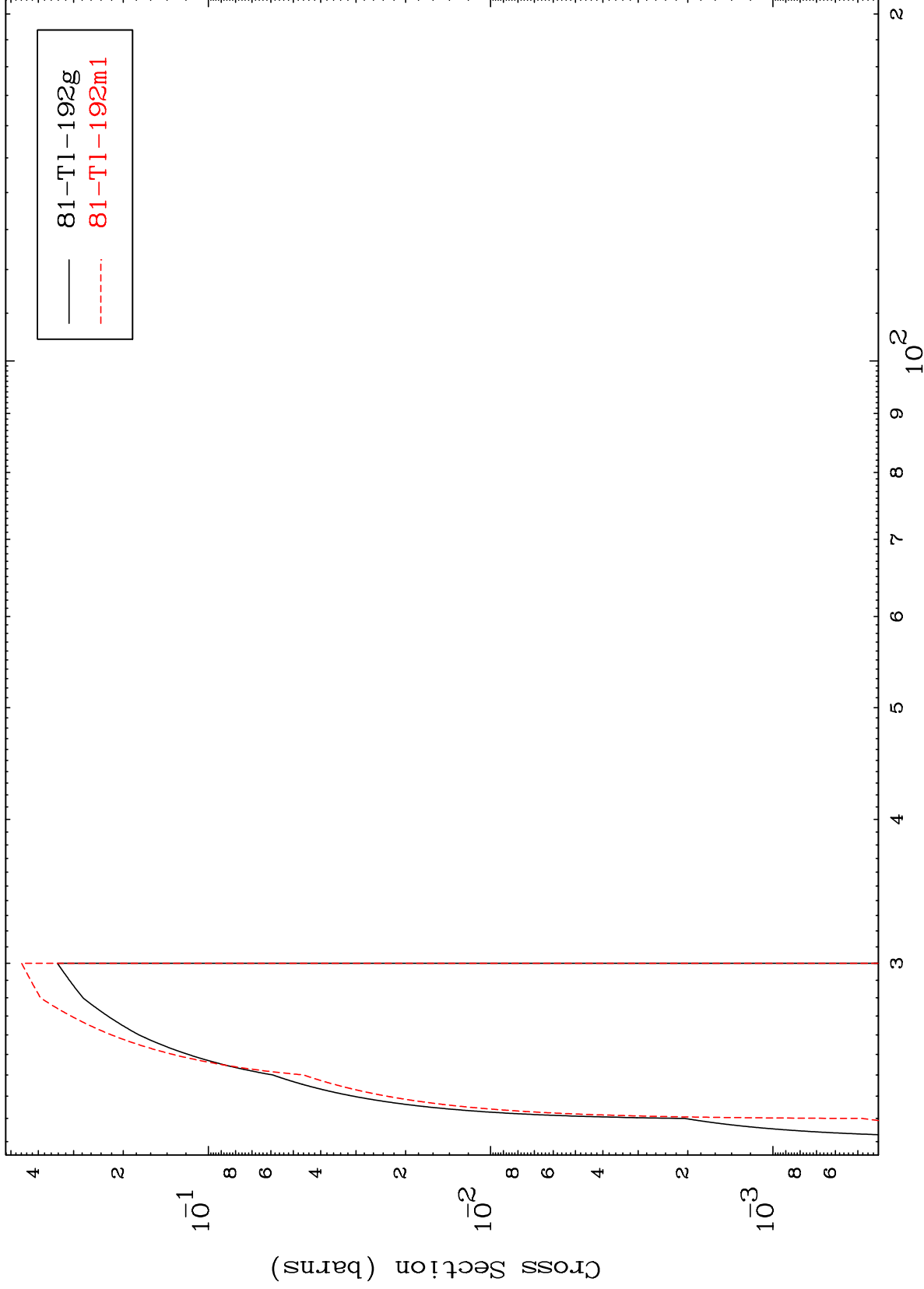


MAT 7904

($\alpha, 2n$)

79-Au-190

Radionuclide Production Cross Section



12

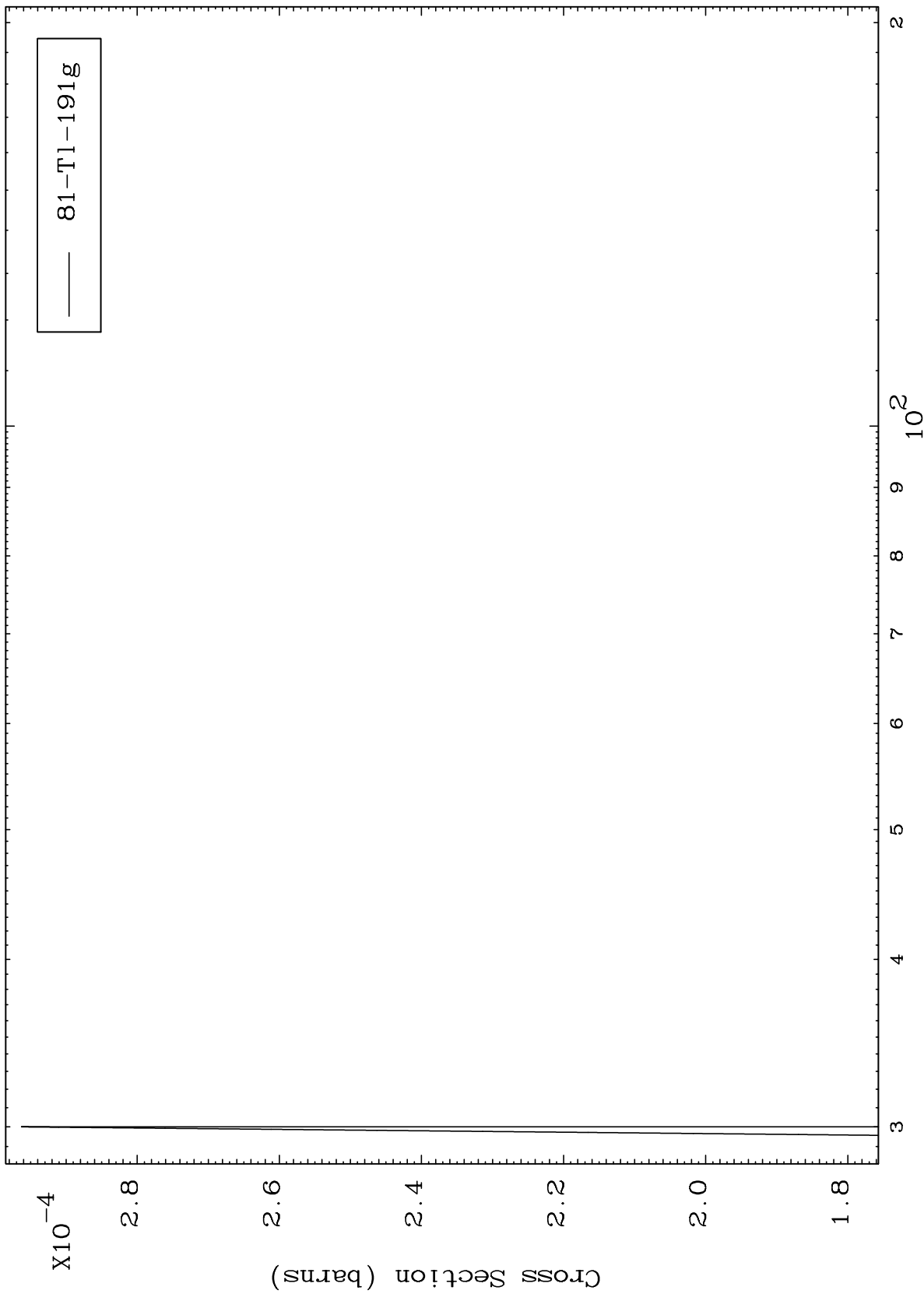
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

($\alpha, 3n$)
Radionuclide Production Cross Section



79-Au-190

Incident Energy (MeV)

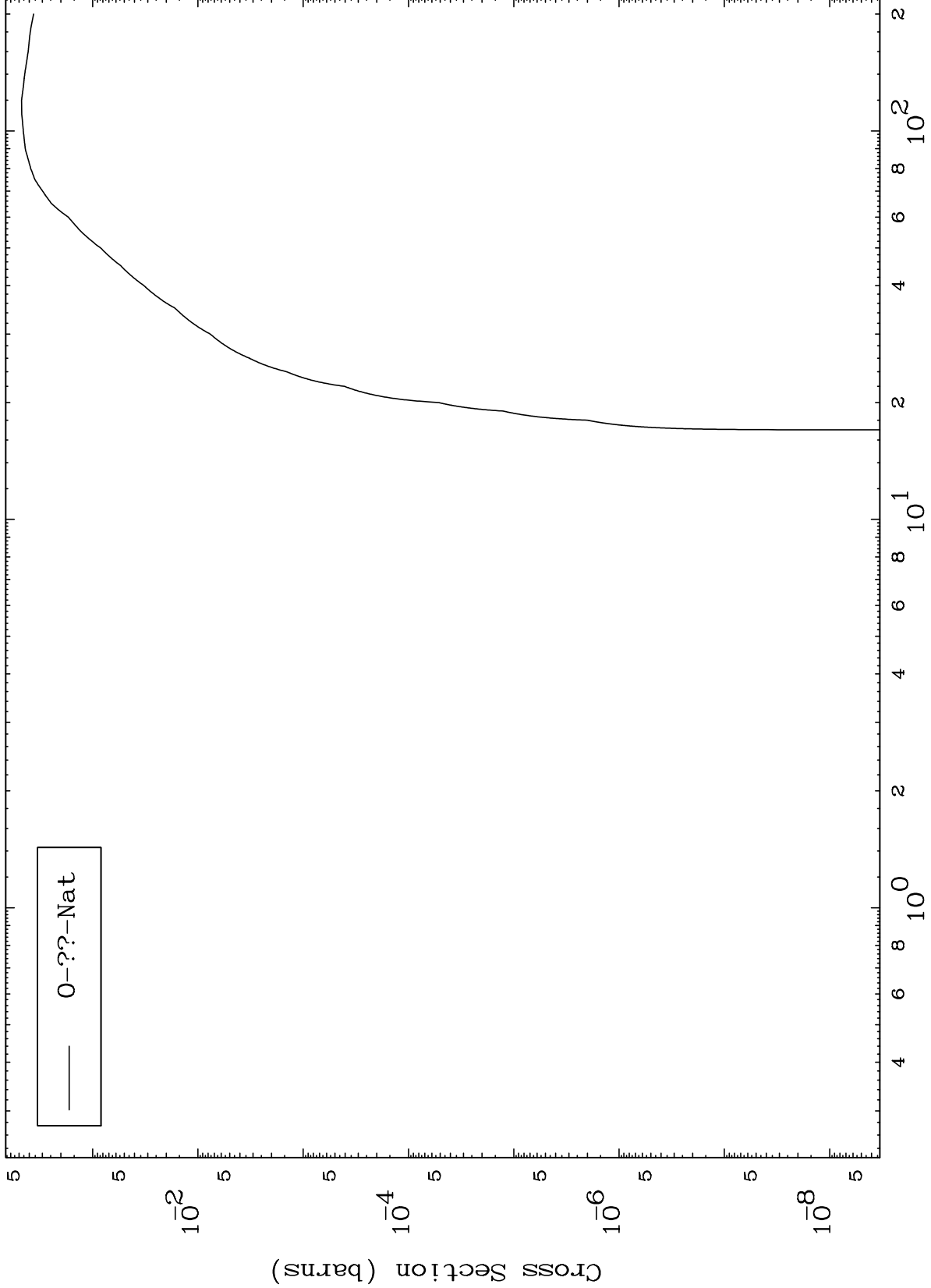
13

MAT 7904

α Fission

79-Au-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

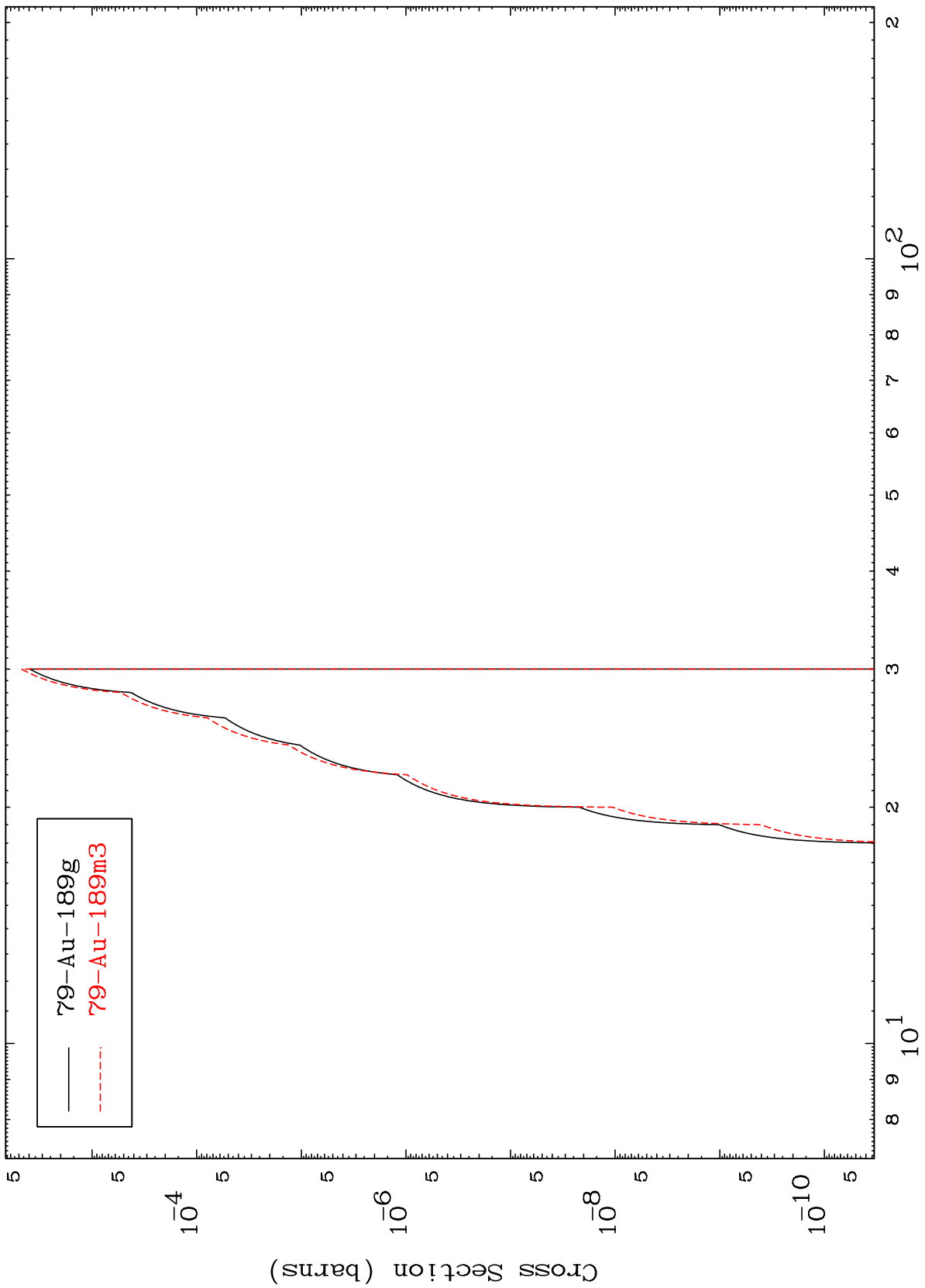
79-Au-190

MAT 7904

⁷⁹Au-190

(α, n') α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

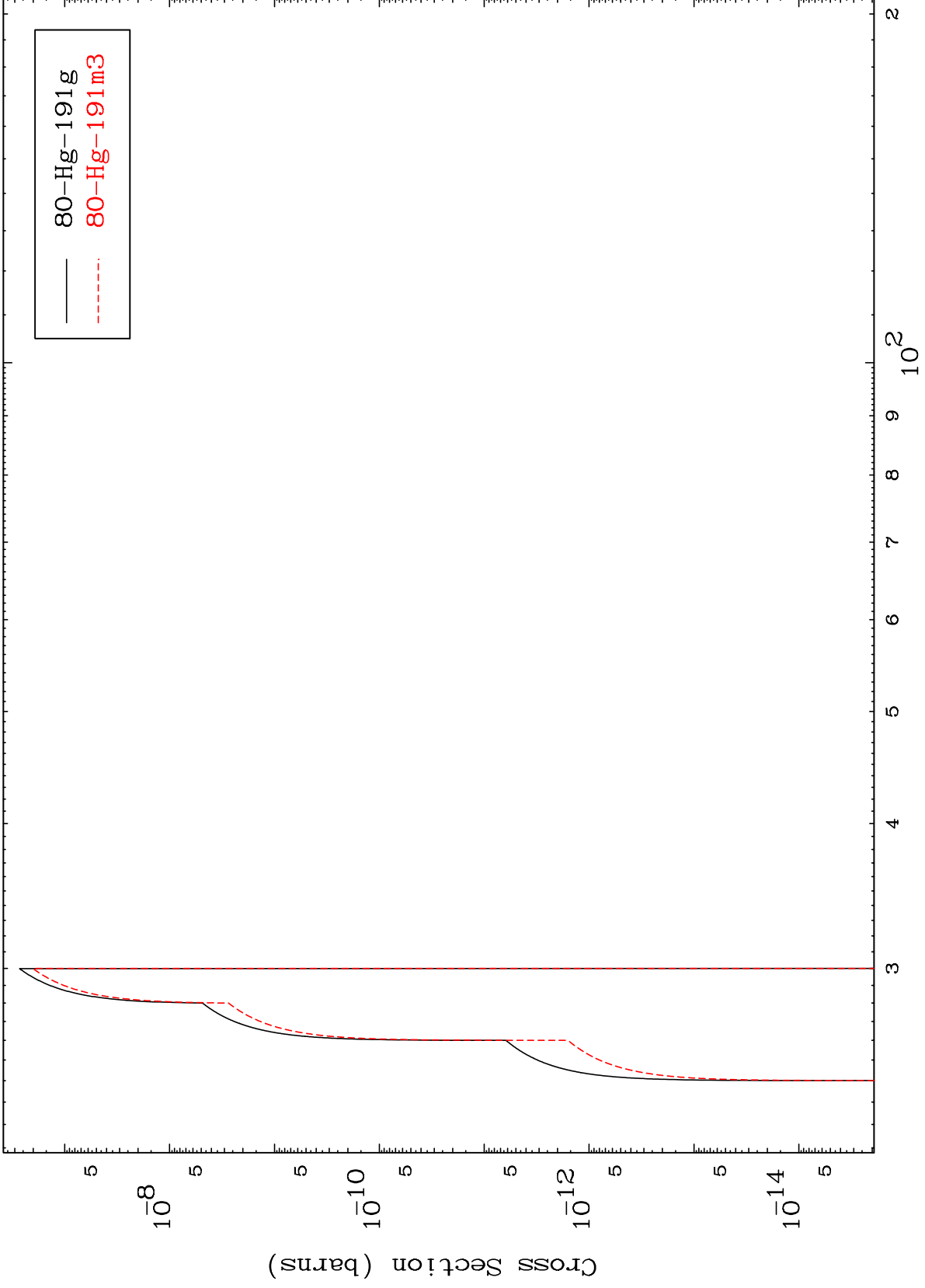
⁷⁹Au-190

MAT 7904

(α, n') d

79-Au-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

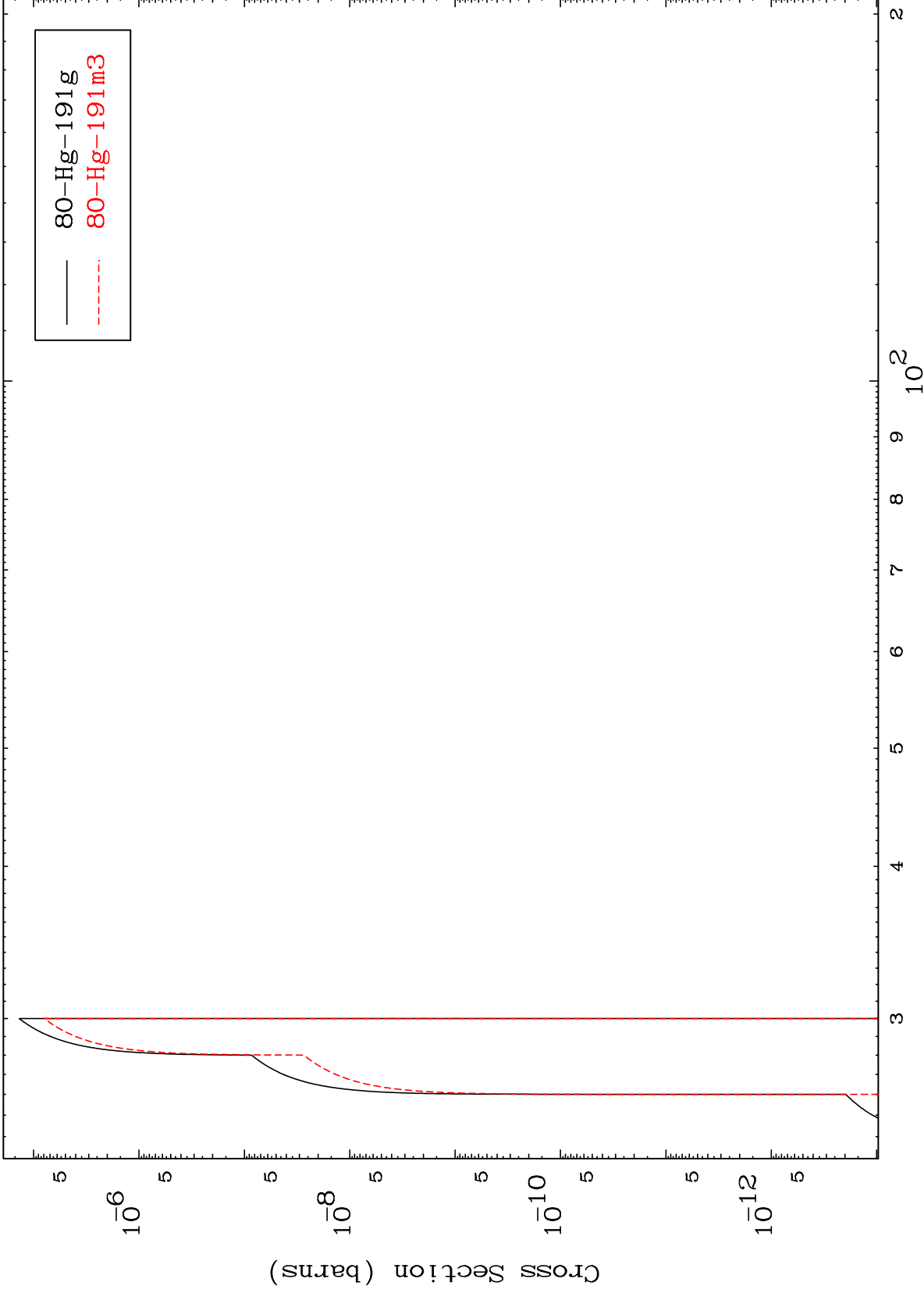
79-Au-190

MAT 7904

$(\alpha, 2n)$ p

79-Au-190

Radionuclide Production Cross Section



17

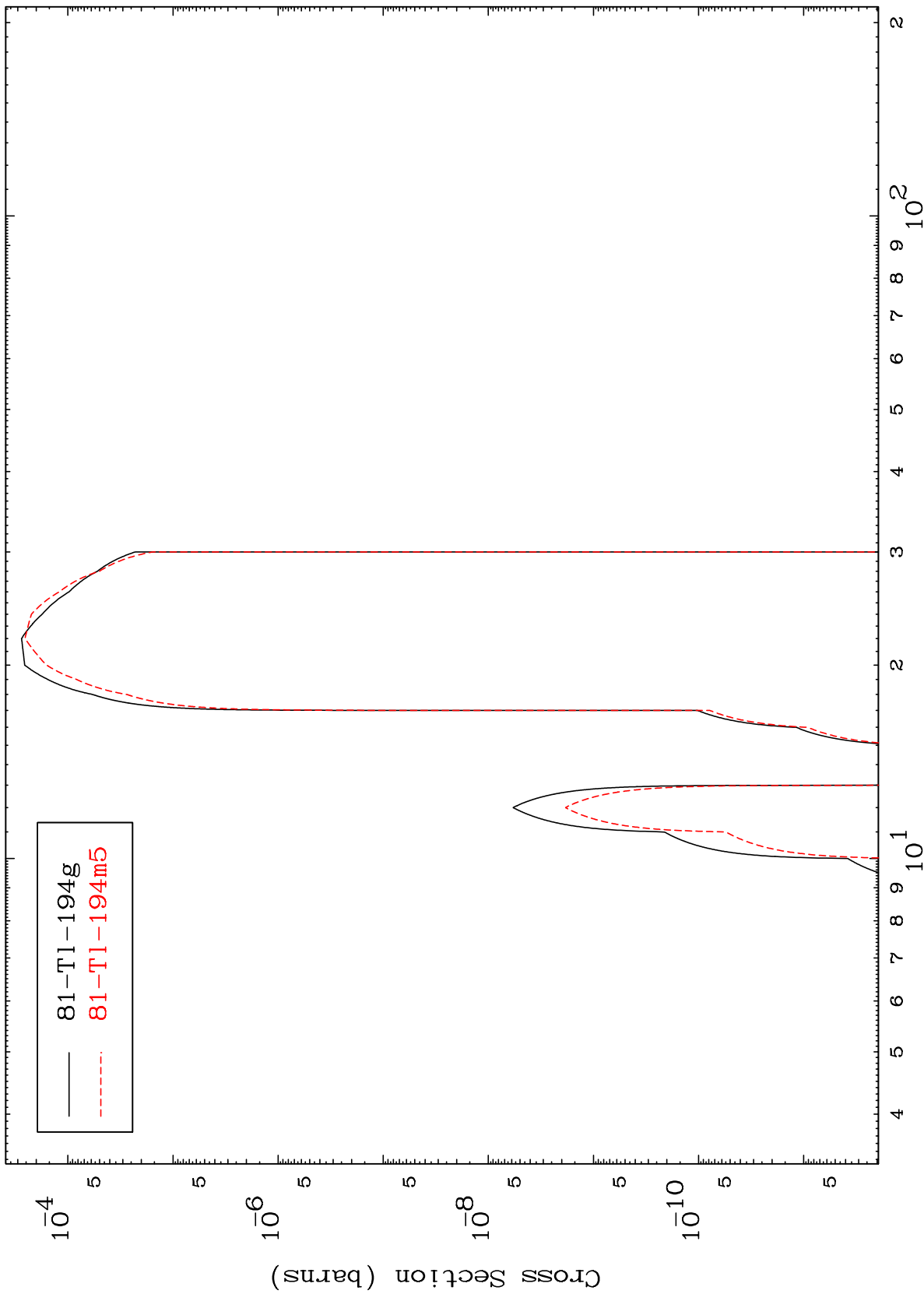
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

Radionuclide Production Cross Section
(α, γ)



18

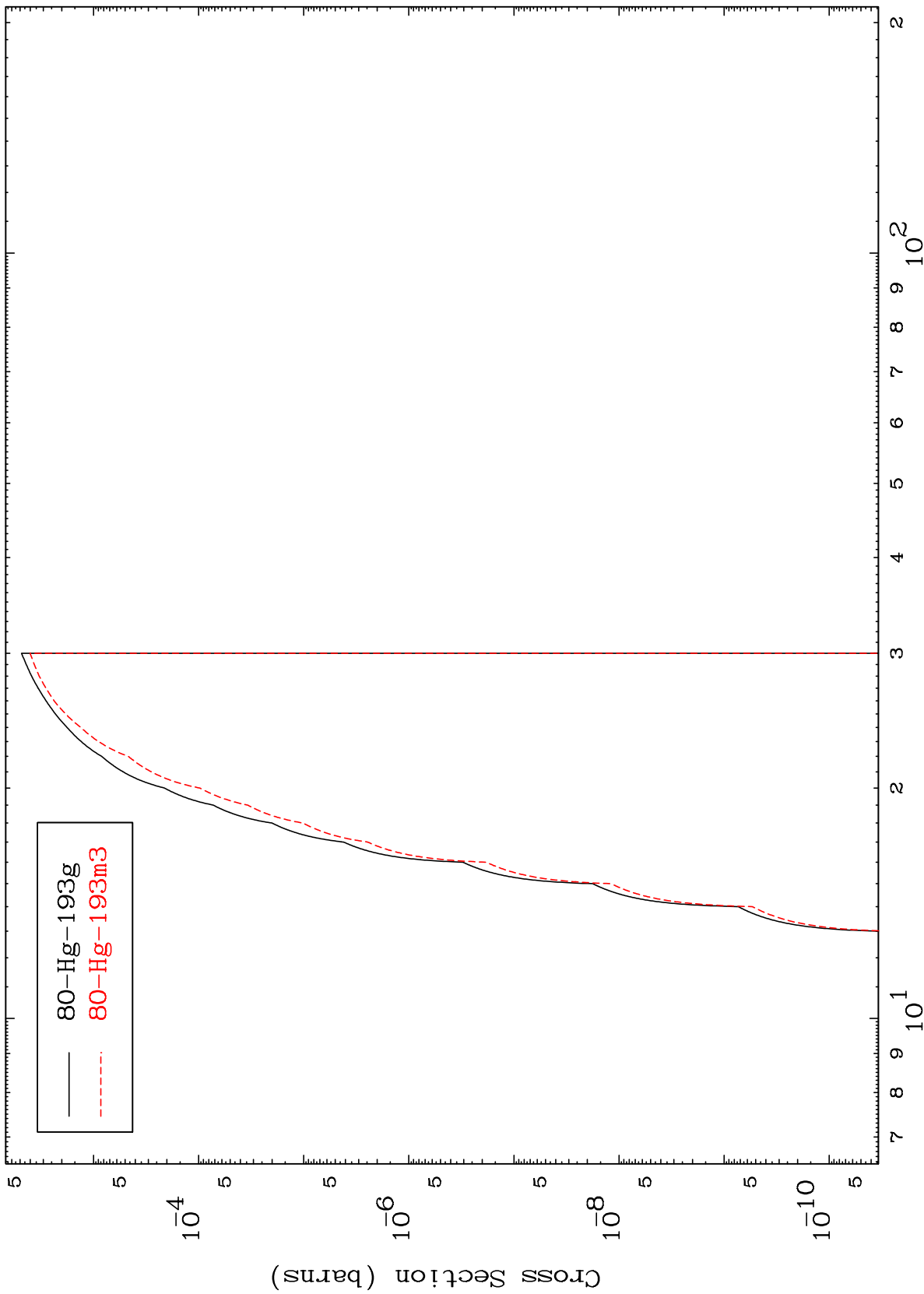
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

(α, p)
Radionuclide Production Cross Section



19

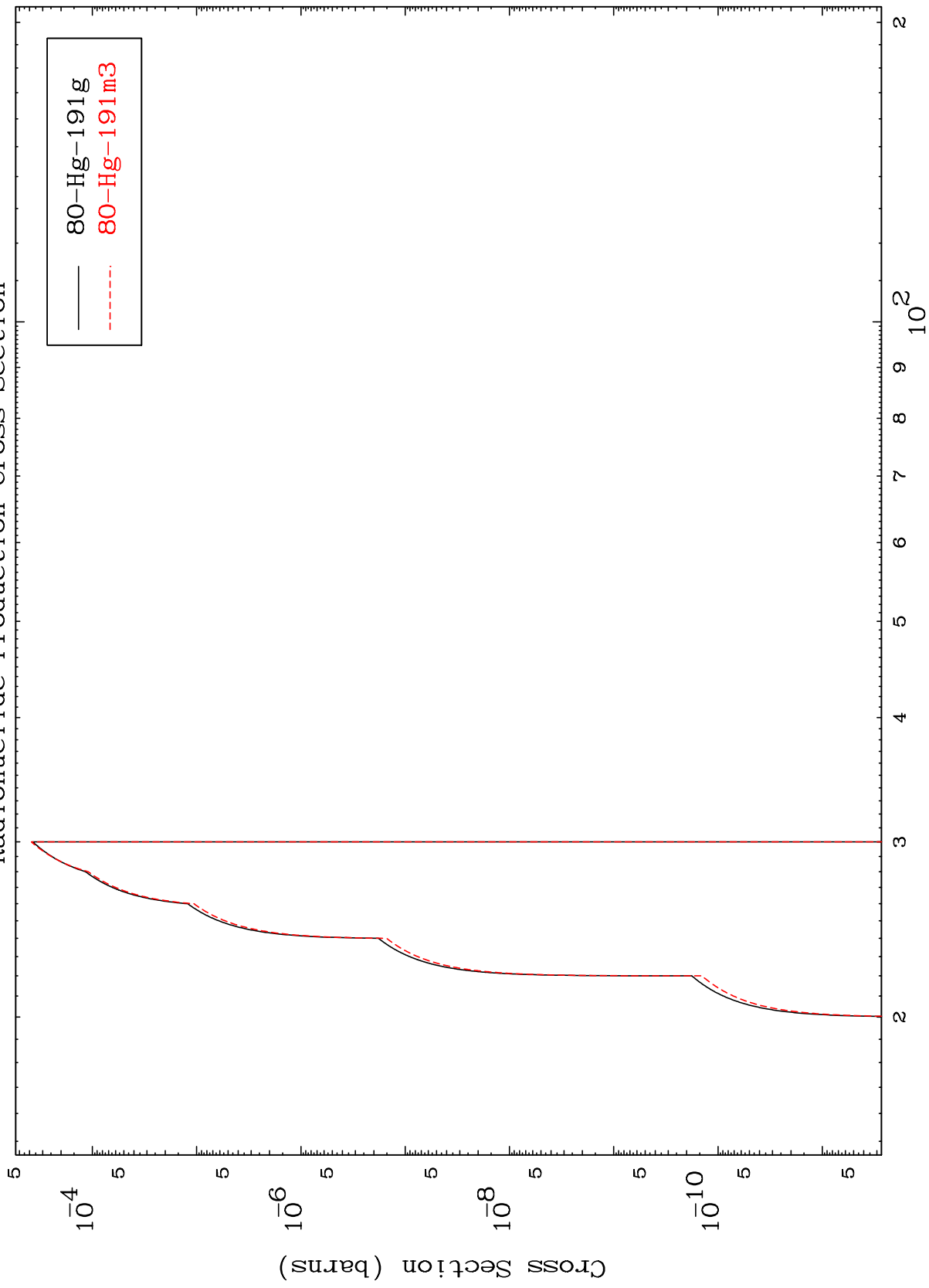
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

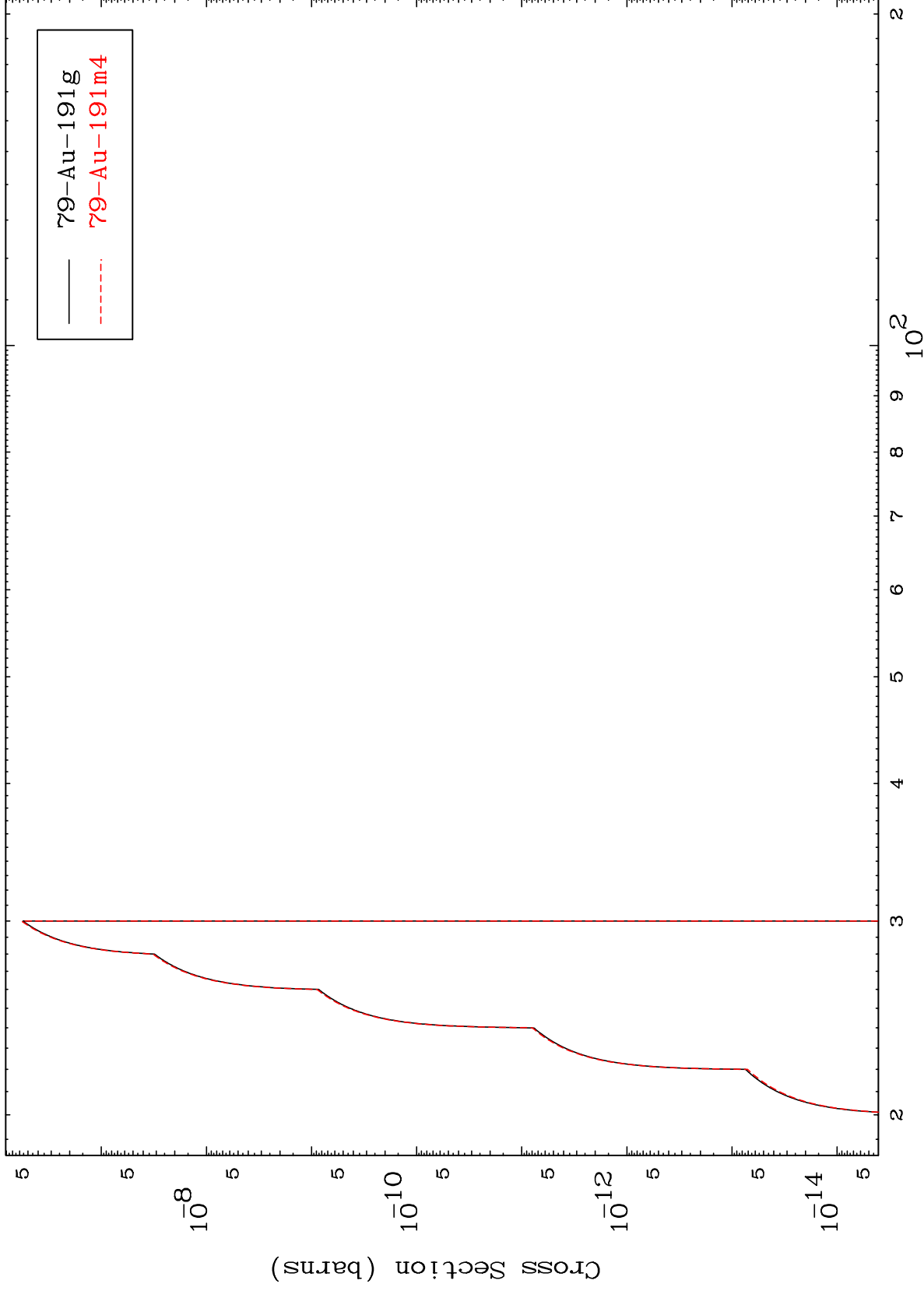
79-Au-190

MAT 7904

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

79-Au-190

Radionuclide Production Cross Section

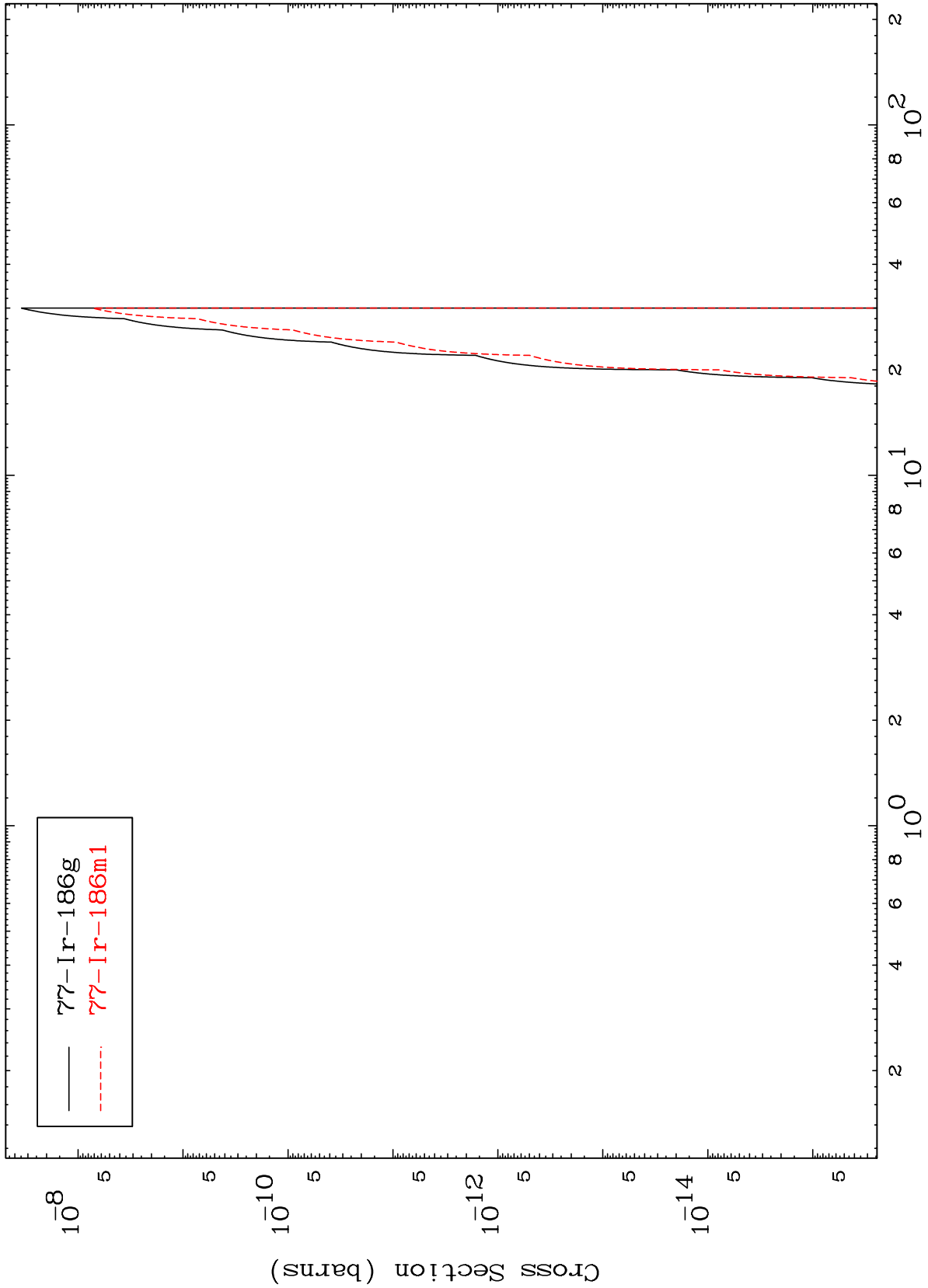


MAT 7904

($\alpha, 2\alpha$)

79-Au-190

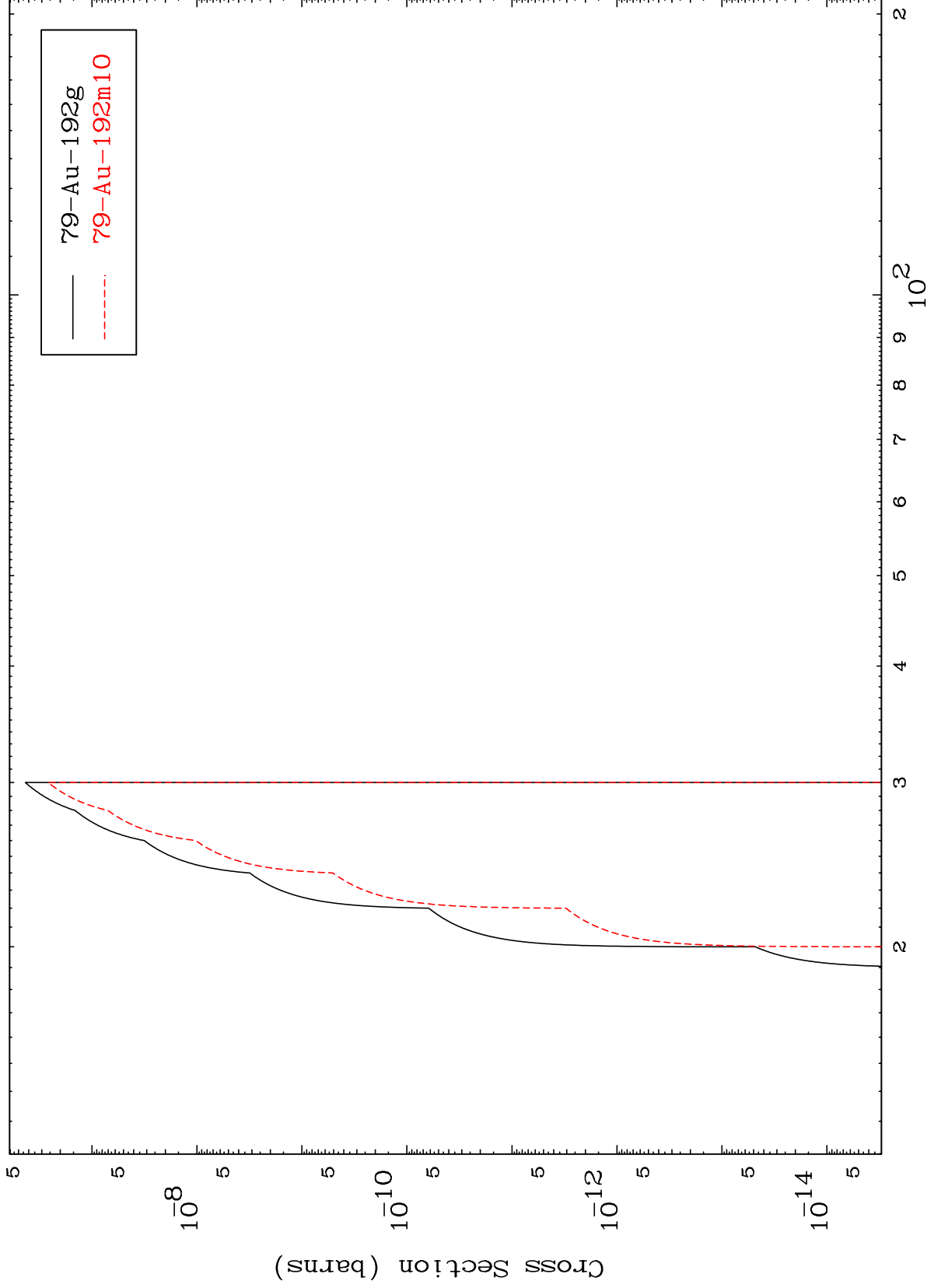
Radionuclide Production Cross Section



MAT 7904

79-Au-190

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



79-Au-190

Incident Energy (MeV)

23