

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

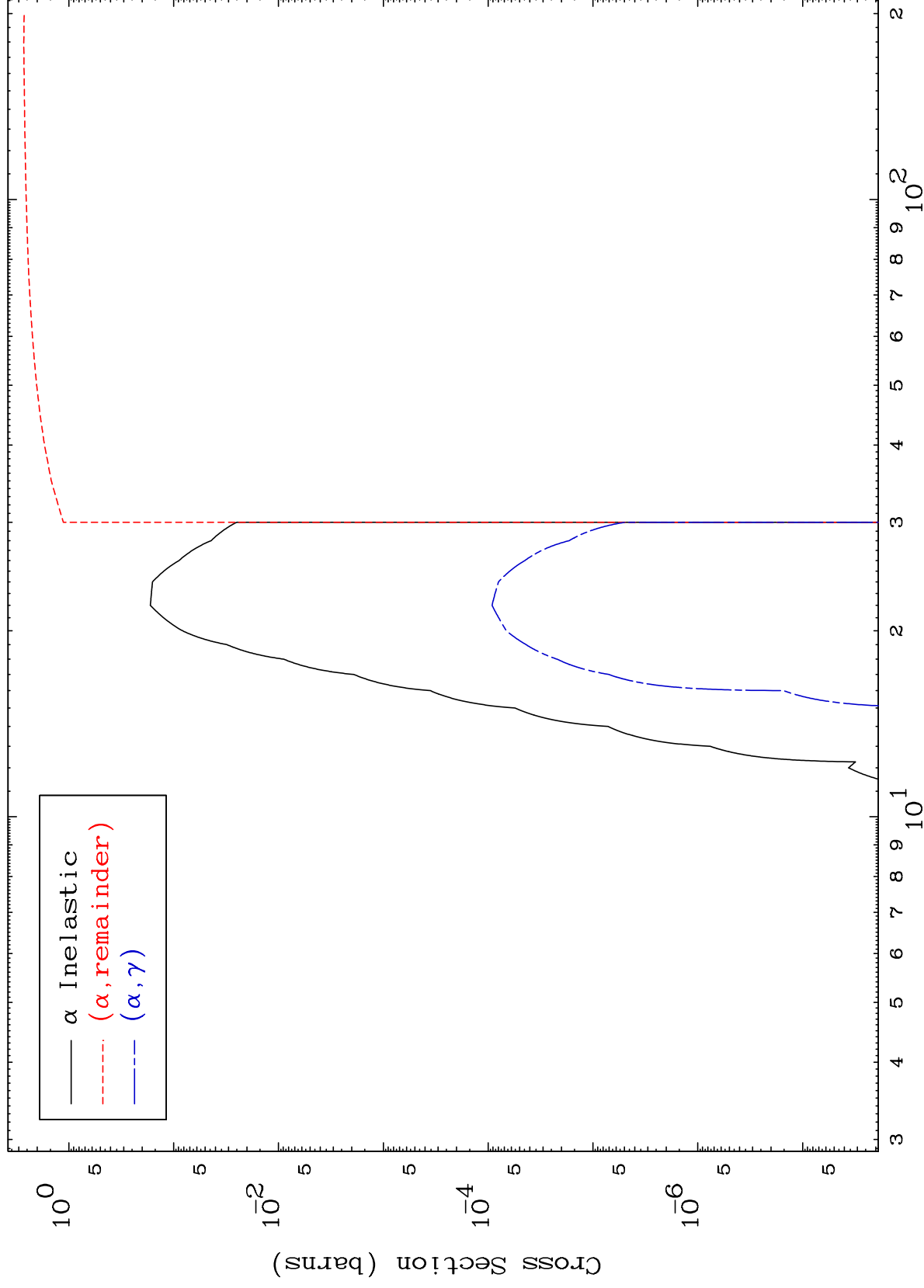
Press Mouse Button to Start

MAT 7822

α Major

78-Pt-189

0 Kelvin Cross Sections



1

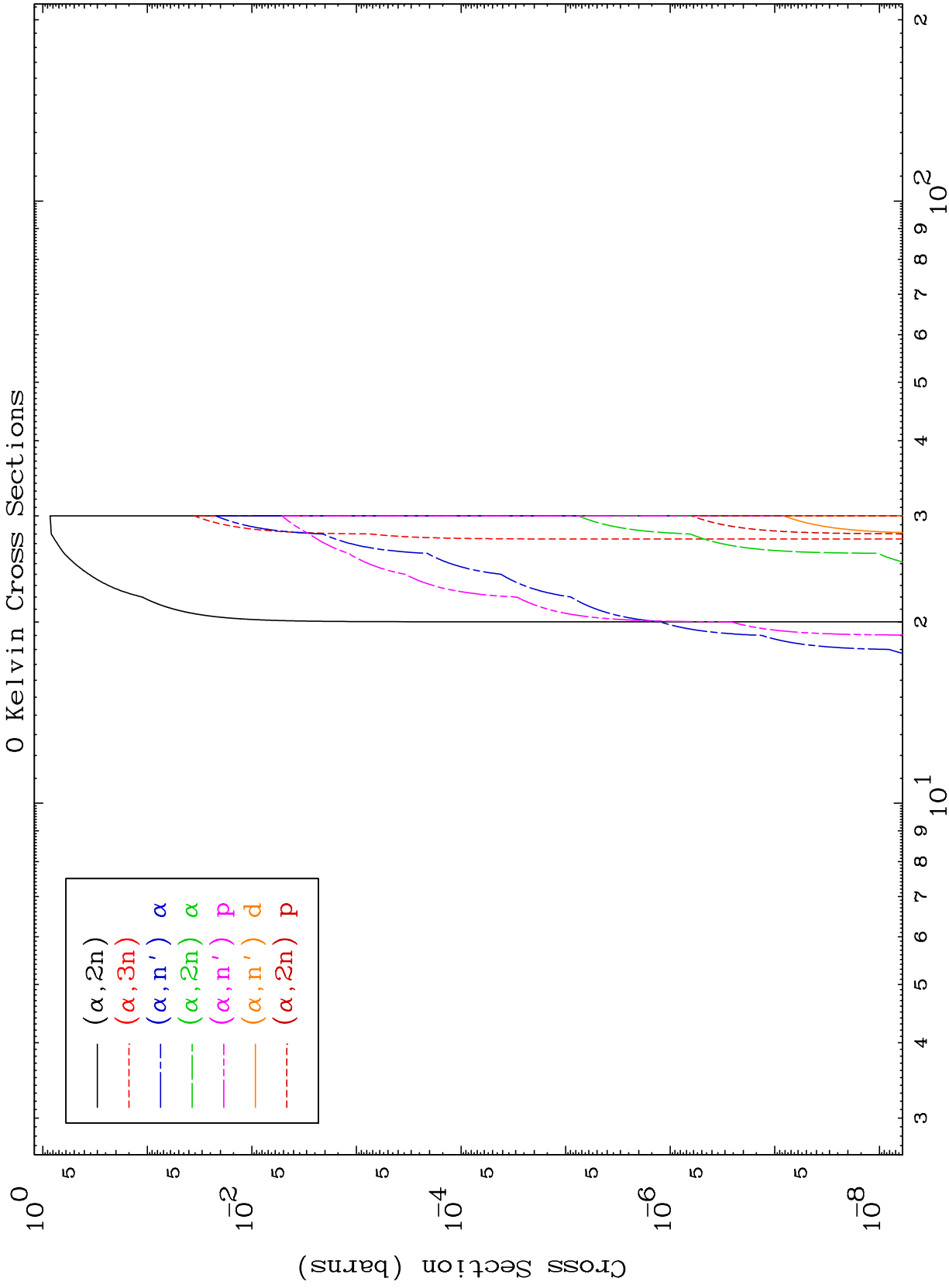
Incident Energy (MeV)

78-Pt-189

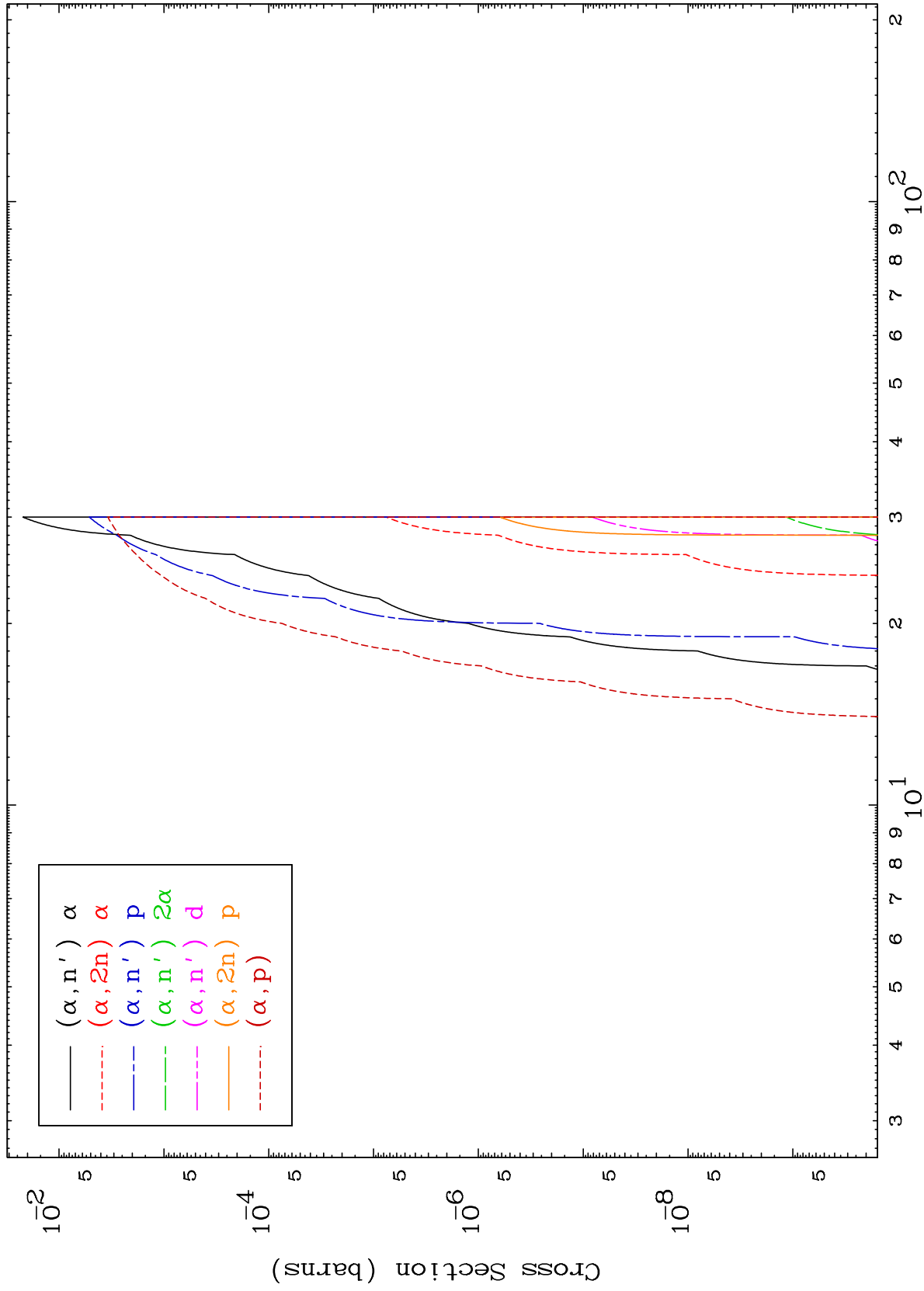
MAT 7822

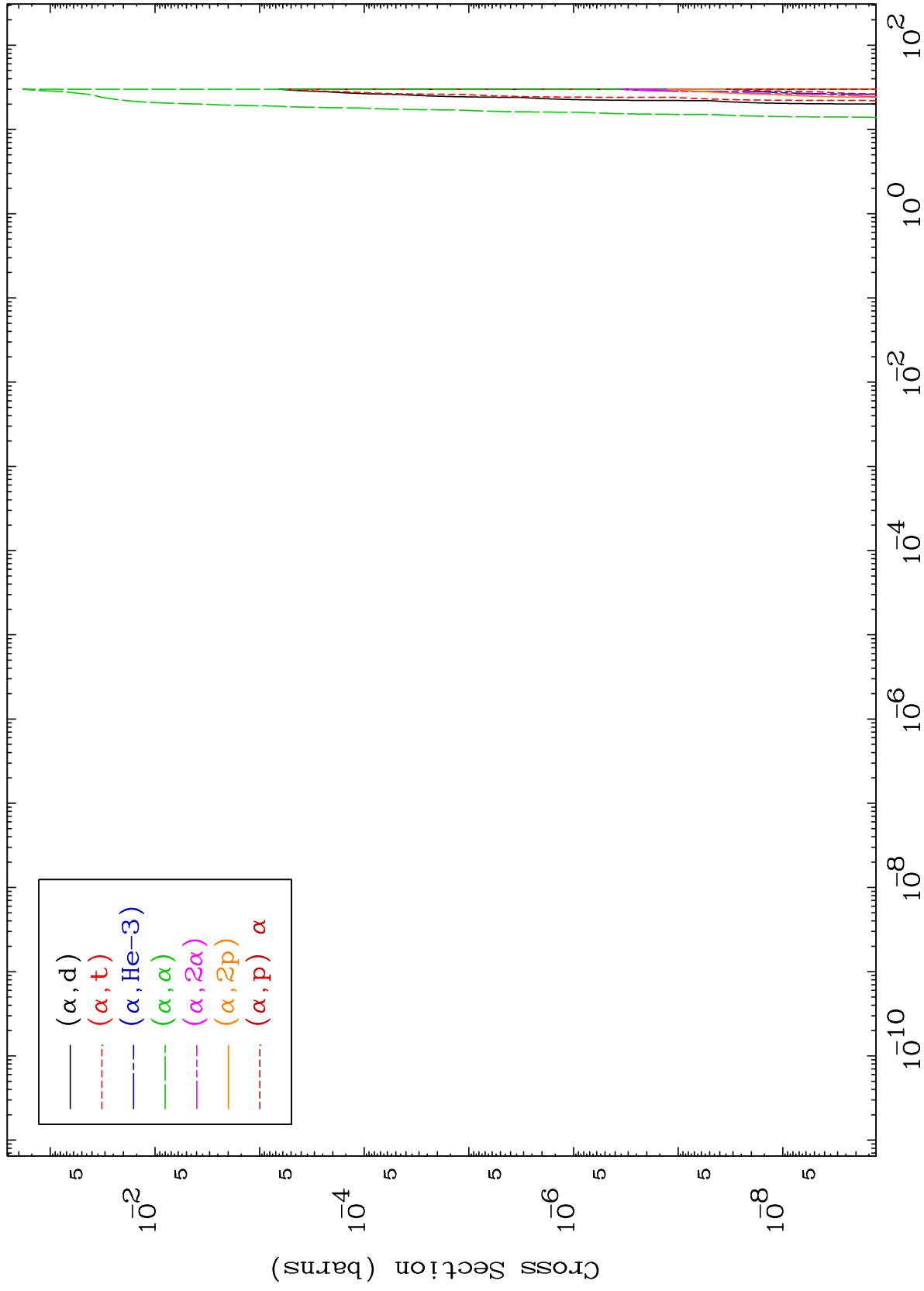
α Neutron Production
0 Kelvin Cross Sections

⁷⁸Pt-189



2

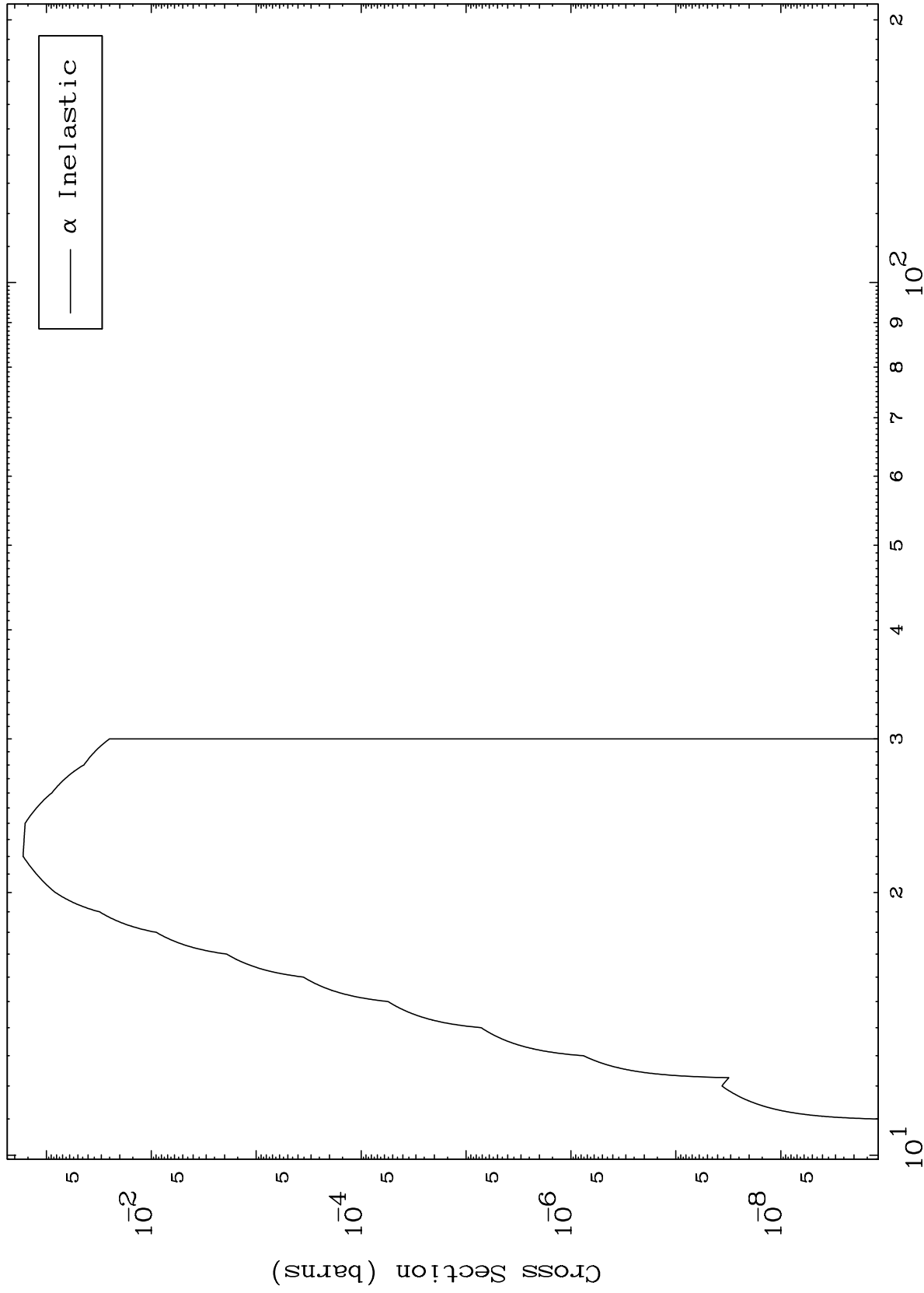




MAT 7822

(α, n') Level
0 Kelvin Cross Sections

78-Pt-189



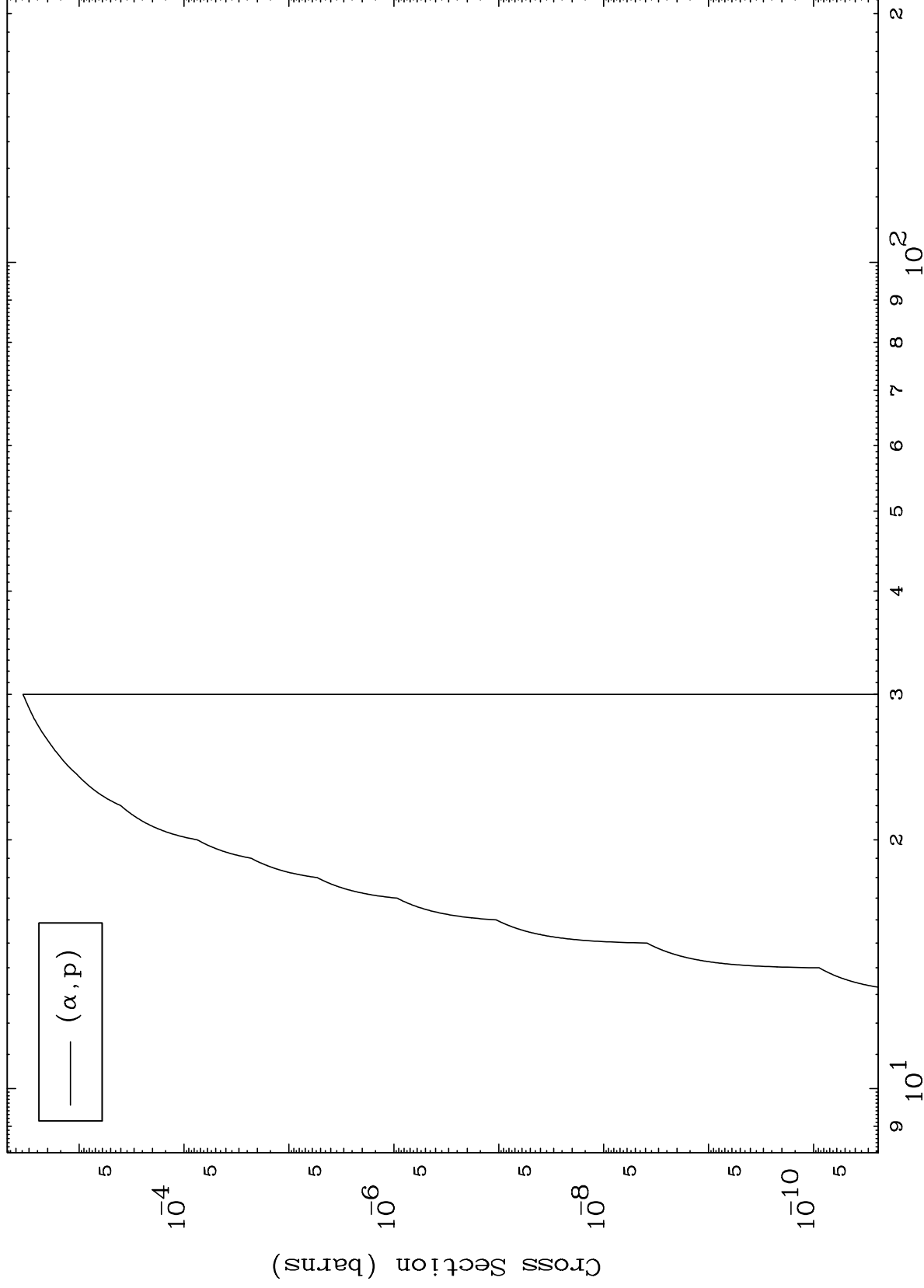
Incident Energy (MeV)

78-Pt-189

MAT 7822

78-Pt-189

(α ,p) Levels
0 Kelvin Cross Sections



6

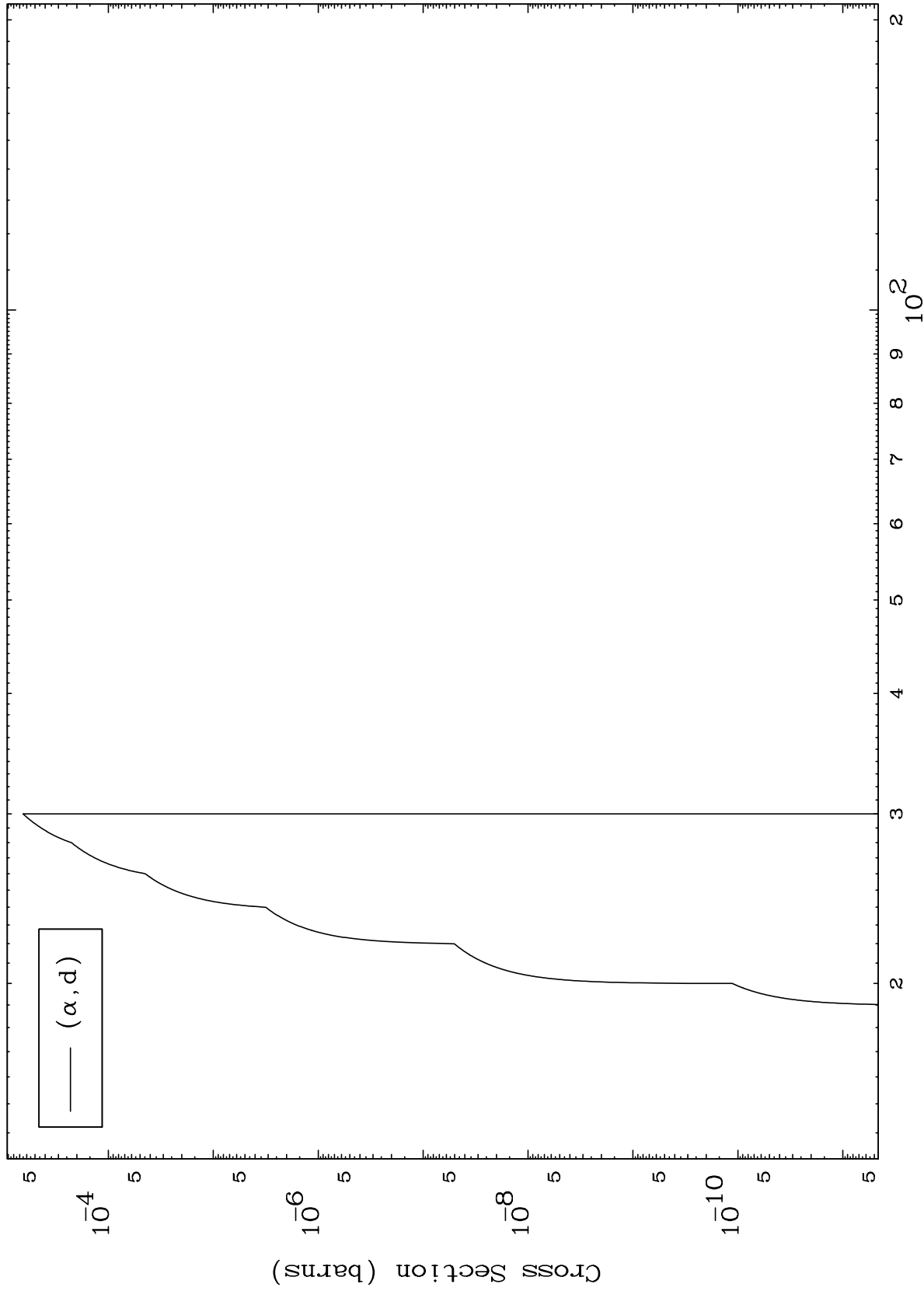
Incident Energy (MeV)

78-Pt-189

MAT 7822

78-Pt-189

(α ,d) Levels
0 Kelvin Cross Sections



7

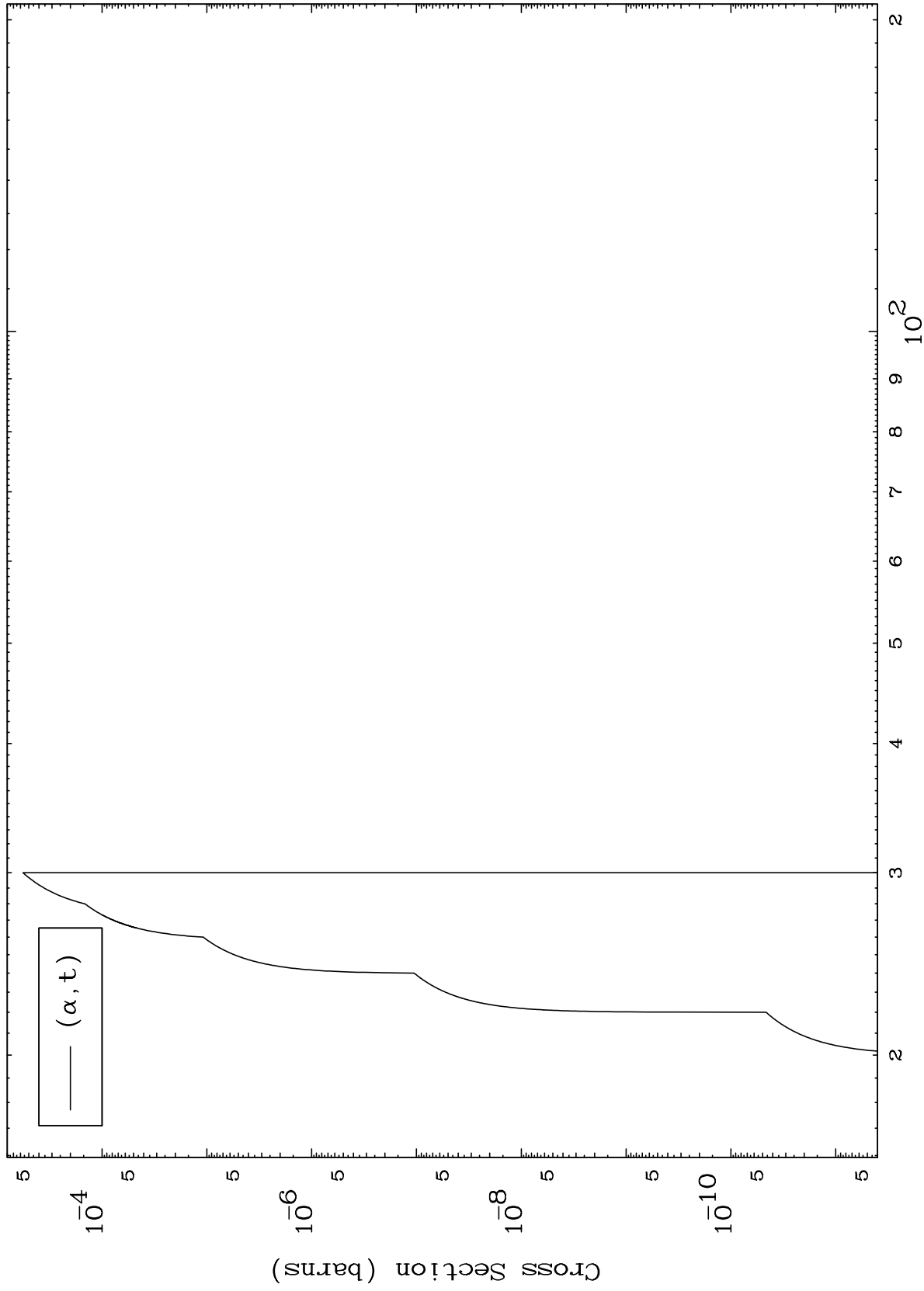
78-Pt-189

Incident Energy (MeV)

MAT 7822

(α ,t) Levels
0 Kelvin Cross Sections

78-Pt-189

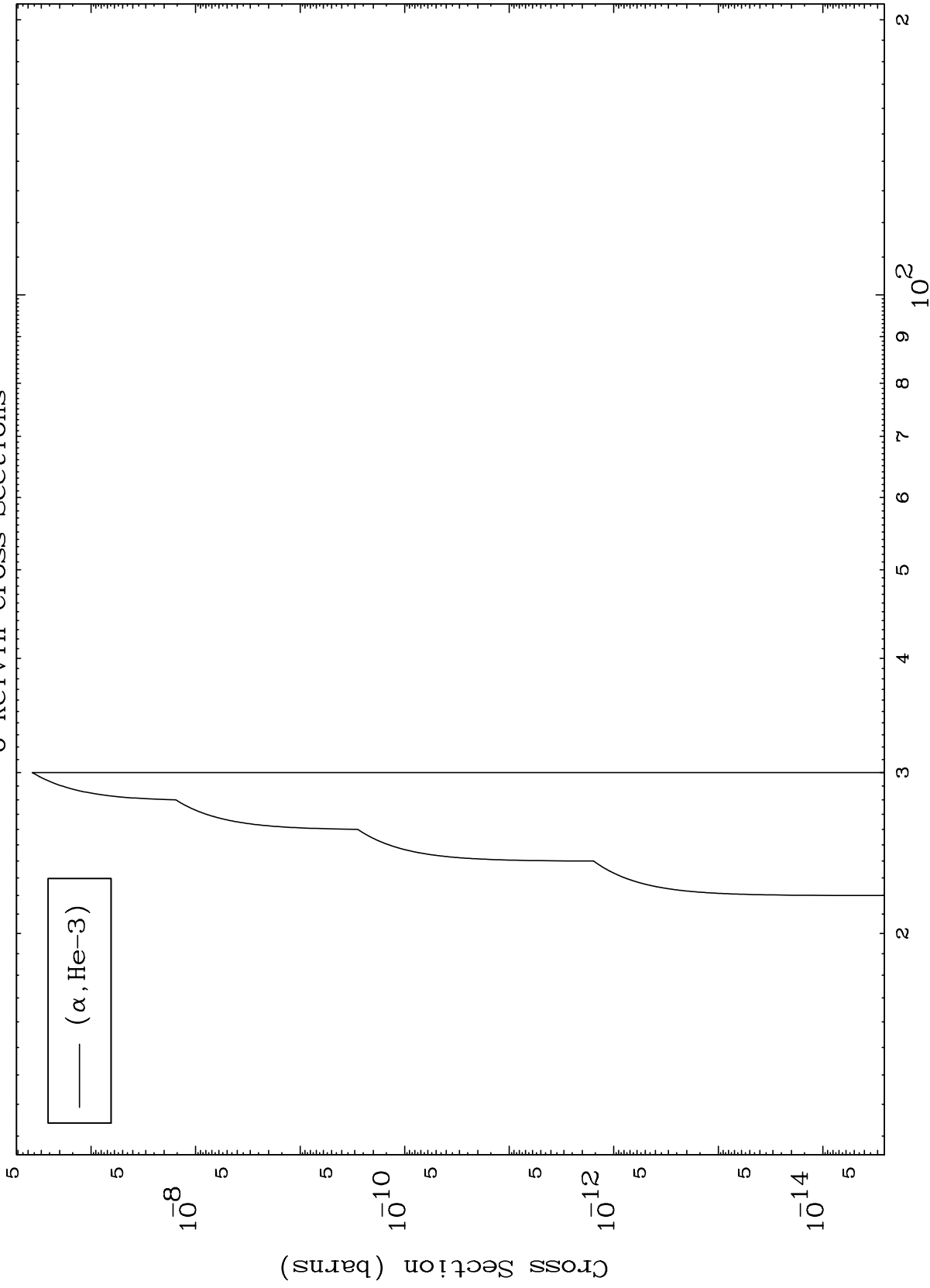


8

Incident Energy (MeV)

78-Pt-189

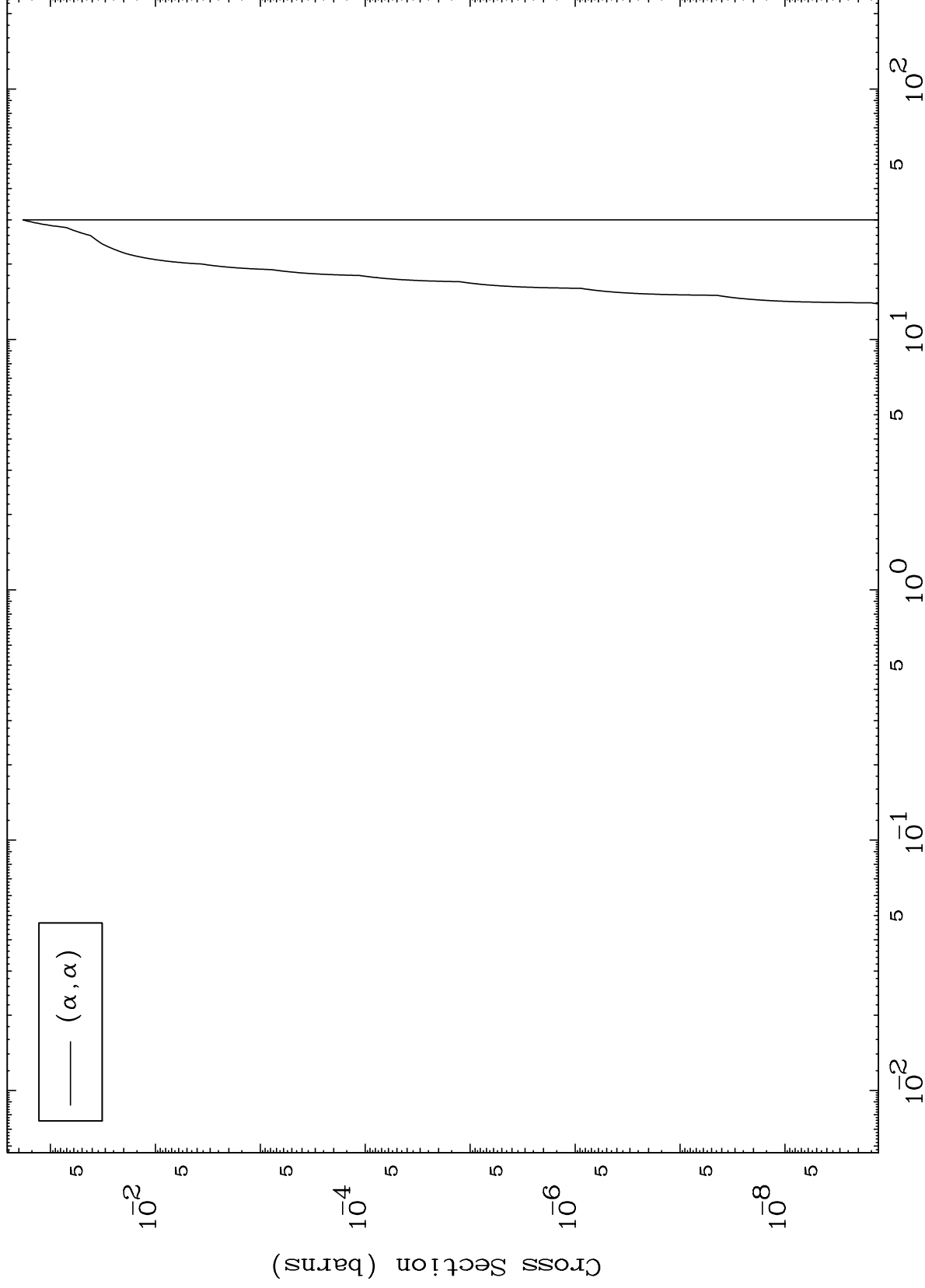
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 7822

(α, α) Levels
0 Kelvin Cross Sections

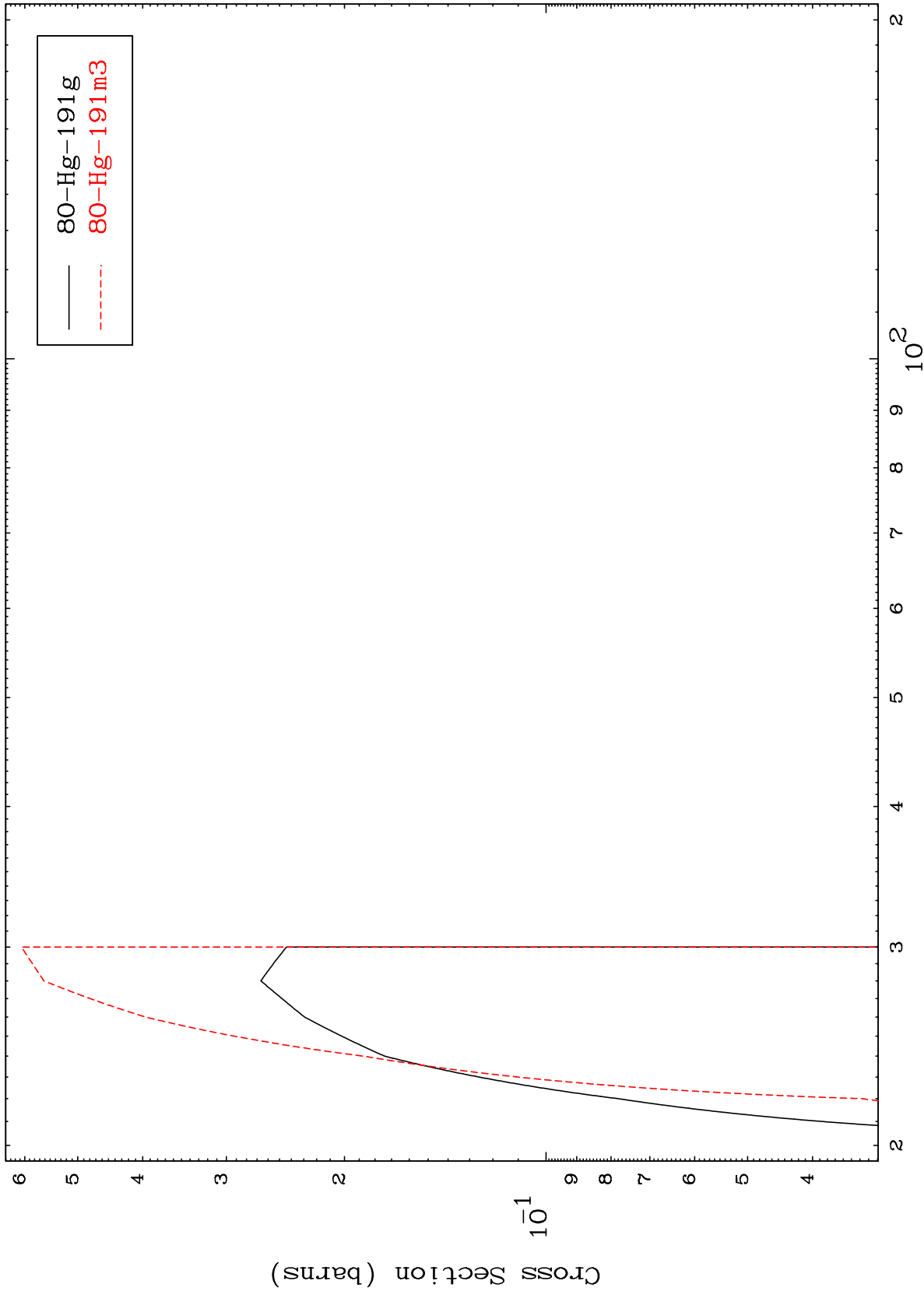
78-Pt-189



Incident Energy (MeV)

78-Pt-189

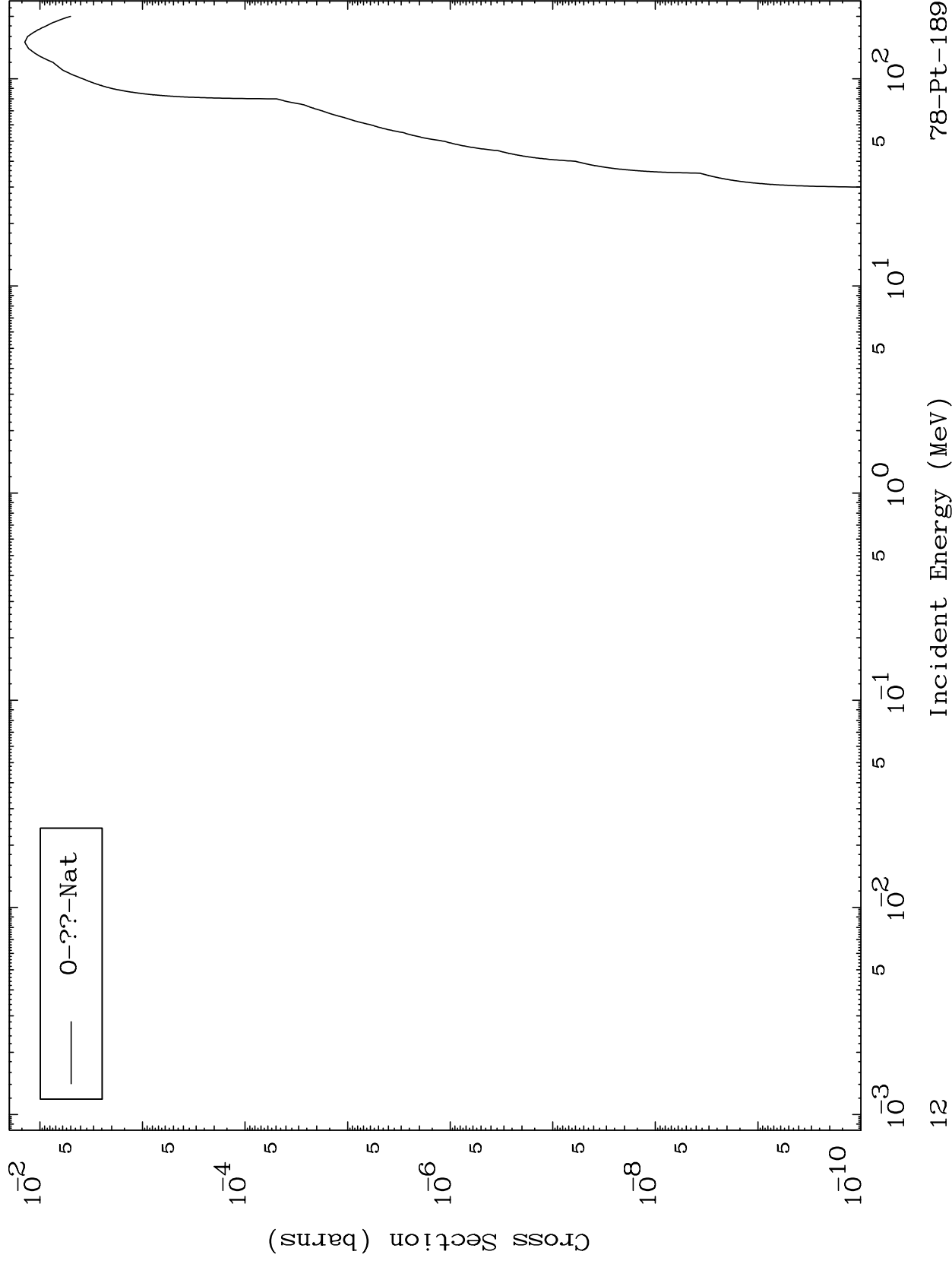
Radionuclide Production Cross Section
($\alpha, 2n$)



MAT 7822

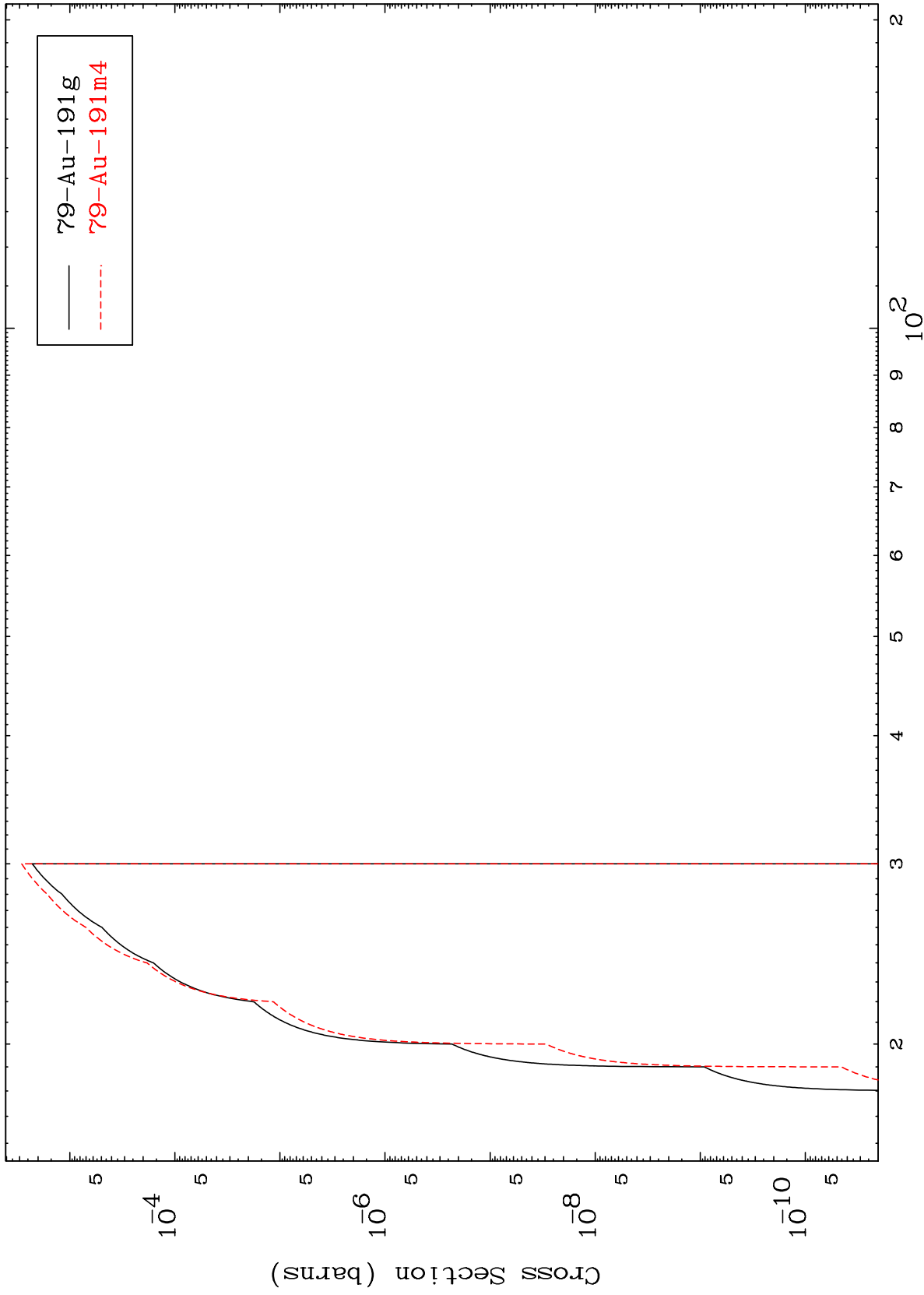
α Fission
Radionuclide Production Cross Section

78-Pt-189



78-Pt-189

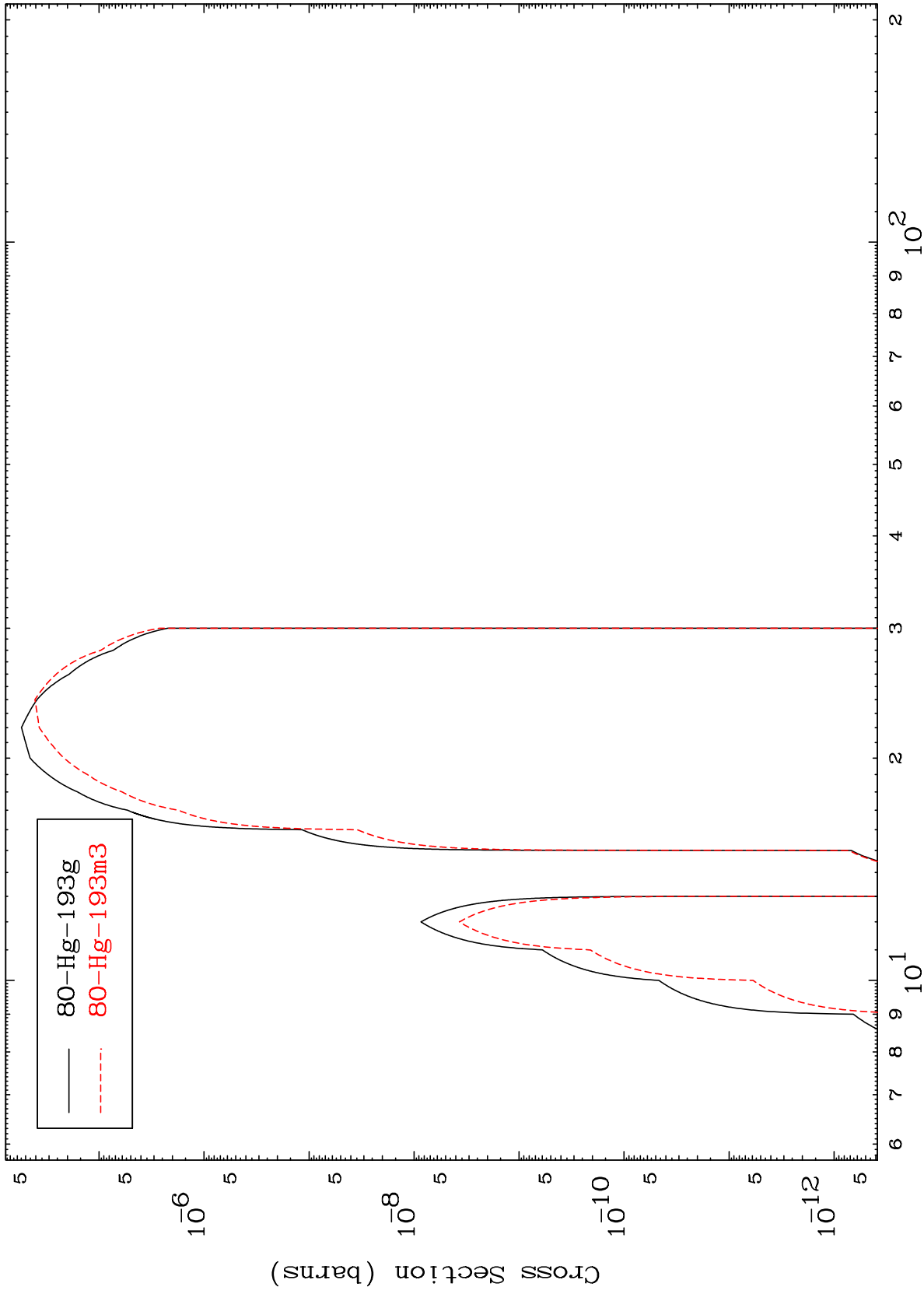
(α, n') p
Radionuclide Production Cross Section



MAT 7822

78-Pt-189

(α, γ)
Radionuclide Production Cross Section



14

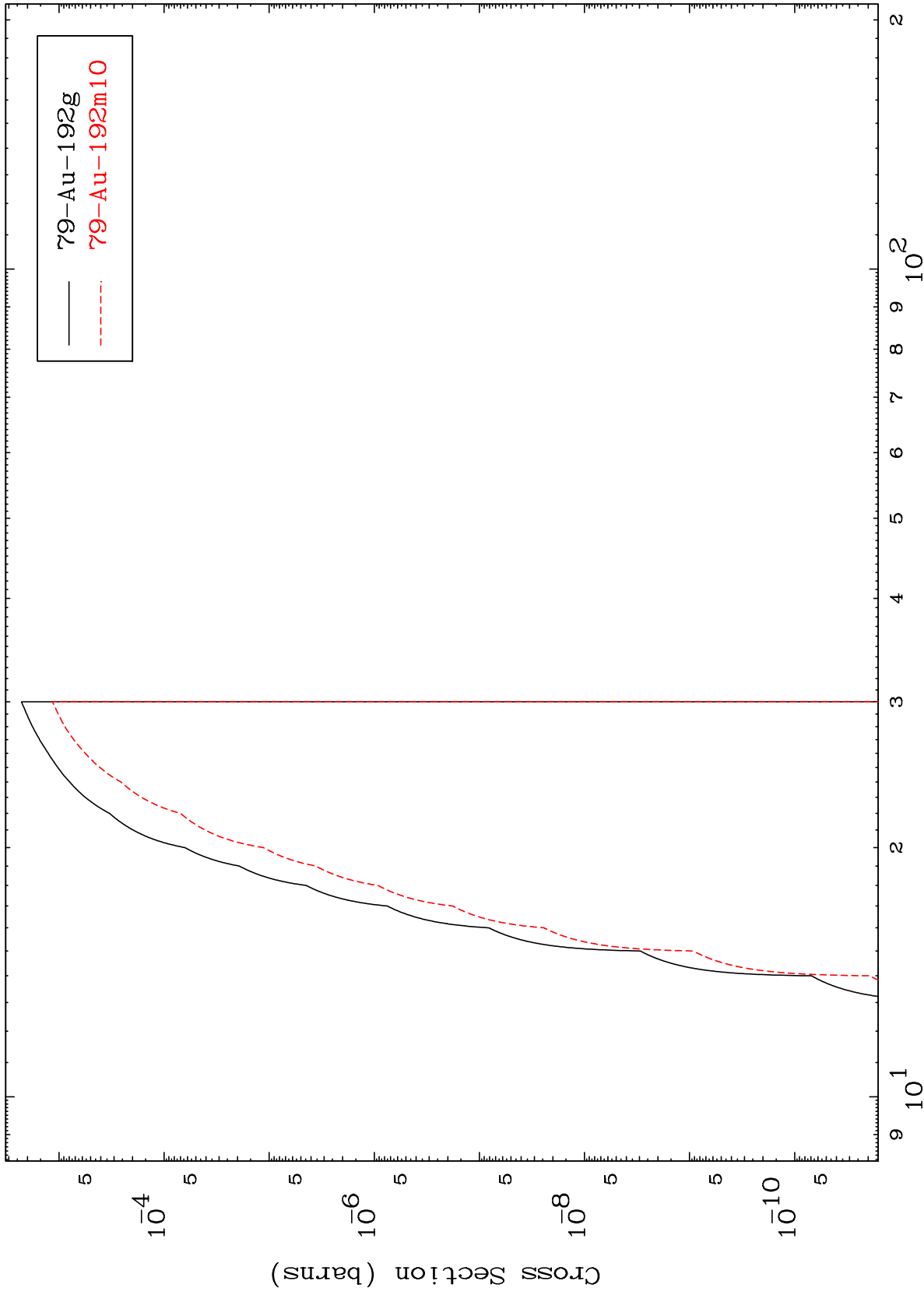
Incident Energy (MeV)

78-Pt-189

MAT 7822

78-Pt-189

(α, p)
Radionuclide Production Cross Section



15

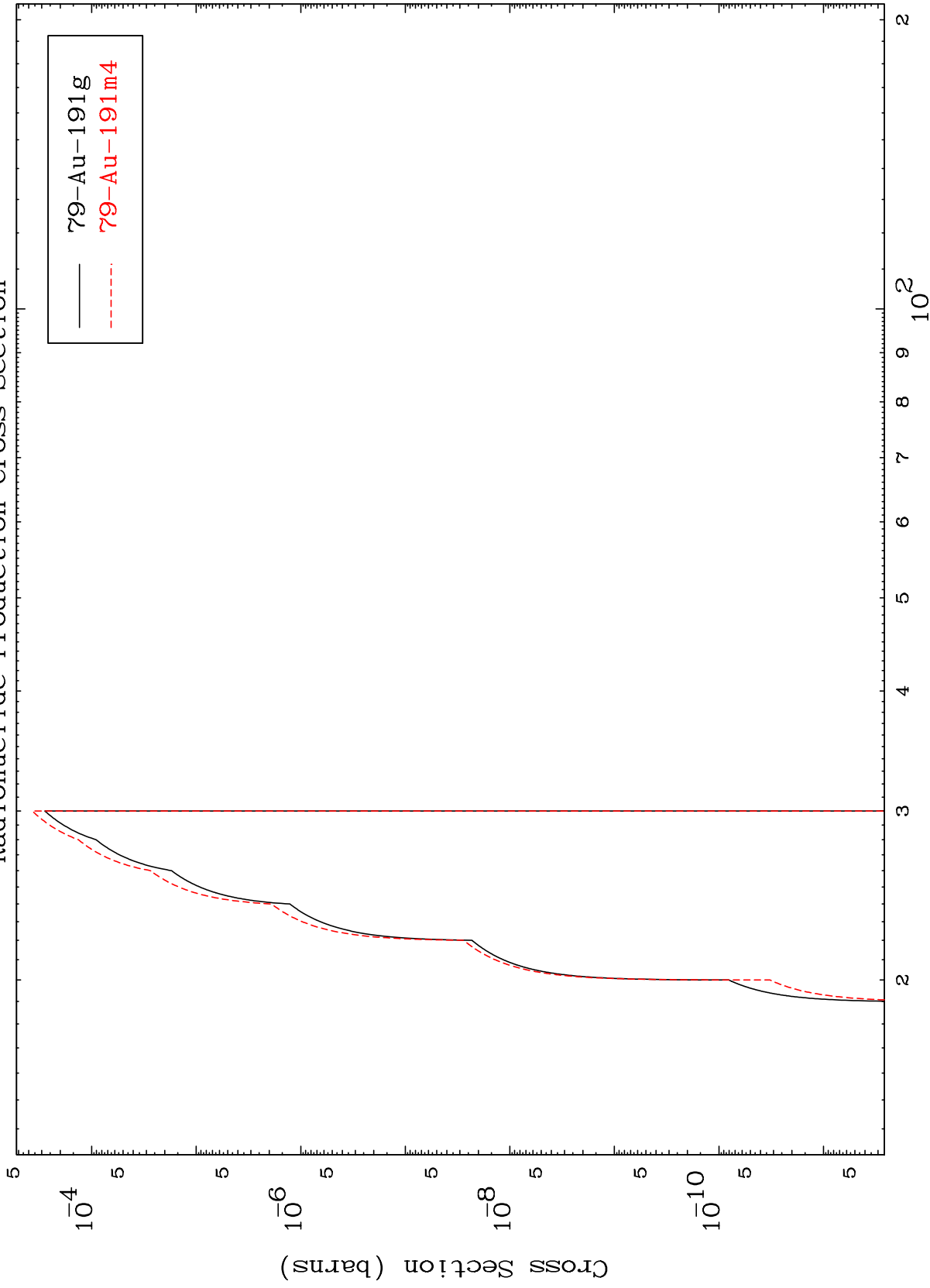
Incident Energy (MeV)

78-Pt-189

MAT 7822

78-Pt-189

(α, d)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

78-Pt-189