

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

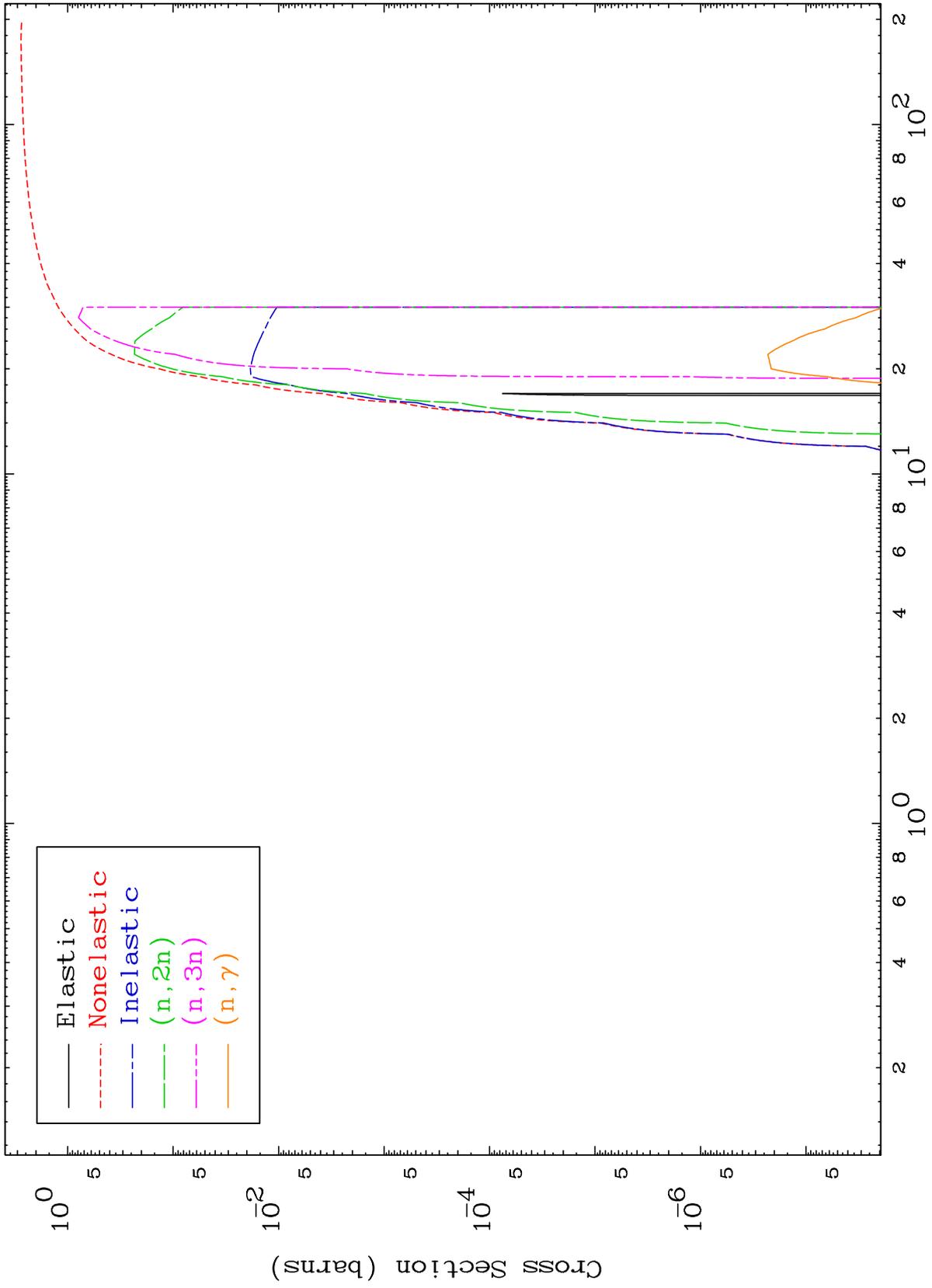
Press Mouse Button to Start

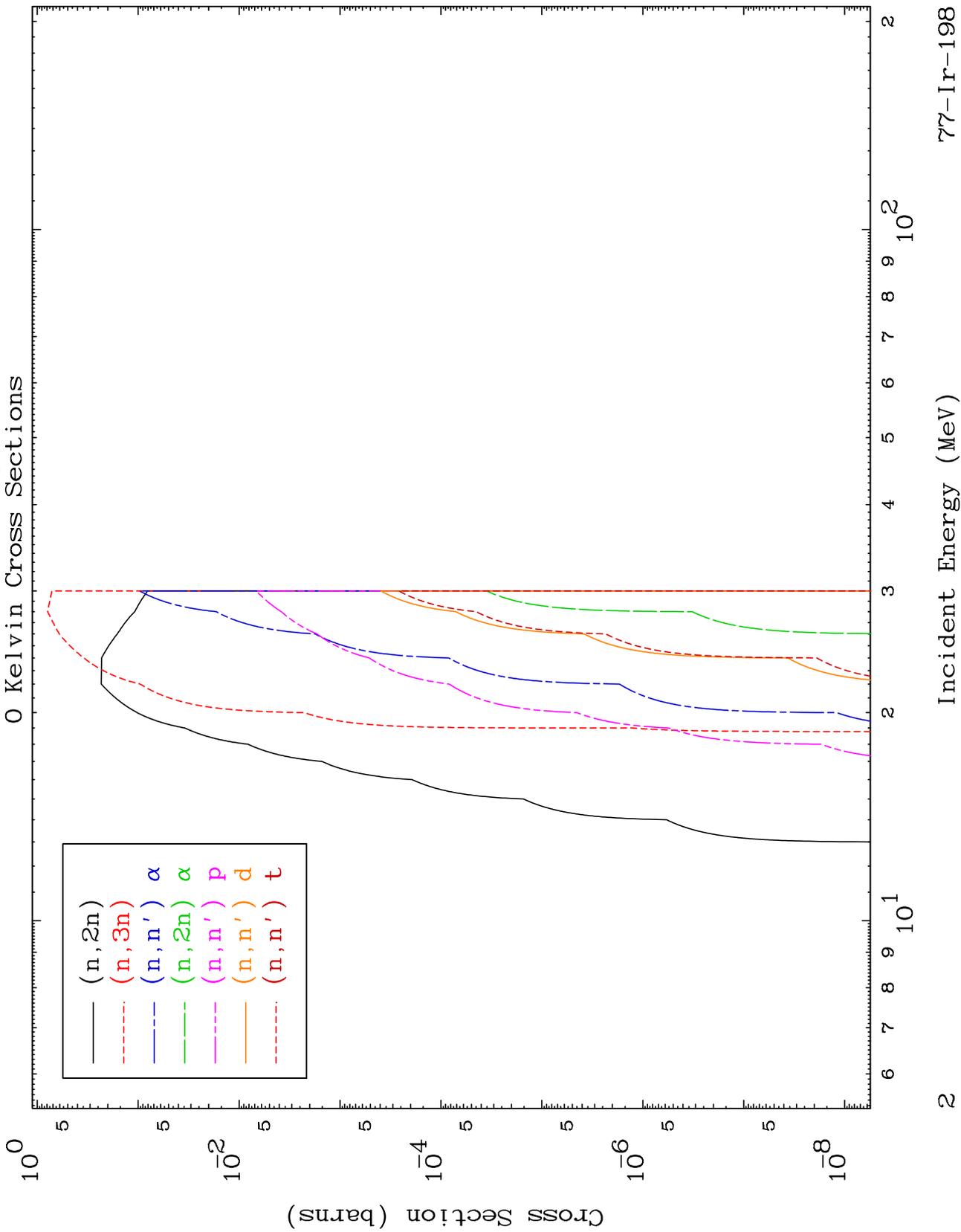
MAT 7746

0 Kelvin

Major Cross Sections

77-Ir-198

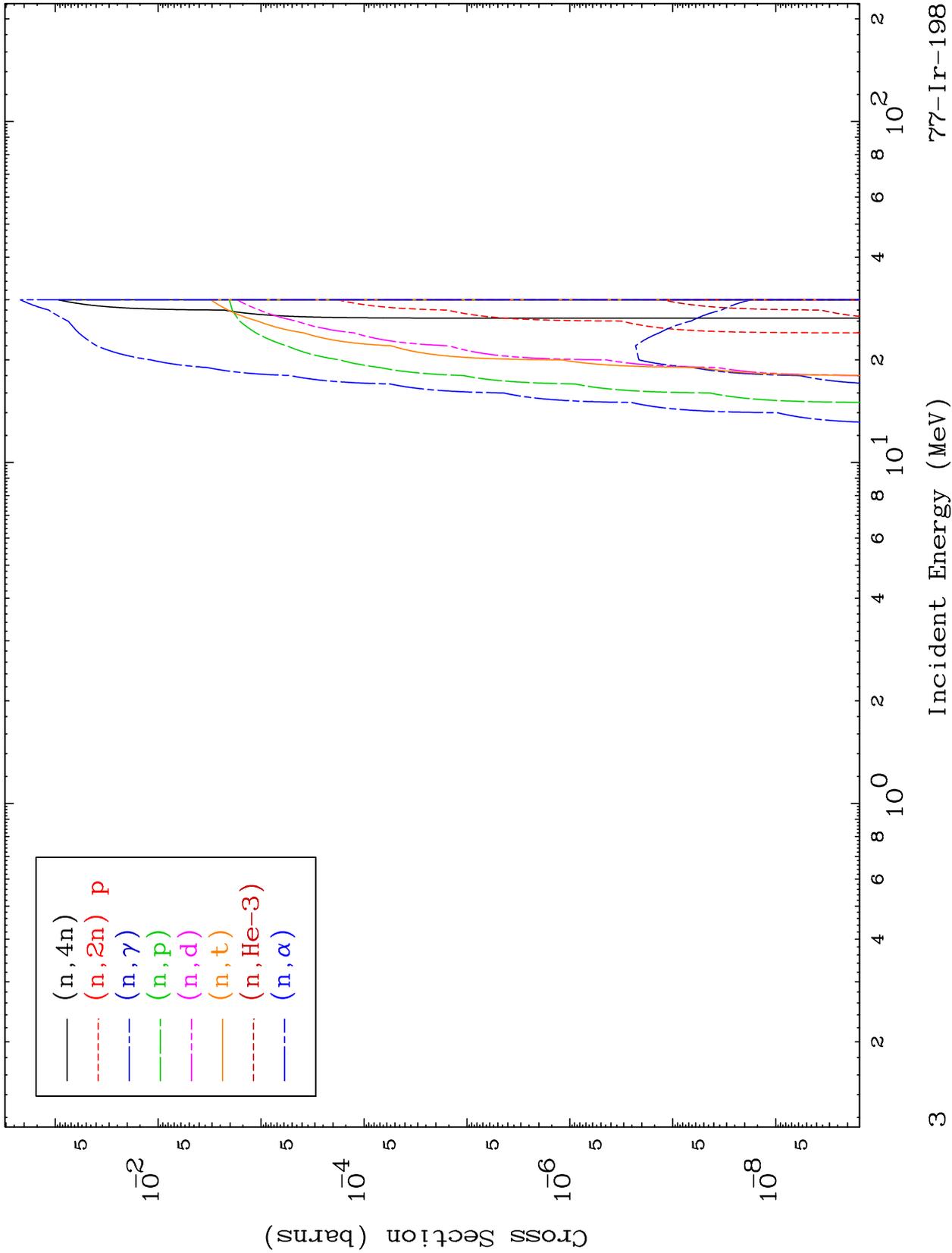


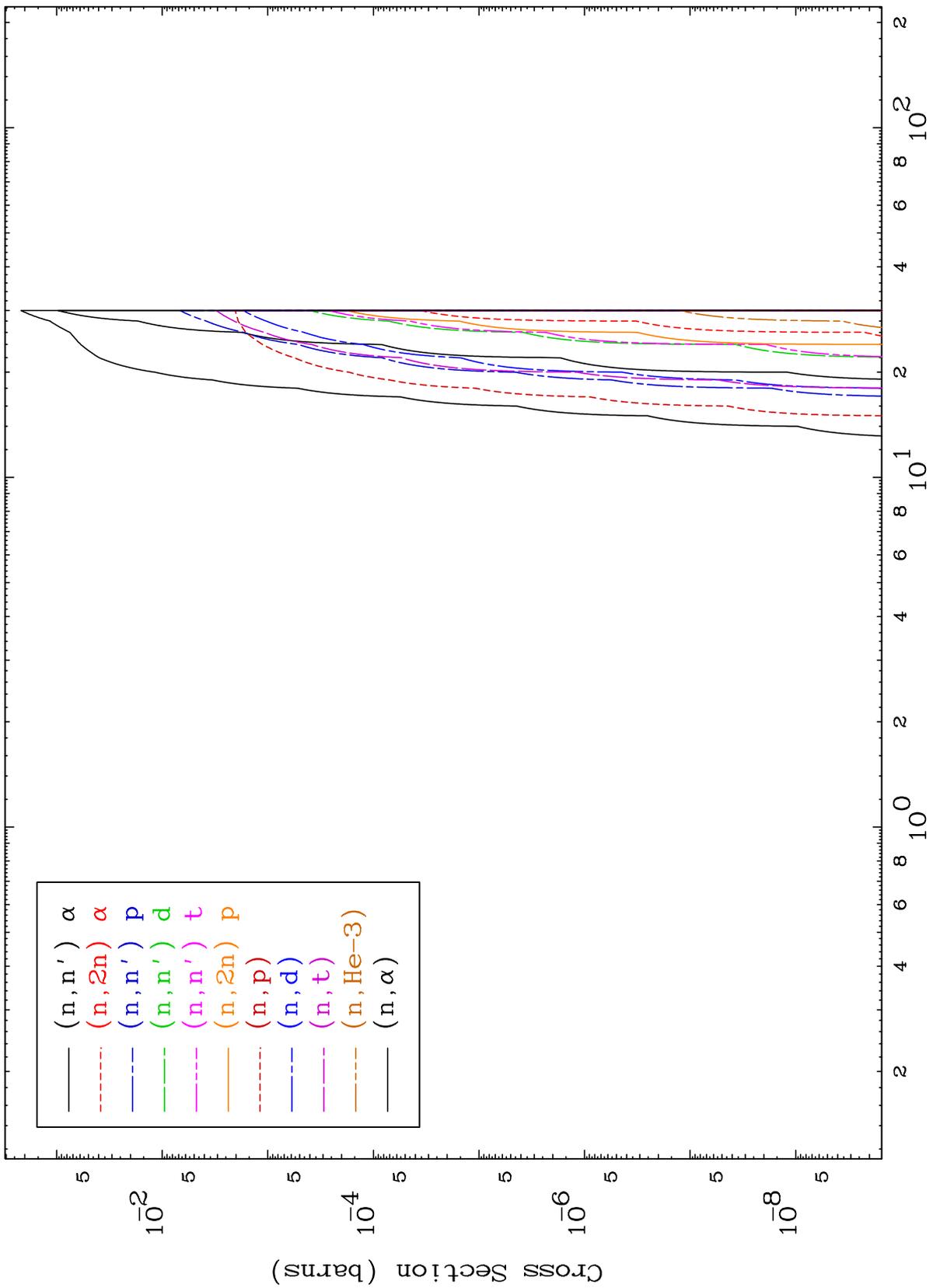


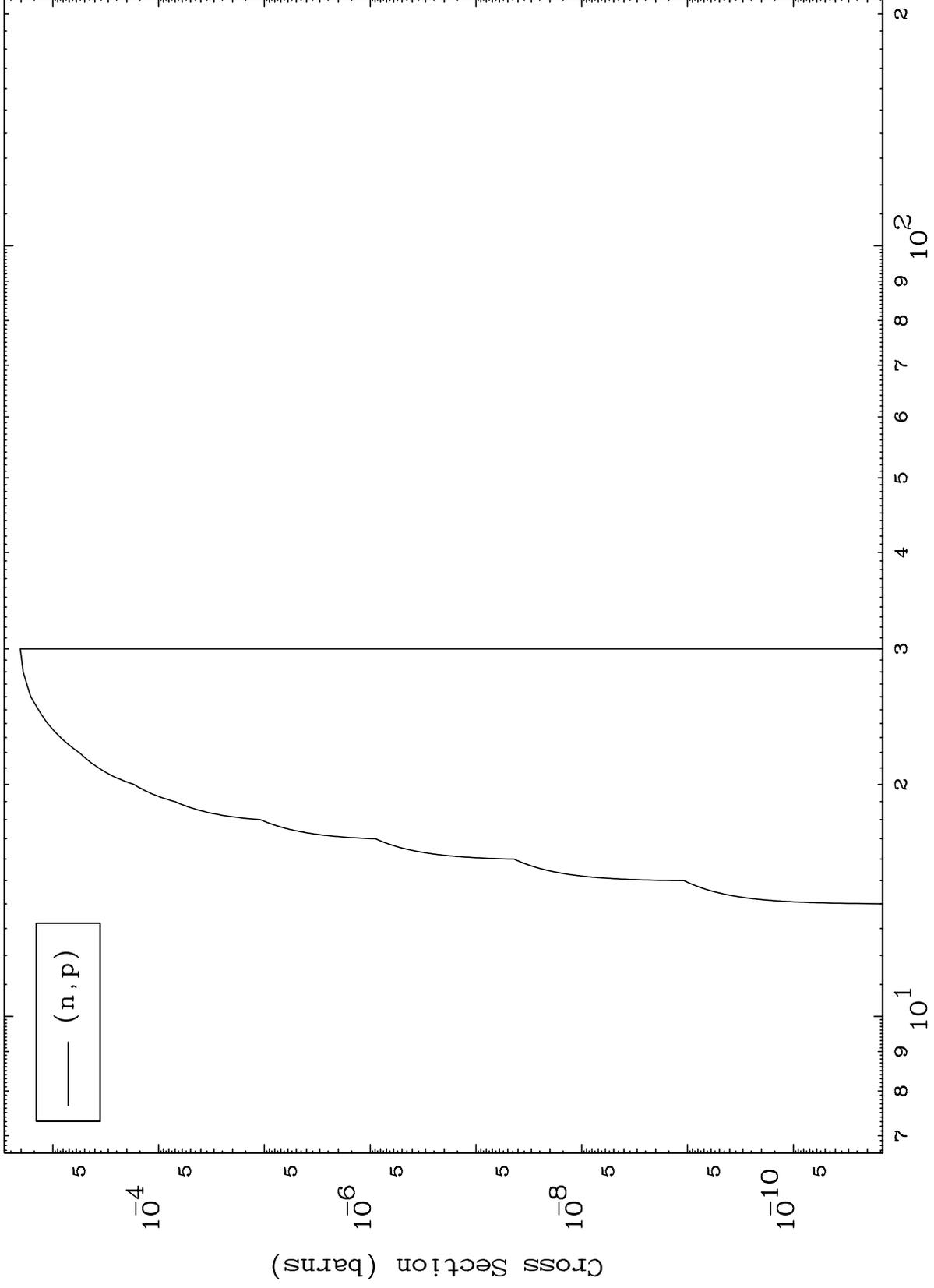
MAT 7746

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-198



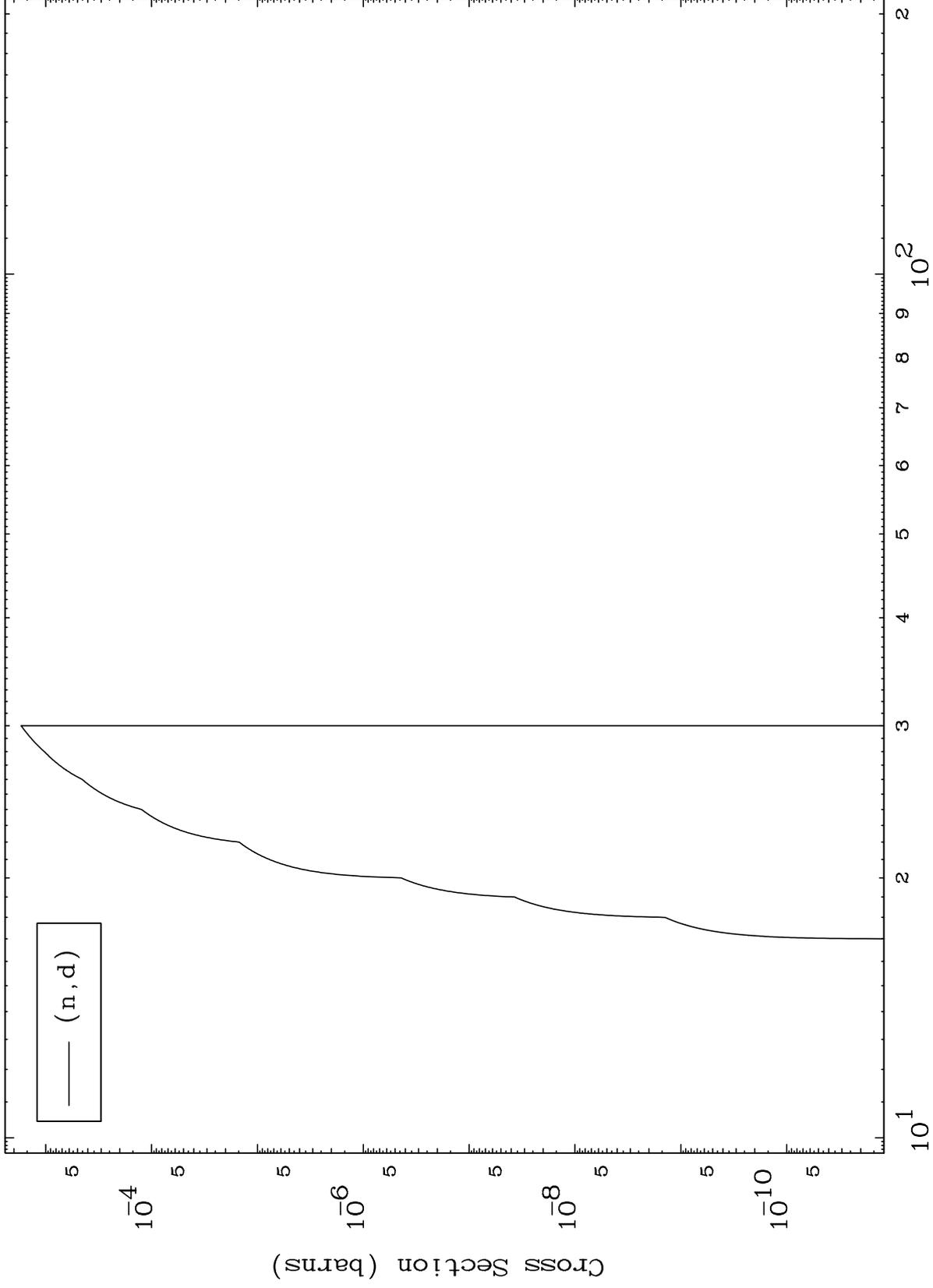




MAT 7746

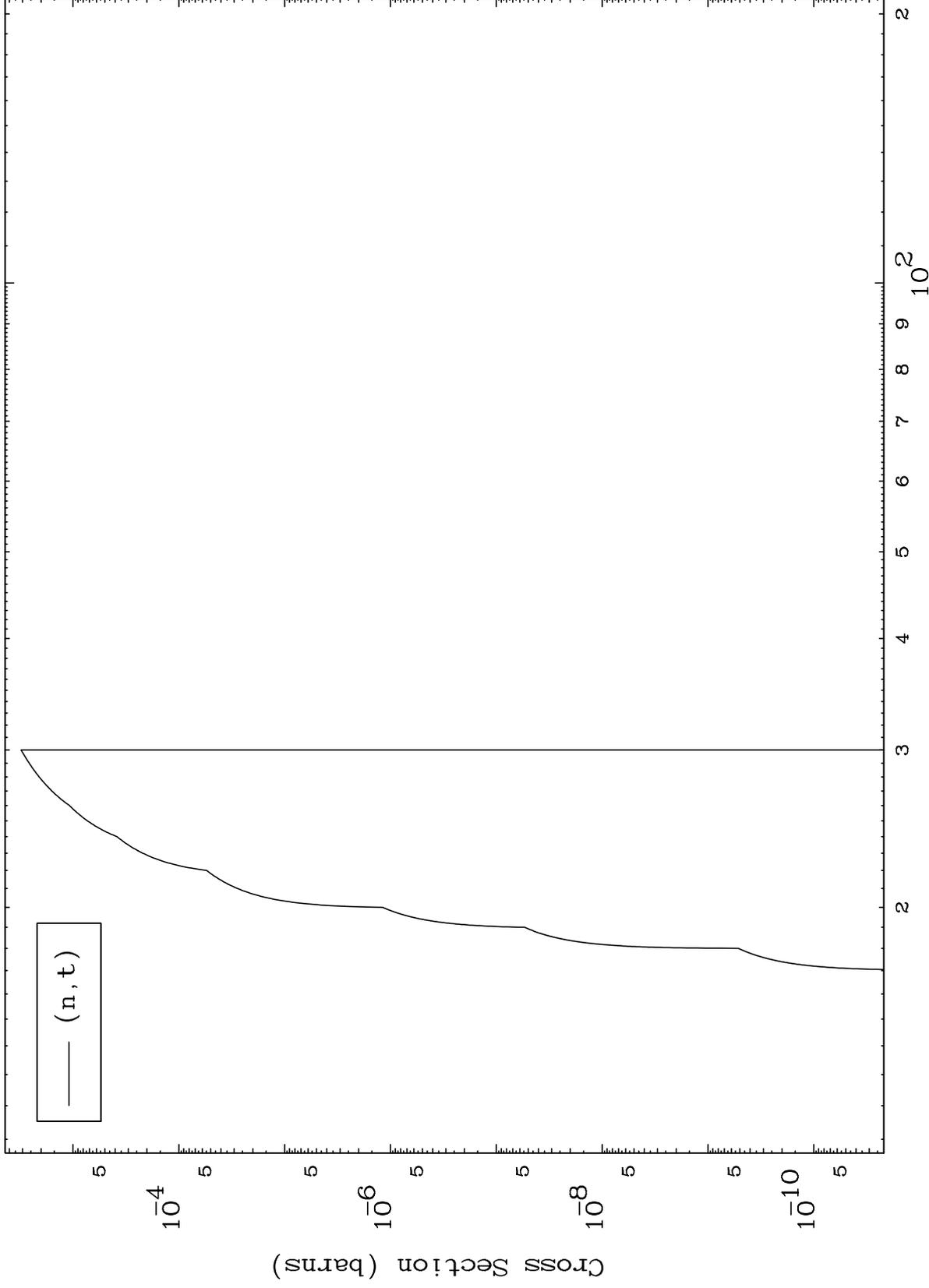
(α, d) Levels
0 Kelvin Cross Sections

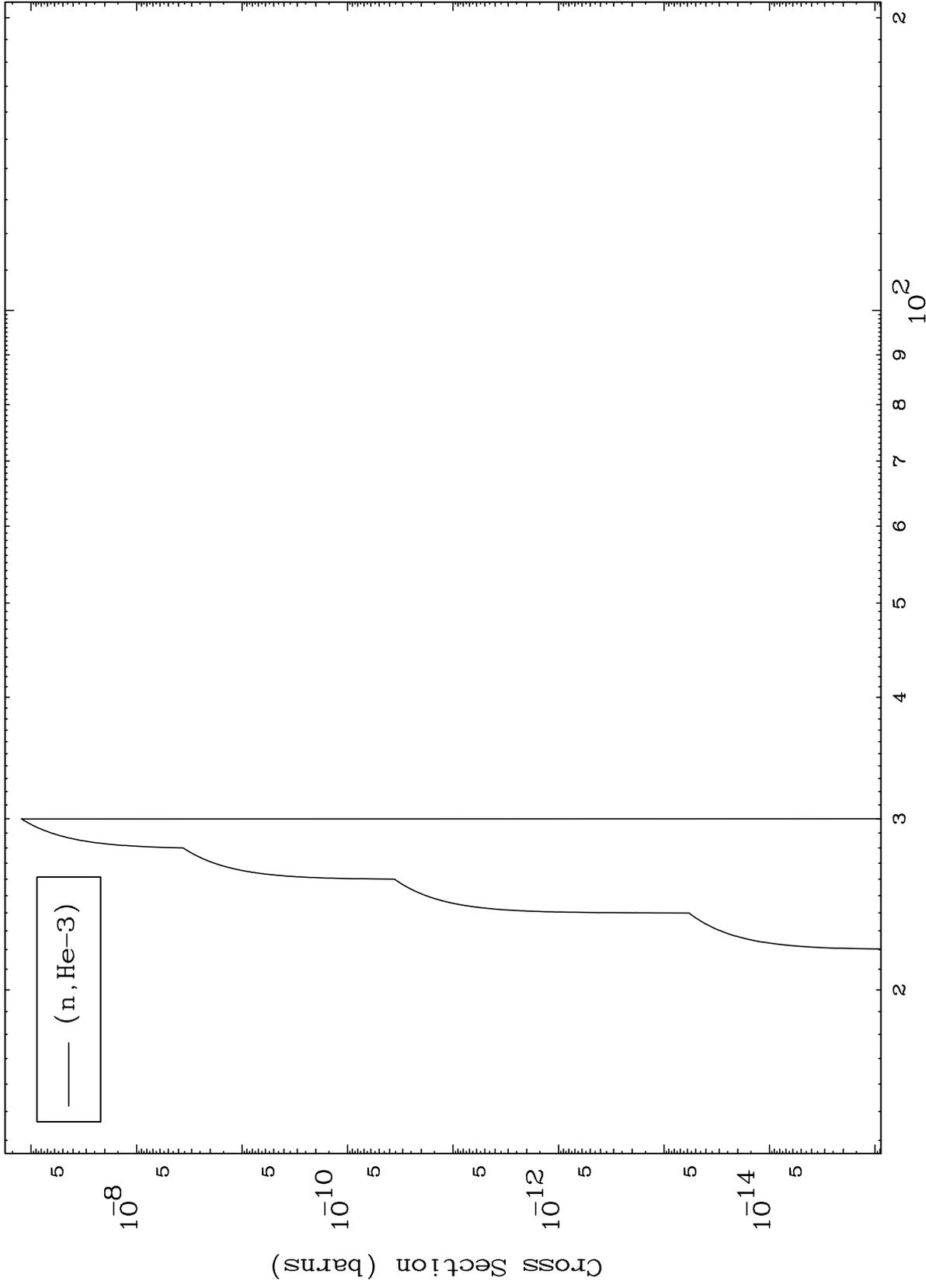
77-Ir-198



Incident Energy (MeV)

77-Ir-198



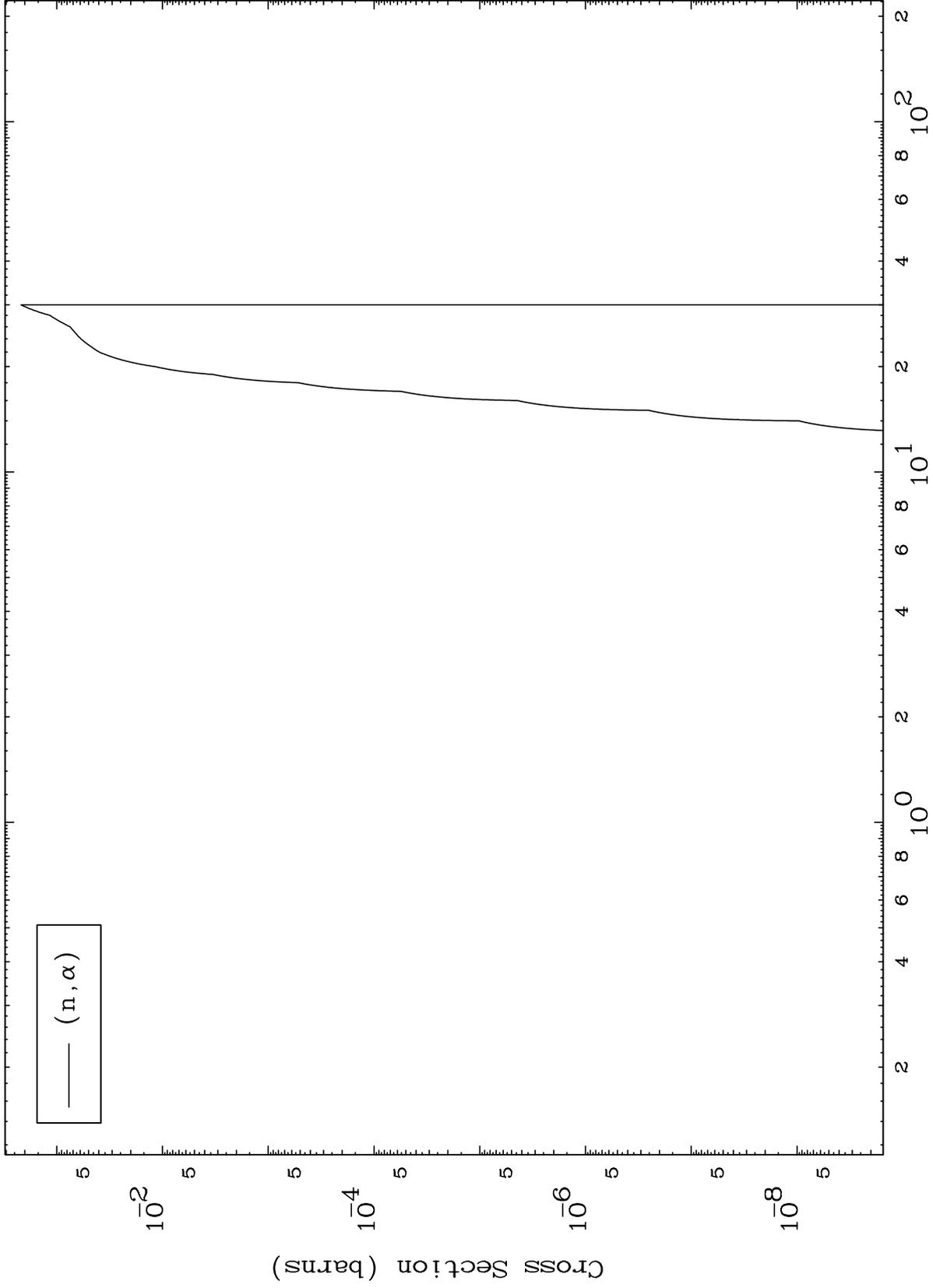


MAT 7746

(α, α) Levels

77-Ir-198

0 Kelvin Cross Sections

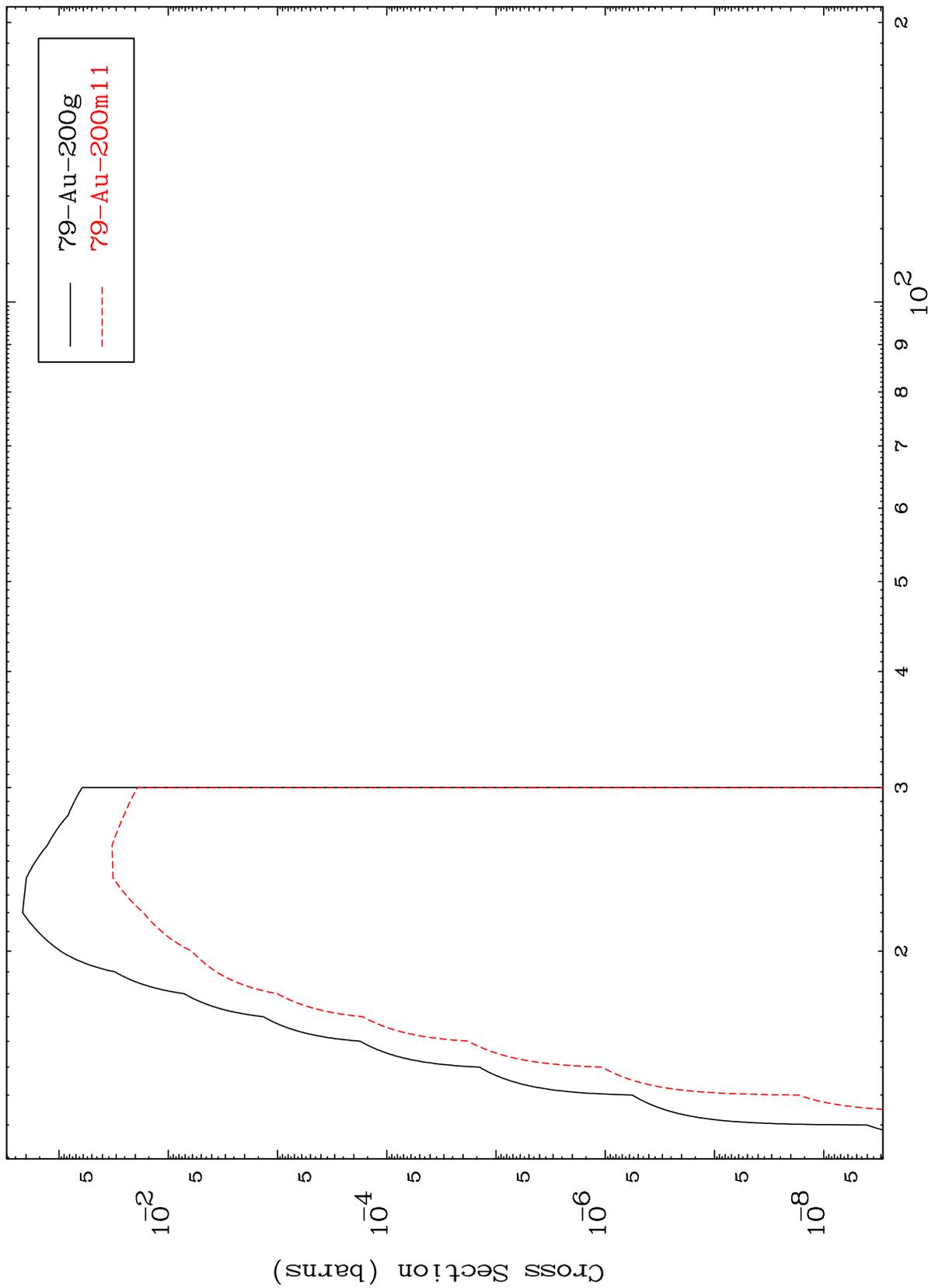


MAT 7746

77-Ir-198

(n,2n)

Radionuclide Production Cross Section



10

Incident Energy (MeV)

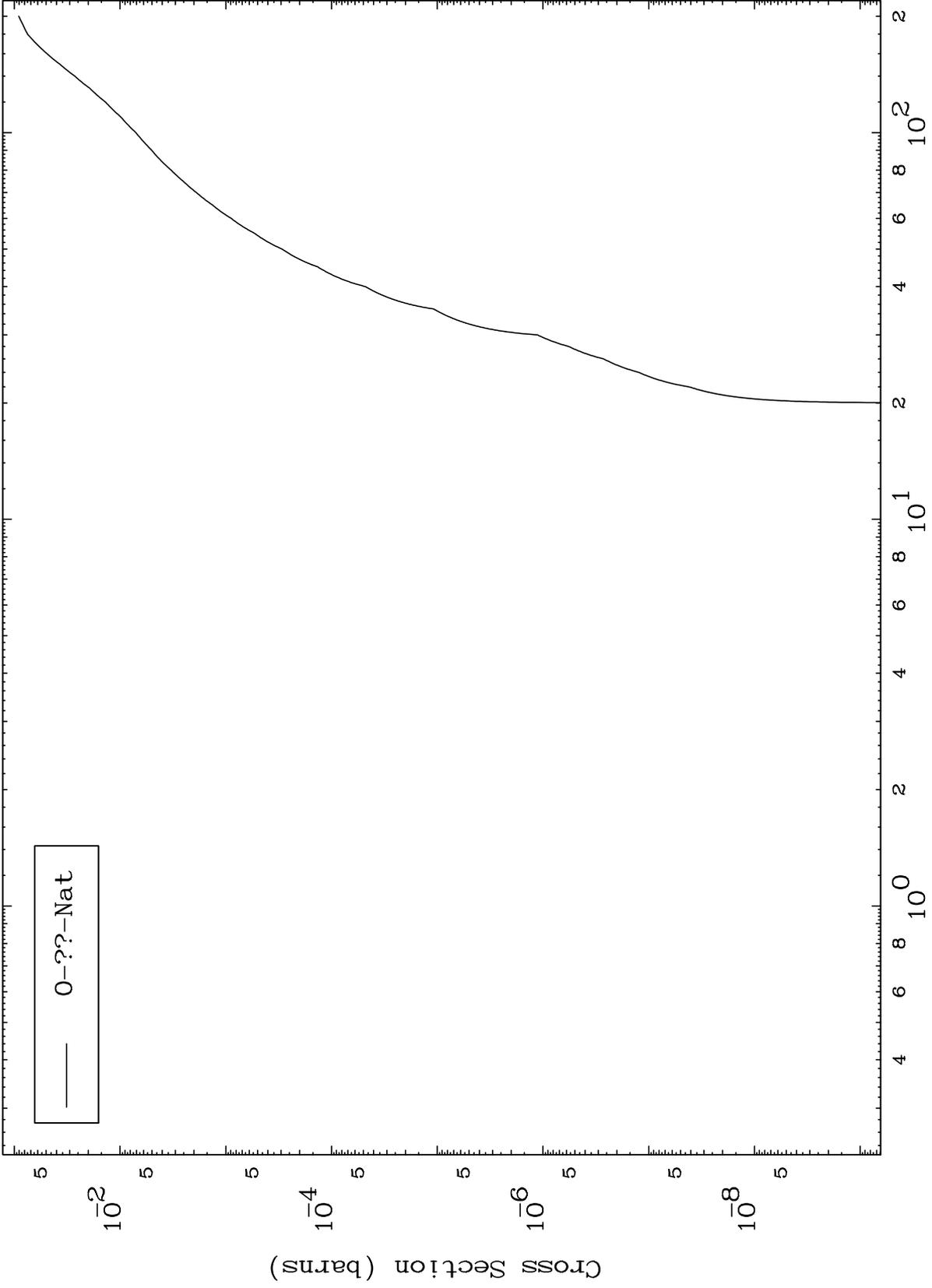
77-Ir-198

MAT 7746

Fission

77-Ir-198

Radionuclide Production Cross Section

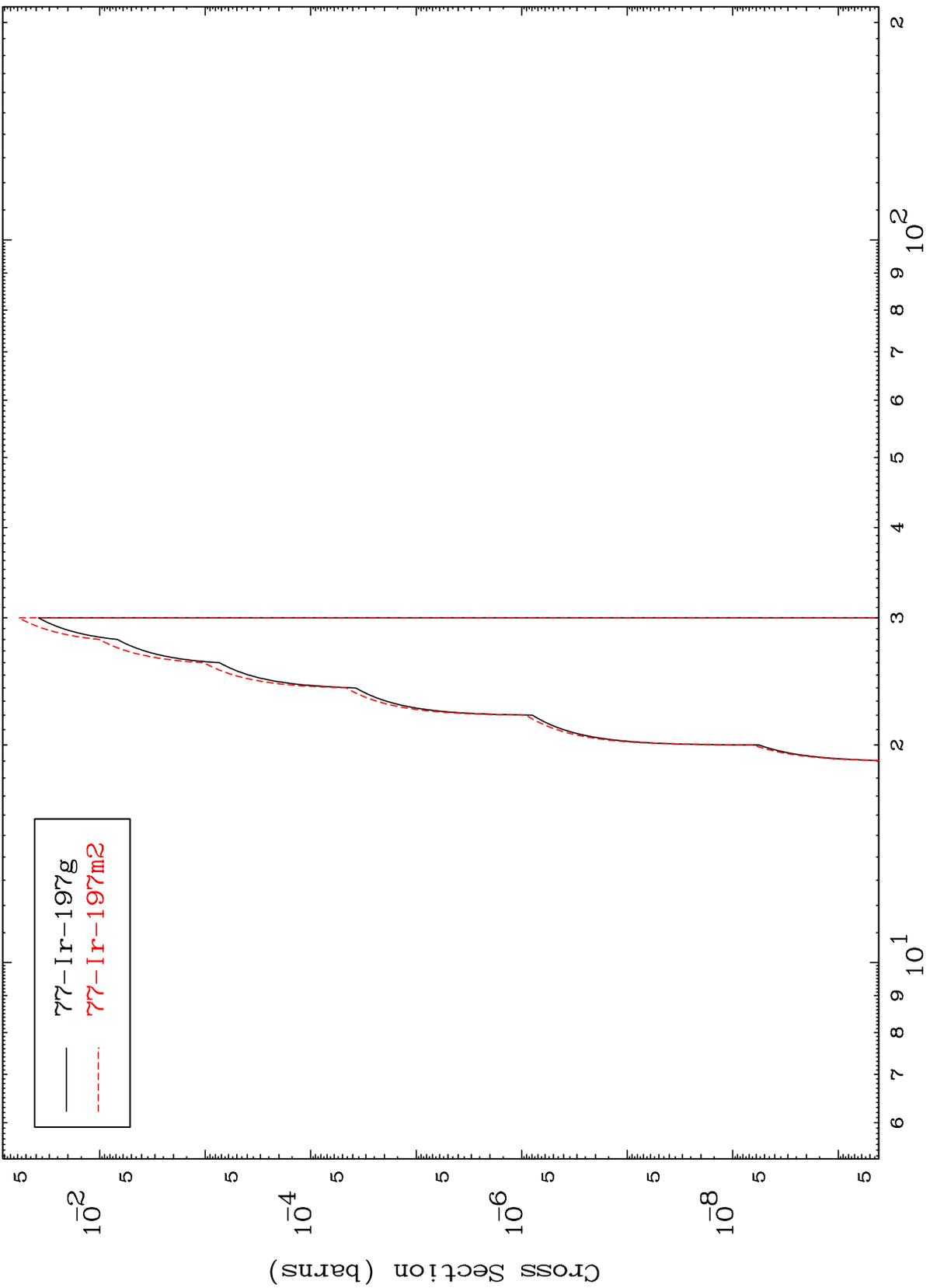


MAT 7746

$(n, n') \alpha$

$^{77}\text{Ir-198}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

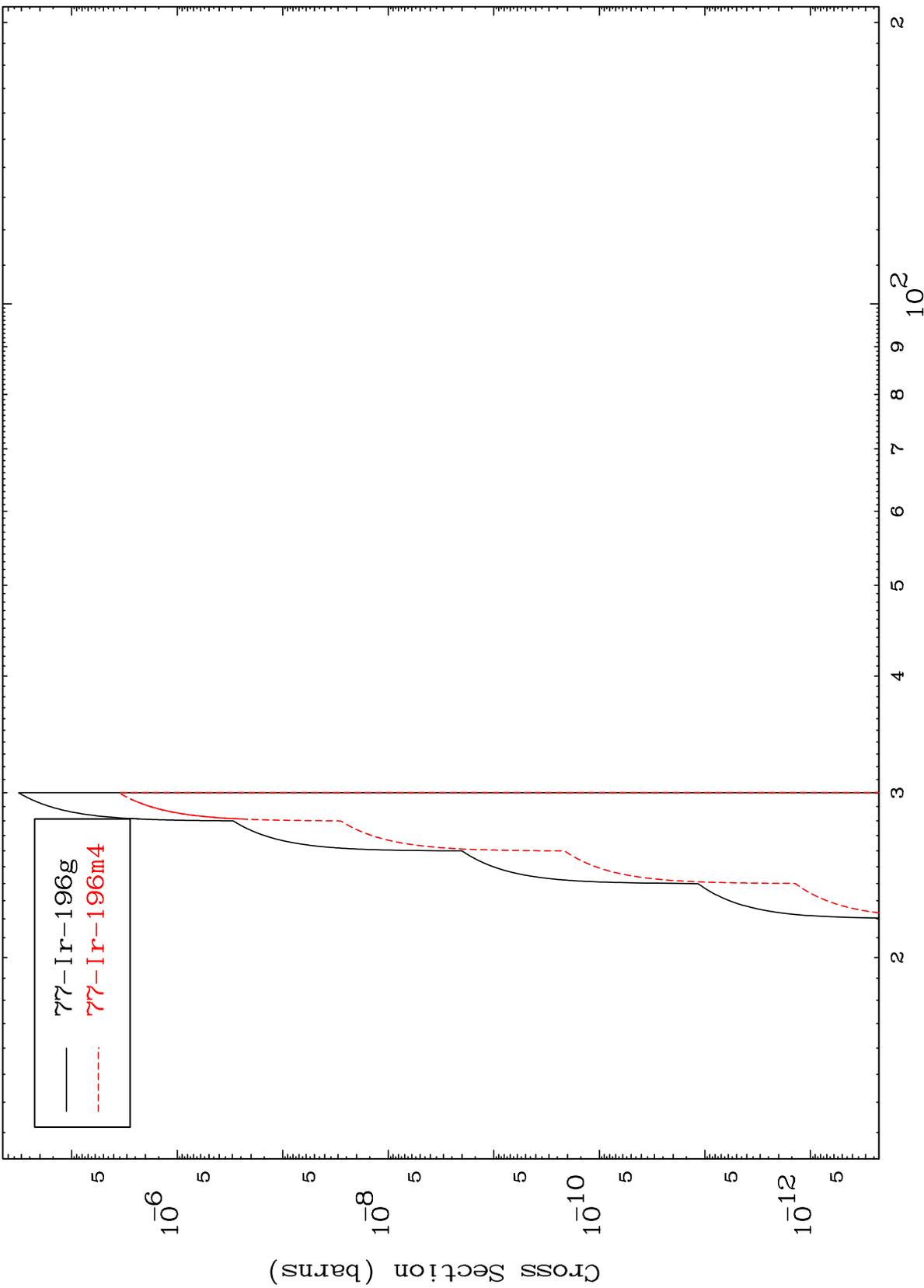
$^{77}\text{Ir-198}$

MAT 7746

(n,2n) α

⁷⁷Ir-198

Radionuclide Production Cross Section

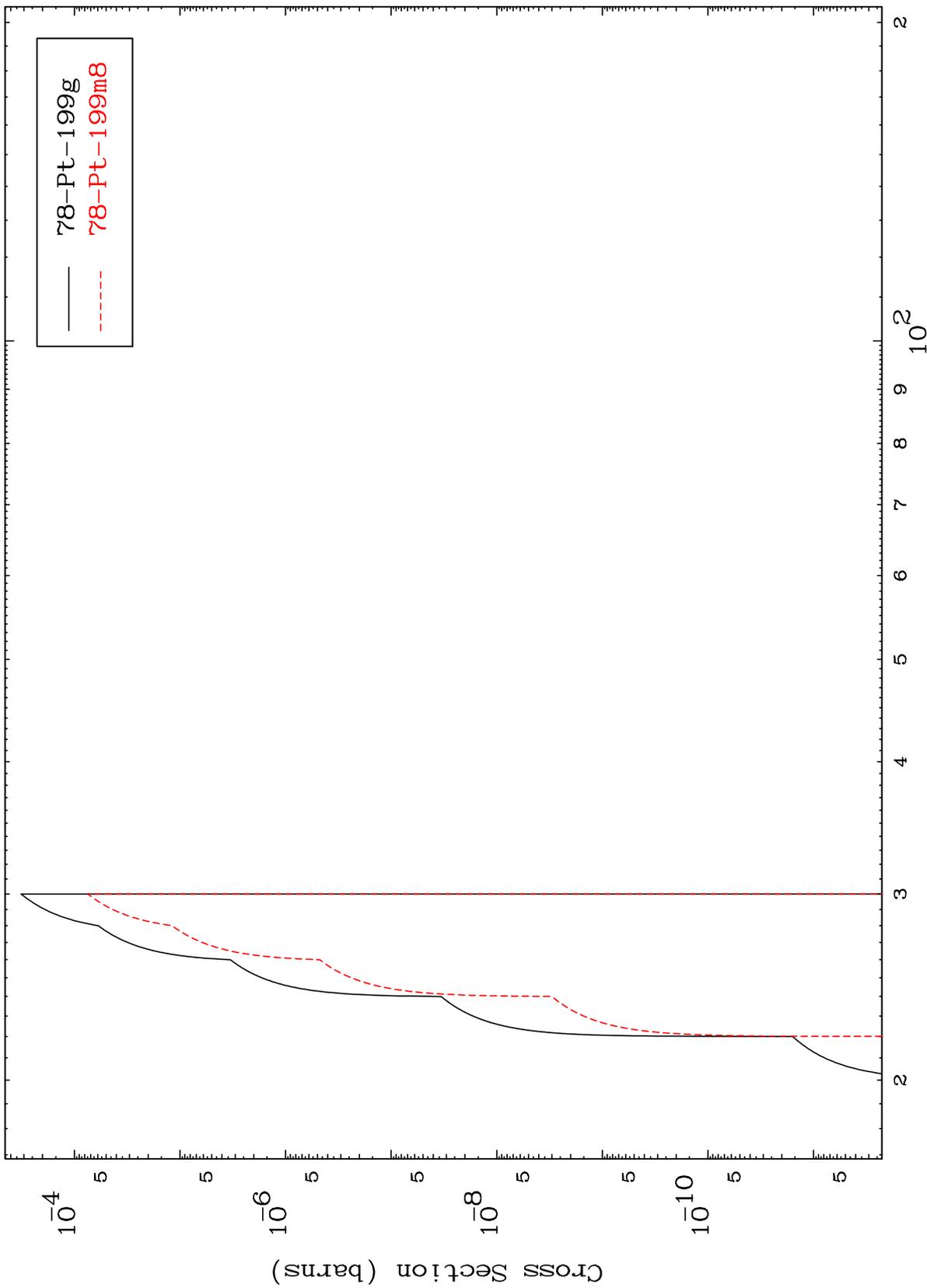


MAT 7746

(n,n') d

77-Ir-198

Radionuclide Production Cross Section



14

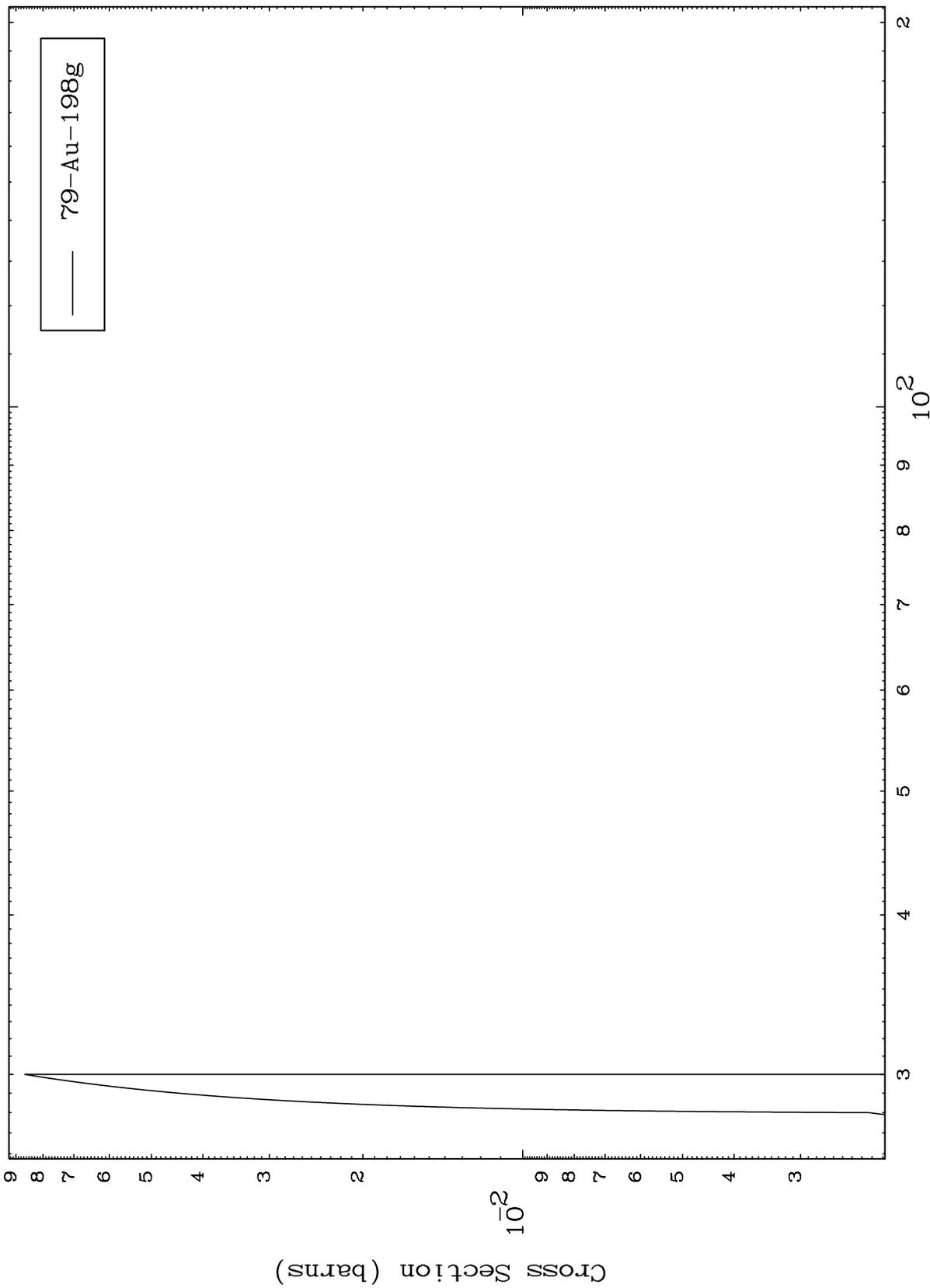
Incident Energy (MeV)

77-Ir-198

MAT 7746

77-Ir-198

(n,4n)
Radionuclide Production Cross Section



79-Au-198g

77-Ir-198

Incident Energy (MeV)

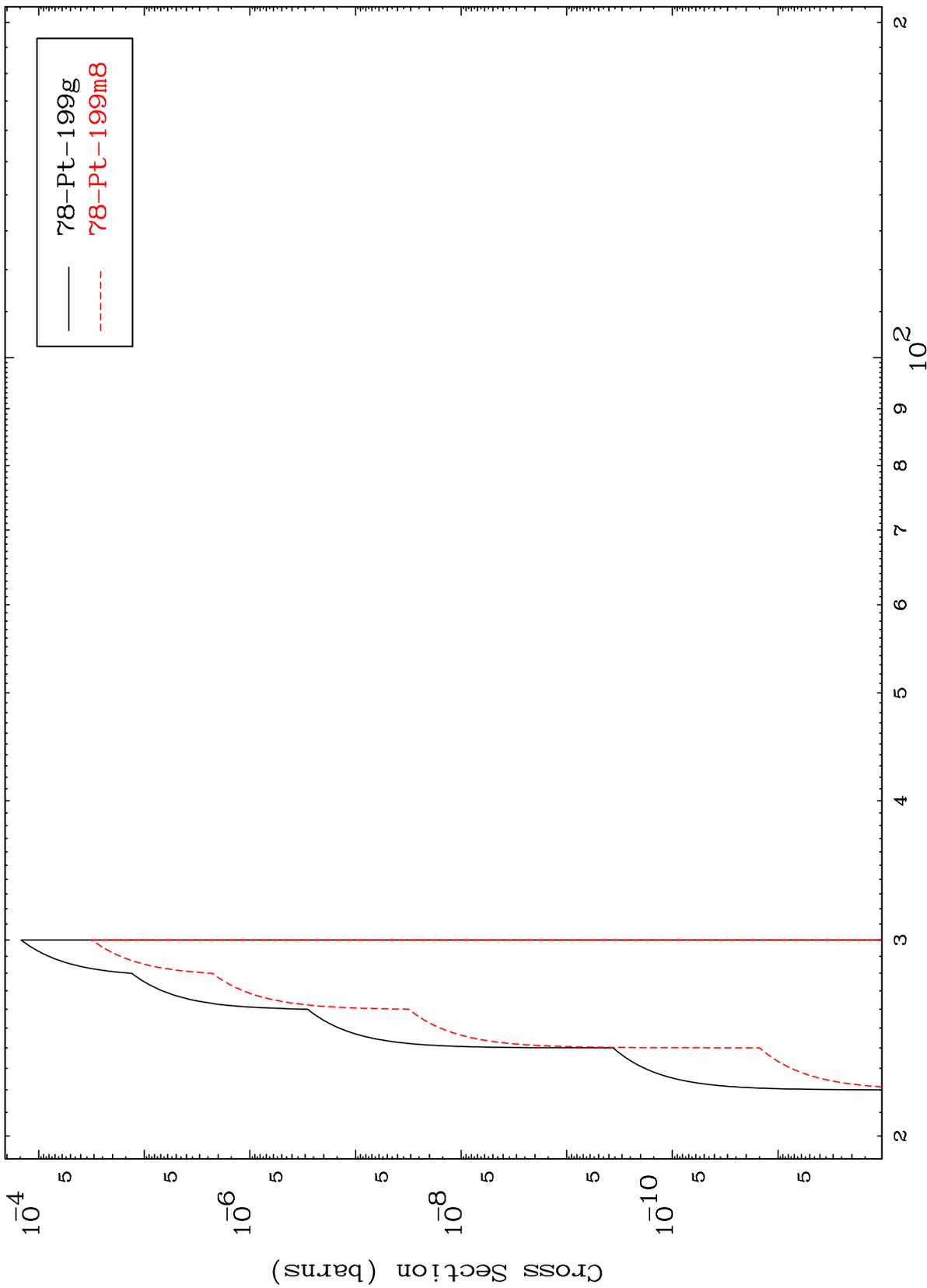
15

MAT 7746

(n,2n) p

77-Ir-198

Radionuclide Production Cross Section

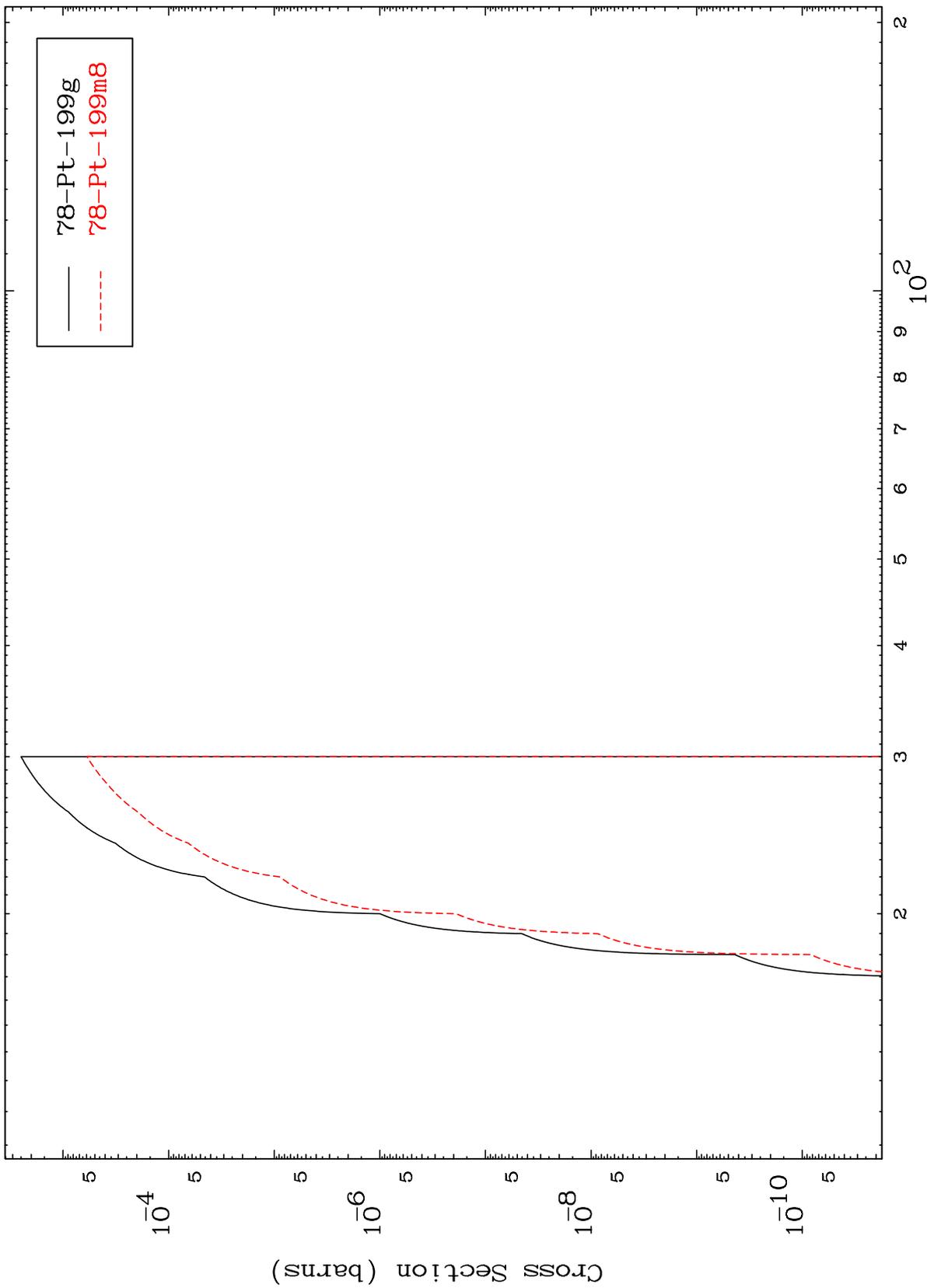


16

Incident Energy (MeV)

77-Ir-198

(n, t)
Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m8