

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

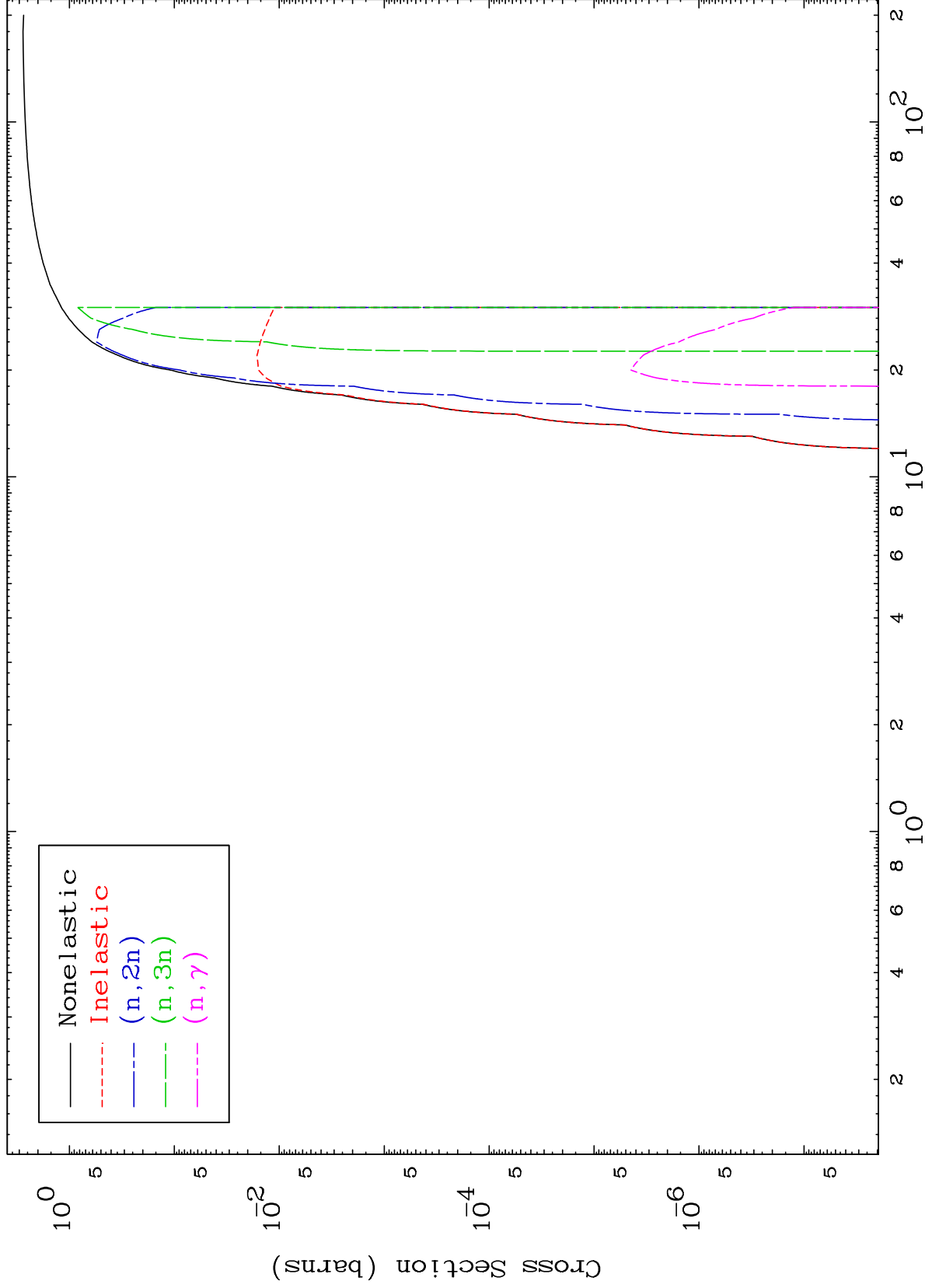
Press Mouse Button to Start

MAT 7849

α Major

78-Pt-198

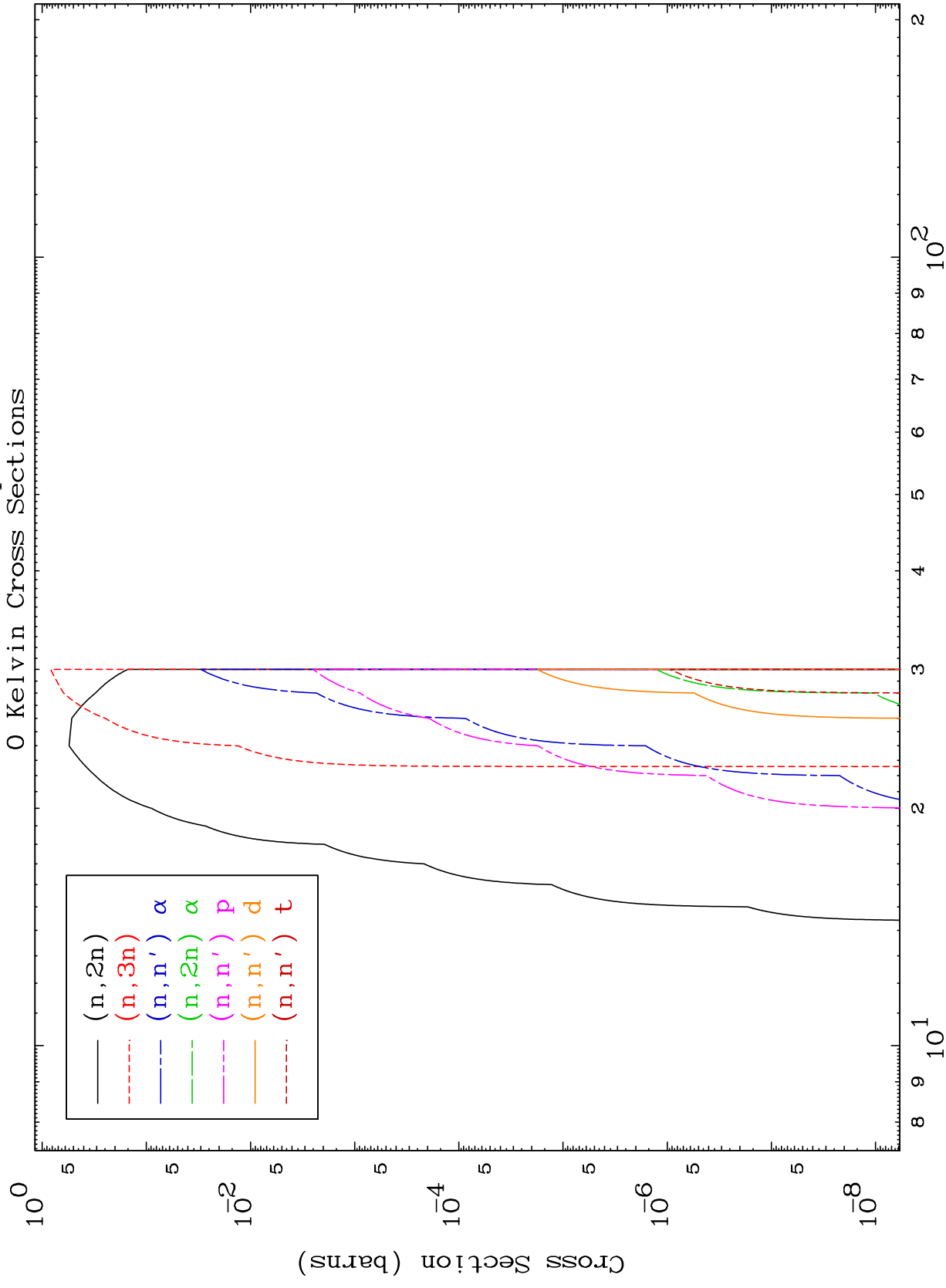
0 Kelvin Cross Sections



MAT 7849

α Neutron Absorption 0 Kelvin Cross Sections

78-Pt-198



2

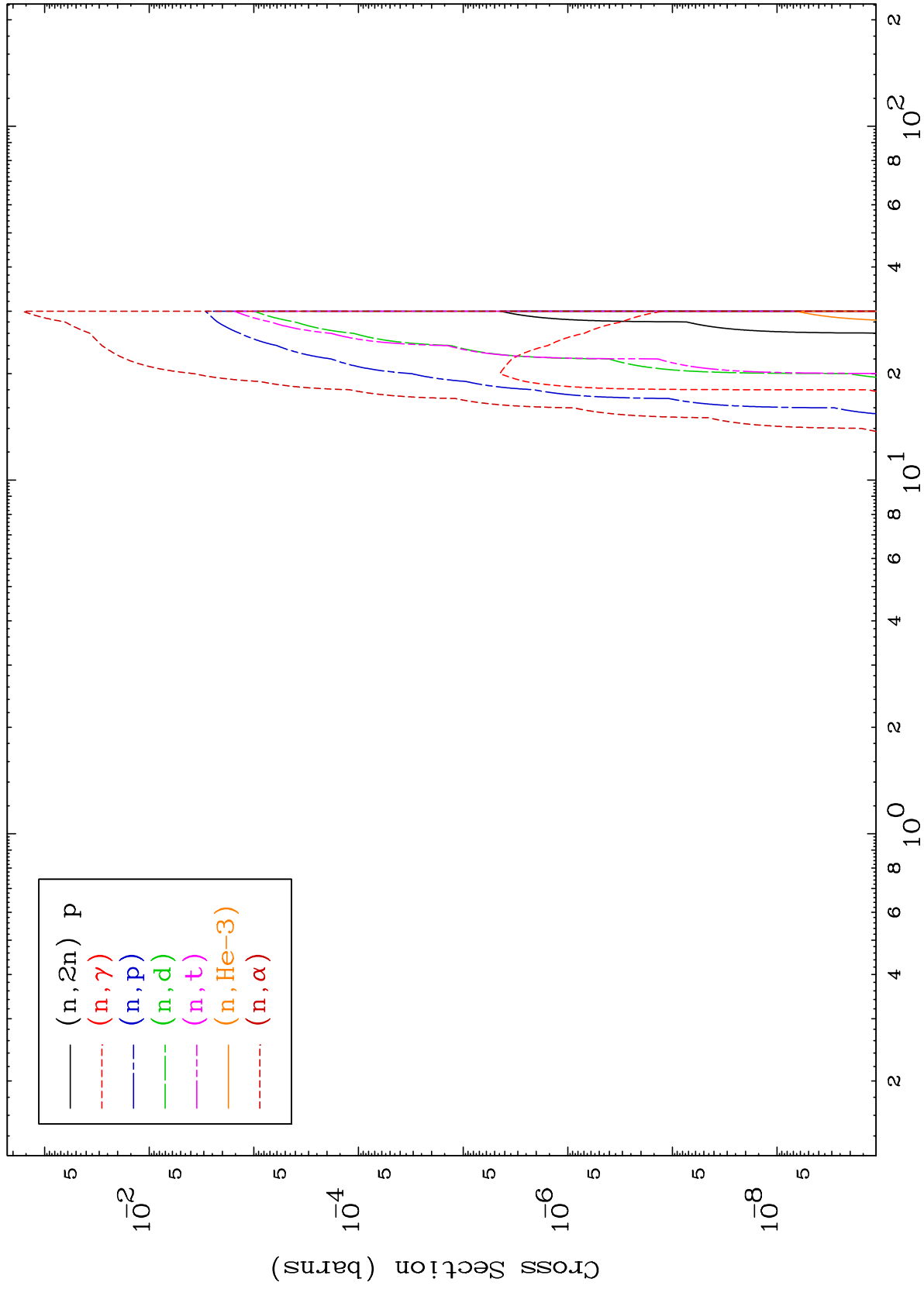
Incident Energy (MeV)

78-Pt-198

MAT 7849

α Neutron Absorption
0 Kelvin Cross Sections

78-Pt-198



3

Incident Energy (MeV)

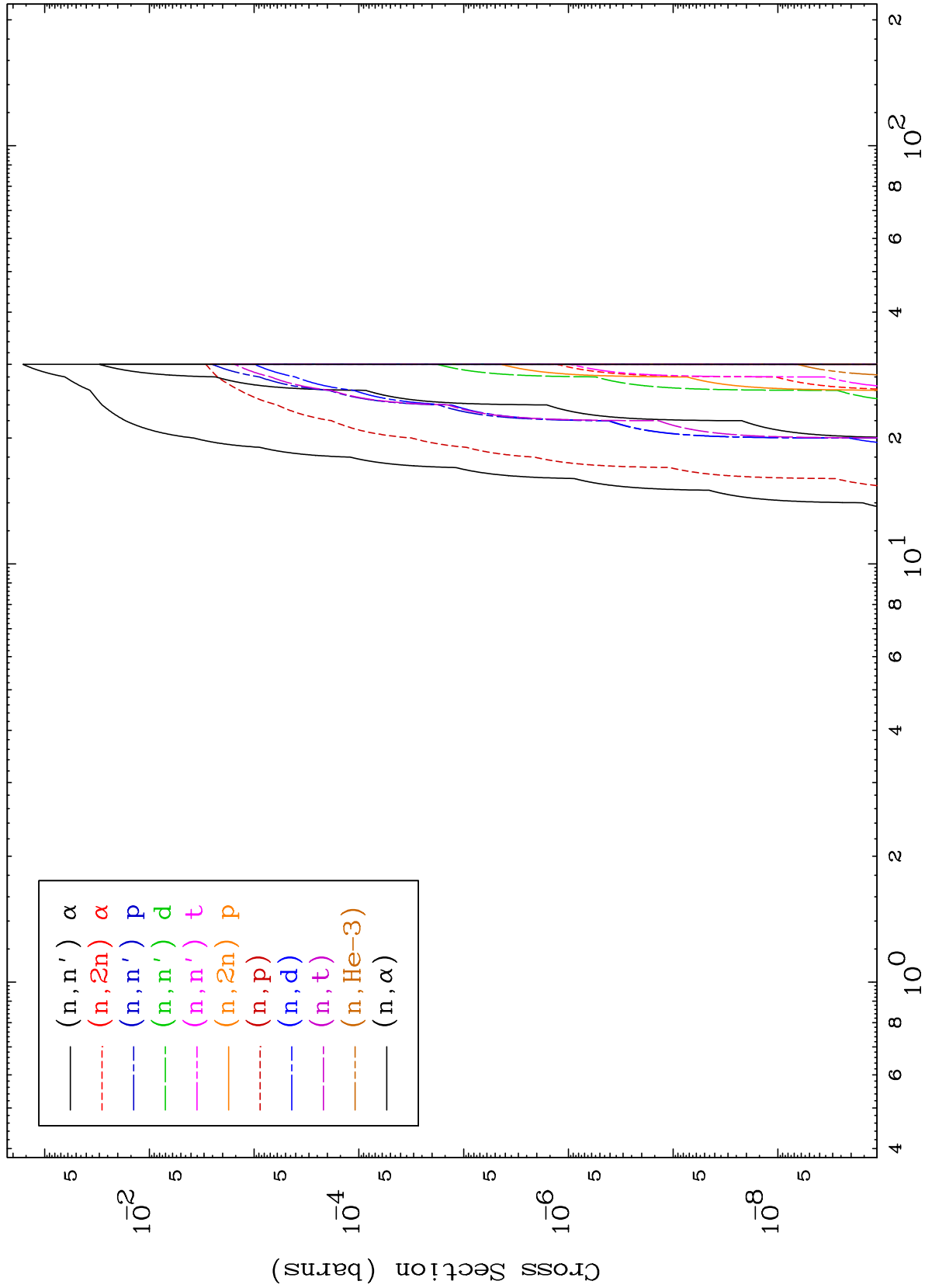
78-Pt-198

MAT 7849

α Charged Particle

78-Pt-198

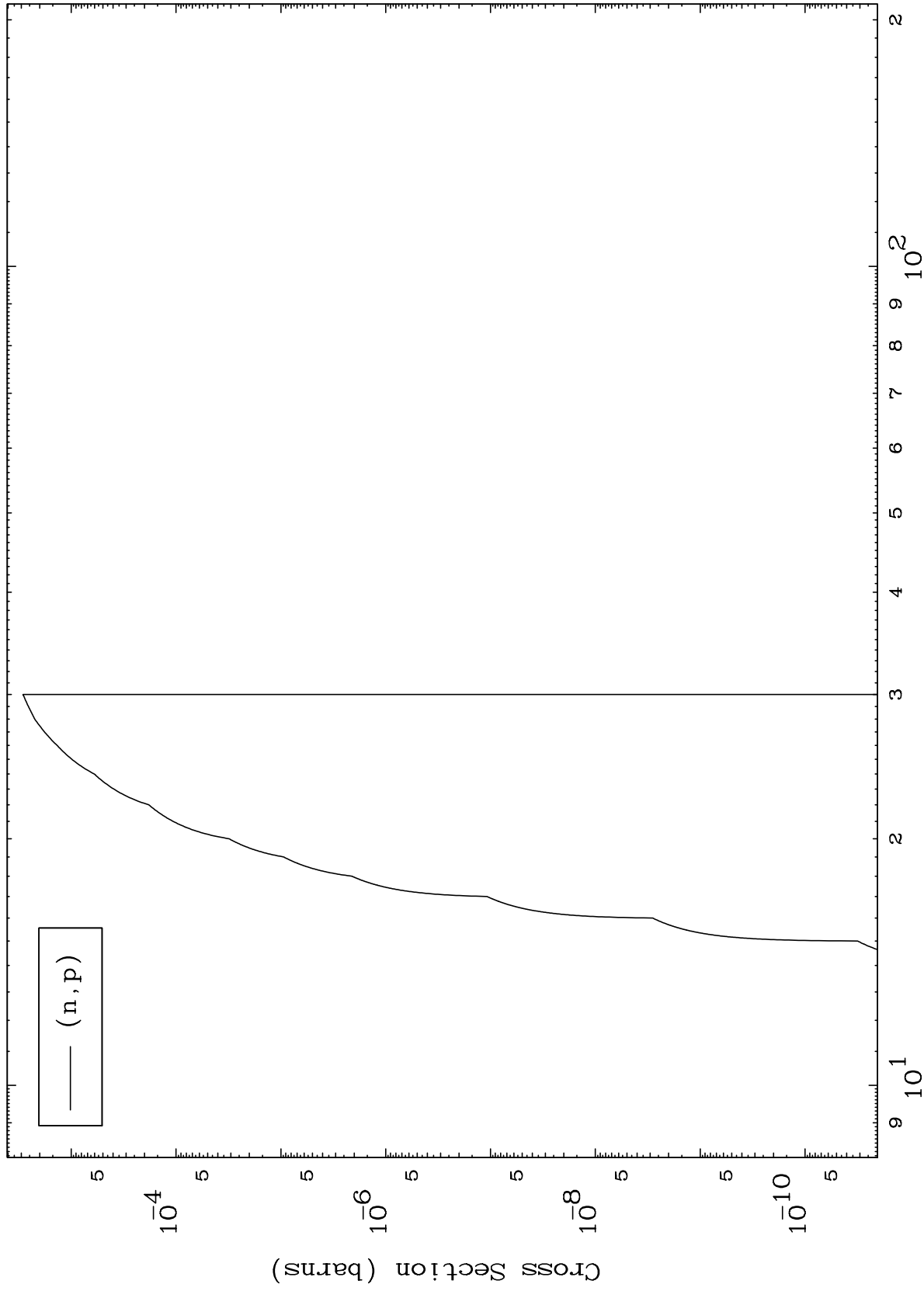
0 Kelvin Cross Sections



MAT 7849

78-Pt-198

(α, p) Levels
0 Kelvin Cross Sections



5

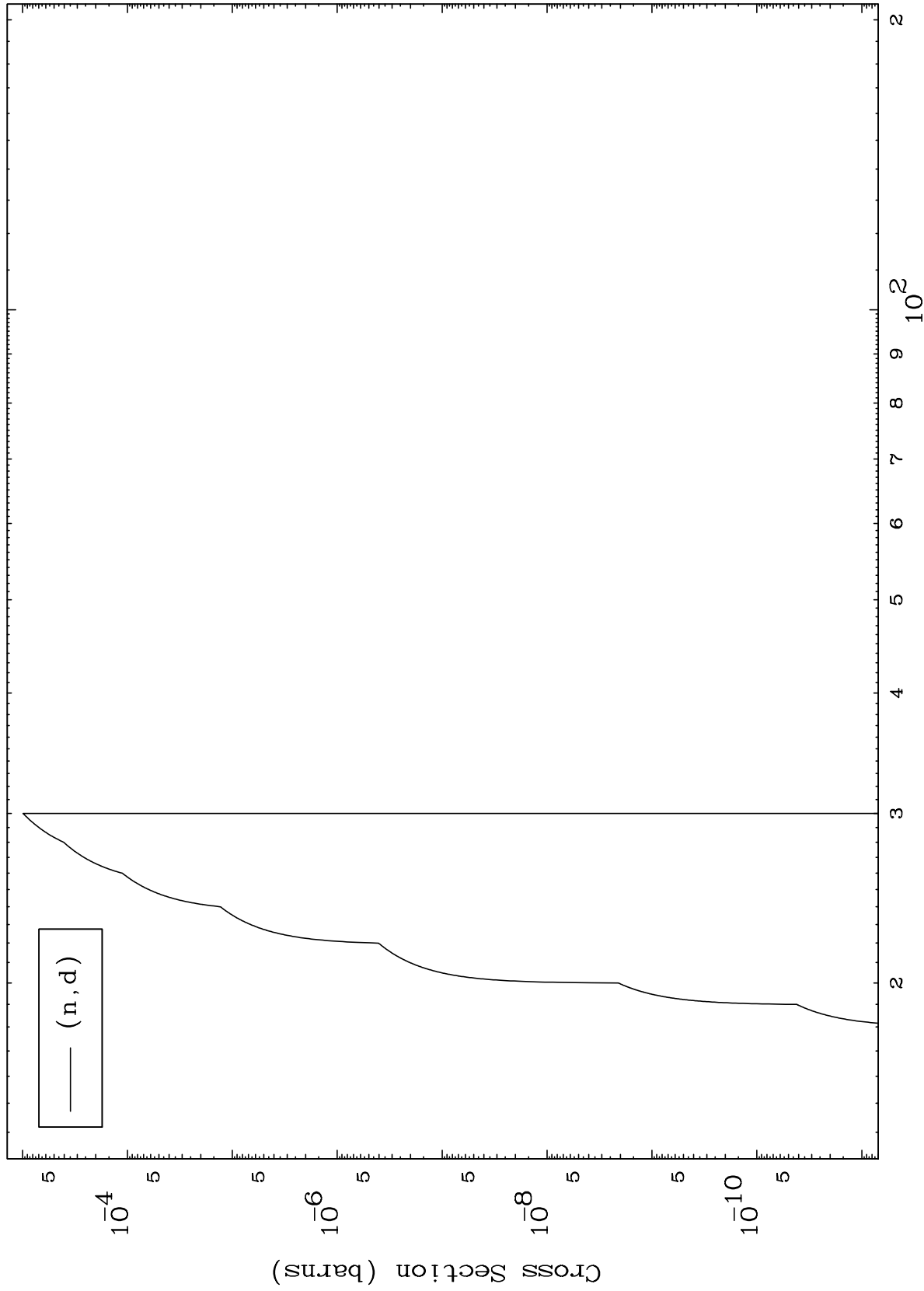
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(α, d) Levels
0 Kelvin Cross Sections



6

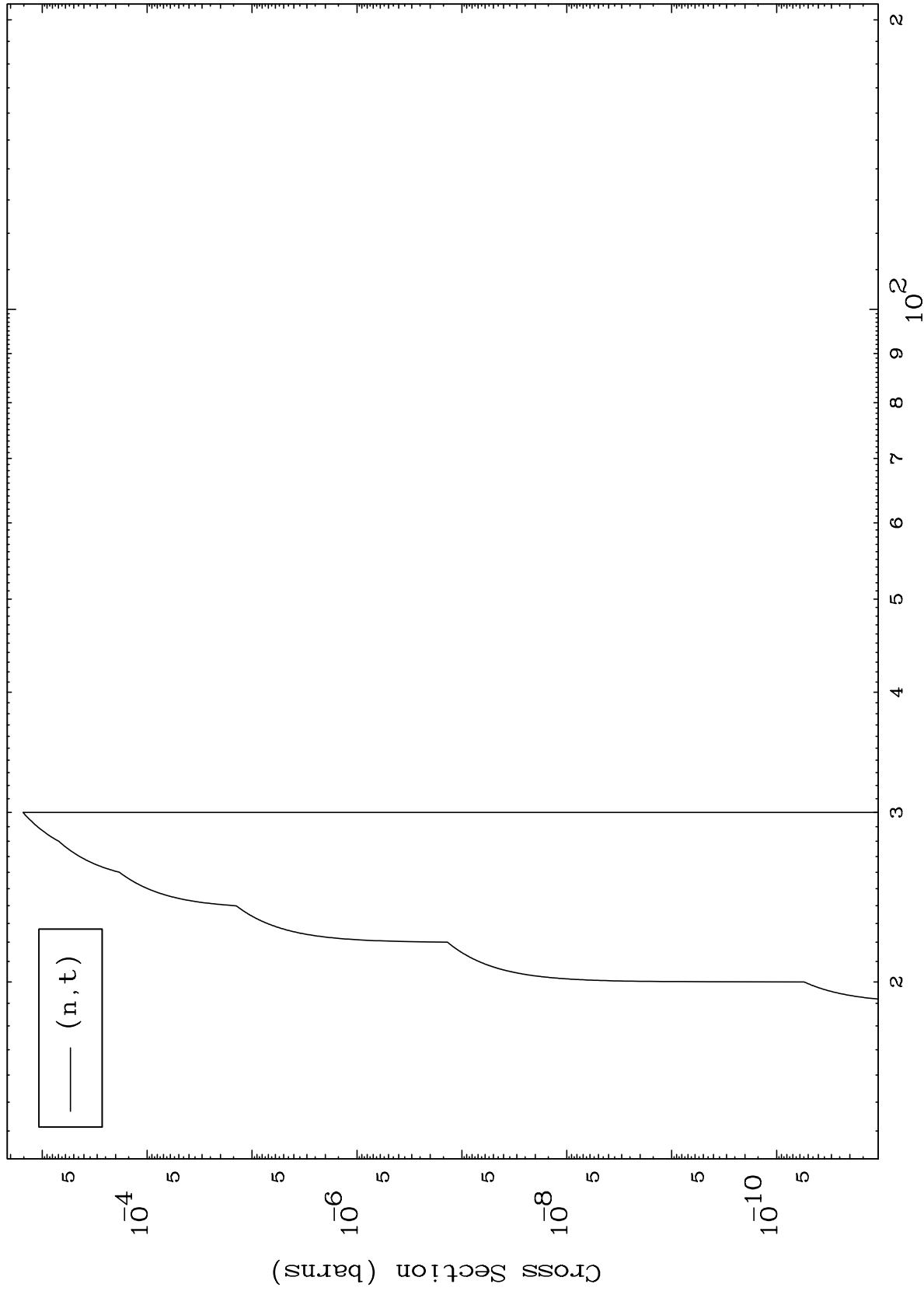
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(α, t) Levels
0 Kelvin Cross Sections



7

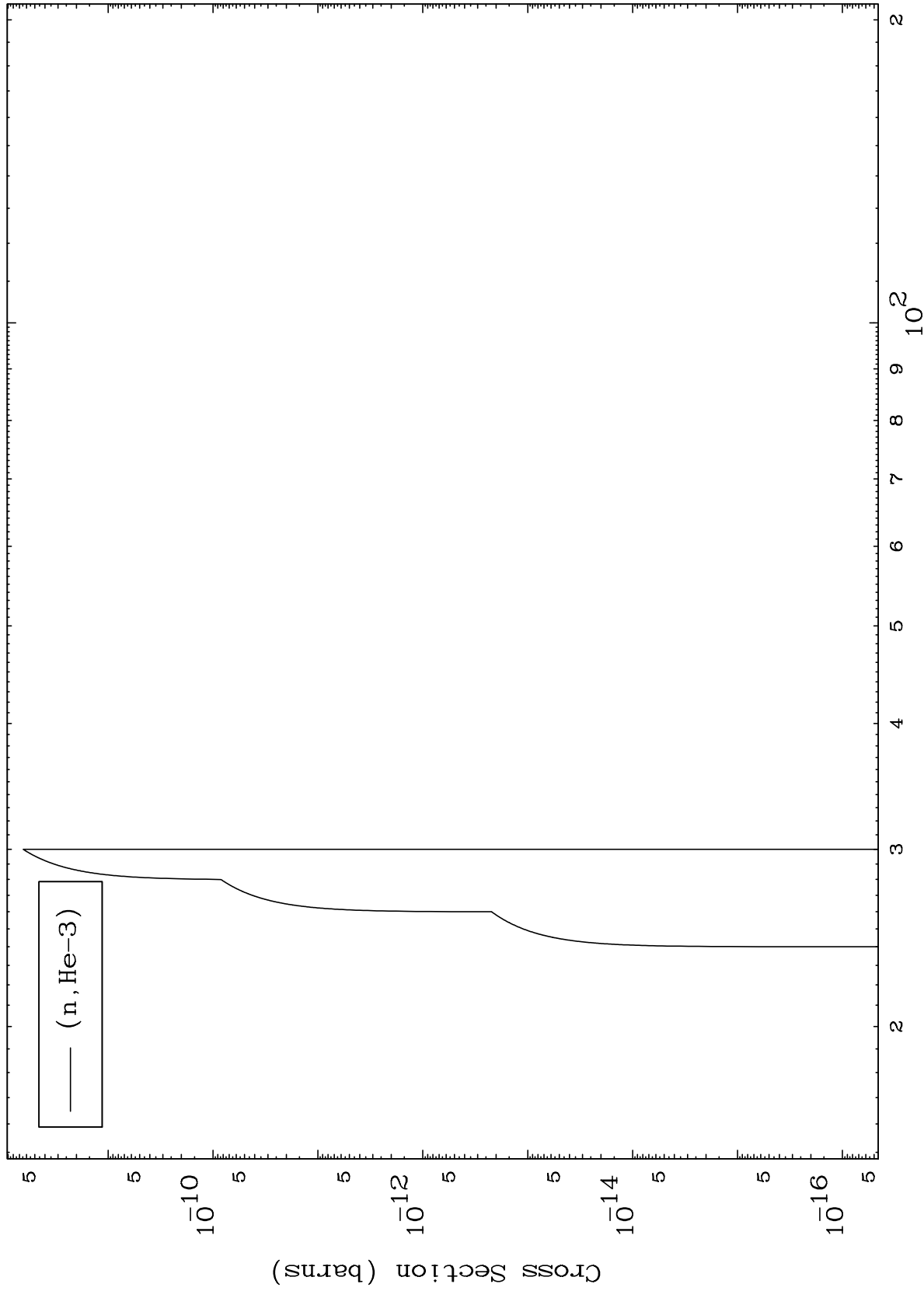
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(α ,He3) Levels
0 Kelvin Cross Sections



8

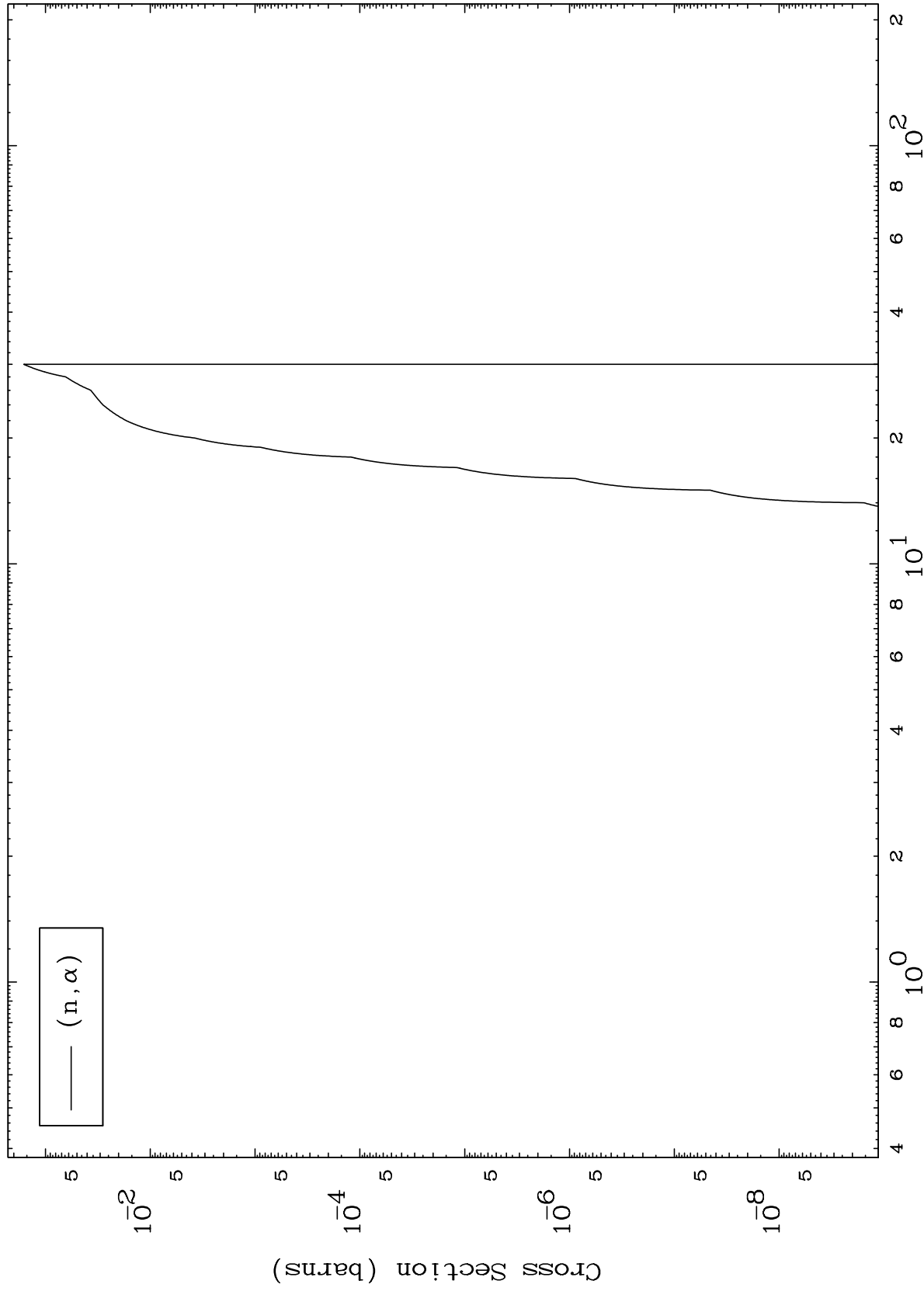
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(α, α) Levels
0 Kelvin Cross Sections



9

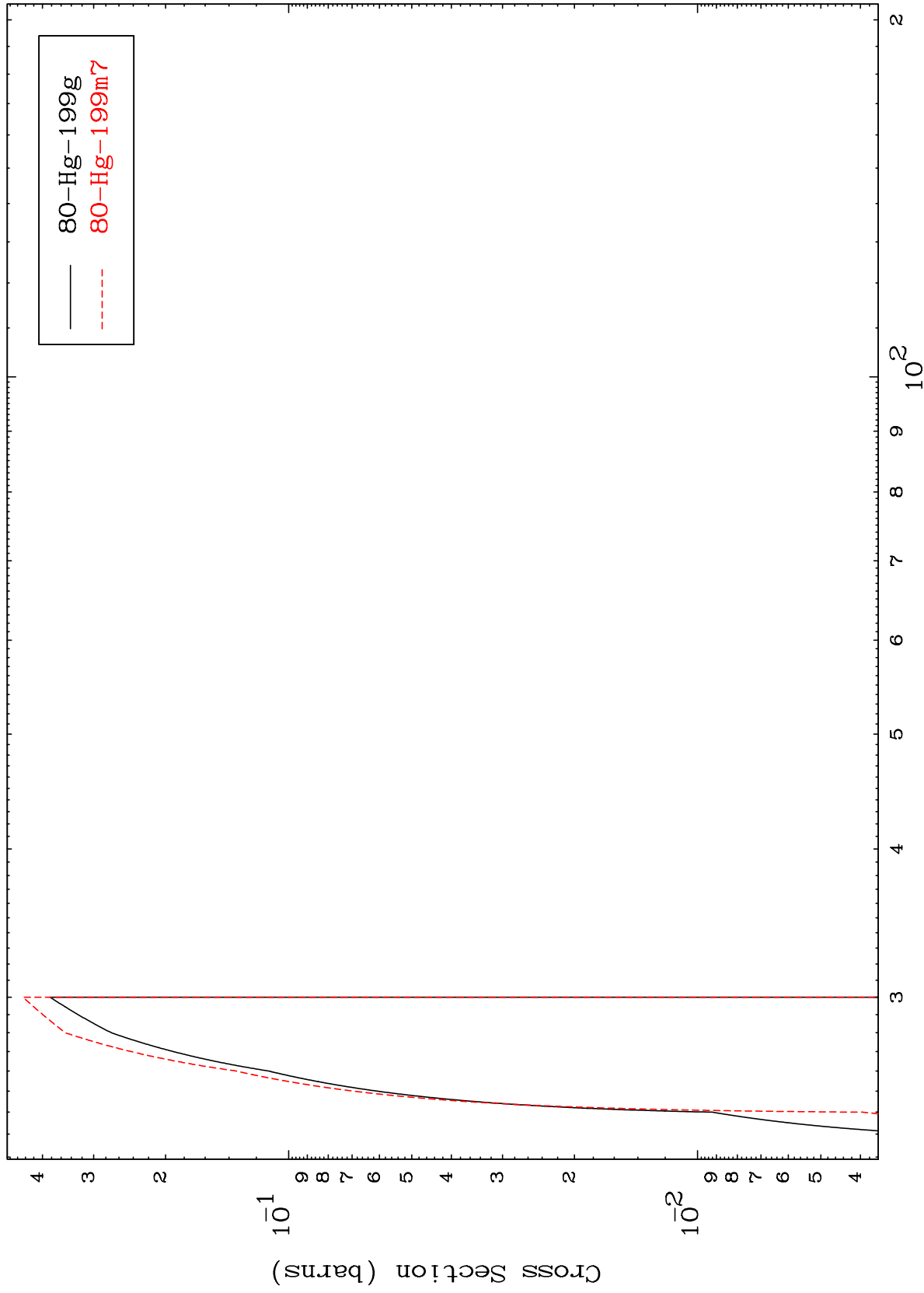
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(n,3n)
Radionuclide Production Cross Section



10

Incident Energy (MeV)

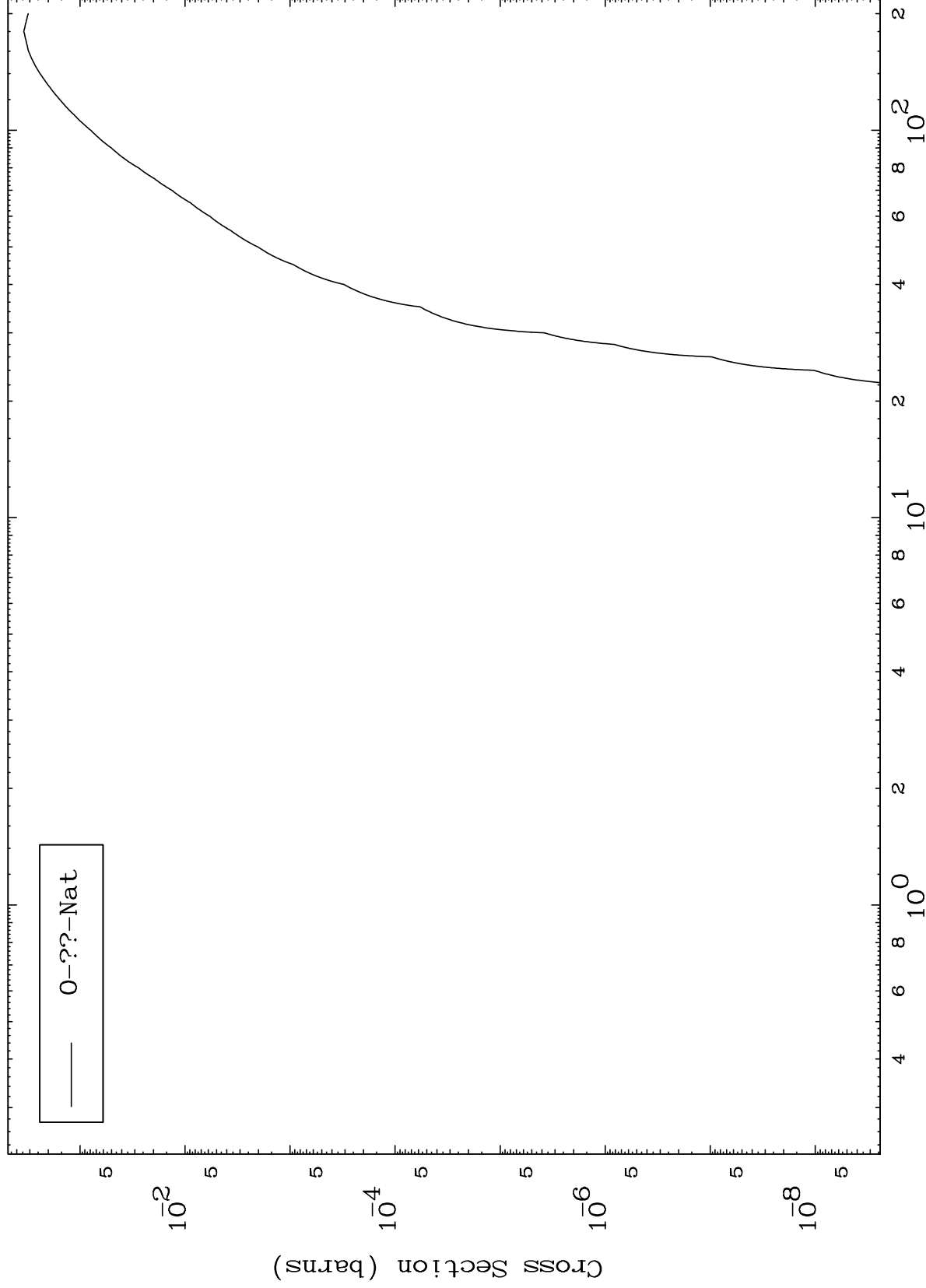
78-Pt-198

MAT 7849

Fission

78-Pt-198

Radionuclide Production Cross Section



11

Incident Energy (MeV)

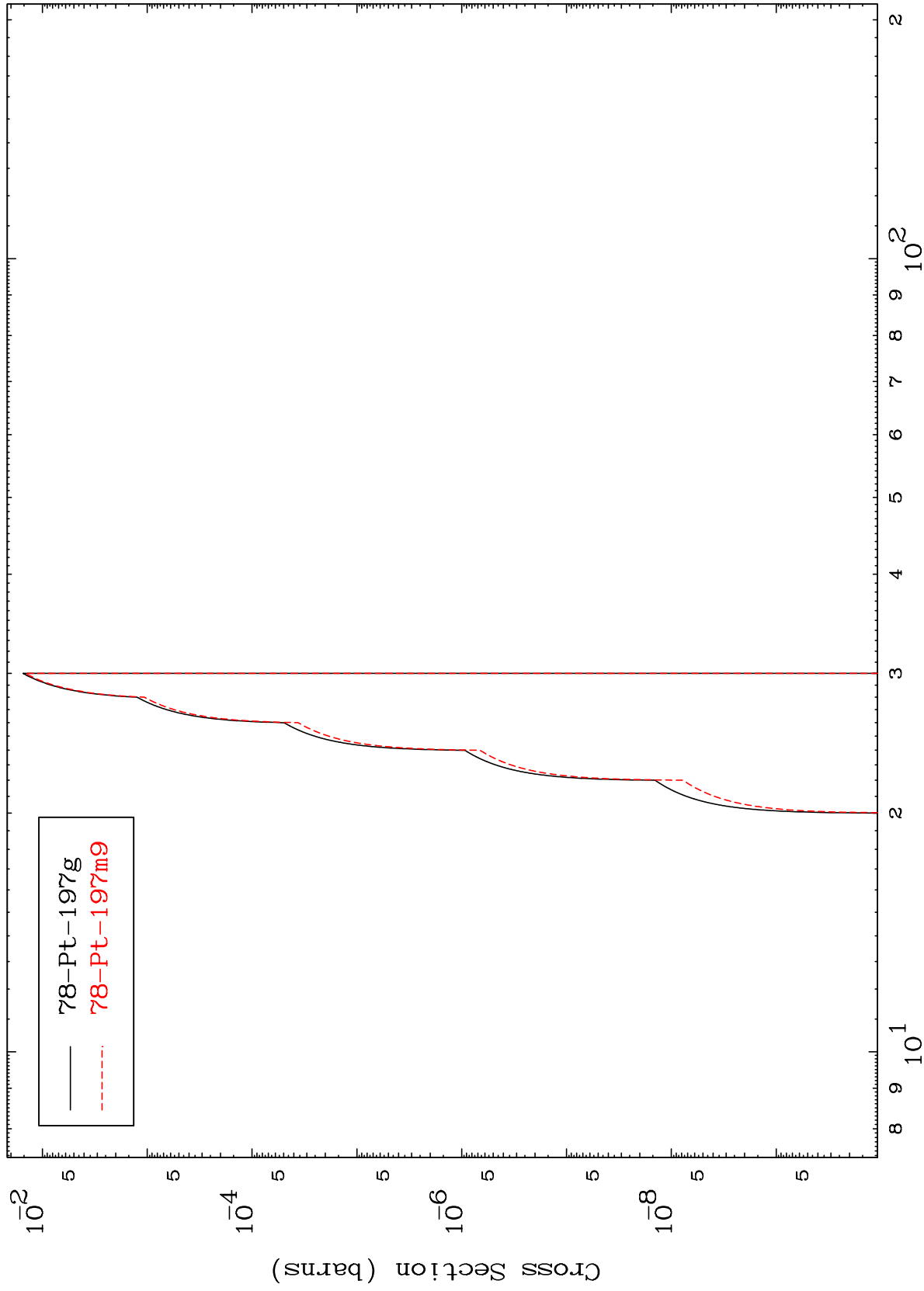
78-Pt-198

MAT 7849

$(n,n') \alpha$

$^{78}\text{Pt-198}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

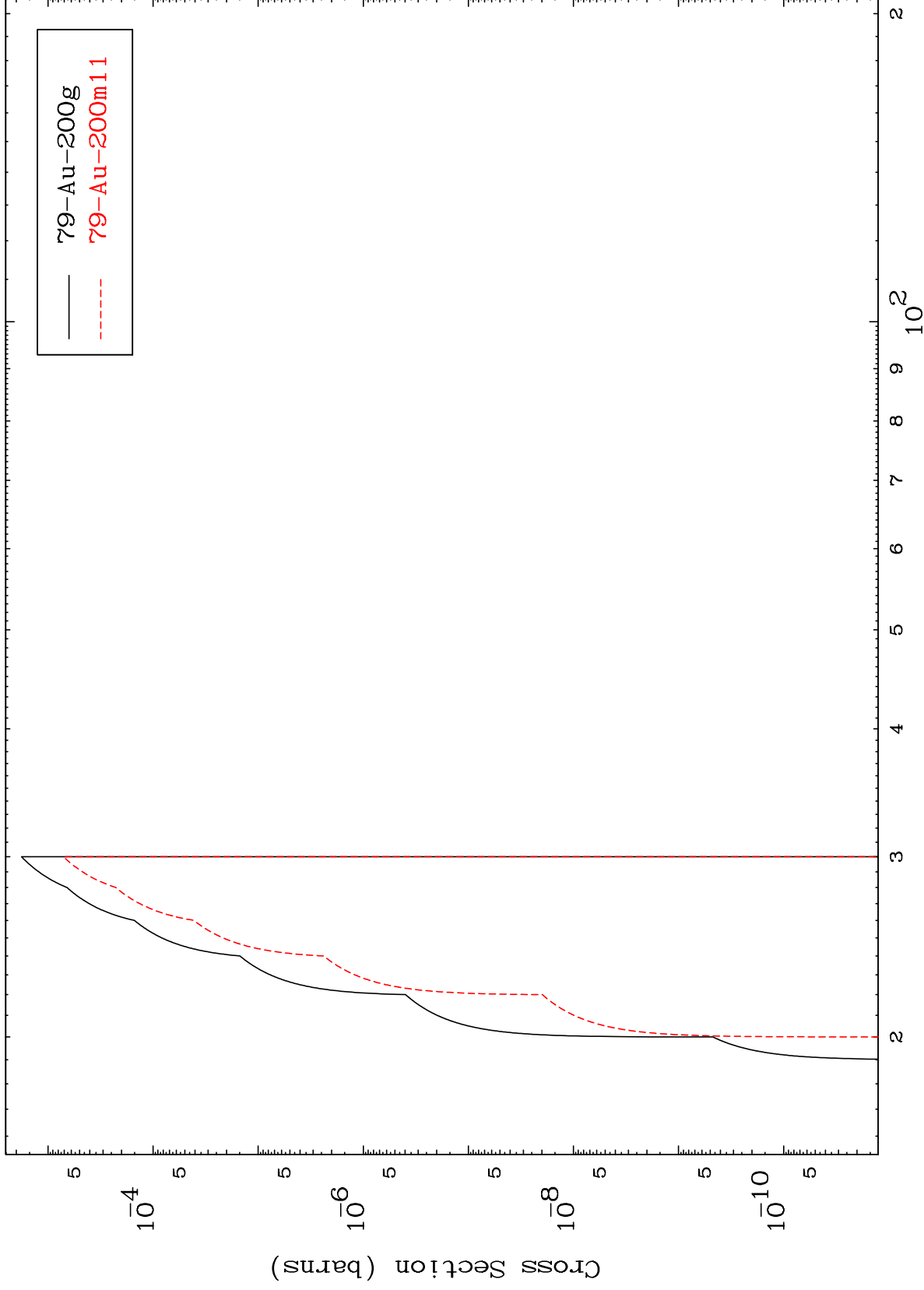
$^{78}\text{Pt-198}$

MAT 7849

(n,n') p

78-Pt-198

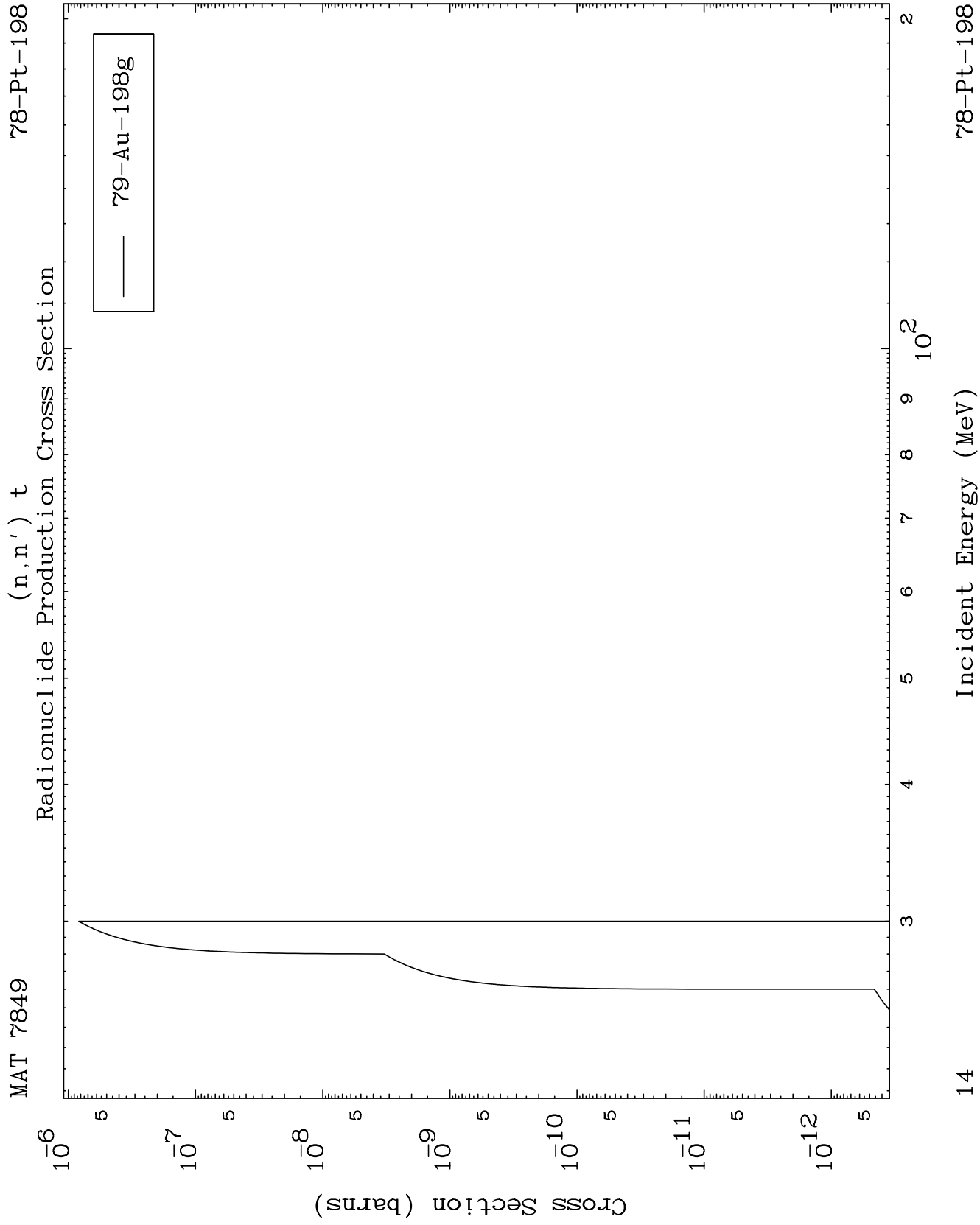
Radionuclide Production Cross Section



13

Incident Energy (MeV)

78-Pt-198

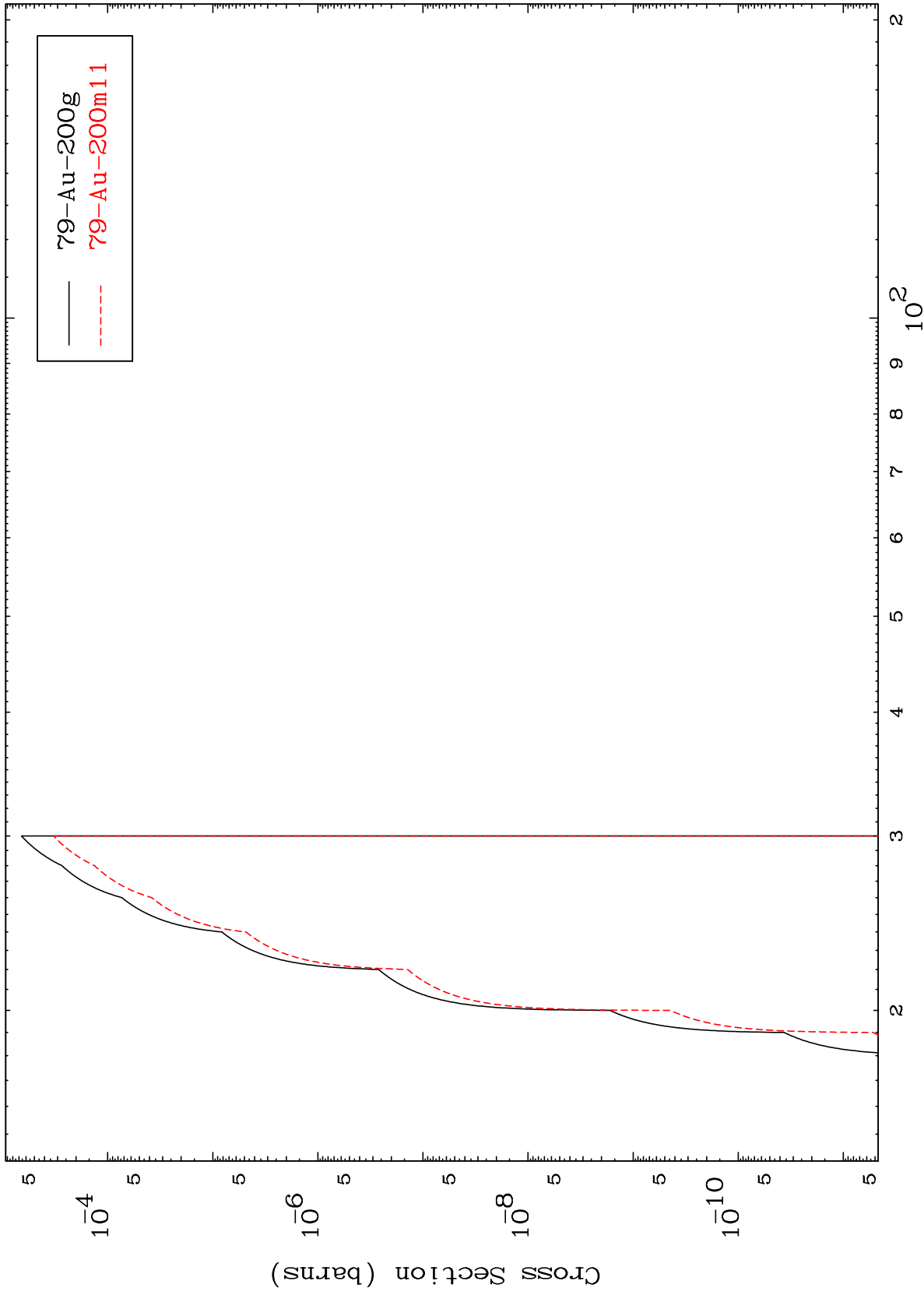


MAT 7849

(n,d)

Radionuclide Production Cross Section

78-Pt-198



15

Incident Energy (MeV)

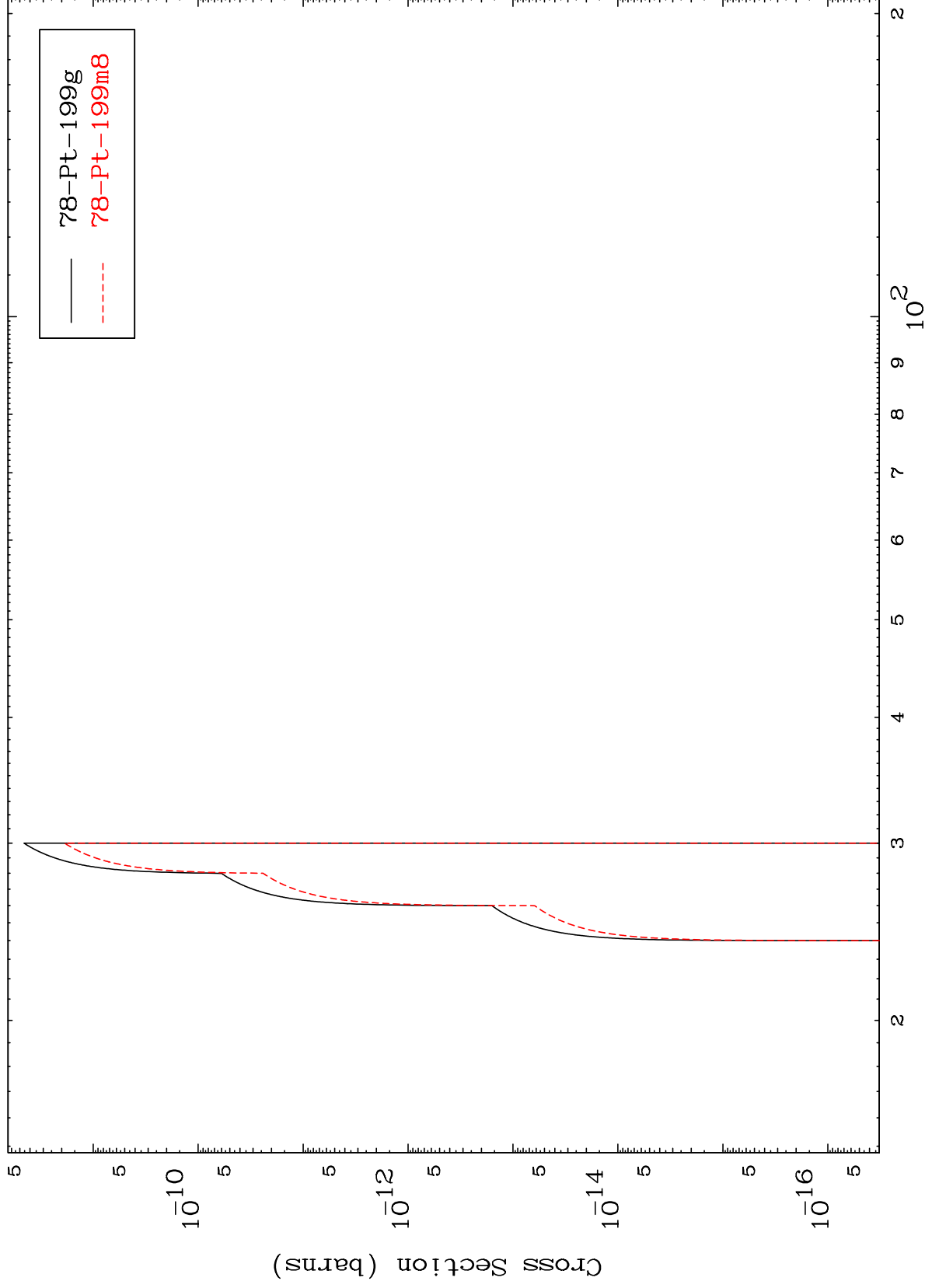
78-Pt-198

MAT 7849

(n,He-3)

78-Pt-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

78-Pt-198