

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

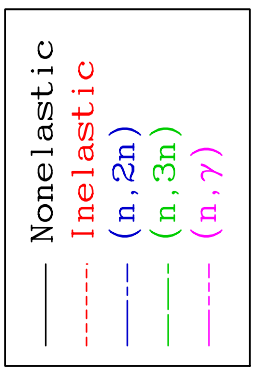
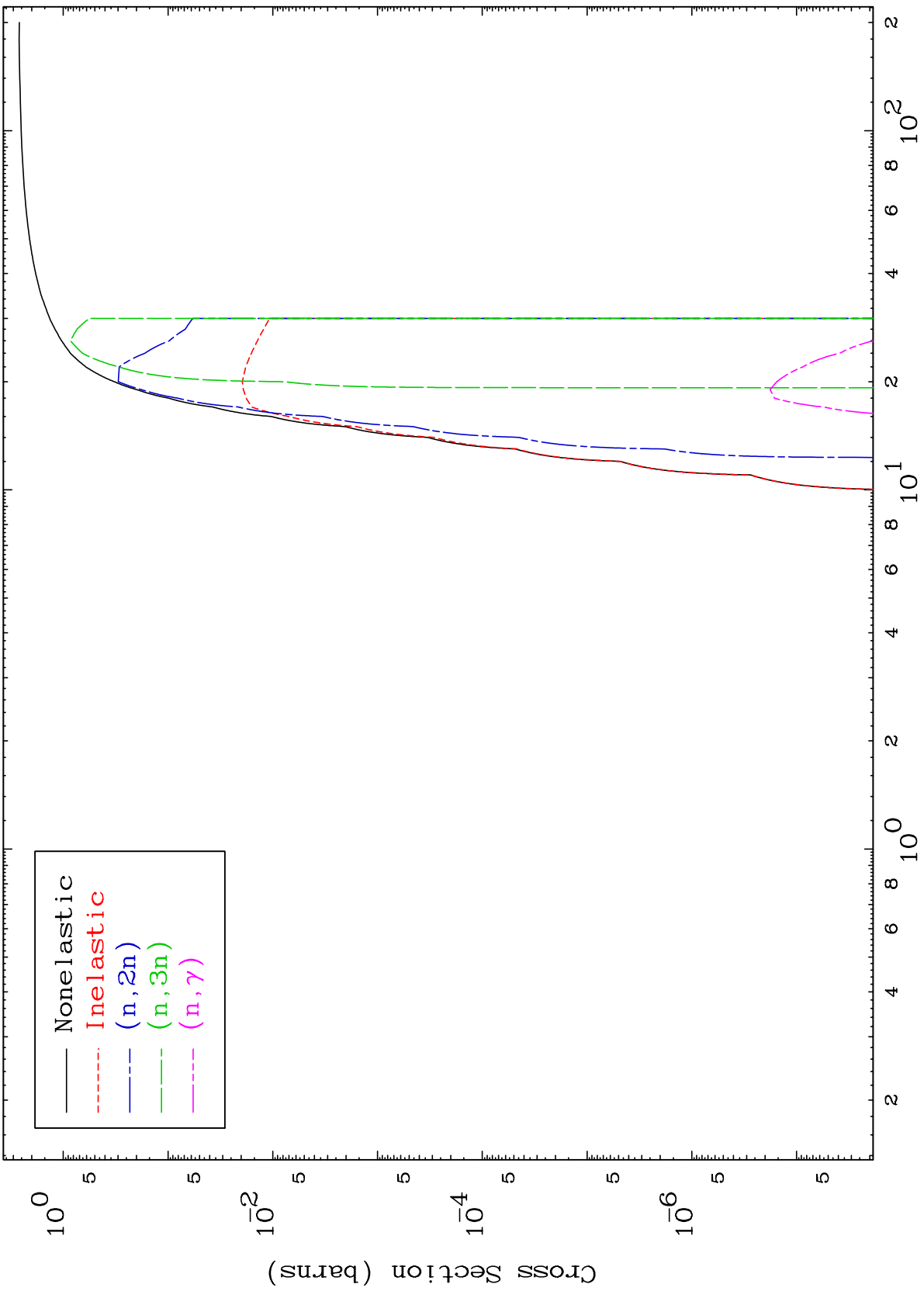
Press Mouse Button to Start

MAT 6950

α Major

69-Tm-177m

0 Kelvin Cross Sections



Incident Energy (MeV)

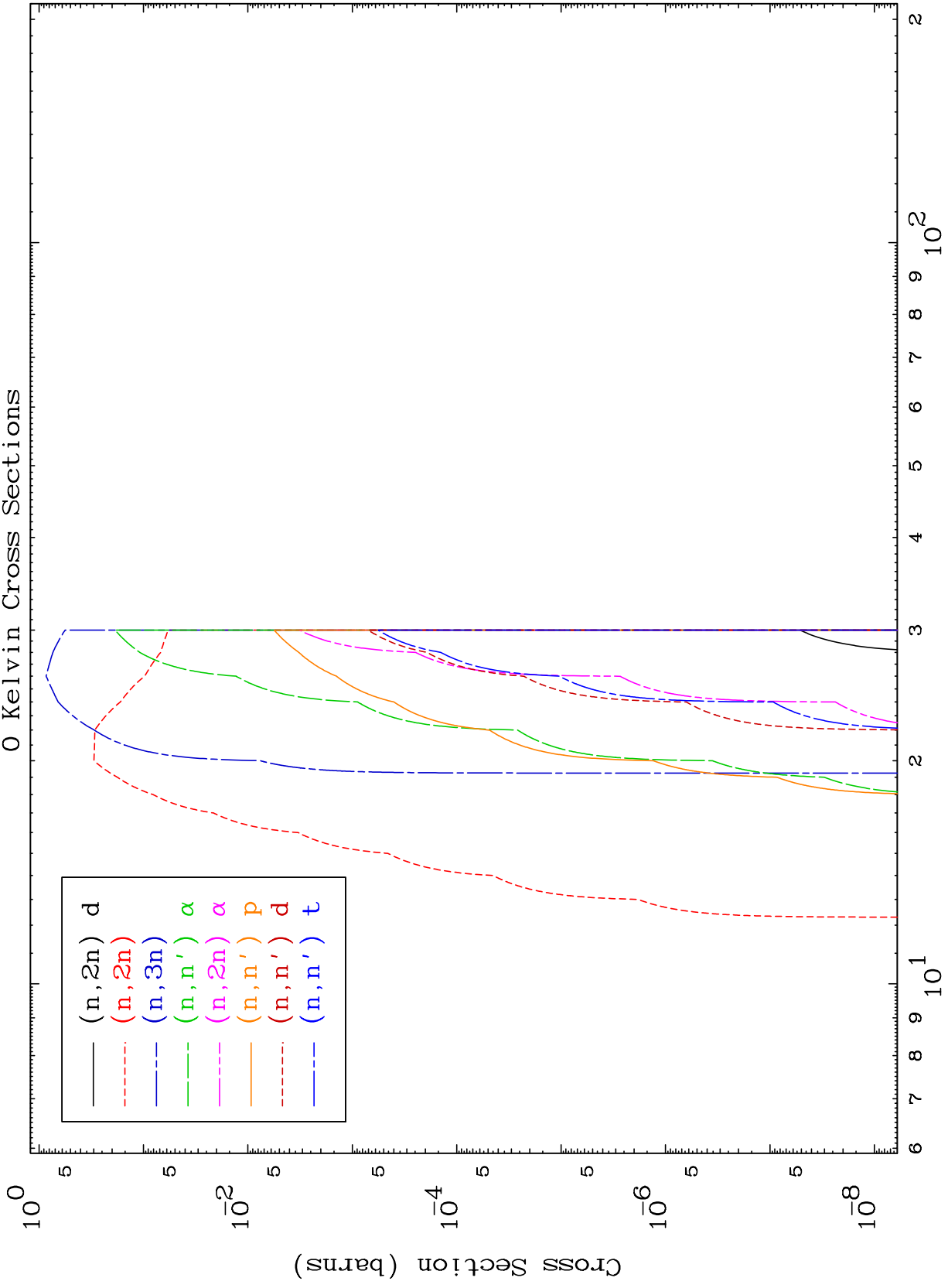
69-Tm-177m

1

MAT 6950

α Neutron Absorption
0 Kelvin Cross Sections

69-Tm-177m



2

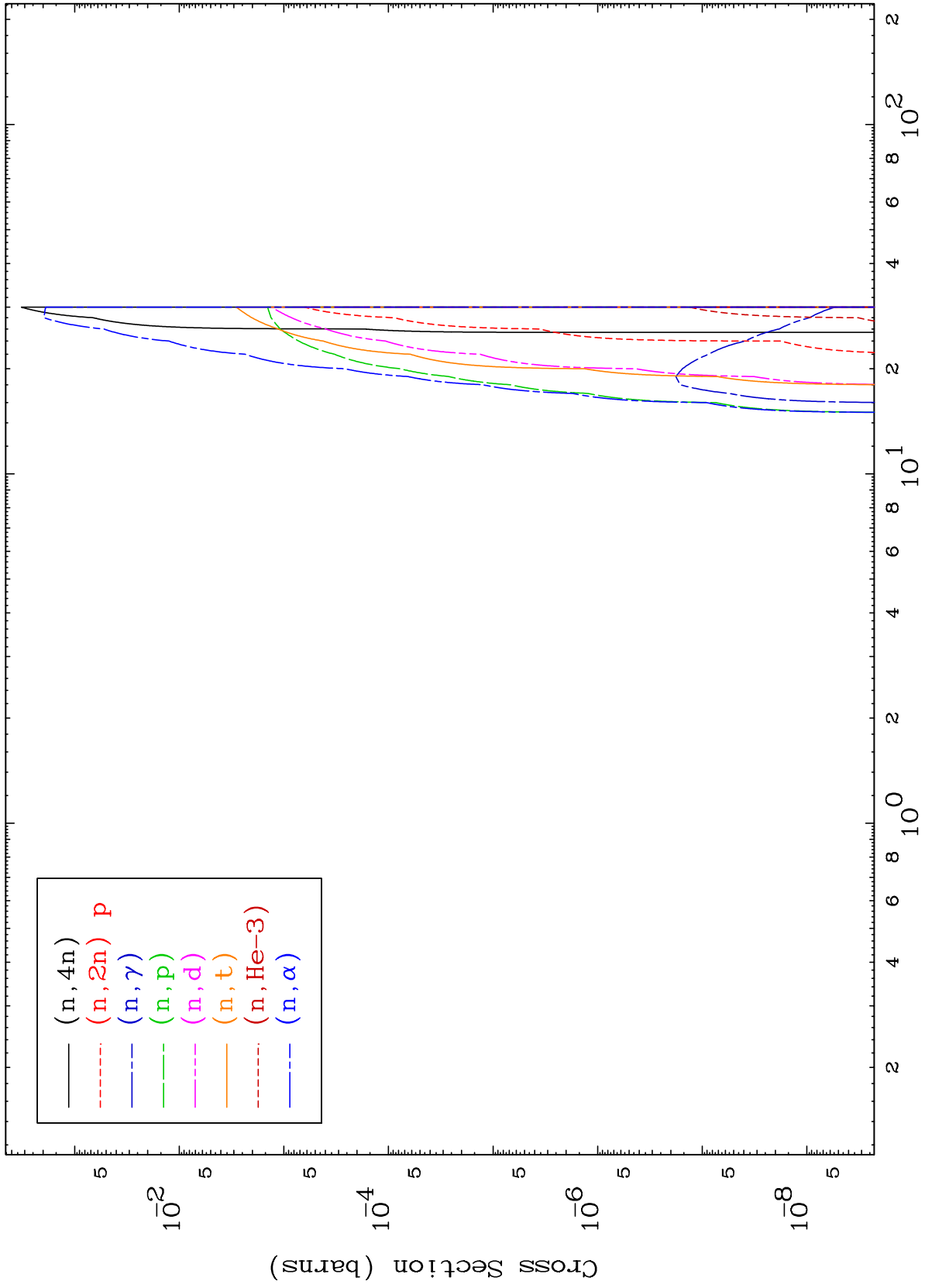
Incident Energy (MeV)

69-Tm-177m

MAT 6950

α Neutron Absorption
0 Kelvin Cross Sections

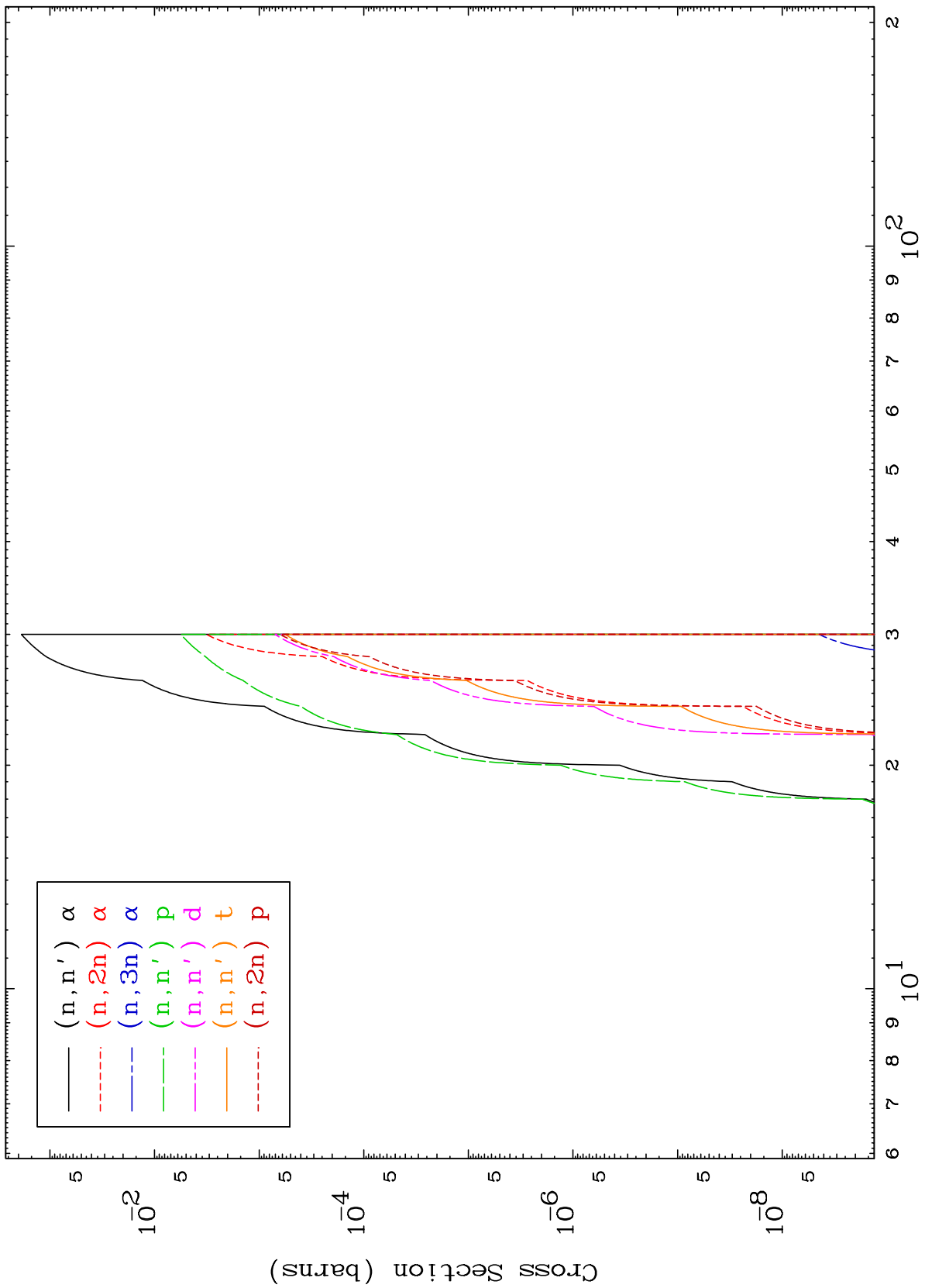
69-Tm-177m



MAT 6950

α Charged Particle
0 Kelvin Cross Sections

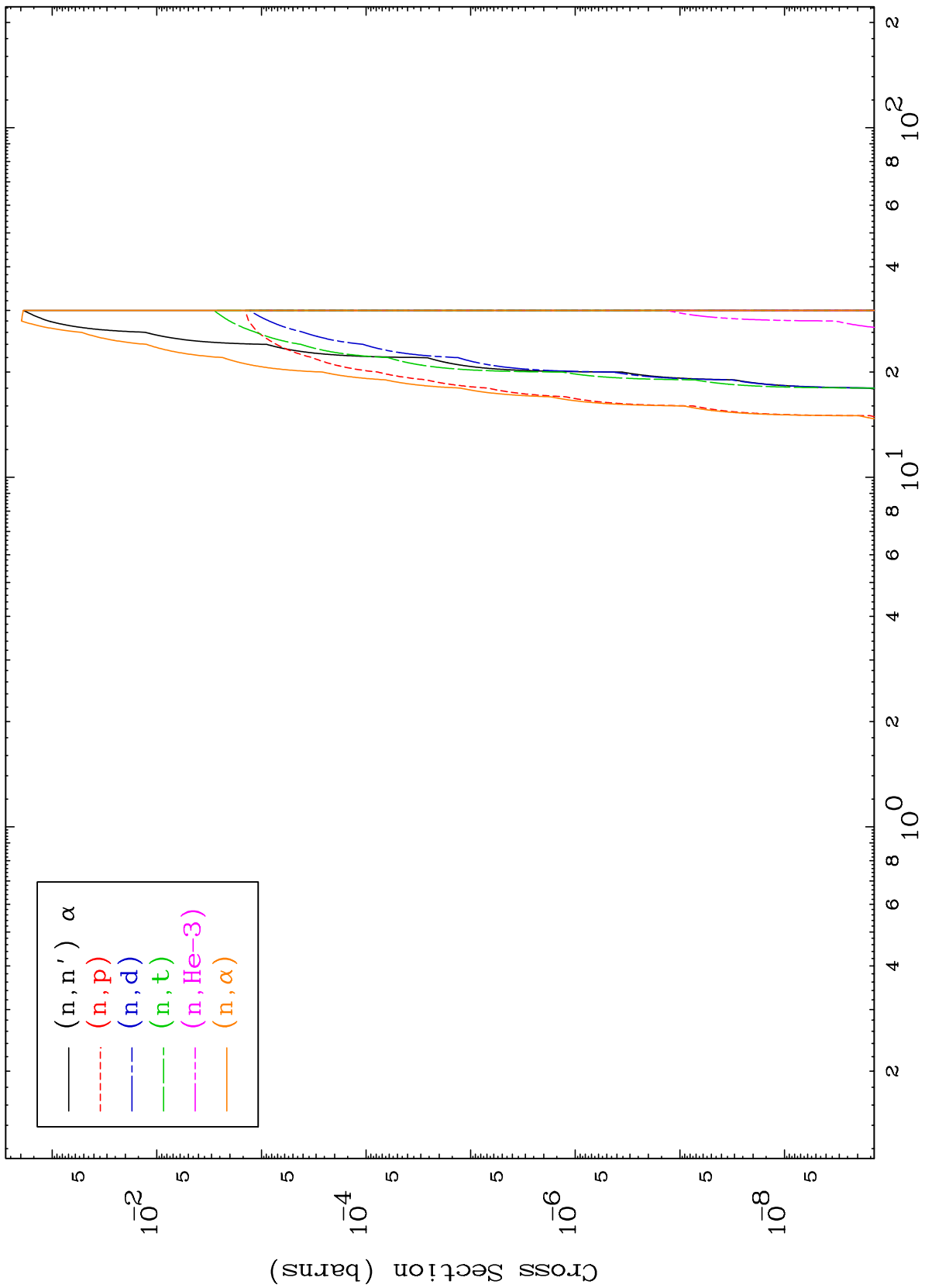
69-Tm-177m



MAT 6950

α Charged Particle
0 Kelvin Cross Sections

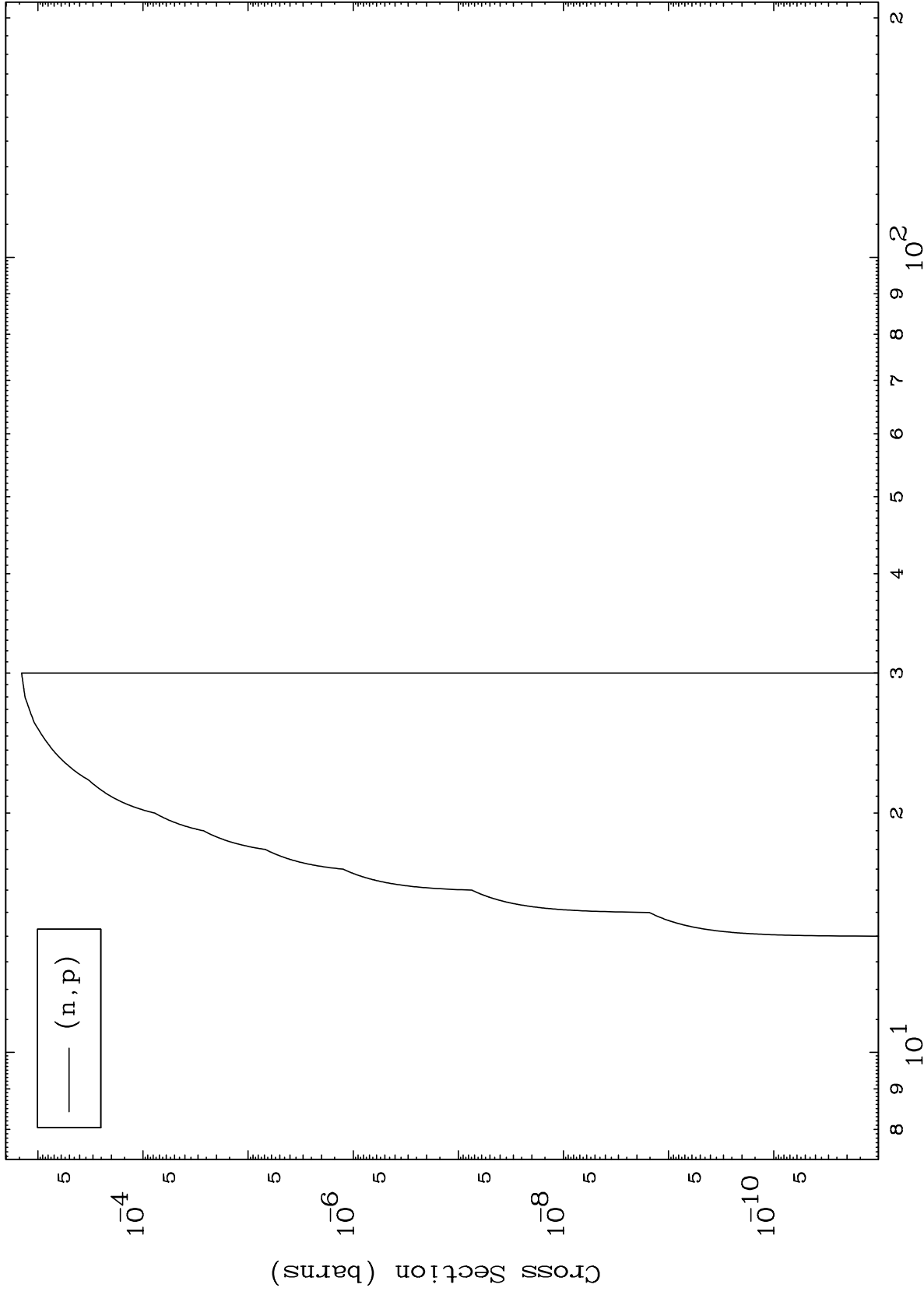
69-Tm-177m



MAT 6950

(α, p) Levels
0 Kelvin Cross Sections

69-Tm-177m



6

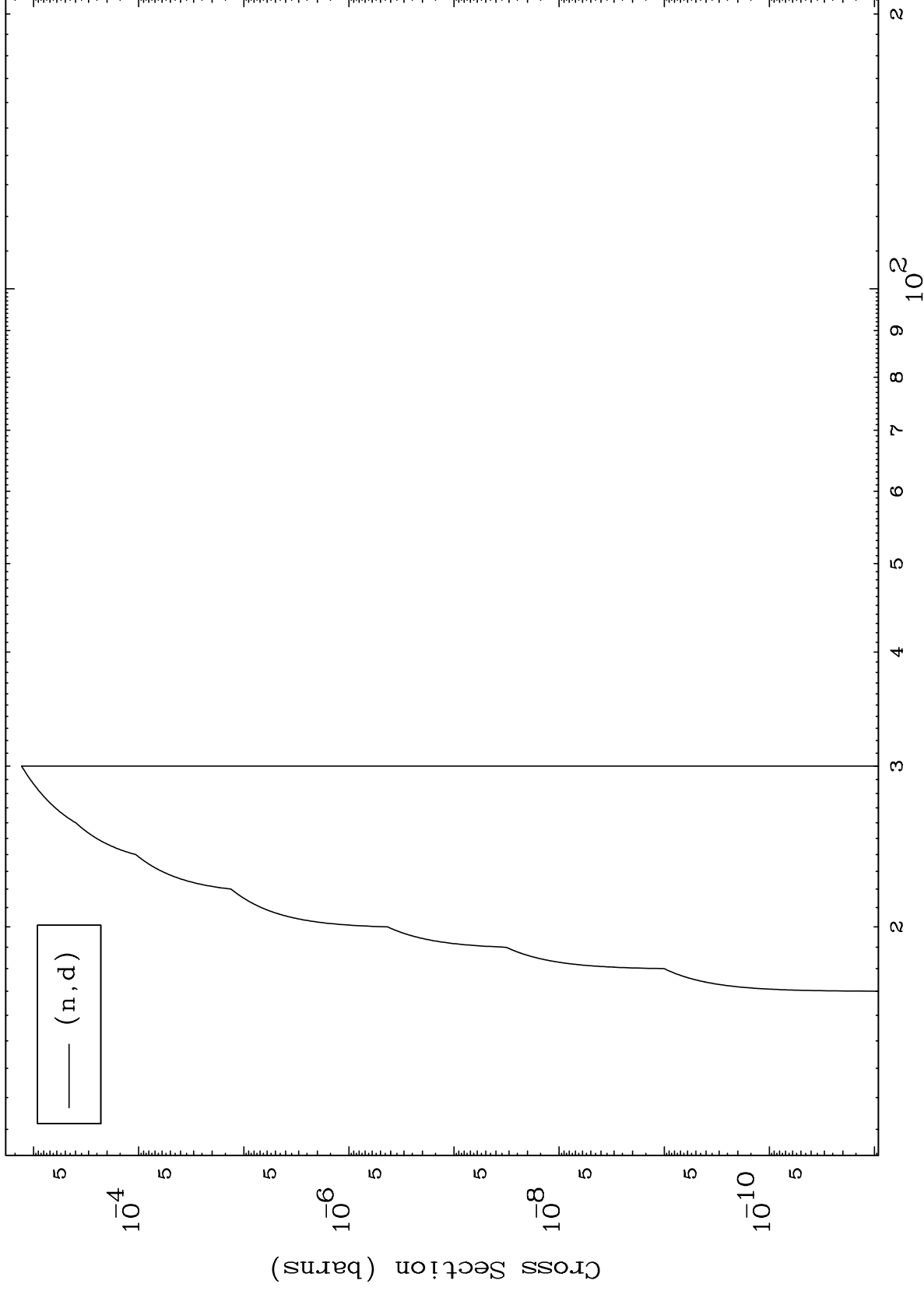
Incident Energy (MeV)

69-Tm-177m

MAT 6950

(α, d) Levels
0 Kelvin Cross Sections

69-Tm-177m

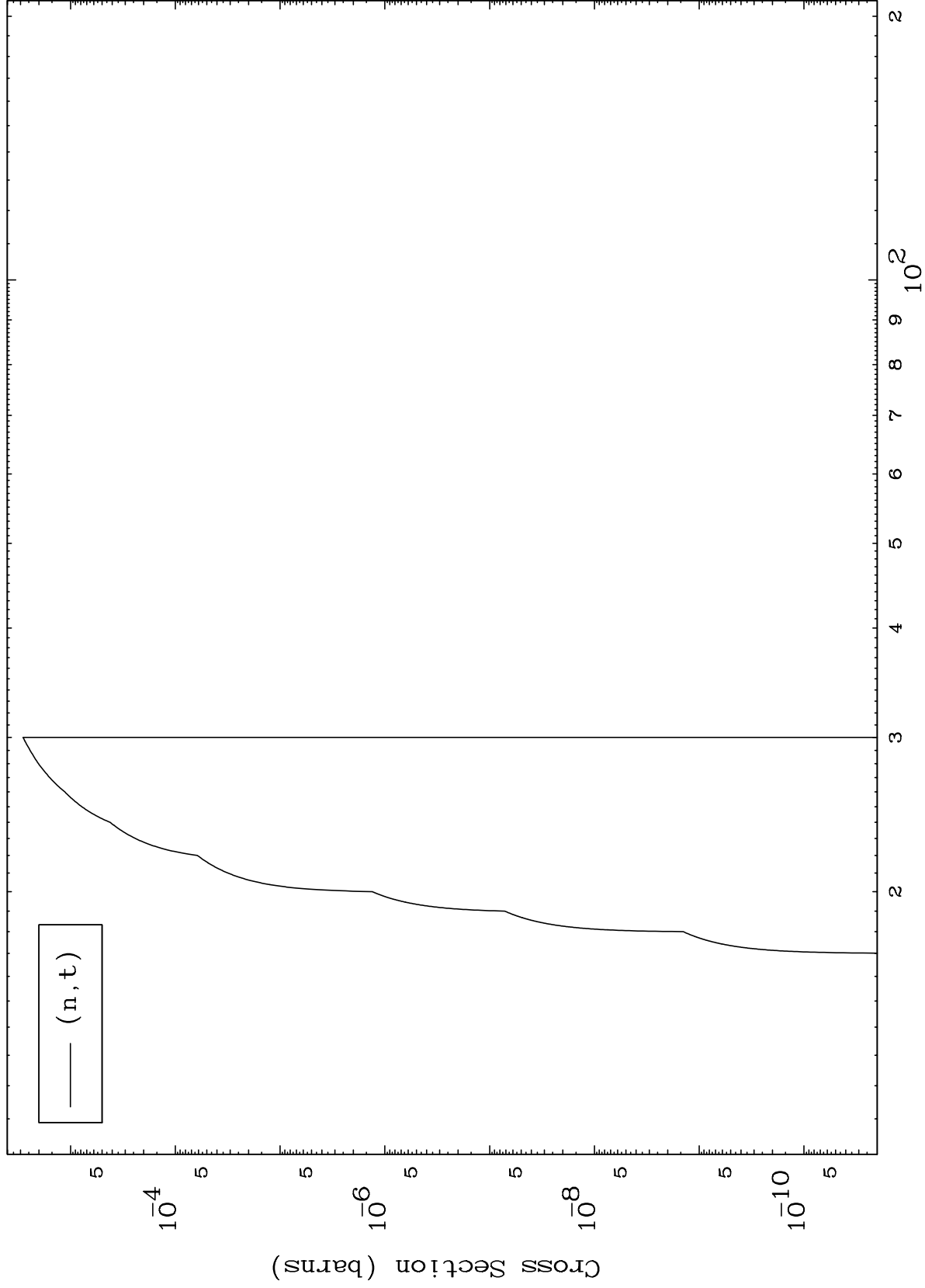


MAT 6950

(α, t) Levels

69-Tm-177m

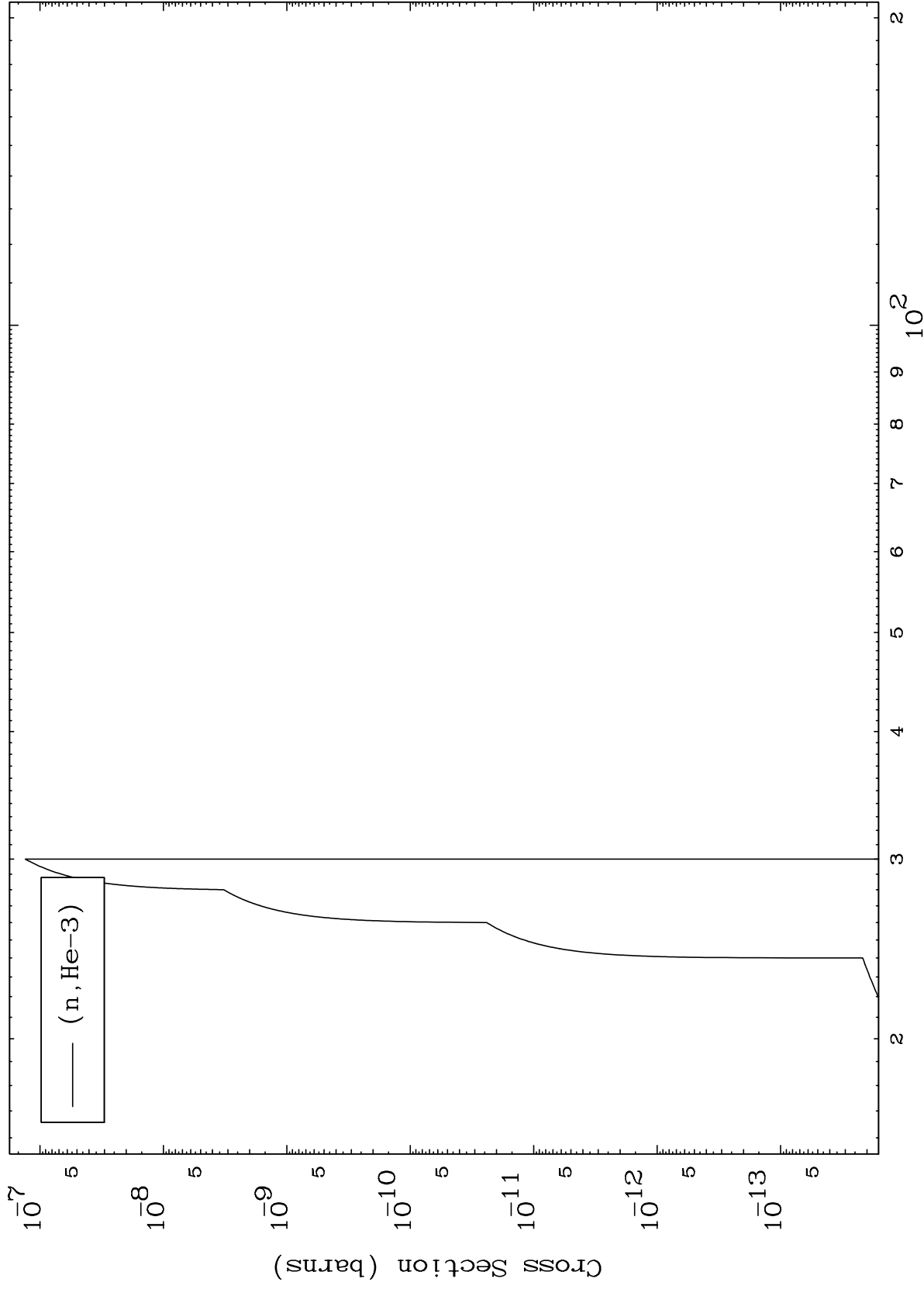
0 Kelvin Cross Sections



MAT 6950

(α , He3) Levels
0 Kelvin Cross Sections

69-Tm-177m



9

Incident Energy (MeV)

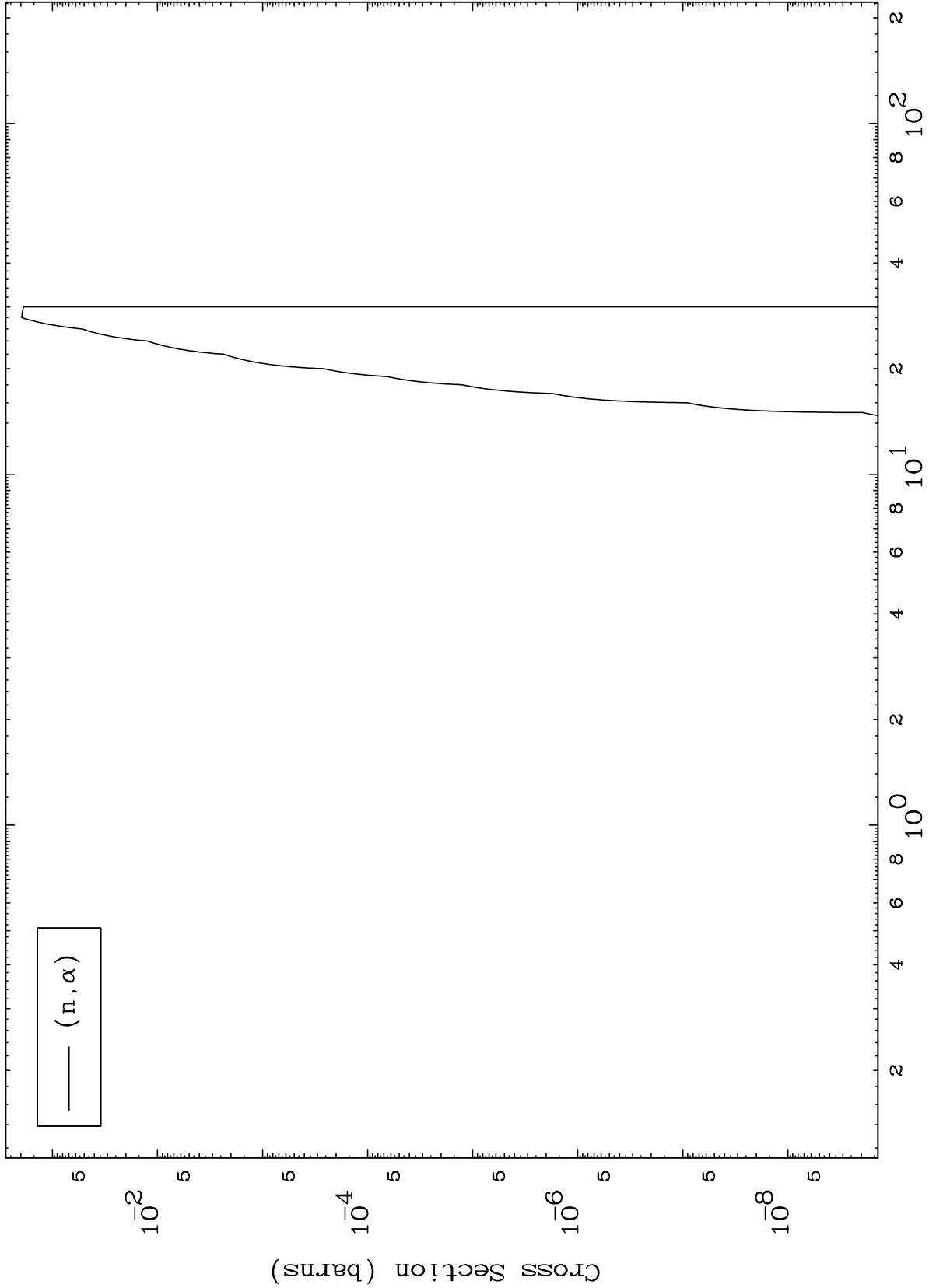
69-Tm-177m

MAT 6950

(α, α) Levels

69-Tm-177m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

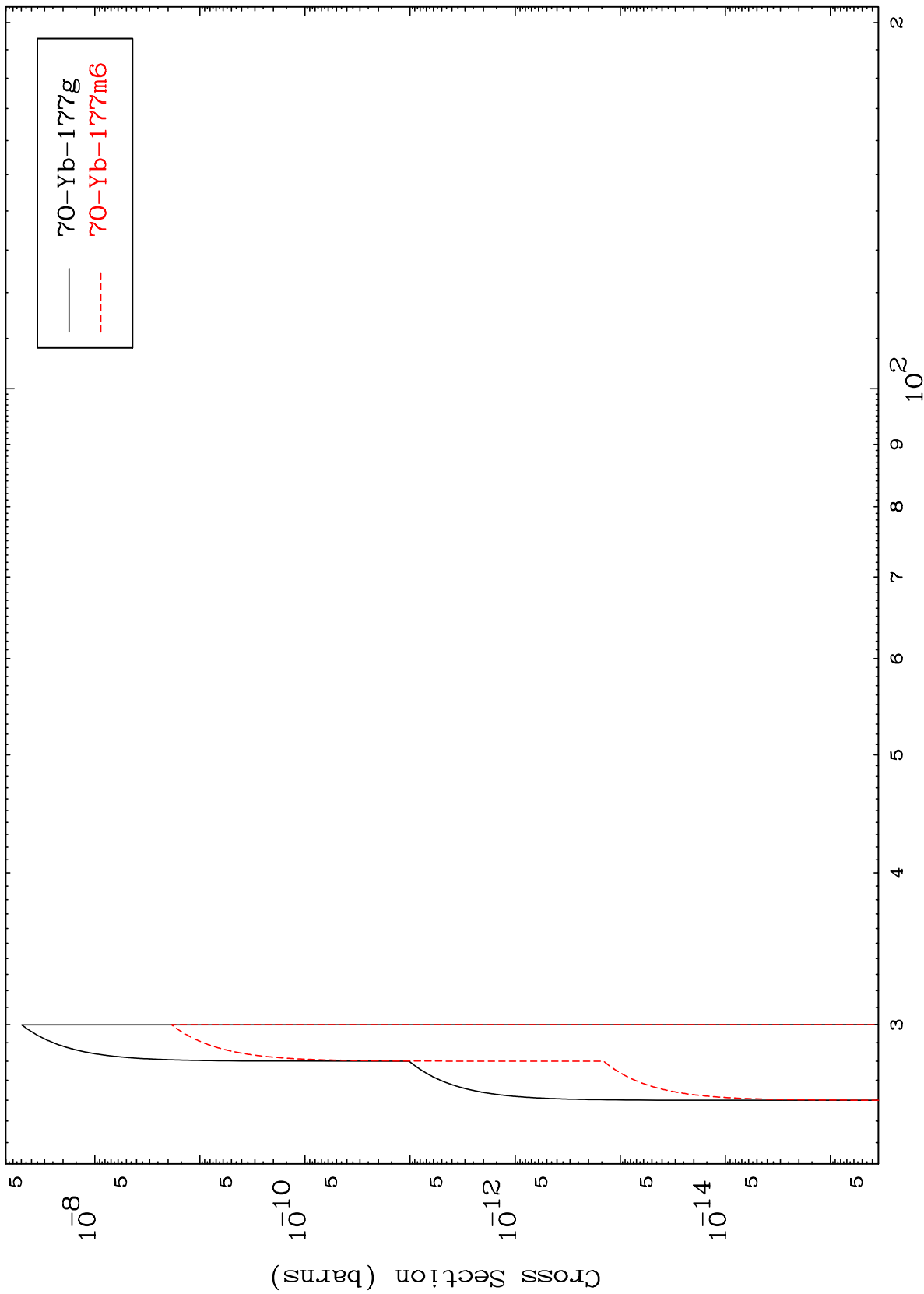
69-Tm-177m

MAT 6950

(n,2n) d

69-Tm-177m

Radionuclide Production Cross Section



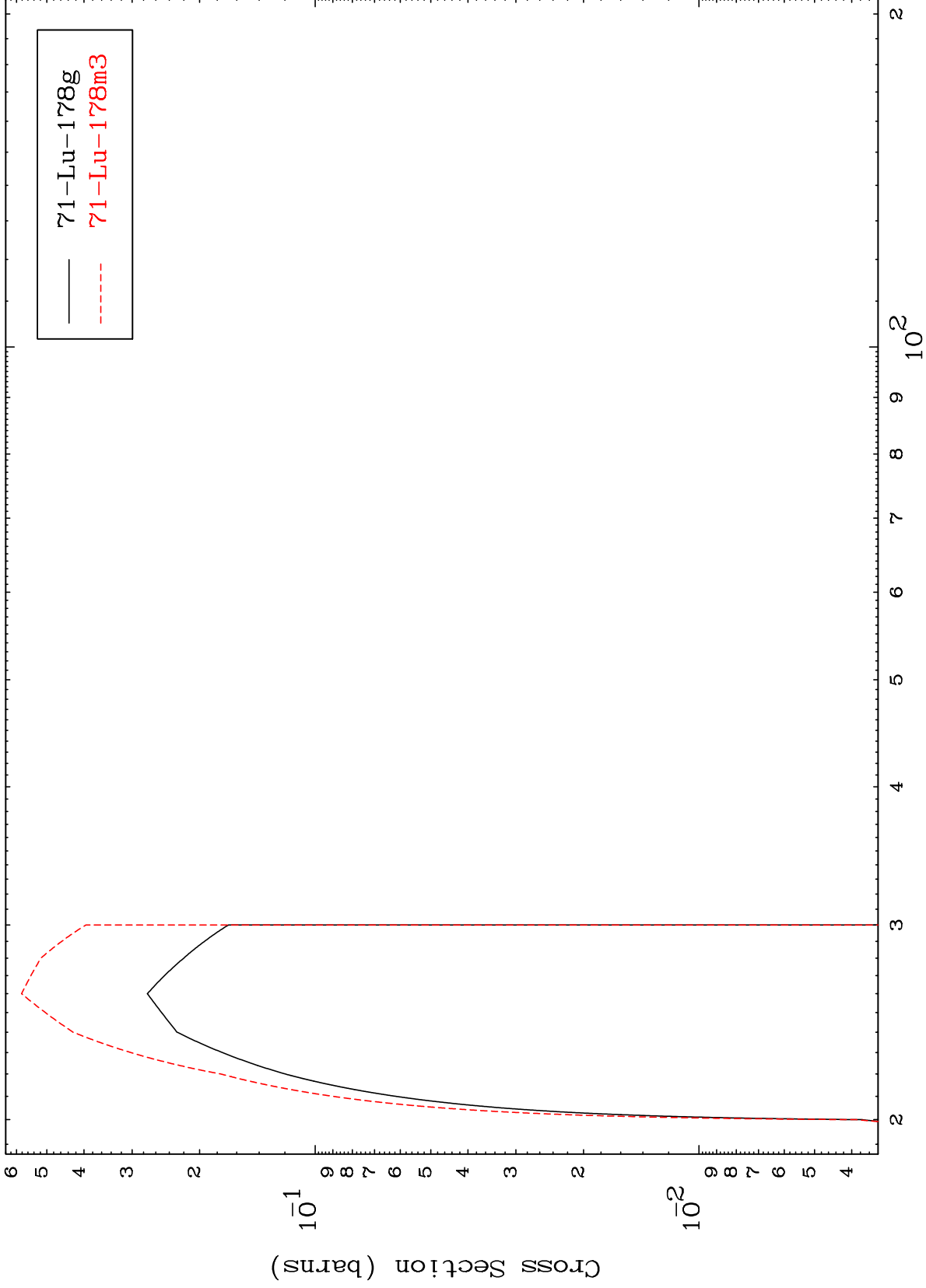
— $^{70}\text{Yb-177g}$
- - - $^{70}\text{Yb-177m6}$

MAT 6950

(n,3n)

69-Tm-177m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

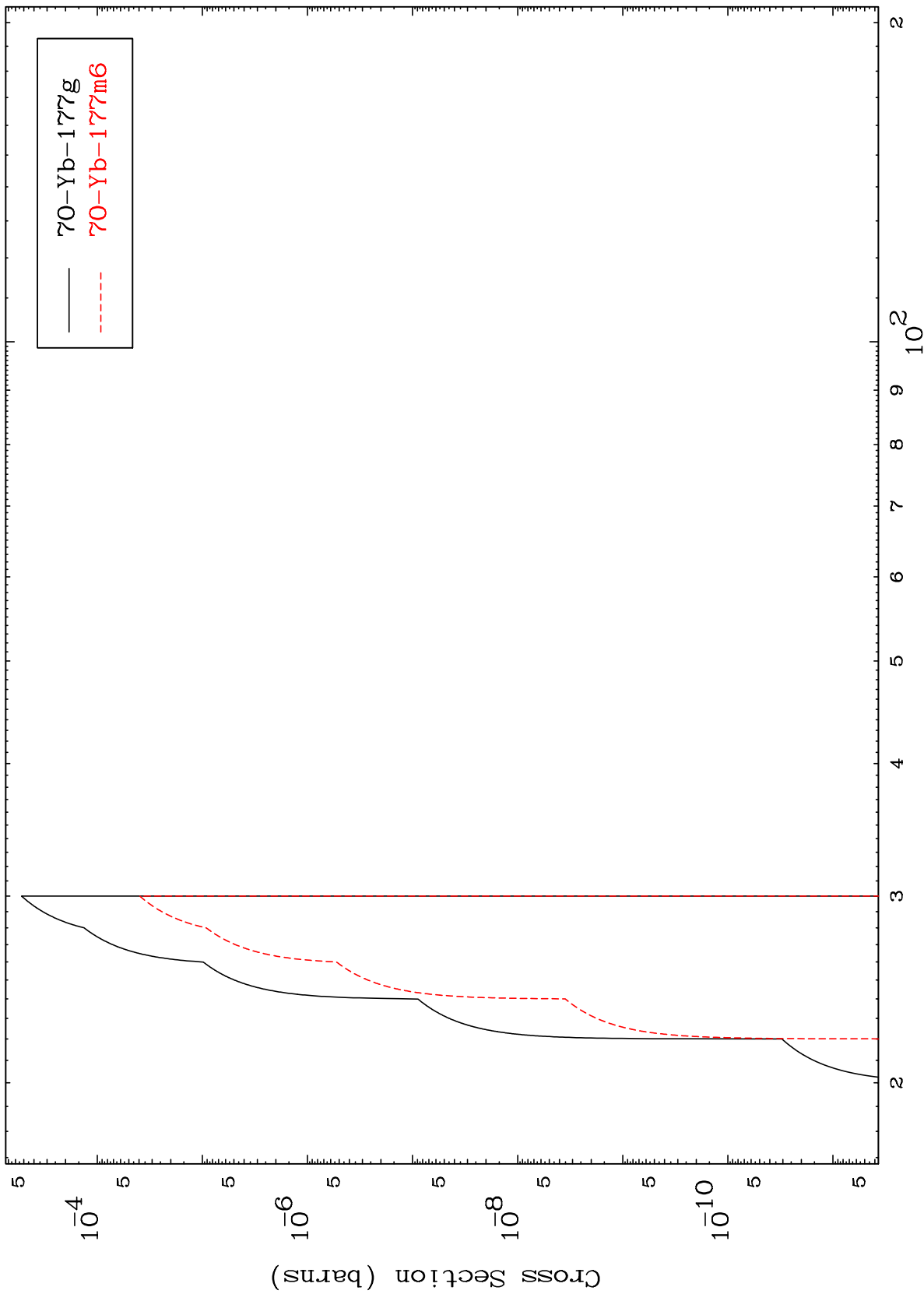
69-Tm-177m

MAT 6950

(n,n') t

69-Tm-177m

Radionuclide Production Cross Section

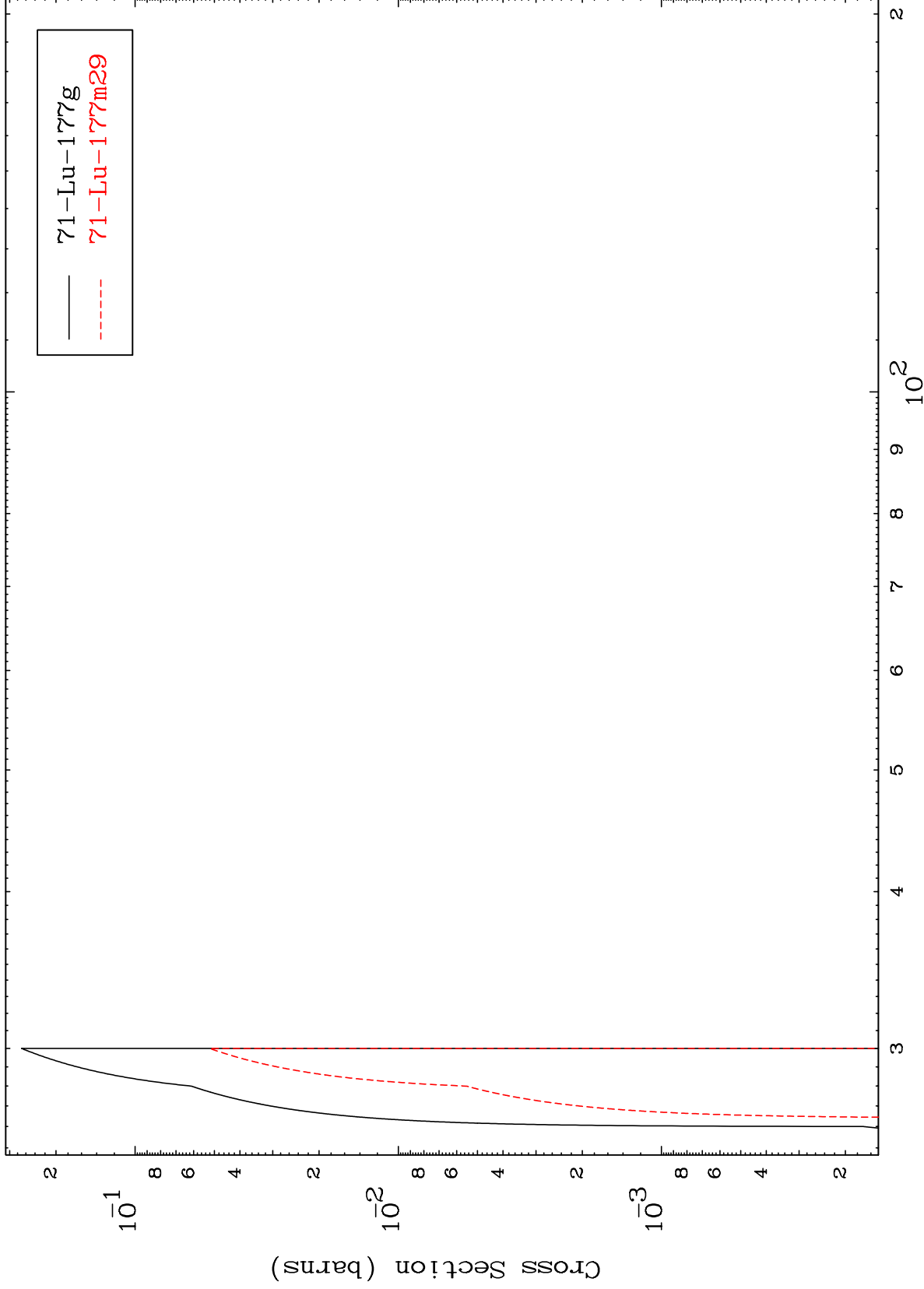


MAT 6950

(n,4n)

69-Tm-177m

Radionuclide Production Cross Section



14

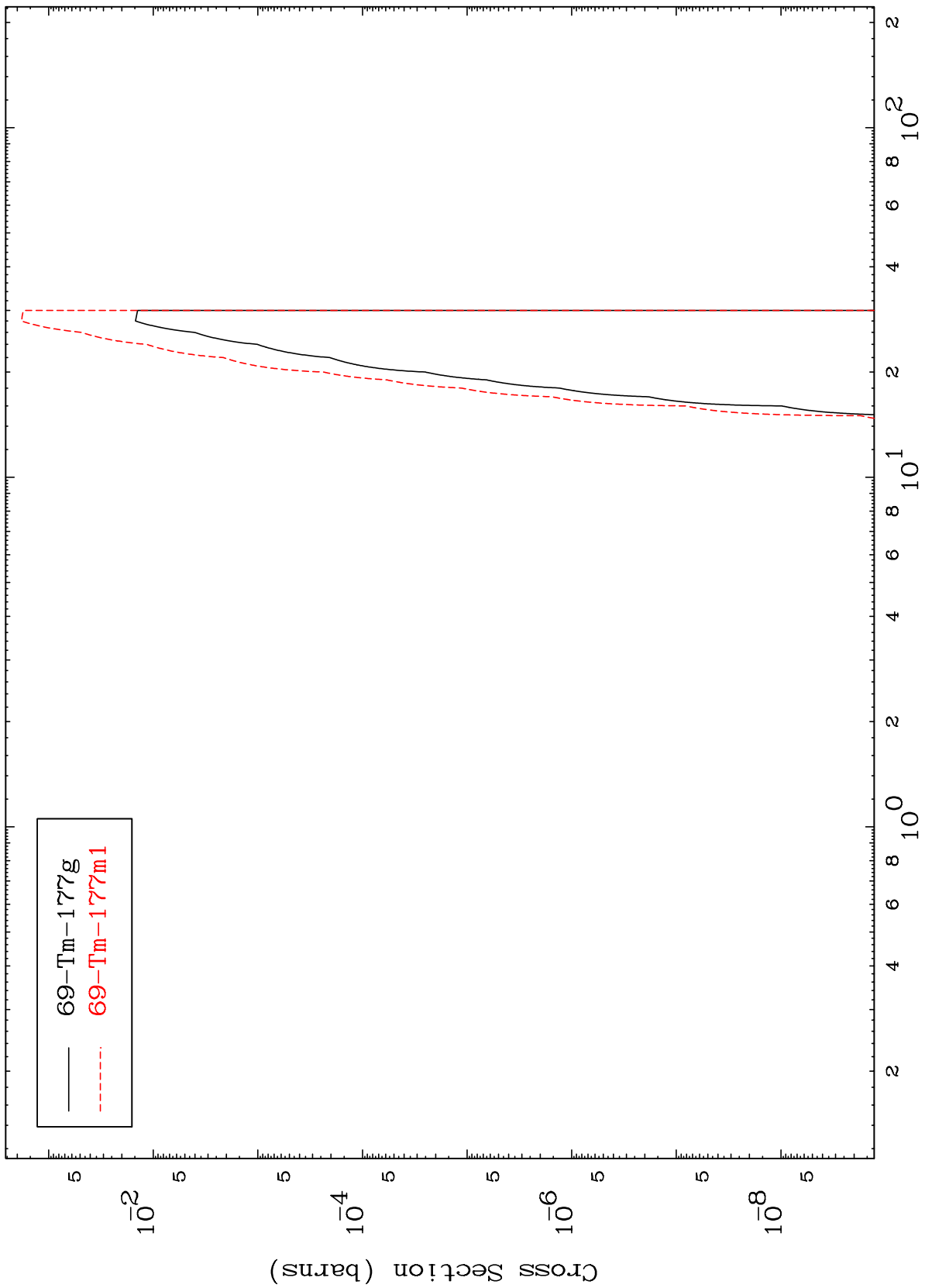
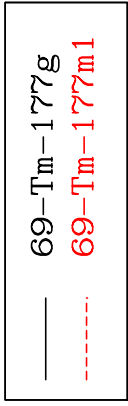
Incident Energy (MeV)

69-Tm-177m

MAT 6950

69-Tm-177m

Radionuclide Production Cross Section



15

69-Tm-177m

Incident Energy (MeV)