

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

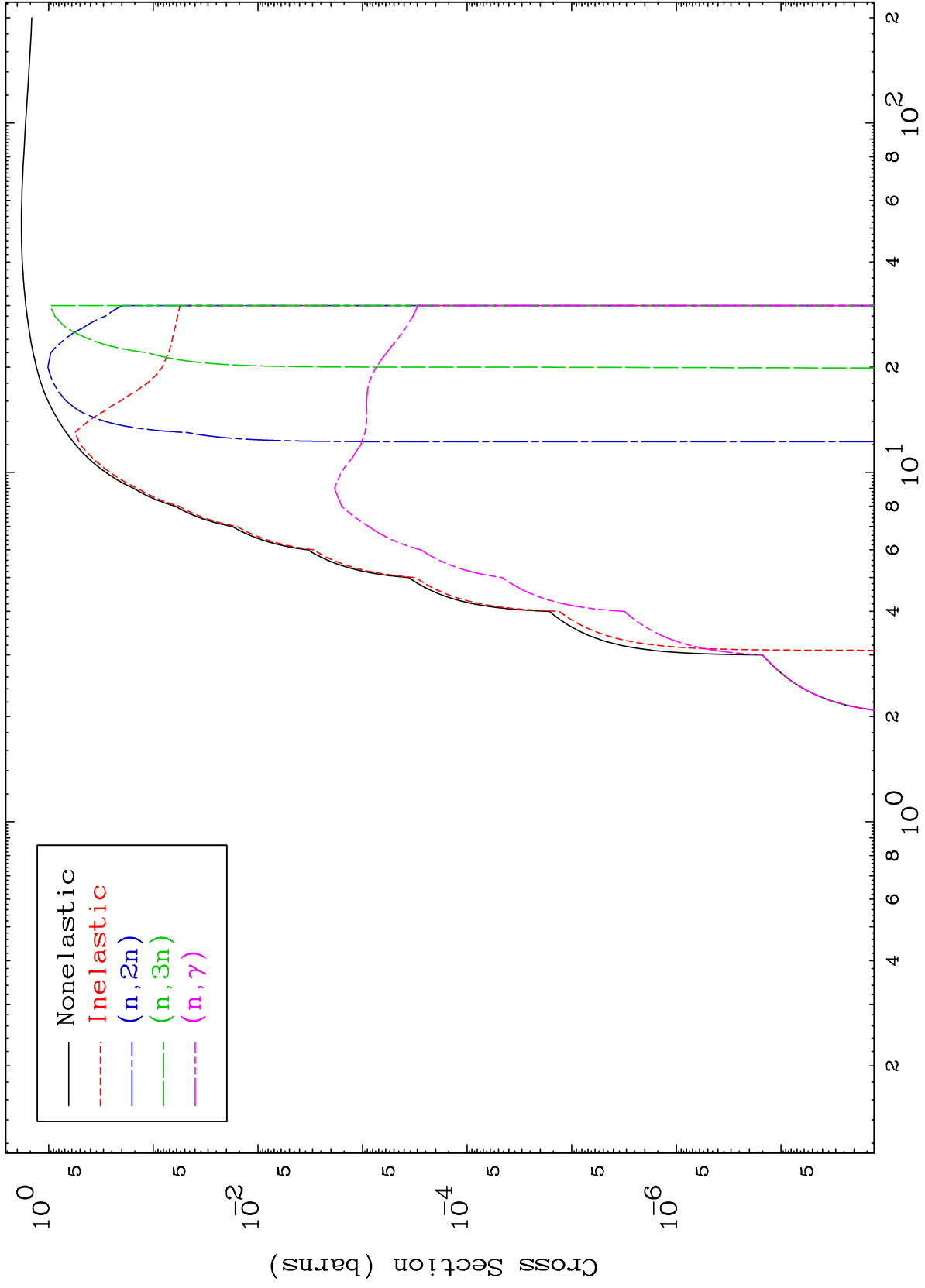
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

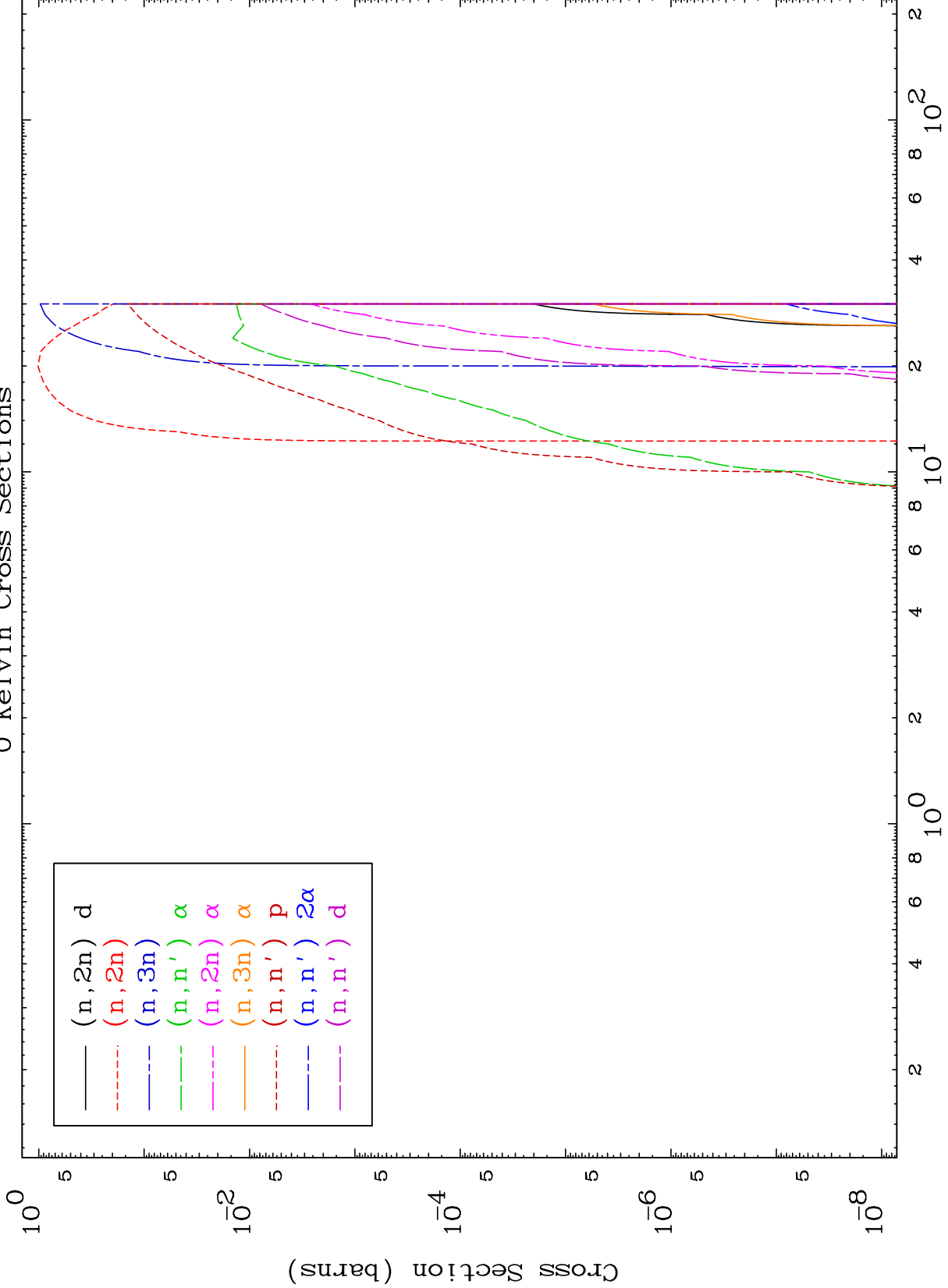
0 Kelvin Cross Sections

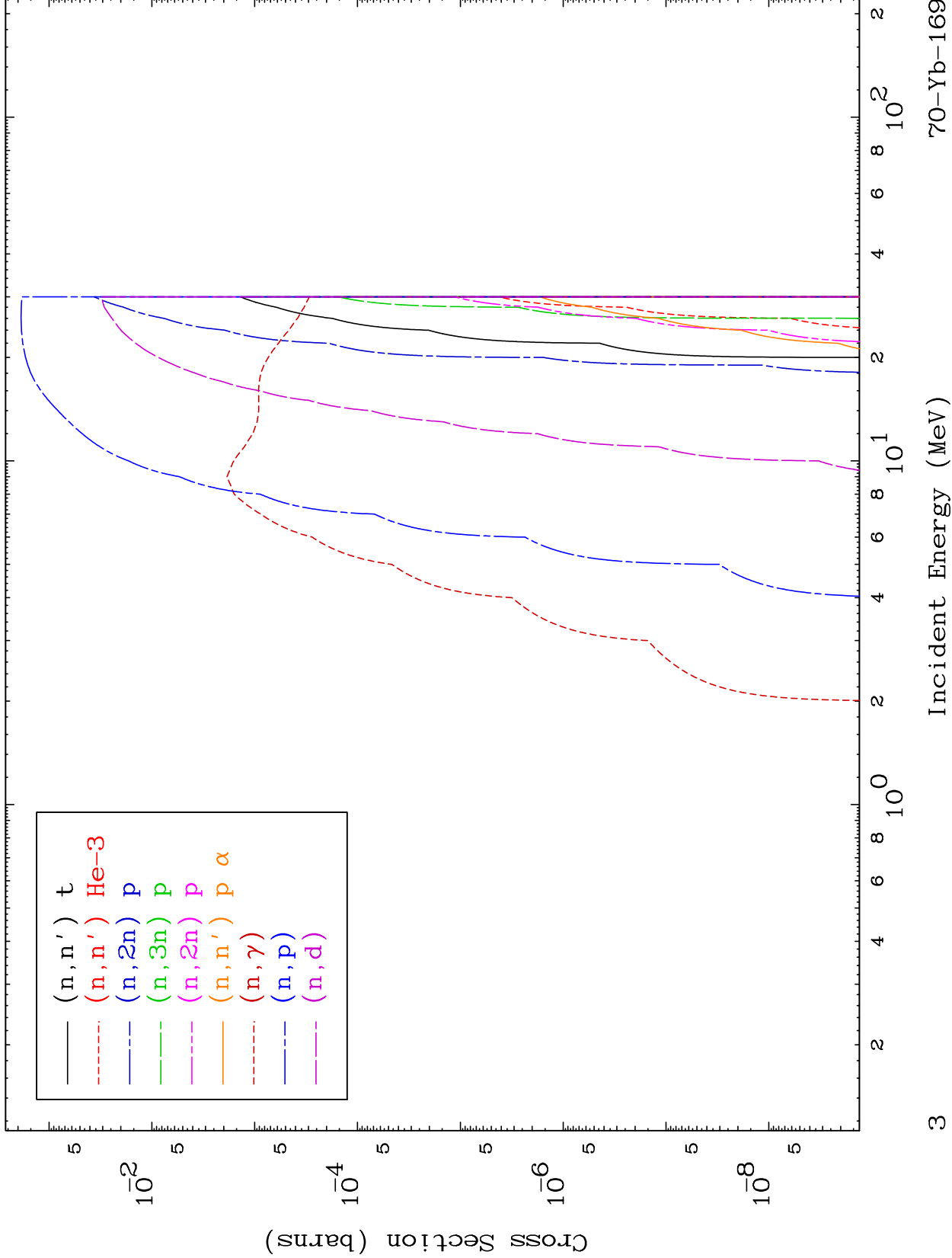


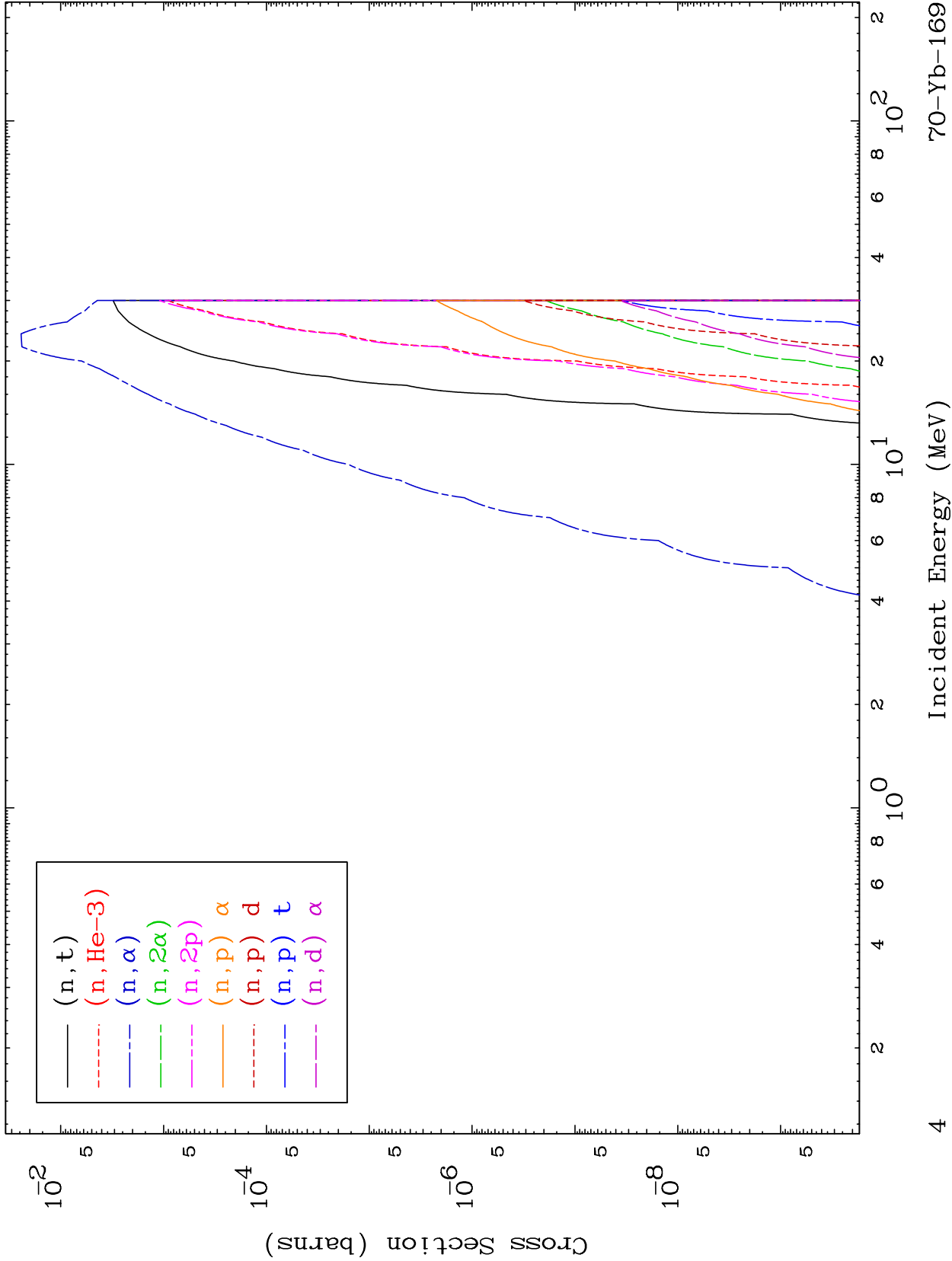
MAT 7028

Proton Neutron Absorption
0 Kelvin Cross Sections

70-Yb-169



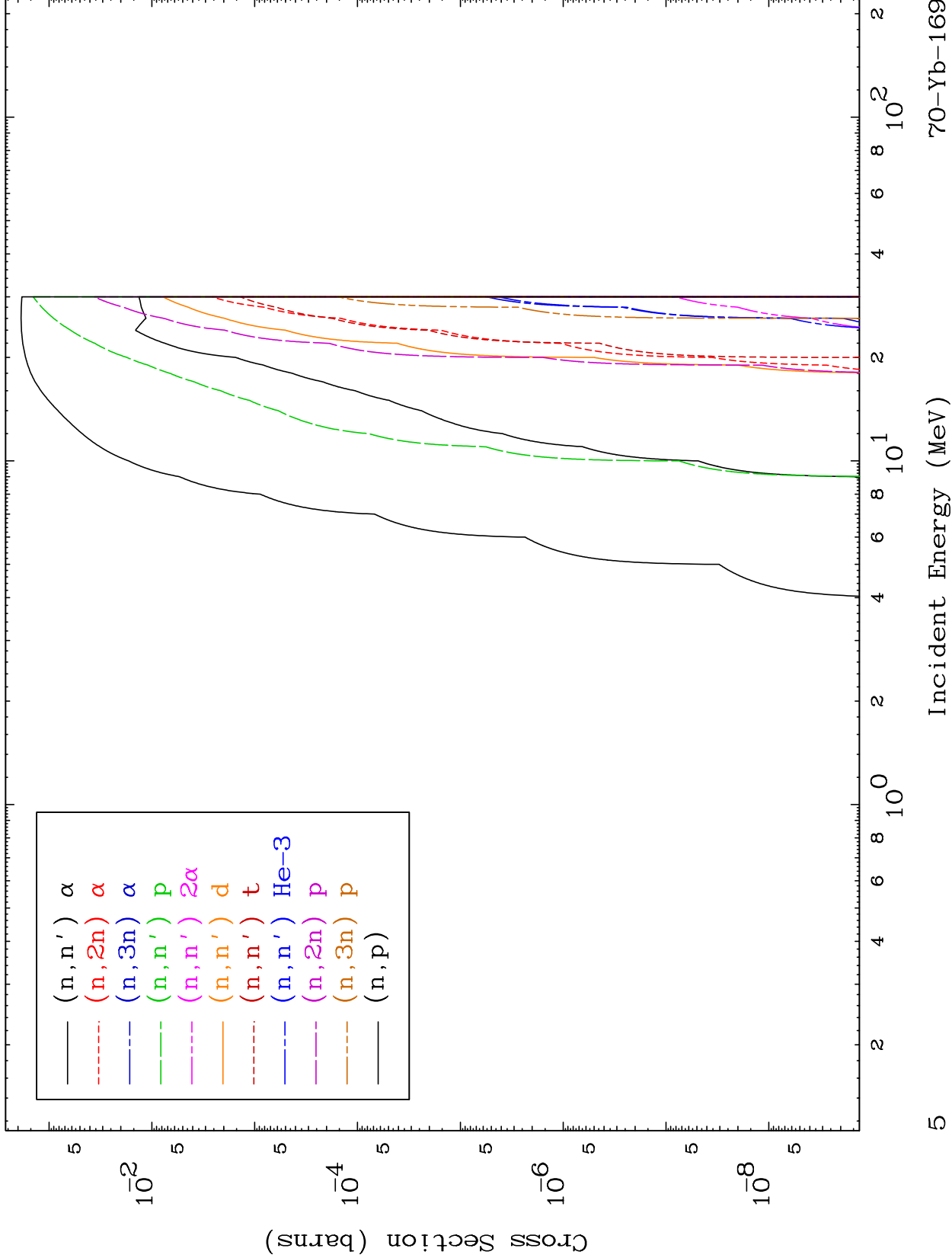


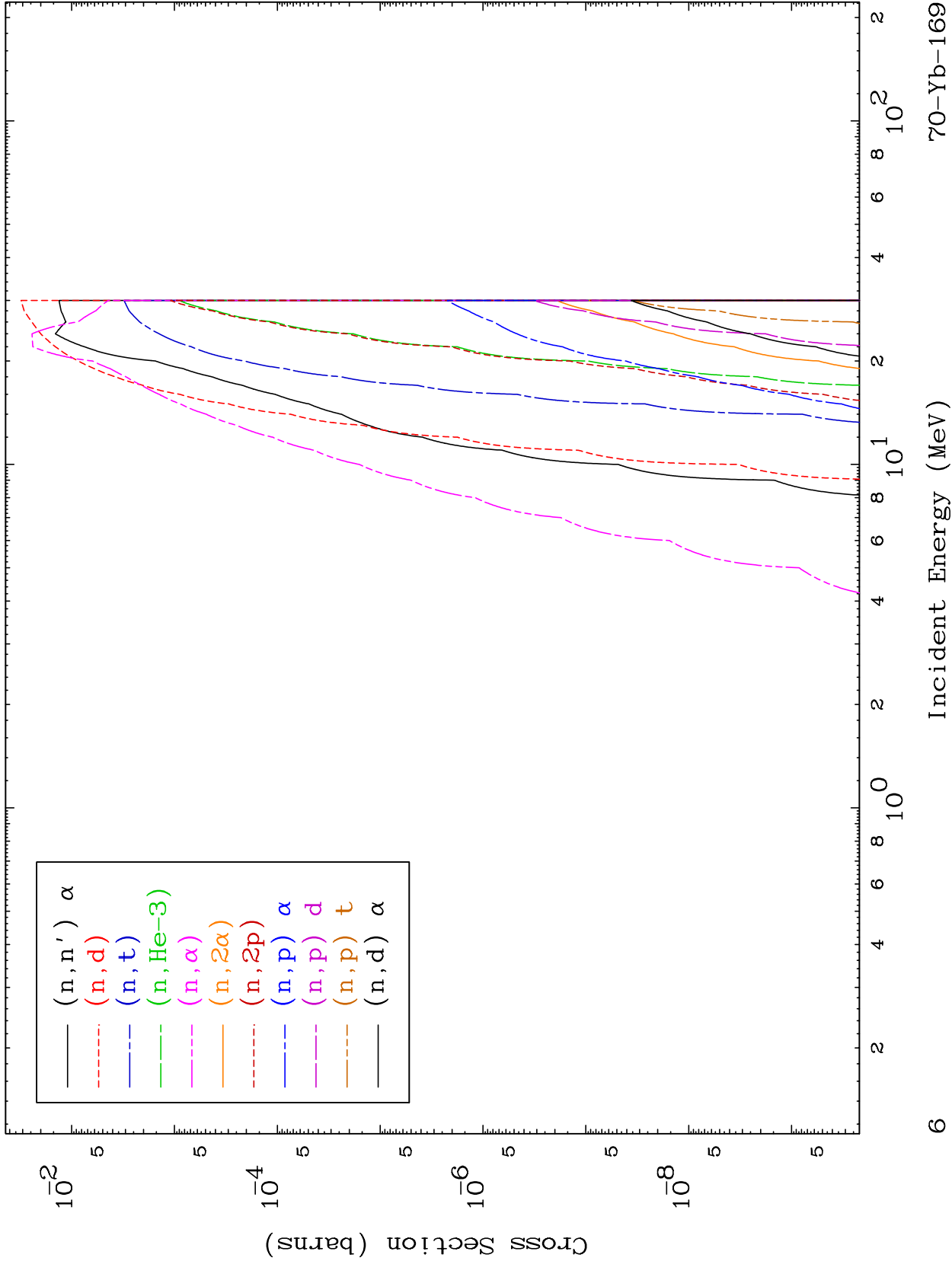


MAT 7028

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-169



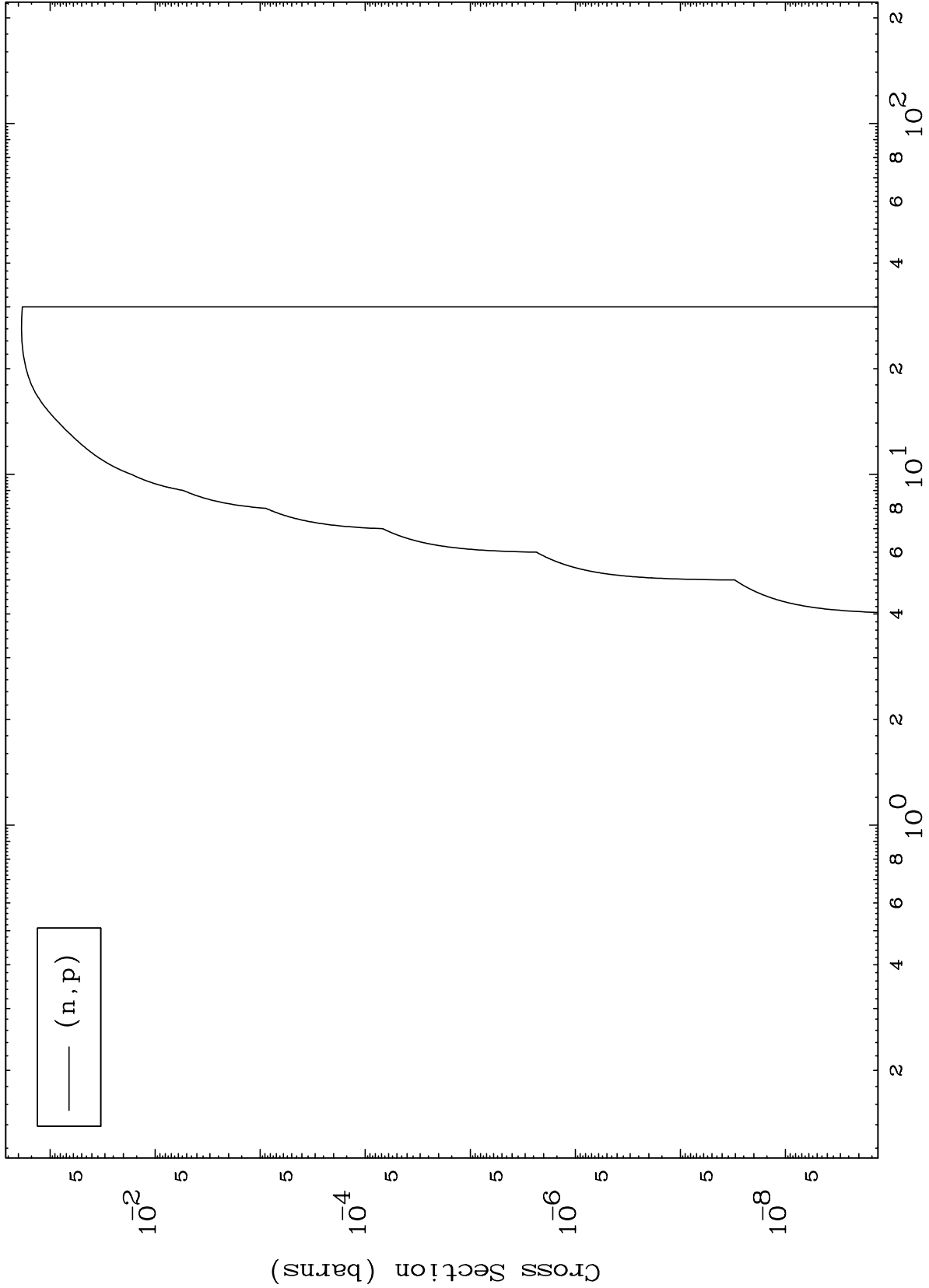


MAT 7028

(p,p) Levels

70-Yb-169

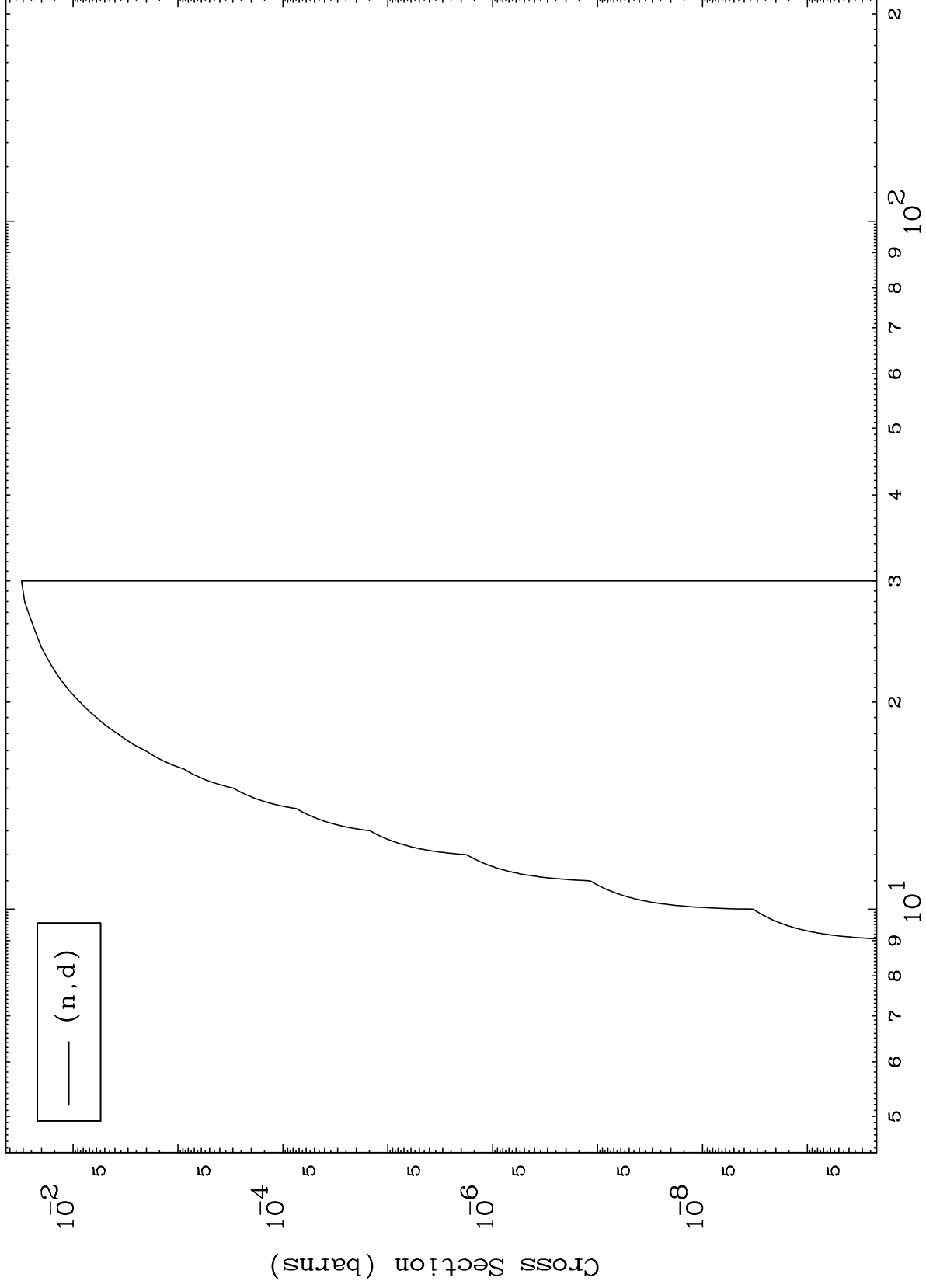
0 Kelvin Cross Sections



MAT 7028

(p,d) Levels
0 Kelvin Cross Sections

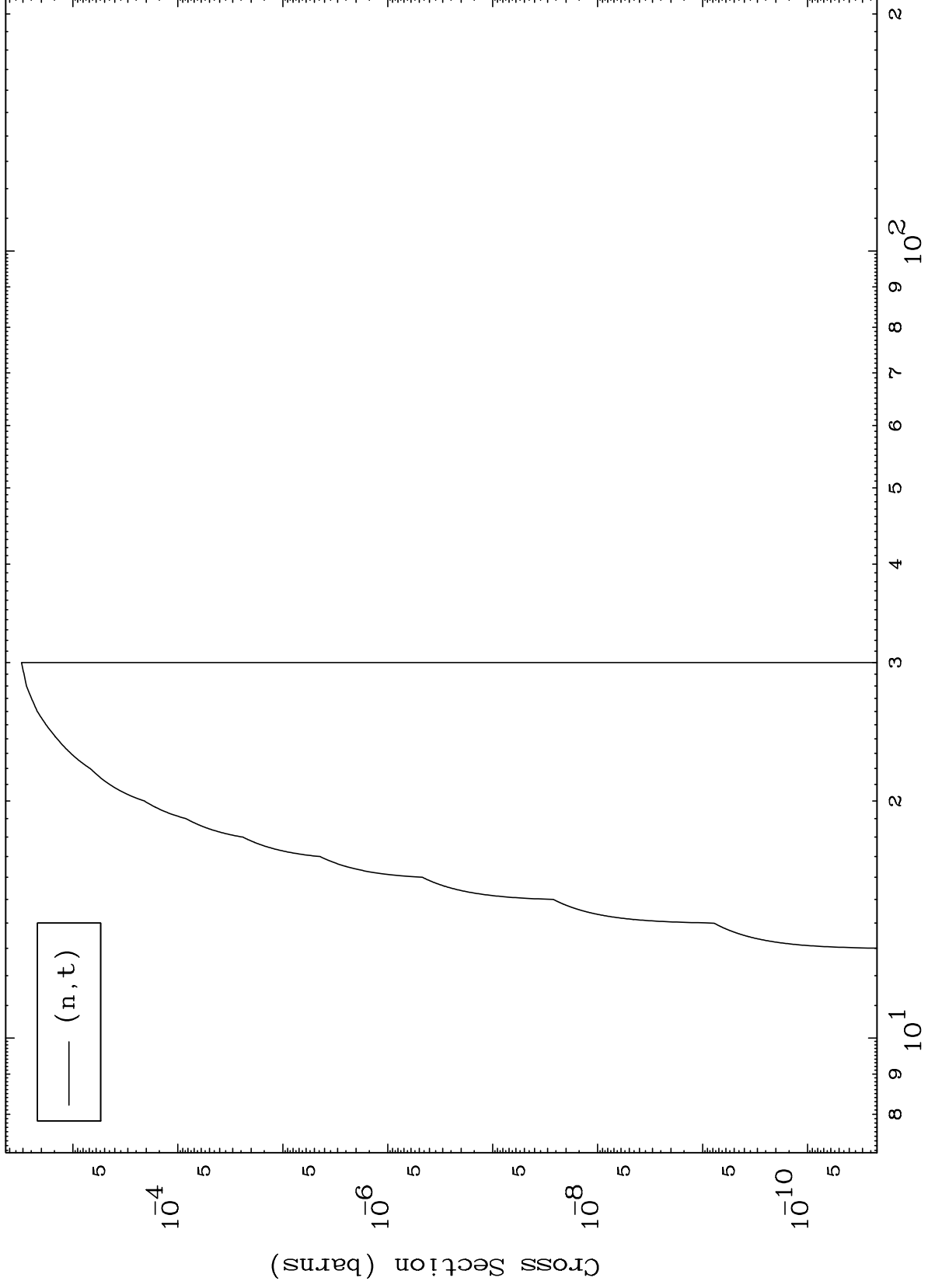
70-Yb-169



MAT 7028

(p,t) Levels
0 Kelvin Cross Sections

70-Yb-169



9

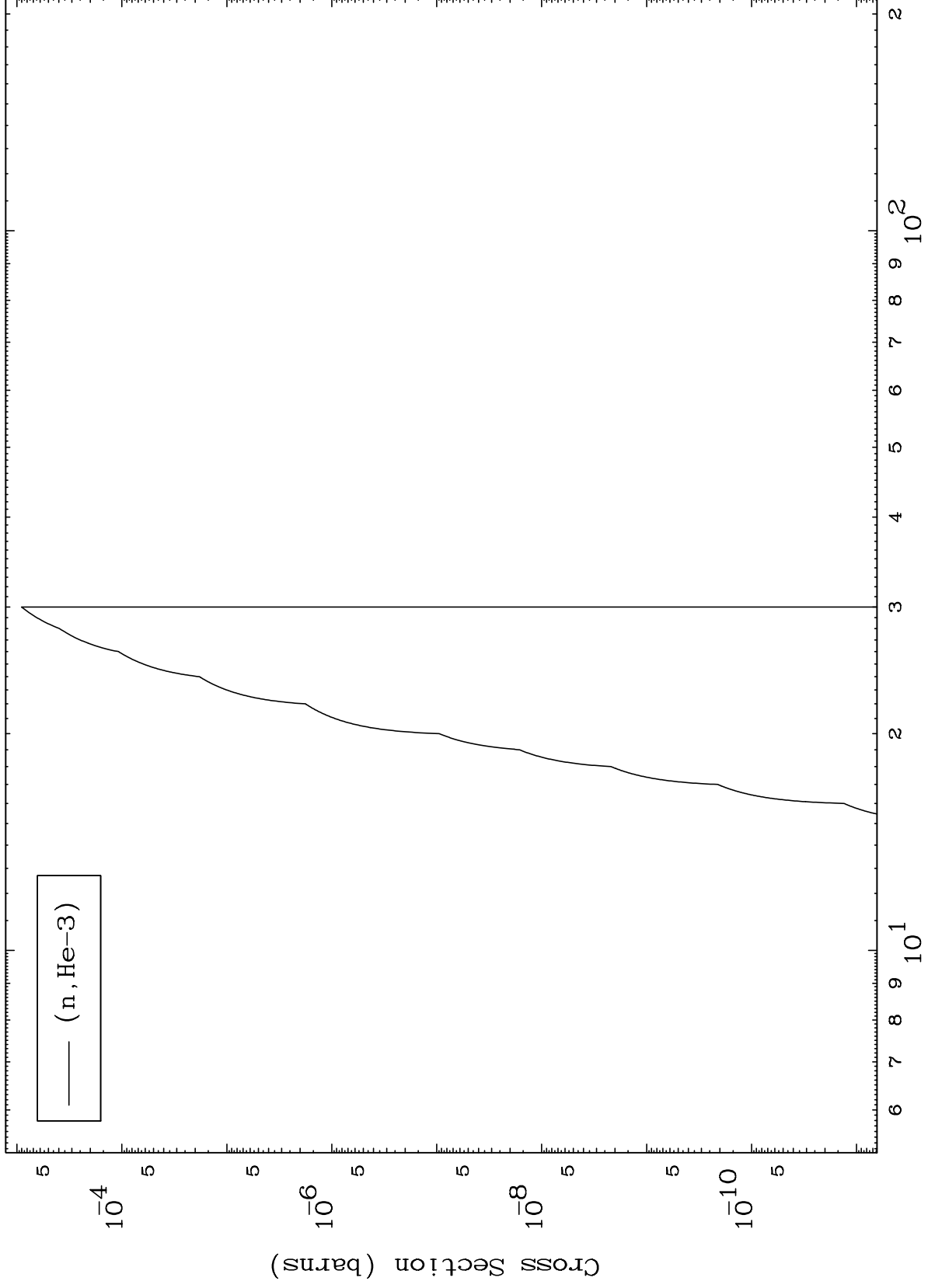
Incident Energy (MeV)

70-Yb-169

MAT 7028

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-169



10

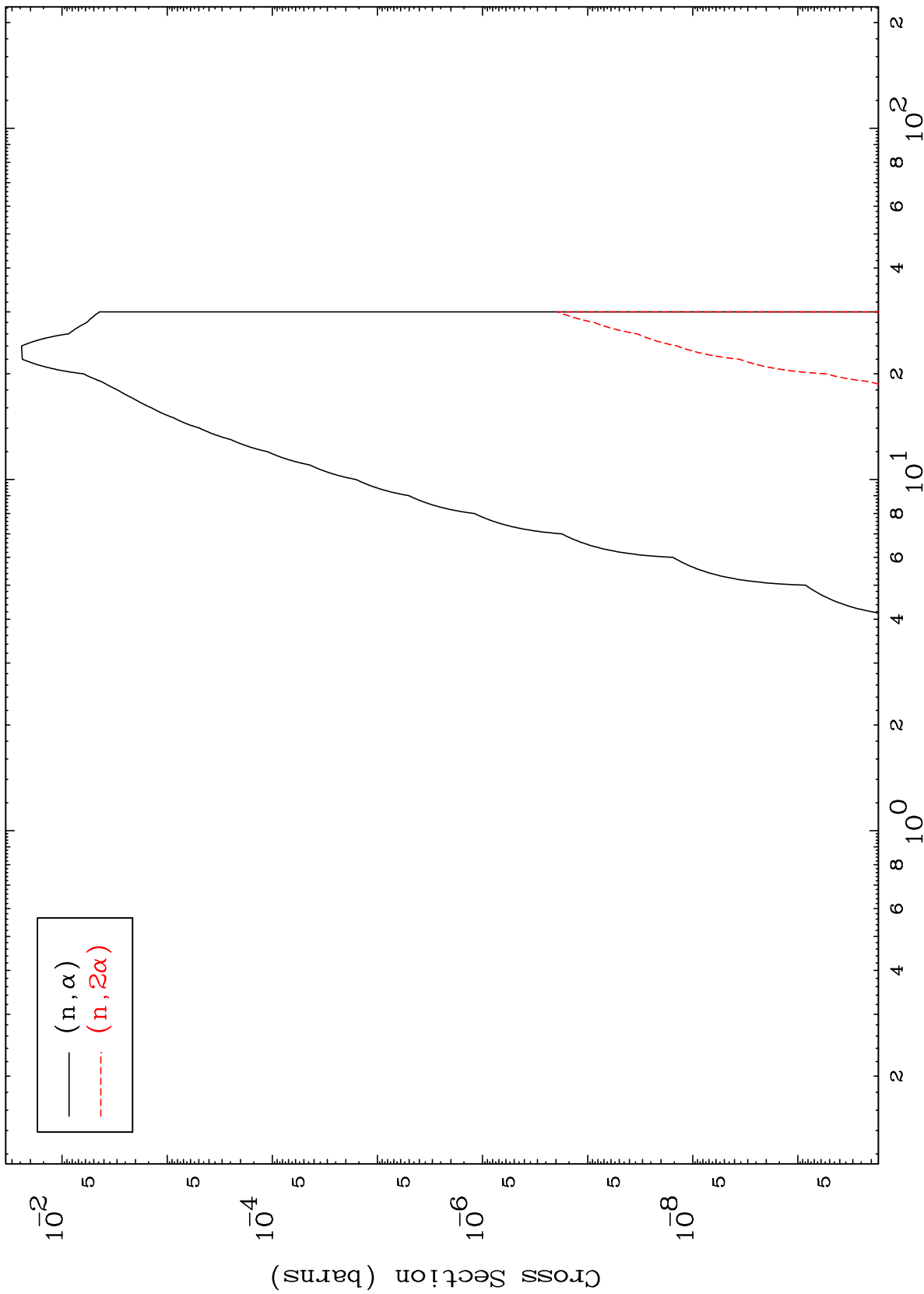
Incident Energy (MeV)

70-Yb-169

MAT 7028

70-Yb-169

(p, α) Levels
0 Kelvin Cross Sections



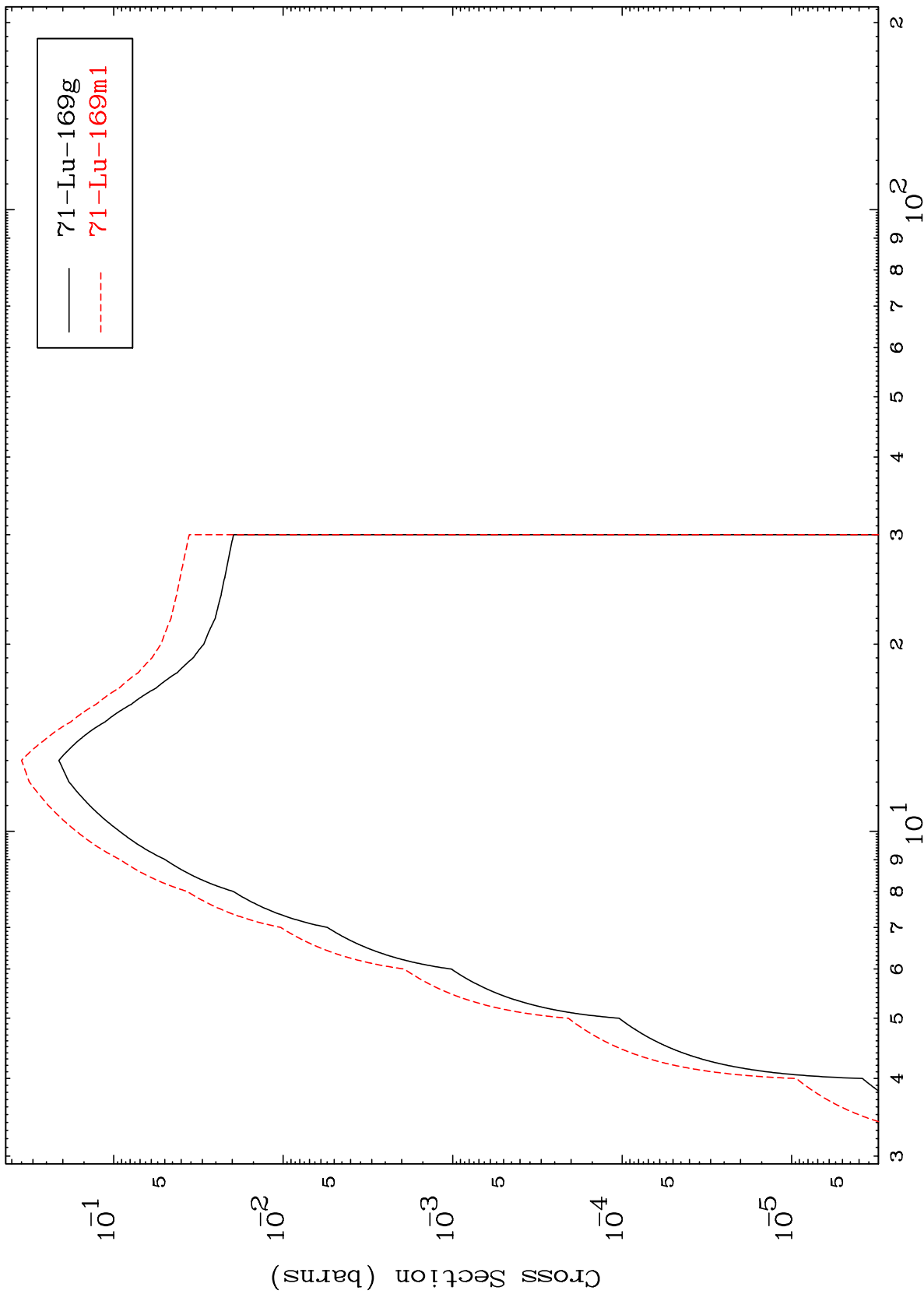
70-Yb-169

Incident Energy (MeV)

MAT 7028

70-Yb-169

Inelastic
Radionuclide Production Cross Section



70-Yb-169

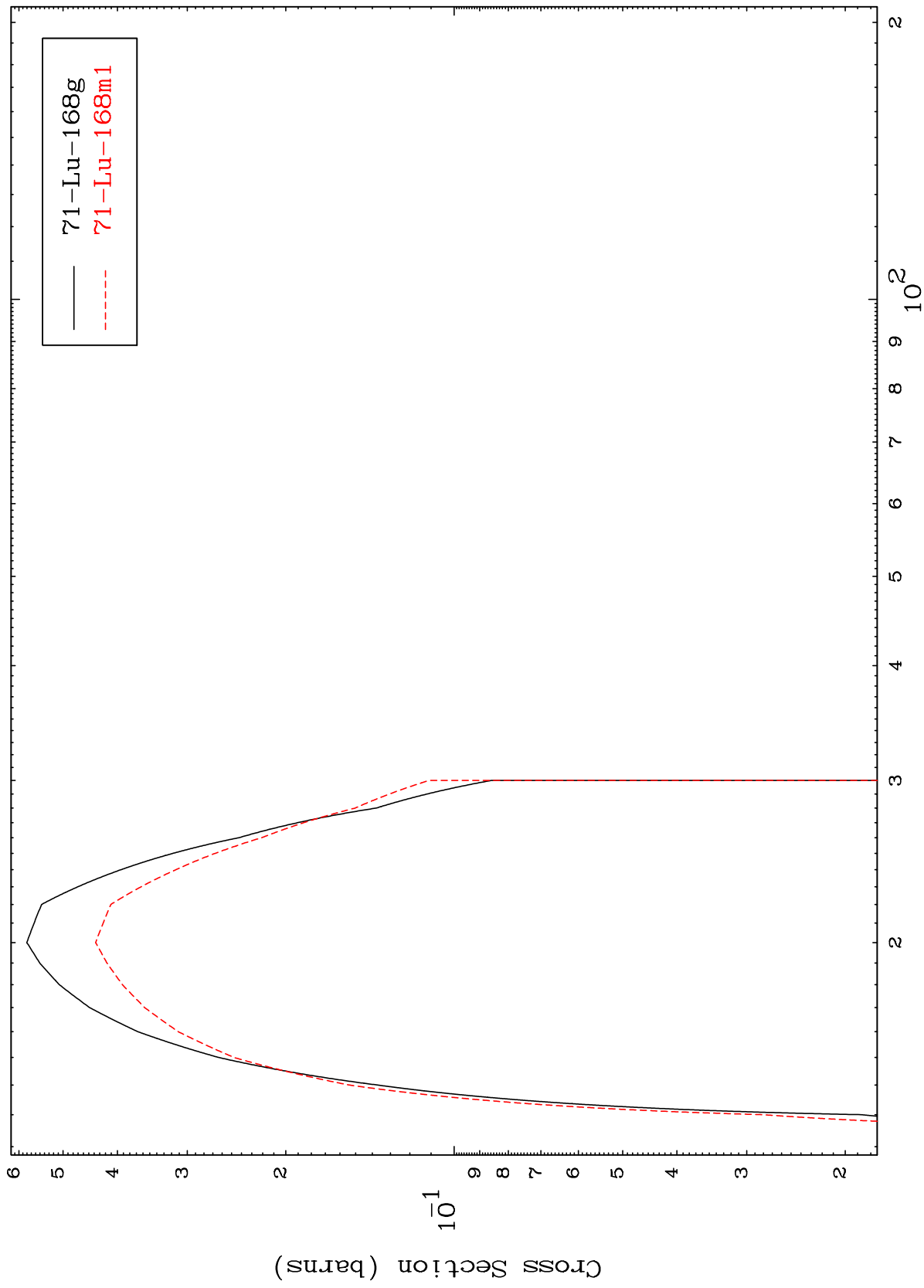
Incident Energy (MeV)

12

MAT 7028

70-Yb-169

(n,2n)
Radionuclide Production Cross Section



70-Yb-169

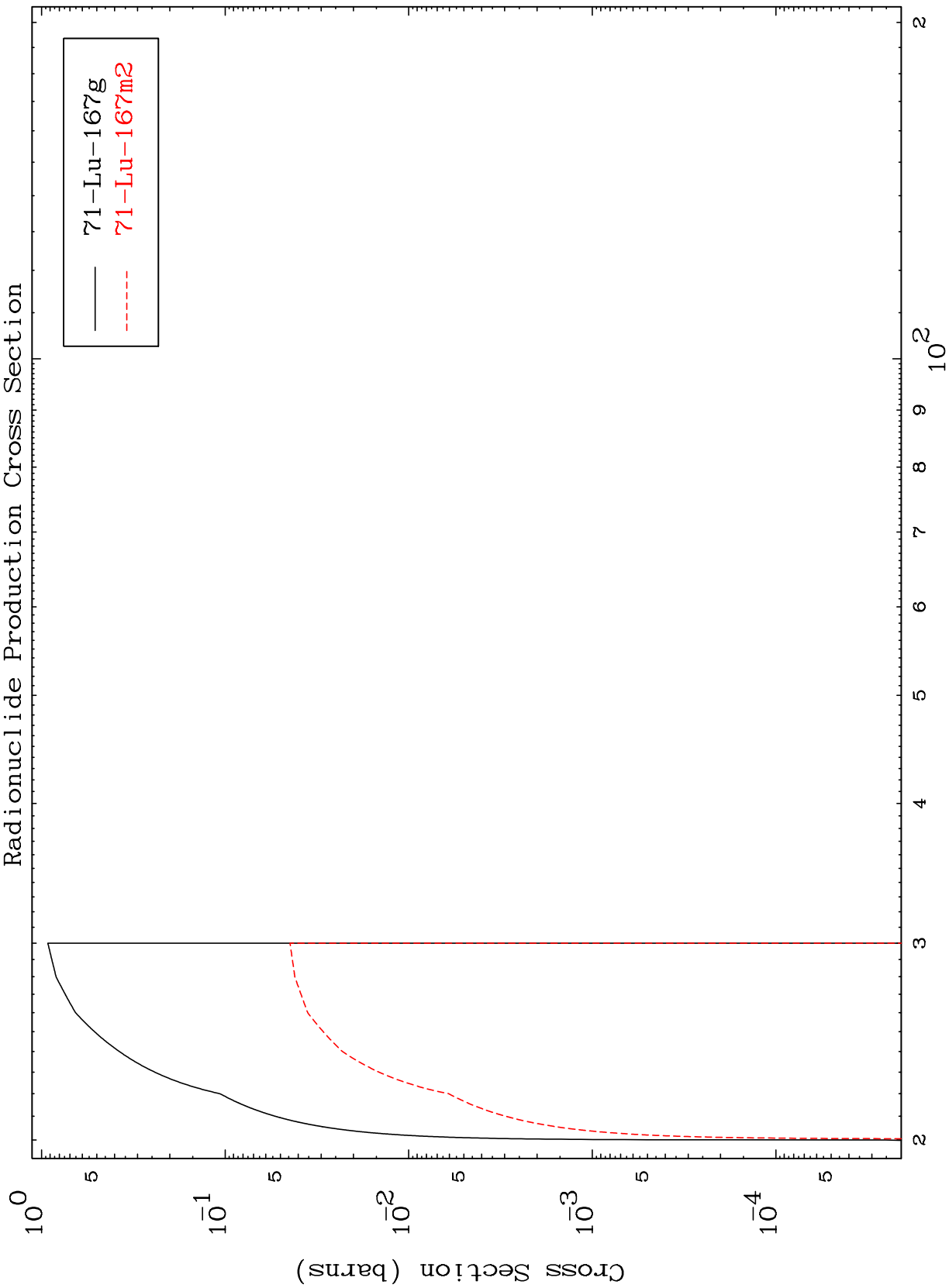
Incident Energy (MeV)

13

MAT 7028

70-Yb-169

(n,3n)
Radionuclide Production Cross Section



70-Yb-169

Incident Energy (MeV)

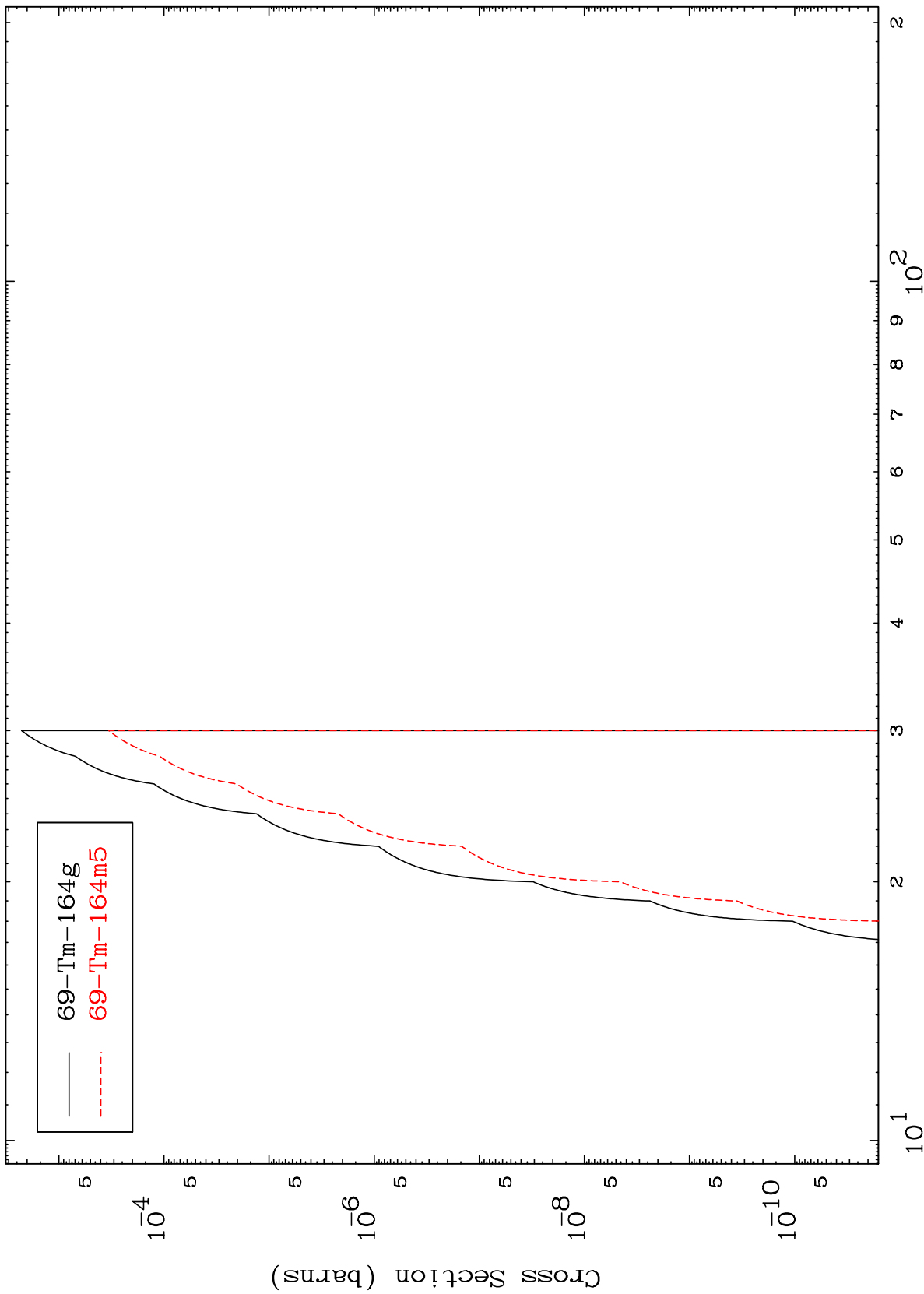
14

MAT 7028

(n,2n) α

70-Yb-169

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

Incident Energy (MeV)

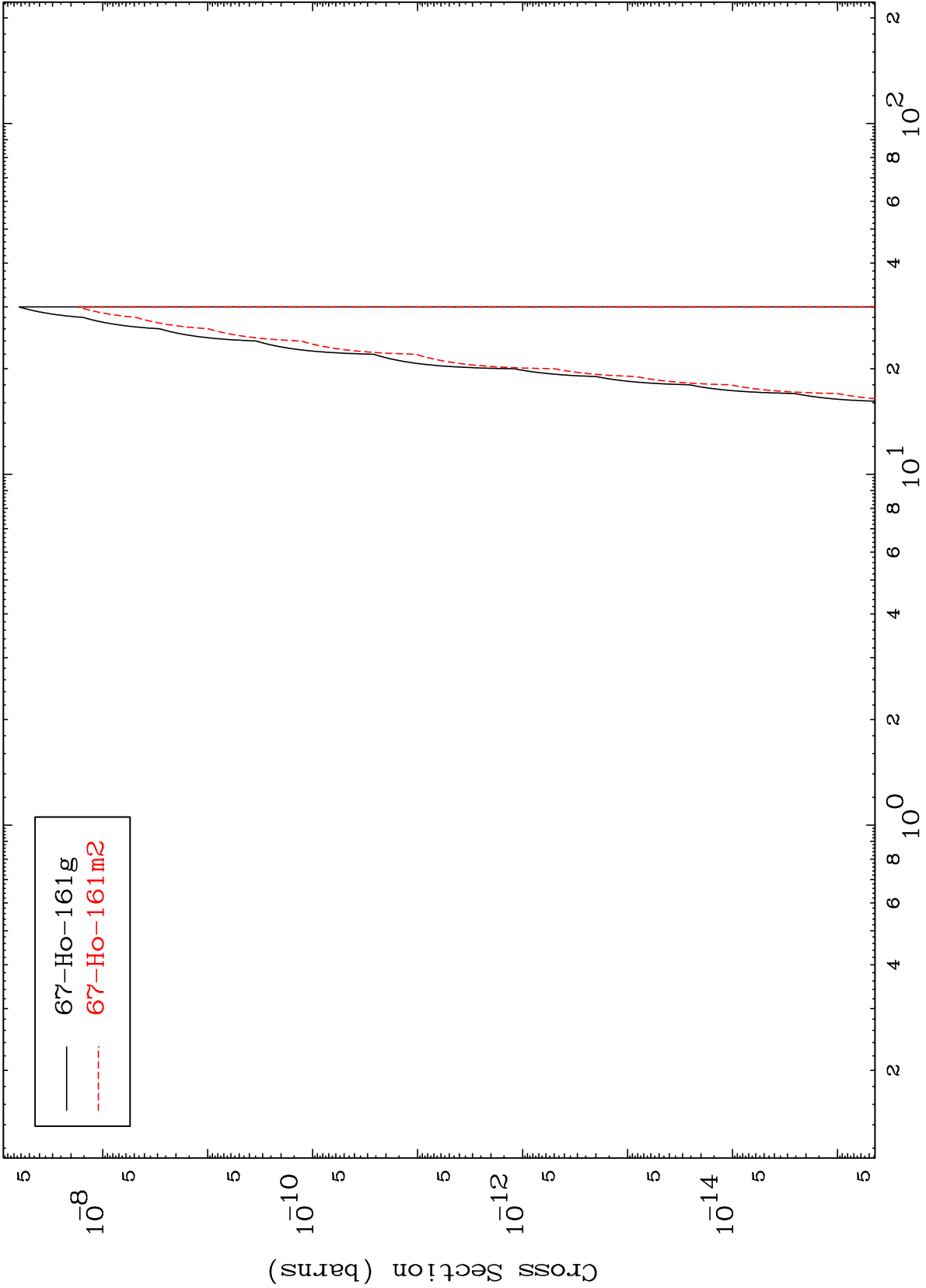
70-Yb-169

MAT 7028

(n,n') 2α

70-Yb-169

Radionuclide Production Cross Section



16

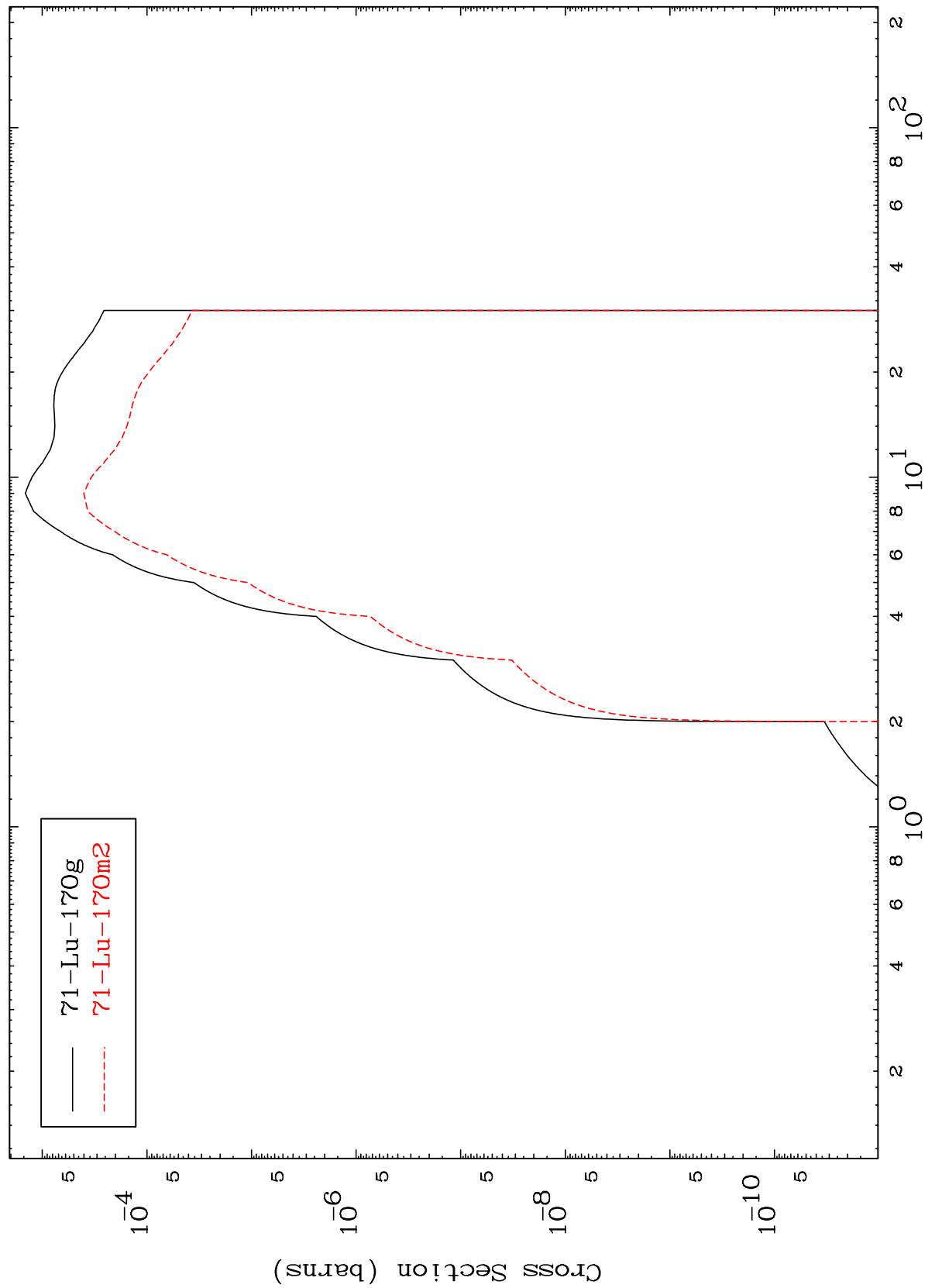
Incident Energy (MeV)

70-Yb-169

MAT 7028

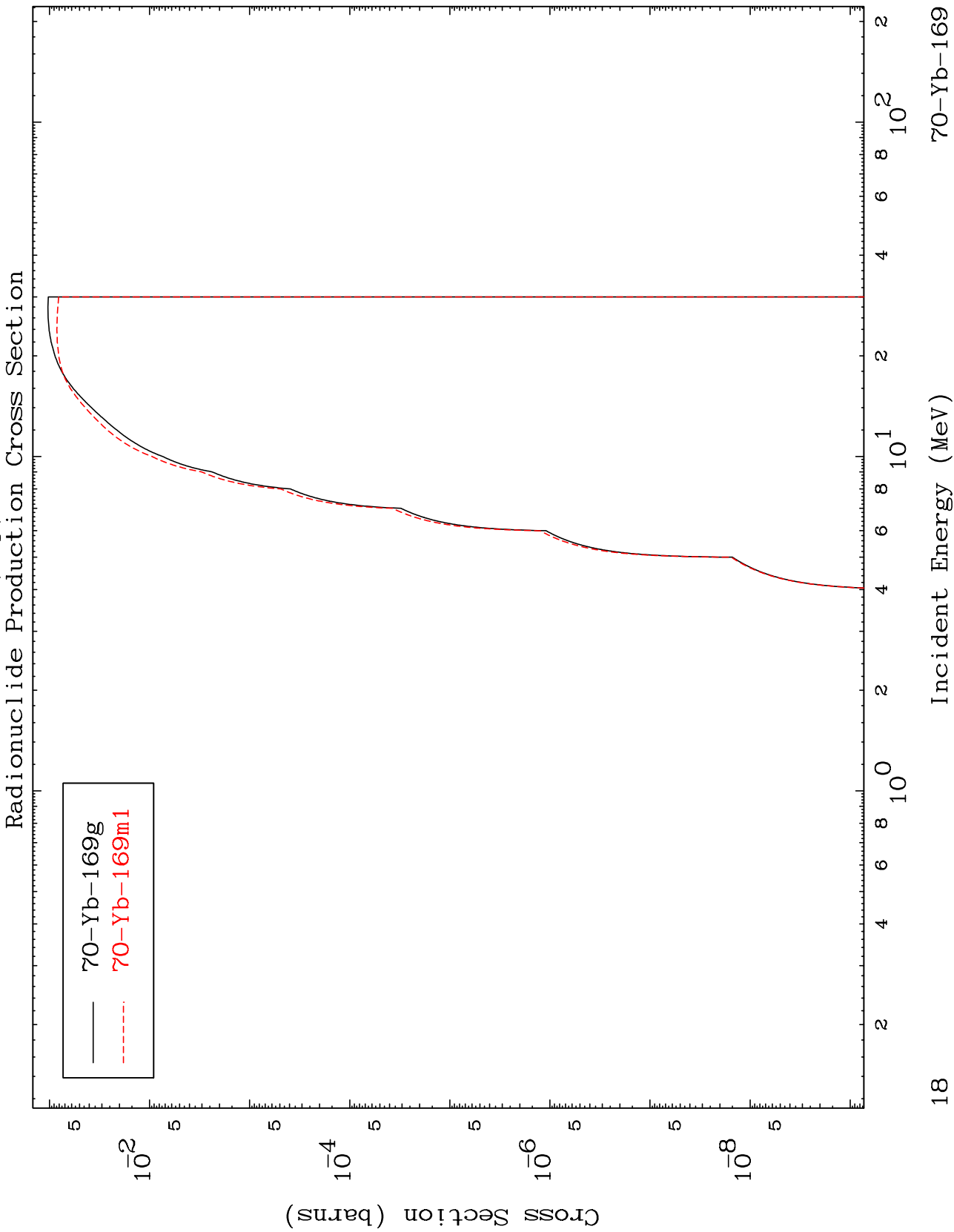
70-Yb-169

(n, γ)
Radionuclide Production Cross Section



MAT 7028

⁷⁰Yb-169



18

⁷⁰Yb-169

MAT 7028

(n,2α)

70-Yb-169

Radionuclide Production Cross Section

