

Program EVALPLOT
(Version 2017-1)

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

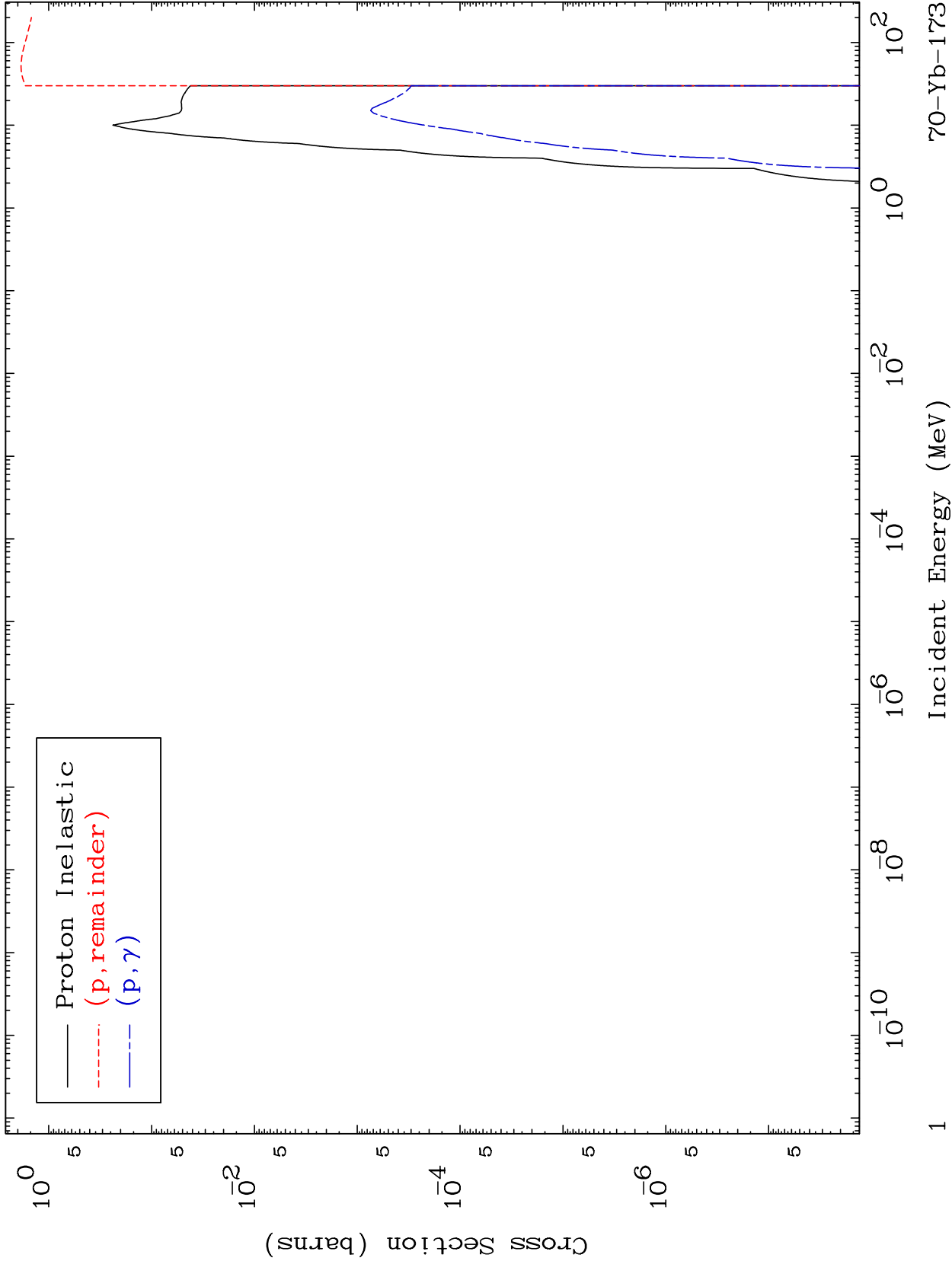
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7040

Proton Major
0 Kelvin Cross Sections

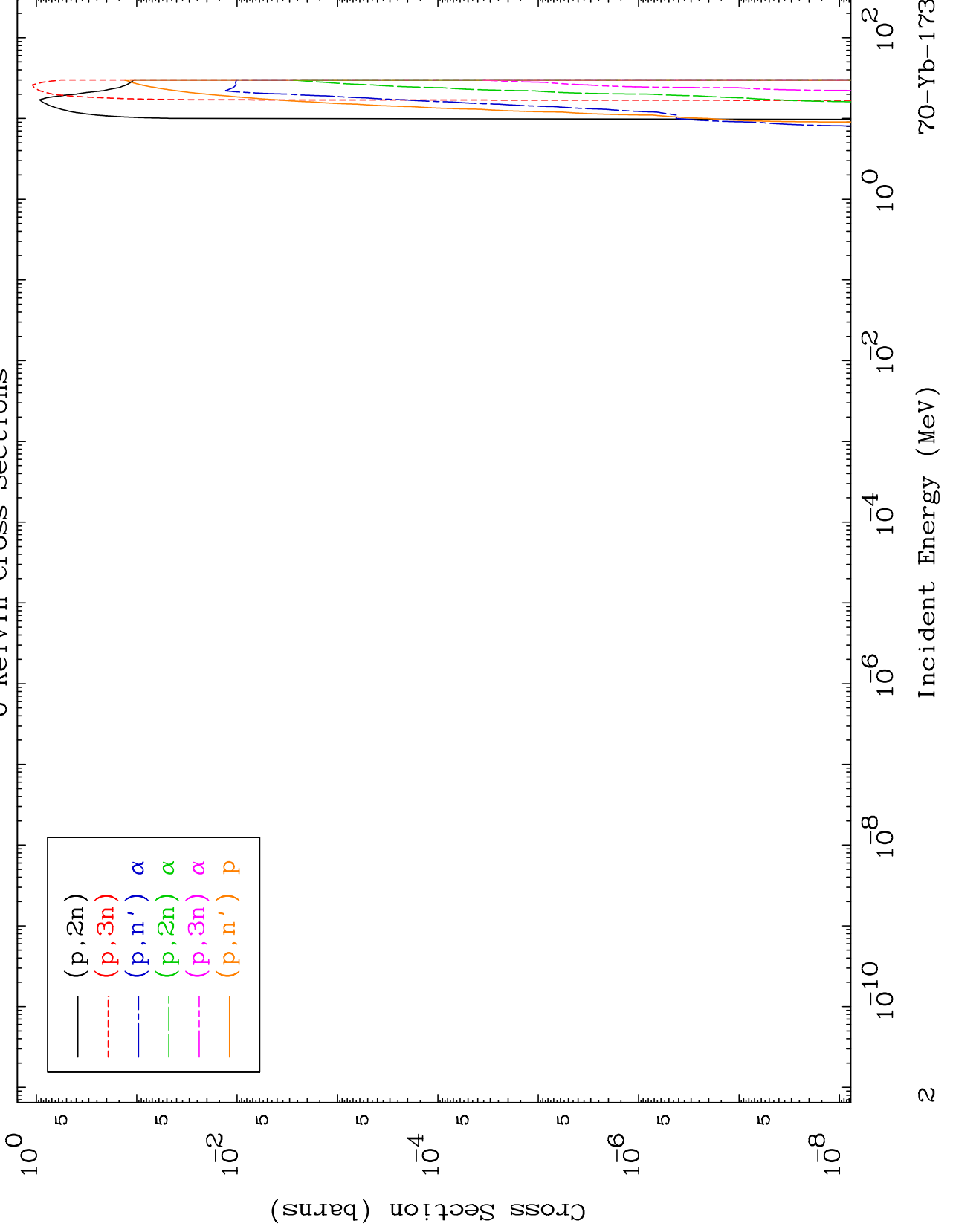
70-Yb-173

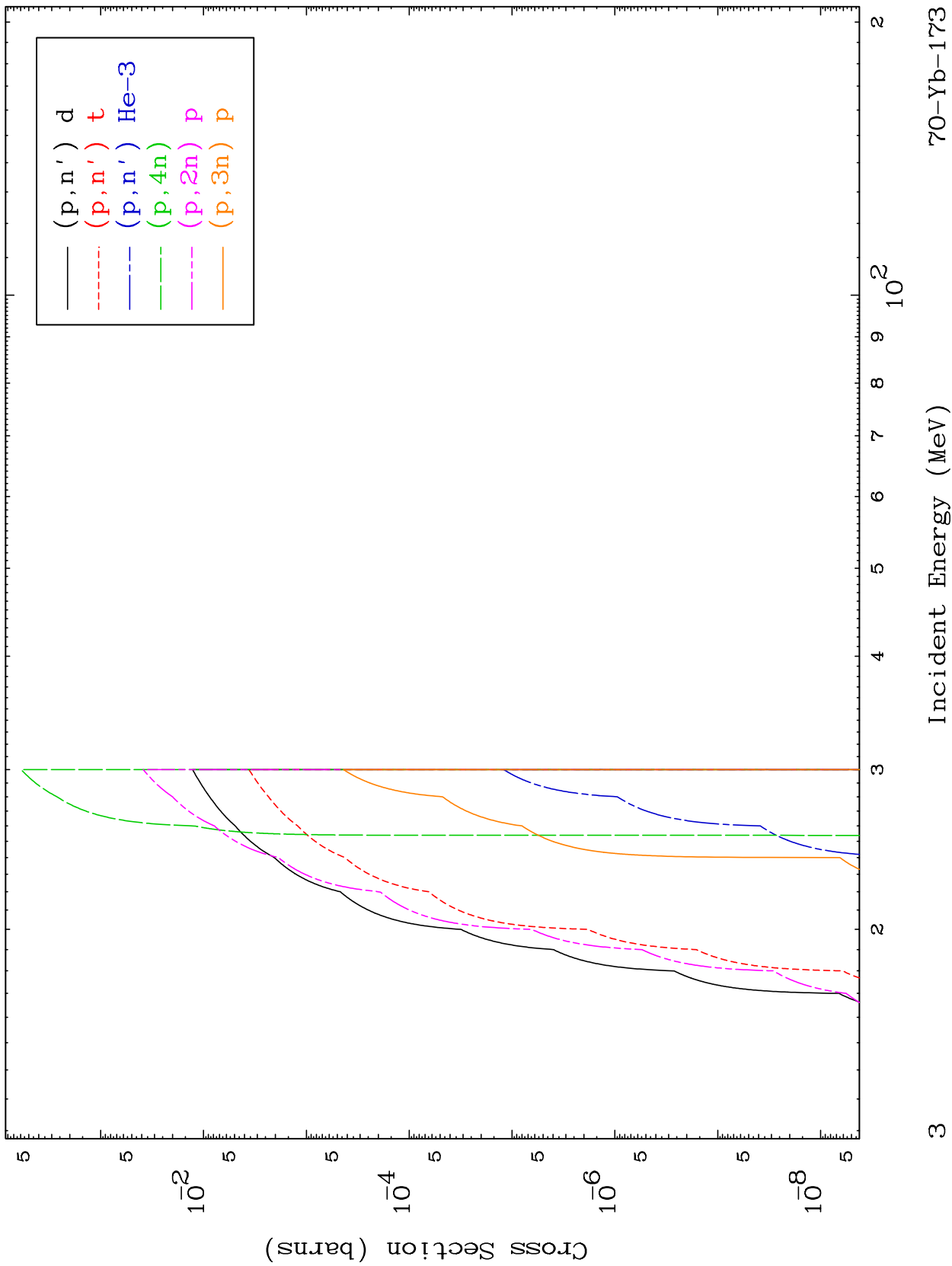


MAT 7040

Proton Neutron Production
0 Kelvin Cross Sections

70-Yb-173

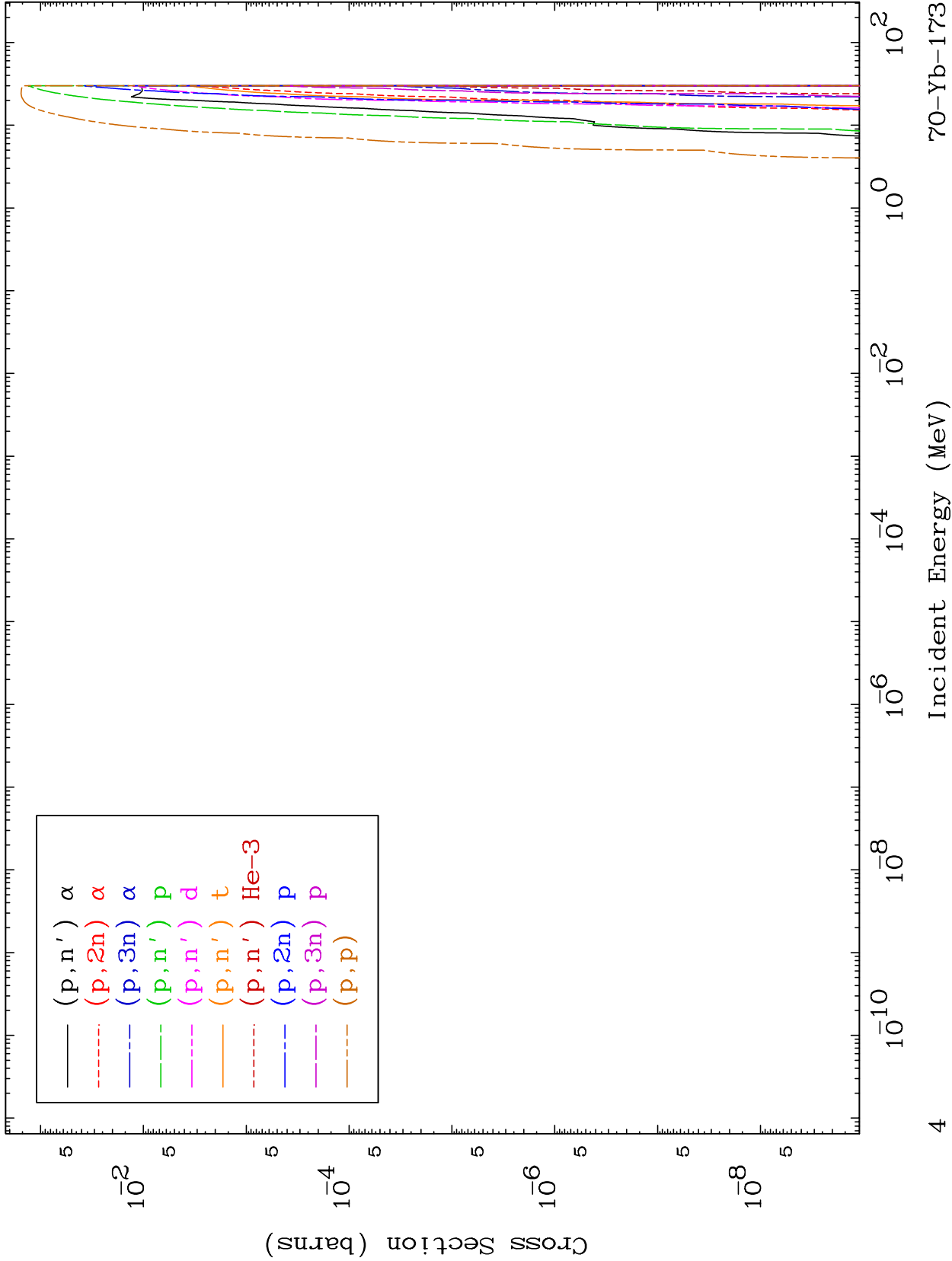




MAT 7040

Proton Charged Particle
0 Kelvin Cross Sections

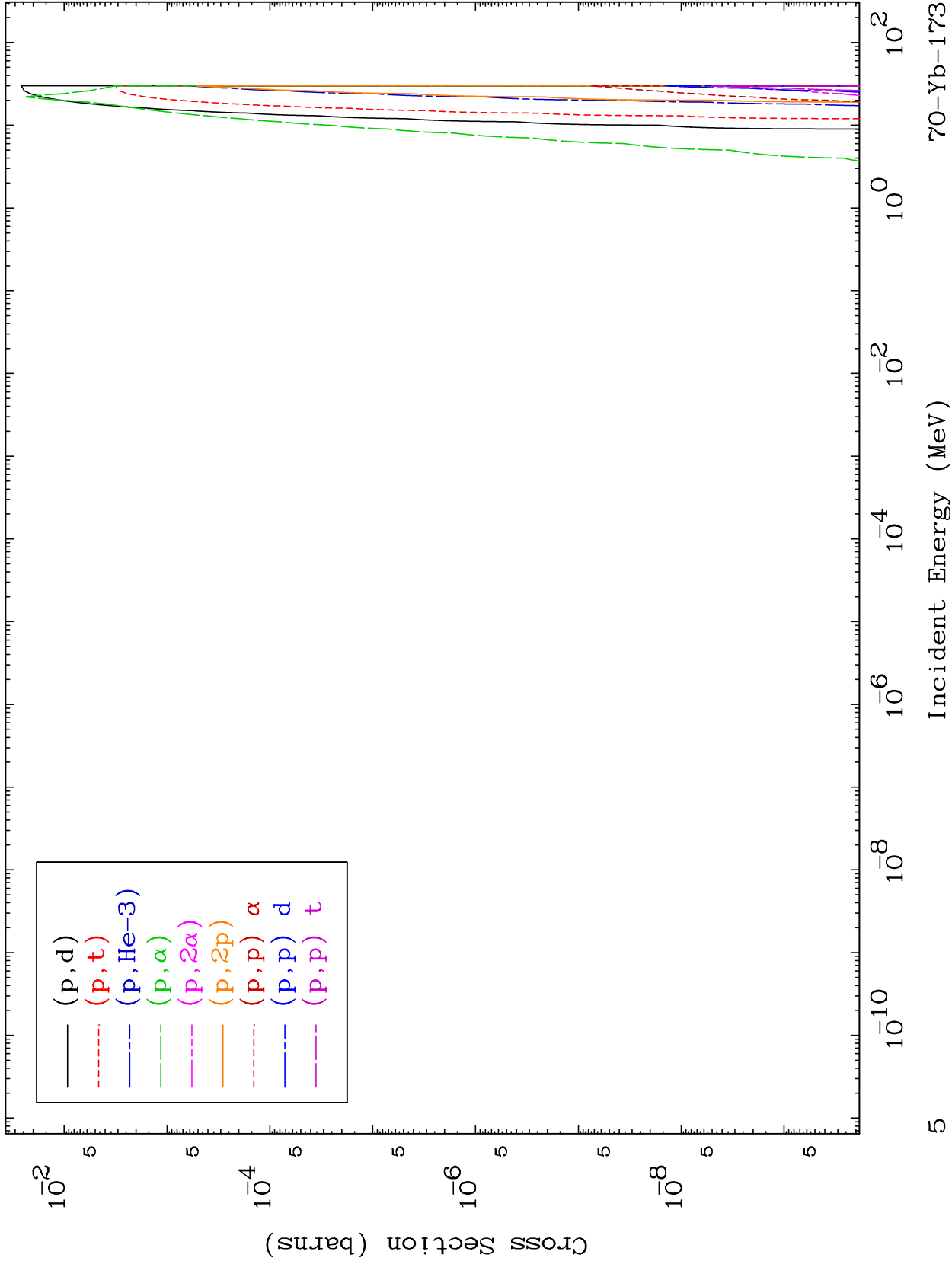
70-Yb-173



MAT 7040

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-173

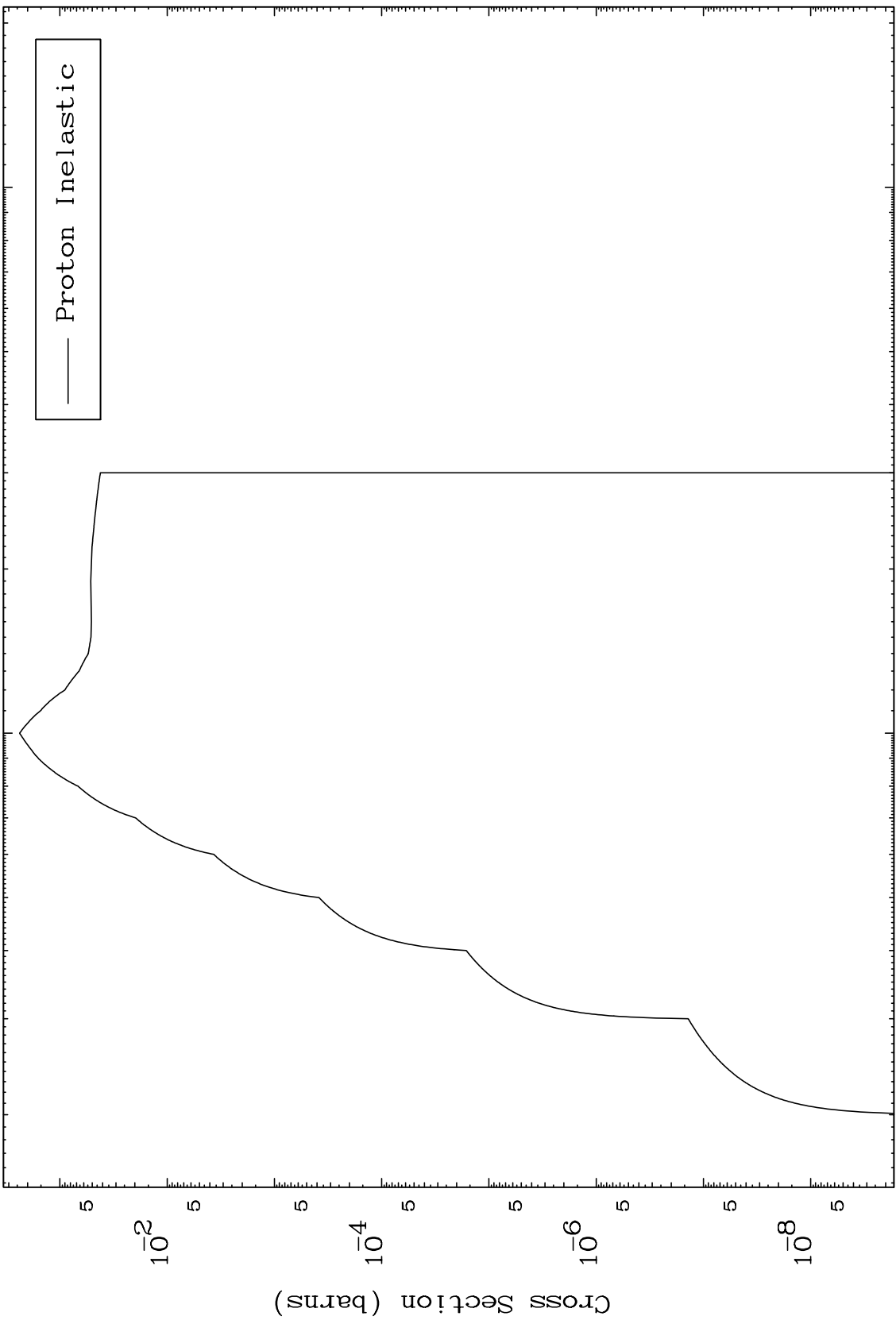


MAT 7040

(p,n') Level

70-Yb-173

0 Kelvin Cross Sections



6

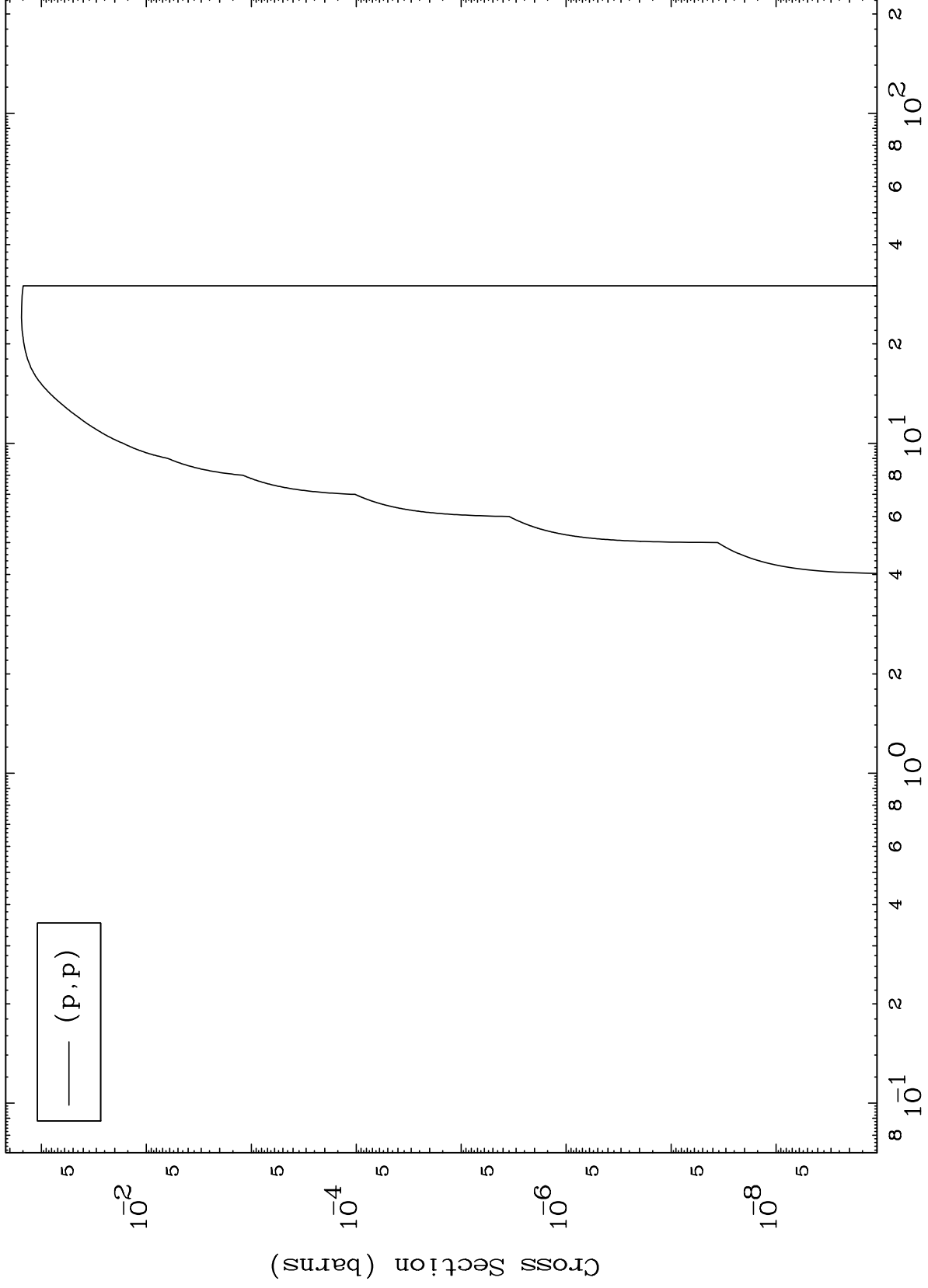
Incident Energy (MeV)

70-Yb-173

MAT 7040

(p,p) Levels
0 Kelvin Cross Sections

70-Yb-173



7

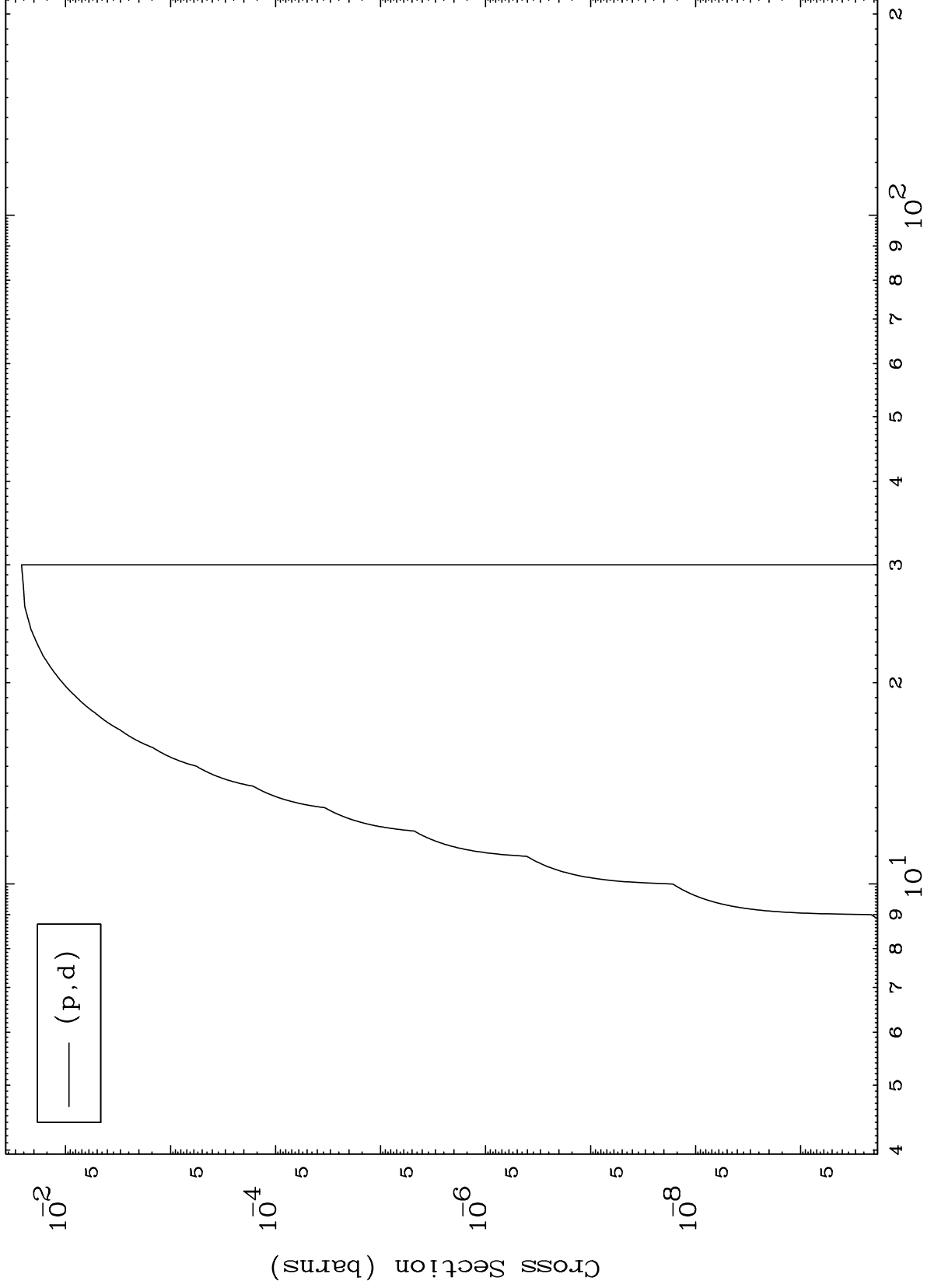
Incident Energy (MeV)

70-Yb-173

MAT 7040

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-173



8

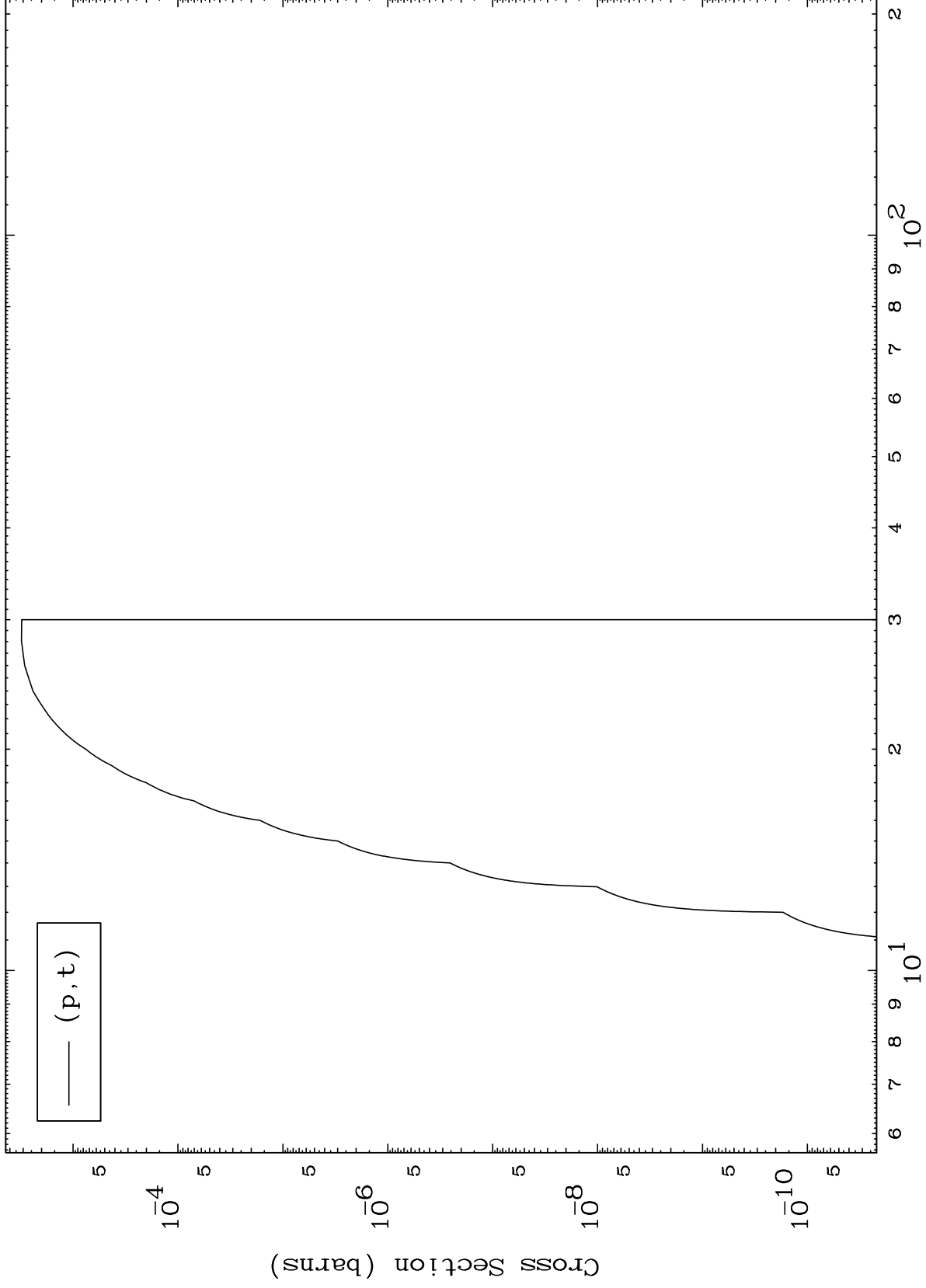
Incident Energy (MeV)

70-Yb-173

MAT 7040

(p, t) Levels
0 Kelvin Cross Sections

70-Yb-173



9

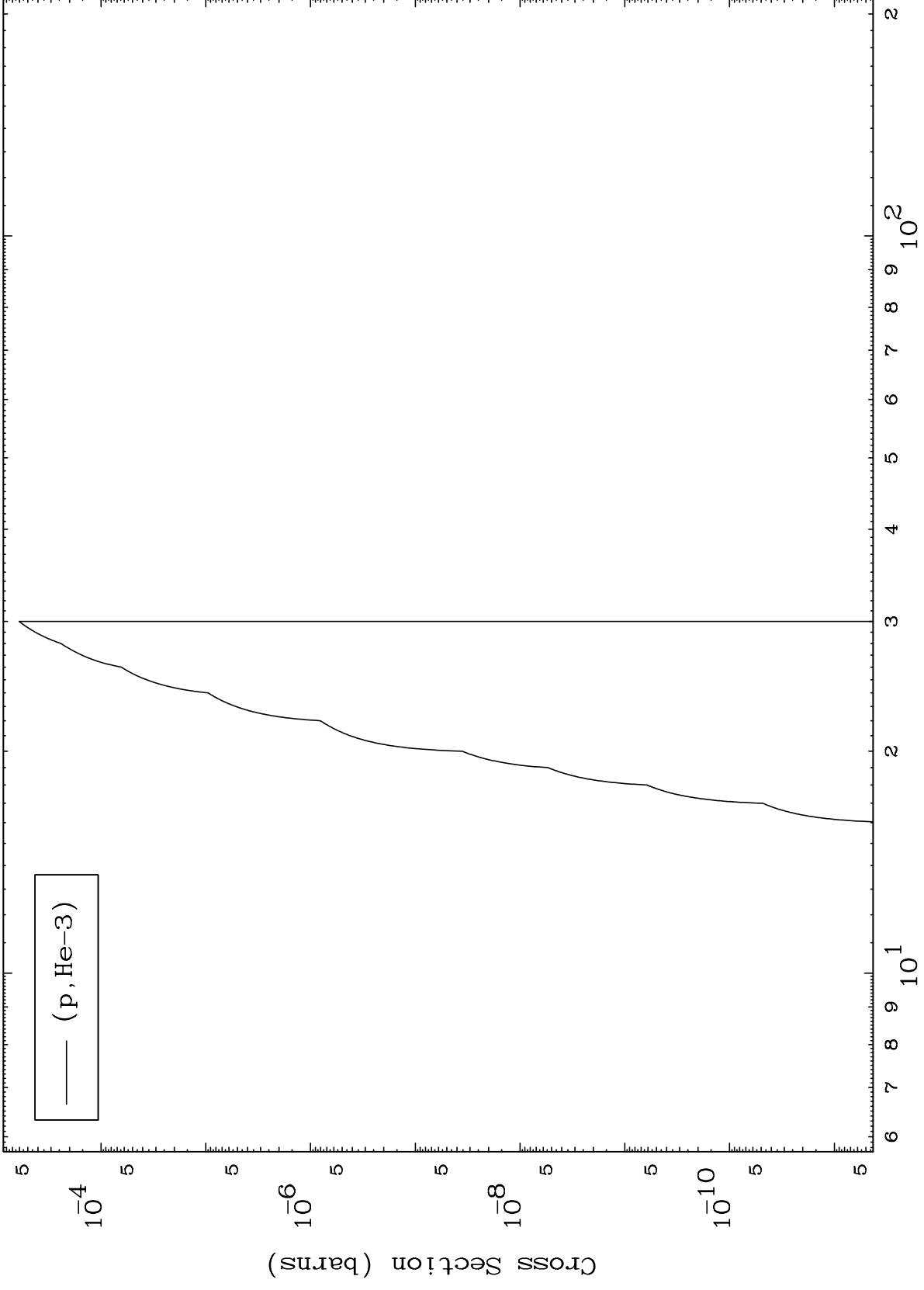
Incident Energy (MeV)

70-Yb-173

MAT 7040

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-173



10

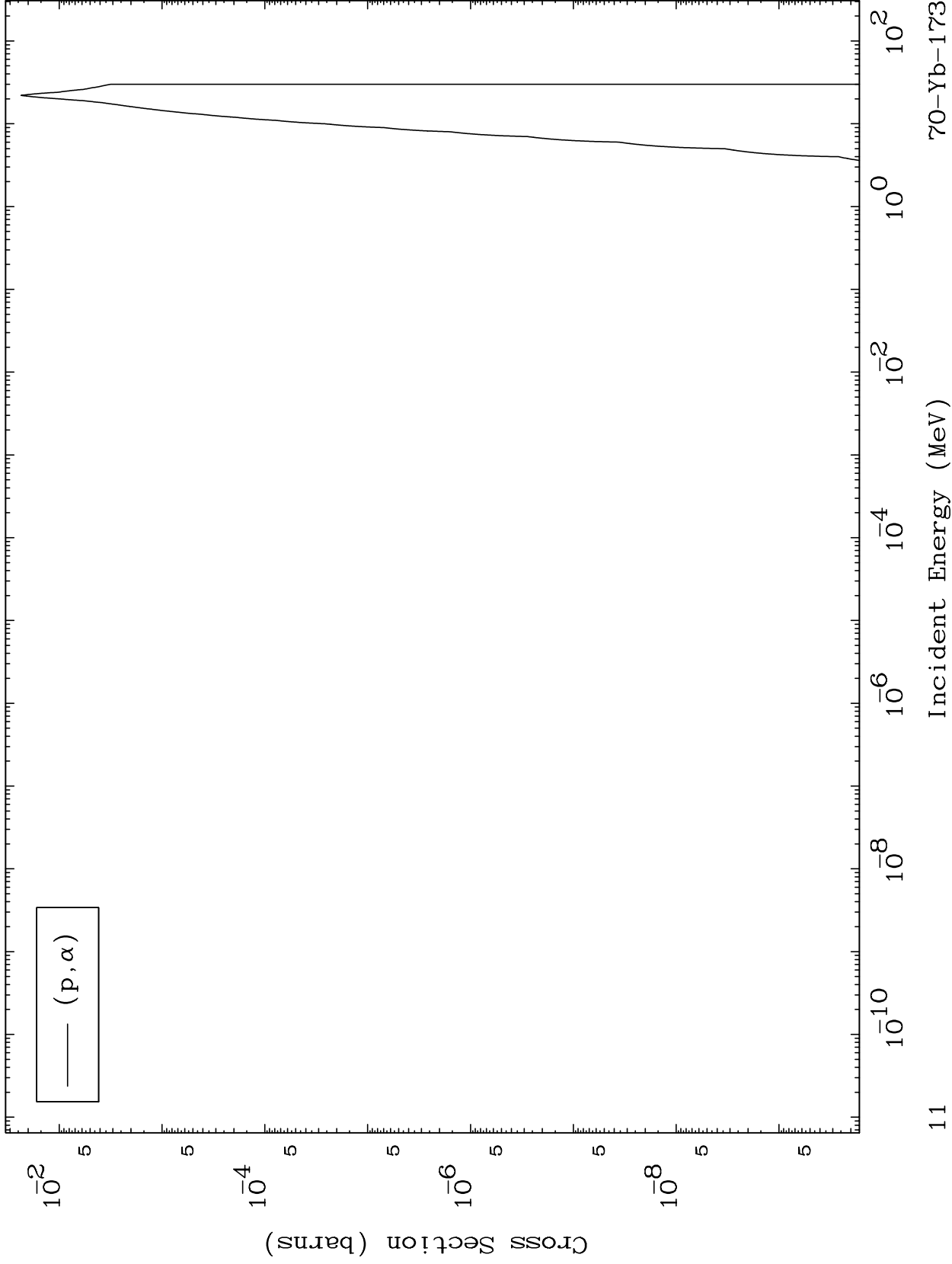
Incident Energy (MeV)

70-Yb-173

MAT 7040

(p, α) Levels
0 Kelvin Cross Sections

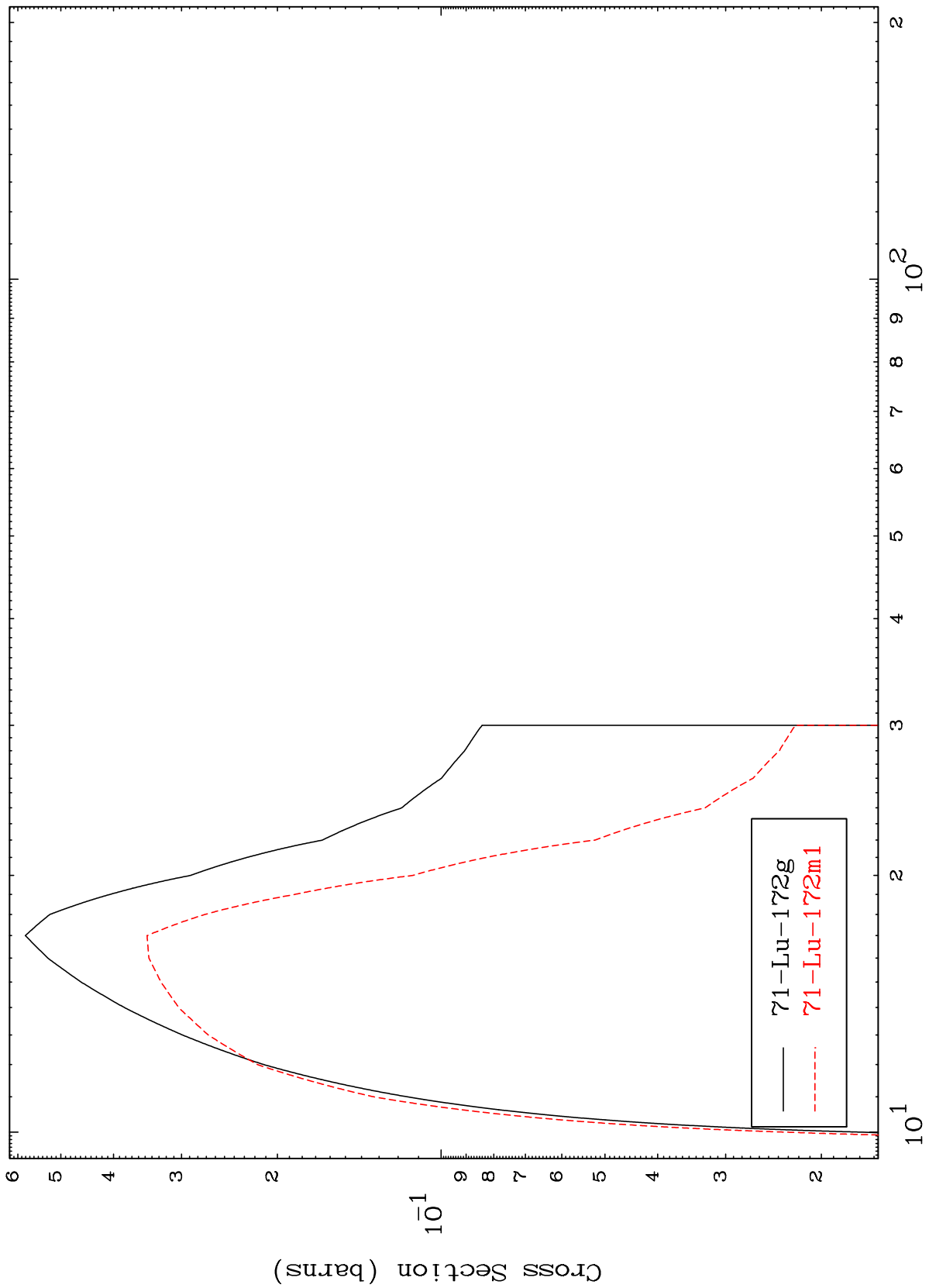
70-Yb-173



MAT 7040

70-Yb-173

(p,2n)
Radionuclide Production Cross Section



— 71-Lu-172g
- - - 71-Lu-172m1

70-Yb-173

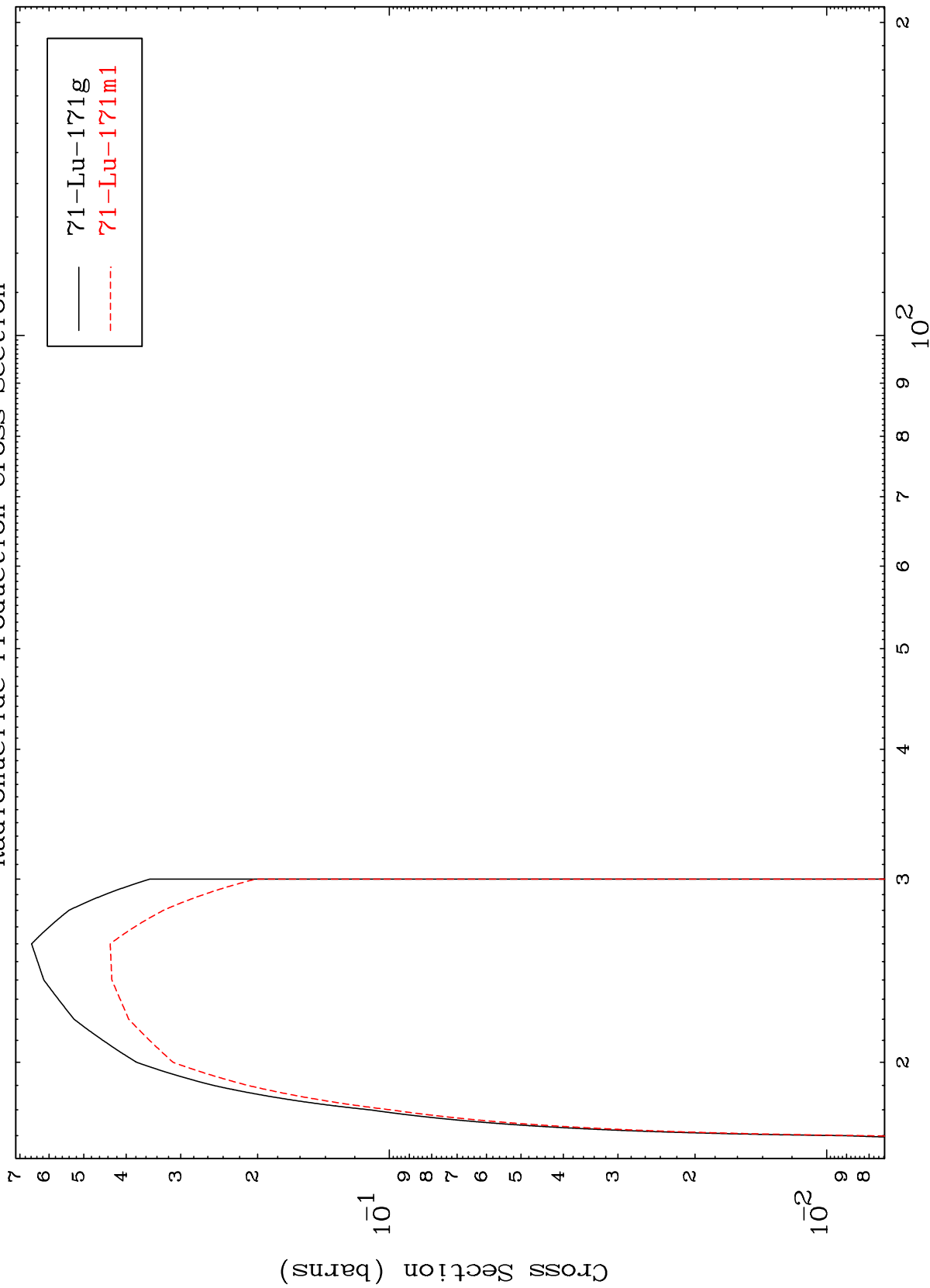
Incident Energy (MeV)

12

MAT 7040

70-Yb-173

(p,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

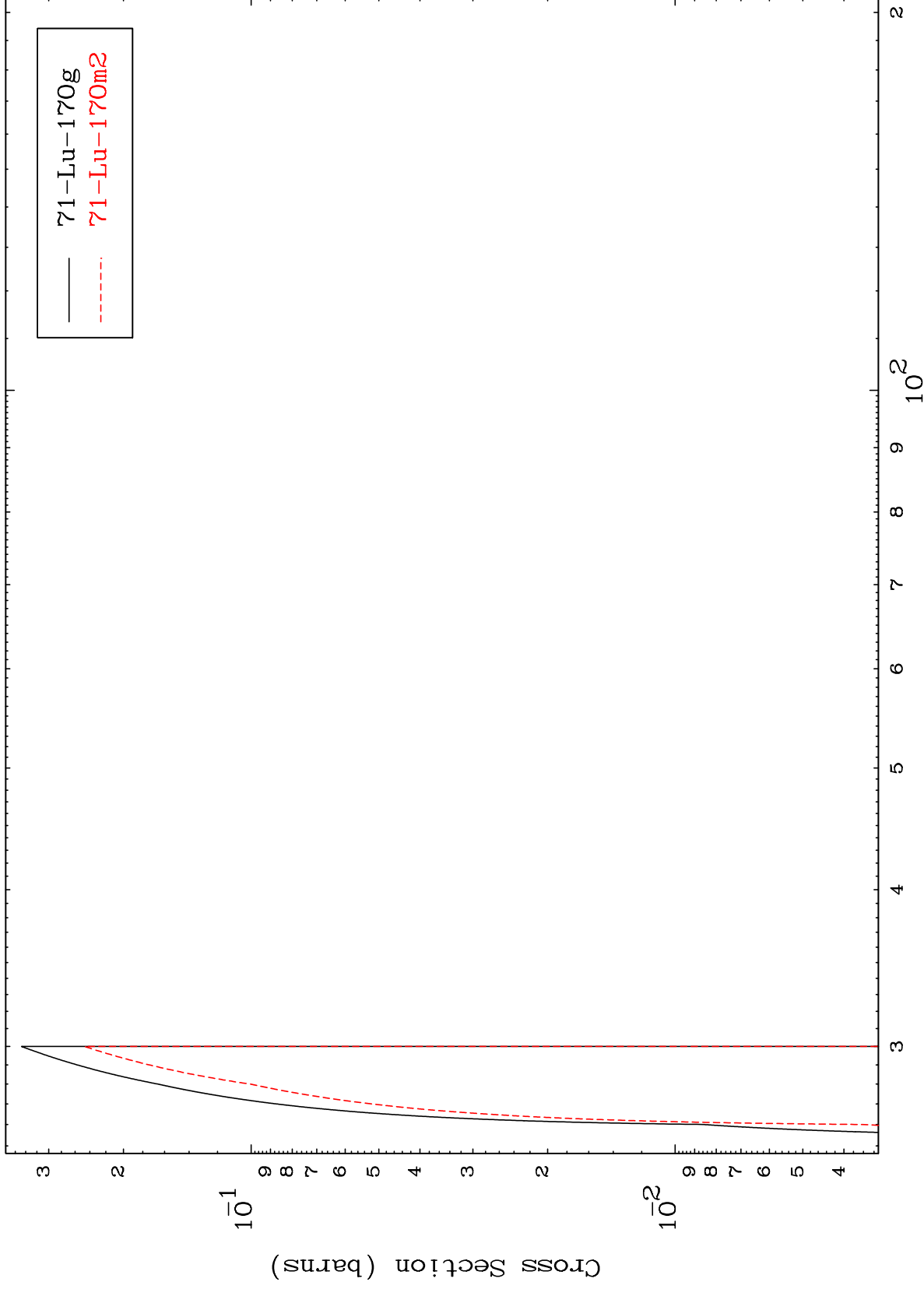
70-Yb-173

MAT 7040

(p,4n)

70-Yb-173

Radionuclide Production Cross Section



14

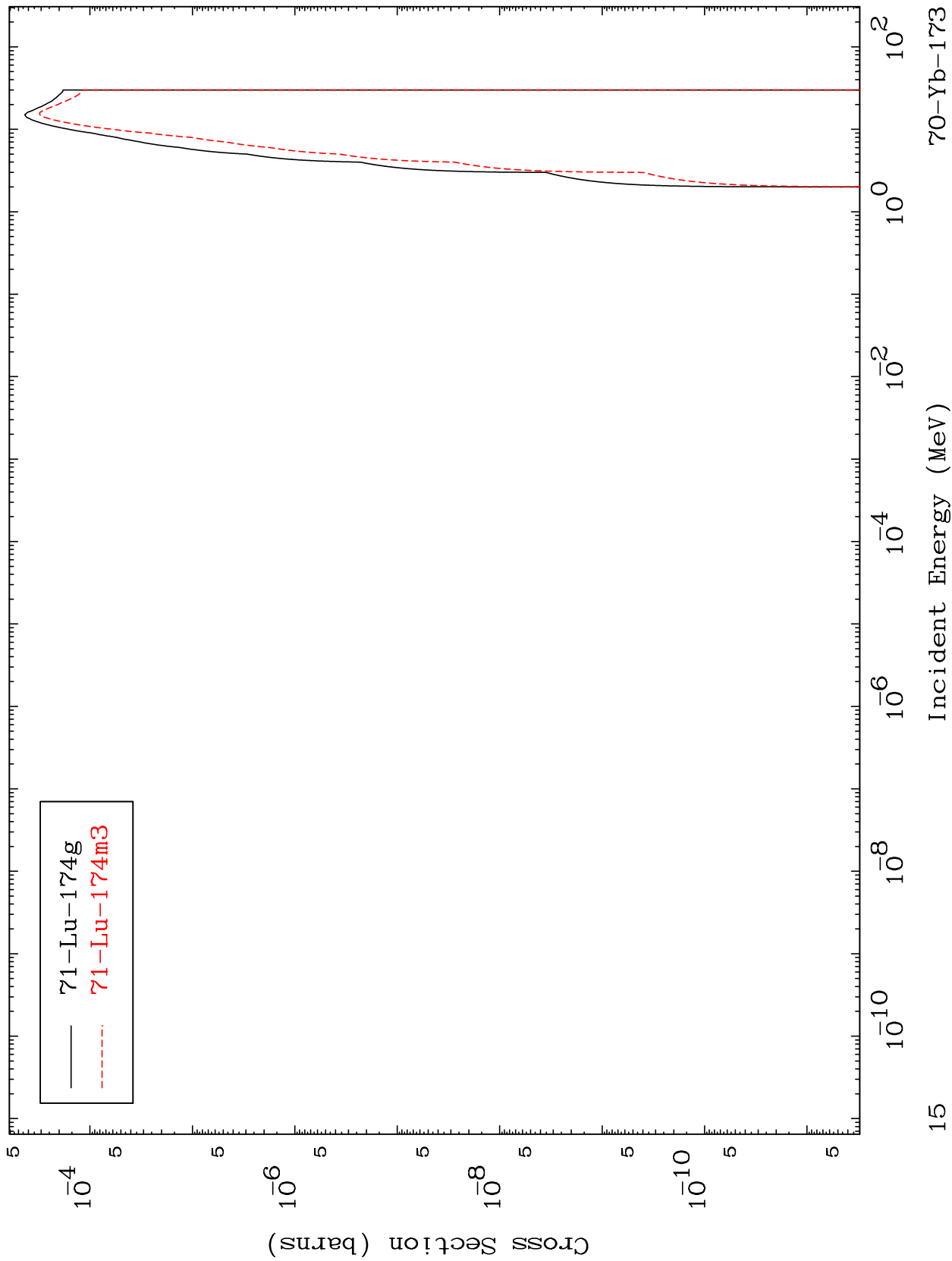
Incident Energy (MeV)

70-Yb-173

MAT 7040

(p, γ)
Radionuclide Production Cross Section

70-Yb-173



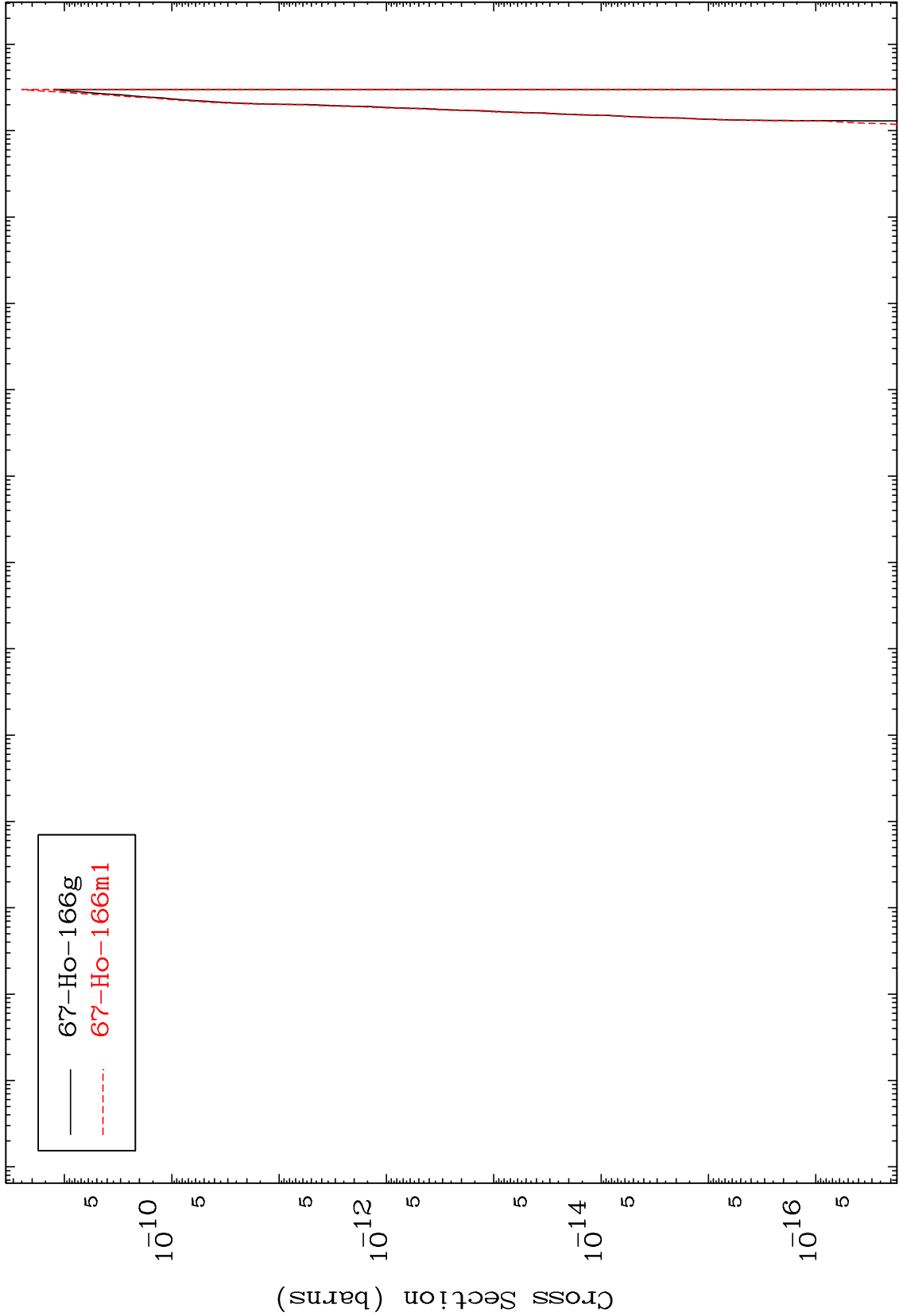
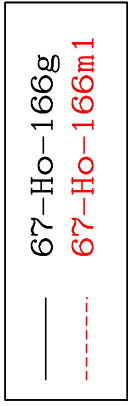
— 71-Lu-174g
- - - 71-Lu-174m3

MAT 7040

(p,2 α)

70-Yb-173

Radionuclide Production Cross Section



70-Yb-173

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁻¹⁶

Incident Energy (MeV)

70-Yb-173

16