

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

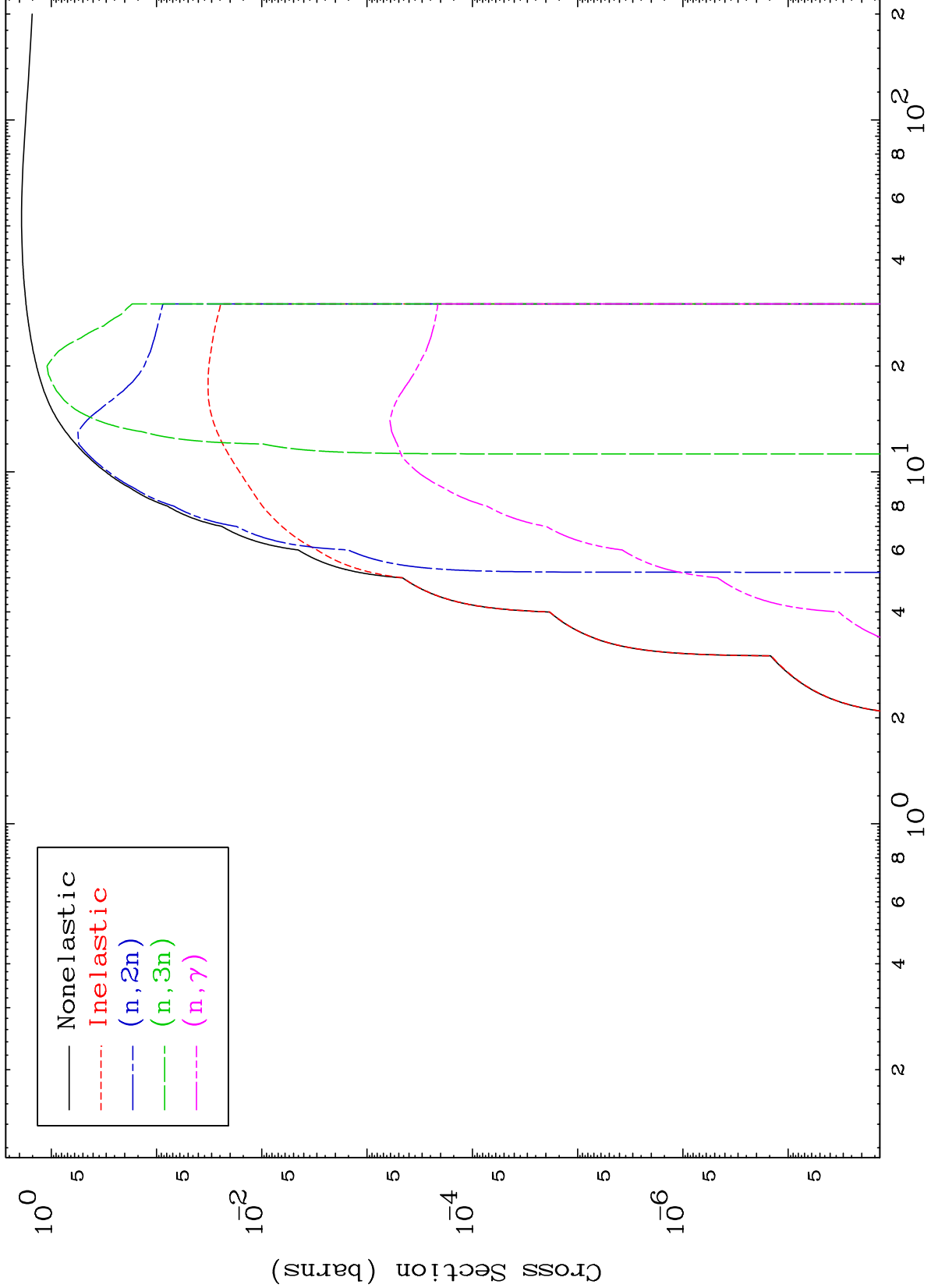
Press Mouse Button to Start

MAT 7058

Proton Major

70-Yb-179

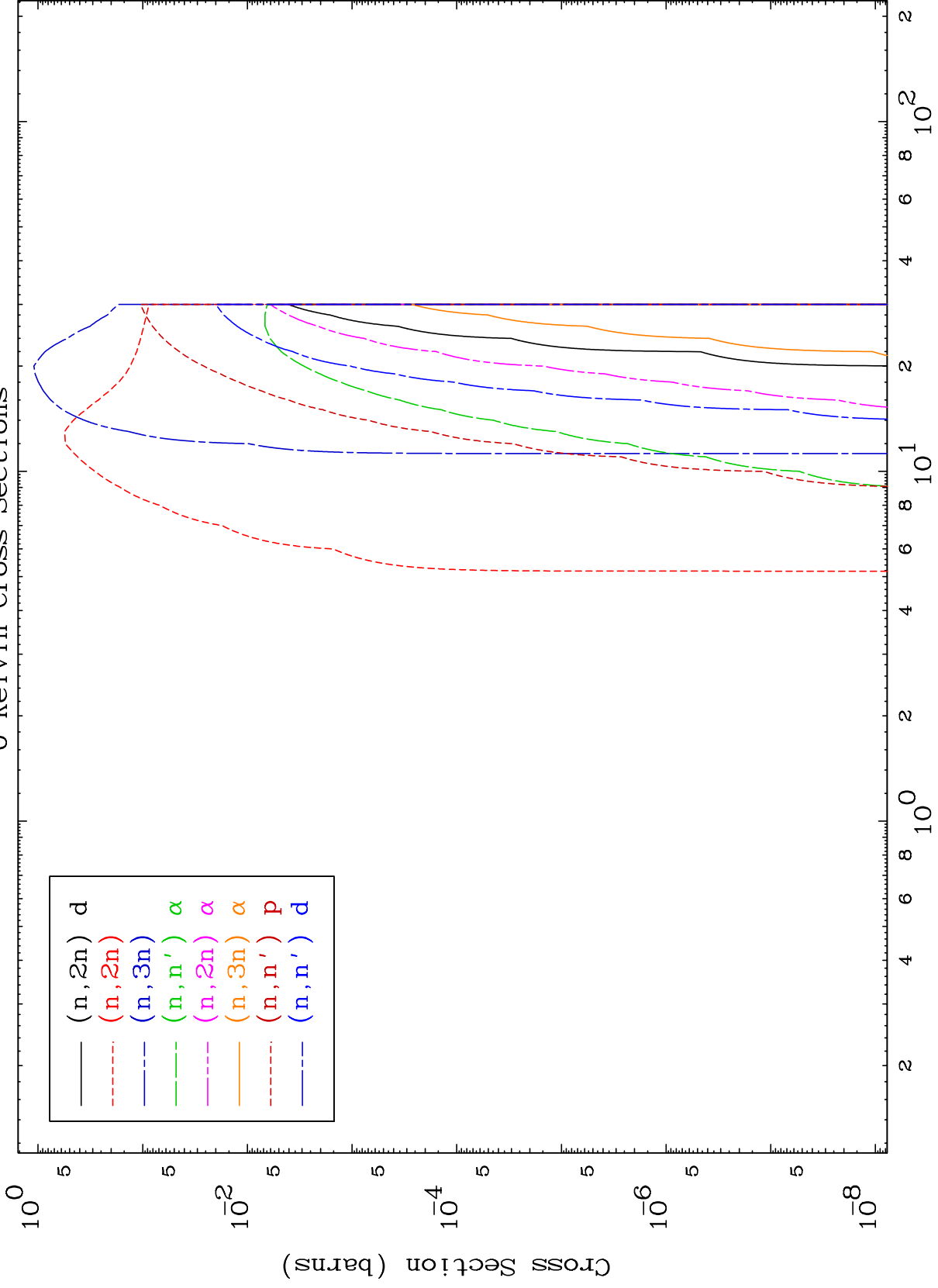
0 Kelvin Cross Sections



MAT 7058

Proton Neutron Absorption
0 Kelvin Cross Sections

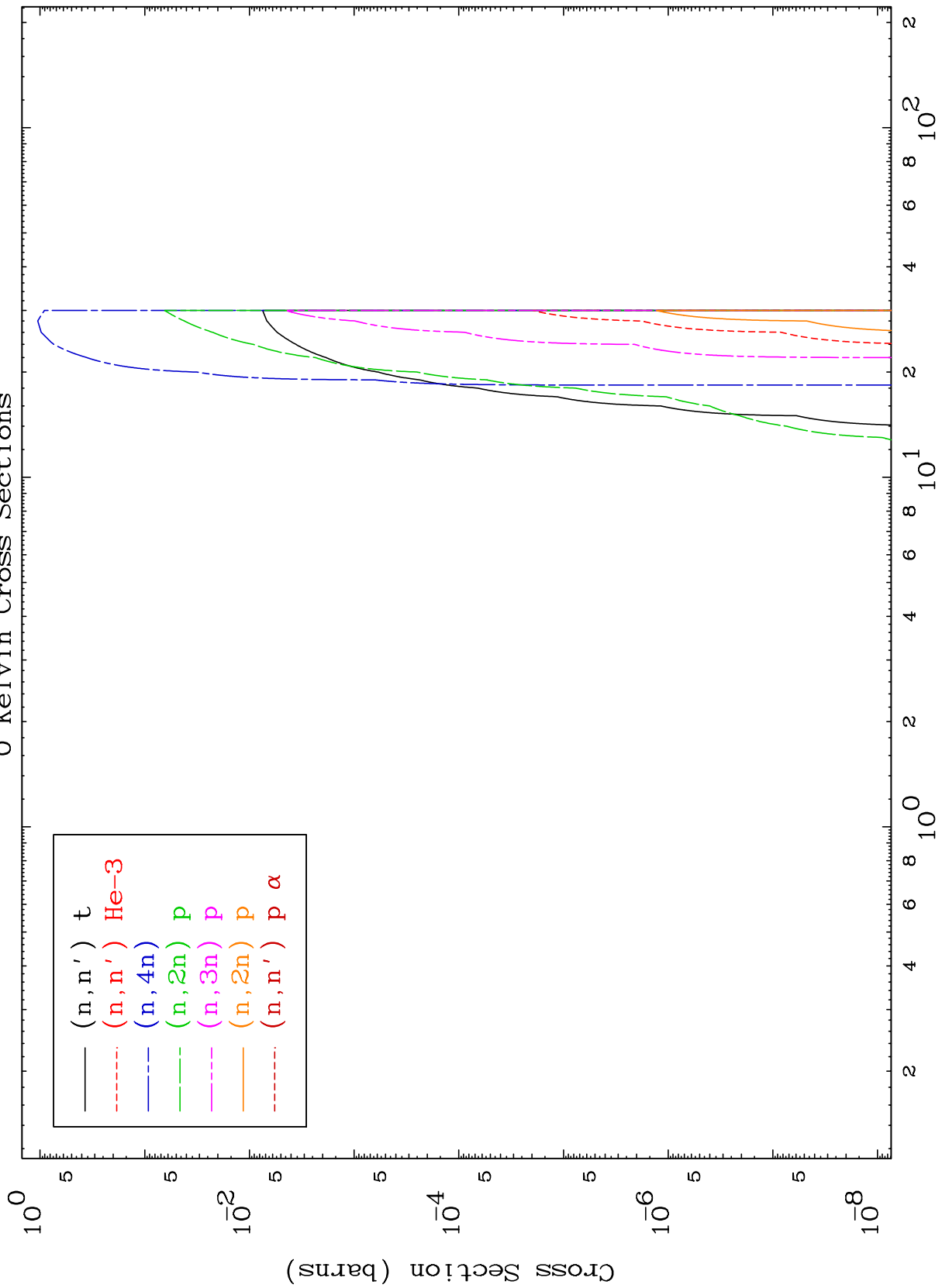
70-Yb-179



MAT 7058

Proton Neutron Absorption
0 Kelvin Cross Sections

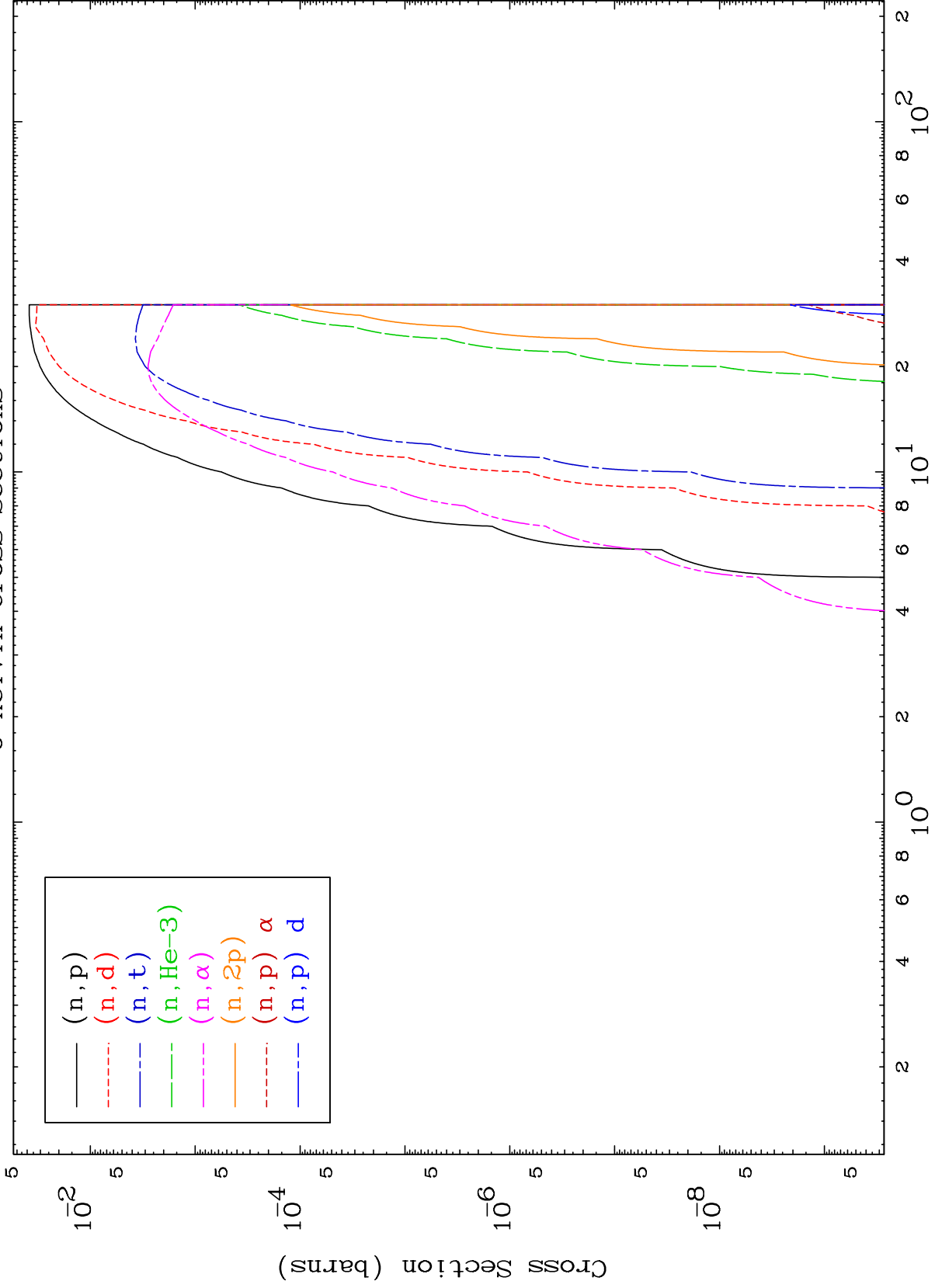
70-Yb-179



MAT 7058

Proton Neutron Absorption
0 Kelvin Cross Sections

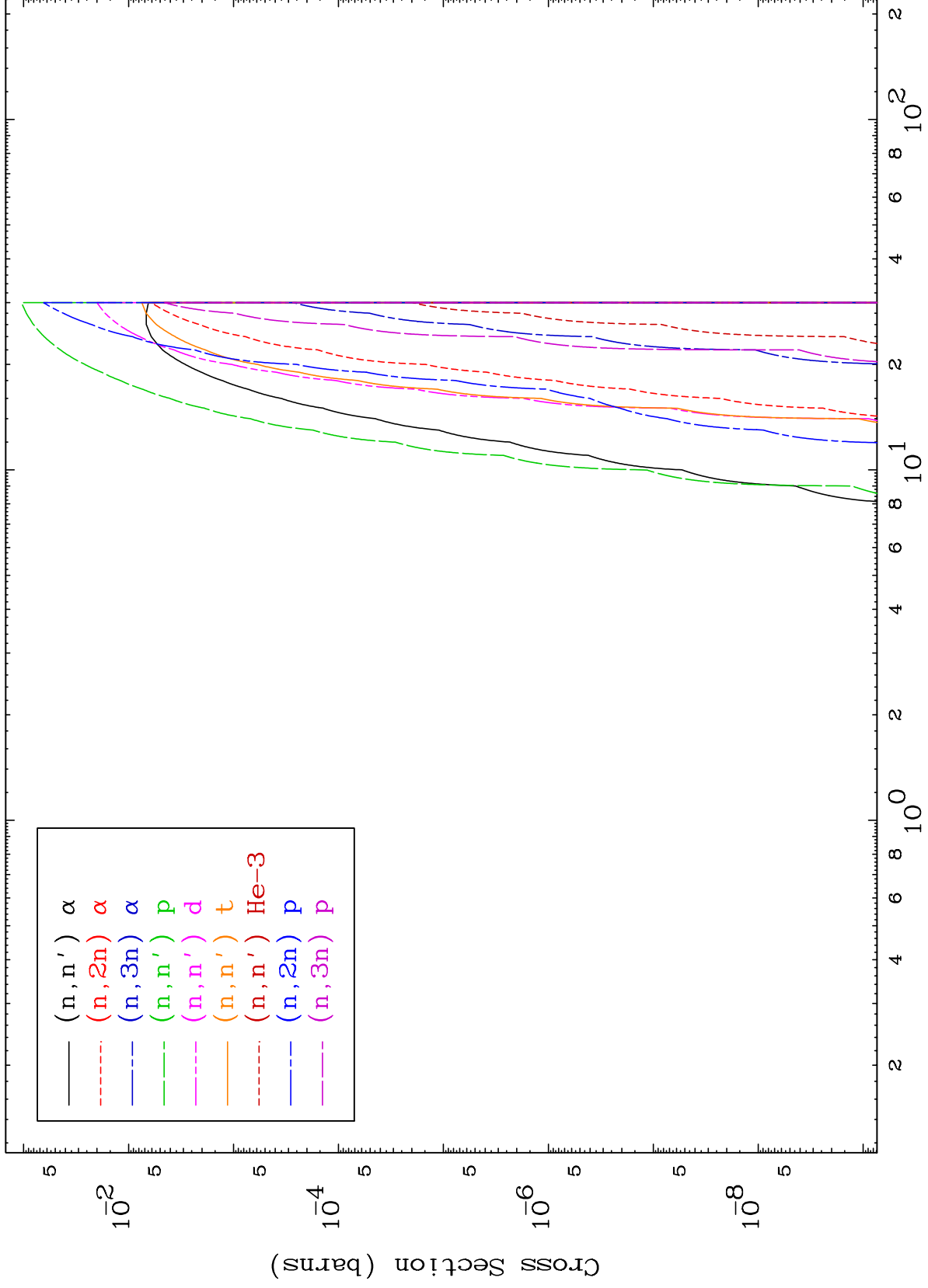
70-Yb-179



MAT 7058

Proton Charged Particle
0 Kelvin Cross Sections

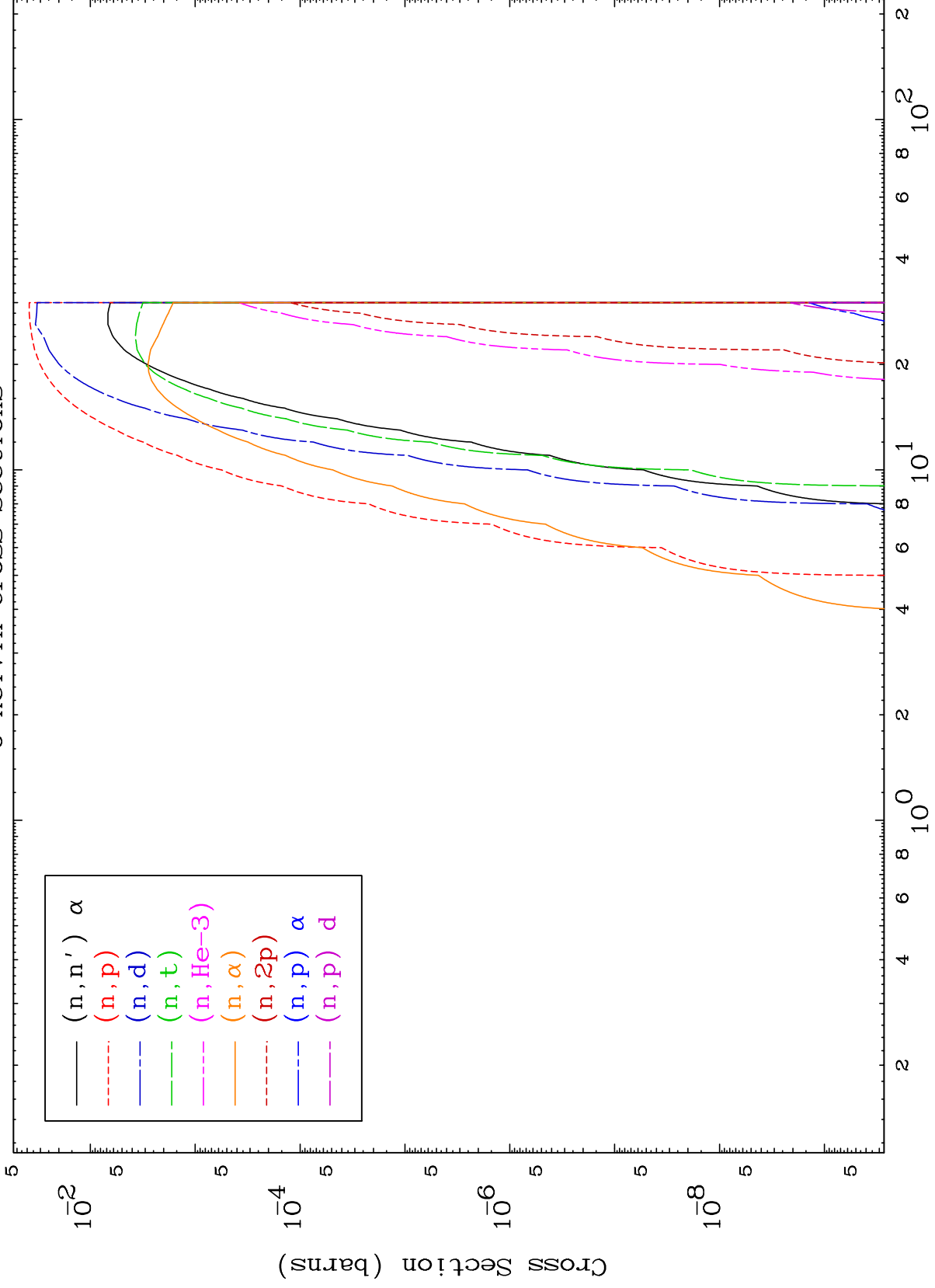
70-Yb-179



MAT 7058

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-179

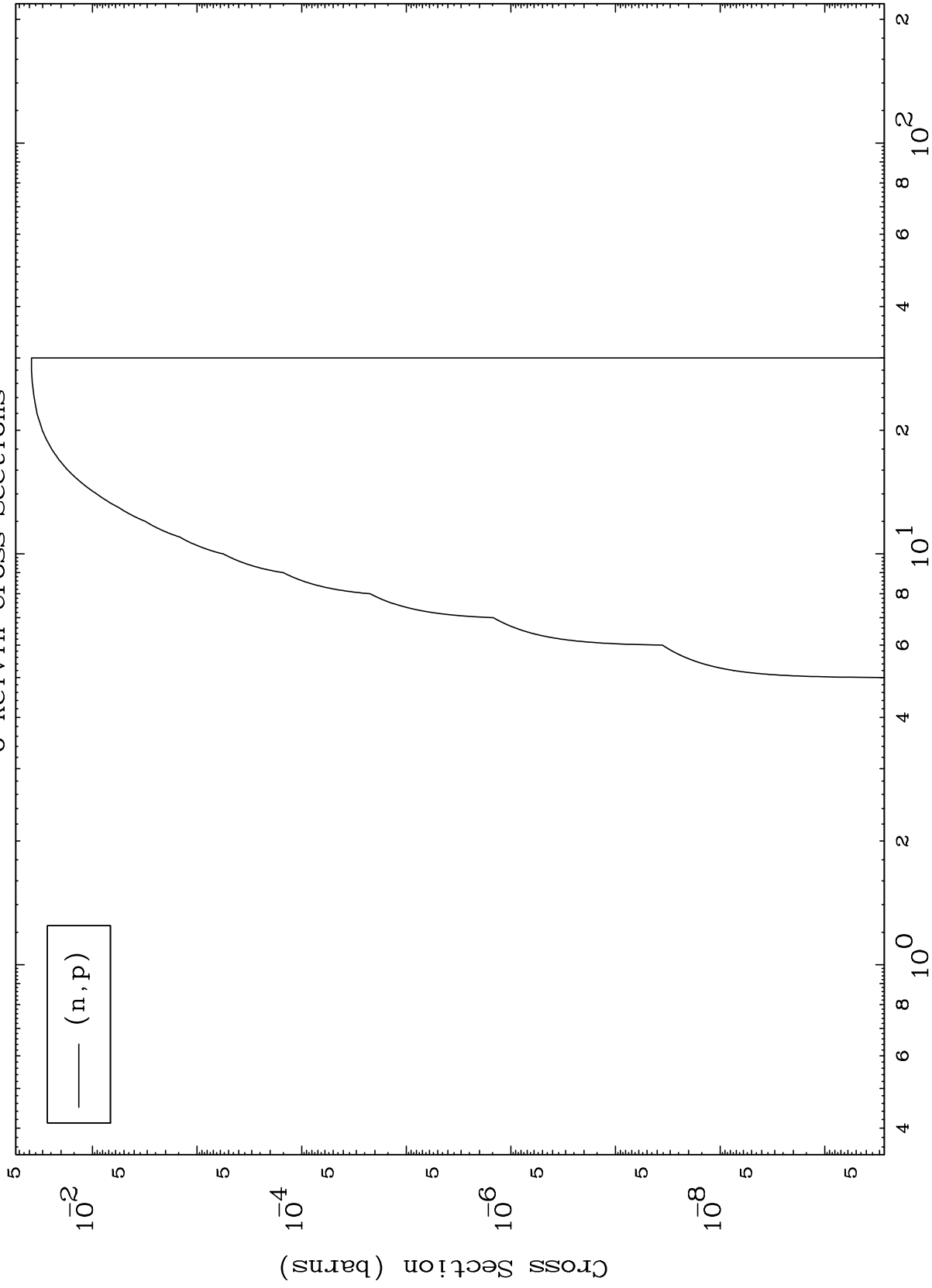


MAT 7058

(p,p) Levels

70-Yb-179

0 Kelvin Cross Sections



Incident Energy (MeV)

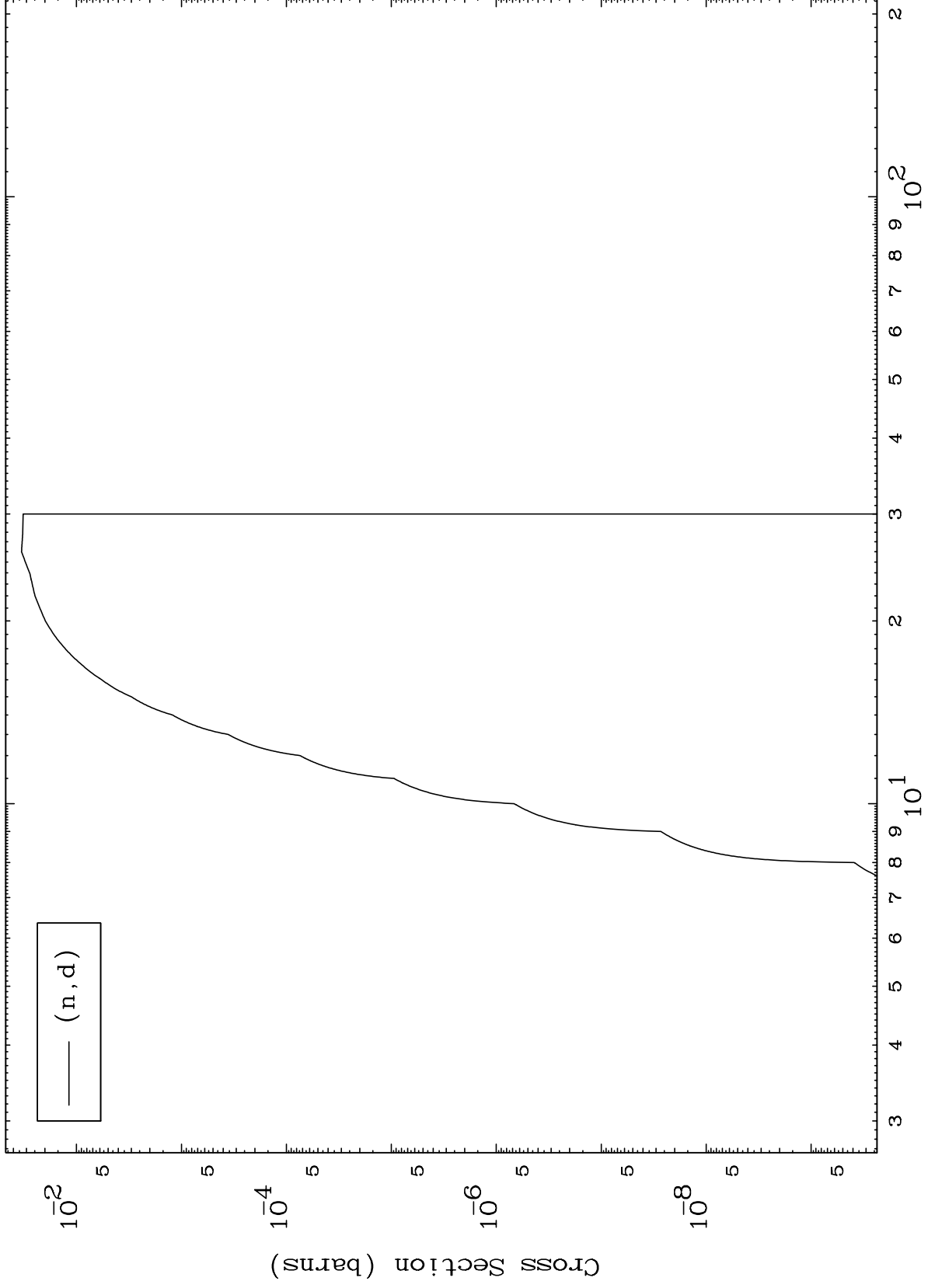
70-Yb-179

7

MAT 7058

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-179



8

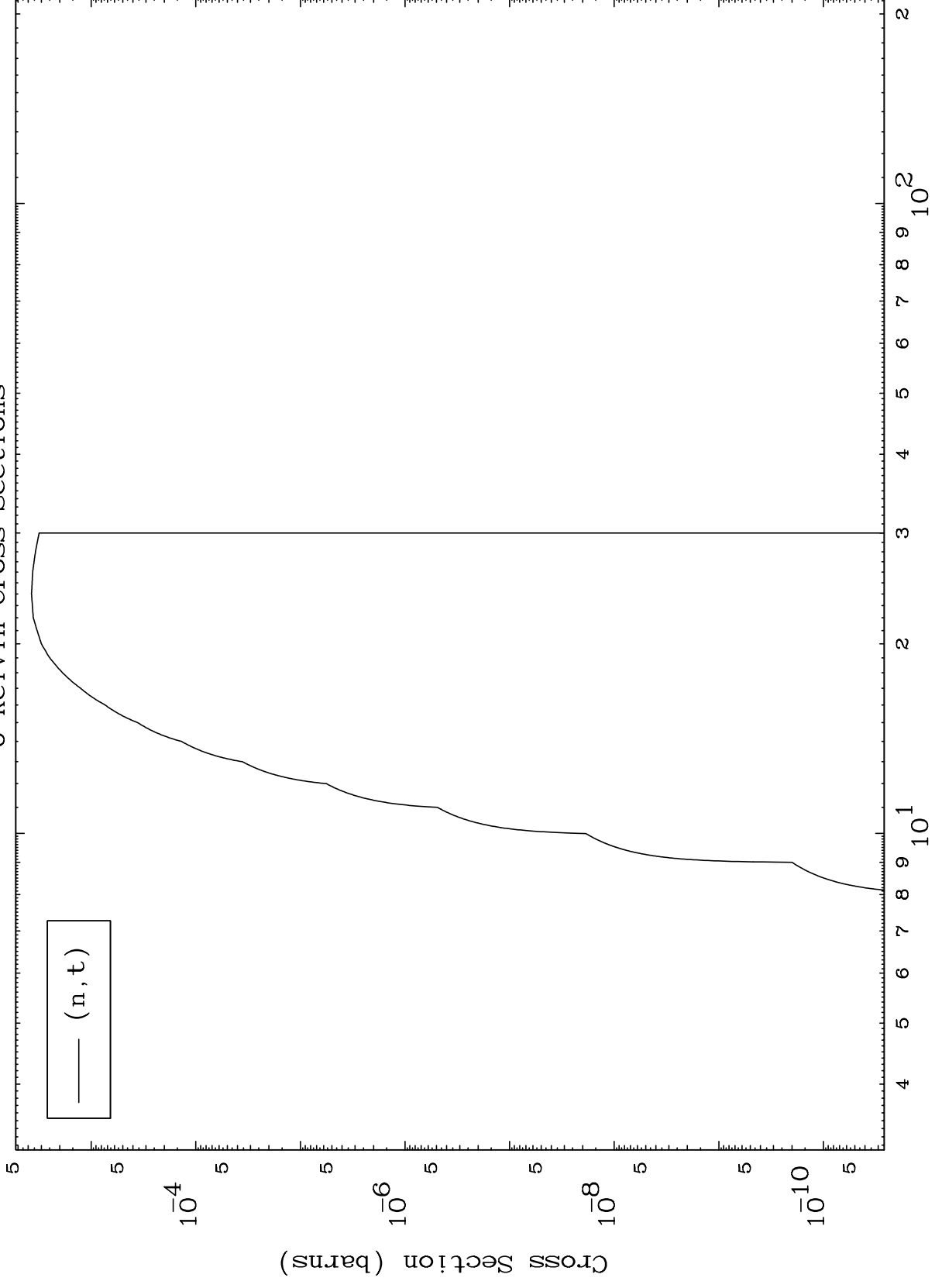
Incident Energy (MeV)

70-Yb-179

MAT 7058

(p, t) Levels
0 Kelvin Cross Sections

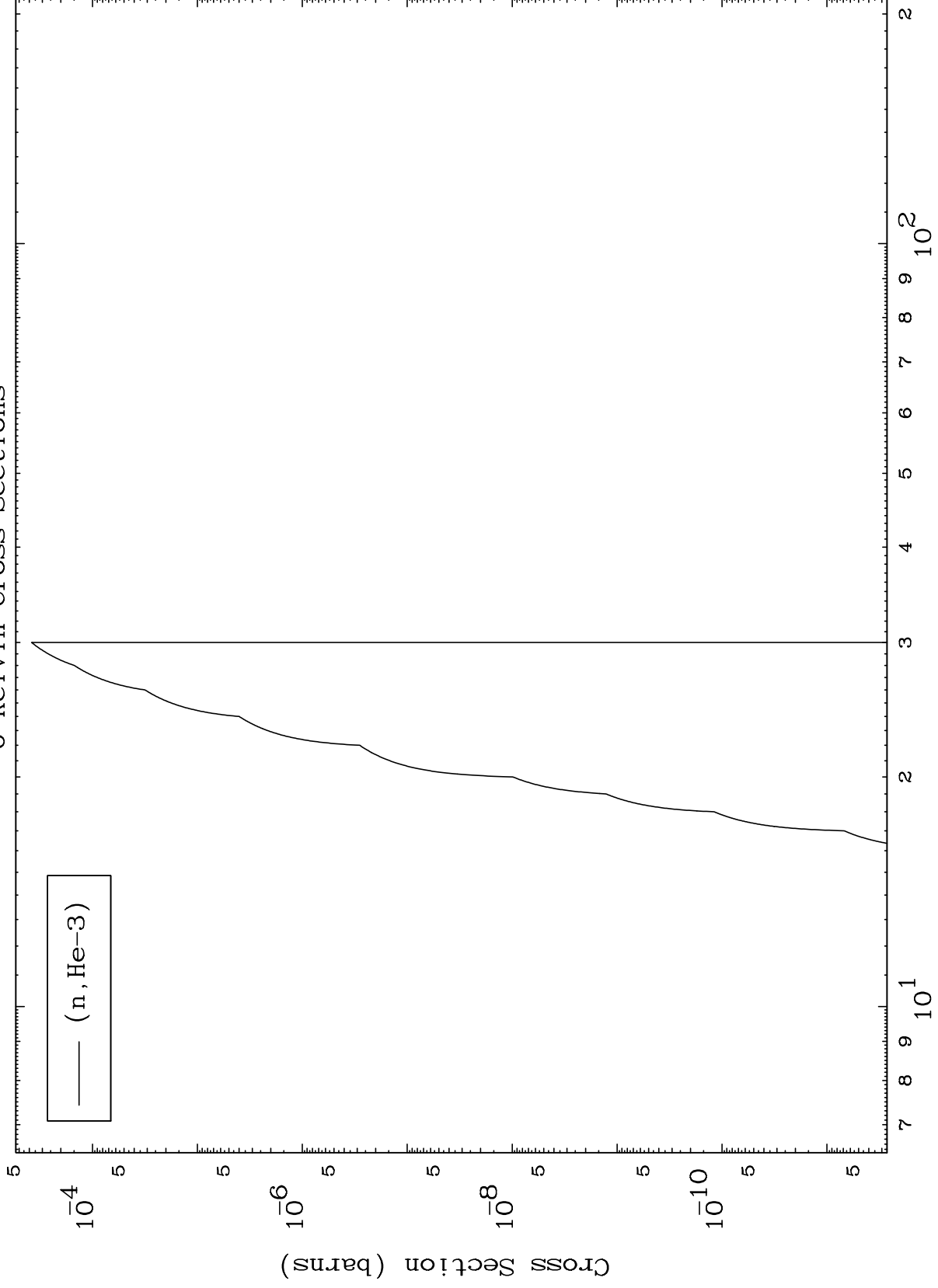
70-Yb-179



MAT 7058

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-179



10

Incident Energy (MeV)

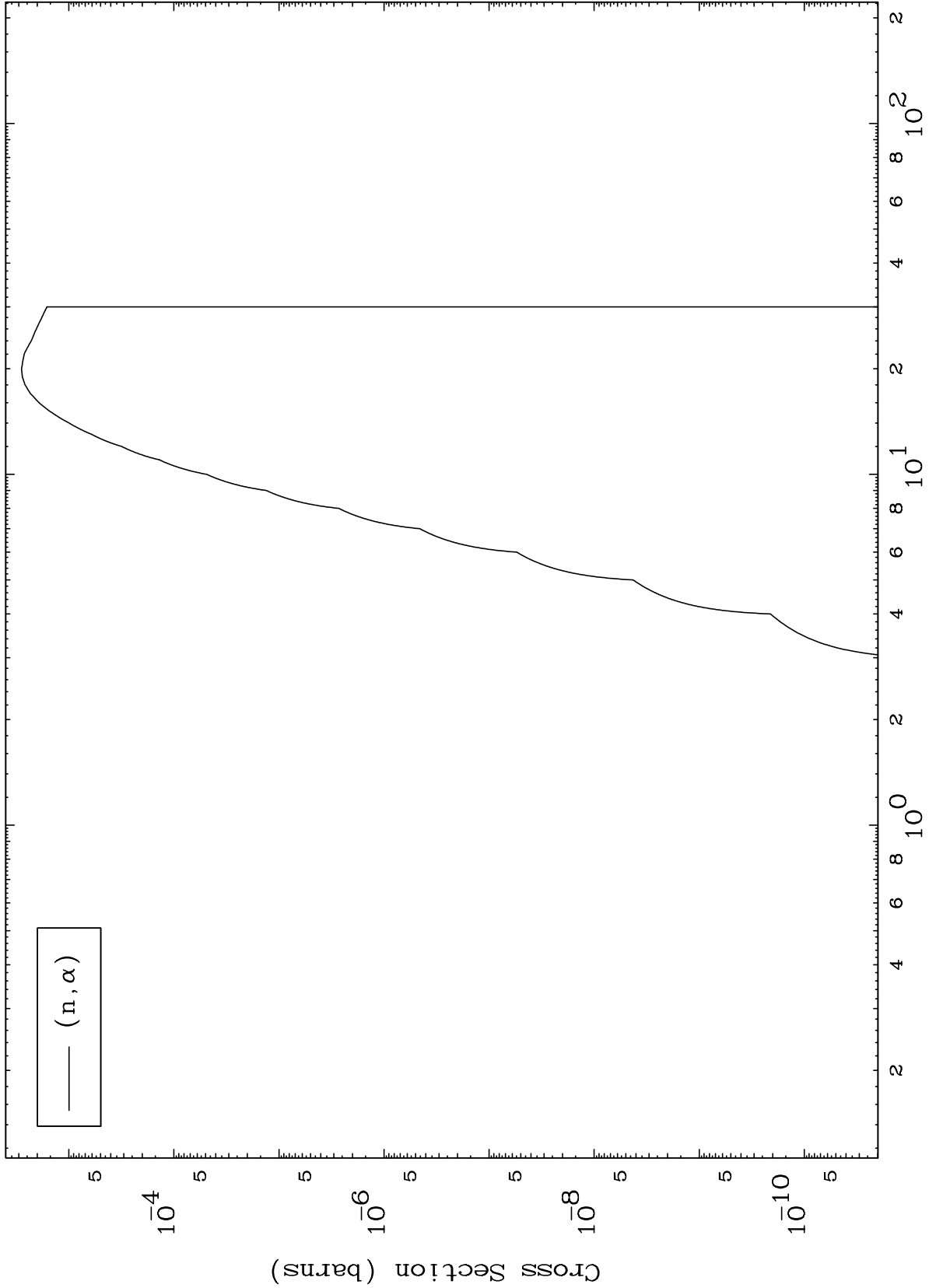
70-Yb-179

MAT 7058

(p, α) Levels

70-Yb-179

0 Kelvin Cross Sections

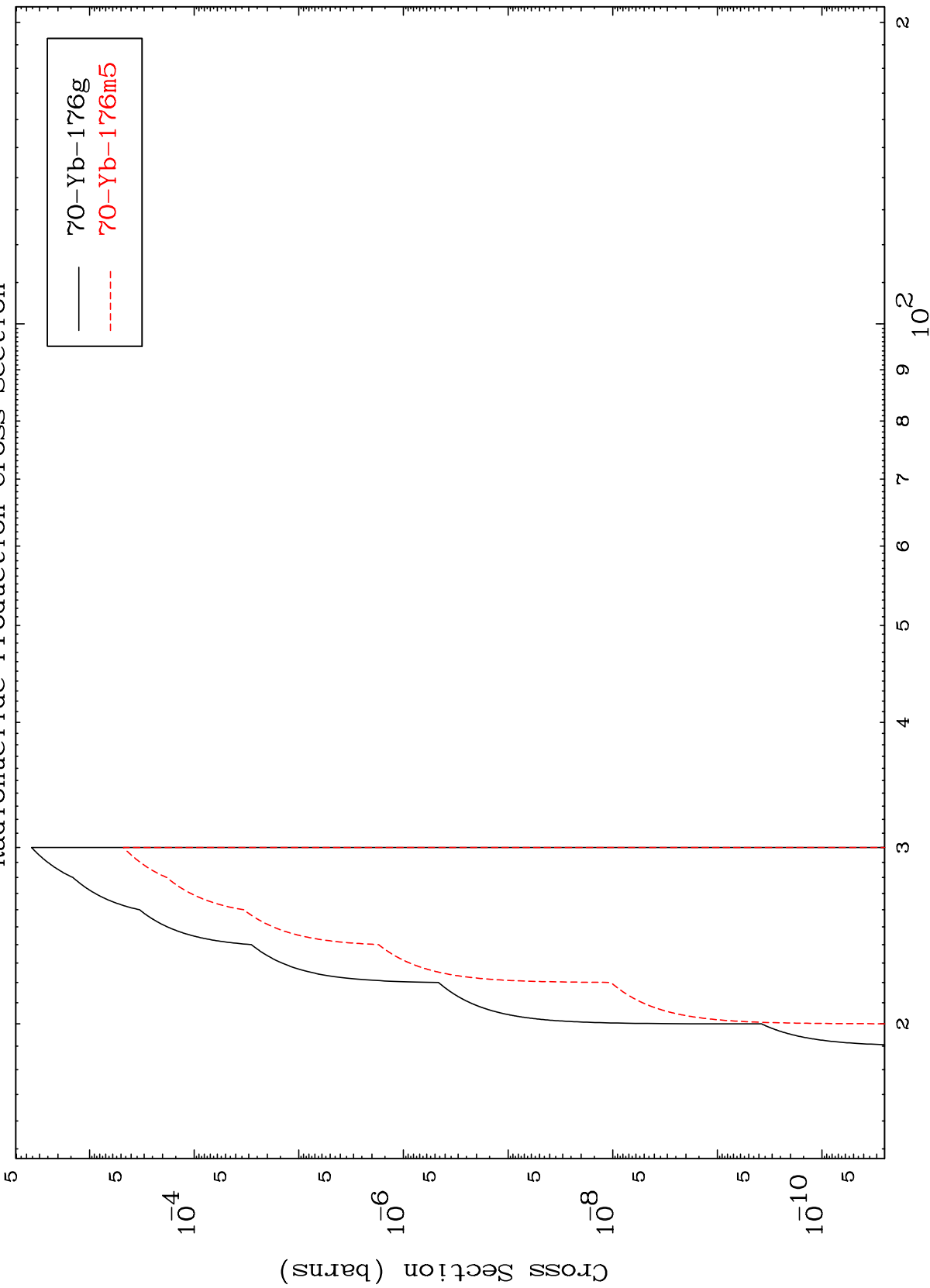


MAT 7058

(n,2n) d

⁷⁰Yb-179

Radionuclide Production Cross Section



12

Incident Energy (MeV)

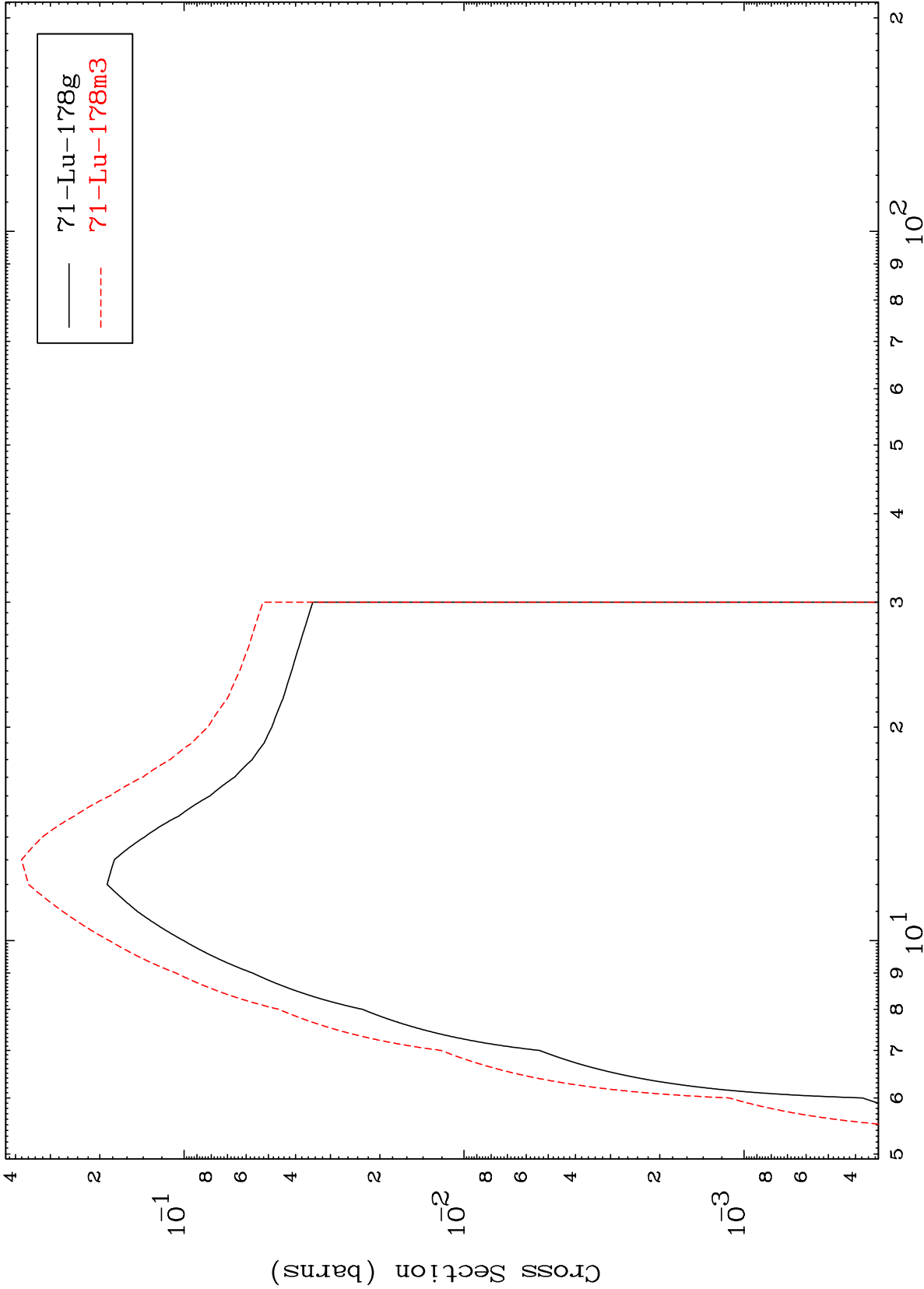
⁷⁰Yb-179

MAT 7058

(n,2n)

70-Yb-179

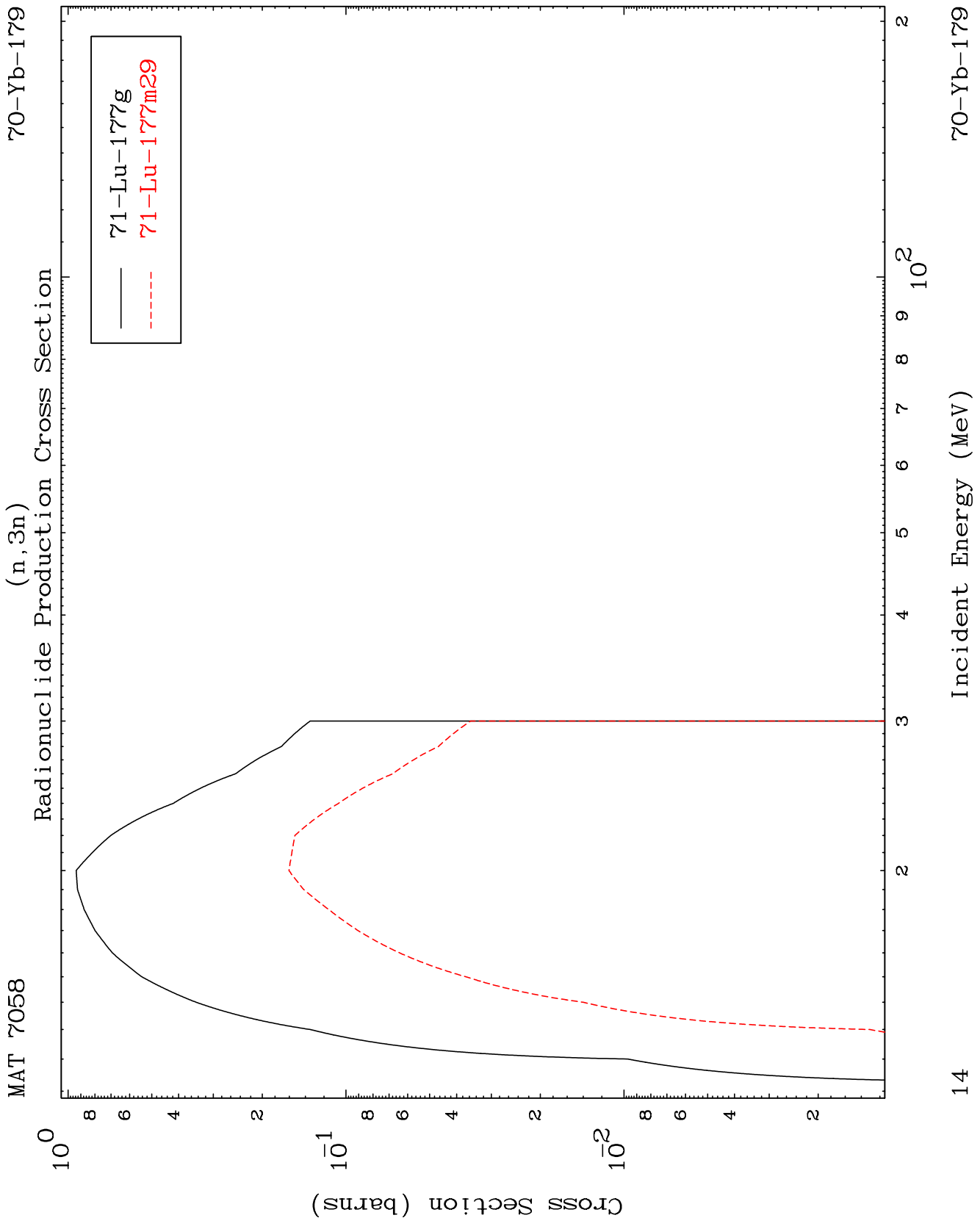
Radionuclide Production Cross Section



13

Incident Energy (MeV)

70-Yb-179

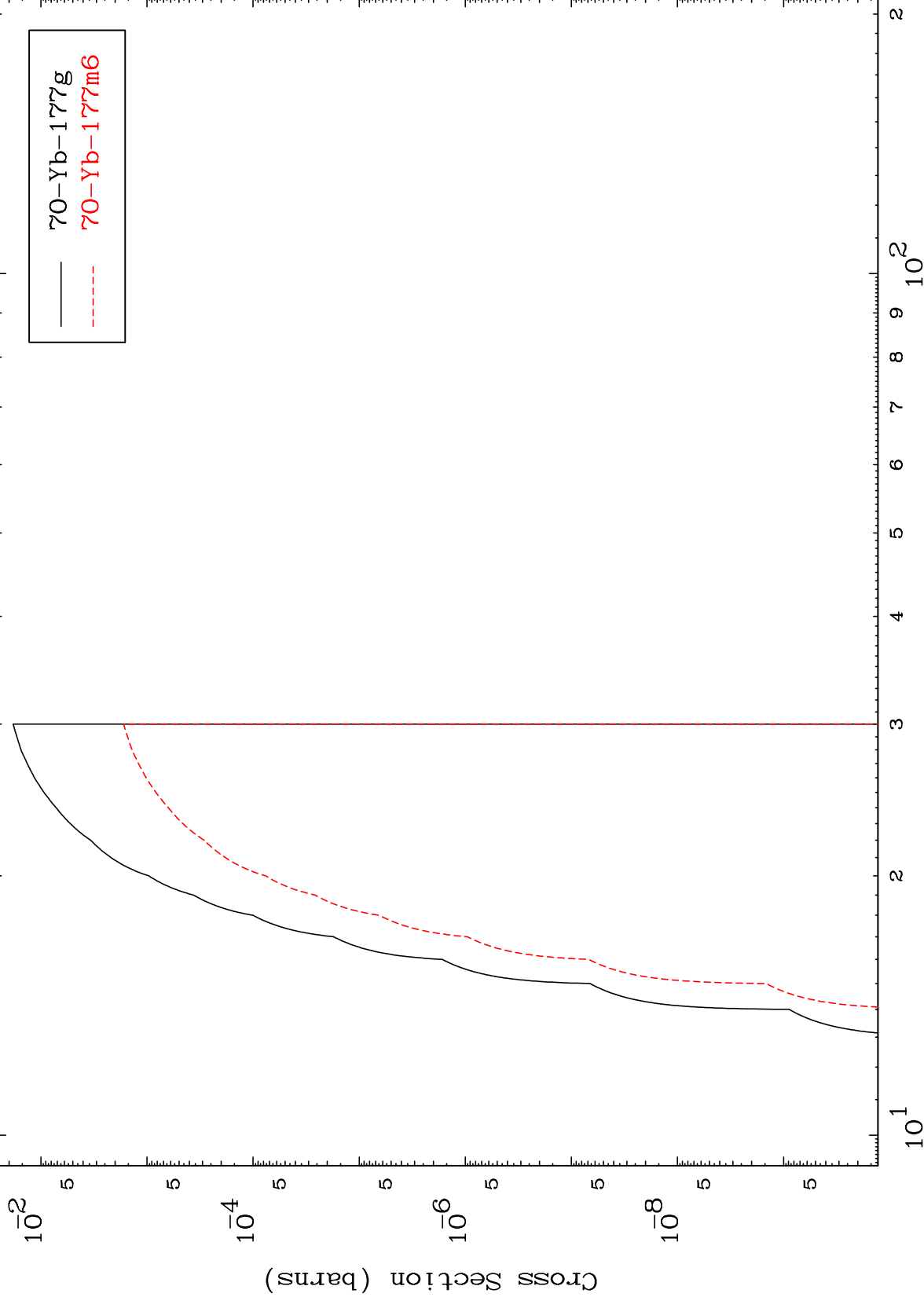


MAT 7058

(n,n') d

70-Yb-179

Radionuclide Production Cross Section



Incident Energy (MeV)

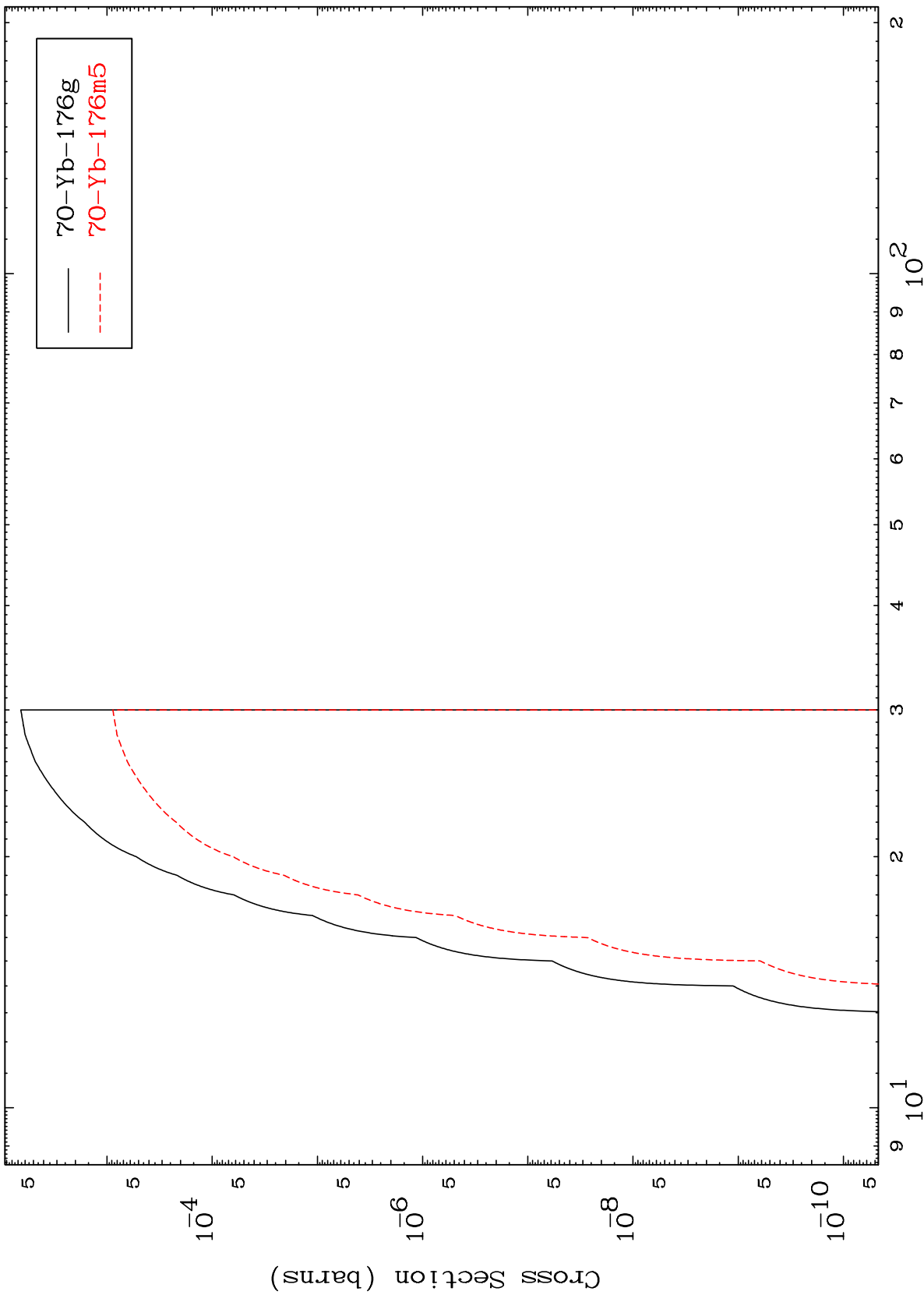
70-Yb-179

MAT 7058

(n,n') t

70-Yb-179

Radionuclide Production Cross Section



16

Incident Energy (MeV)

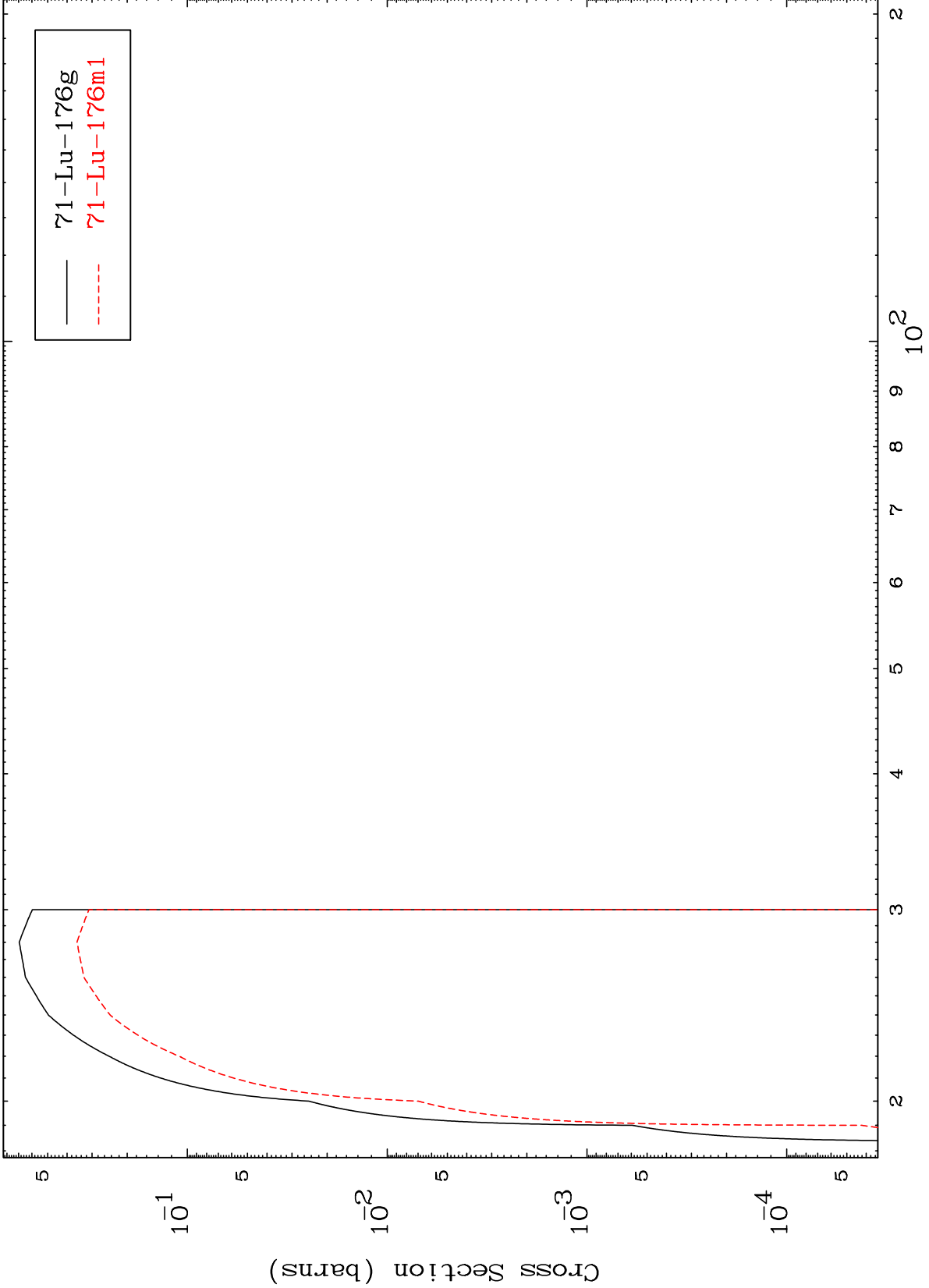
70-Yb-179

MAT 7058

(n,4n)

70-Yb-179

Radionuclide Production Cross Section



71-Lu-176g
71-Lu-176m1

17

Incident Energy (MeV)

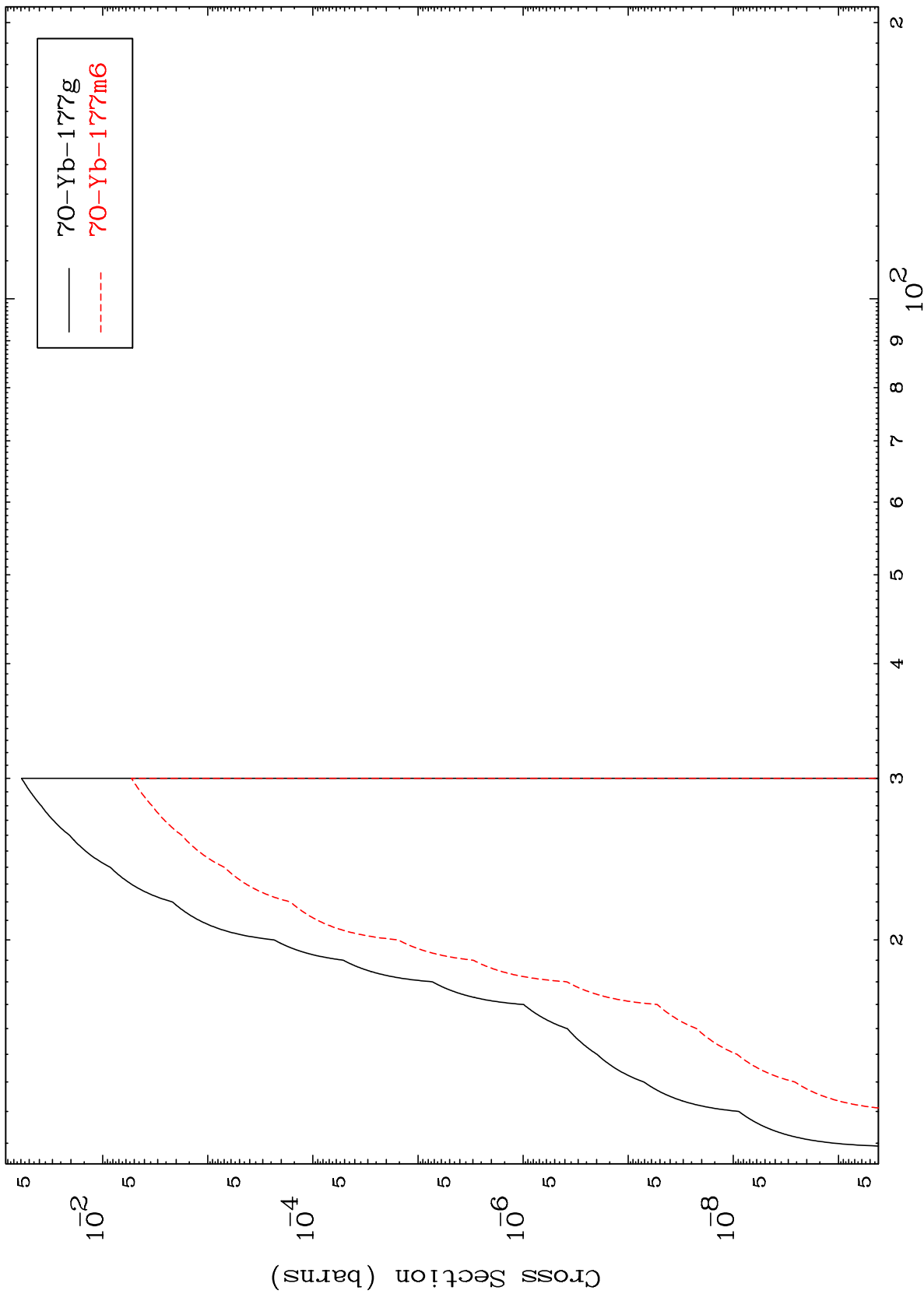
70-Yb-179

MAT 7058

(n,2n) p

70-Yb-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

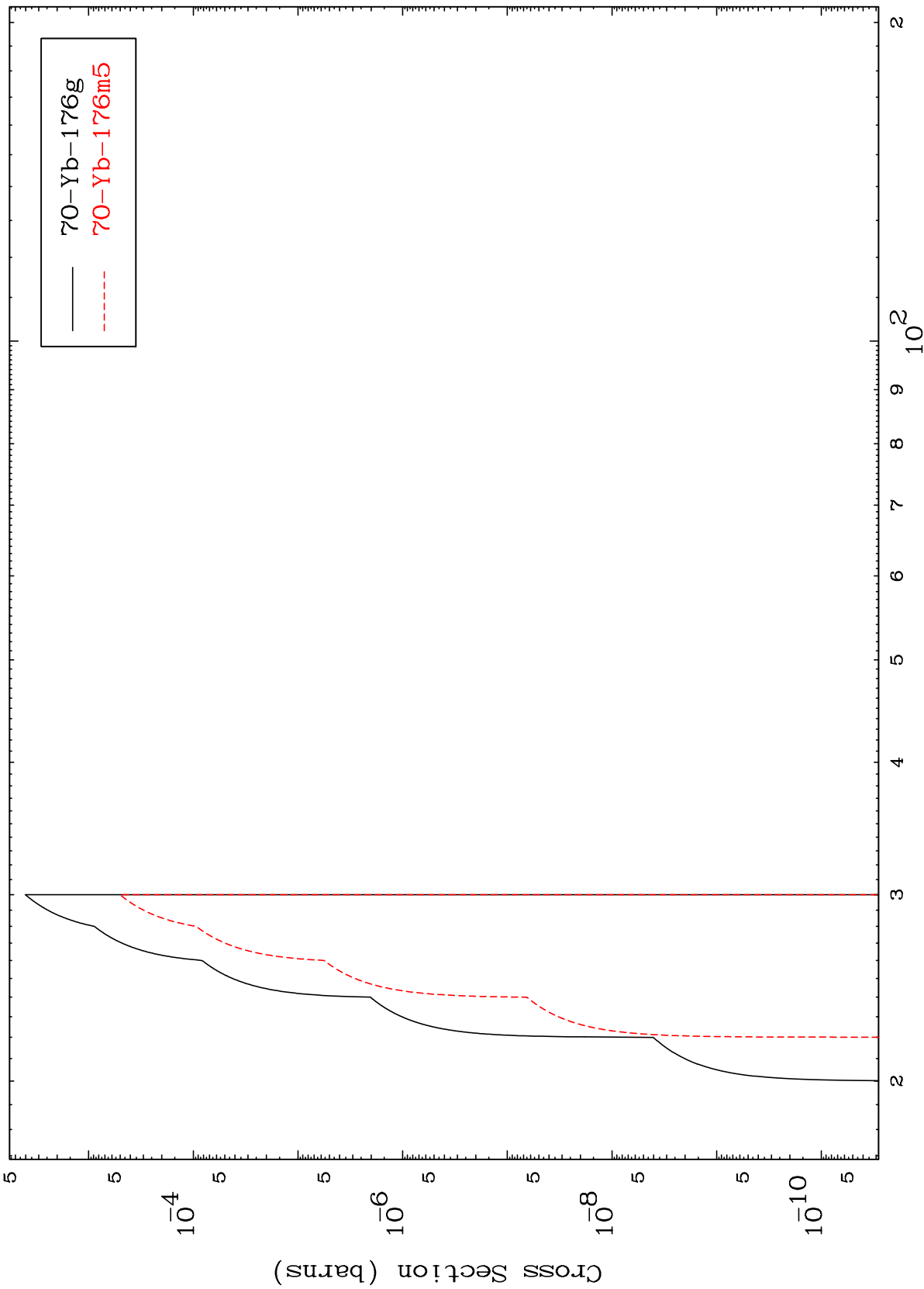
70-Yb-179

MAT 7058

(n,3n) p

70-Yb-179

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

19

Incident Energy (MeV)

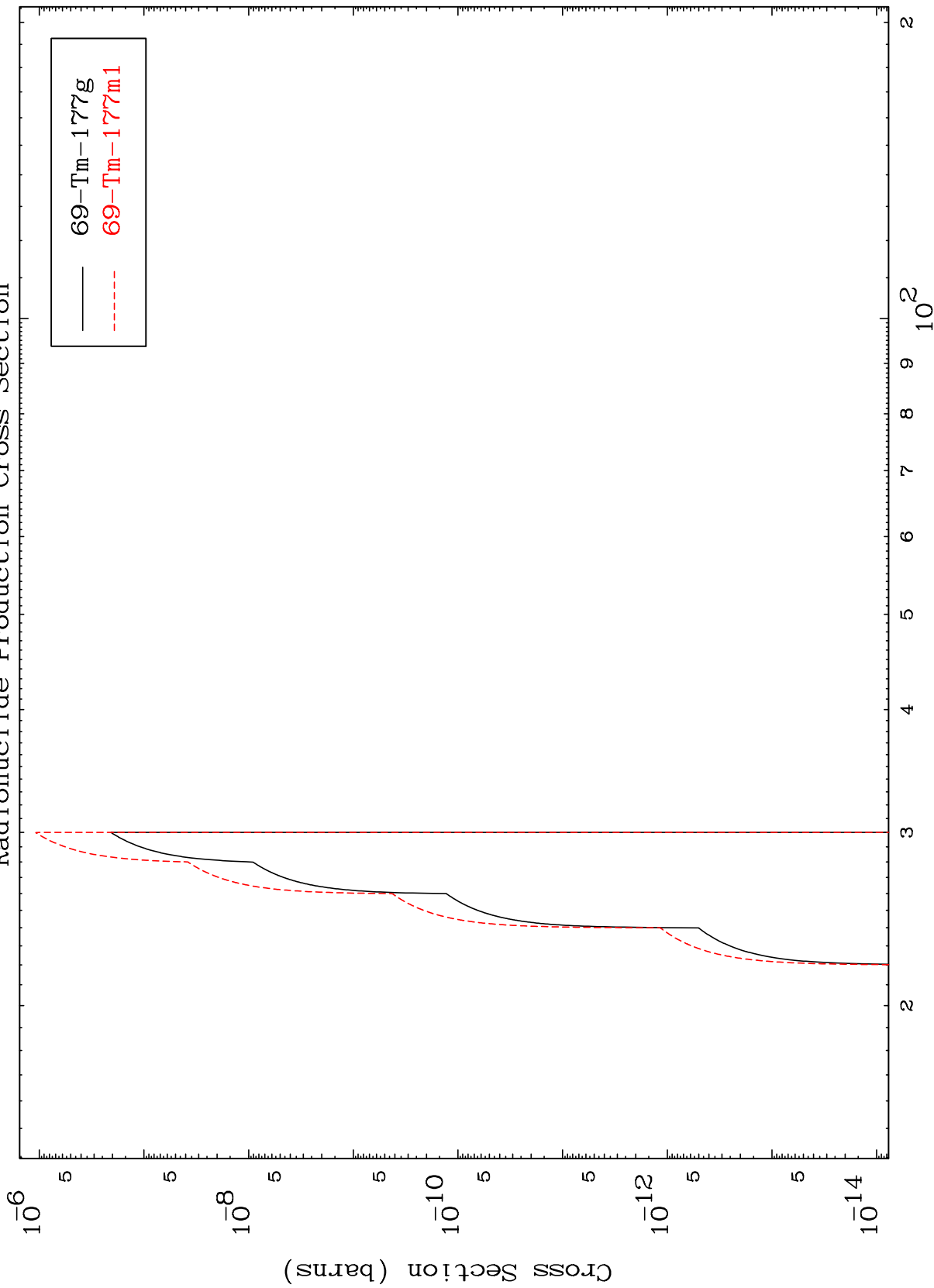
70-Yb-179

MAT 7058

(n,2n) p

70-Yb-179

Radionuclide Production Cross Section



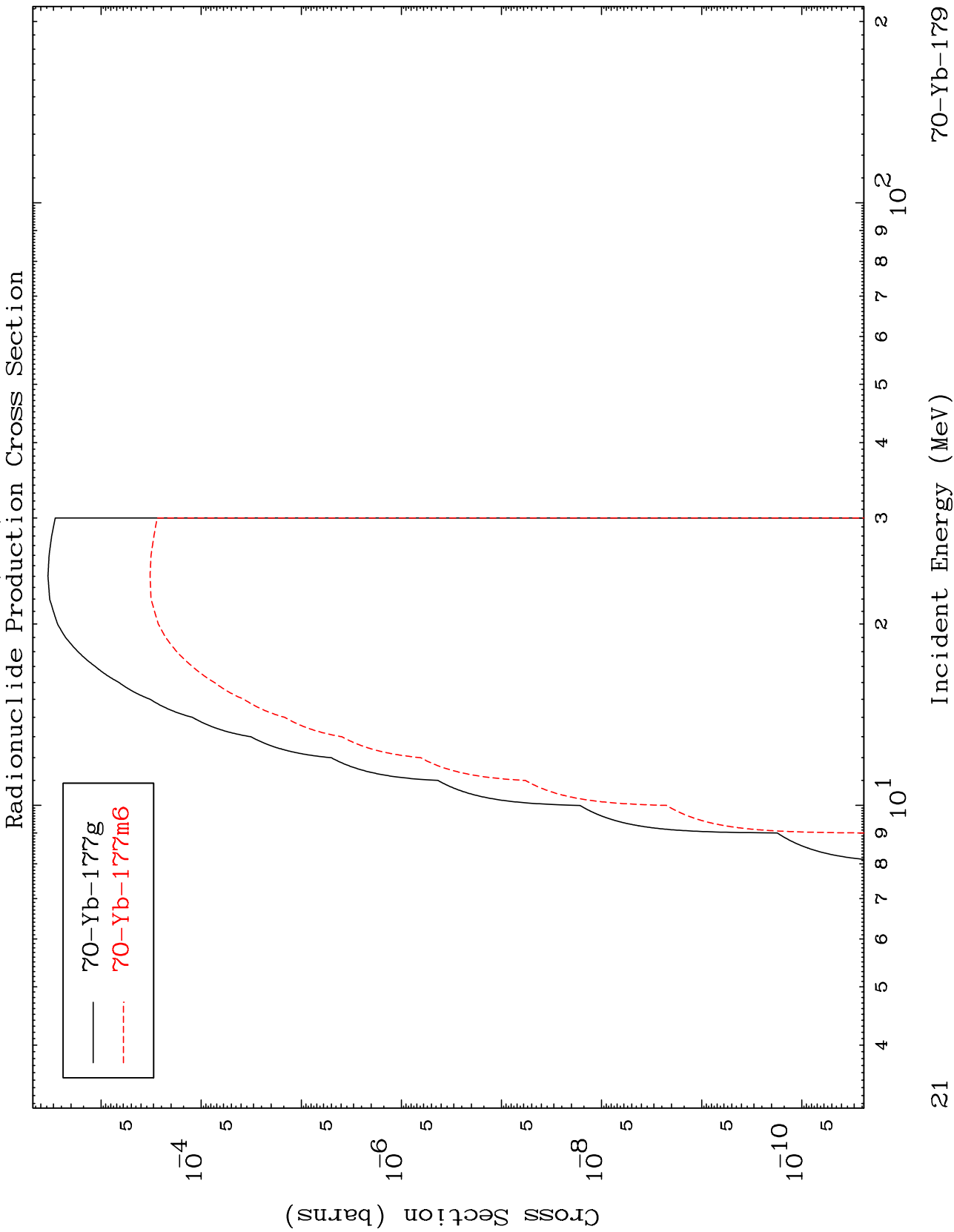
20

Incident Energy (MeV)

70-Yb-179

MAT 7058

70-Yb-179

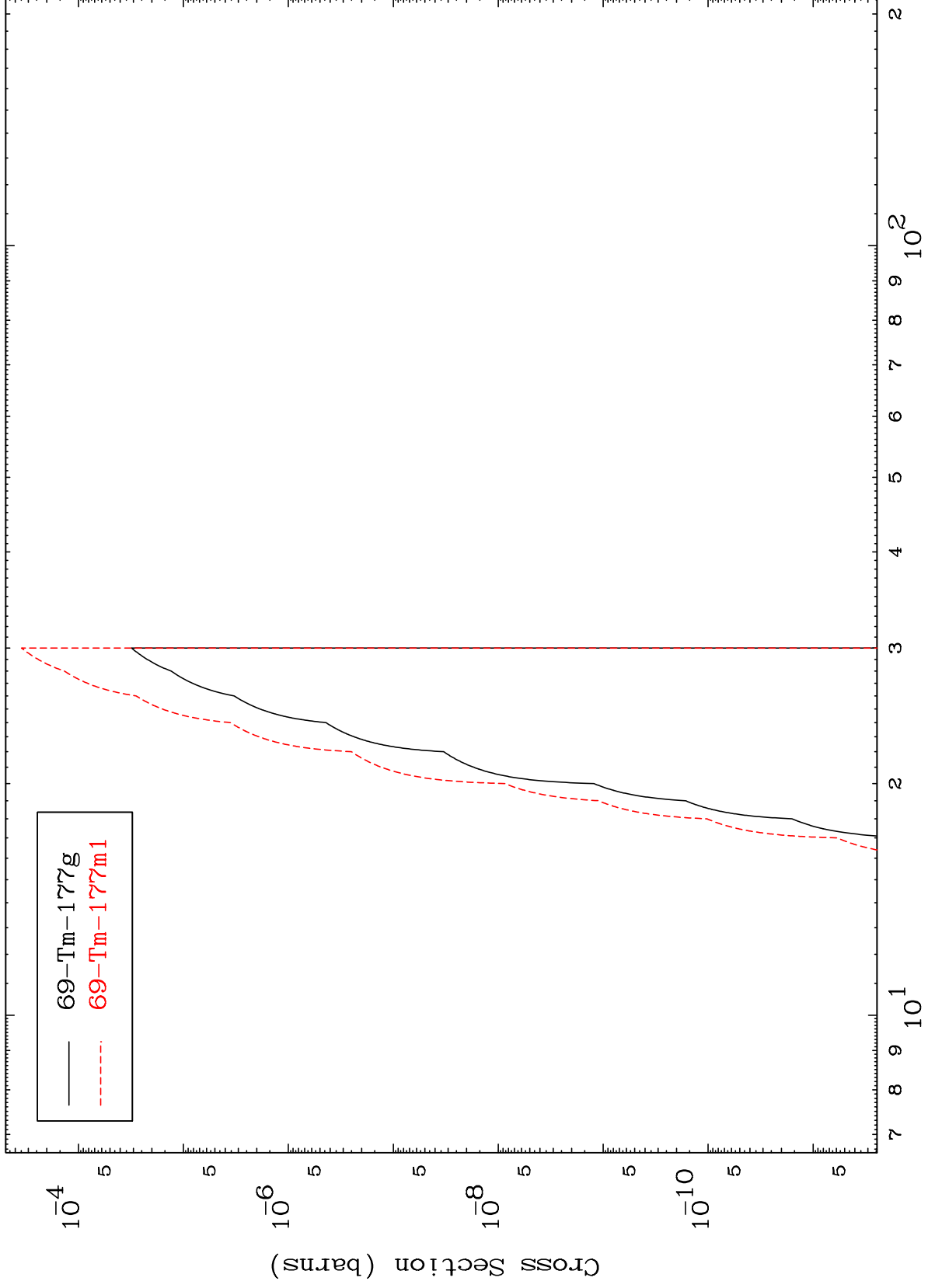


MAT 7058

(n,He-3)

70-Yb-179

Radionuclide Production Cross Section



22

Incident Energy (MeV)

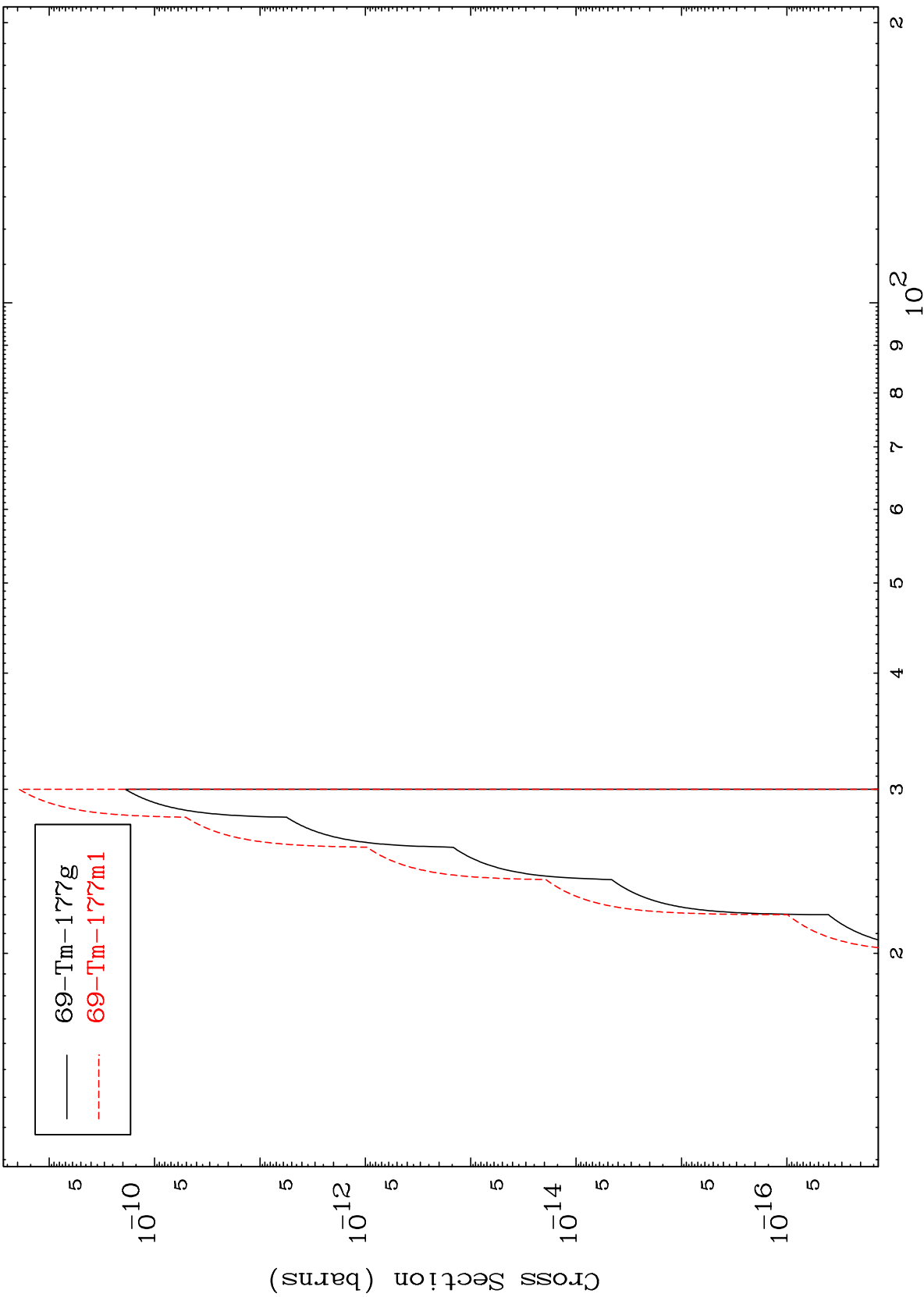
70-Yb-179

MAT 7058

(n,p) d

70-Yb-179

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-179

23