

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

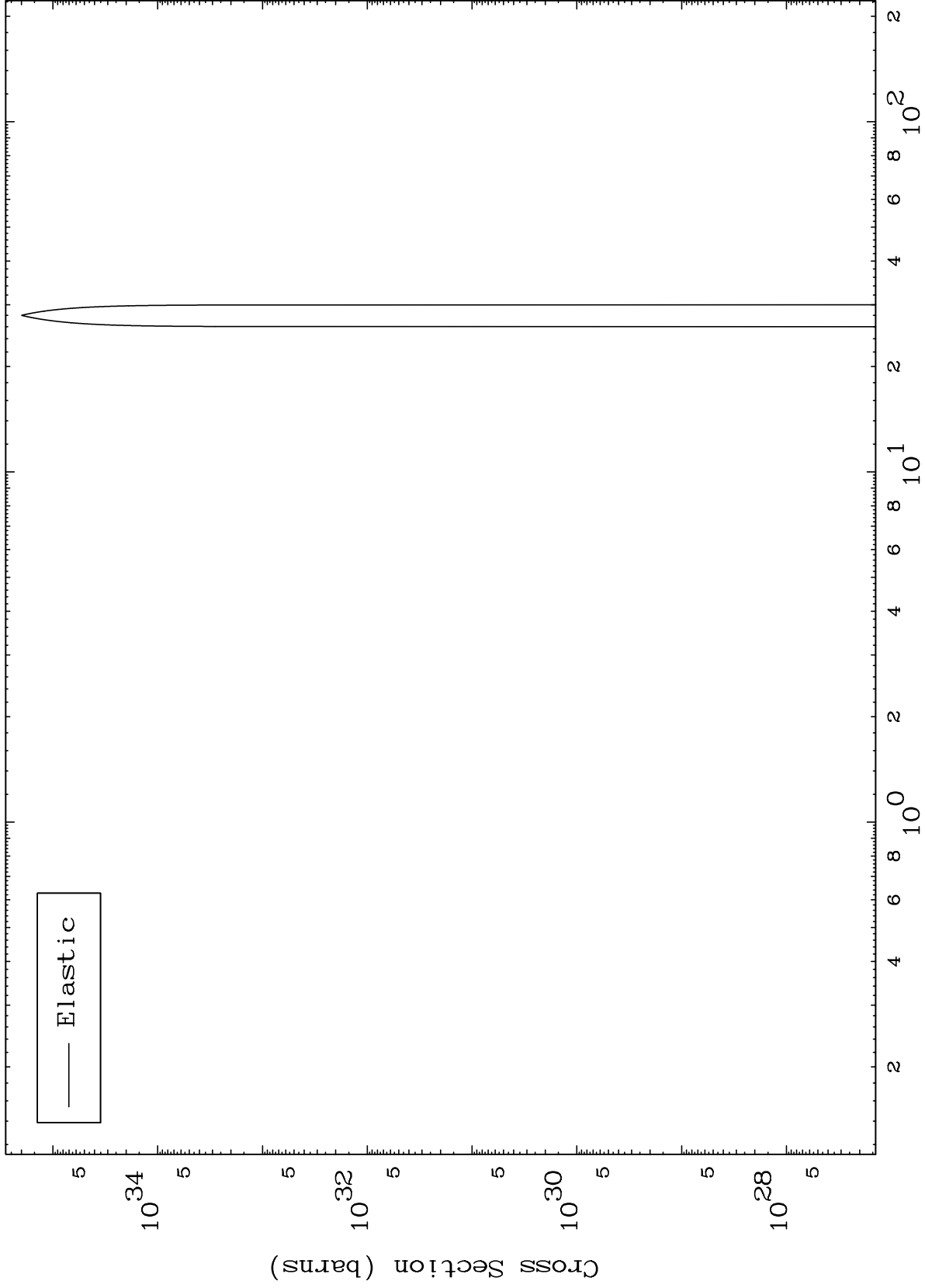
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2861

Deuteron Major
0 Kelvin Cross Sections

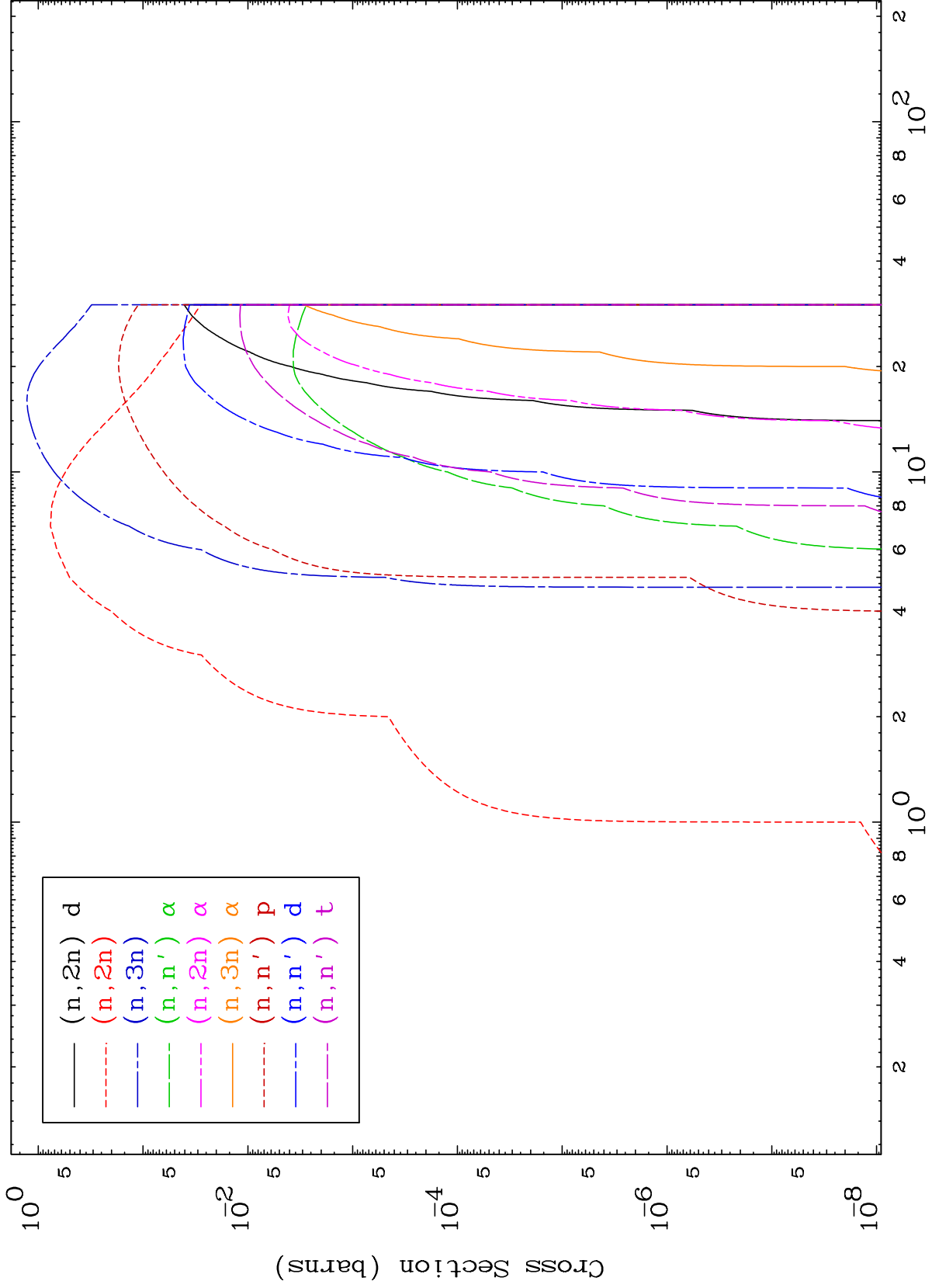
28-Ni-70



MAT 2861

Deuteron Neutron Absorption
0 Kelvin Cross Sections

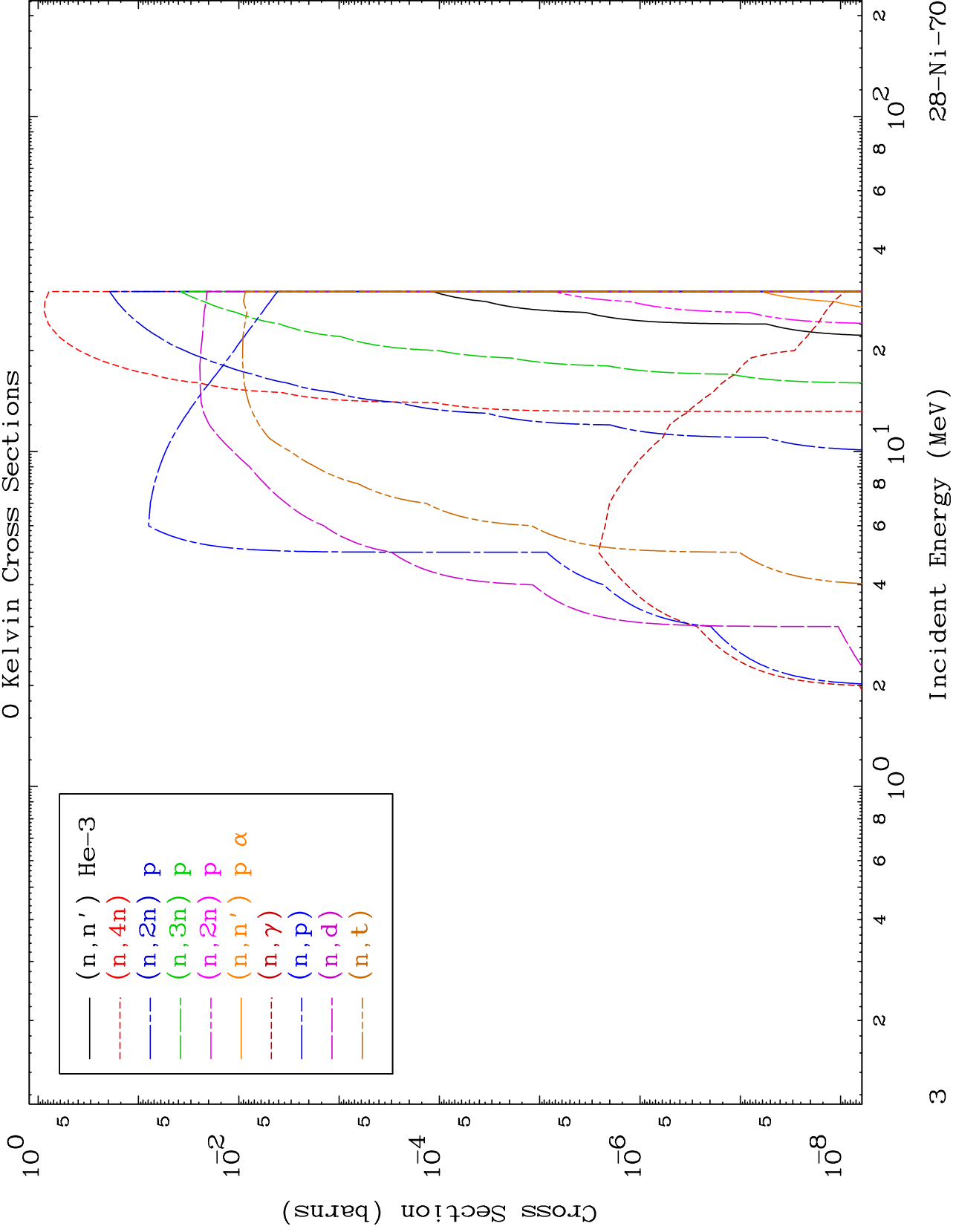
²⁸Ni-70



MAT 2861

Deuteron Neutron Absorption
0 Kelvin Cross Sections

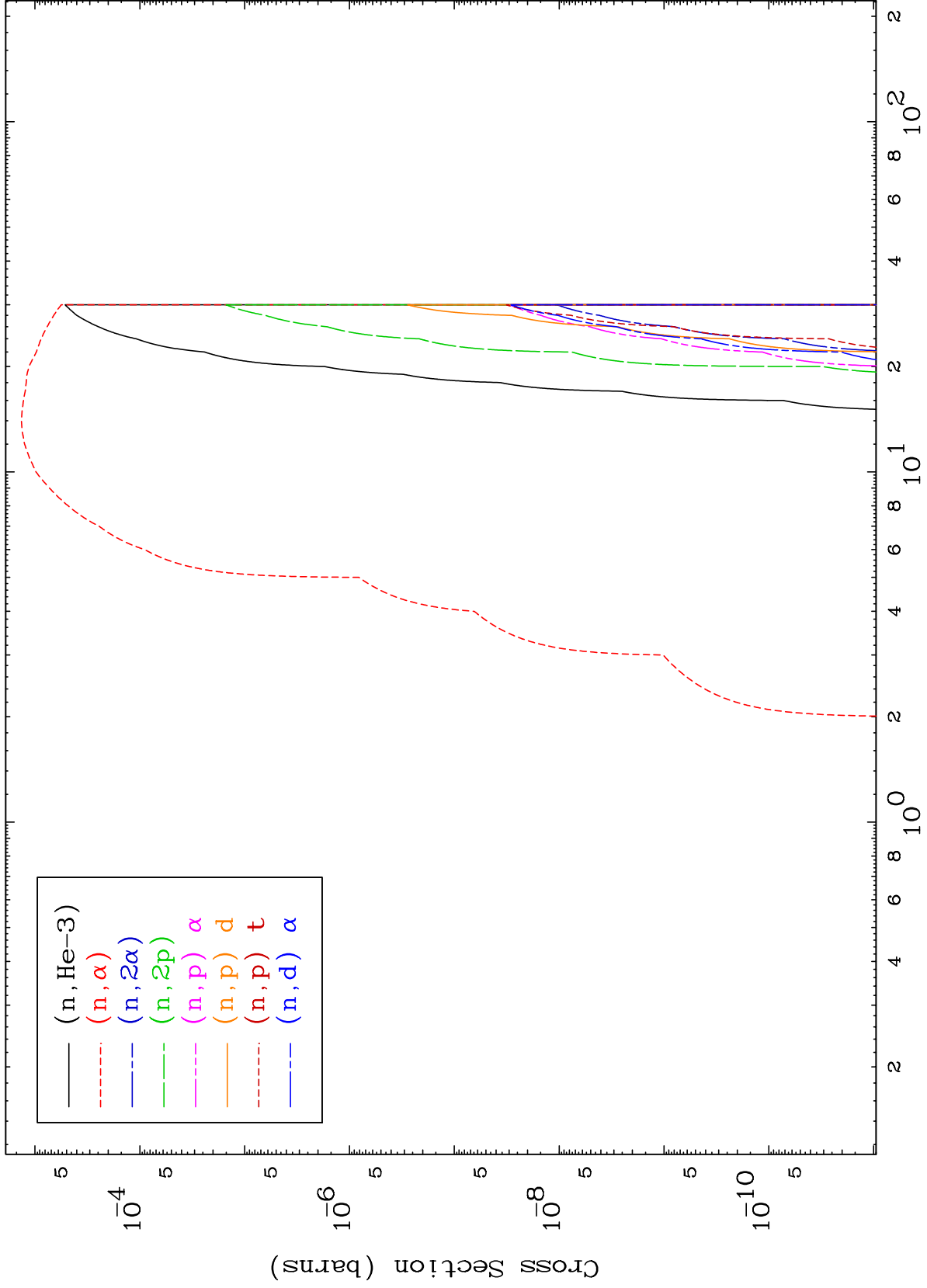
28-Ni-70

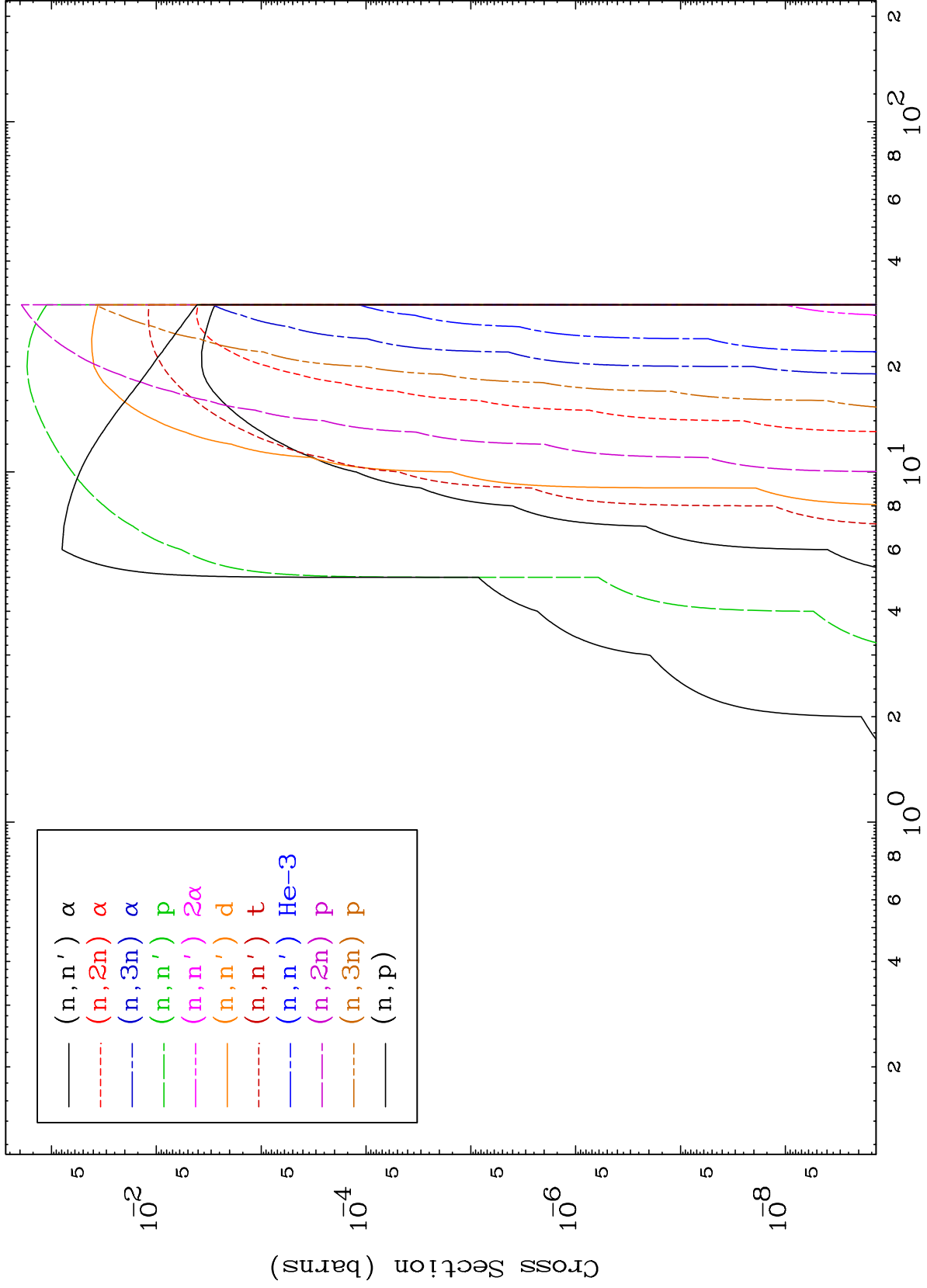


MAT 2861

Deuteron Neutron Absorption
0 Kelvin Cross Sections

²⁸Ni-70

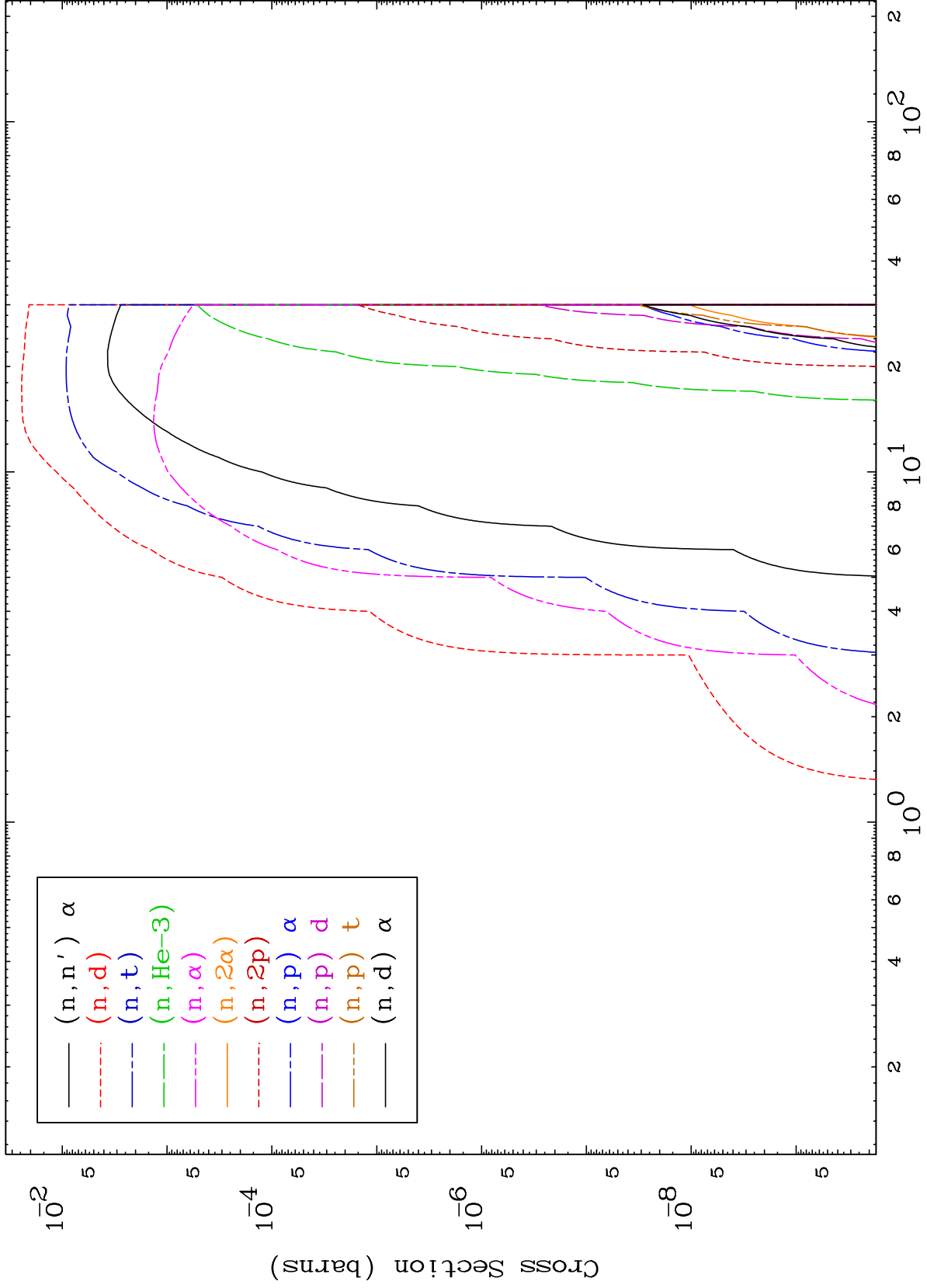




MAT 2861

Deuteron Charged Particle
0 Kelvin Cross Sections

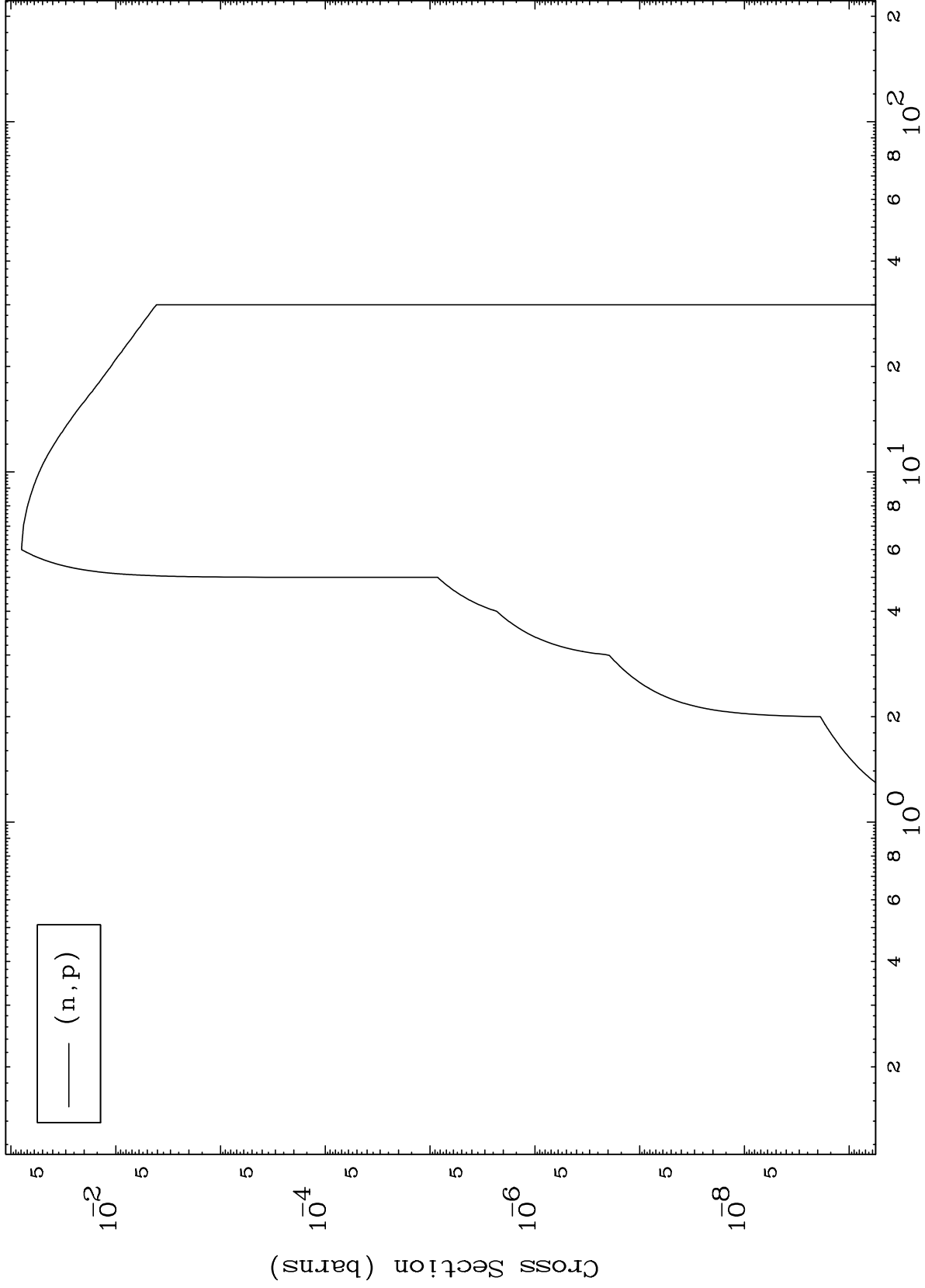
28-Ni-70



MAT 2861

(d,p) Levels
0 Kelvin Cross Sections

28-Ni-70



7

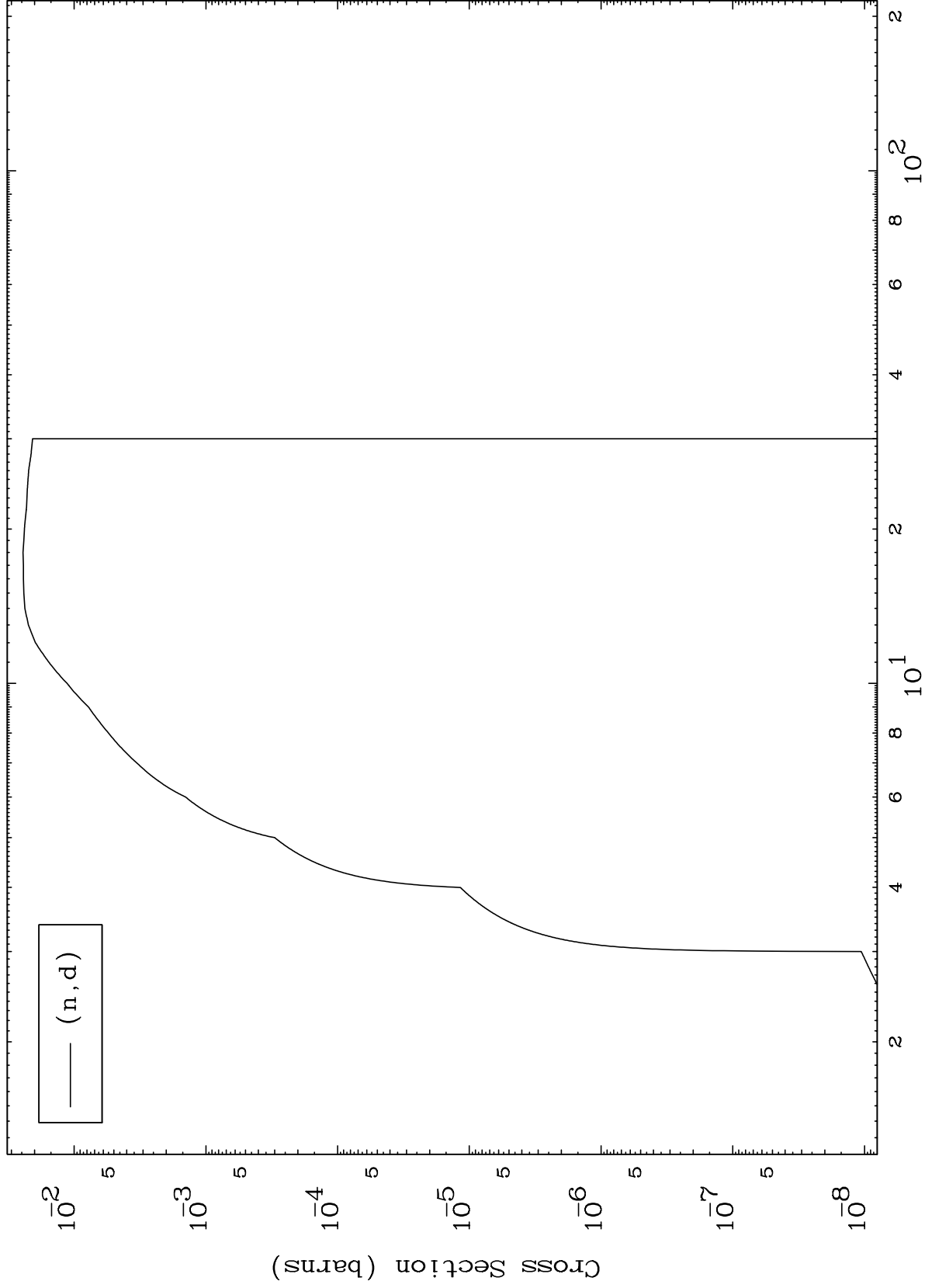
Incident Energy (MeV)

28-Ni-70

MAT 2861

(d,d) Levels
0 Kelvin Cross Sections

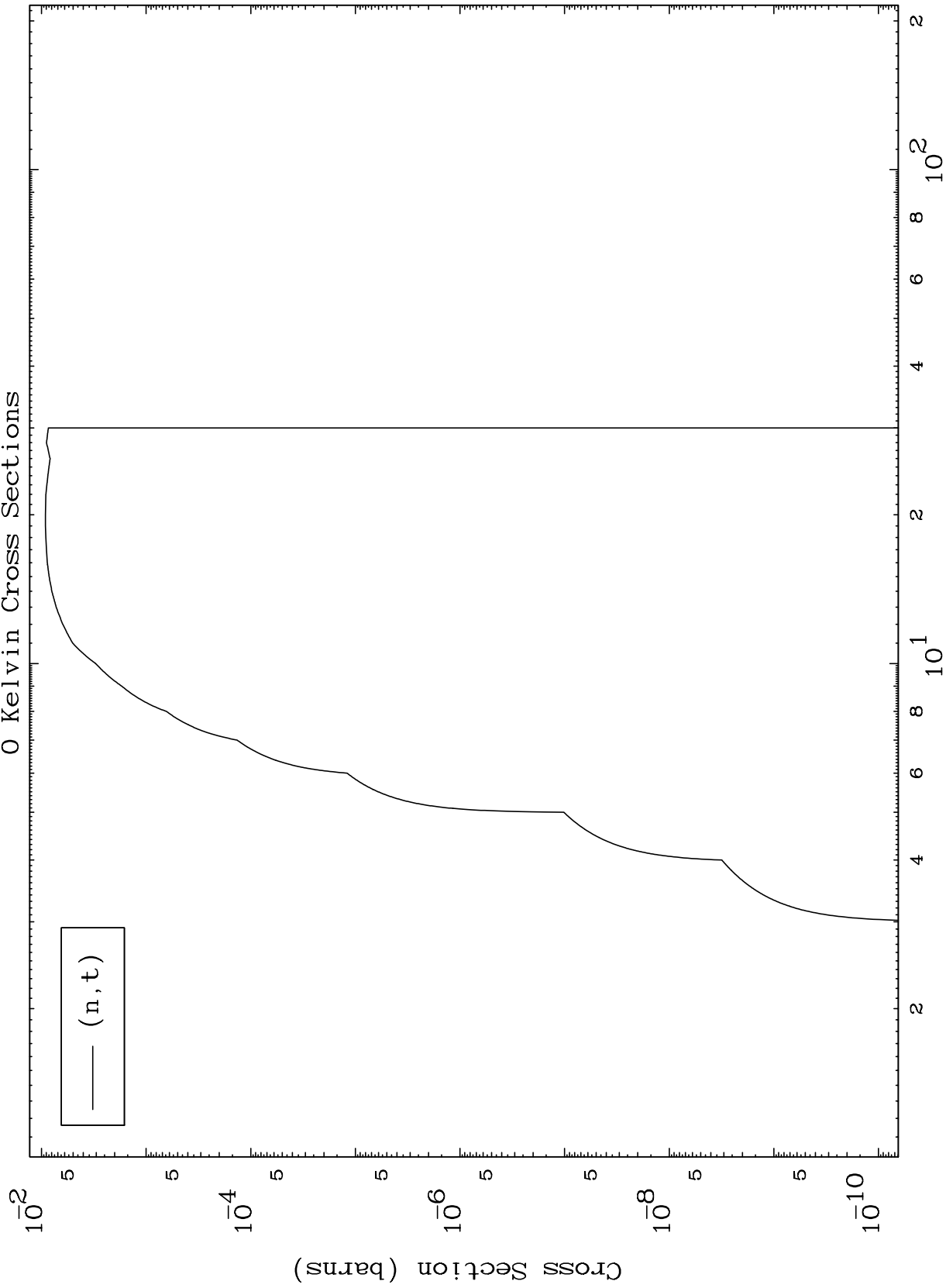
28-Ni-70



MAT 2861

(d,t) Levels
0 Kelvin Cross Sections

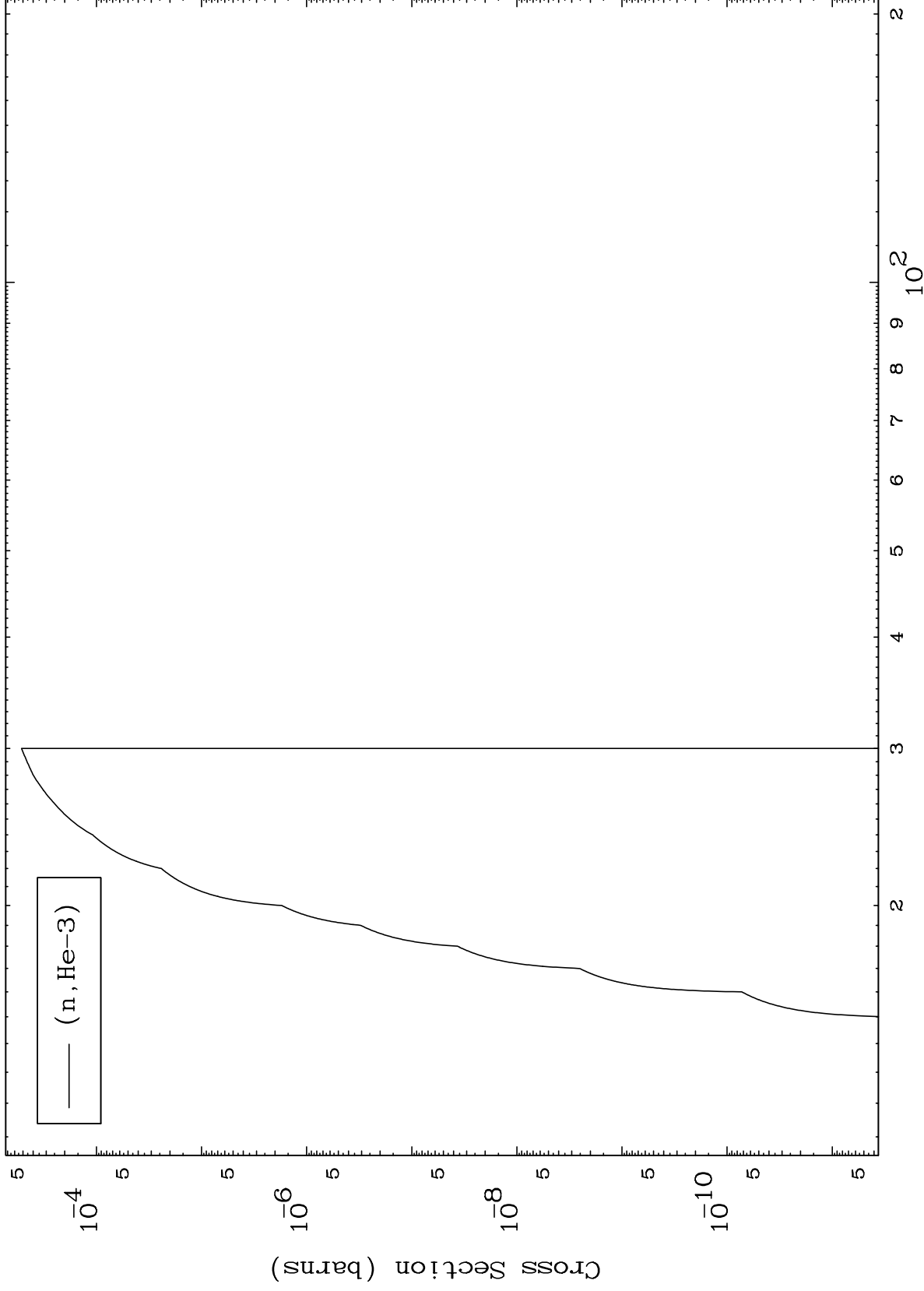
28-Ni-70



MAT 2861

(d,He3) Levels
0 Kelvin Cross Sections

²⁸Ni-70



10

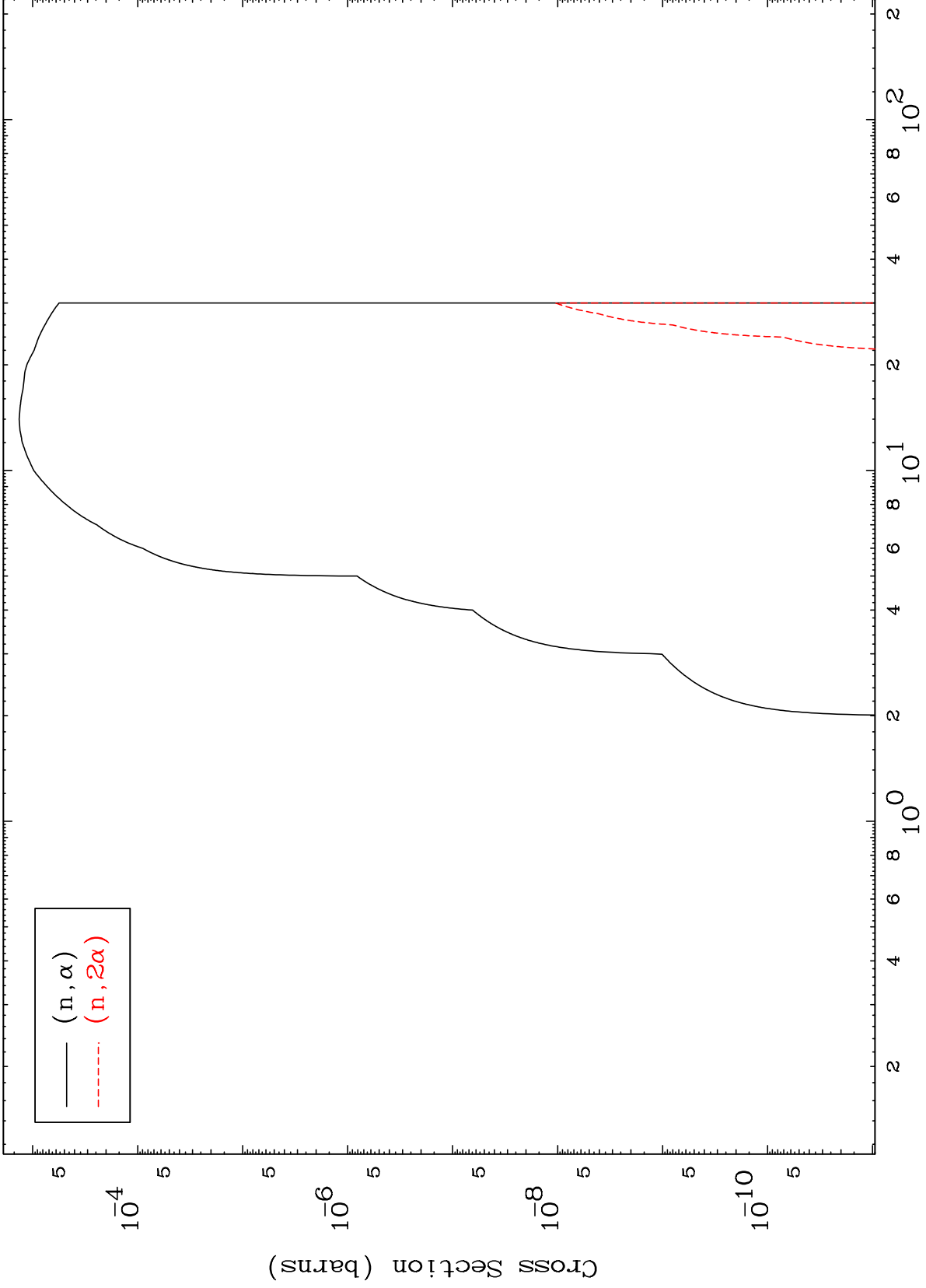
Incident Energy (MeV)

²⁸Ni-70

MAT 2861

(d, α) Levels
0 Kelvin Cross Sections

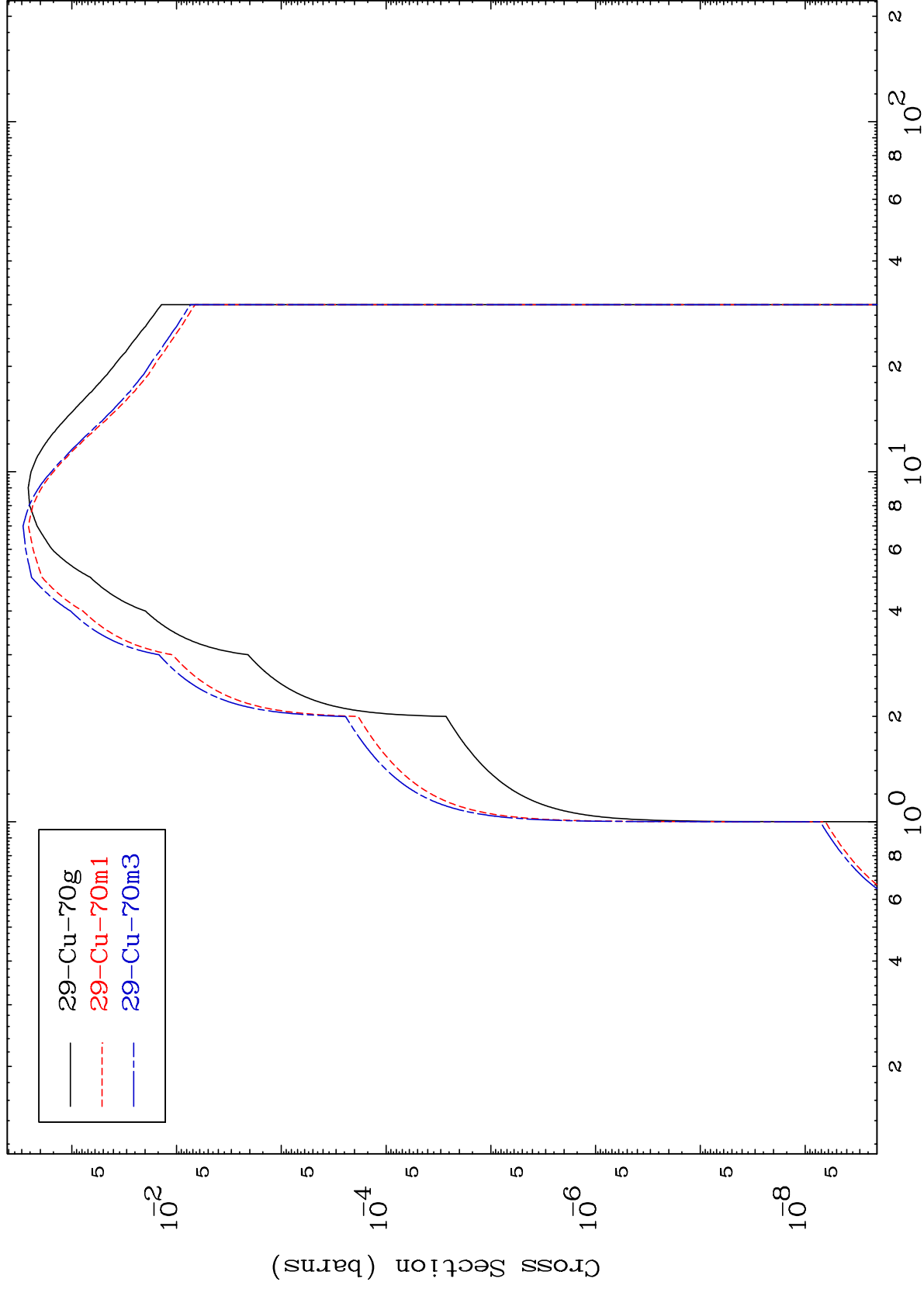
$^{28}\text{Ni}-70$



MAT 2861

28-Ni-70

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

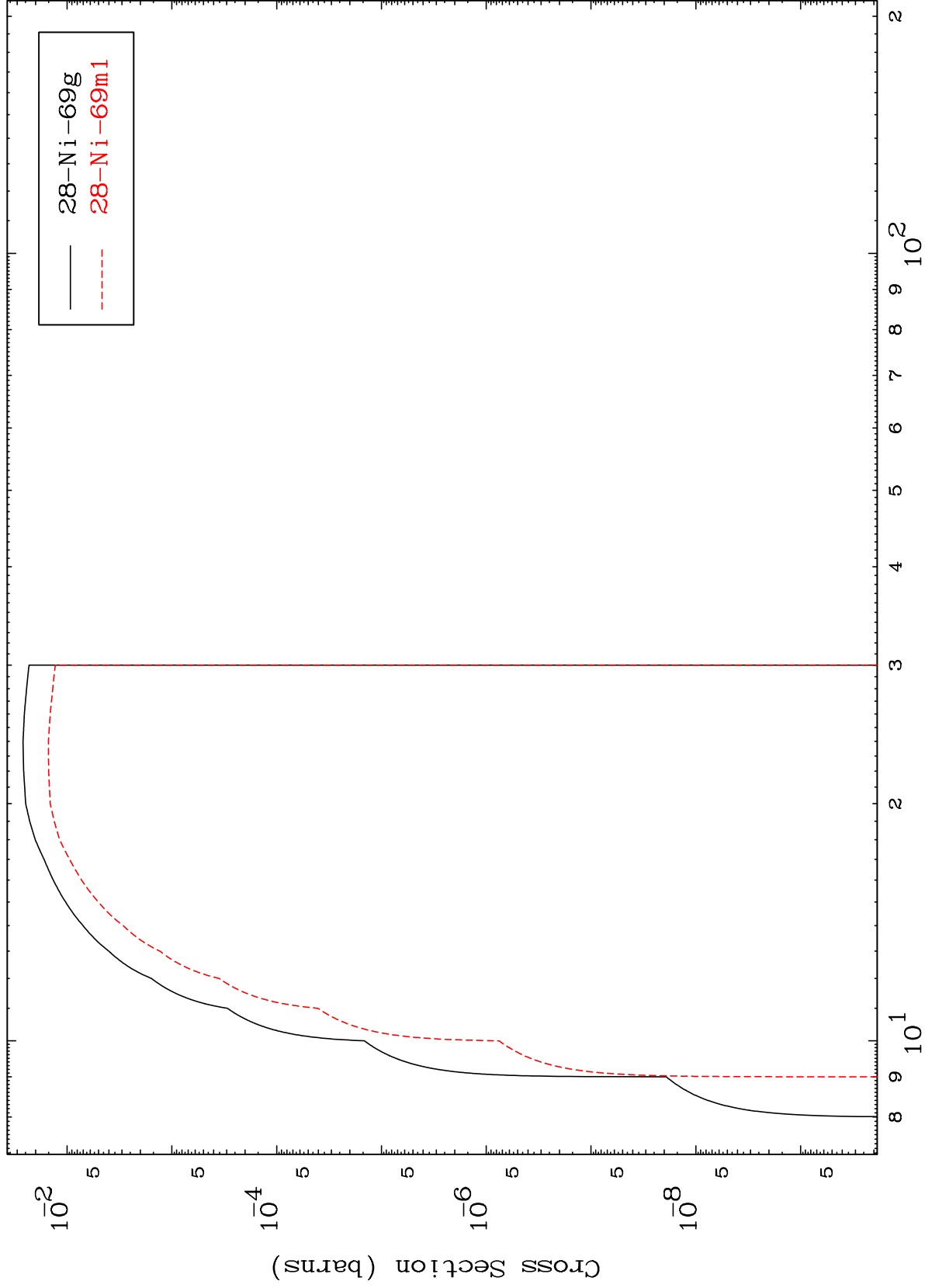
28-Ni-70

MAT 2861

(n,n') d

28-Ni-70

Radionuclide Production Cross Section



13

Incident Energy (MeV)

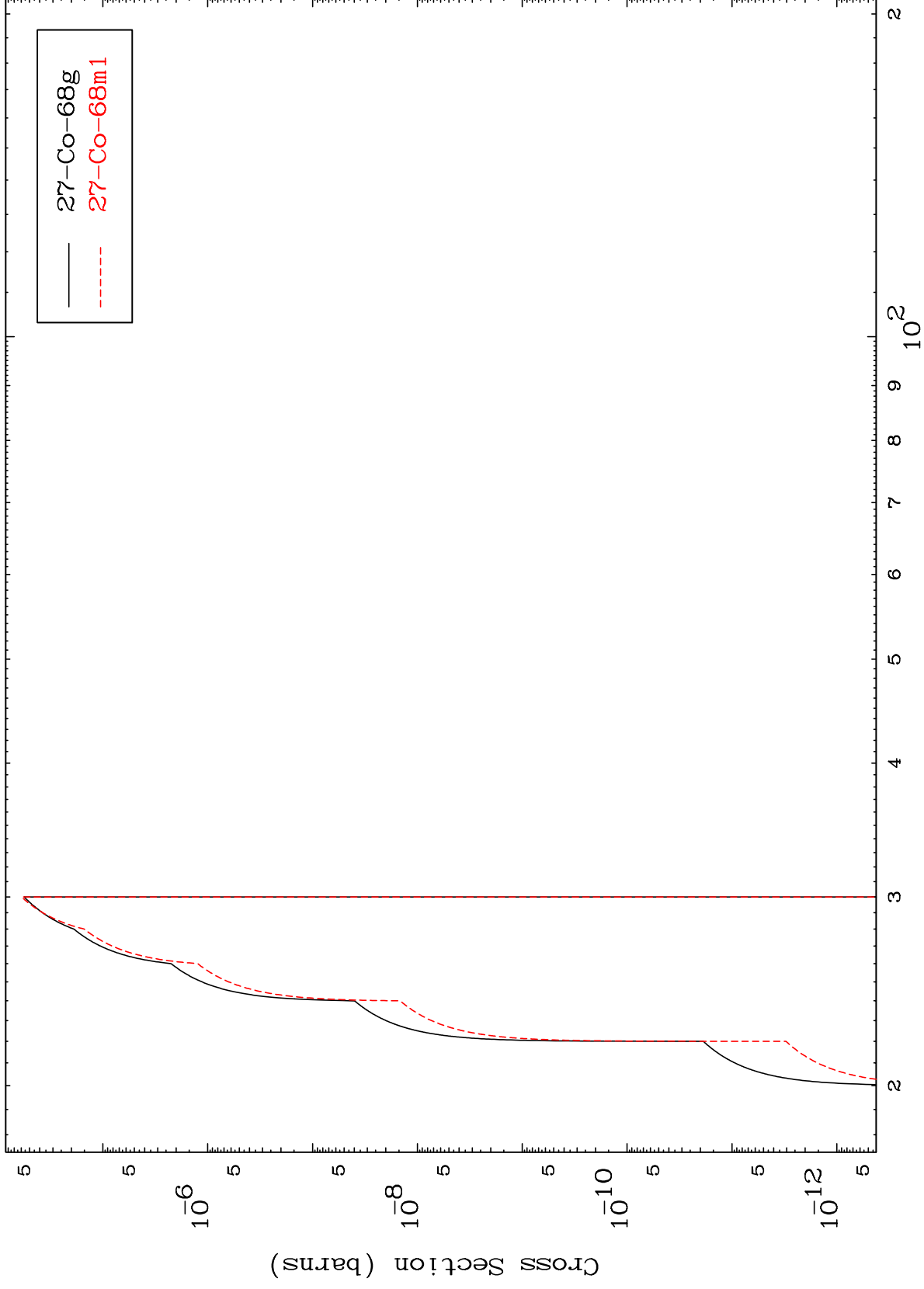
28-Ni-70

MAT 2861

(n,n') He-3

28-Ni-70

Radionuclide Production Cross Section



14

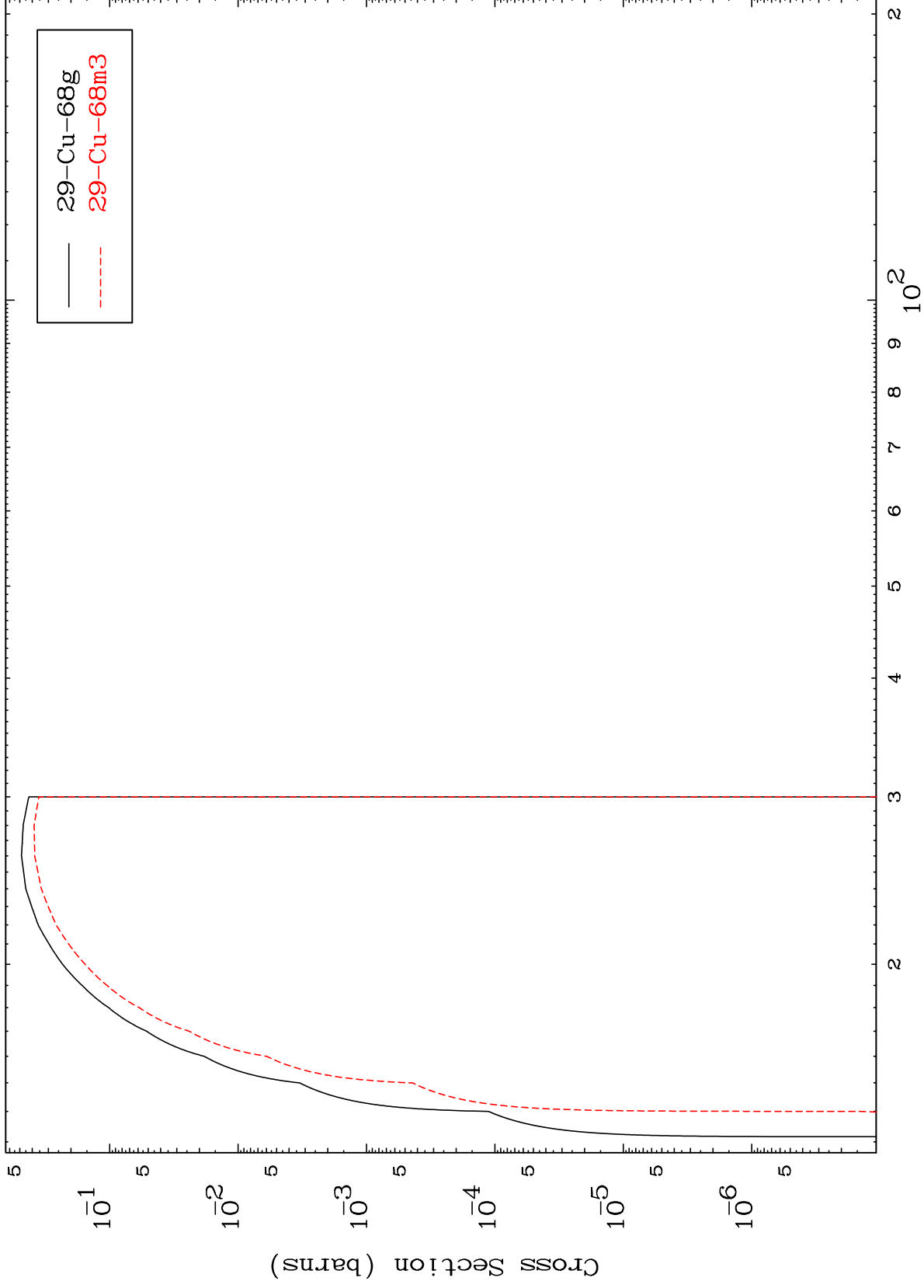
Incident Energy (MeV)

28-Ni-70

MAT 2861

²⁸Ni-70

(n,4n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

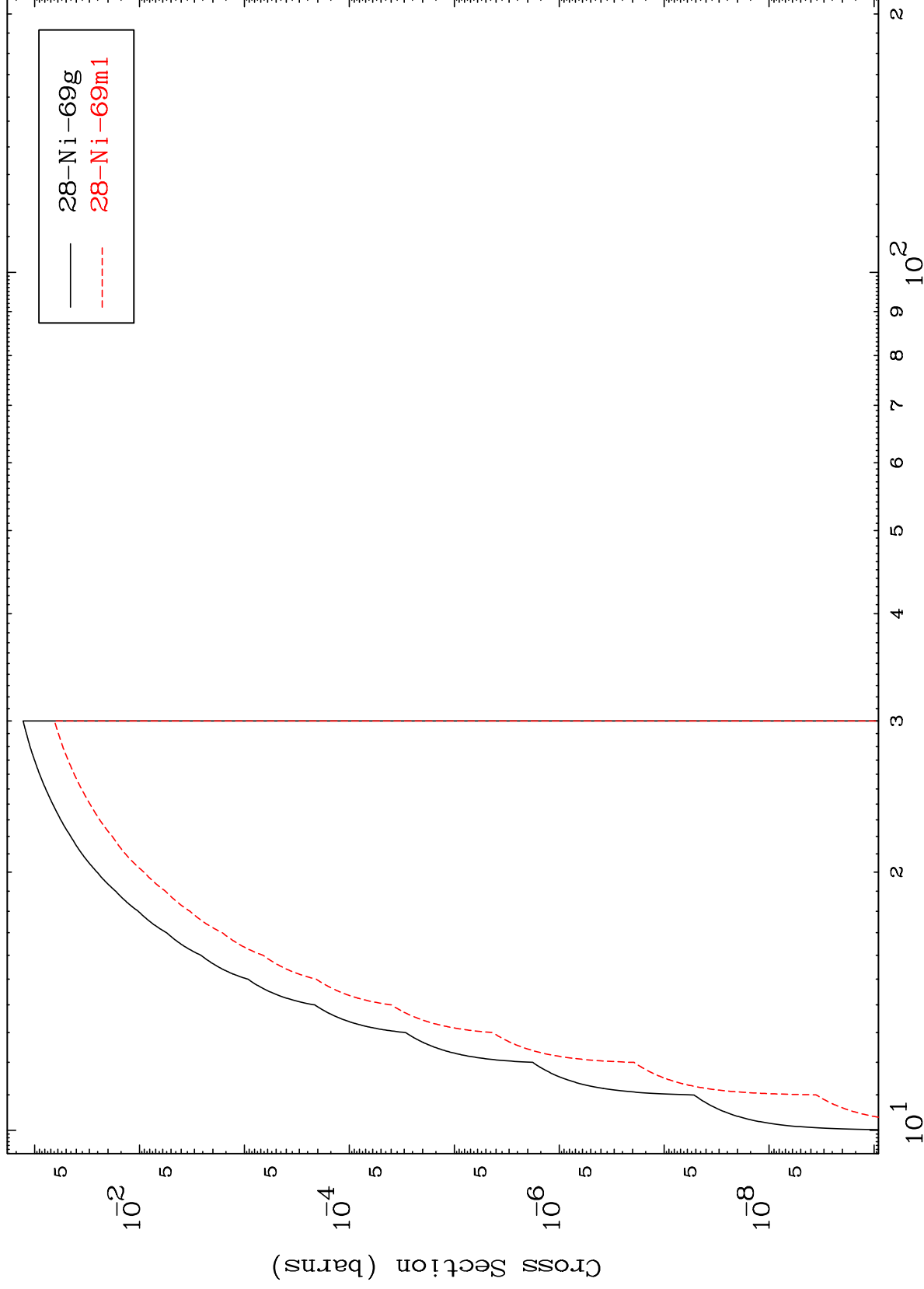
²⁸Ni-70

MAT 2861

(n,2n) p

28-Ni-70

Radionuclide Production Cross Section



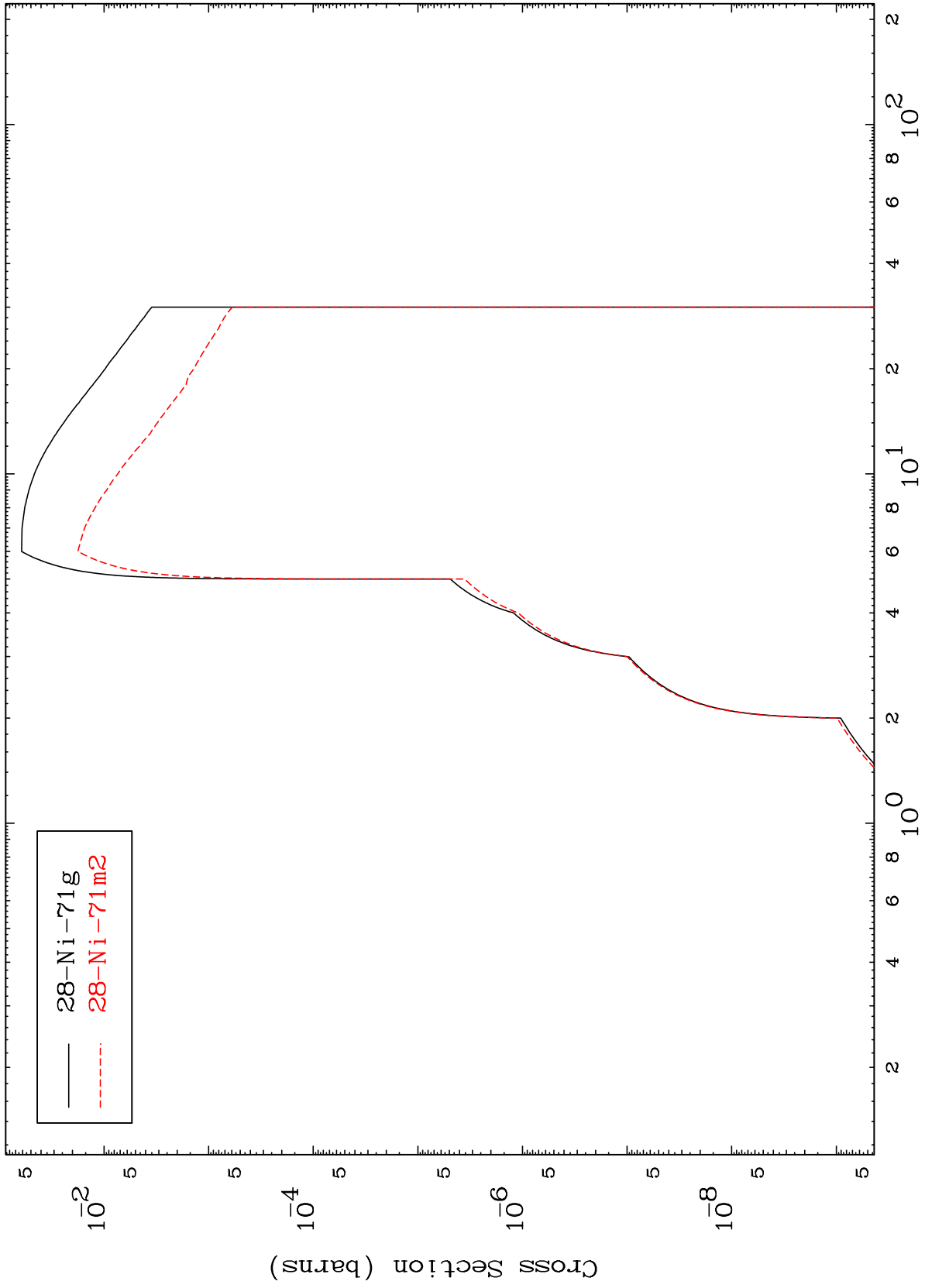
Incident Energy (MeV)

28-Ni-70

MAT 2861

28-Ni-70

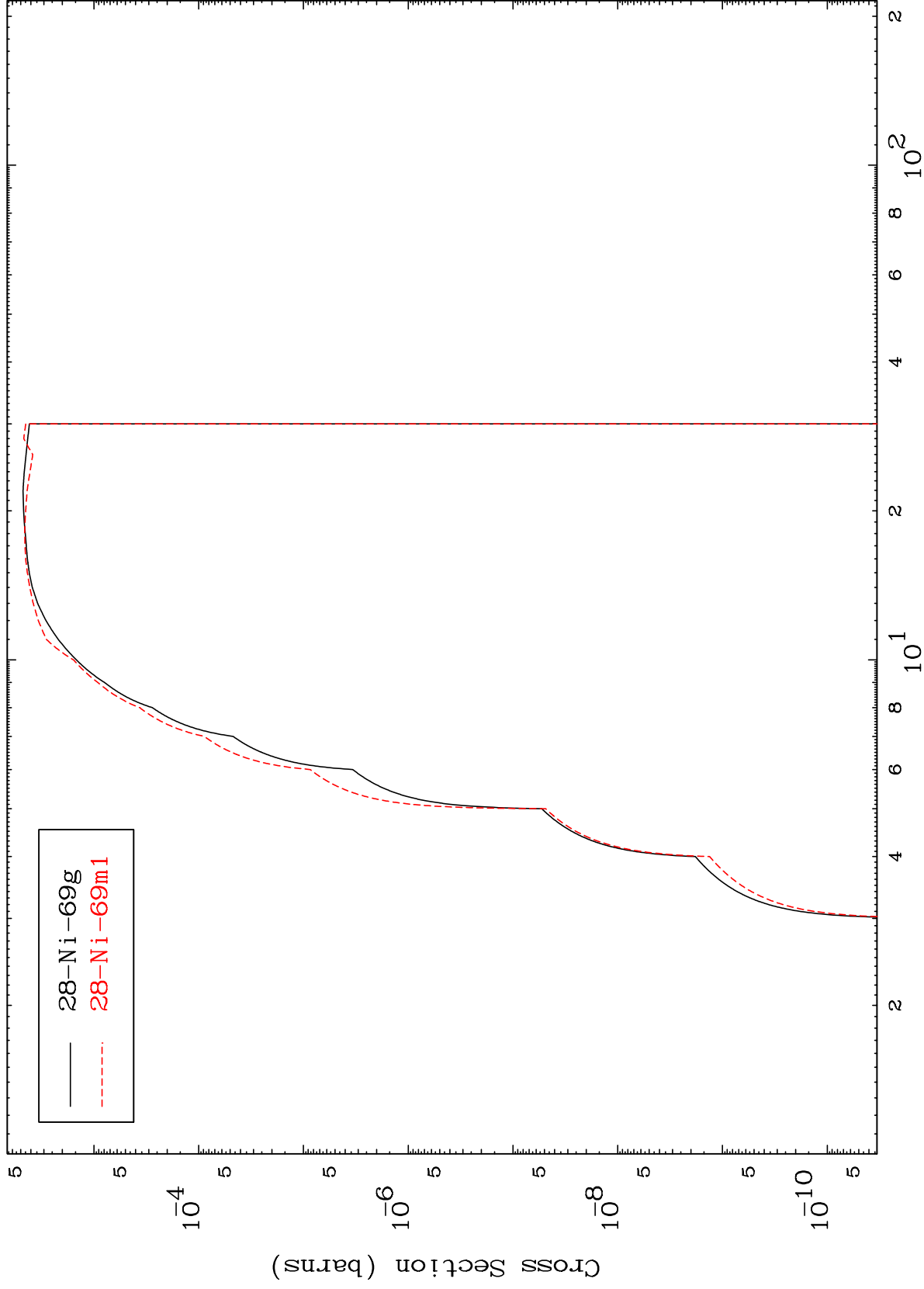
(n,p)
Radionuclide Production Cross Section



MAT 2861

28-Ni-70

(n,t)
Radionuclide Production Cross Section



18

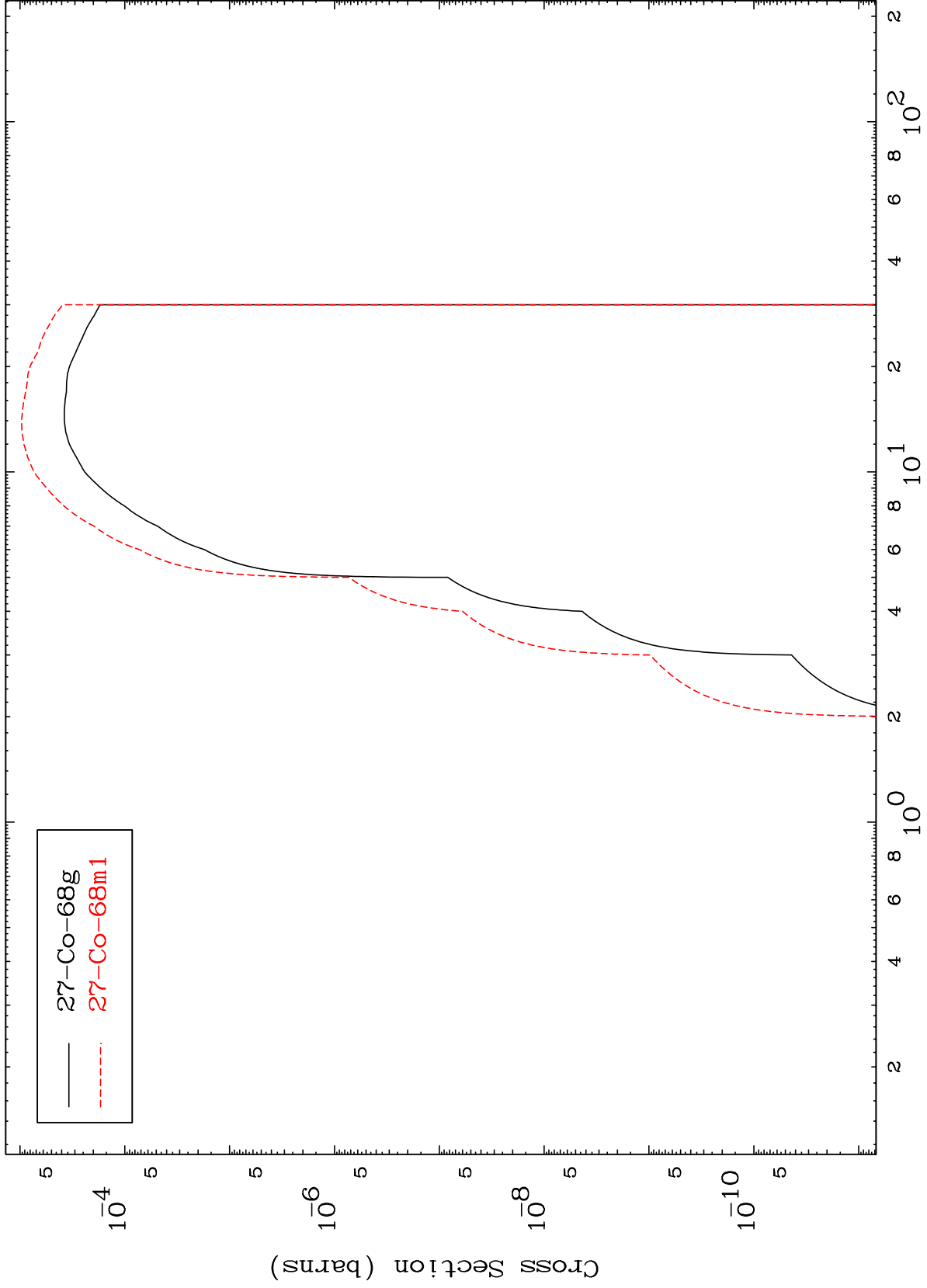
Incident Energy (MeV)

28-Ni-70

MAT 2861

$^{28}\text{Ni-70}$

Radionuclide Production Cross Section



19

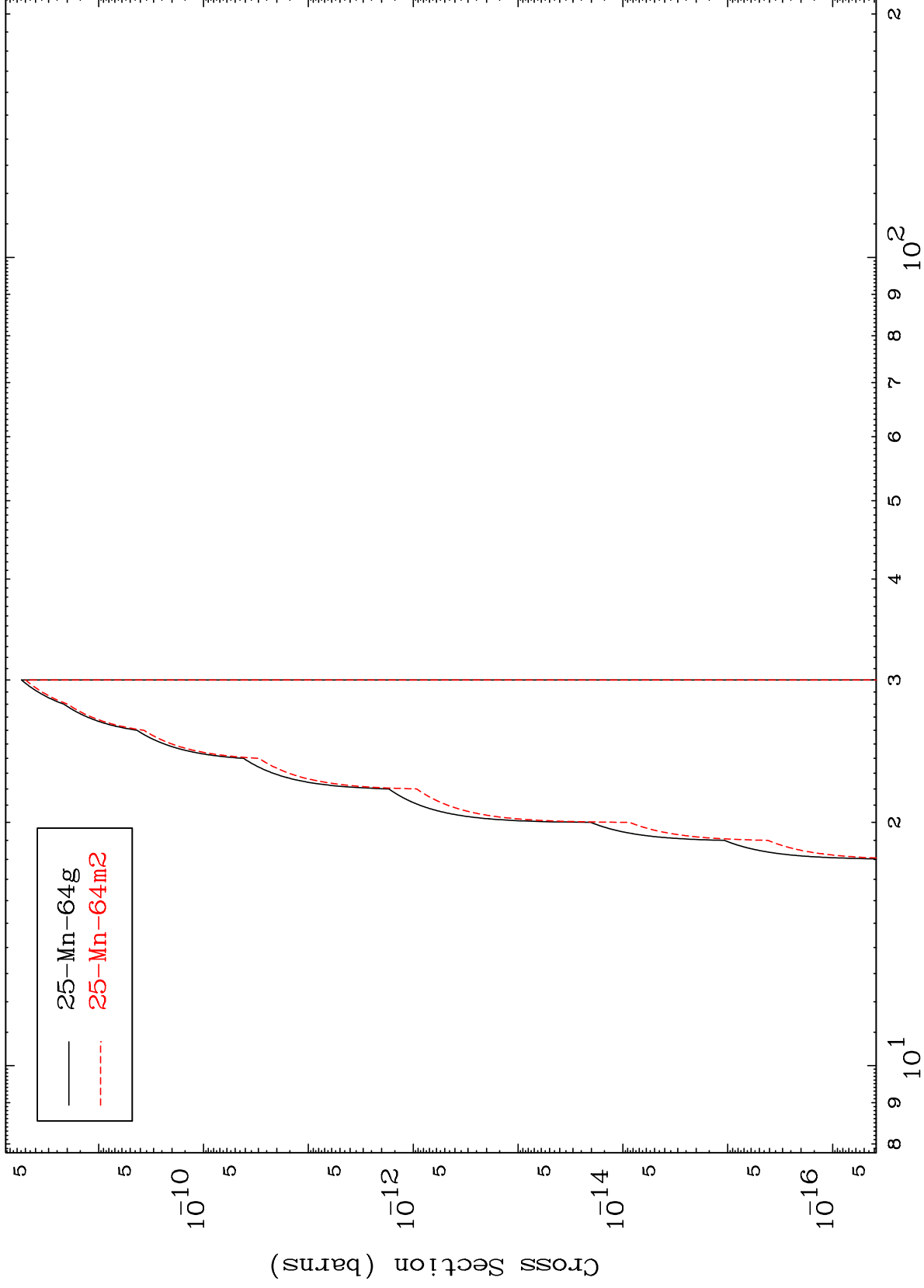
Incident Energy (MeV)

$^{28}\text{Ni-70}$

MAT 2861

28-Ni-70

Radionuclide Production Cross Section
(n,2α)



20

Incident Energy (MeV)

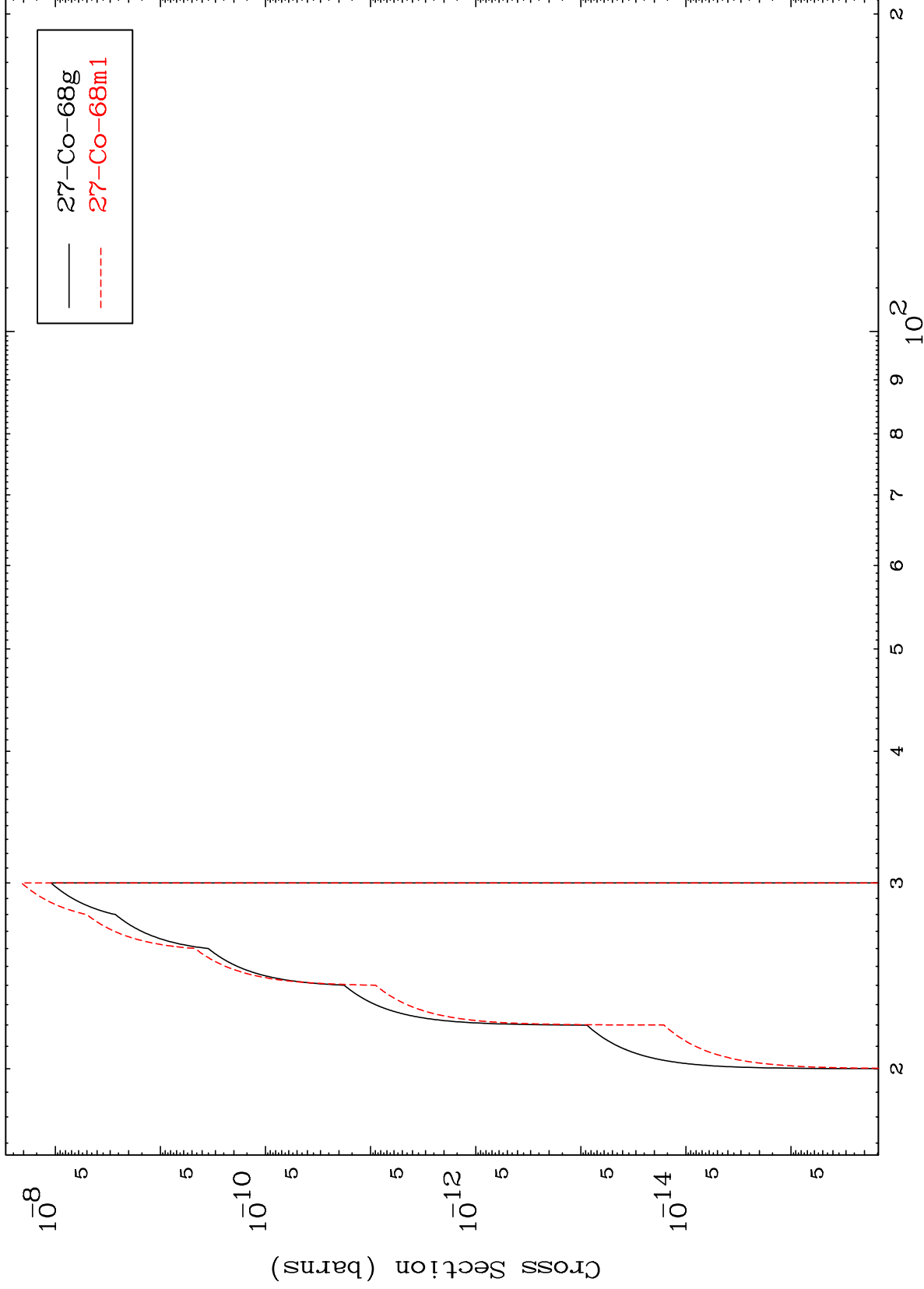
28-Ni-70

MAT 2861

(n,p) t

²⁸Ni-70

Radionuclide Production Cross Section



21

Incident Energy (MeV)

²⁸Ni-70