

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

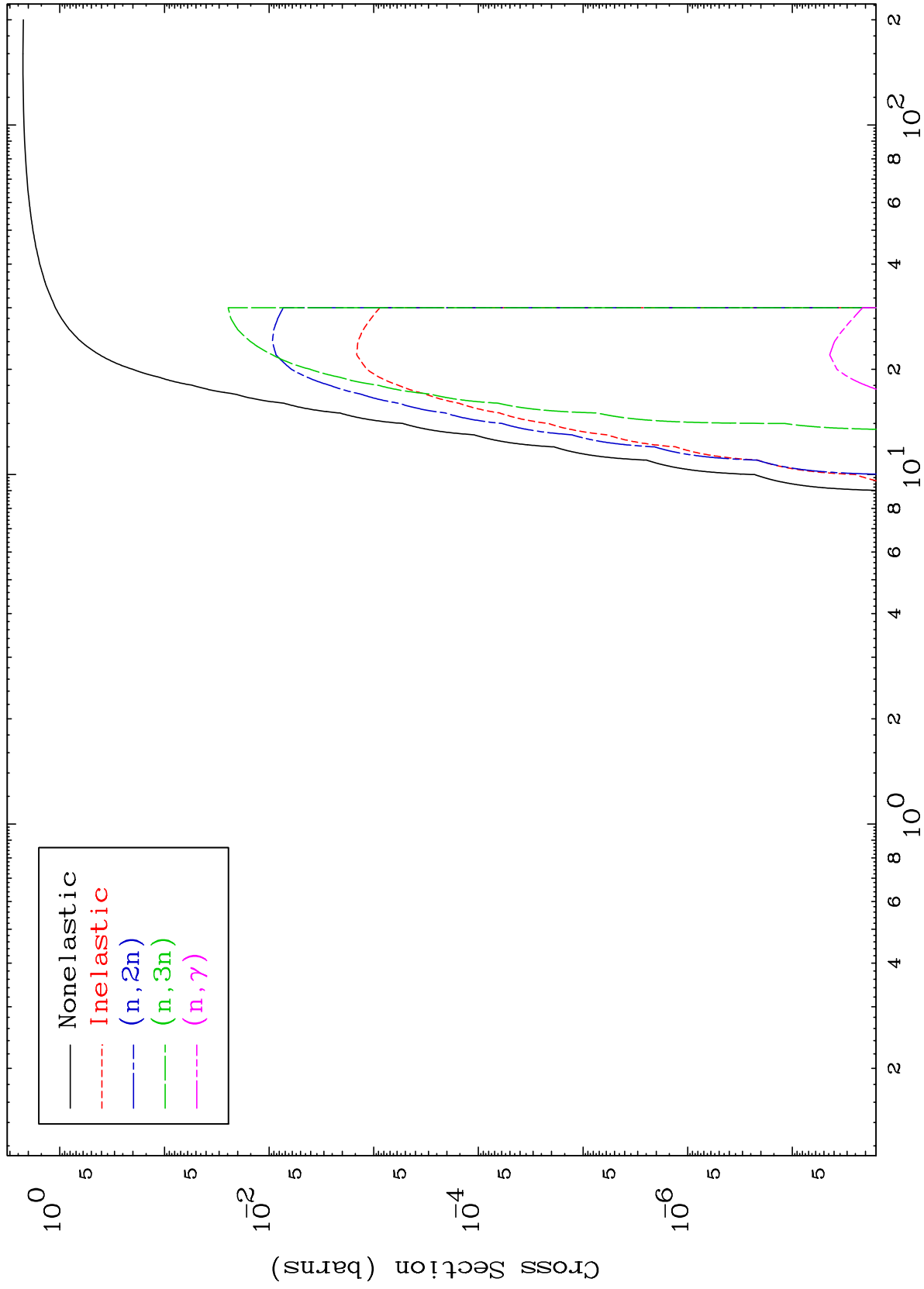
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7034

He-3 Major
0 Kelvin Cross Sections

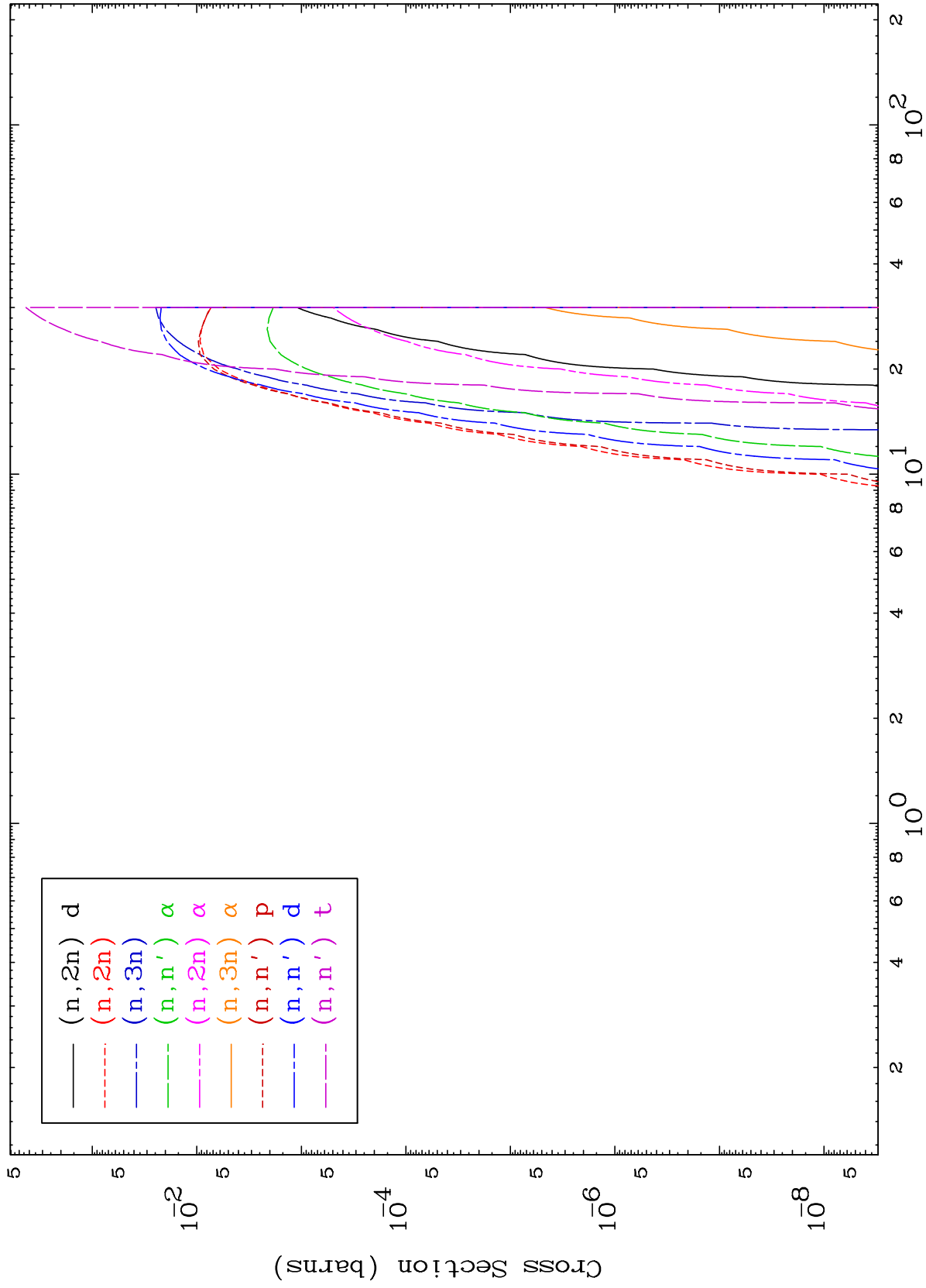
70-Yb-171



MAT 7034

He-3 Neutron Absorption
0 Kelvin Cross Sections

70-Yb-171



2

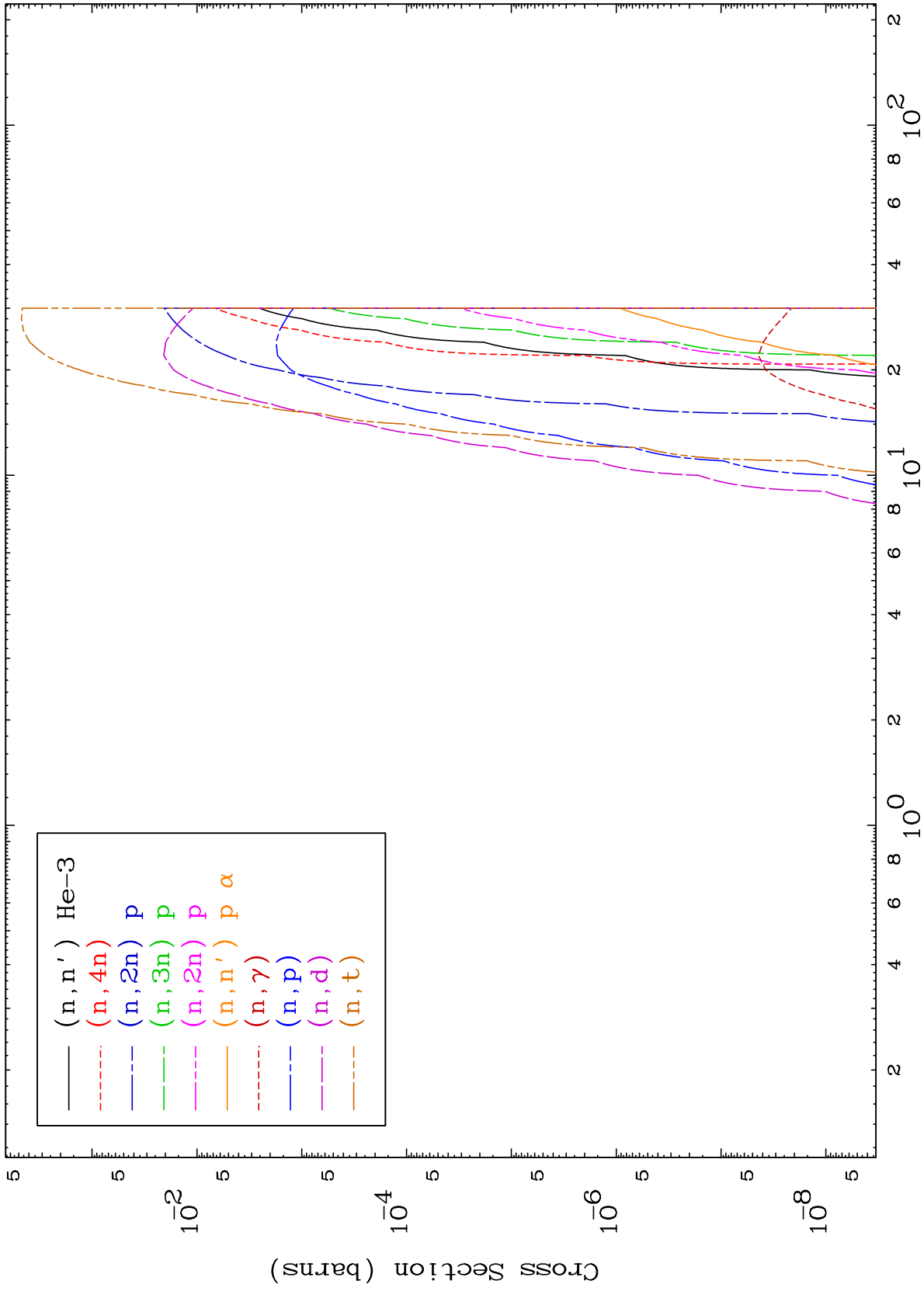
Incident Energy (MeV)

70-Yb-171

MAT 7034

He-3 Neutron Absorption
0 Kelvin Cross Sections

70-Yb-171



3

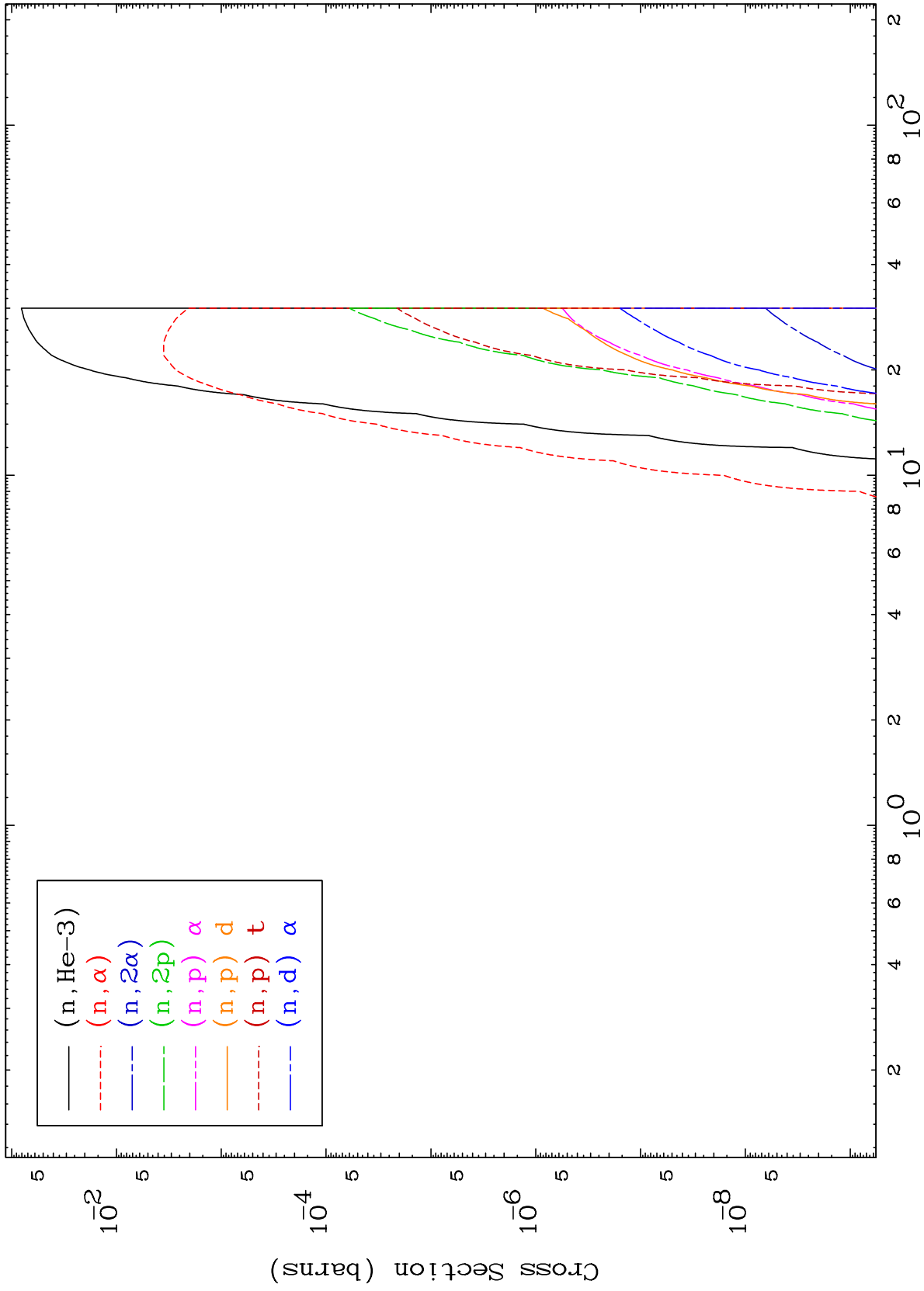
Incident Energy (MeV)

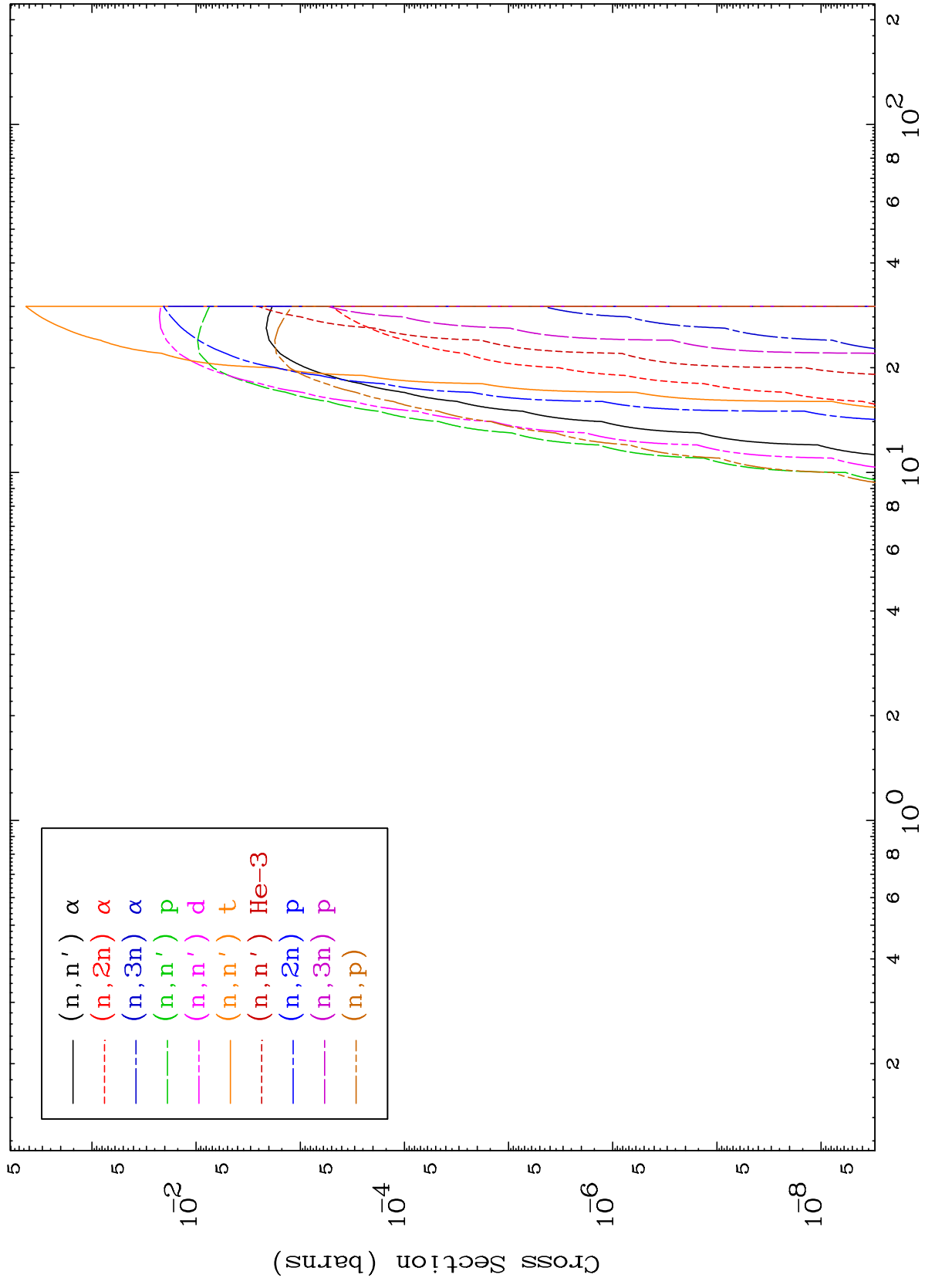
70-Yb-171

MAT 7034

He-3 Neutron Absorption
0 Kelvin Cross Sections

70-Yb-171

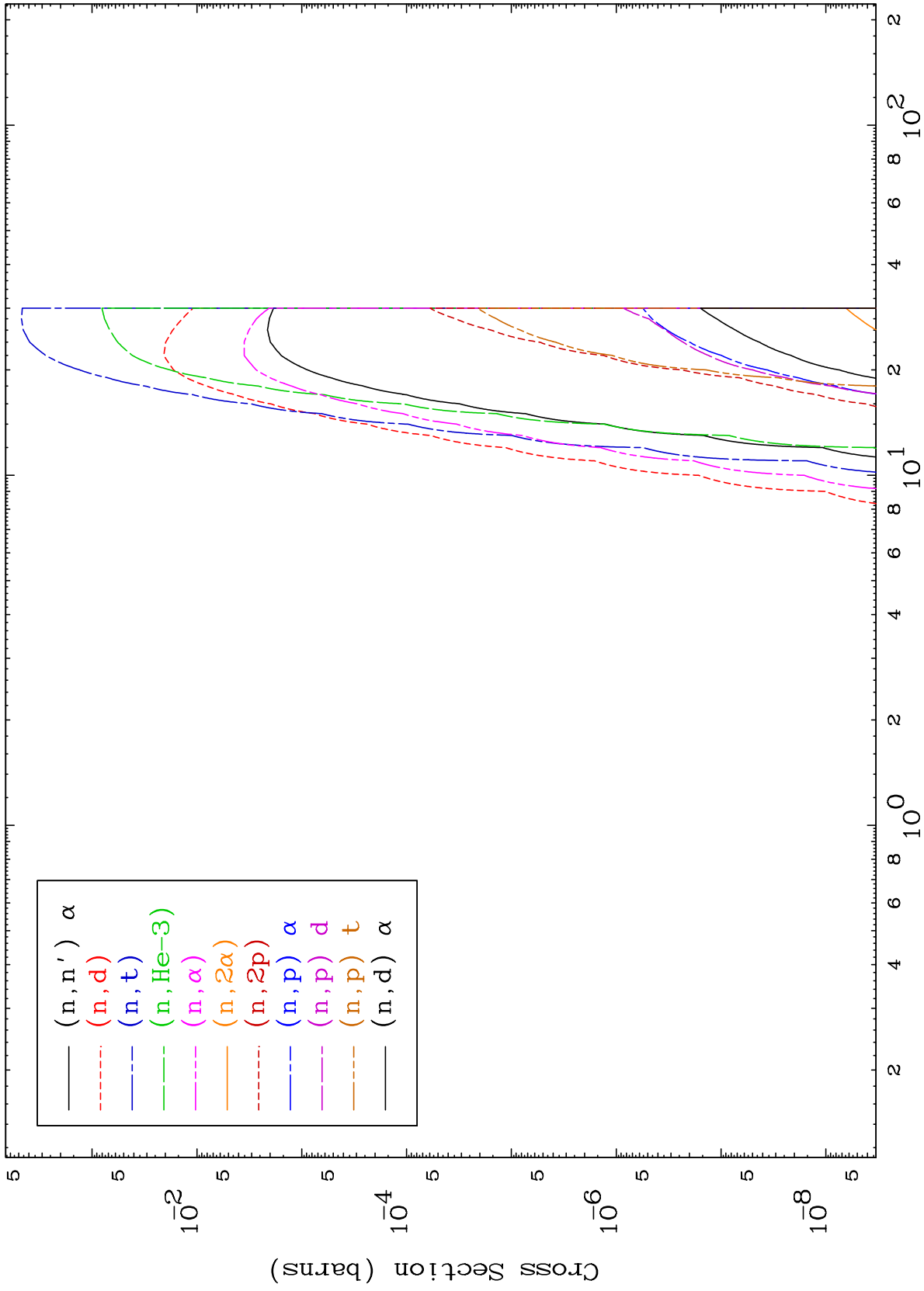




MAT 7034

He-3 Charged Particle
0 Kelvin Cross Sections

70-Yb-171



6

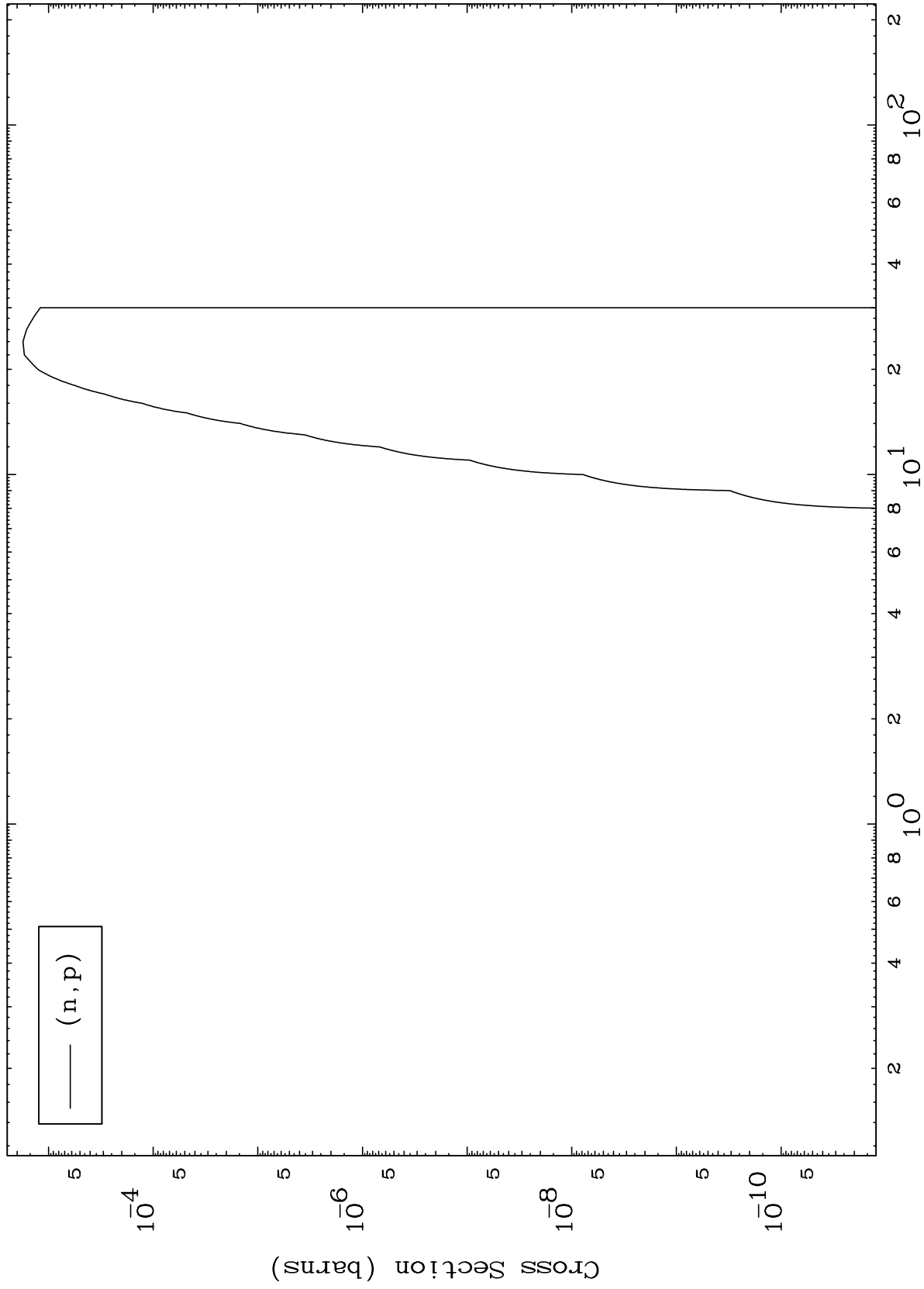
Incident Energy (MeV)

70-Yb-171

MAT 7034

(He-3,p) Levels
0 Kelvin Cross Sections

70-Yb-171



7

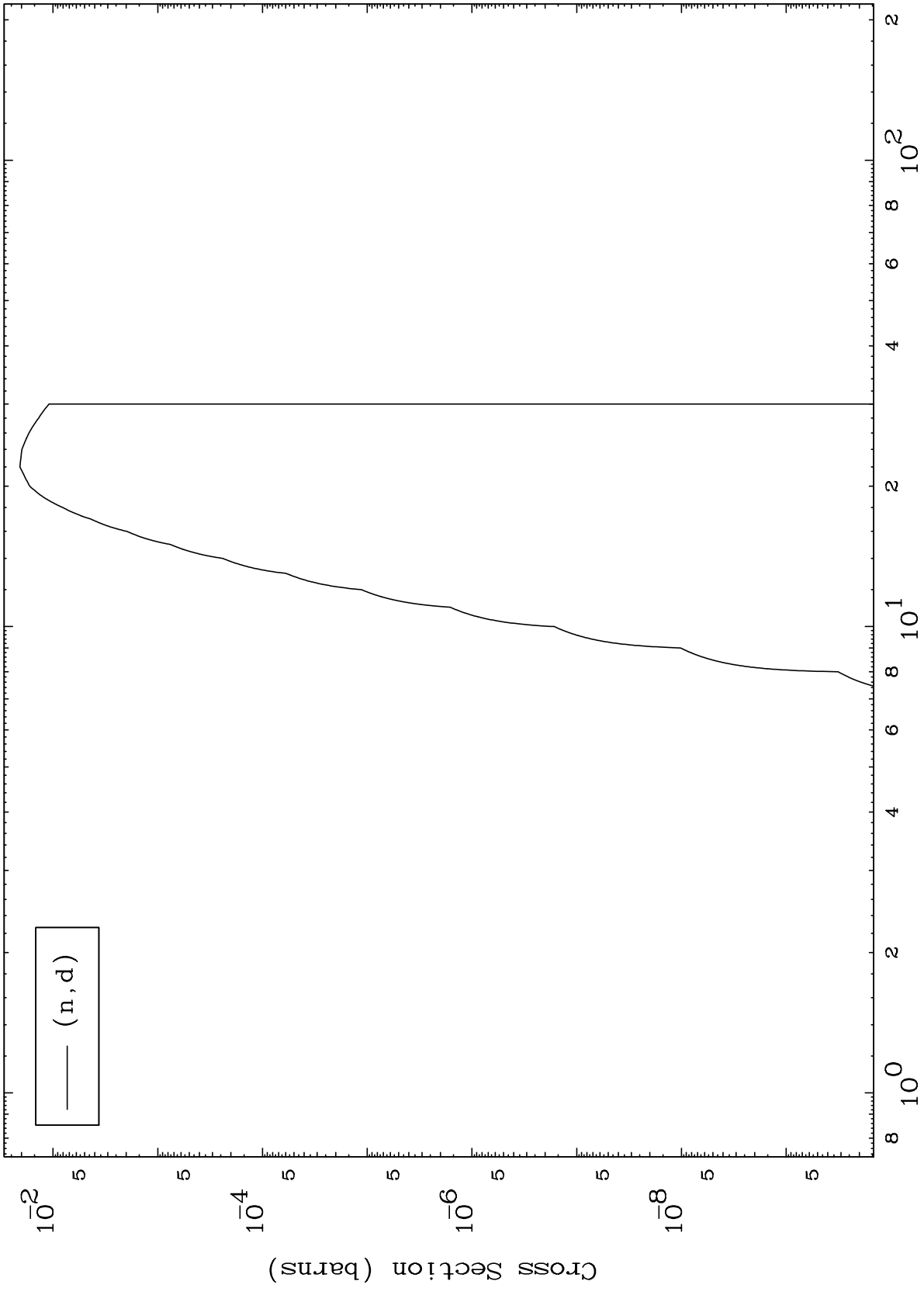
Incident Energy (MeV)

70-Yb-171

MAT 7034

(He-3,d) Levels
0 Kelvin Cross Sections

70-Yb-171



8

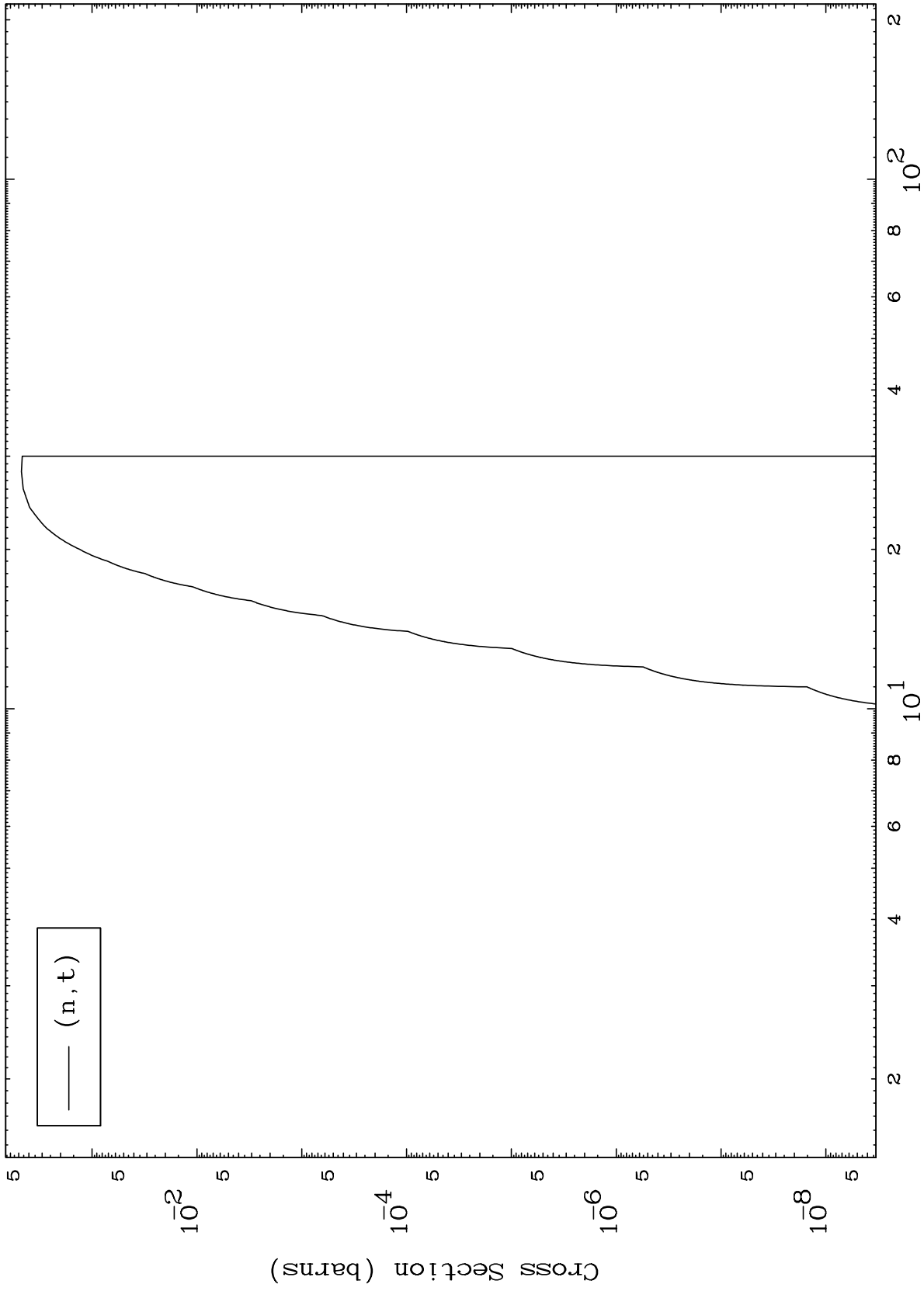
Incident Energy (MeV)

70-Yb-171

MAT 7034

(He-3,t) Levels
0 Kelvin Cross Sections

70-Yb-171



9

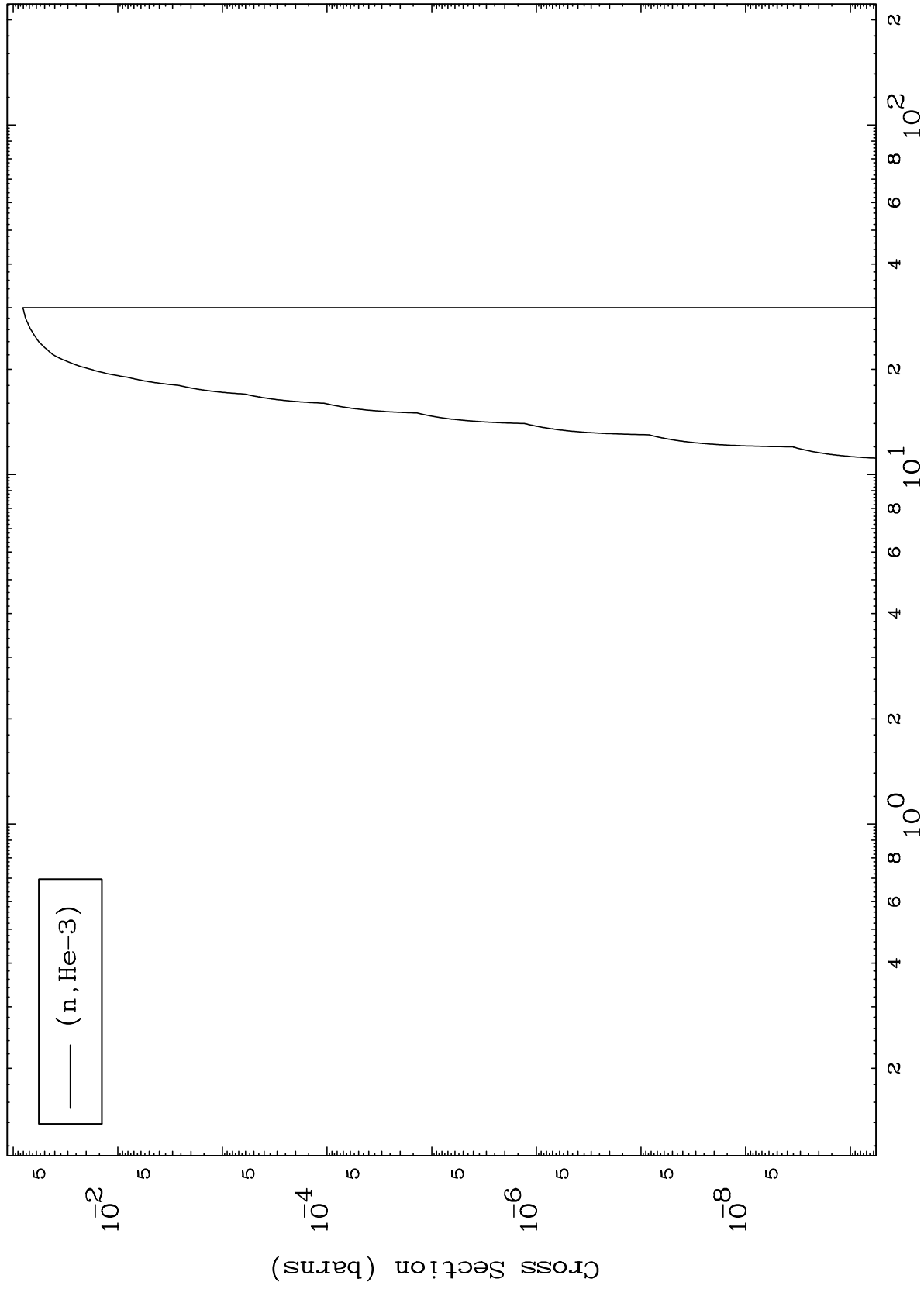
Incident Energy (MeV)

70-Yb-171

MAT 7034

(He-3, He3) Levels
0 Kelvin Cross Sections

70-Yb-171



10

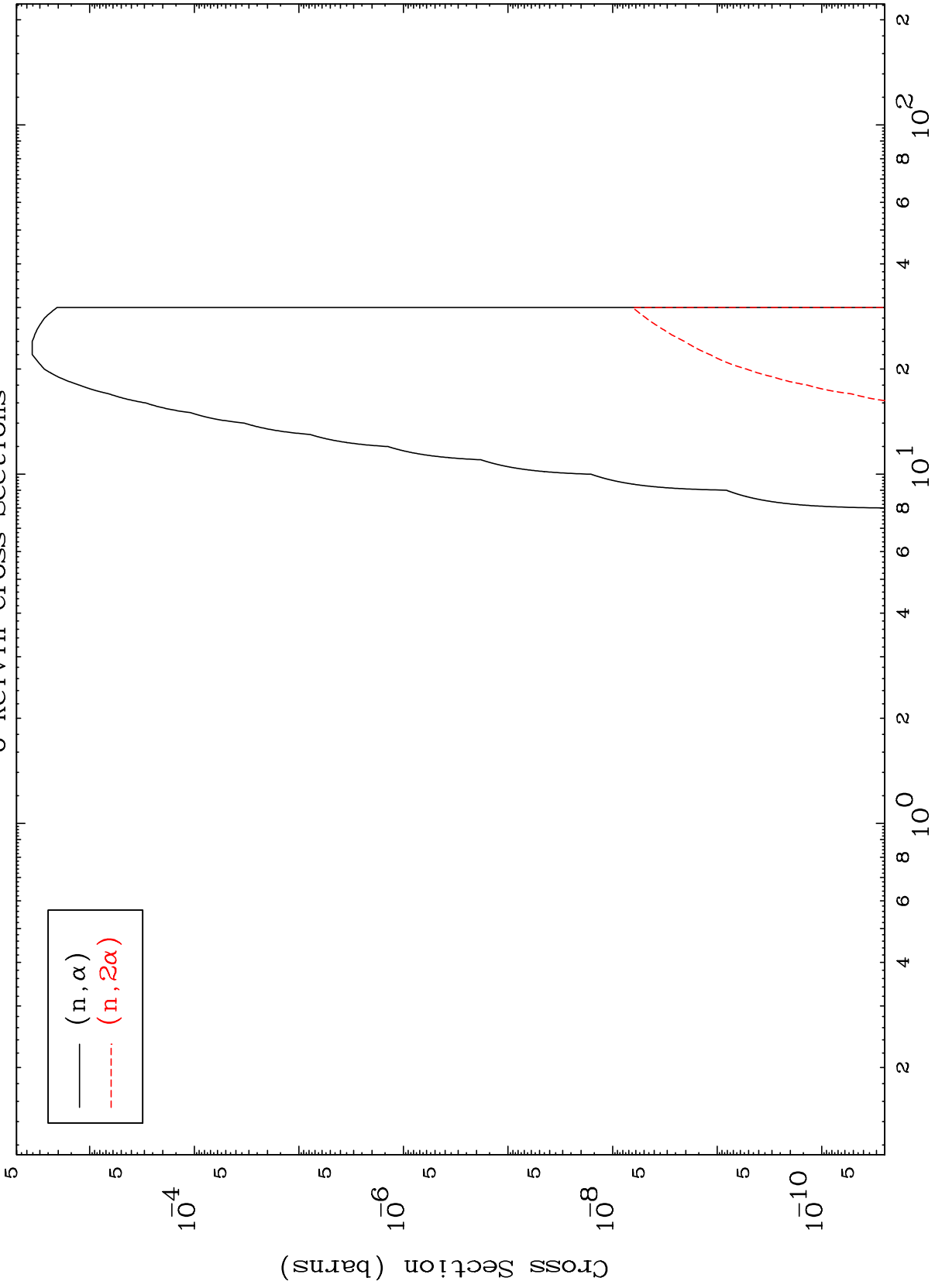
Incident Energy (MeV)

70-Yb-171

MAT 7034

(He-3, α) Levels
0 Kelvin Cross Sections

70-Yb-171



11

Incident Energy (MeV)

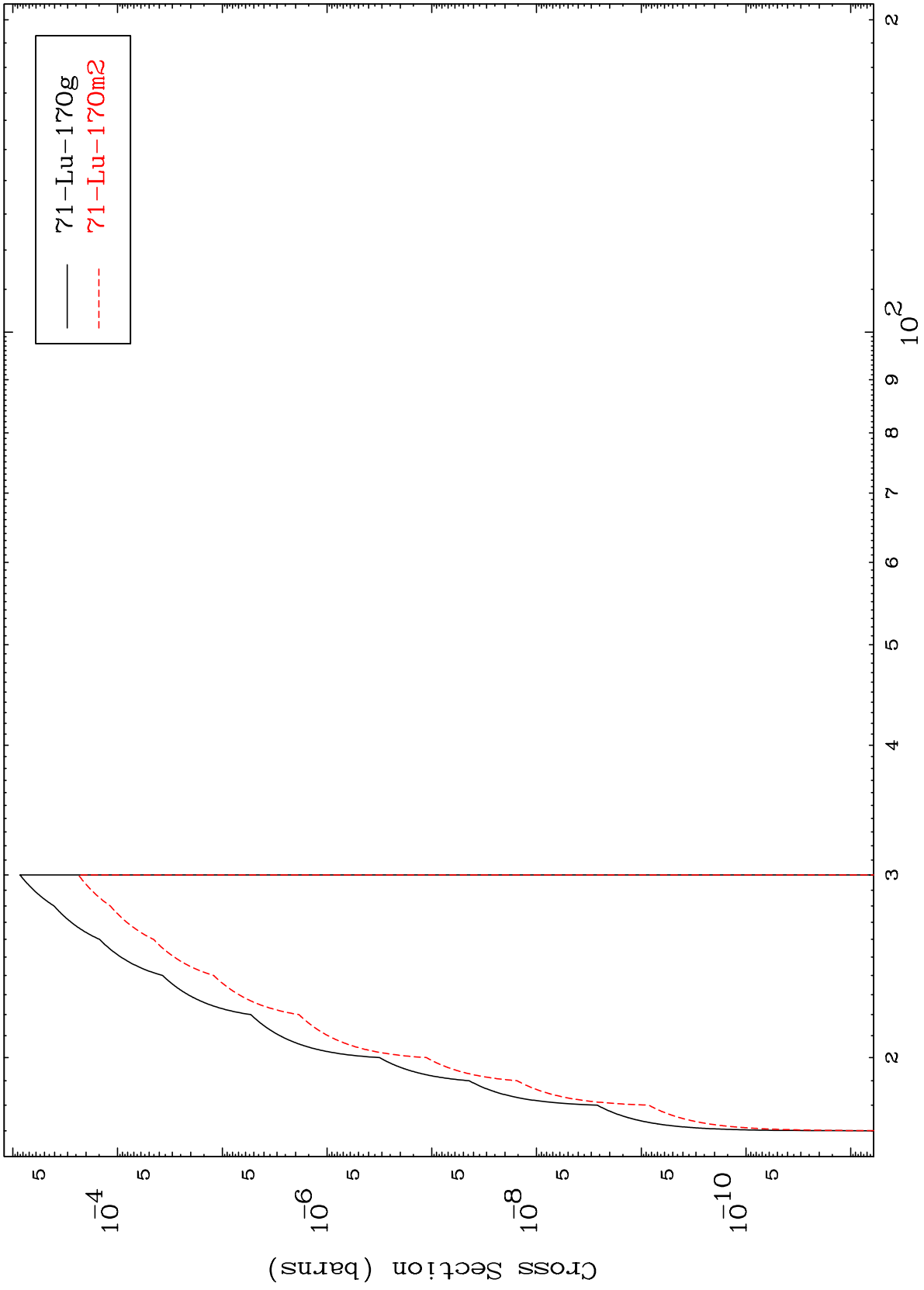
70-Yb-171

MAT 7034

(n,2n) d

70-Yb-171

Radionuclide Production Cross Section



12

Incident Energy (MeV)

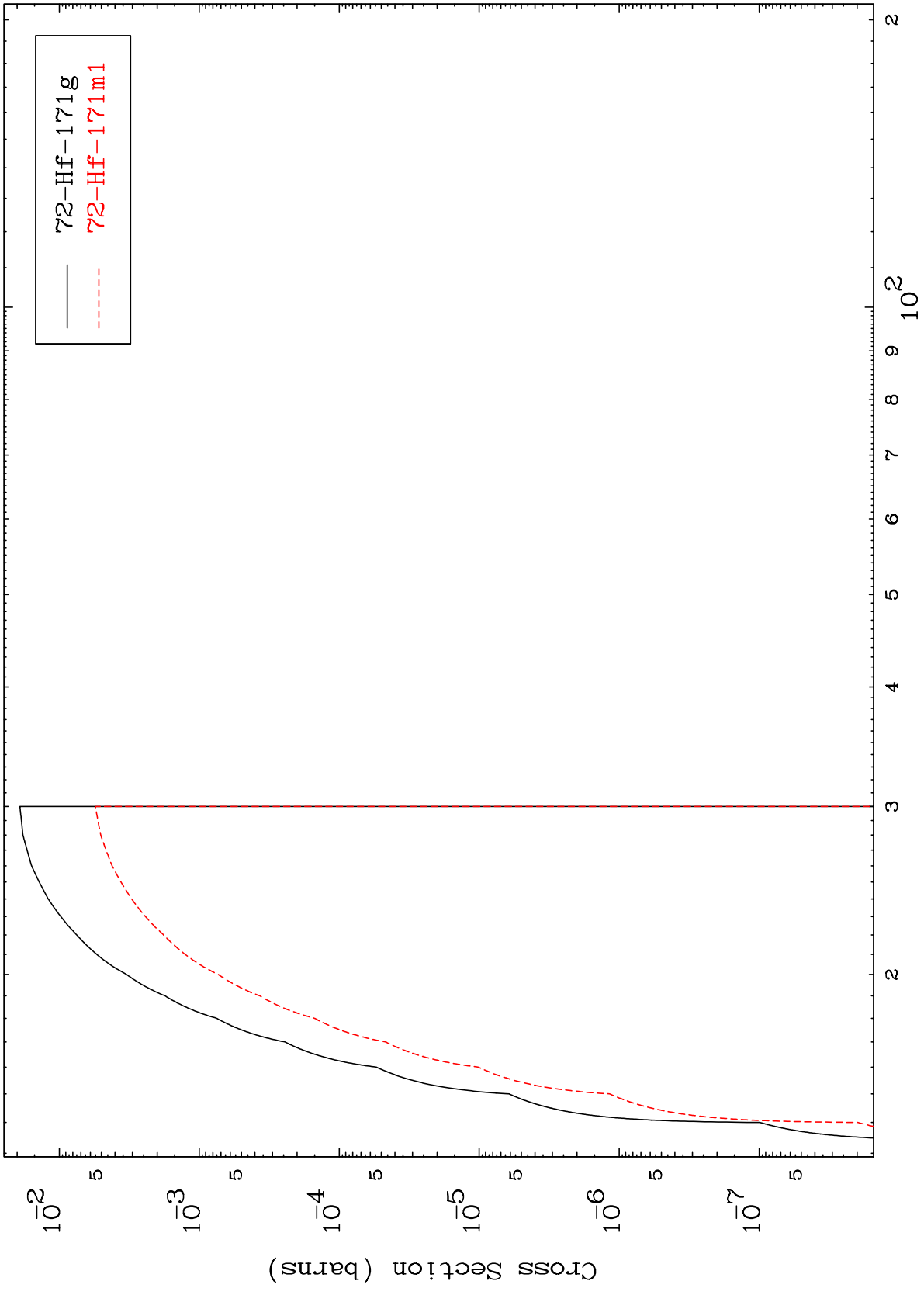
70-Yb-171

MAT 7034

(n,3n)

70-Yb-171

Radionuclide Production Cross Section



72-Hf-171g
72-Hf-171m1

13

Incident Energy (MeV)

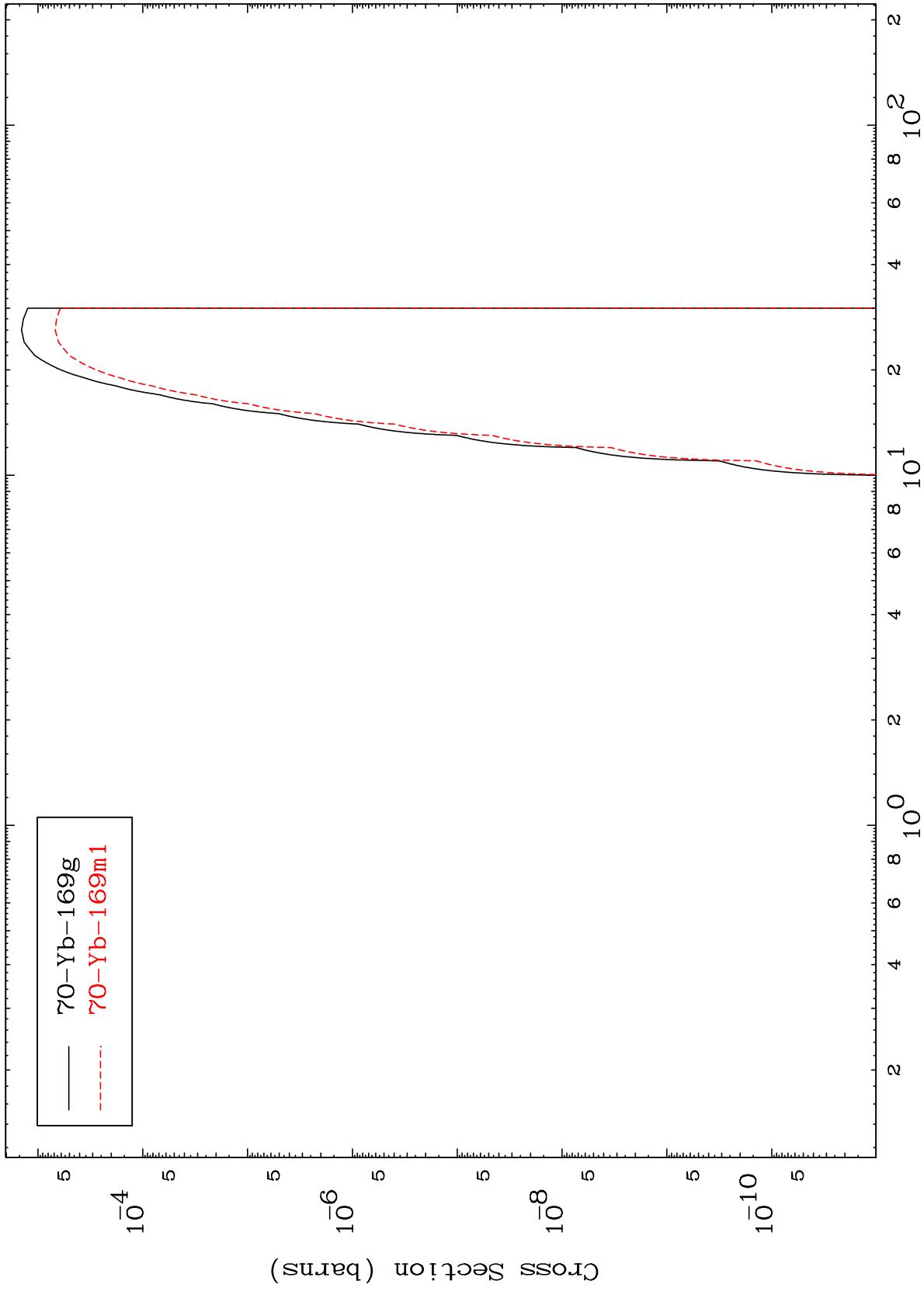
70-Yb-171

MAT 7034

$(n, n') \alpha$

$^{70}\text{Yb}-171$

Radionuclide Production Cross Section

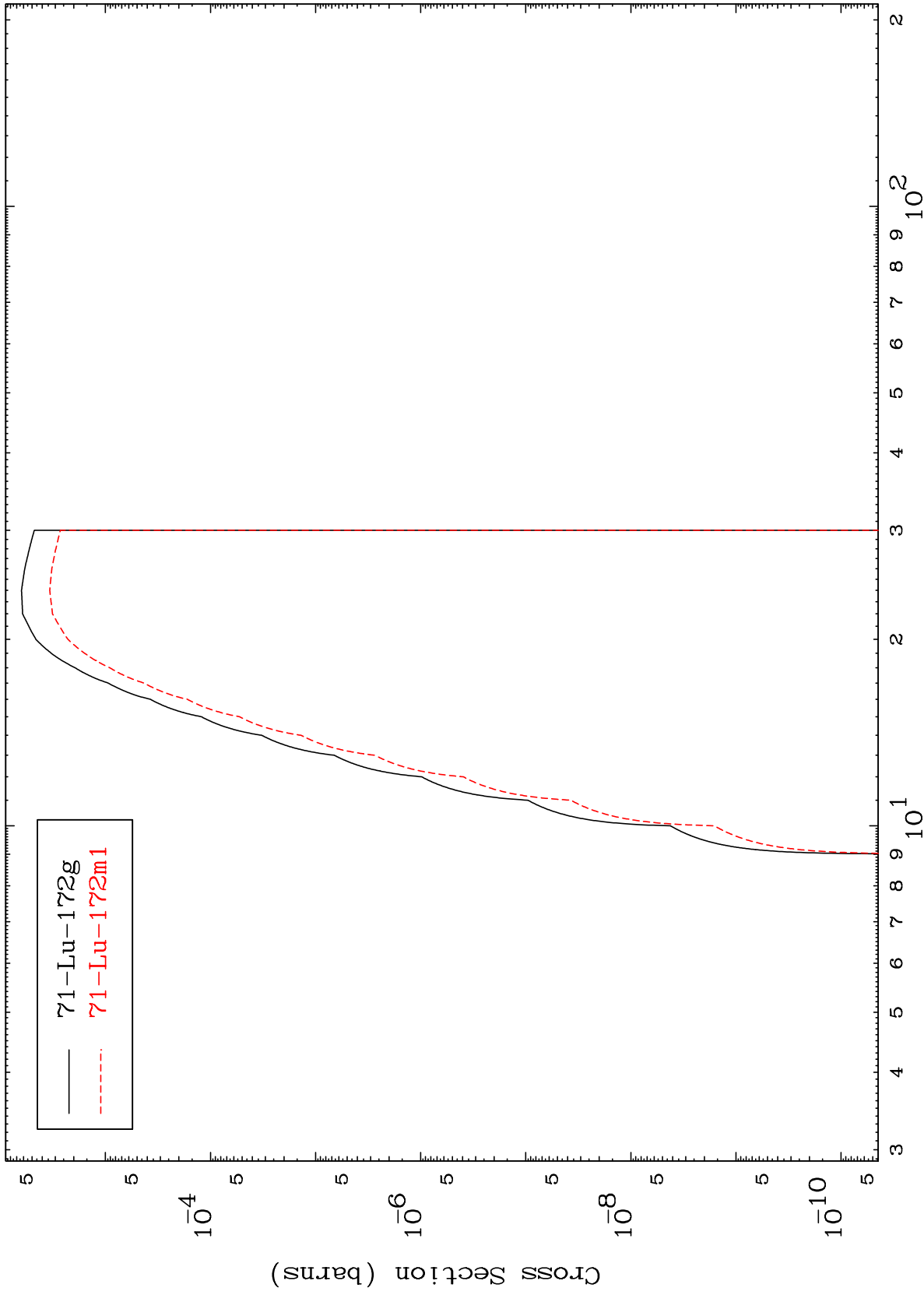


MAT 7034

(n,n') p

70-Yb-171

Radionuclide Production Cross Section



15

Incident Energy (MeV)

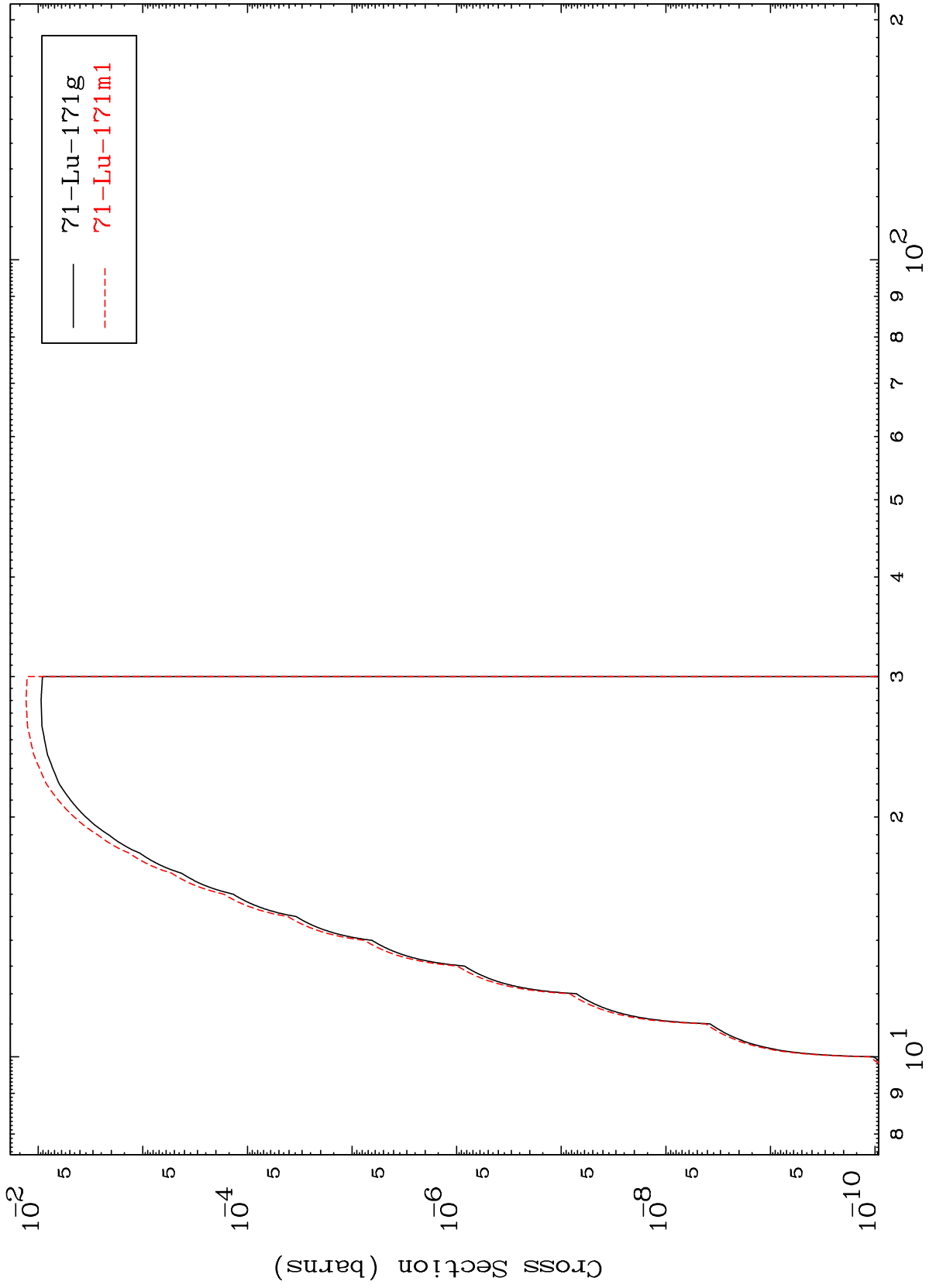
70-Yb-171

MAT 7034

(n,n') d

70-Yb-171

Radionuclide Production Cross Section



16

Incident Energy (MeV)

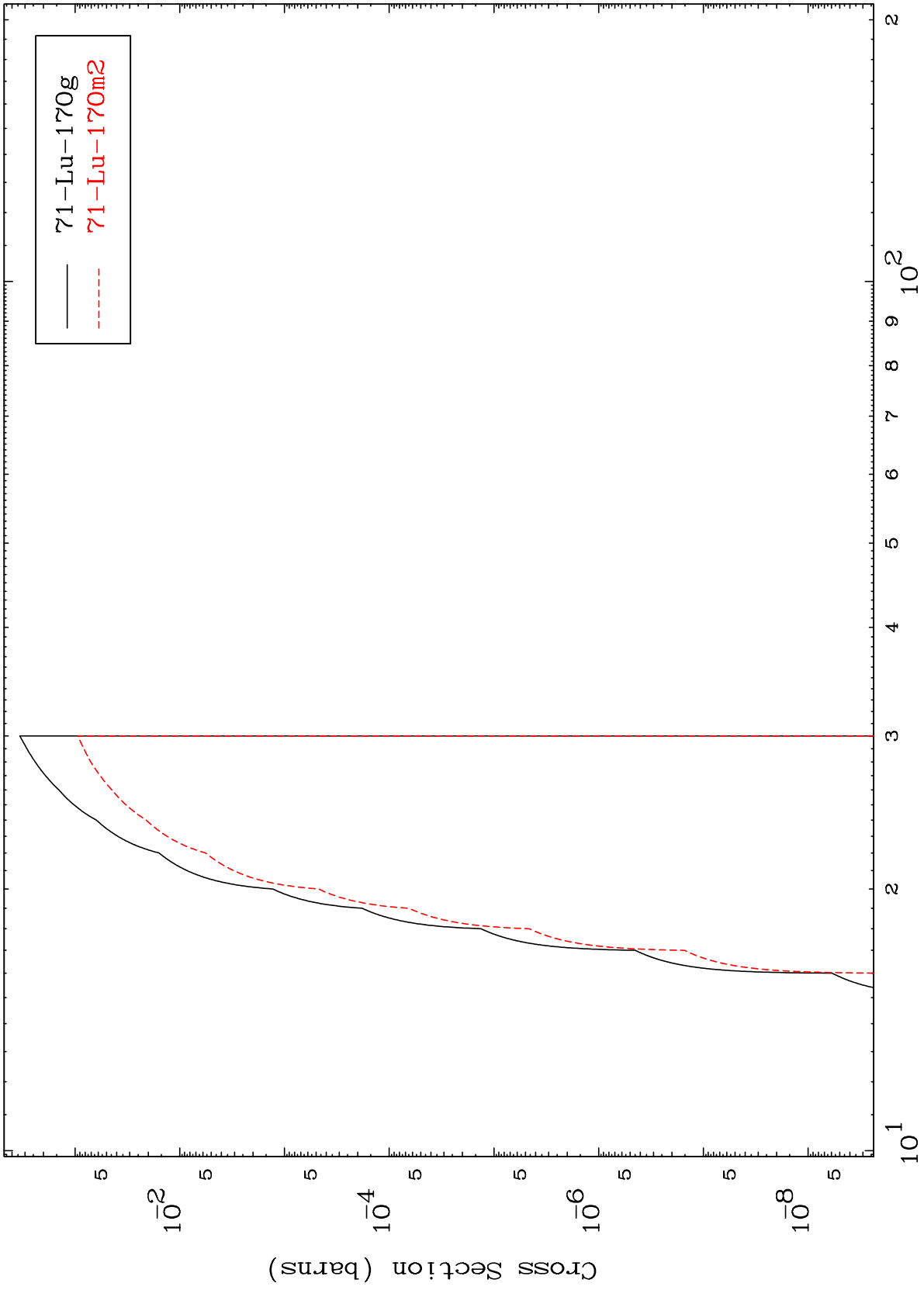
70-Yb-171

MAT 7034

(n,n') t

70-Yb-171

Radionuclide Production Cross Section



17

Incident Energy (MeV)

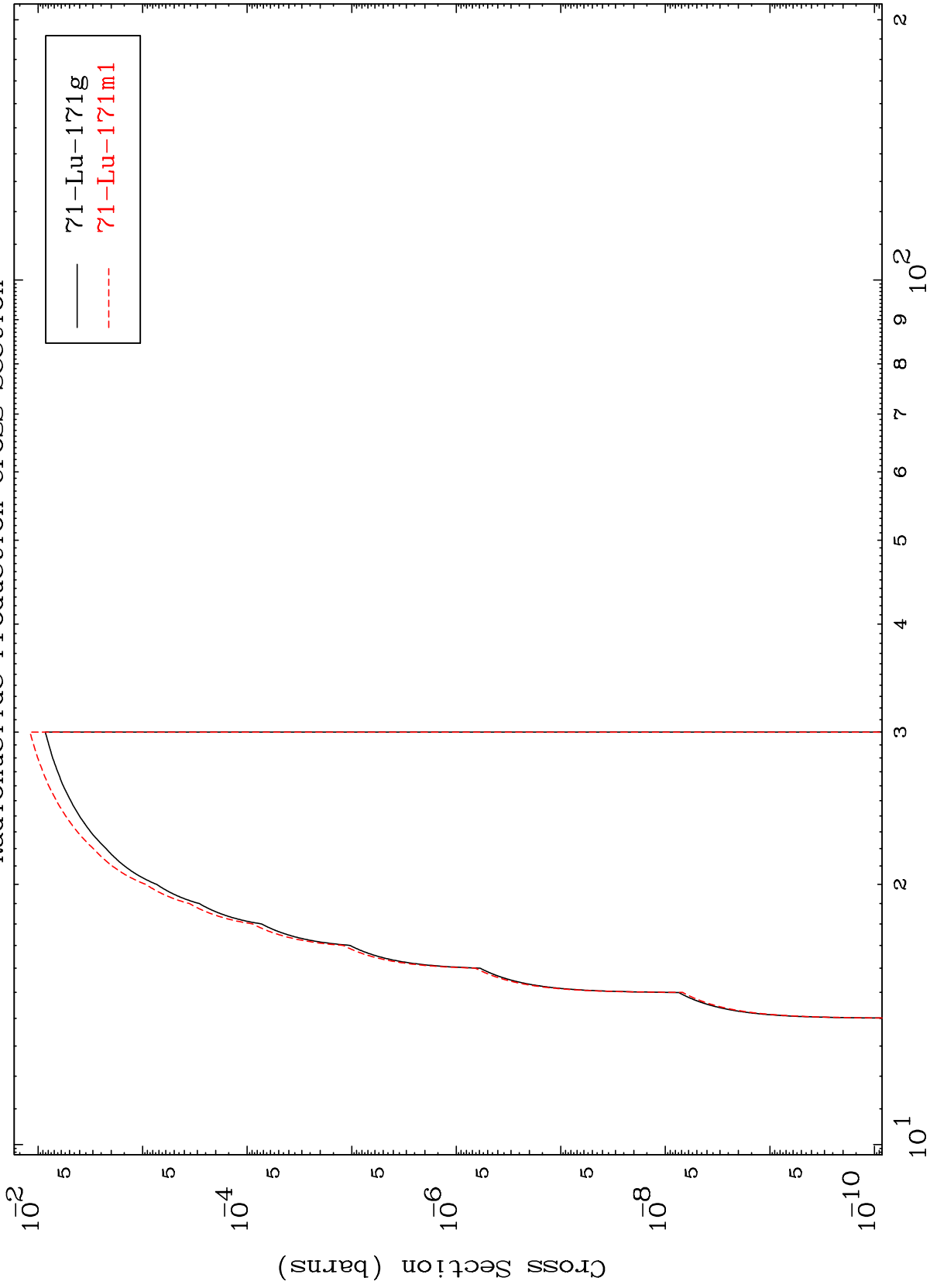
70-Yb-171

MAT 7034

(n,2n) p

70-Yb-171

Radionuclide Production Cross Section



Incident Energy (MeV)

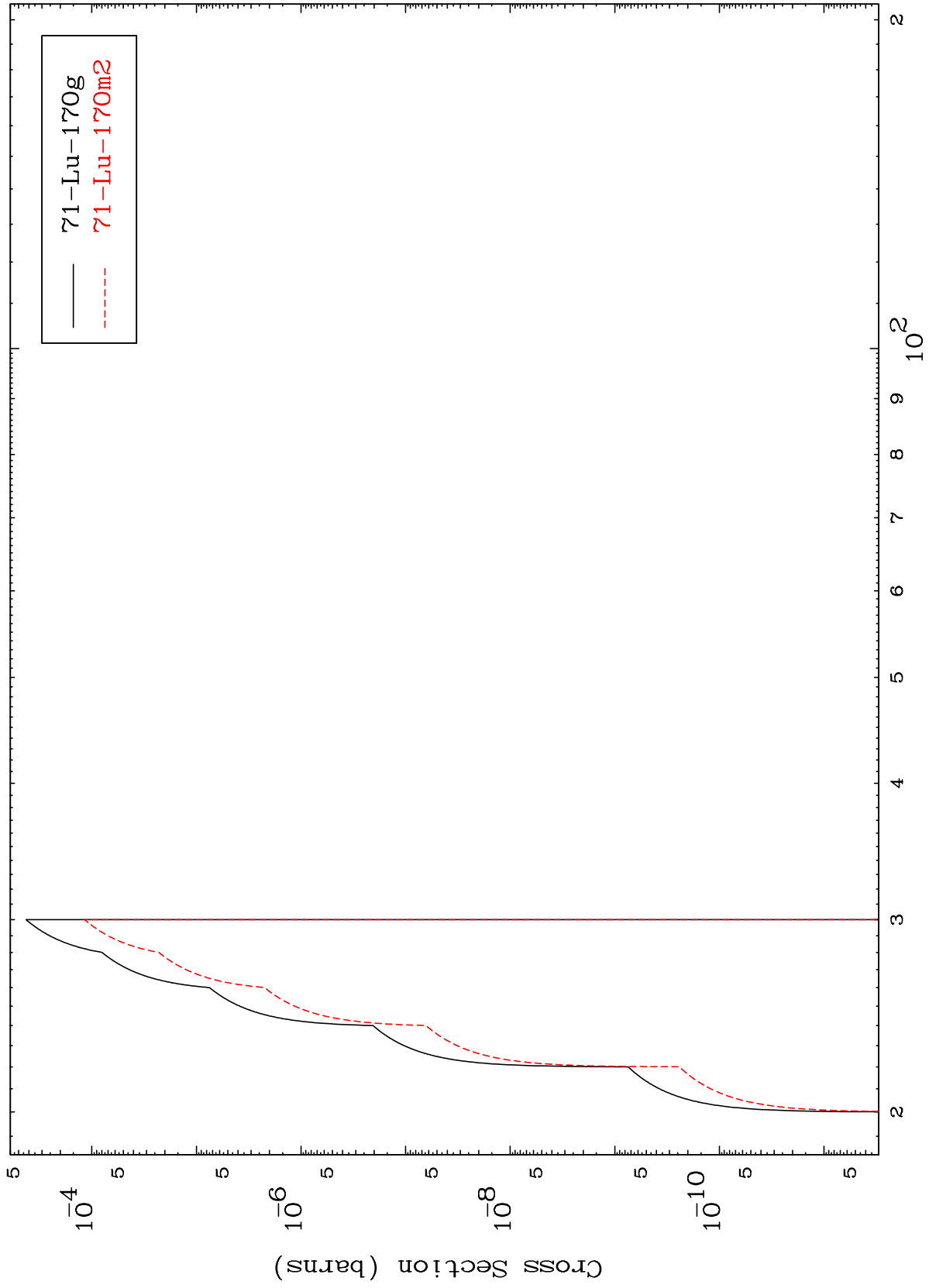
70-Yb-171

MAT 7034

(n,3n) p

70-Yb-171

Radionuclide Production Cross Section



19

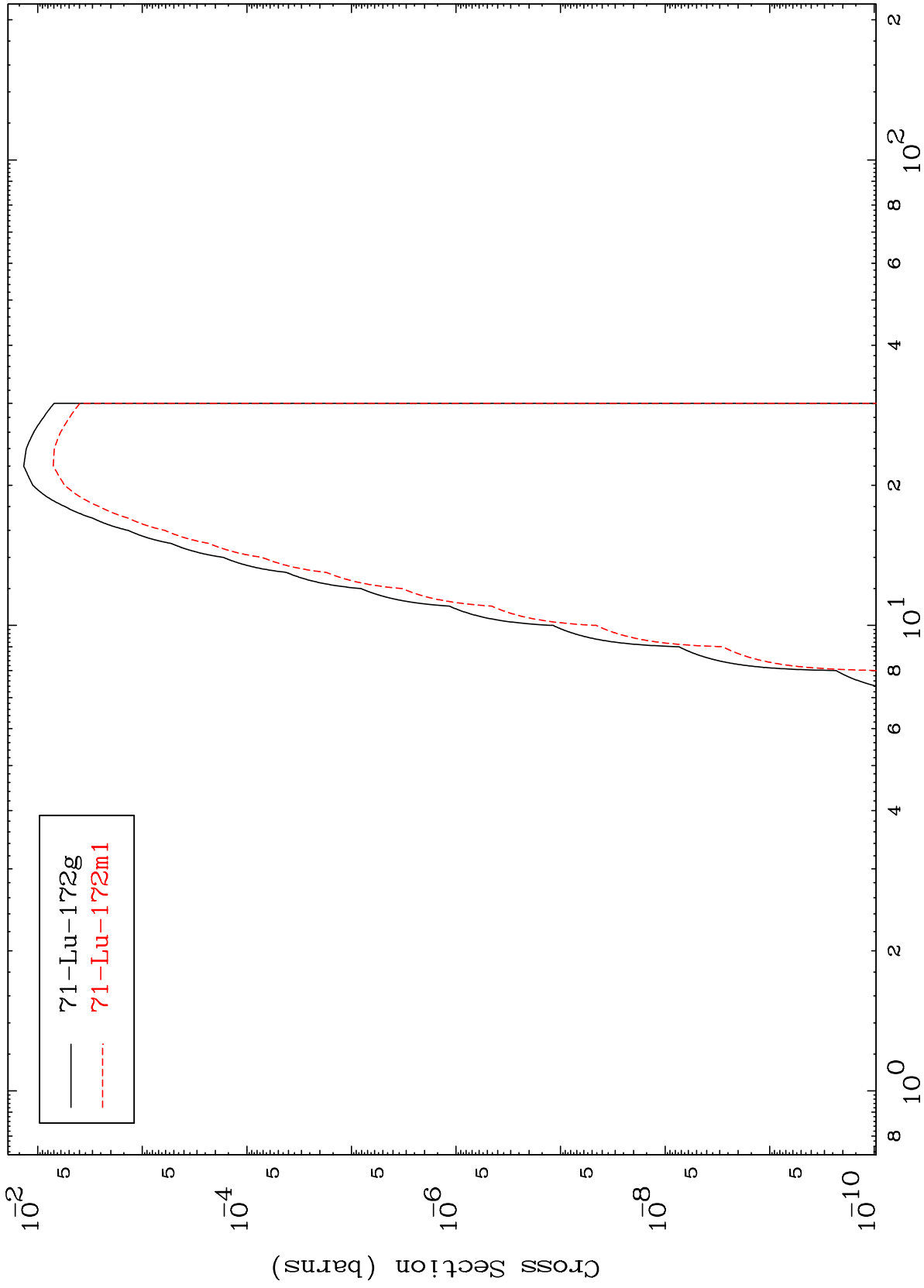
Incident Energy (MeV)

70-Yb-171

MAT 7034

(n,d)
Radionuclide Production Cross Section

70-Yb-171



20

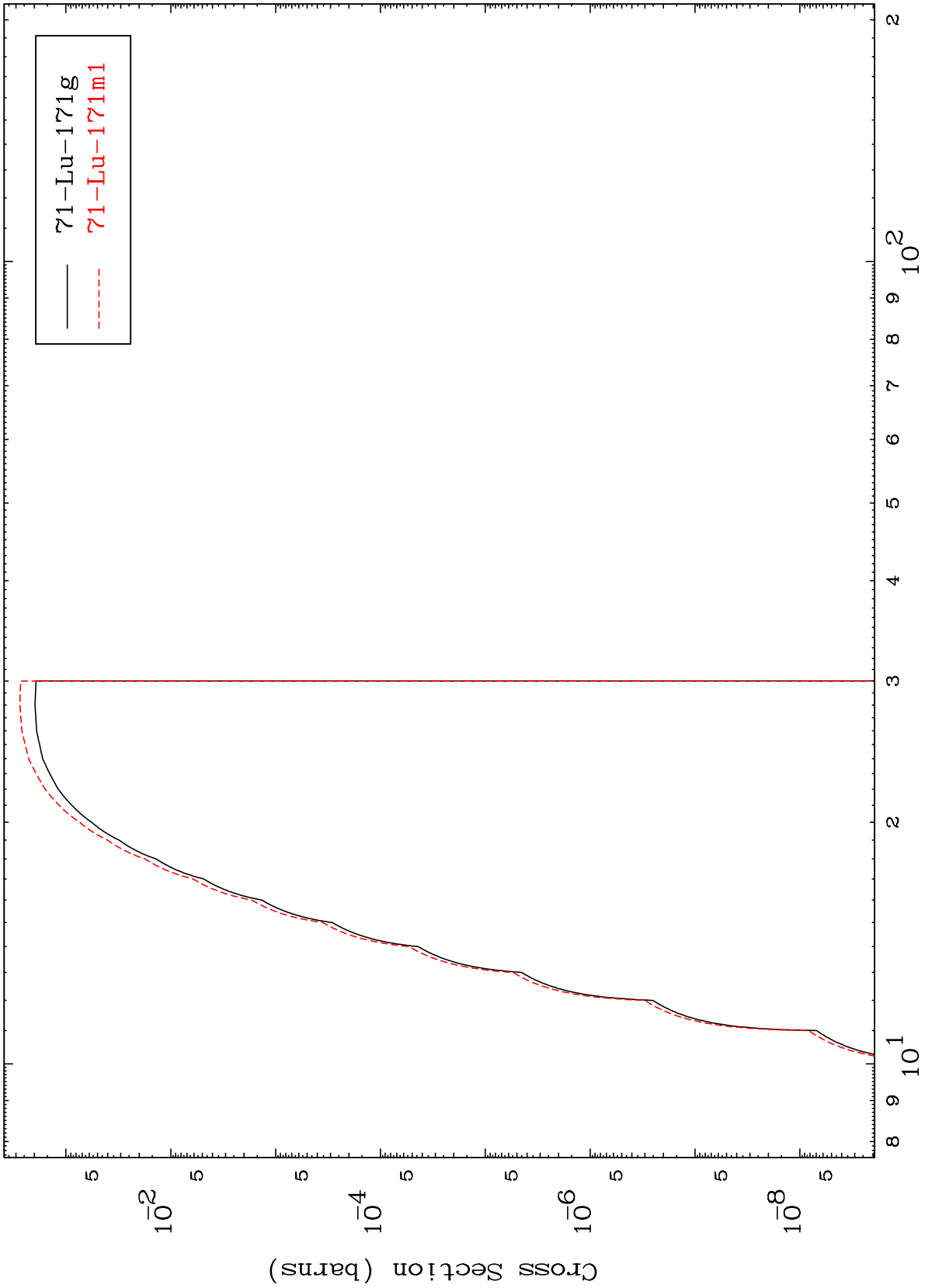
Incident Energy (MeV)

70-Yb-171

MAT 7034

70-Yb-171

(n, t)
Radionuclide Production Cross Section



21

70-Yb-171