

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

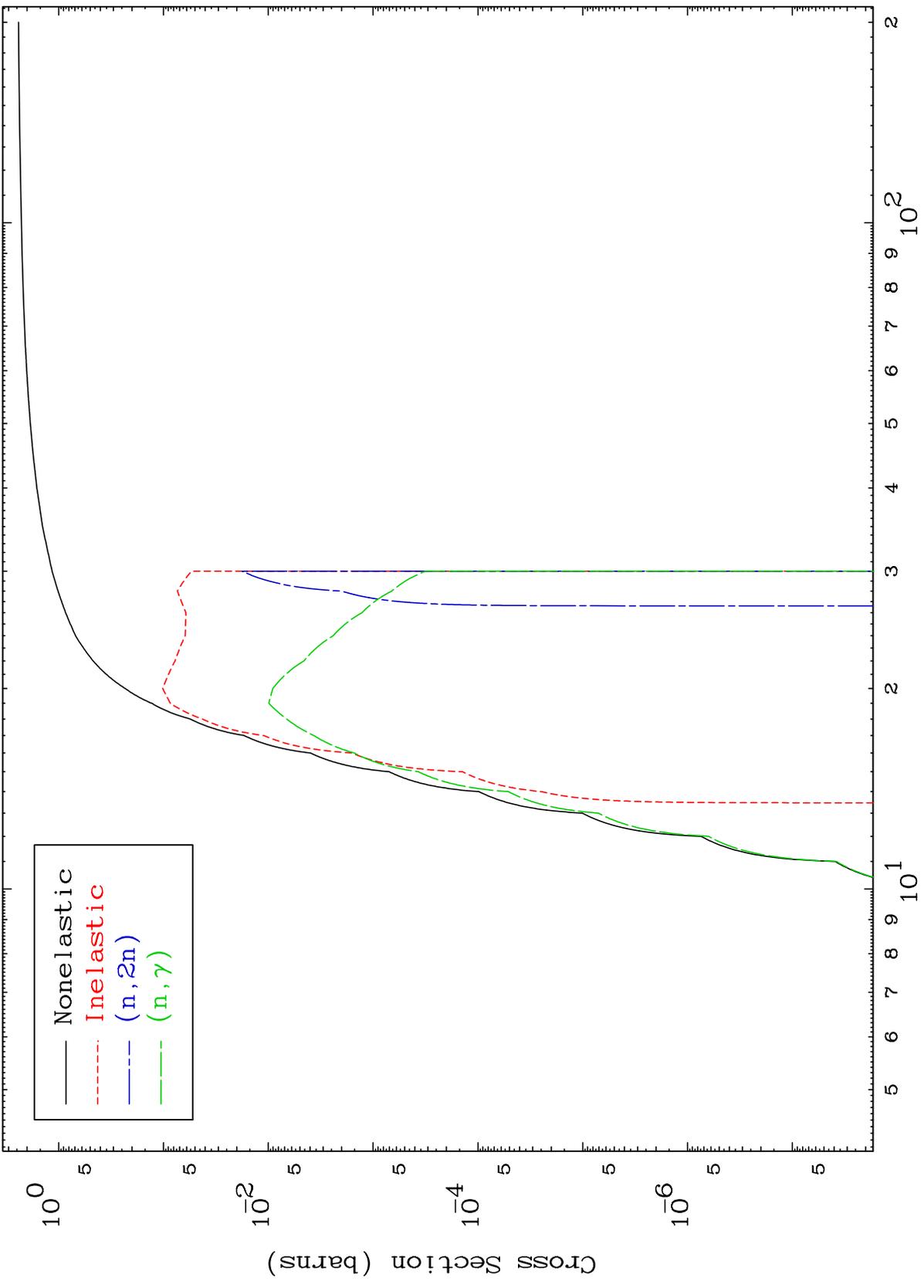
Press Mouse Button to Start

MAT 6786

α Major

68-Er-149

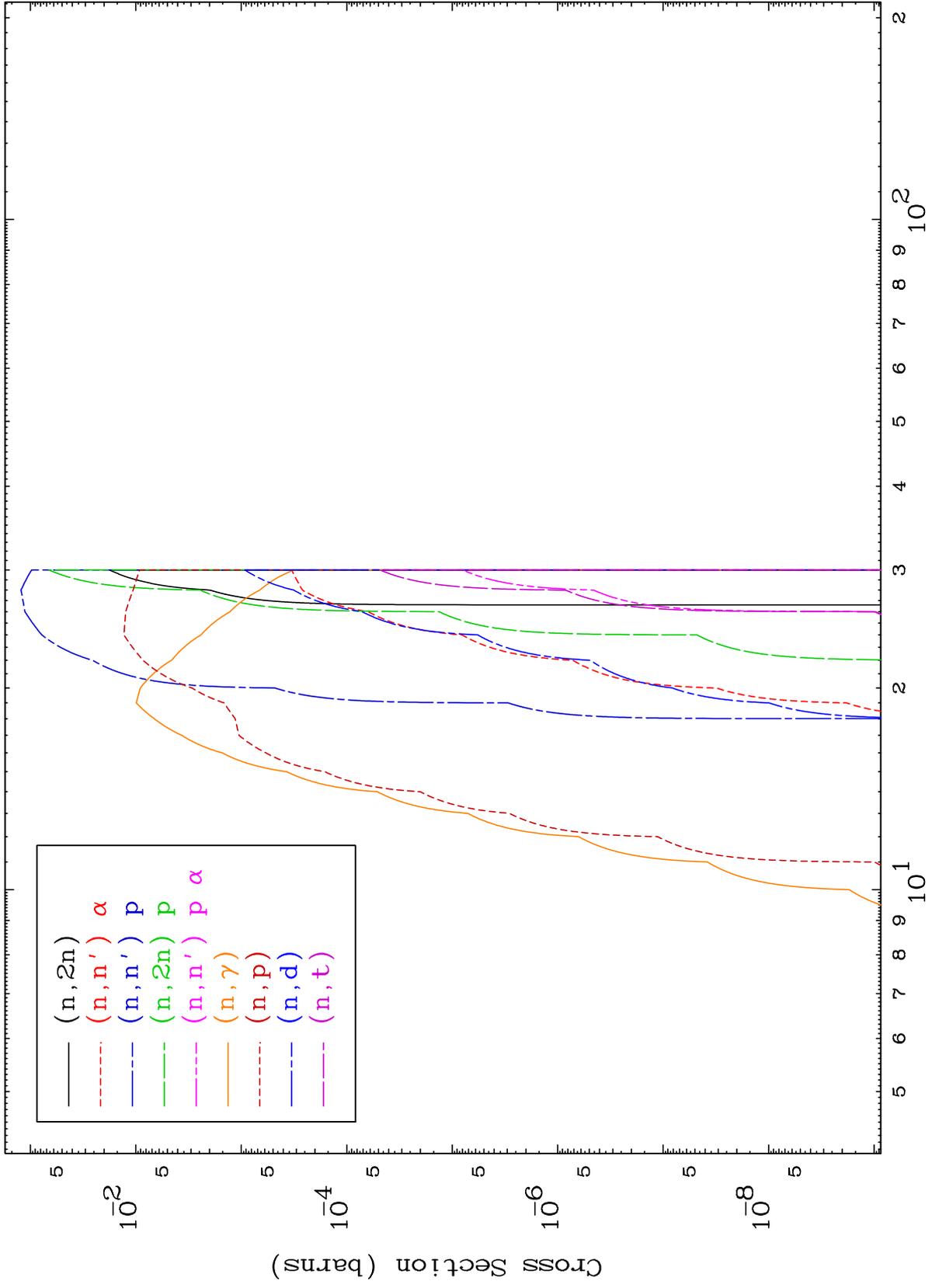
0 Kelvin Cross Sections



1

Incident Energy (MeV)

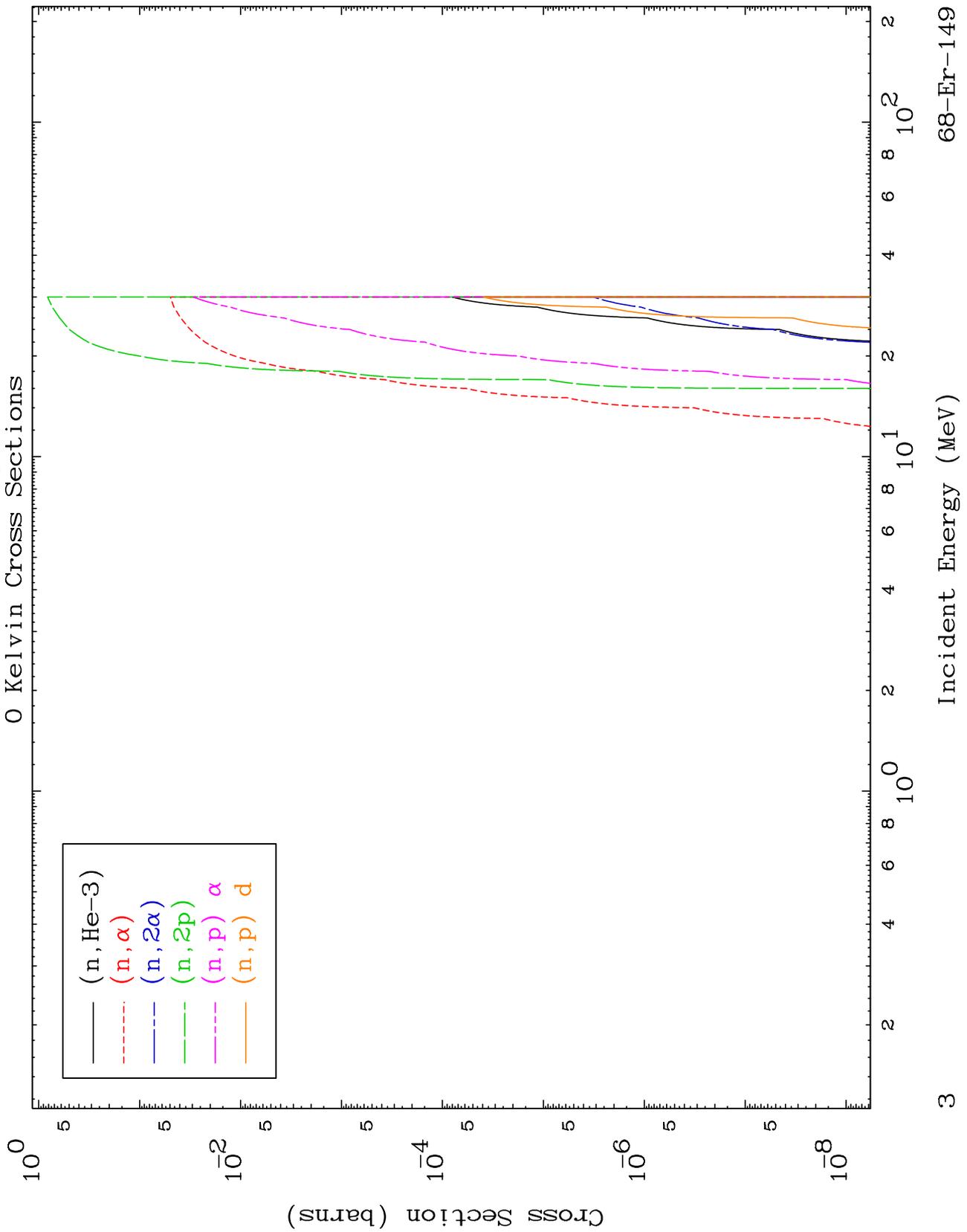
68-Er-149

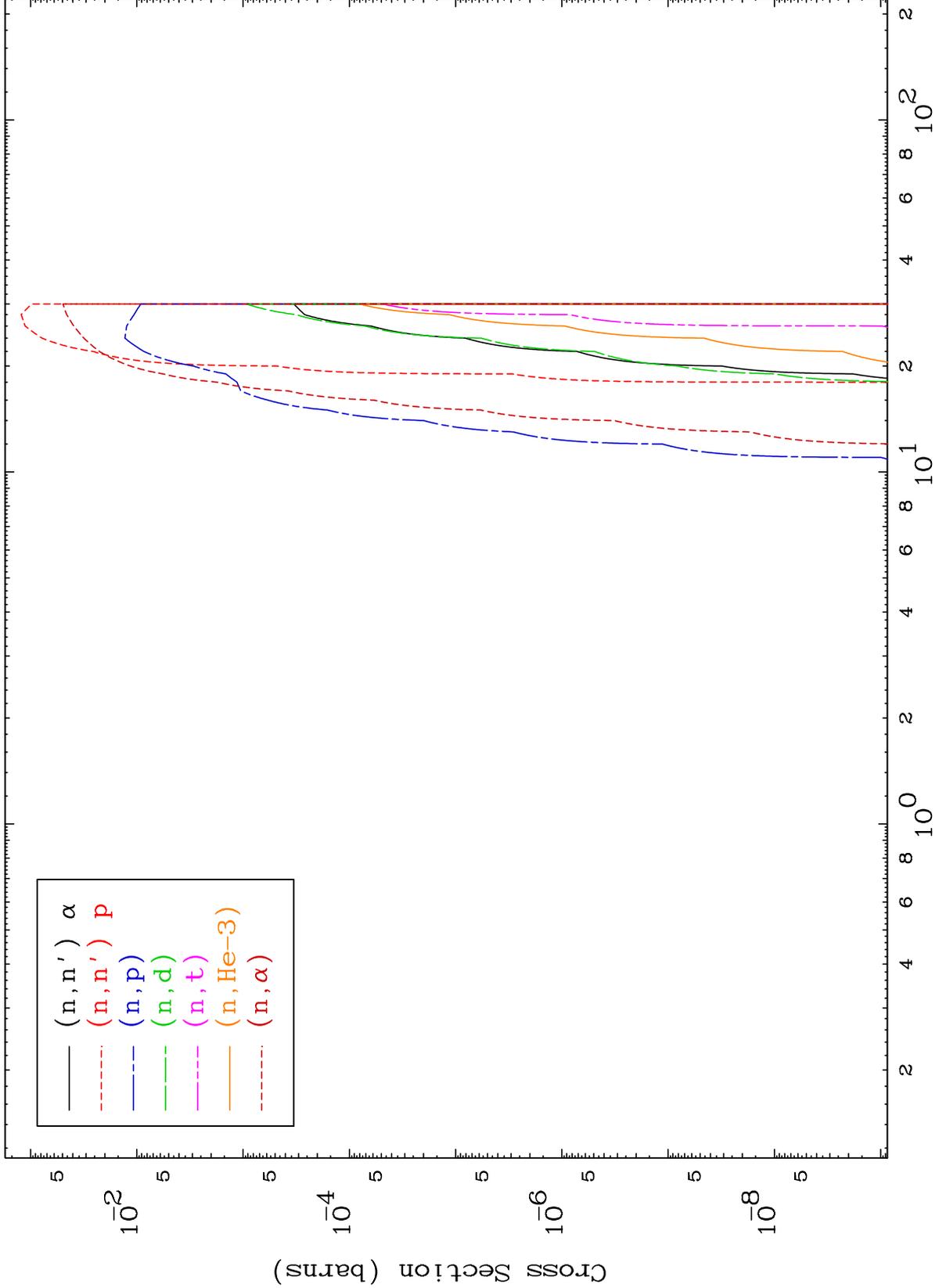


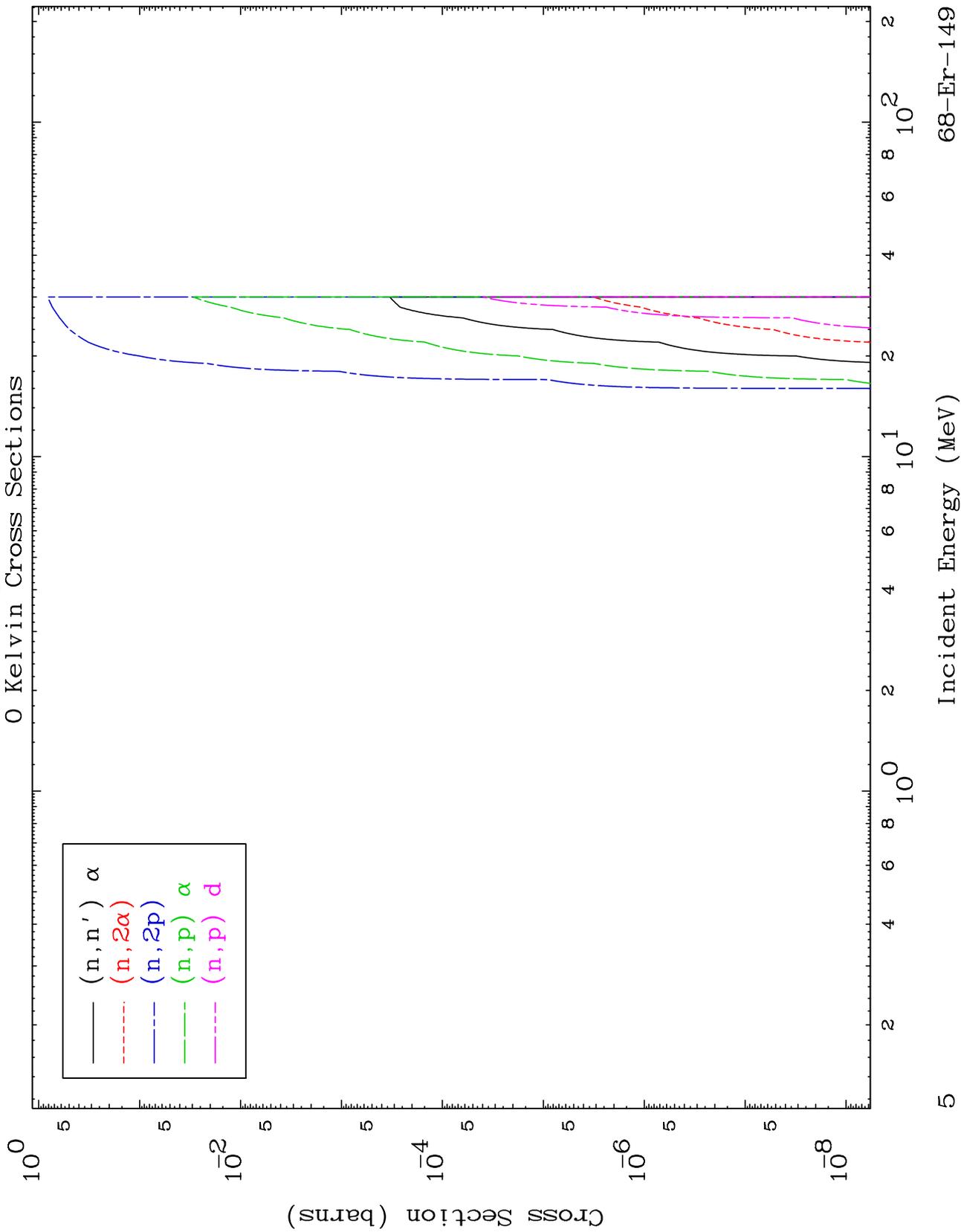
MAT 6786

α Neutron Absorption
0 Kelvin Cross Sections

68-Er-149





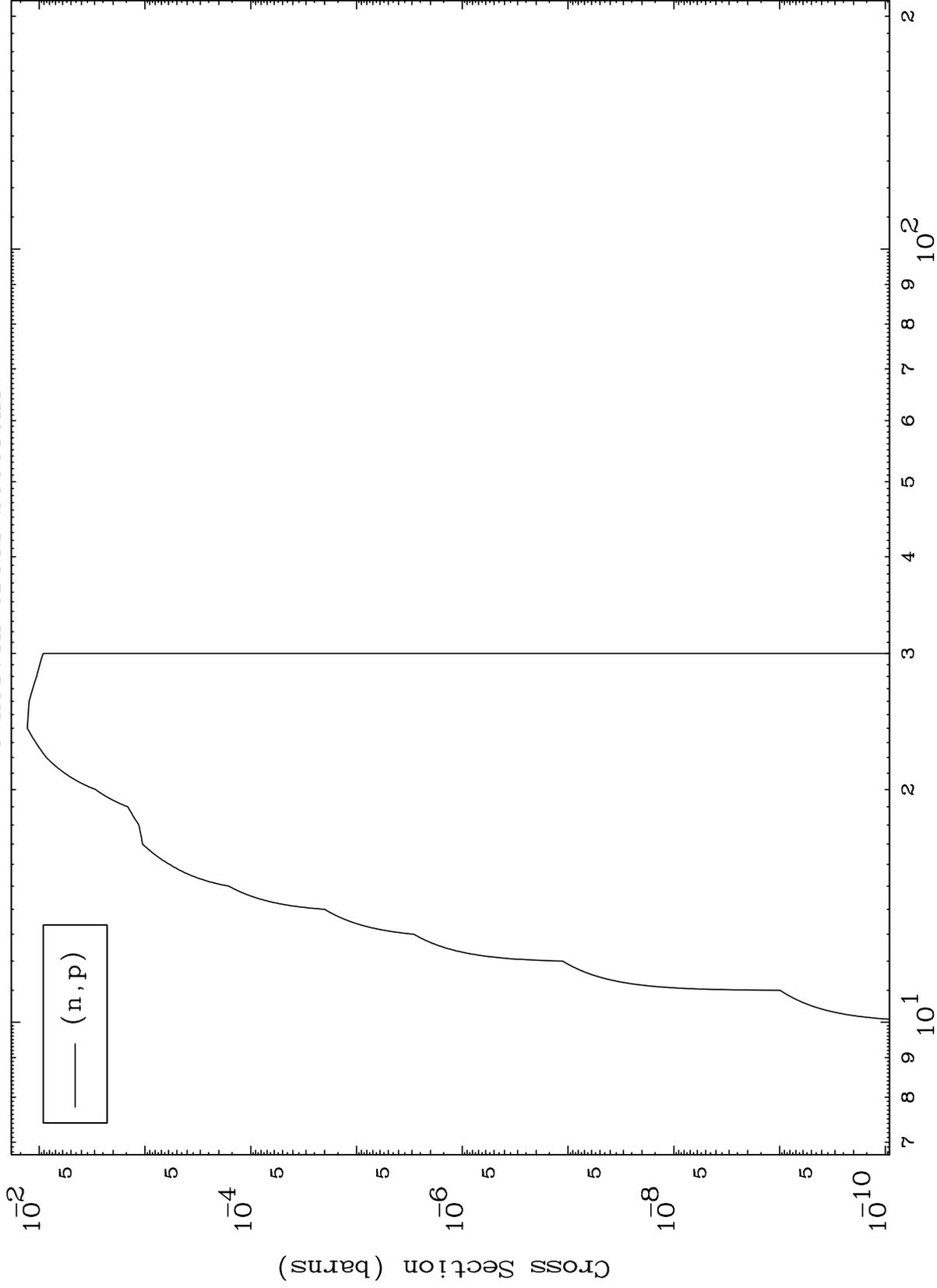


MAT 6786

(α, p) Levels

68-Er-149

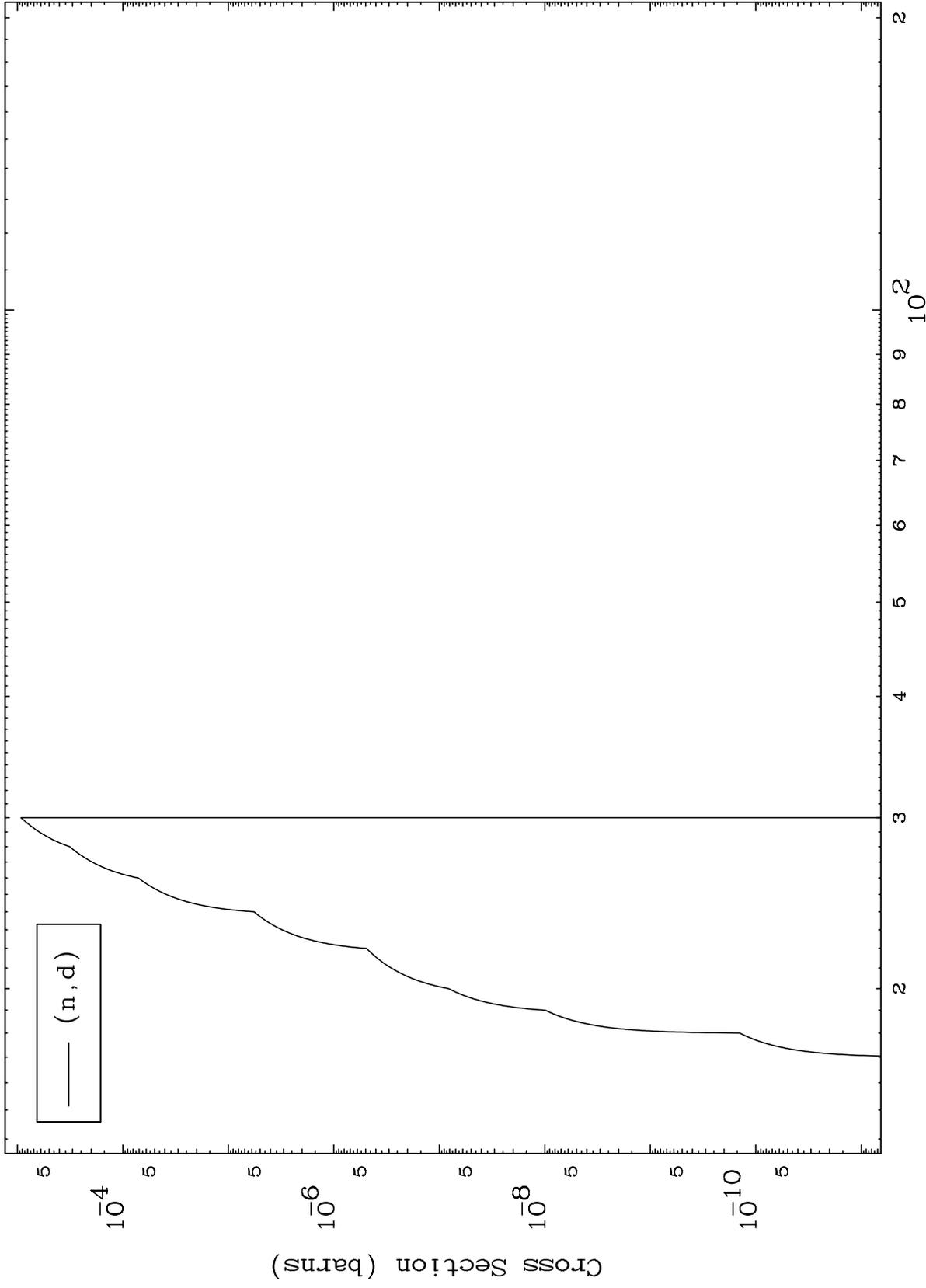
0 Kelvin Cross Sections



6

Incident Energy (MeV)

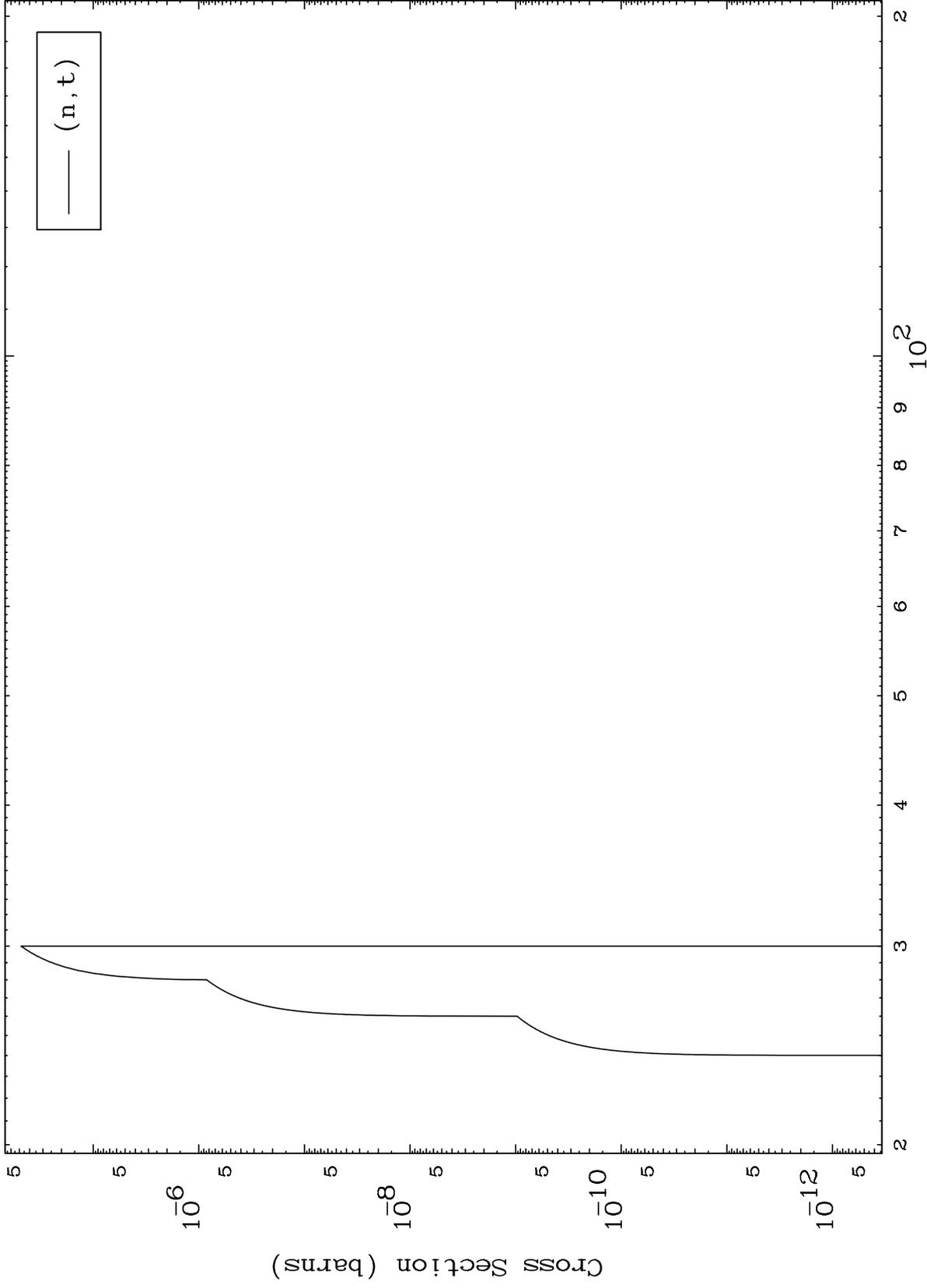
68-Er-149



MAT 6786

(α, t) Levels
0 Kelvin Cross Sections

68-Er-149



8

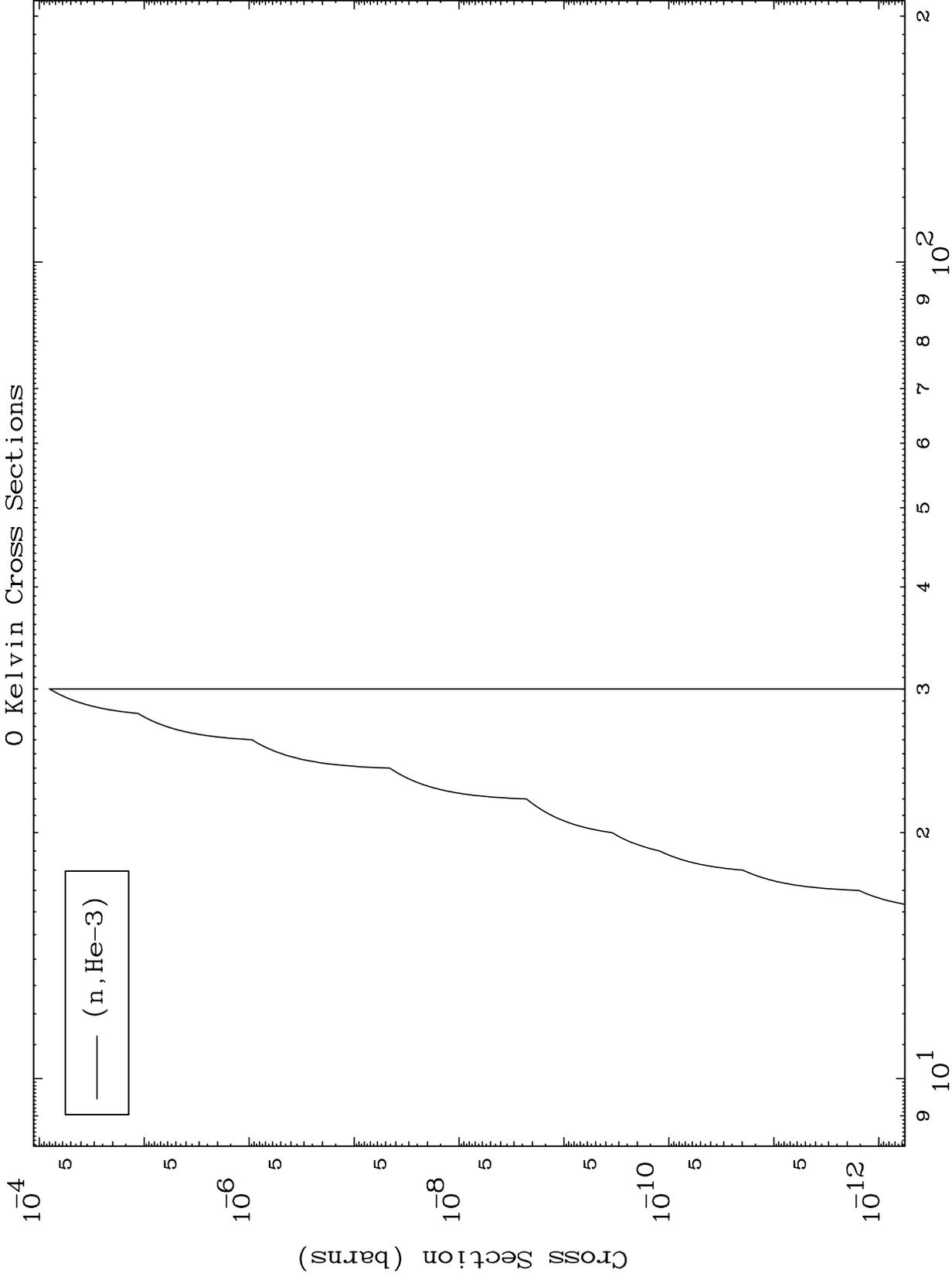
Incident Energy (MeV)

68-Er-149

MAT 6786

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

68-Er-149



9

Incident Energy (MeV)

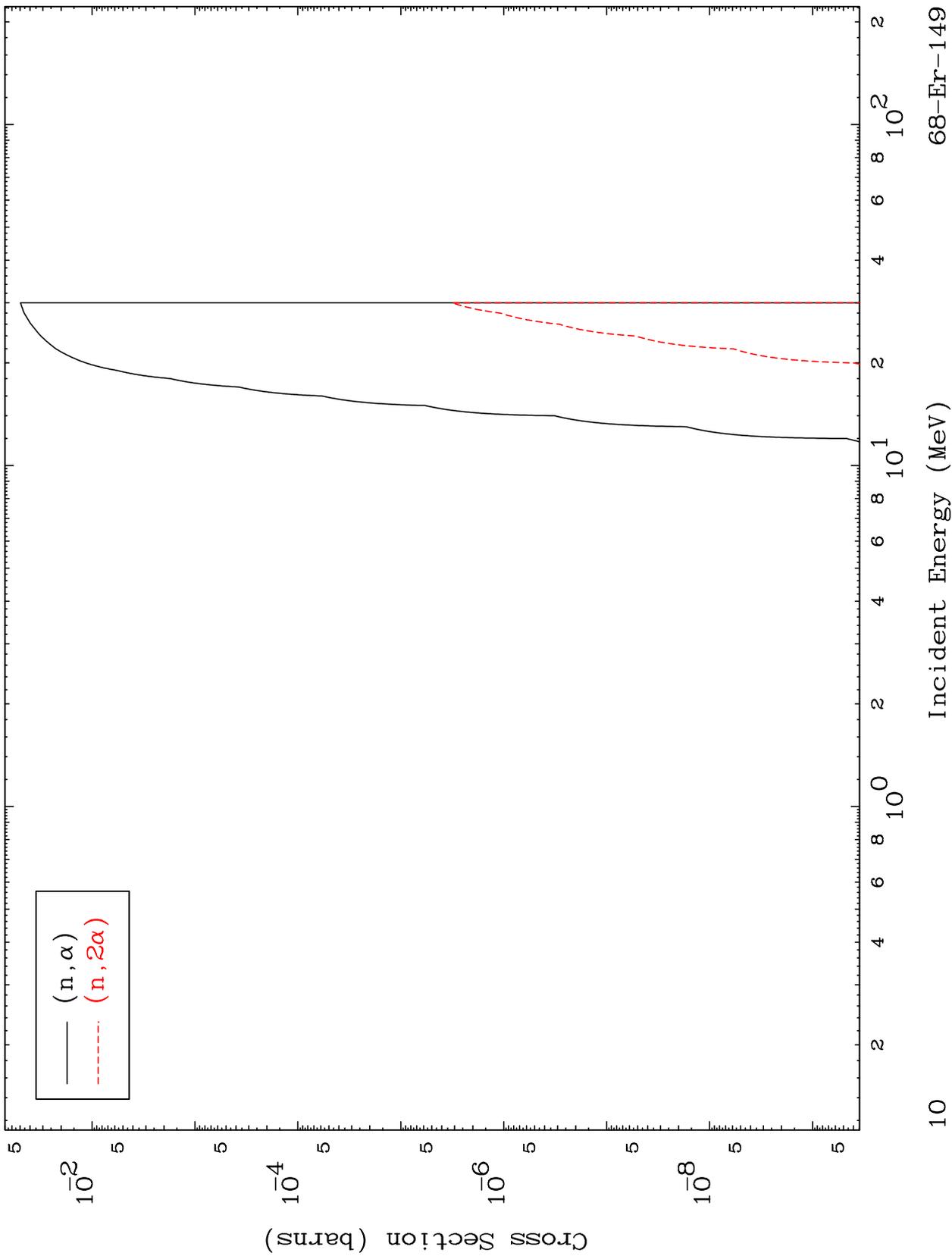
68-Er-149

MAT 6786

(α, α) Levels

68-Er-149

0 Kelvin Cross Sections



10

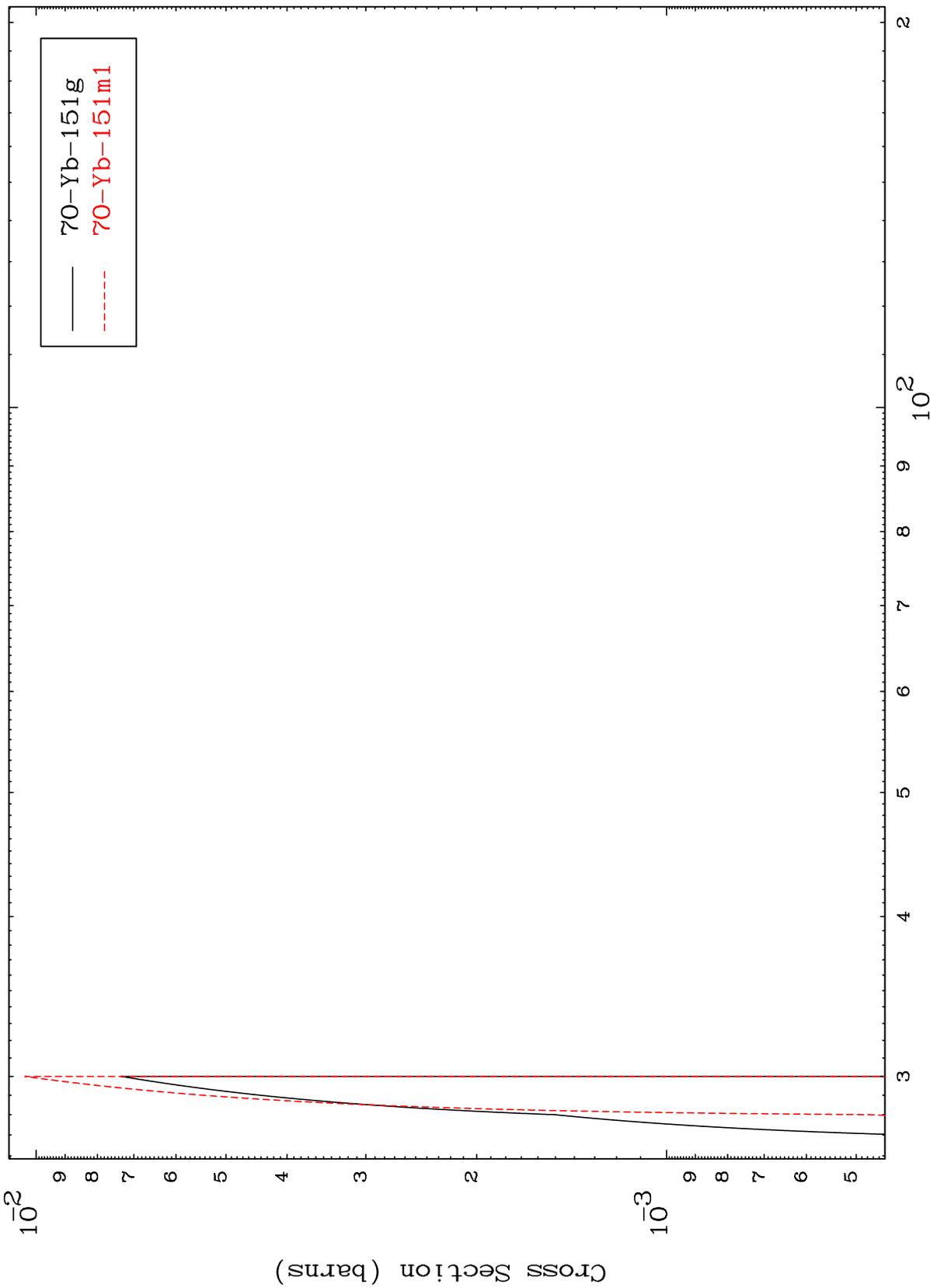
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,2n)
Radionuclide Production Cross Section

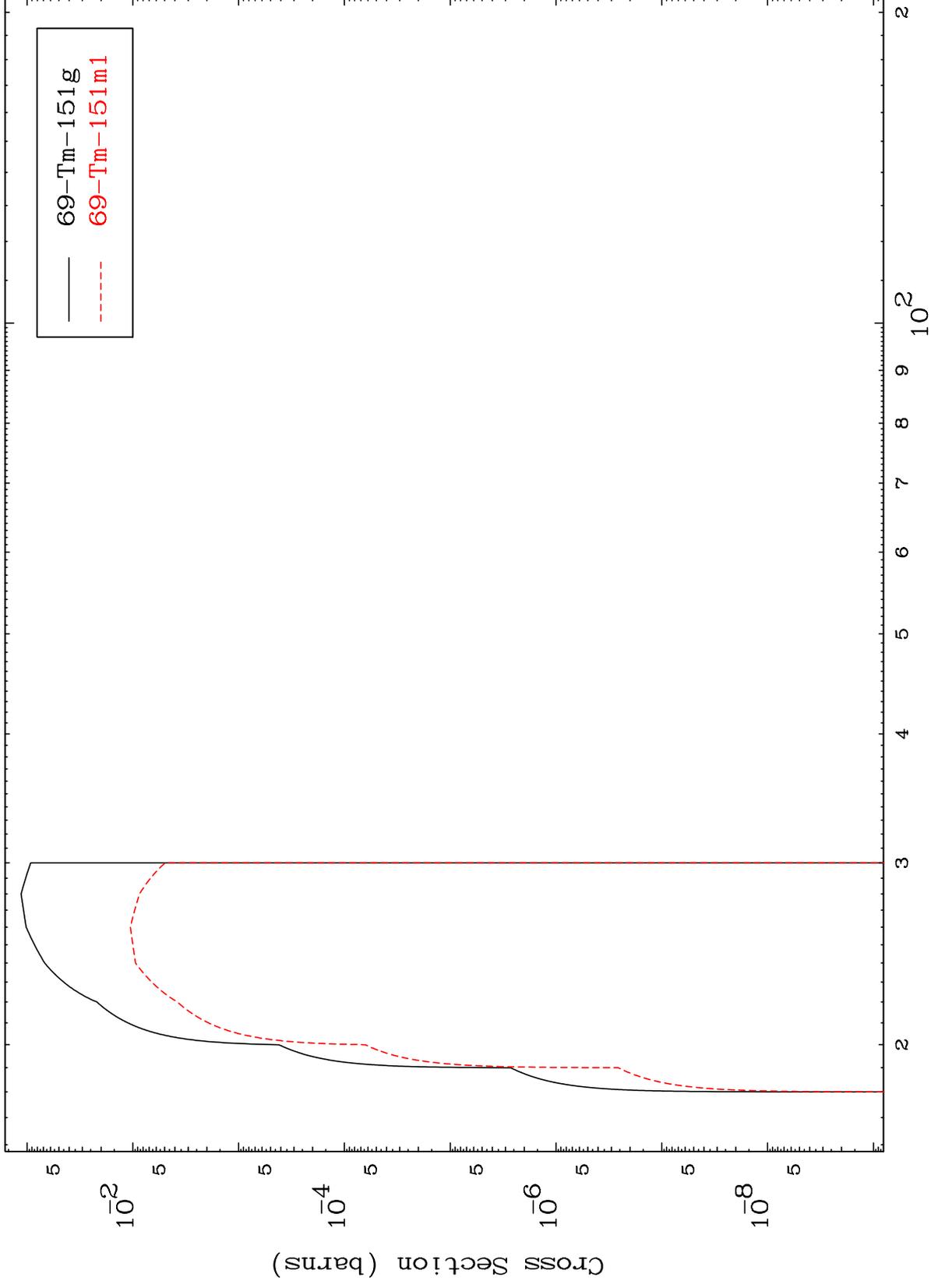


11

Incident Energy (MeV)

68-Er-149

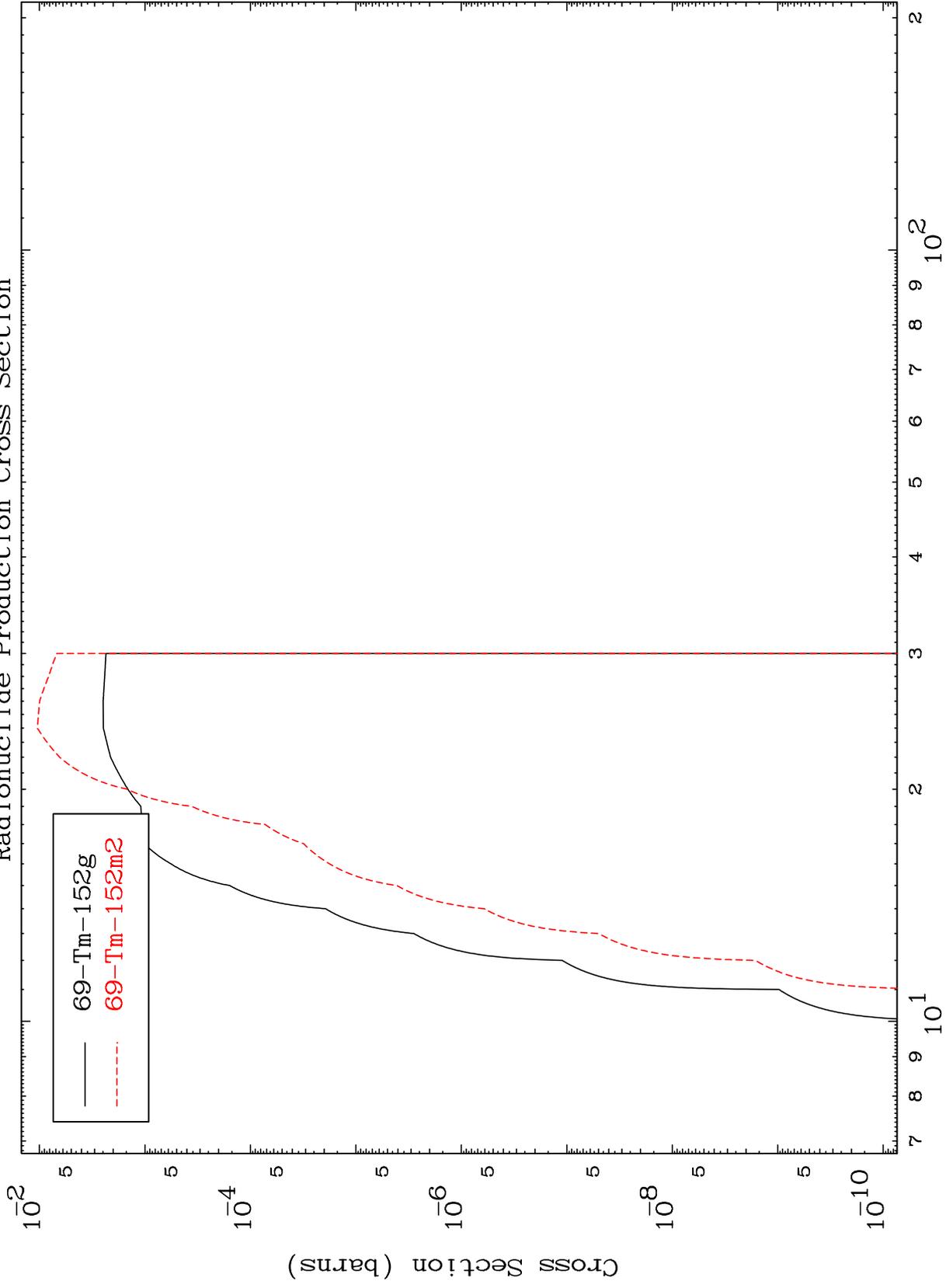
Radionuclide Production Cross Section



MAT 6786

68-Er-149

(n,p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

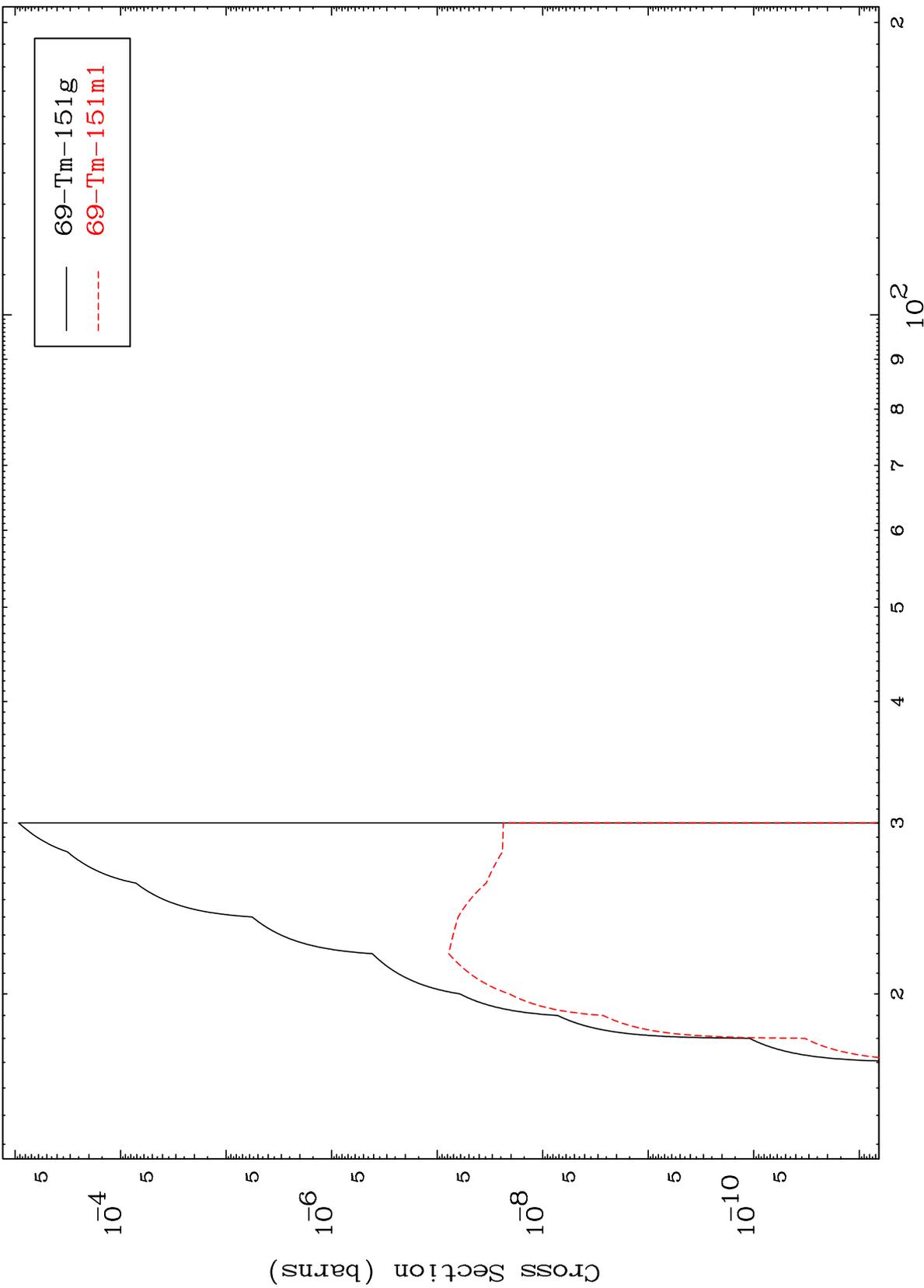
68-Er-149

MAT 6786

(n,d)

68-Er-149

Radionuclide Production Cross Section



69-Tm-151g
69-Tm-151m1

14

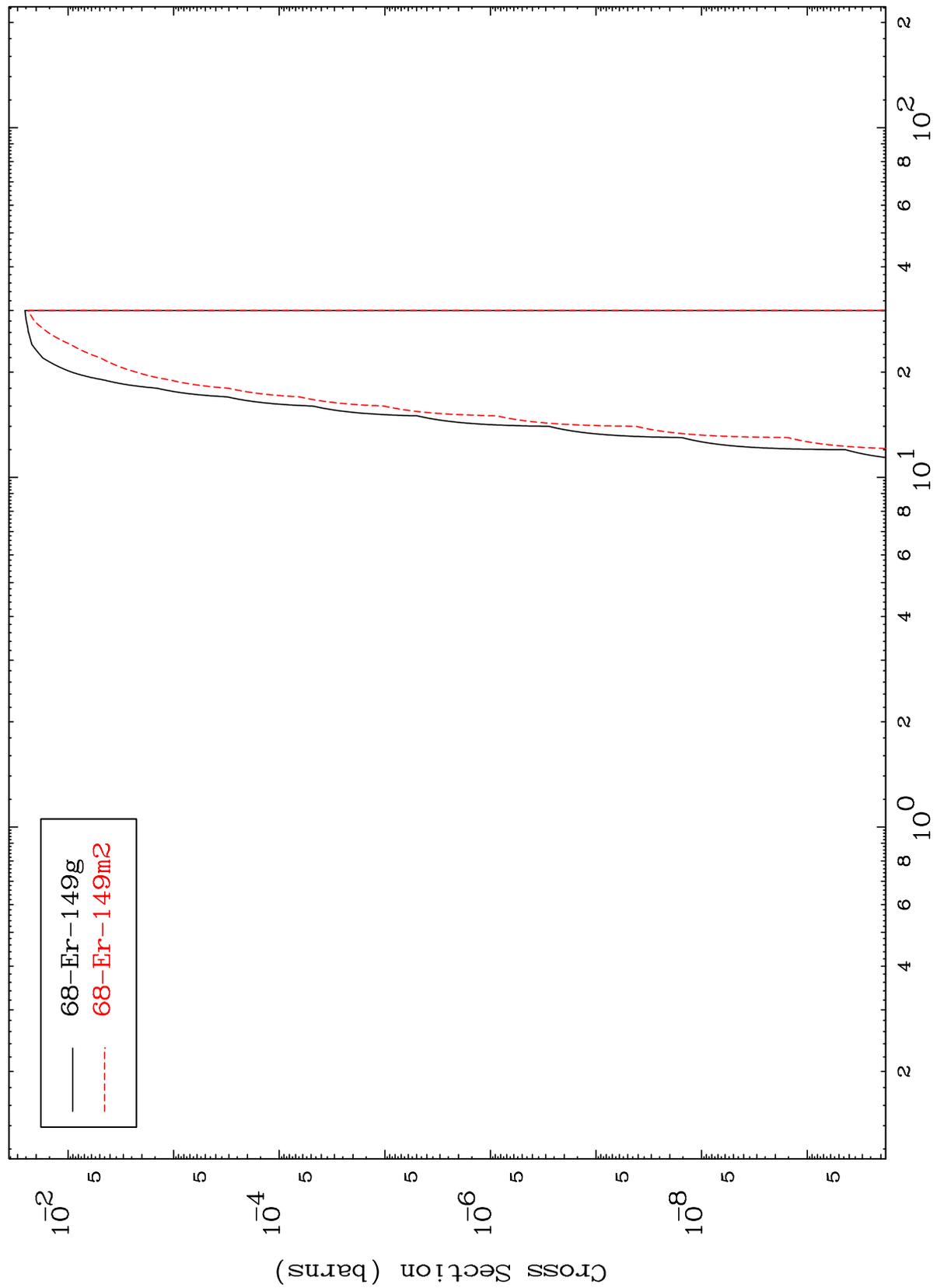
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

Radionuclide Production Cross Section
(n, α)



68-Er-149

Incident Energy (MeV)

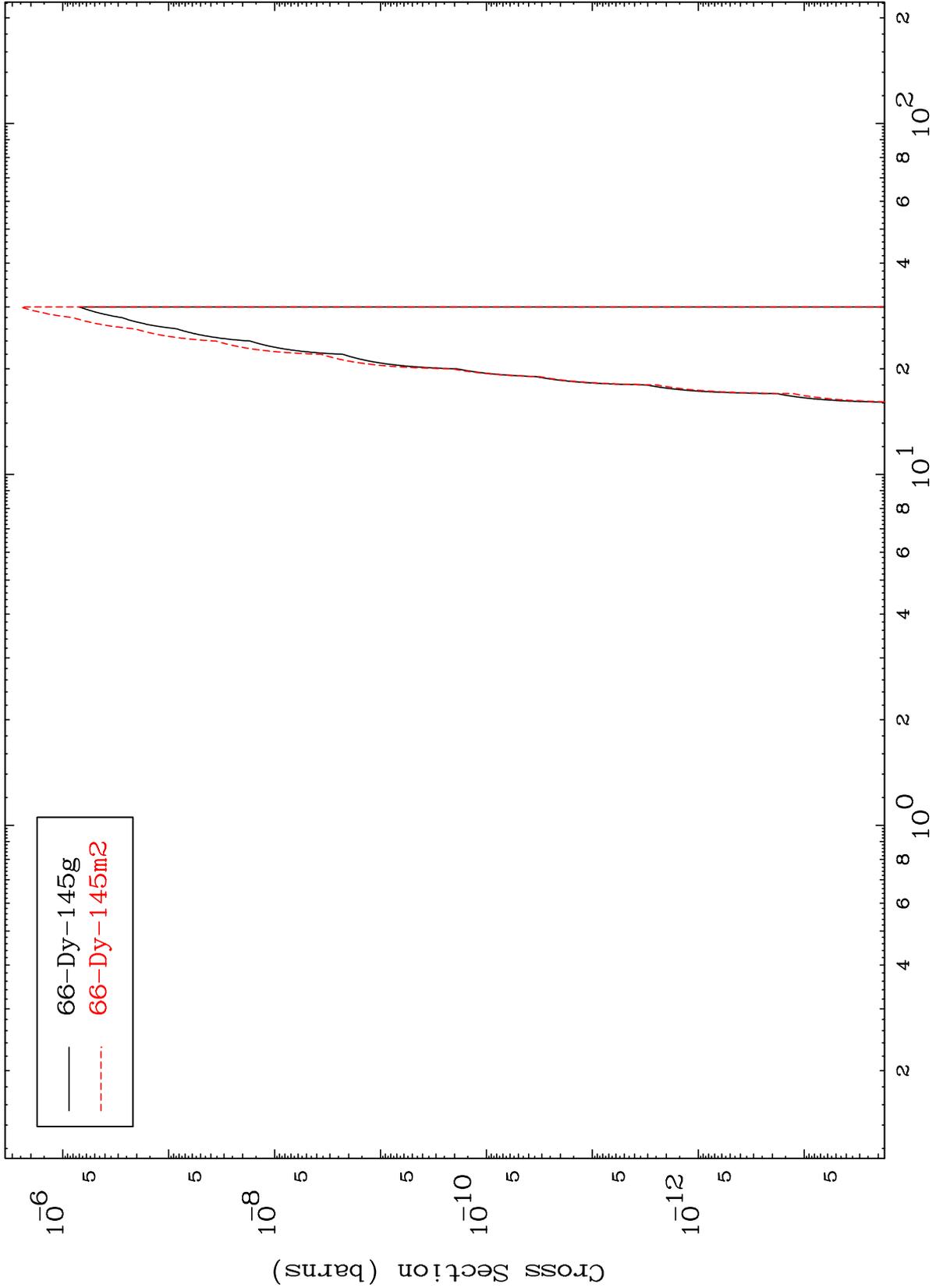
15

MAT 6786

(n,2α)

68-Er-149

Radionuclide Production Cross Section

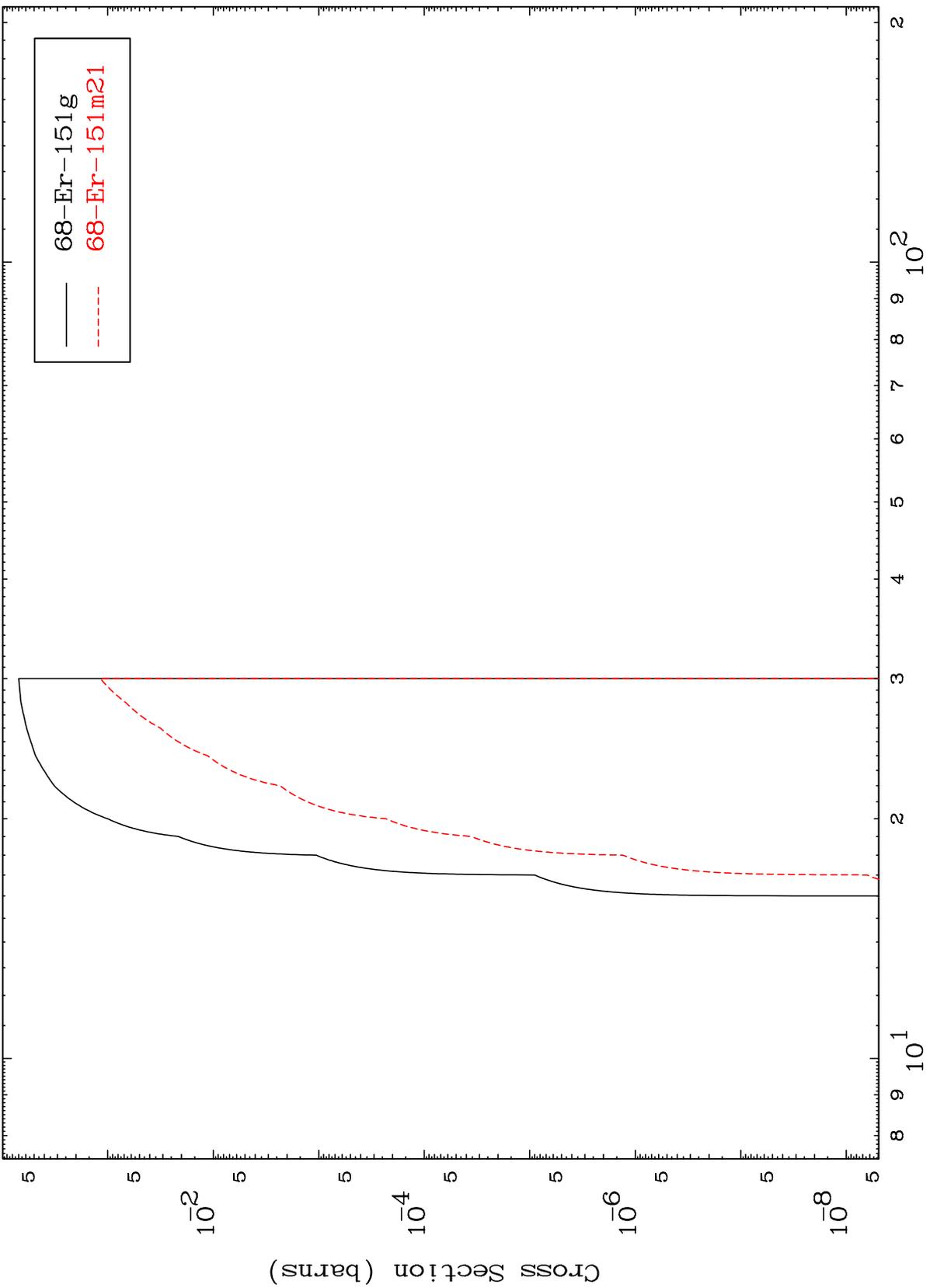


— 66-Dy-145g
- - - 66-Dy-145m2

MAT 6786

68-Er-149

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

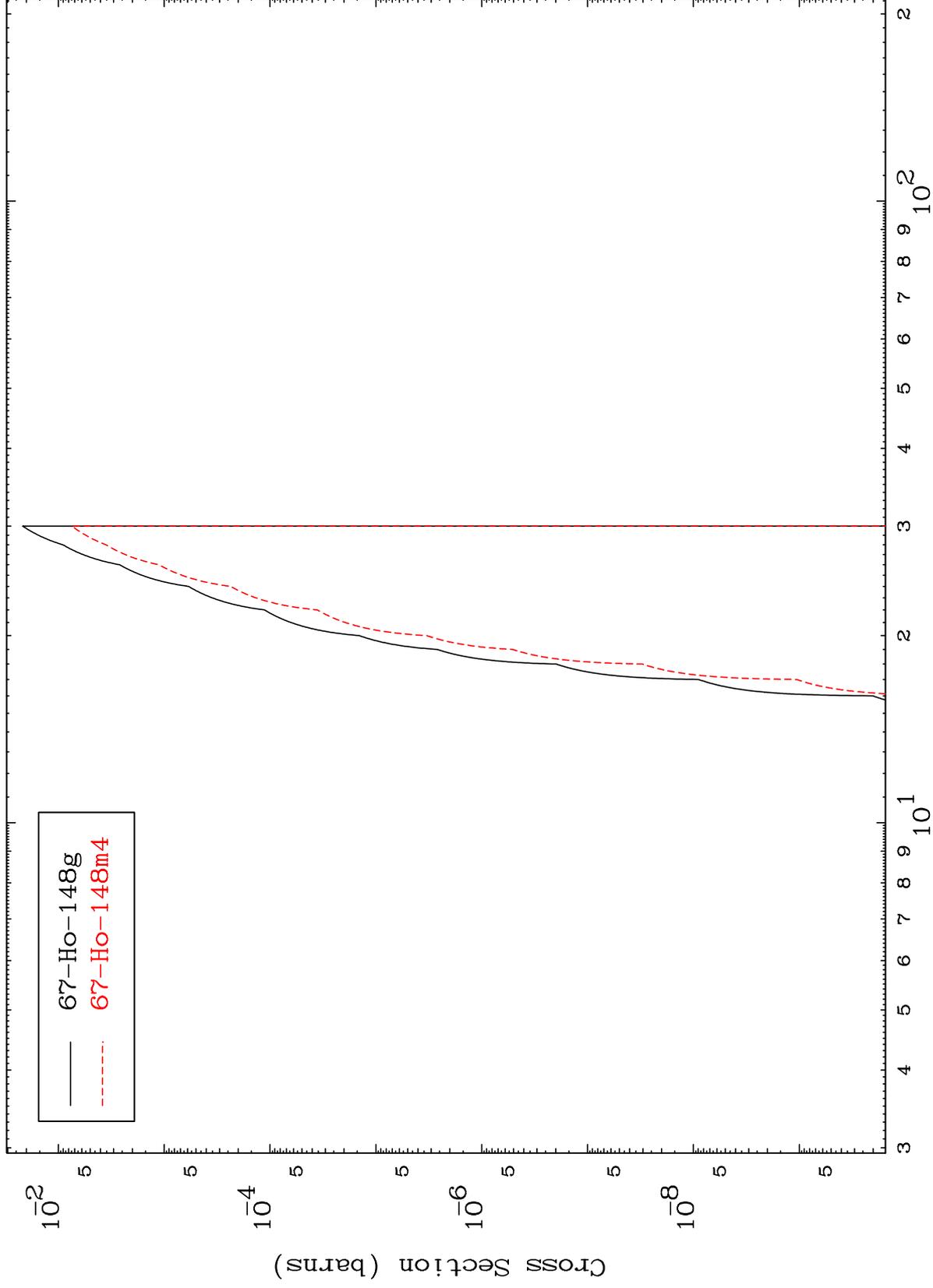
68-Er-149

MAT 6786

(n,p) α

68-Er-149

Radionuclide Production Cross Section



18

Incident Energy (MeV)

68-Er-149

Radionuclide Production Cross Section

