

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

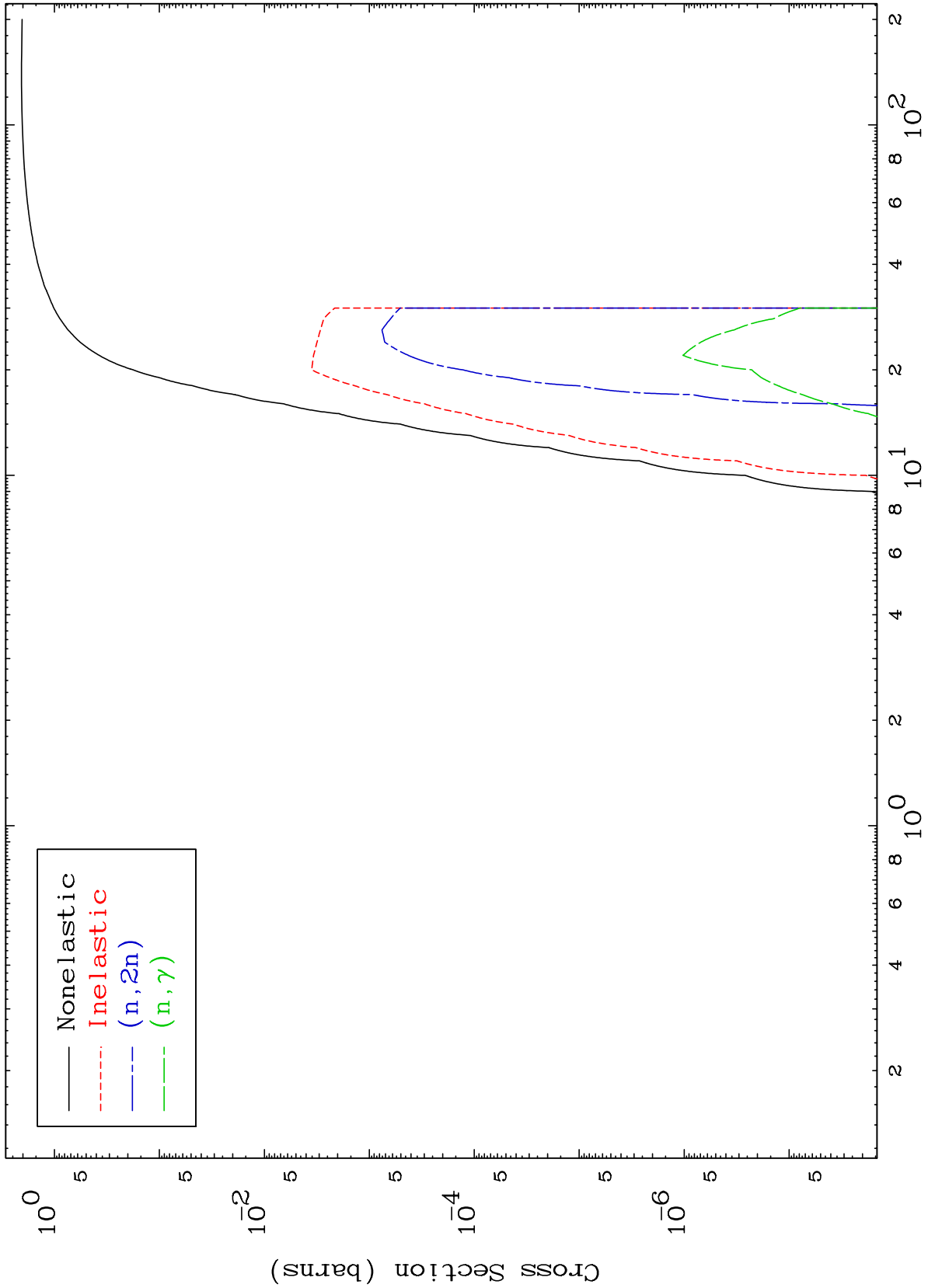
Press Mouse Button to Start

MAT 6787

He-3 Major

68-Er-149m

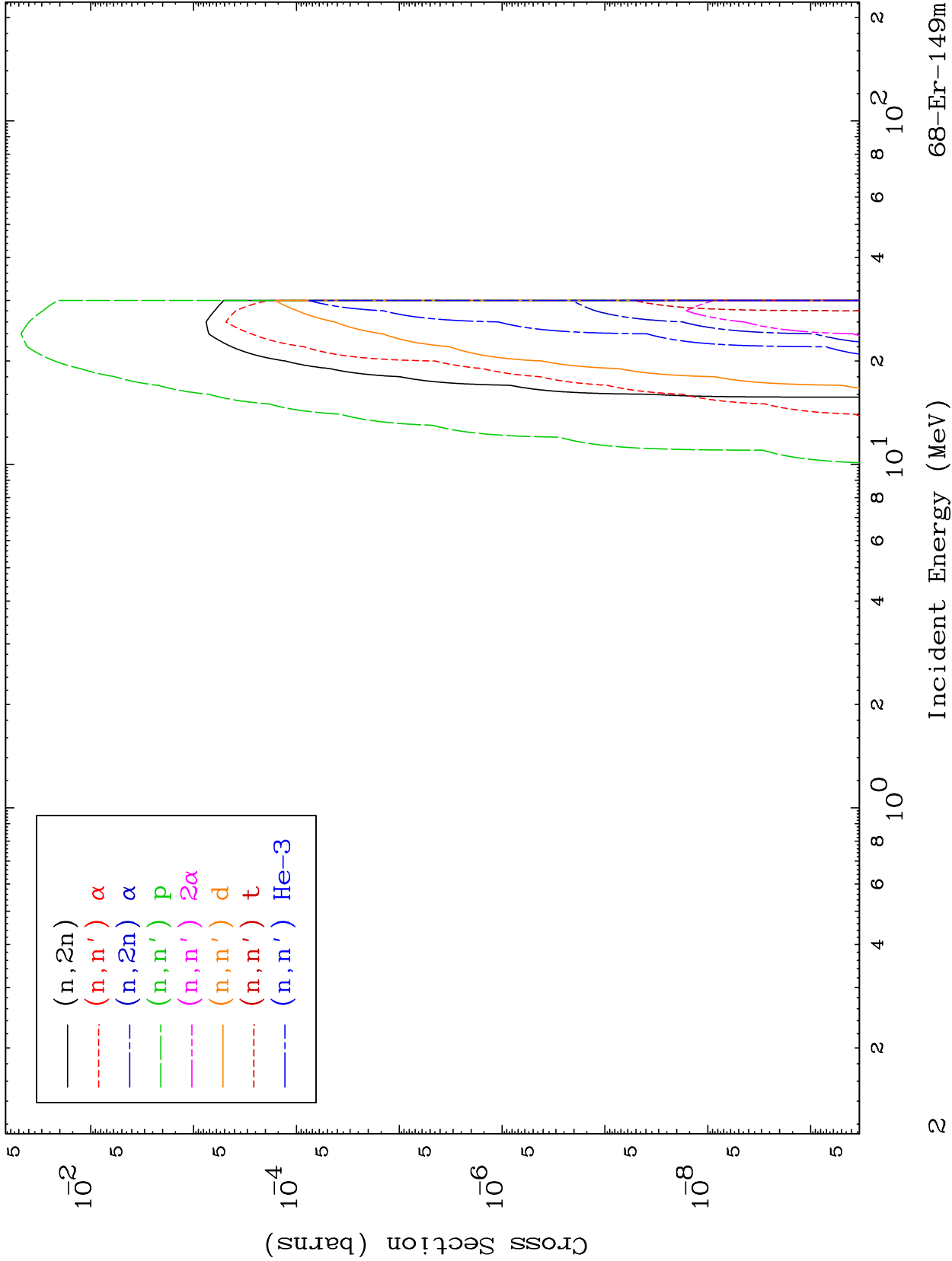
0 Kelvin Cross Sections



MAT 6787

He-3 Neutron Absorption
0 Kelvin Cross Sections

68-Er-149m



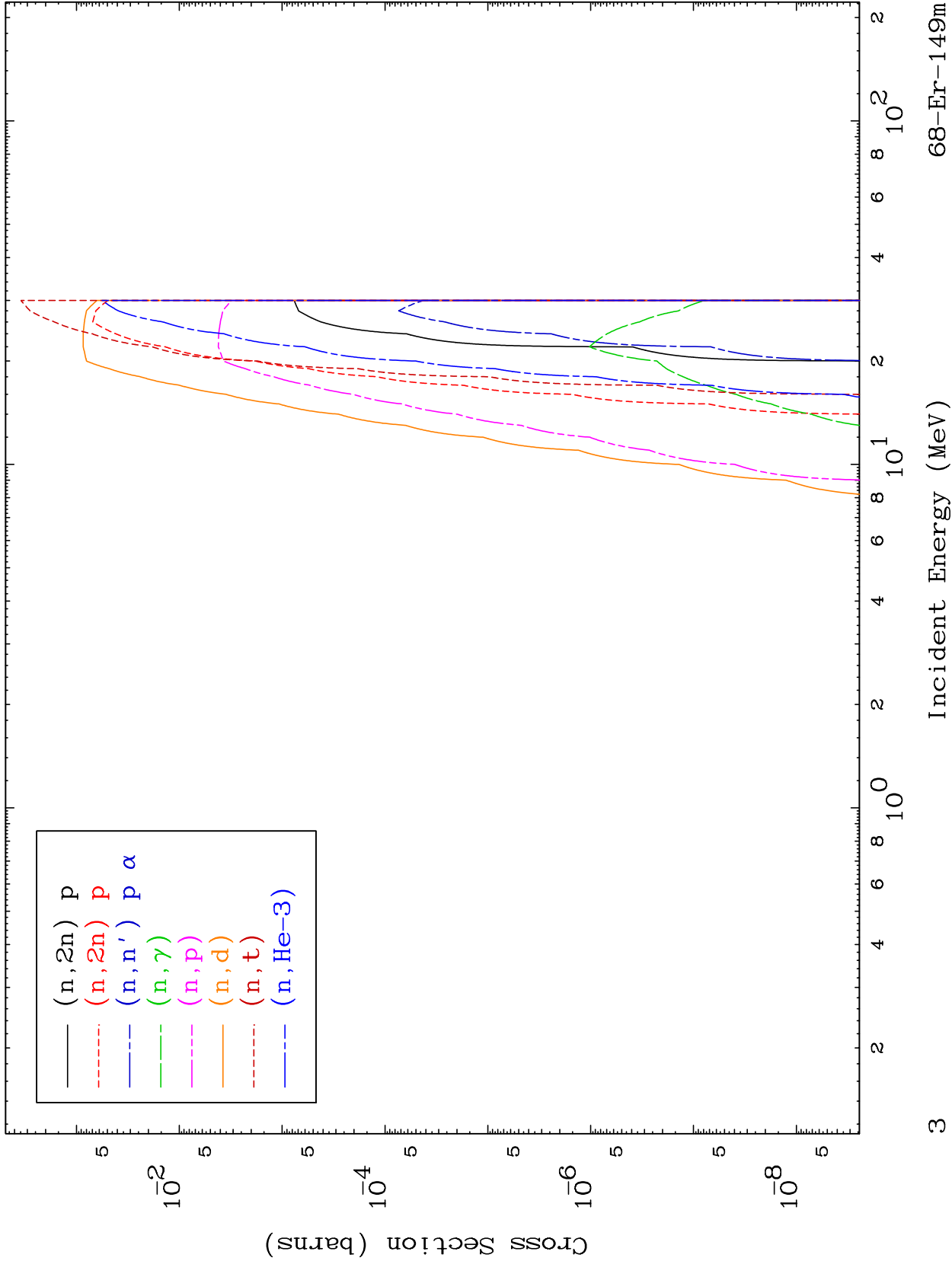
68-Er-149m

Incident Energy (MeV)

MAT 6787

He-3 Neutron Absorption
0 Kelvin Cross Sections

68-Er-149m



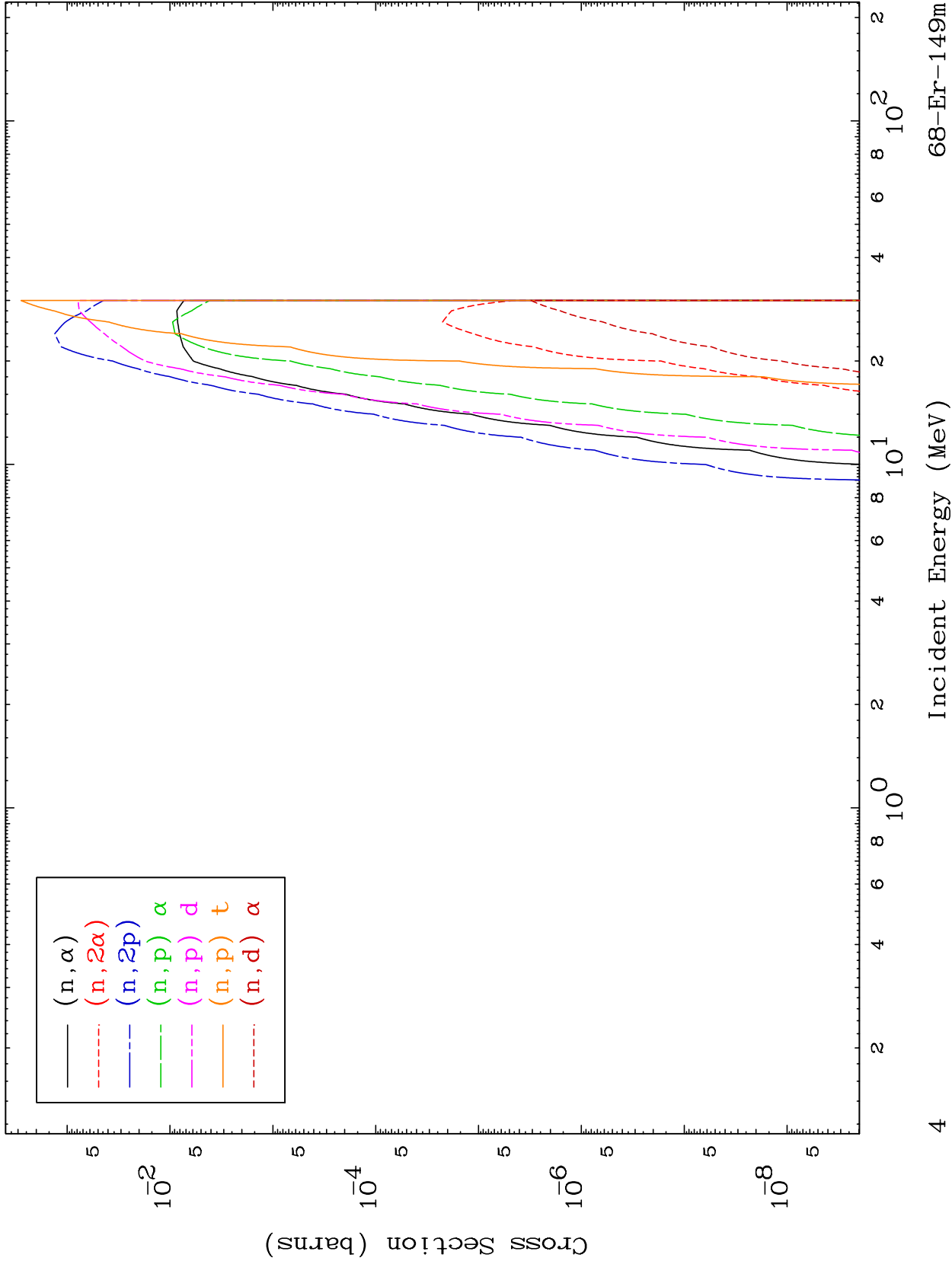
68-Er-149m

Incident Energy (MeV)

MAT 6787

He-3 Neutron Absorption
0 Kelvin Cross Sections

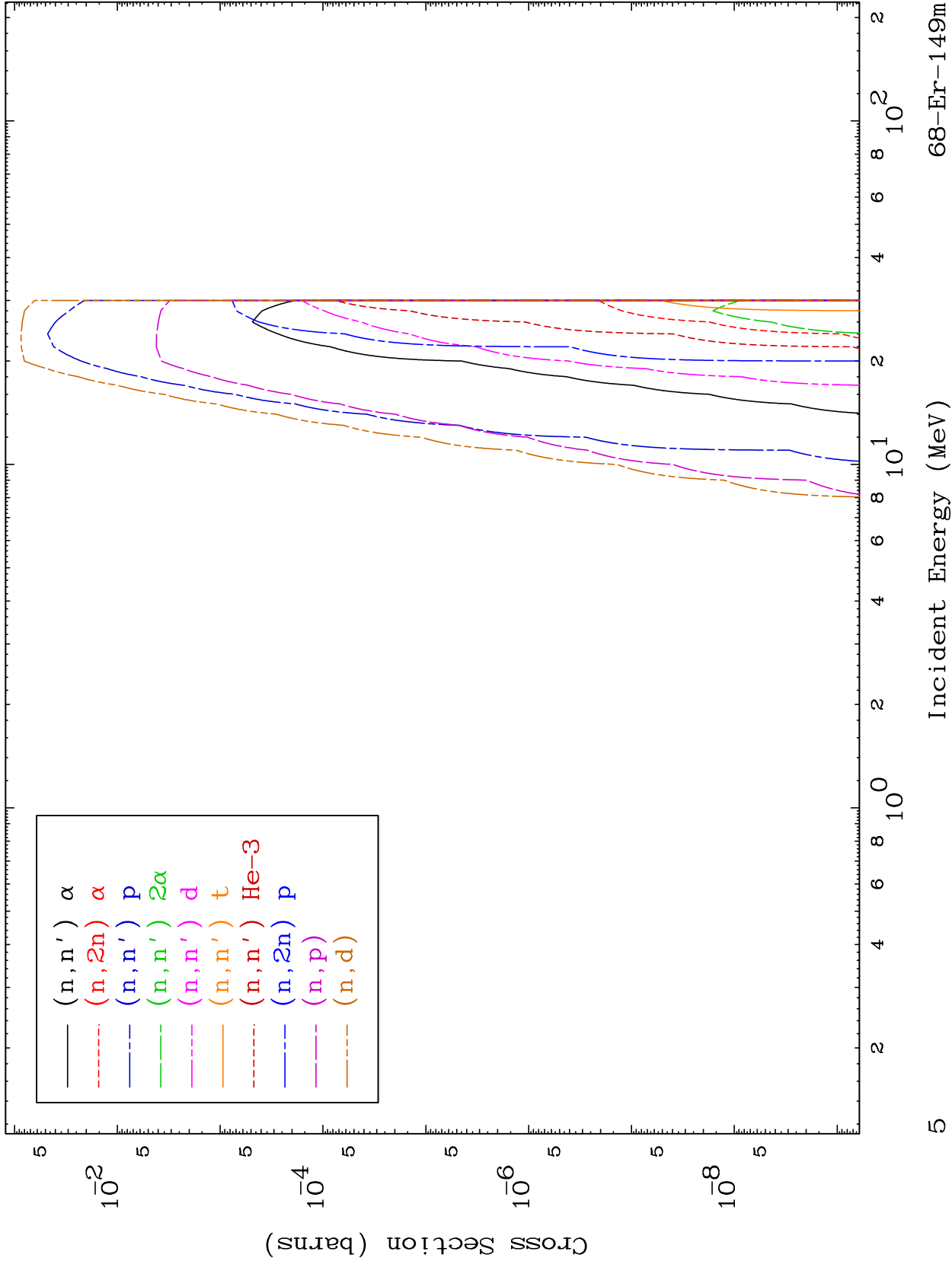
68-Er-149m



MAT 6787

He-3 Charged Particle
0 Kelvin Cross Sections

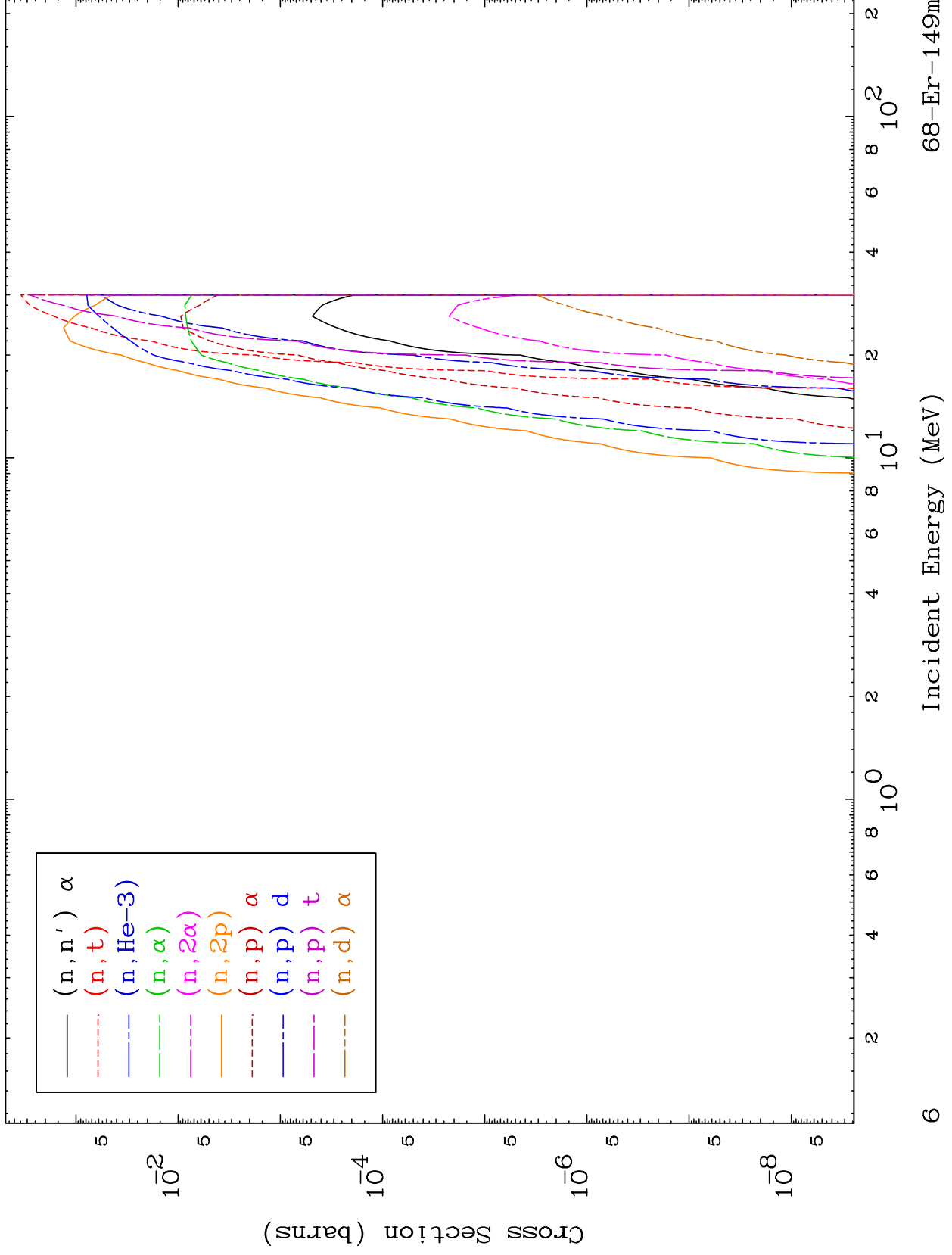
68-Er-149m



MAT 6787

He-3 Charged Particle
0 Kelvin Cross Sections

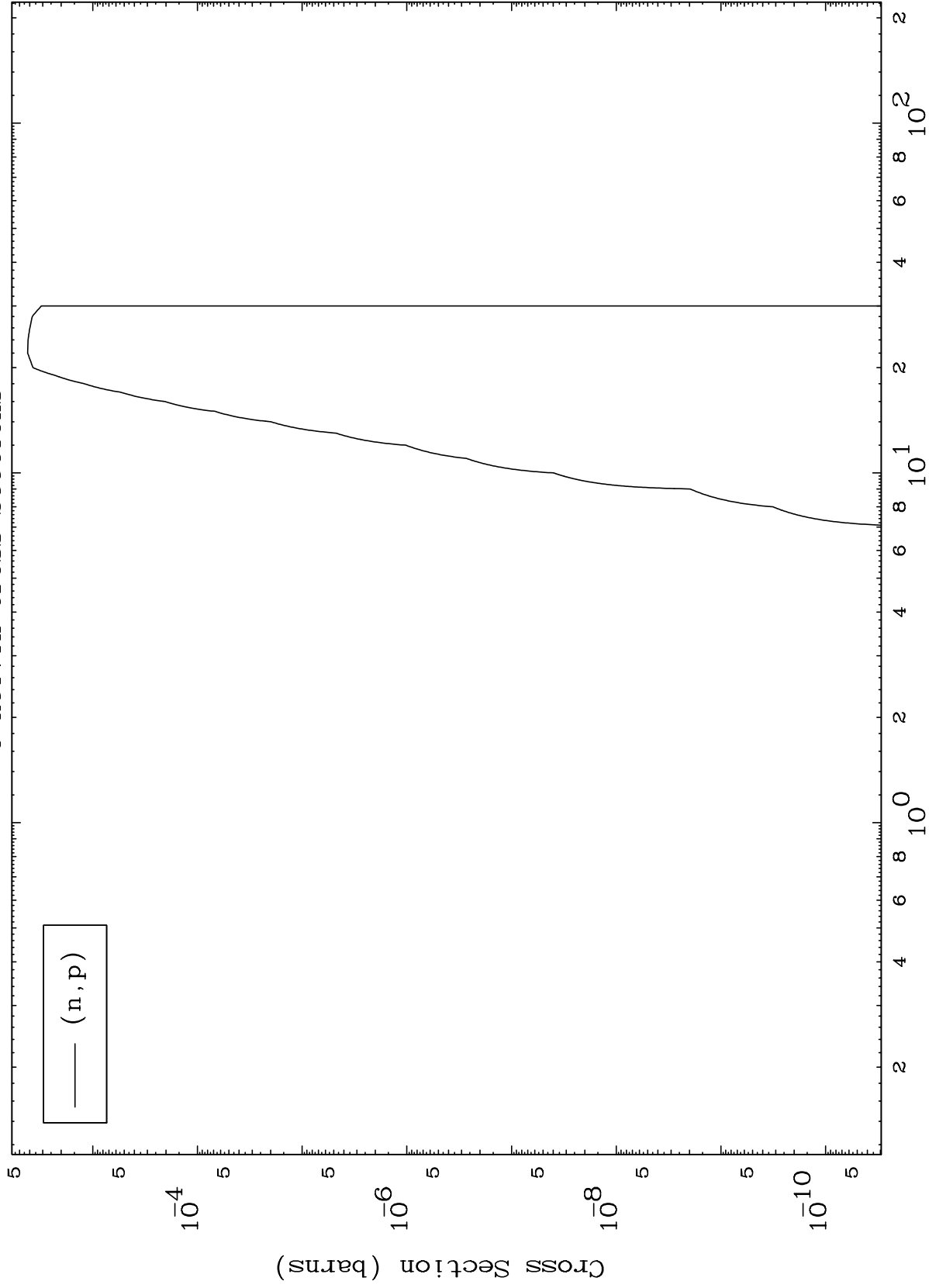
68-Er-149m



MAT 6787

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

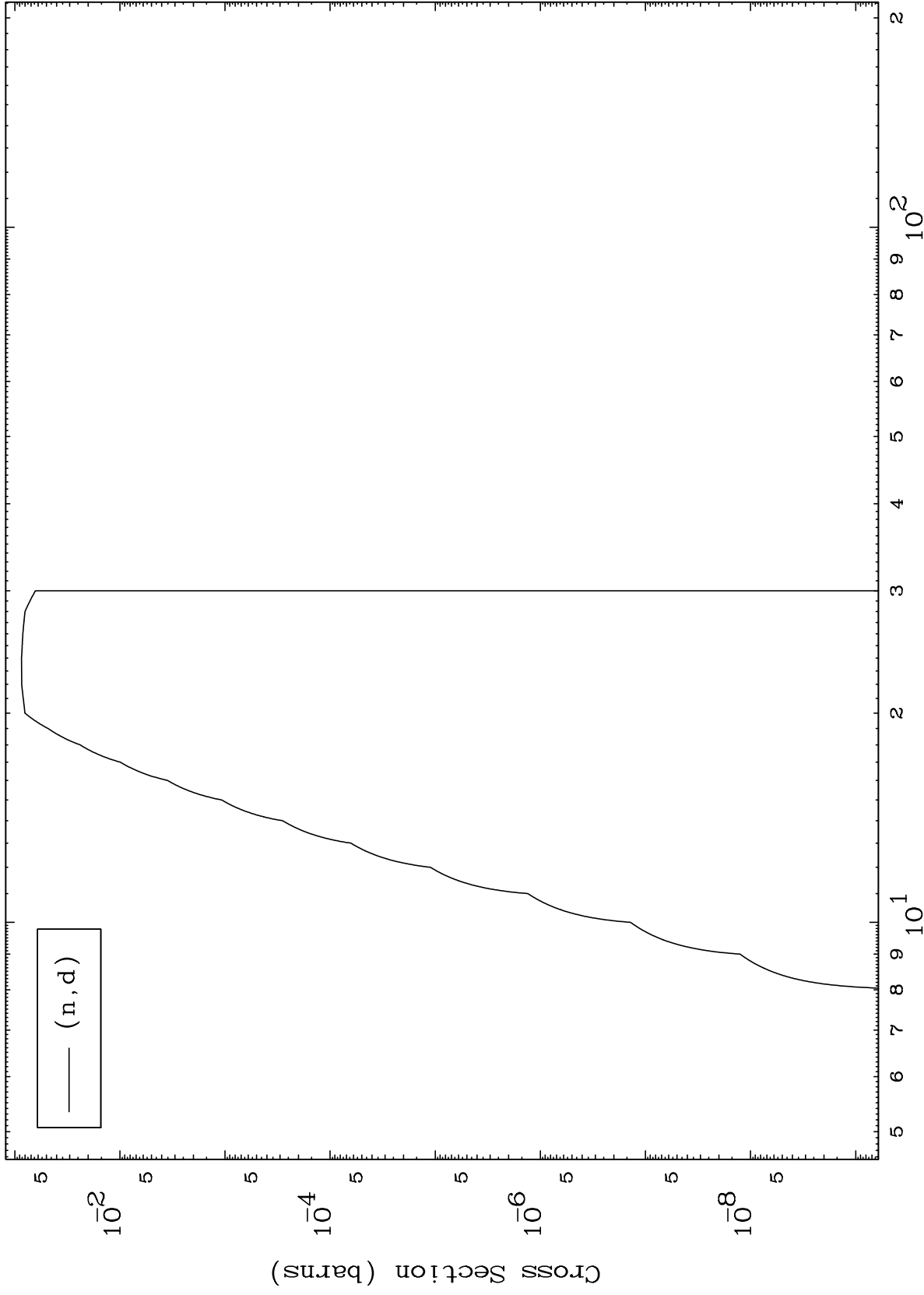
68-Er-149m



MAT 6787

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

68-Er-149m



8

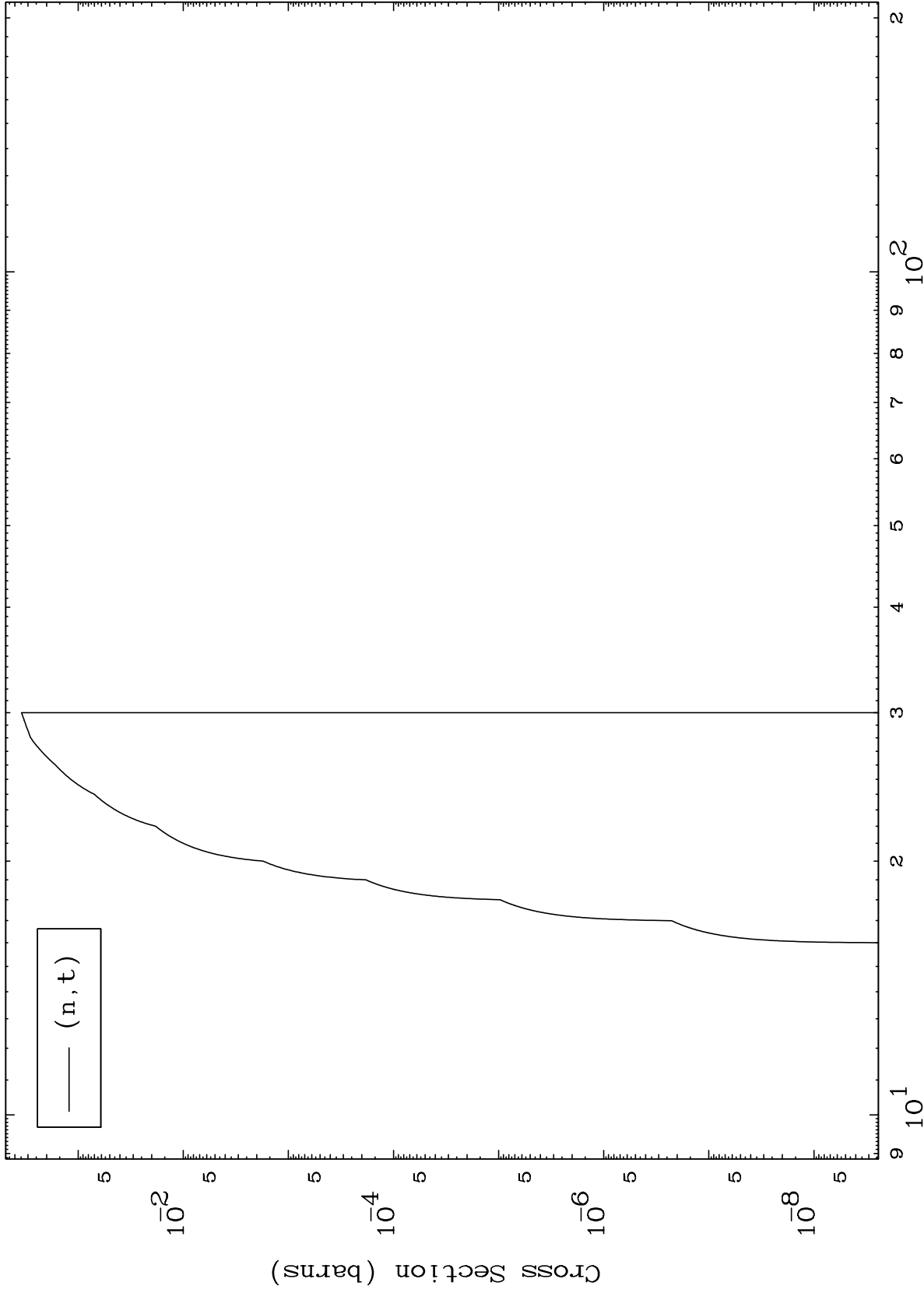
Incident Energy (MeV)

68-Er-149m

MAT 6787

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

68-Er-149m



9

Incident Energy (MeV)

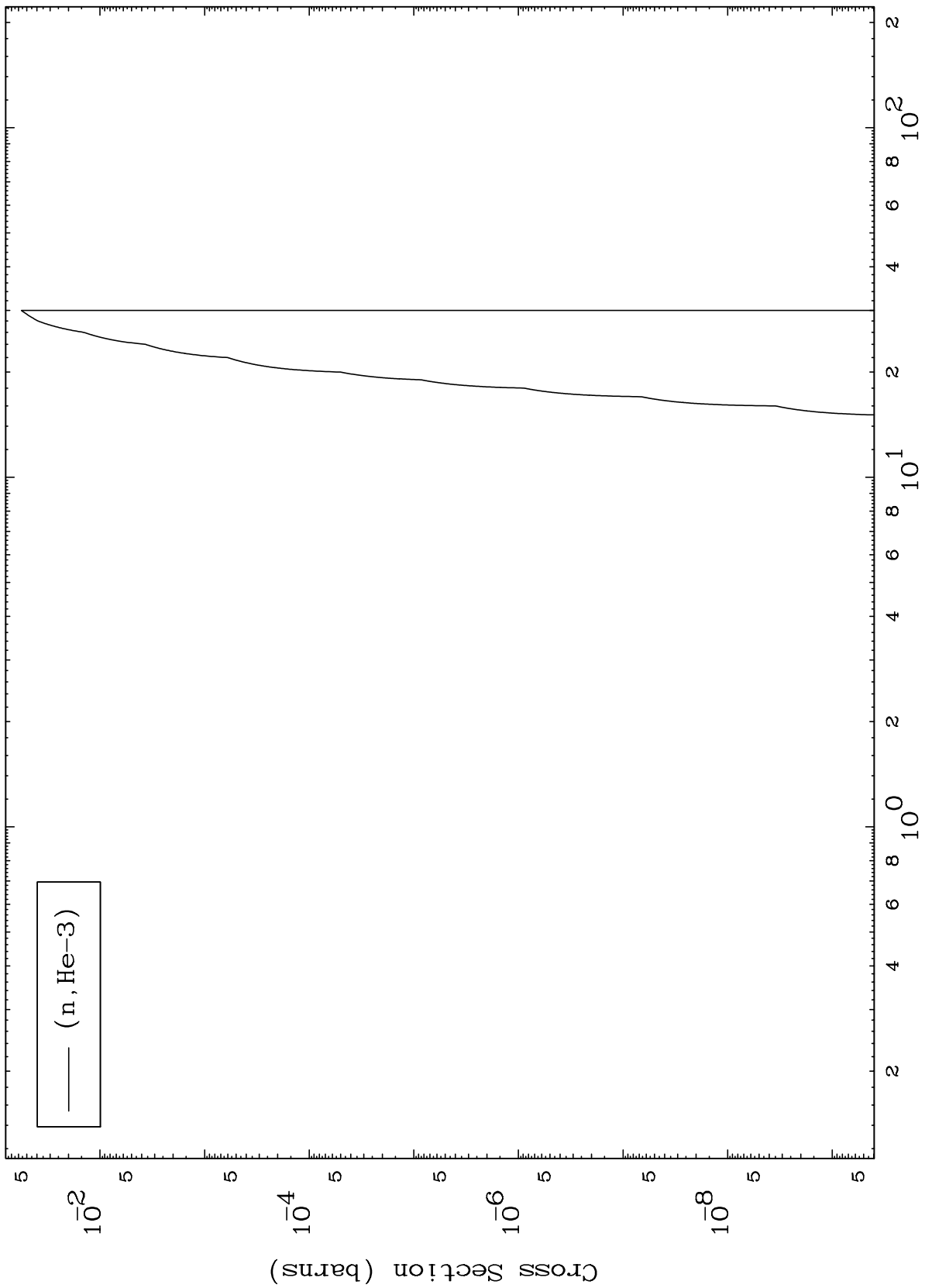
68-Er-149m

MAT 6787

(He-3, He3) Levels

68-Er-149m

0 Kelvin Cross Sections



10

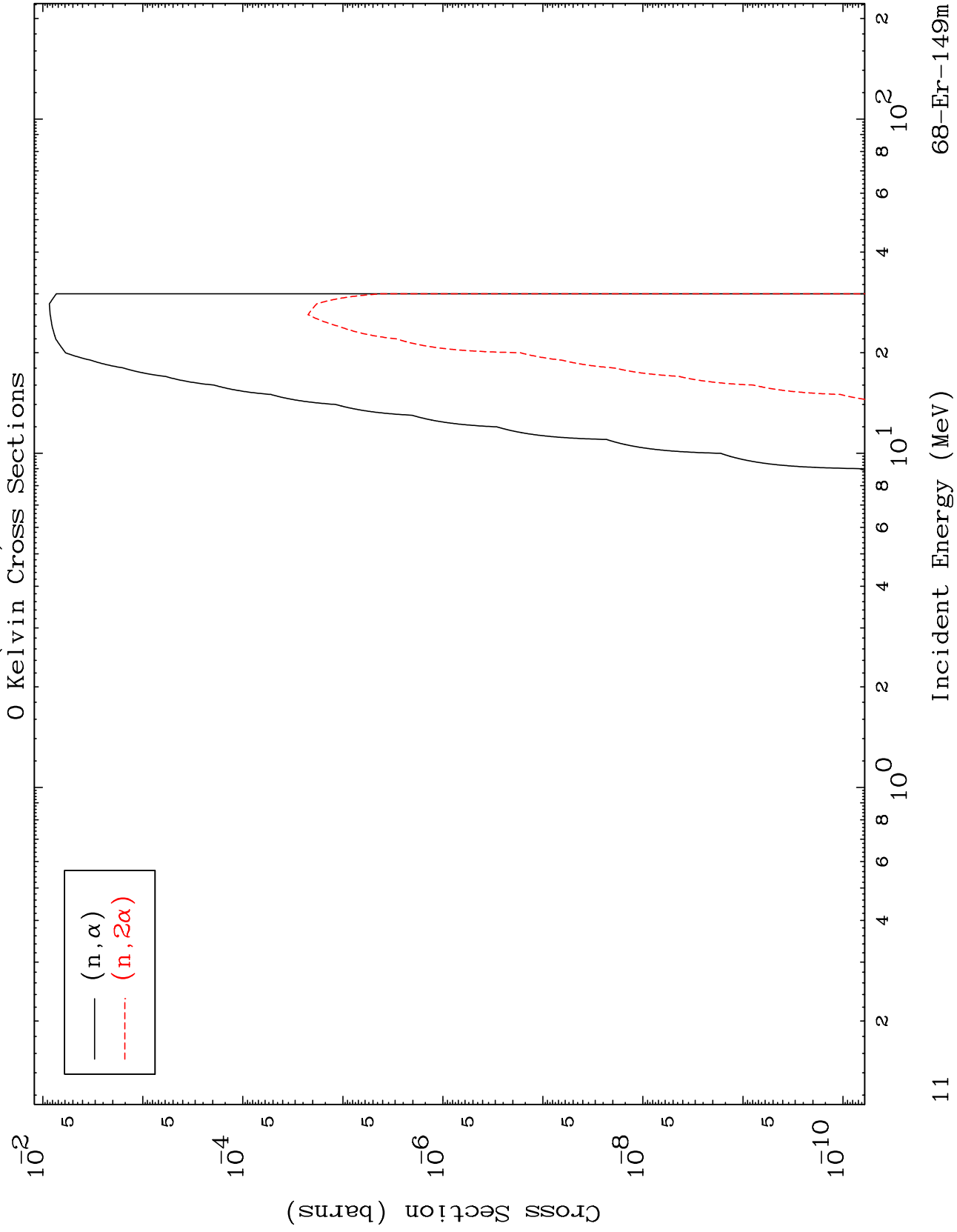
Incident Energy (MeV)

68-Er-149m

MAT 6787

(He-3, α) Levels

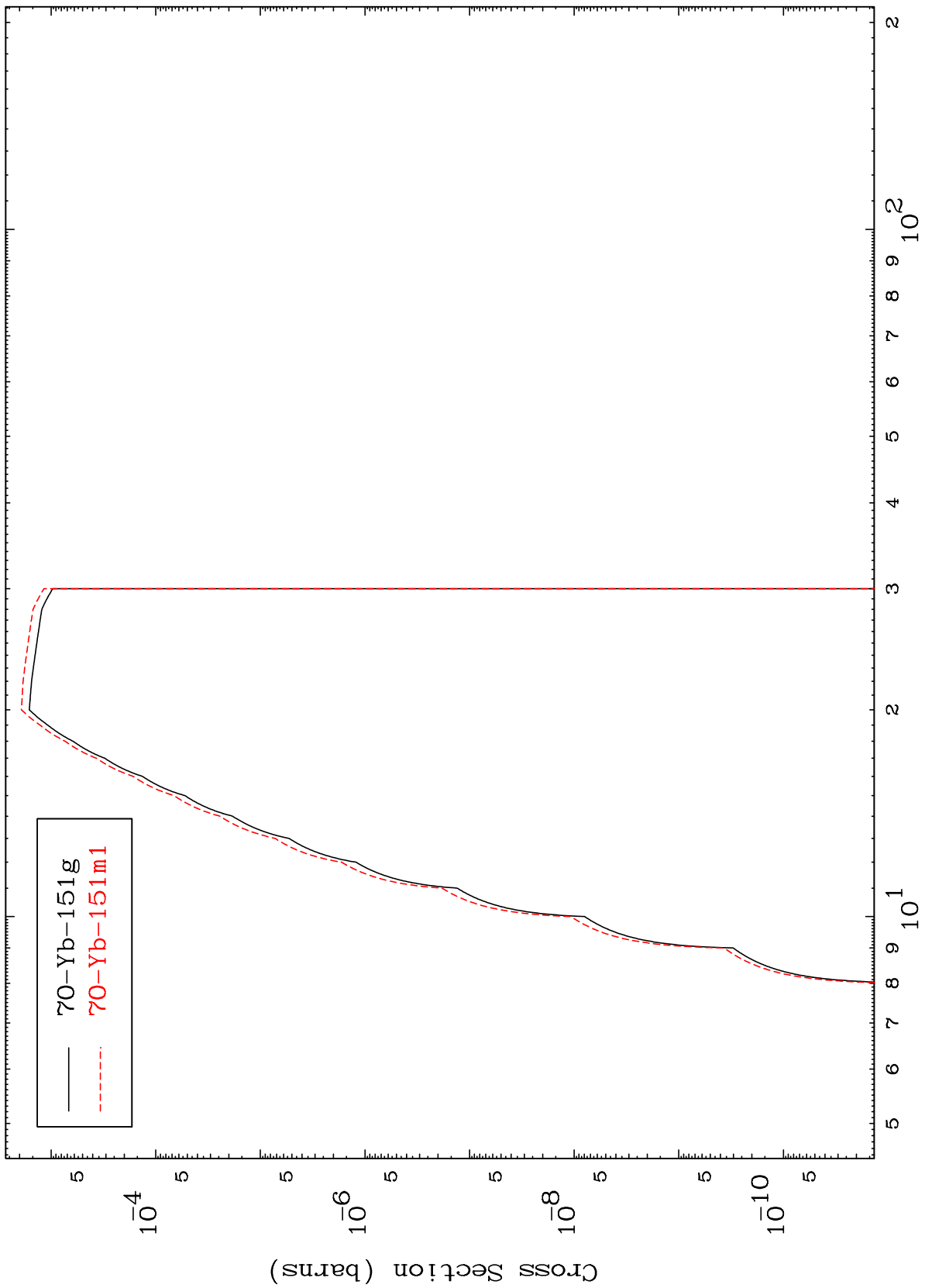
68-Er-149m



MAT 6787

68-Er-149m

Inelastic
Radionuclide Production Cross Section



70-Yb-151g
70-Yb-151m1

68-Er-149m

Incident Energy (MeV)

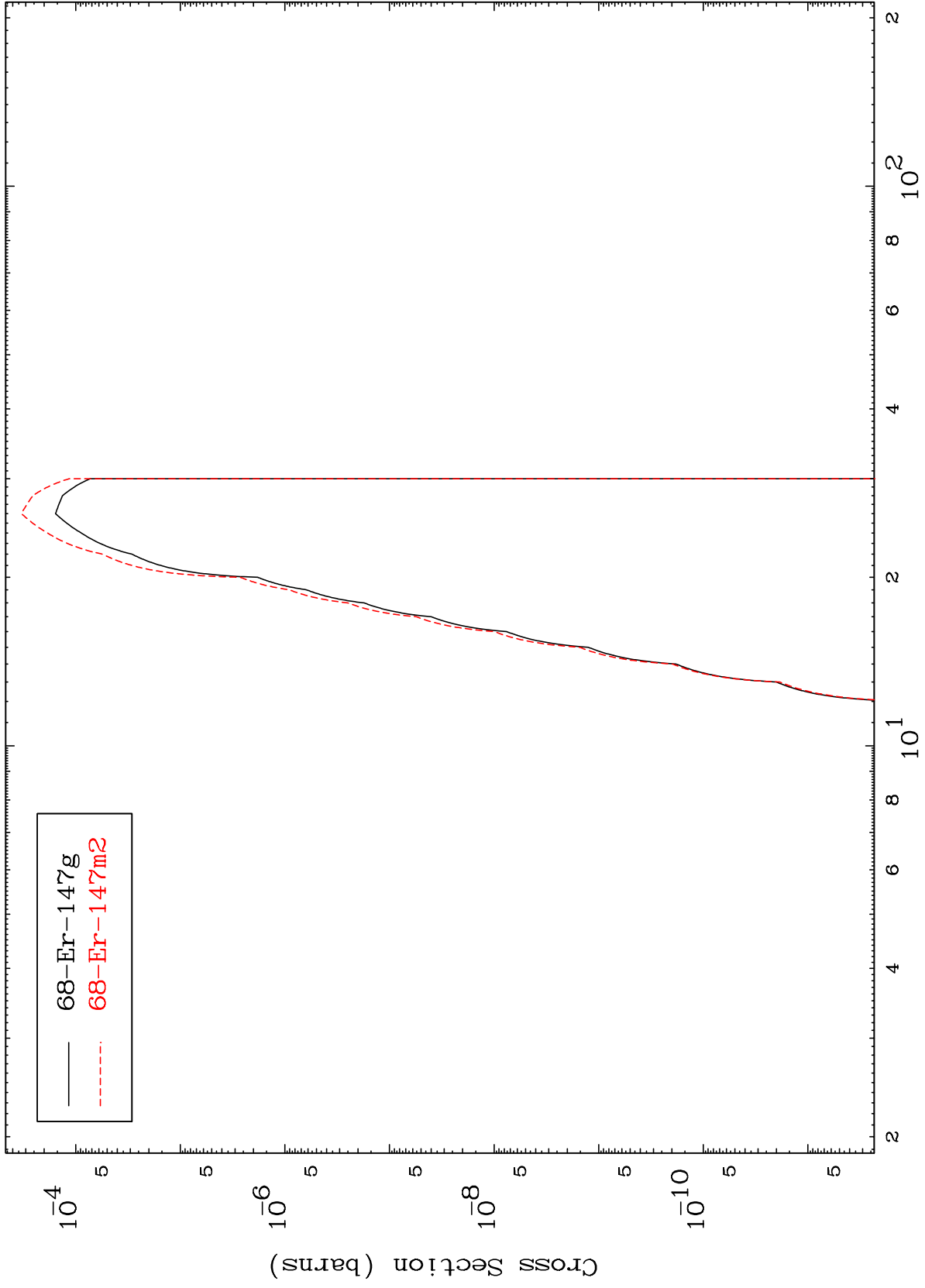
12

MAT 6787

(n,n') α

68-Er-149m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

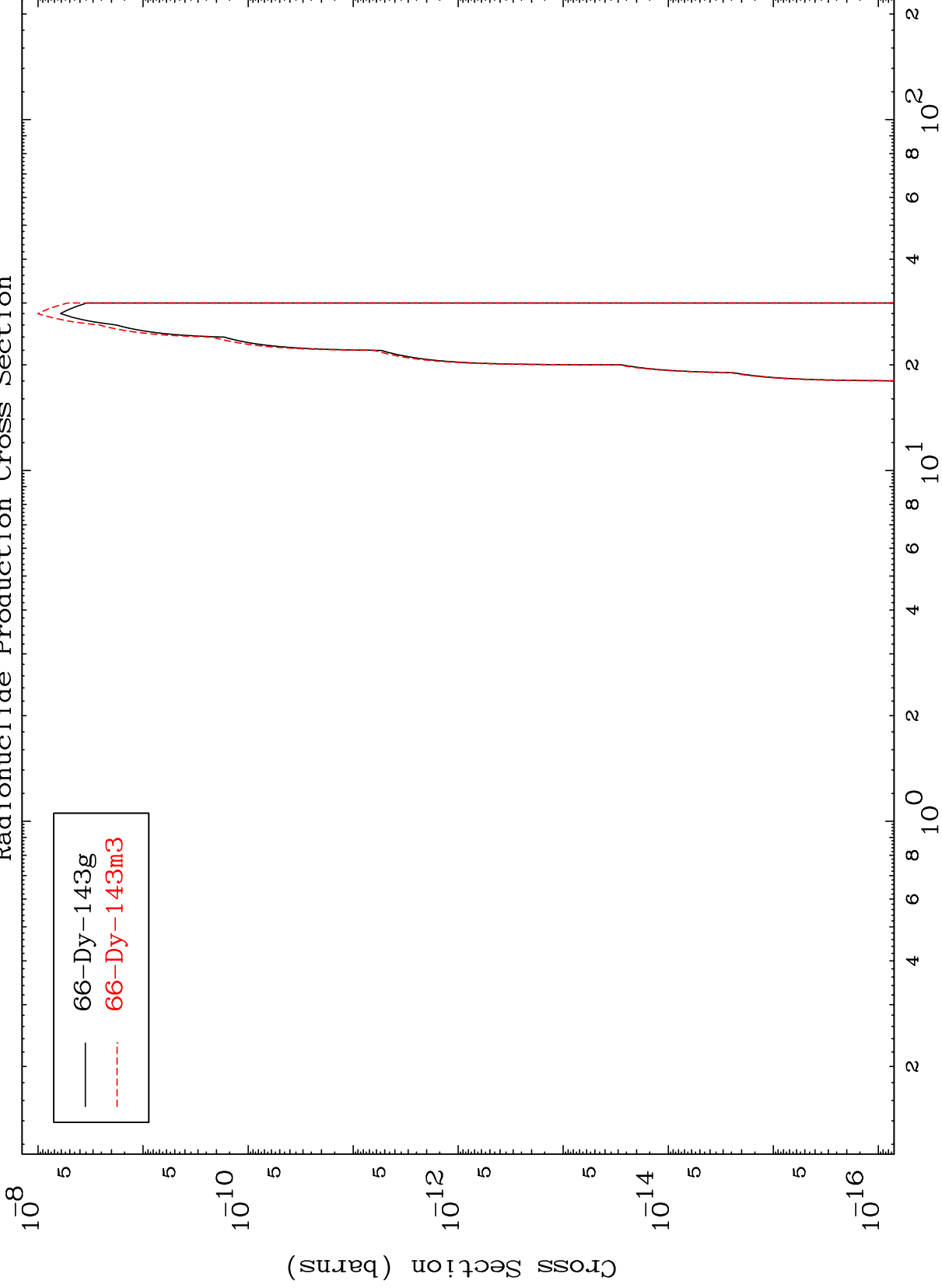
68-Er-149m

MAT 6787

(n,n') 2 α

68-Er-149m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

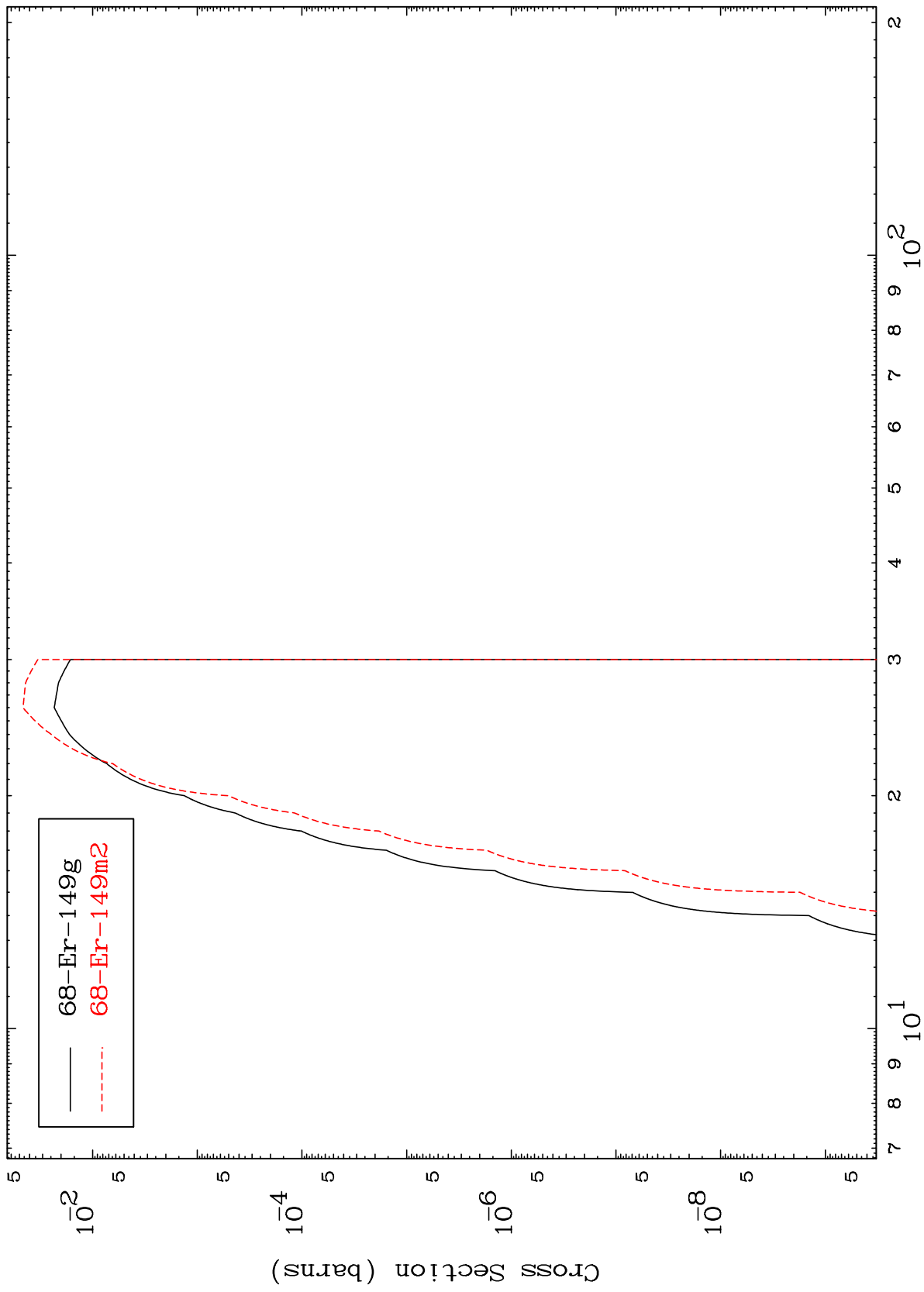
68-Er-149m

MAT 6787

(n,2n) p

68-Er-149m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

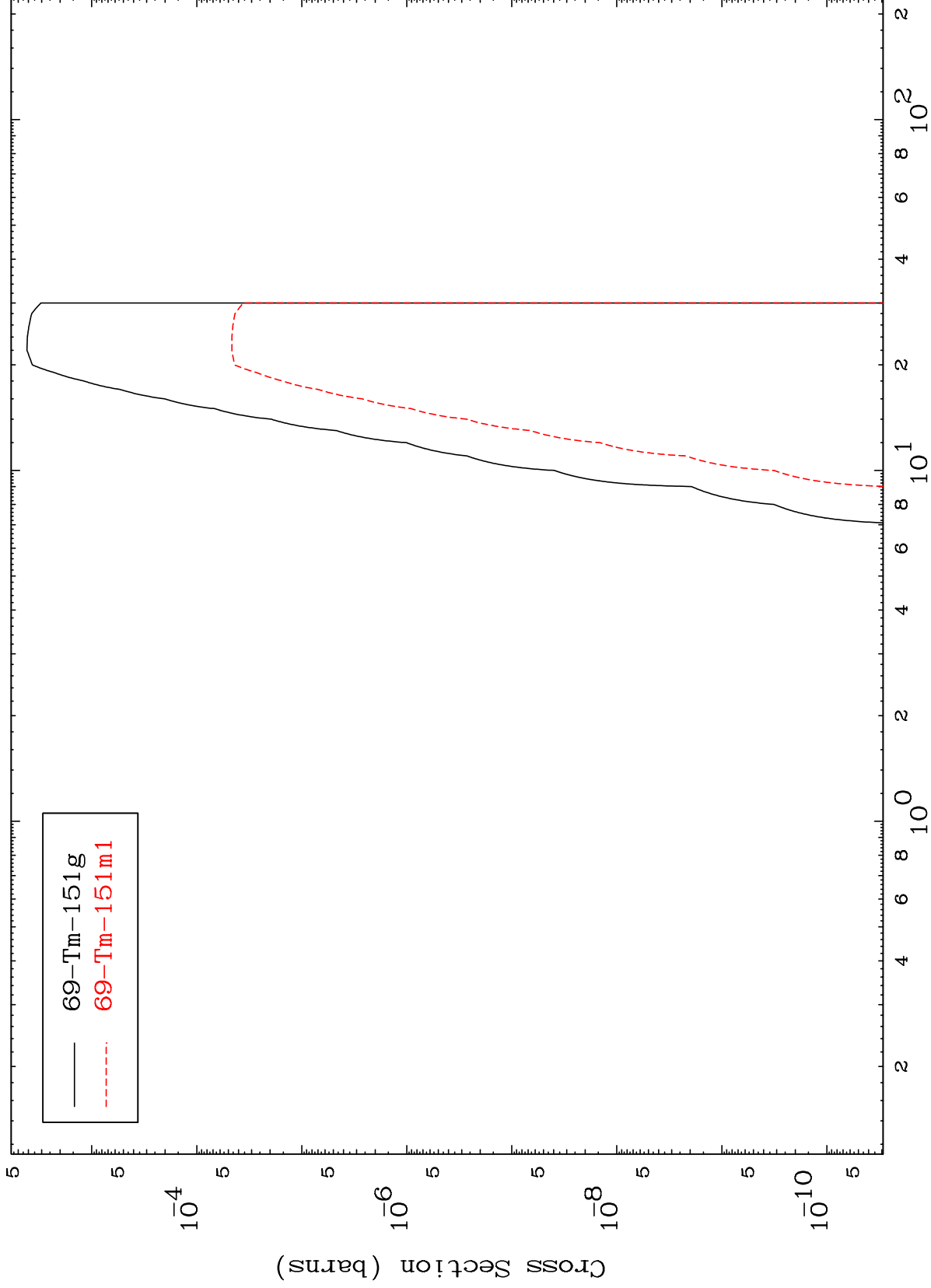
68-Er-149m

MAT 6787

(n,p)

68-Er-149m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

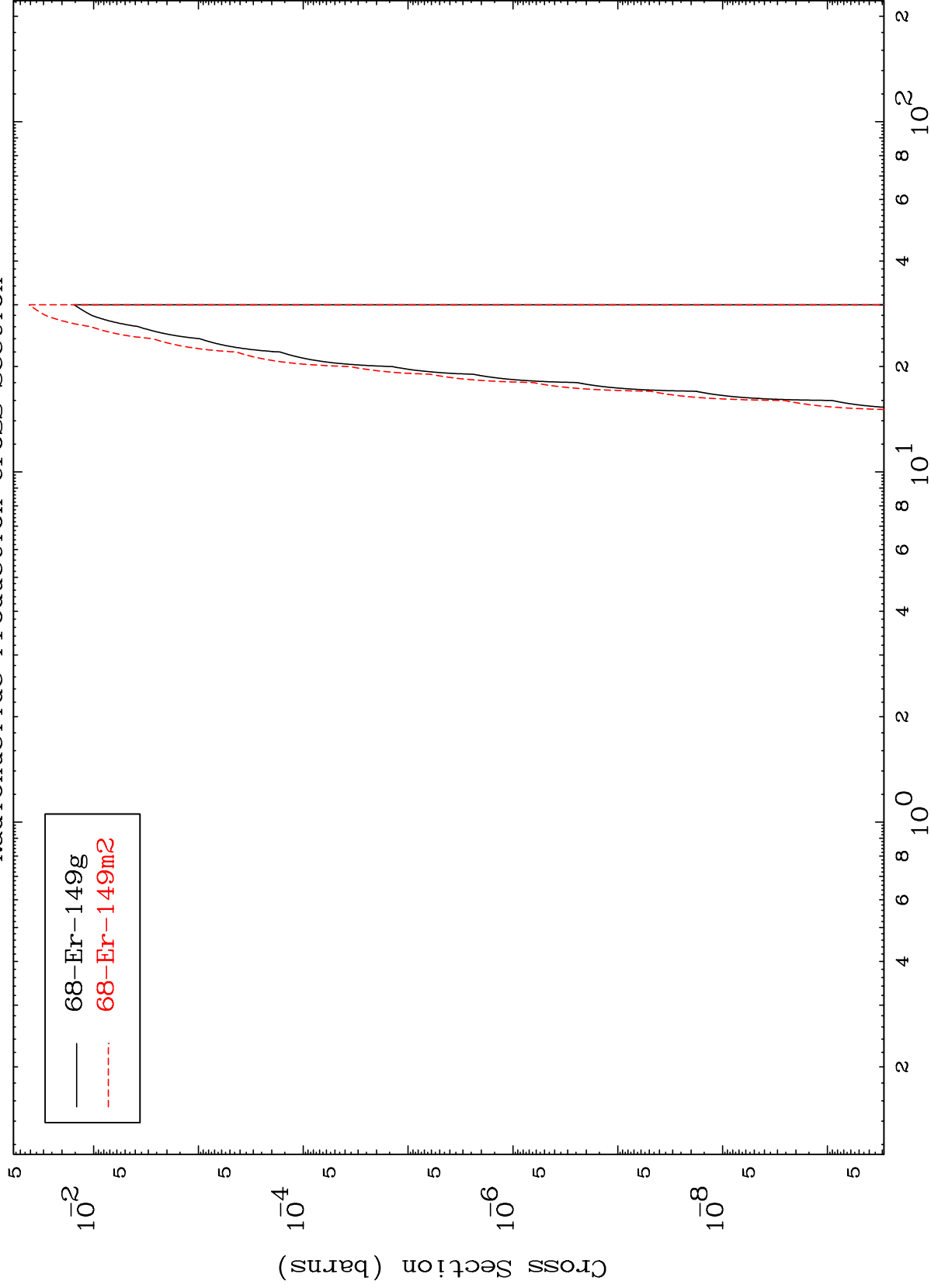
68-Er-149m

MAT 6787

(n,He-3)

68-Er-149m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

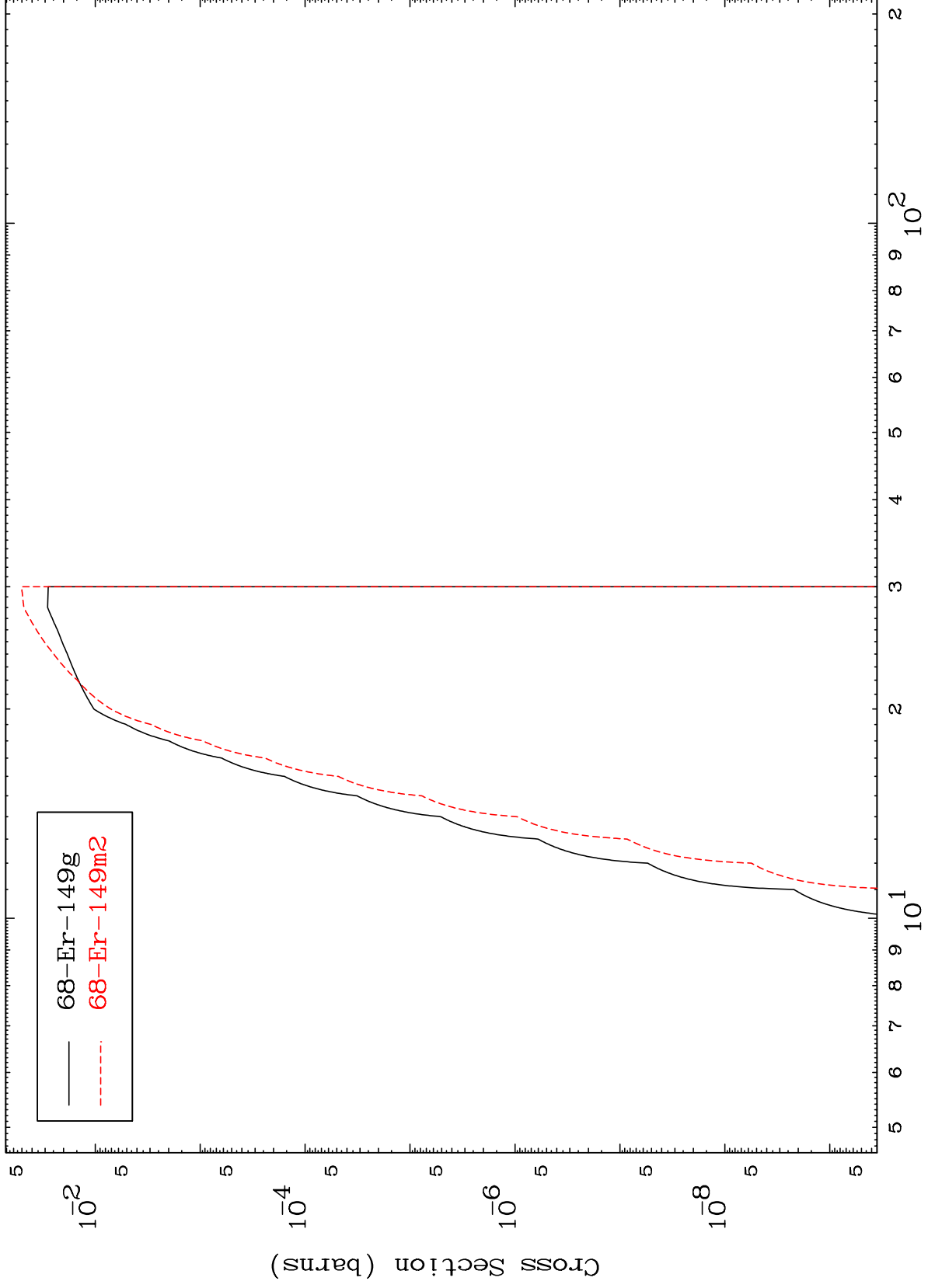
68-Er-149m

MAT 6787

(n,p) d

68-Er-149m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

68-Er-149m