

Program EVALPLOT
(Version 2018-1)

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

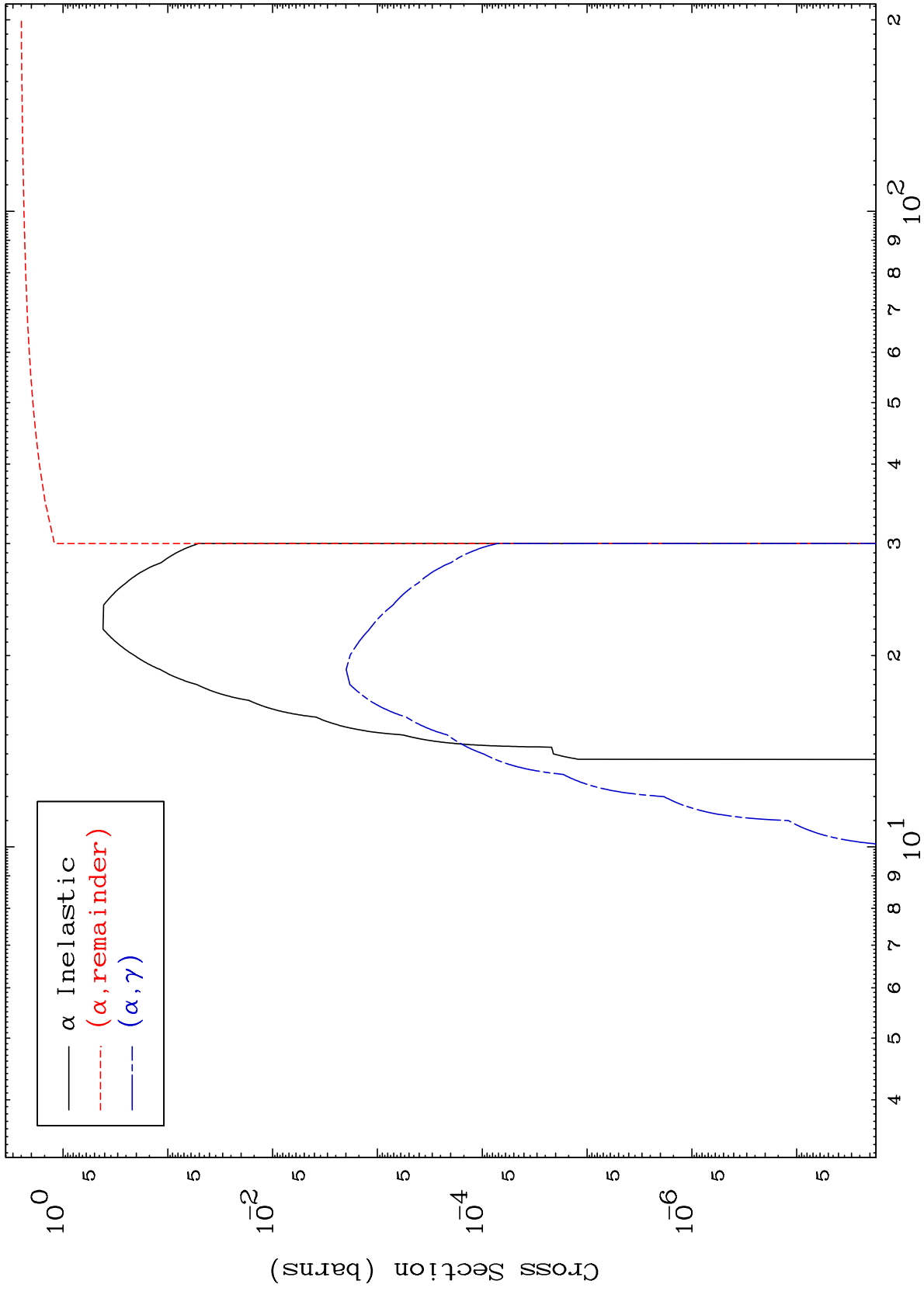
Press Mouse Button to Start

MAT 6895

α Major

69-Tm-159

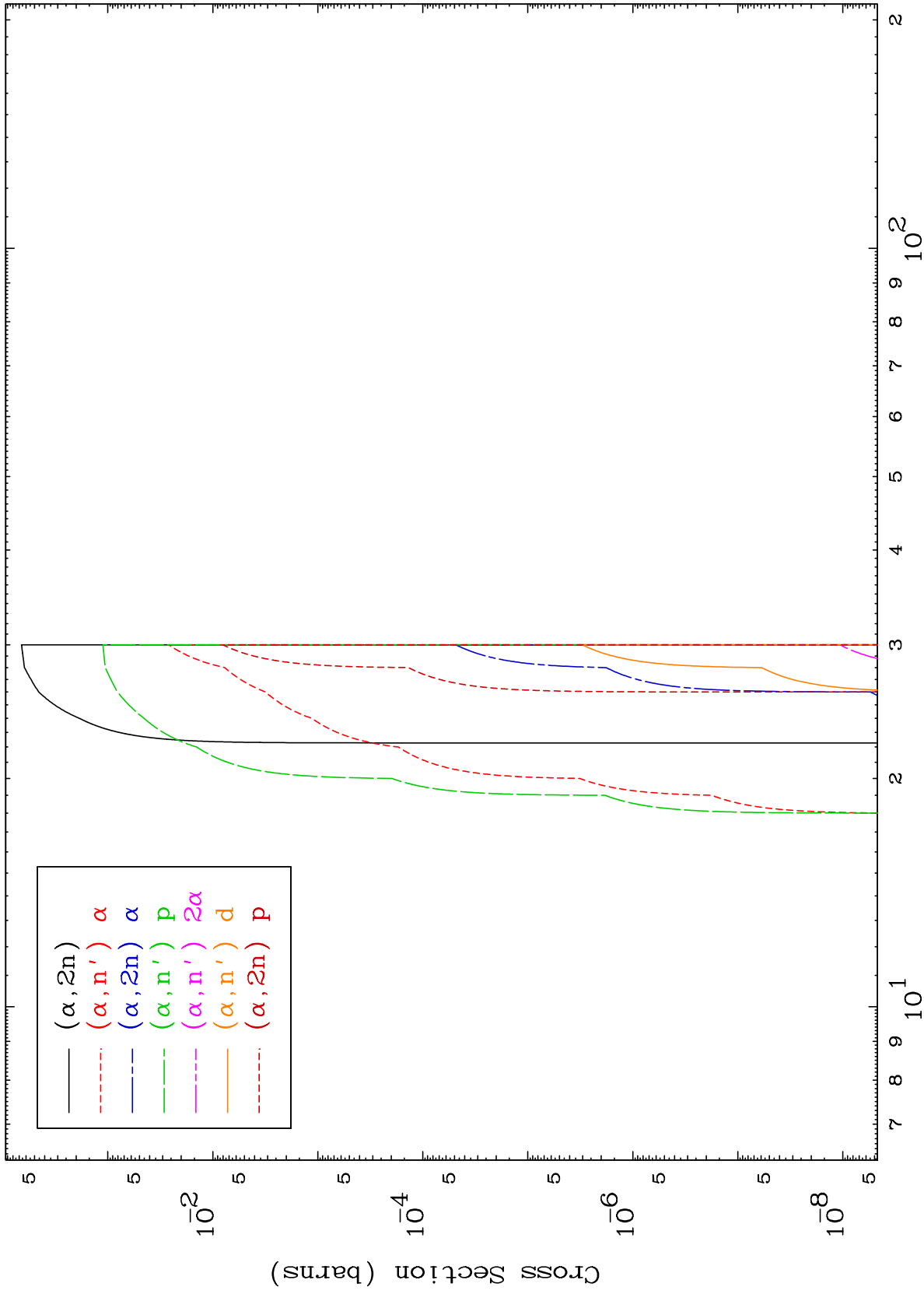
0 Kelvin Cross Sections



MAT 6895

α Neutron Production
0 Kelvin Cross Sections

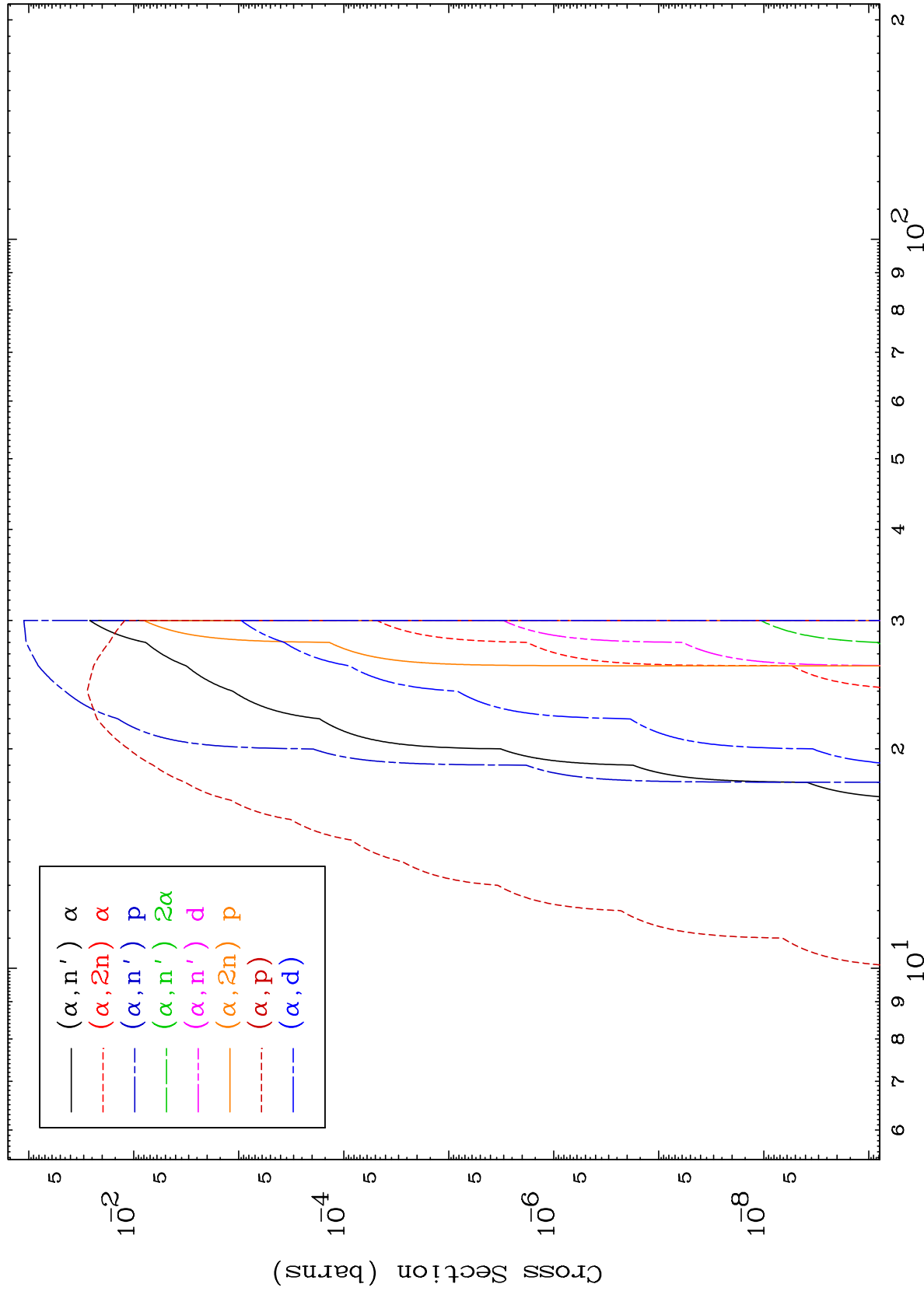
69-Tm-159



2

Incident Energy (MeV)

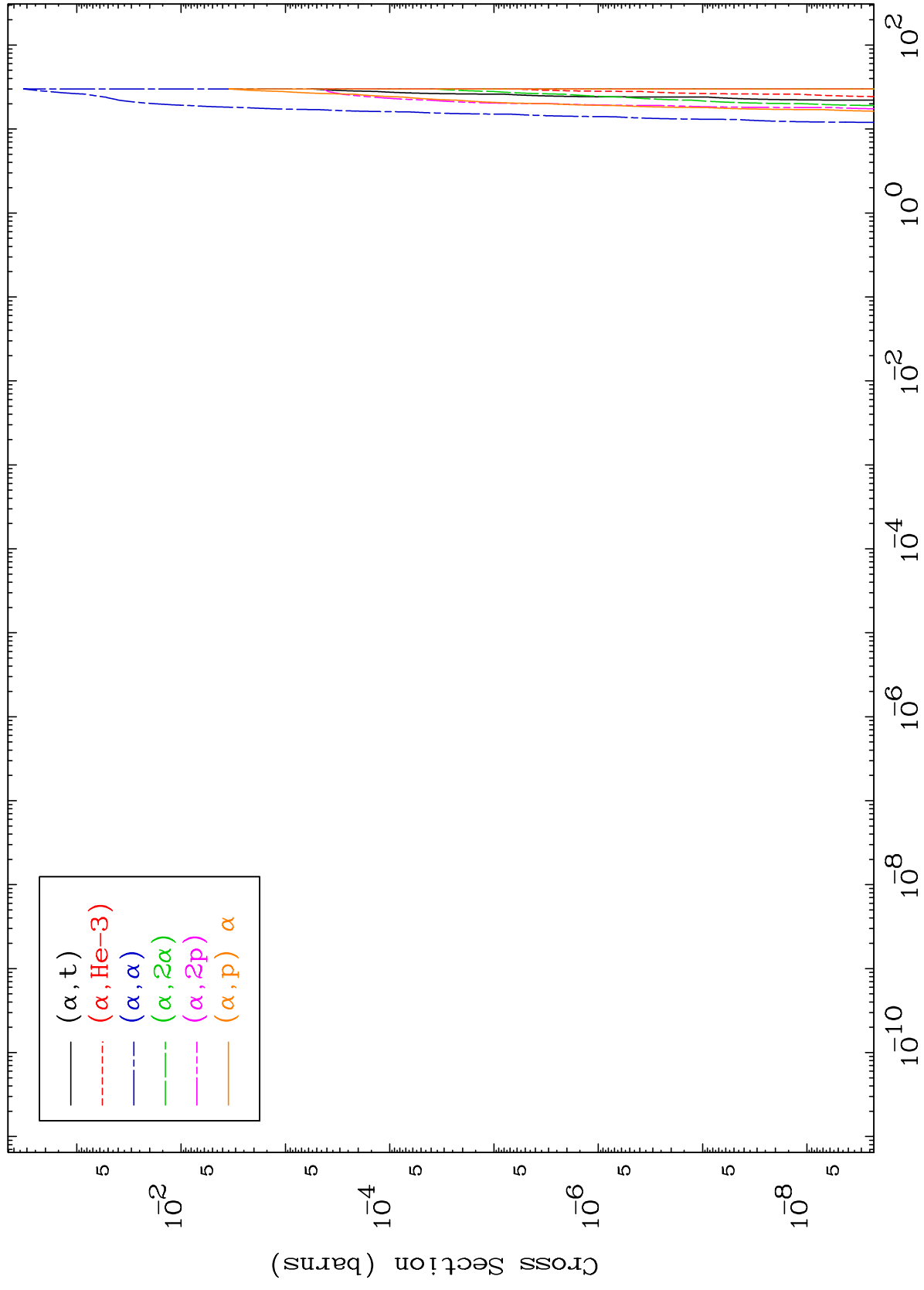
69-Tm-159



MAT 6895

α Charged Particle
0 Kelvin Cross Sections

69-Tm-159

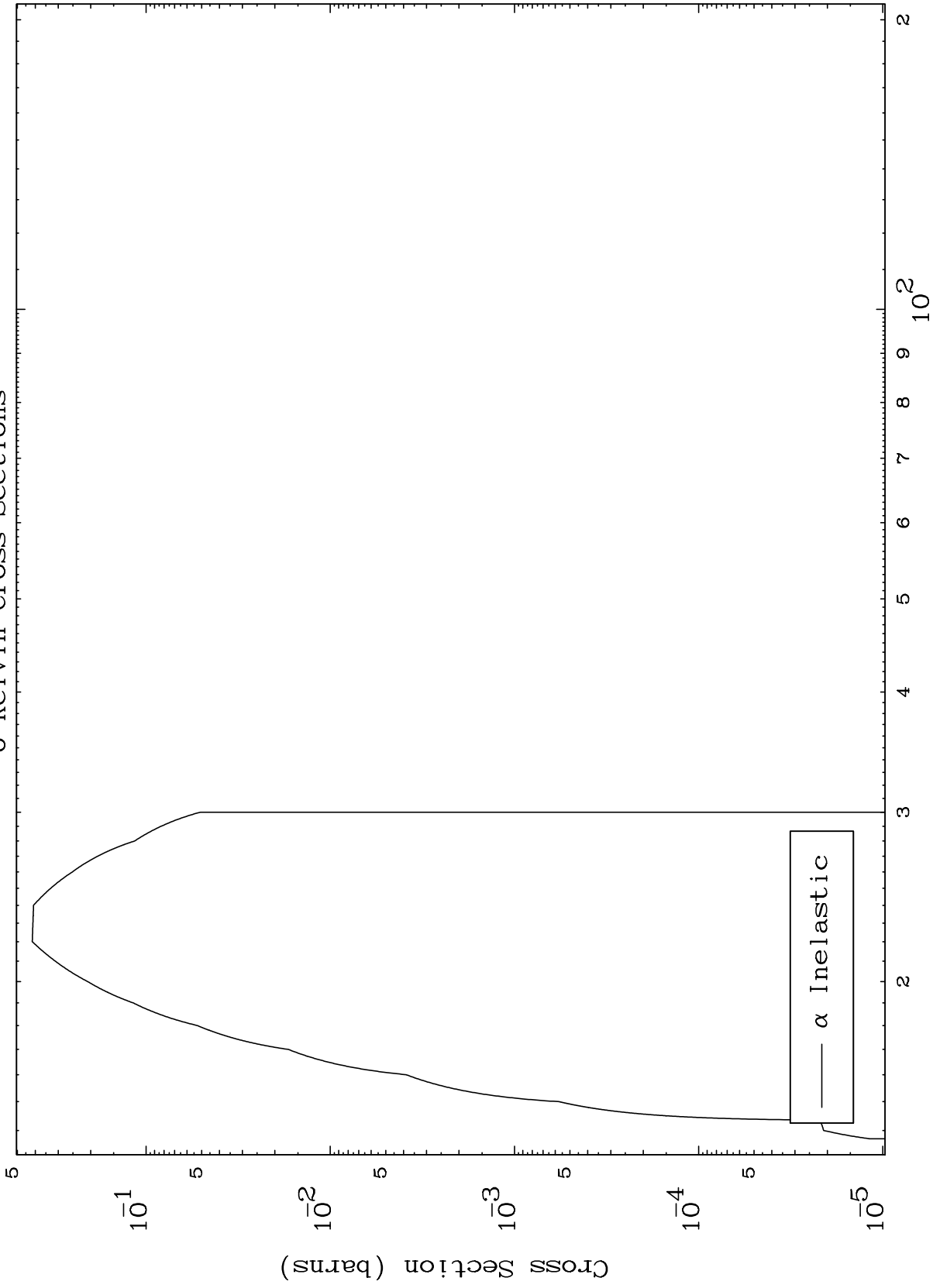


69-Tm-159

MAT 6895

(α, n') Level
0 Kelvin Cross Sections

69-Tm-159



5

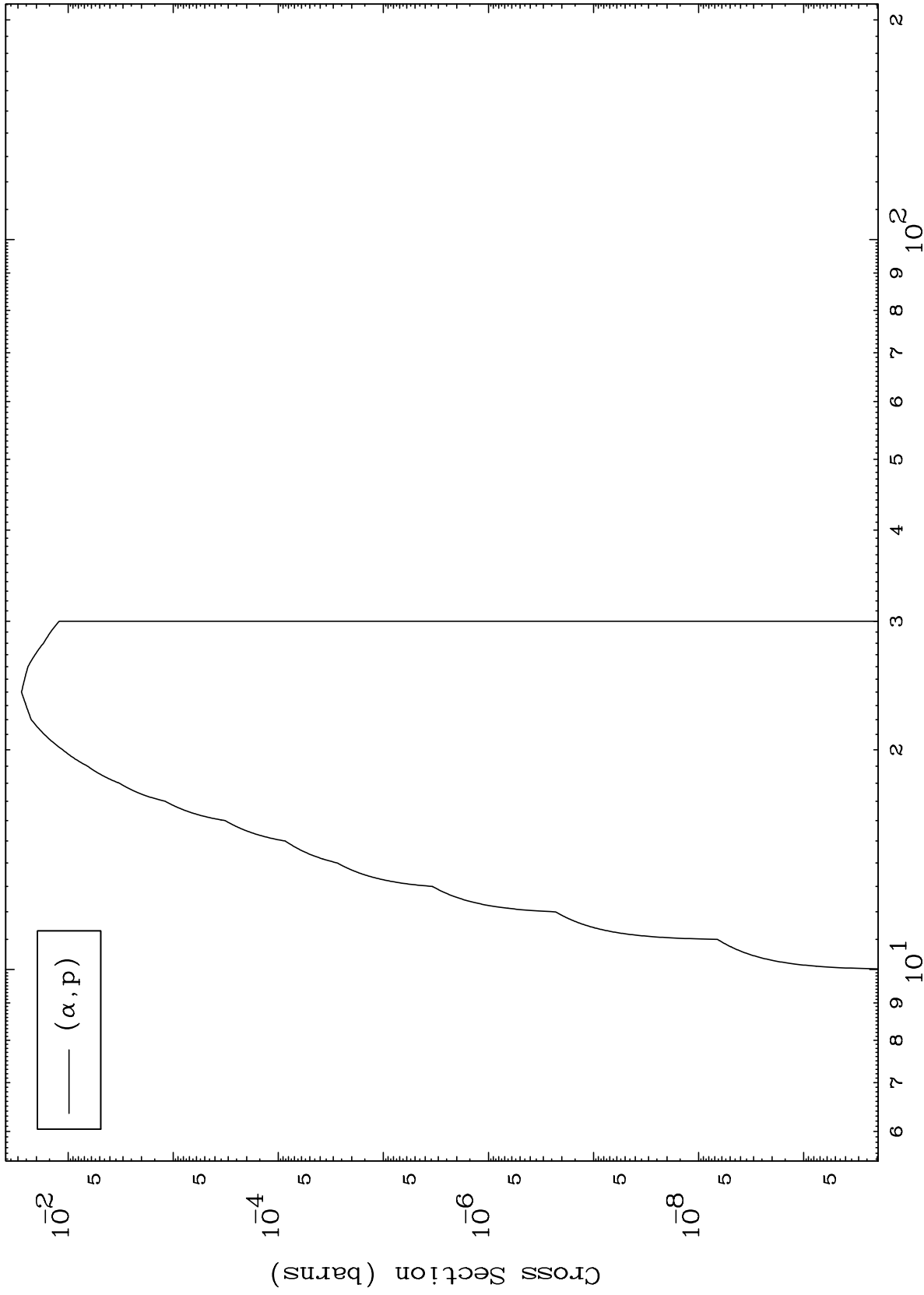
Incident Energy (MeV)

69-Tm-159

MAT 6895

(α, p) Levels
0 Kelvin Cross Sections

69-Tm-159



6

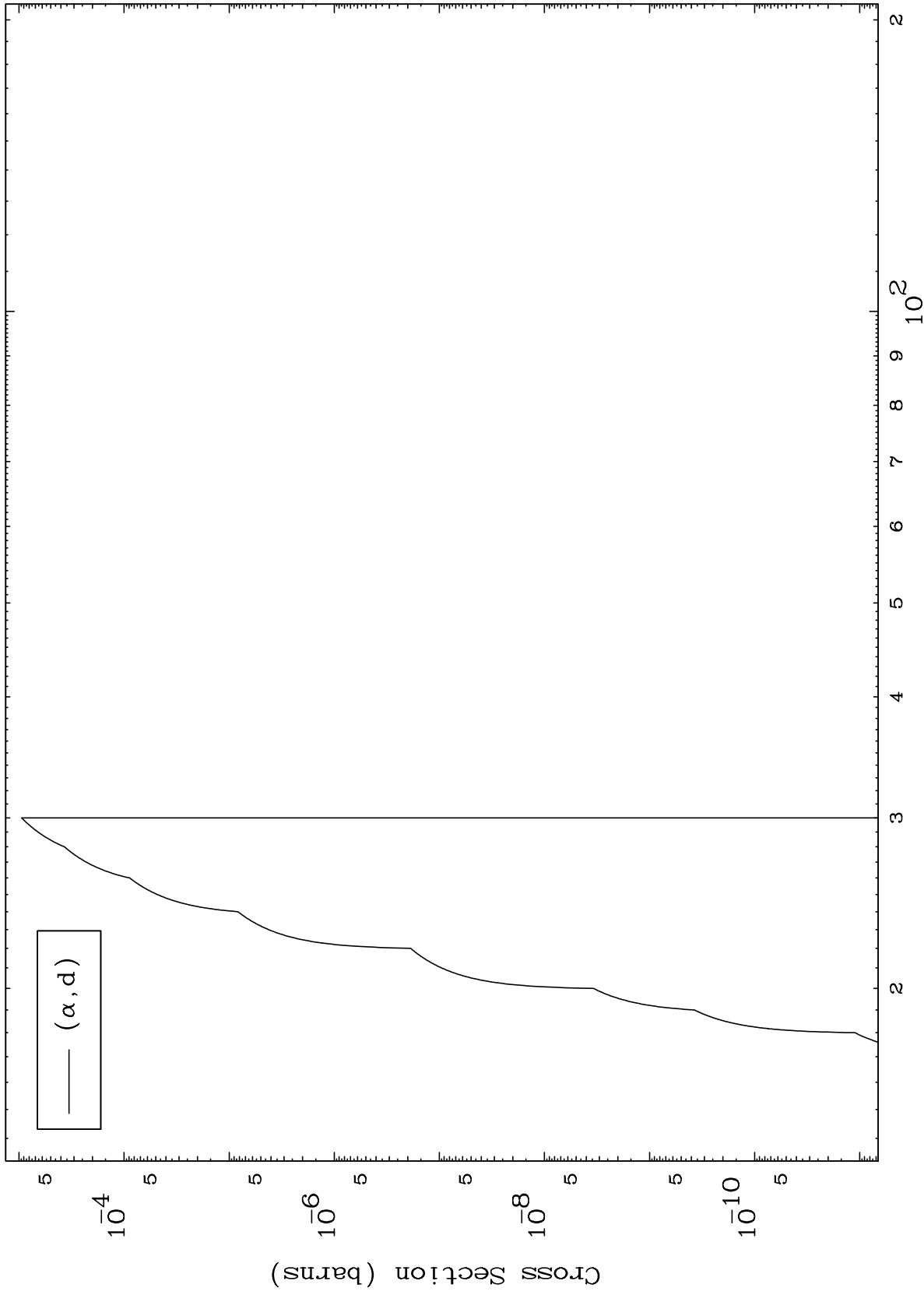
Incident Energy (MeV)

69-Tm-159

MAT 6895

(α, d) Levels
0 Kelvin Cross Sections

69-Tm-159



7

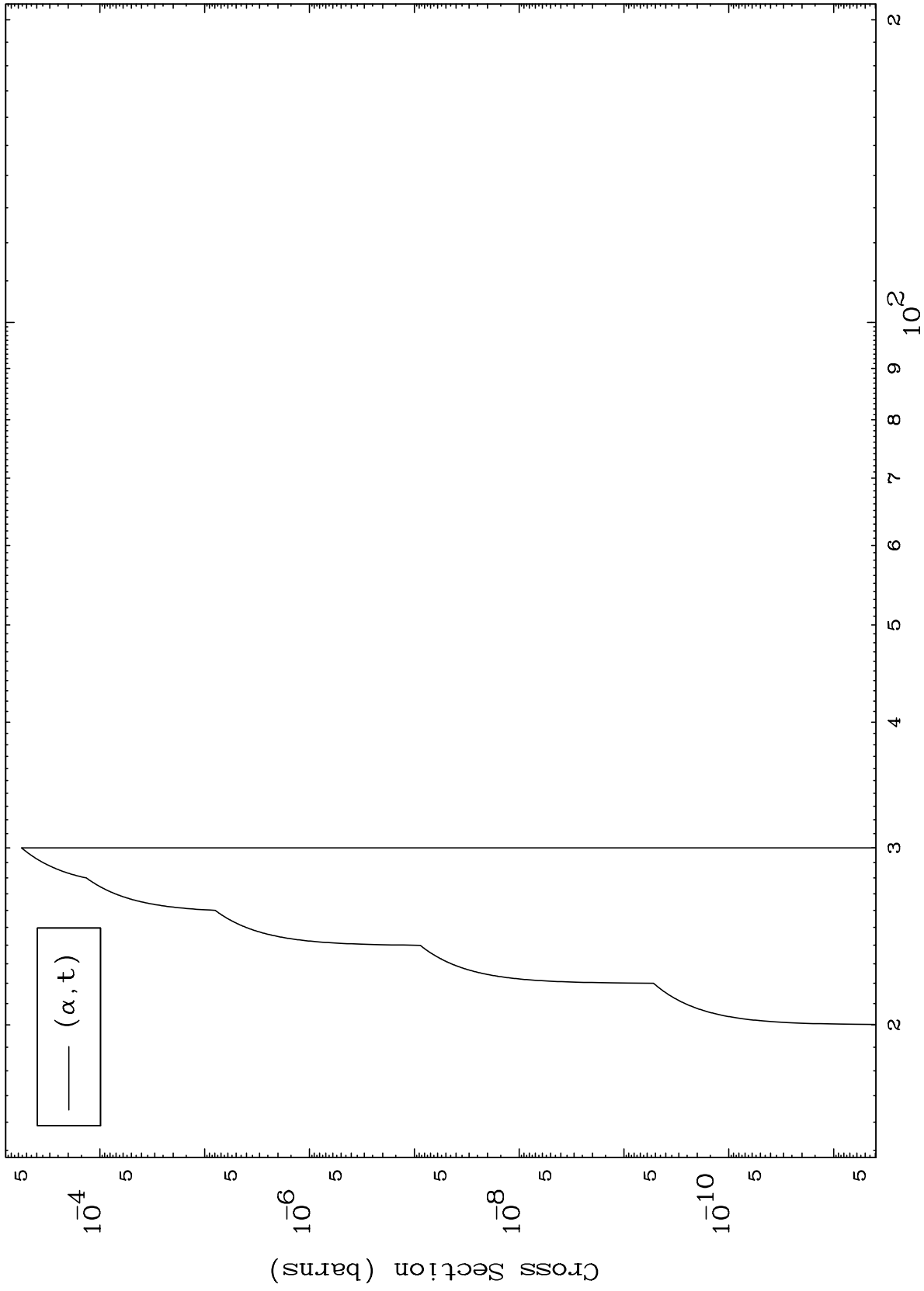
Incident Energy (MeV)

69-Tm-159

MAT 6895

(α, t) Levels
0 Kelvin Cross Sections

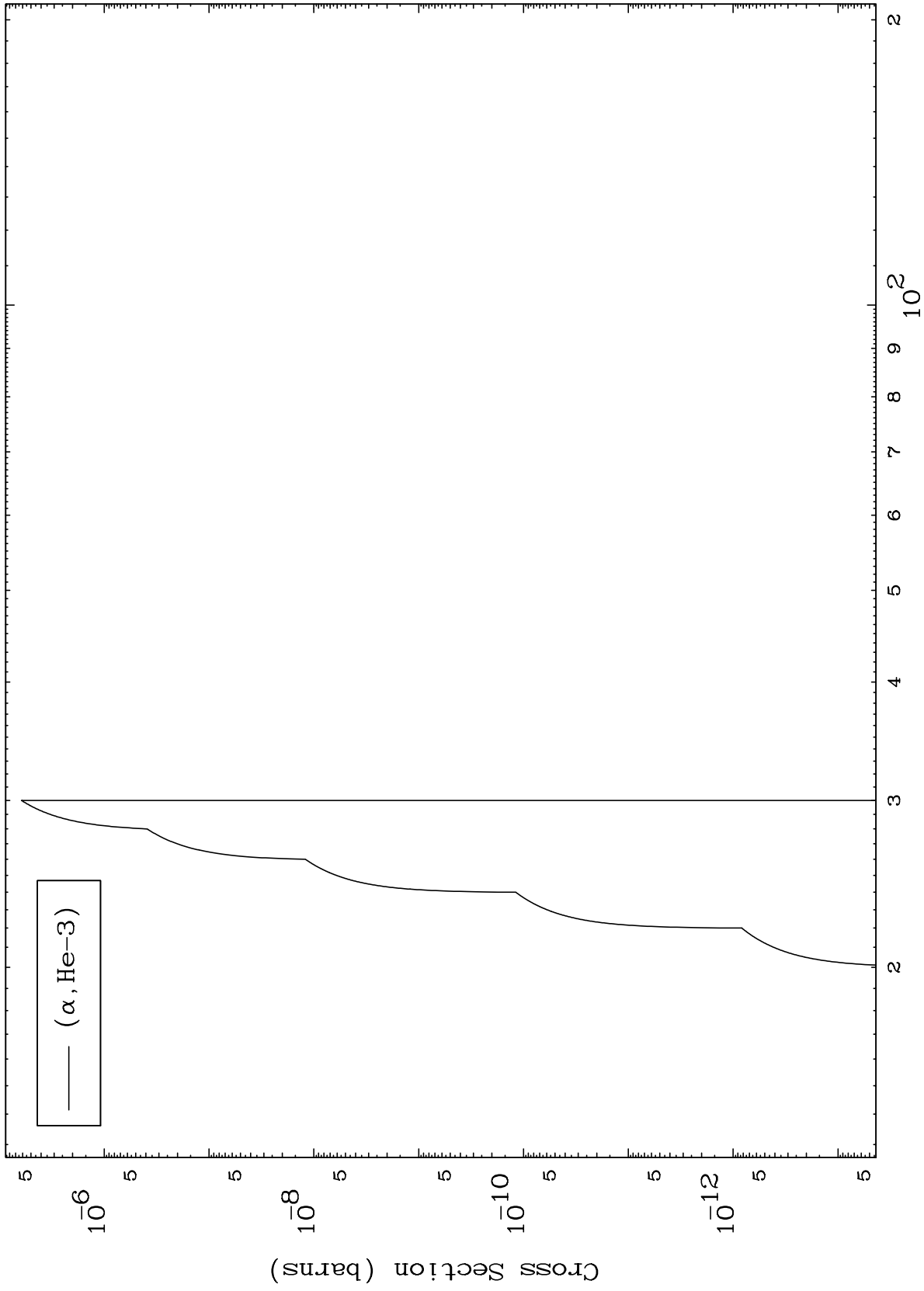
69-Tm-159



8

Incident Energy (MeV)

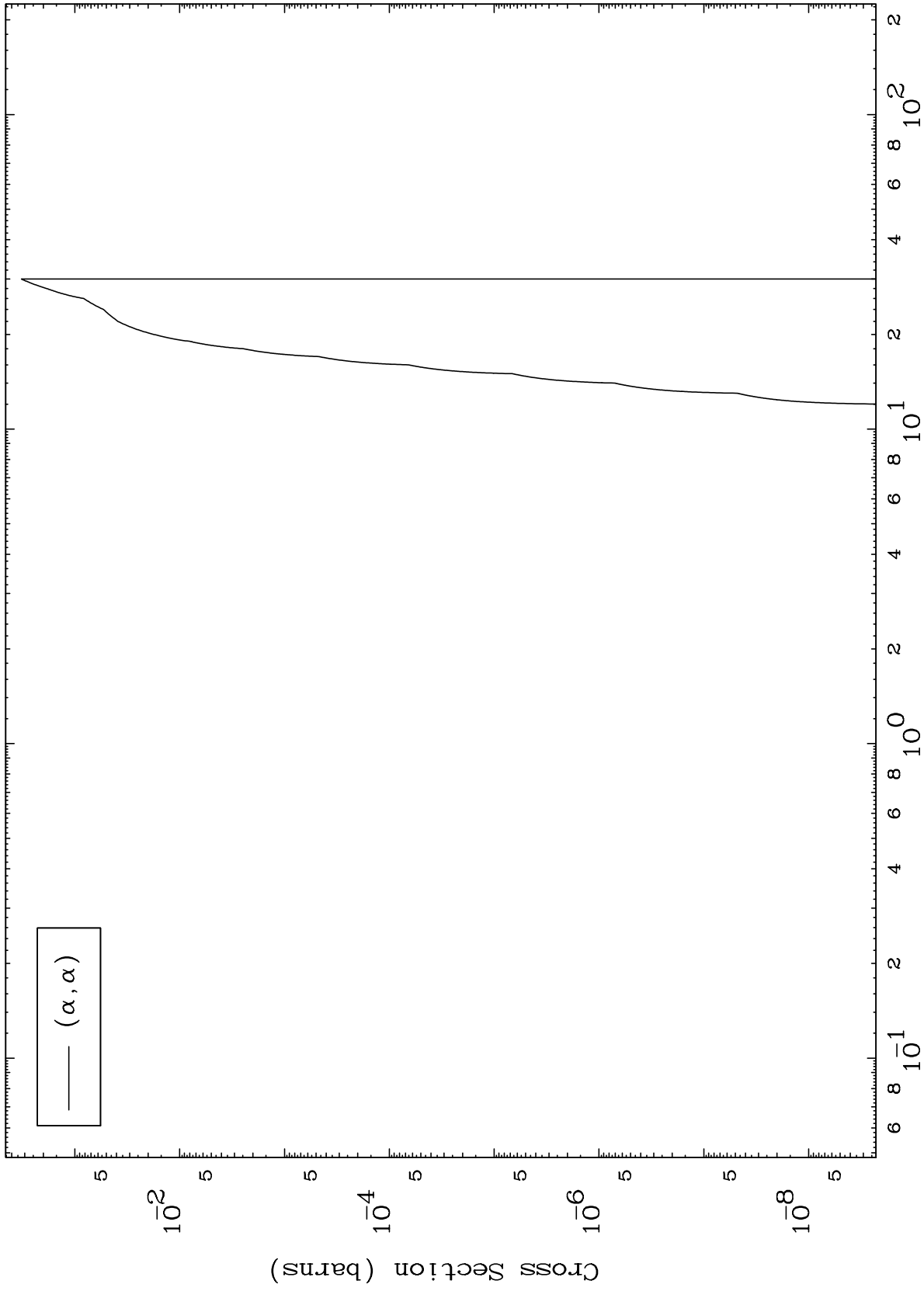
69-Tm-159



MAT 6895

(α, α) Levels
0 Kelvin Cross Sections

69-Tm-159

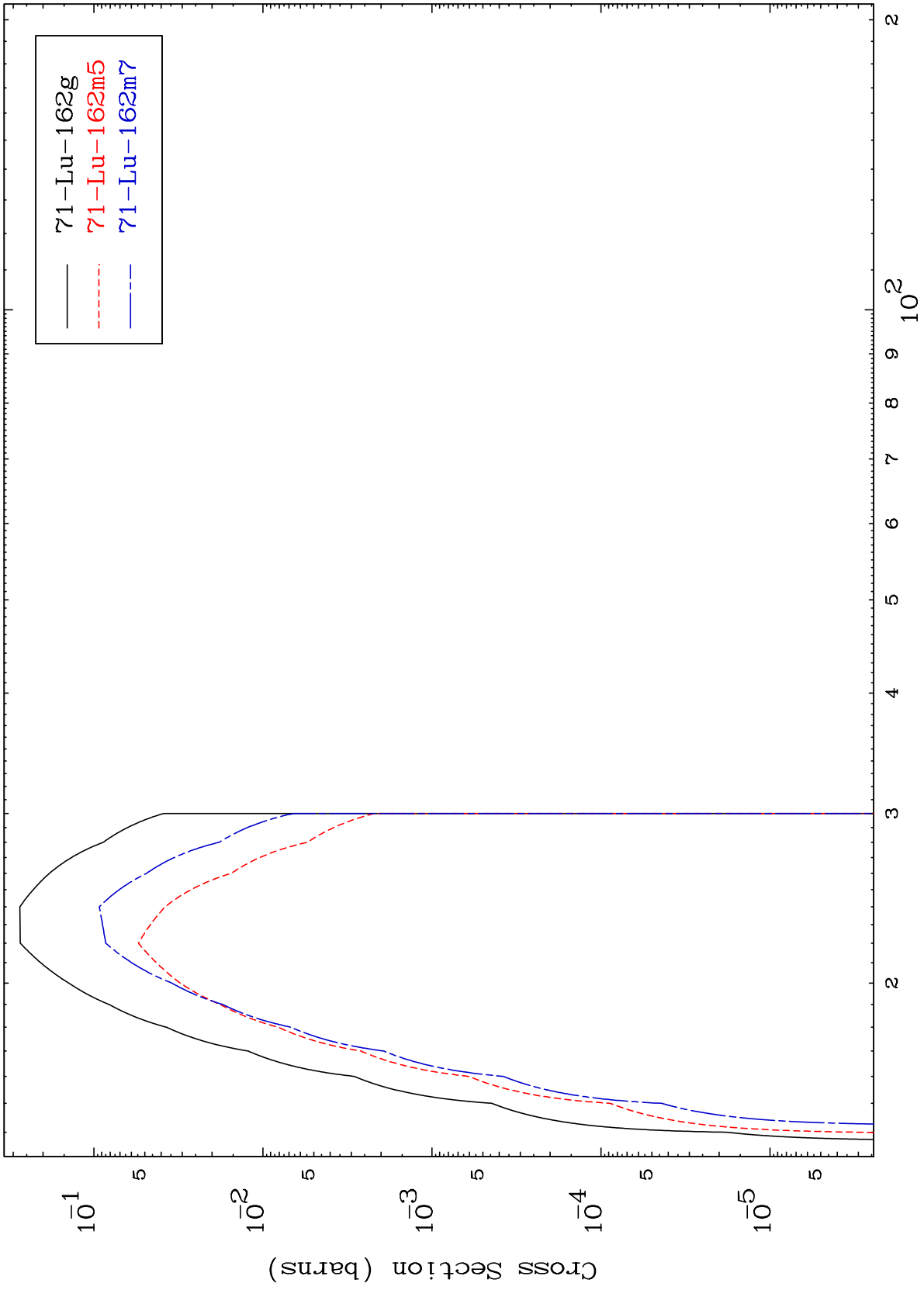


10

Incident Energy (MeV)

69-Tm-159

Radionuclide Production Cross Section

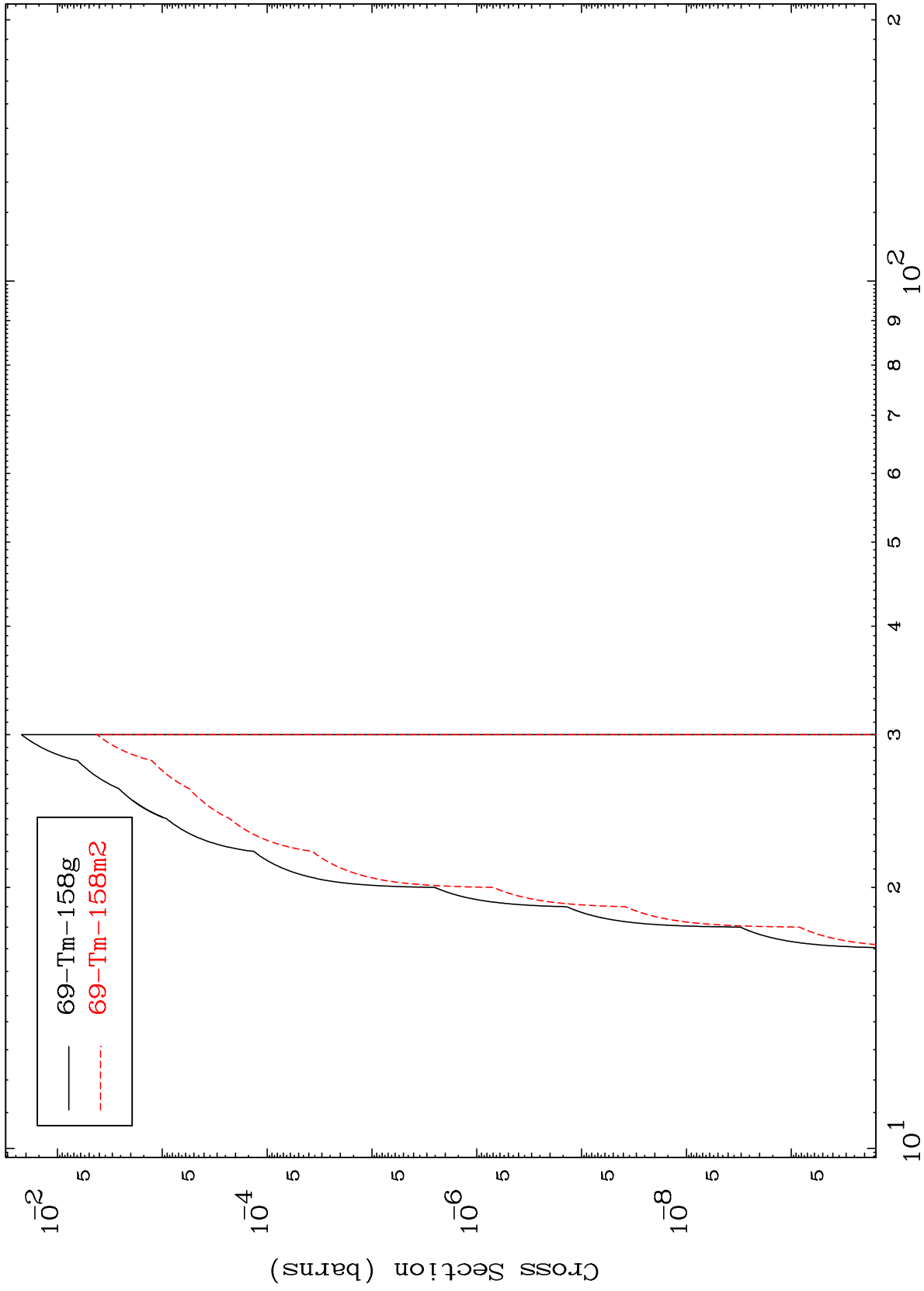


MAT 6895

(α, n') α

69-Tm-159

Radionuclide Production Cross Section



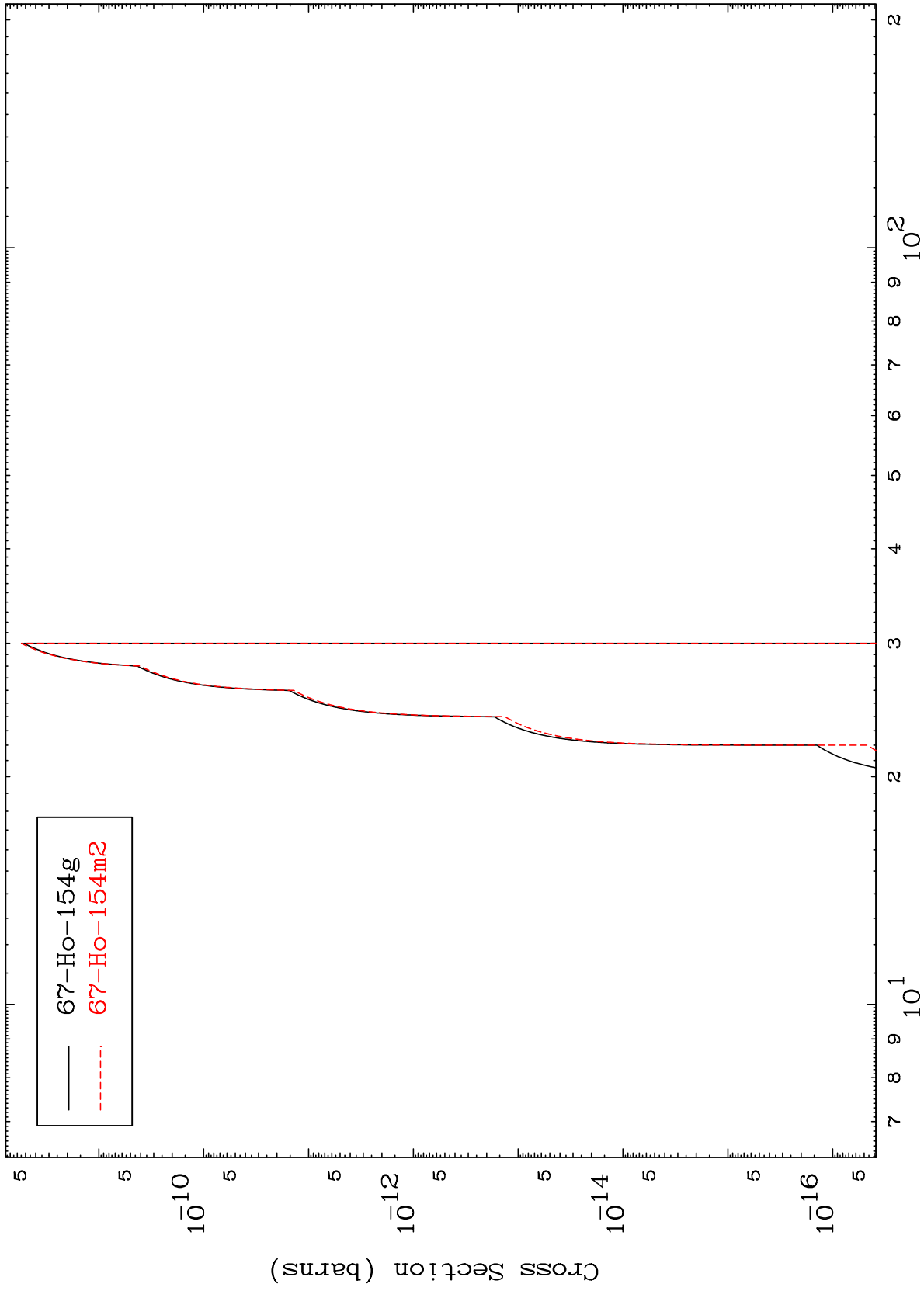
69-Tm-158g
69-Tm-158m2

69-Tm-159

MAT 6895

69-Tm-159

(α, n') 2α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

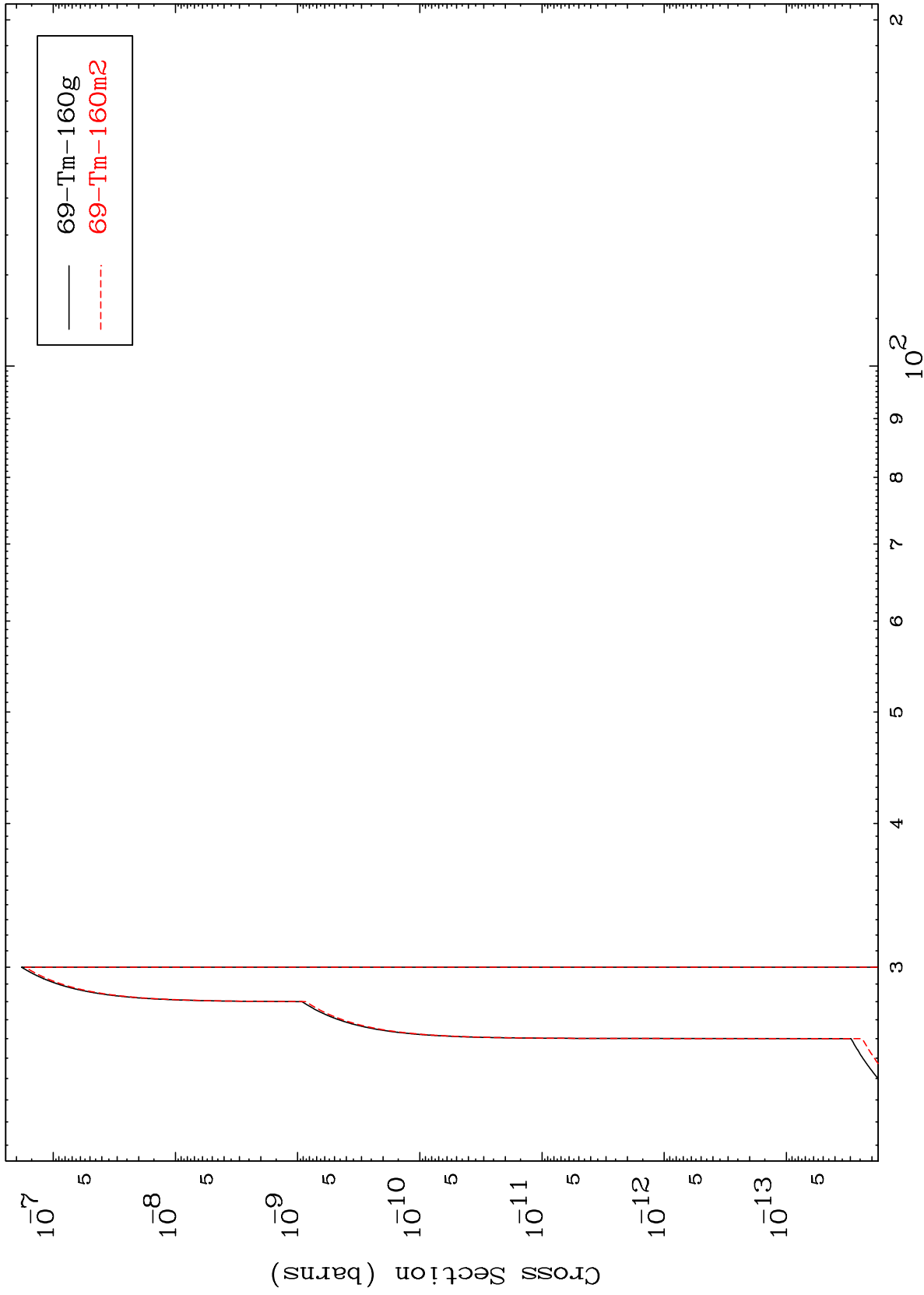
69-Tm-159

MAT 6895

($\alpha, 2n$) p

69-Tm-159

Radionuclide Production Cross Section



14

Incident Energy (MeV)

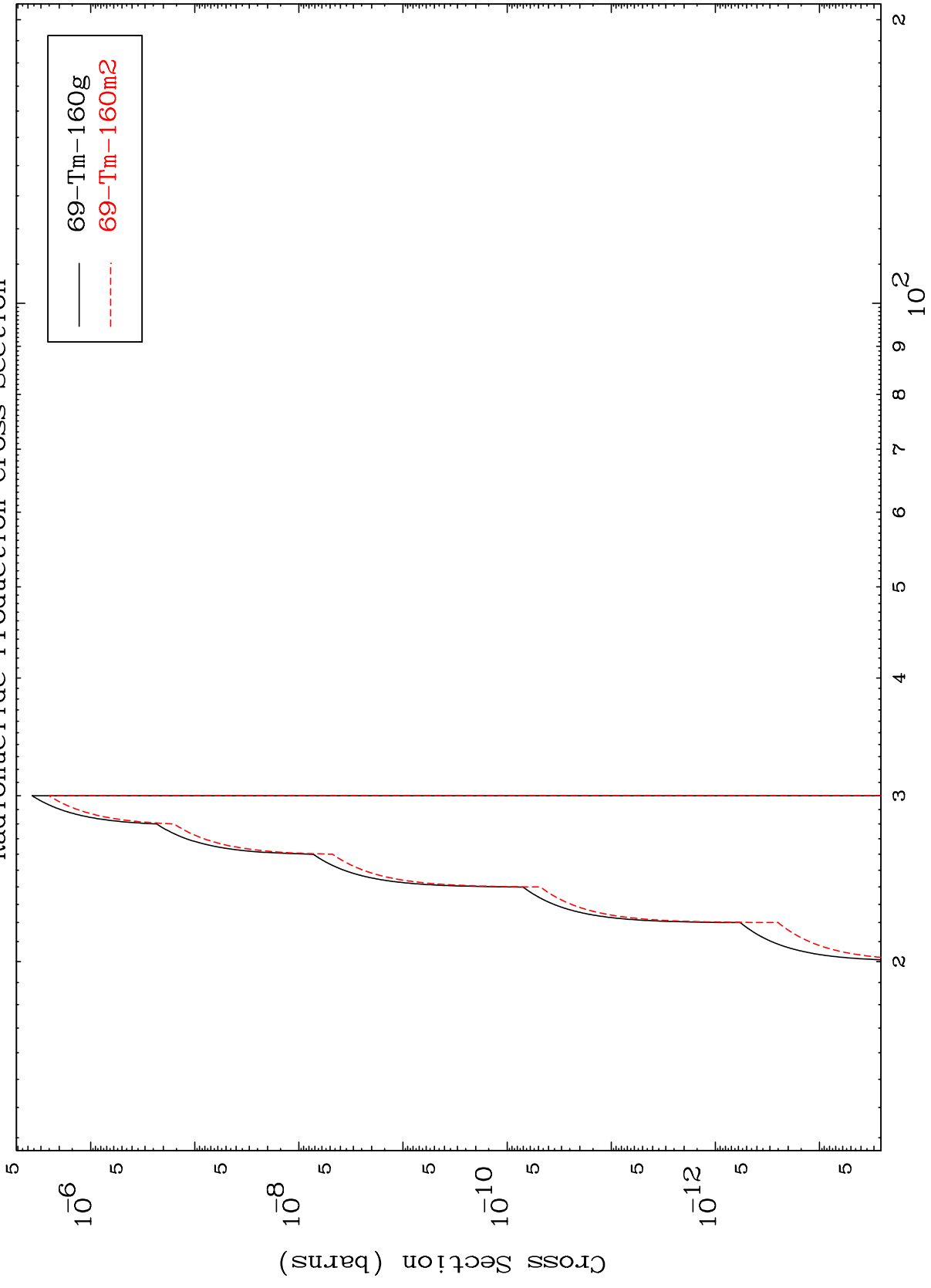
69-Tm-159

MAT 6895

($\alpha, \text{He-3}$)

69-Tm-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

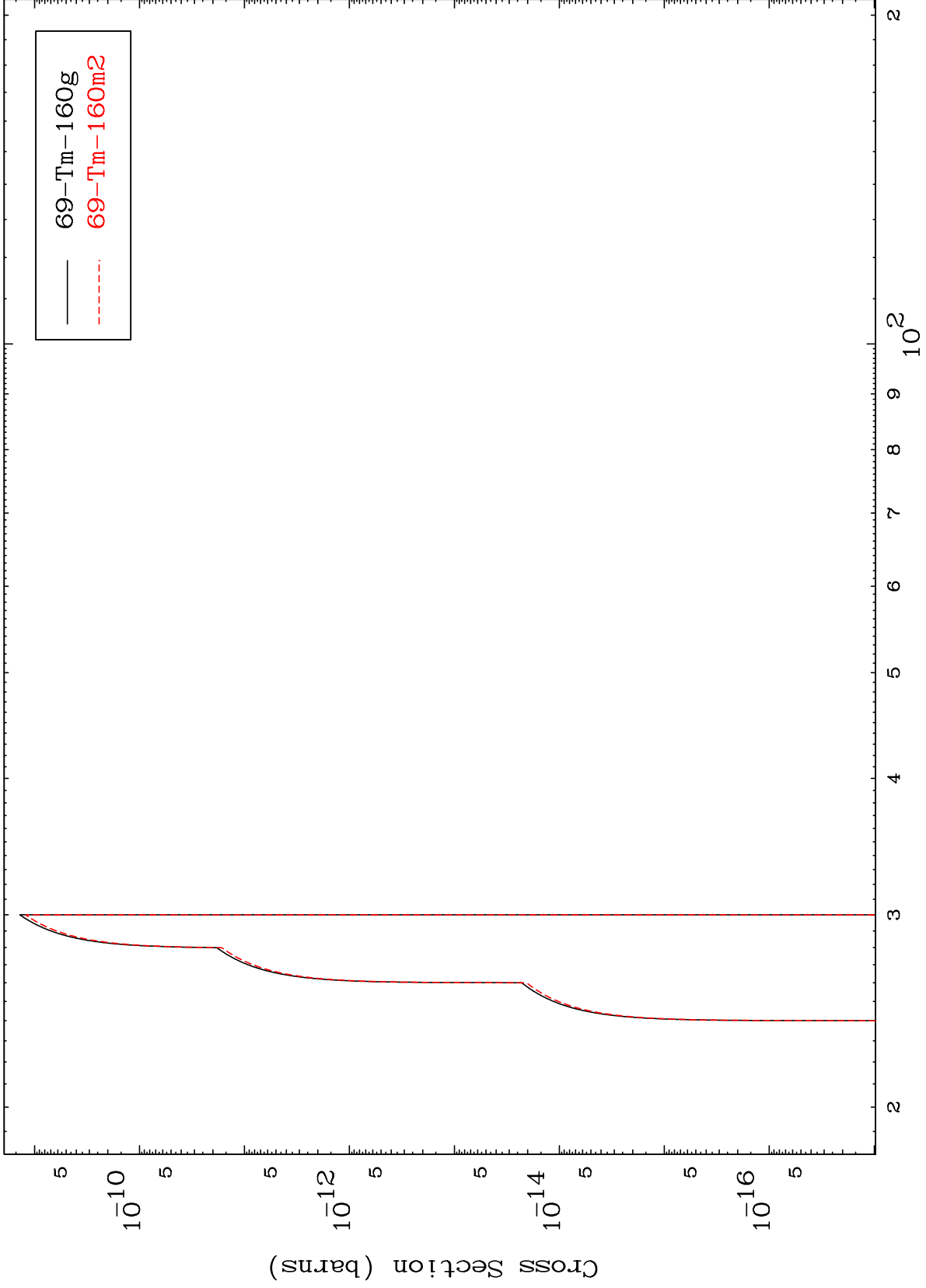
69-Tm-159

MAT 6895

(α, p) d

69-Tm-159

Radionuclide Production Cross Section



16

Incident Energy (MeV)

69-Tm-159