

Program EVALPLOT
(Version 2018-1)

by

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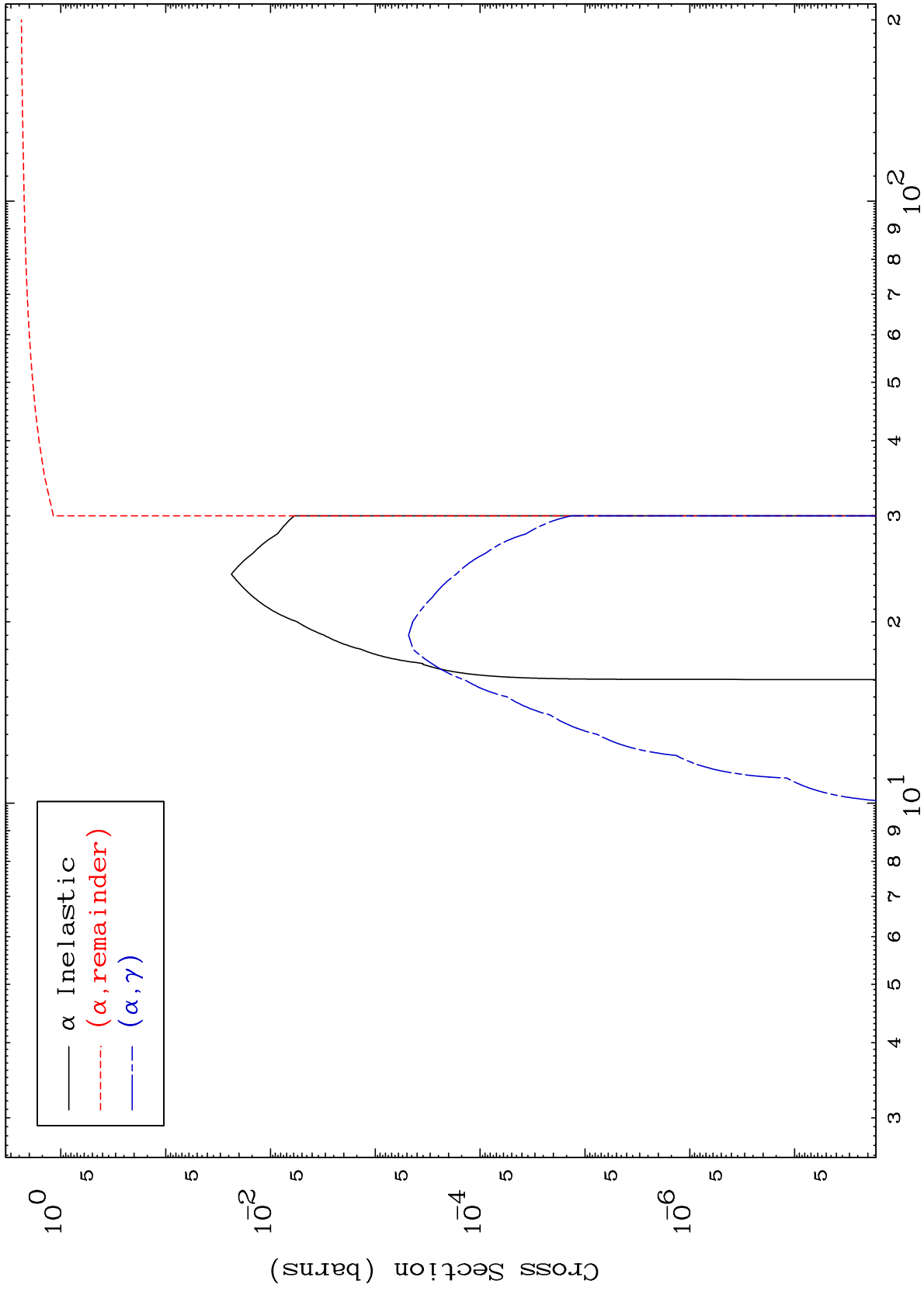
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6589

0 Kelvin α Major
Cross Sections

66-Dy-144



1

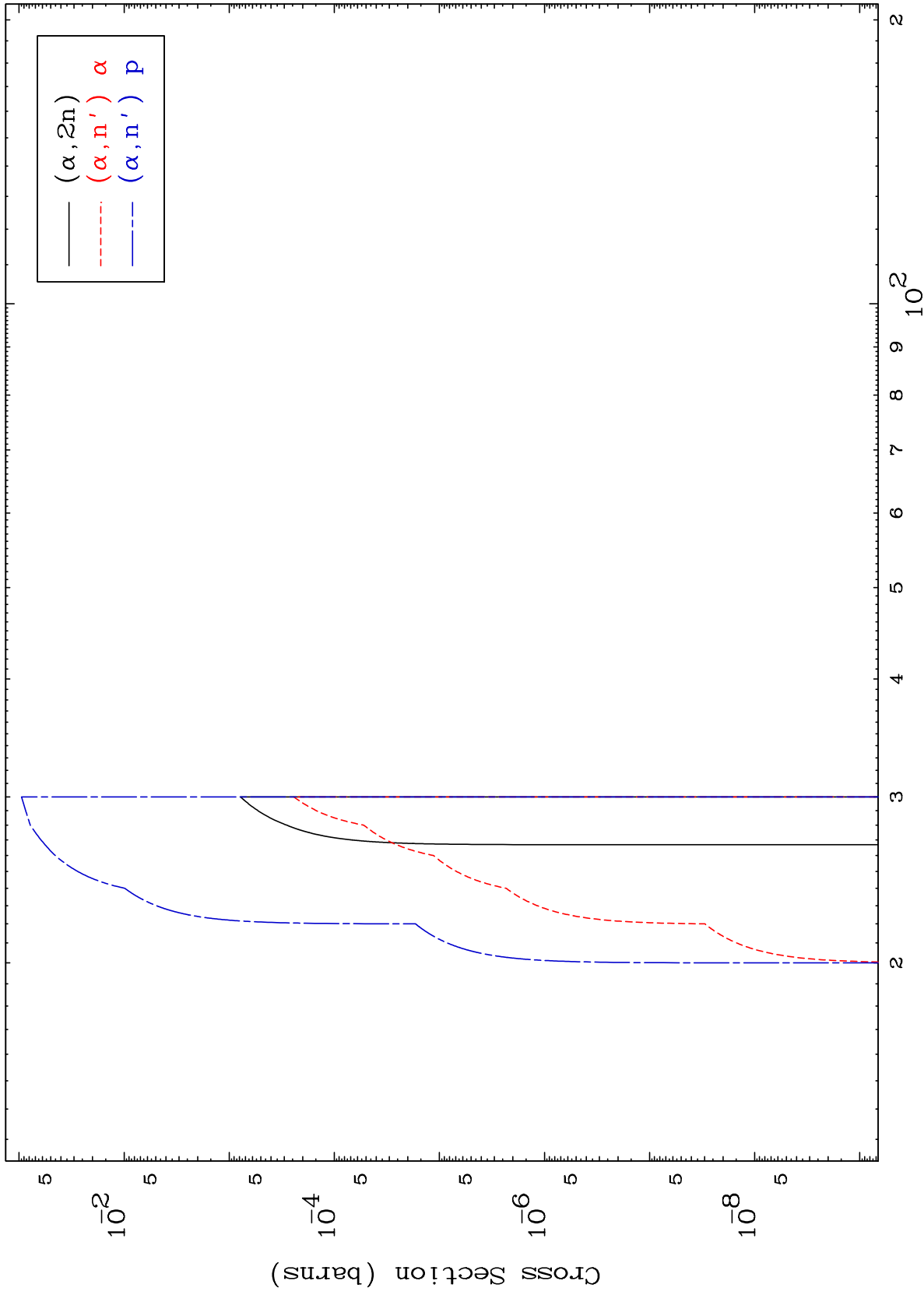
Incident Energy (MeV)

66-Dy-144

MAT 6589

α Neutron Production
0 Kelvin Cross Sections

66-Dy-144



2

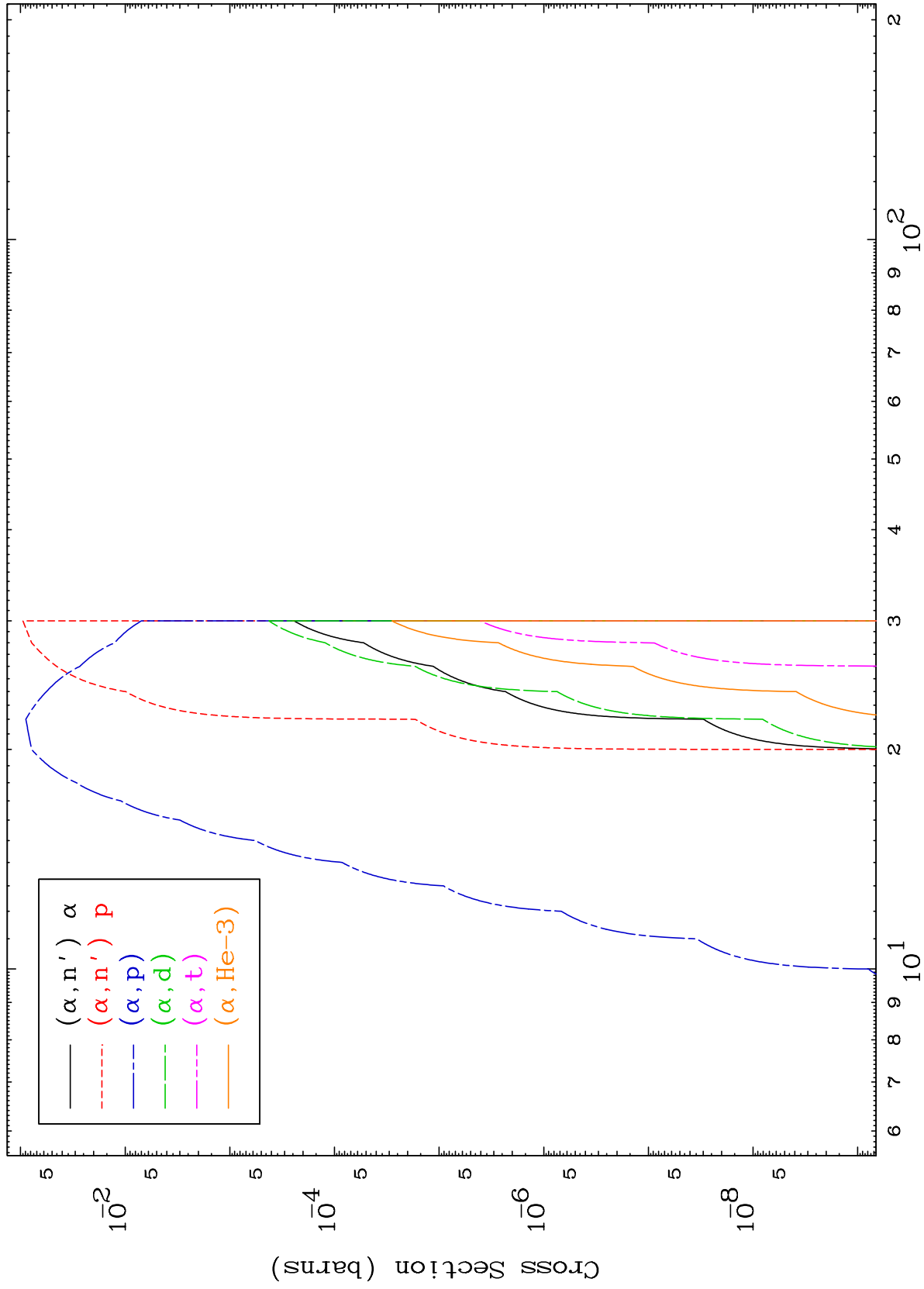
Incident Energy (MeV)

66-Dy-144

MAT 6589

α Charged Particle
0 Kelvin Cross Sections

66-Dy-144



3

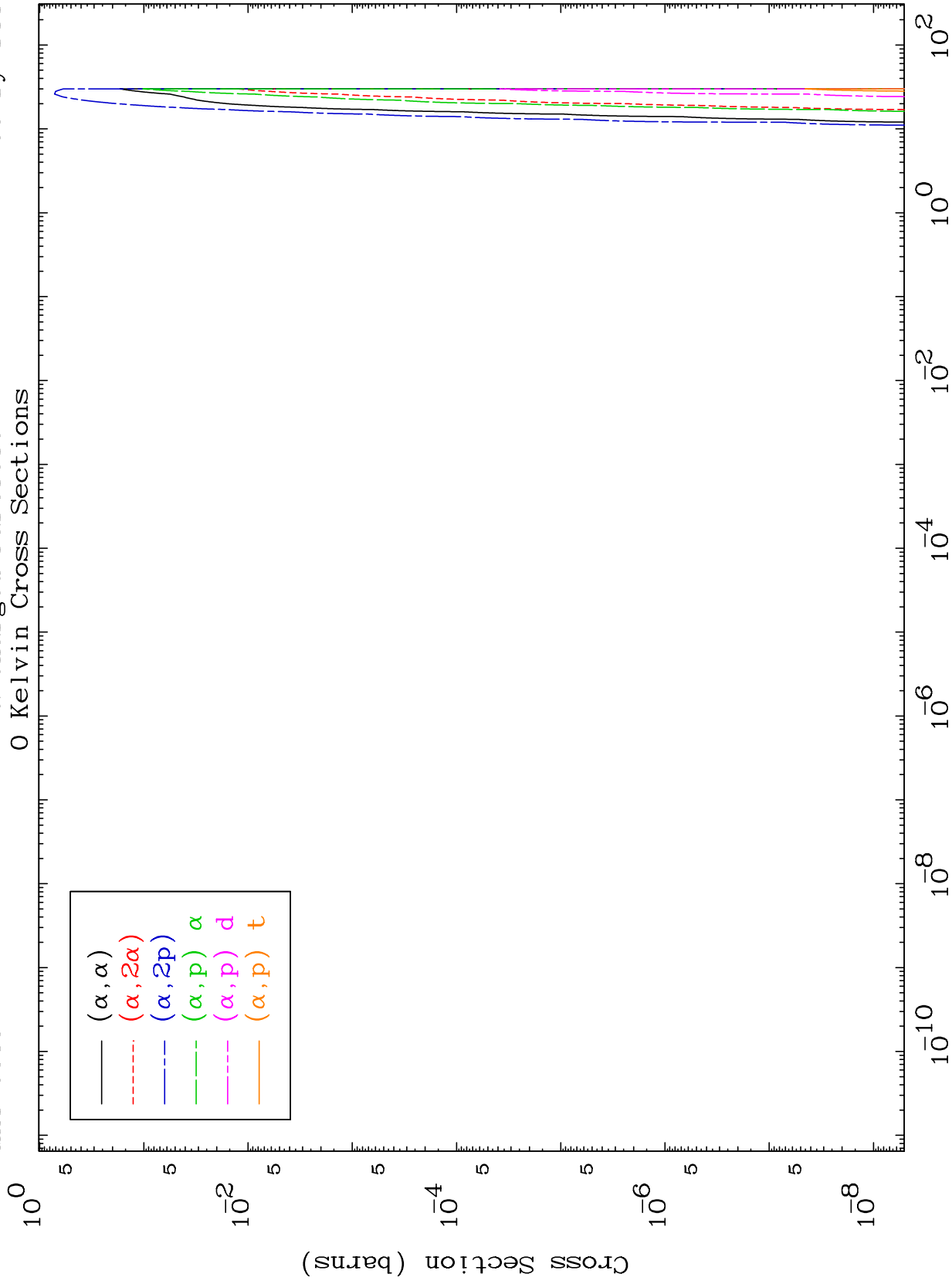
Incident Energy (MeV)

66-Dy-144

MAT 6589

α Charged Particle
0 Kelvin Cross Sections

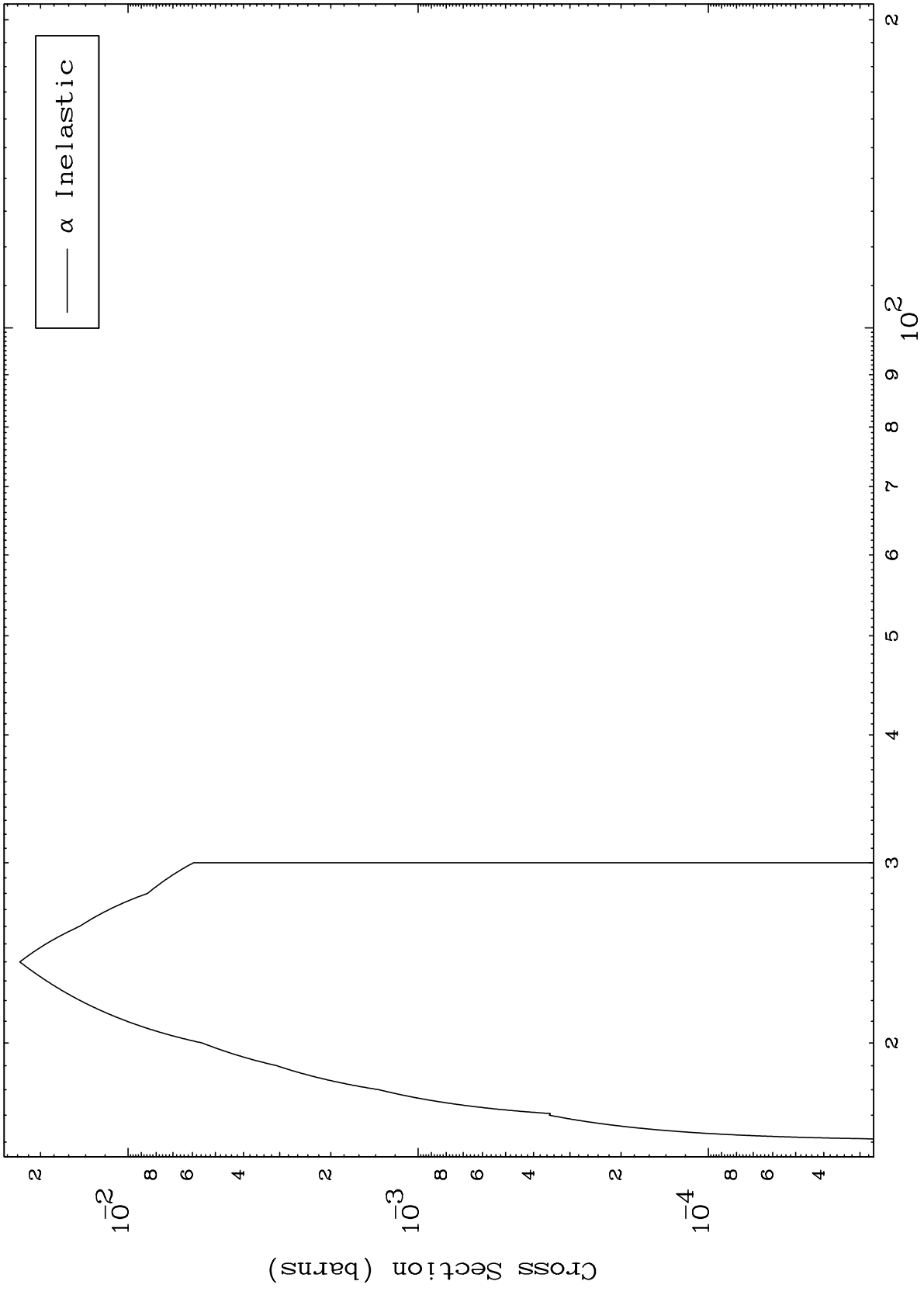
66-Dy-144



MAT 6589

(α, n') Level
0 Kelvin Cross Sections

66-Dy-144



5

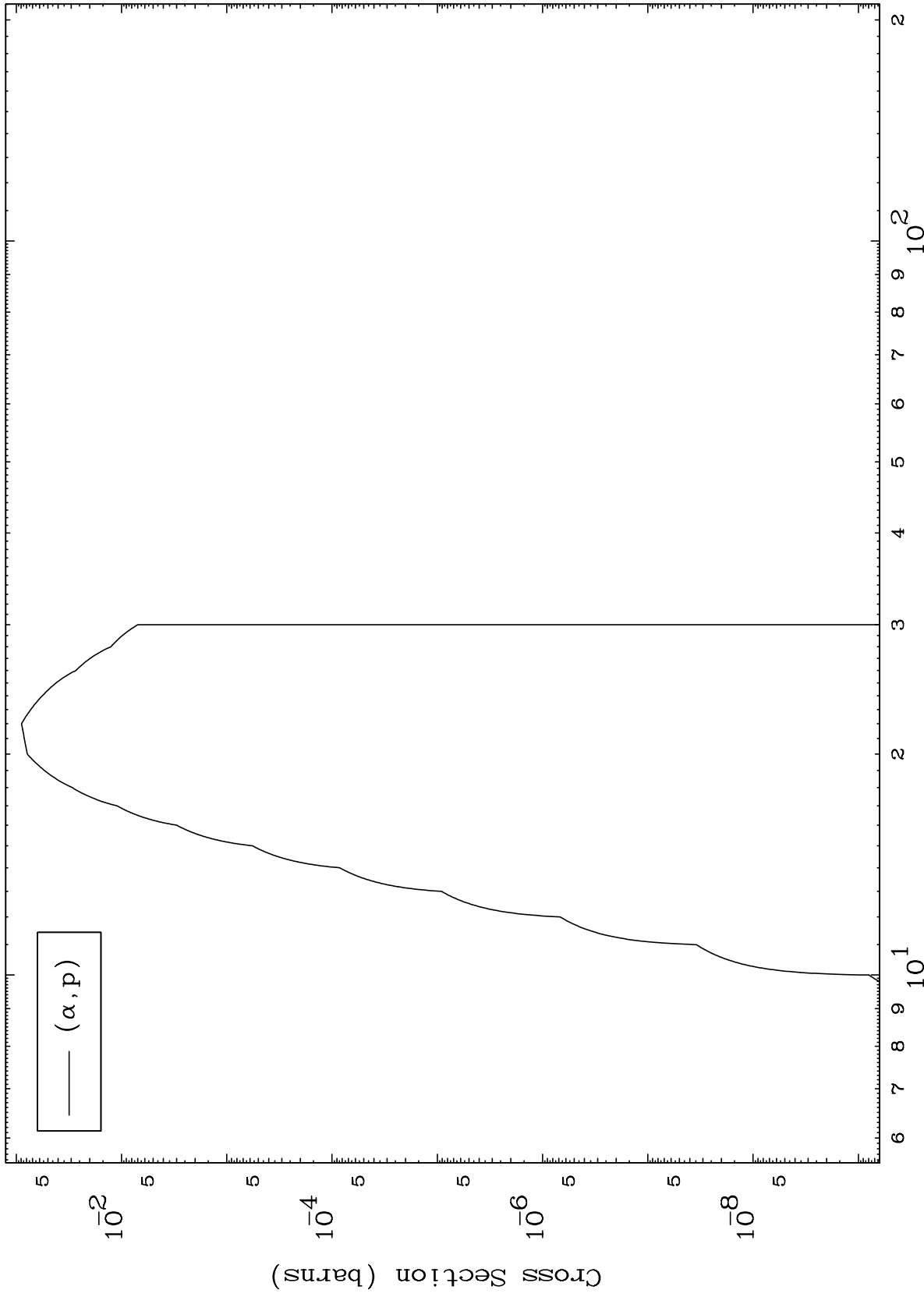
Incident Energy (MeV)

66-Dy-144

MAT 6589

(α, p) Levels
0 Kelvin Cross Sections

66-Dy-144



6

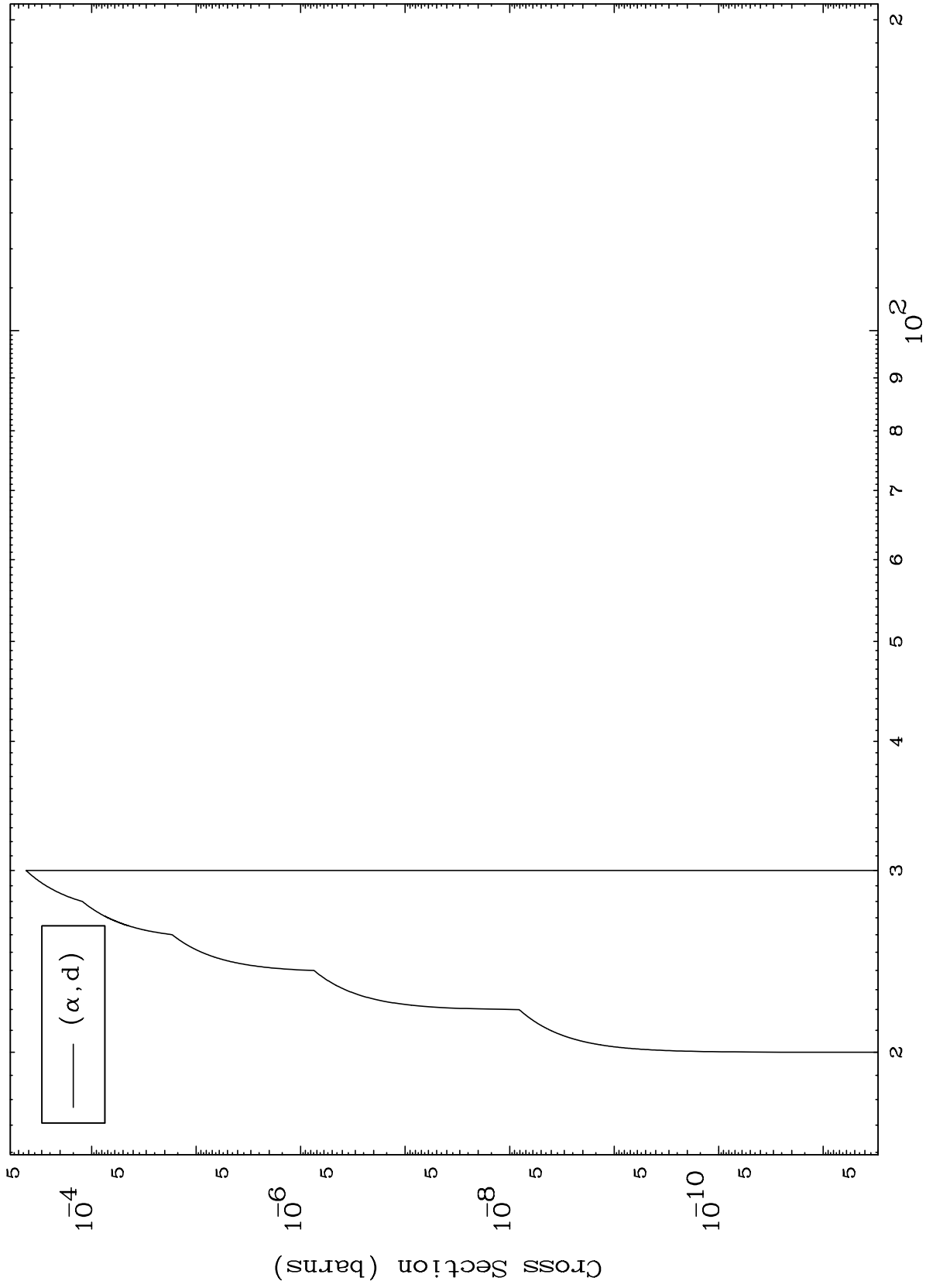
Incident Energy (MeV)

66-Dy-144

MAT 6589

(α, d) Levels
0 Kelvin Cross Sections

66-Dy-144



7

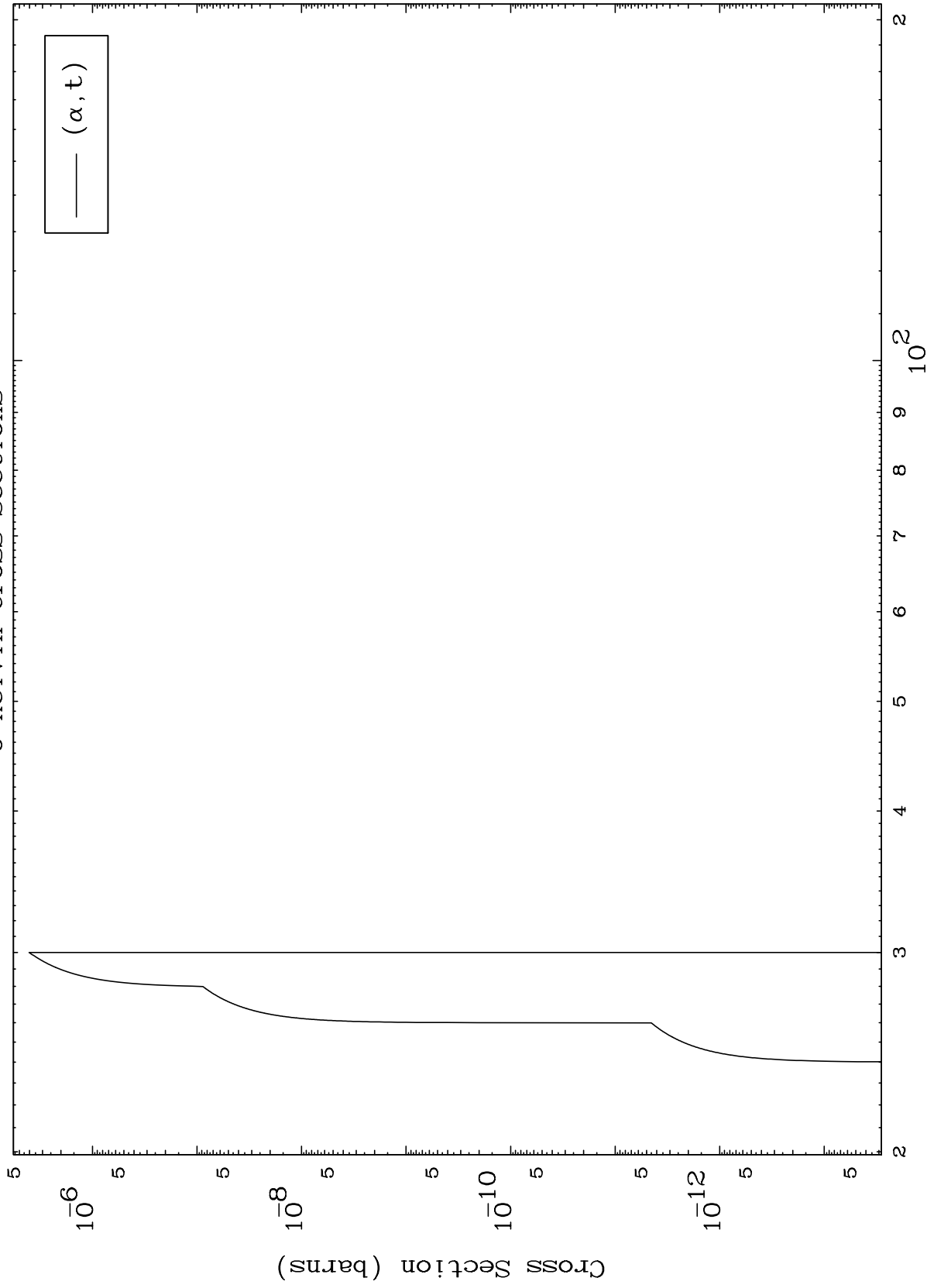
Incident Energy (MeV)

66-Dy-144

MAT 6589

(α, t) Levels
0 Kelvin Cross Sections

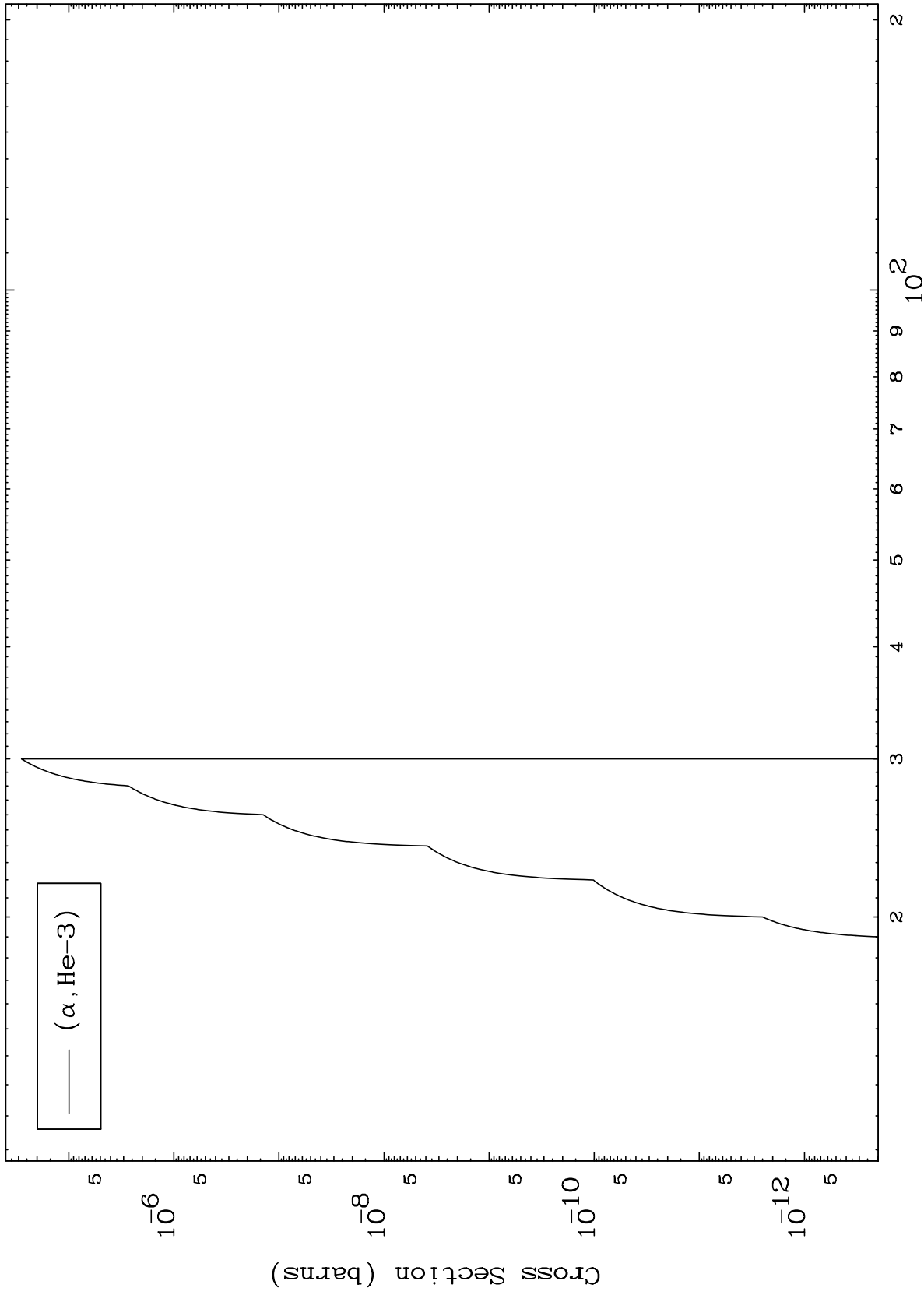
66-Dy-144



8

Incident Energy (MeV)

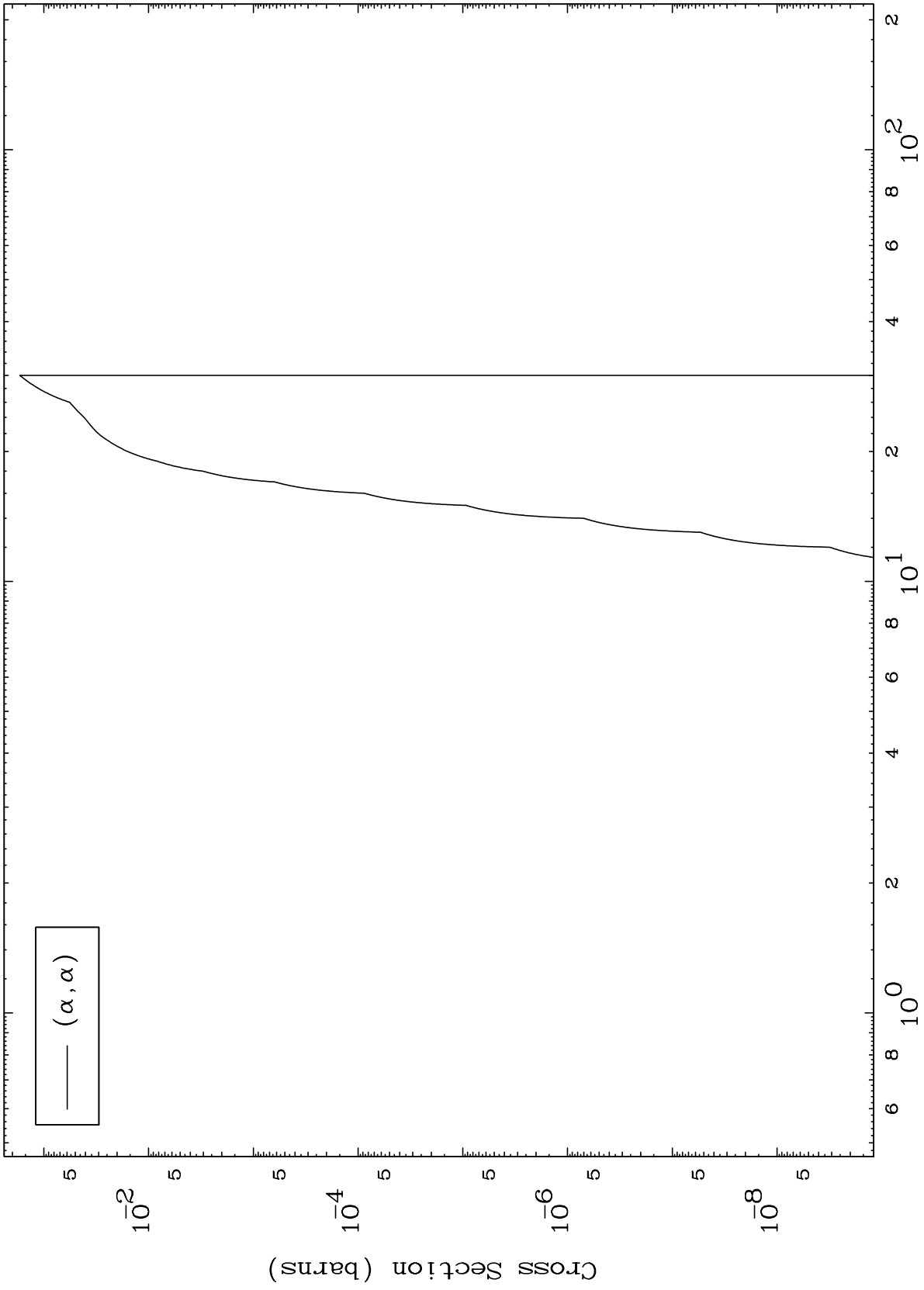
66-Dy-144



MAT 6589

(α, α) Levels
0 Kelvin Cross Sections

66-Dy-144



10

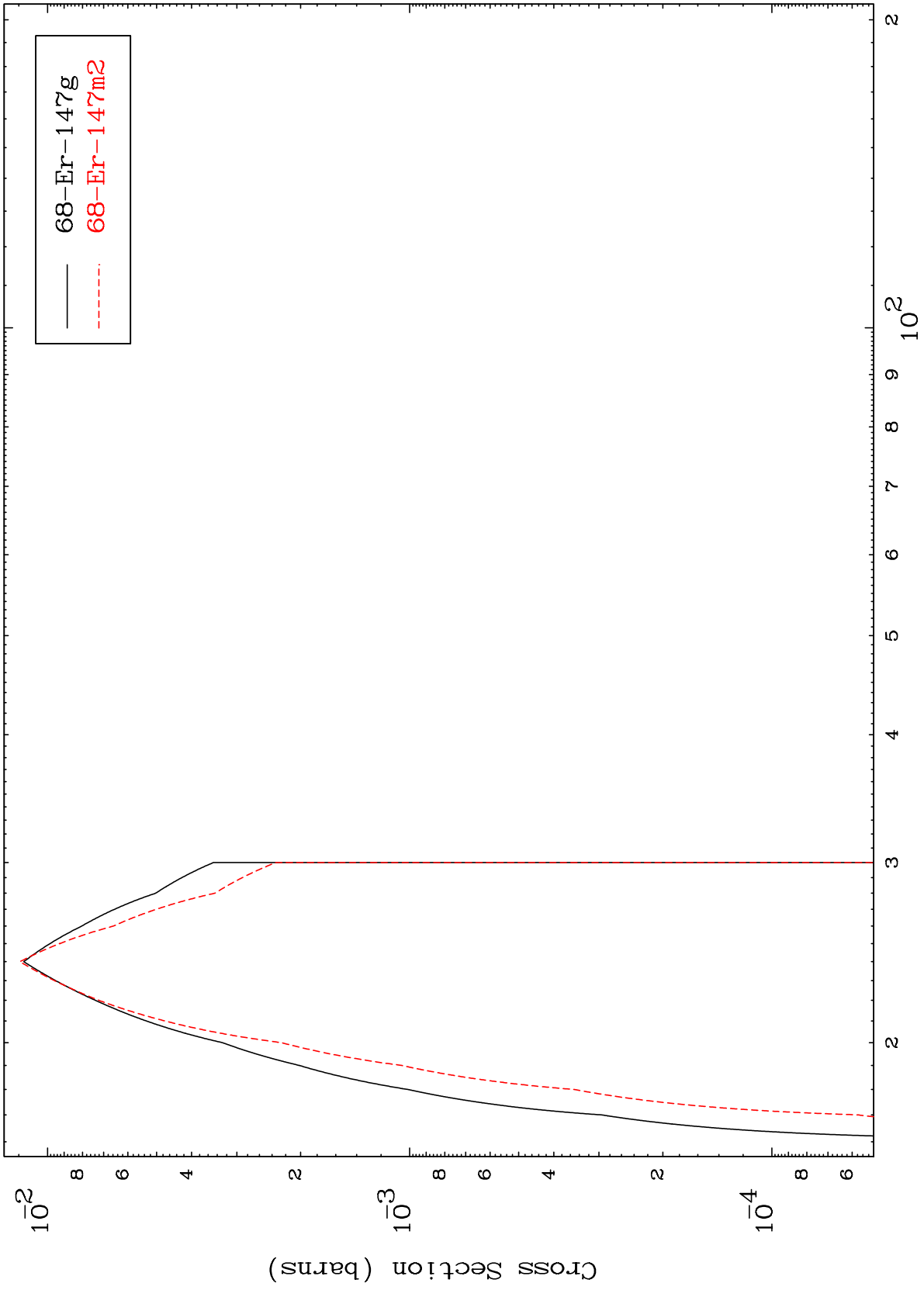
Incident Energy (MeV)

66-Dy-144

MAT 6589

α Inelastic
Radionuclide Production Cross Section

66-Dy-144



11

Incident Energy (MeV)

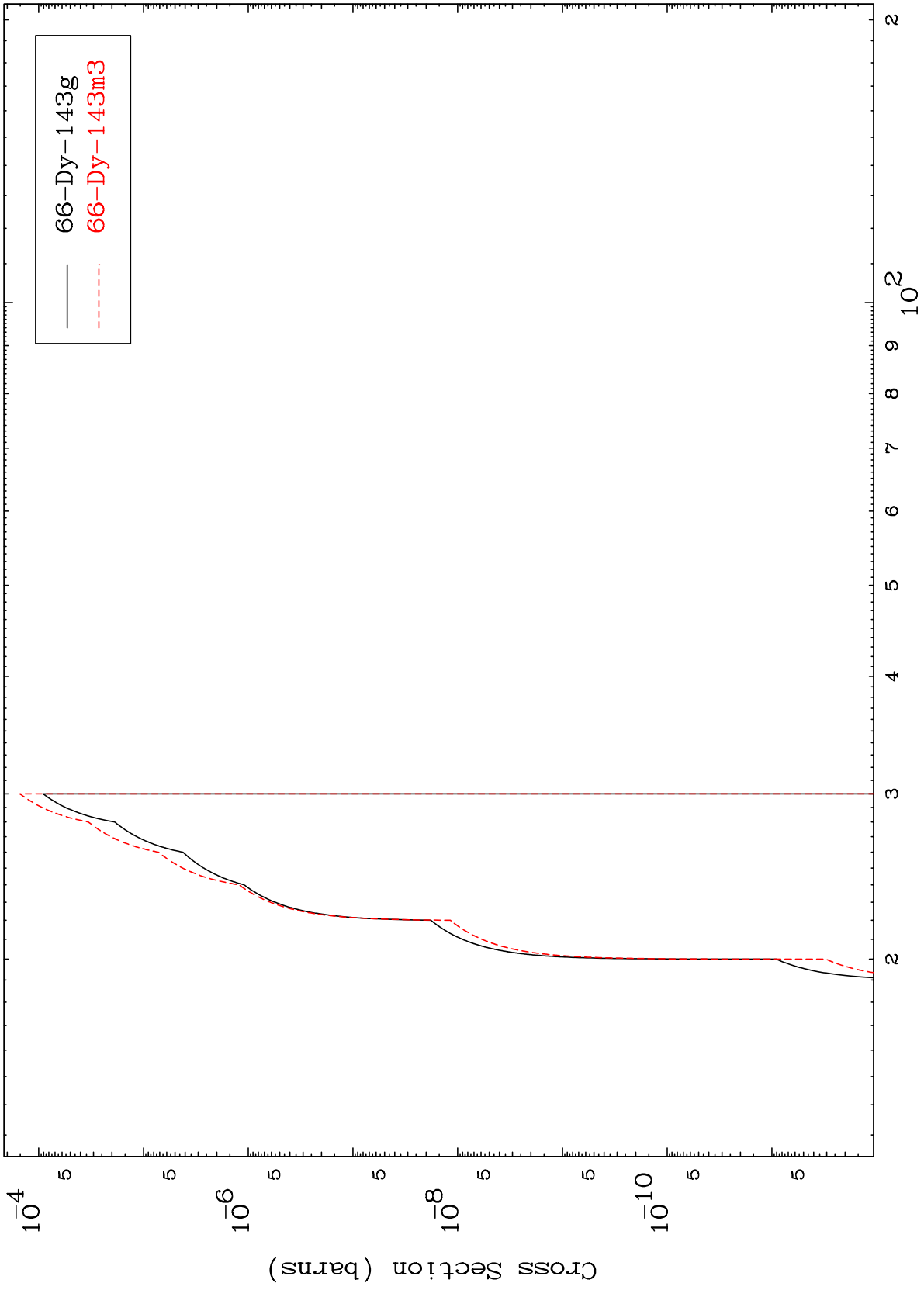
66-Dy-144

MAT 6589

(α, n') α

66-Dy-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

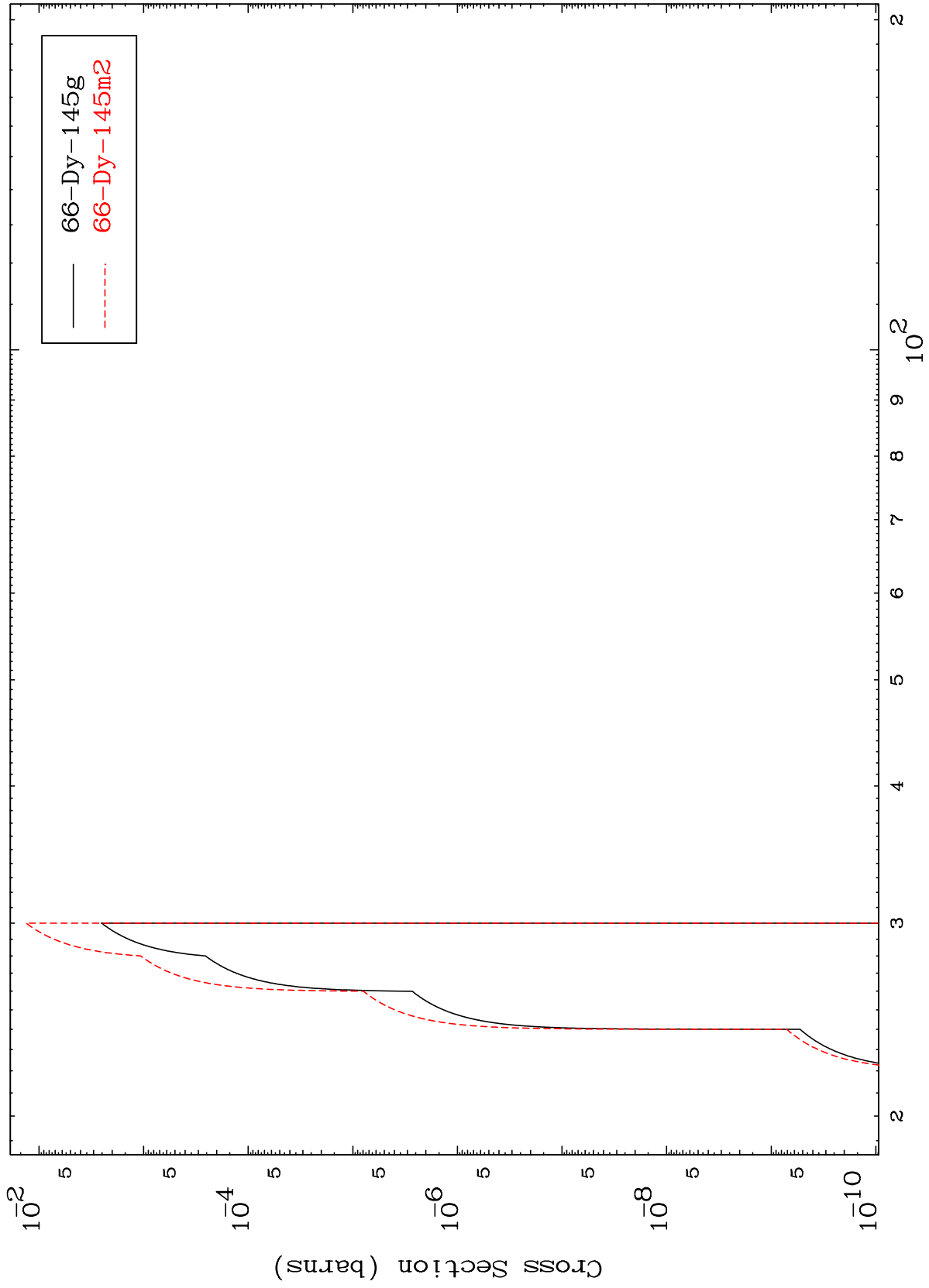
66-Dy-144

MAT 6589

($\alpha, 2n$) p

66-Dy-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

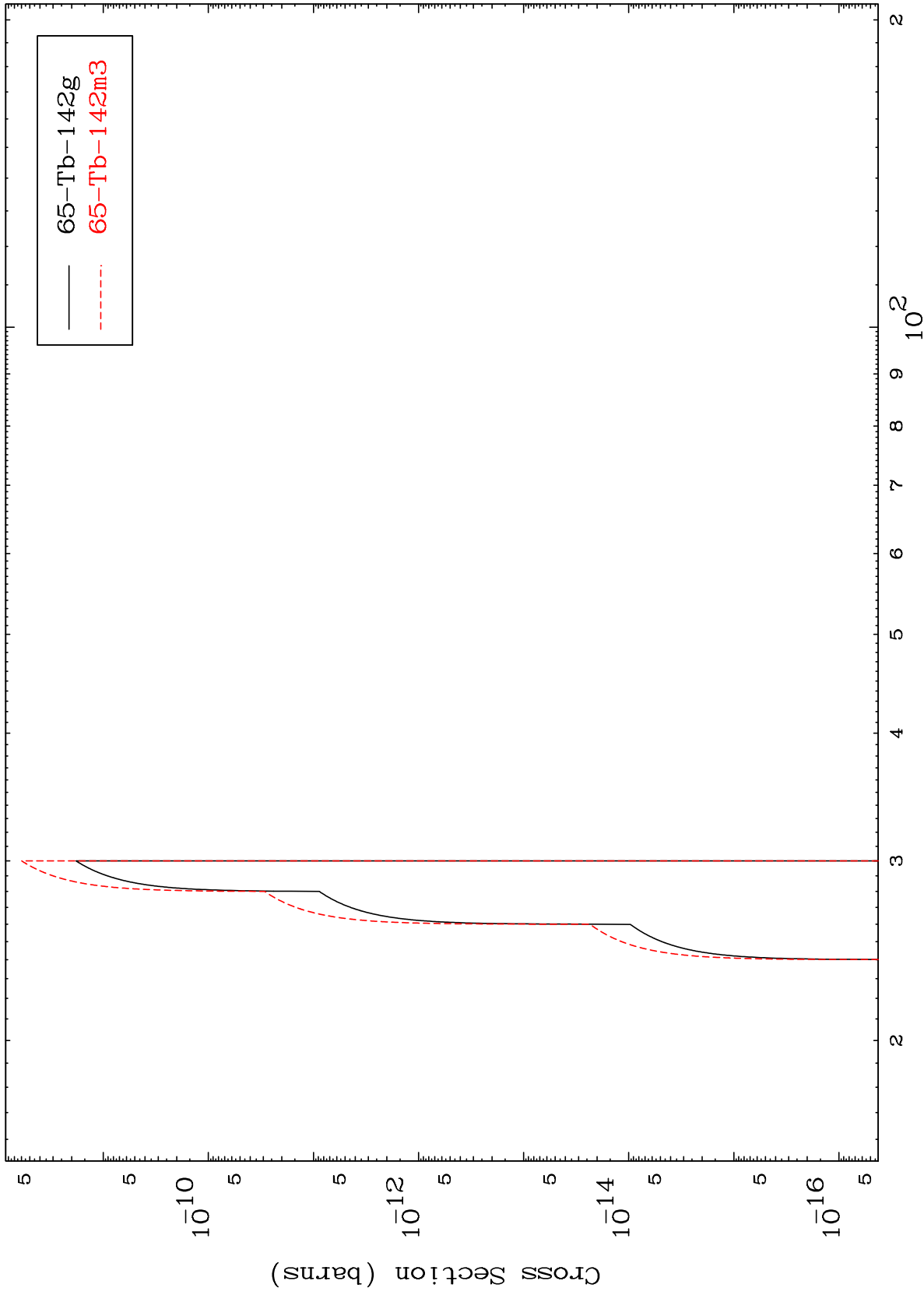
66-Dy-144

MAT 6589

(α, n') p α

66-Dy-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

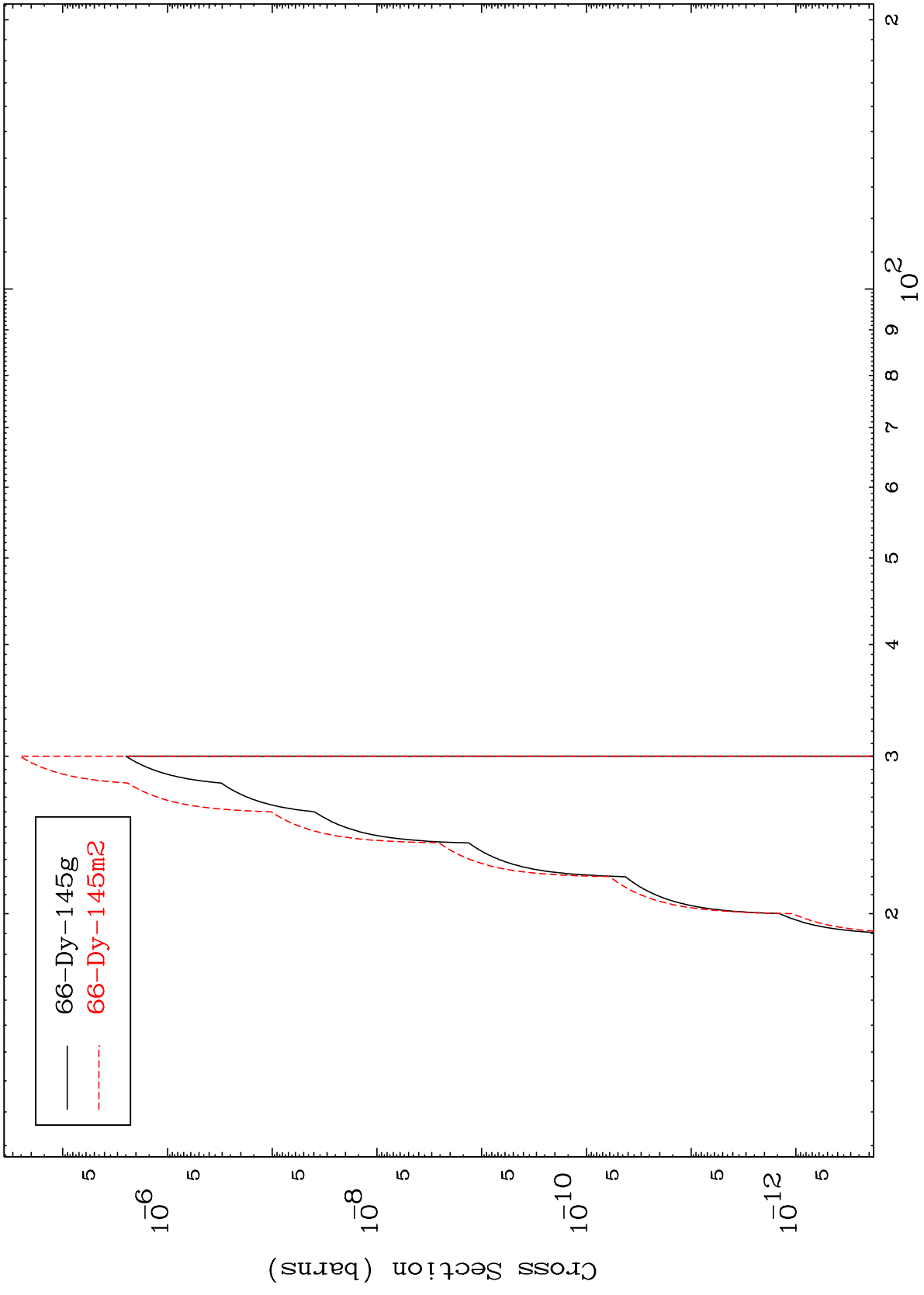
66-Dy-144

MAT 6589

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

66-Dy-144

Radionuclide Production Cross Section



15

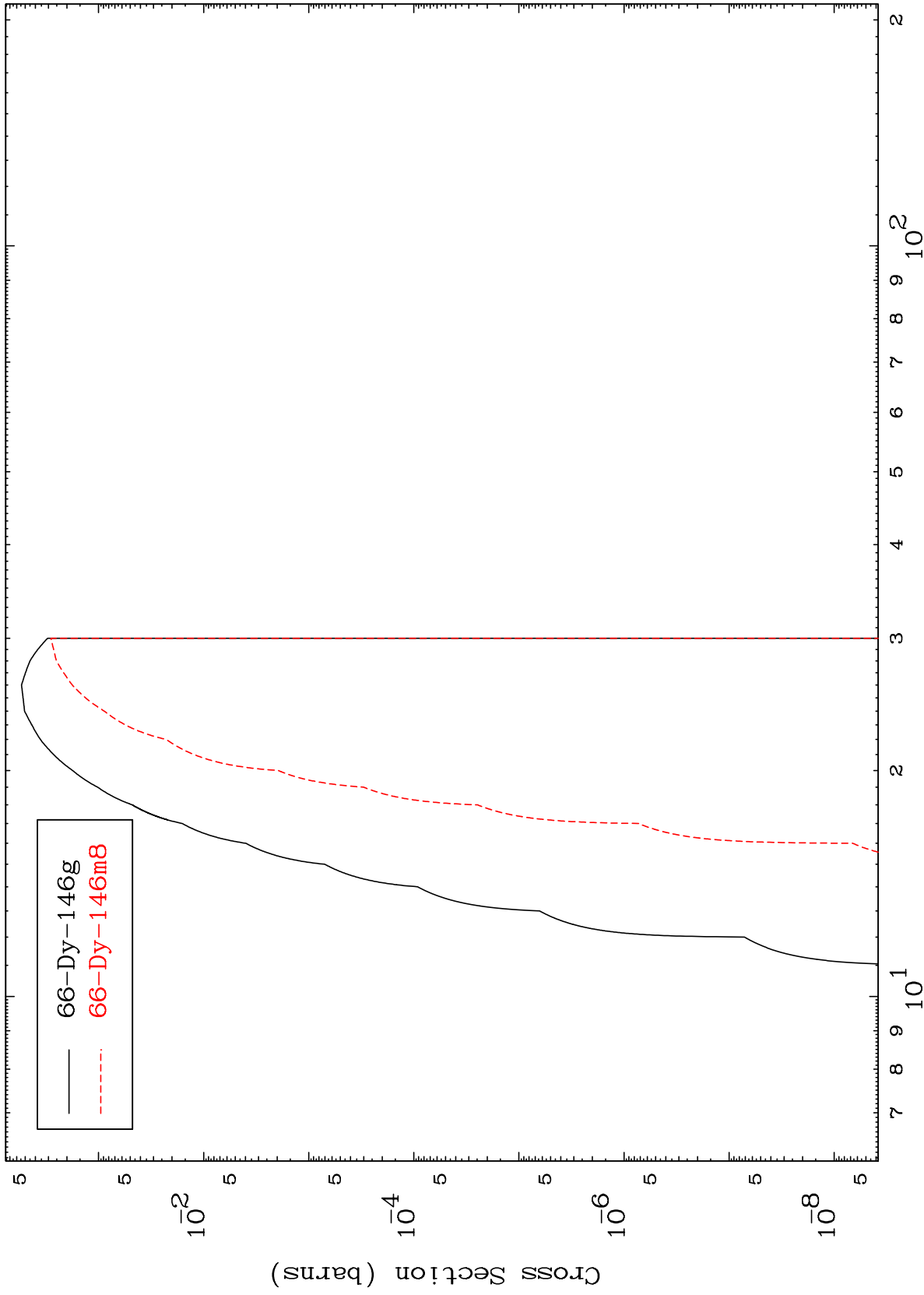
Incident Energy (MeV)

66-Dy-144

MAT 6589

66-Dy-144

Radionuclide Production Cross Section
($\alpha, 2p$)



16

Incident Energy (MeV)

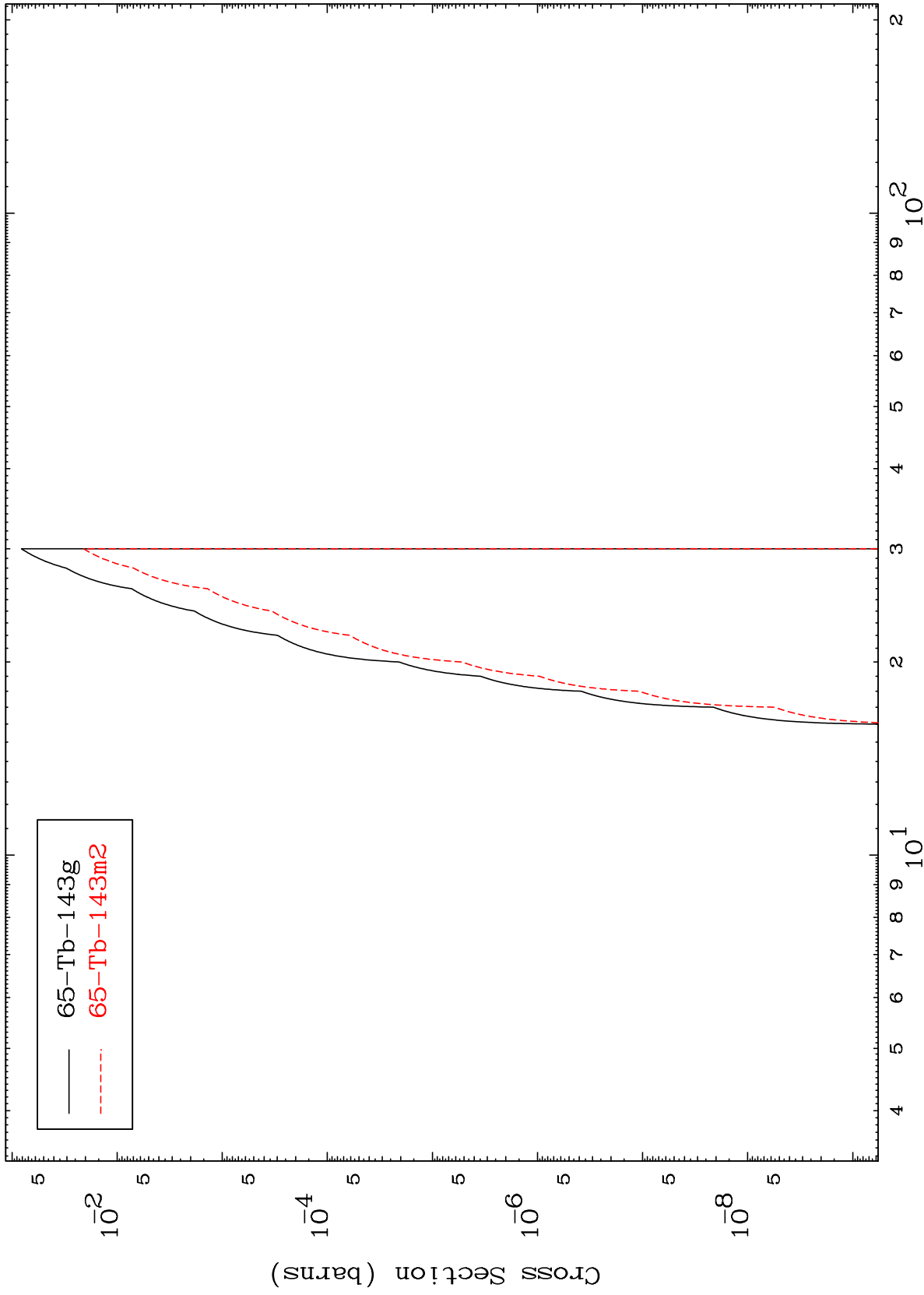
66-Dy-144

MAT 6589

(α, p) α

66-Dy-144

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

17

Incident Energy (MeV)

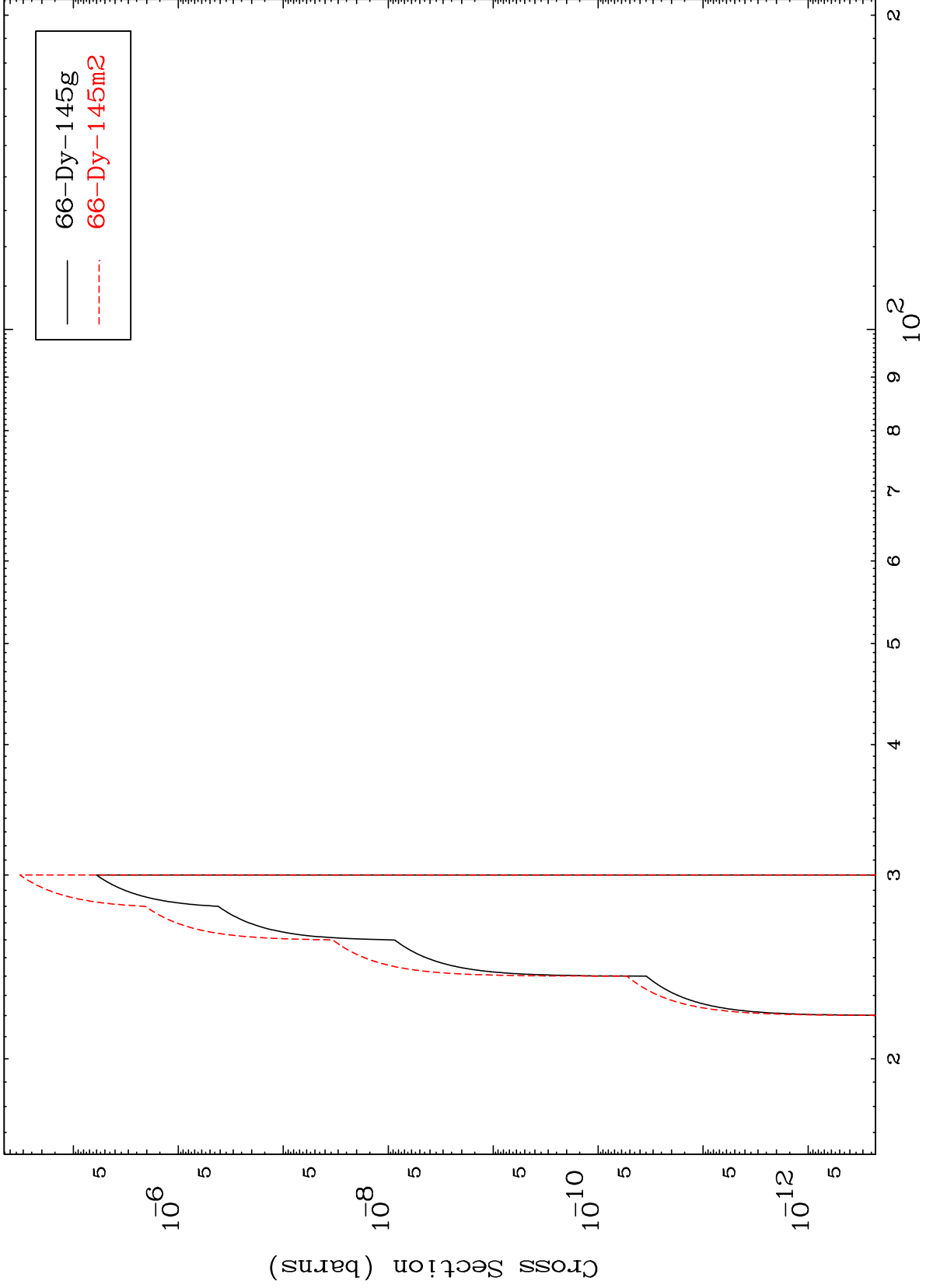
66-Dy-144

MAT 6589

(α, p) d

66-Dy-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

66-Dy-144