

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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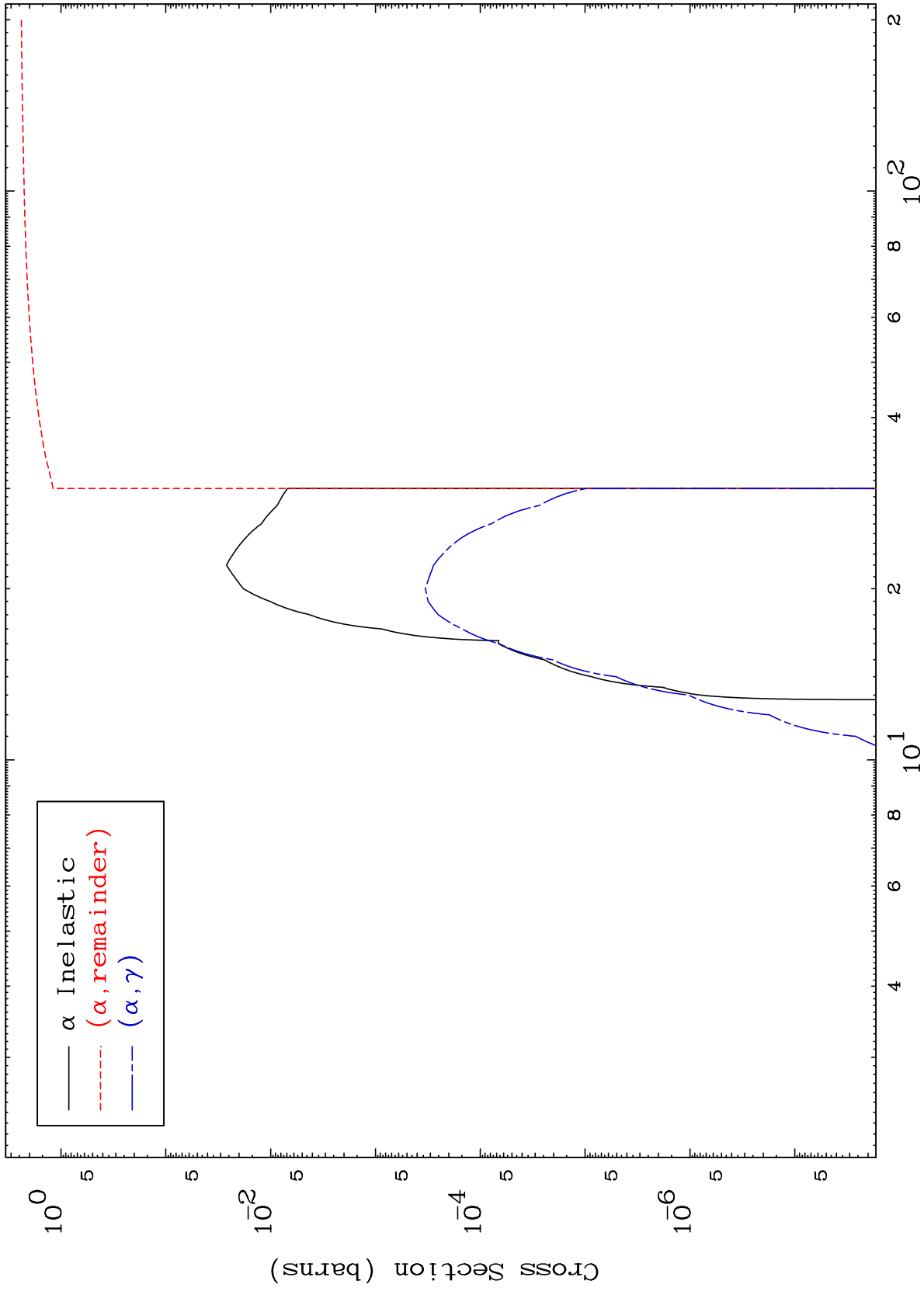
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6592

0 Kelvin α Major
Cross Sections

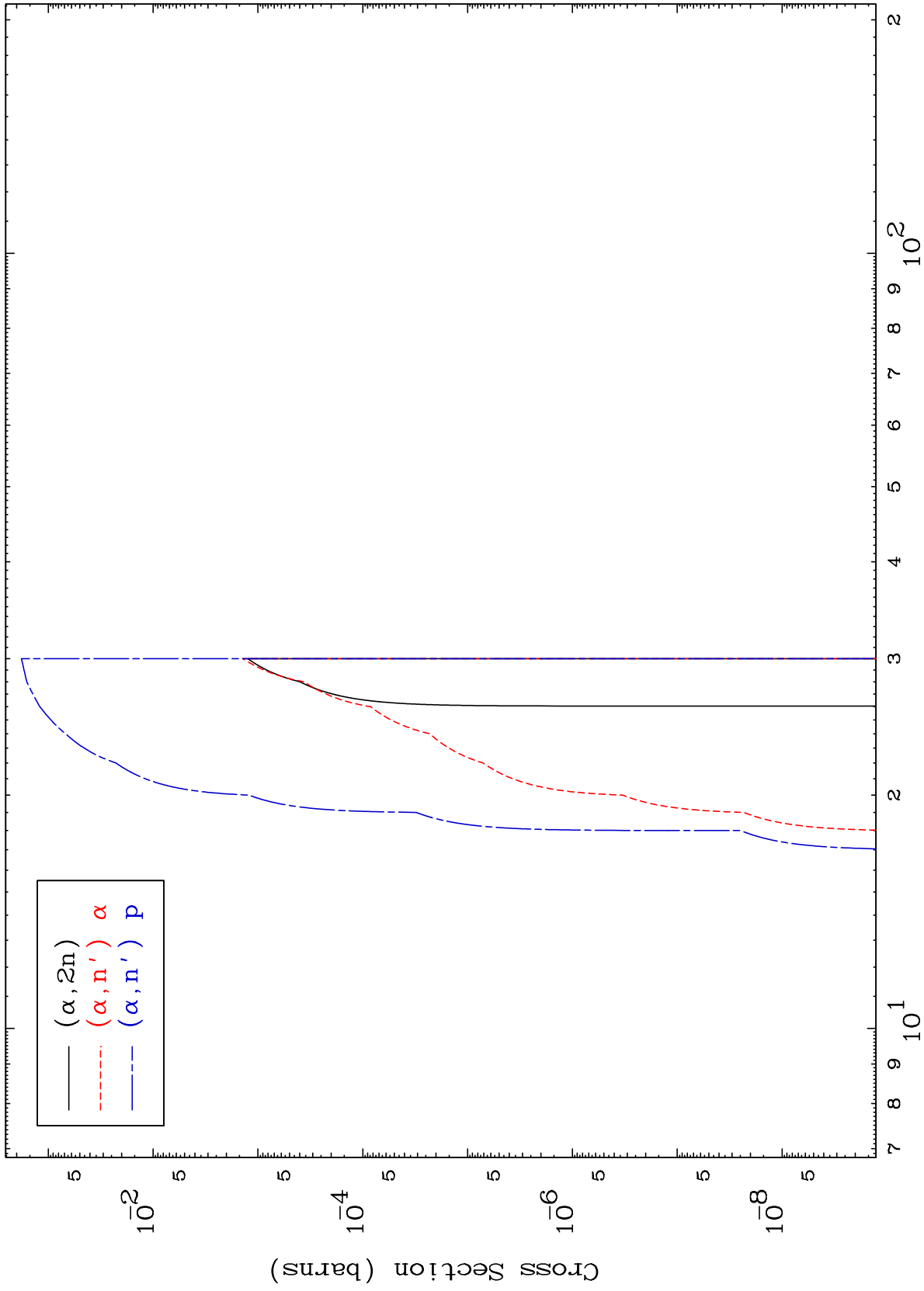
66-Dy-145



MAT 6592

α Neutron Production
0 Kelvin Cross Sections

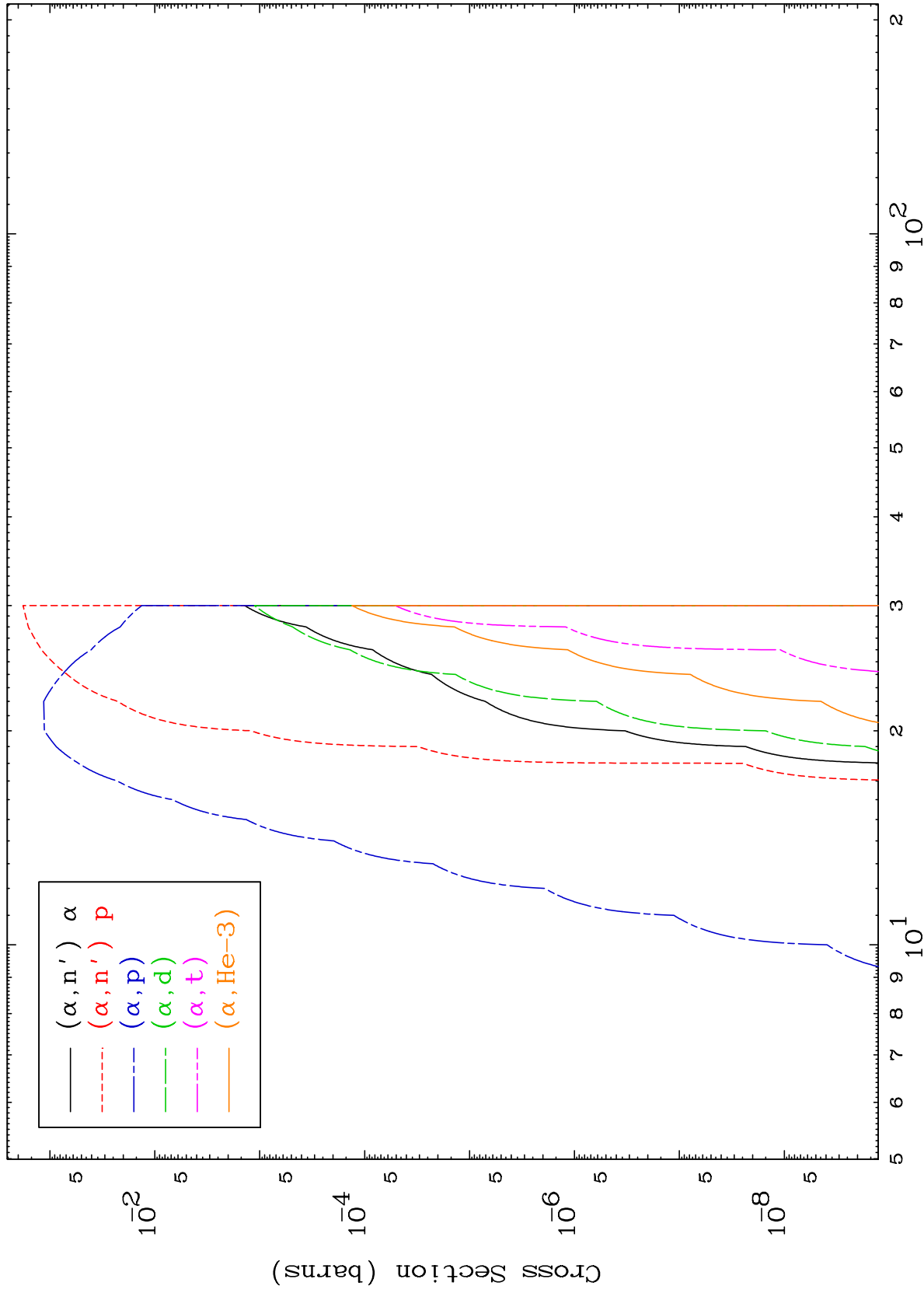
66-Dy-145



2

Incident Energy (MeV)

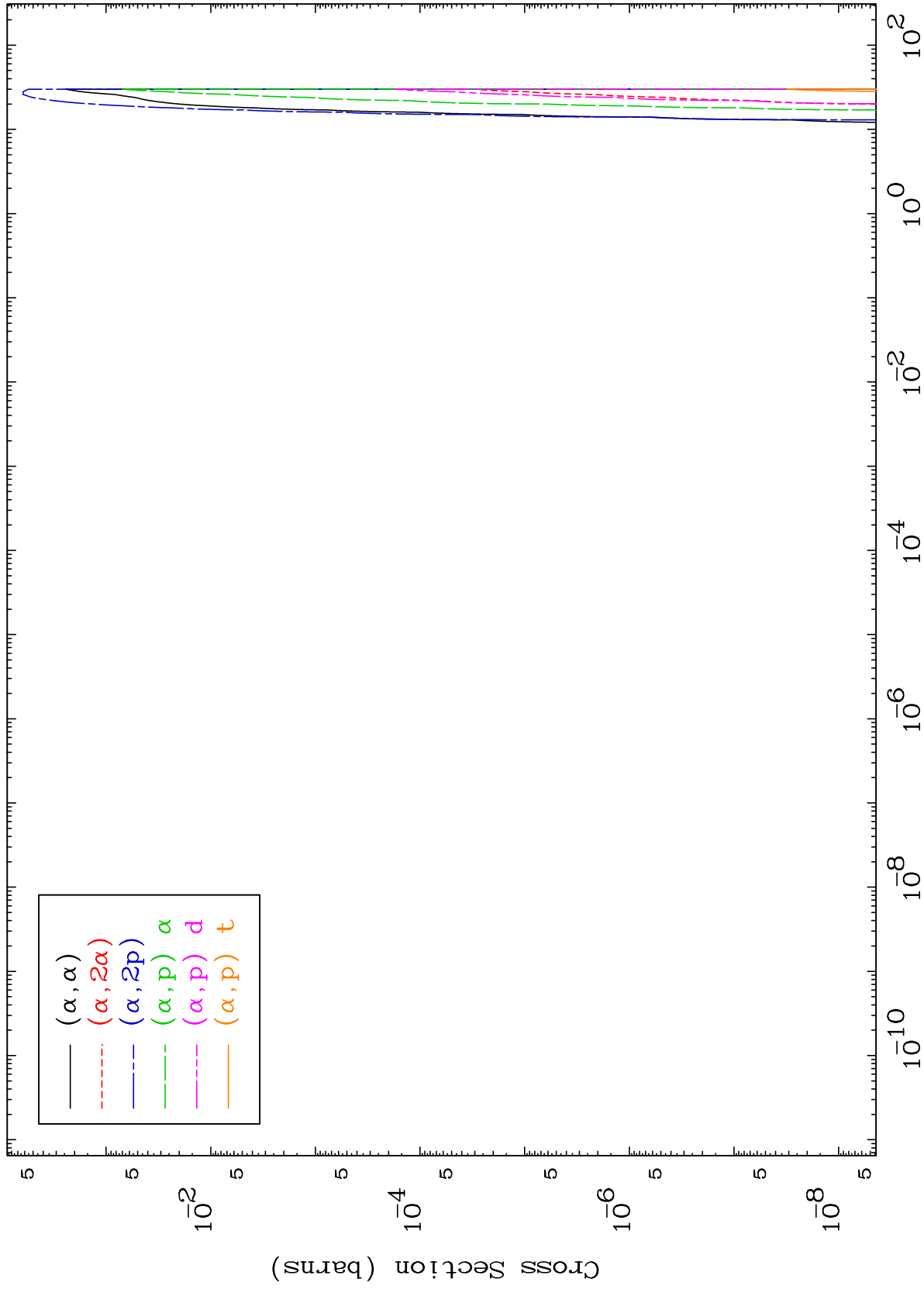
66-Dy-145



MAT 6592

α Charged Particle
0 Kelvin Cross Sections

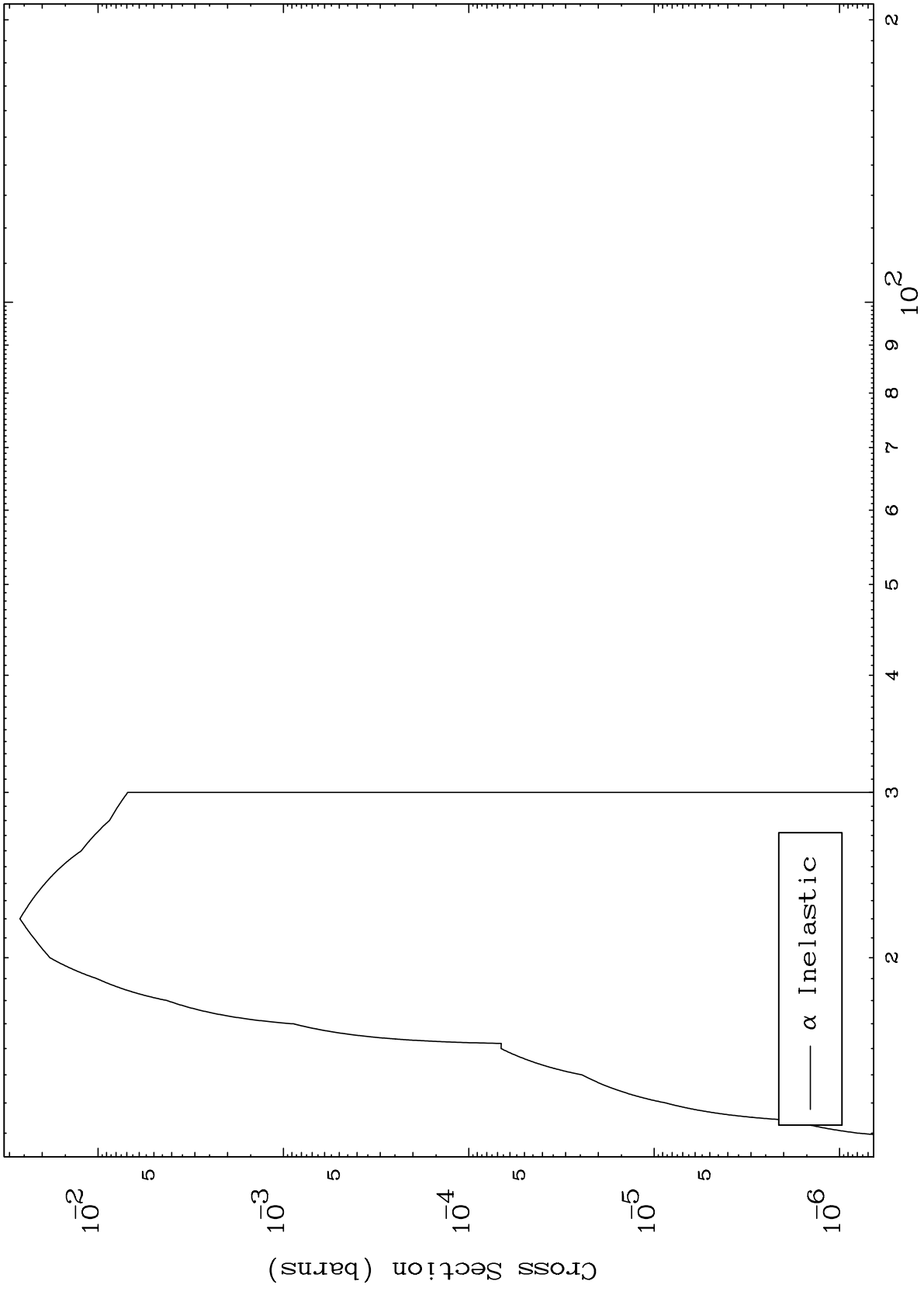
66-Dy-145



MAT 6592

(α, n') Level
0 Kelvin Cross Sections

66-Dy-145



5

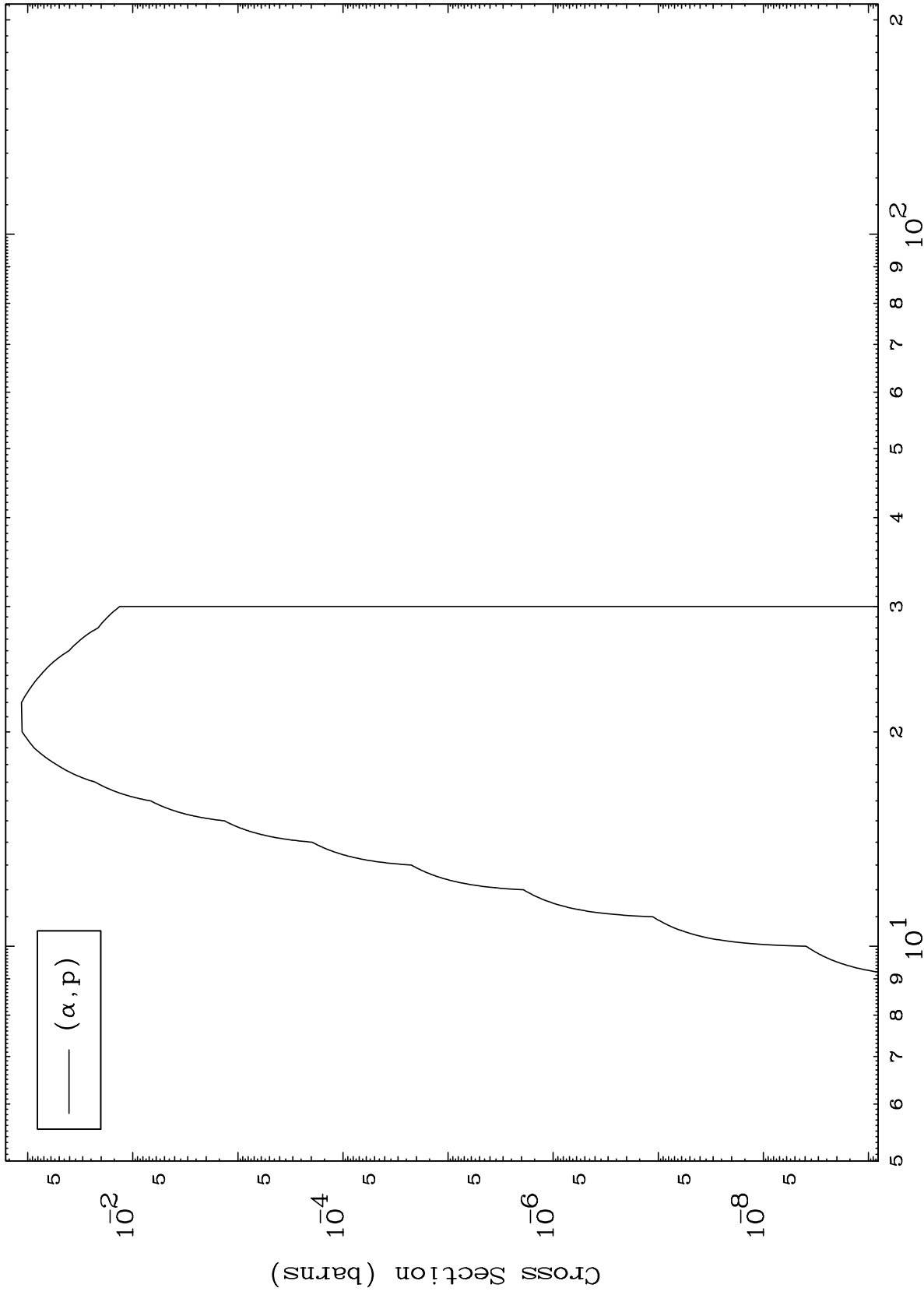
Incident Energy (MeV)

66-Dy-145

MAT 6592

(α, p) Levels
0 Kelvin Cross Sections

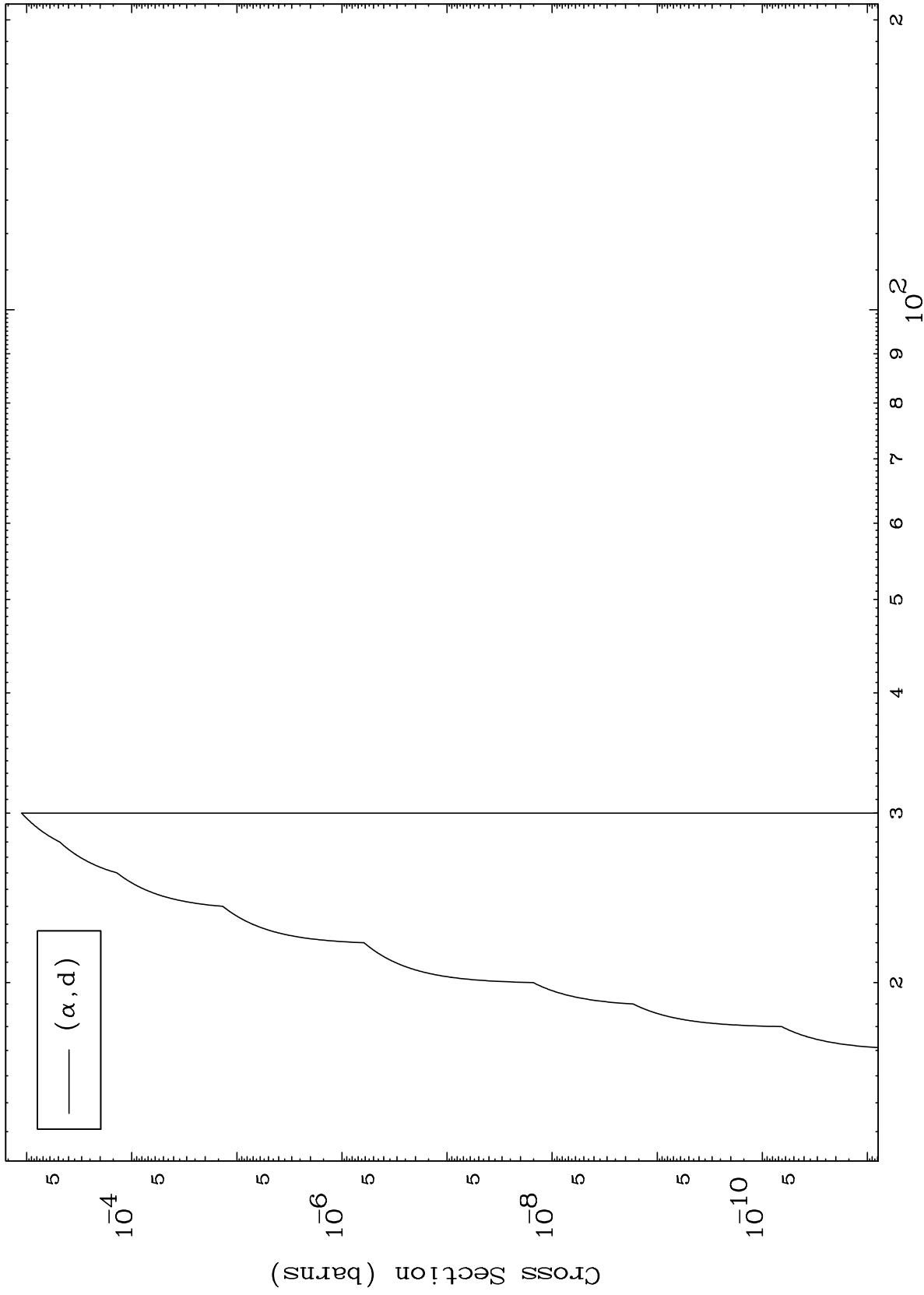
66-Dy-145



MAT 6592

(α, d) Levels
0 Kelvin Cross Sections

66-Dy-145



7

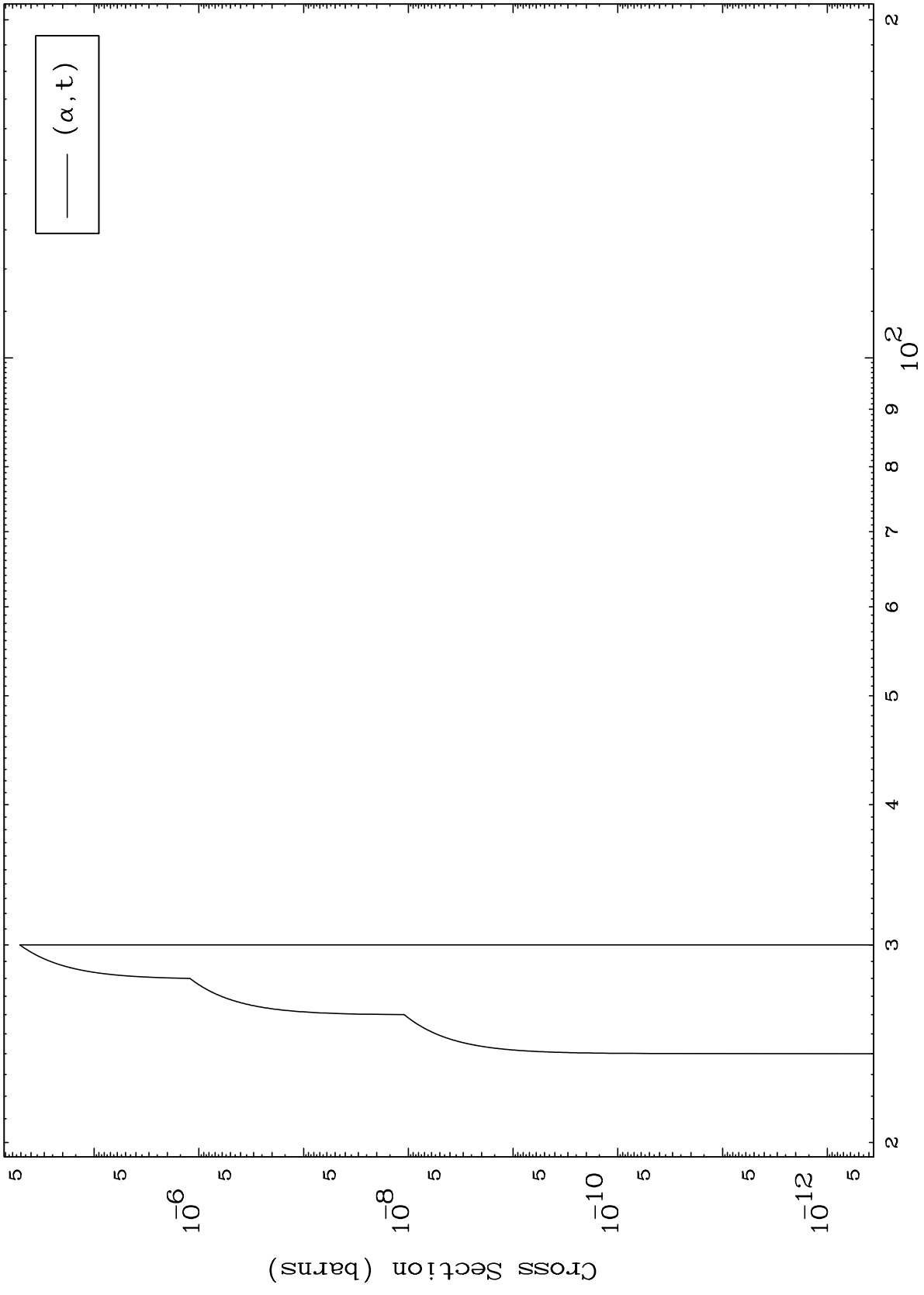
Incident Energy (MeV)

66-Dy-145

MAT 6592

(α, t) Levels
0 Kelvin Cross Sections

66-Dy-145



8

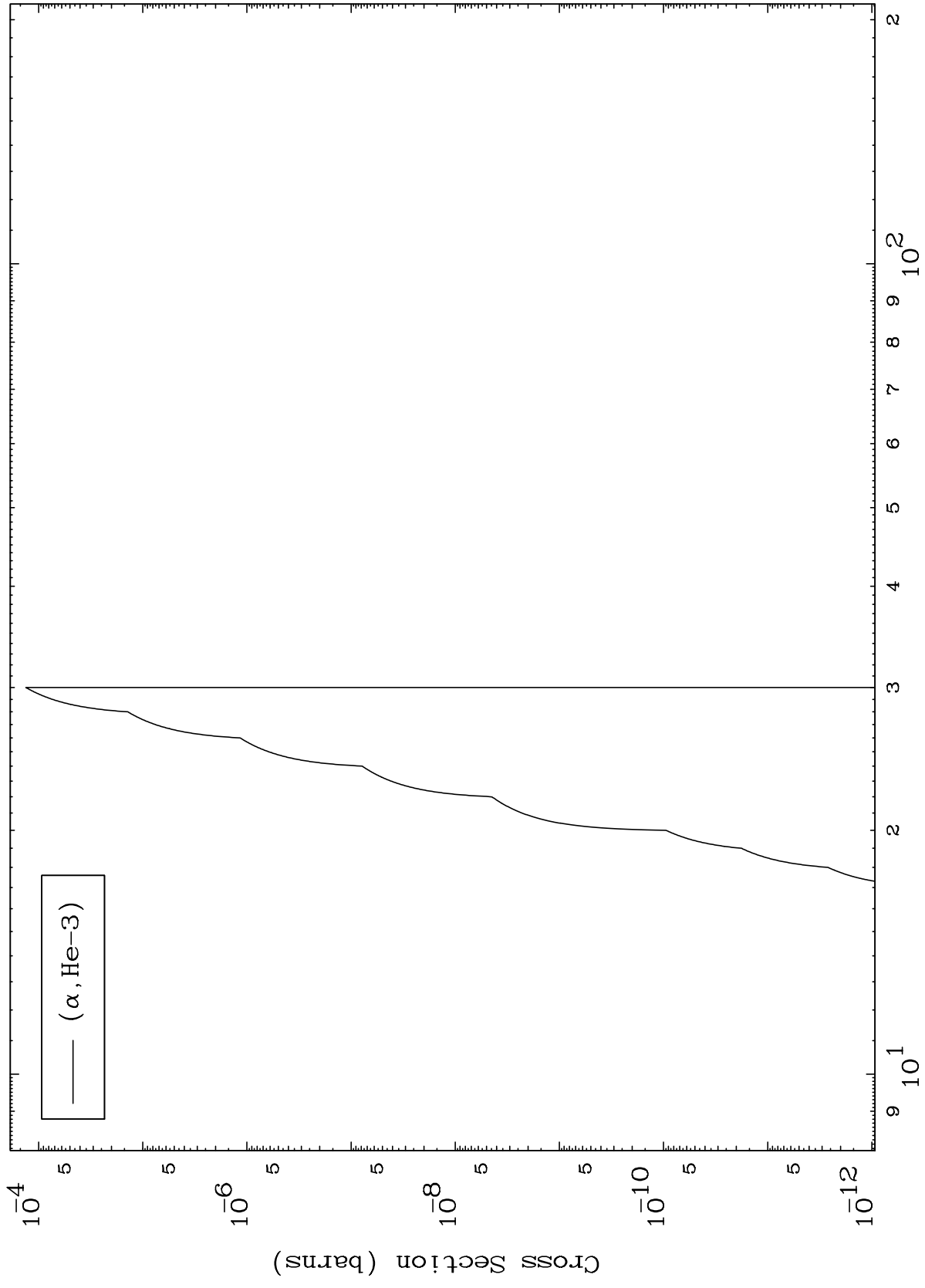
Incident Energy (MeV)

66-Dy-145

MAT 6592

(α ,He3) Levels
0 Kelvin Cross Sections

66-Dy-145



9

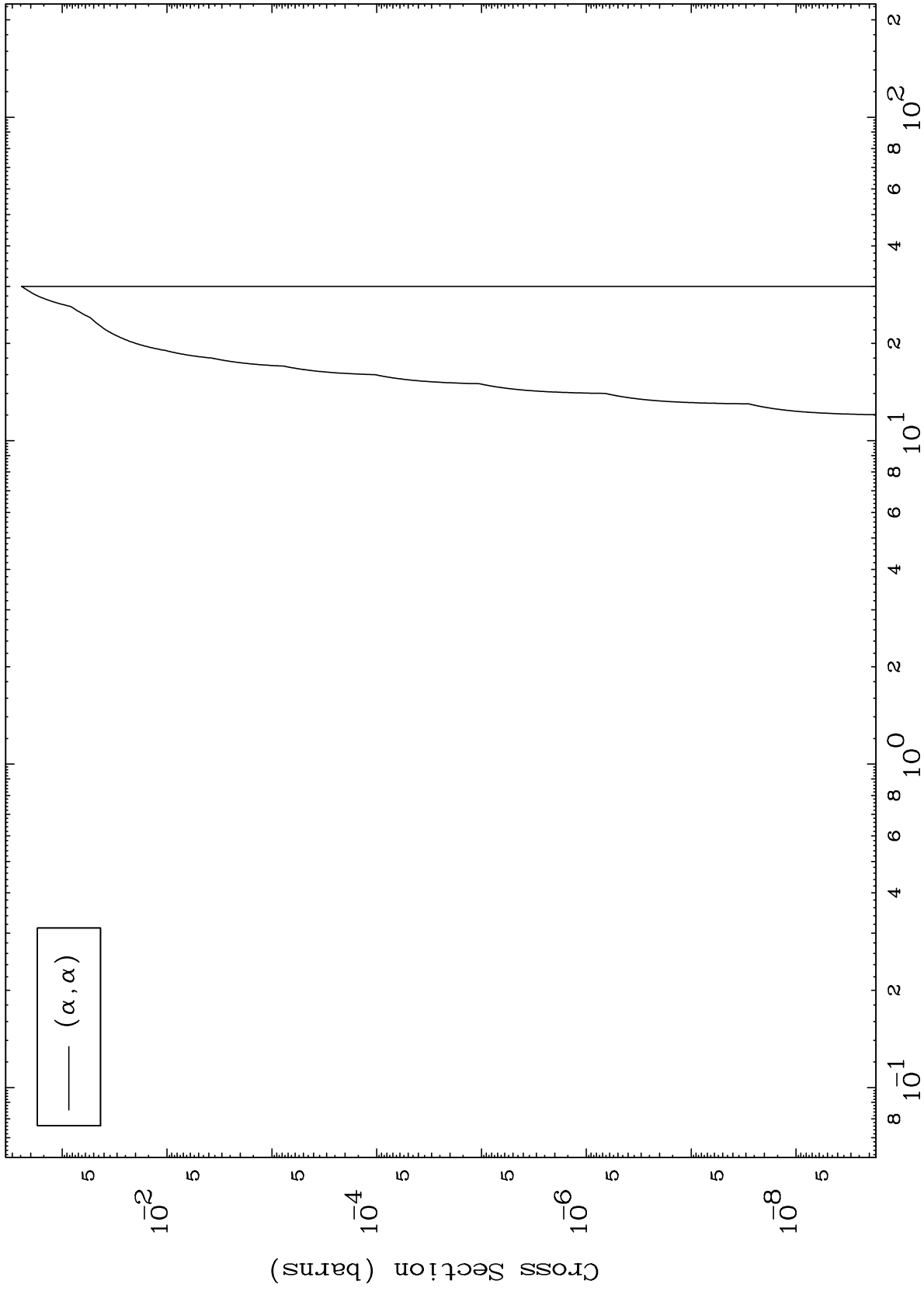
Incident Energy (MeV)

66-Dy-145

MAT 6592

(α, α) Levels
0 Kelvin Cross Sections

66-Dy-145



10

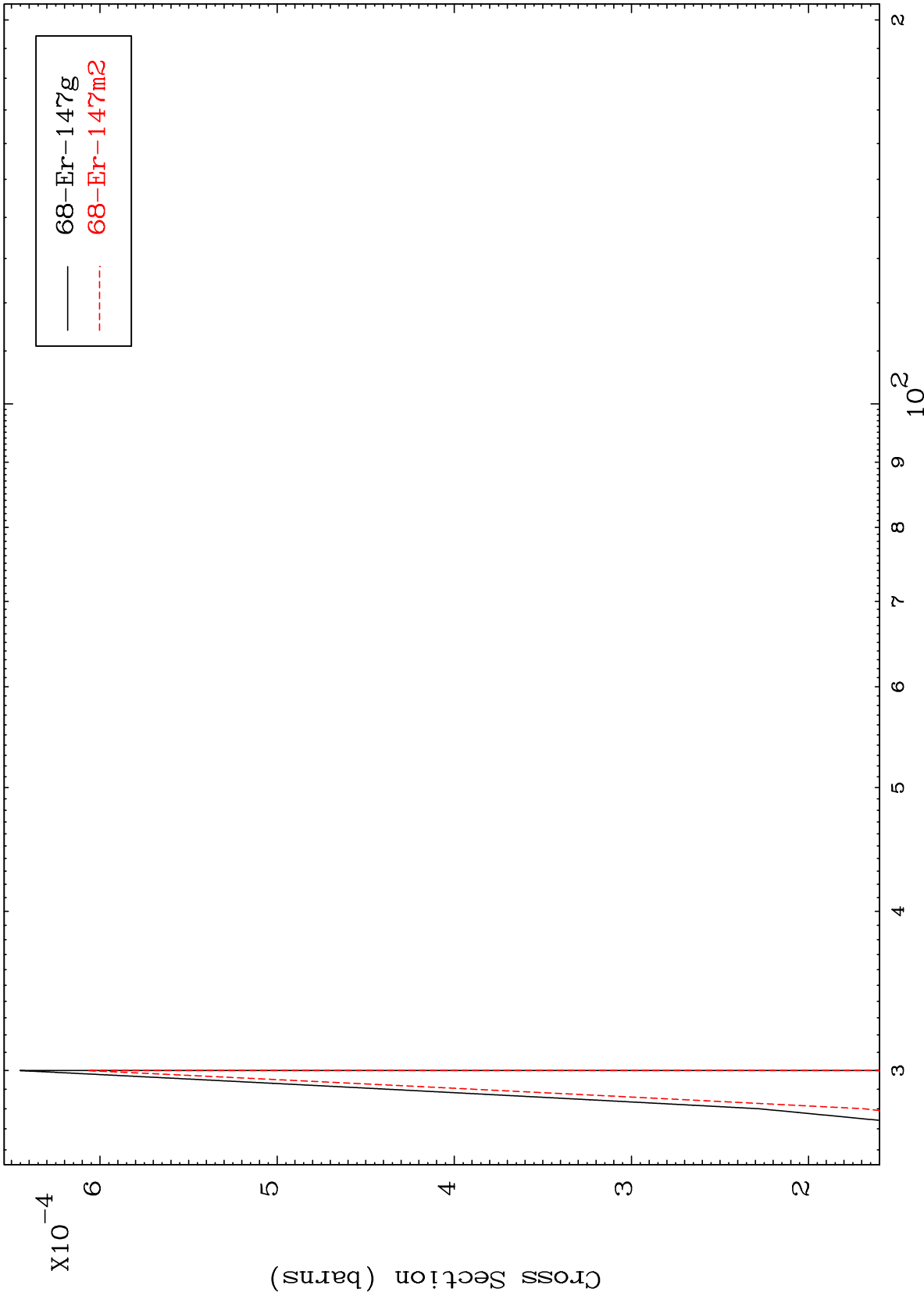
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

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



11

Incident Energy (MeV)

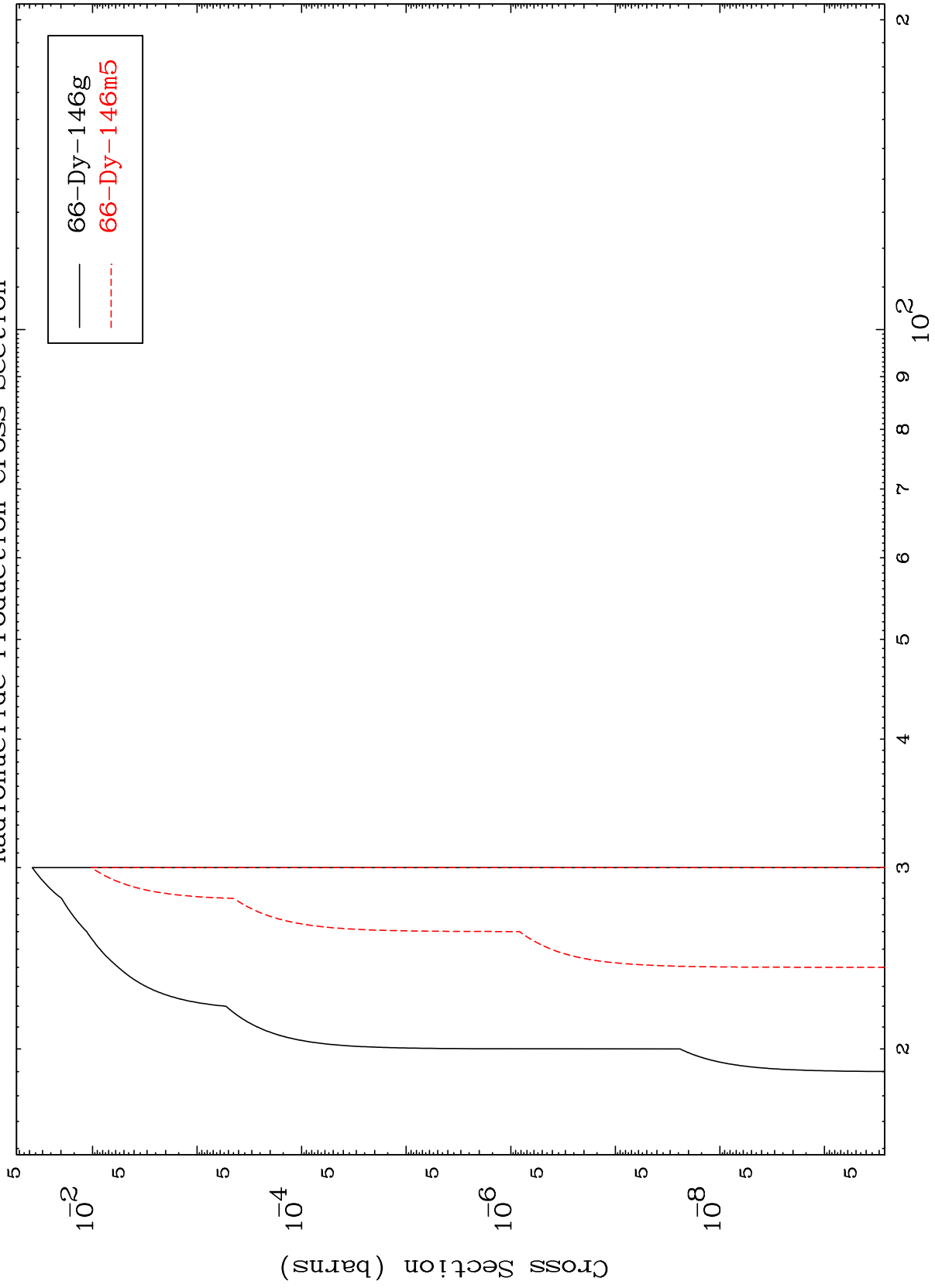
66-Dy-145

MAT 6592

($\alpha, 2n$) p

66-Dy-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

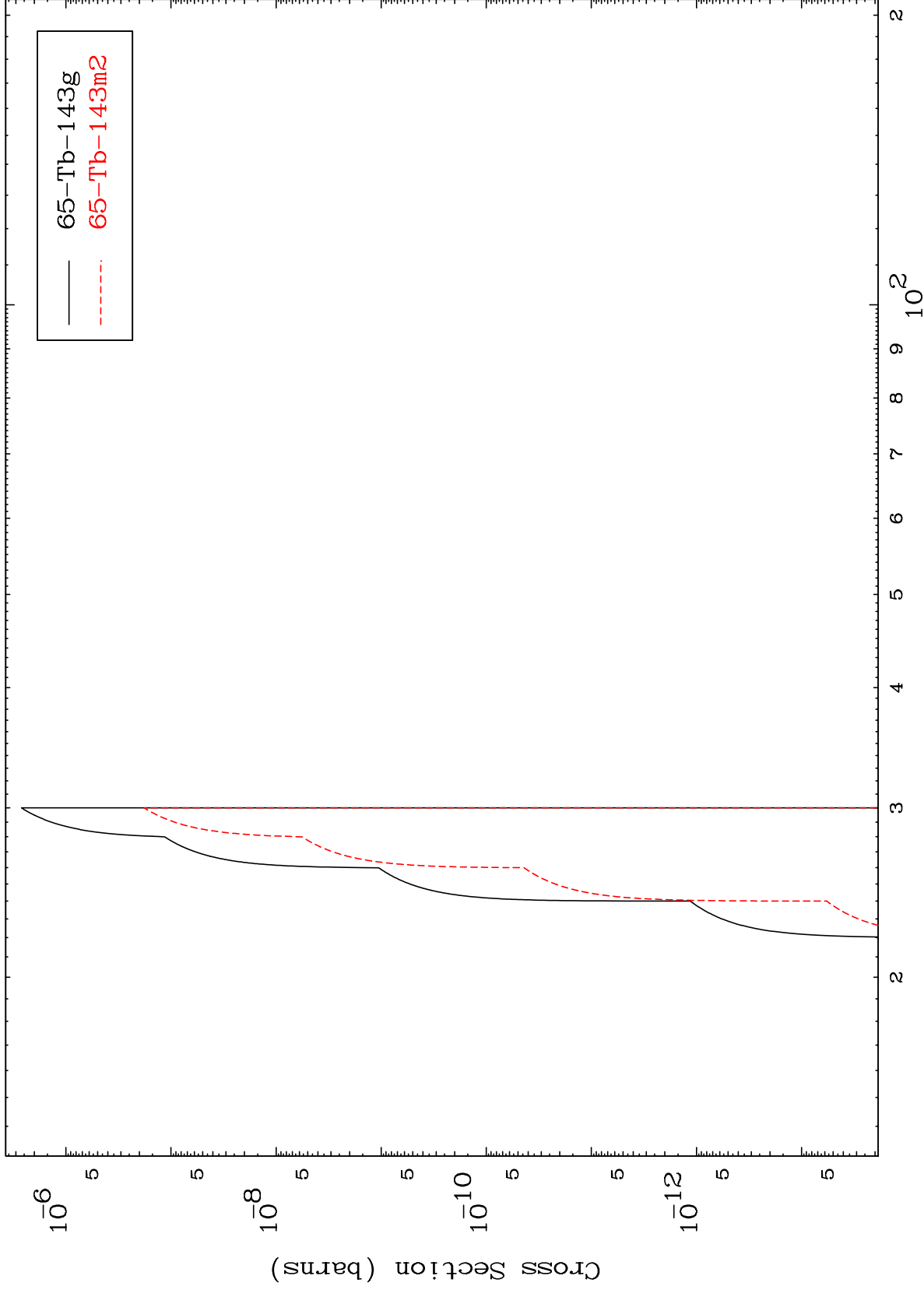
66-Dy-145

MAT 6592

(α, n') p α

66-Dy-145

Radionuclide Production Cross Section



13

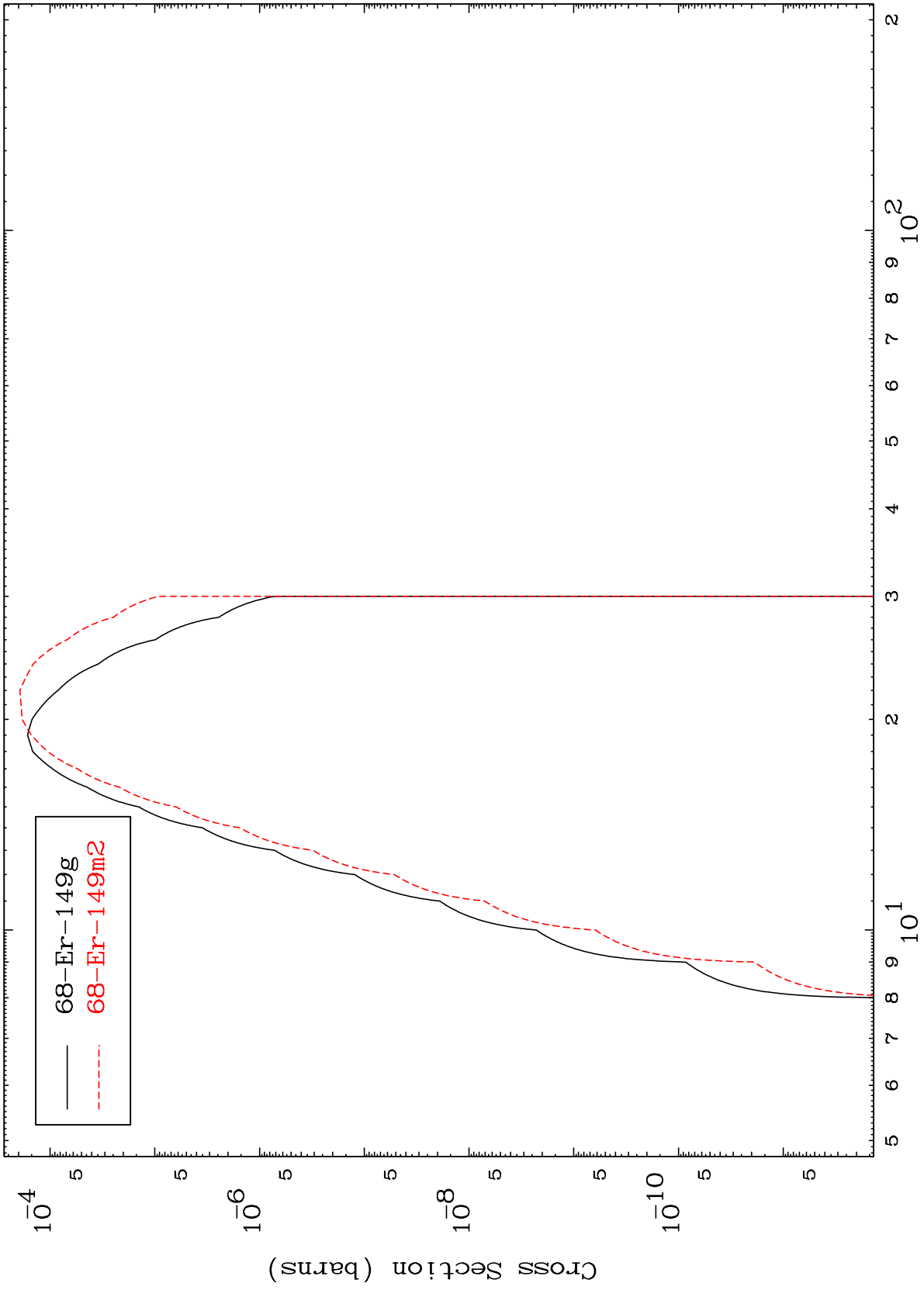
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(α, γ)
Radionuclide Production Cross Section



14

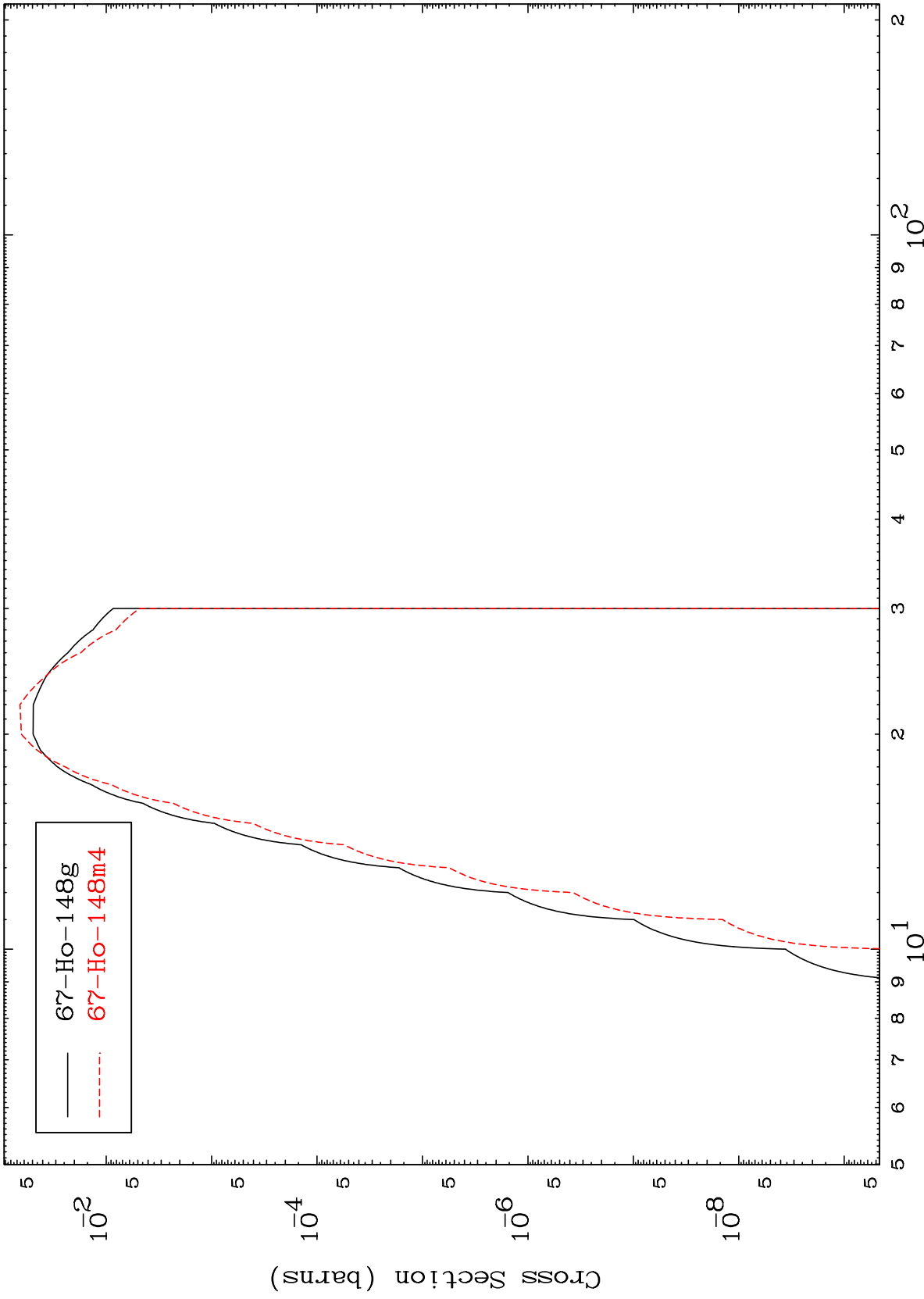
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(α, p)
Radionuclide Production Cross Section



15

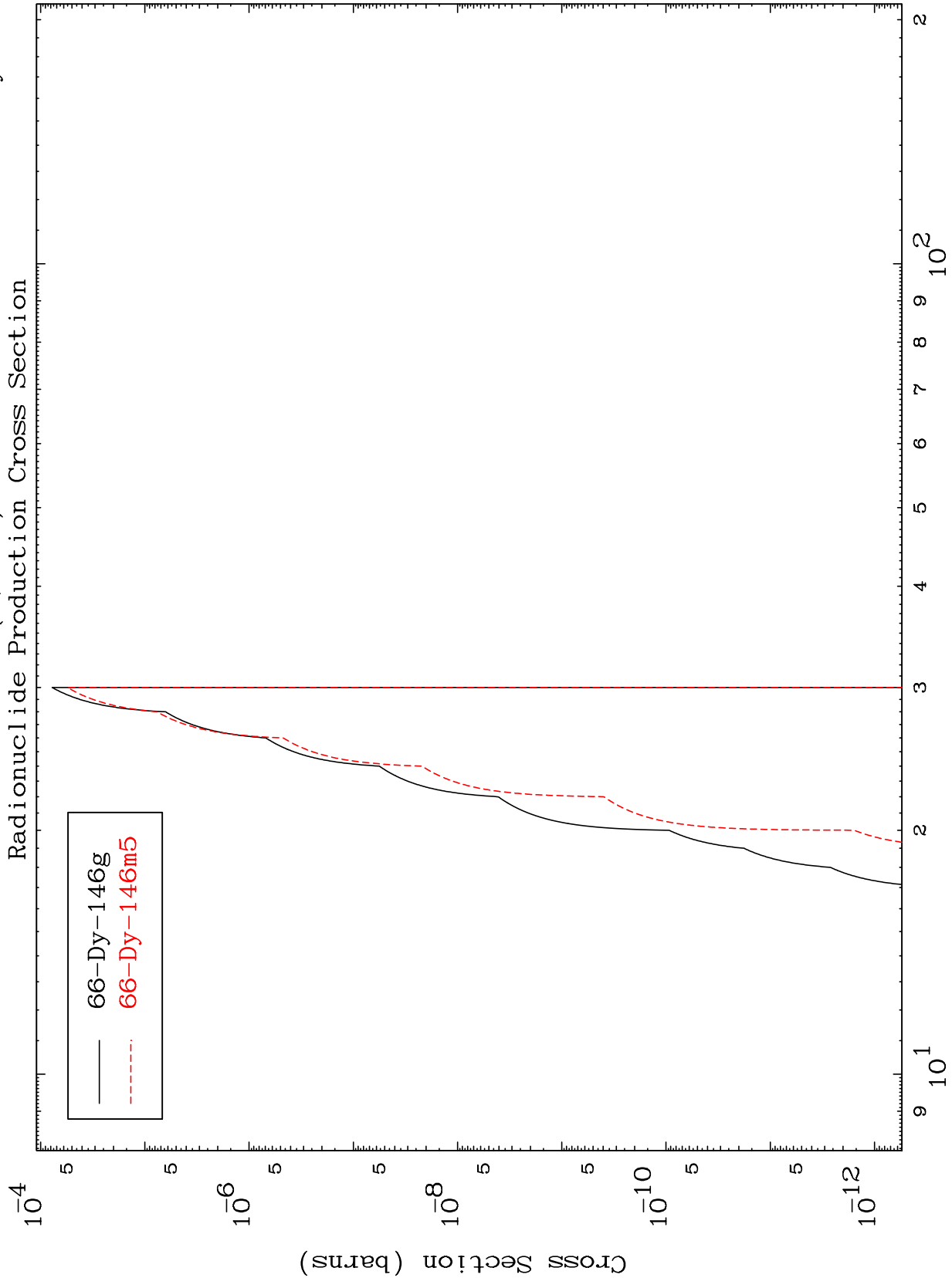
Incident Energy (MeV)

66-Dy-145

MAT 6592

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

66-Dy-145



66-Dy-146g
66-Dy-146m5

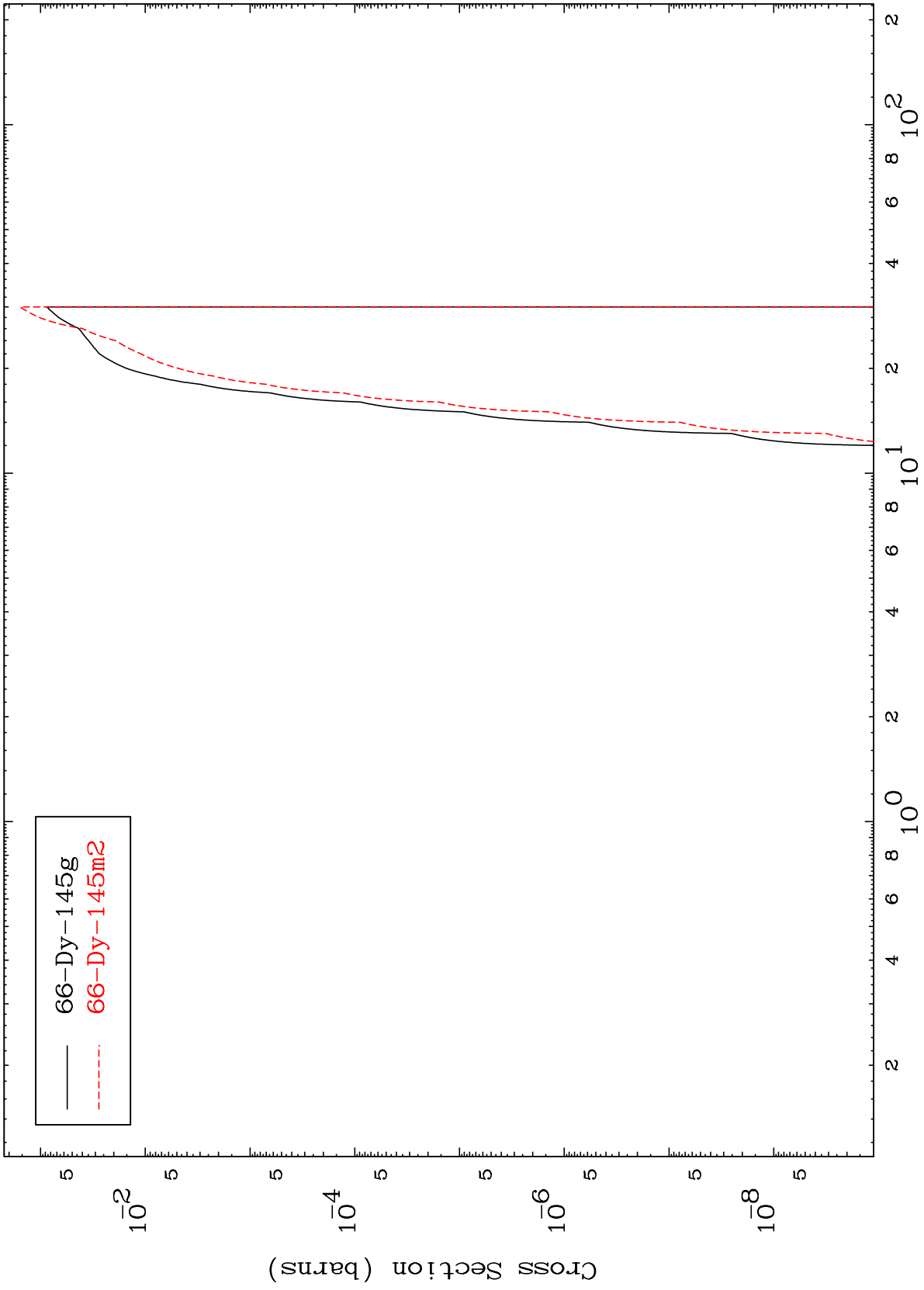
16

MAT 6592

(α, α)

66-Dy-145

Radionuclide Production Cross Section

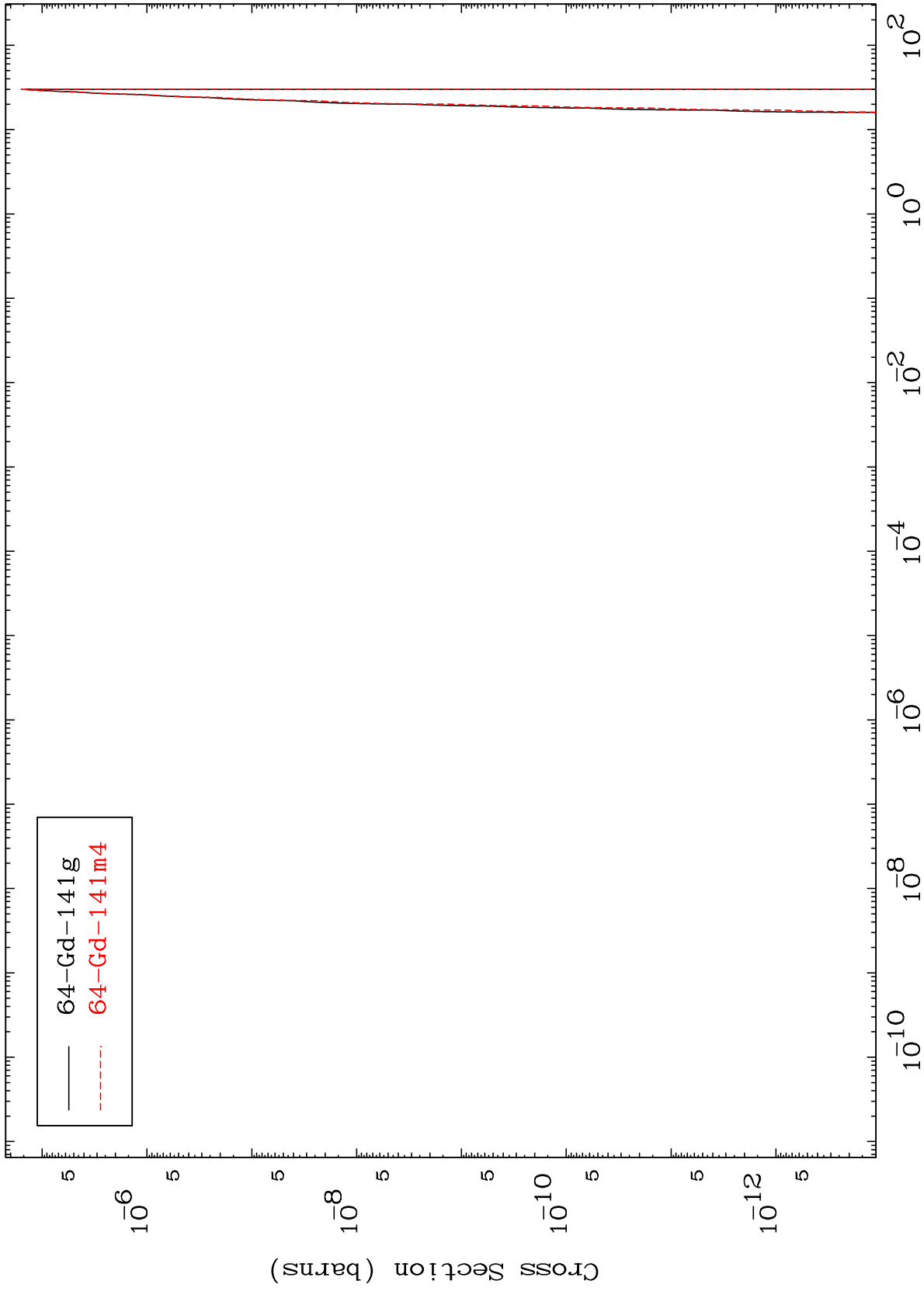


MAT 6592

($\alpha, 2\alpha$)

66-Dy-145

Radionuclide Production Cross Section



18

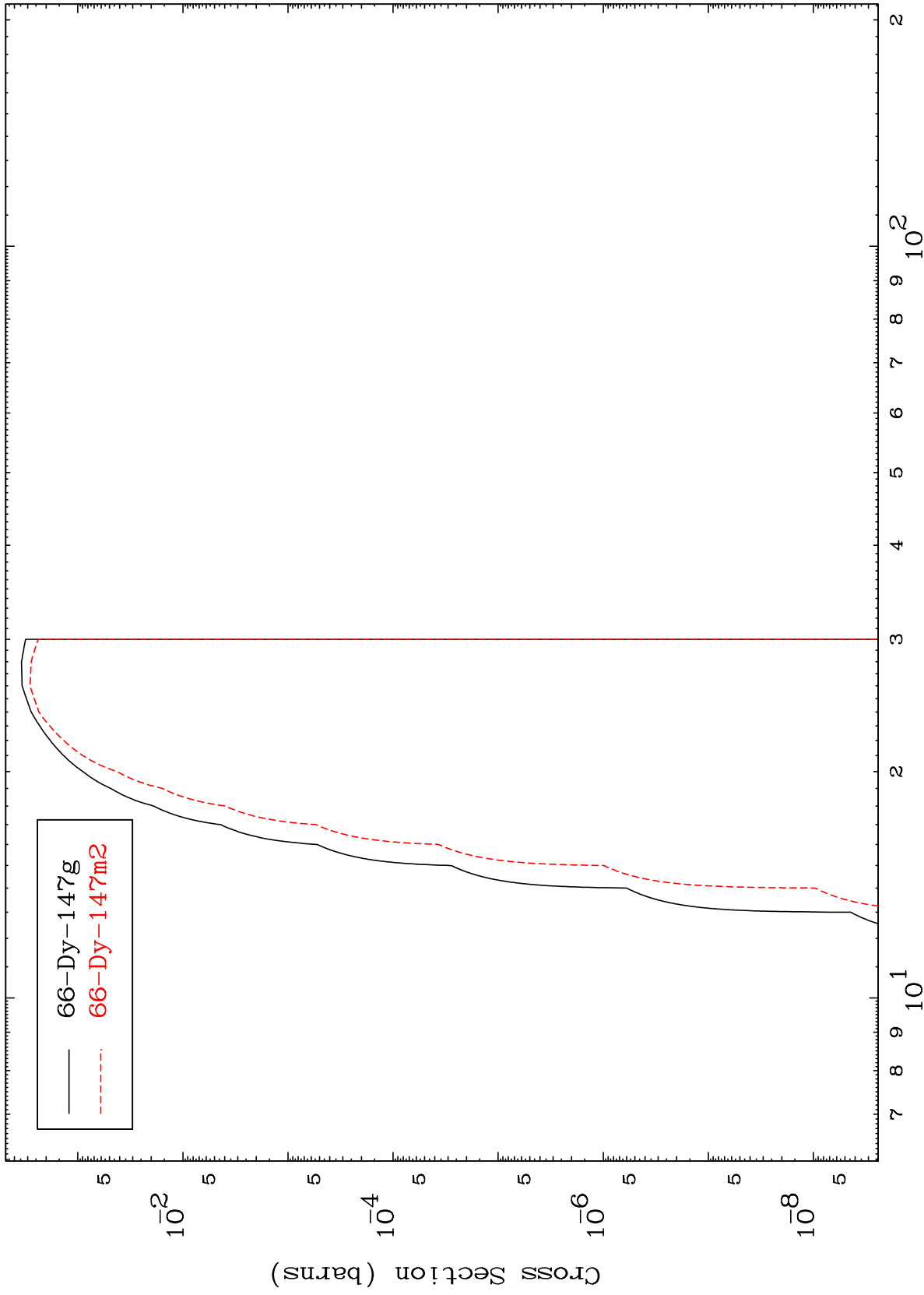
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

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



19

Incident Energy (MeV)

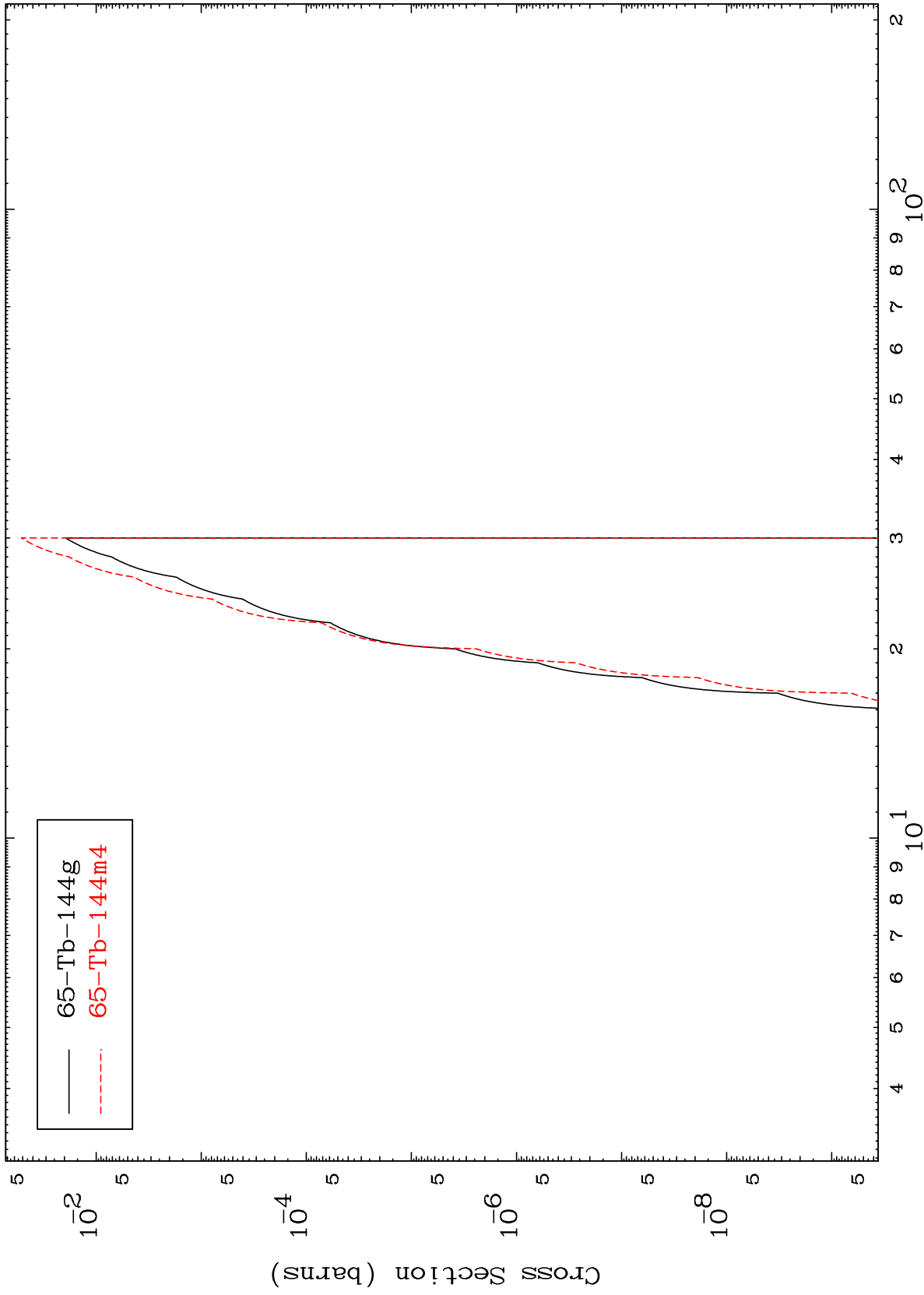
66-Dy-145

MAT 6592

(α, p) α

66-Dy-145

Radionuclide Production Cross Section



20

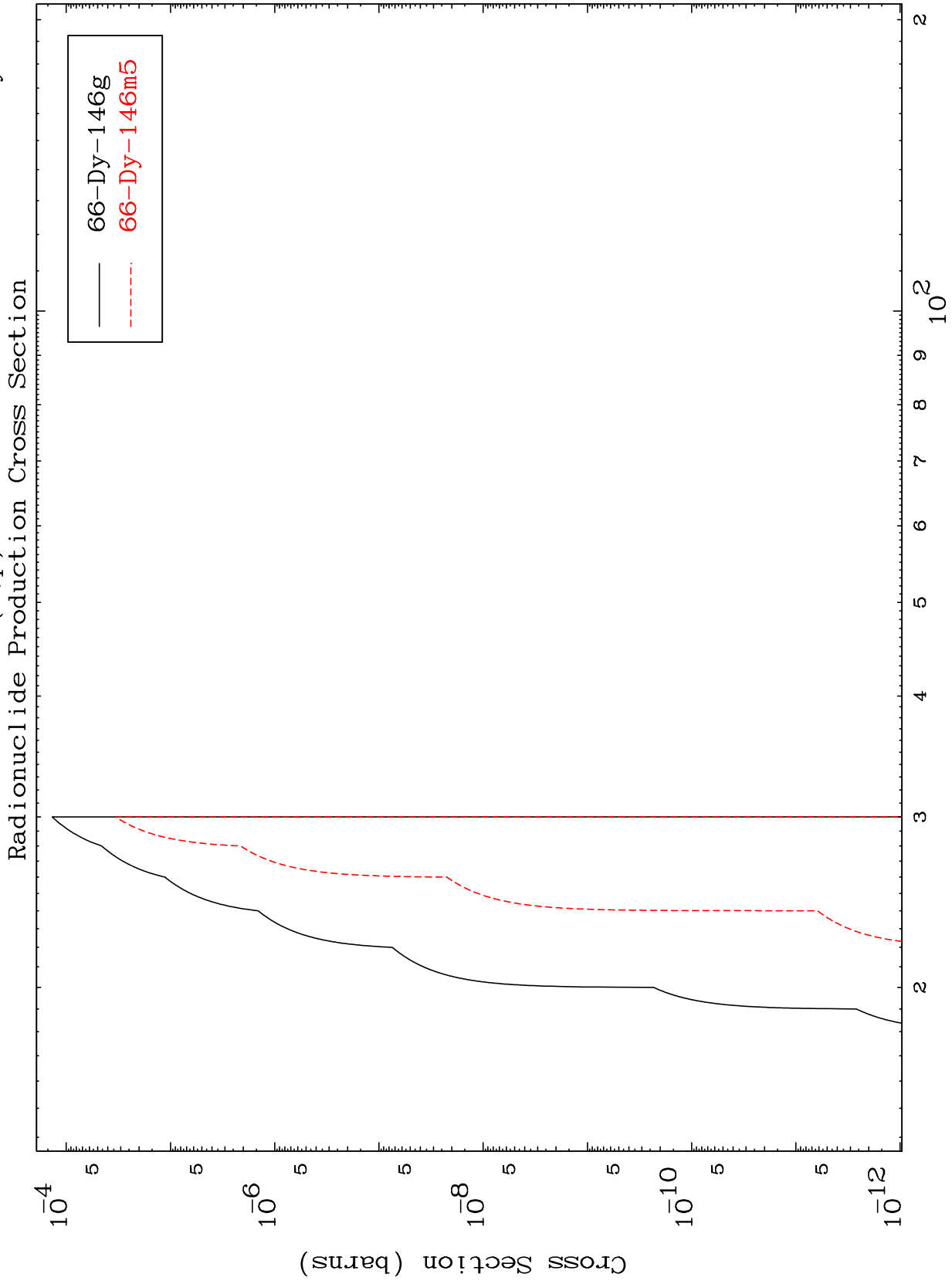
Incident Energy (MeV)

66-Dy-145

MAT 6592

(α, p) d

66-Dy-145



21

Incident Energy (MeV)

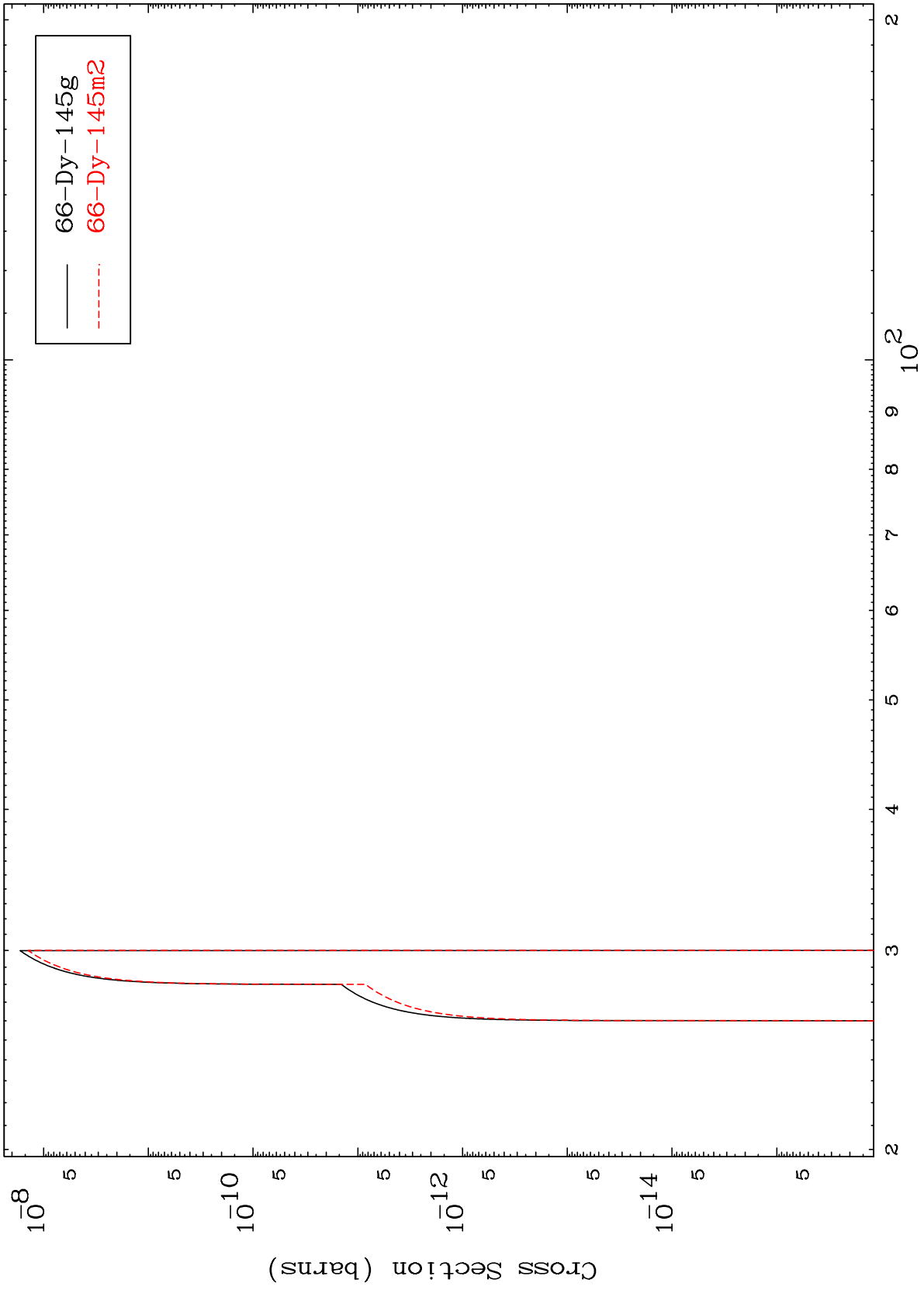
66-Dy-145

MAT 6592

(α, p) t

66-Dy-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

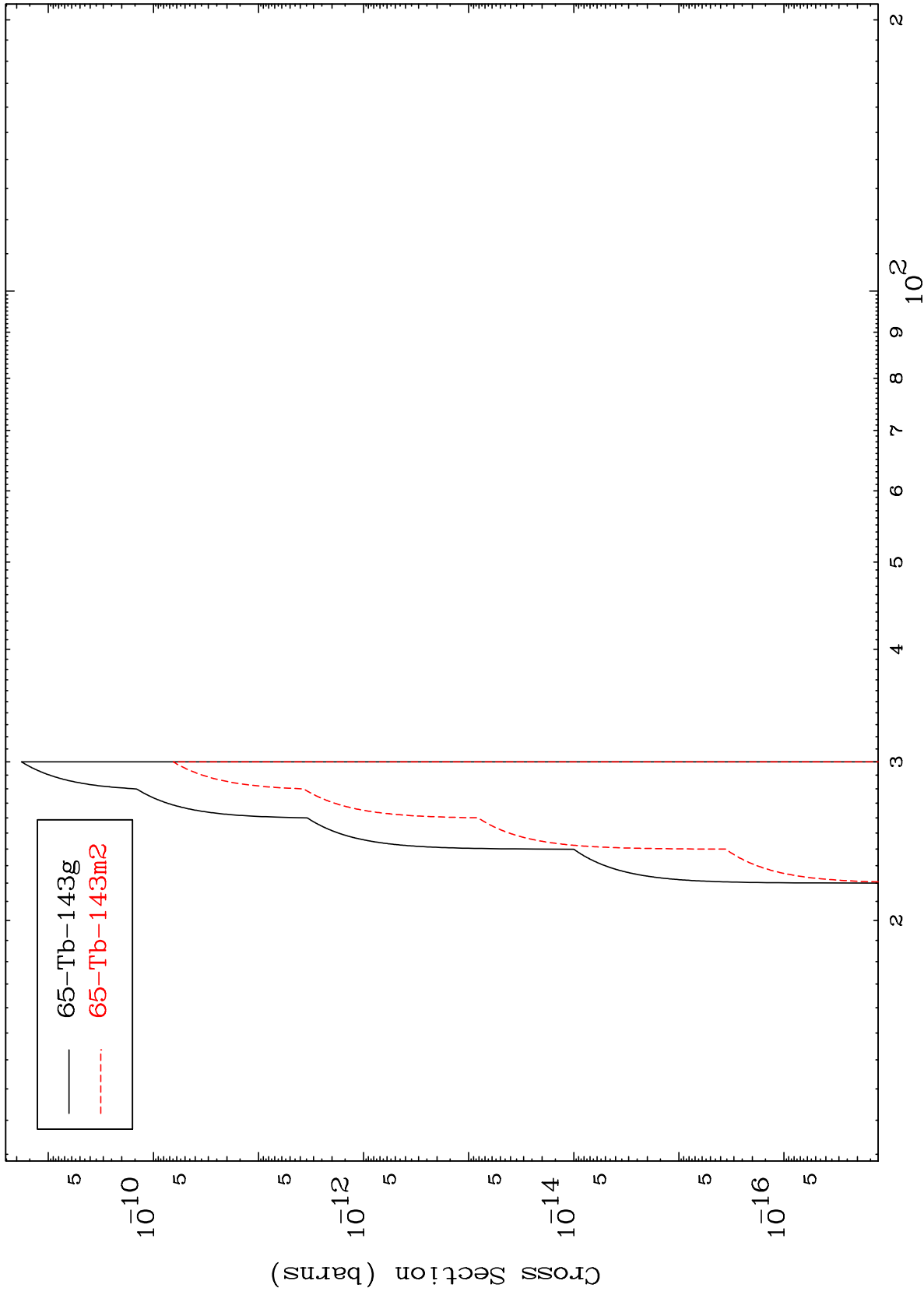
66-Dy-145

MAT 6592

(α, d) α

66-Dy-145

Radionuclide Production Cross Section



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