

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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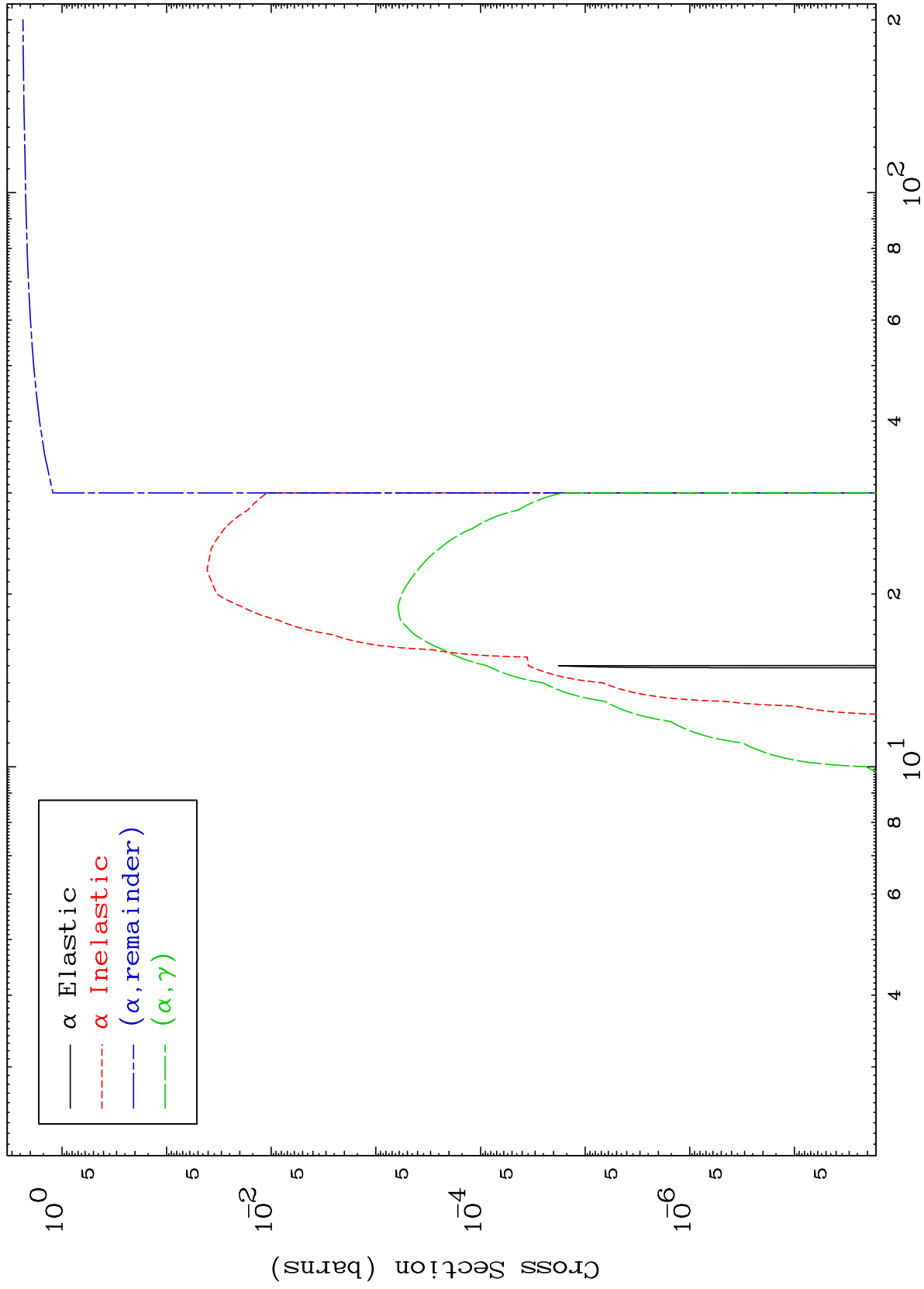
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6393

0 Kelvin α Major
Cross Sections

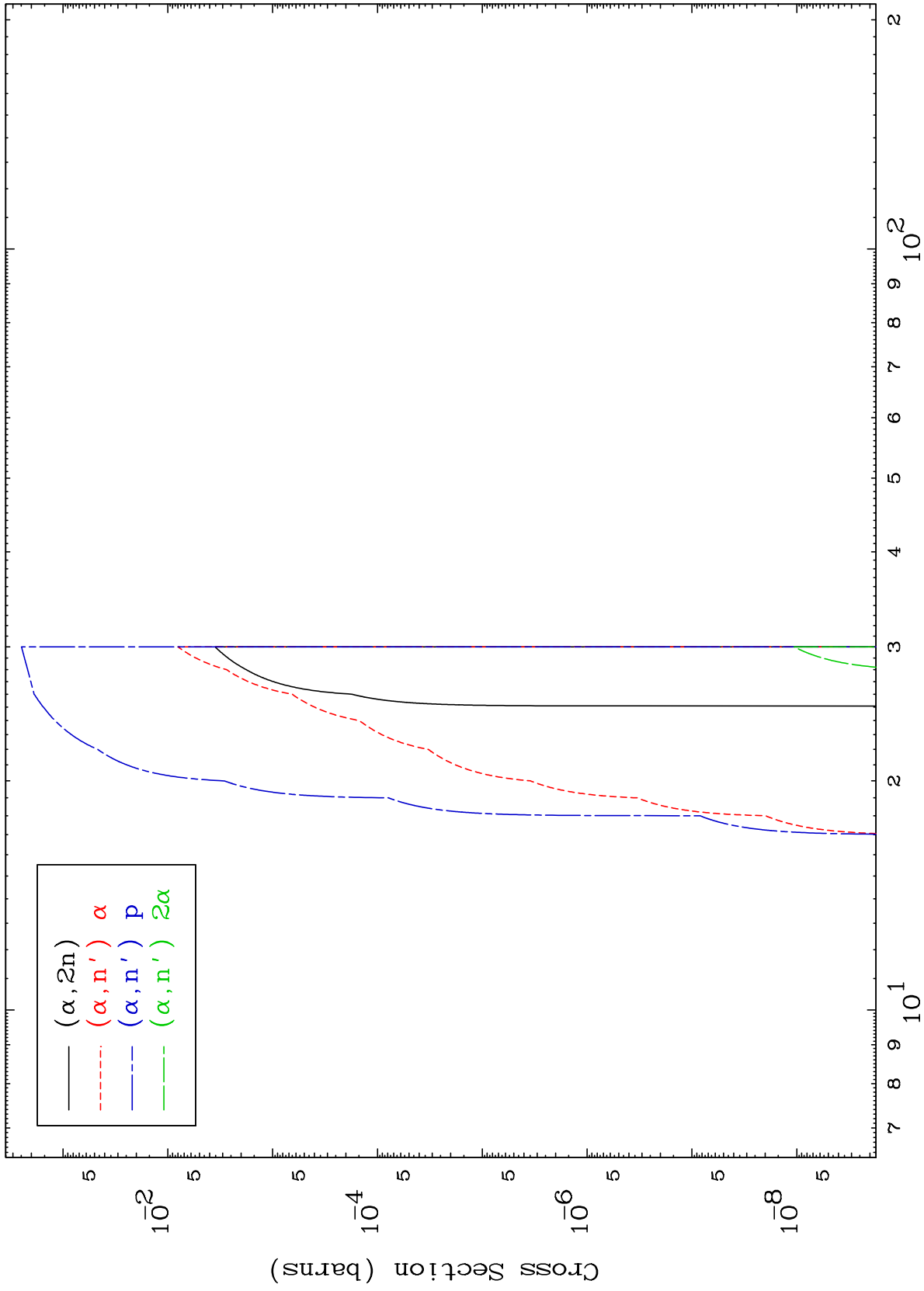
64-Gd-141



MAT 6393

α Neutron Production
0 Kelvin Cross Sections

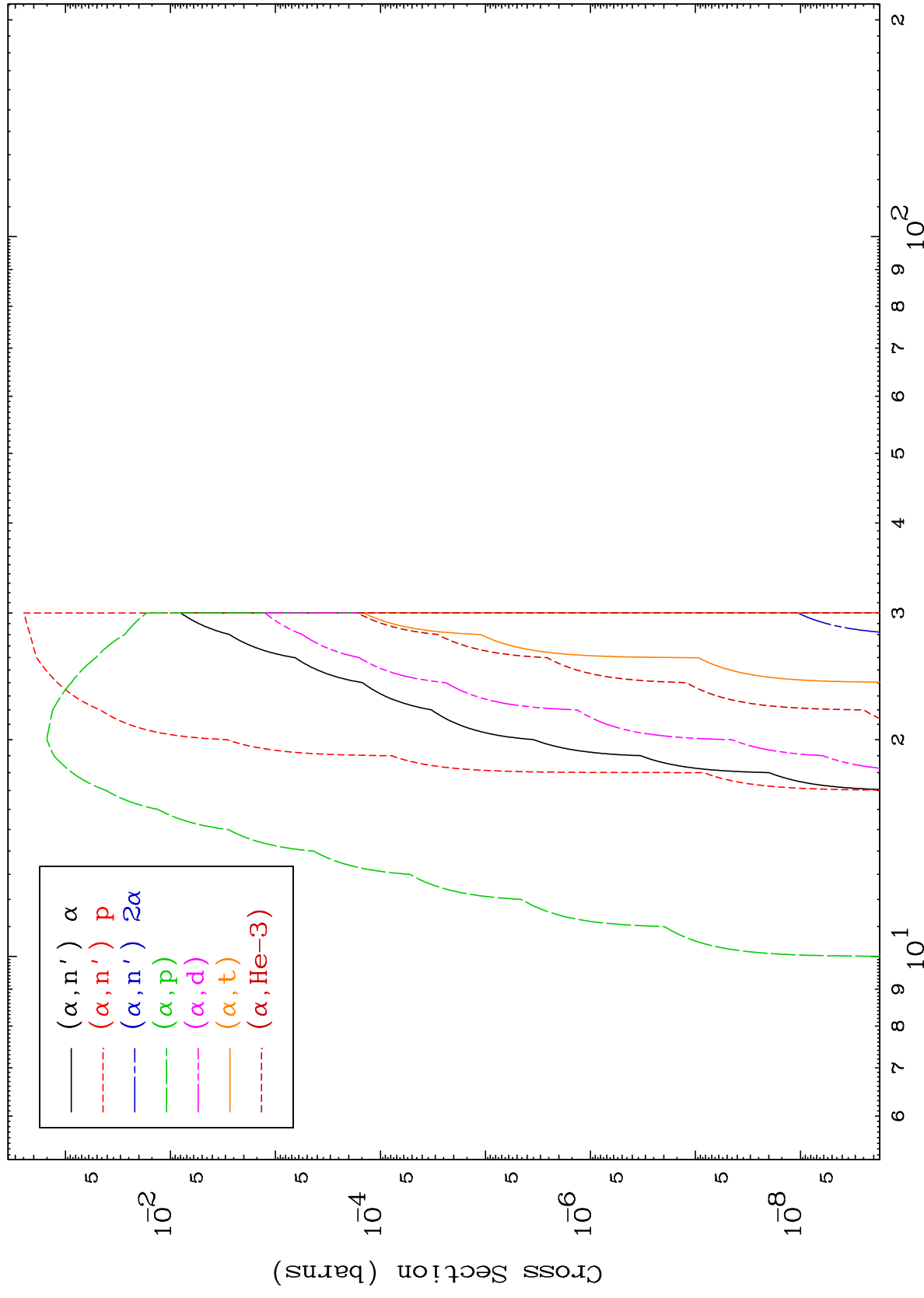
64-Gd-141



2

Incident Energy (MeV)

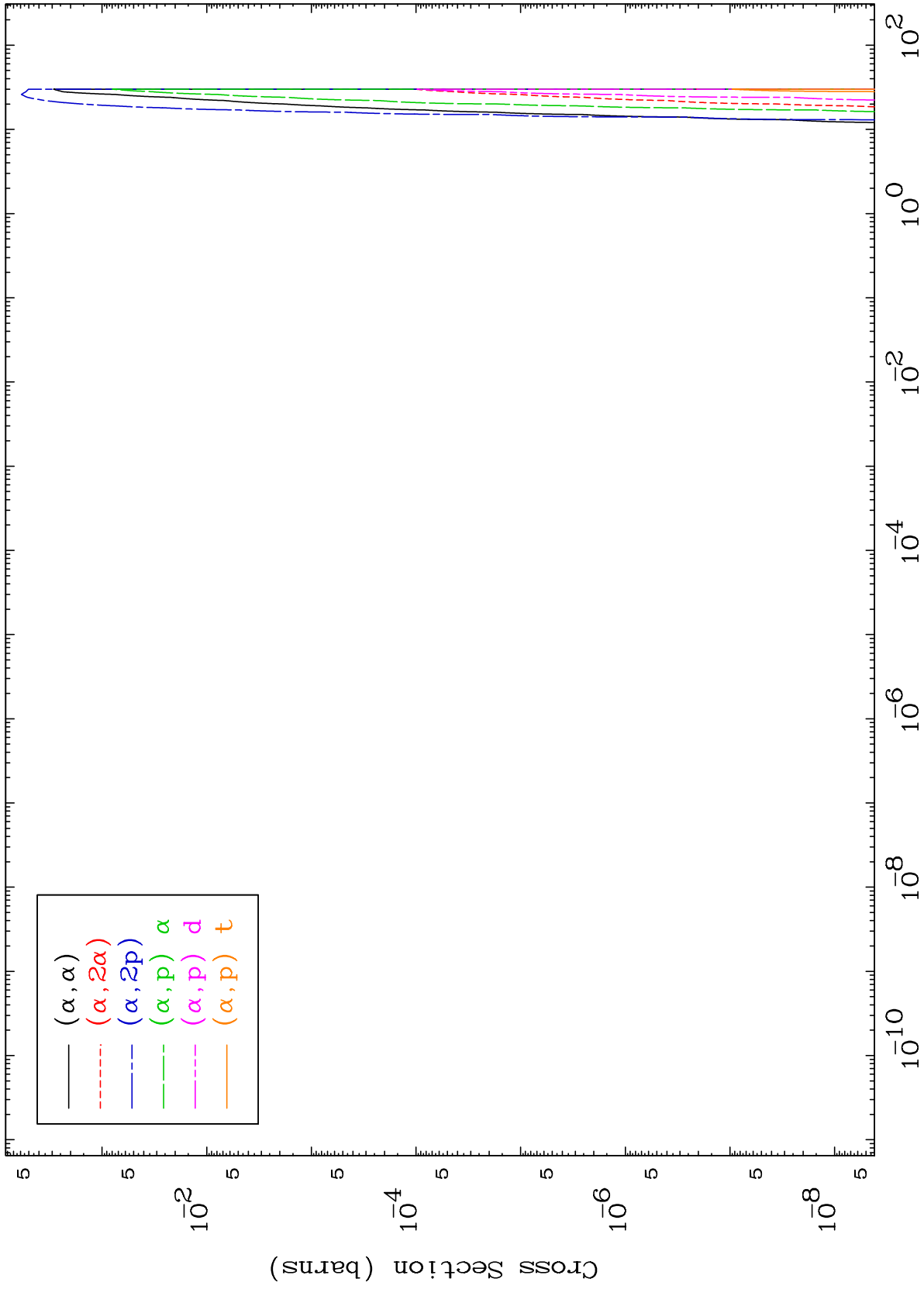
64-Gd-141



MAT 6393

α Charged Particle
0 Kelvin Cross Sections

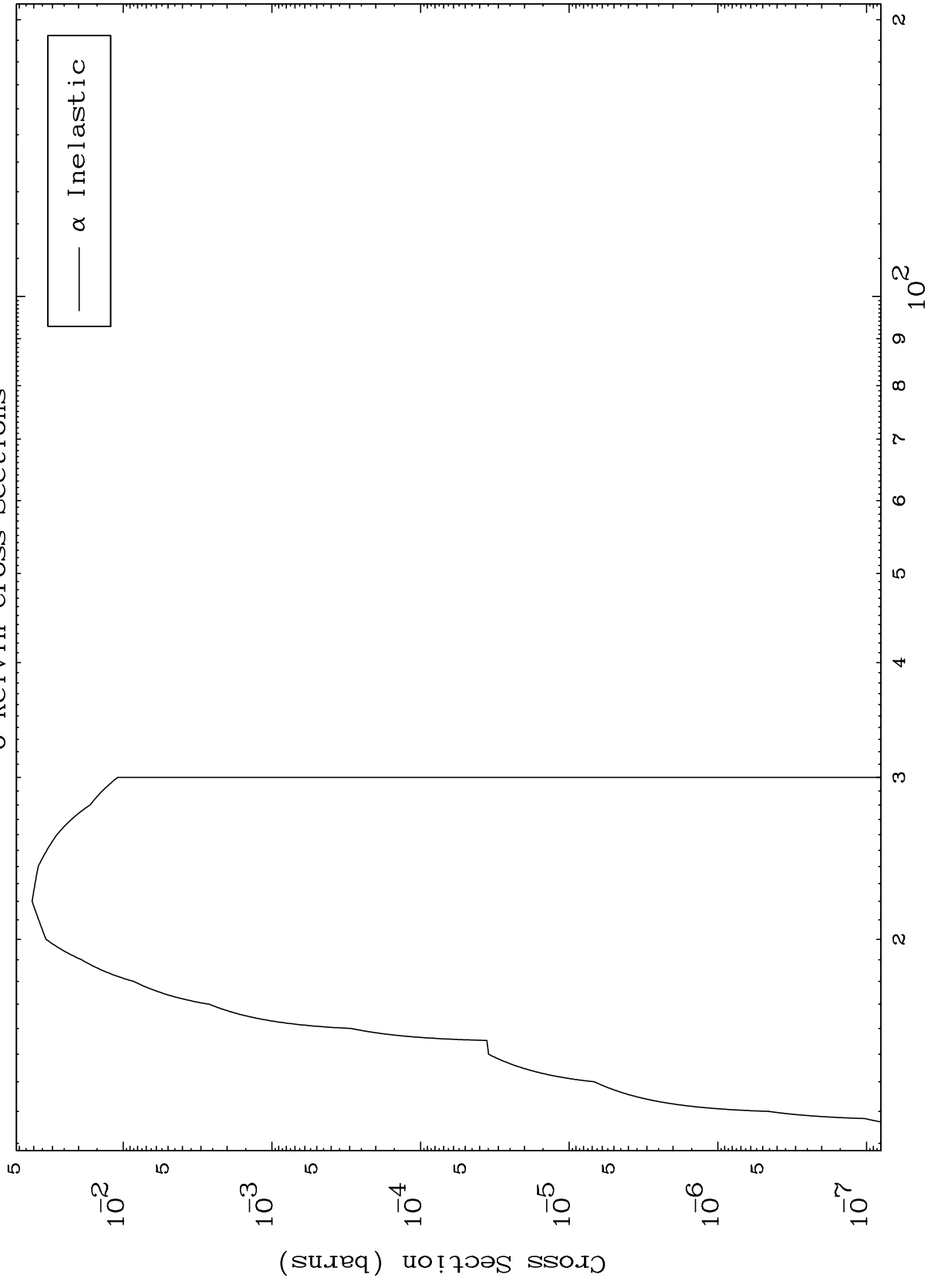
64-Gd-141



MAT 6393

(α, n') Level
0 Kelvin Cross Sections

64-Gd-141



5

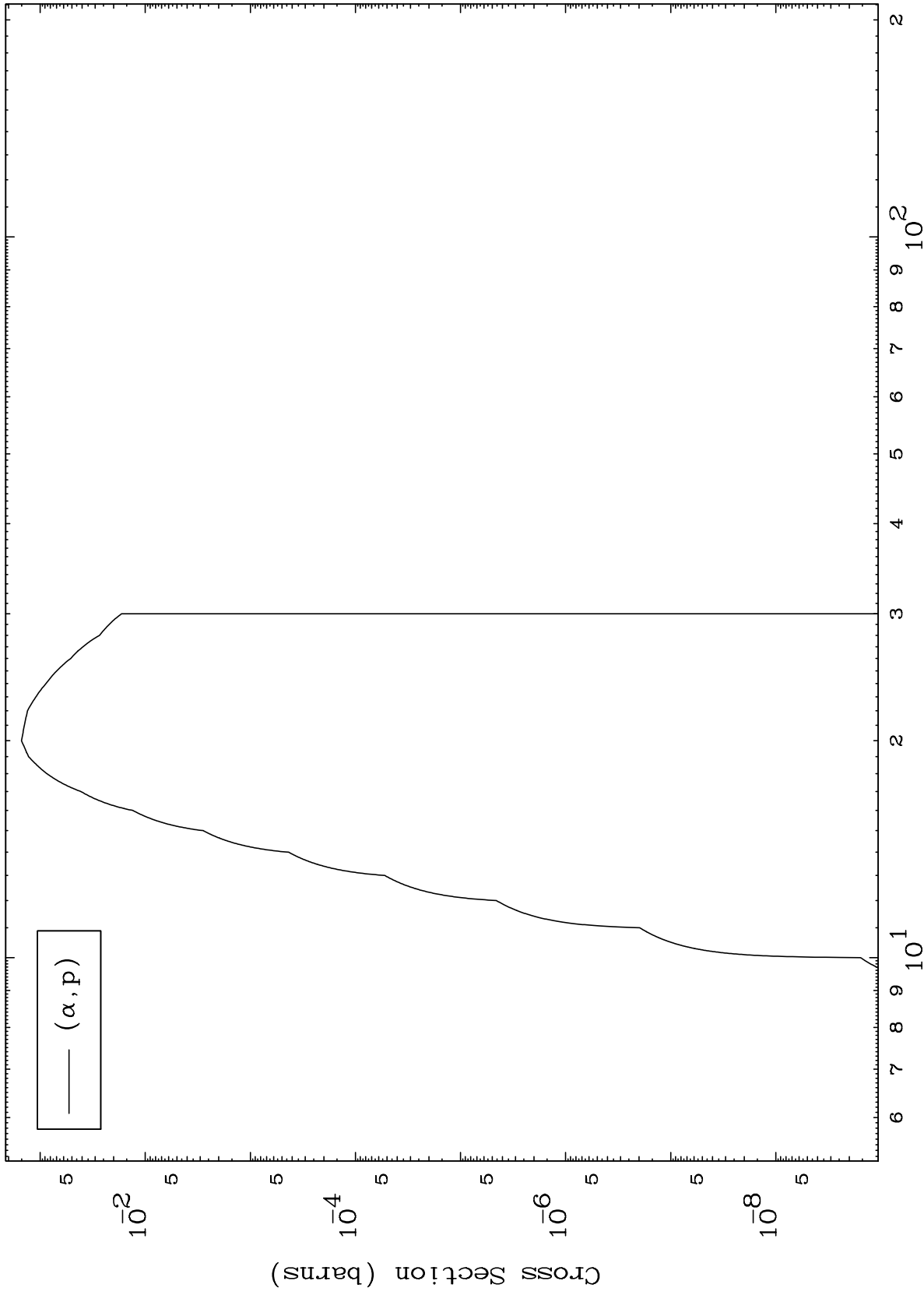
Incident Energy (MeV)

64-Gd-141

MAT 6393

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-141



6

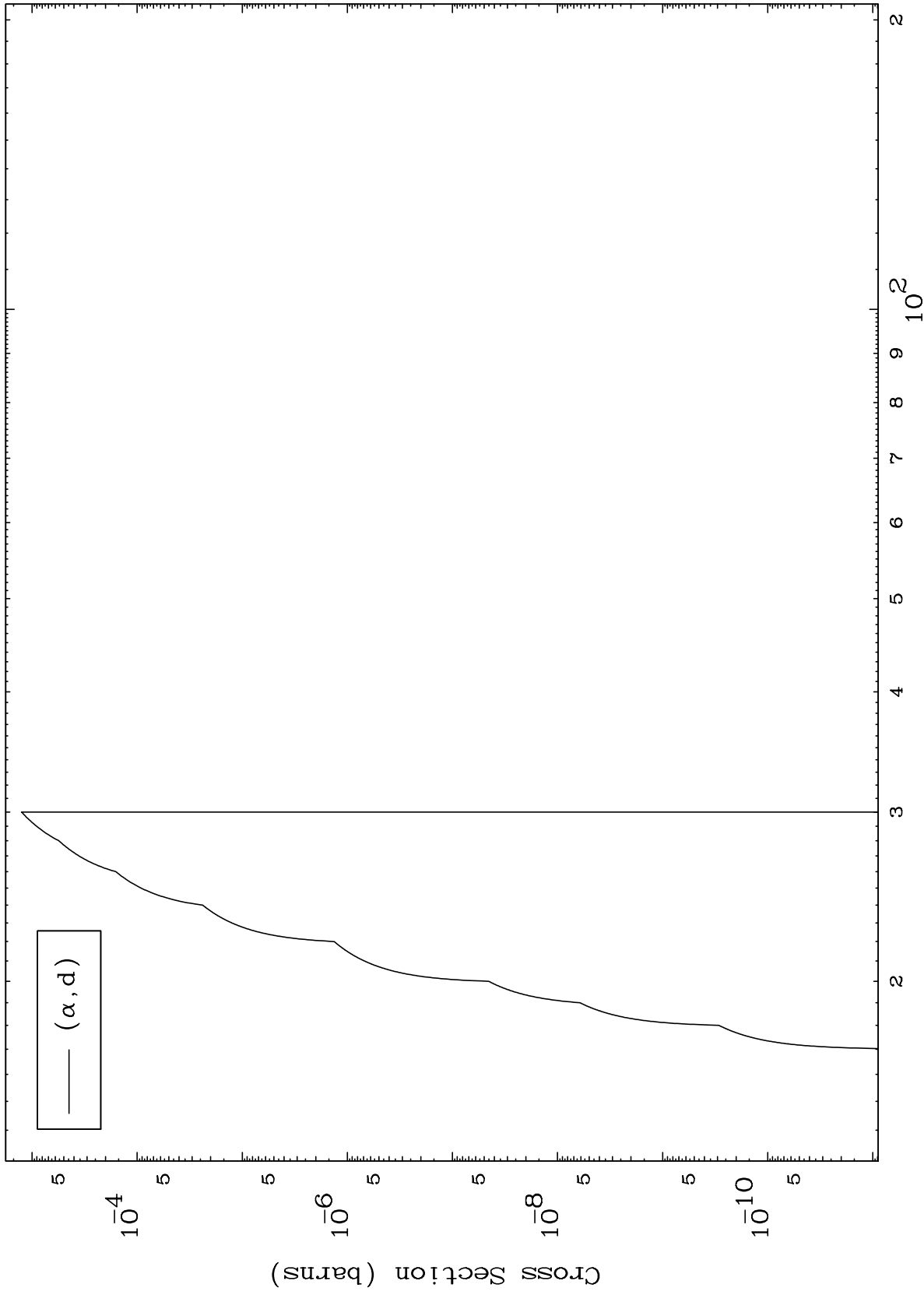
Incident Energy (MeV)

64-Gd-141

MAT 6393

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-141



7

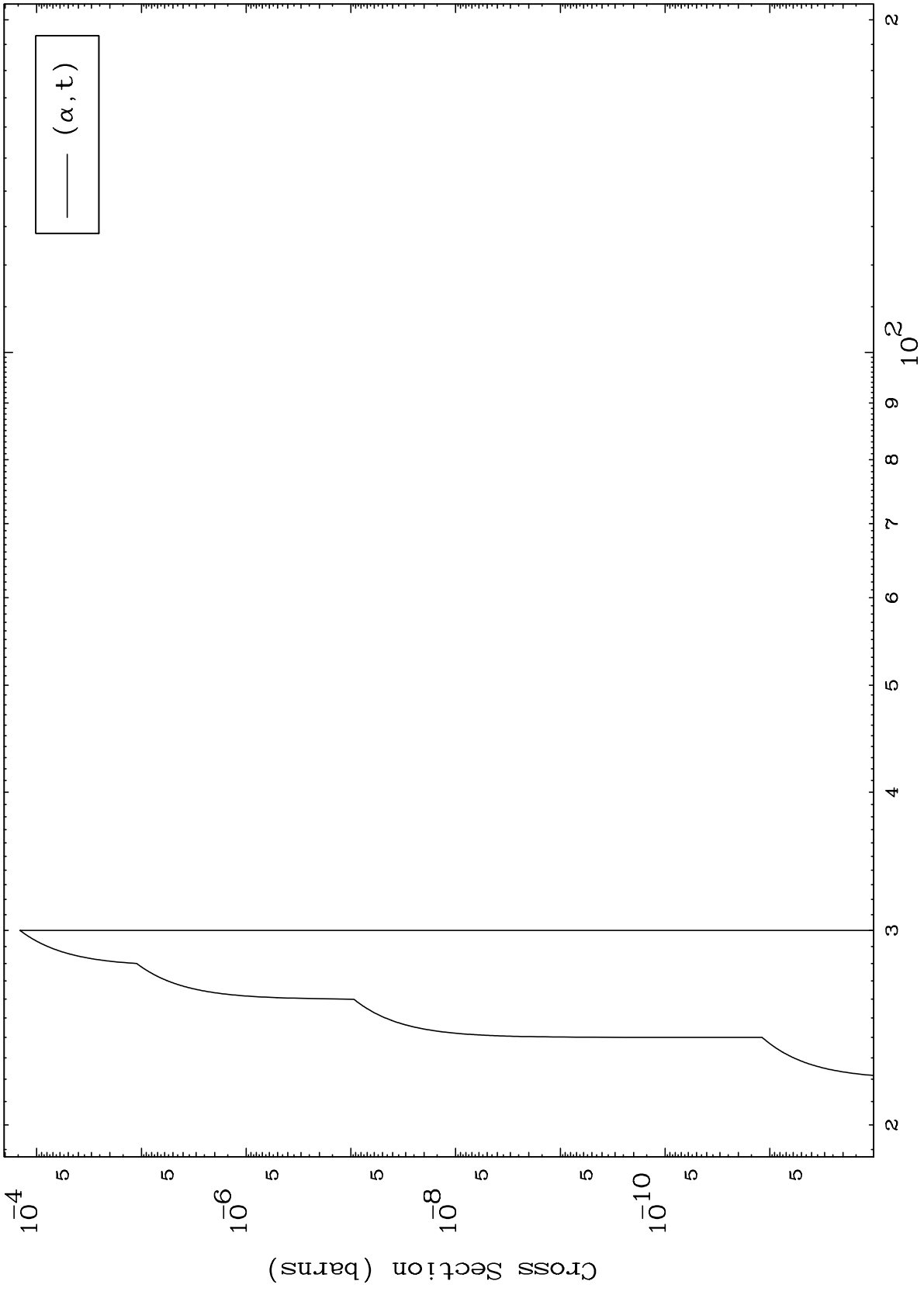
Incident Energy (MeV)

64-Gd-141

MAT 6393

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-141



8

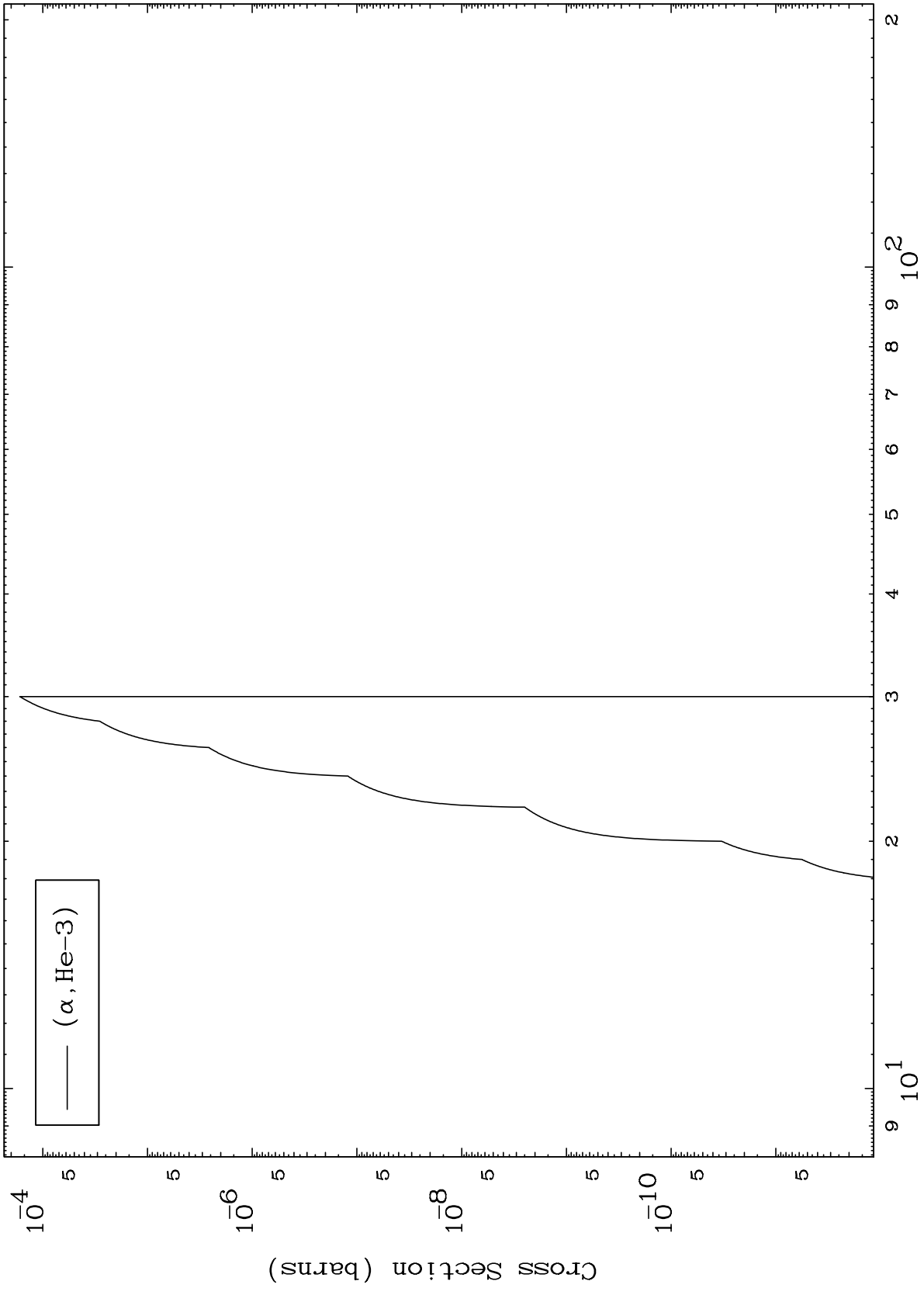
Incident Energy (MeV)

64-Gd-141

MAT 6393

(α ,He3) Levels
0 Kelvin Cross Sections

64-Gd-141



9

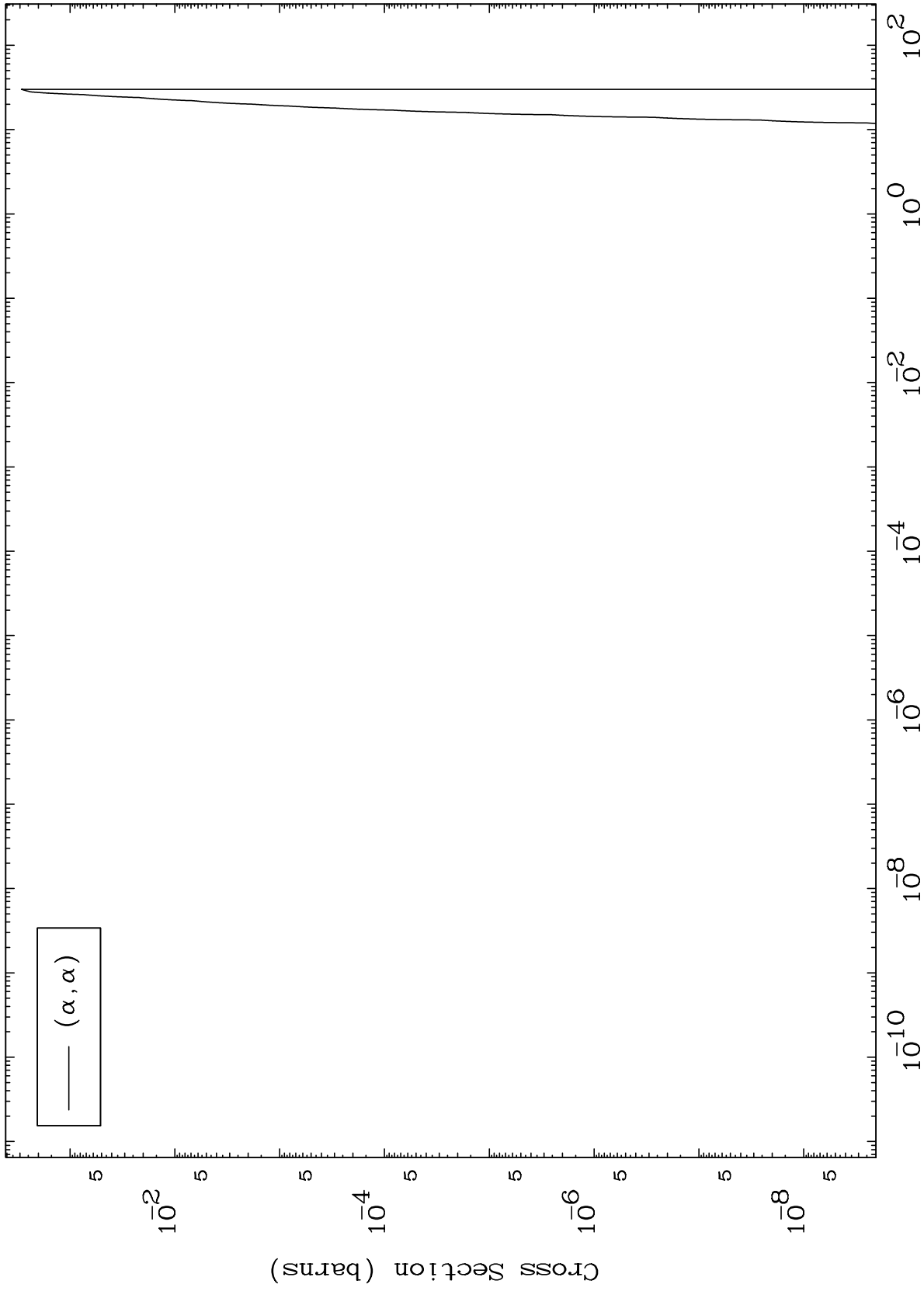
Incident Energy (MeV)

64-Gd-141

MAT 6393

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-141



10

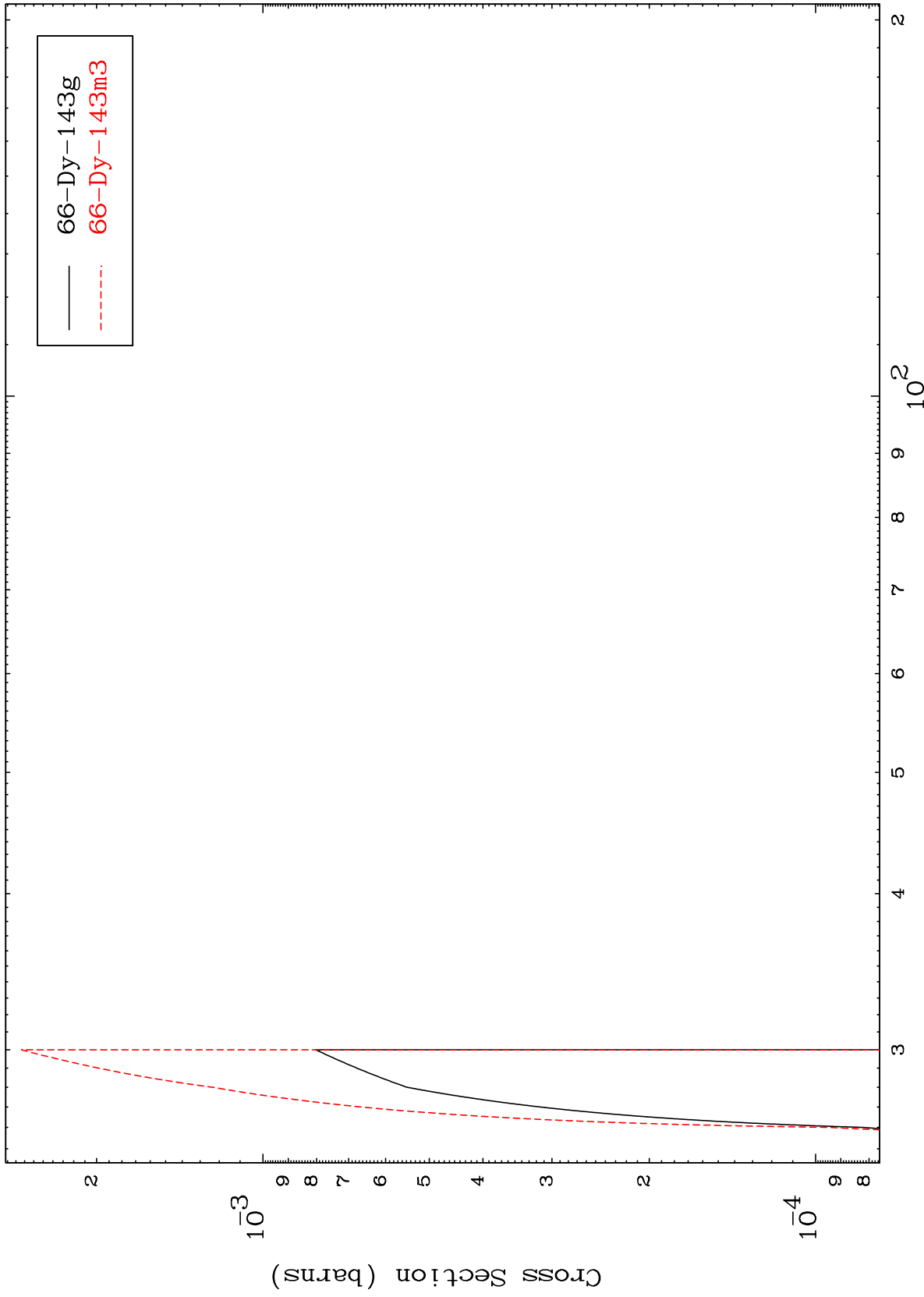
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

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



11

Incident Energy (MeV)

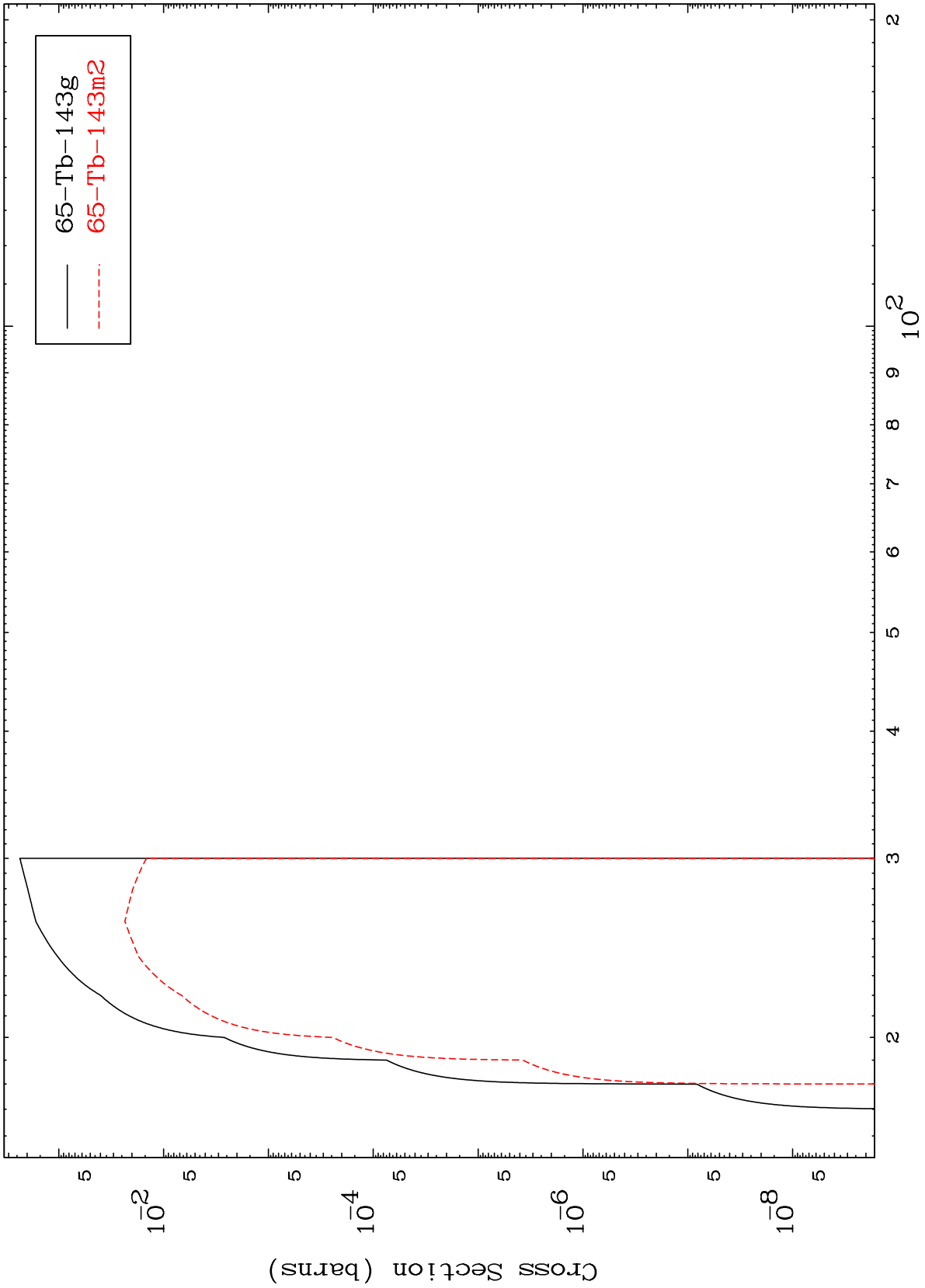
64-Gd-141

MAT 6393

(α, n') p

64-Gd-141

Radionuclide Production Cross Section



12

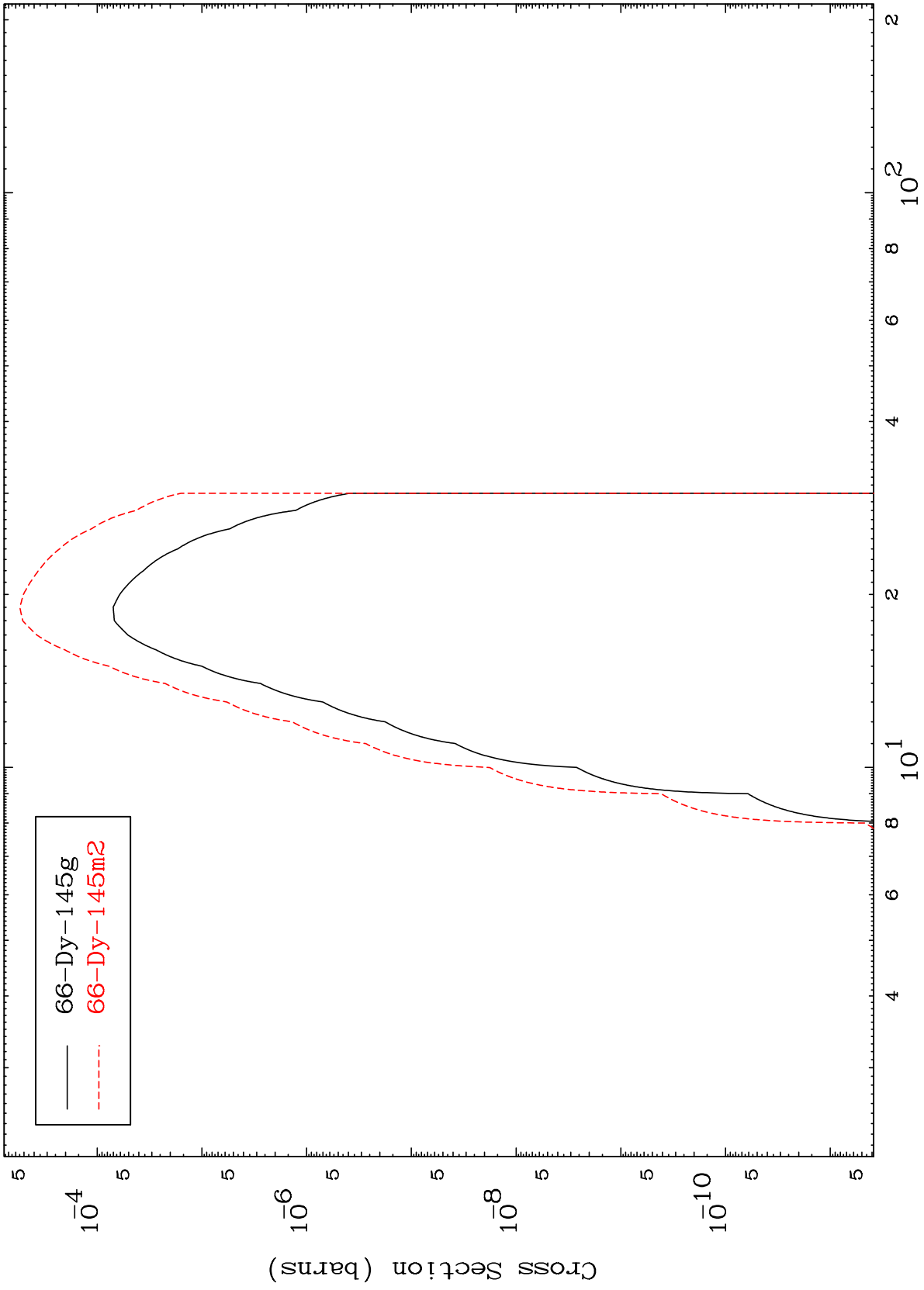
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(α, γ)
Radionuclide Production Cross Section



13

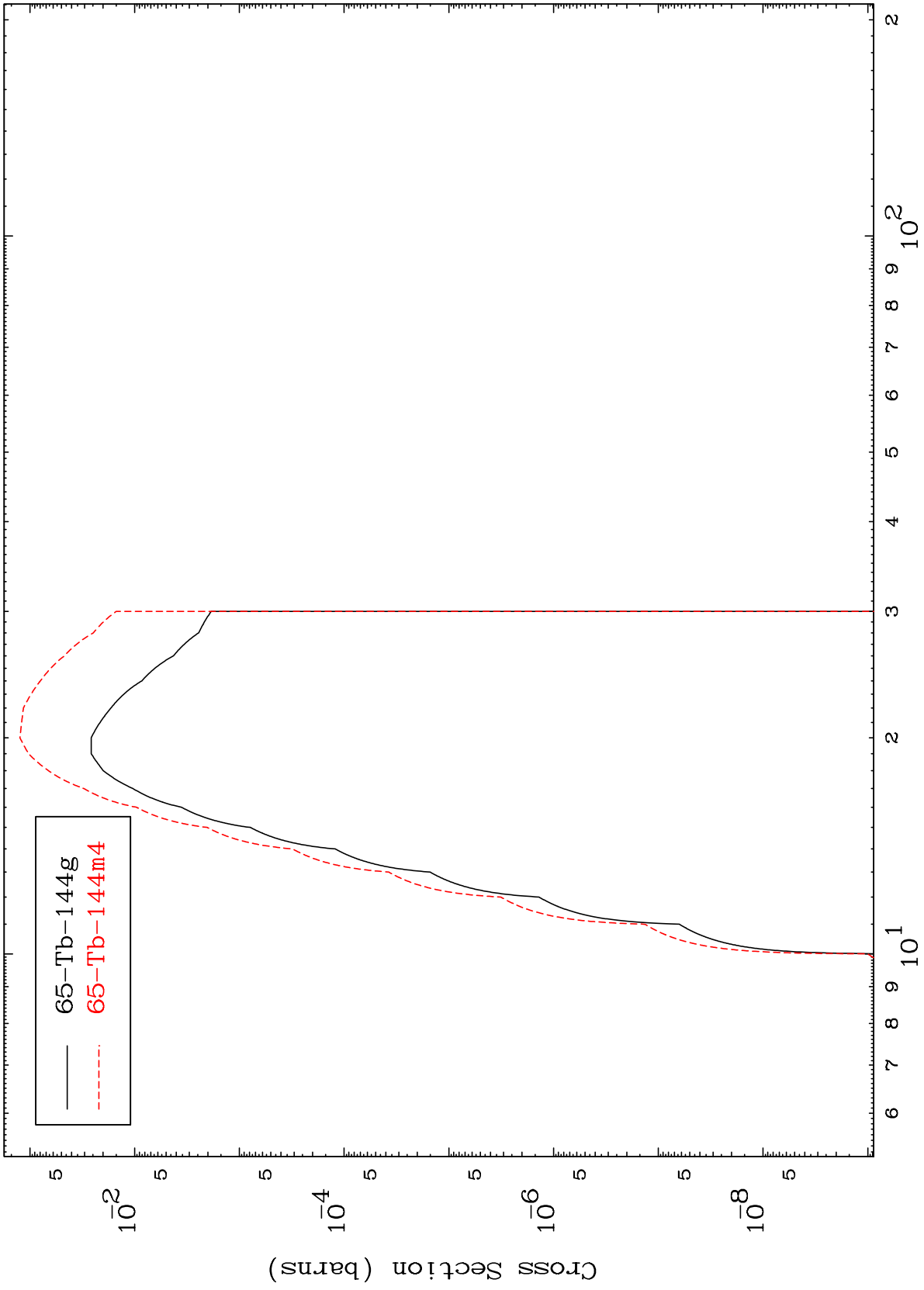
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(α, p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

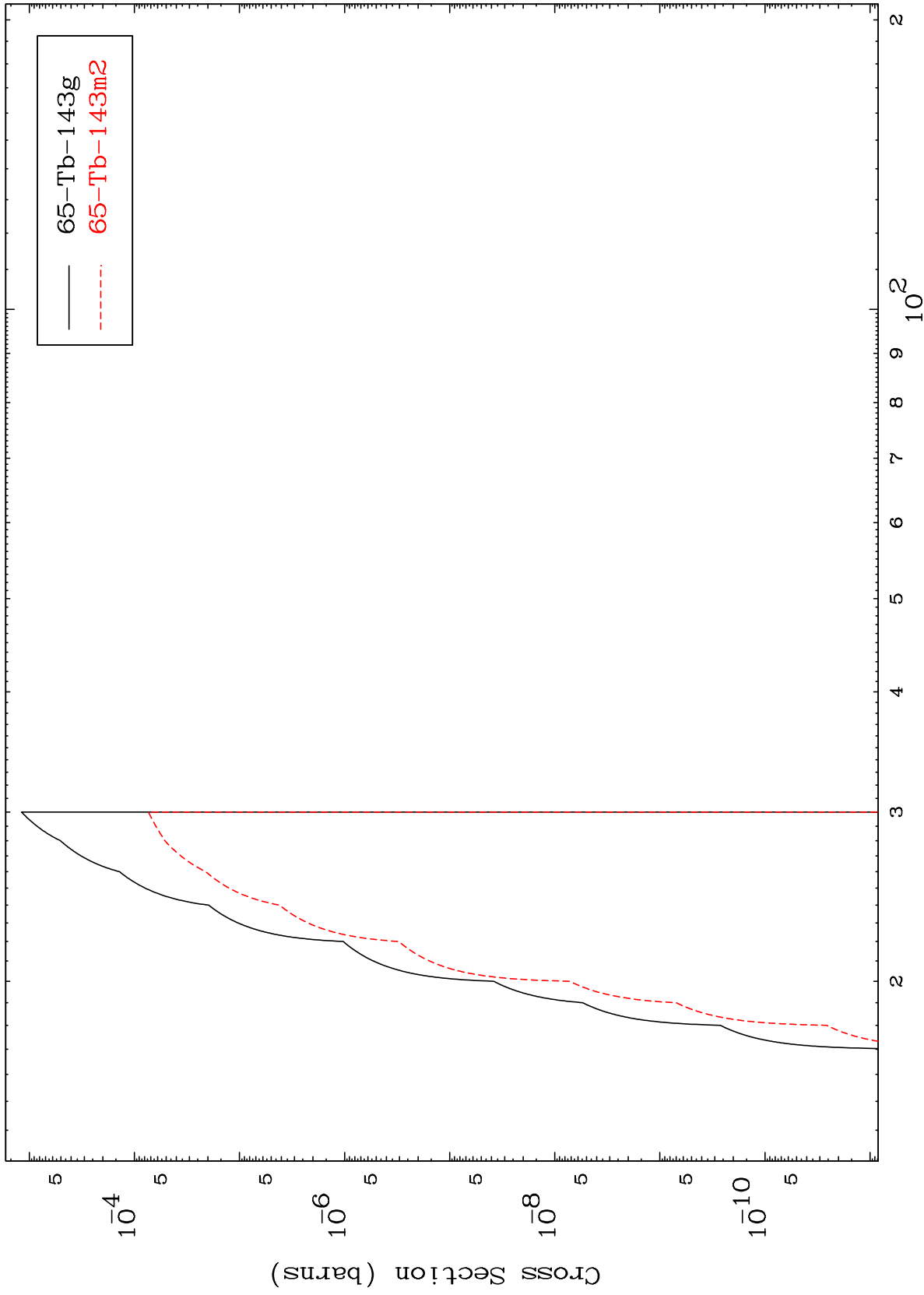
64-Gd-141

MAT 6393

(α, d)

64-Gd-141

Radionuclide Production Cross Section



15

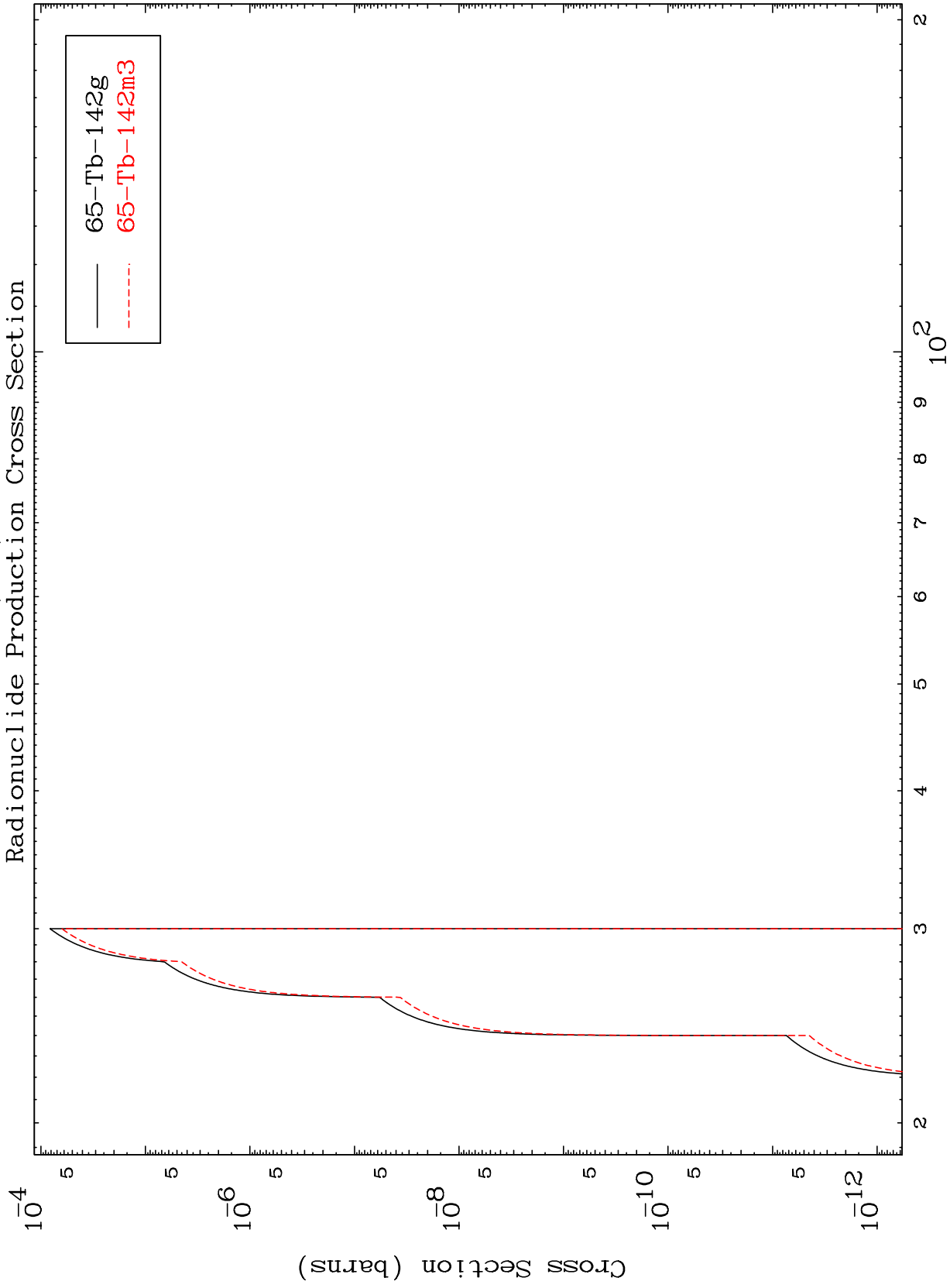
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(α, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

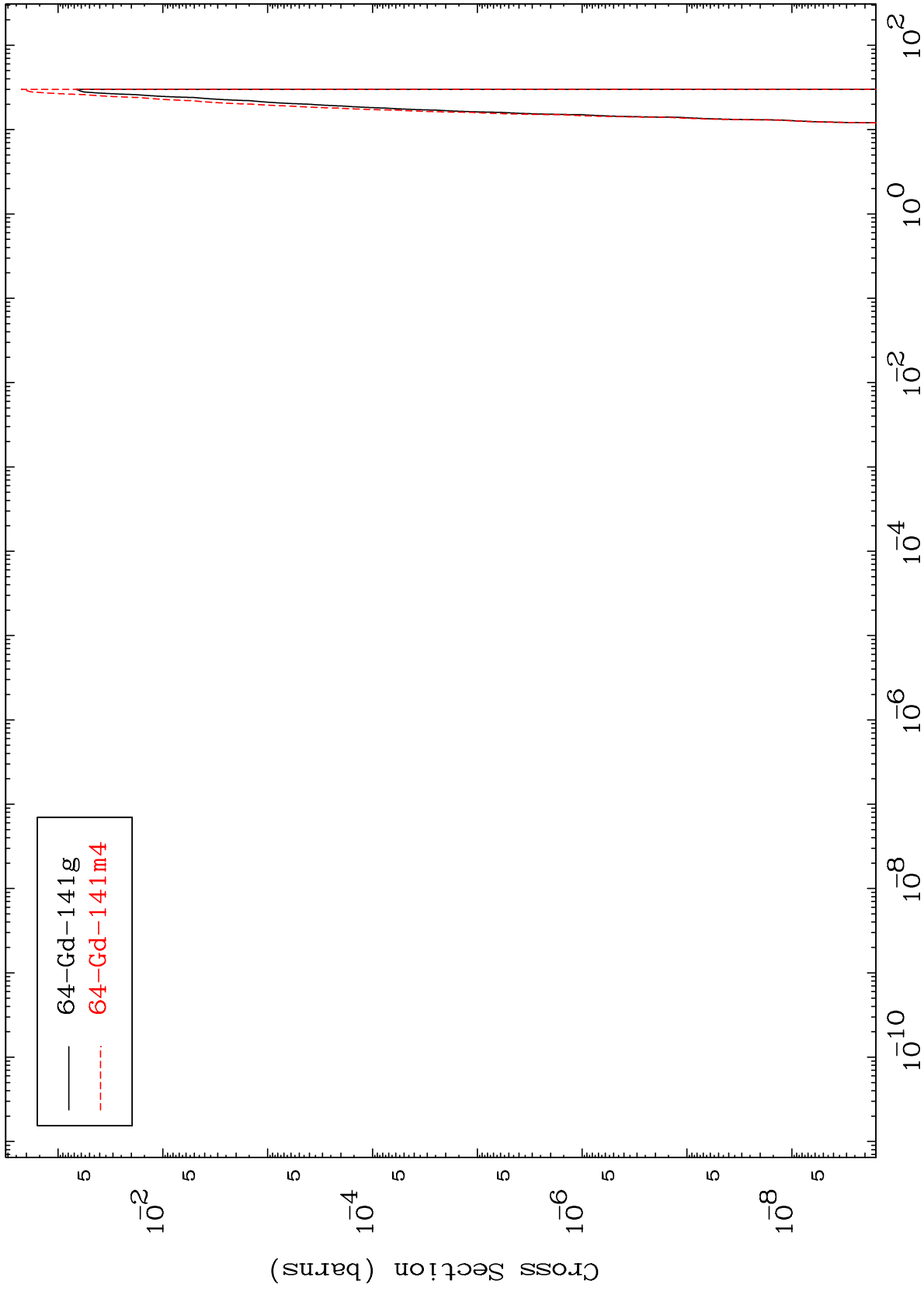
64-Gd-141

MAT 6393

(α, α)

$^{64}\text{Gd-141}$

Radionuclide Production Cross Section



17

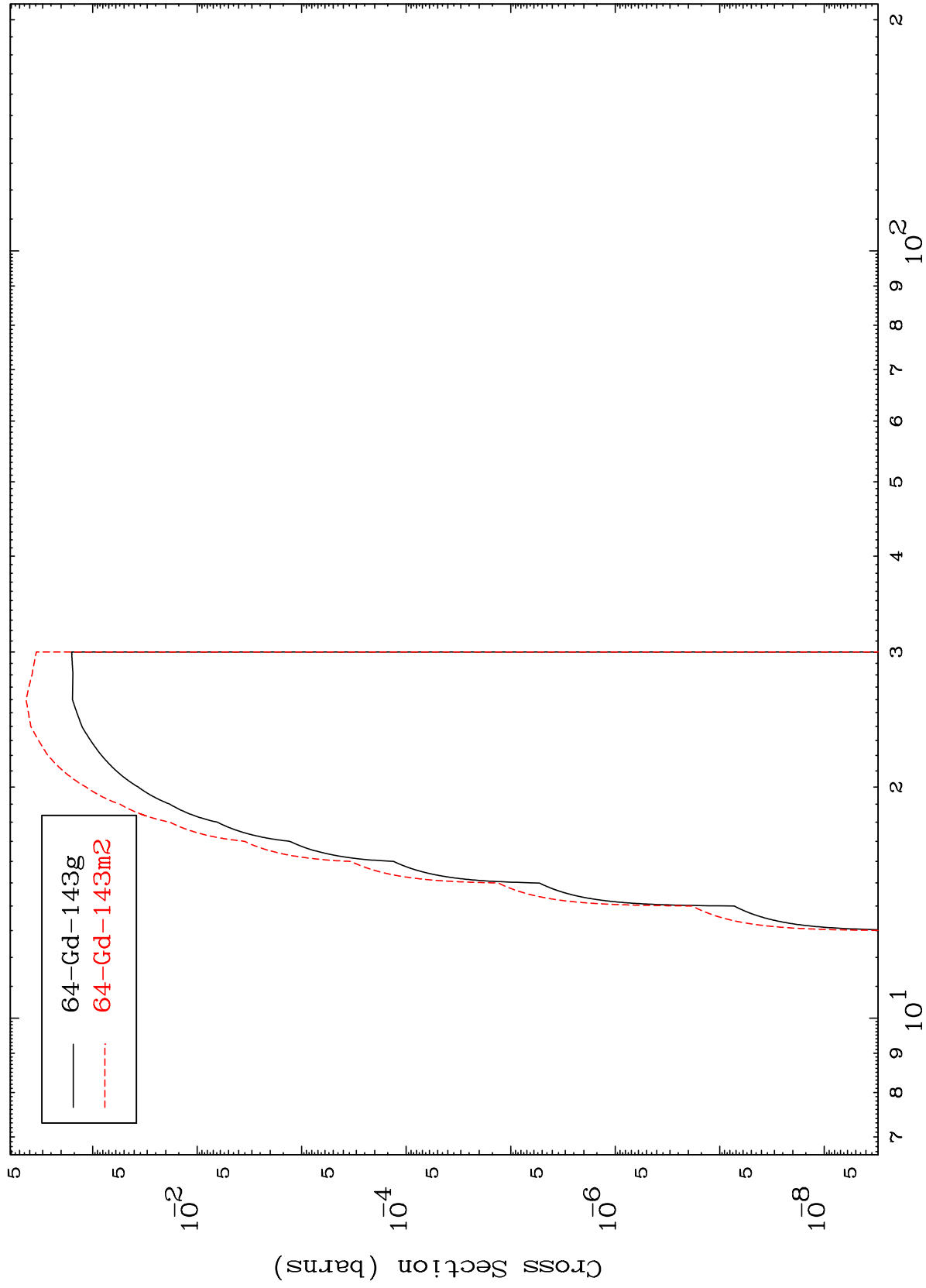
Incident Energy (MeV)

$^{64}\text{Gd-141}$

MAT 6393

64-Gd-141

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



18

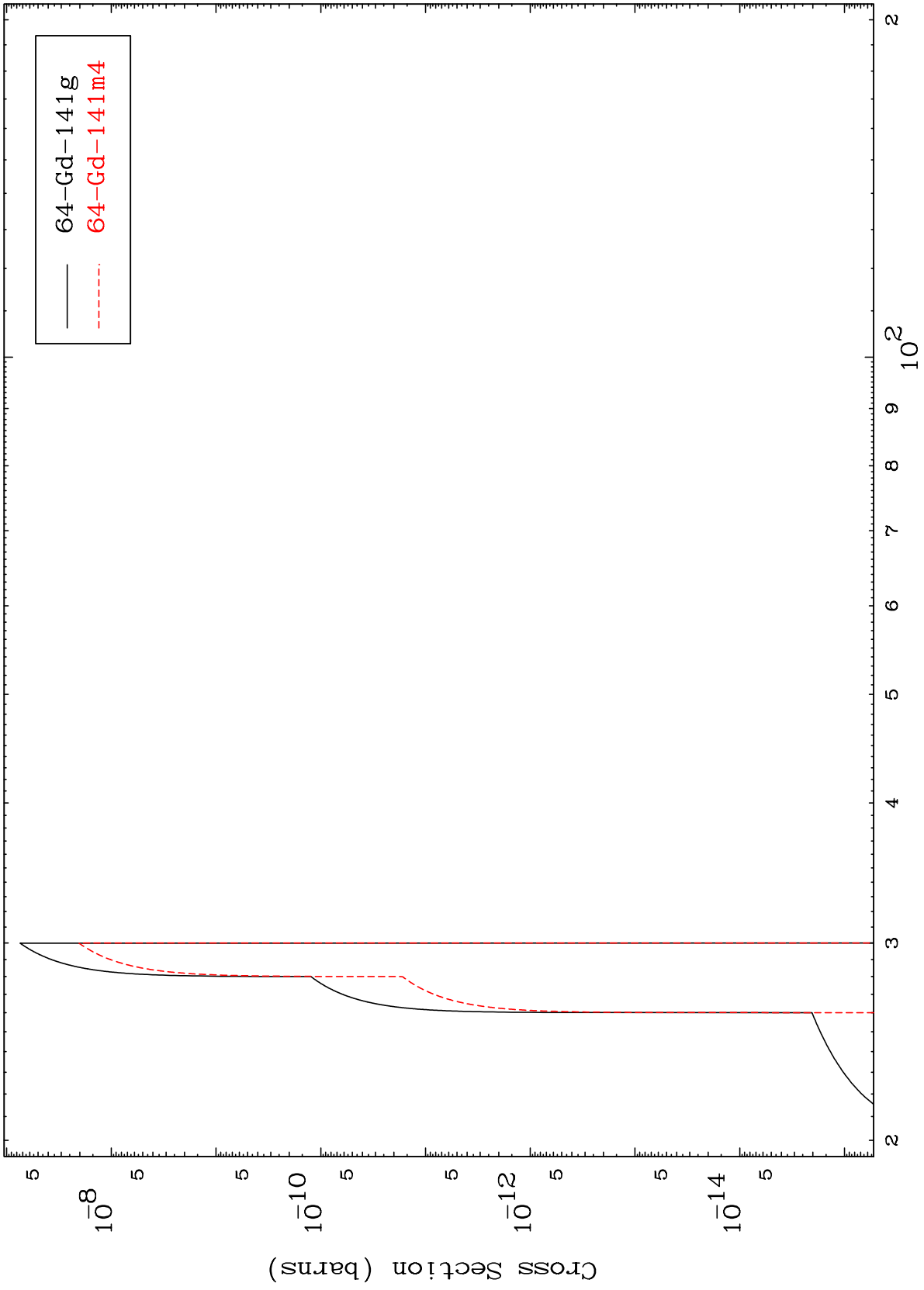
64-Gd-141

MAT 6393

(α, p) t

$^{64}\text{Gd-141}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

$^{64}\text{Gd-141}$