

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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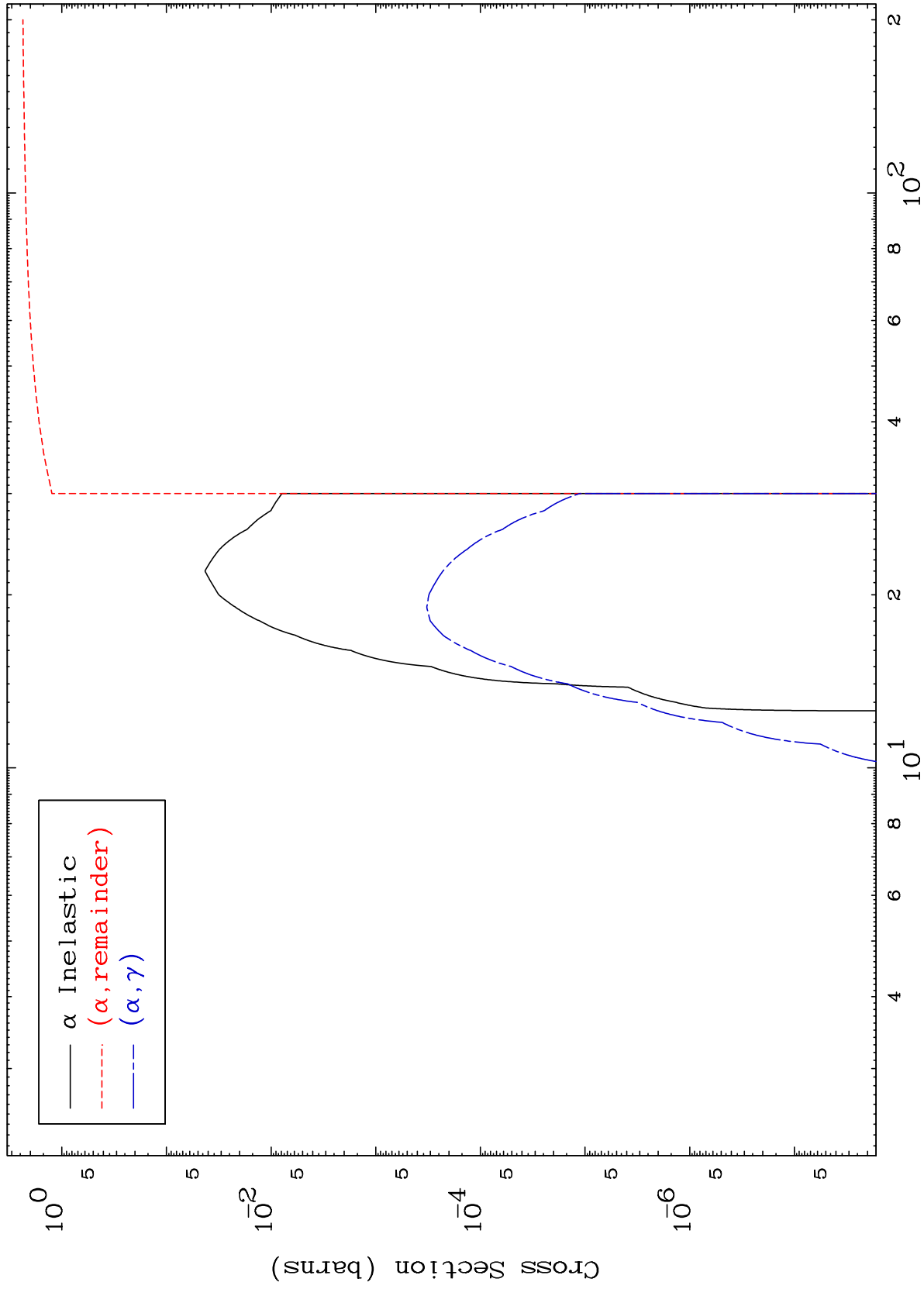
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6292

0 Kelvin α Major

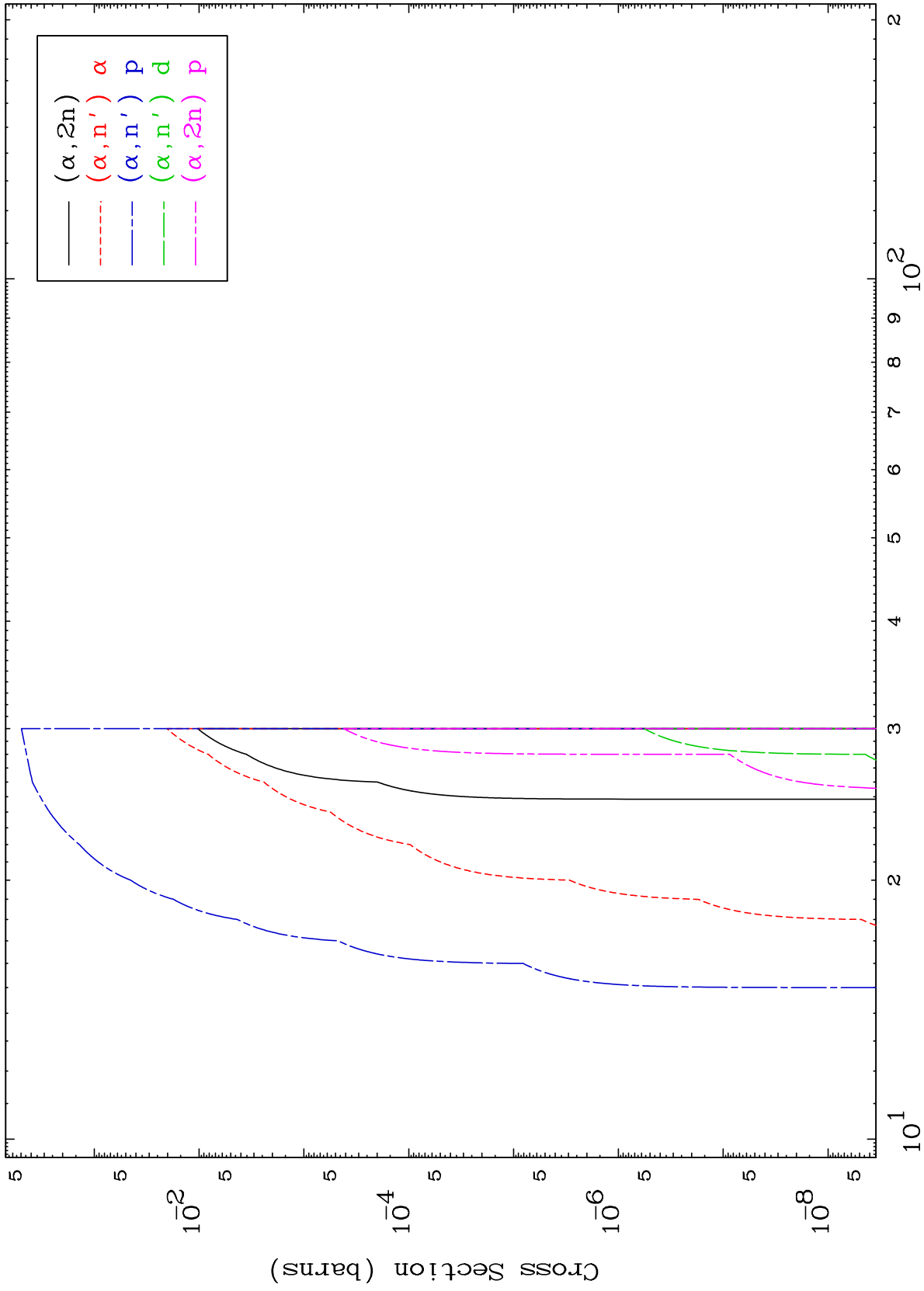
63-Eu-140



MAT 6292

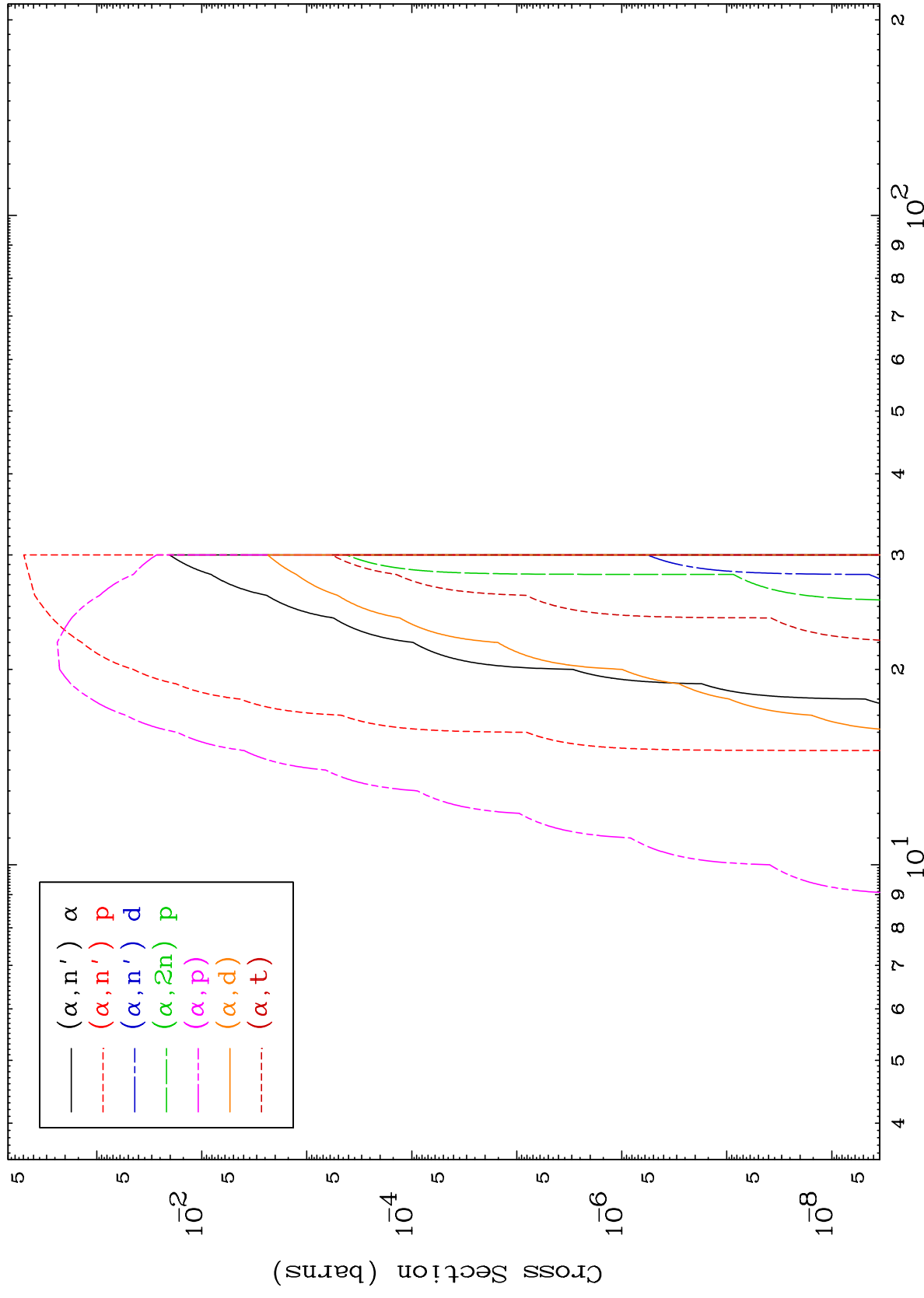
α Neutron Production
0 Kelvin Cross Sections

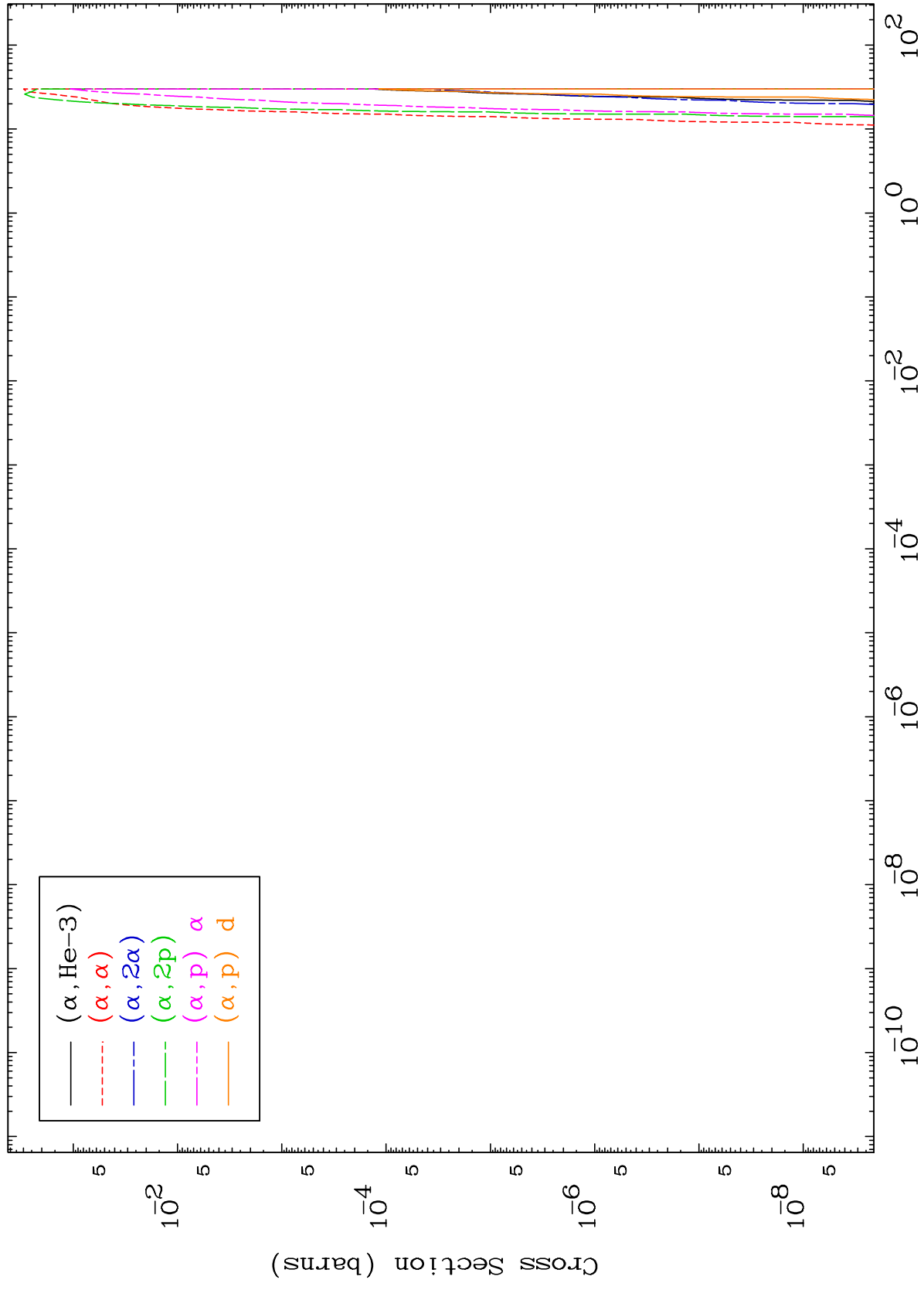
63-Eu-140



Incident Energy (MeV)

63-Eu-140

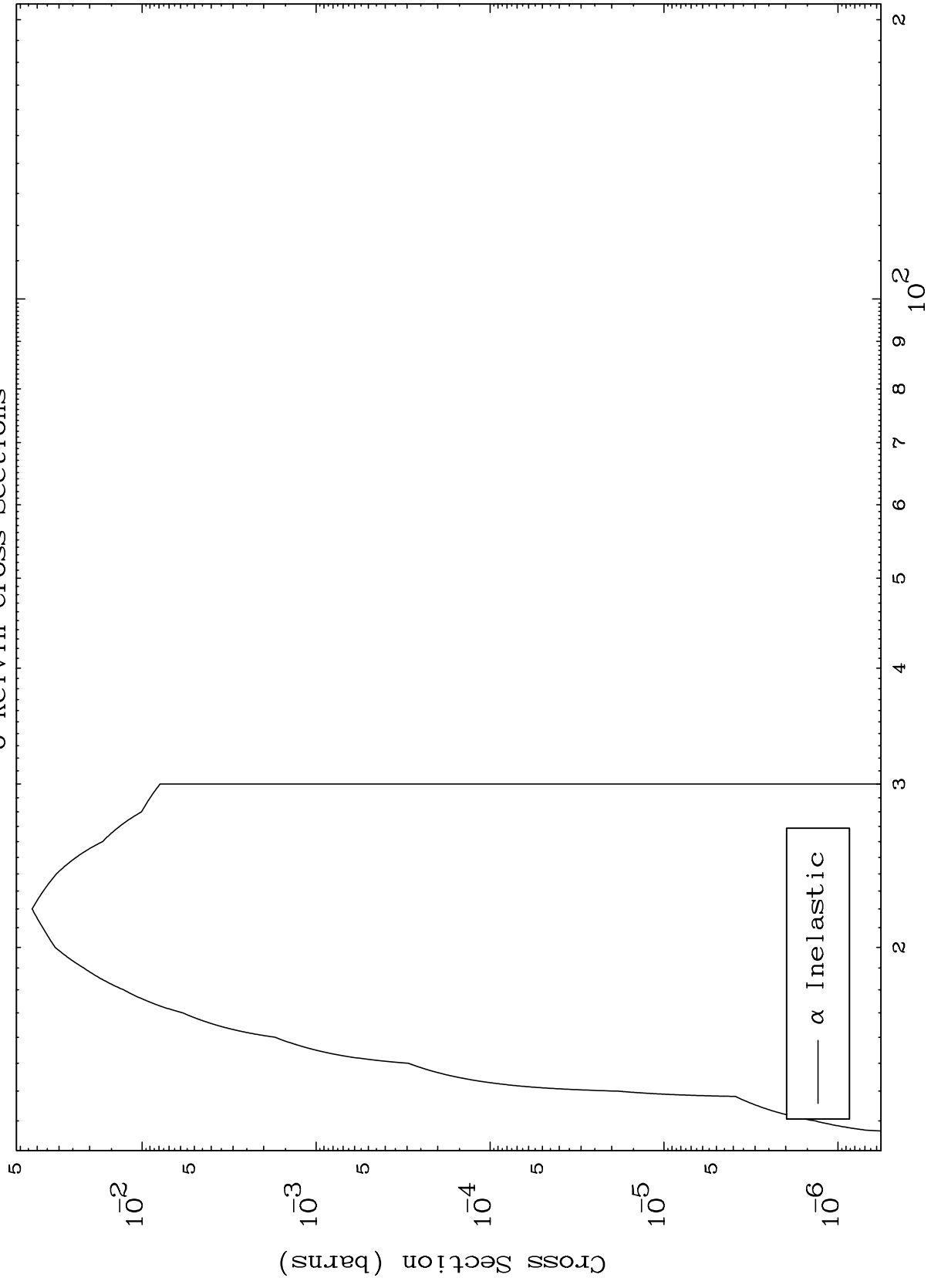




MAT 6292

(α, n') Level
0 Kelvin Cross Sections

63-Eu-140



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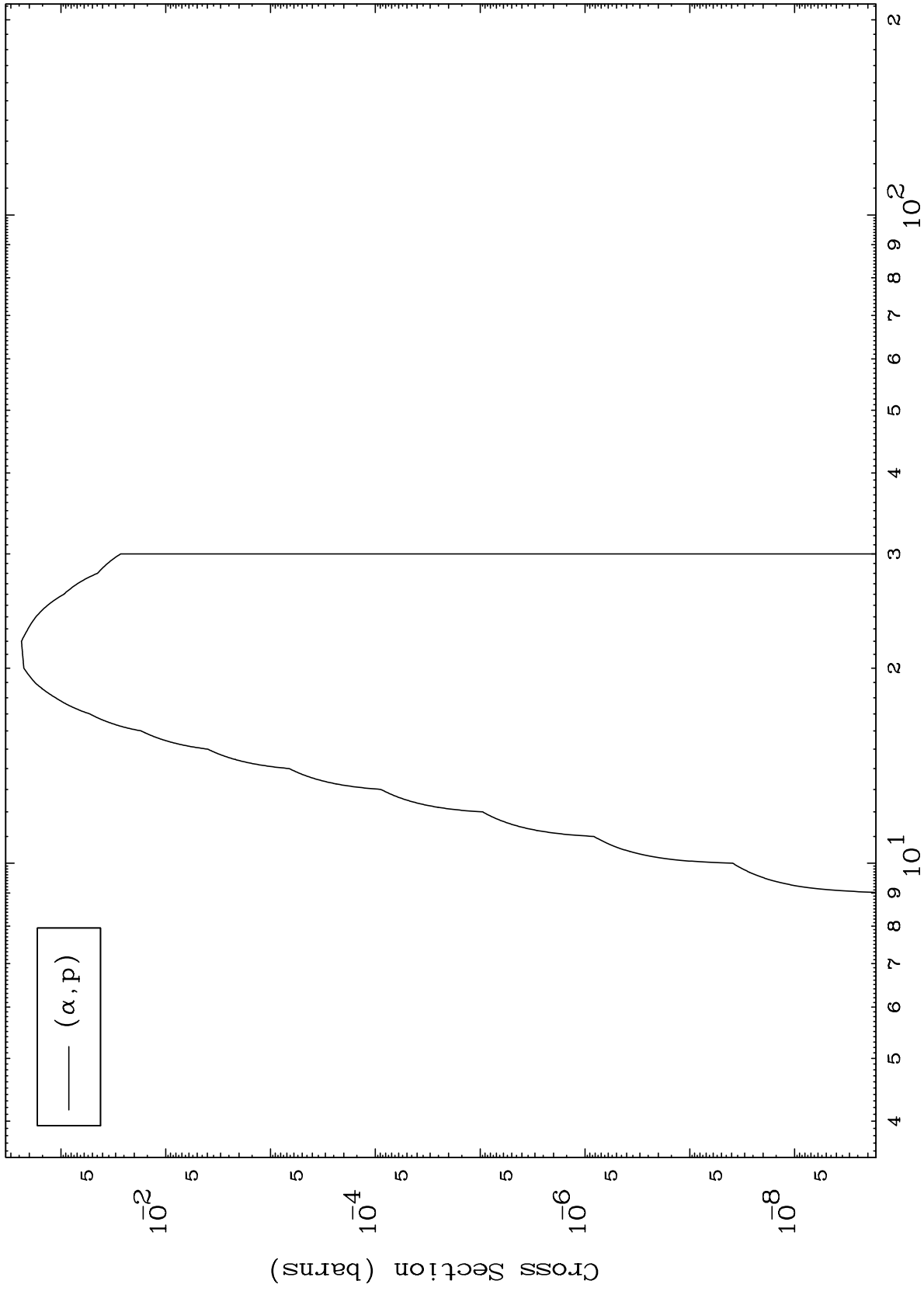
Incident Energy (MeV)

63-Eu-140

MAT 6292

(α, p) Levels
0 Kelvin Cross Sections

63-Eu-140



6

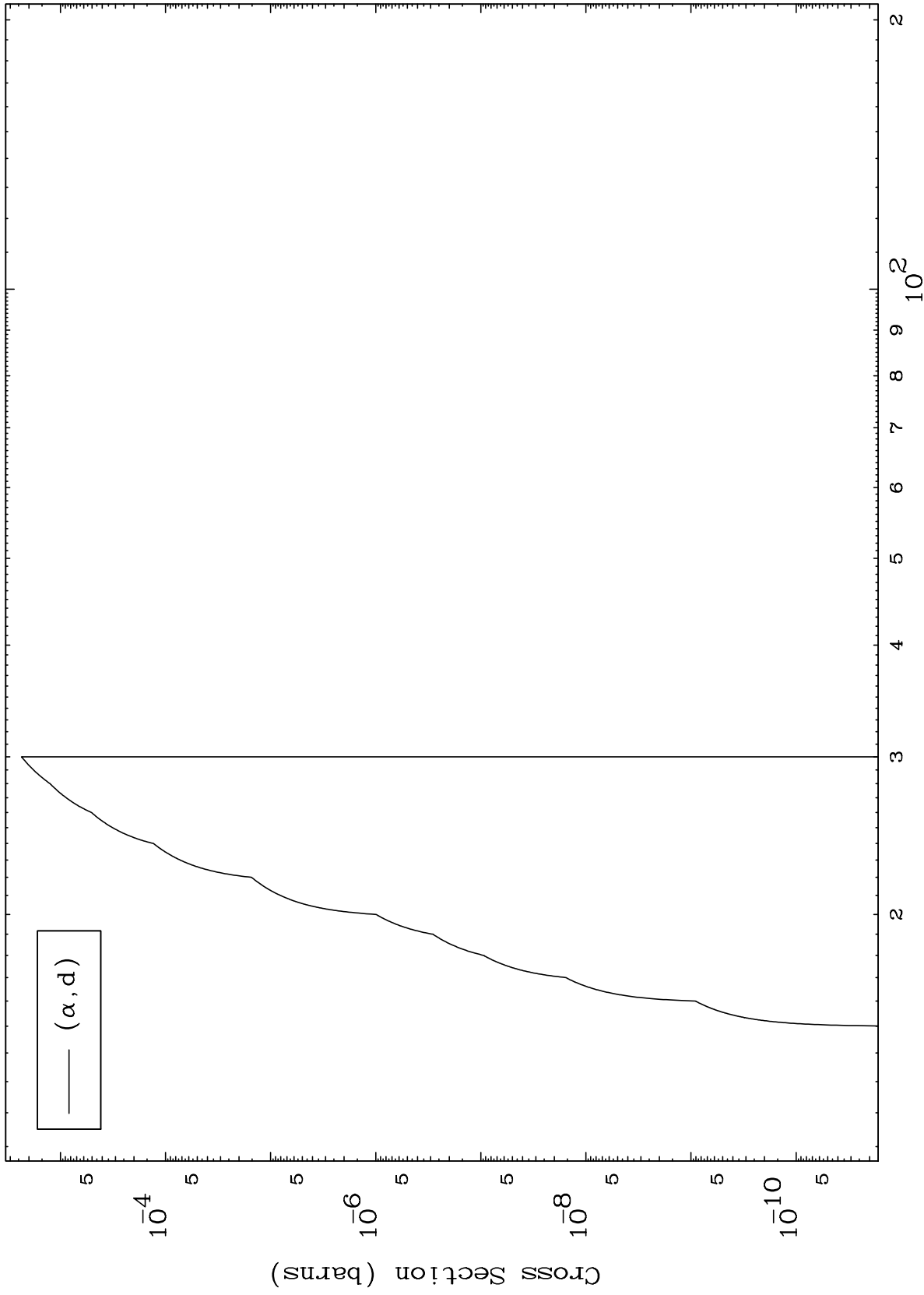
Incident Energy (MeV)

63-Eu-140

MAT 6292

(α, d) Levels
0 Kelvin Cross Sections

63-Eu-140



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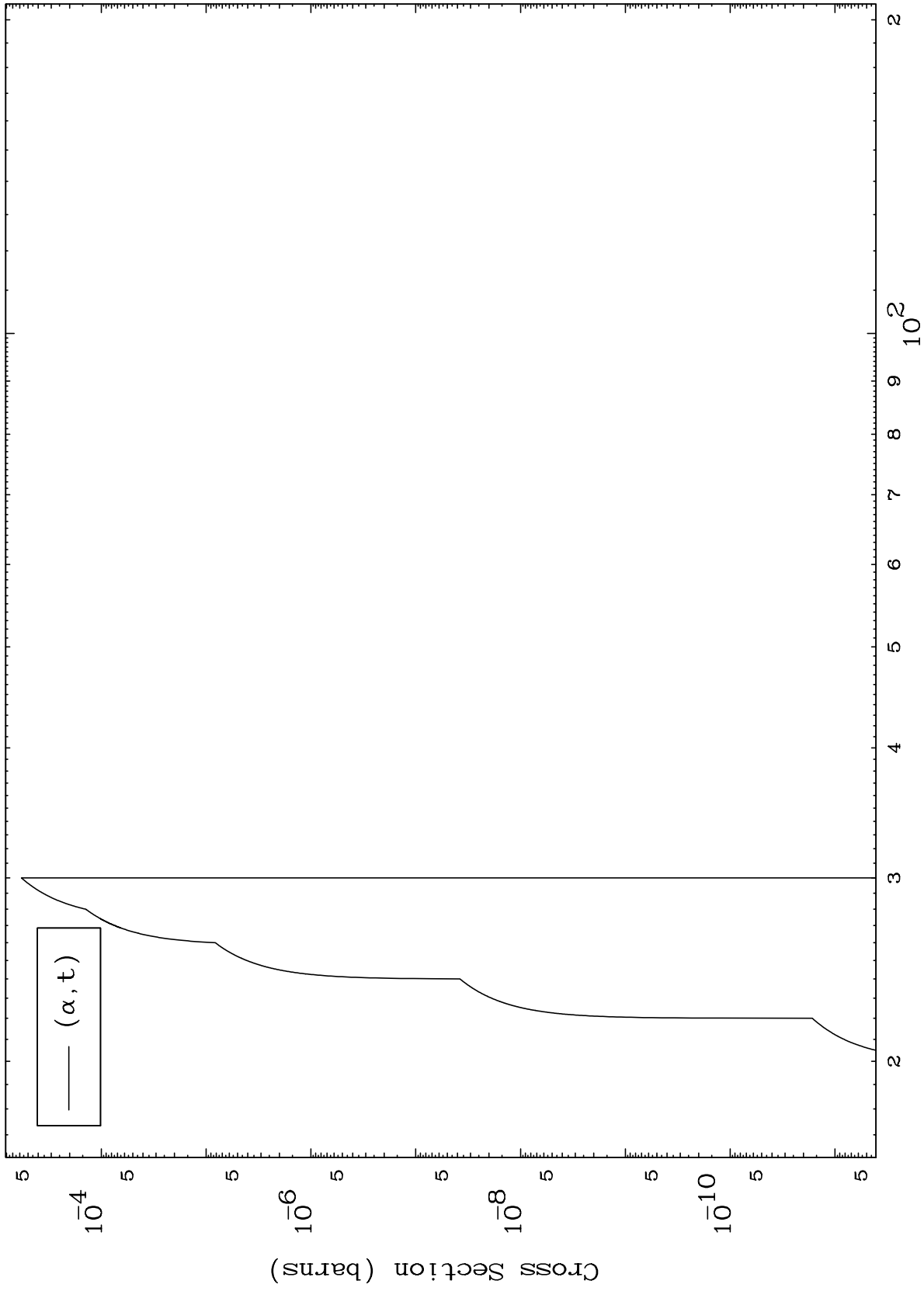
Incident Energy (MeV)

63-Eu-140

MAT 6292

(α, t) Levels
0 Kelvin Cross Sections

63-Eu-140



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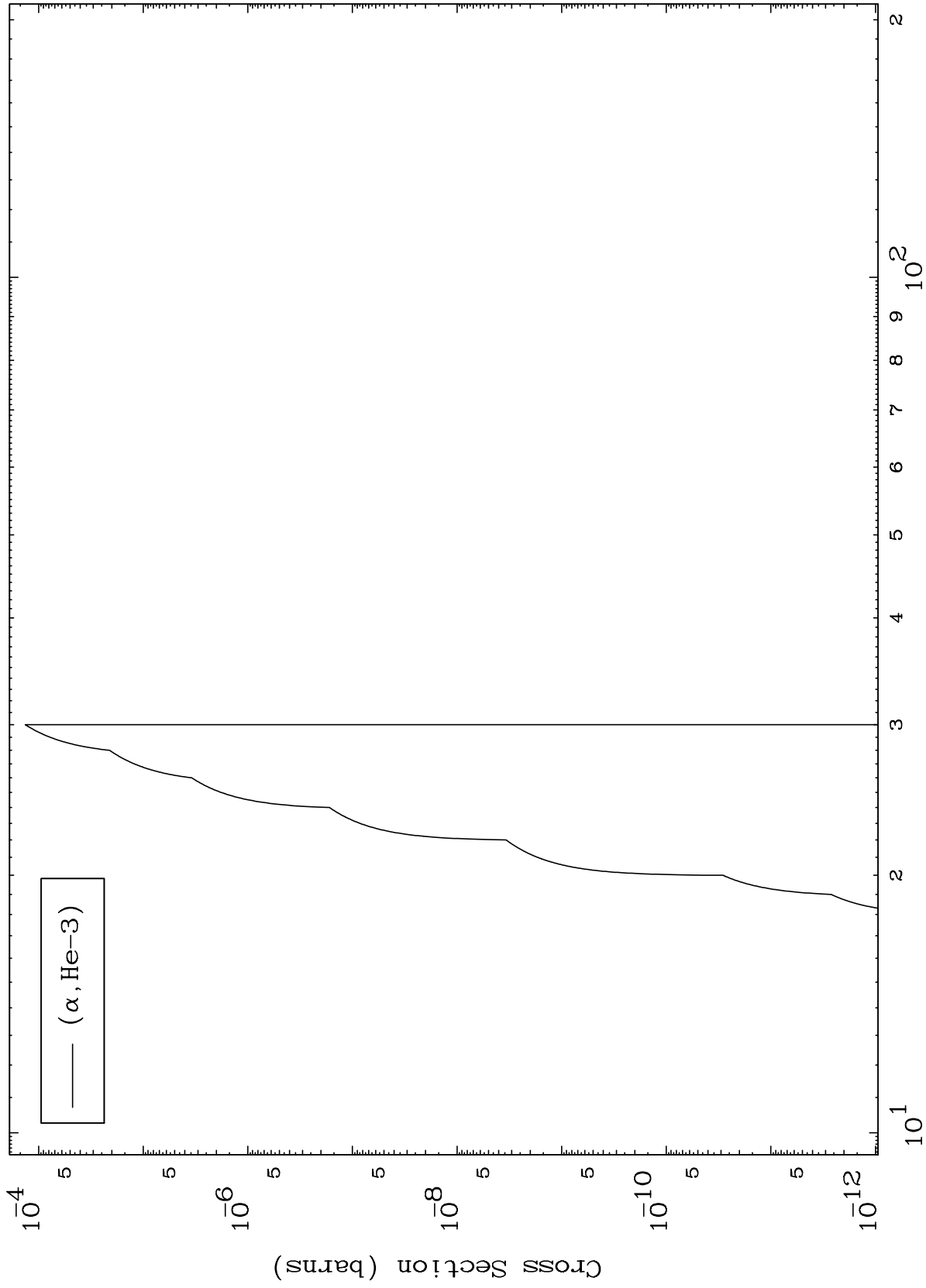
Incident Energy (MeV)

63-Eu-140

MAT 6292

(α ,He3) Levels
0 Kelvin Cross Sections

63-Eu-140



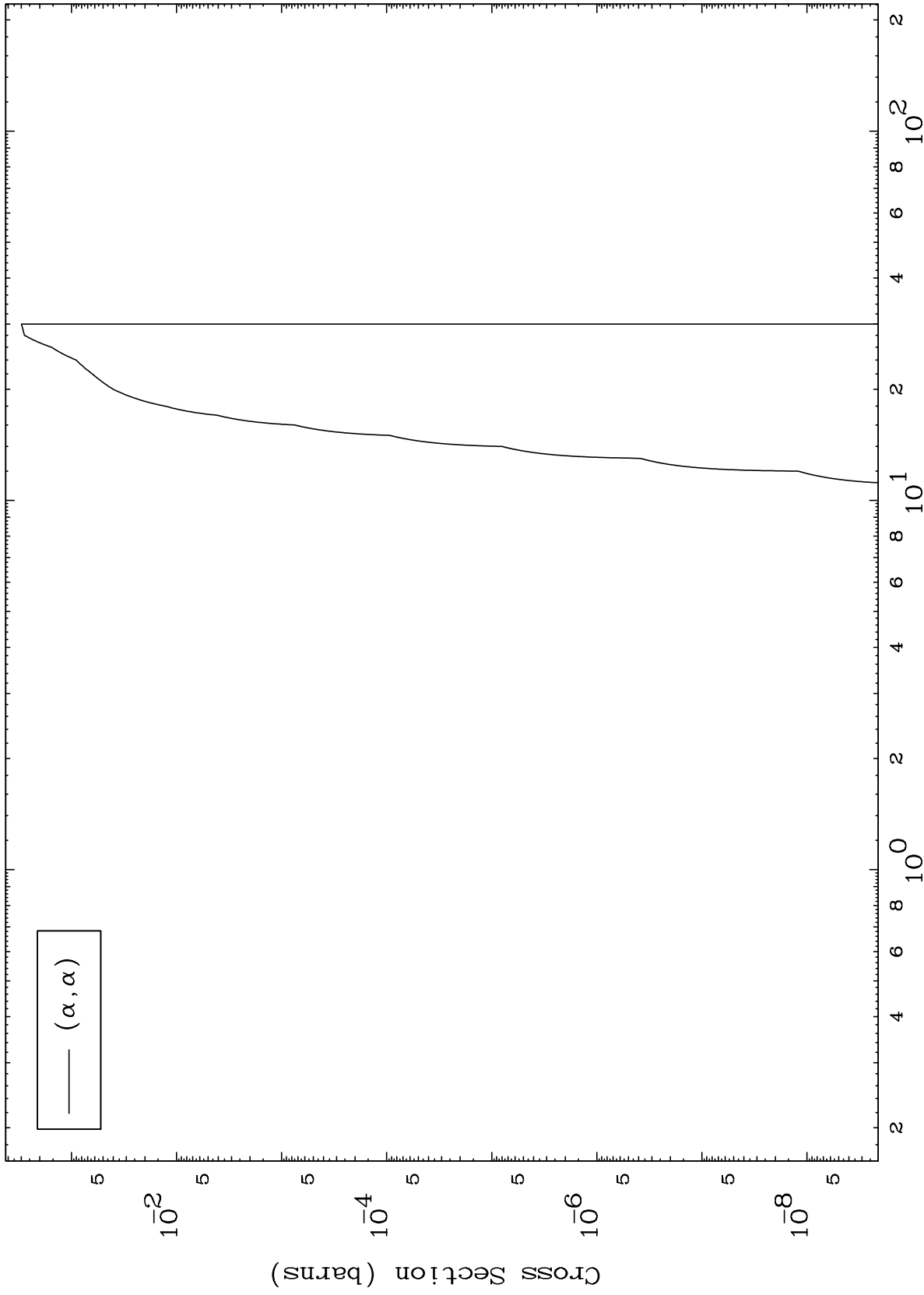
Incident Energy (MeV)

63-Eu-140

MAT 6292

(α, α) Levels
0 Kelvin Cross Sections

63-Eu-140



10

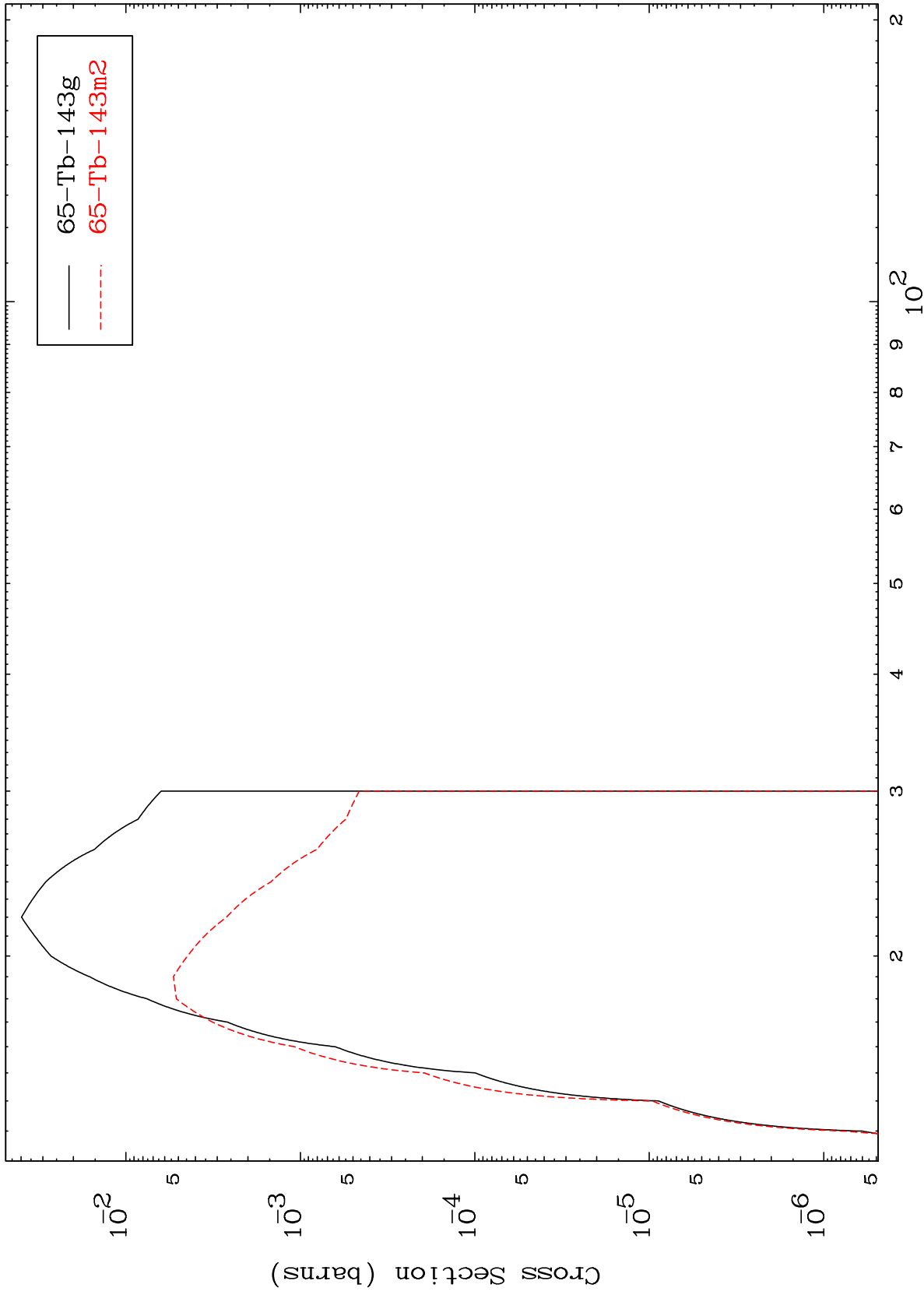
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

α Inelastic
Radionuclide Production Cross Section



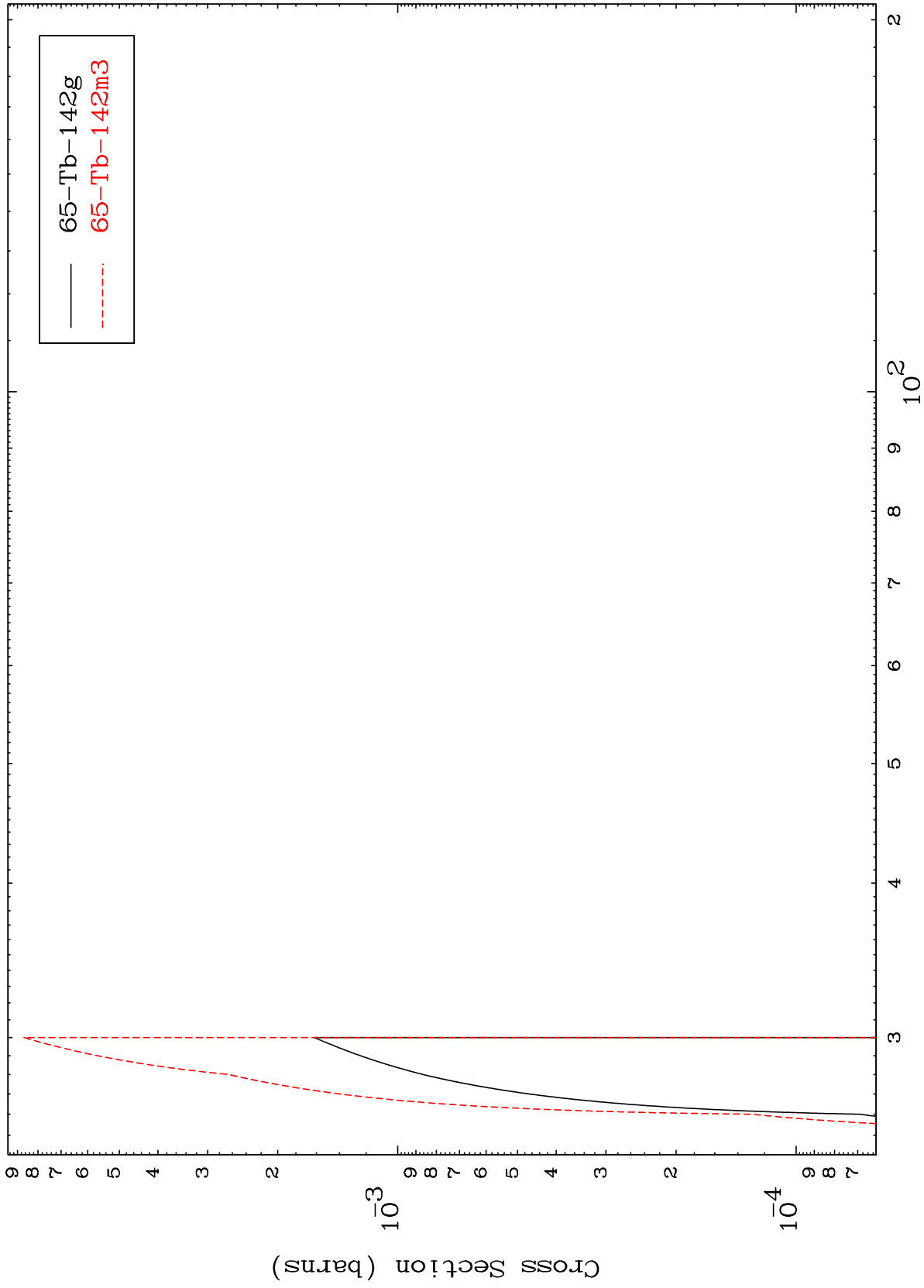
11

63-Eu-140

MAT 6292

63-Eu-140

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



12

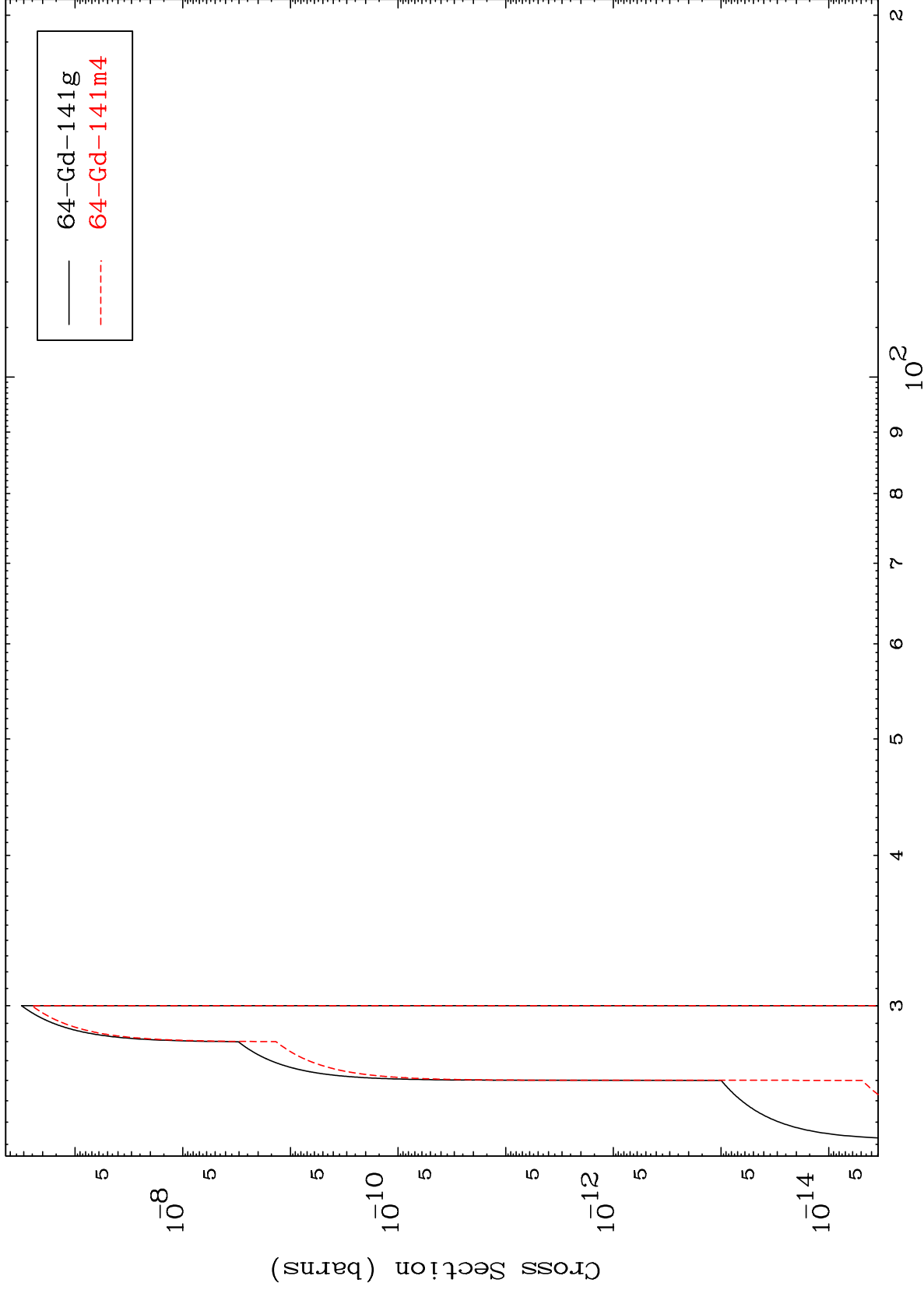
63-Eu-140

MAT 6292

(α, n') d

63-Eu-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

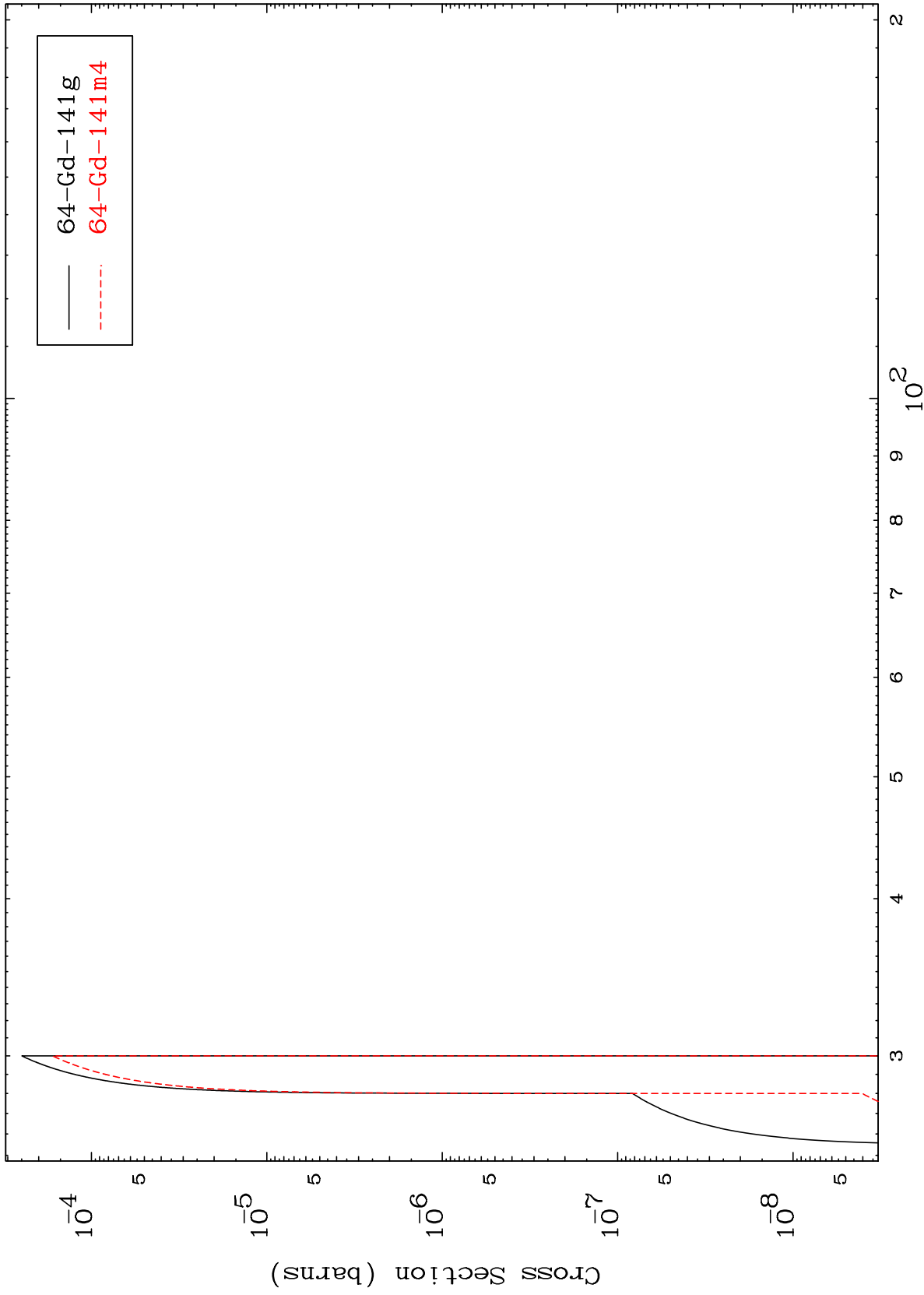
63-Eu-140

MAT 6292

$(\alpha, 2n)$ p

63-Eu-140

Radionuclide Production Cross Section



64-Gd-141g
64-Gd-141m4

14

Incident Energy (MeV)

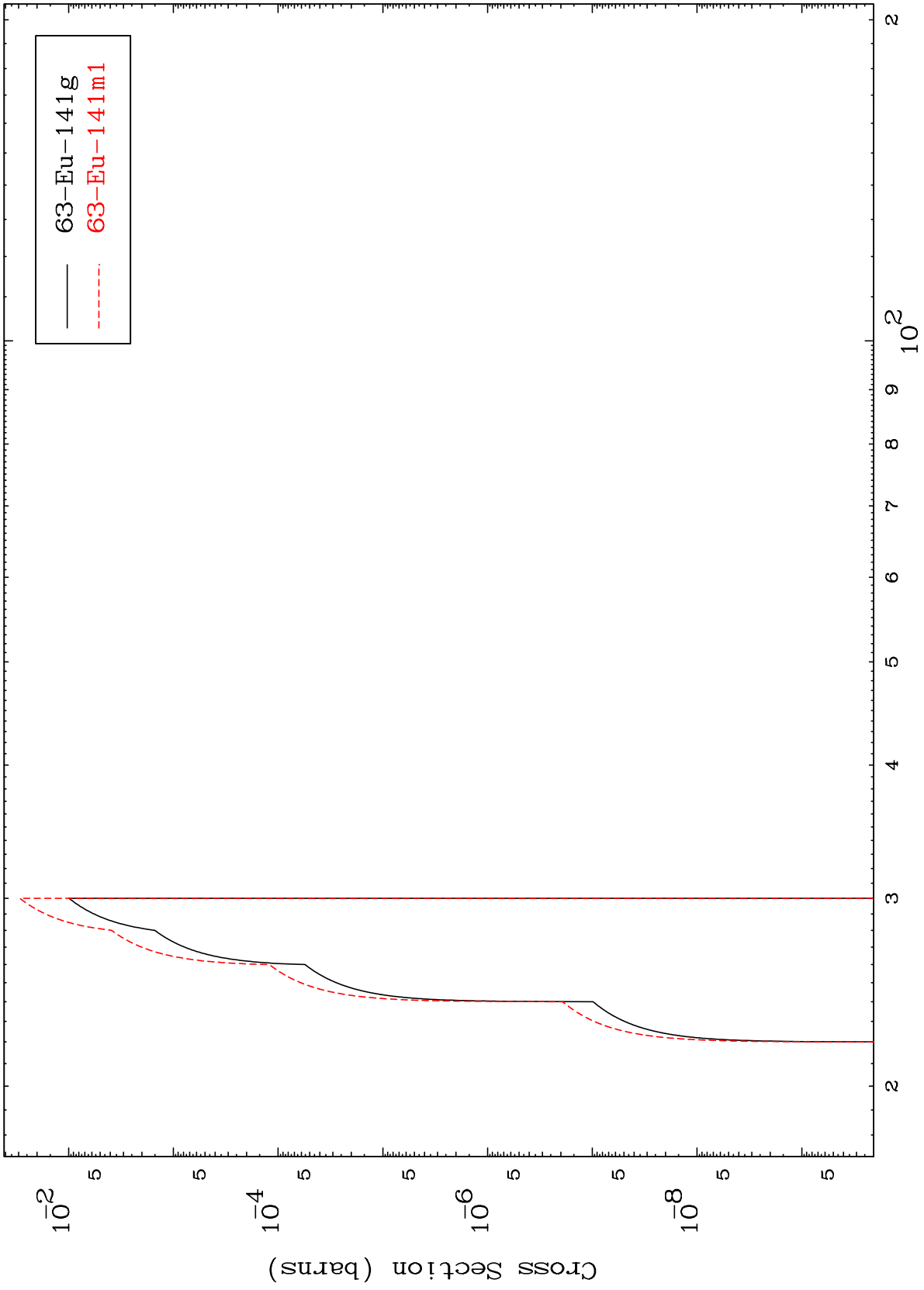
63-Eu-140

MAT 6292

($\alpha, 2n$) p

$^{63}\text{Eu}-140$

Radionuclide Production Cross Section



15

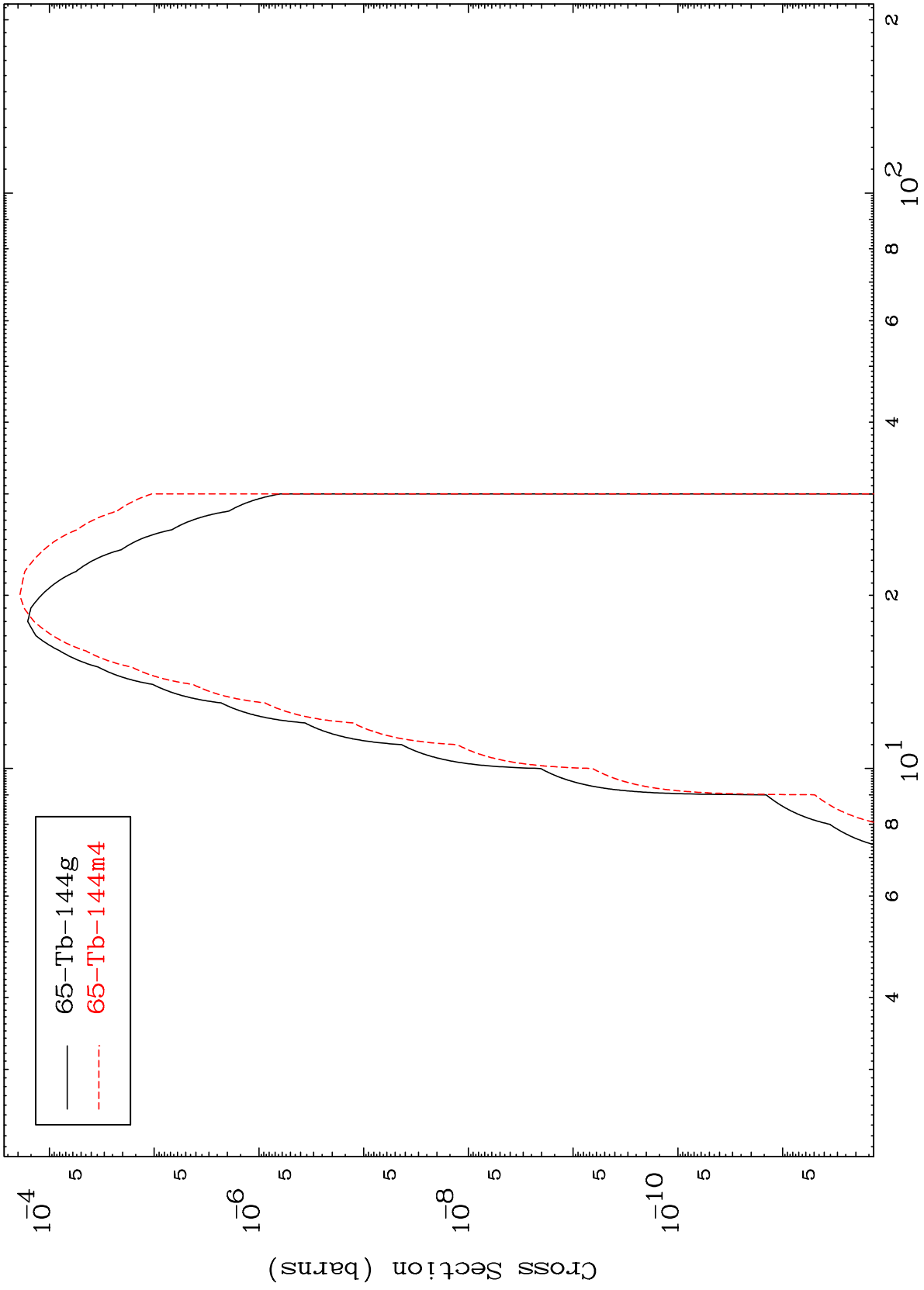
Incident Energy (MeV)

$^{63}\text{Eu}-140$

MAT 6292

63-Eu-140

(α, γ)
Radionuclide Production Cross Section



16

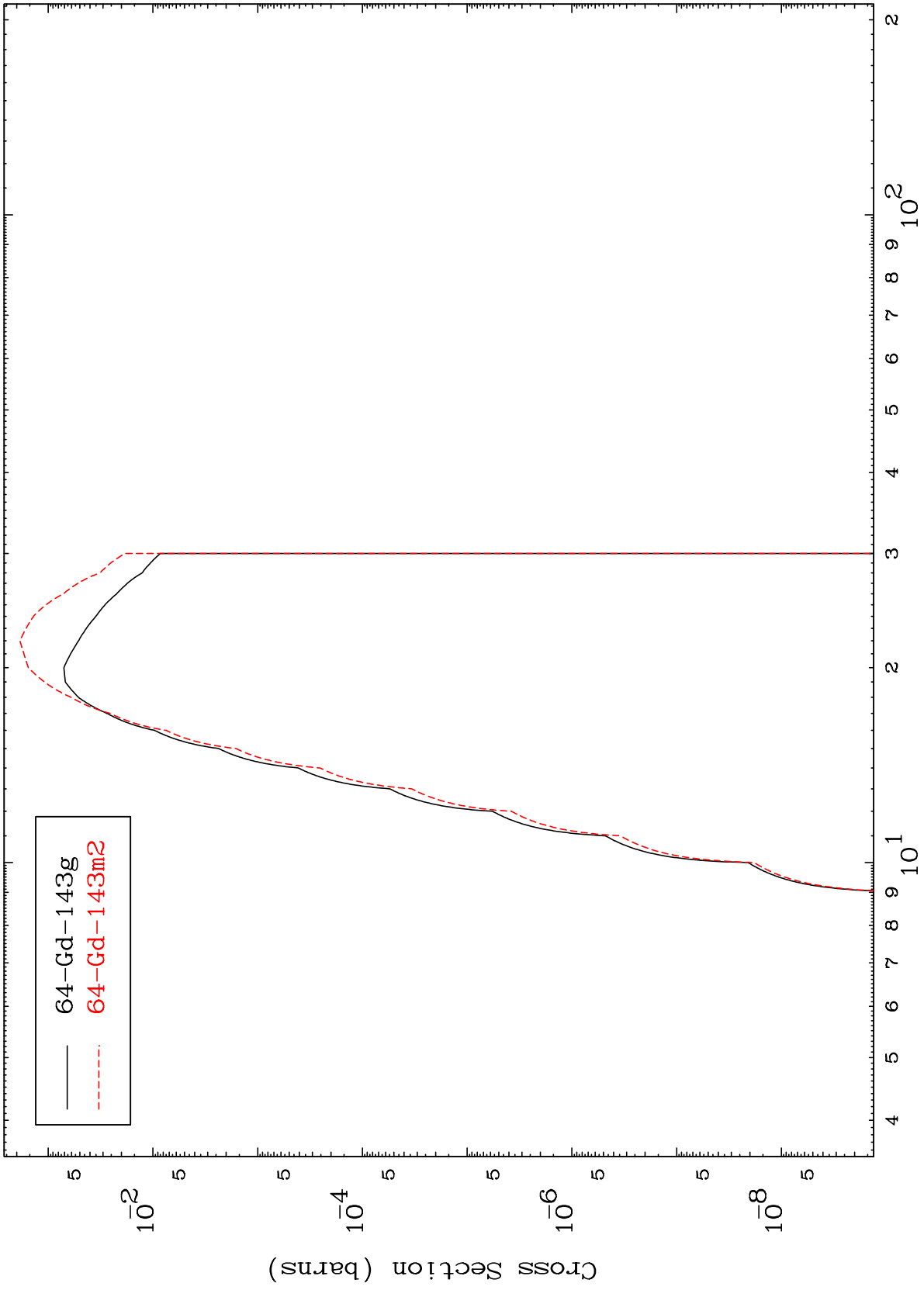
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(α, p)
Radionuclide Production Cross Section



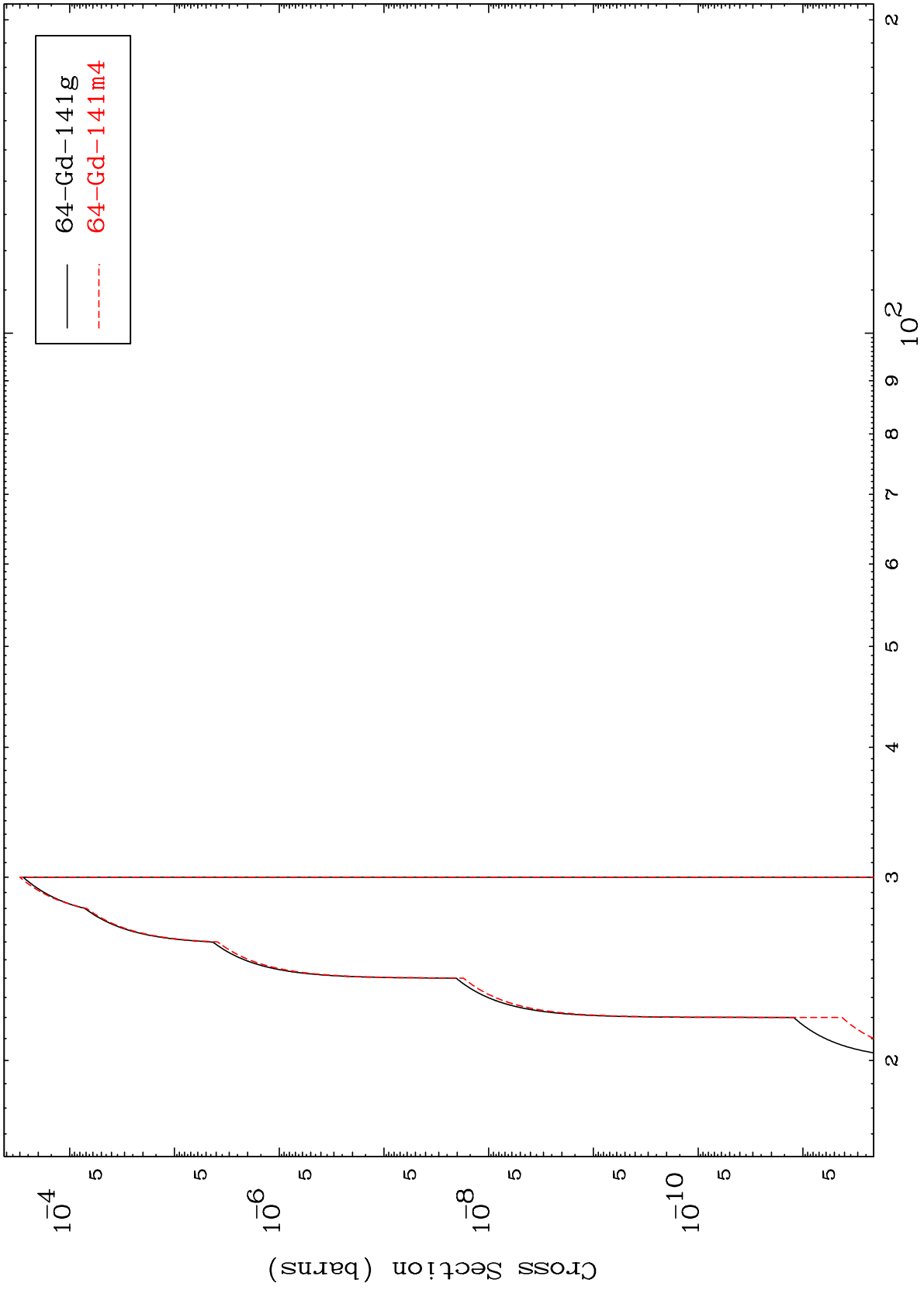
17

63-Eu-140

MAT 6292

63-Eu-140

(α, t)
Radionuclide Production Cross Section



18

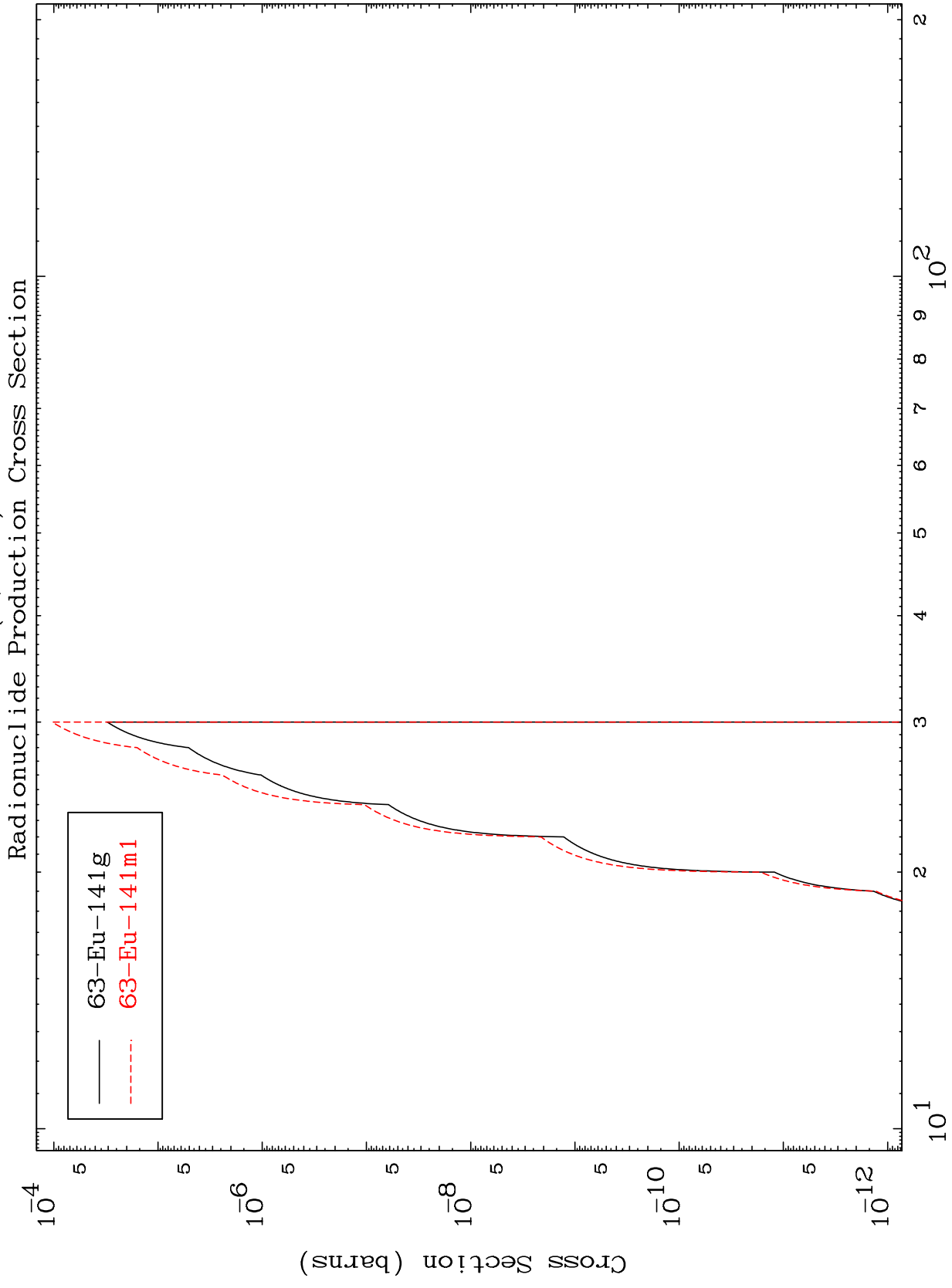
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140



19

Incident Energy (MeV)

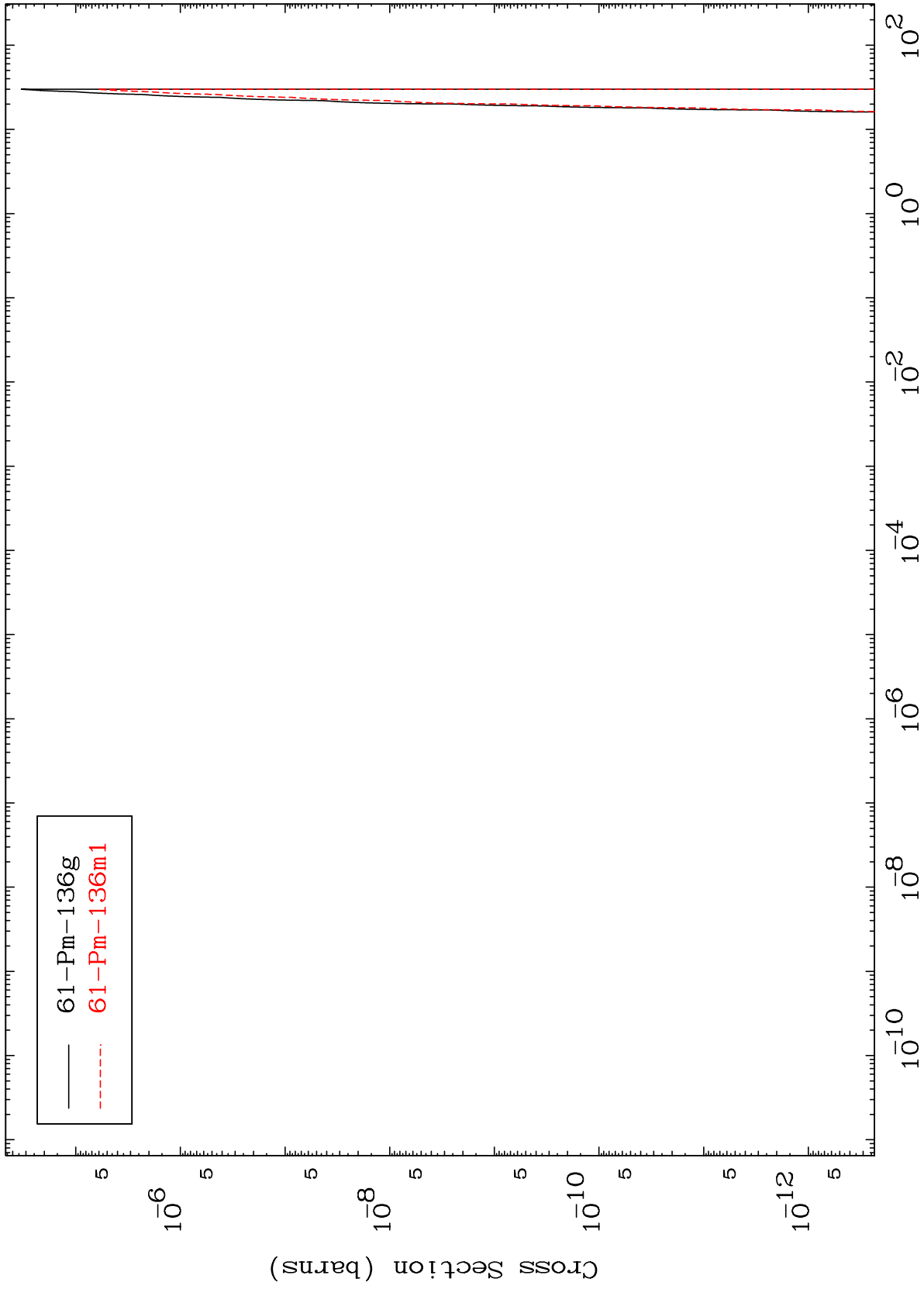
63-Eu-140

MAT 6292

($\alpha, 2\alpha$)

63-Eu-140

Radionuclide Production Cross Section



20

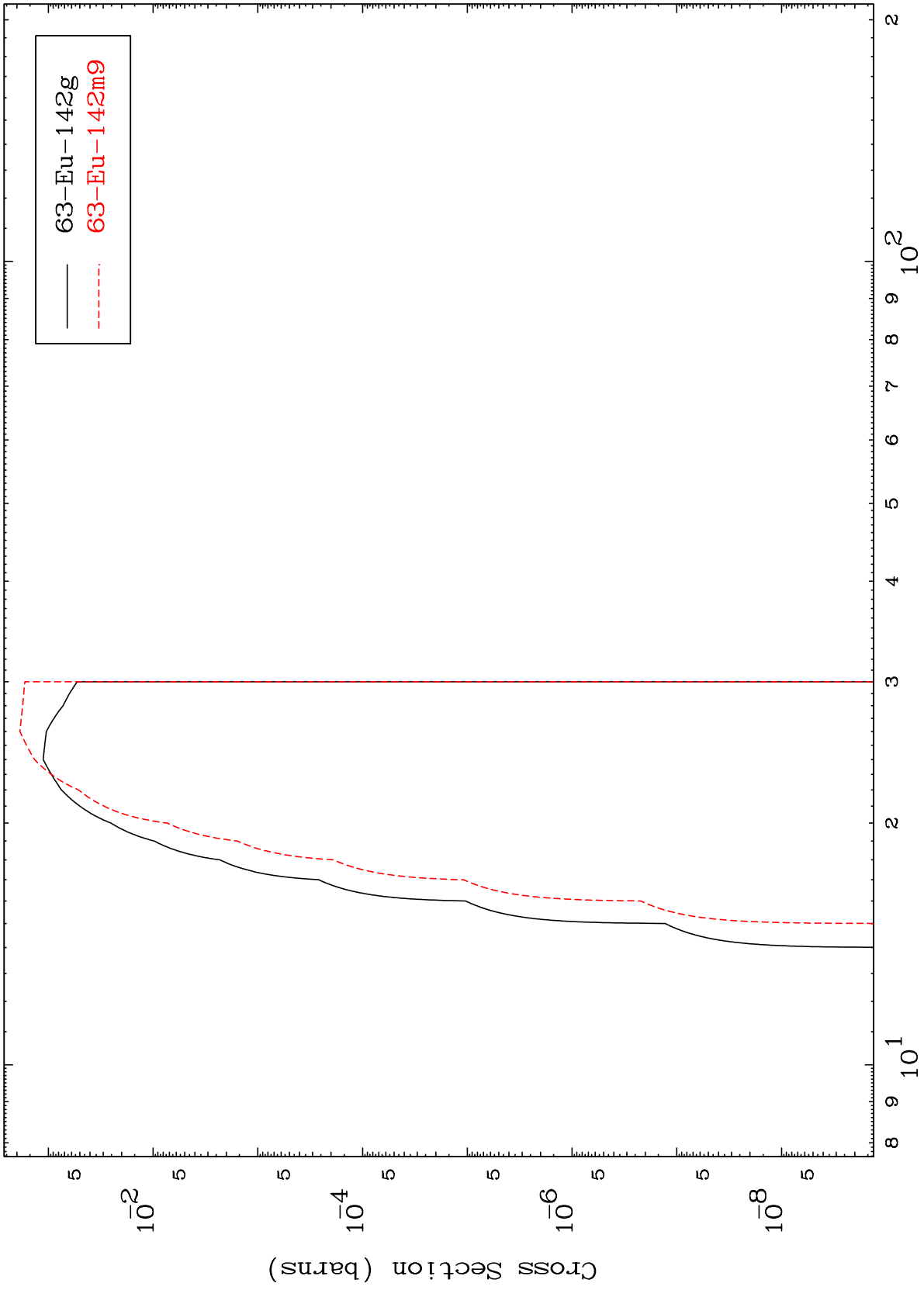
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

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



21

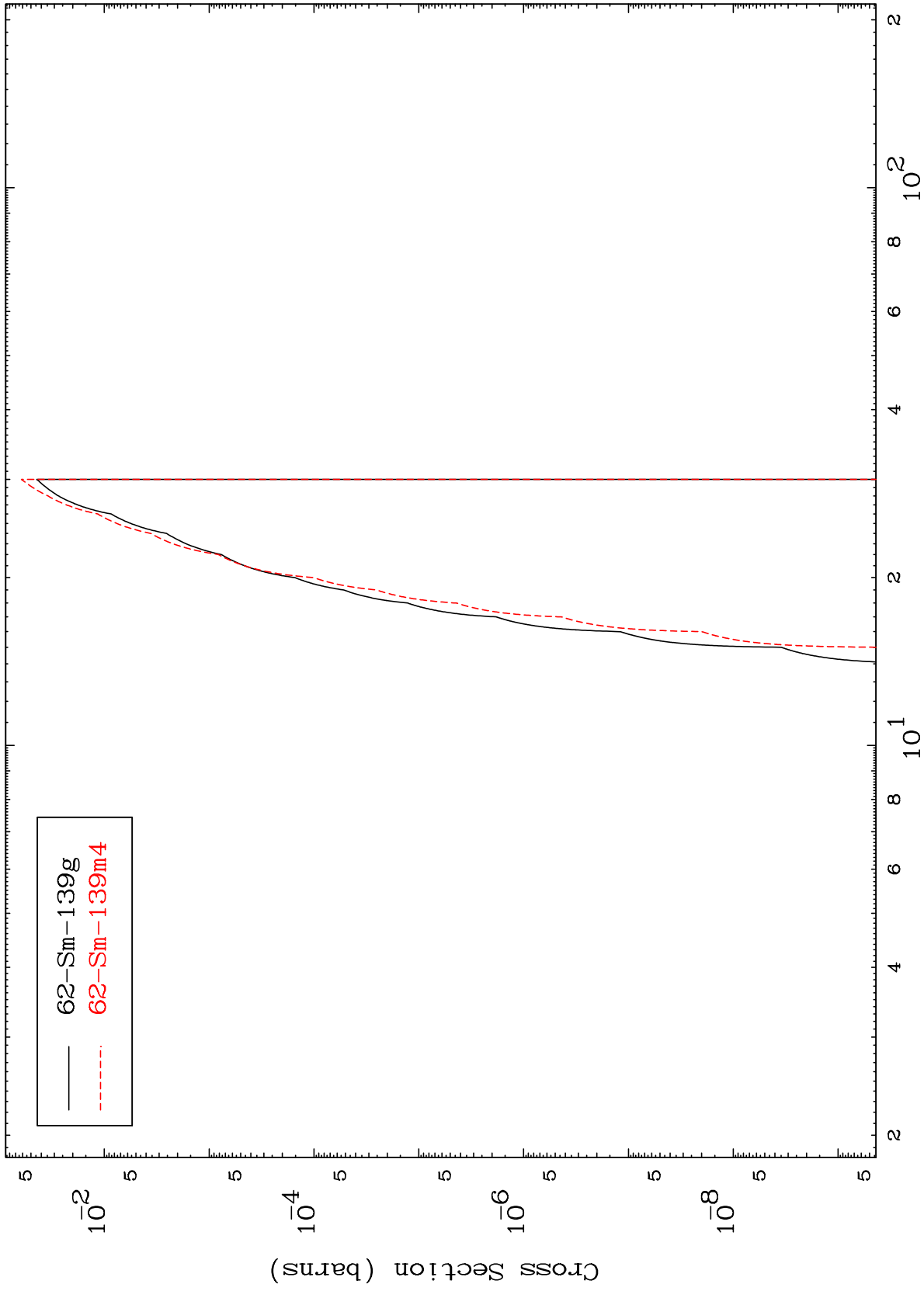
63-Eu-140

MAT 6292

(α, p) α

63-Eu-140

Radionuclide Production Cross Section

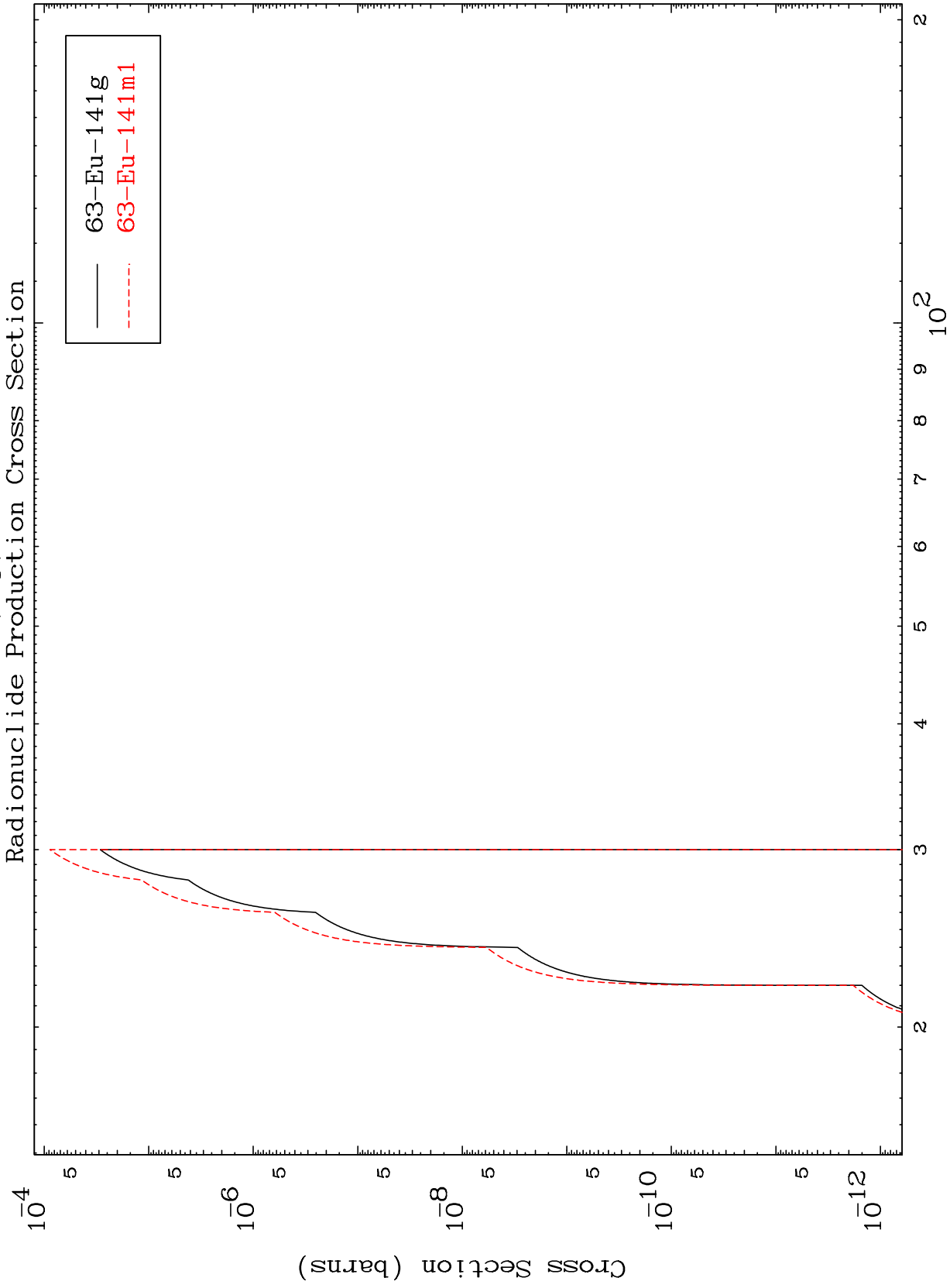


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MAT 6292

(α, p) d

63-Eu-140



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63-Eu-140

63-Eu-140