

Program EVALPLOT
(Version 2018-1)

by

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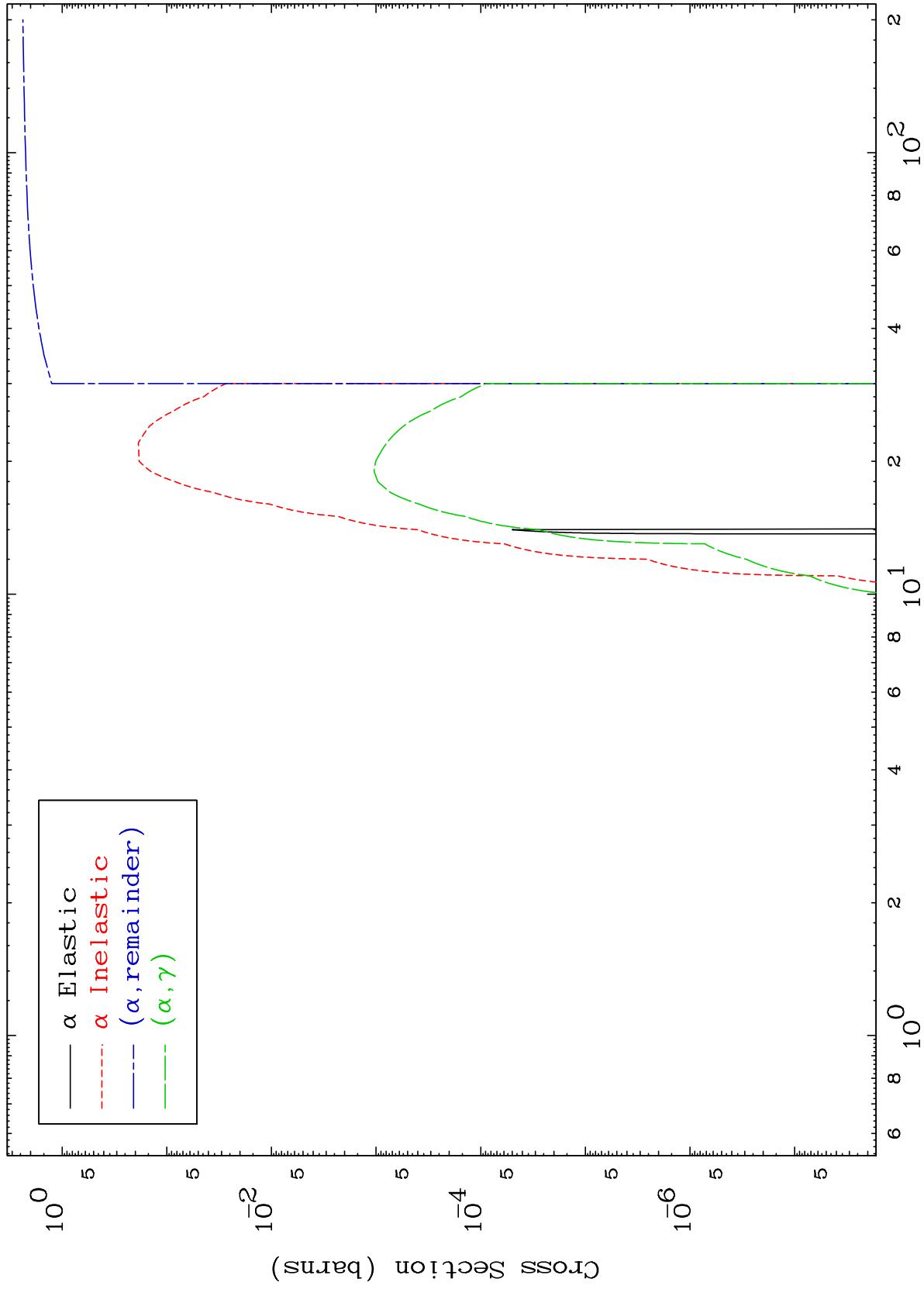
Press Mouse Button to Start

MAT 6299

α Major

63-Eu-142

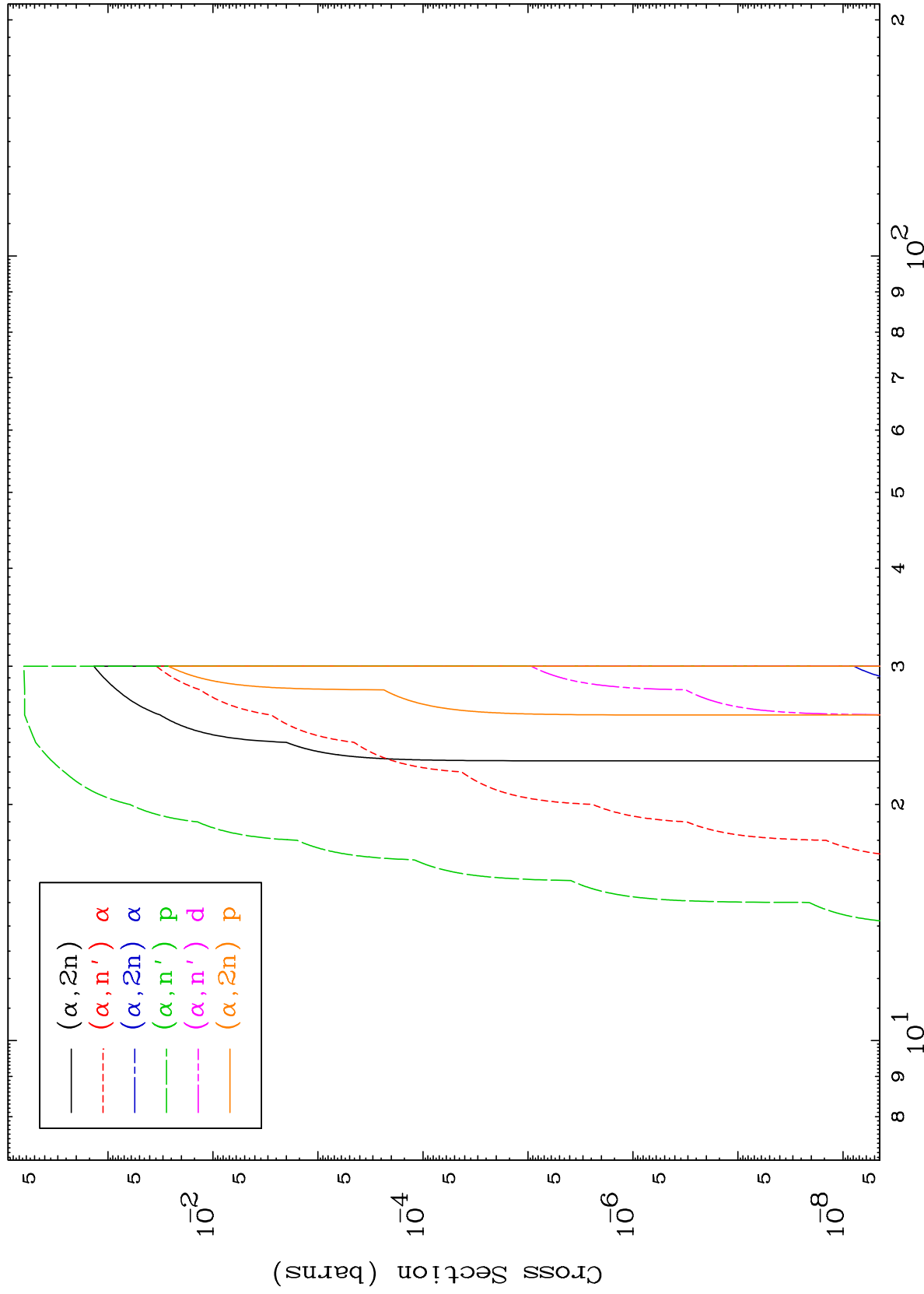
0 Kelvin Cross Sections

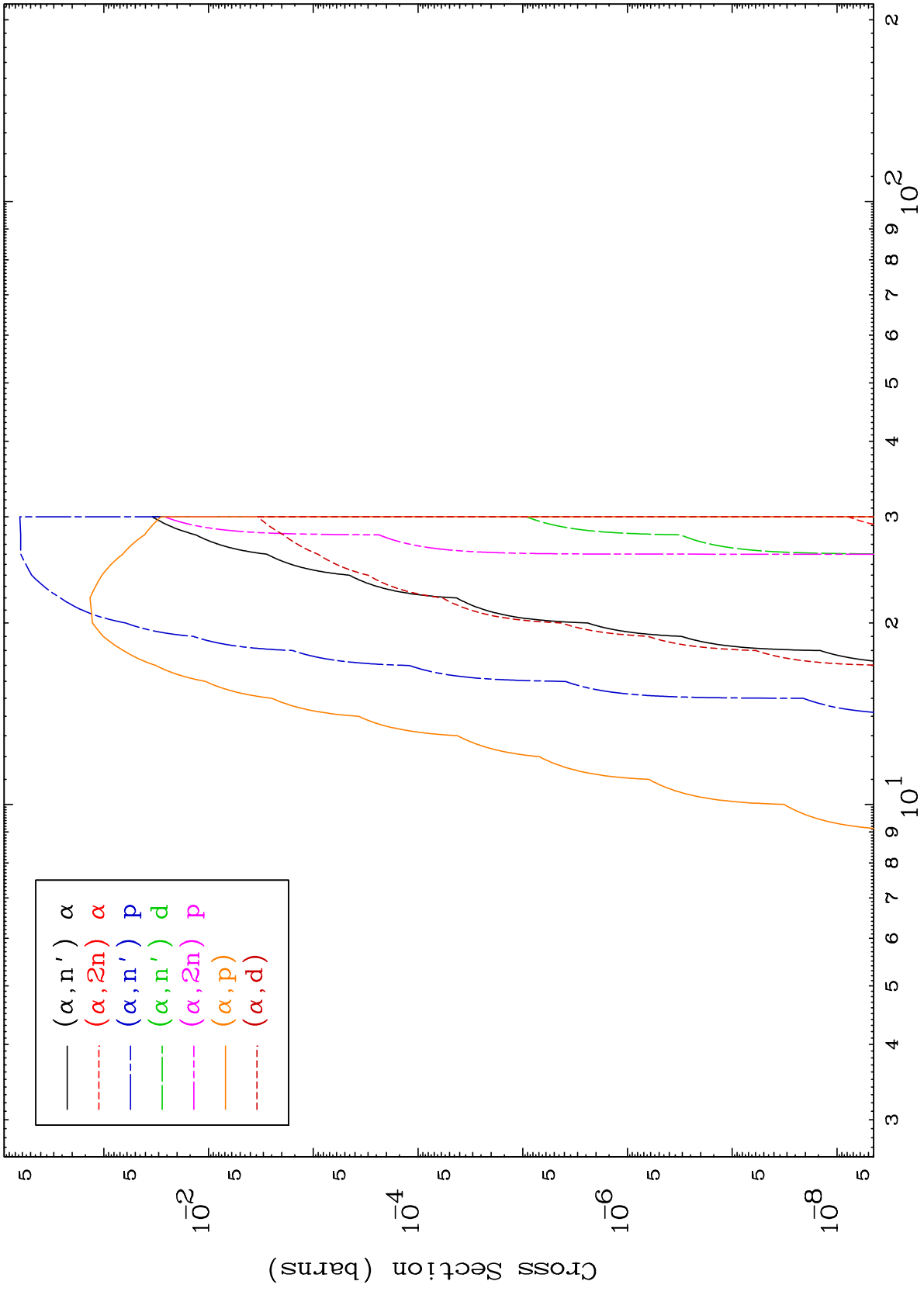


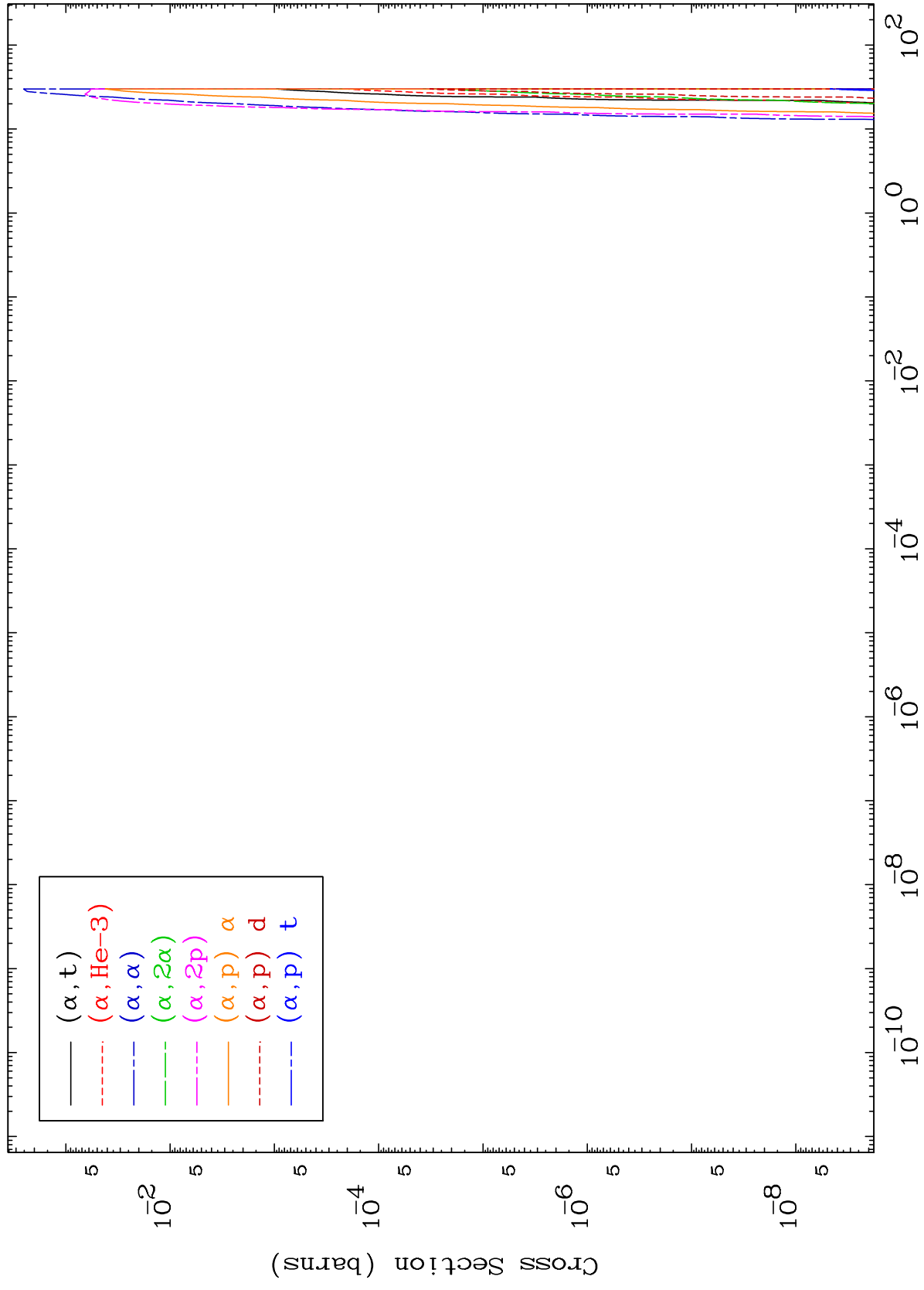
1

Incident Energy (MeV)

63-Eu-142



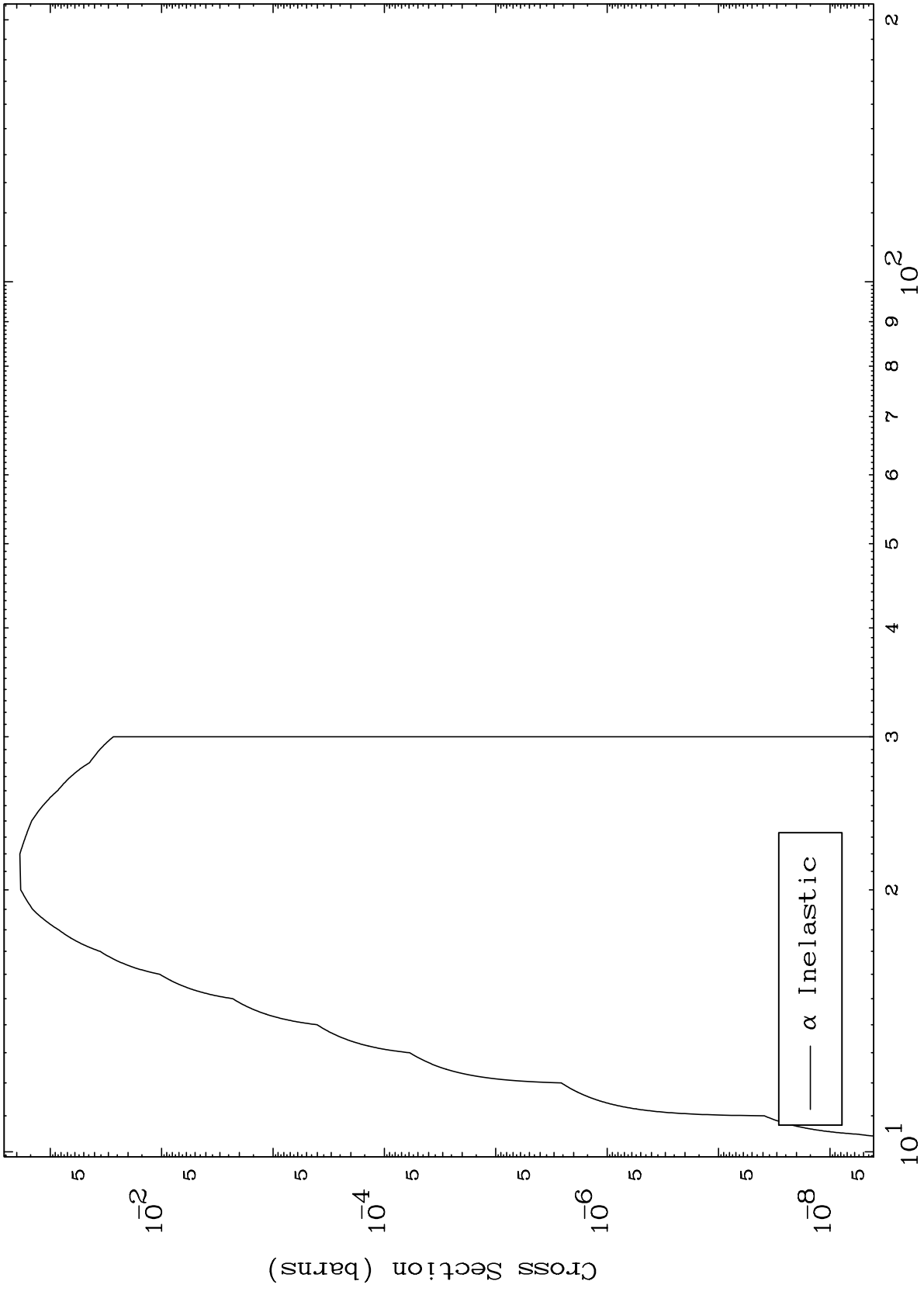




MAT 6299

(α, n') Level
0 Kelvin Cross Sections

63-Eu-142



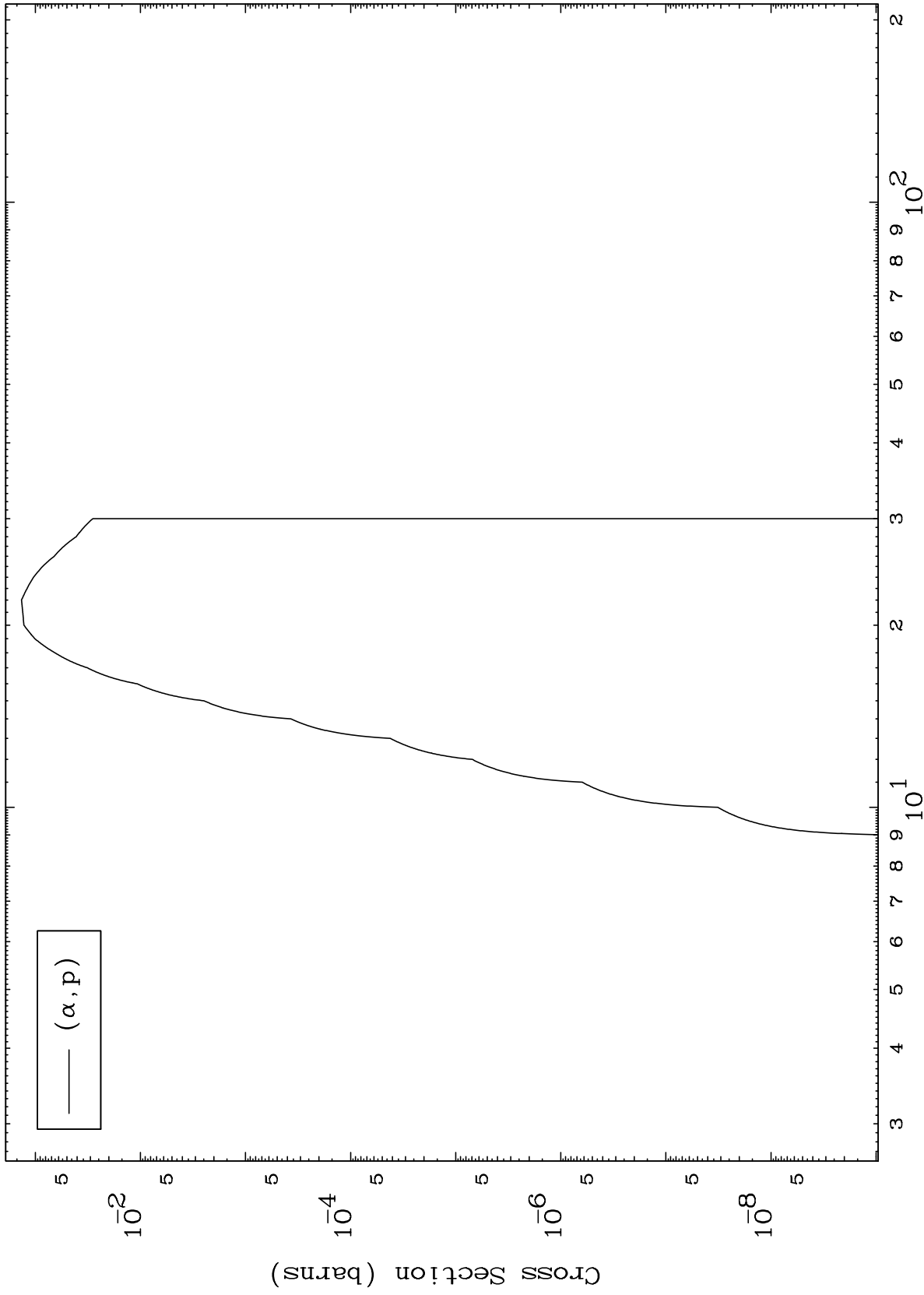
Incident Energy (MeV)

63-Eu-142

MAT 6299

(α, p) Levels
0 Kelvin Cross Sections

63-Eu-142



6

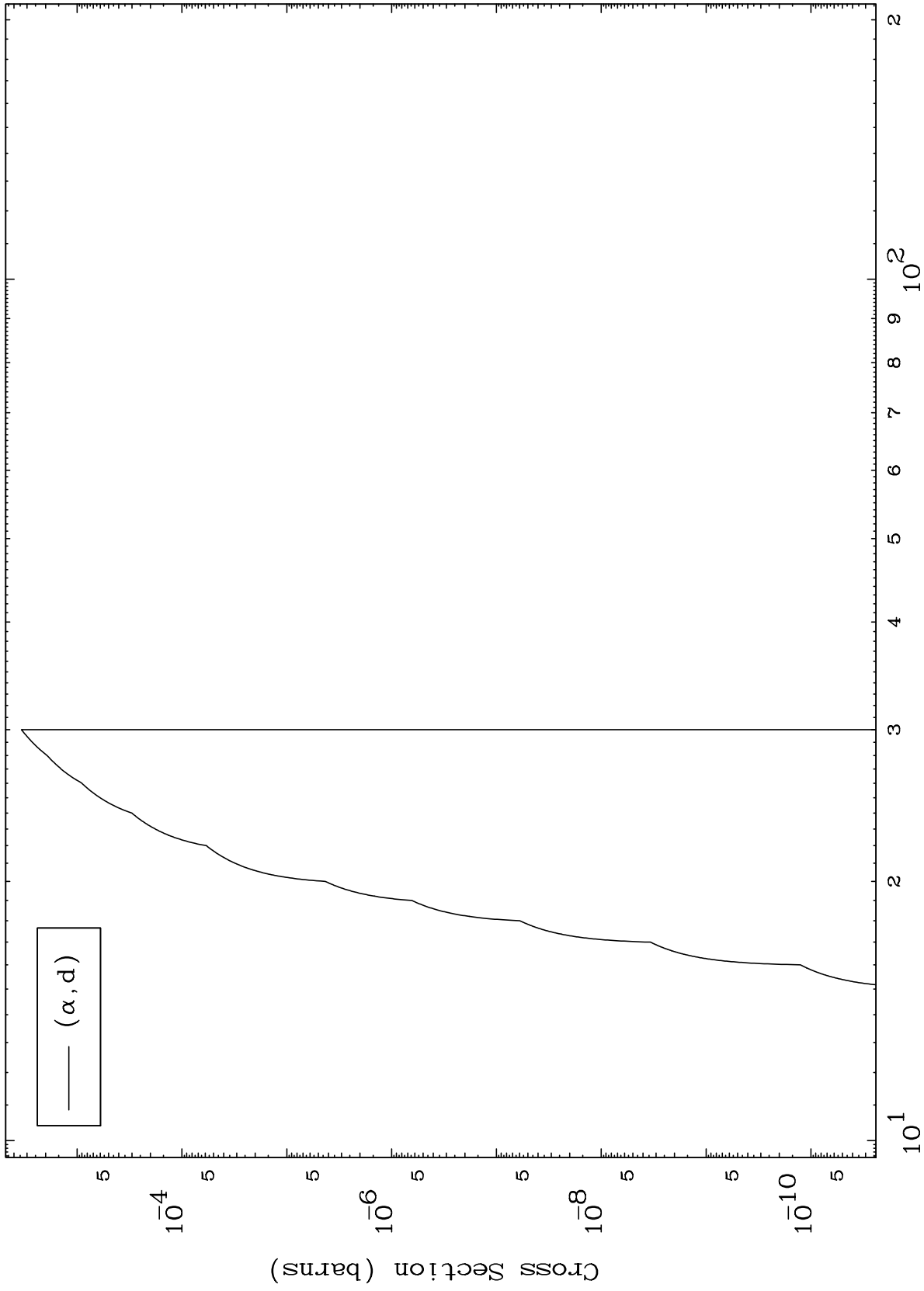
Incident Energy (MeV)

63-Eu-142

MAT 6299

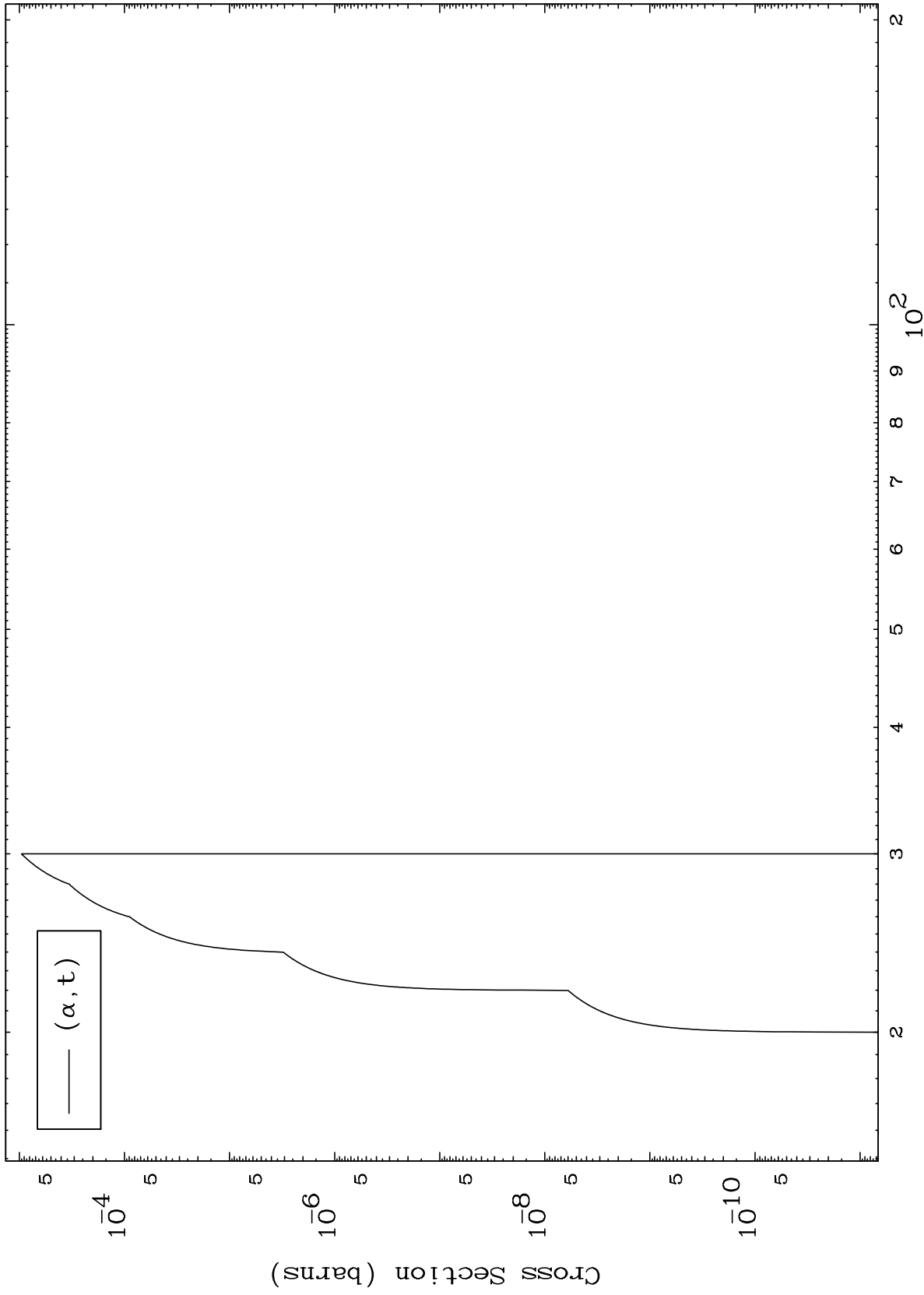
(α, d) Levels
0 Kelvin Cross Sections

63-Eu-142



Incident Energy (MeV)

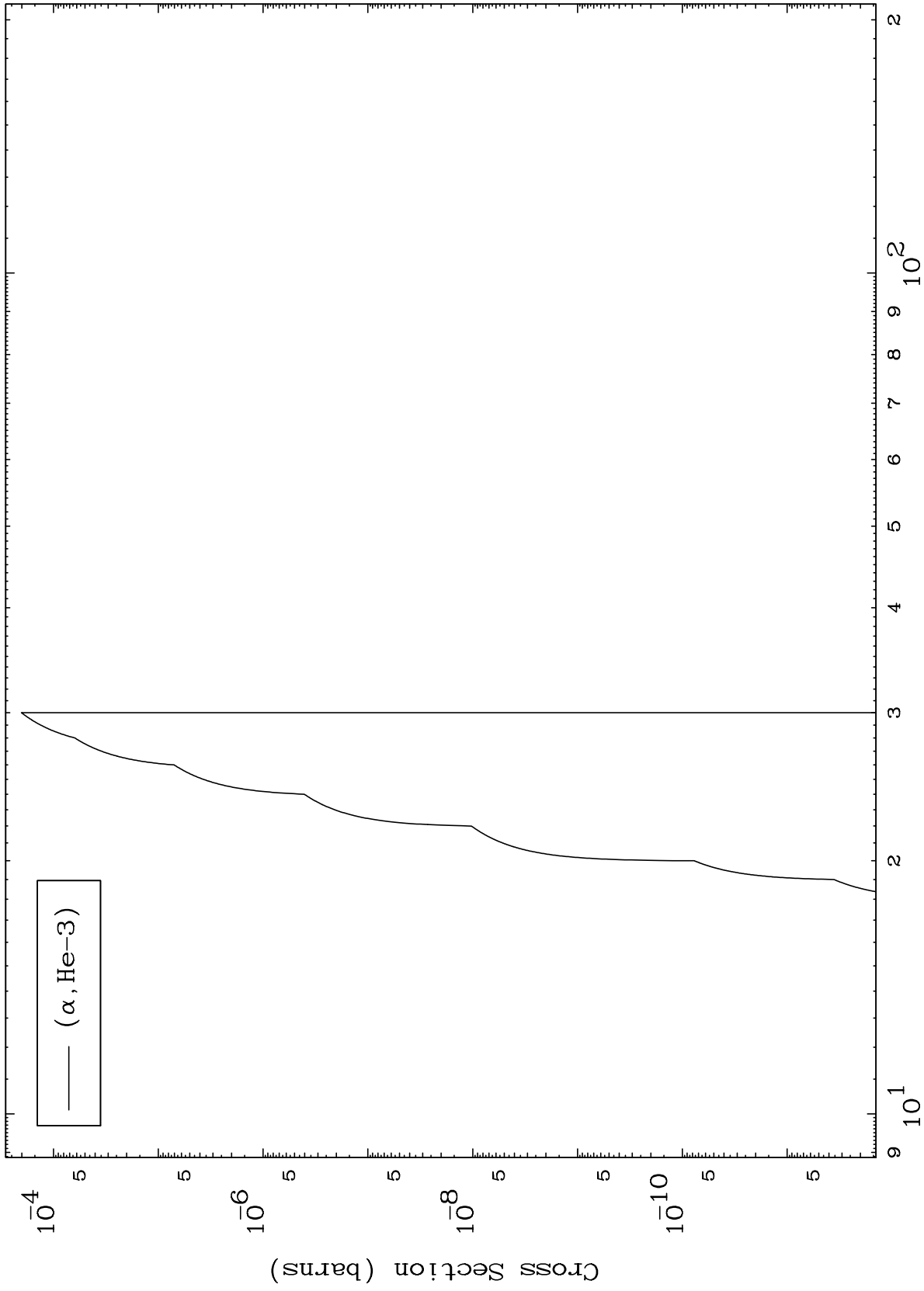
63-Eu-142



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(α ,He3) Levels
0 Kelvin Cross Sections

63-Eu-142



9

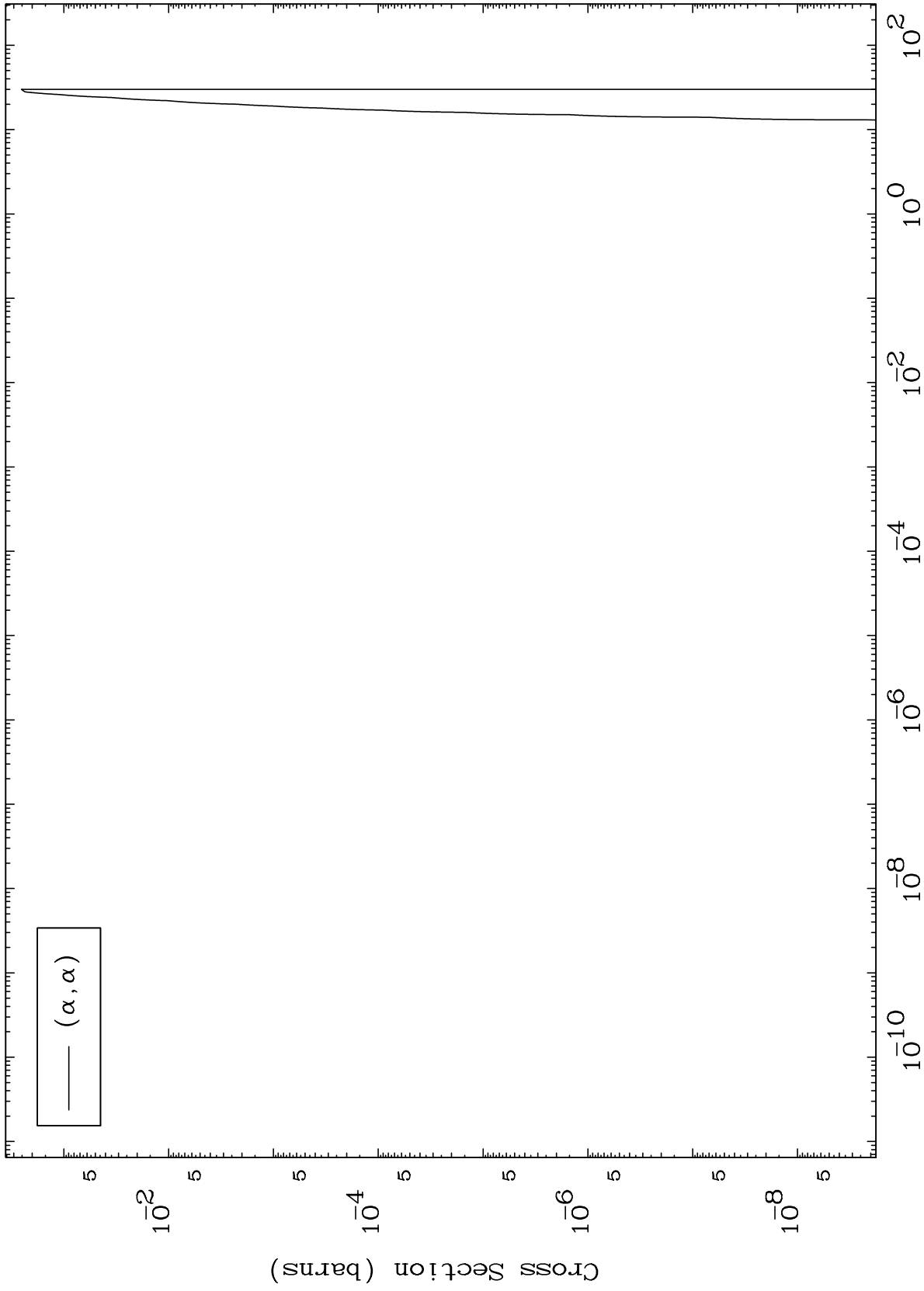
Incident Energy (MeV)

63-Eu-142

MAT 6299

(α, α) Levels
0 Kelvin Cross Sections

63-Eu-142



10

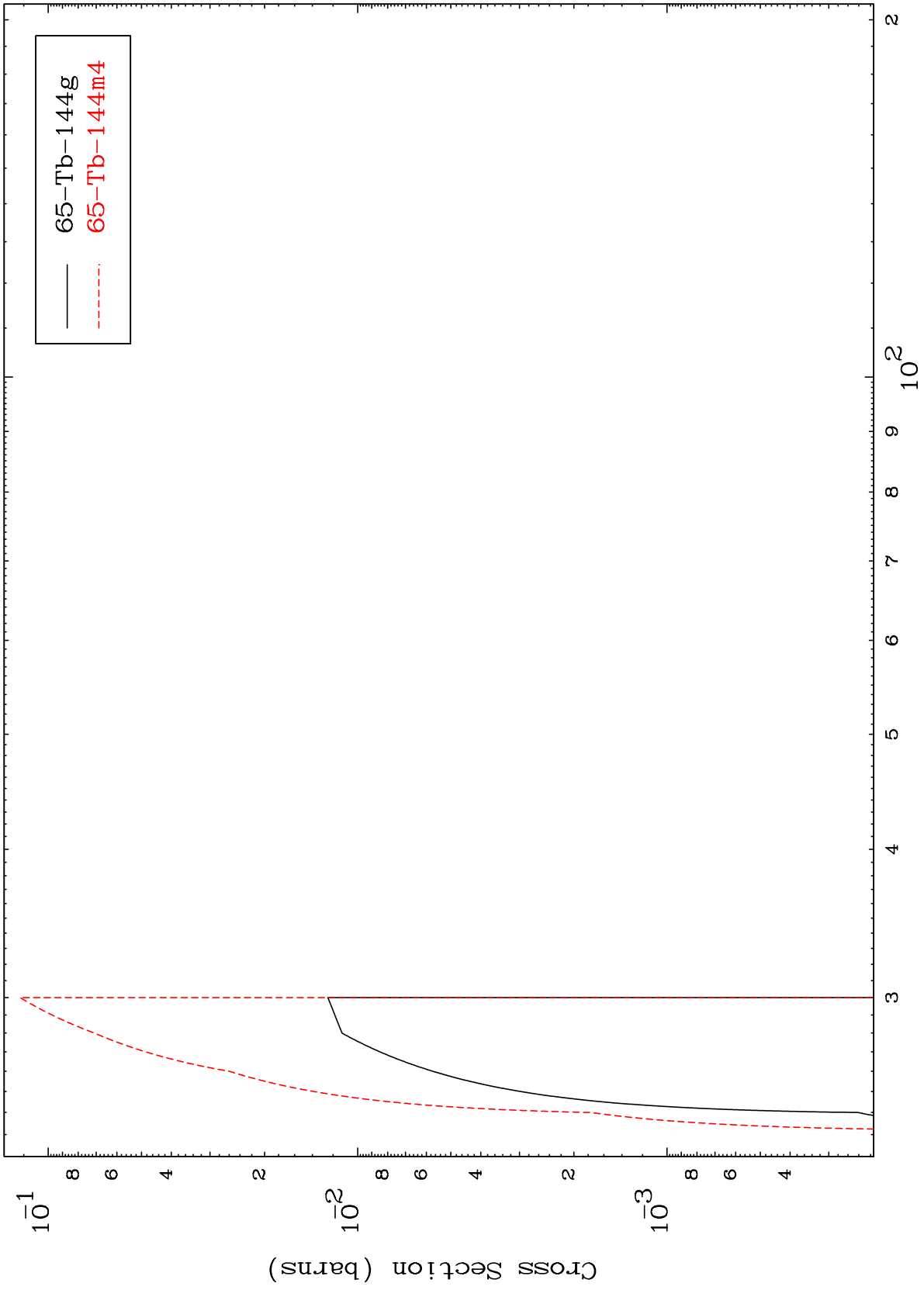
Incident Energy (MeV)

63-Eu-142

MAT 6299

63-Eu-142

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



63-Eu-142

Incident Energy (MeV)

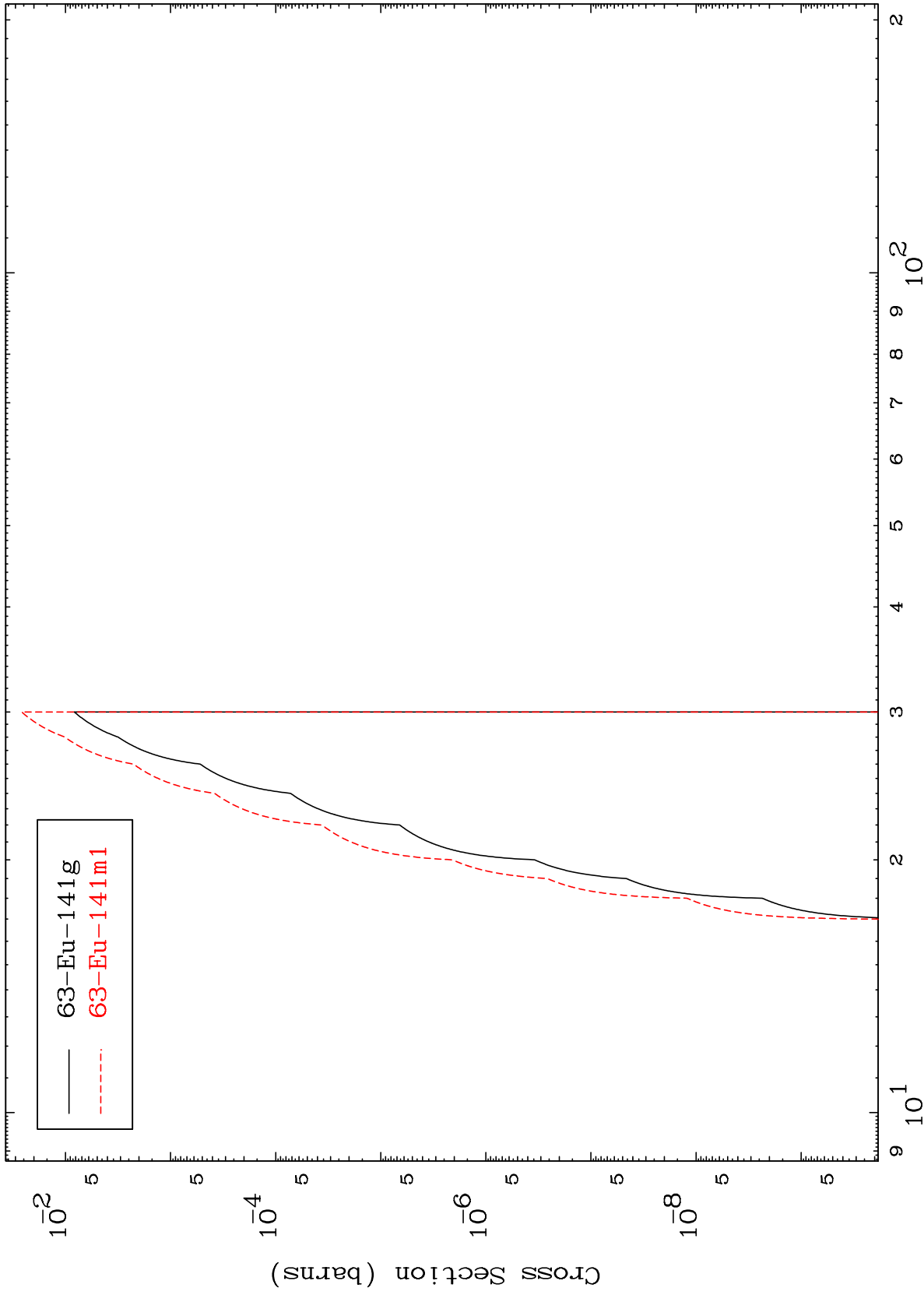
11

MAT 6299

(α, n') α

63-Eu-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

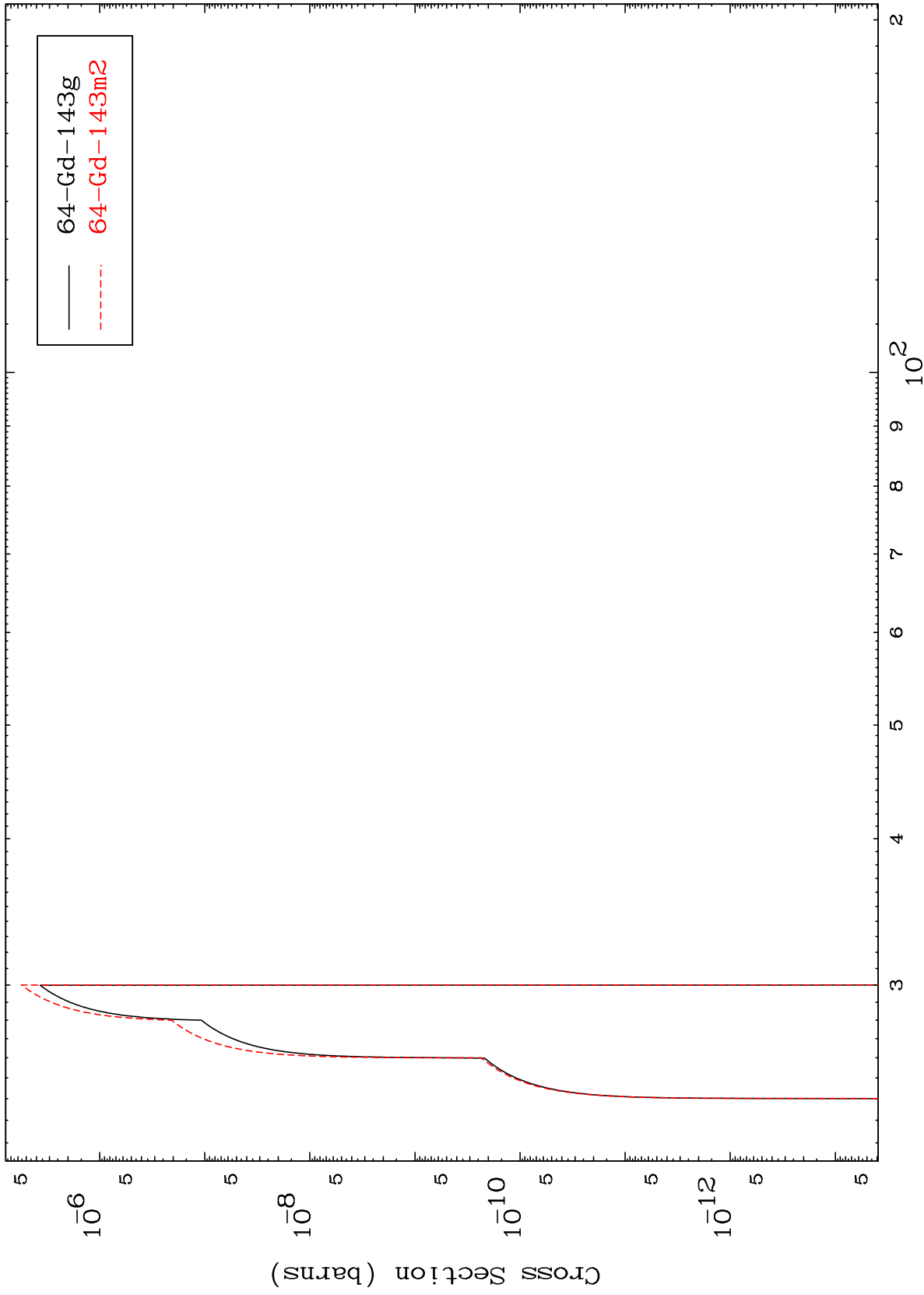
63-Eu-142

MAT 6299

(α, n') d

63-Eu-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

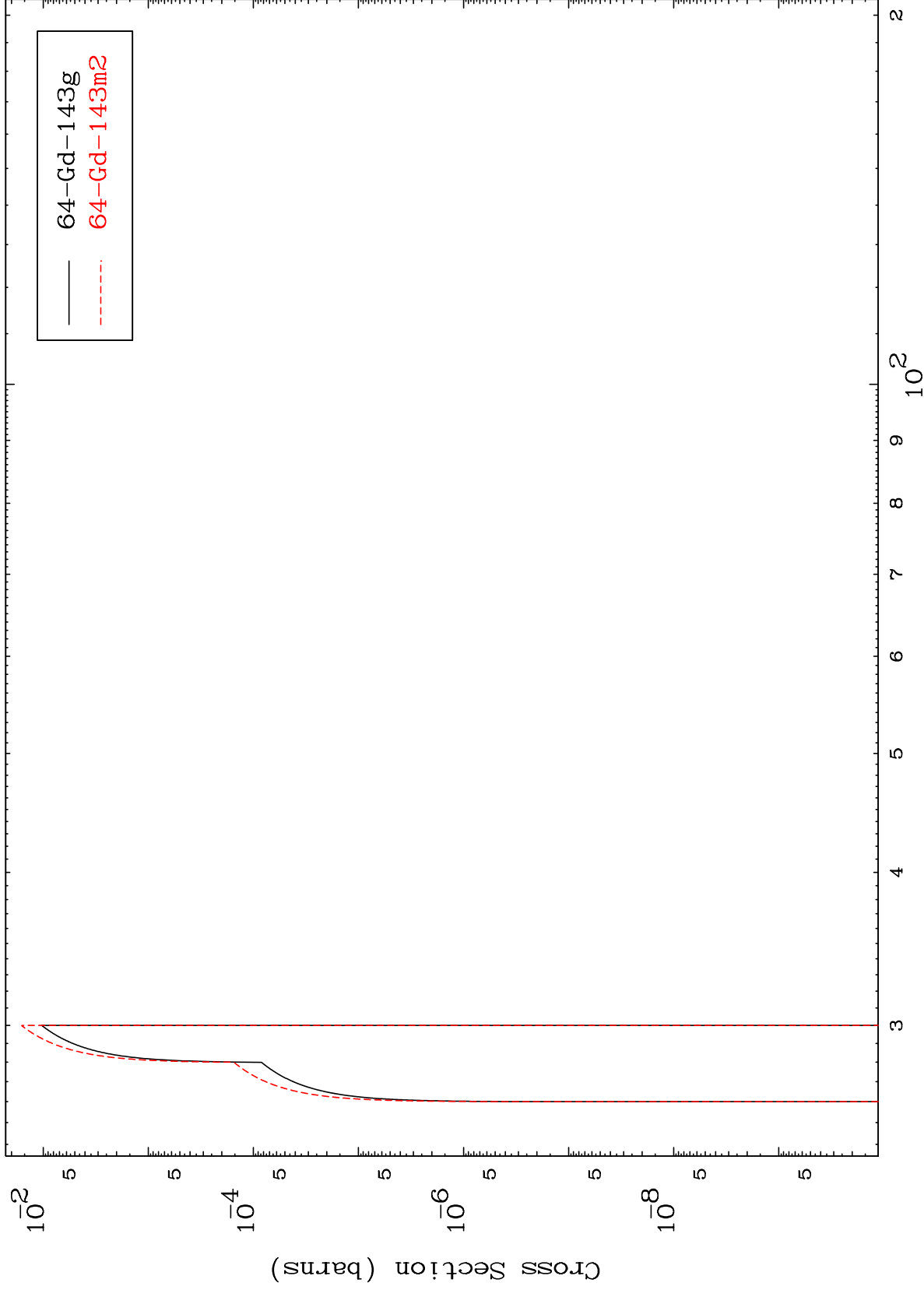
63-Eu-142

MAT 6299

$(\alpha, 2n)$ p

63-Eu-142

Radionuclide Production Cross Section



14

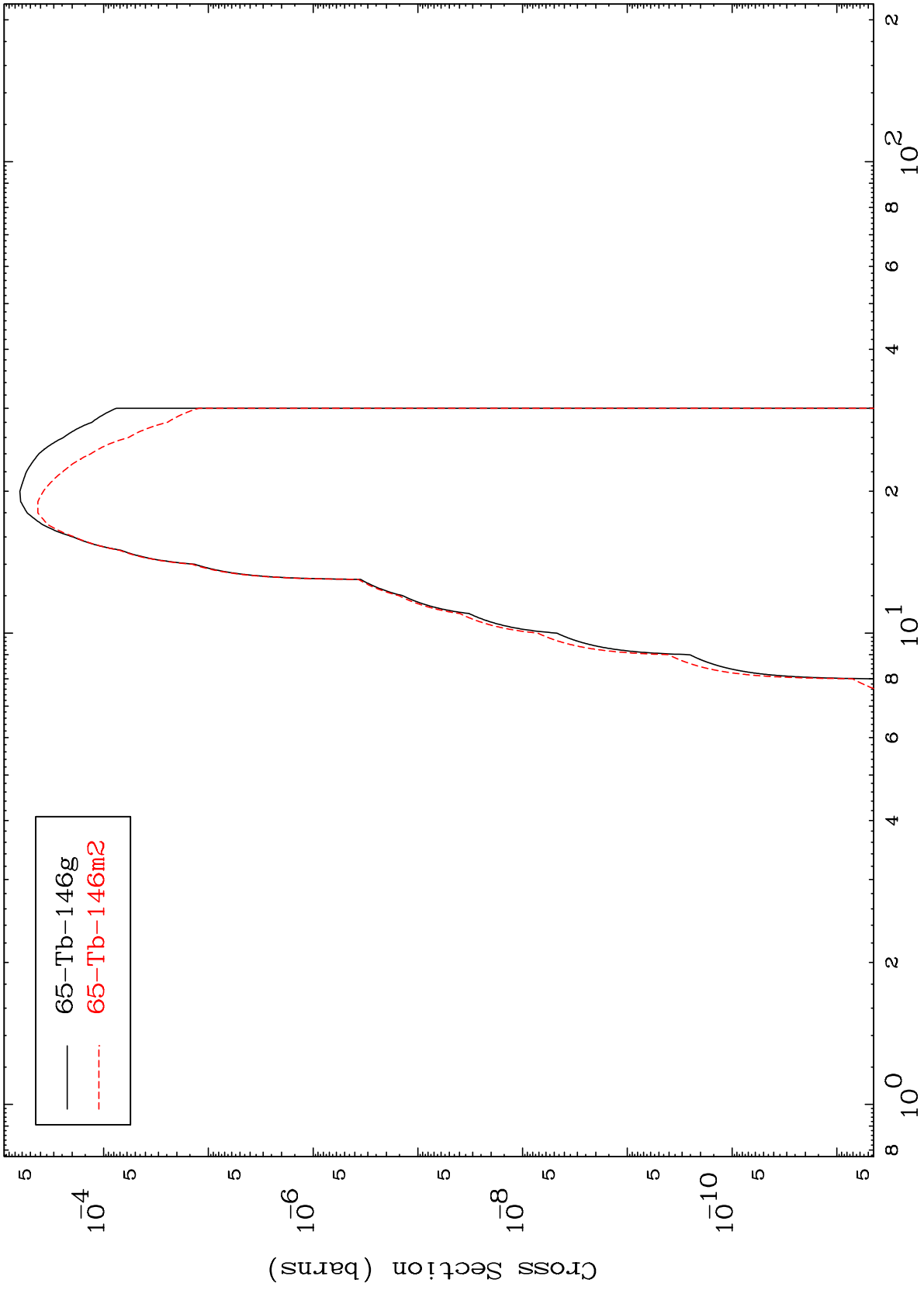
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

(α, γ)
Radionuclide Production Cross Section



15

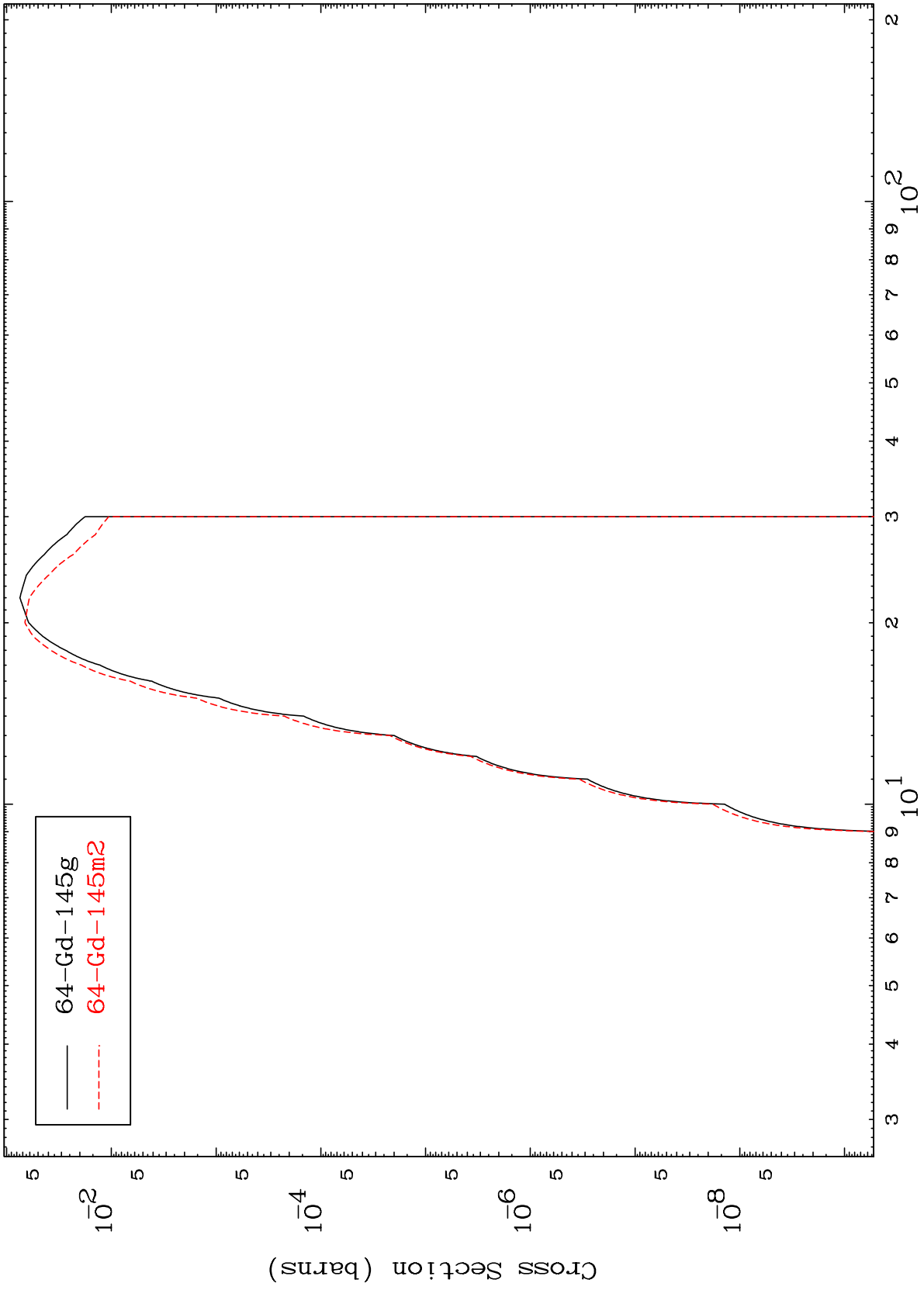
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

(α, p)
Radionuclide Production Cross Section



16

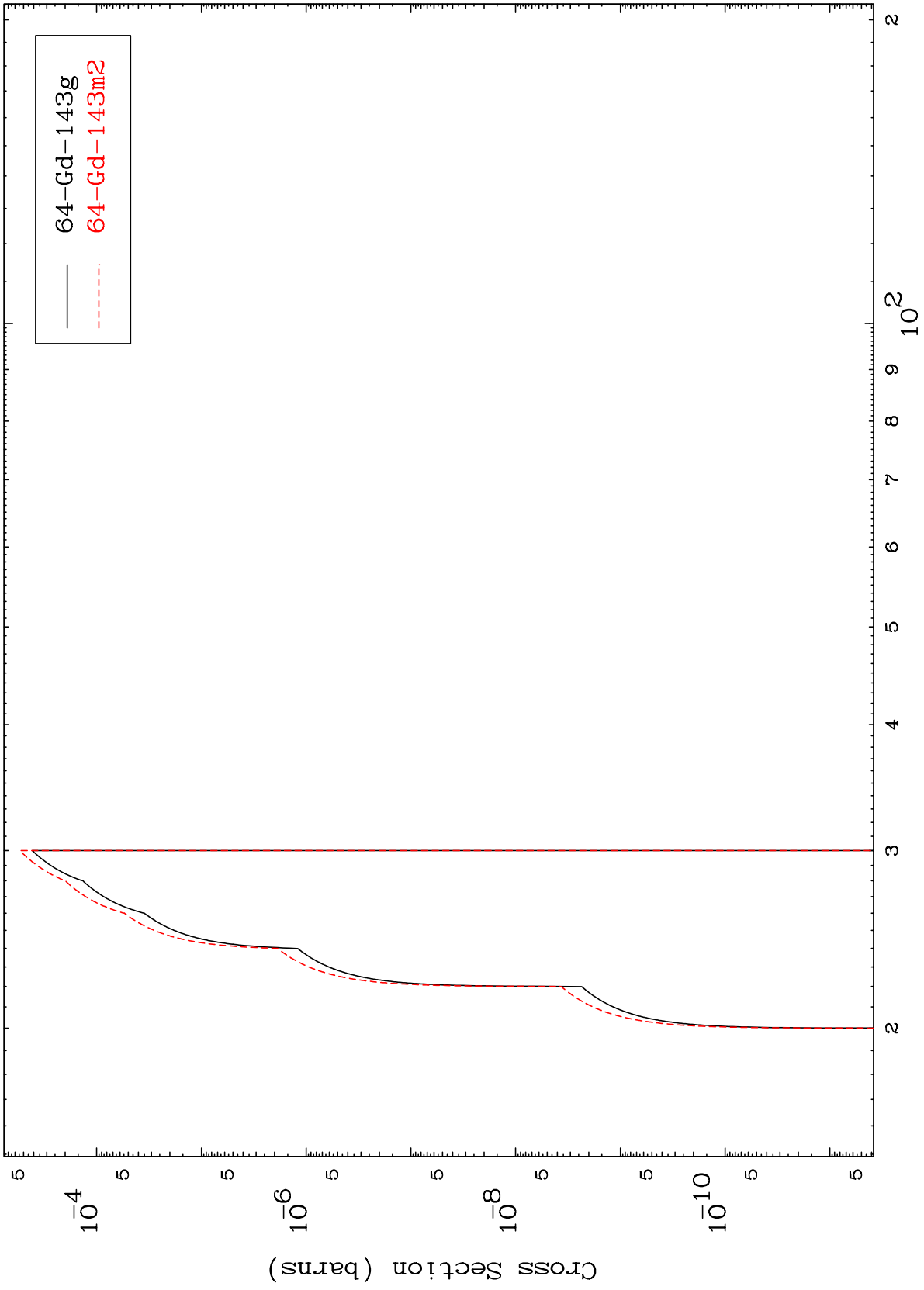
Incident Energy (MeV)

63-Eu-142

MAT 6299

63-Eu-142

(α, t)
Radionuclide Production Cross Section



17

63-Eu-142

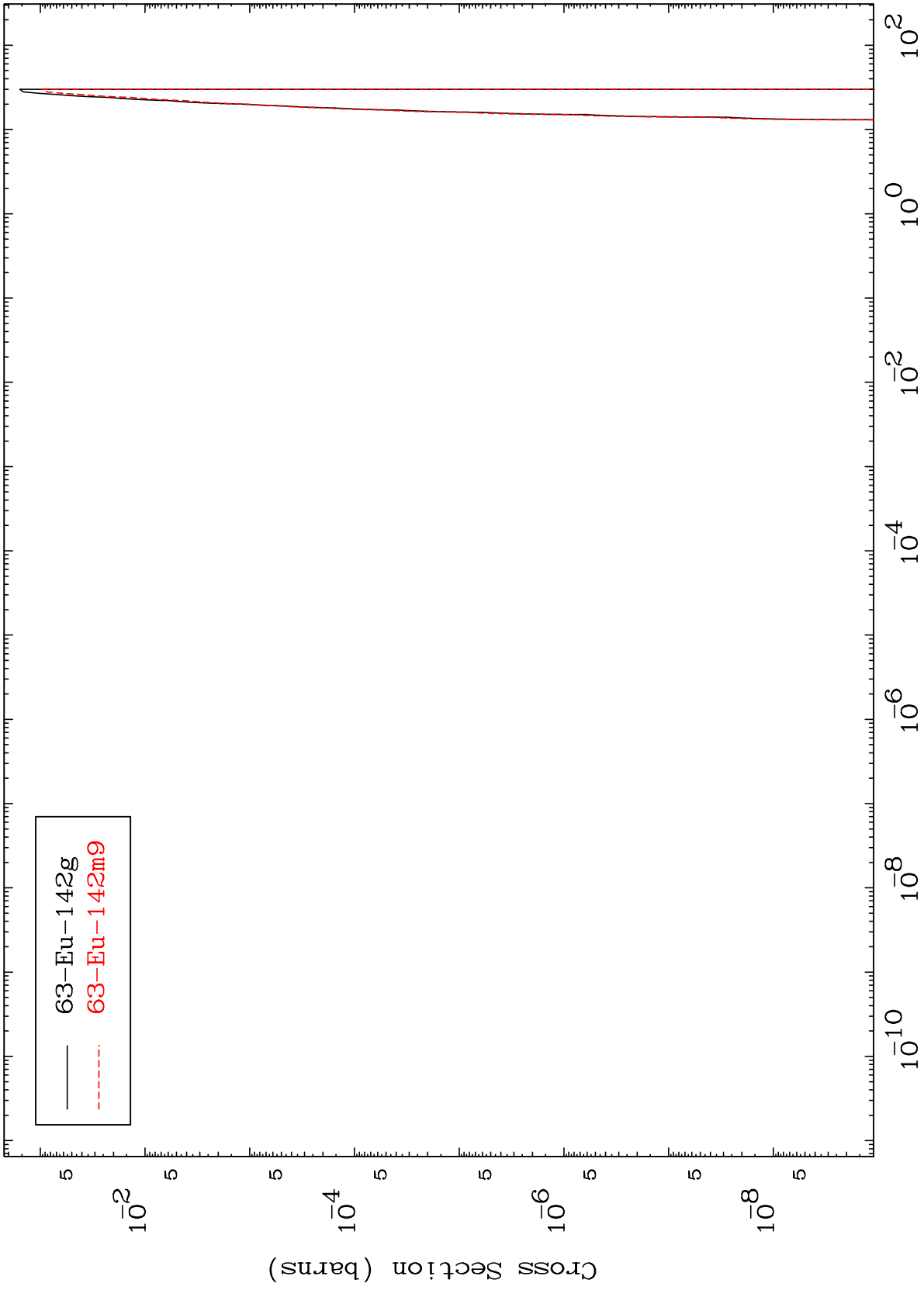
Incident Energy (MeV)

MAT 6299

(α, α)

63-Eu-142

Radionuclide Production Cross Section

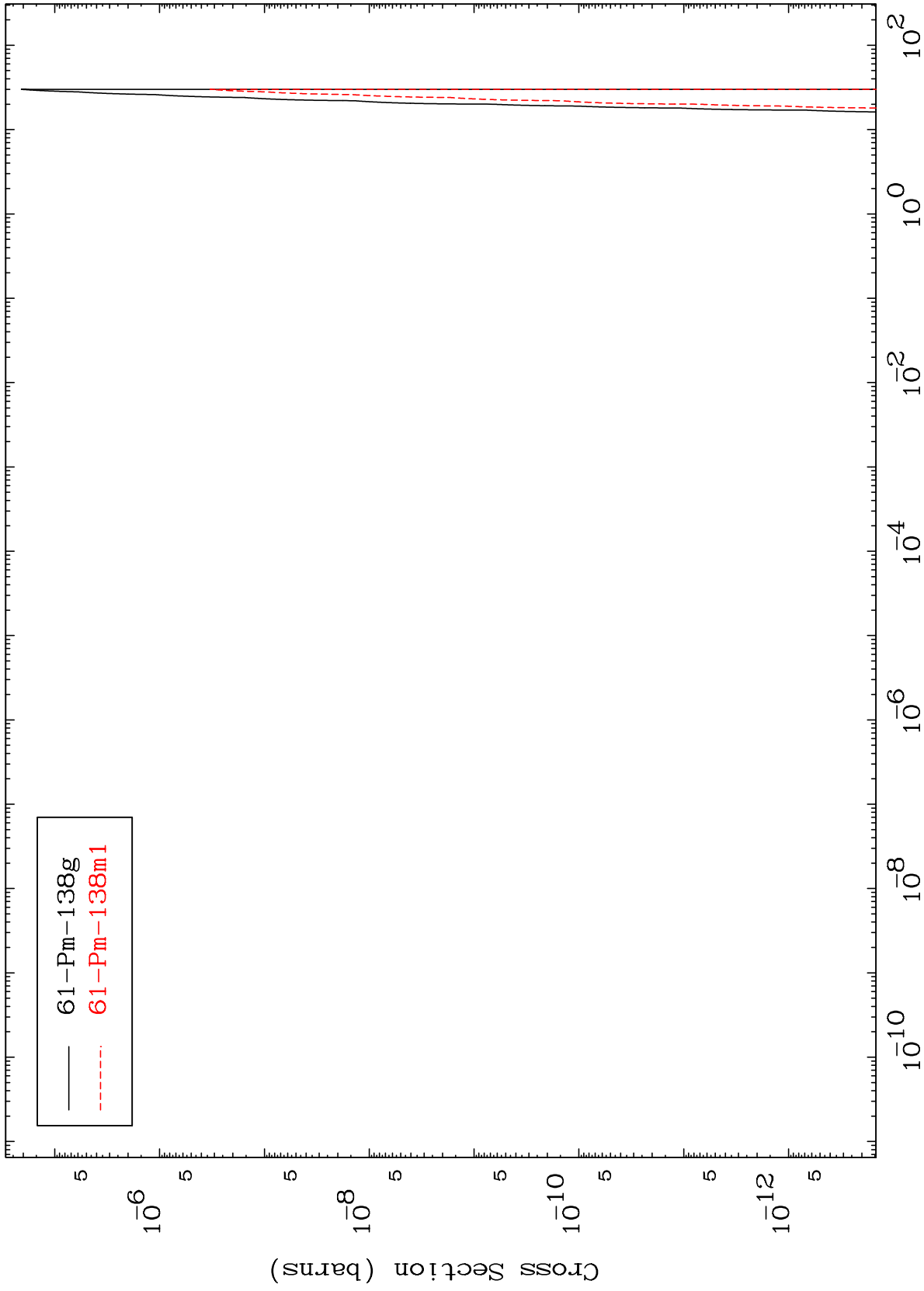


MAT 6299

($\alpha, 2\alpha$)

63-Eu-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

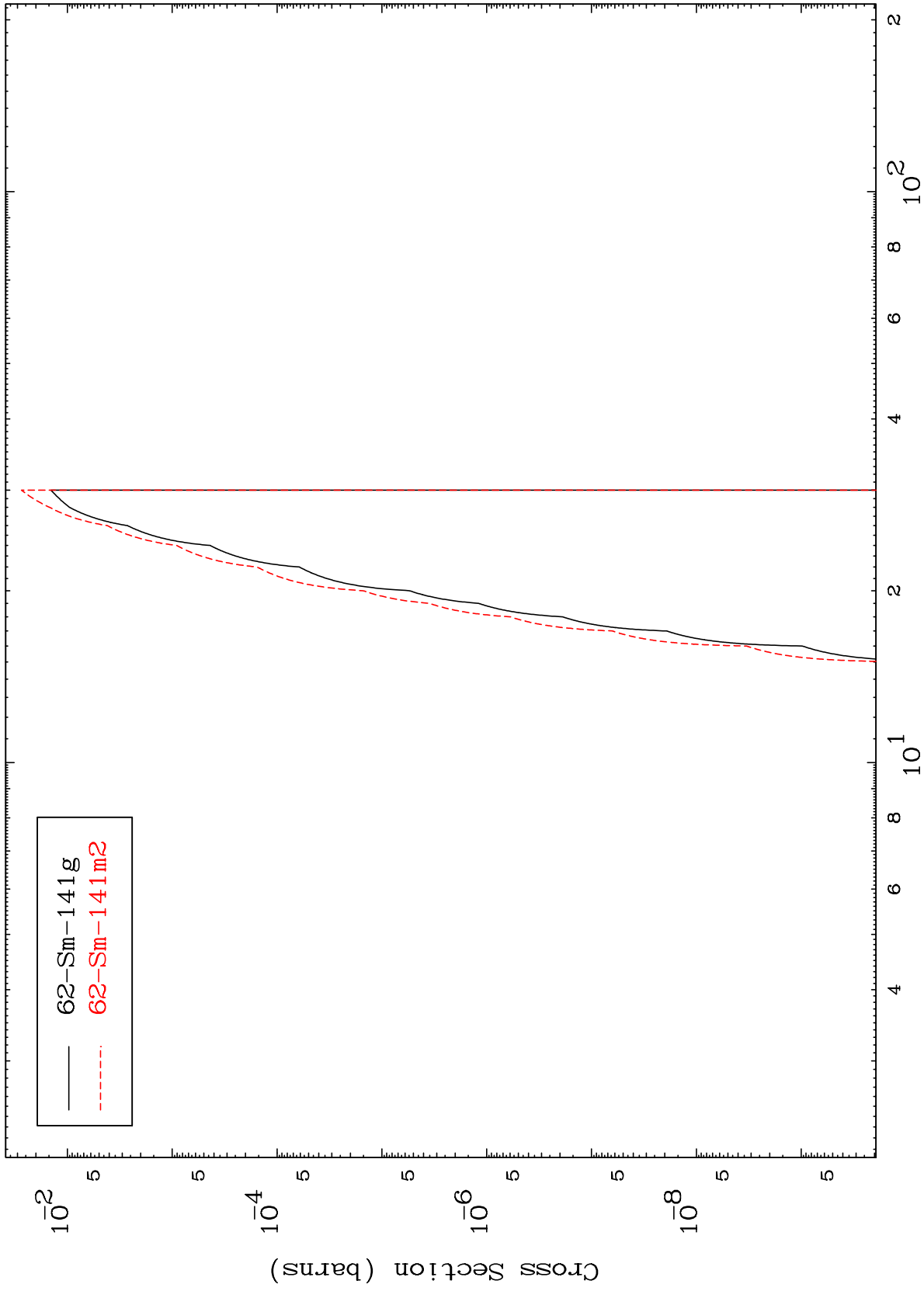
63-Eu-142

MAT 6299

(α, p) α

63-Eu-142

Radionuclide Production Cross Section



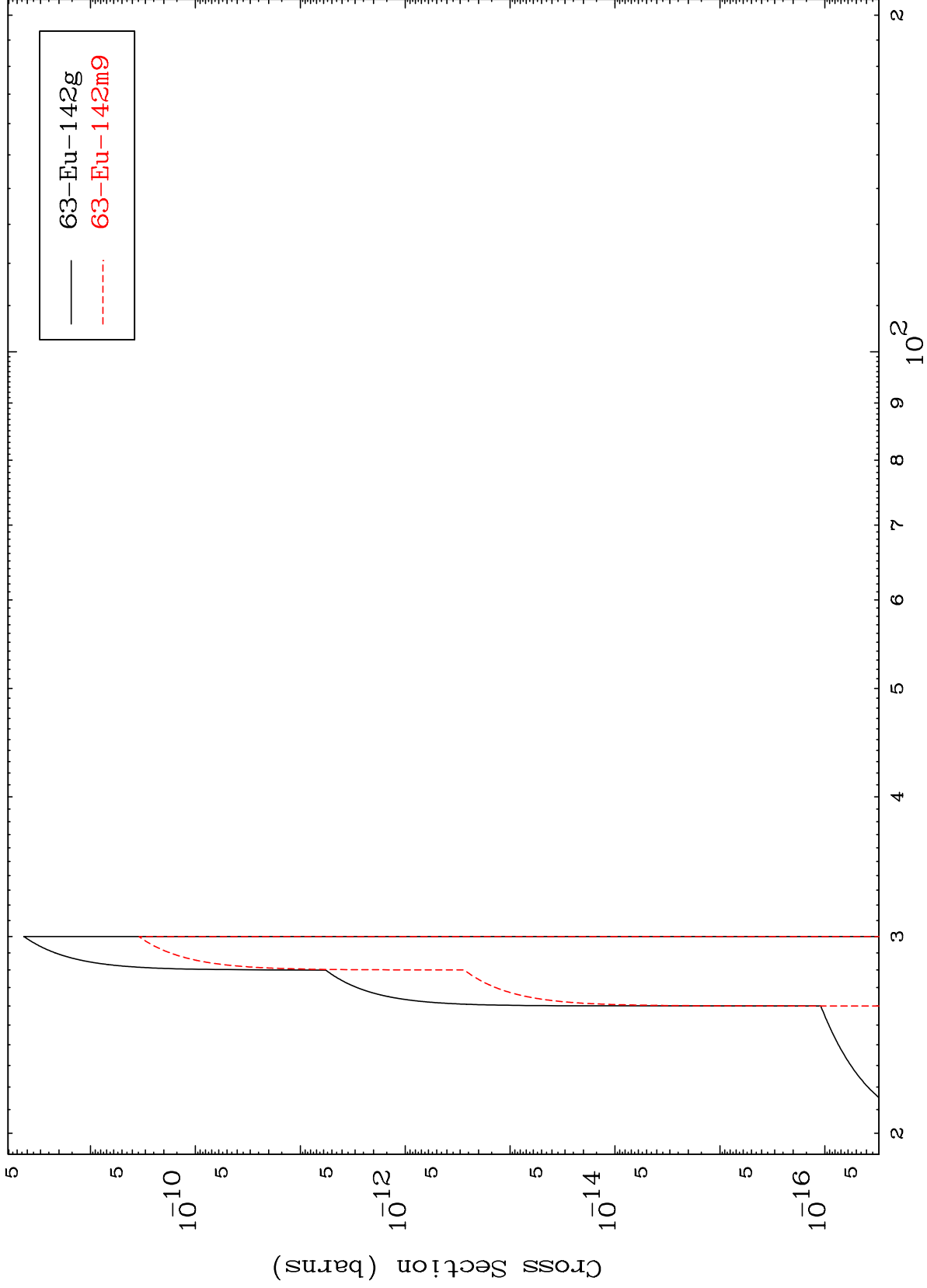
62-Sm-141g
62-Sm-141m2

MAT 6299

(α, p) t

$^{63}\text{Eu}-142$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

$^{63}\text{Eu}-142$