

Program EVALPLOT
(Version 2018-1)

by

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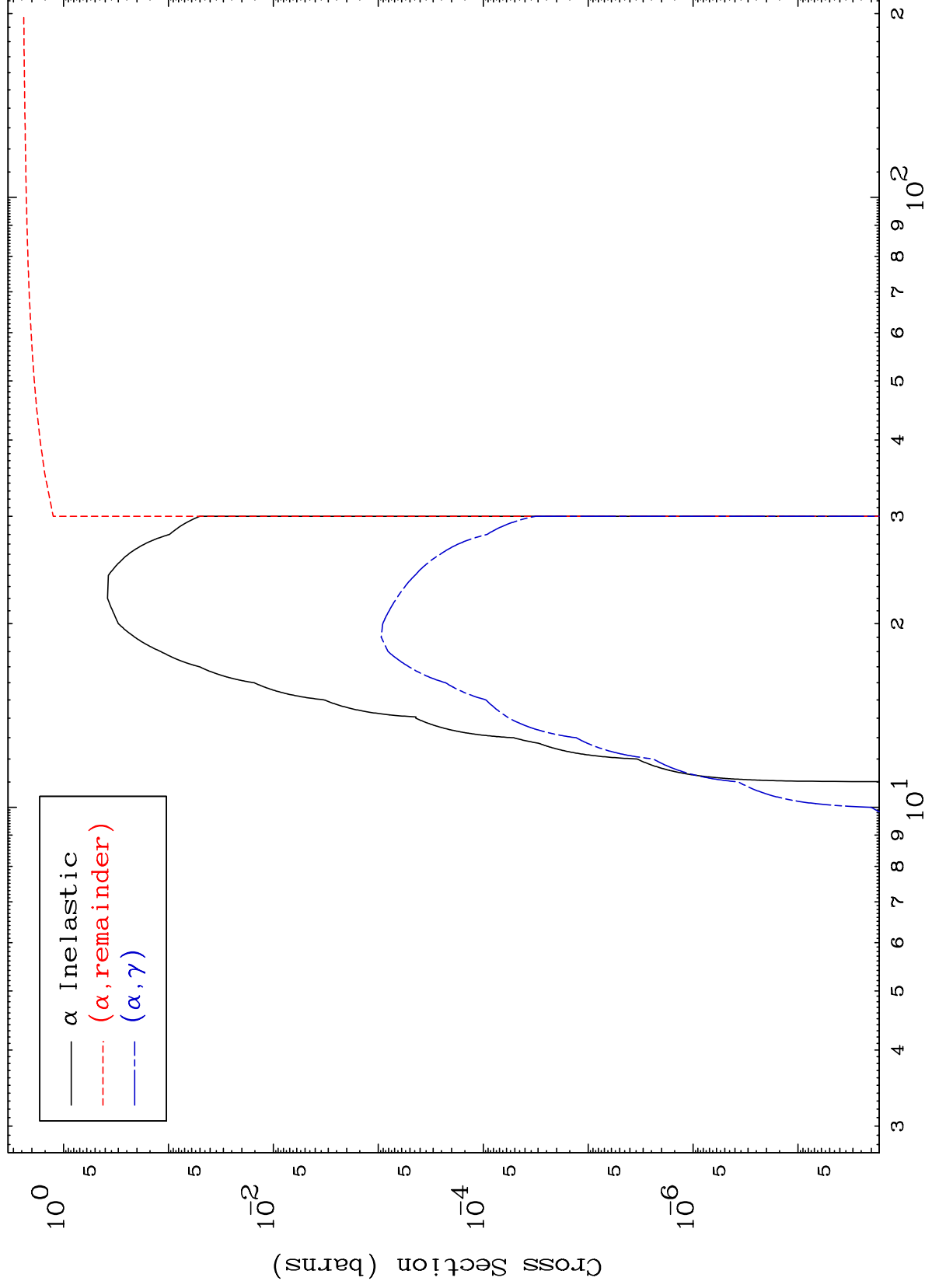
Press Mouse Button to Start

MAT 6404

α Major

64-Gd-145

0 Kelvin Cross Sections



1

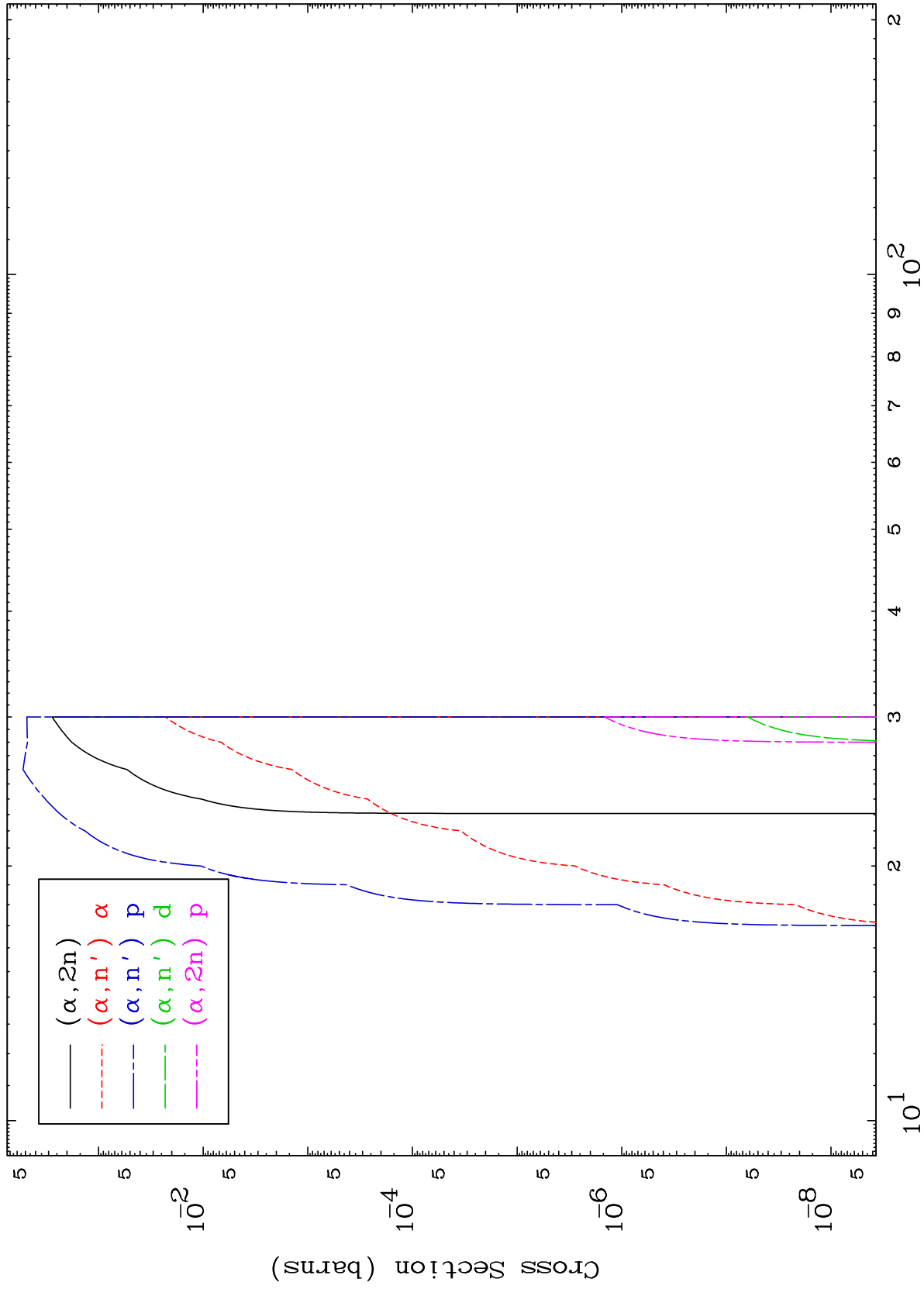
Incident Energy (MeV)

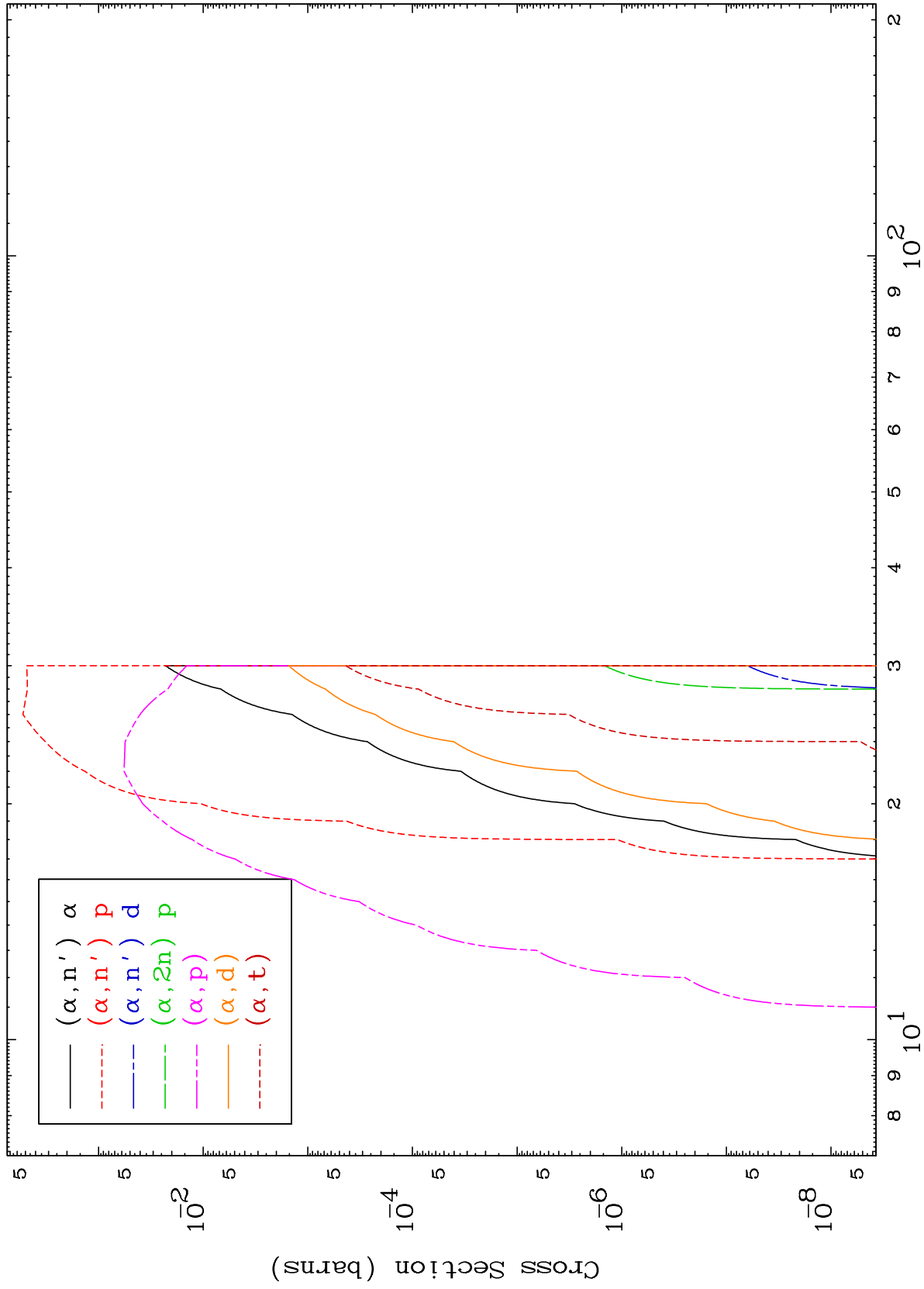
64-Gd-145

MAT 6404

α Neutron Production
0 Kelvin Cross Sections

64-Gd-145

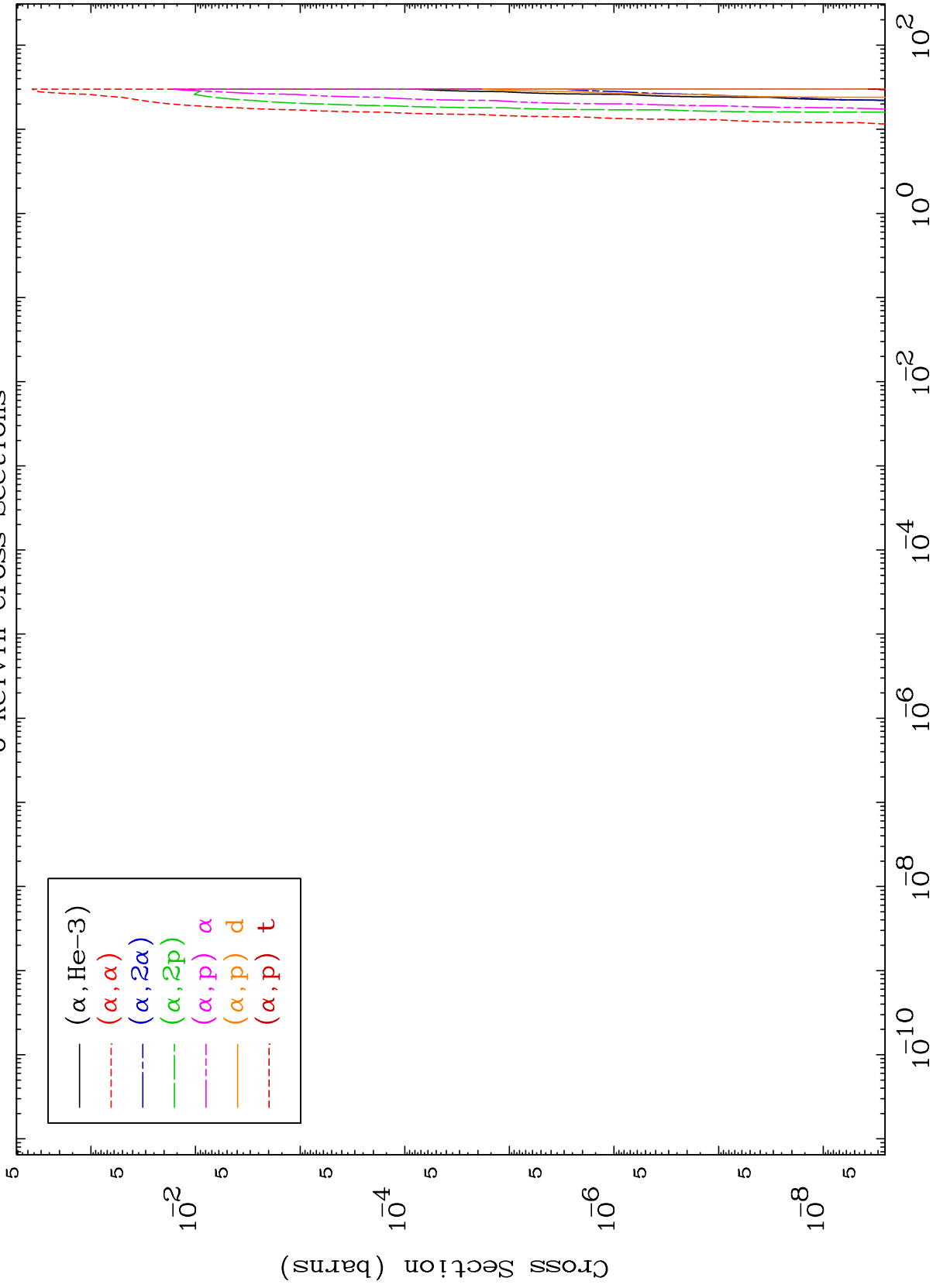




MAT 6404

α Charged Particle
0 Kelvin Cross Sections

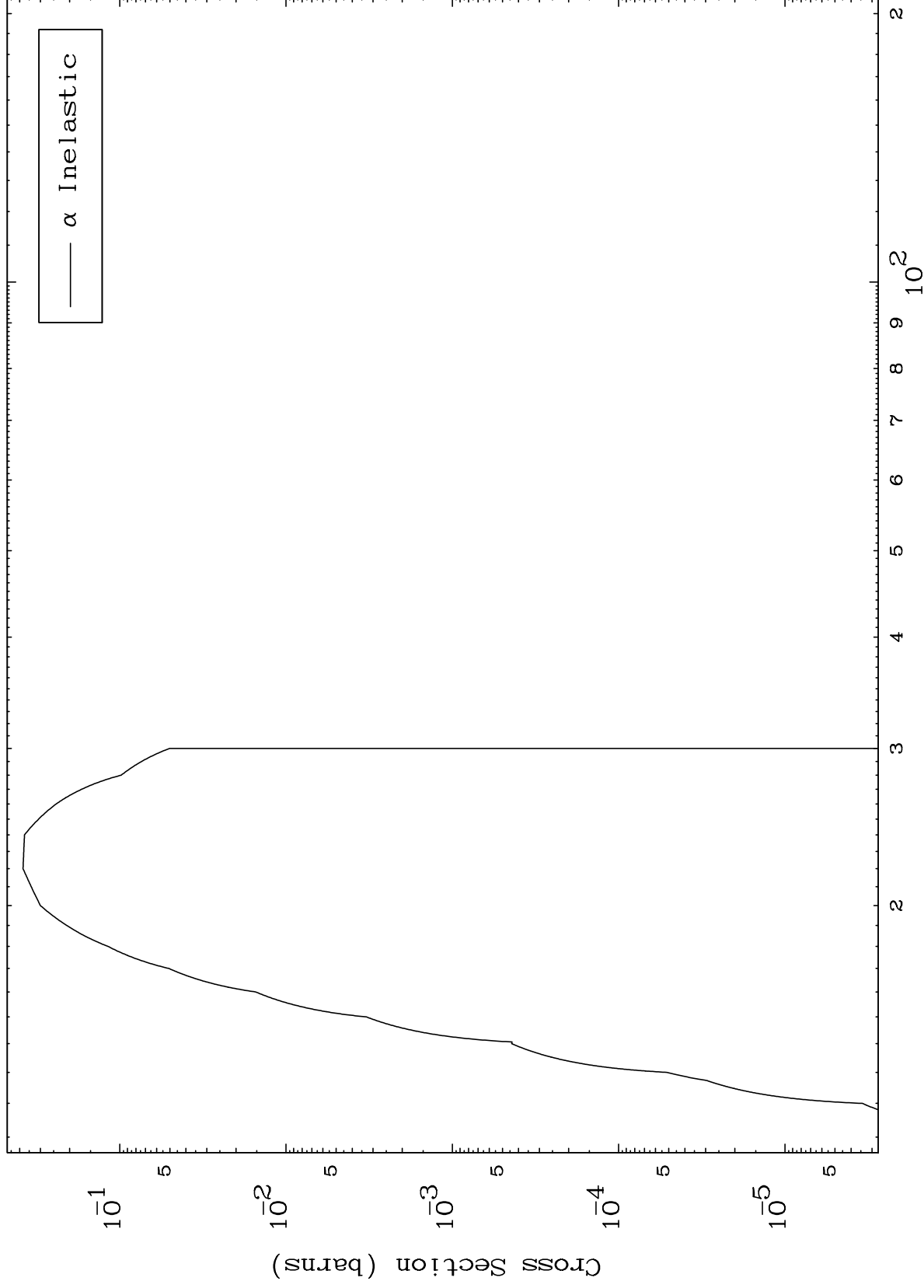
64-Gd-145



MAT 6404

(α, n') Level
0 Kelvin Cross Sections

64-Gd-145



5

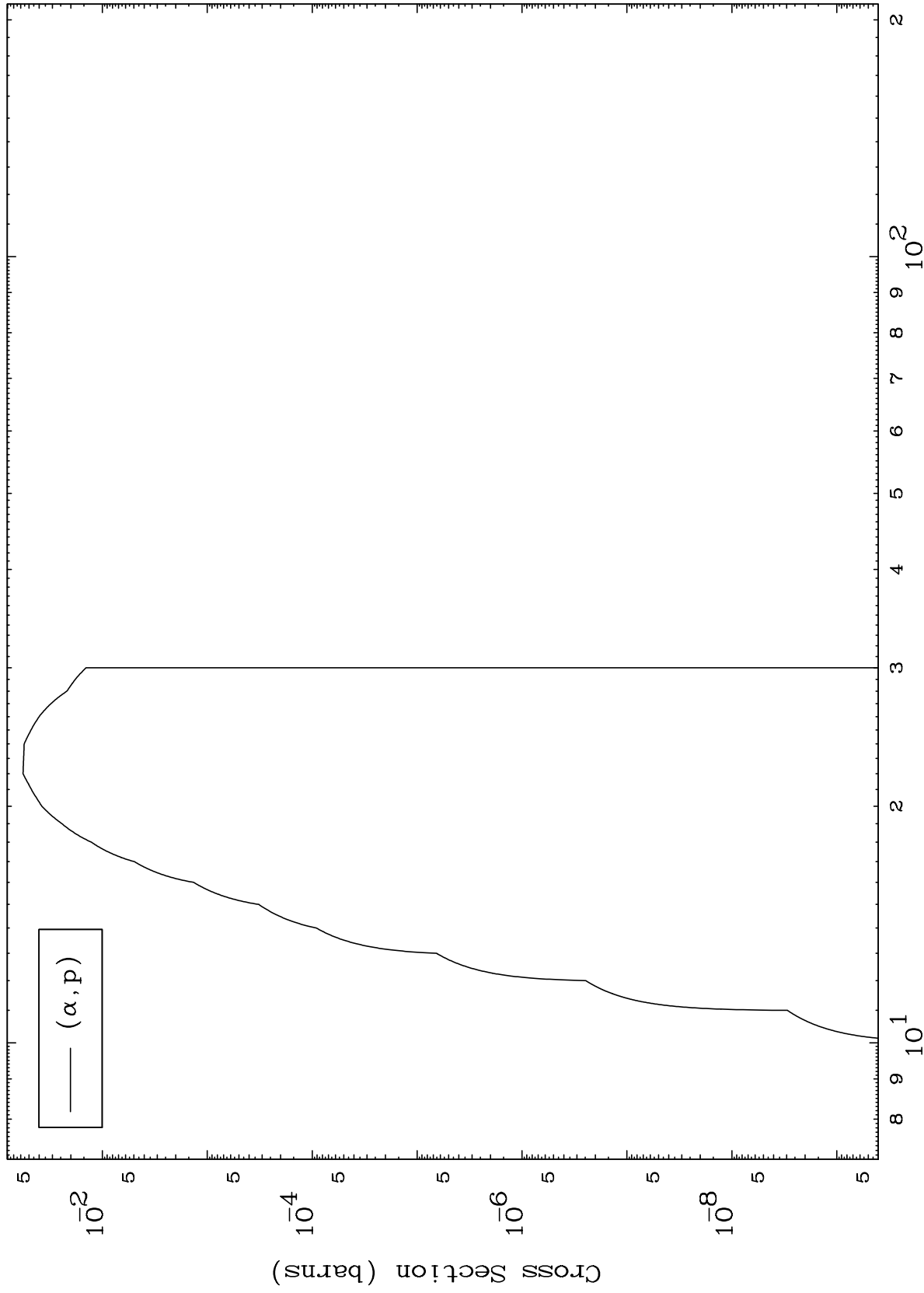
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(α ,p) Levels
0 Kelvin Cross Sections



6

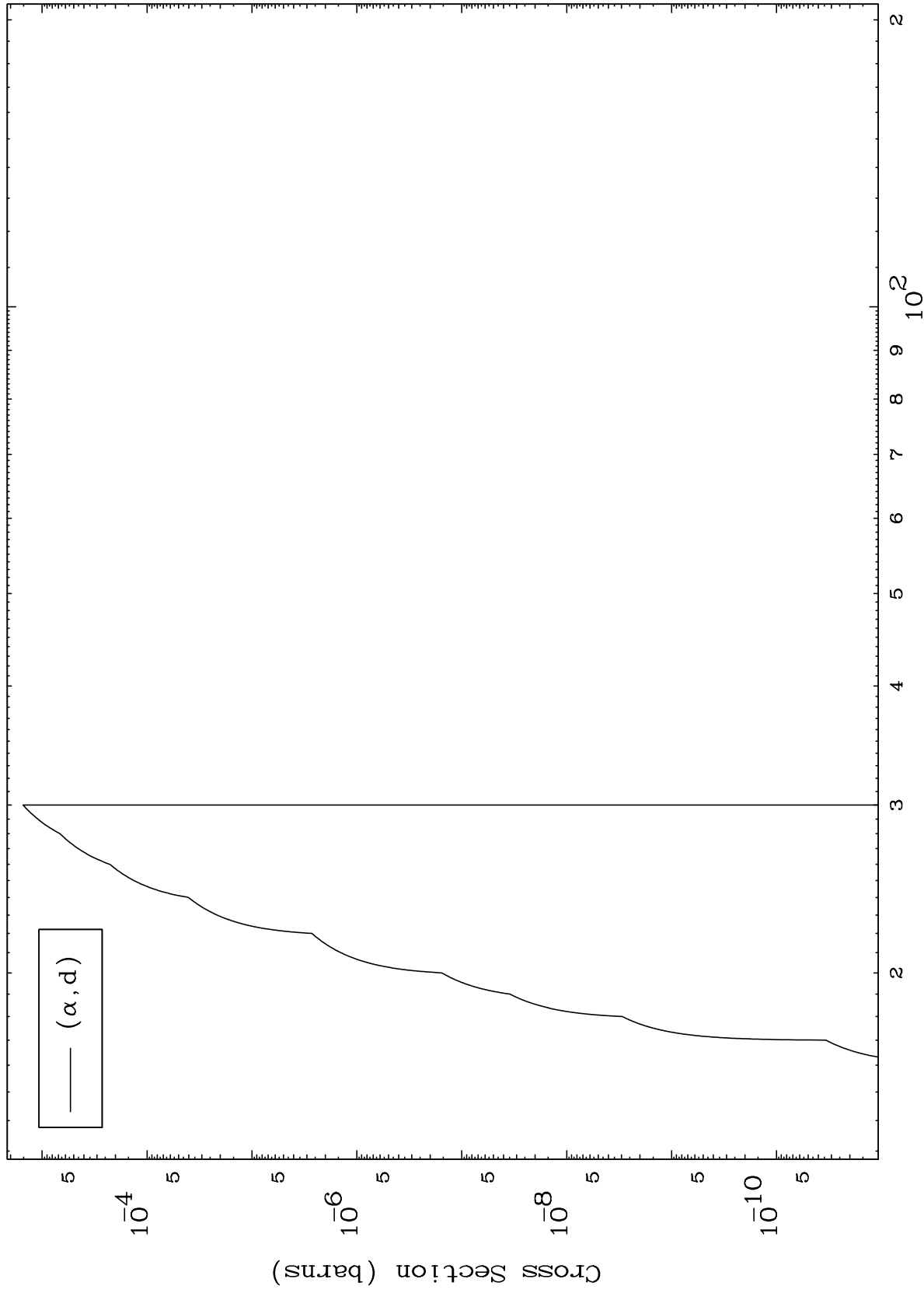
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

(α ,d) Levels
0 Kelvin Cross Sections



7

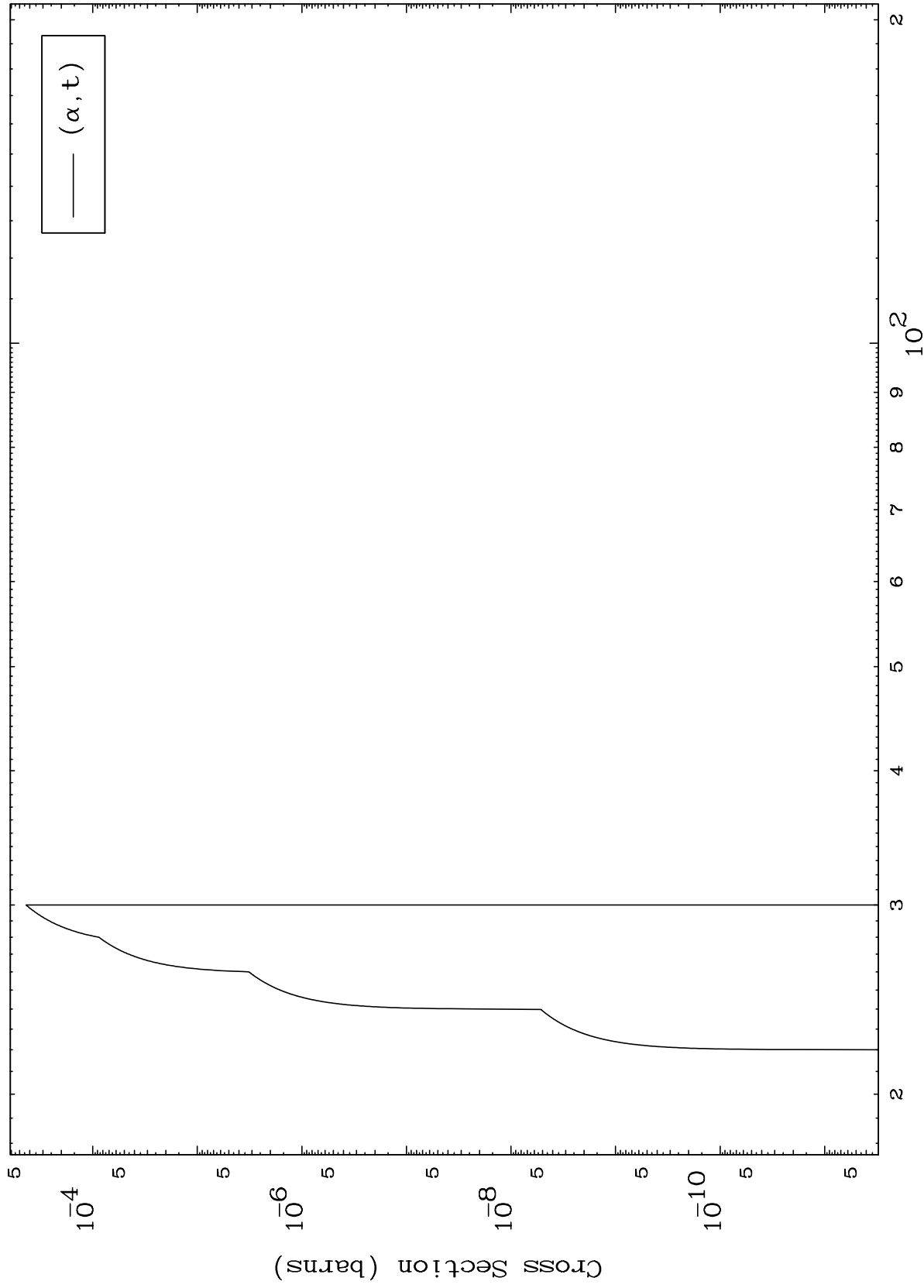
Incident Energy (MeV)

64-Gd-145

MAT 6404

(α ,t) Levels
0 Kelvin Cross Sections

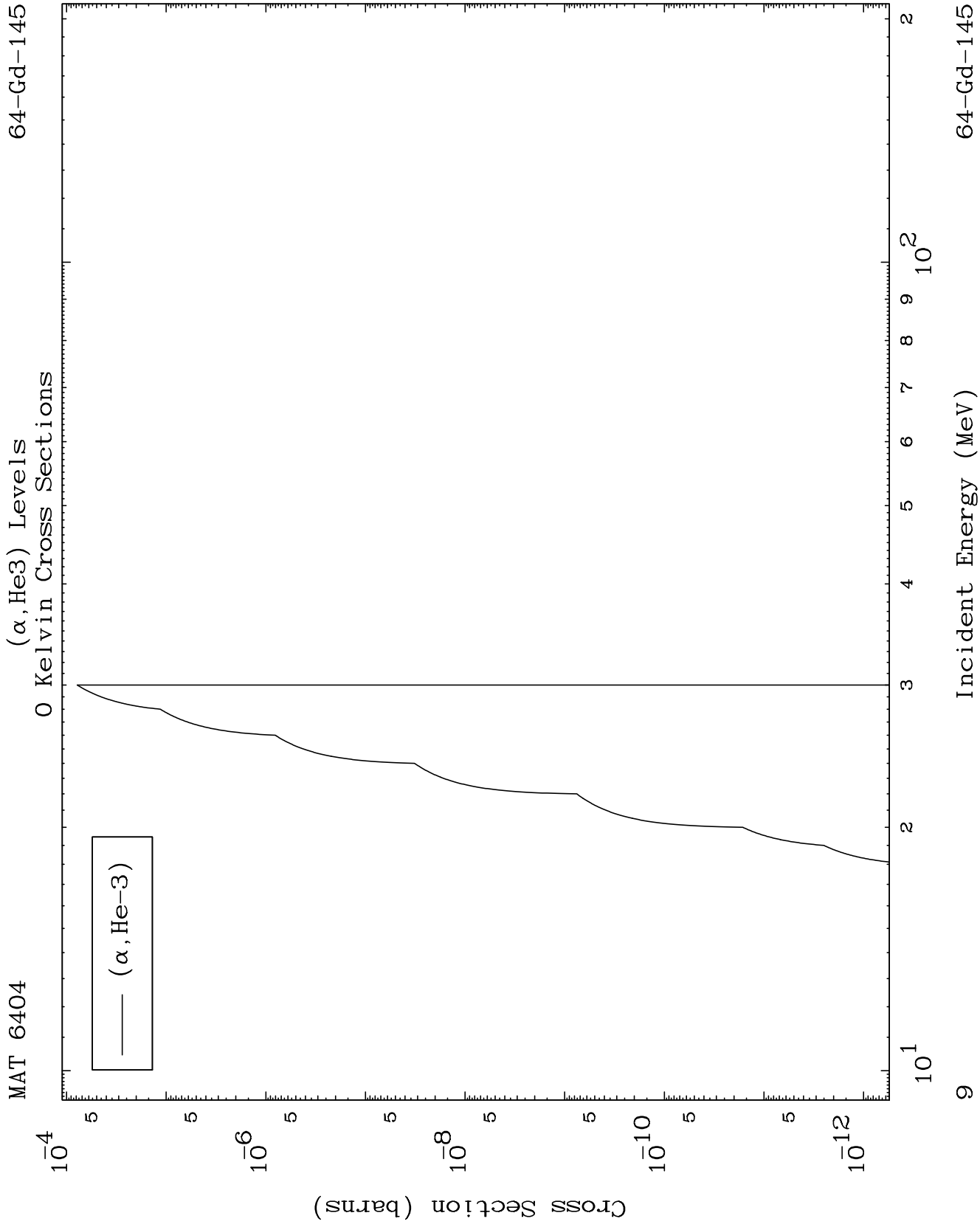
64-Gd-145



8

Incident Energy (MeV)

64-Gd-145

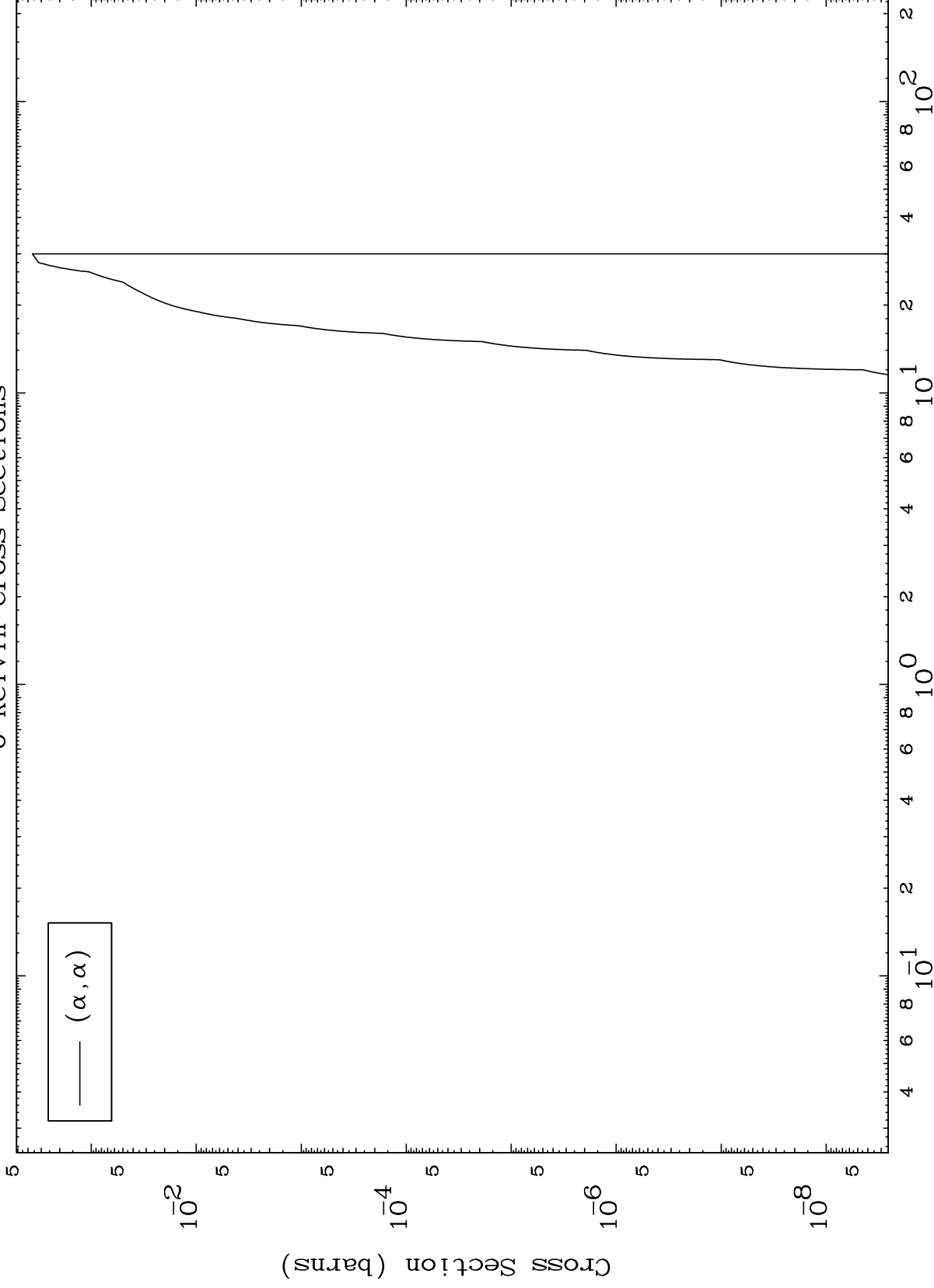


MAT 6404

(α, α) Levels

64-Gd-145

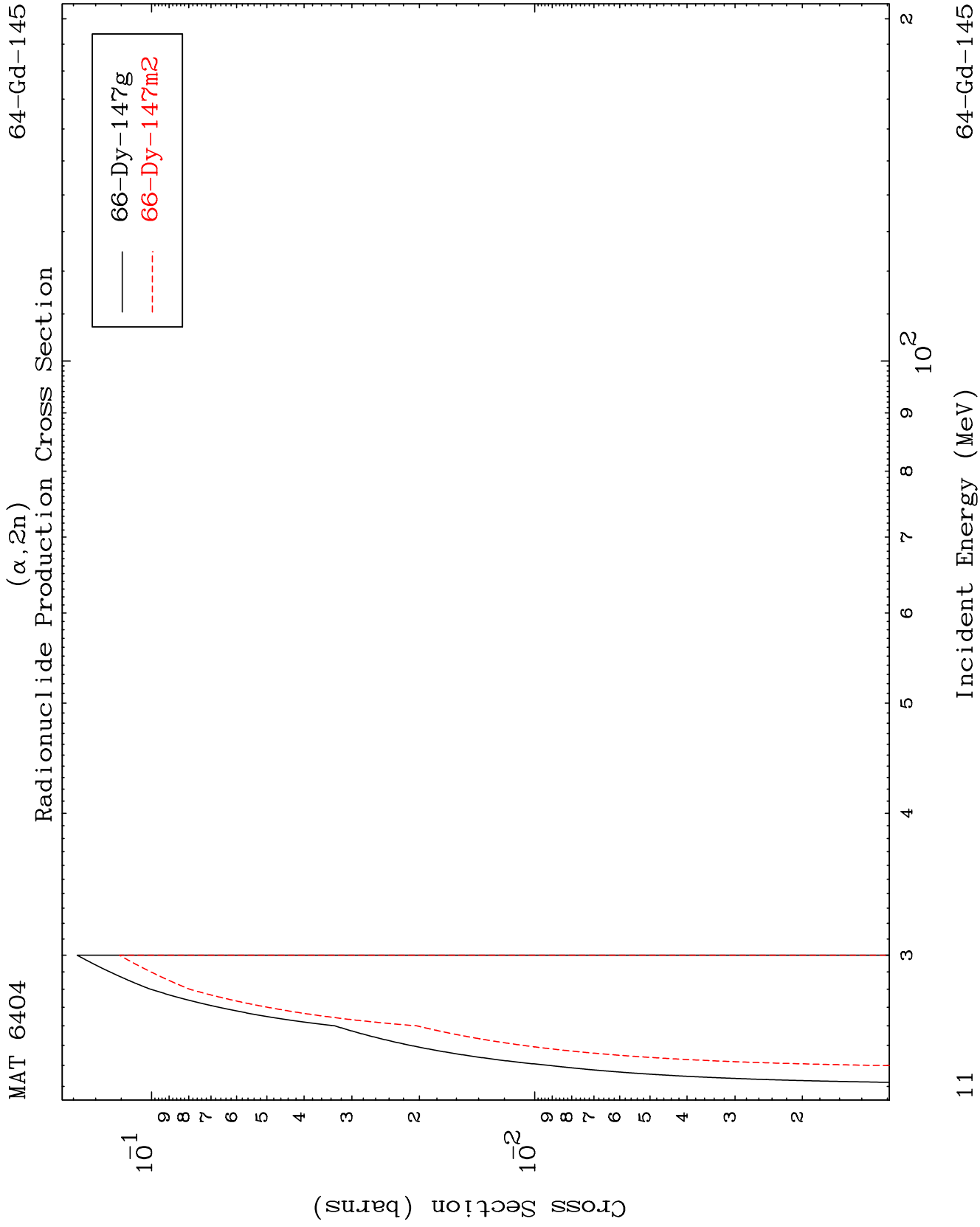
0 Kelvin Cross Sections



10

Incident Energy (MeV)

64-Gd-145

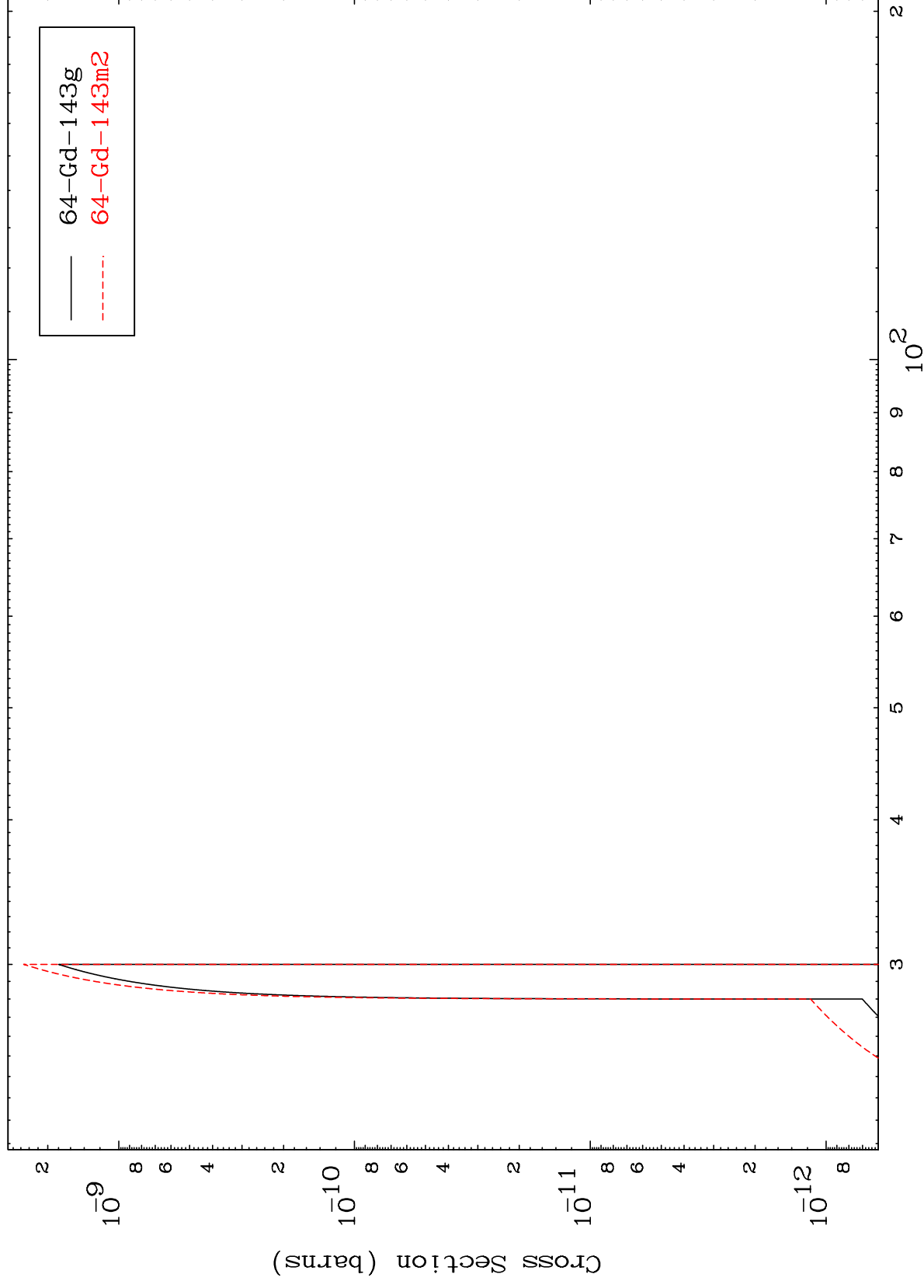


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$$(\alpha, 2n) \propto$$

64-Gd-145

Radionuclide Production Cross Section

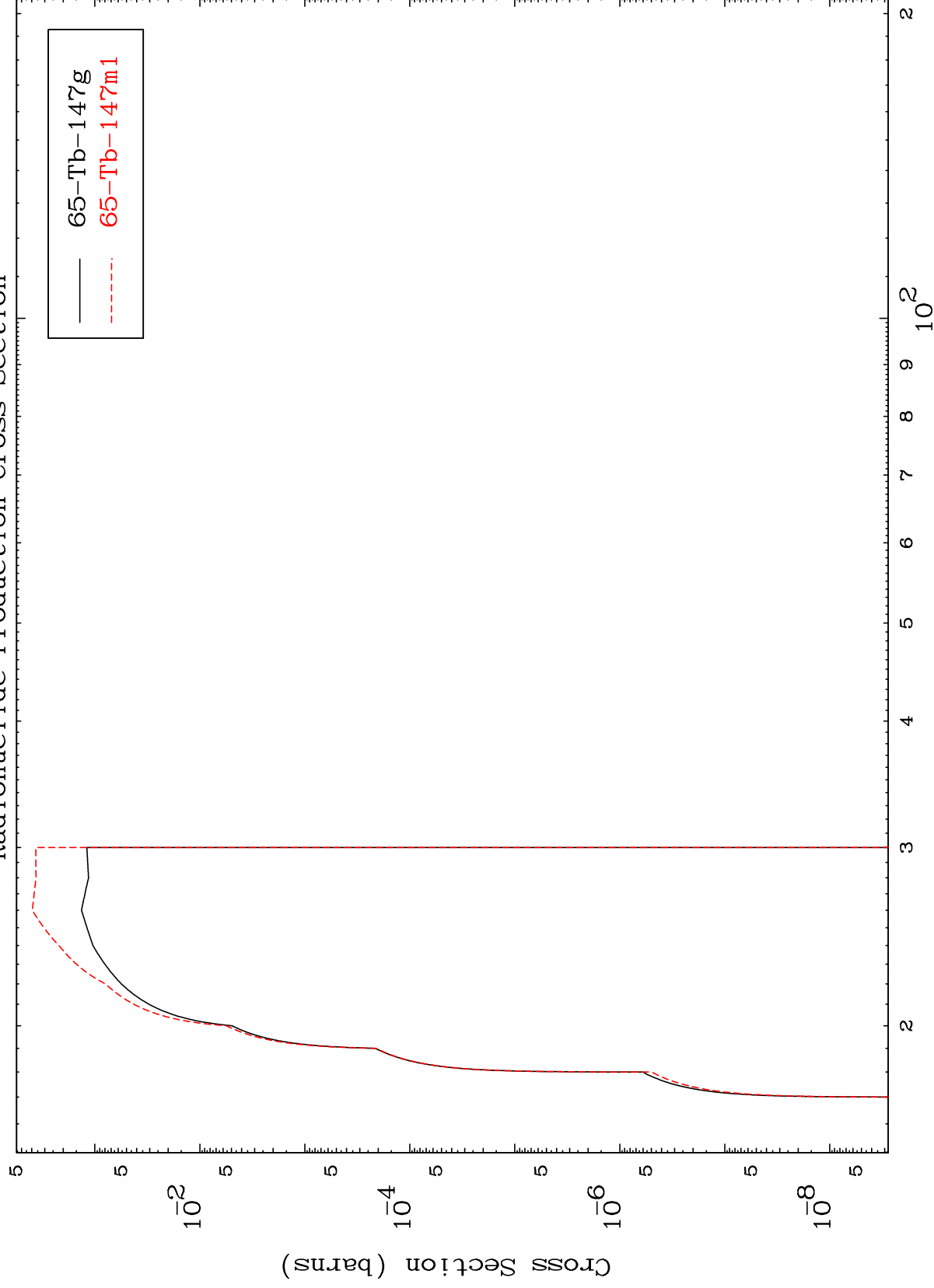


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(α, n') p

64-Gd-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

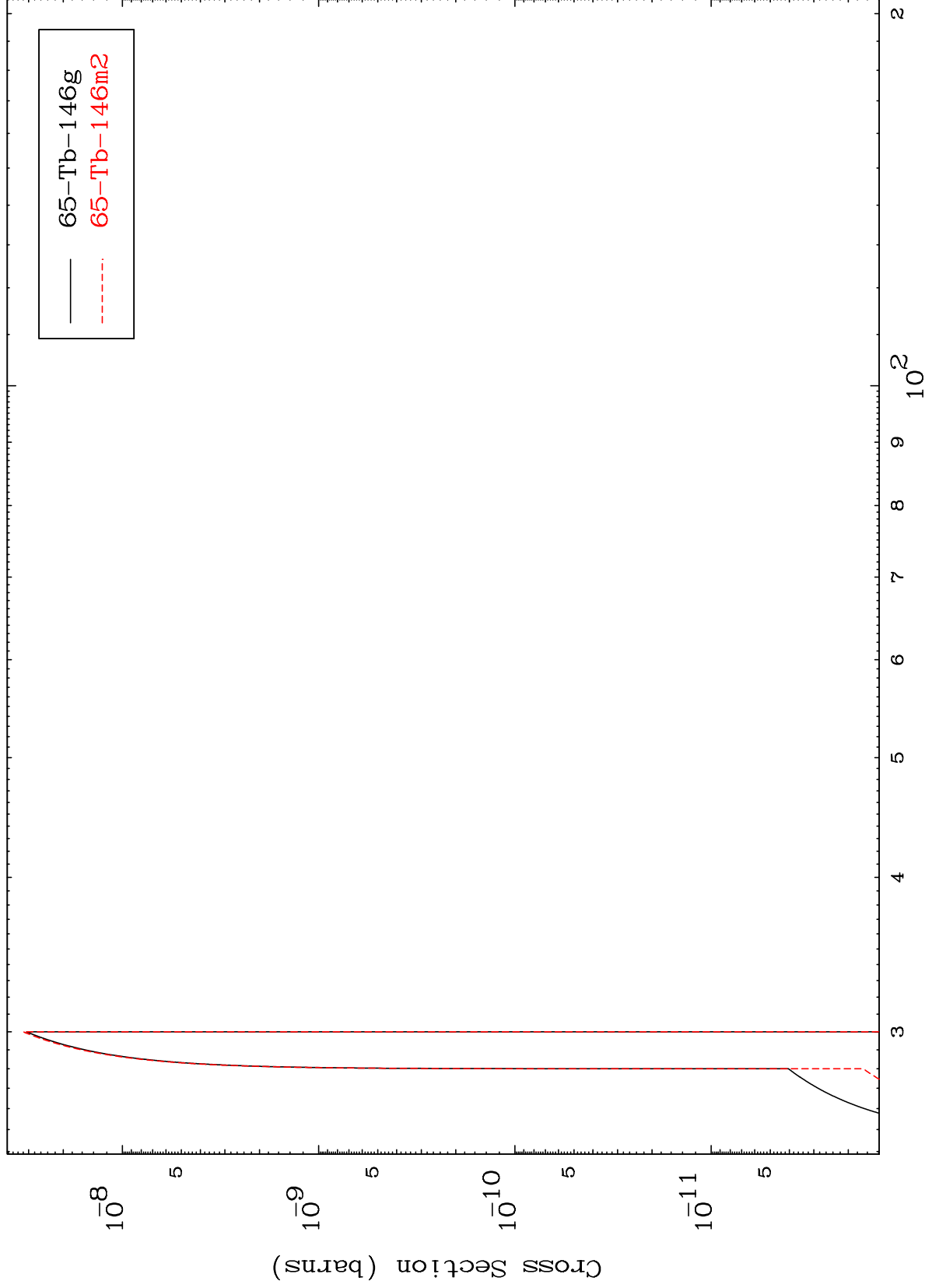
64-Gd-145

MAT 6404

(α, n') d

64-Gd-145

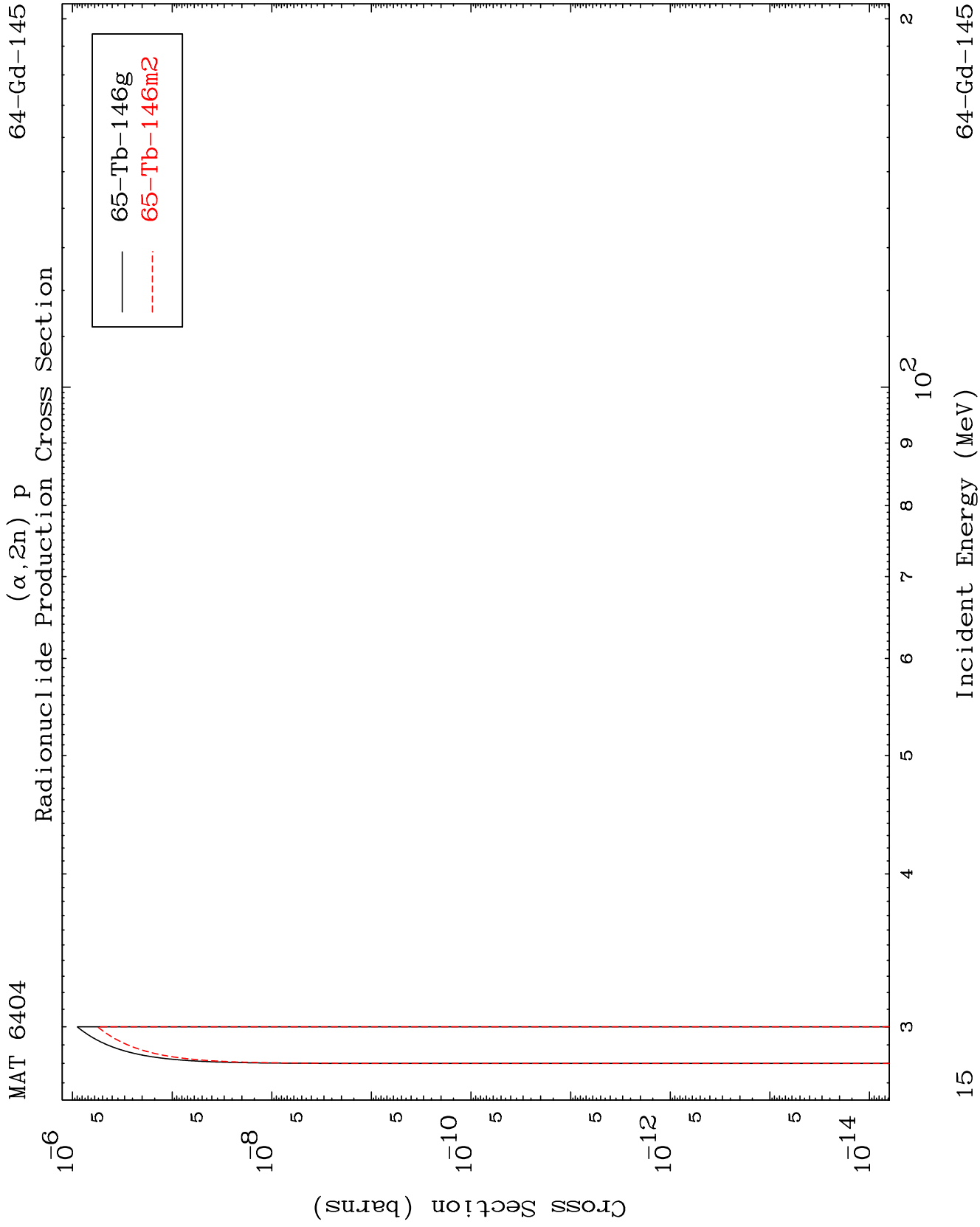
Radionuclide Production Cross Section



14

Incident Energy (MeV)

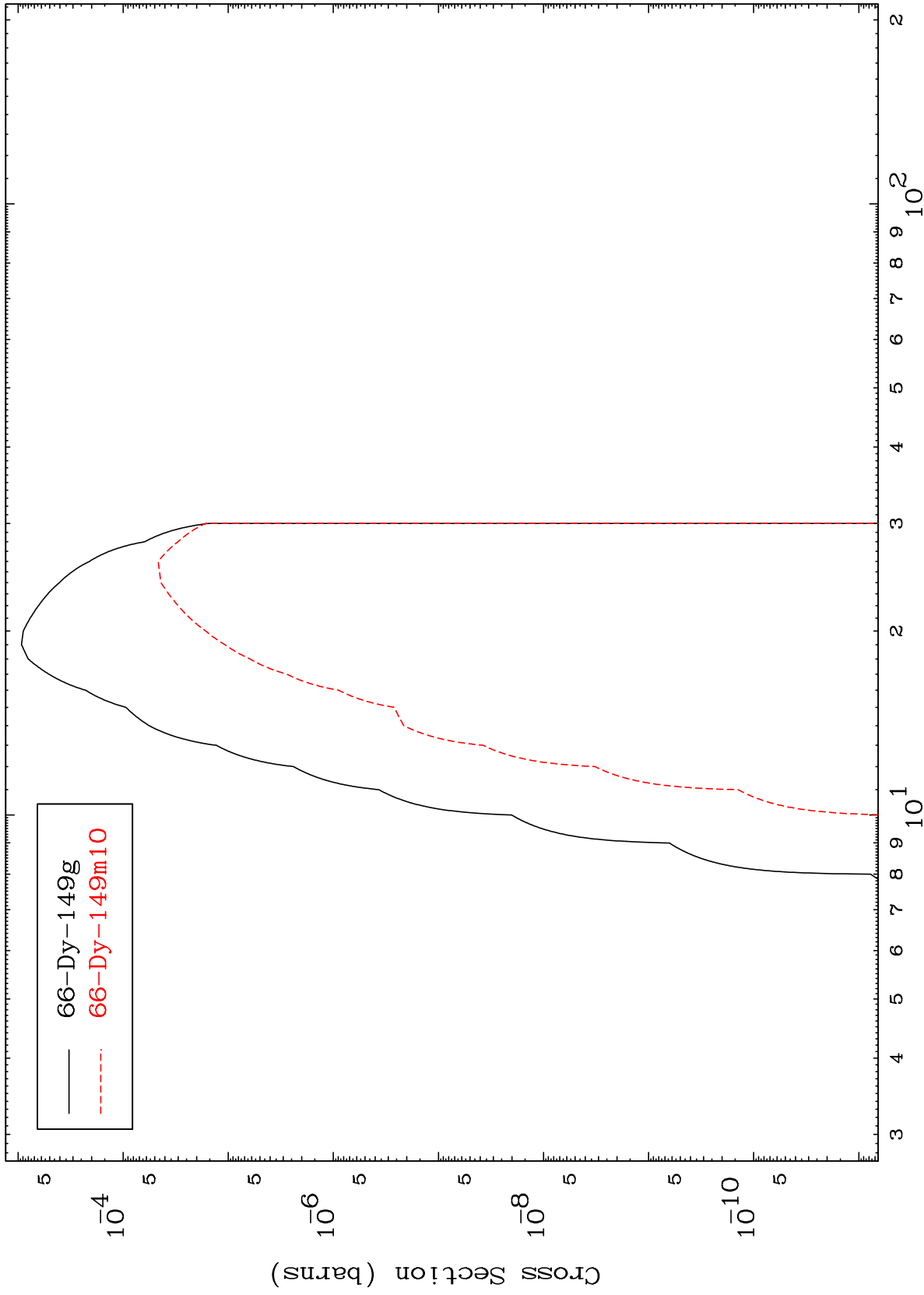
64-Gd-145



MAT 6404

64-Gd-145

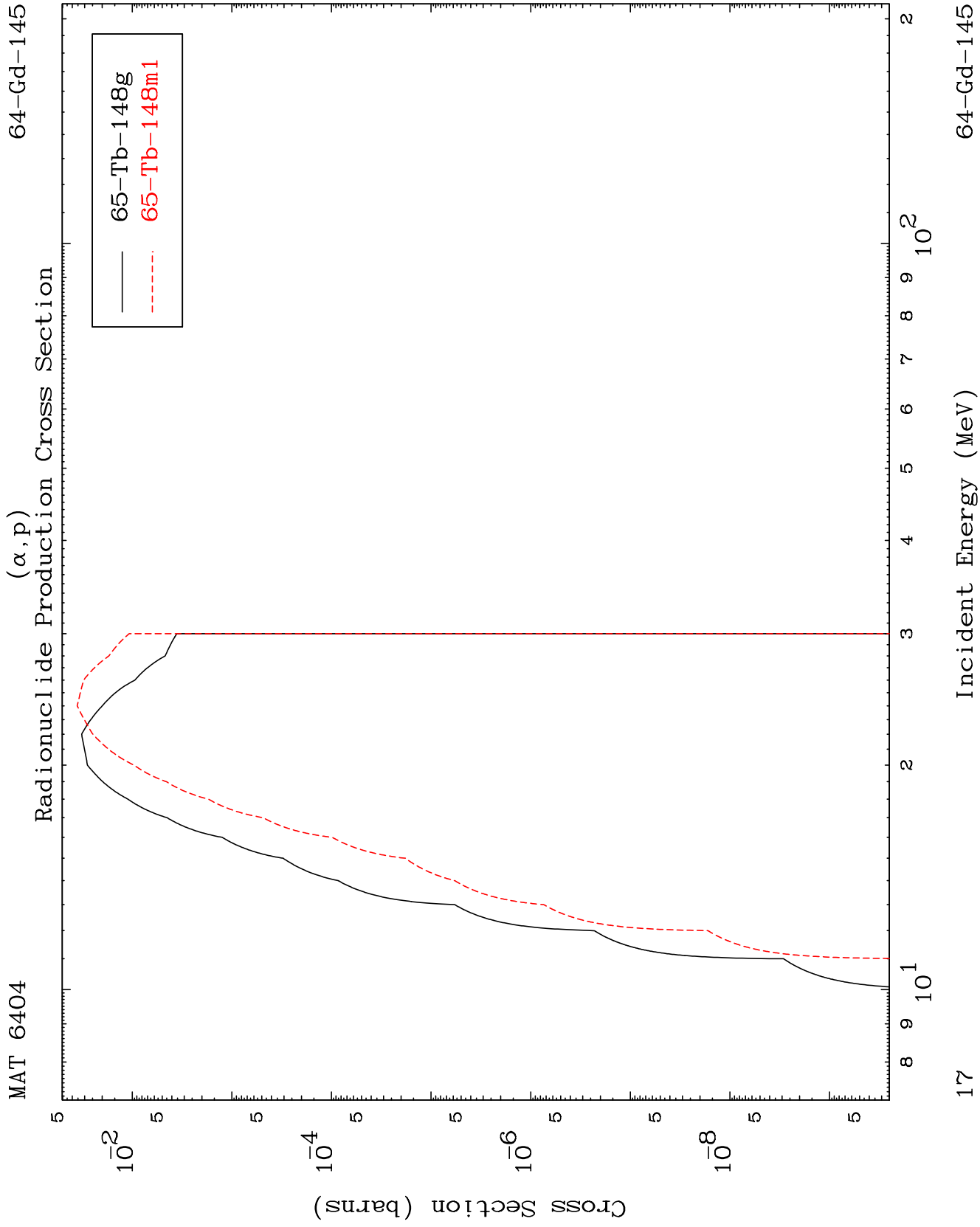
(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

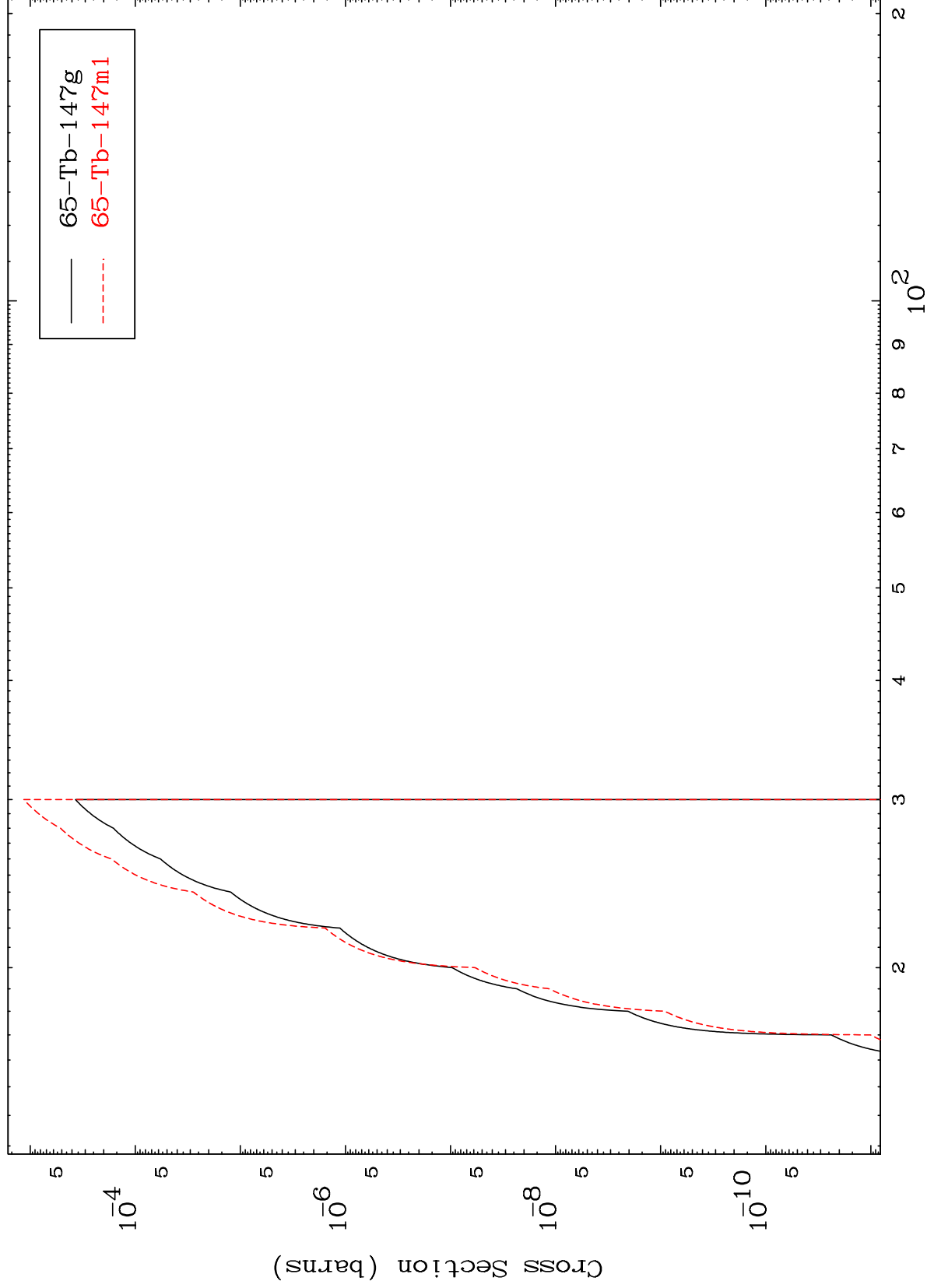
64-Gd-145



MAT 6404

(α, d)
Radionuclide Production Cross Section

64-Gd-145

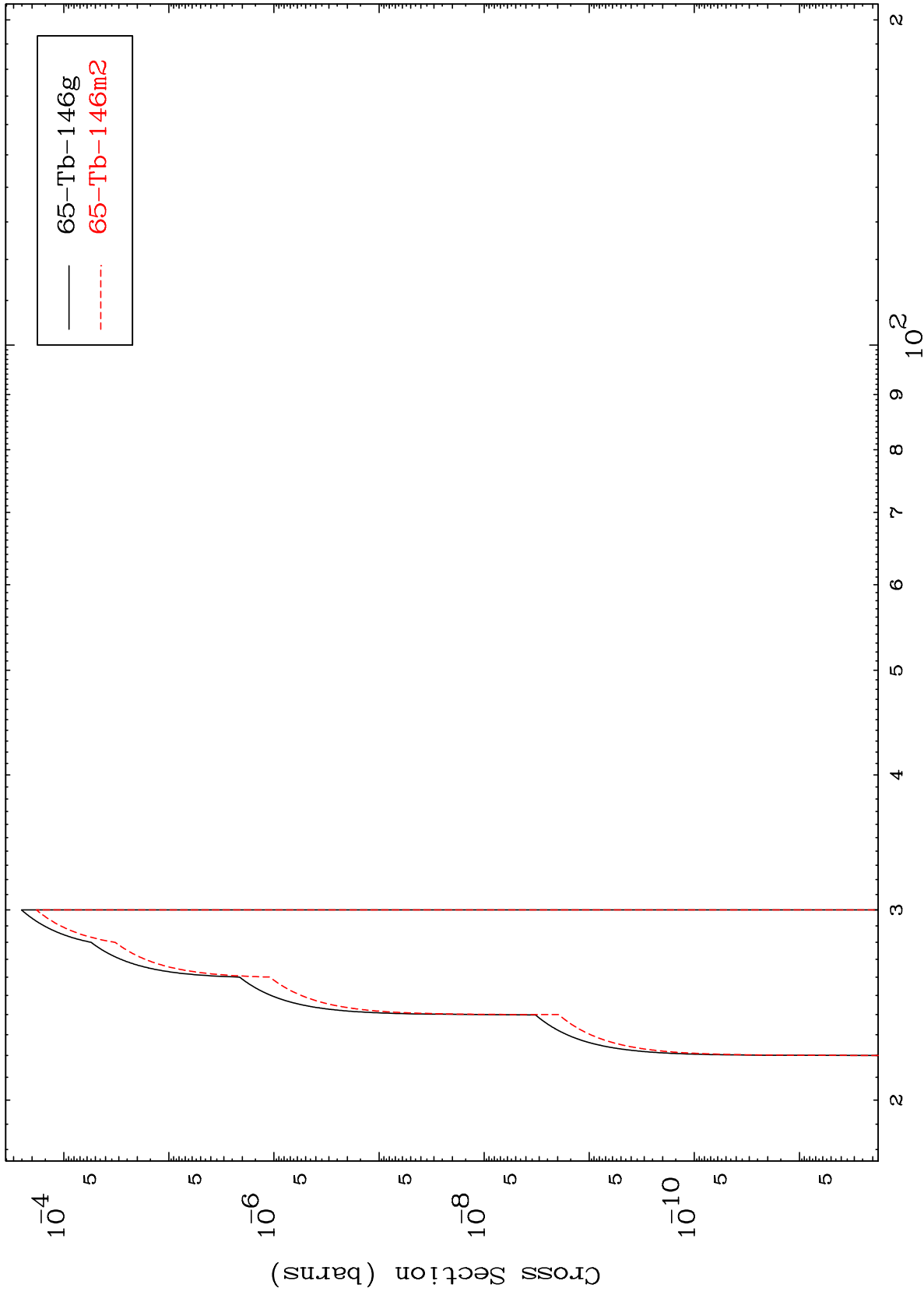


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Incident Energy (MeV)

64-Gd-145

Radionuclide Production Cross Section
(α, t)

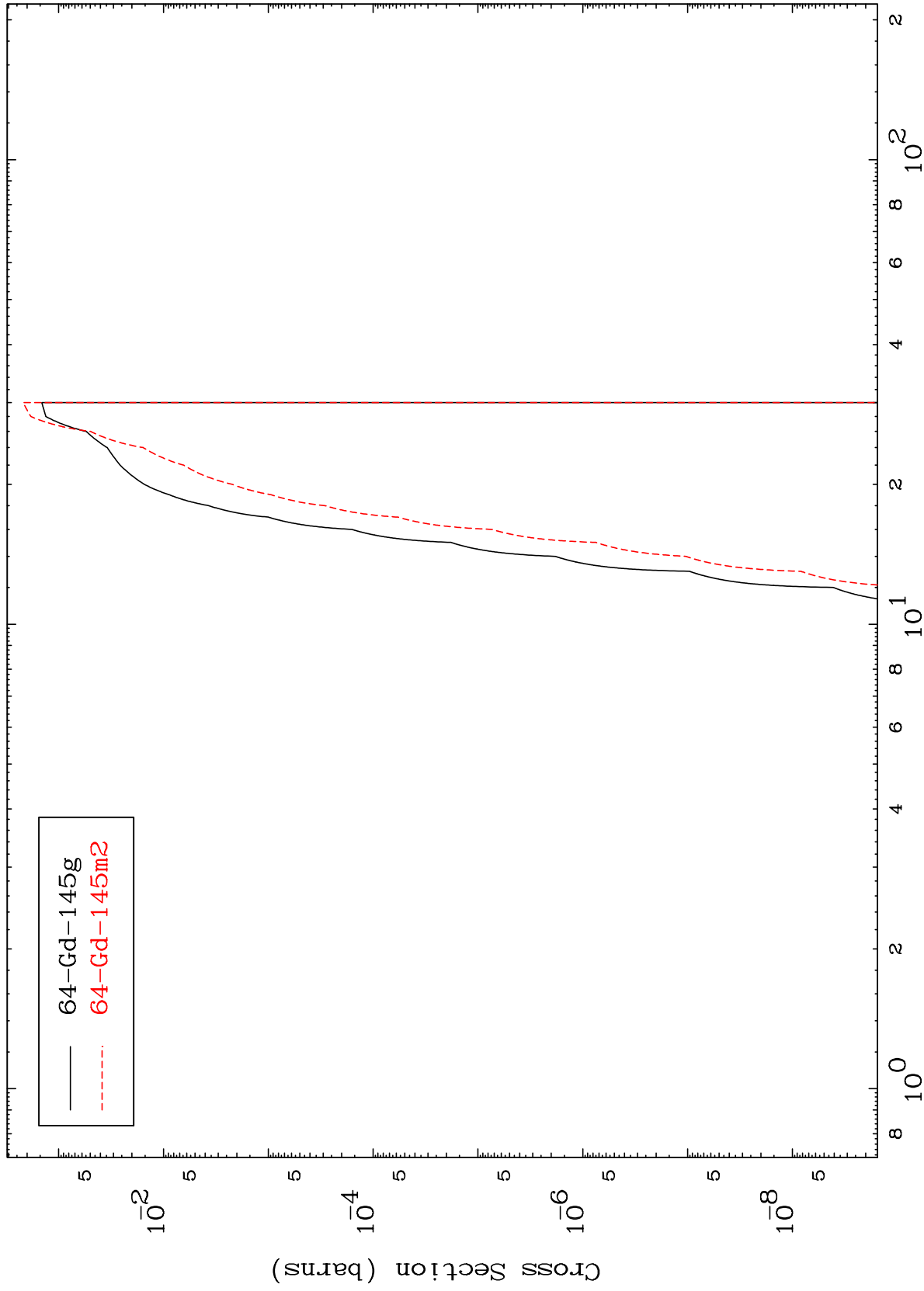


MAT 6404

(α, α)

64-Gd-145

Radionuclide Production Cross Section



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Incident Energy (MeV)

64-Gd-145

MAT 6404

($\alpha, 2\alpha$)

64-Gd-145

Radionuclide Production Cross Section

