

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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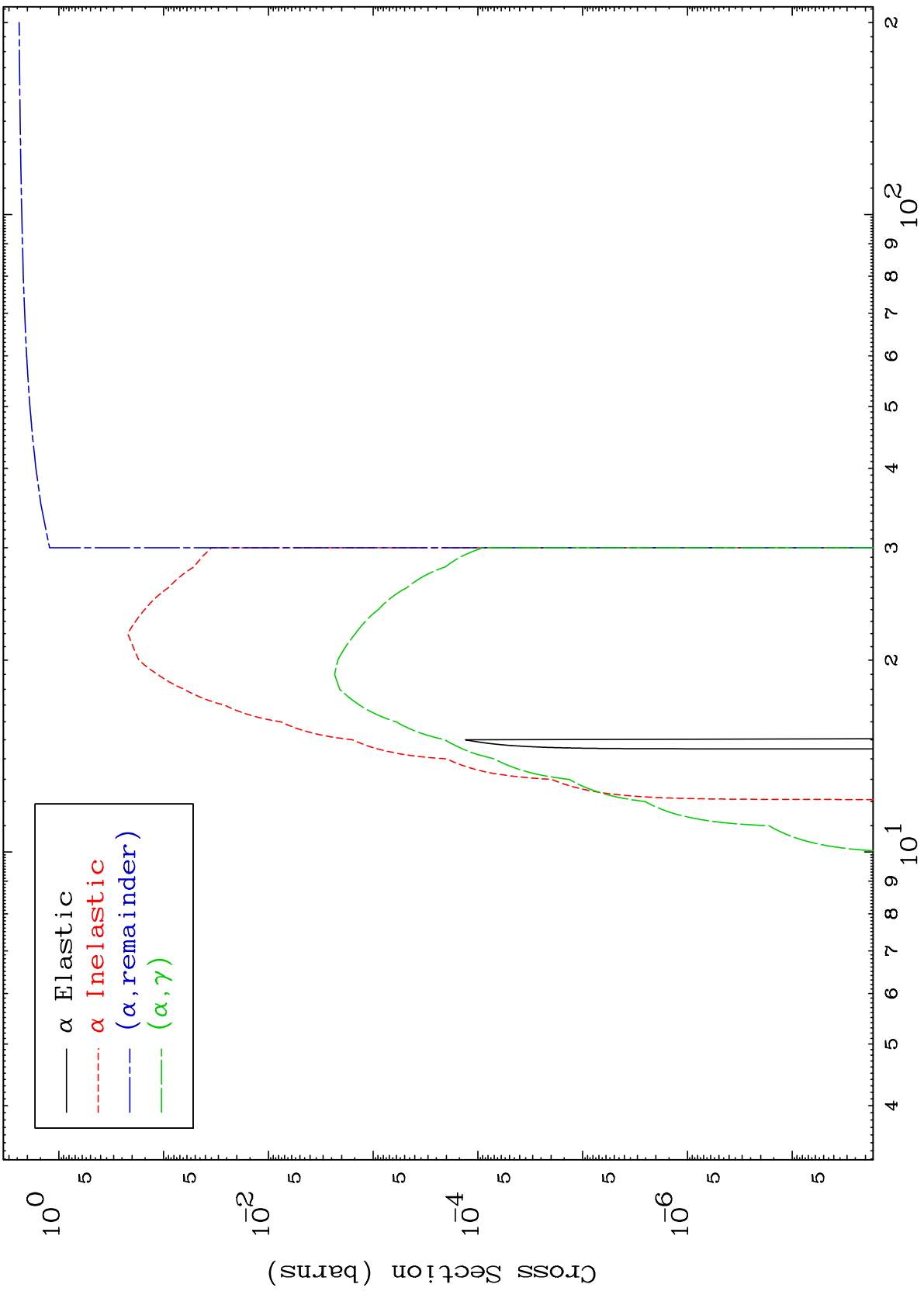
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

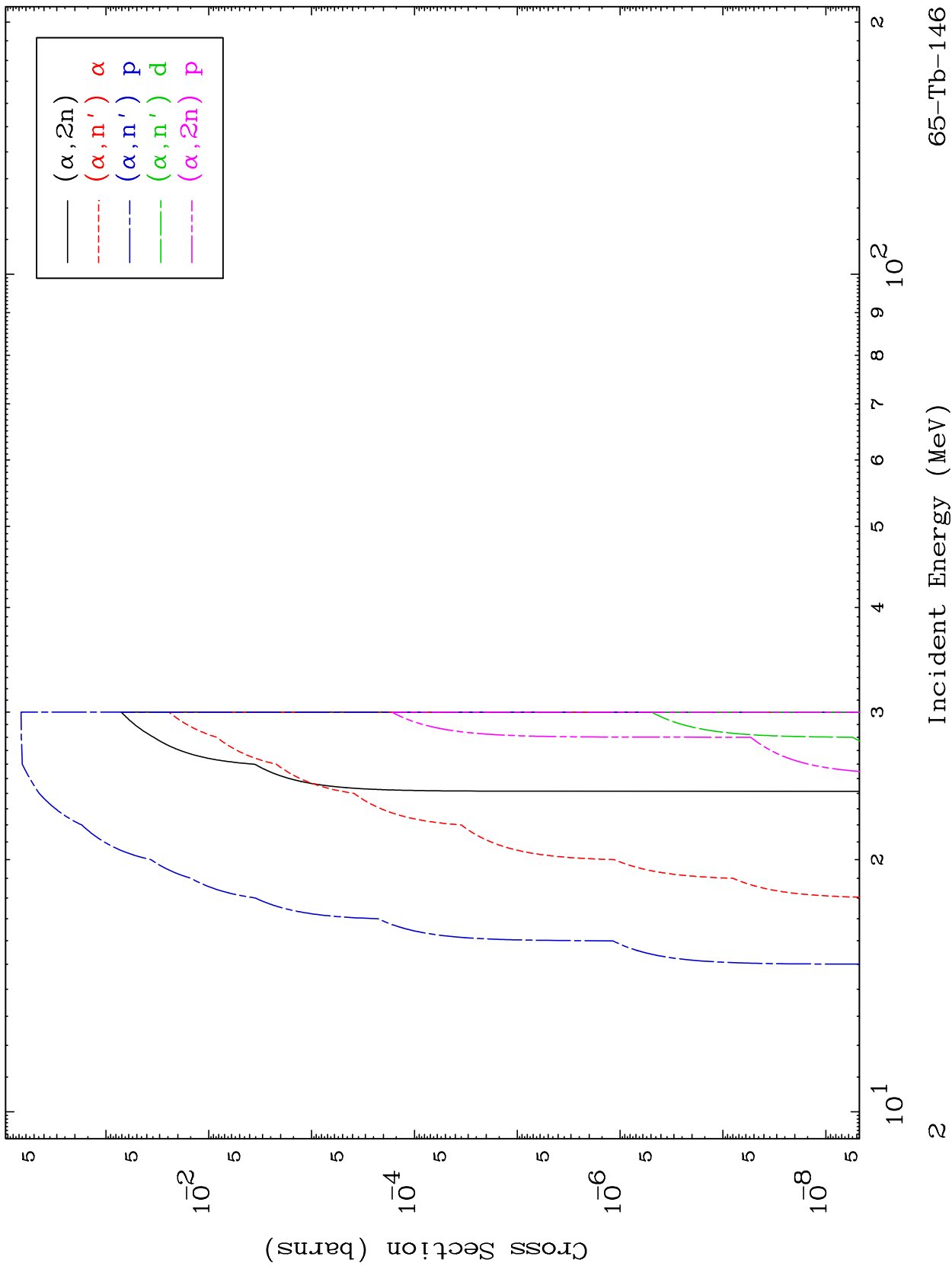
0 Kelvin Cross Sections



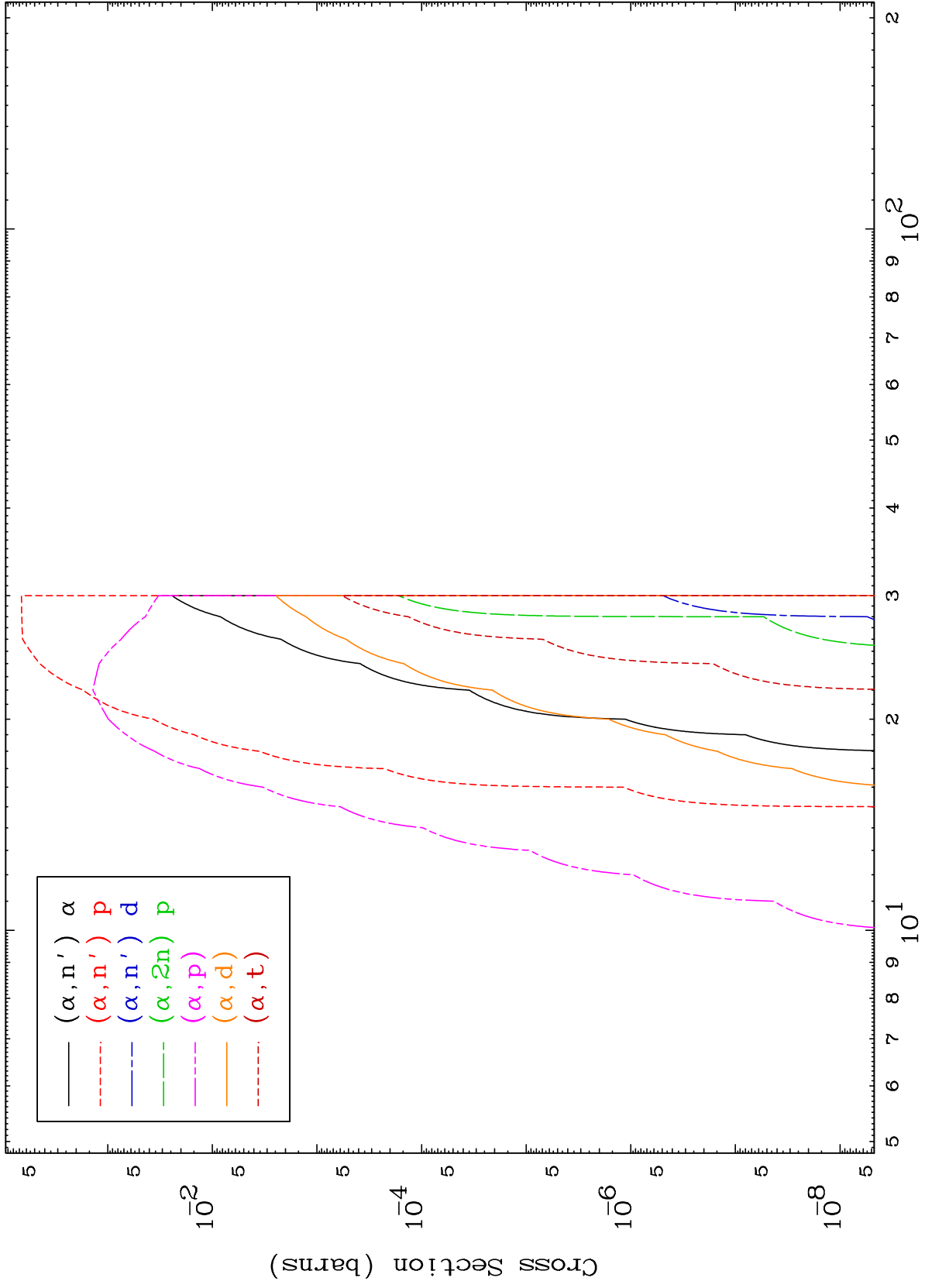
MAT 6486

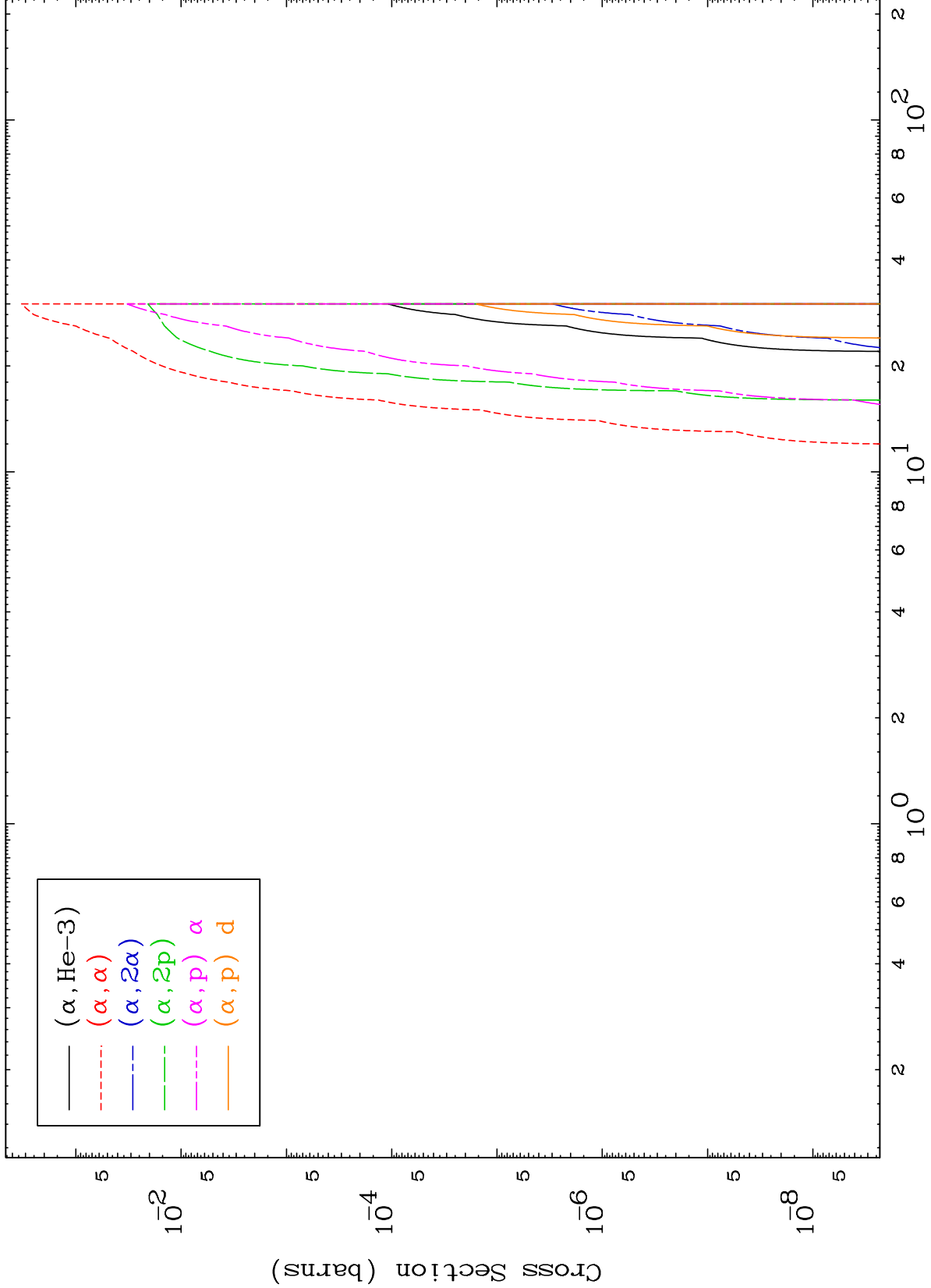
α Neutron Production
0 Kelvin Cross Sections

65-Tb-146



65-Tb-146



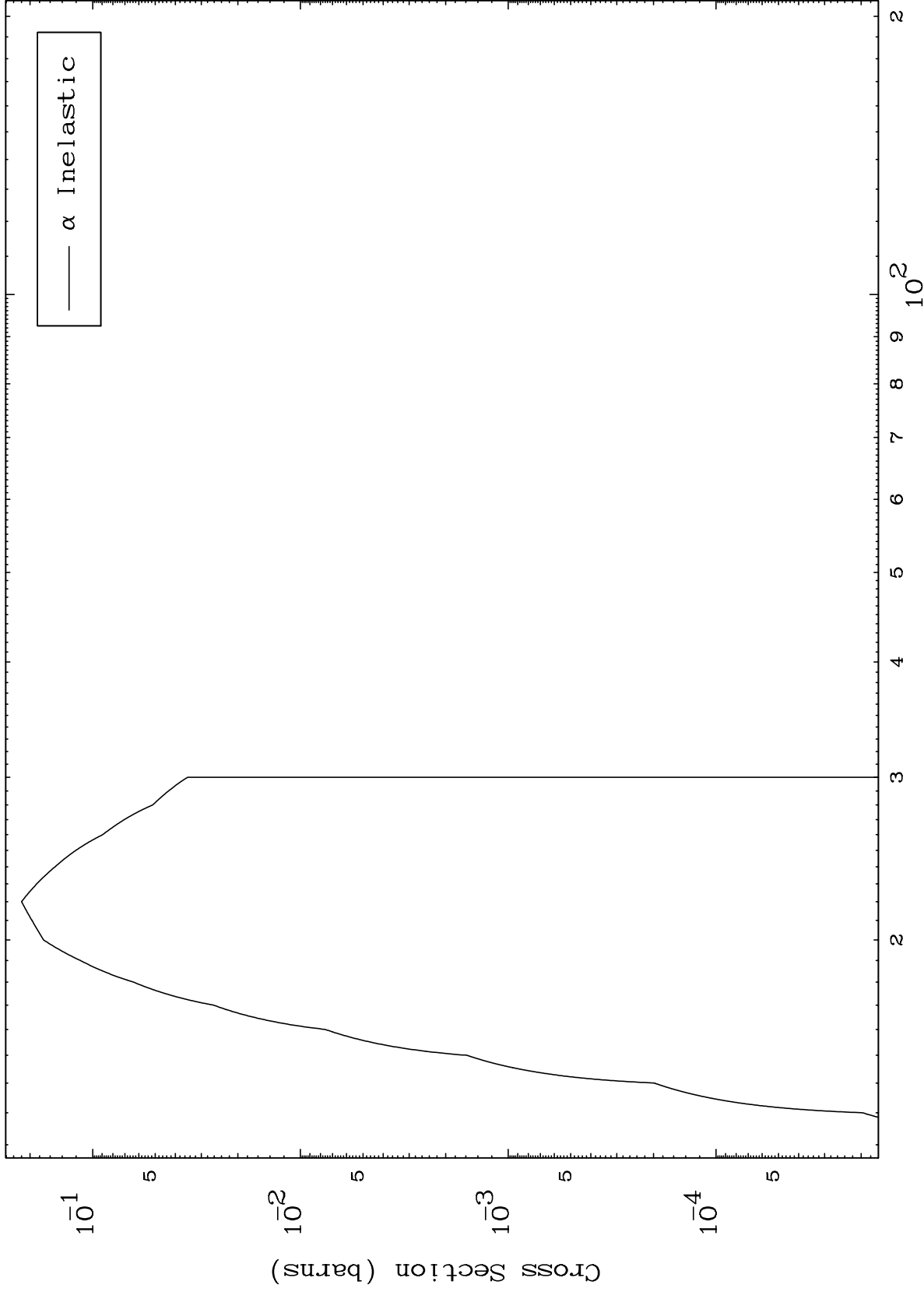


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(α, n') Level

65-Tb-146

0 Kelvin Cross Sections



5

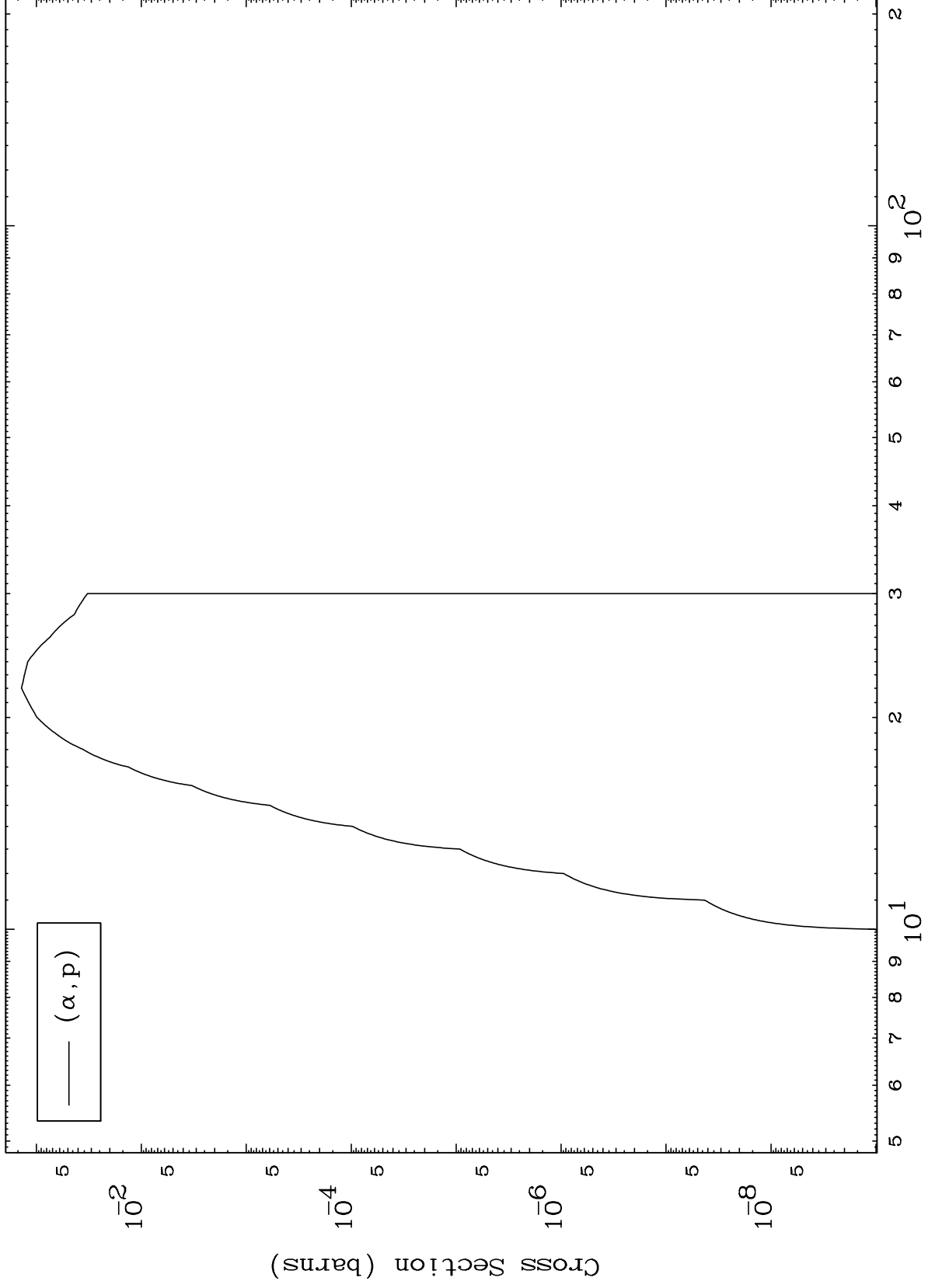
Incident Energy (MeV)

65-Tb-146

MAT 6486

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-146



6

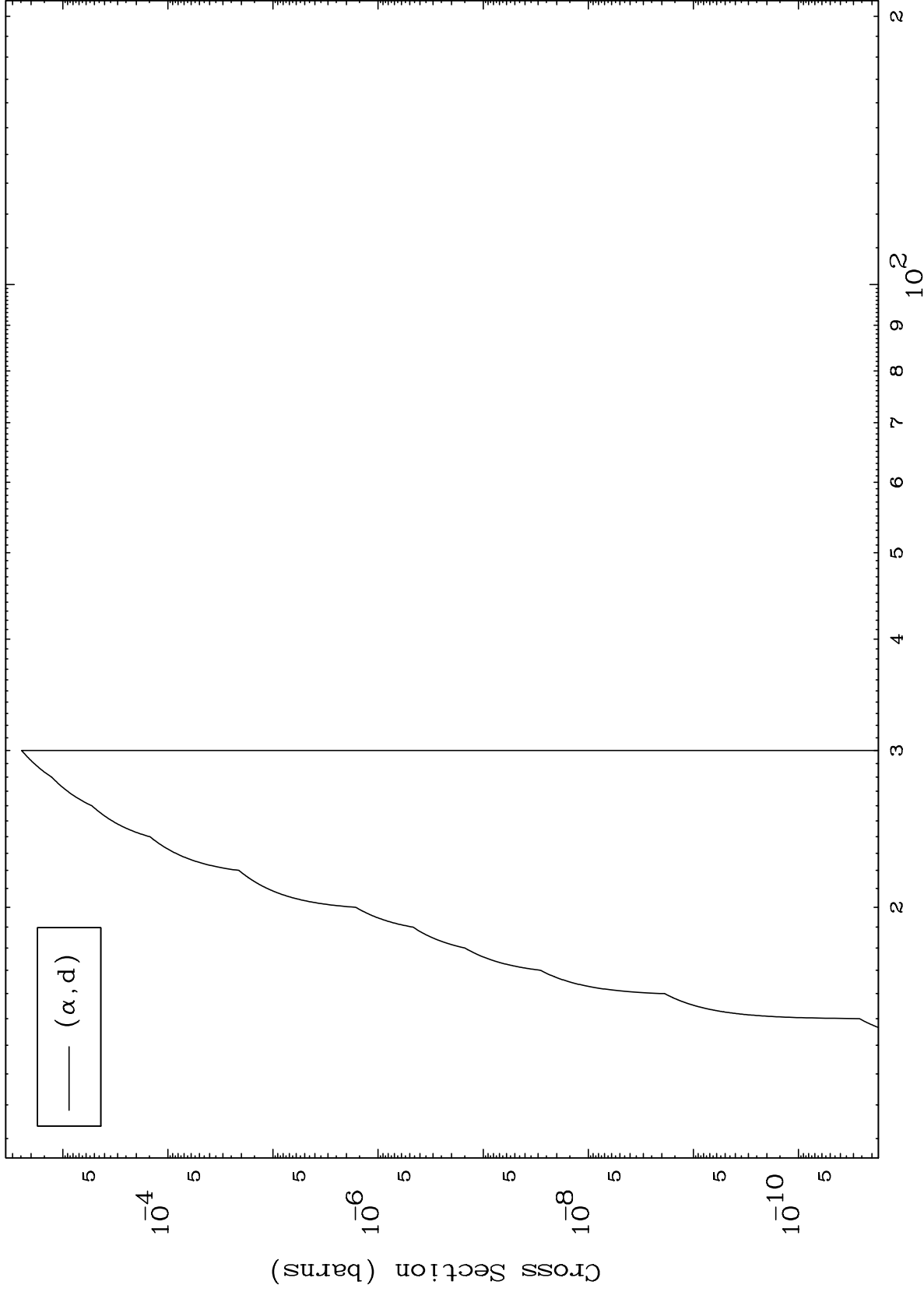
Incident Energy (MeV)

65-Tb-146

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(α, d) Levels
0 Kelvin Cross Sections

65-Tb-146



7

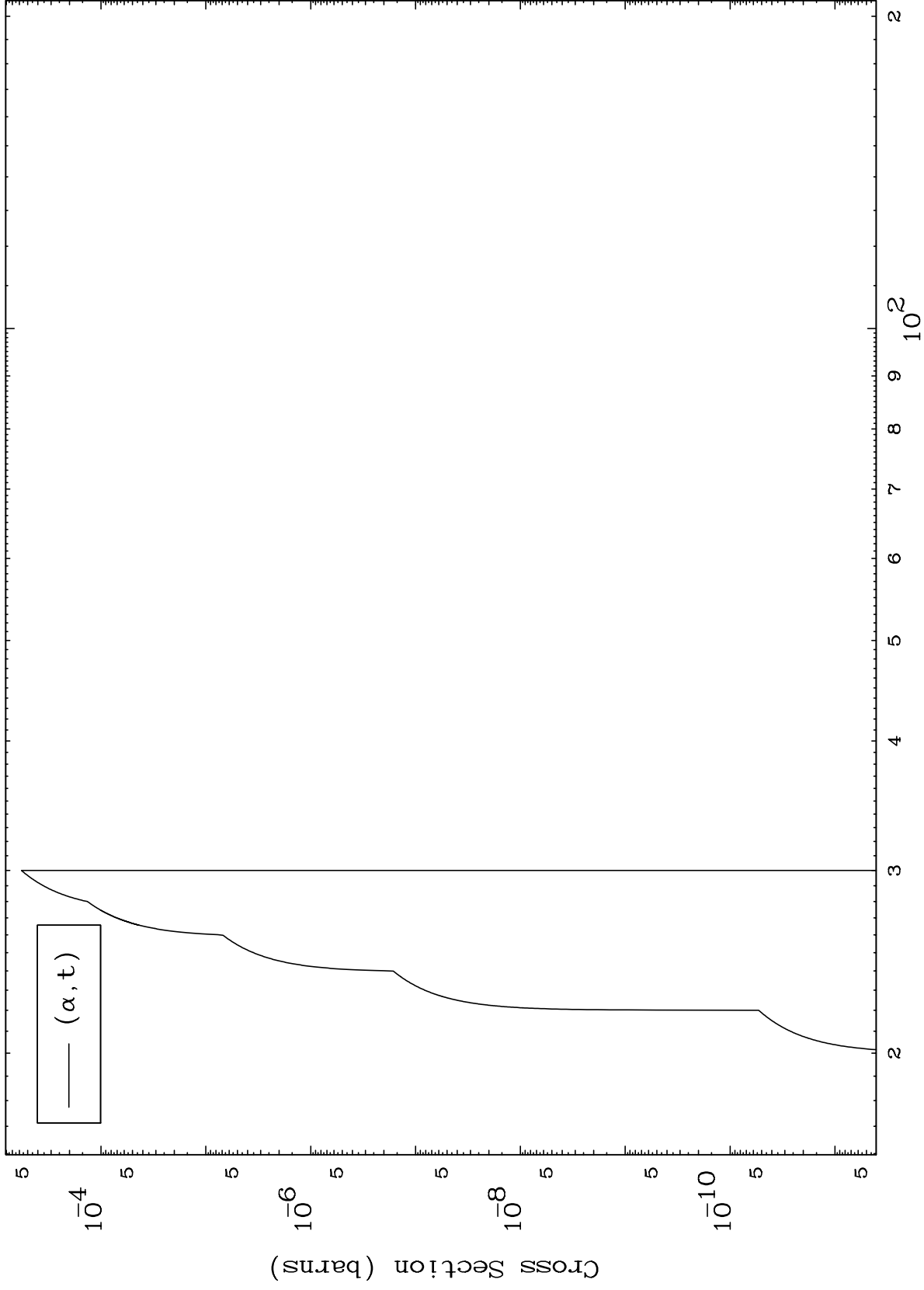
Incident Energy (MeV)

65-Tb-146

MAT 6486

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-146



8

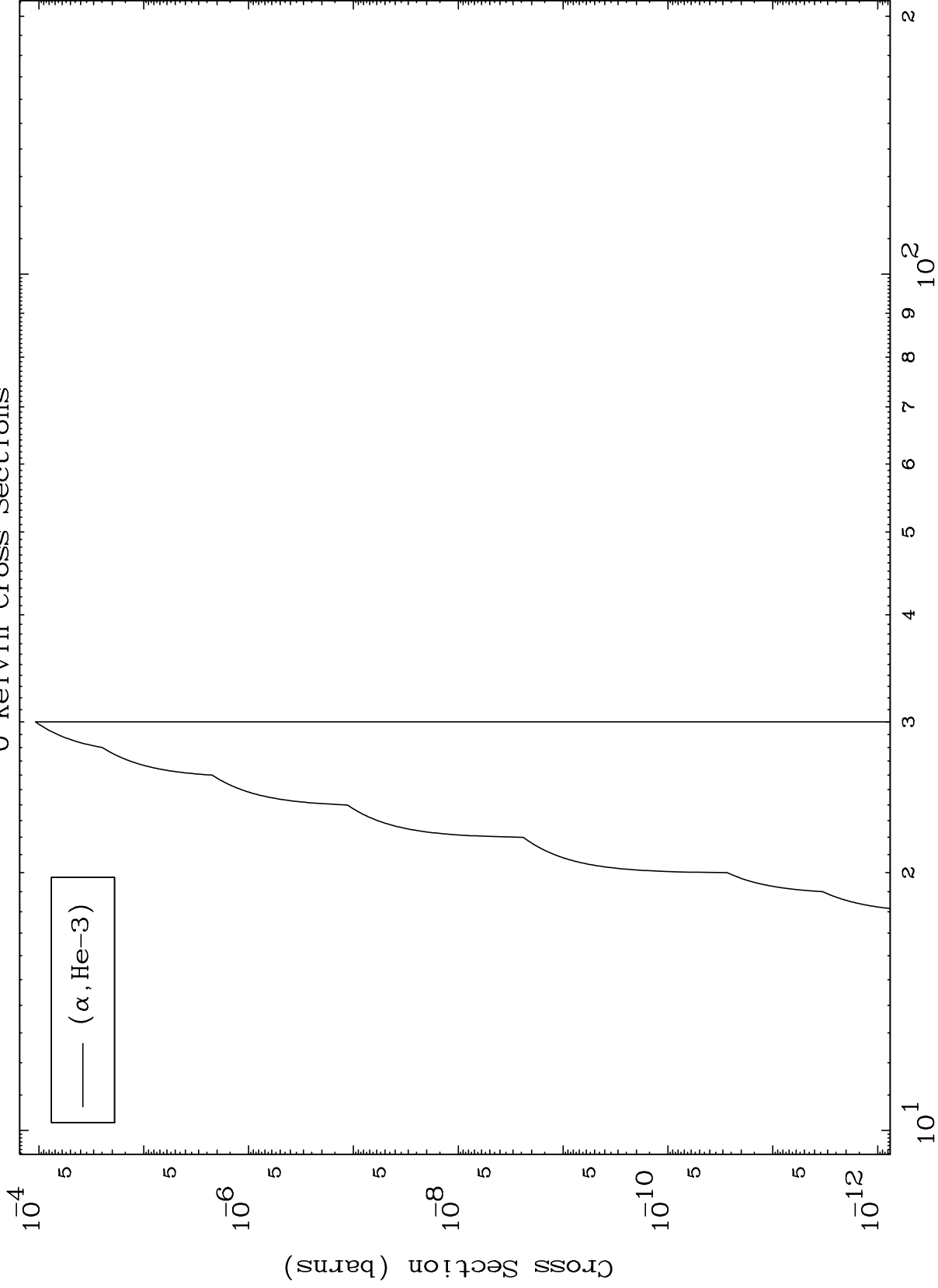
Incident Energy (MeV)

65-Tb-146

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(α , He3) Levels
0 Kelvin Cross Sections

65-Tb-146



Incident Energy (MeV)

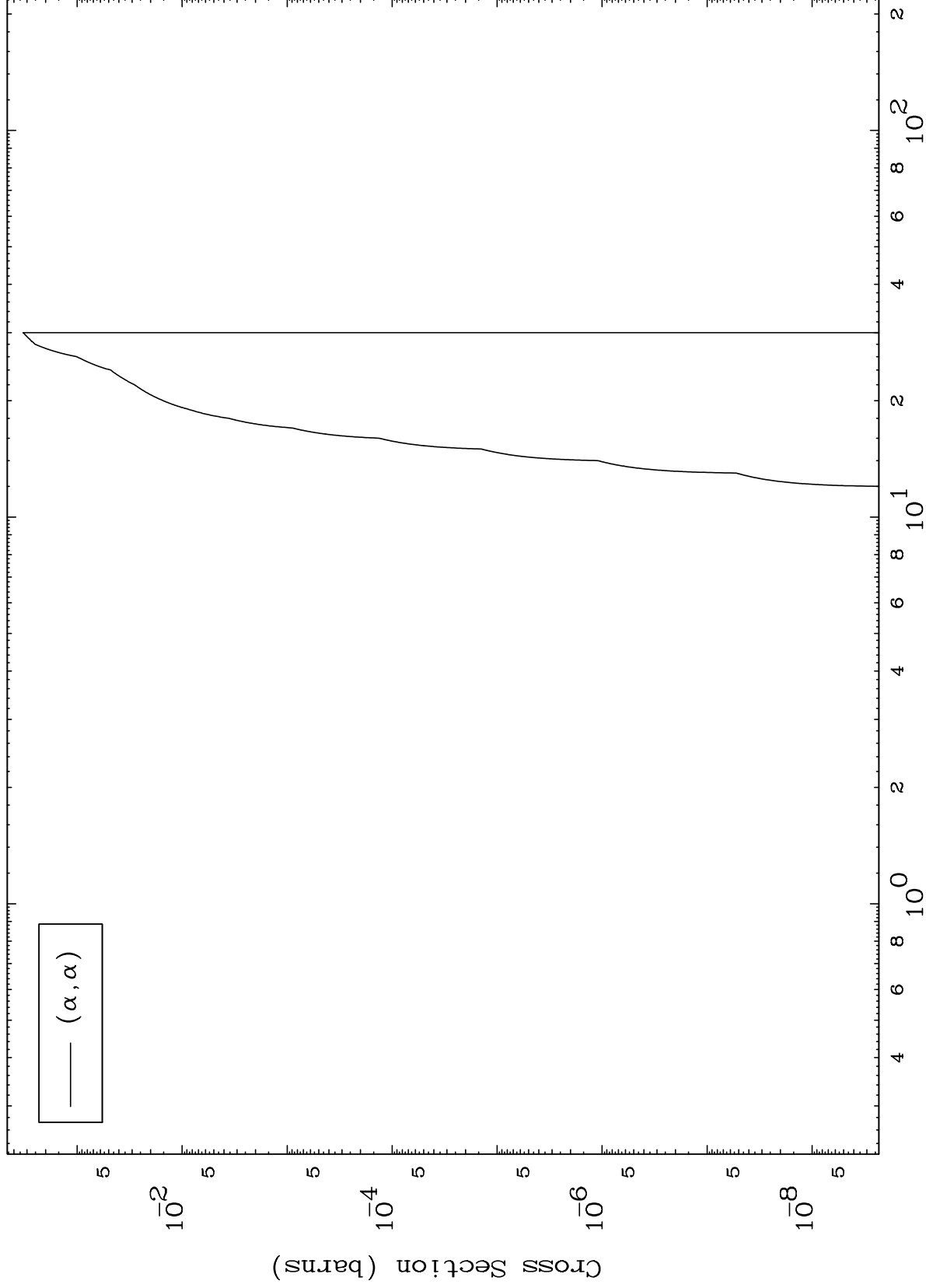
65-Tb-146

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(α, α) Levels

65-Tb-146

0 Kelvin Cross Sections



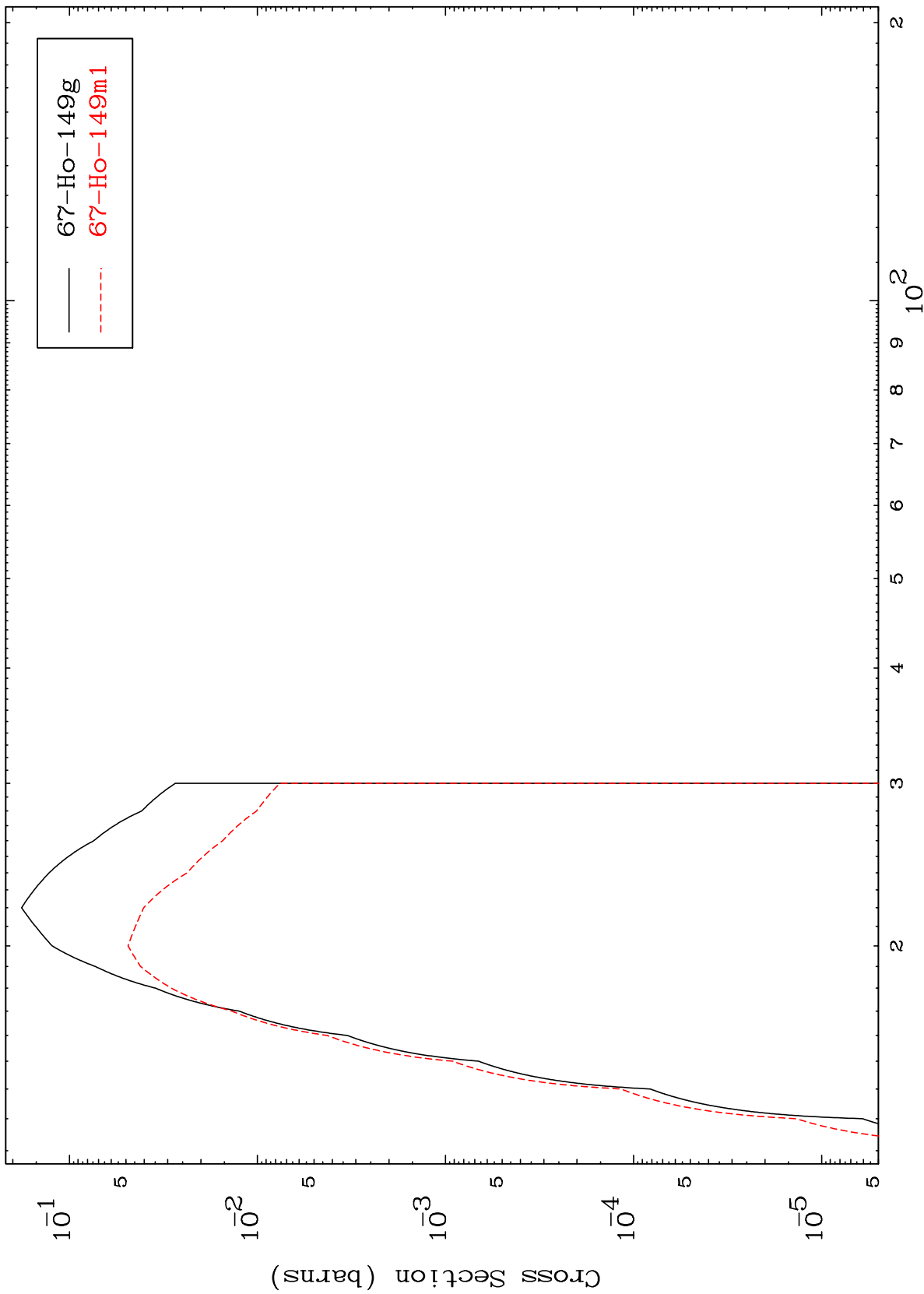
10

Incident Energy (MeV)

65-Tb-146

Radionuclide Production Cross Section

α Inelastic

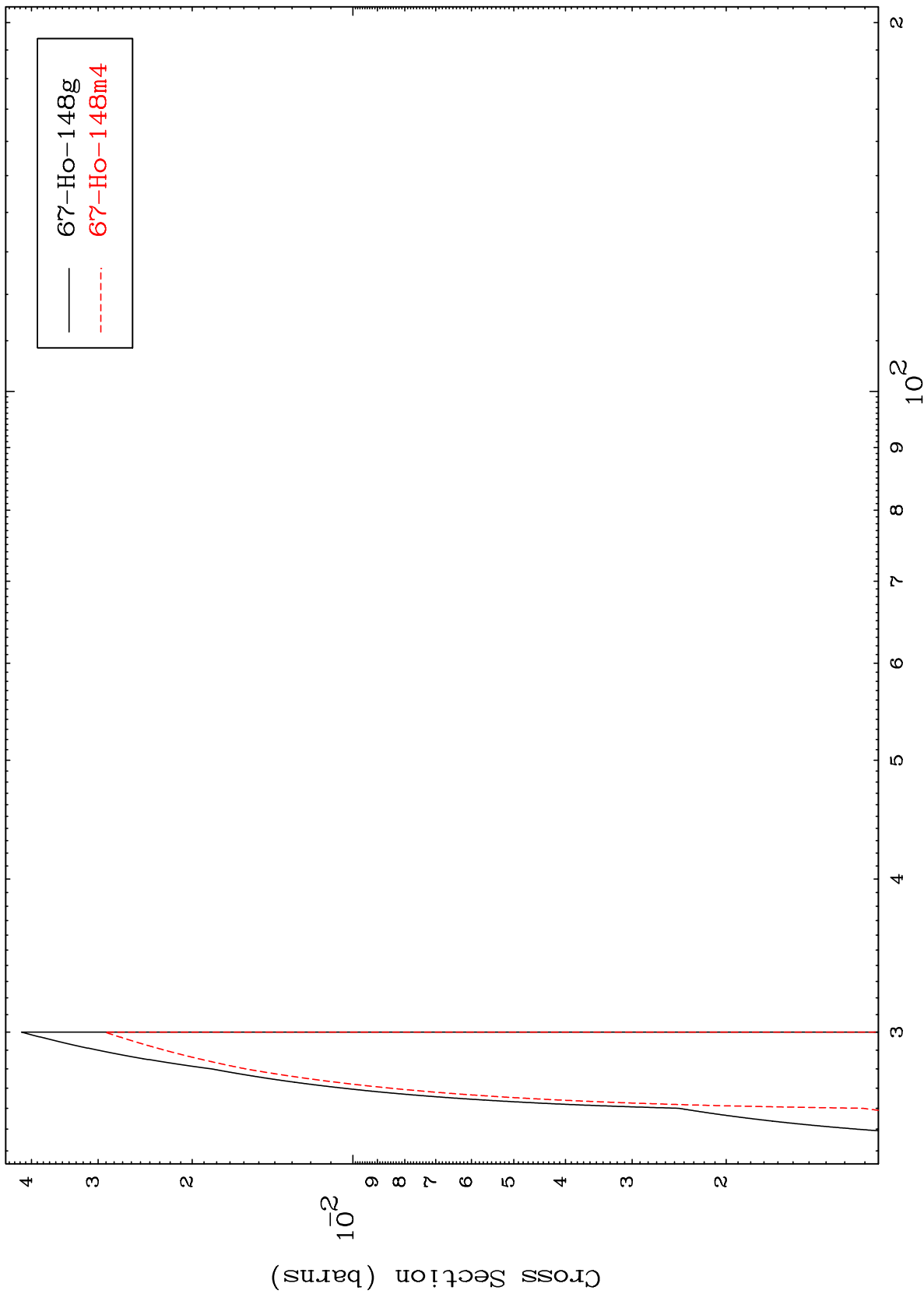


67-Ho-149g
67-Ho-149m1

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65-Tb-146

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



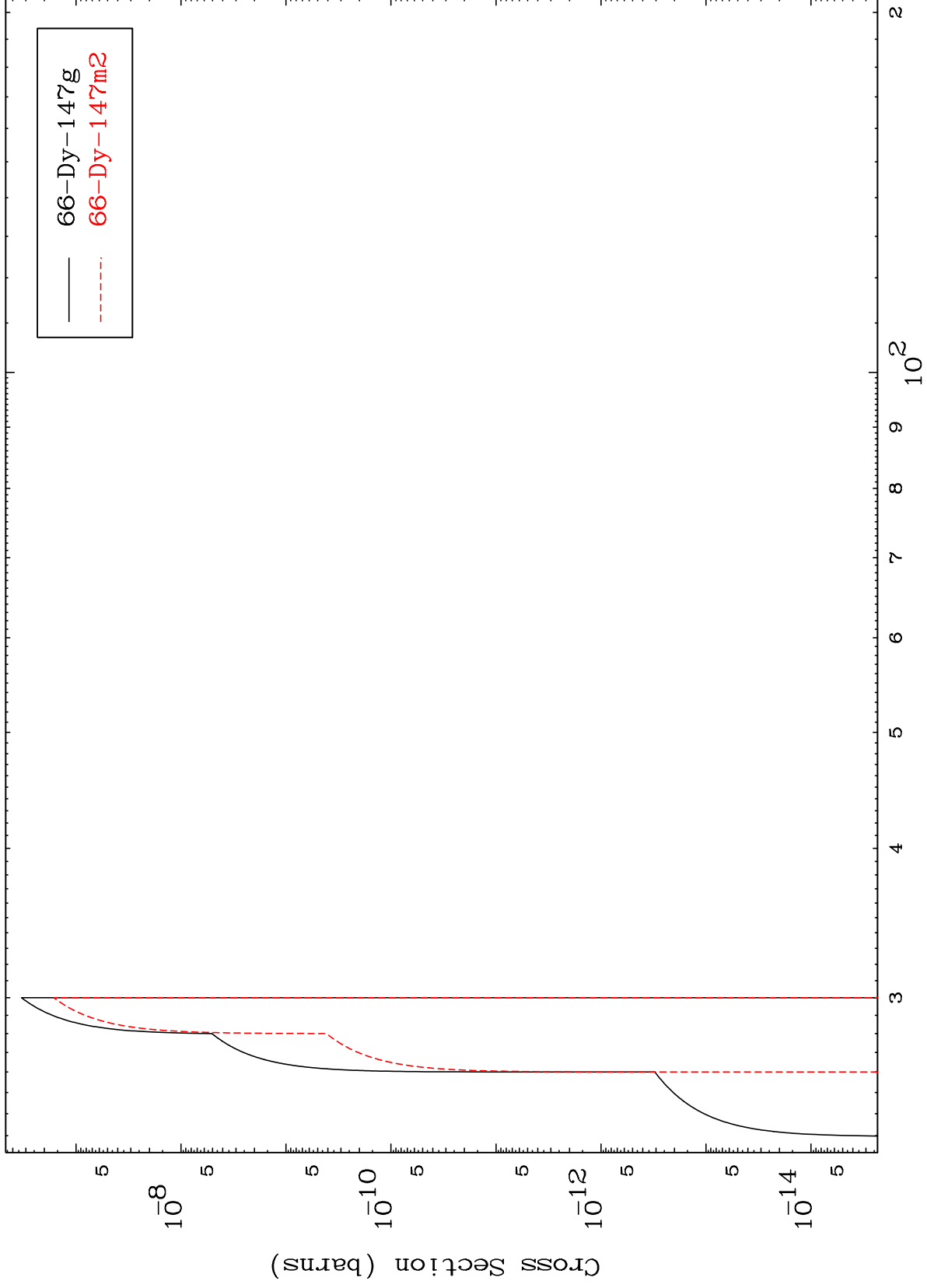
— $^{67}\text{Ho-148g}$
- - - $^{67}\text{Ho-148m4}$

12

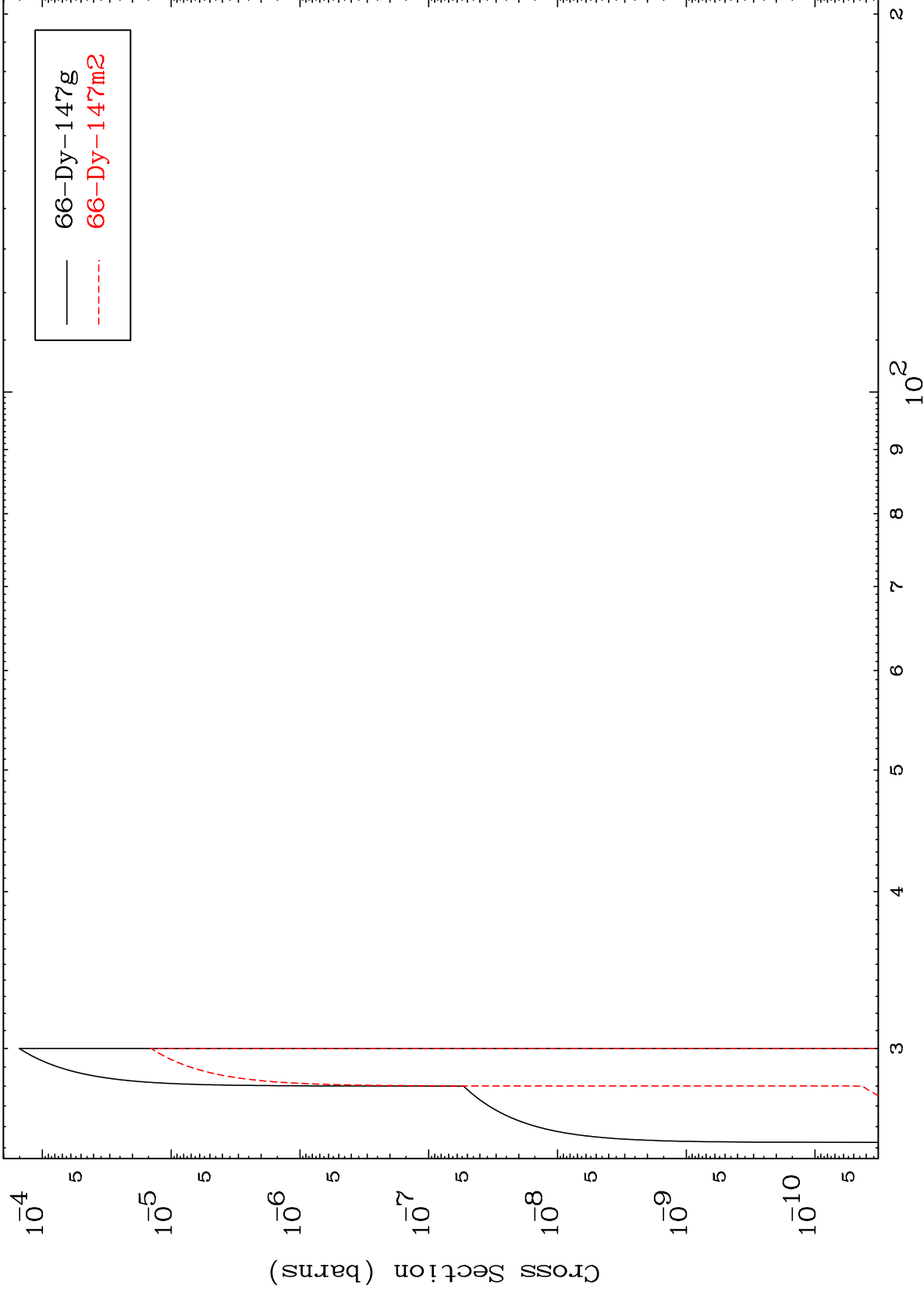
65-Tb-146

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

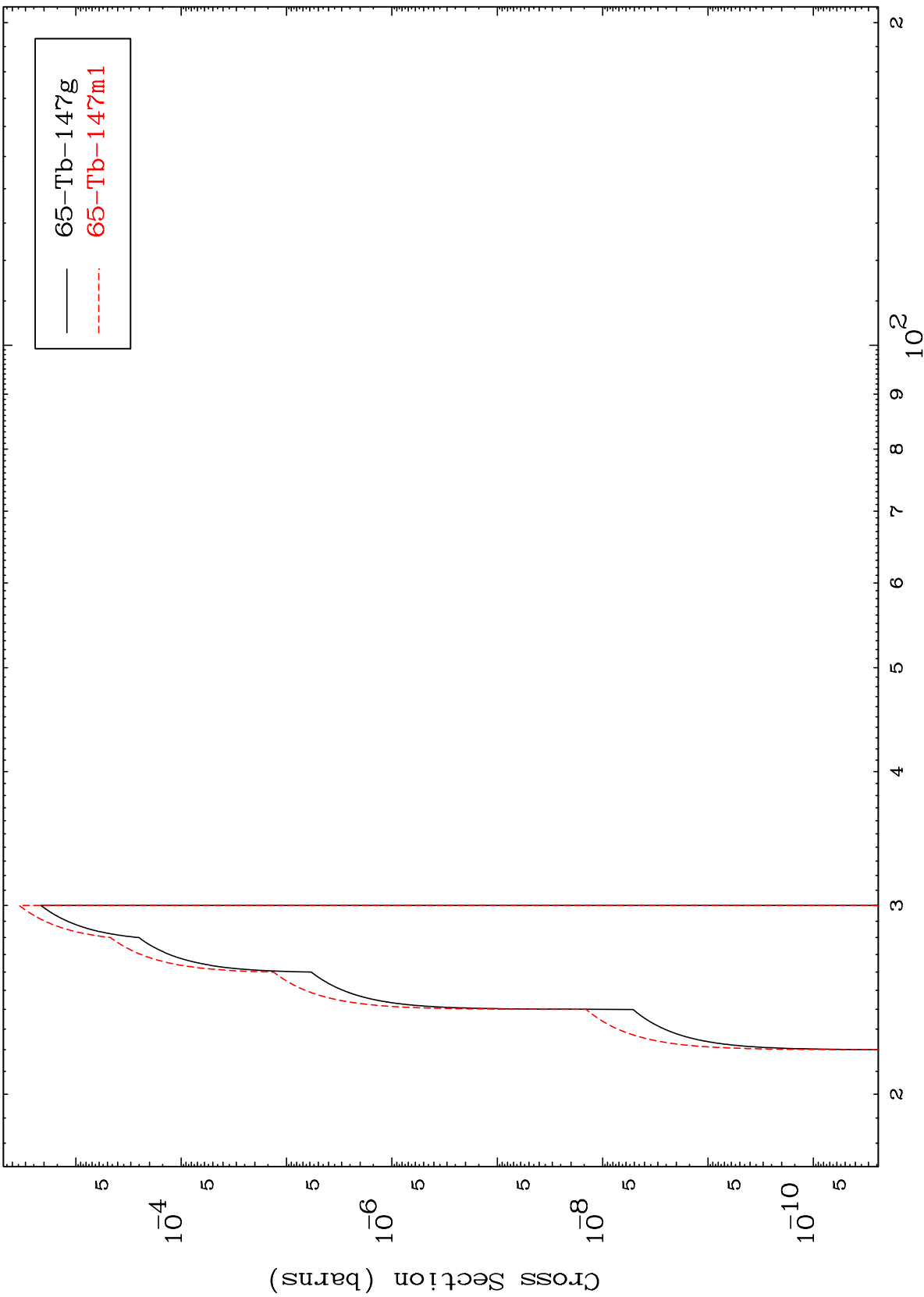


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($\alpha, 2n$) p

⁶⁵Tb-146

Radionuclide Production Cross Section



15

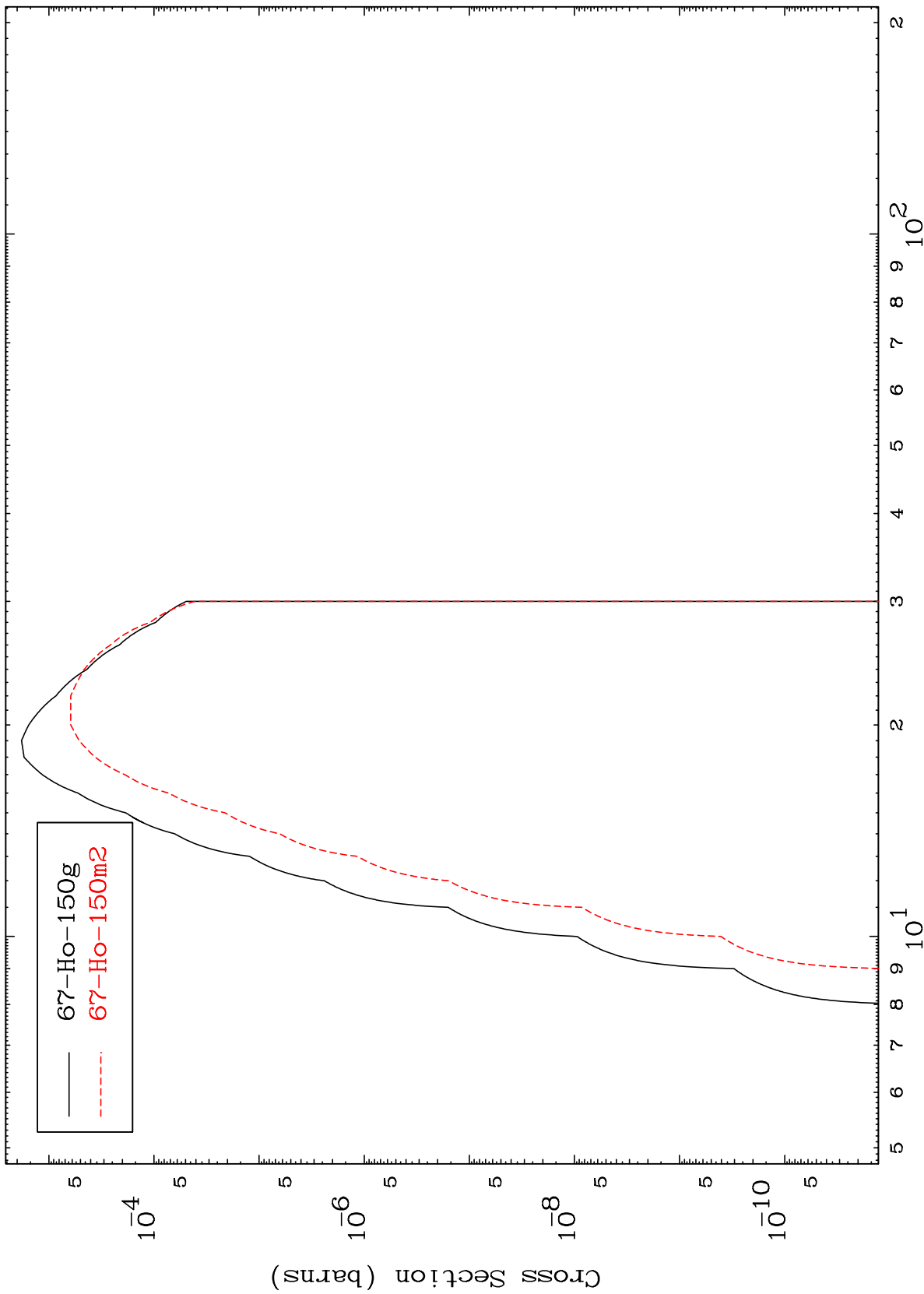
Incident Energy (MeV)

⁶⁵Tb-146

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65-Tb-146

(α, γ)
Radionuclide Production Cross Section



16

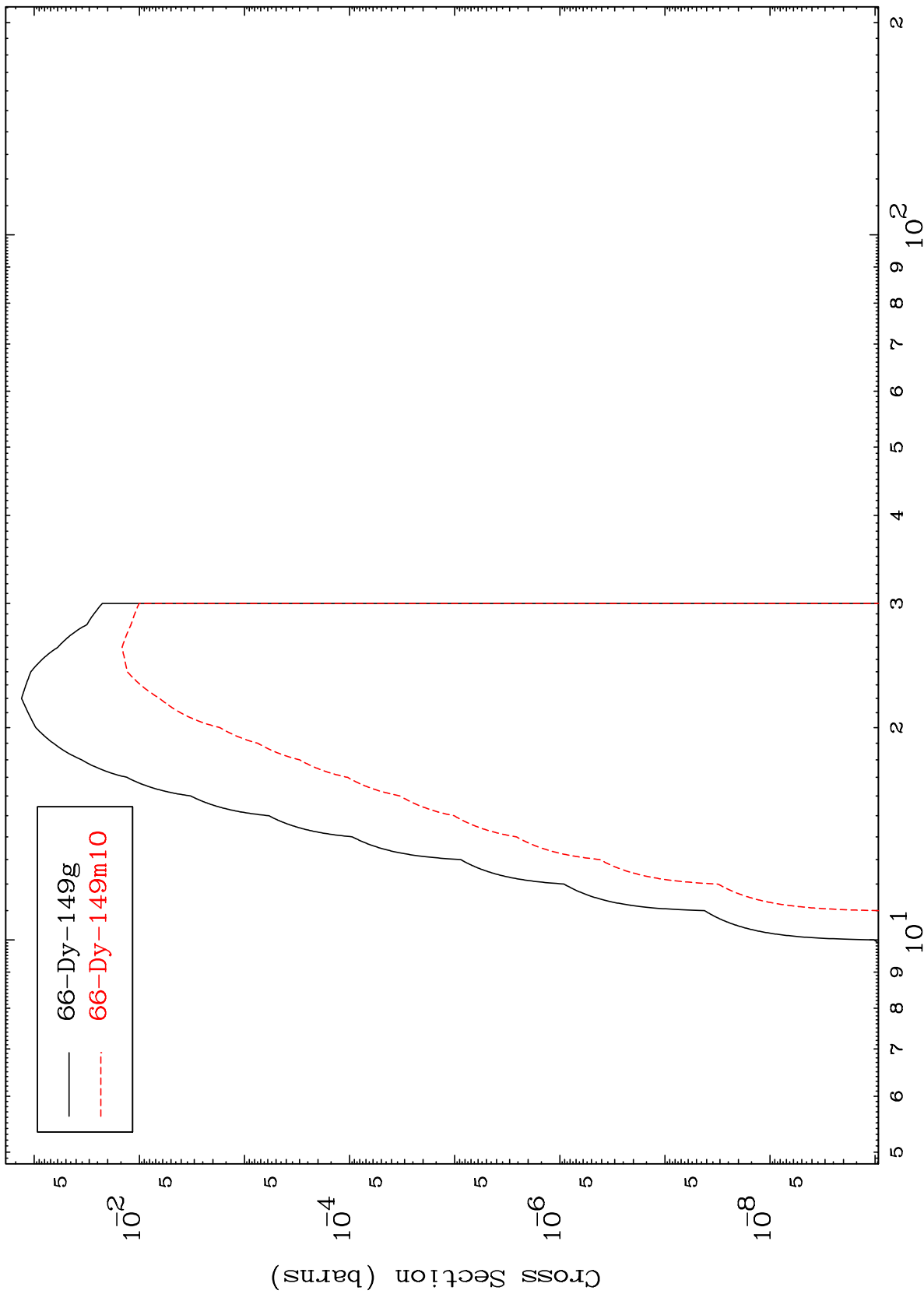
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

(α, p)
Radionuclide Production Cross Section



66-Dy-149g
66-Dy-149m10

65-Tb-146

Incident Energy (MeV)

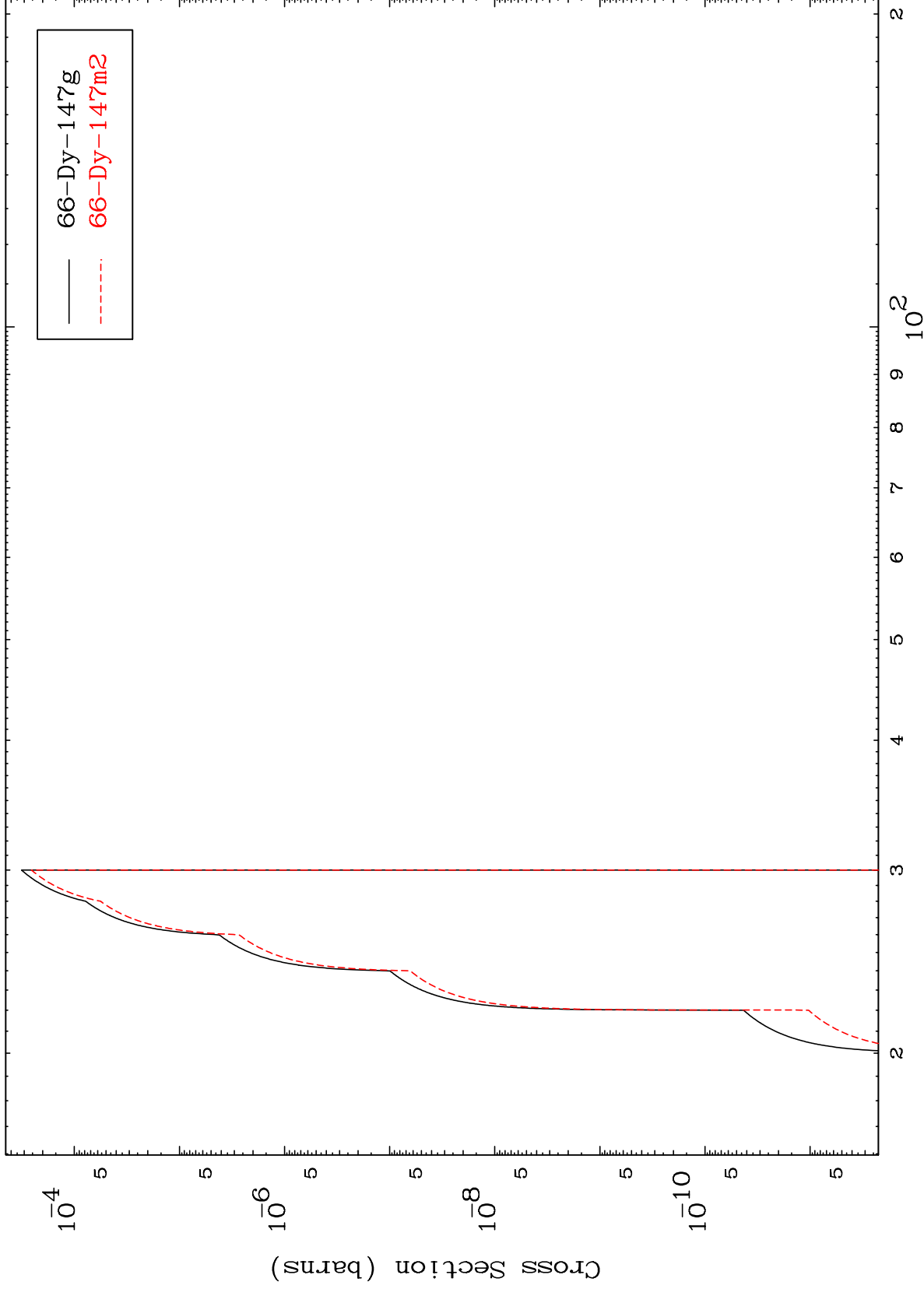
17

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(α, t)

65-Tb-146

Radionuclide Production Cross Section



18

Incident Energy (MeV)

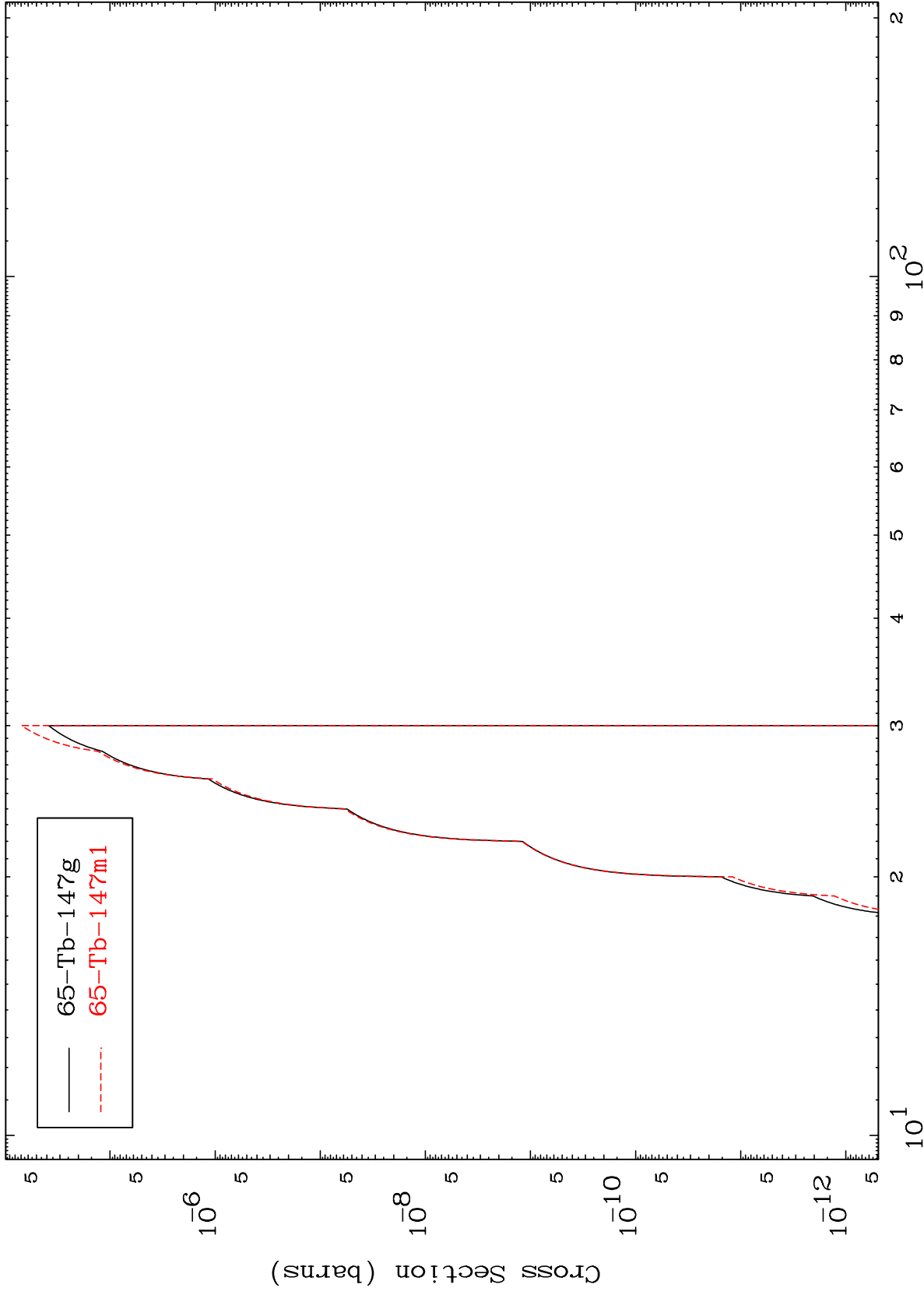
65-Tb-146

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(α ,He-3)

65-Tb-146

Radionuclide Production Cross Section



19

Incident Energy (MeV)

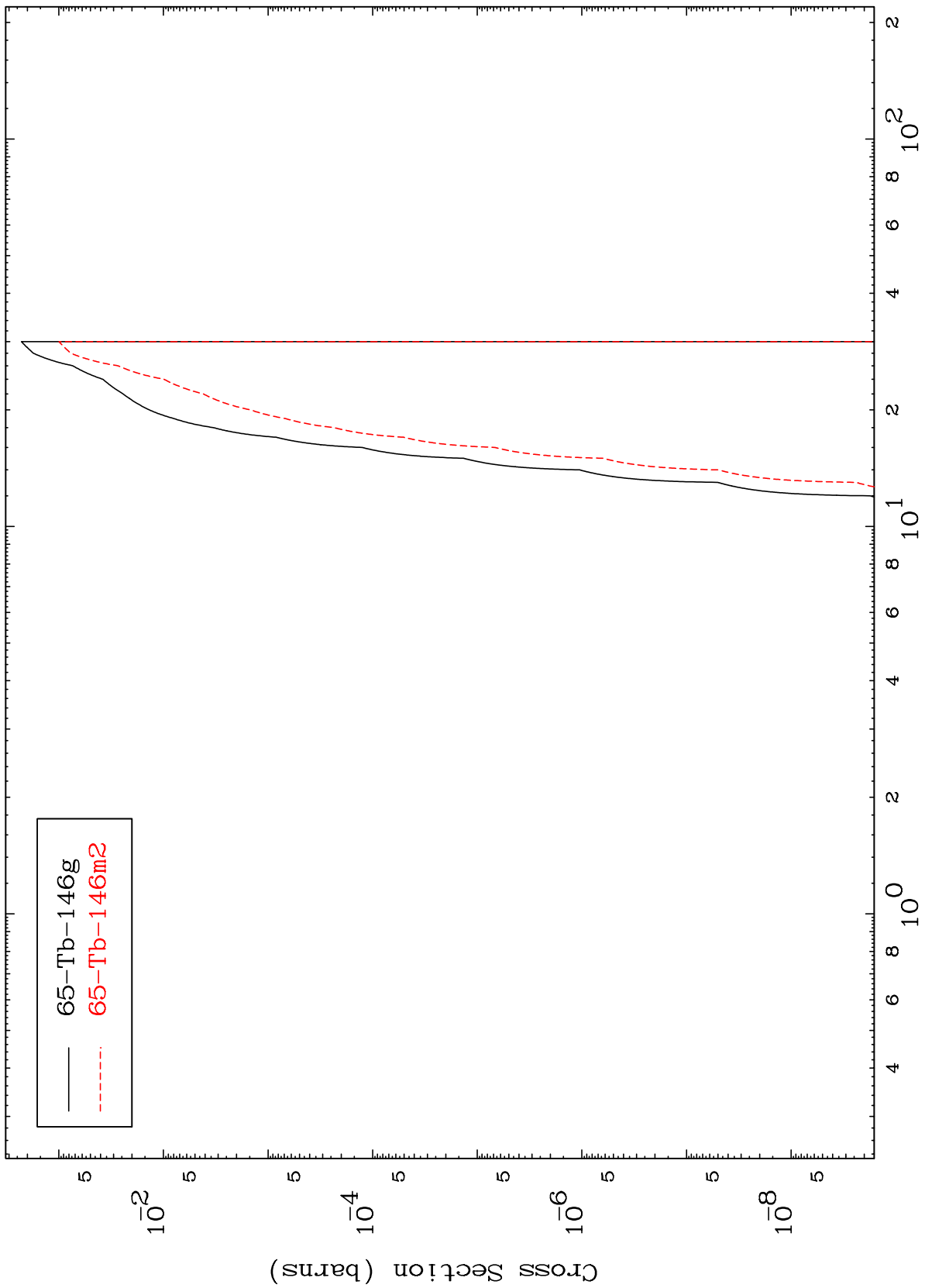
65-Tb-146

MAT 6486

(α, α)

⁶⁵Tb-146

Radionuclide Production Cross Section

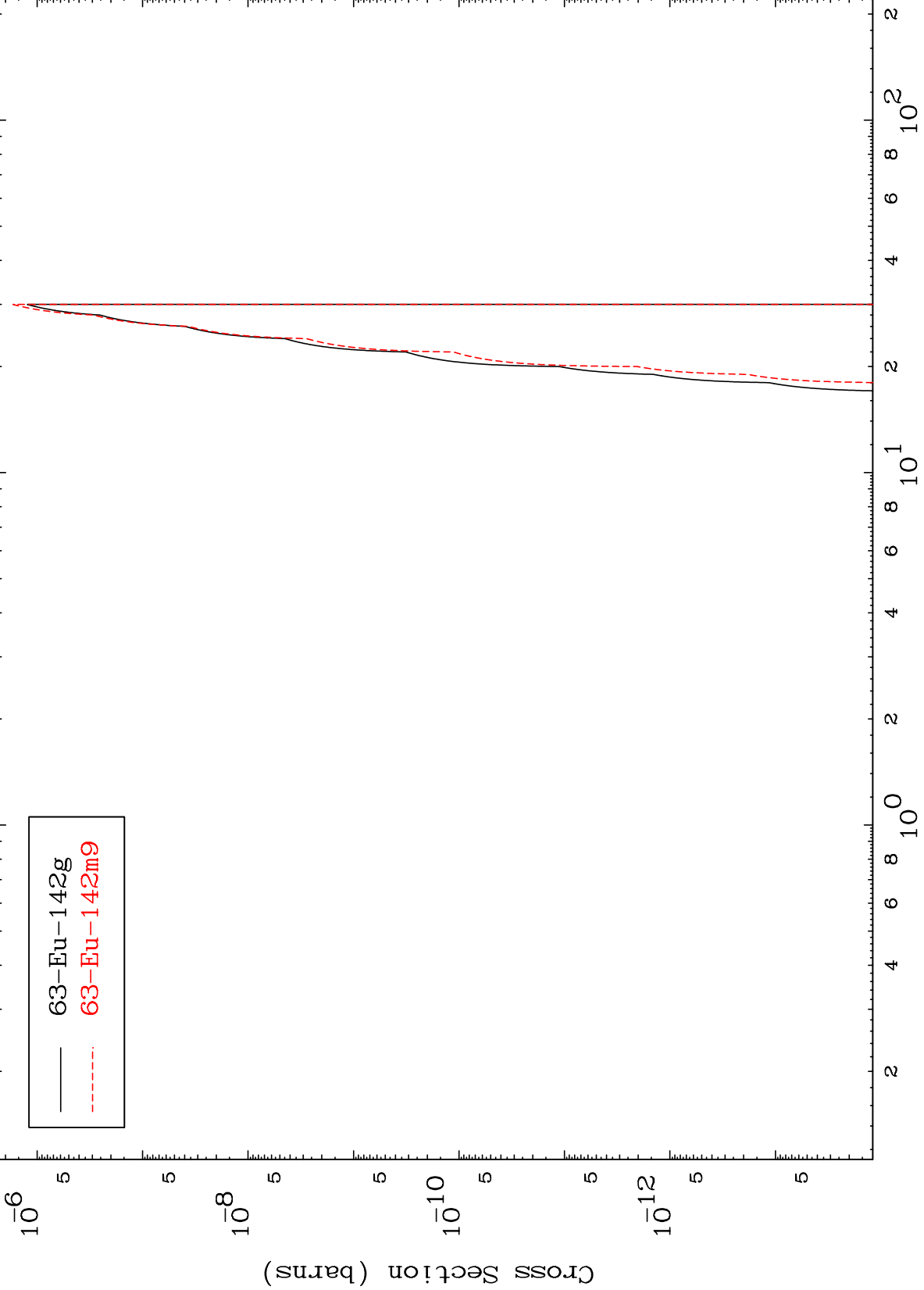


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($\alpha, 2\alpha$)

65-Tb-146

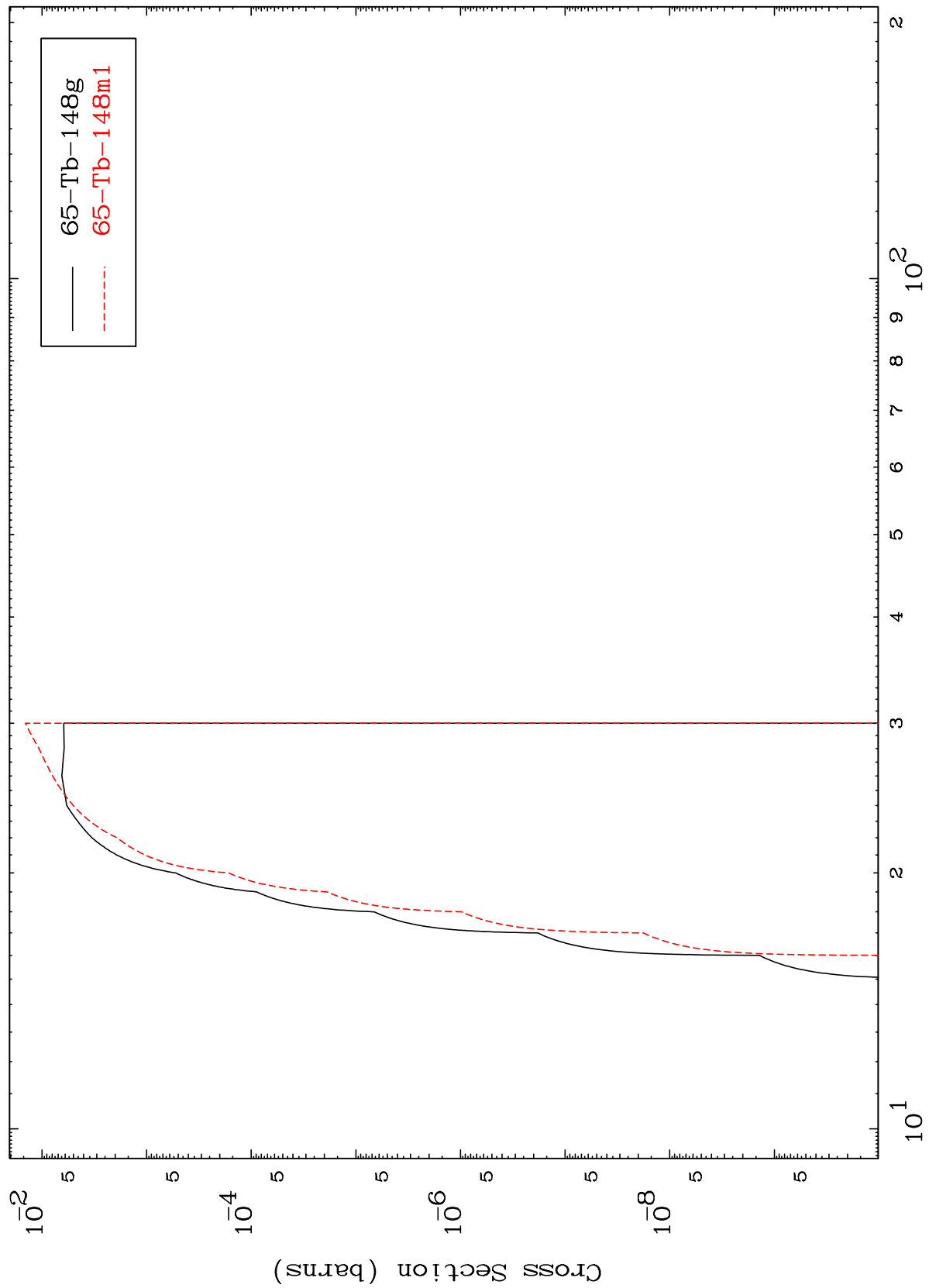
Radionuclide Production Cross Section



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65-Tb-146

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



65-Tb-146

Incident Energy (MeV)

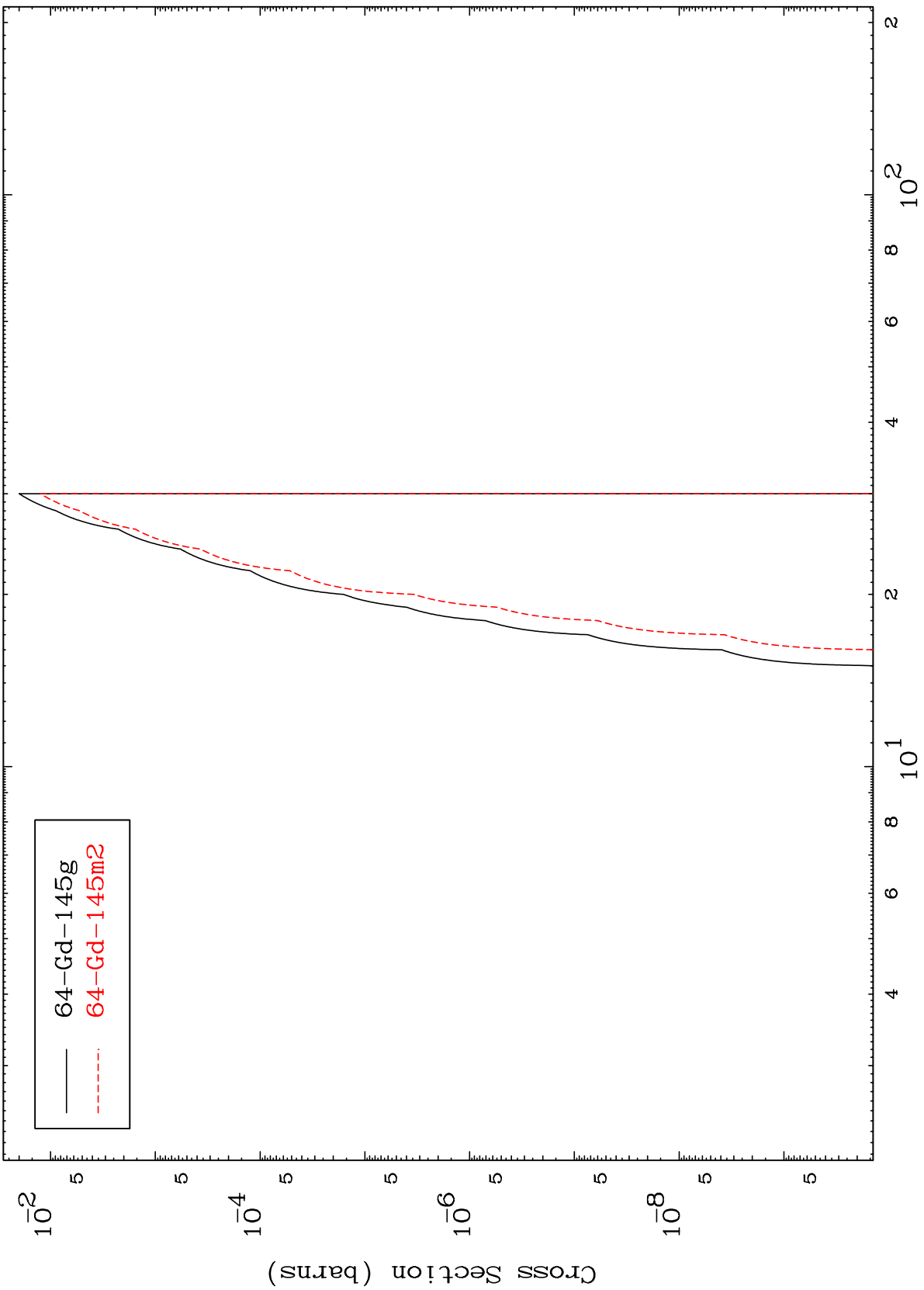
22

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(α, p) α

$^{65}\text{Tb-146}$

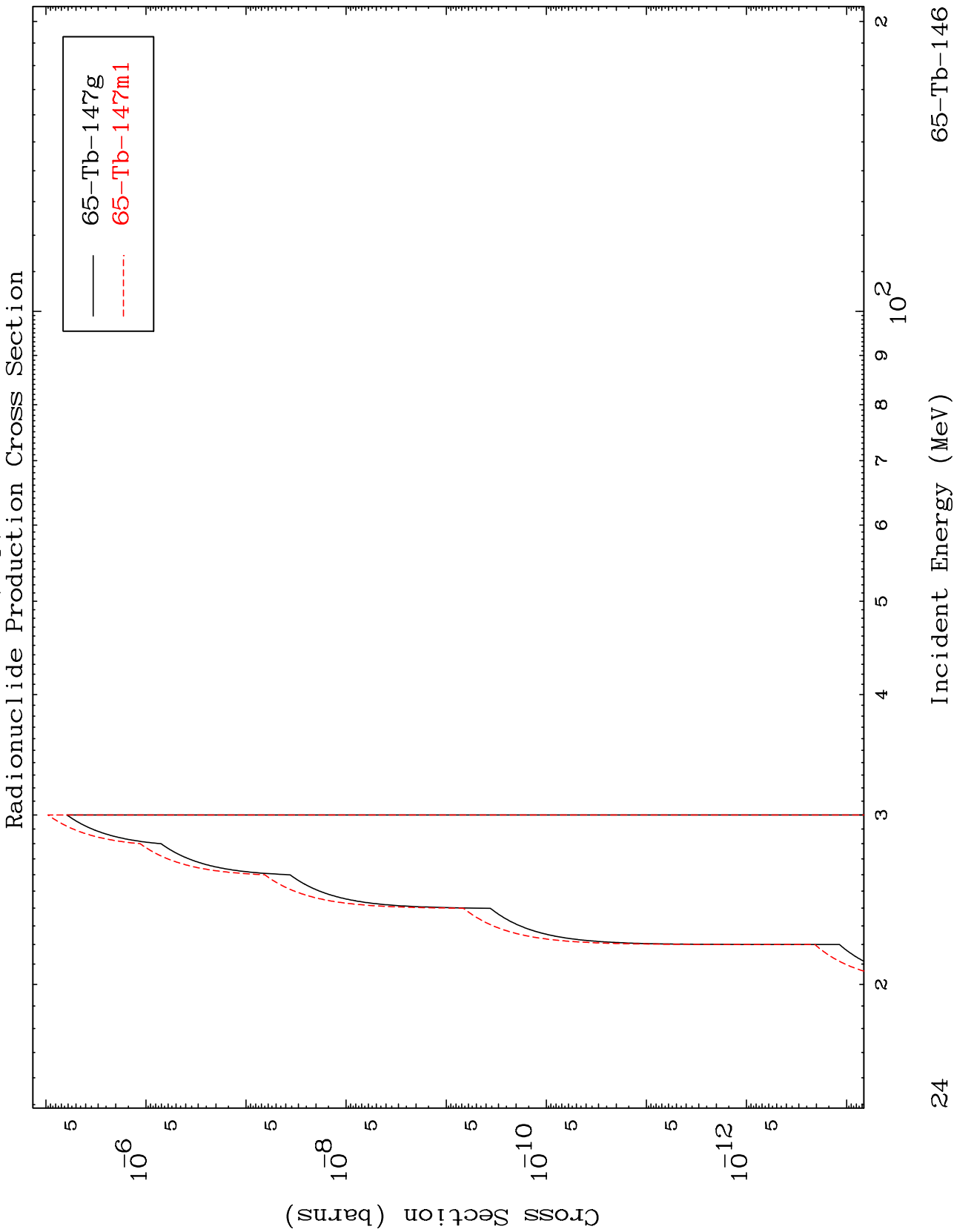
Radionuclide Production Cross Section



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(α, p) d

65-Tb-146



24

Incident Energy (MeV)

65-Tb-146