

Program EVALPLOT
(Version 2018-1)

by

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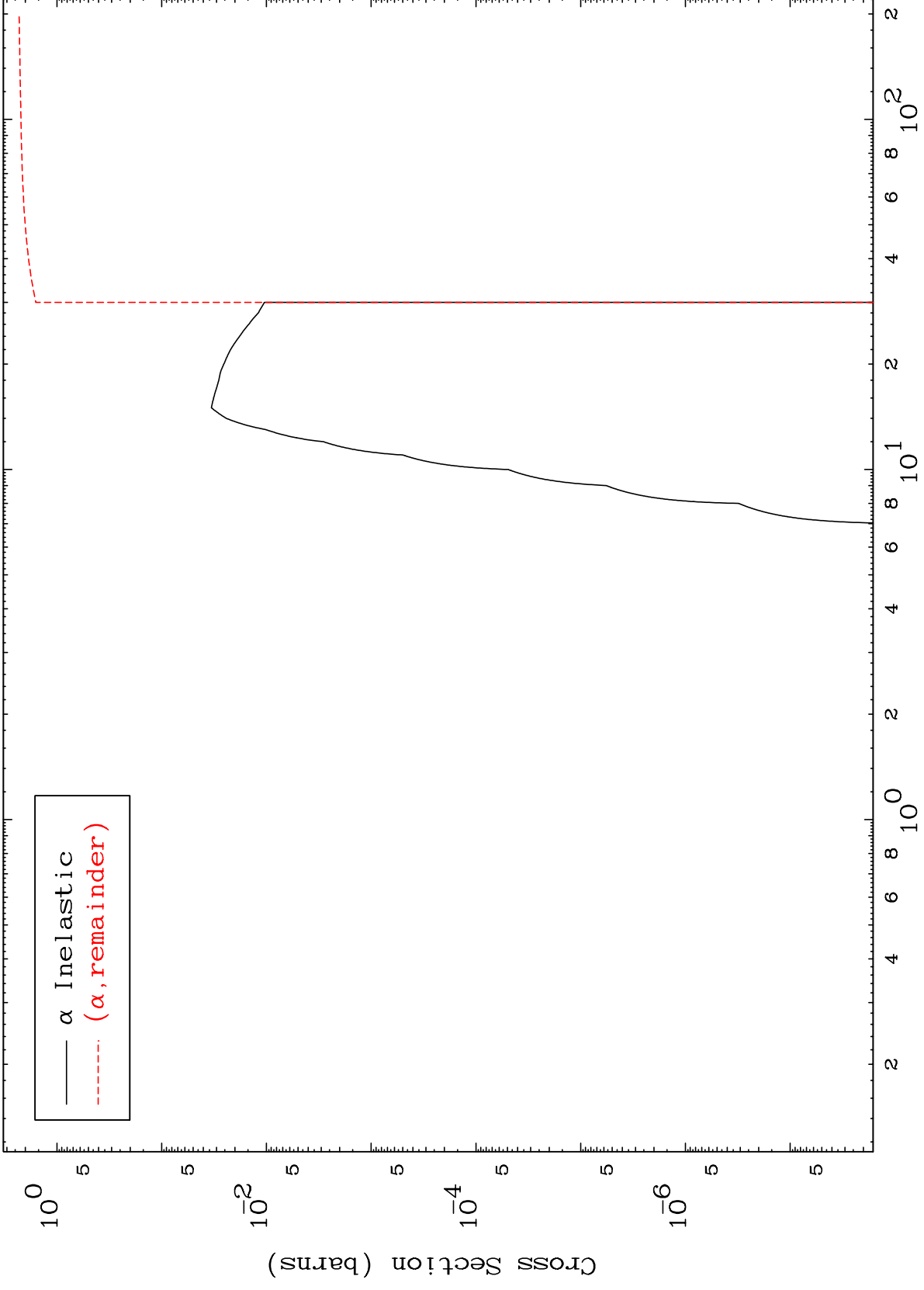
Press Mouse Button to Start

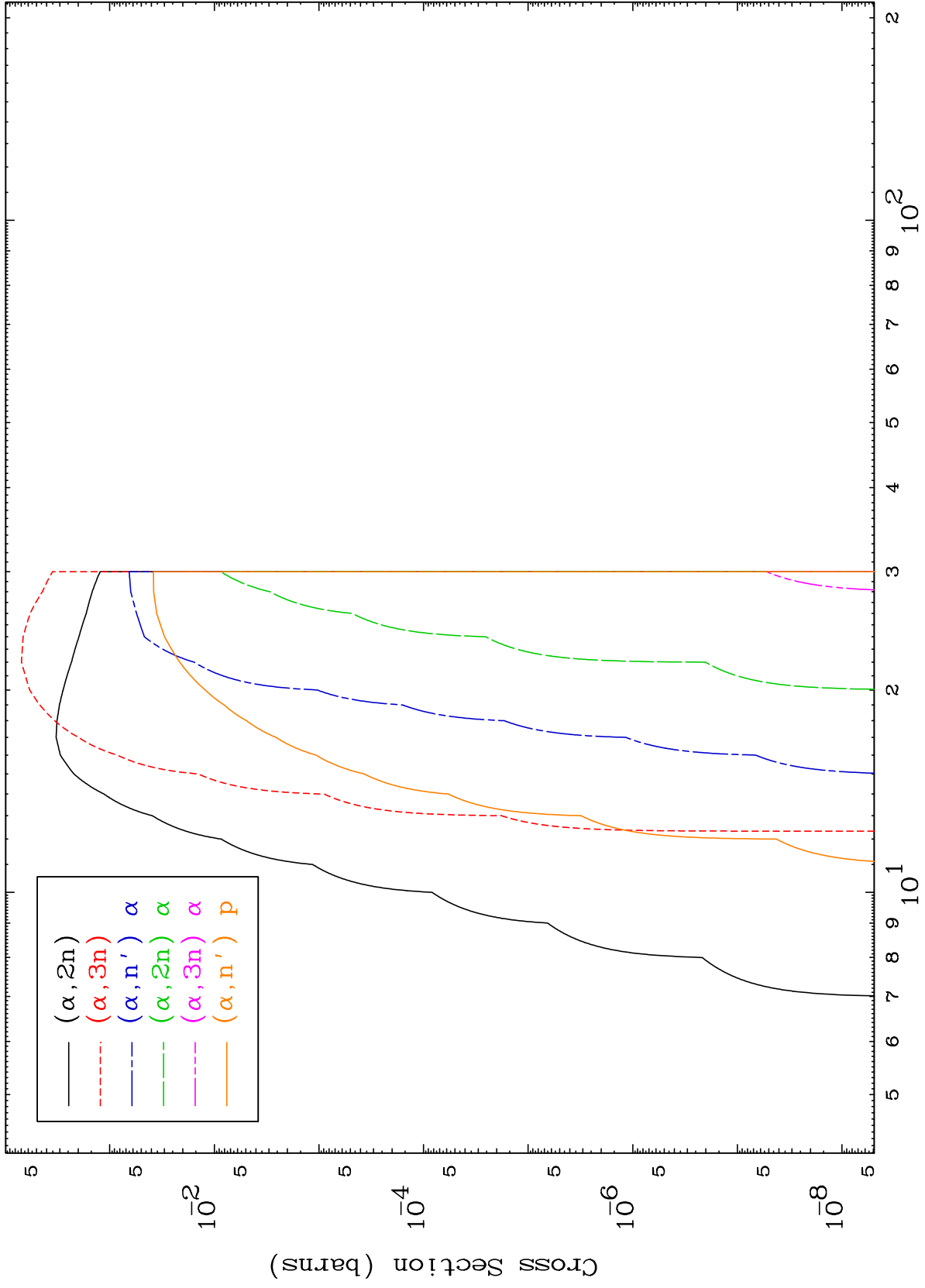
MAT 4974

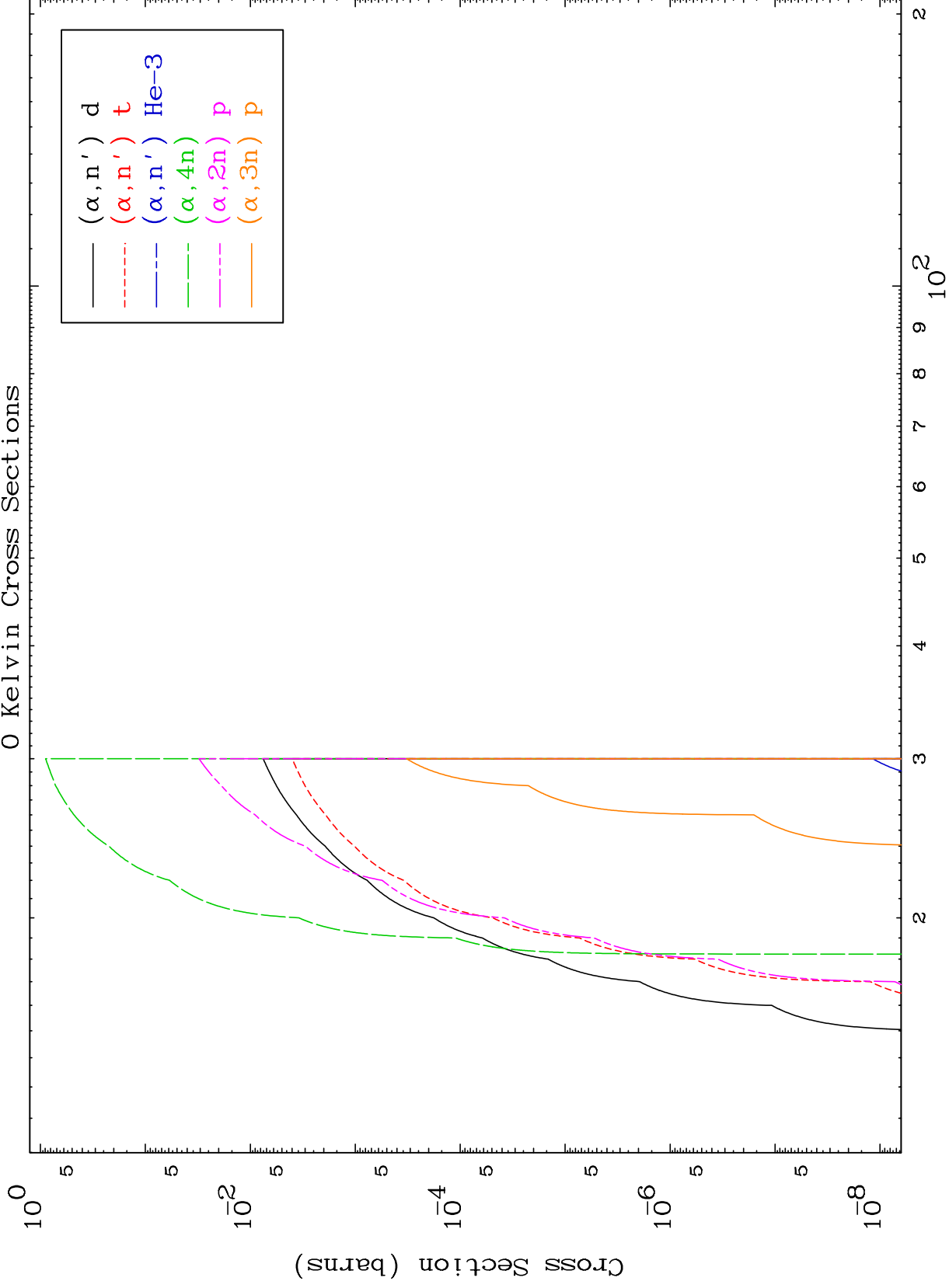
α Major

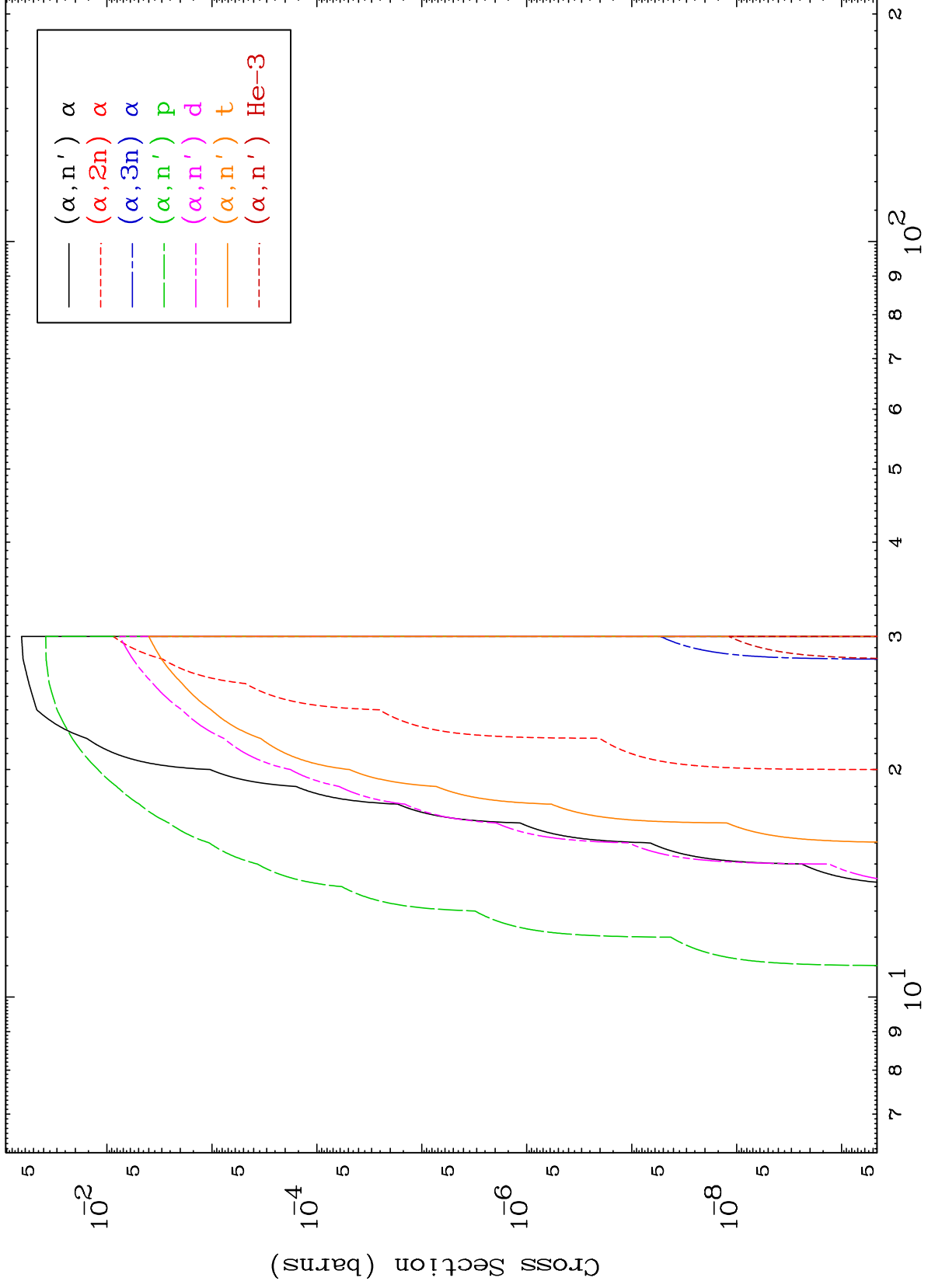
49-In-129

0 Kelvin Cross Sections







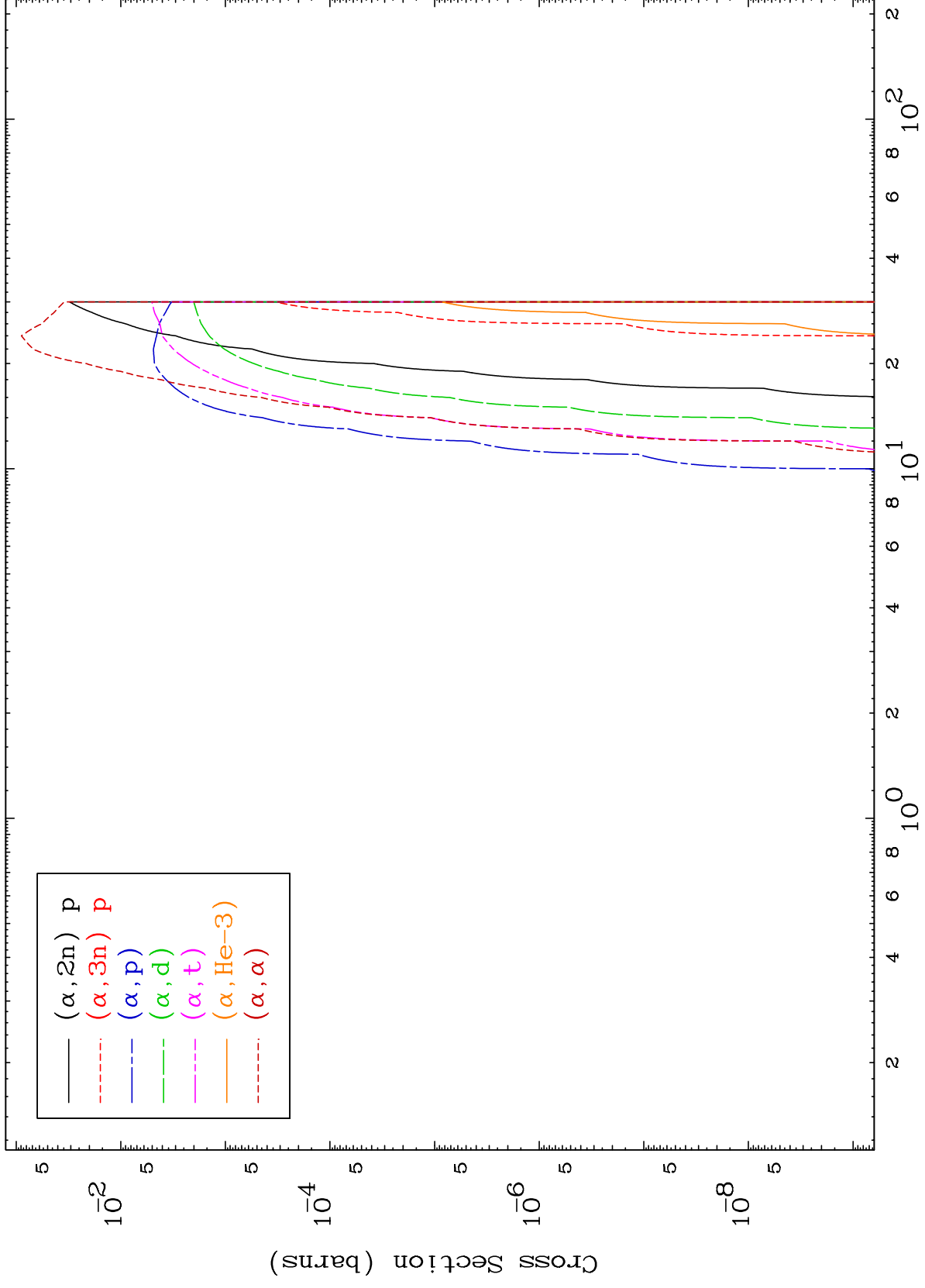


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α Charged Particle

49-In-129

0 Kelvin Cross Sections



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Incident Energy (MeV)

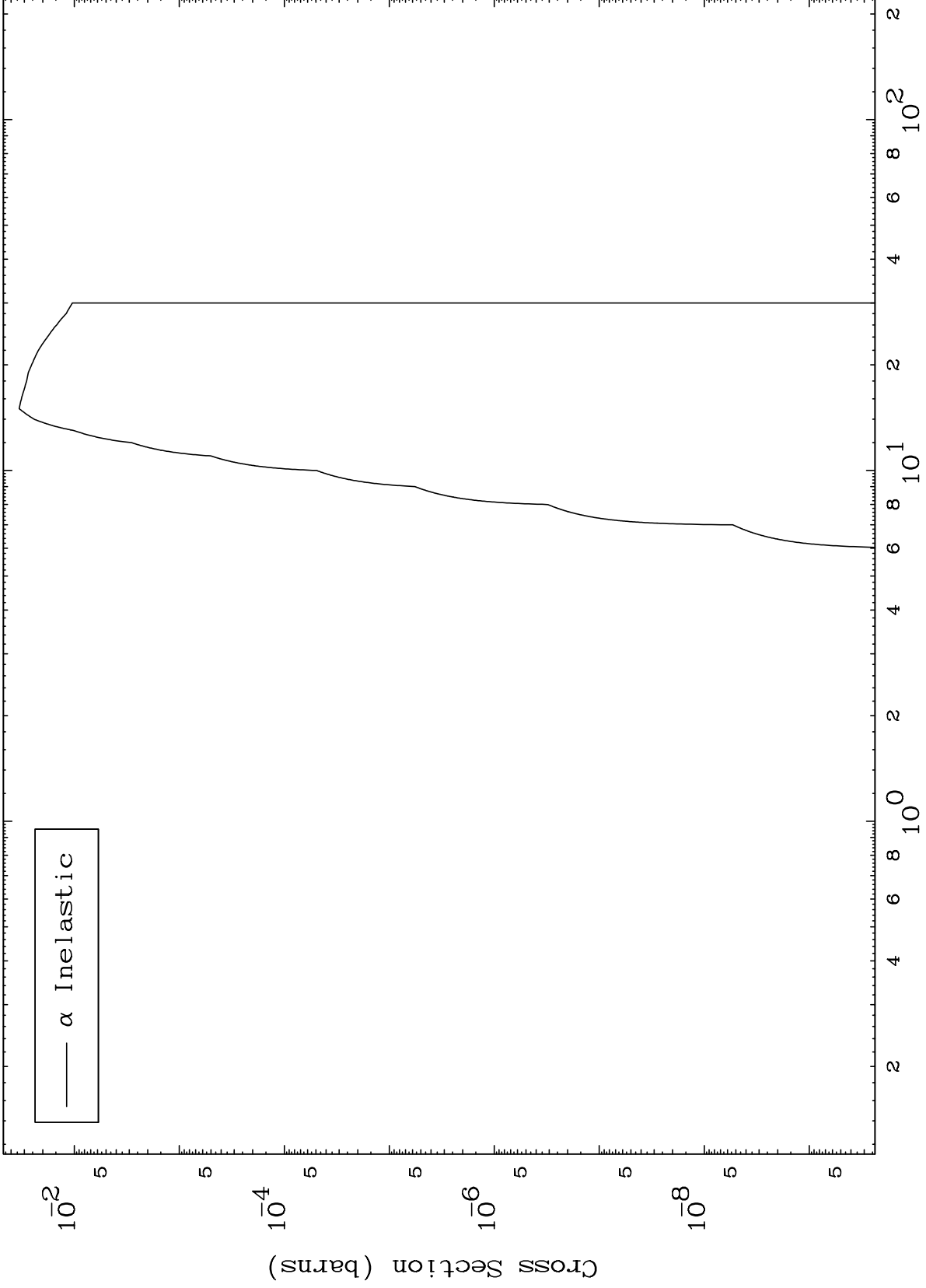
49-In-129

MAT 4974

(α, n') Level

49-In-129

0 Kelvin Cross Sections



6

Incident Energy (MeV)

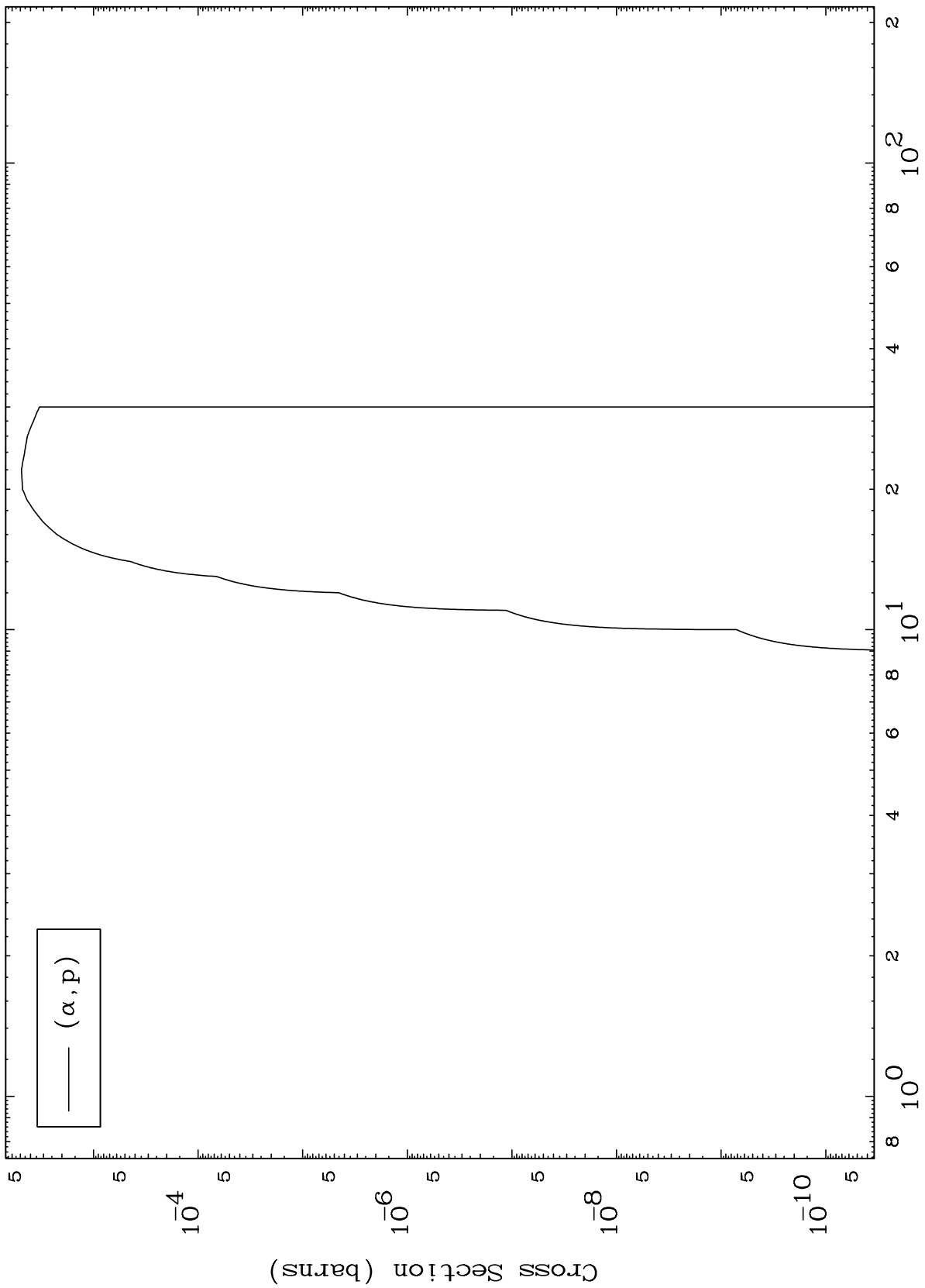
49-In-129

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(α, p) Levels

49-In-129

0 Kelvin Cross Sections



(α, p)

7

Incident Energy (MeV)

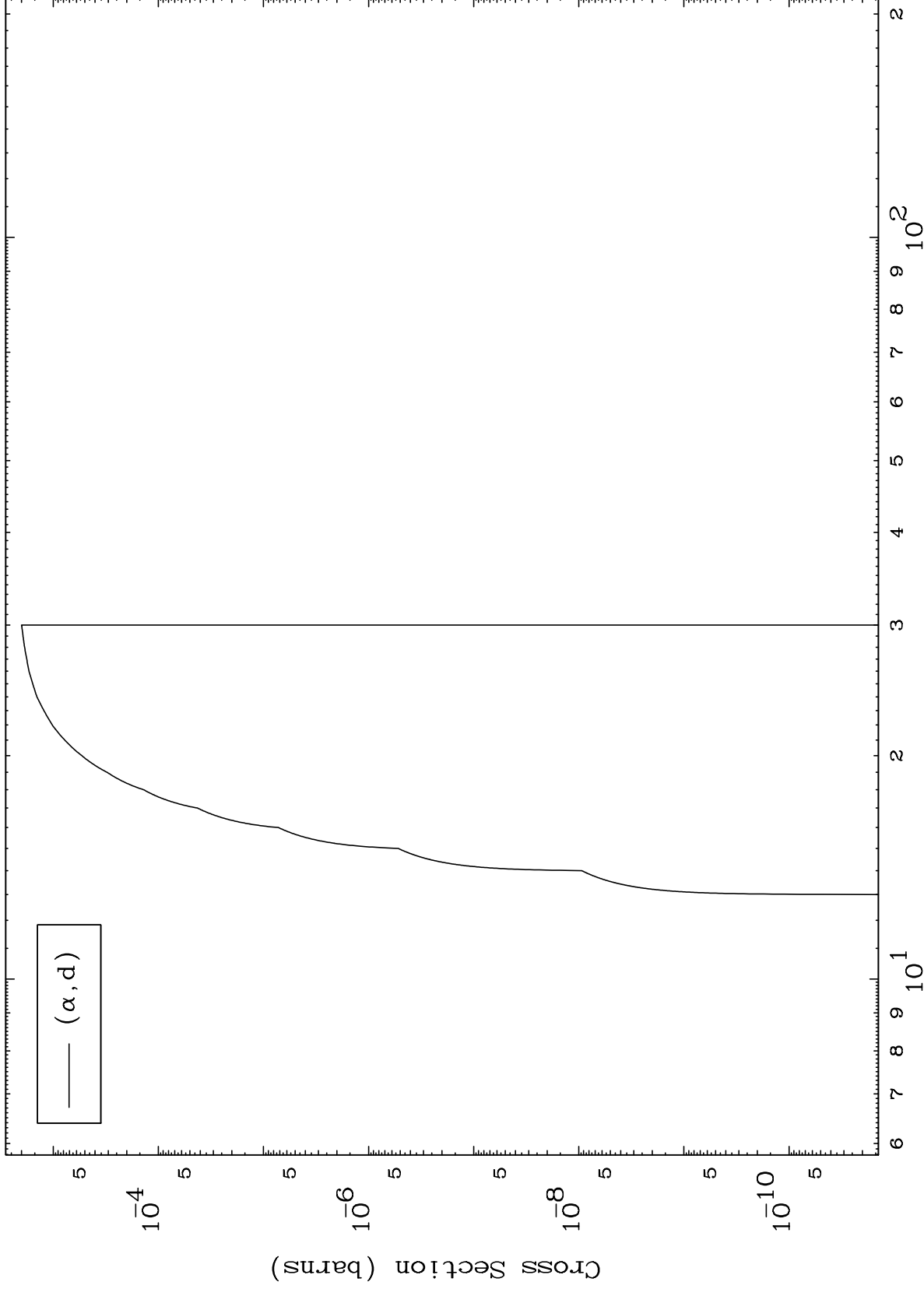
49-In-129

MAT 4974

(α, d) Levels

49-In-129

0 Kelvin Cross Sections

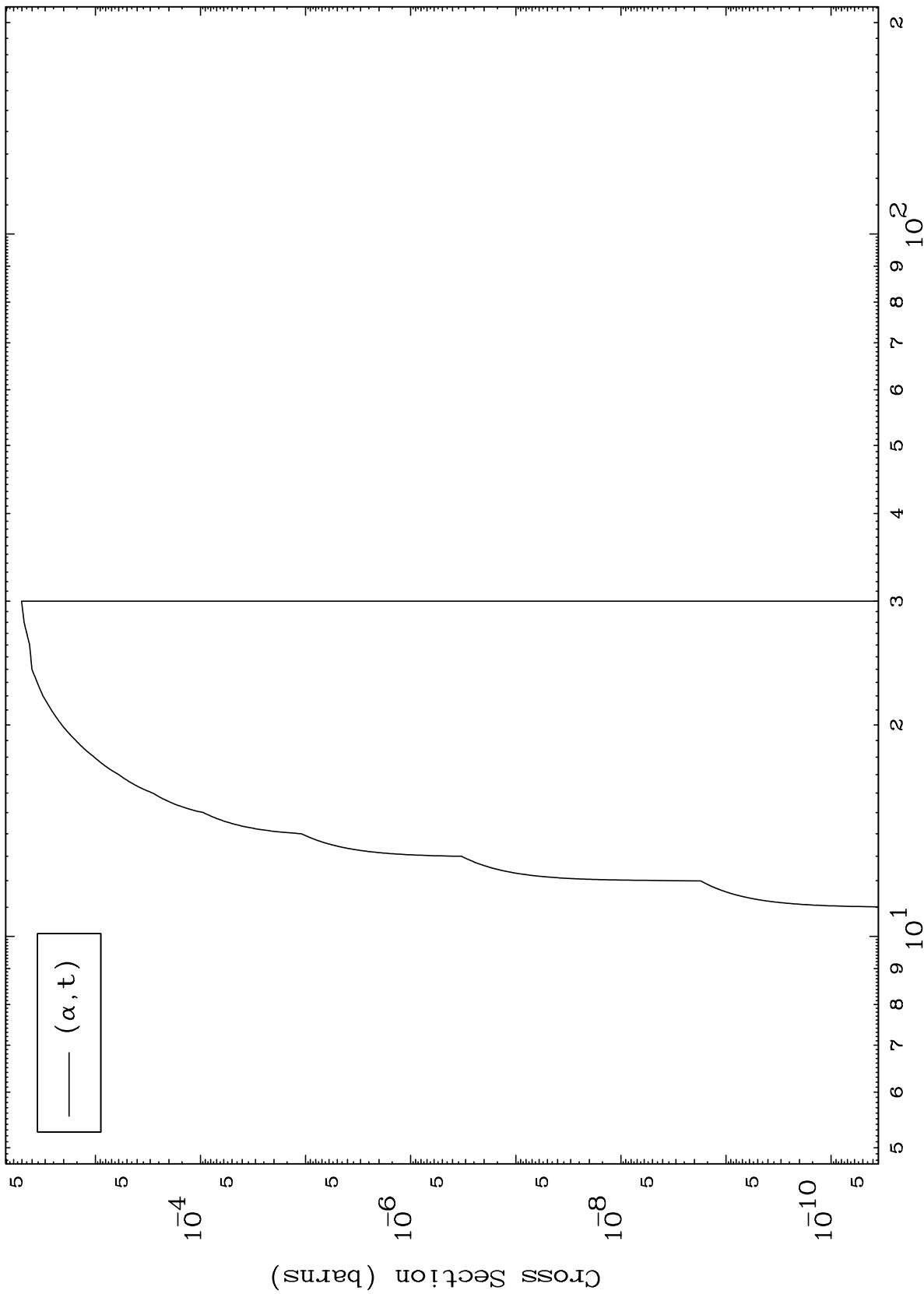


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(α, t) Levels

49-In-129

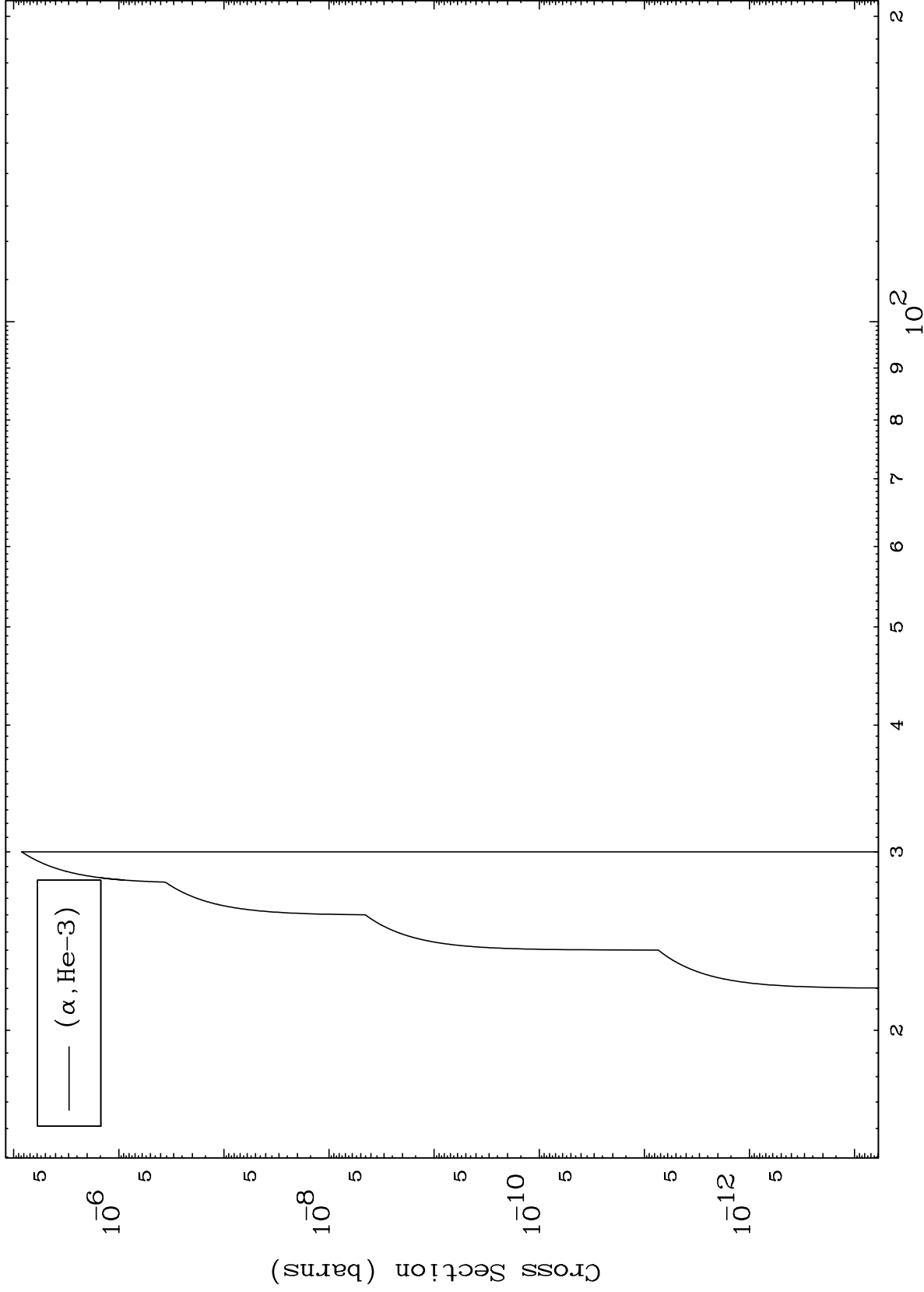
0 Kelvin Cross Sections



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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

49-In-129



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Incident Energy (MeV)

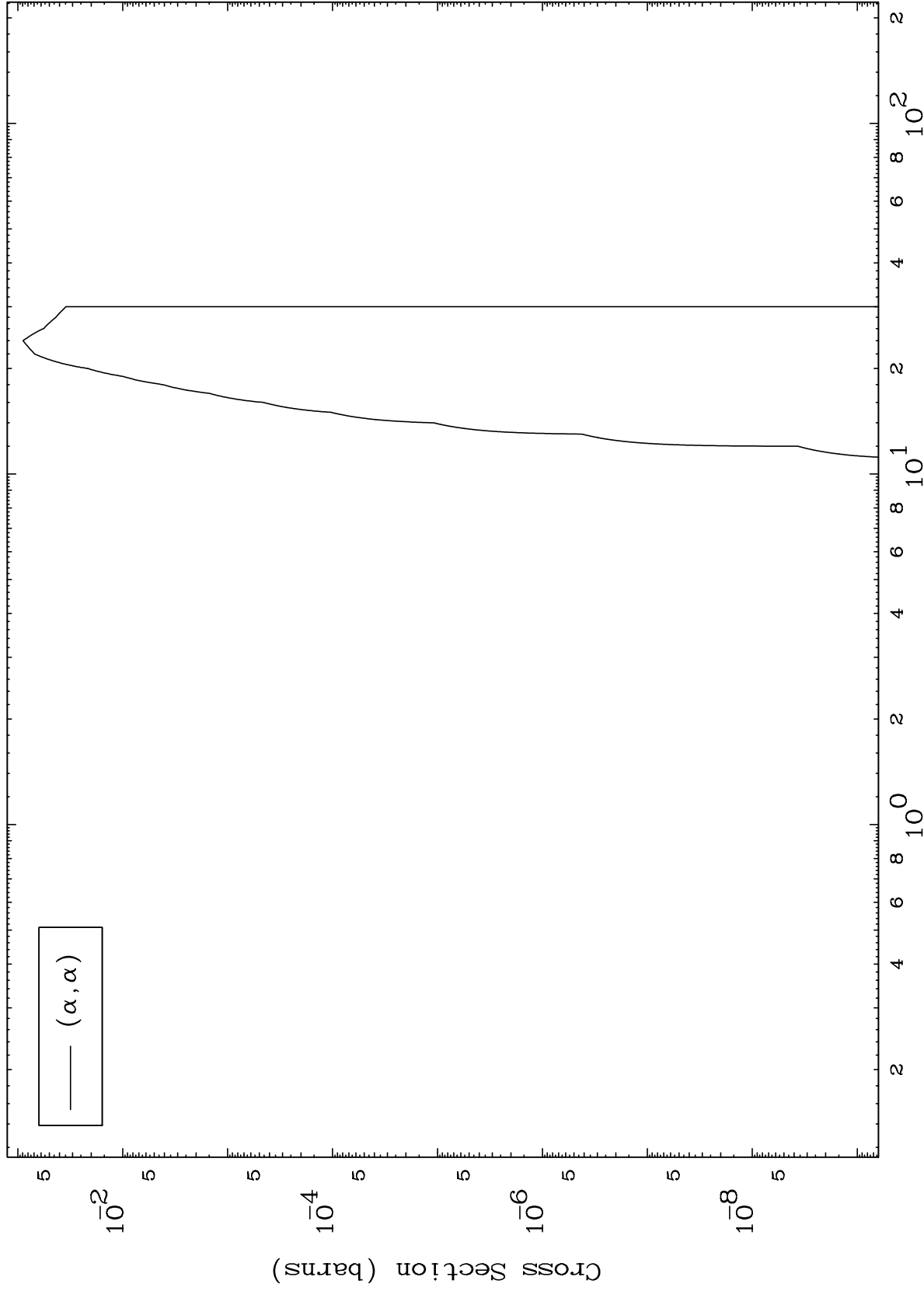
49-In-129

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(α, α) Levels

49-In-129

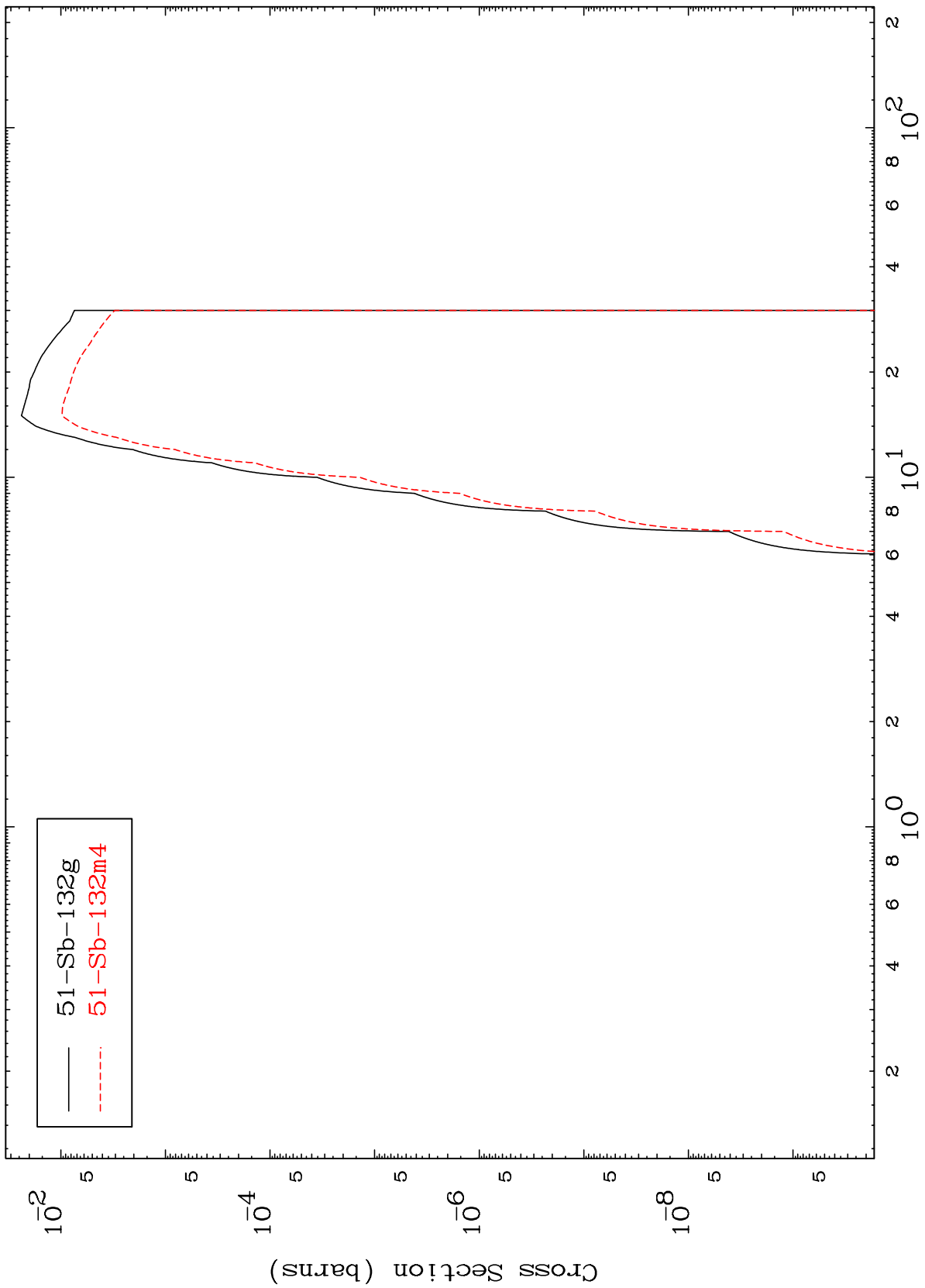
0 Kelvin Cross Sections



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49-In-129

Radionuclide Production Cross Section
 α Inelastic



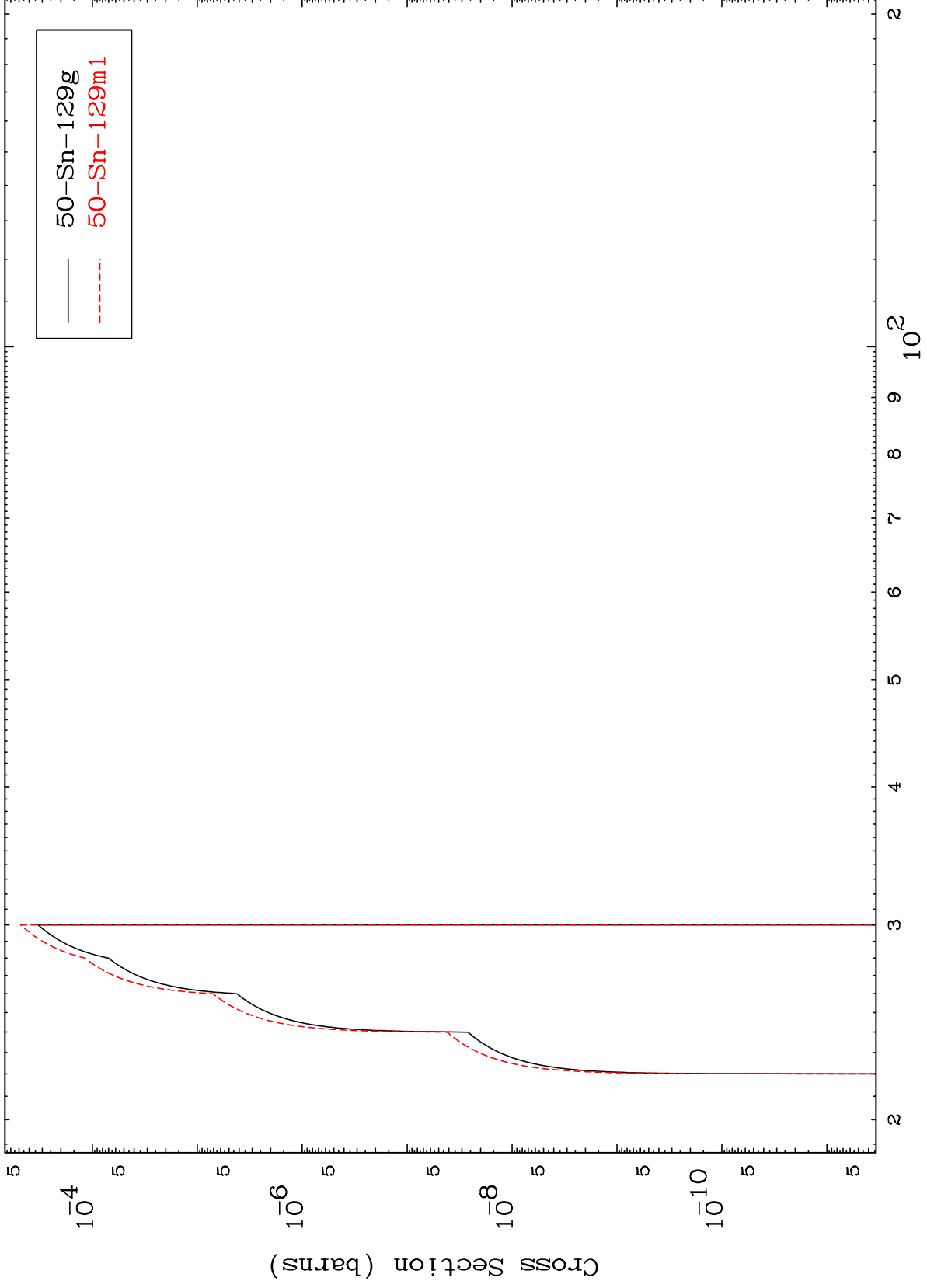
— 51-Sb-132g
- - - 51-Sb-132m4

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($\alpha, 2n$) d

49-In-129

Radionuclide Production Cross Section



13

Incident Energy (MeV)

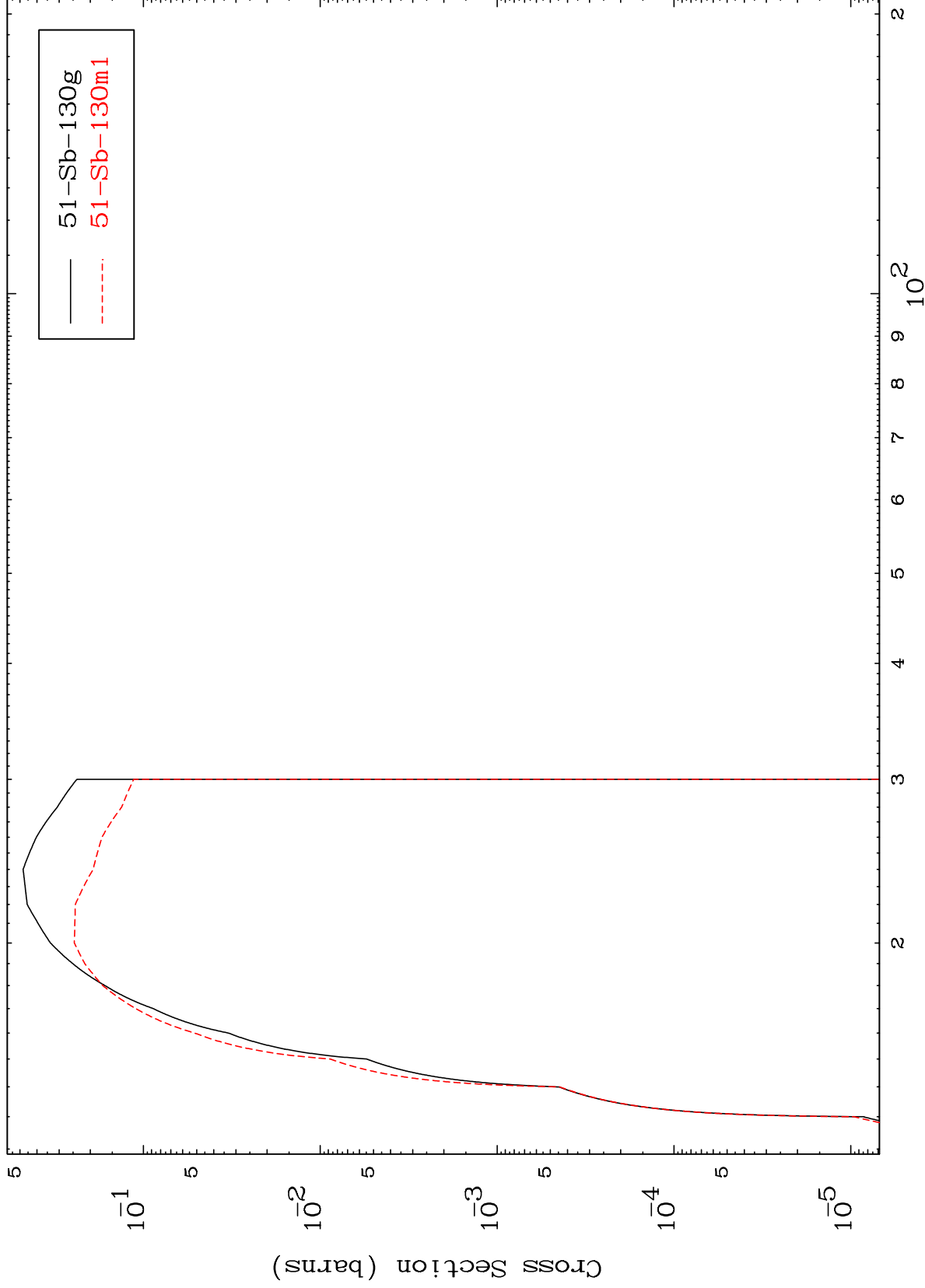
49-In-129

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($\alpha, 3n$)

49-In-129

Radionuclide Production Cross Section



14

Incident Energy (MeV)

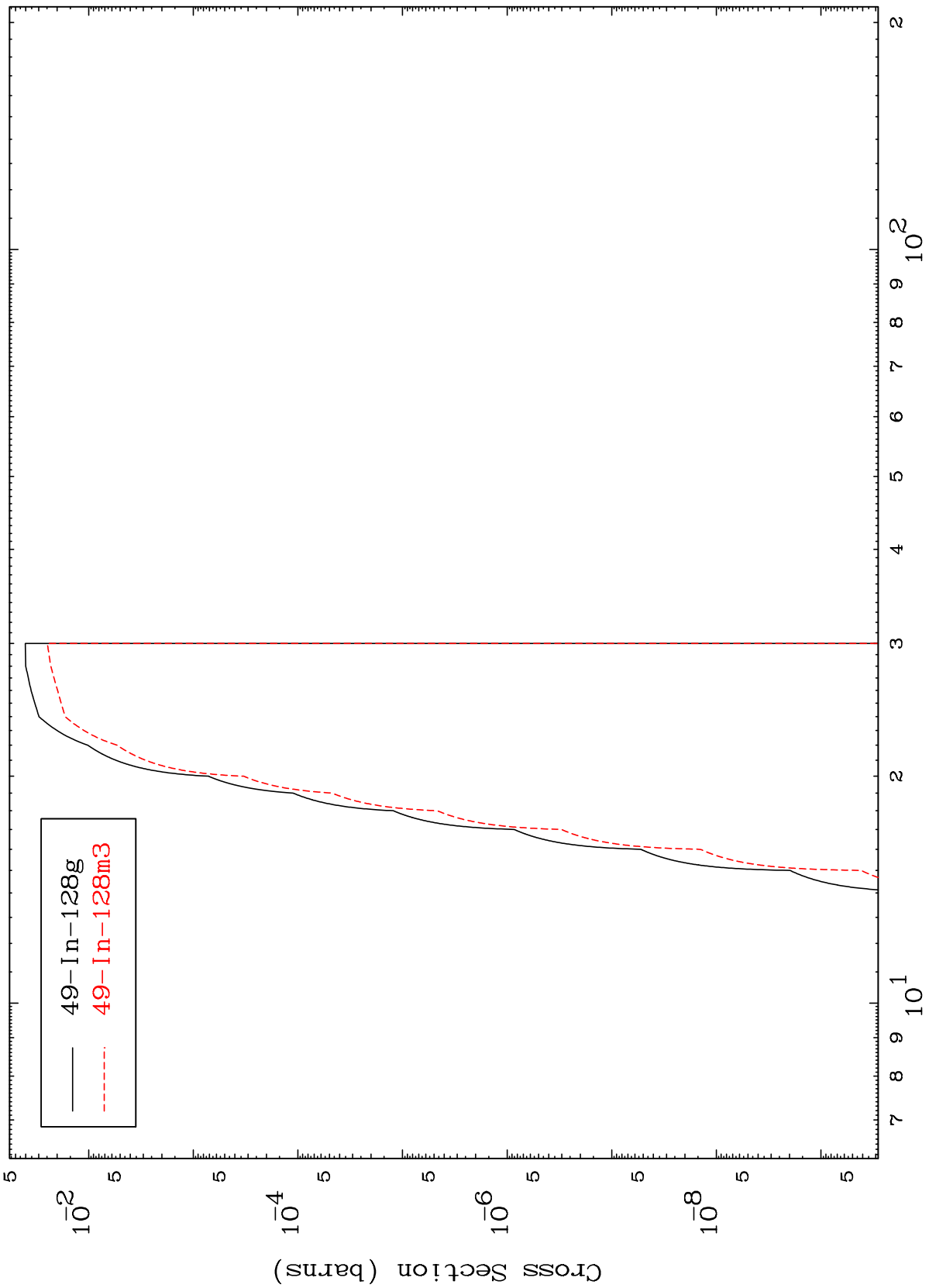
49-In-129

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49-In-129

(α, n') α

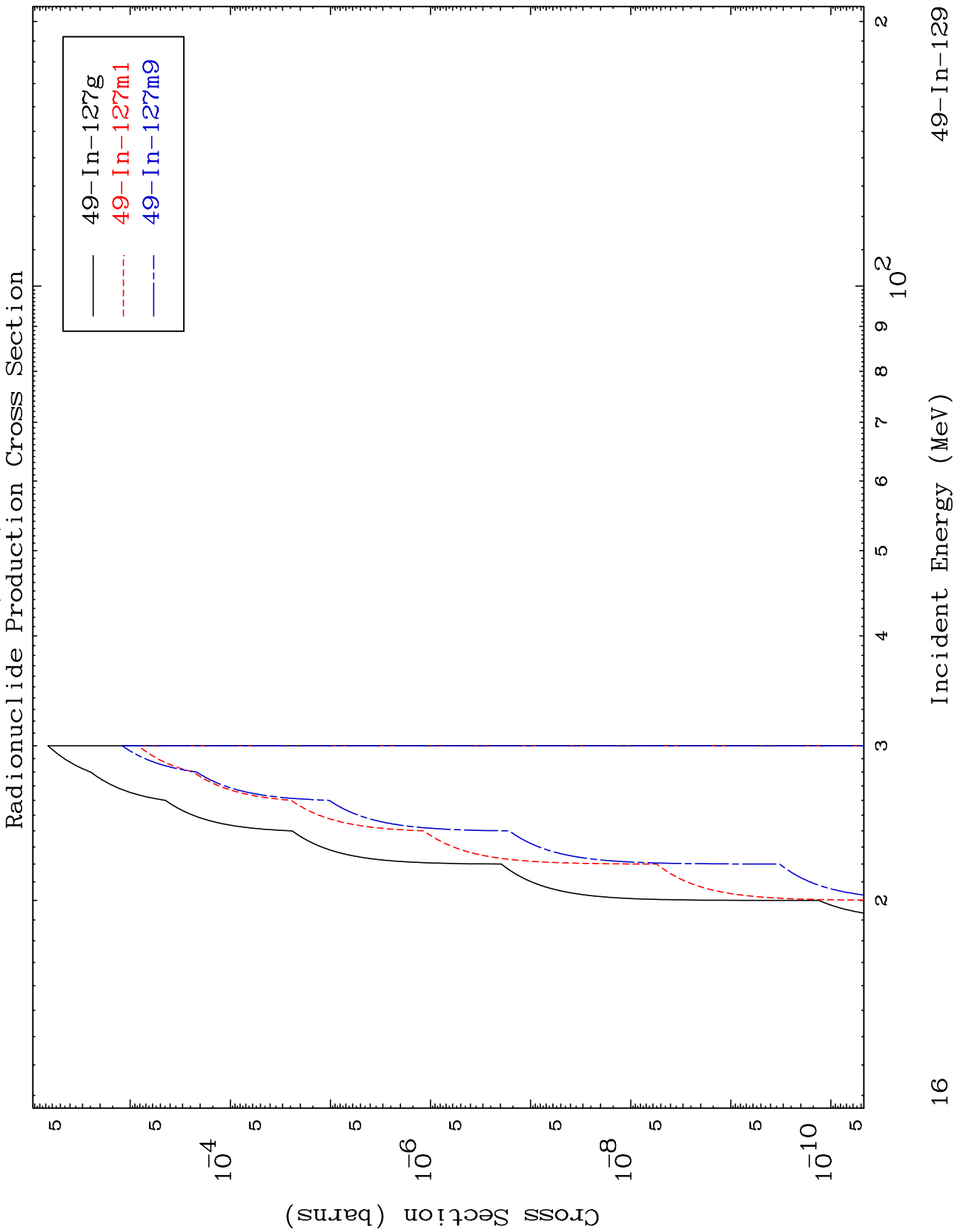
Radionuclide Production Cross Section



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Incident Energy (MeV)

49-In-129

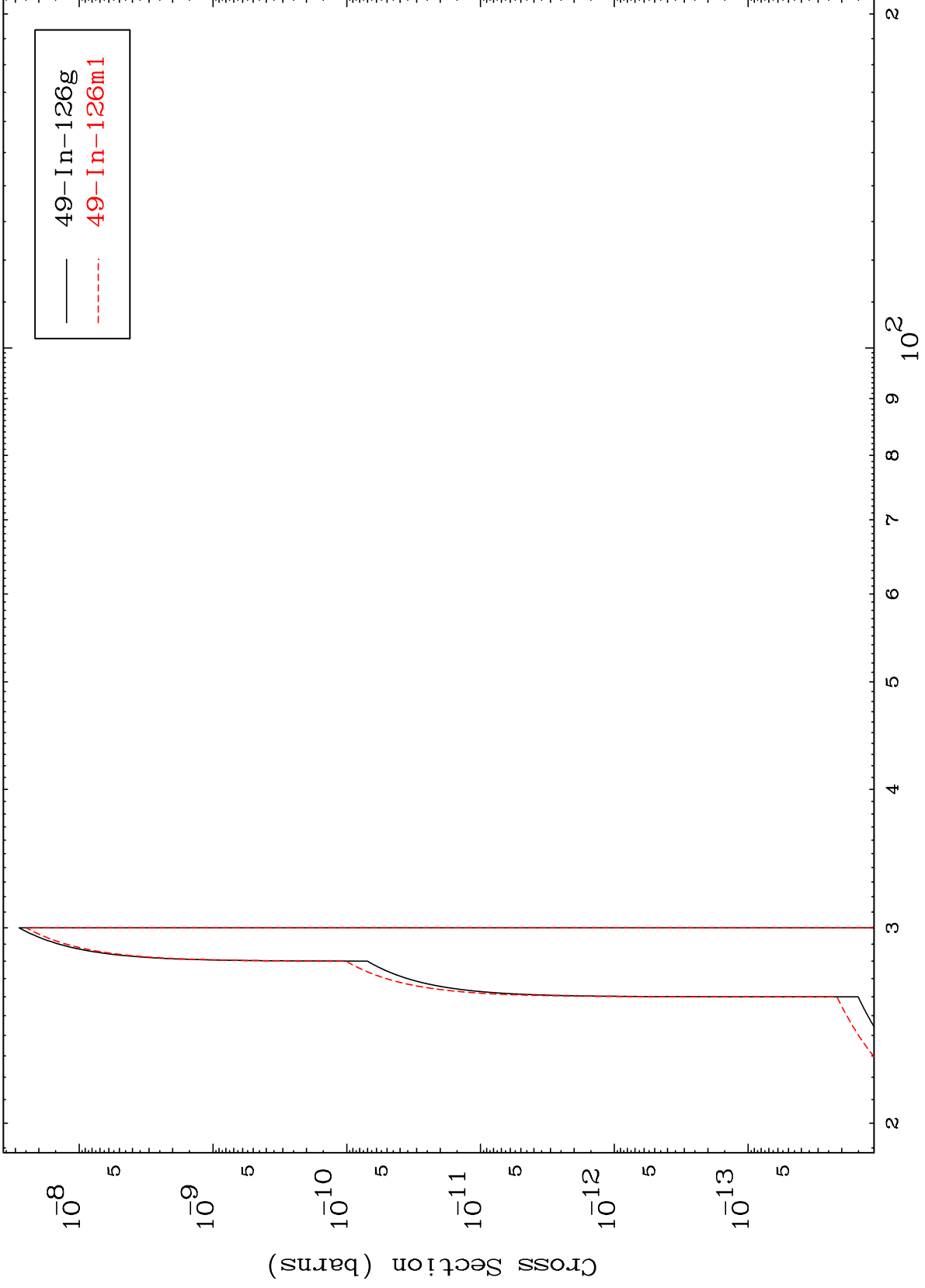


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($\alpha, 3n$) α

49-In-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

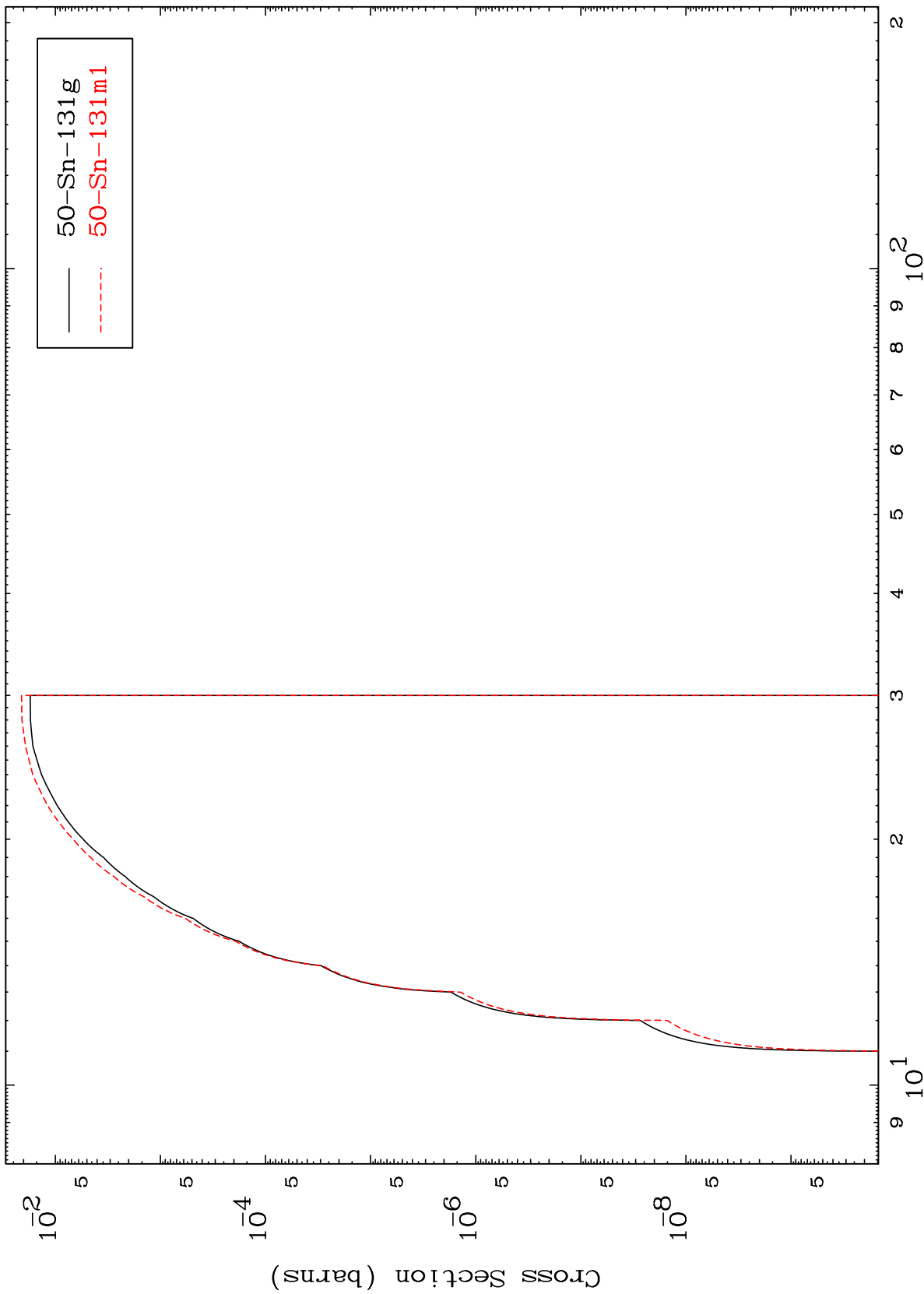
49-In-129

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(α, n') p

49-In-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

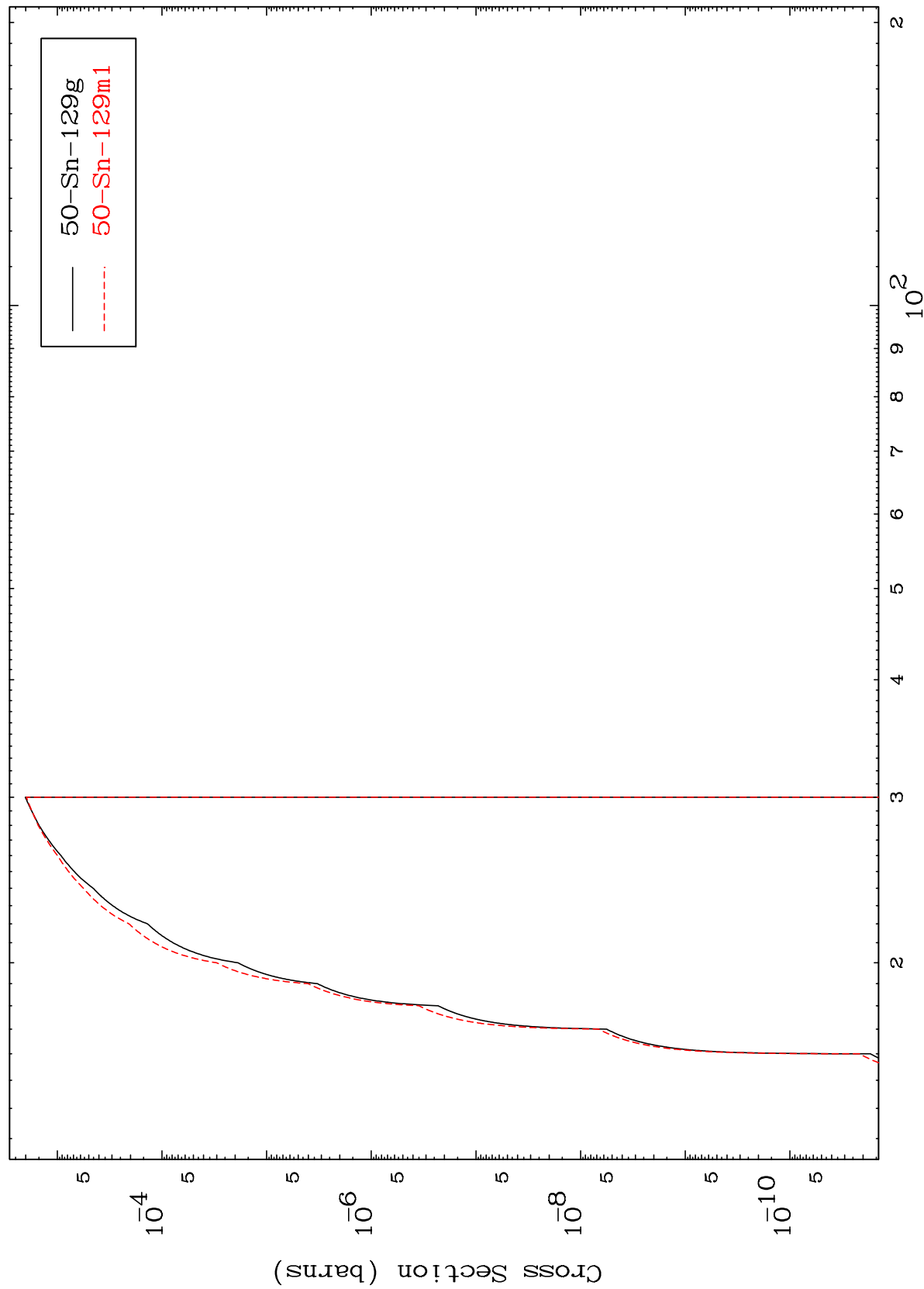
49-In-129

MAT 4974

(α, n') t

49-In-129

Radionuclide Production Cross Section



20

Incident Energy (MeV)

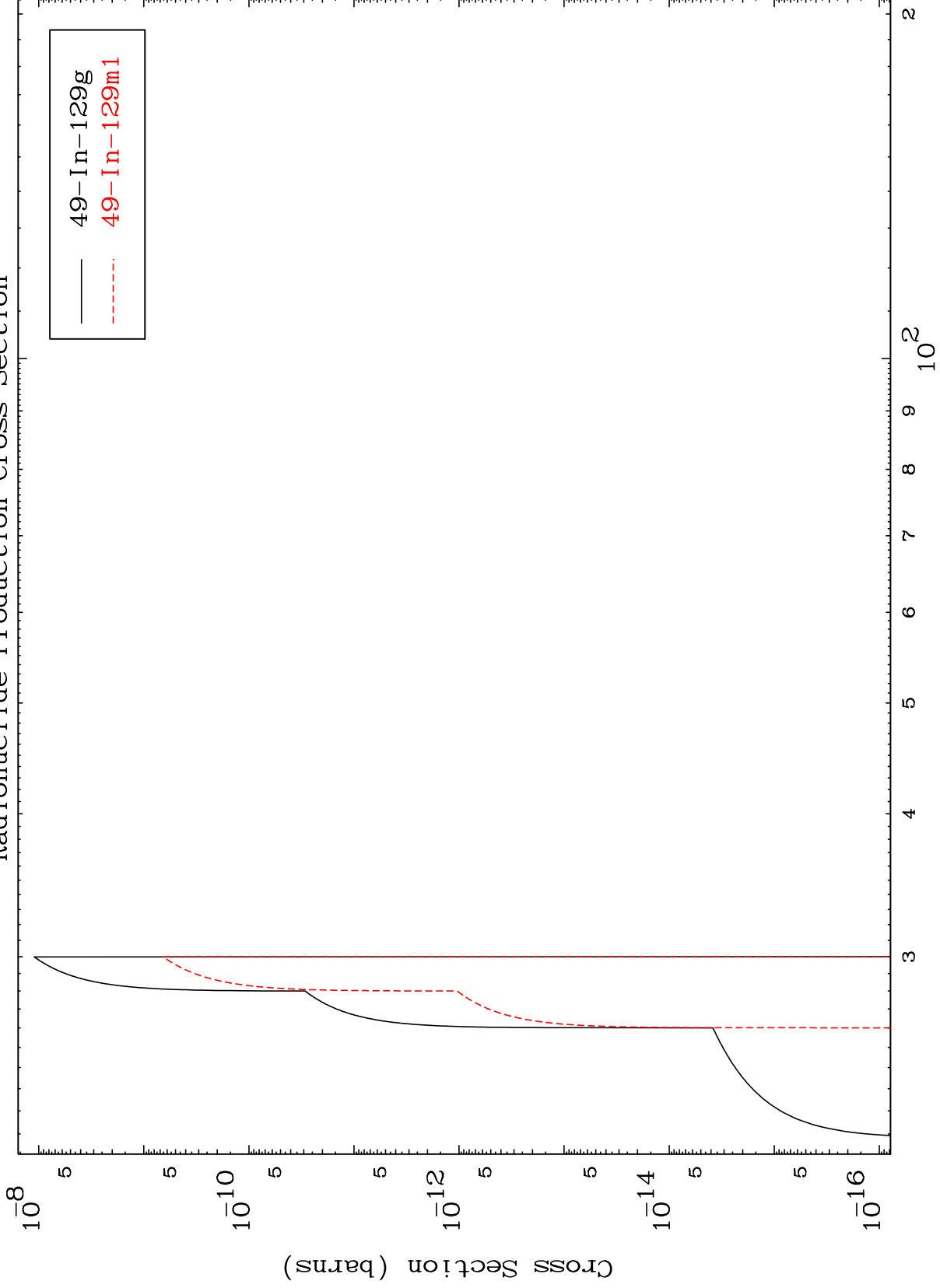
49-In-129

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(α, n') He-3

49-In-129

Radionuclide Production Cross Section

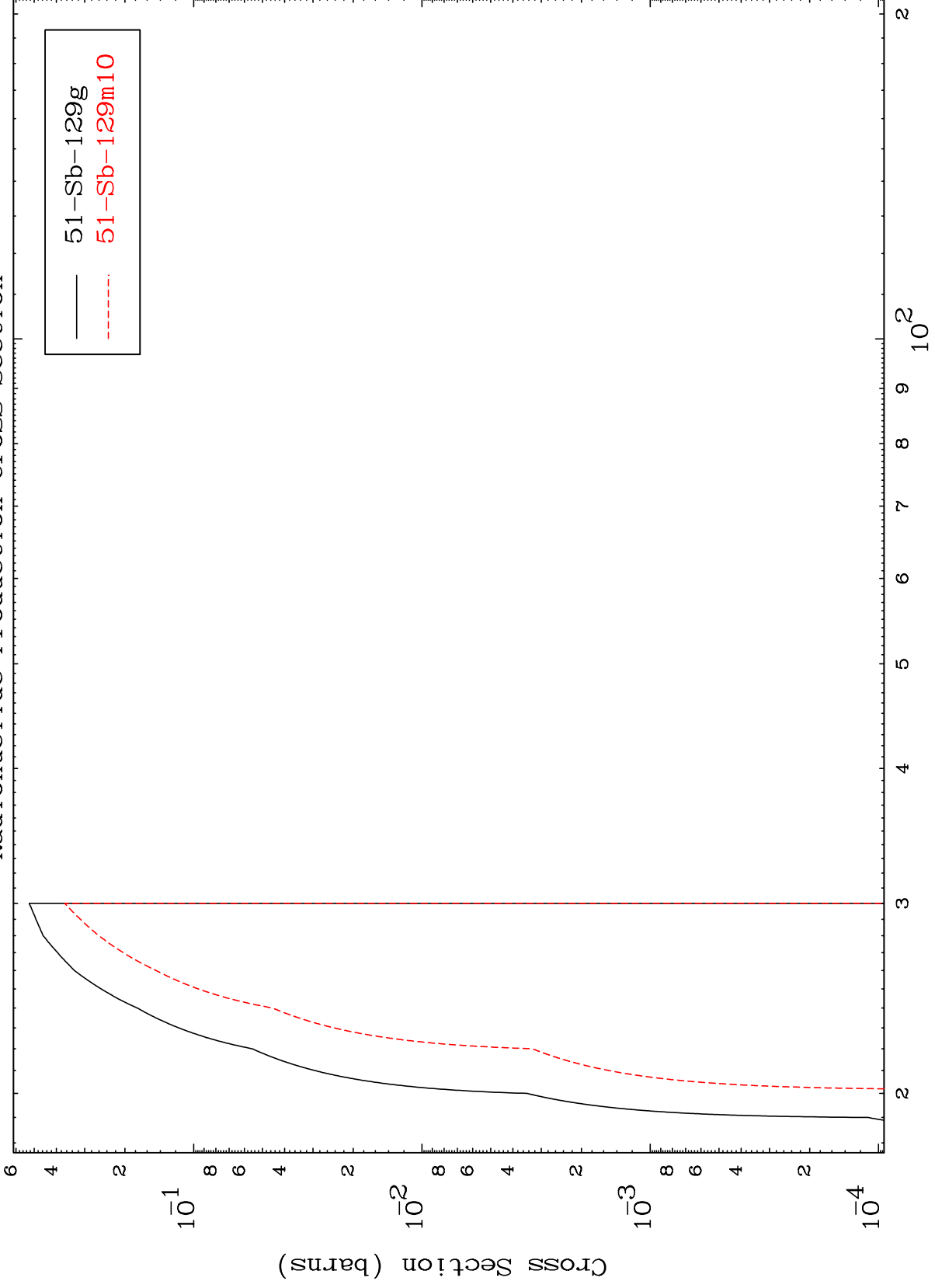


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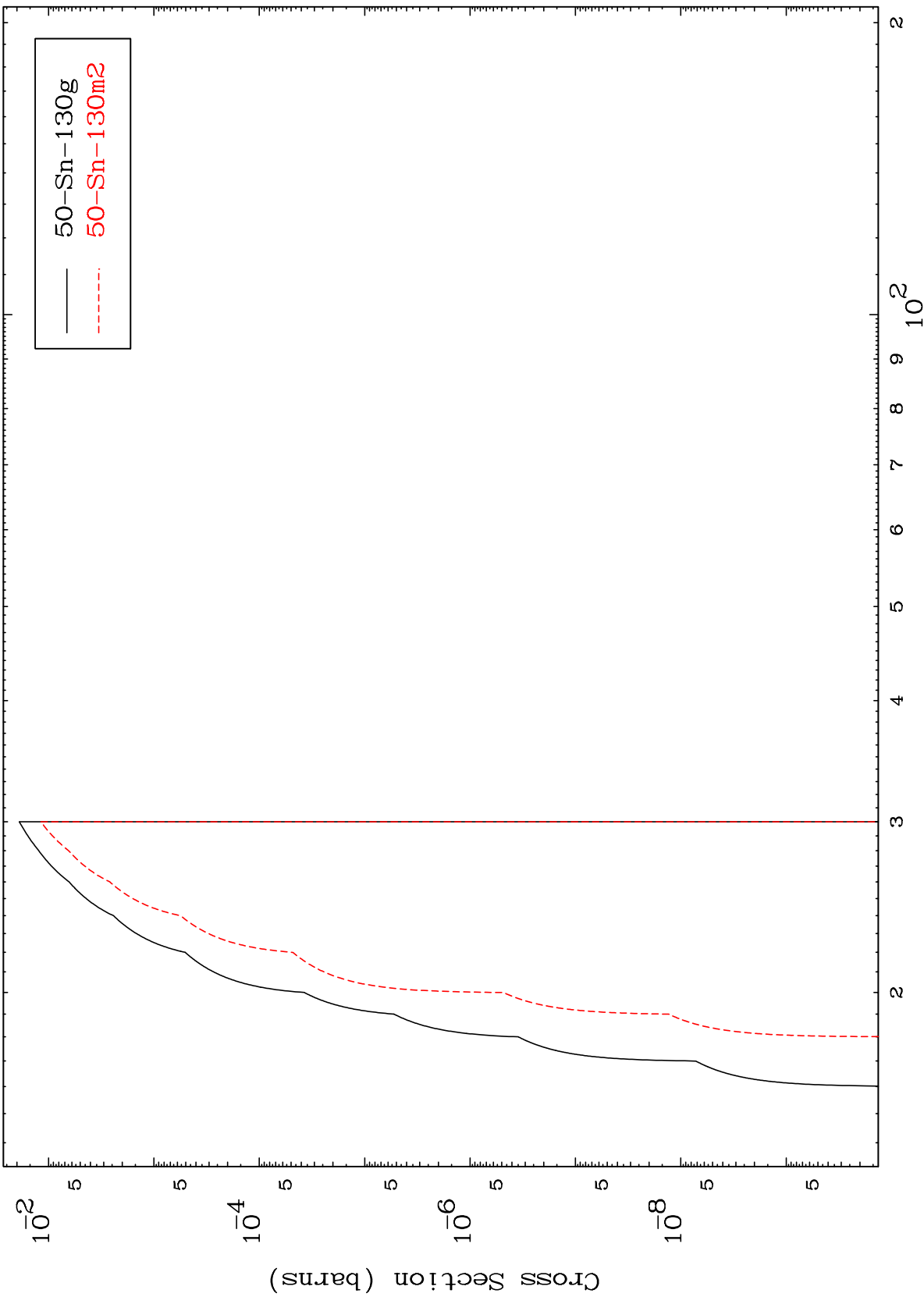
Incident Energy (MeV)

49-In-129

Radionuclide Production Cross Section
($\alpha, 4n$)



Radionuclide Production Cross Section

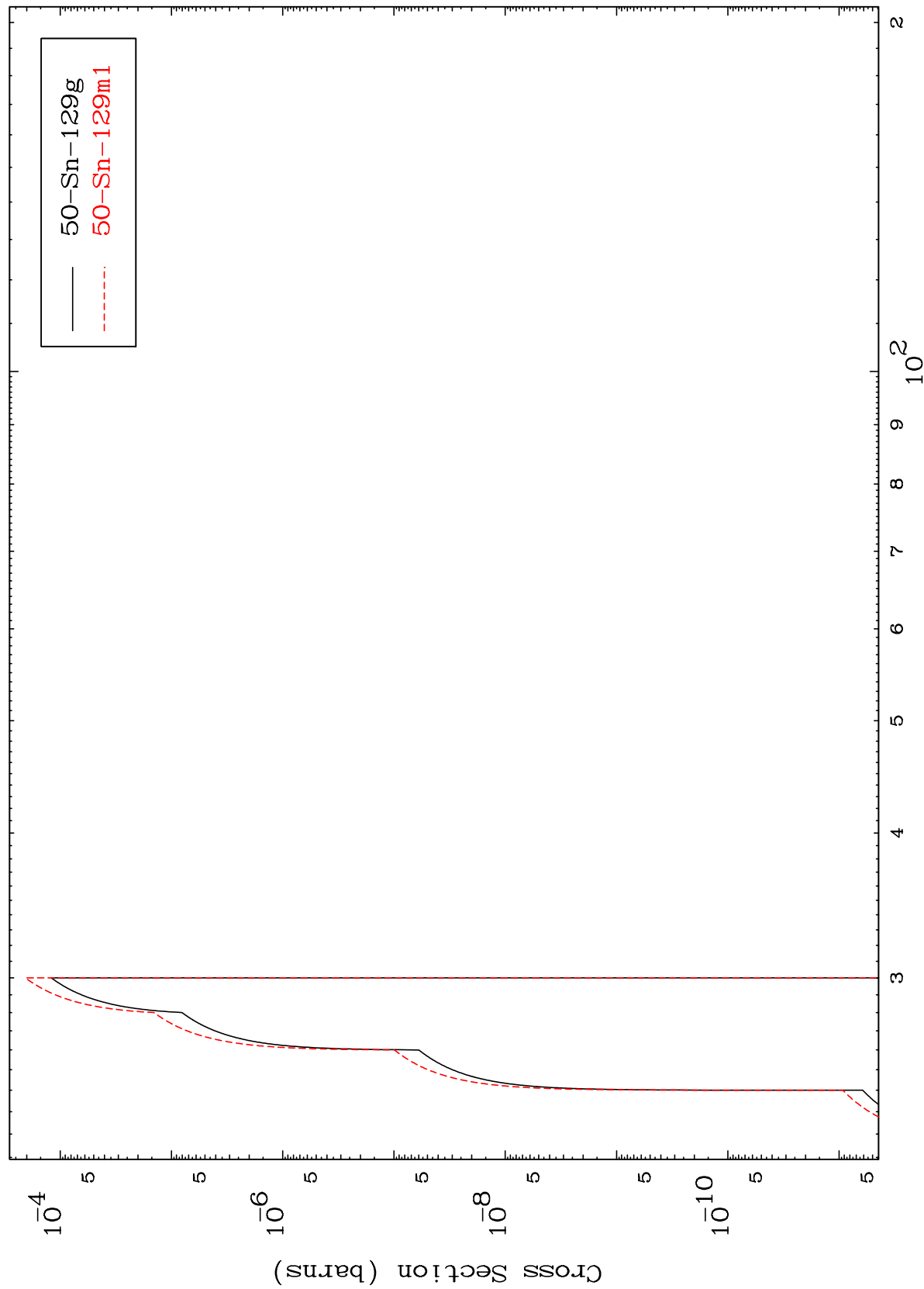


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$(\alpha, 3n)$ p

49-In-129

Radionuclide Production Cross Section



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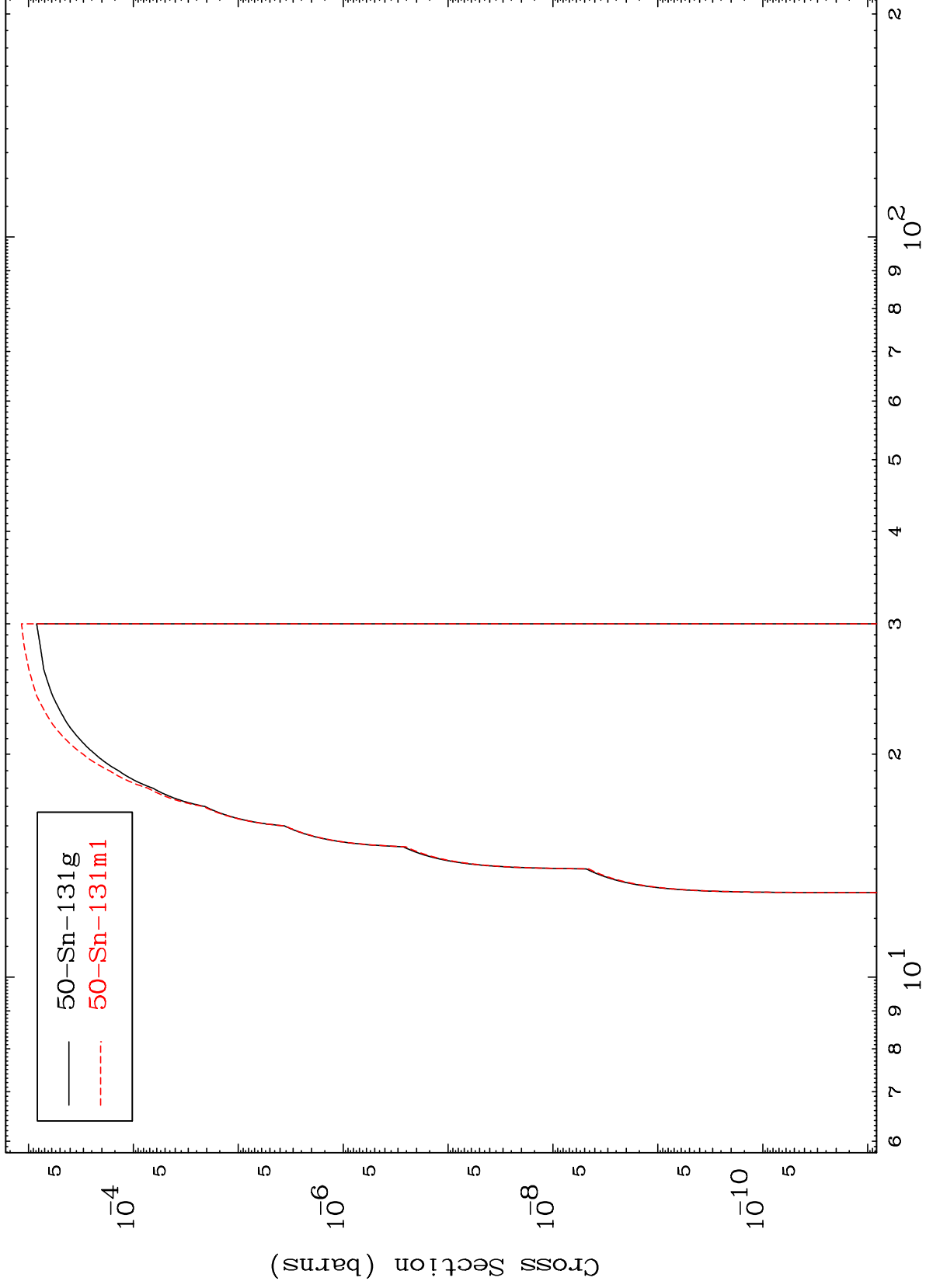
Incident Energy (MeV)

49-In-129

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49-In-129

(α, d)
Radionuclide Production Cross Section



50-Sn-131g
50-Sn-131m1

25

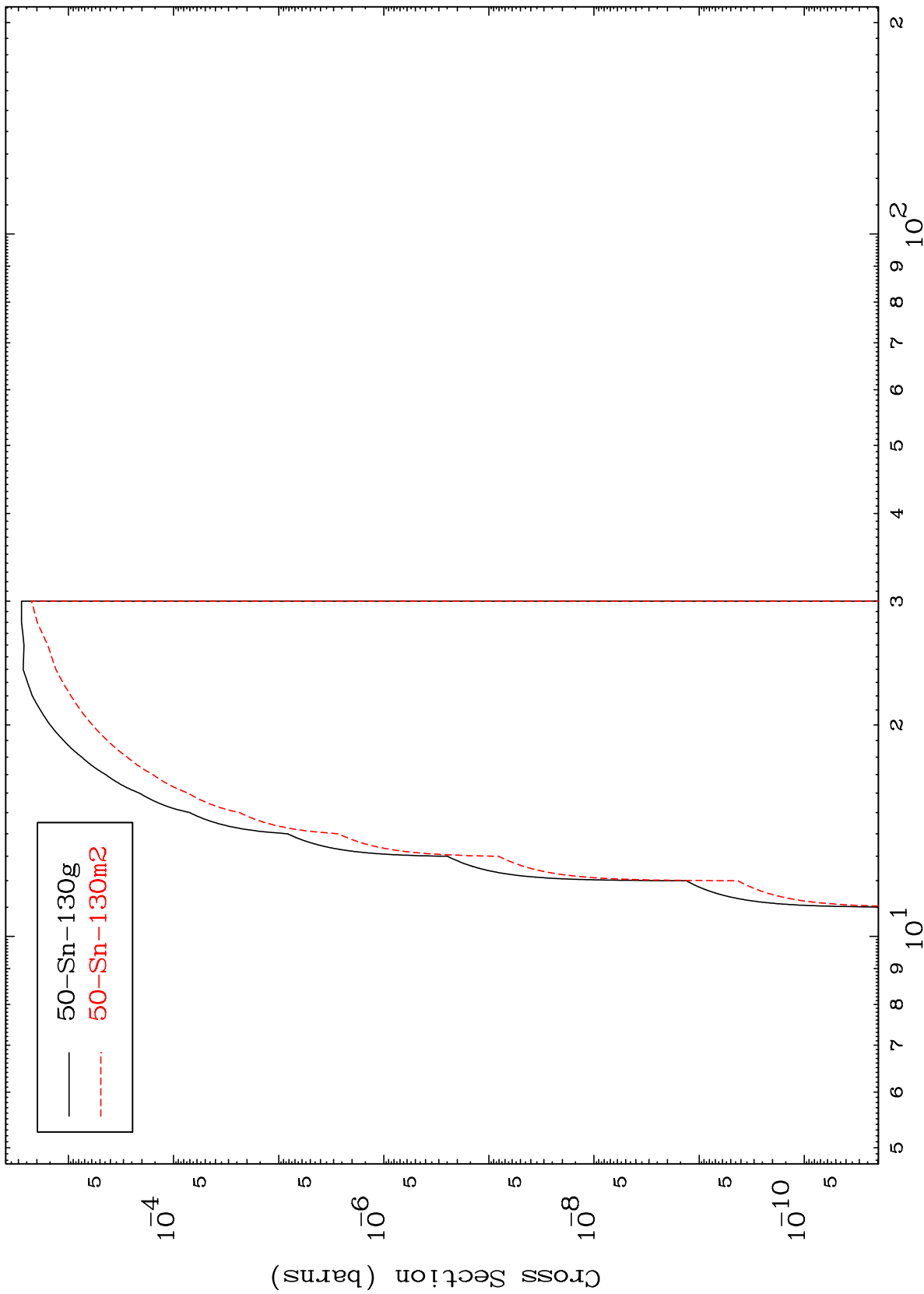
Incident Energy (MeV)

49-In-129

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49-In-129

(α, t)
Radionuclide Production Cross Section

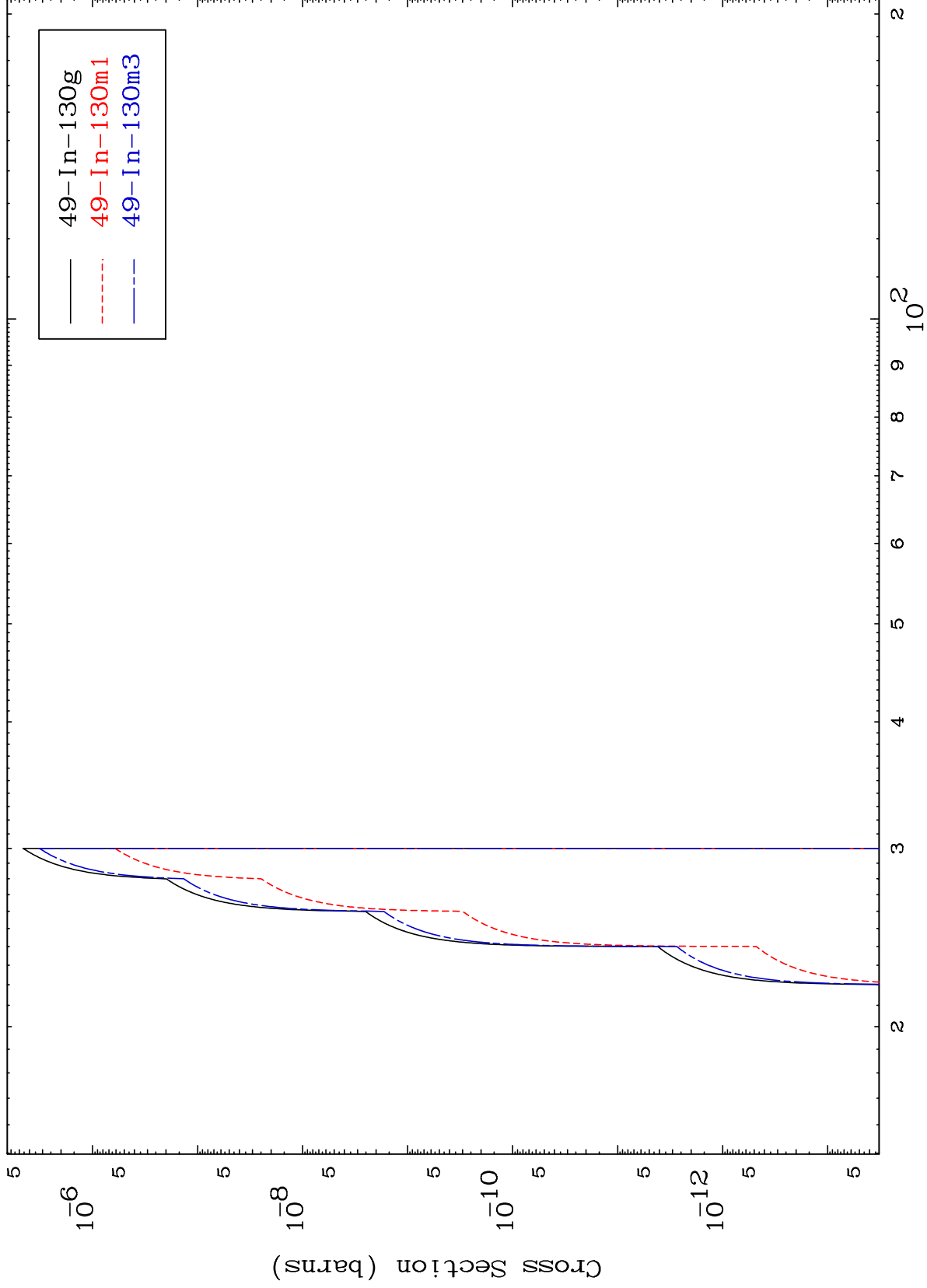


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Incident Energy (MeV)

49-In-129

Radionuclide Production Cross Section

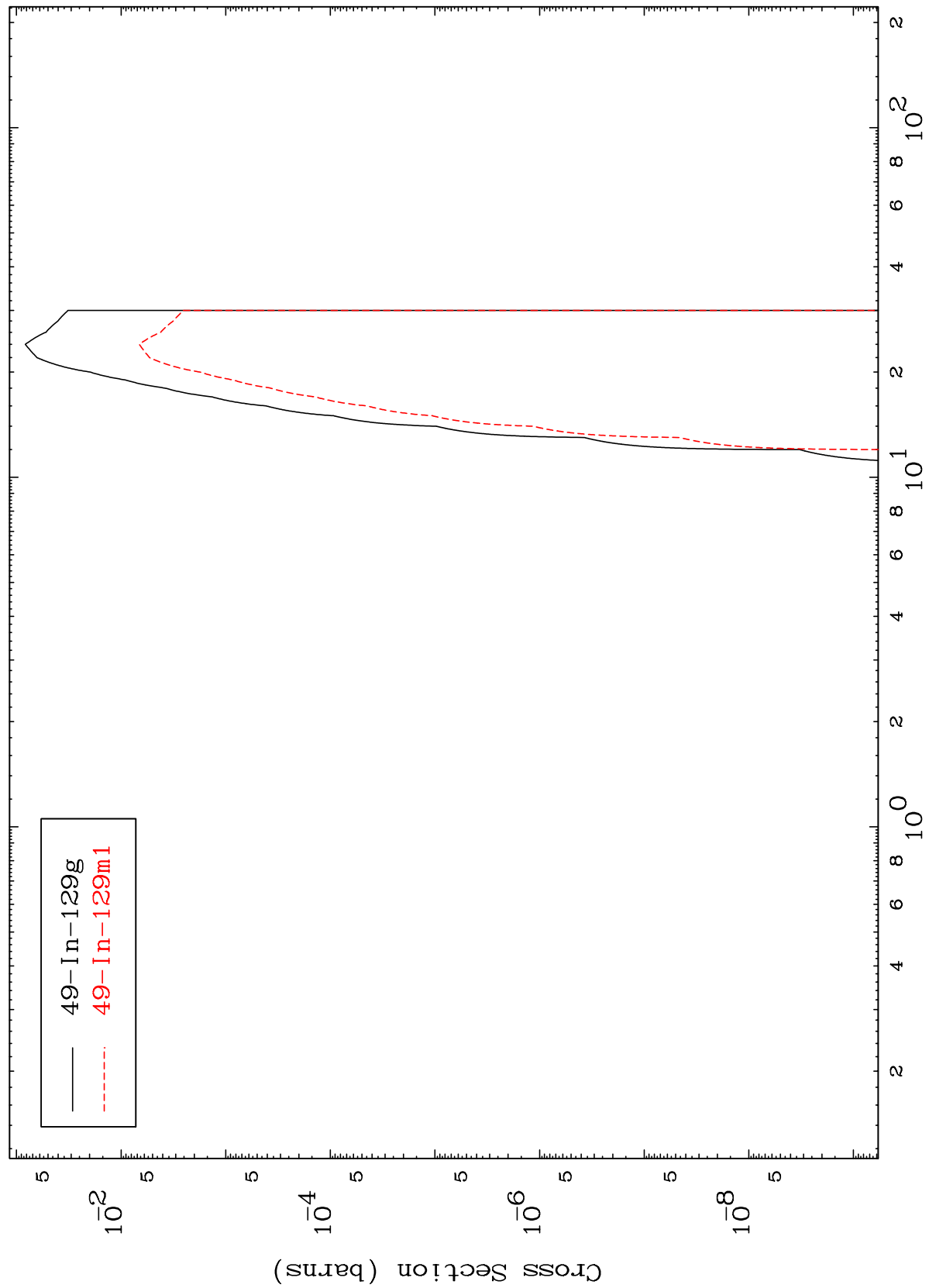


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49-In-129

(α, α)

Radionuclide Production Cross Section



28

49-In-129

Incident Energy (MeV)