

Program EVALPLOT
(Version 2021-1)

by

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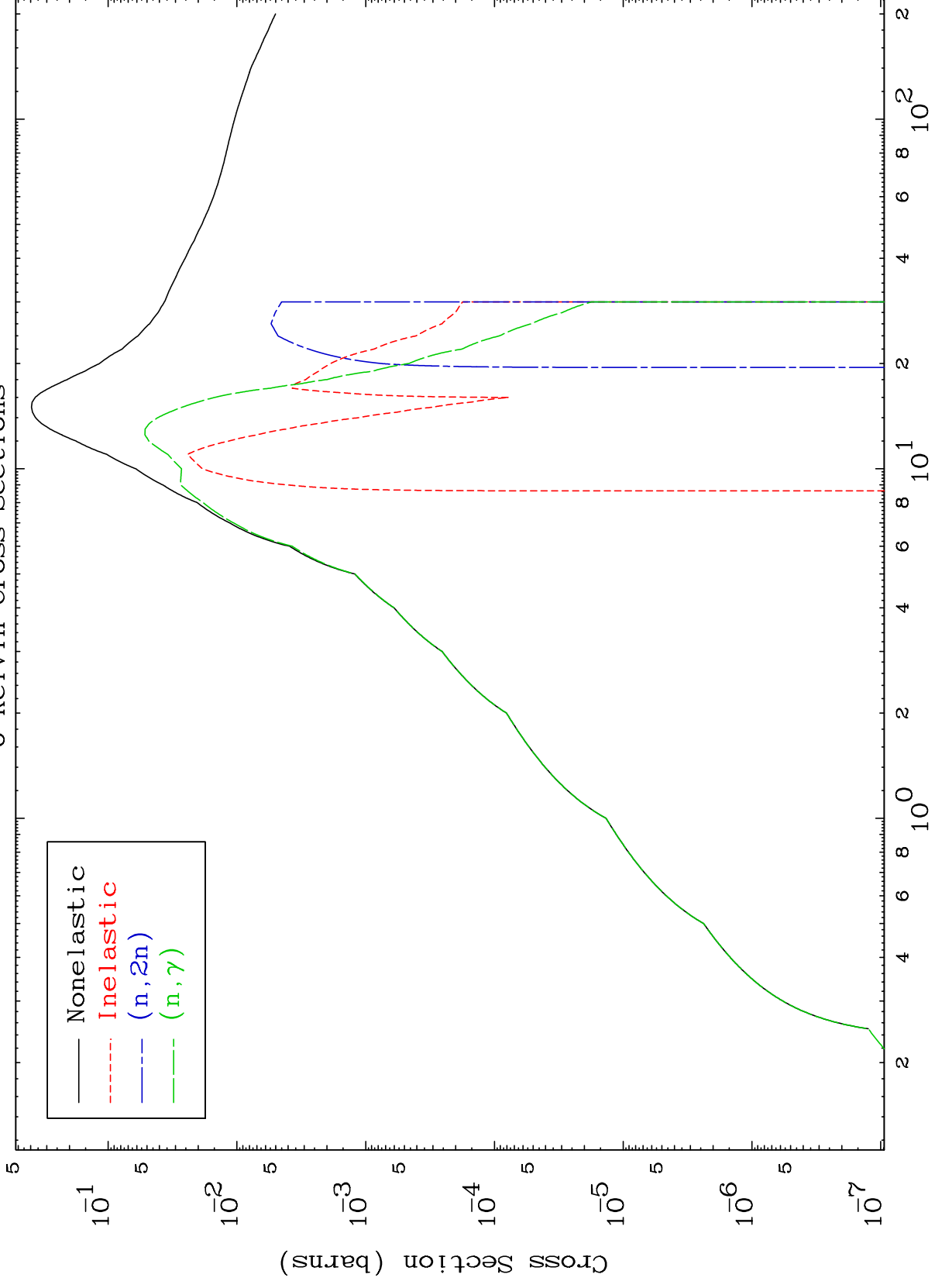
Press Mouse Button to Start

MAT 6986

Photon Major

70-Yb-155

0 Kelvin Cross Sections

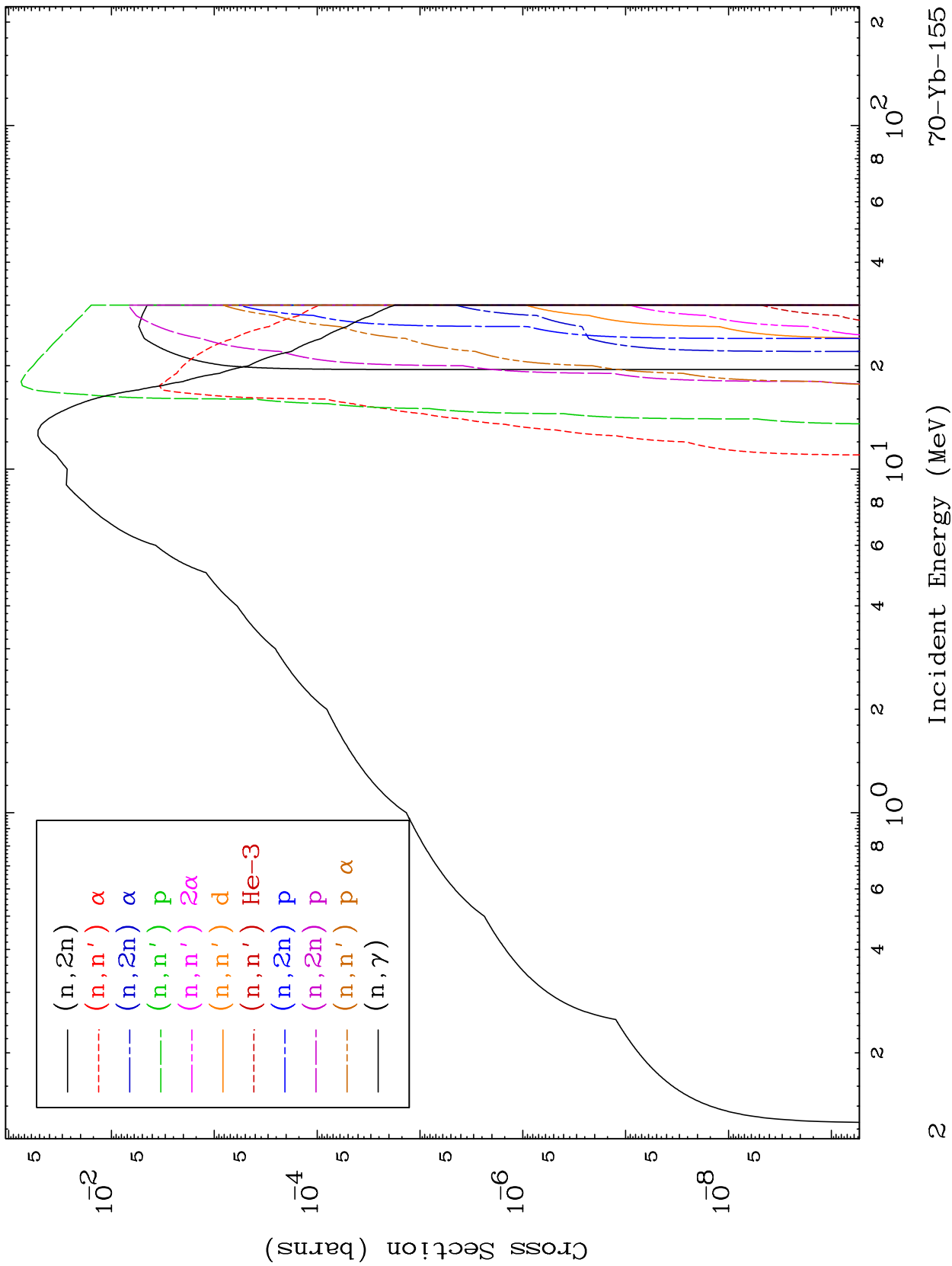


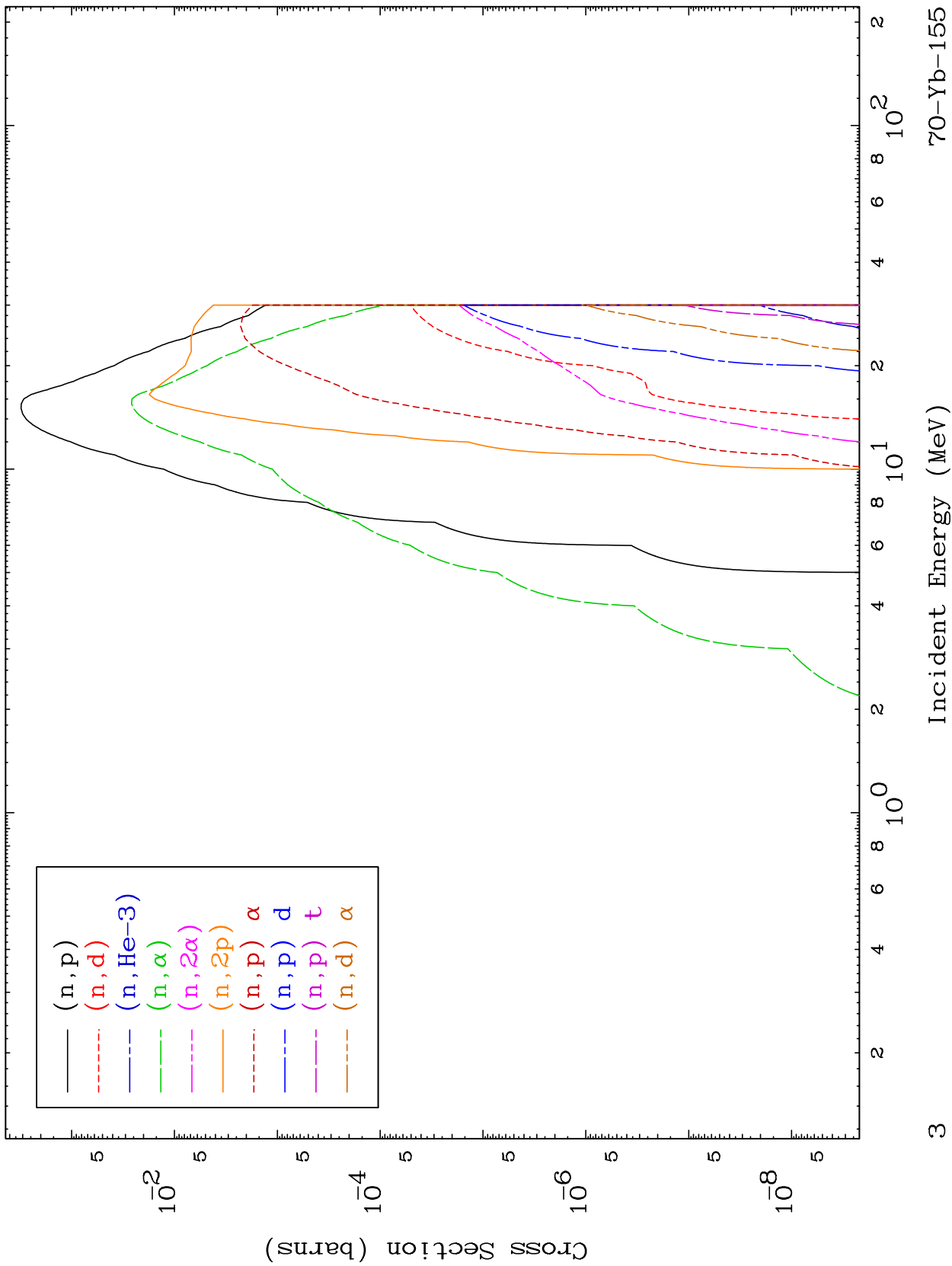
Legend:
— Nonelastic
- - - Inelastic
- . - (n, 2n)
- - - (n, γ)

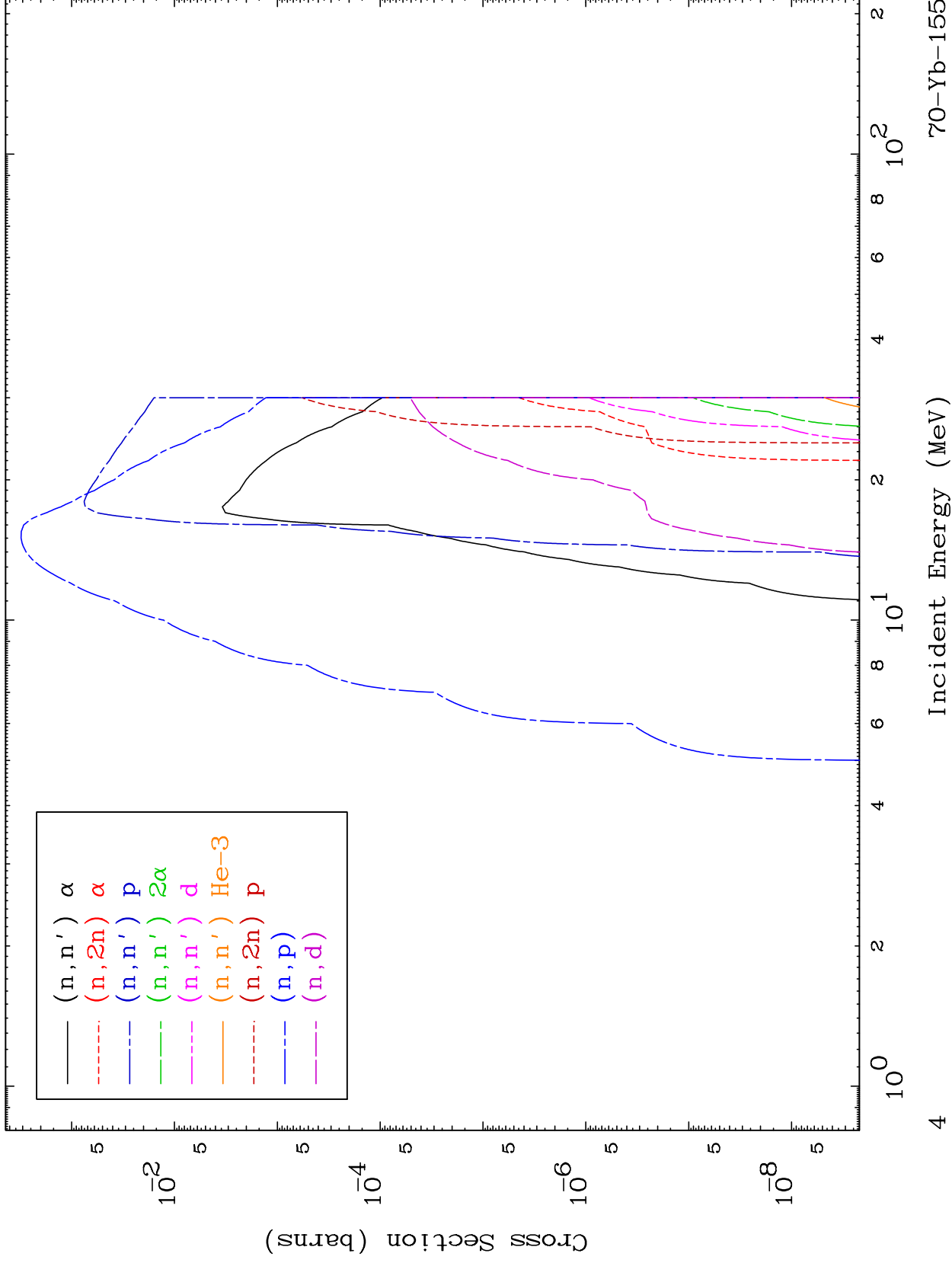
MAT 6986

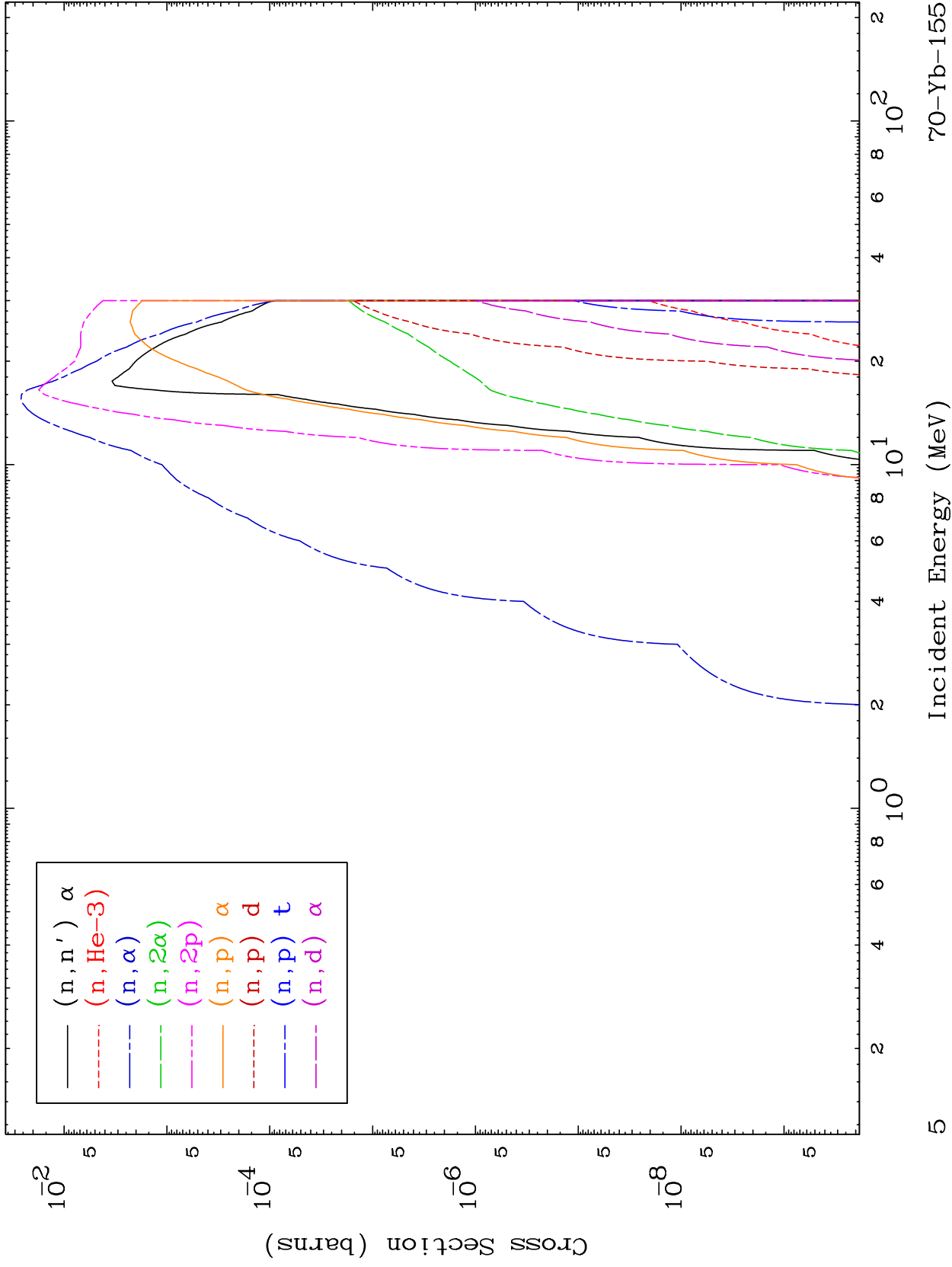
Photon Neutron Absorption
0 Kelvin Cross Sections

70-Yb-155







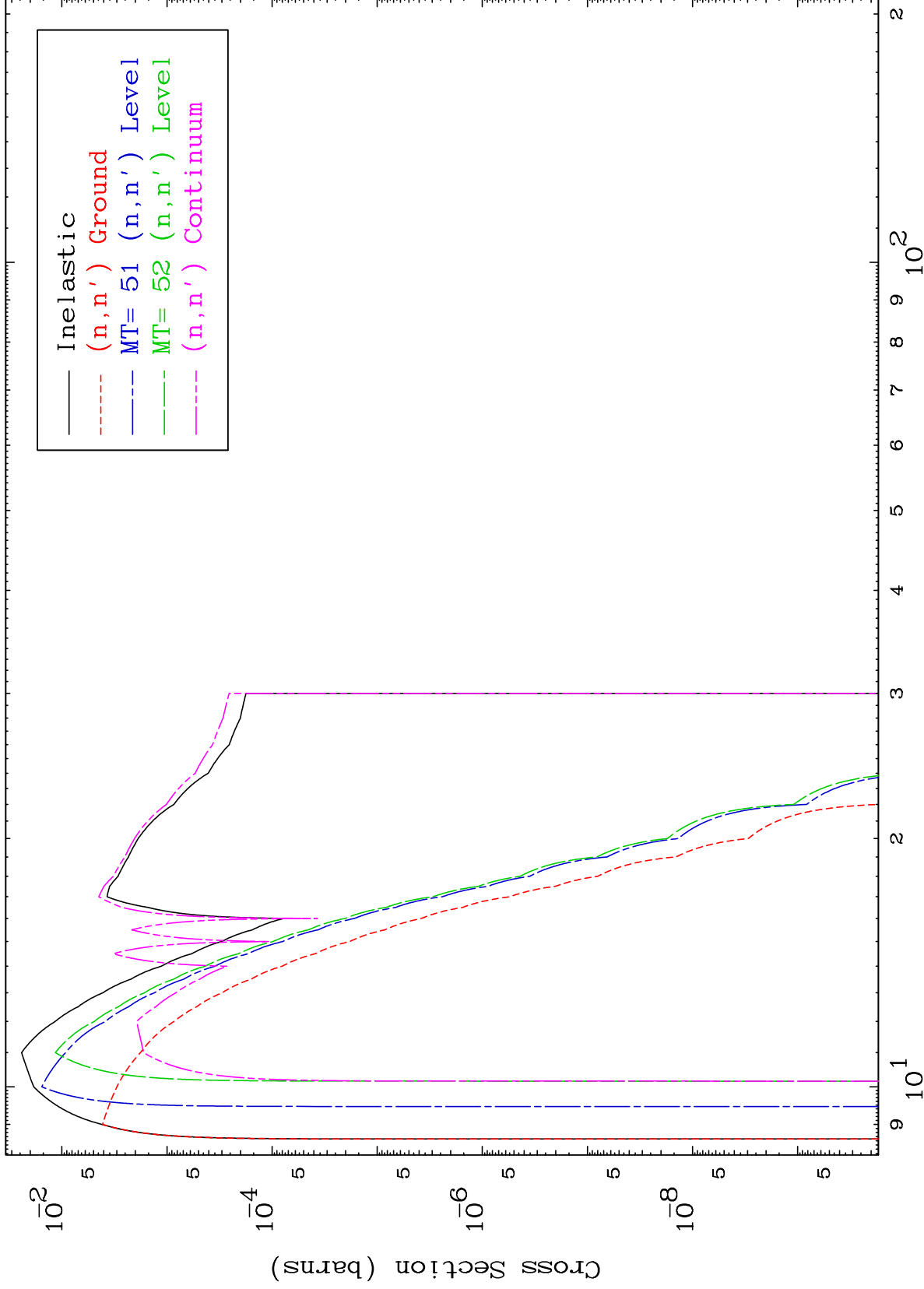


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(γ, n') Levels

70-Yb-155

0 Kelvin Cross Sections



Incident Energy (MeV)

70-Yb-155

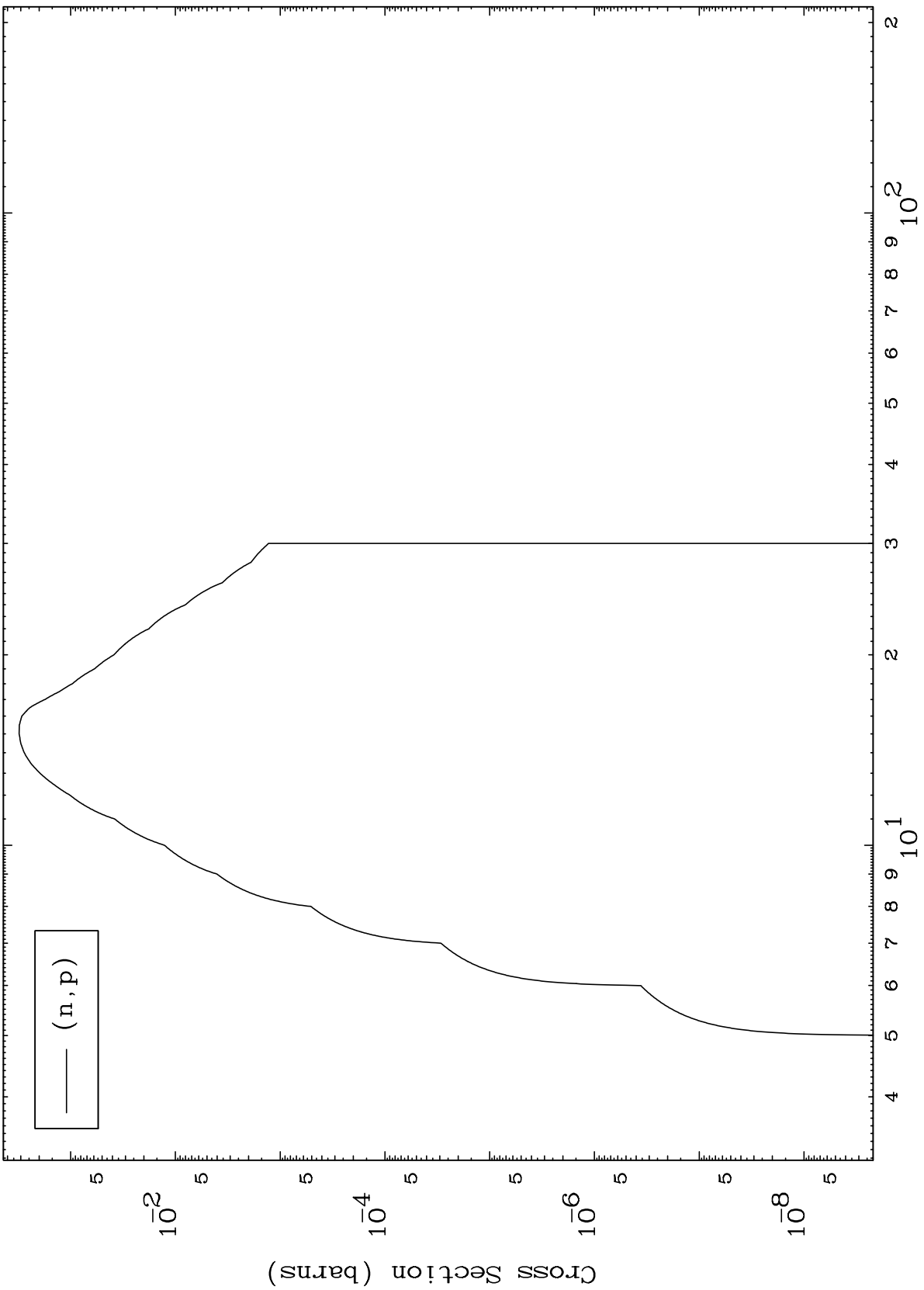
6

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(γ, p) Levels

70-Yb-155

0 Kelvin Cross Sections

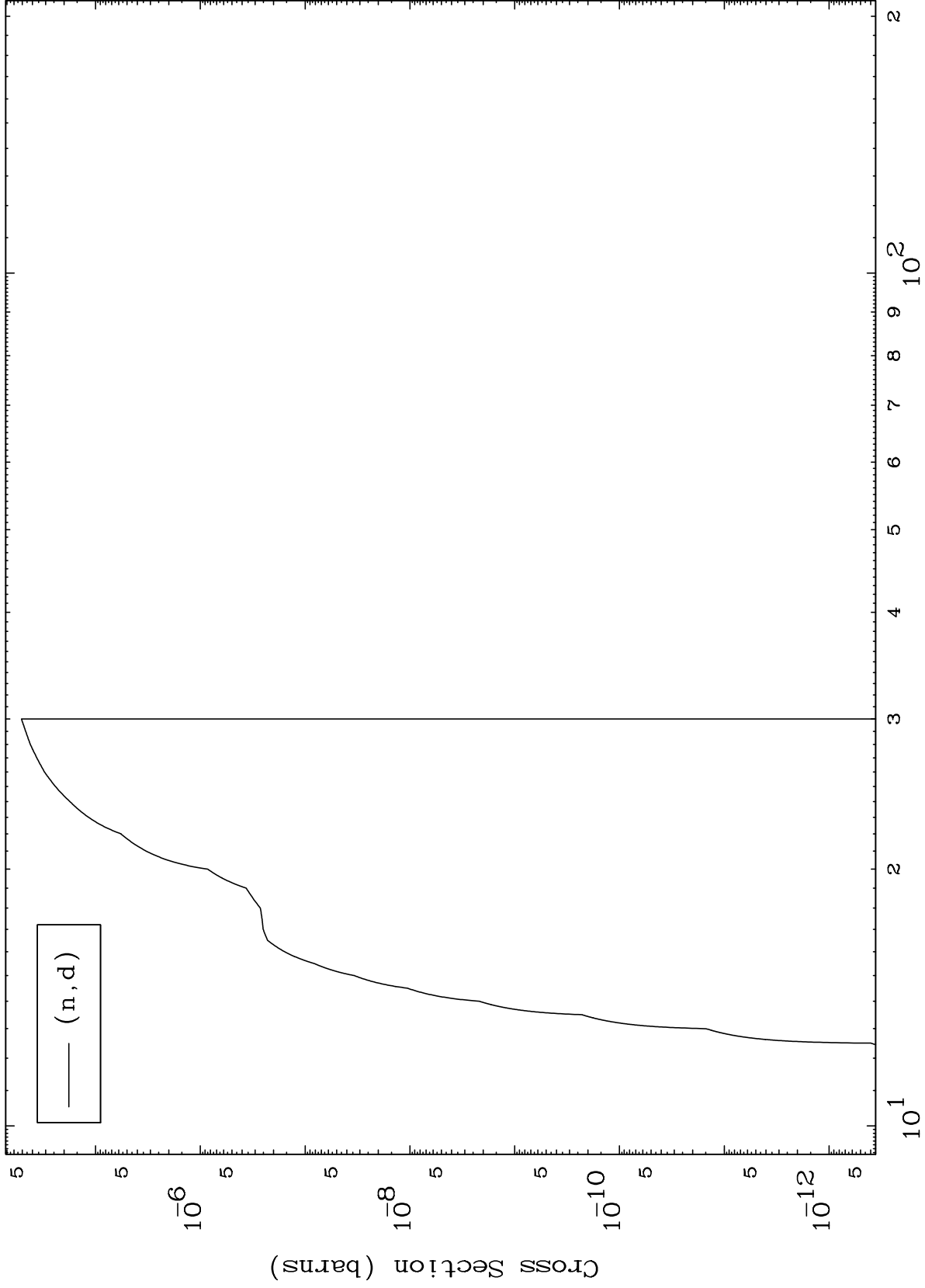


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(γ, d) Levels

70-Yb-155

0 Kelvin Cross Sections



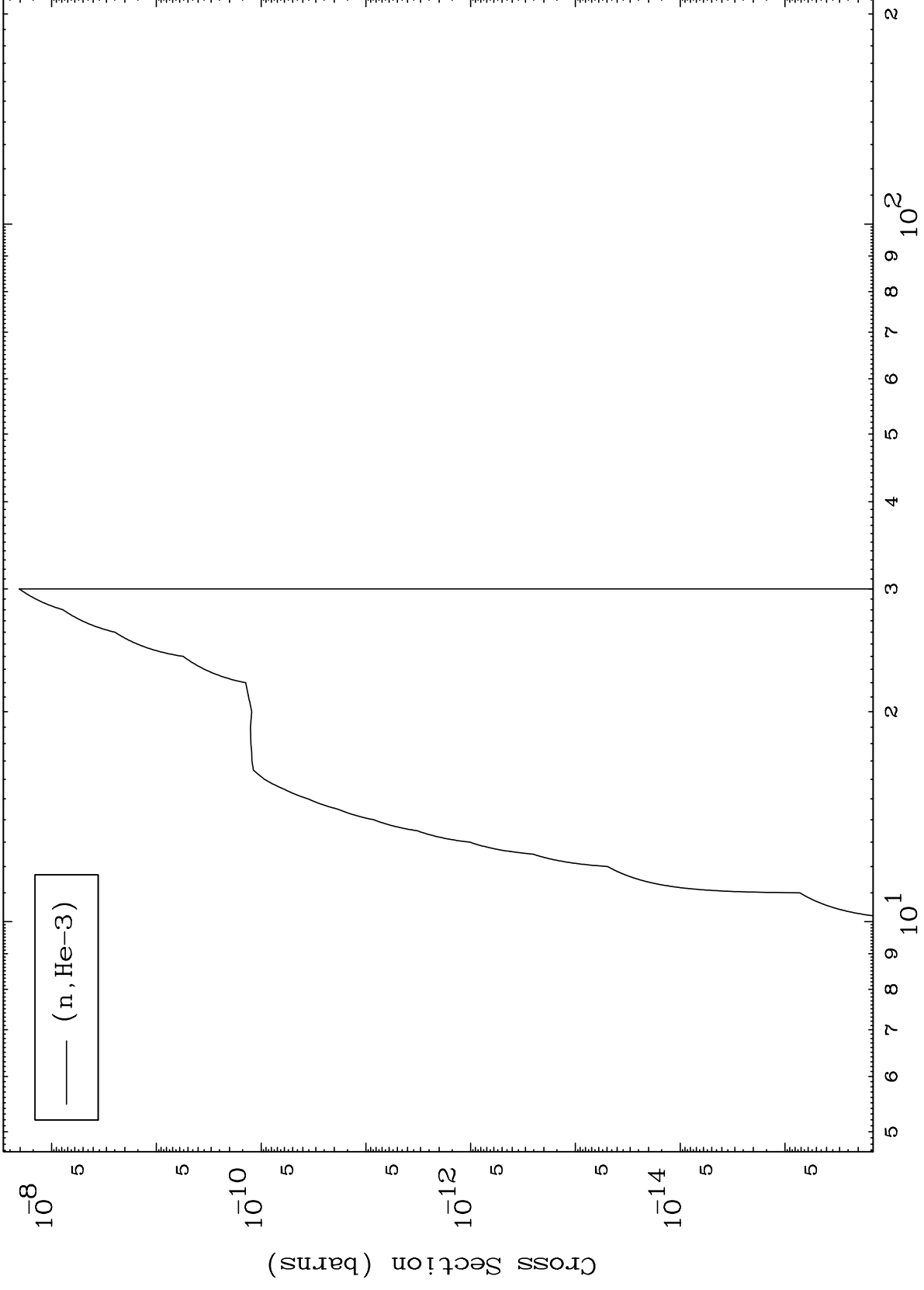
Incident Energy (MeV)

70-Yb-155

MAT 6986

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

70-Yb-155

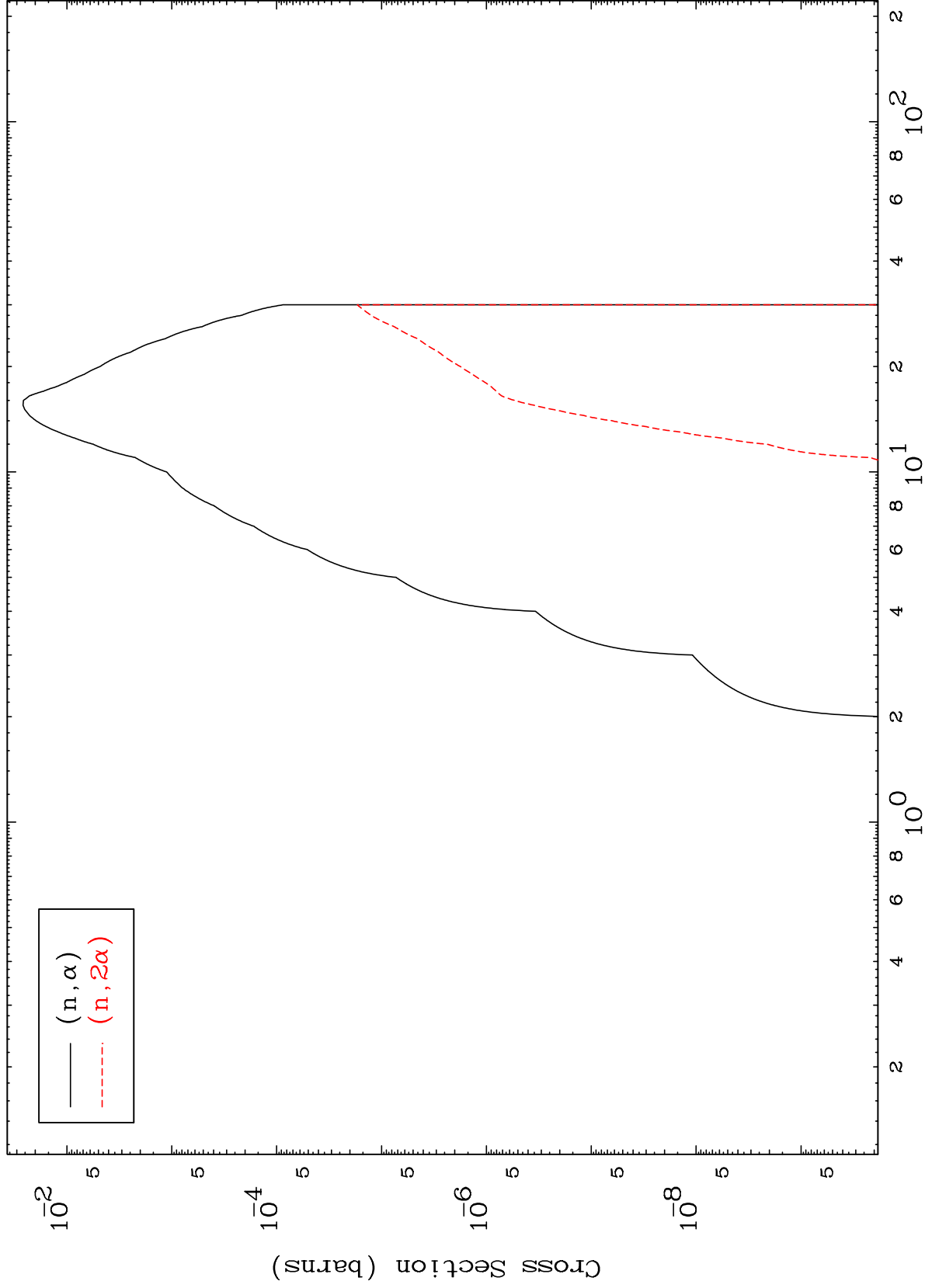


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(γ, α) Levels

70-Yb-155

0 Kelvin Cross Sections



10

Incident Energy (MeV)

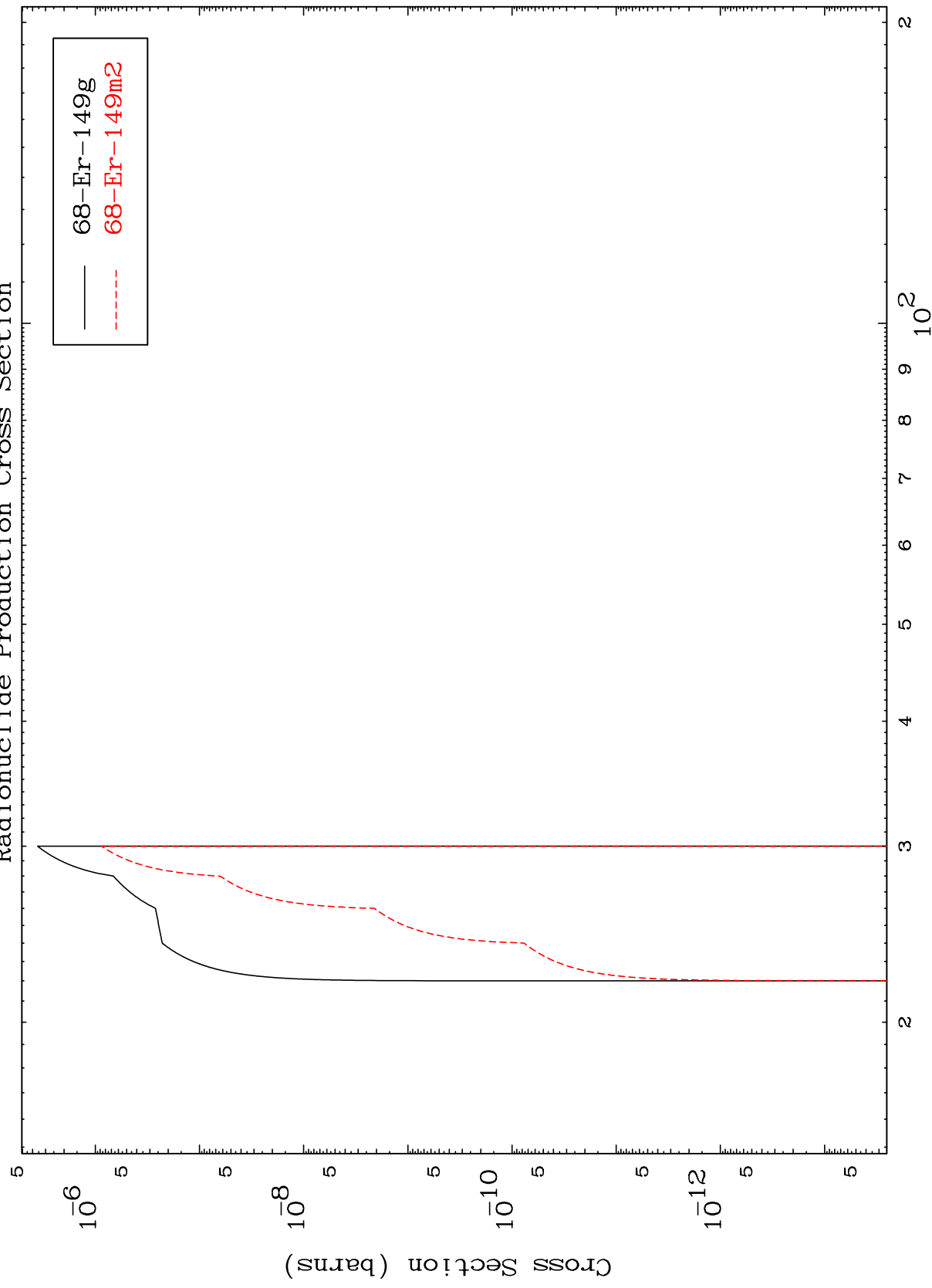
70-Yb-155

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$(n,2n) \alpha$

70-Yb-155

Radionuclide Production Cross Section

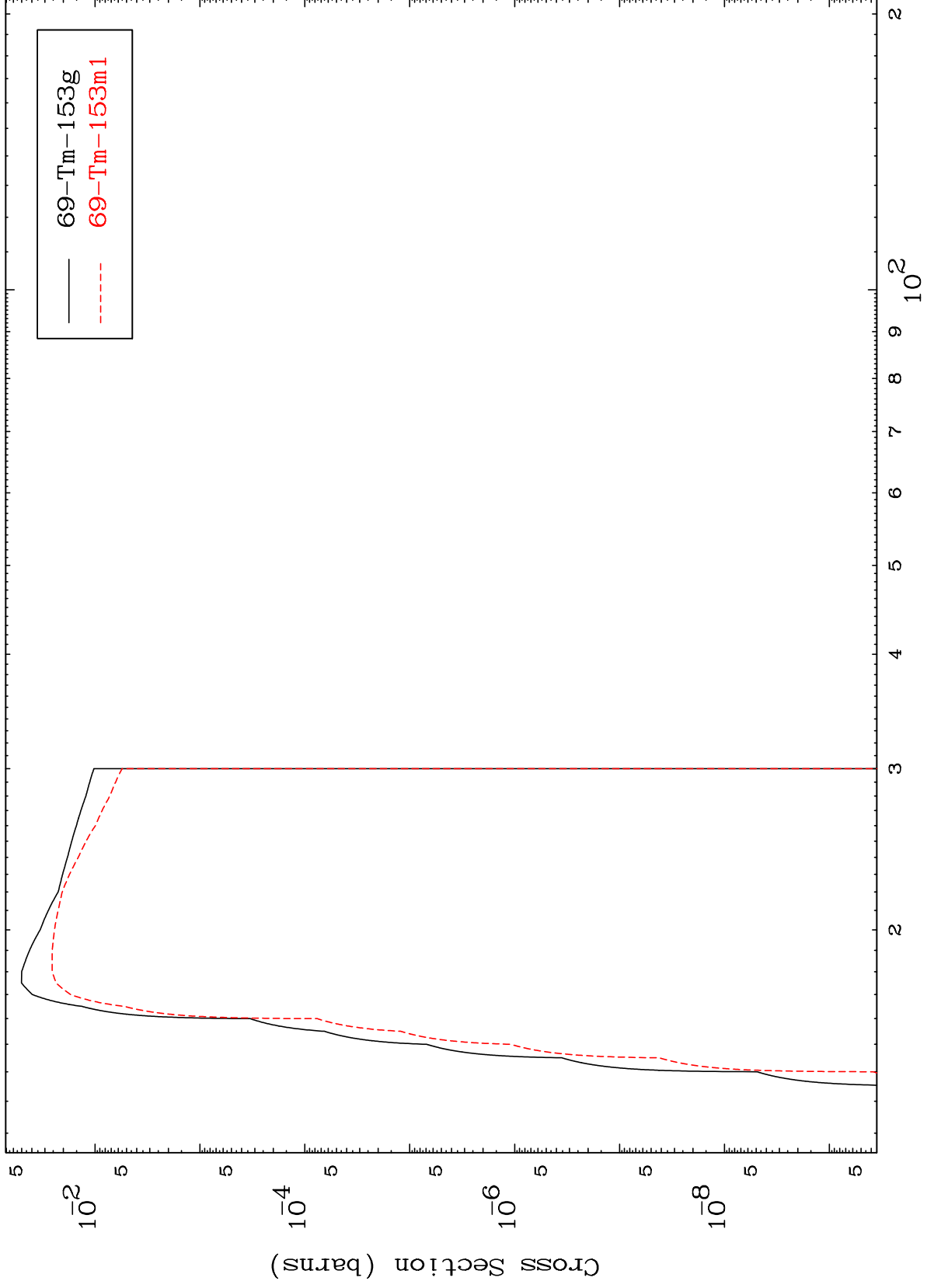


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(n,n') p

70-Yb-155

Radionuclide Production Cross Section



12

Incident Energy (MeV)

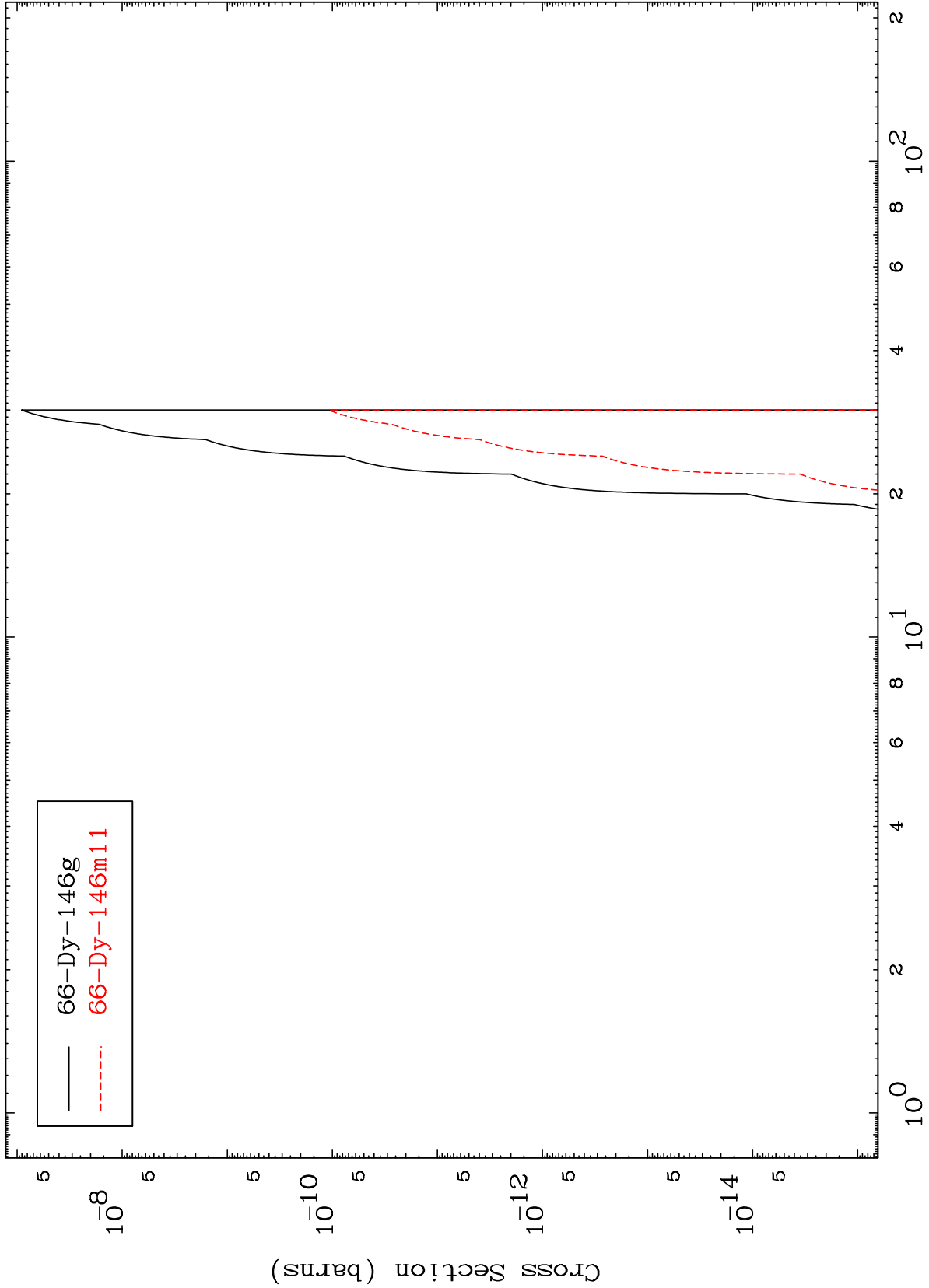
70-Yb-155

MAT 6986

(n,n') 2 α

70-Yb-155

Radionuclide Production Cross Section



13

Incident Energy (MeV)

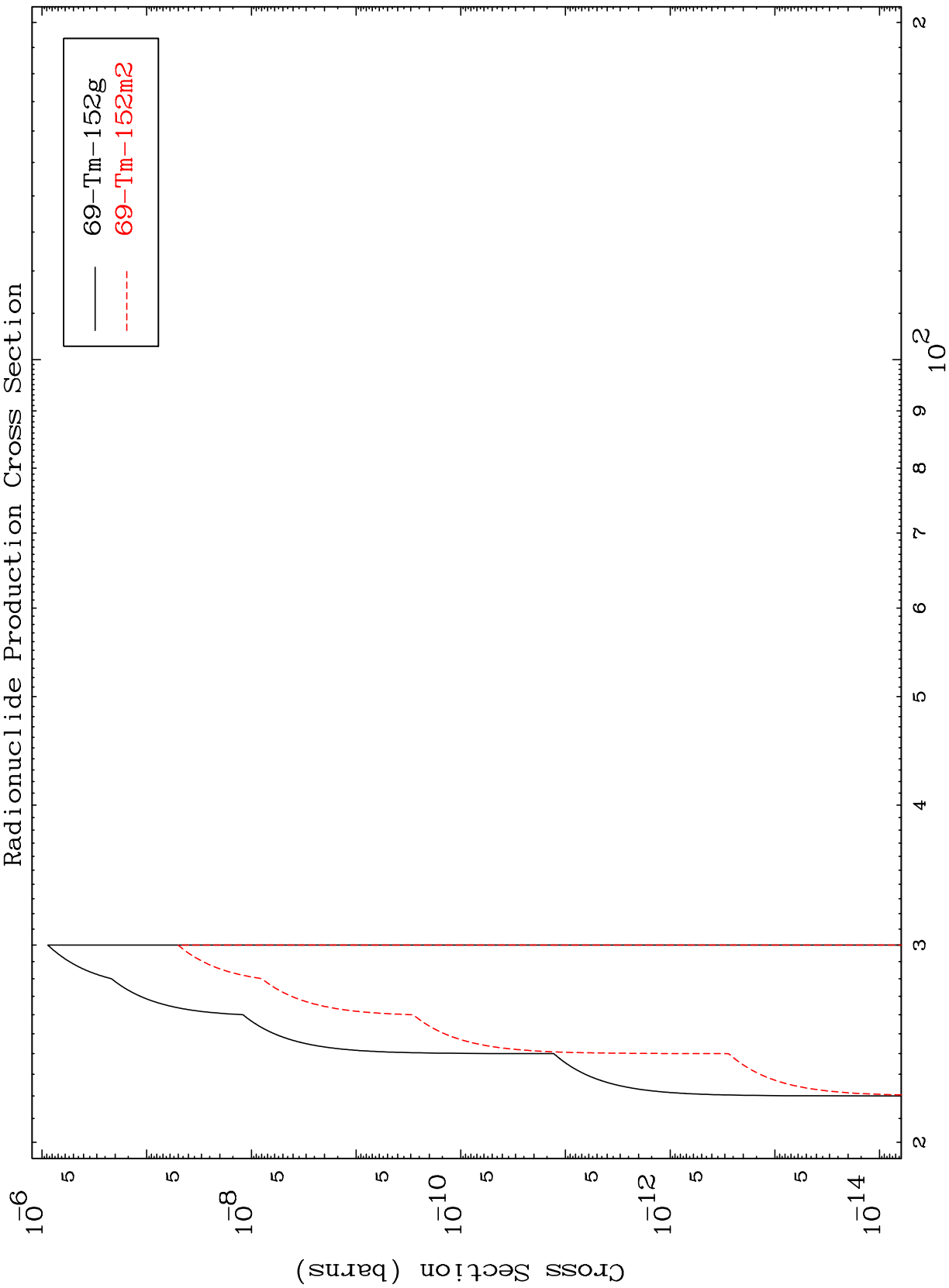
70-Yb-155

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(n,n') d

70-Yb-155

Radionuclide Production Cross Section



14

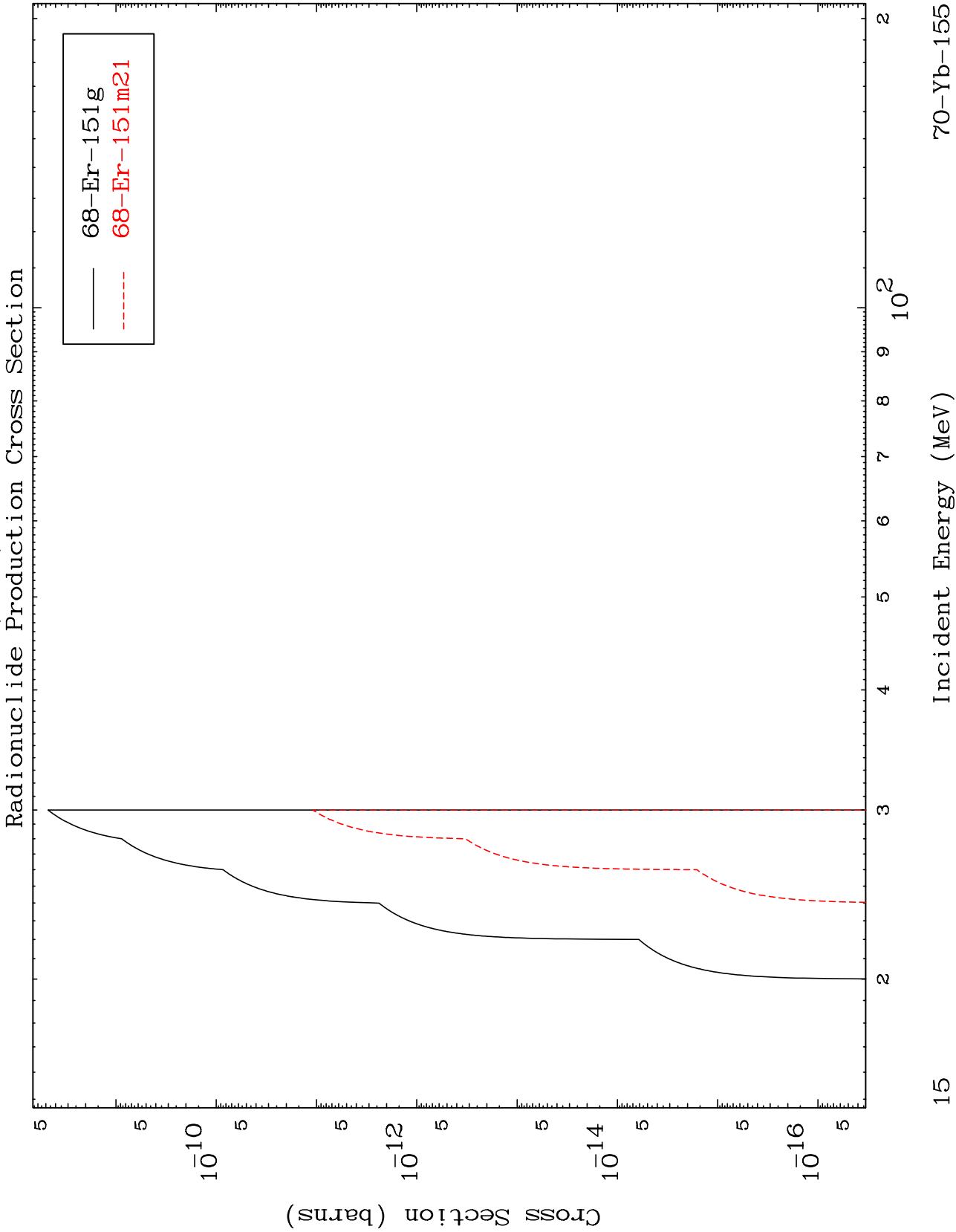
Incident Energy (MeV)

70-Yb-155

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(n,n') He-3

70-Yb-155



15

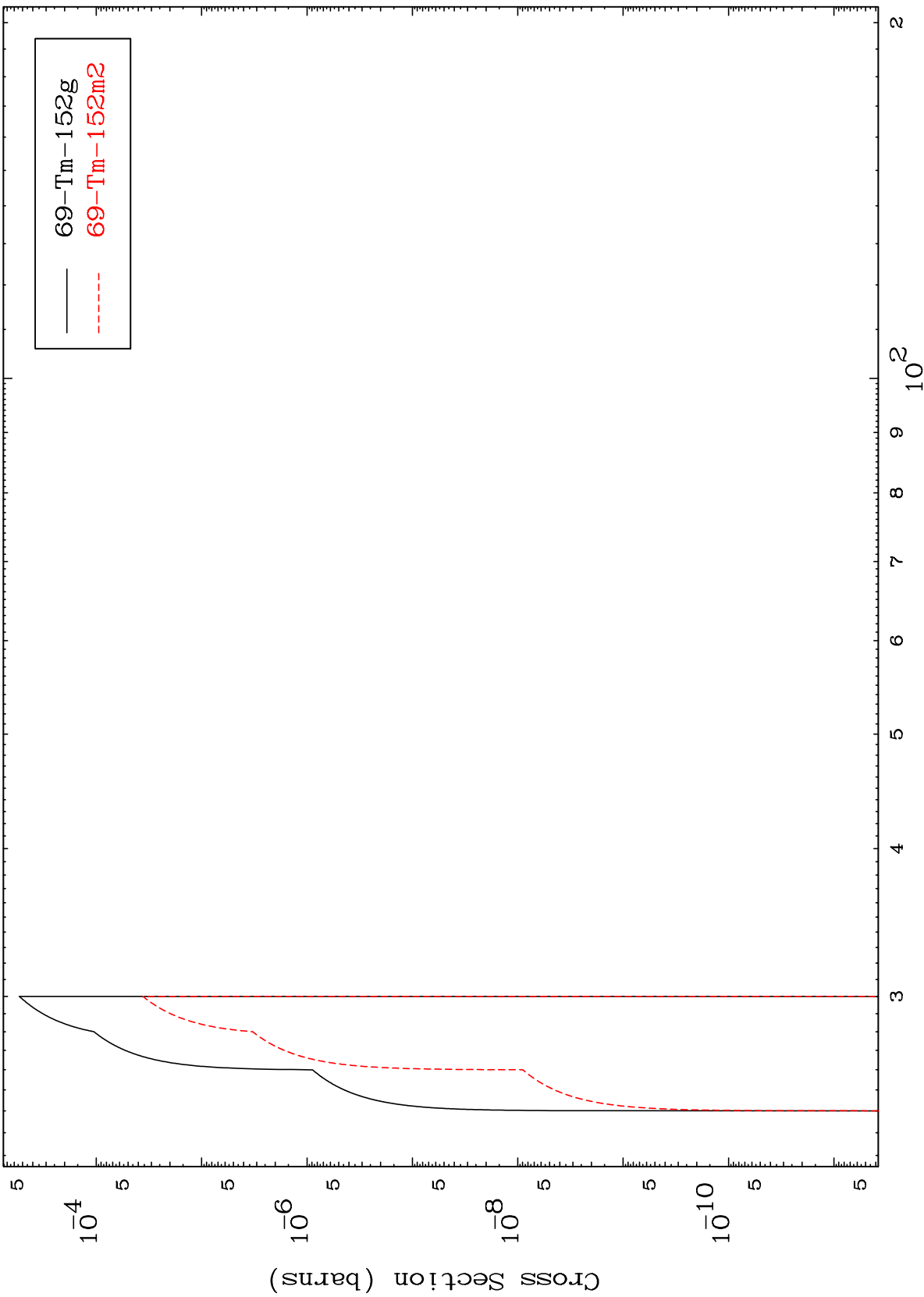
70-Yb-155

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(n,2n) p

70-Yb-155

Radionuclide Production Cross Section



16

Incident Energy (MeV)

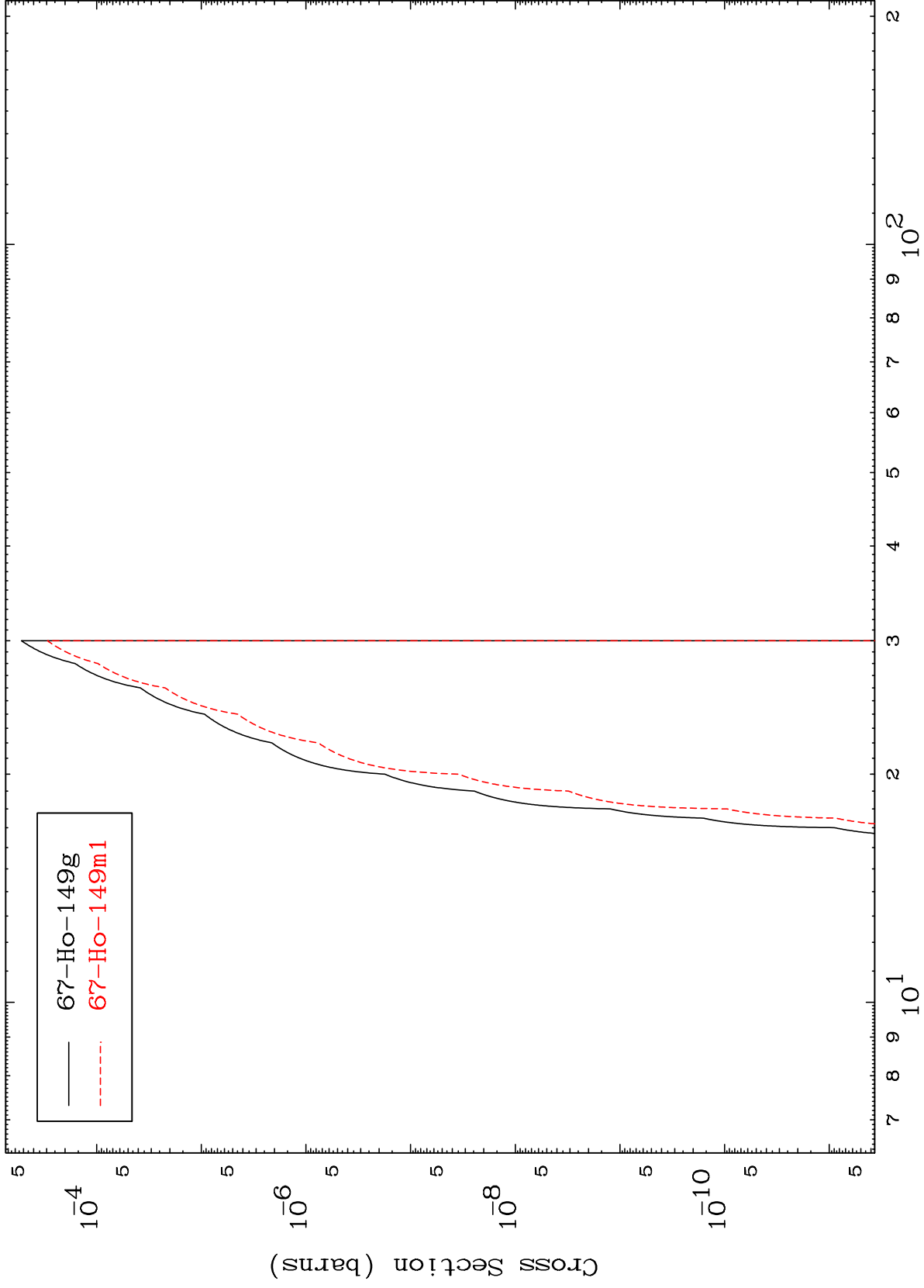
70-Yb-155

MAT 6986

(n,n') p α

70-Yb-155

Radionuclide Production Cross Section



17

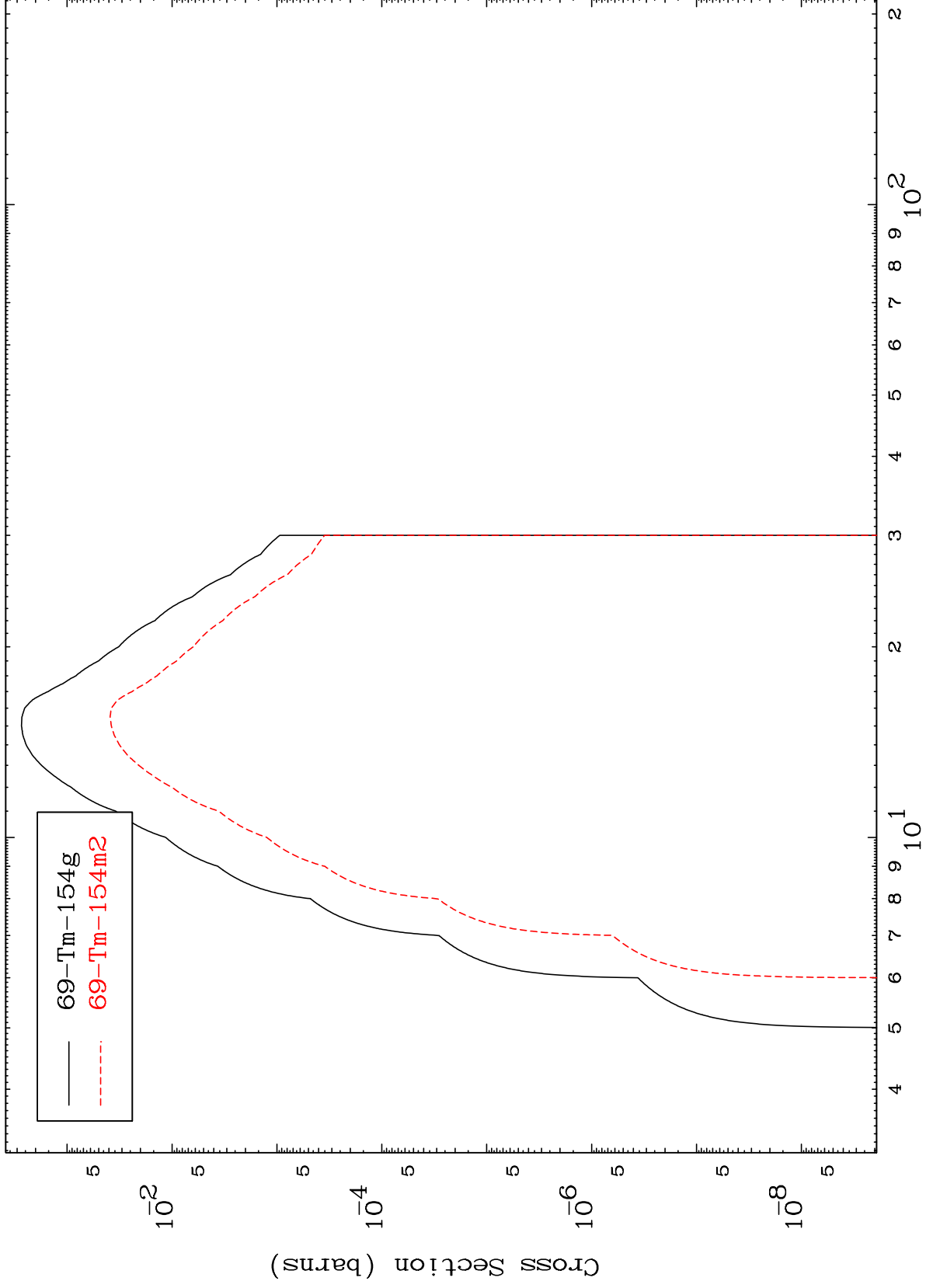
Incident Energy (MeV)

70-Yb-155

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70-Yb-155

Radionuclide Production Cross Section
(n,p)



18

Incident Energy (MeV)

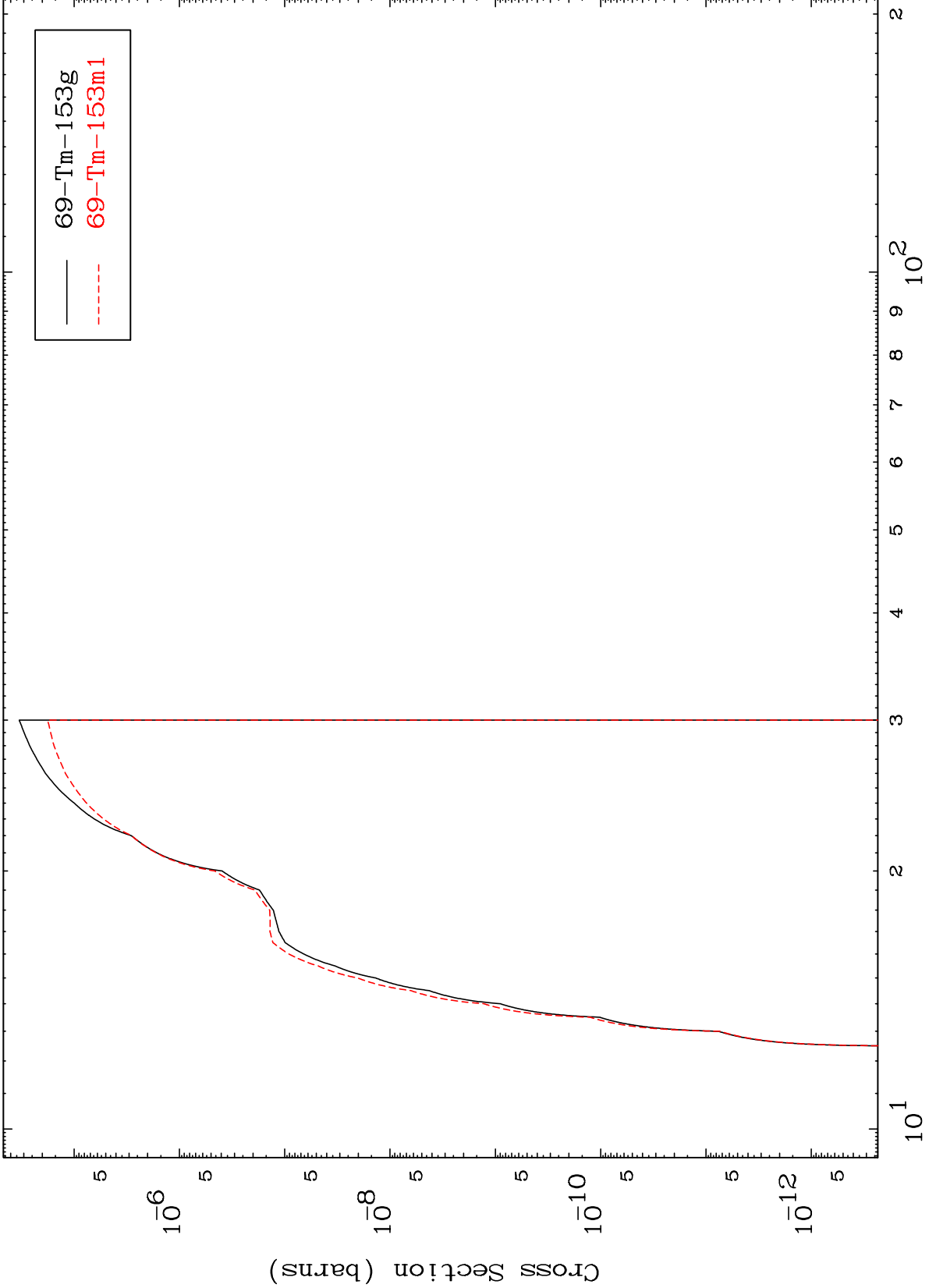
70-Yb-155

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(n,d)

70-Yb-155

Radionuclide Production Cross Section



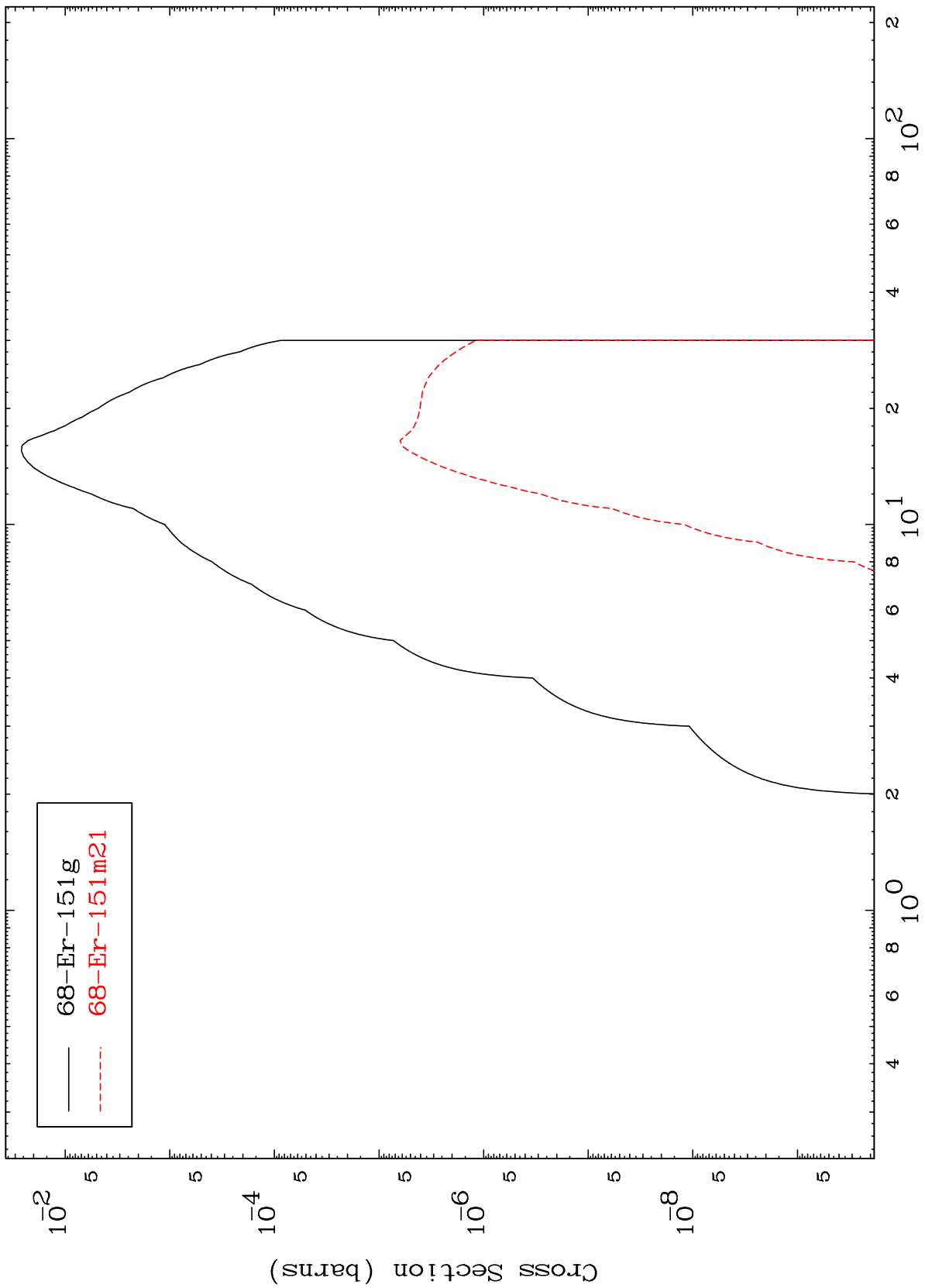
Incident Energy (MeV)

70-Yb-155

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70-Yb-155

(n, α)
Radionuclide Production Cross Section

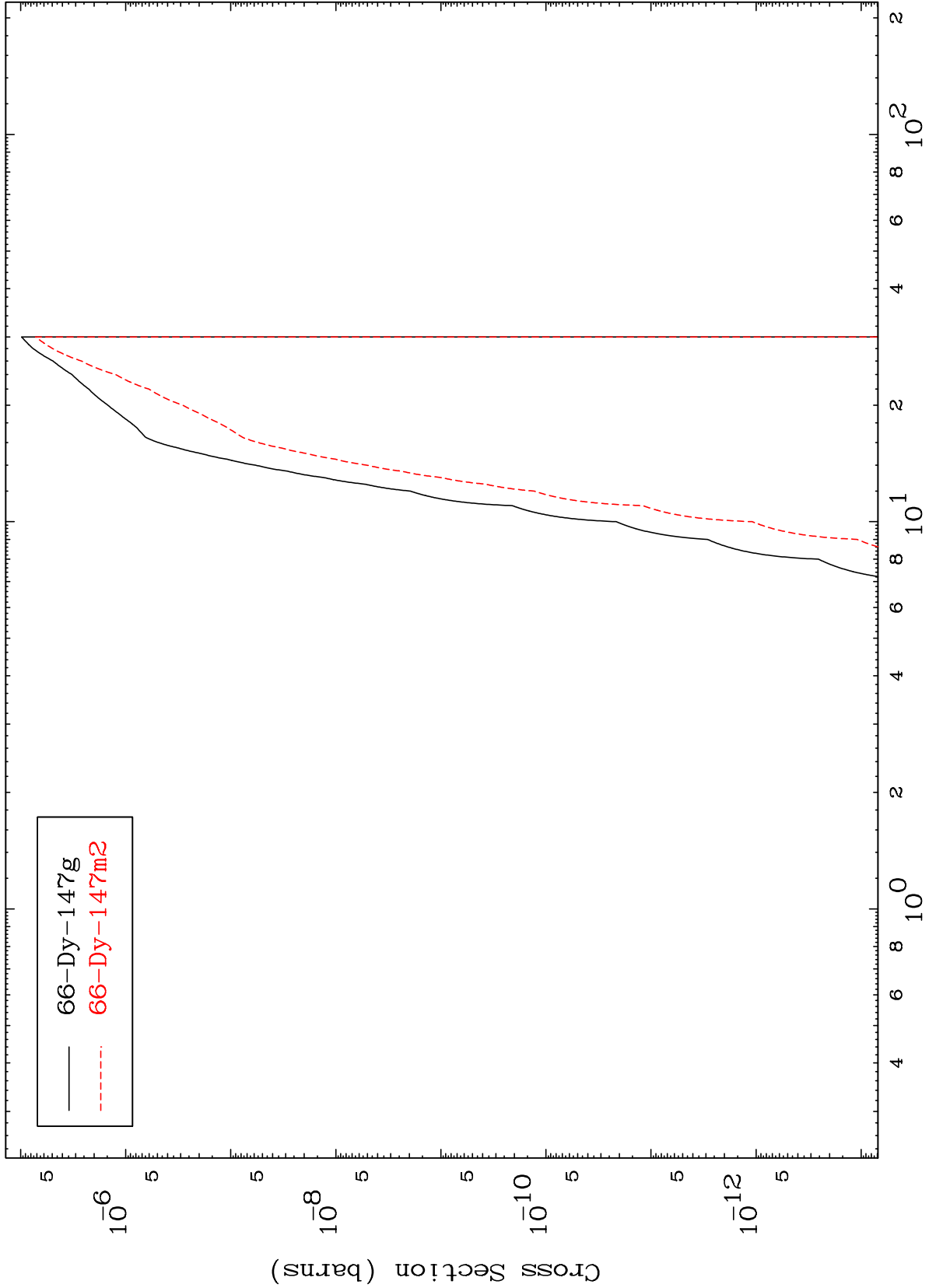


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(n,2α)

70-Yb-155

Radionuclide Production Cross Section

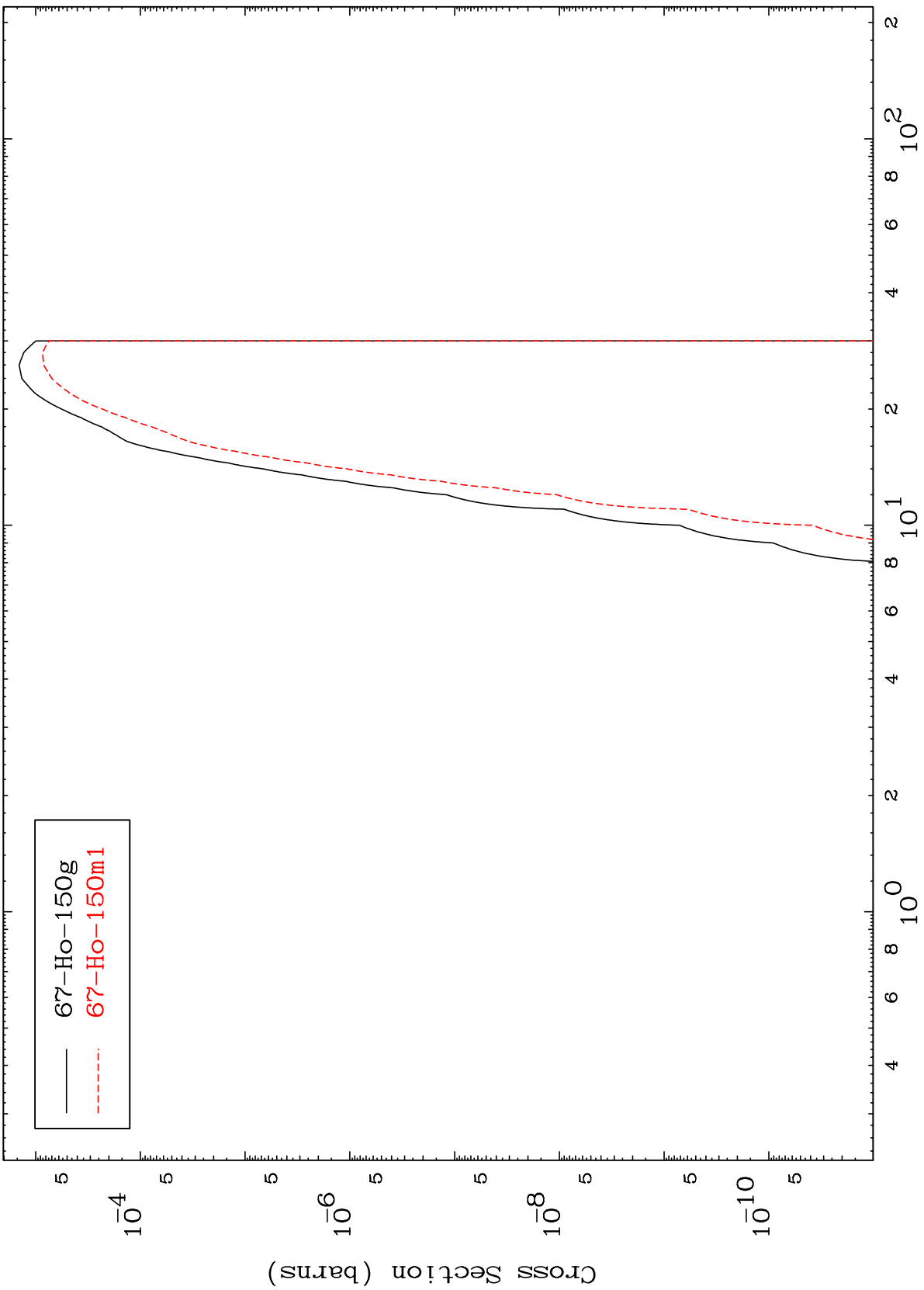


MAT 6986

(n,p) α

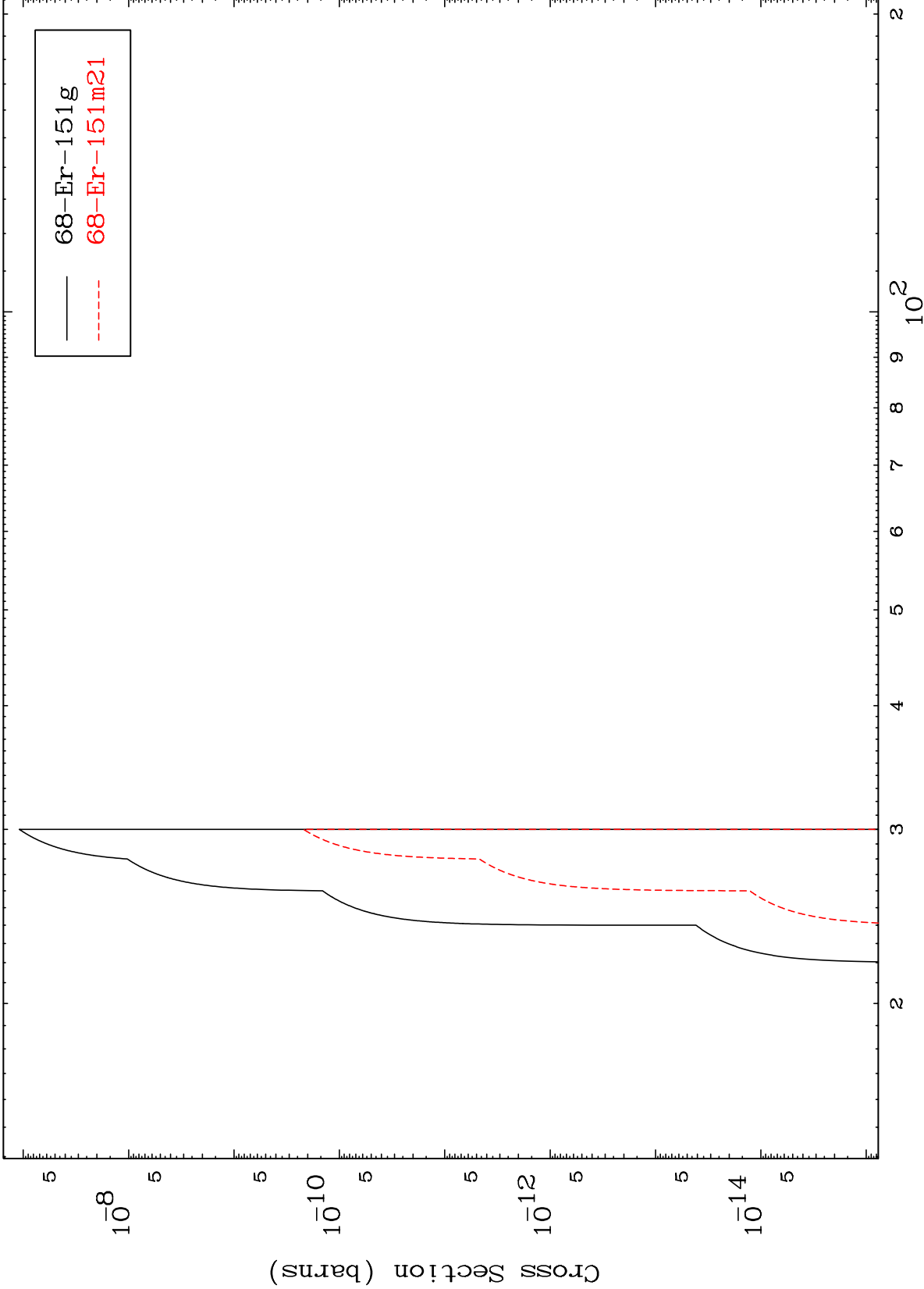
70-Yb-155

Radionuclide Production Cross Section



67-Ho-150g
67-Ho-150m1

Radionuclide Production Cross Section

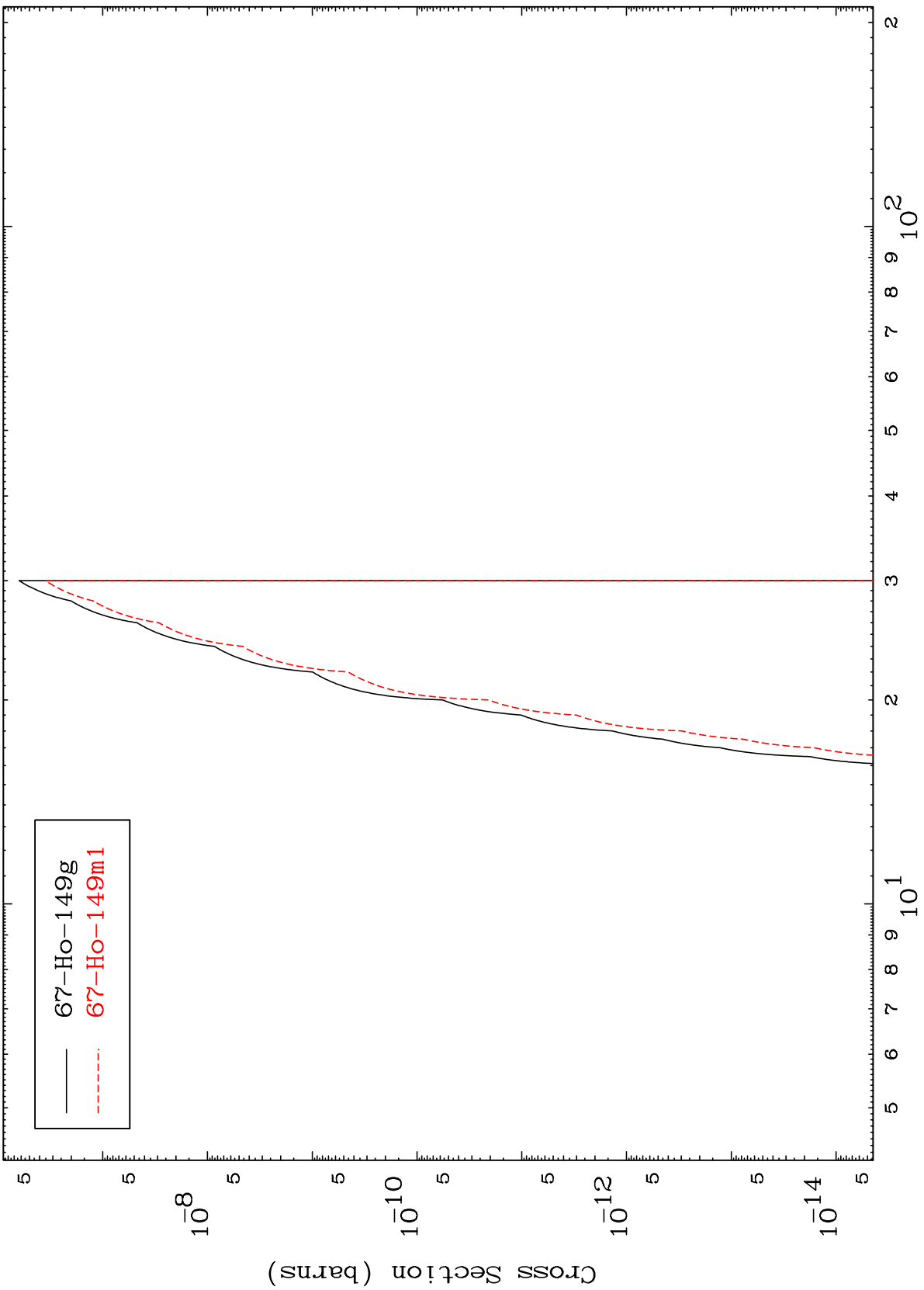


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(n,d) α

70-Yb-155

Radionuclide Production Cross Section



24

Incident Energy (MeV)

70-Yb-155