

Program EVALPLOT
(Version 2017-1)

by

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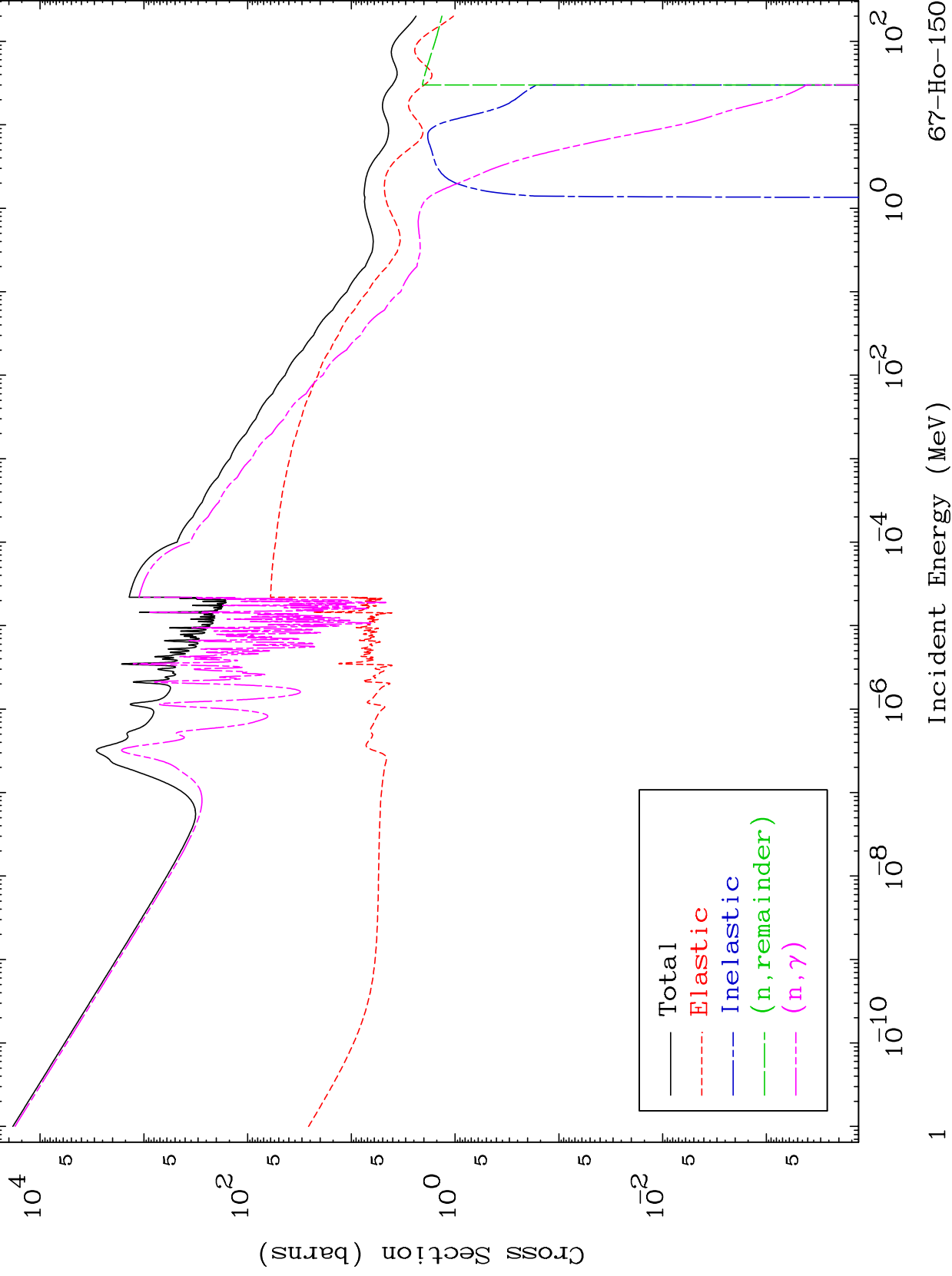
Press Mouse Button to Start

MAT 6681

Major

293 Kelvin Cross Sections

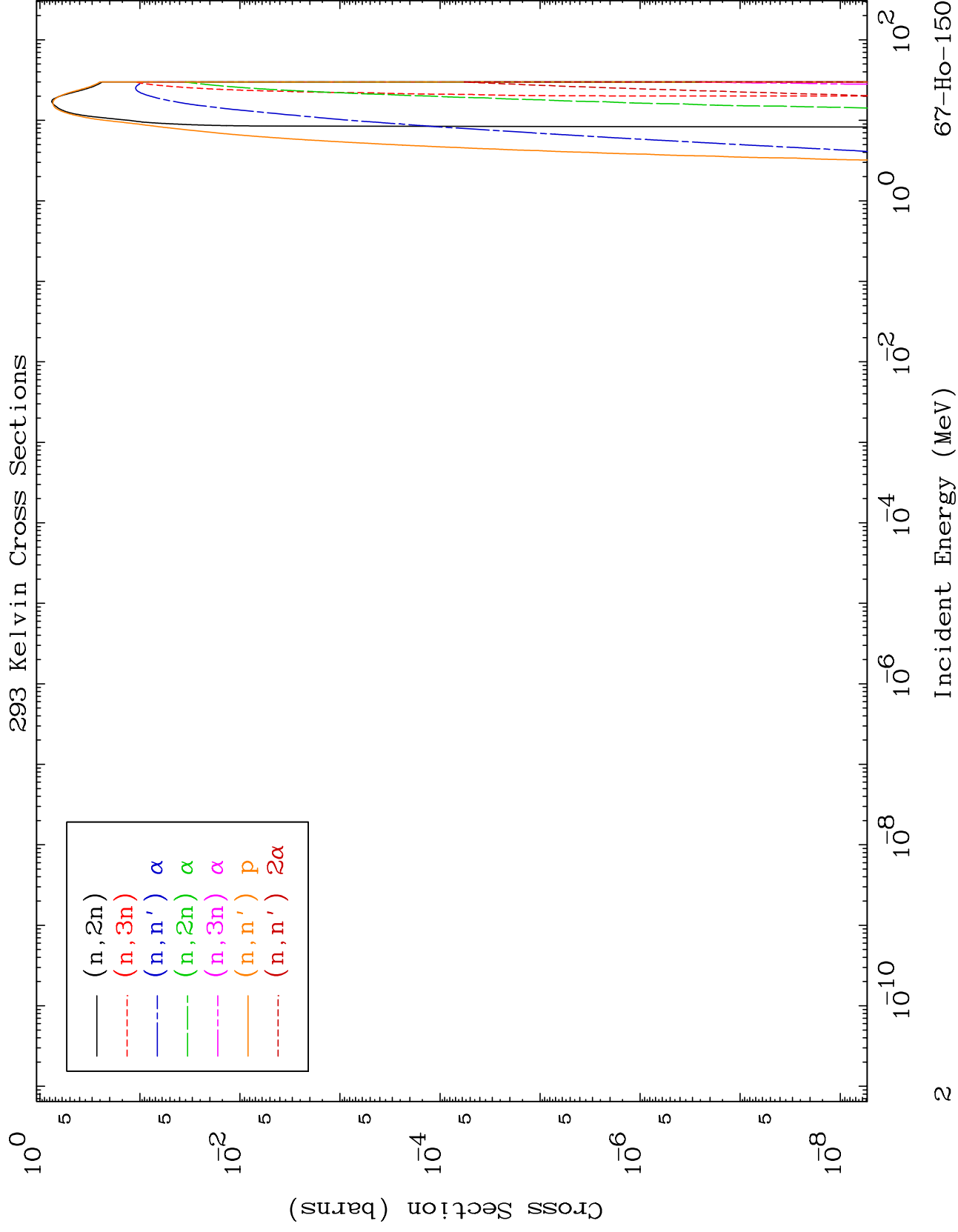
67-Ho-150



MAT 6681

Neutron Production
293 Kelvin Cross Sections

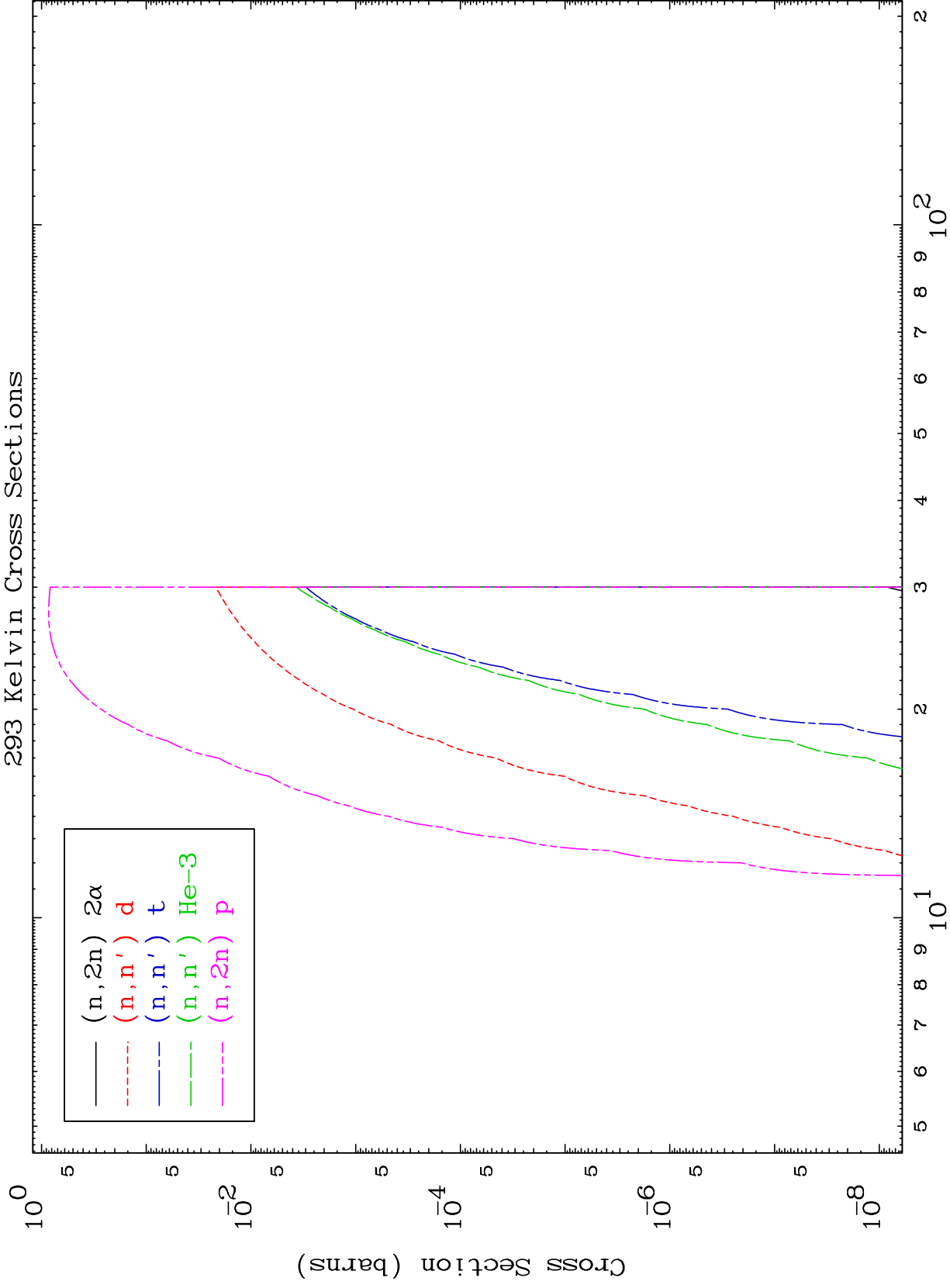
67-Ho-150



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Neutron Production
293 Kelvin Cross Sections

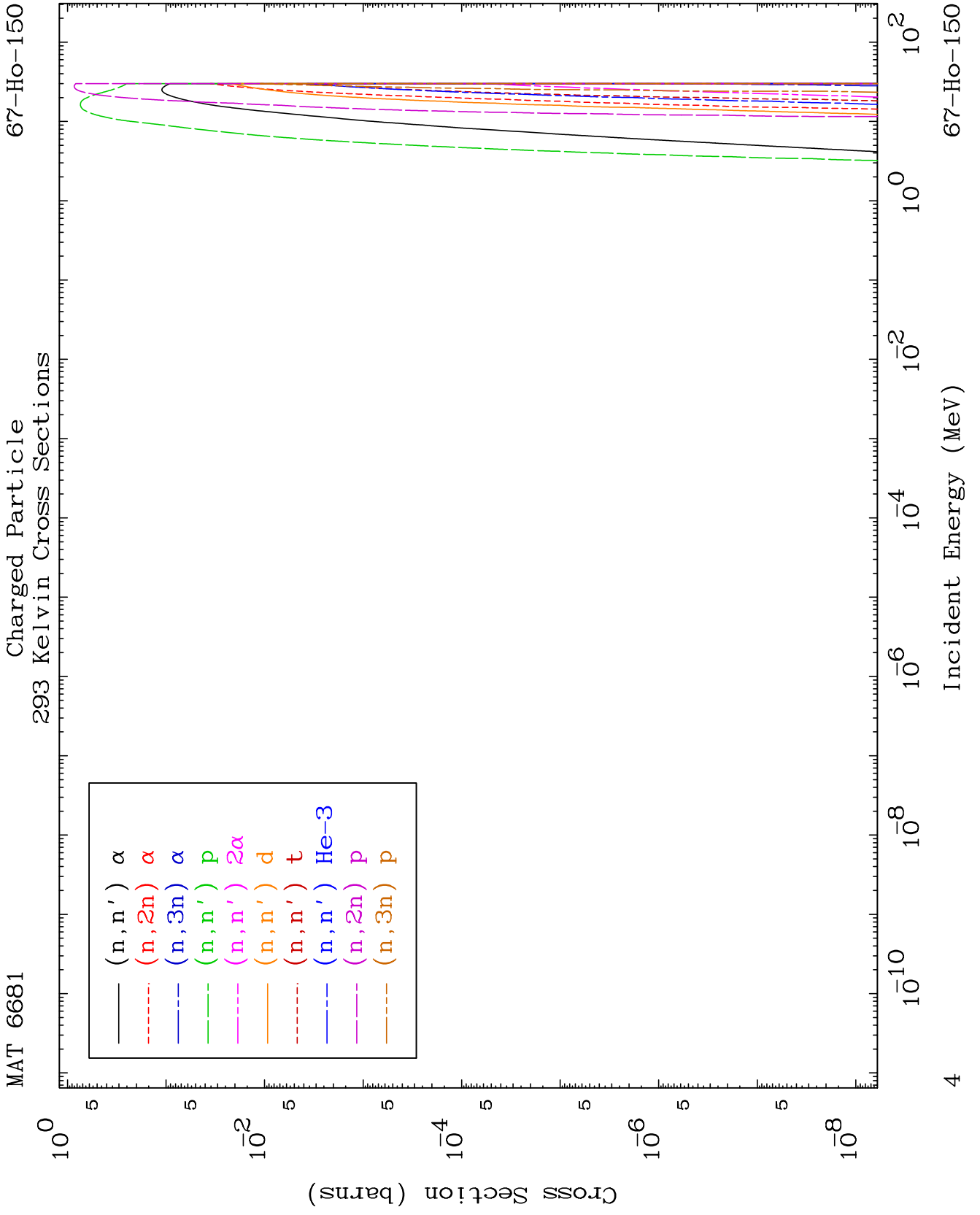
67-Ho-150



3

Incident Energy (MeV)

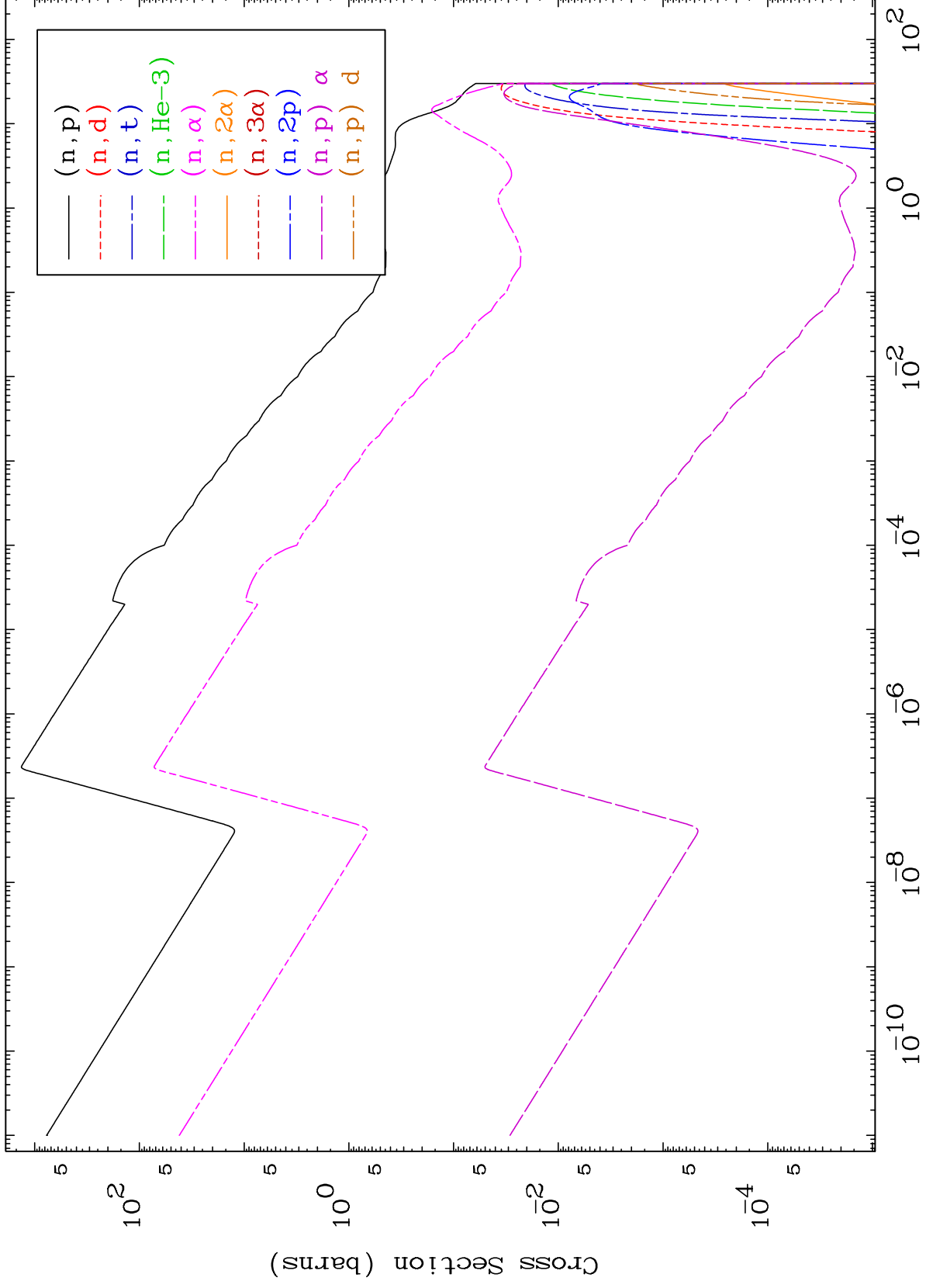
67-Ho-150



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Charged Particle
293 Kelvin Cross Sections

67-Ho-150



5

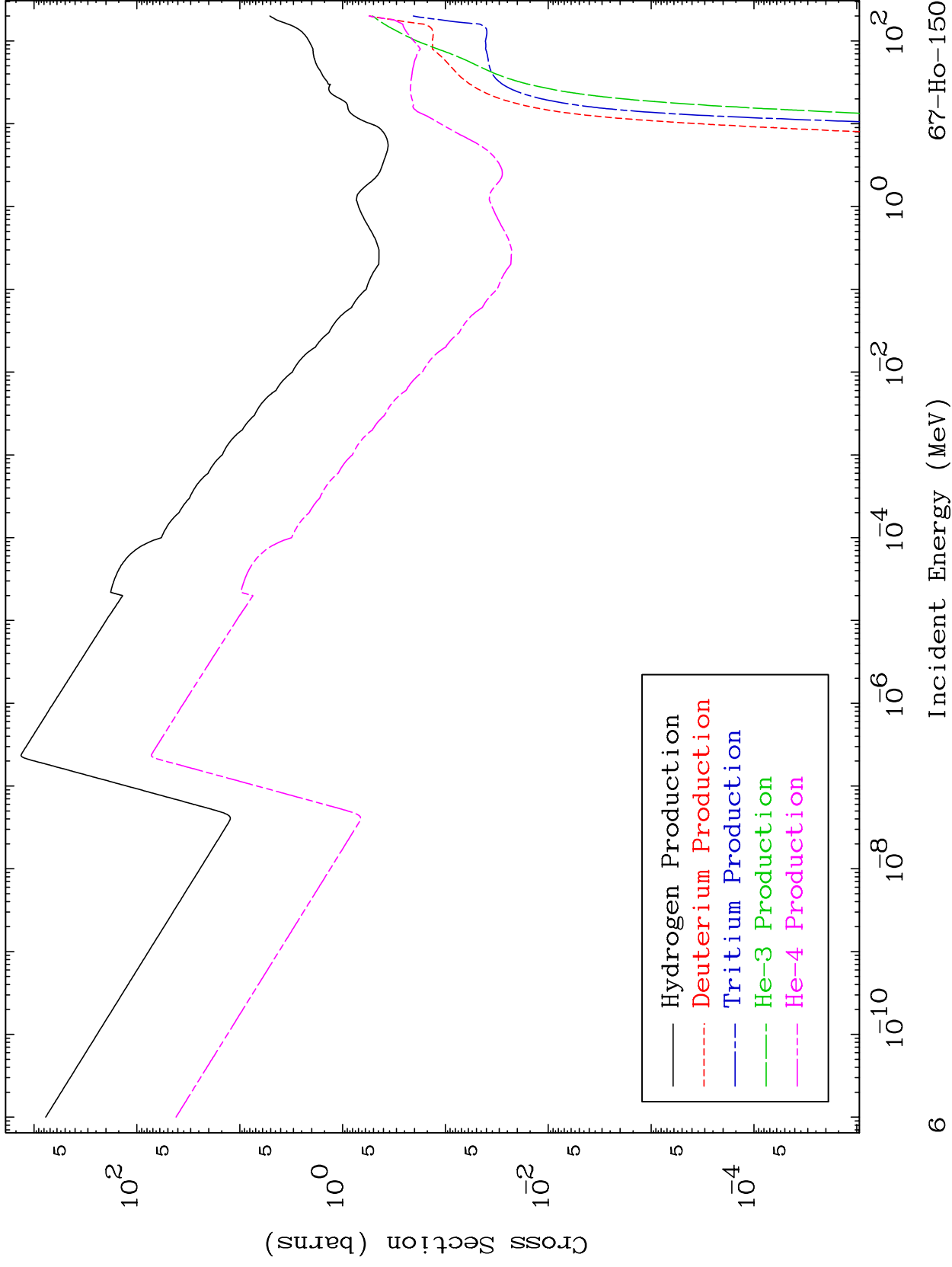
Incident Energy (MeV)

67-Ho-150

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Particle Production
293 Kelvin Cross Sections

67-Ho-150

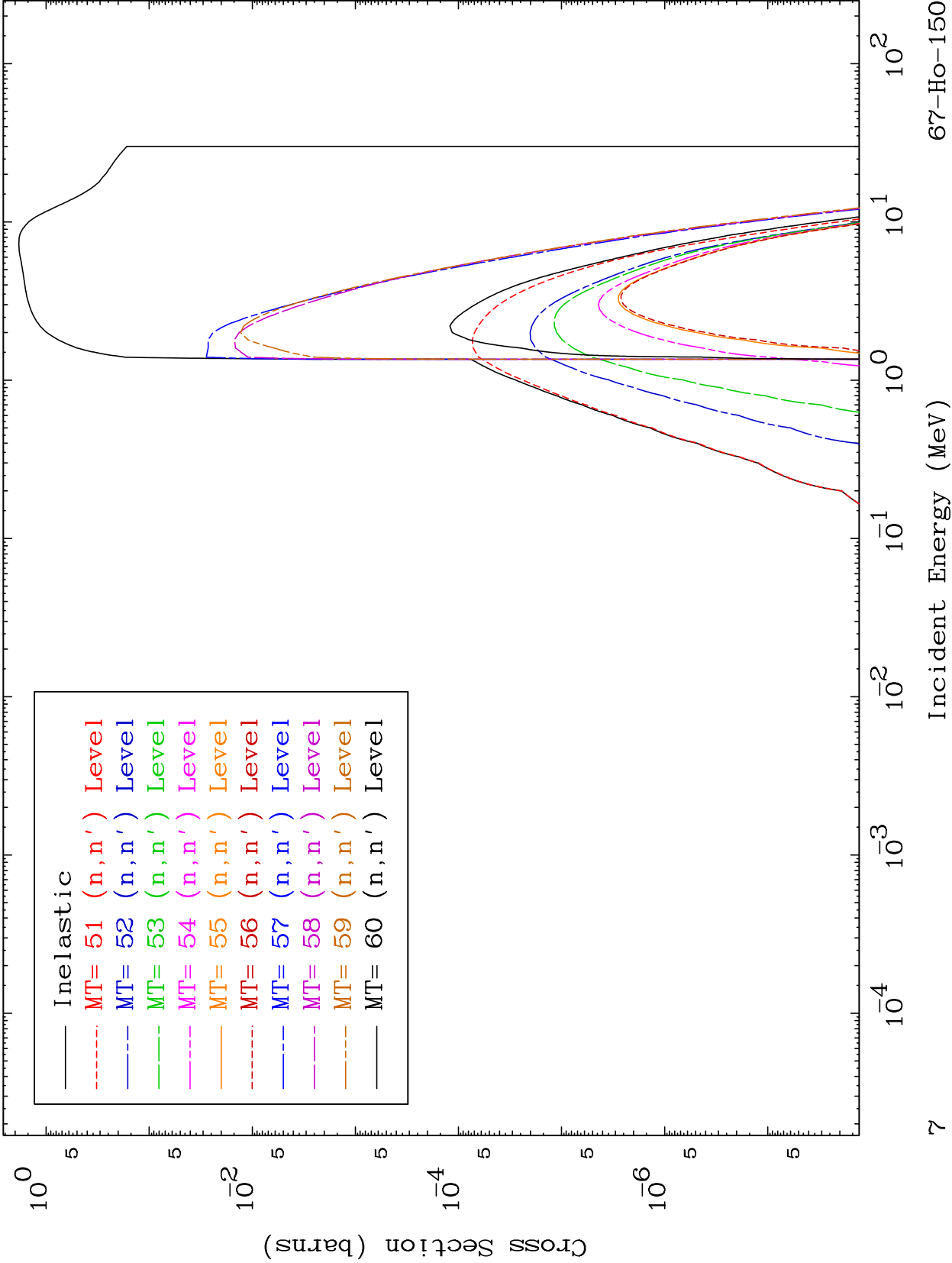


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(n,n') Level

67-Ho-150

293 Kelvin Cross Sections

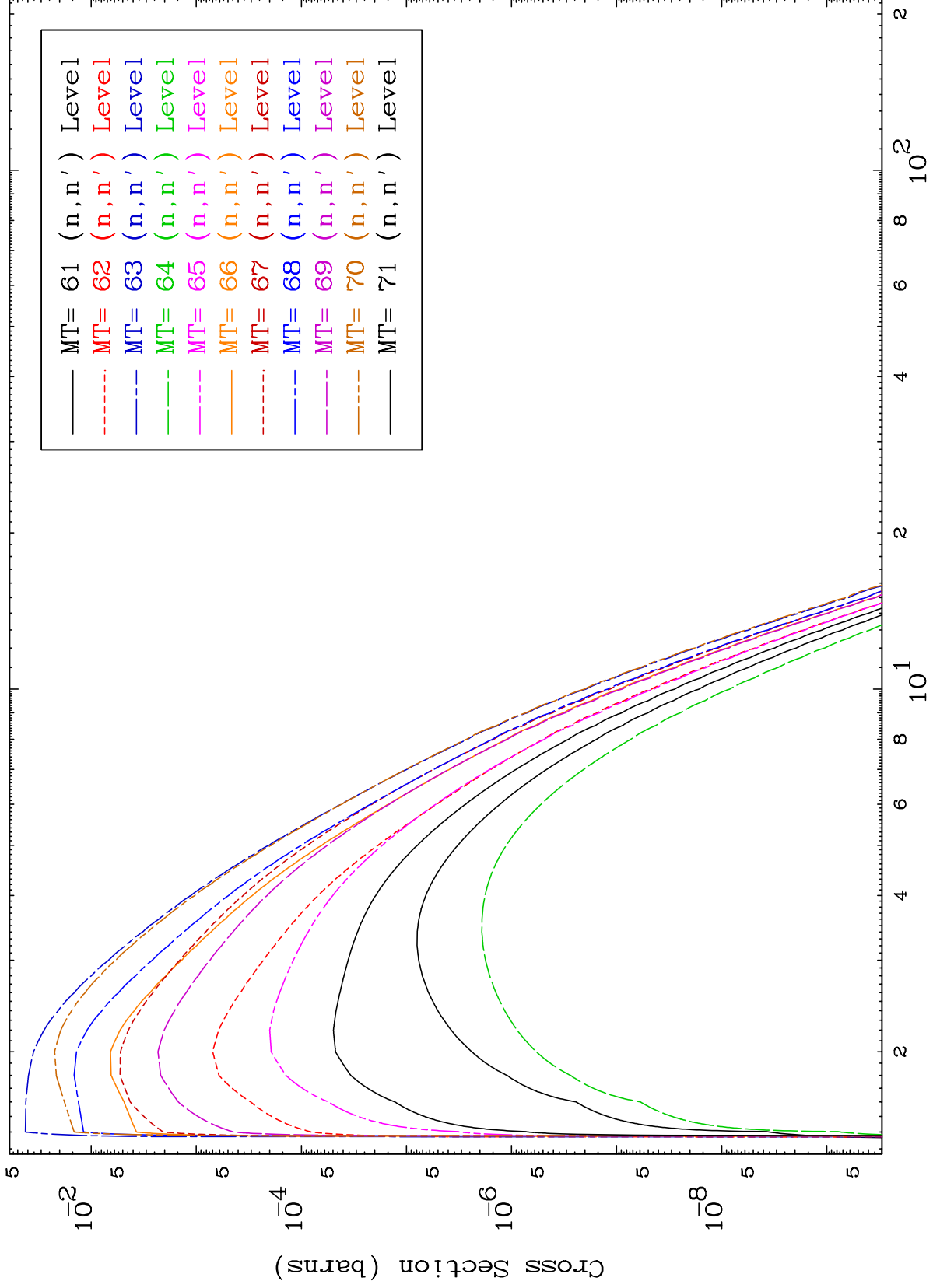


MAT 6681

(n,n') Level

293 Kelvin Cross Sections

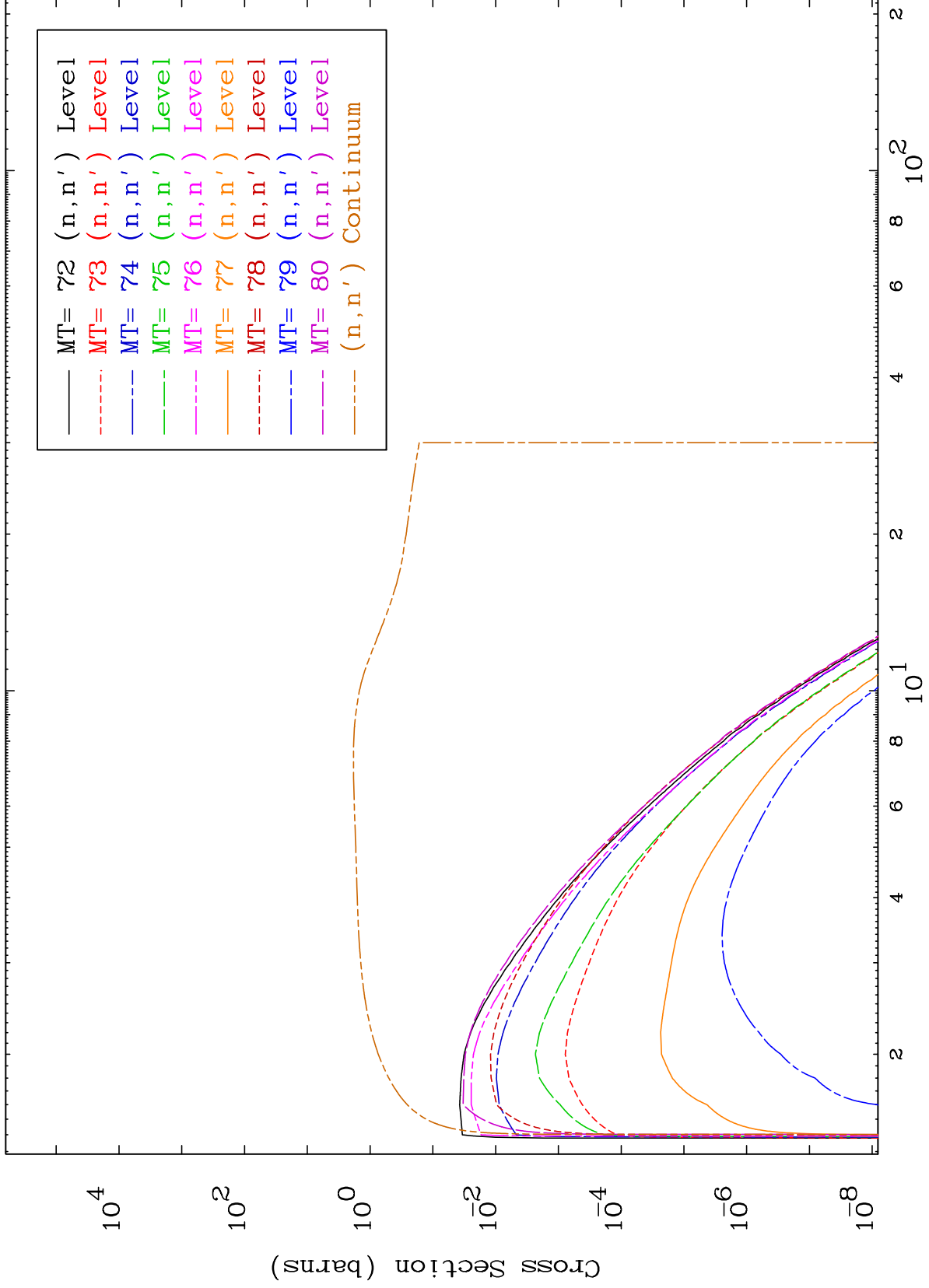
67-Ho-150



8

Incident Energy (MeV)

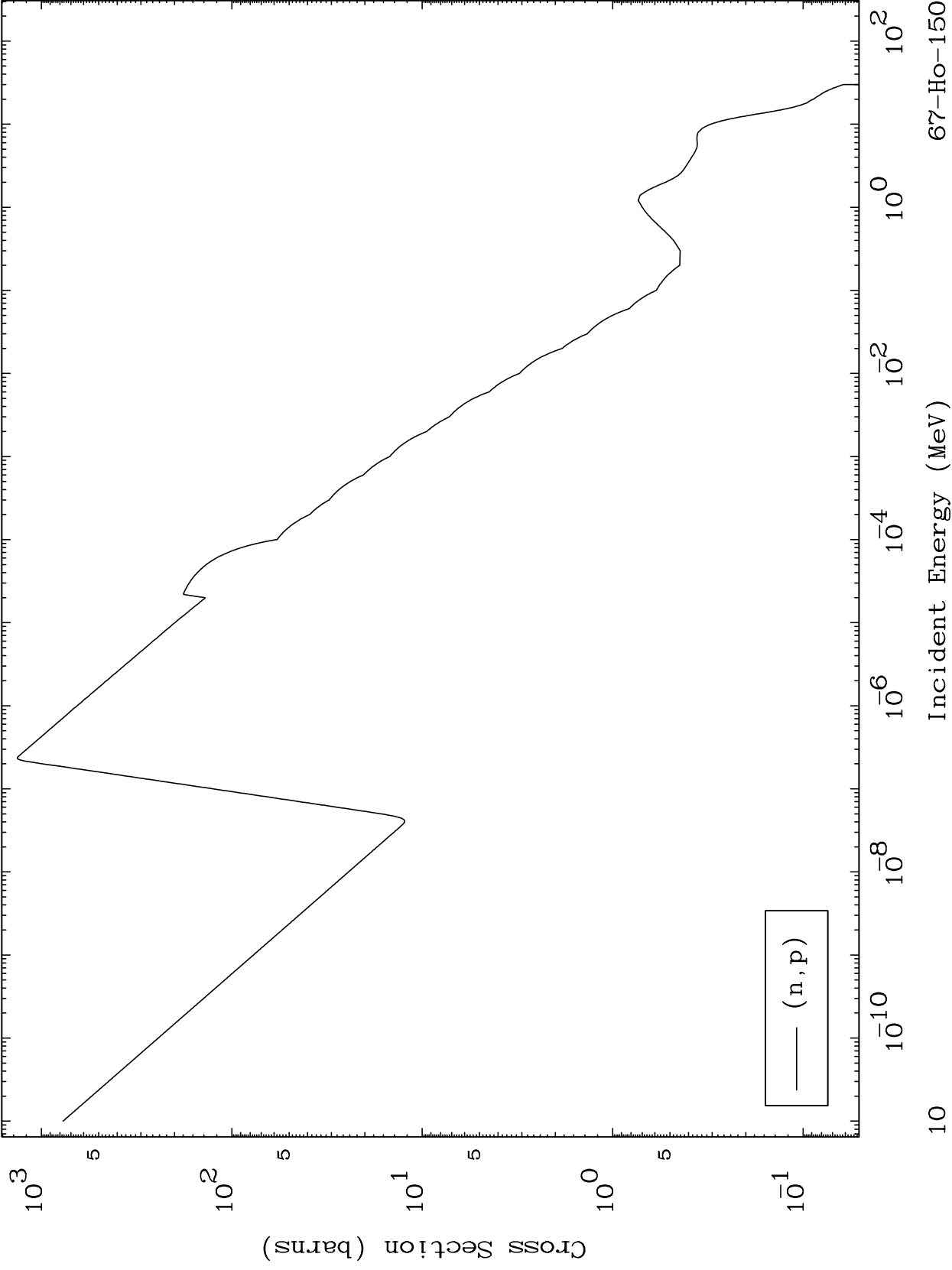
67-Ho-150



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(n,p) Levels
293 Kelvin Cross Sections

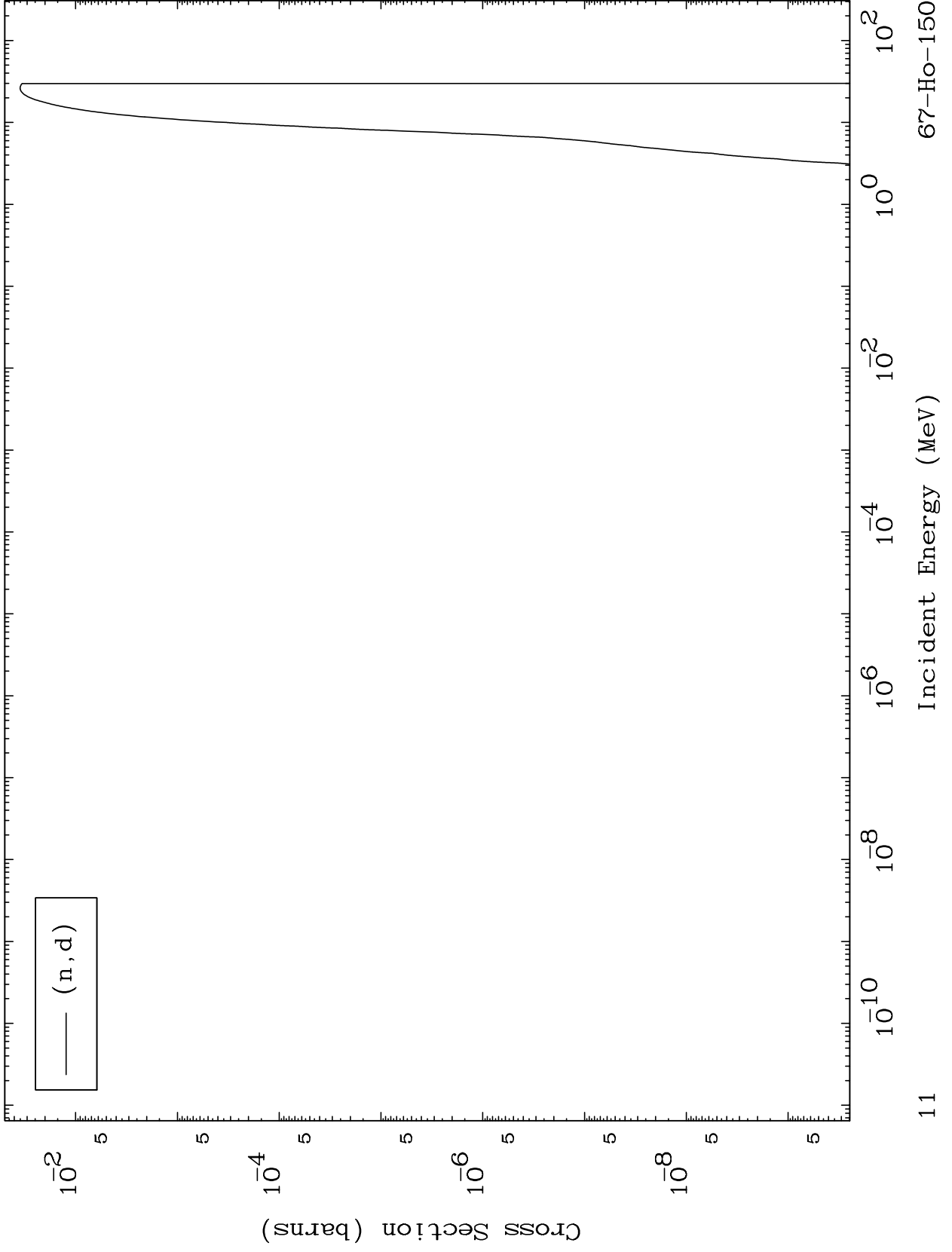
67-Ho-150



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(n,d) Levels
293 Kelvin Cross Sections

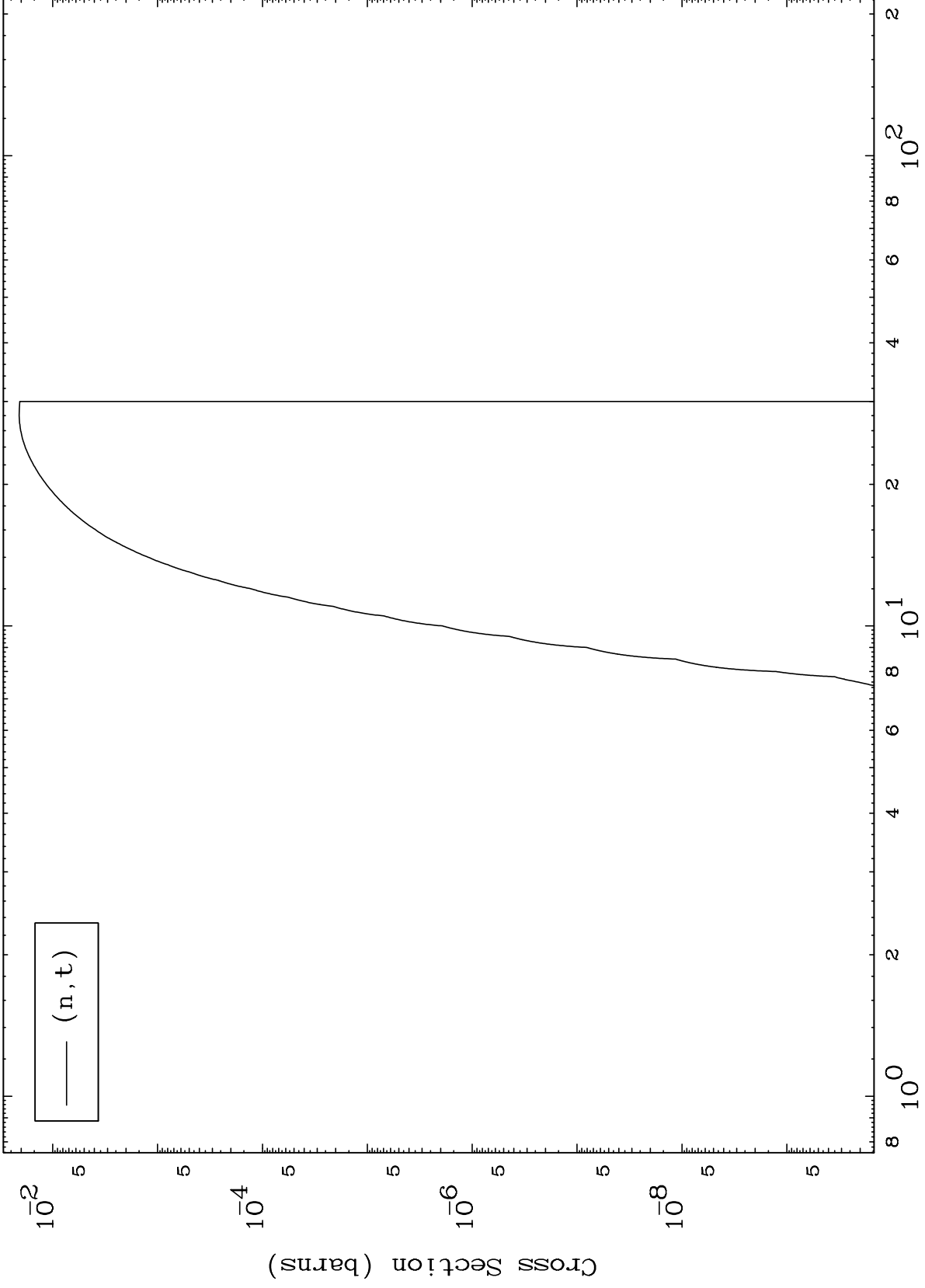
67-Ho-150



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(n,t) Levels
293 Kelvin Cross Sections

67-Ho-150



(n,t)

12

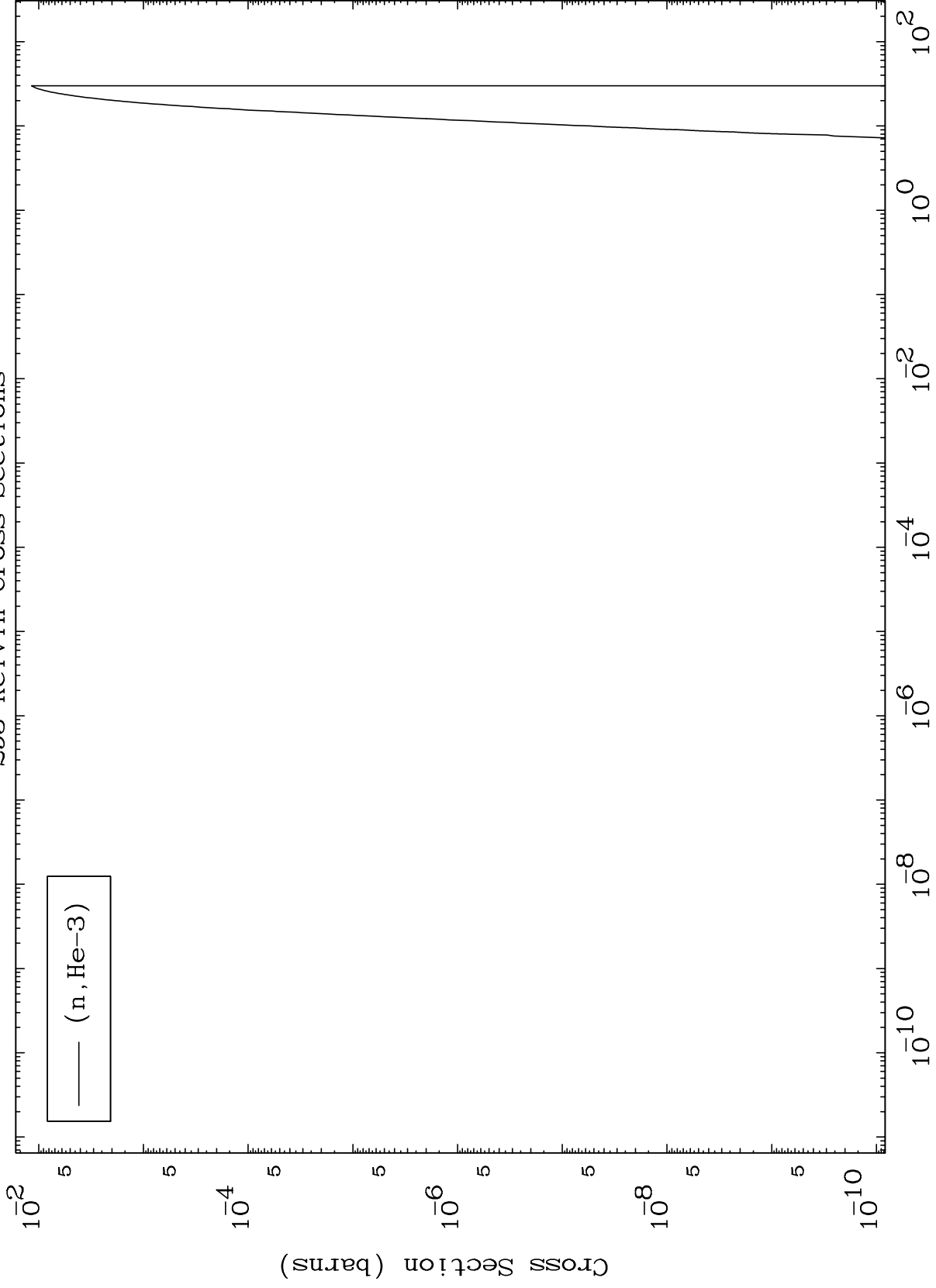
Incident Energy (MeV)

67-Ho-150

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(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-150



(n, He-3)

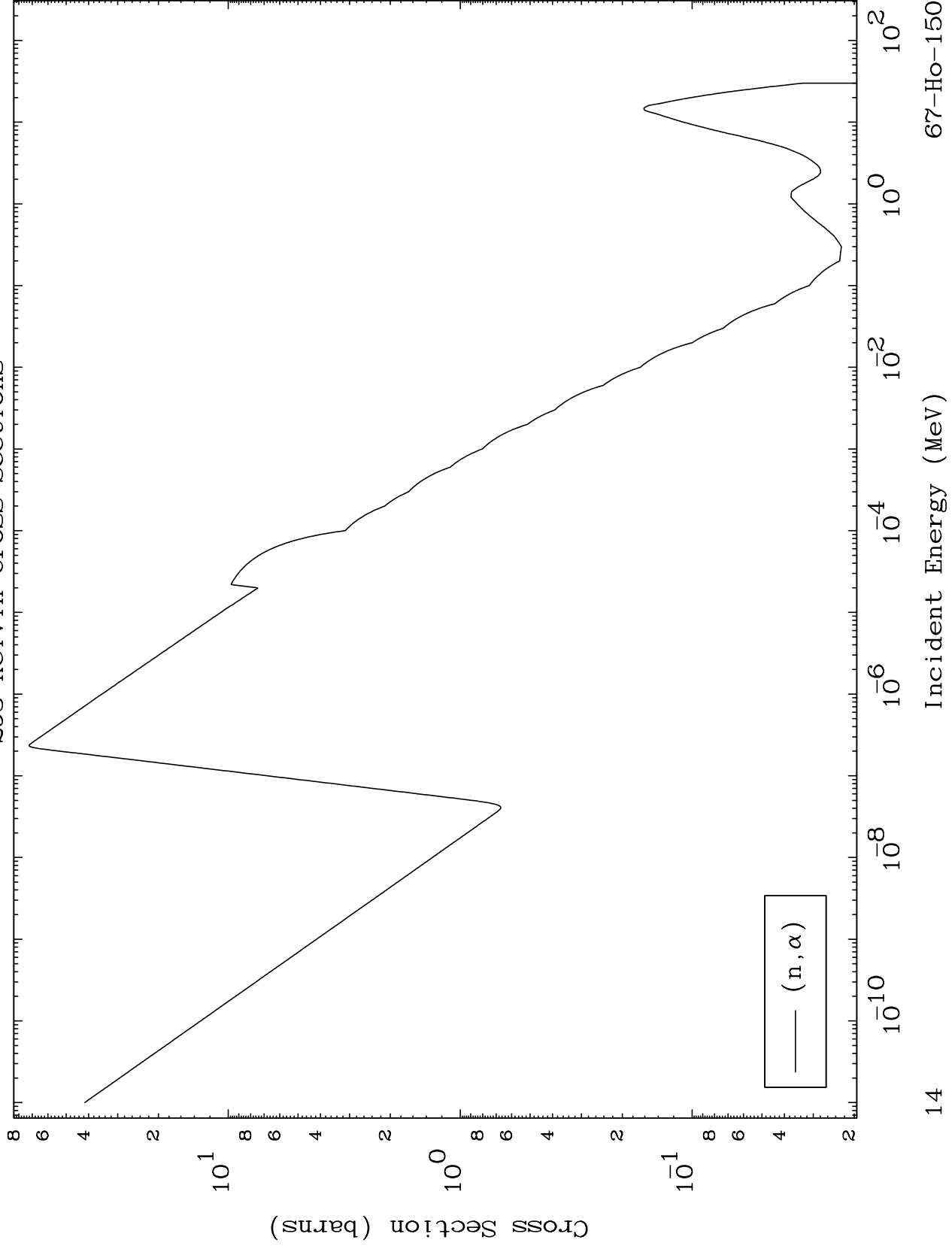
67-Ho-150

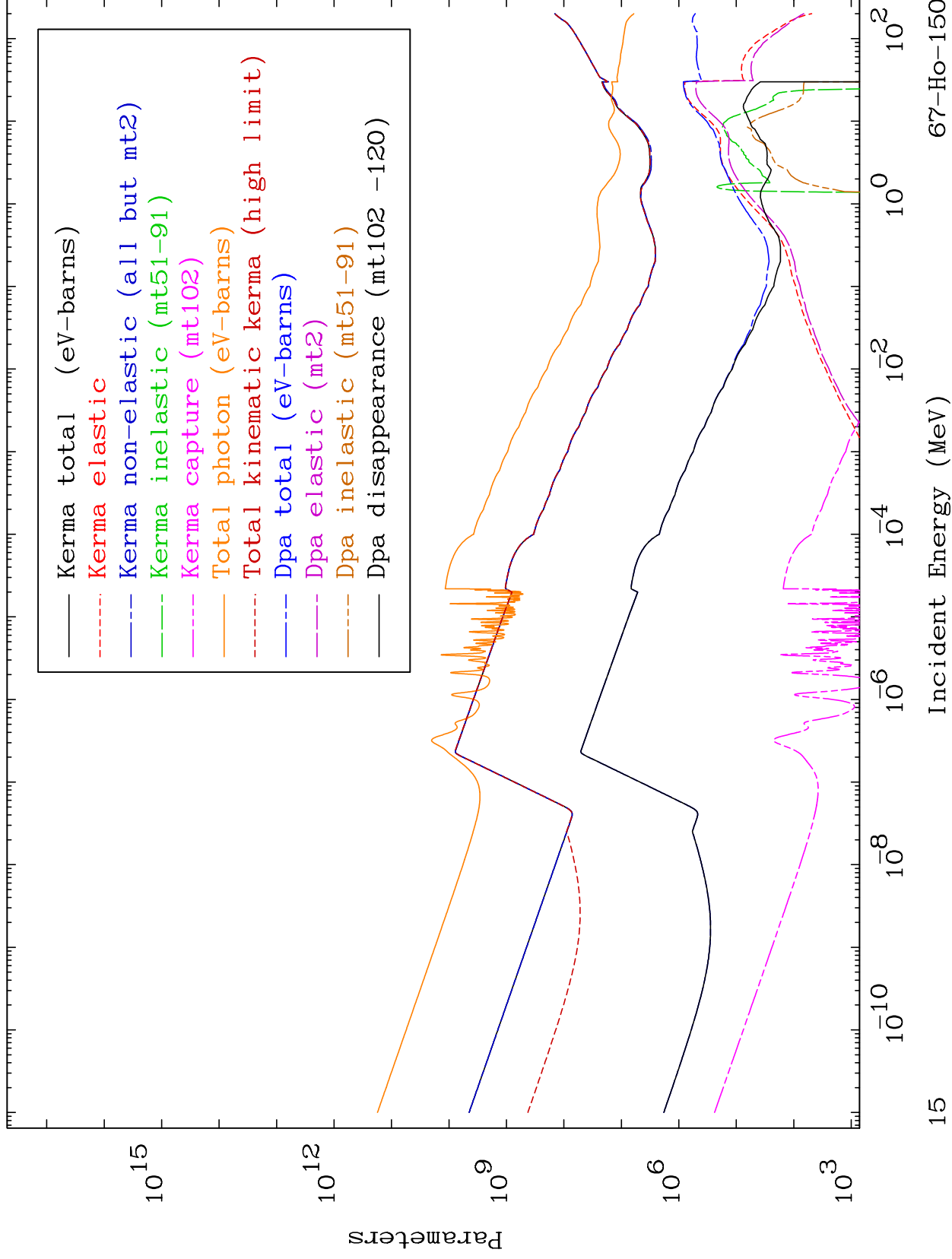
Incident Energy (MeV)

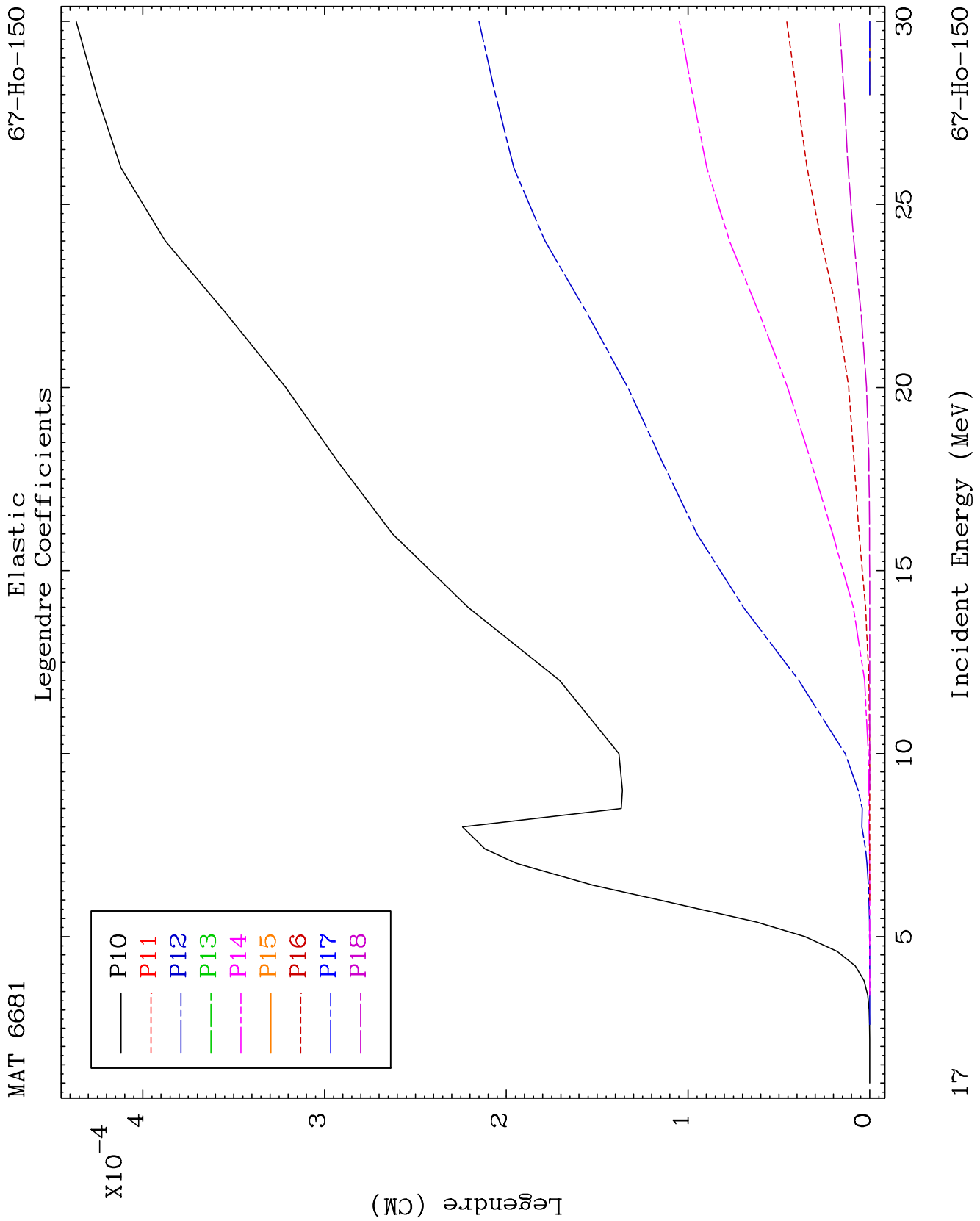
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(n, α) Levels
293 Kelvin Cross Sections

67-Ho-150



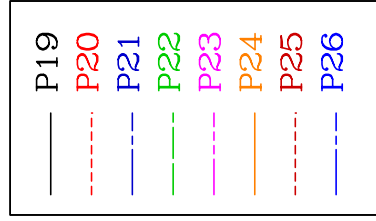




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Elastic
Legendre Coefficients

67-Ho-150



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

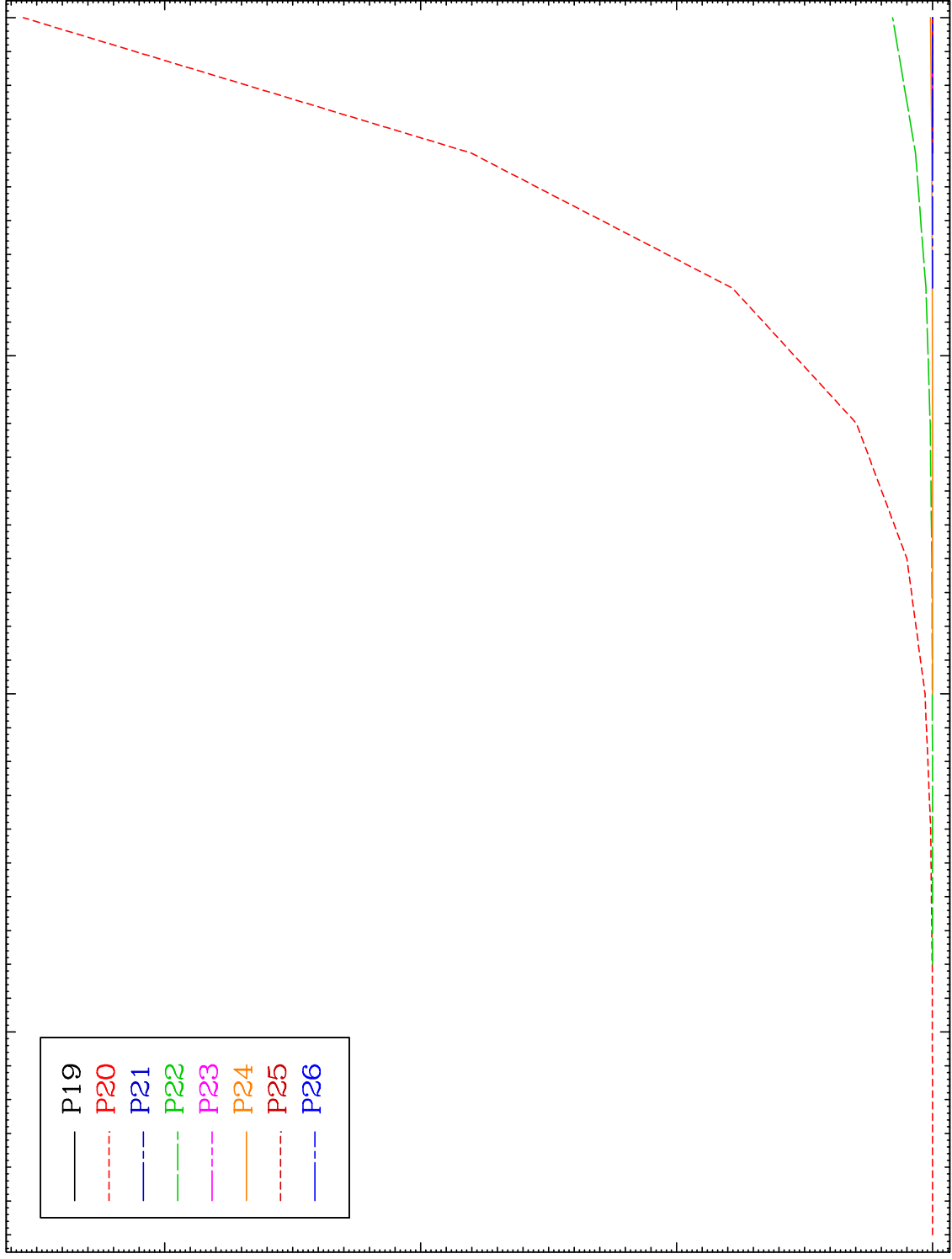
25

30

18

Incident Energy (MeV)

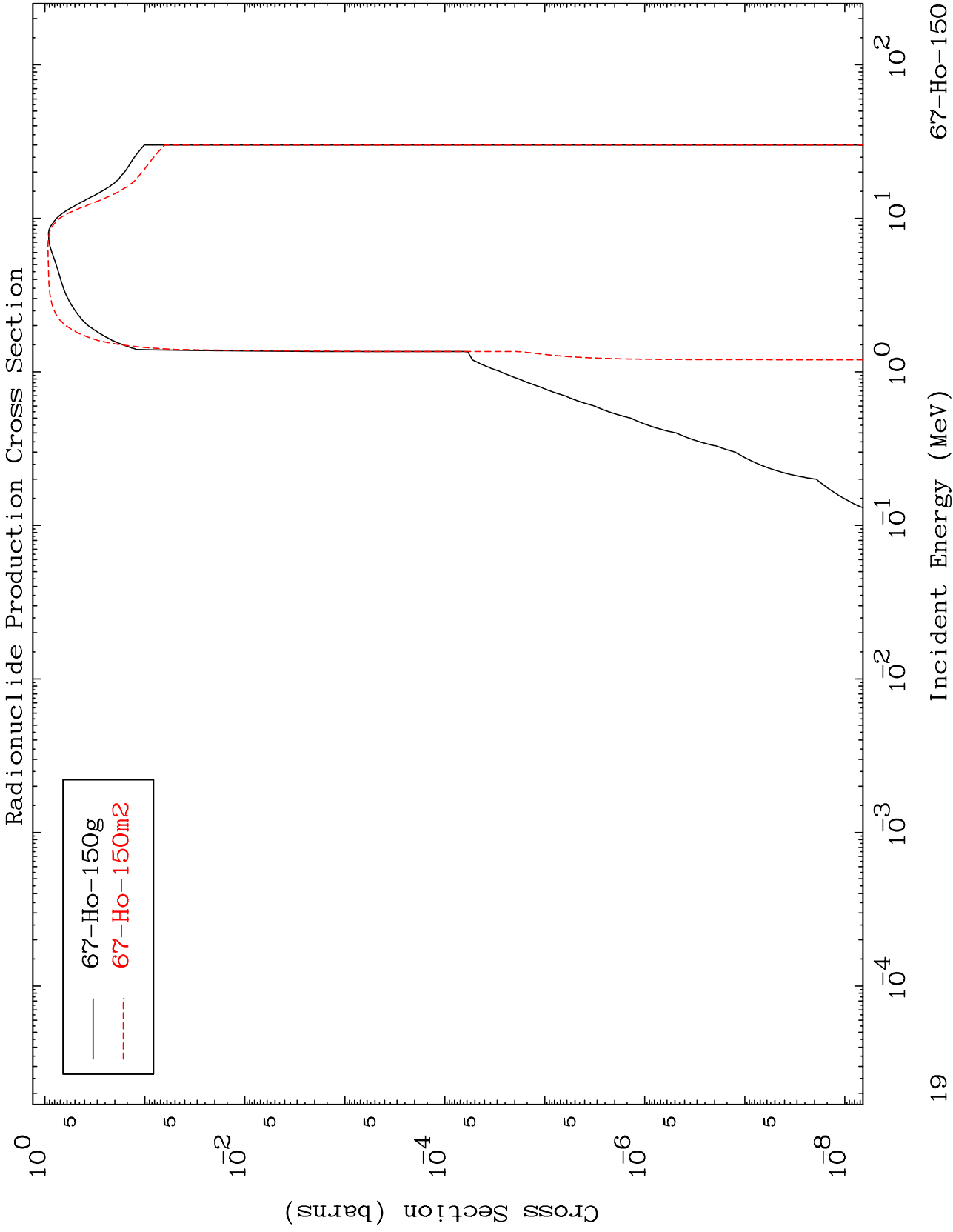
67-Ho-150



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Inelastic

⁶⁷Ho-150

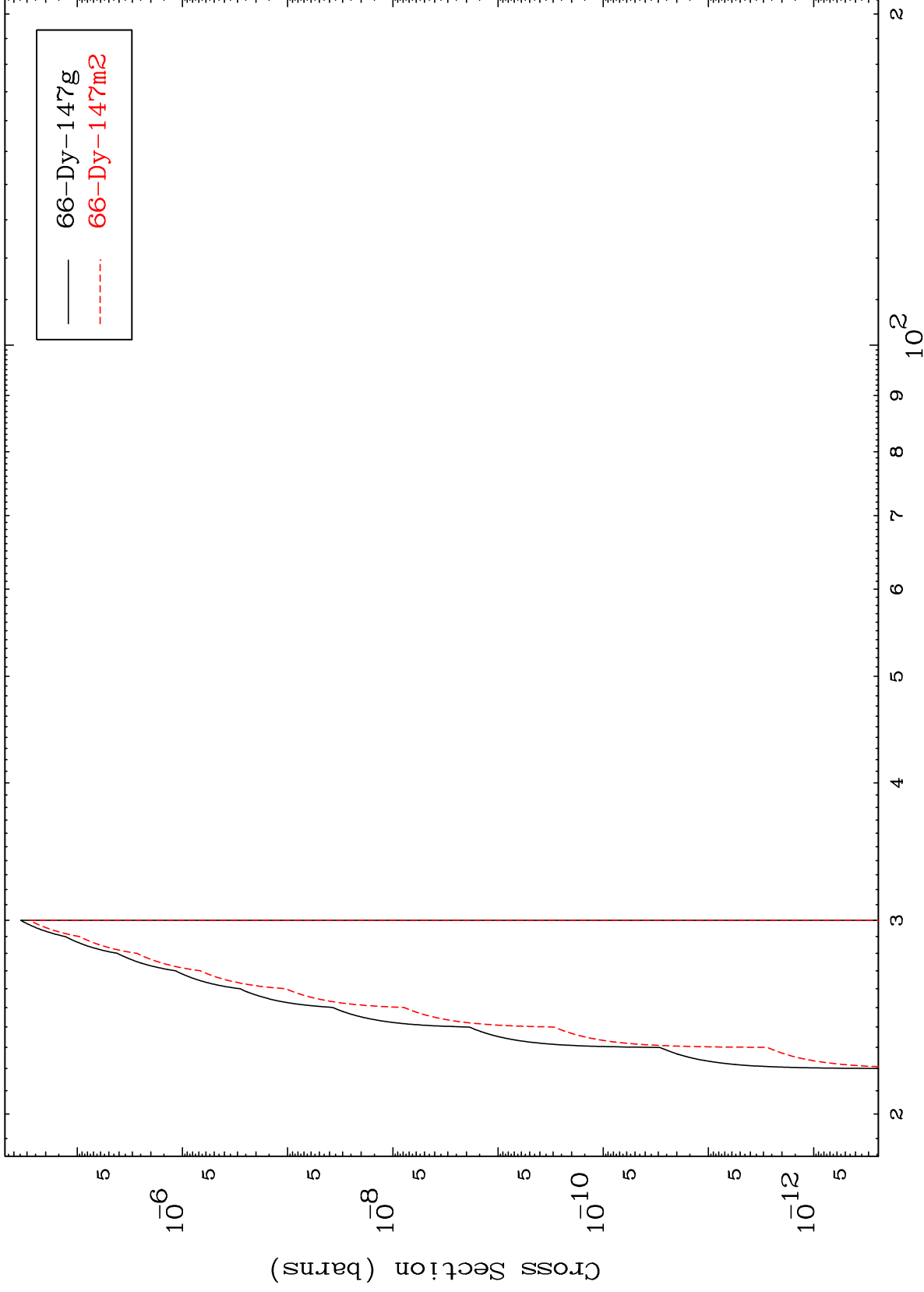


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(n,2n) d

67-Ho-150

Radionuclide Production Cross Section



20

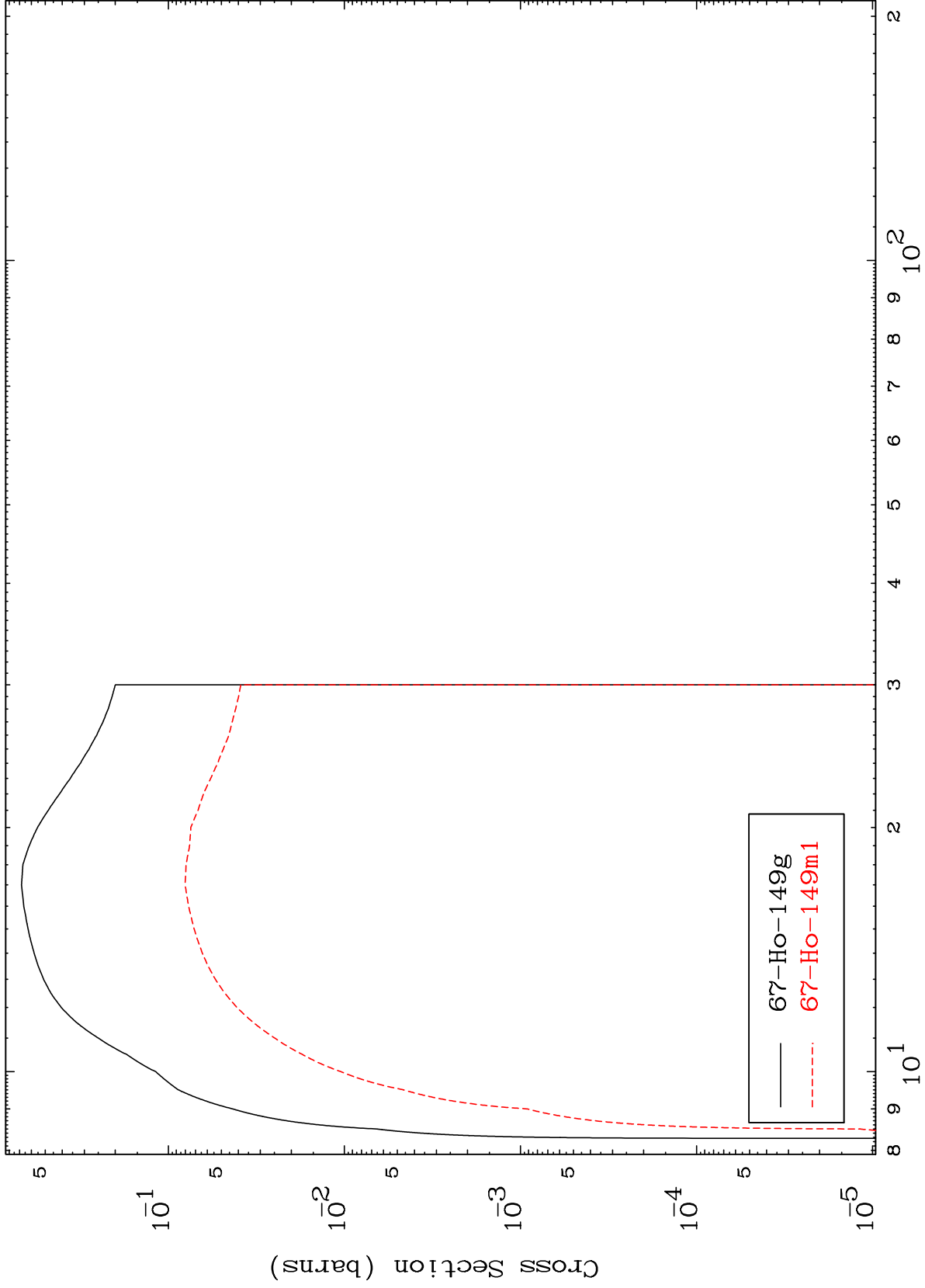
Incident Energy (MeV)

67-Ho-150

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67-Ho-150

(n,2n)
Radionuclide Production Cross Section



67-Ho-150

Incident Energy (MeV)

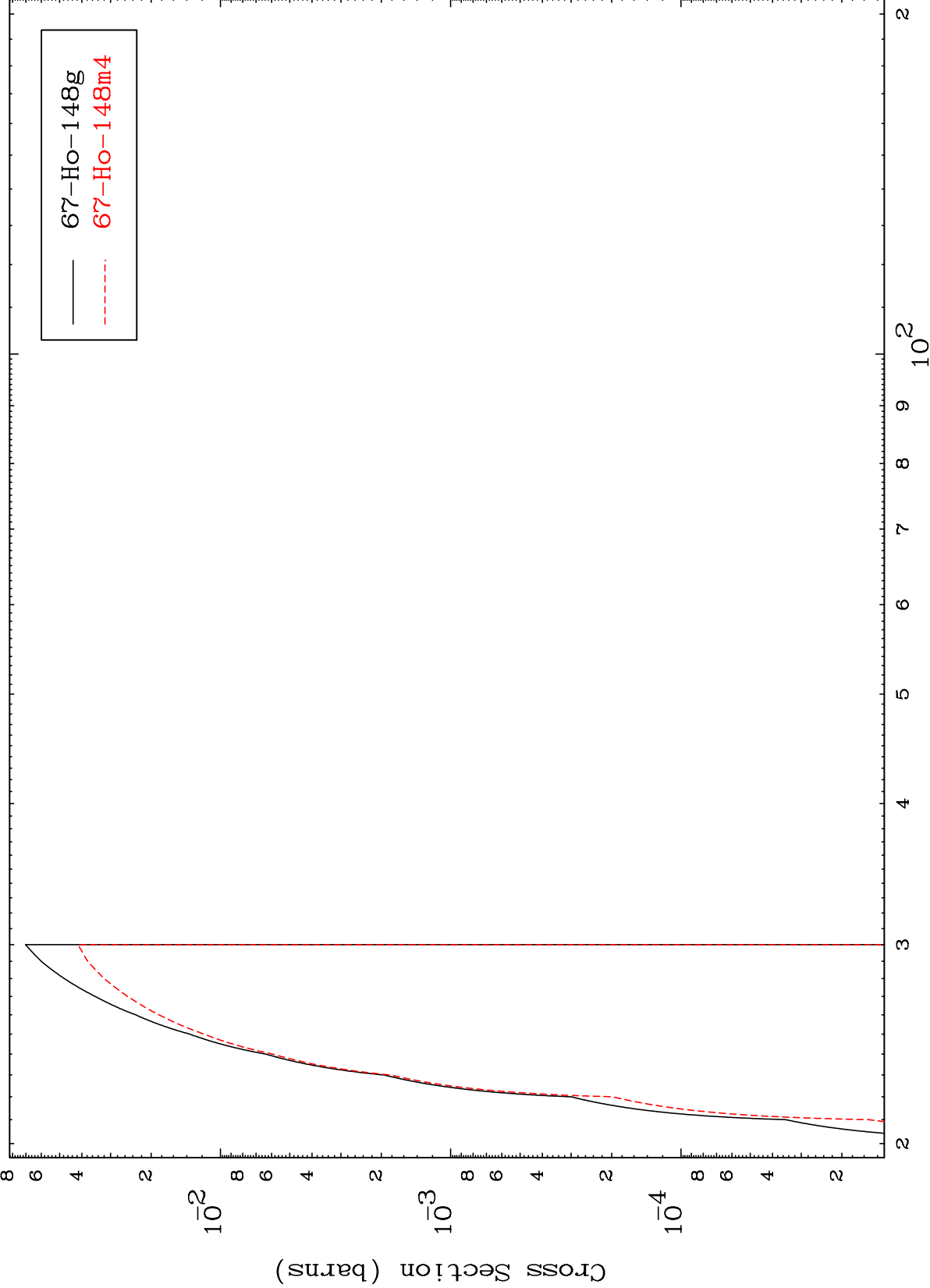
21

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(n,3n)

67-Ho-150

Radionuclide Production Cross Section

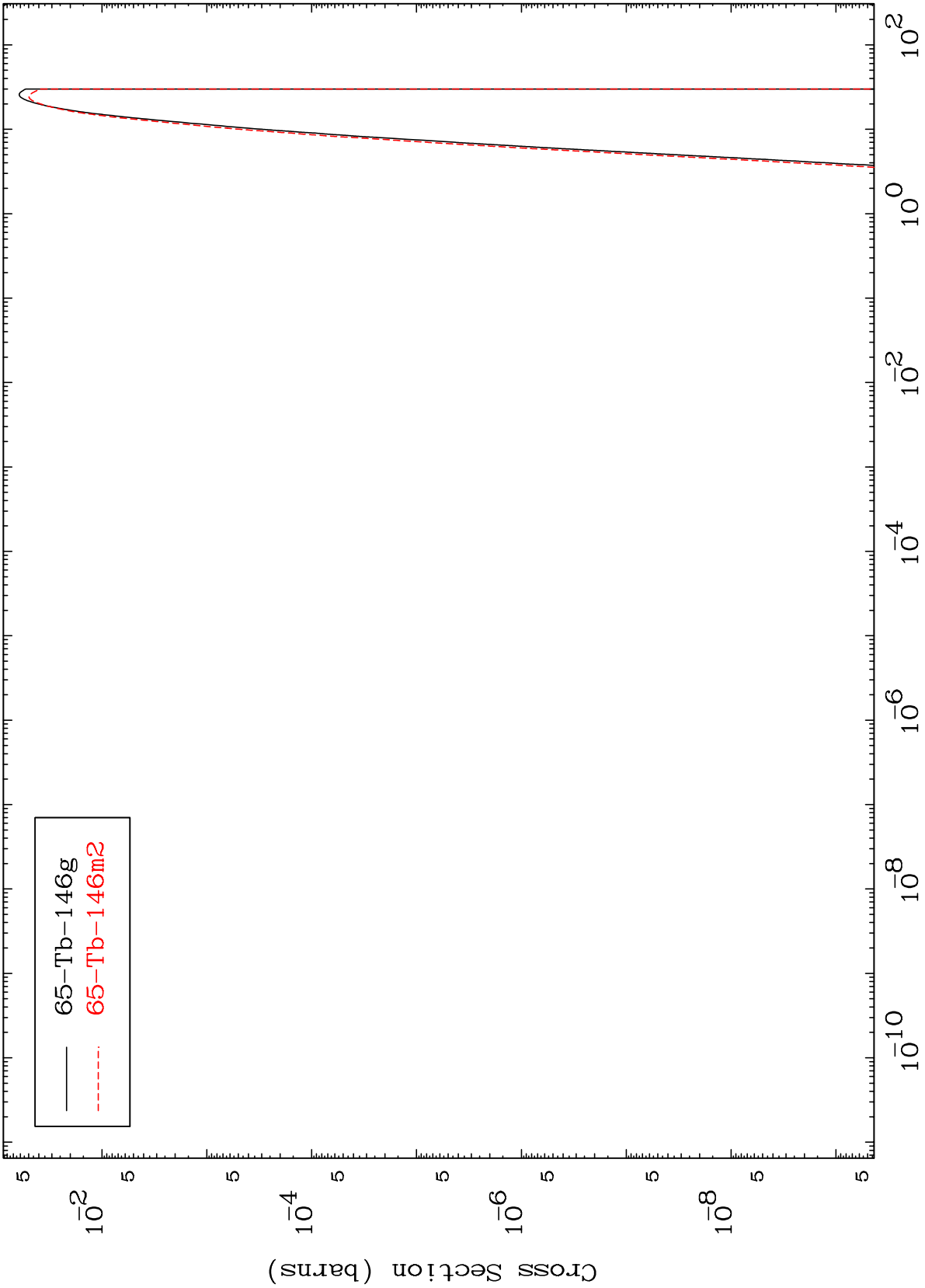


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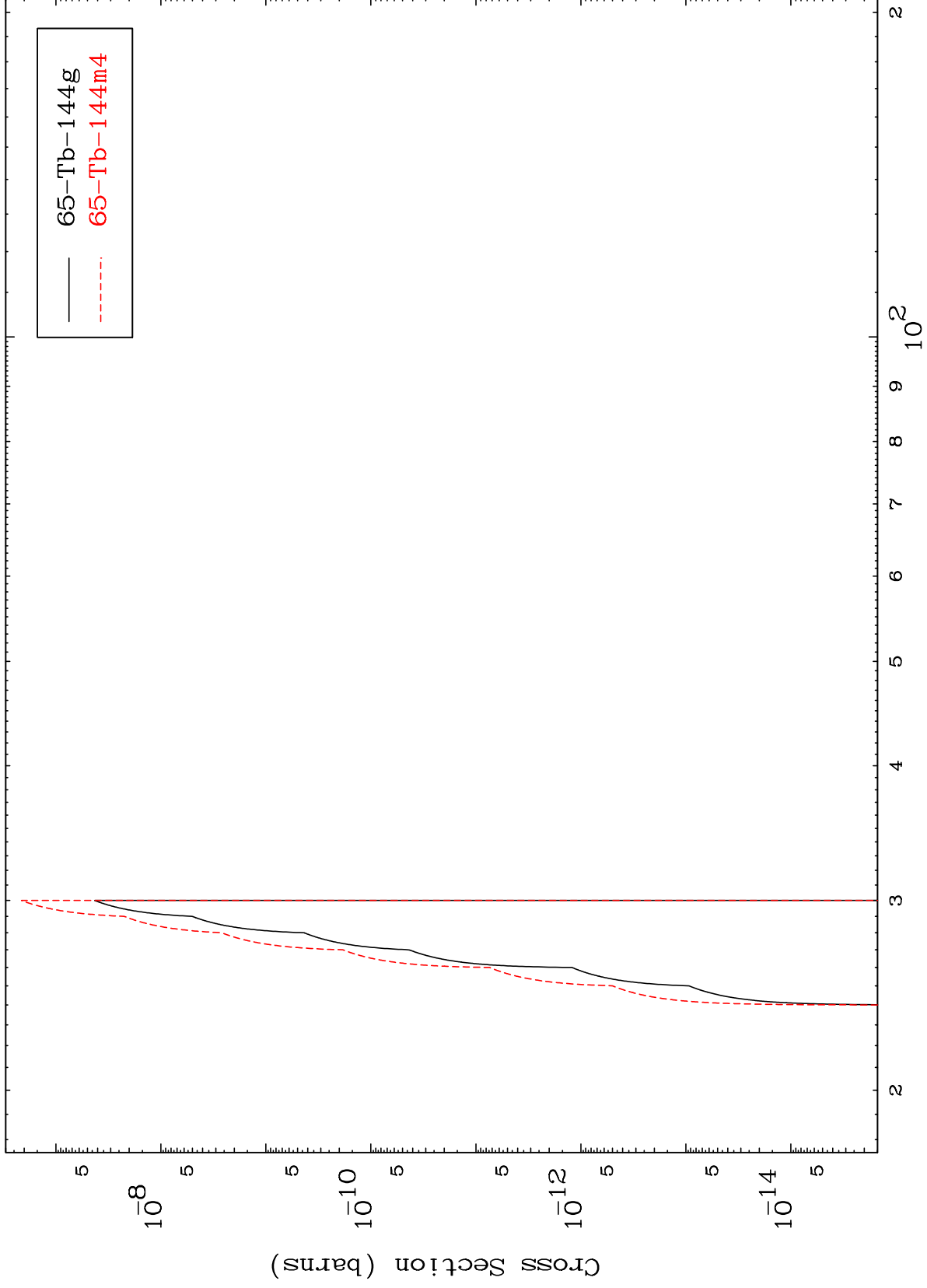
$(n, n') \alpha$

67-Ho-150

Radionuclide Production Cross Section



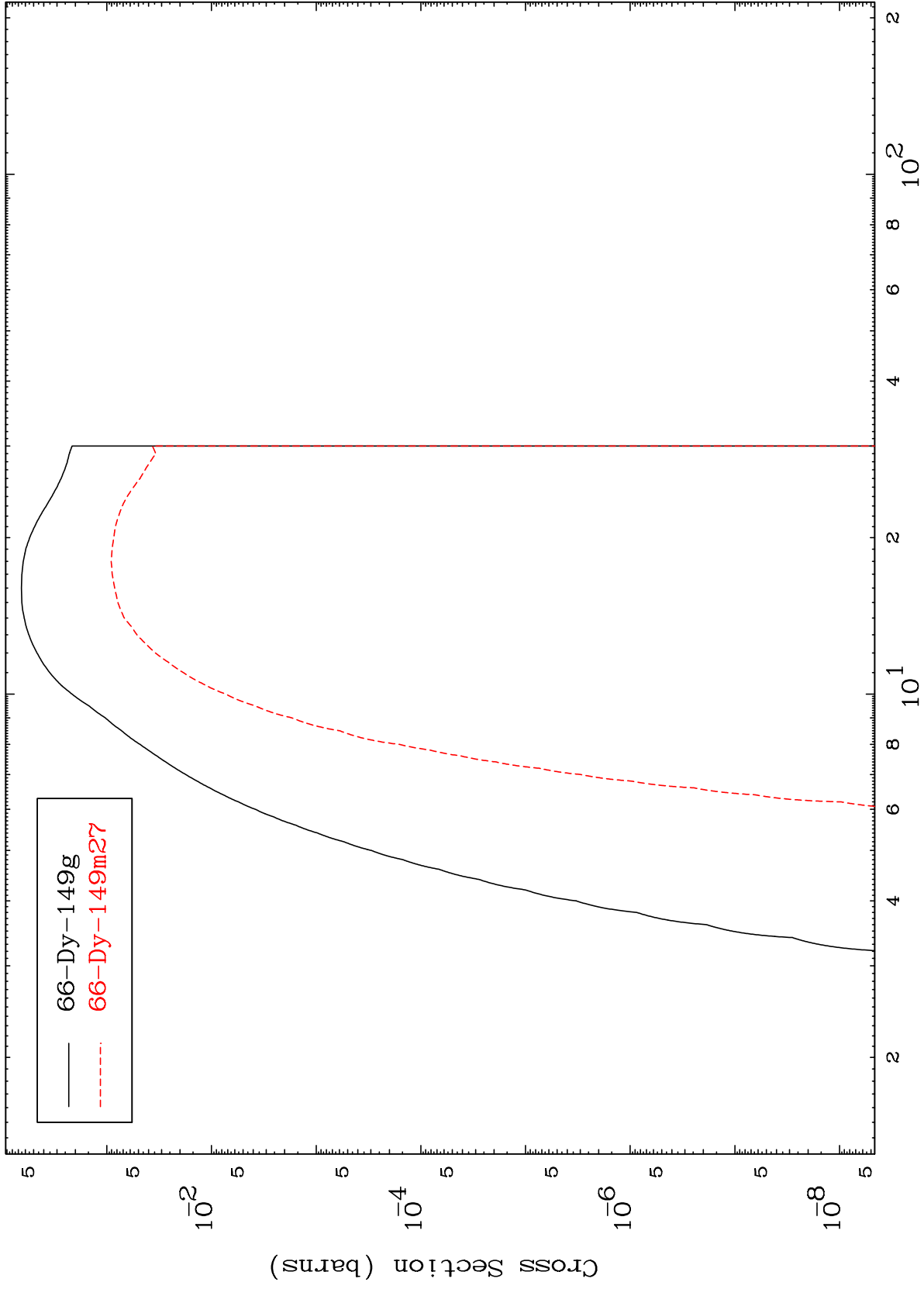
Radionuclide Production Cross Section



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67-Ho-150

(n,n') p
Radionuclide Production Cross Section



25

67-Ho-150

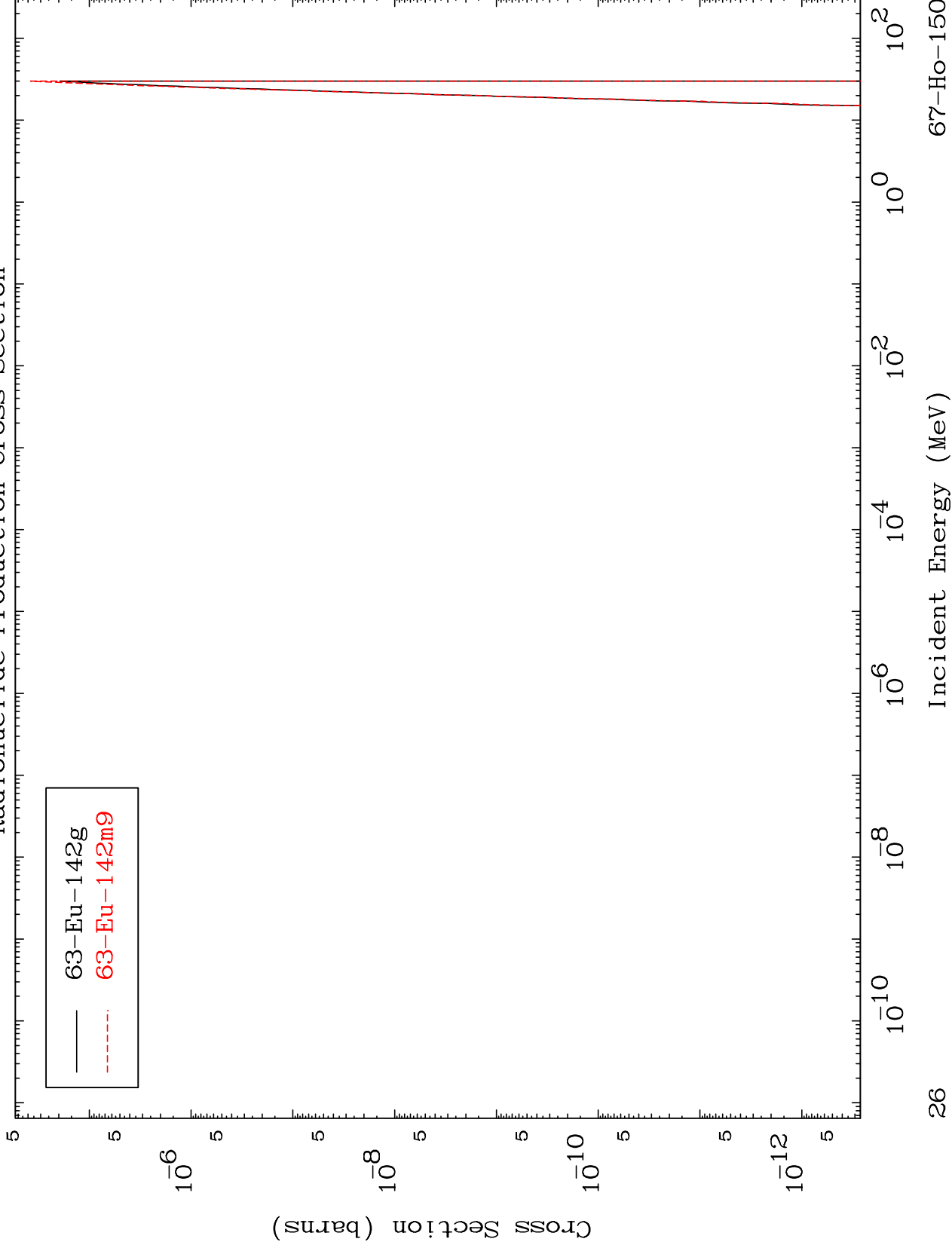
Incident Energy (MeV)

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(n,n') 2 α

67-Ho-150

Radionuclide Production Cross Section



26

Incident Energy (MeV)

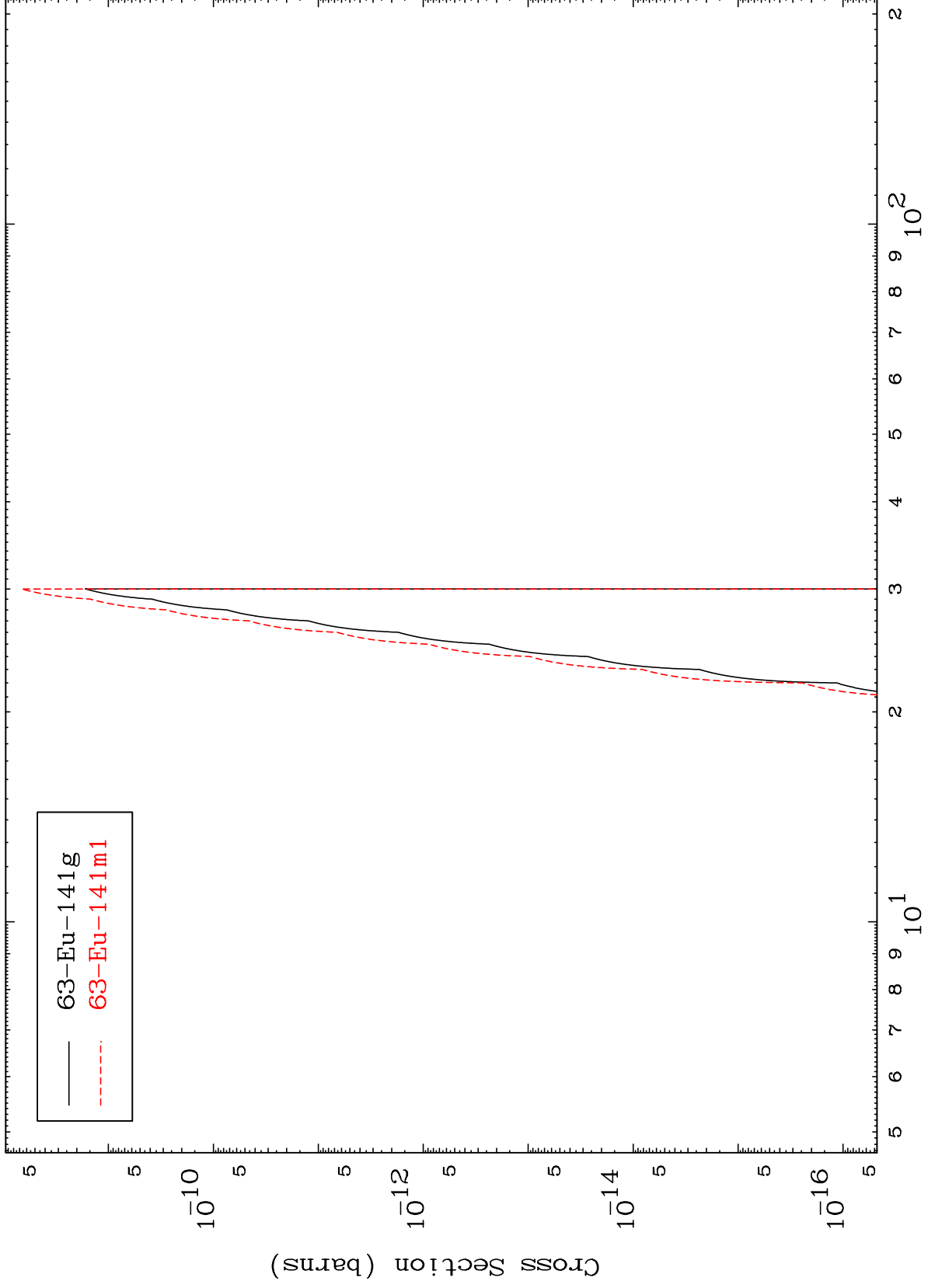
67-Ho-150

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$^{67}\text{Ho-150}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section

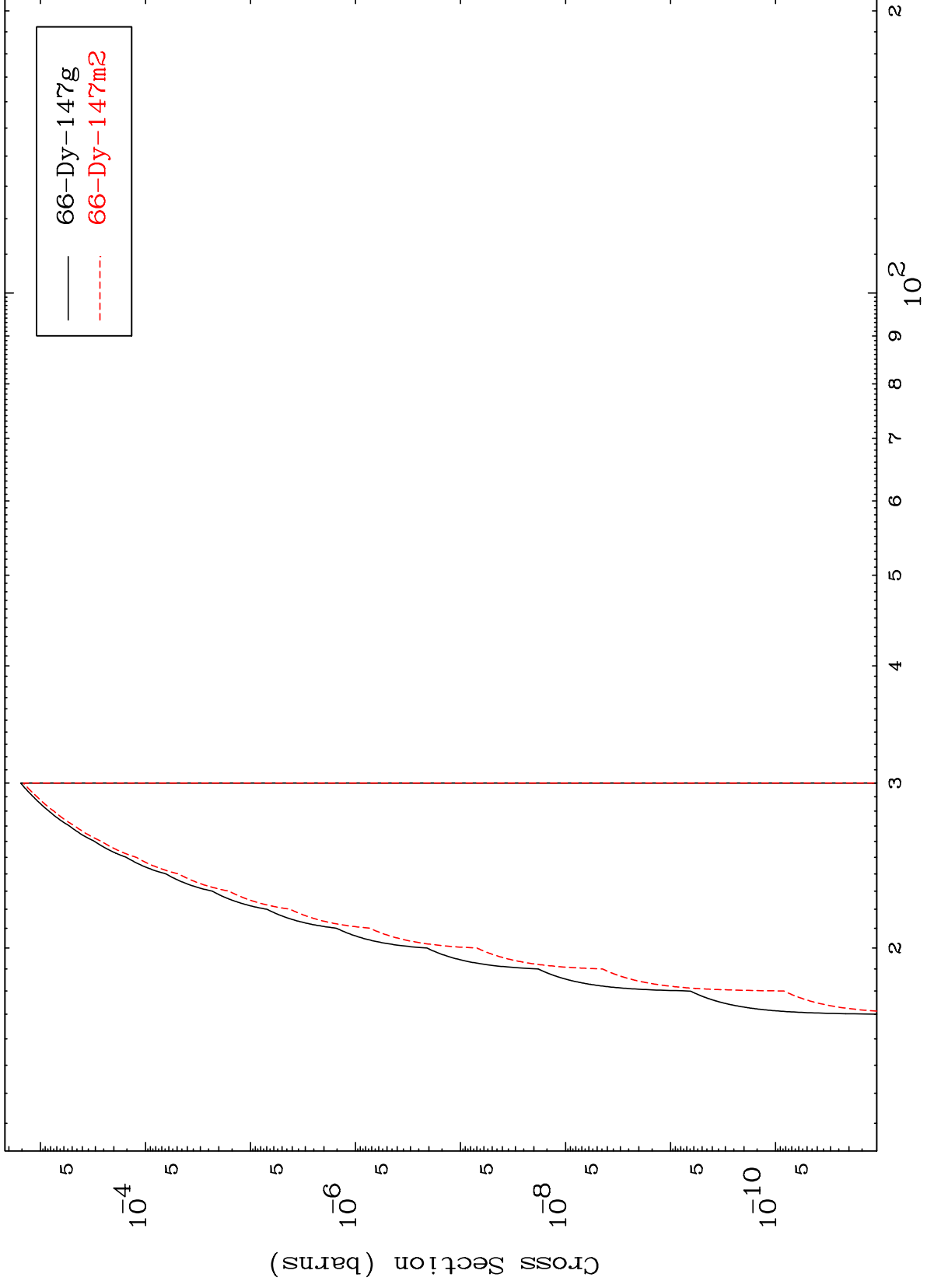


27

Incident Energy (MeV)

$^{67}\text{Ho-150}$

Radionuclide Production Cross Section

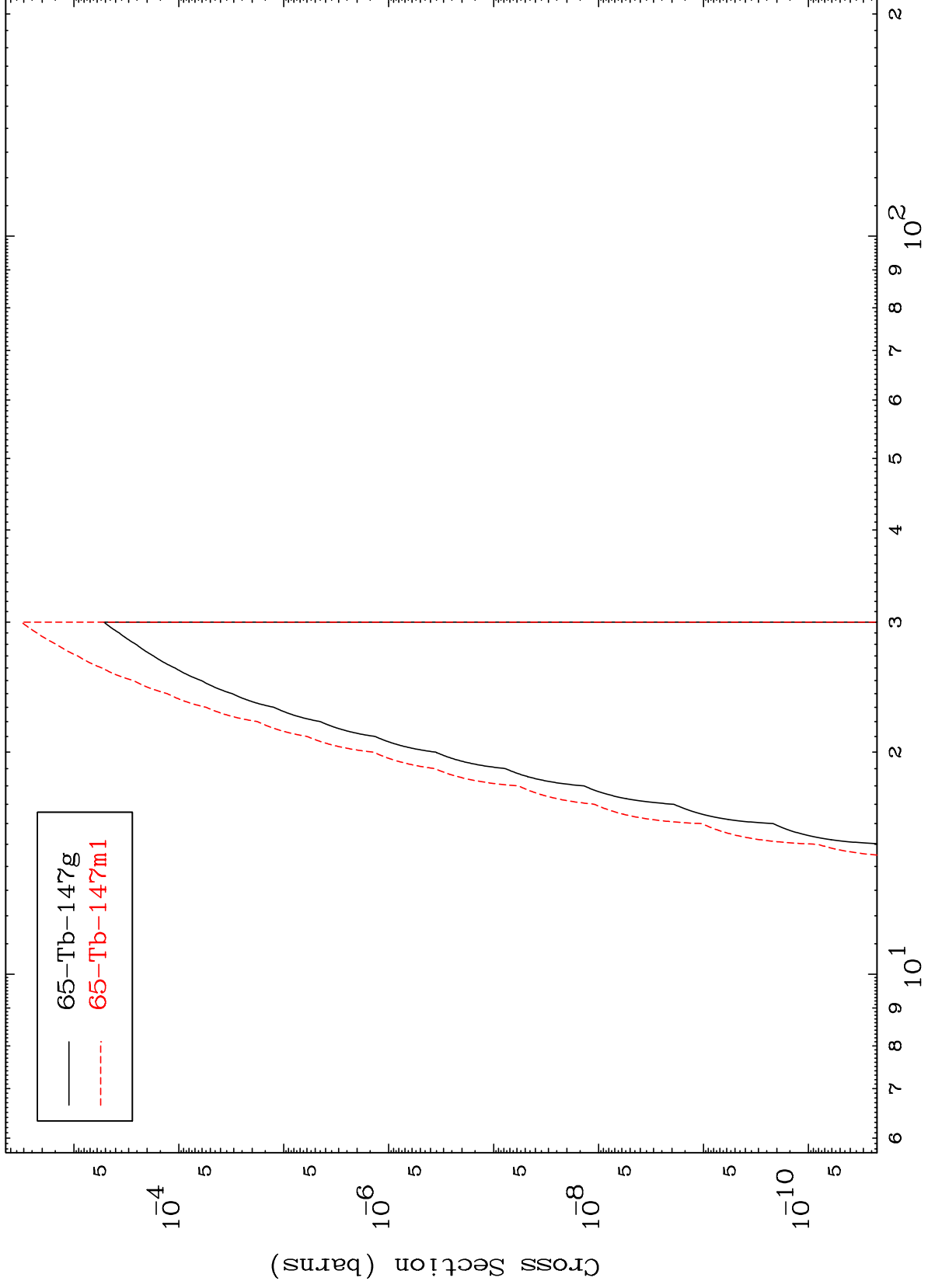


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(n,n') He-3

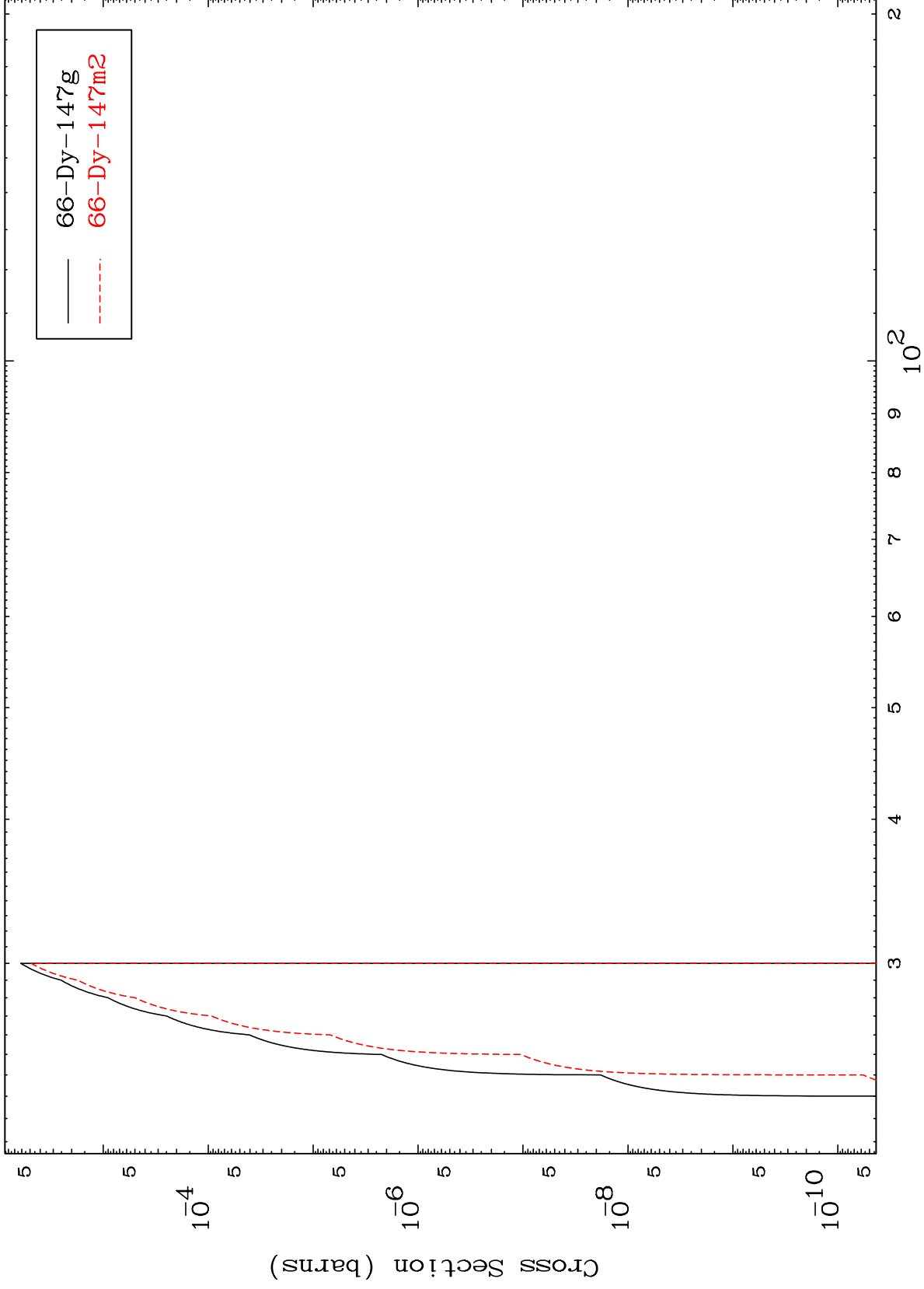
67-Ho-150

Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

Radionuclide Production Cross Section

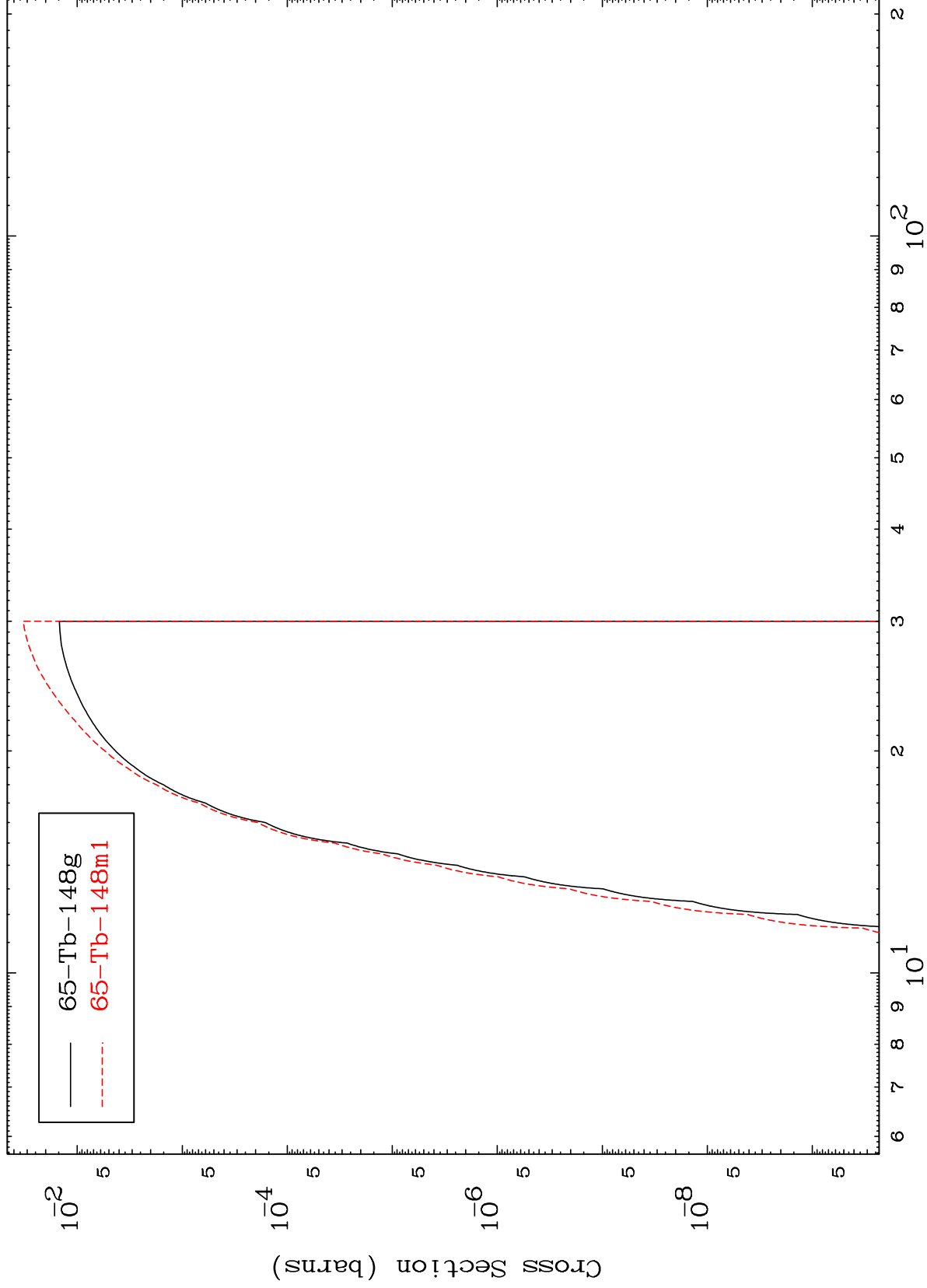


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(n,2n) p

67-Ho-150

Radionuclide Production Cross Section



31

Incident Energy (MeV)

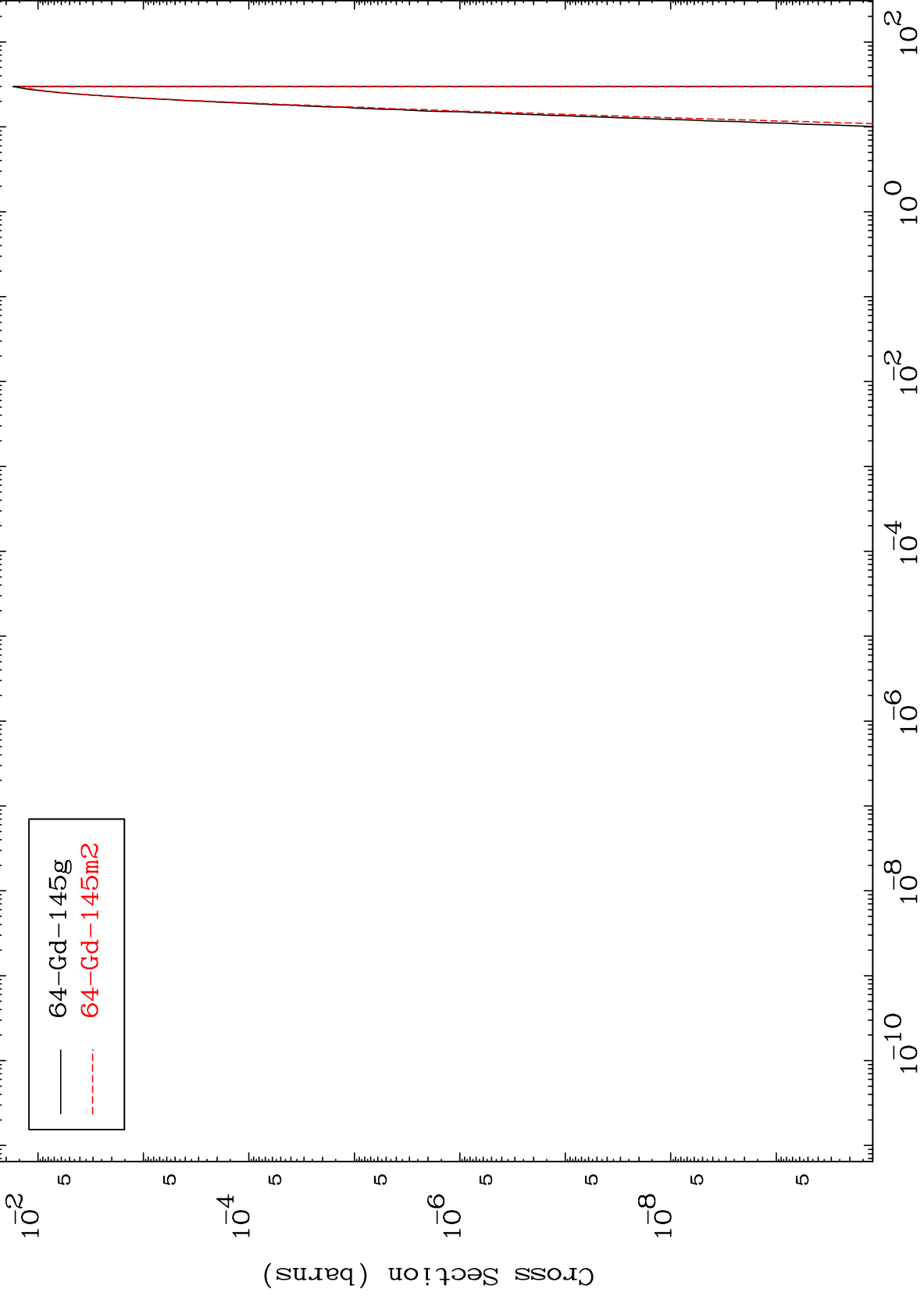
67-Ho-150

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(n,n') p α

67-Ho-150

Radionuclide Production Cross Section



32

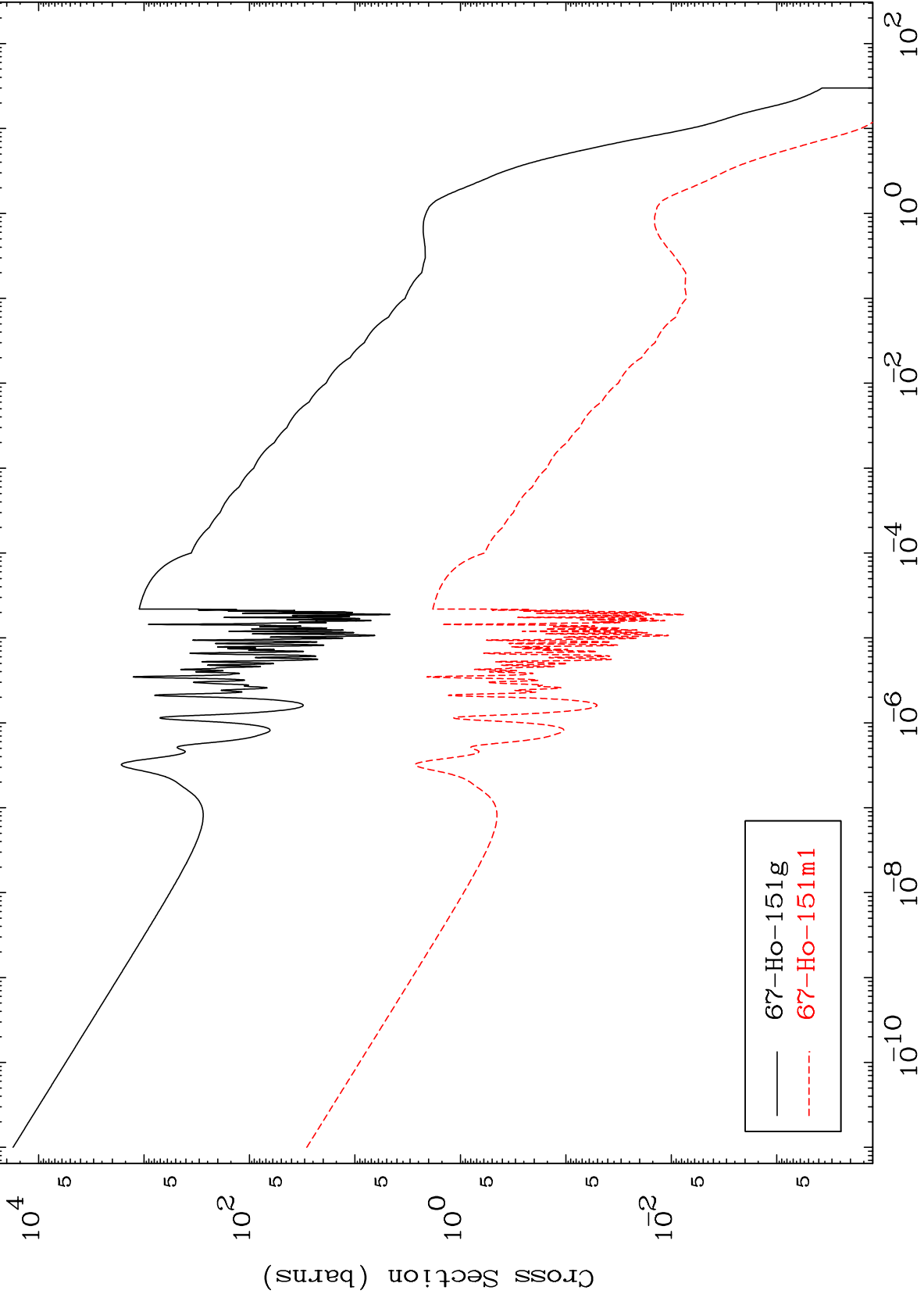
Incident Energy (MeV)

67-Ho-150

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⁶⁷Ho-150

Radionuclide Production Cross Section

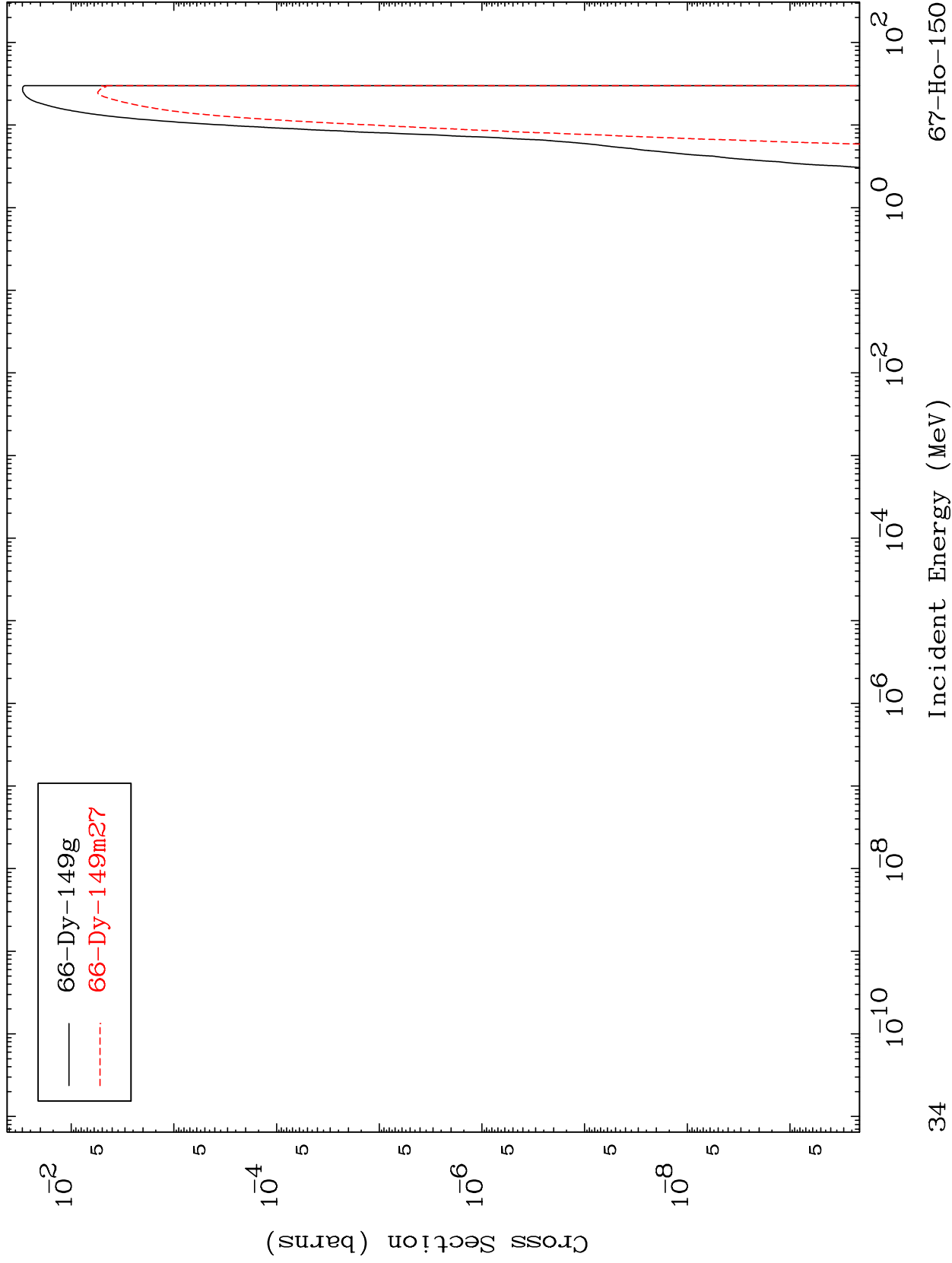


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(n,d)

67-Ho-150

Radionuclide Production Cross Section

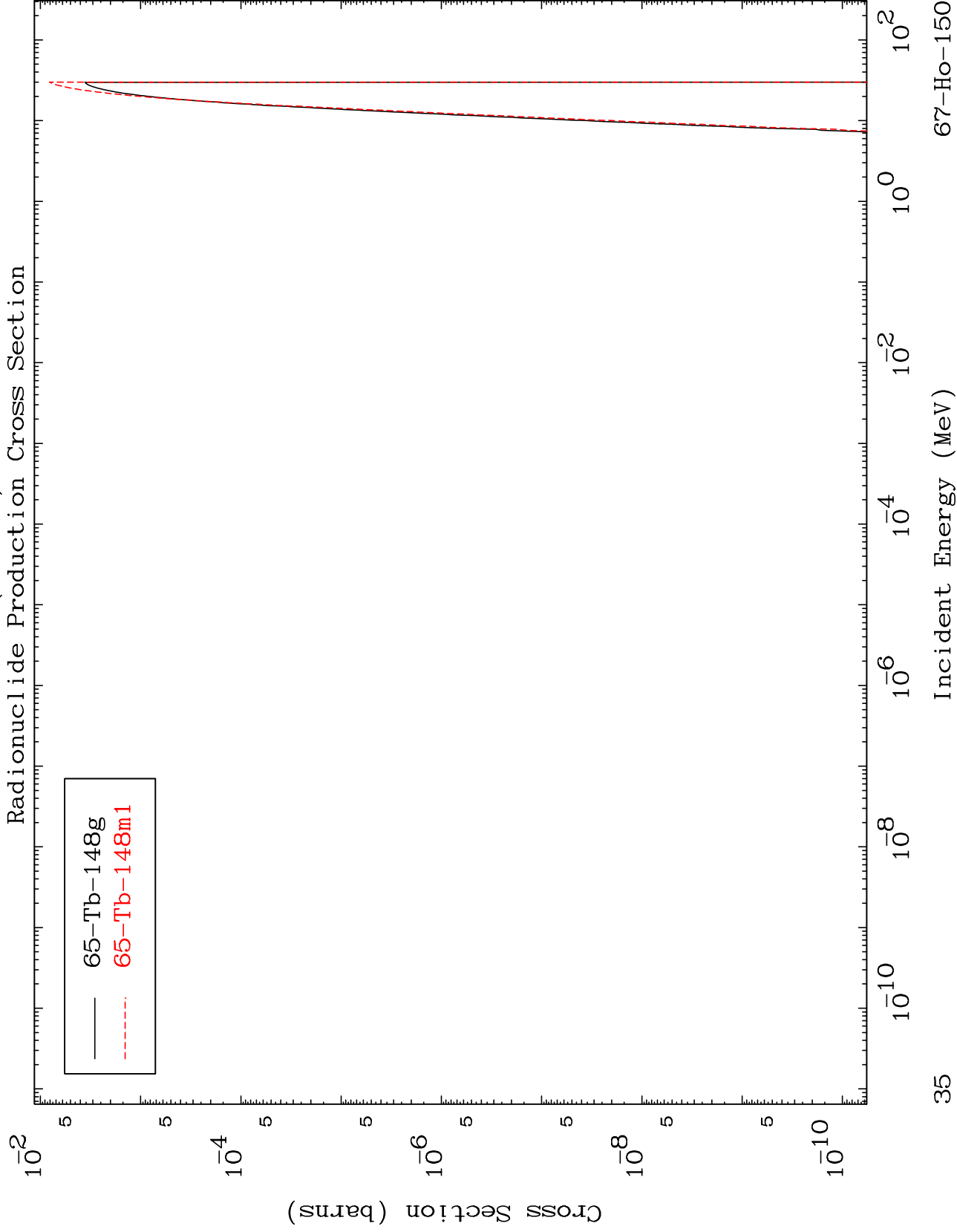


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(n,He-3)

67-Ho-150

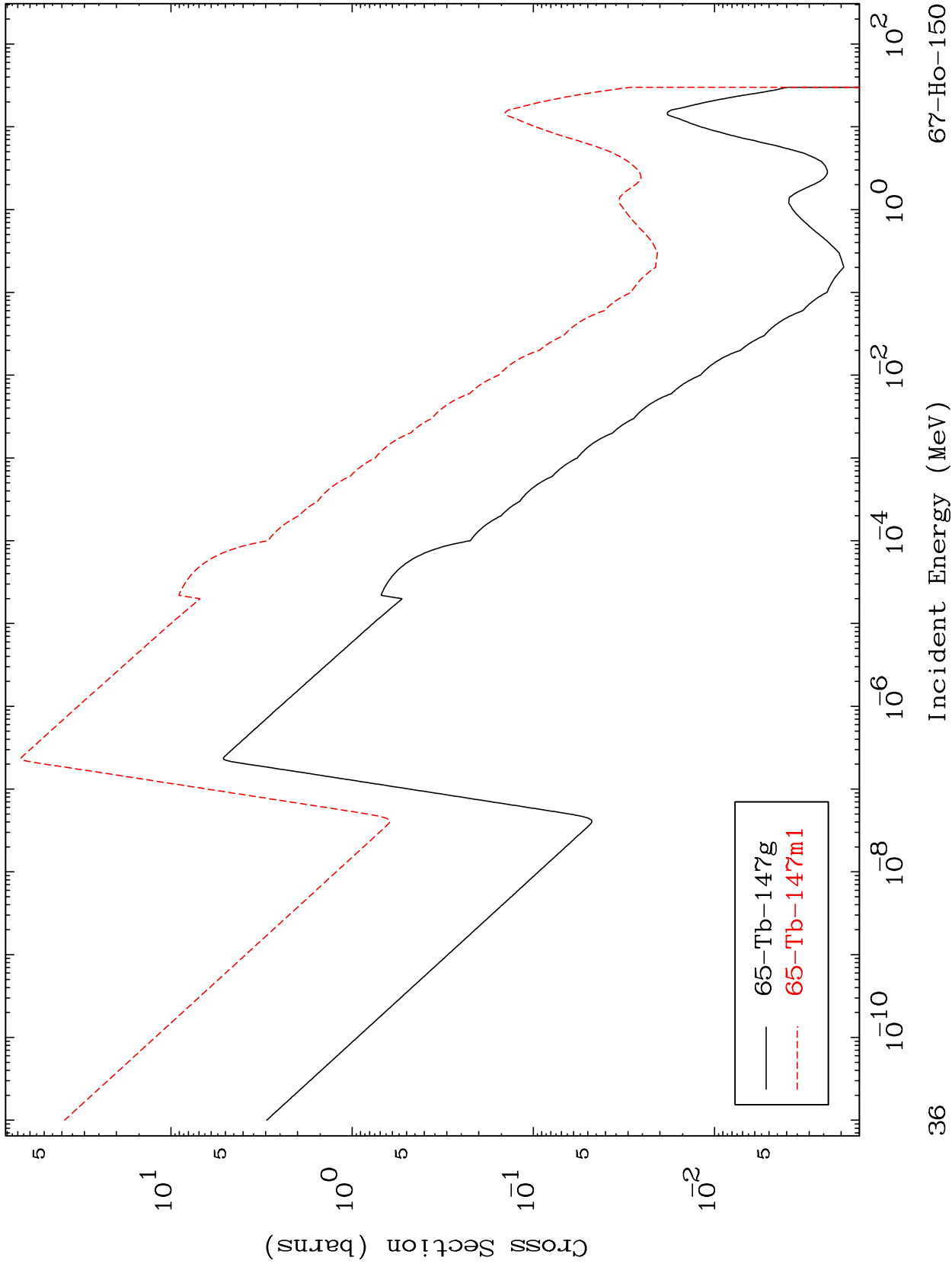
Radionuclide Production Cross Section



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67-Ho-150

(n, α)
Radionuclide Production Cross Section

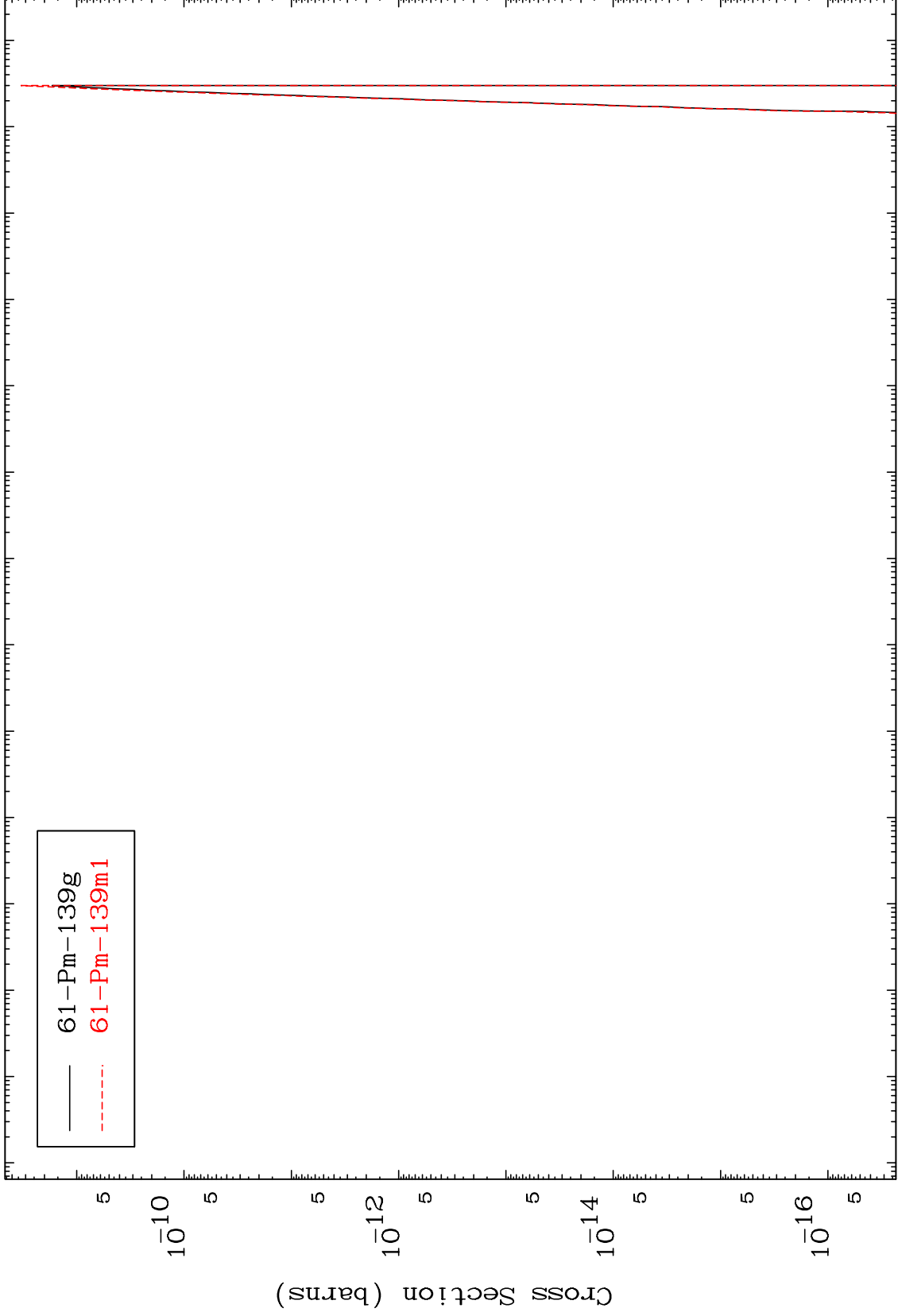
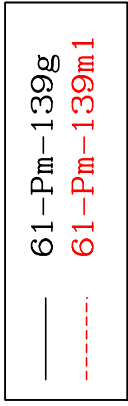


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(n,3 α)

67-Ho-150

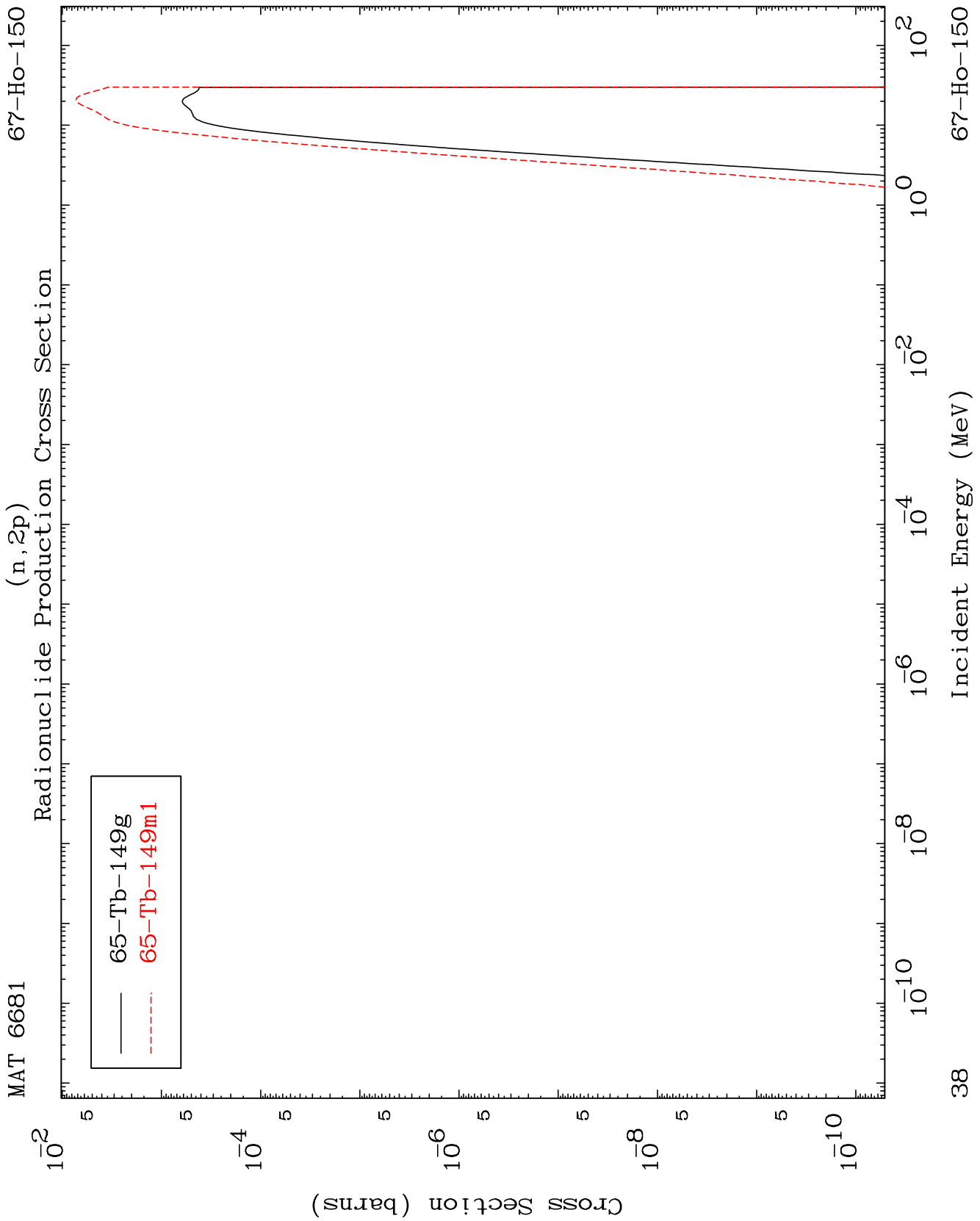
Radionuclide Production Cross Section



37

Incident Energy (MeV)

67-Ho-150

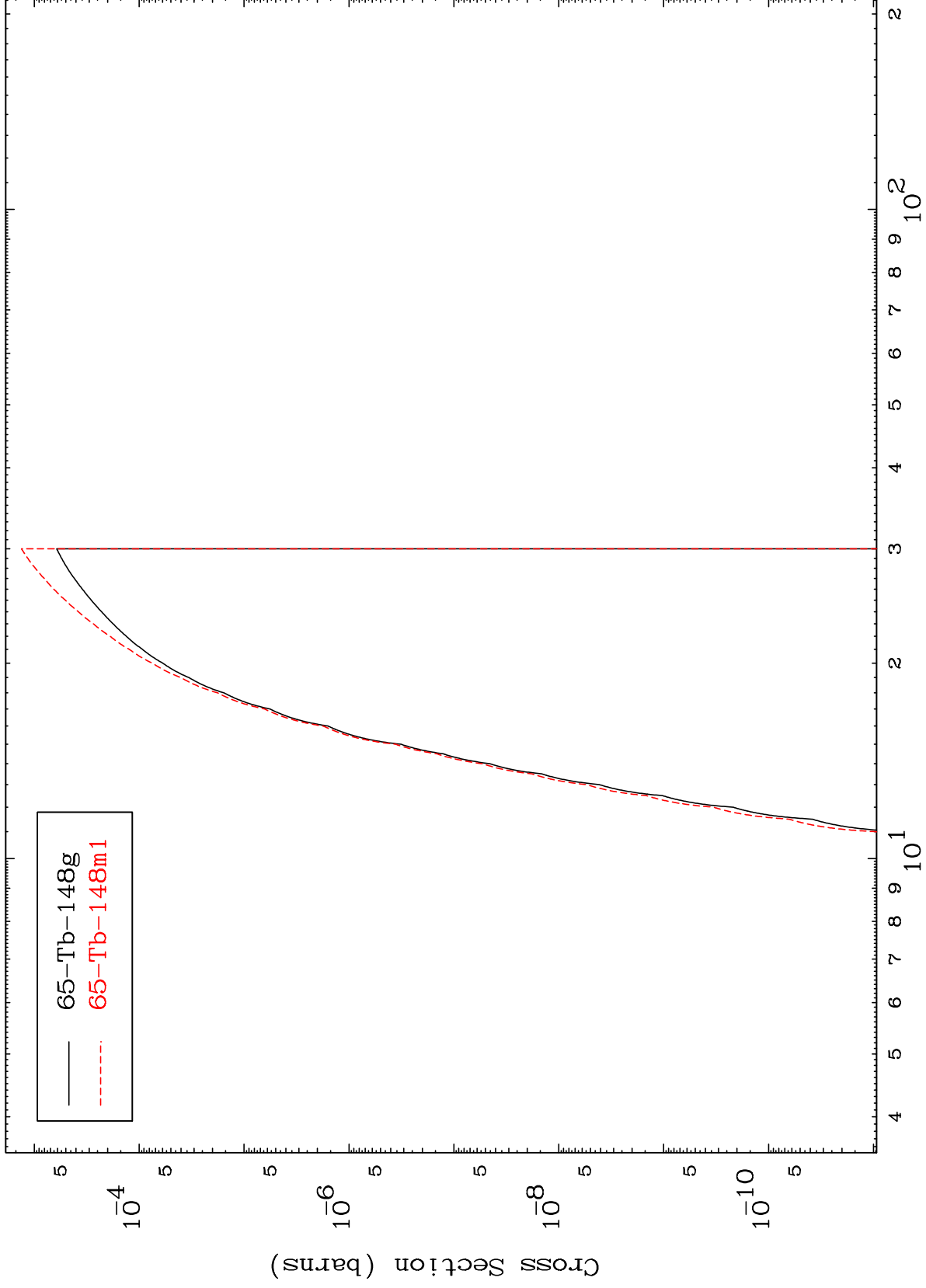


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(n,p) d

67-Ho-150

Radionuclide Production Cross Section



39

Incident Energy (MeV)

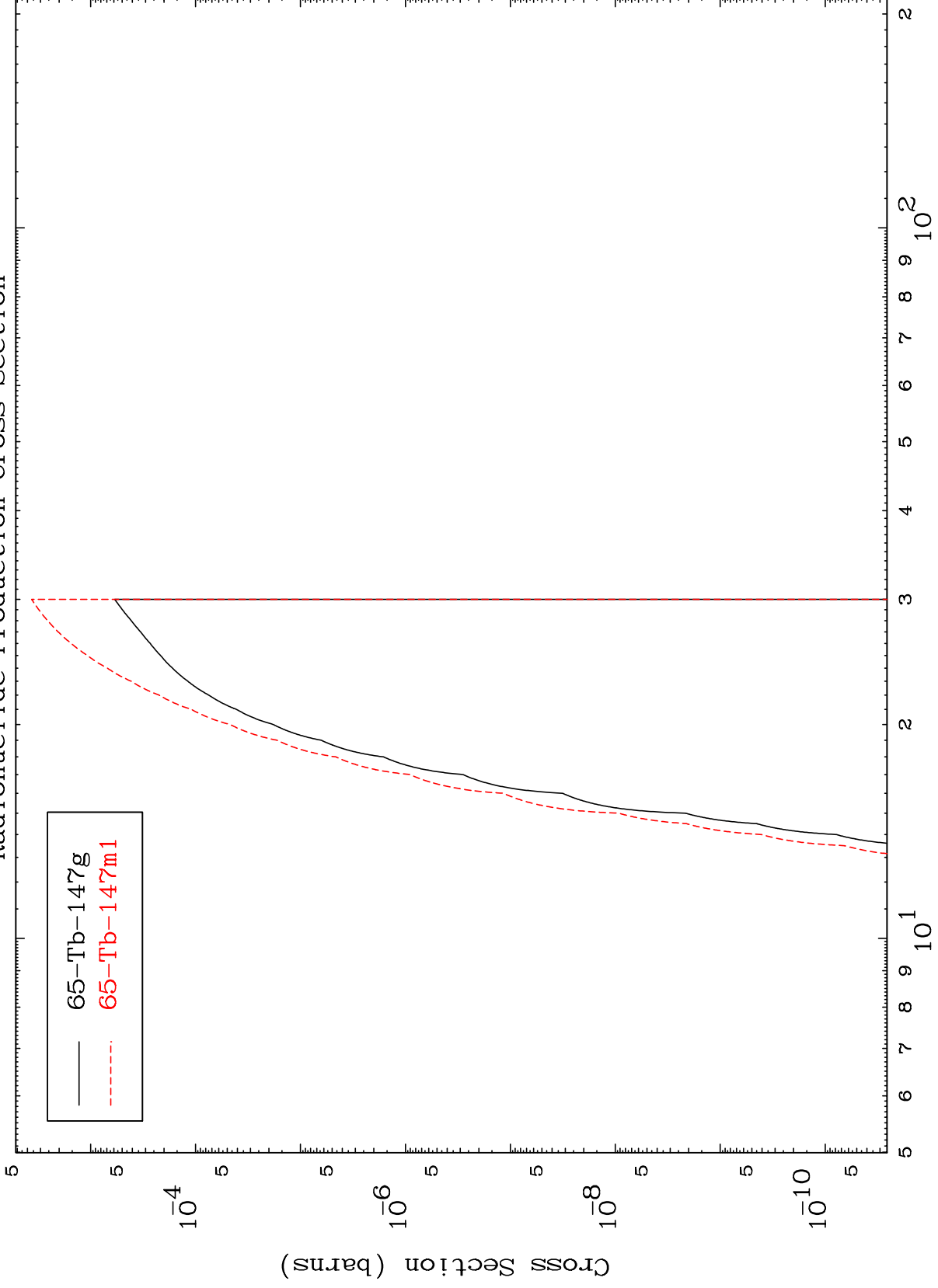
67-Ho-150

MAT 6681

(n,p) t

67-Ho-150

Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

40

Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,d) α

67-Ho-150

Radionuclide Production Cross Section

