

Program EVALPLOT
(Version 2021-1)

by

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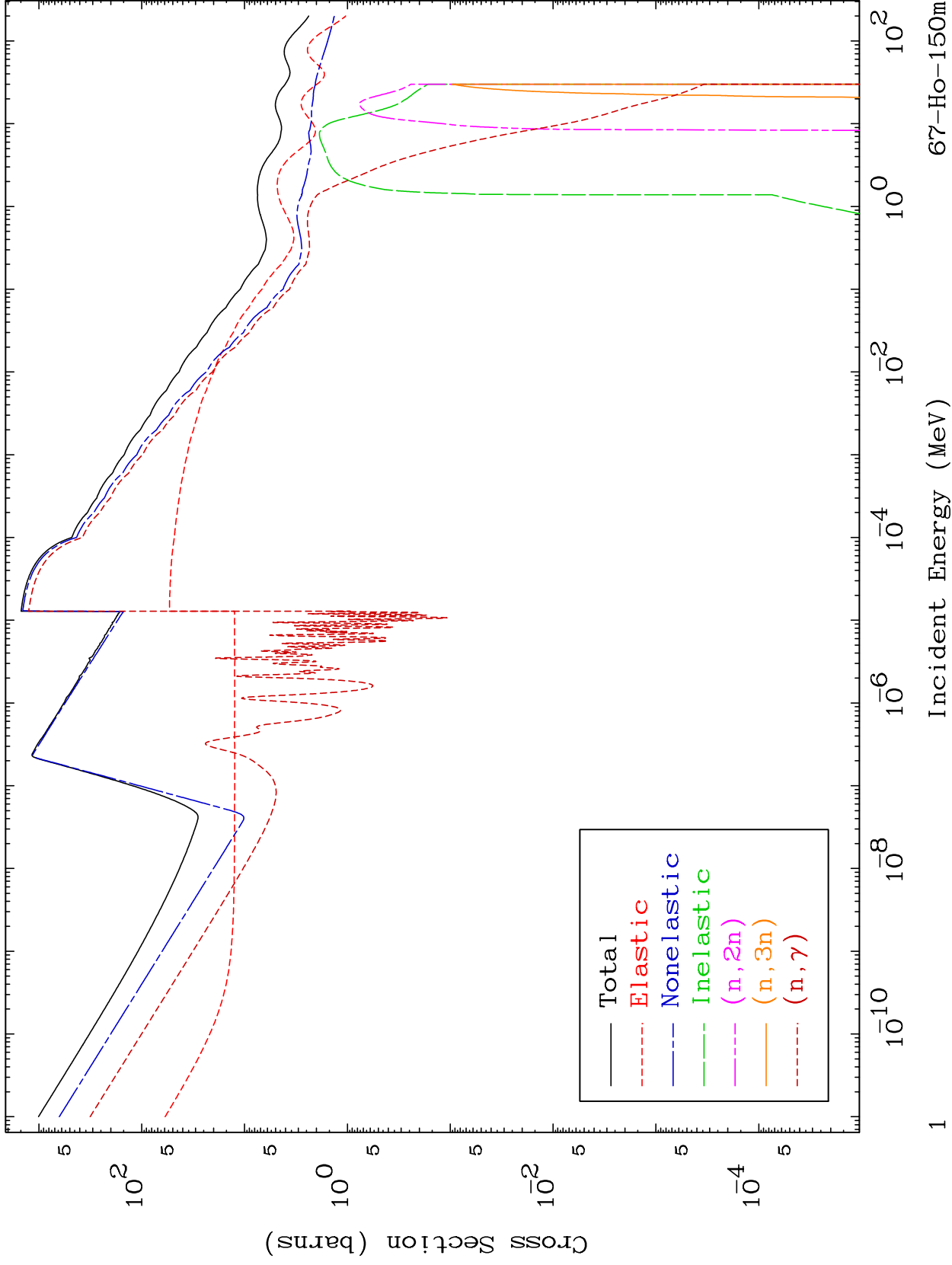
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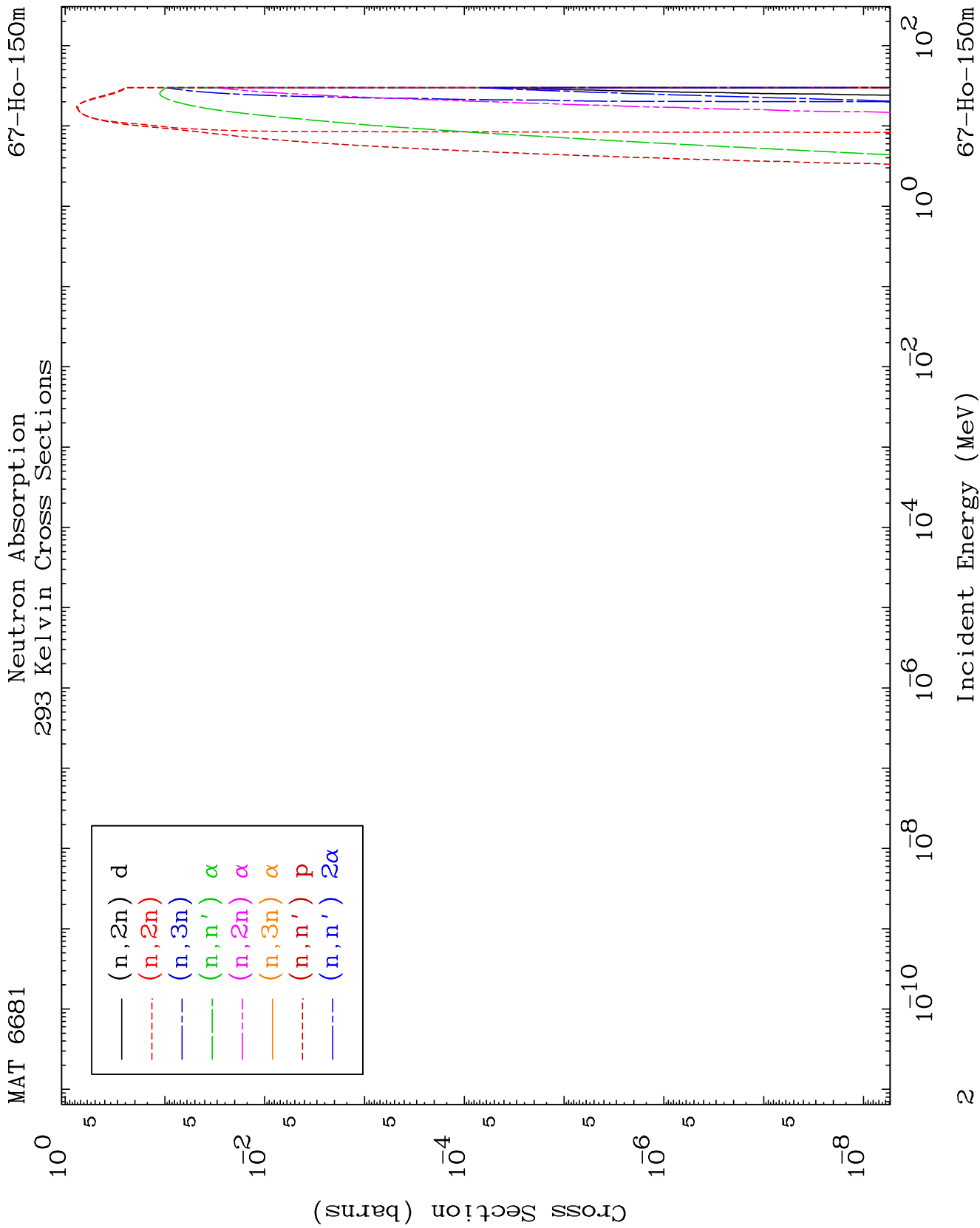
Press Mouse Button to Start

MAT 6681

Neutron Major
293 Kelvin Cross Sections

67-Ho-150m

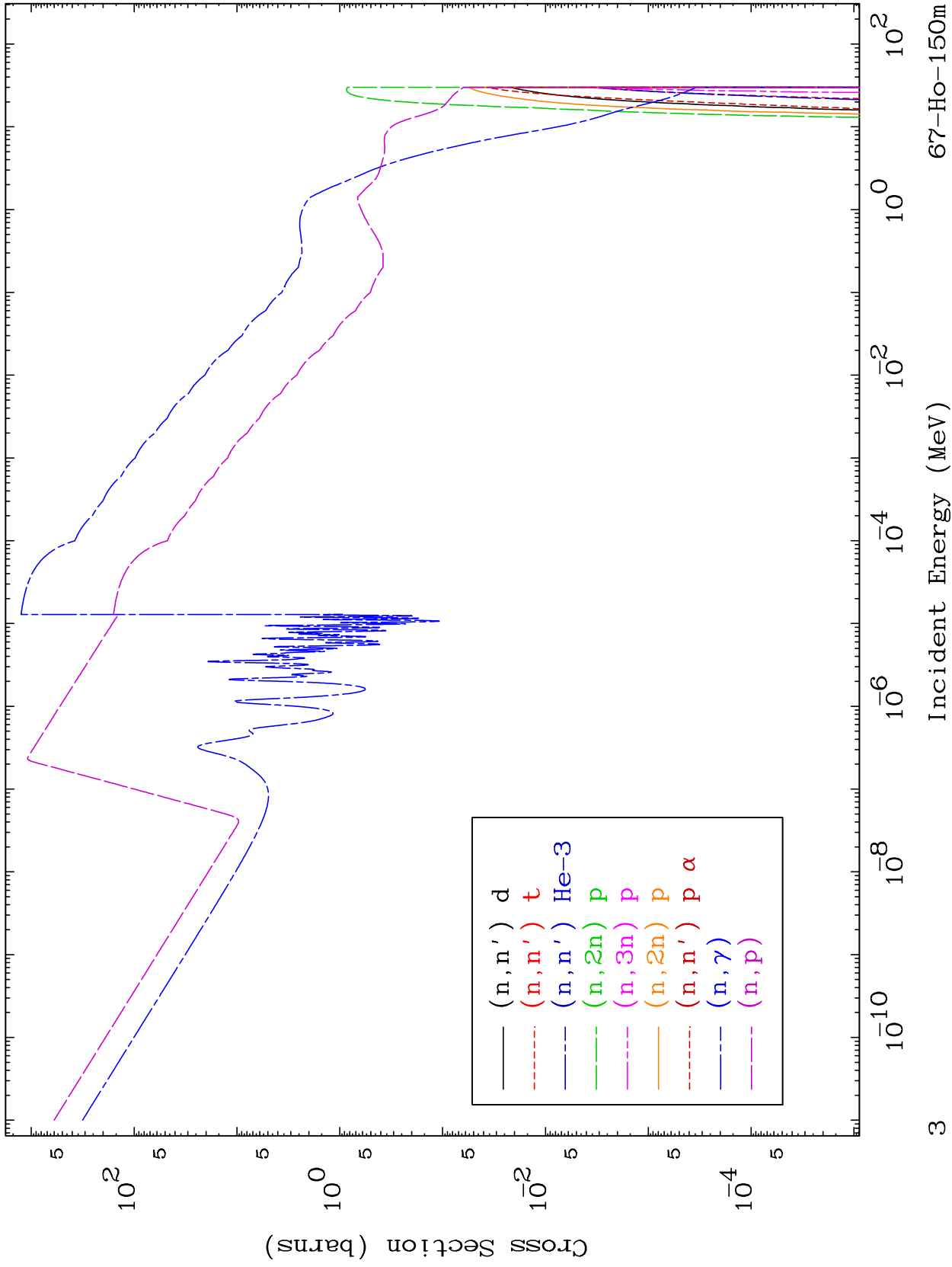




MAT 6681

Neutron Absorption
293 Kelvin Cross Sections

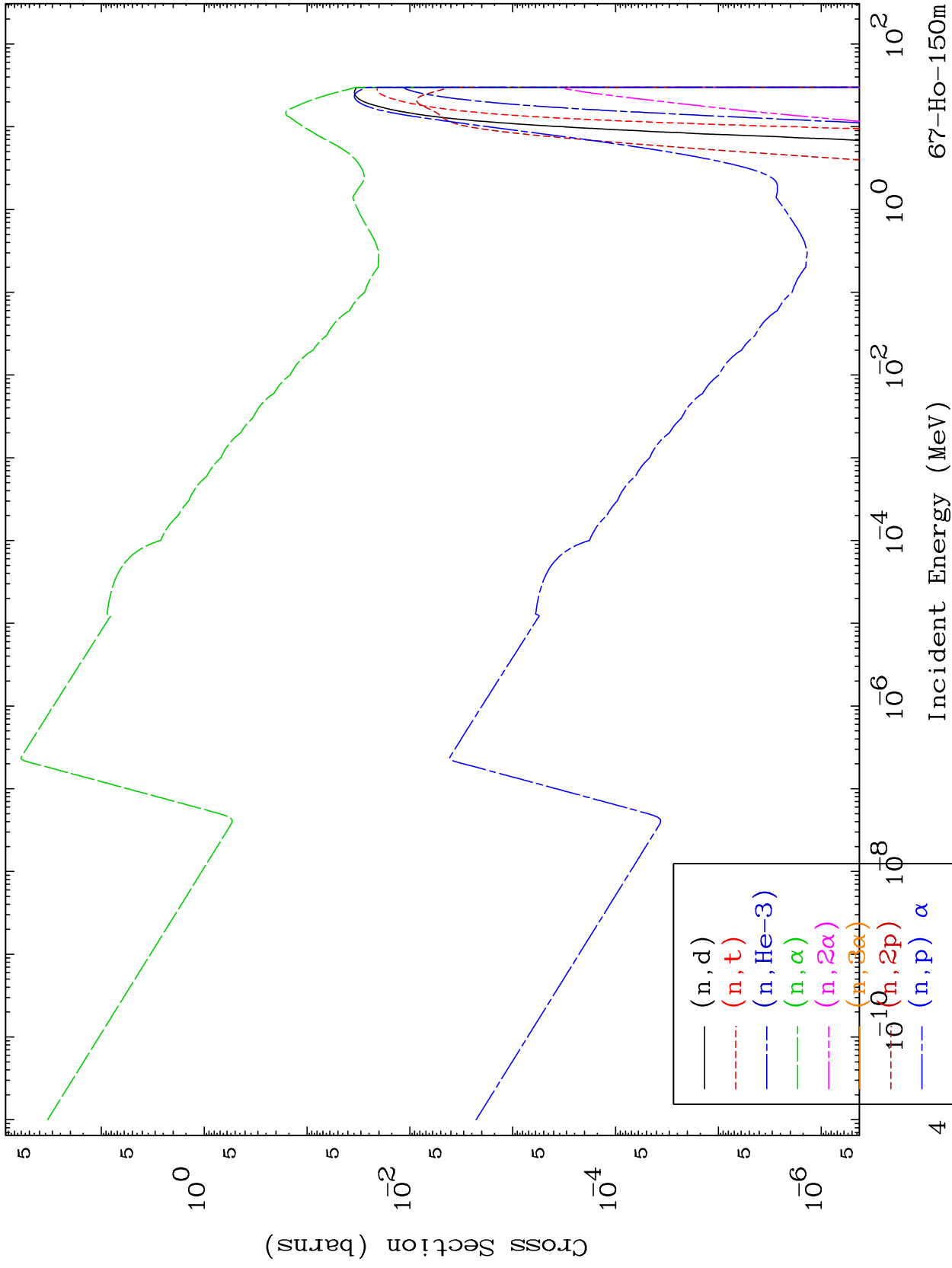
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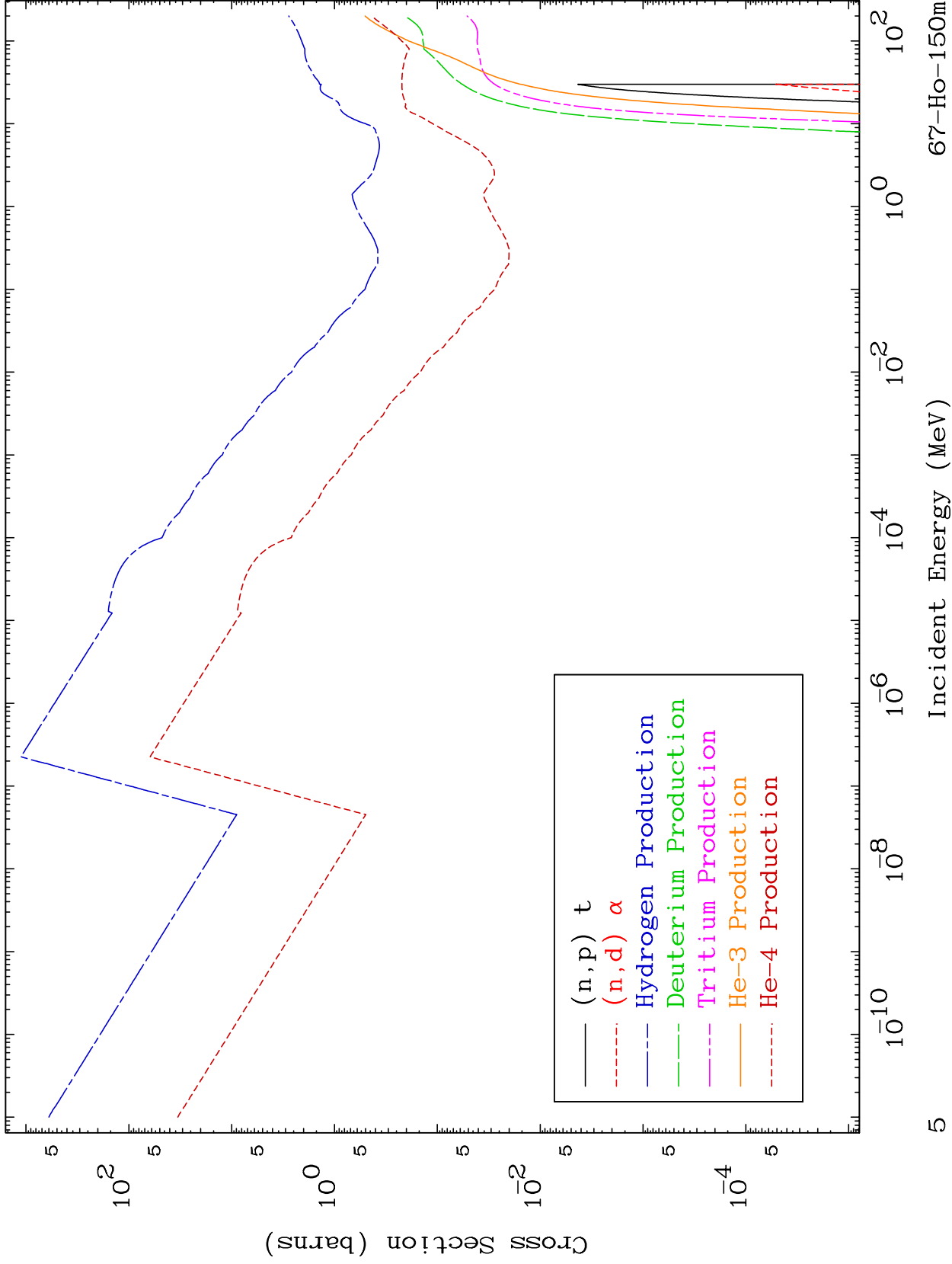


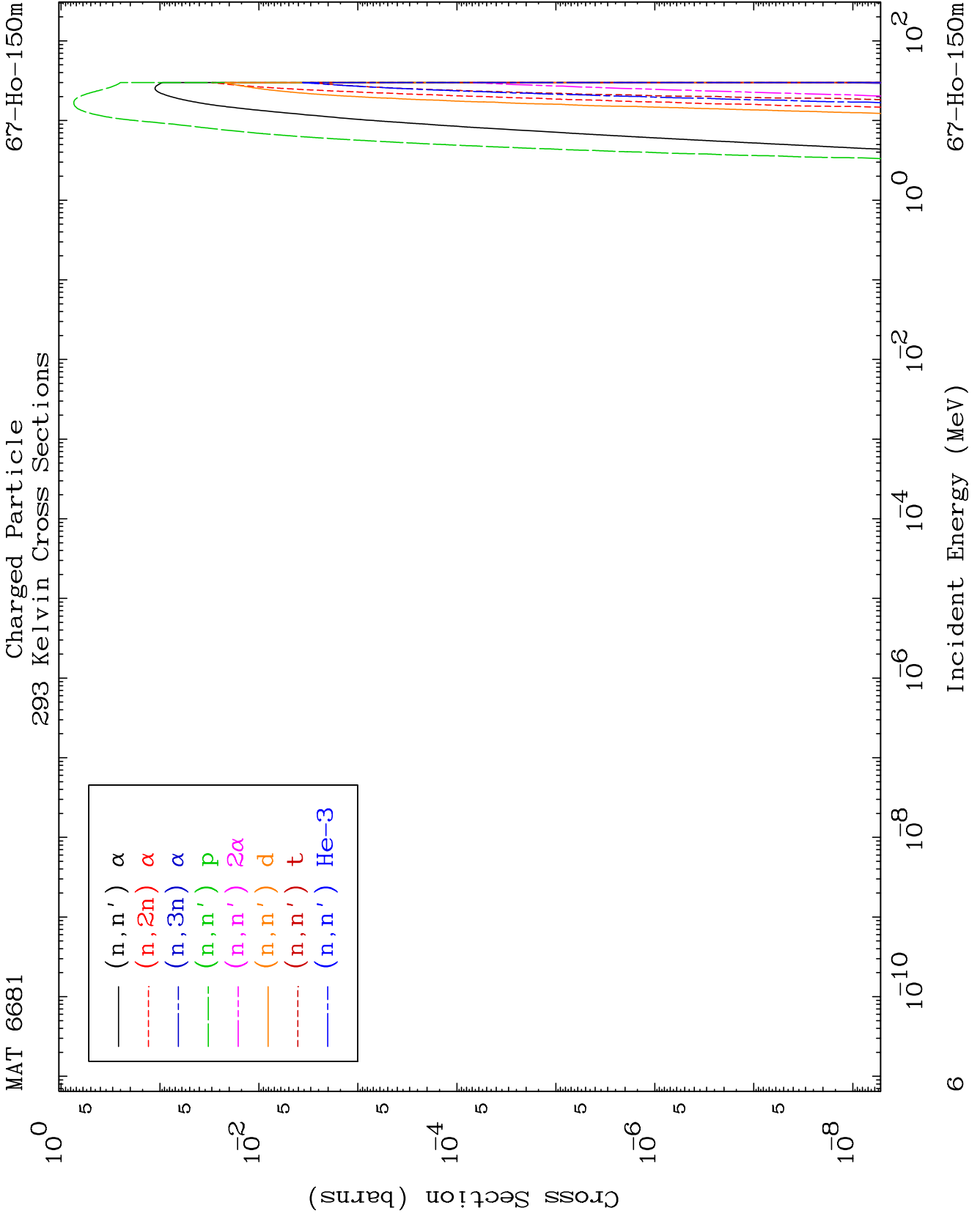
MAT 6681

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-150m



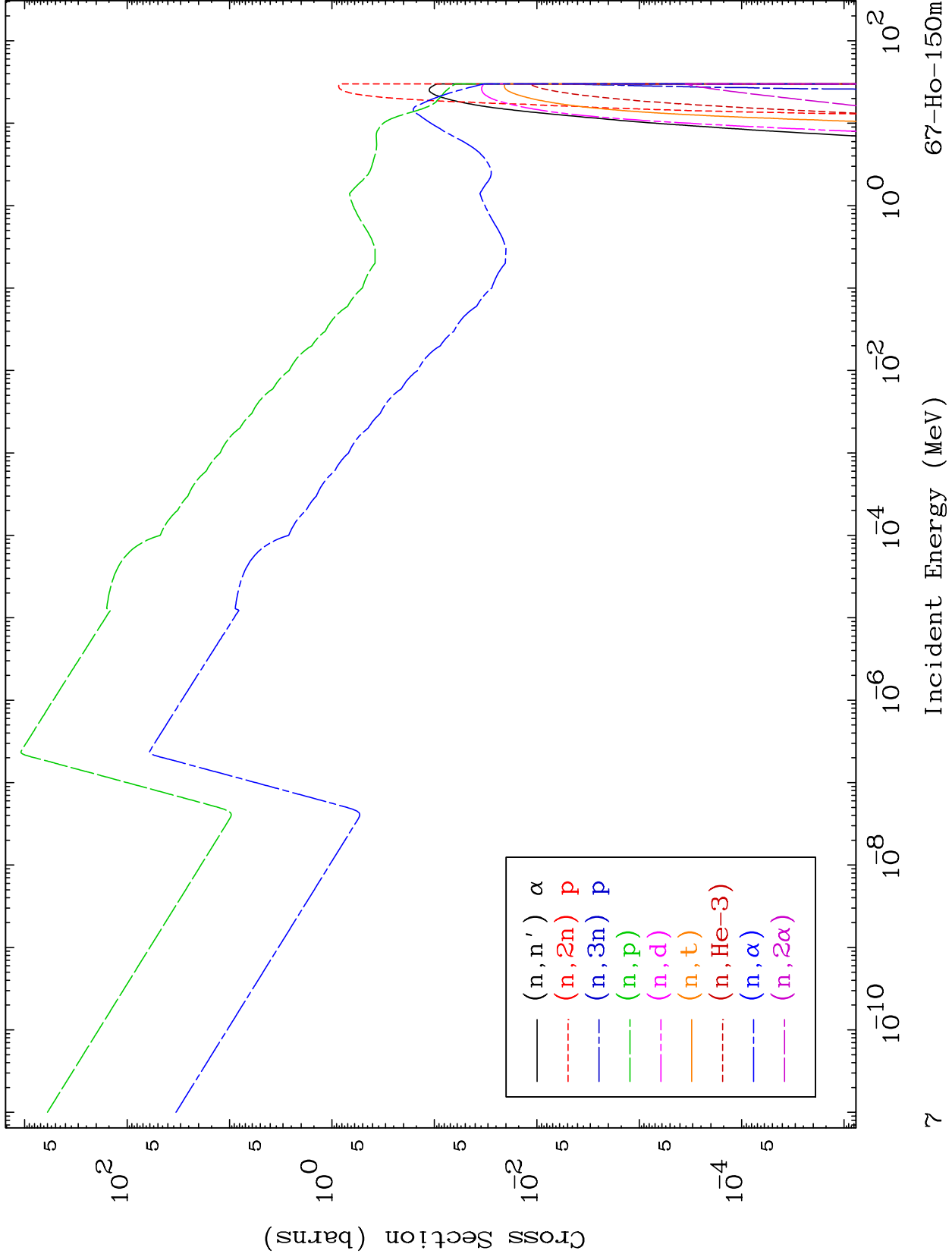




MAT 6681

Charged Particle
293 Kelvin Cross Sections

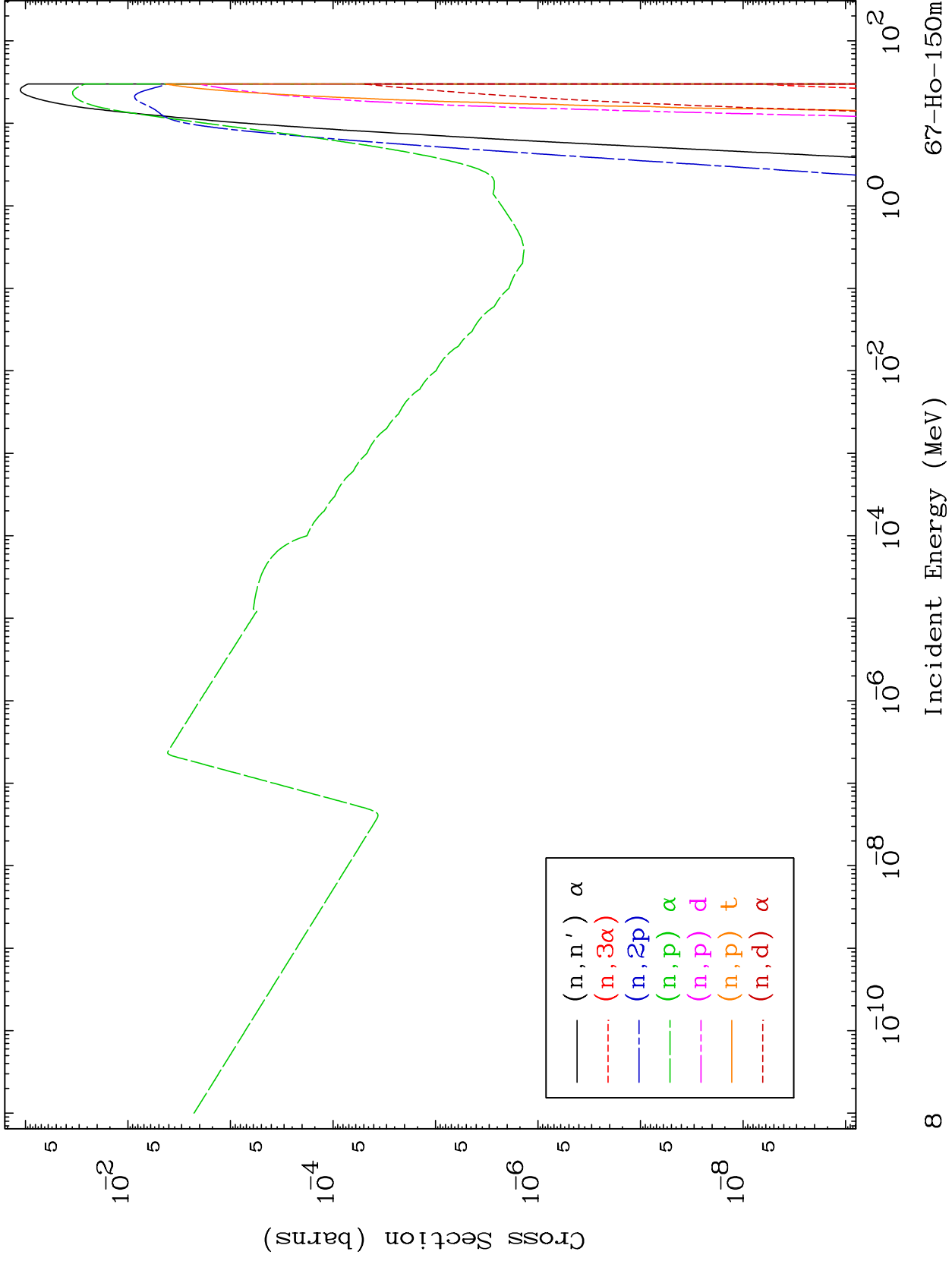
67-Ho-150m



MAT 6681

Charged Particle
293 Kelvin Cross Sections

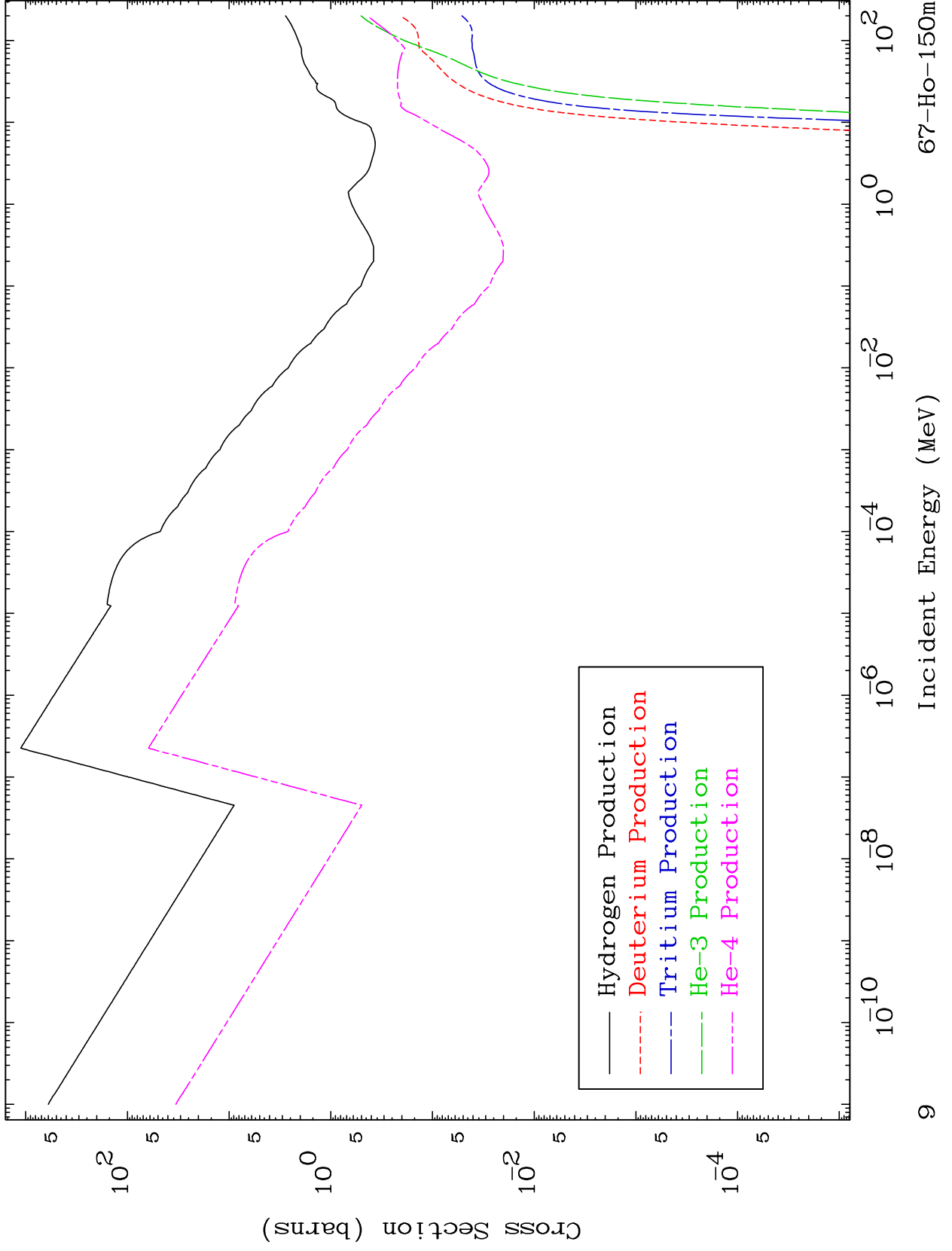
67-Ho-150m



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Particle Production
293 Kelvin Cross Sections

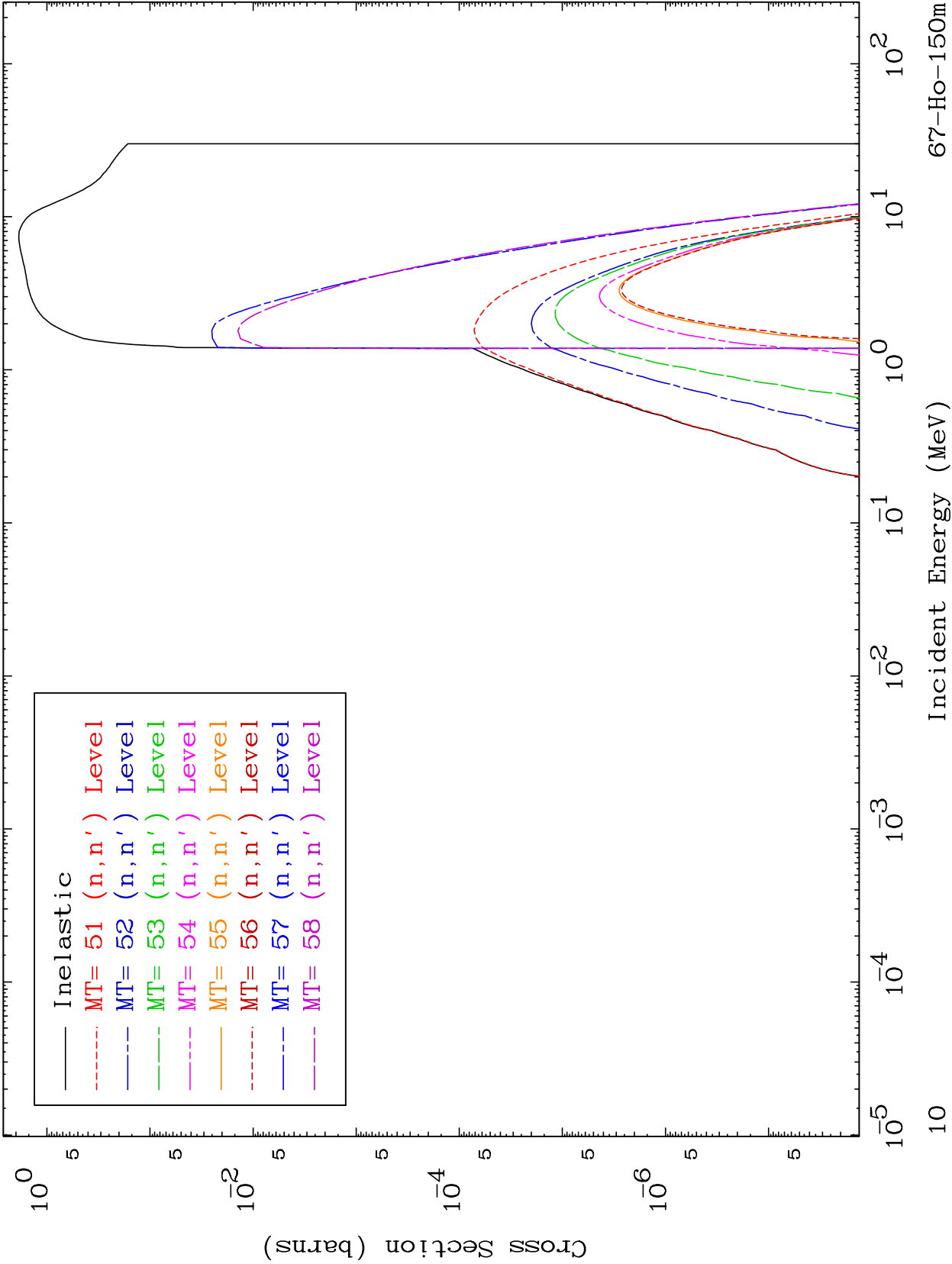
67-Ho-150m



MAT 6681

(n,n') Levels
293 Kelvin Cross Sections

67-Ho-150m



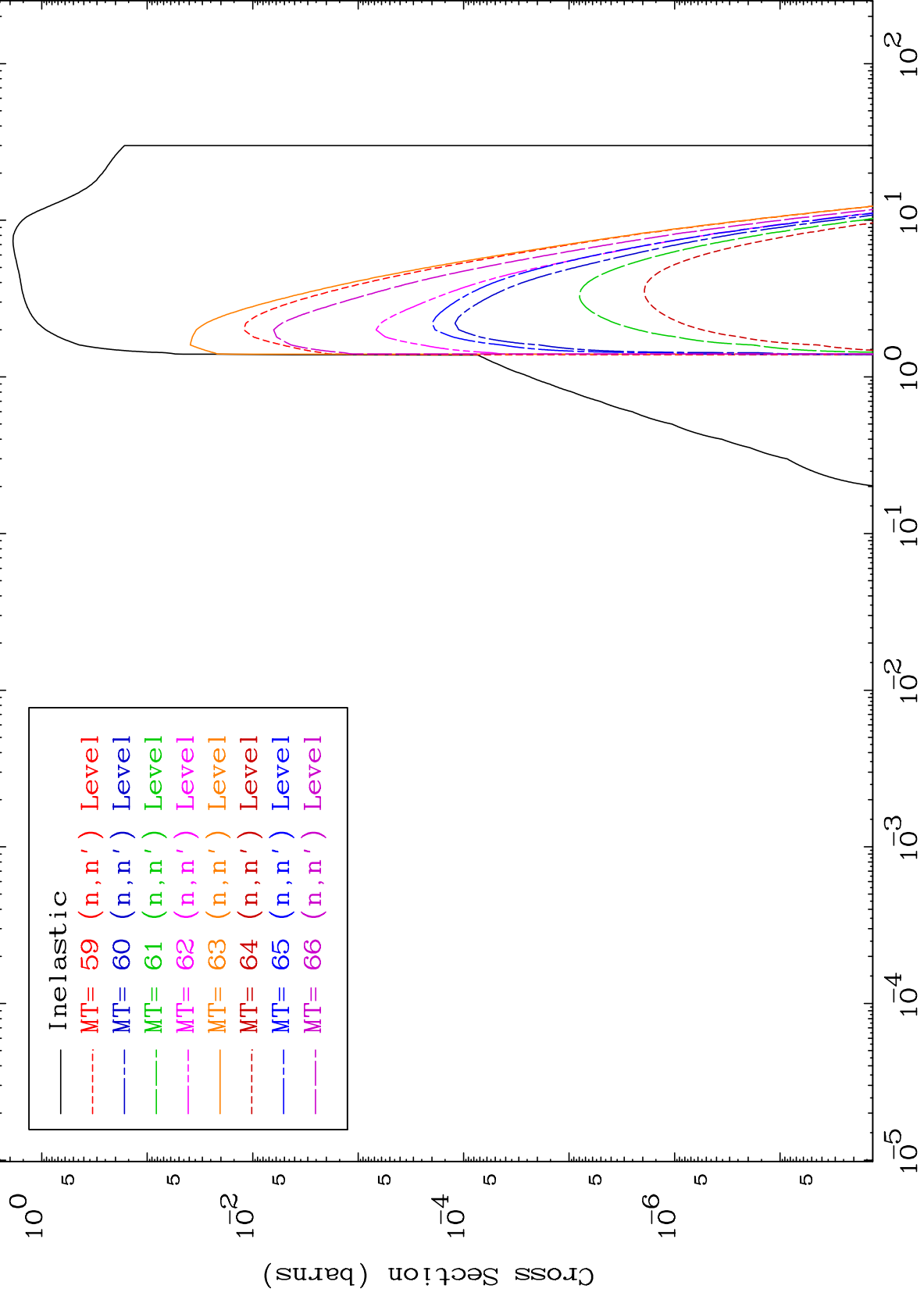
67-Ho-150m

Incident Energy (MeV)

MAT 6681

(n,n') Levels
293 Kelvin Cross Sections

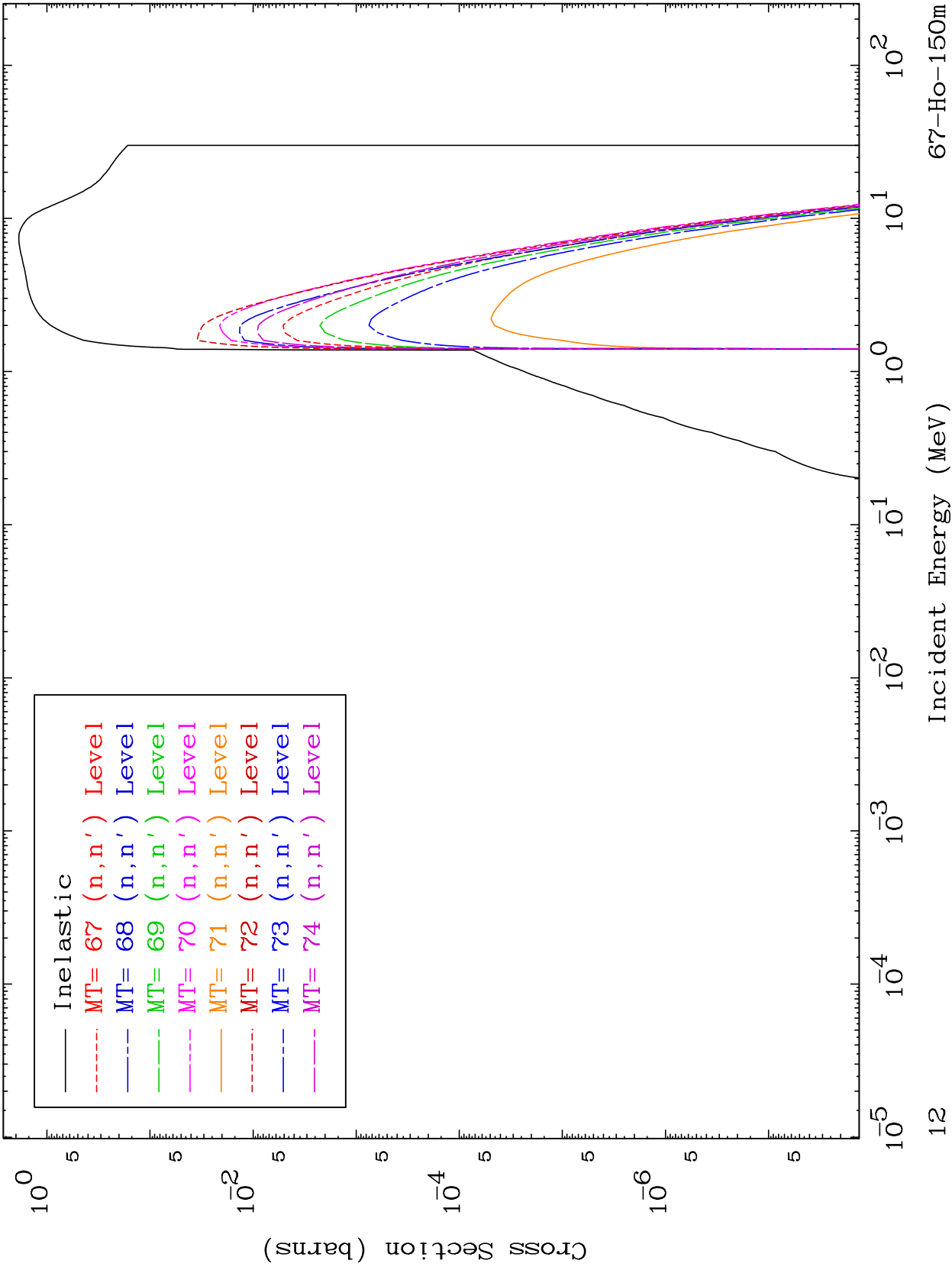
67-Ho-150m



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(n,n') Levels
293 Kelvin Cross Sections

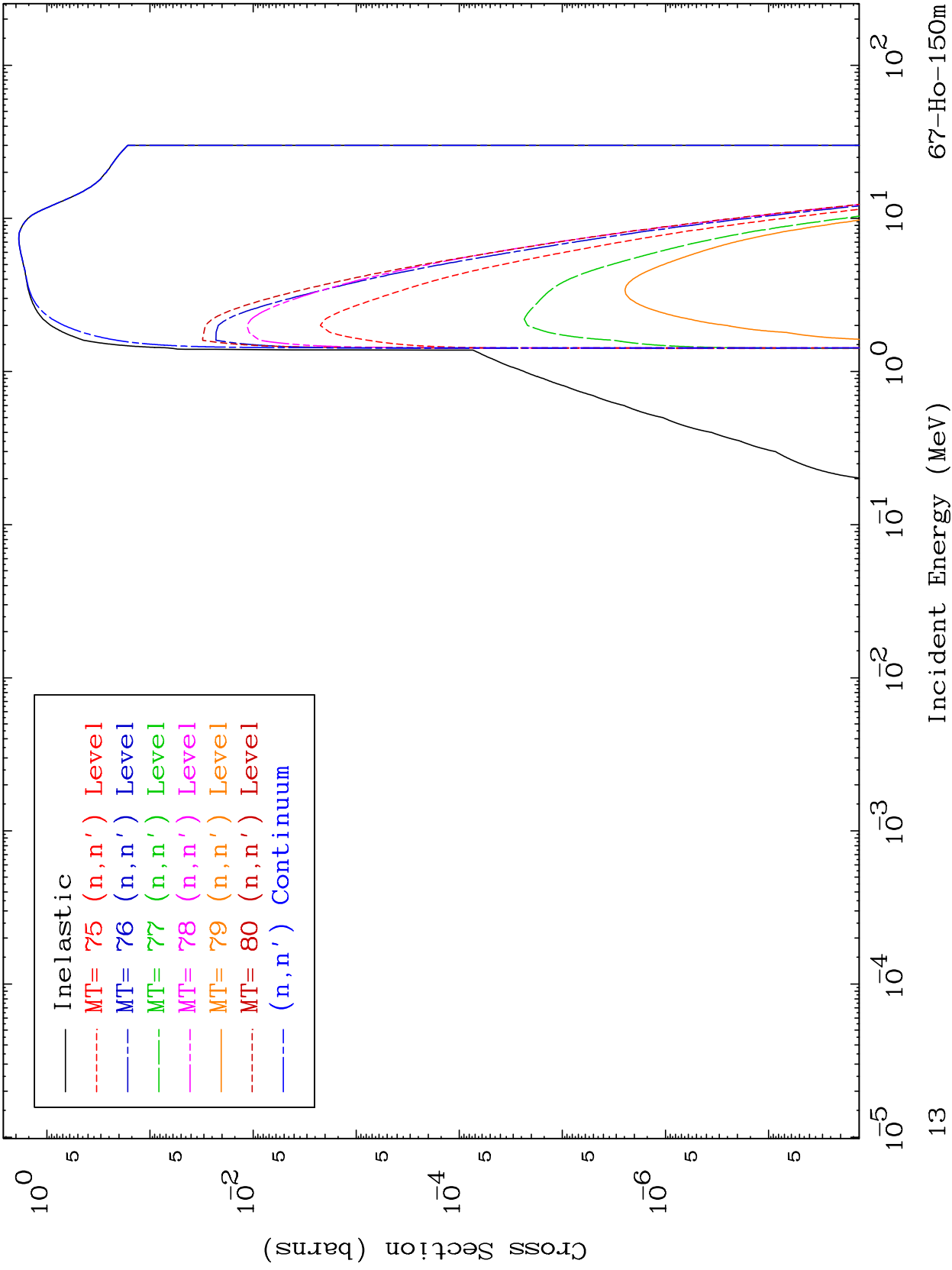
67-Ho-150m

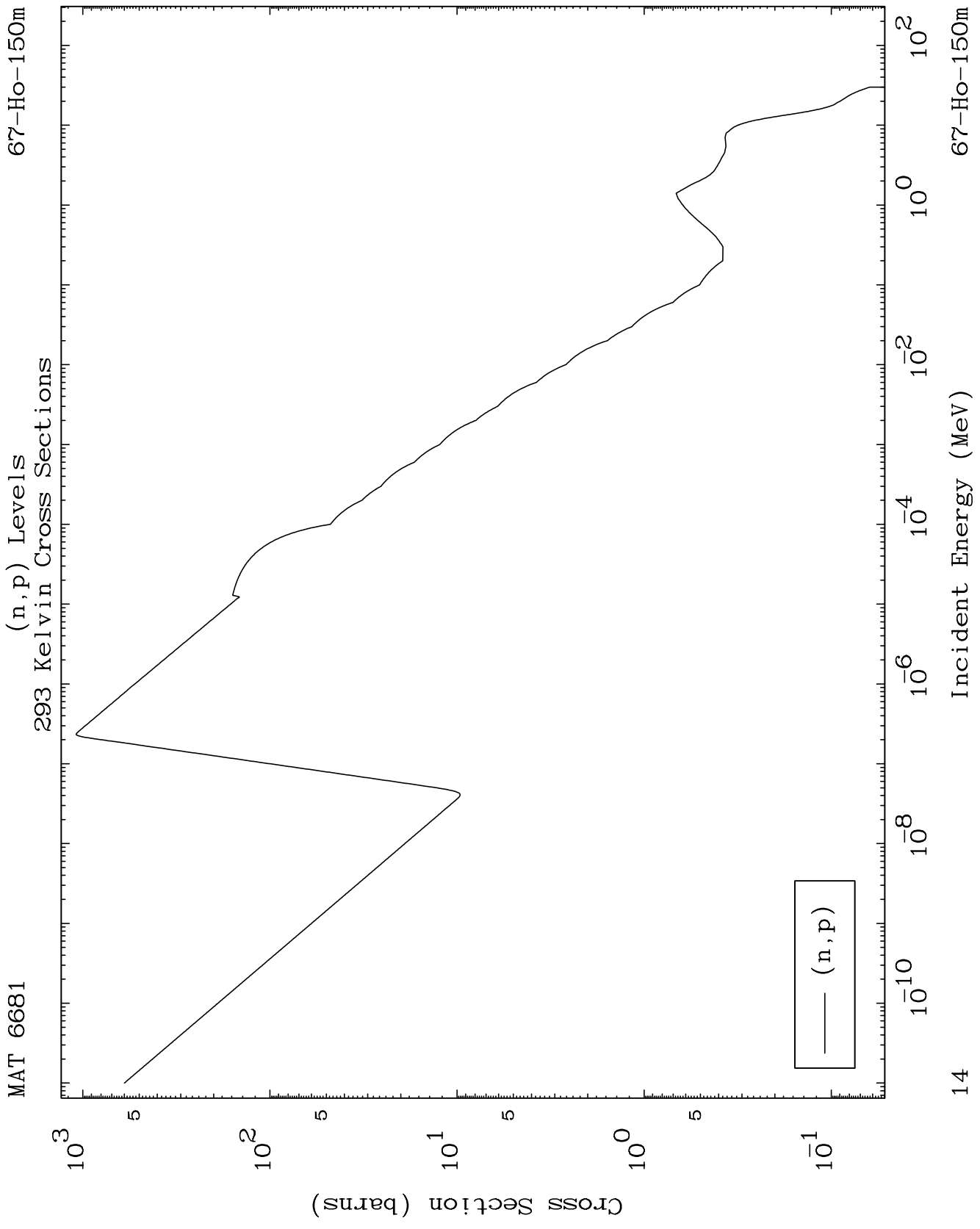


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(n,n') Levels
293 Kelvin Cross Sections

67-Ho-150m

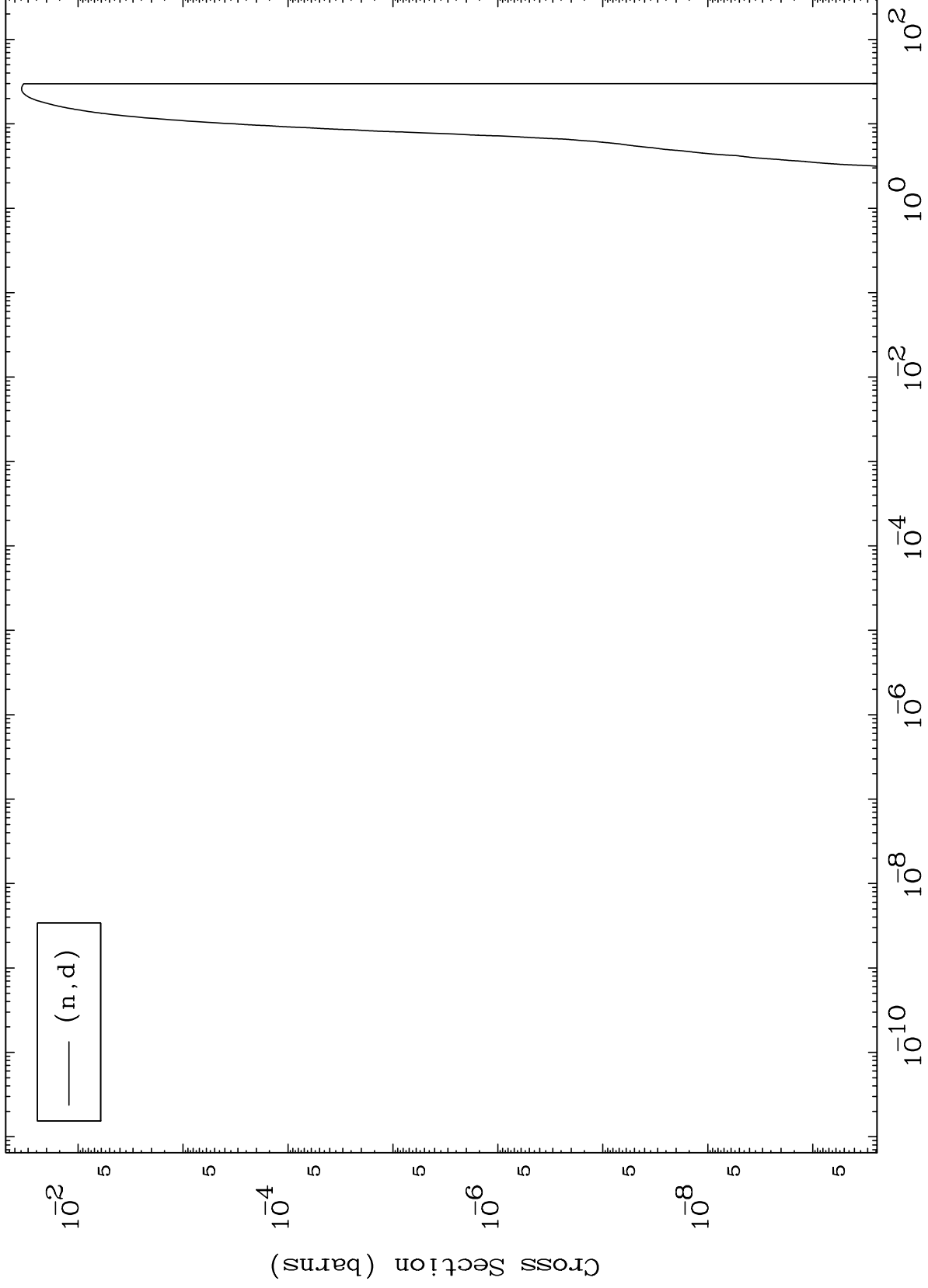




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(n,d) Levels
293 Kelvin Cross Sections

67-Ho-150m



15

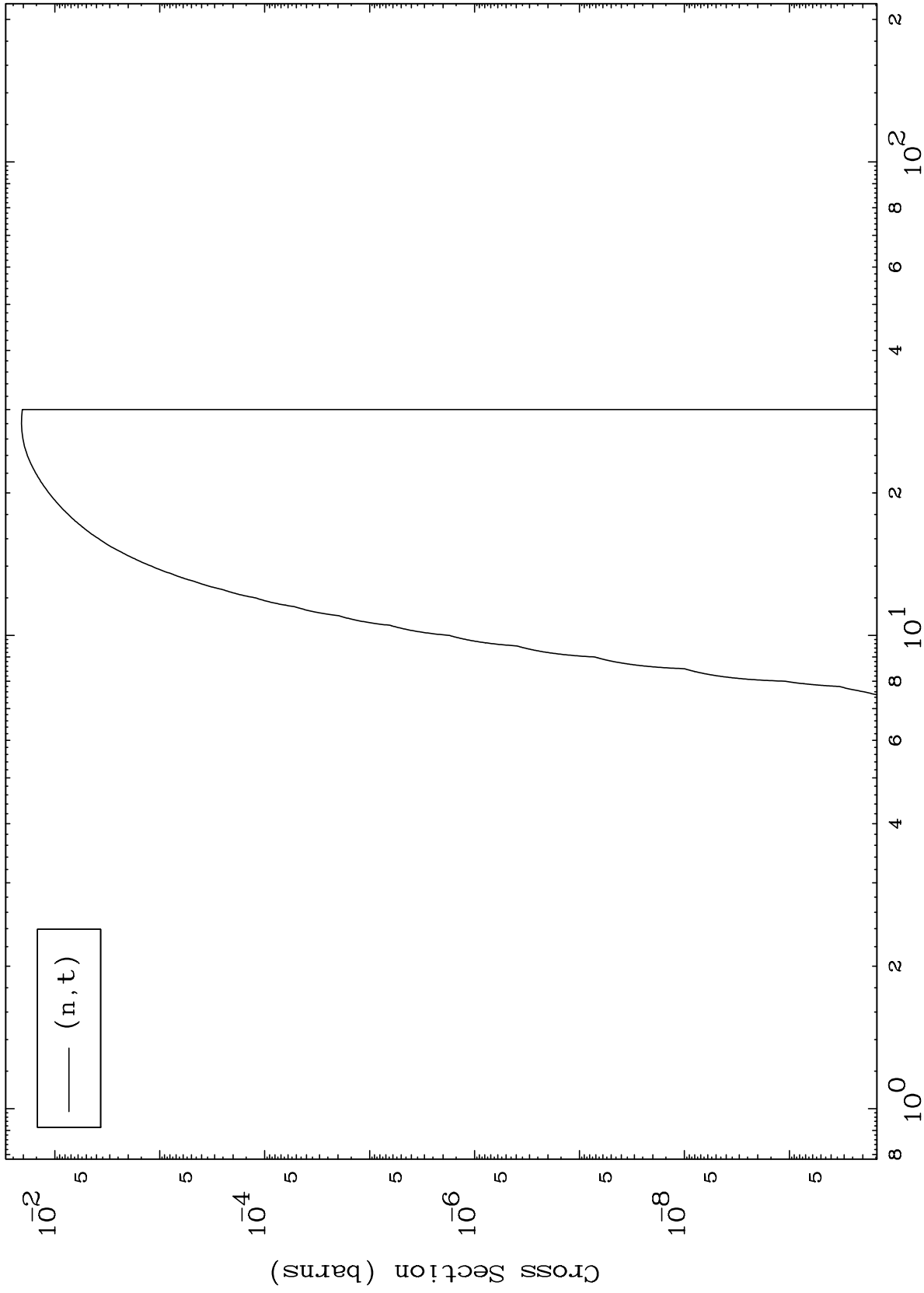
Incident Energy (MeV)

67-Ho-150m

MAT 6681

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-150m



16

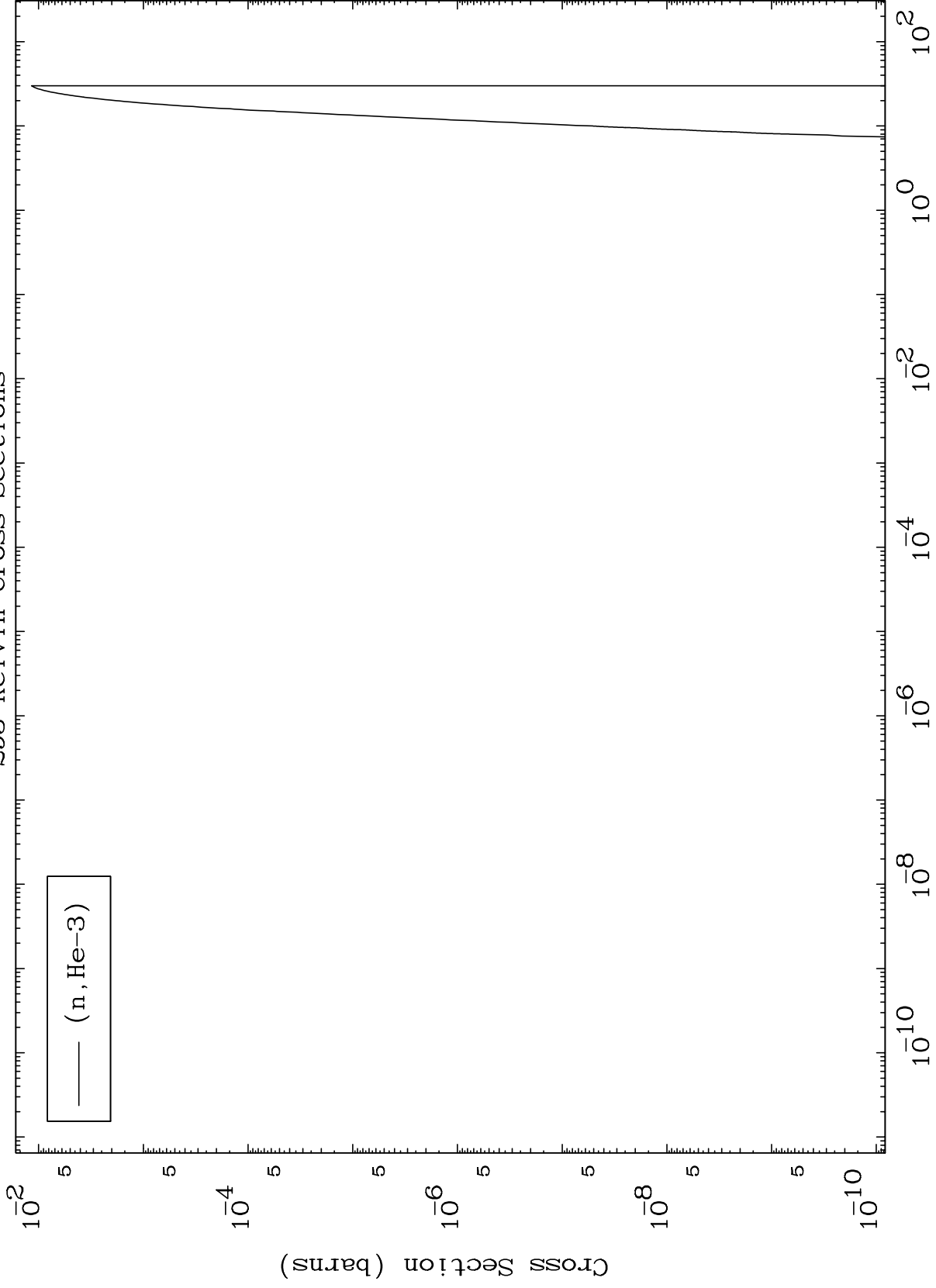
Incident Energy (MeV)

67-Ho-150m

MAT 6681

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-150m

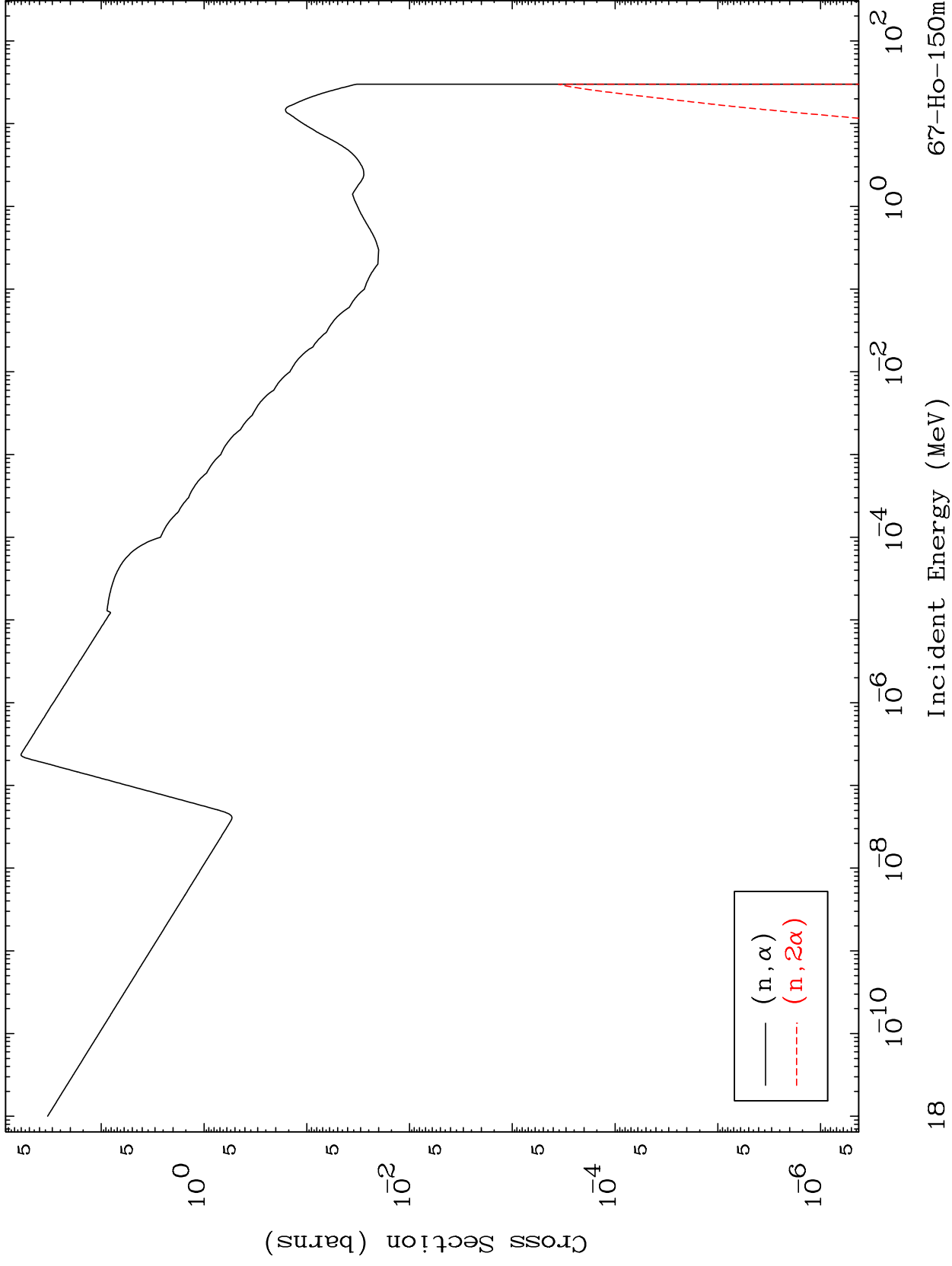


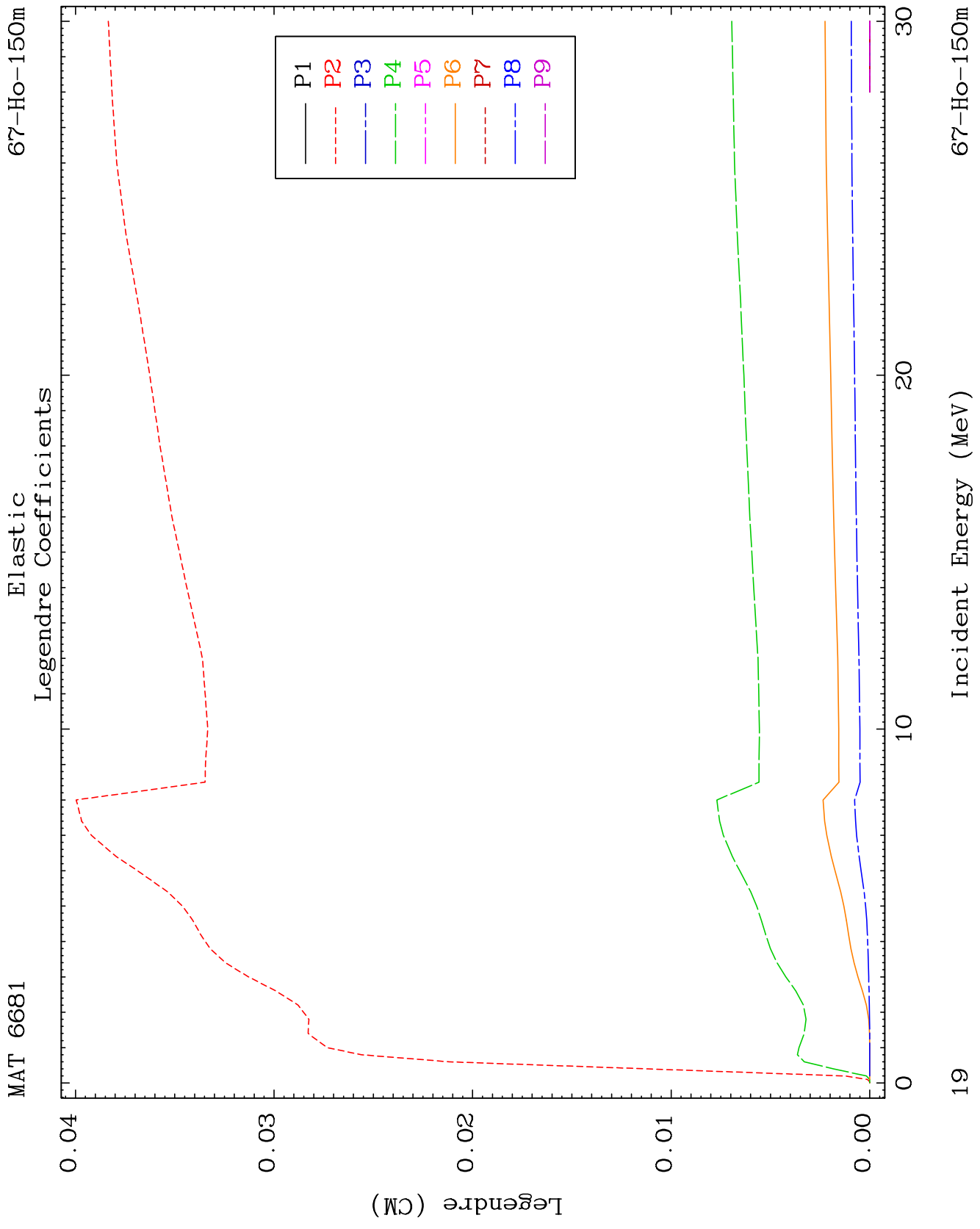
(n, He-3)

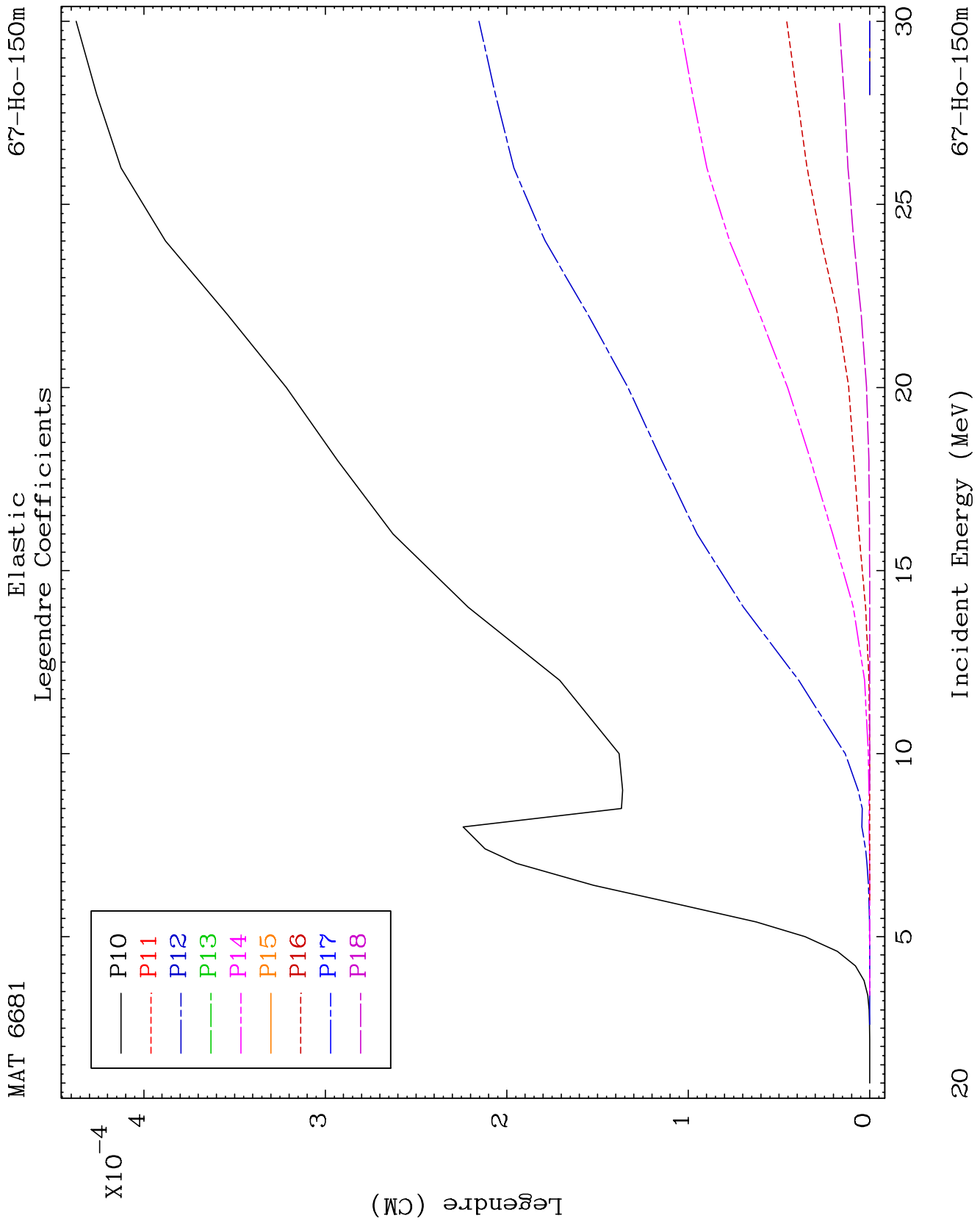
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(n,α) Levels
293 Kelvin Cross Sections

67-Ho-150m



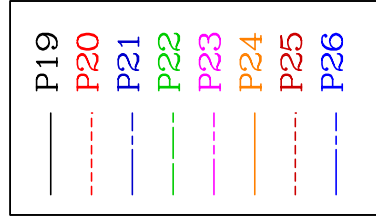




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Elastic
Legendre Coefficients

67-Ho-150m



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

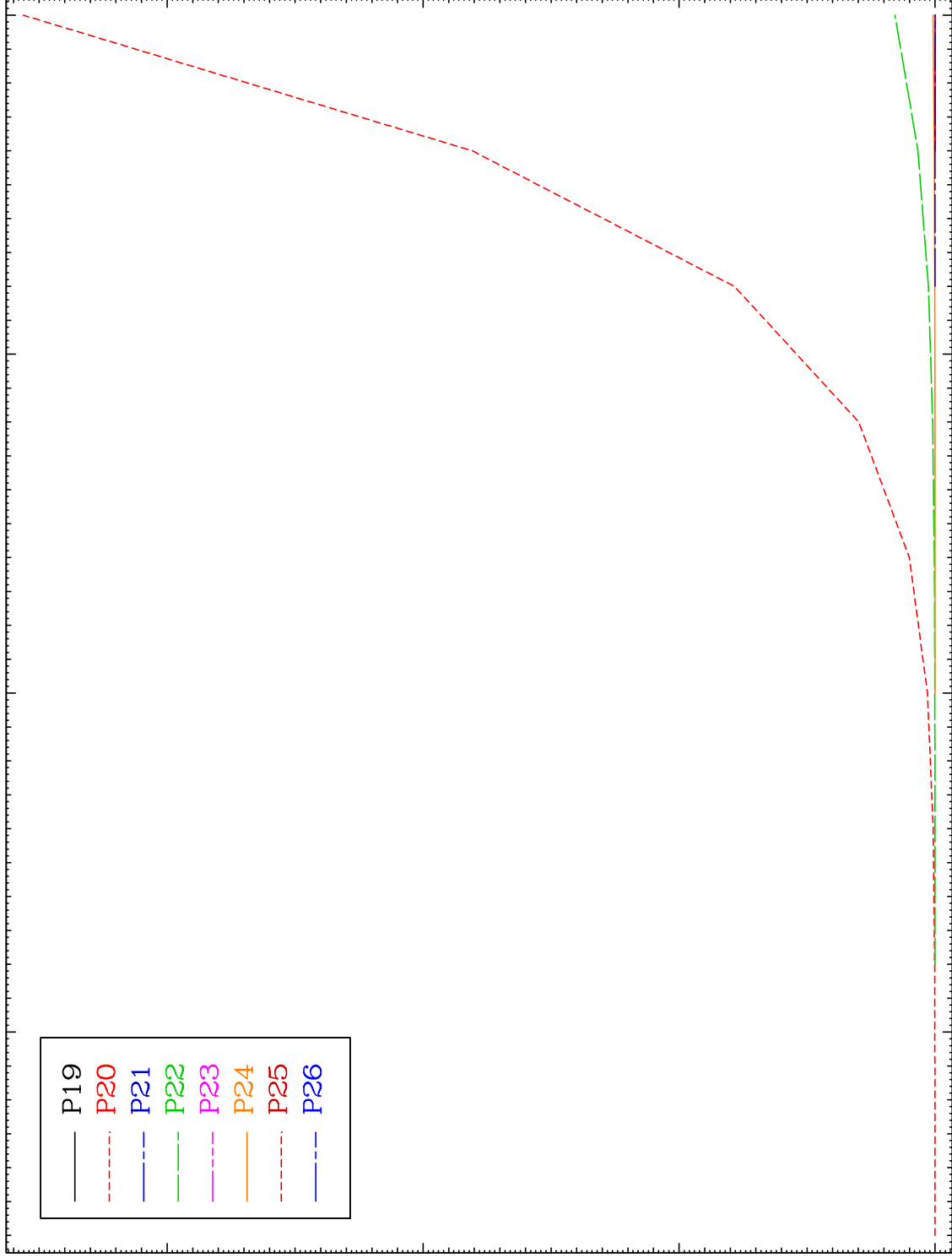
25

30

21

Incident Energy (MeV)

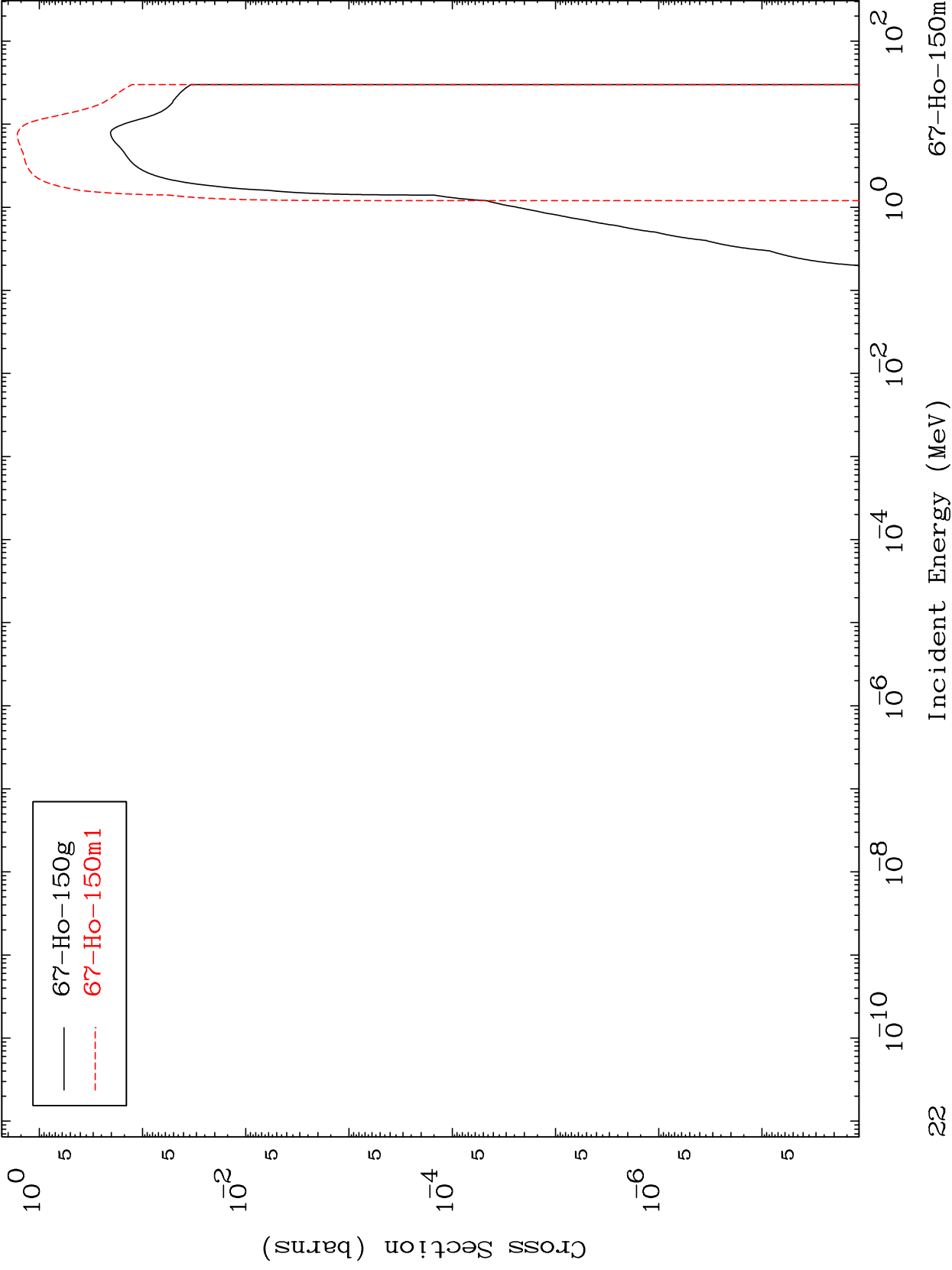
67-Ho-150m



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Inelastic
Radionuclide Production Cross Section

67-Ho-150m

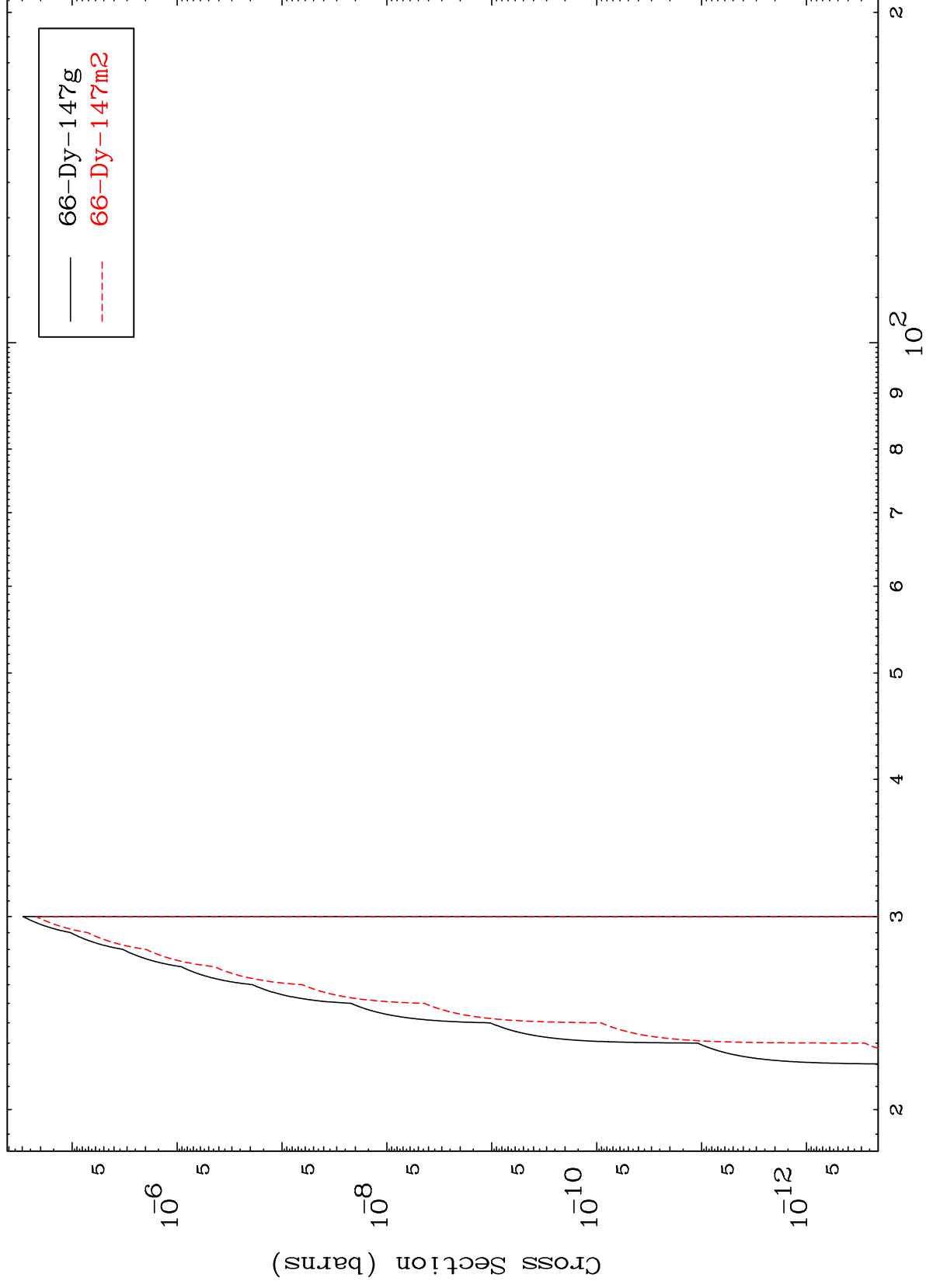


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(n,2n) d

67-Ho-150m

Radionuclide Production Cross Section



23

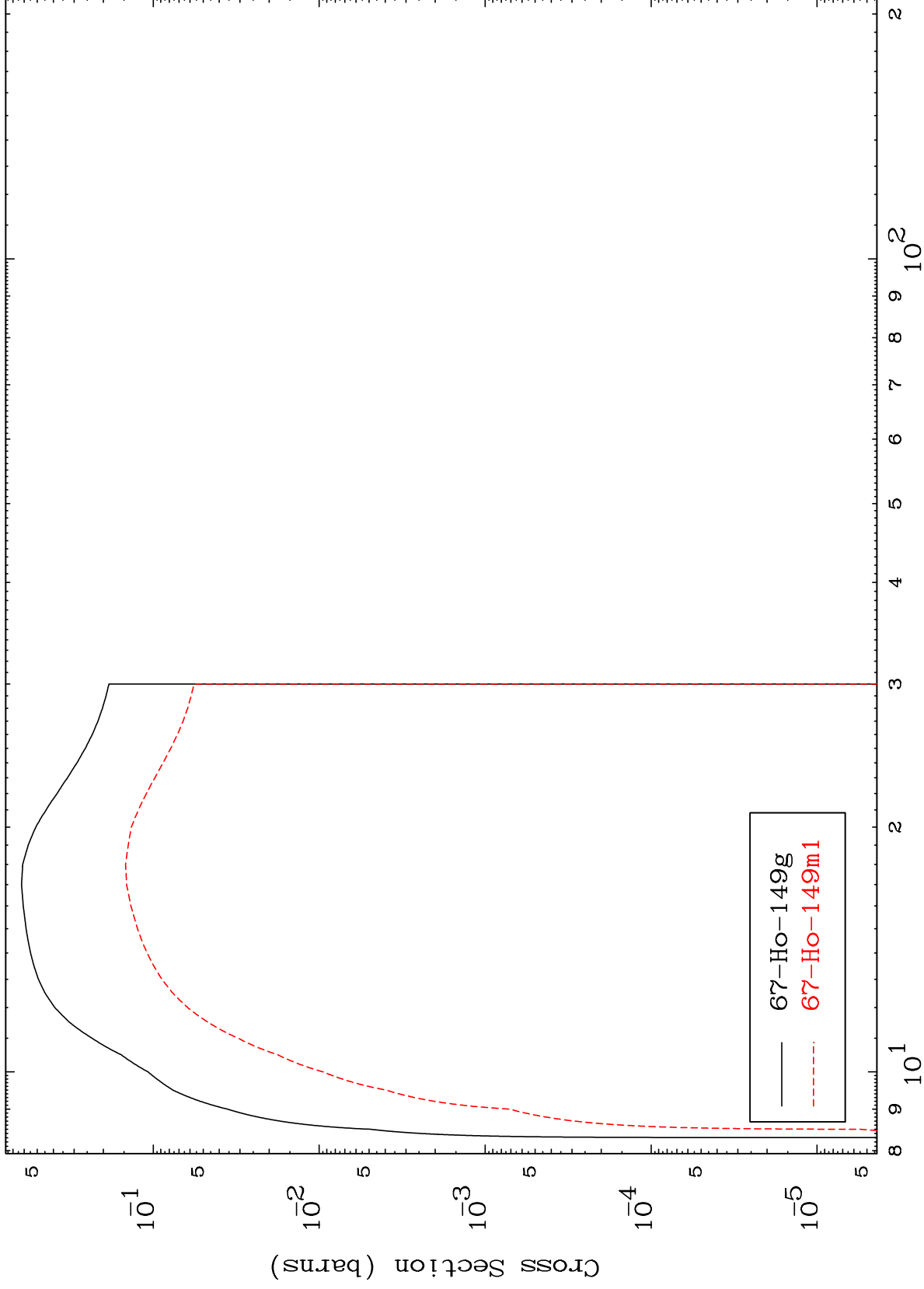
Incident Energy (MeV)

67-Ho-150m

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67-Ho-150m

(n,2n)
Radionuclide Production Cross Section



67-Ho-150m

Incident Energy (MeV)

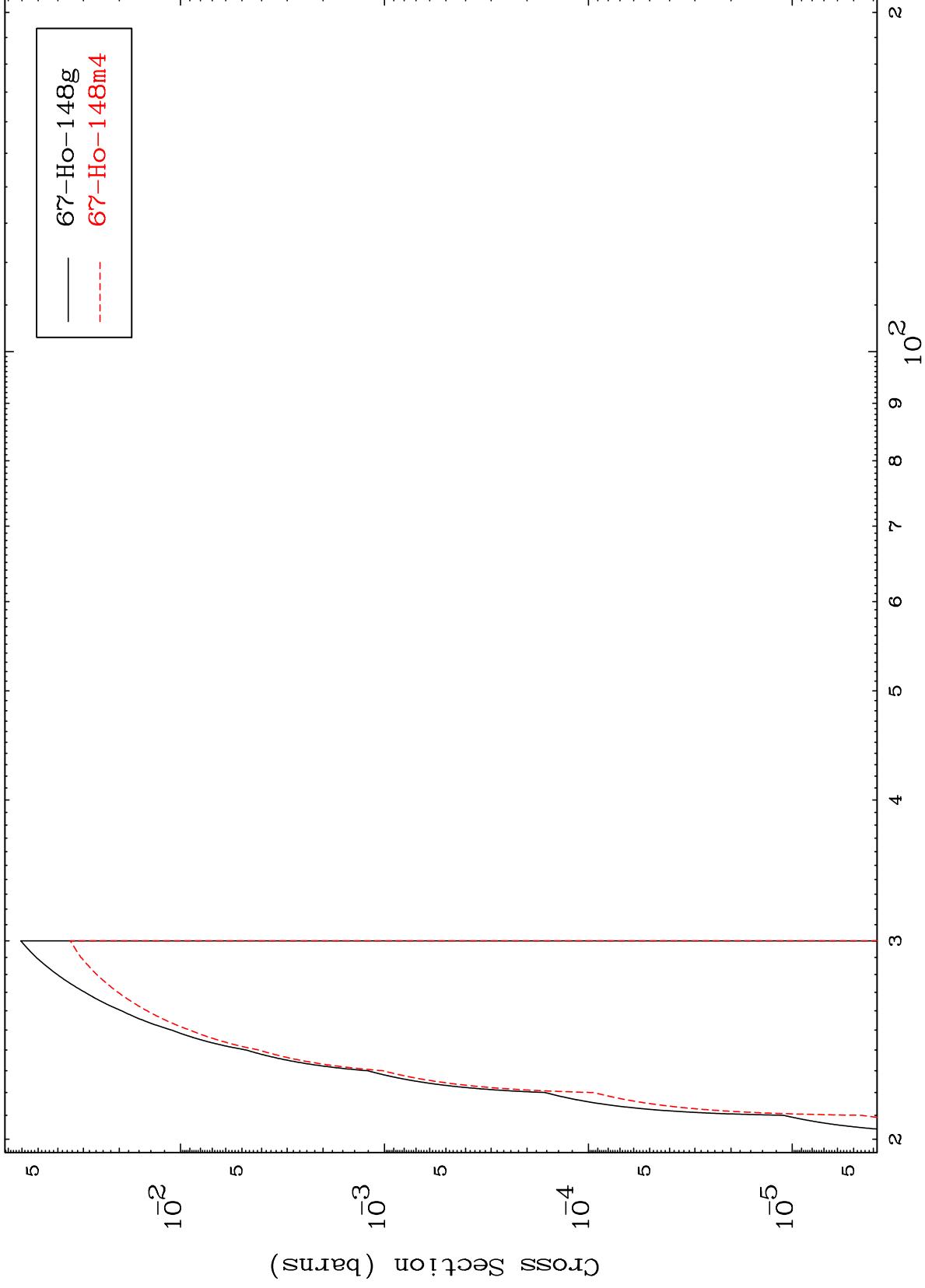
24

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(n,3n)

67-Ho-150m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

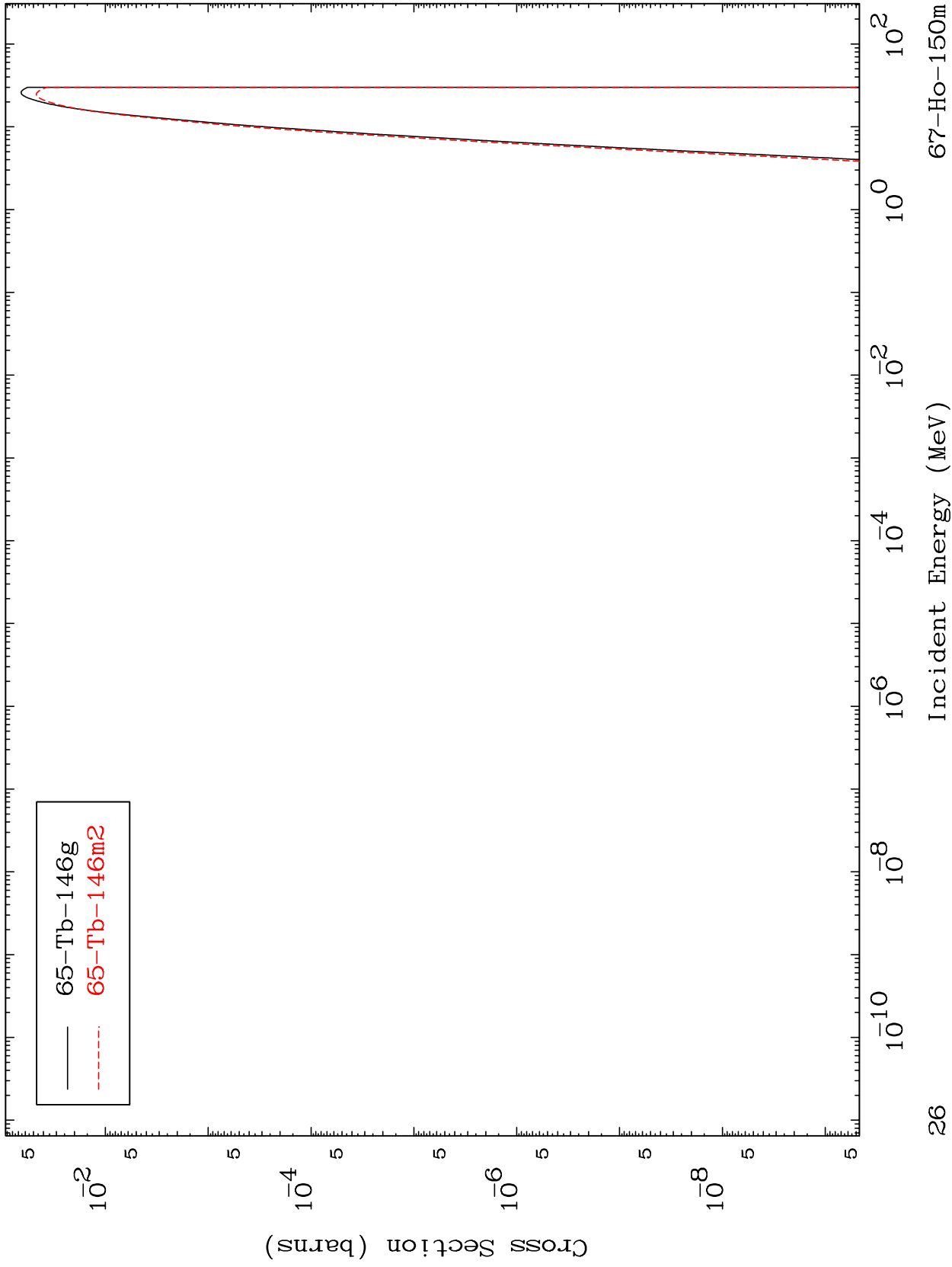
67-Ho-150m

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$(n, n') \alpha$

67-Ho-150m

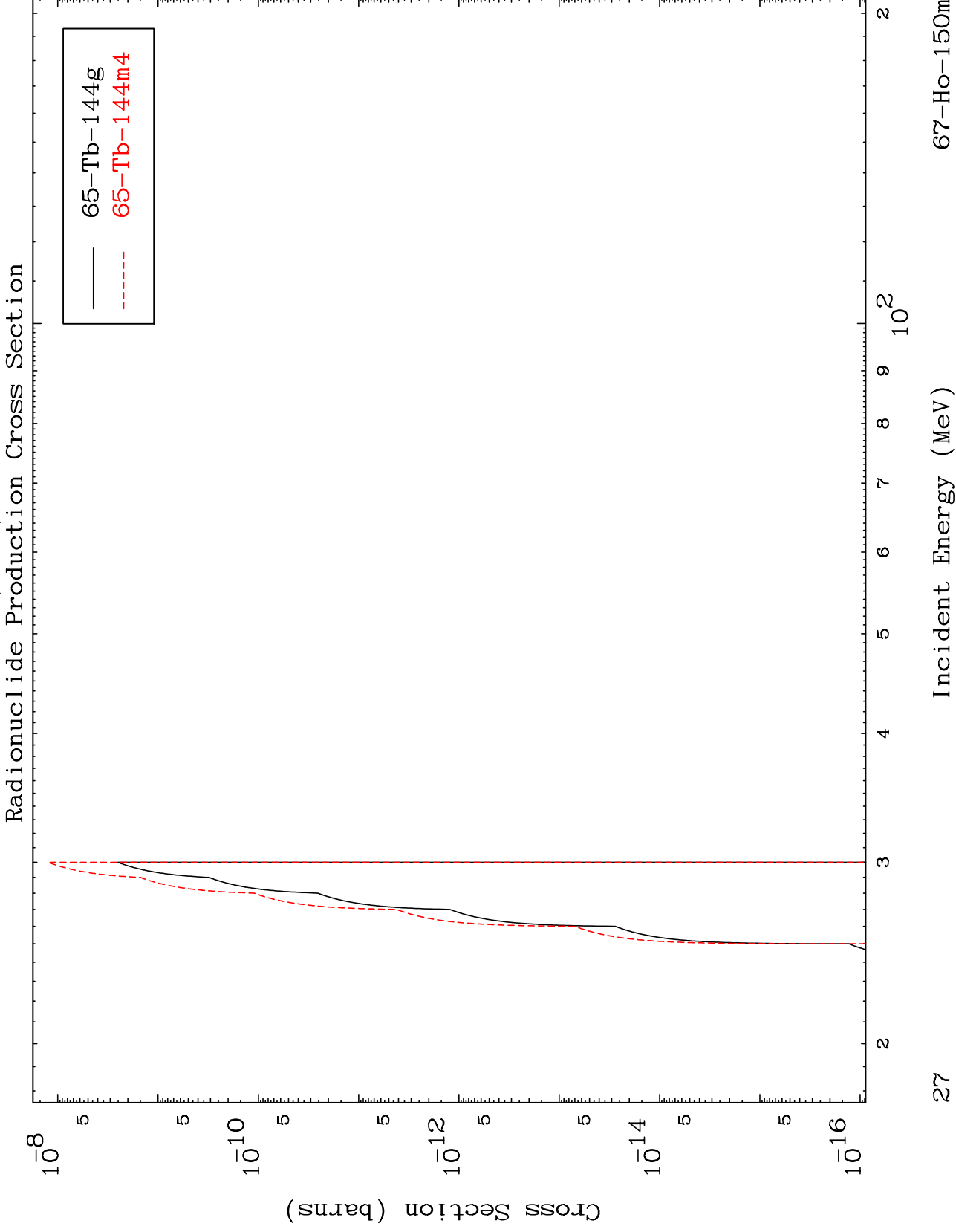
Radionuclide Production Cross Section



MAT 6681

(n,3n) α

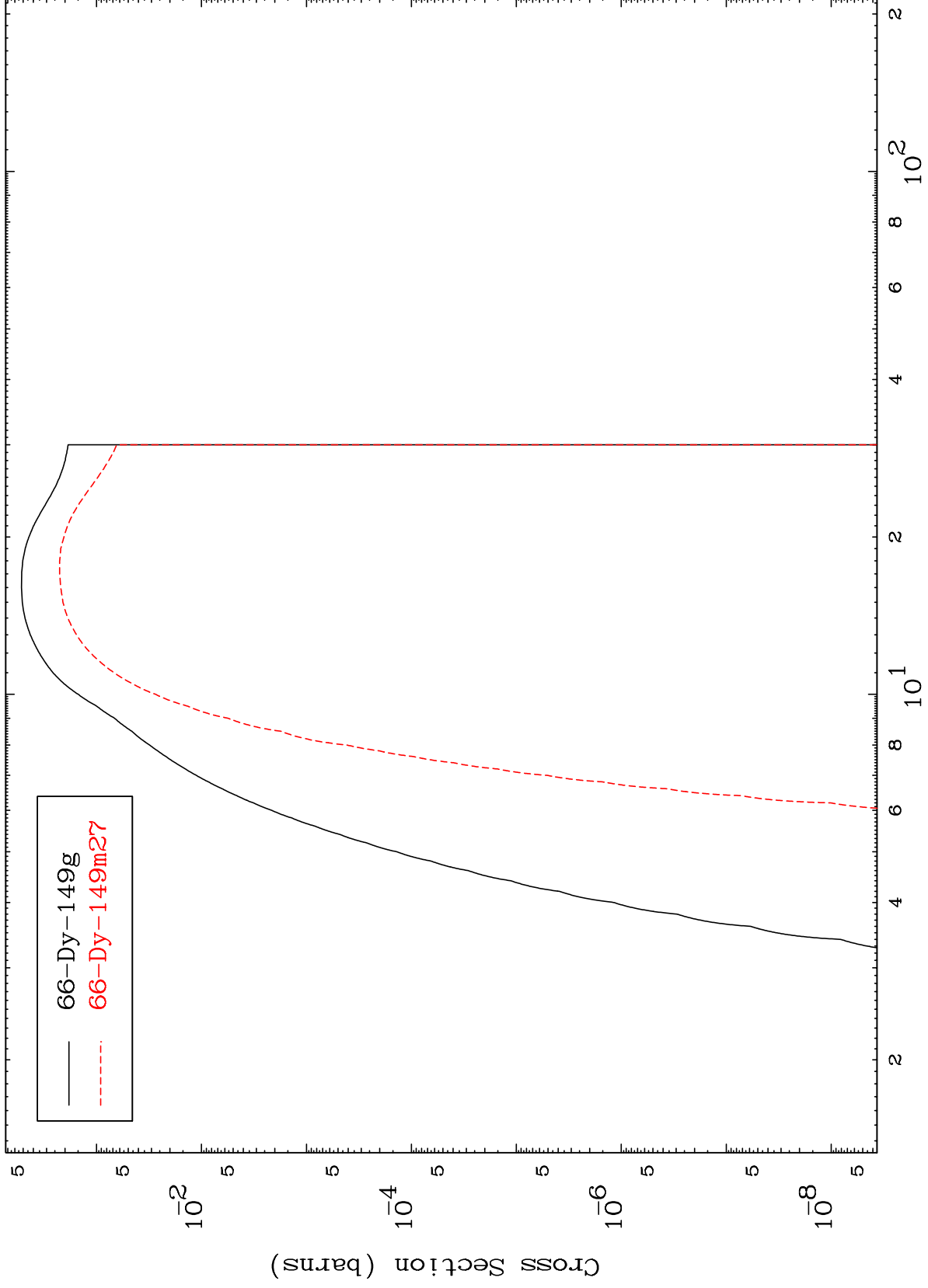
67-Ho-150m



MAT 6681

67-Ho-150m

(n,n') p
Radionuclide Production Cross Section



28

67-Ho-150m

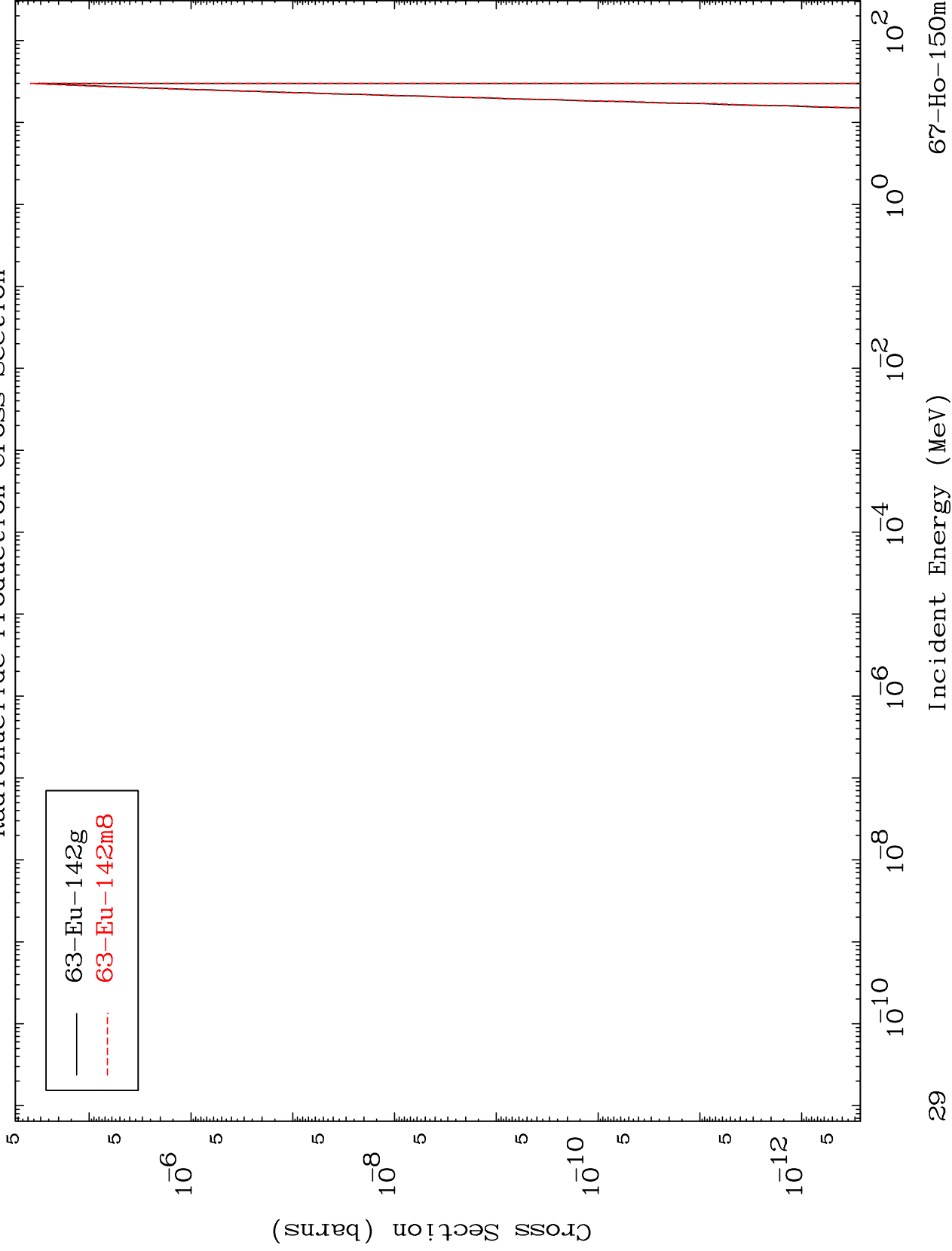
Incident Energy (MeV)

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(n,n') 2 α

67-Ho-150m

Radionuclide Production Cross Section

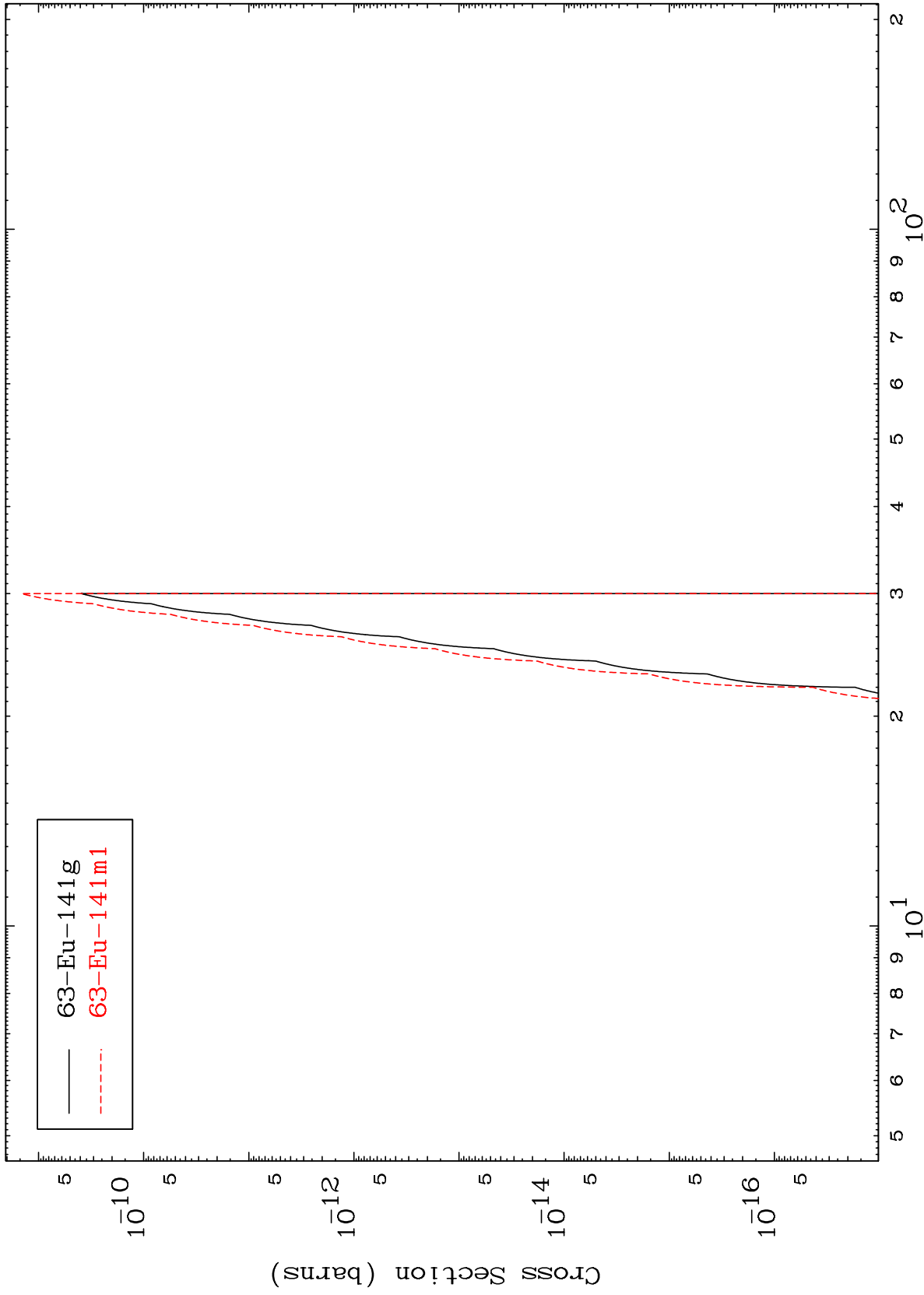


MAT 6681

(n,2n) 2 α

67-Ho-150m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

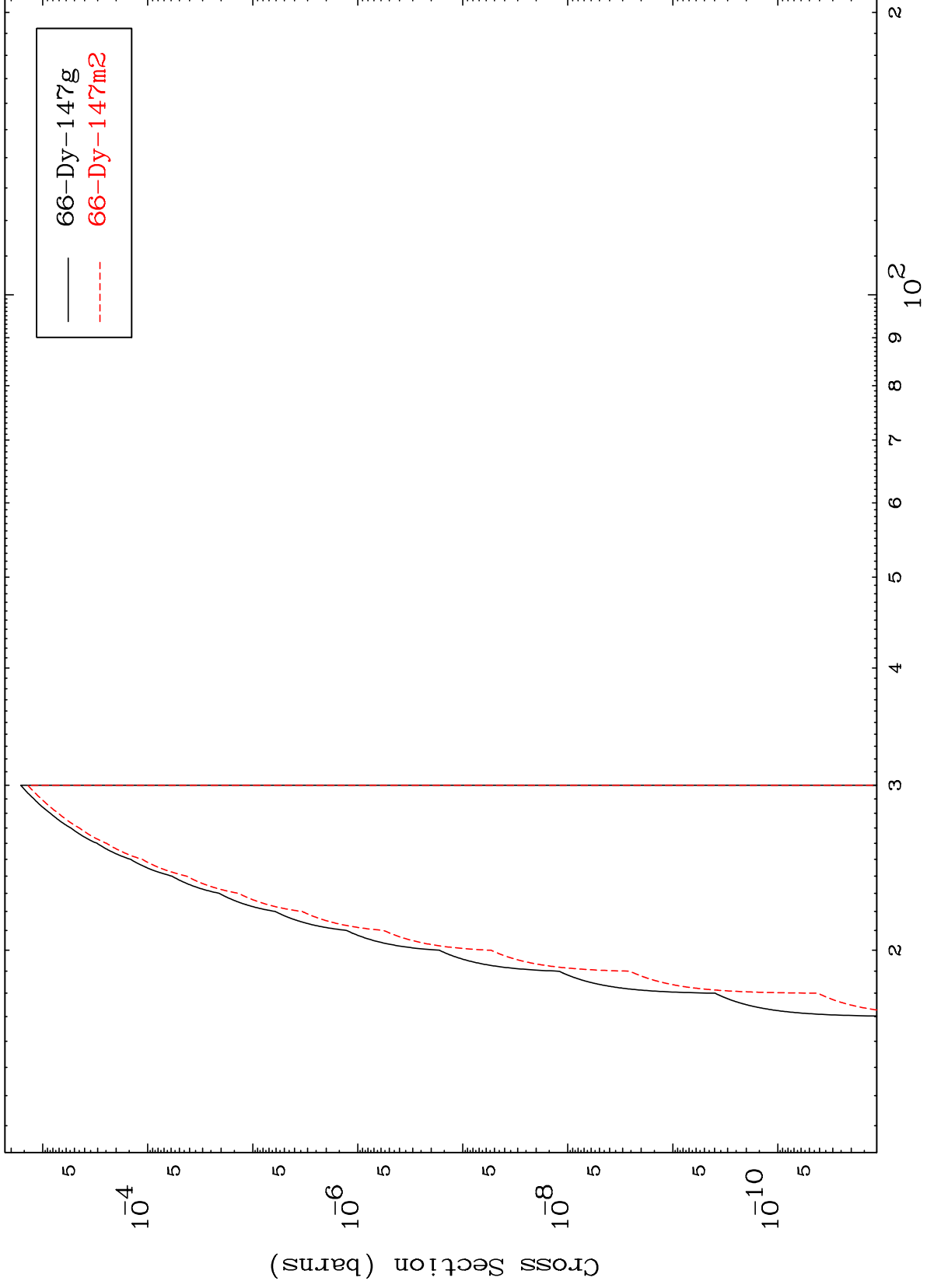
67-Ho-150m

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(n,n') t

67-Ho-150m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

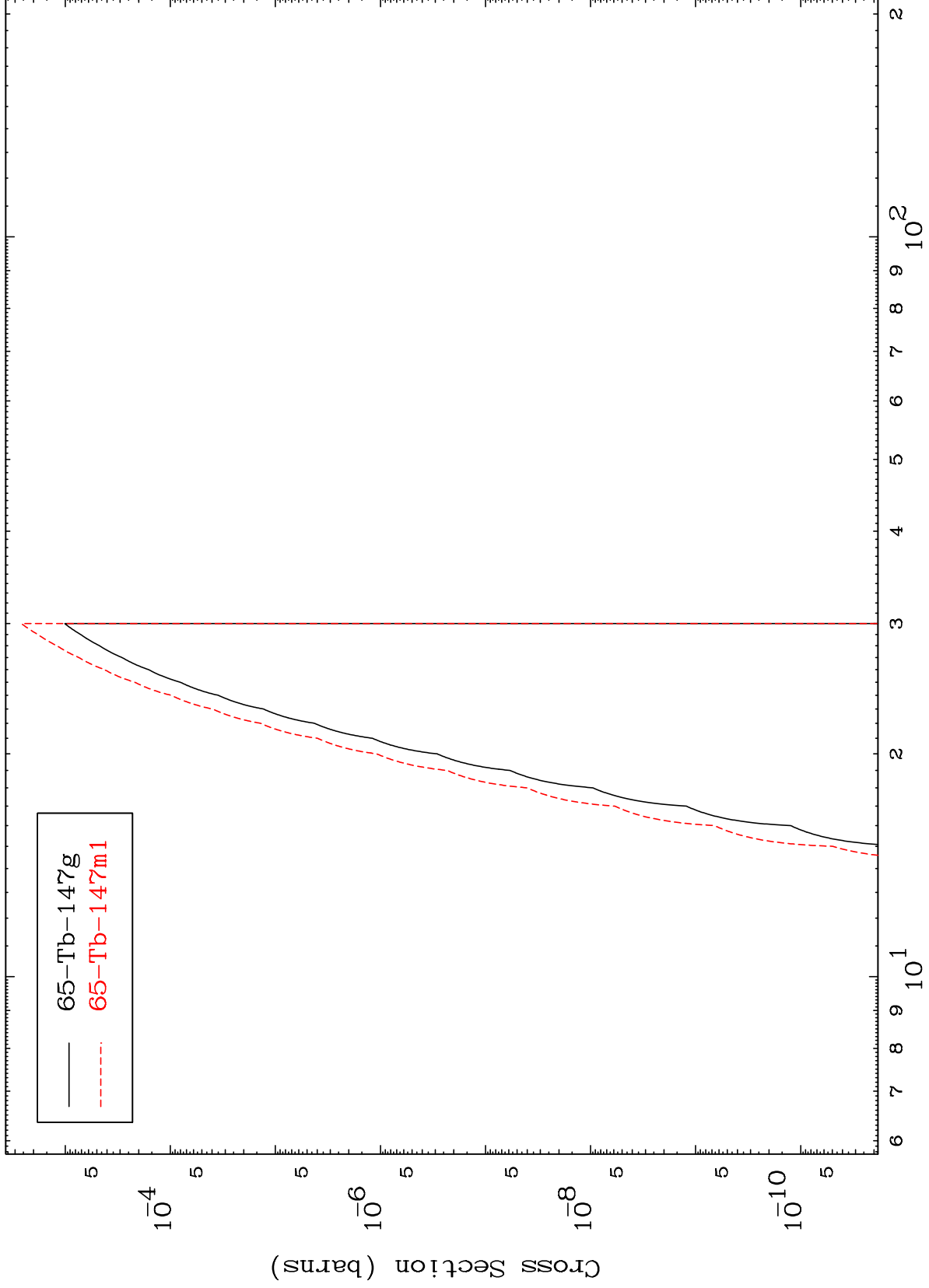
67-Ho-150m

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(n,n') He-3

67-Ho-150m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

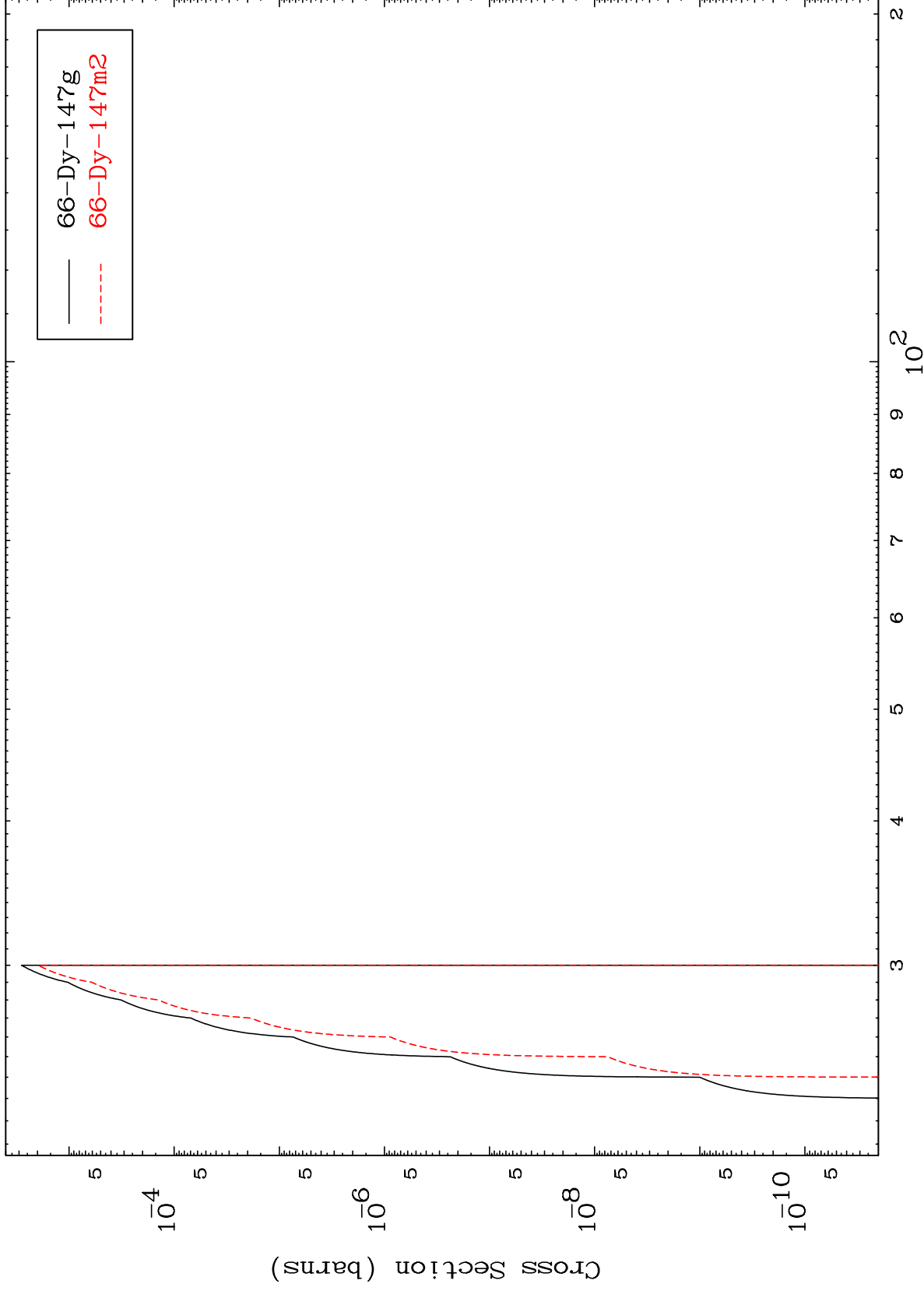
67-Ho-150m

MAT 6681

(n,3n) p

67-Ho-150m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

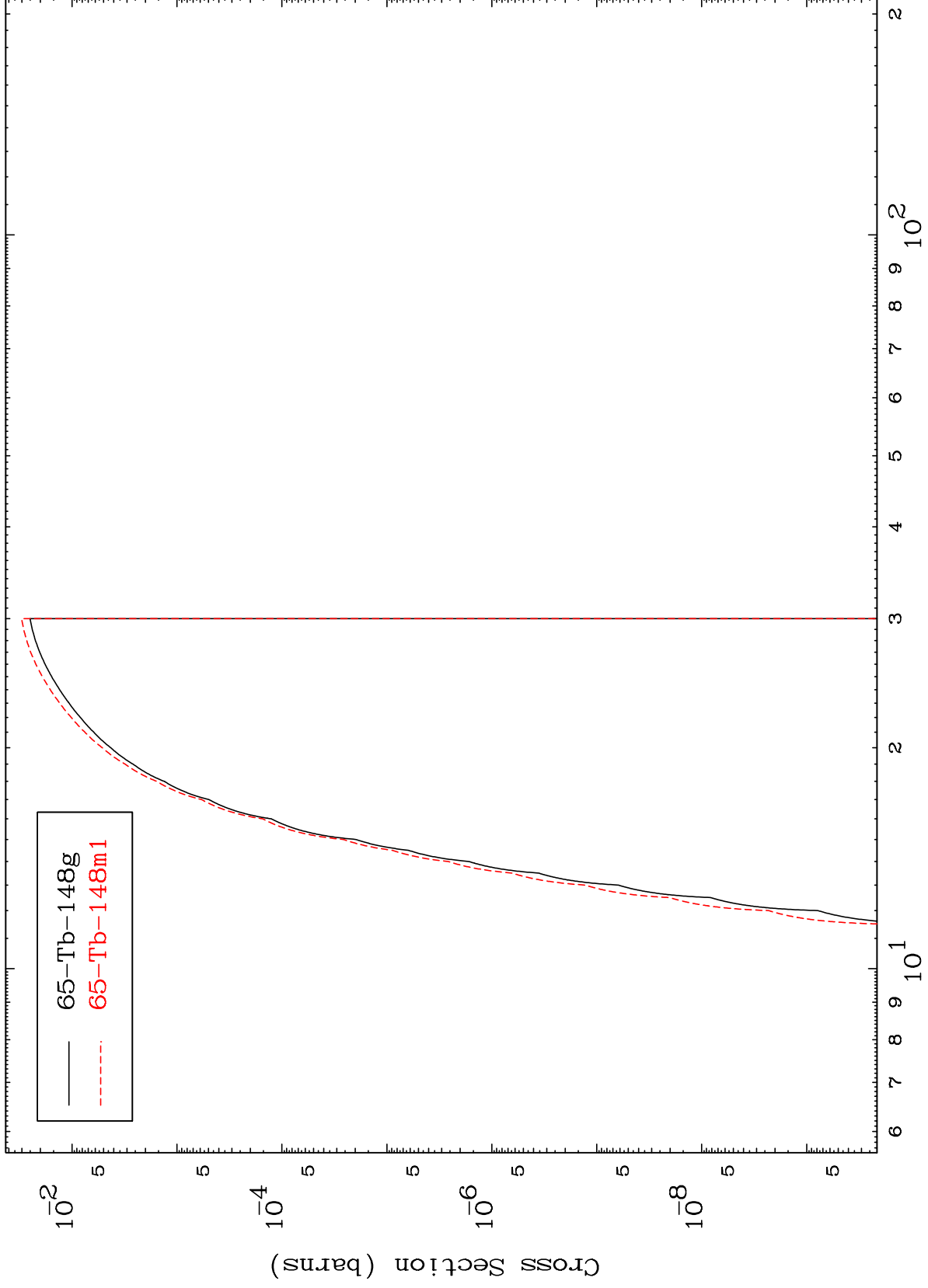
67-Ho-150m

MAT 6681

(n,2n) p

67-Ho-150m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

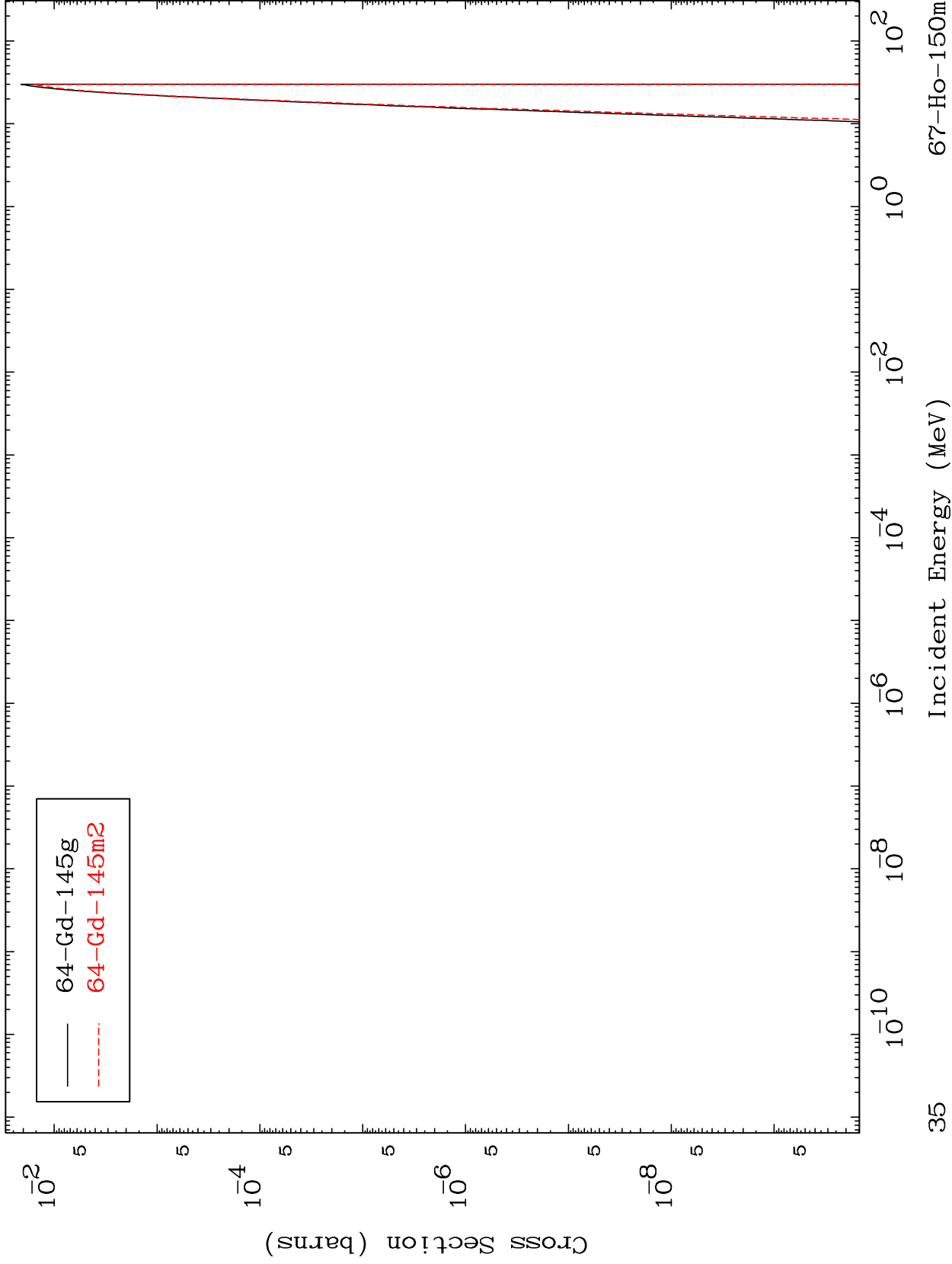
67-Ho-150m

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(n,n') p α

67-Ho-150m

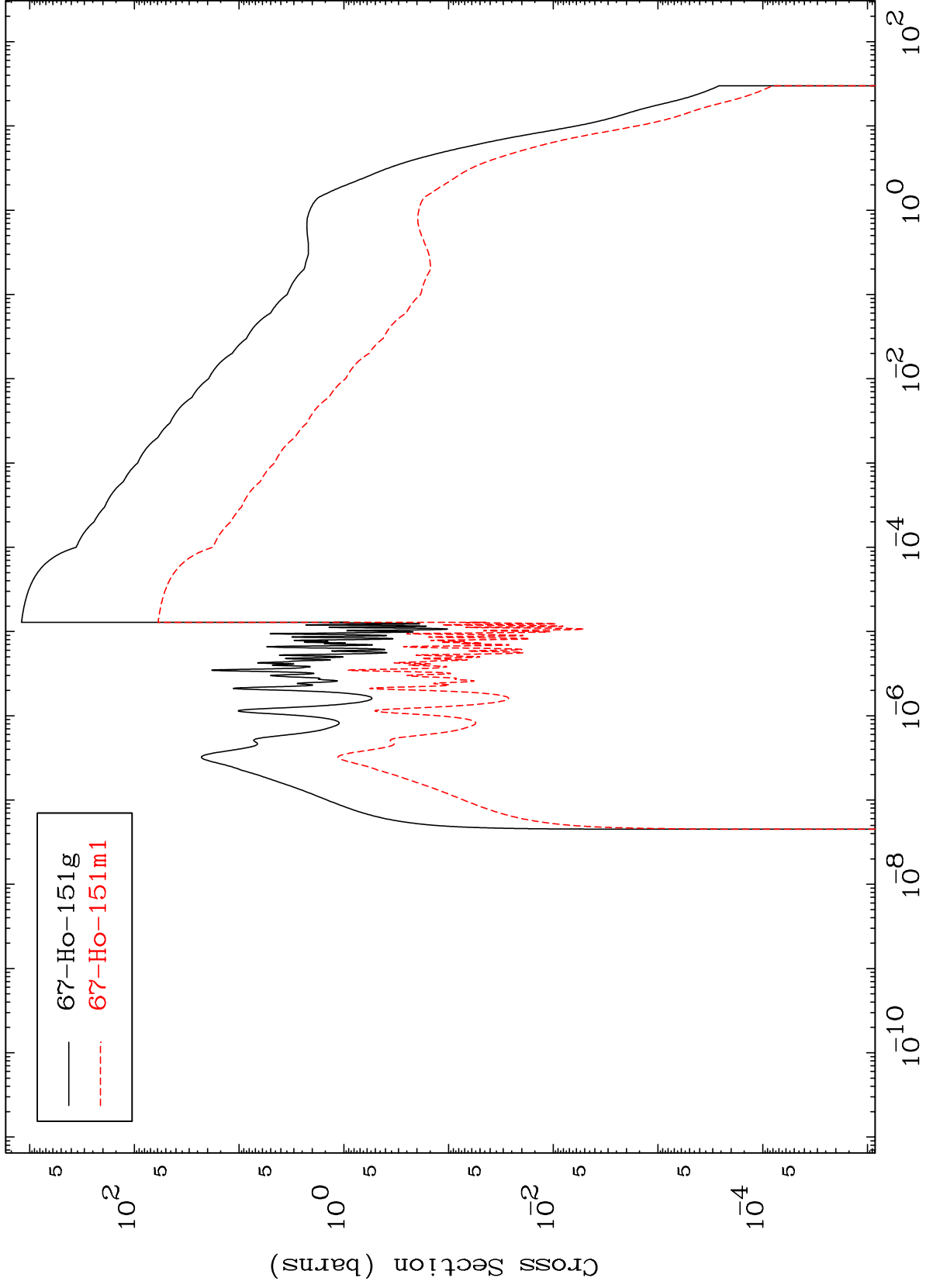
Radionuclide Production Cross Section



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67-Ho-150m

Radionuclide Production Cross Section



36

67-Ho-150m

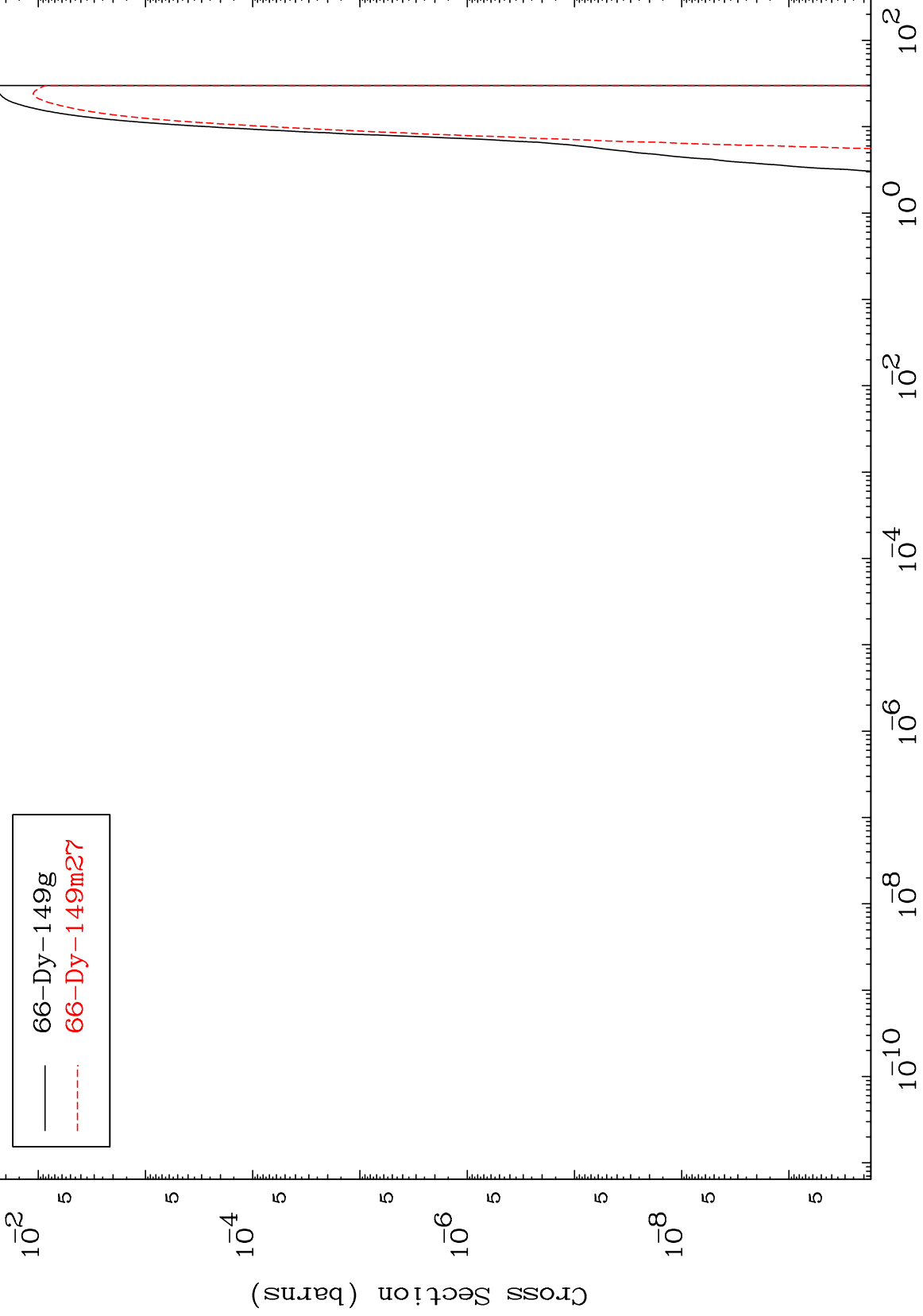
Incident Energy (MeV)

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(n,d)

67-Ho-150m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

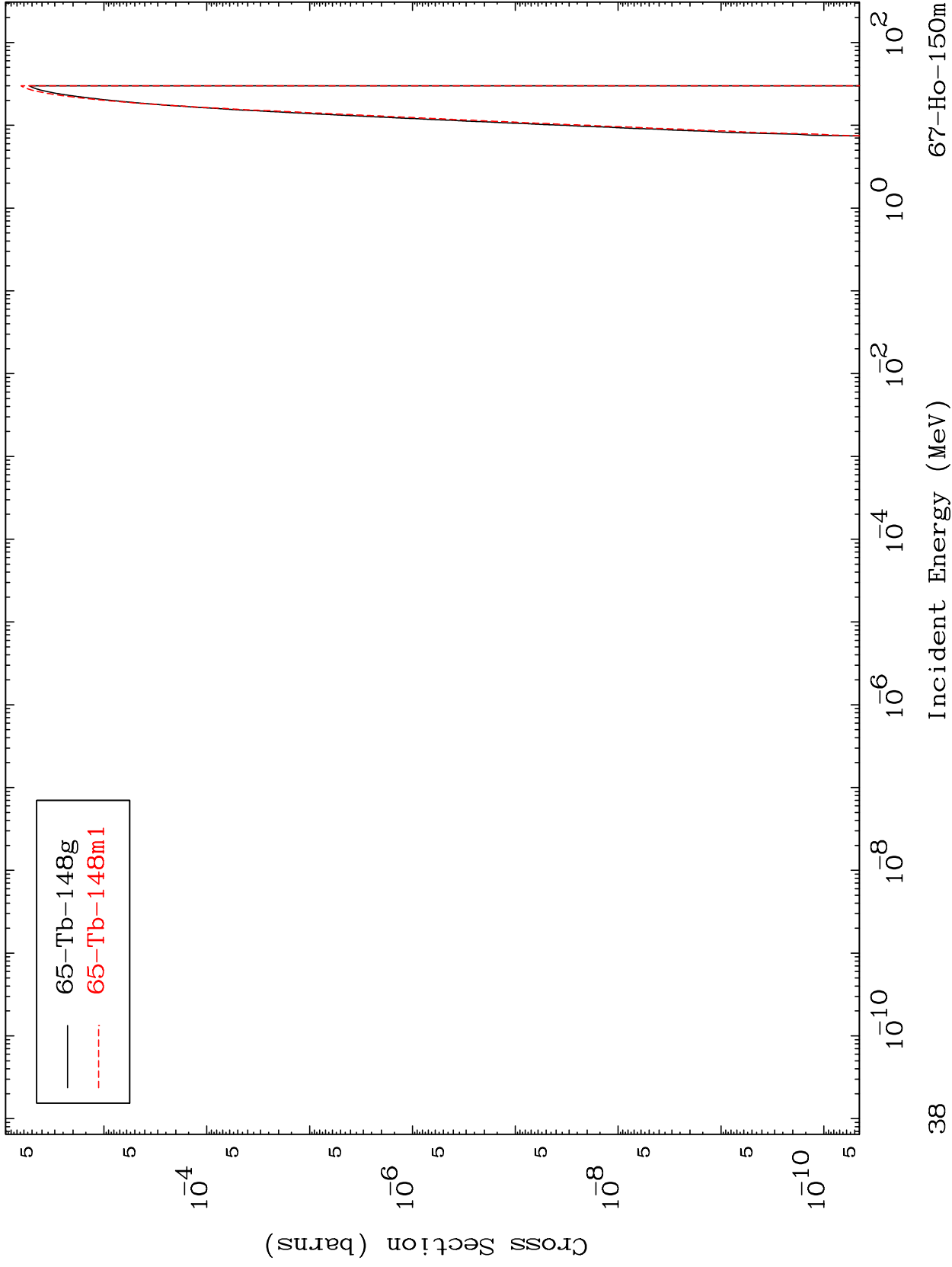
67-Ho-150m

MAT 6681

(n,He-3)

67-Ho-150m

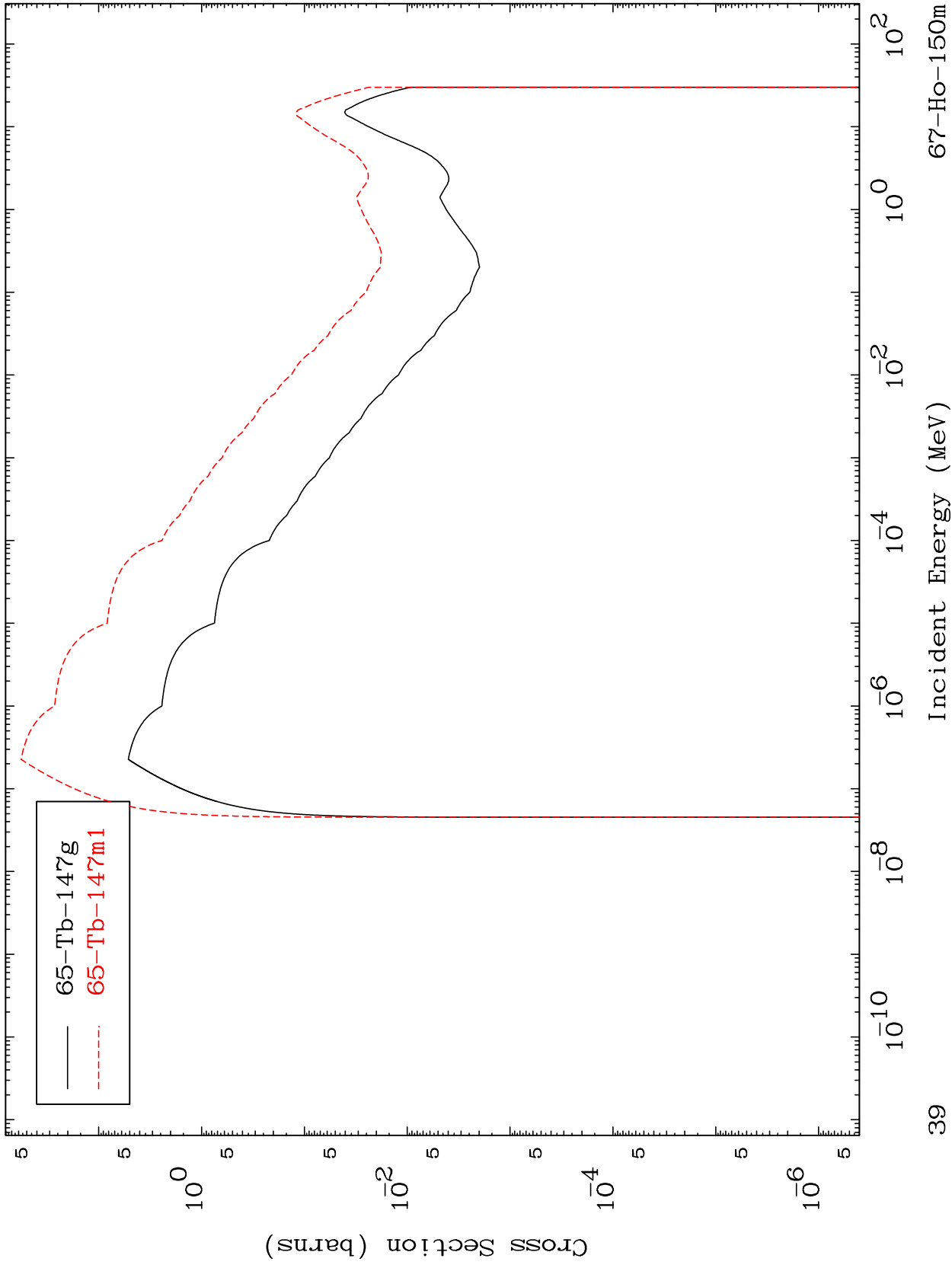
Radionuclide Production Cross Section



MAT 6681

67-Ho-150m

Radionuclide Production Cross Section

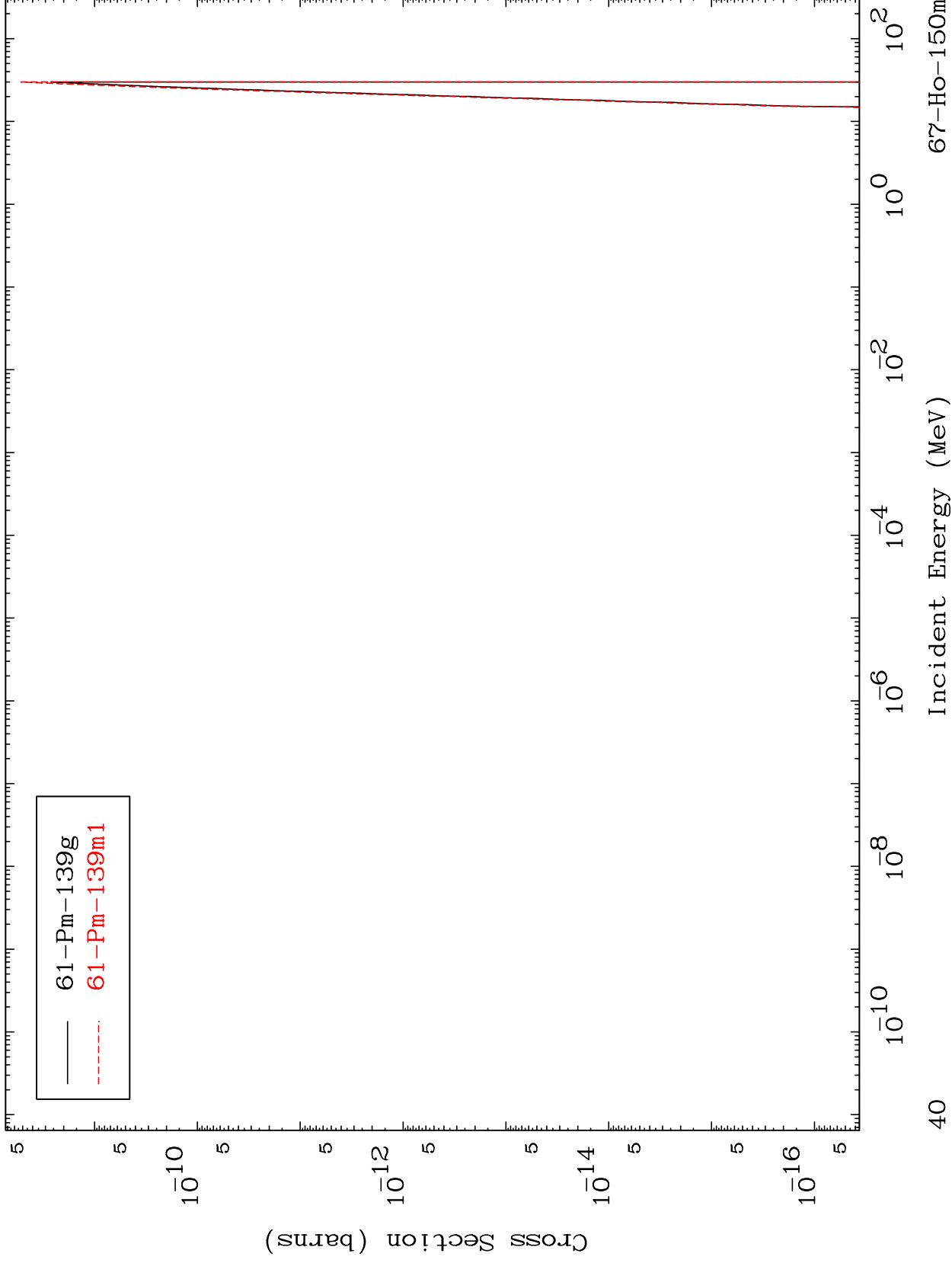


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(n, 3 α)

67-Ho-150m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

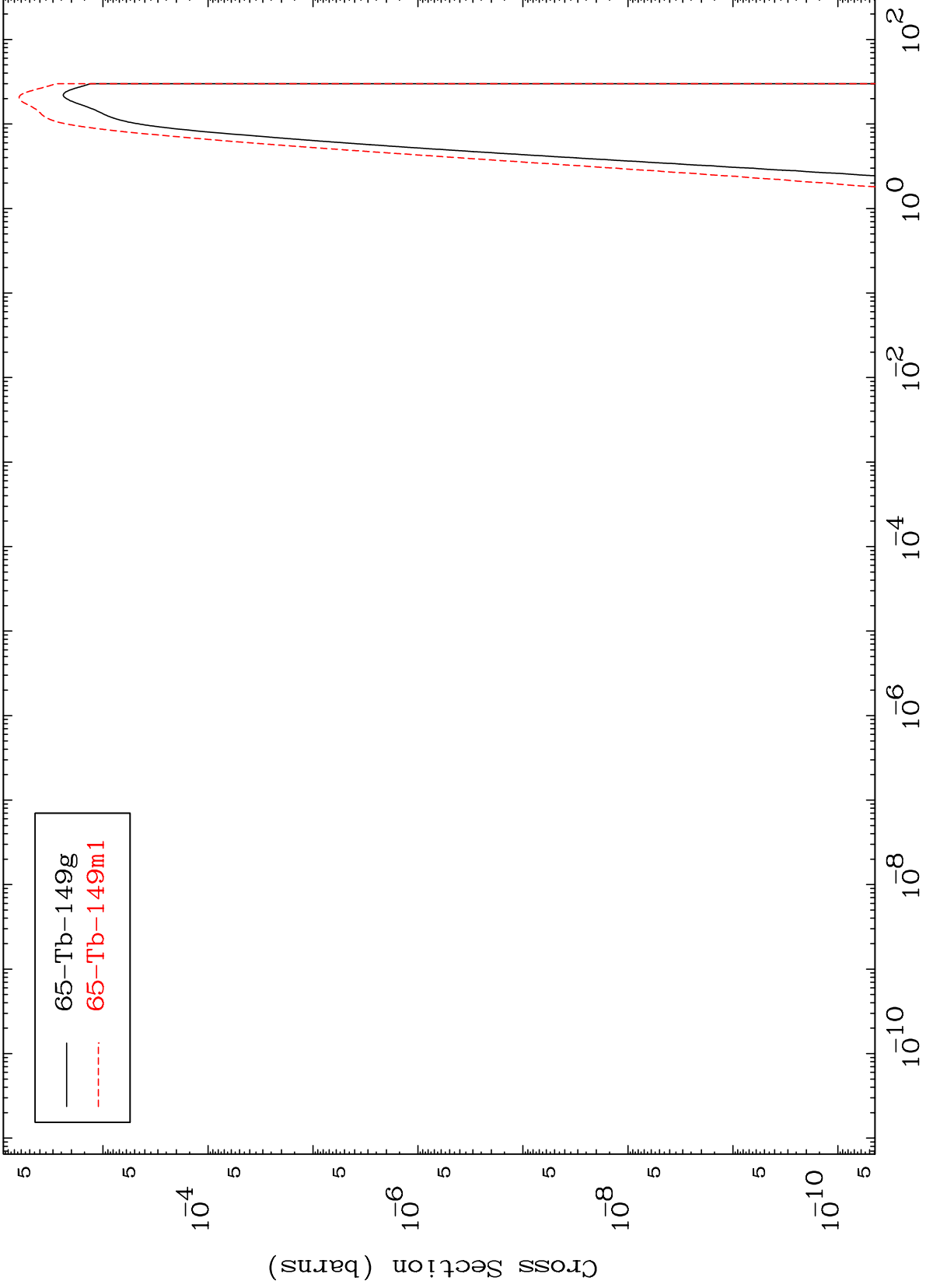
67-Ho-150m

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(n,2p)

67-Ho-150m

Radionuclide Production Cross Section

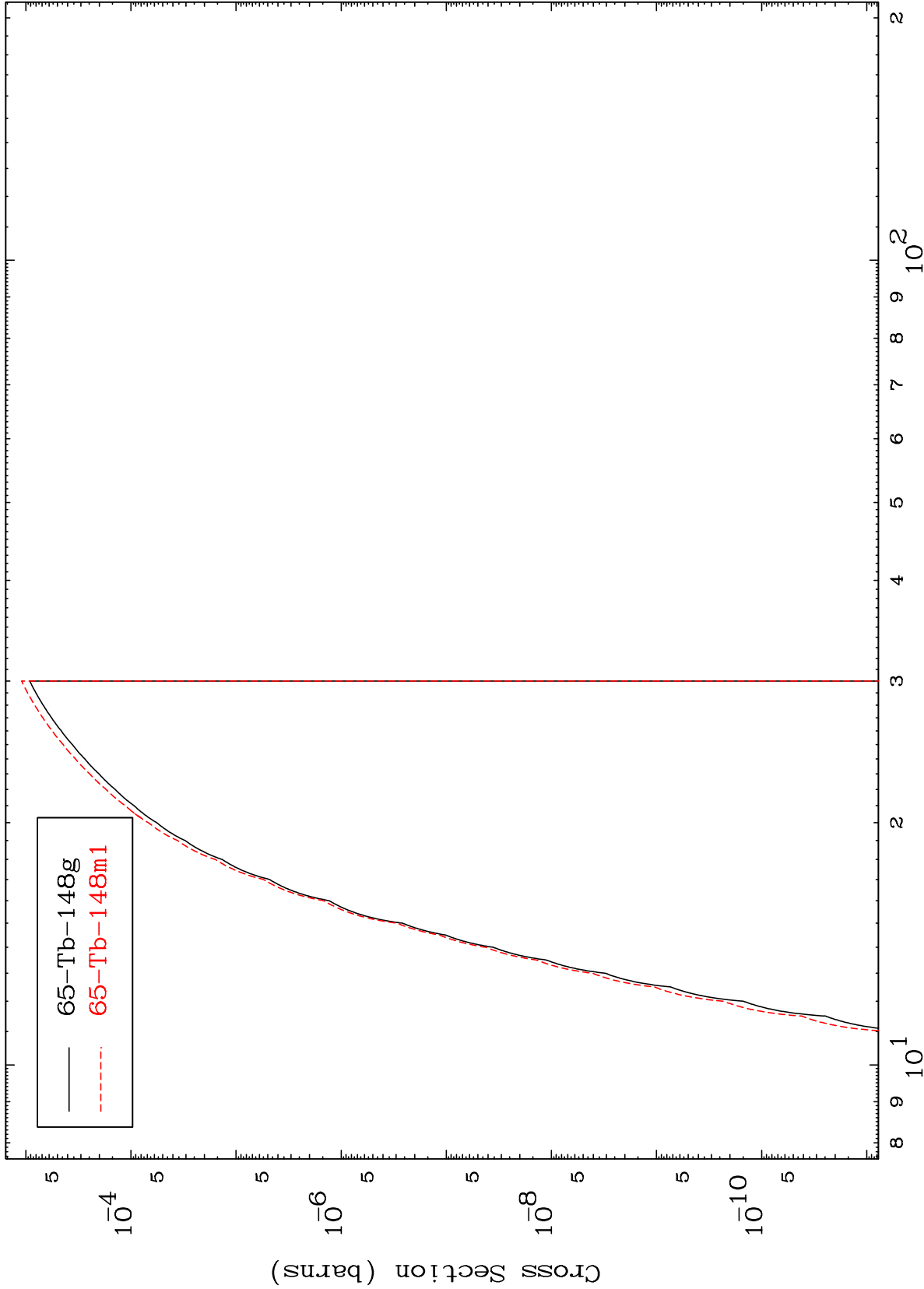


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(n,p) d

67-Ho-150m

Radionuclide Production Cross Section



42

Incident Energy (MeV)

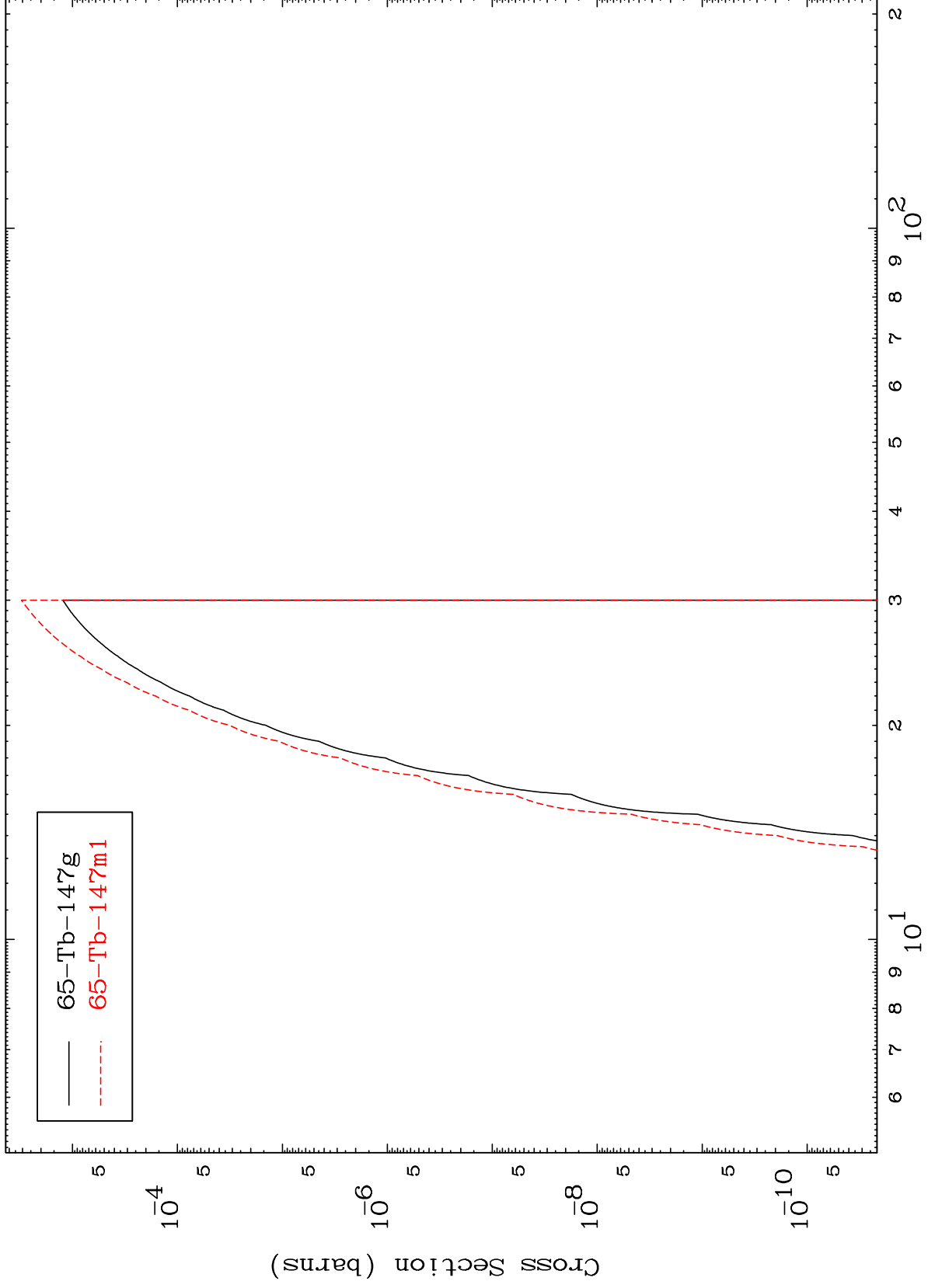
67-Ho-150m

MAT 6681

(n,p) t

67-Ho-150m

Radionuclide Production Cross Section



43

Incident Energy (MeV)

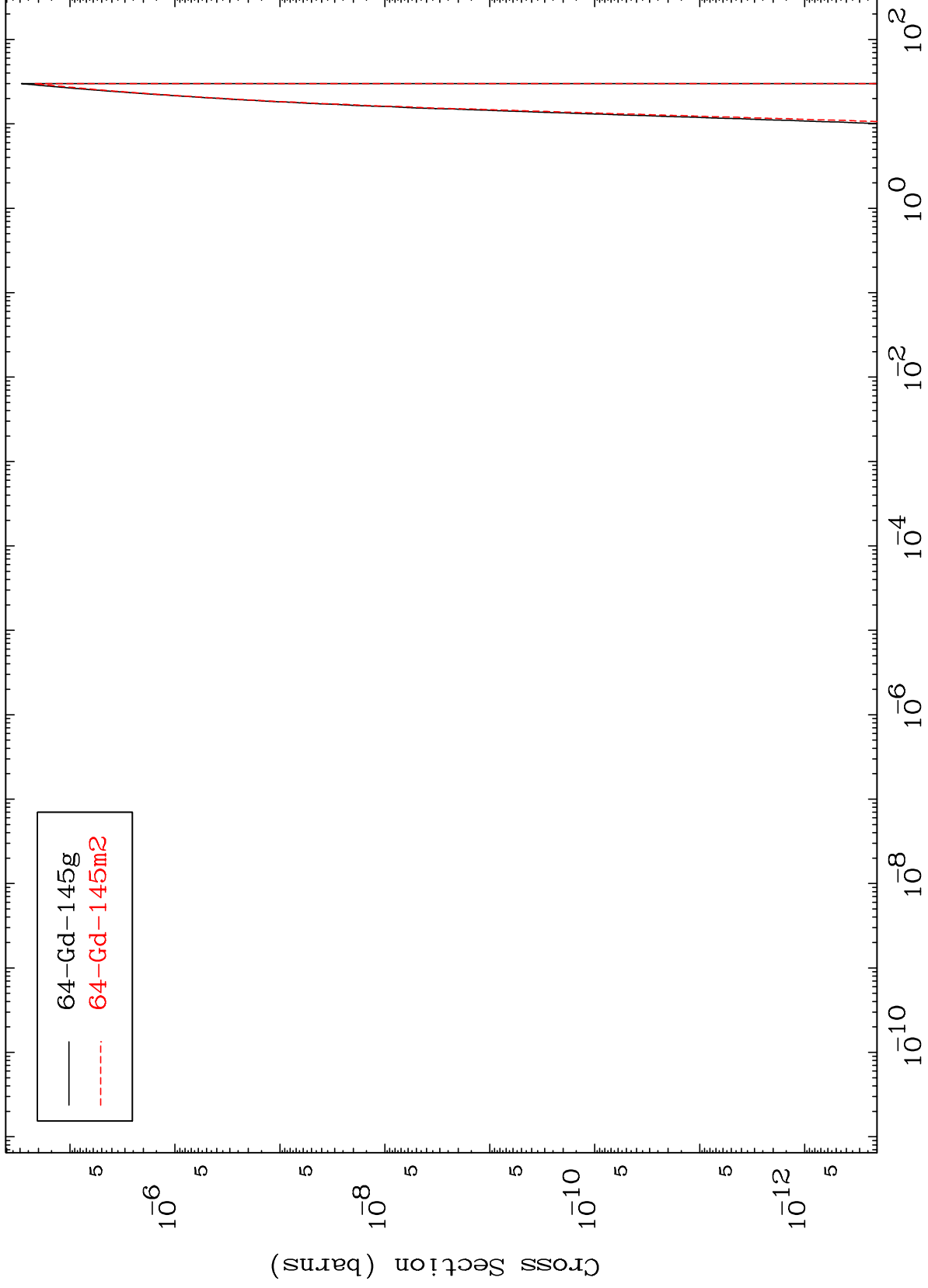
67-Ho-150m

MAT 6681

(n,d) α

67-Ho-150m

Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

Incident Energy (MeV)

67-Ho-150m