

Program EVALPLOT
(Version 2018-1)

by

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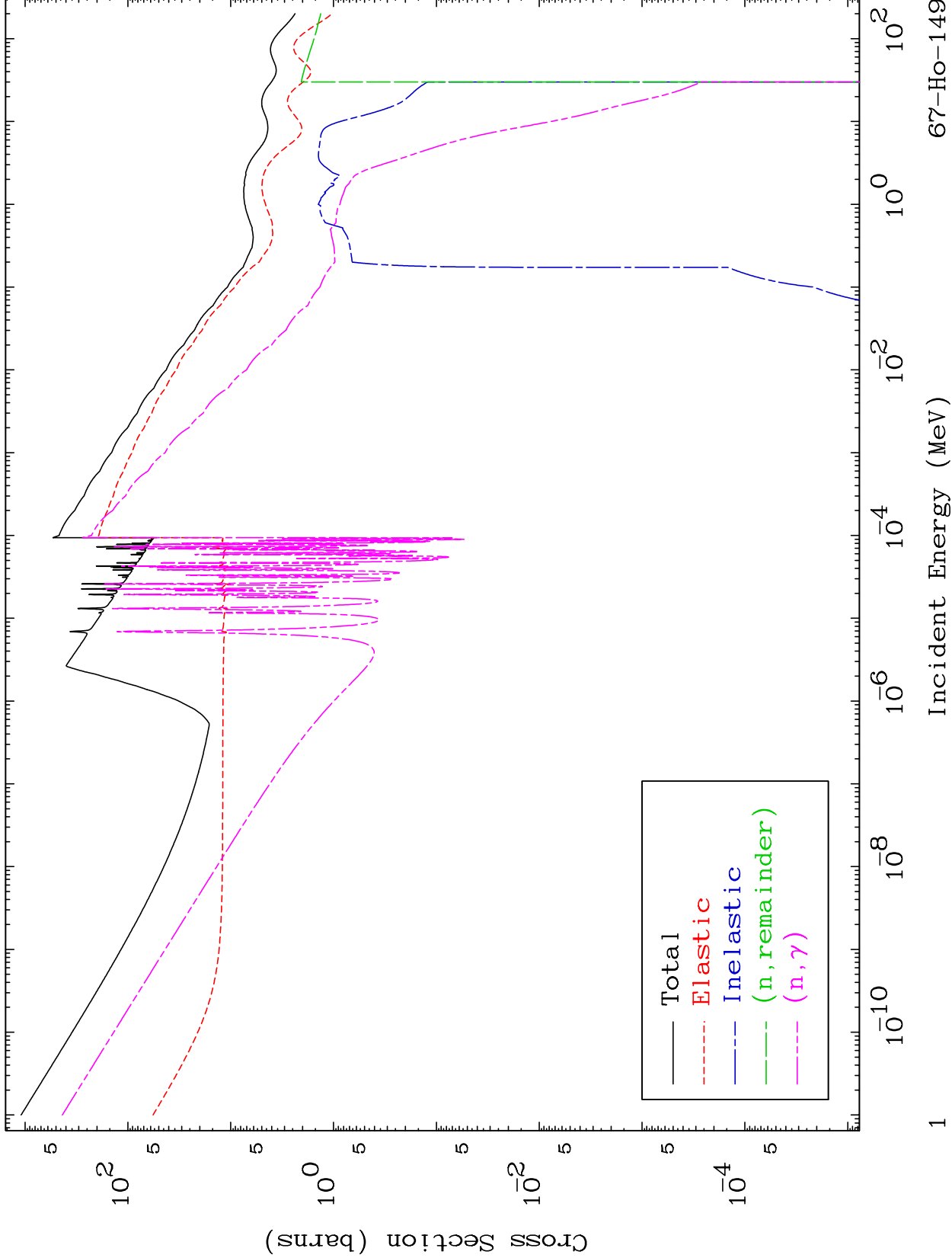
Press Mouse Button to Start

MAT 6678

Major

293 Kelvin Cross Sections

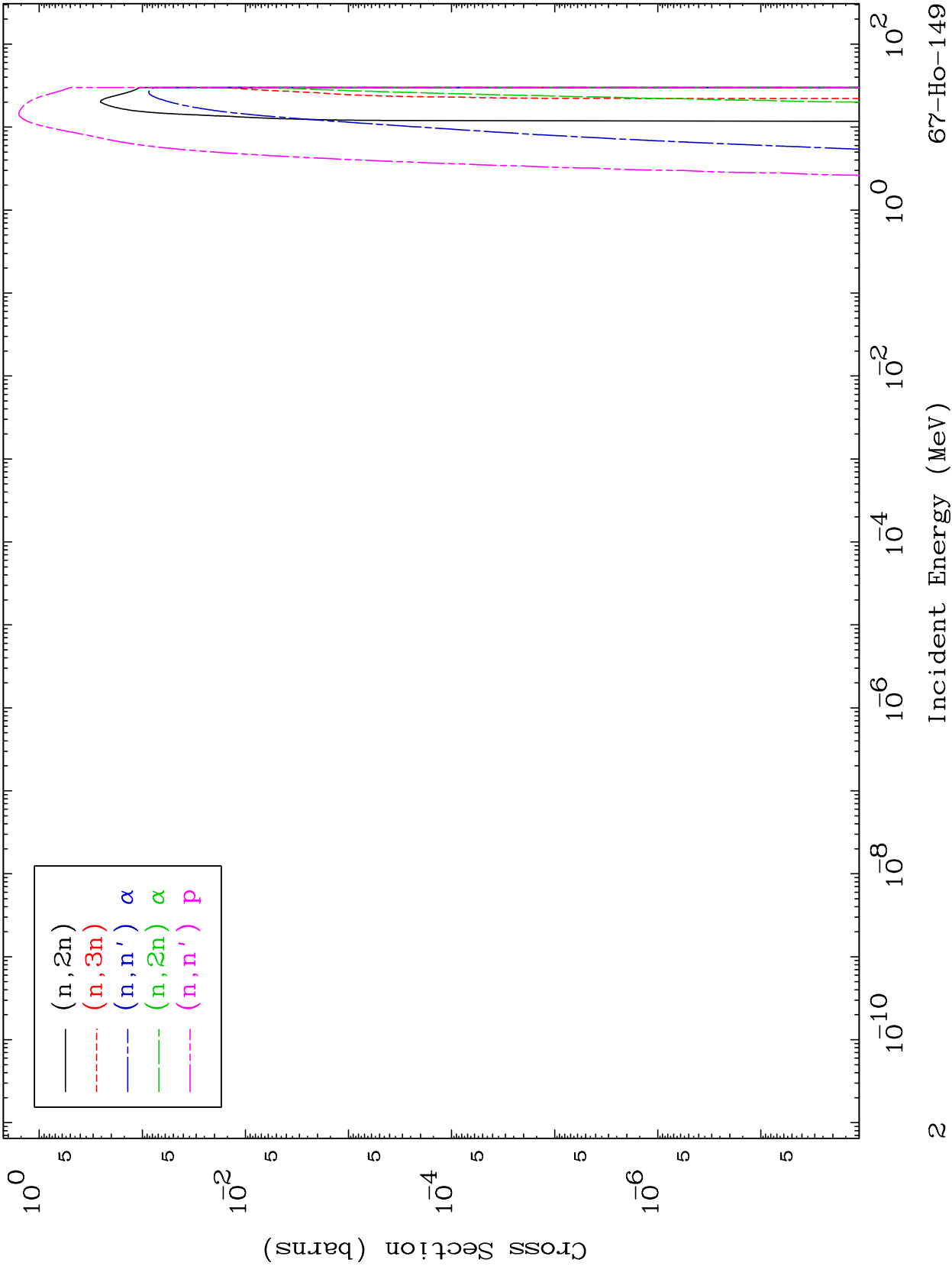
67-Ho-149



MAT 6678

Neutron Production
293 Kelvin Cross Sections

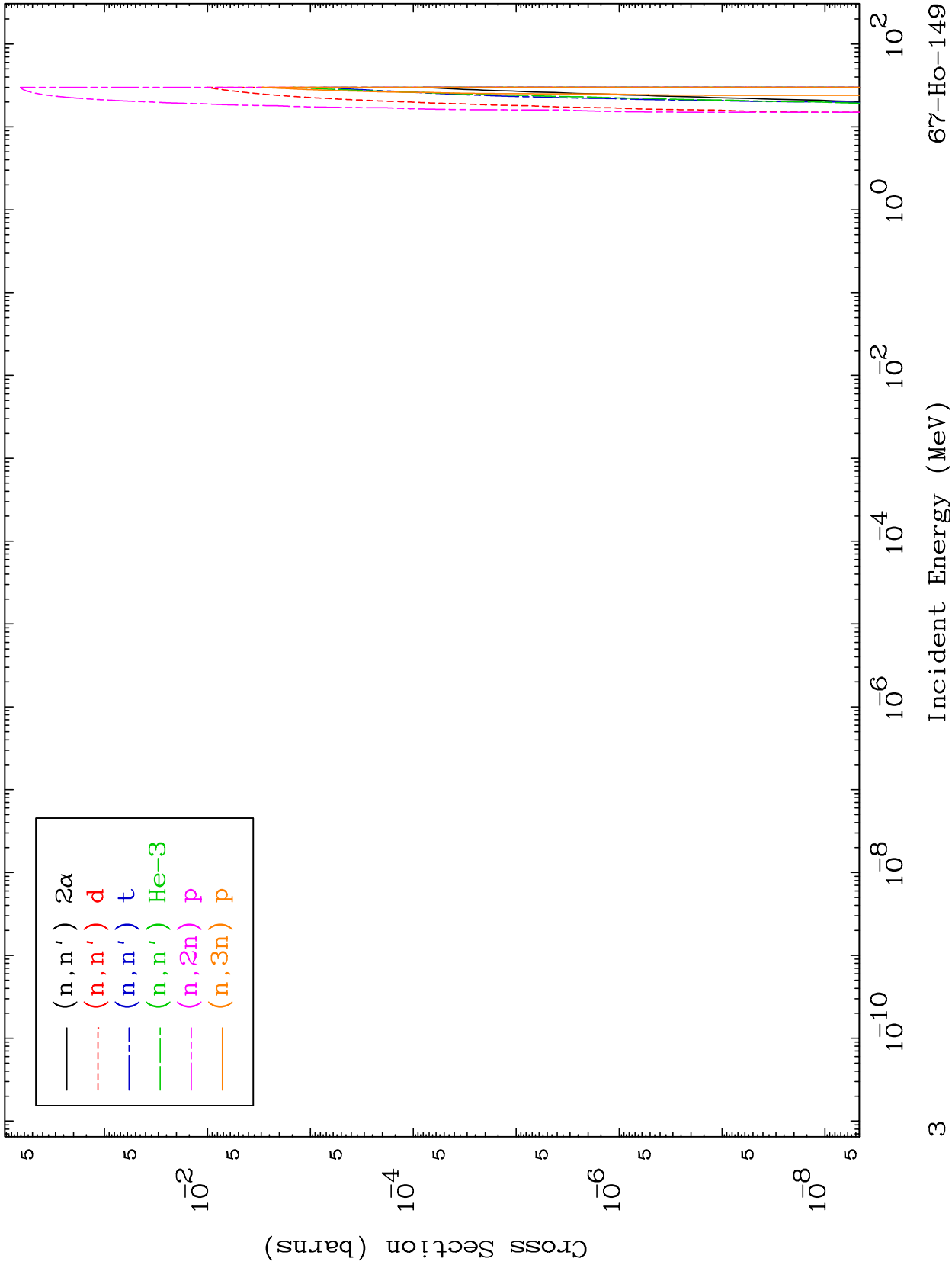
67-Ho-149



MAT 6678

Neutron Production
293 Kelvin Cross Sections

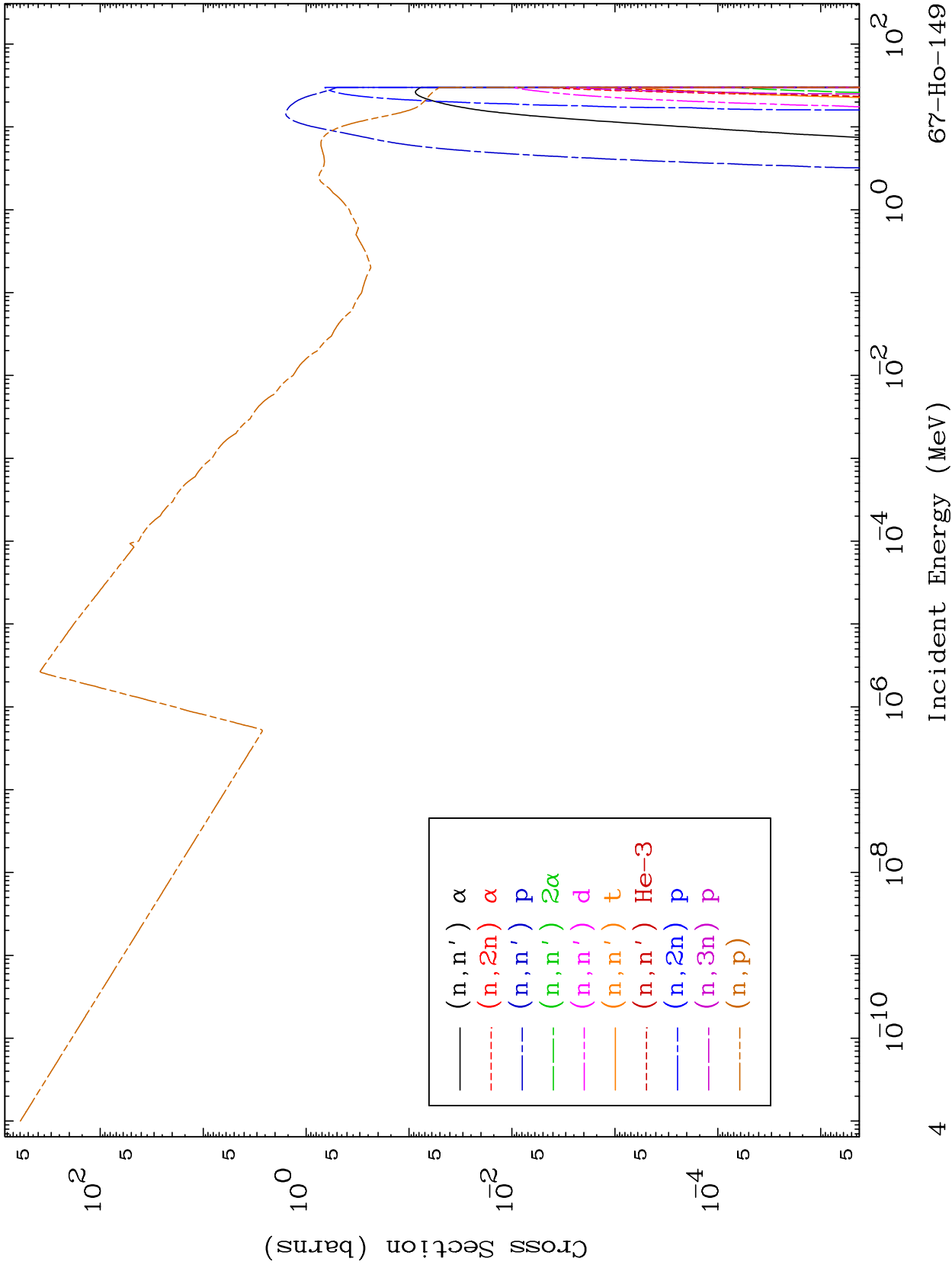
67-Ho-149



MAT 6678

Charged Particle
293 Kelvin Cross Sections

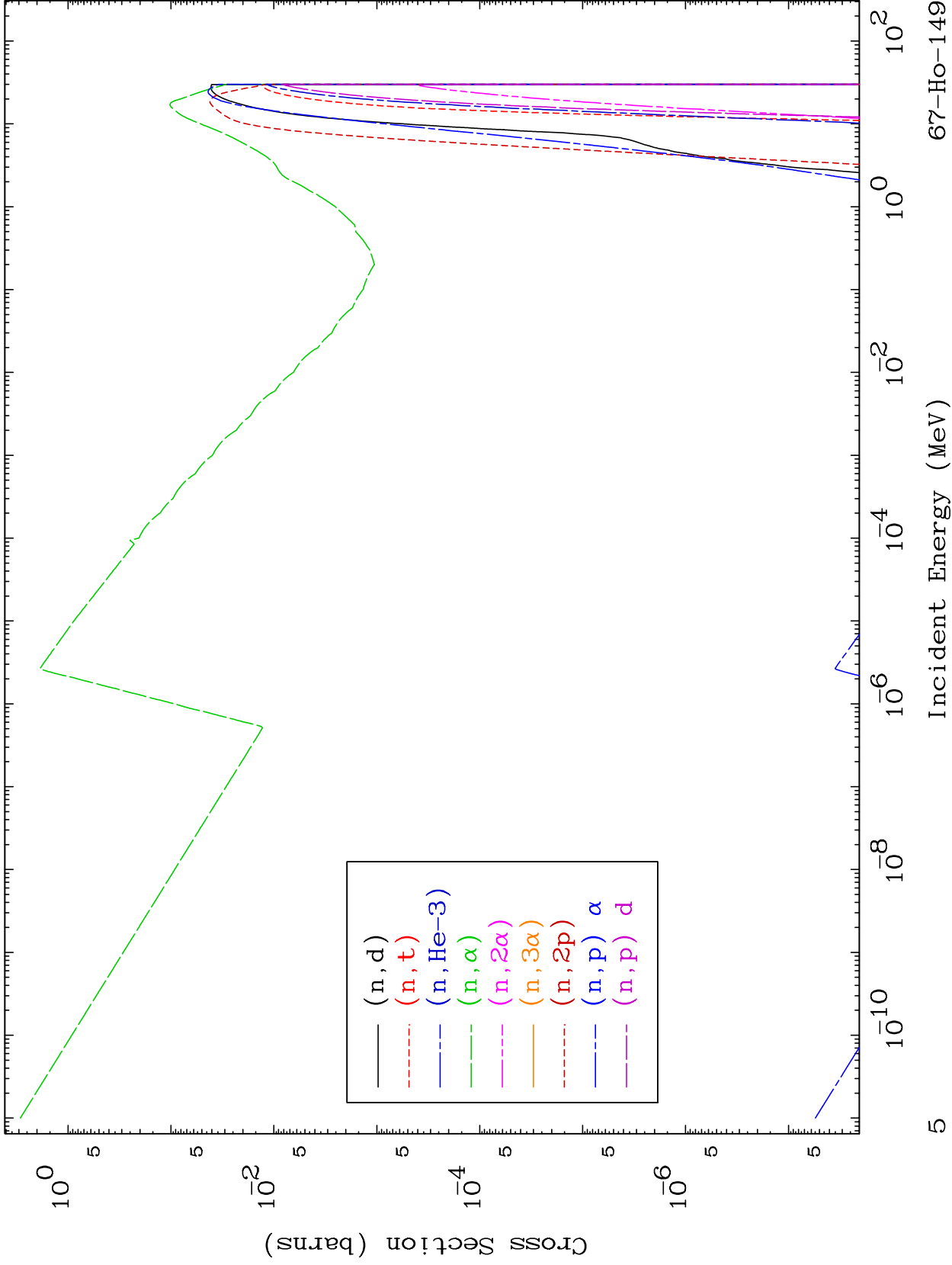
67-Ho-149



MAT 6678

Charged Particle
293 Kelvin Cross Sections

67-Ho-149

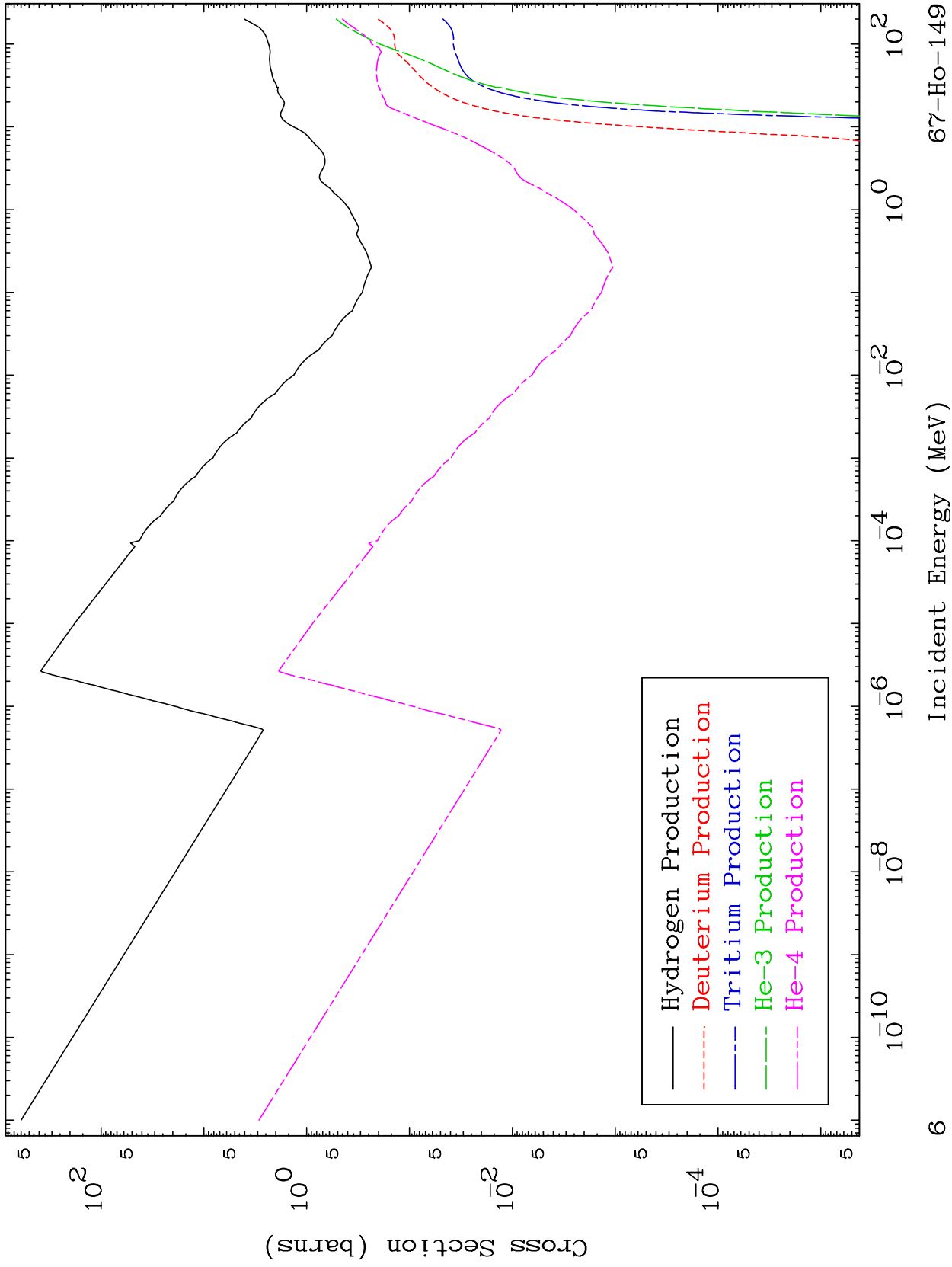


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MAT 6678

Particle Production
293 Kelvin Cross Sections

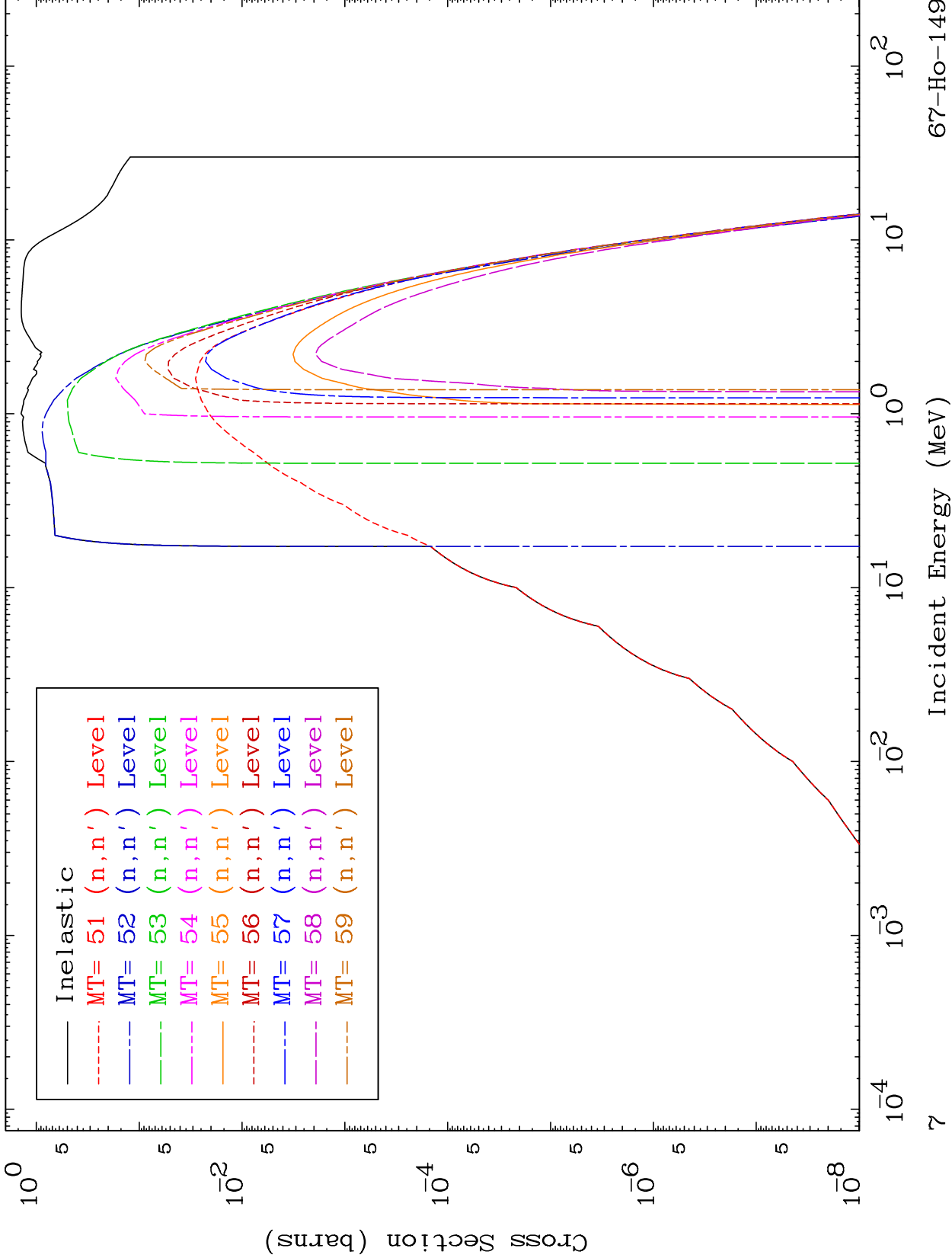
67-Ho-149



MAT 6678

293 Kelvin Cross Sections
(n,n') Level

67-Ho-149



67-Ho-149

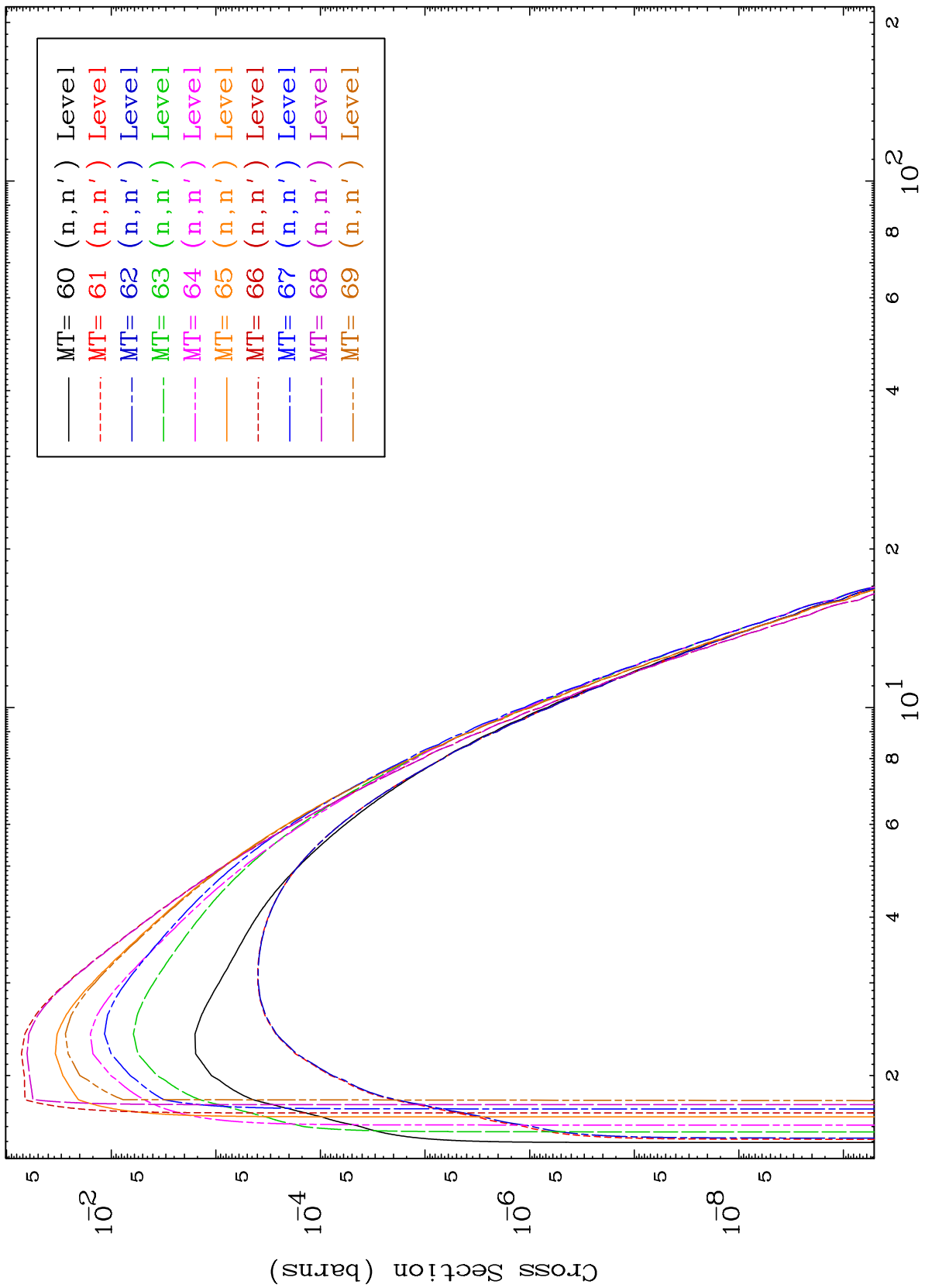
Incident Energy (MeV)

MAT 6678

(n,n') Level

293 Kelvin Cross Sections

67-Ho-149



8

Incident Energy (MeV)

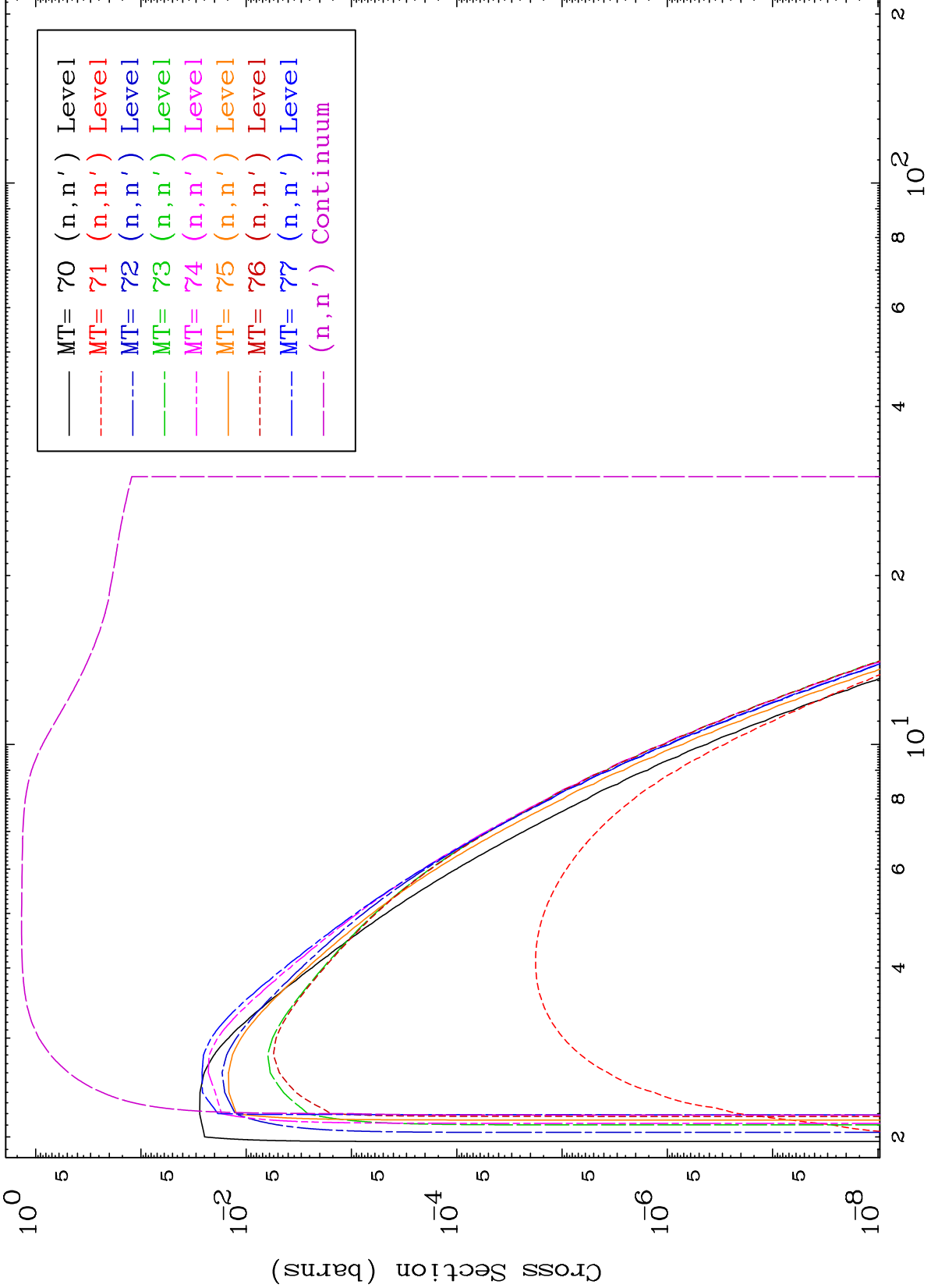
67-Ho-149

MAT 6678

(n,n') Level

67-Ho-149

293 Kelvin Cross Sections



9

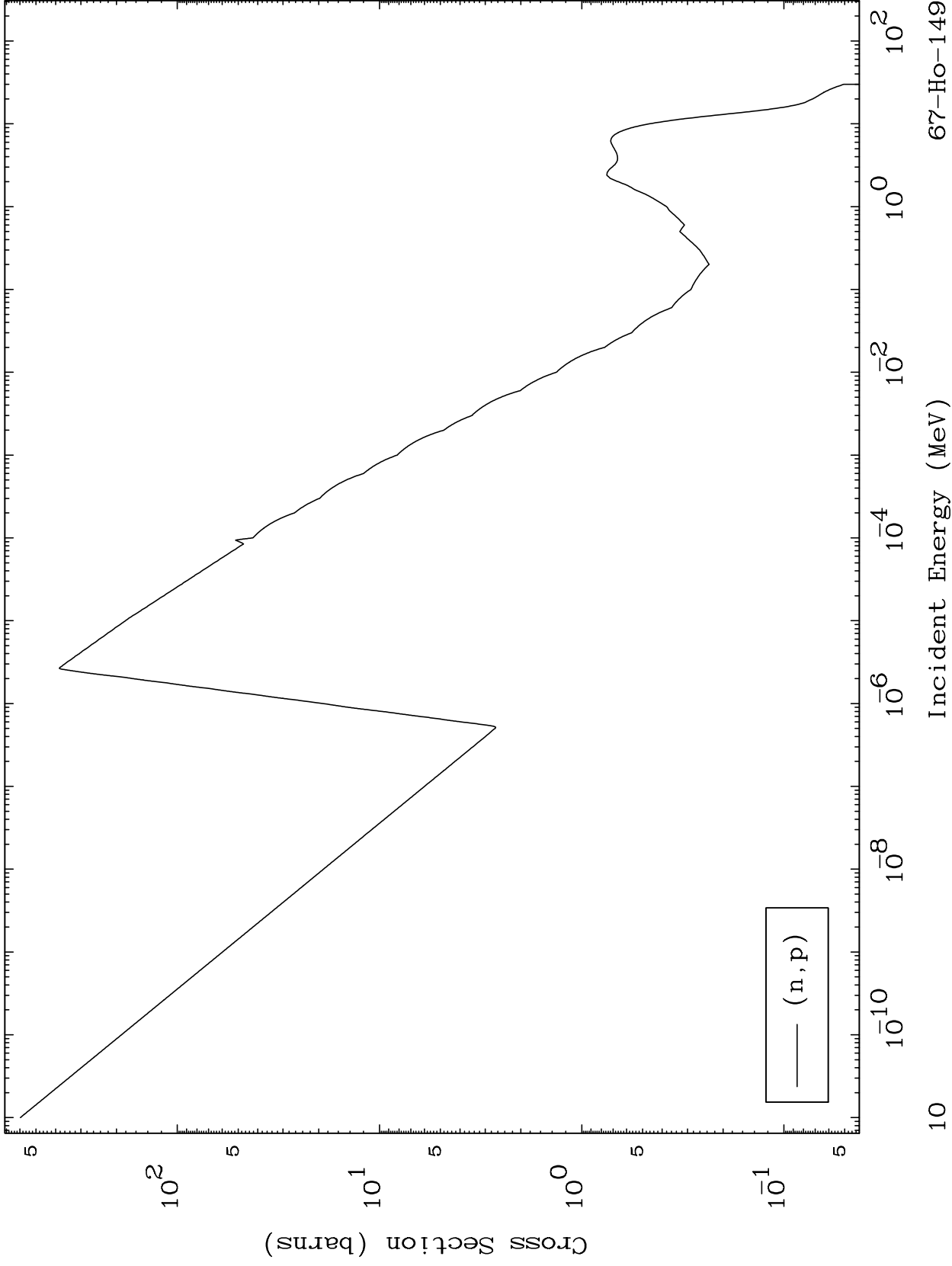
Incident Energy (MeV)

67-Ho-149

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(n,p) Levels
293 Kelvin Cross Sections

67-Ho-149



— (n,p)

10

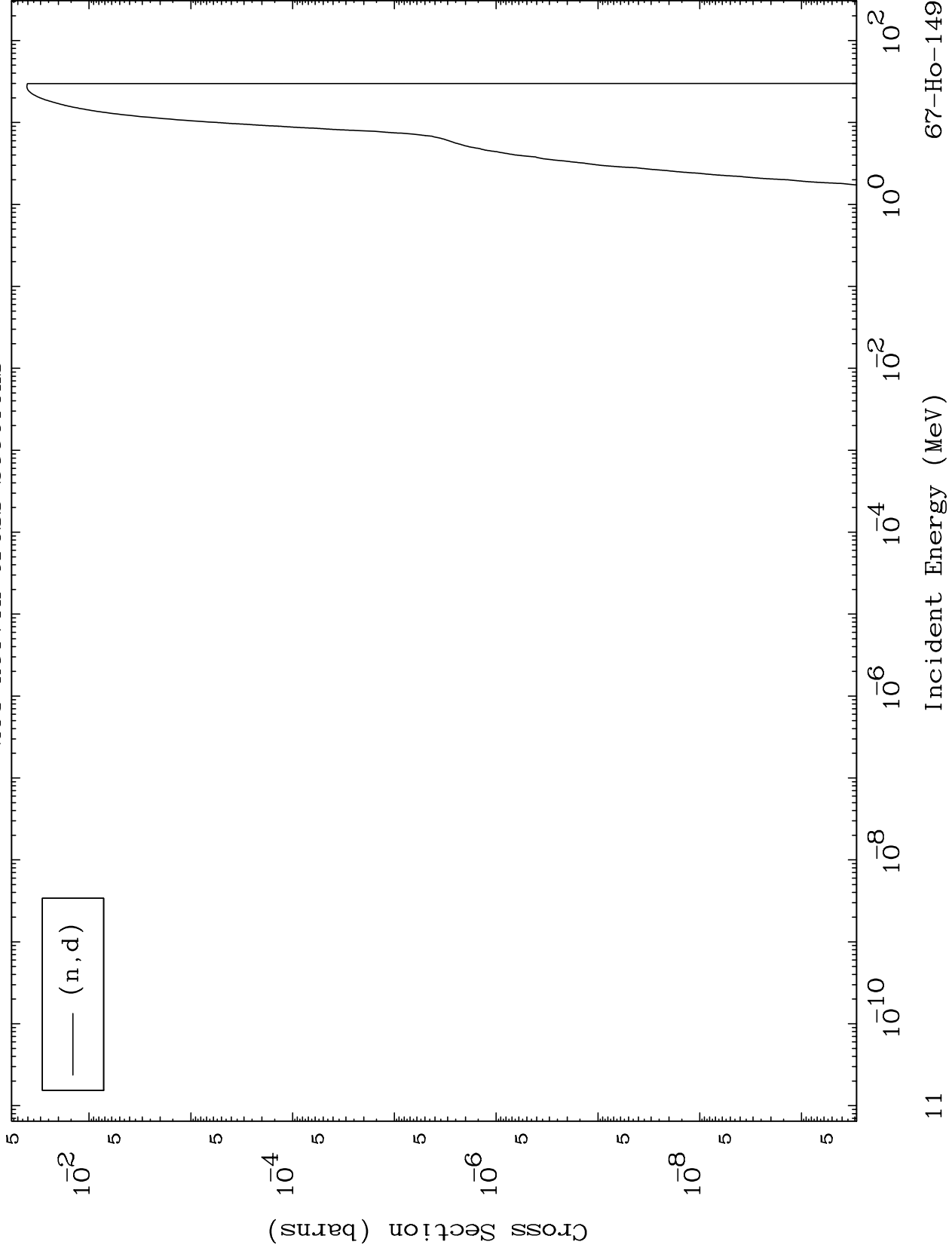
Incident Energy (MeV)

67-Ho-149

MAT 6678

(n,d) Levels
293 Kelvin Cross Sections

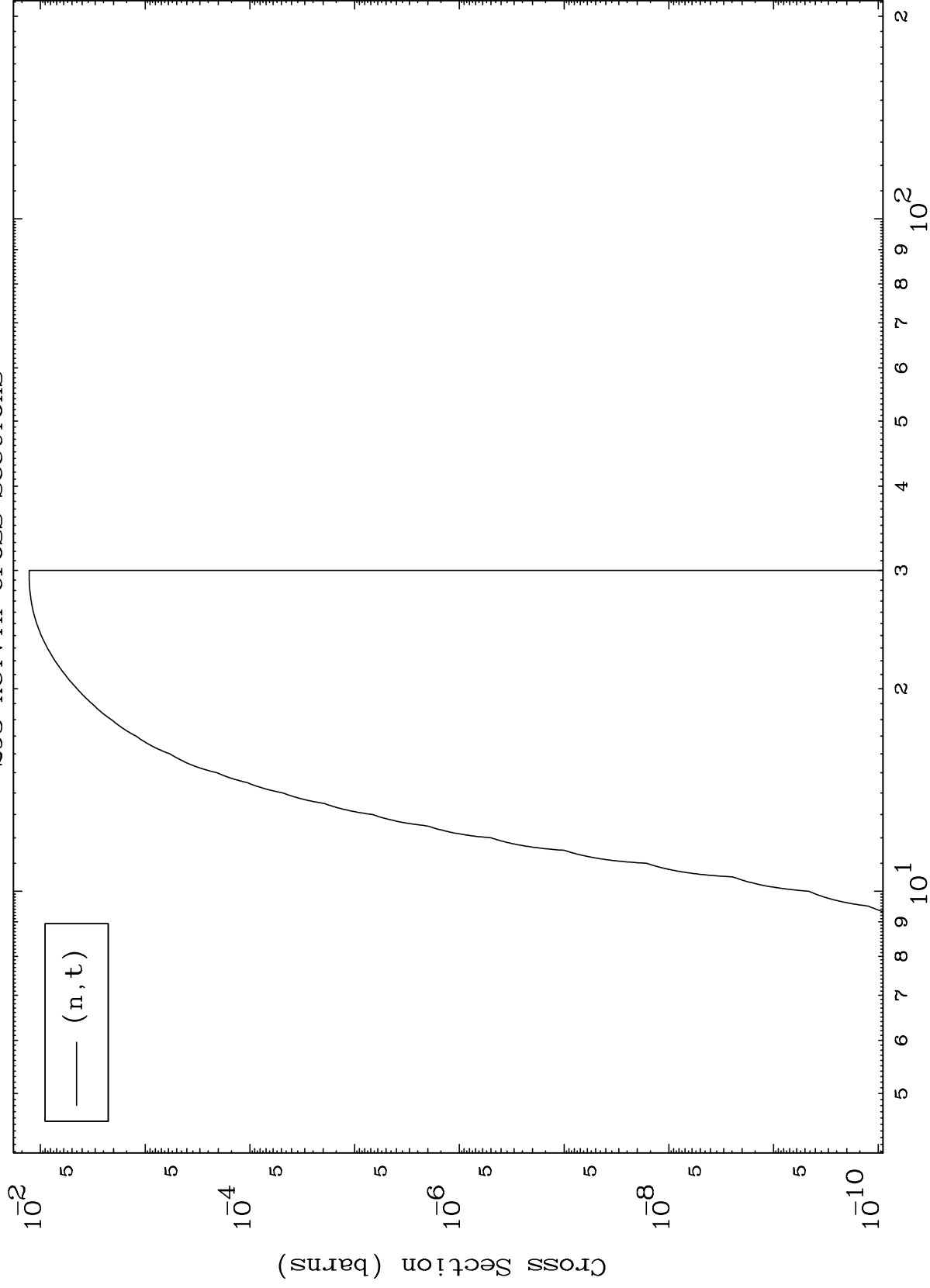
67-Ho-149



MAT 6678

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-149



12

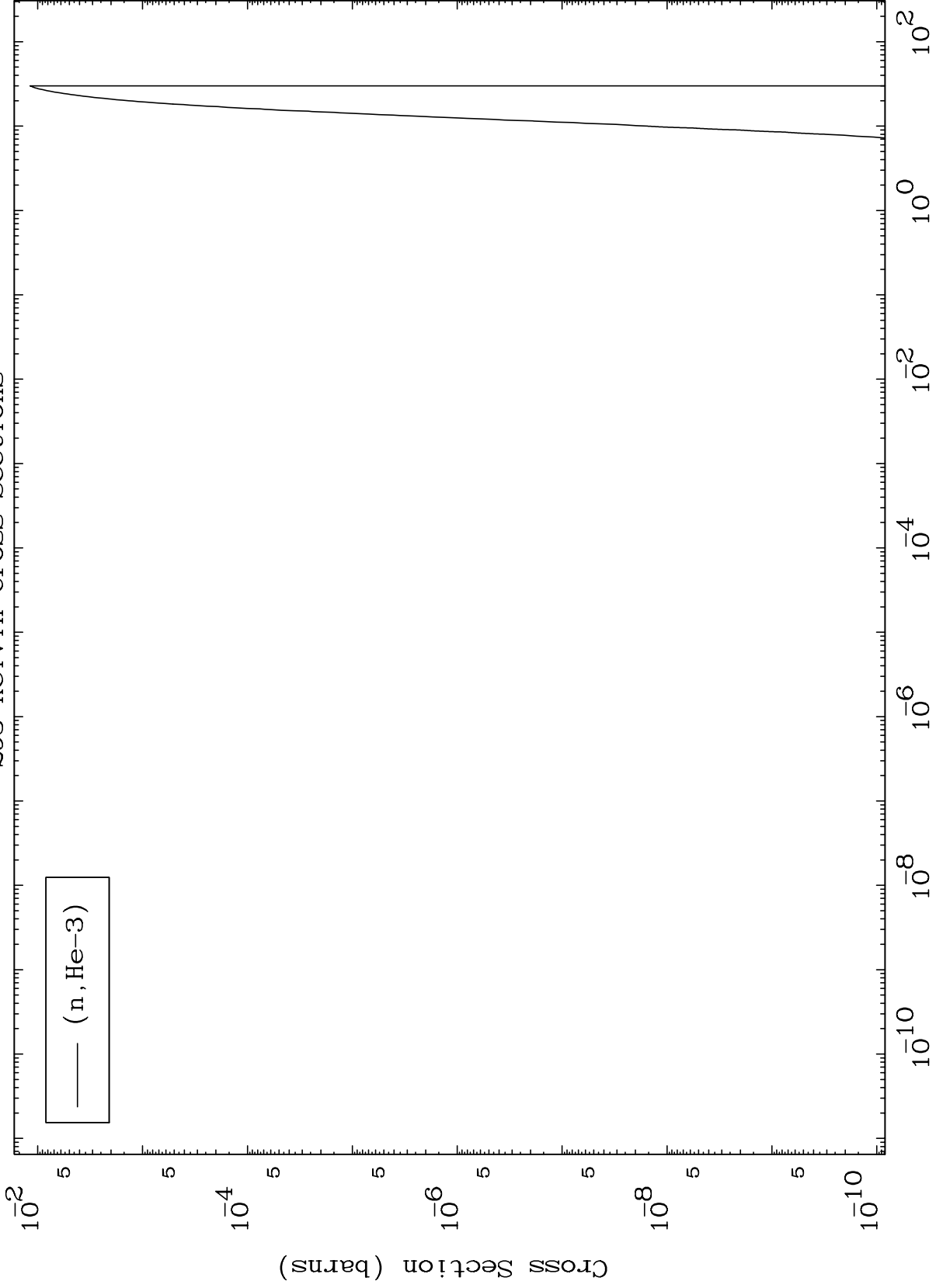
Incident Energy (MeV)

67-Ho-149

MAT 6678

(n,He3) Levels
293 Kelvin Cross Sections

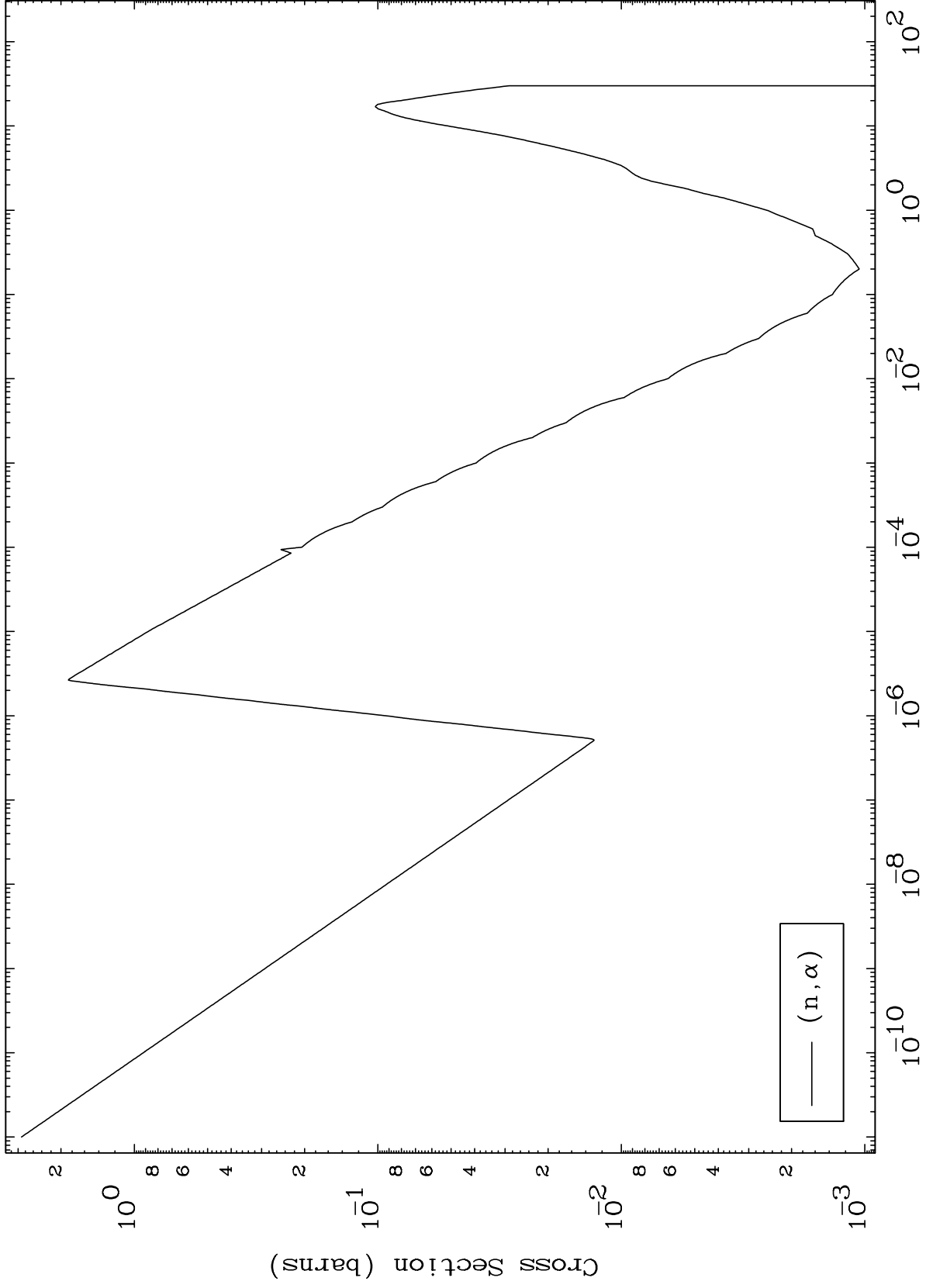
67-Ho-149

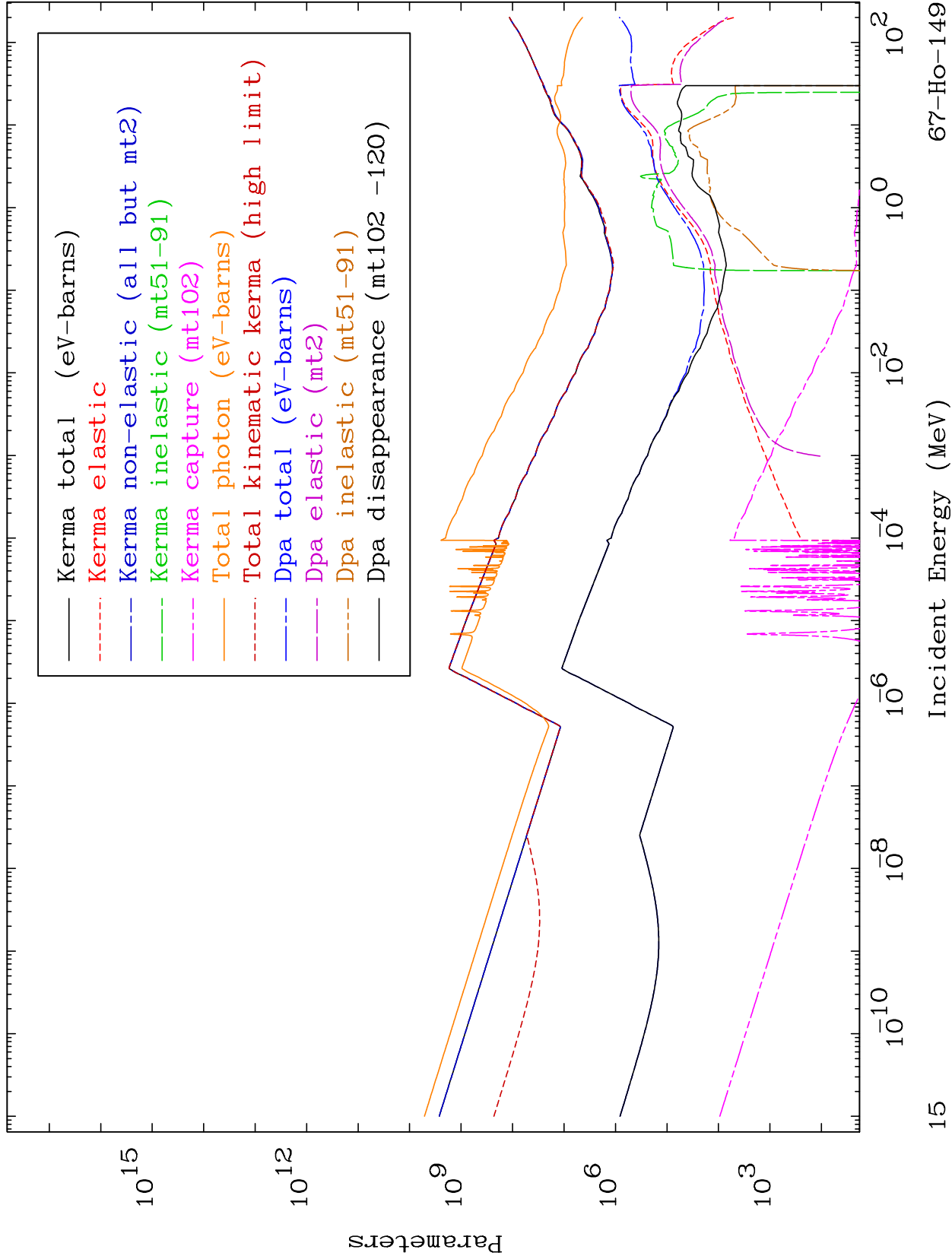


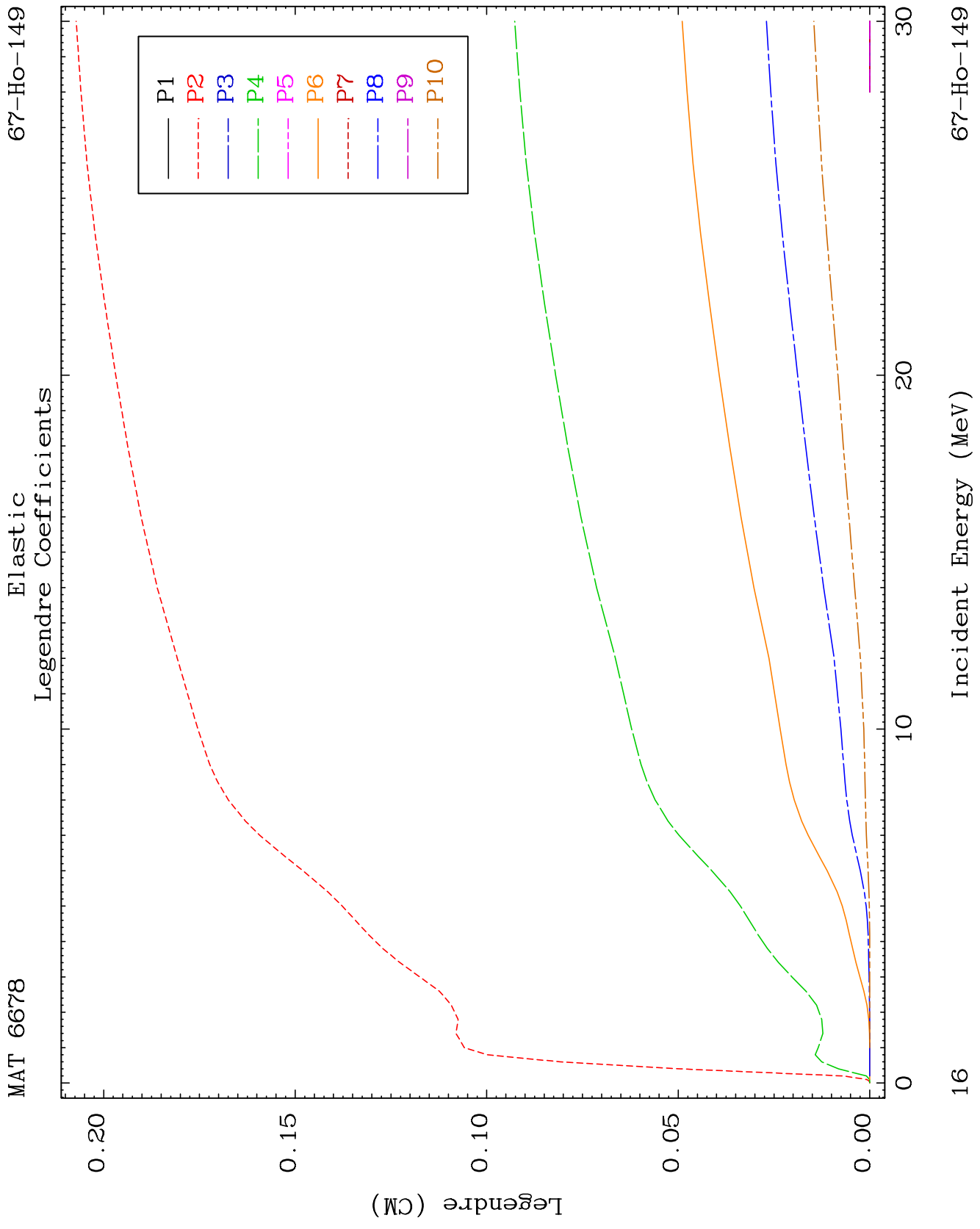
MAT 6678

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-149







67-Ho-149

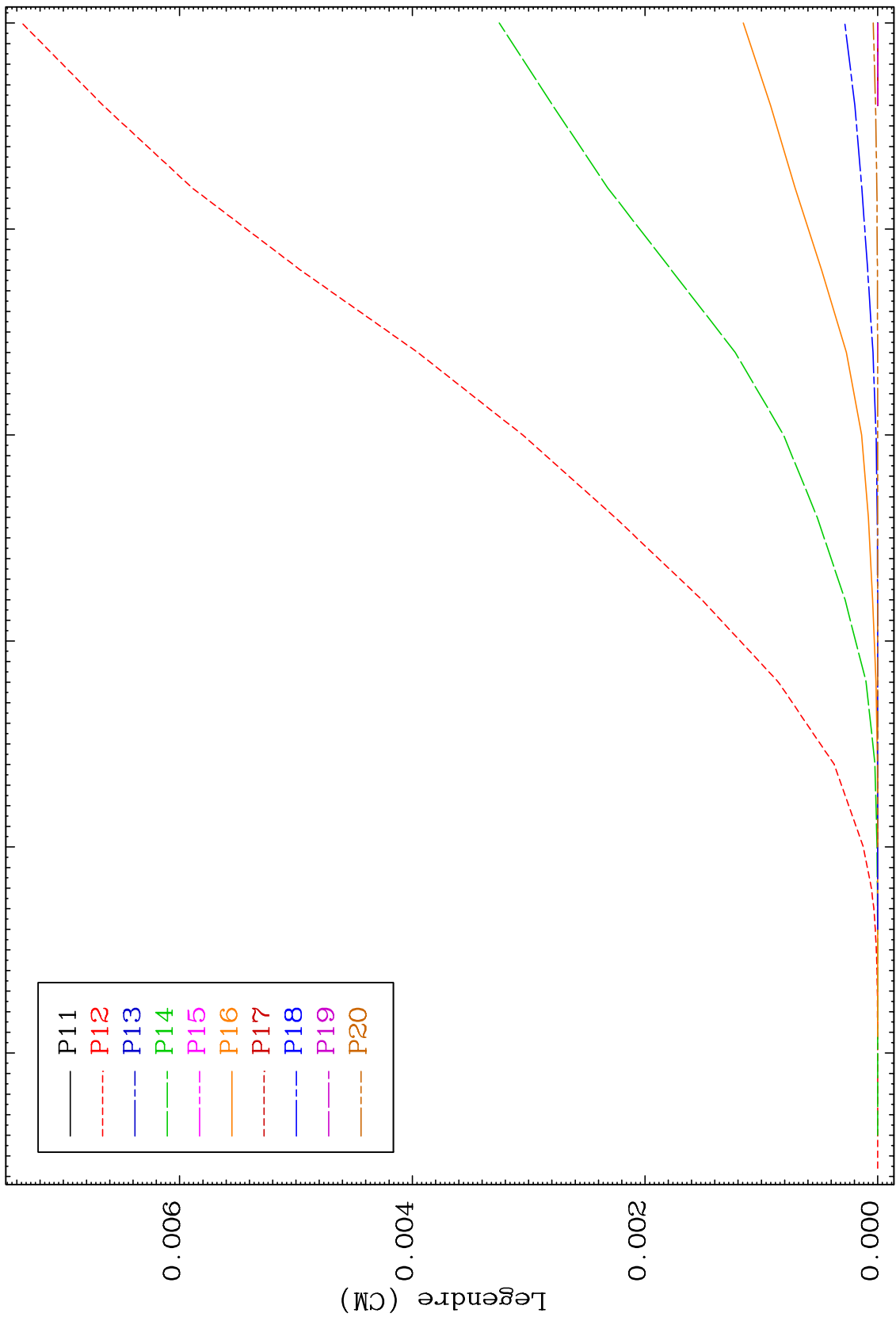
Incident Energy (MeV)

16

MAT 6678

Elastic
Legendre Coefficients

67-Ho-149



17

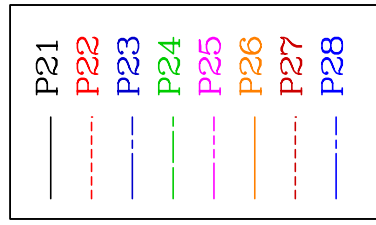
Incident Energy (MeV)

67-Ho-149

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Elastic
Legendre Coefficients

67-Ho-149



$\times 10^{-6}$
1.5
1.0
0.5
0.0

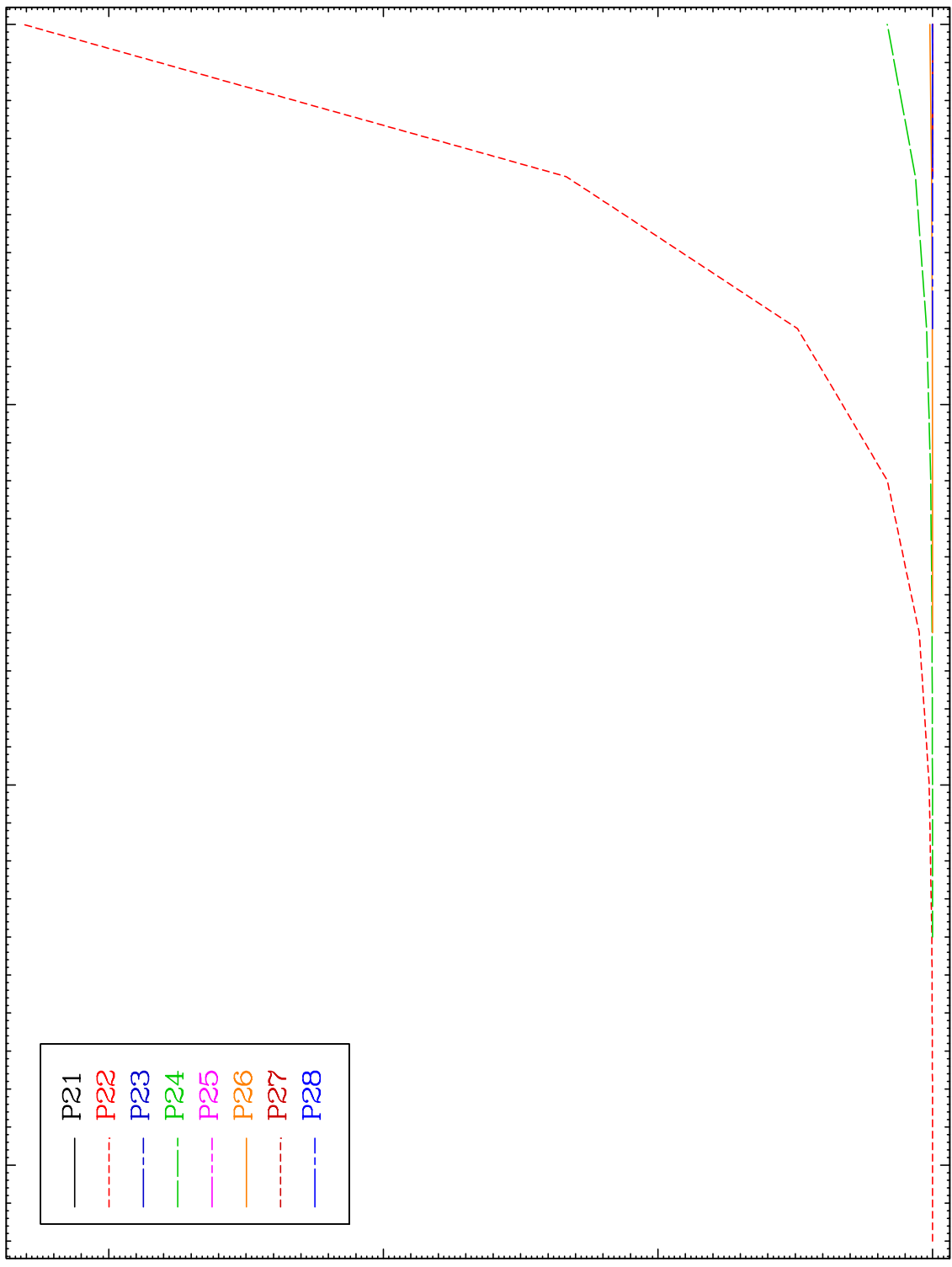
Legendre (CM)

15 20 25 30

18

Incident Energy (MeV)

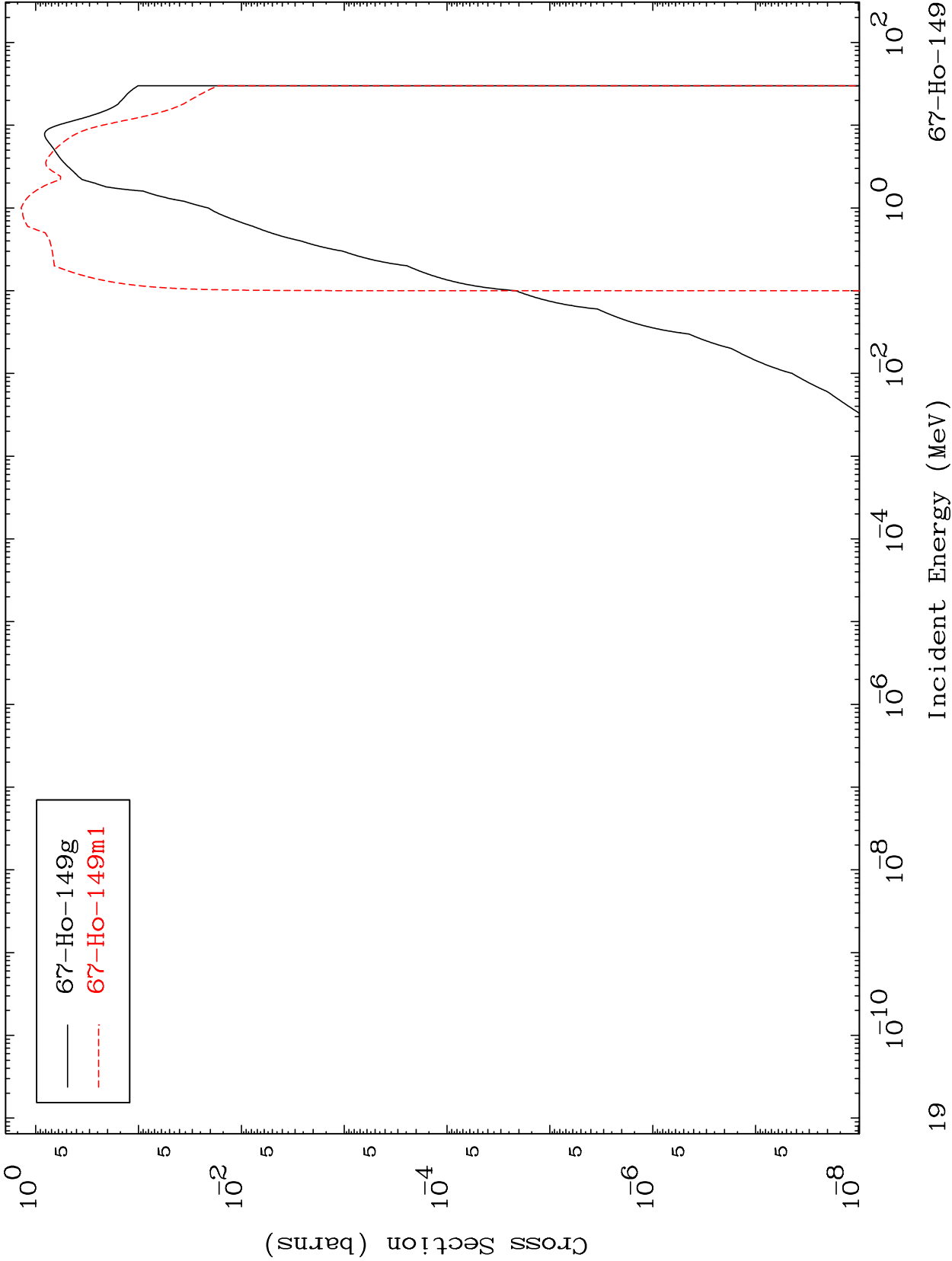
67-Ho-149



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Inelastic
Radionuclide Production Cross Section

⁶⁷Ho-149



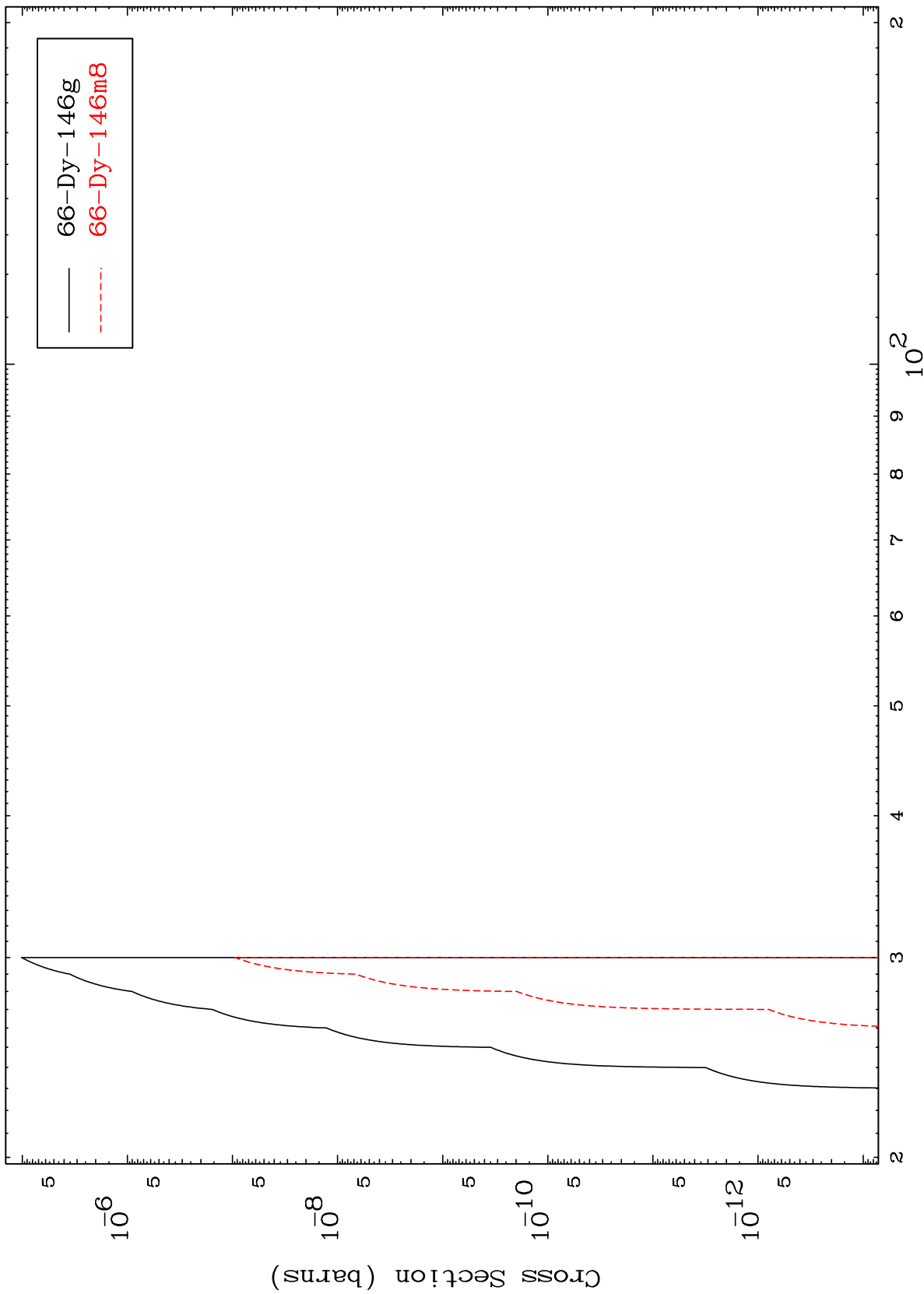
— 67-Ho-149g
- - - 67-Ho-149m1

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(n,2n) d

67-Ho-149

Radionuclide Production Cross Section



20

Incident Energy (MeV)

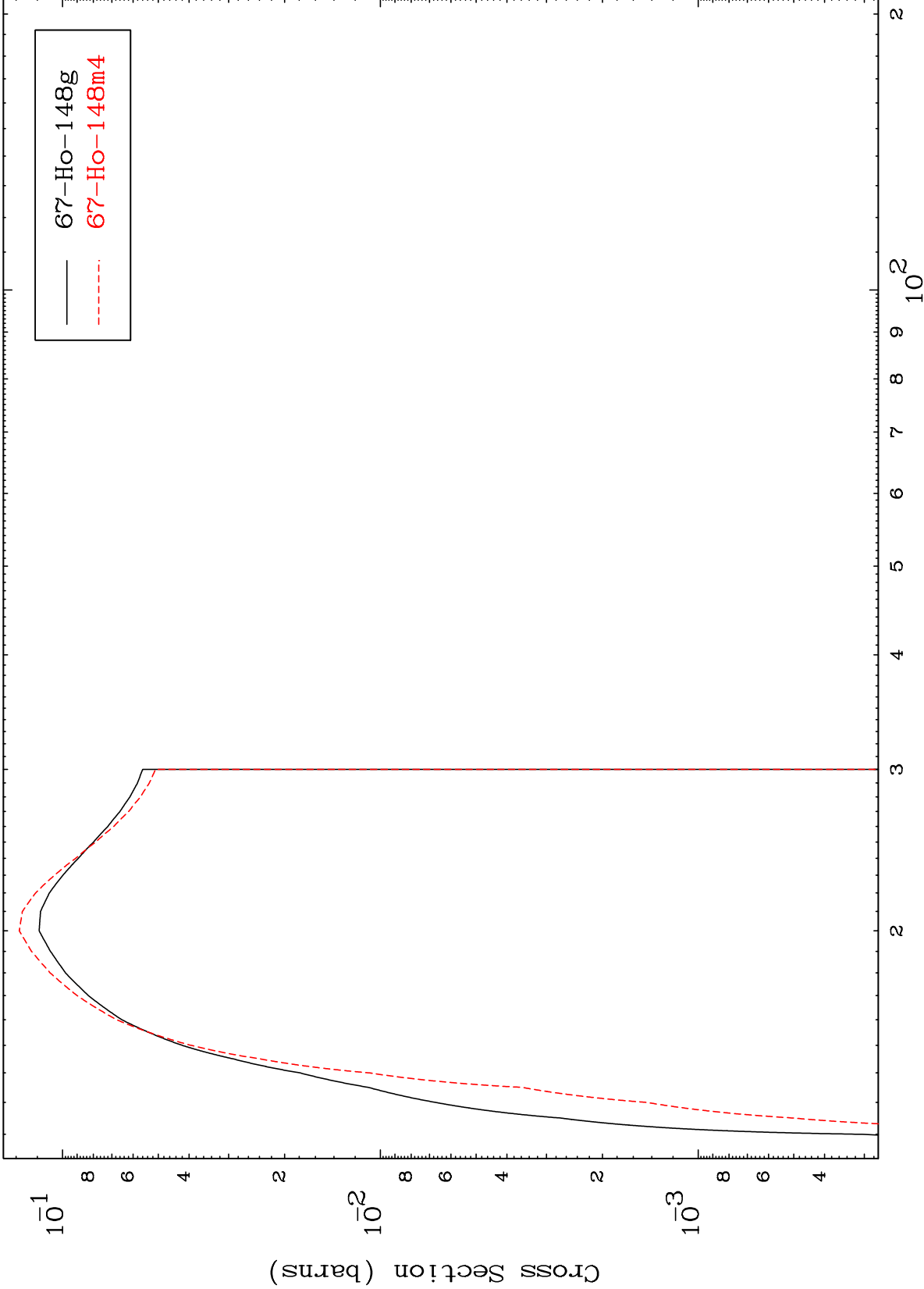
67-Ho-149

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(n,2n)

67-Ho-149

Radionuclide Production Cross Section

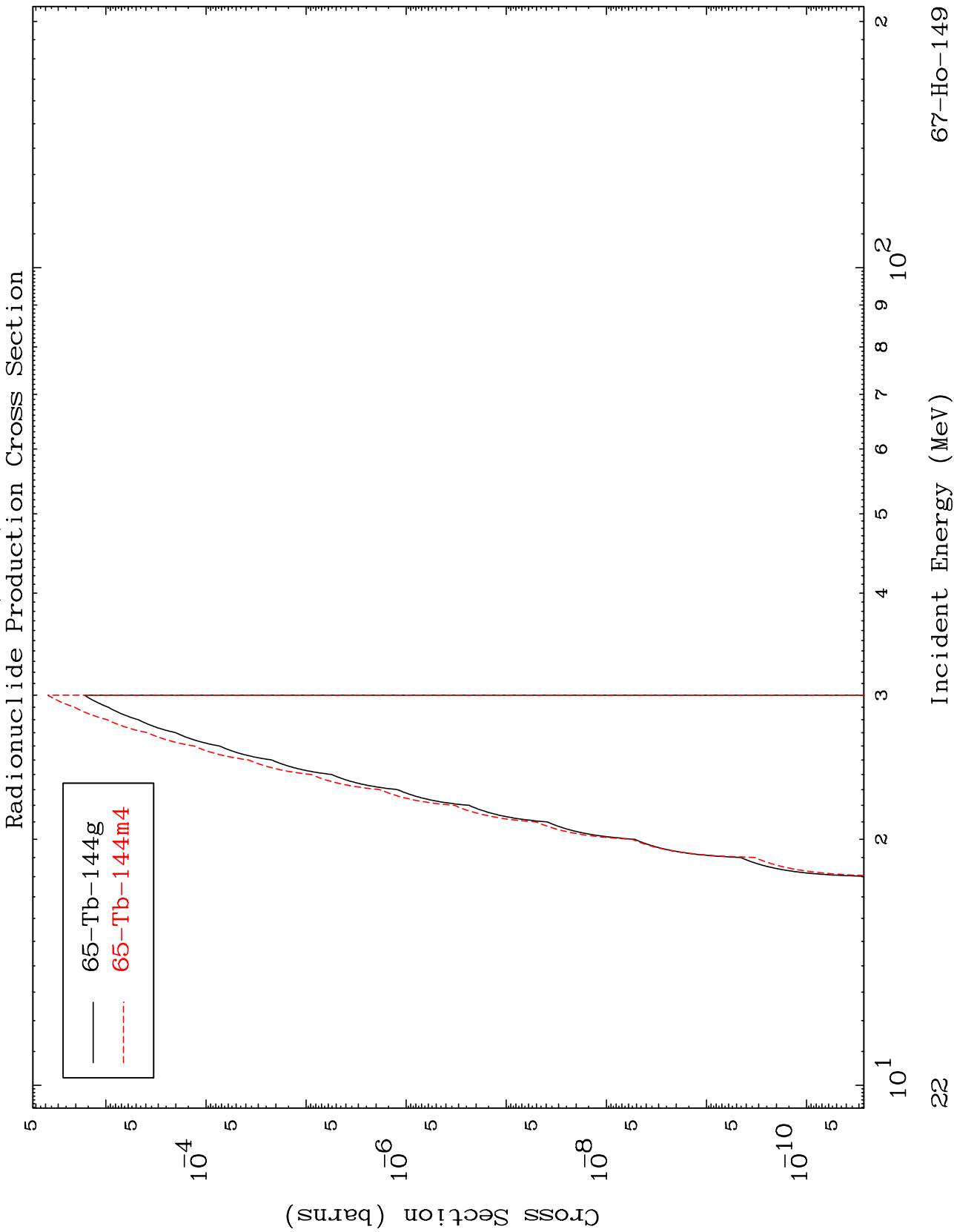


67-Ho-148g
67-Ho-148m4

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(n,2n) α

67-Ho-149



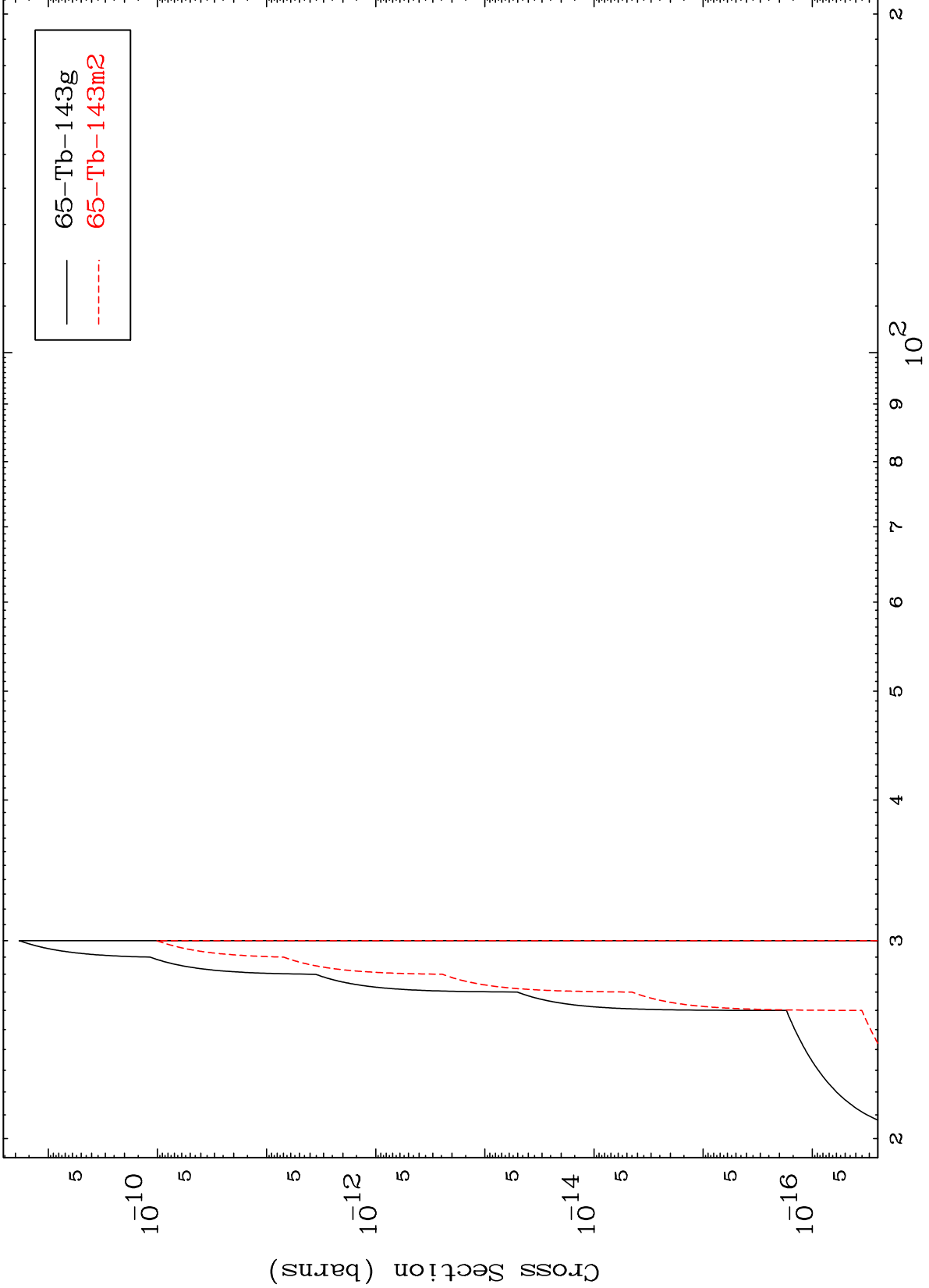
22

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(n,3n) α

67-Ho-149

Radionuclide Production Cross Section



23

Incident Energy (MeV)

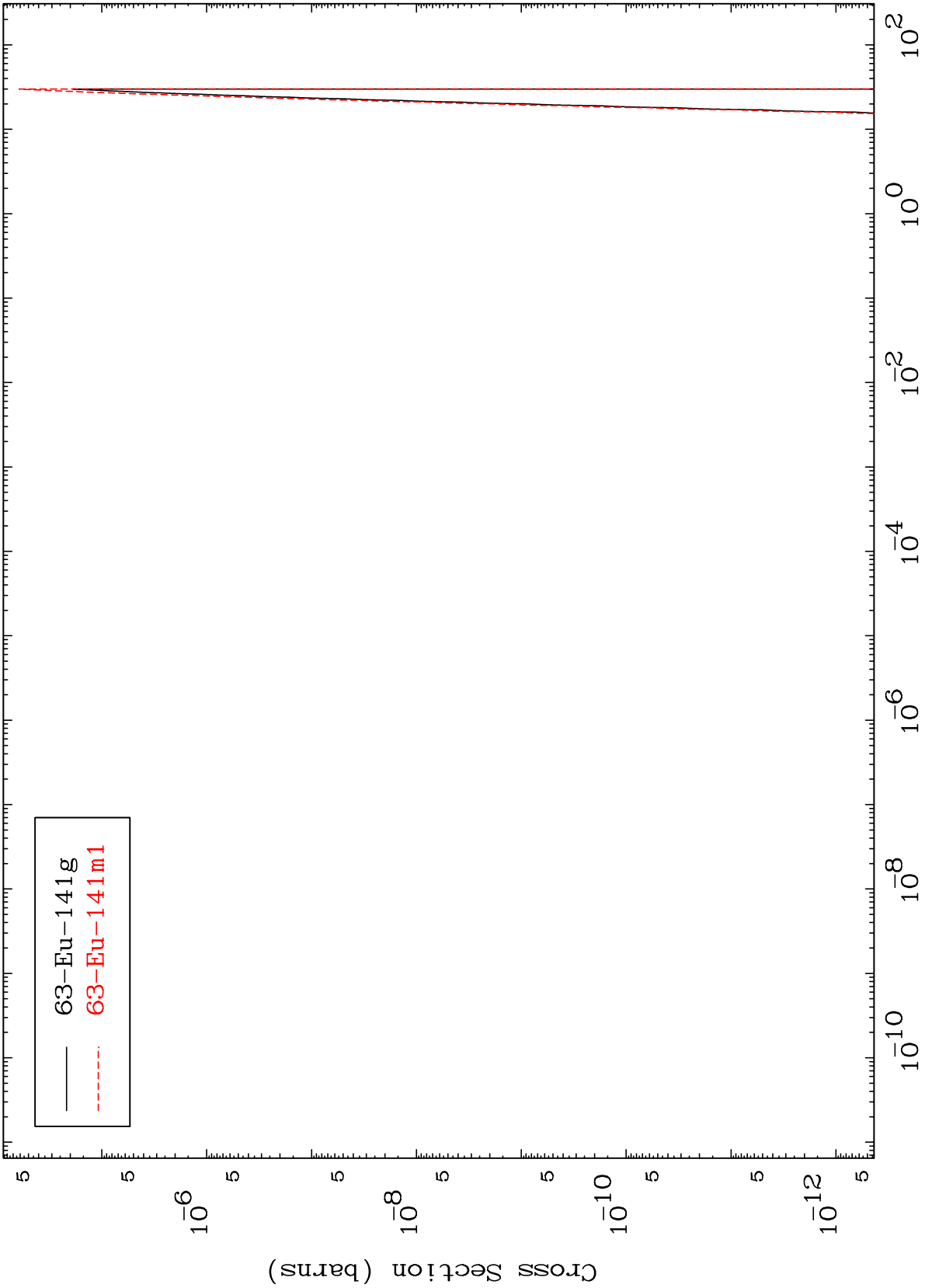
67-Ho-149

MAT 6678

(n,n') 2 α

67-Ho-149

Radionuclide Production Cross Section



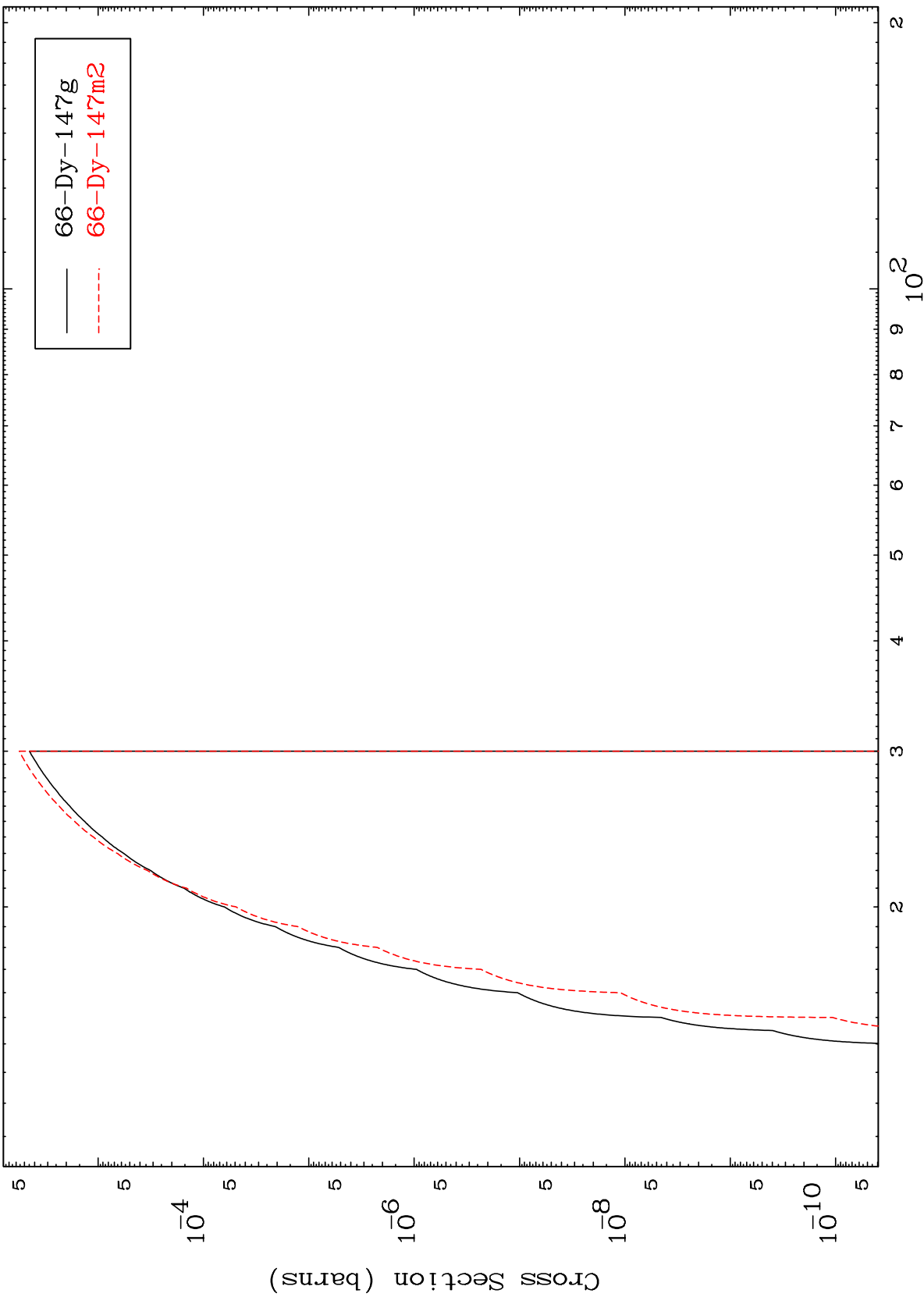
63-Eu-141g
63-Eu-141m1

24

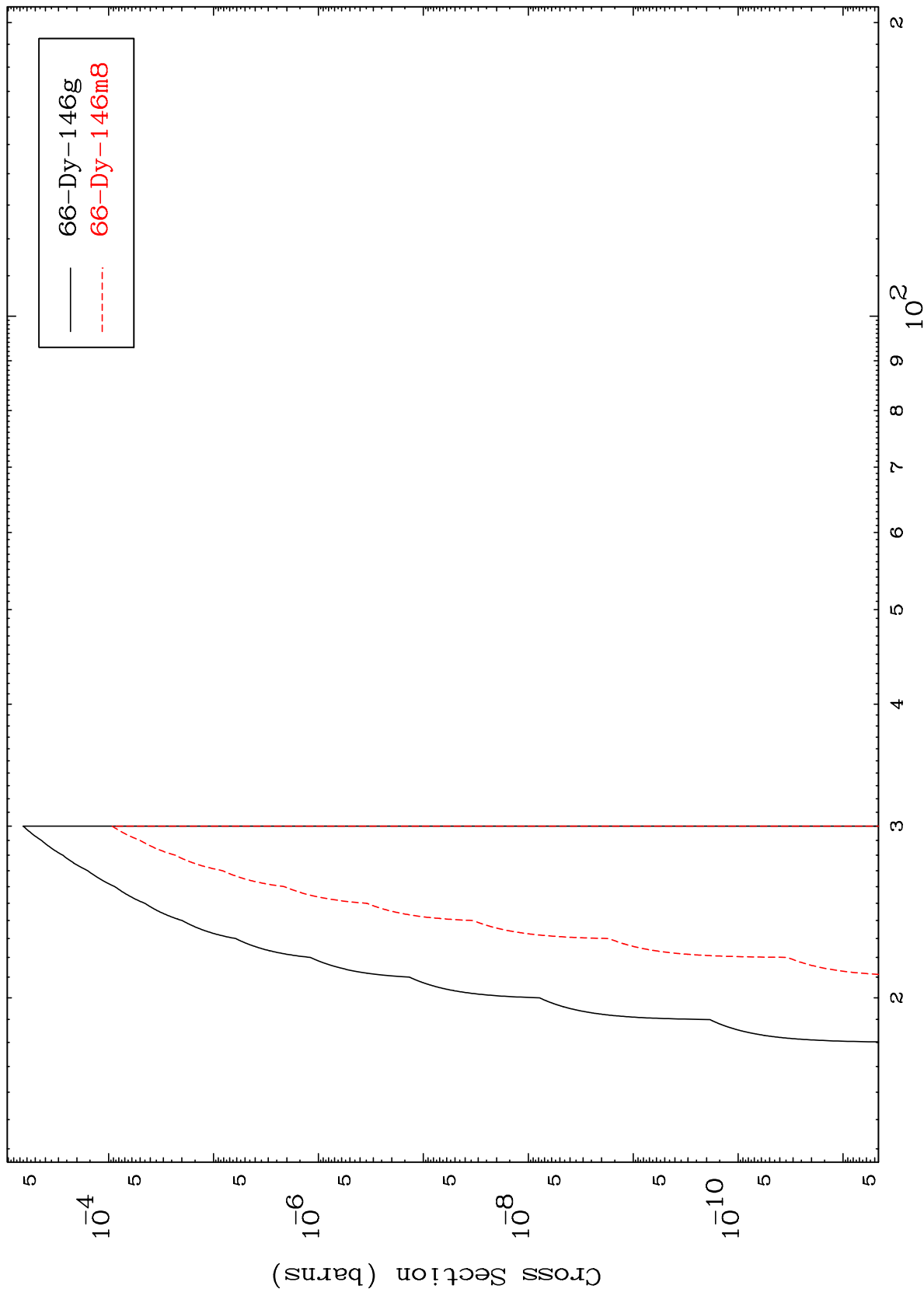
Incident Energy (MeV)

67-Ho-149

Radionuclide Production Cross Section



Radionuclide Production Cross Section

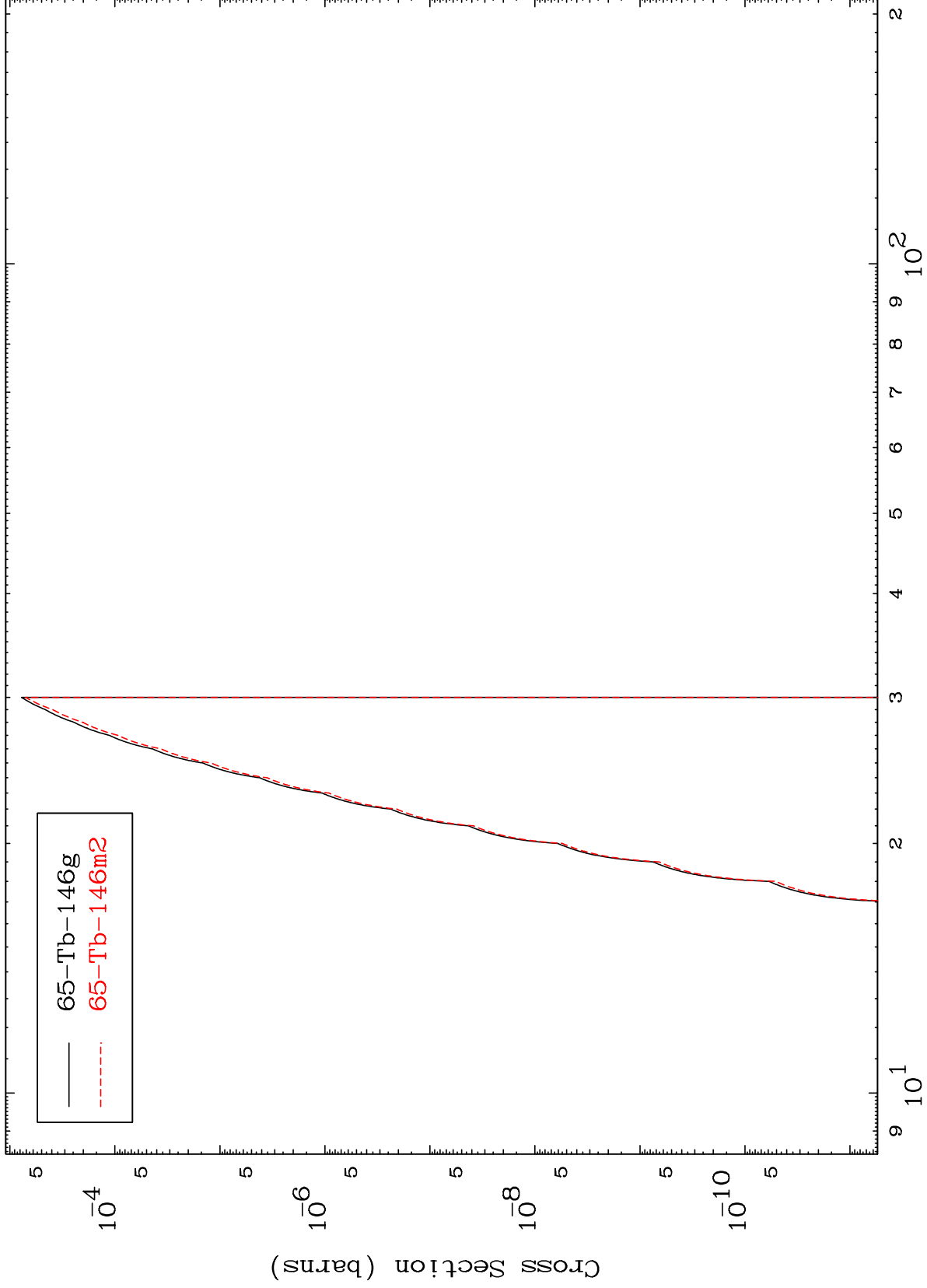


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(n,n') He-3

67-Ho-149

Radionuclide Production Cross Section

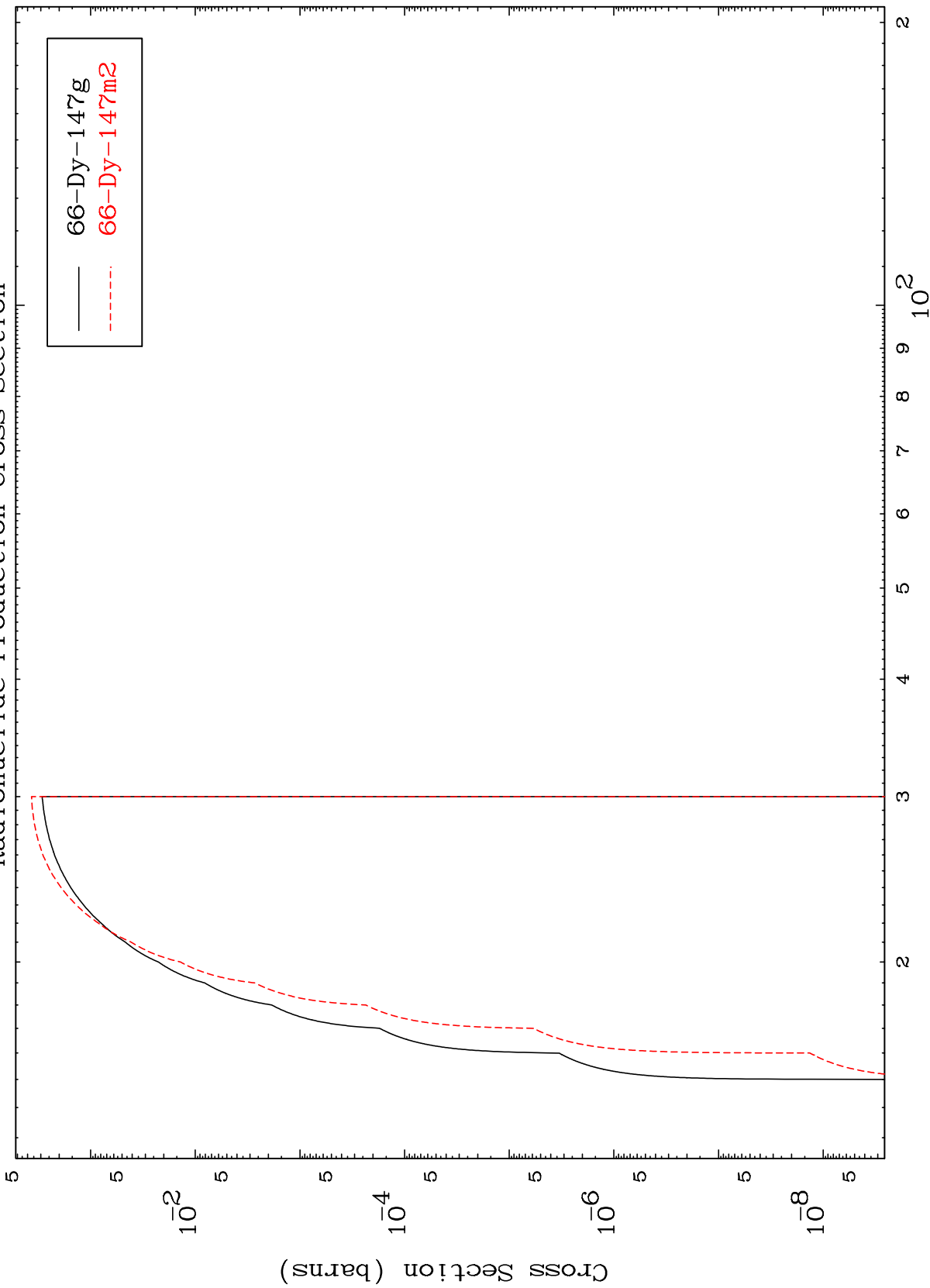


27

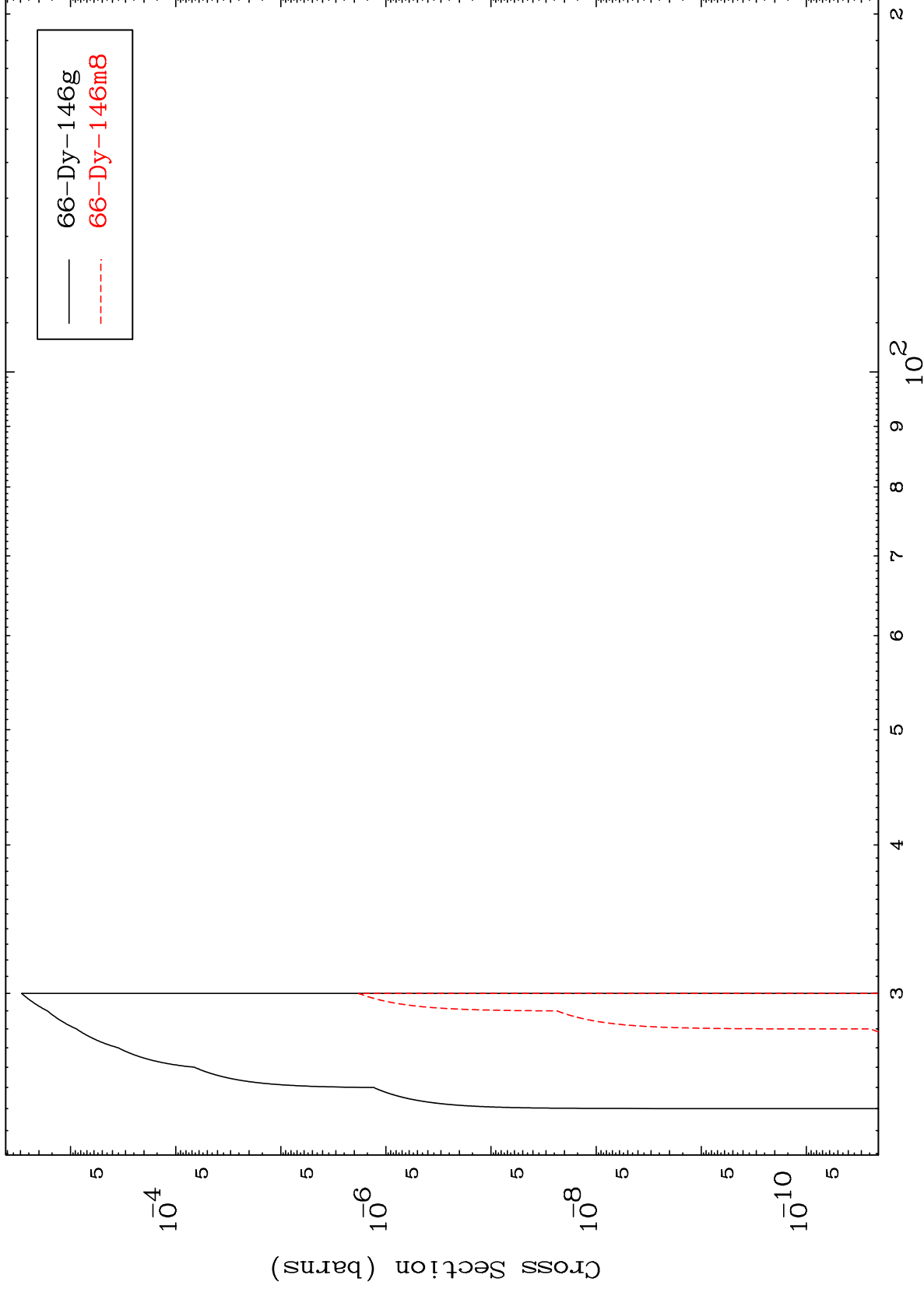
Incident Energy (MeV)

67-Ho-149

Radionuclide Production Cross Section



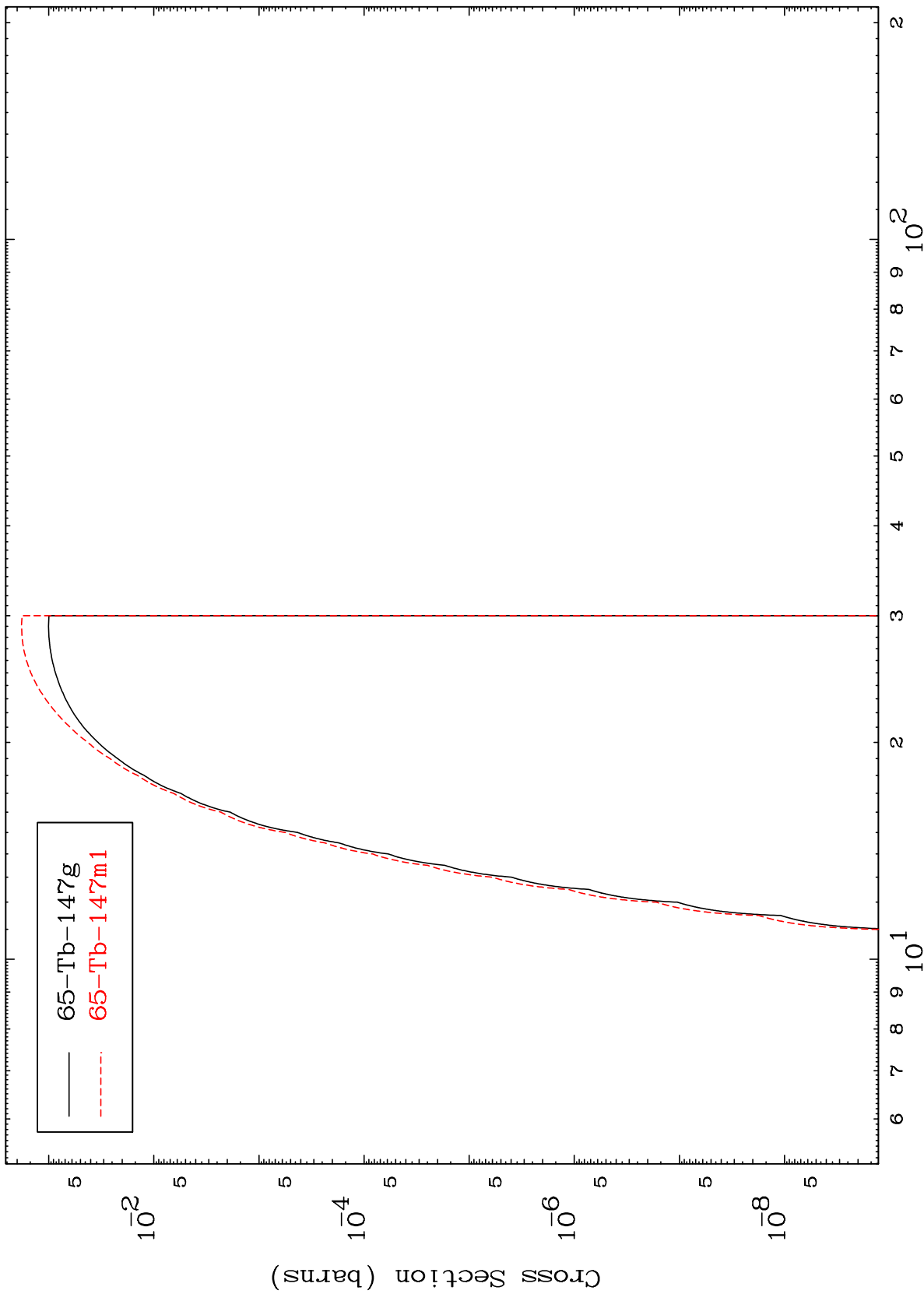
Radionuclide Production Cross Section



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67-Ho-149

(n,2n) p
Radionuclide Production Cross Section



30

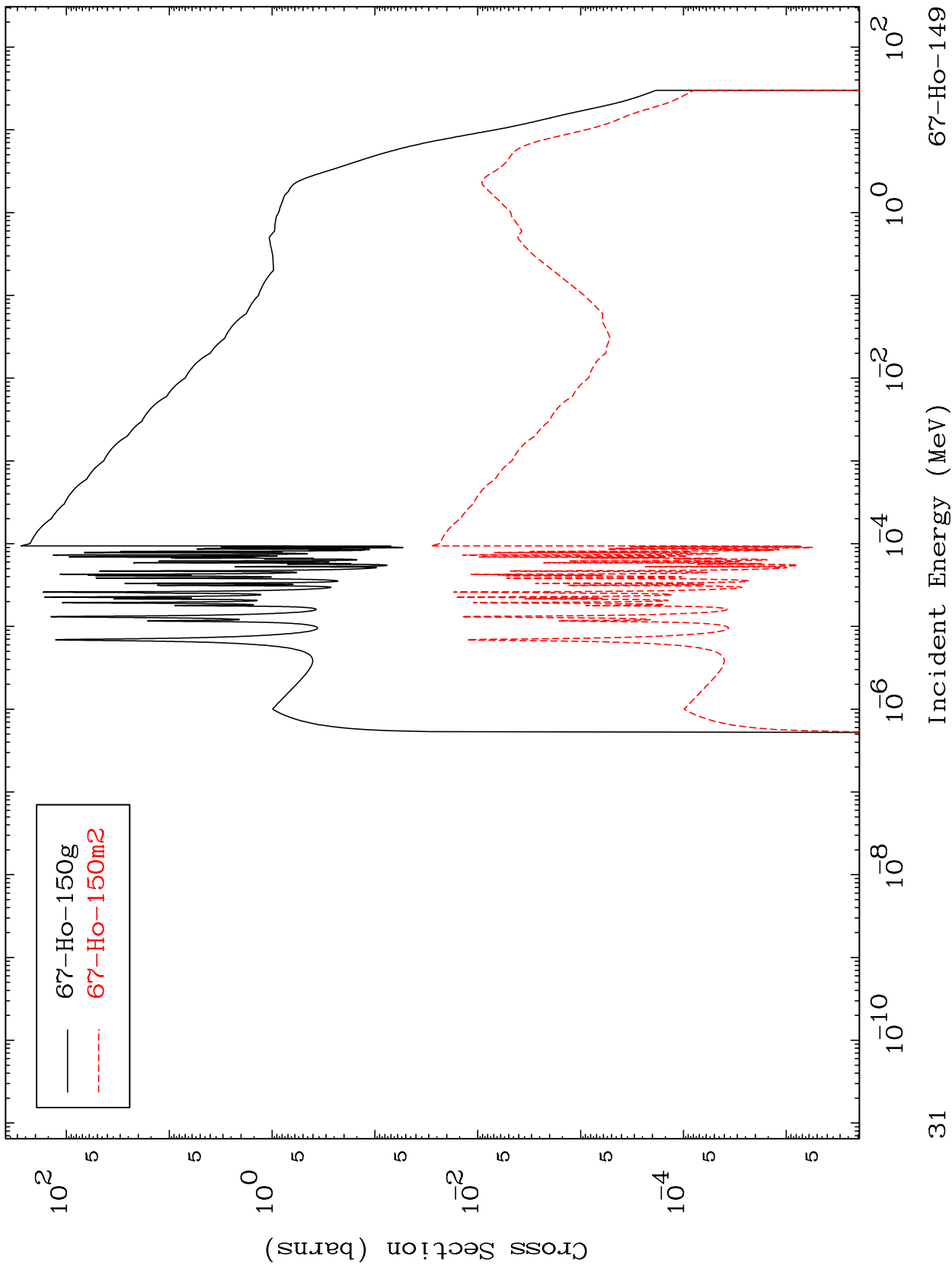
Incident Energy (MeV)

67-Ho-149

MAT 6678

67-Ho-149

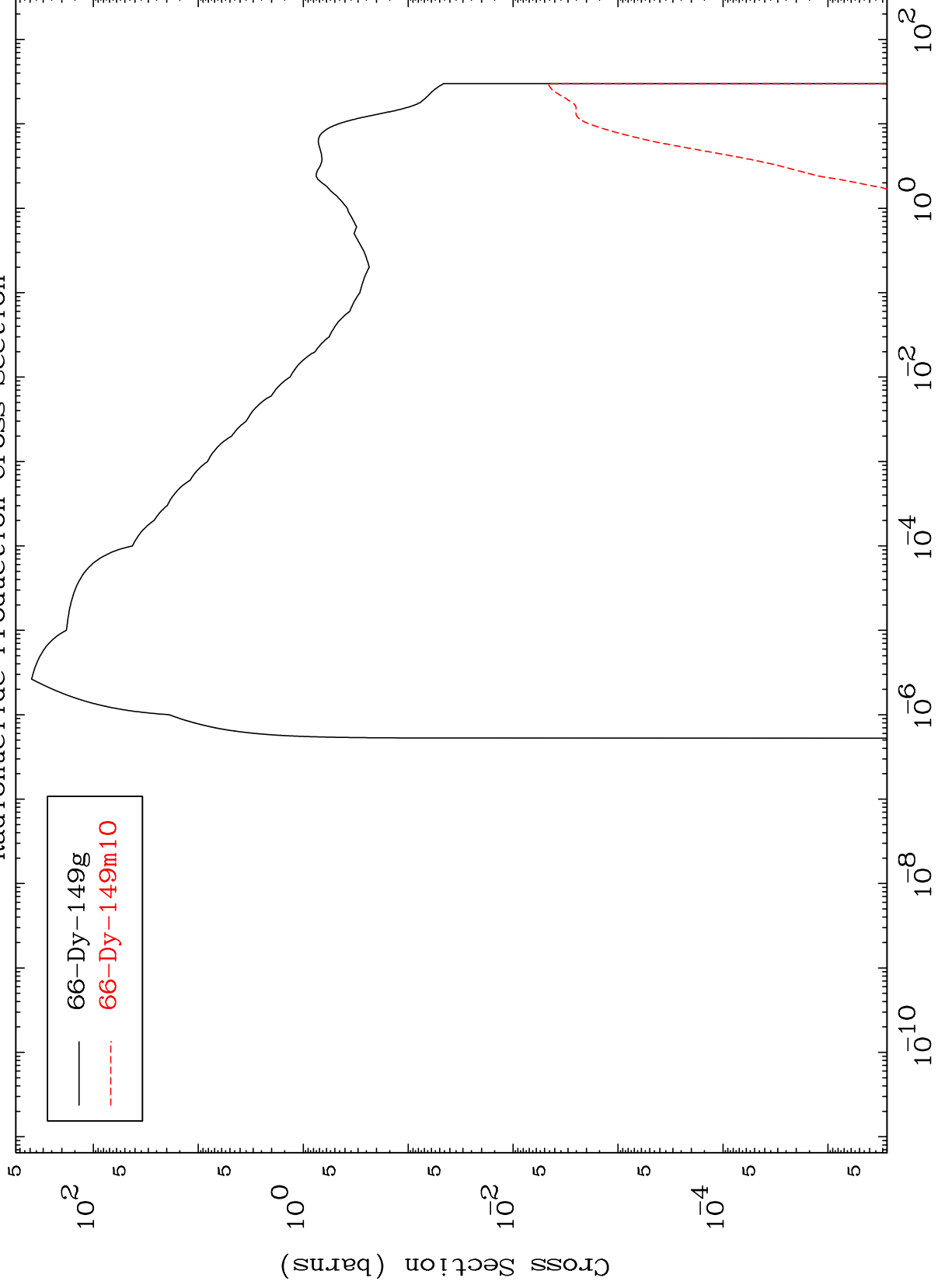
Radionuclide Production Cross Section
(n, γ)



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67-Ho-149

(n,p)
Radionuclide Production Cross Section

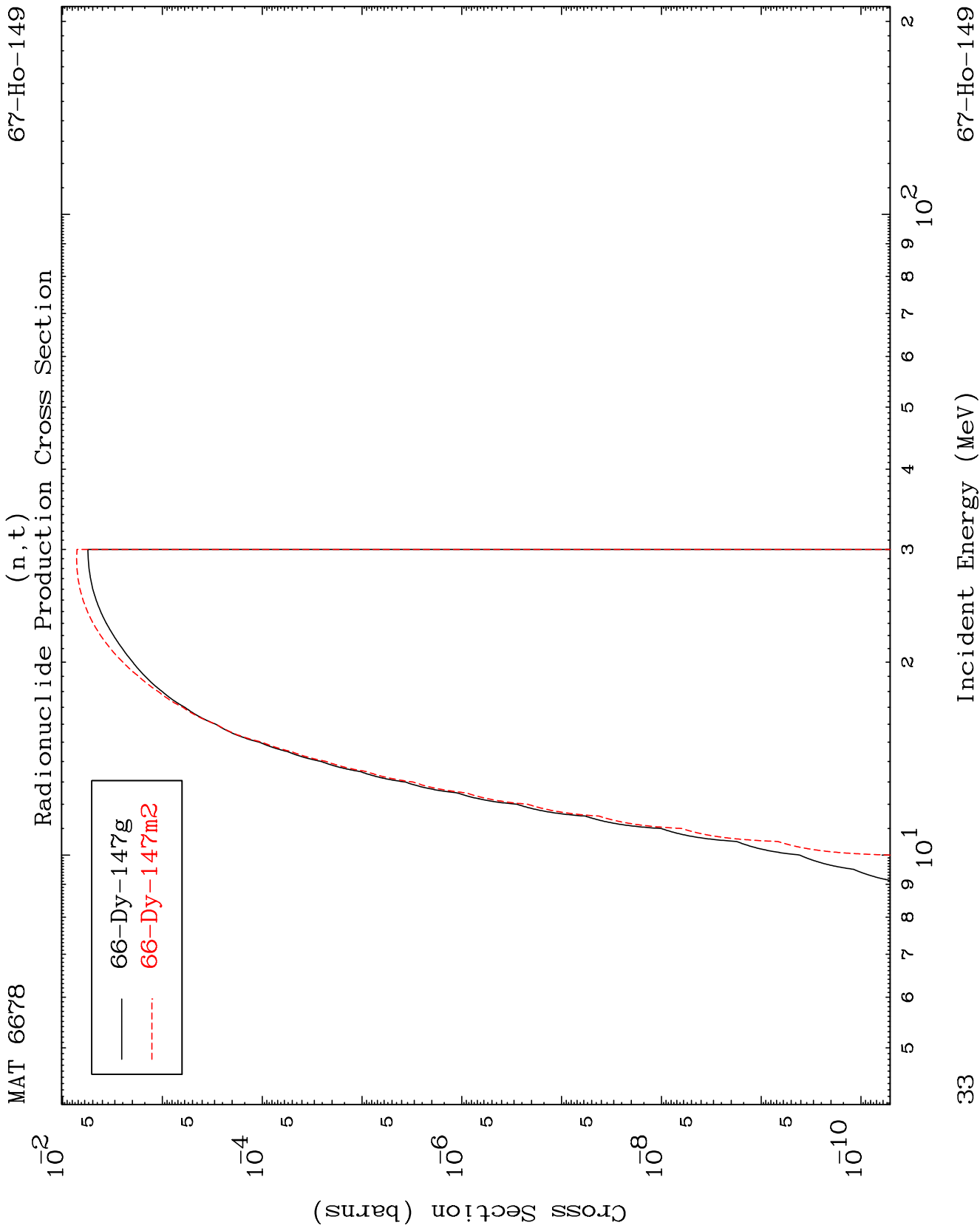


— 66-Dy-149g
- - - 66-Dy-149m10

67-Ho-149

Incident Energy (MeV)

32

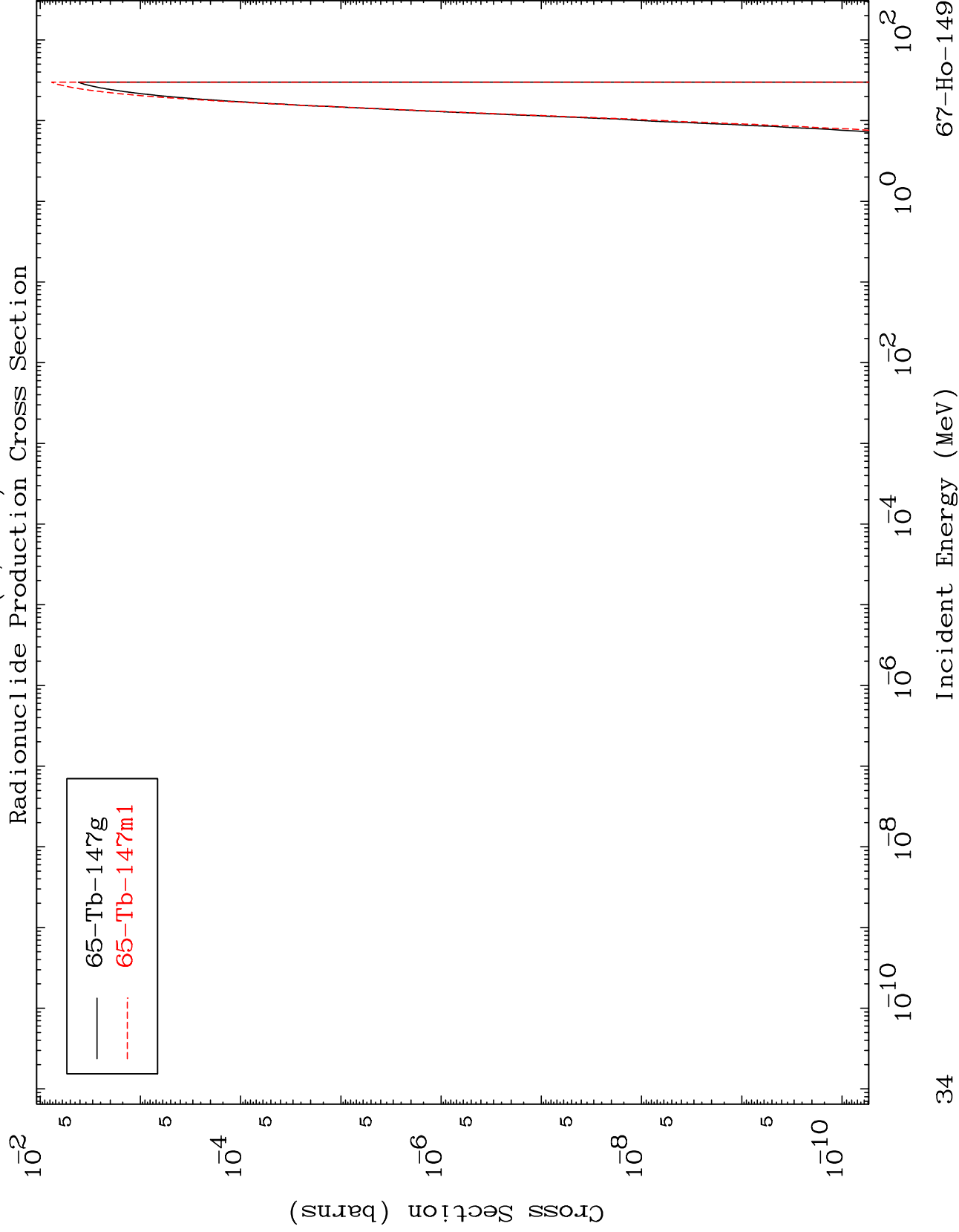


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(n,He-3)

67-Ho-149

Radionuclide Production Cross Section



34

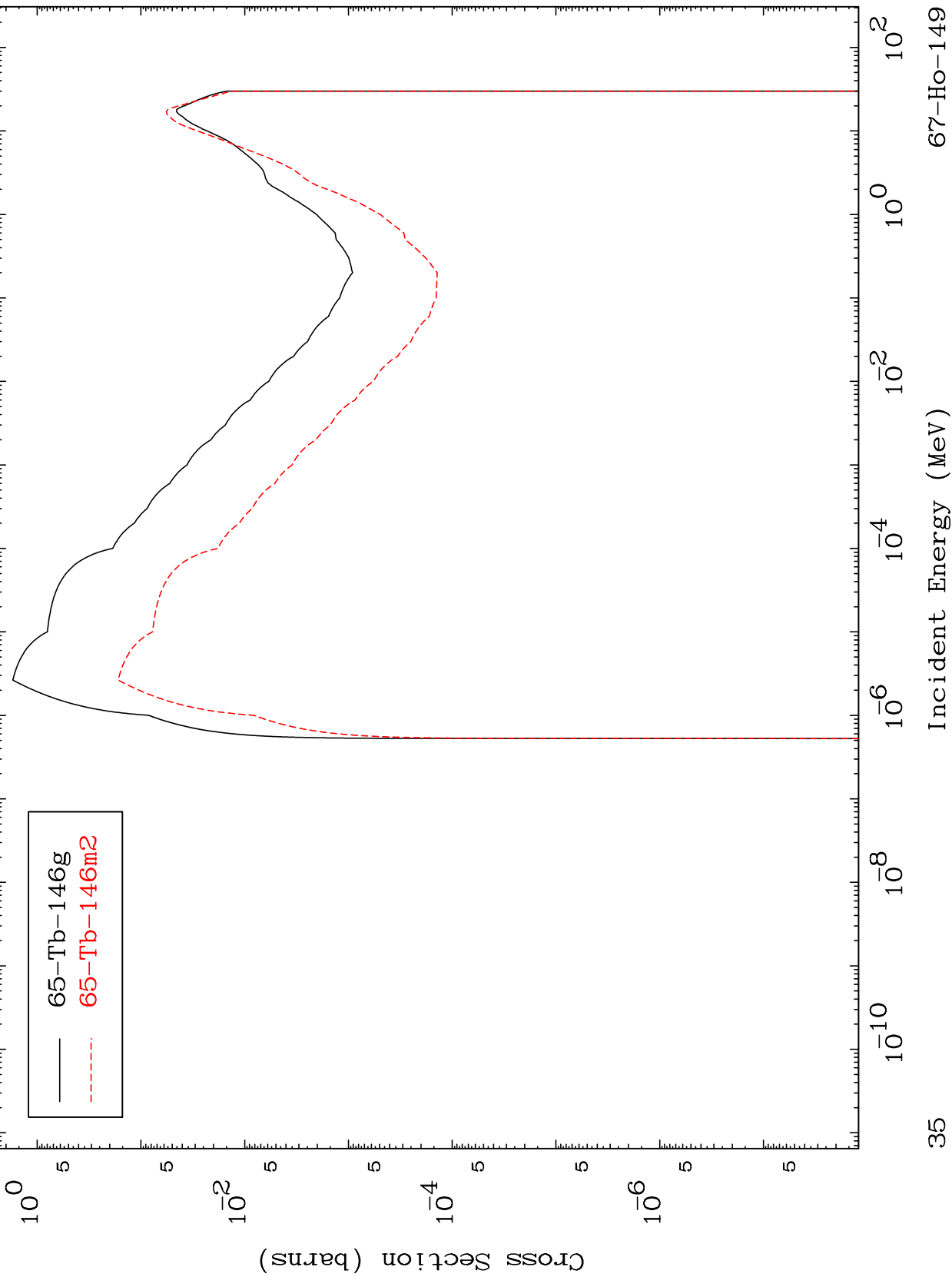
Incident Energy (MeV)

67-Ho-149

MAT 6678

67-Ho-149

(n, α)
Radionuclide Production Cross Section

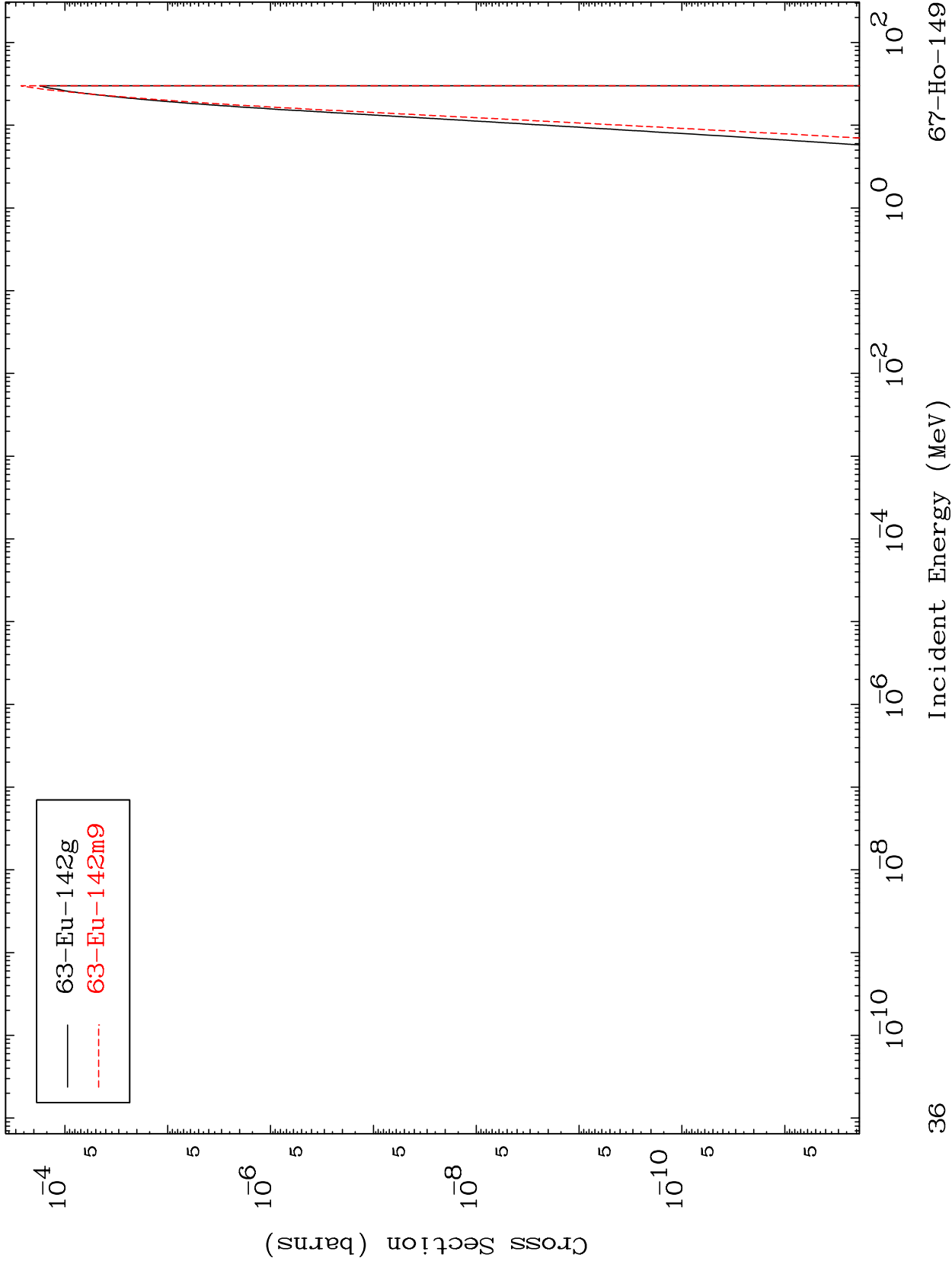


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(n,2α)

67-Ho-149

Radionuclide Production Cross Section

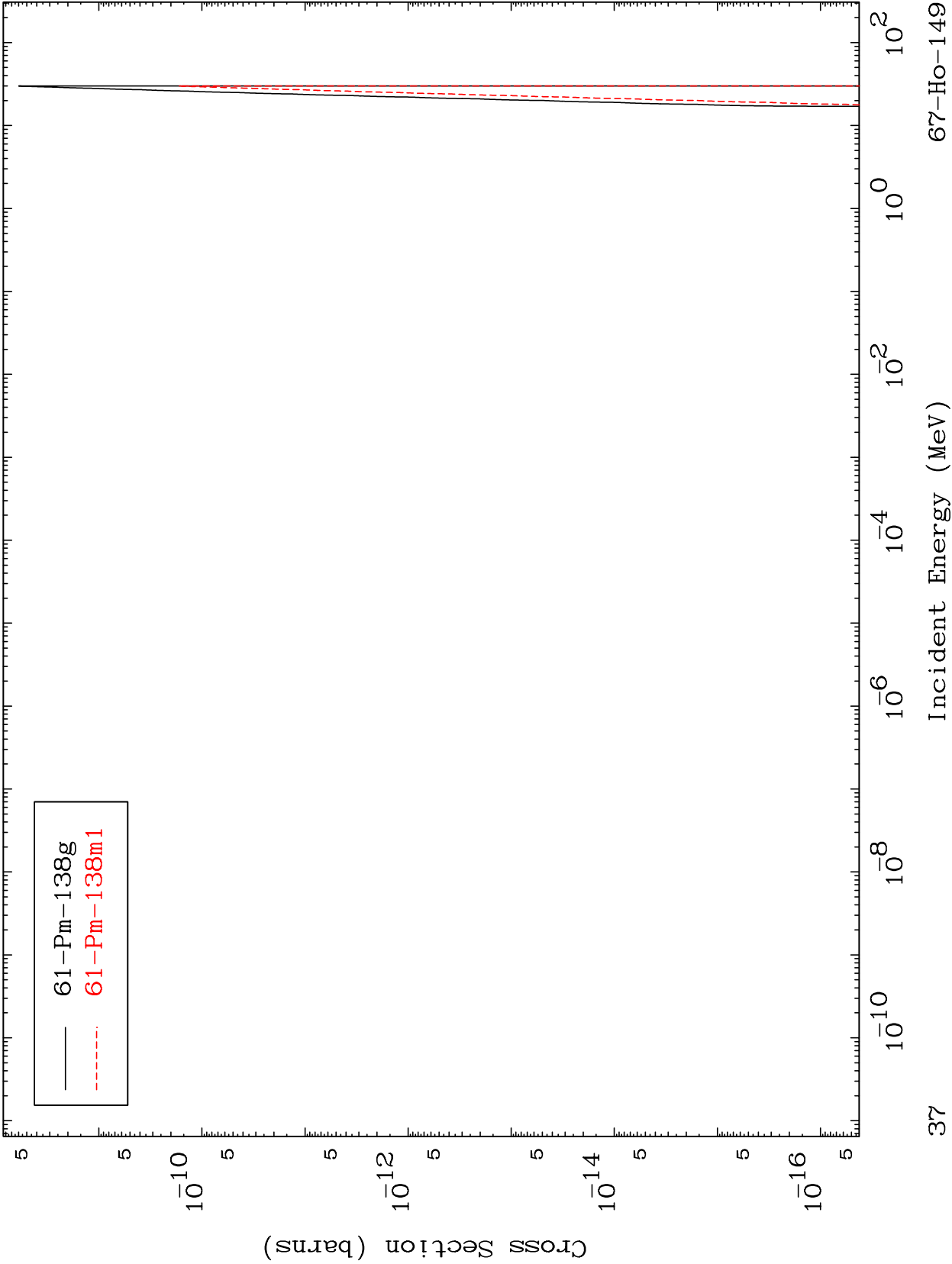


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(n, 3α)

67-Ho-149

Radionuclide Production Cross Section

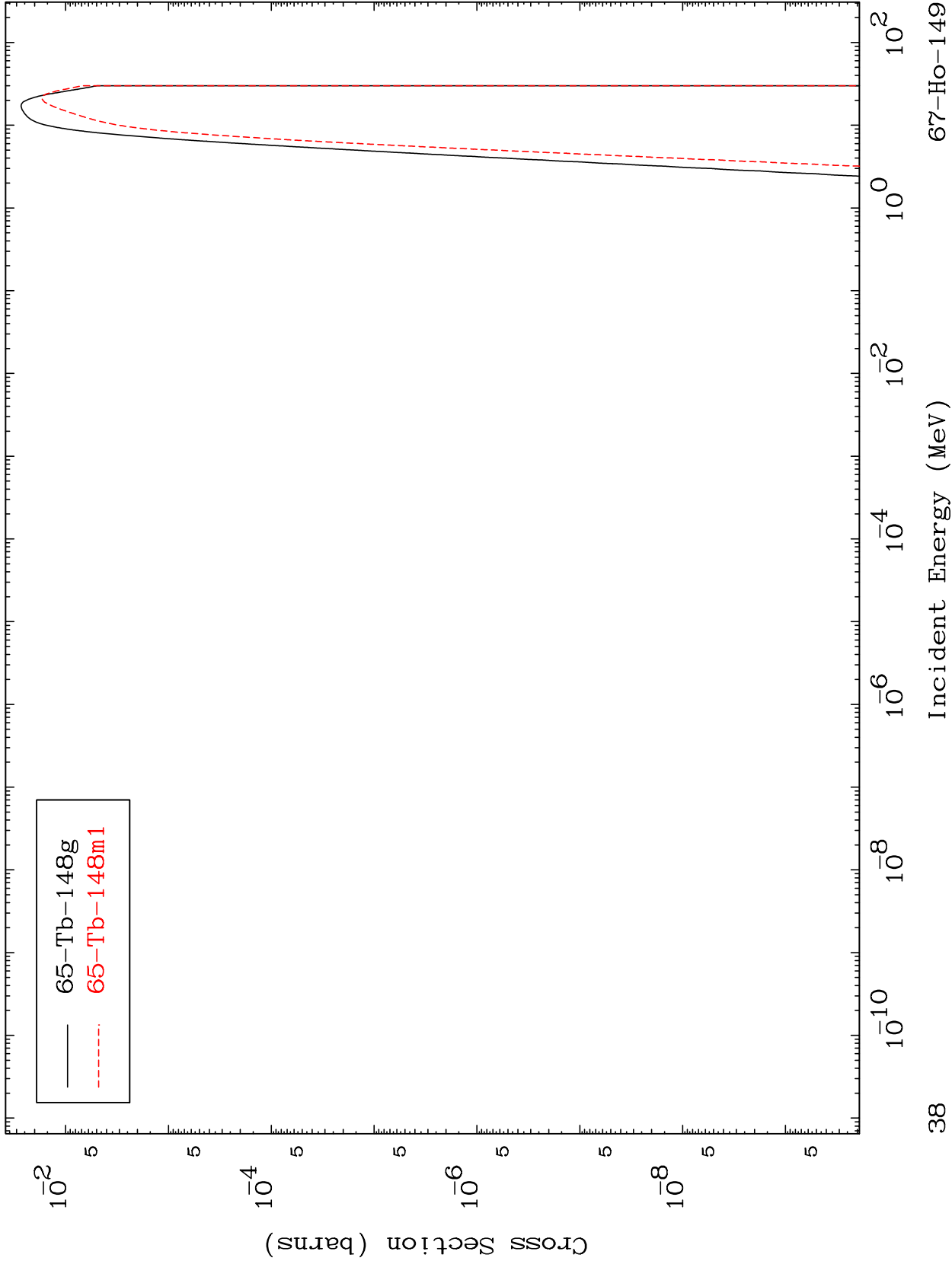


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(n,2p)

67-Ho-149

Radionuclide Production Cross Section

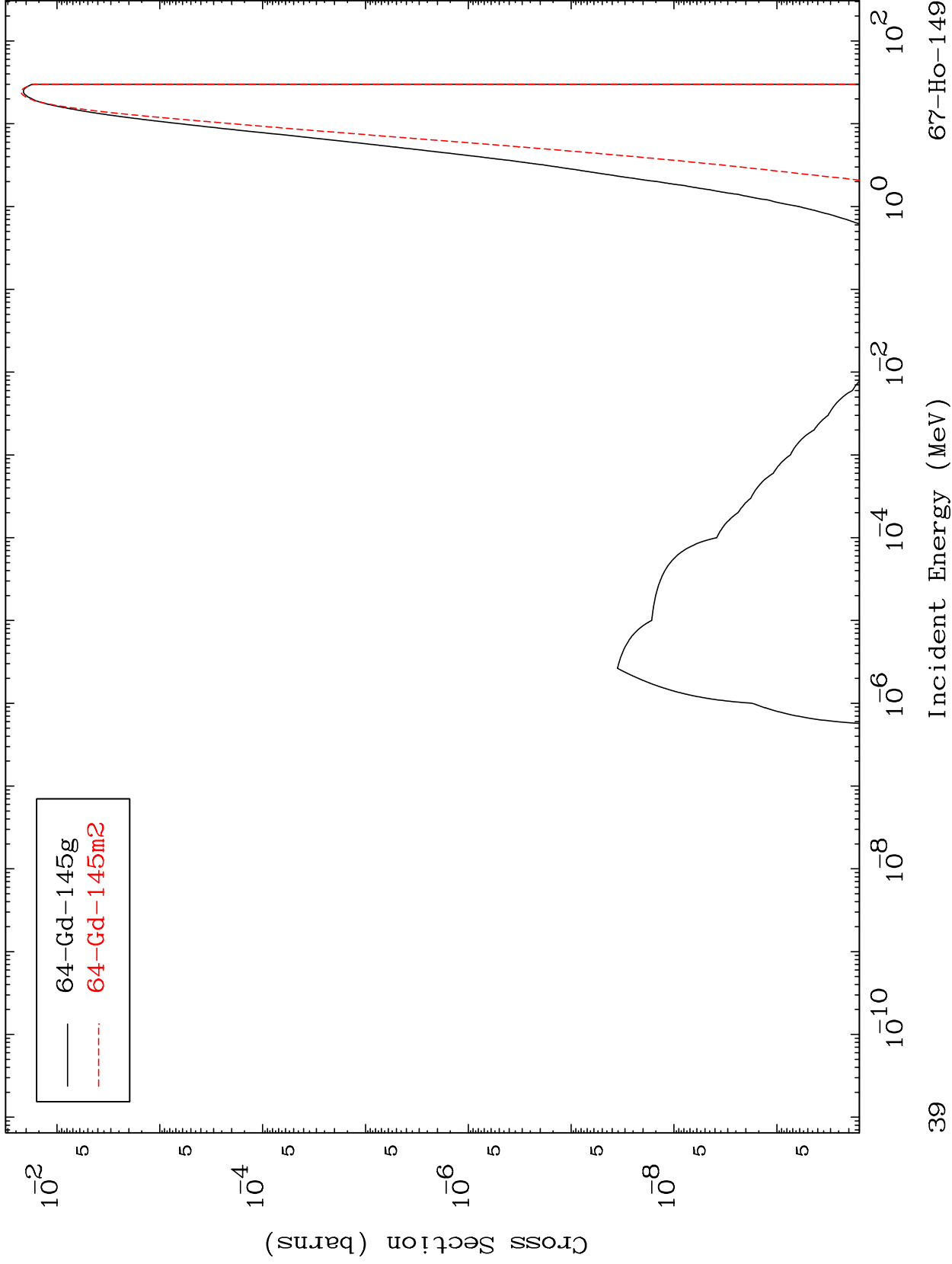


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(n,p) α

$^{67}\text{Ho-149}$

Radionuclide Production Cross Section



39

Incident Energy (MeV)

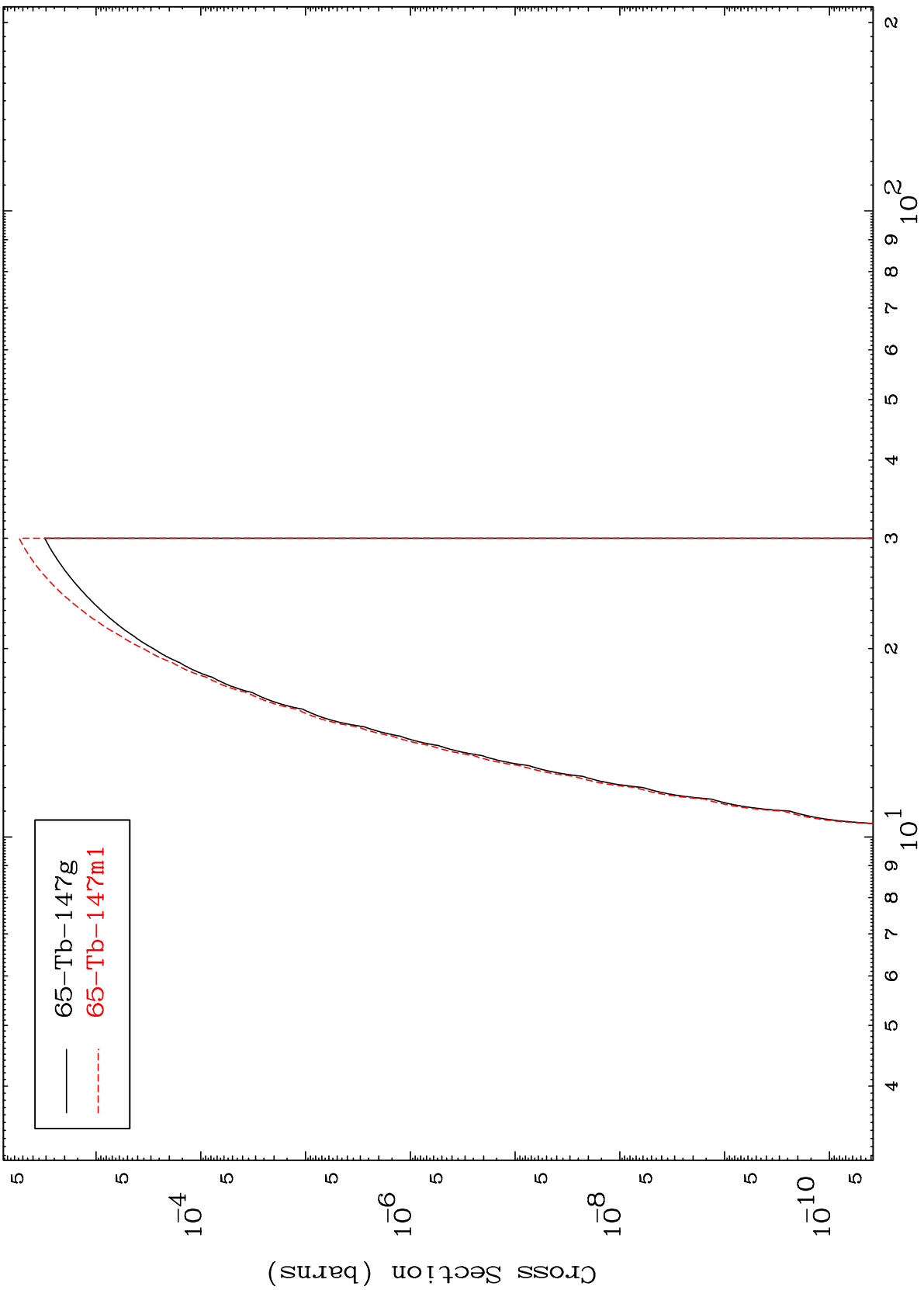
$^{67}\text{Ho-149}$

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(n,p) d

67-Ho-149

Radionuclide Production Cross Section



40

Incident Energy (MeV)

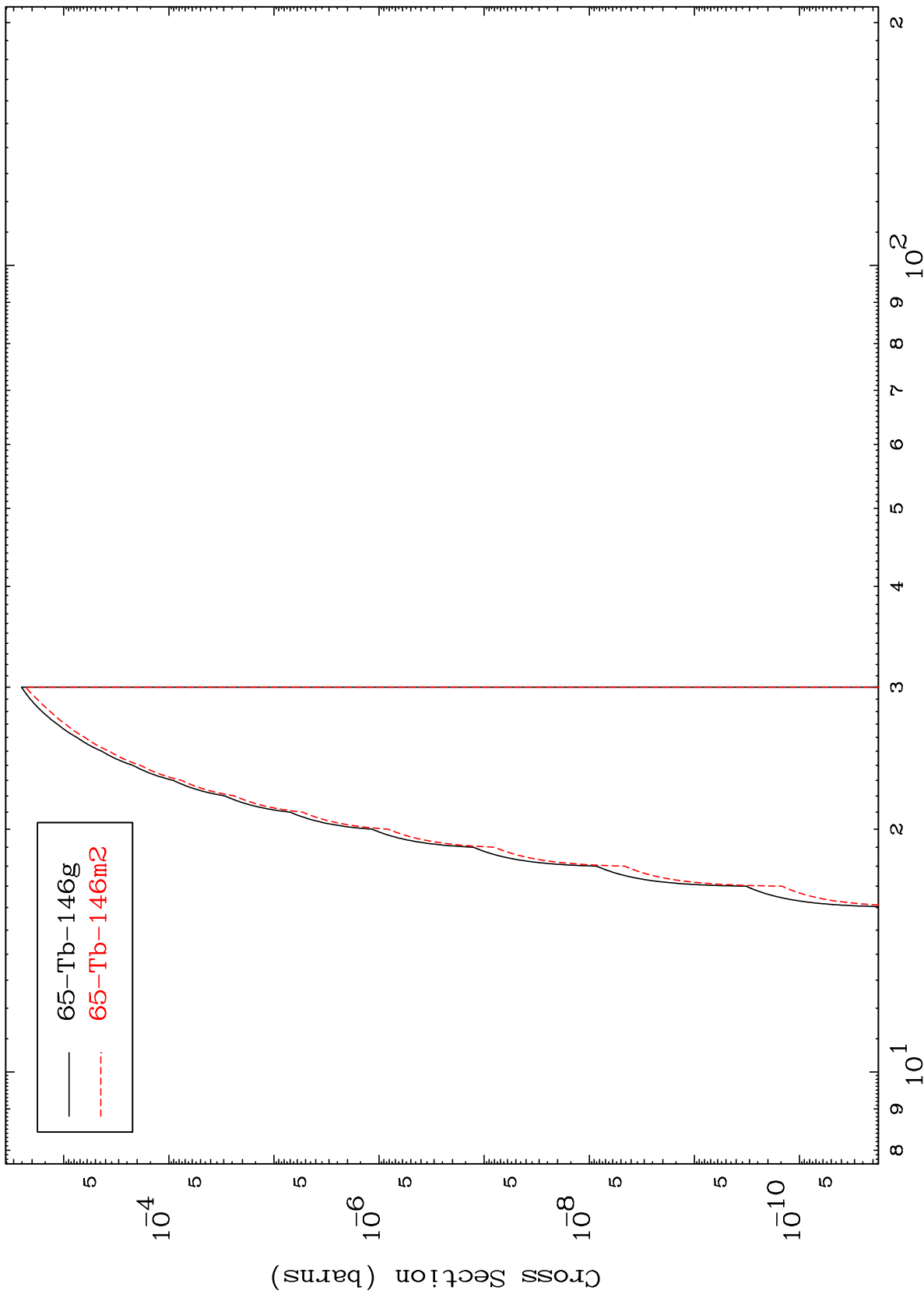
67-Ho-149

MAT 6678

(n,p) t

67-Ho-149

Radionuclide Production Cross Section



41

Incident Energy (MeV)

67-Ho-149