

Program EVALPLOT  
(Version 2015-2)

by

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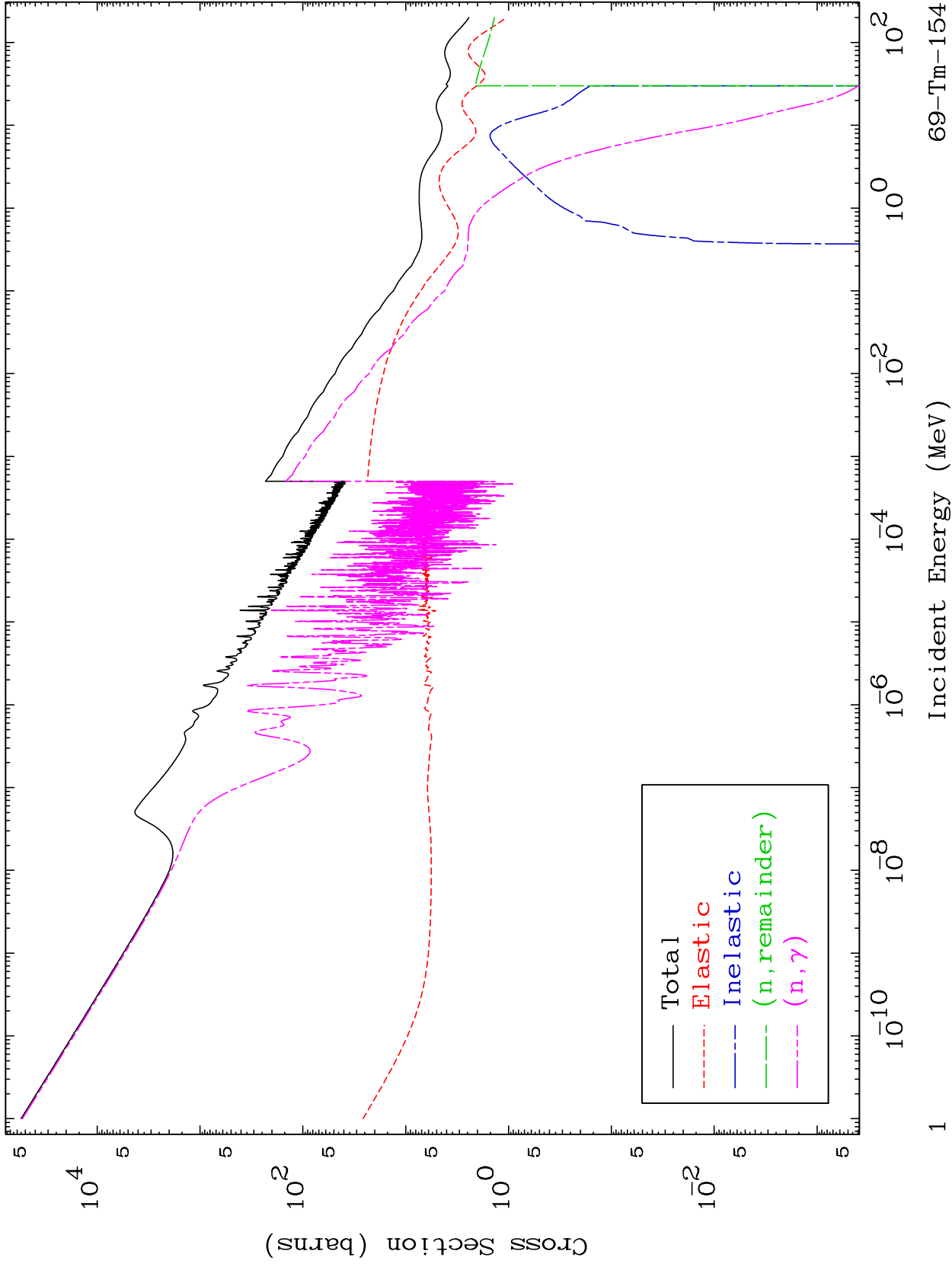
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

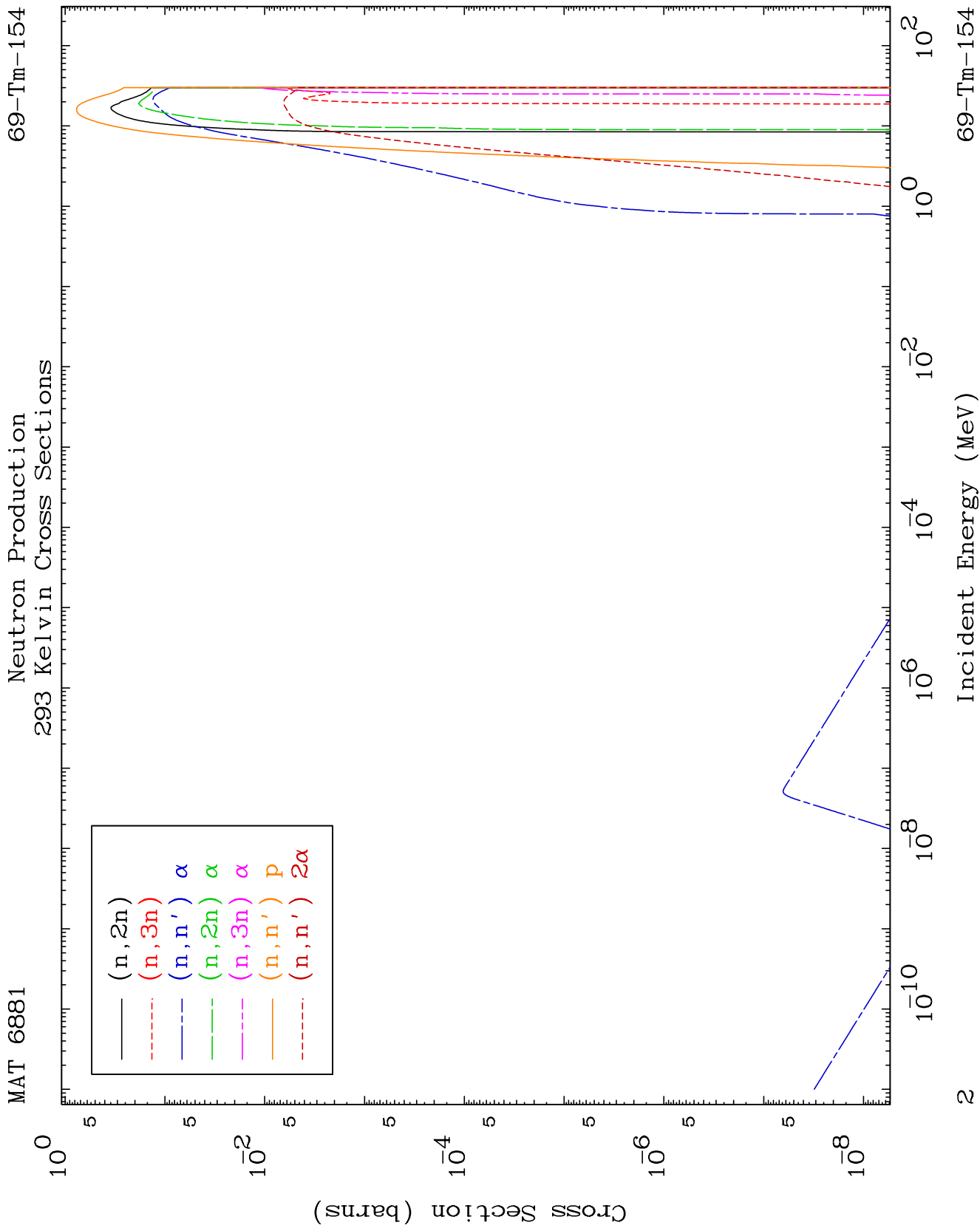
Press Mouse Button to Start

MAT 6881

Major  
293 Kelvin Cross Sections

69-Tm-154

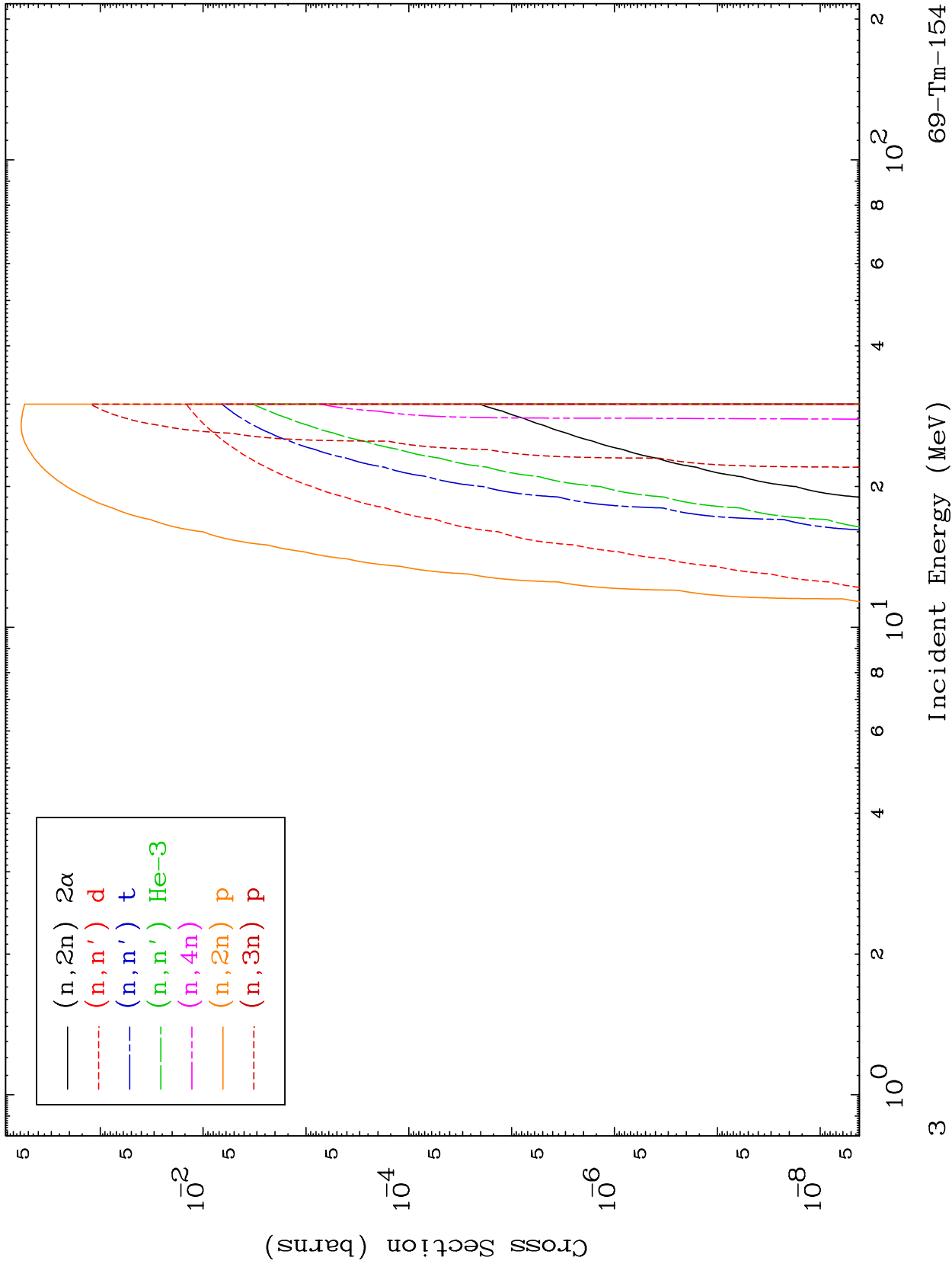




MAT 6881

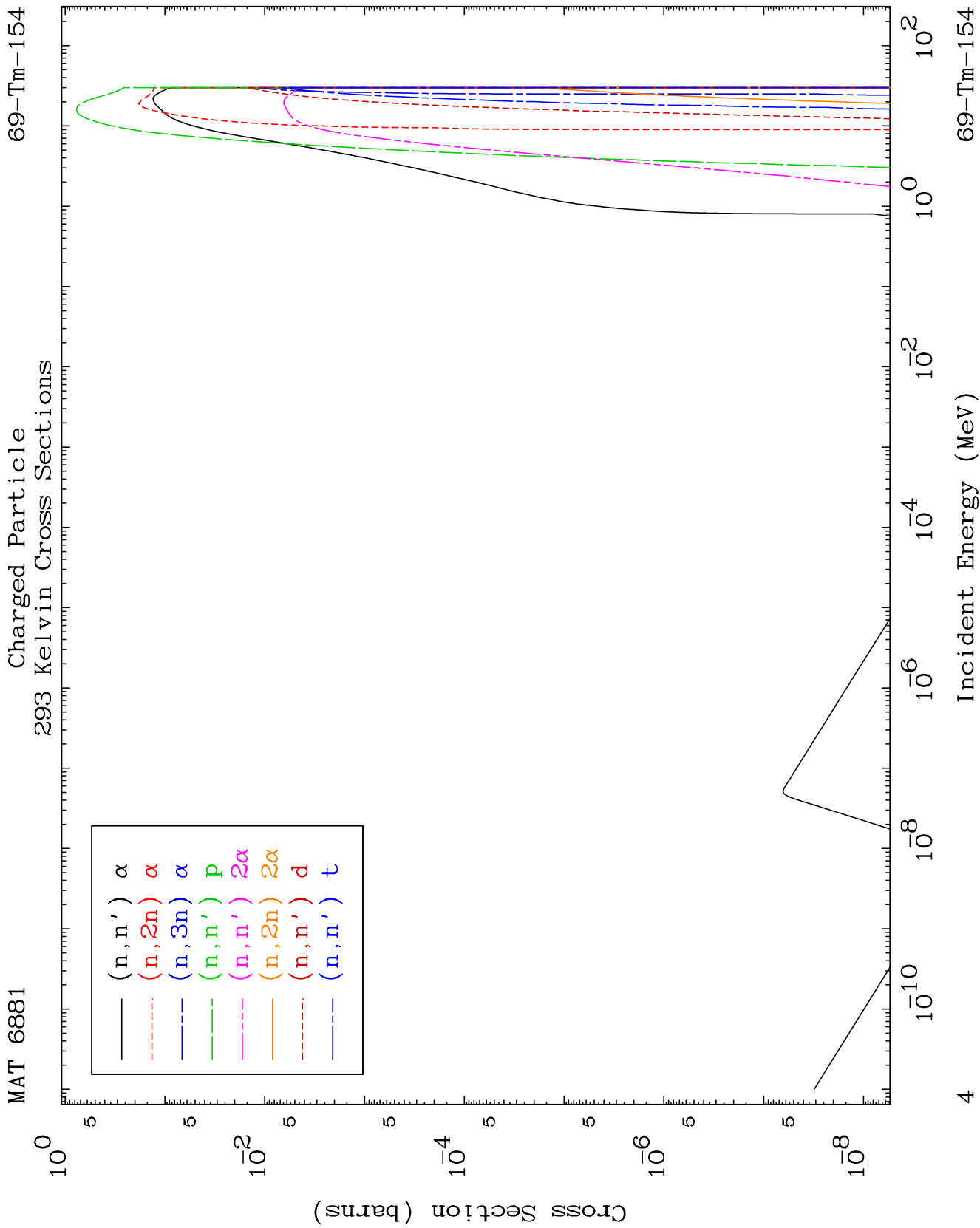
Neutron Production  
293 Kelvin Cross Sections

69-Tm-154



3

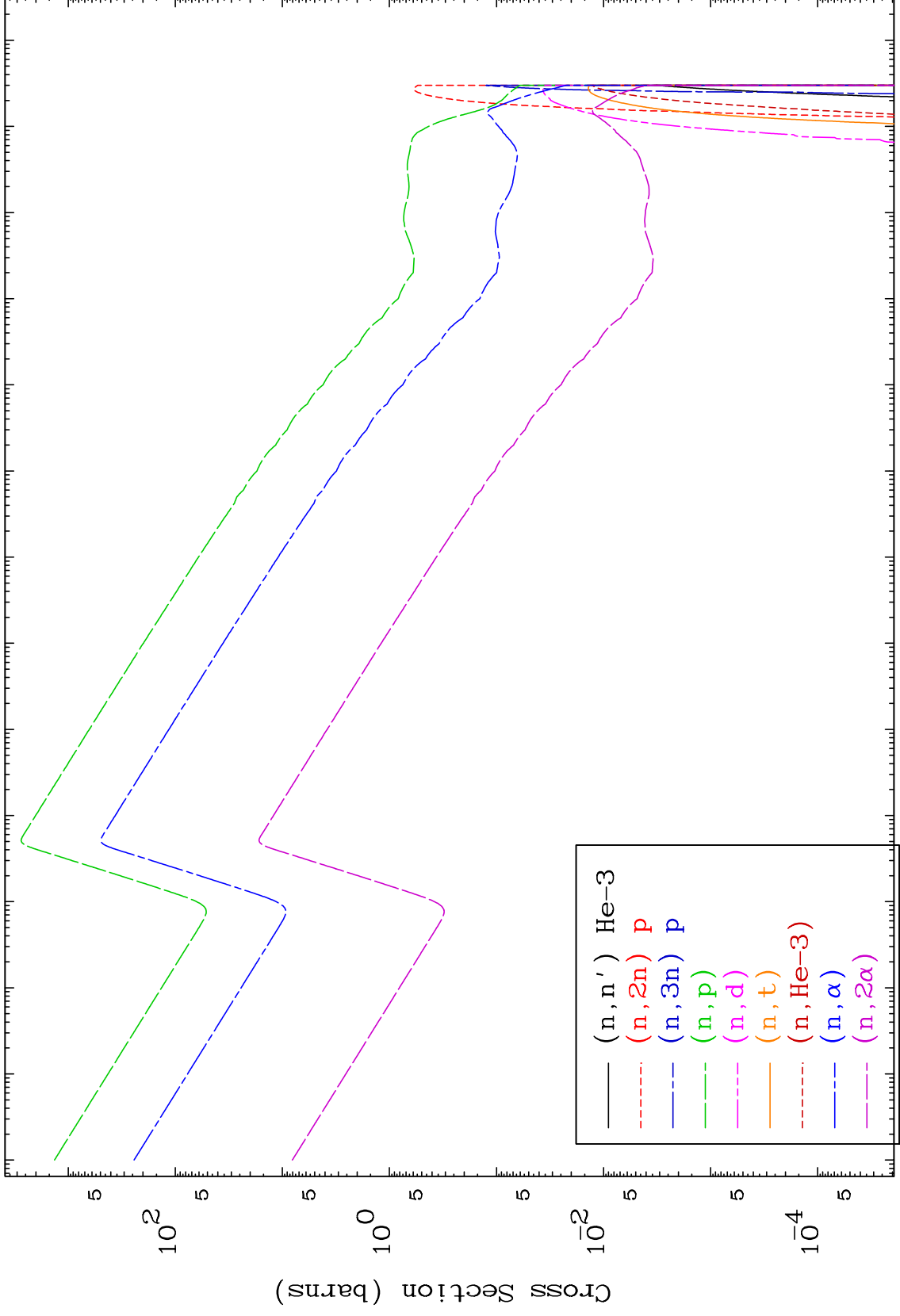
69-Tm-154



MAT 6881

Charged Particle  
293 Kelvin Cross Sections

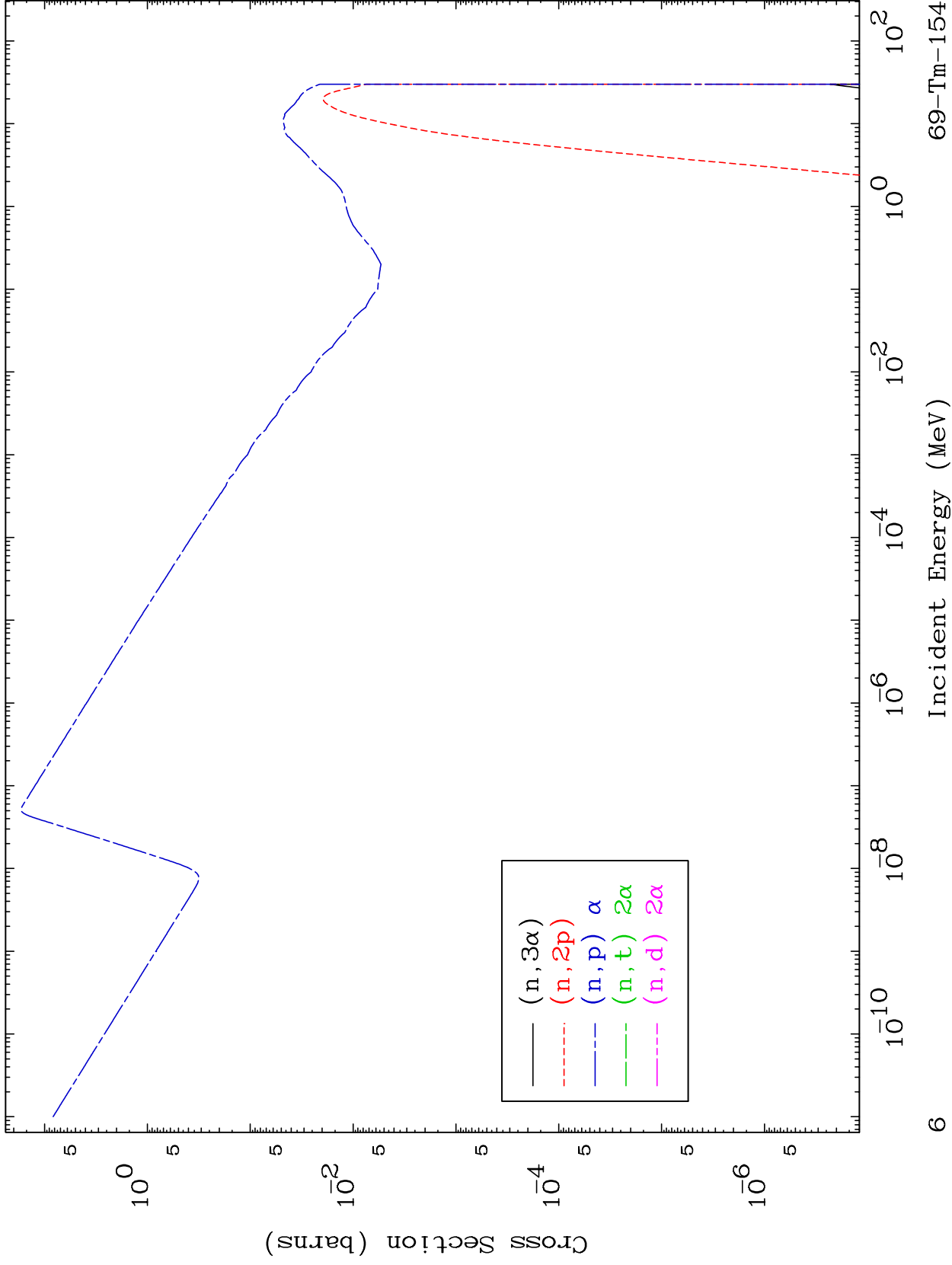
69-Tm-154



MAT 6881

Charged Particle  
293 Kelvin Cross Sections

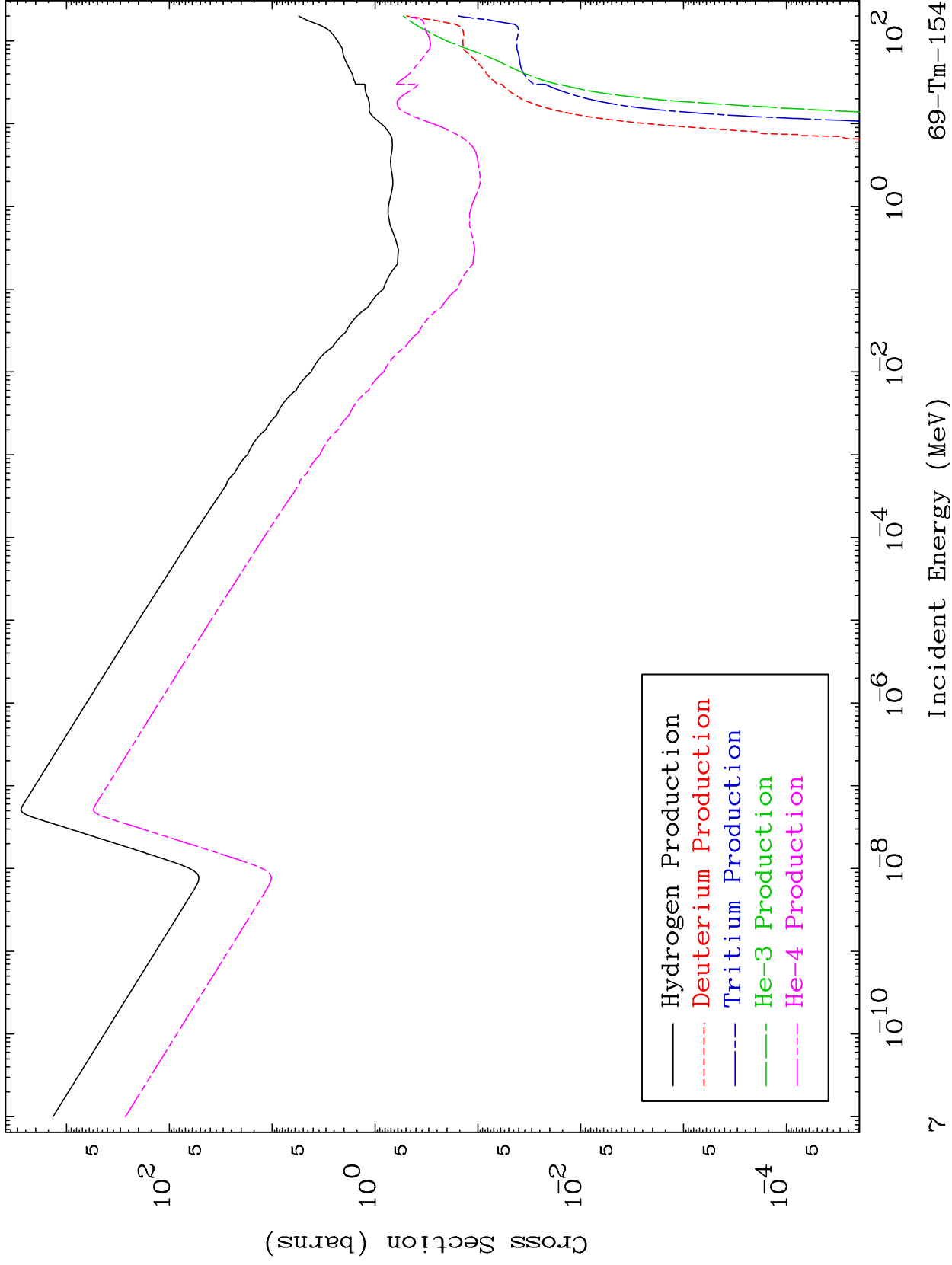
69-Tm-154



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Particle Production  
293 Kelvin Cross Sections

69-Tm-154

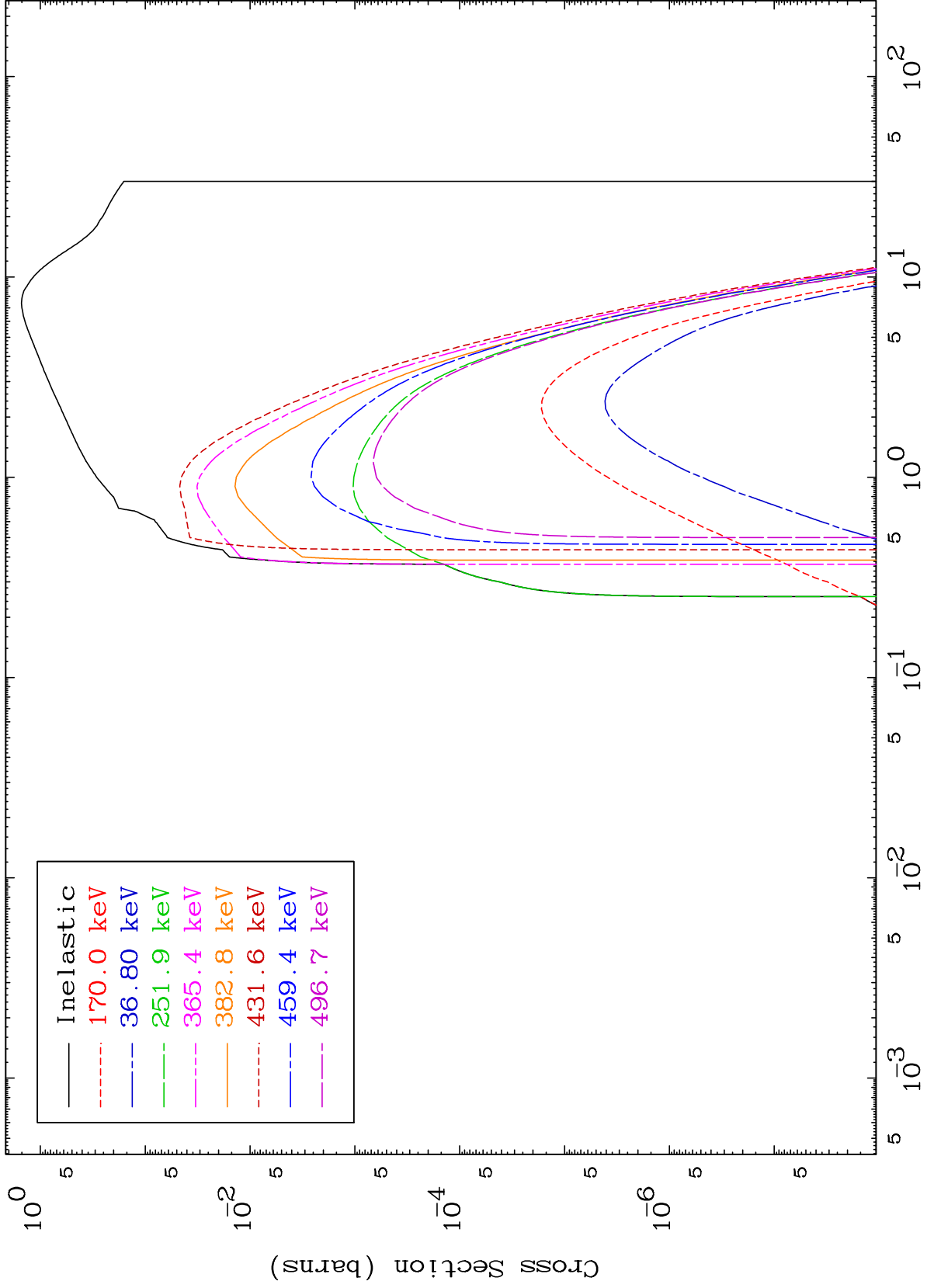




MAT 6881

(n,n') Level  
293 Kelvin Cross Sections

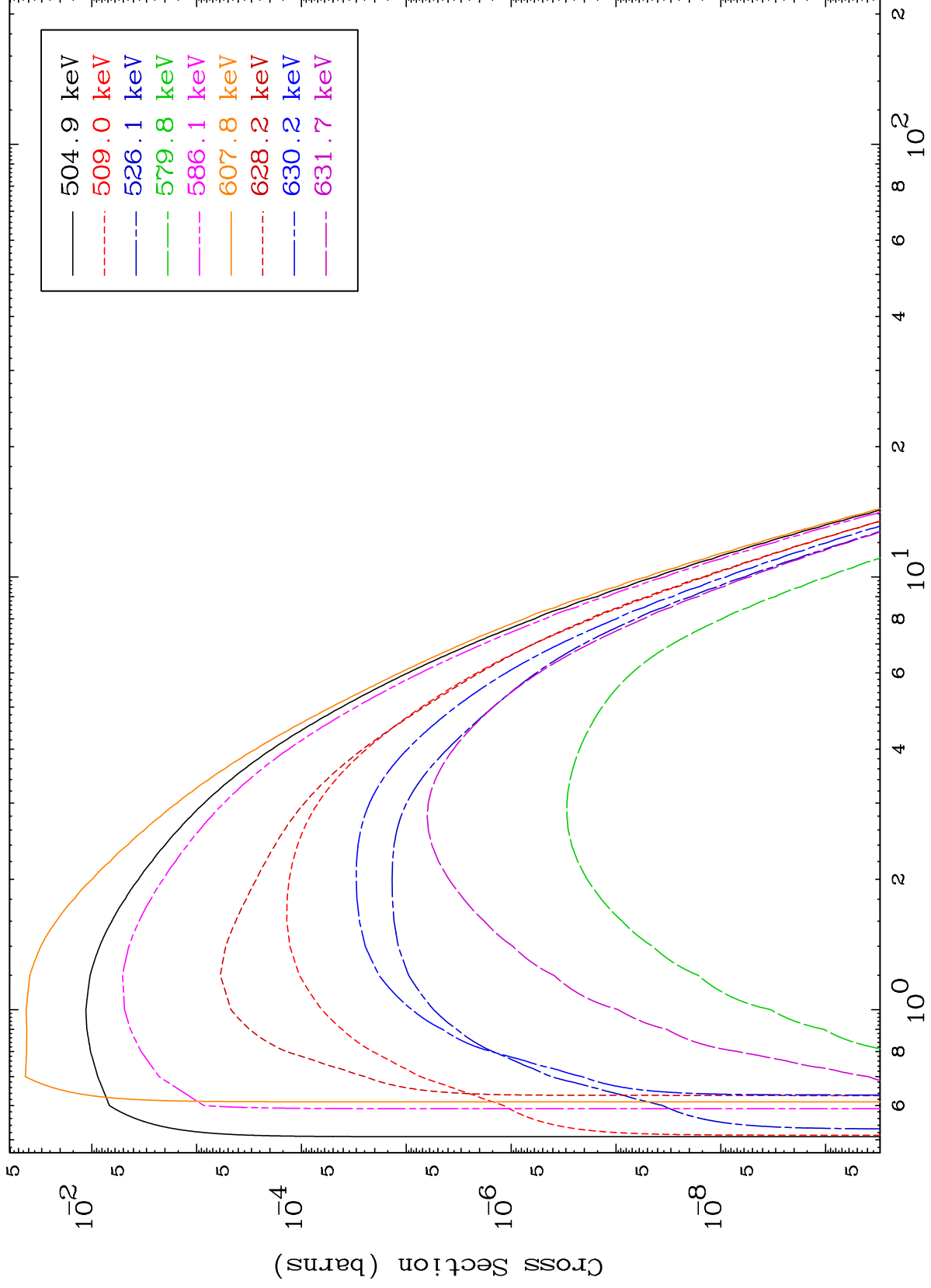
69-Tm-154



MAT 6881

(n,n') Level  
293 Kelvin Cross Sections

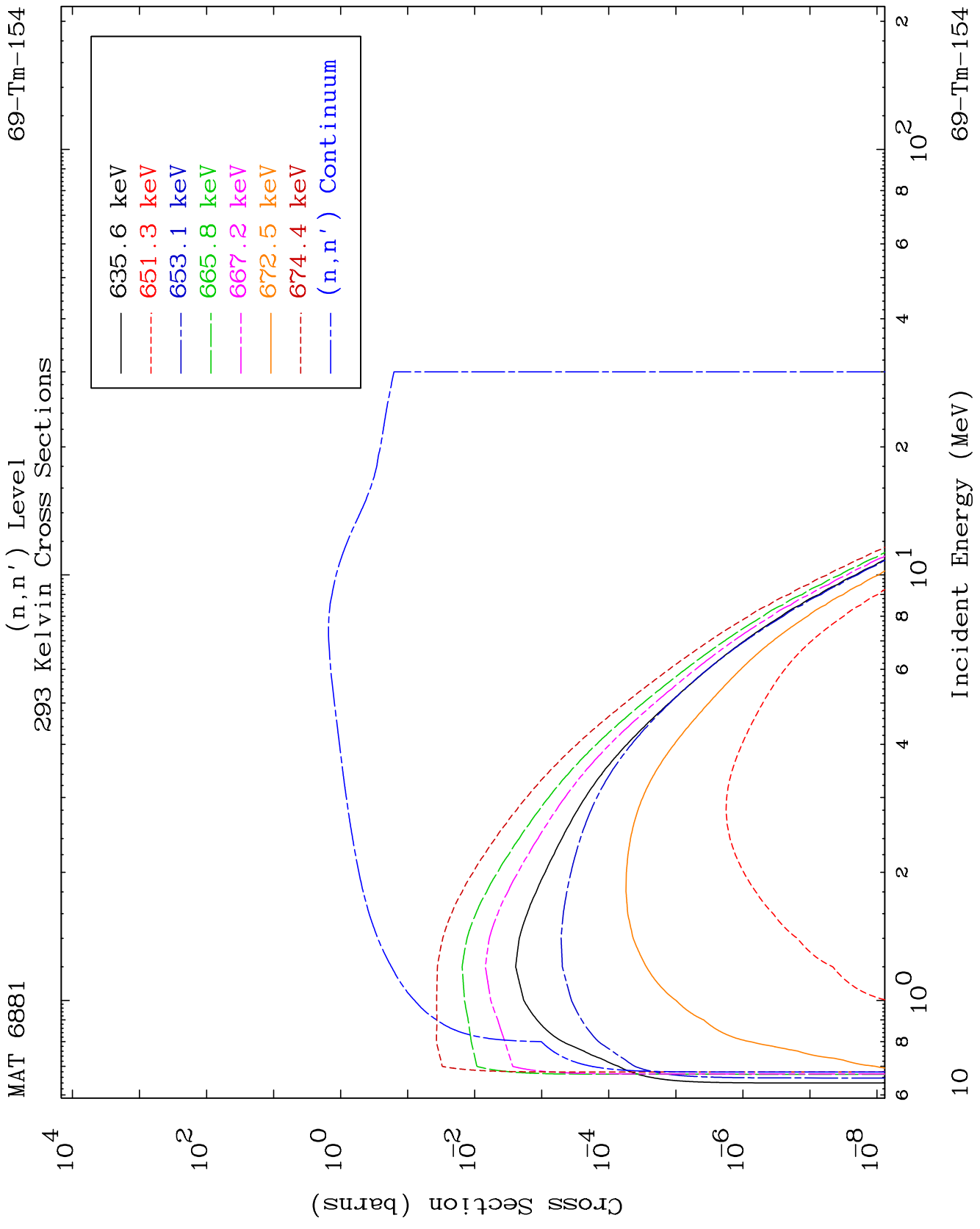
69-Tm-154



9

Incident Energy (MeV)

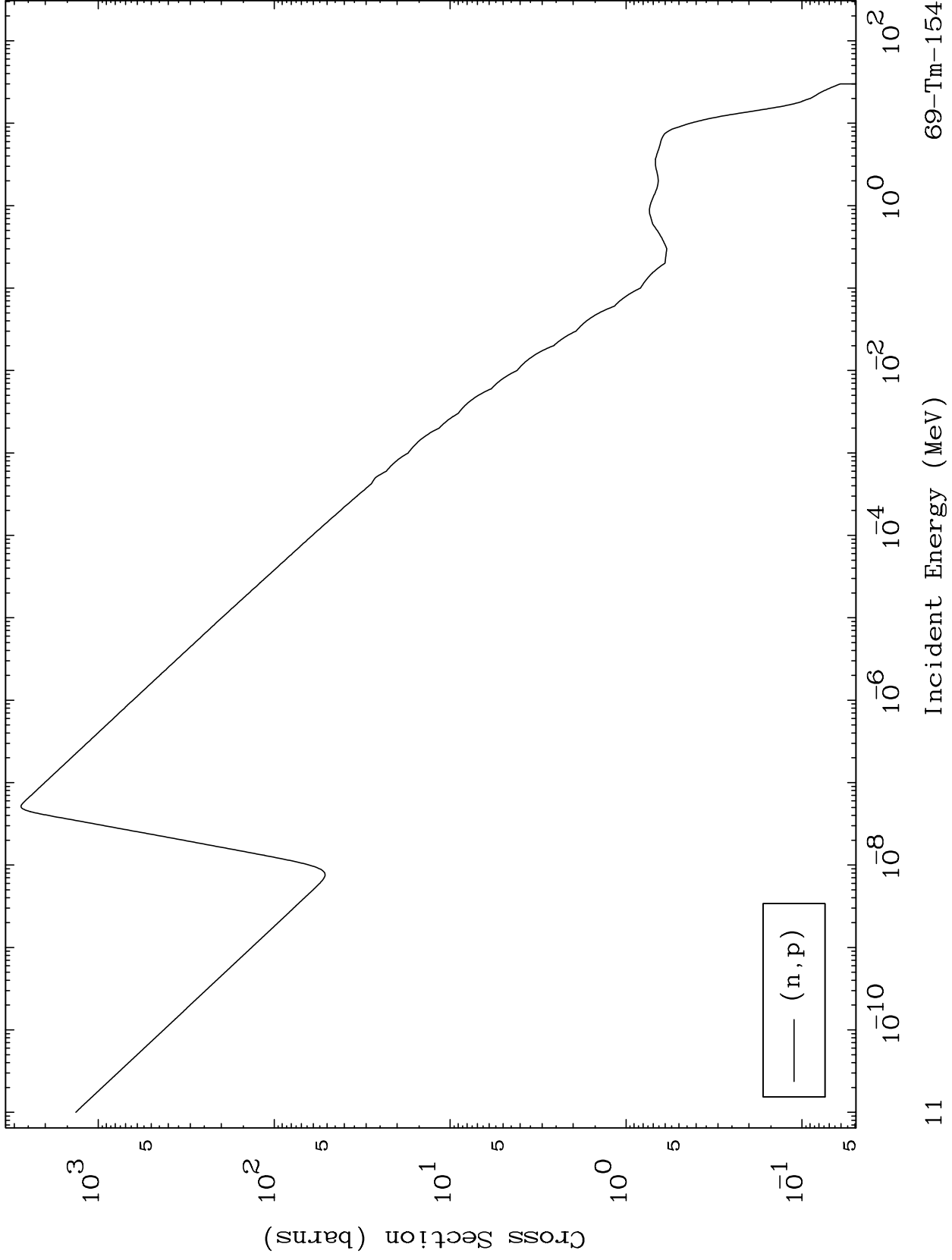
69-Tm-154



MAT 6881

(n,p) Levels  
293 Kelvin Cross Sections

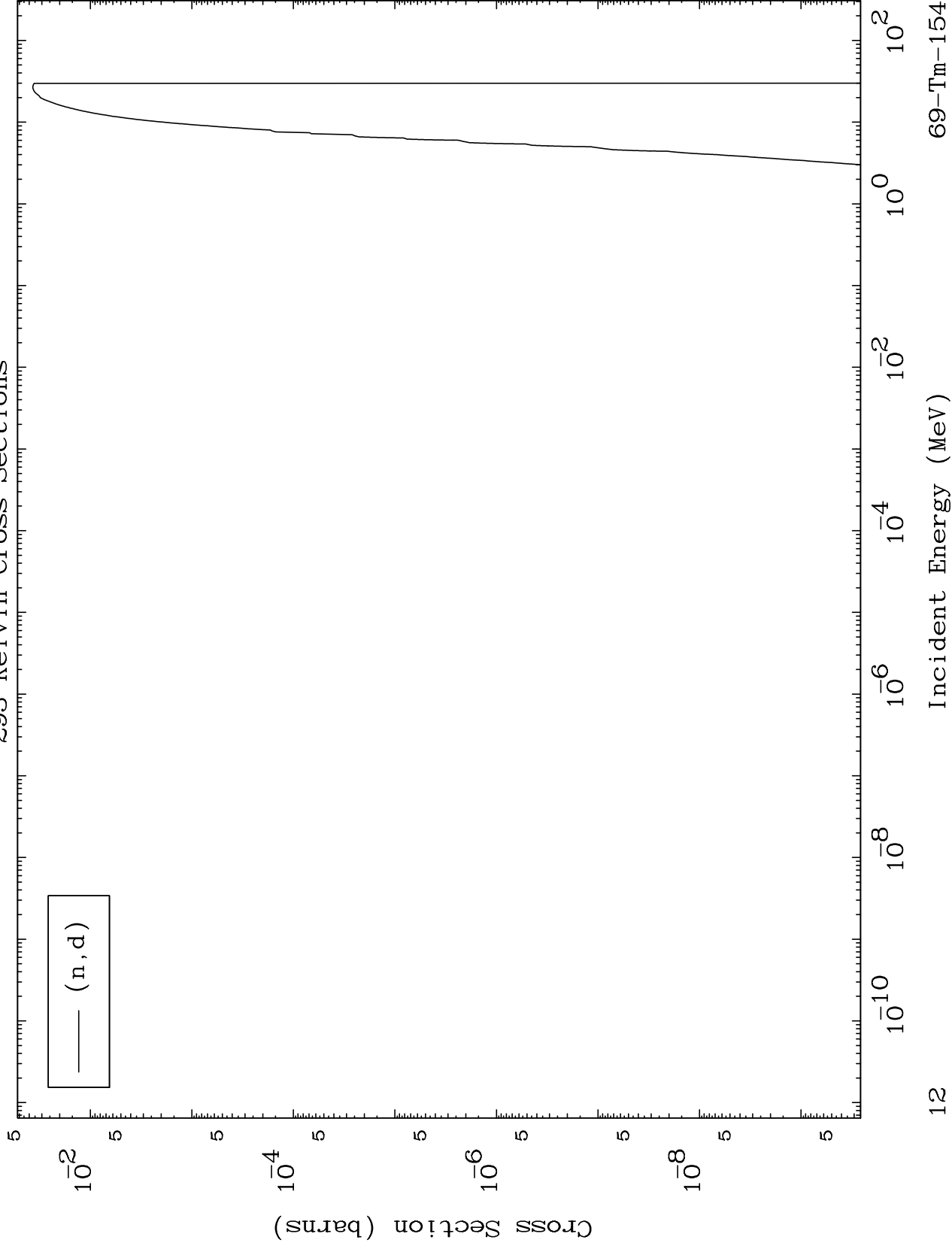
69-Tm-154



MAT 6881

(n,d) Levels  
293 Kelvin Cross Sections

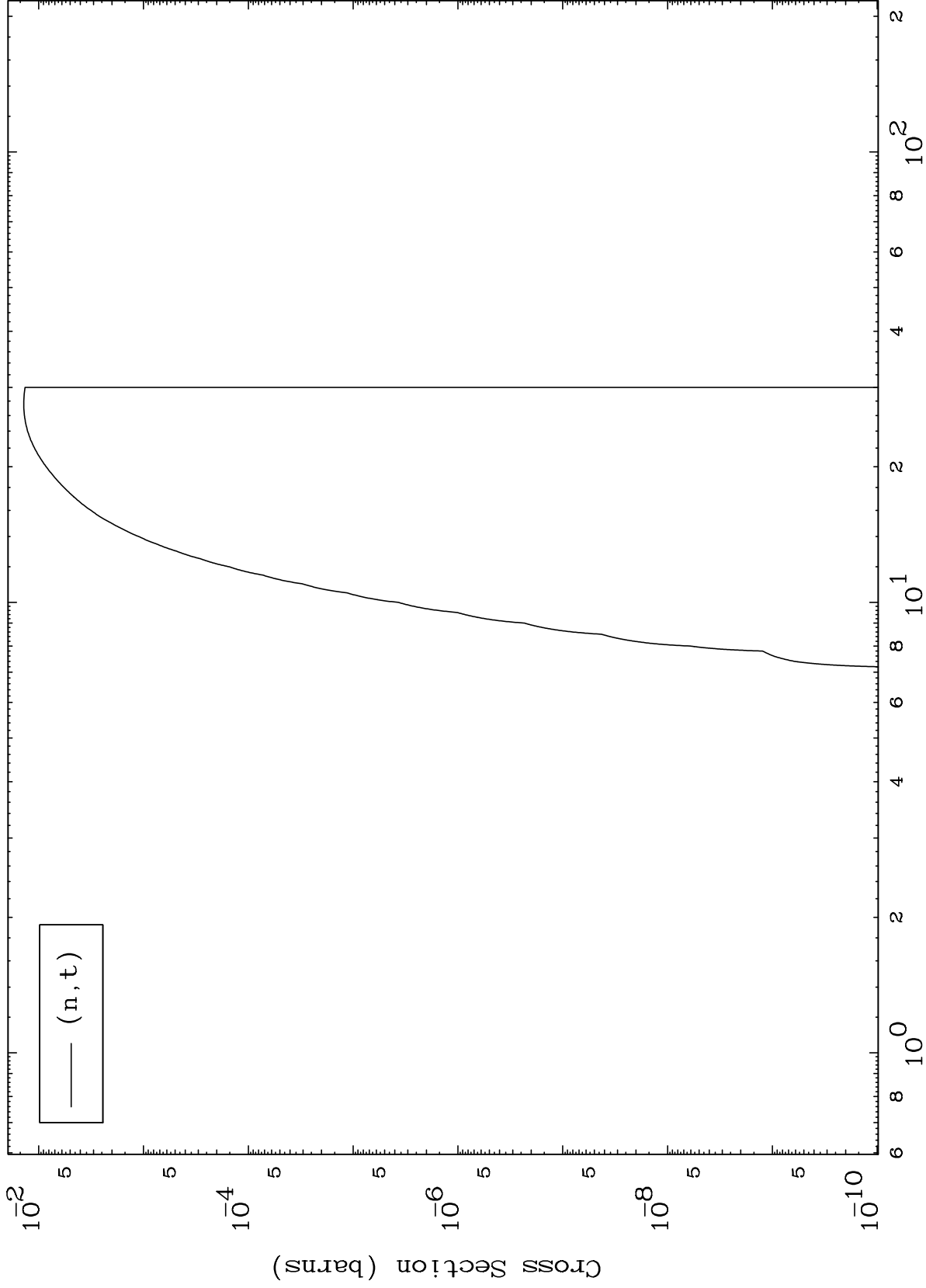
69-Tm-154



MAT 6881

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-154



13

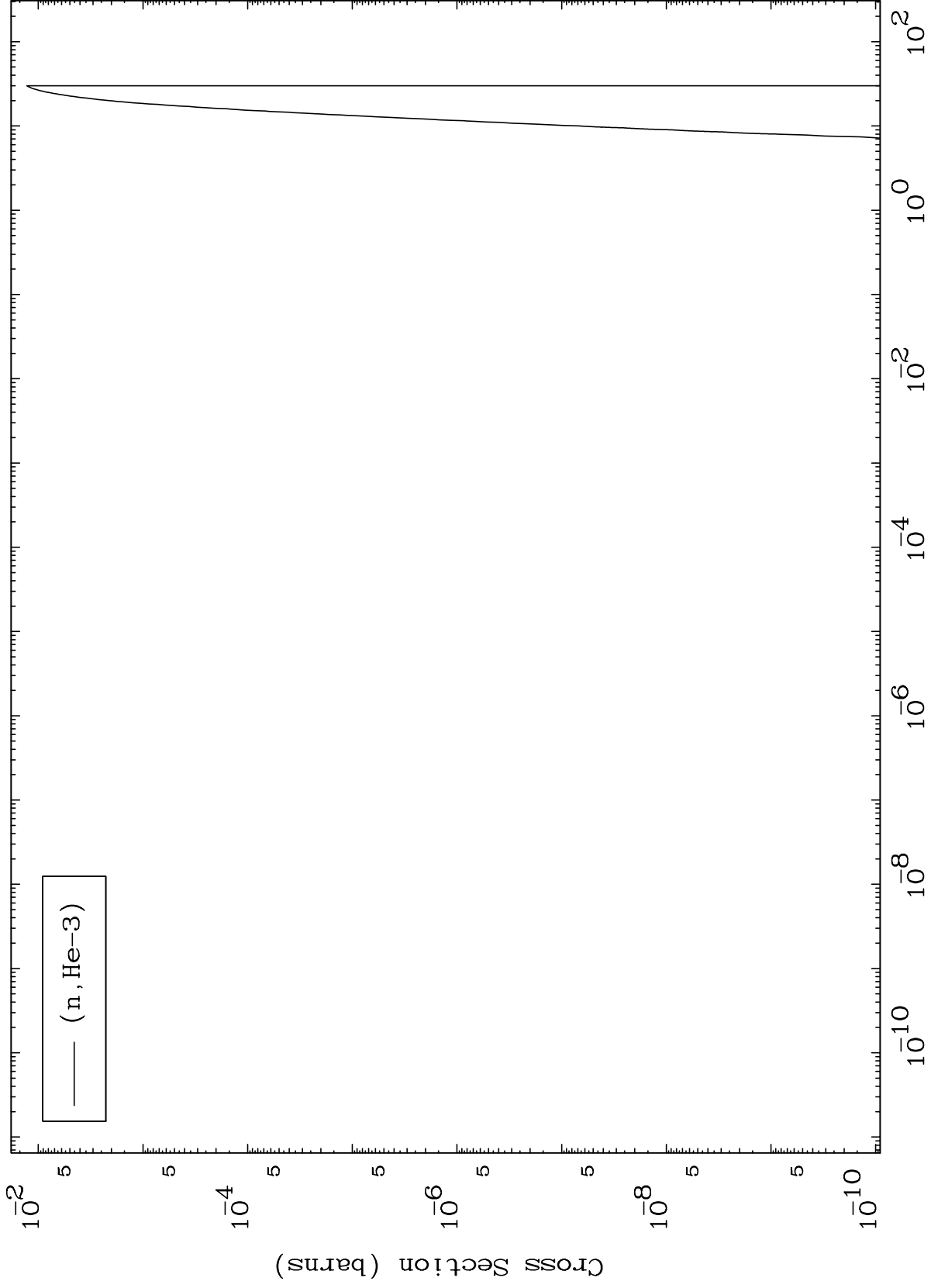
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,He3) Levels  
293 Kelvin Cross Sections

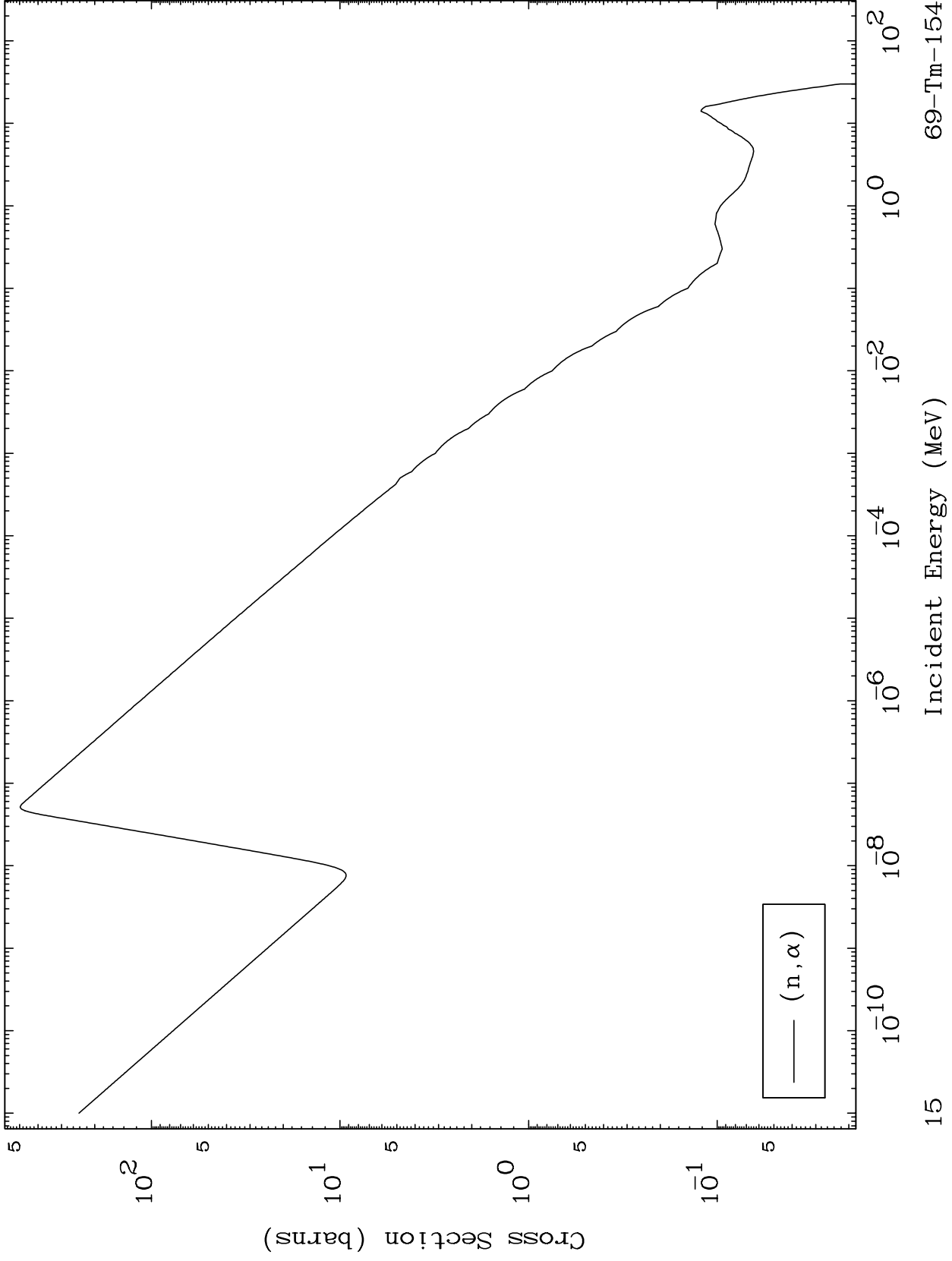
69-Tm-154



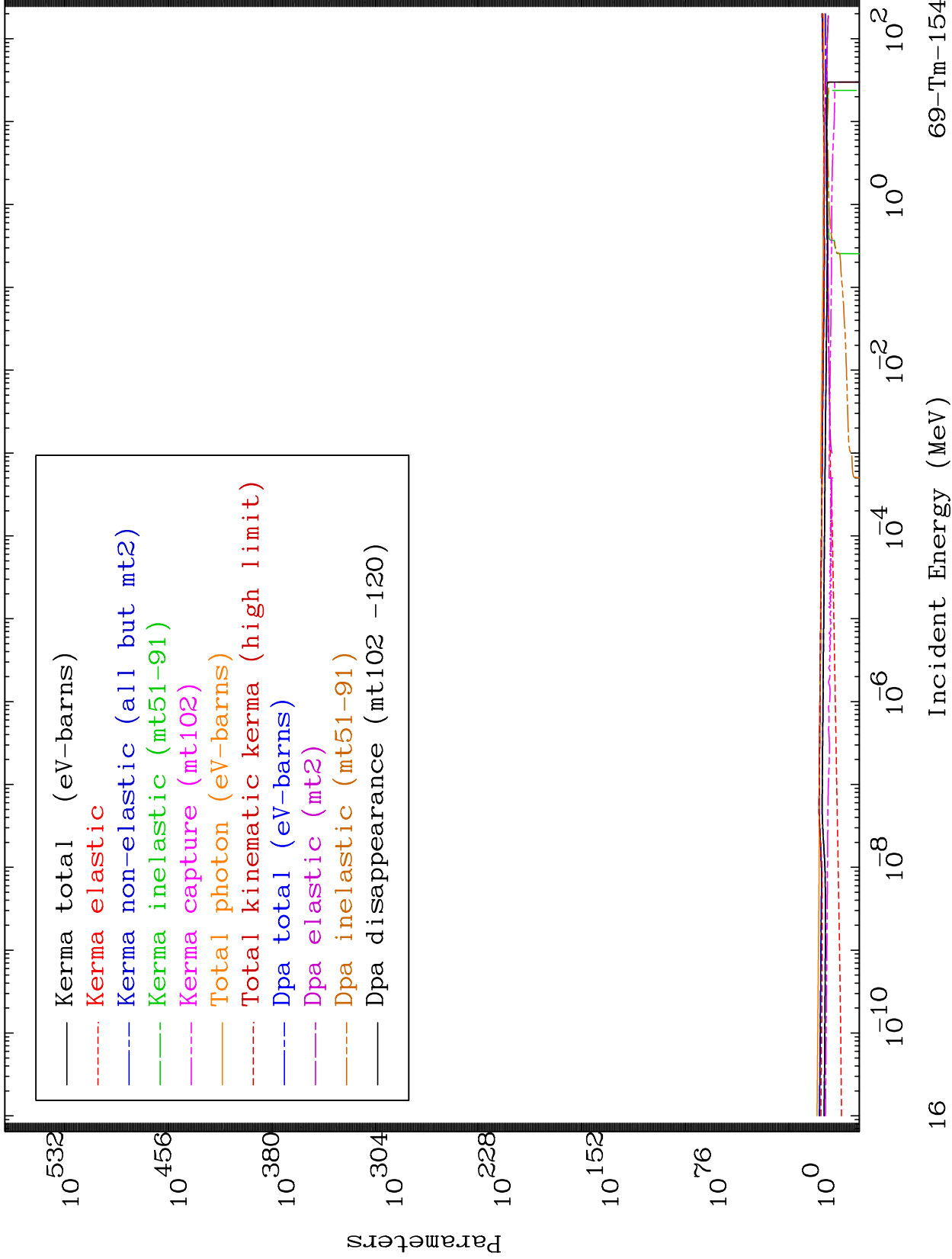
MAT 6881

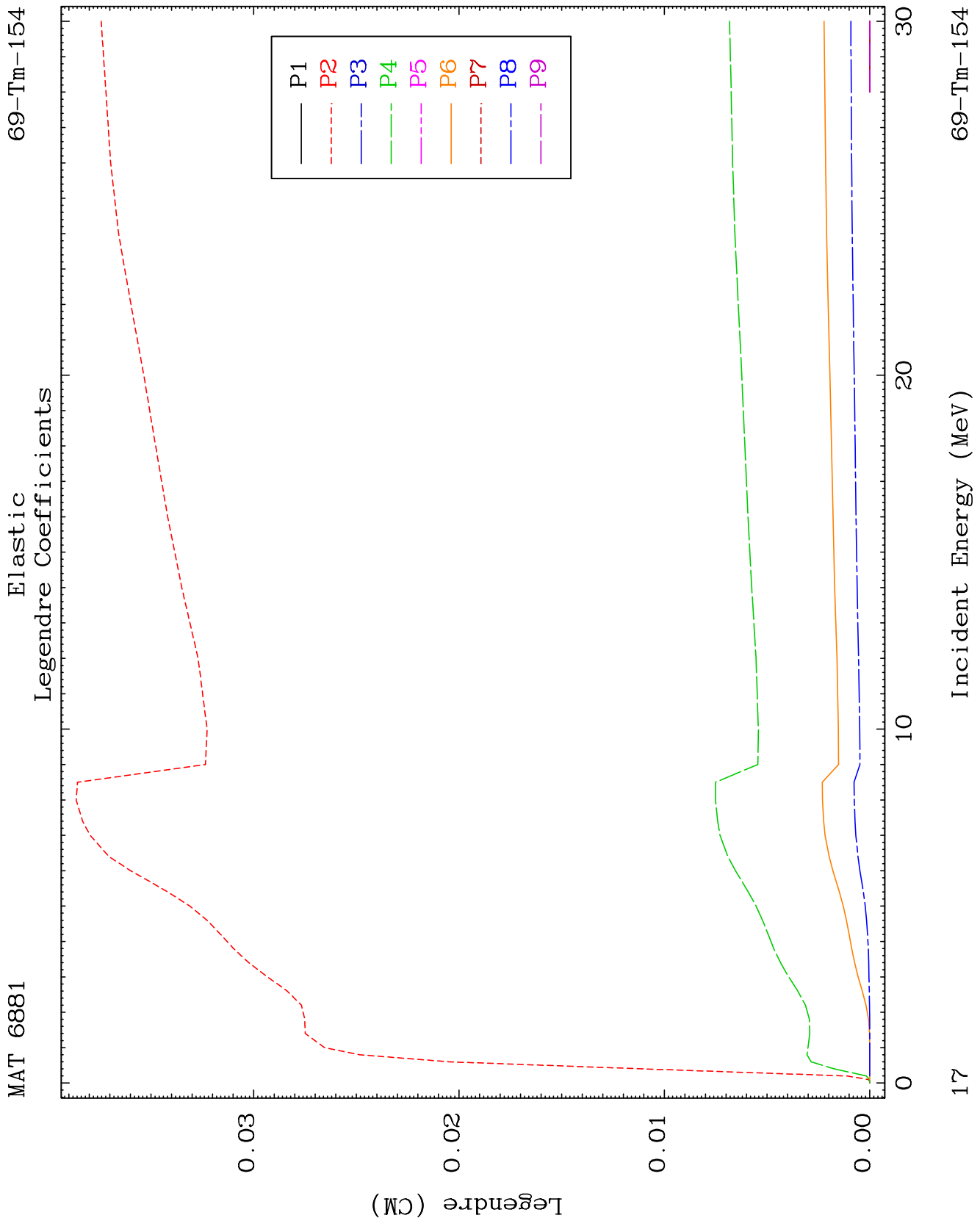
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

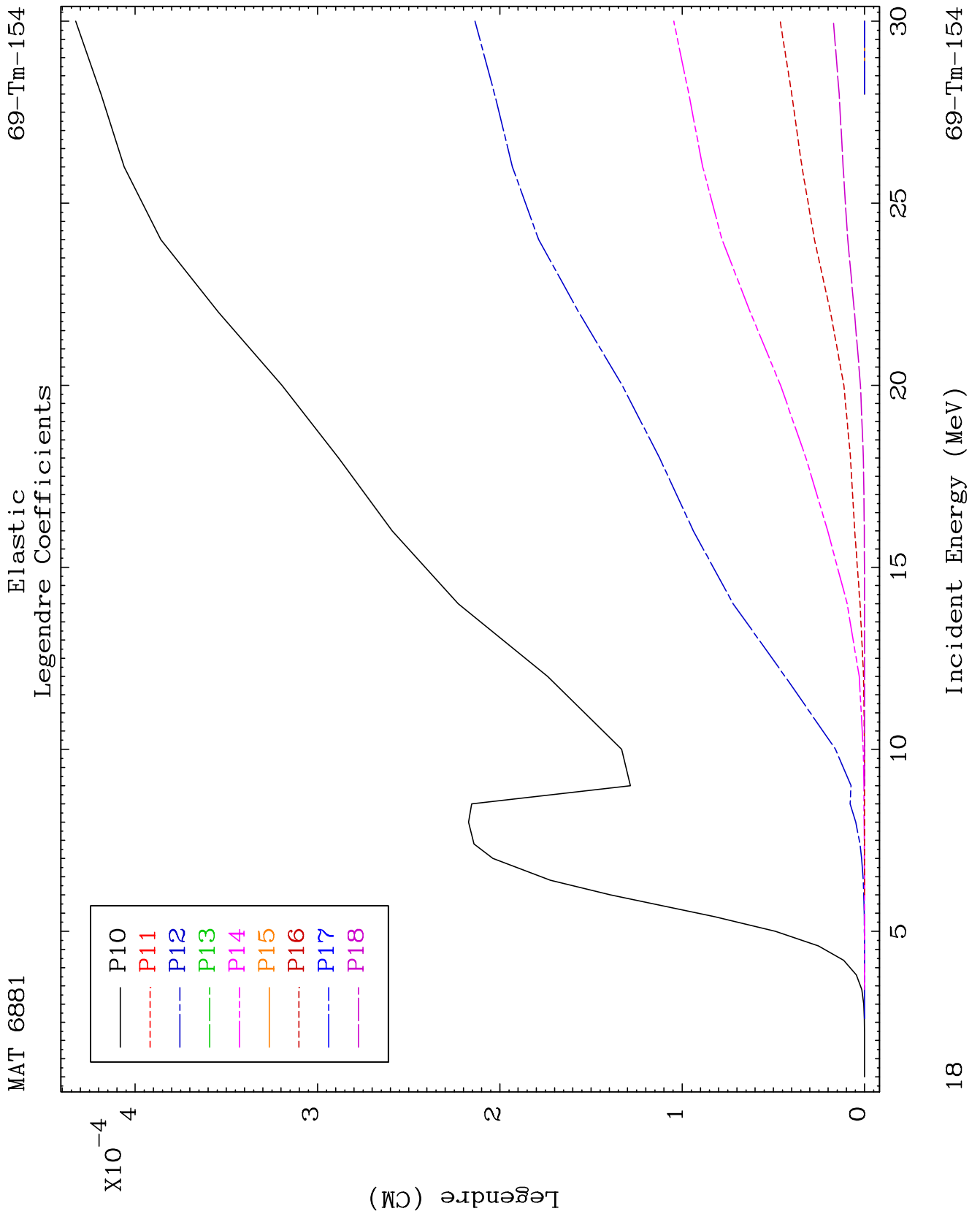
69-Tm-154







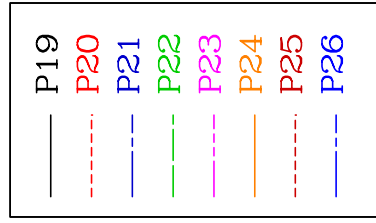




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Elastic  
Legendre Coefficients

69-Tm-154



$\times 10^{-6}$

Legendre (CM)



19

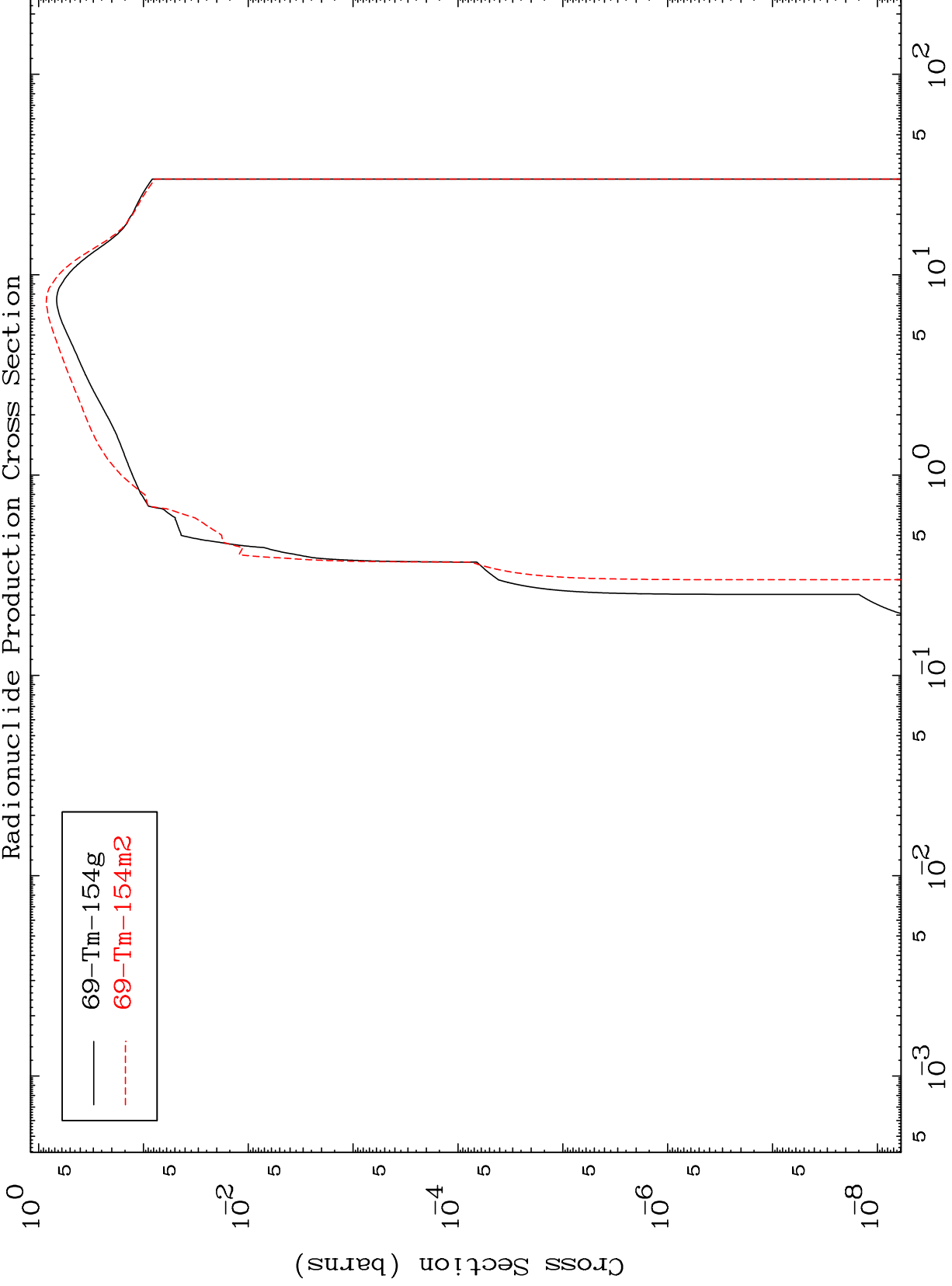
Incident Energy (MeV)

69-Tm-154

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69-Tm-154

Inelastic  
Radionuclide Production Cross Section

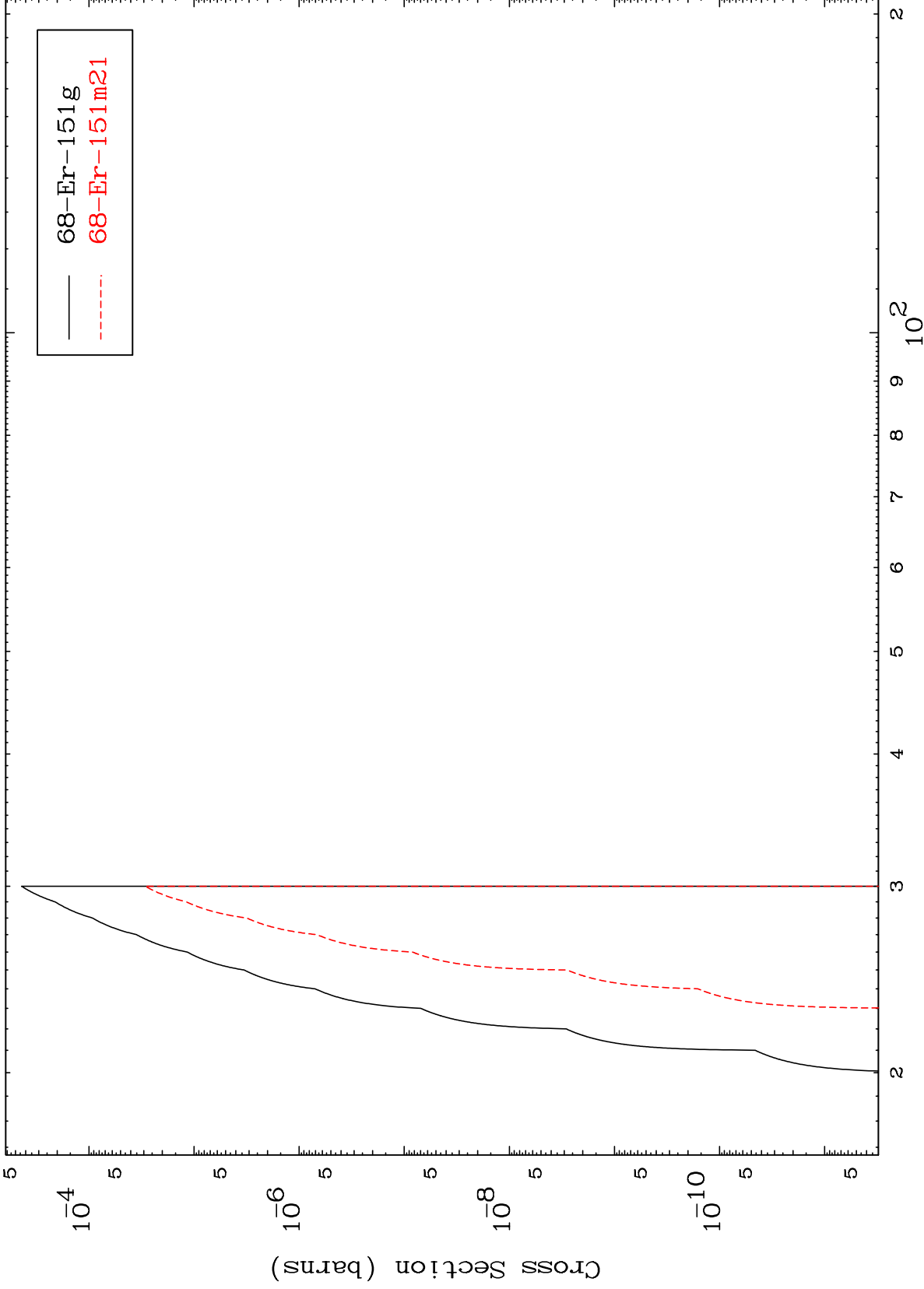


20

Incident Energy (MeV)

69-Tm-154

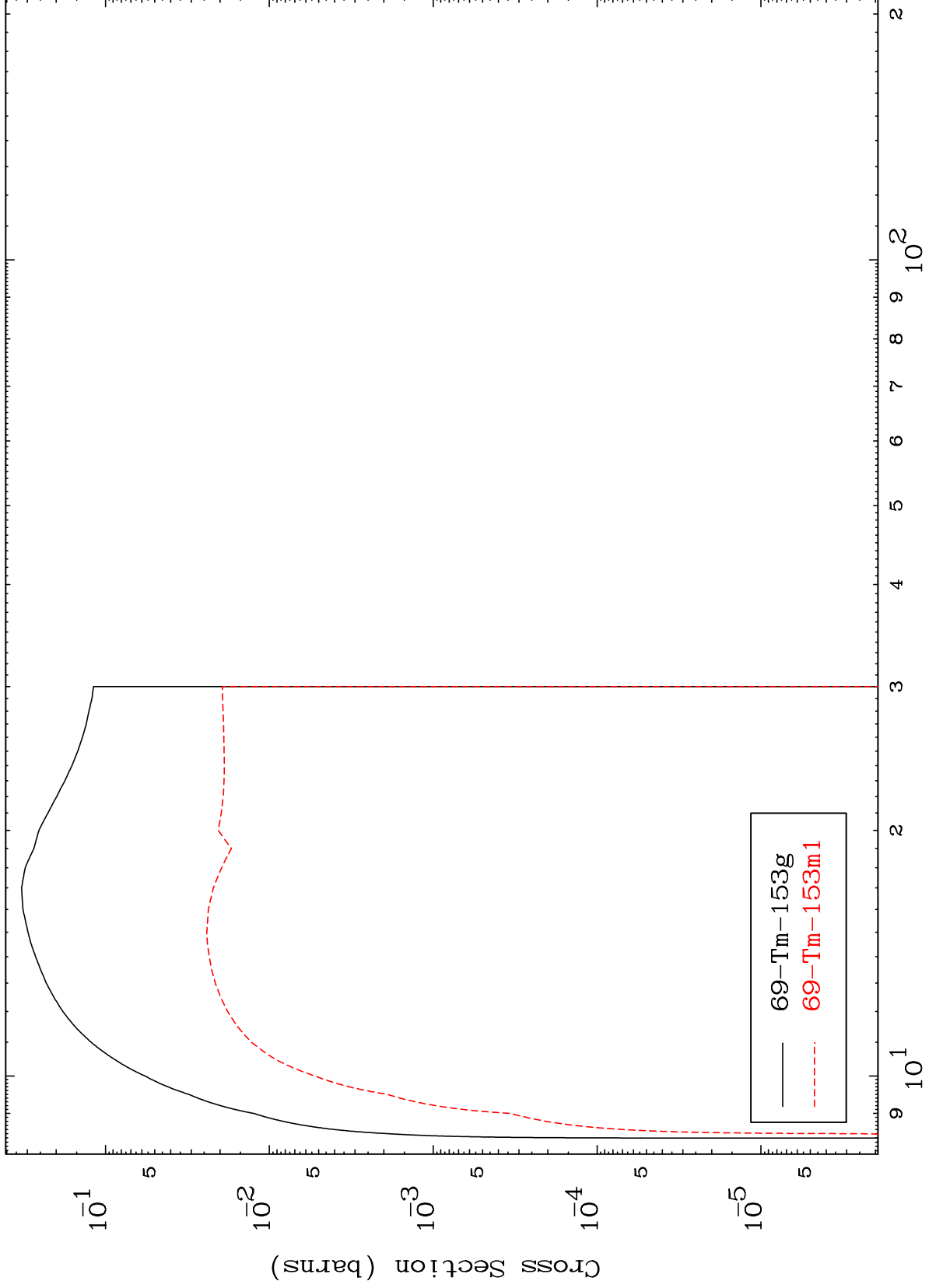
Radionuclide Production Cross Section



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69-Tm-154

(n,2n)  
Radionuclide Production Cross Section



69-Tm-154

Incident Energy (MeV)

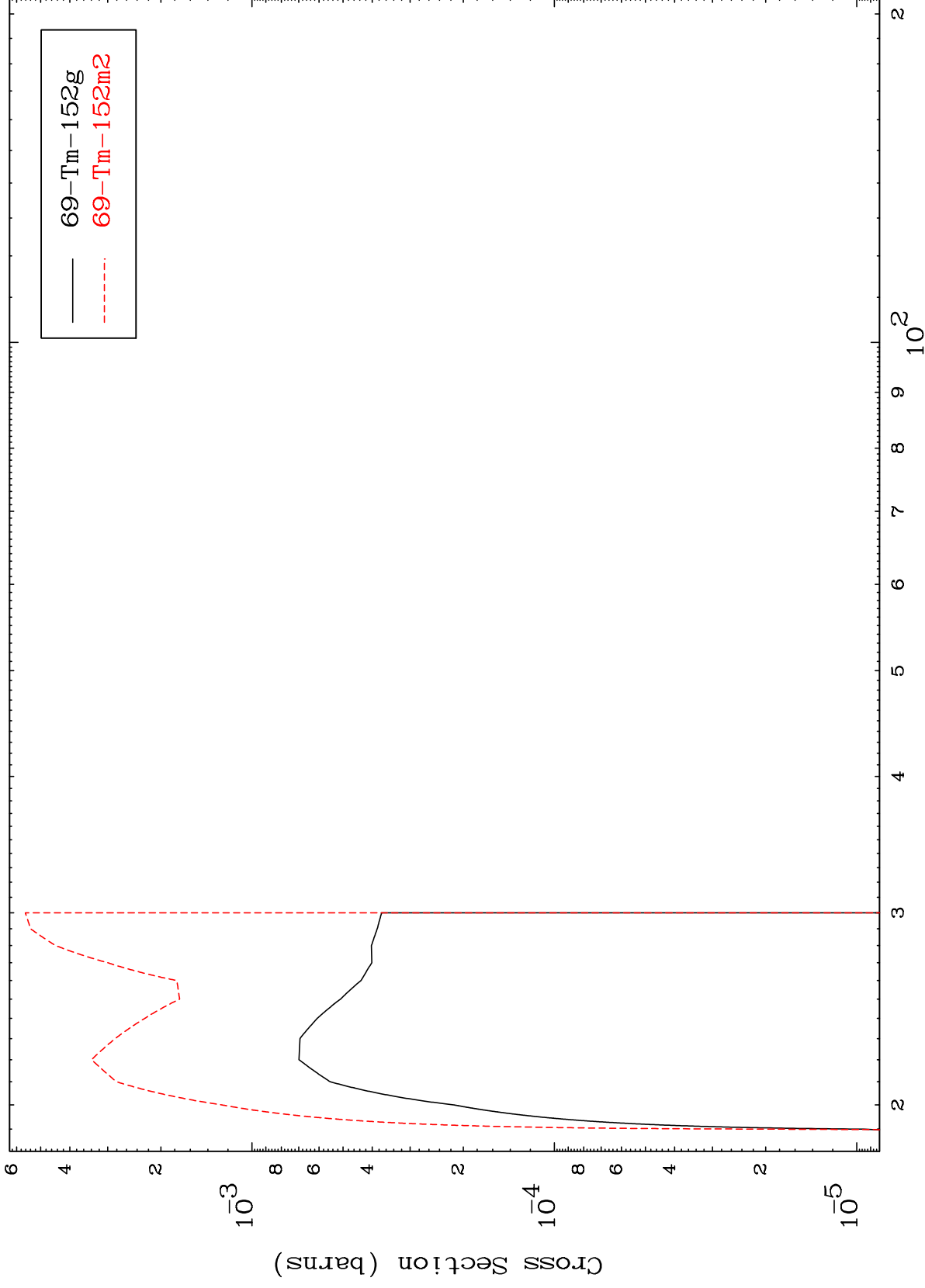
22

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(n,3n)

69-Tm-154

Radionuclide Production Cross Section



23

Incident Energy (MeV)

69-Tm-154

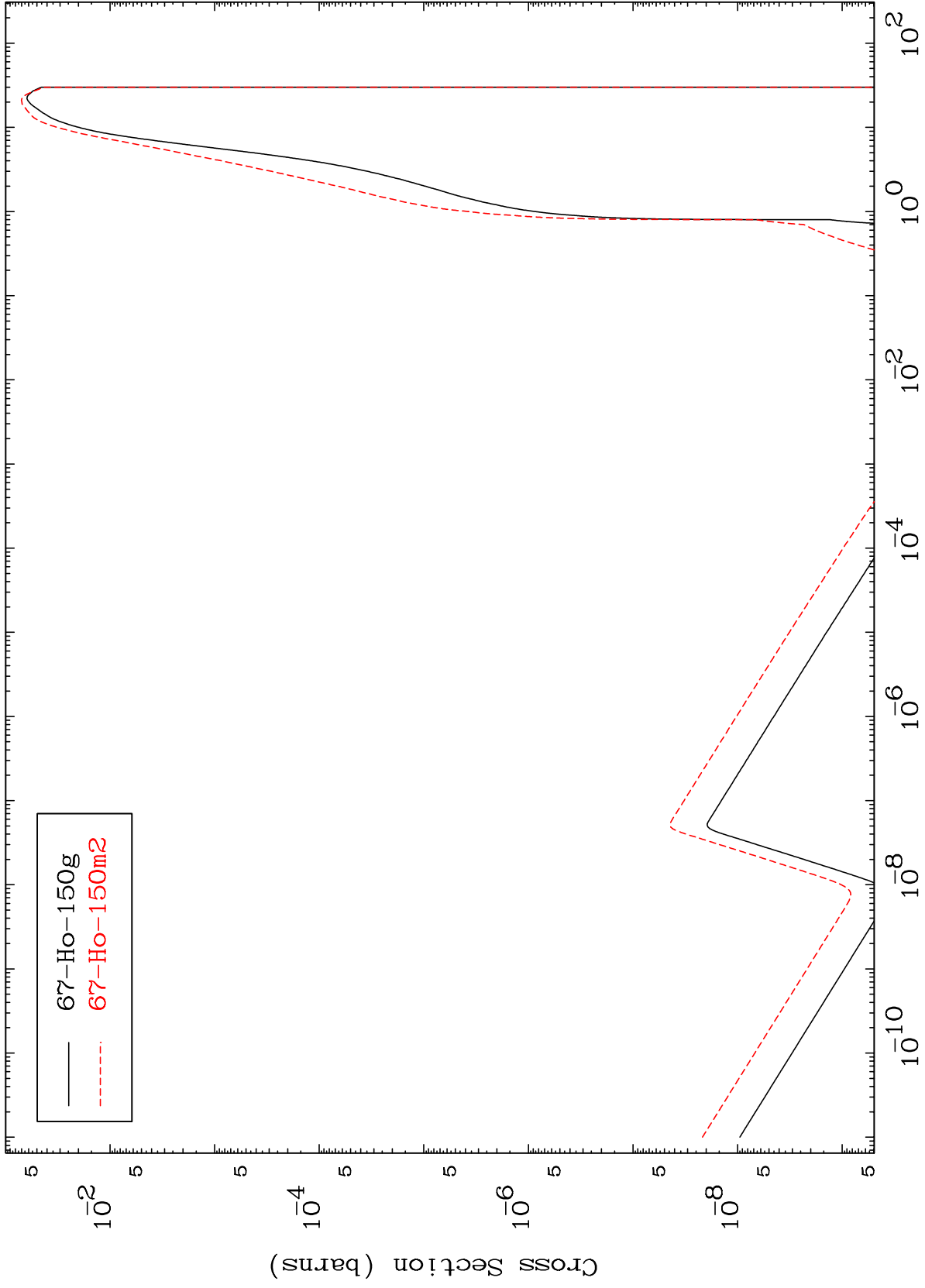


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$(n, n')$   $\alpha$

69-Tm-154

Radionuclide Production Cross Section



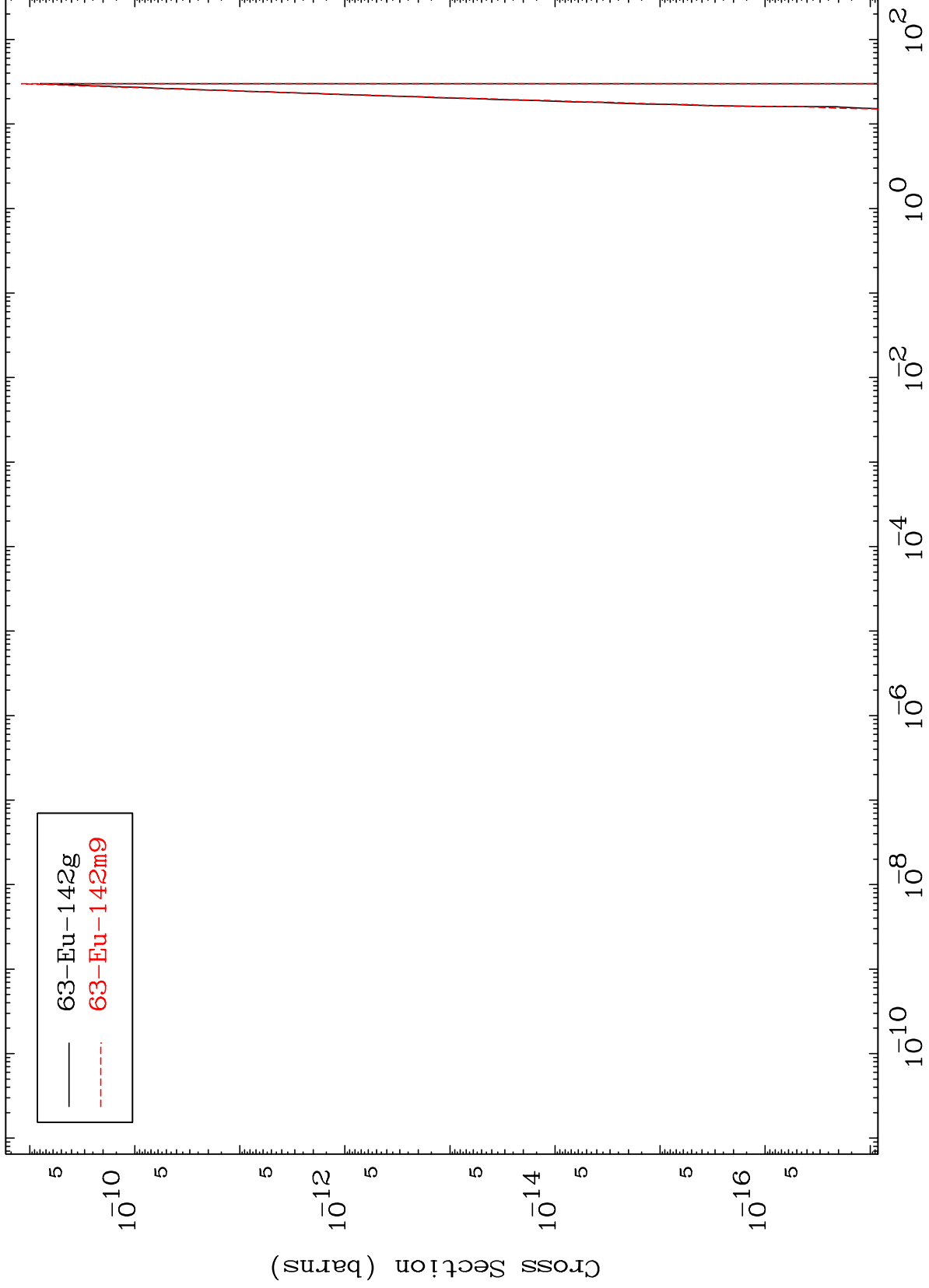
67-Ho-150g  
67-Ho-150m2

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(n,n') 3 $\alpha$

69-Tm-154

Radionuclide Production Cross Section



25

Incident Energy (MeV)

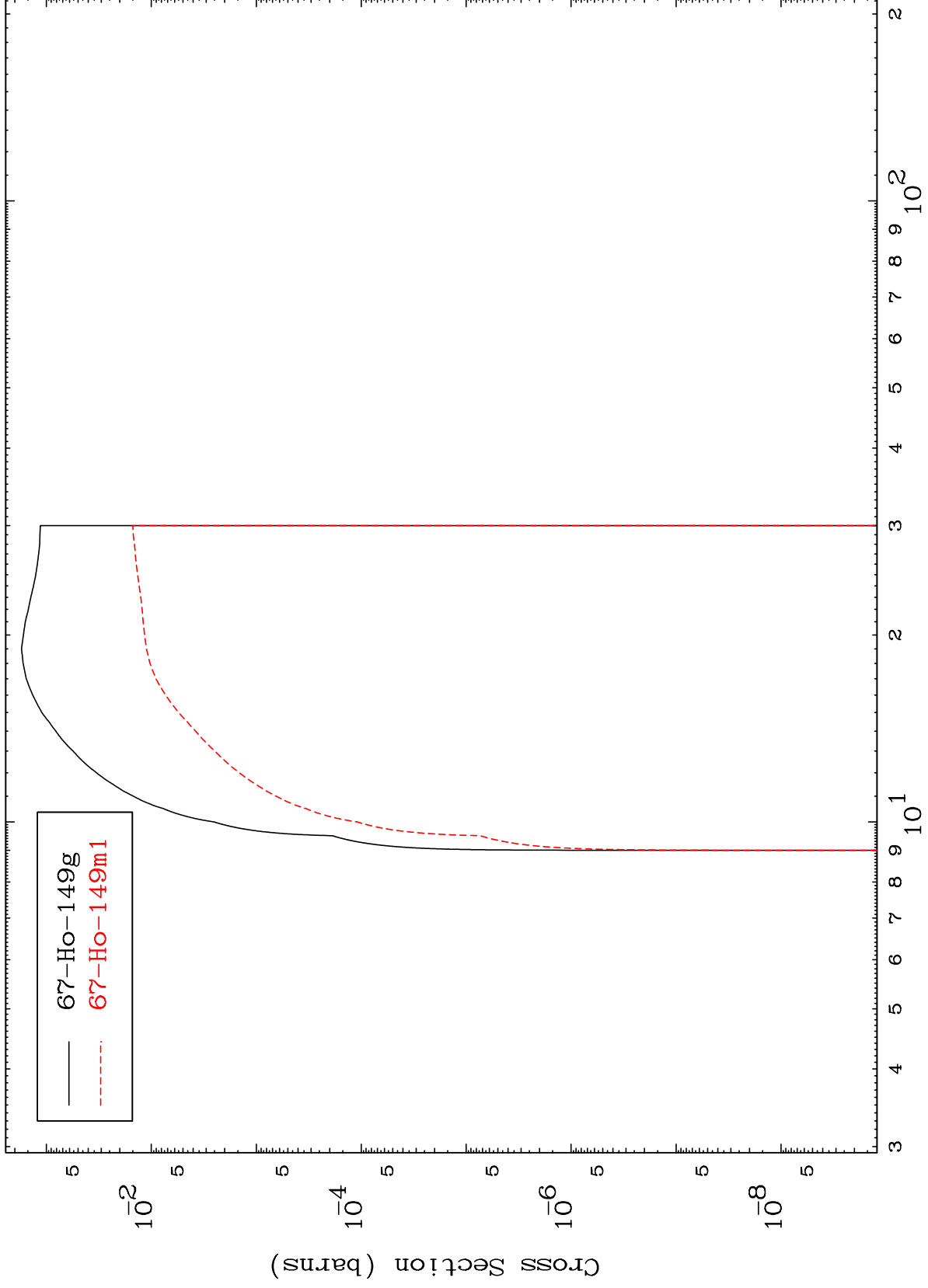
69-Tm-154

MAT 6881

$(n,2n) \alpha$

69-Tm-154

Radionuclide Production Cross Section



26

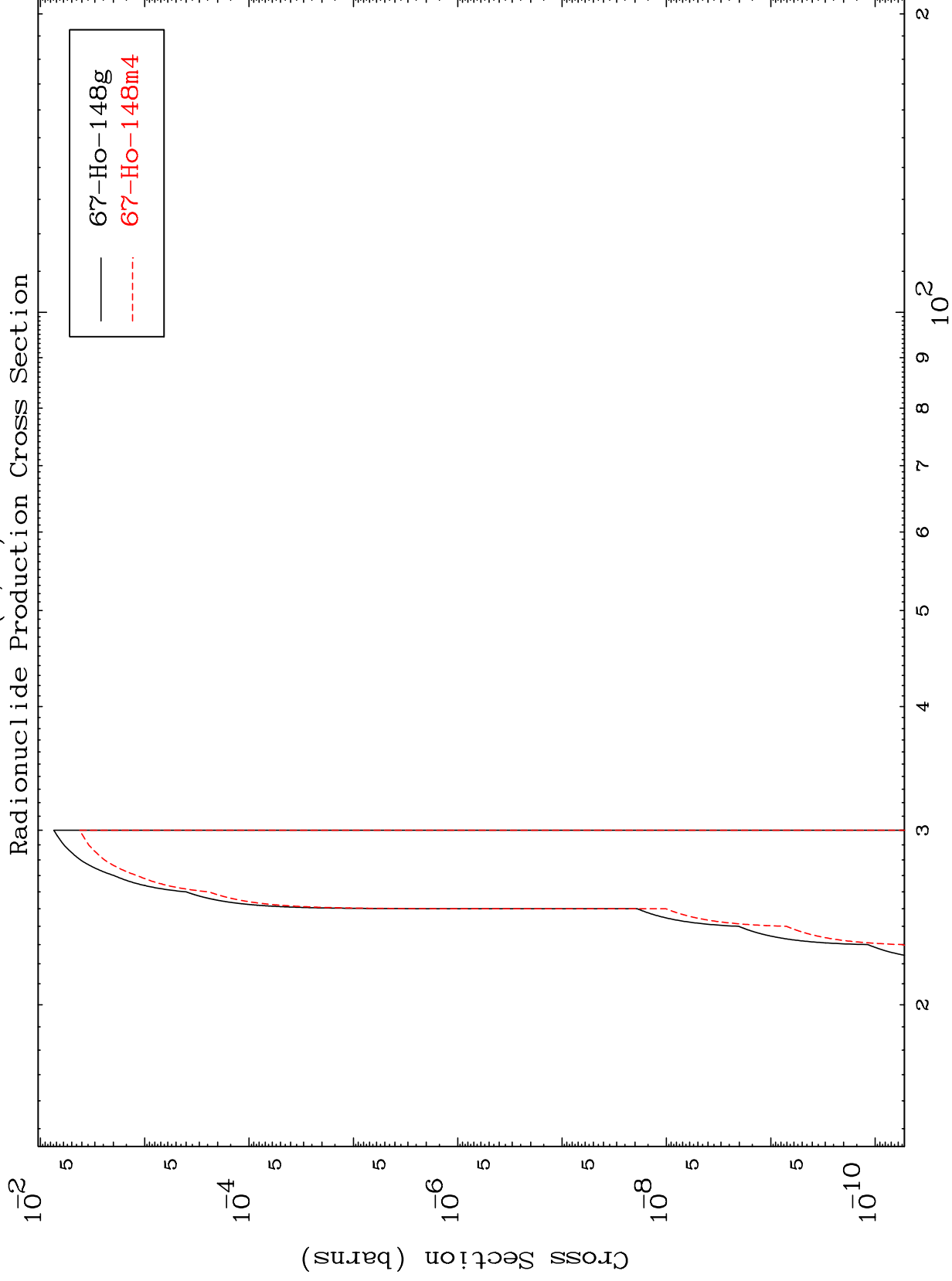
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,3n)  $\alpha$

69-Tm-154



27

Incident Energy (MeV)

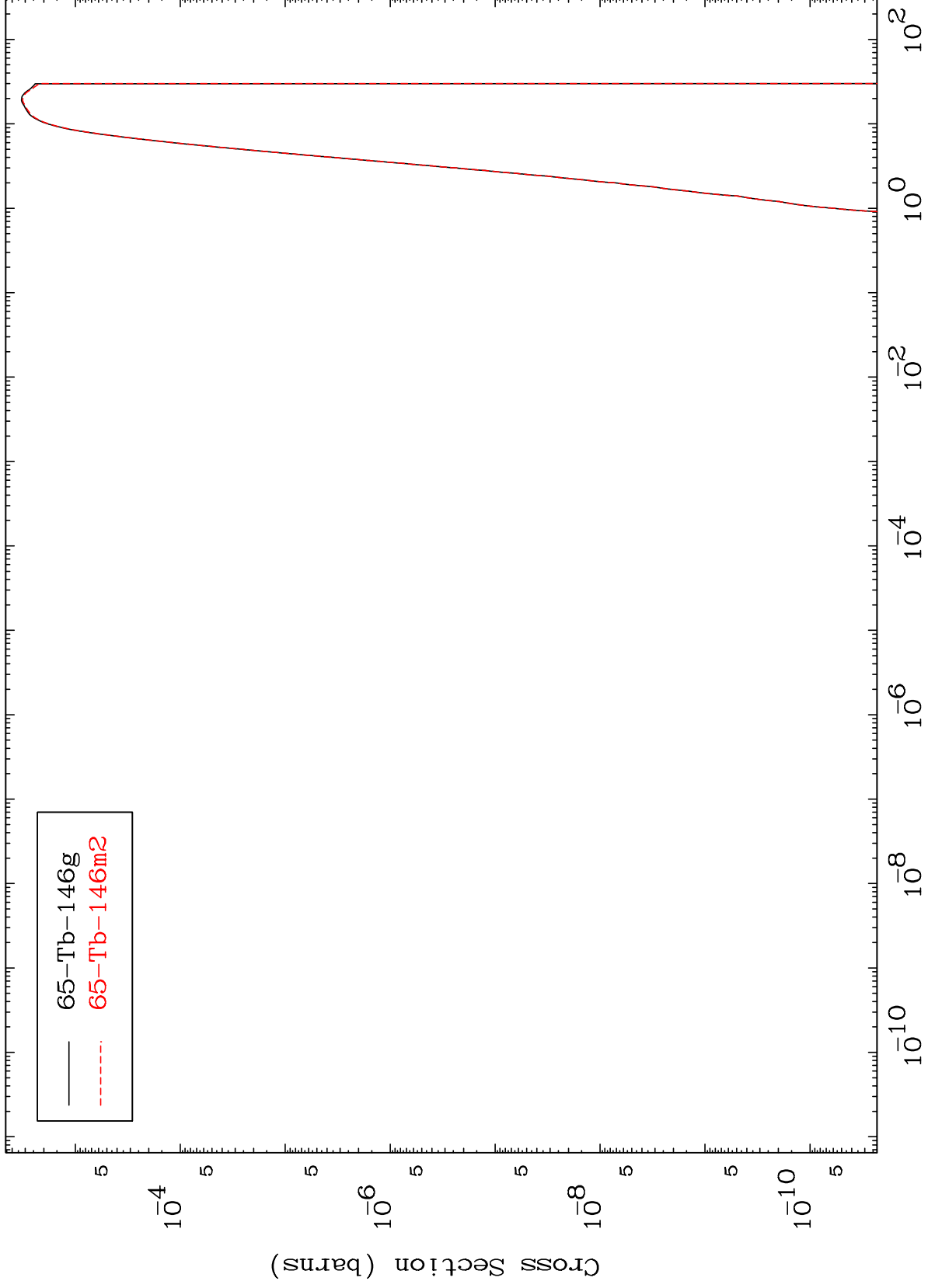
69-Tm-154

MAT 6881

(n,n') 2α

69-Tm-154

Radionuclide Production Cross Section

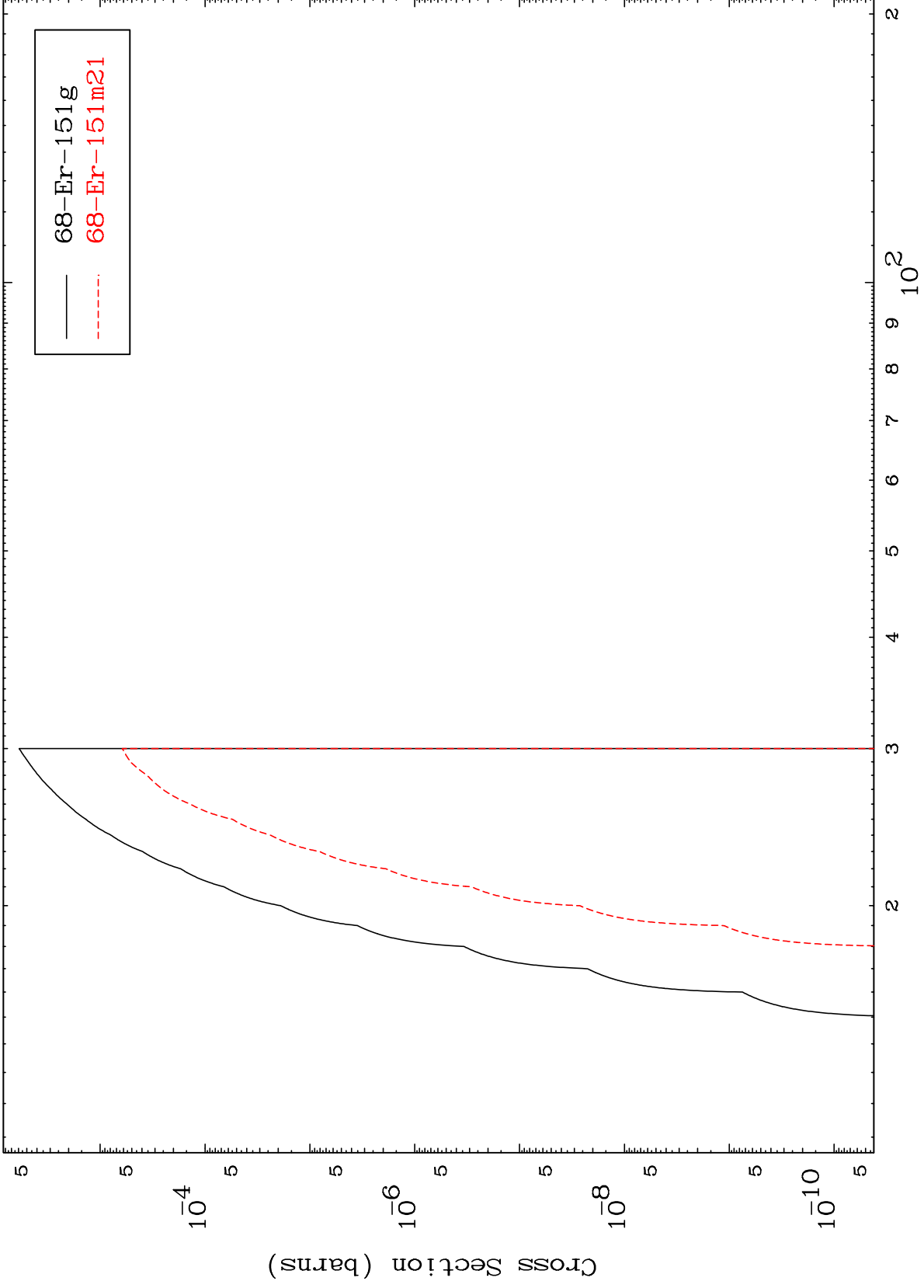


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(n,n') t

69-Tm-154

Radionuclide Production Cross Section



29

Incident Energy (MeV)

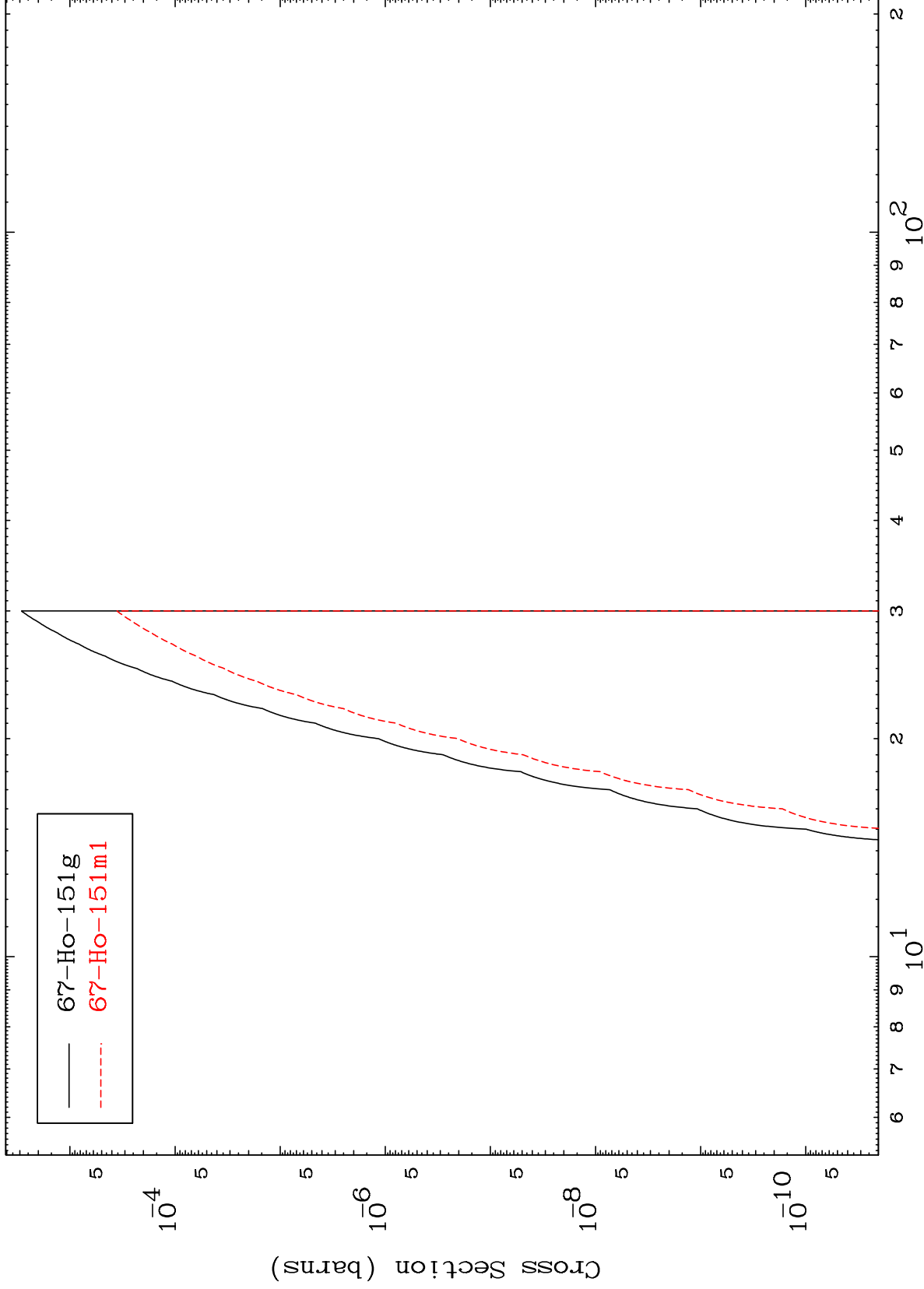
69-Tm-154

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(n,n') He-3

69-Tm-154

Radionuclide Production Cross Section



30

Incident Energy (MeV)

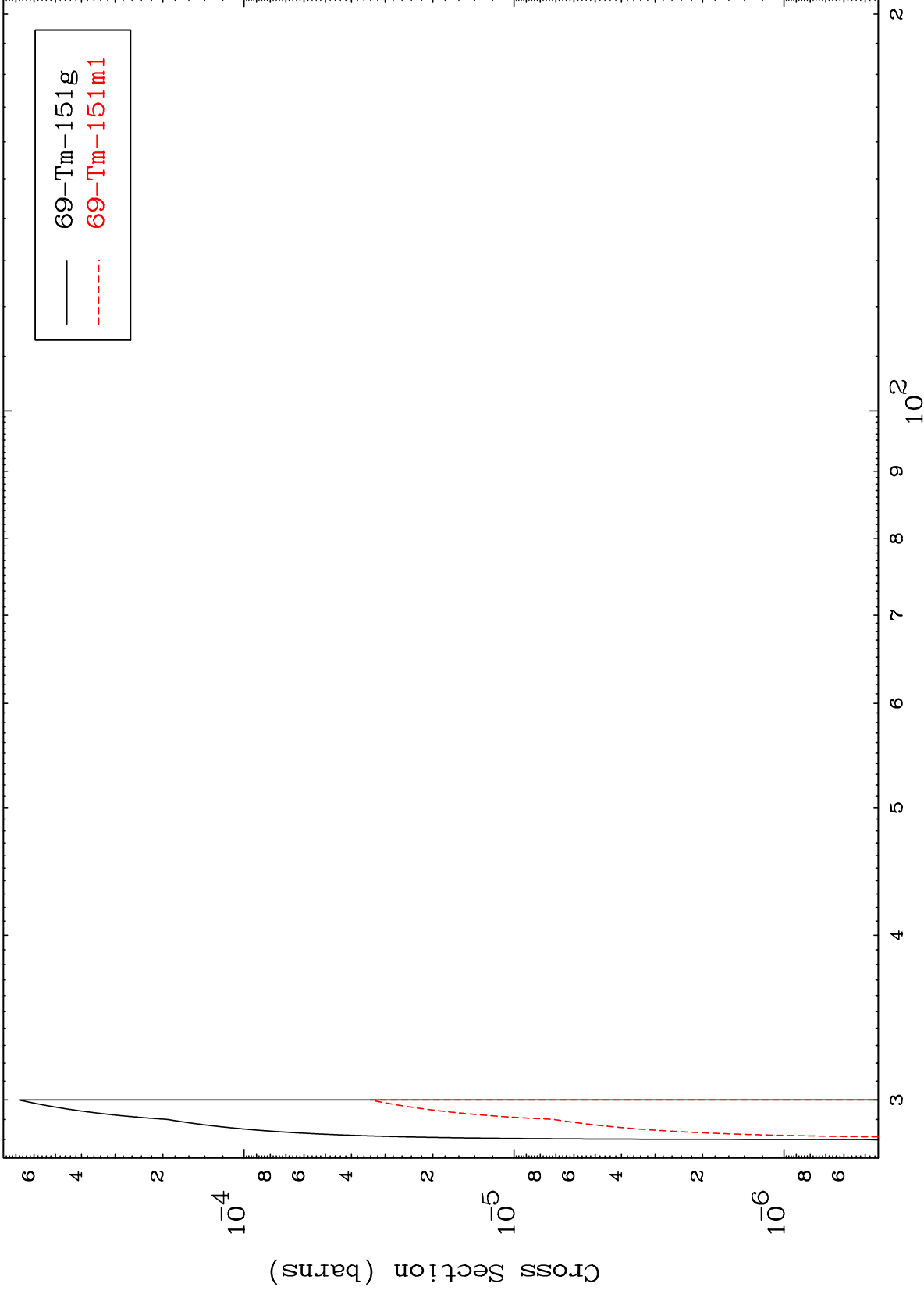
69-Tm-154

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(n,4n)

69-Tm-154

Radionuclide Production Cross Section



69-Tm-151 g  
69-Tm-151 m1

31

Incident Energy (MeV)

69-Tm-154

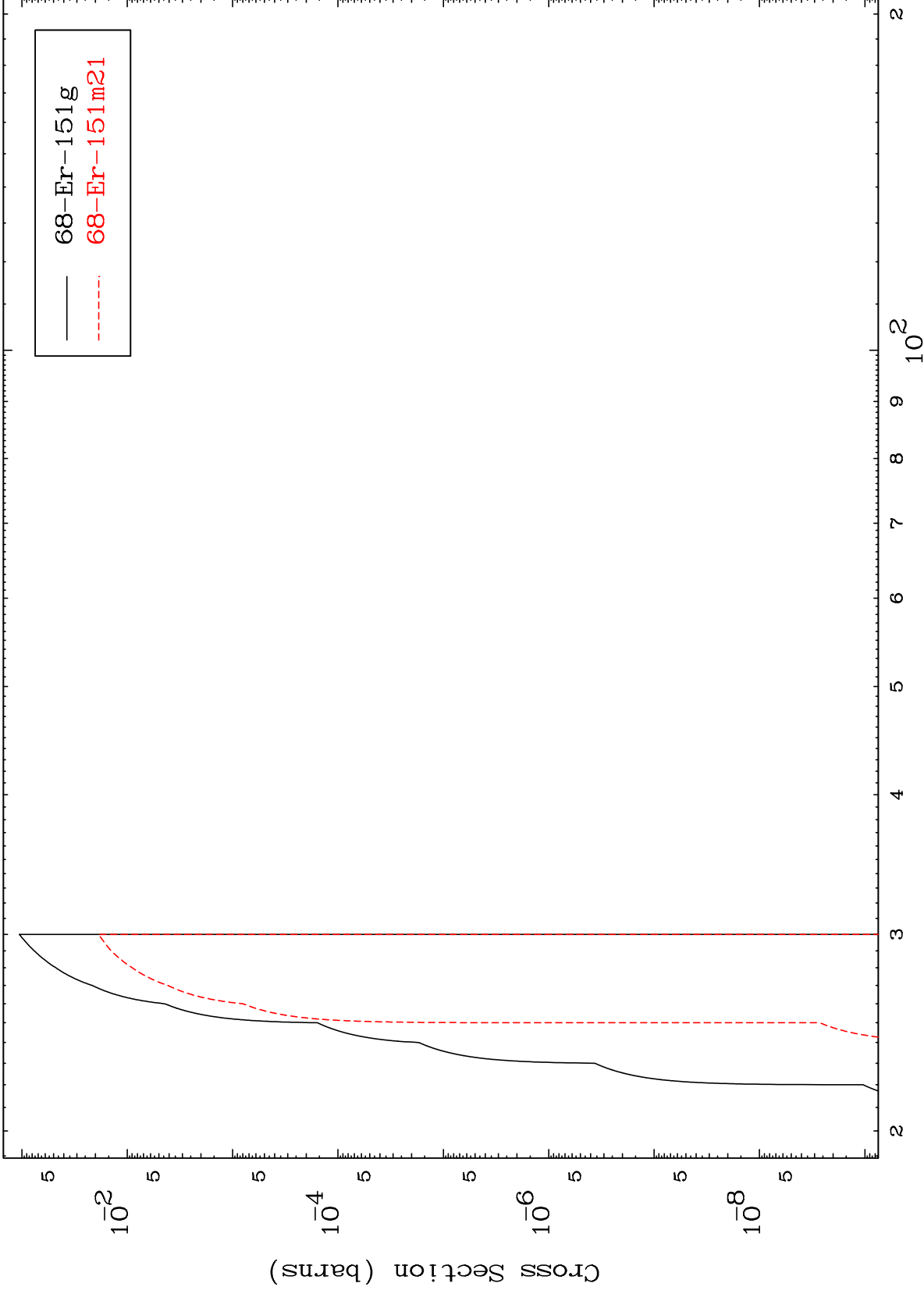


MAT 6881

(n,3n) p

69-Tm-154

Radionuclide Production Cross Section



32

Incident Energy (MeV)

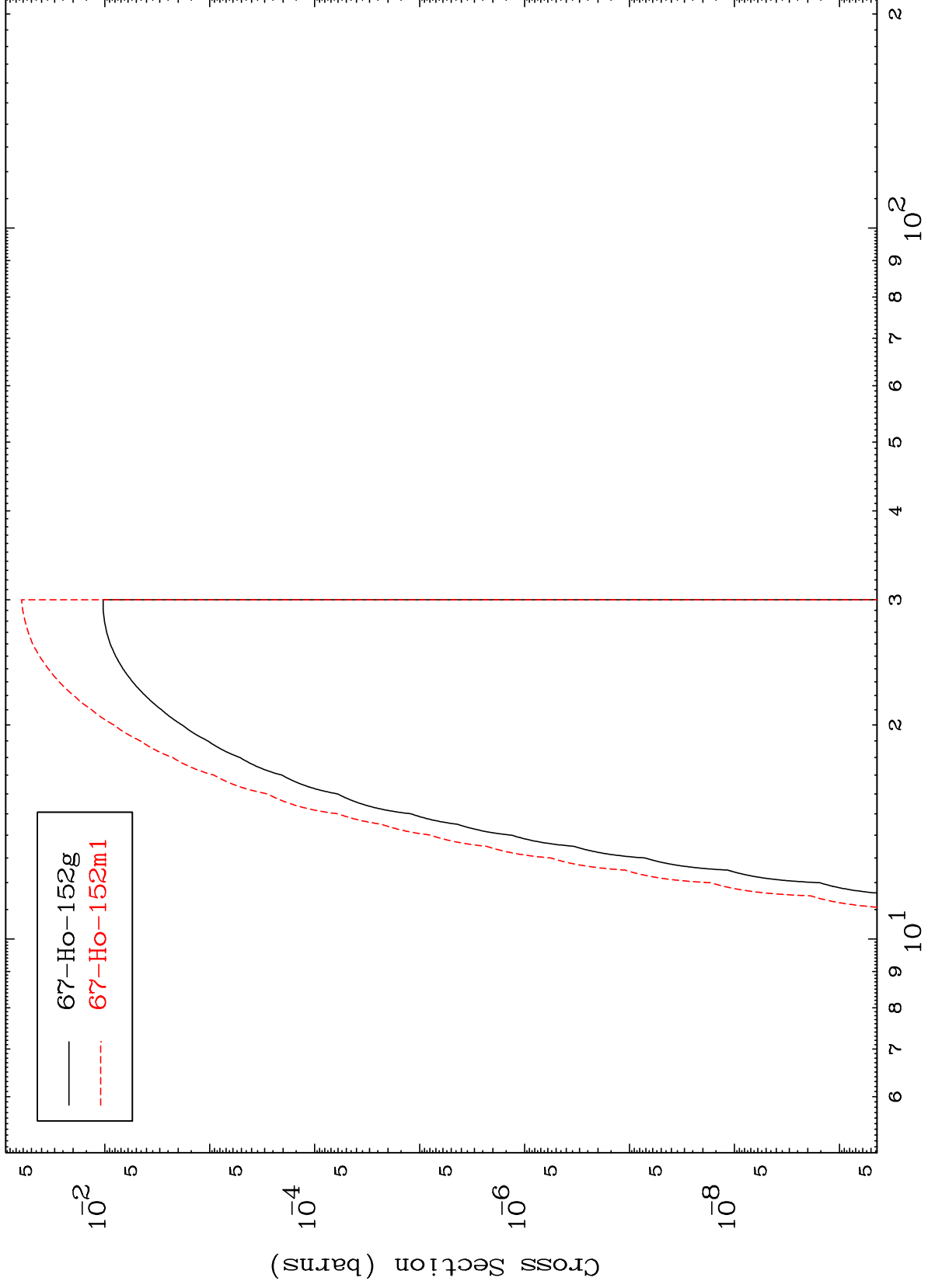
69-Tm-154

MAT 6881

(n,2n) p

69-Tm-154

Radionuclide Production Cross Section



33

Incident Energy (MeV)

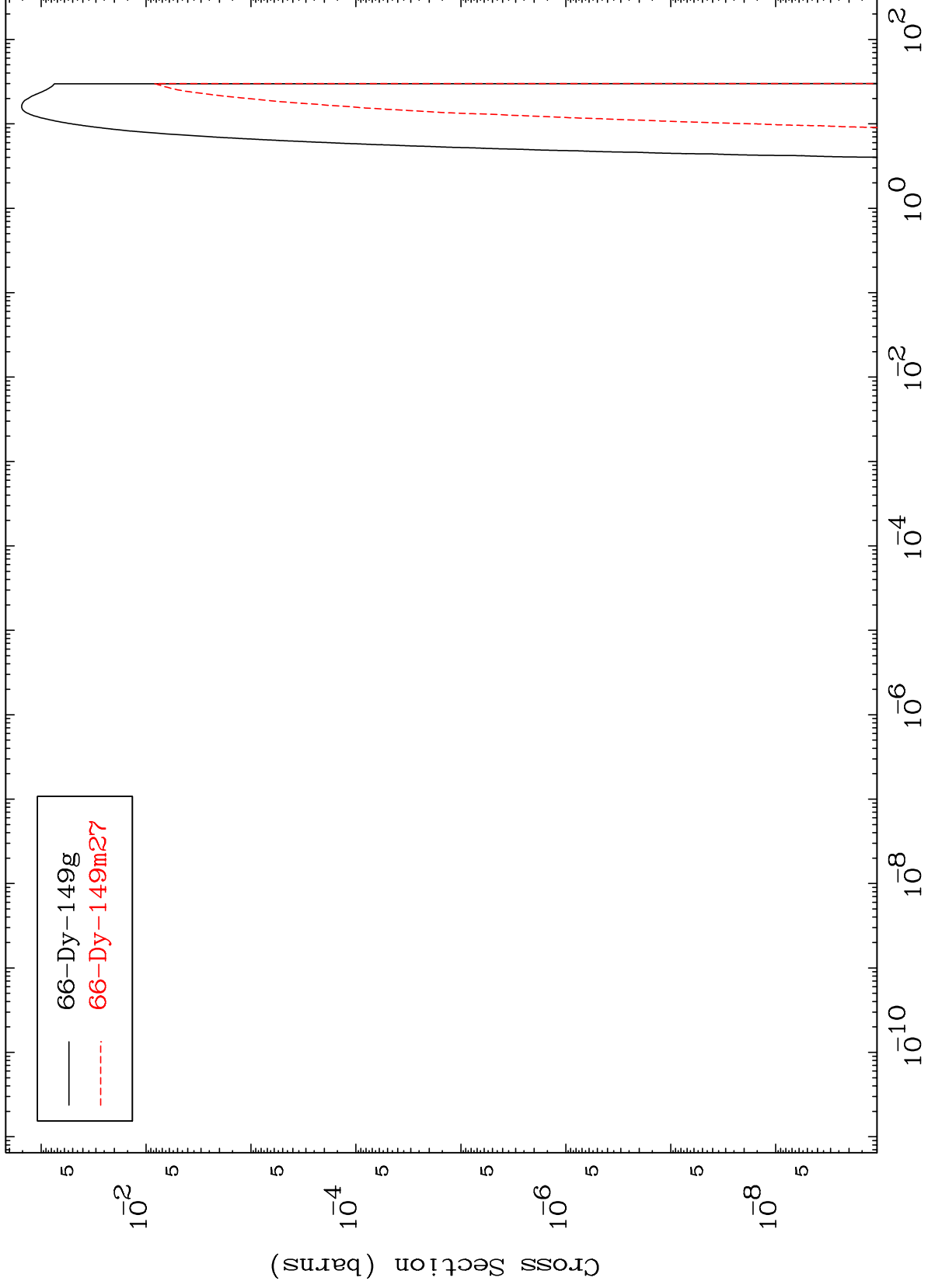
69-Tm-154

MAT 6881

(n,n') p  $\alpha$

69-Tm-154

Radionuclide Production Cross Section



34

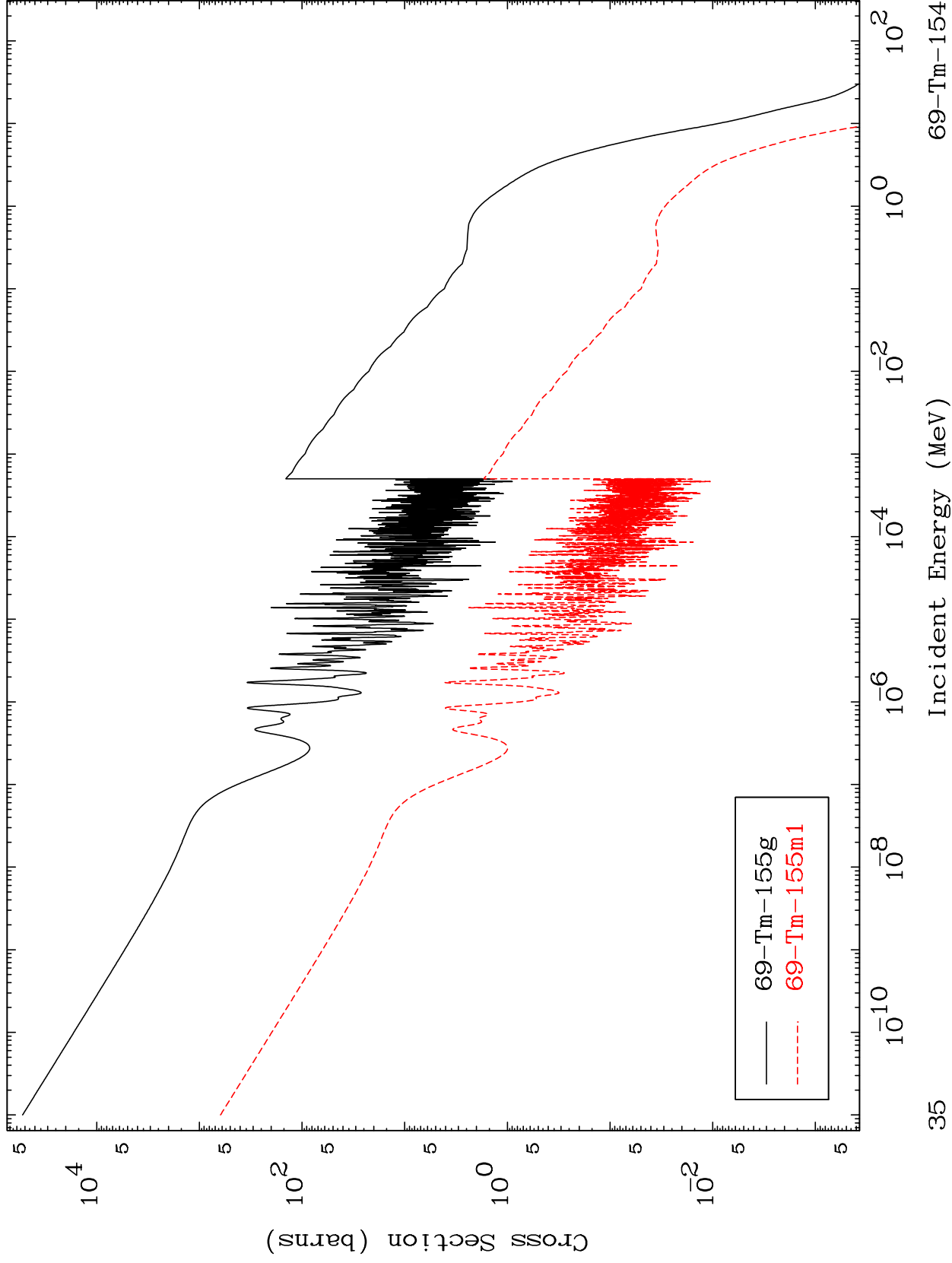
Incident Energy (MeV)

69-Tm-154

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69-Tm-154

(n,γ)  
Radionuclide Production Cross Section



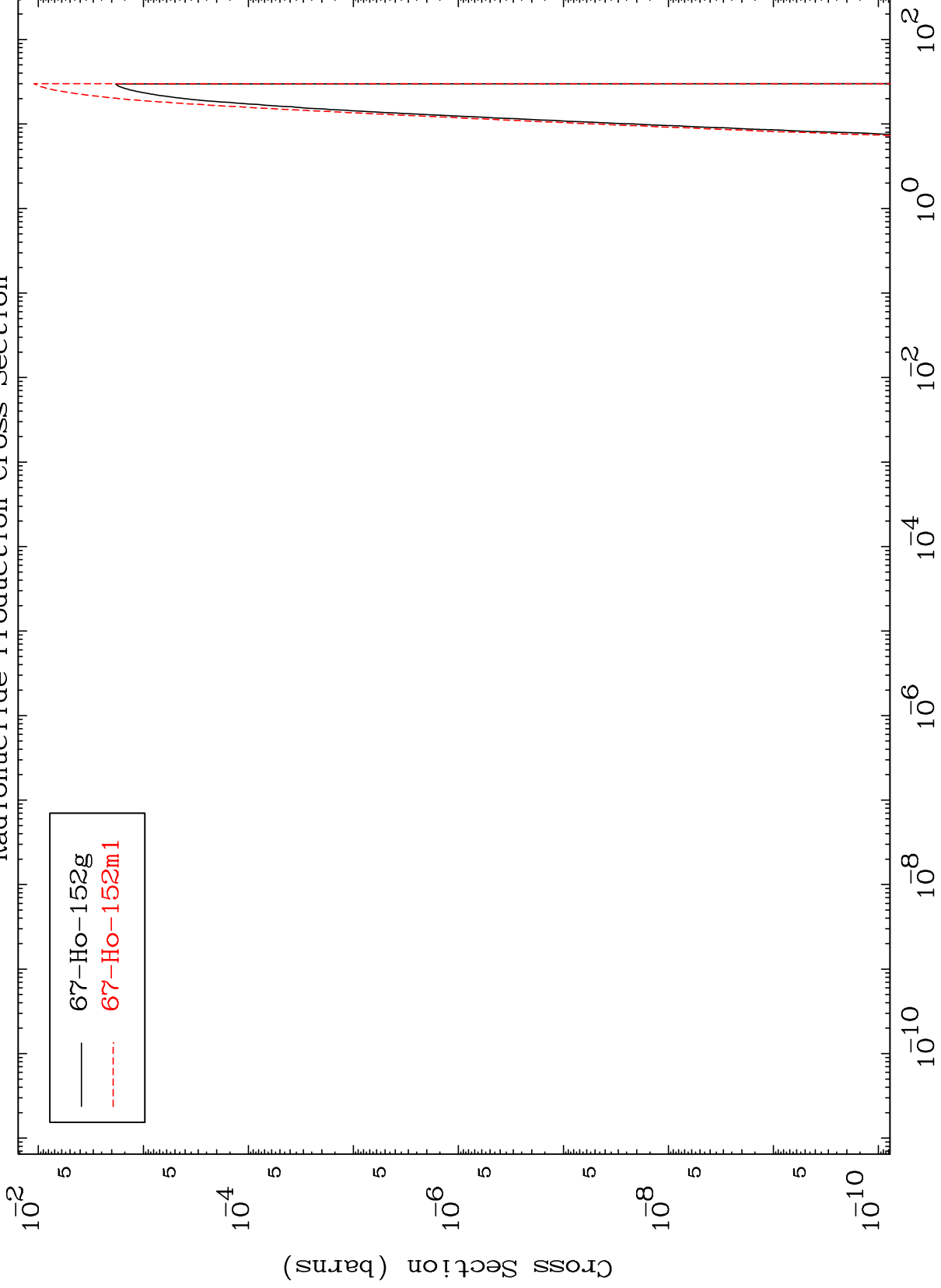
35

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(n,He-3)

69-Tm-154

Radionuclide Production Cross Section



Incident Energy (MeV)

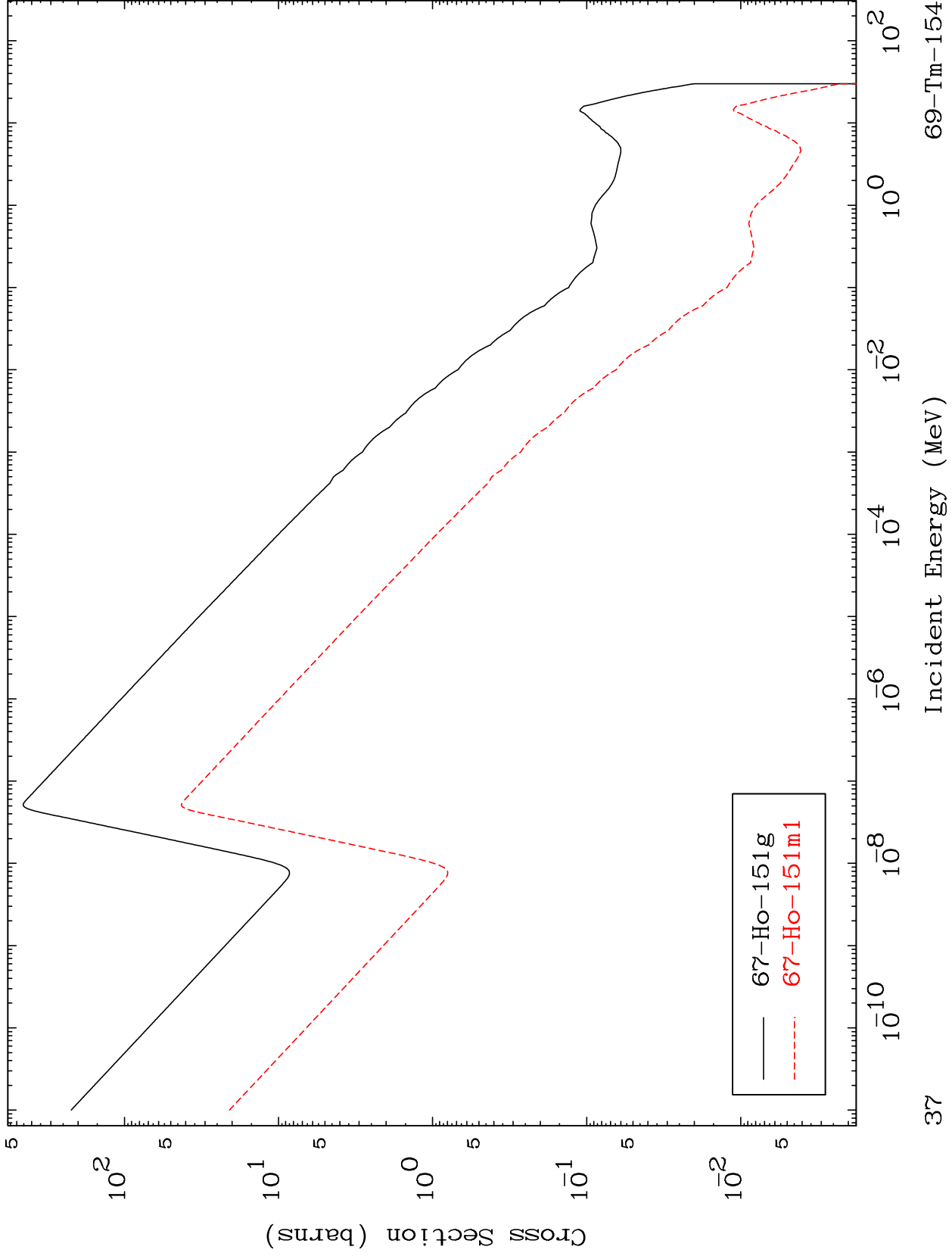
69-Tm-154

36

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69-Tm-154

(n,α)  
Radionuclide Production Cross Section

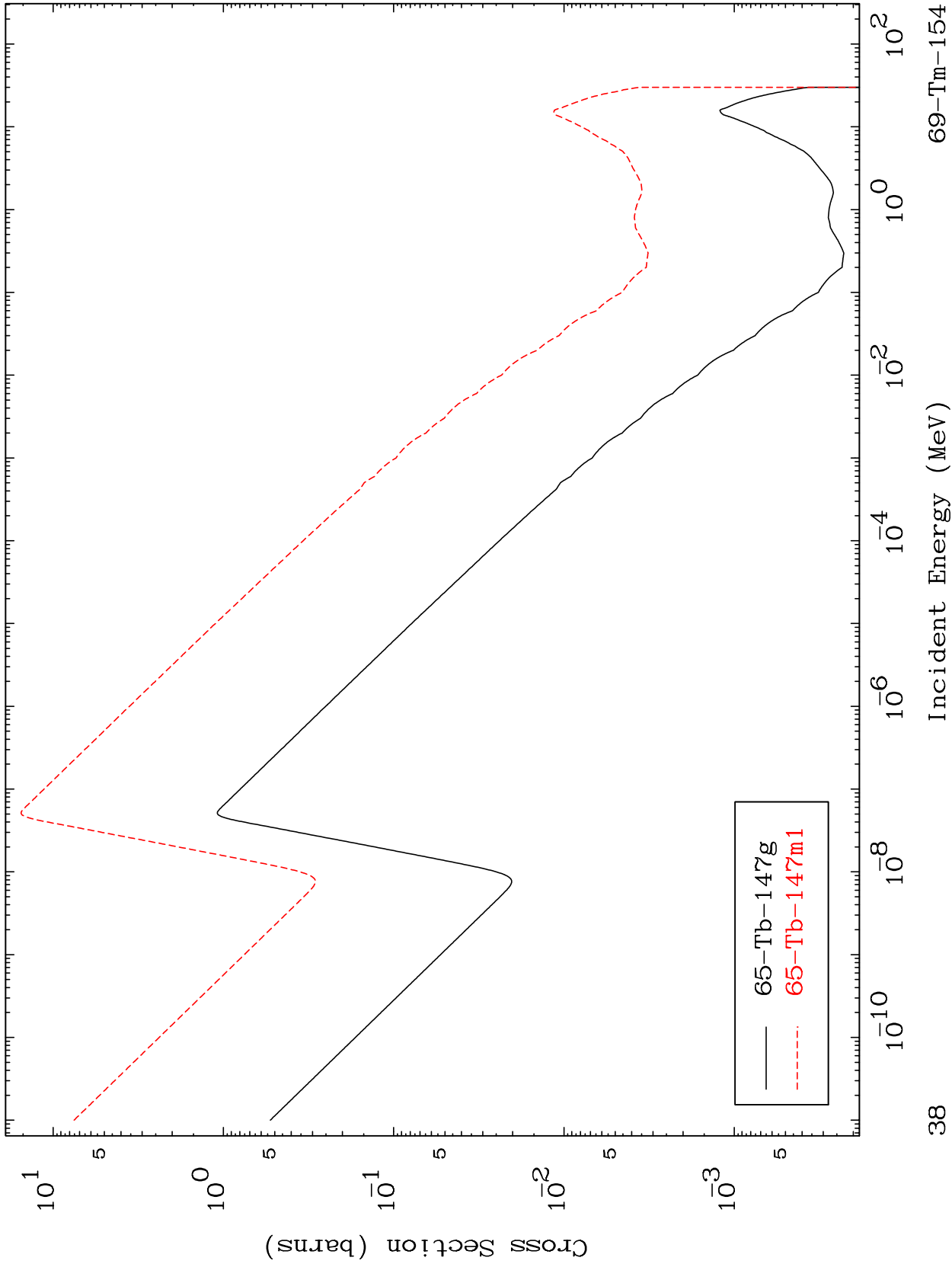


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(n,2α)

69-Tm-154

Radionuclide Production Cross Section

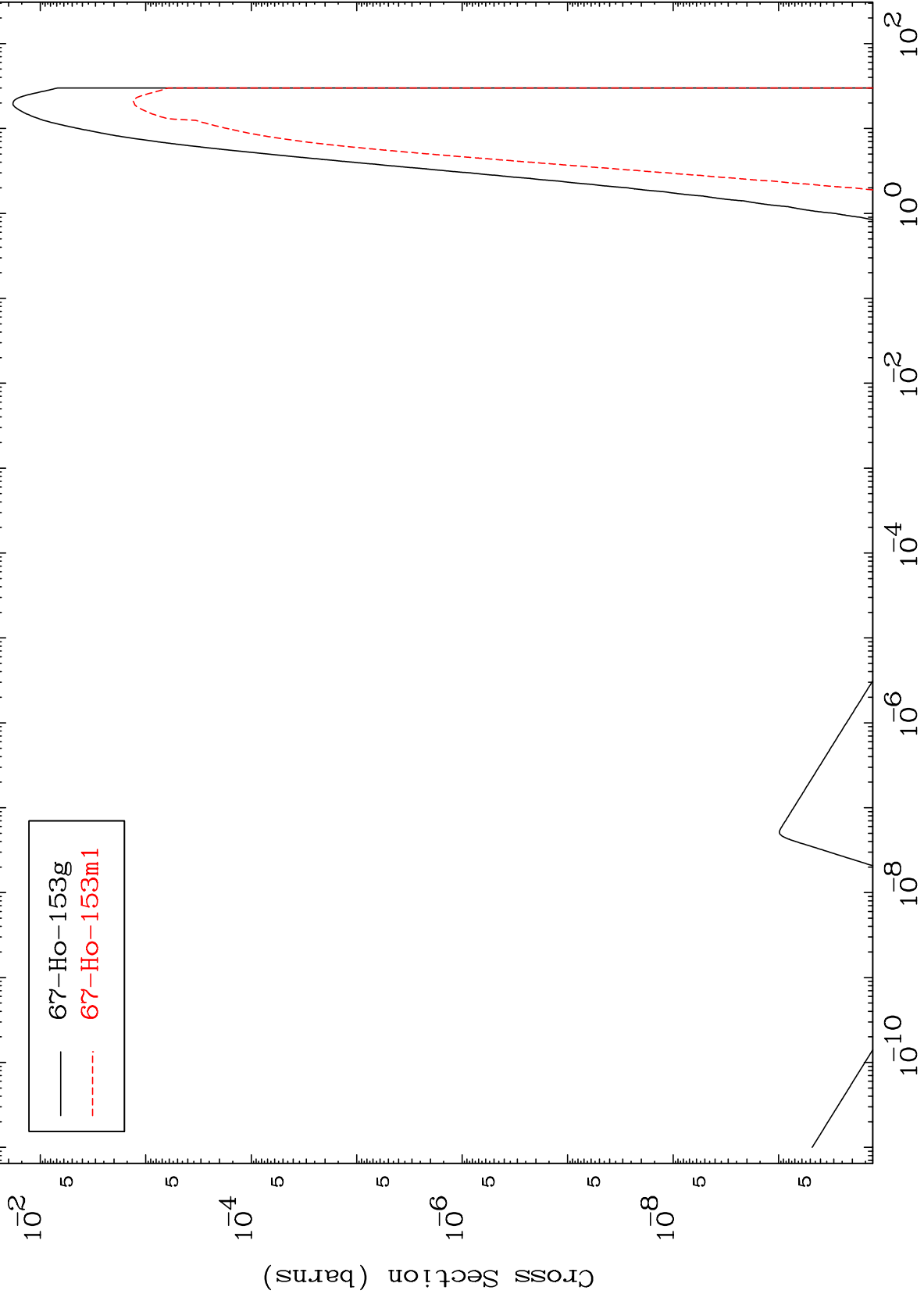


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(n,2p)

69-Tm-154

Radionuclide Production Cross Section



39

Incident Energy (MeV)

69-Tm-154

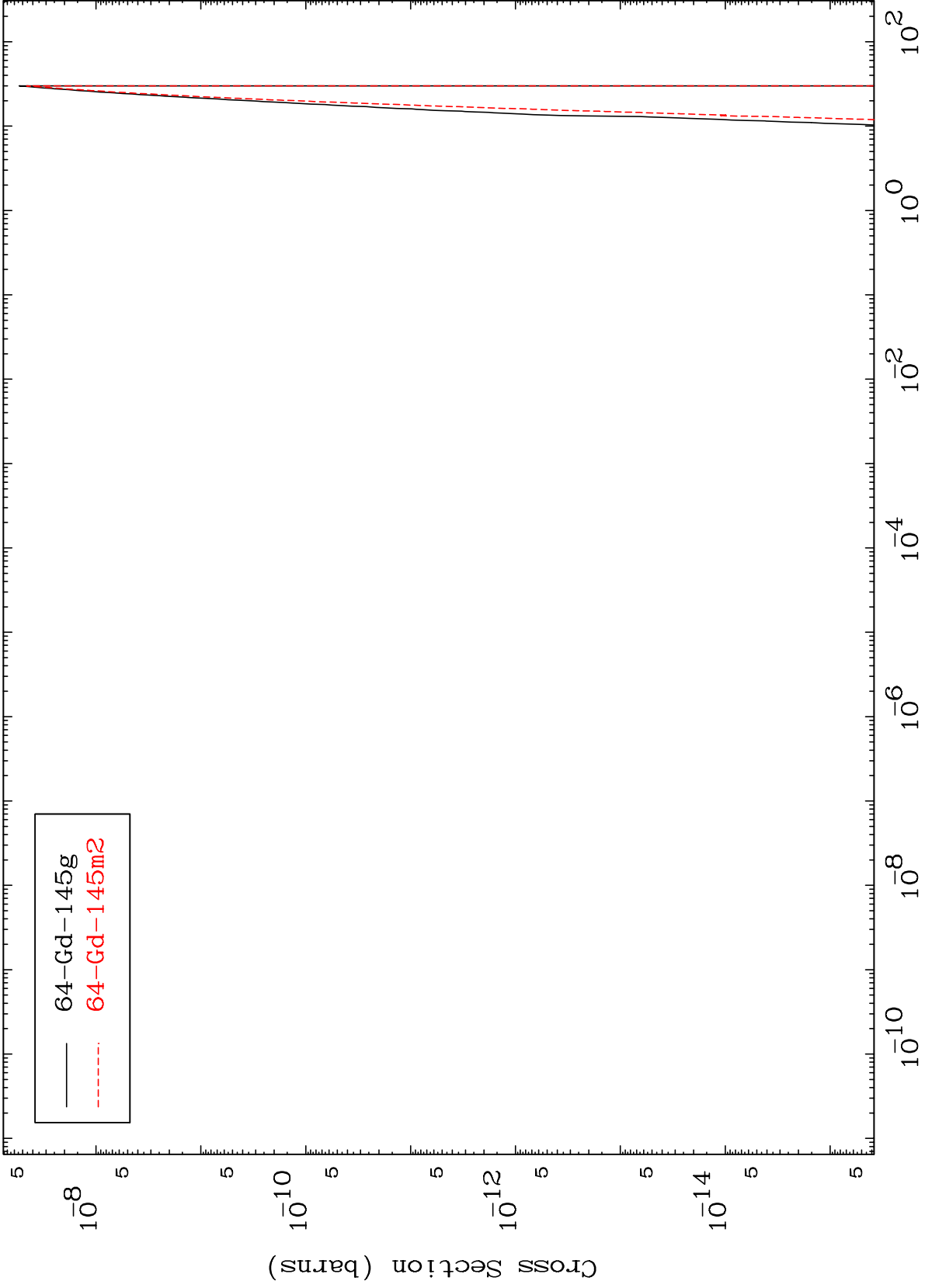


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(n,d) 2 $\alpha$

69-Tm-154

Radionuclide Production Cross Section



40

Incident Energy (MeV)

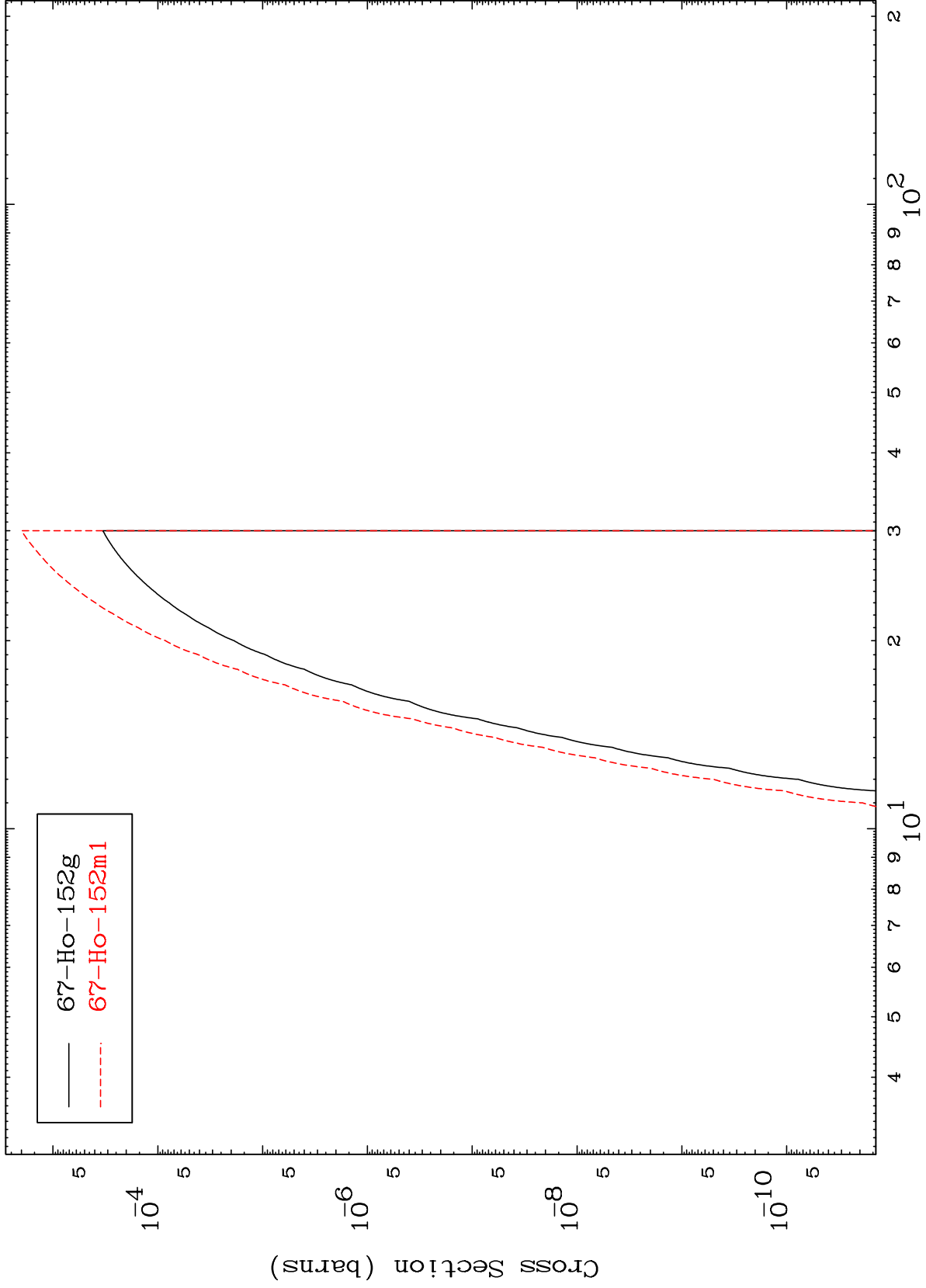
69-Tm-154

MAT 6881

(n,p) d

69-Tm-154

Radionuclide Production Cross Section



41

Incident Energy (MeV)

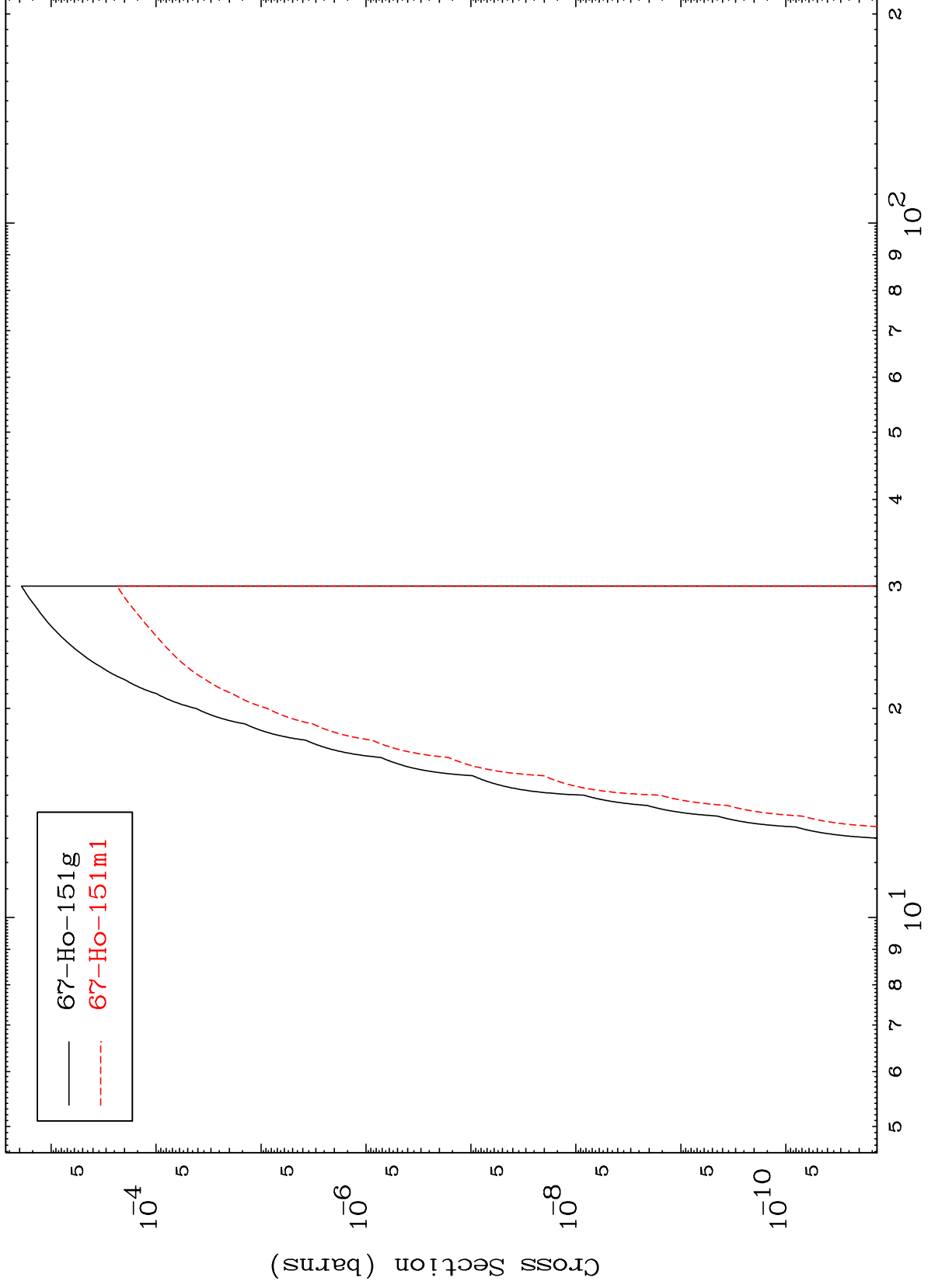
69-Tm-154

MAT 6881

(n,p) t

69-Tm-154

Radionuclide Production Cross Section



42

Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,d)  $\alpha$

69-Tm-154

Radionuclide Production Cross Section

