

Program EVALPLOT
(Version 2017-1)

by

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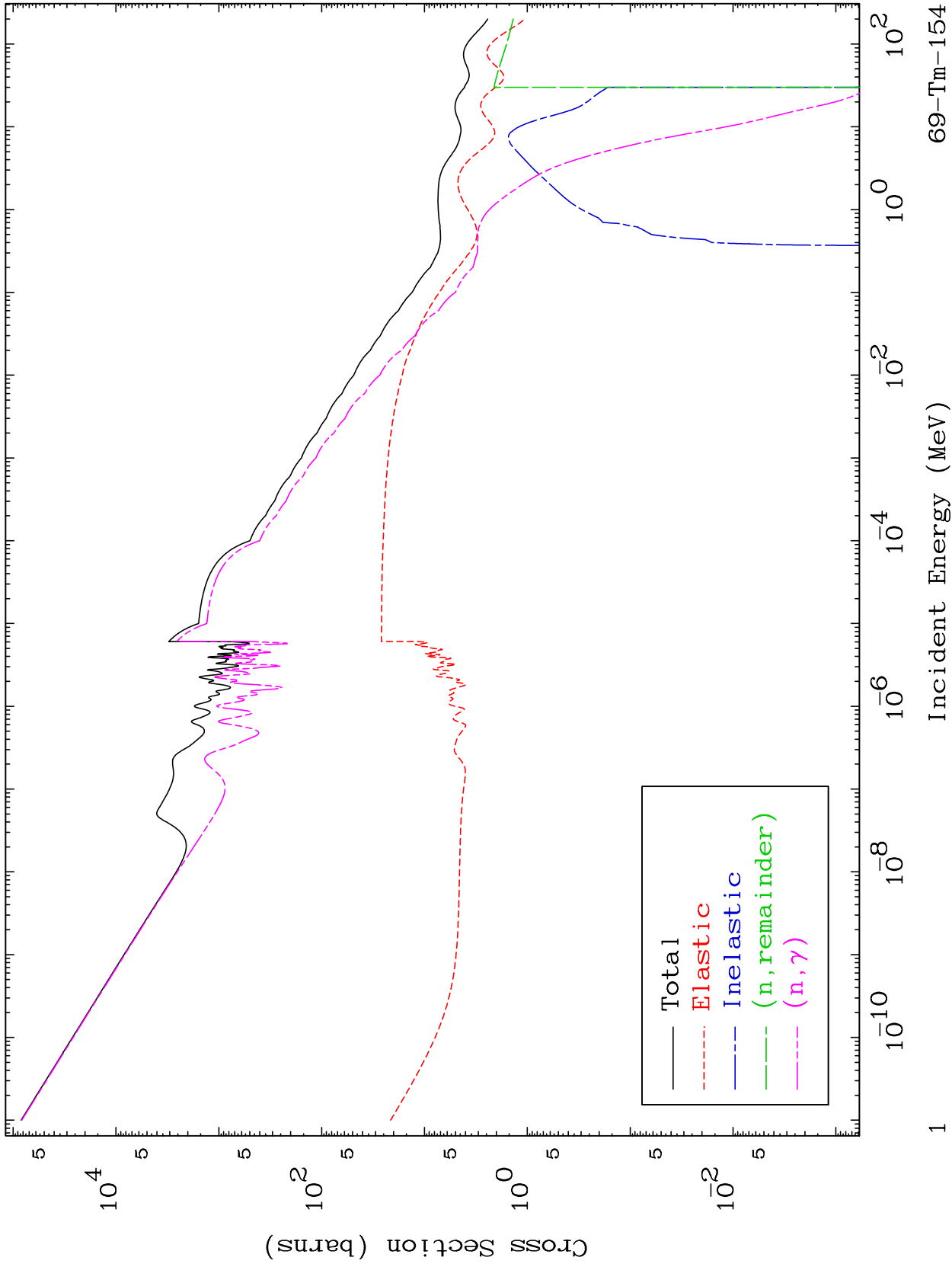
Press Mouse Button to Start

MAT 6881

Major

293 Kelvin Cross Sections

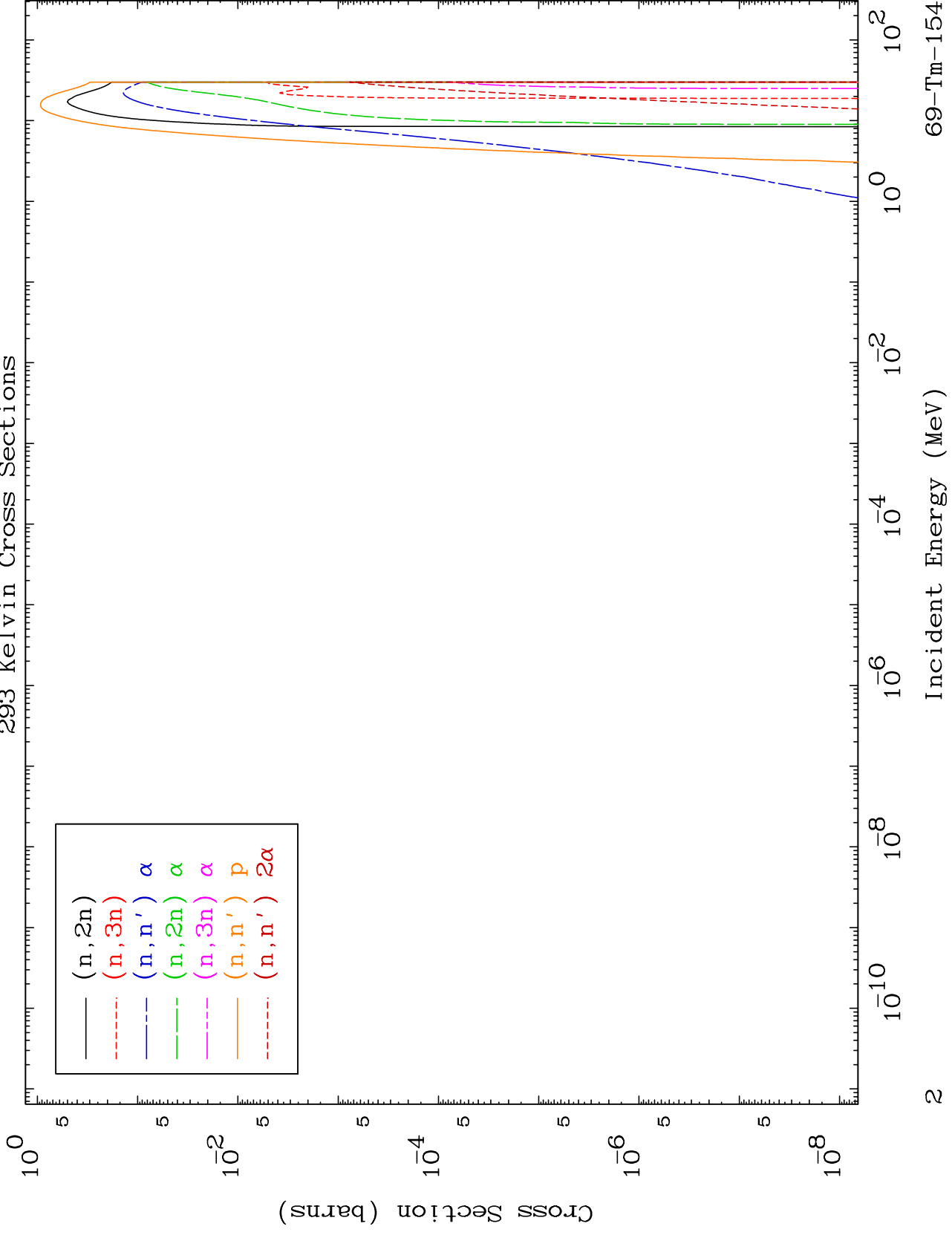
69-Tm-154



MAT 6881

Neutron Production
293 Kelvin Cross Sections

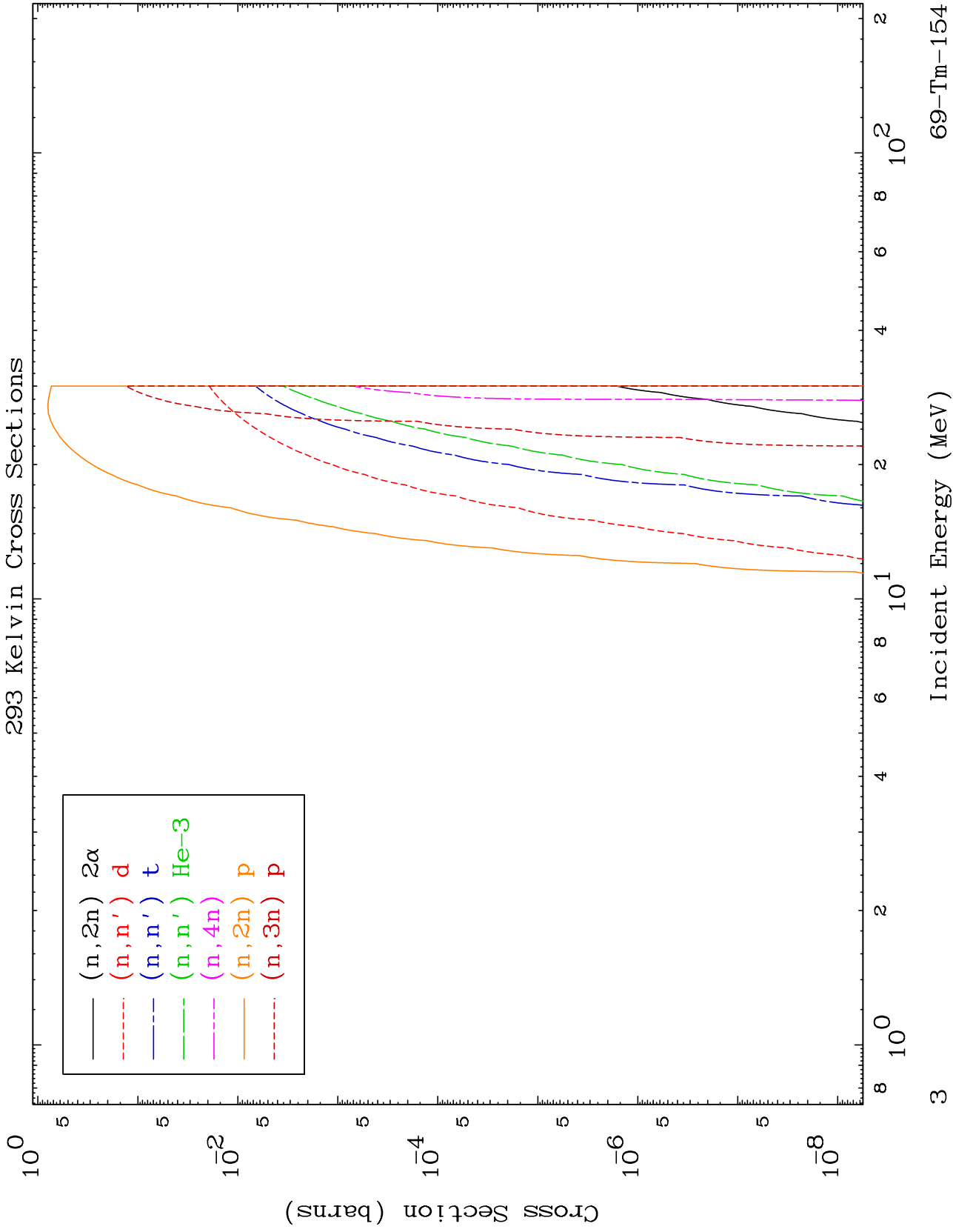
69-Tm-154



MAT 6881

Neutron Production
293 Kelvin Cross Sections

69-Tm-154



3

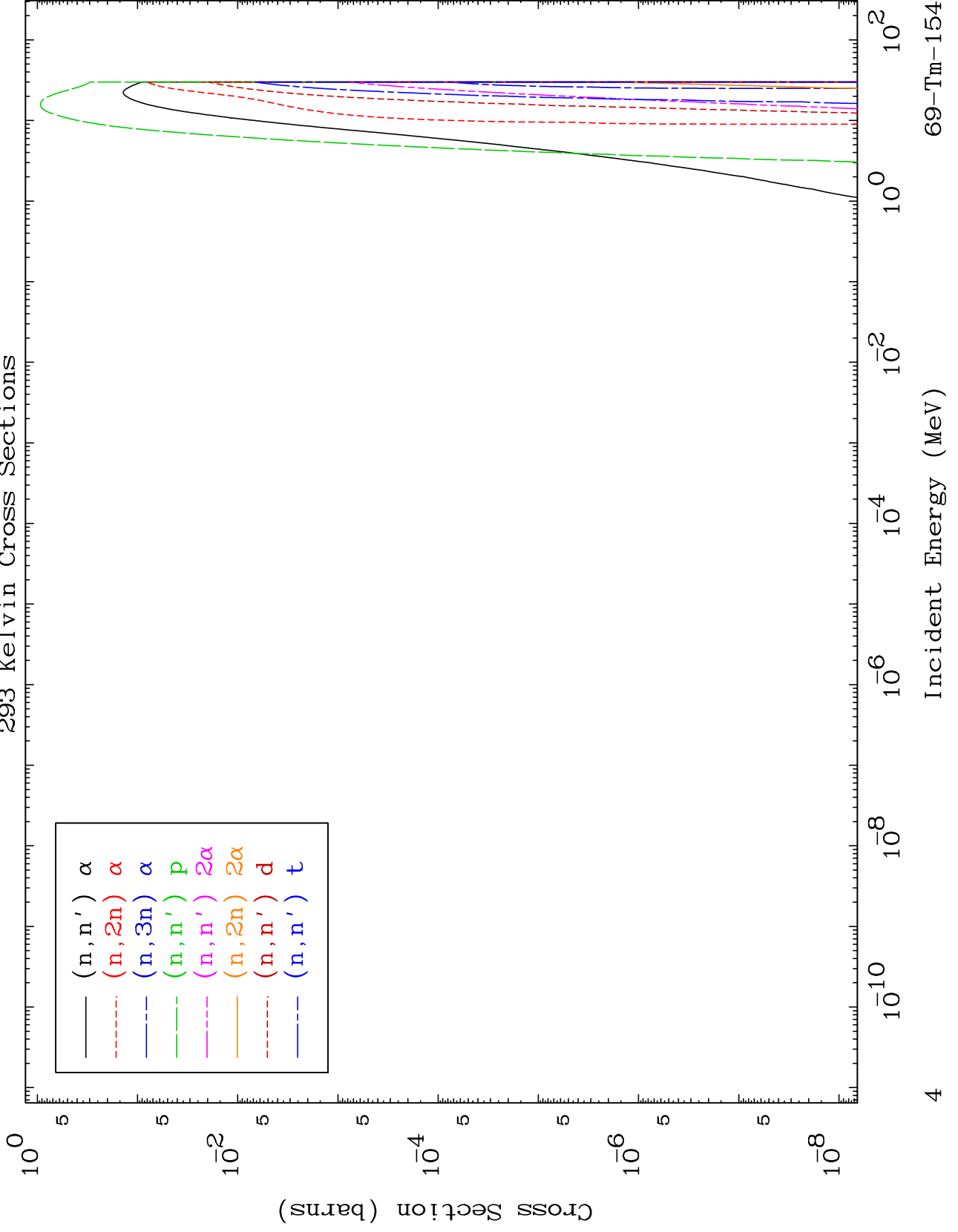
Incident Energy (MeV)

69-Tm-154

MAT 6881

Charged Particle
293 Kelvin Cross Sections

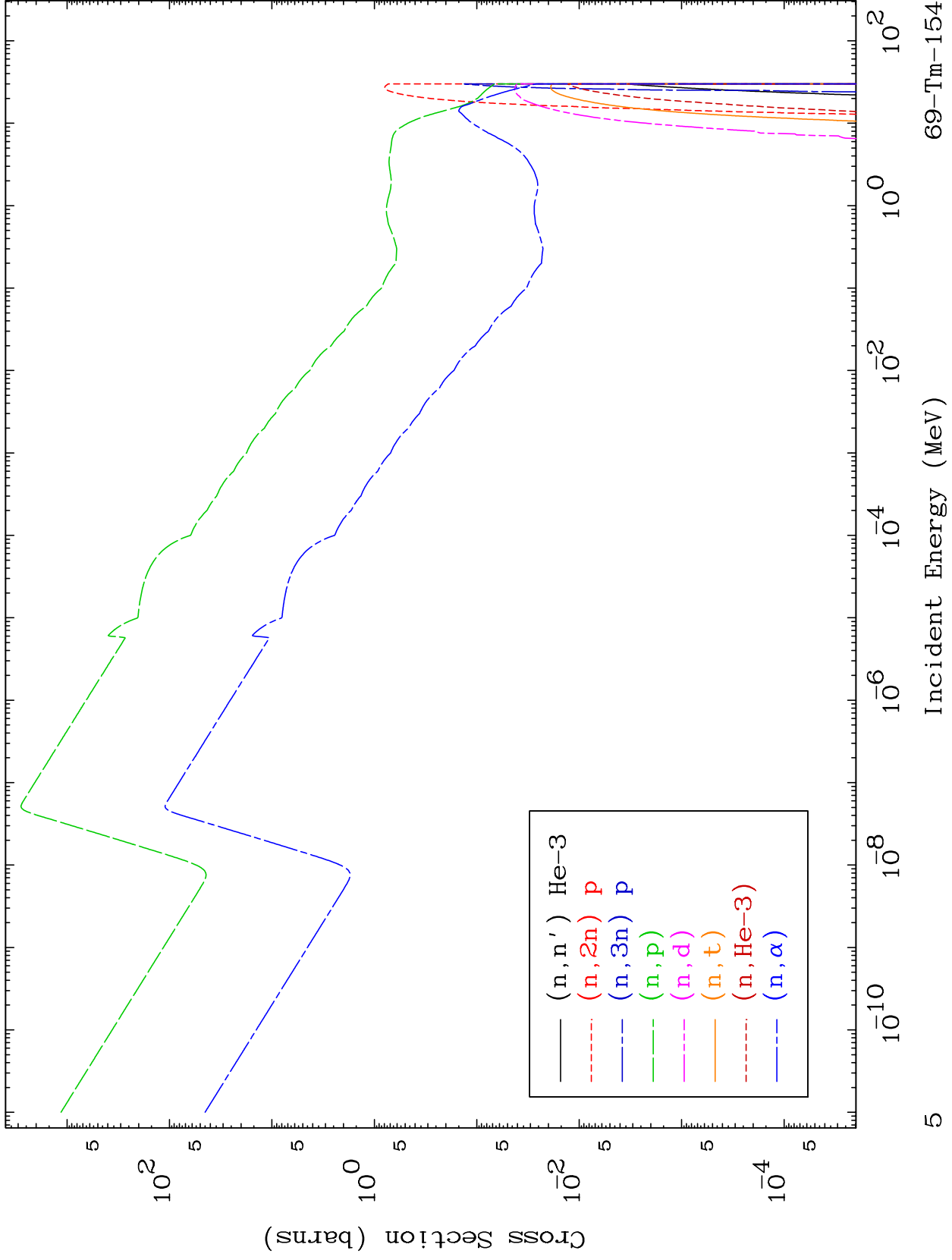
69-Tm-154



MAT 6881

Charged Particle
293 Kelvin Cross Sections

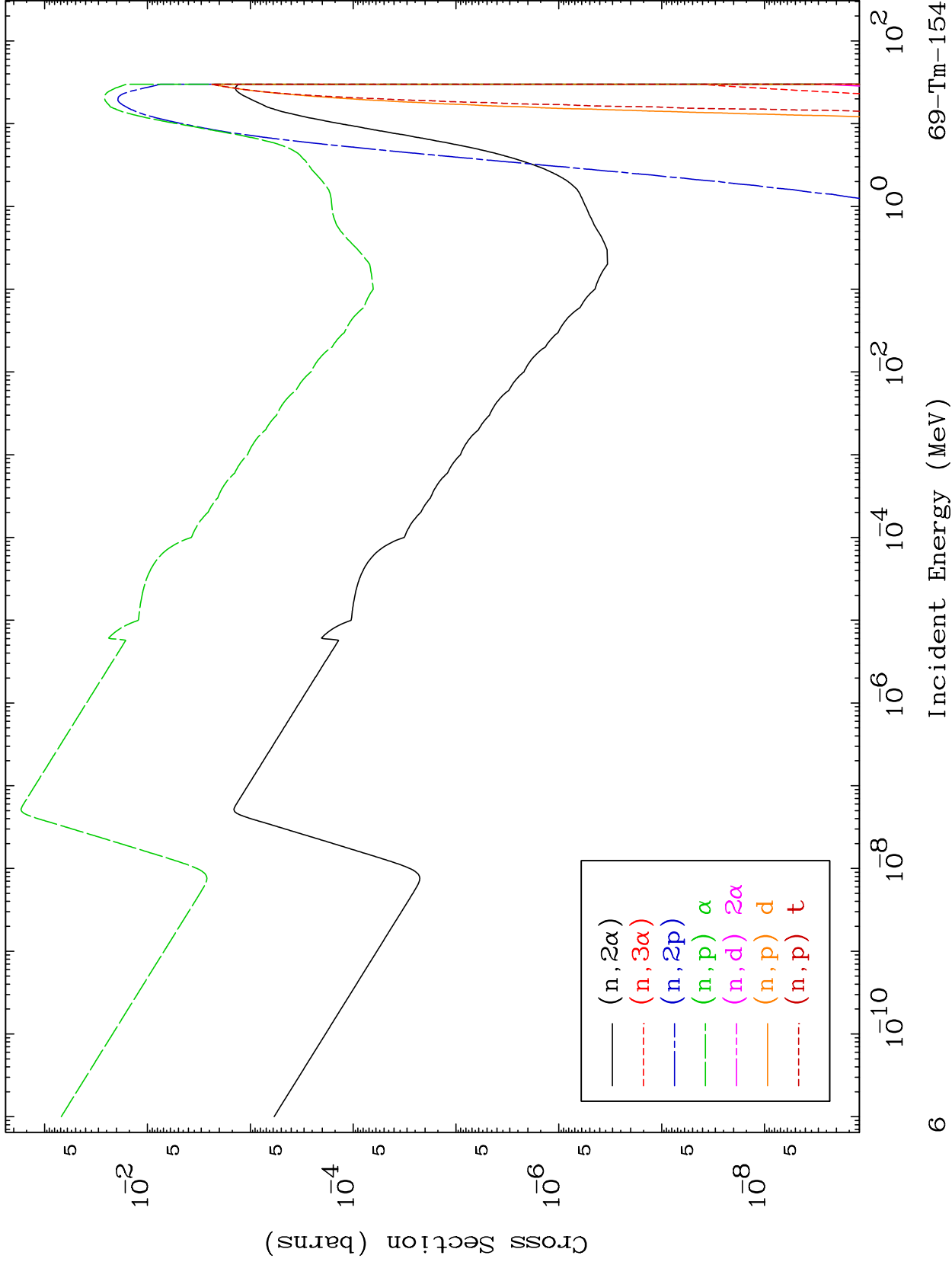
69-Tm-154



MAT 6881

Charged Particle
293 Kelvin Cross Sections

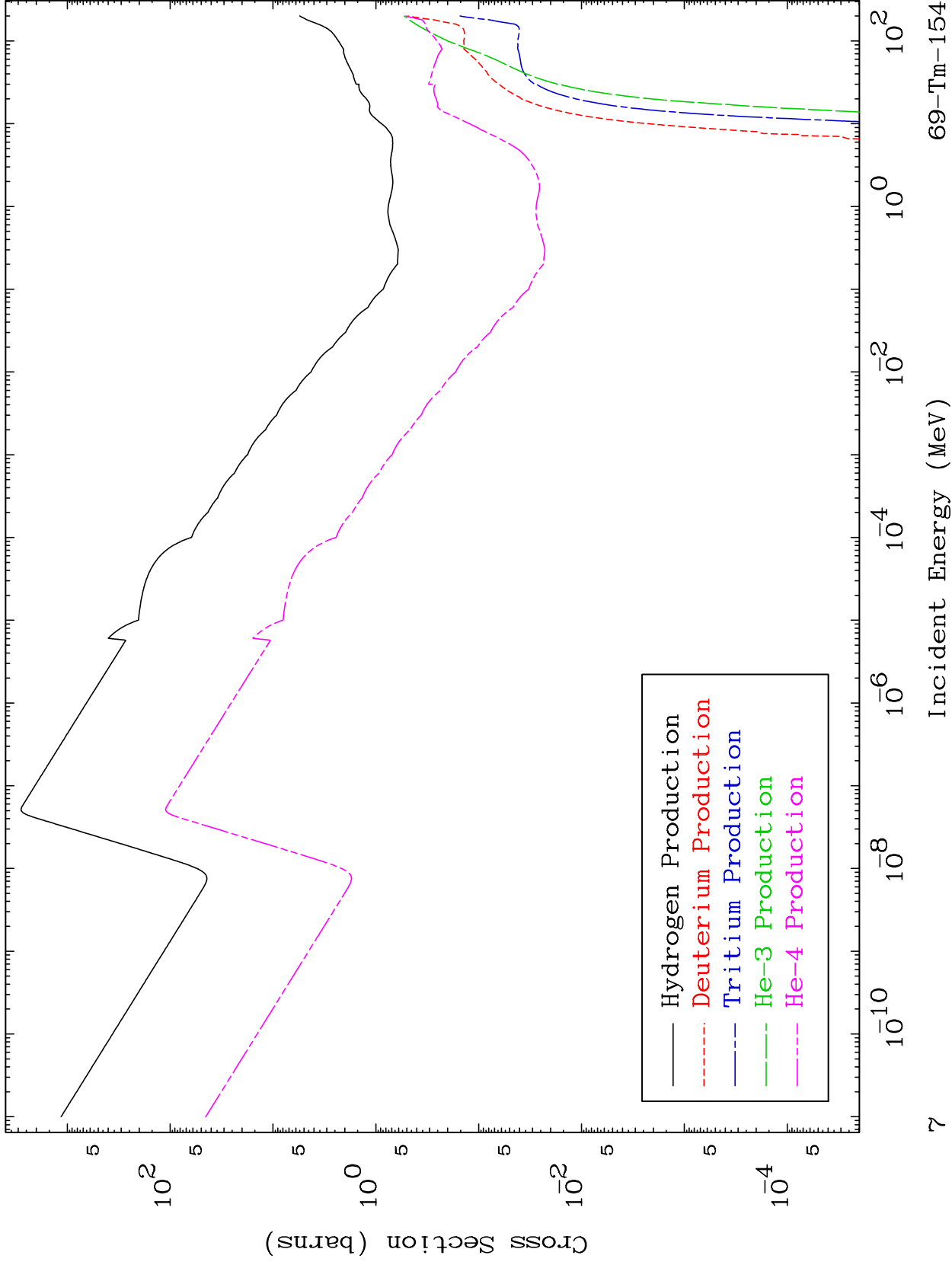
69-Tm-154



MAT 6881

Particle Production
293 Kelvin Cross Sections

69-Tm-154

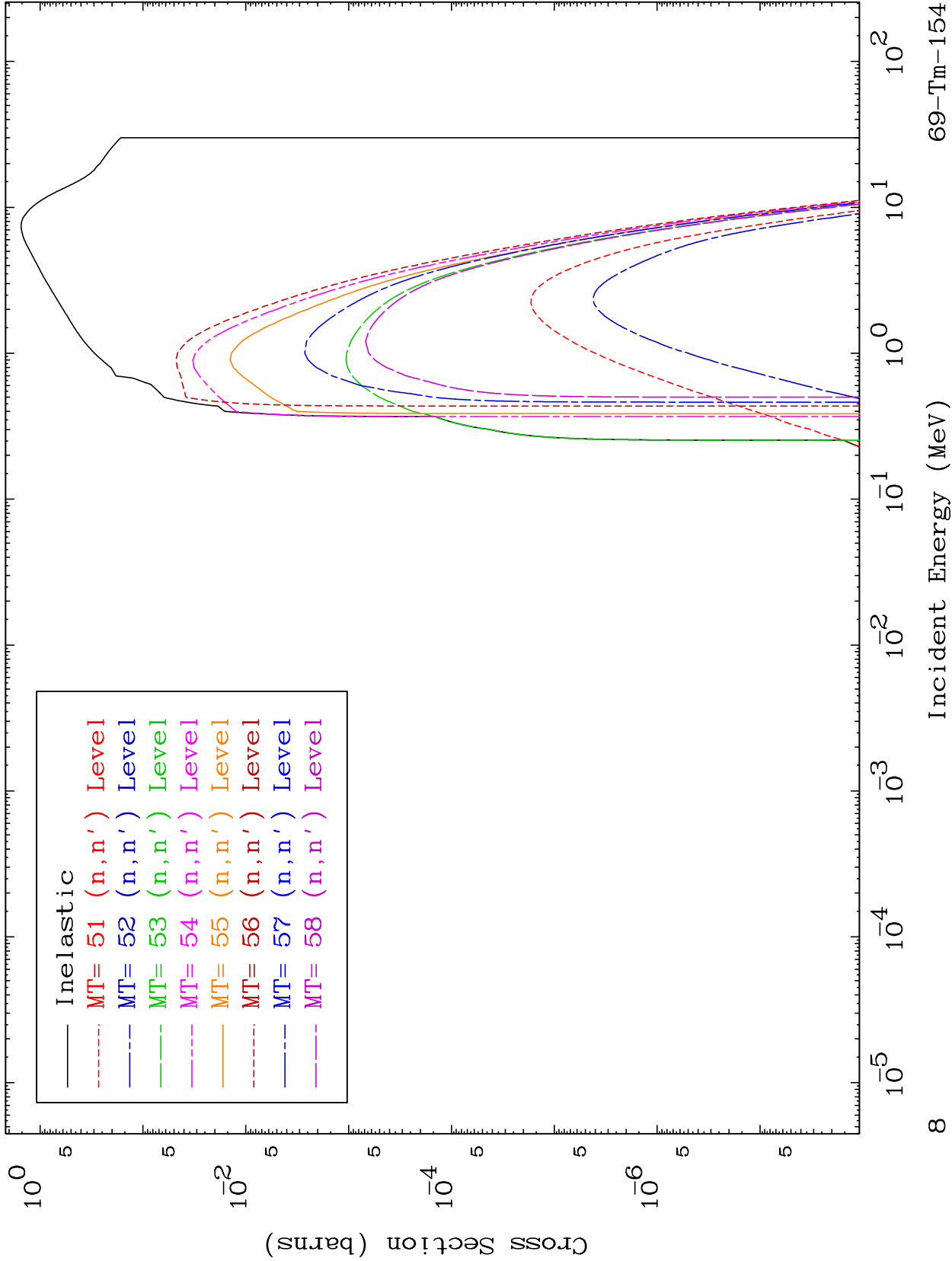


MAT 6881

(n,n') Level

69-Tm-154

293 Kelvin Cross Sections

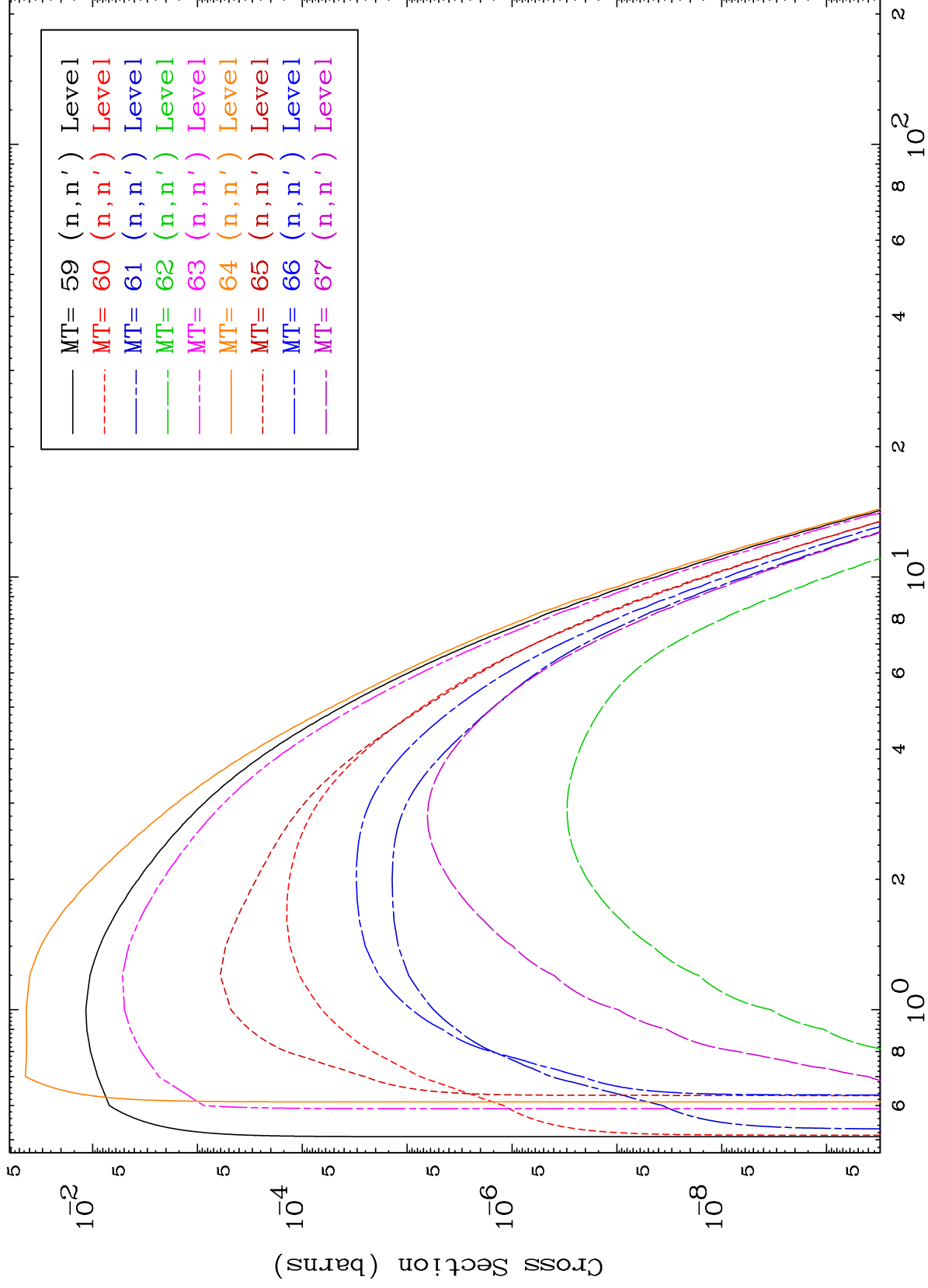


MAT 6881

(n,n') Level

293 Kelvin Cross Sections

69-Tm-154



9

Incident Energy (MeV)

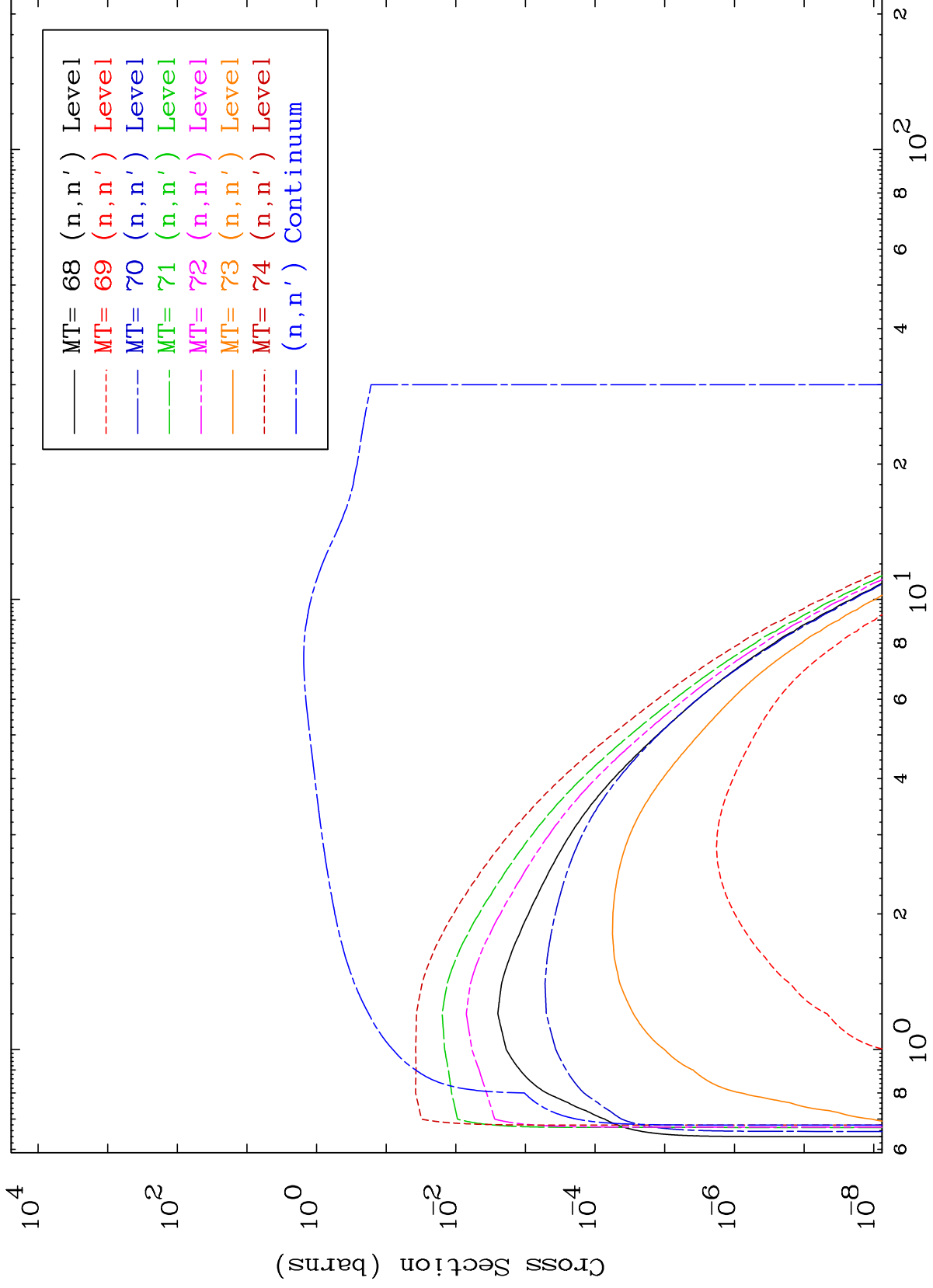
69-Tm-154

MAT 6881

(n,n') Level

293 Kelvin Cross Sections

69-Tm-154



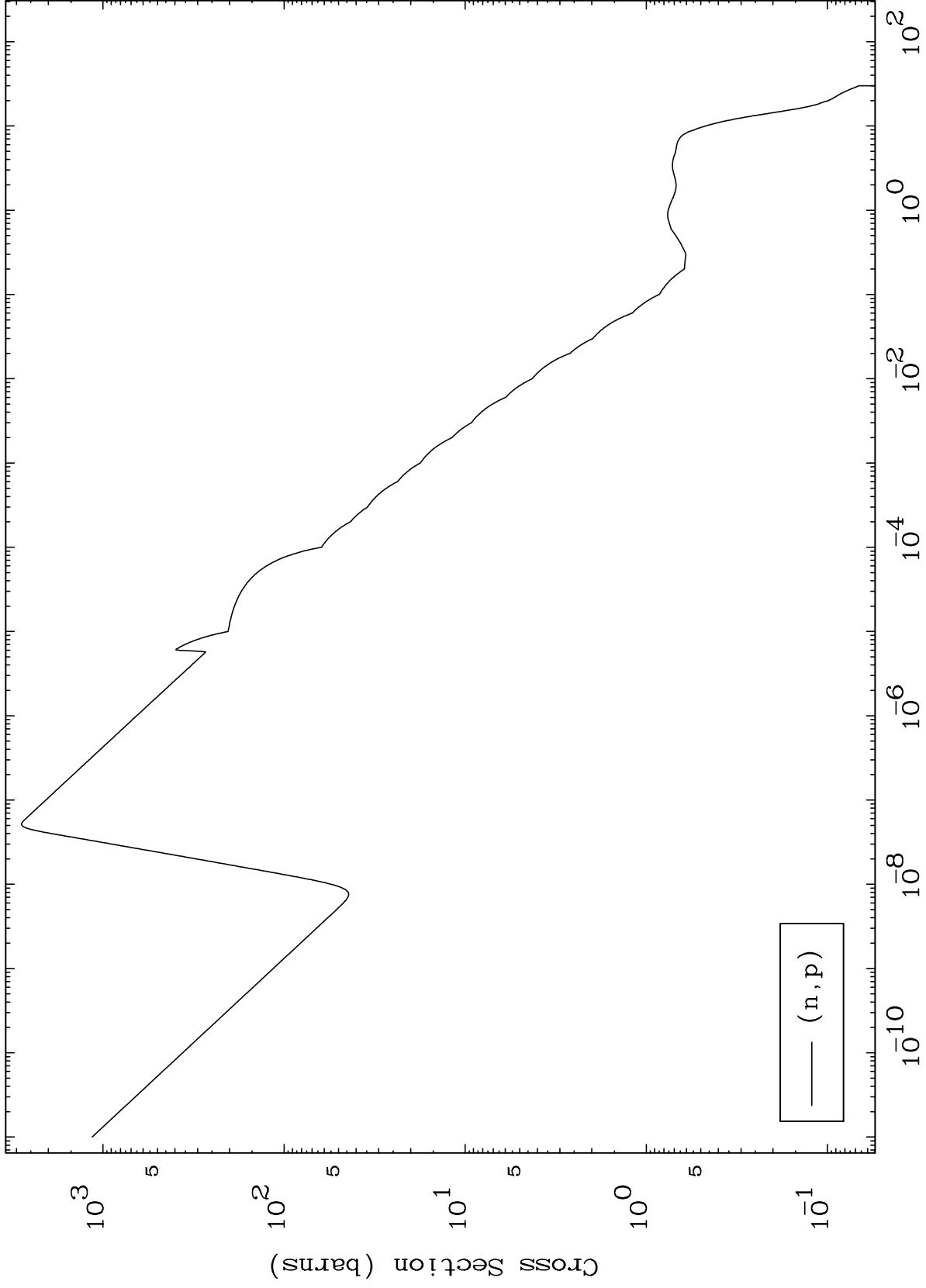
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,p) Levels
293 Kelvin Cross Sections

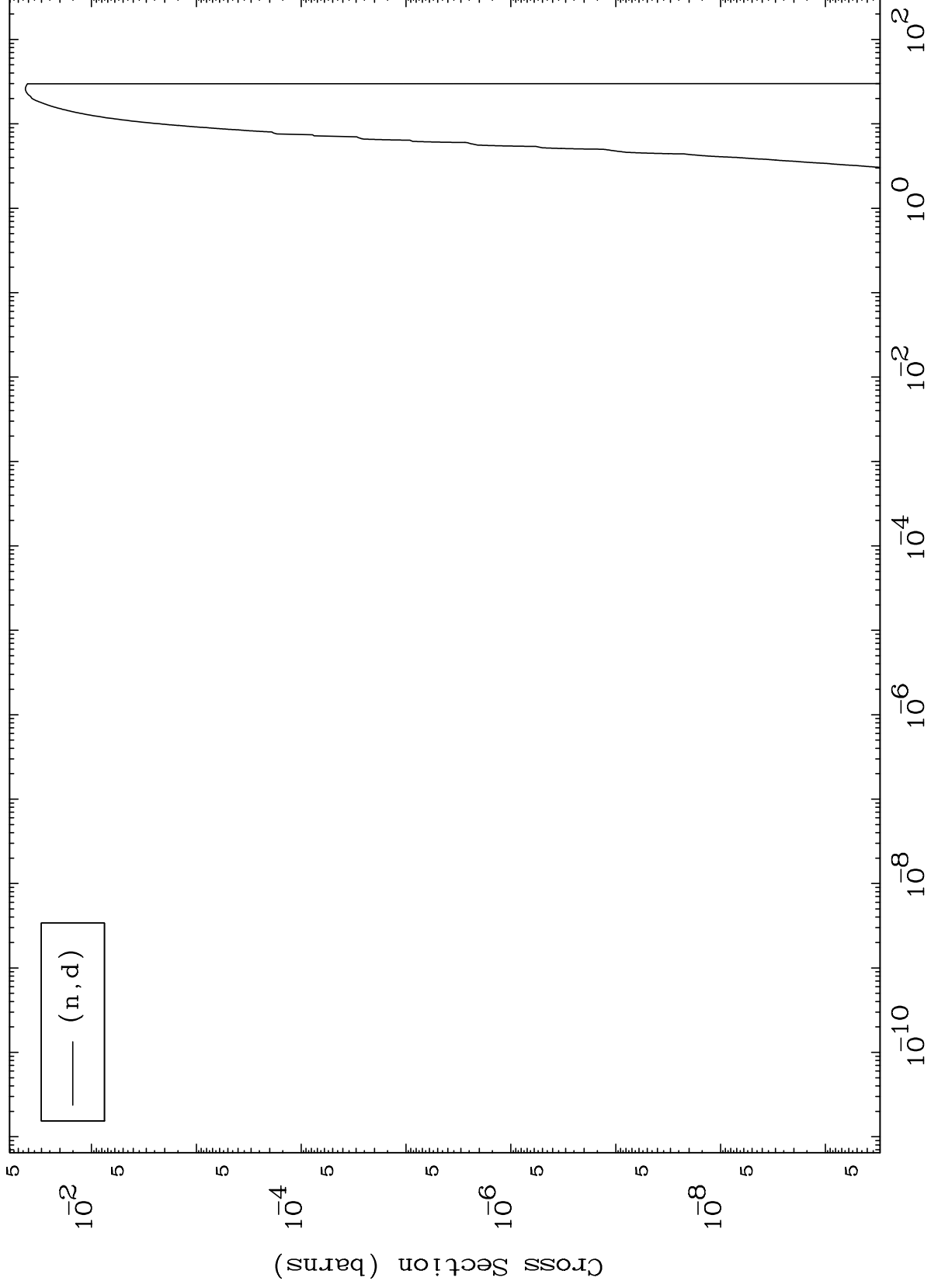
69-Tm-154



MAT 6881

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-154



12

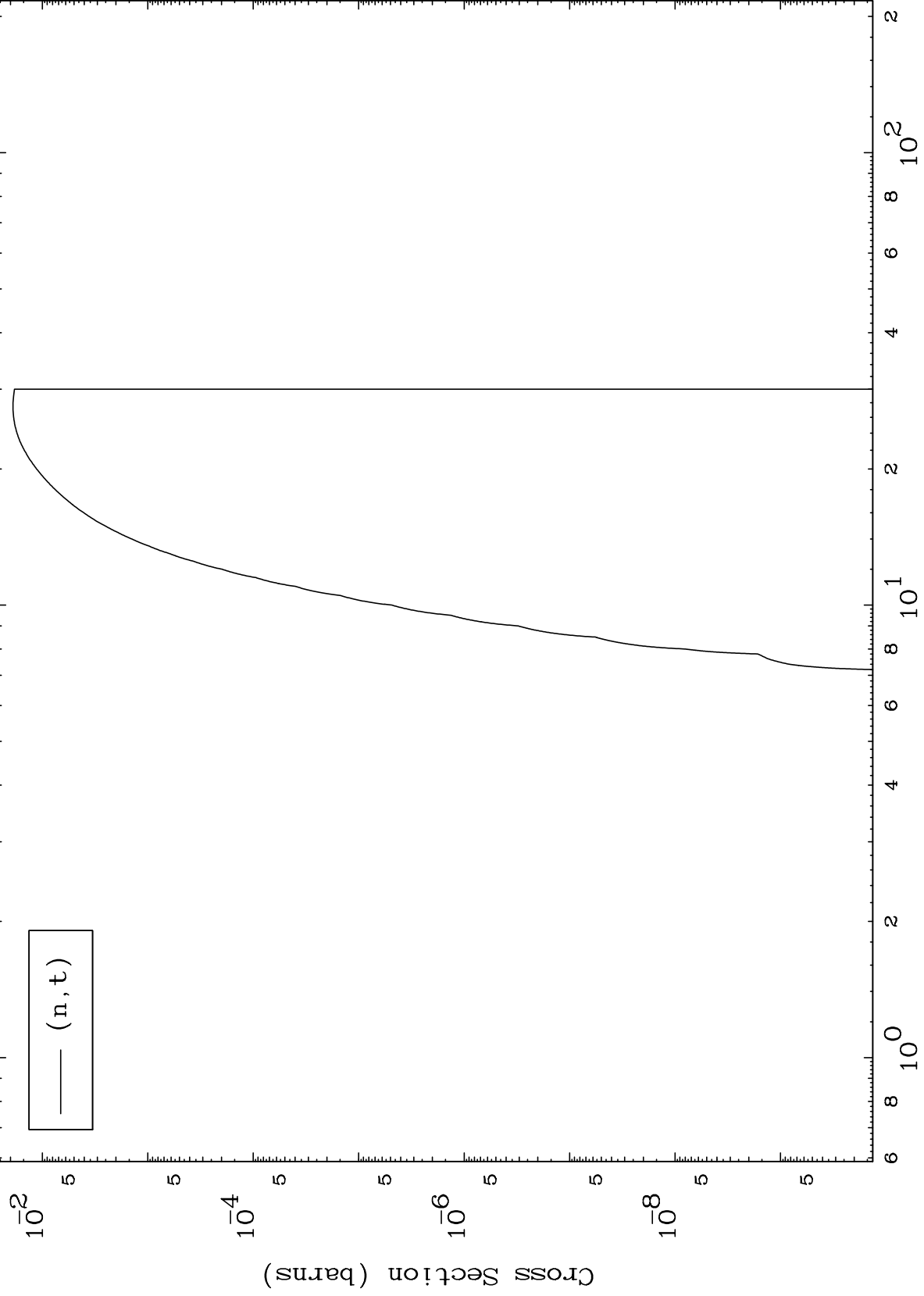
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-154



13

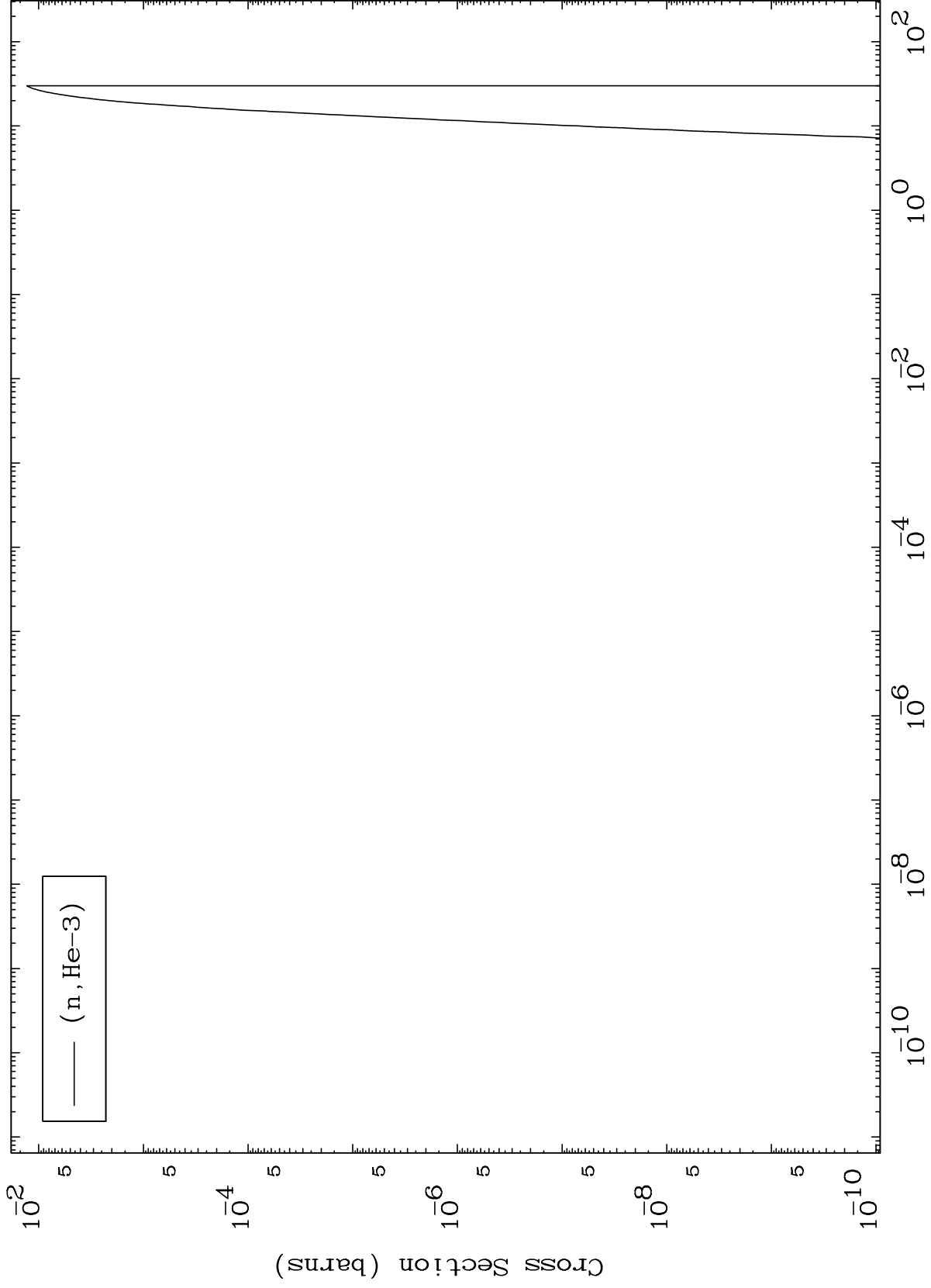
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,He3) Levels
293 Kelvin Cross Sections

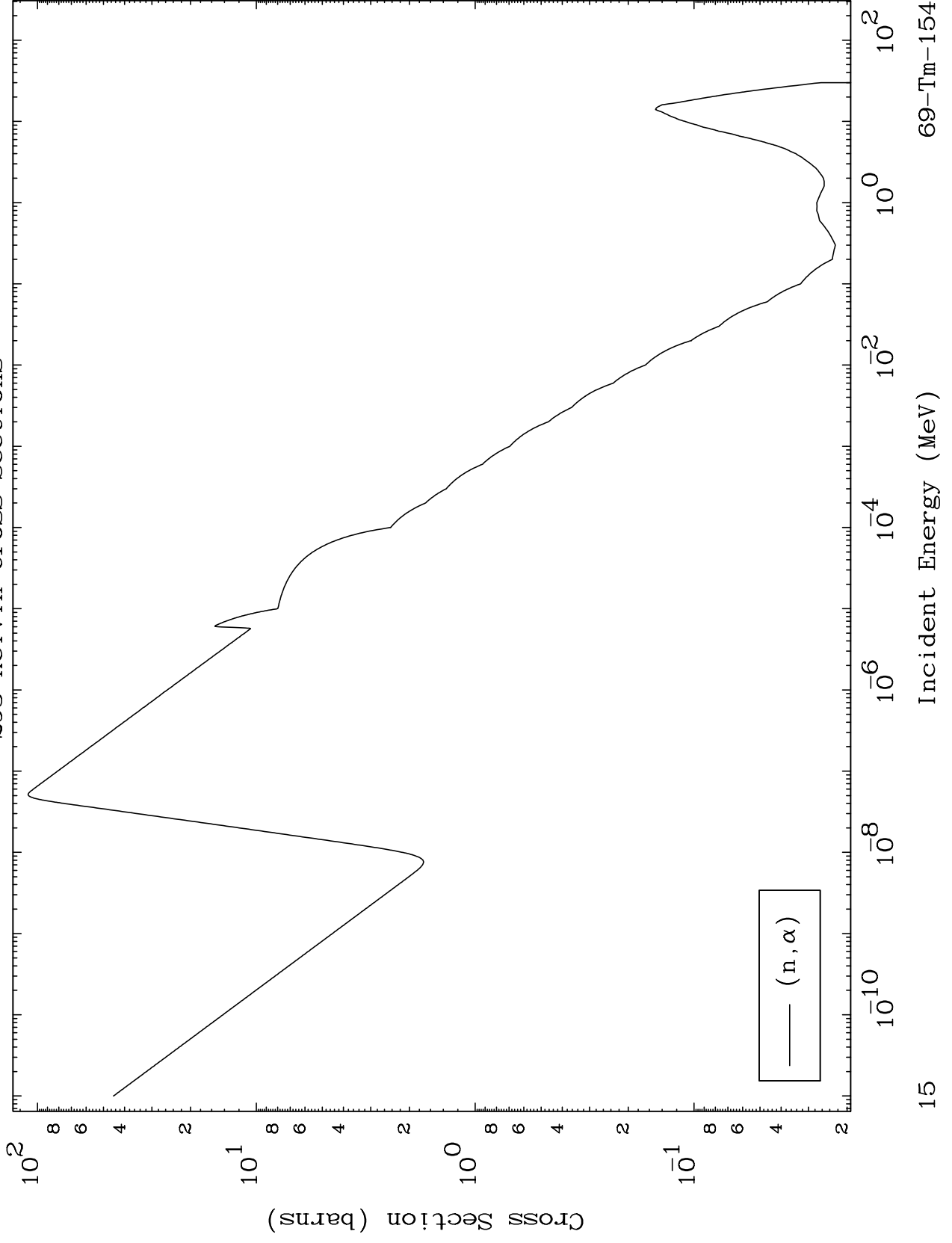
69-Tm-154

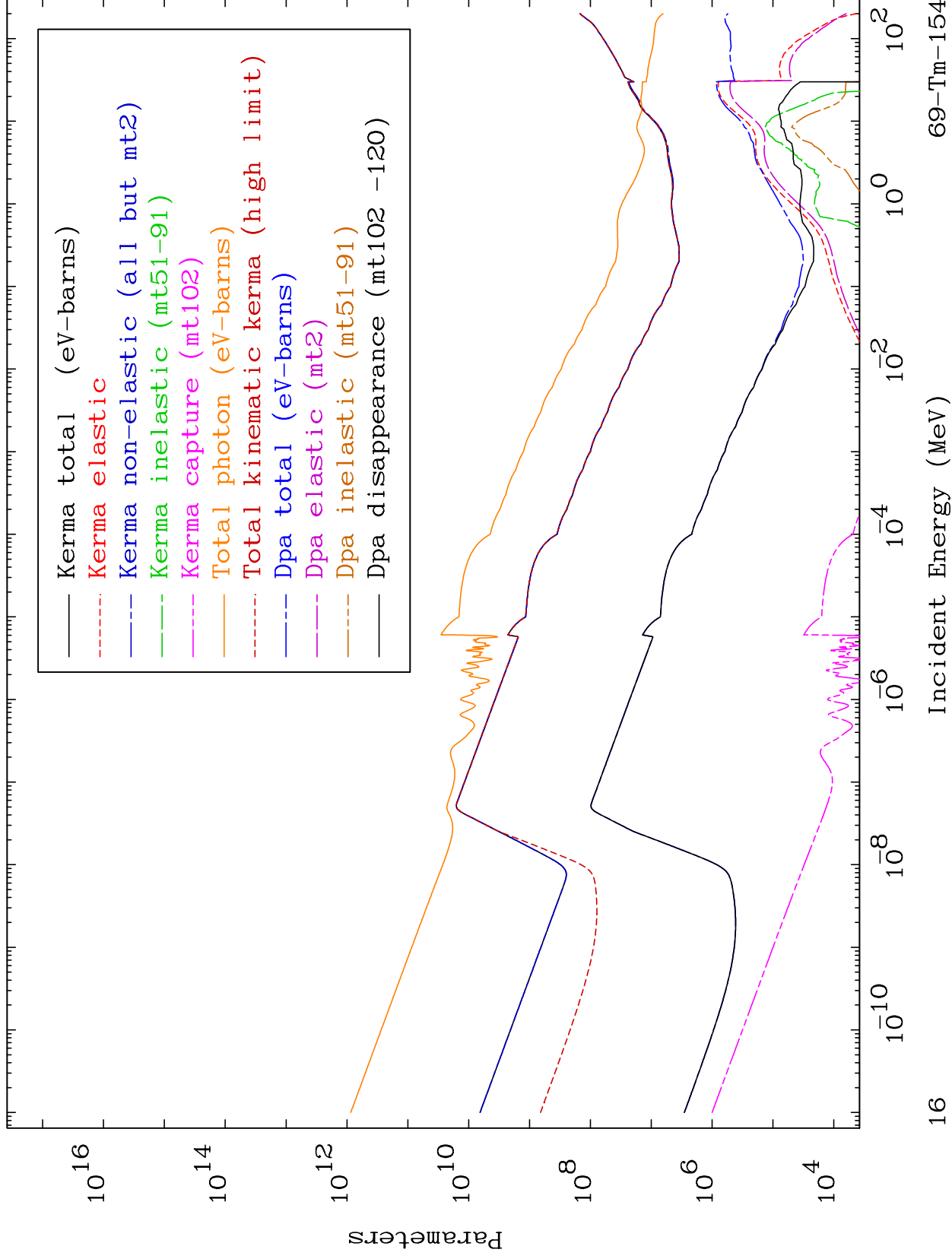


MAT 6881

(n,α) Levels
293 Kelvin Cross Sections

69-Tm-154

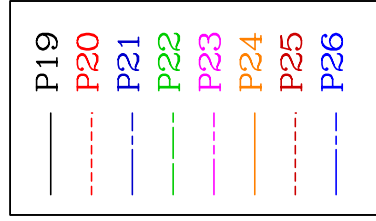




MAT 6881

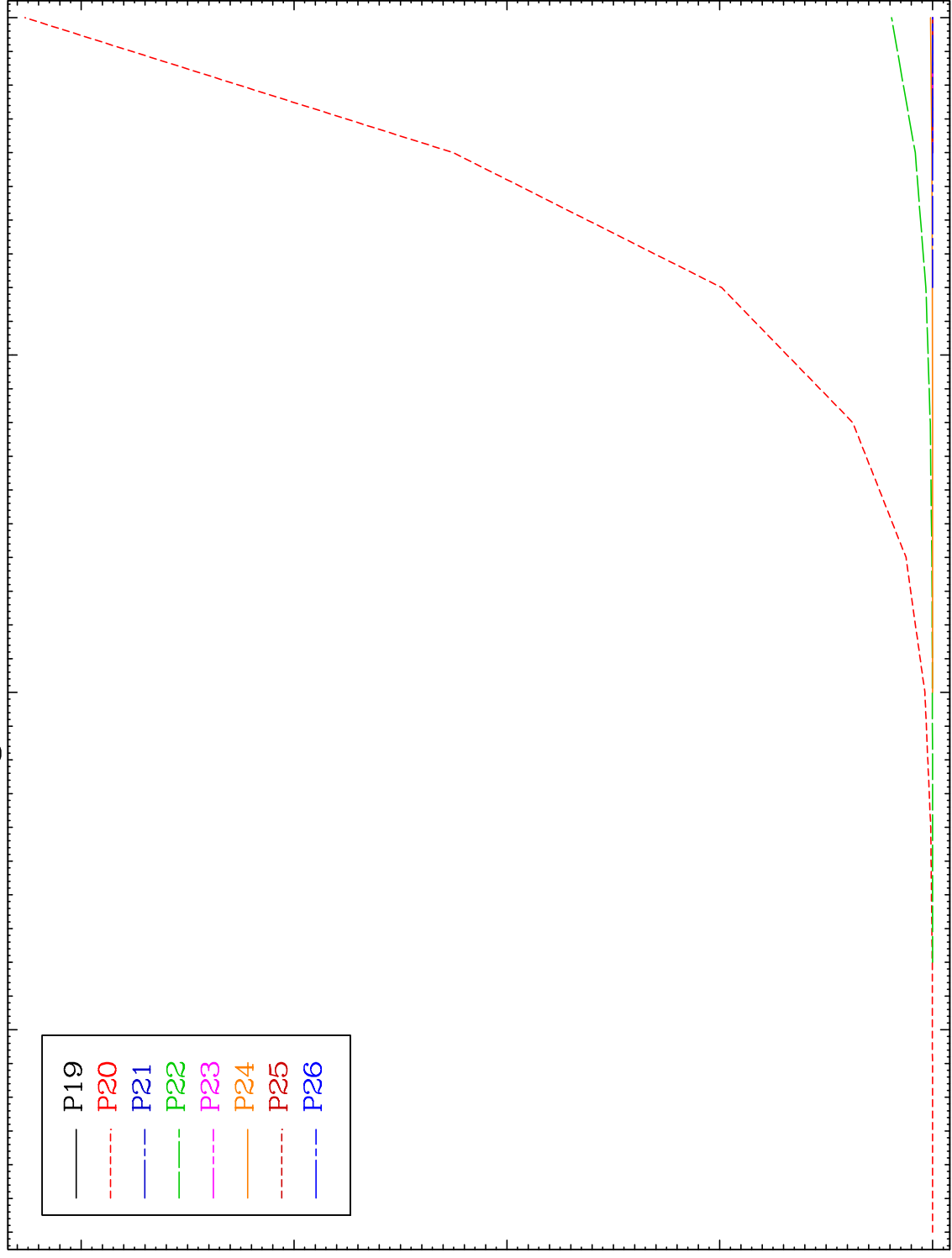
Elastic
Legendre Coefficients

69-Tm-154



$\times 10^{-6}$

Legendre (CM)



19

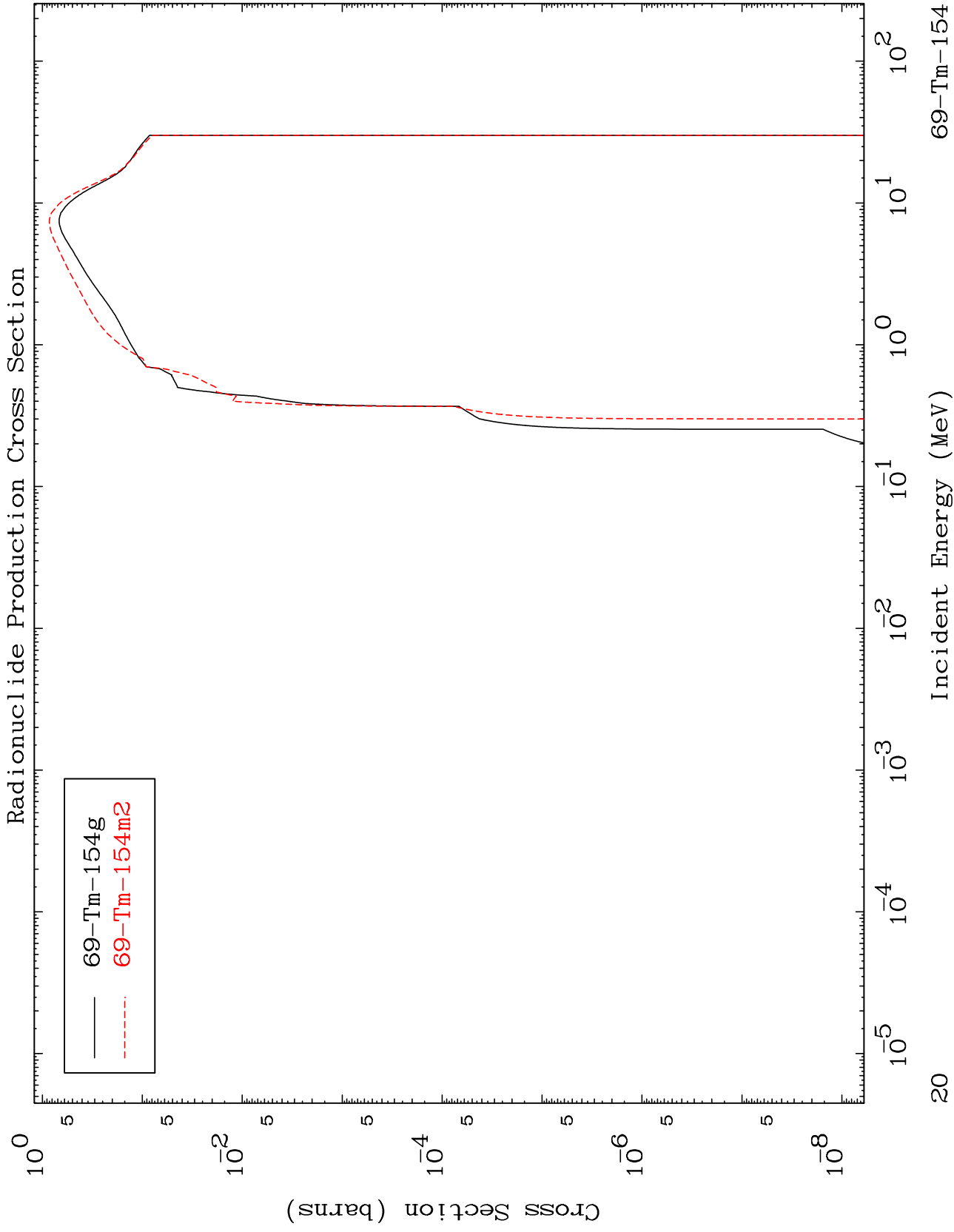
Incident Energy (MeV)

69-Tm-154

MAT 6881

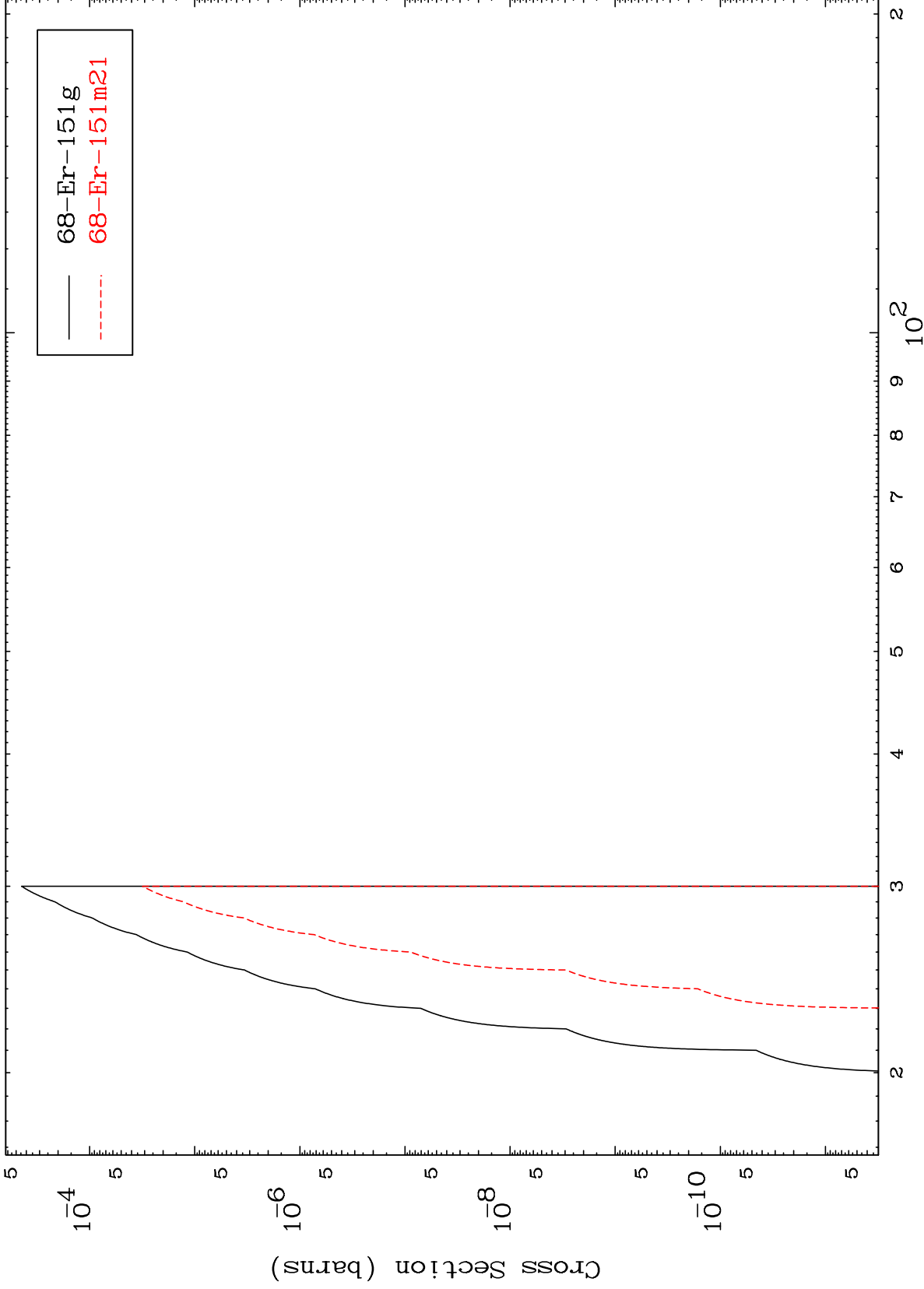
Inelastic

69-Tm-154



20

Radionuclide Production Cross Section

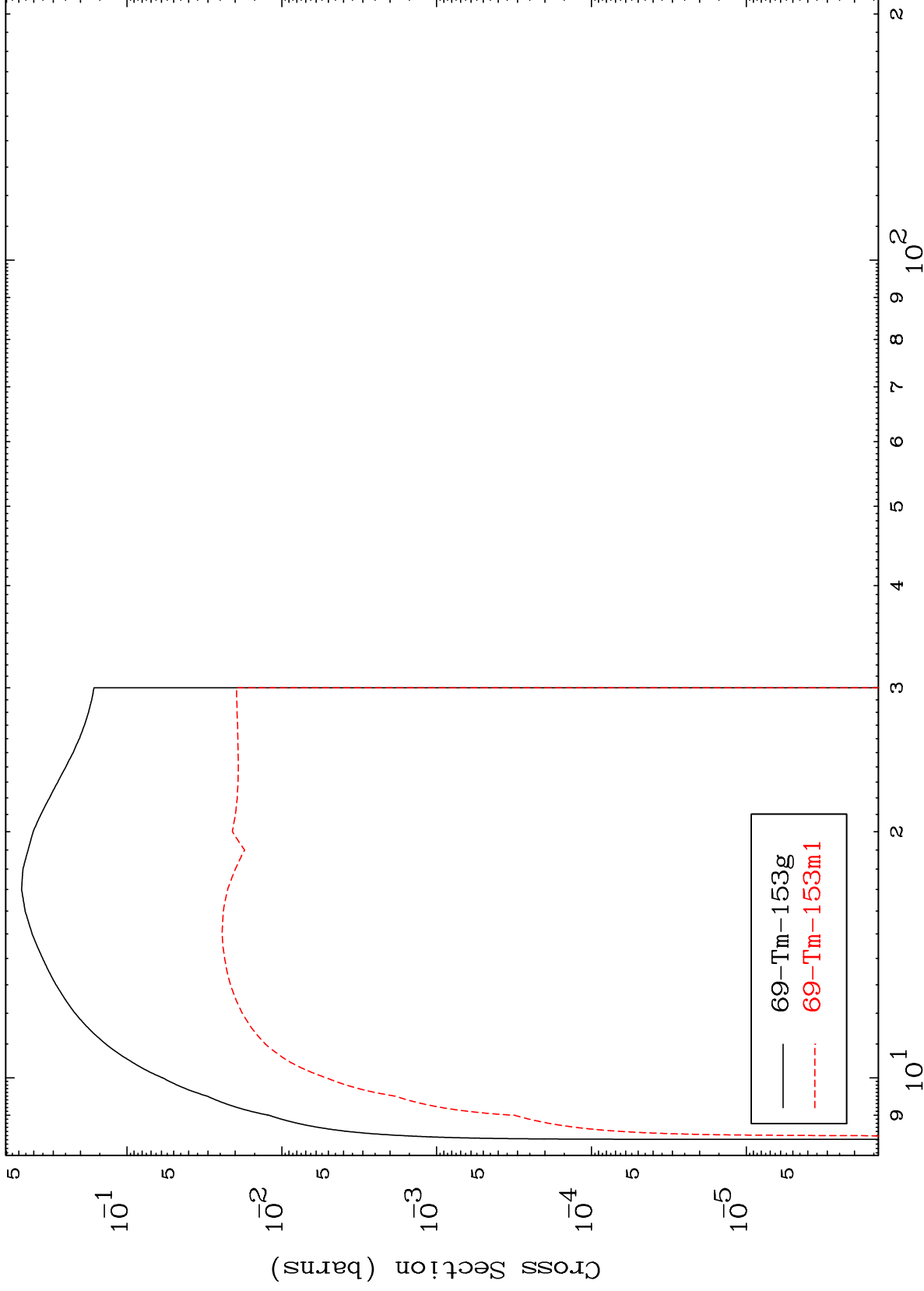


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(n,2n)

69-Tm-154

Radionuclide Production Cross Section

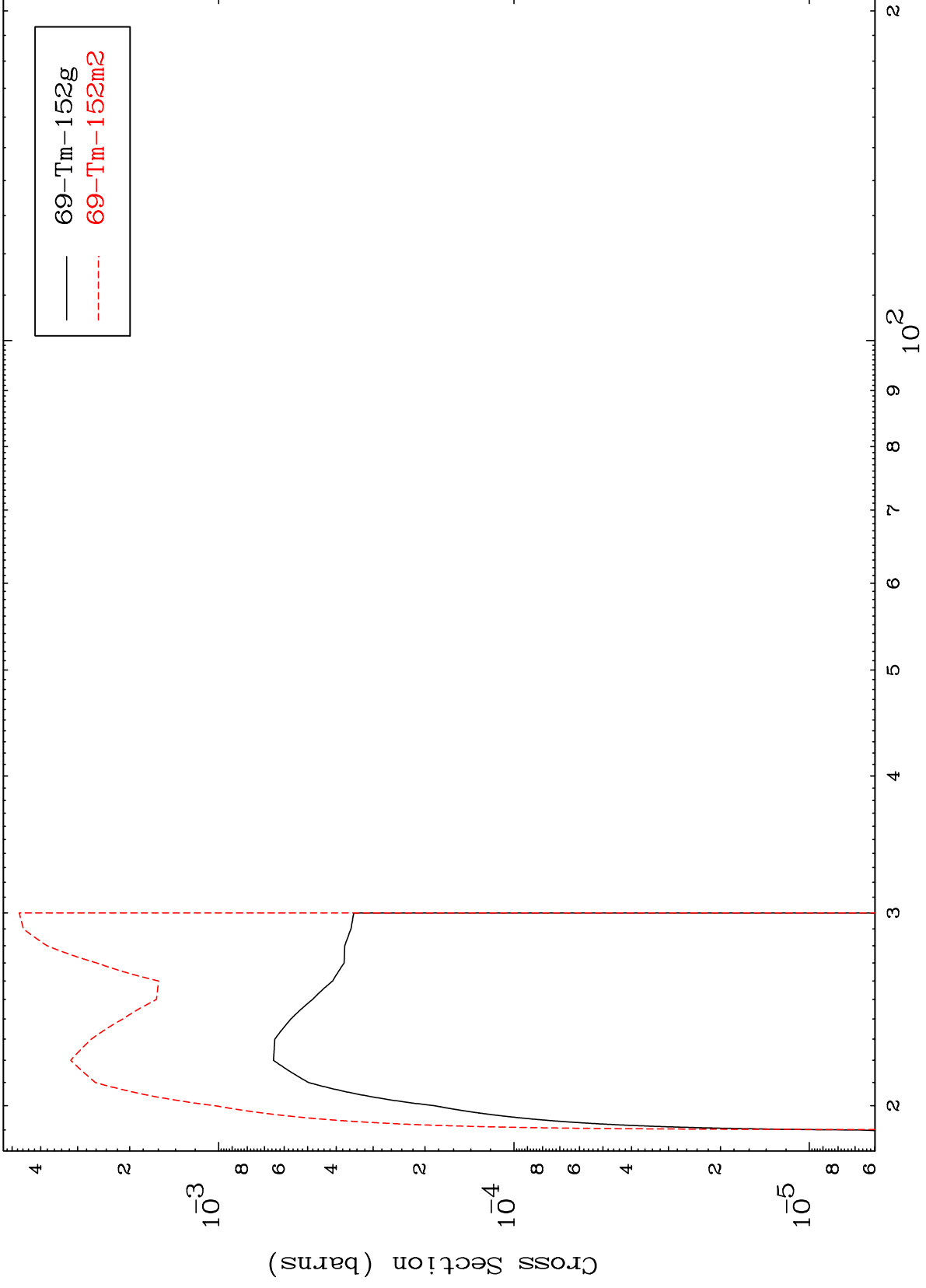


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(n,3n)

69-Tm-154

Radionuclide Production Cross Section



23

Incident Energy (MeV)

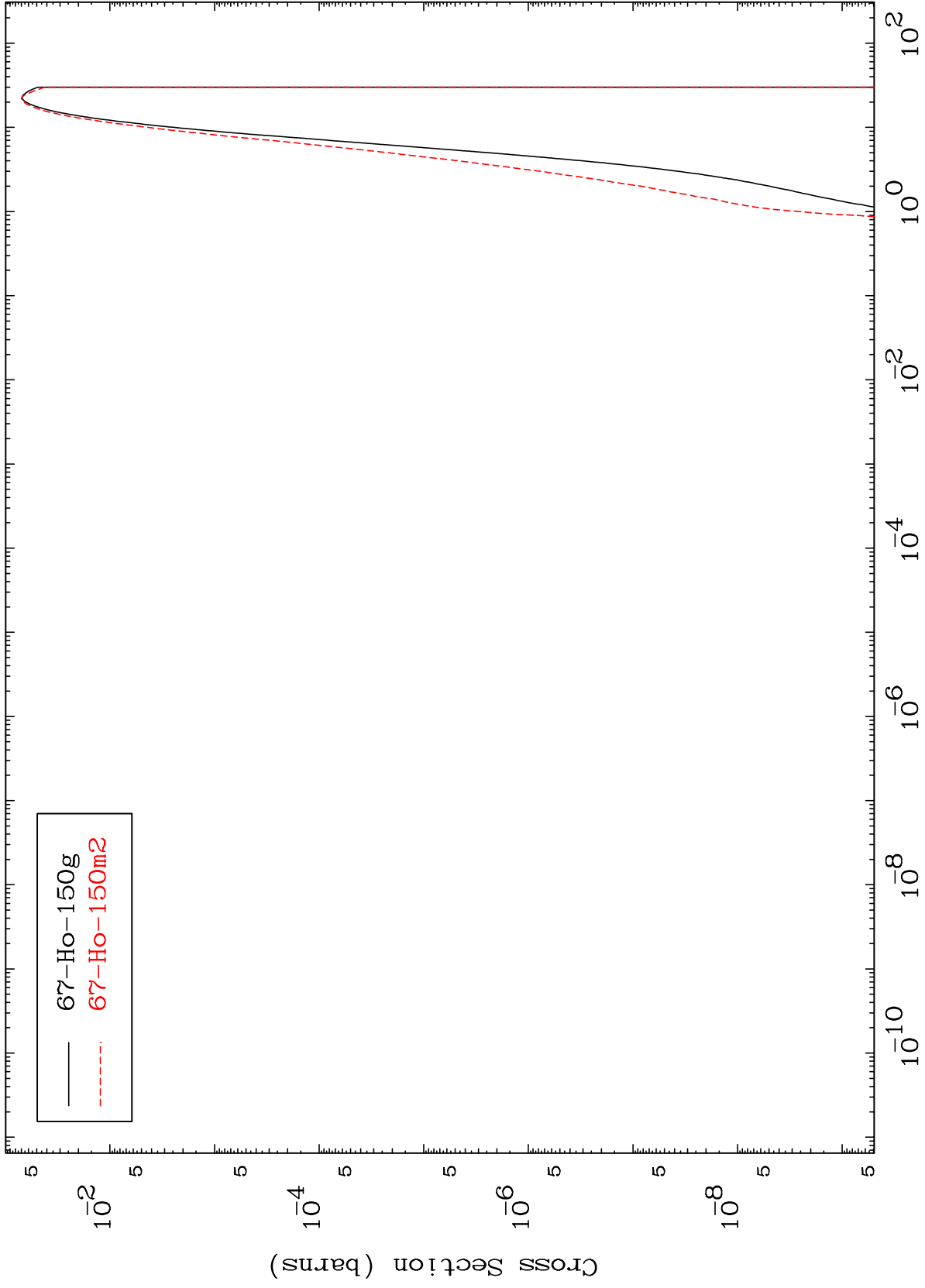
69-Tm-154

MAT 6881

(n, n') α

69-Tm-154

Radionuclide Production Cross Section

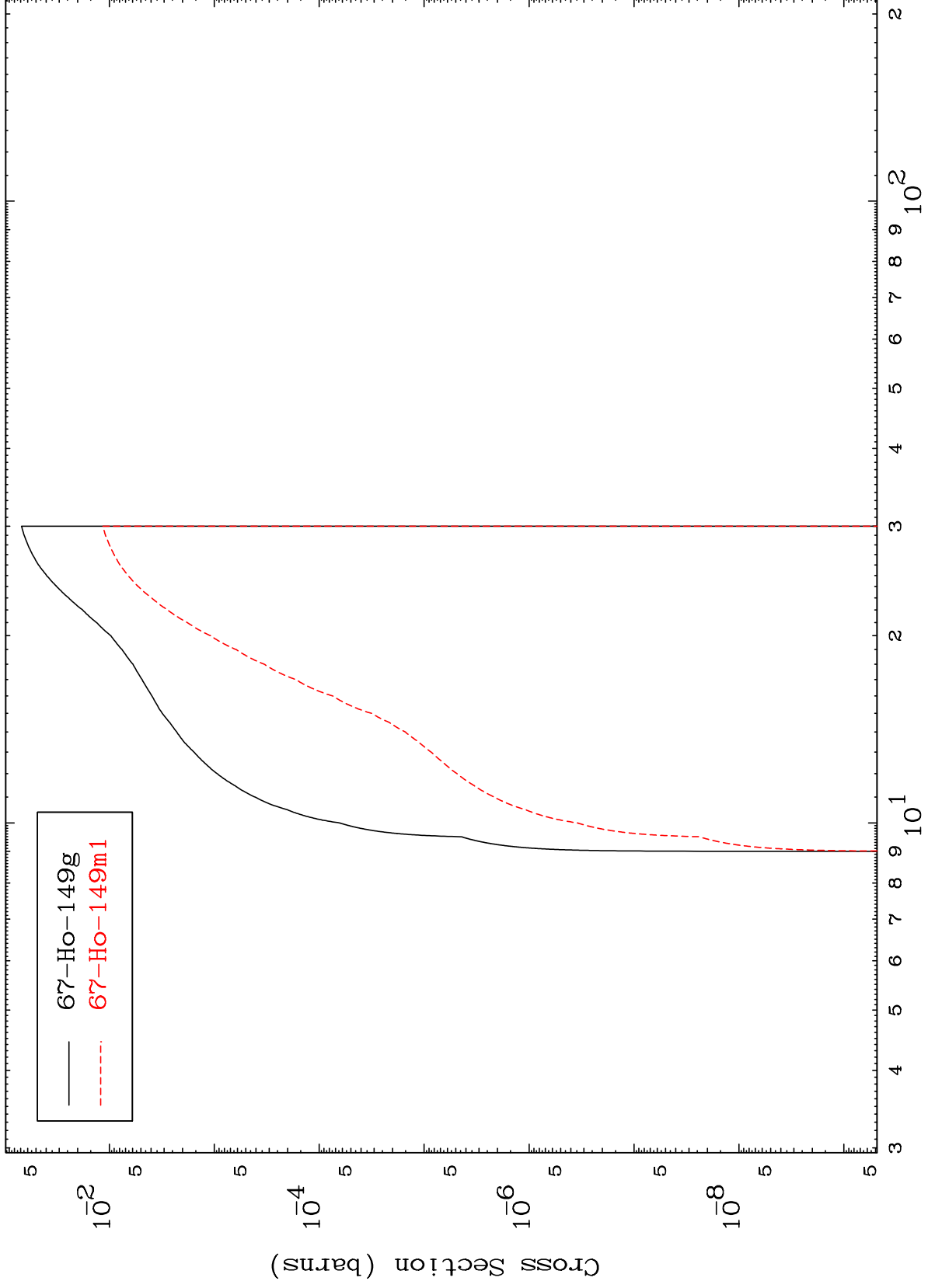


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$(n,2n) \alpha$

69-Tm-154

Radionuclide Production Cross Section

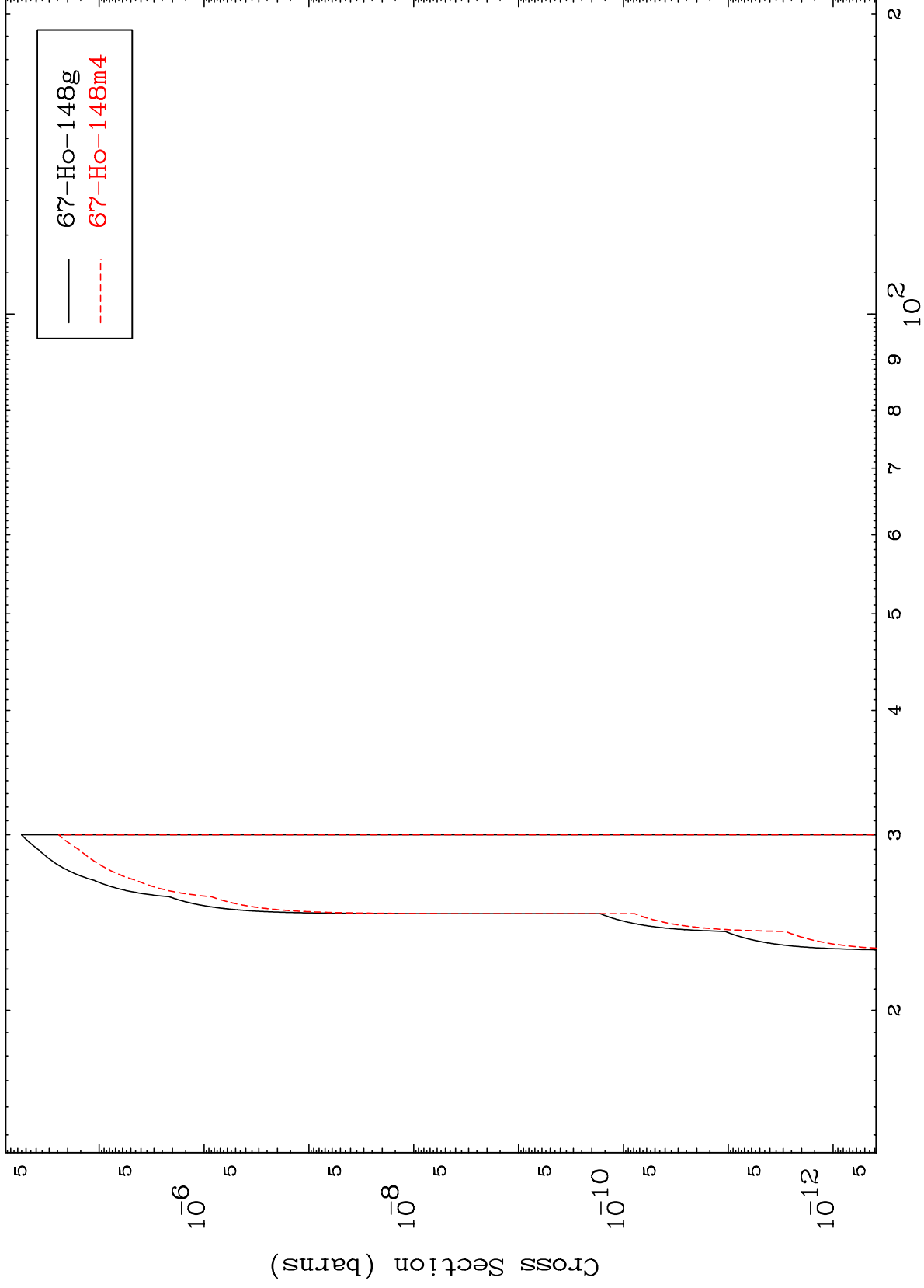


25

Incident Energy (MeV)

69-Tm-154

Radionuclide Production Cross Section

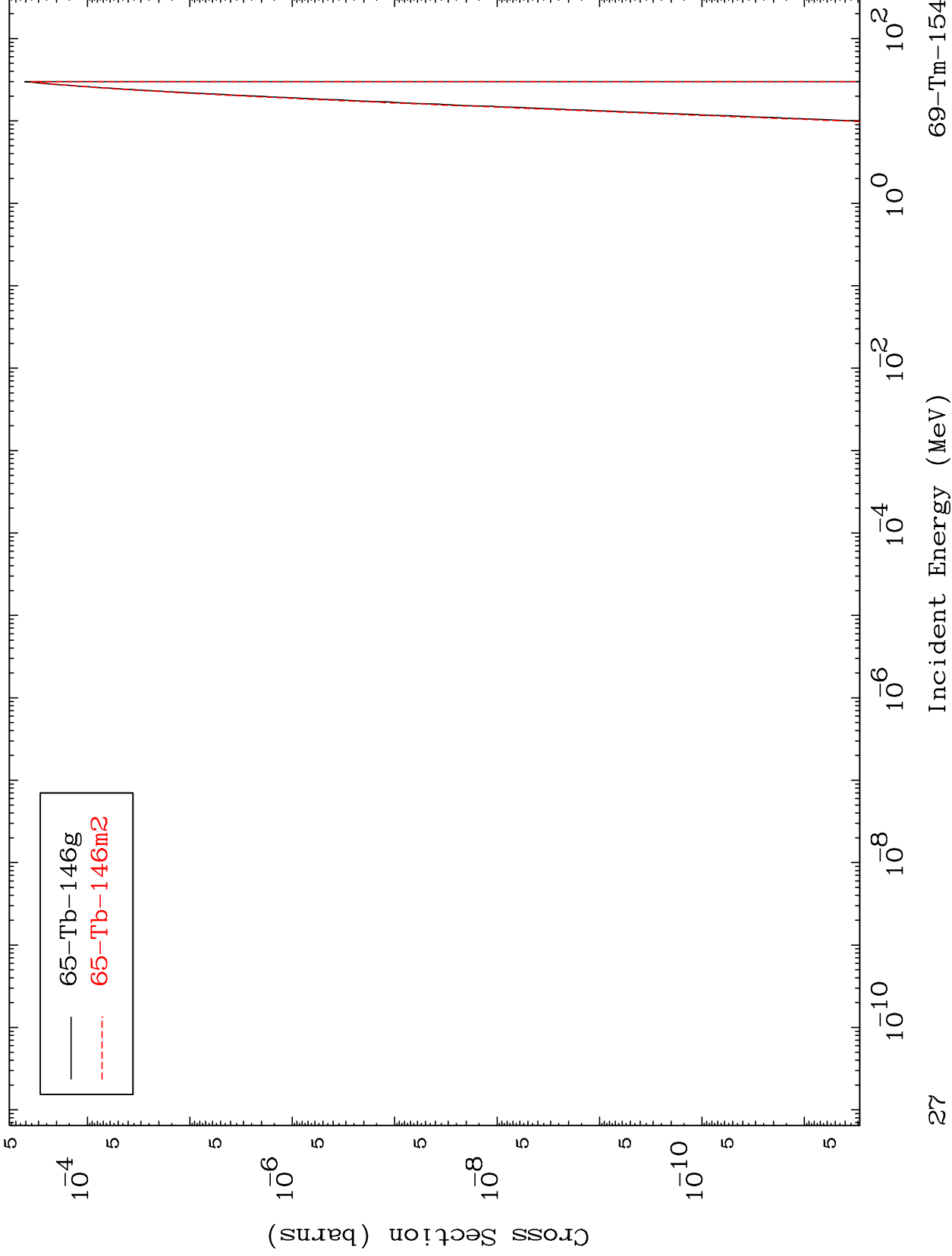


MAT 6881

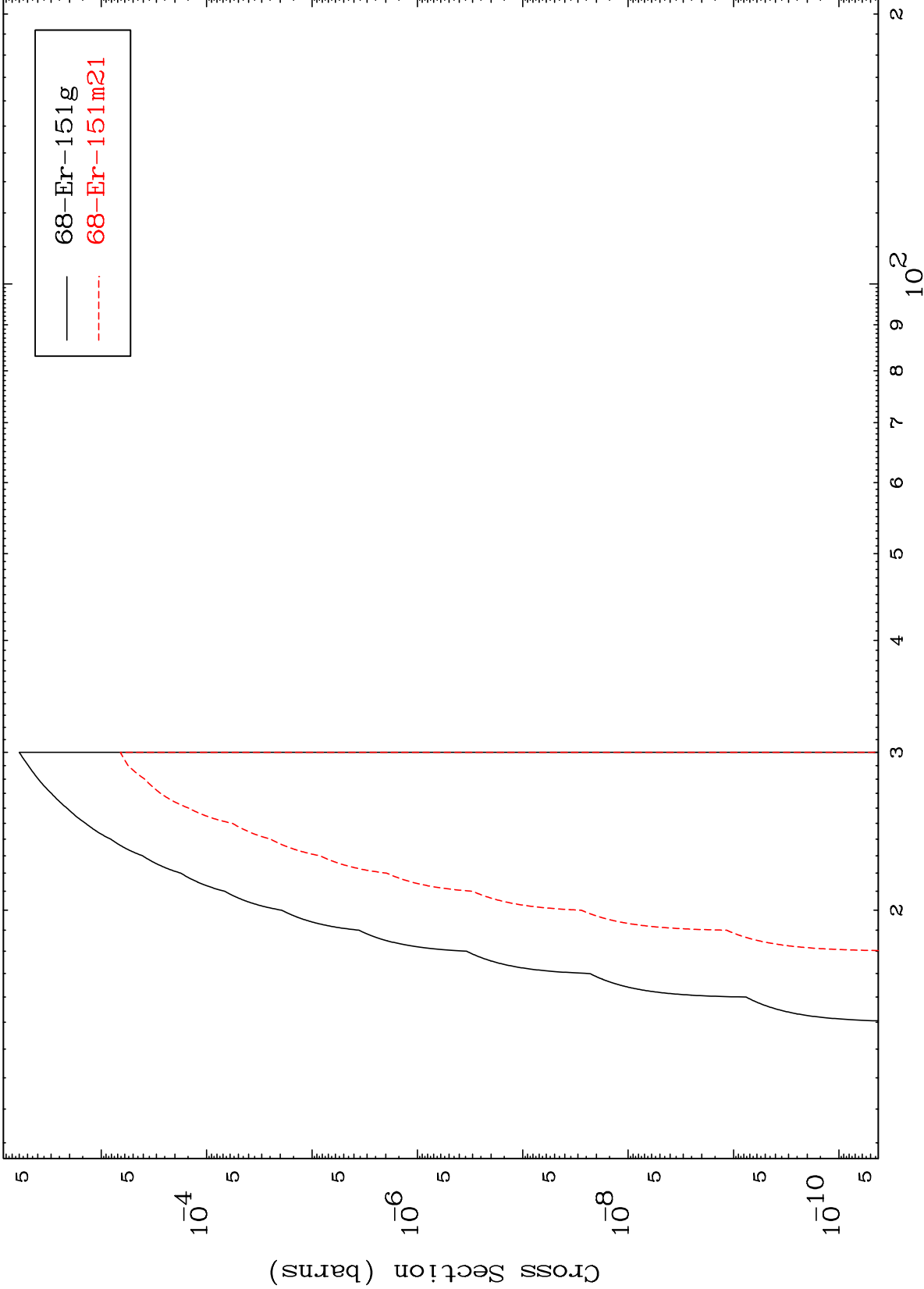
(n,n') 2 α

69-Tm-154

Radionuclide Production Cross Section



Radionuclide Production Cross Section



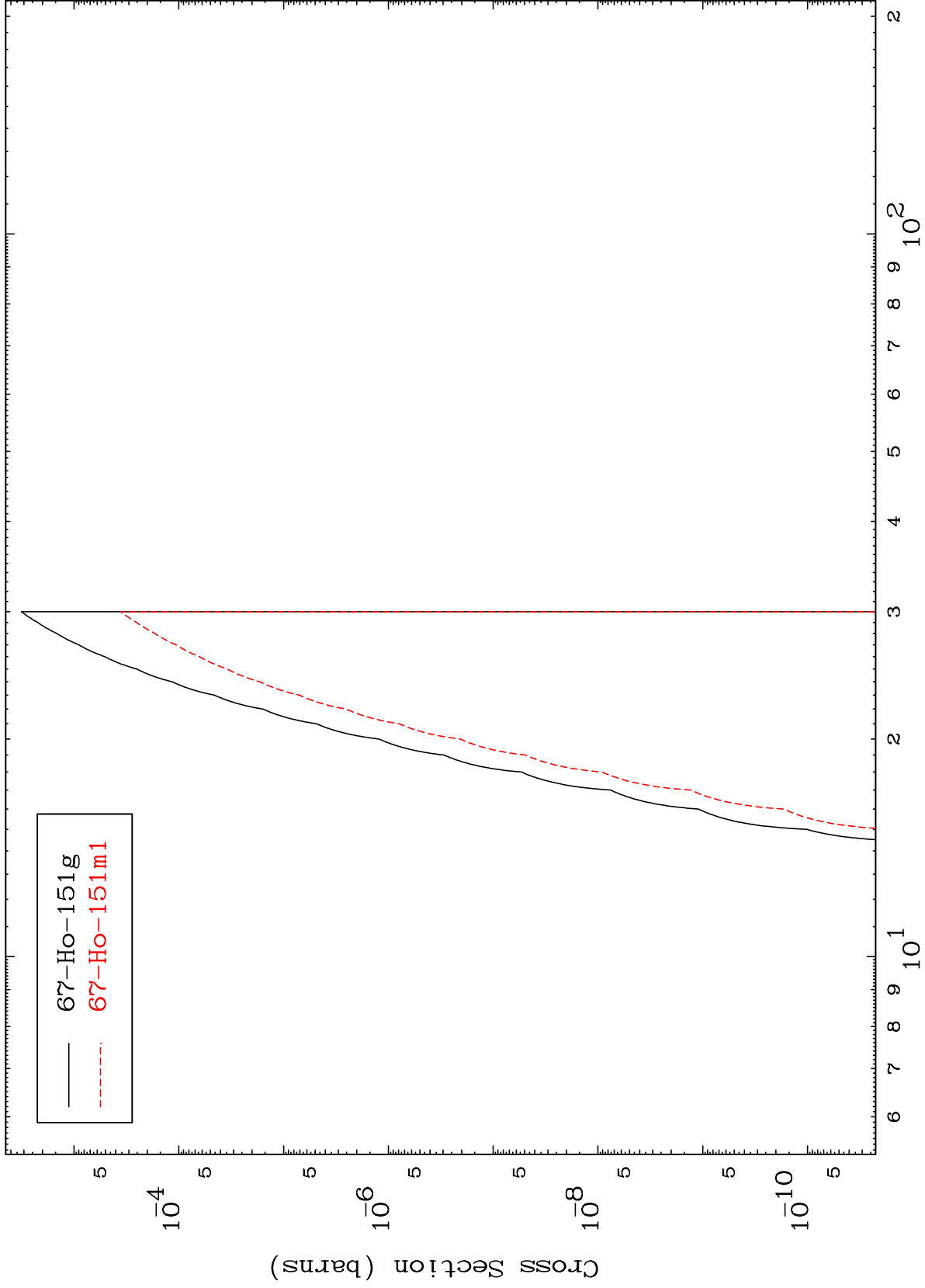
68-Er-151g
68-Er-151m21

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(n,n') He-3

69-Tm-154

Radionuclide Production Cross Section



29

Incident Energy (MeV)

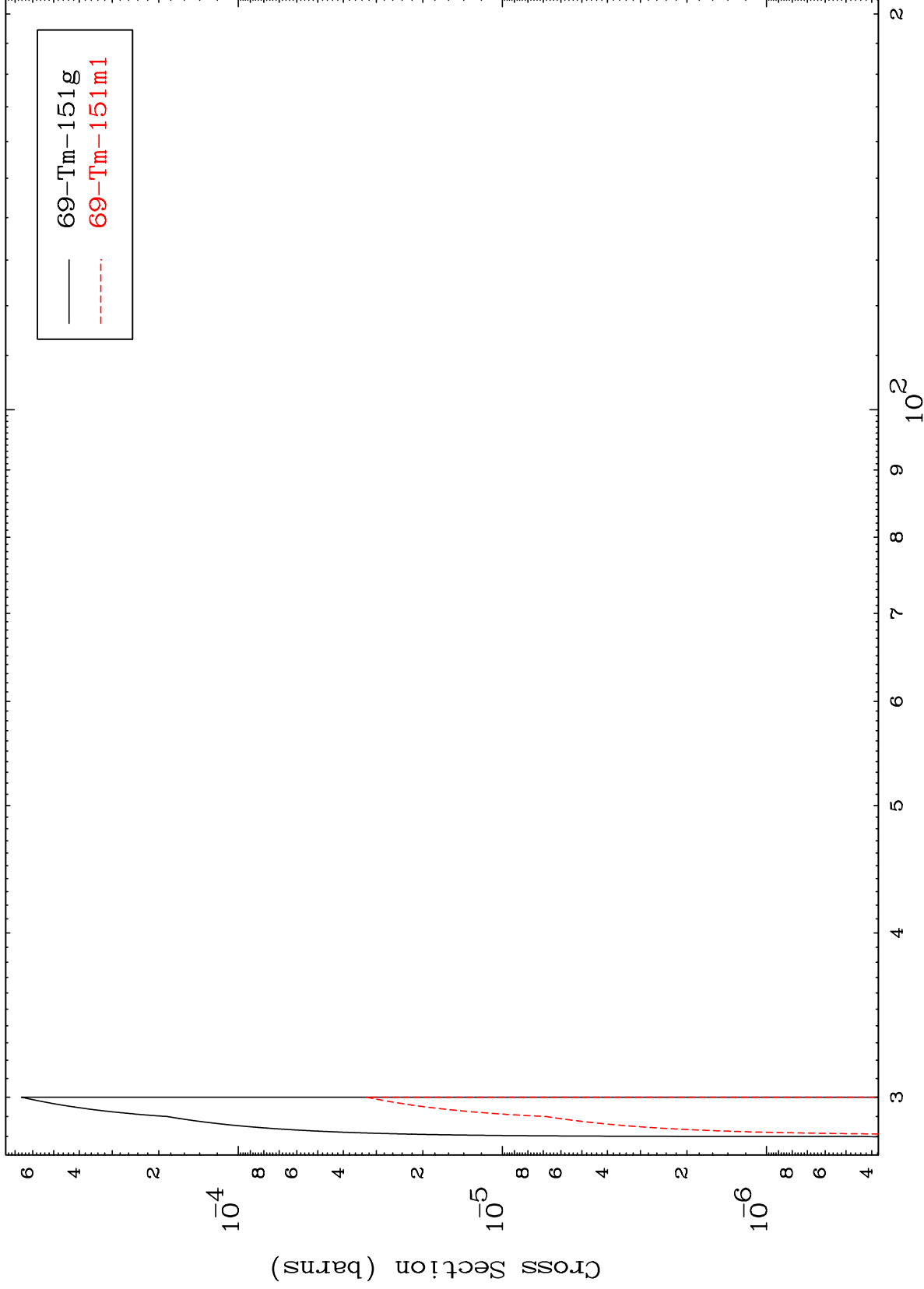
69-Tm-154

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(n,4n)

69-Tm-154

Radionuclide Production Cross Section



30

Incident Energy (MeV)

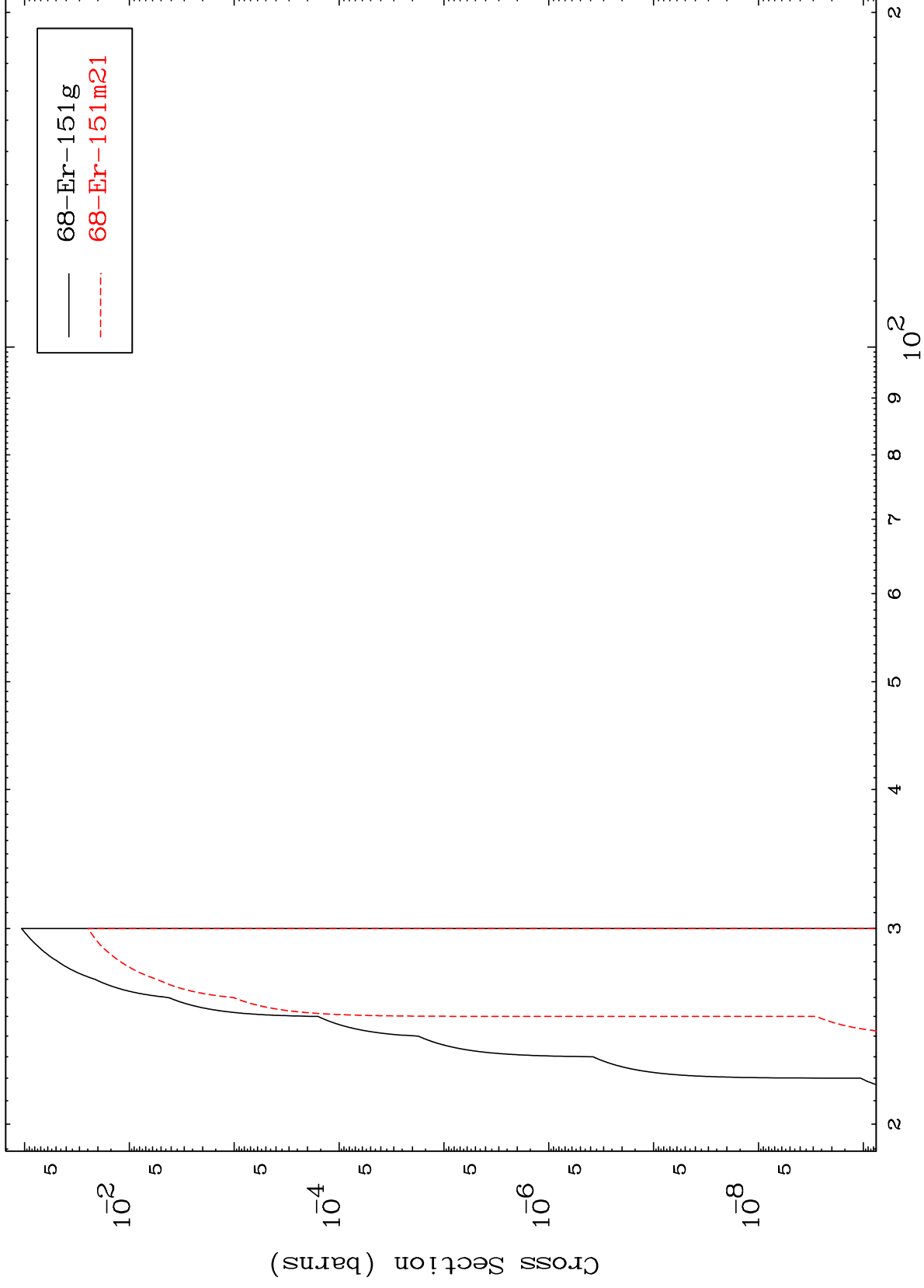
69-Tm-154

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(n,3n) p

69-Tm-154

Radionuclide Production Cross Section



31

Incident Energy (MeV)

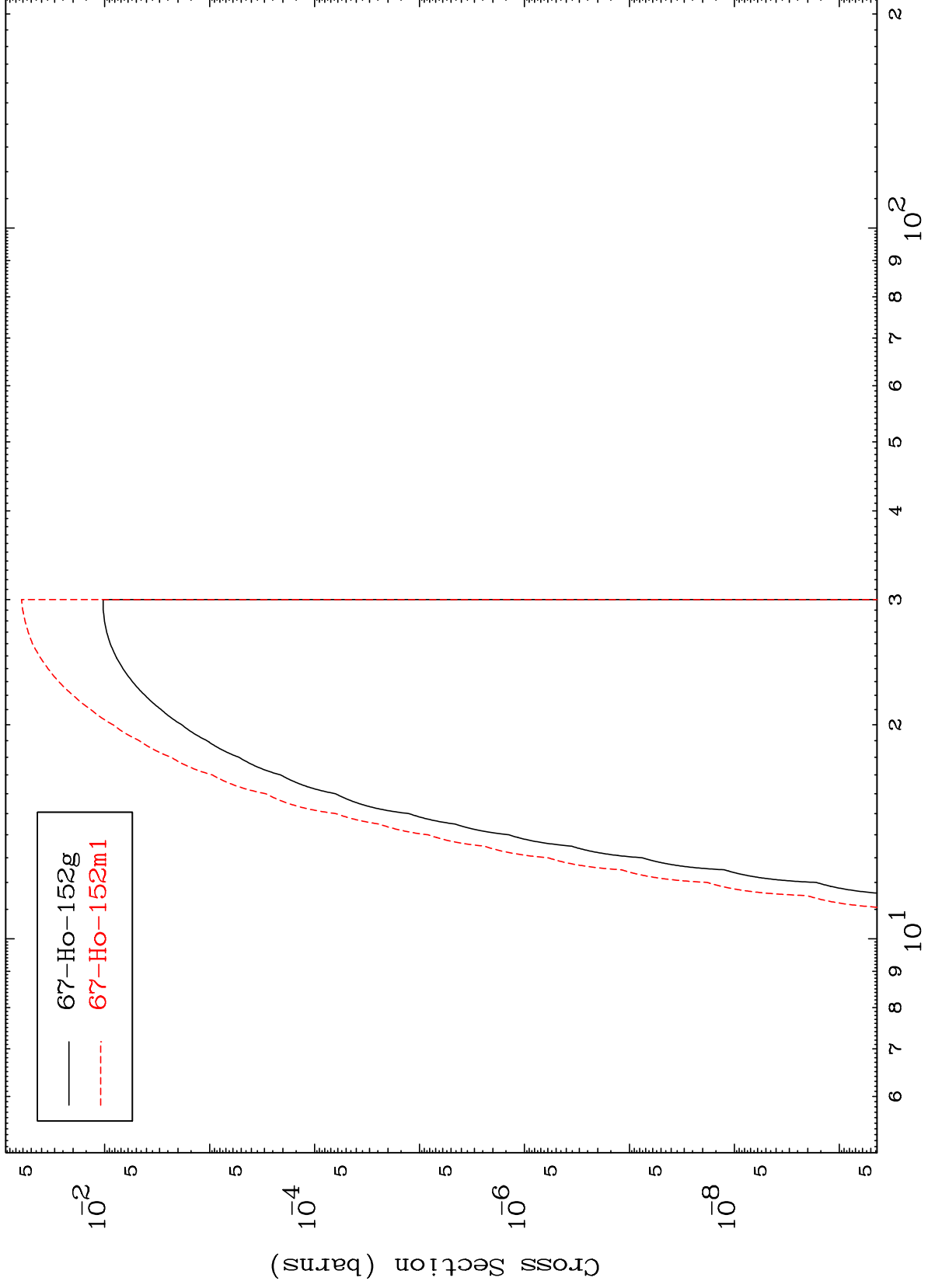
69-Tm-154

MAT 6881

(n,2n) p

69-Tm-154

Radionuclide Production Cross Section



32

Incident Energy (MeV)

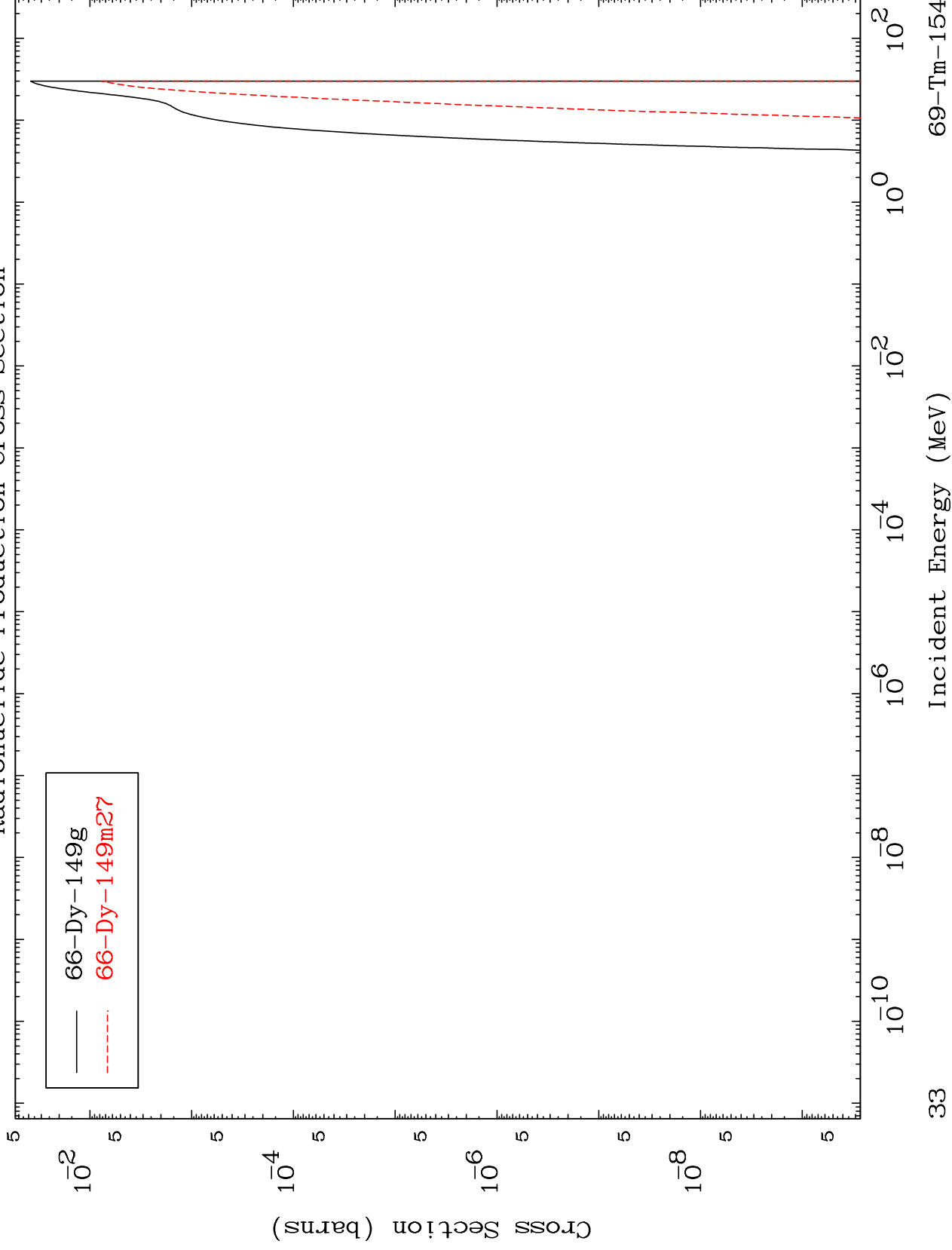
69-Tm-154

MAT 6881

(n,n') p α

69-Tm-154

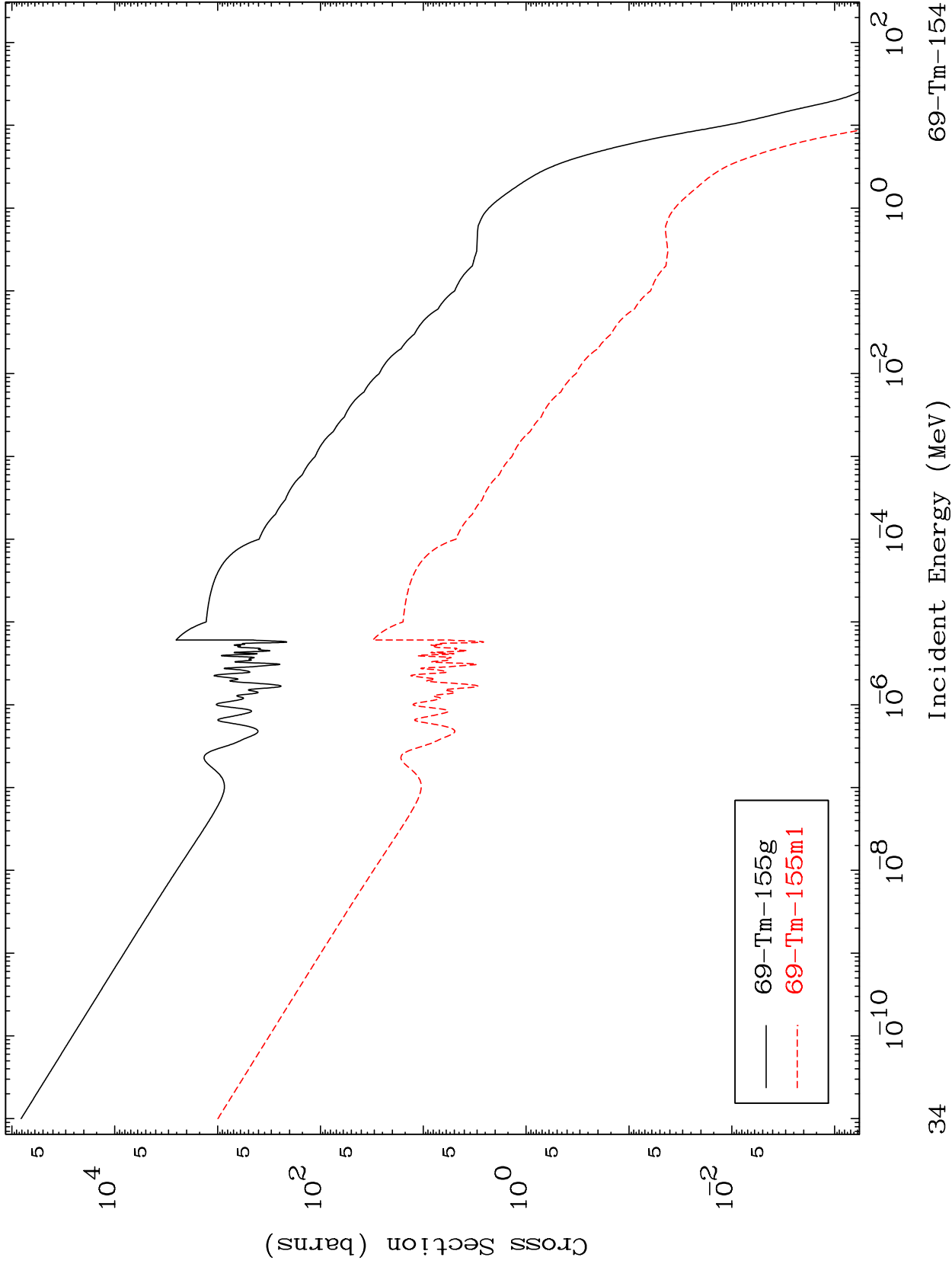
Radionuclide Production Cross Section



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69-Tm-154

(n,γ)
Radionuclide Production Cross Section

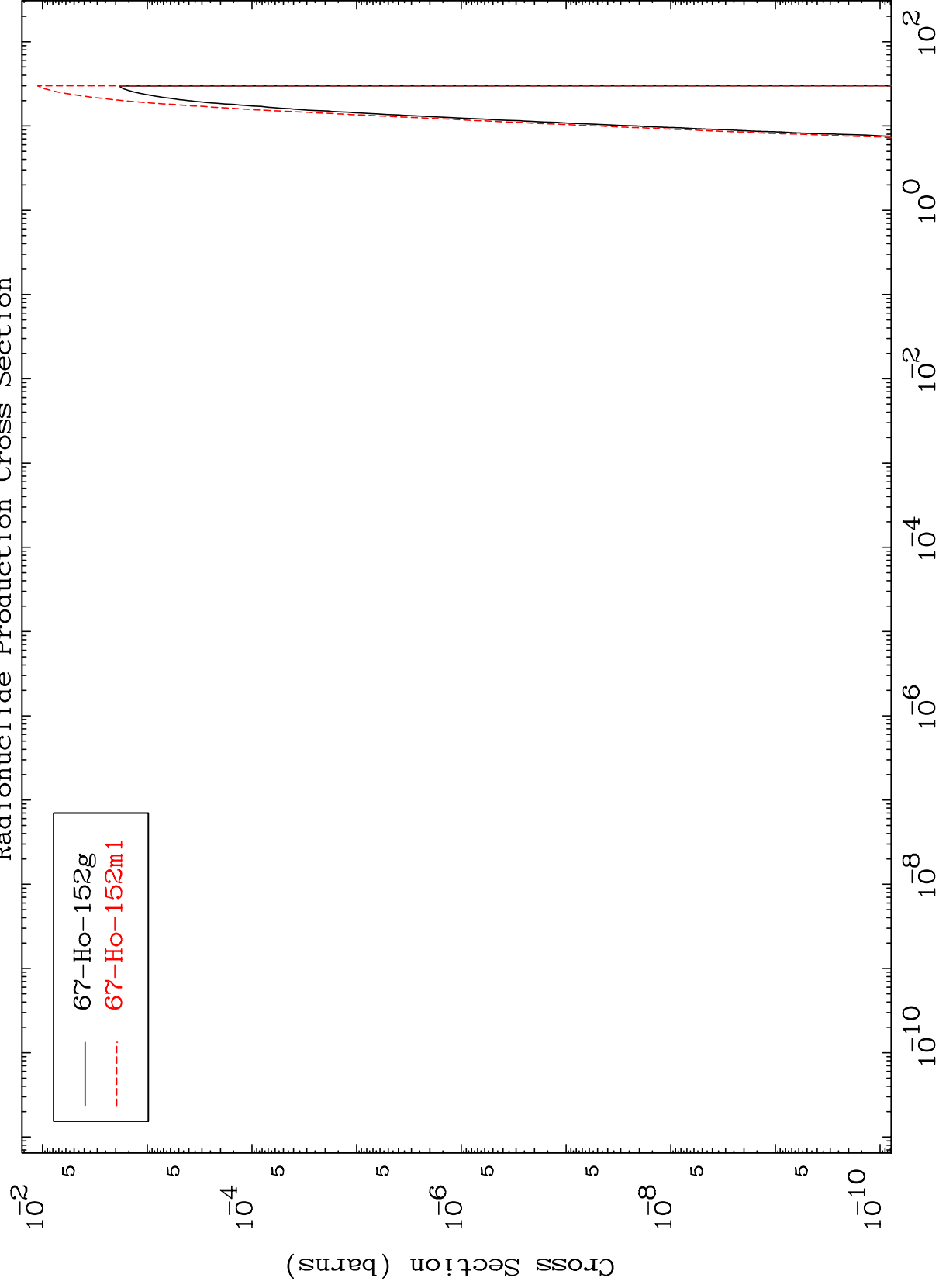


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(n,He-3)

69-Tm-154

Radionuclide Production Cross Section



35

Incident Energy (MeV)

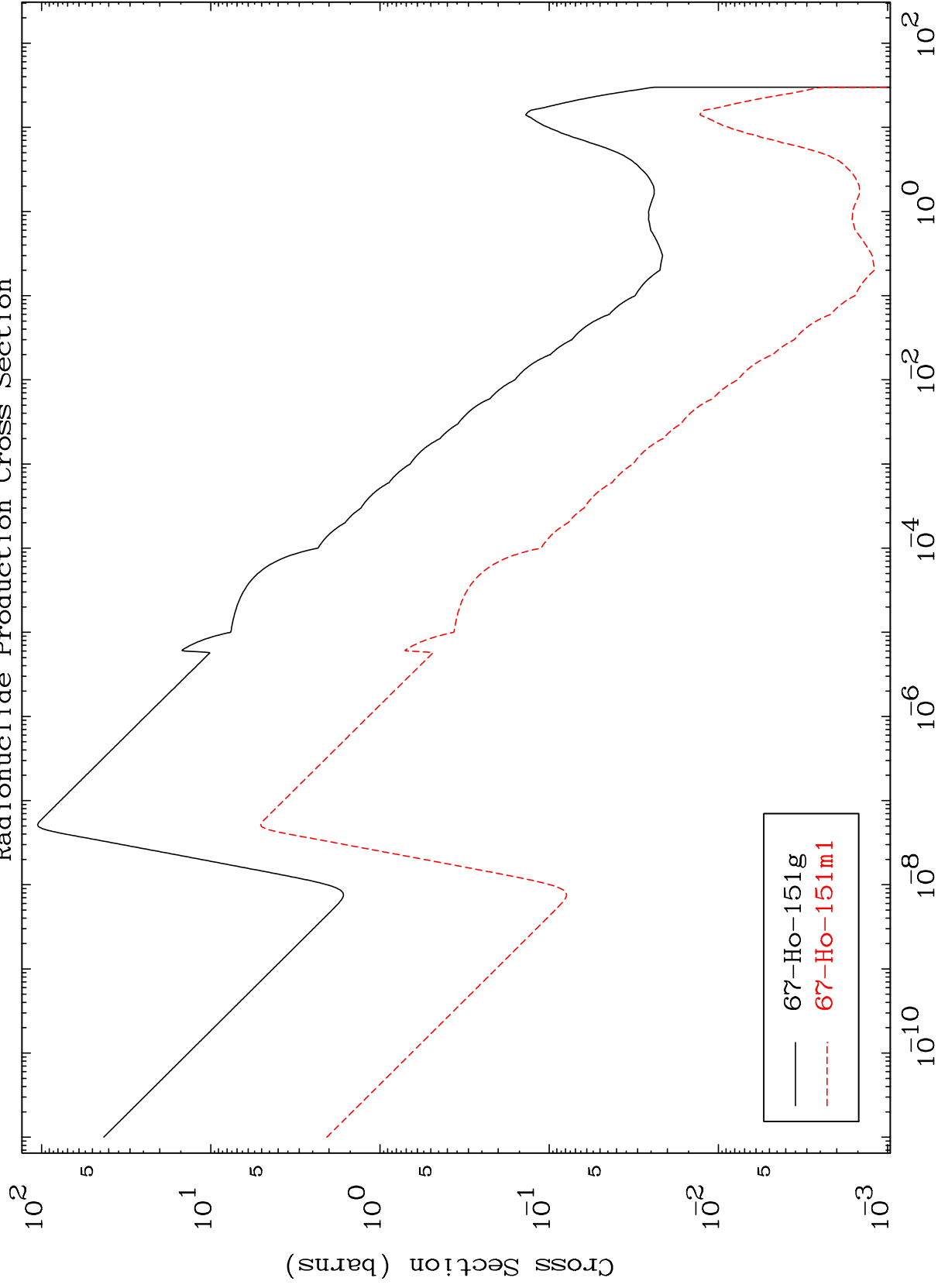
69-Tm-154

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69-Tm-154

Radionuclide Production Cross Section

(n, α)



36

Incident Energy (MeV)

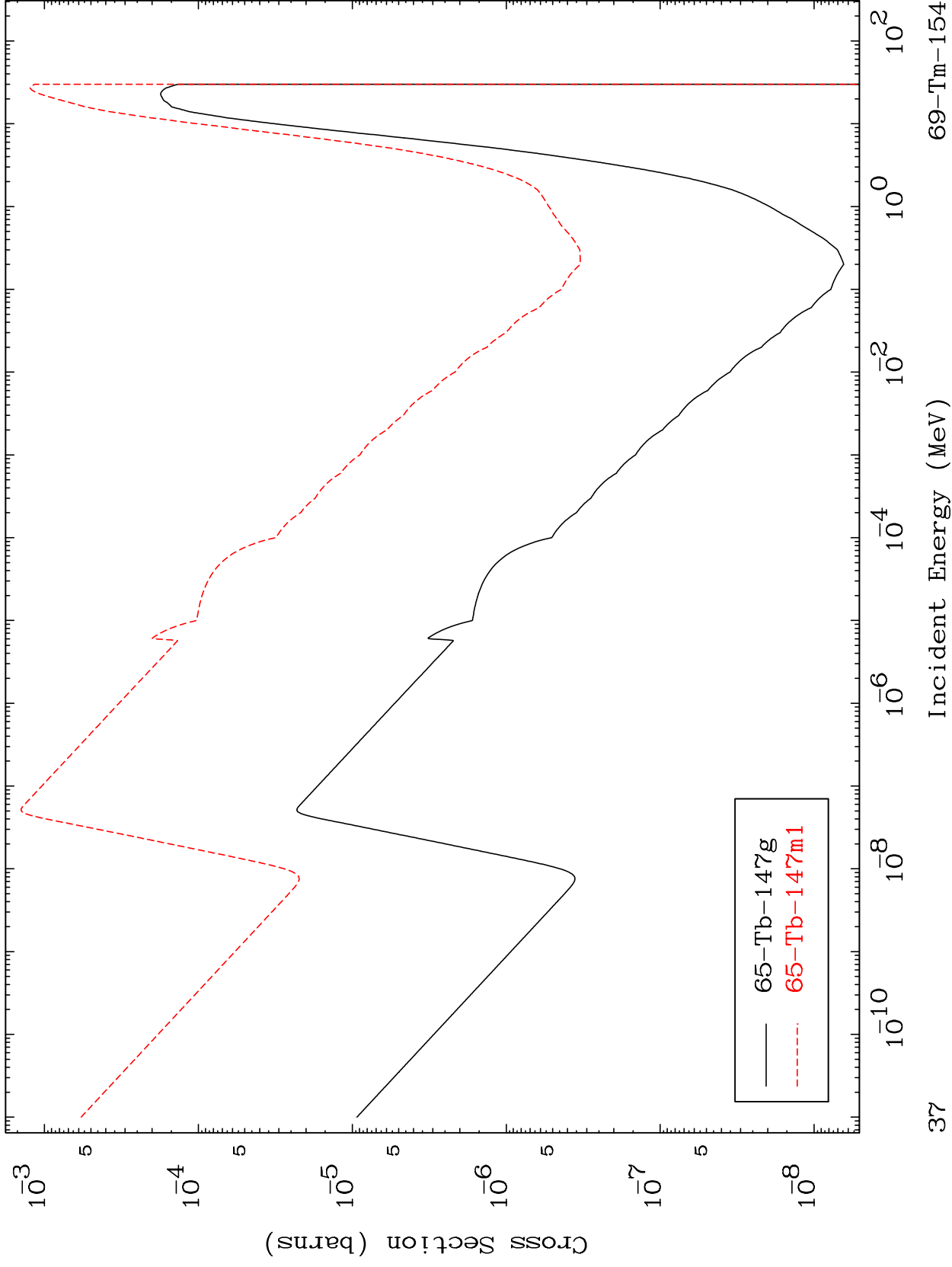
69-Tm-154

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(n,2α)

69-Tm-154

Radionuclide Production Cross Section



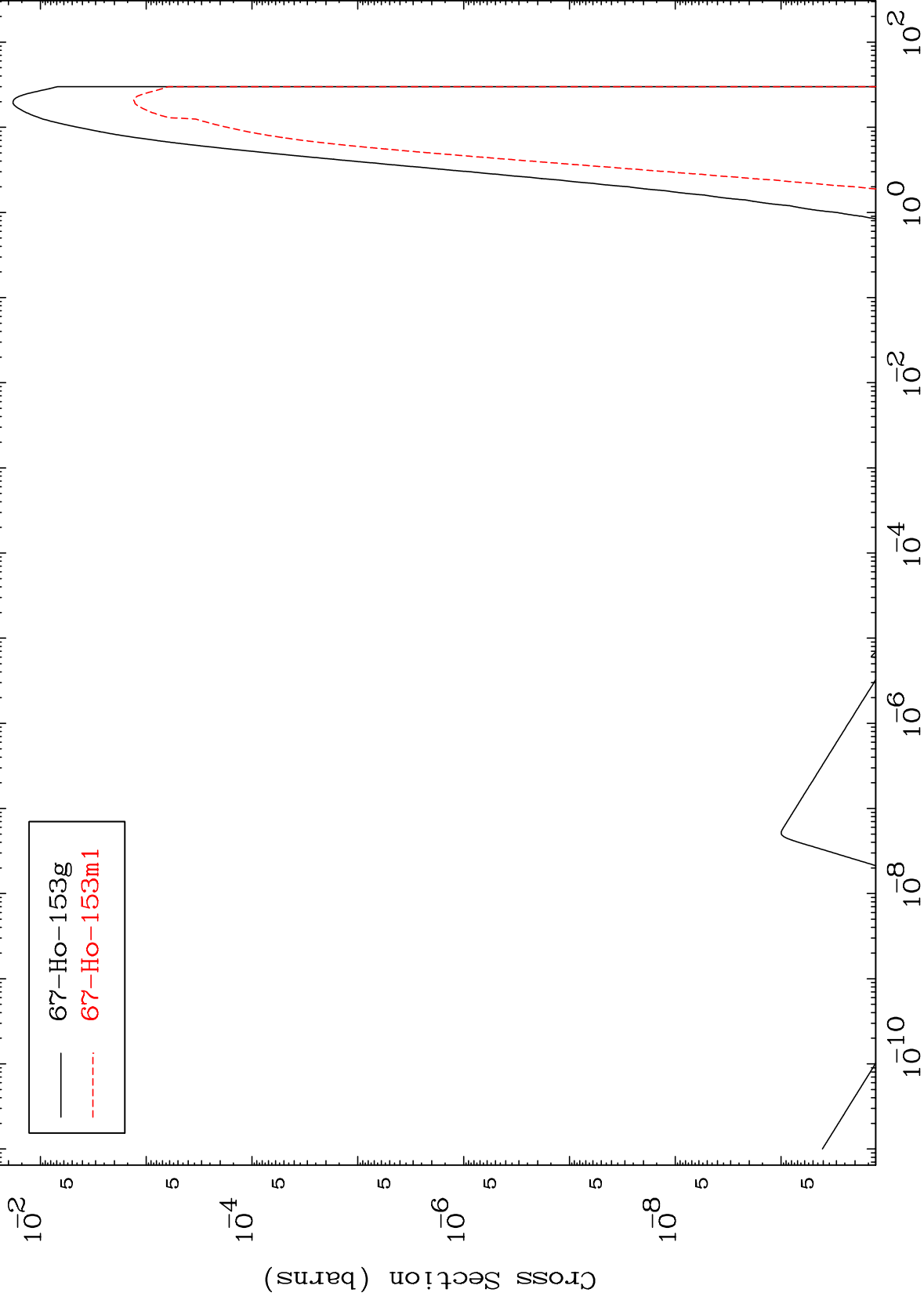
37

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(n,2p)

69-Tm-154

Radionuclide Production Cross Section



38

Incident Energy (MeV)

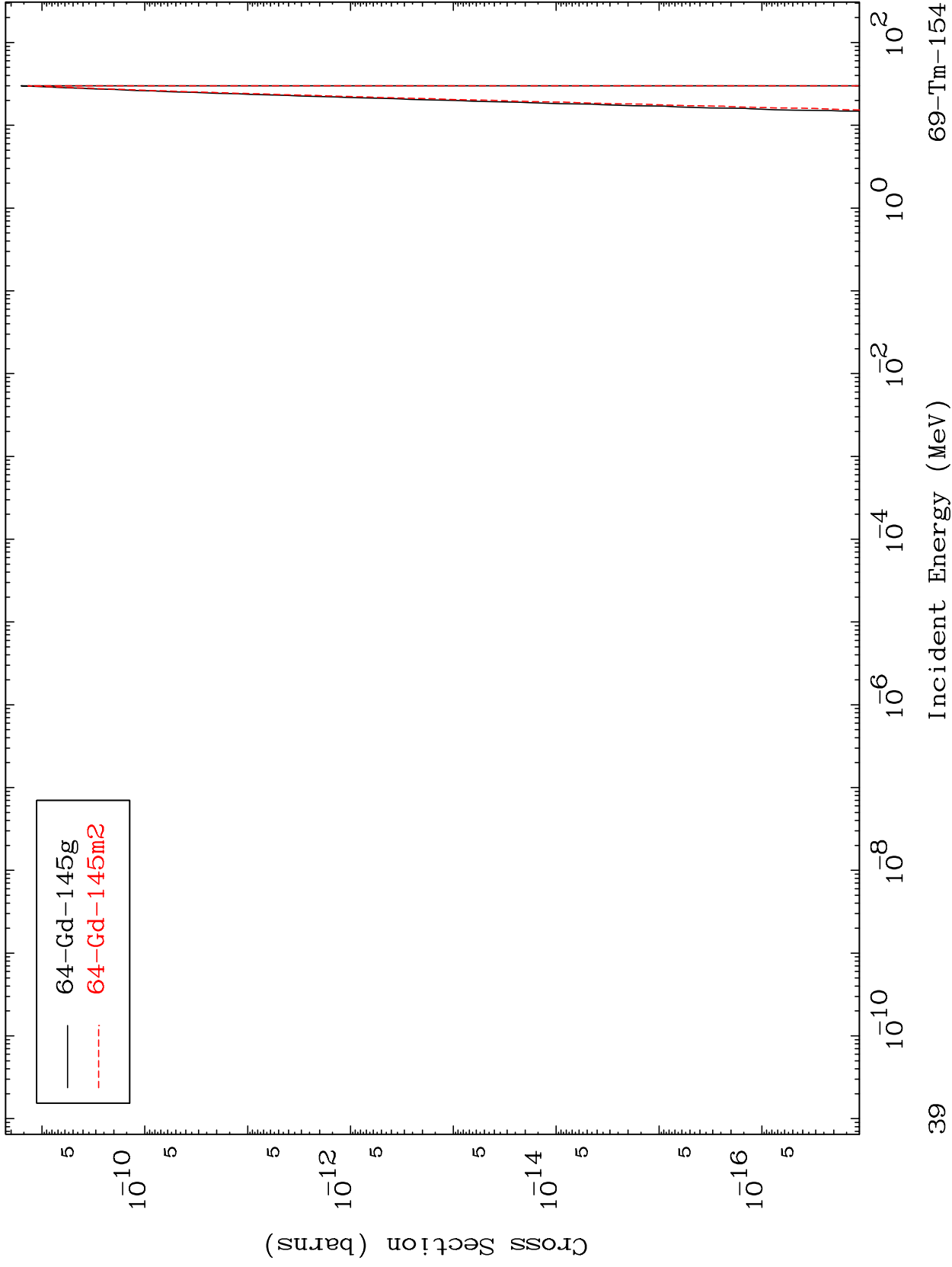
69-Tm-154

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$(n,d) 2\alpha$

$^{69}\text{Tm-154}$

Radionuclide Production Cross Section

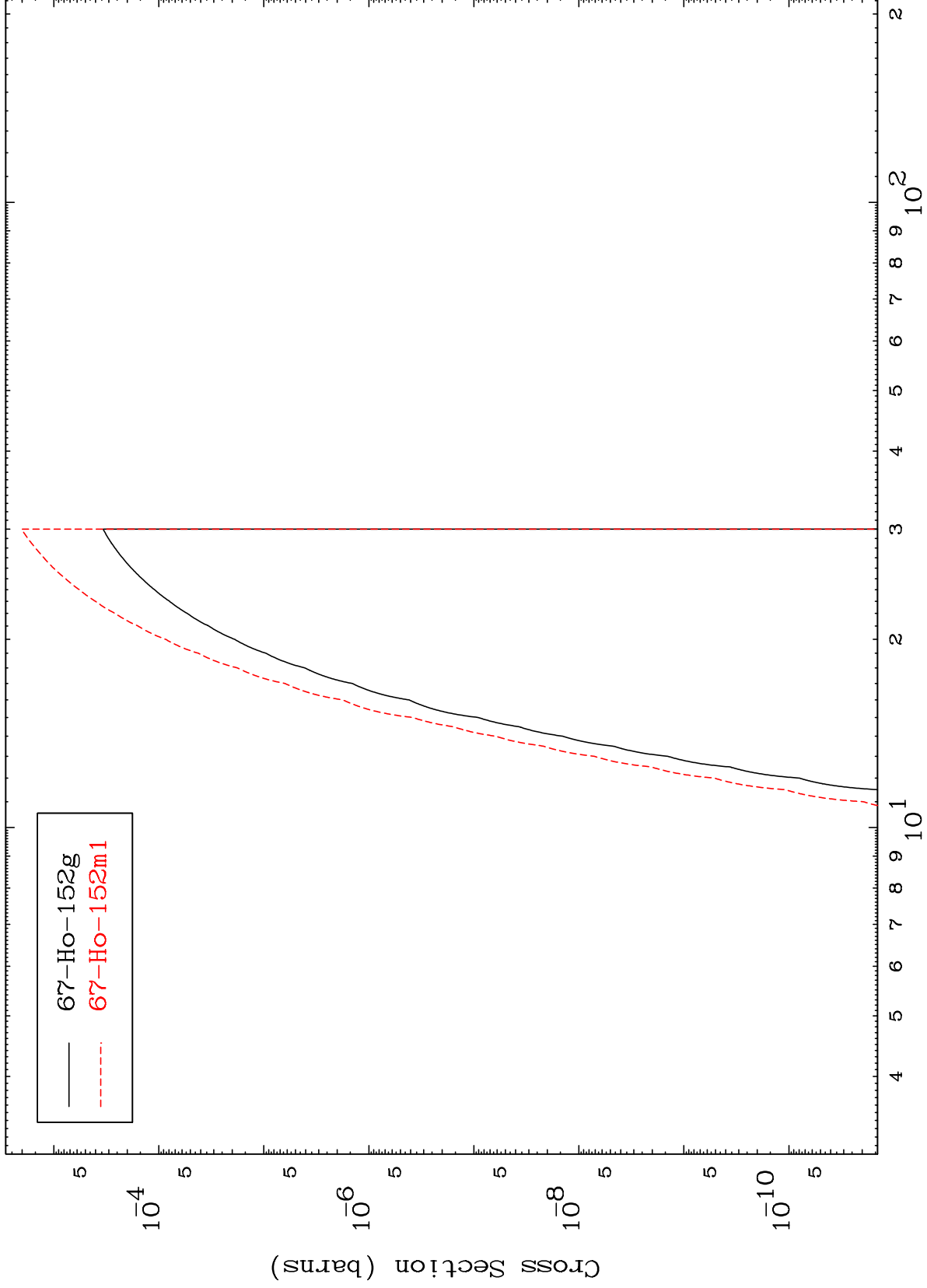


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(n,p) d

69-Tm-154

Radionuclide Production Cross Section



40

Incident Energy (MeV)

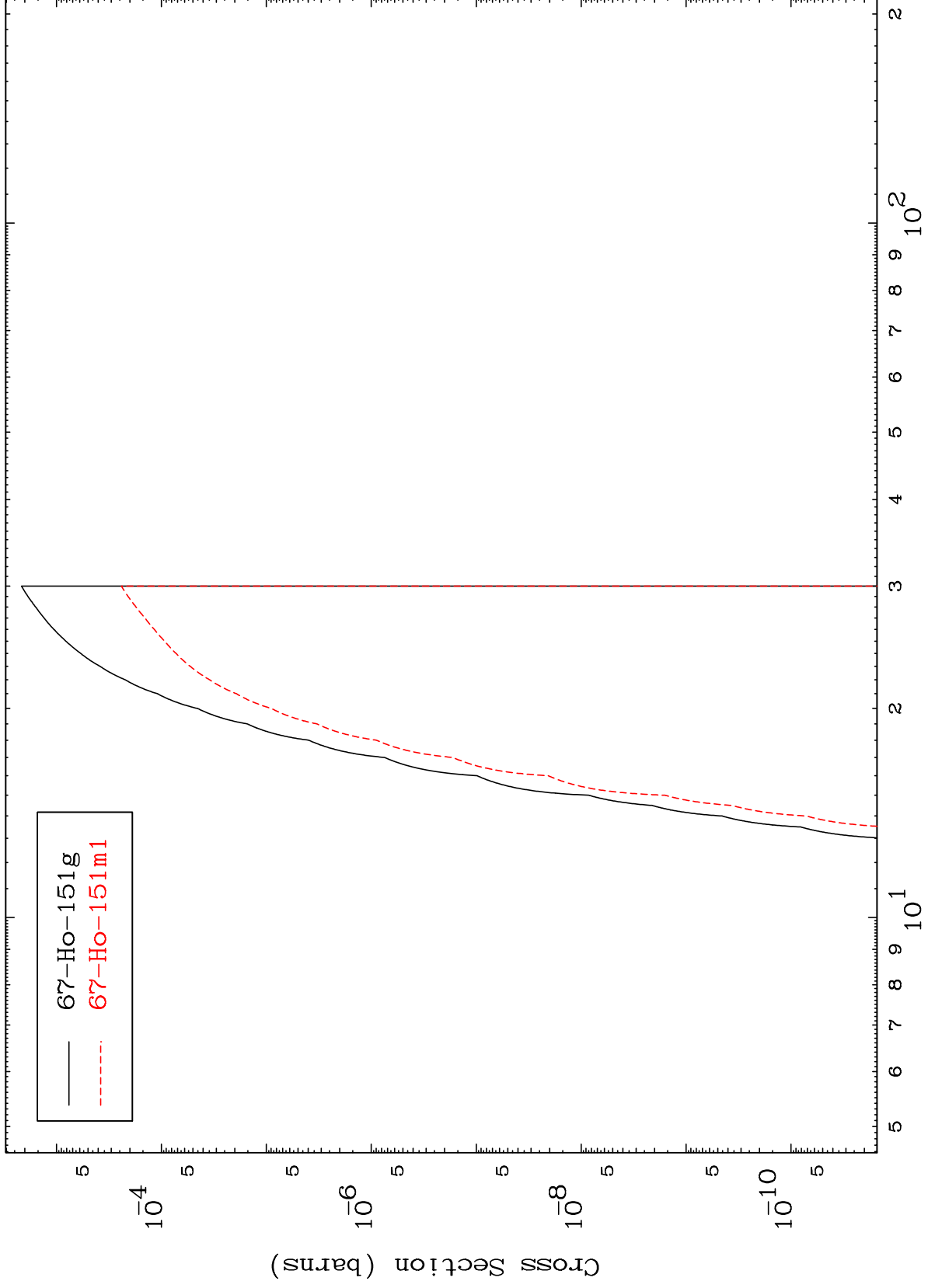
69-Tm-154

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(n,p) t

69-Tm-154

Radionuclide Production Cross Section



41

Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,d) α

69-Tm-154

Radionuclide Production Cross Section

