

Program EVALPLOT
(Version 2018-1)

by

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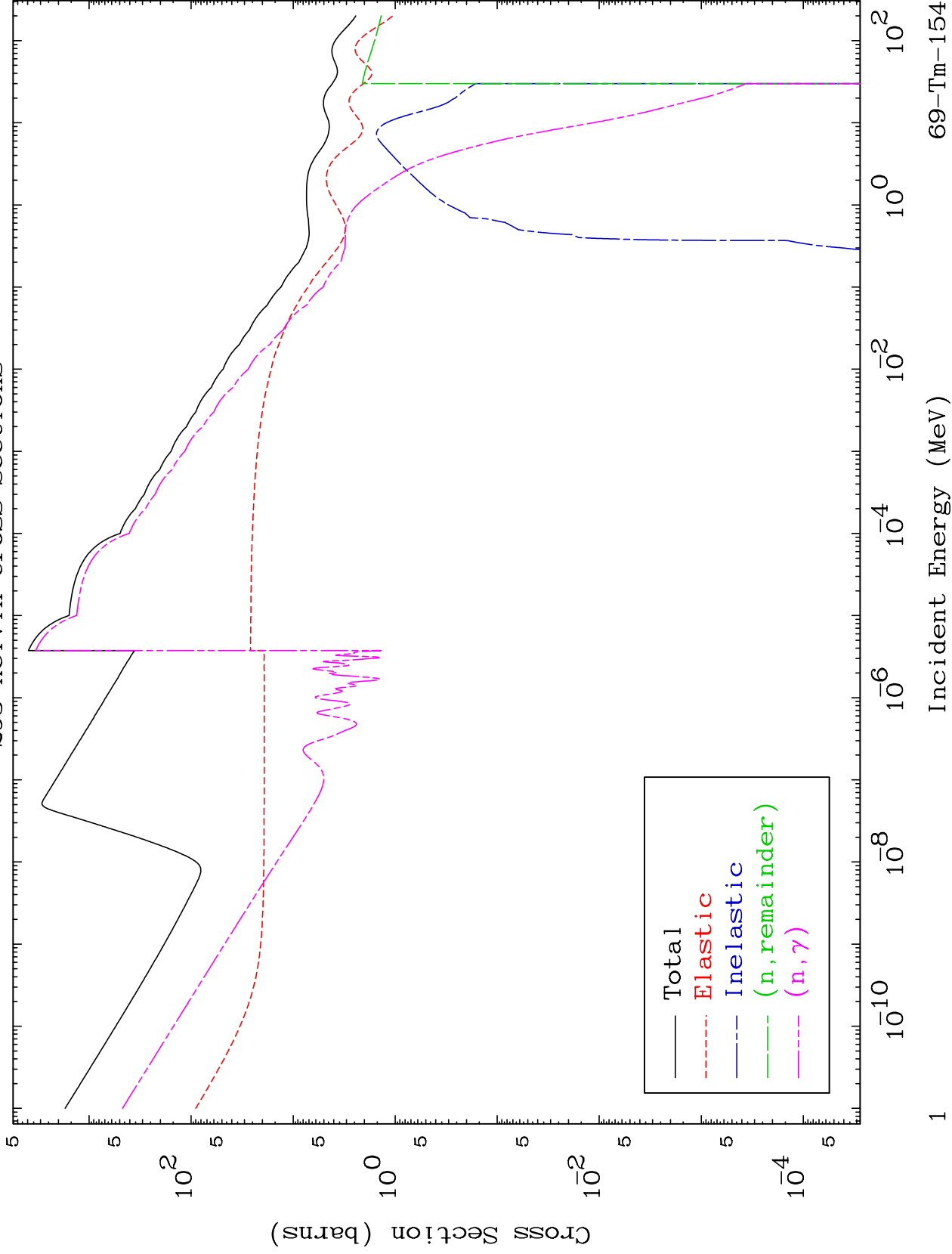
Press Mouse Button to Start

MAT 6881

Major

293 Kelvin Cross Sections

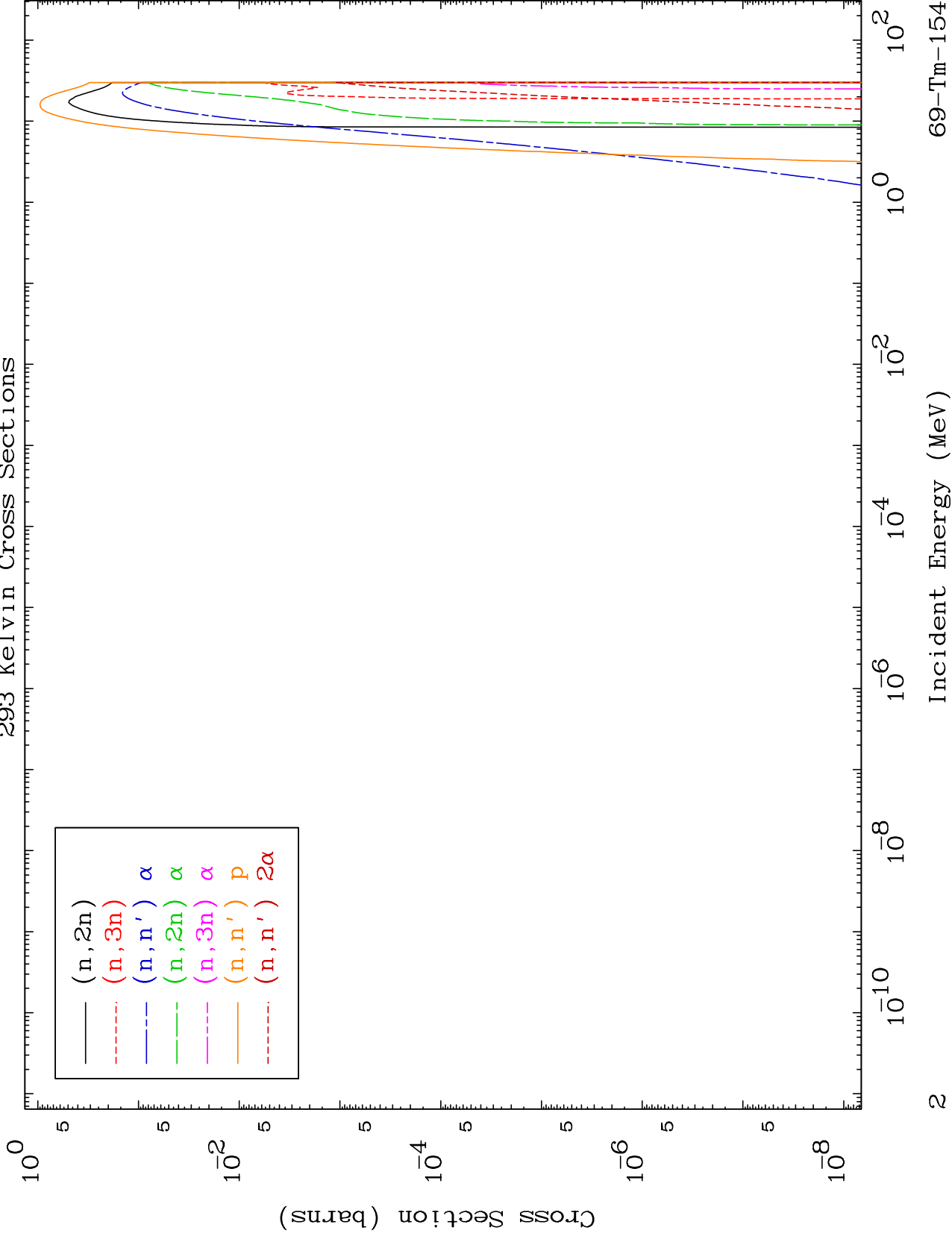
69-Tm-154



MAT 6881

Neutron Production
293 Kelvin Cross Sections

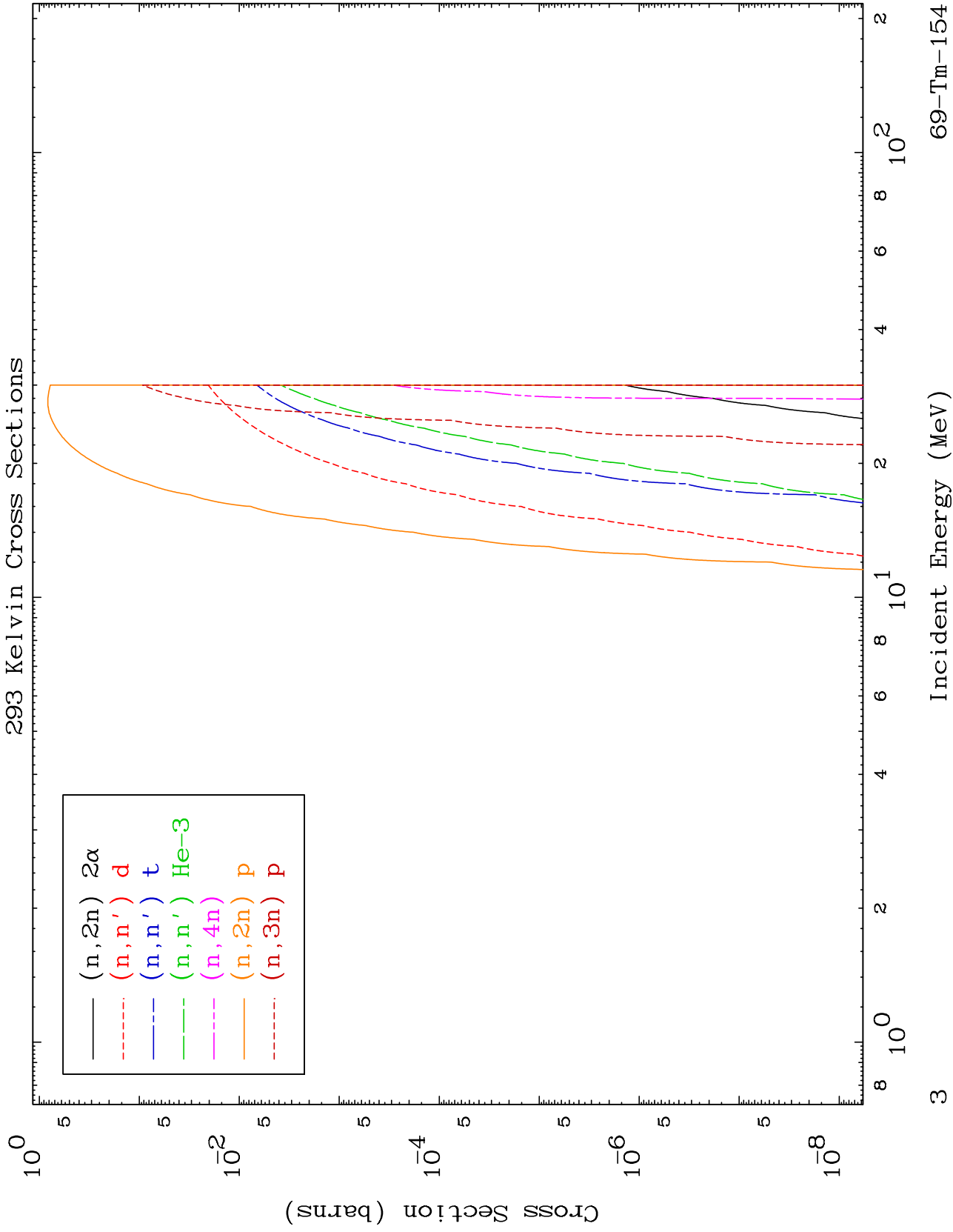
69-Tm-154



MAT 6881

Neutron Production
293 Kelvin Cross Sections

69-Tm-154

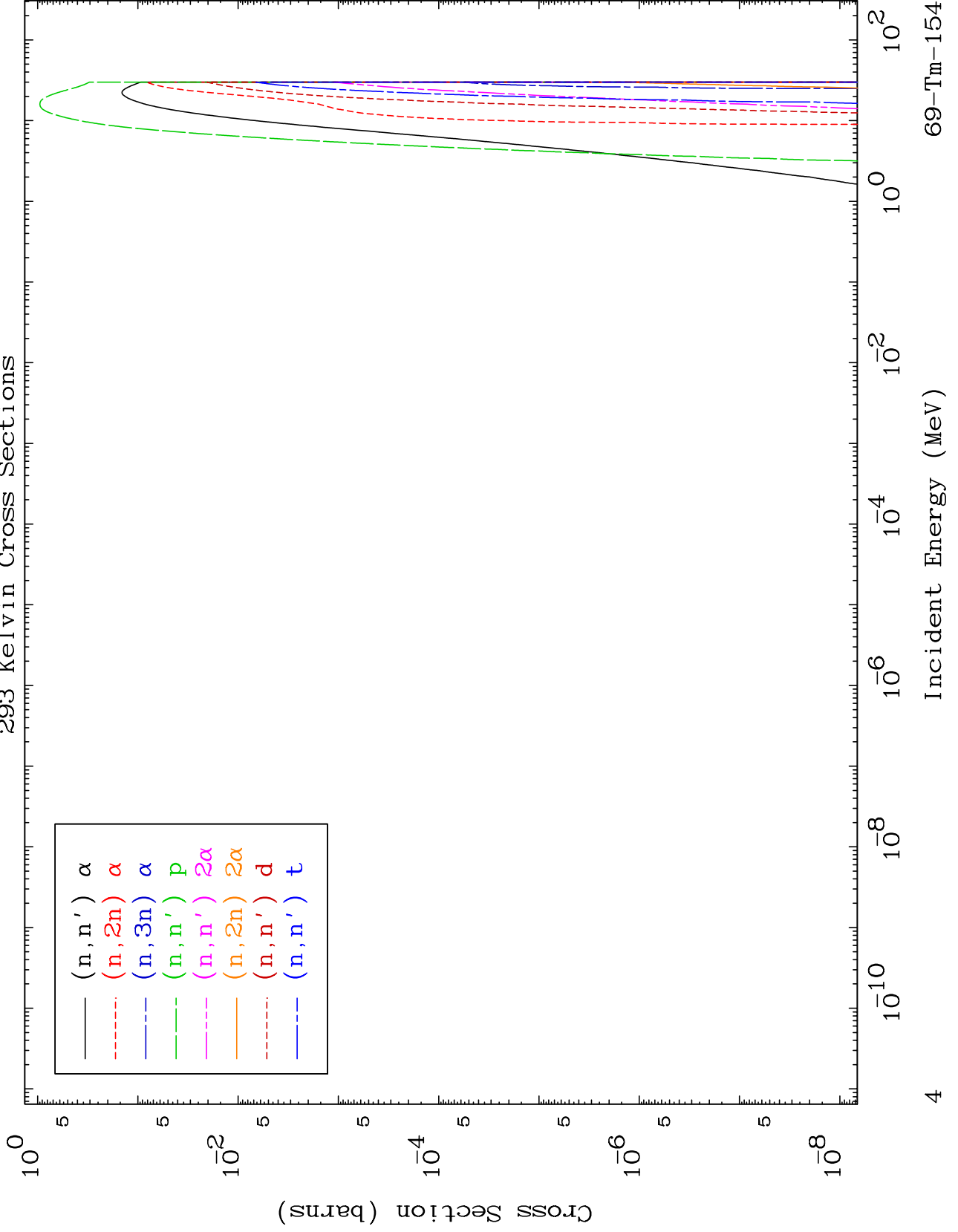


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MAT 6881

Charged Particle
293 Kelvin Cross Sections

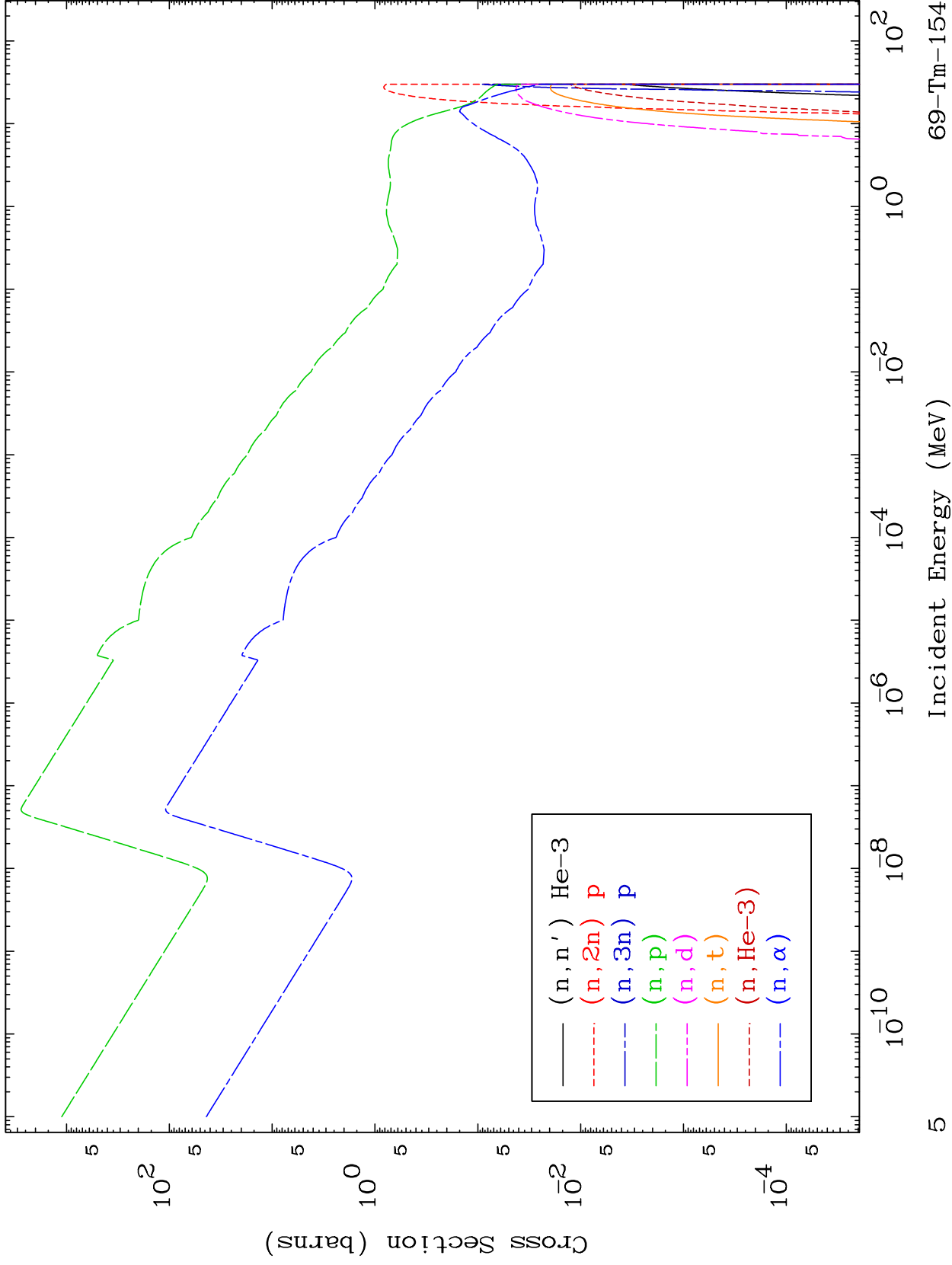
69-Tm-154



MAT 6881

Charged Particle
293 Kelvin Cross Sections

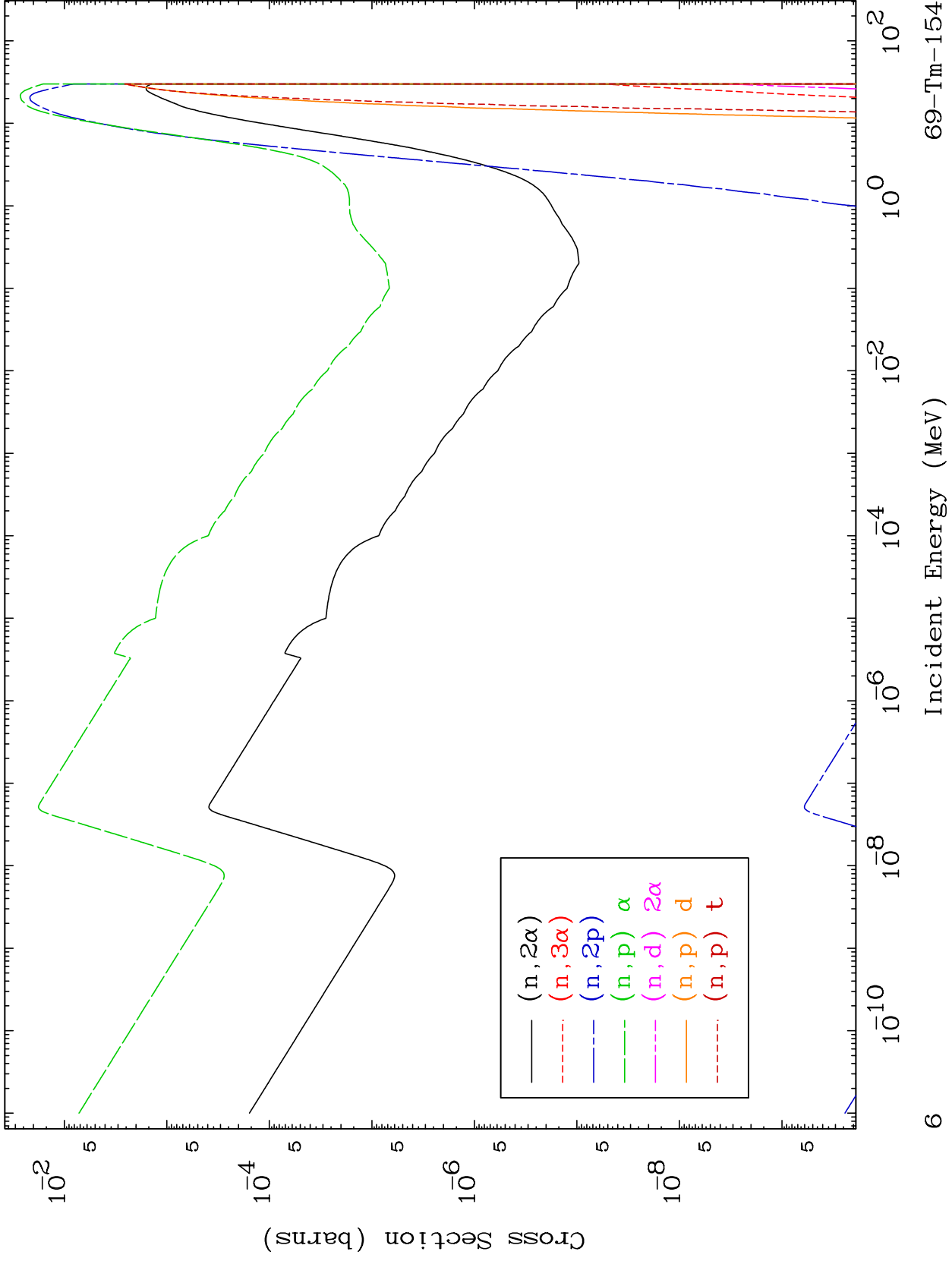
69-Tm-154



MAT 6881

Charged Particle
293 Kelvin Cross Sections

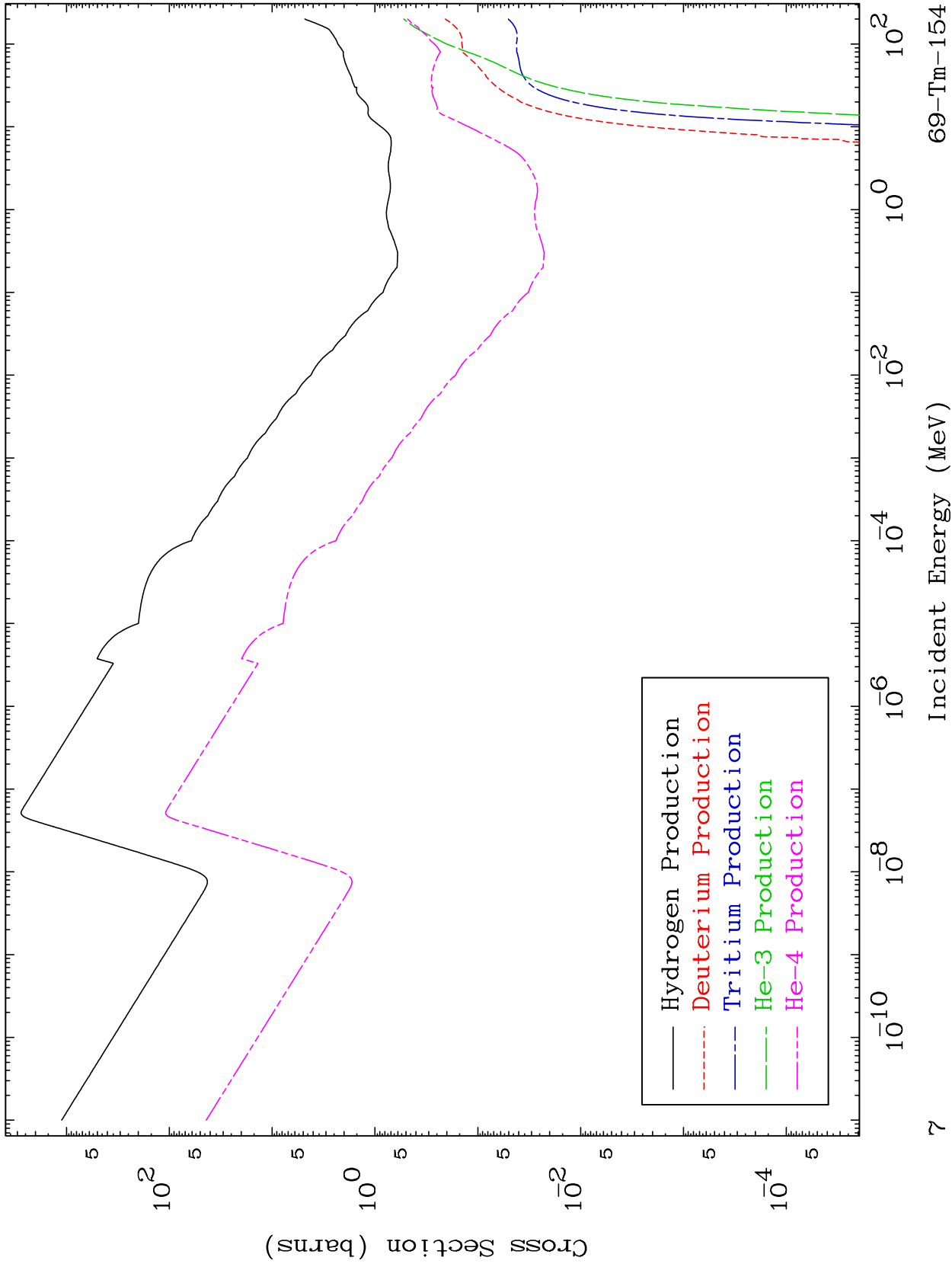
69-Tm-154



MAT 6881

Particle Production
293 Kelvin Cross Sections

69-Tm-154

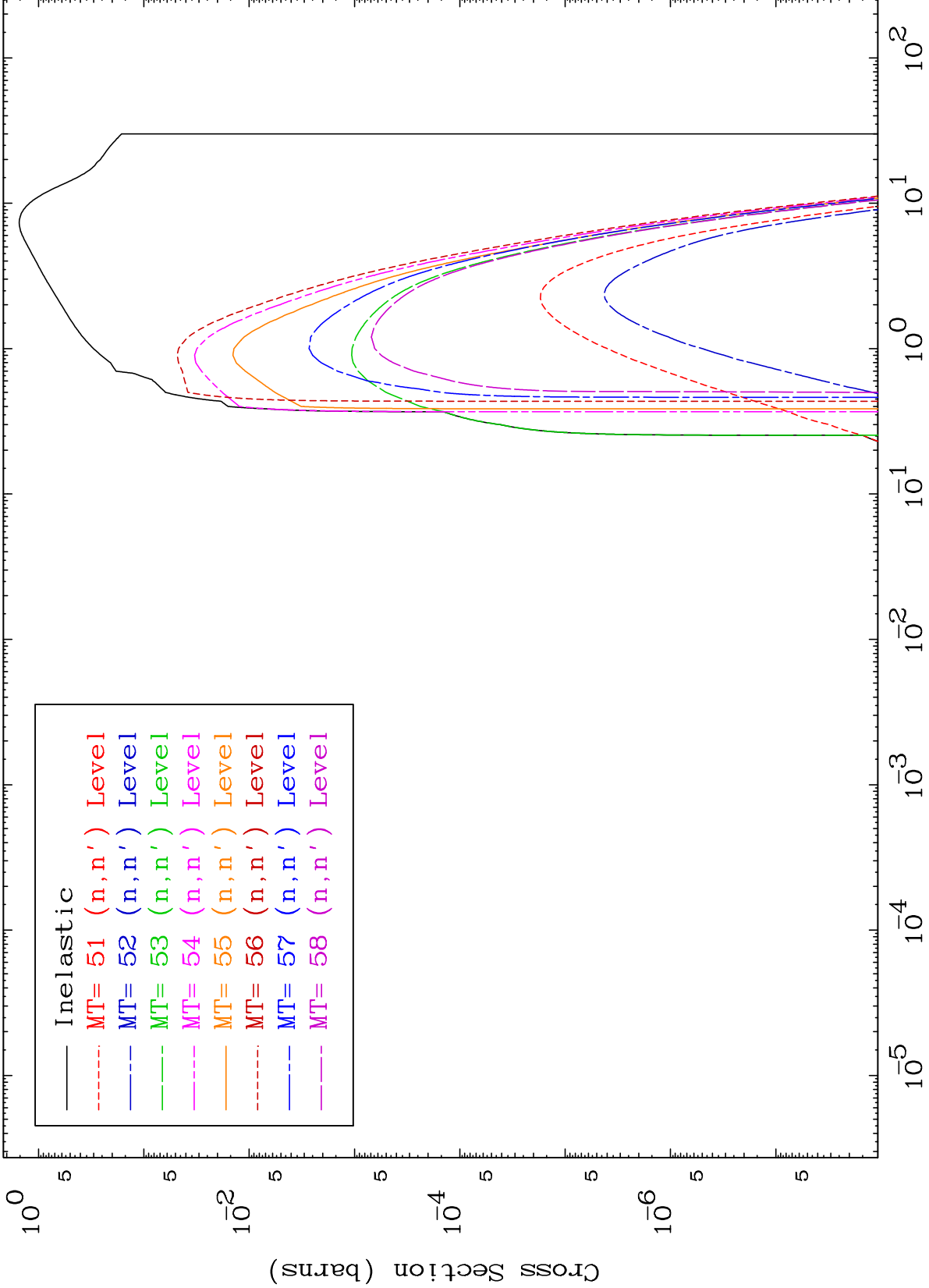


MAT 6881

(n,n') Level

69-Tm-154

293 Kelvin Cross Sections



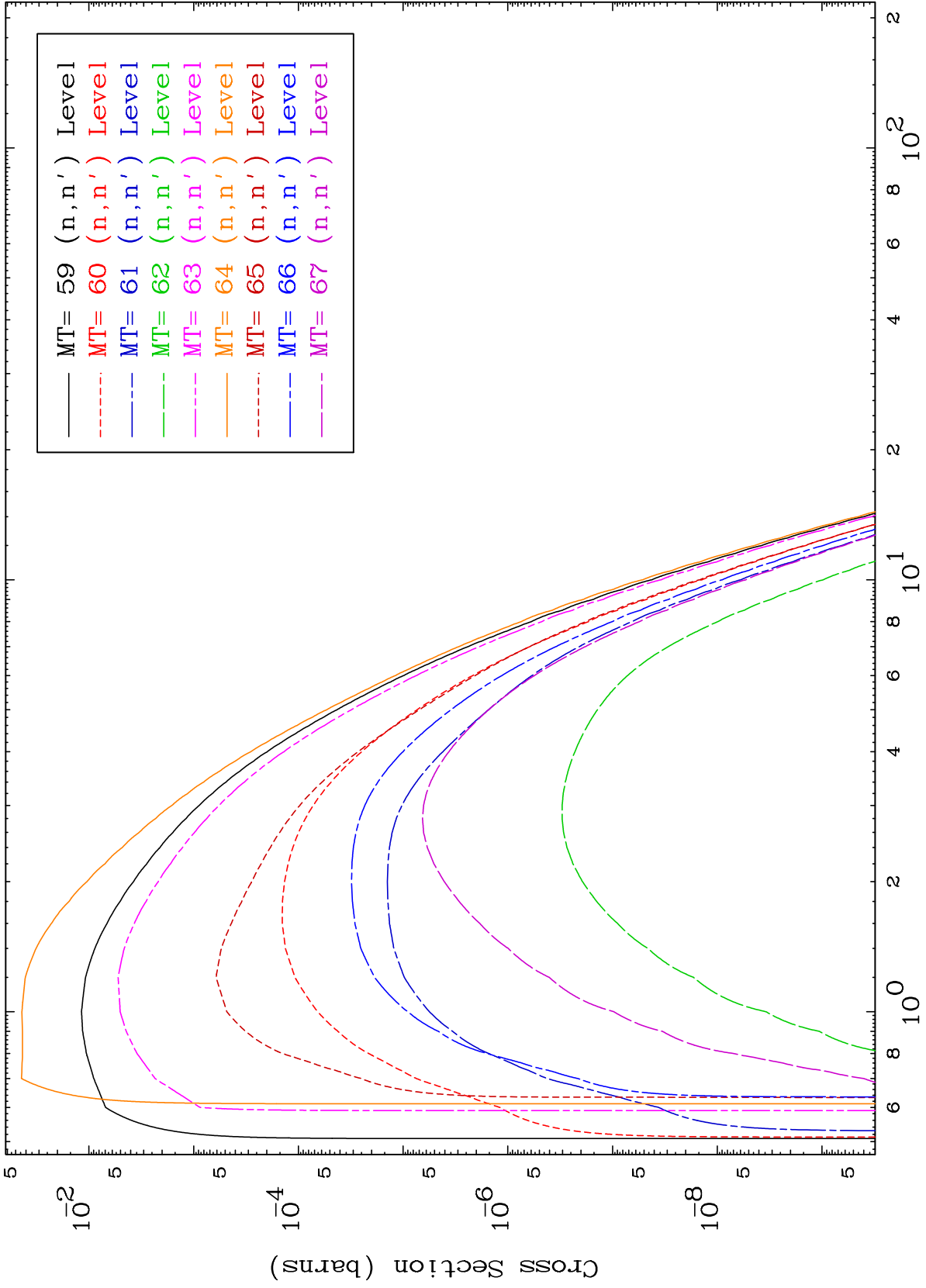
—	Inelastic
- - -	MT= 51 (n,n') Level
- . -	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . -	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . -	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . -	MT= 58 (n,n') Level

MAT 6881

(n,n') Level

293 Kelvin Cross Sections

69-Tm-154



9

Incident Energy (MeV)

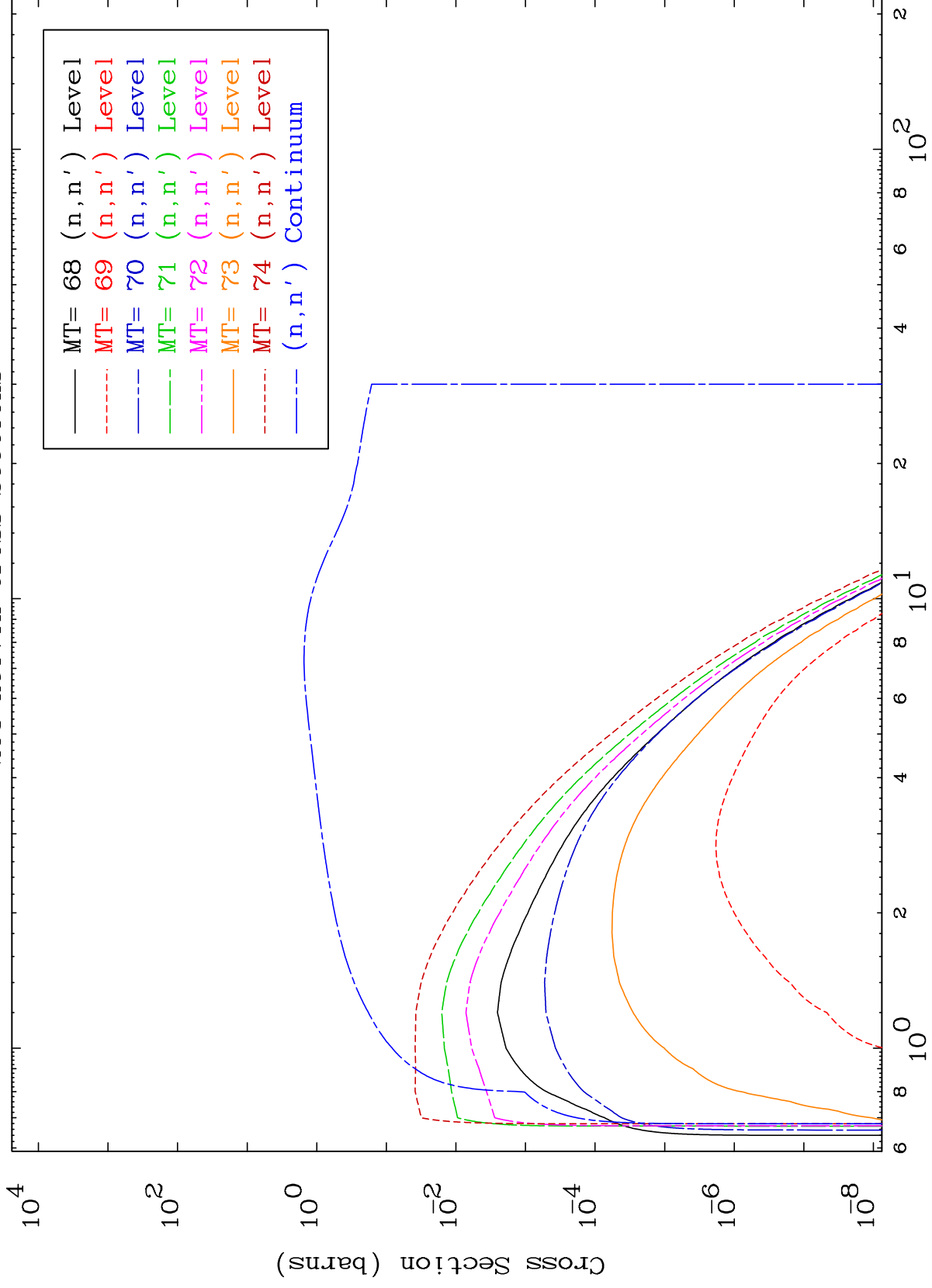
69-Tm-154

MAT 6881

(n,n') Level

293 Kelvin Cross Sections

69-Tm-154



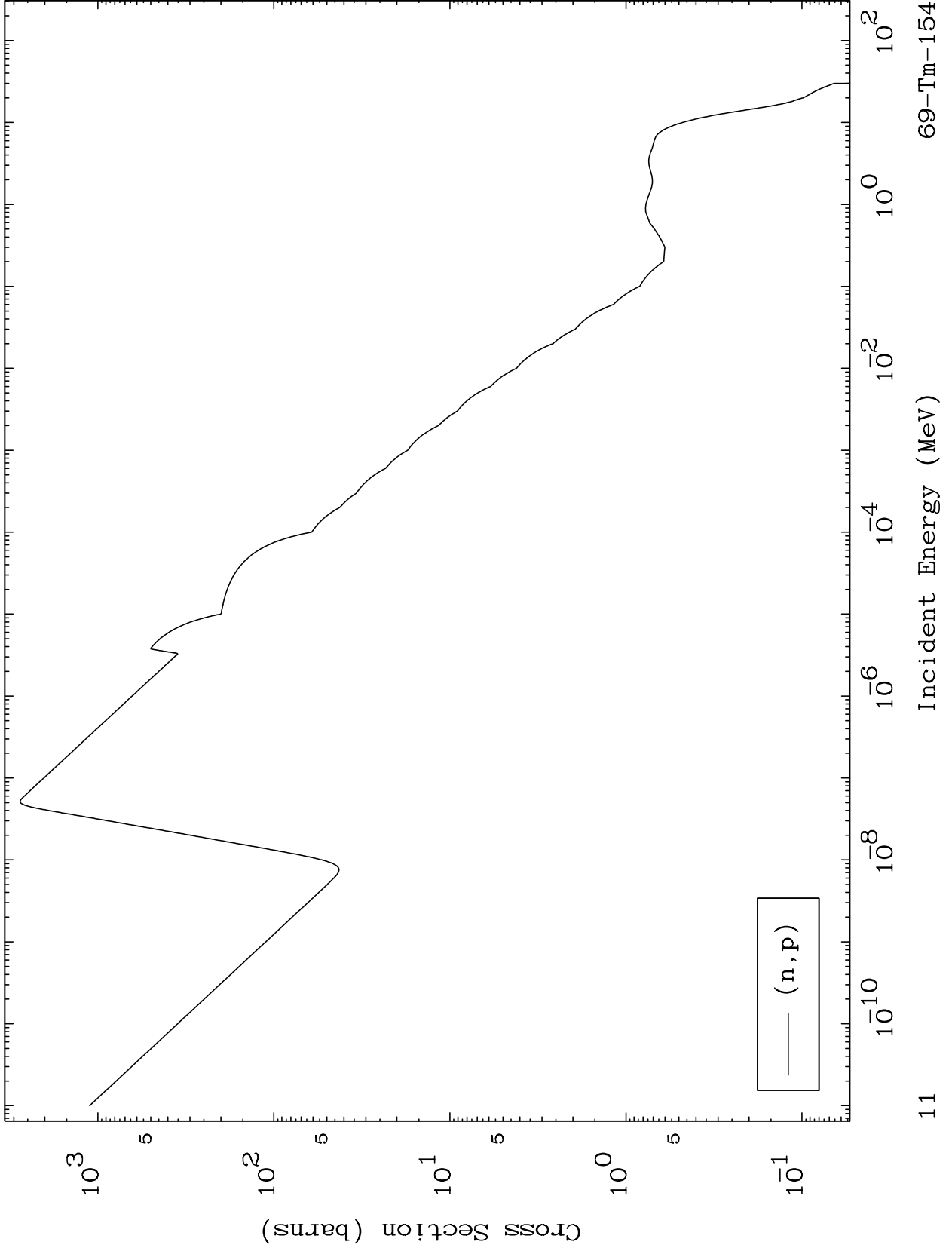
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,p) Levels
293 Kelvin Cross Sections

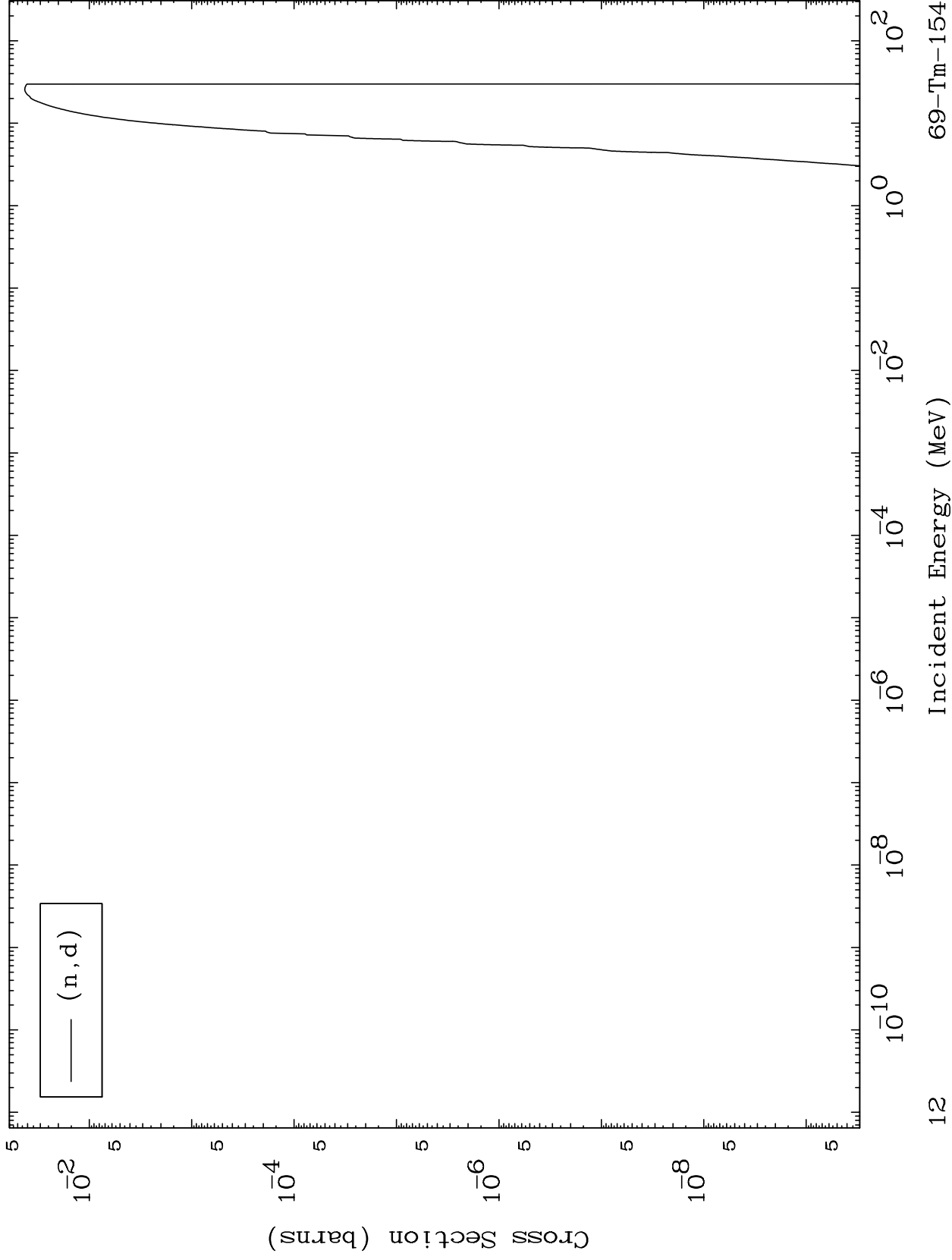
69-Tm-154



MAT 6881

(n,d) Levels
293 Kelvin Cross Sections

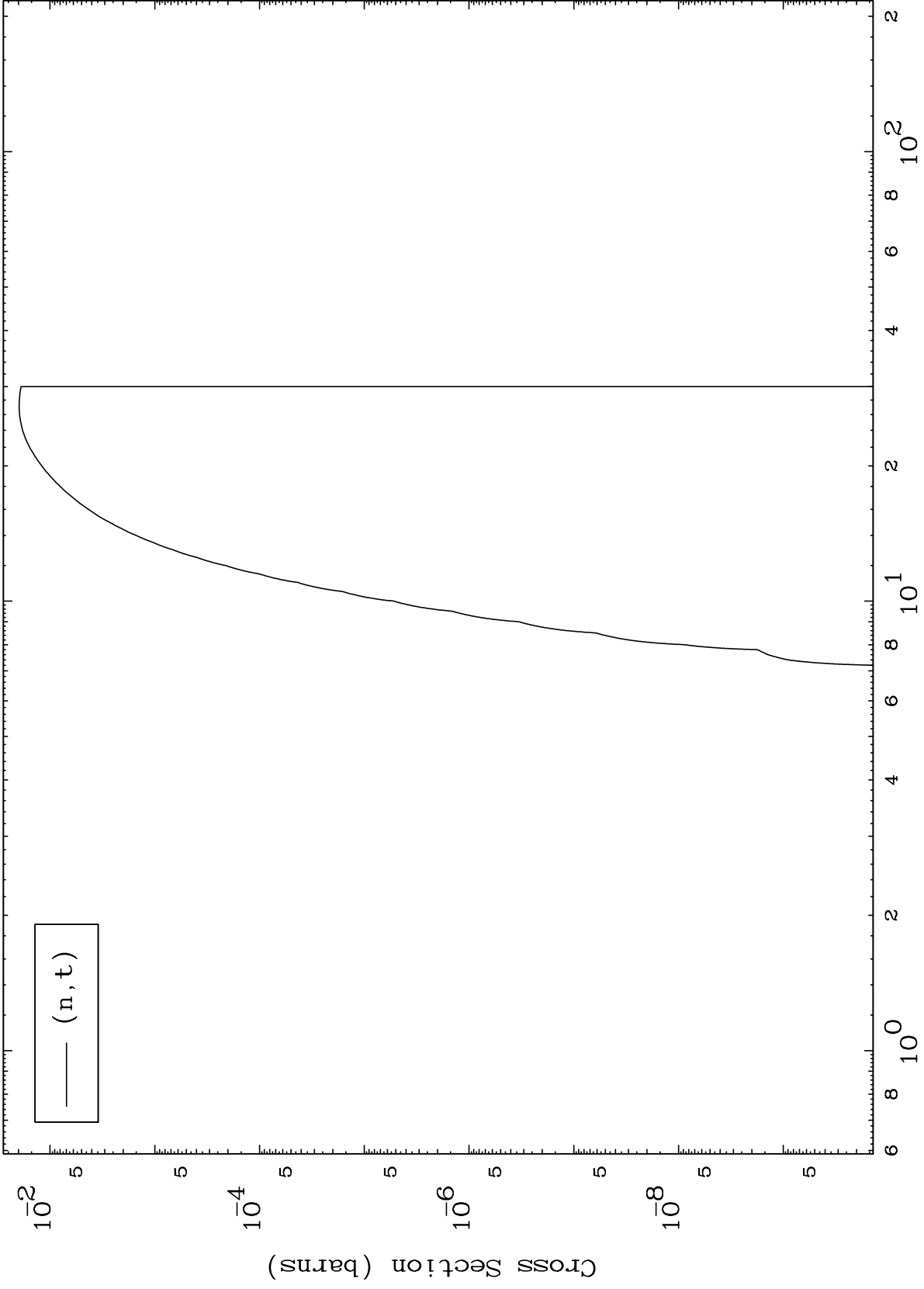
69-Tm-154



MAT 6881

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-154



13

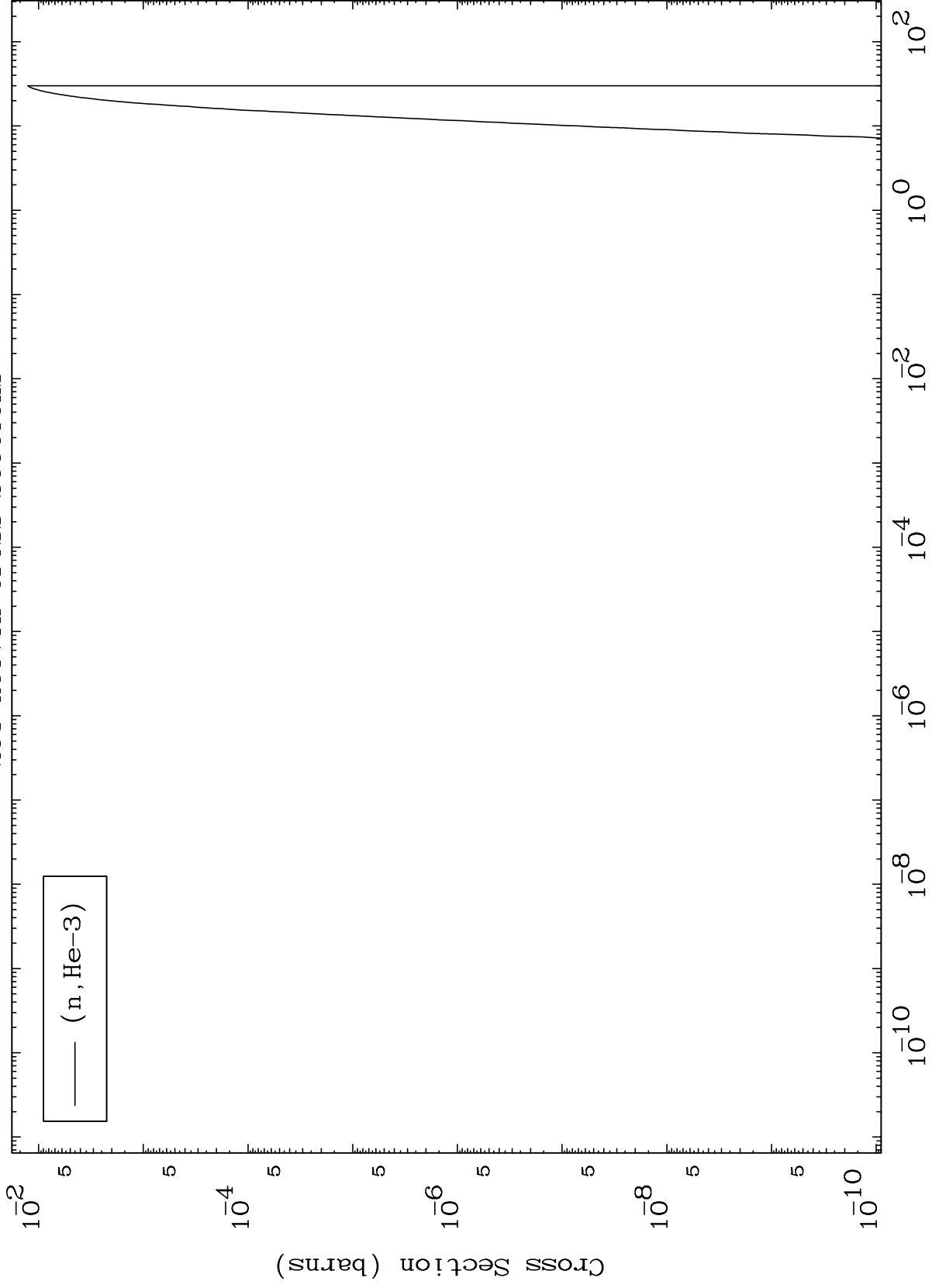
Incident Energy (MeV)

69-Tm-154

MAT 6881

(n,He3) Levels
293 Kelvin Cross Sections

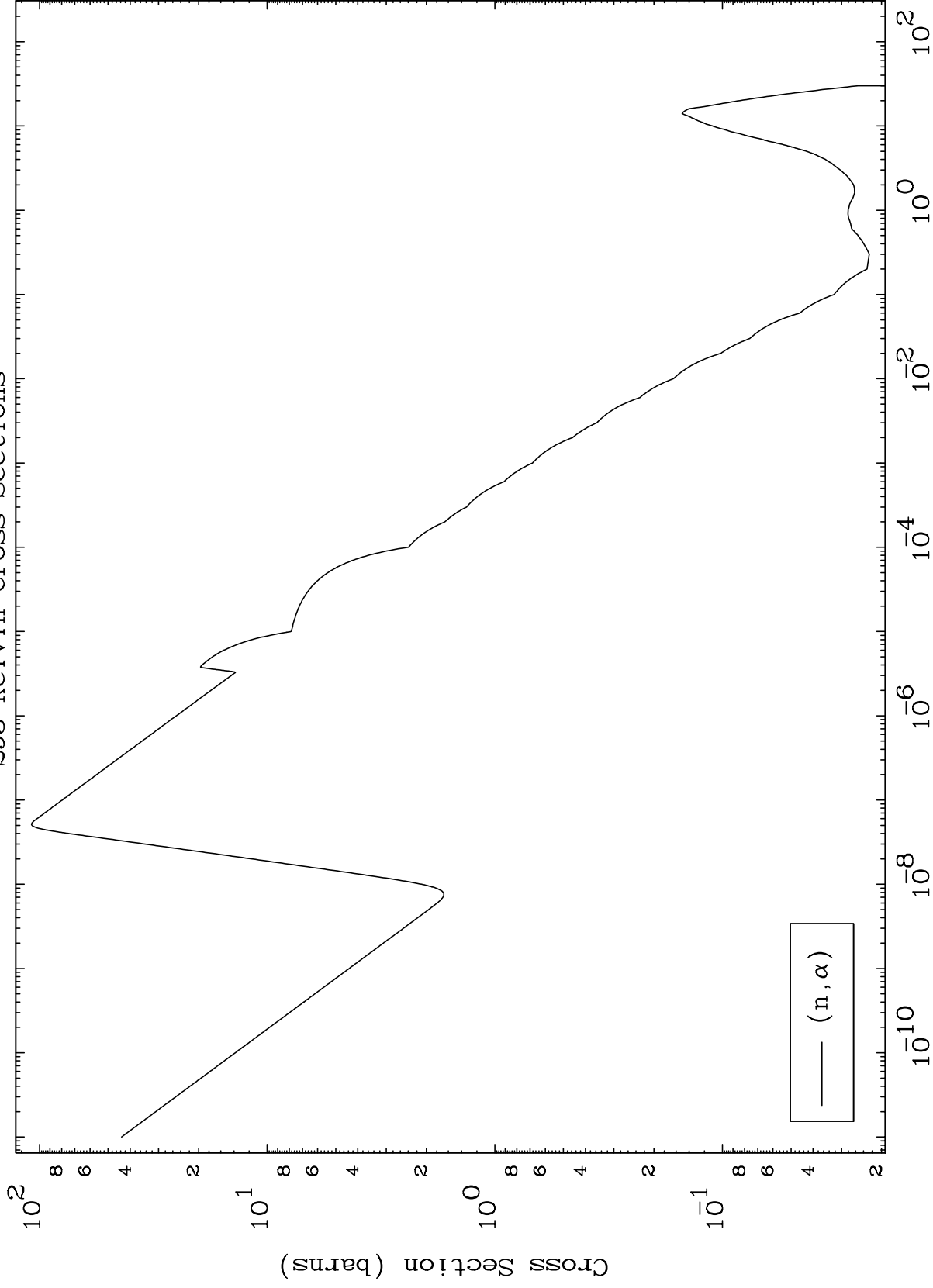
69-Tm-154



MAT 6881

(n, α) Levels
293 Kelvin Cross Sections

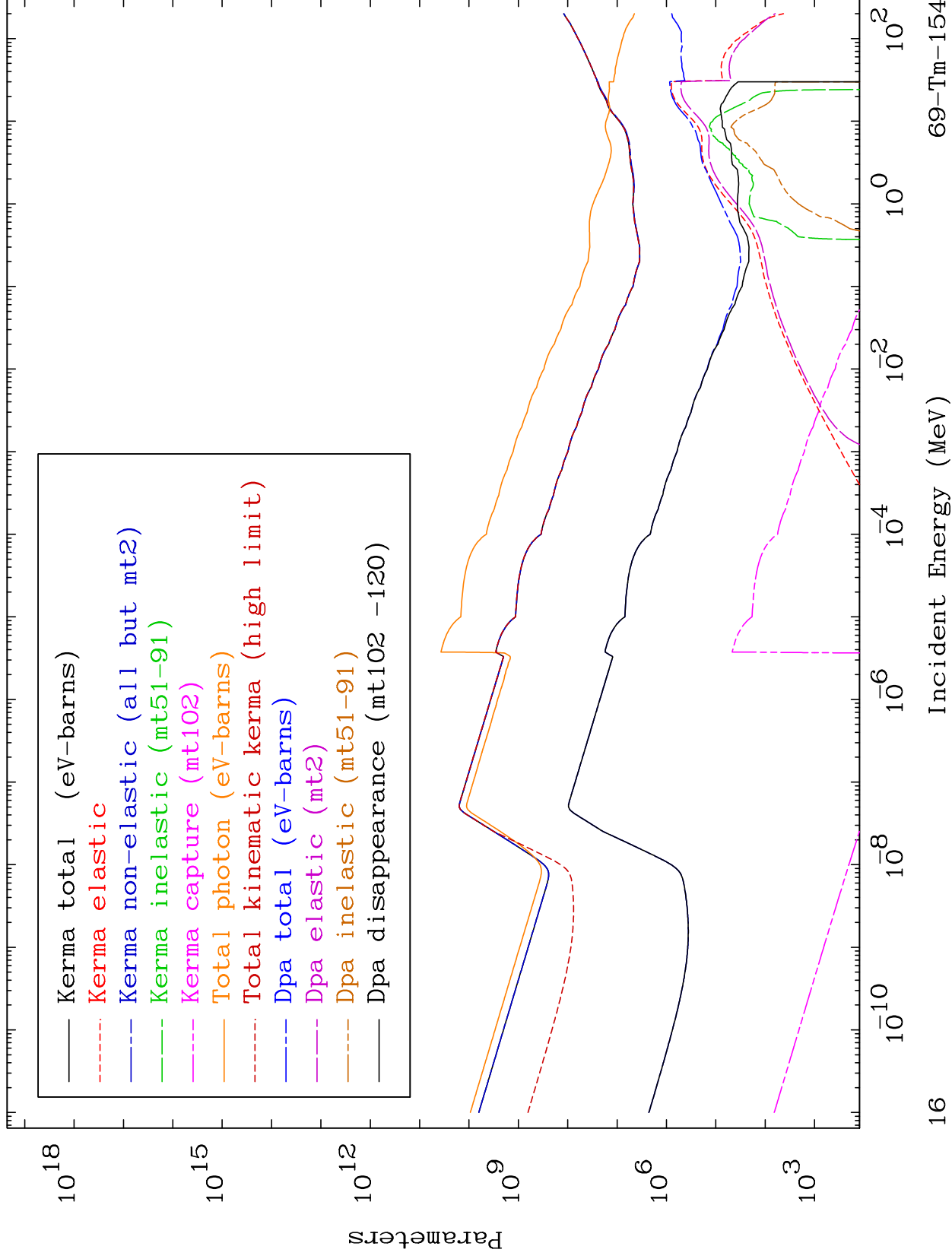
69-Tm-154

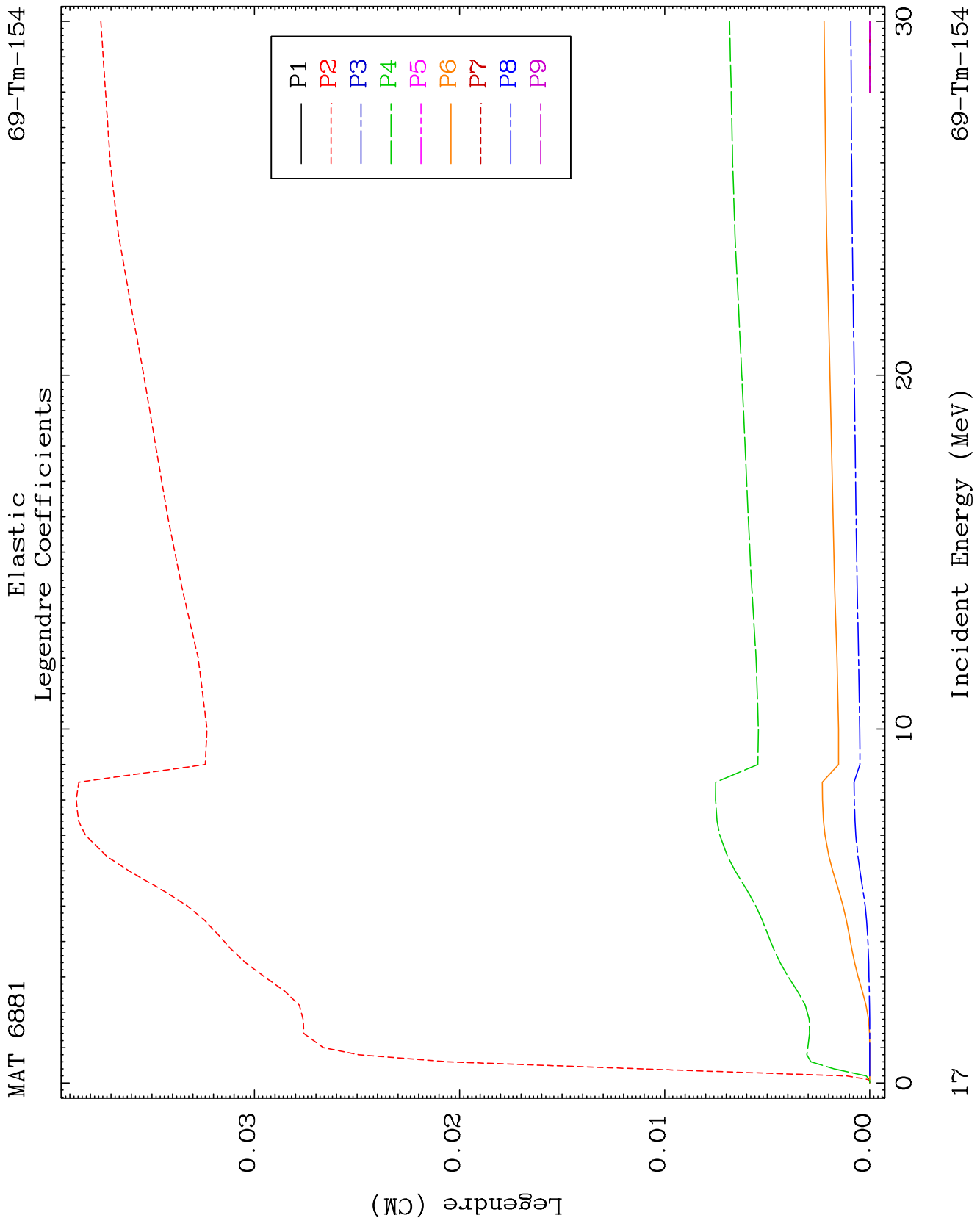


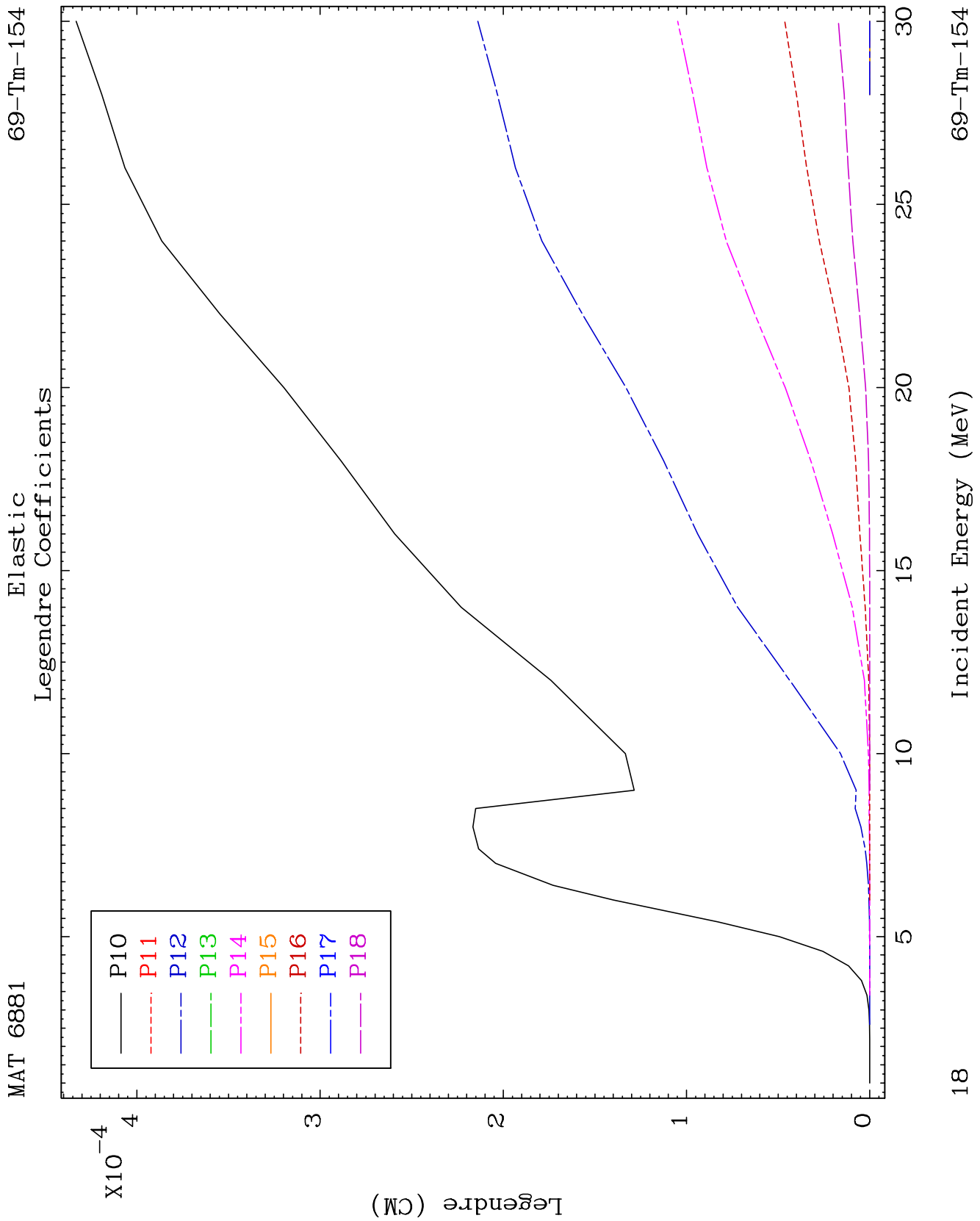
15

Incident Energy (MeV)

69-Tm-154



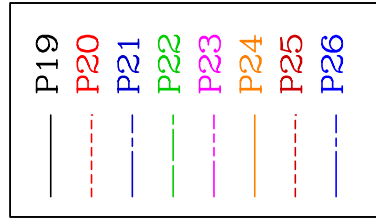




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Elastic
Legendre Coefficients

69-Tm-154



$\times 10^{-6}$

Legendre (CM)



19

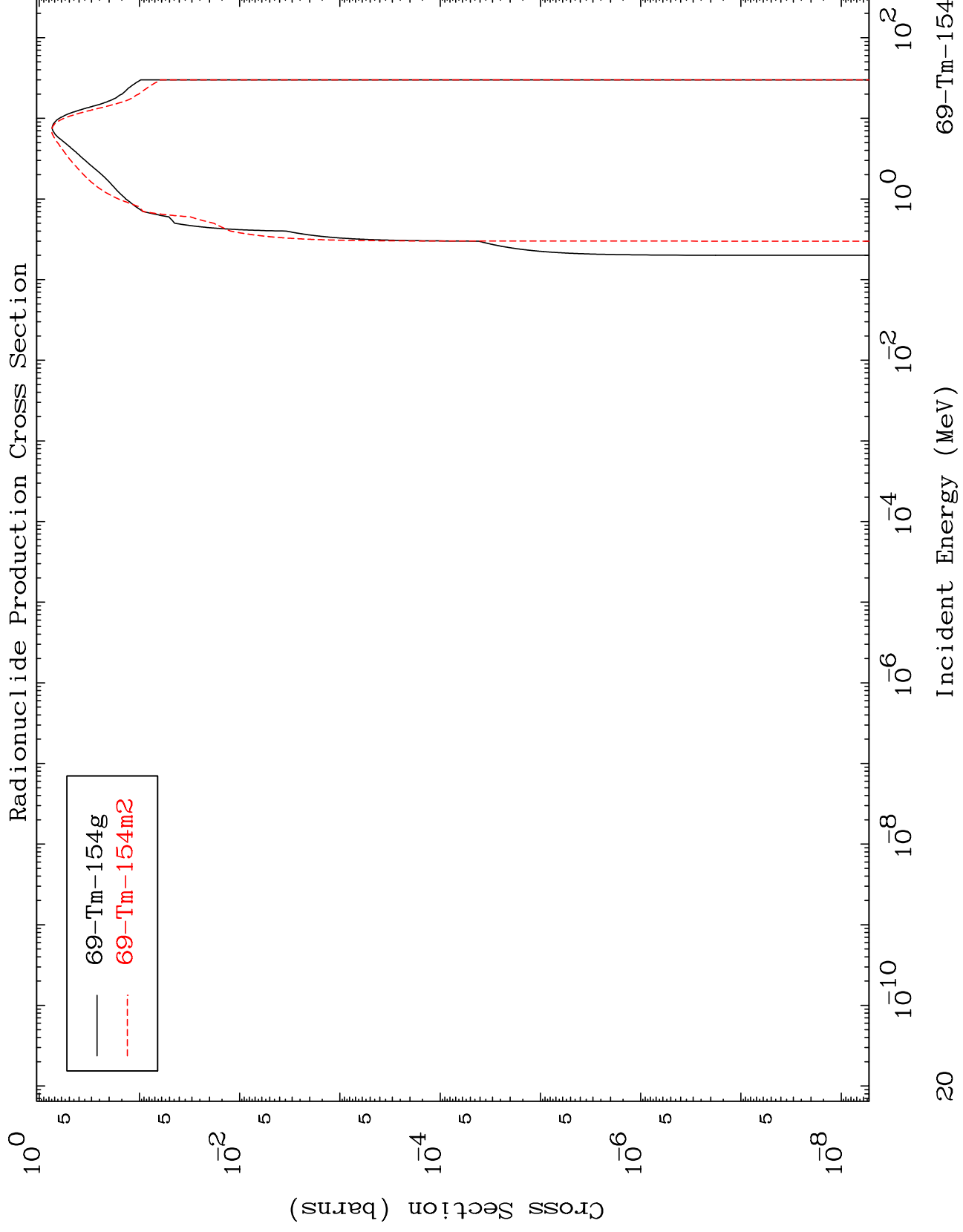
Incident Energy (MeV)

69-Tm-154

MAT 6881

Inelastic
Radionuclide Production Cross Section

69-Tm-154

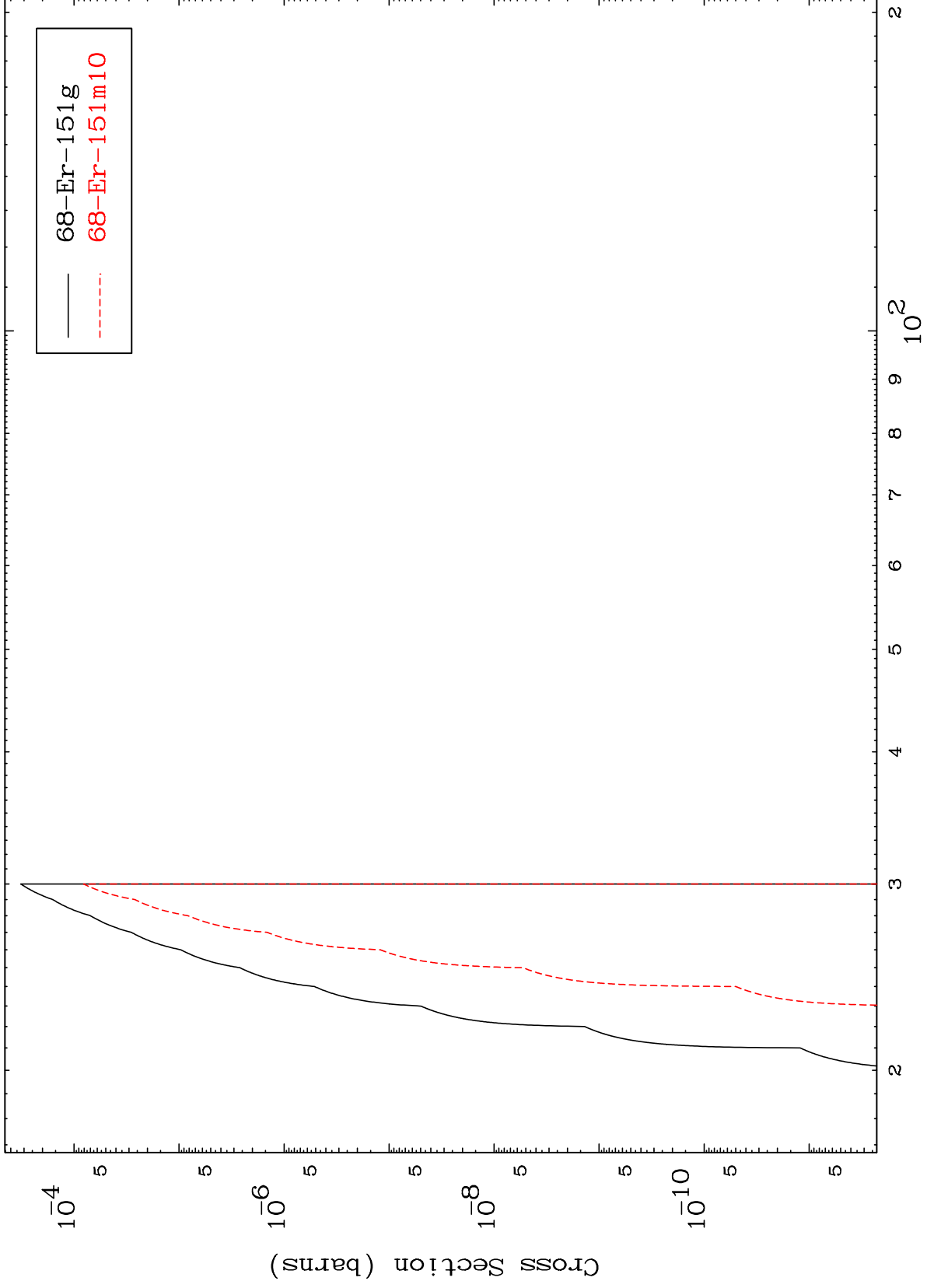


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(n,2n) d

69-Tm-154

Radionuclide Production Cross Section



21

Incident Energy (MeV)

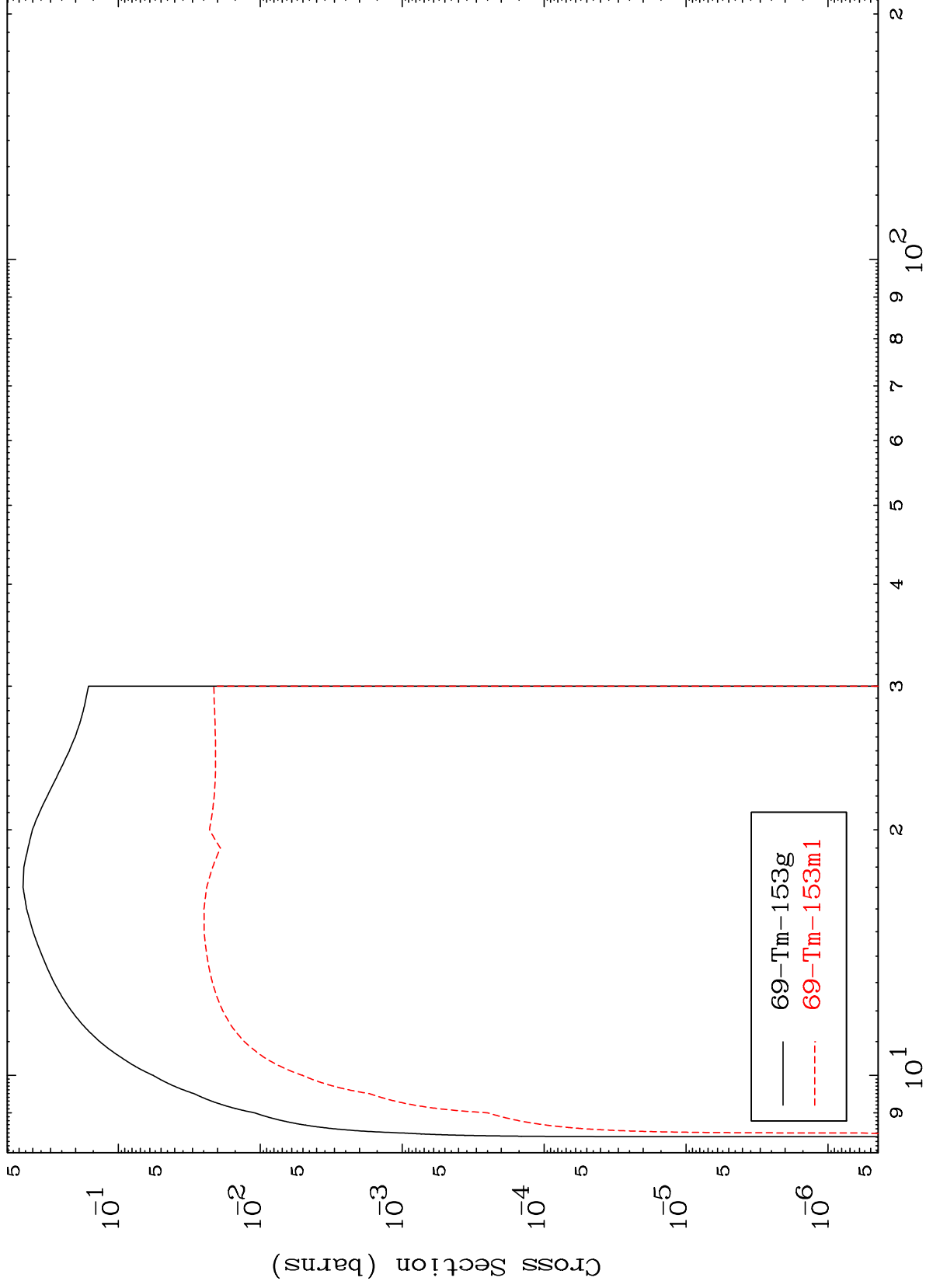
69-Tm-154

MAT 6881

(n,2n)

69-Tm-154

Radionuclide Production Cross Section



22

Incident Energy (MeV)

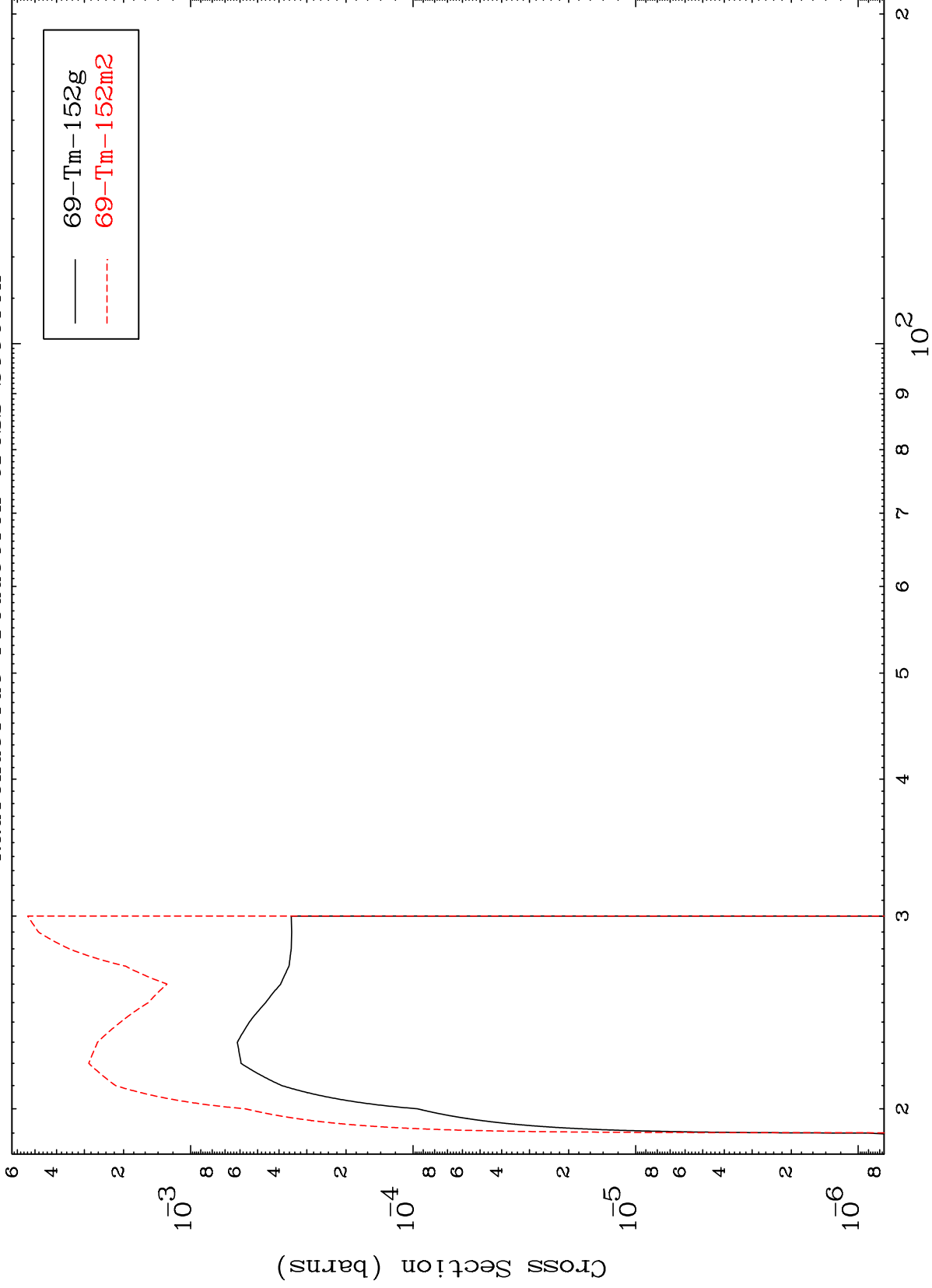
69-Tm-154

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(n,3n)

69-Tm-154

Radionuclide Production Cross Section



23

Incident Energy (MeV)

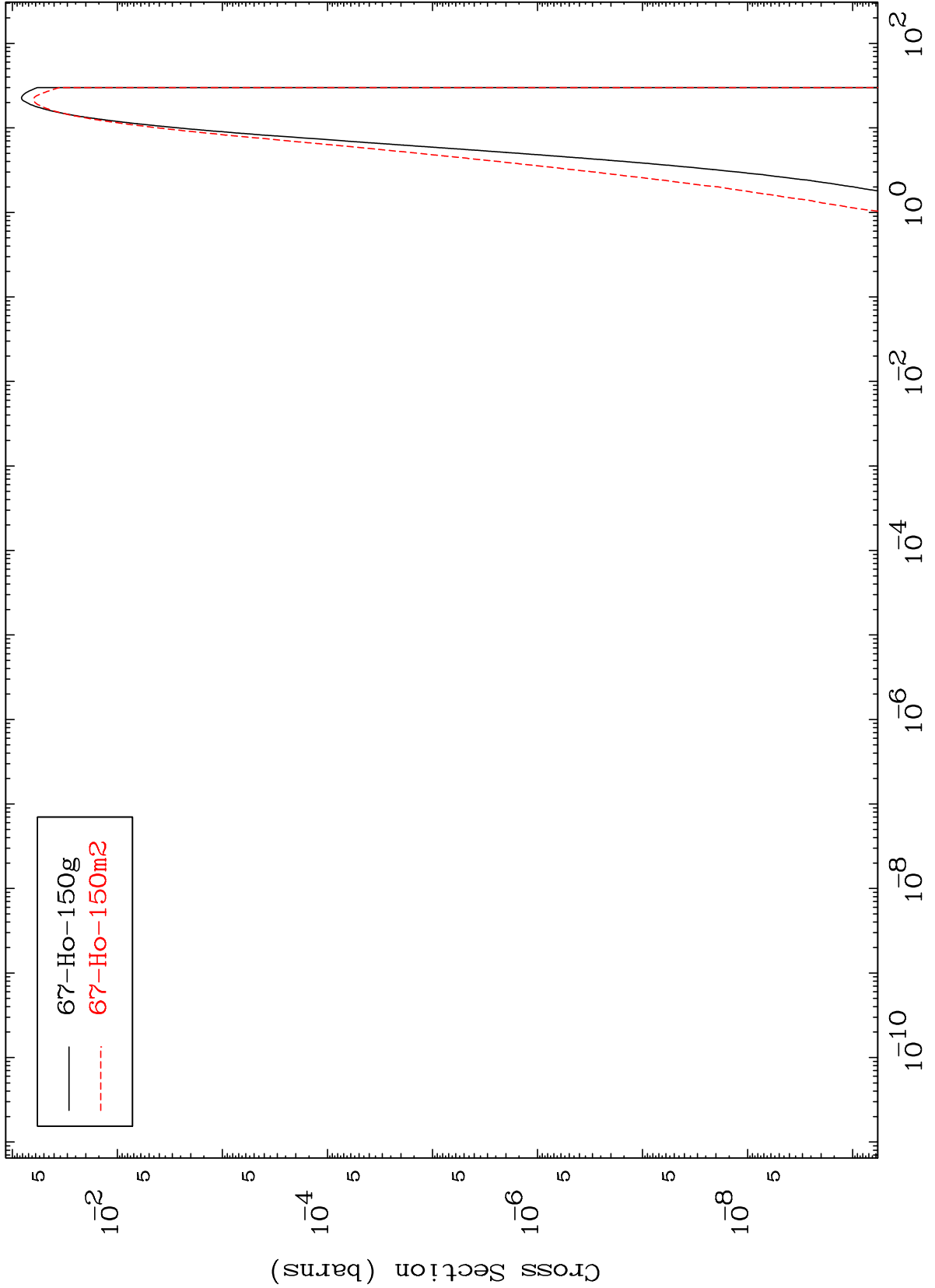
69-Tm-154

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(n, n') α

69-Tm-154

Radionuclide Production Cross Section

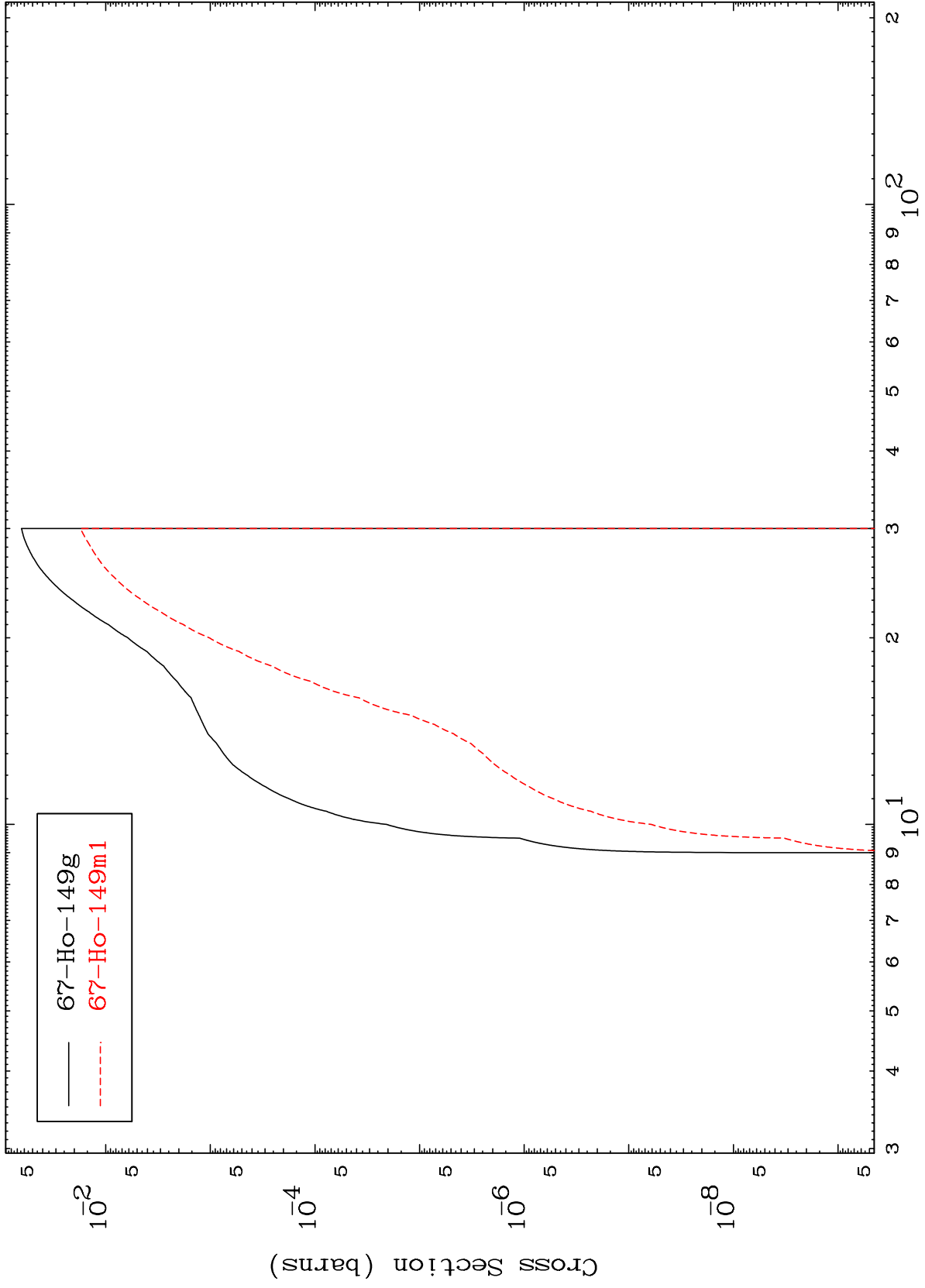


MAT 6881

$(n,2n) \alpha$

69-Tm-154

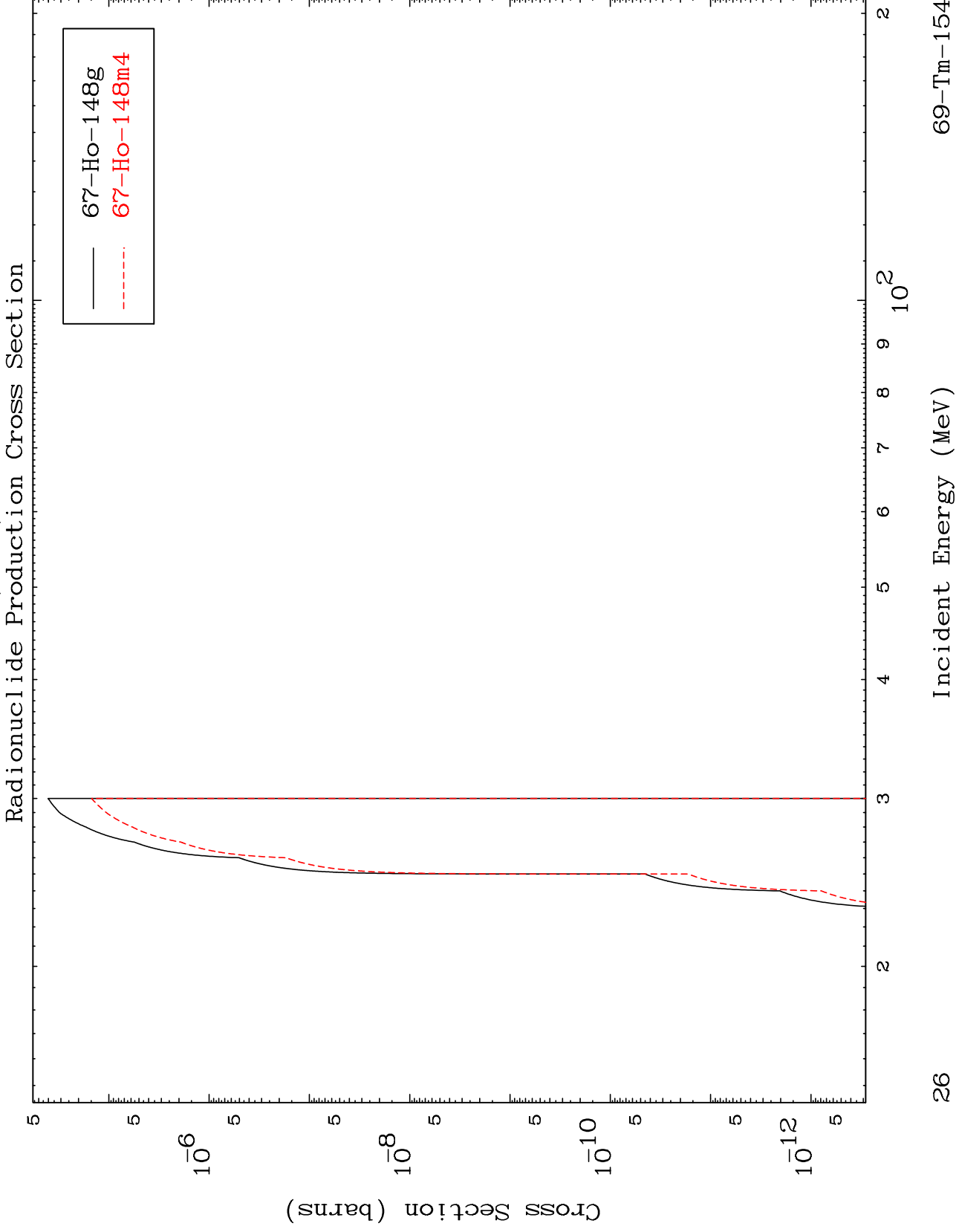
Radionuclide Production Cross Section



25

Incident Energy (MeV)

69-Tm-154

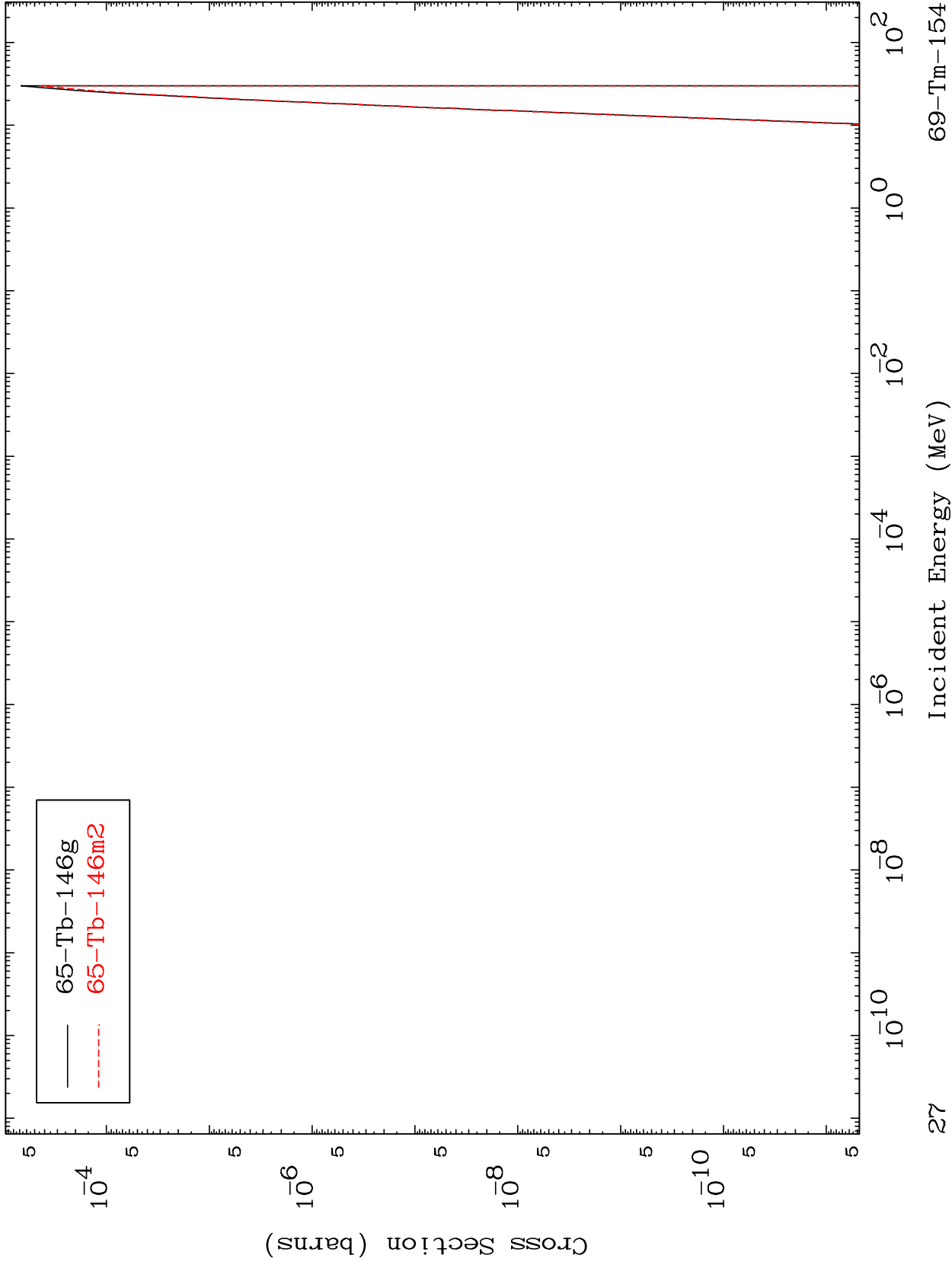


MAT 6881

(n,n') 2α

69-Tm-154

Radionuclide Production Cross Section

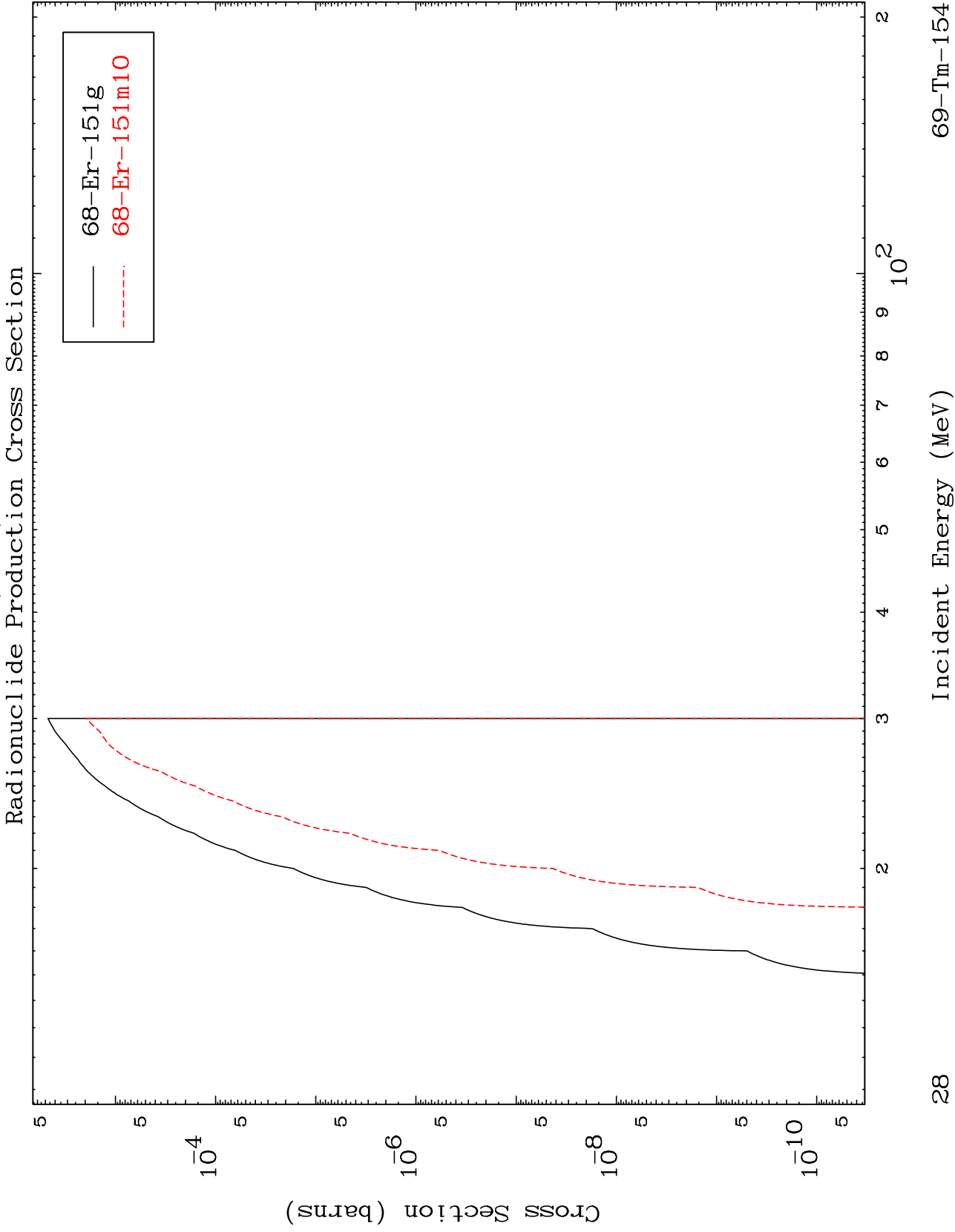


27

MAT 6881

(n,n') t

69-Tm-154



28

Incident Energy (MeV)

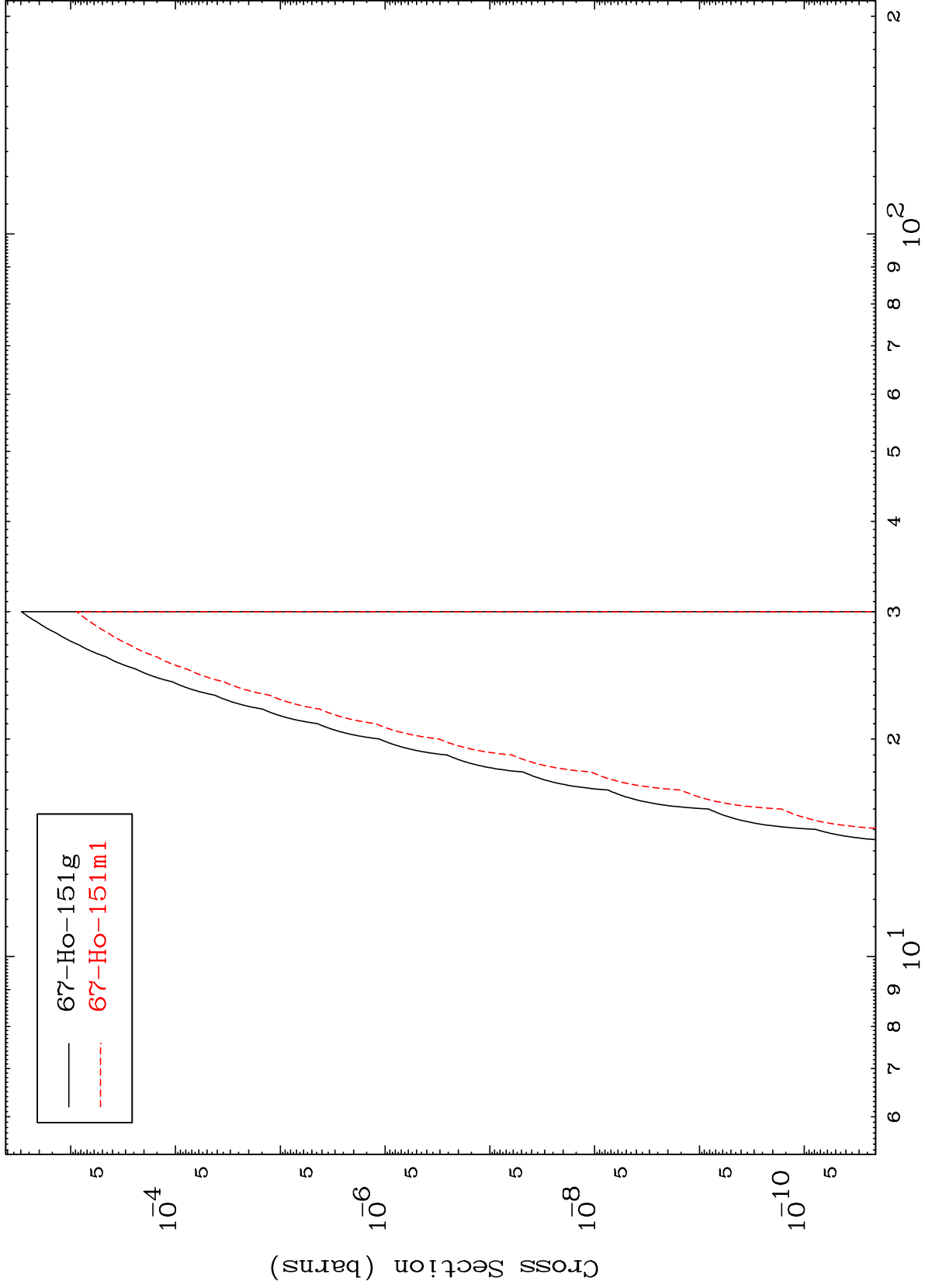
69-Tm-154

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(n,n') He-3

69-Tm-154

Radionuclide Production Cross Section



29

Incident Energy (MeV)

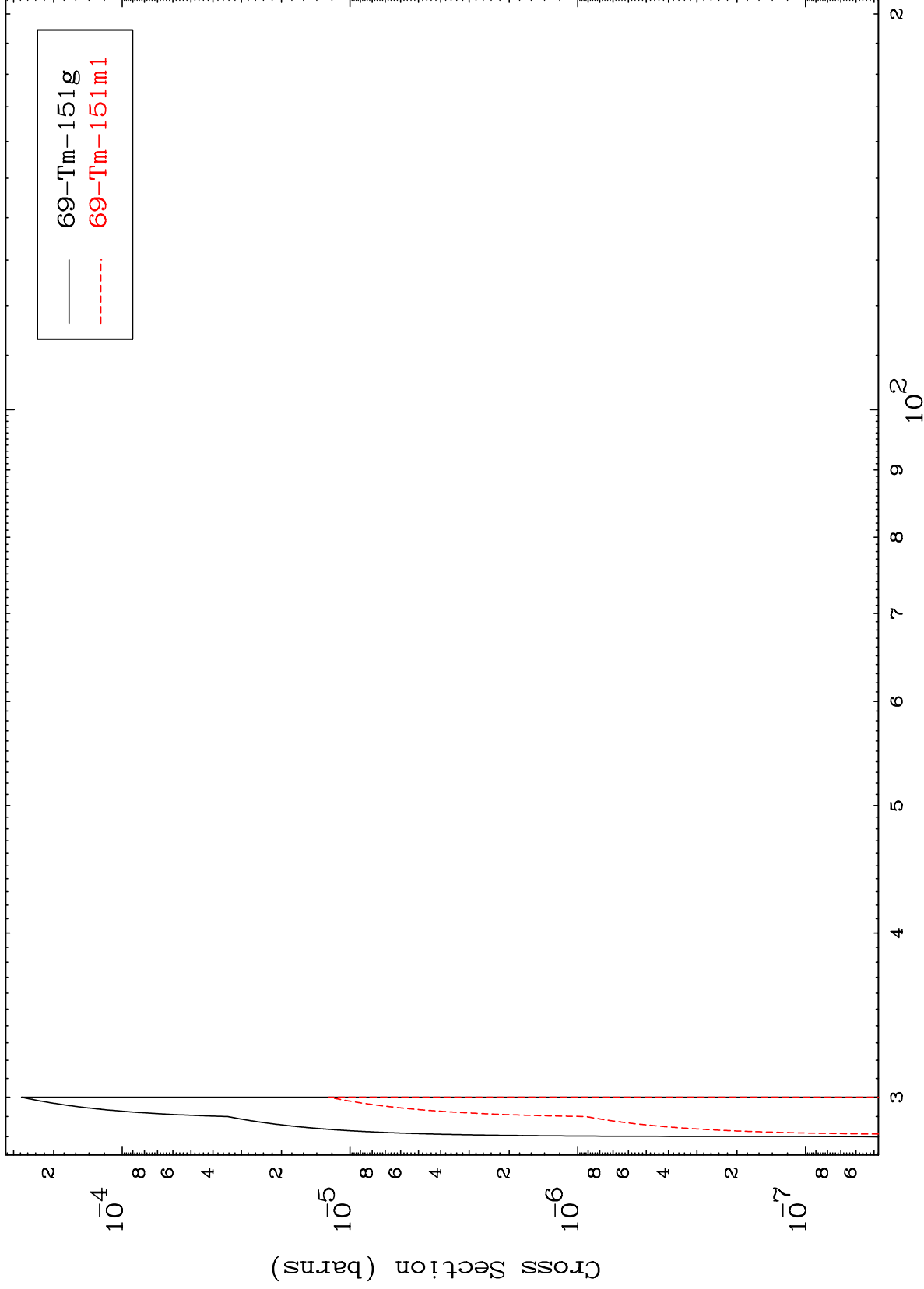
69-Tm-154

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(n,4n)

69-Tm-154

Radionuclide Production Cross Section



30

Incident Energy (MeV)

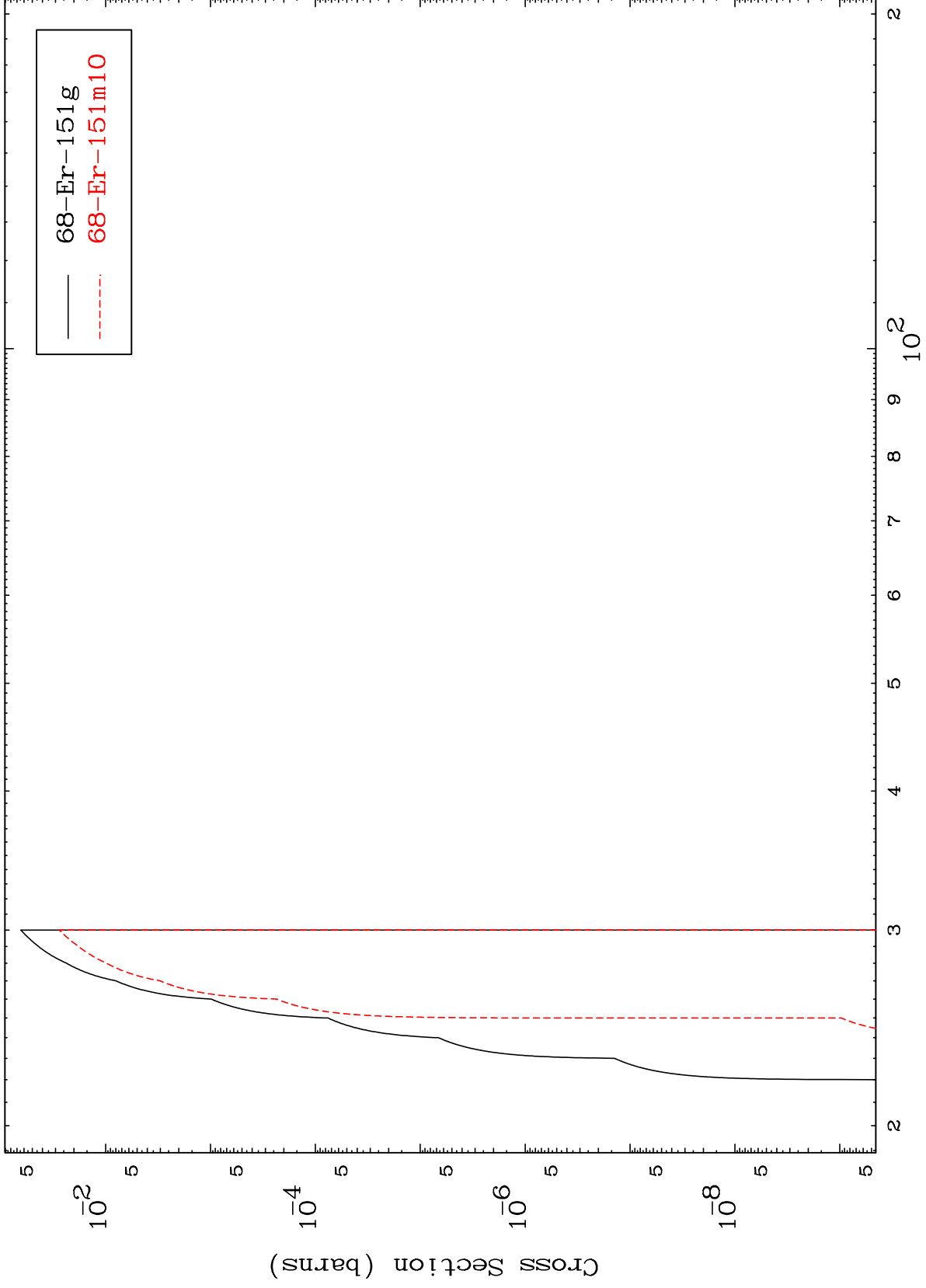
69-Tm-154

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(n,3n) p

69-Tm-154

Radionuclide Production Cross Section



31

Incident Energy (MeV)

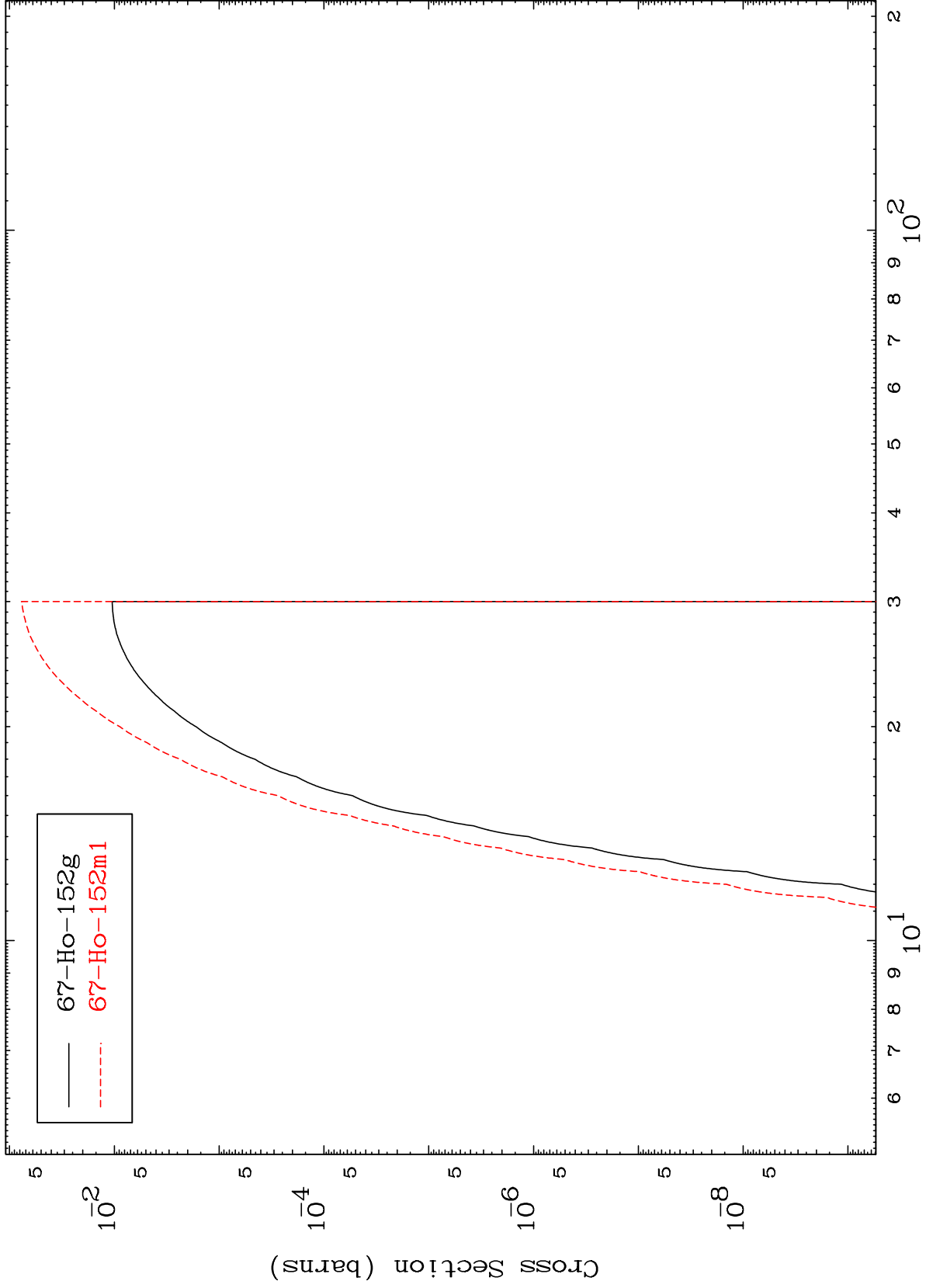
69-Tm-154

MAT 6881

$(n,2n)$ p

69-Tm-154

Radionuclide Production Cross Section



32

Incident Energy (MeV)

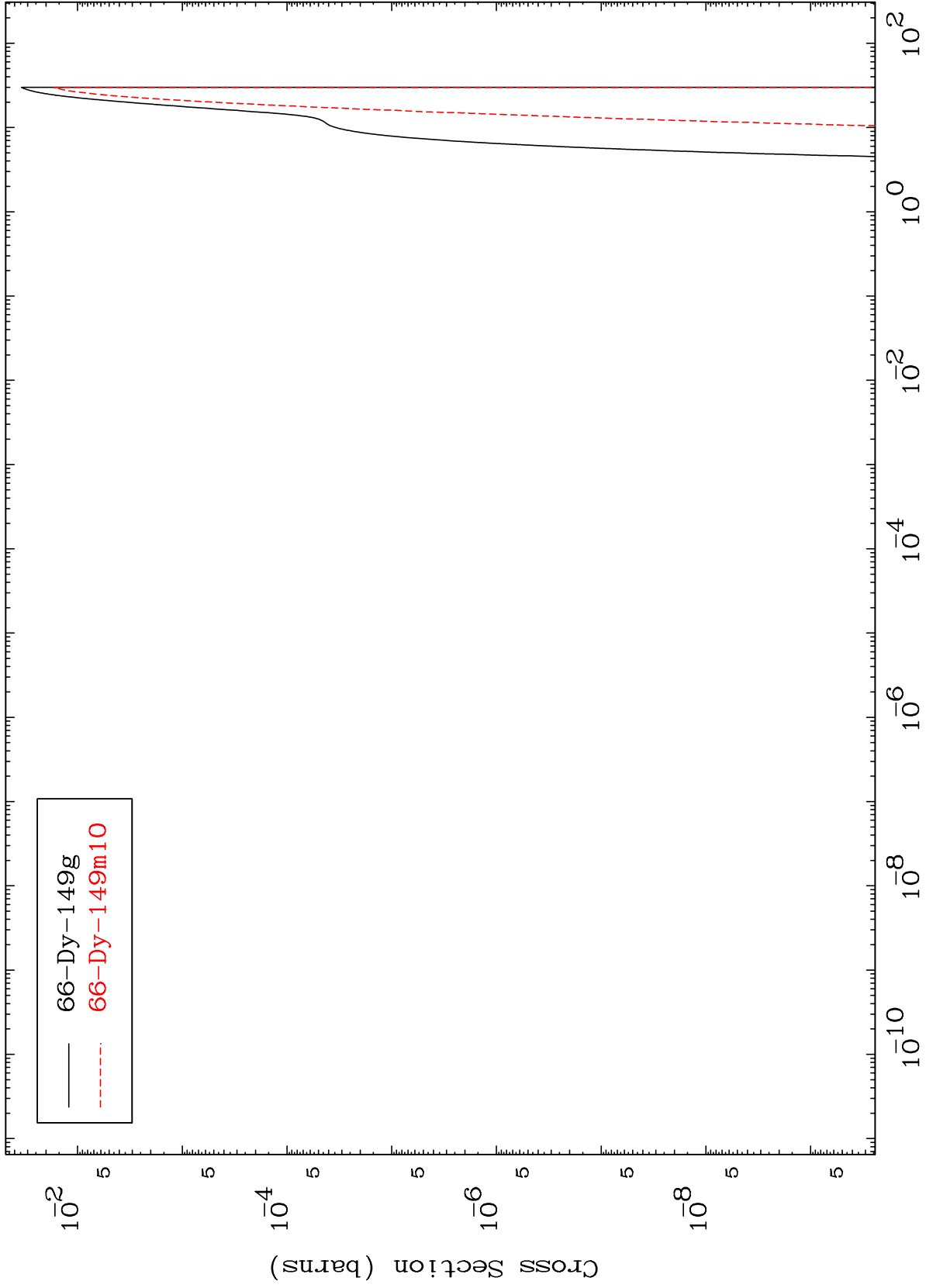
69-Tm-154

MAT 6881

(n,n') p α

69-Tm-154

Radionuclide Production Cross Section



33

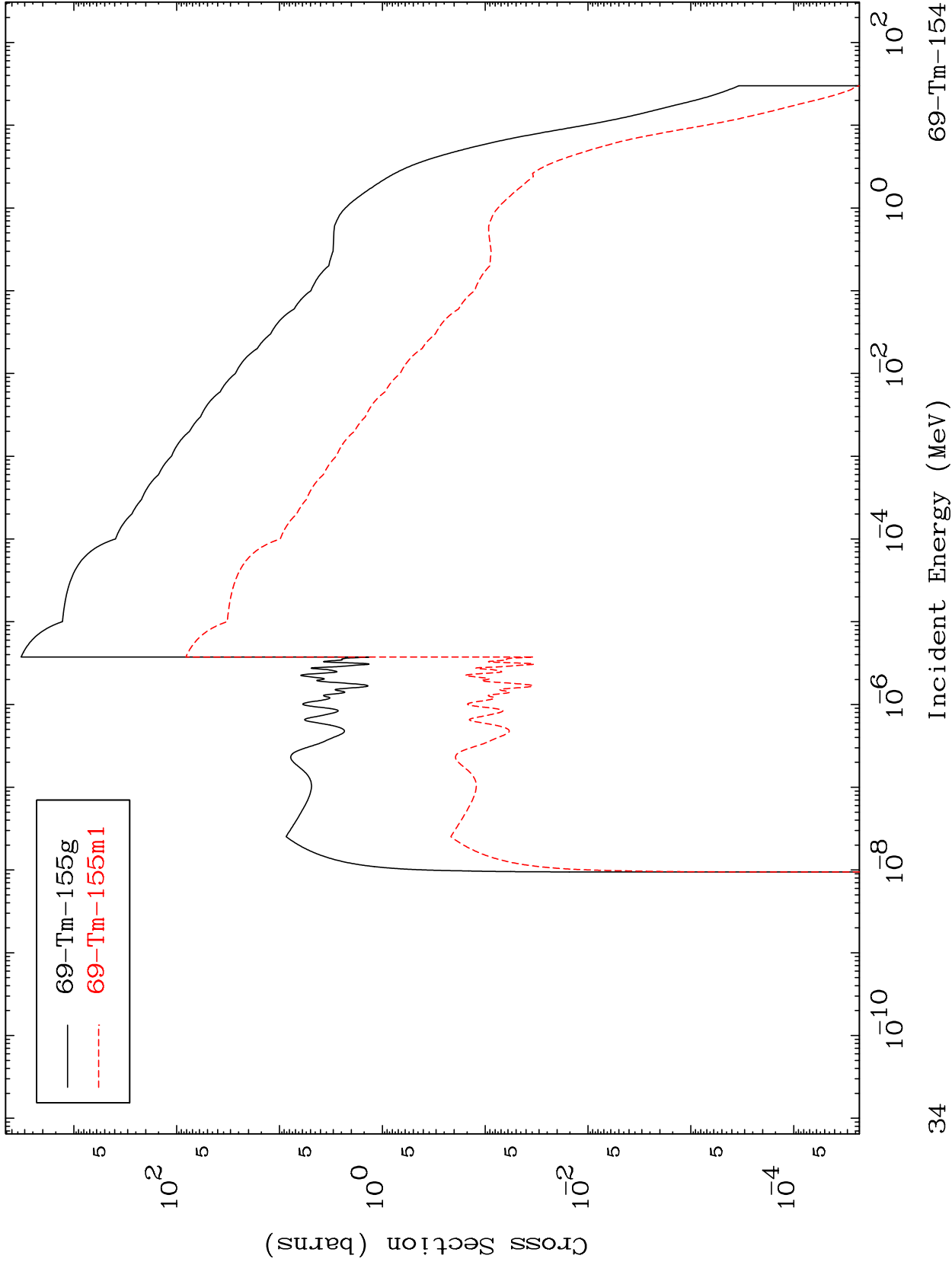
Incident Energy (MeV)

69-Tm-154

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69-Tm-154

(n,γ)
Radionuclide Production Cross Section



34

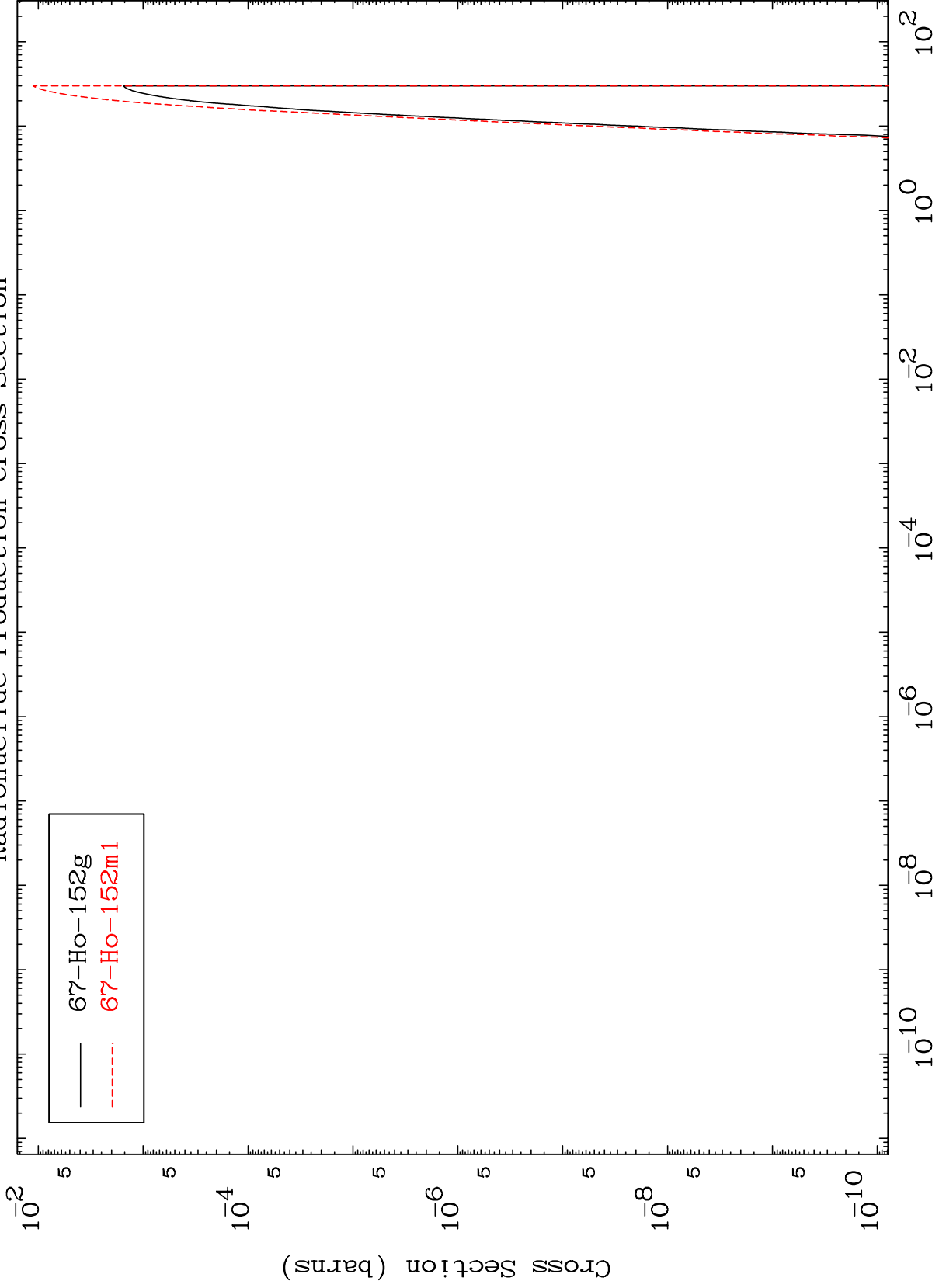
69-Tm-154

MAT 6881

(n,He-3)

69-Tm-154

Radionuclide Production Cross Section



35

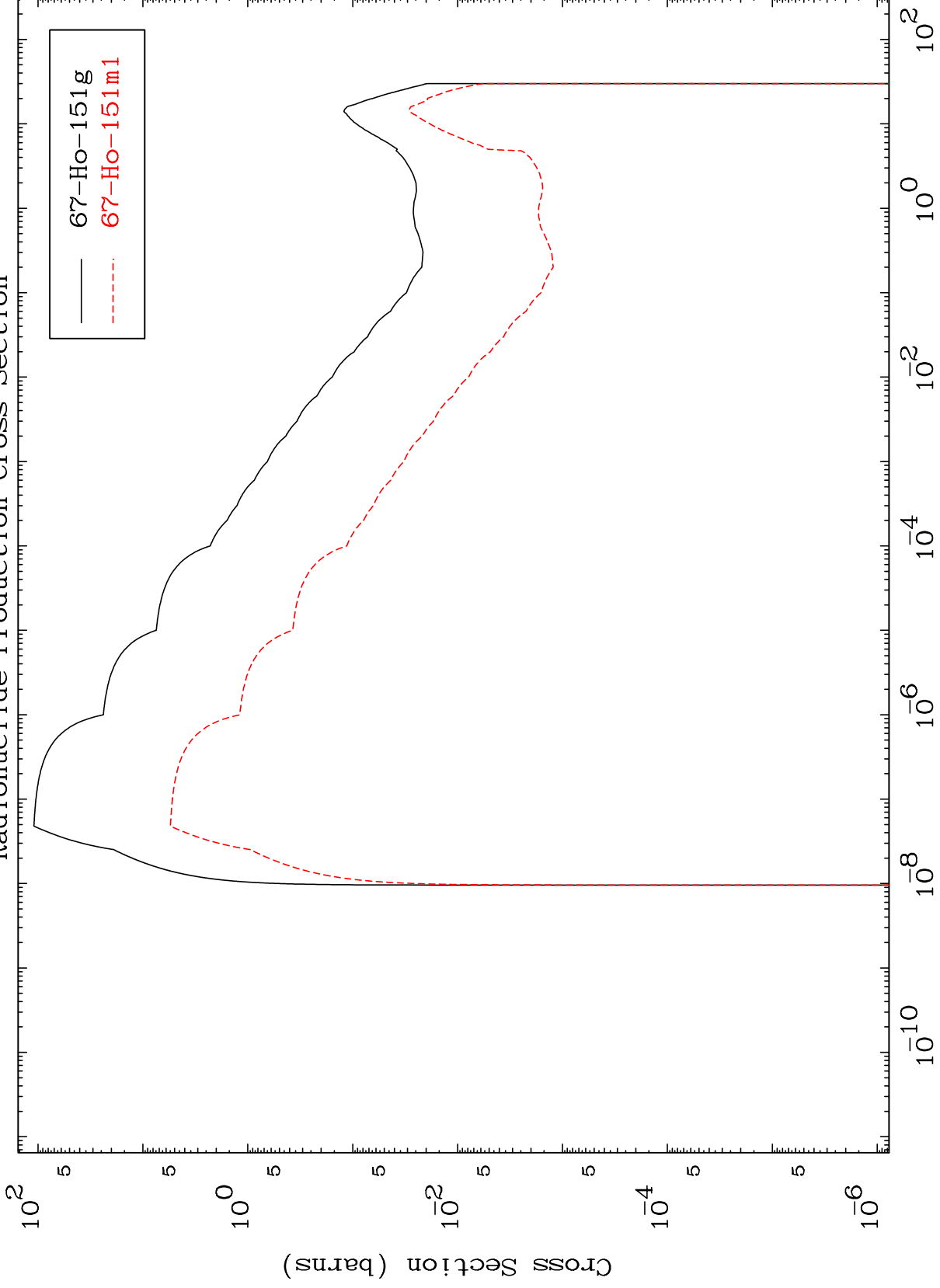
Incident Energy (MeV)

69-Tm-154

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69-Tm-154

(n, α)
Radionuclide Production Cross Section



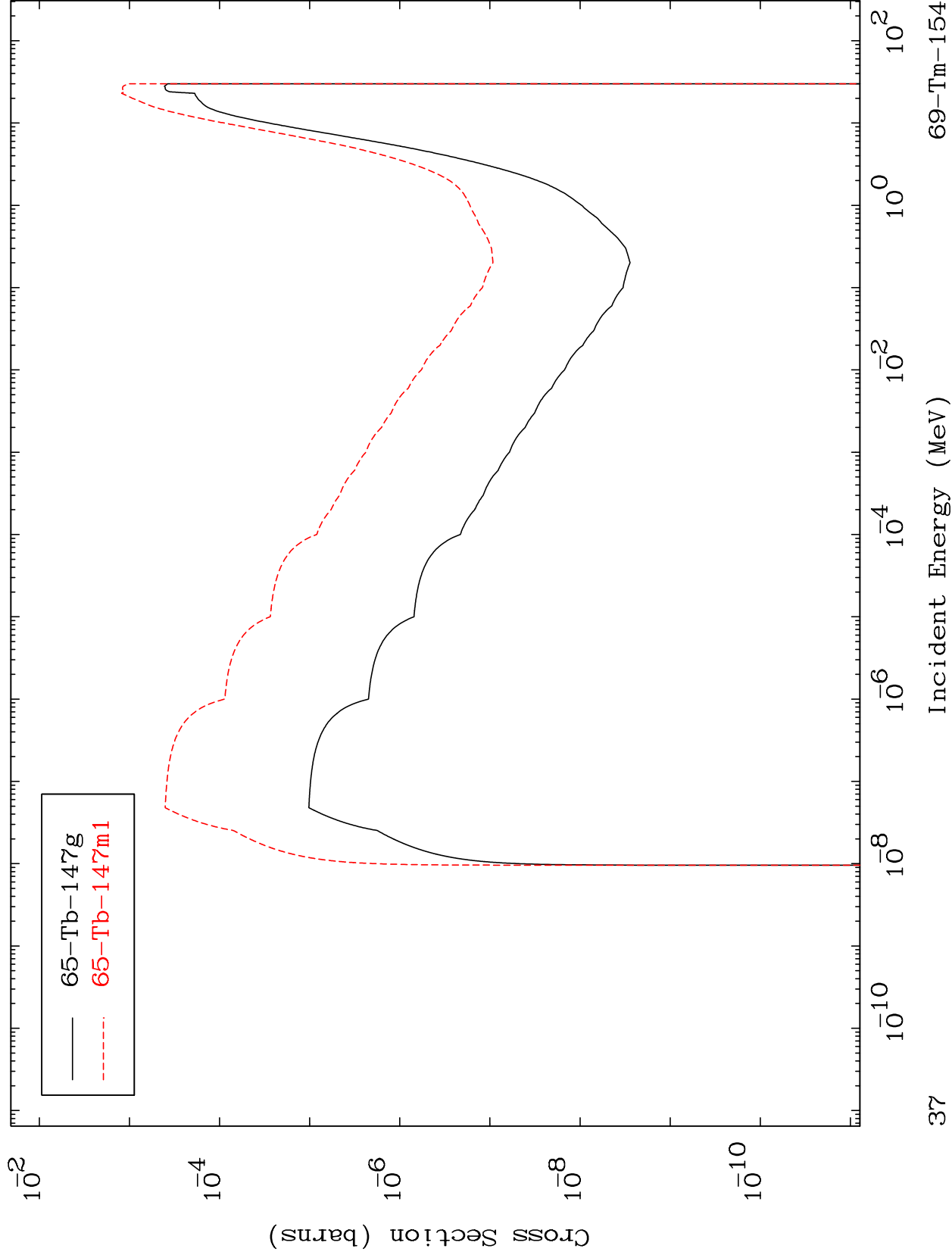
36

69-Tm-154

MAT 6881

69-Tm-154

(n,2α)
Radionuclide Production Cross Section

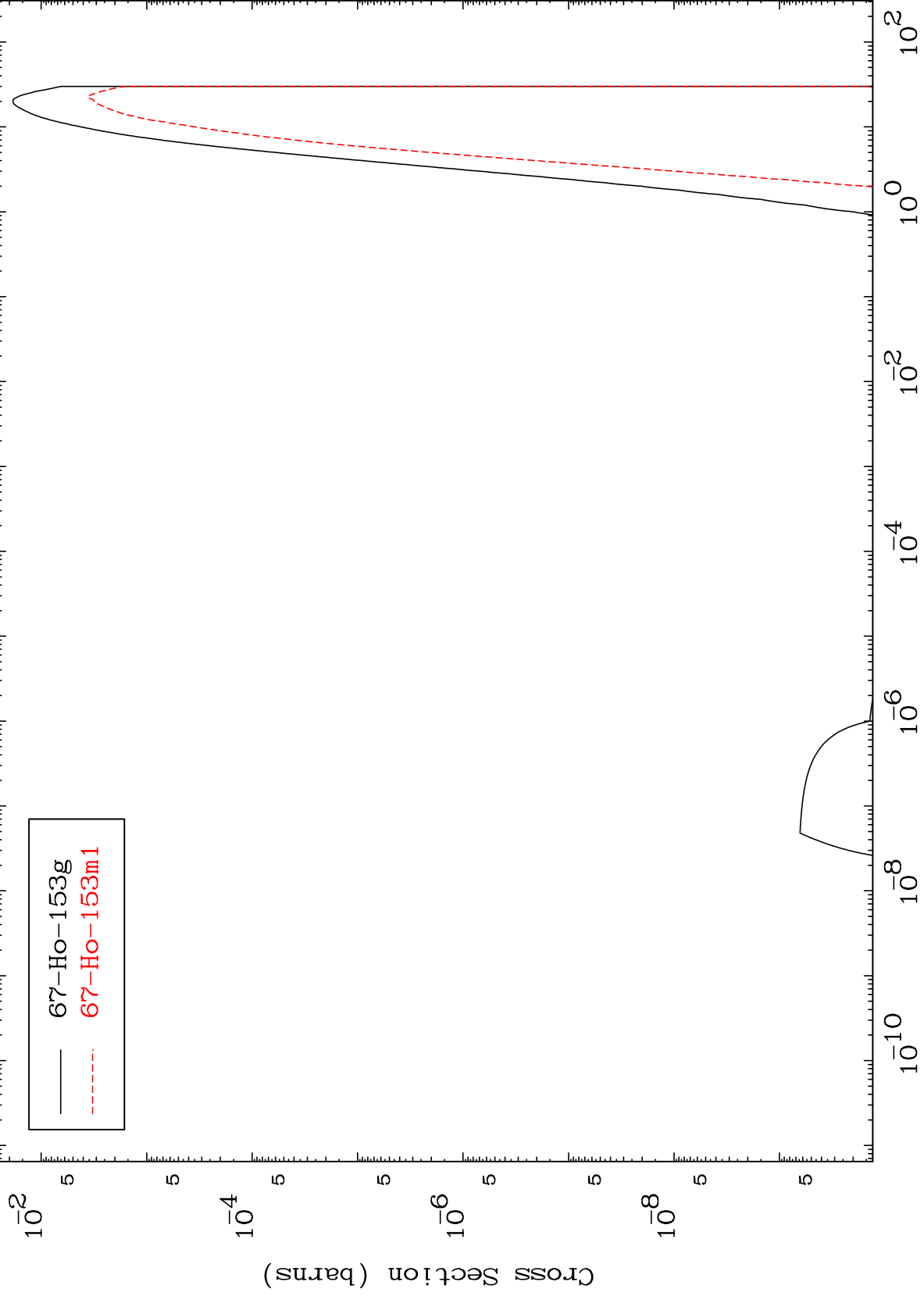


MAT 6881

(n,2p)

69-Tm-154

Radionuclide Production Cross Section



38

Incident Energy (MeV)

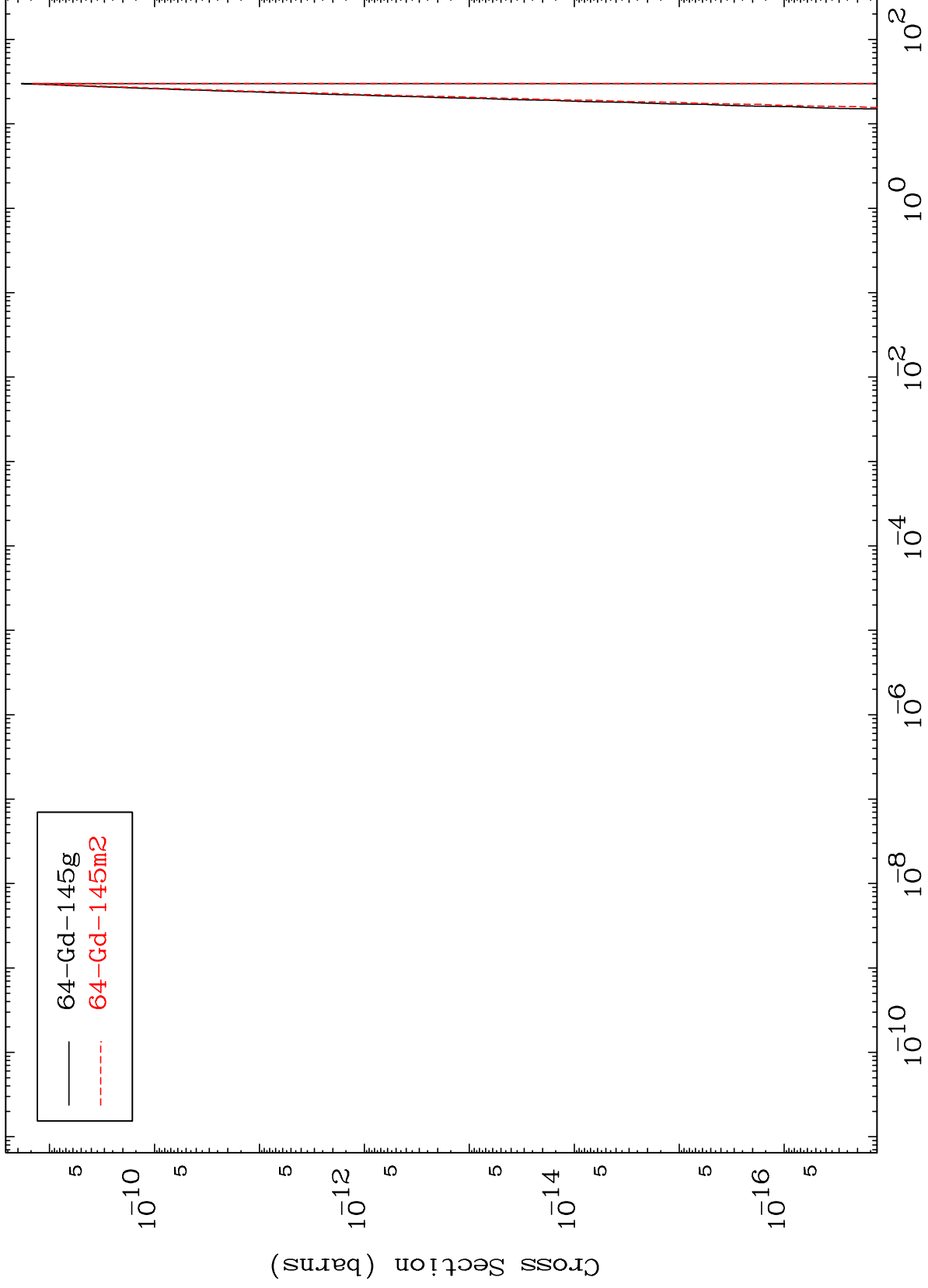
69-Tm-154

MAT 6881

(n,d) 2α

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

Radionuclide Production Cross Section

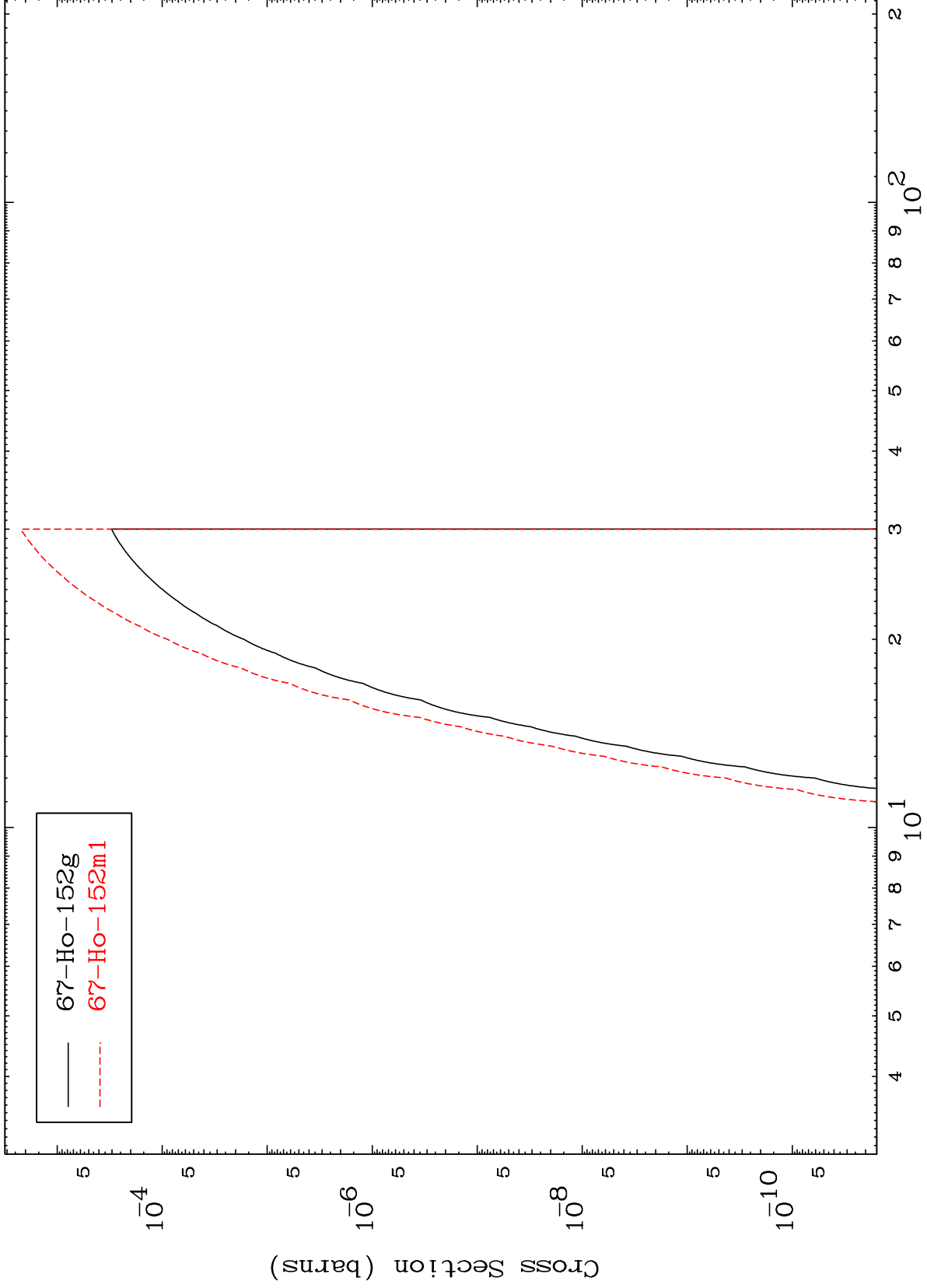


MAT 6881

(n,p) d

69-Tm-154

Radionuclide Production Cross Section



40

Incident Energy (MeV)

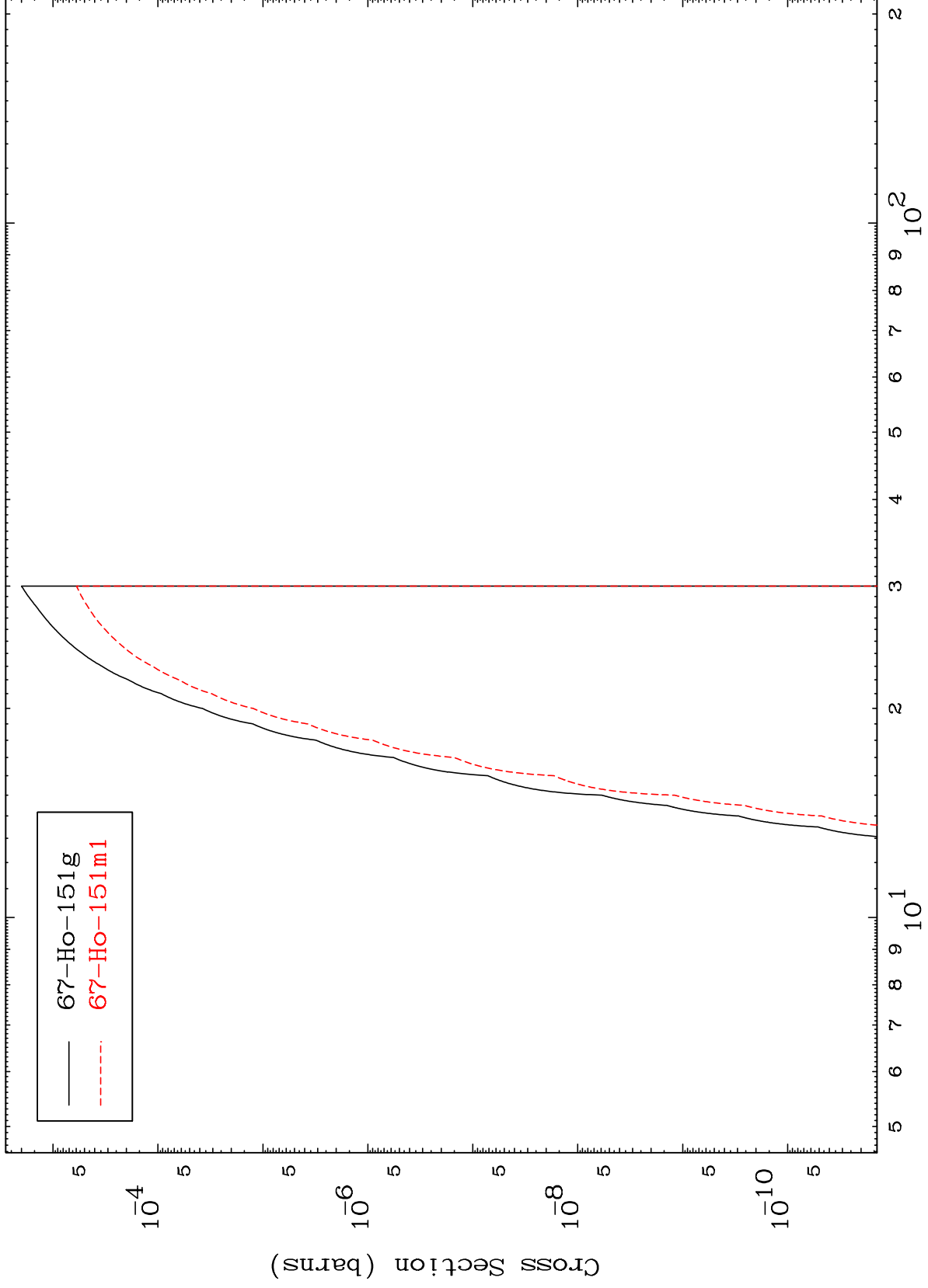
69-Tm-154

MAT 6881

(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

