

Program EVALPLOT
(Version 2015-2)

by

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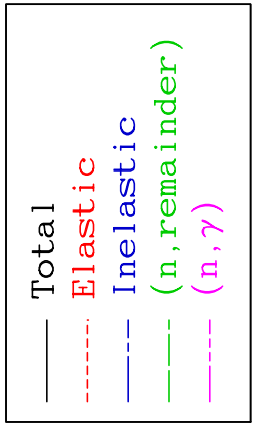
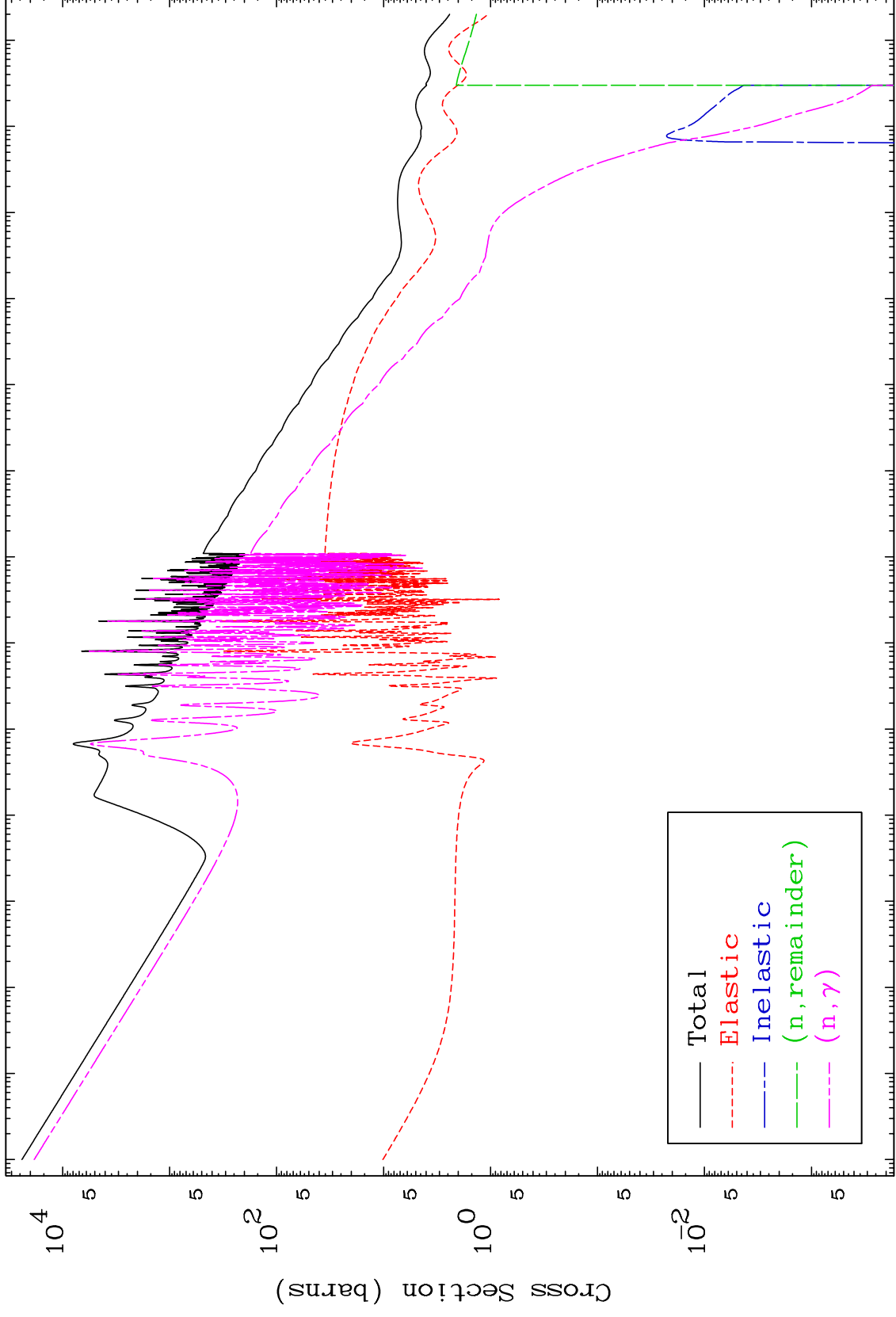
Press Mouse Button to Start

MAT 6875

Major

293 Kelvin Cross Sections

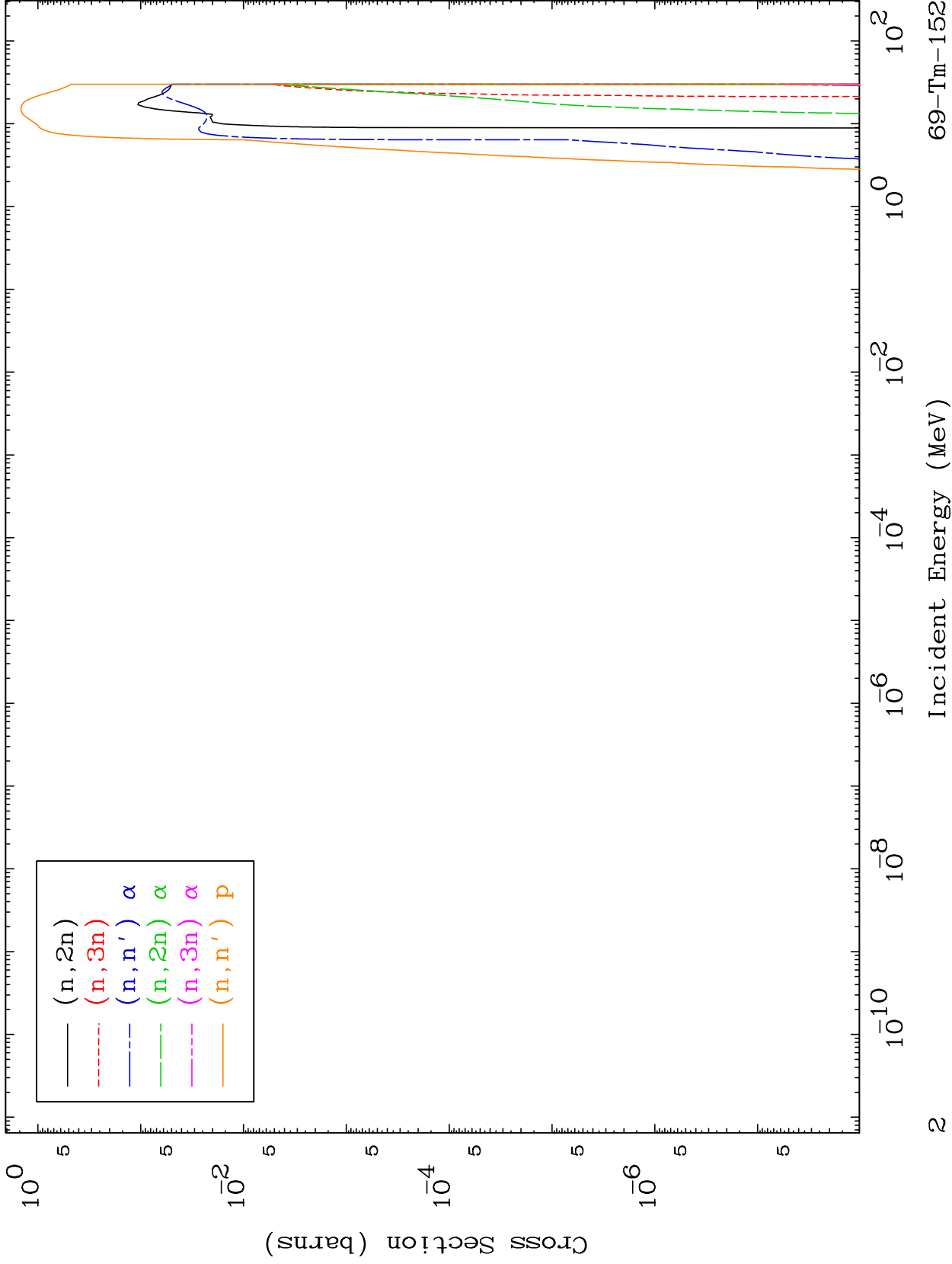
69-Tm-152



MAT 6875

Neutron Production
293 Kelvin Cross Sections

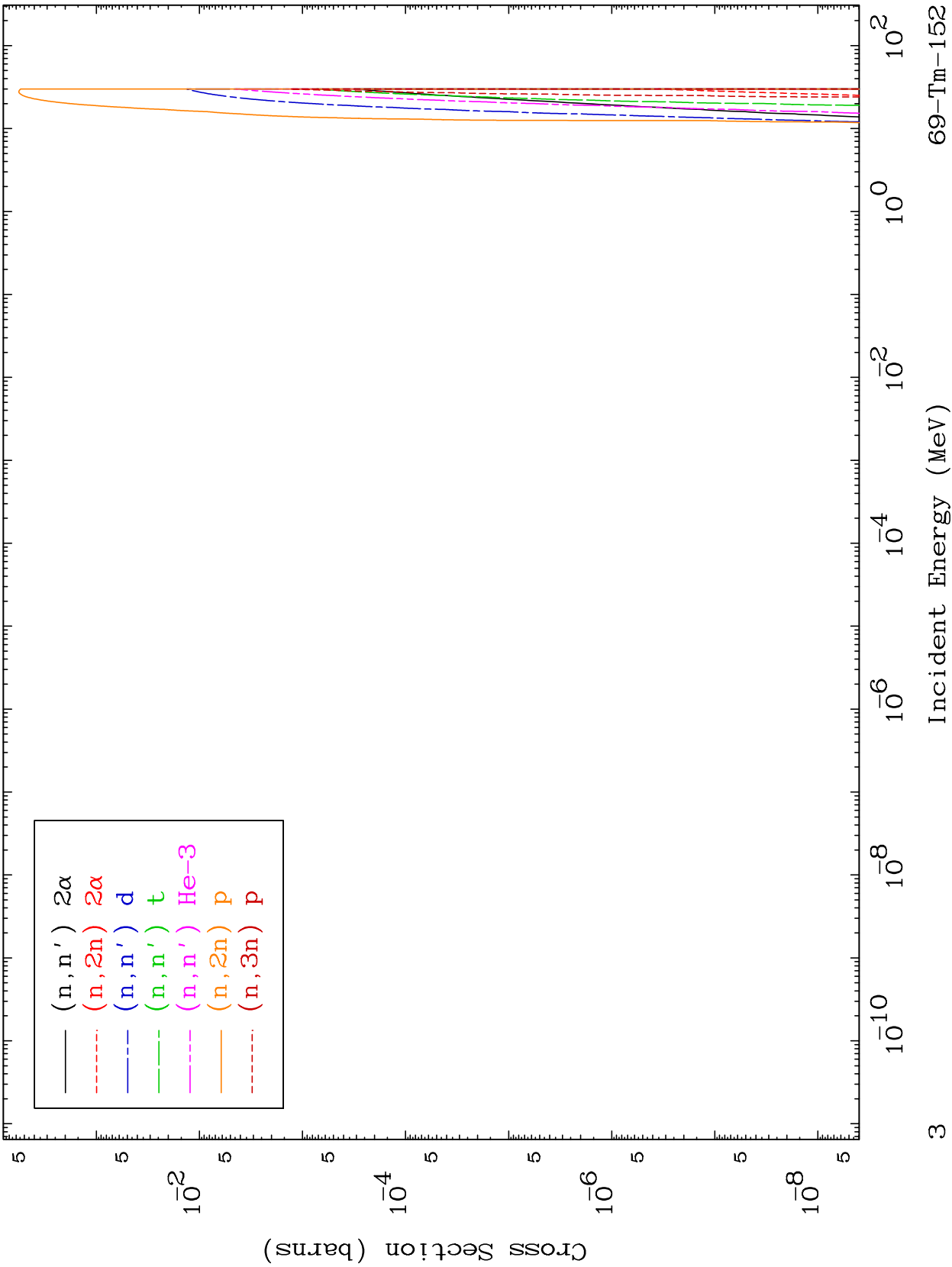
69-Tm-152



MAT 6875

Neutron Production
293 Kelvin Cross Sections

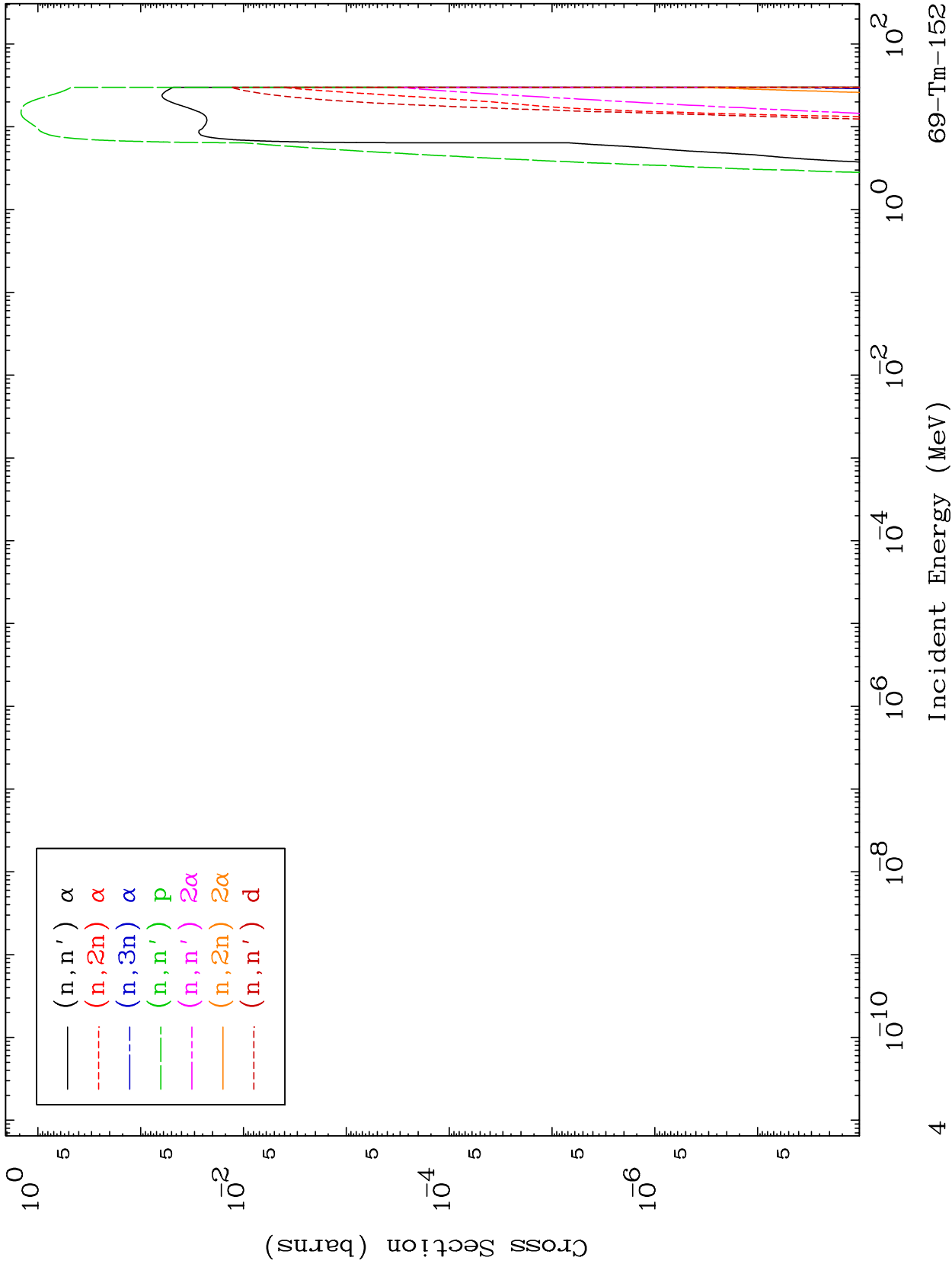
69-Tm-152



MAT 6875

Charged Particle
293 Kelvin Cross Sections

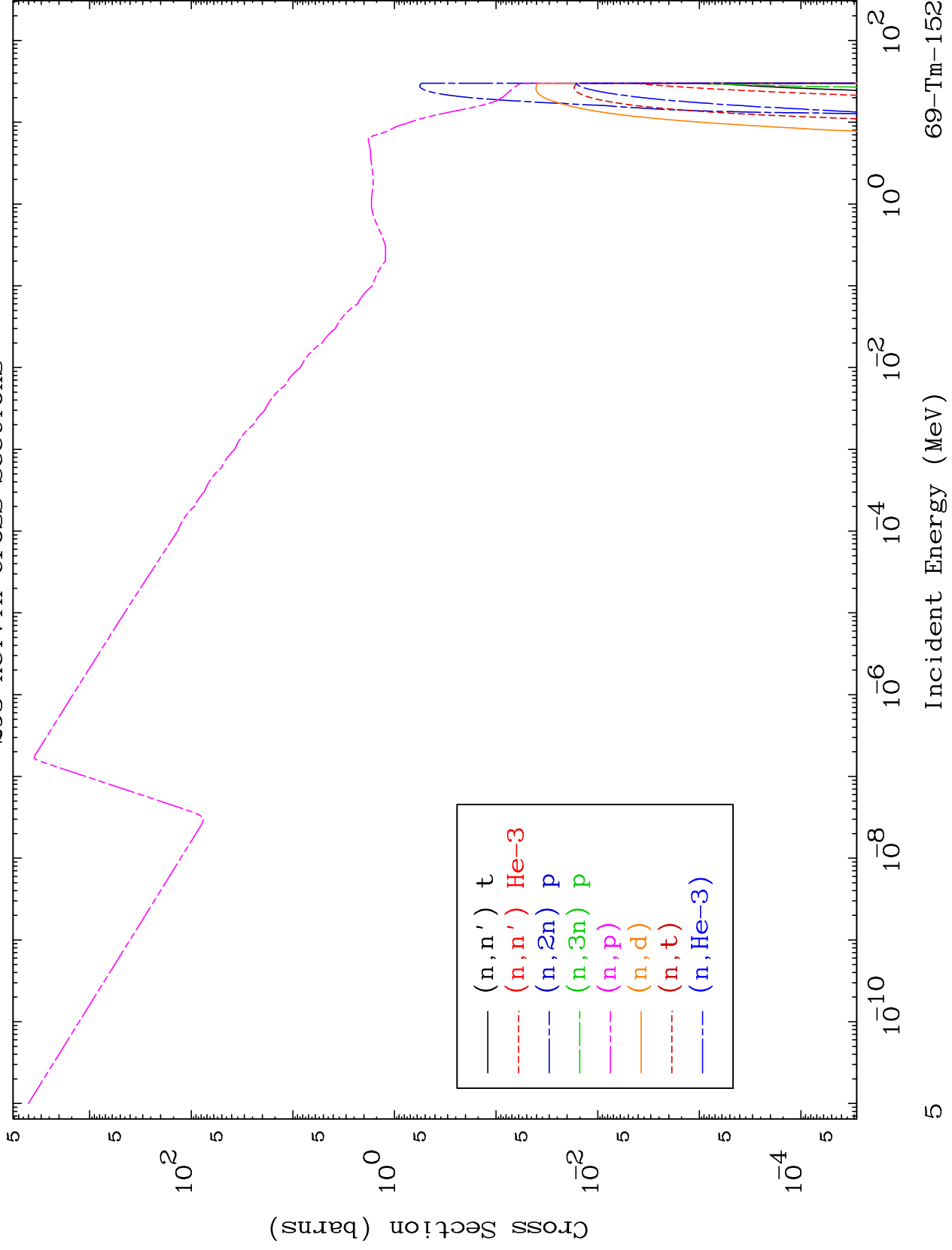
69-Tm-152



MAT 6875

Charged Particle
293 Kelvin Cross Sections

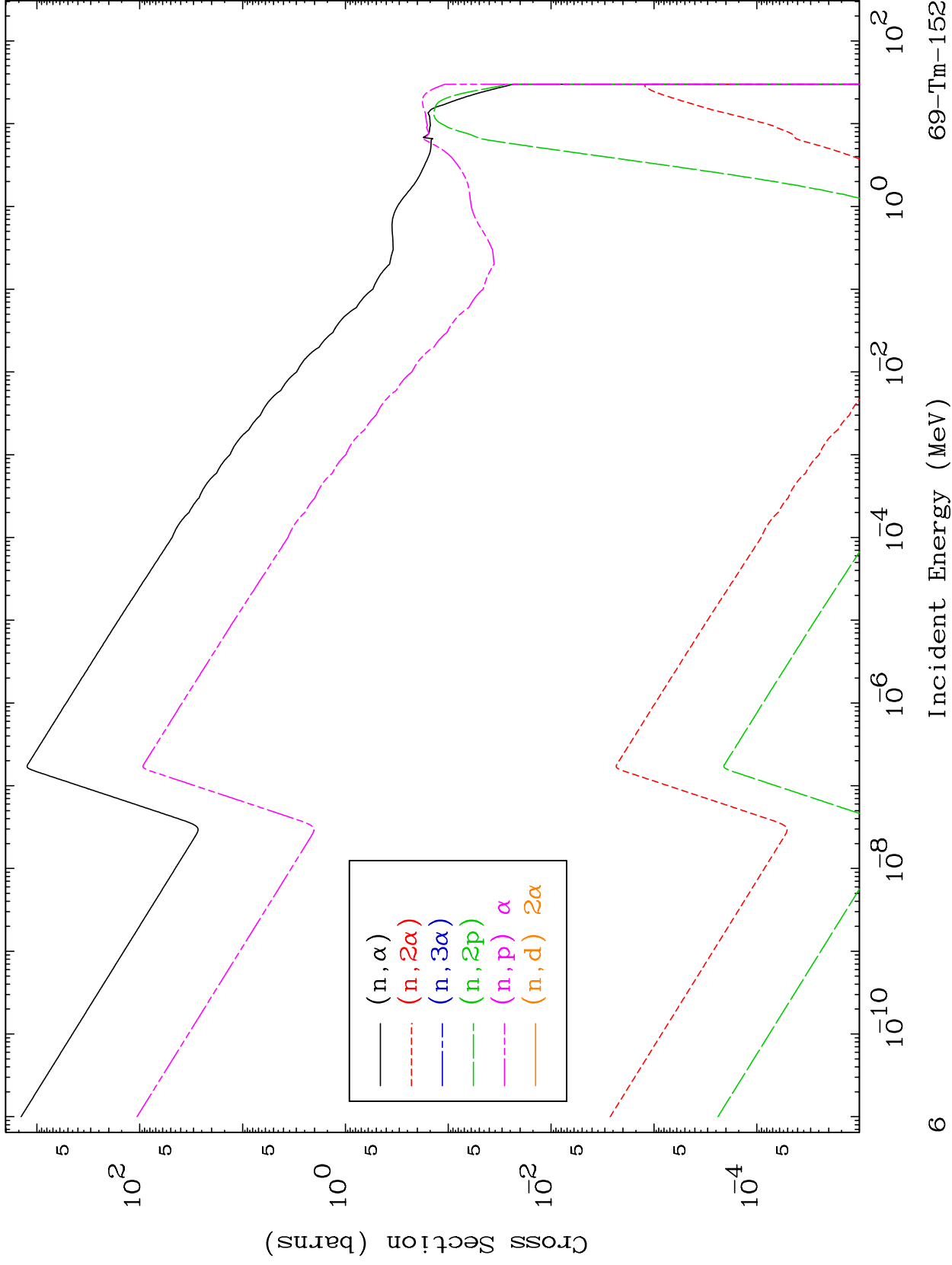
69-Tm-152



MAT 6875

Charged Particle
293 Kelvin Cross Sections

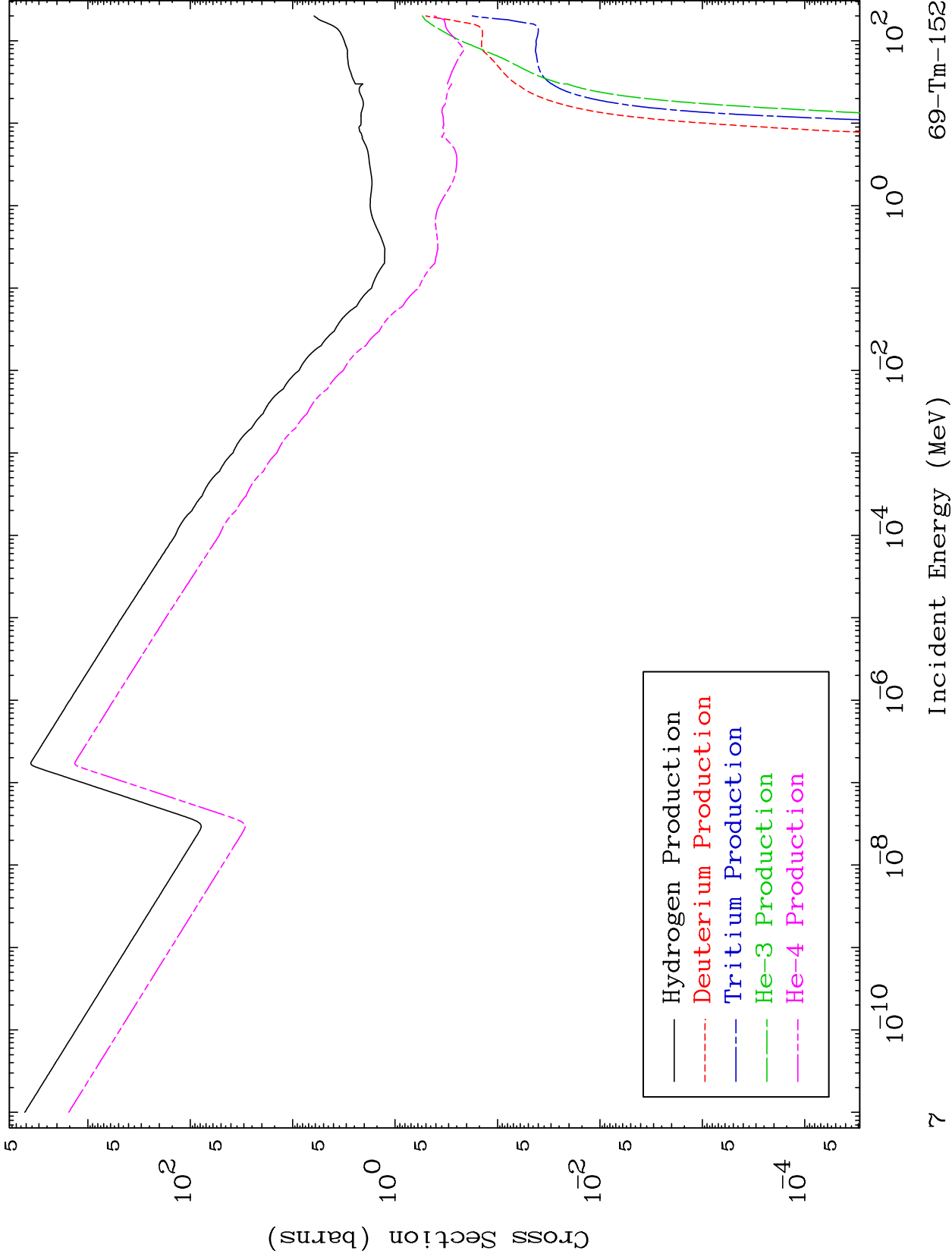
69-Tm-152



MAT 6875

Particle Production
293 Kelvin Cross Sections

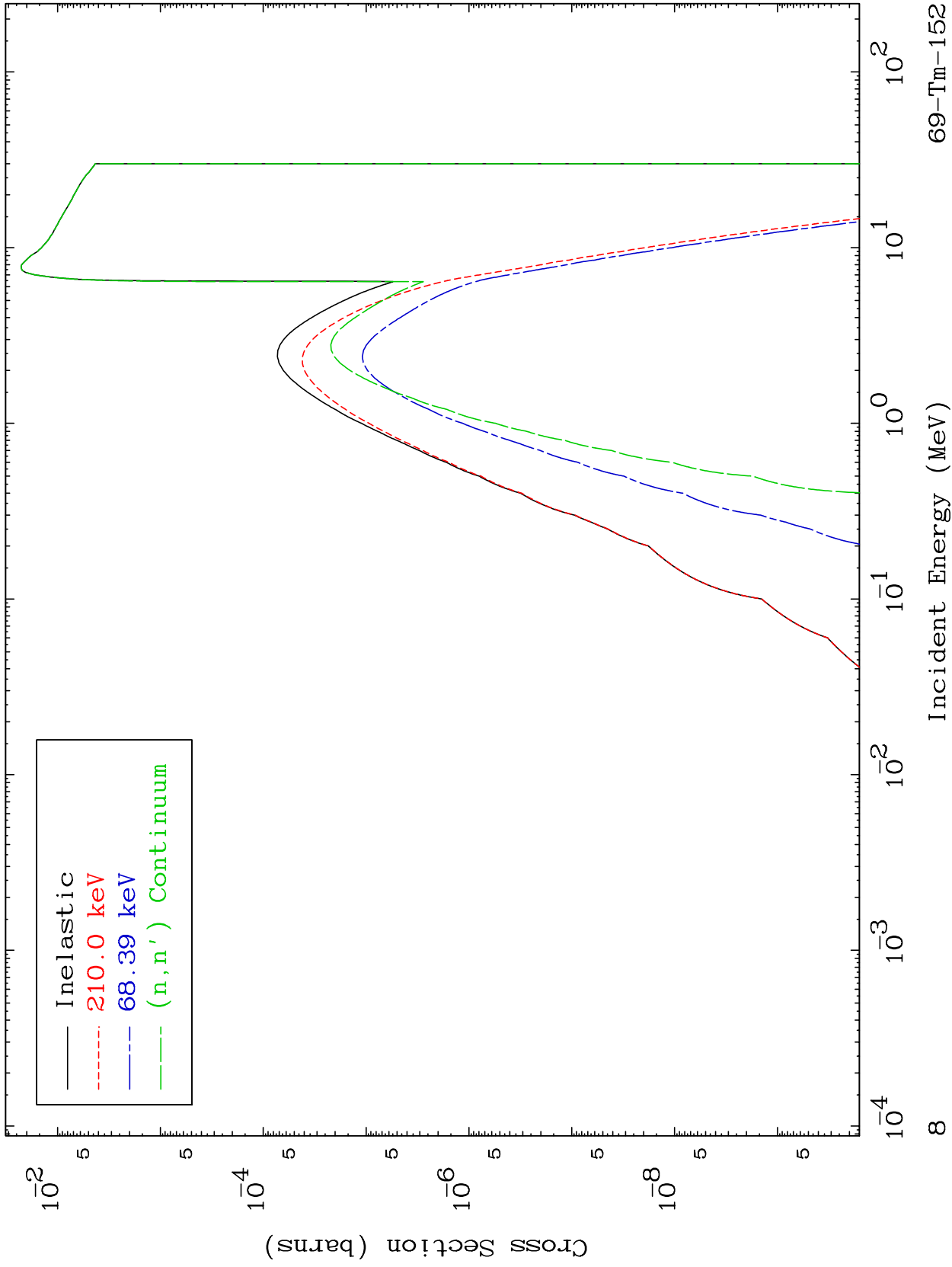
69-Tm-152



MAT 6875

(n,n') Level
293 Kelvin Cross Sections

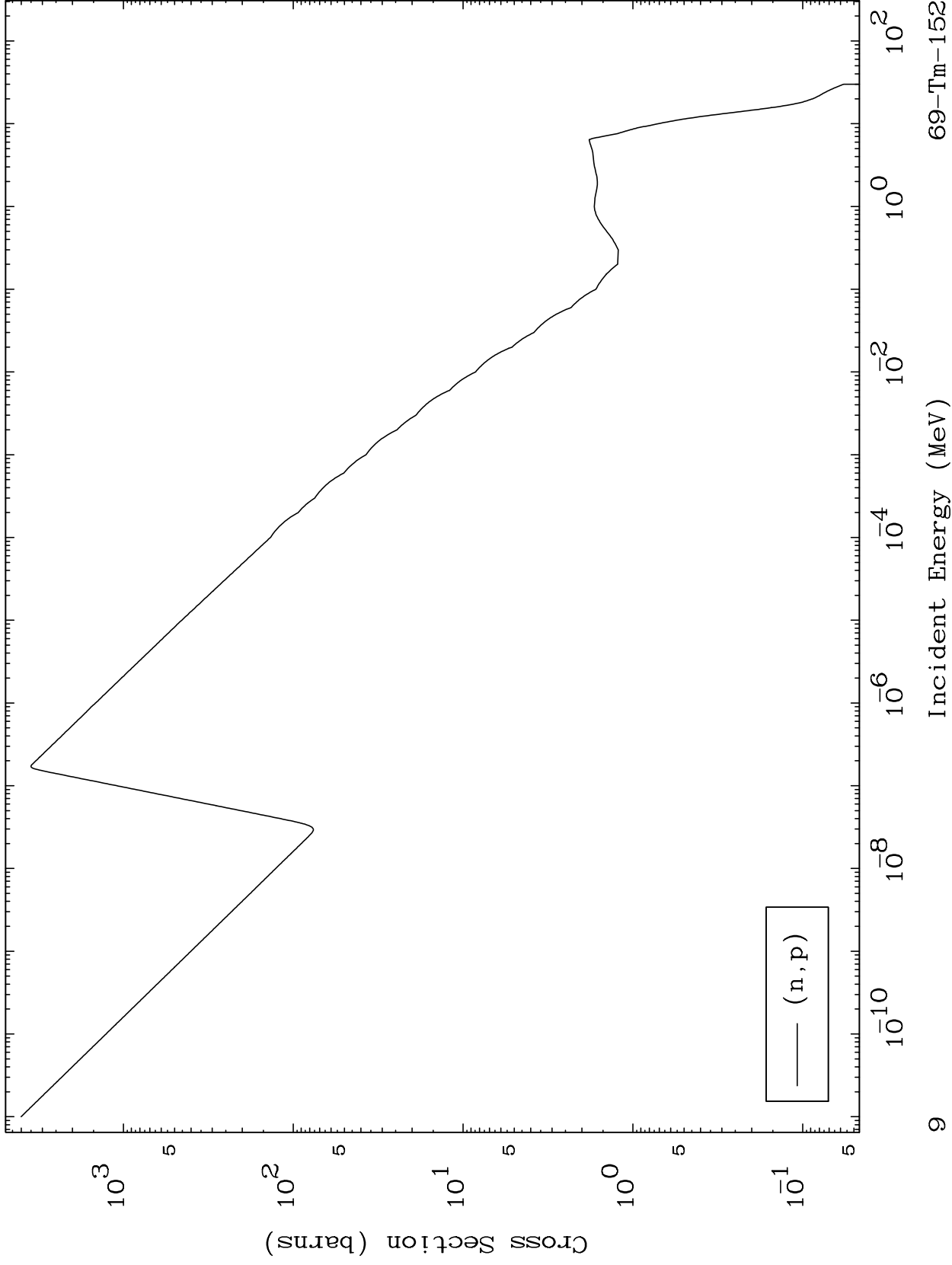
69-Tm-152



MAT 6875

(n,p) Levels
293 Kelvin Cross Sections

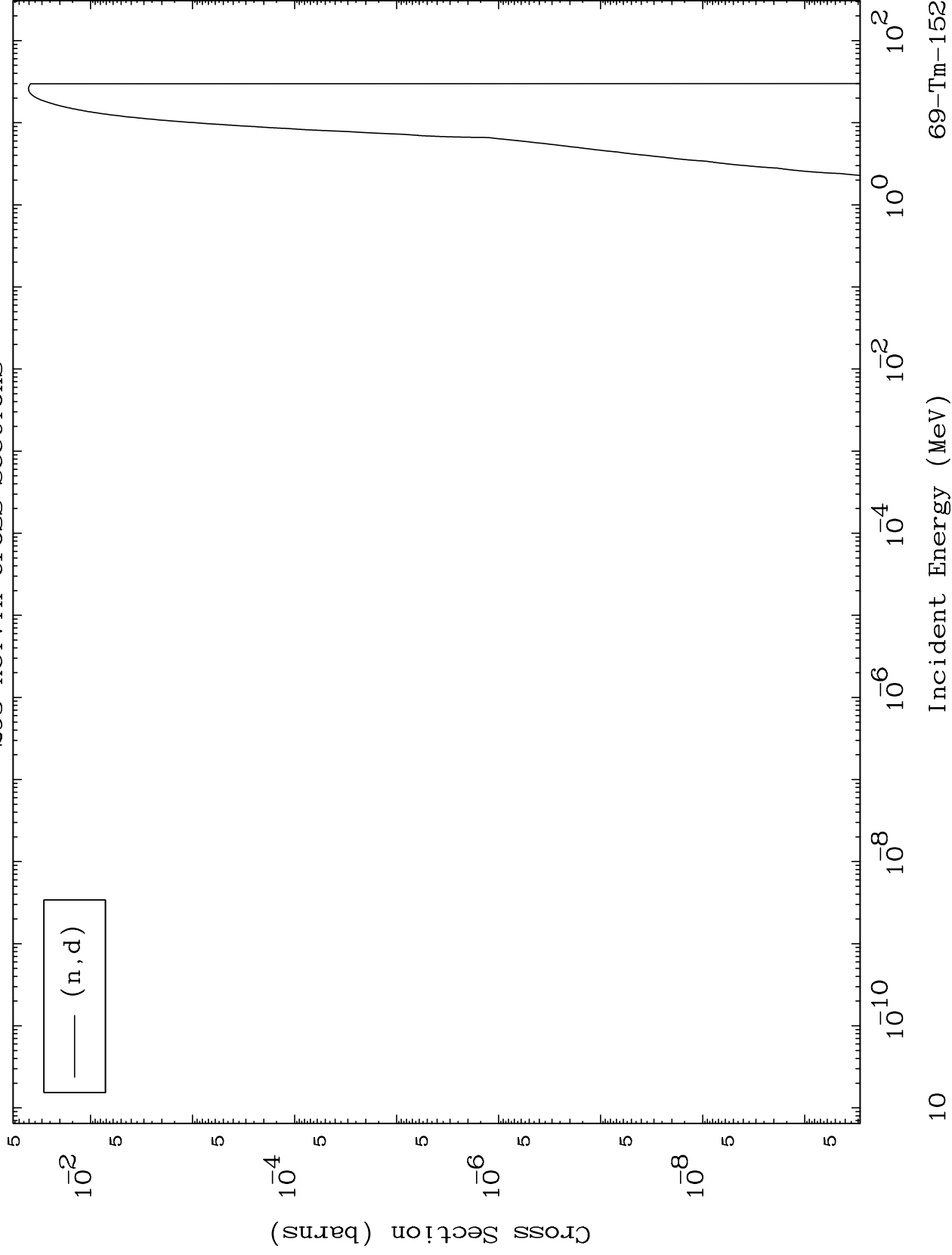
69-Tm-152



MAT 6875

(n,d) Levels
293 Kelvin Cross Sections

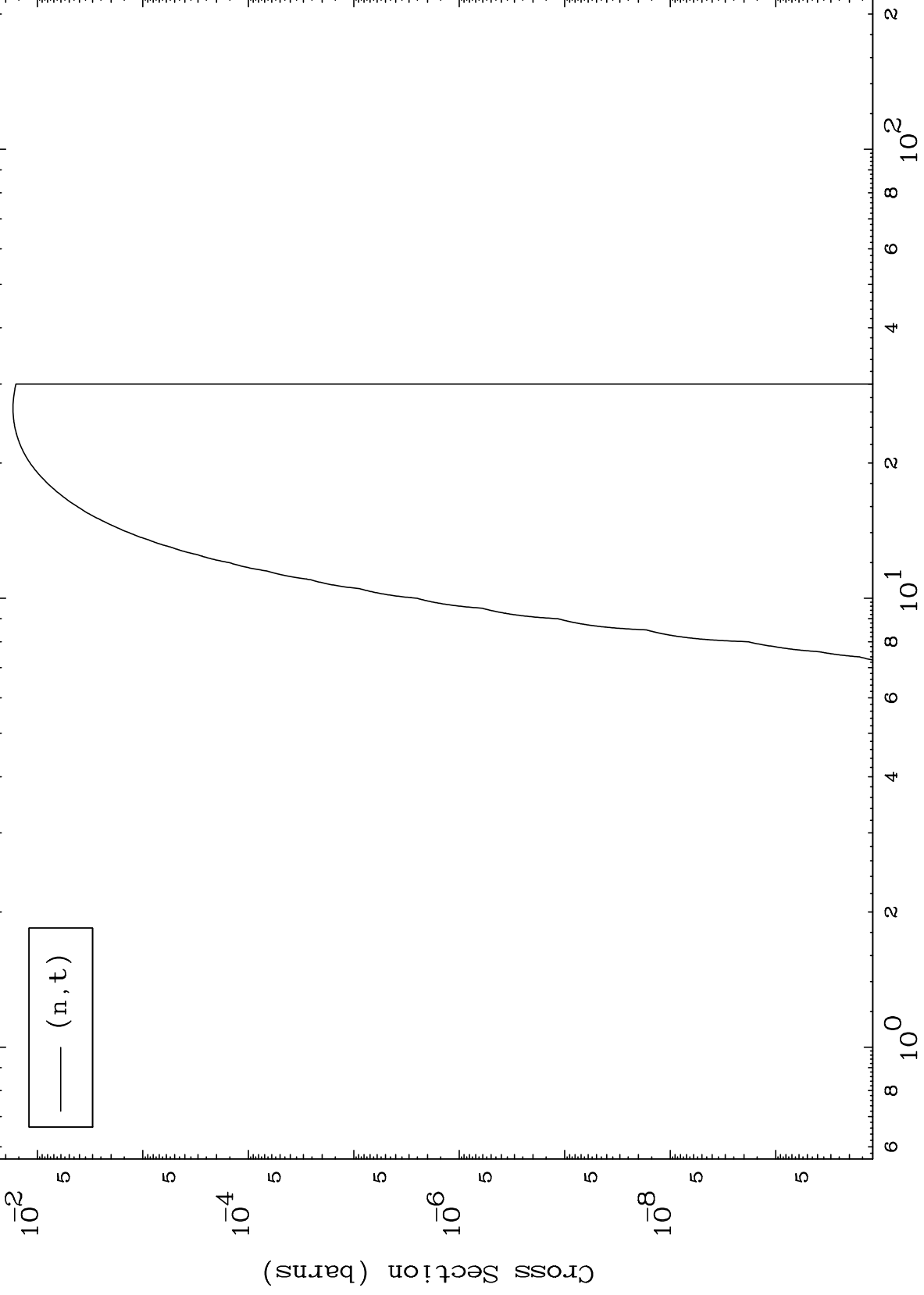
69-Tm-152



MAT 6875

(n,t) Levels
293 Kelvin Cross Sections

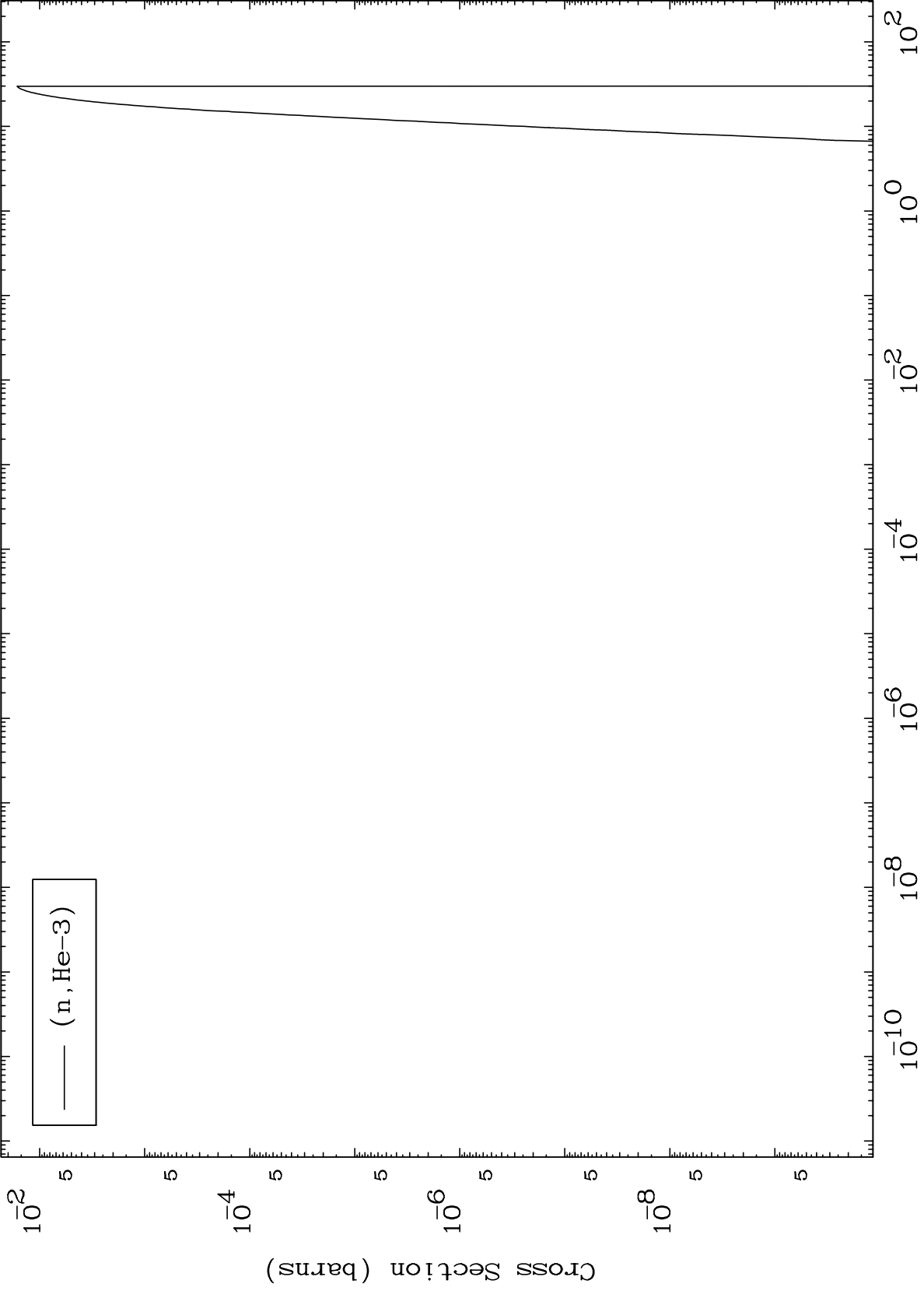
69-Tm-152



MAT 6875

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-152



12

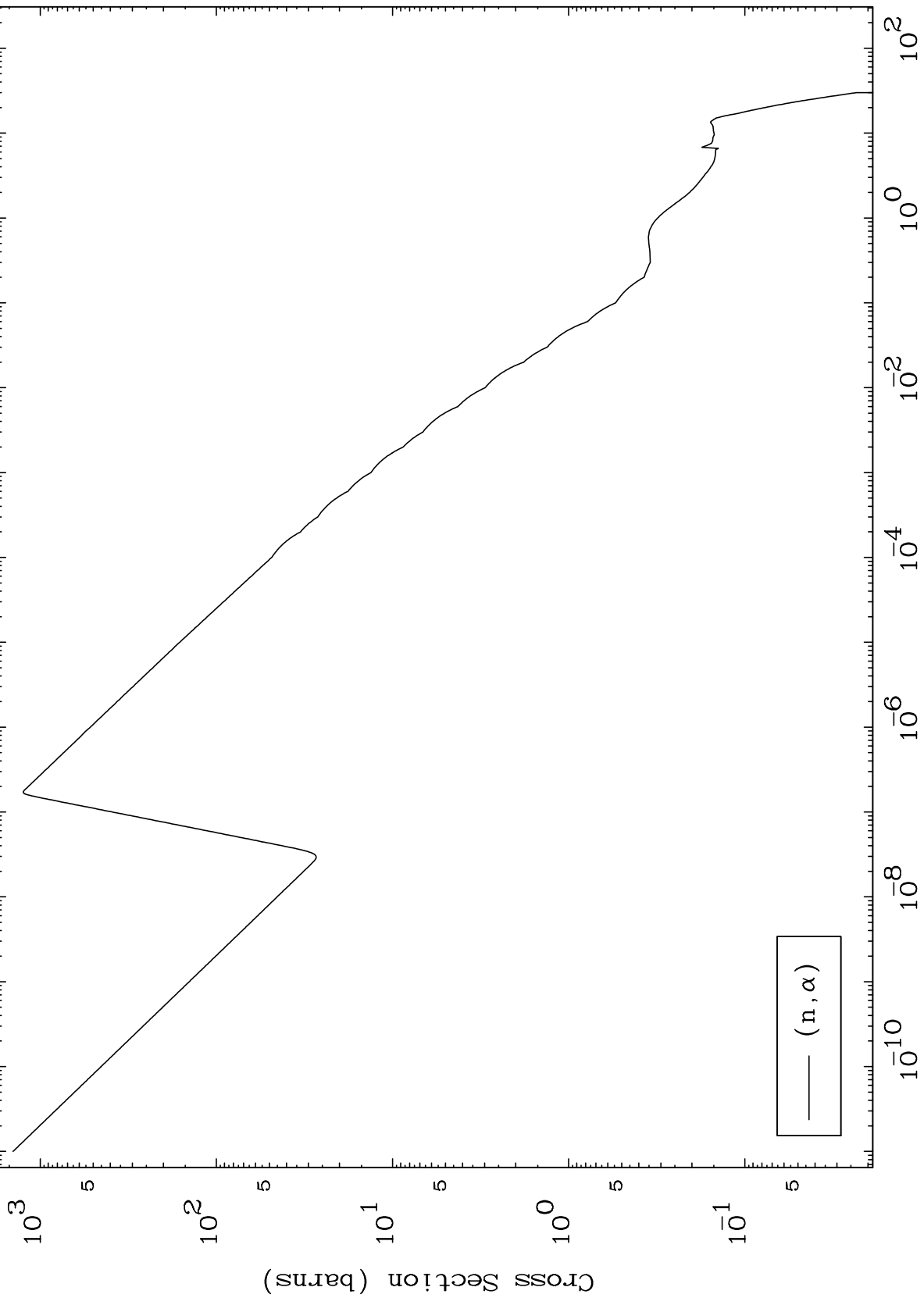
Incident Energy (MeV)

69-Tm-152

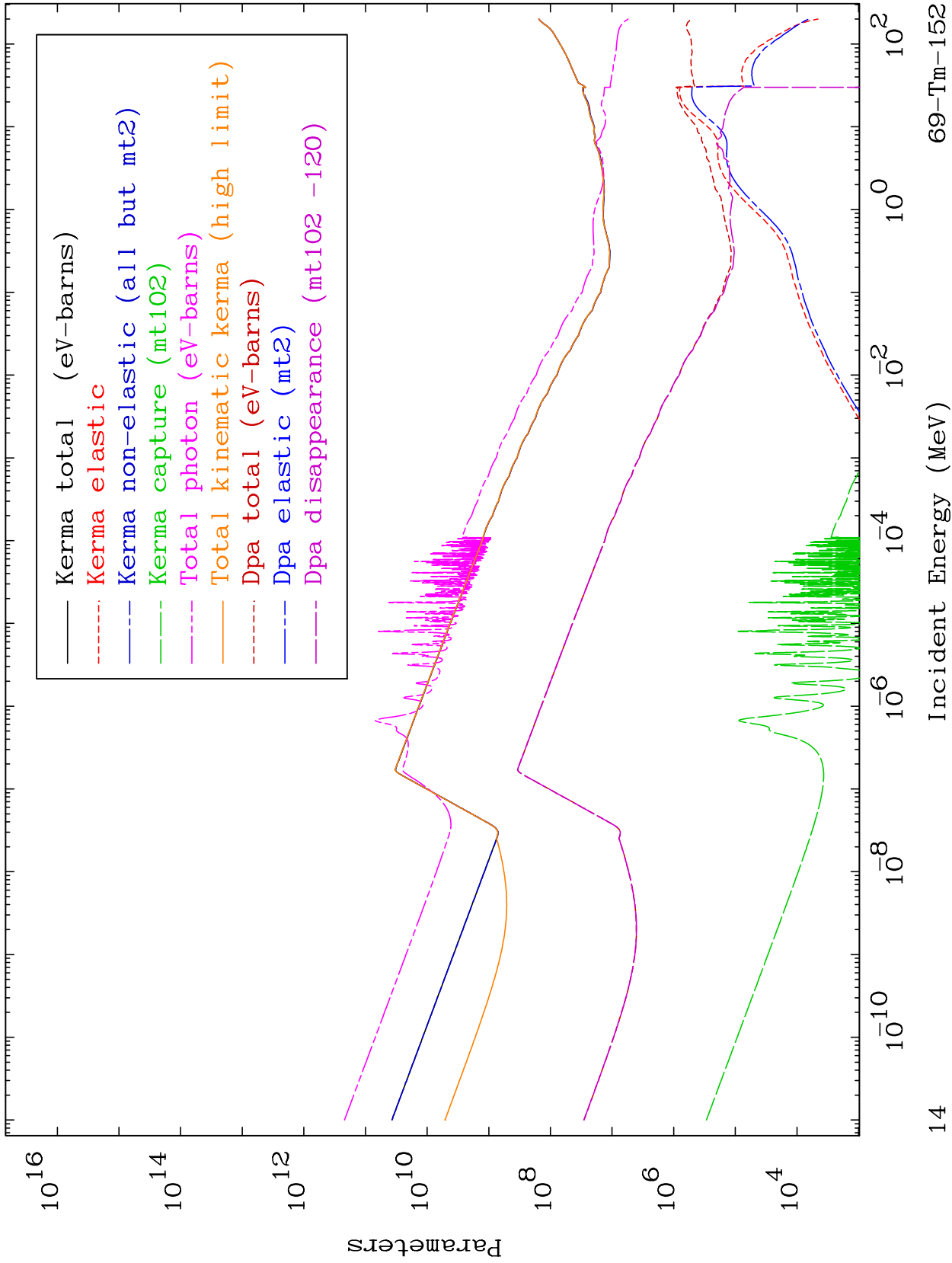
MAT 6875

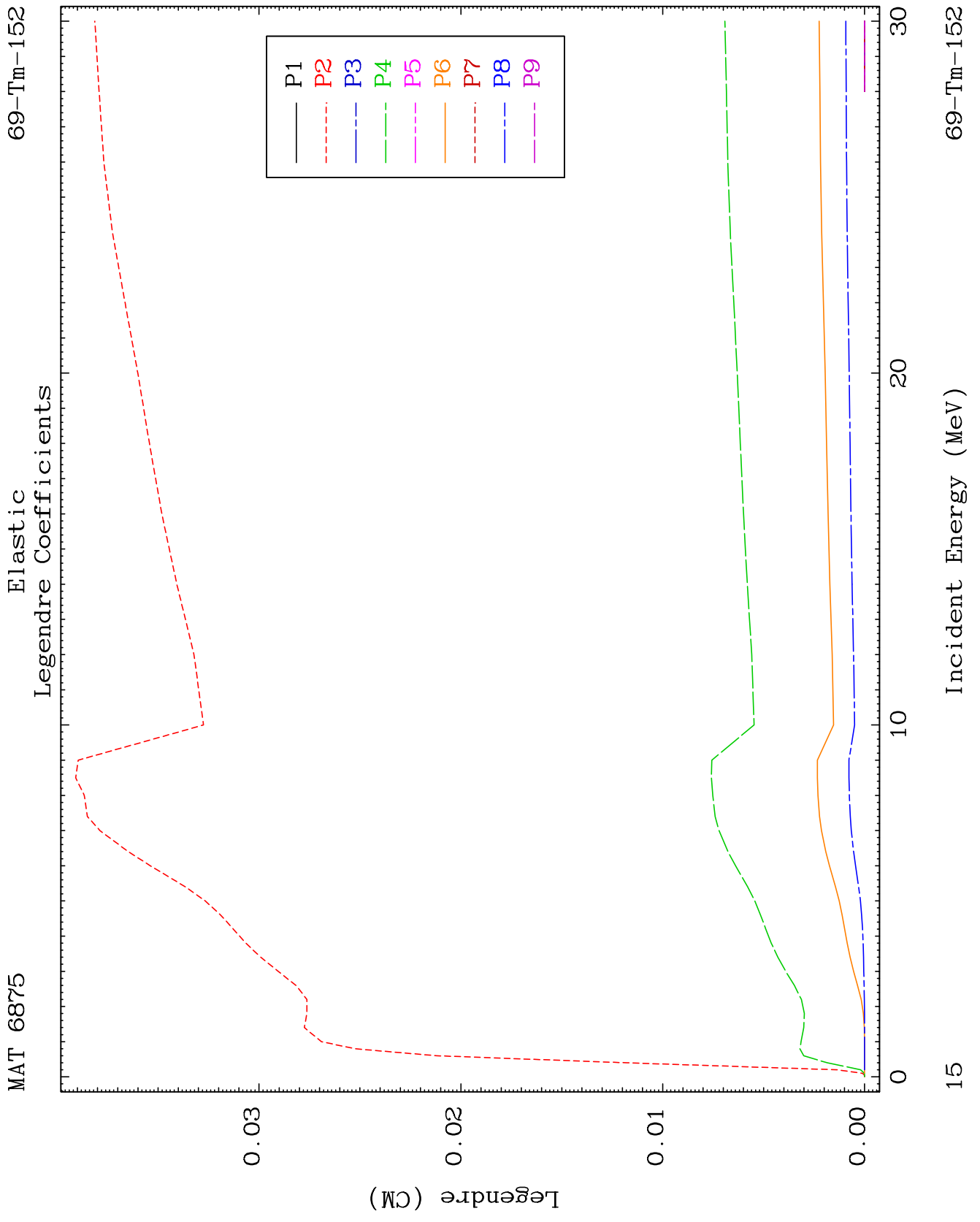
(n,α) Levels
293 Kelvin Cross Sections

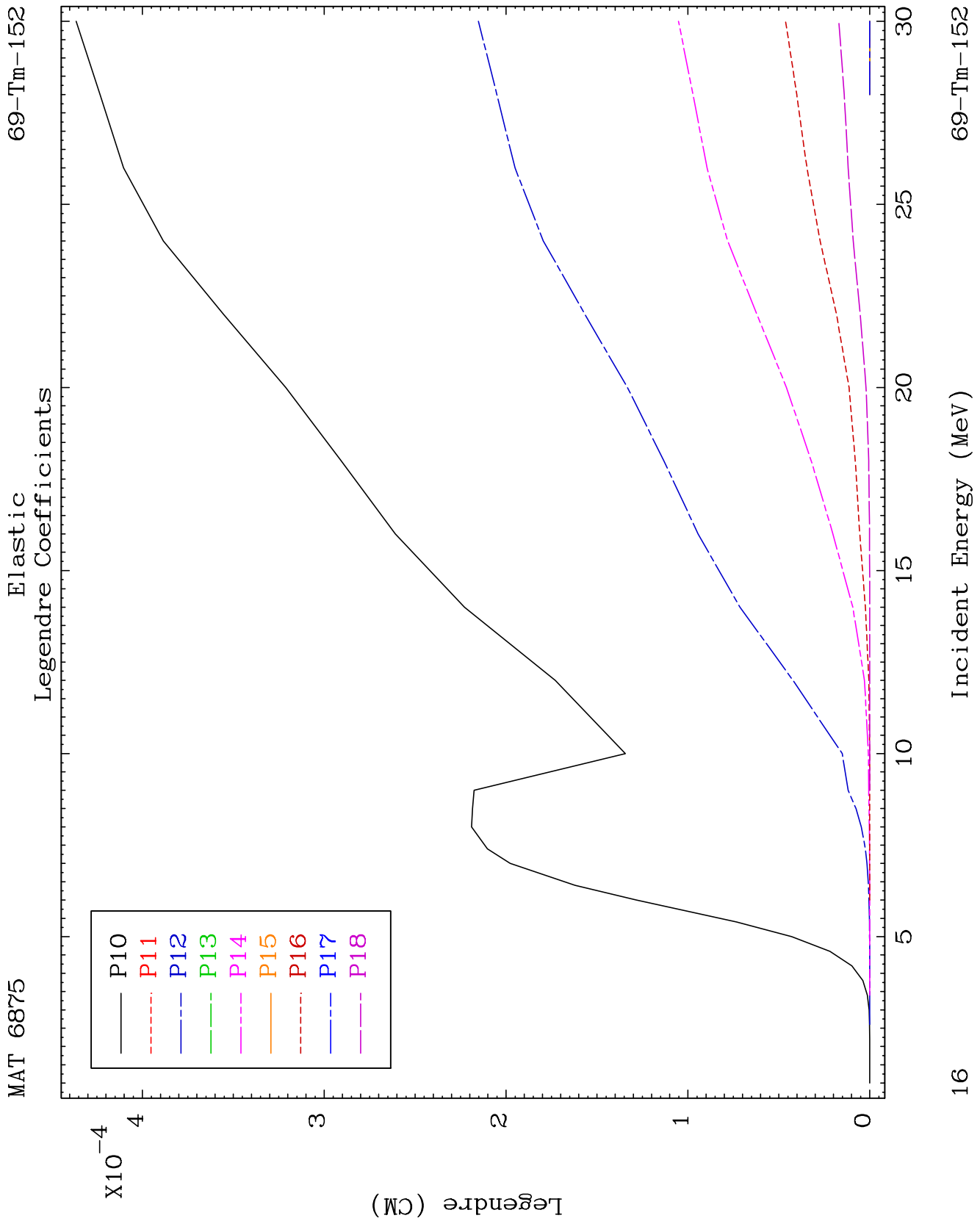
69-Tm-152



(n,α)





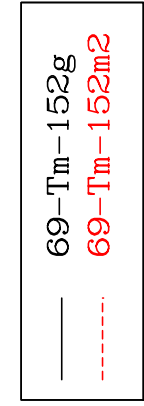


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Inelastic

69-Tm-152

Radionuclide Production Cross Section



10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

18

Incident Energy (MeV)

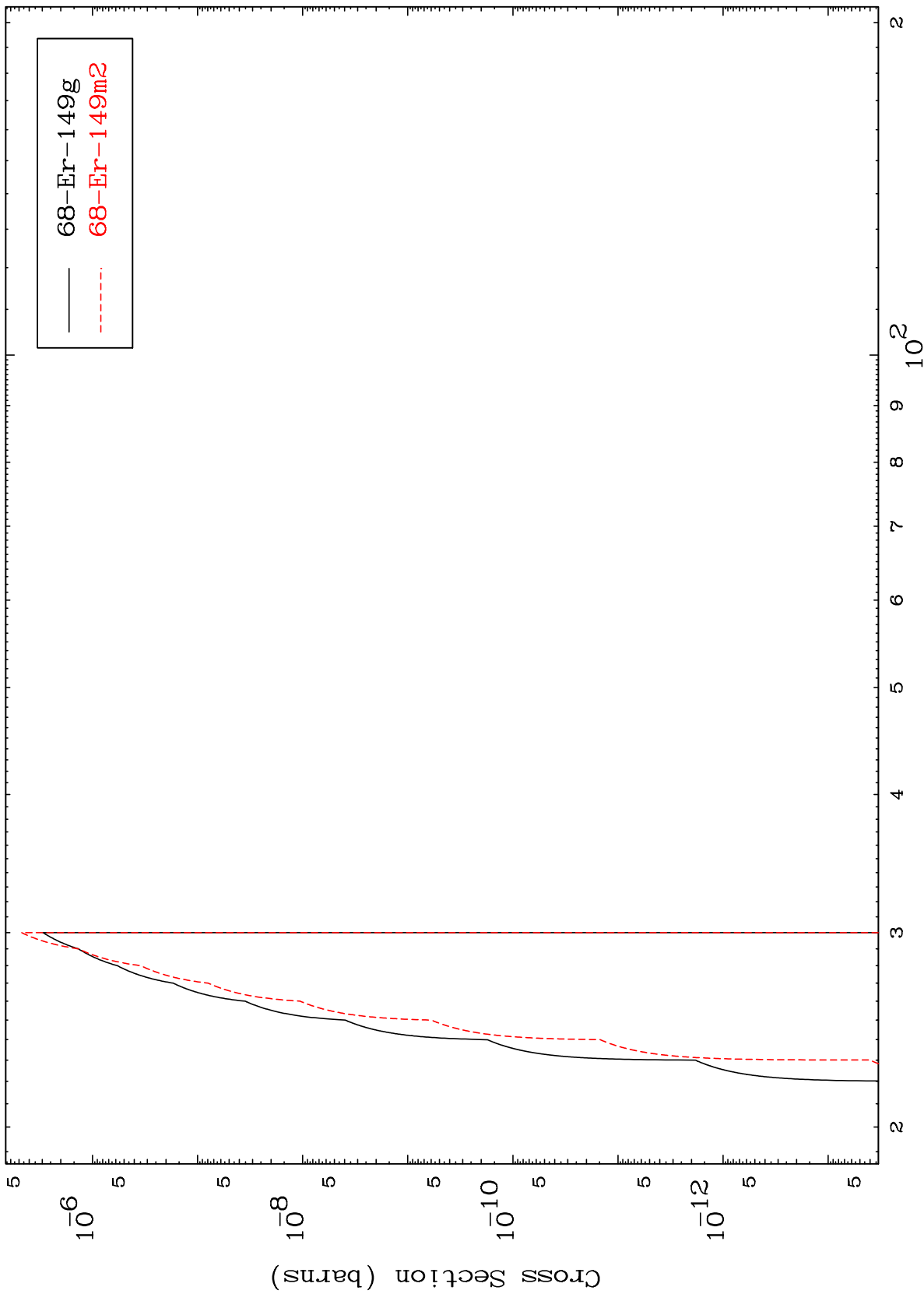
69-Tm-152

MAT 6875

(n,2n) d

69-Tm-152

Radionuclide Production Cross Section



19

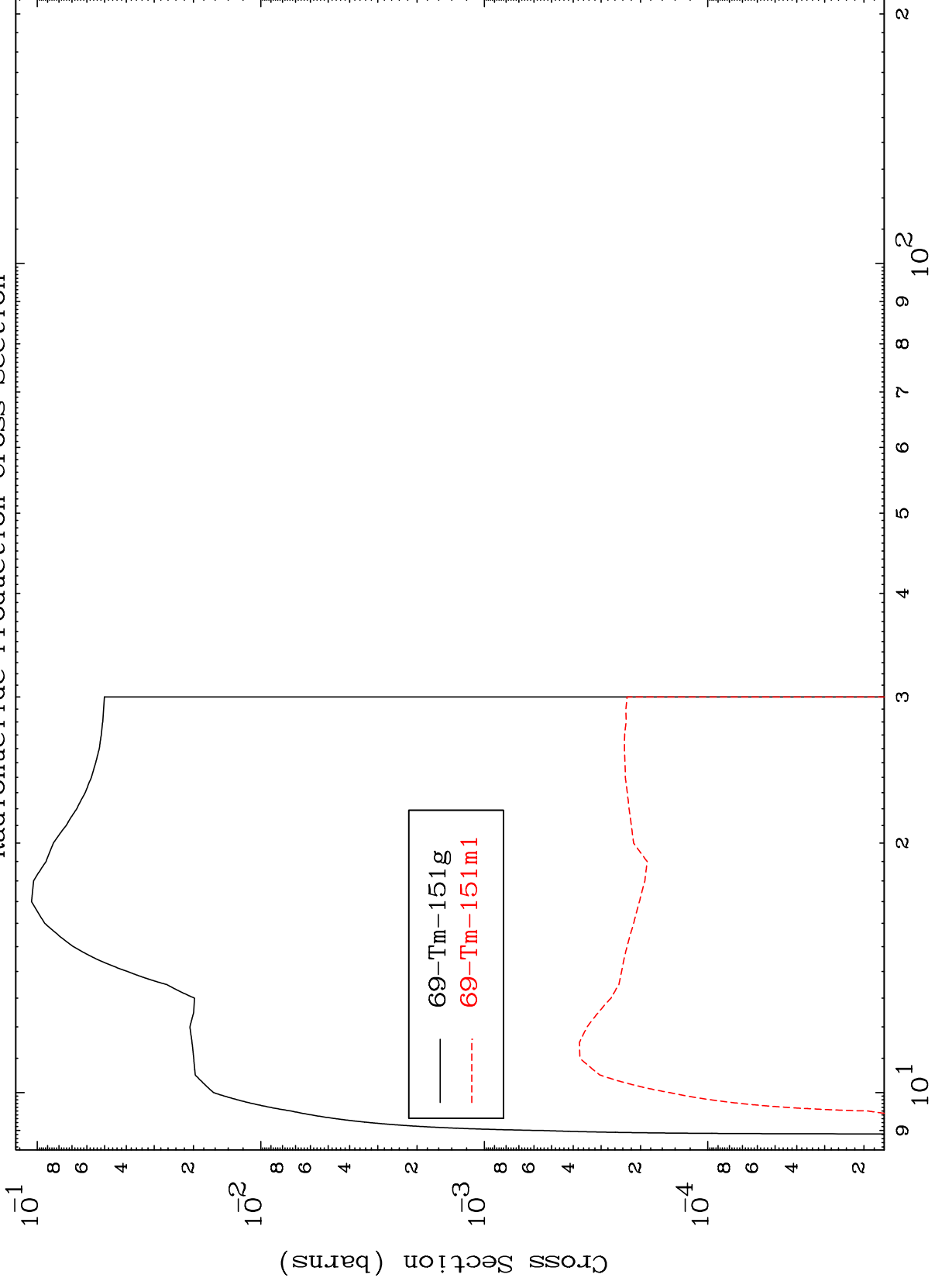
Incident Energy (MeV)

69-Tm-152

MAT 6875

69-Tm-152

(n,2n)
Radionuclide Production Cross Section



69-Tm-152

Incident Energy (MeV)

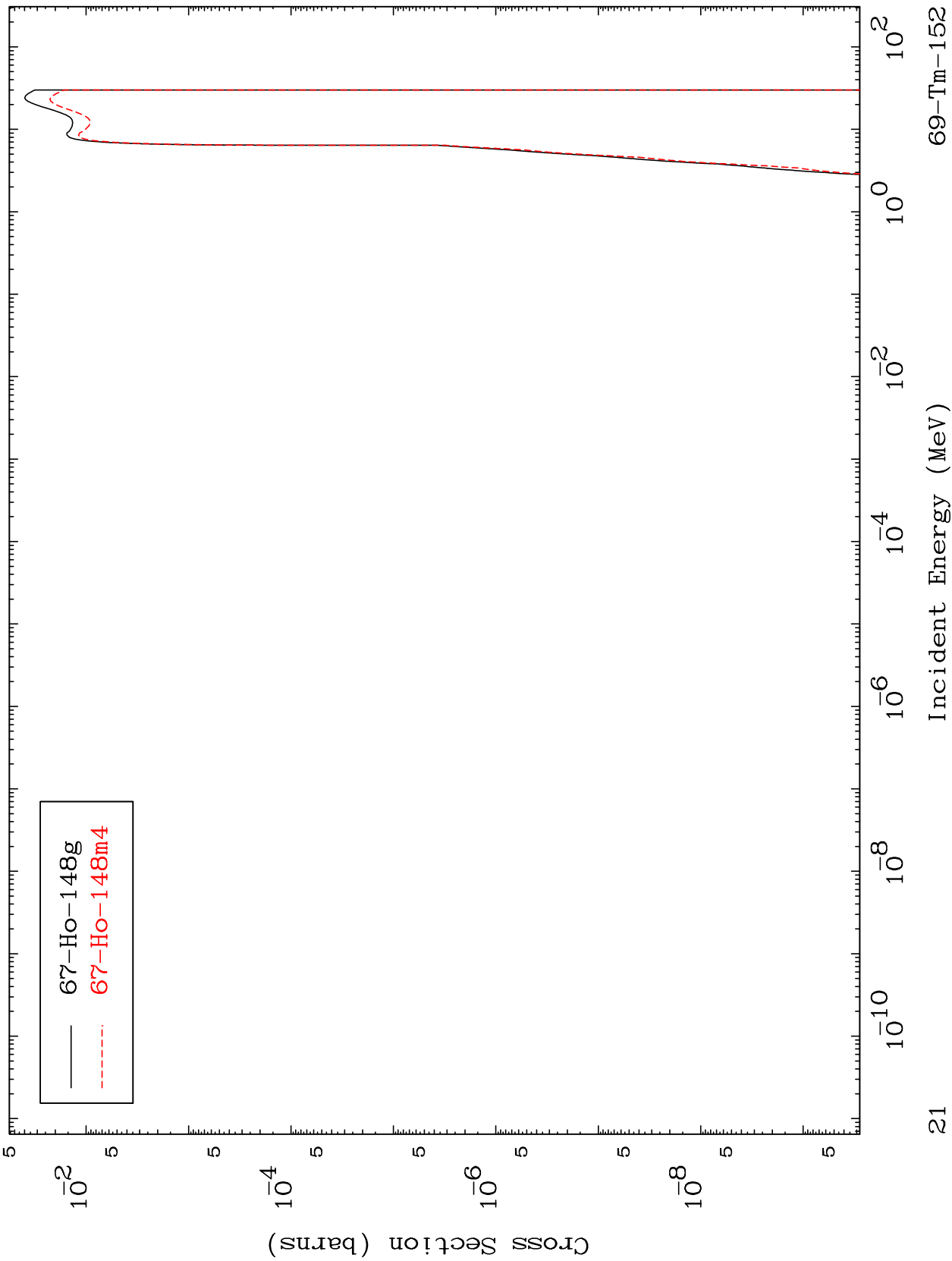
20

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$(n, n') \alpha$

69-Tm-152

Radionuclide Production Cross Section



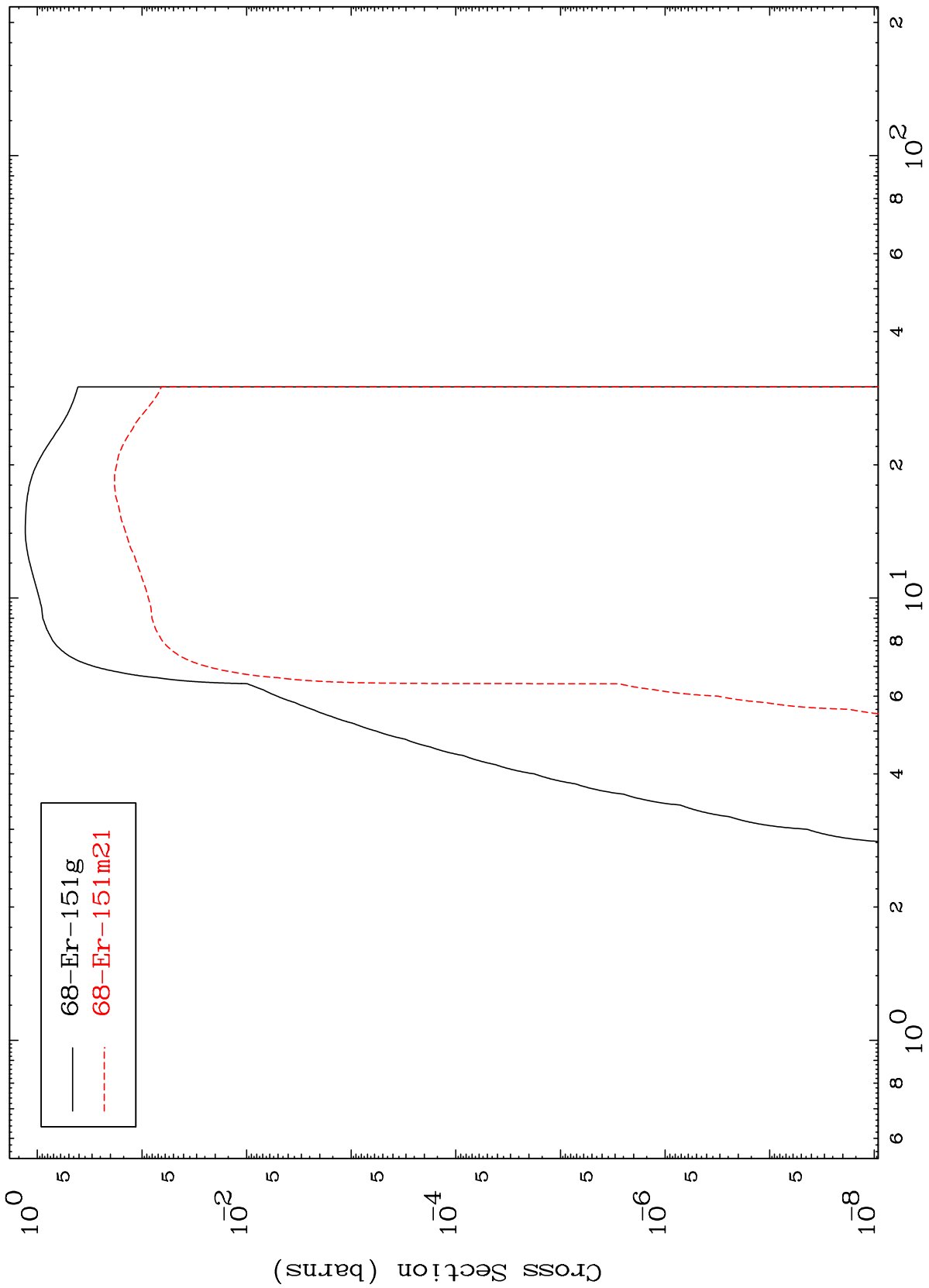
67-Ho-148g
67-Ho-148m4

MAT 6875

(n,n') p

69-Tm-152

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

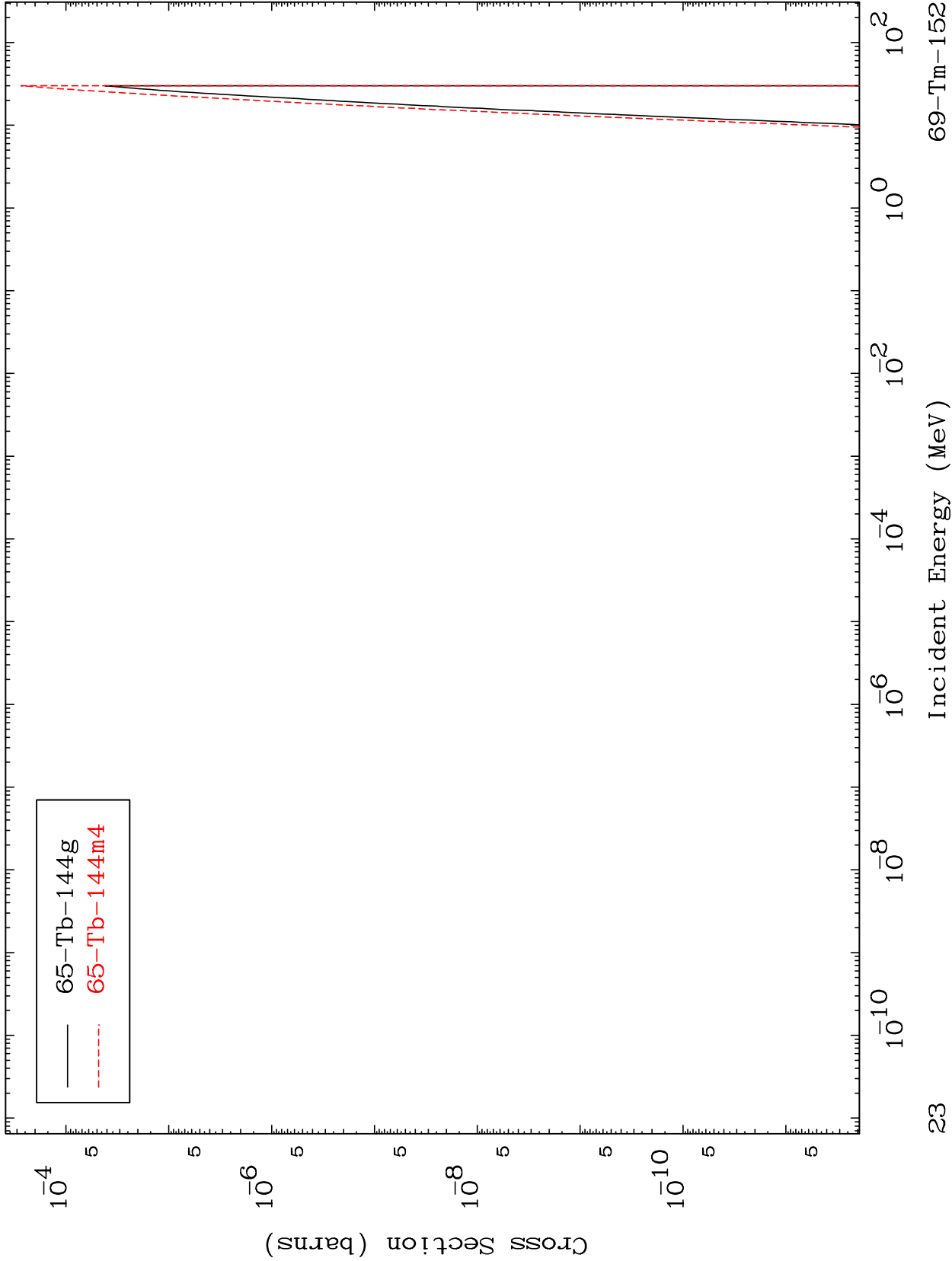
69-Tm-152

MAT 6875

(n,n') 2α

69-Tm-152

Radionuclide Production Cross Section

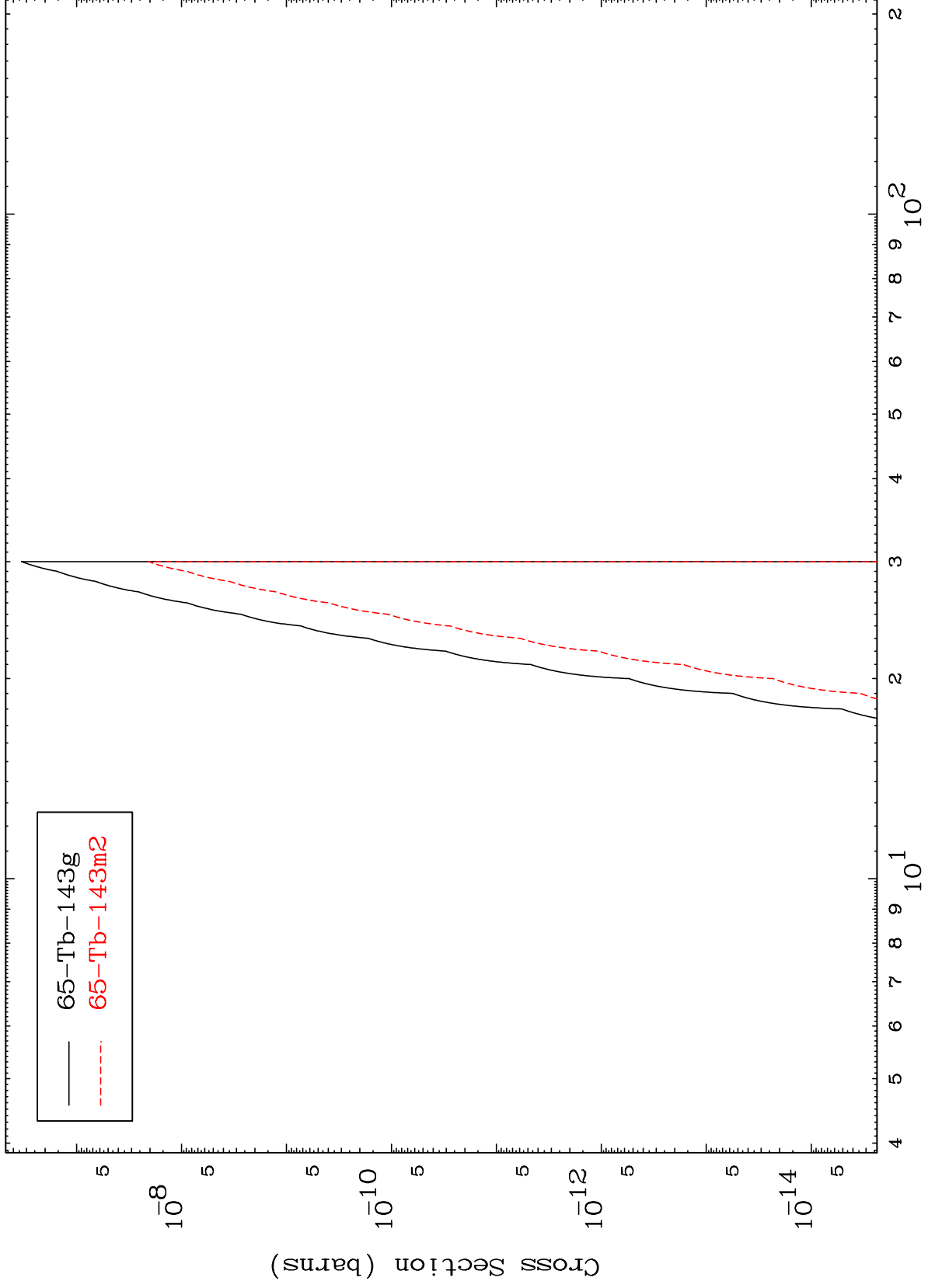


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(n,2n) 2α

69-Tm-152

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

24

Incident Energy (MeV)

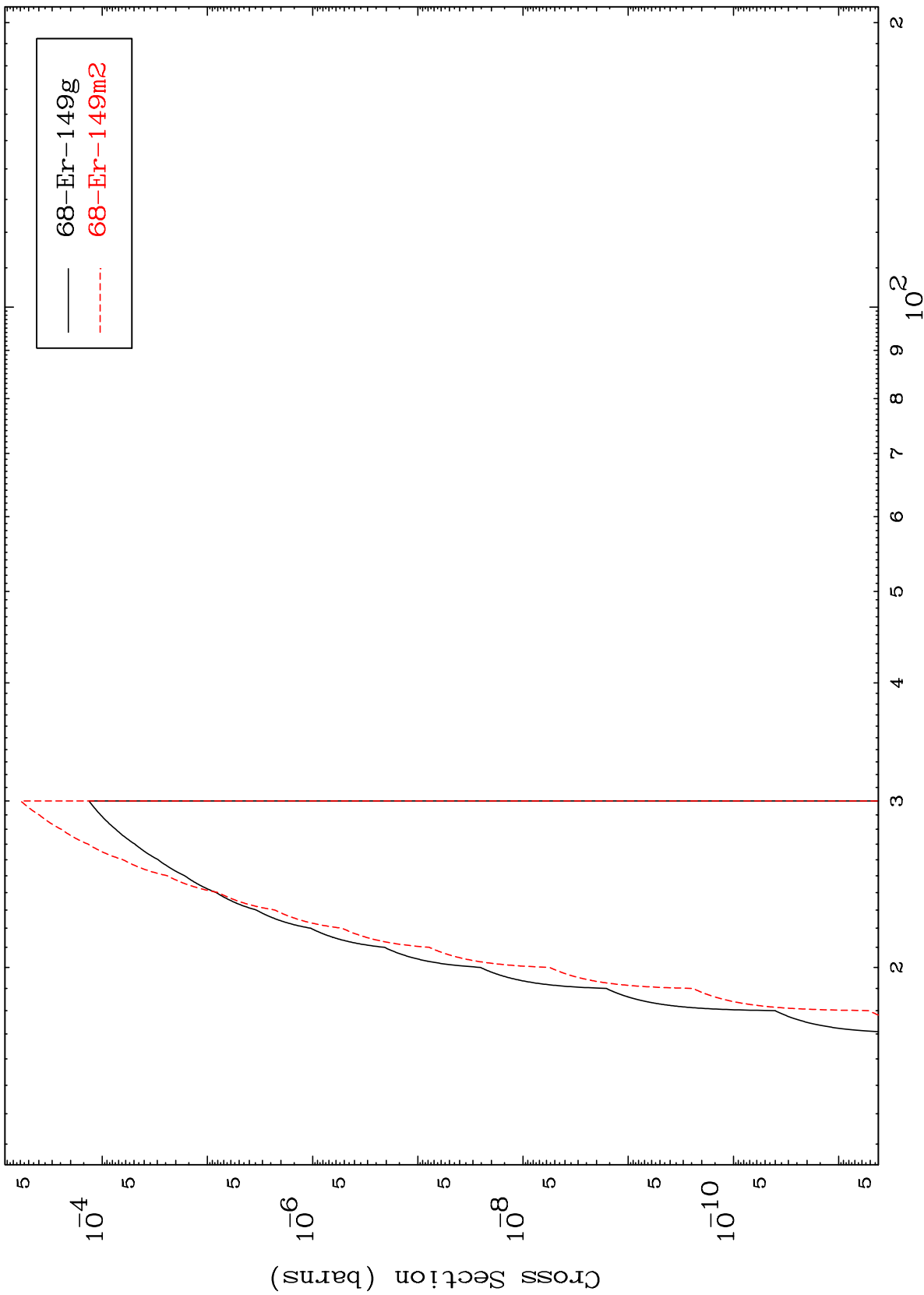
69-Tm-152

MAT 6875

(n,n') t

69-Tm-152

Radionuclide Production Cross Section



25

Incident Energy (MeV)

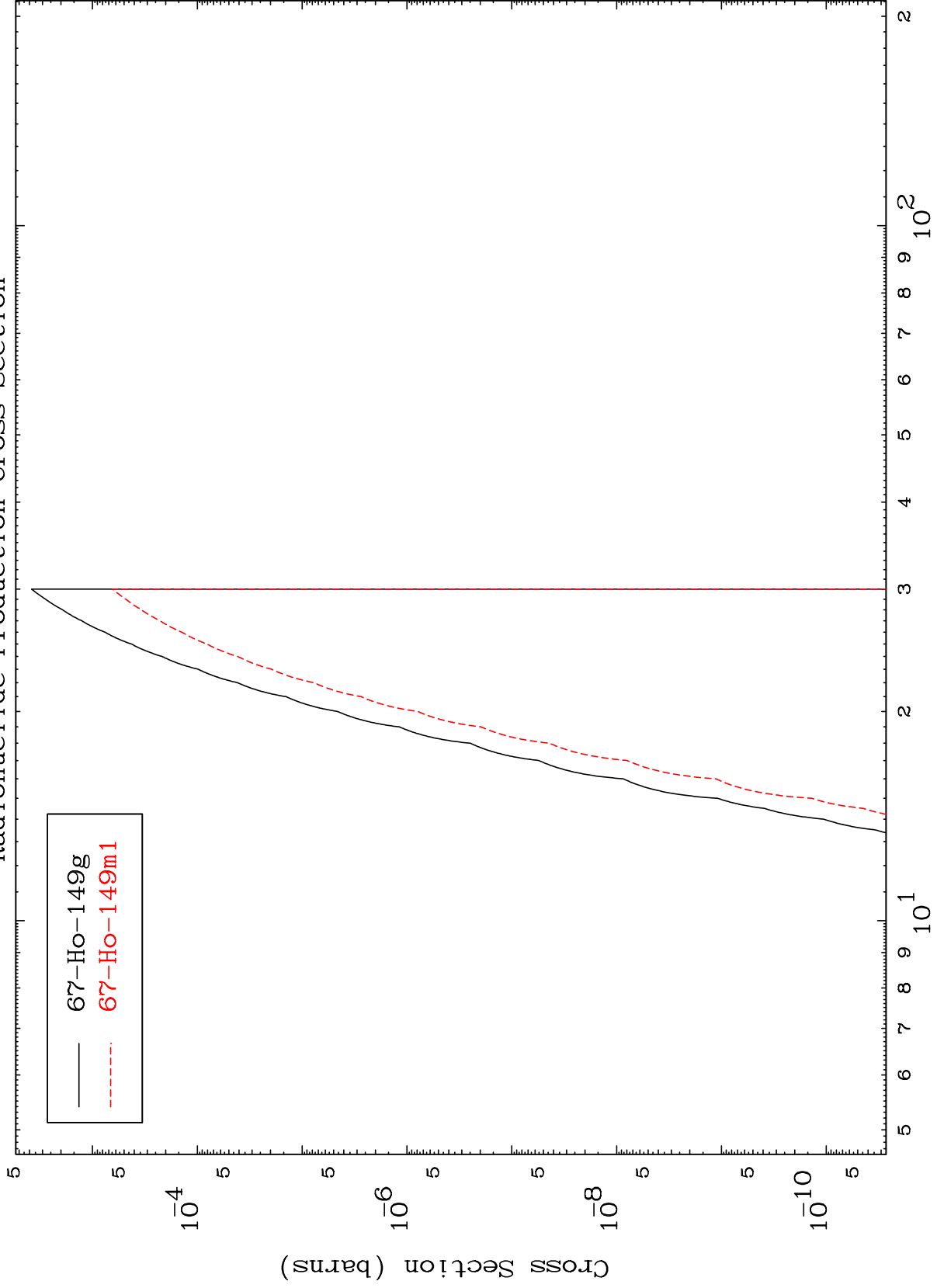
69-Tm-152

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(n,n') He-3

69-Tm-152

Radionuclide Production Cross Section



26

Incident Energy (MeV)

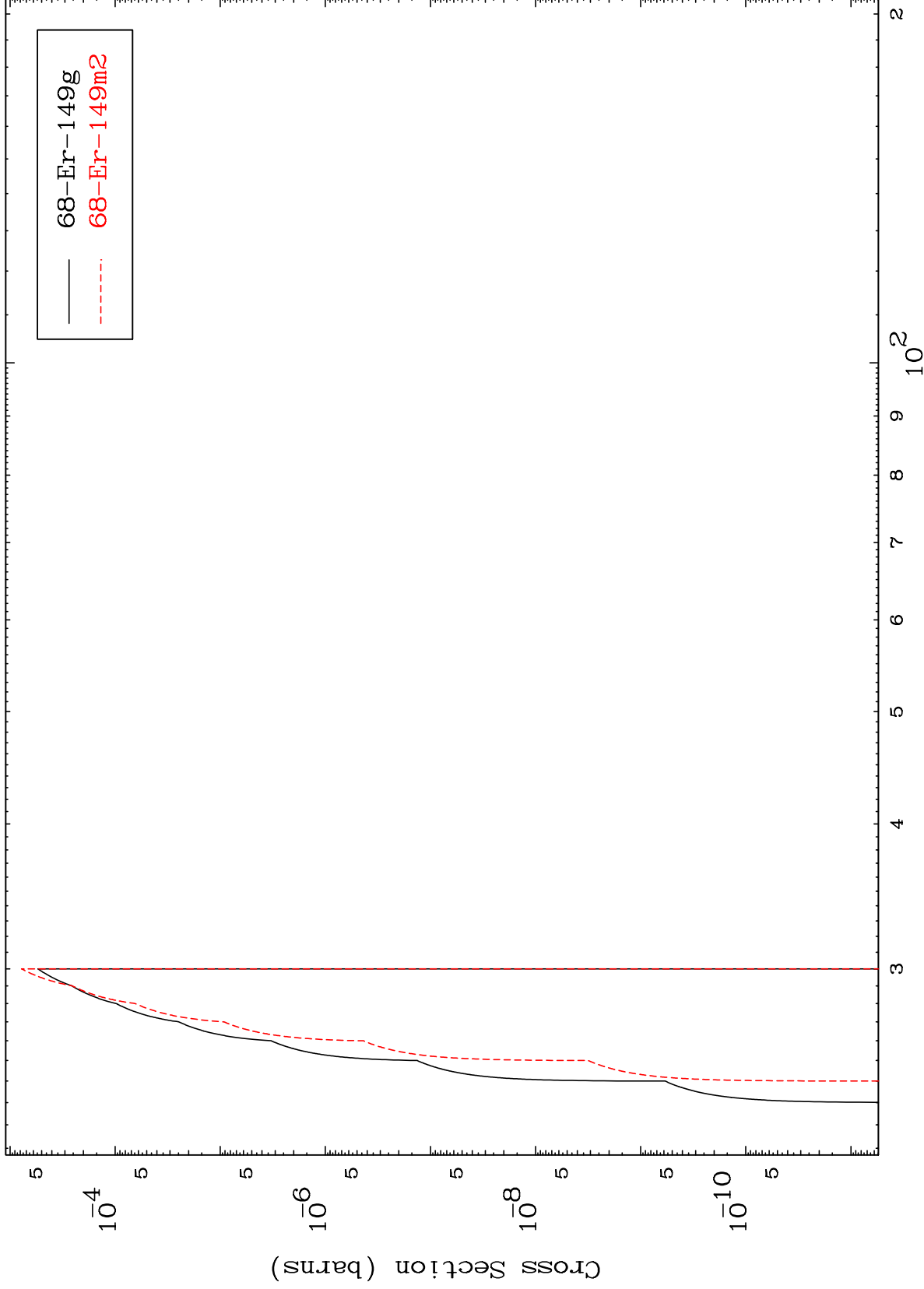
69-Tm-152

MAT 6875

(n,3n) p

69-Tm-152

Radionuclide Production Cross Section



27

Incident Energy (MeV)

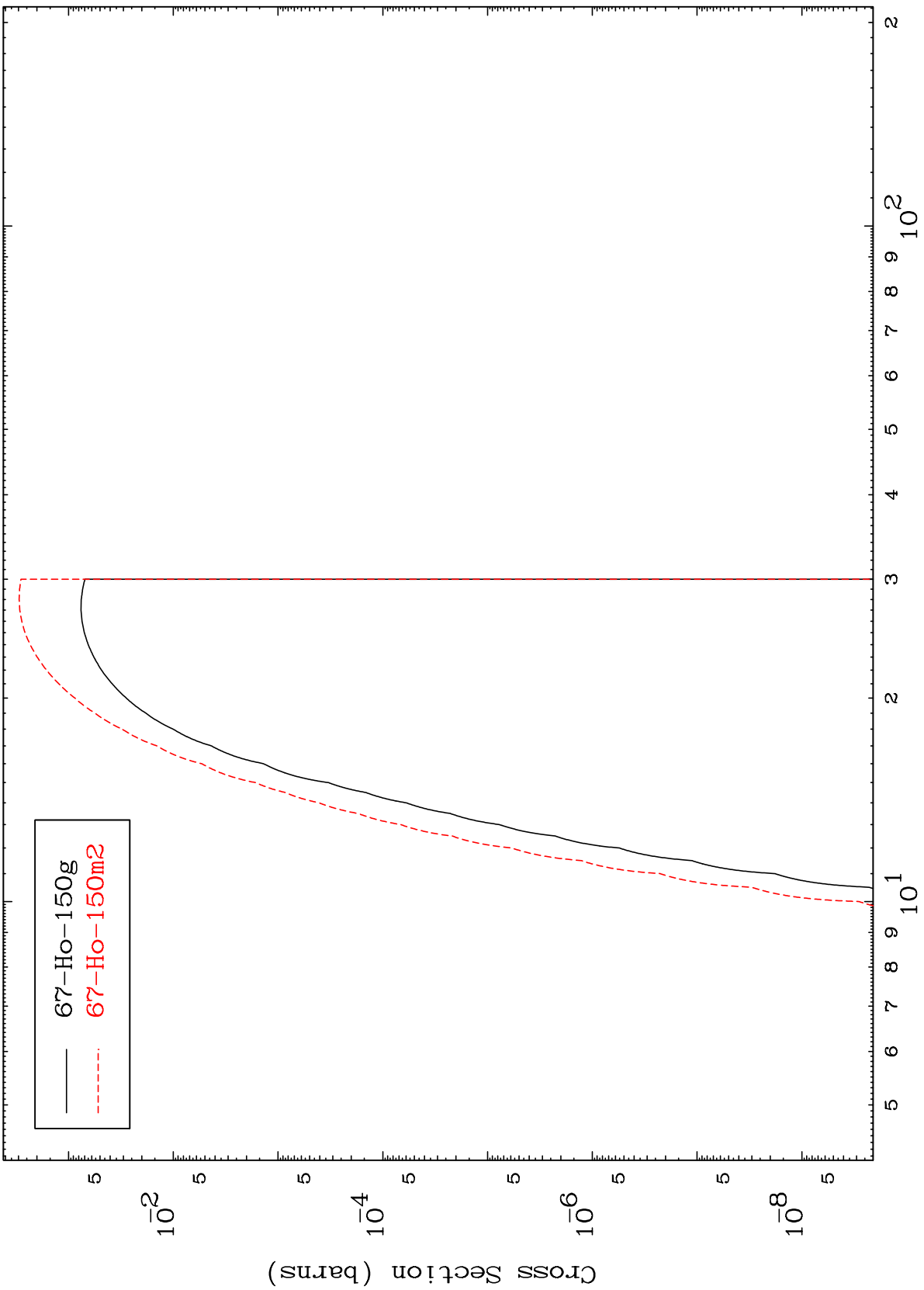
69-Tm-152

MAT 6875

(n,2n) p

69-Tm-152

Radionuclide Production Cross Section



28

Incident Energy (MeV)

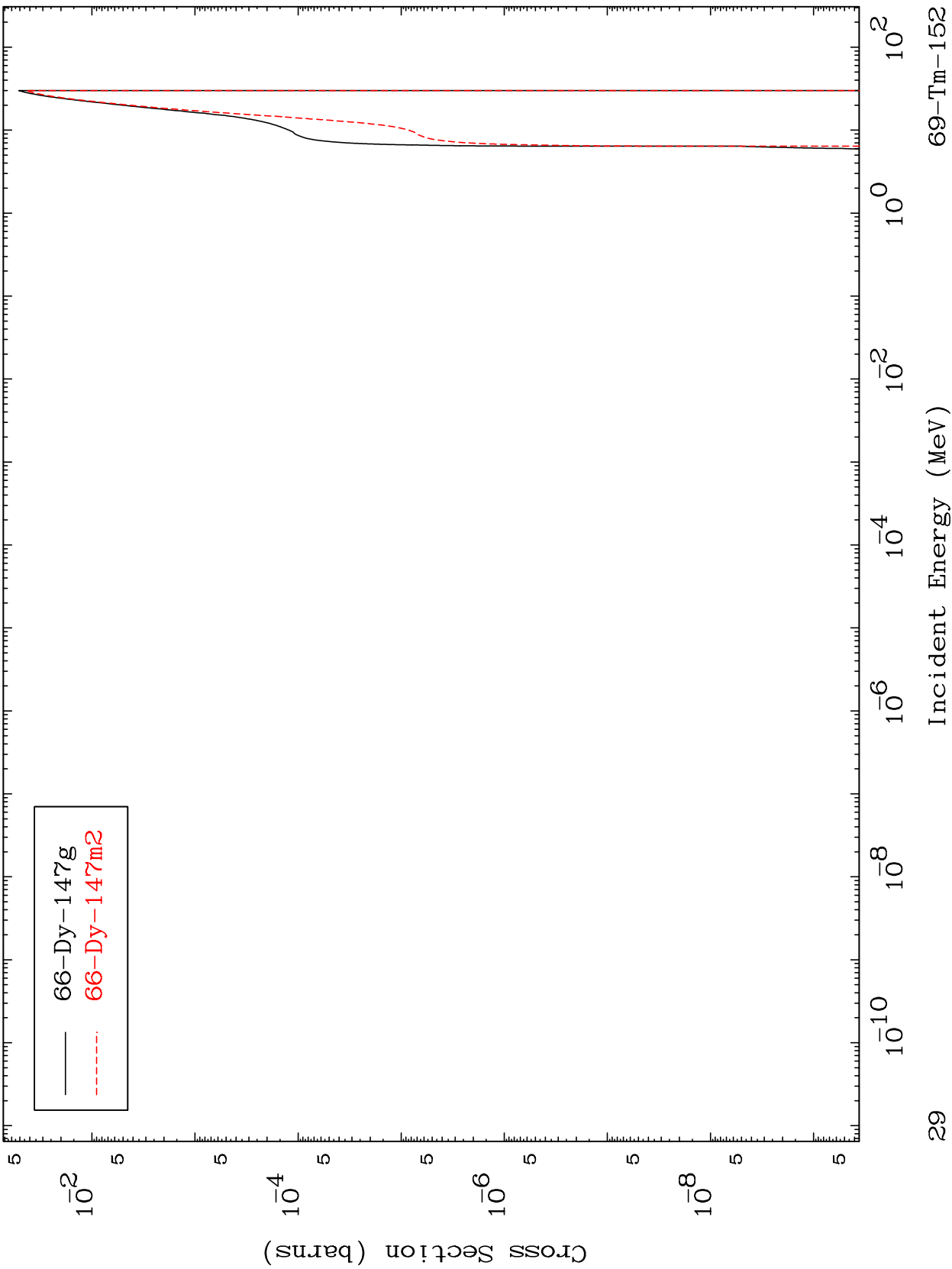
69-Tm-152

MAT 6875

(n,n') p α

69-Tm-152

Radionuclide Production Cross Section

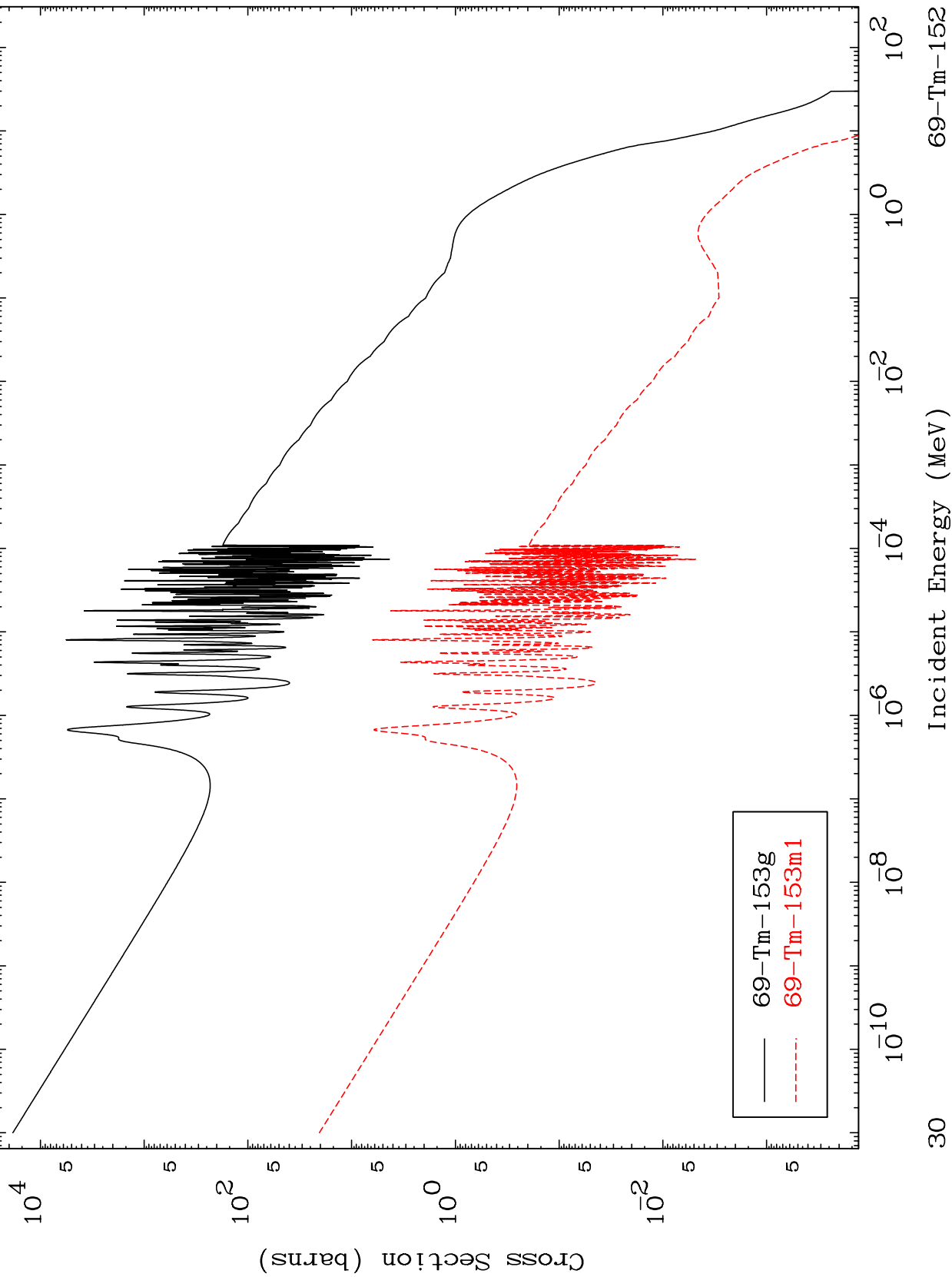


66-Dy-147g
66-Dy-147m2

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69-Tm-152

(n,γ)
Radionuclide Production Cross Section

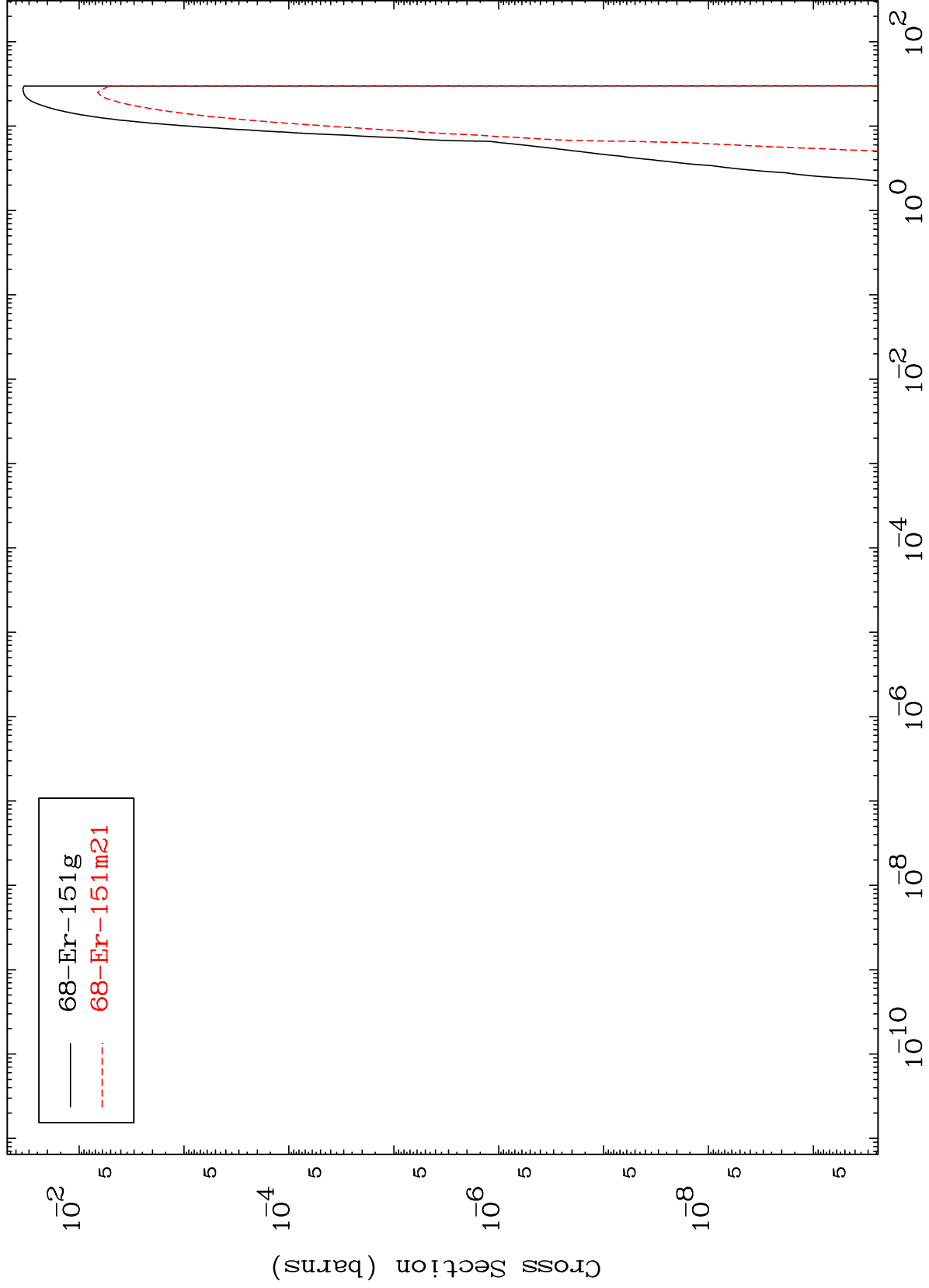


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(n,d)

69-Tm-152

Radionuclide Production Cross Section

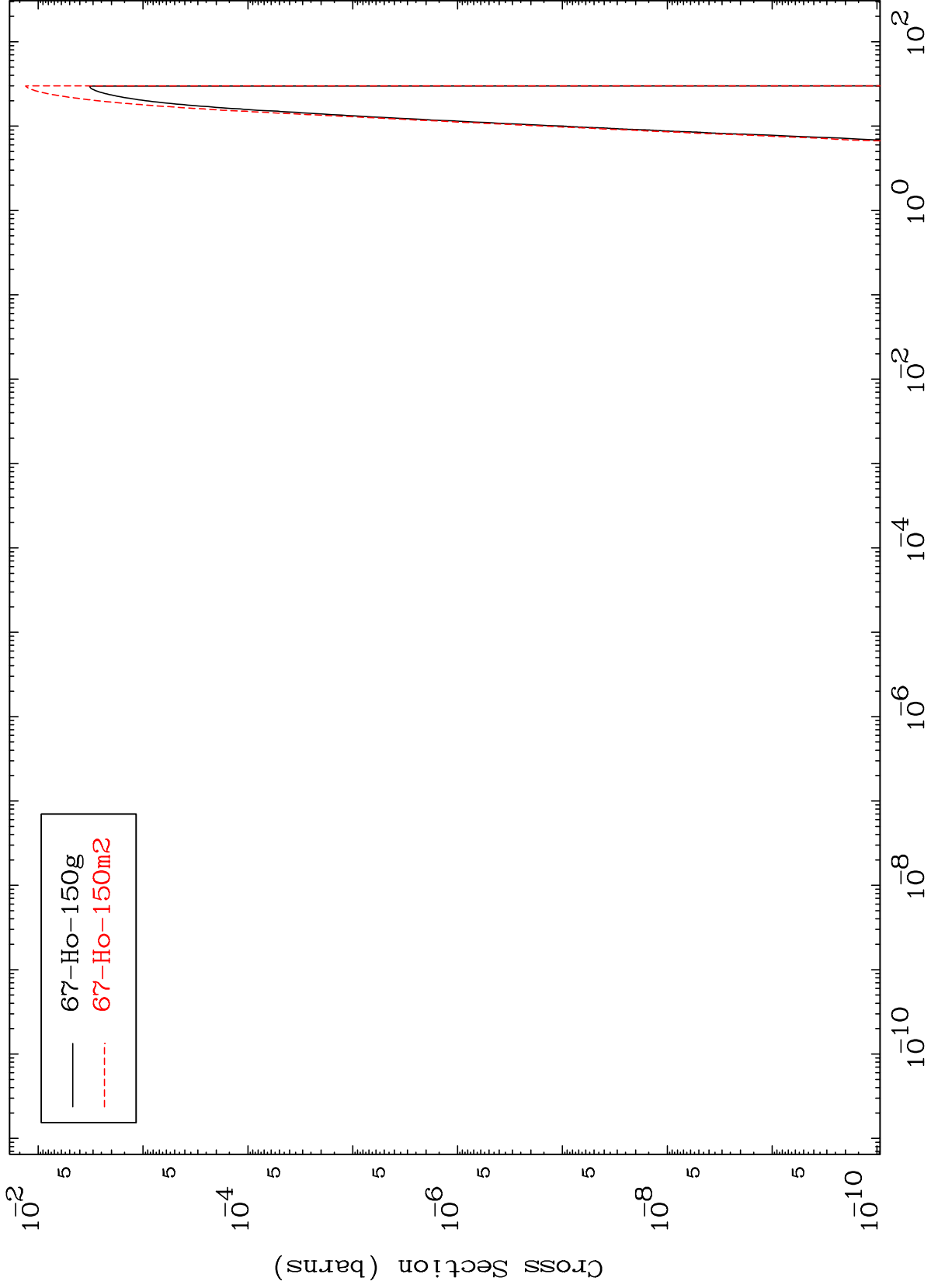


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(n,He-3)

69-Tm-152

Radionuclide Production Cross Section



32

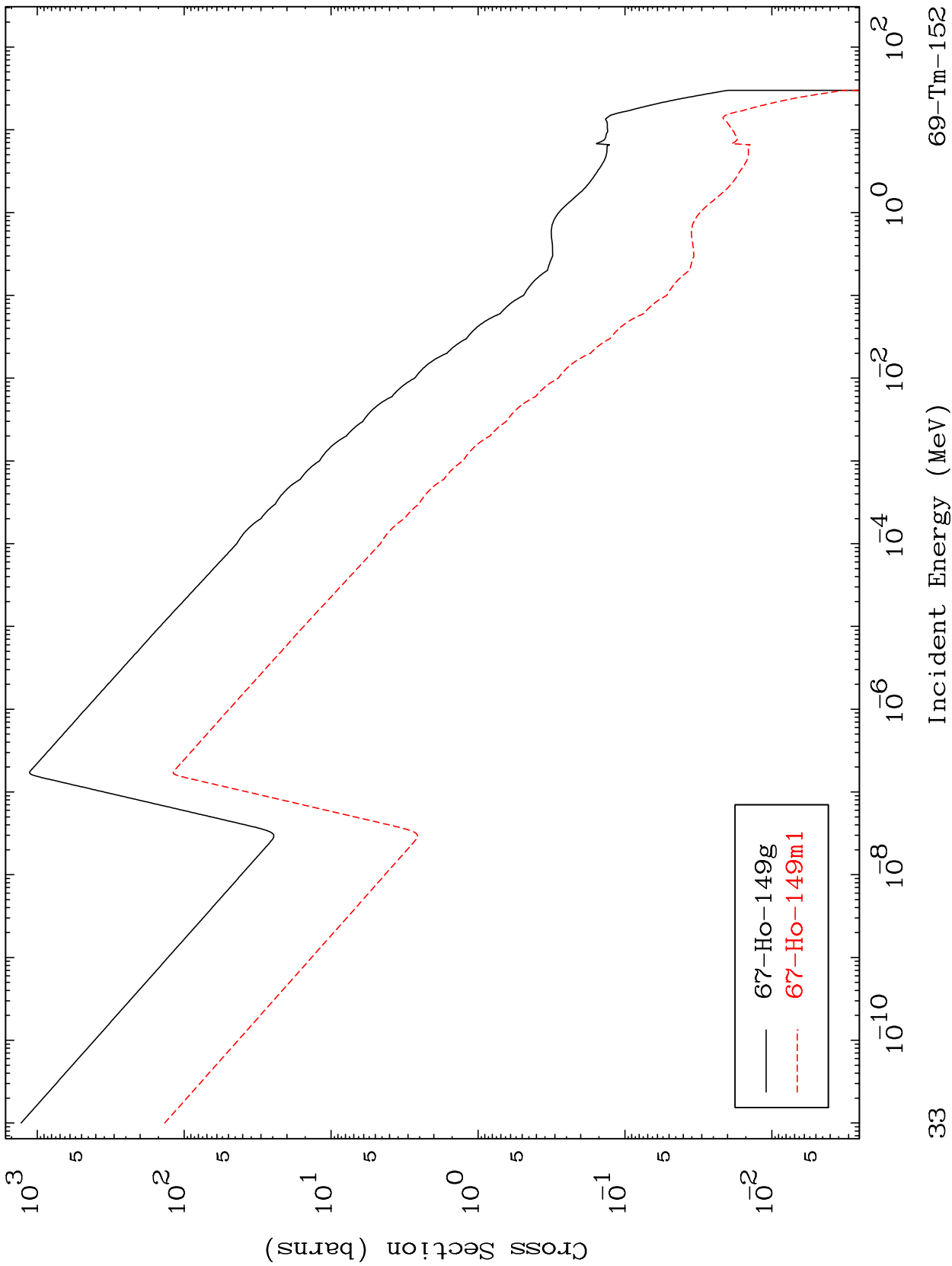
Incident Energy (MeV)

69-Tm-152

MAT 6875

69-Tm-152

Radionuclide Production Cross Section

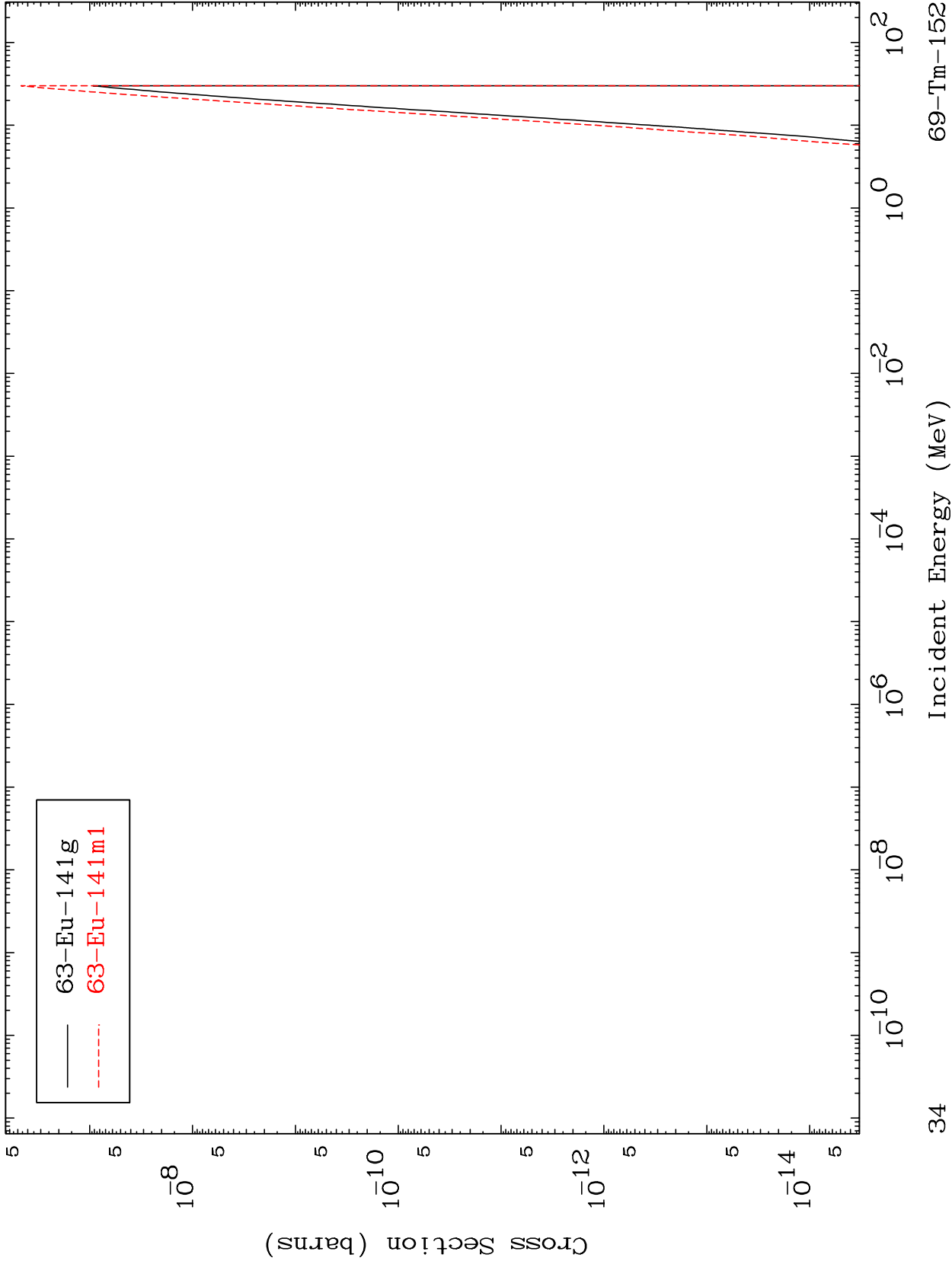


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(n,3 α)

69-Tm-152

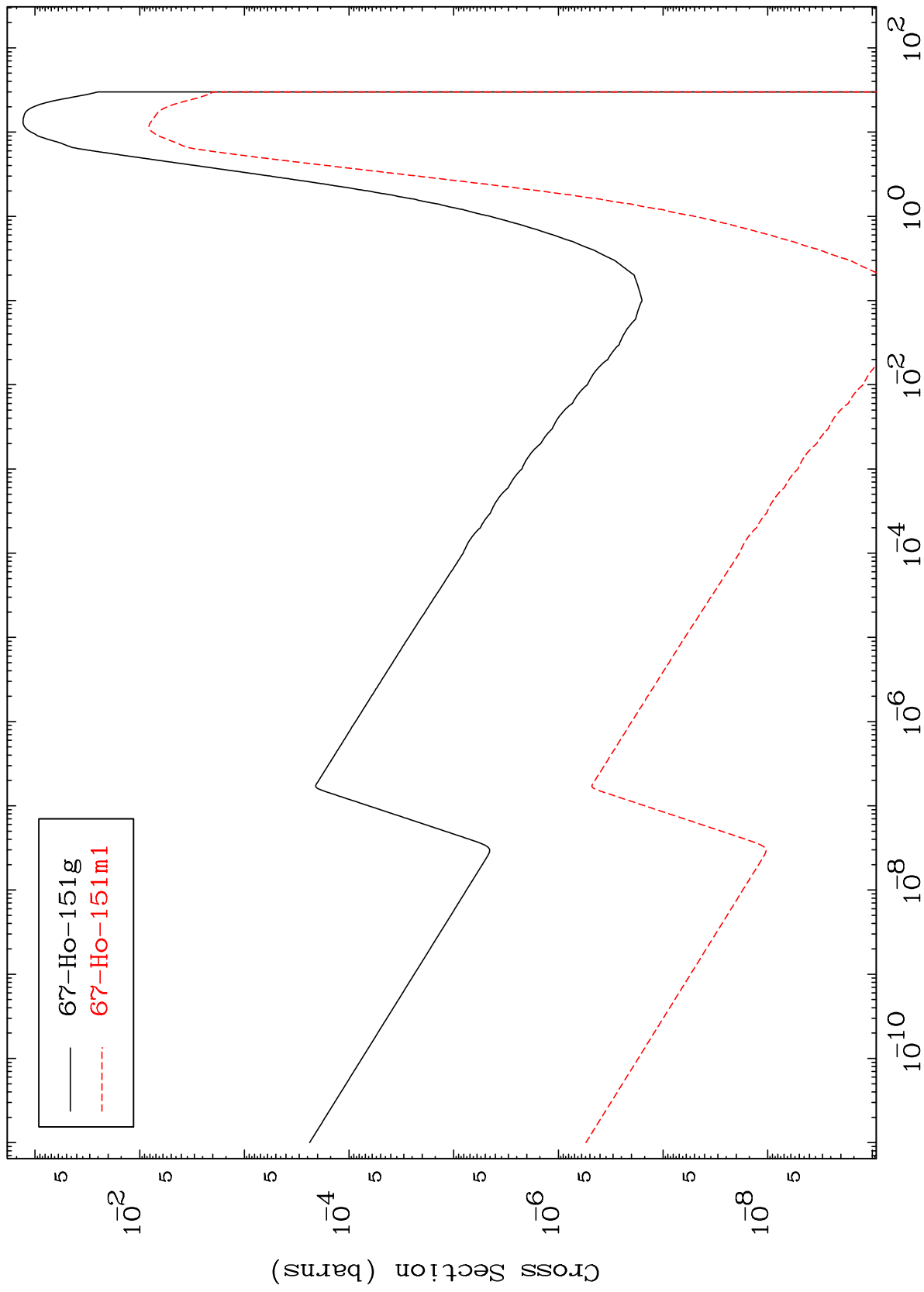
Radionuclide Production Cross Section



MAT 6875

69-Tm-152

Radionuclide Production Cross Section
(n,2p)



35

69-Tm-152

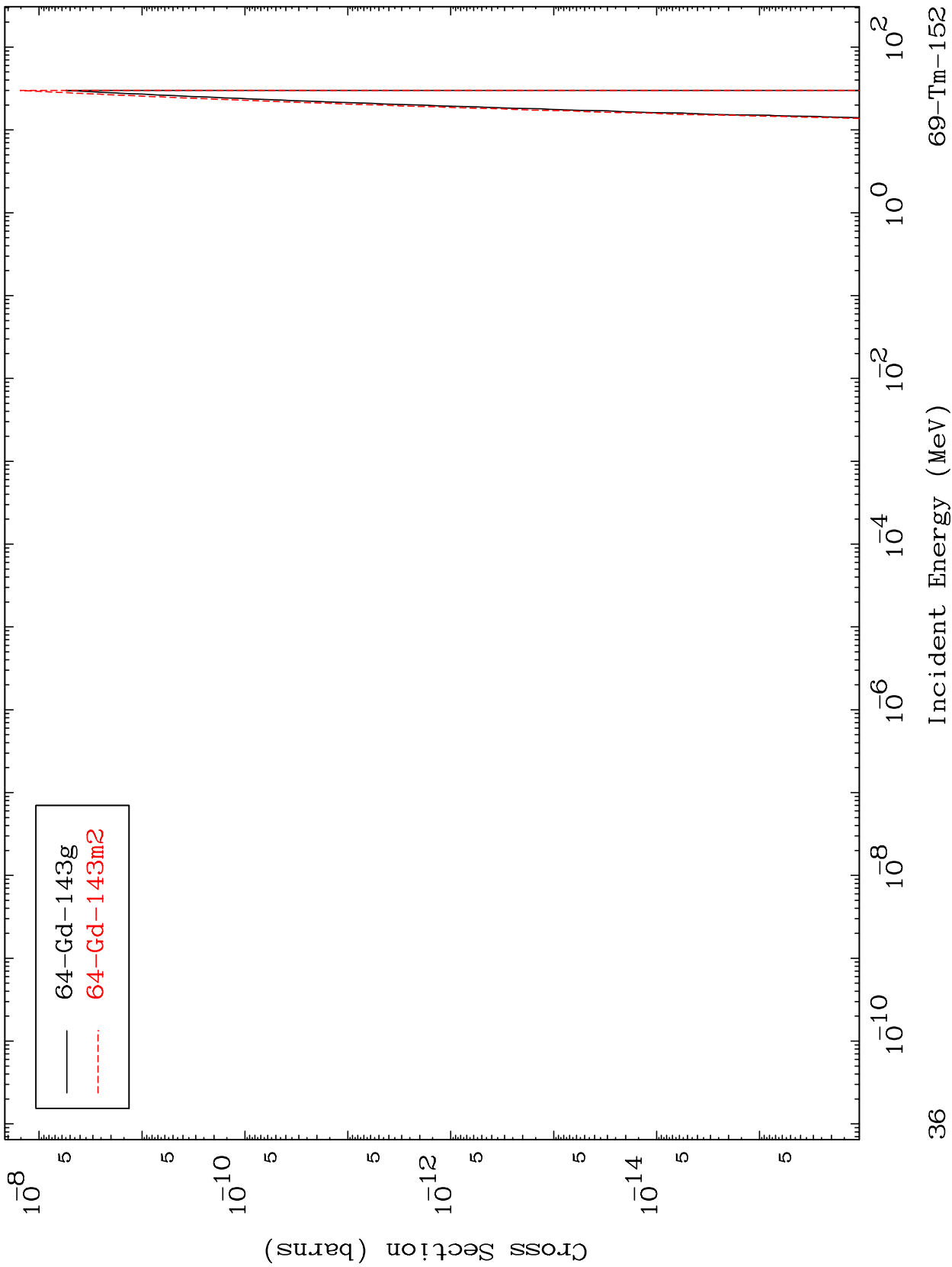
Incident Energy (MeV)

MAT 6875

(n,d) 2 α

69-Tm-152

Radionuclide Production Cross Section

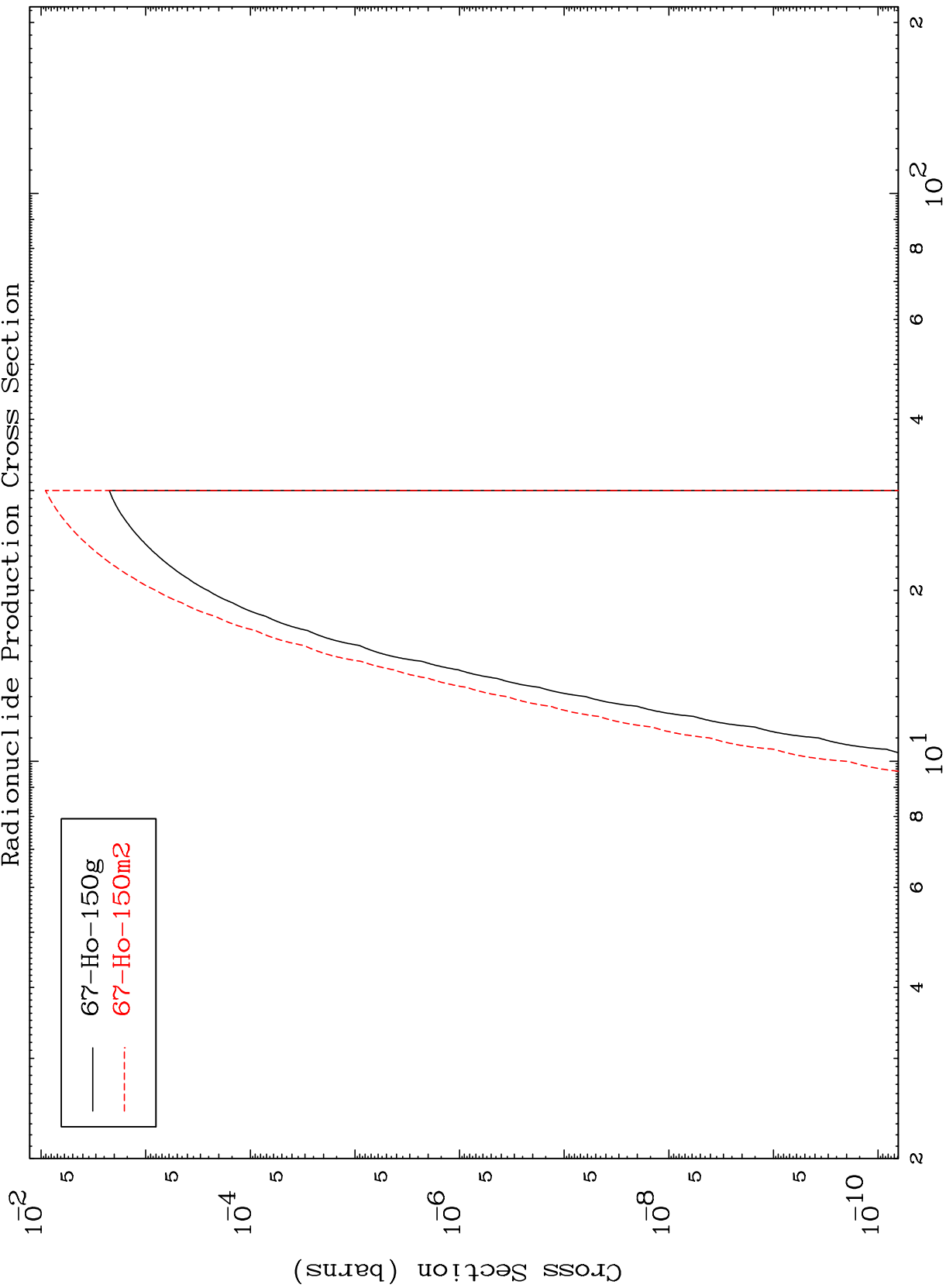


MAT 6875

(n,p) d

69-Tm-152

Radionuclide Production Cross Section



37

Incident Energy (MeV)

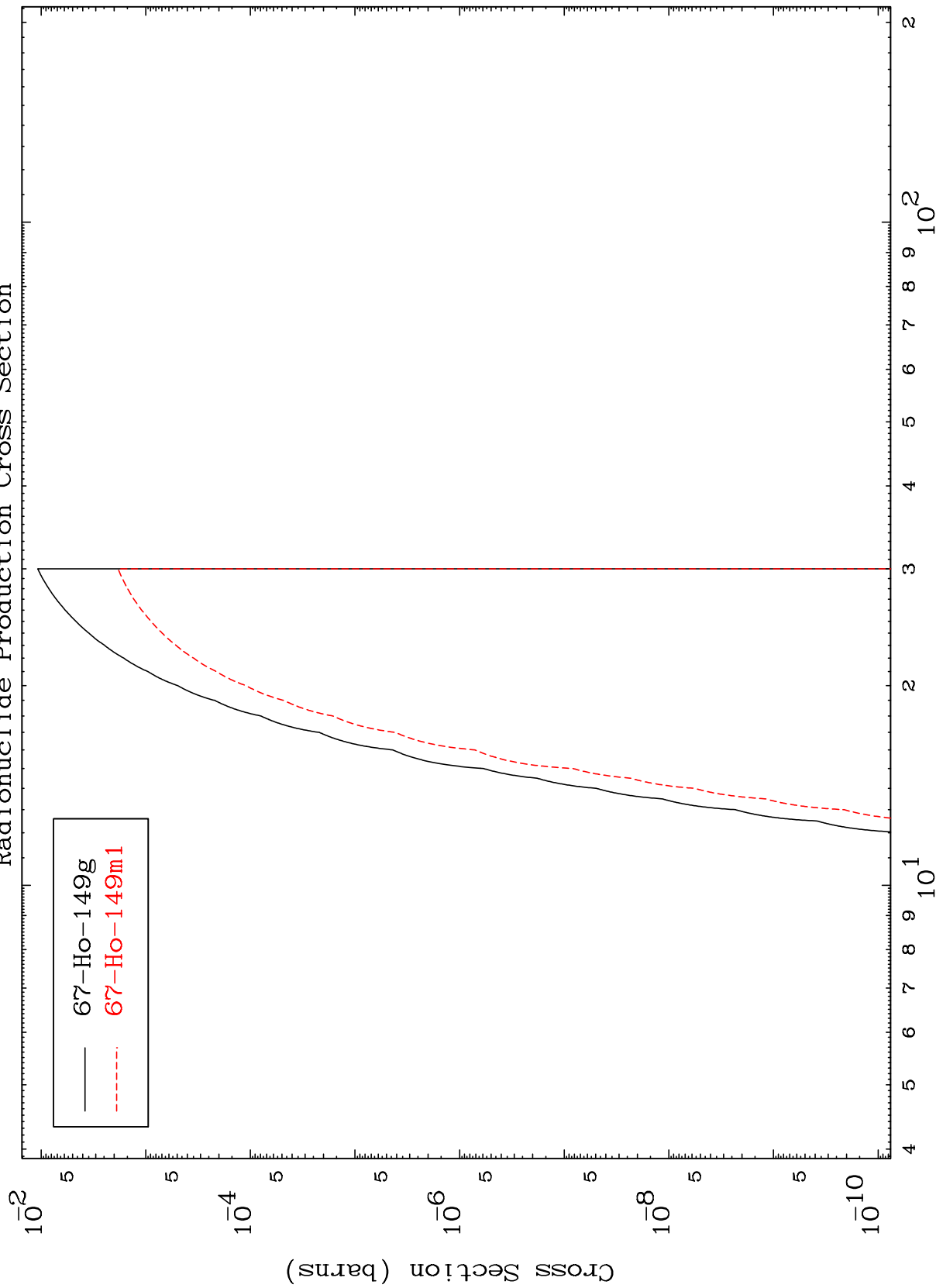
69-Tm-152

MAT 6875

(n,p) t

69-Tm-152

Radionuclide Production Cross Section



38

Incident Energy (MeV)

69-Tm-152

MAT 6875

(n,d) α

69-Tm-152

Radionuclide Production Cross Section

