

Program EVALPLOT
(Version 2021-1)

by

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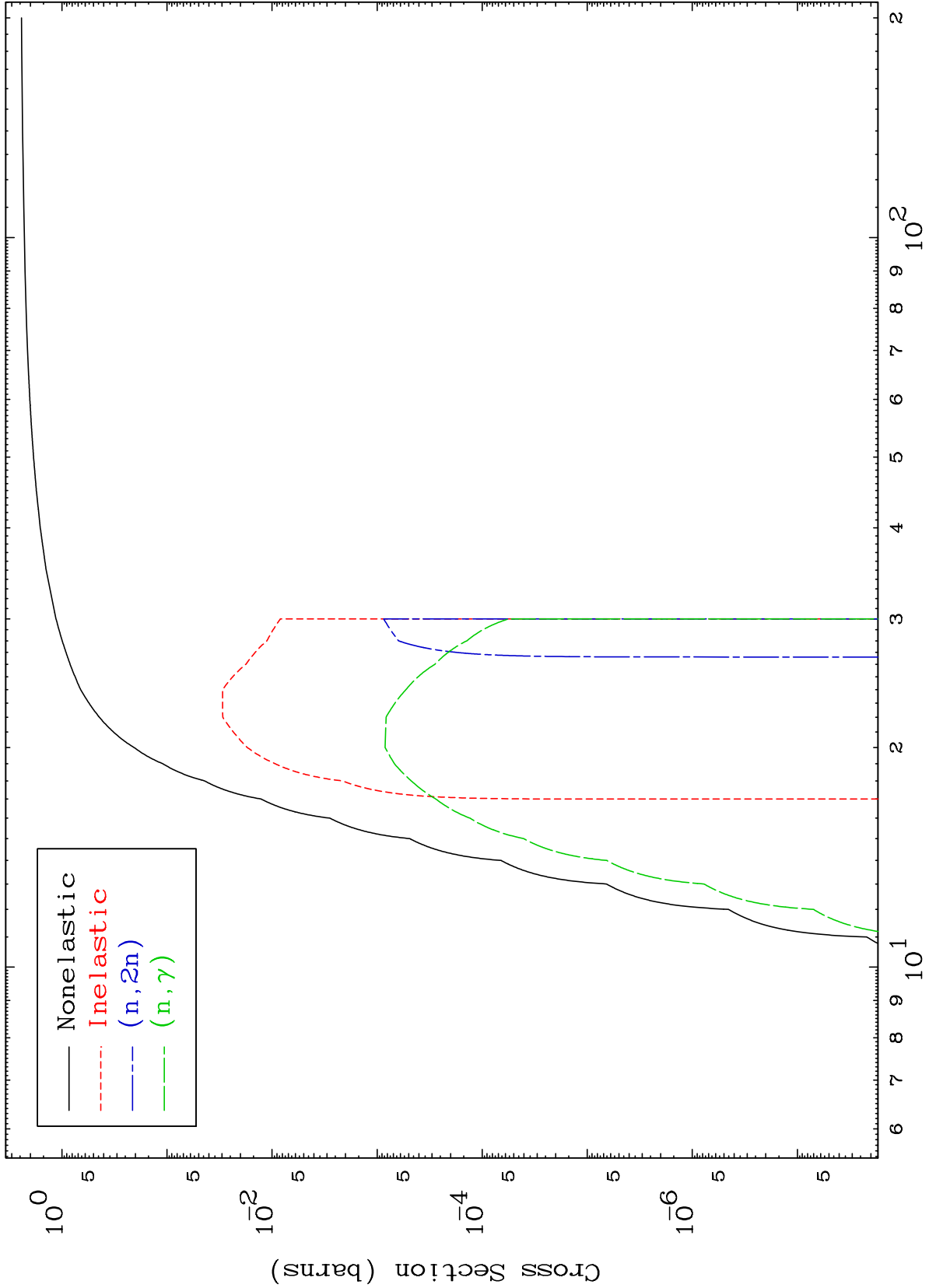
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6872

0 Kelvin Cross Sections

69-Tm-151m



1

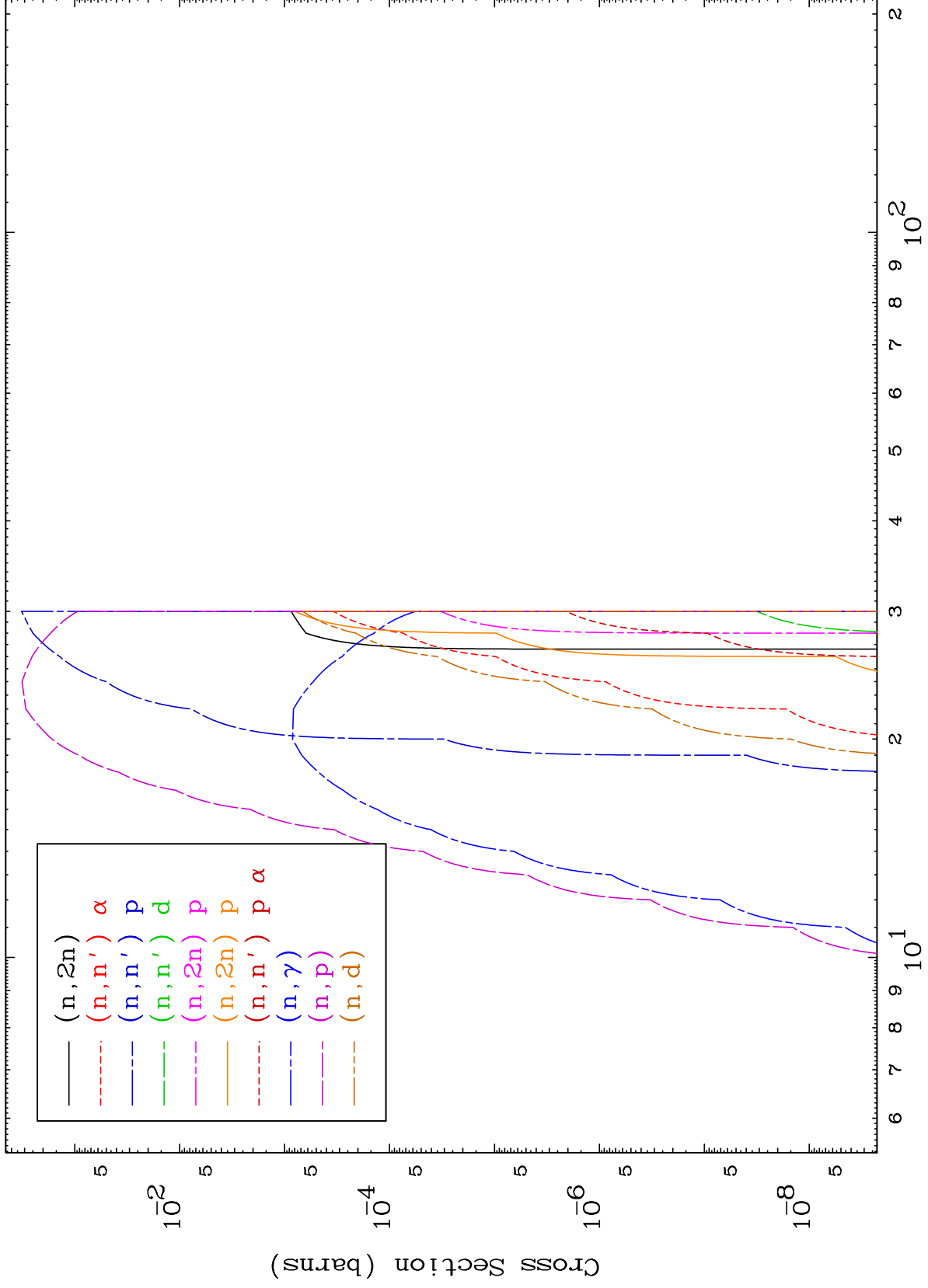
Incident Energy (MeV)

69-Tm-151m

MAT 6872

α Neutron Absorption
0 Kelvin Cross Sections

69-Tm-151m



2

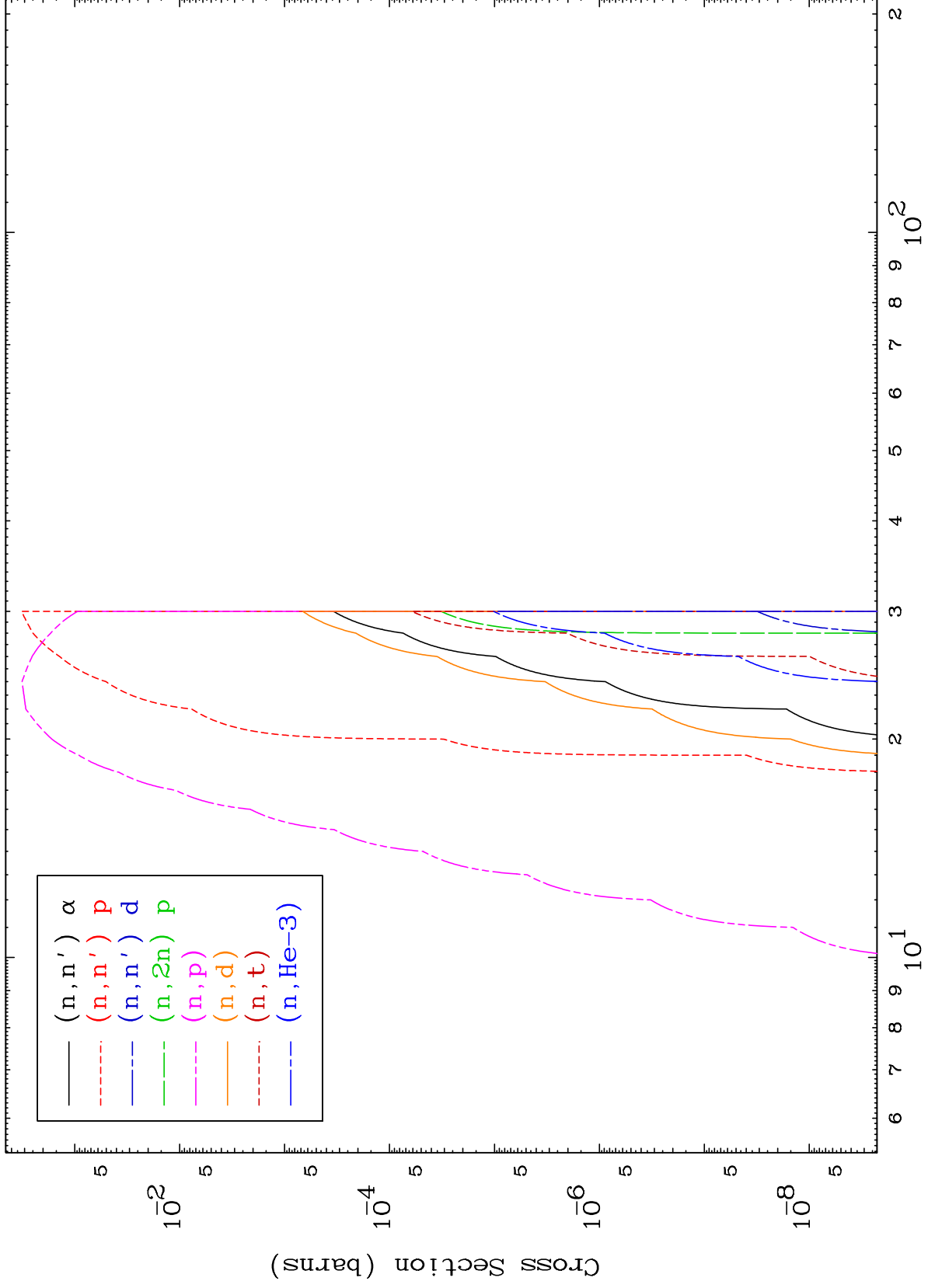
Incident Energy (MeV)

69-Tm-151m

MAT 6872

α Charged Particle
0 Kelvin Cross Sections

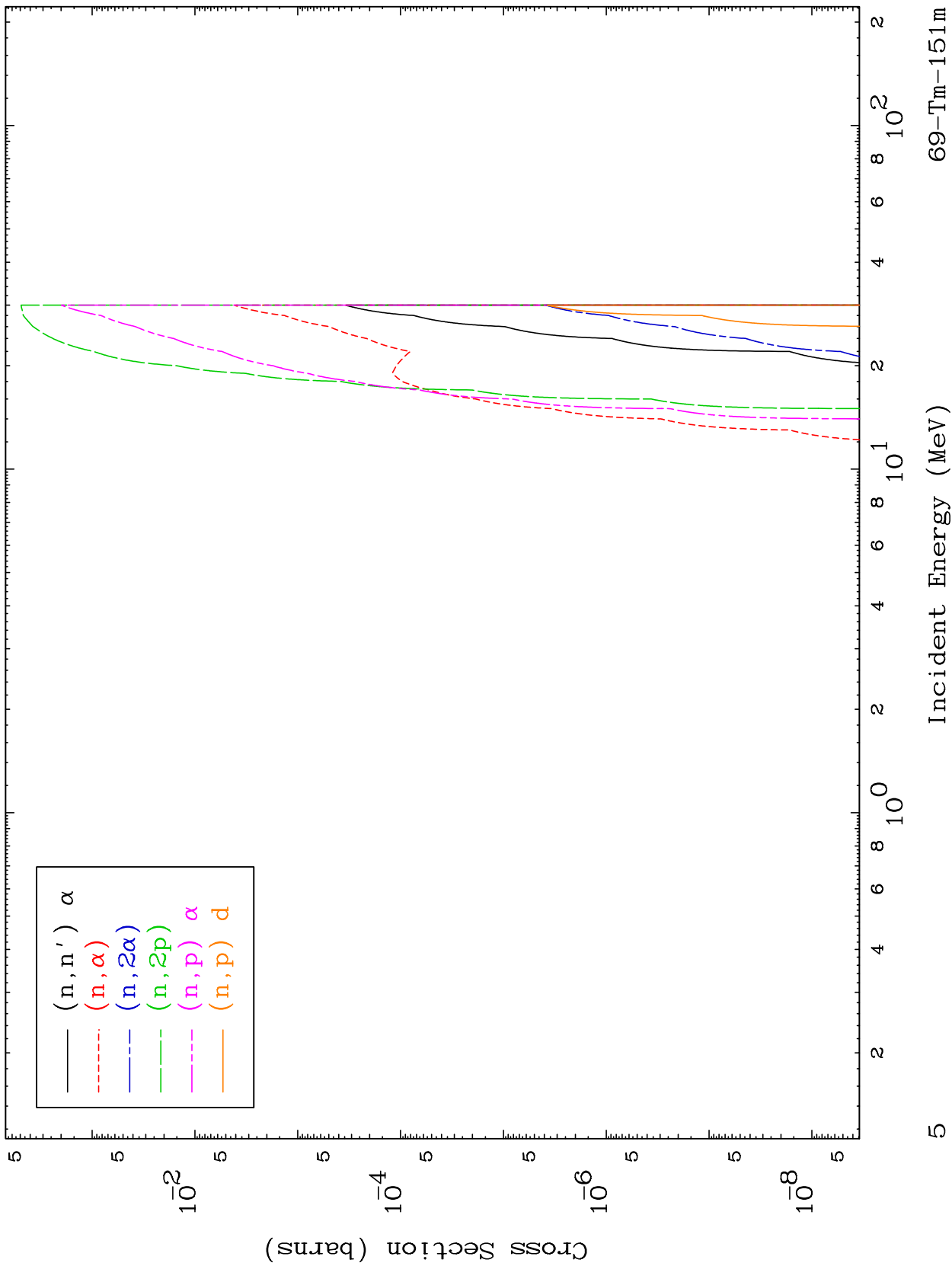
69-Tm-151m



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α Charged Particle
0 Kelvin Cross Sections

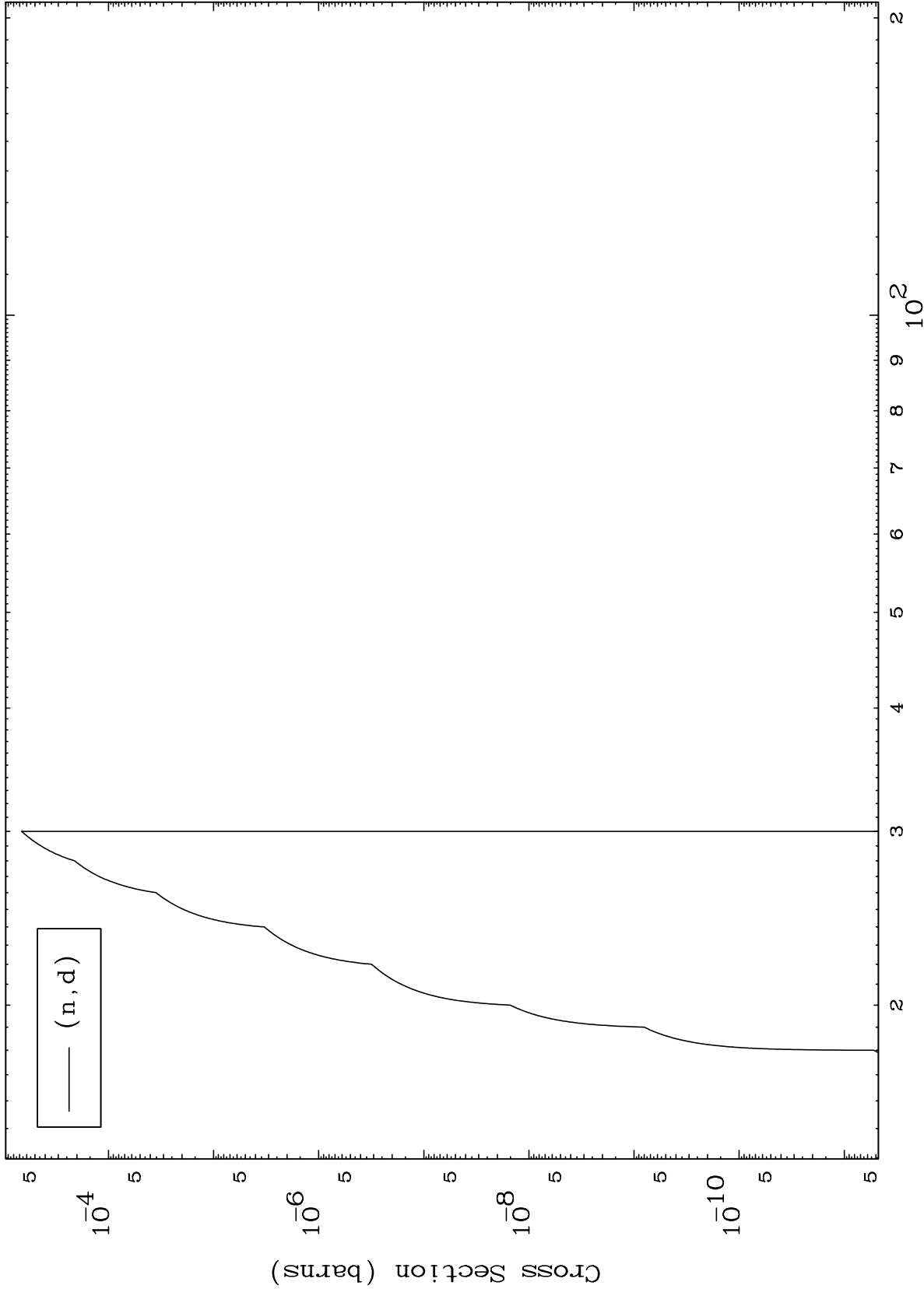
69-Tm-151m



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(α, d) Levels
0 Kelvin Cross Sections

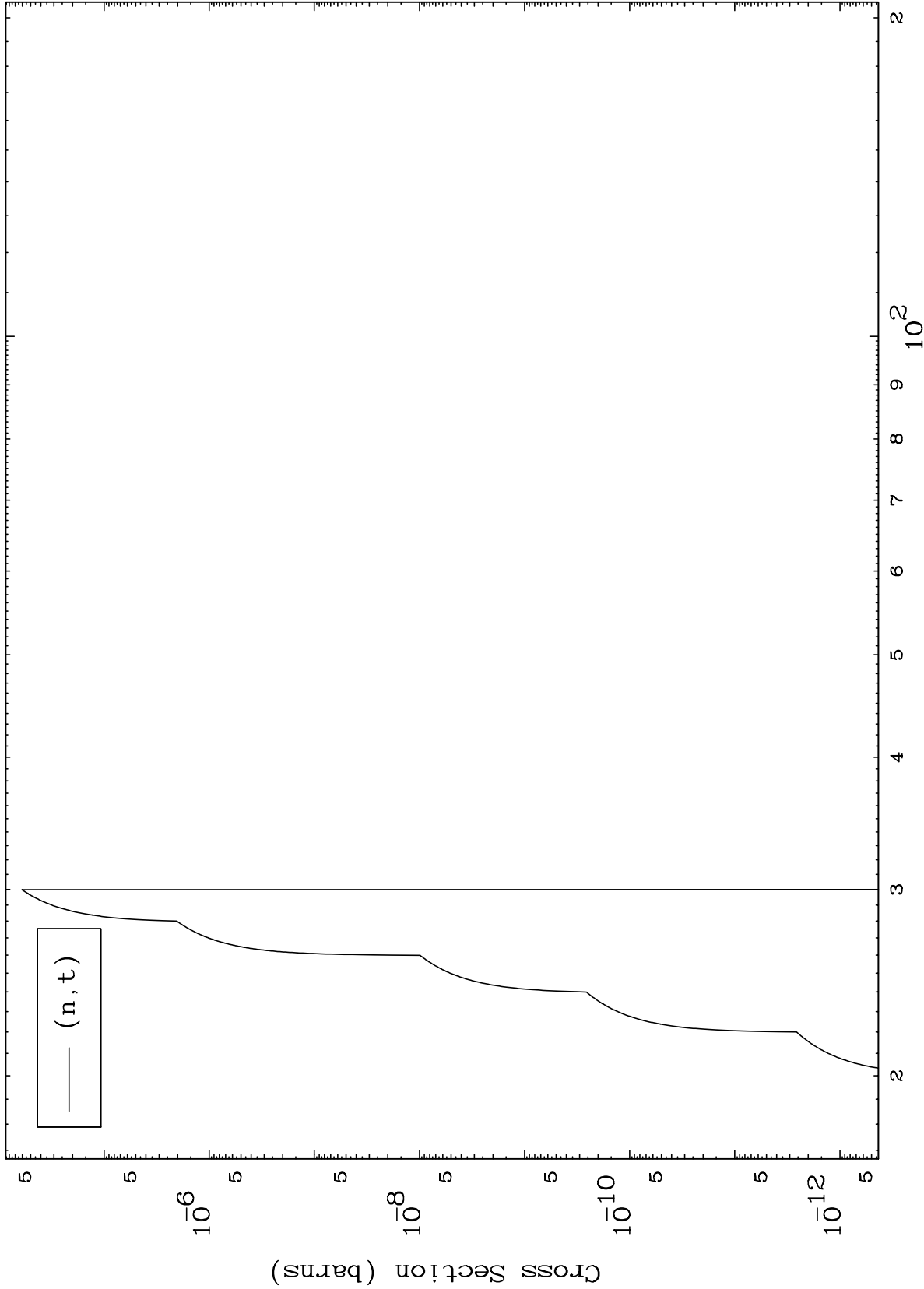
69-Tm-151m



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(α, t) Levels
0 Kelvin Cross Sections

69-Tm-151m



8

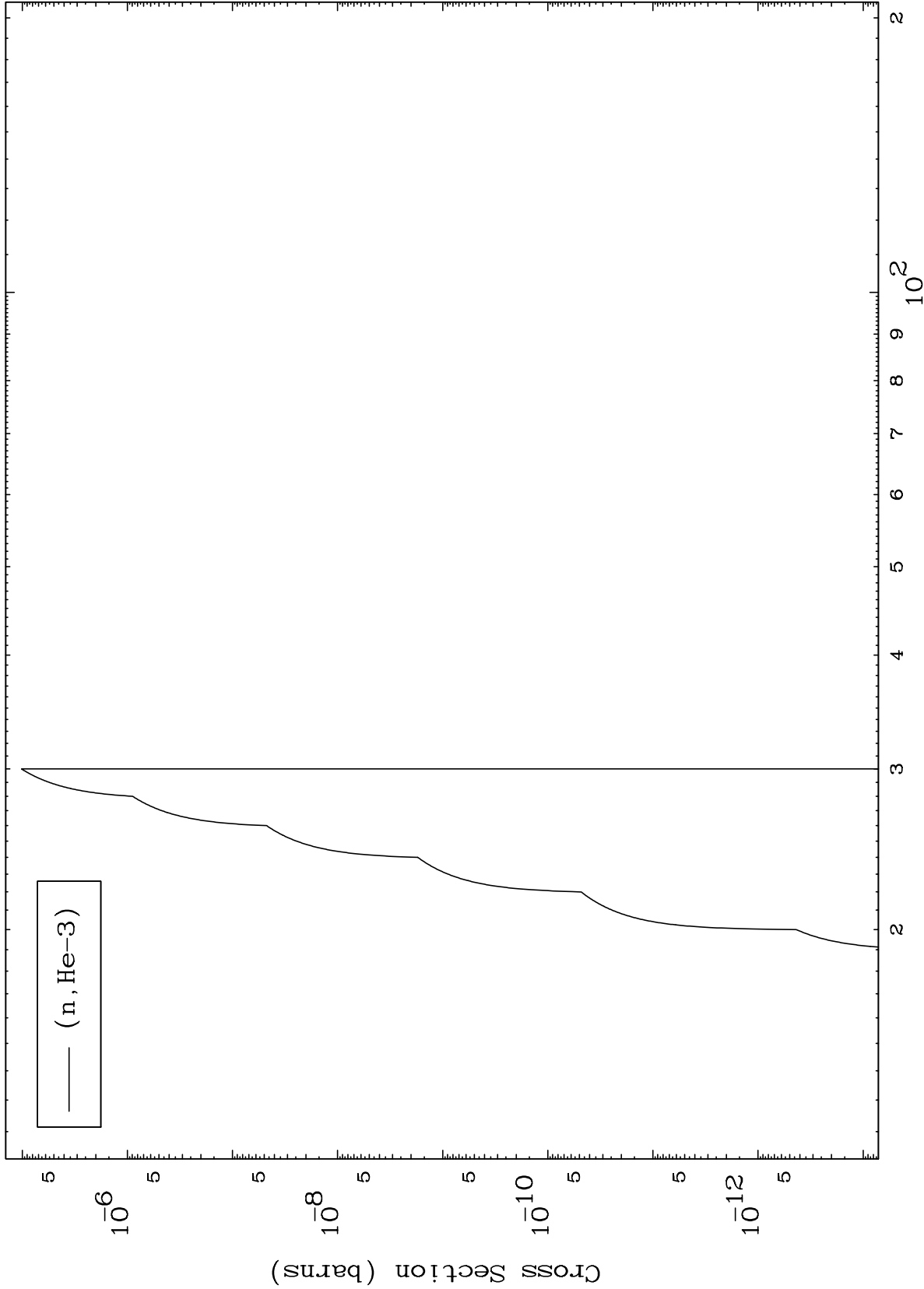
Incident Energy (MeV)

69-Tm-151m

MAT 6872

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

69-Tm-151m

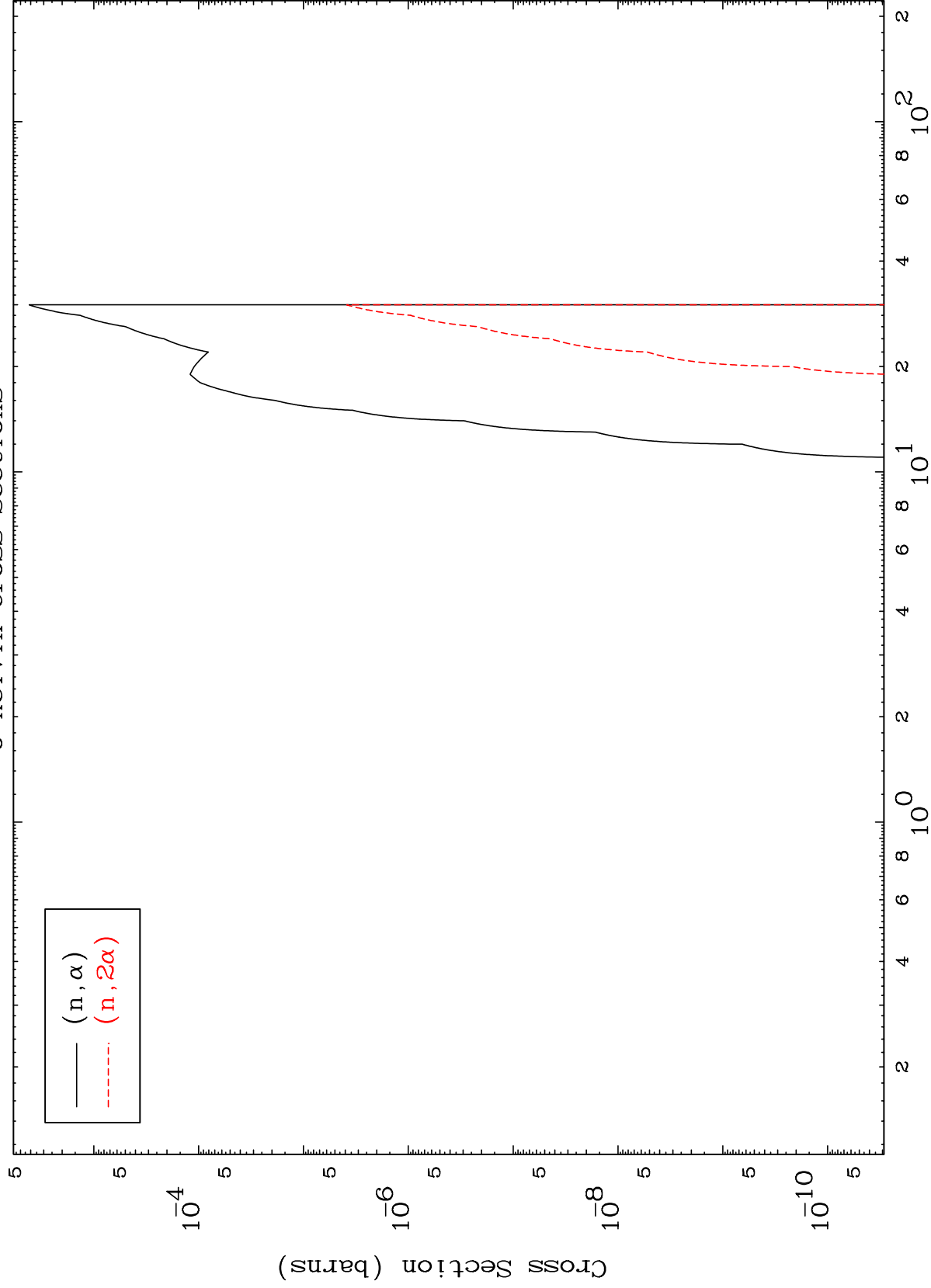


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(α, α) Levels

69-Tm-151m

0 Kelvin Cross Sections



10

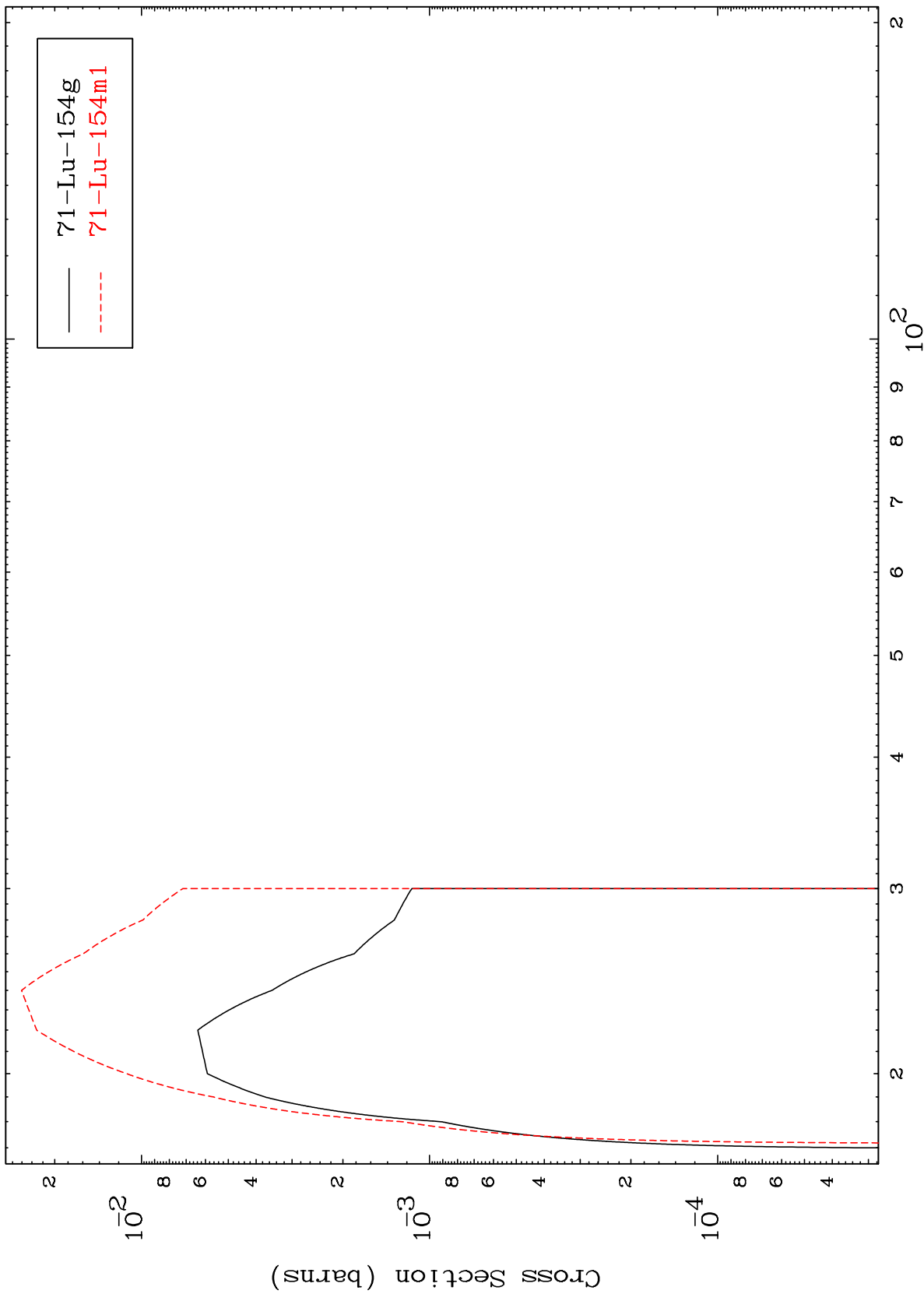
Incident Energy (MeV)

69-Tm-151m

MAT 6872

69-Tm-151m

Inelastic
Radionuclide Production Cross Section

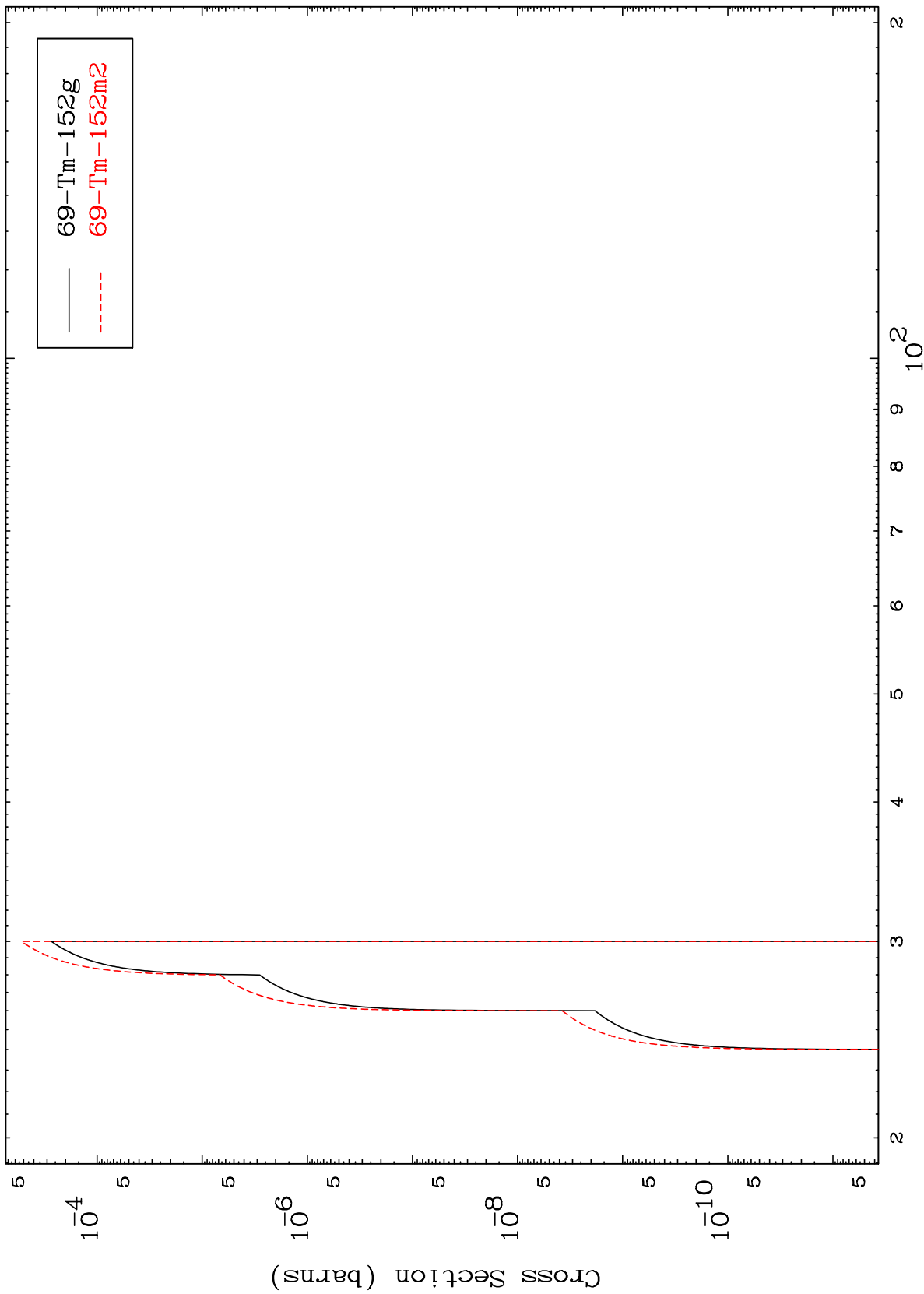


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(n,2n) p

69-Tm-151m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

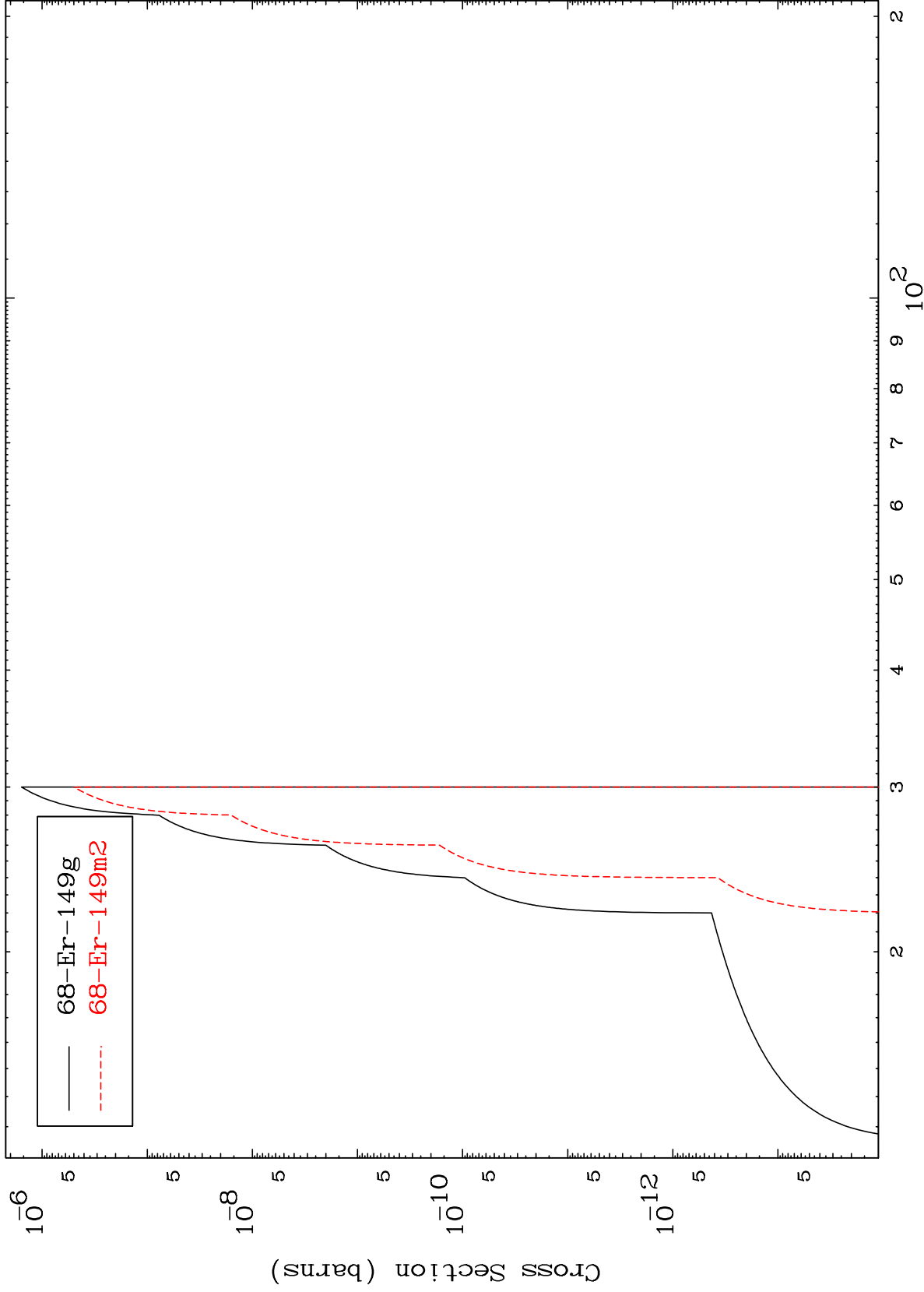
69-Tm-151m

MAT 6872

(n,n') p α

69-Tm-151m

Radionuclide Production Cross Section



13

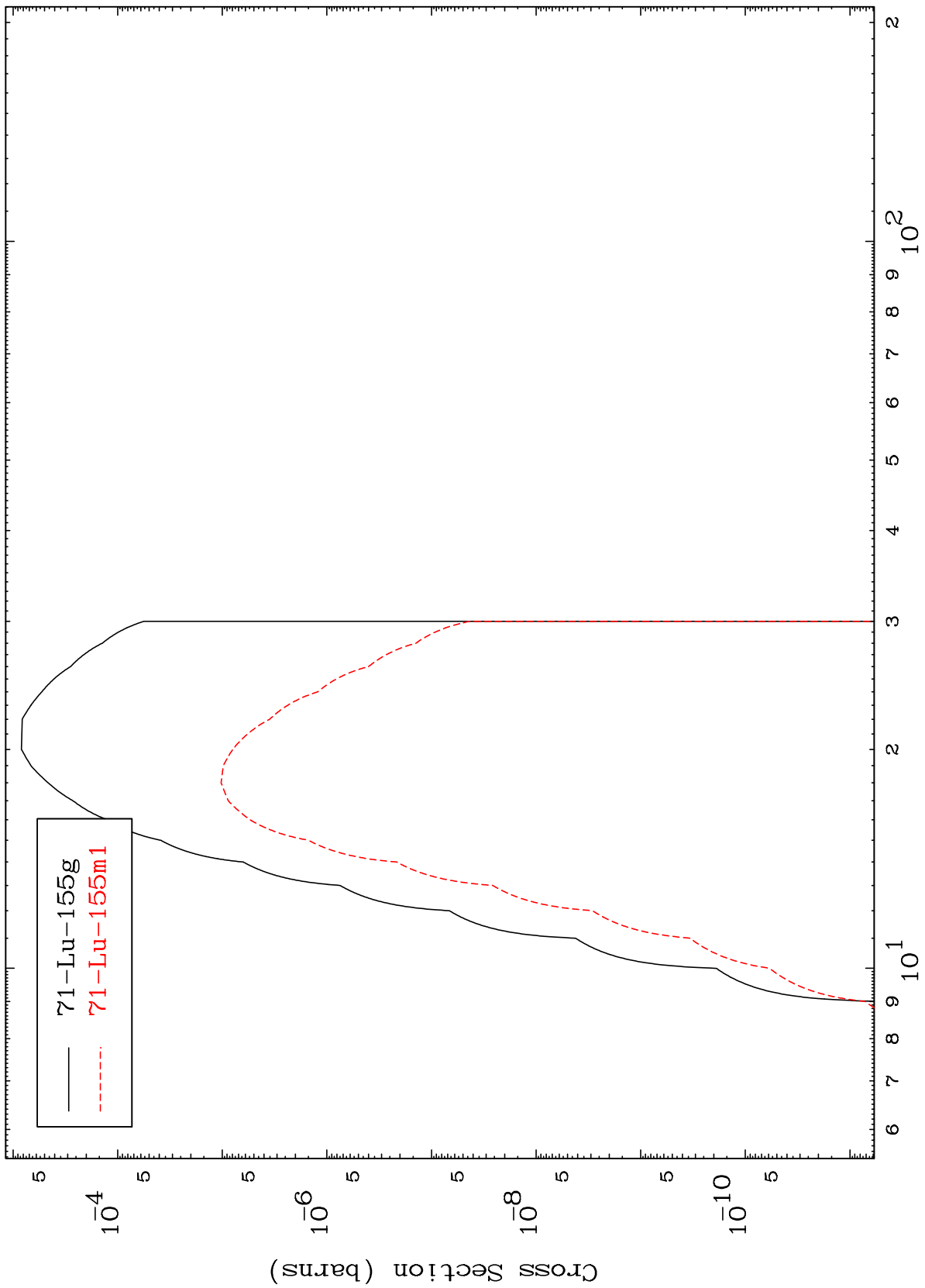
Incident Energy (MeV)

69-Tm-151m

MAT 6872

69-Tm-151m

Radionuclide Production Cross Section
(n, γ)



71-Lu-155g
71-Lu-155m1

69-Tm-151m

Incident Energy (MeV)

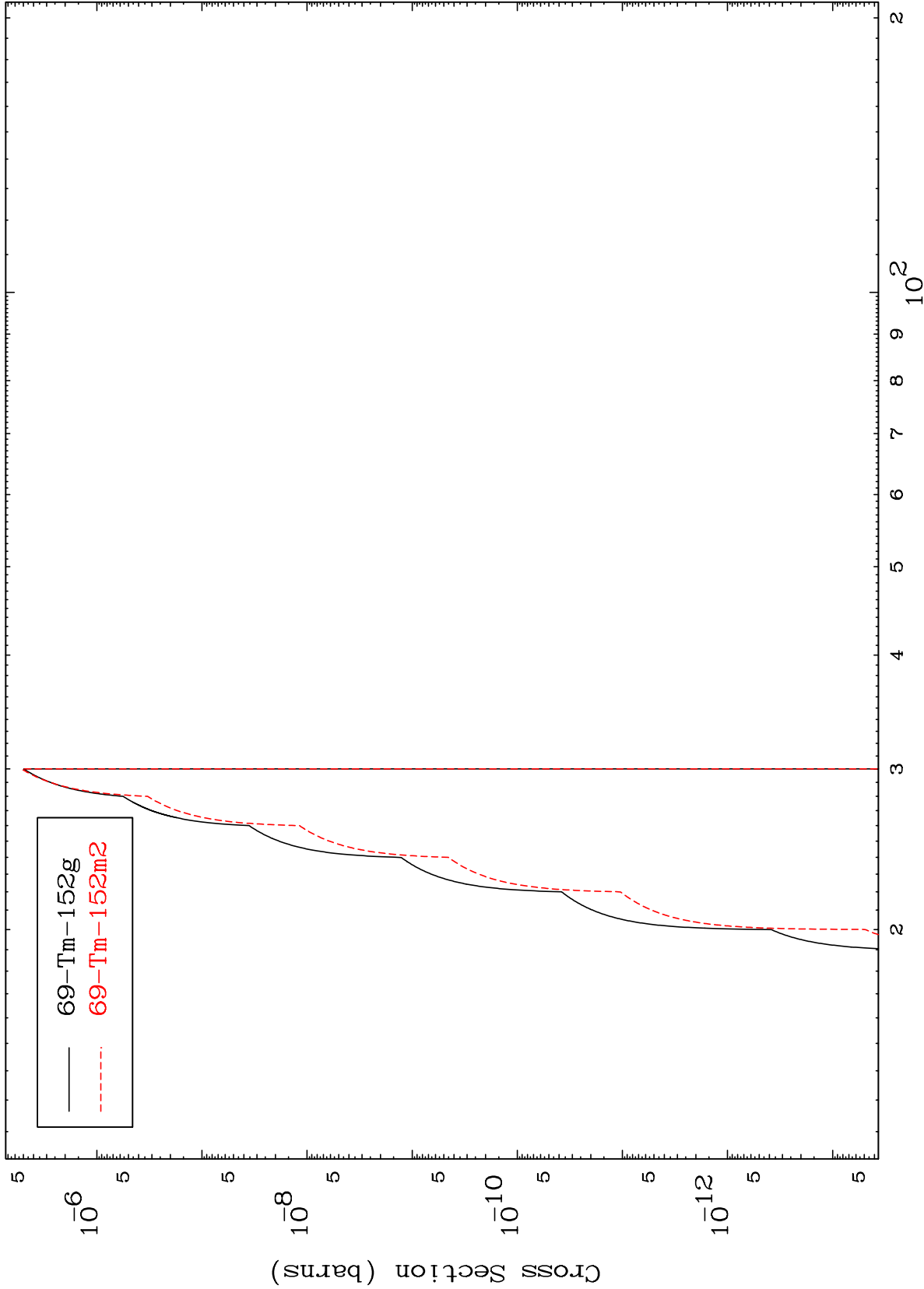
14

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(n,He-3)

69-Tm-151m

Radionuclide Production Cross Section



15

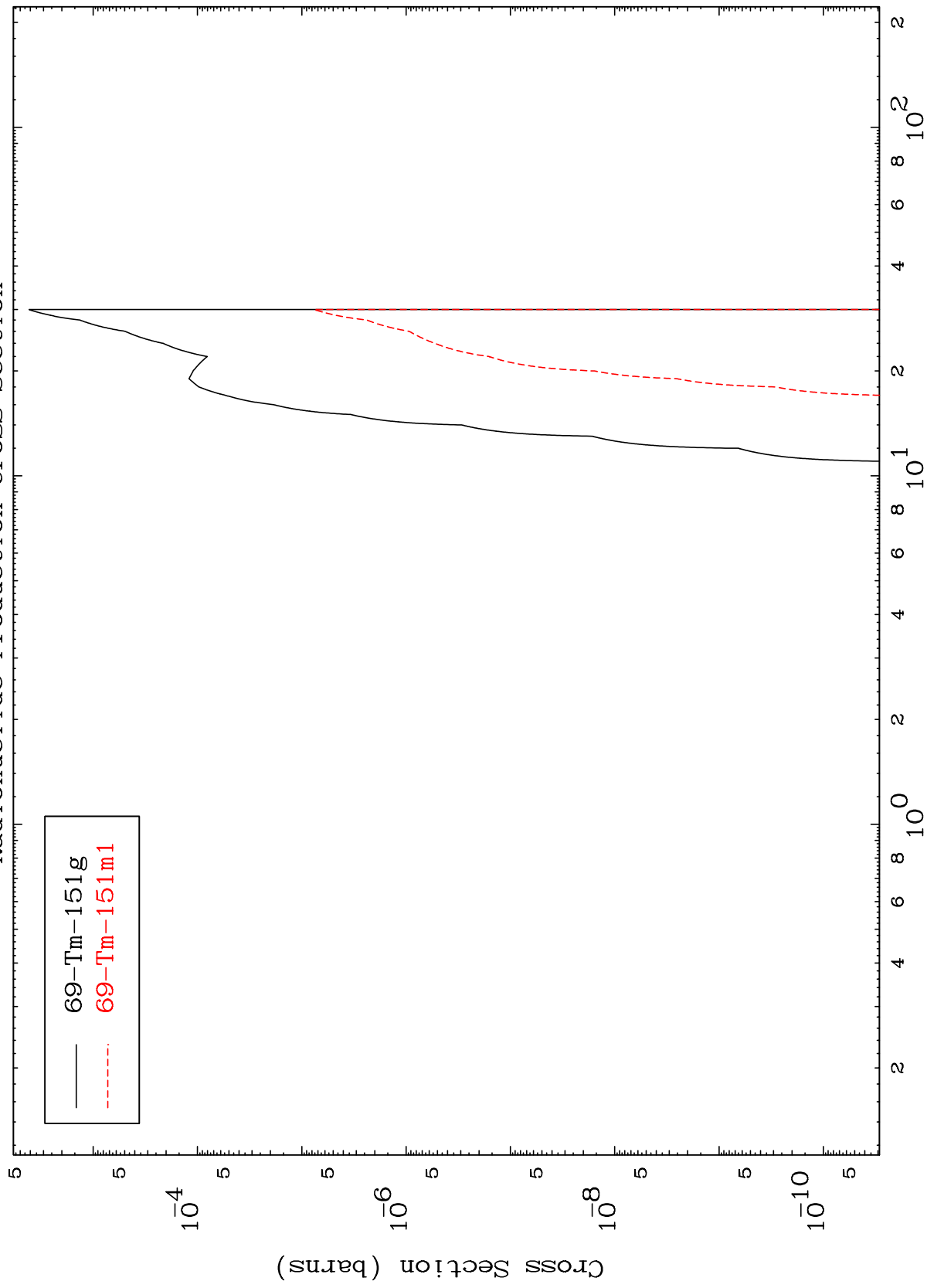
Incident Energy (MeV)

69-Tm-151m

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69-Tm-151m

Radionuclide Production Cross Section



69-Tm-151m

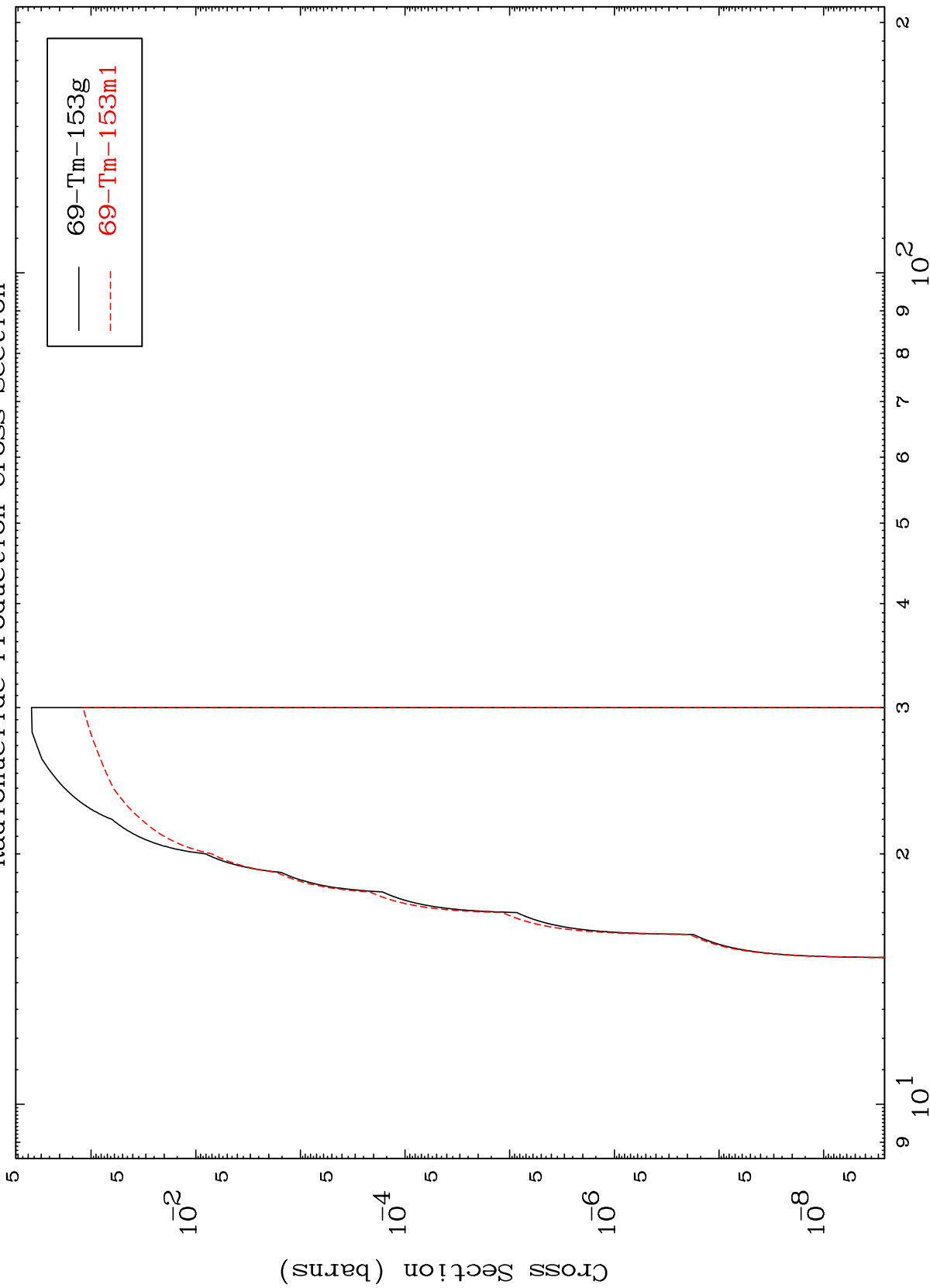
Incident Energy (MeV)

16

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69-Tm-151m

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

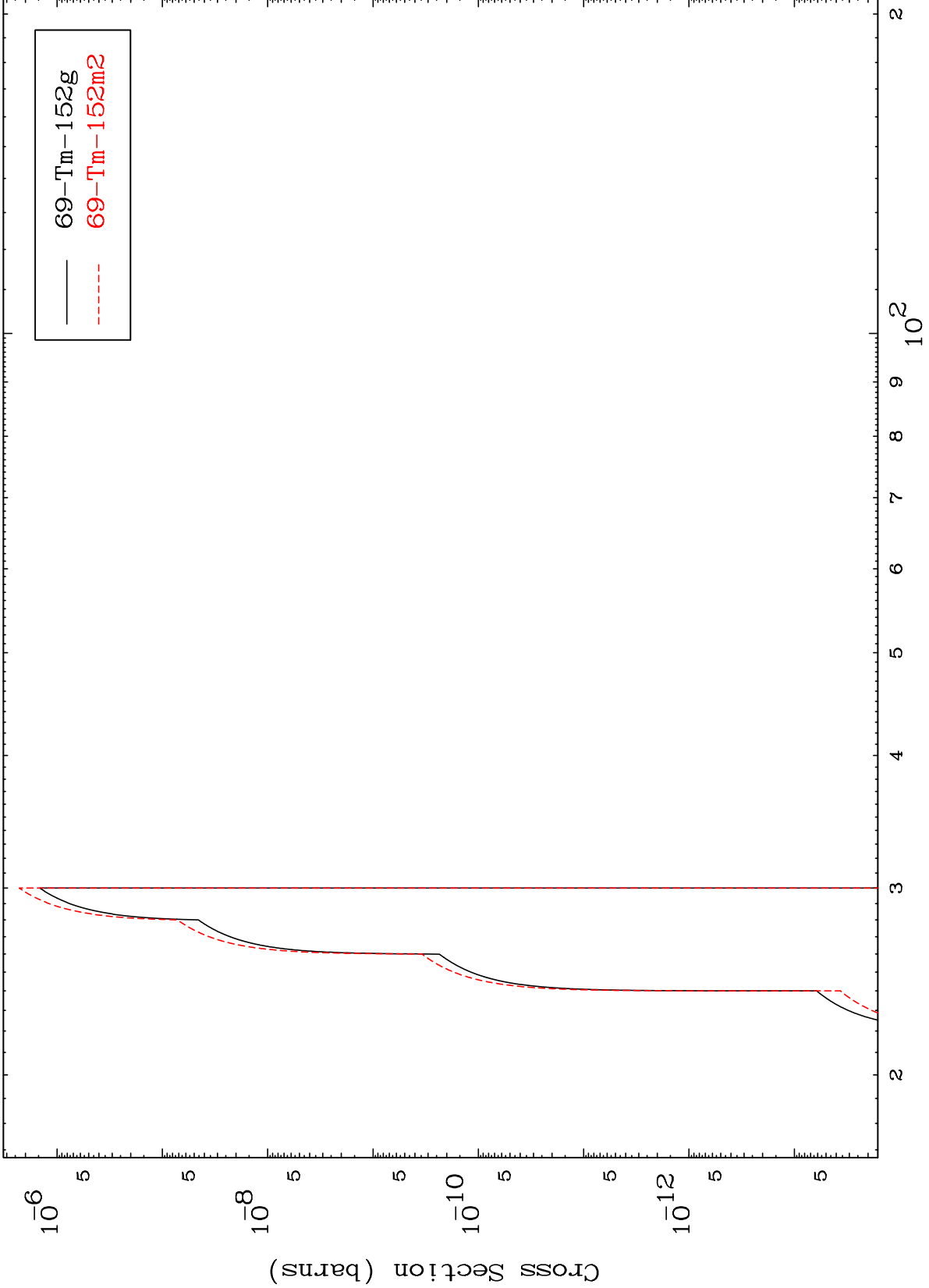
69-Tm-151m

MAT 6872

(n,p) d

69-Tm-151m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

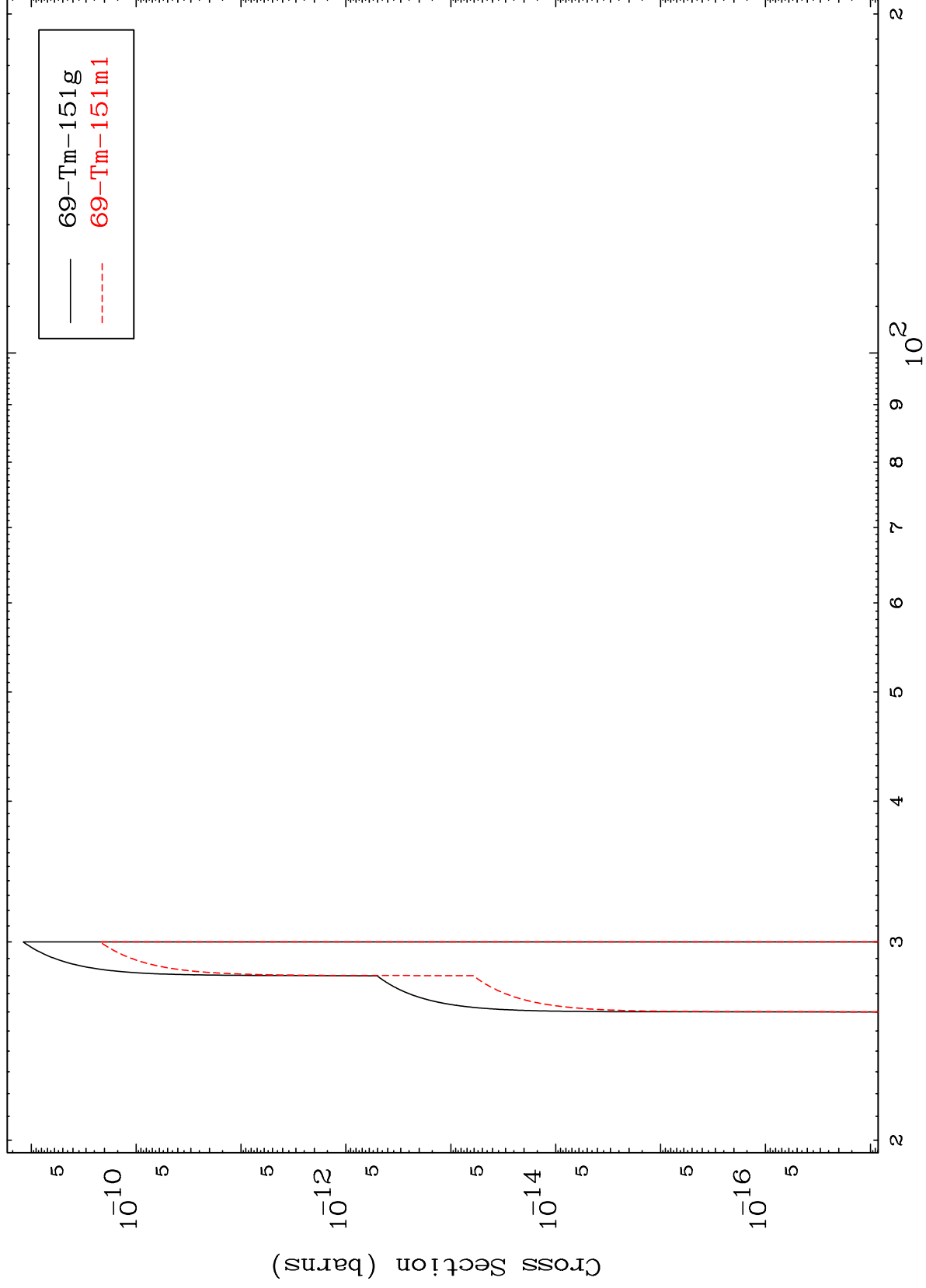
69-Tm-151m

MAT 6872

(n,p) t

69-Tm-151m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

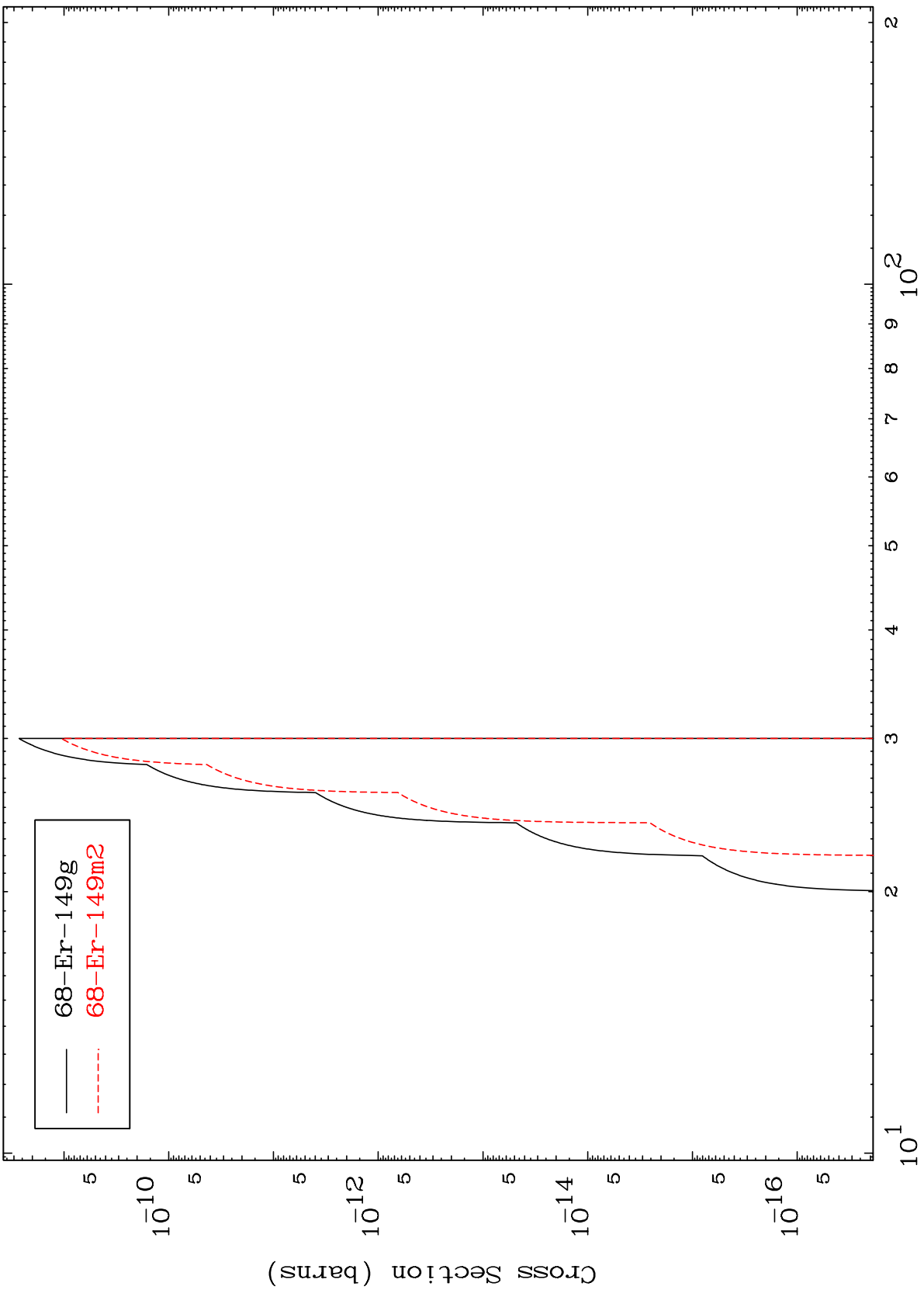
69-Tm-151m

MAT 6872

(n,d) α

69-Tm-151m

Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

Incident Energy (MeV)

69-Tm-151m

20