

Program EVALPLOT
(Version 2021-1)

by

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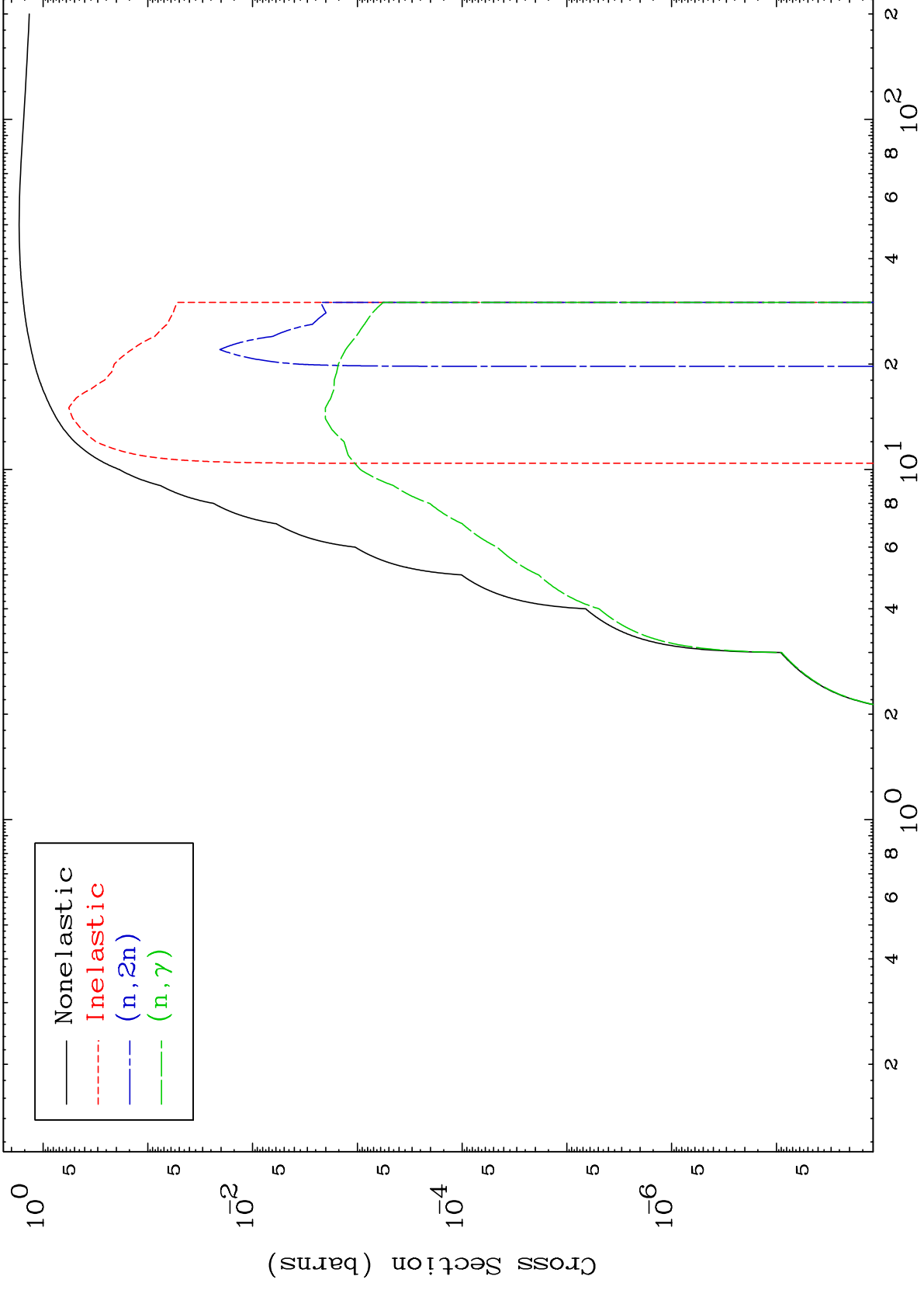
Press Mouse Button to Start

MAT 6989

Proton Major

70-Yb-156

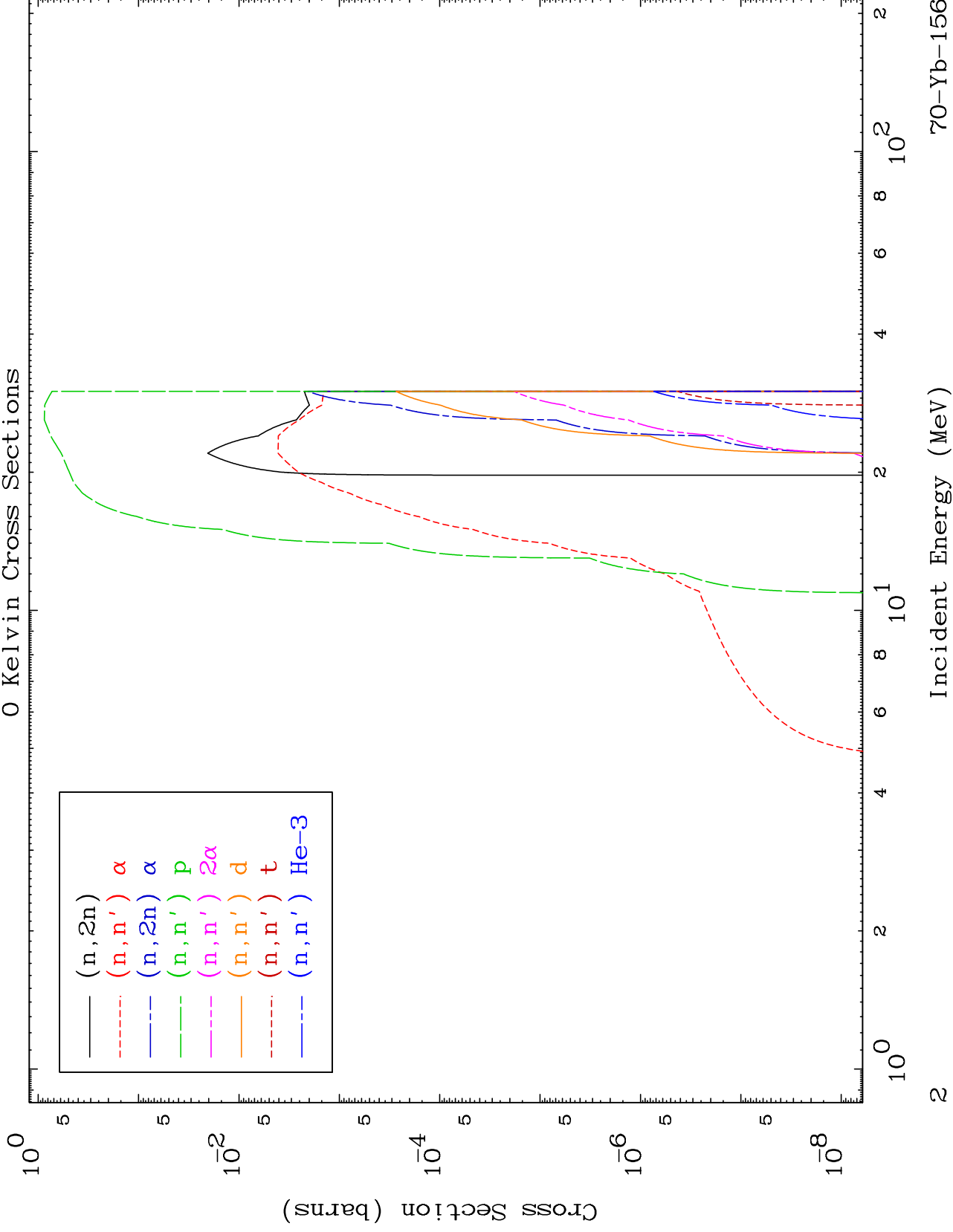
0 Kelvin Cross Sections



MAT 6989

Proton Neutron Absorption
0 Kelvin Cross Sections

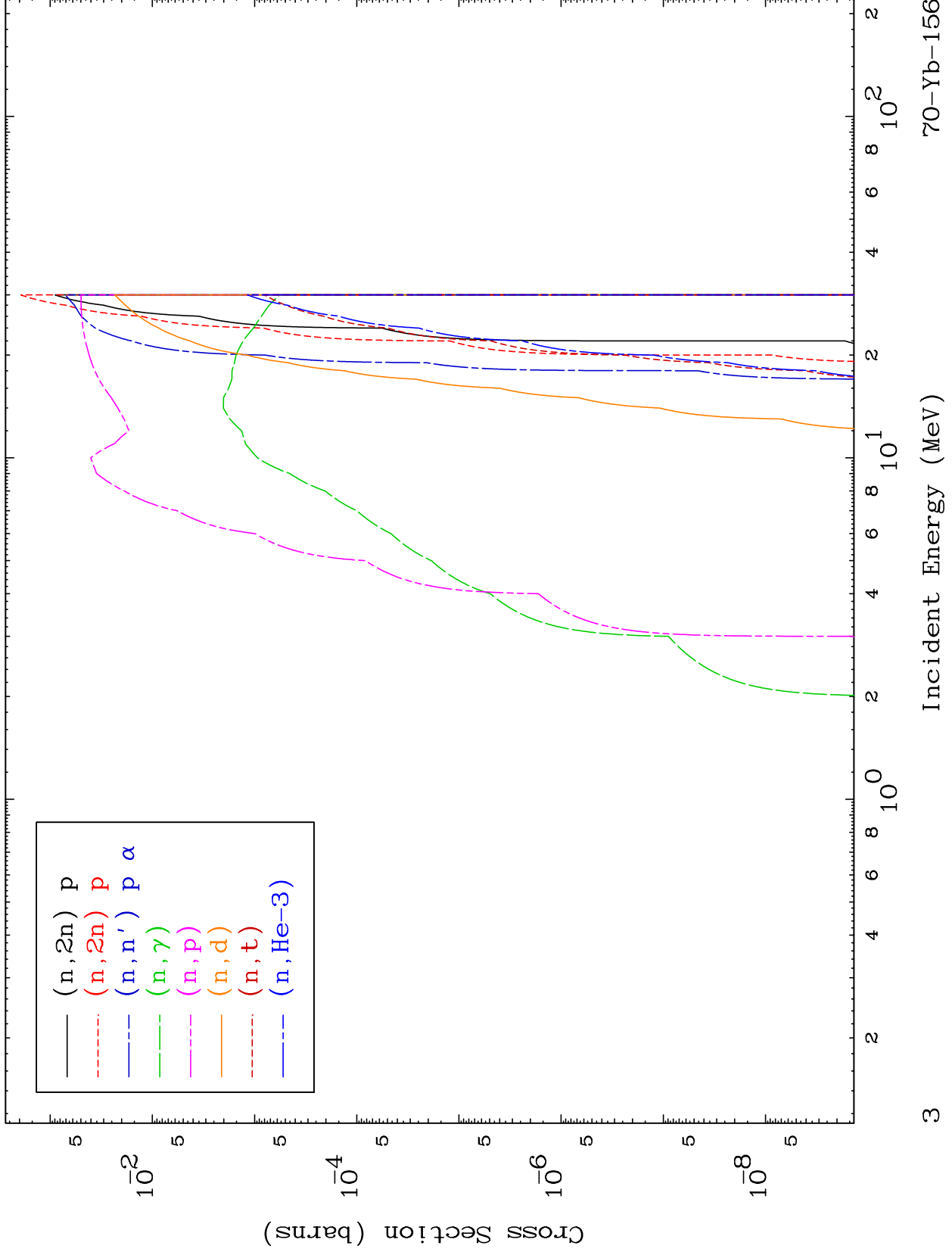
70-Yb-156

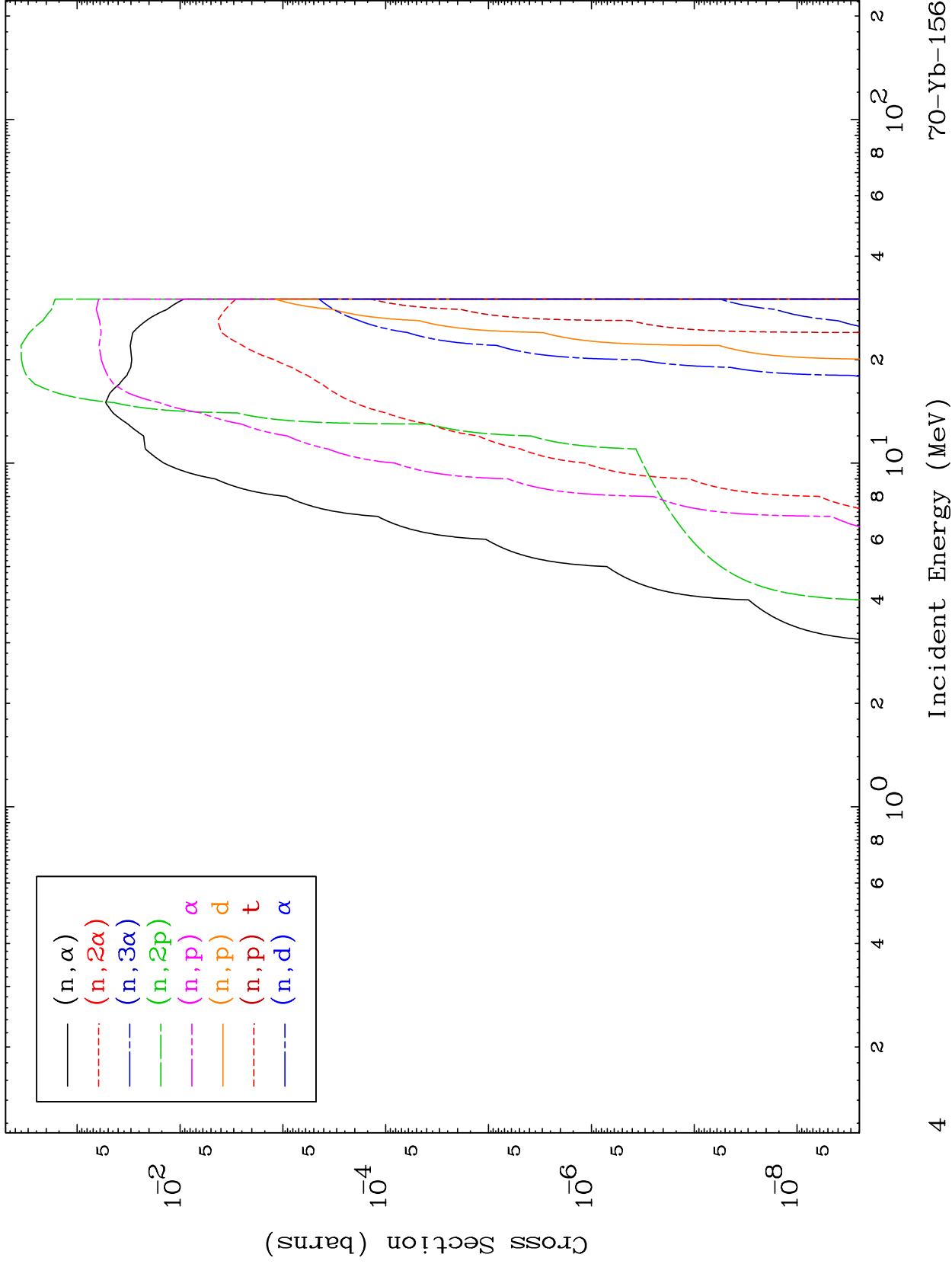


70-Yb-156

Incident Energy (MeV)

2

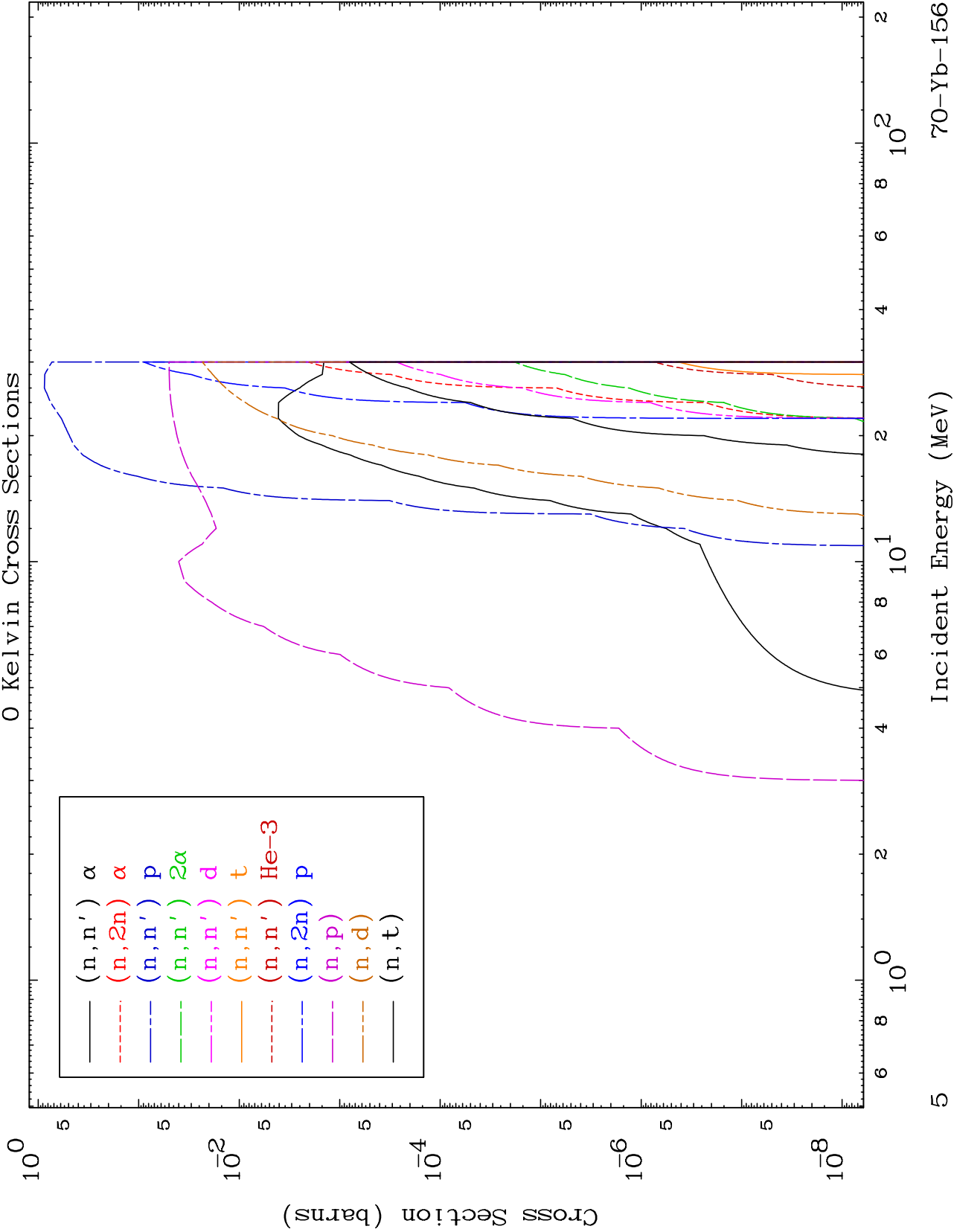


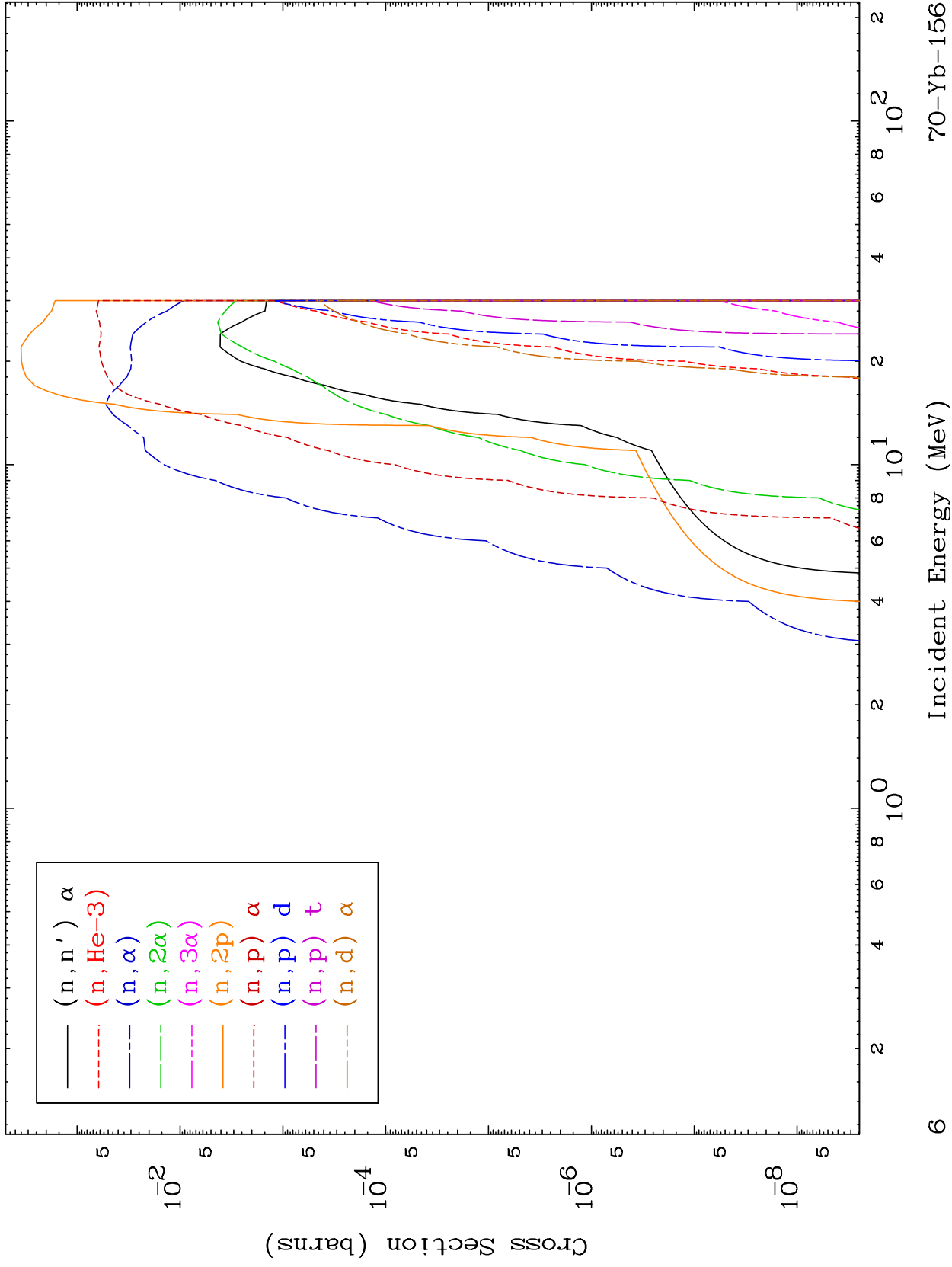


MAT 6989

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-156

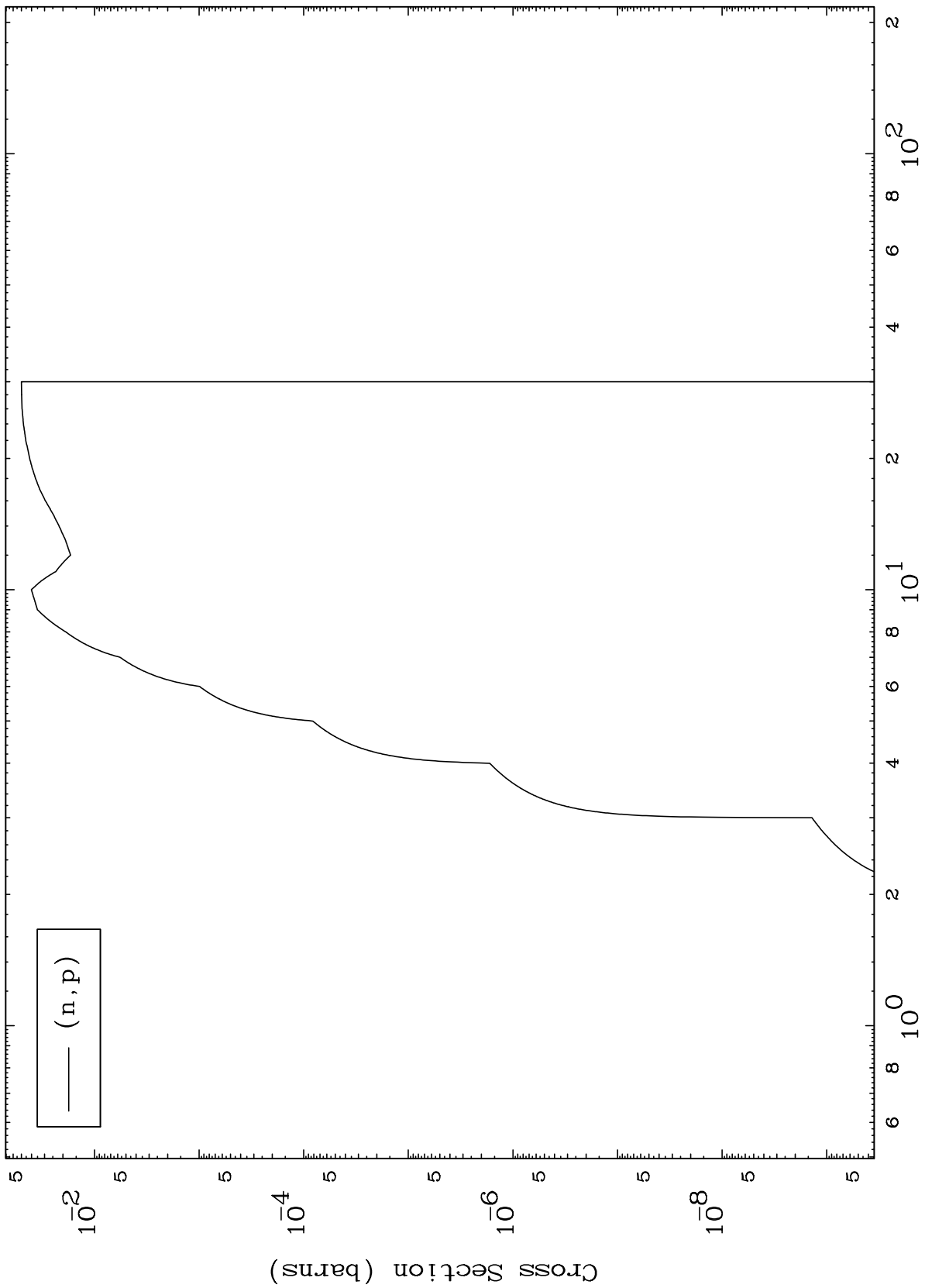




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70-Yb-156

(p,p) Levels
0 Kelvin Cross Sections



70-Yb-156

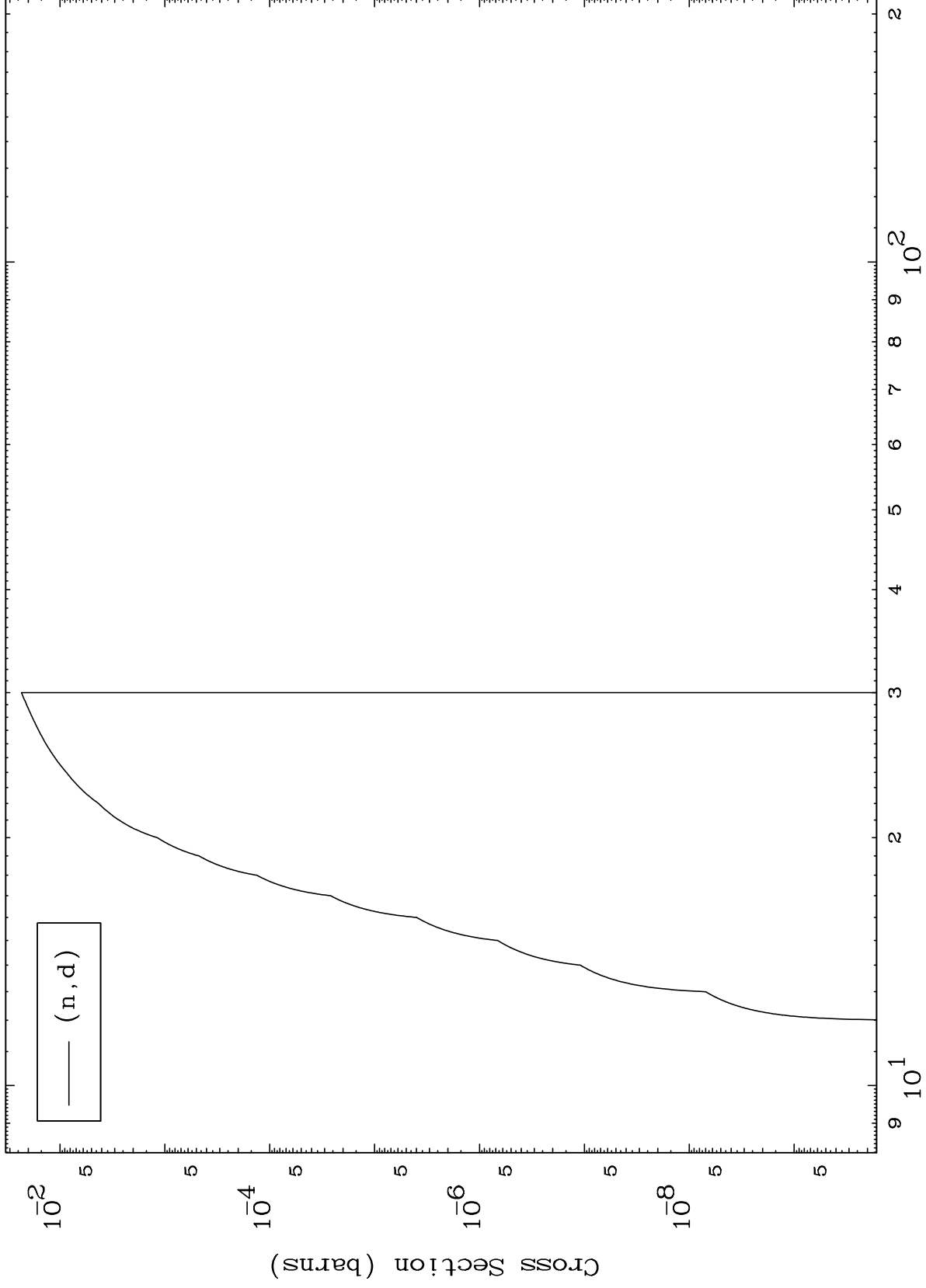
Incident Energy (MeV)

7

MAT 6989

(p,d) Levels
0 Kelvin Cross Sections

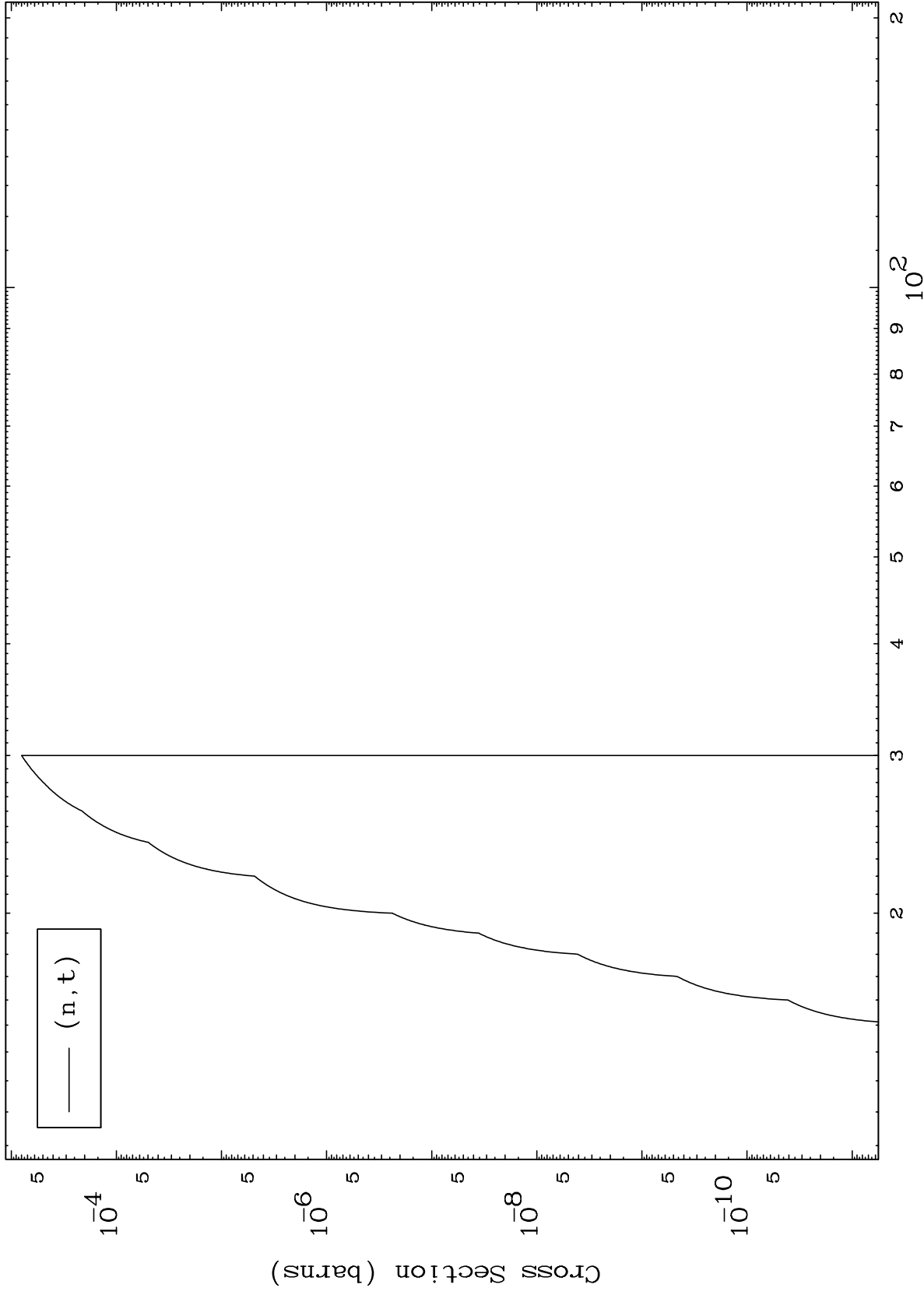
70-Yb-156



8

Incident Energy (MeV)

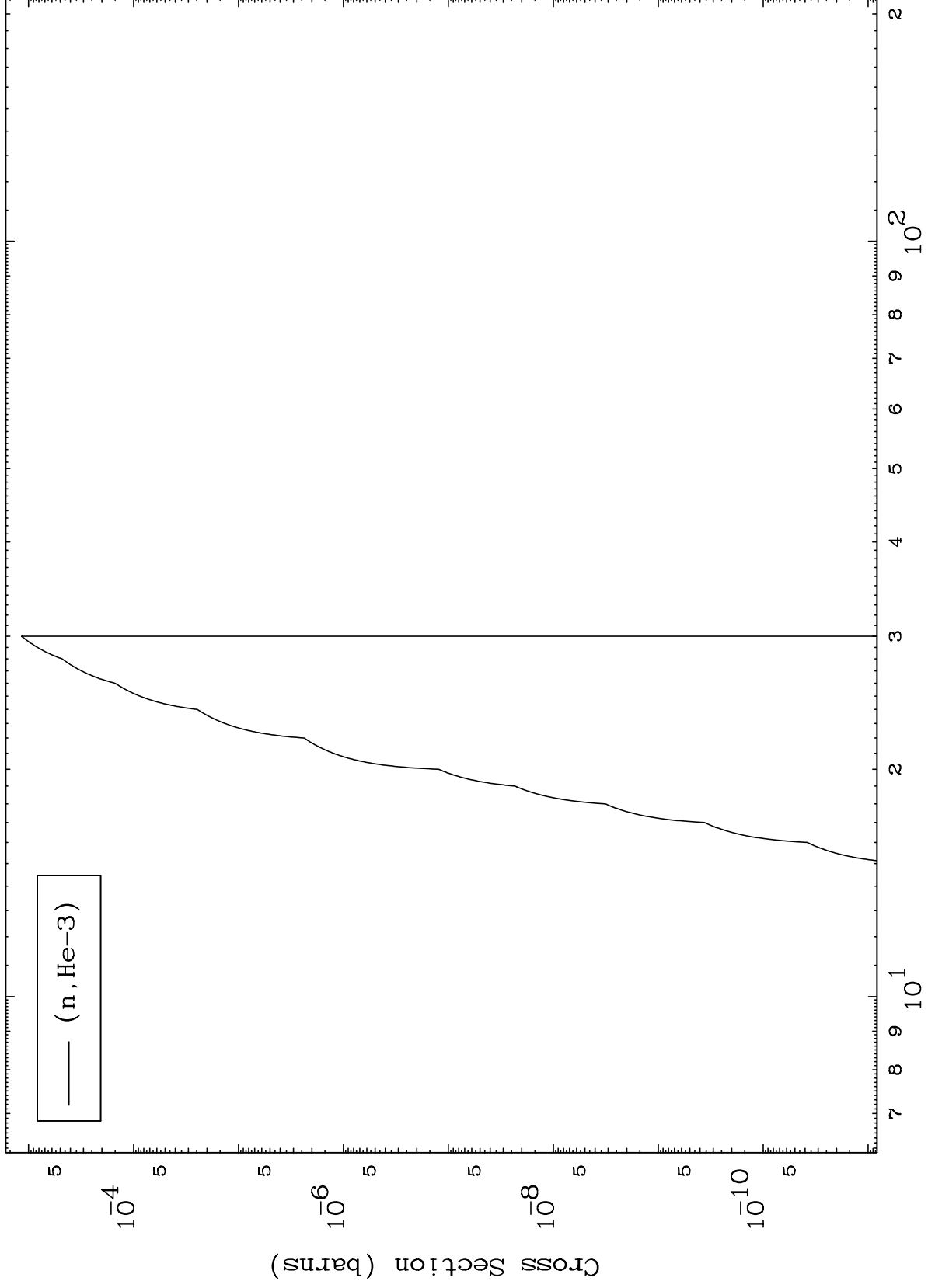
70-Yb-156



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(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-156



10

Incident Energy (MeV)

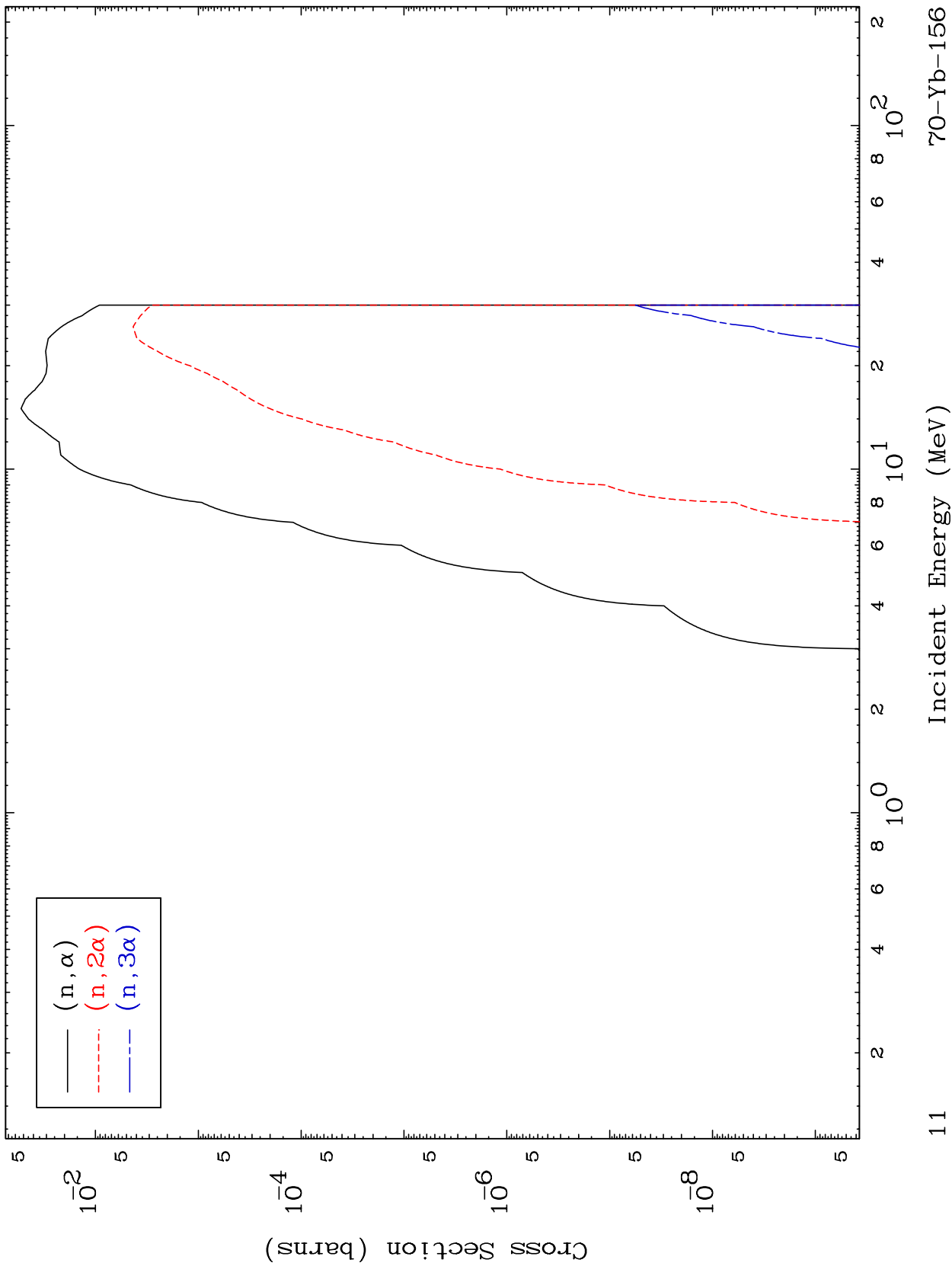
70-Yb-156

MAT 6989

(p, α) Levels

70-Yb-156

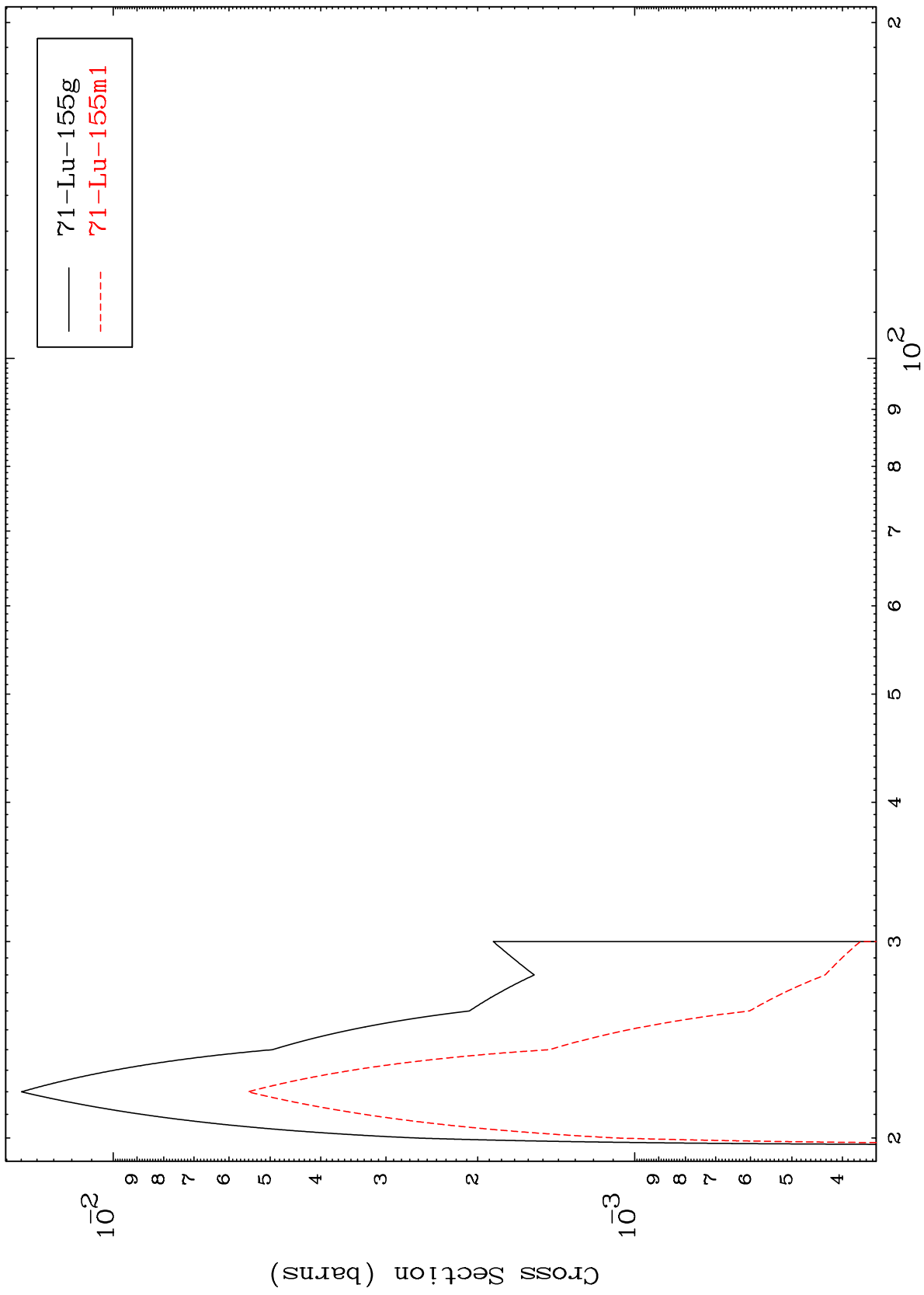
0 Kelvin Cross Sections



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70-Yb-156

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

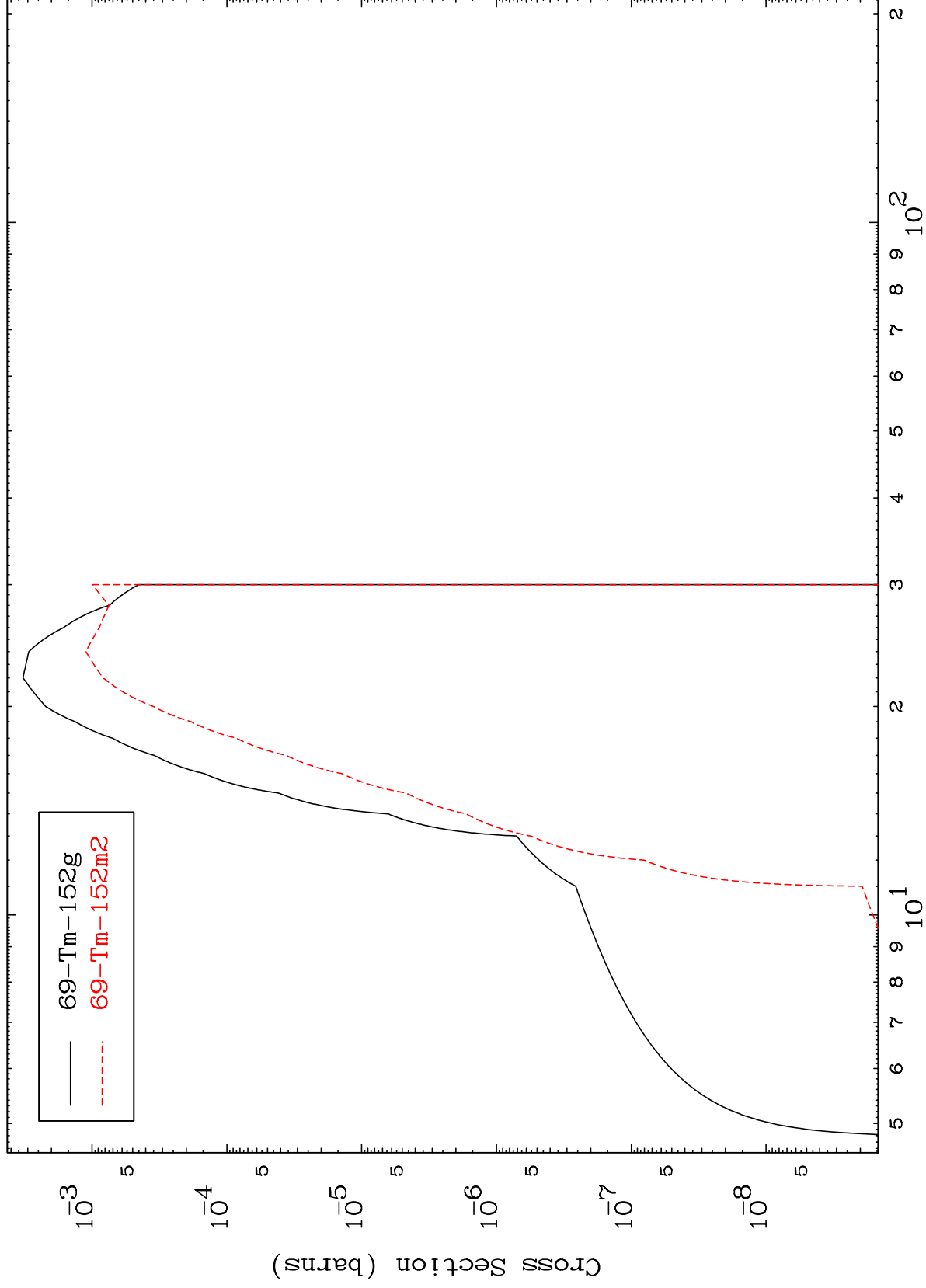
70-Yb-156

MAT 6989

$(n, n') \alpha$

70-Yb-156

Radionuclide Production Cross Section



13

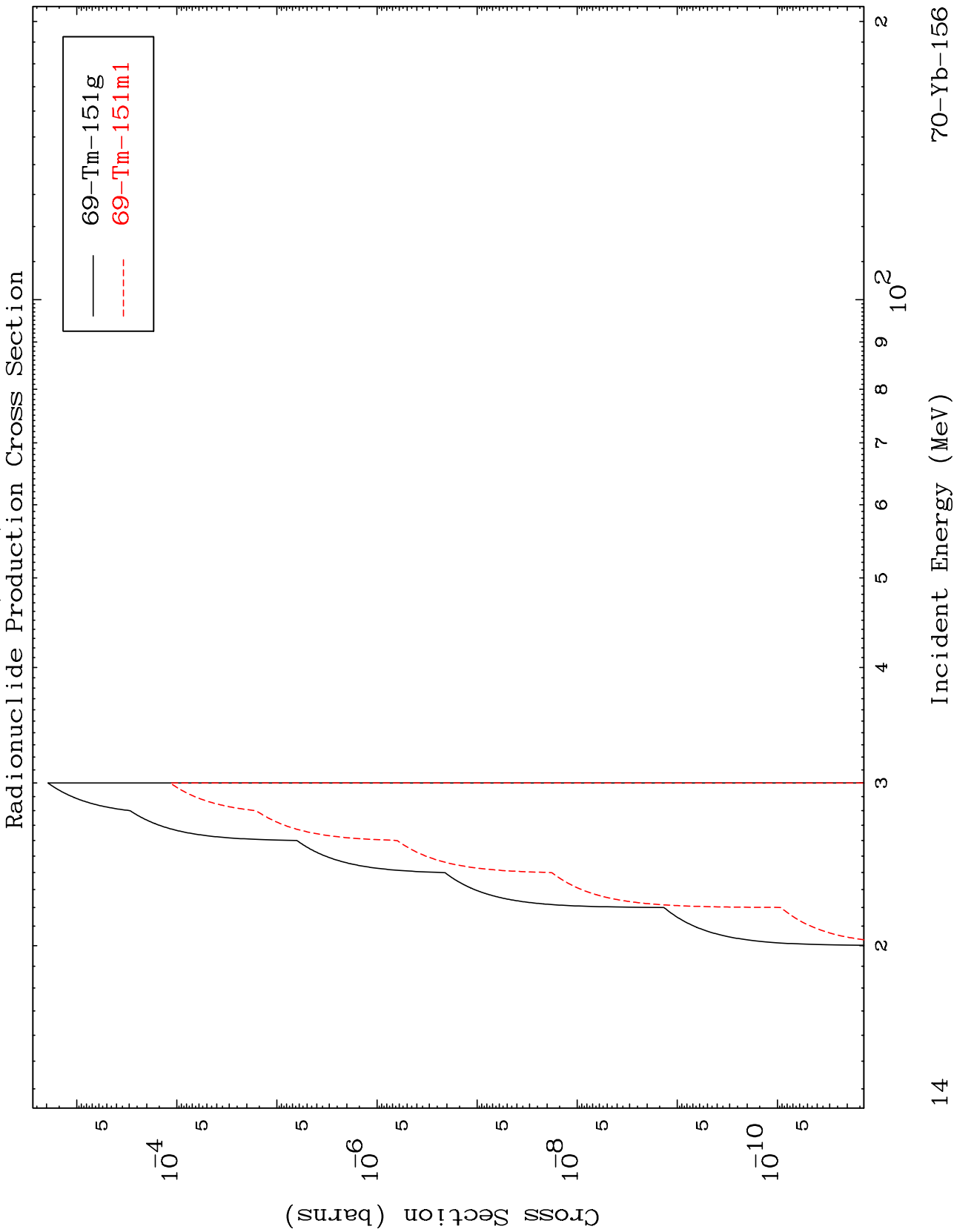
Incident Energy (MeV)

70-Yb-156

MAT 6989

$(n,2n) \alpha$

70-Yb-156



14

Incident Energy (MeV)

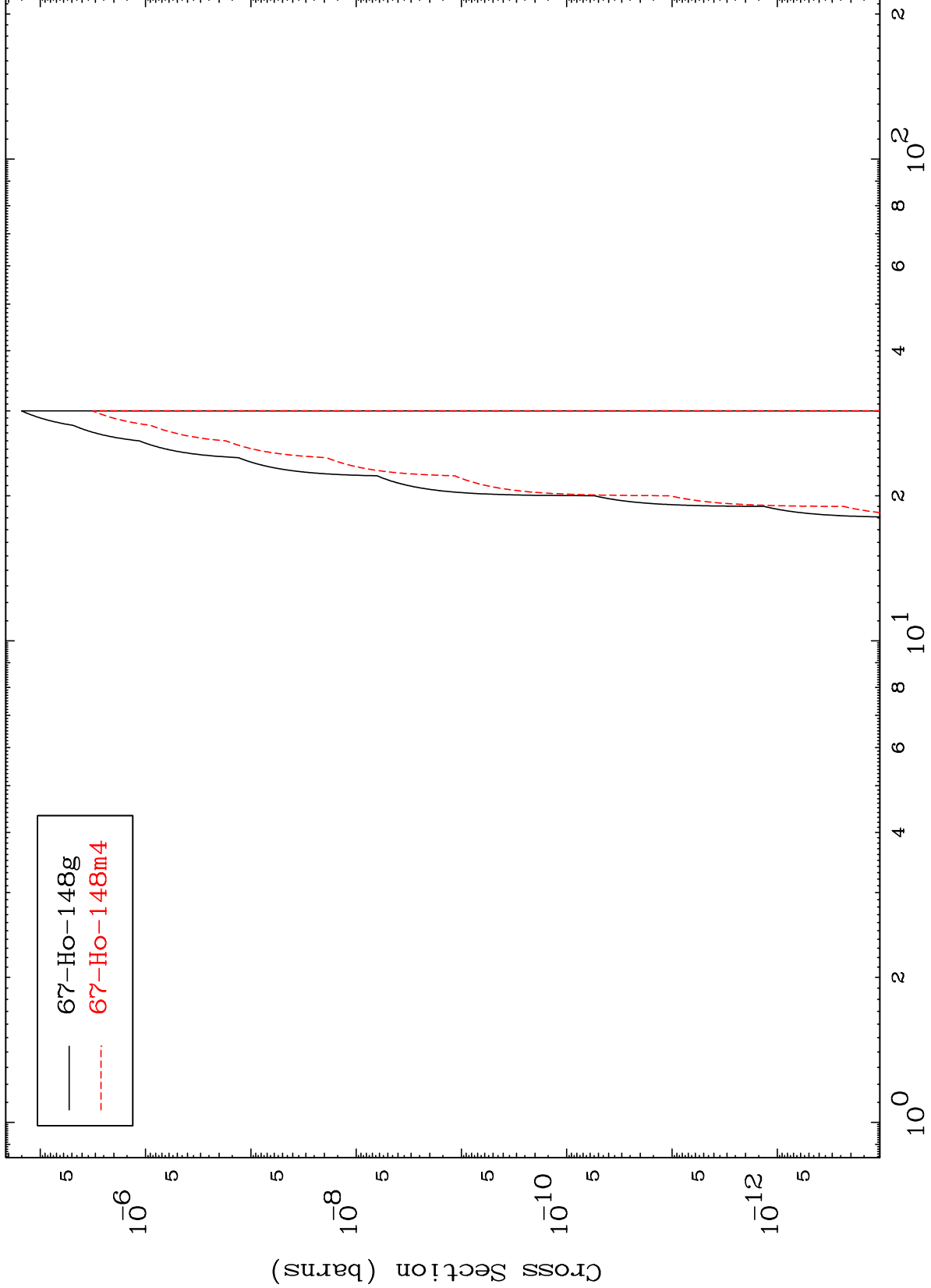
70-Yb-156

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(n,n') 2α

70-Yb-156

Radionuclide Production Cross Section



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

15

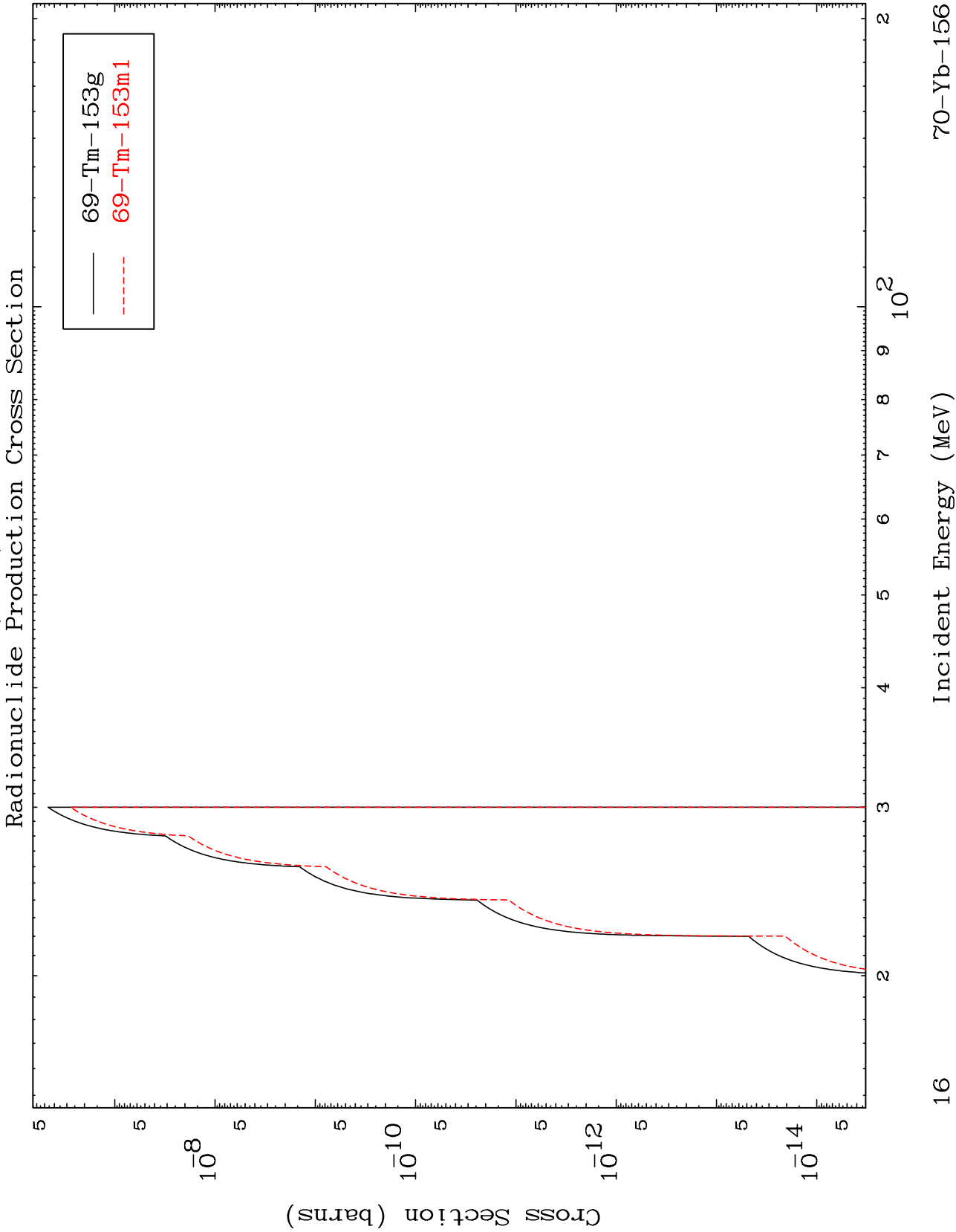
Incident Energy (MeV)

70-Yb-156

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(n,n') He-3

70-Yb-156



16

Incident Energy (MeV)

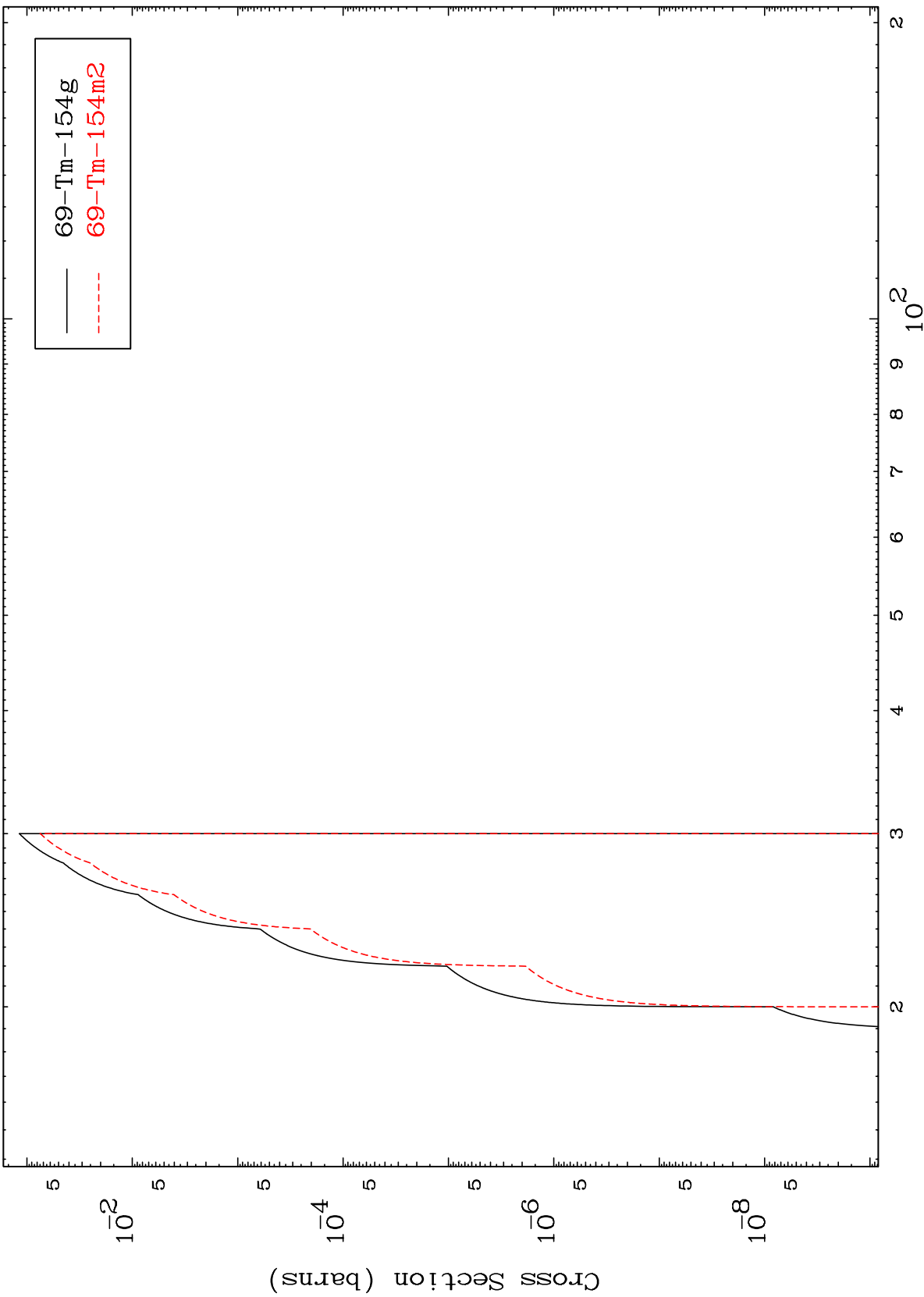
70-Yb-156

MAT 6989

(n,2n) p

70-Yb-156

Radionuclide Production Cross Section



17

Incident Energy (MeV)

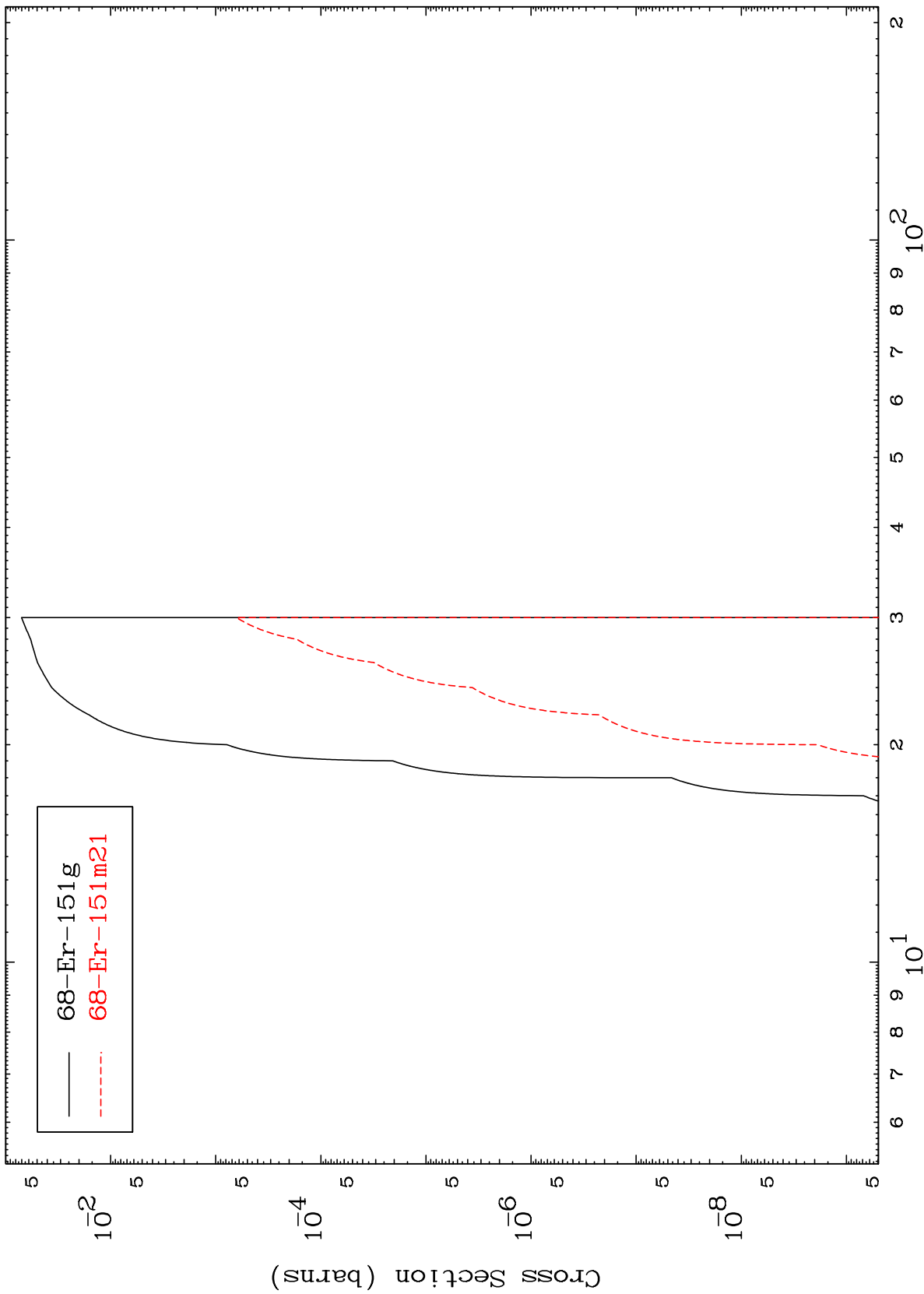
70-Yb-156

MAT 6989

(n,n') p α

70-Yb-156

Radionuclide Production Cross Section



18

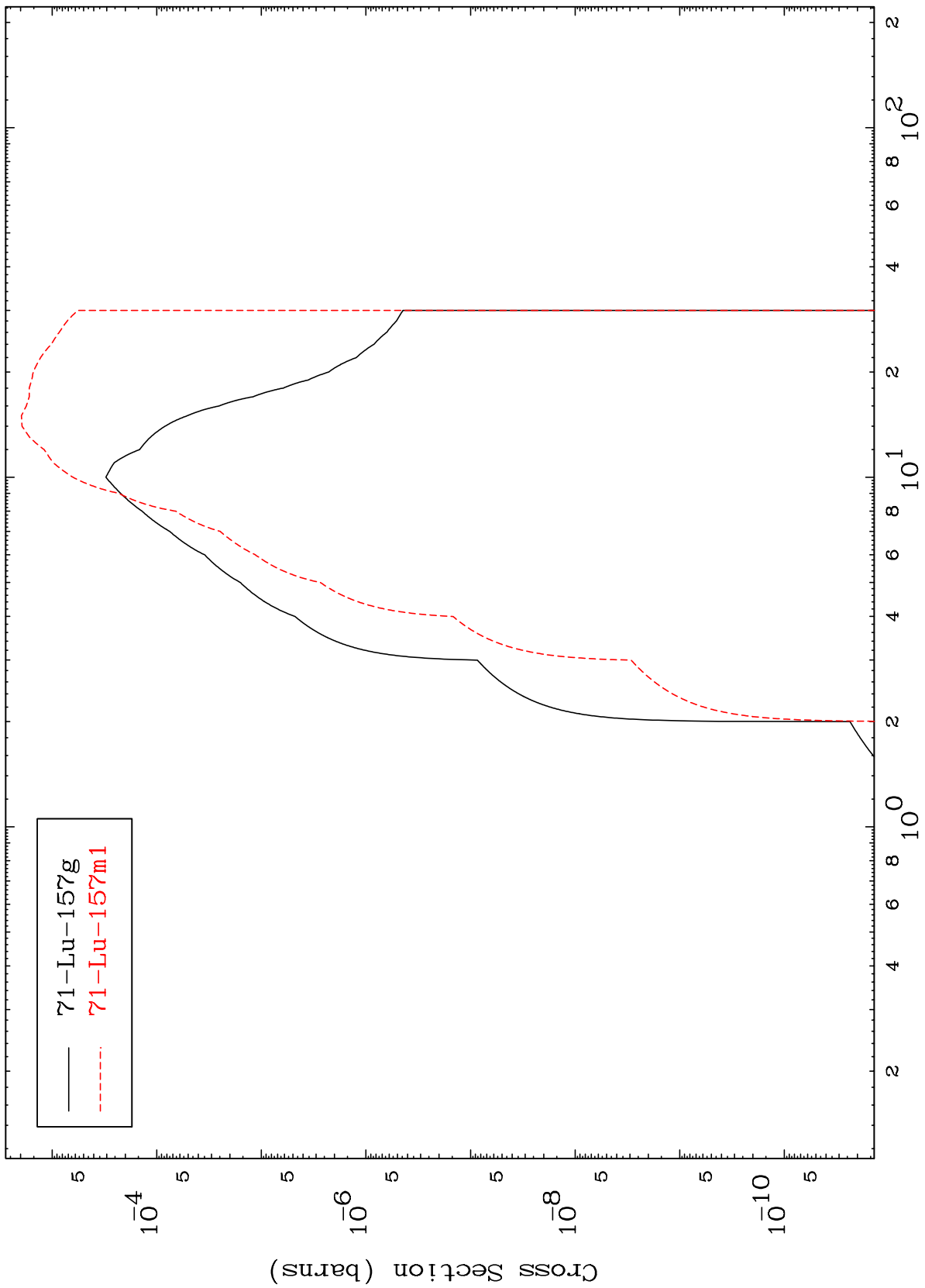
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(n, γ)
Radionuclide Production Cross Section

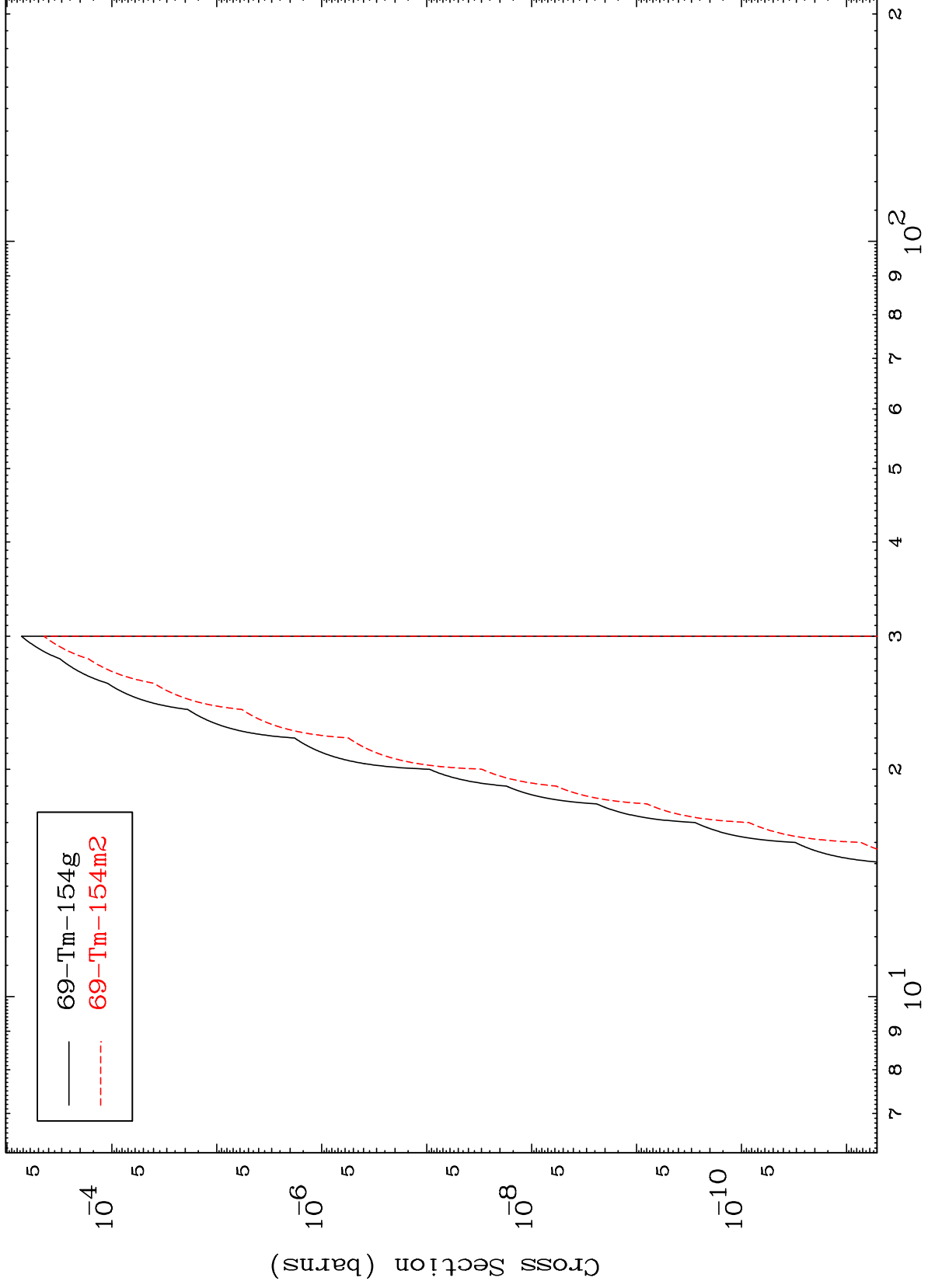


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(n,He-3)

70-Yb-156

Radionuclide Production Cross Section



20

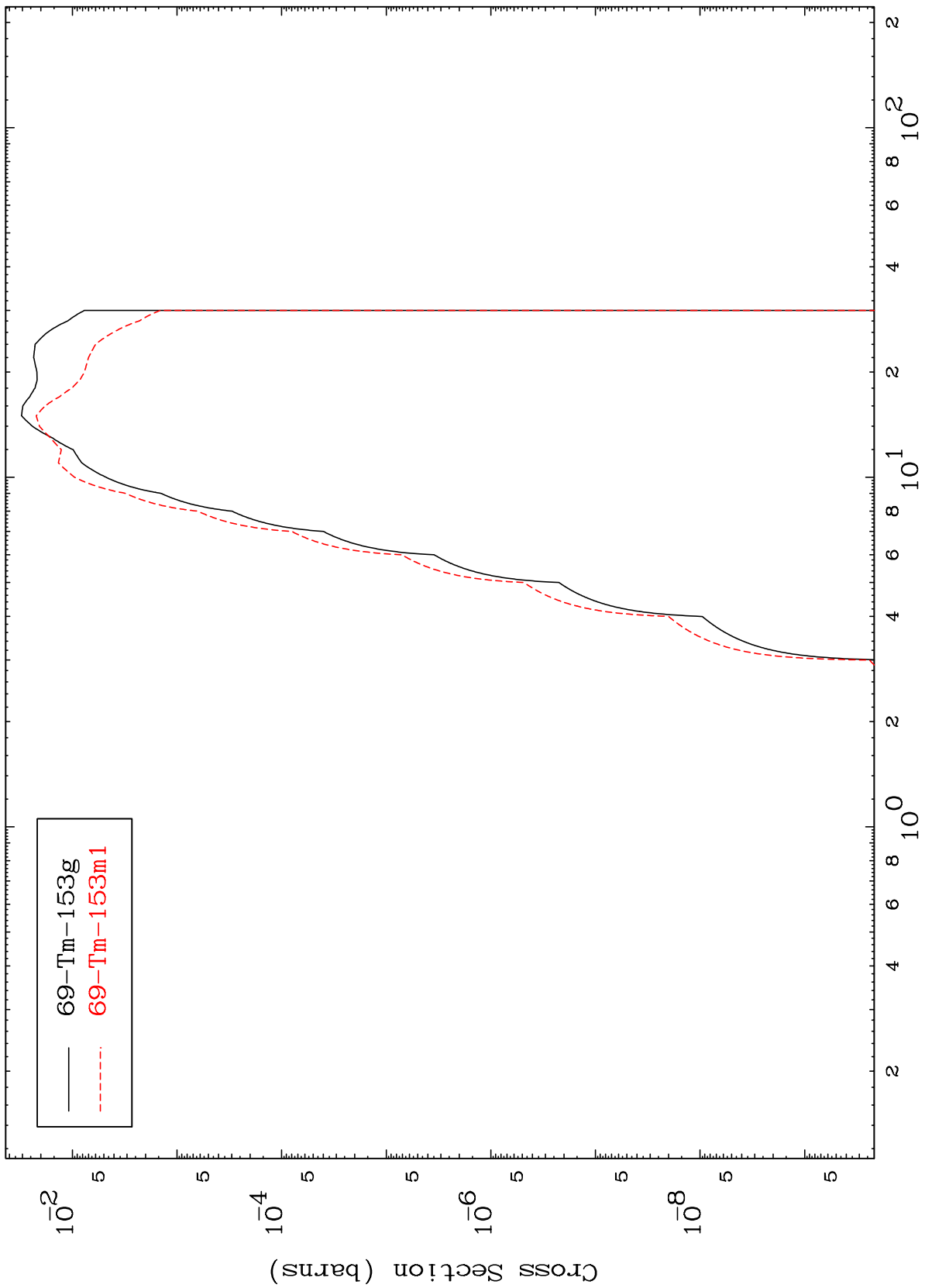
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(n, α)
Radionuclide Production Cross Section

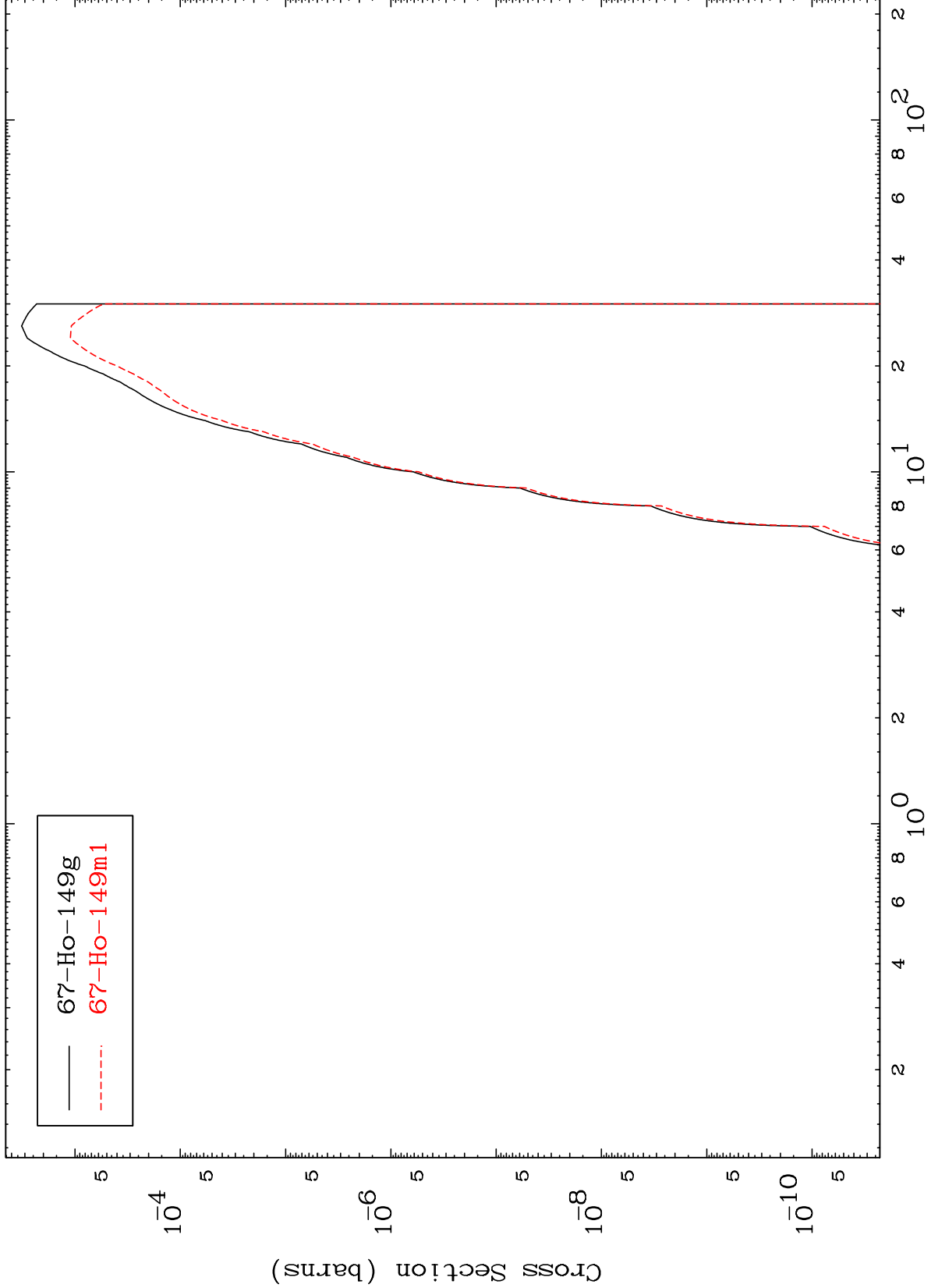
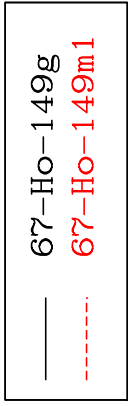


MAT 6989

(n,2α)

70-Yb-156

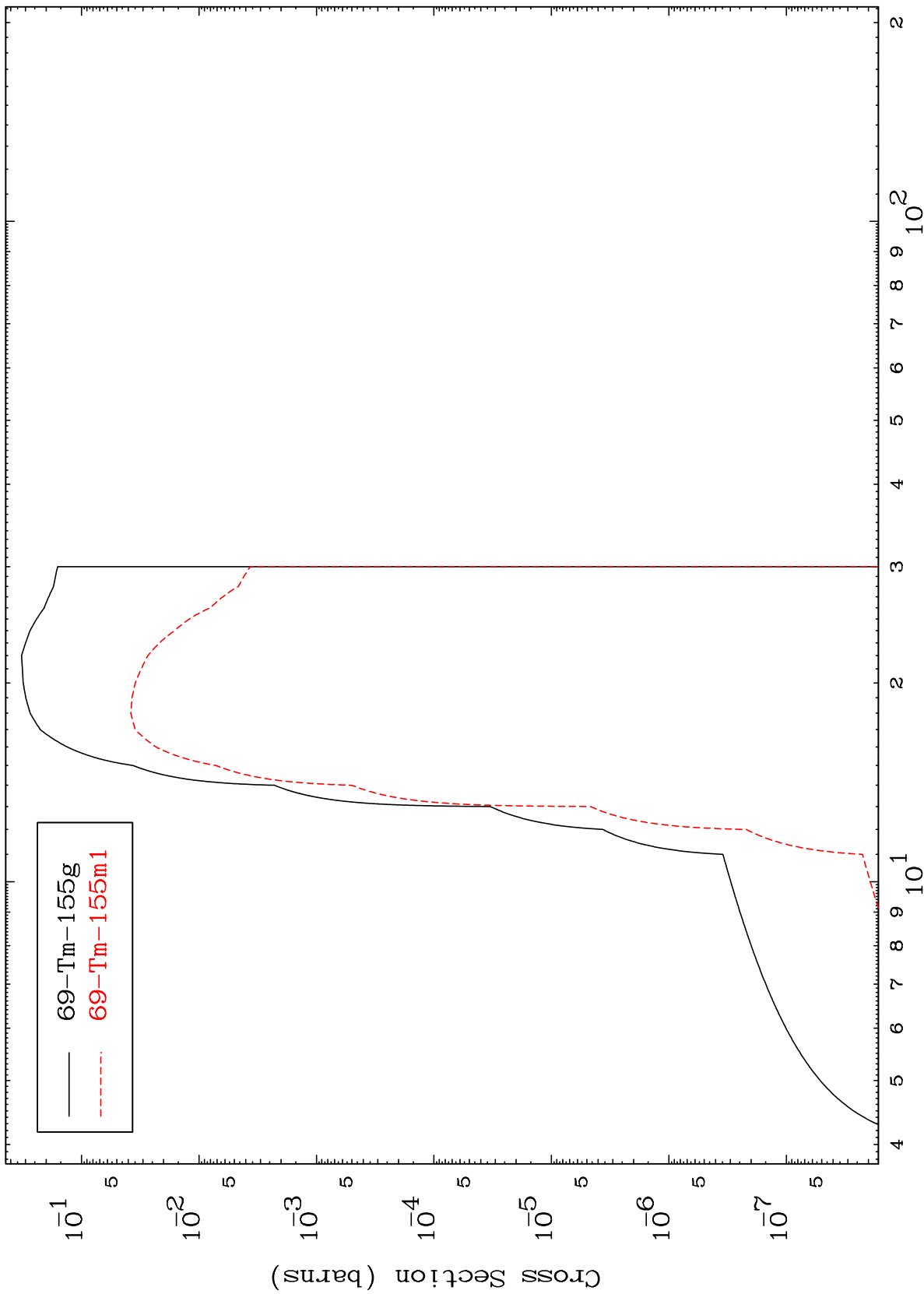
Radionuclide Production Cross Section



MAT 6989

70-Yb-156

(n,2p)
Radionuclide Production Cross Section



— 69-Tm-155g
- - - 69-Tm-155m1

70-Yb-156

Incident Energy (MeV)

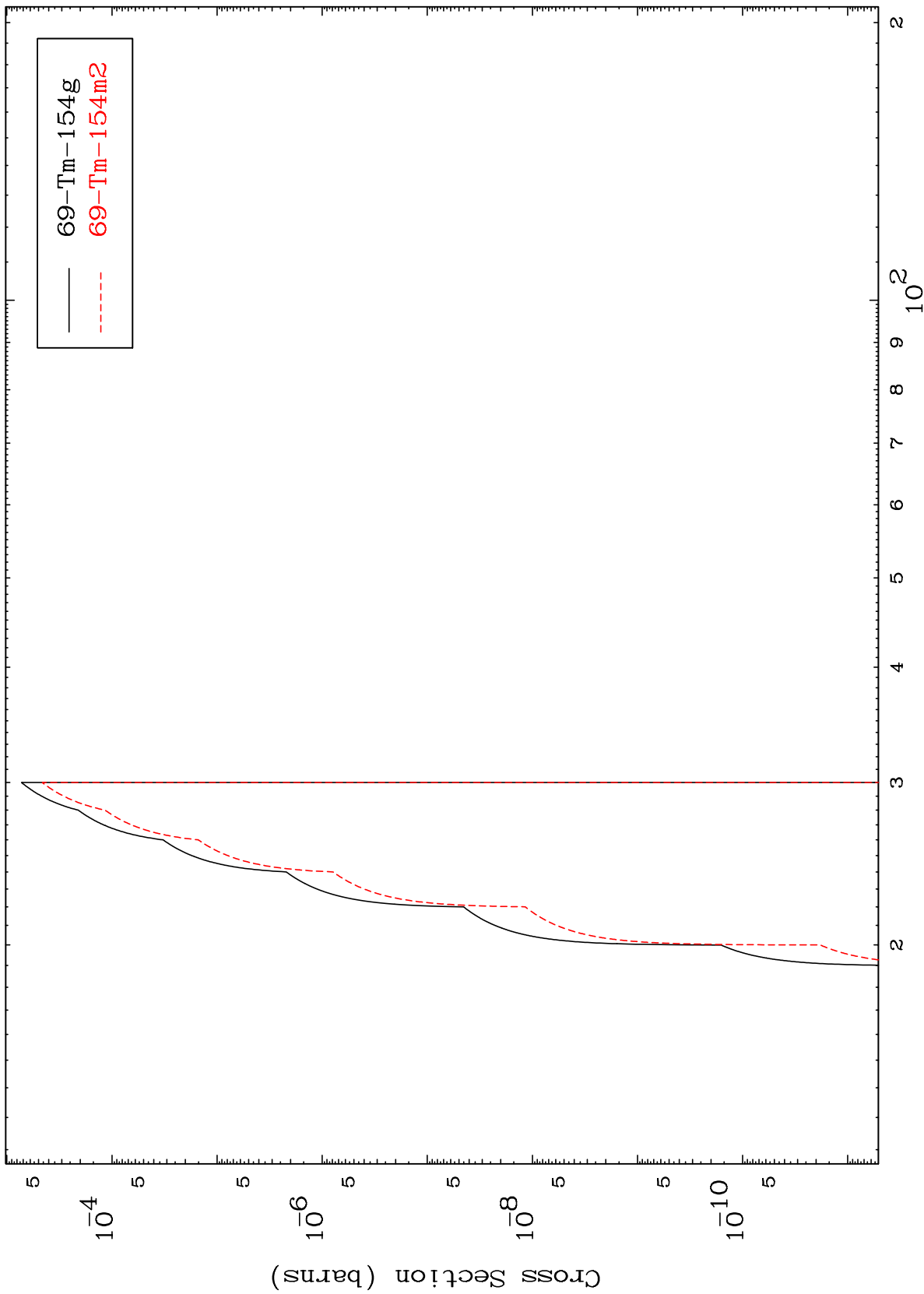
23

MAT 6989

(n,p) d

70-Yb-156

Radionuclide Production Cross Section



24

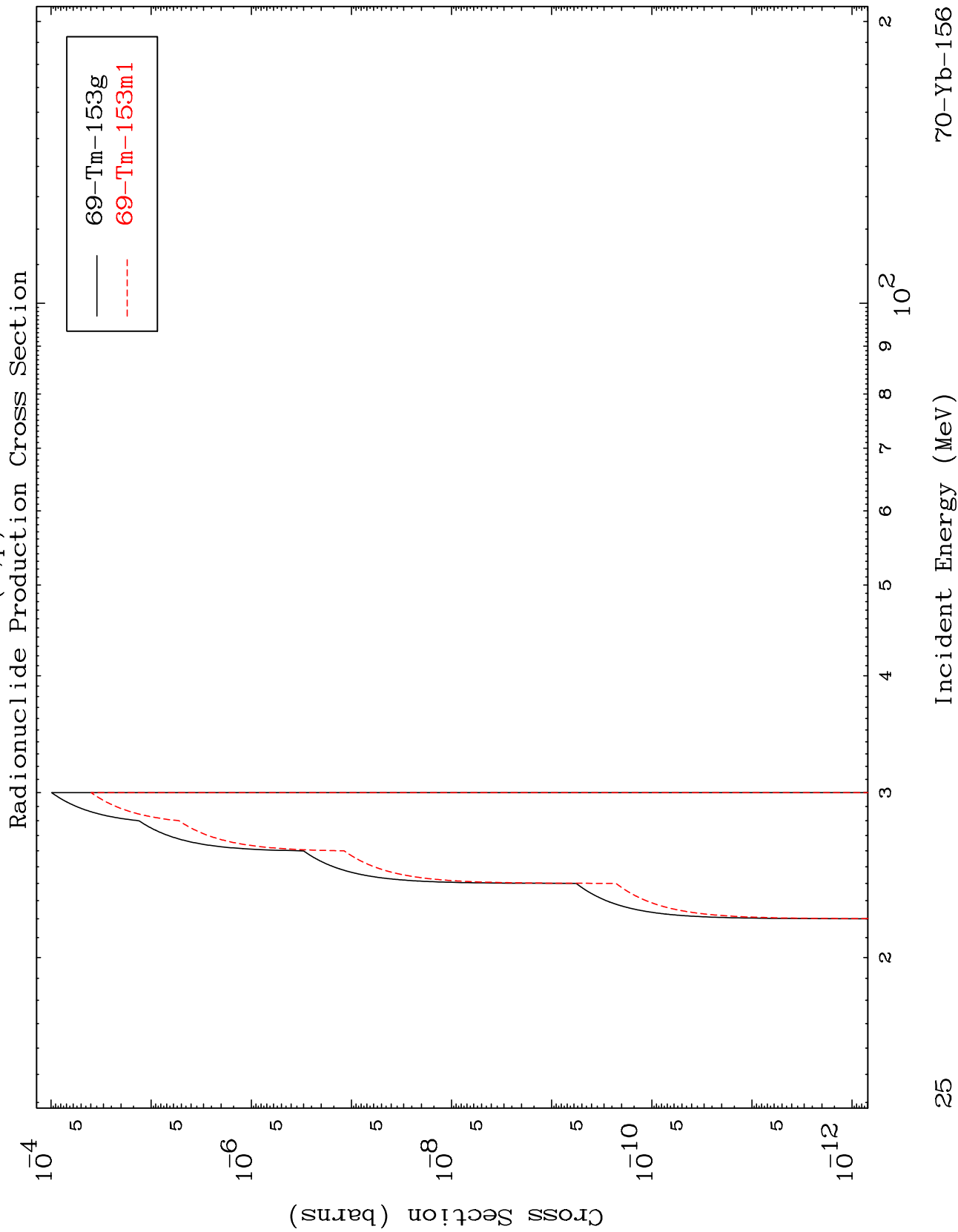
Incident Energy (MeV)

70-Yb-156

MAT 6989

(n,p) t

70-Yb-156



25

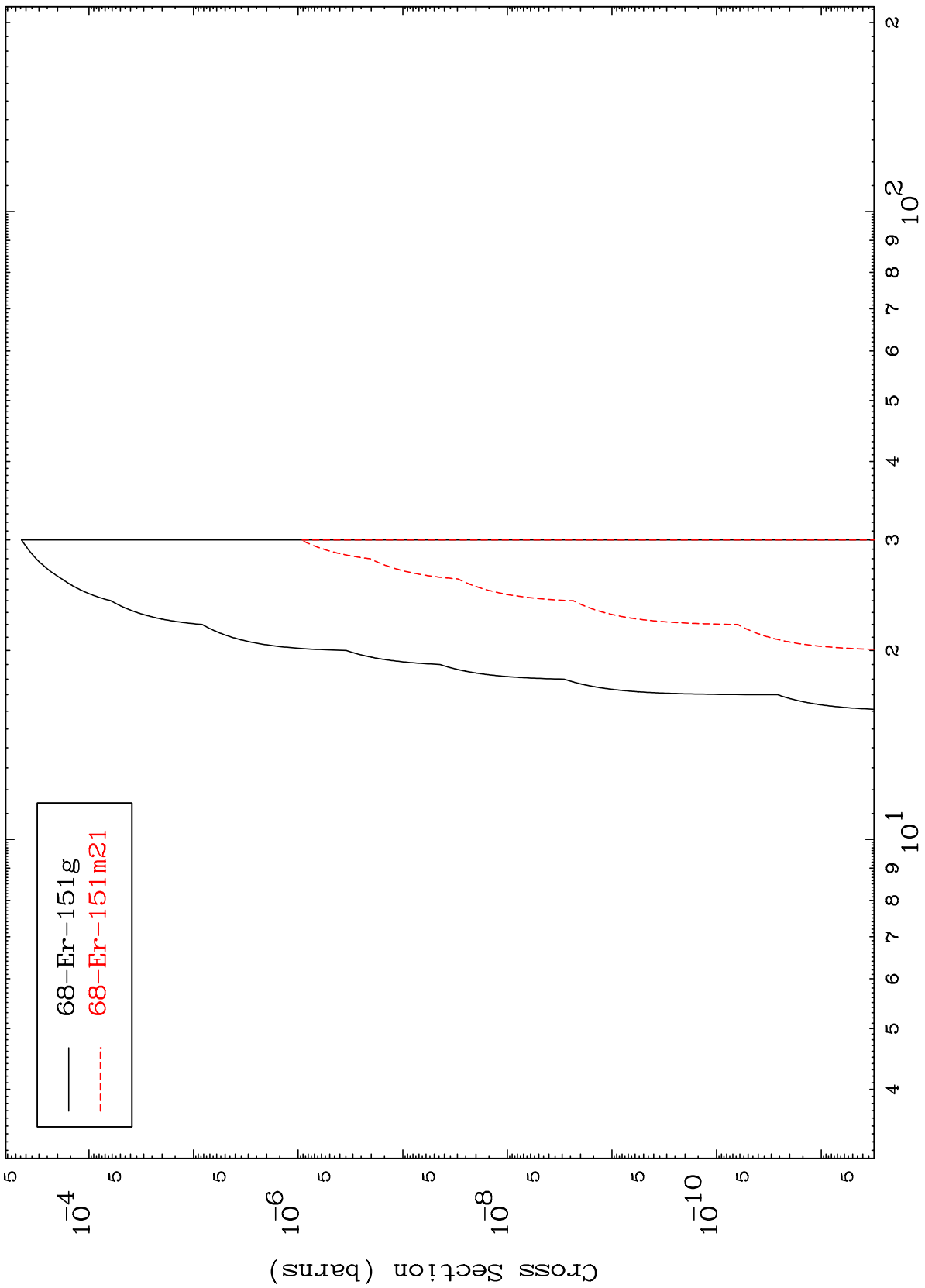
70-Yb-156

MAT 6989

(n,d) α

70-Yb-156

Radionuclide Production Cross Section



26

Incident Energy (MeV)

70-Yb-156