

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

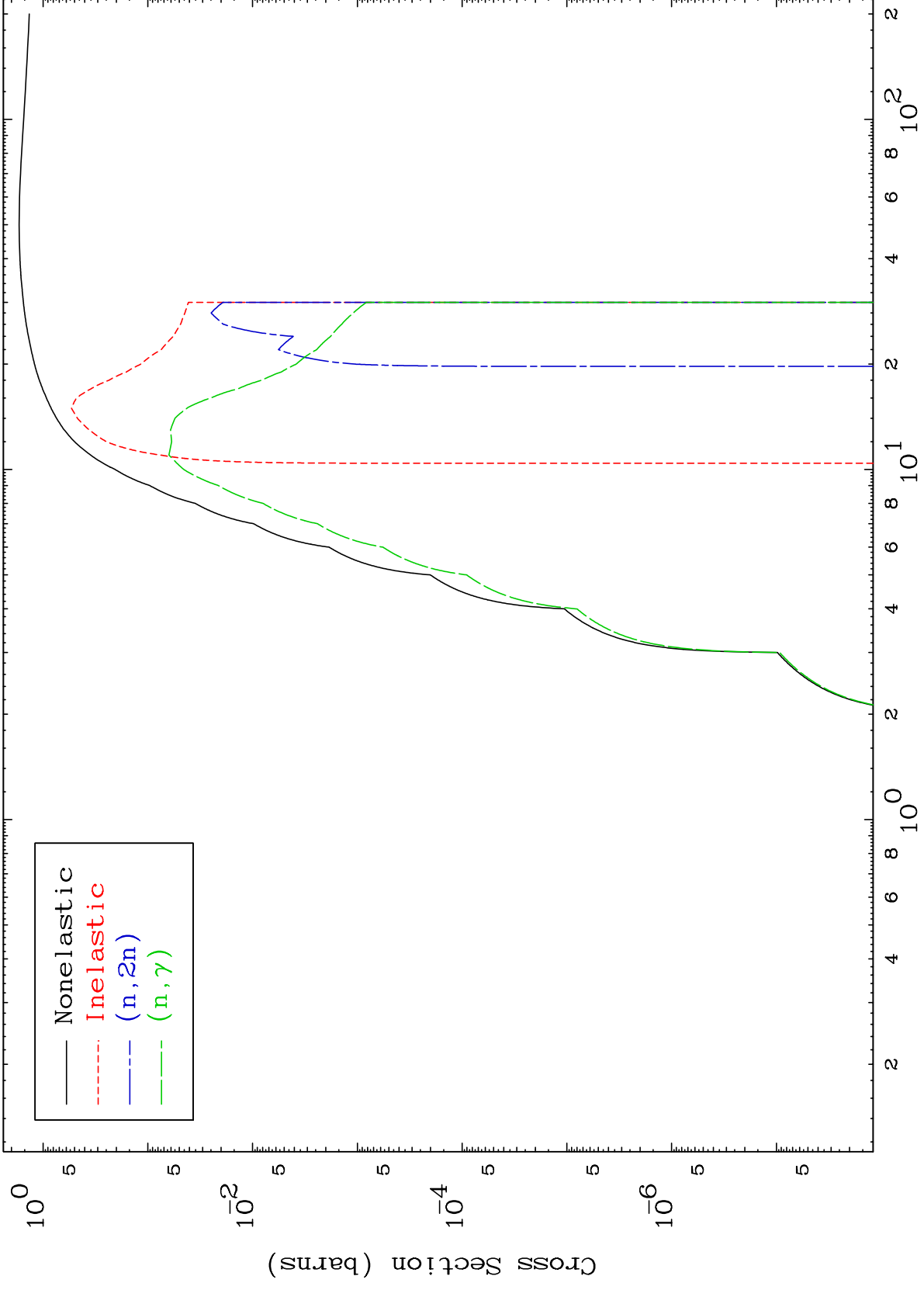
Press Mouse Button to Start

MAT 6989

Proton Major

70-Yb-156

0 Kelvin Cross Sections

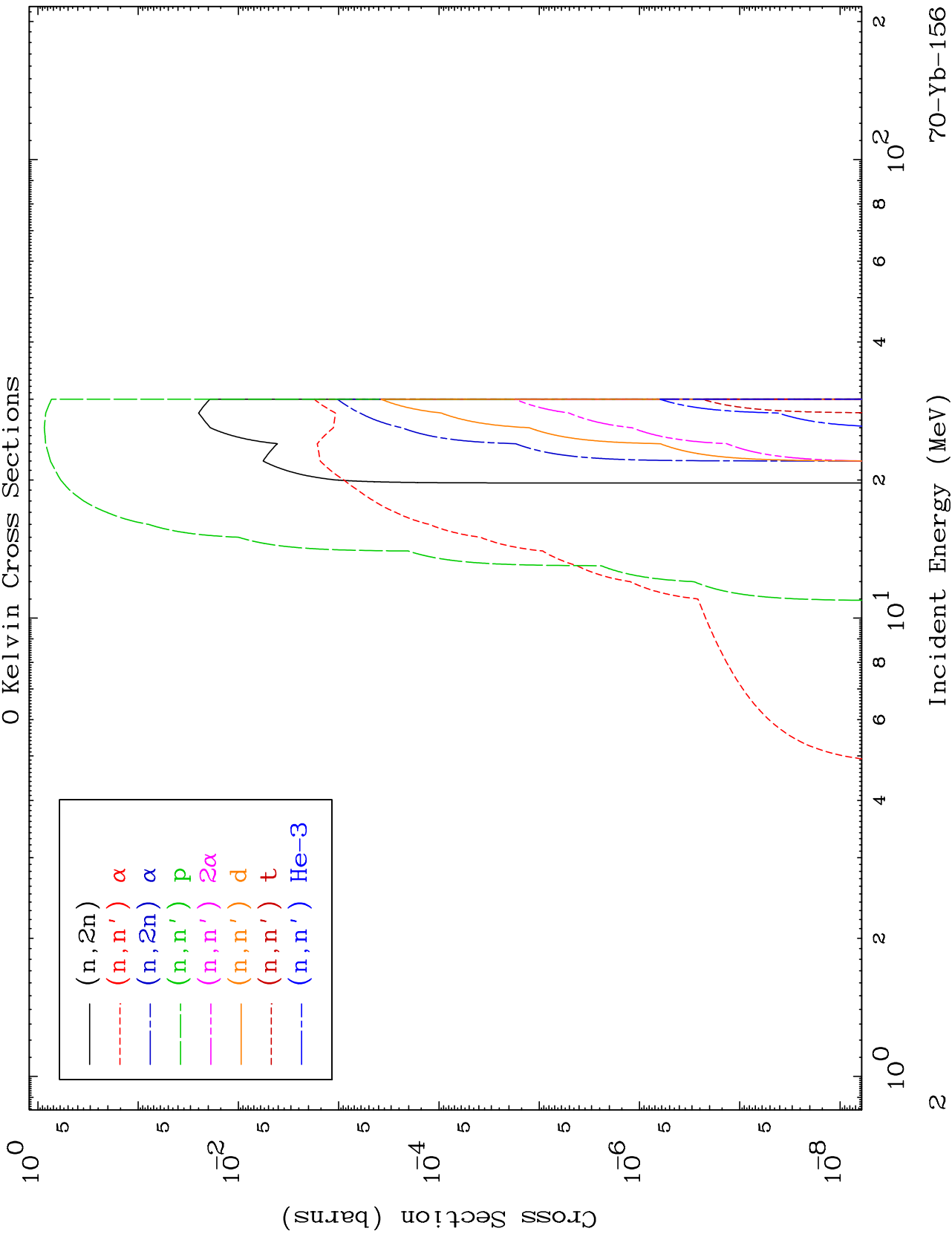


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 6989

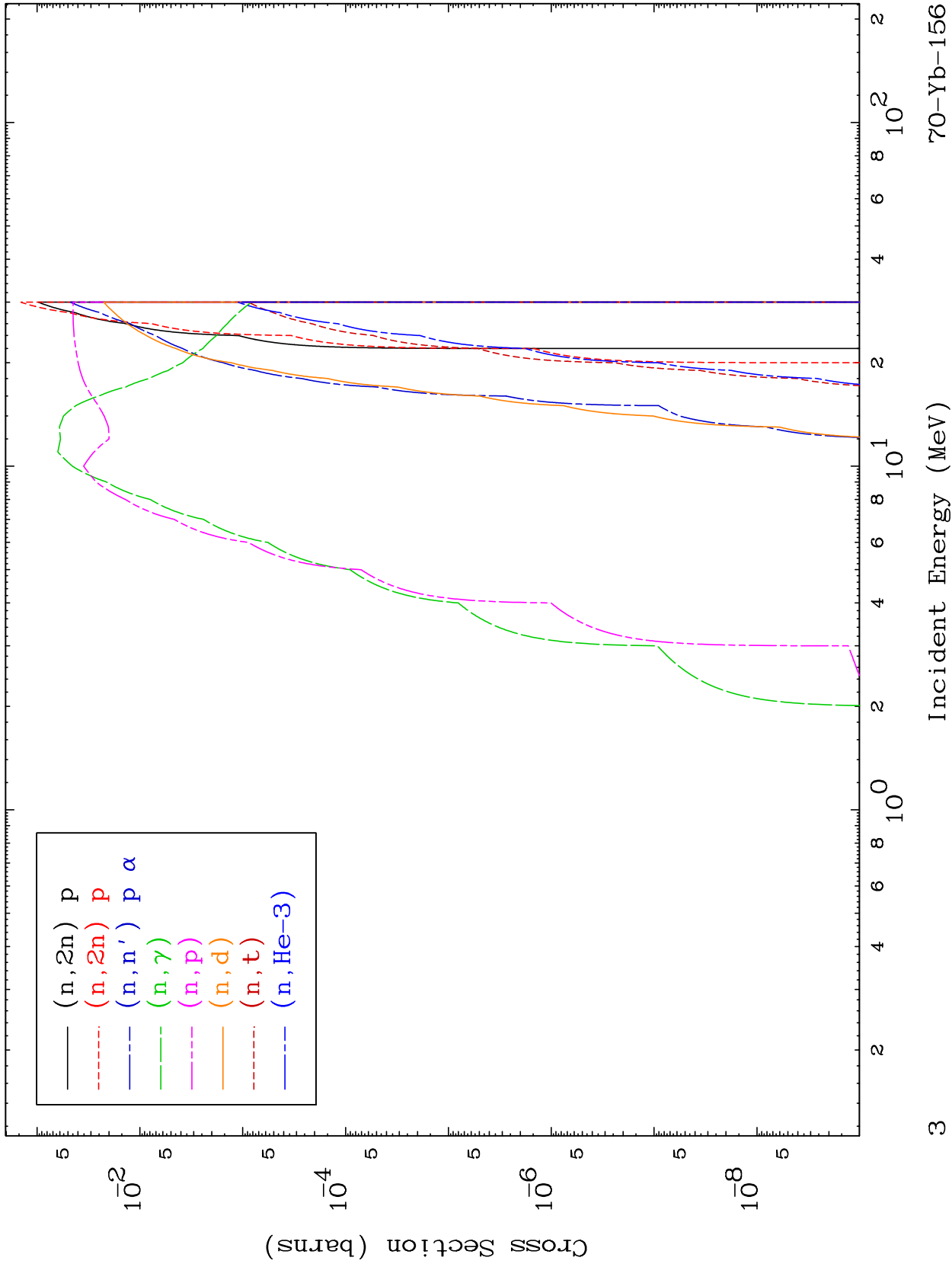
Proton Neutron Absorption
0 Kelvin Cross Sections

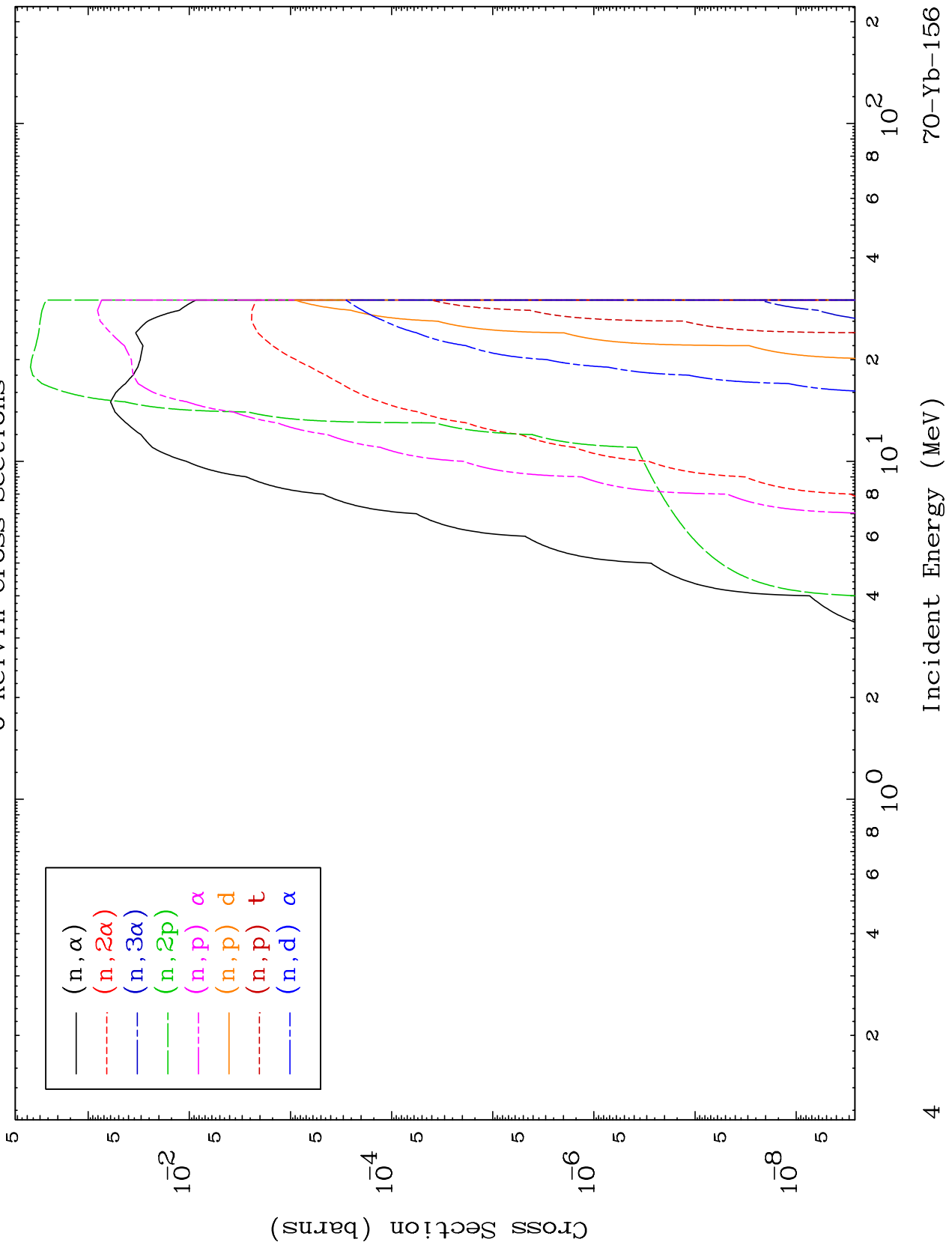
70-Yb-156



70-Yb-156

Incident Energy (MeV)

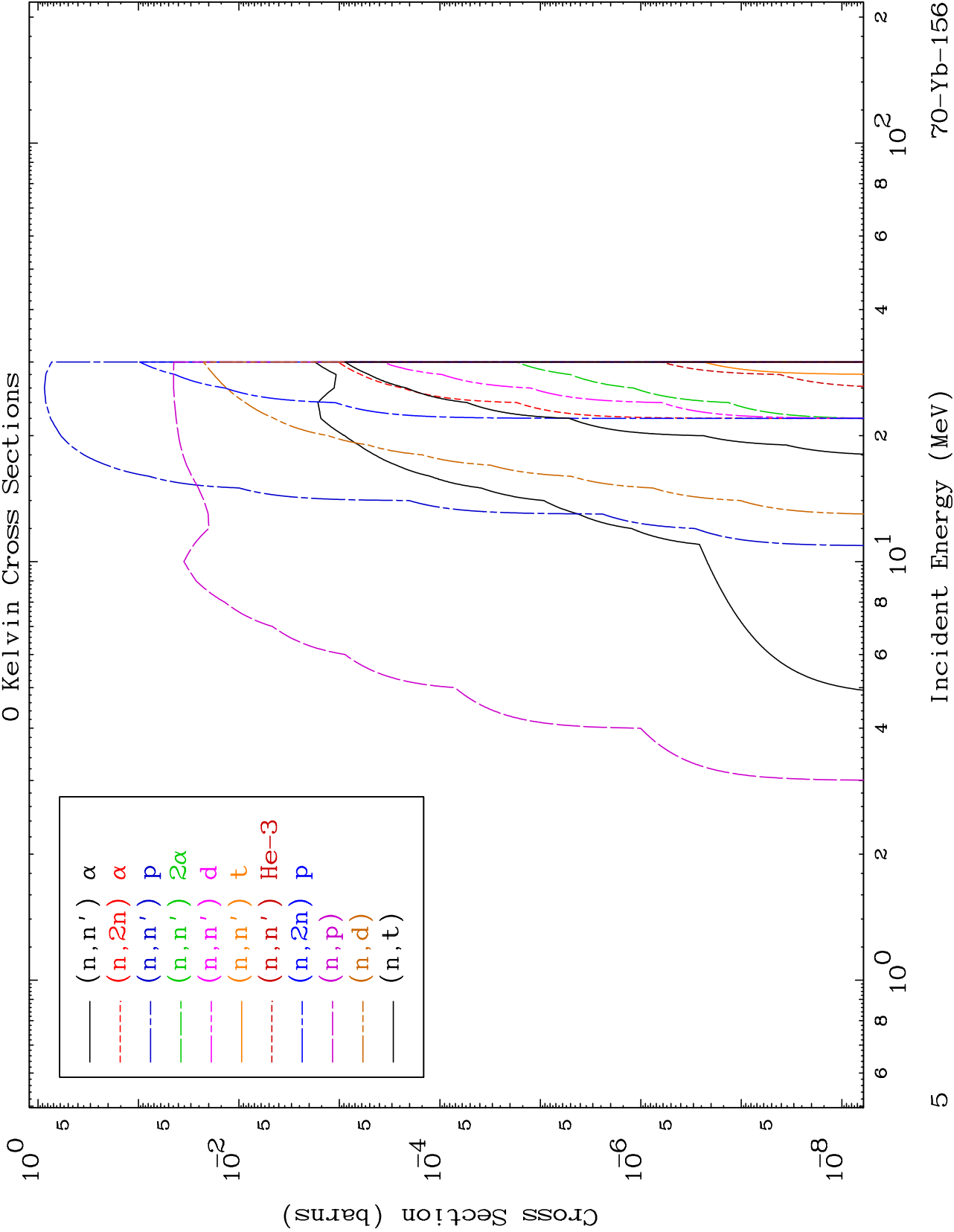


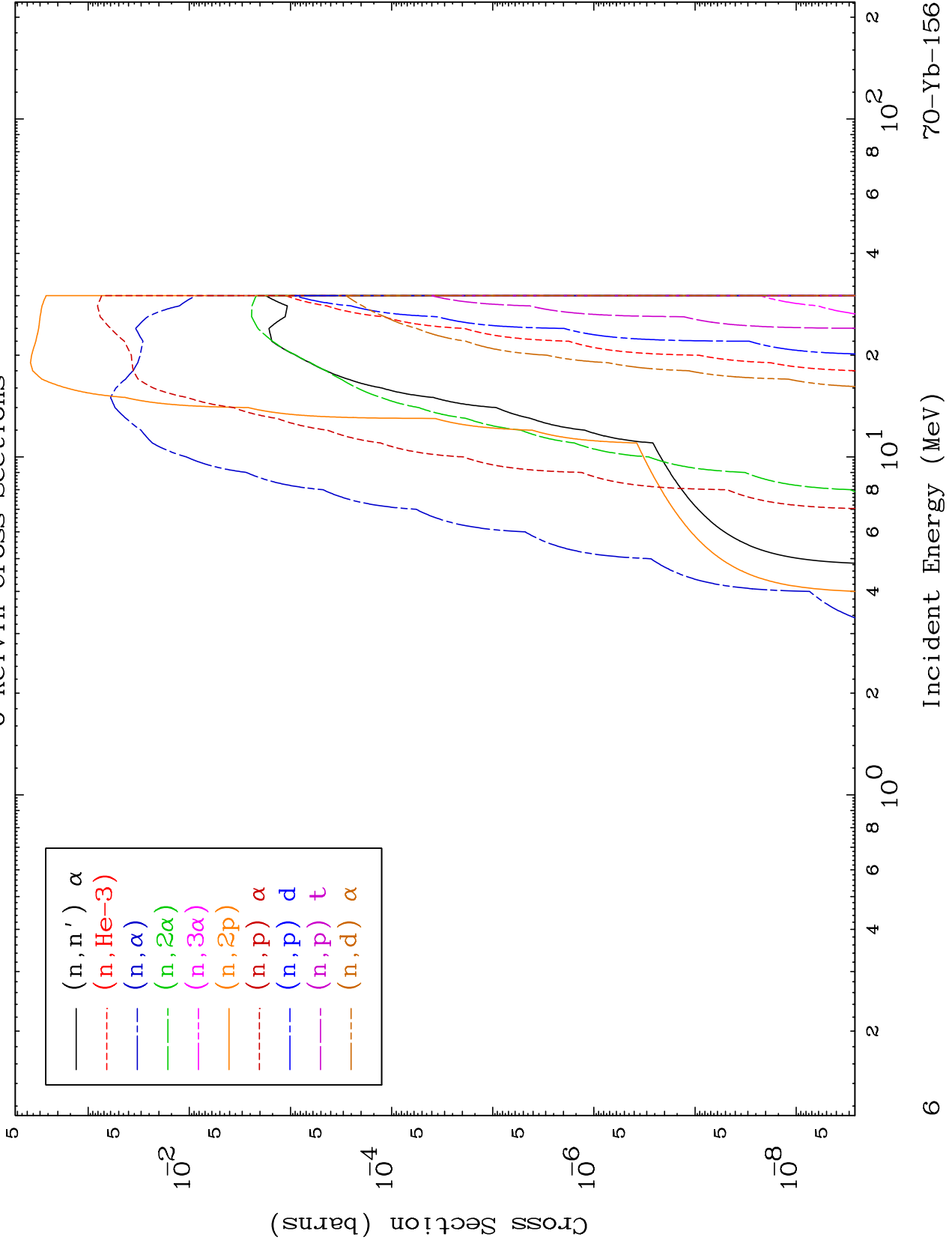


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Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-156



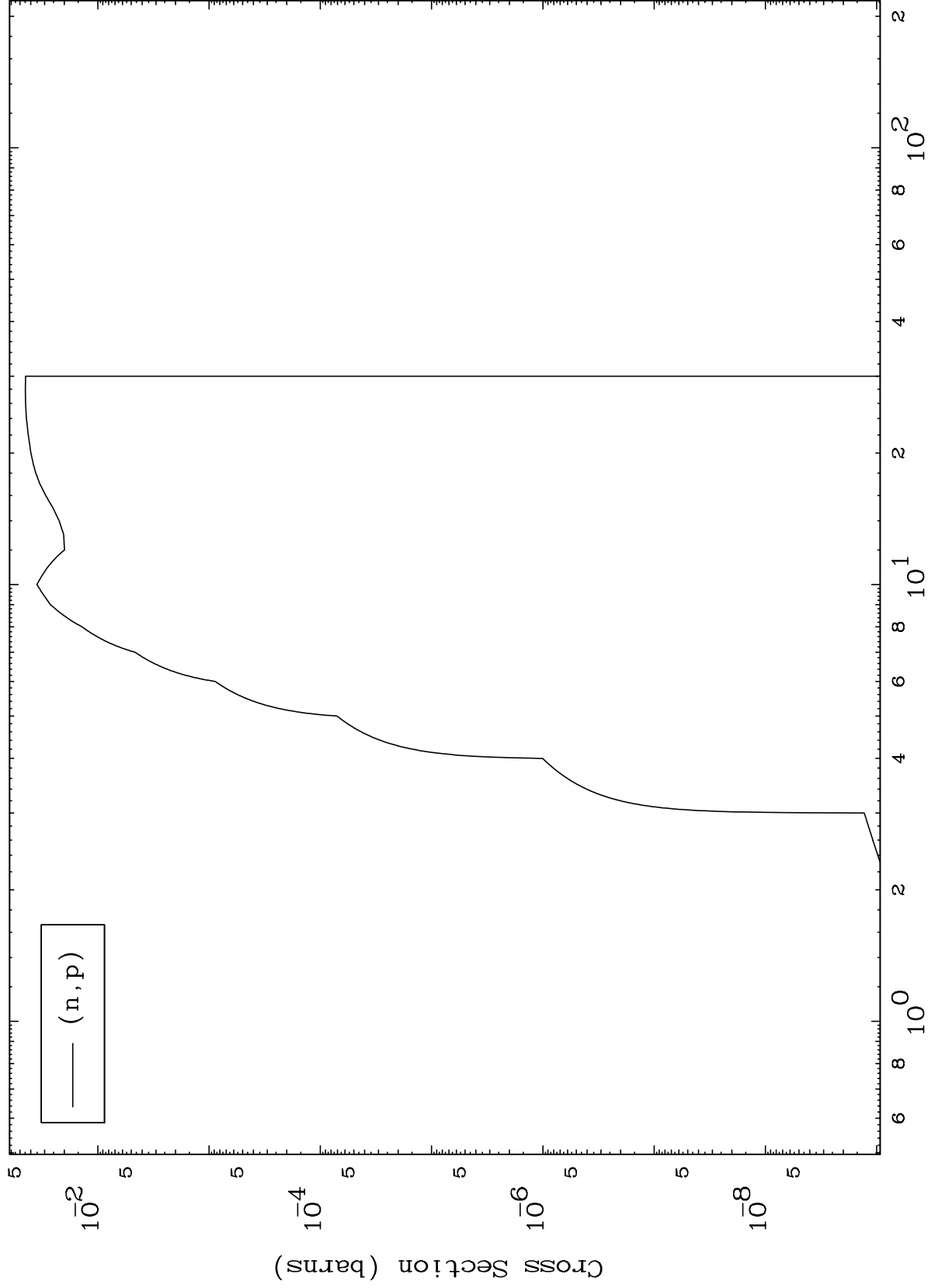


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(p,p) Levels

70-Yb-156

0 Kelvin Cross Sections



7

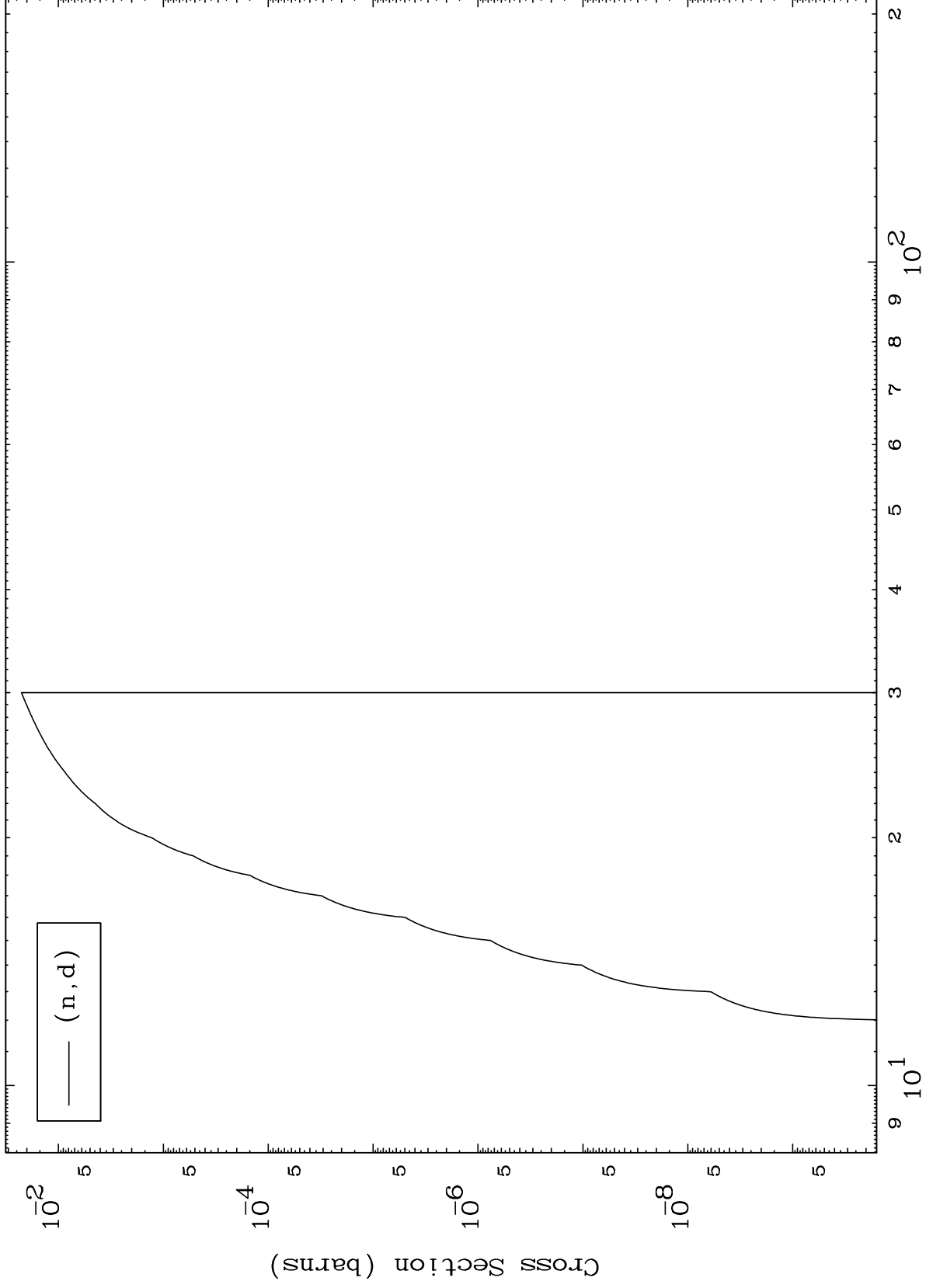
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-156



8

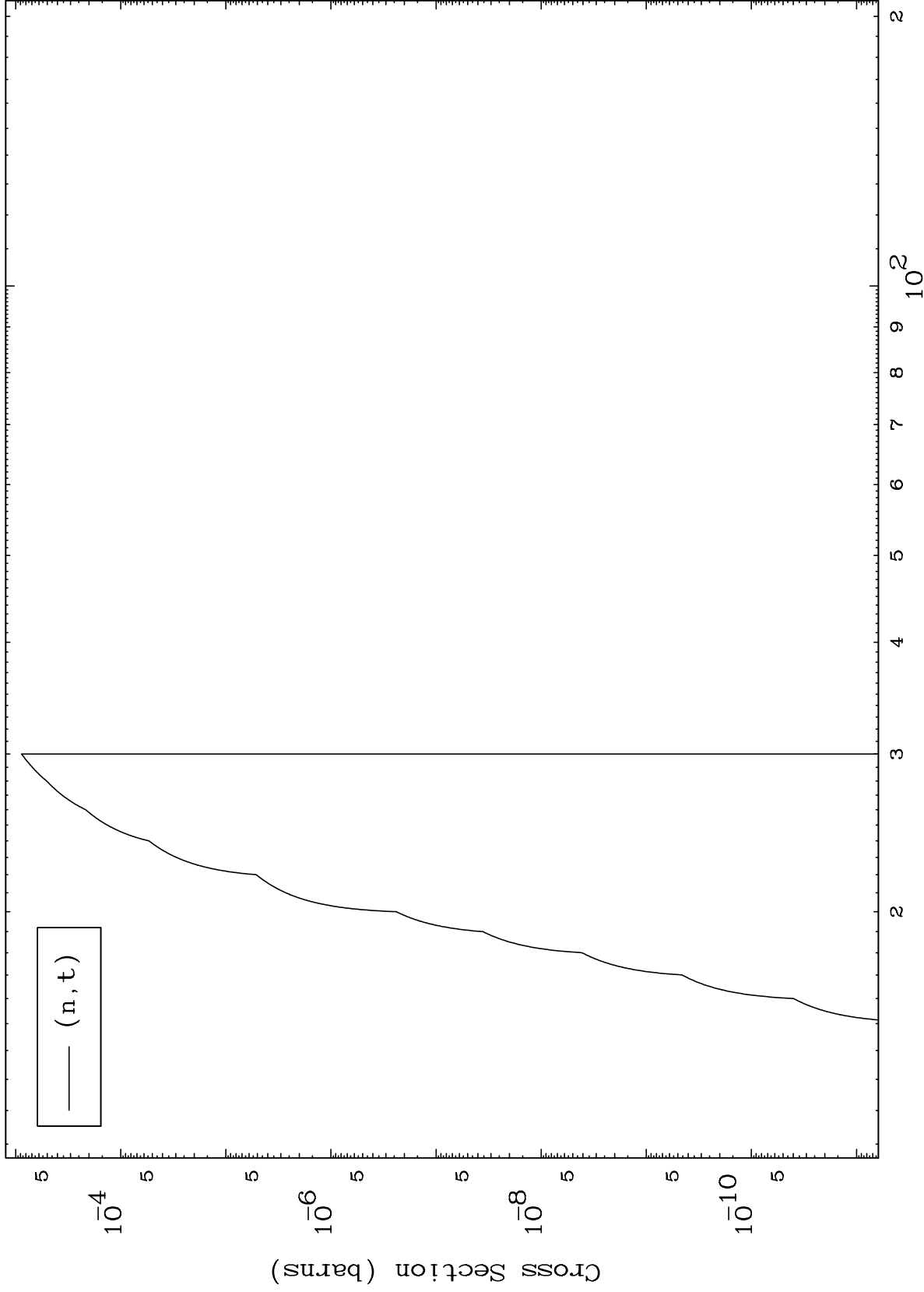
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,t) Levels
0 Kelvin Cross Sections

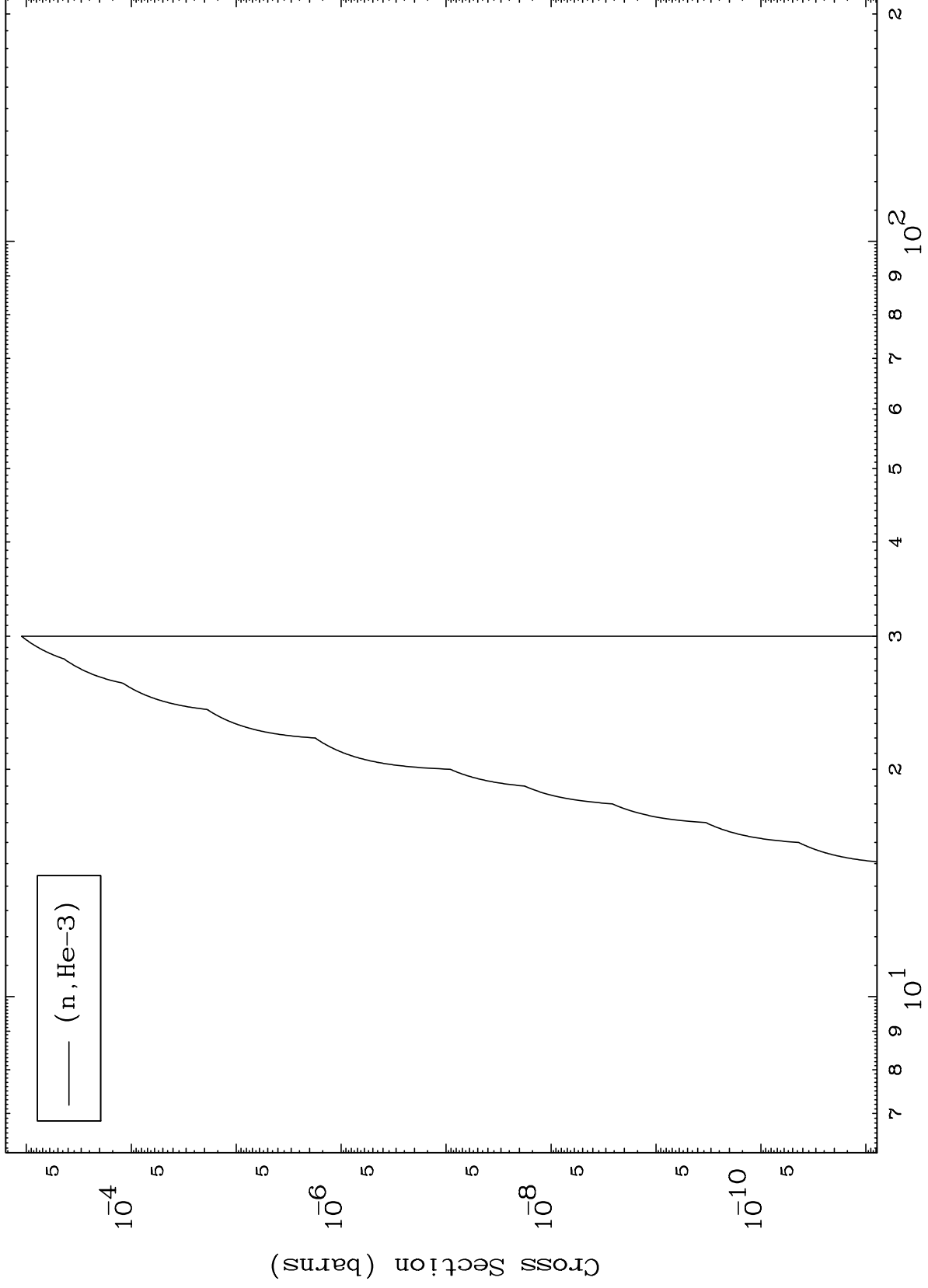
70-Yb-156



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(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-156



10

Incident Energy (MeV)

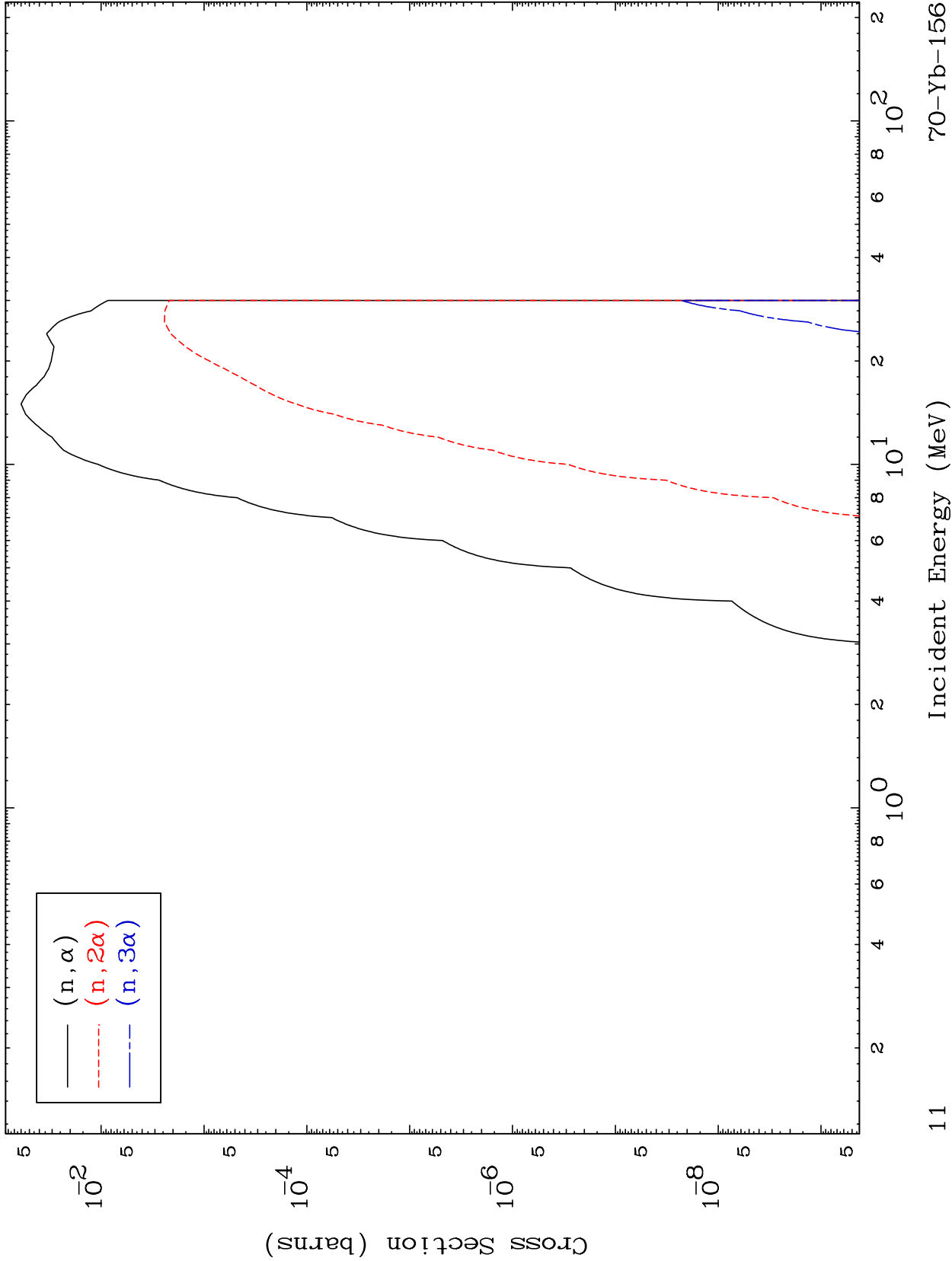
70-Yb-156

MAT 6989

(p, α) Levels

70-Yb-156

0 Kelvin Cross Sections

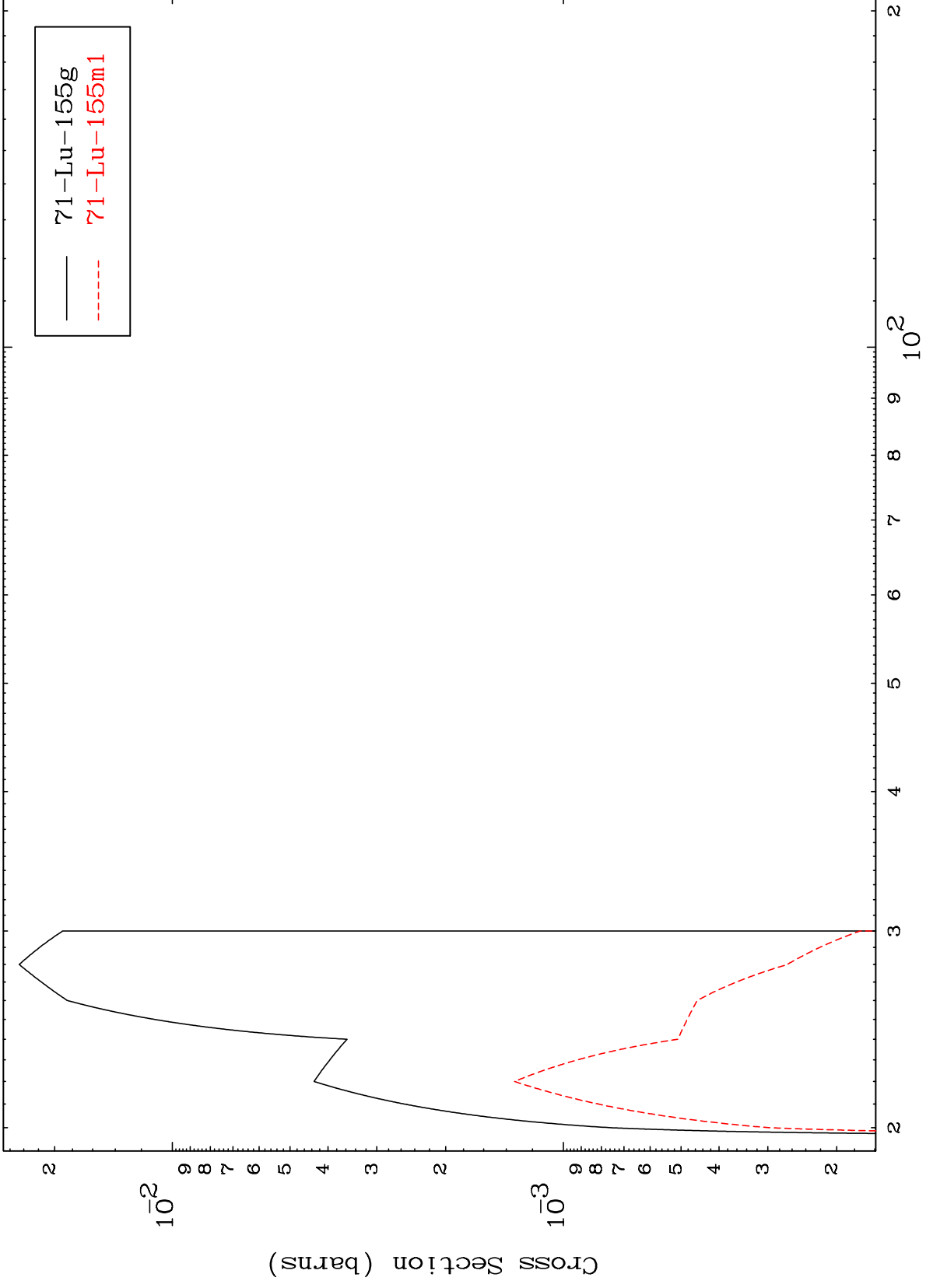


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(n,2n)

70-Yb-156

Radionuclide Production Cross Section



12

Incident Energy (MeV)

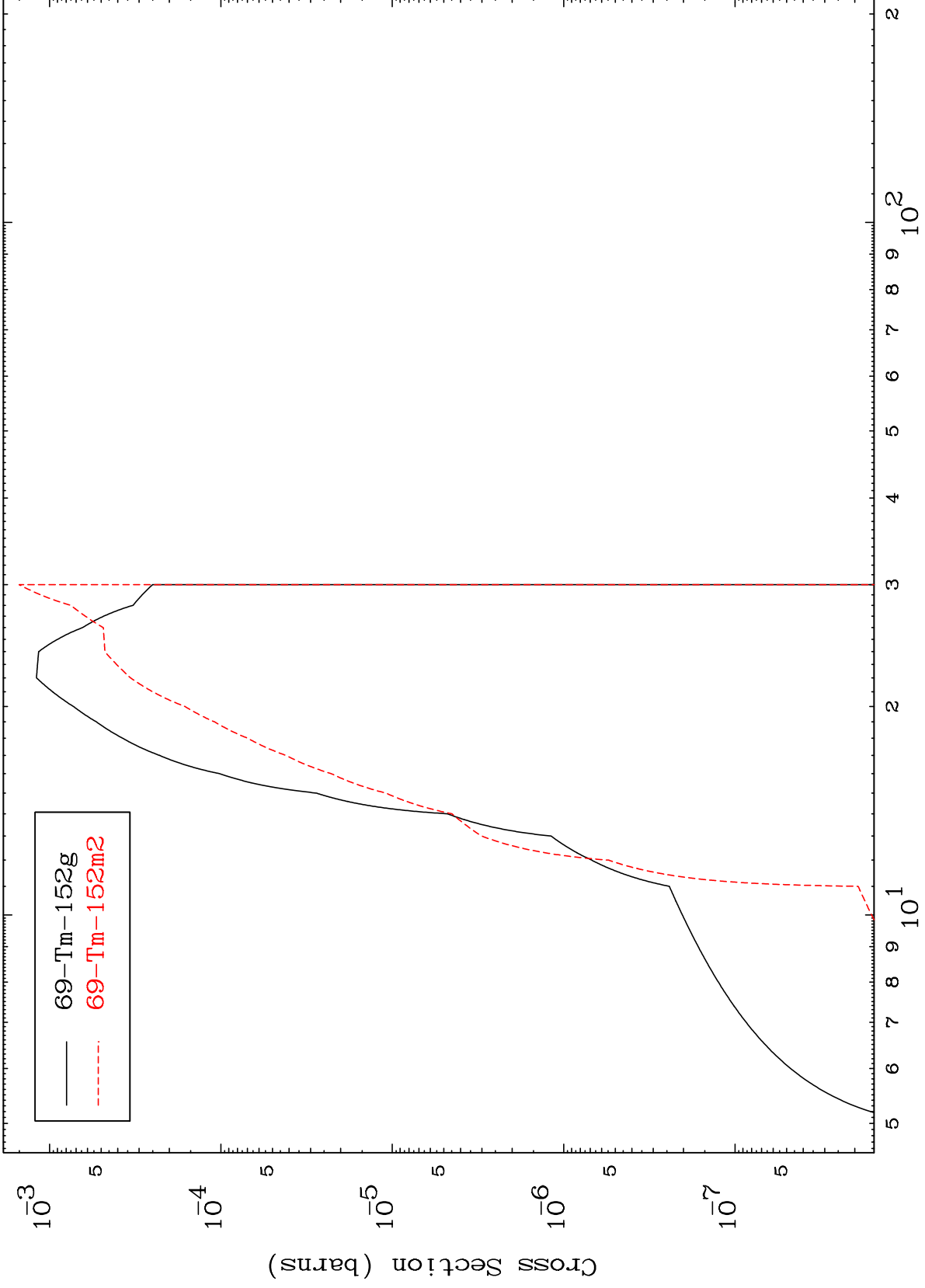
70-Yb-156

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$(n, n') \alpha$

$^{70}\text{Yb-156}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

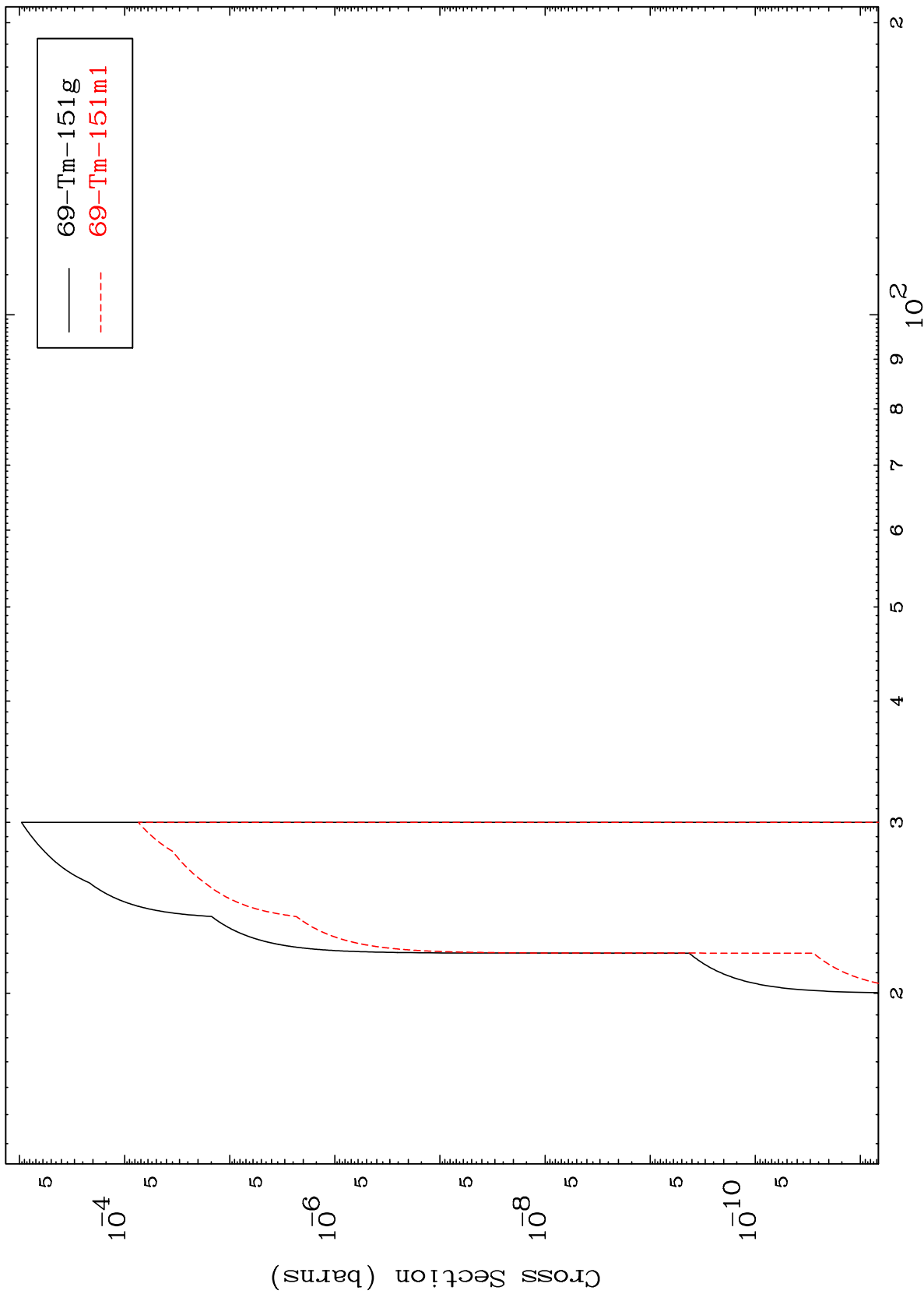
$^{70}\text{Yb-156}$

MAT 6989

(n,2n) α

70-Yb-156

Radionuclide Production Cross Section



14

Incident Energy (MeV)

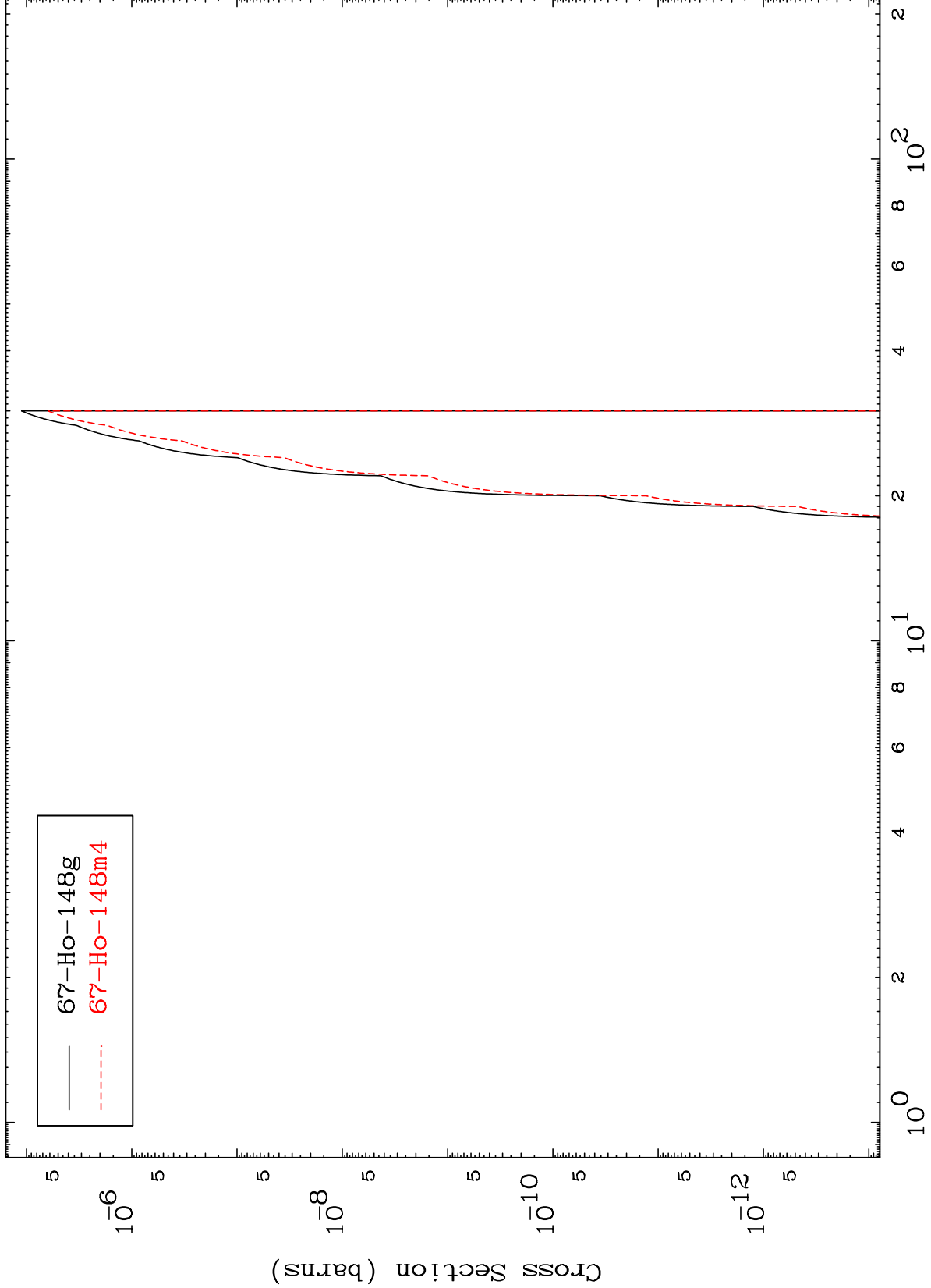
70-Yb-156

MAT 6989

(n,n') 2α

70-Yb-156

Radionuclide Production Cross Section

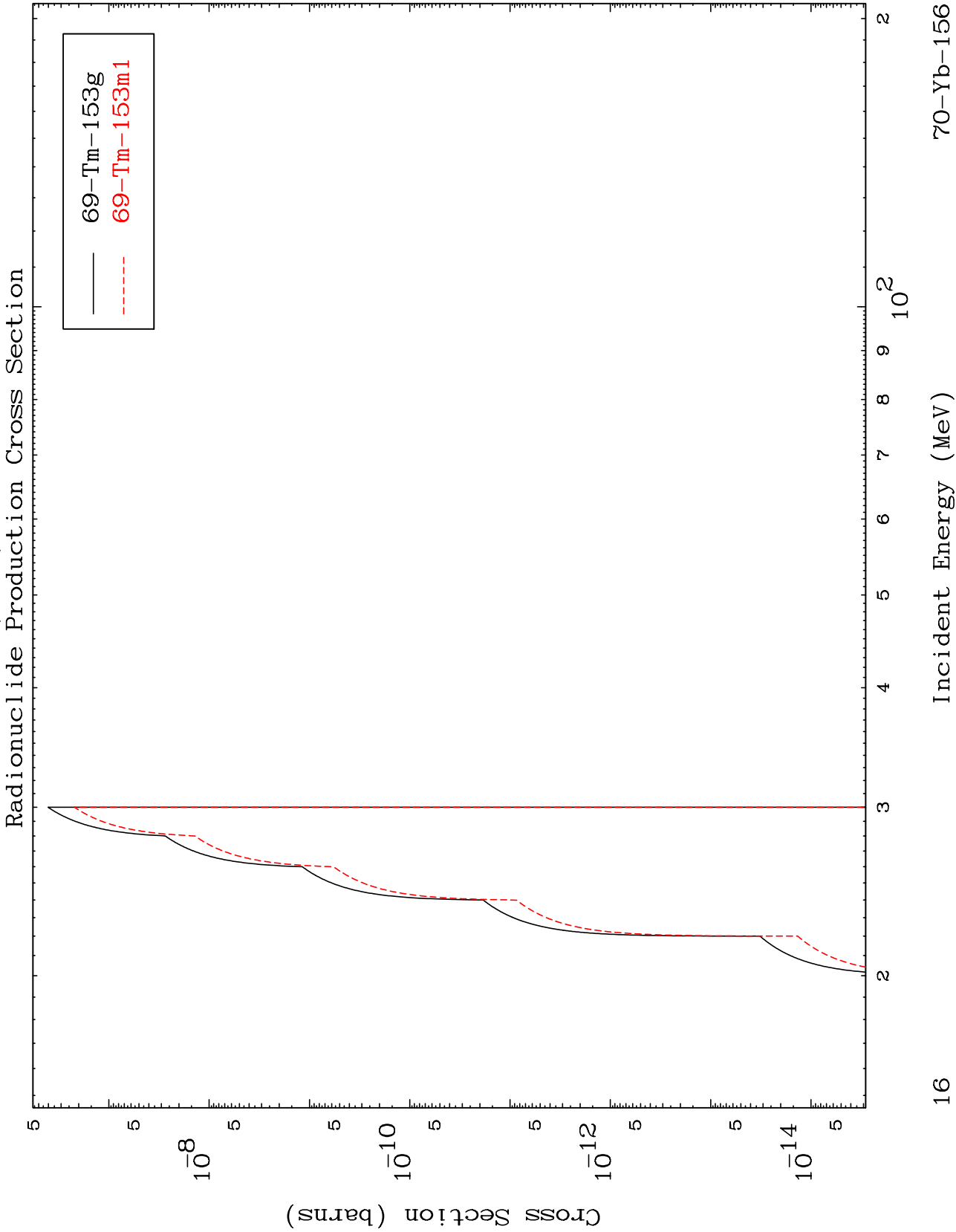


— 67-Ho-148g
- - - 67-Ho-148m4

Incident Energy (MeV)

70-Yb-156

15

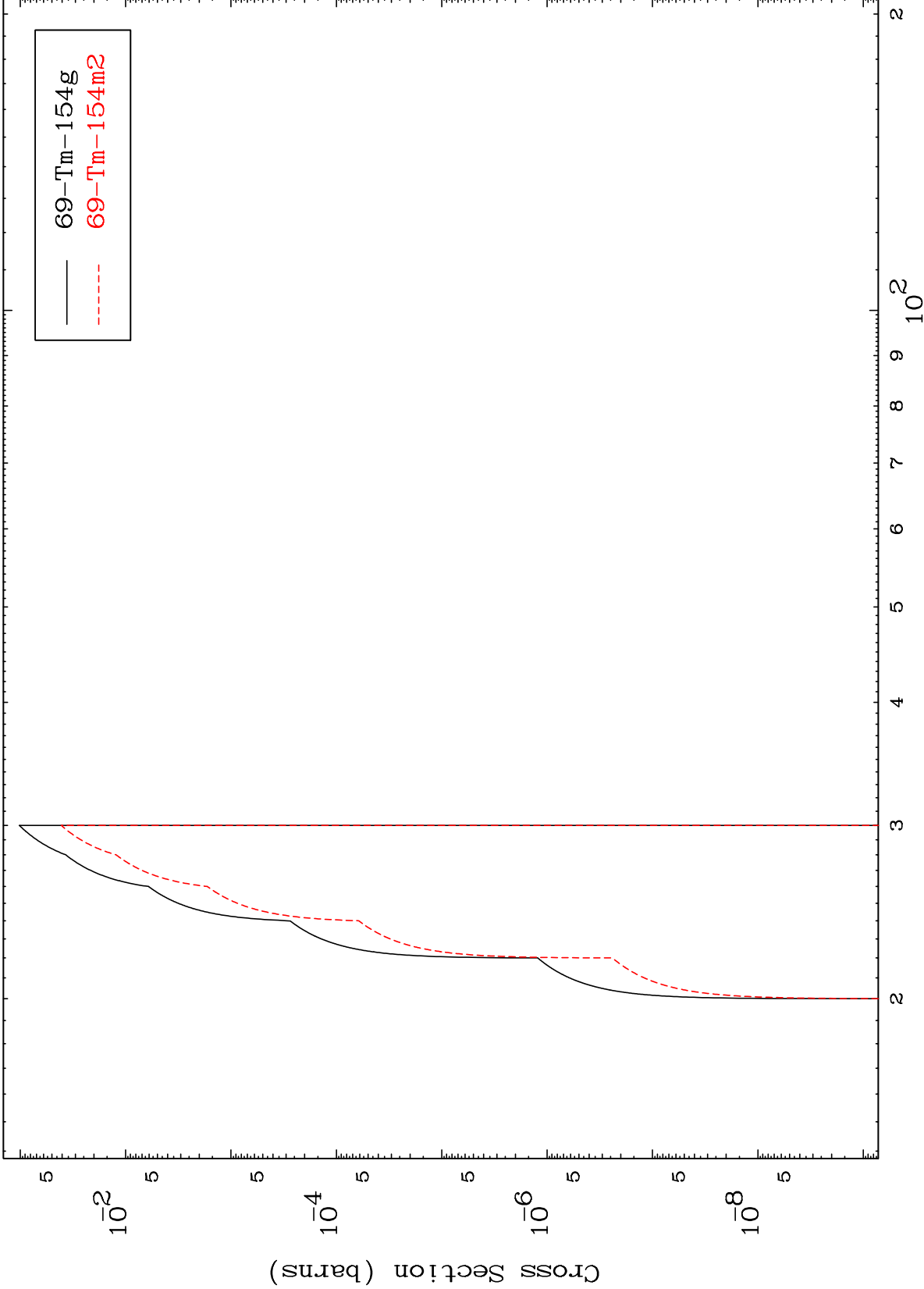


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(n,2n) p

70-Yb-156

Radionuclide Production Cross Section



17

Incident Energy (MeV)

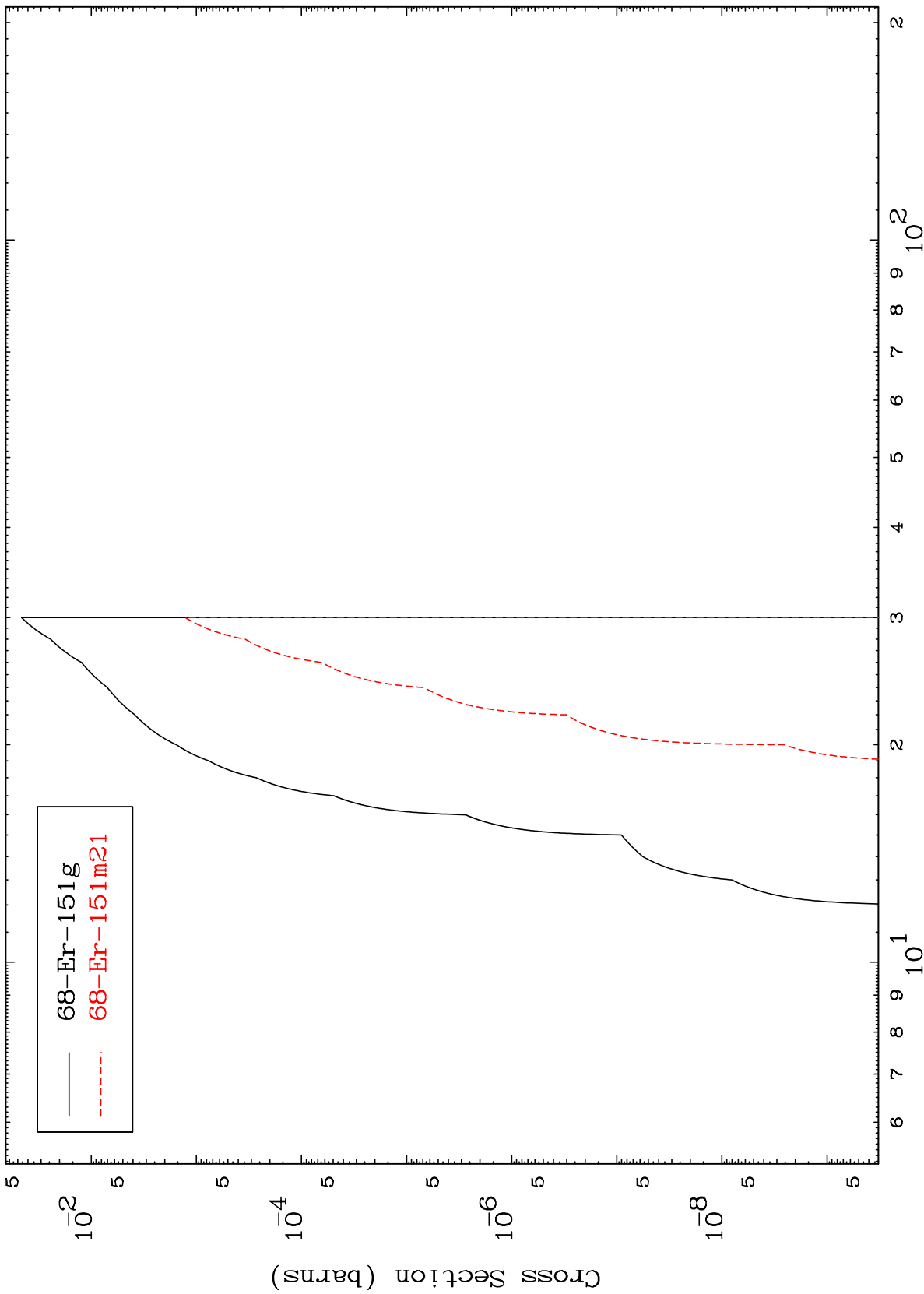
70-Yb-156

MAT 6989

(n,n') p α

70-Yb-156

Radionuclide Production Cross Section



18

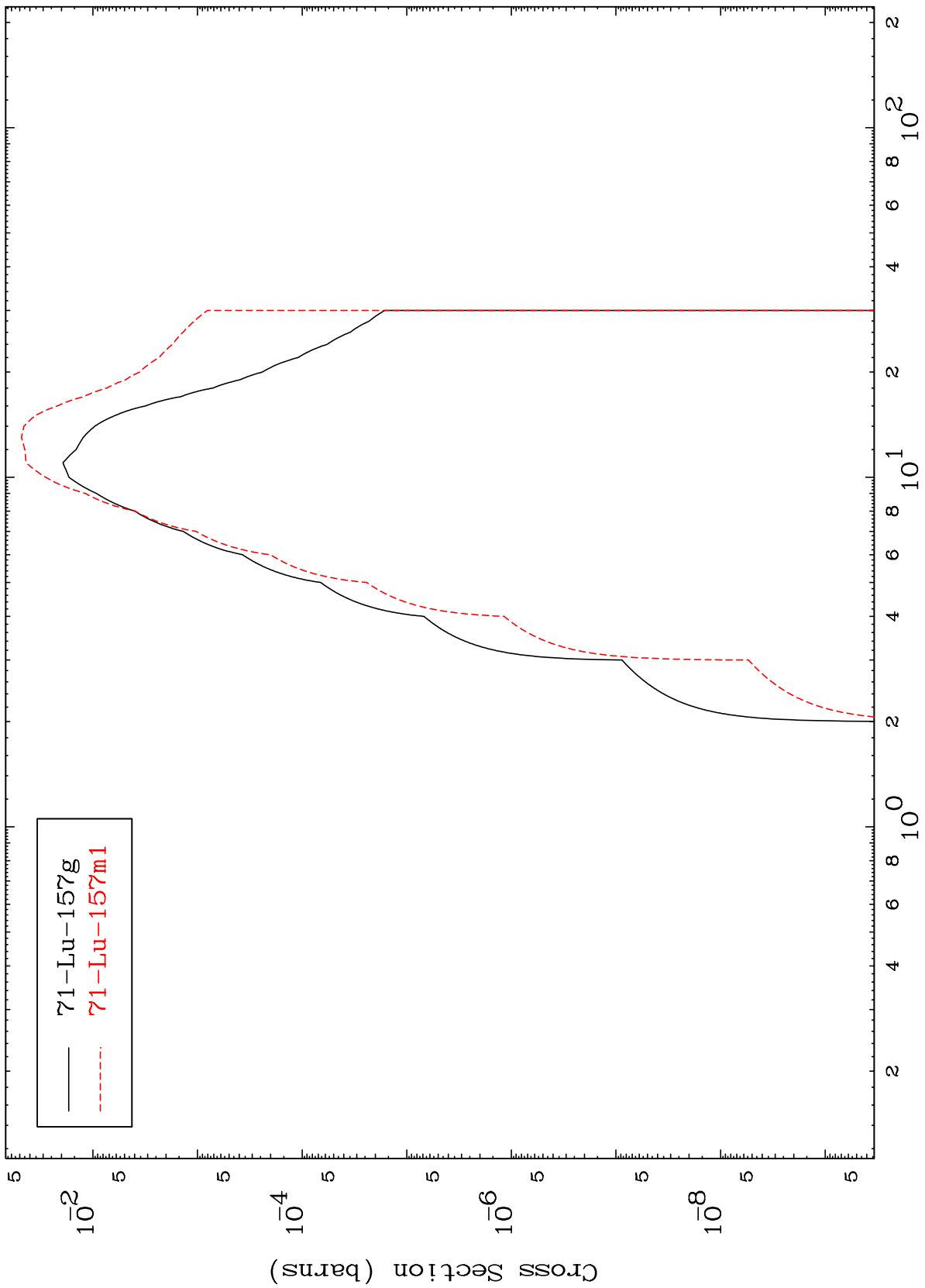
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(n,γ)
Radionuclide Production Cross Section

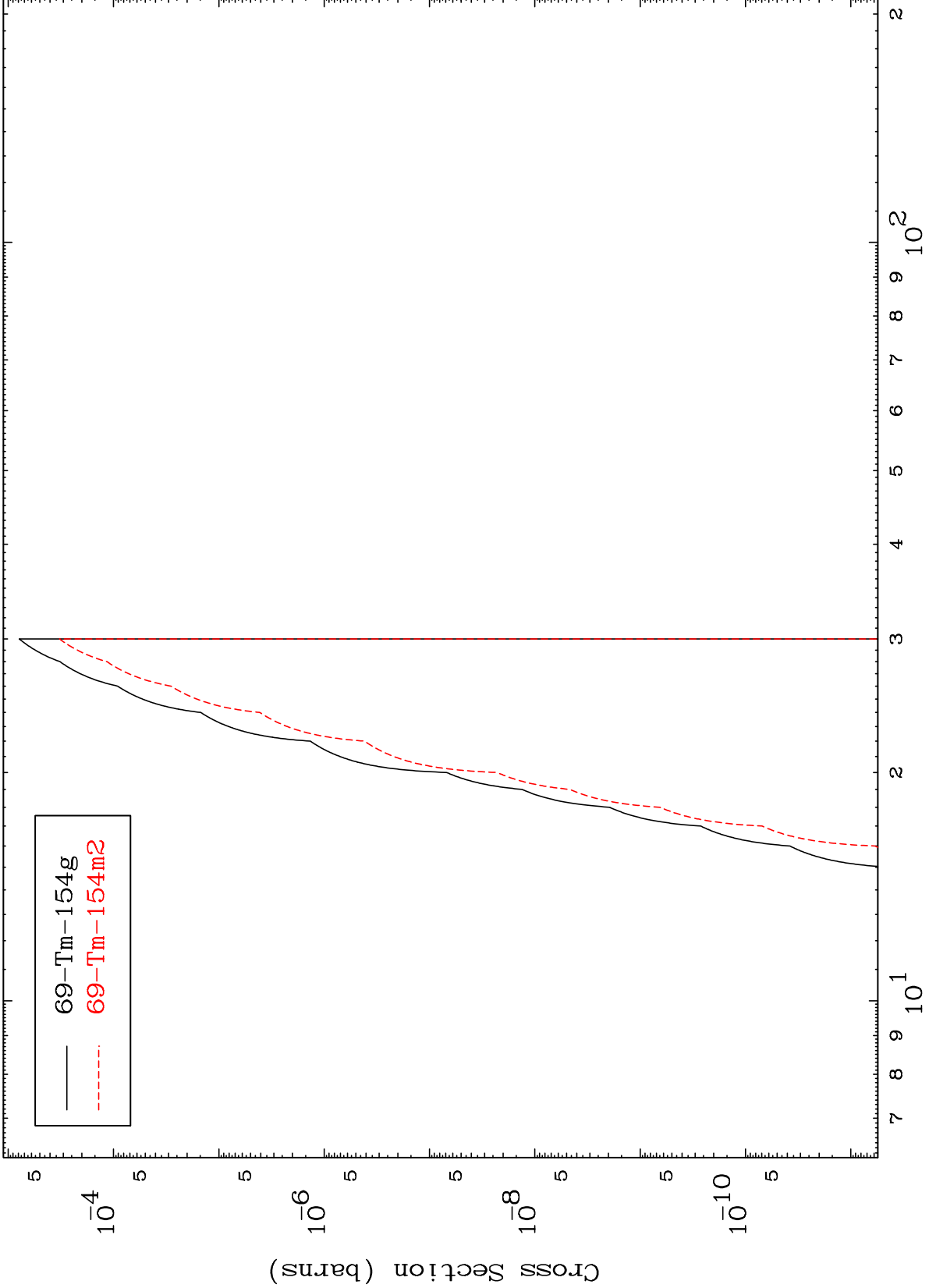


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(n,He-3)

70-Yb-156

Radionuclide Production Cross Section



20

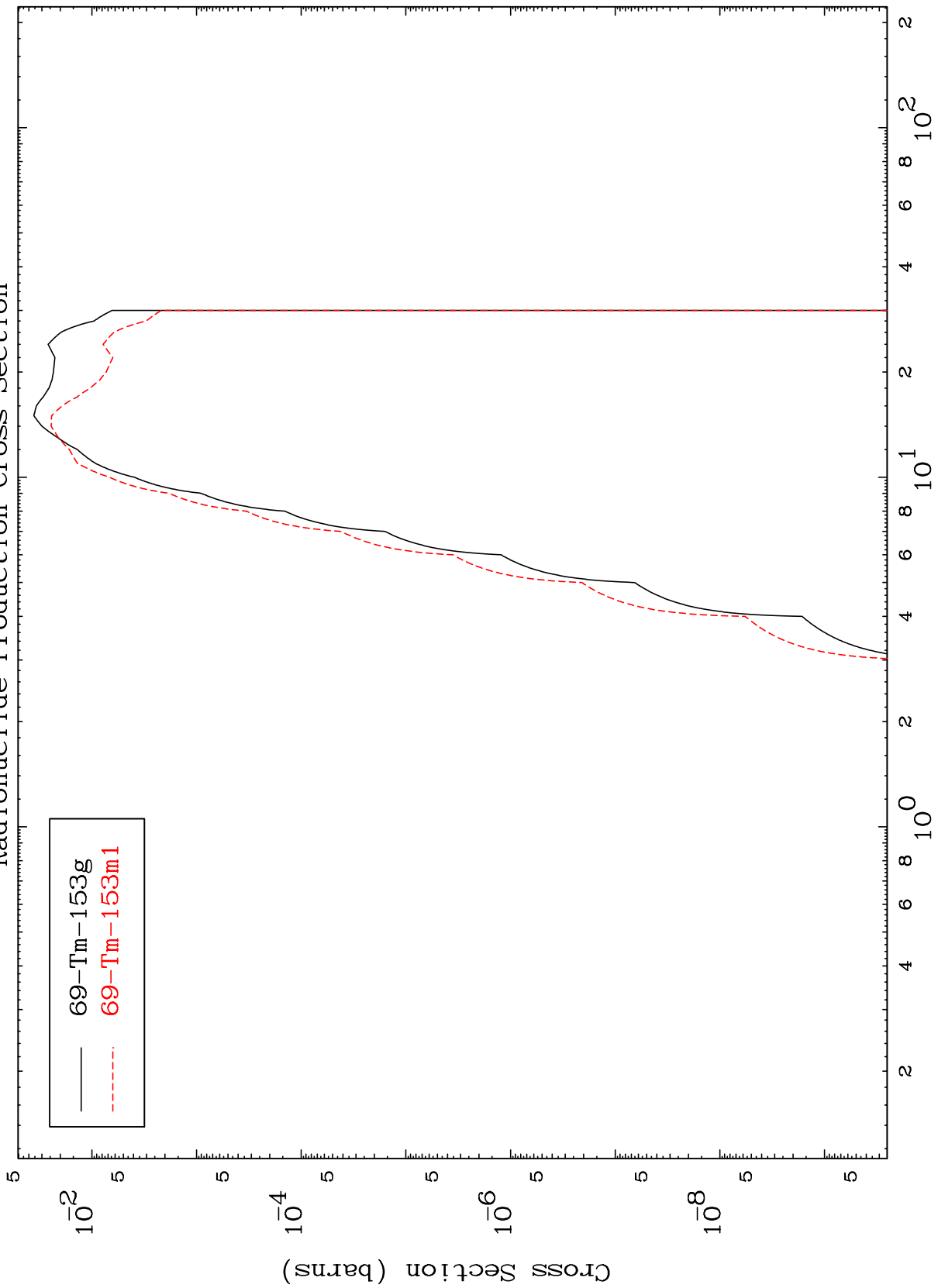
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(n, α)
Radionuclide Production Cross Section

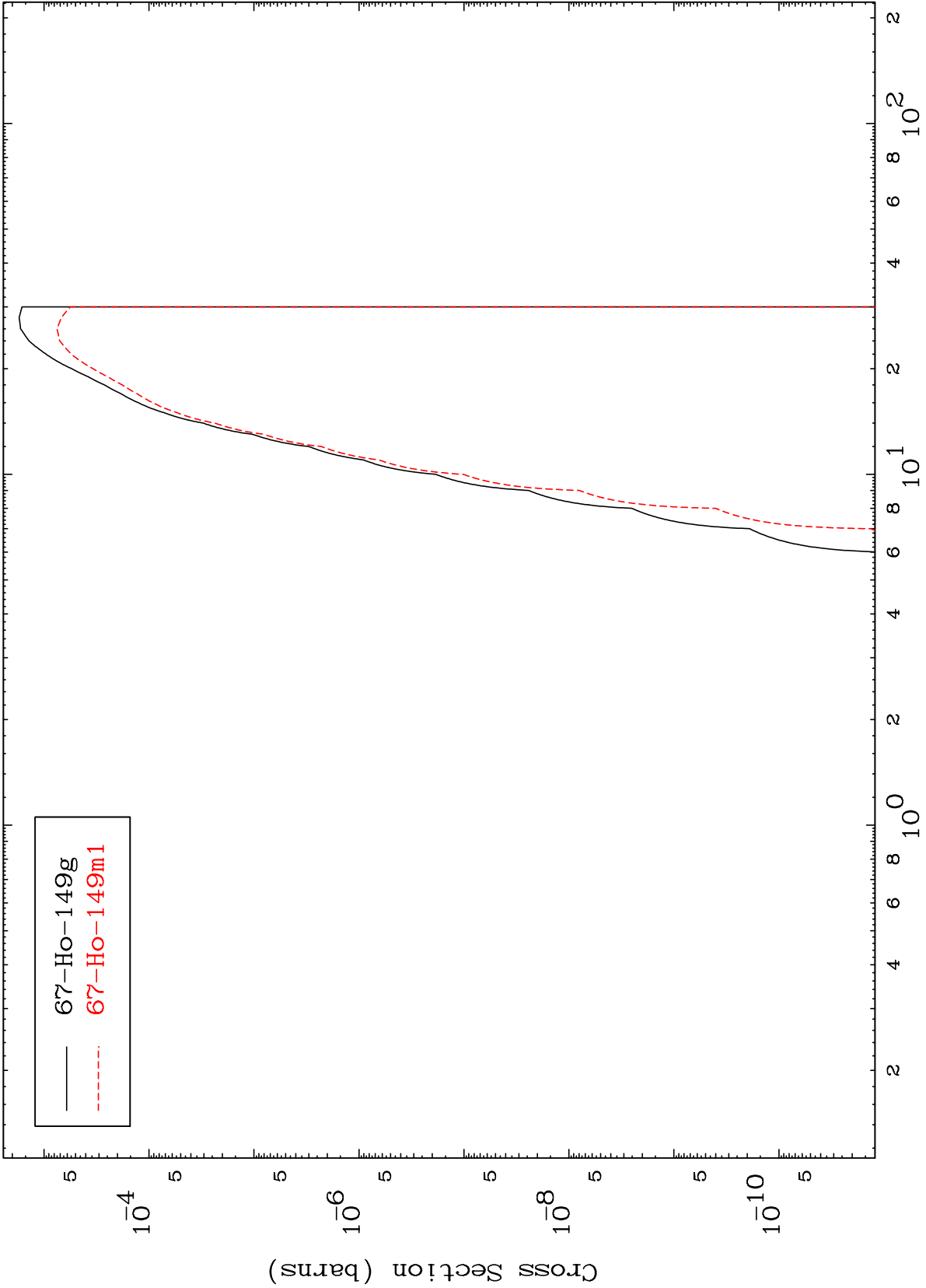


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(n,2α)

70-Yb-156

Radionuclide Production Cross Section

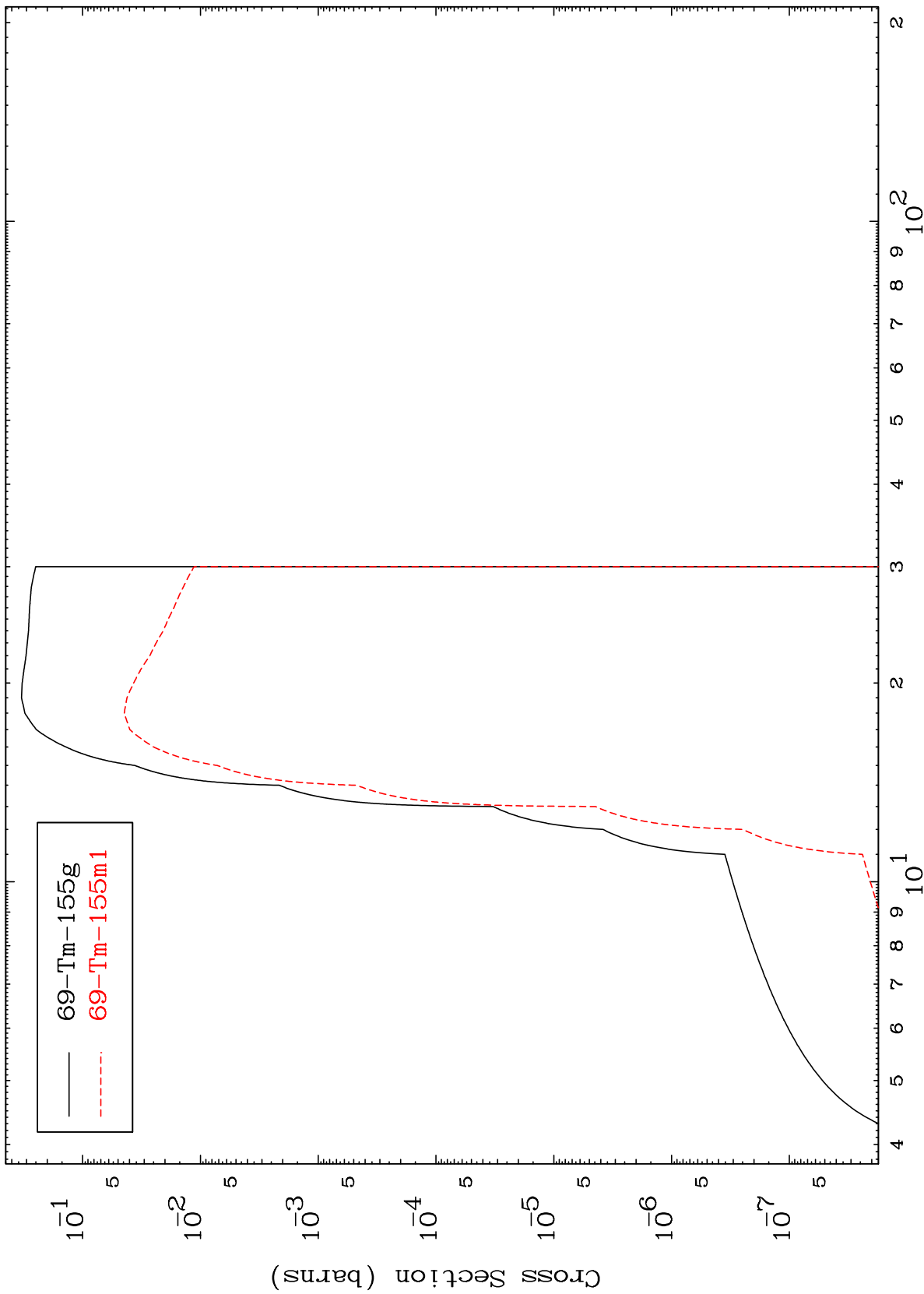


— 67-Ho-149g
- - - 67-Ho-149m1

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70-Yb-156

(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

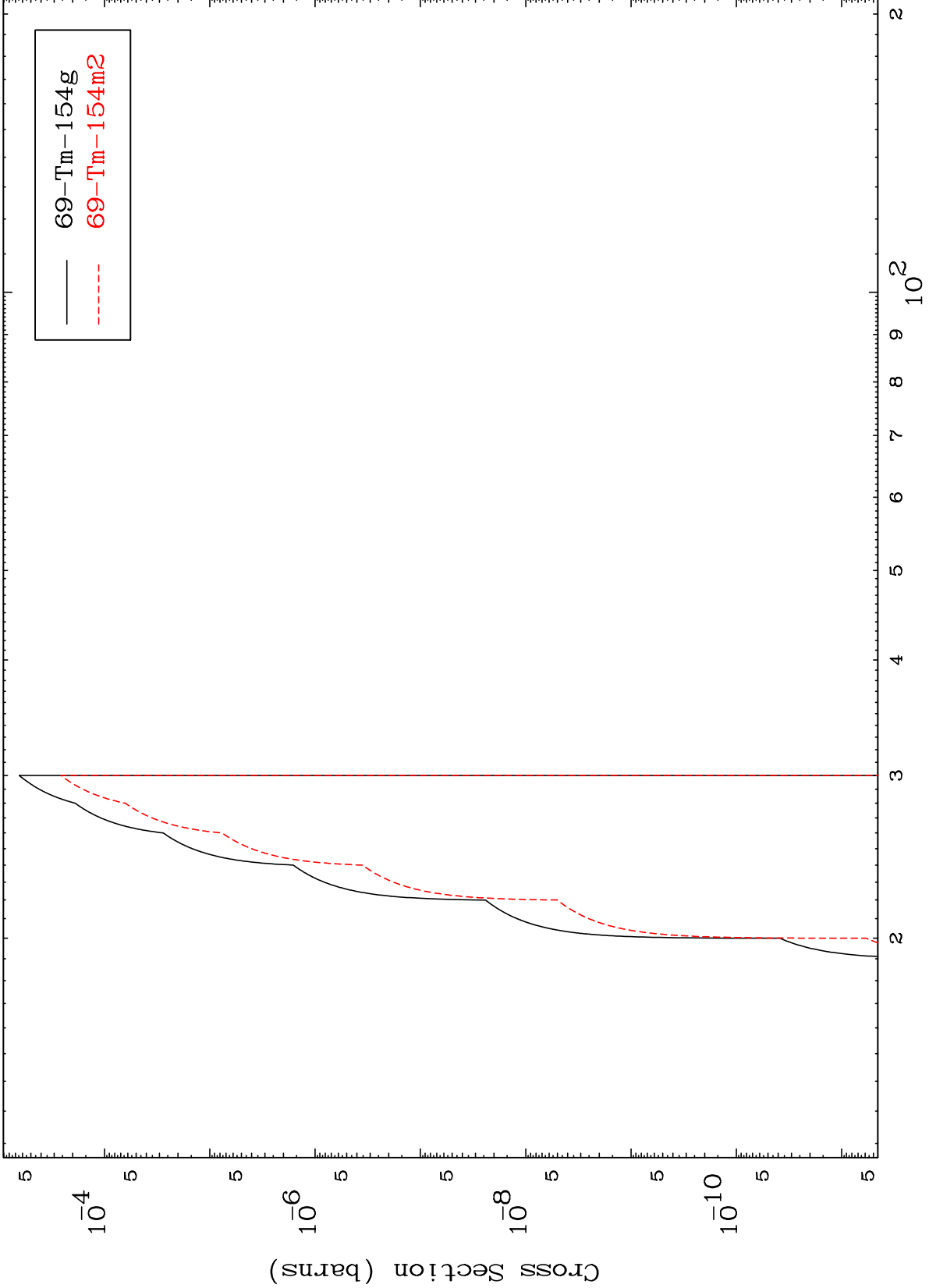
70-Yb-156

MAT 6989

(n,p) d

70-Yb-156

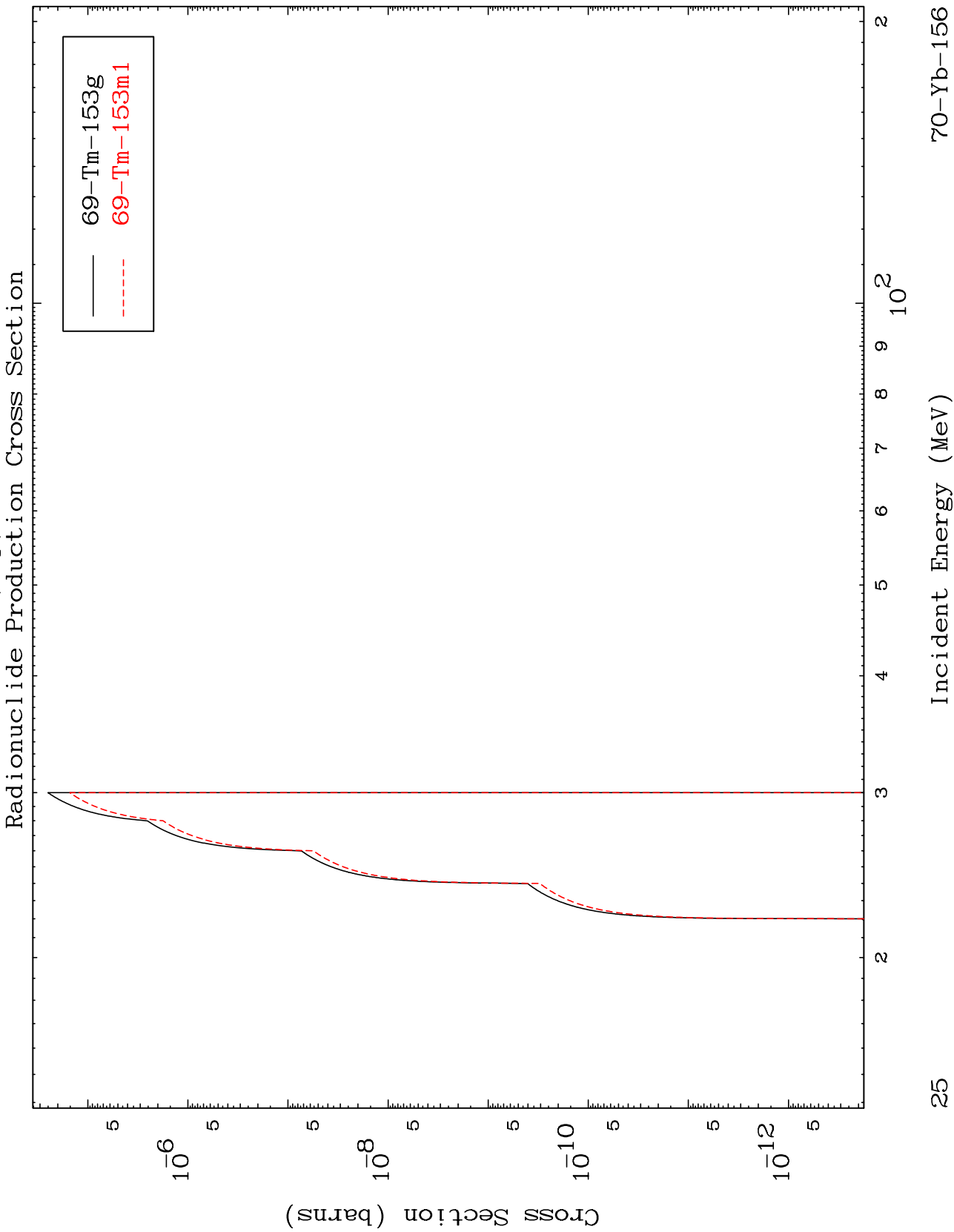
Radionuclide Production Cross Section



24

Incident Energy (MeV)

70-Yb-156

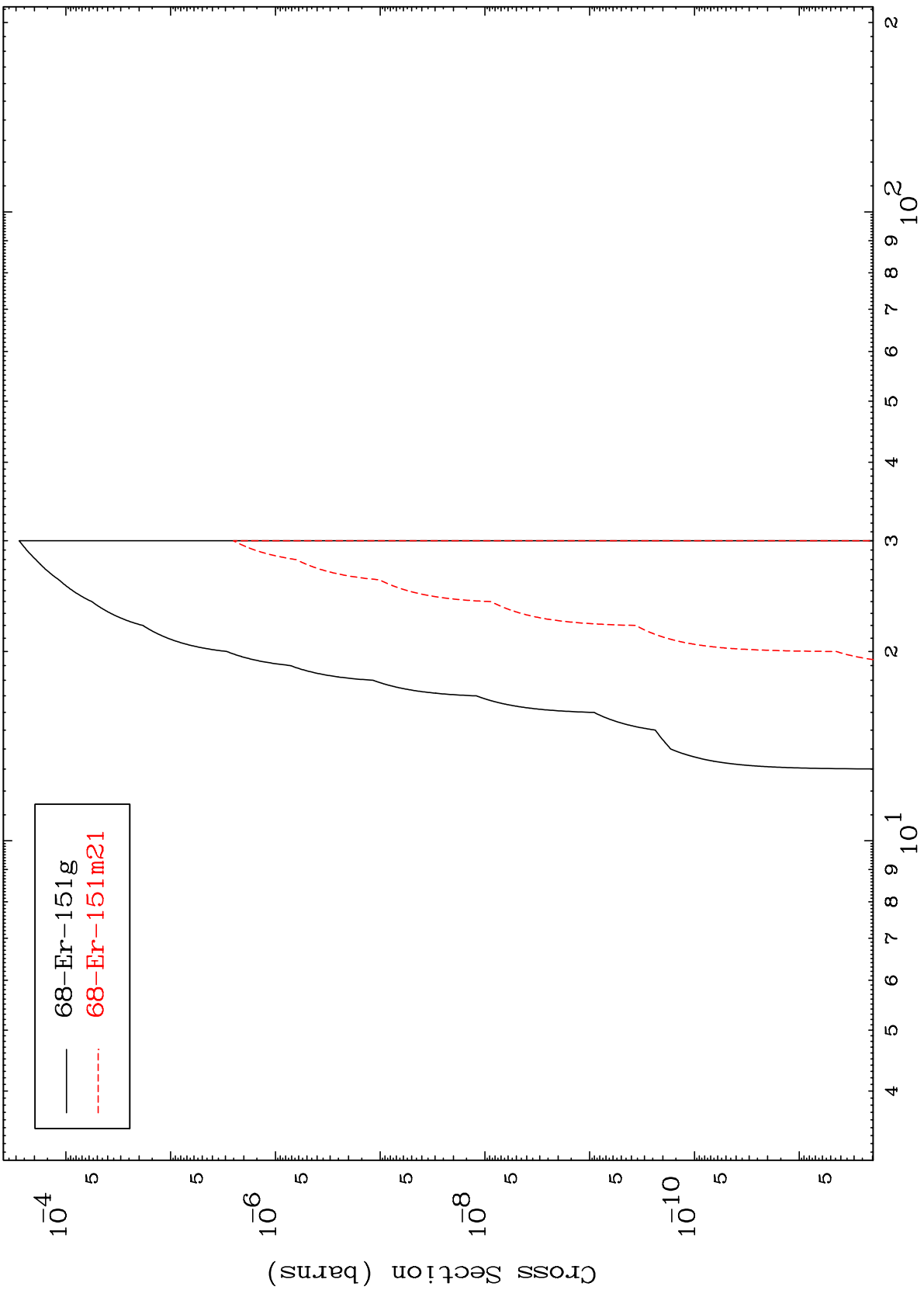


MAT 6989

(n,d) α

70-Yb-156

Radionuclide Production Cross Section



26

Incident Energy (MeV)

70-Yb-156