

Program EVALPLOT
(Version 2021-1)

by

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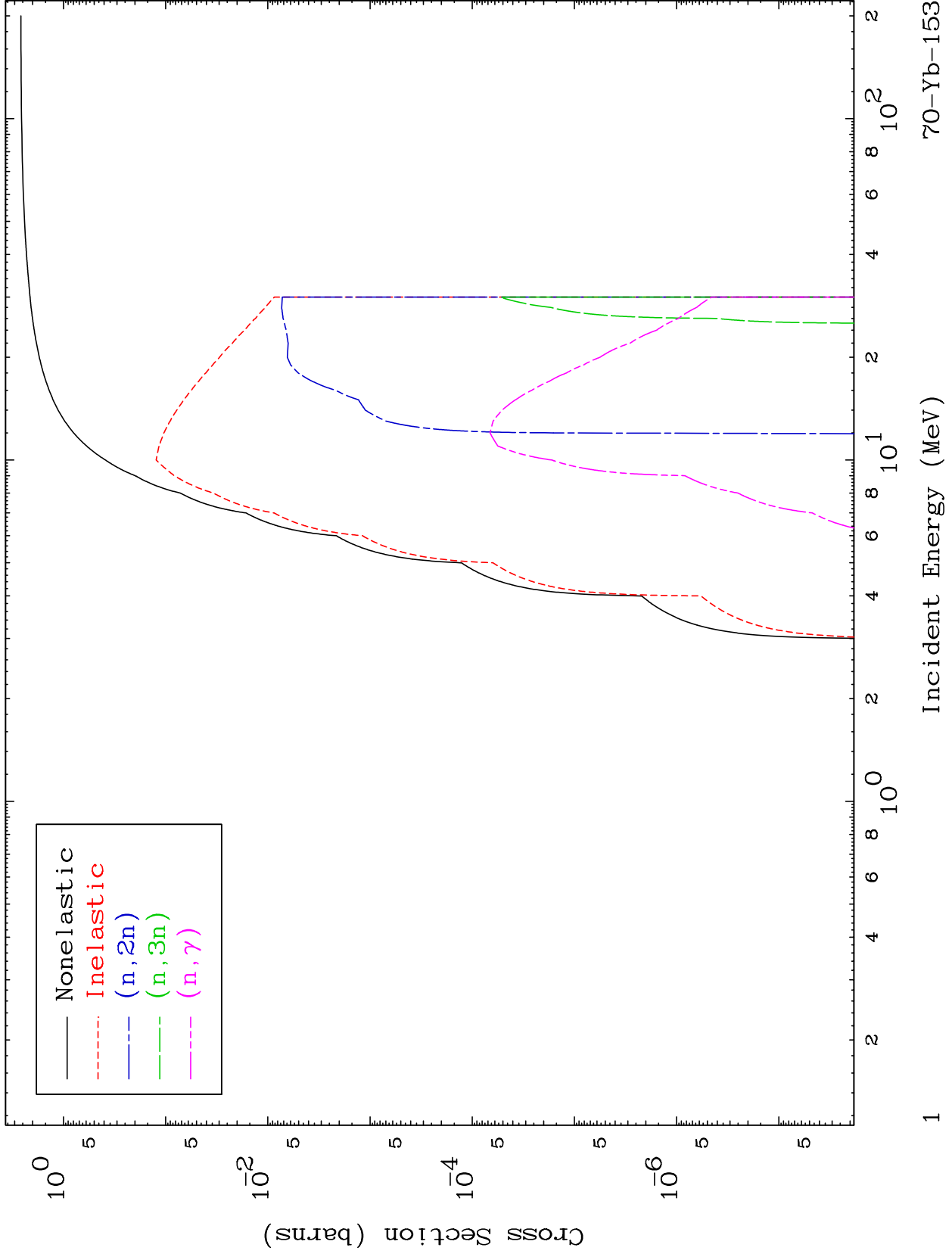
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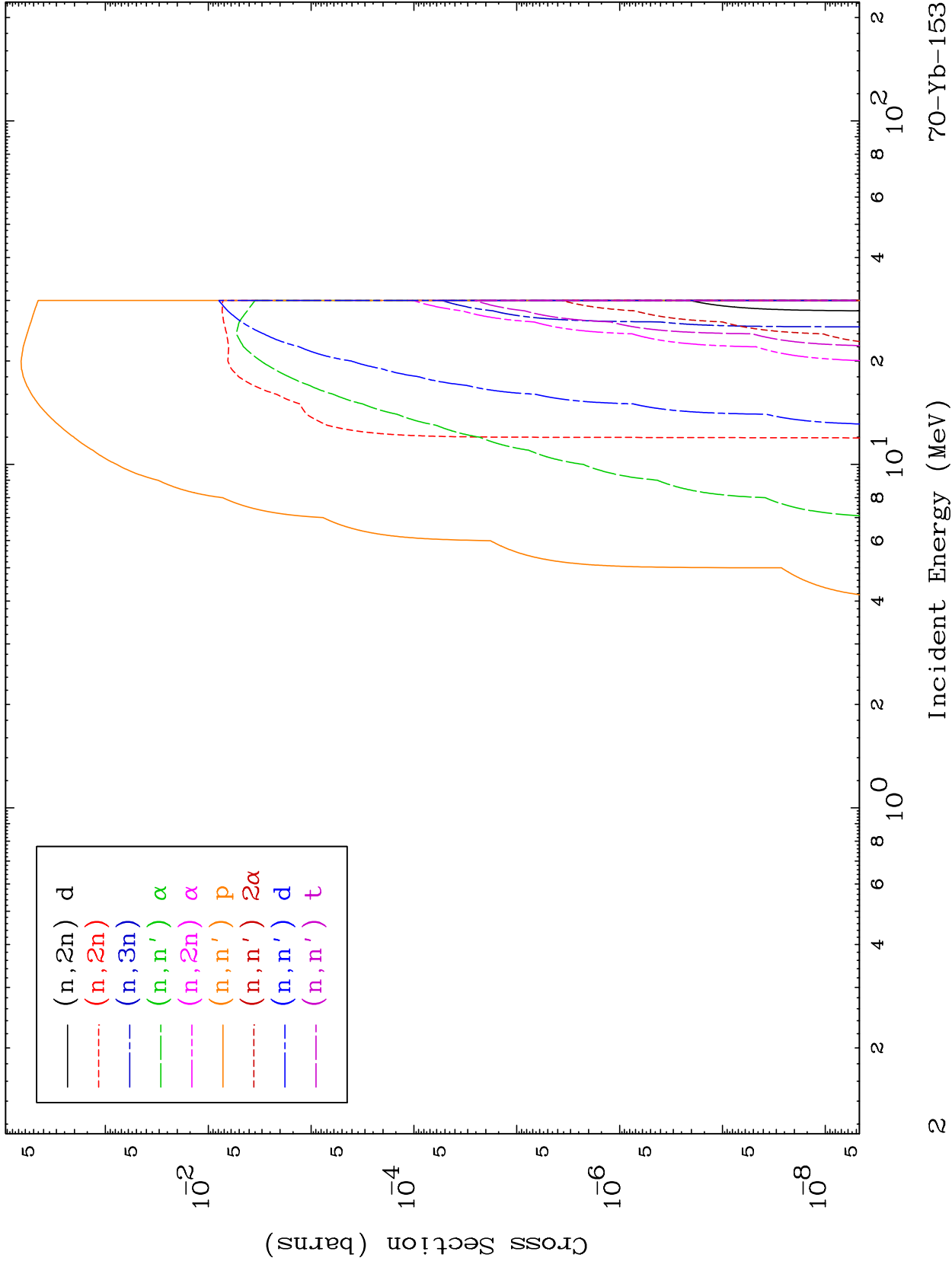
Press Mouse Button to Start

MAT 6980

Deuteron Major
0 Kelvin Cross Sections

70-Yb-153

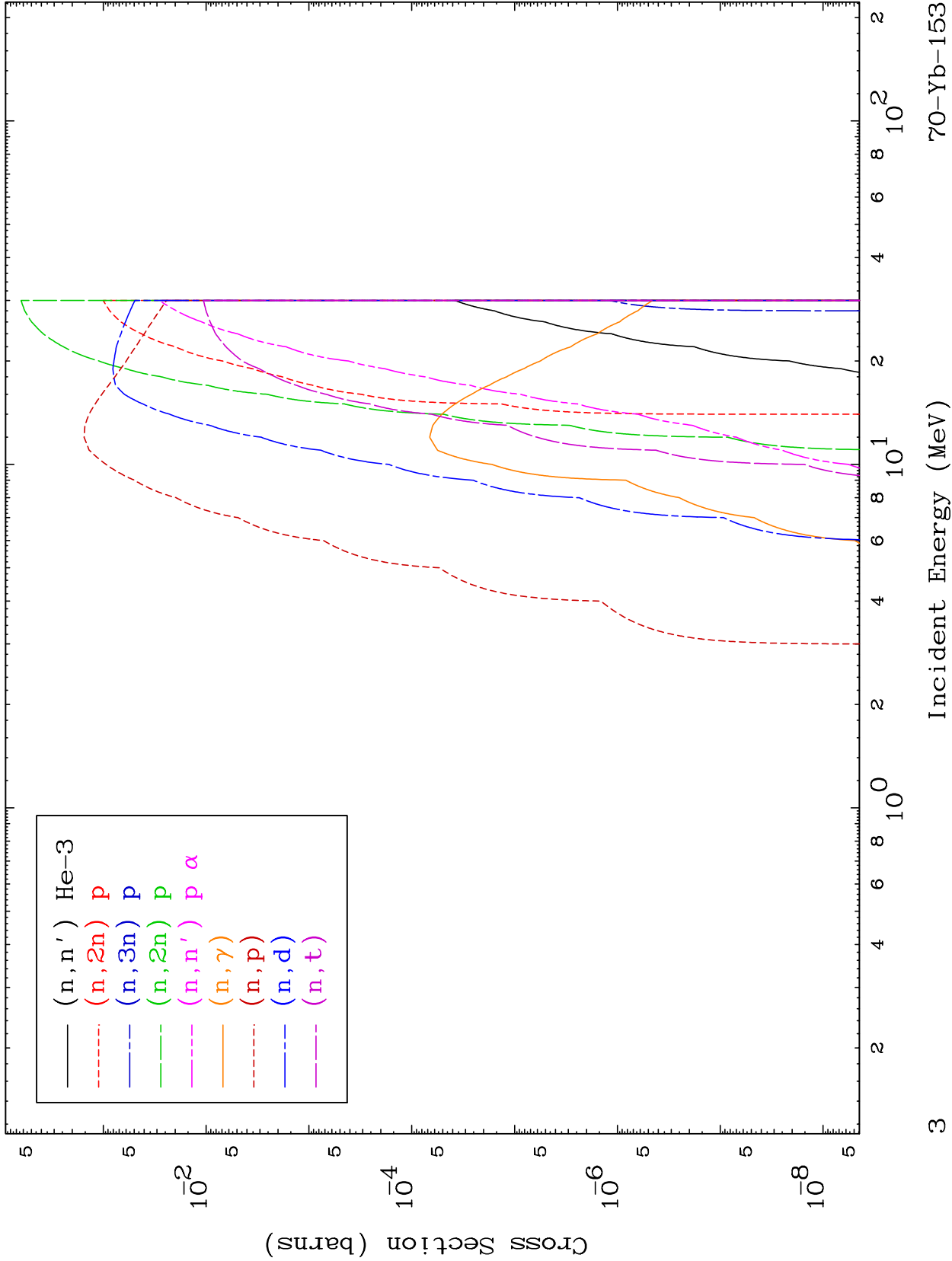




MAT 6980

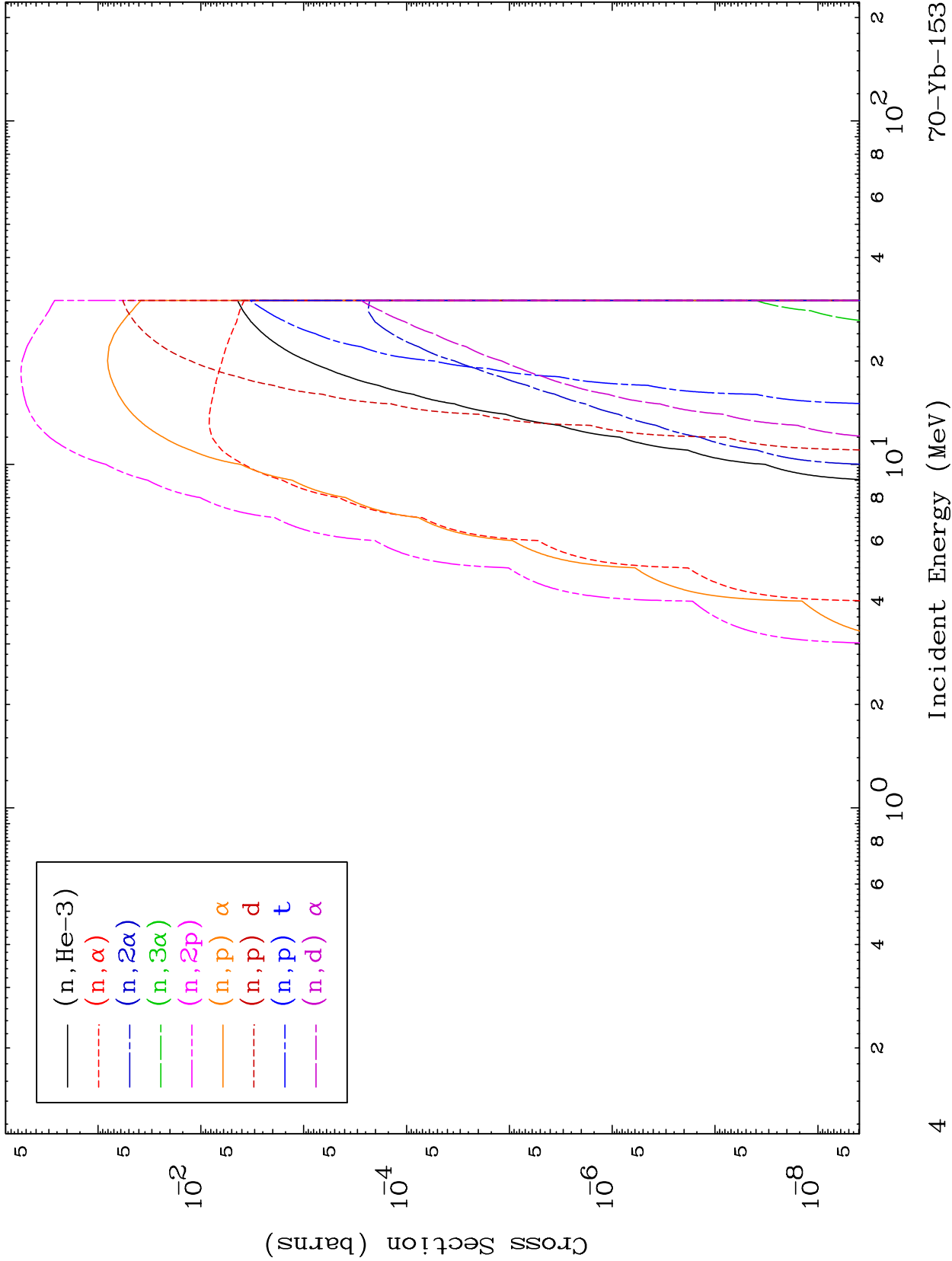
Deuteron Neutron Absorption
0 Kelvin Cross Sections

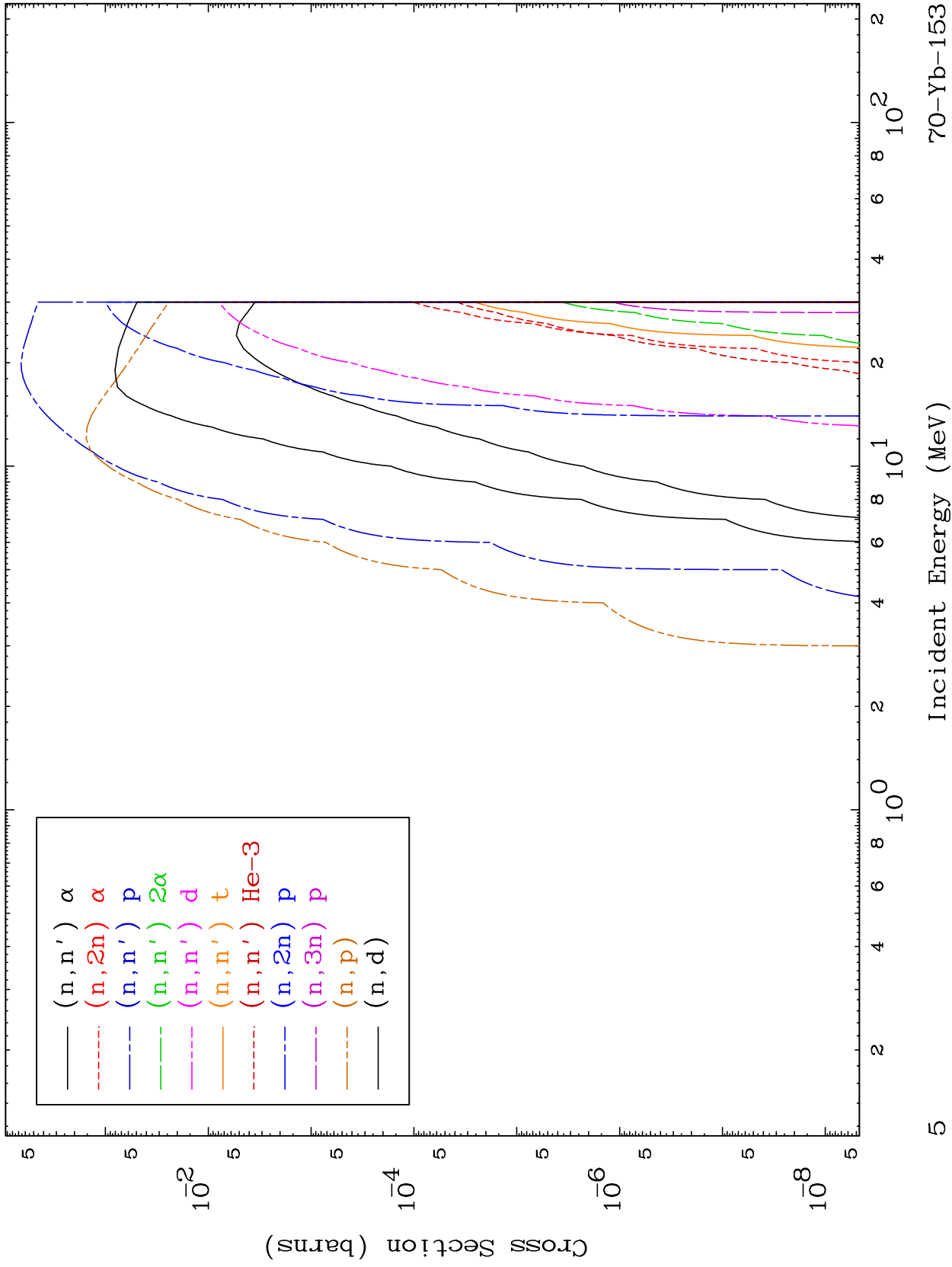
70-Yb-153

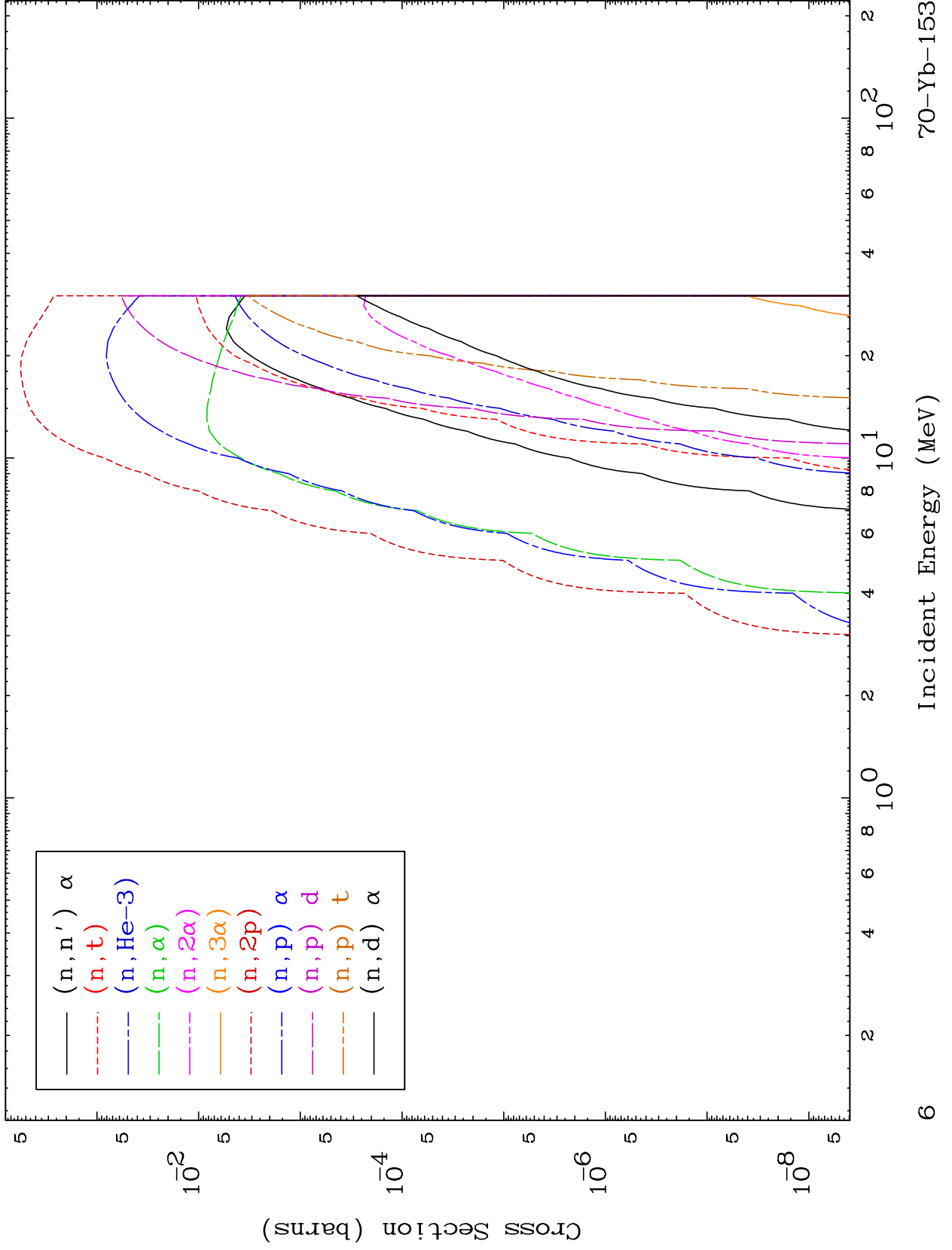


70-Yb-153

Incident Energy (MeV)



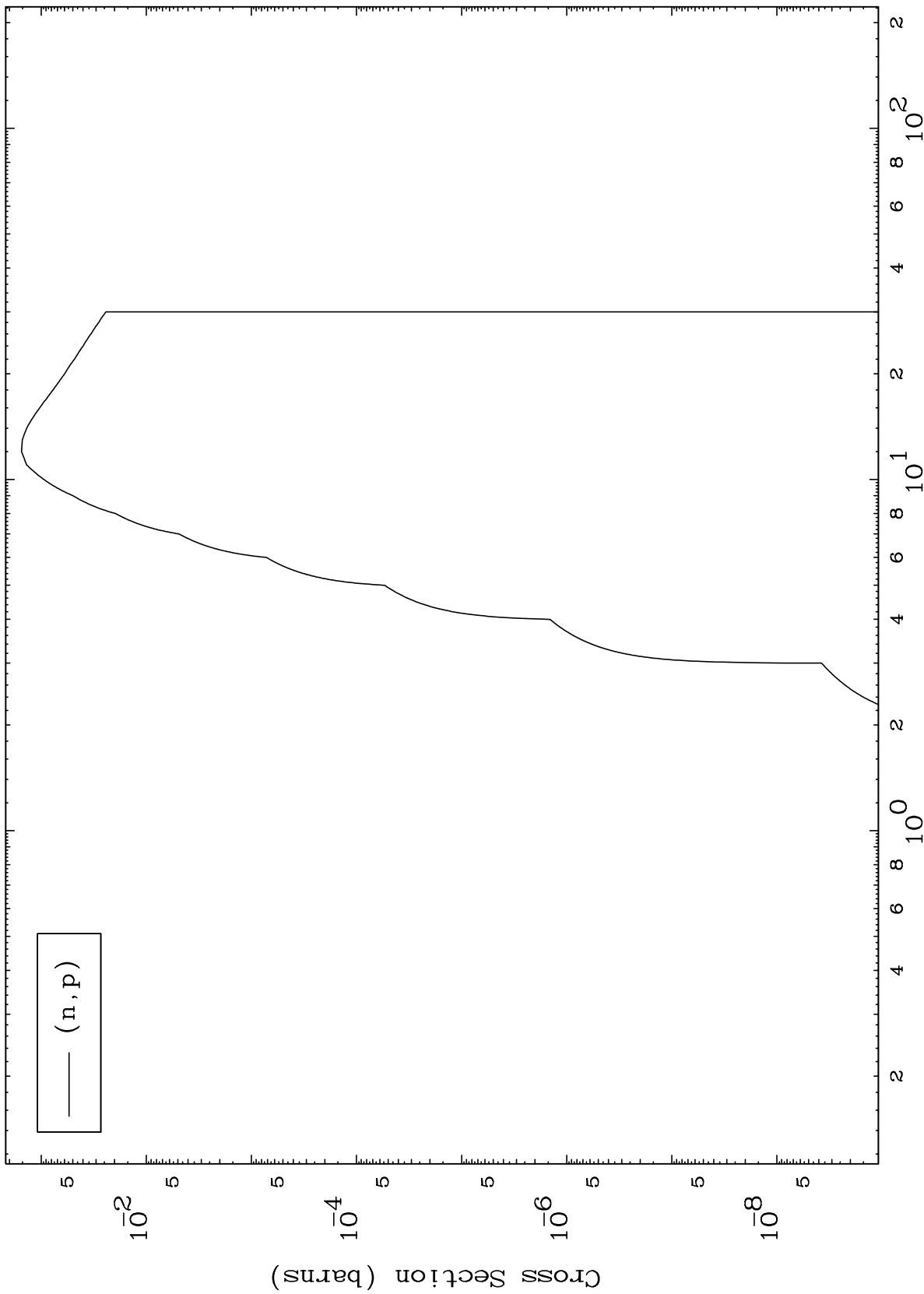




MAT 6980

70-Yb-153

(d,p) Levels
0 Kelvin Cross Sections

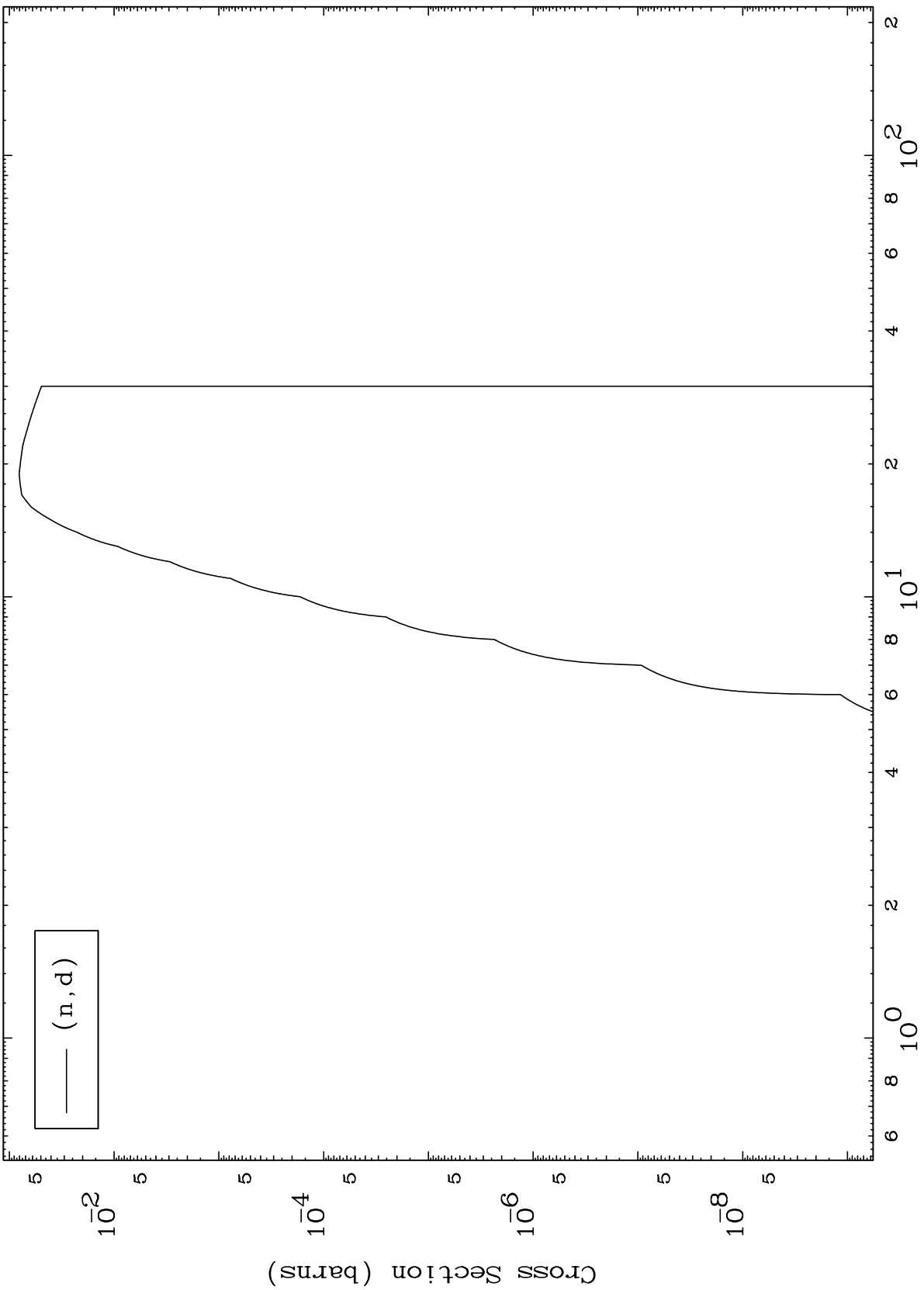


MAT 6980

(d,d) Levels

70-Yb-153

0 Kelvin Cross Sections



8

Incident Energy (MeV)

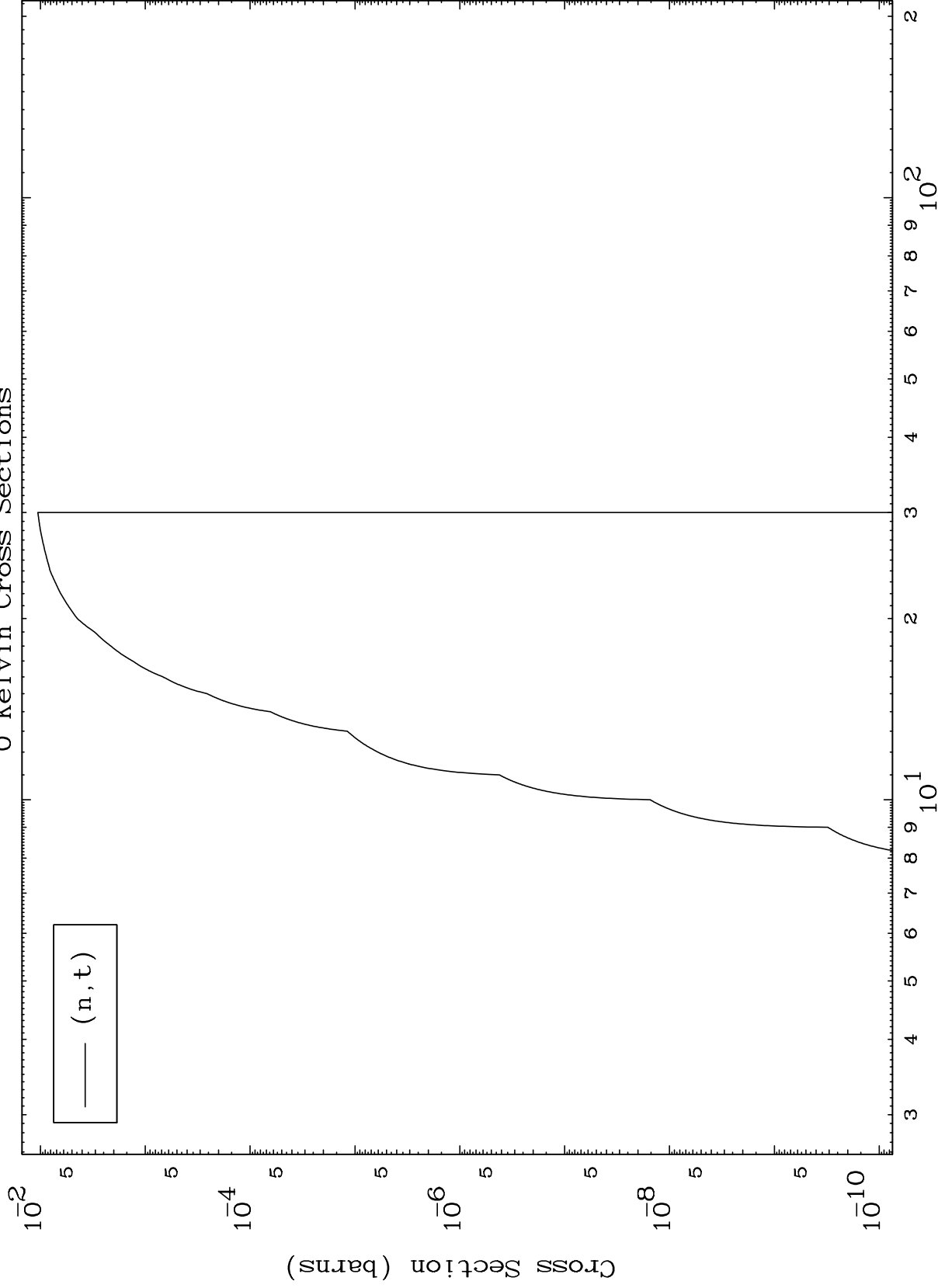
70-Yb-153

MAT 6980

(d, t) Levels

70-Yb-153

0 Kelvin Cross Sections



9

Incident Energy (MeV)

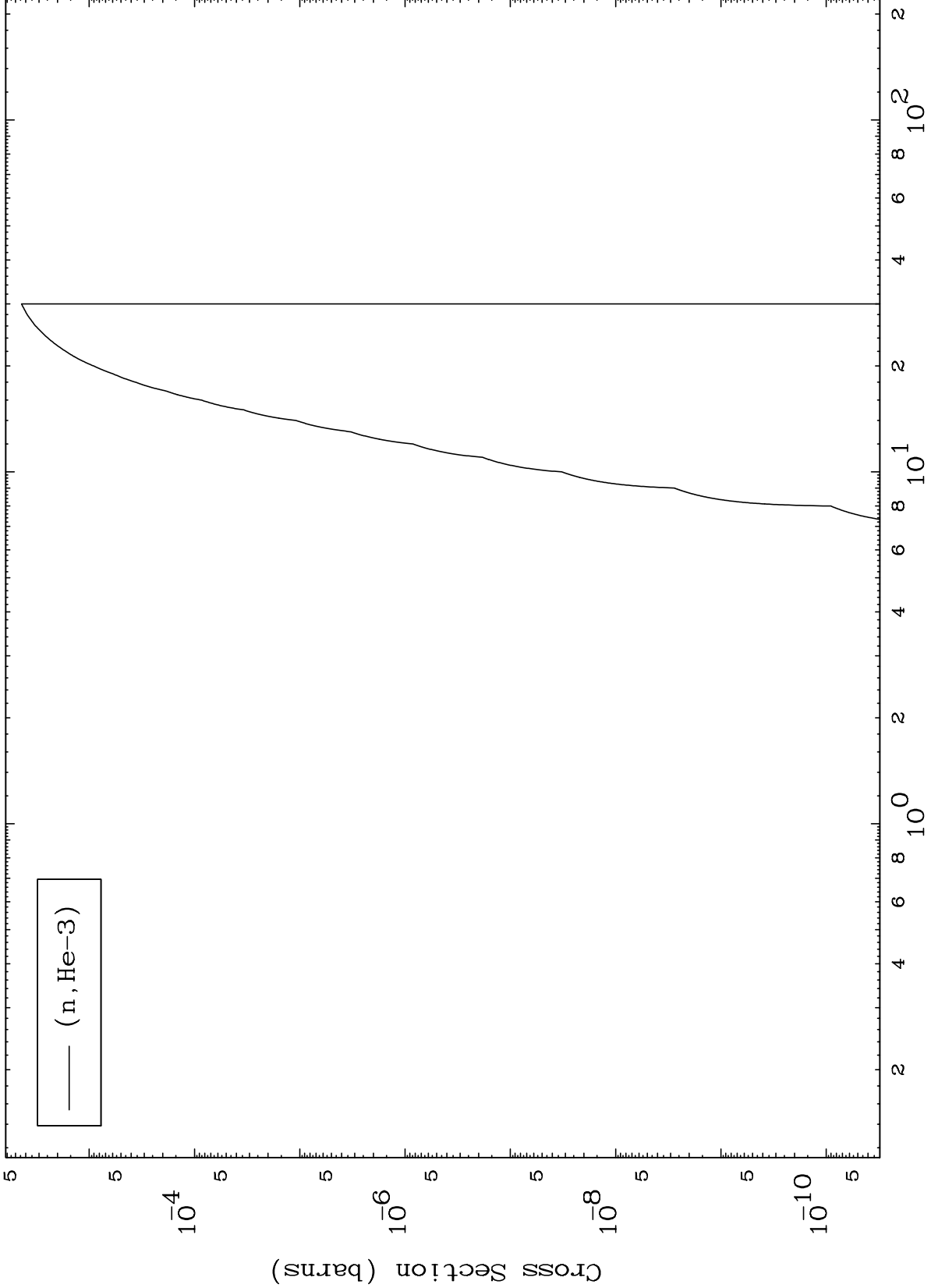
70-Yb-153

MAT 6980

(d,He3) Levels

70-Yb-153

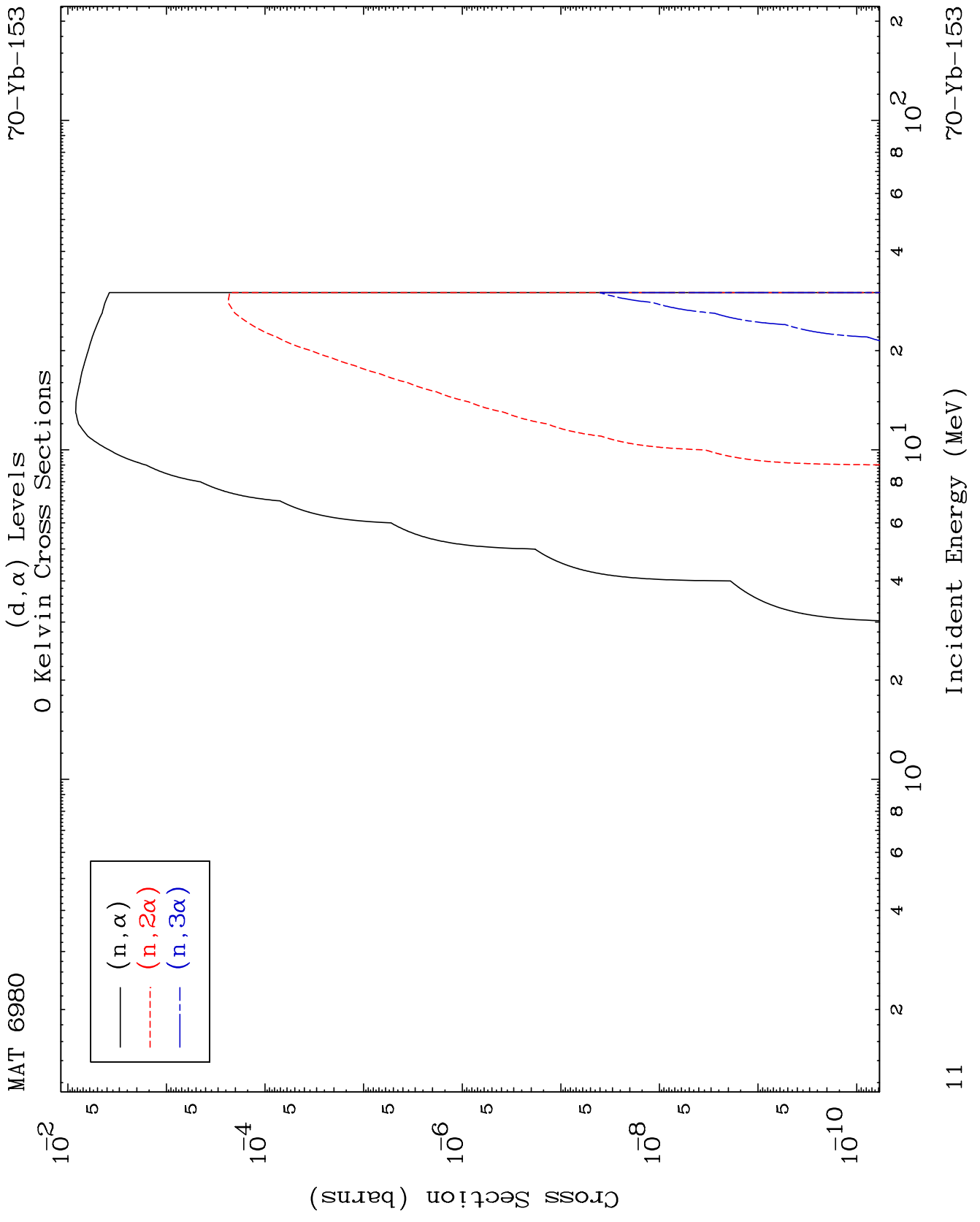
0 Kelvin Cross Sections



10

Incident Energy (MeV)

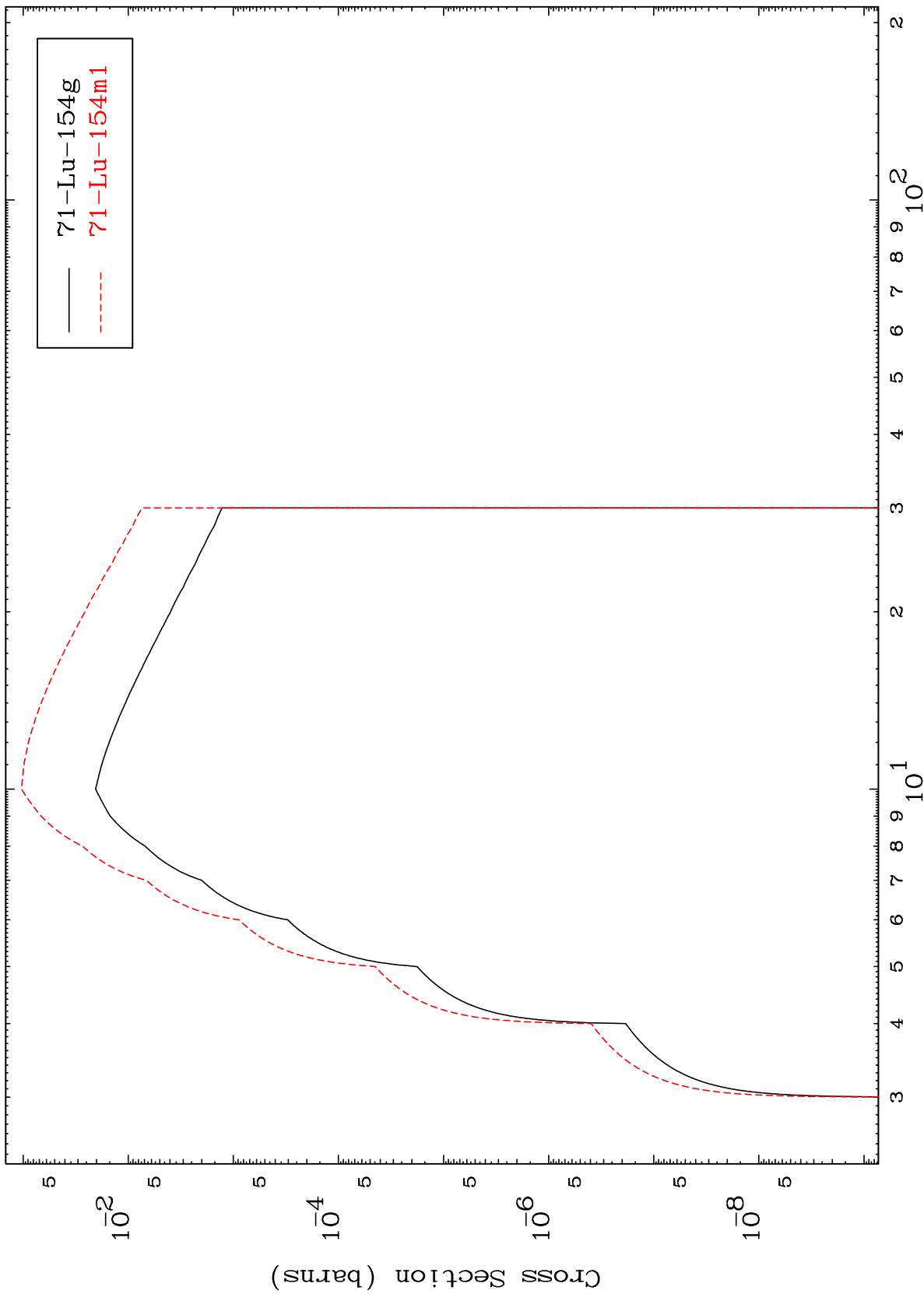
70-Yb-153



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70-Yb-153

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

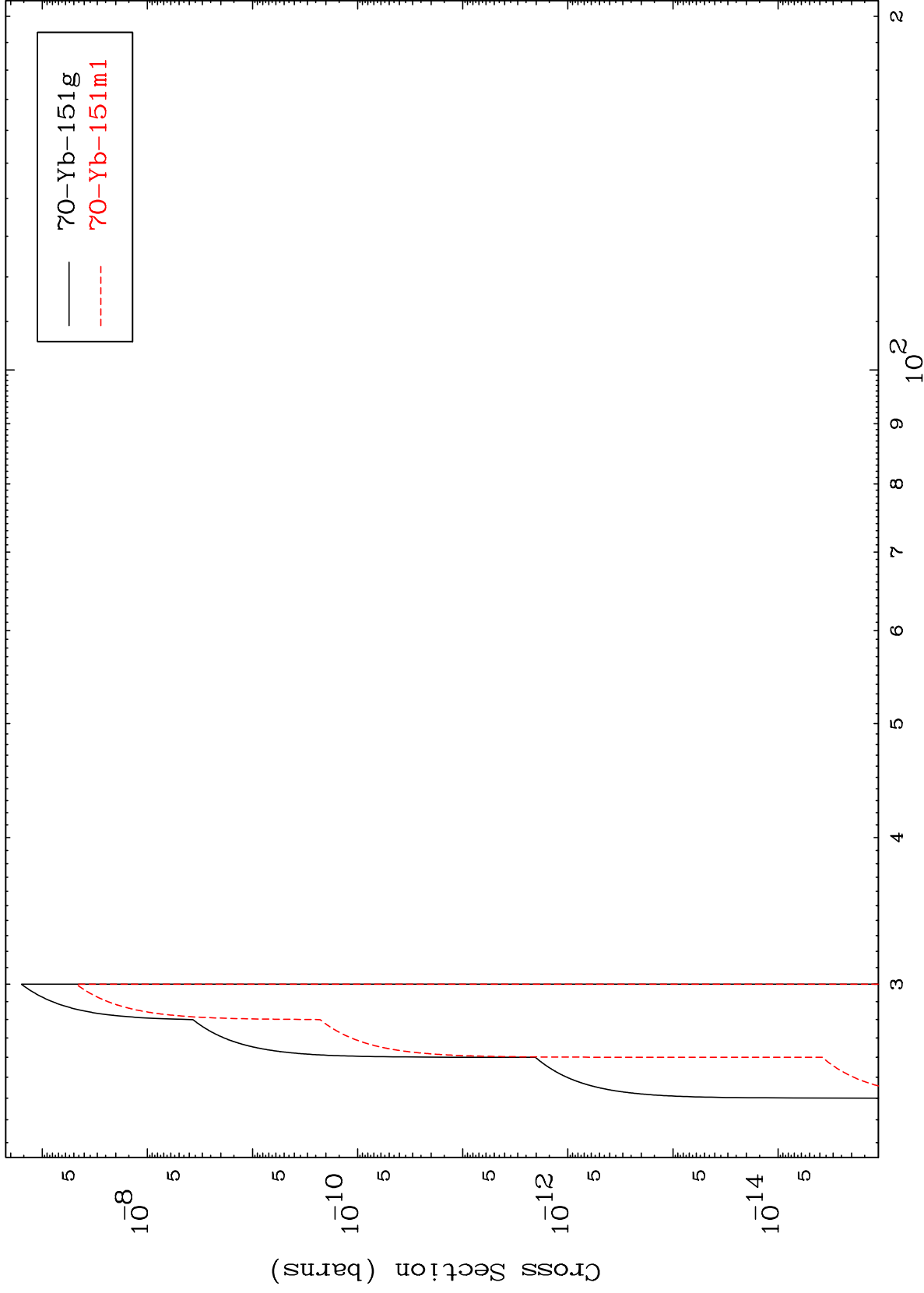
70-Yb-153

MAT 6980

(n,2n) d

70-Yb-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

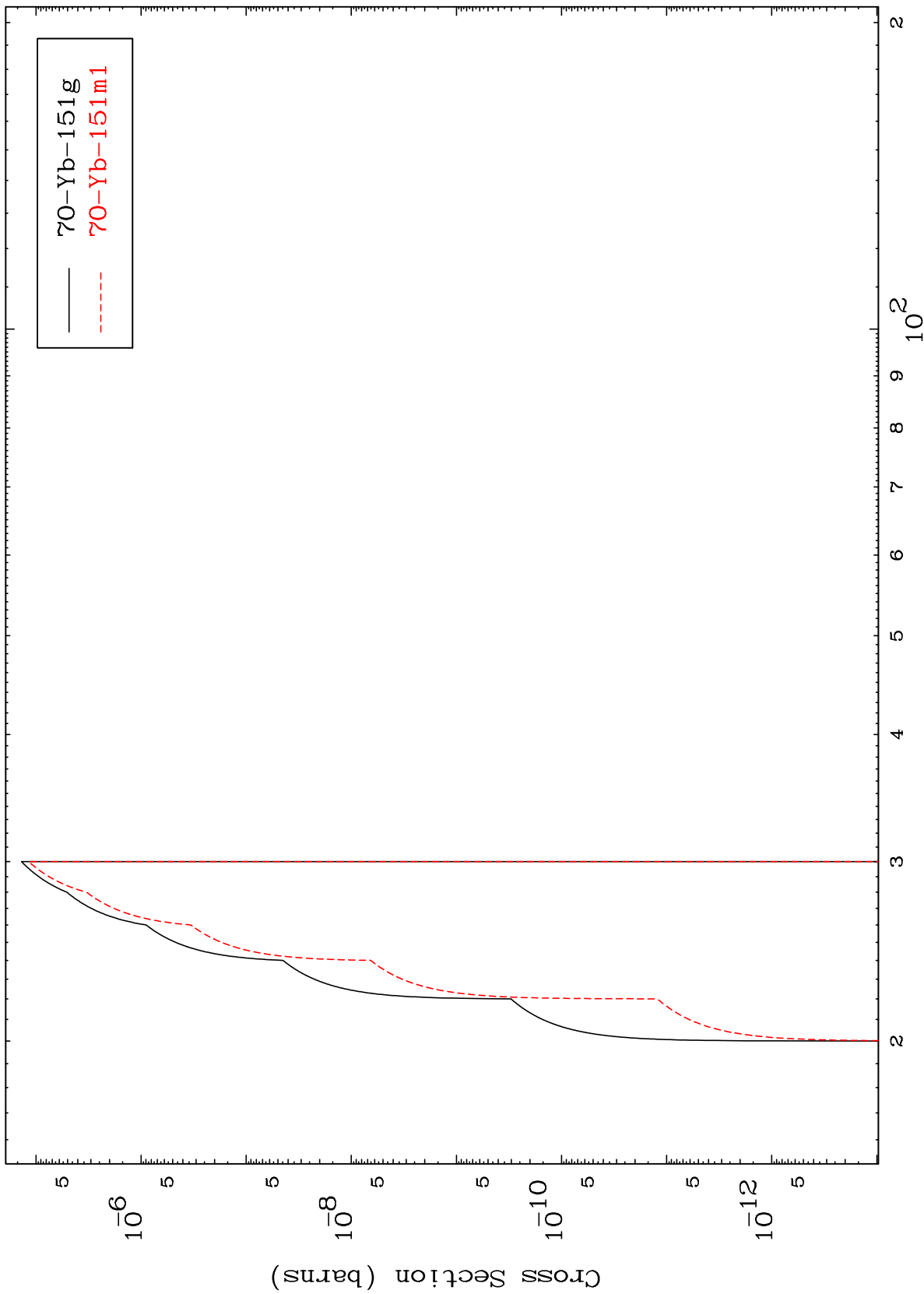
70-Yb-153

MAT 6980

(n,n') t

70-Yb-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

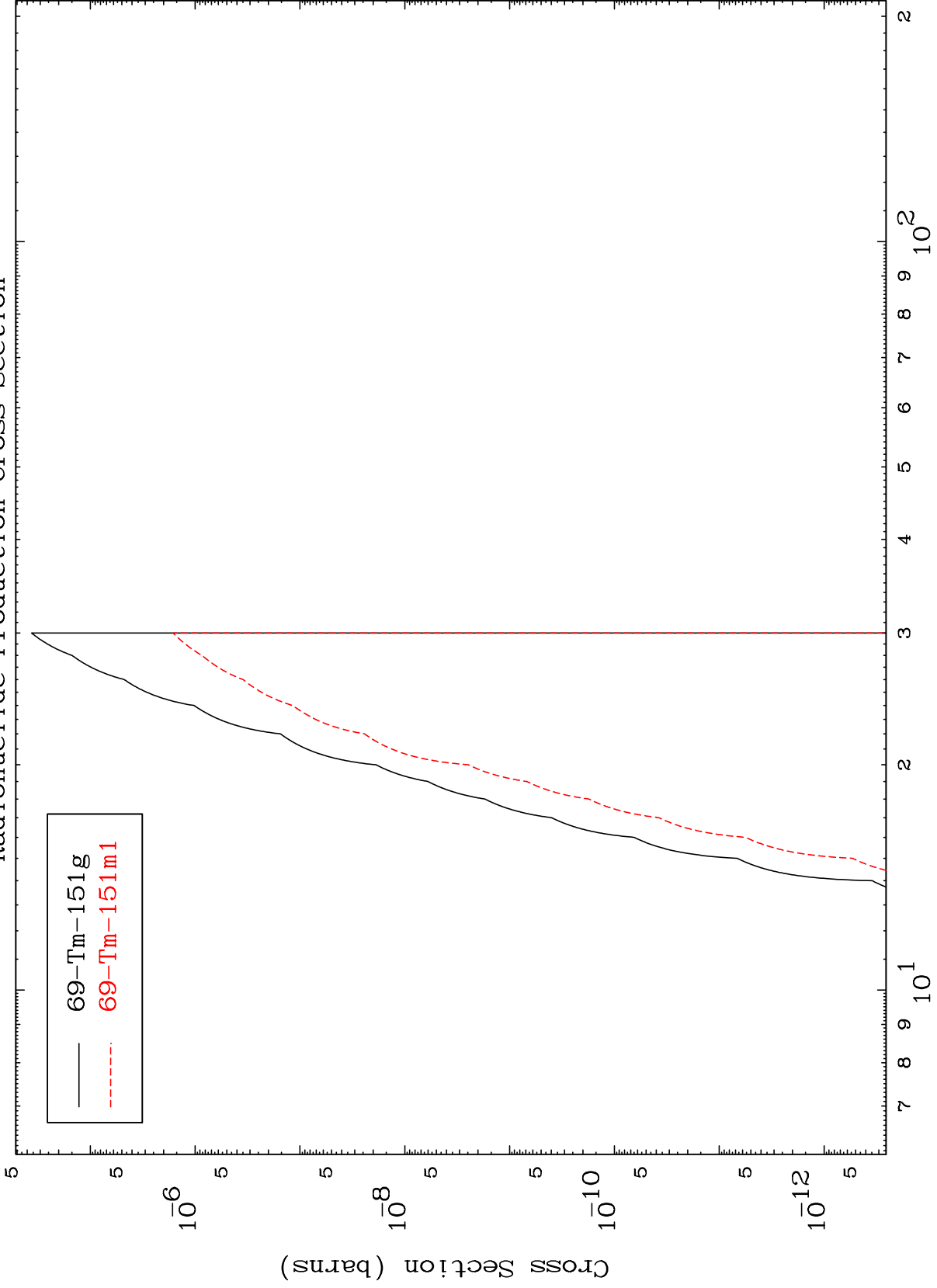
70-Yb-153

MAT 6980

(n,n') He-3

70-Yb-153

Radionuclide Production Cross Section



15

Incident Energy (MeV)

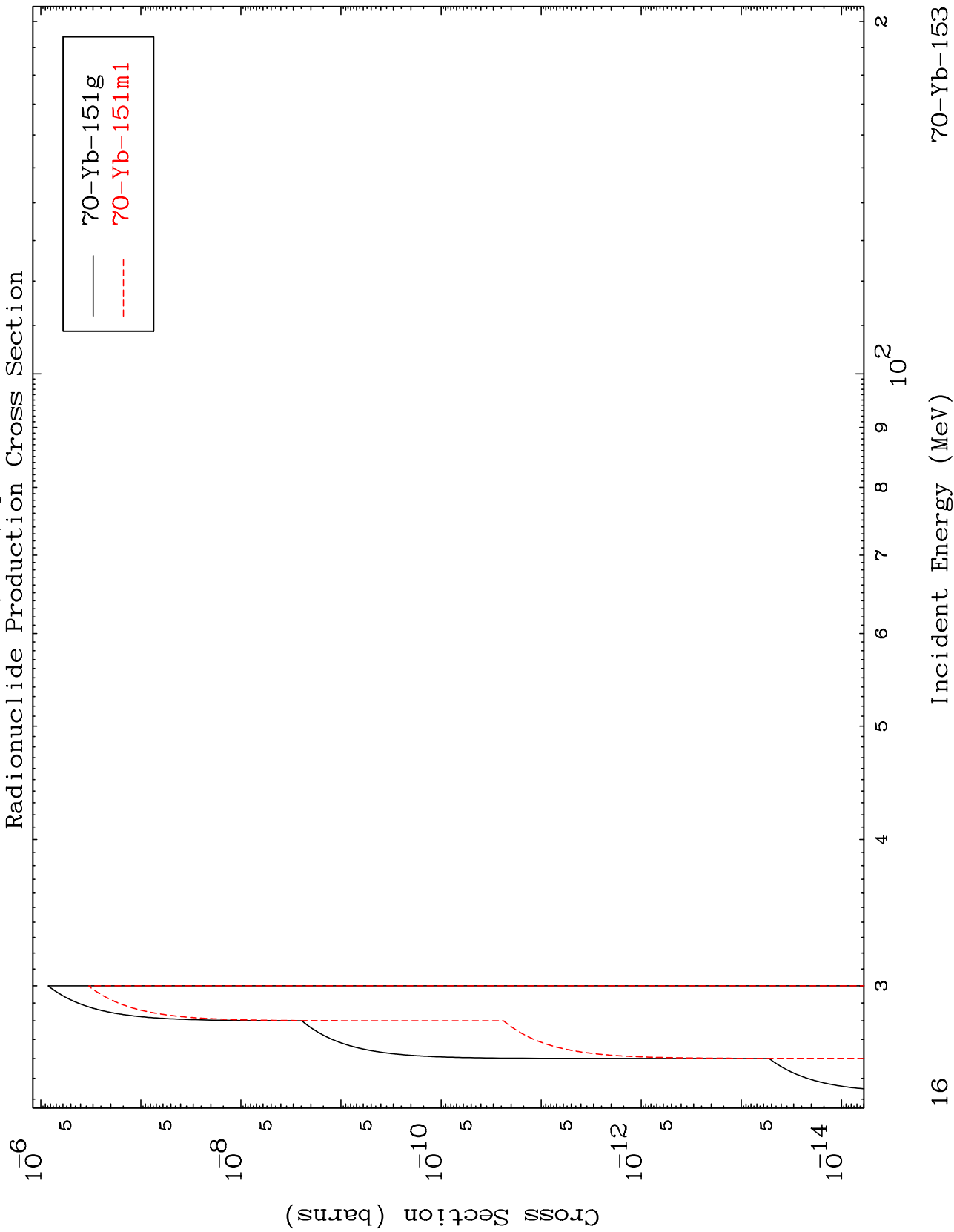
70-Yb-153

MAT 6980

(n,3n) p

70-Yb-153

Radionuclide Production Cross Section



16

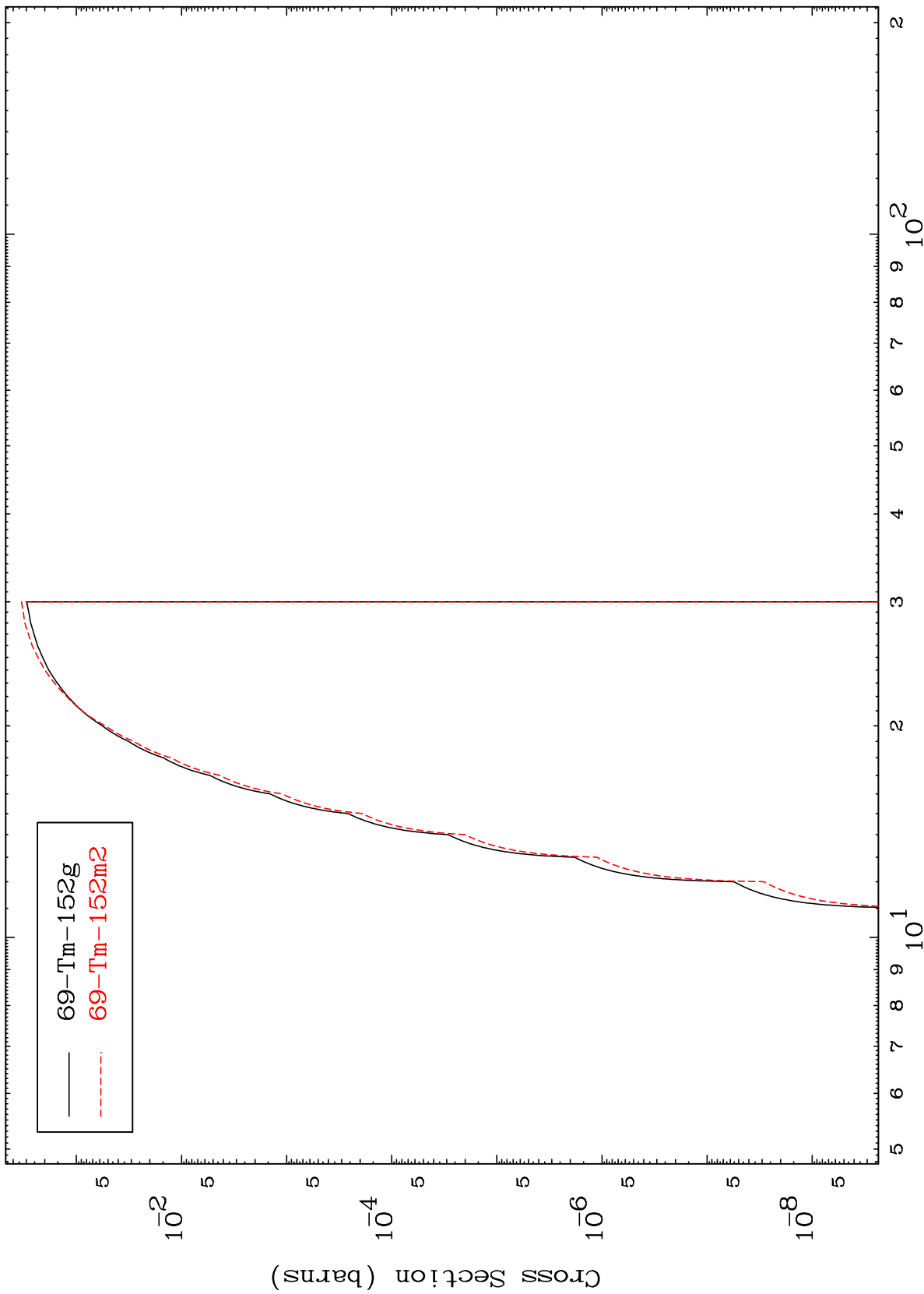
70-Yb-153

MAT 6980

(n,2n) p

70-Yb-153

Radionuclide Production Cross Section



17

Incident Energy (MeV)

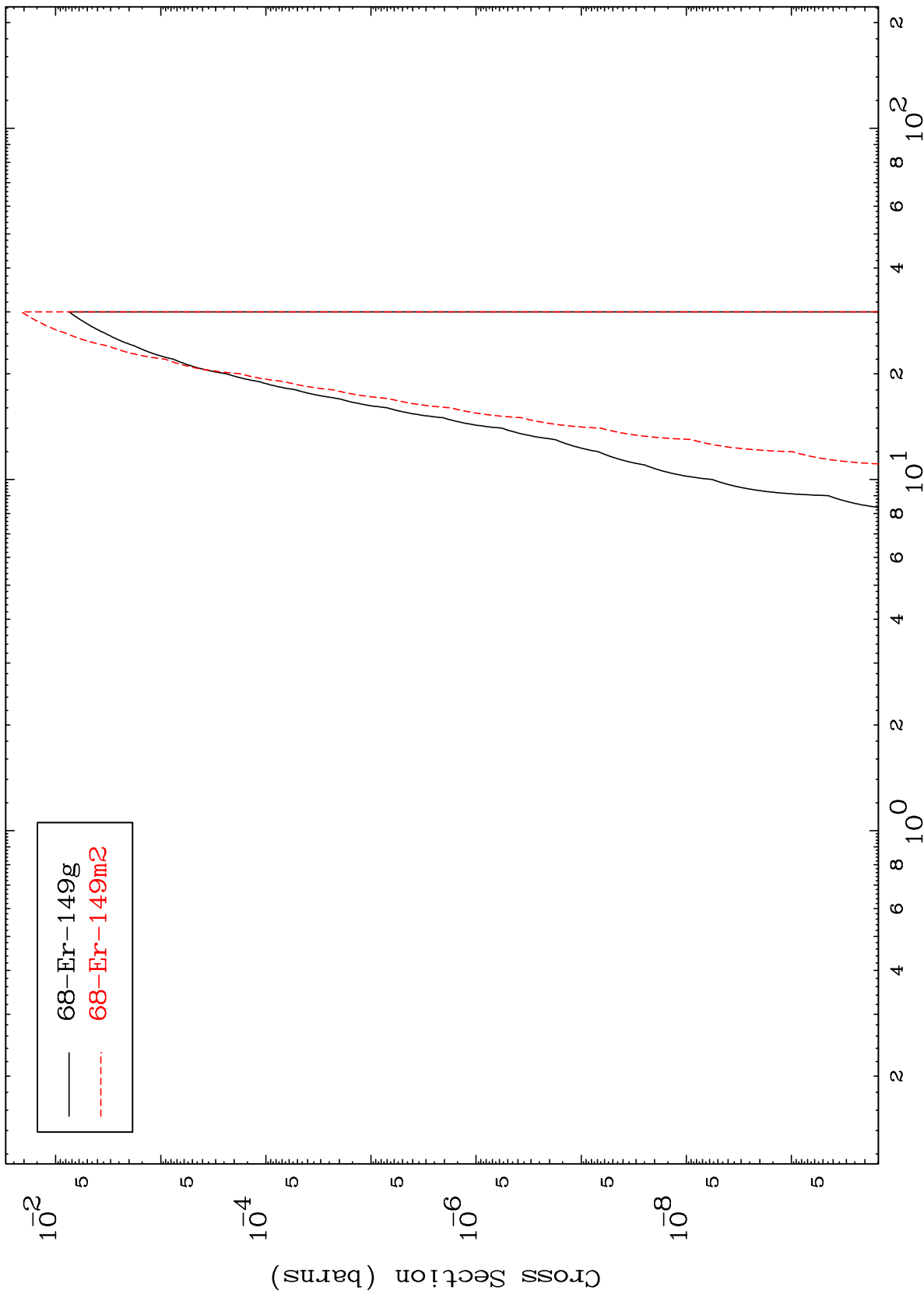
70-Yb-153

MAT 6980

(n,n') p α

70-Yb-153

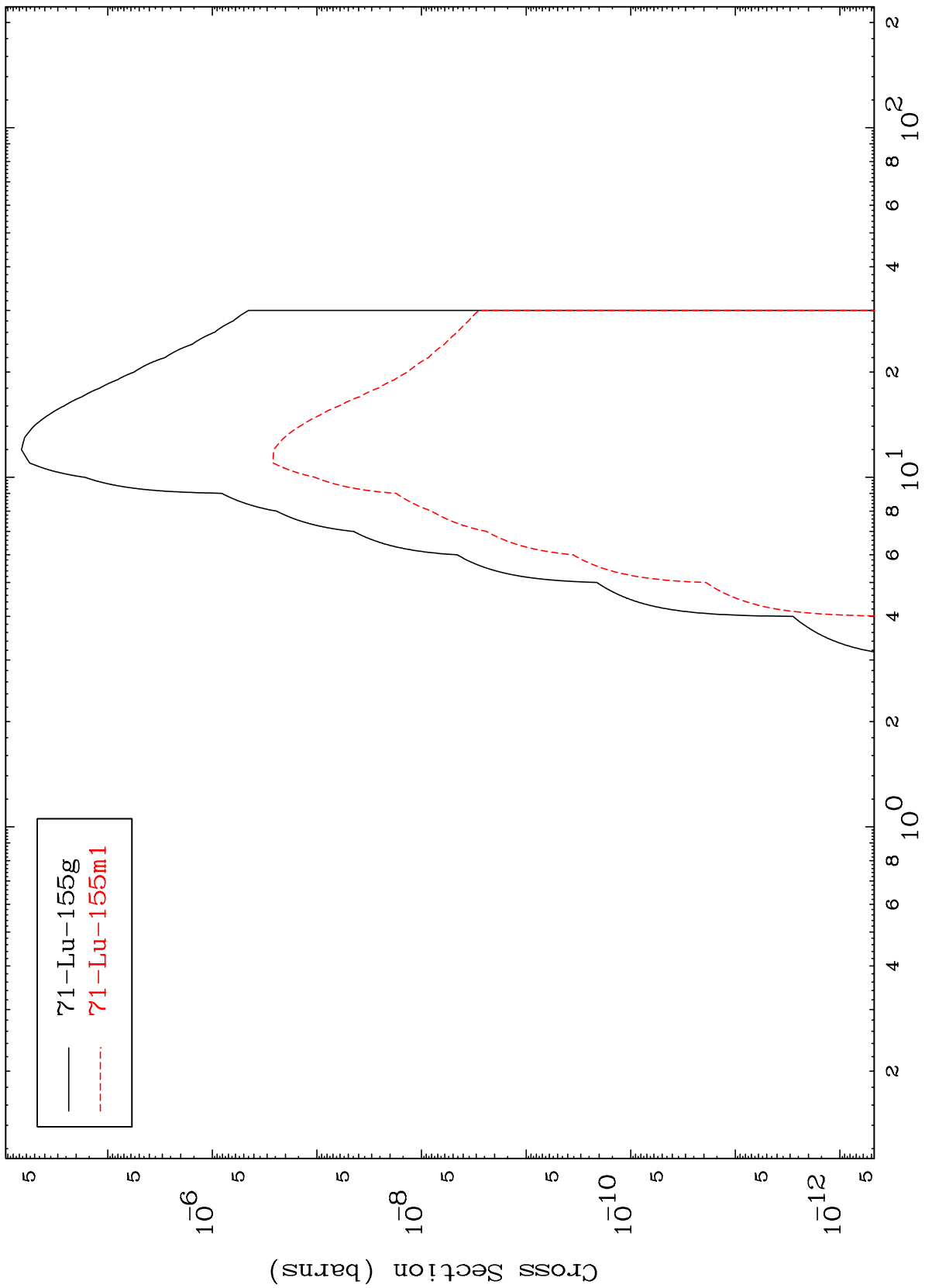
Radionuclide Production Cross Section



MAT 6980

70-Yb-153

(n, γ)
Radionuclide Production Cross Section



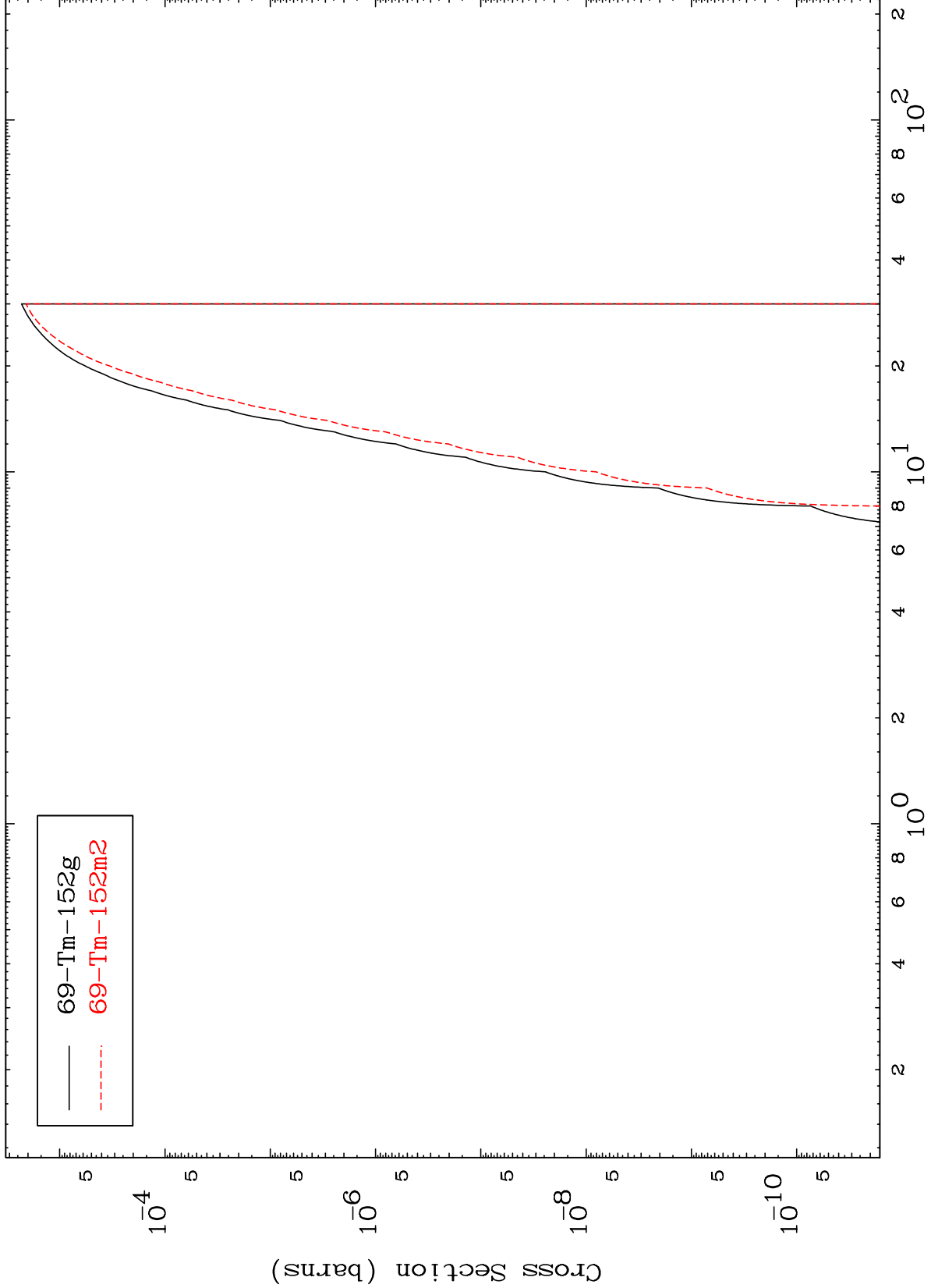
— 71-Lu-155g
- - - 71-Lu-155m1

MAT 6980

(n,He-3)

70-Yb-153

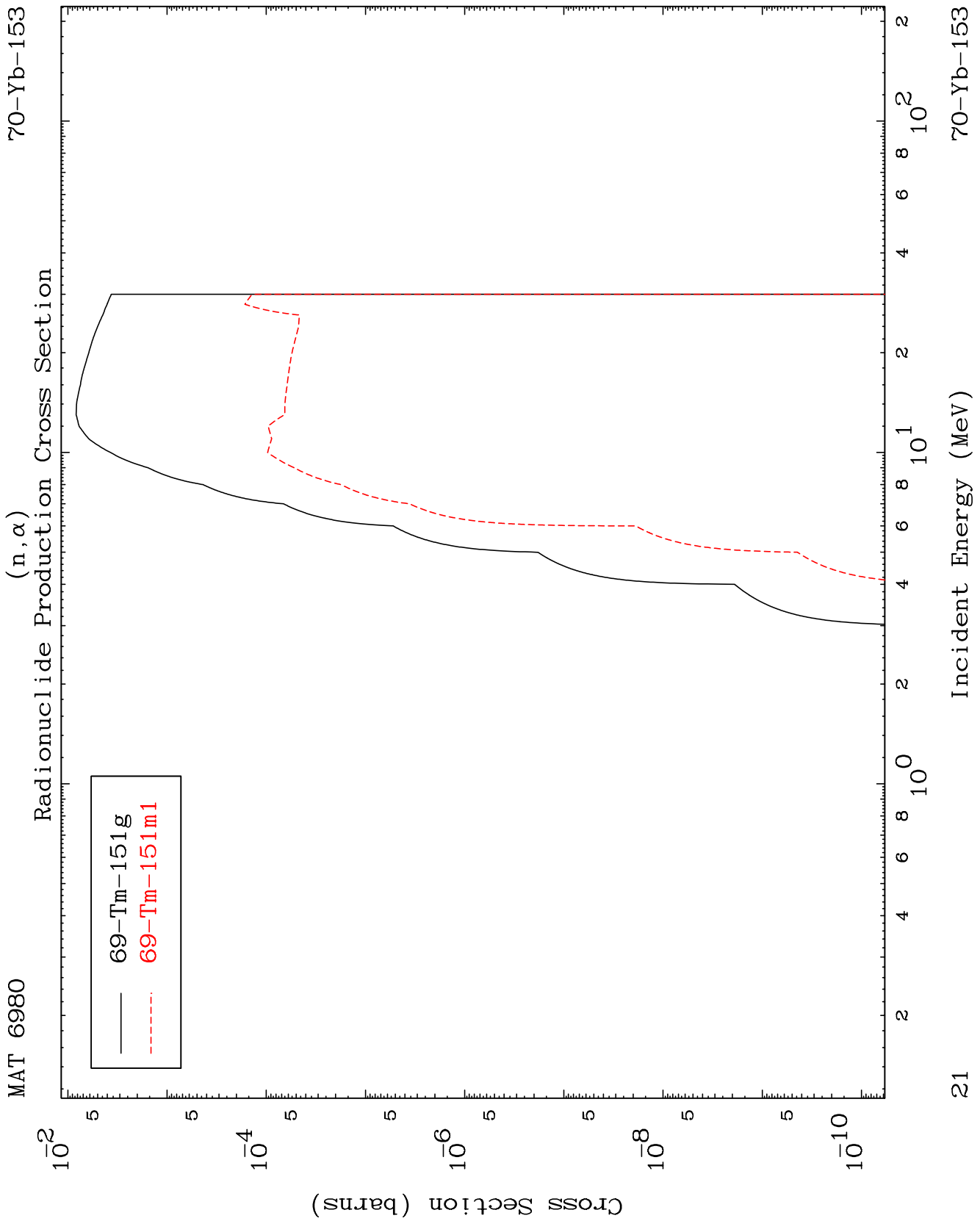
Radionuclide Production Cross Section



20

Incident Energy (MeV)

70-Yb-153

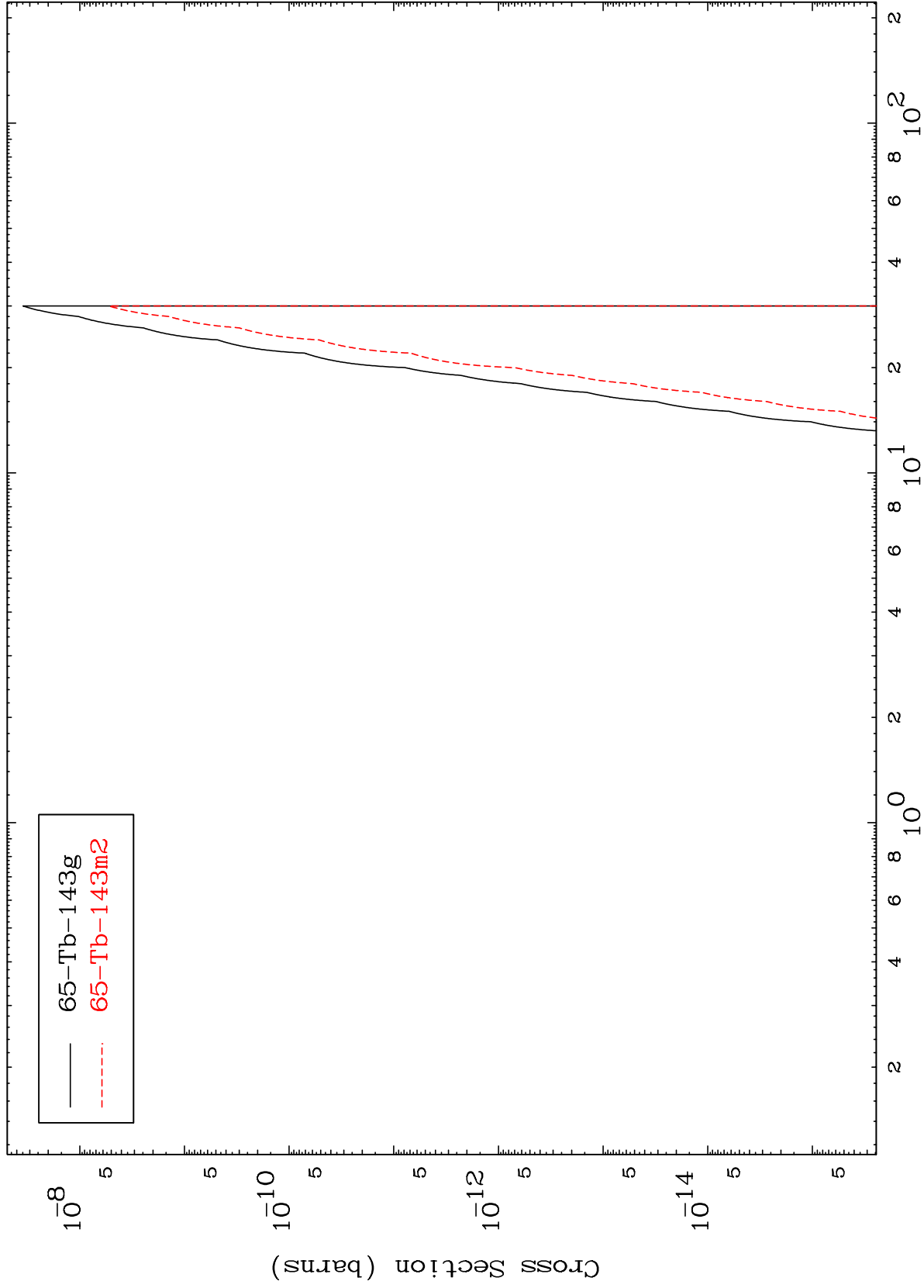


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(n, 3 α)

70-Yb-153

Radionuclide Production Cross Section

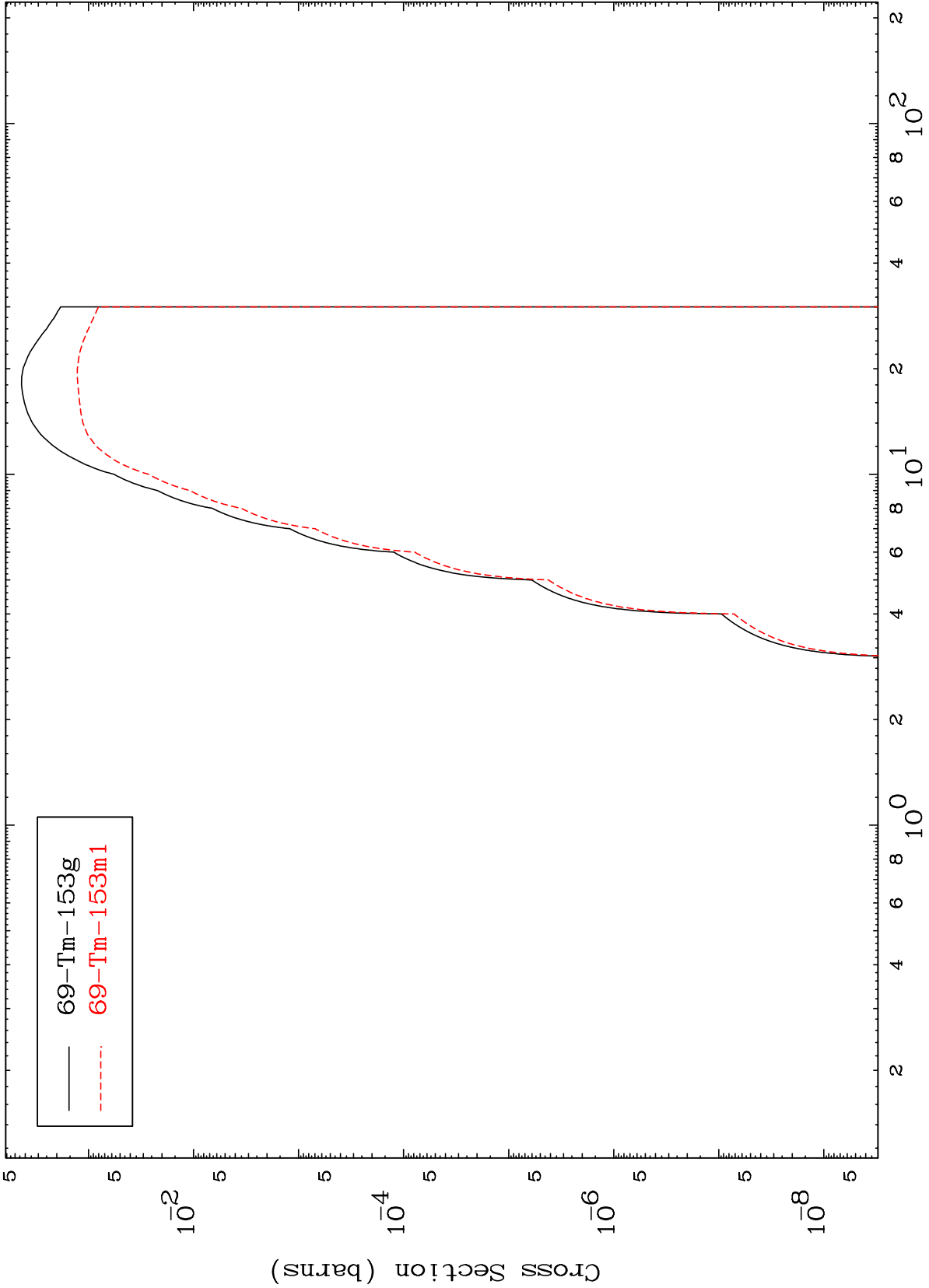


MAT 6980

(n,2p)

70-Yb-153

Radionuclide Production Cross Section

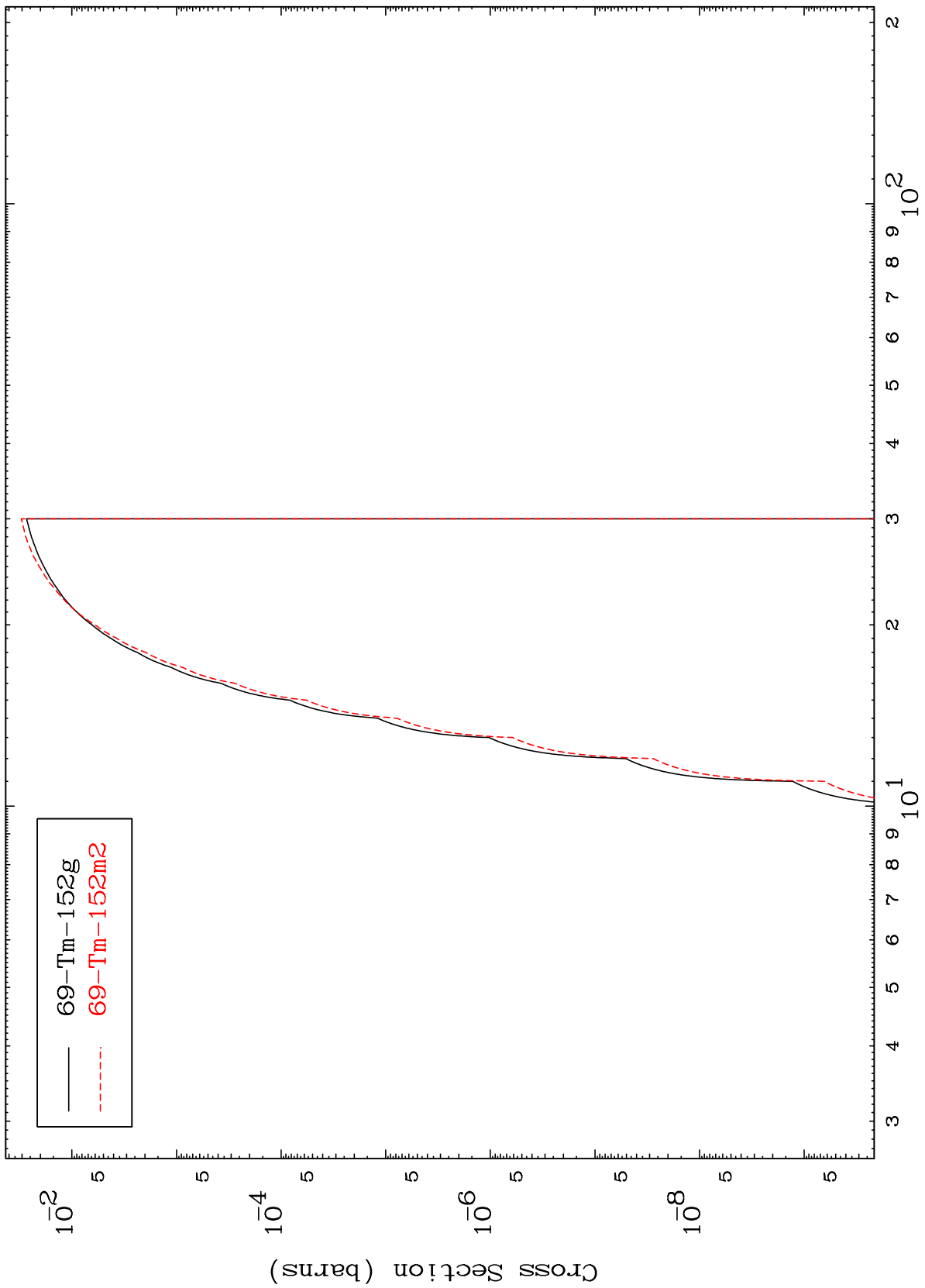


MAT 6980

(n,p) d

70-Yb-153

Radionuclide Production Cross Section



24

Incident Energy (MeV)

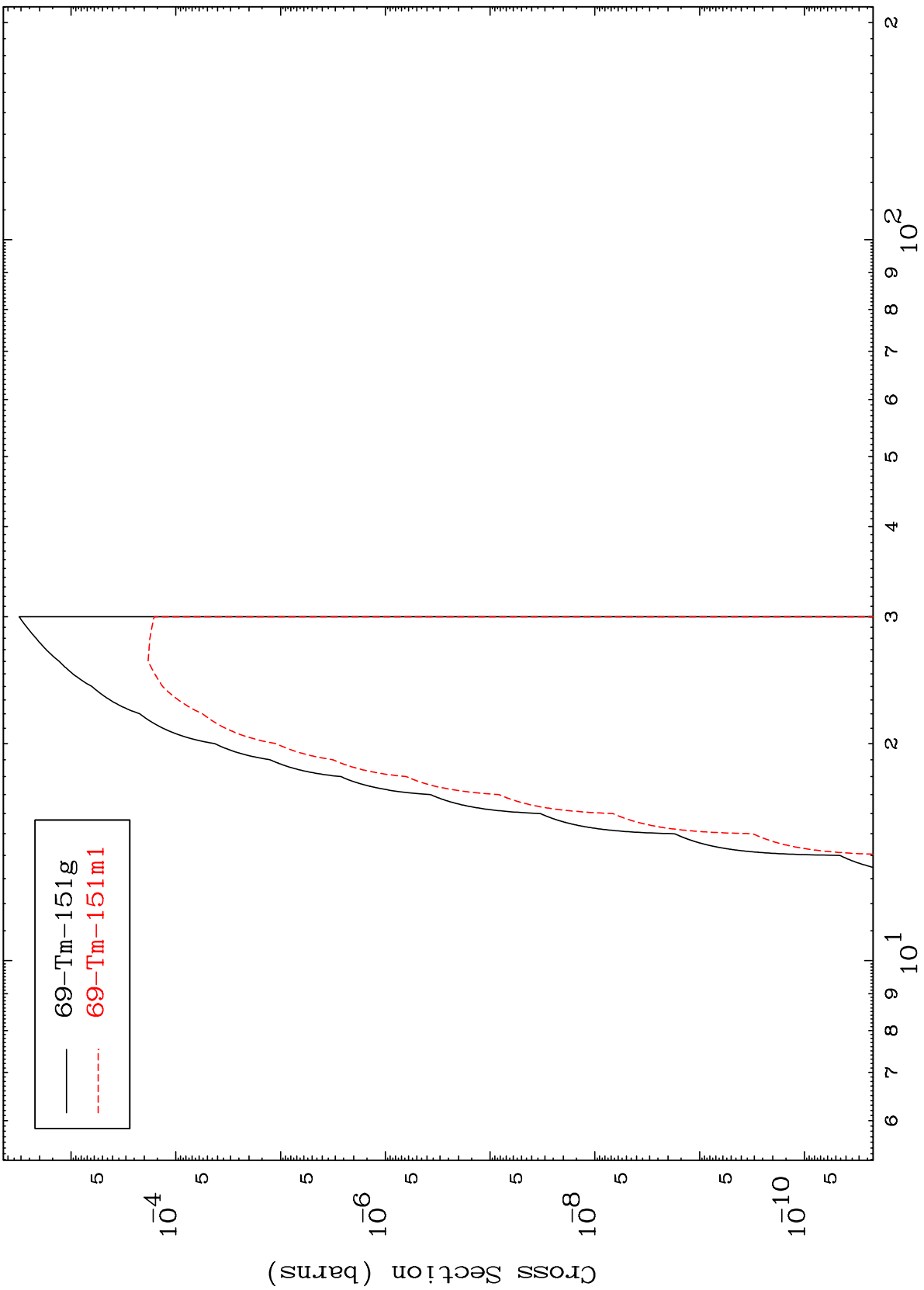
70-Yb-153

MAT 6980

(n,p) t

70-Yb-153

Radionuclide Production Cross Section



25

Incident Energy (MeV)

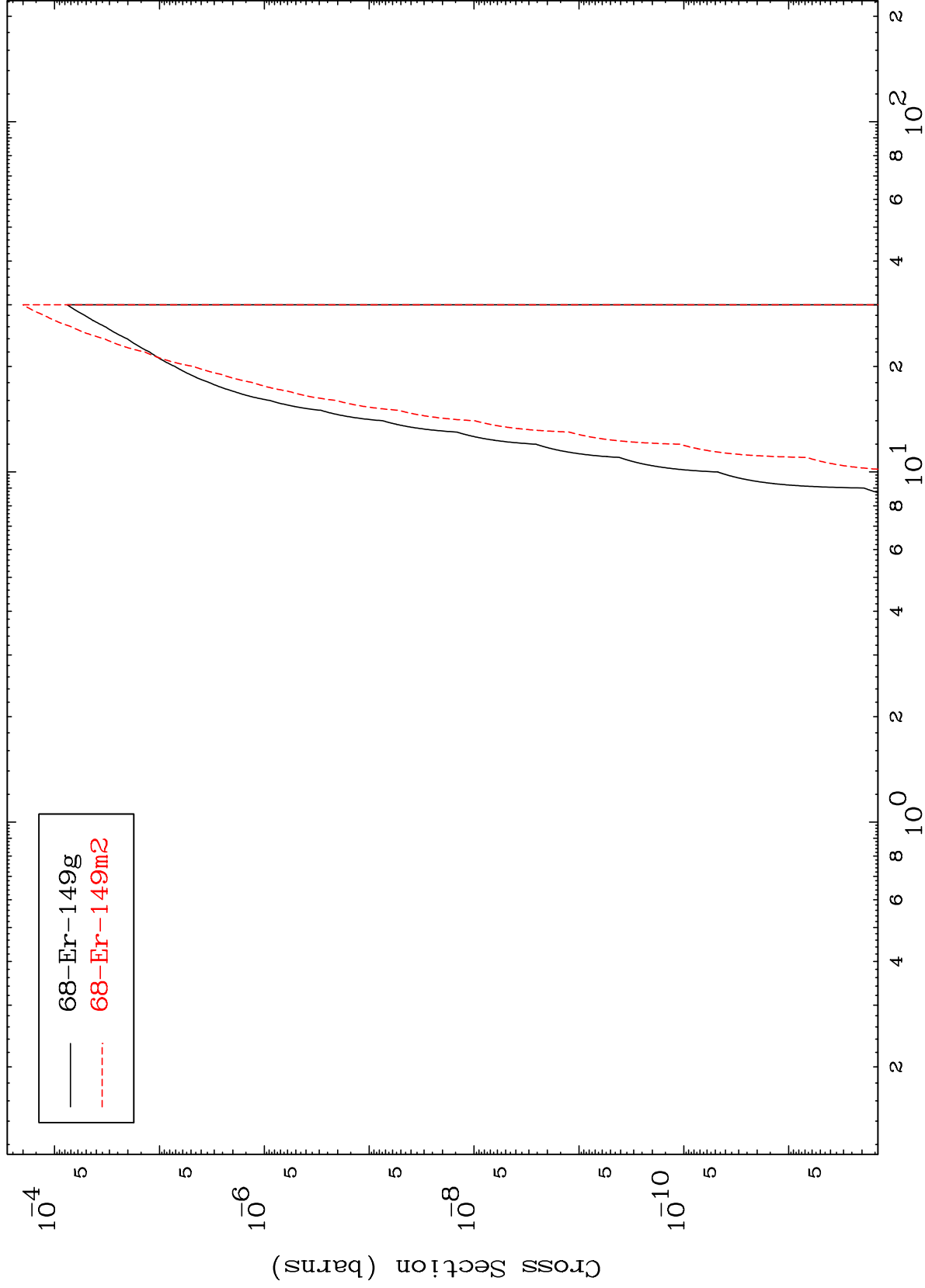
70-Yb-153

MAT 6980

(n,d) α

70-Yb-153

Radionuclide Production Cross Section



26

Incident Energy (MeV)

70-Yb-153