

Program EVALPLOT
(Version 2021-1)

by

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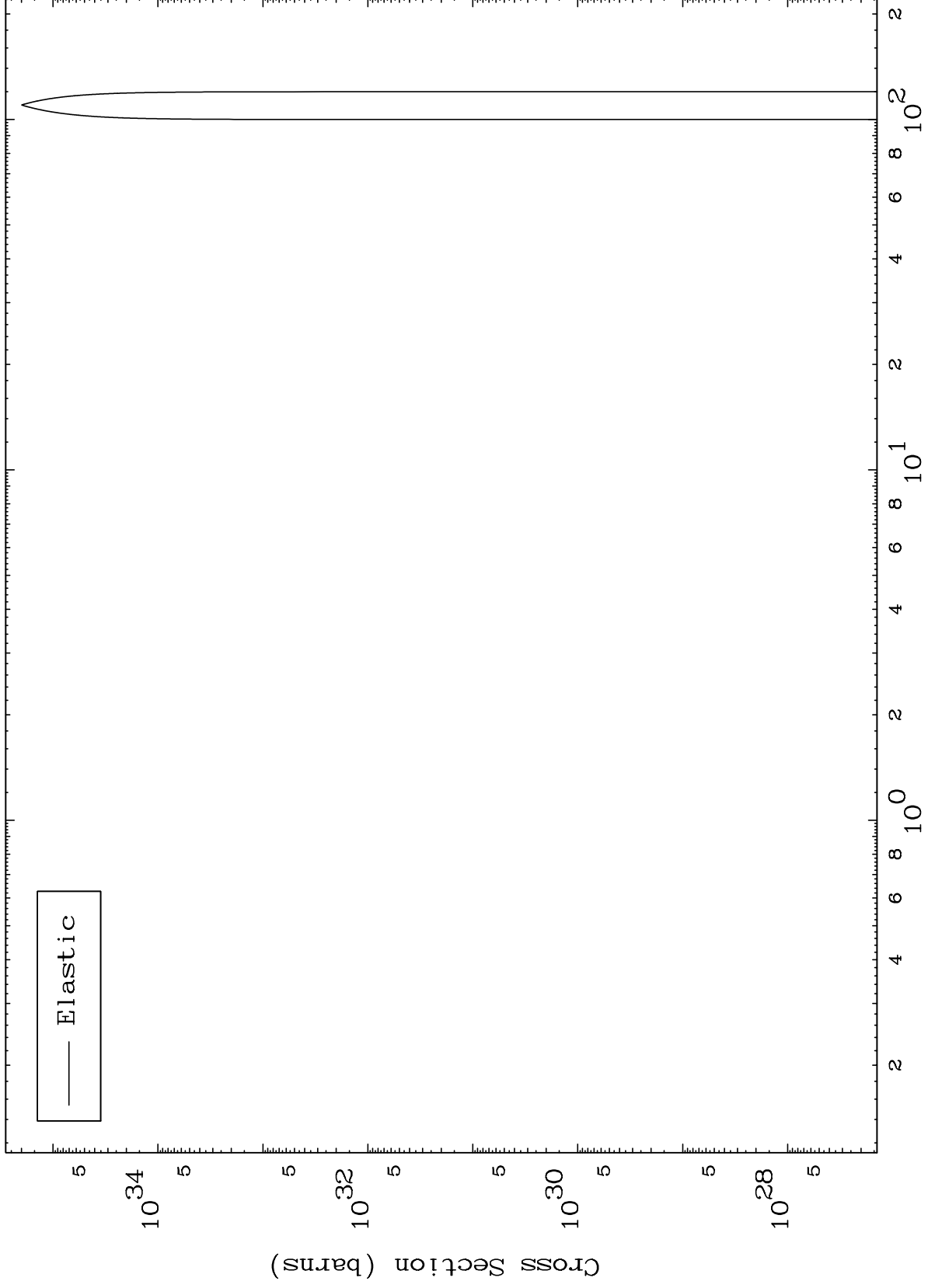
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7013

Deuteron Major
0 Kelvin Cross Sections

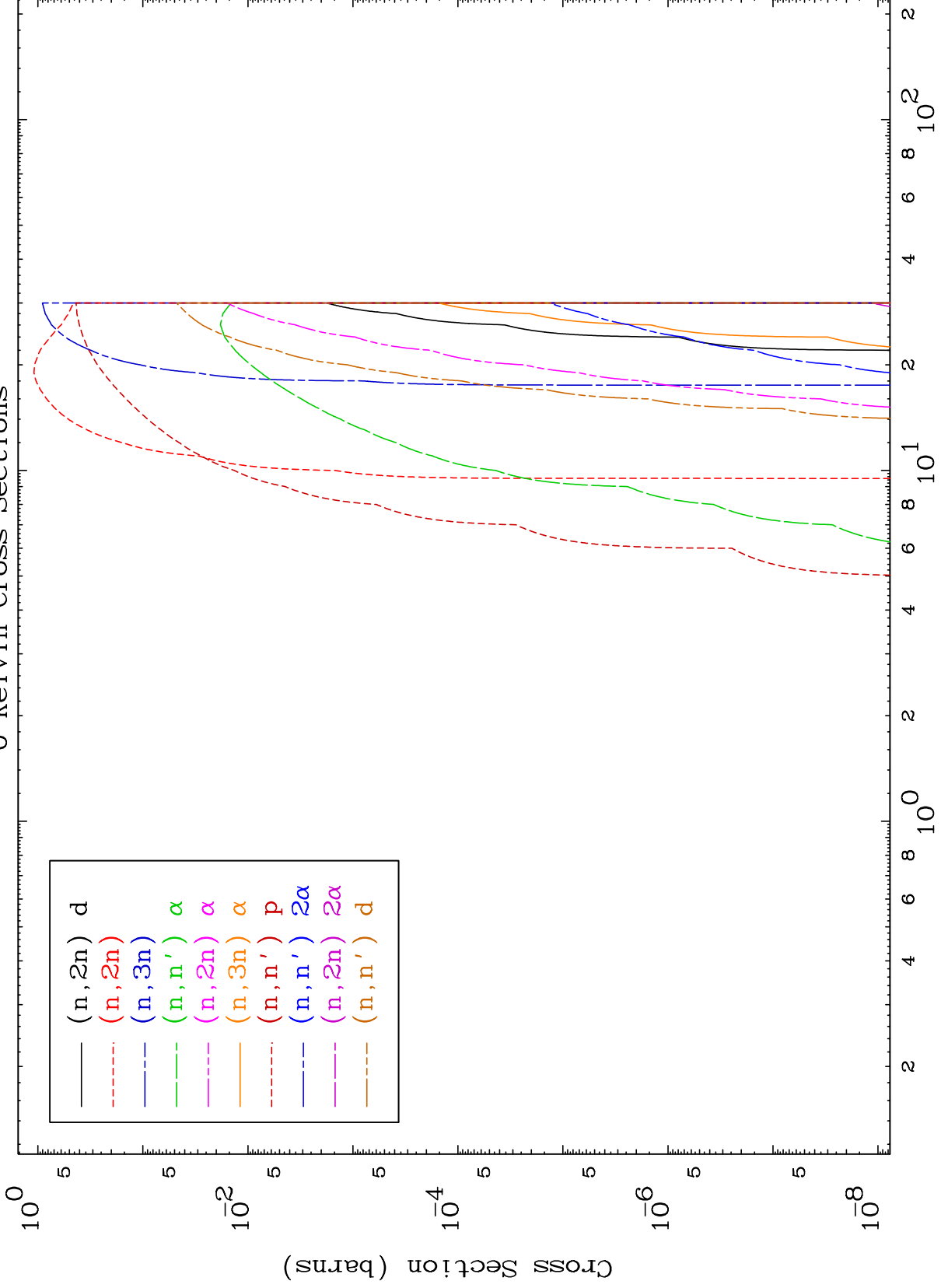
70-Yb-164

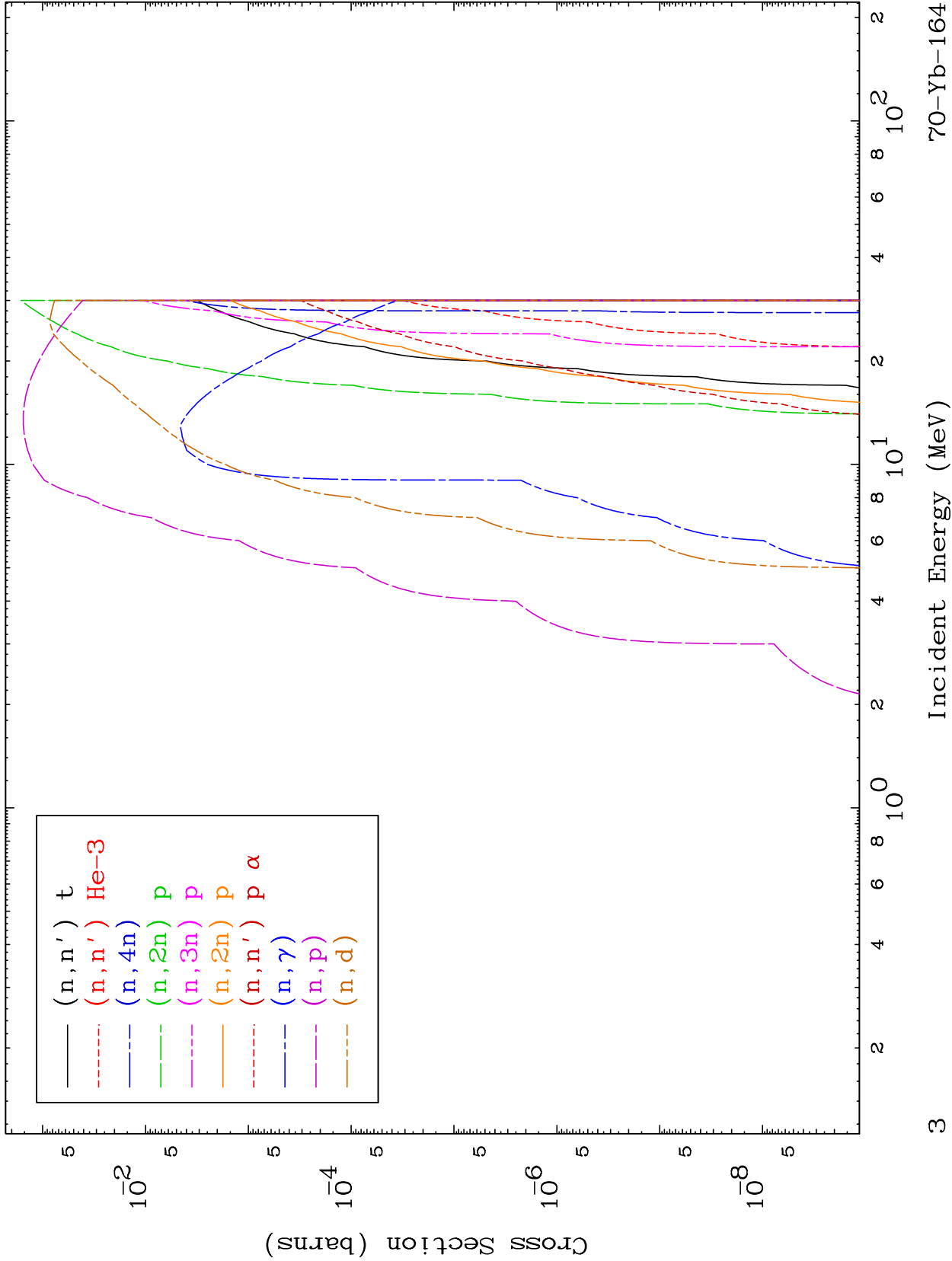


MAT 7013

Deuteron Neutron Absorption
0 Kelvin Cross Sections

70-Yb-164

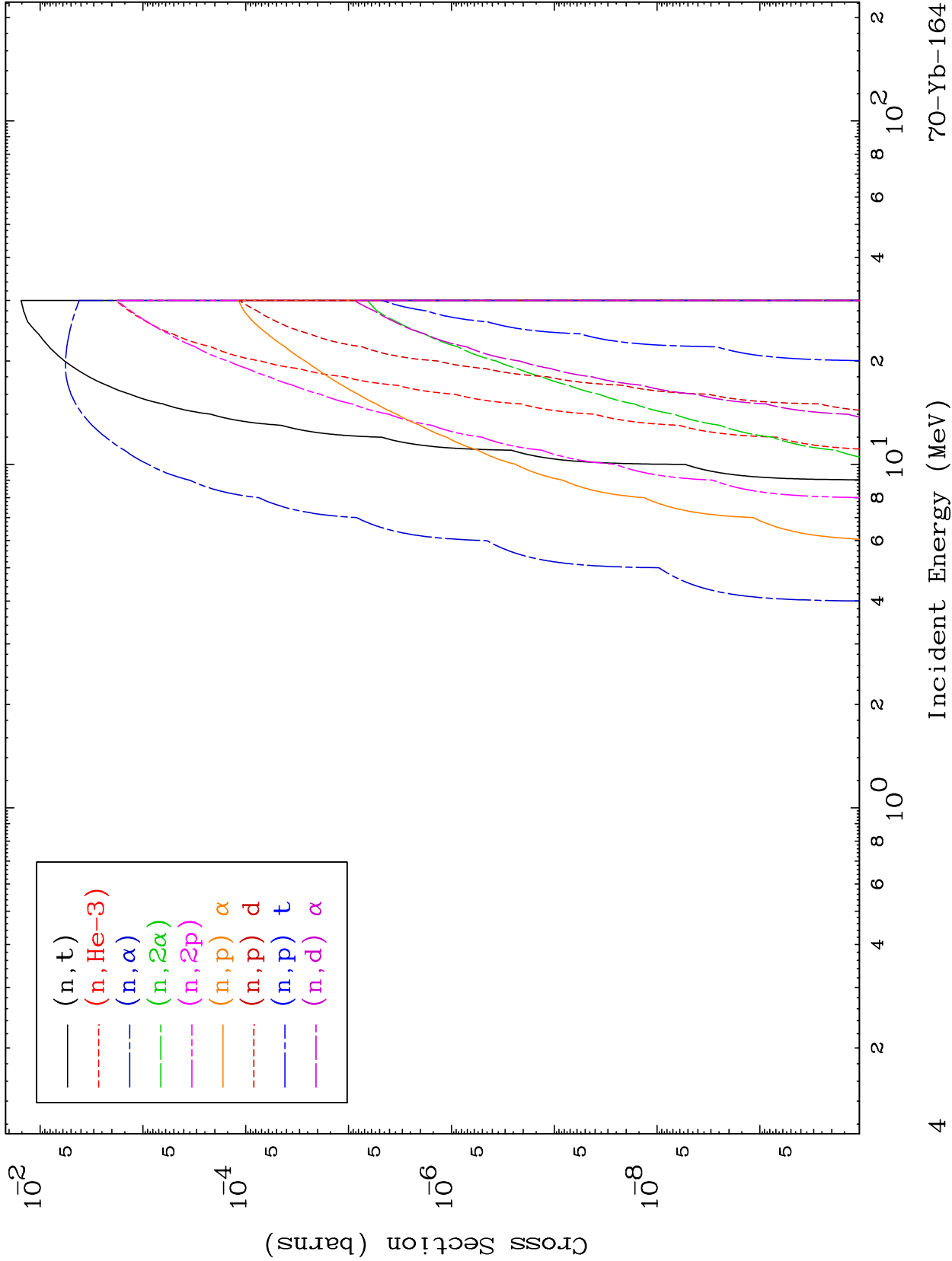




MAT 7013

Deuteron Neutron Absorption
0 Kelvin Cross Sections

70-Yb-164

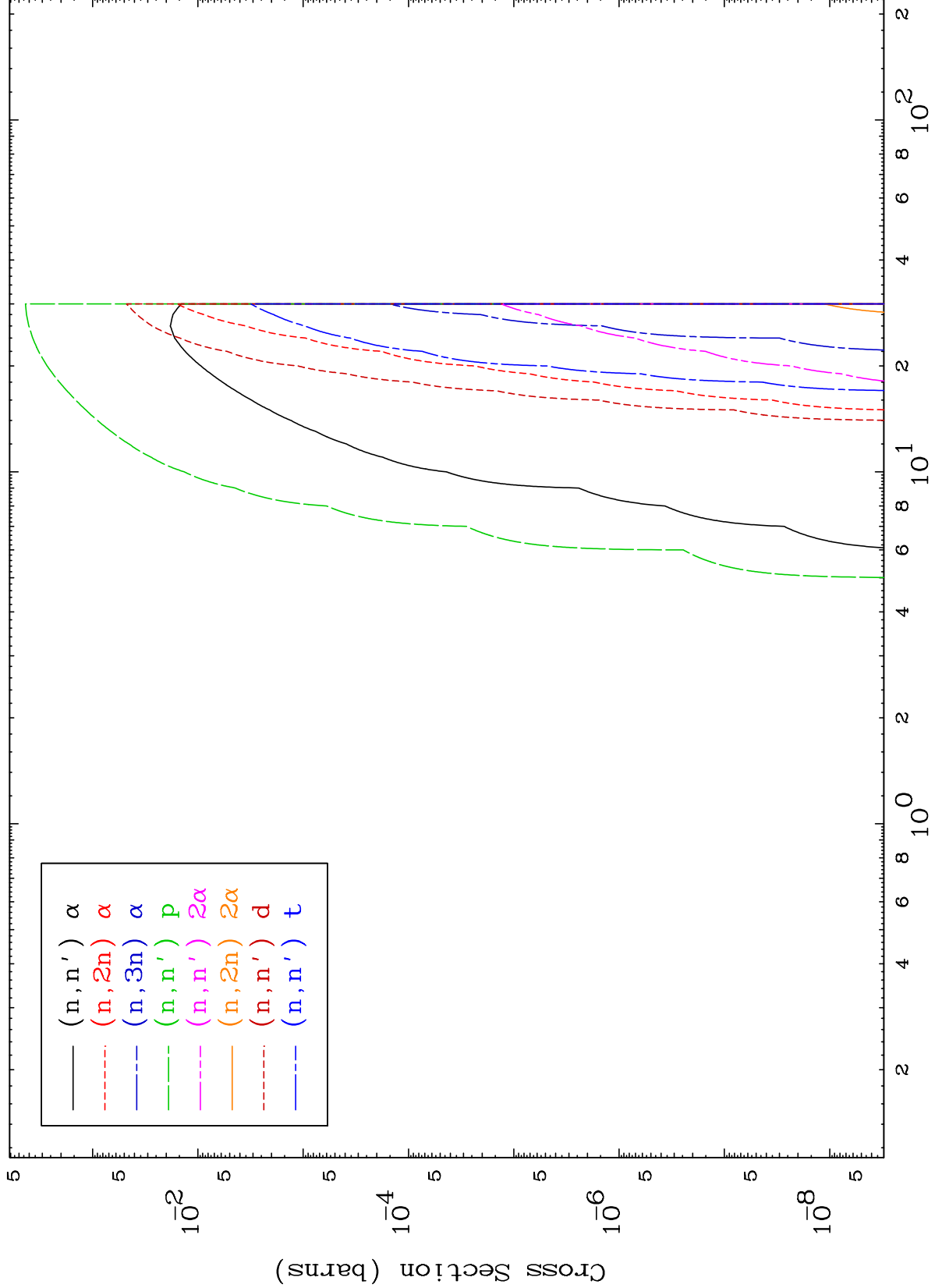


70-Yb-164

MAT 7013

Deuteron Charged Particle
0 Kelvin Cross Sections

70-Yb-164



5

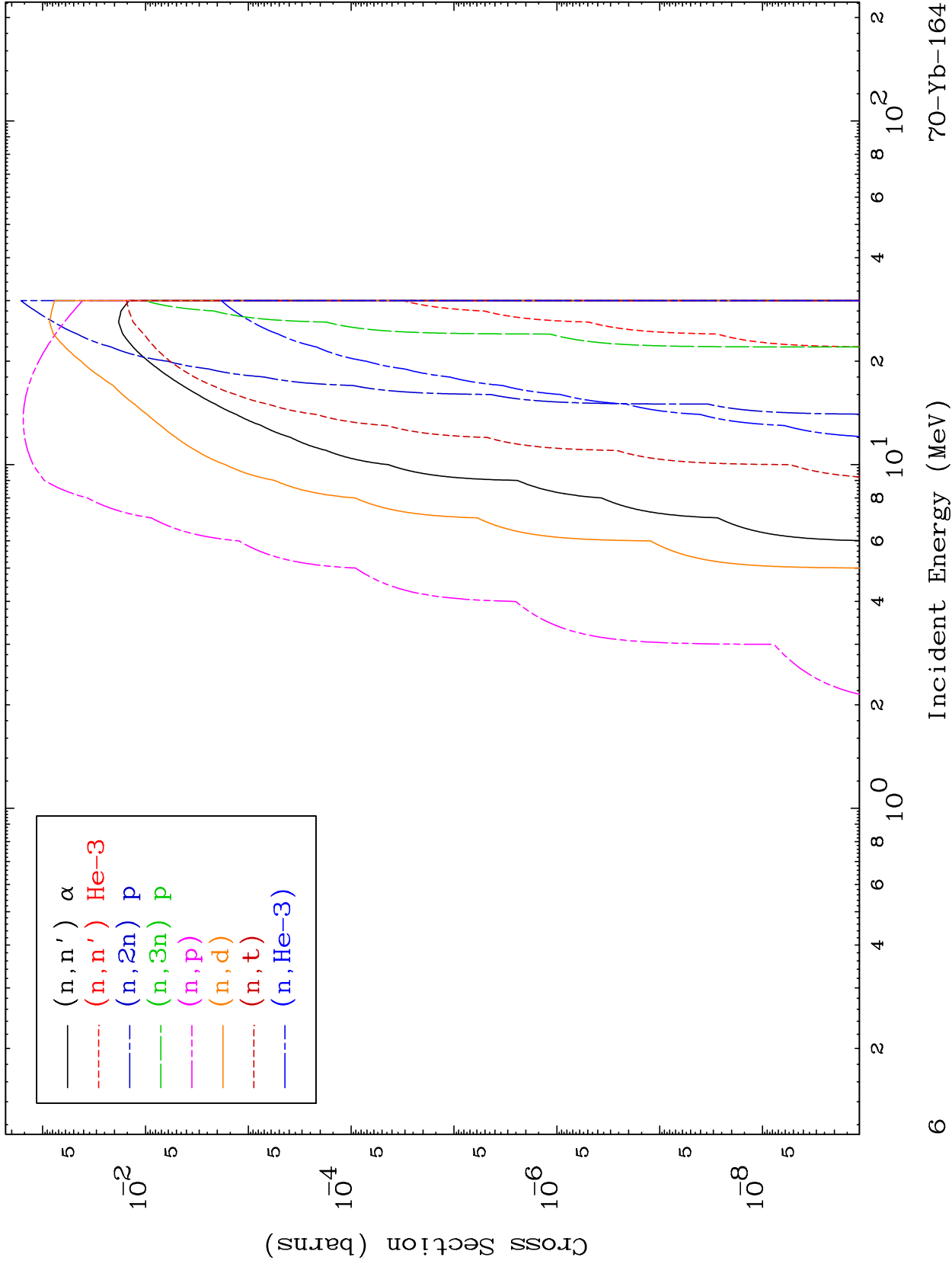
Incident Energy (MeV)

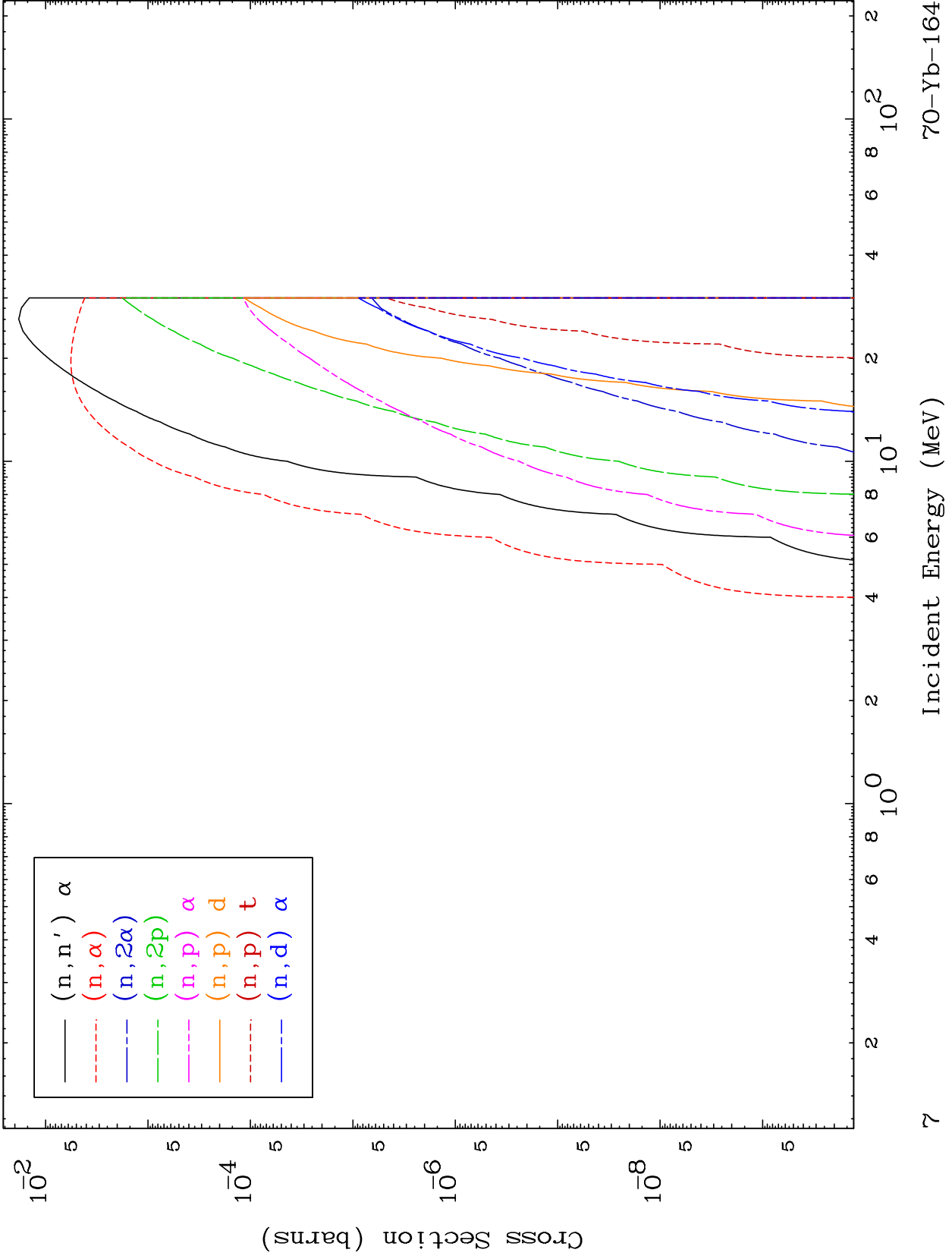
70-Yb-164

MAT 7013

Deuteron Charged Particle
0 Kelvin Cross Sections

70-Yb-164



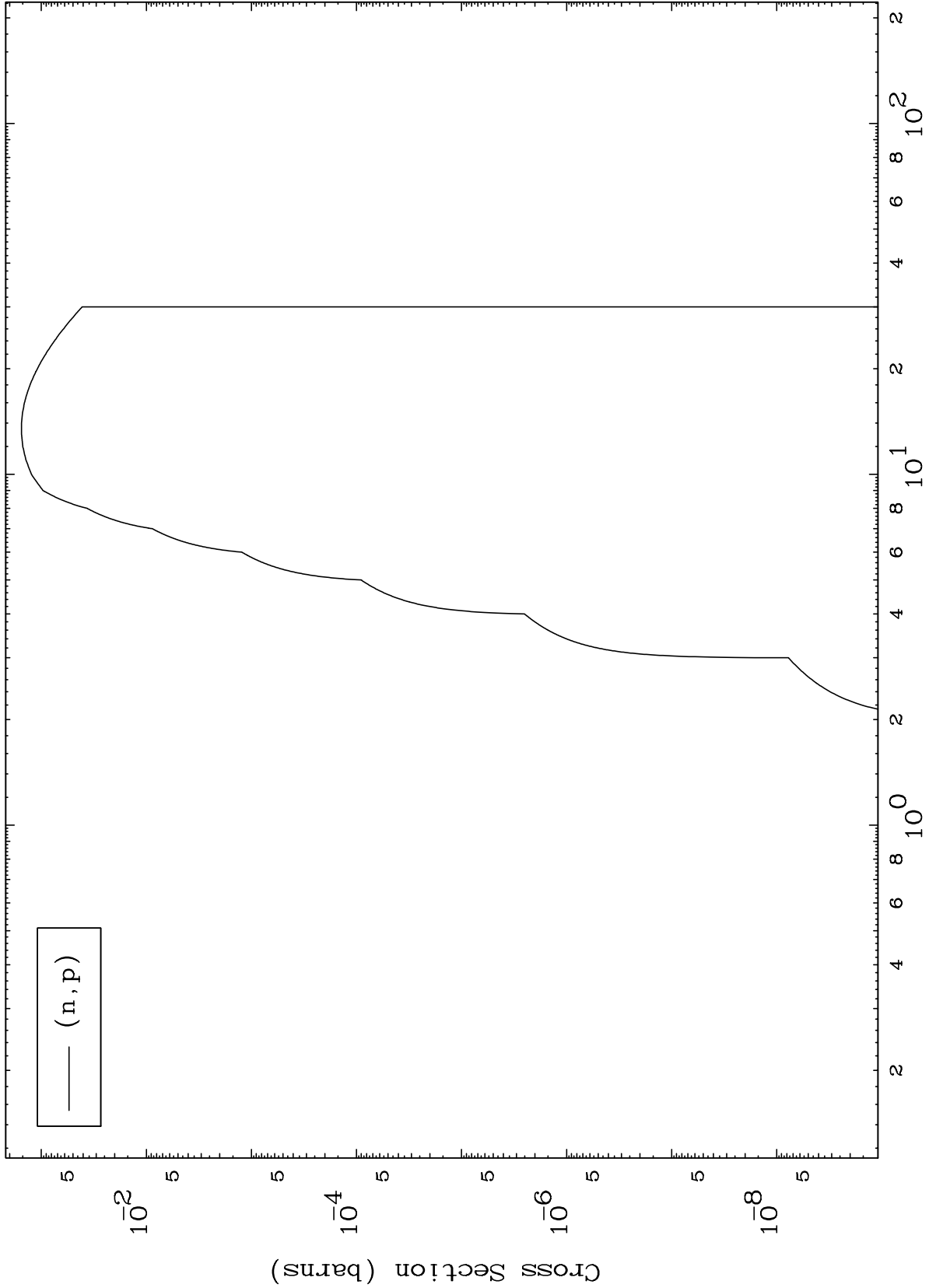


MAT 7013

(d,p) Levels

70-Yb-164

0 Kelvin Cross Sections

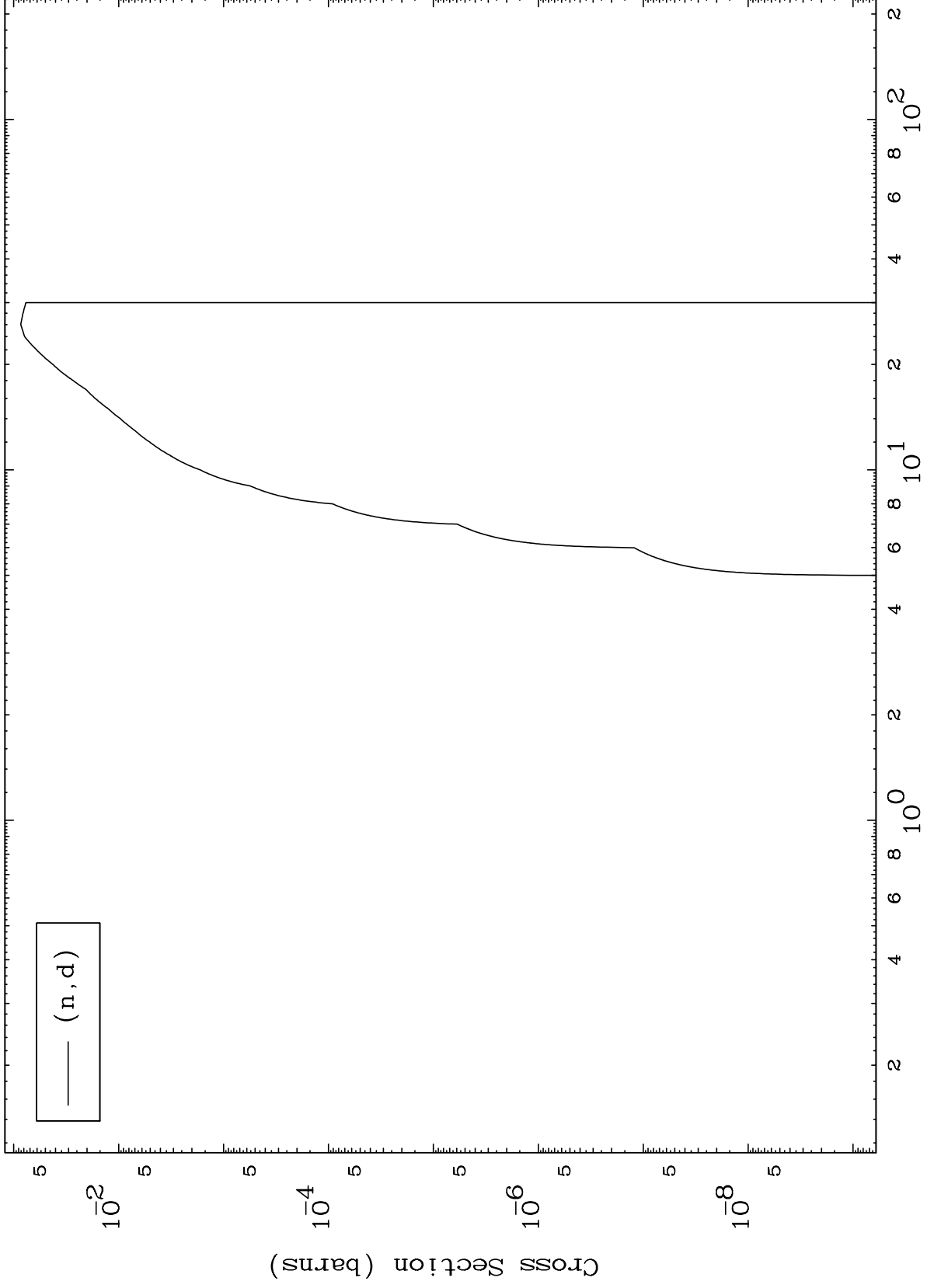


MAT 7013

(d,d) Levels

70-Yb-164

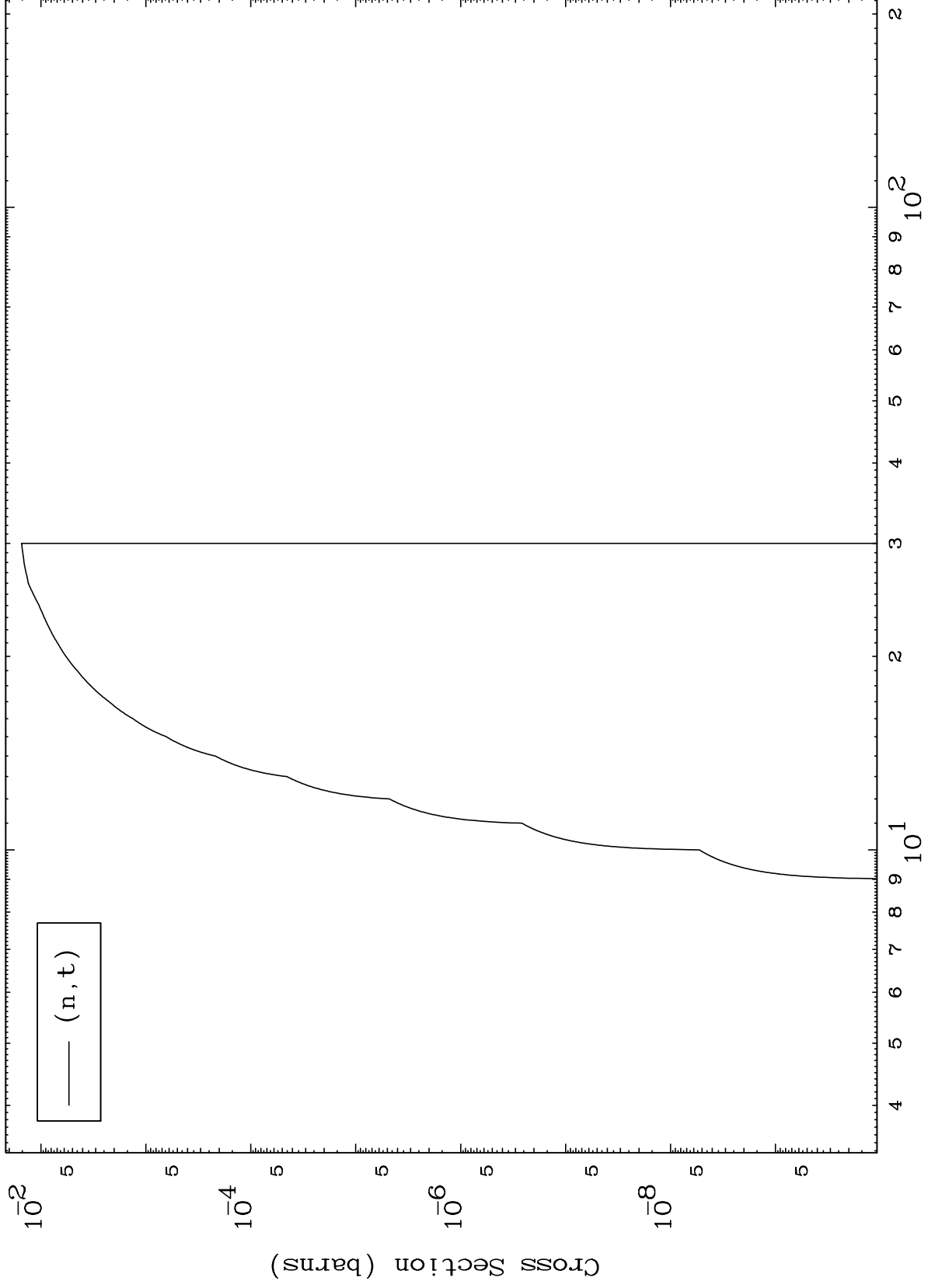
0 Kelvin Cross Sections



MAT 7013

(d,t) Levels
0 Kelvin Cross Sections

70-Yb-164



10

Incident Energy (MeV)

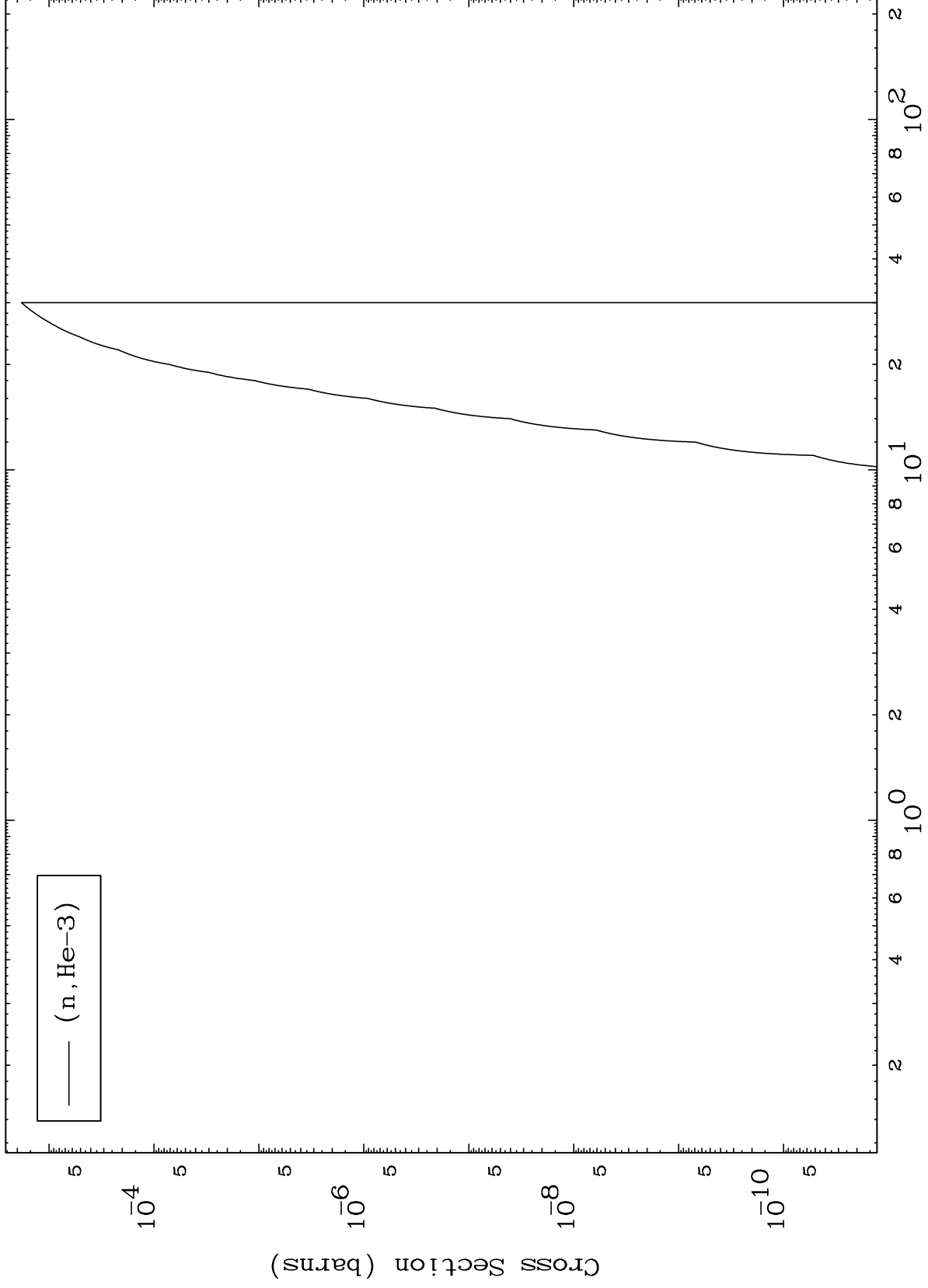
70-Yb-164

MAT 7013

(d,He3) Levels

70-Yb-164

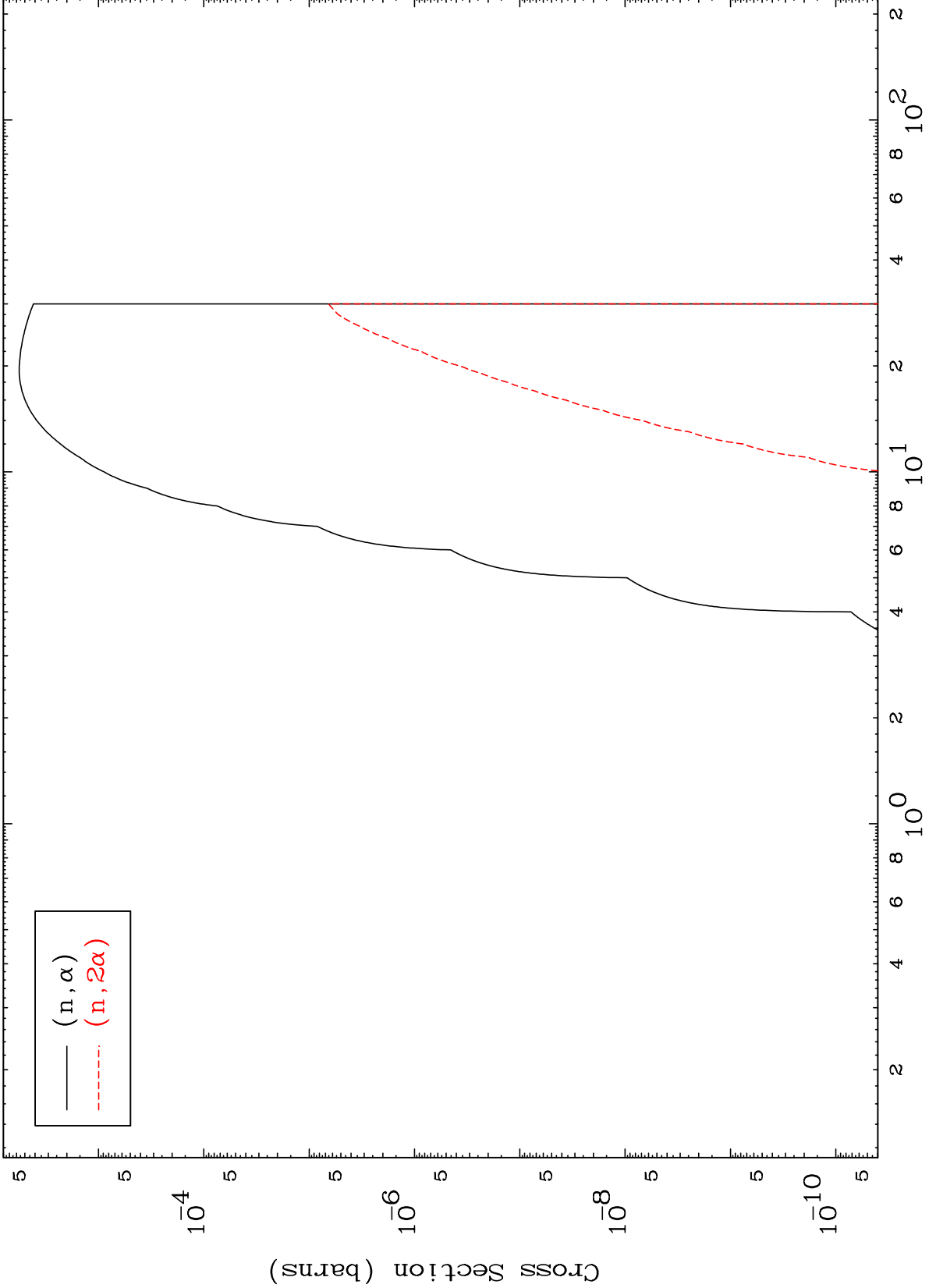
0 Kelvin Cross Sections



MAT 7013

(d, α) Levels
0 Kelvin Cross Sections

70-Yb-164



12

Incident Energy (MeV)

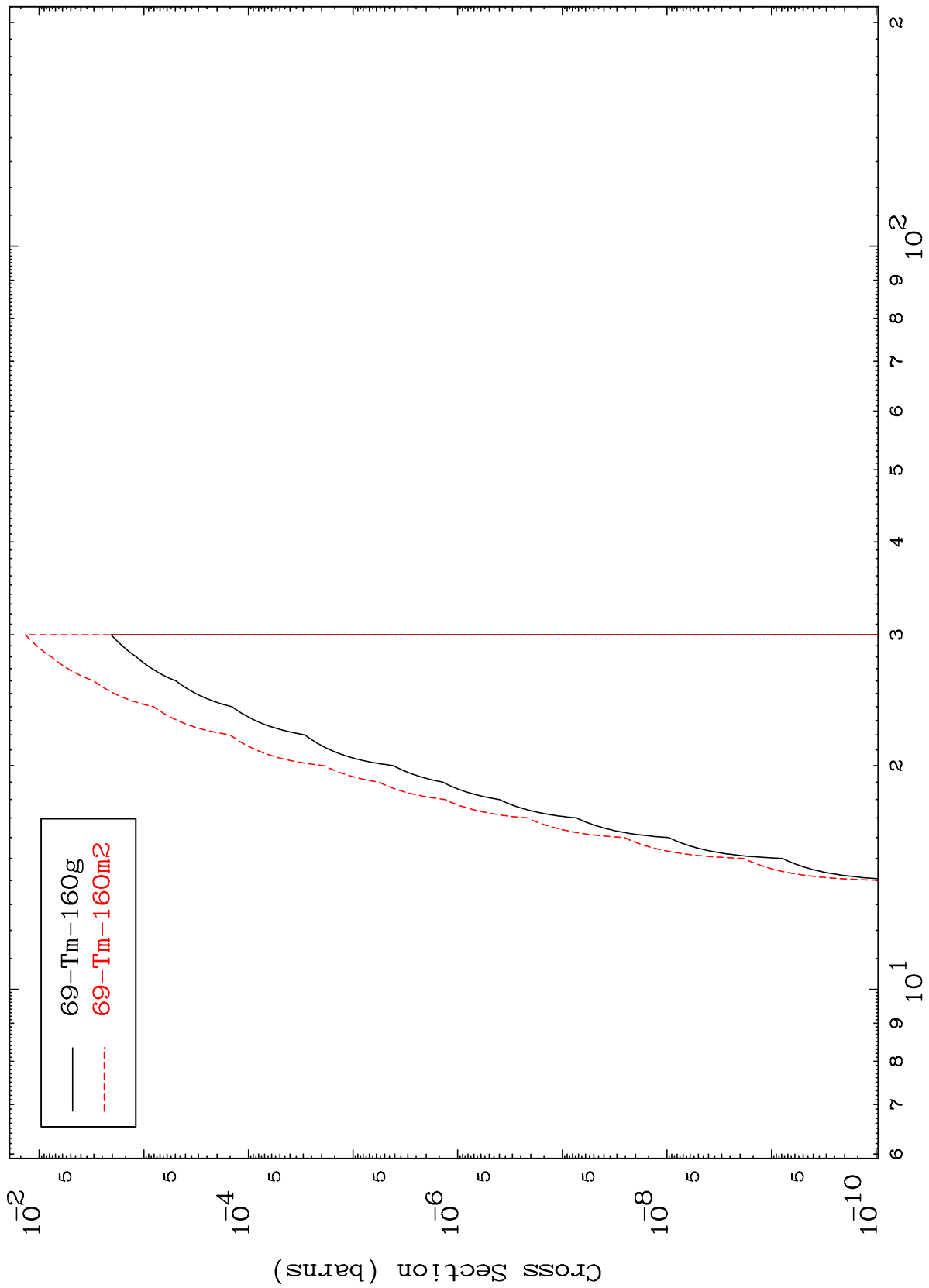
70-Yb-164

MAT 7013

(n,2n) α

70-Yb-164

Radionuclide Production Cross Section



13

Incident Energy (MeV)

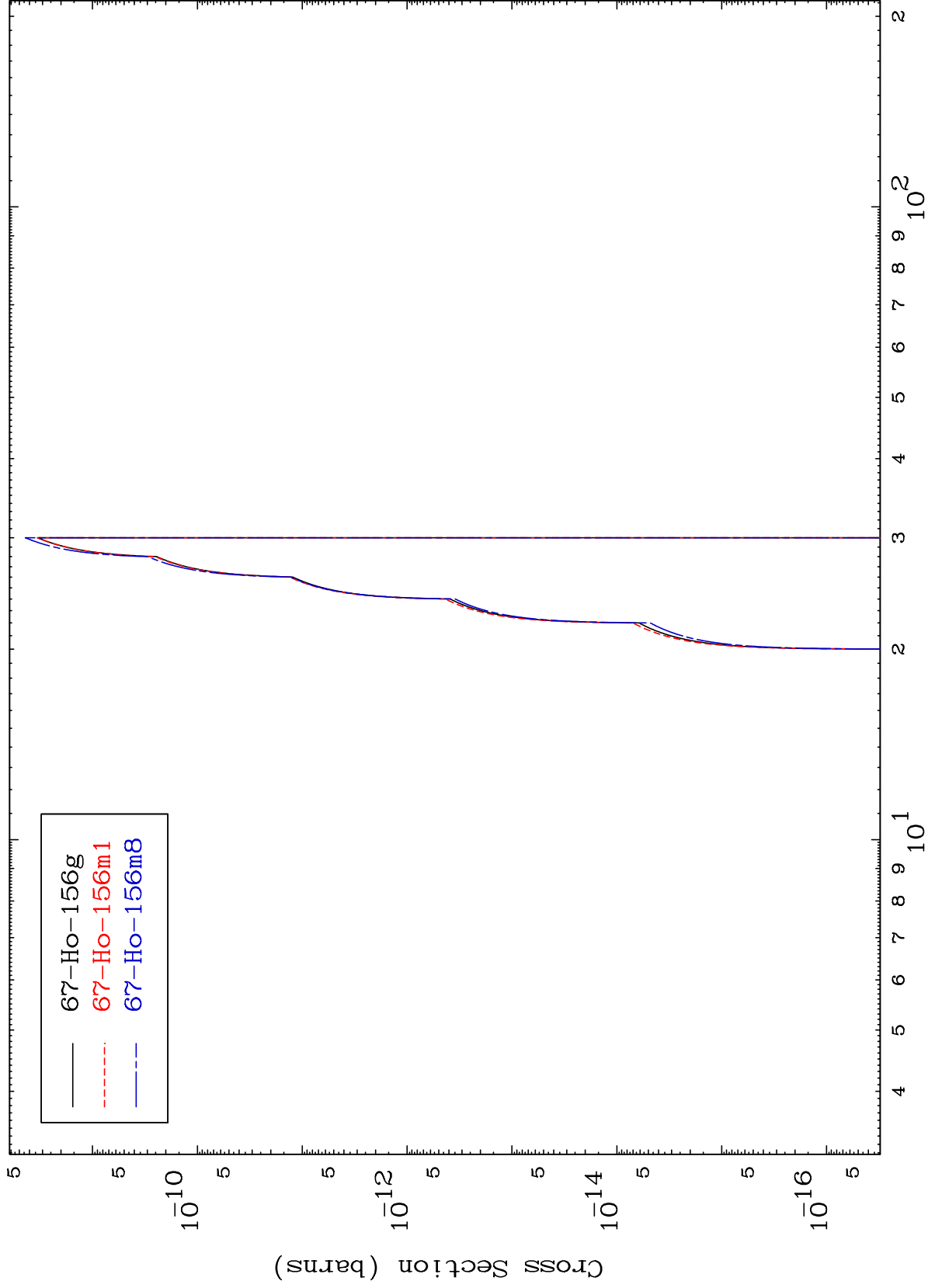
70-Yb-164

MAT 7013

$(n,2n) 2\alpha$

$^{70}\text{Yb-164}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

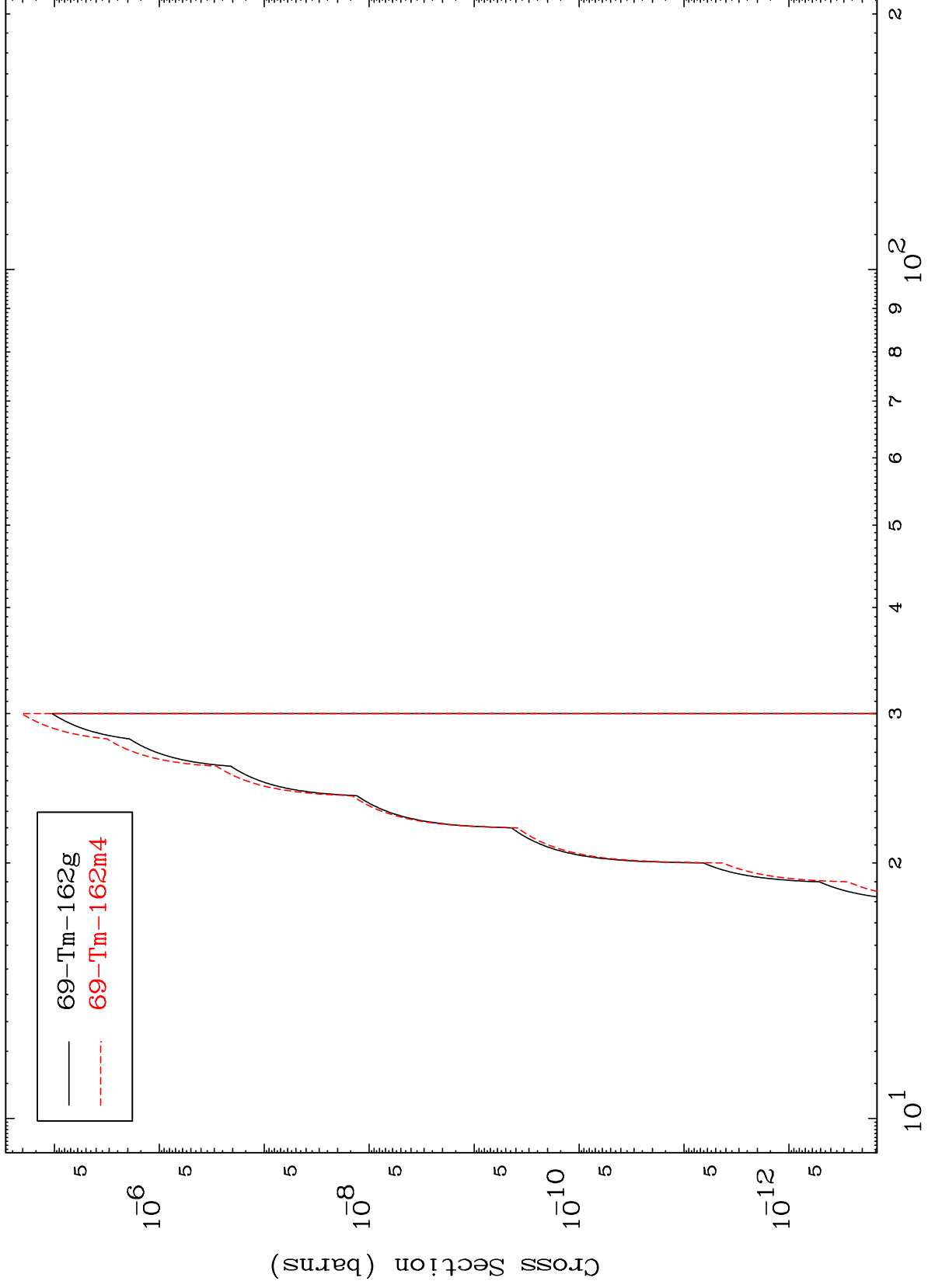
$^{70}\text{Yb-164}$

MAT 7013

(n,n') He-3

70-Yb-164

Radionuclide Production Cross Section



69-Tm-162g
69-Tm-162m4

Incident Energy (MeV)

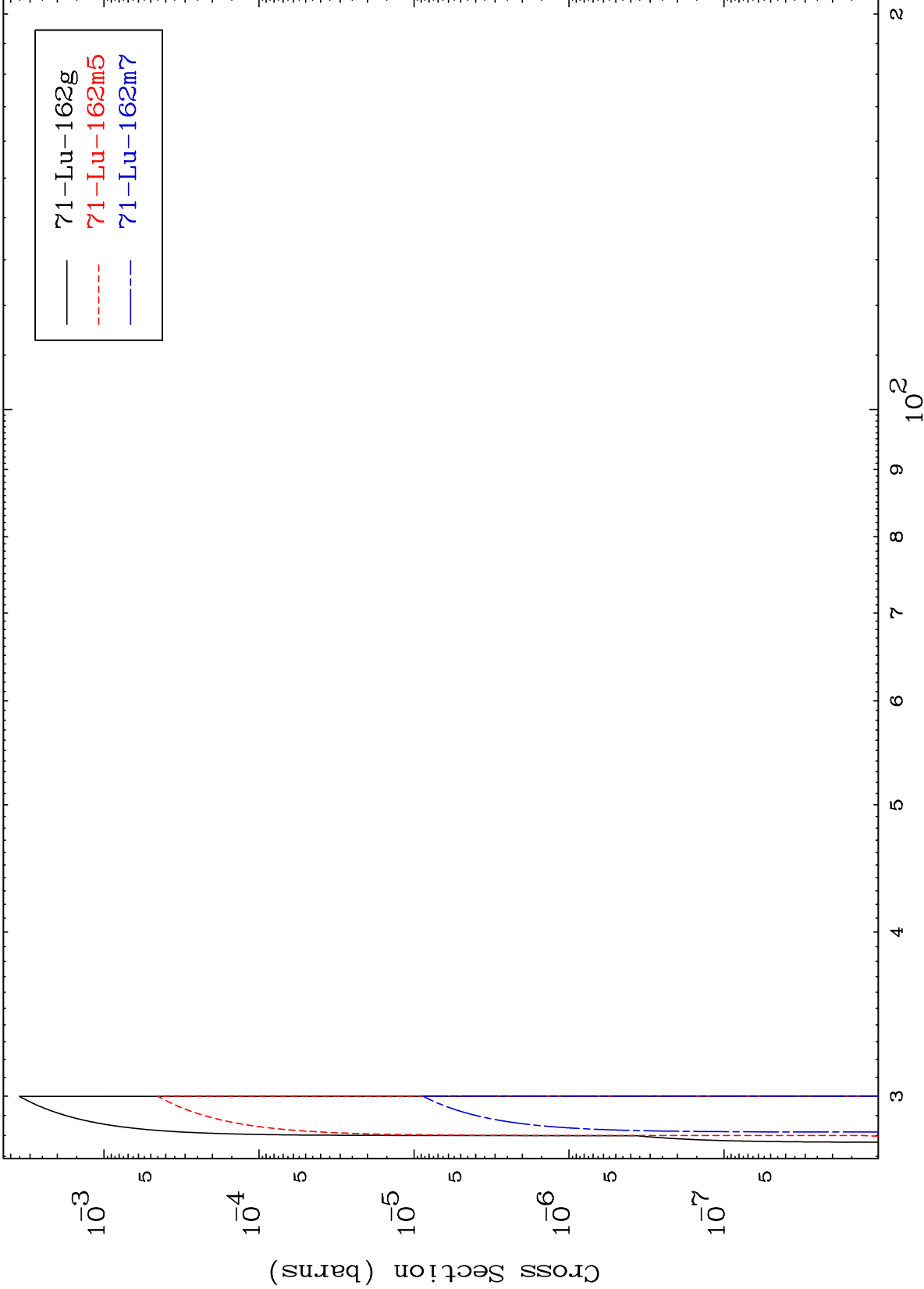
70-Yb-164

MAT 7013

(n,4n)

70-Yb-164

Radionuclide Production Cross Section



16

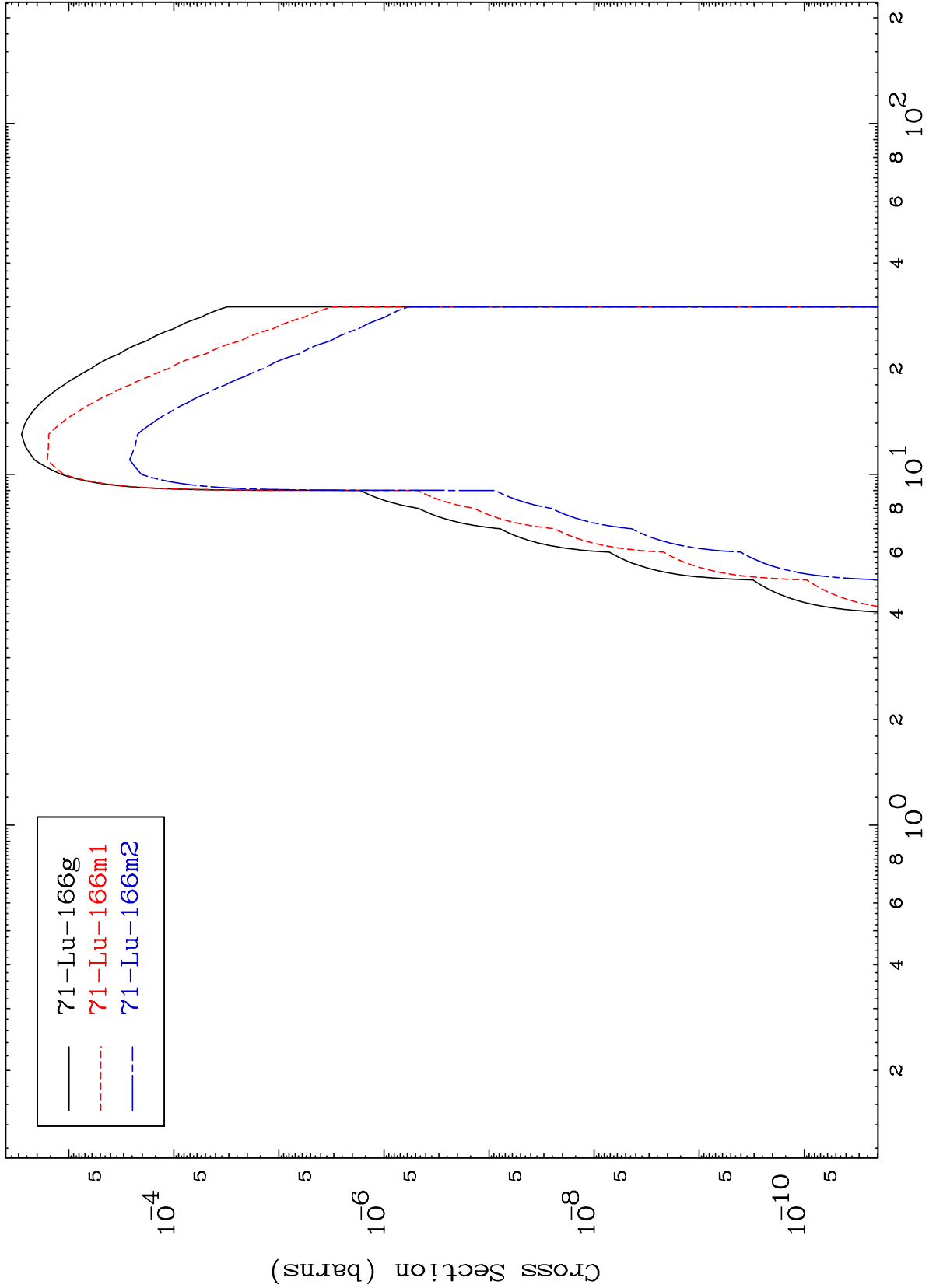
Incident Energy (MeV)

70-Yb-164

MAT 7013

70-Yb-164

(n, γ)
Radionuclide Production Cross Section



— 71-Lu-166g
- - - 71-Lu-166m1
- · - 71-Lu-166m2

70-Yb-164

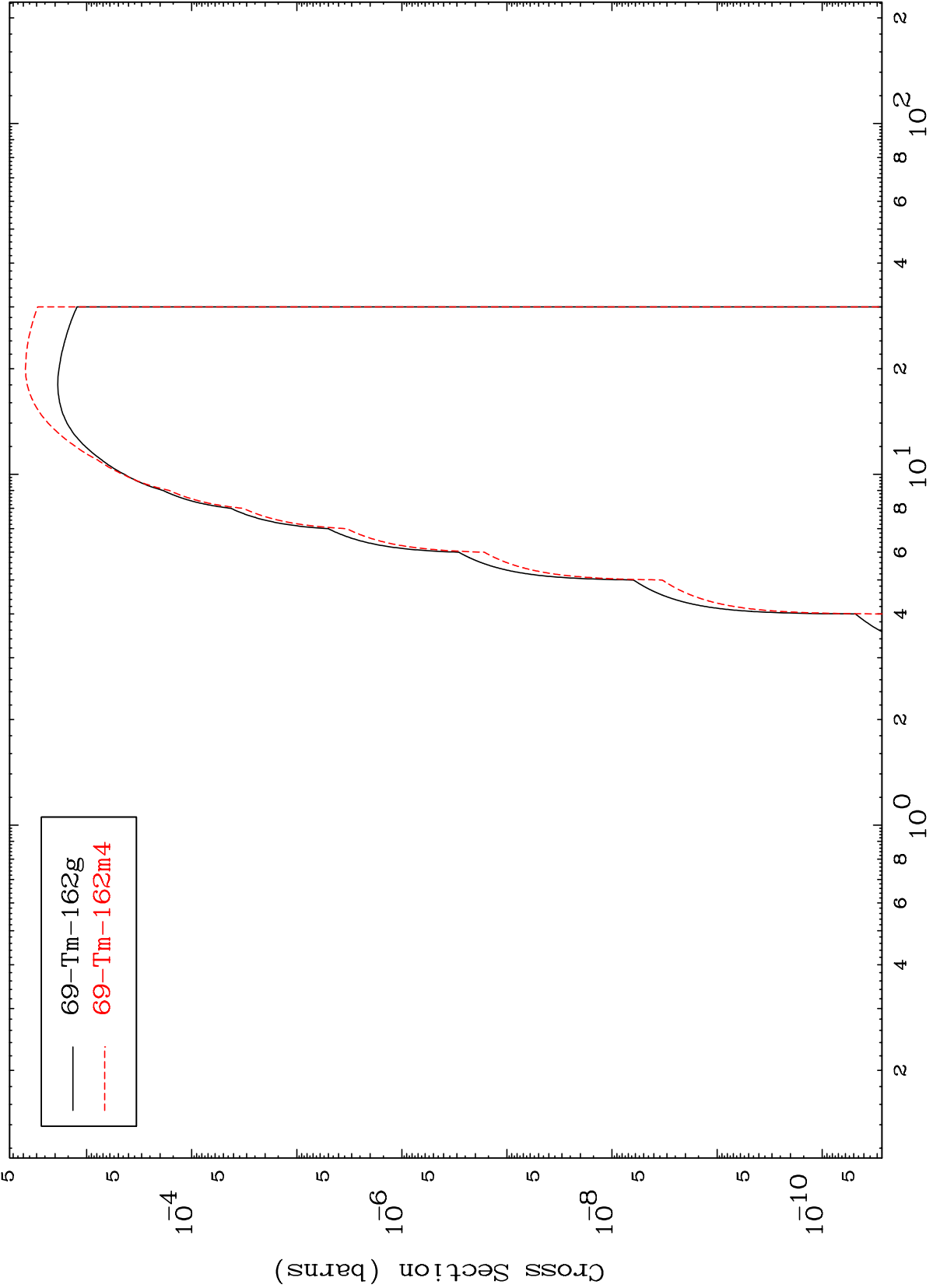
Incident Energy (MeV)

17

MAT 7013

70-Yb-164

(n, α)
Radionuclide Production Cross Section

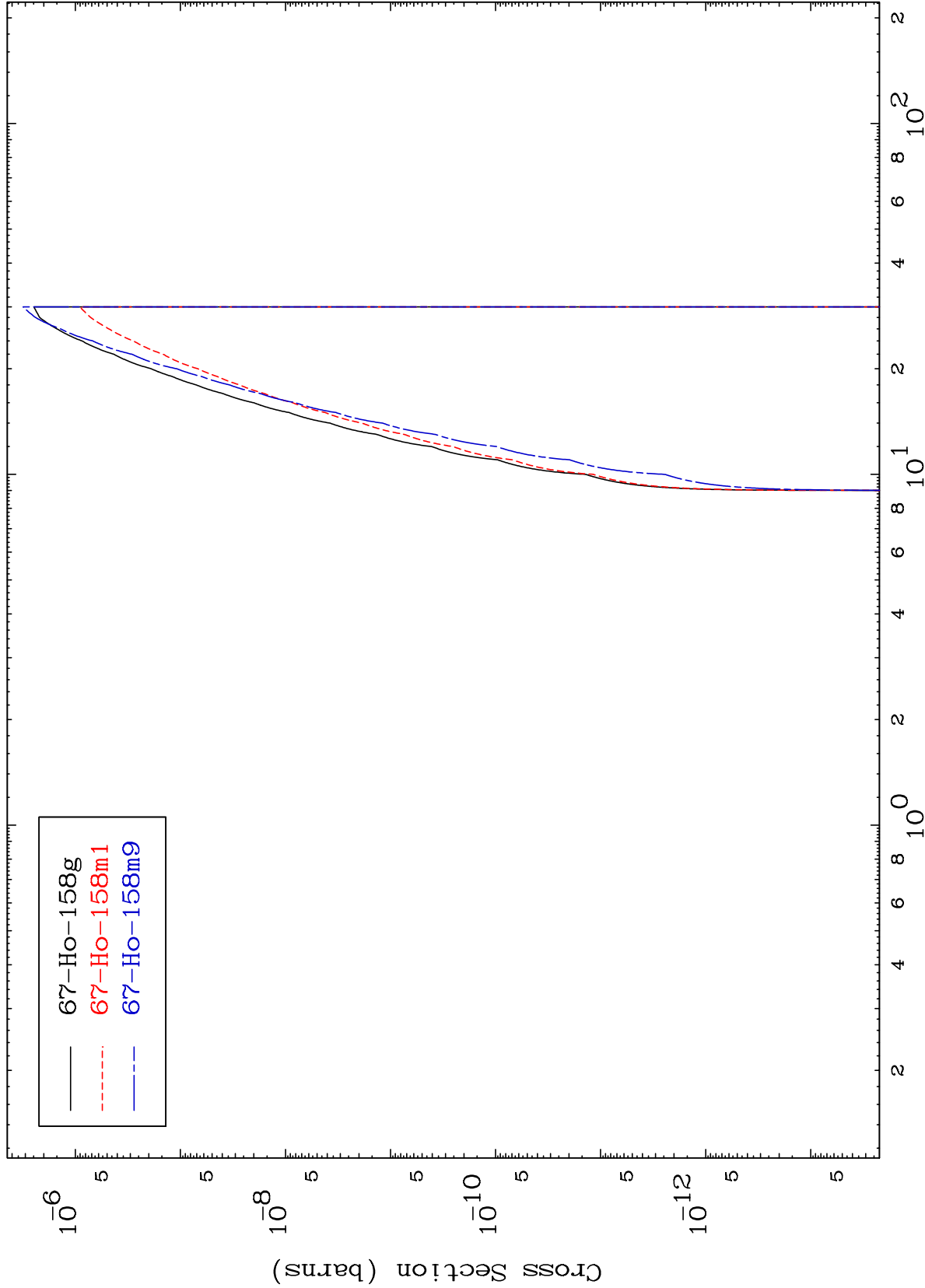


MAT 7013

(n,2α)

70-Yb-164

Radionuclide Production Cross Section

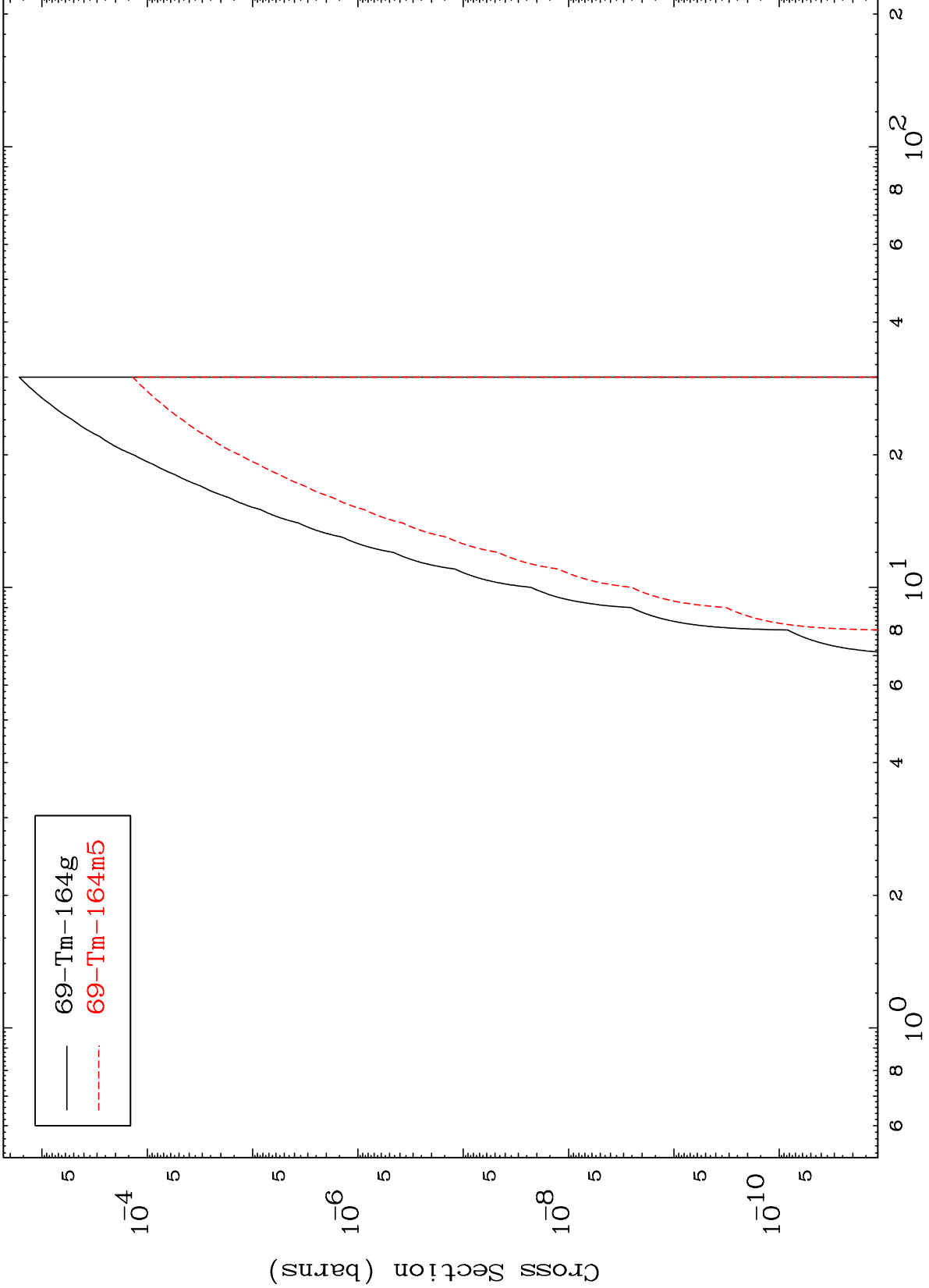
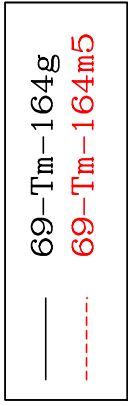


MAT 7013

(n,2p)

70-Yb-164

Radionuclide Production Cross Section



20

Incident Energy (MeV)

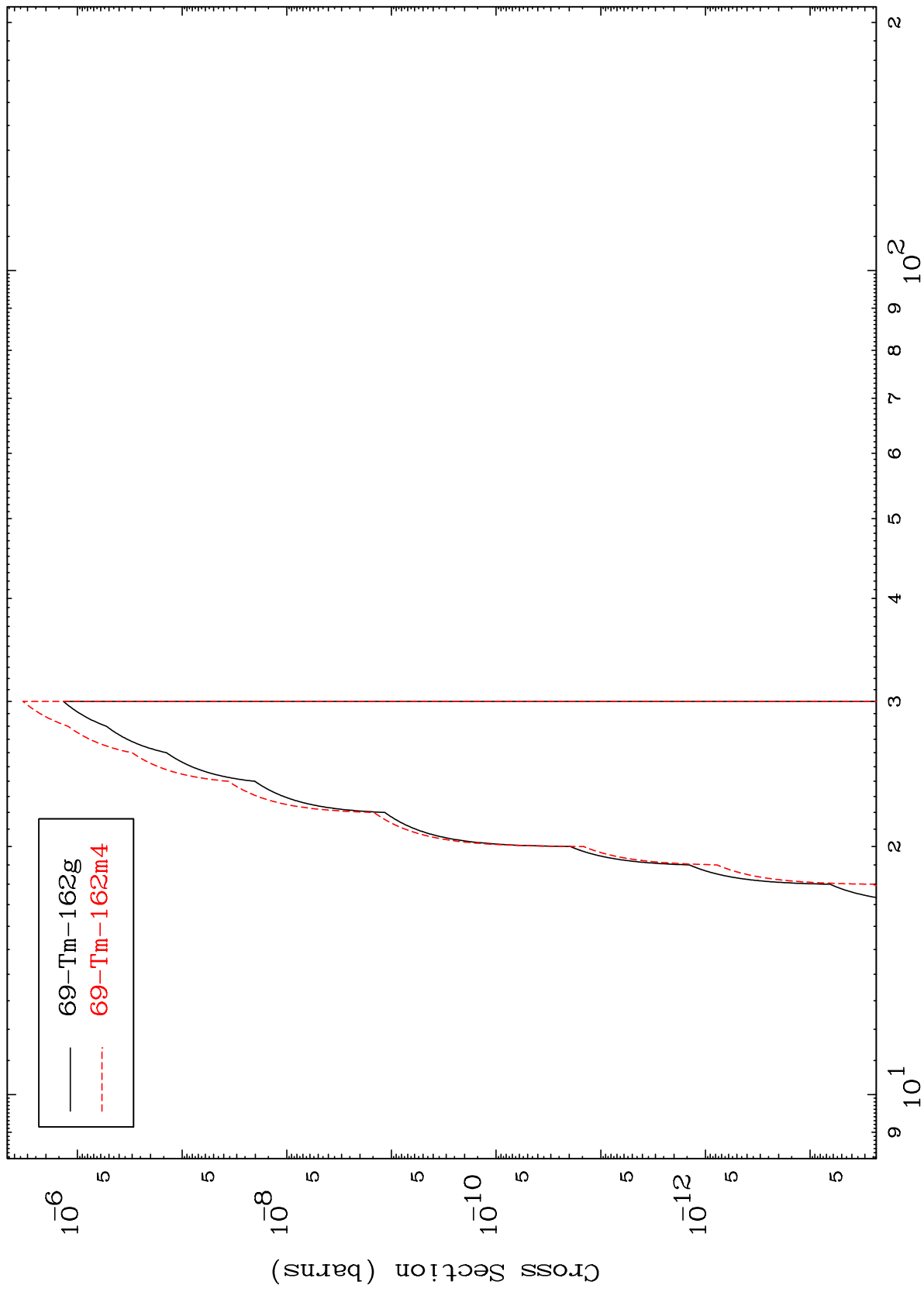
70-Yb-164

MAT 7013

(n,p) t

70-Yb-164

Radionuclide Production Cross Section



21

Incident Energy (MeV)

70-Yb-164