

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

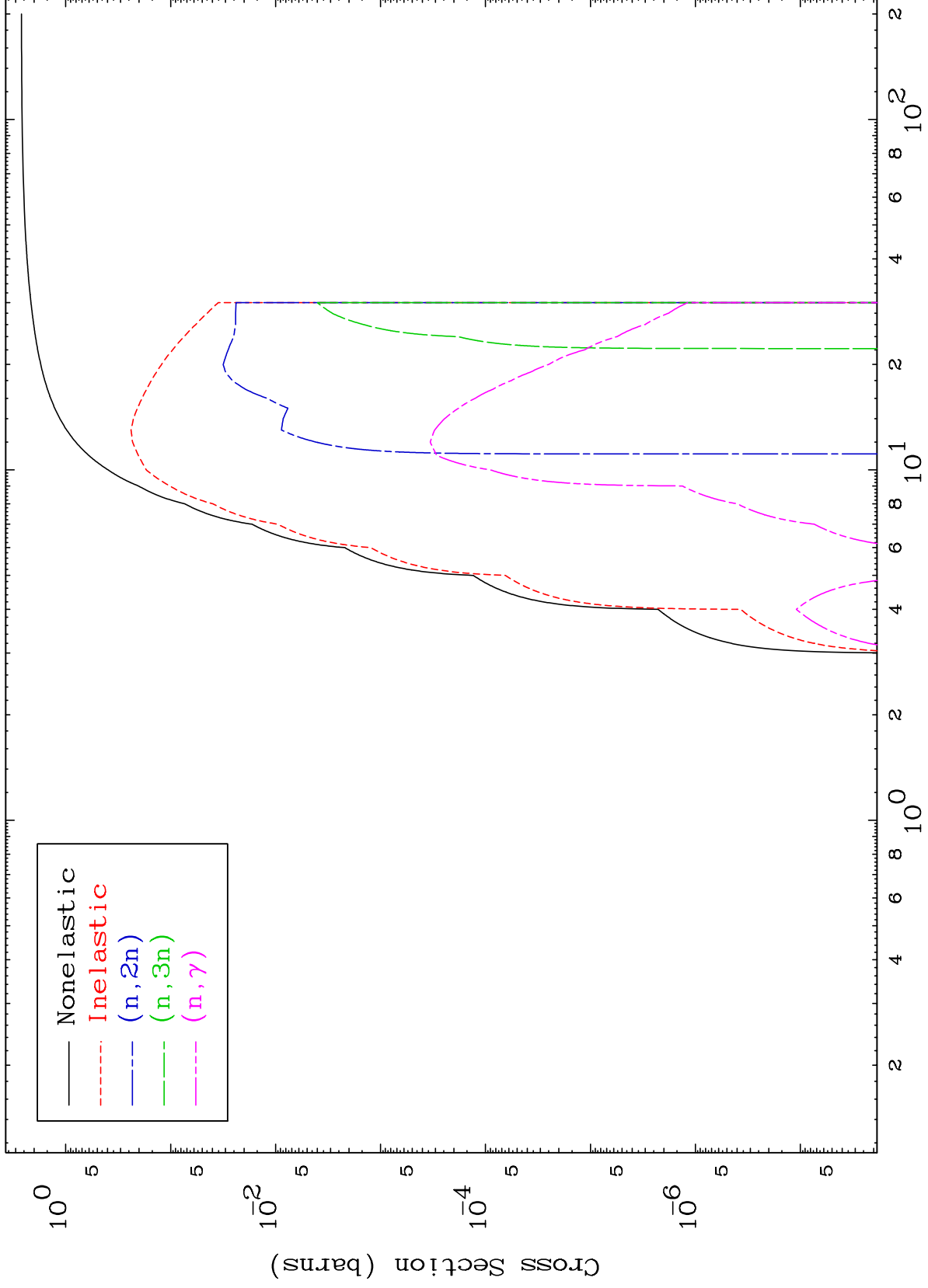
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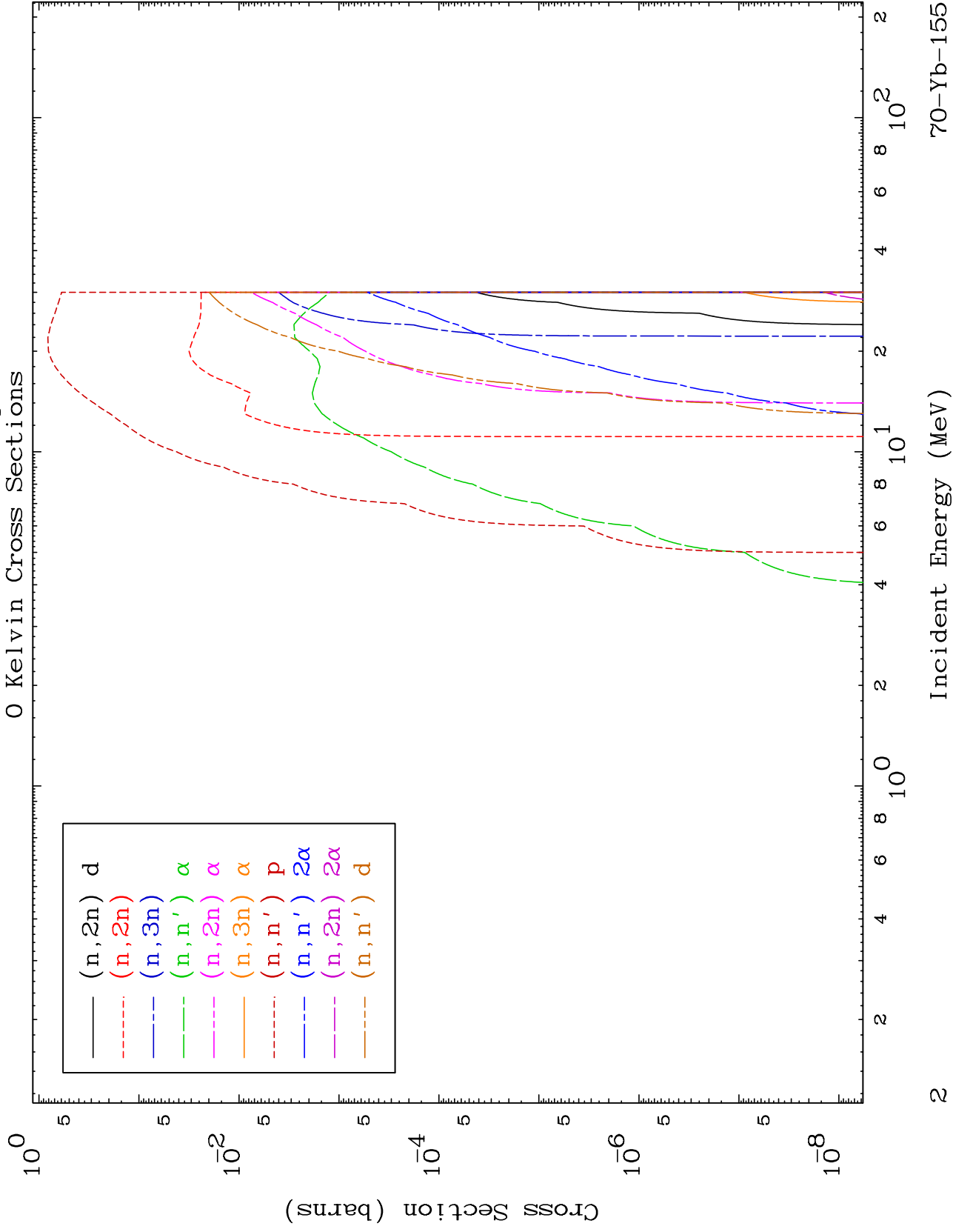
Press Mouse Button to Start

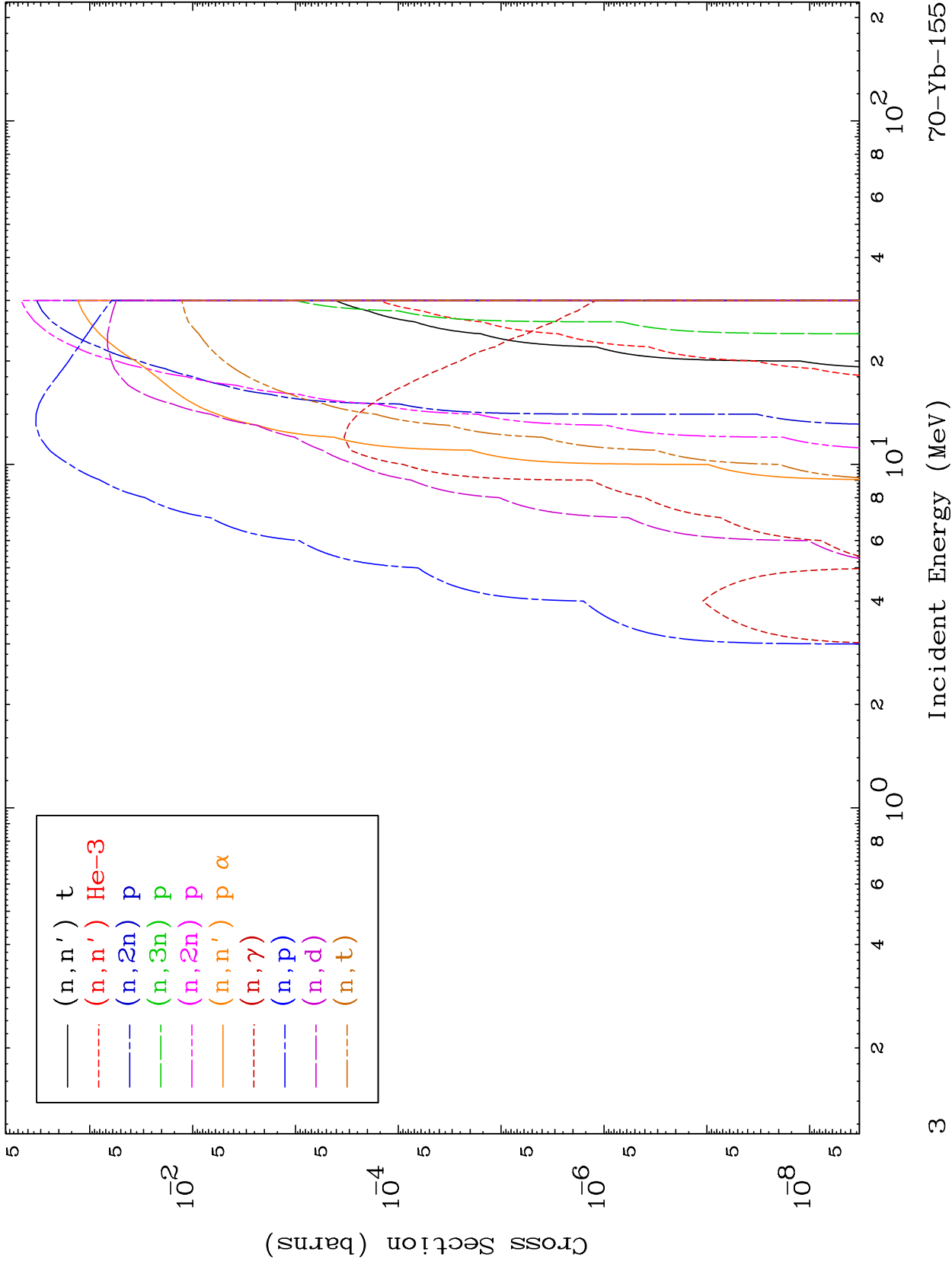


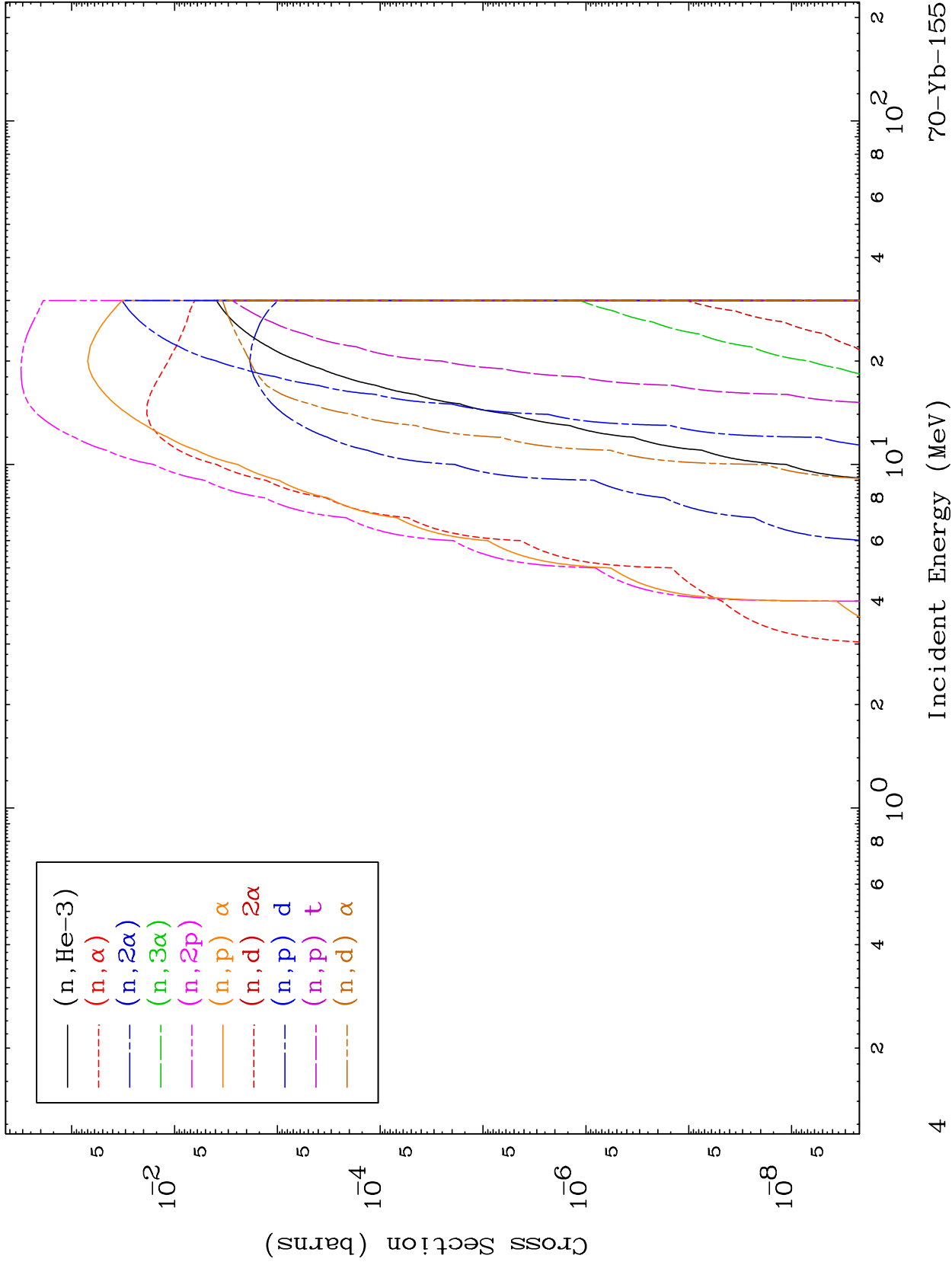
MAT 6986

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-155



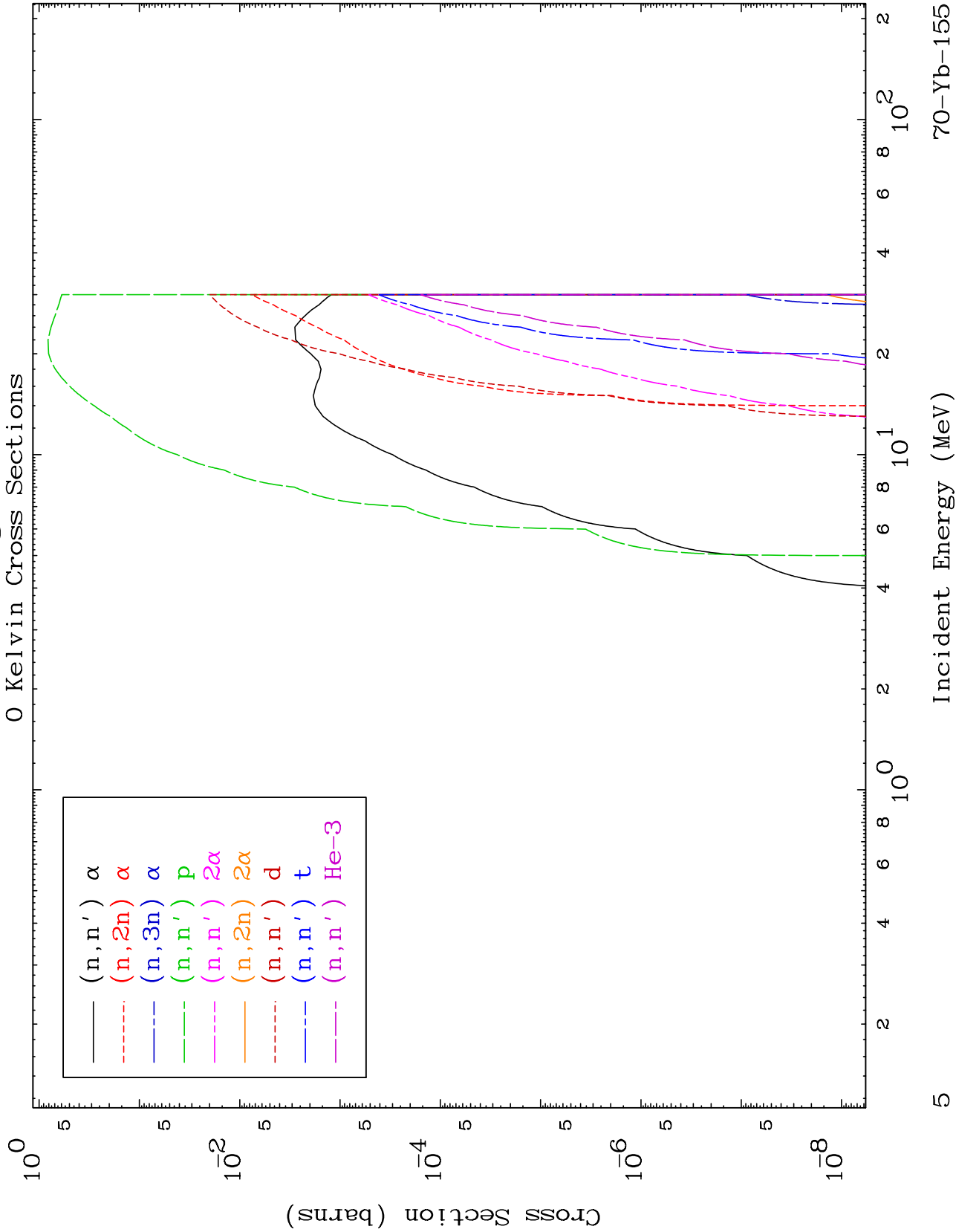


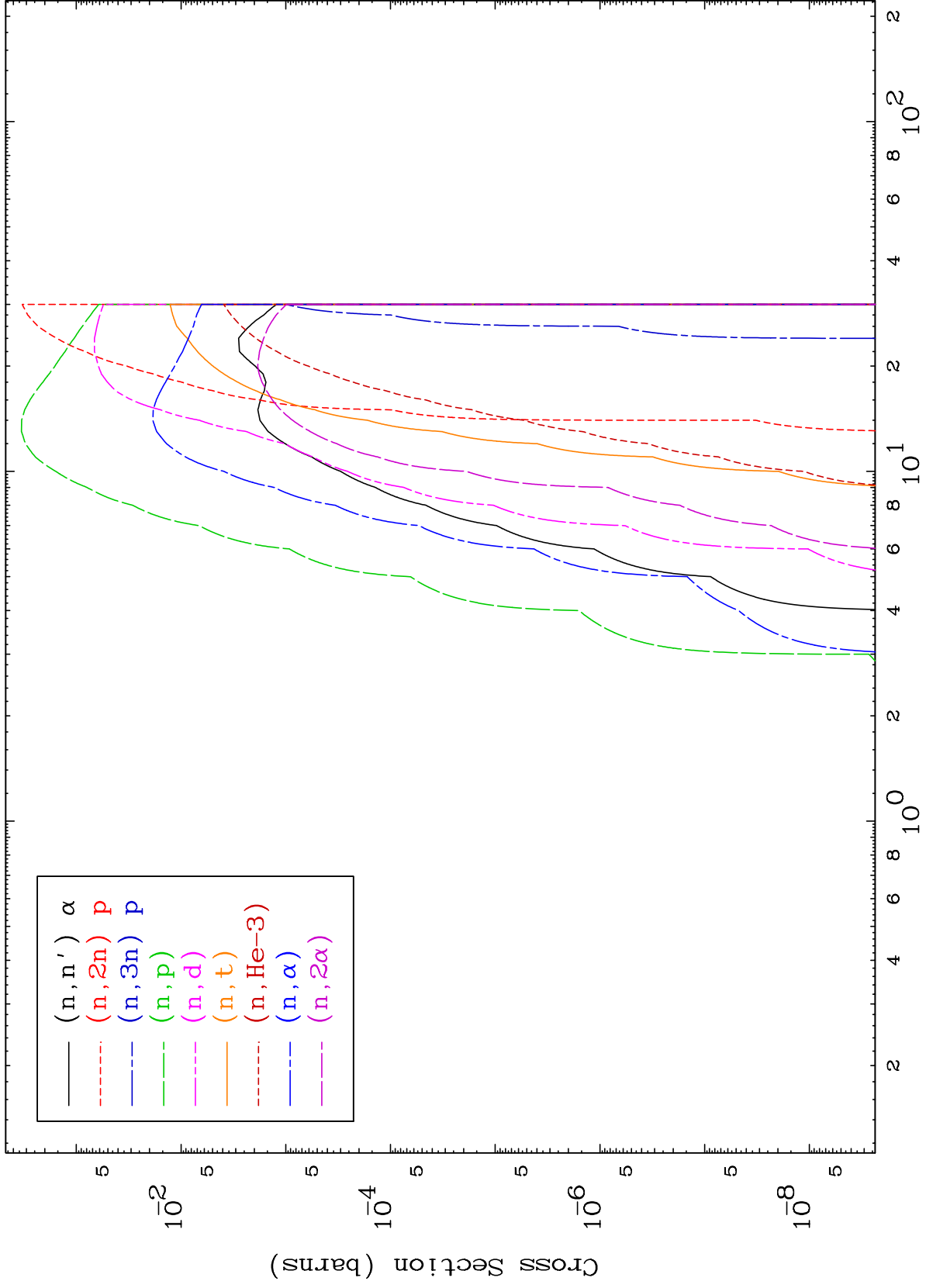


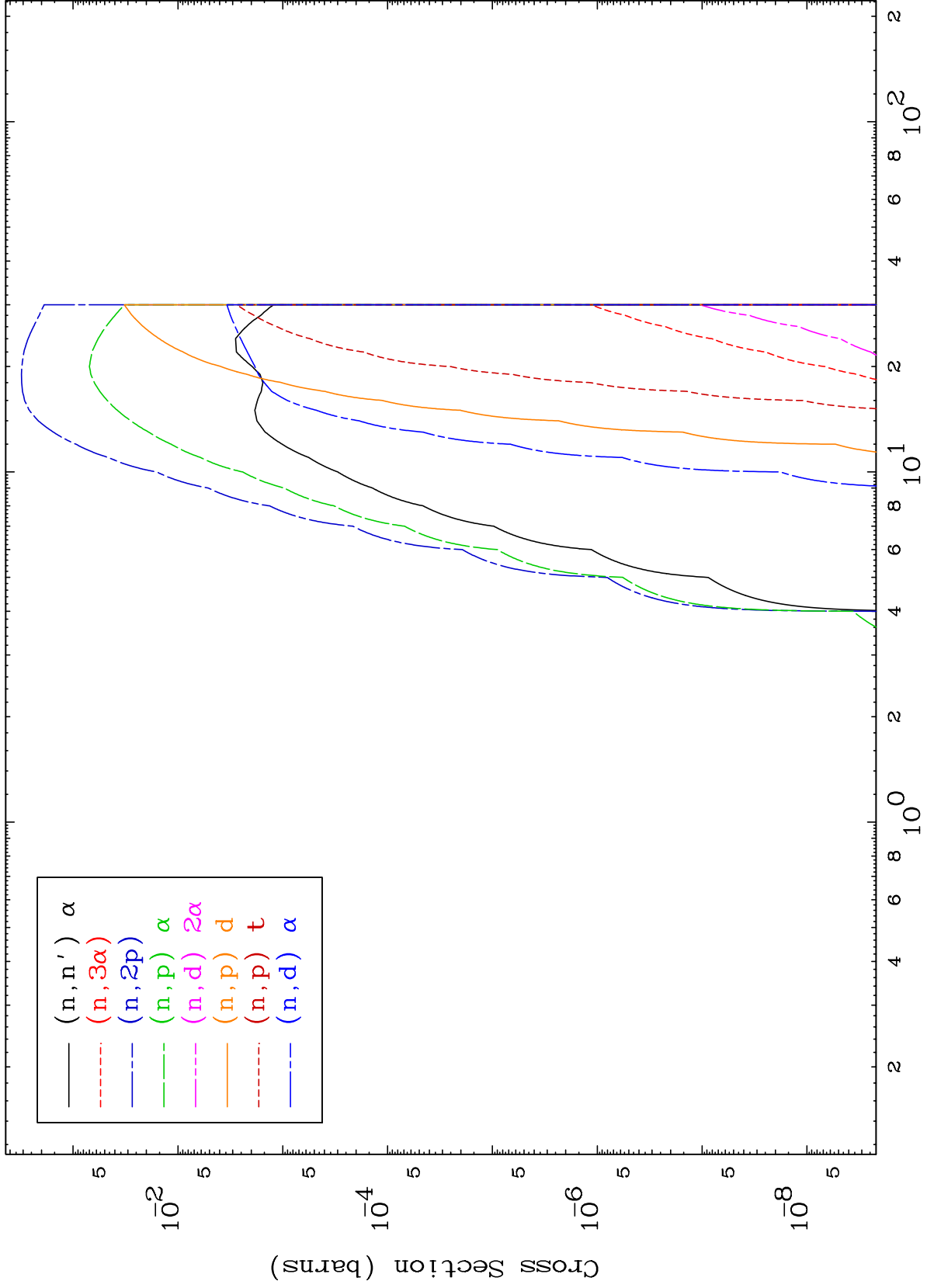
MAT 6986

Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-155







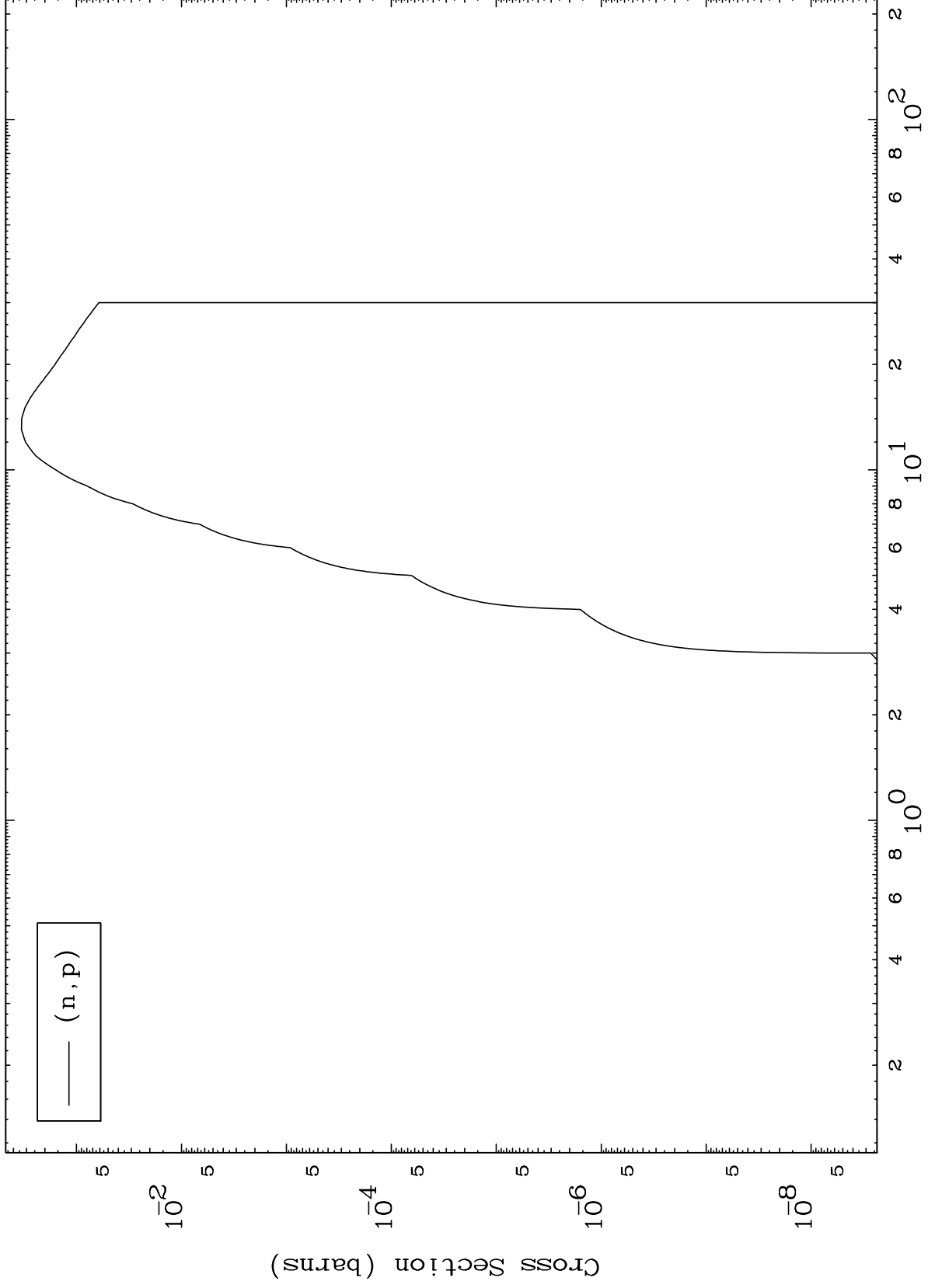


MAT 6986

(d,p) Levels

70-Yb-155

0 Kelvin Cross Sections

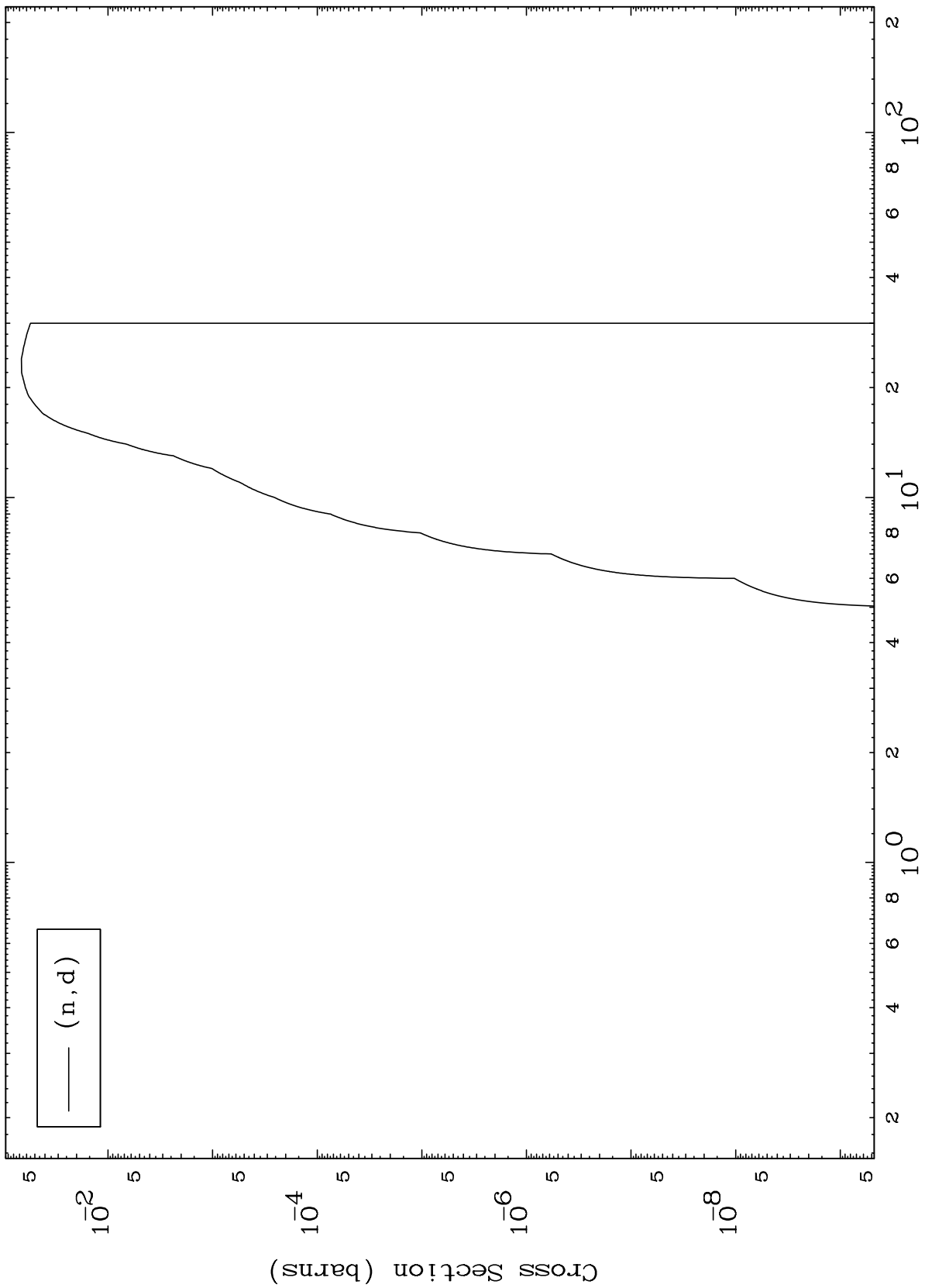


MAT 6986

(d,d) Levels

70-Yb-155

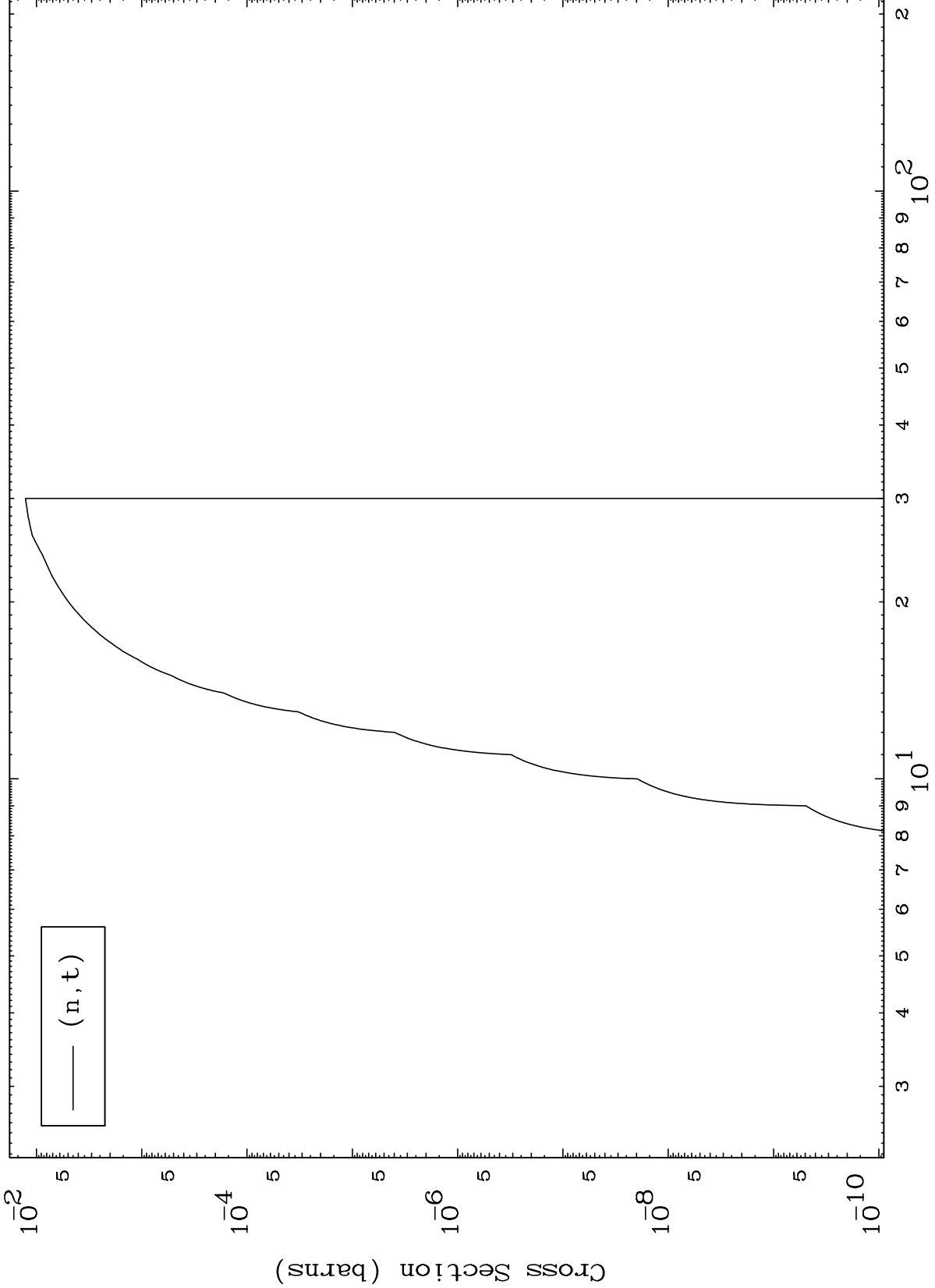
0 Kelvin Cross Sections



MAT 6986

(d, t) Levels  
0 Kelvin Cross Sections

70-Yb-155



10

Incident Energy (MeV)

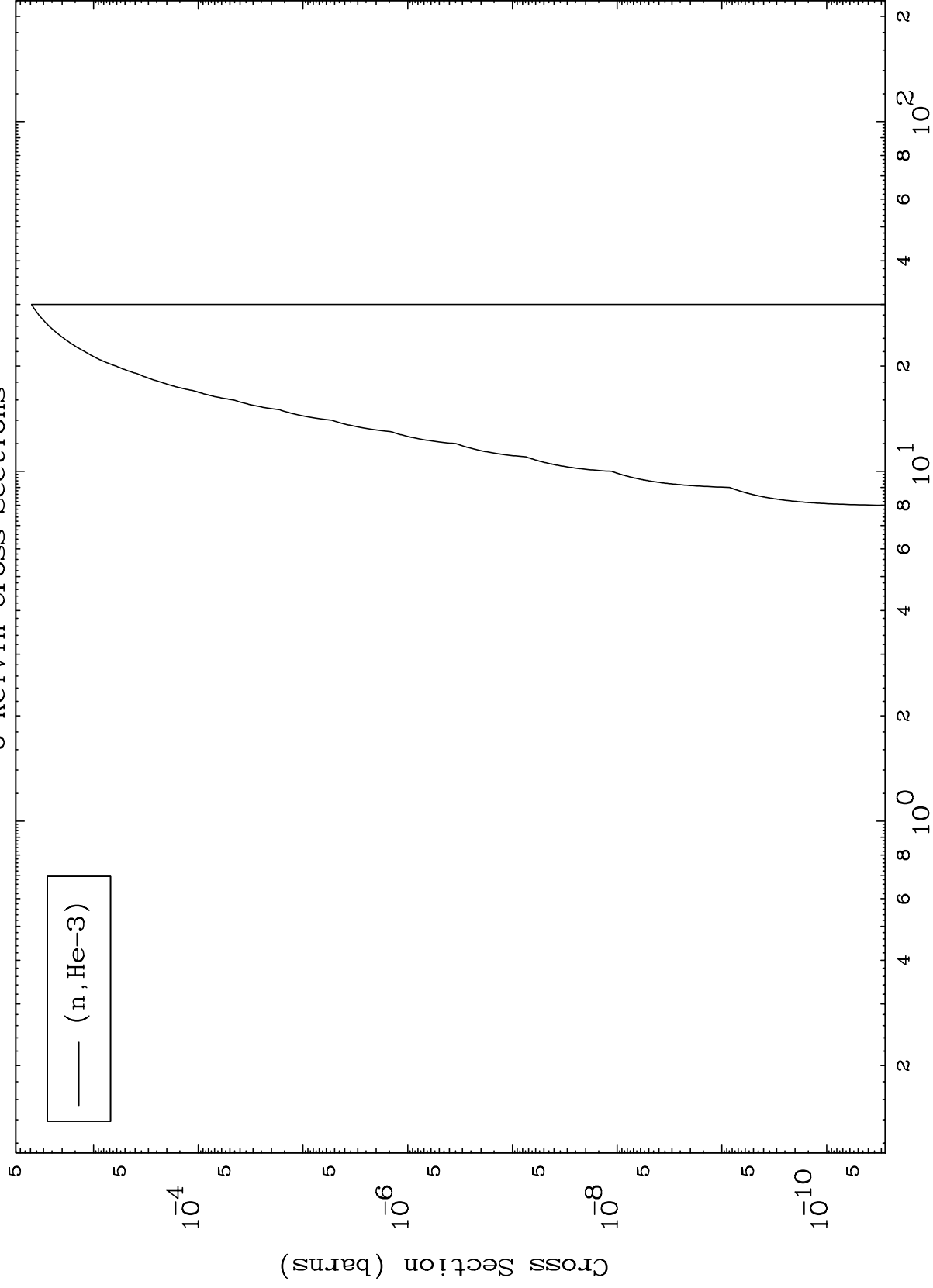
70-Yb-155

MAT 6986

(d,He3) Levels

70-Yb-155

0 Kelvin Cross Sections

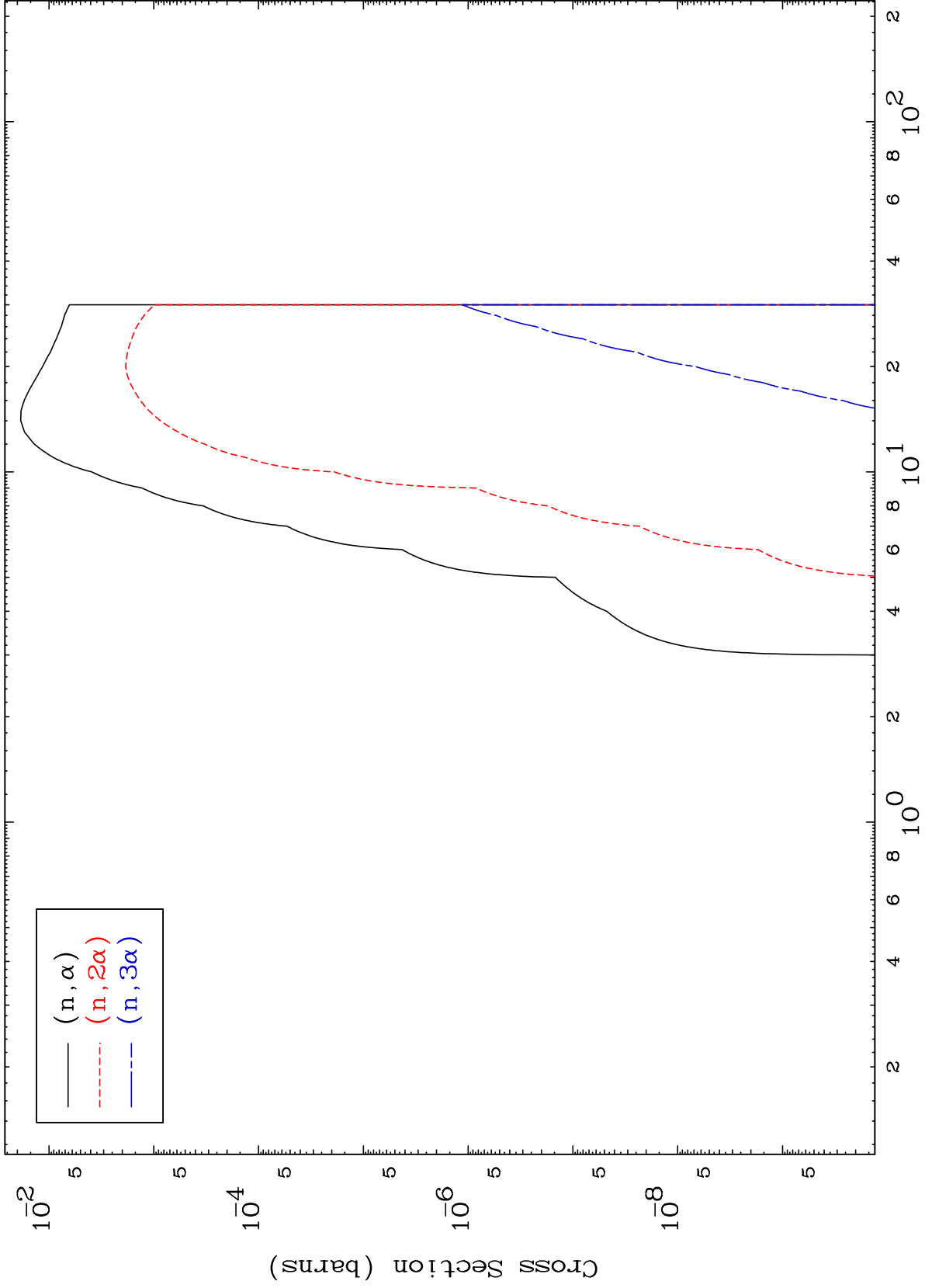


MAT 6986

(d,  $\alpha$ ) Levels

70-Yb-155

0 Kelvin Cross Sections



12

Incident Energy (MeV)

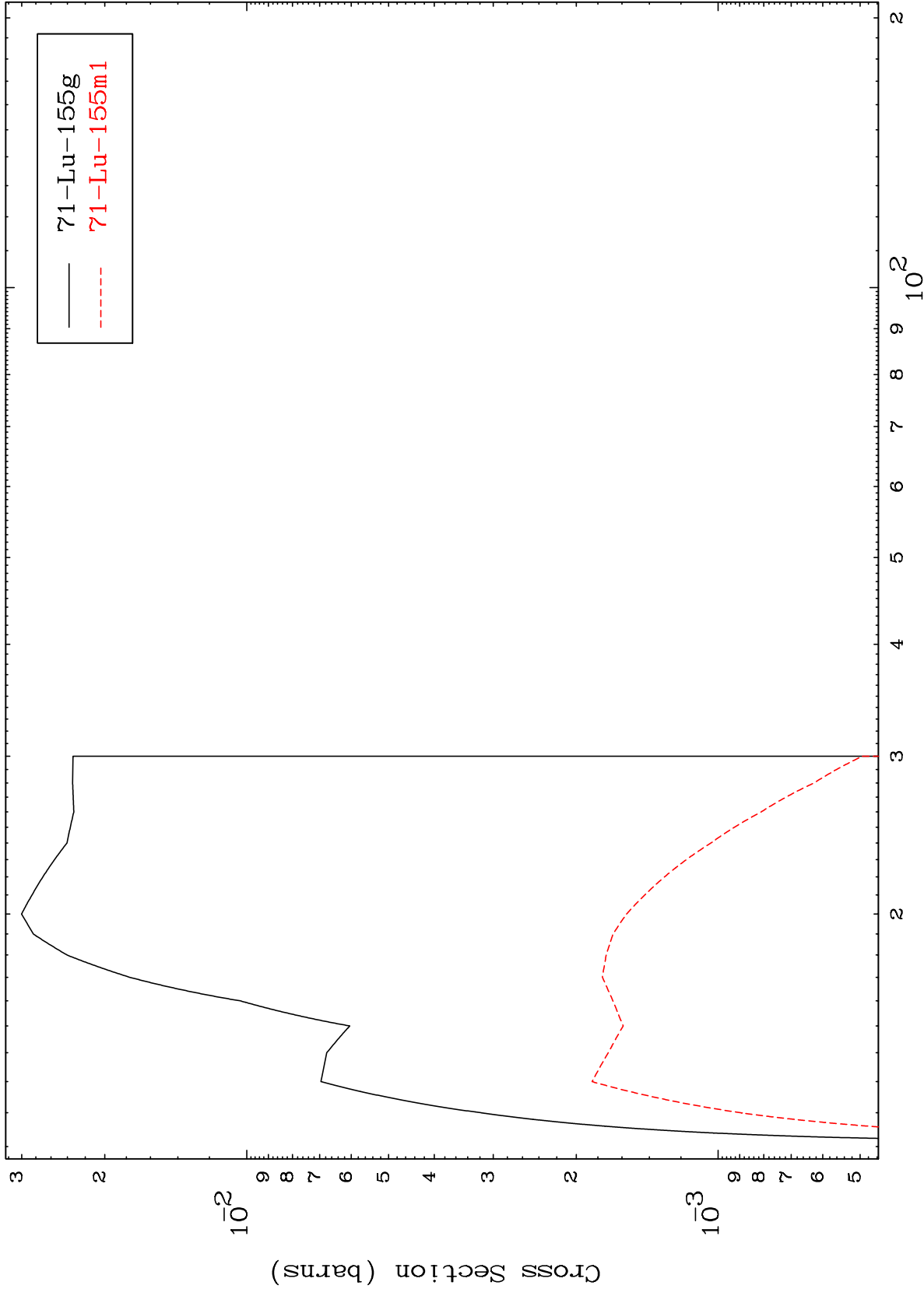
70-Yb-155

MAT 6986

(n,2n)

70-Yb-155

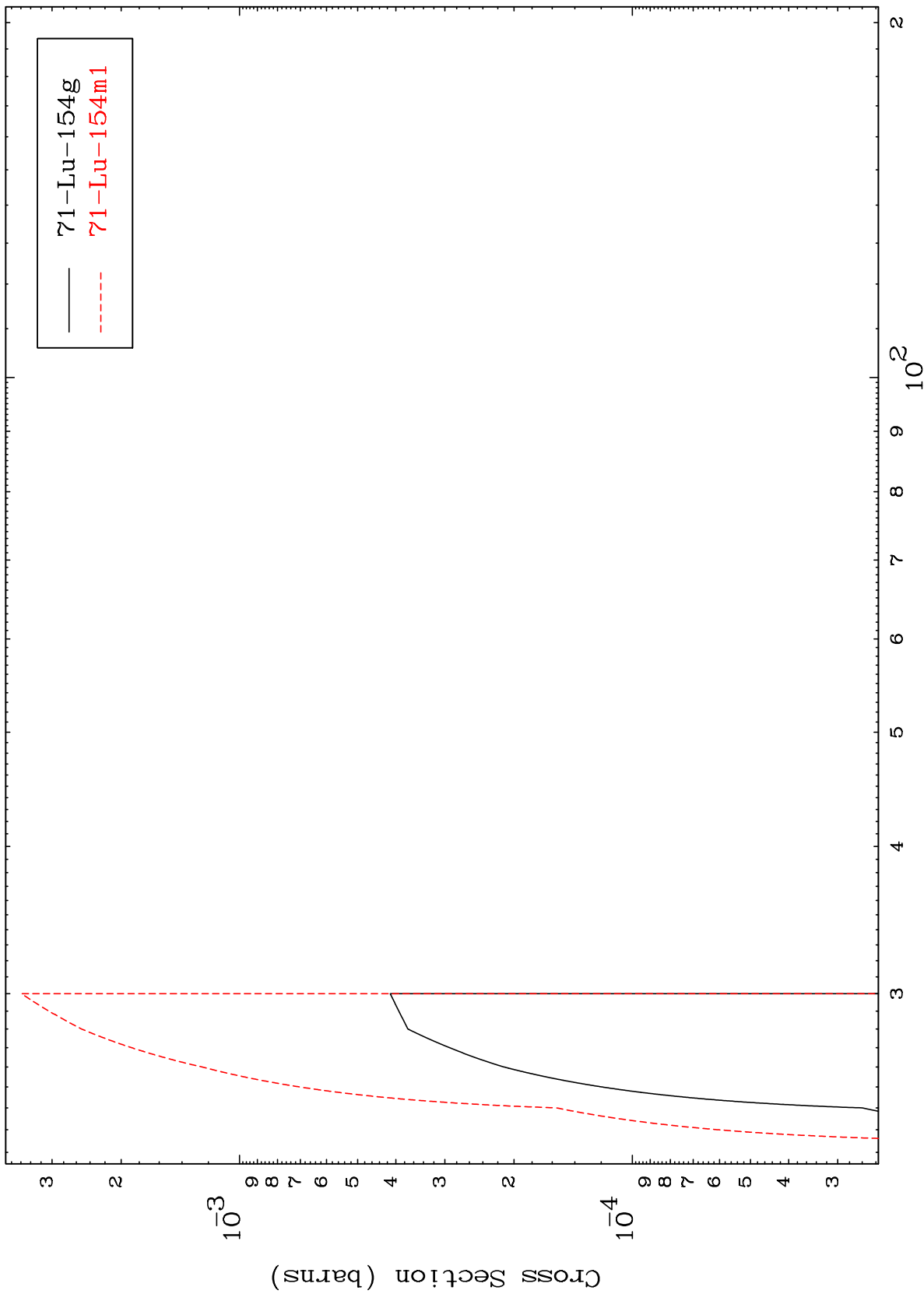
Radionuclide Production Cross Section



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70-Yb-155

(n,3n)  
Radionuclide Production Cross Section



71-Lu-154g  
71-Lu-154m1

14

70-Yb-155

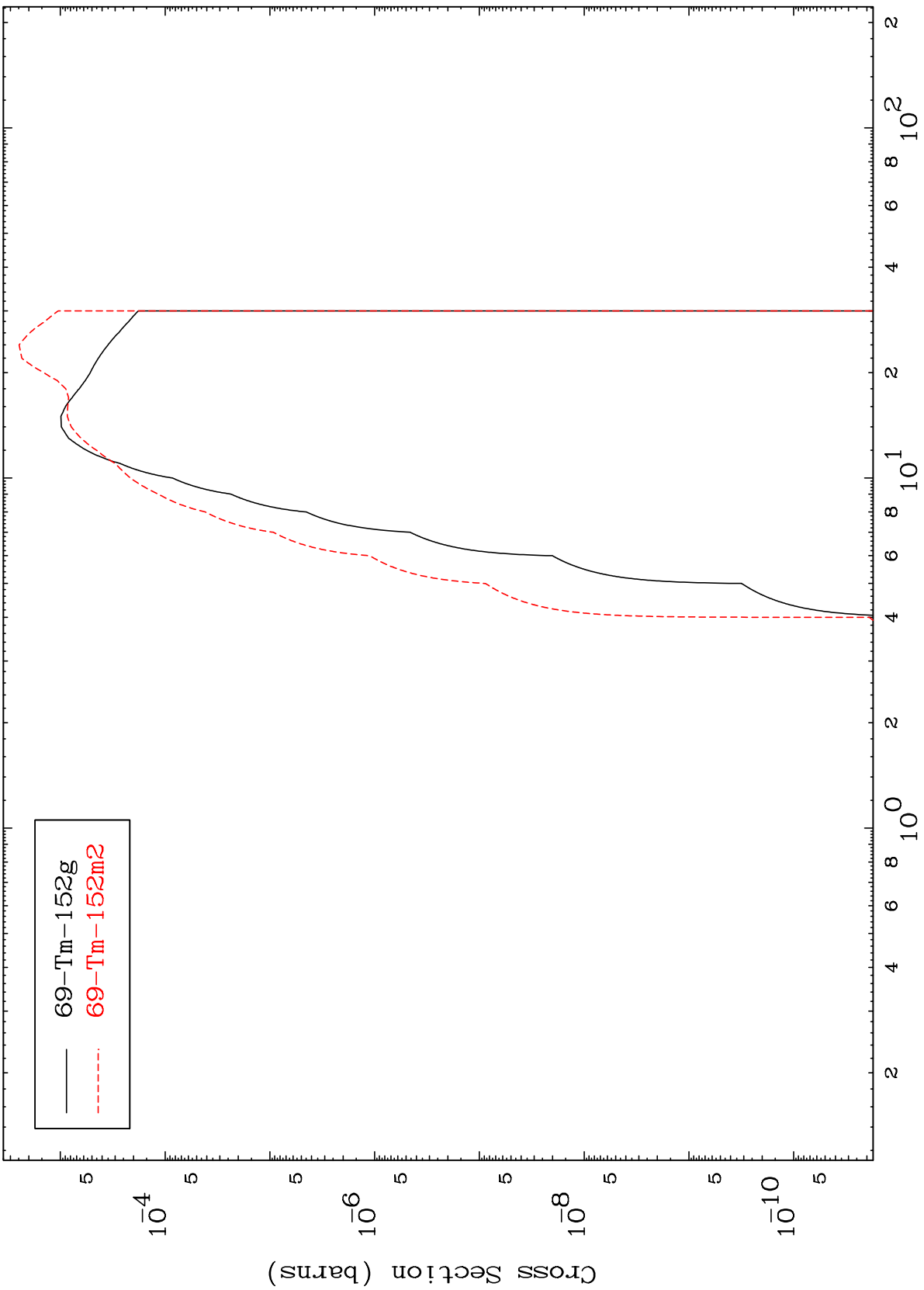
Incident Energy (MeV)

MAT 6986

$(n, n') \alpha$

70-Yb-155

Radionuclide Production Cross Section



69-Tm-152g  
69-Tm-152m2

15

Incident Energy (MeV)

70-Yb-155

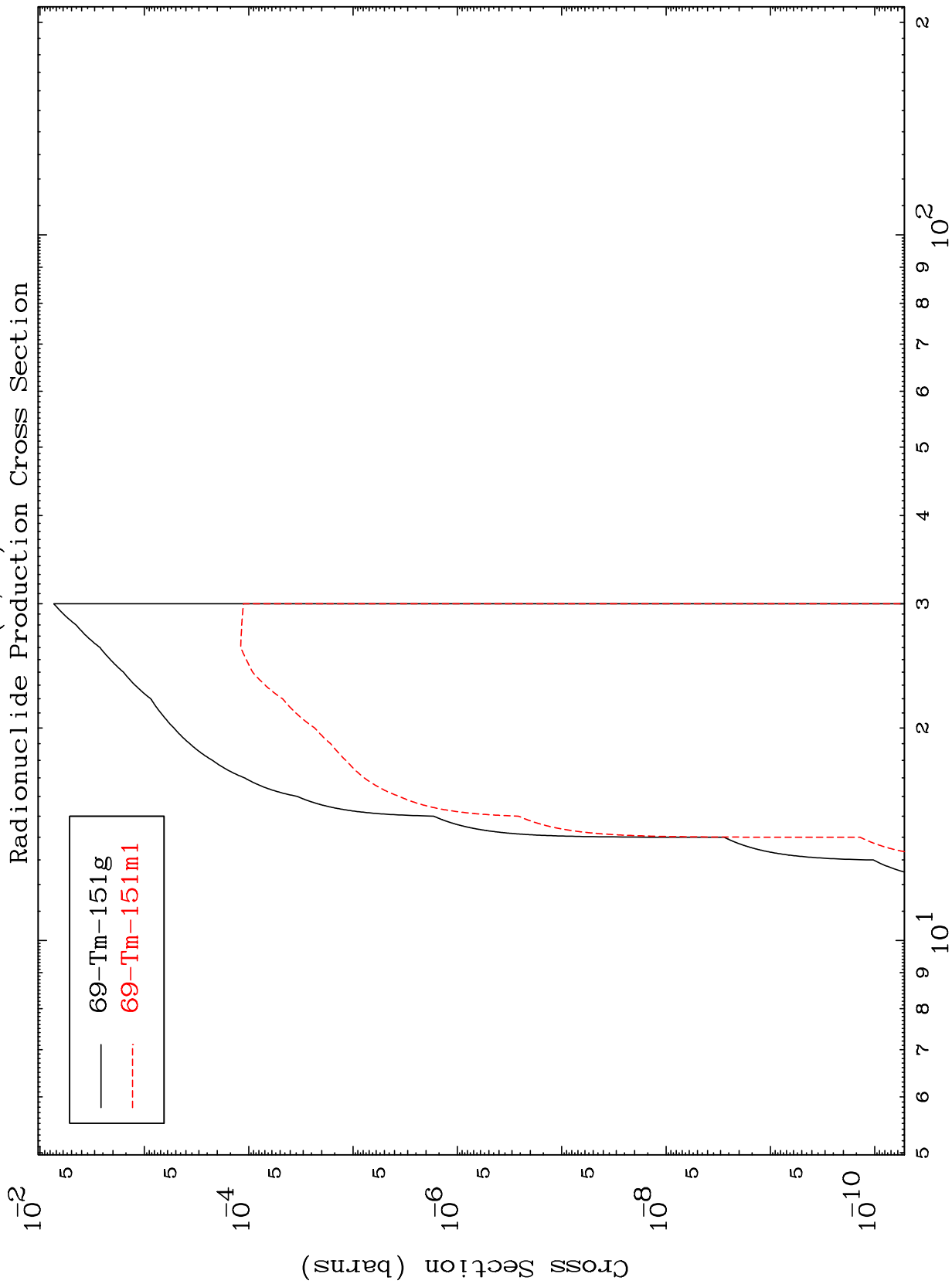


MAT 6986

$(n,2n) \alpha$

70-Yb-155

Radionuclide Production Cross Section



16

Incident Energy (MeV)

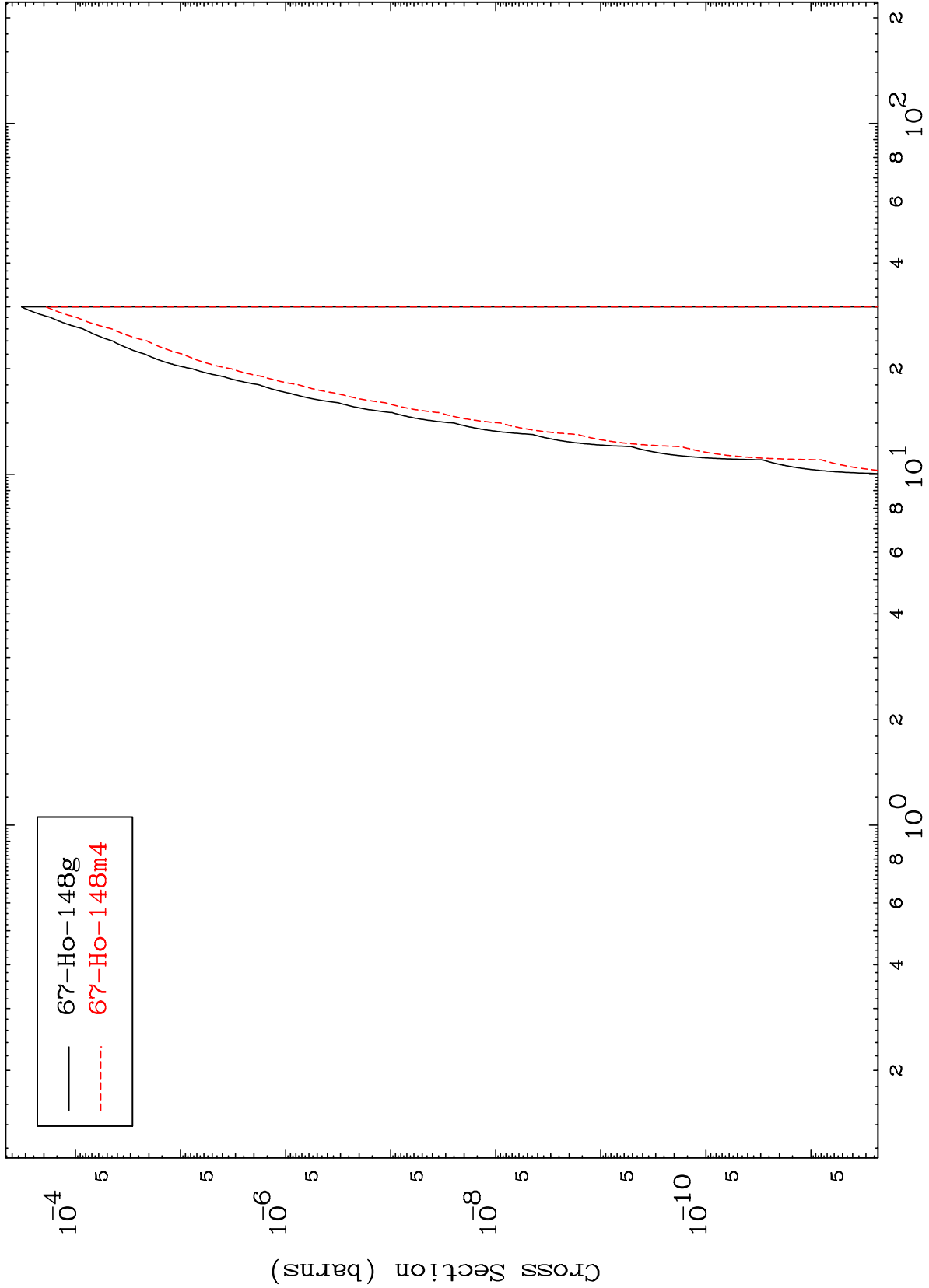
70-Yb-155

MAT 6986

(n,n') 2α

70-Yb-155

Radionuclide Production Cross Section

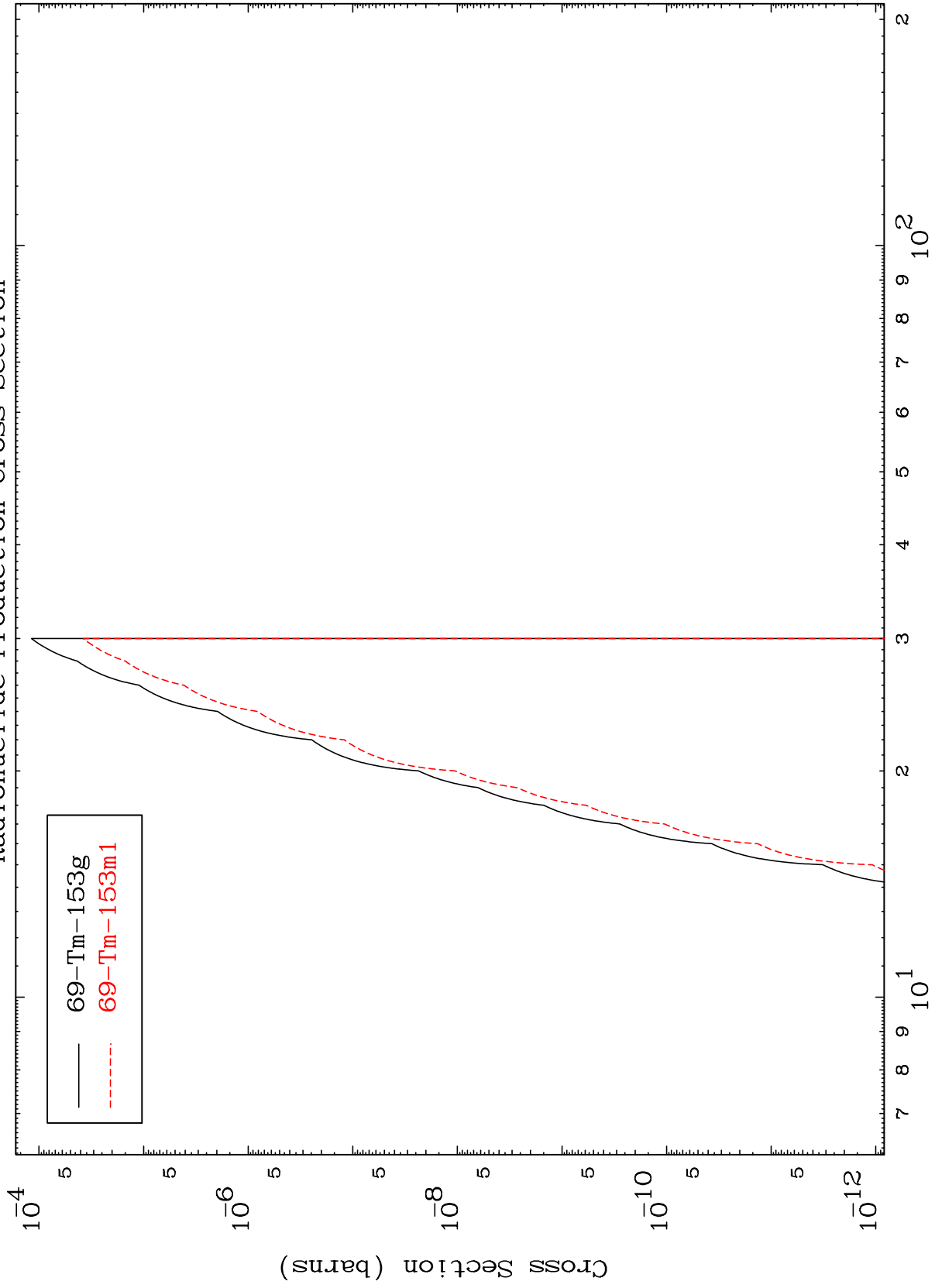


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(n,n') He-3

70-Yb-155

Radionuclide Production Cross Section



18

Incident Energy (MeV)

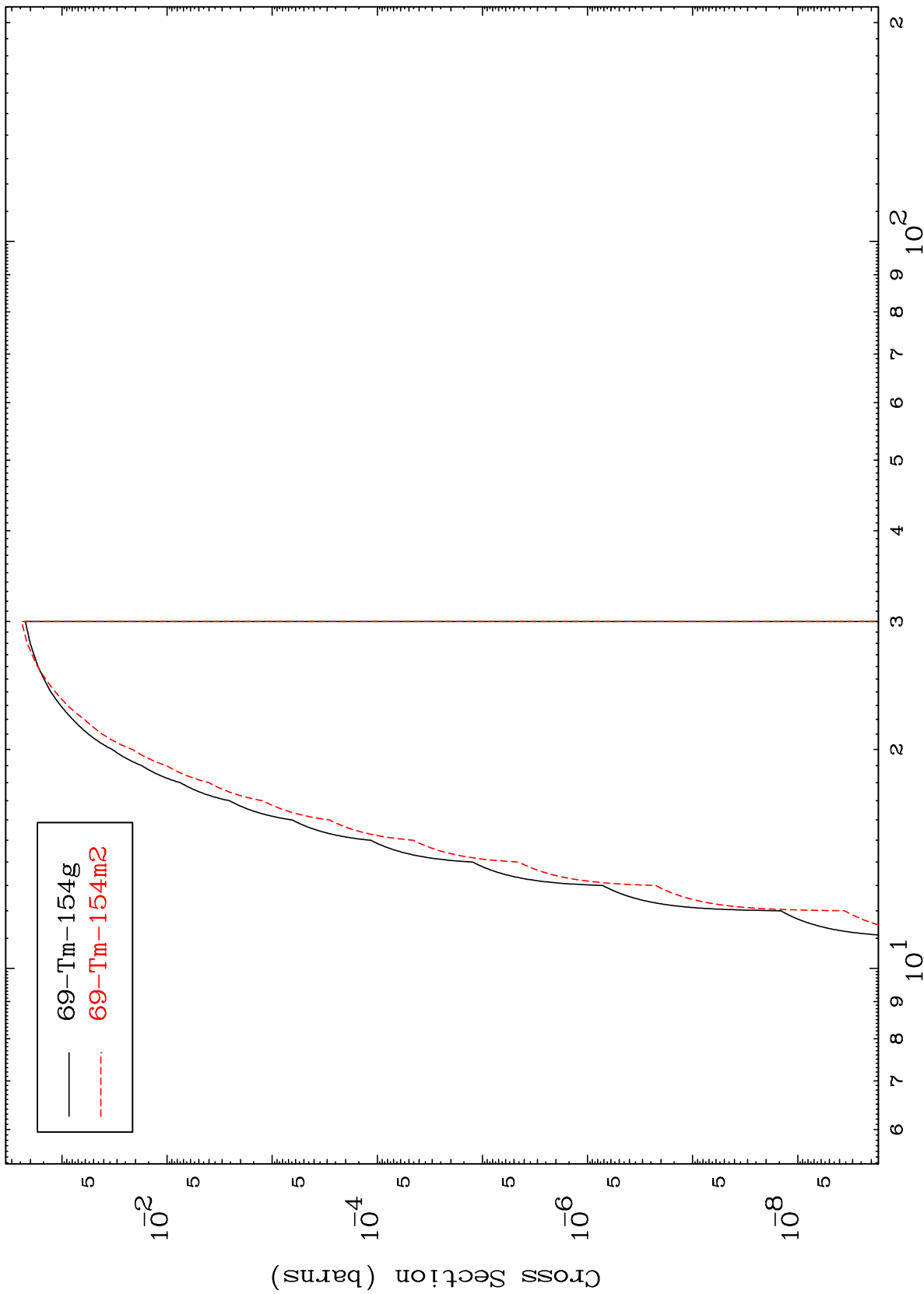
70-Yb-155

MAT 6986

(n,2n) p

70-Yb-155

Radionuclide Production Cross Section



19

Incident Energy (MeV)

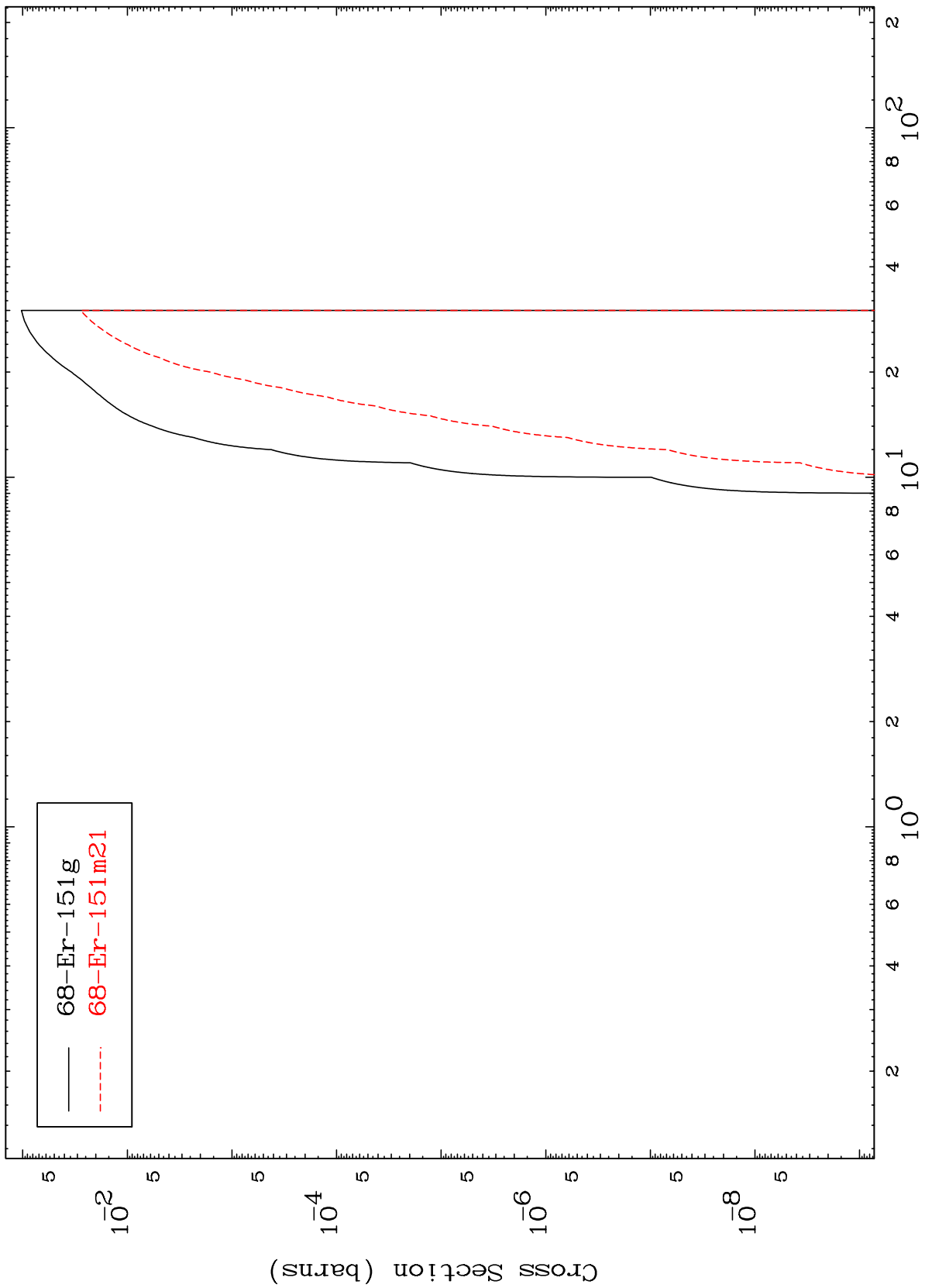
70-Yb-155

MAT 6986

(n,n') p  $\alpha$

70-Yb-155

Radionuclide Production Cross Section



20

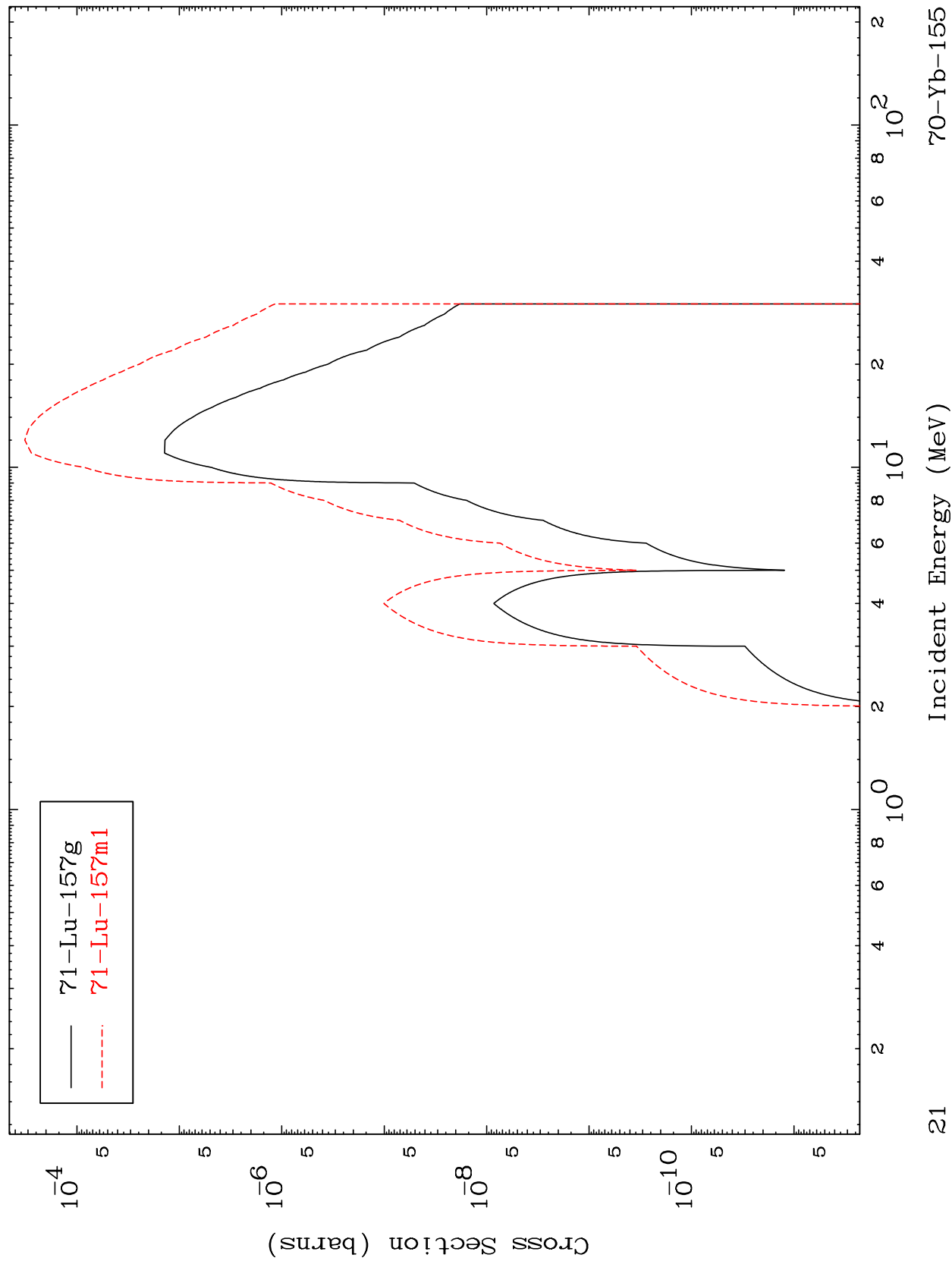
Incident Energy (MeV)

70-Yb-155

MAT 6986

70-Yb-155

(n,  $\gamma$ )  
Radionuclide Production Cross Section

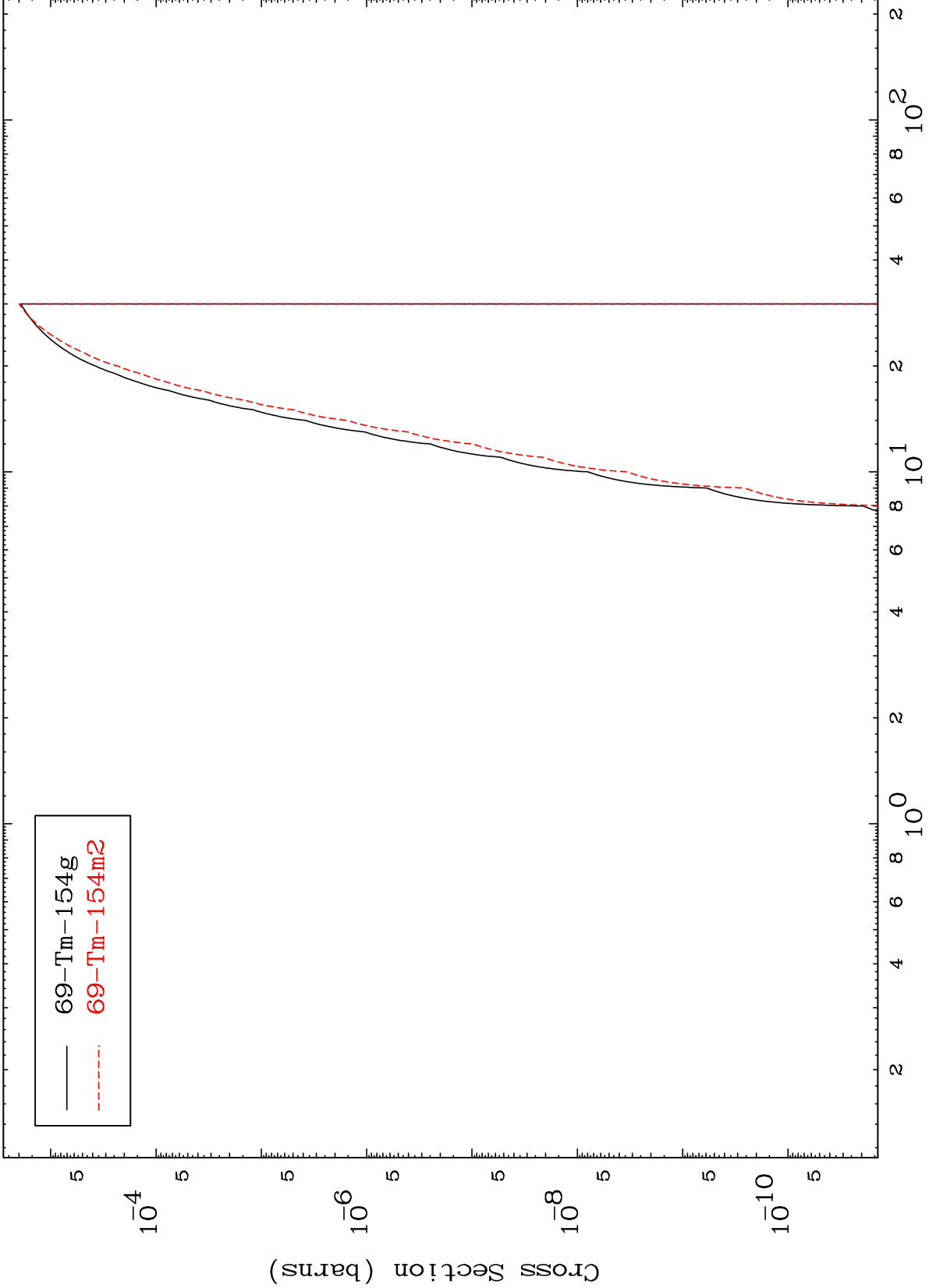


MAT 6986

(n,He-3)

70-Yb-155

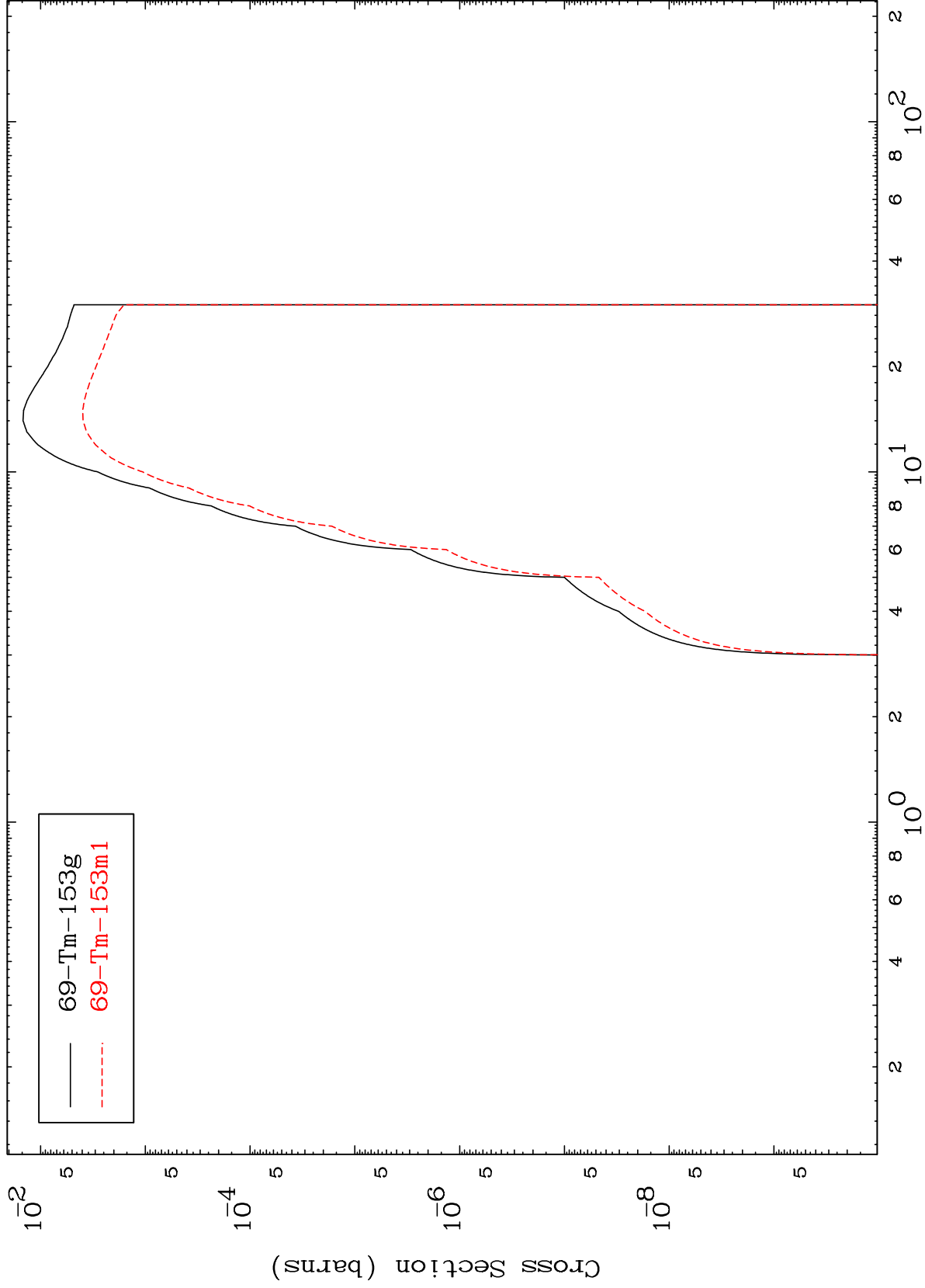
Radionuclide Production Cross Section



MAT 6986

70-Yb-155

Radionuclide Production Cross Section



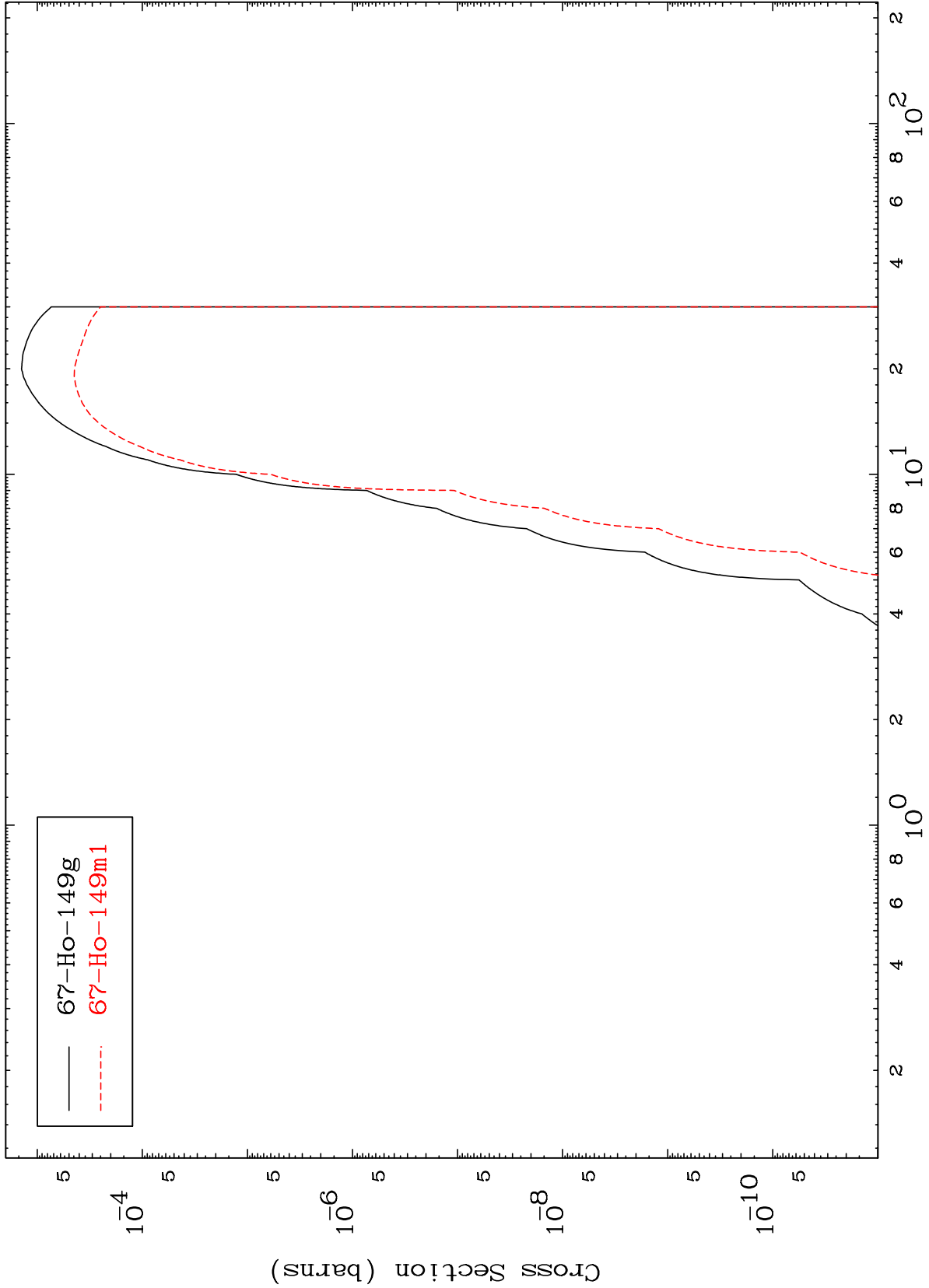


MAT 6986

(n,2α)

70-Yb-155

Radionuclide Production Cross Section



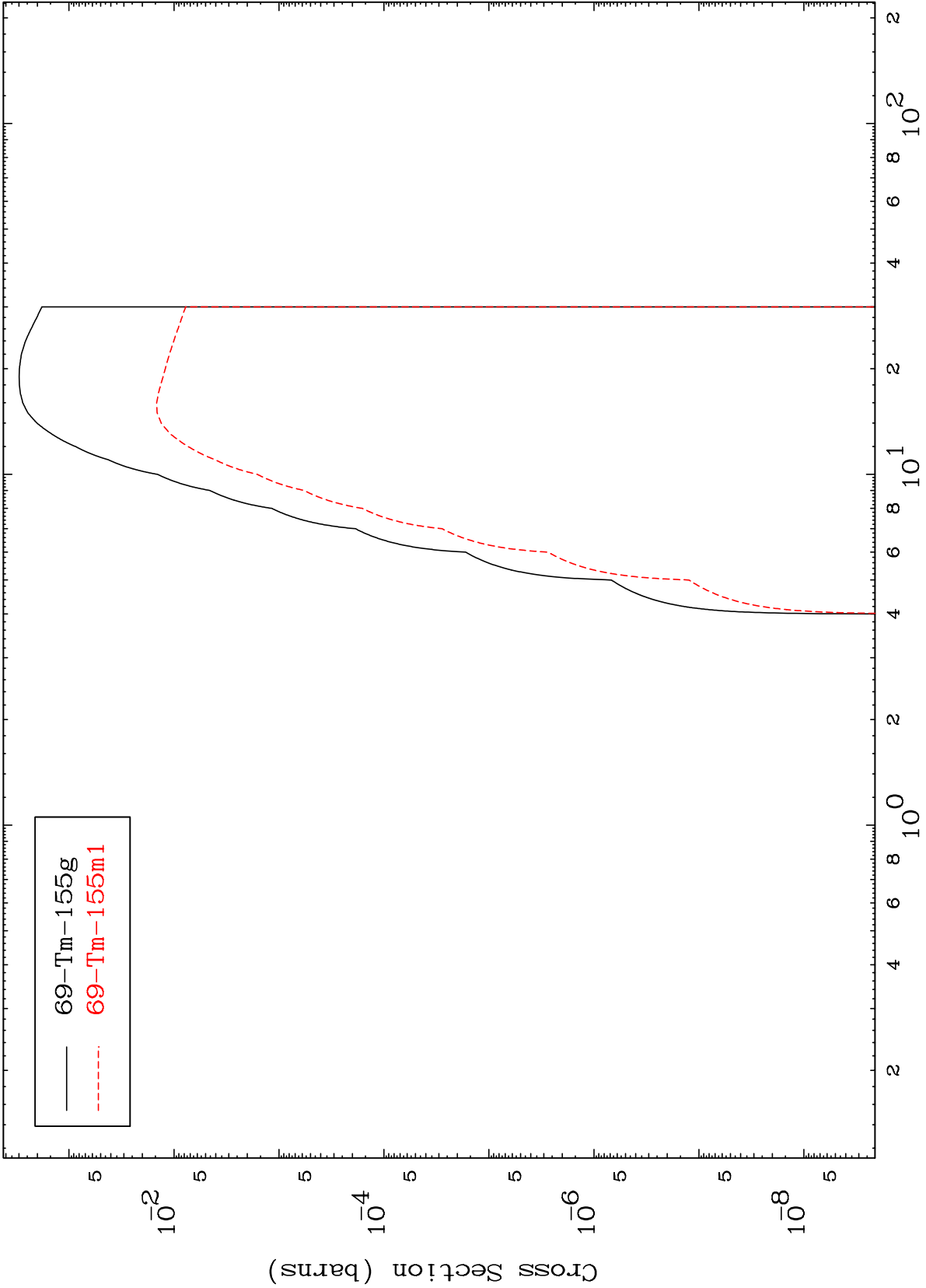
67-Ho-149g  
67-Ho-149m1

MAT 6986

(n,2p)

70-Yb-155

Radionuclide Production Cross Section

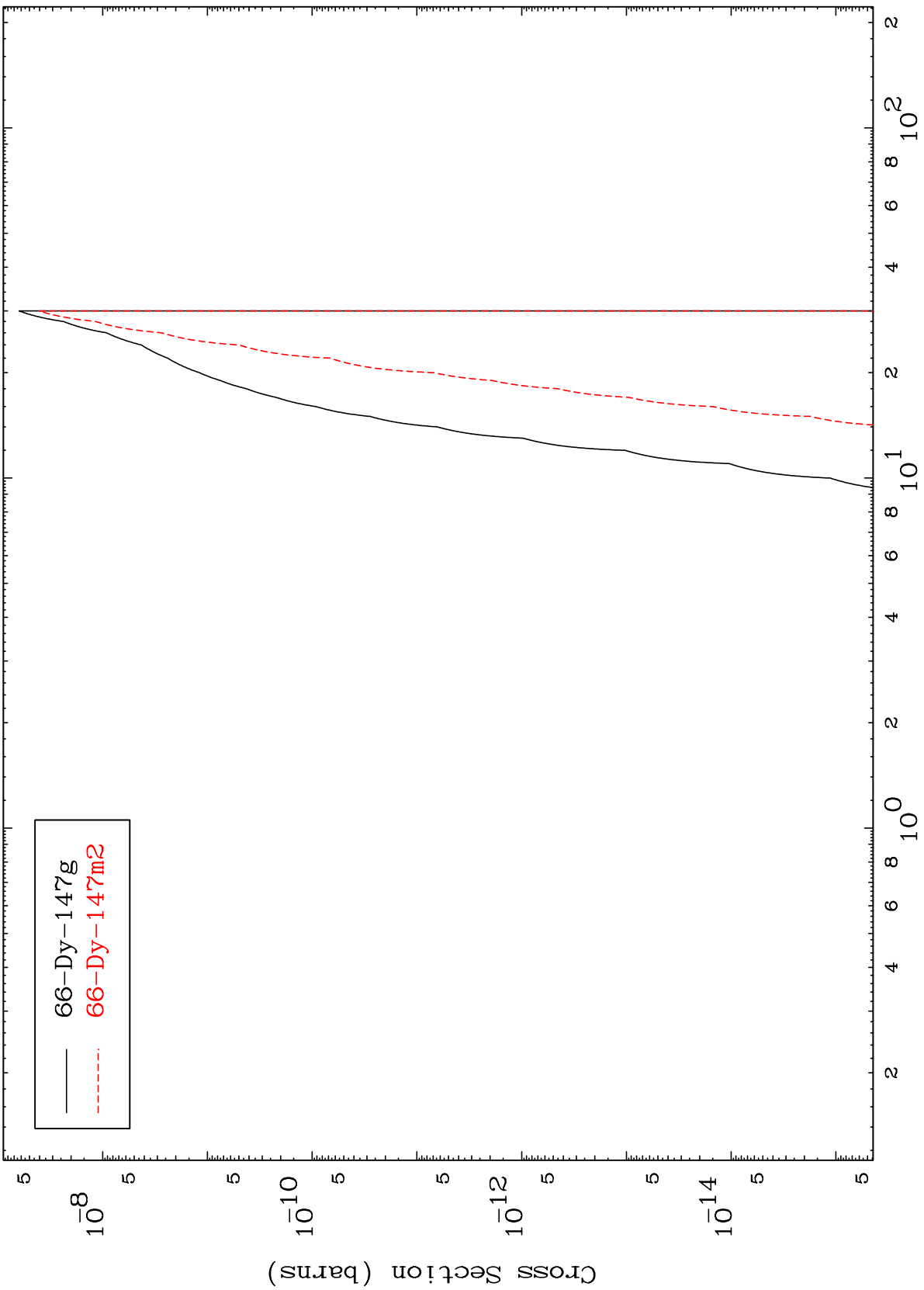


MAT 6986

(n,d)  $2\alpha$

$^{70}\text{Yb-155}$

Radionuclide Production Cross Section

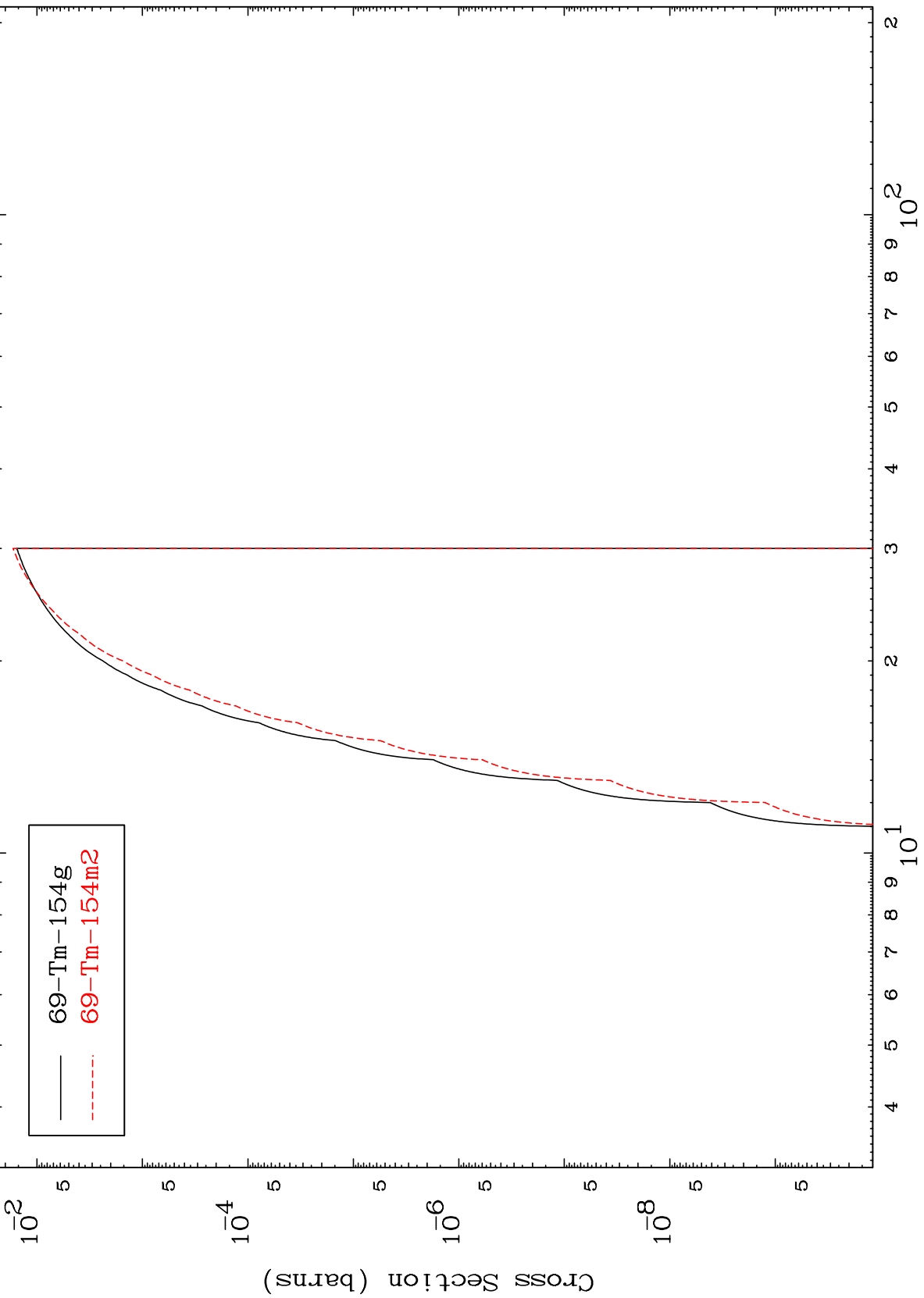


MAT 6986

(n,p) d

70-Yb-155

Radionuclide Production Cross Section

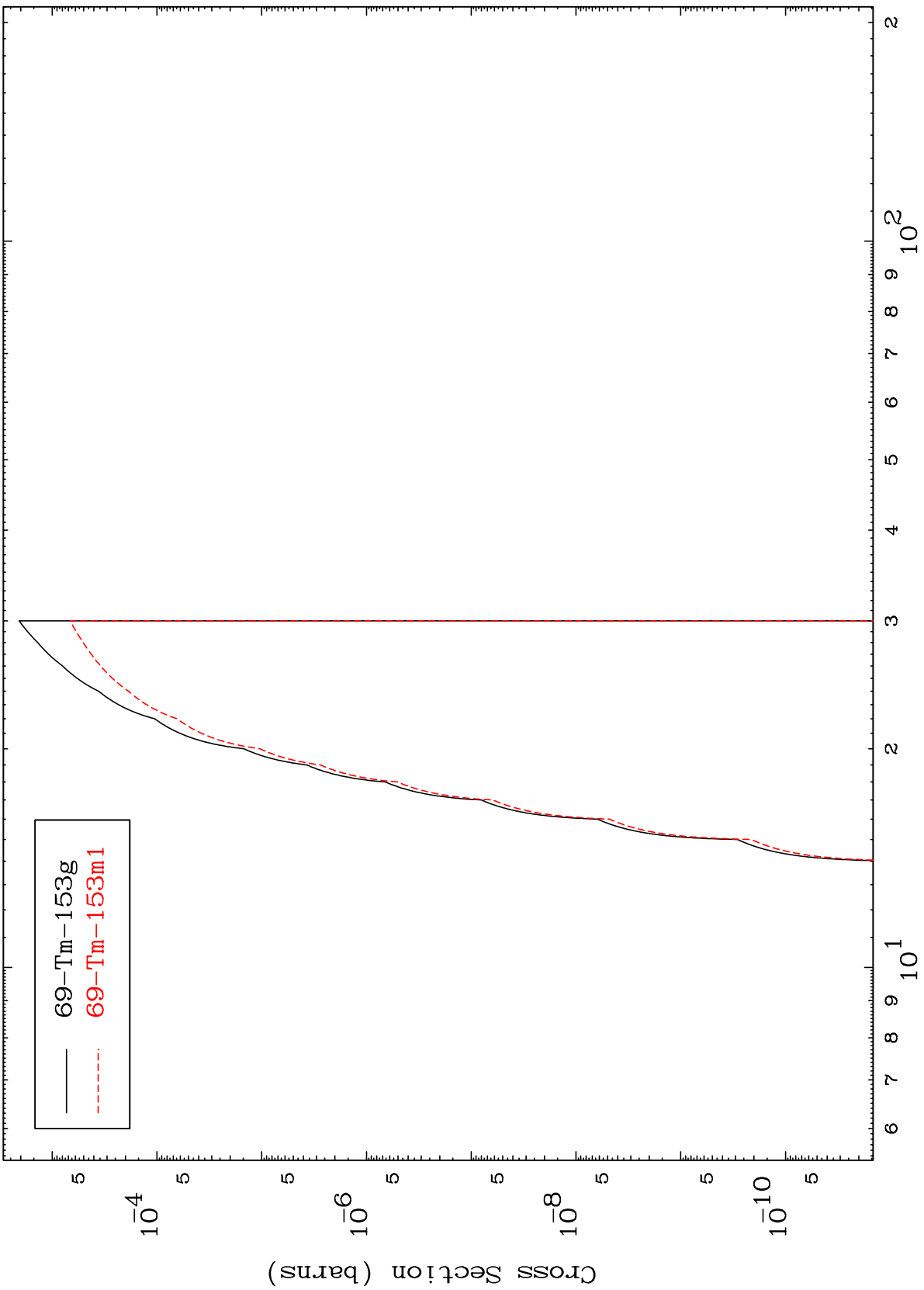


MAT 6986

(n,p) t

70-Yb-155

Radionuclide Production Cross Section



28

Incident Energy (MeV)

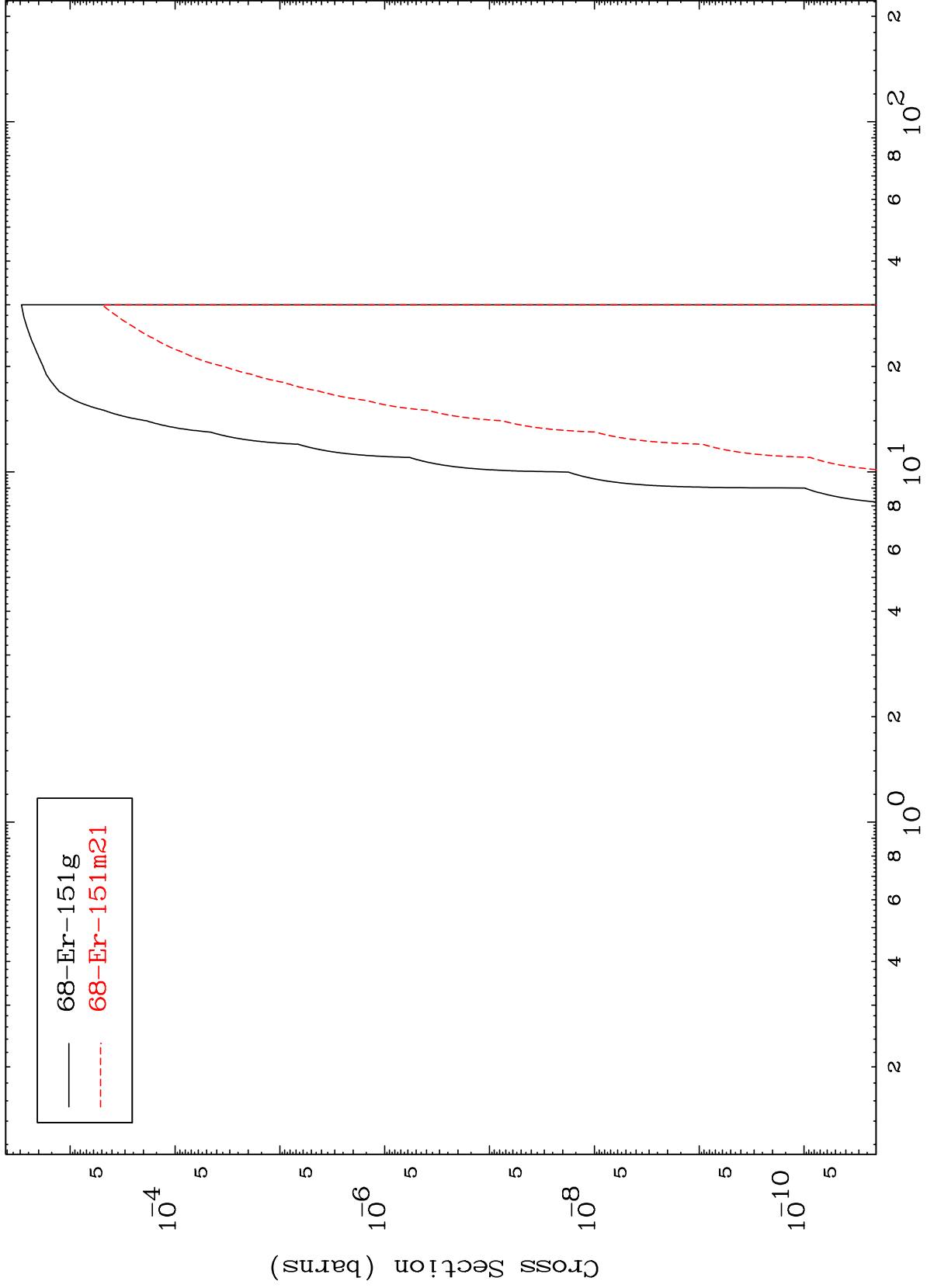
70-Yb-155

MAT 6986

(n,d)  $\alpha$

70-Yb-155

Radionuclide Production Cross Section



29

Incident Energy (MeV)

70-Yb-155