

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

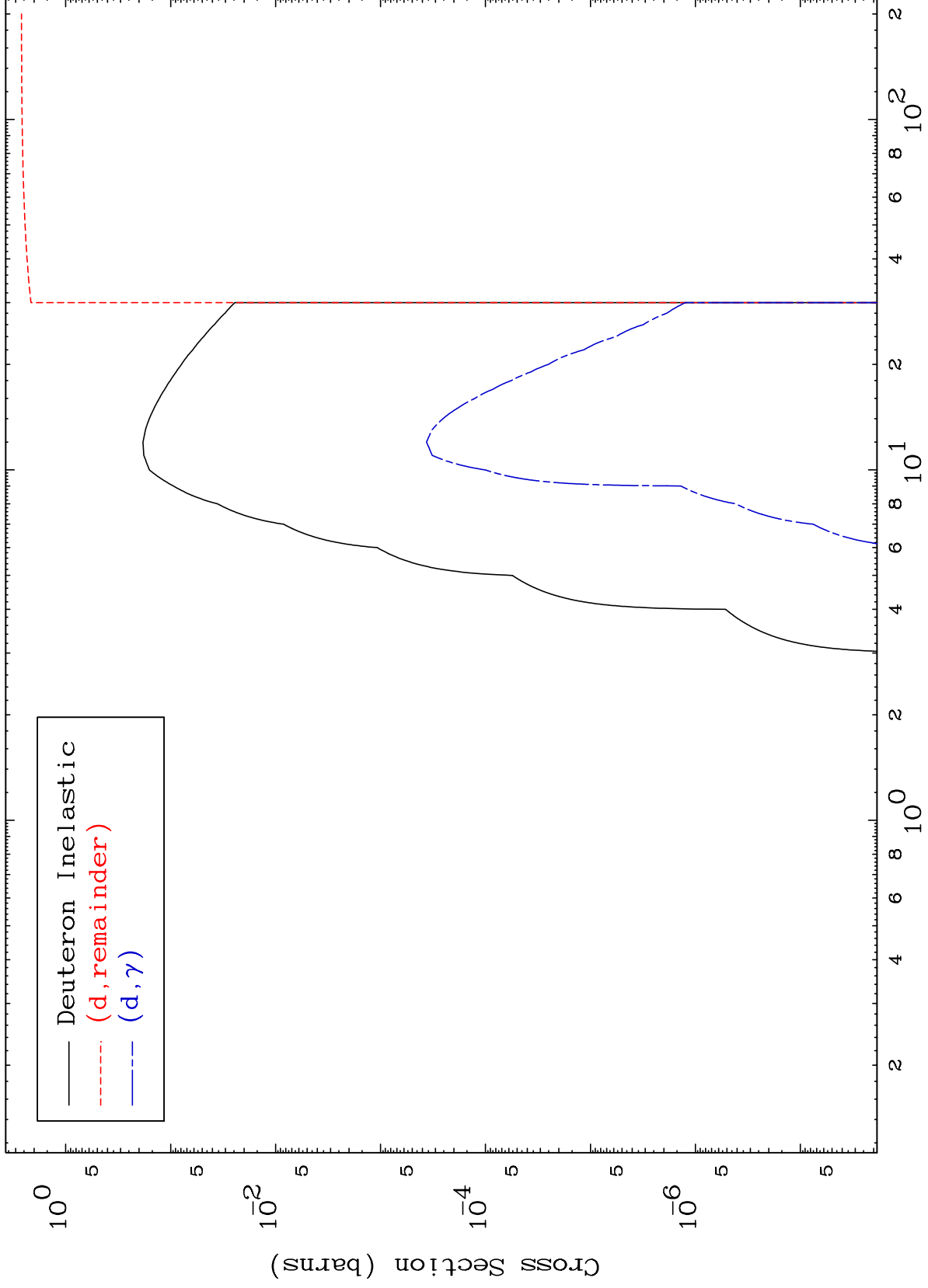
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

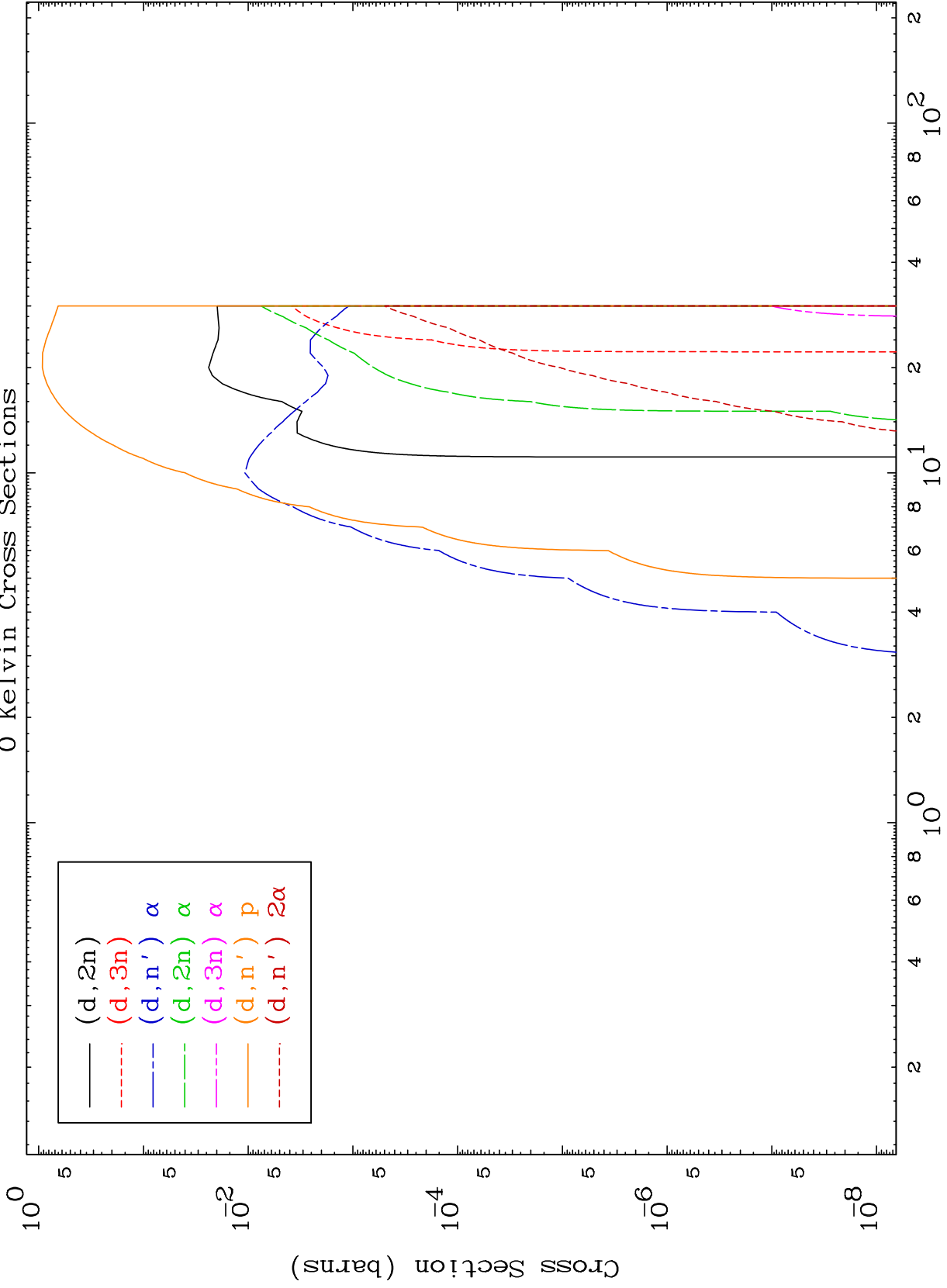
Tele: 925-443-1911

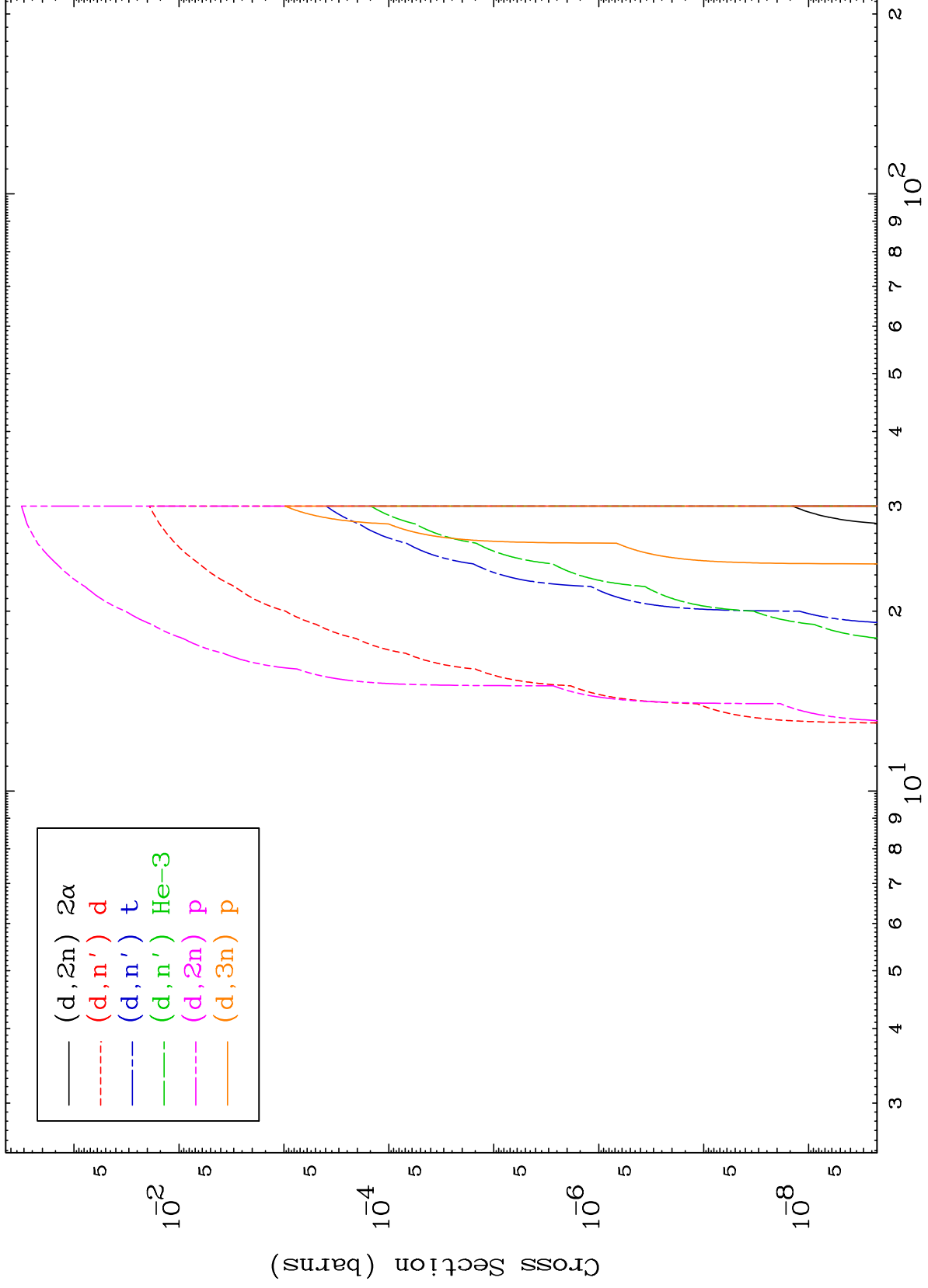
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



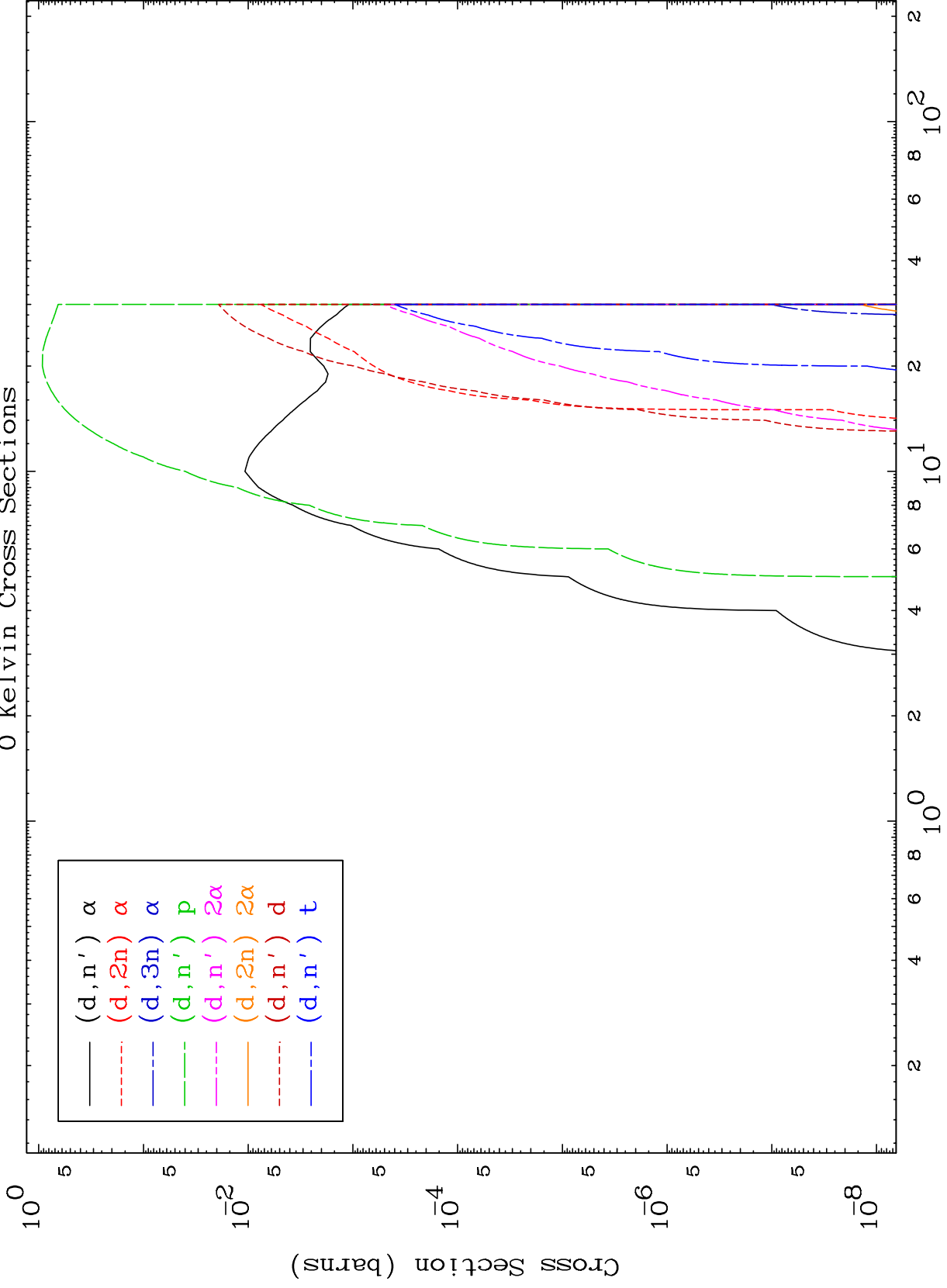


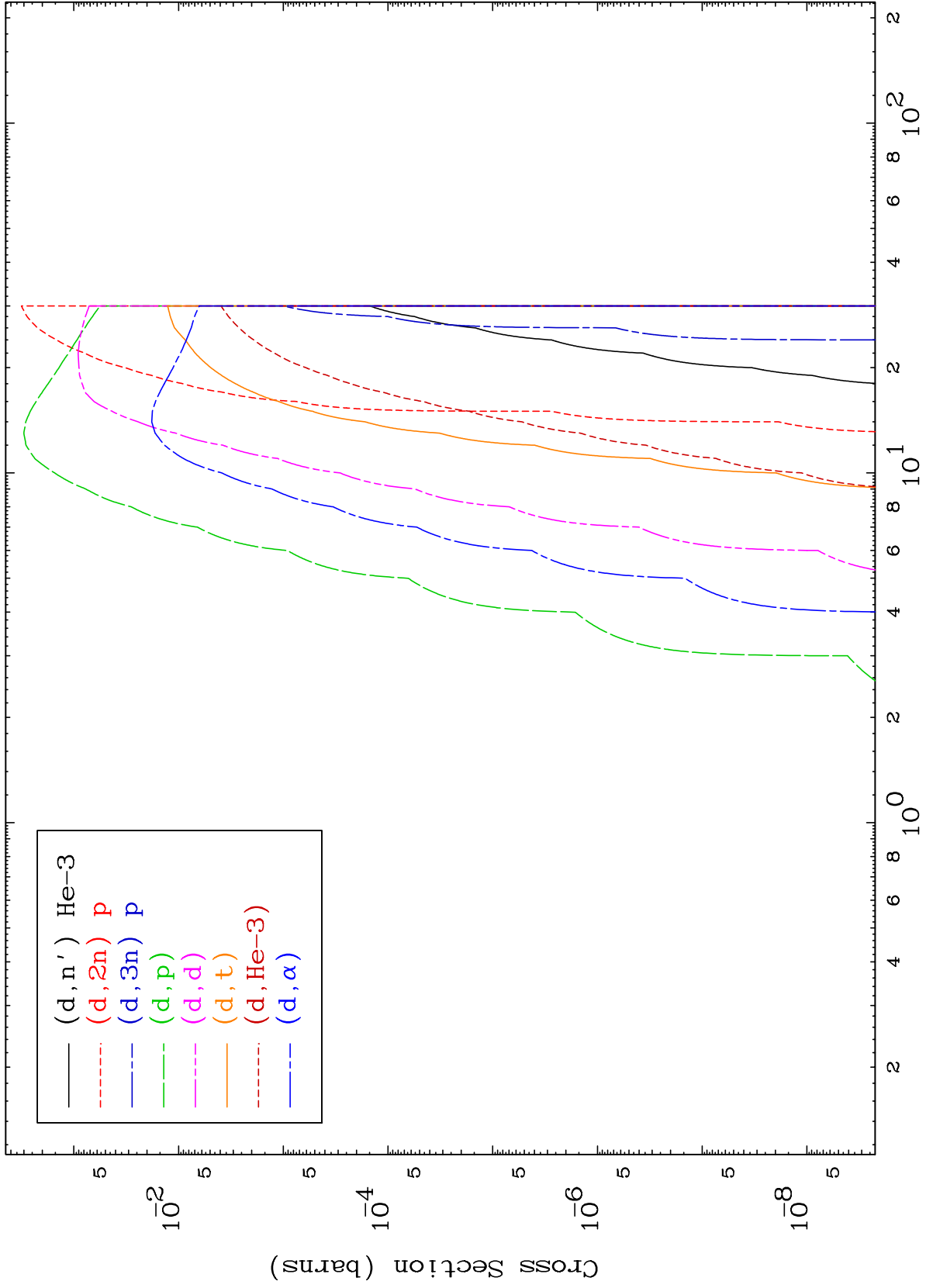


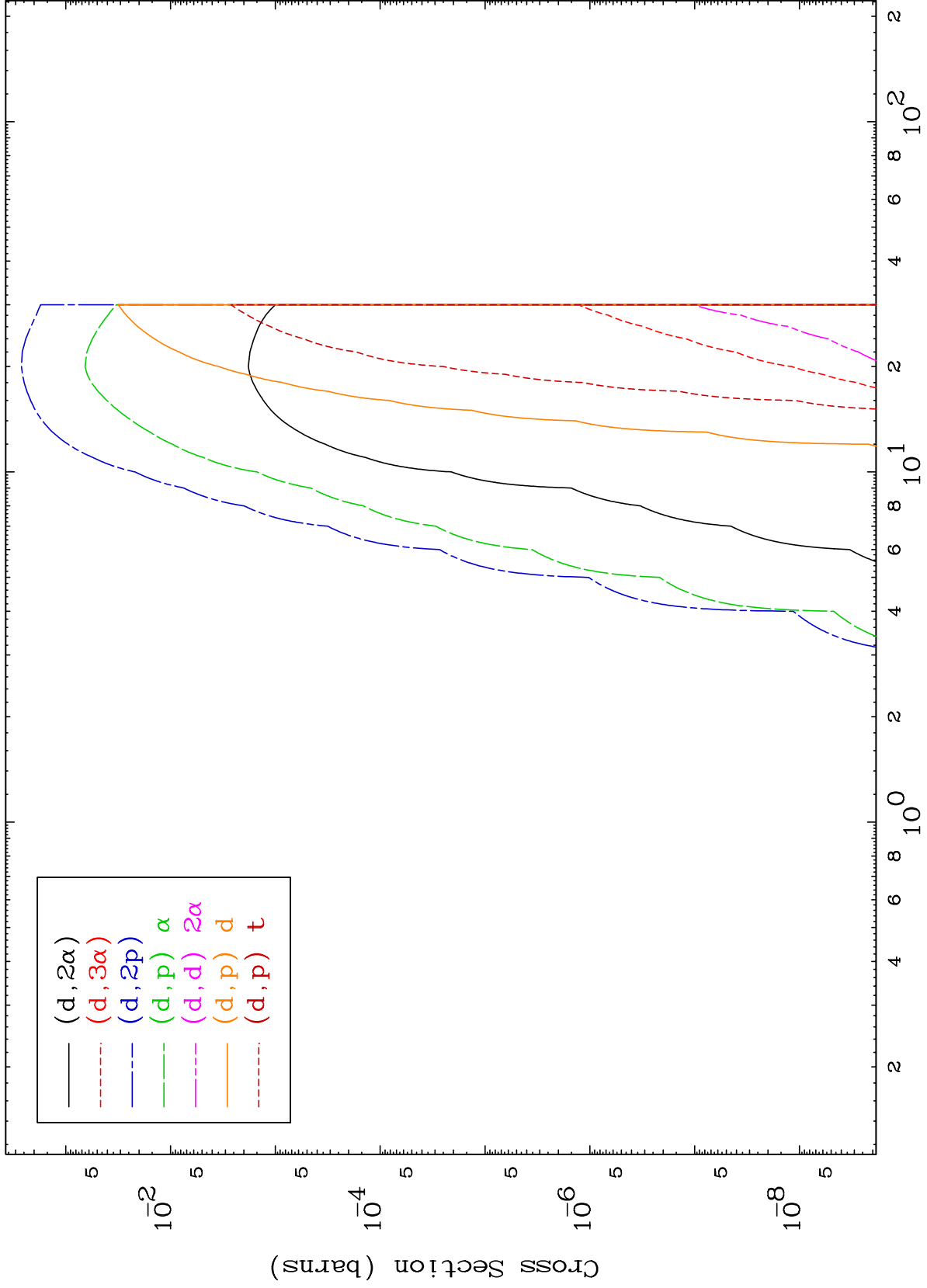
MAT 6986

Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-155





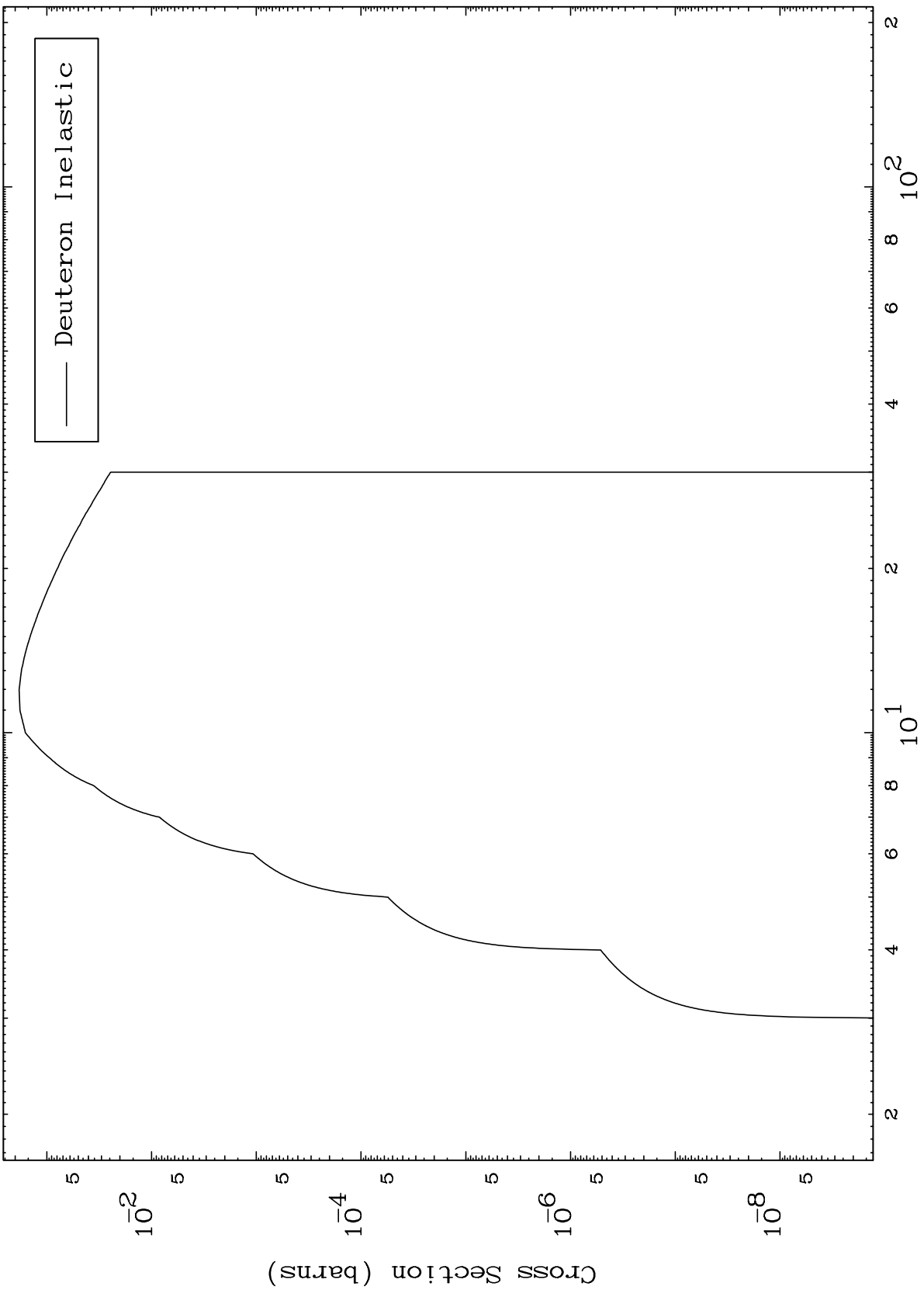


MAT 6986

(d,n') Level

70-Yb-155

0 Kelvin Cross Sections



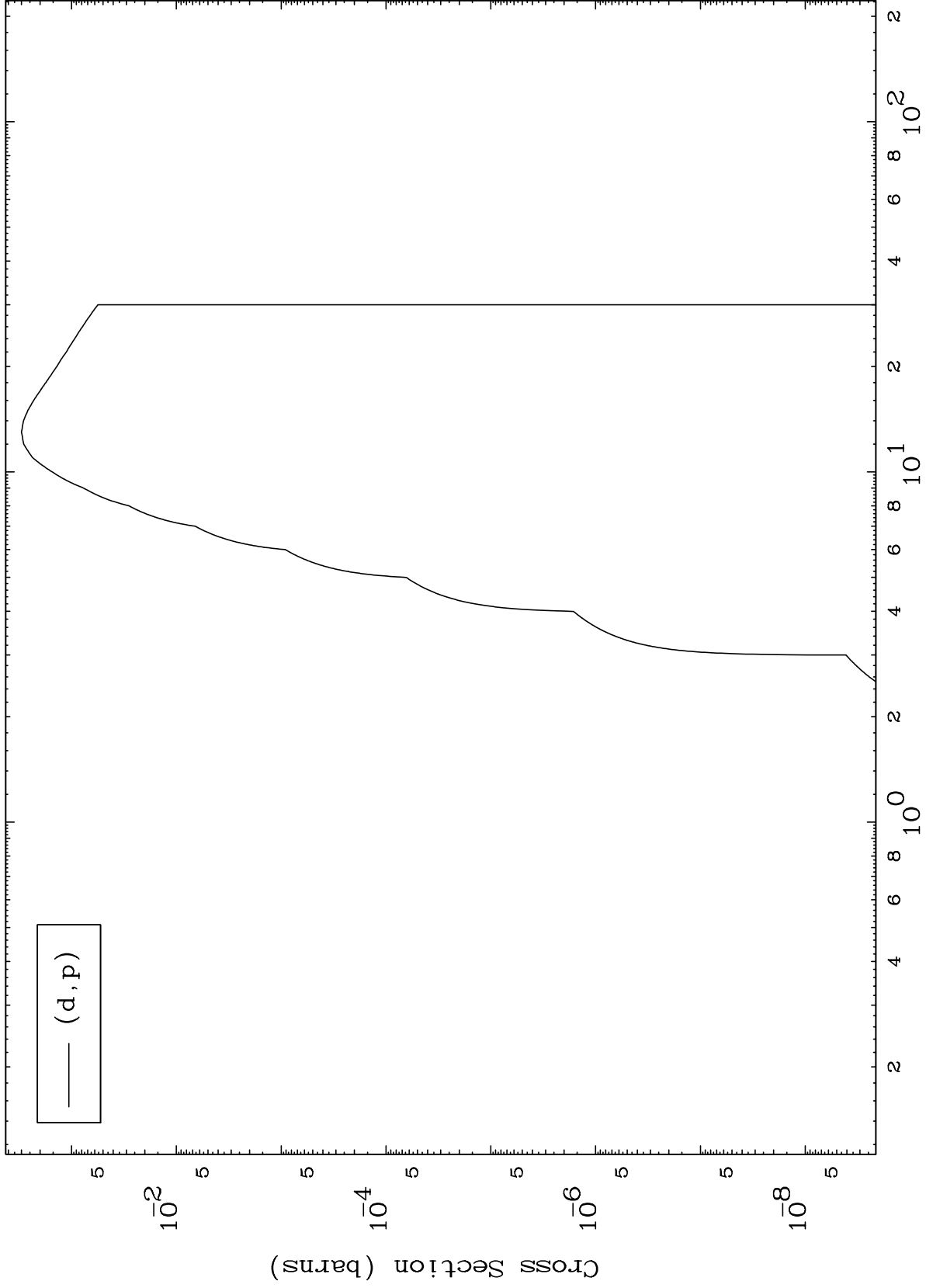


MAT 6986

(d,p) Levels

70-Yb-155

0 Kelvin Cross Sections

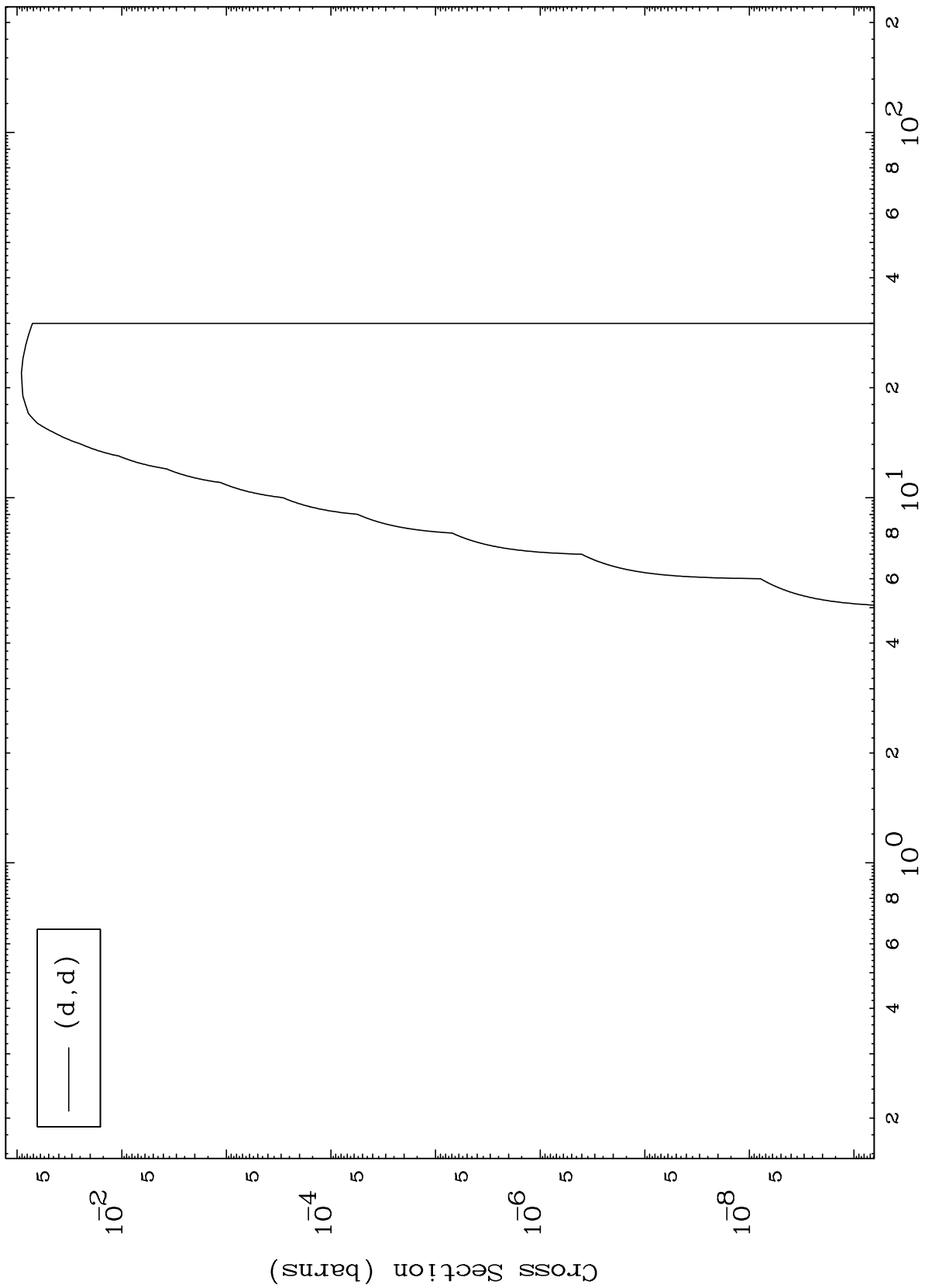


MAT 6986

(d,d) Levels

70-Yb-155

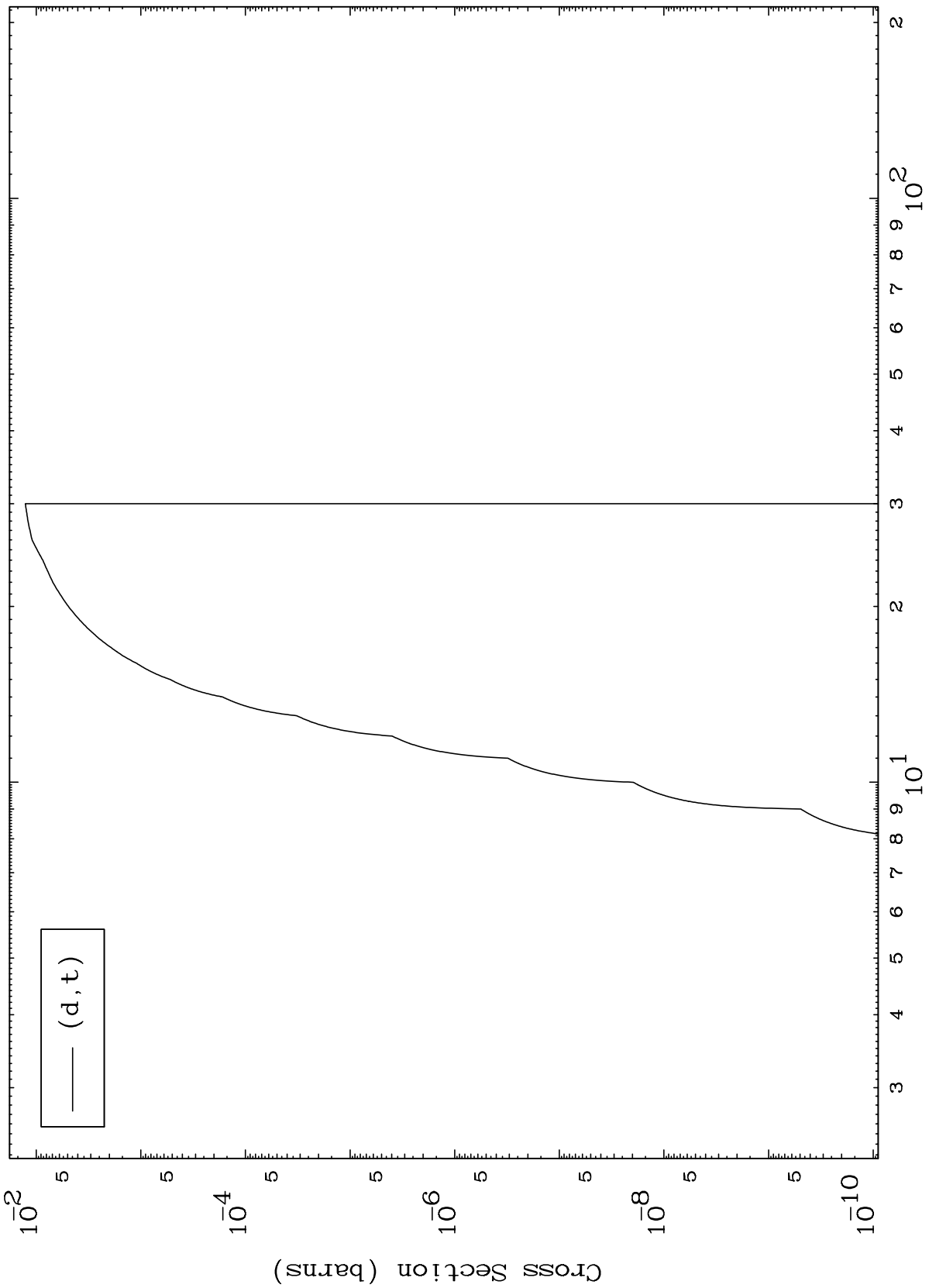
0 Kelvin Cross Sections



MAT 6986

70-Yb-155

(d,t) Levels  
0 Kelvin Cross Sections



70-Yb-155

Incident Energy (MeV)

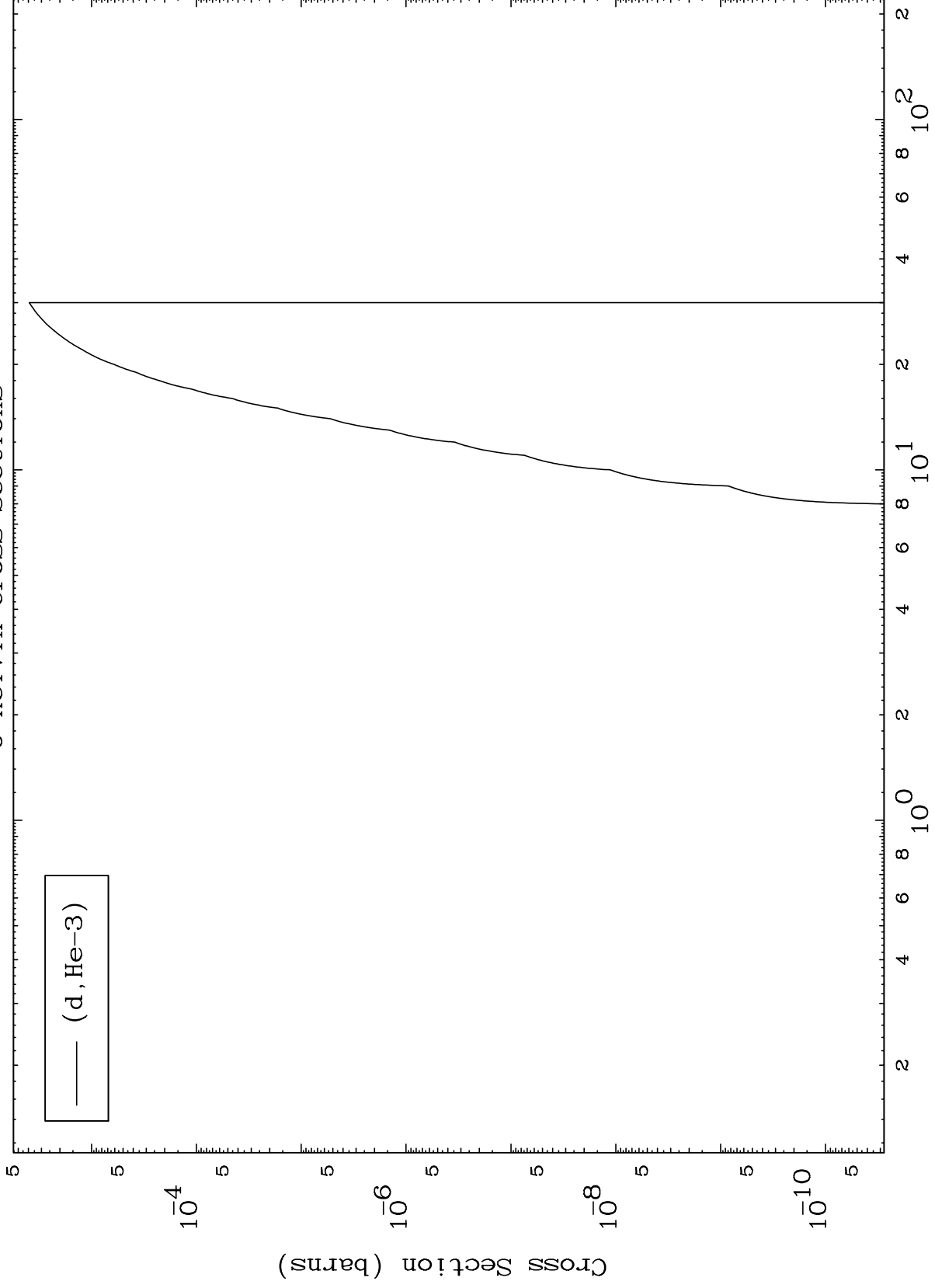
10

MAT 6986

(d,He3) Levels

70-Yb-155

0 Kelvin Cross Sections

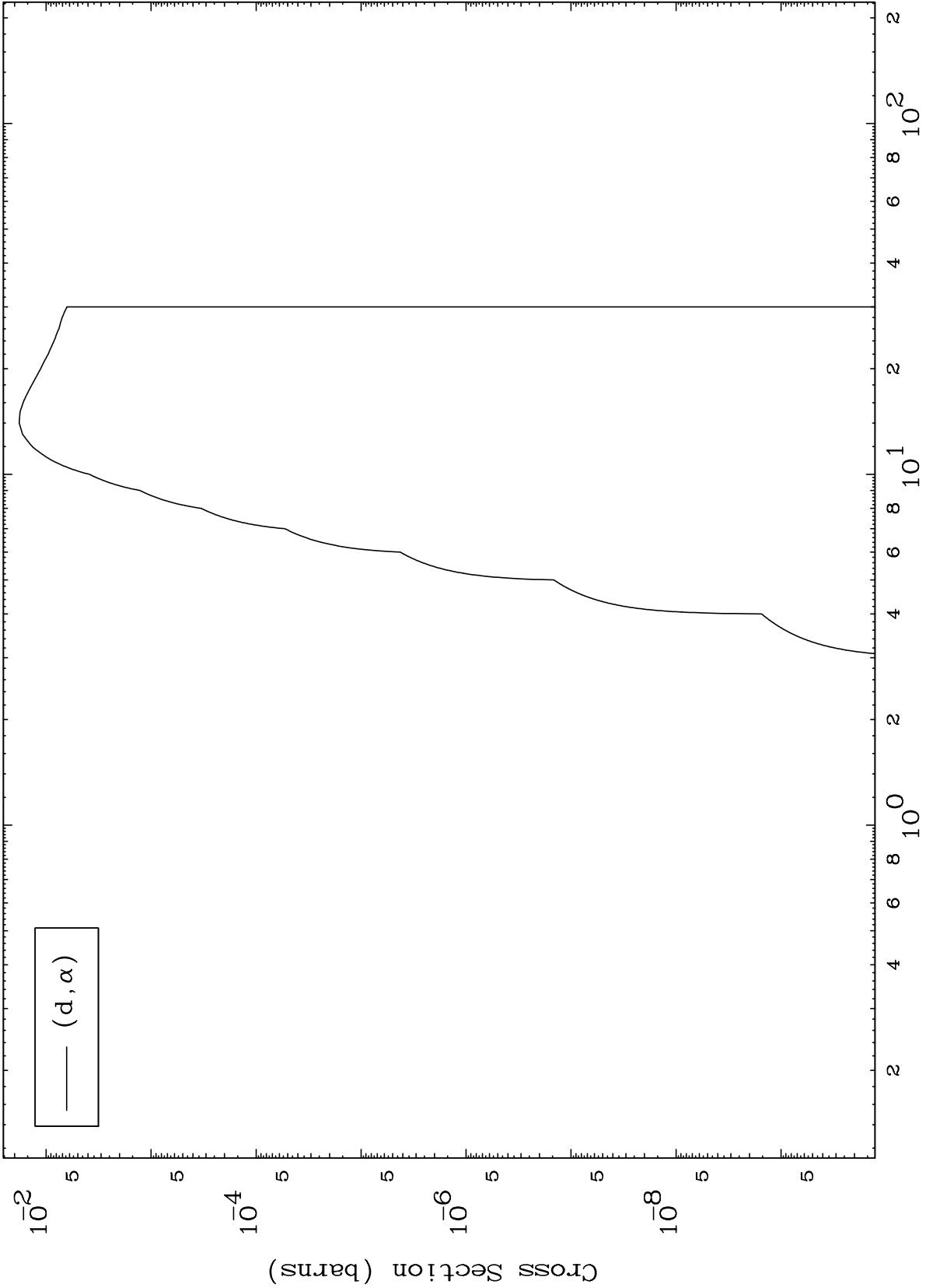


MAT 6986

(d,  $\alpha$ ) Levels

70-Yb-155

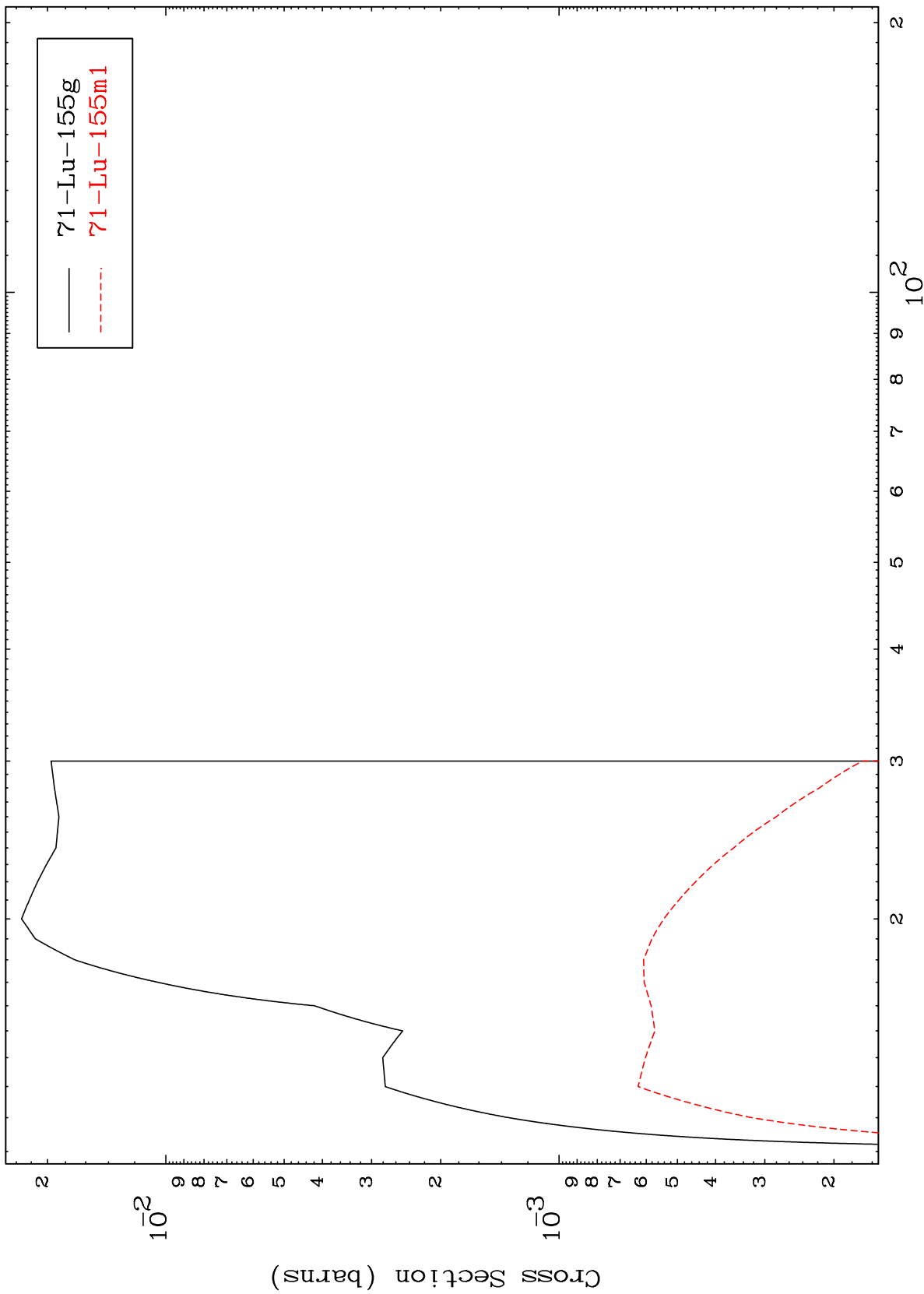
0 Kelvin Cross Sections



MAT 6986

70-Yb-155

(d,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

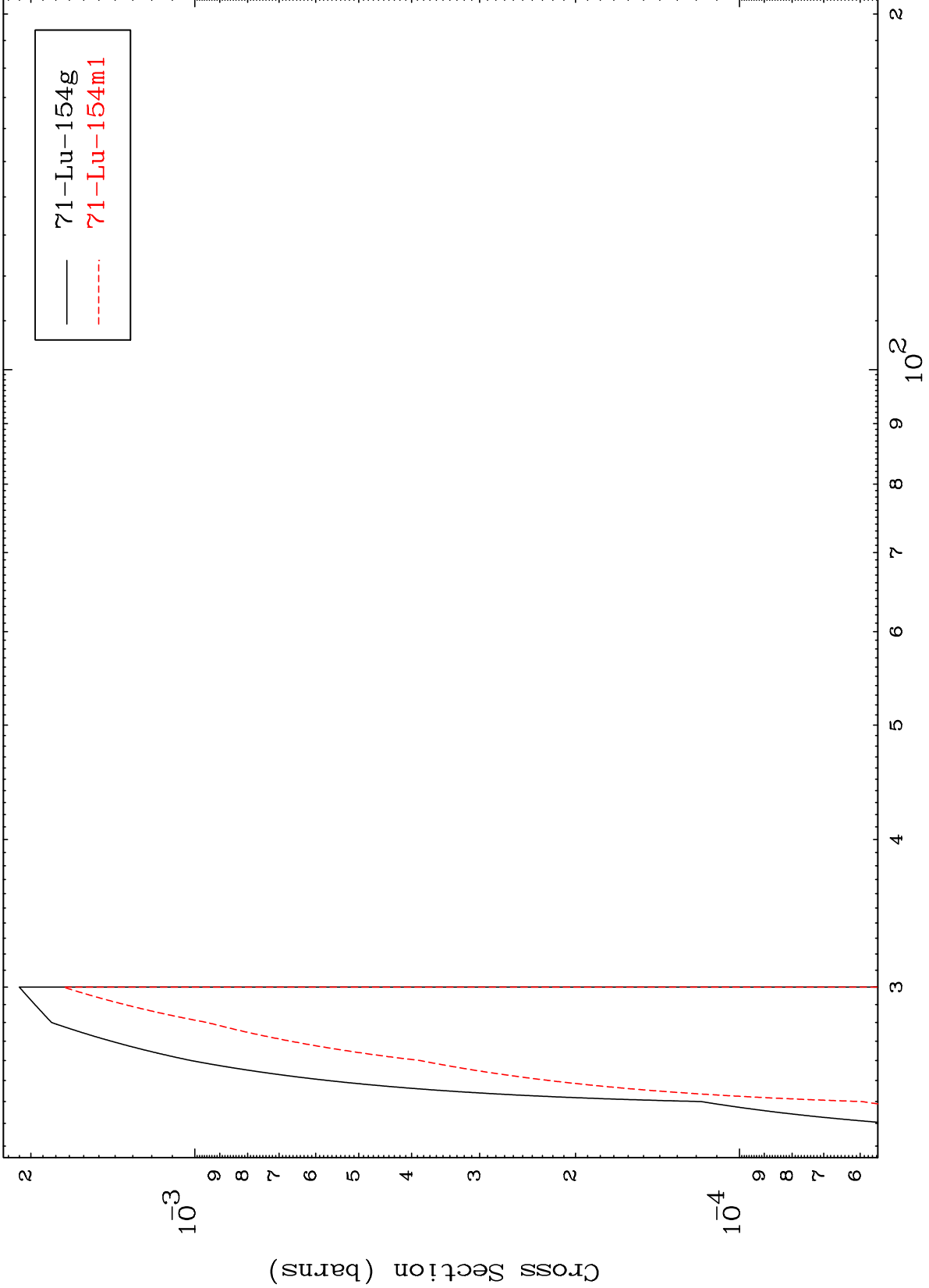
70-Yb-155

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(d,3n)

70-Yb-155

Radionuclide Production Cross Section



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

14

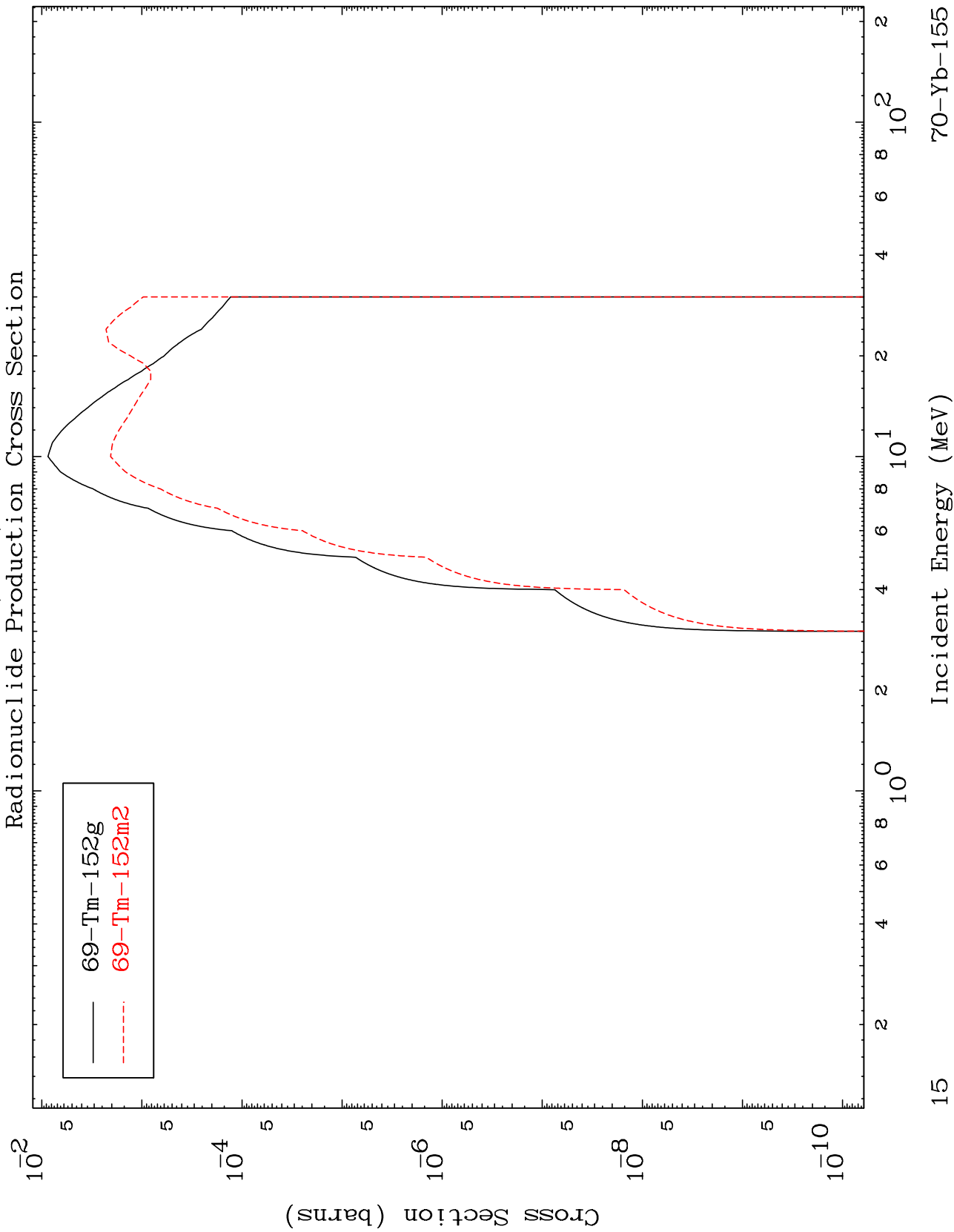
Incident Energy (MeV)

70-Yb-155

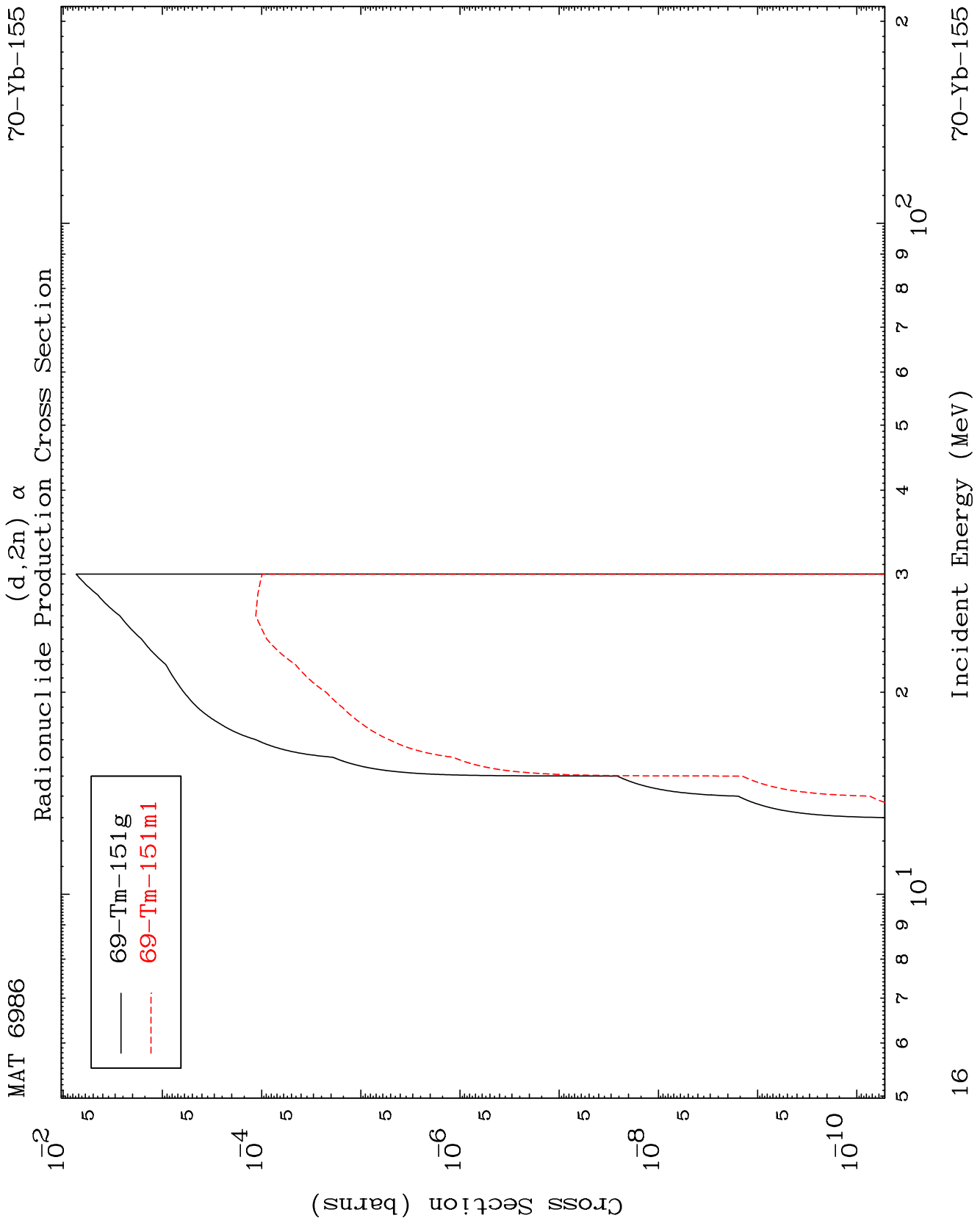
MAT 6986

(d,n')  $\alpha$

70-Yb-155





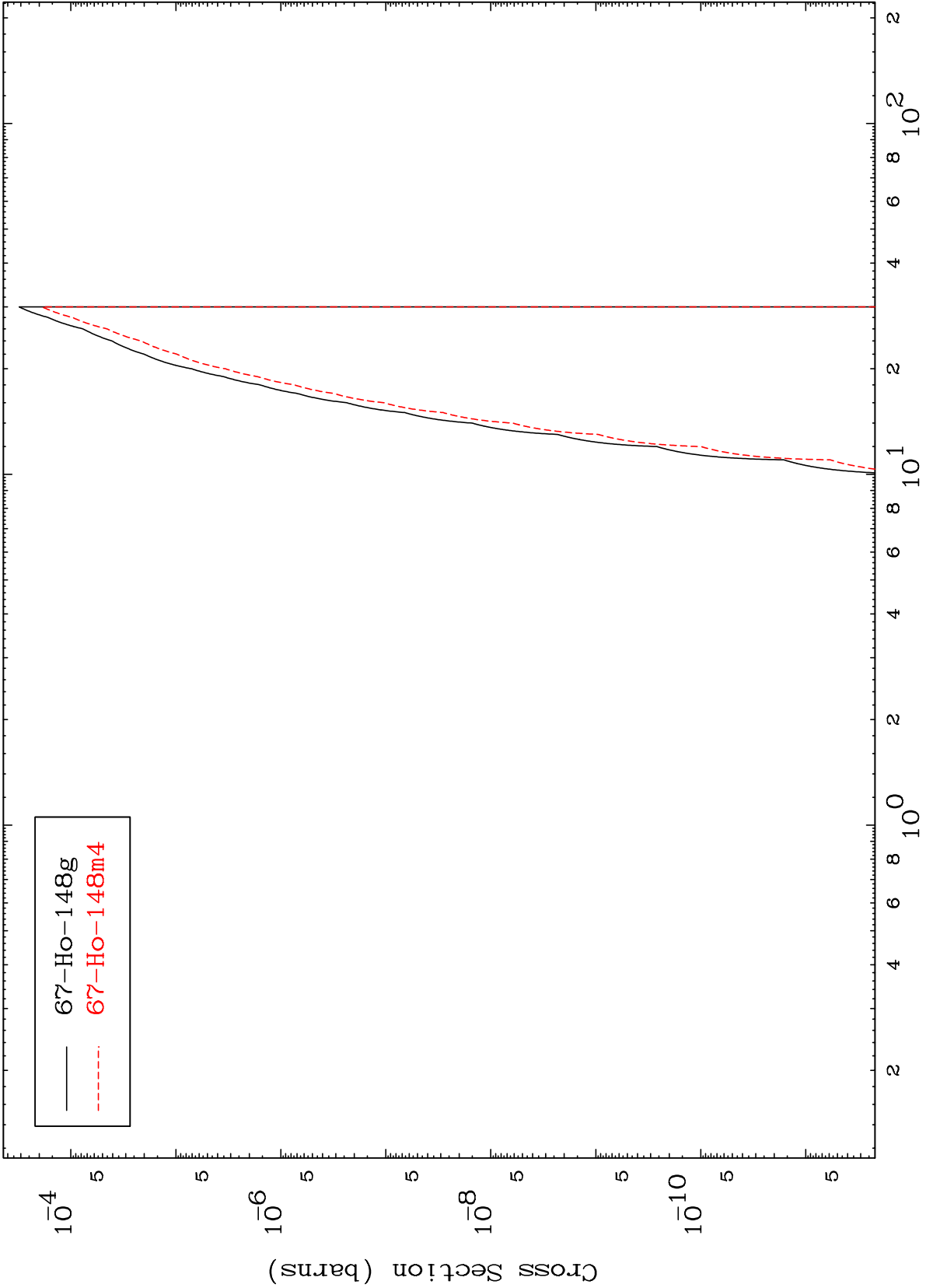


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(d,n') 2α

70-Yb-155

Radionuclide Production Cross Section



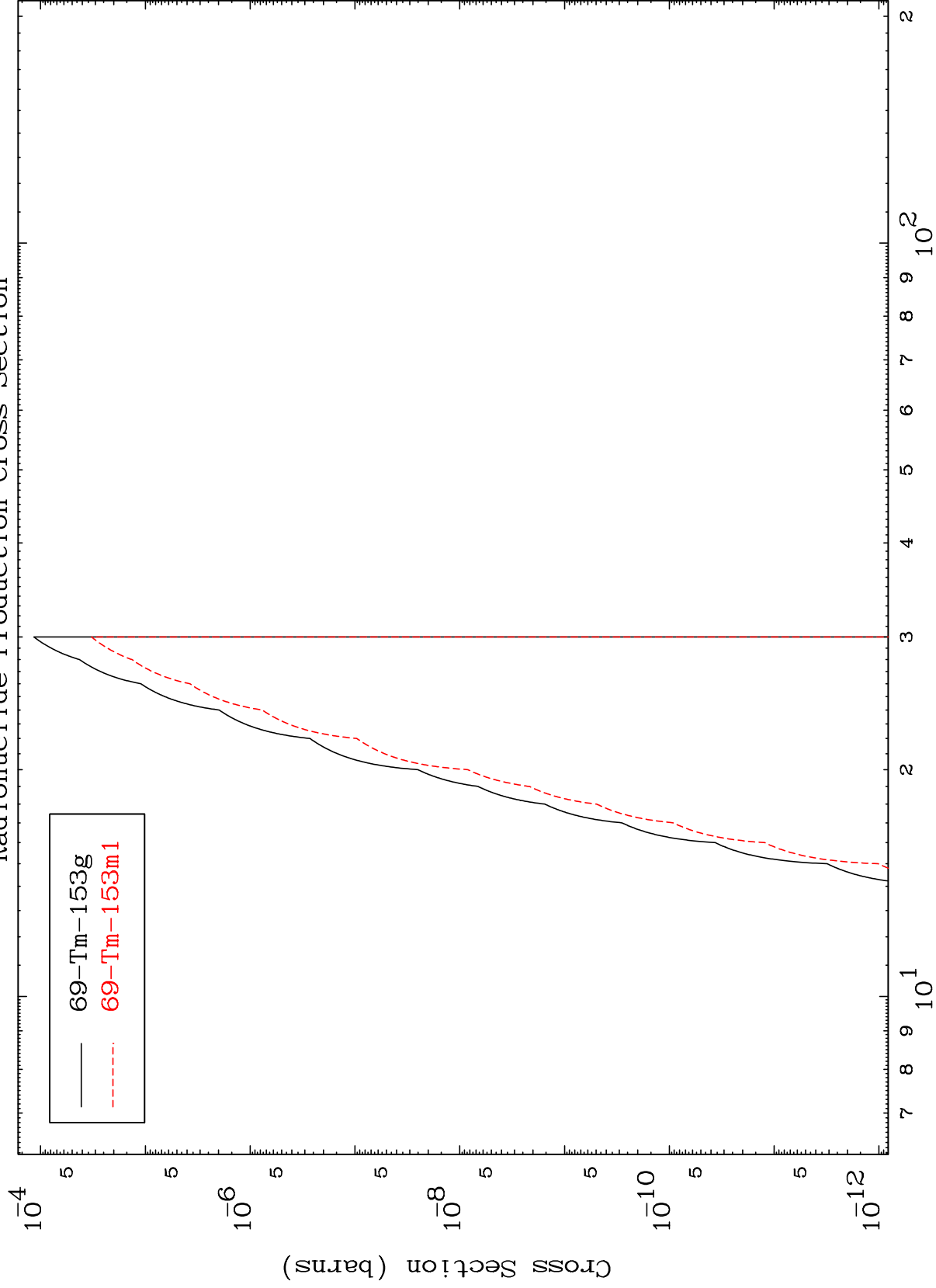
— 67-Ho-148g  
- - - 67-Ho-148m4

MAT 6986

(d,n') He-3

70-Yb-155

Radionuclide Production Cross Section



18

Incident Energy (MeV)

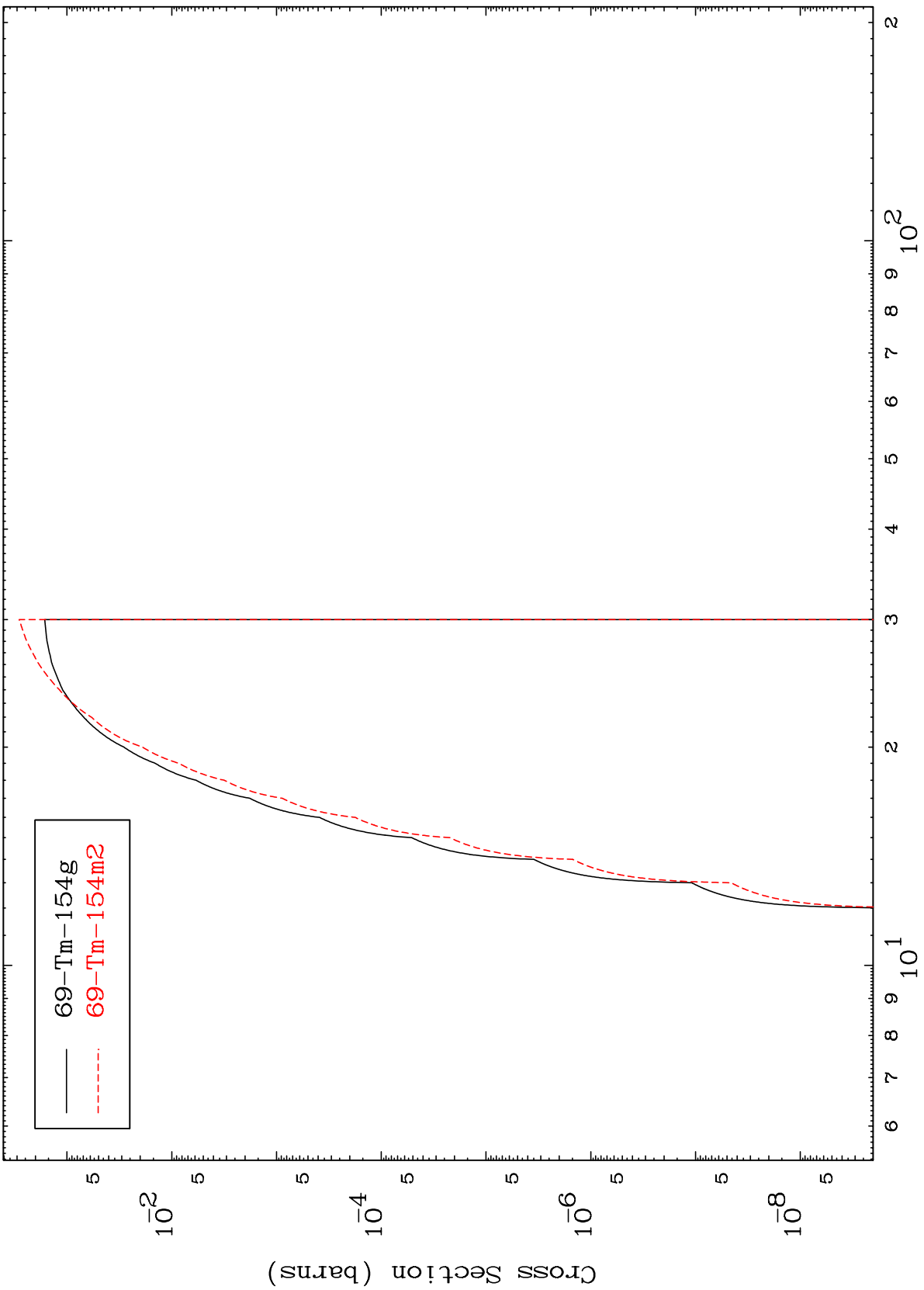
70-Yb-155

MAT 6986

(d,2n) p

70-Yb-155

Radionuclide Production Cross Section



19

Incident Energy (MeV)

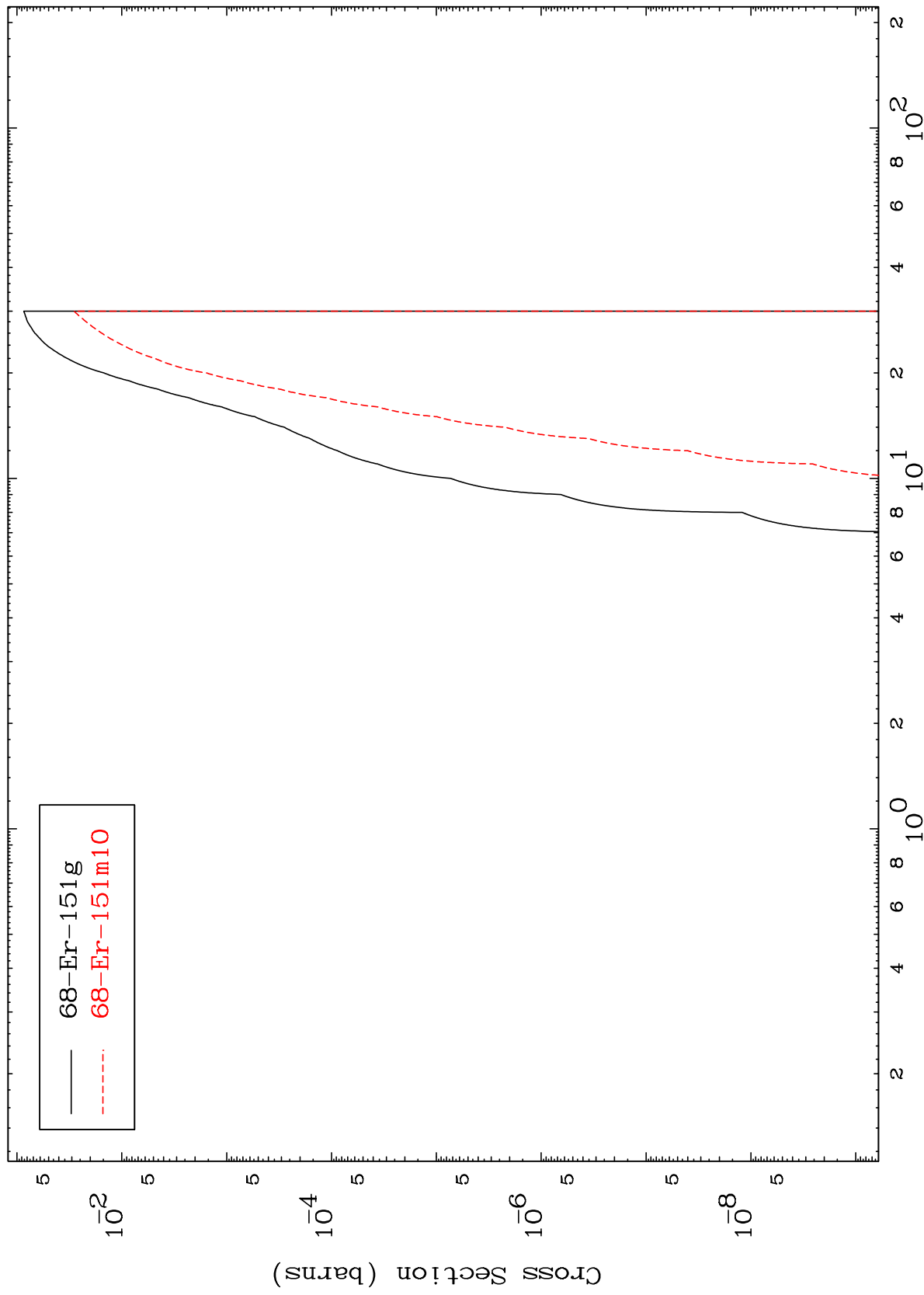
70-Yb-155

MAT 6986

(d,n') p  $\alpha$

70-Yb-155

Radionuclide Production Cross Section



20

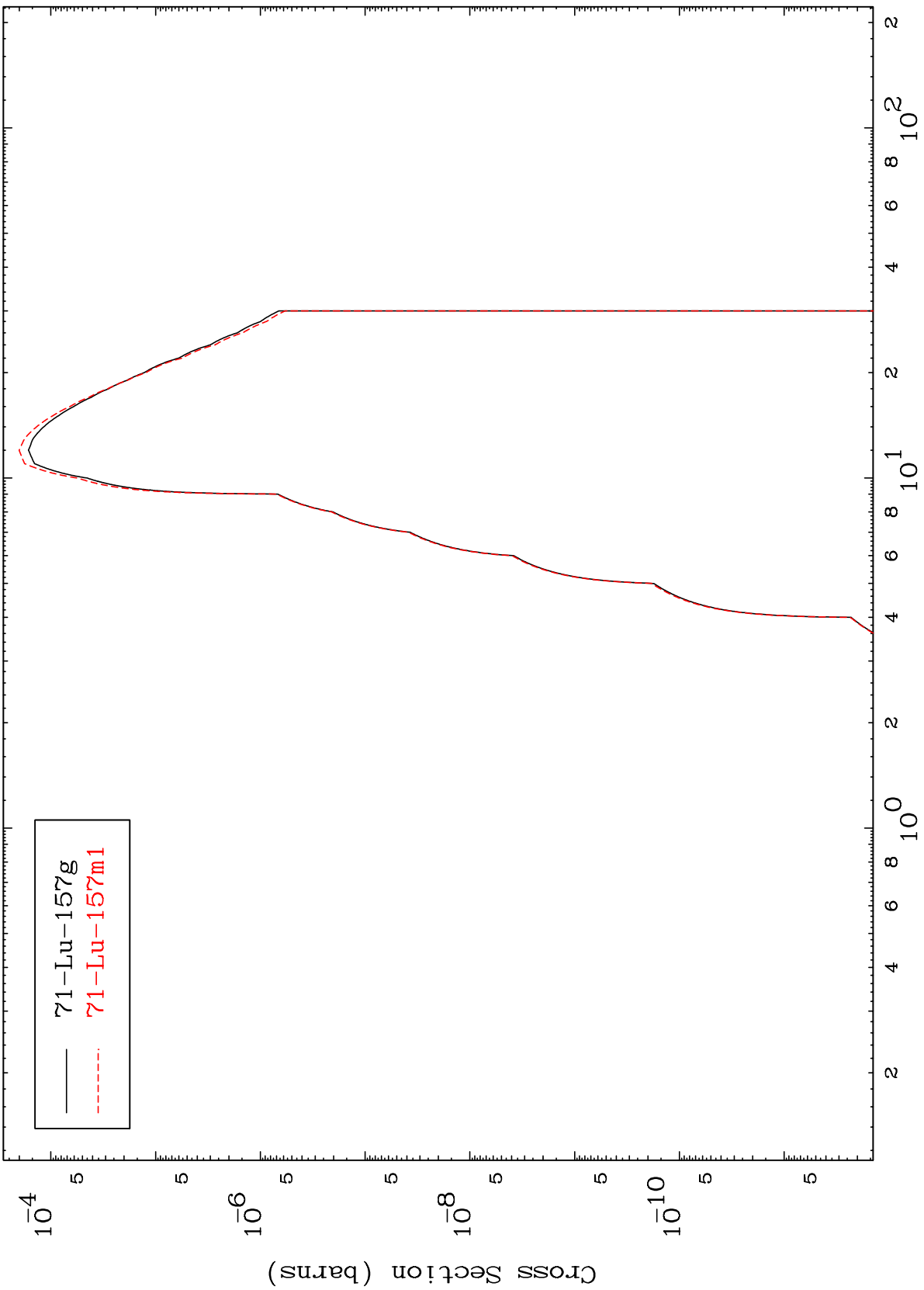
Incident Energy (MeV)

70-Yb-155

MAT 6986

<sup>70</sup>Yb-155

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



<sup>70</sup>Yb-155

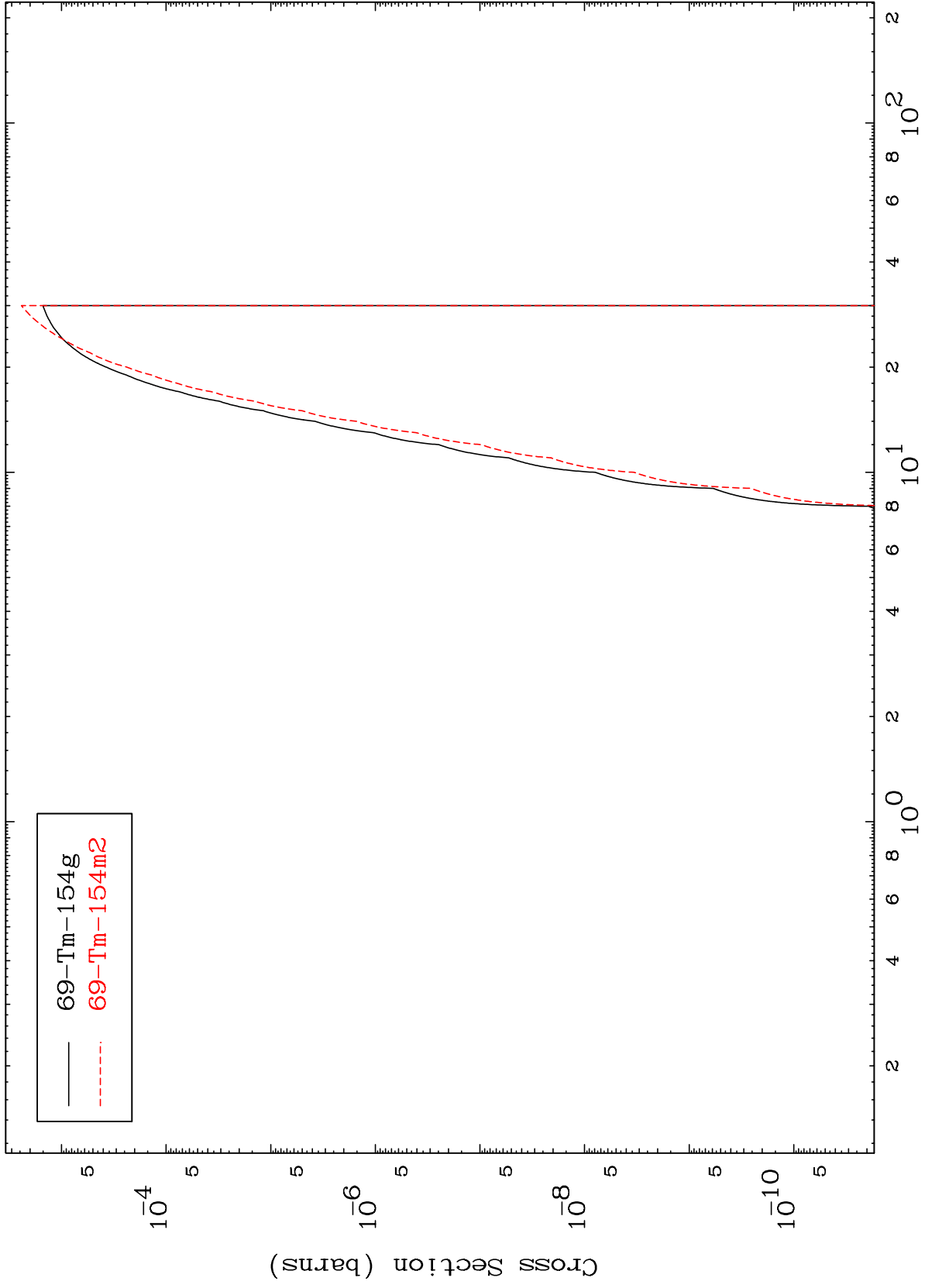
Incident Energy (MeV)

MAT 6986

(d,He-3)

70-Yb-155

Radionuclide Production Cross Section

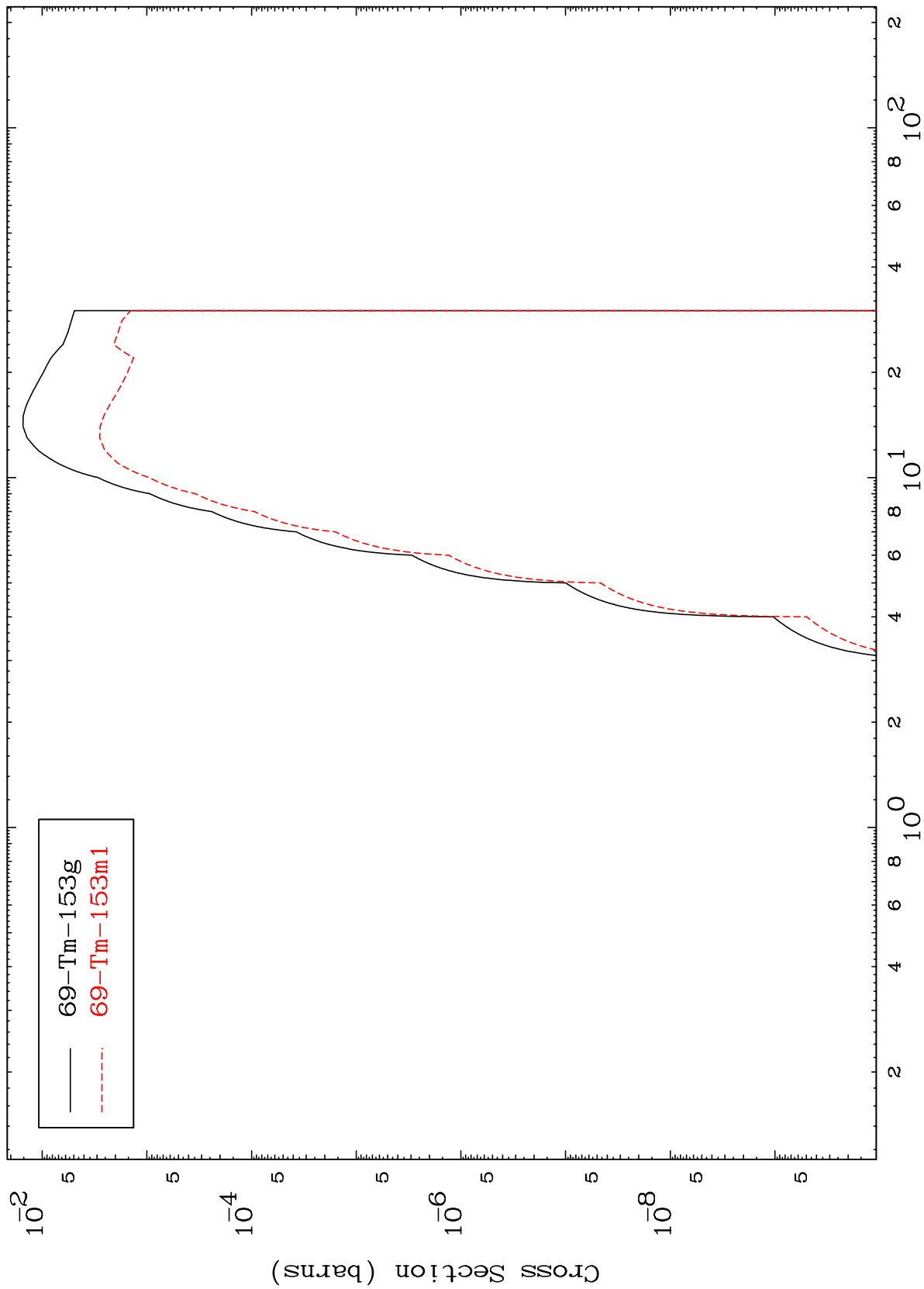


69-Tm-154g  
69-Tm-154m2

MAT 6986

70-Yb-155

(d,  $\alpha$ )  
Radionuclide Production Cross Section



23

70-Yb-155

Incident Energy (MeV)

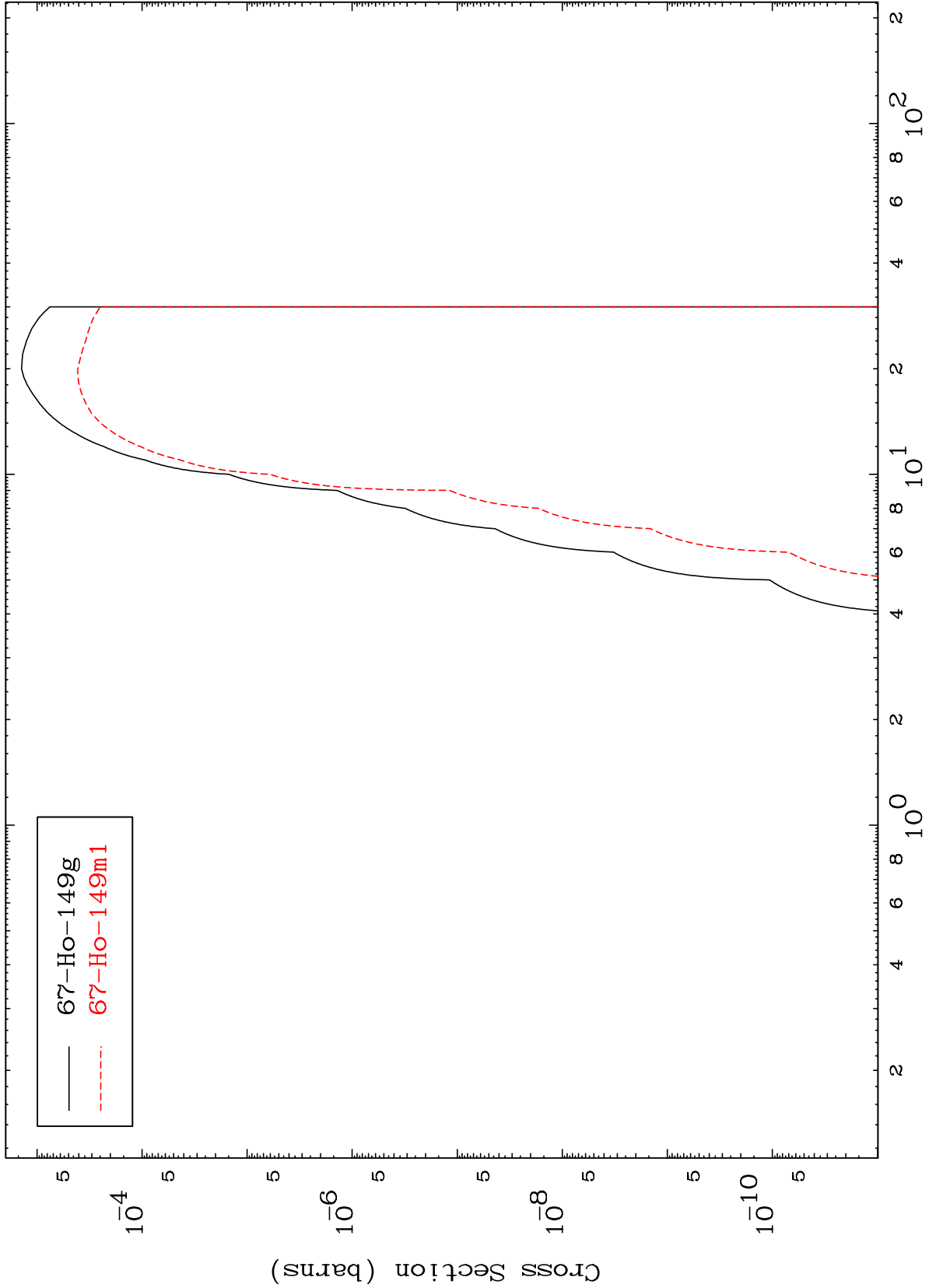


MAT 6986

(d,2 $\alpha$ )

70-Yb-155

Radionuclide Production Cross Section

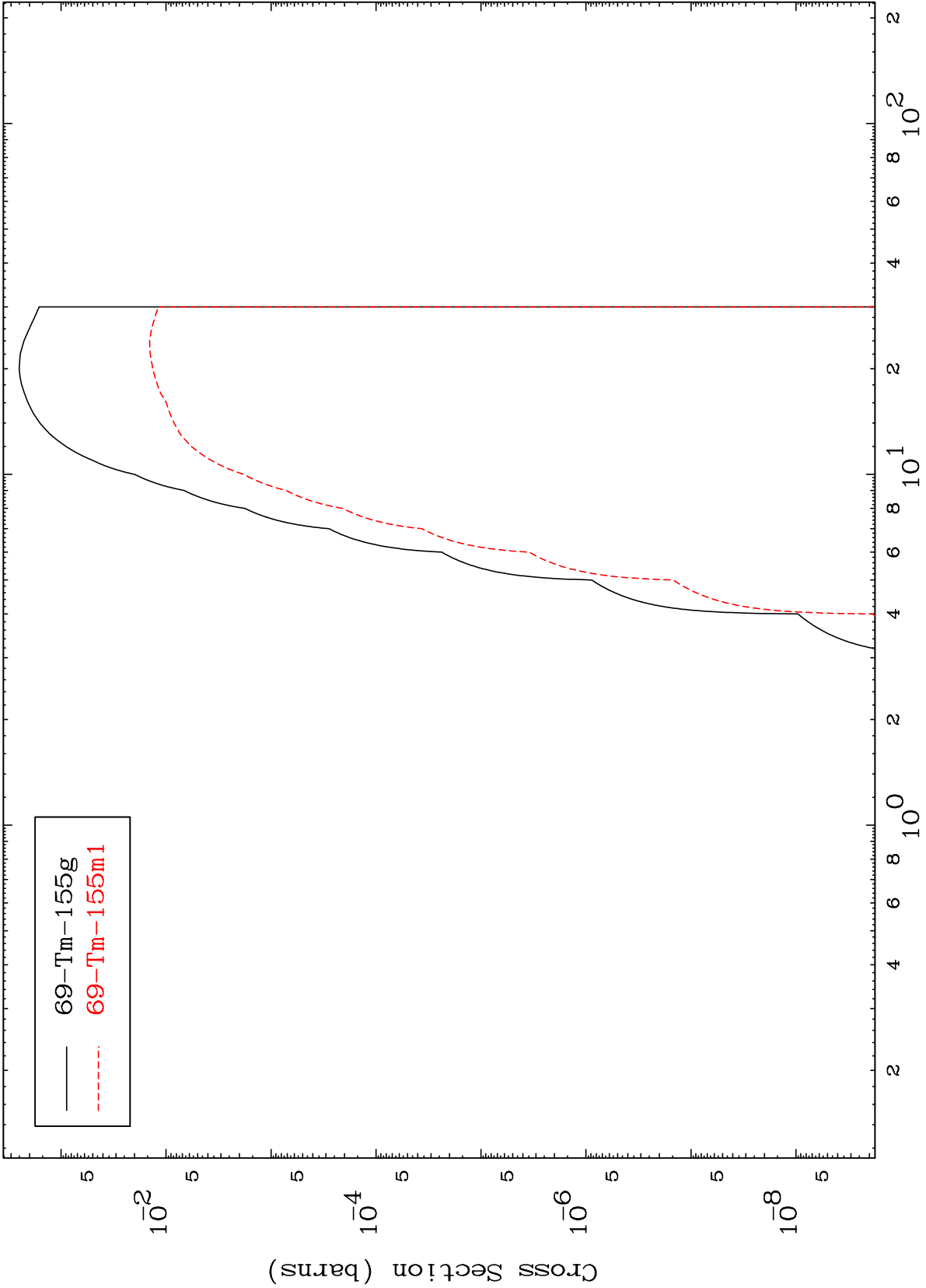


MAT 6986

(d,2p)

70-Yb-155

Radionuclide Production Cross Section

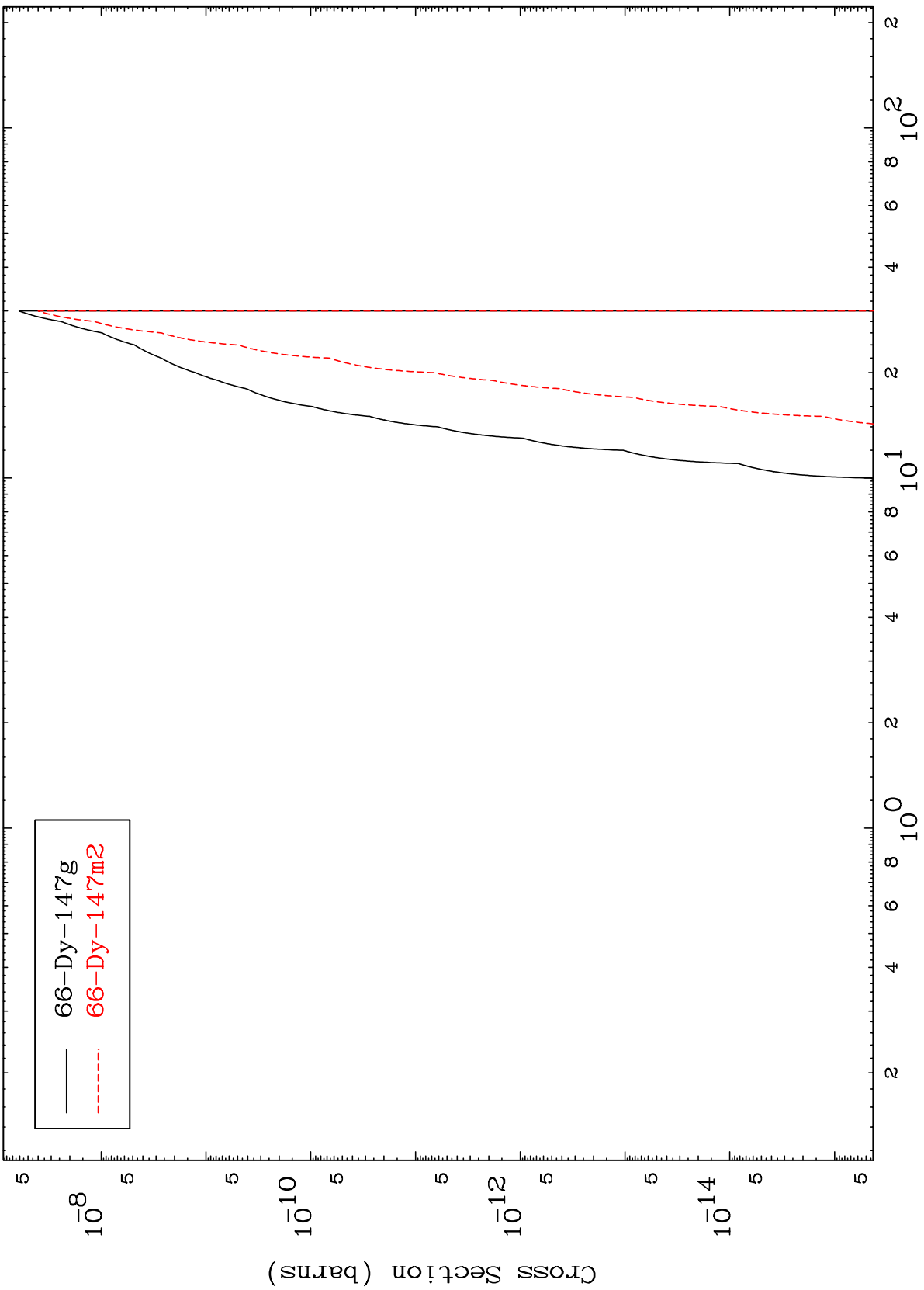


MAT 6986

(d,d)  $2\alpha$

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

Radionuclide Production Cross Section

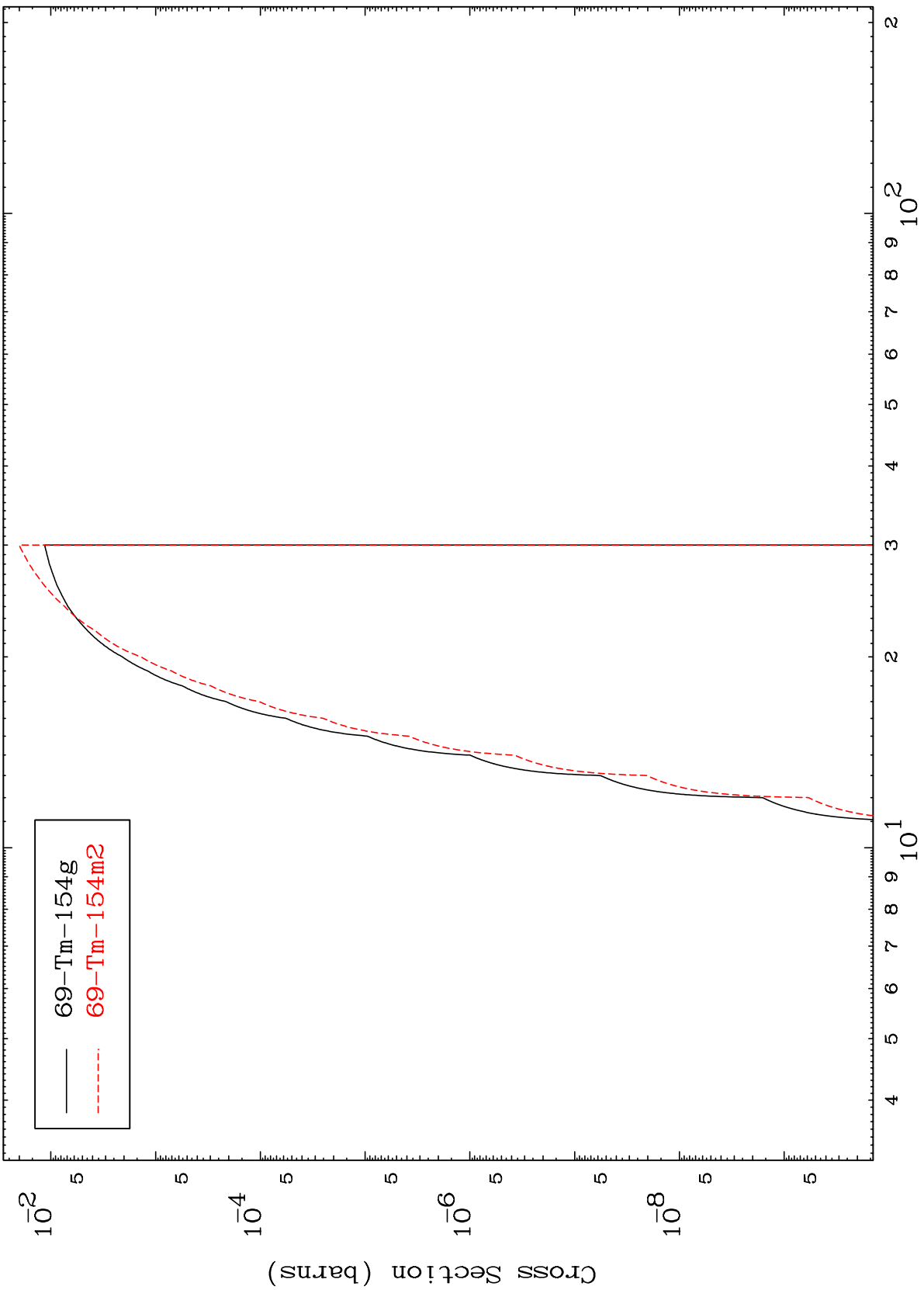


MAT 6986

(d,p) d

70-Yb-155

Radionuclide Production Cross Section



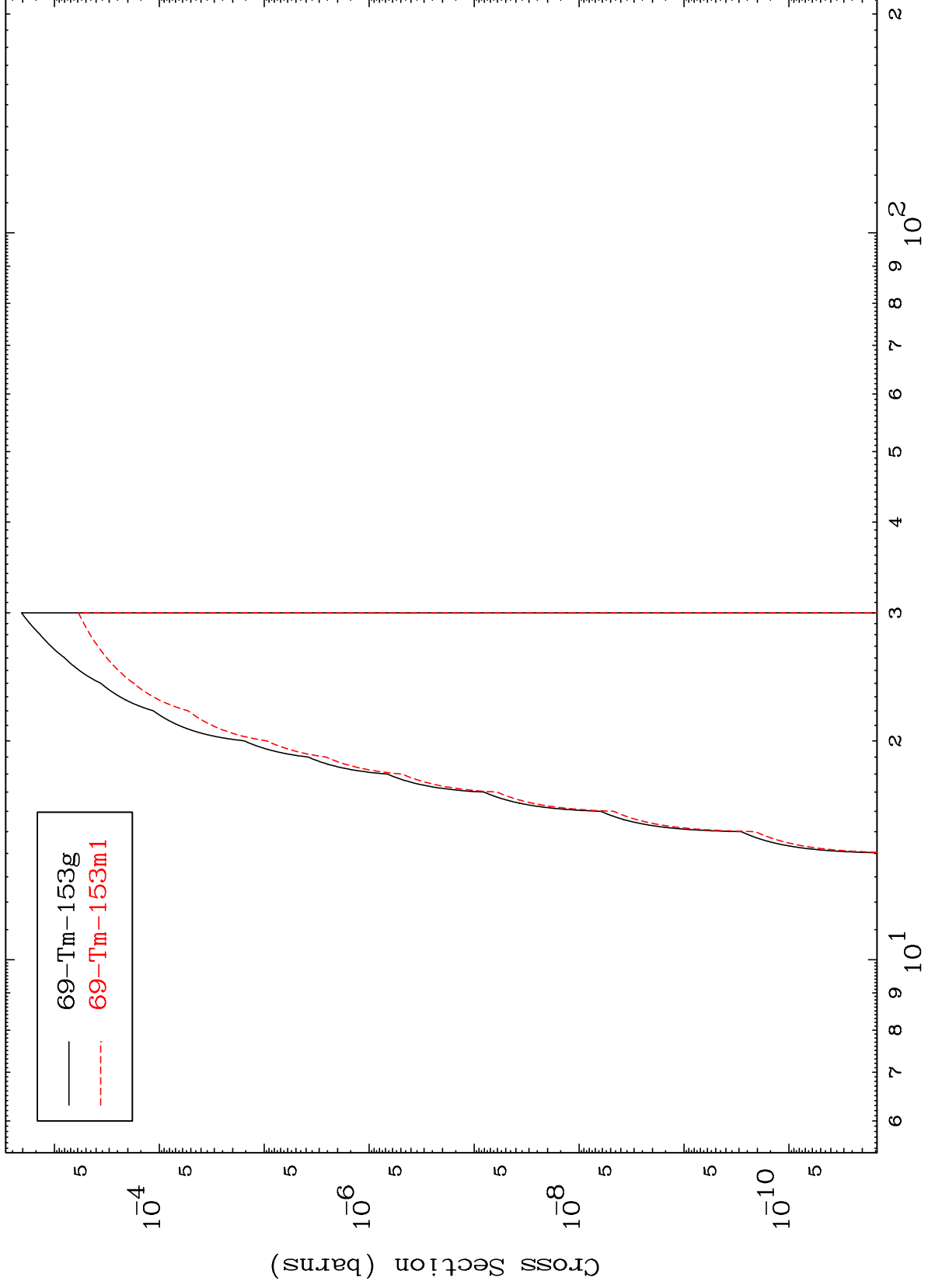
69-Tm-154g  
69-Tm-154m2

MAT 6986

(d,p) t

70-Yb-155

Radionuclide Production Cross Section



28

Incident Energy (MeV)

70-Yb-155

MAT 6986

(d,d)  $\alpha$

70-Yb-155

Radionuclide Production Cross Section

