

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

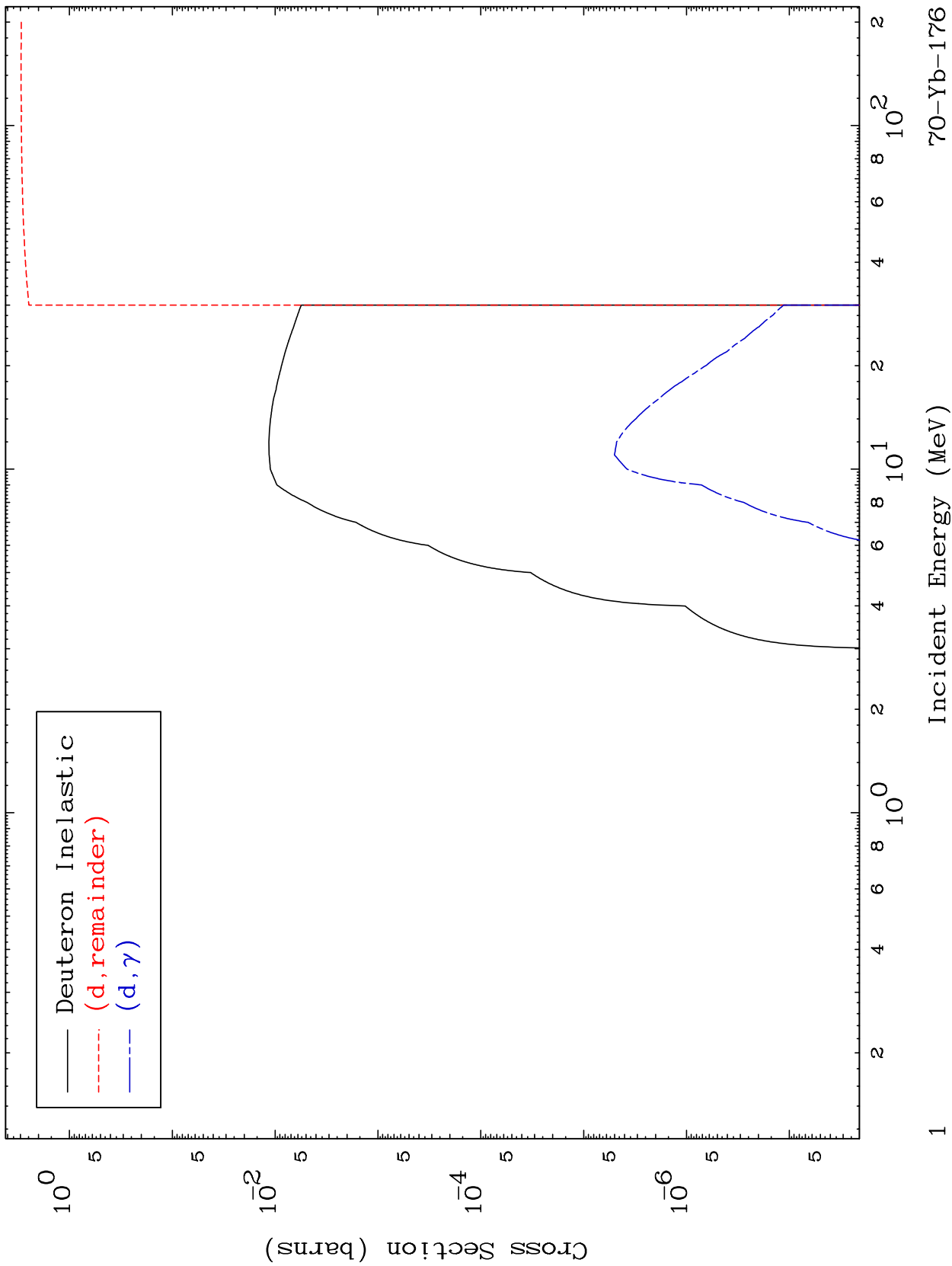
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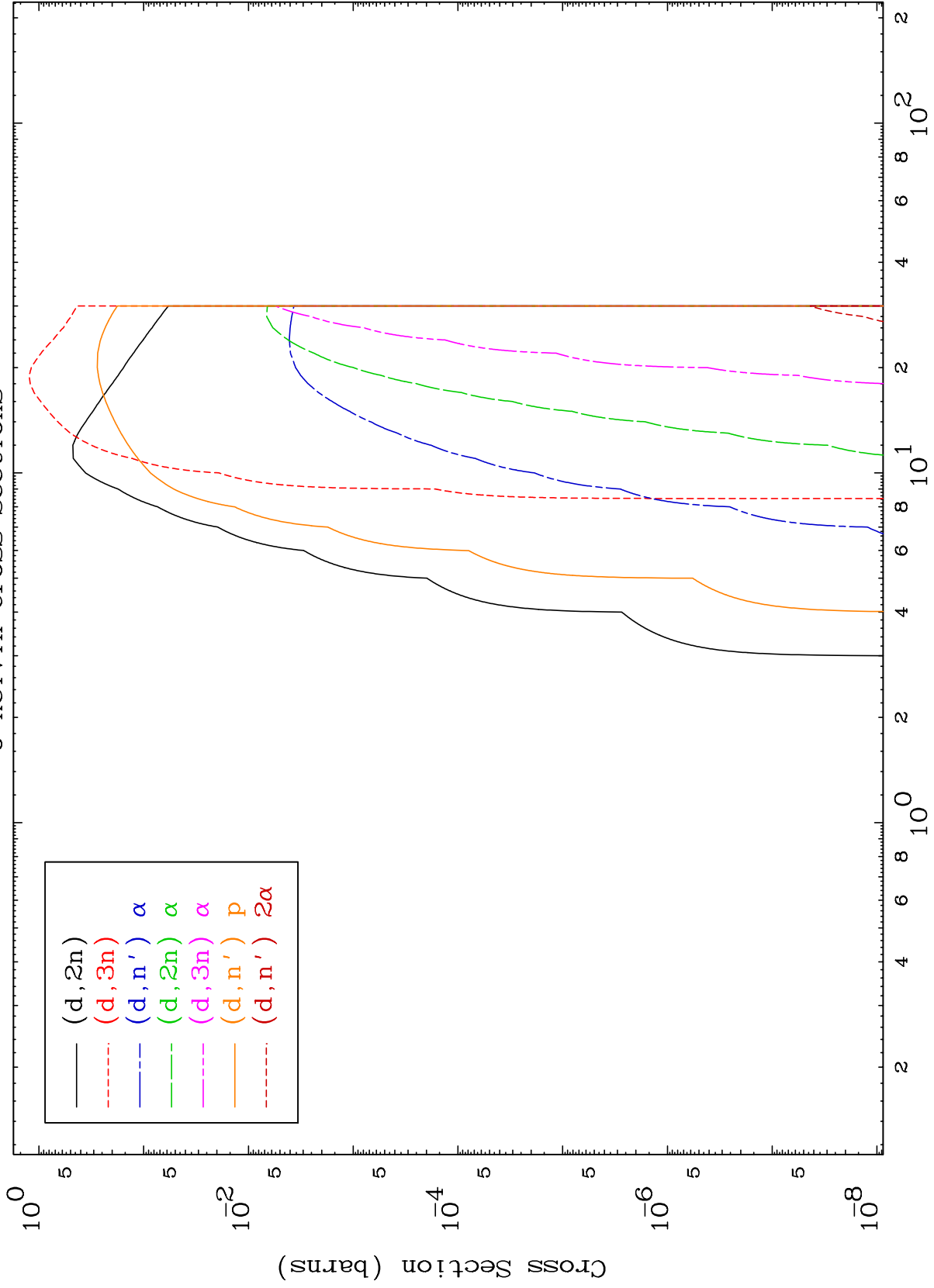
Press Mouse Button to Start

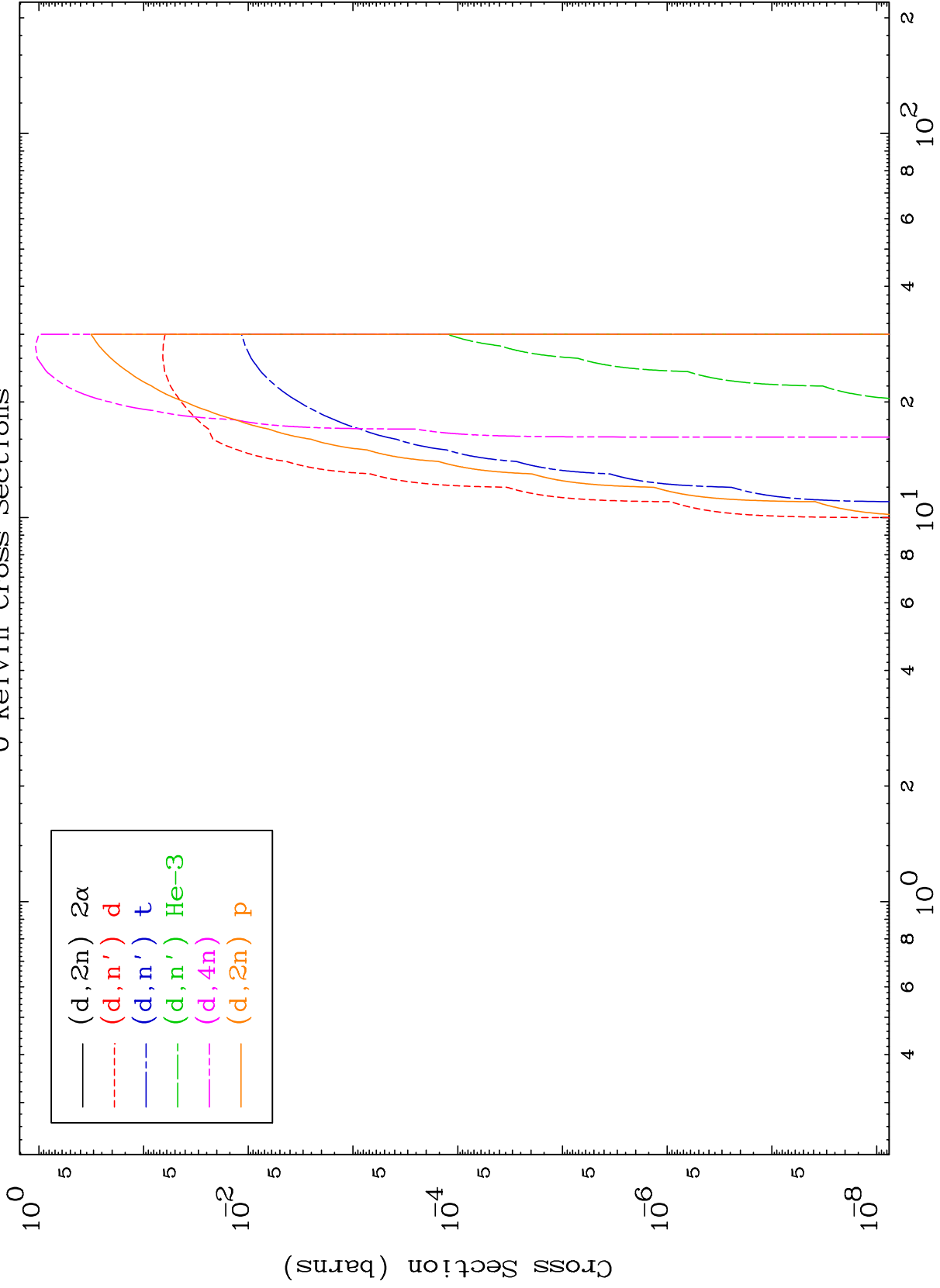
MAT 7050

Deuteron Major  
0 Kelvin Cross Sections

70-Yb-176



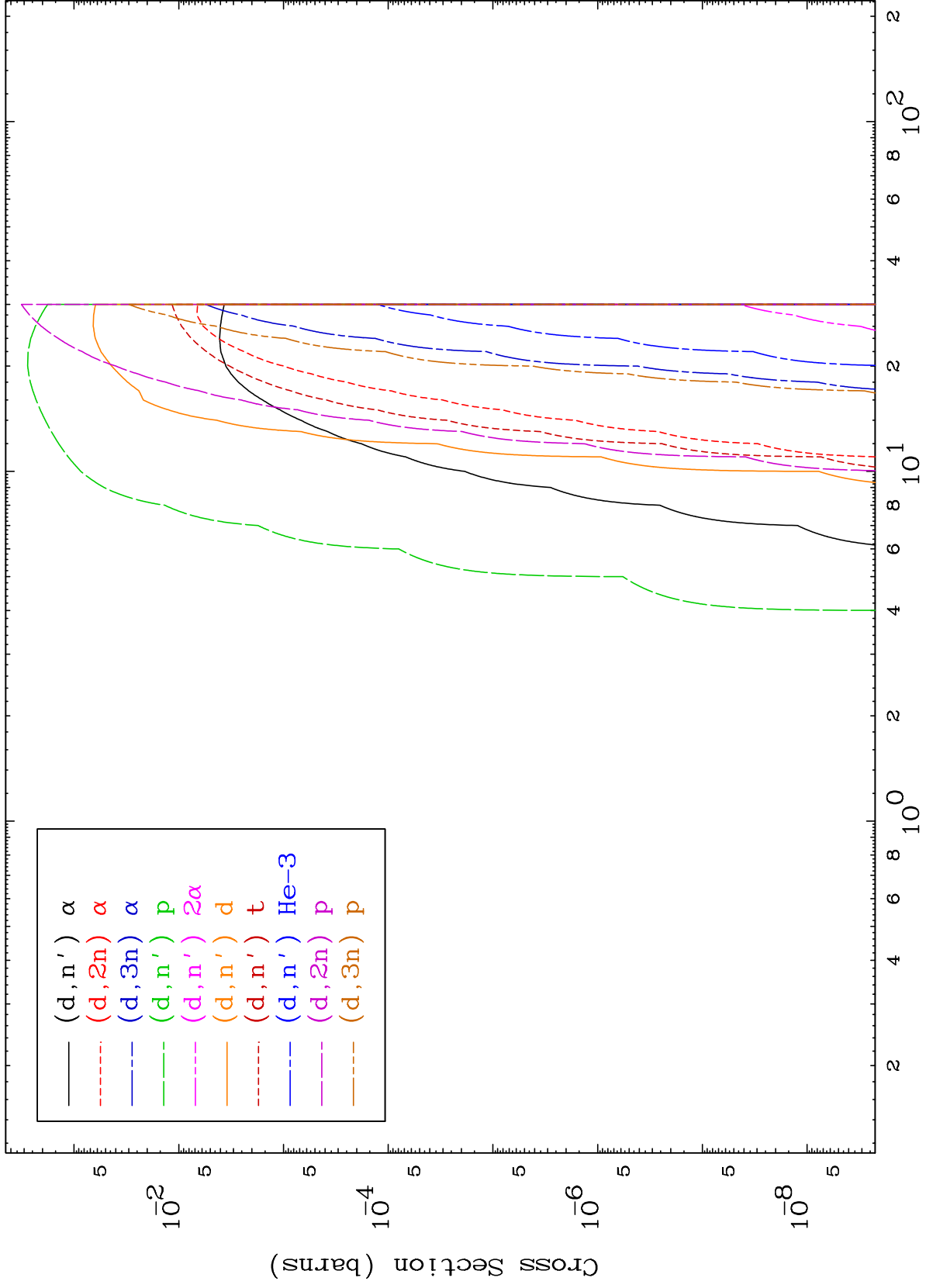


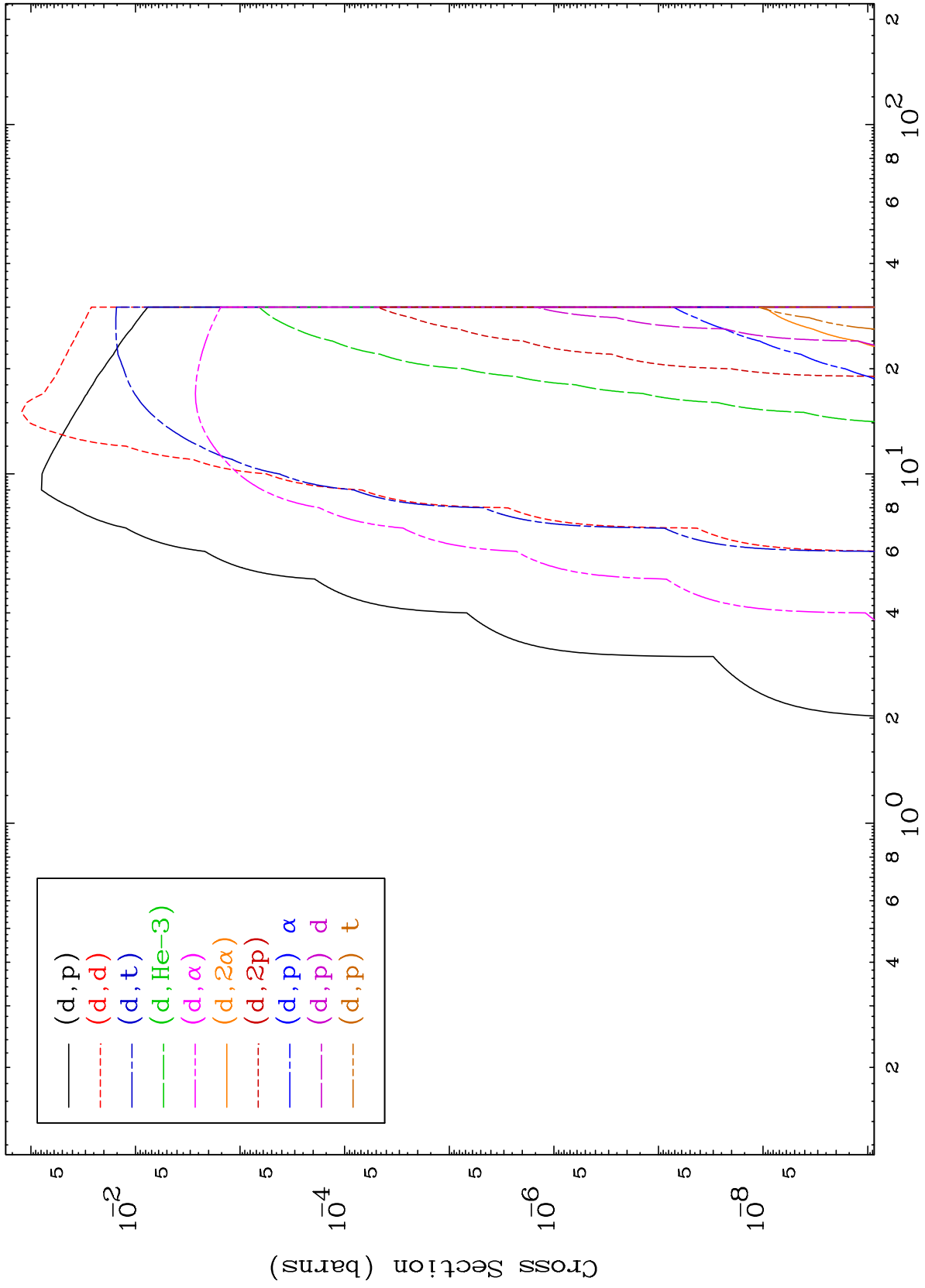


MAT 7050

Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-176

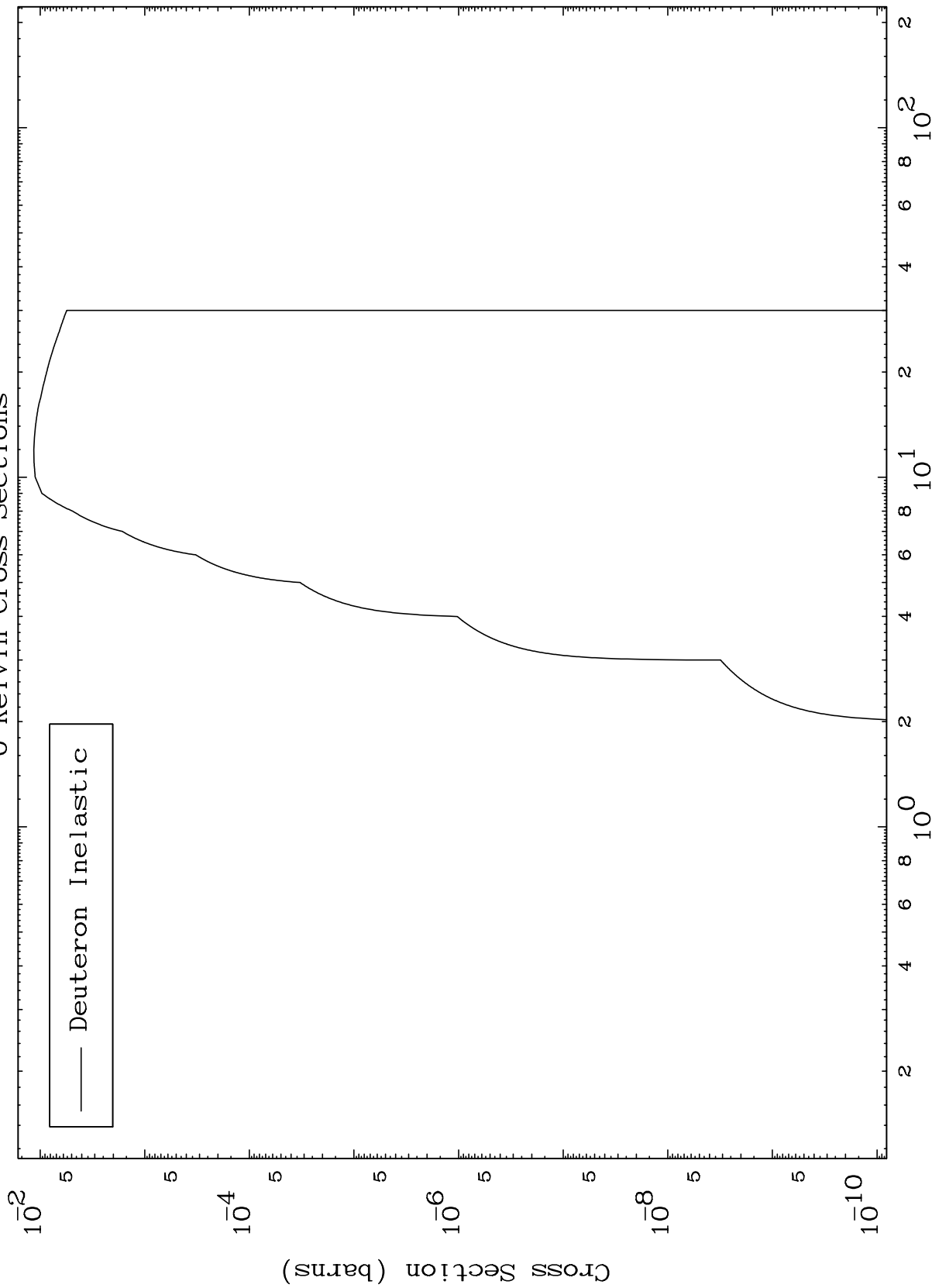




MAT 7050

70-Yb-176

(d,n') Level  
0 Kelvin Cross Sections



70-Yb-176

Incident Energy (MeV)

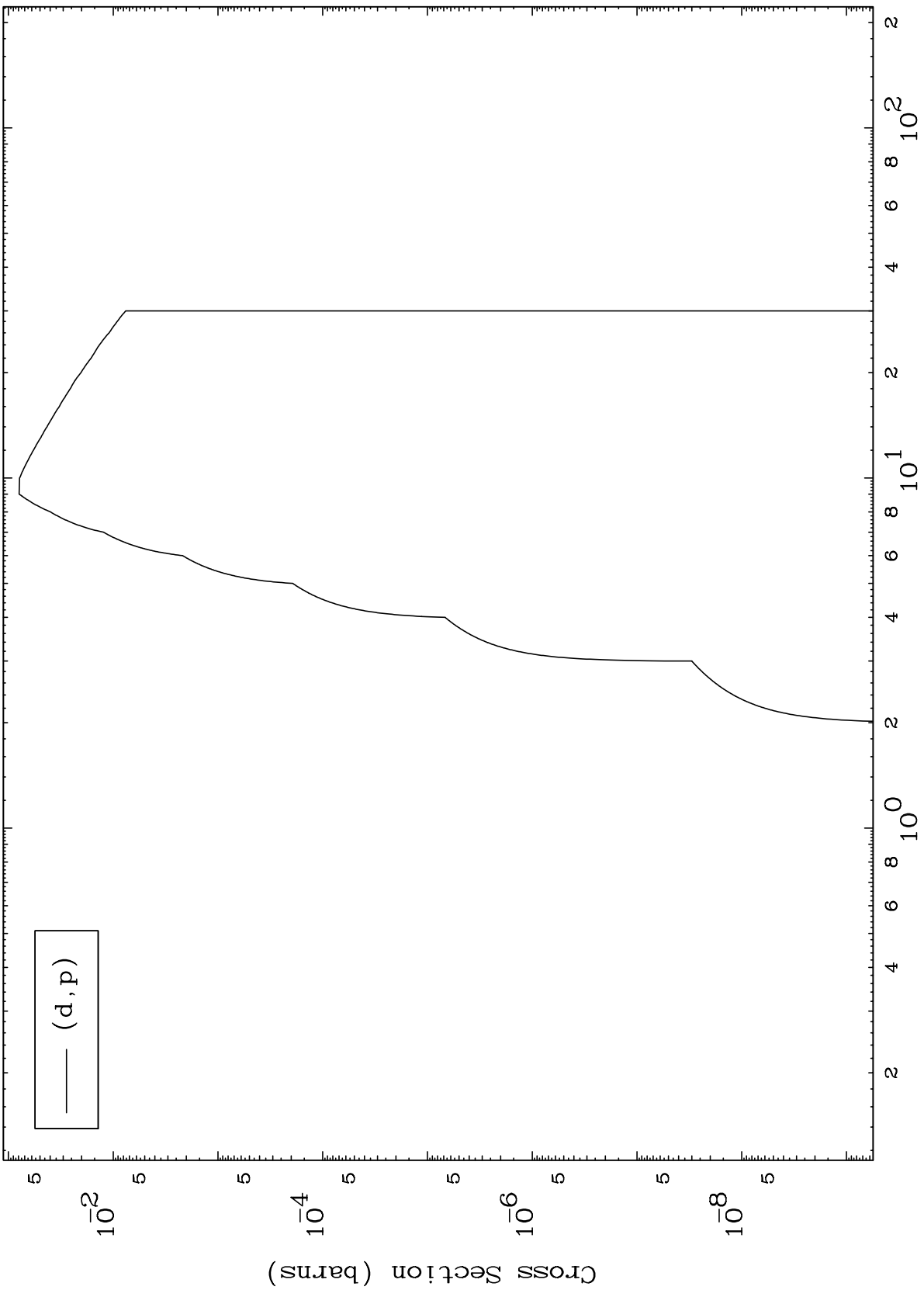
6

MAT 7050

(d,p) Levels

70-Yb-176

0 Kelvin Cross Sections



(d,p)

70-Yb-176

Incident Energy (MeV)

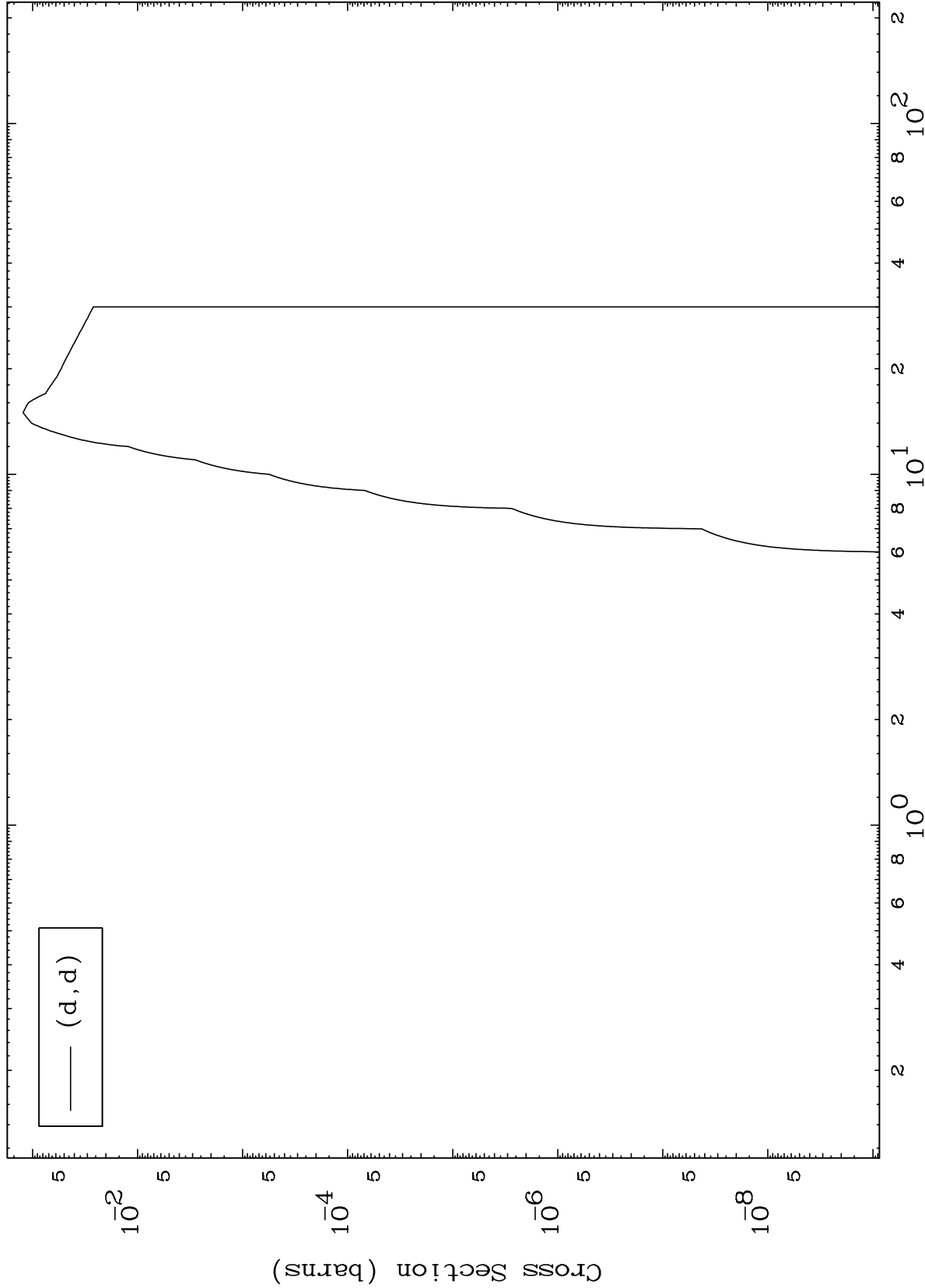


MAT 7050

(d,d) Levels

70-Yb-176

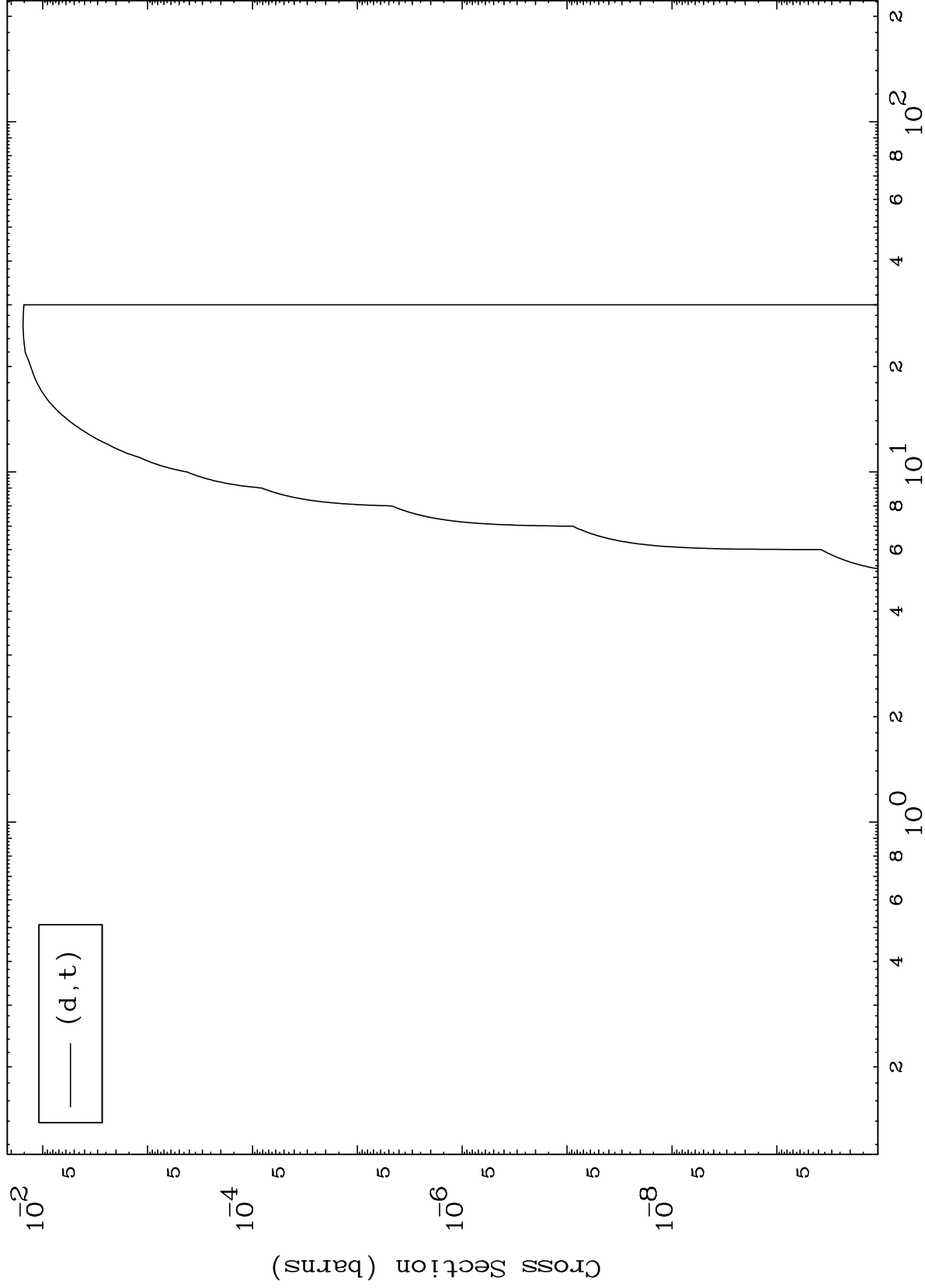
0 Kelvin Cross Sections



MAT 7050

70-Yb-176

(d,t) Levels  
0 Kelvin Cross Sections

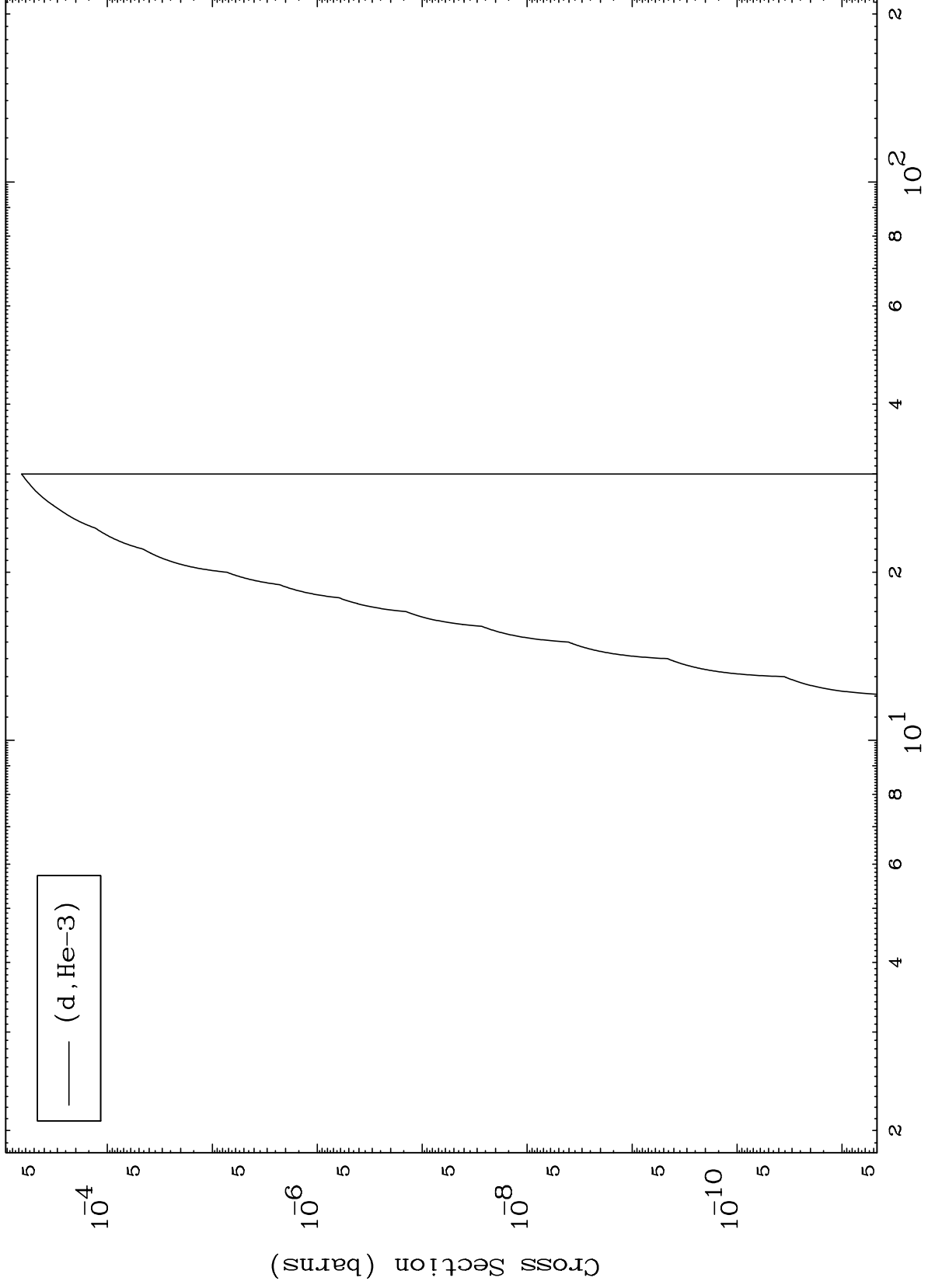


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(d,He3) Levels

70-Yb-176

0 Kelvin Cross Sections



10

Incident Energy (MeV)

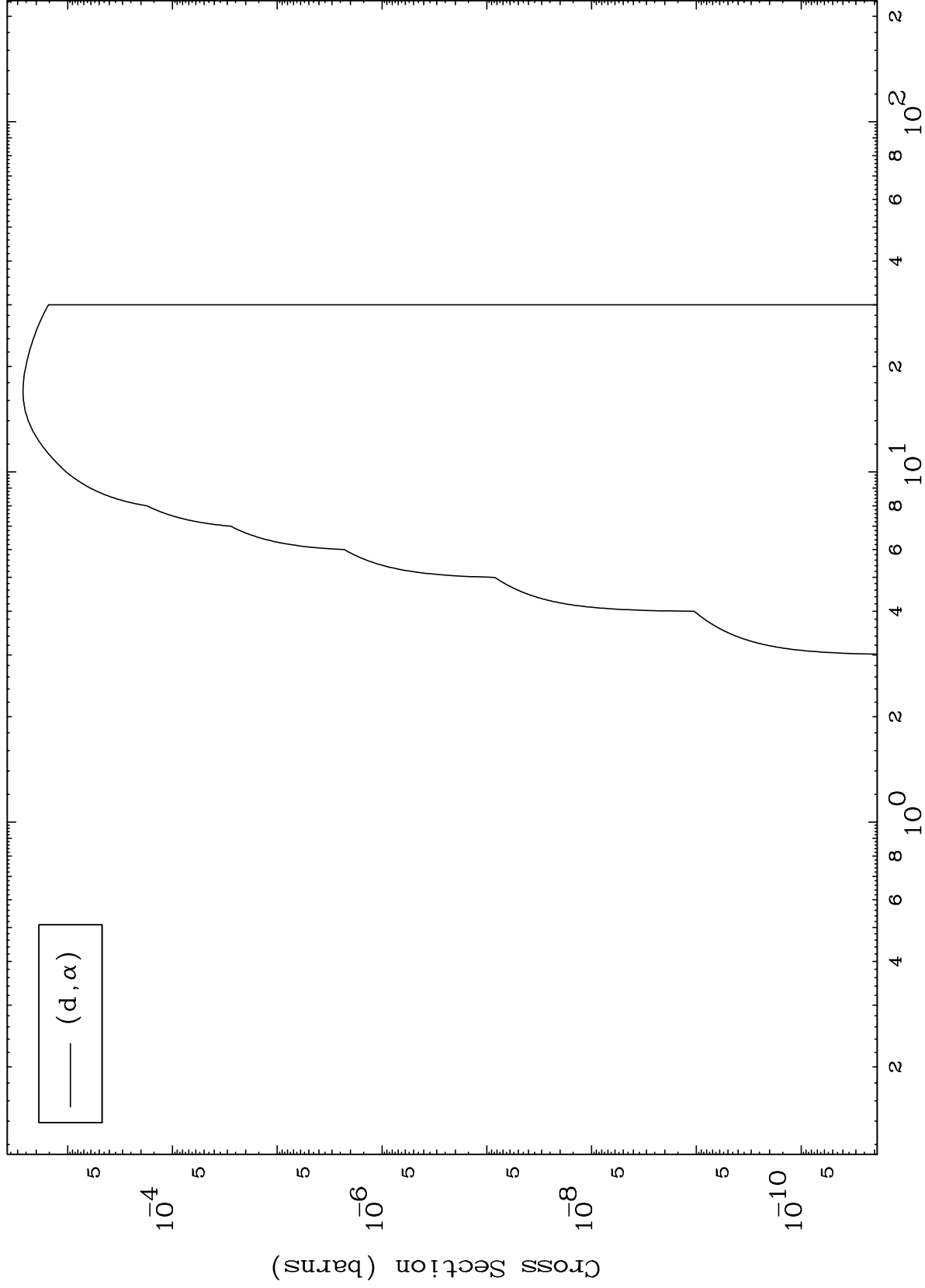
70-Yb-176

MAT 7050

(d,  $\alpha$ ) Levels

70-Yb-176

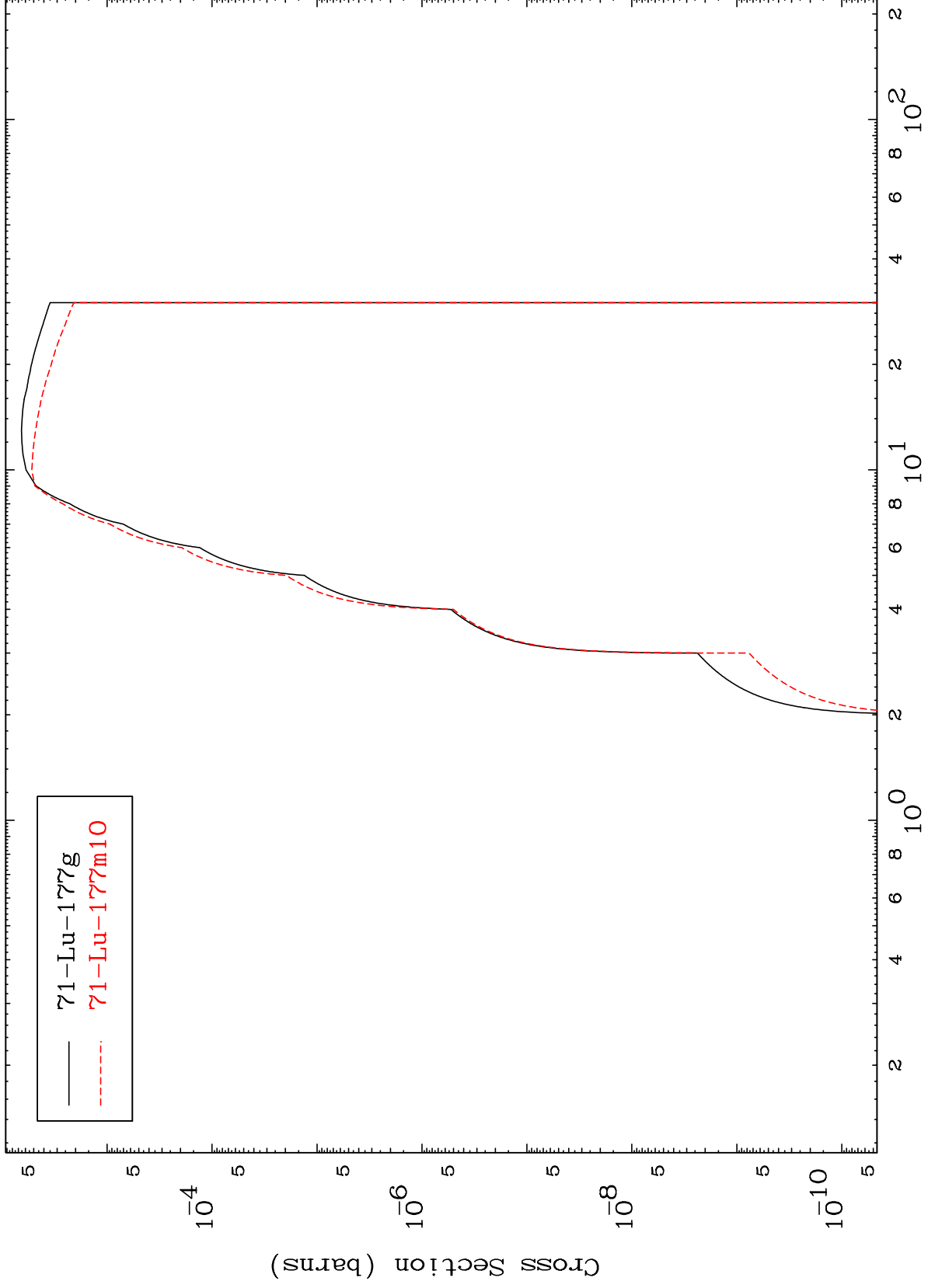
0 Kelvin Cross Sections



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Deuteron Inelastic  
Radionuclide Production Cross Section

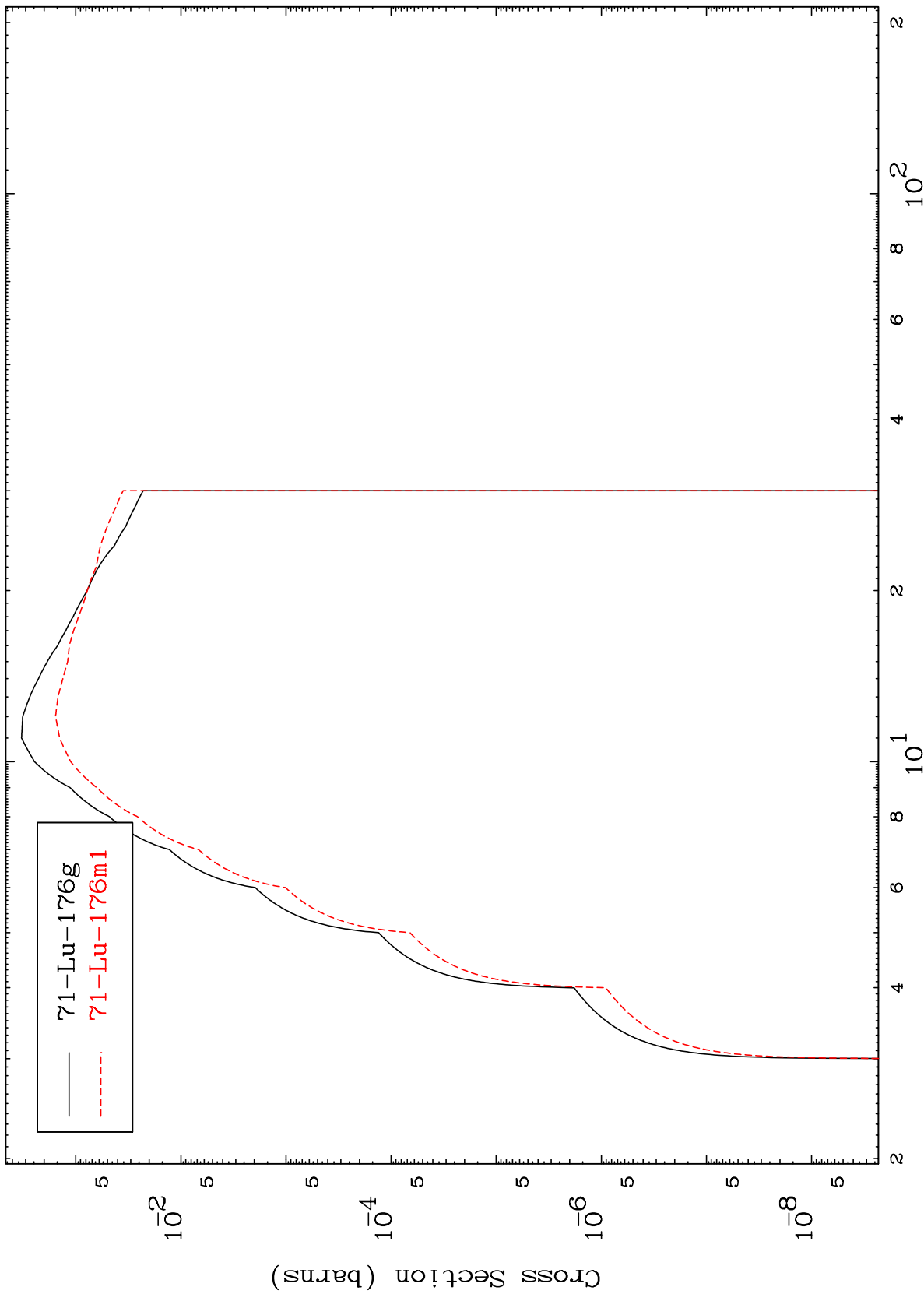
70-Yb-176



MAT 7050

<sup>70</sup>Yb-176

Radionuclide Production Cross Section  
(d,2n)



— <sup>71</sup>Lu-176g  
- - - <sup>71</sup>Lu-176m1

<sup>70</sup>Yb-176

Incident Energy (MeV)

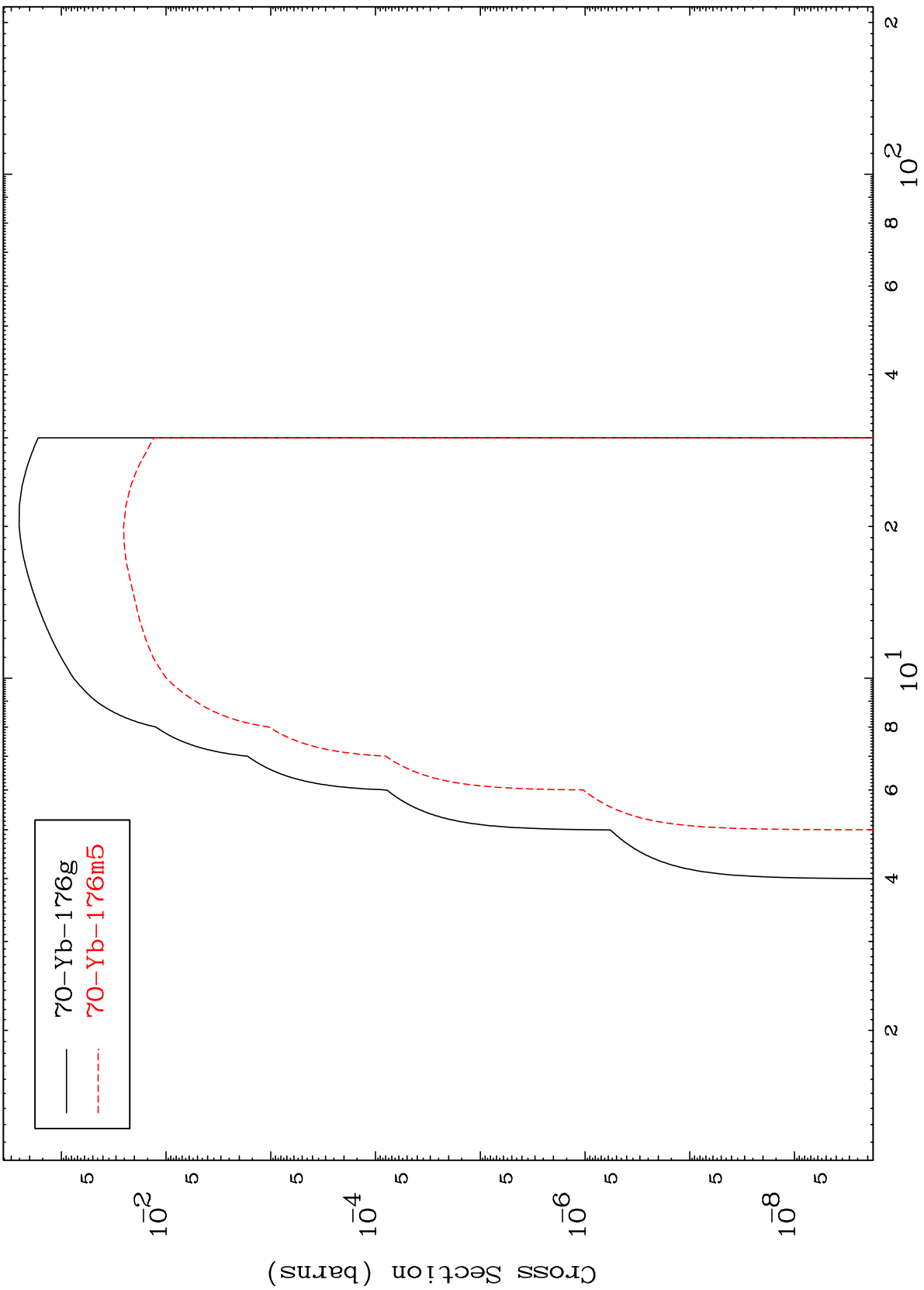
13

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(d,n') p

<sup>70</sup>Yb-176

Radionuclide Production Cross Section



— <sup>70</sup>Yb-176g  
- - - <sup>70</sup>Yb-176m5

14

Incident Energy (MeV)

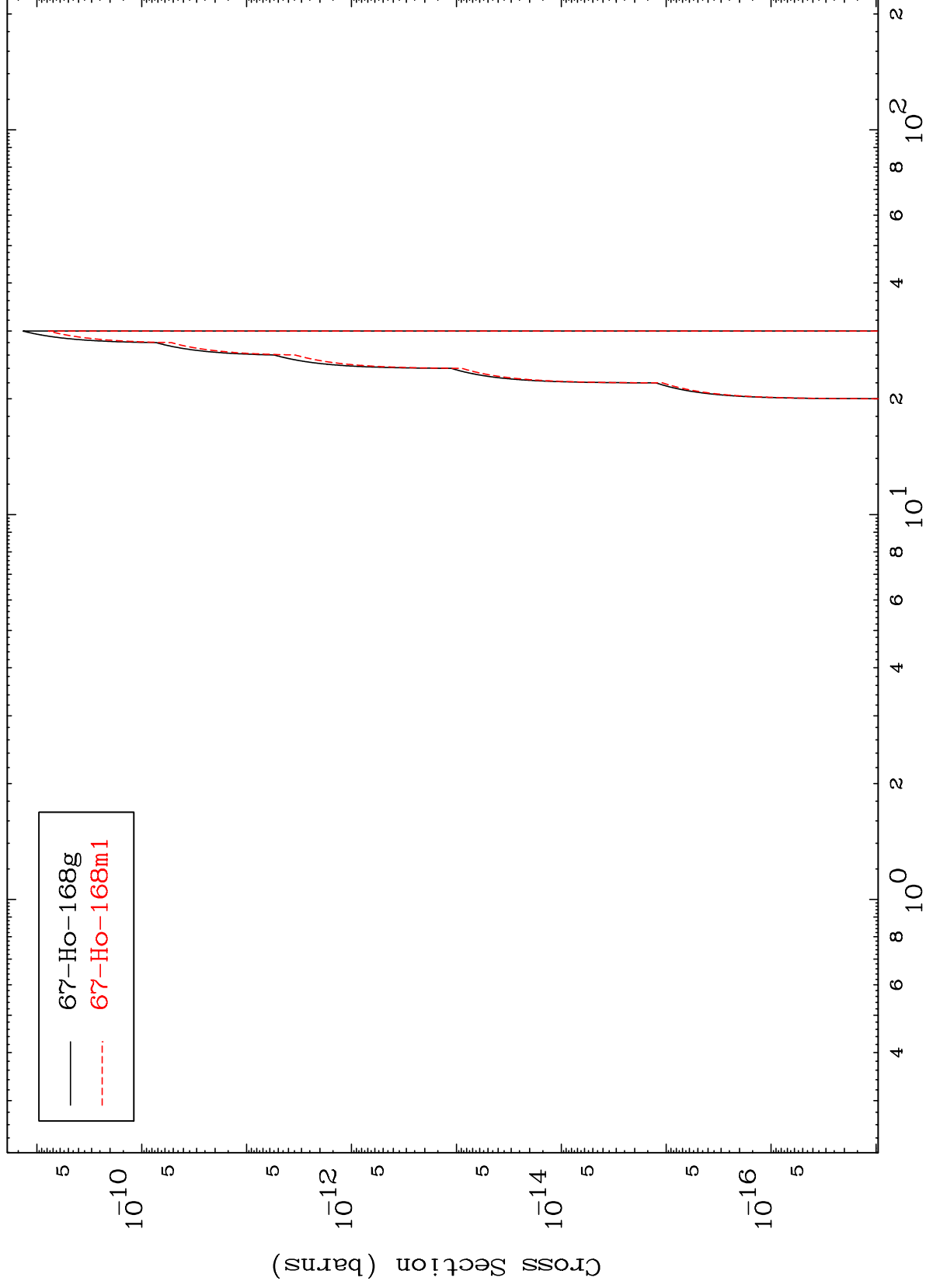
<sup>70</sup>Yb-176

MAT 7050

$(d,2n) 2\alpha$

$^{70}\text{Yb-176}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{70}\text{Yb-176}$

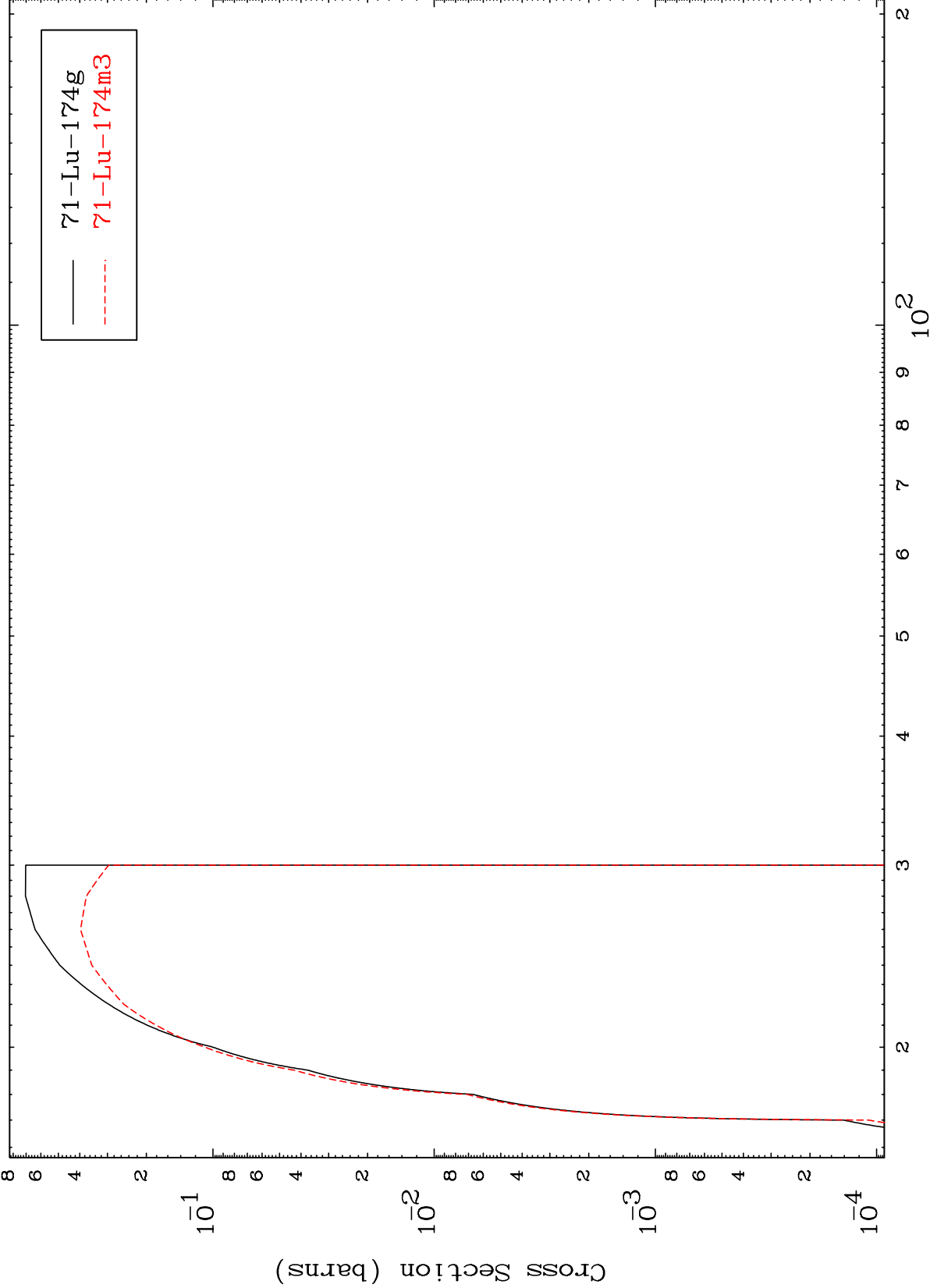


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(d,4n)

70-Yb-176

Radionuclide Production Cross Section



16

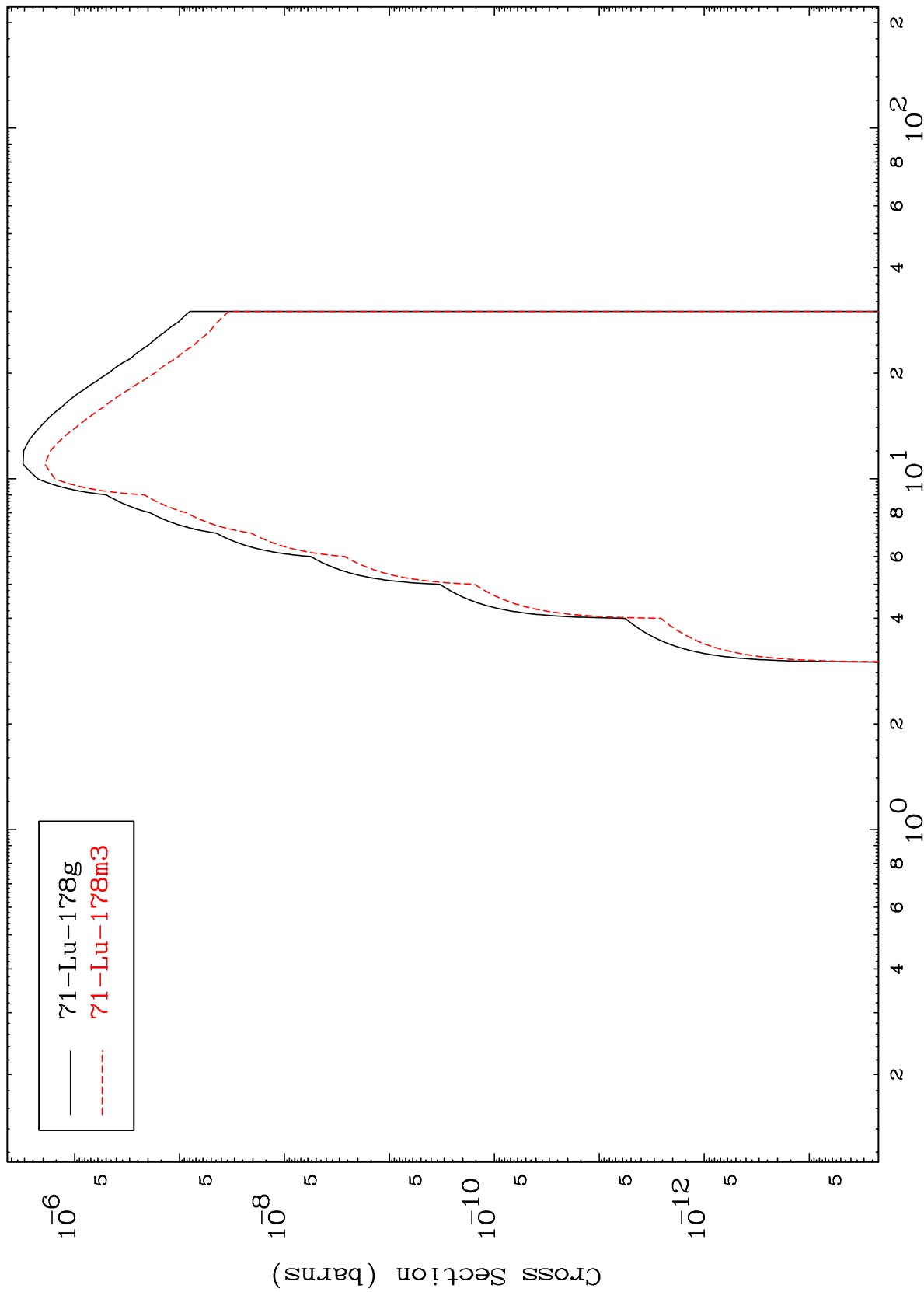
Incident Energy (MeV)

70-Yb-176

MAT 7050

70-Yb-176

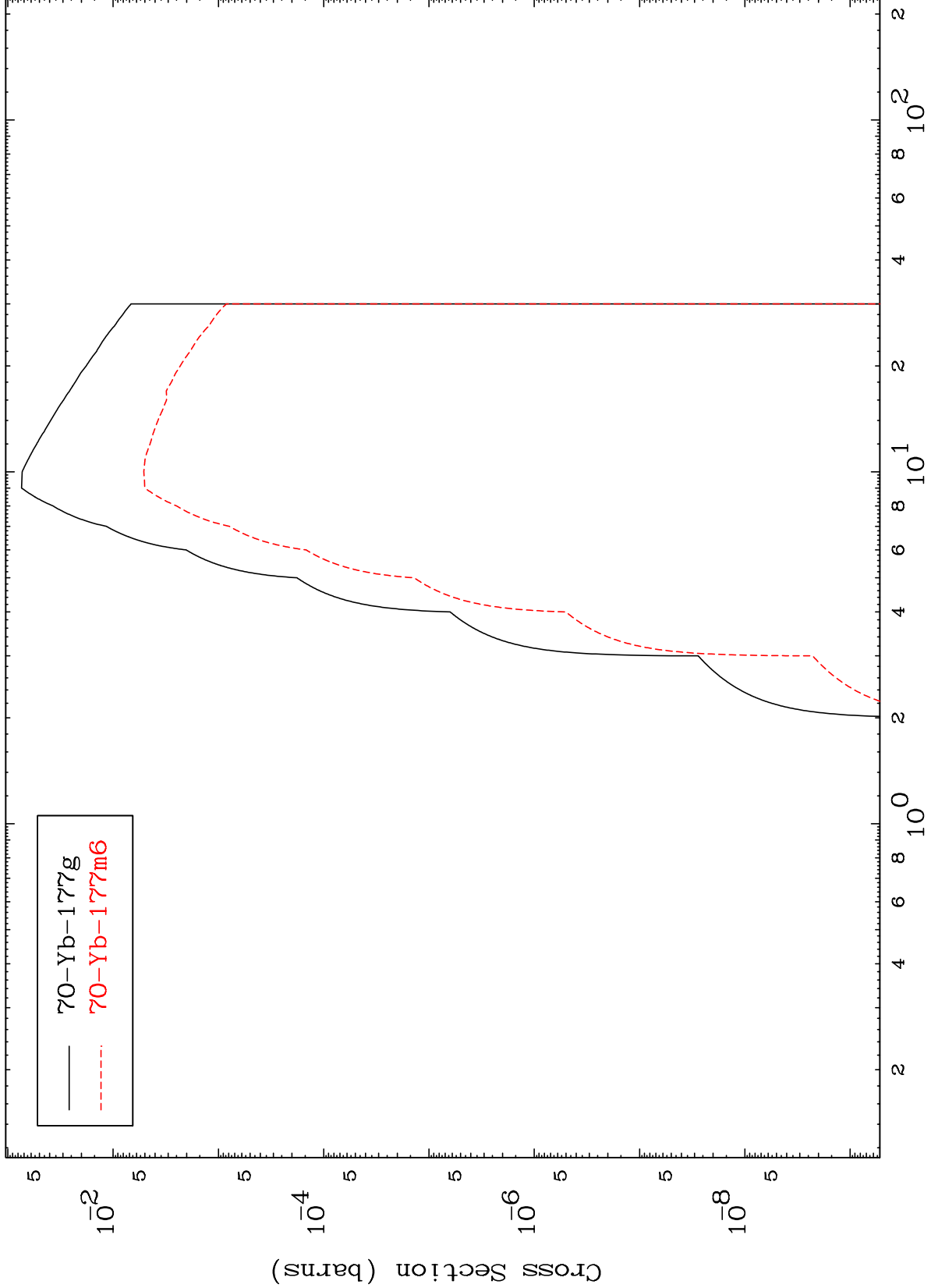
(d,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 7050

(d,p)  
Radionuclide Production Cross Section

$^{70}\text{Yb-176}$



18

Incident Energy (MeV)

$^{70}\text{Yb-176}$

MAT 7050

(d,d)

<sup>70</sup>Yb-176

Radionuclide Production Cross Section

