

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

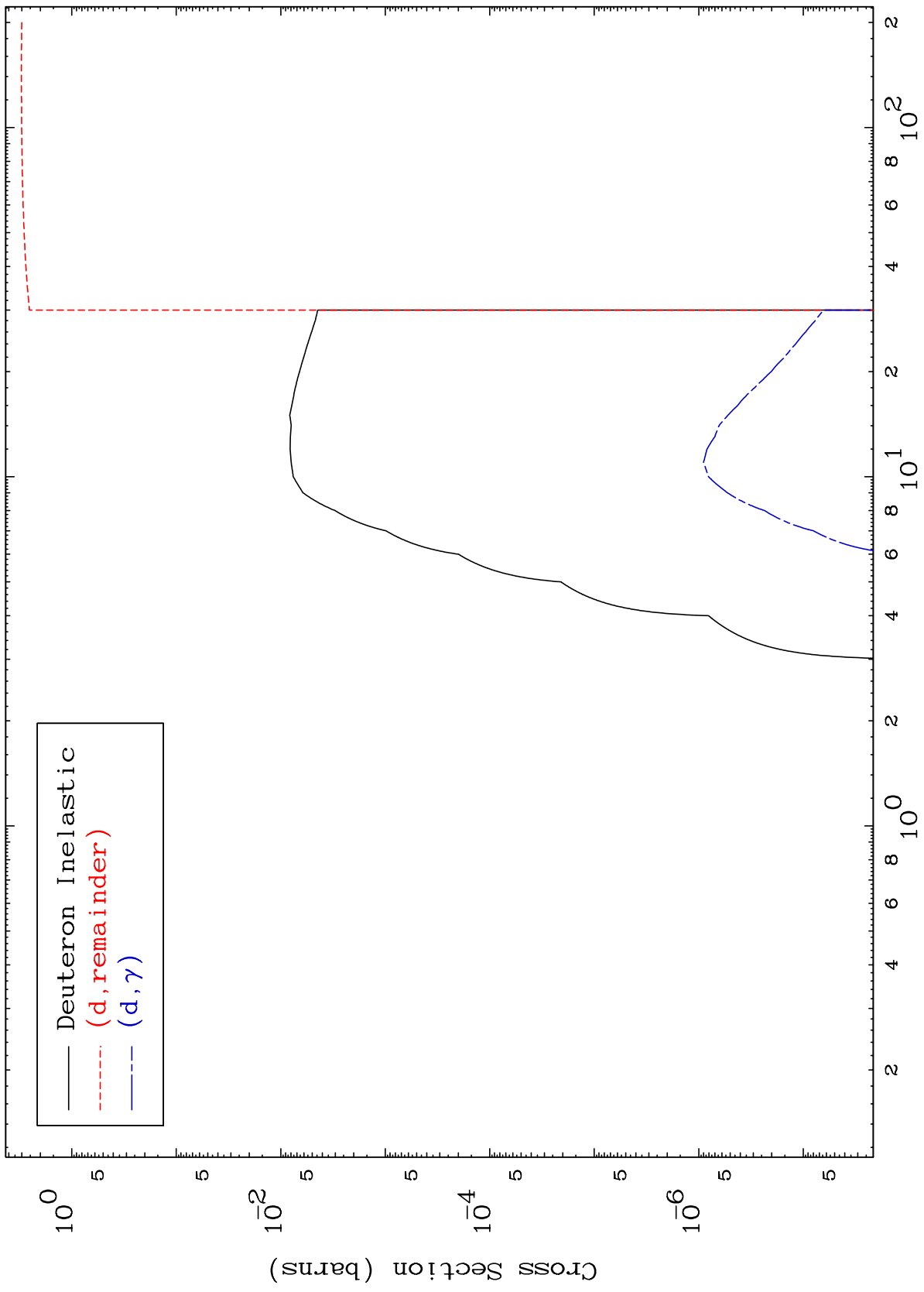
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

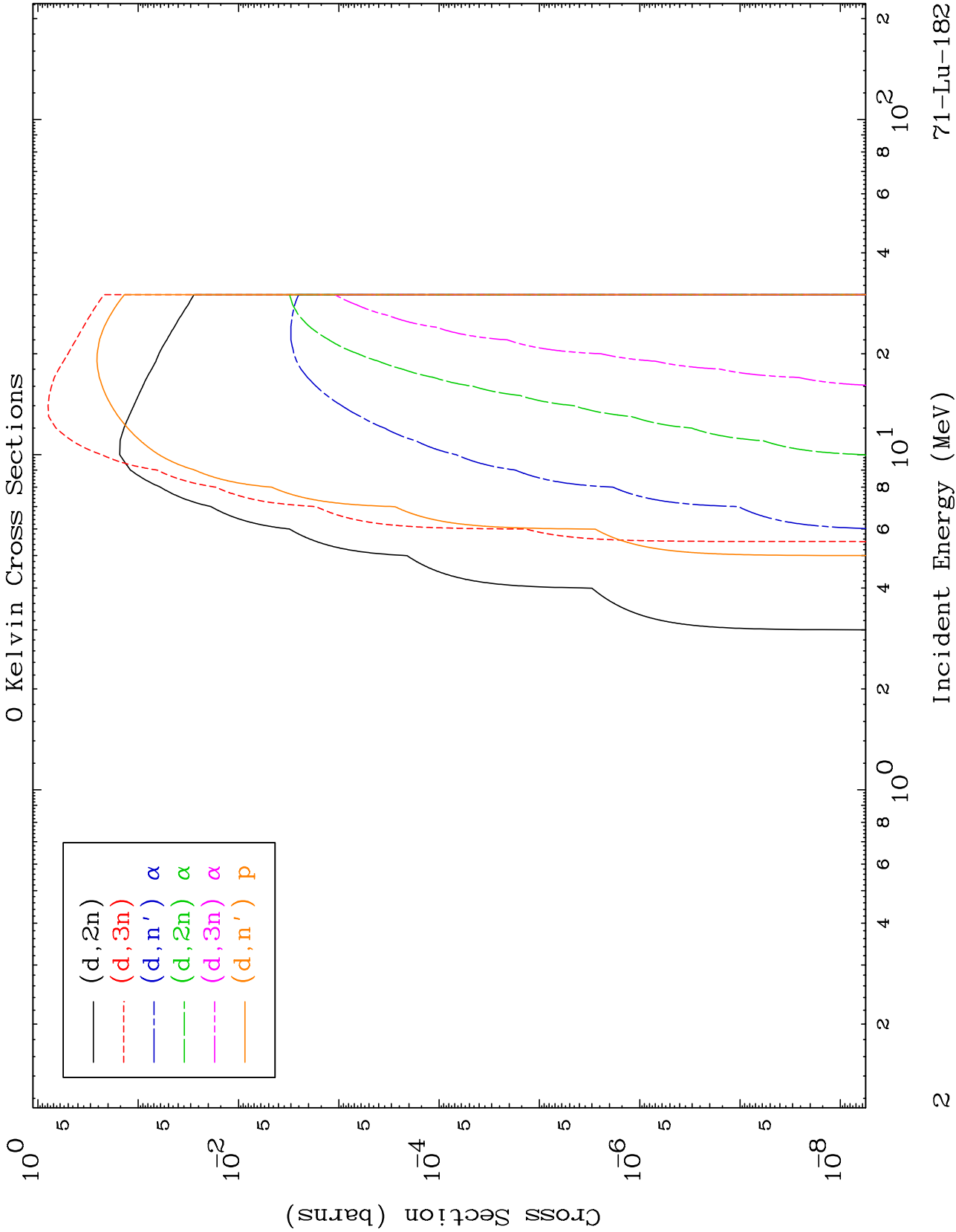
Press Mouse Button to Start

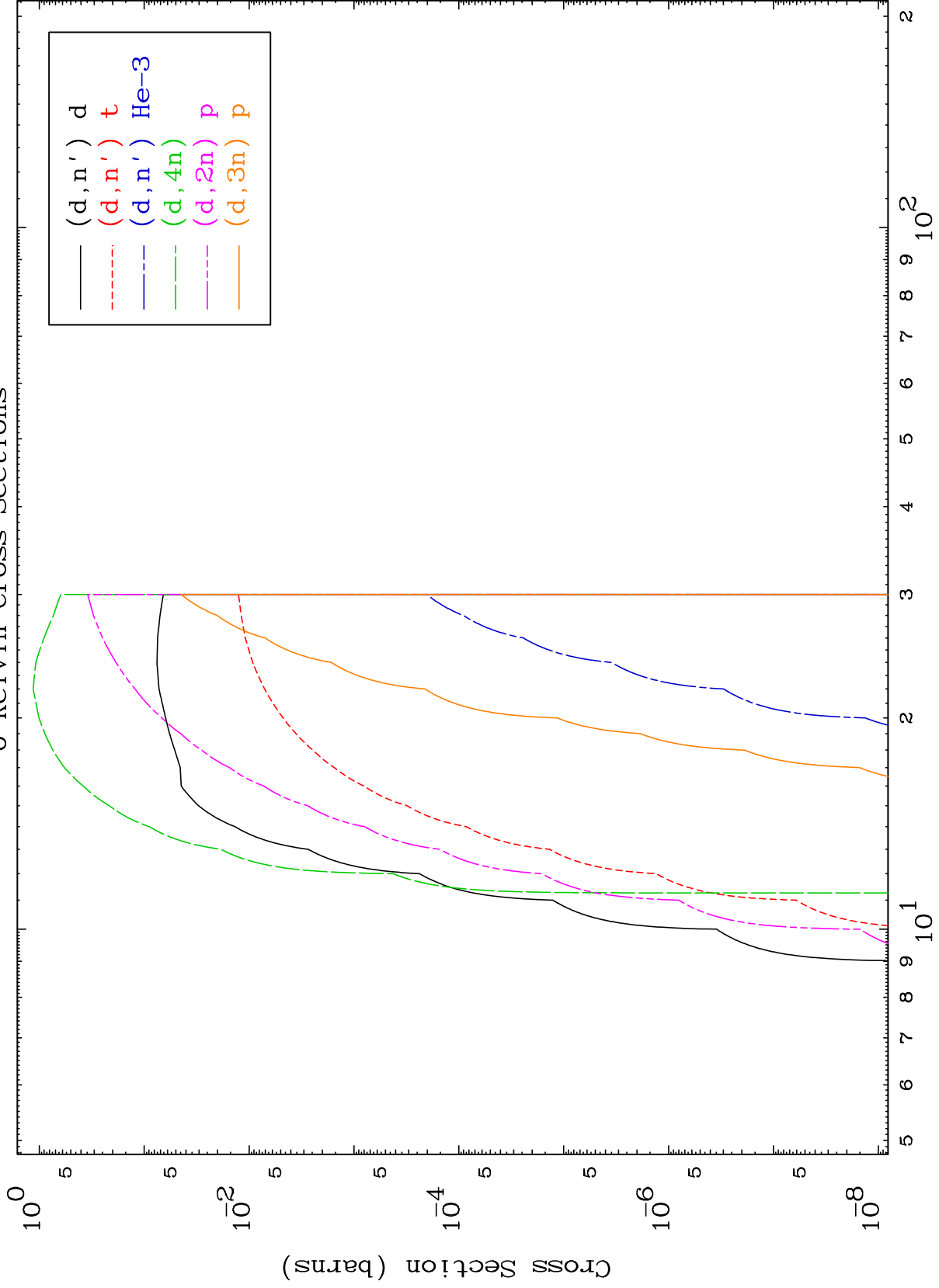


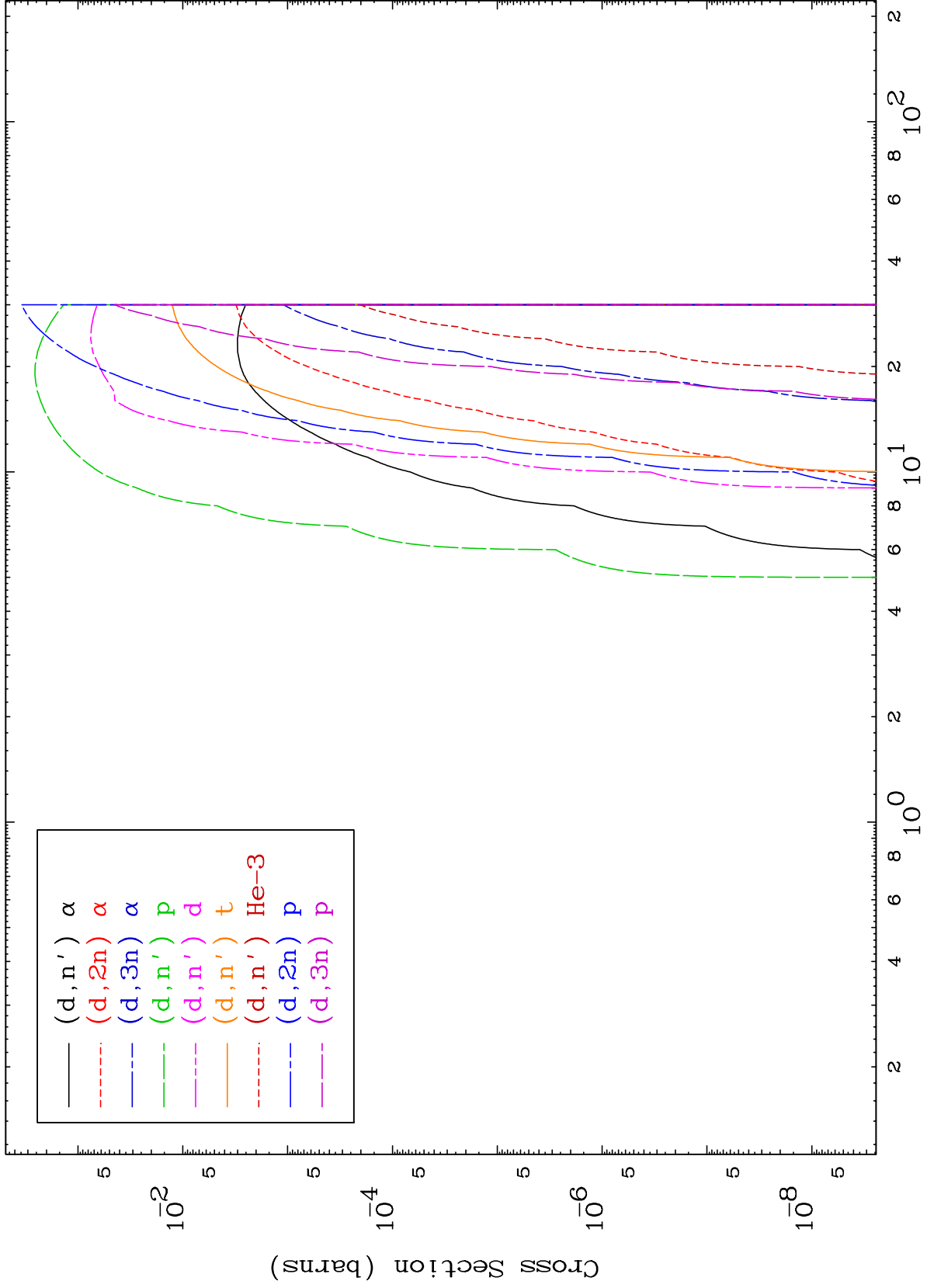
MAT 7146

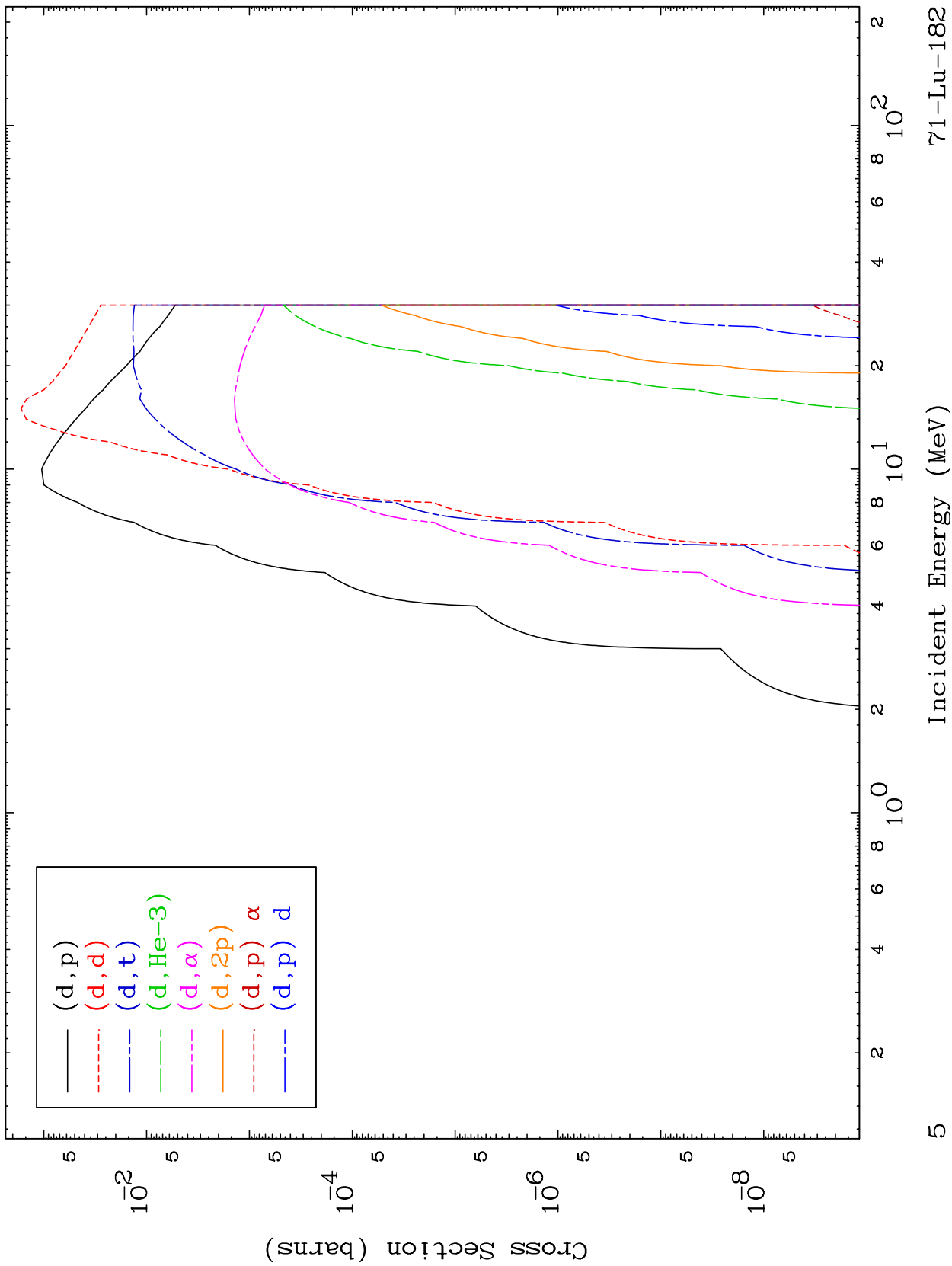
Deuteron Neutron Production  
0 Kelvin Cross Sections

<sup>71</sup>Lu-182





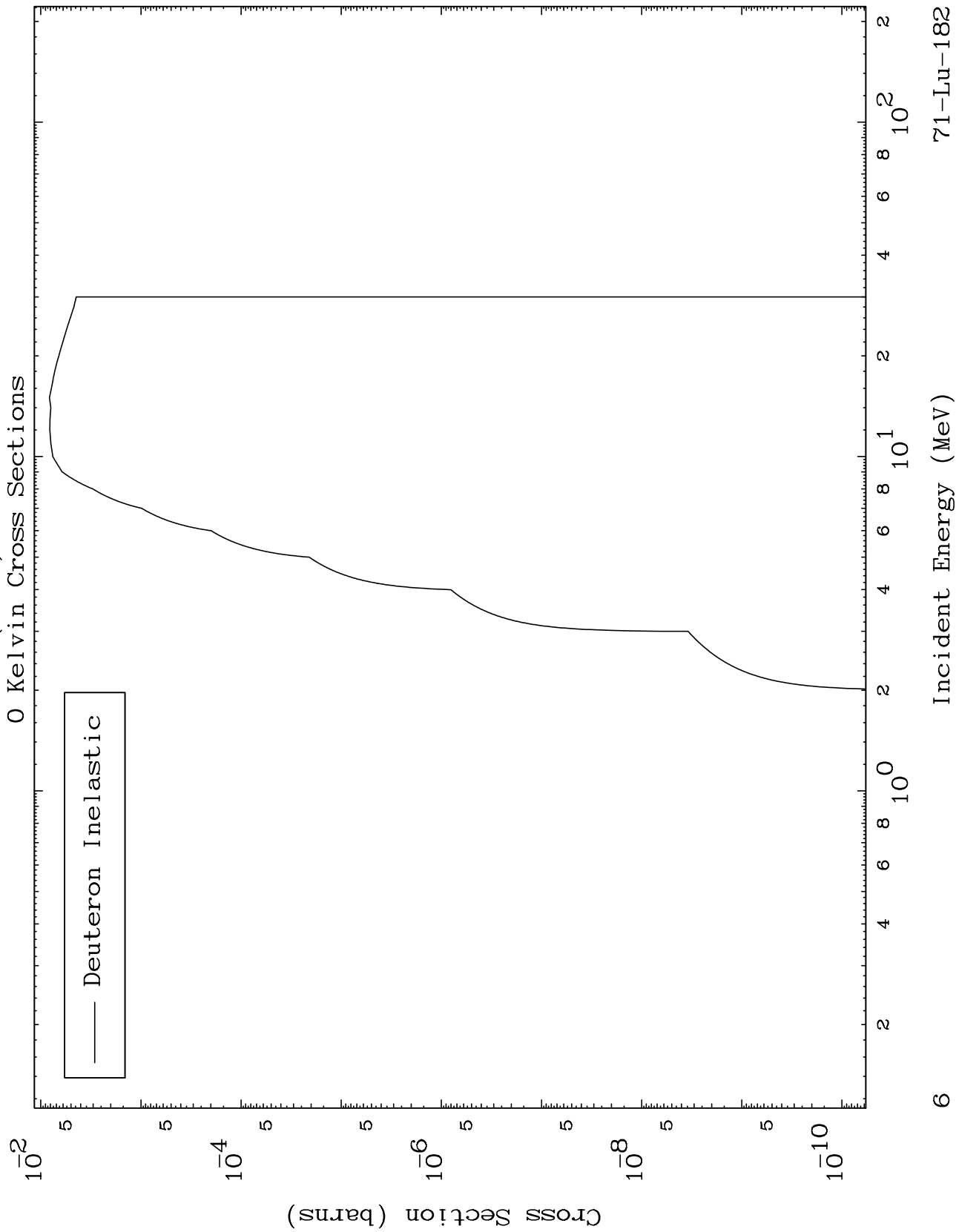




MAT 7146

(d,n') Level

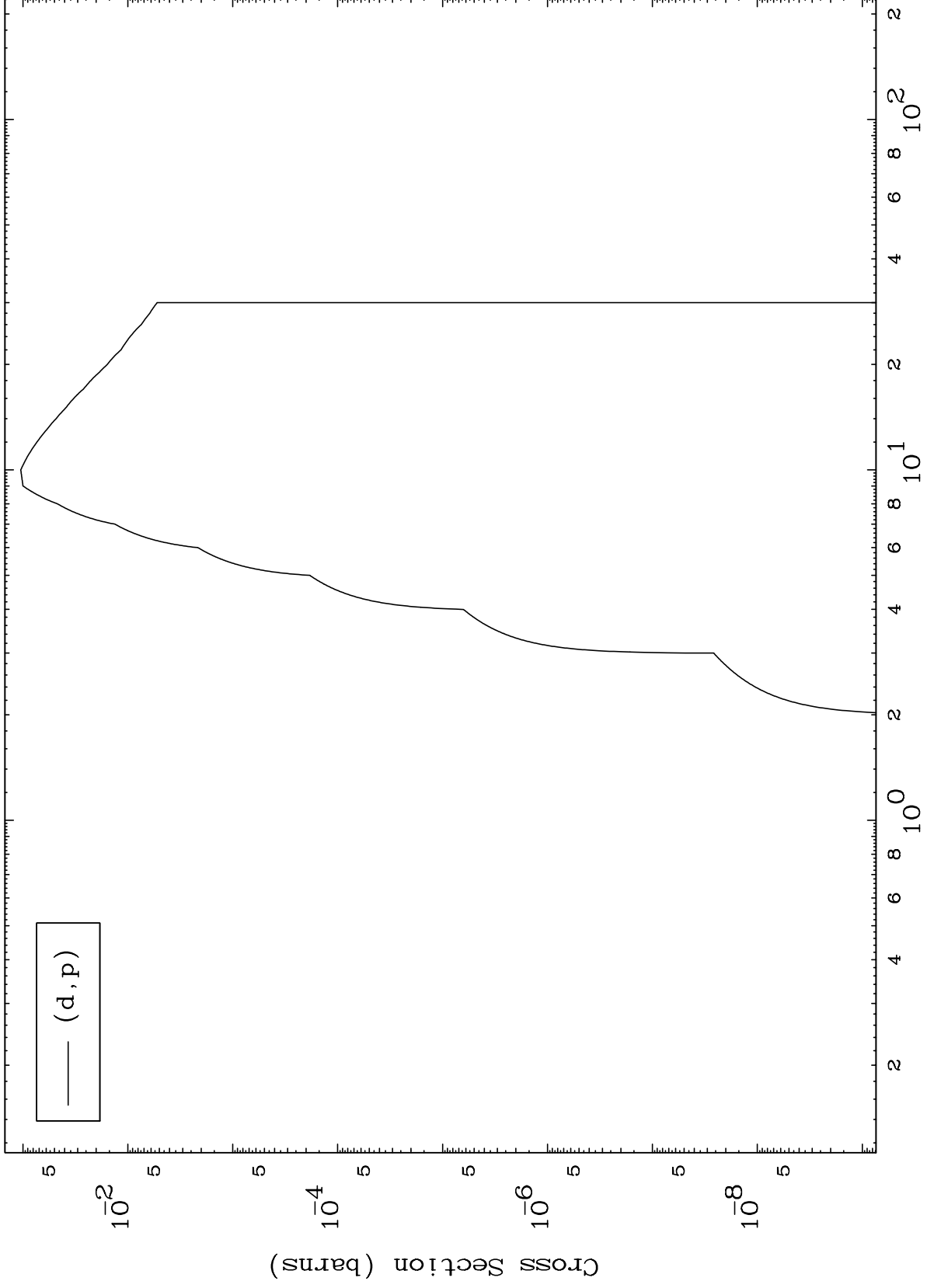
71-Lu-182



MAT 7146

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-182

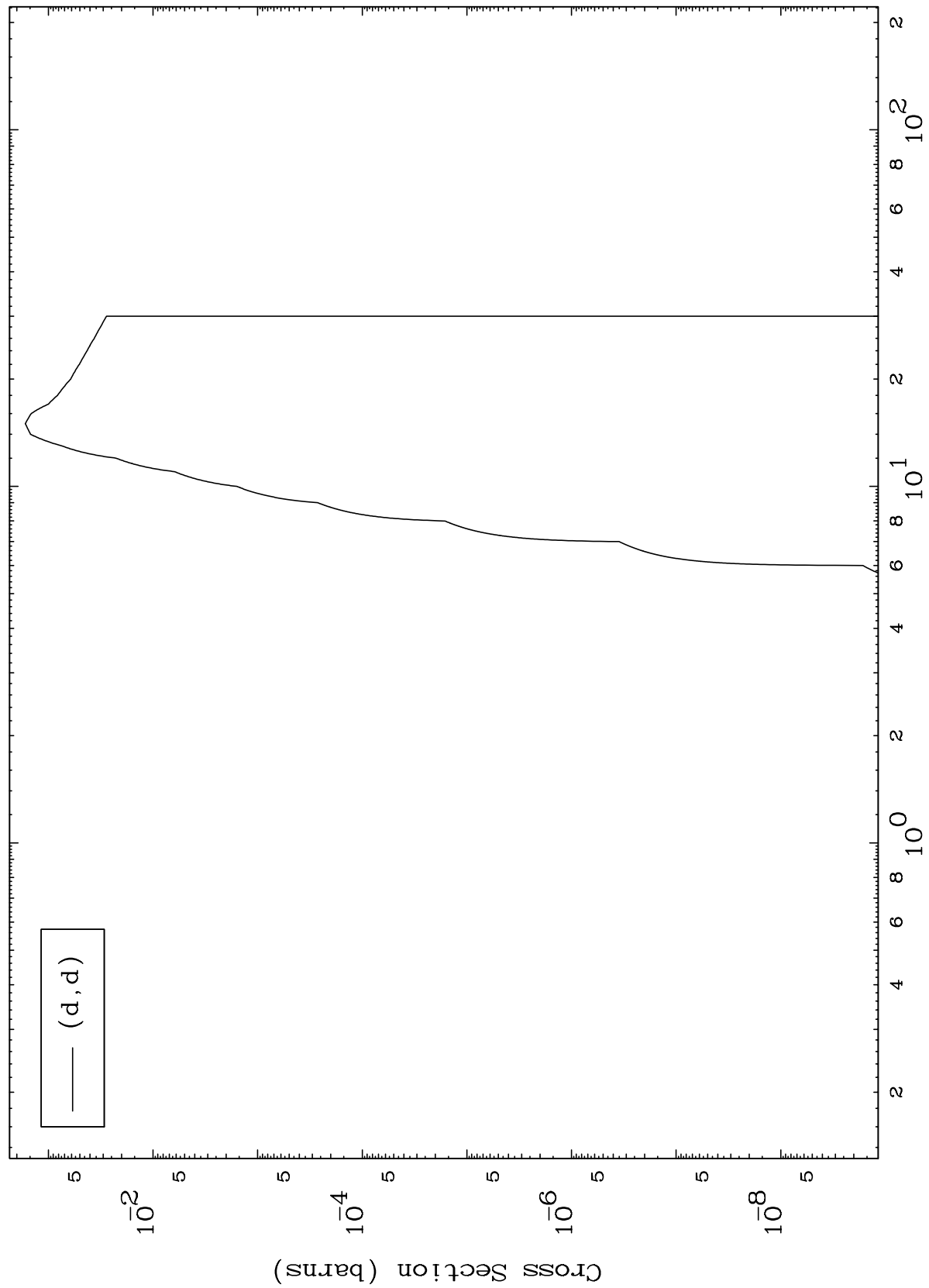


MAT 7146

(d,d) Levels

71-Lu-182

0 Kelvin Cross Sections

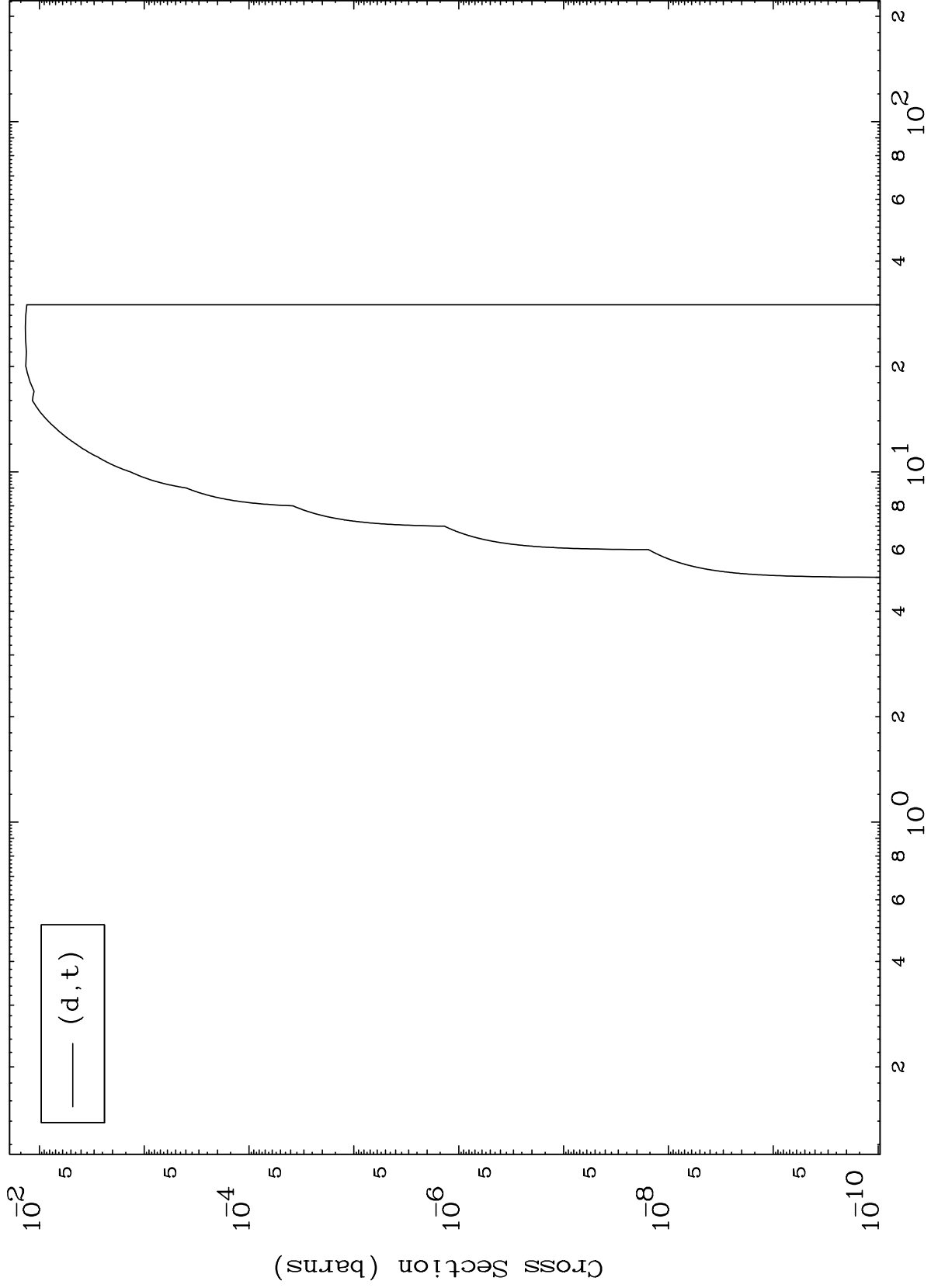


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(d,t) Levels

71-Lu-182

0 Kelvin Cross Sections



(d,t)

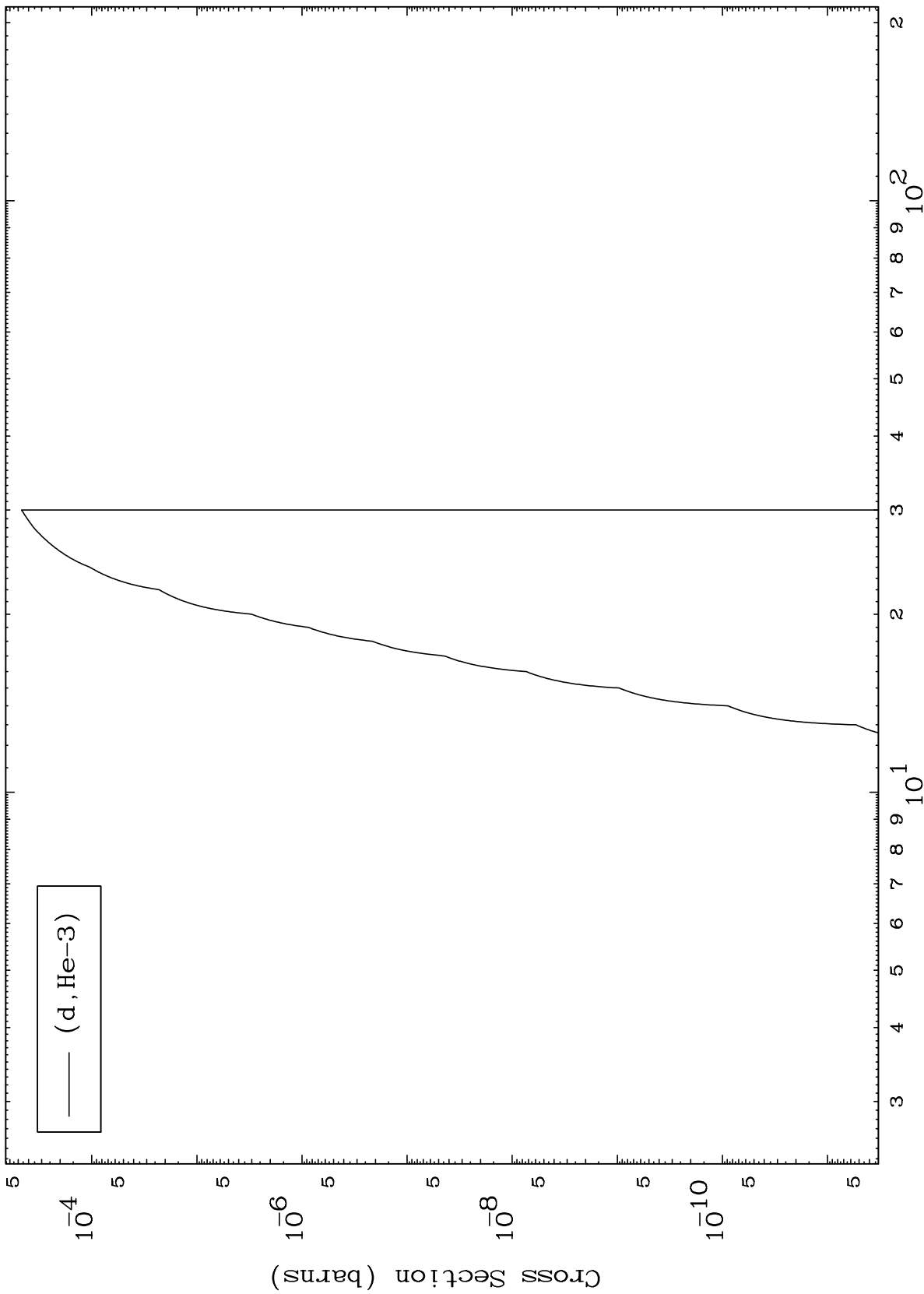
Incident Energy (MeV)

71-Lu-182

MAT 7146

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-182



10

Incident Energy (MeV)

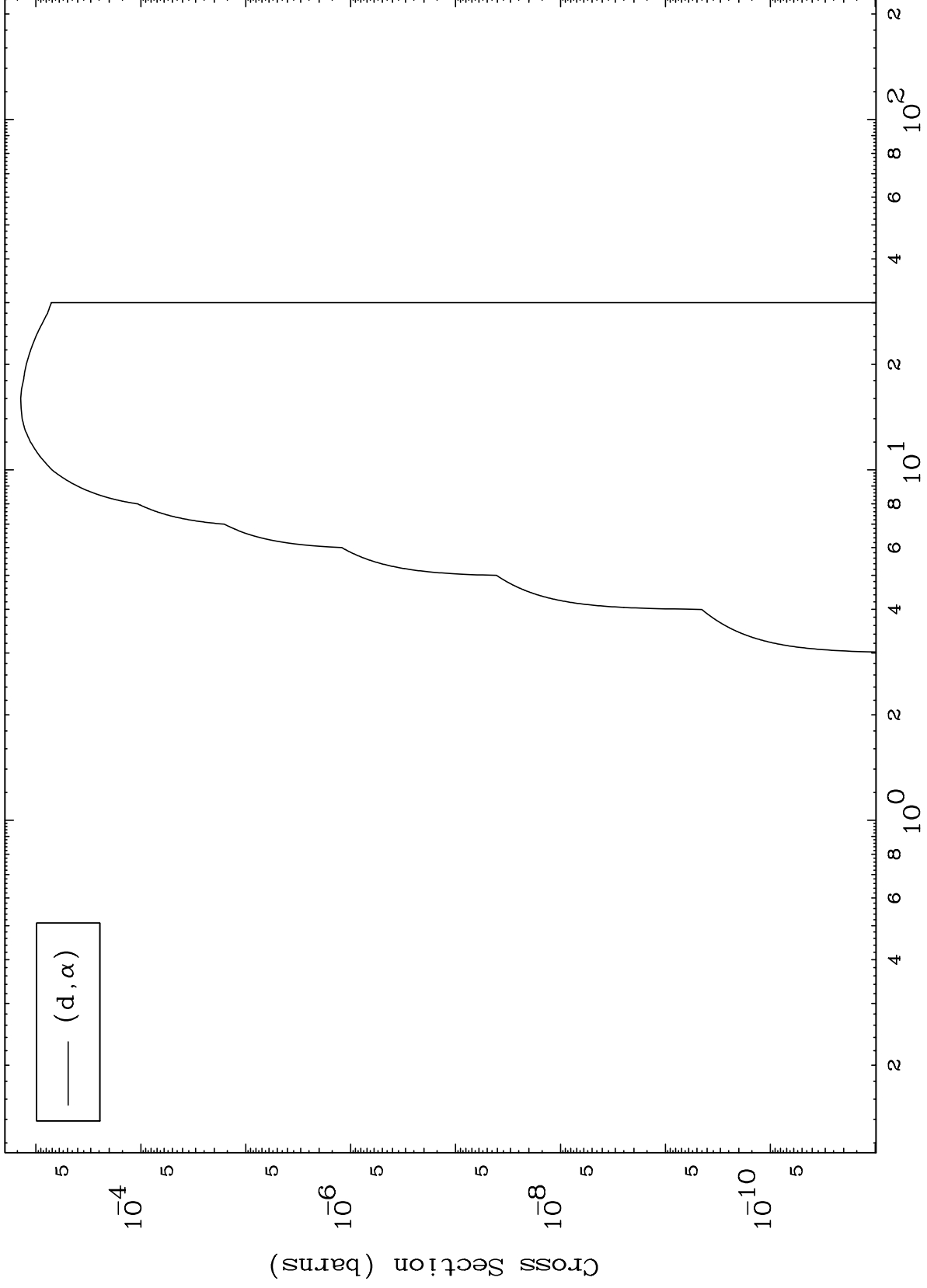
71-Lu-182

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(d,  $\alpha$ ) Levels

71-Lu-182

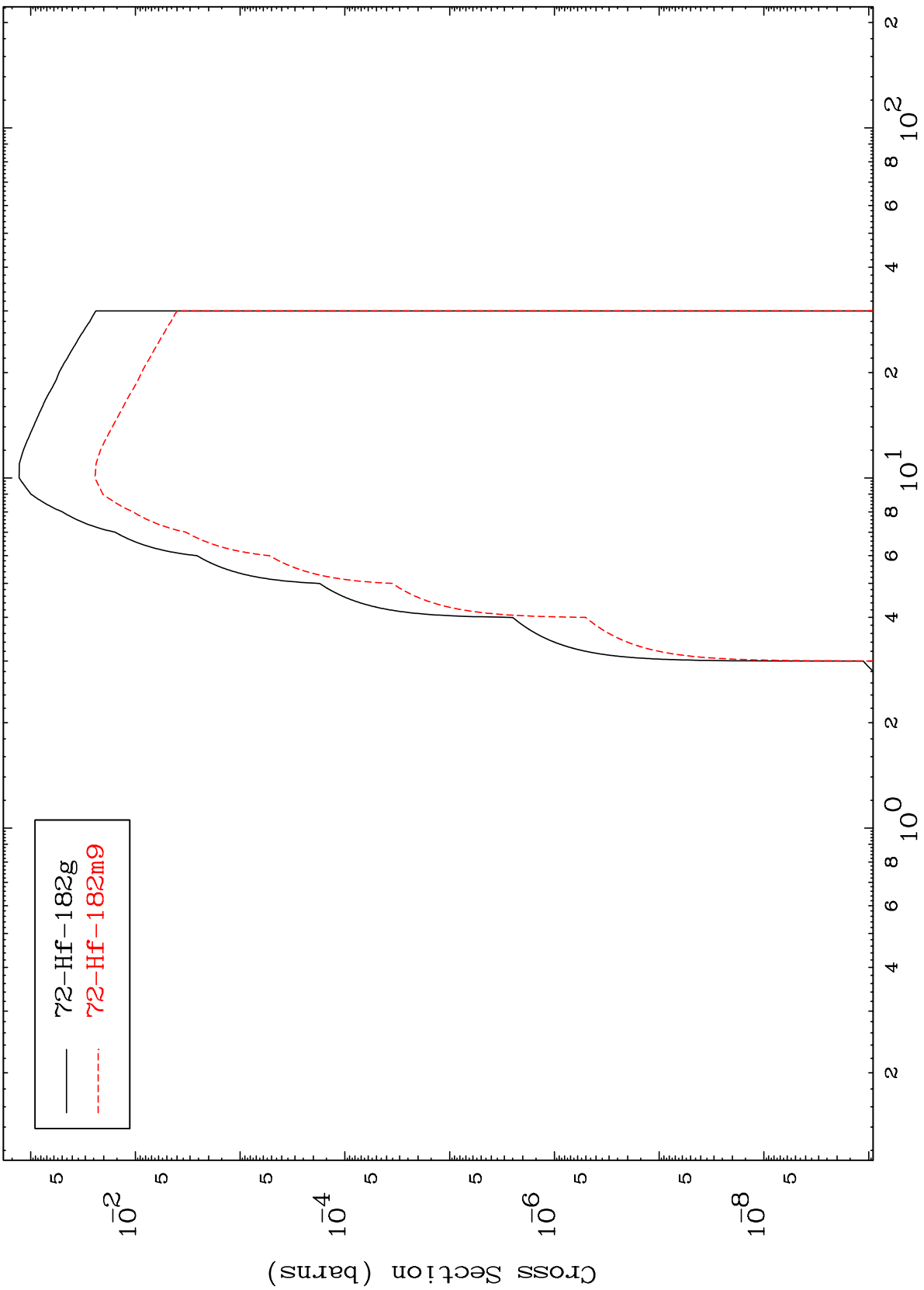
0 Kelvin Cross Sections



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71-Lu-182

Radionuclide Production Cross Section  
(d,2n)



72-Hf-182g  
72-Hf-182m9

12

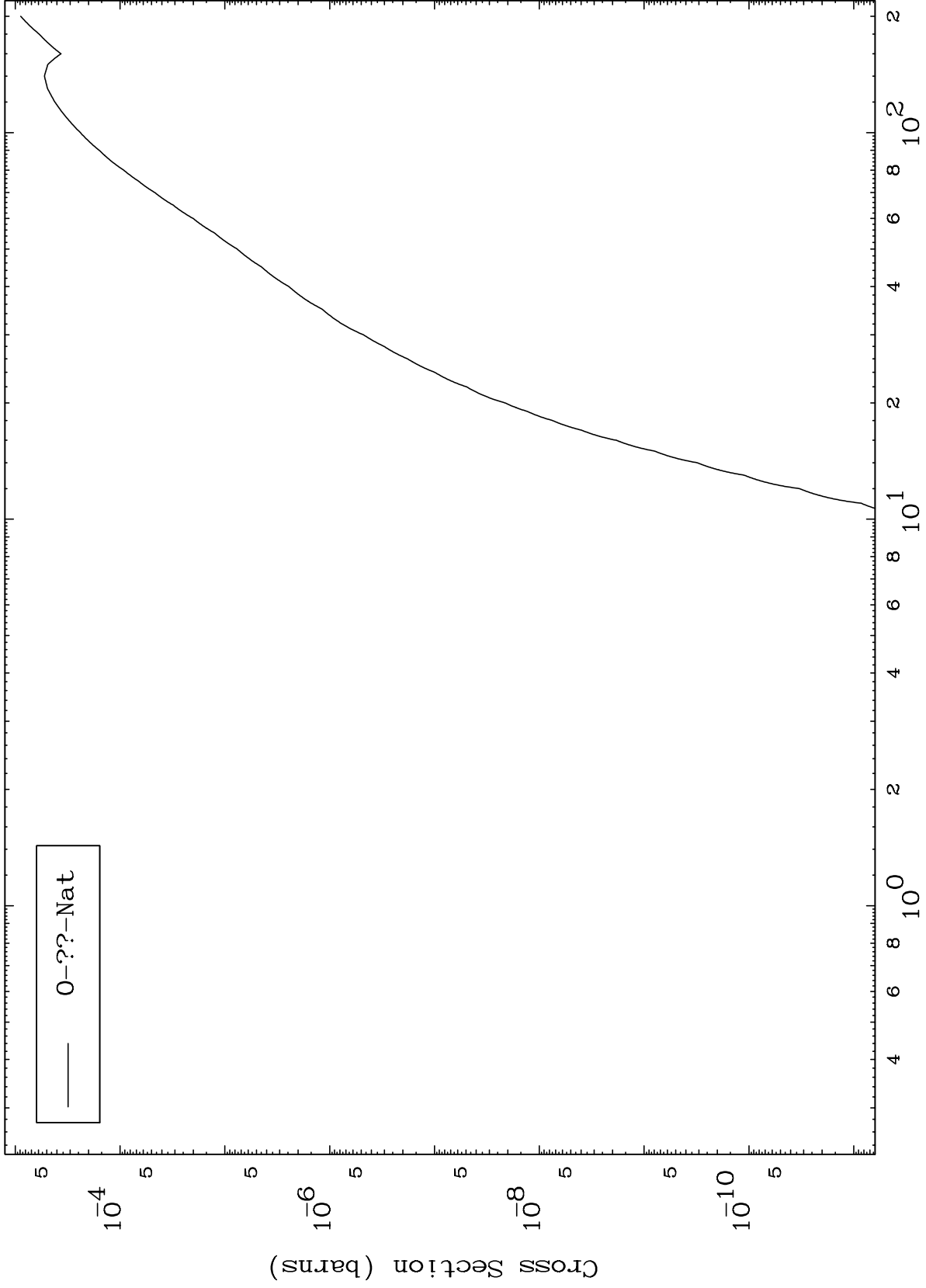
Incident Energy (MeV)

71-Lu-182

MAT 7146

Deuteron Fission  
Radionuclide Production Cross Section

71-Lu-182

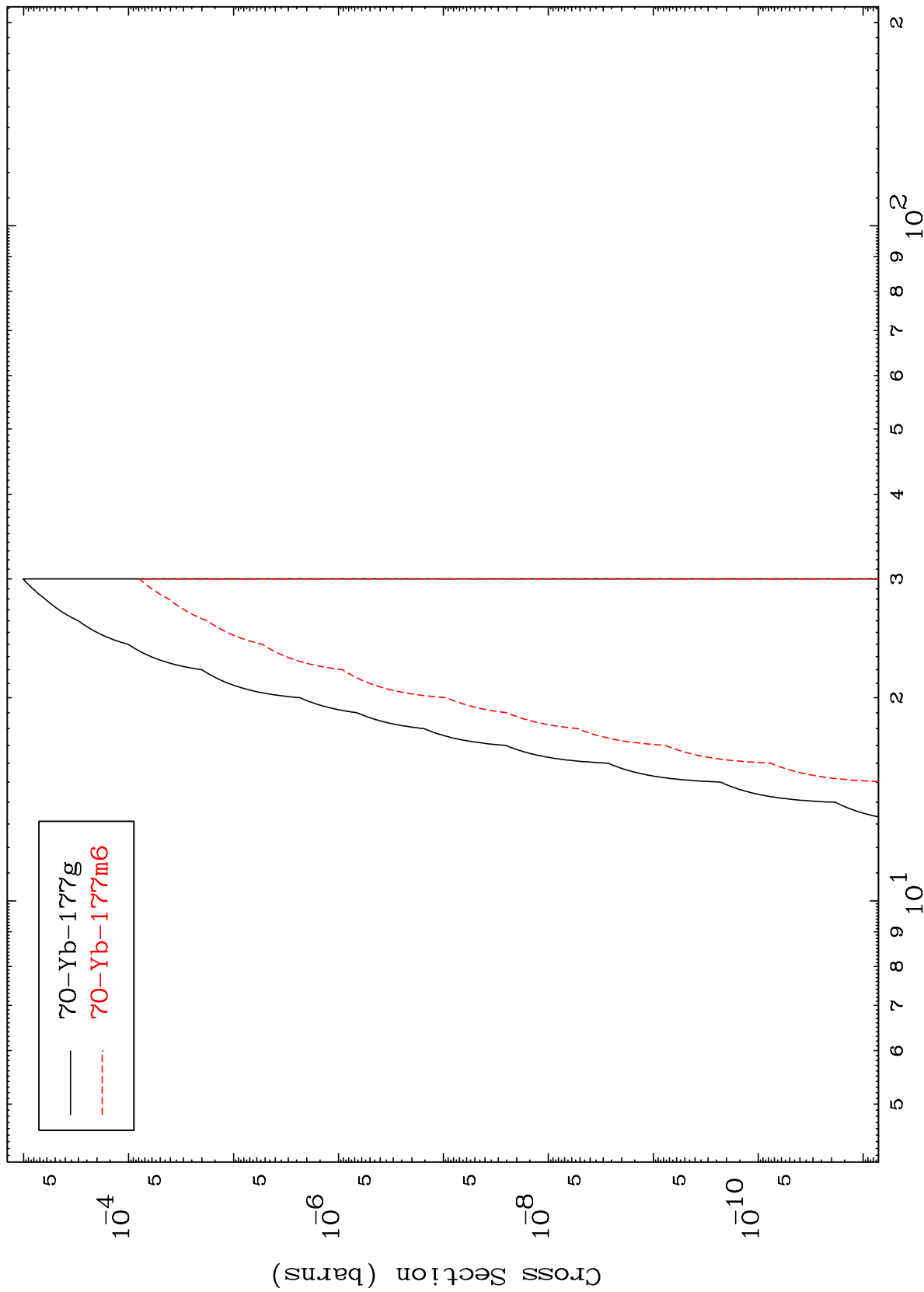


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(d,3n)  $\alpha$

71-Lu-182

Radionuclide Production Cross Section



14

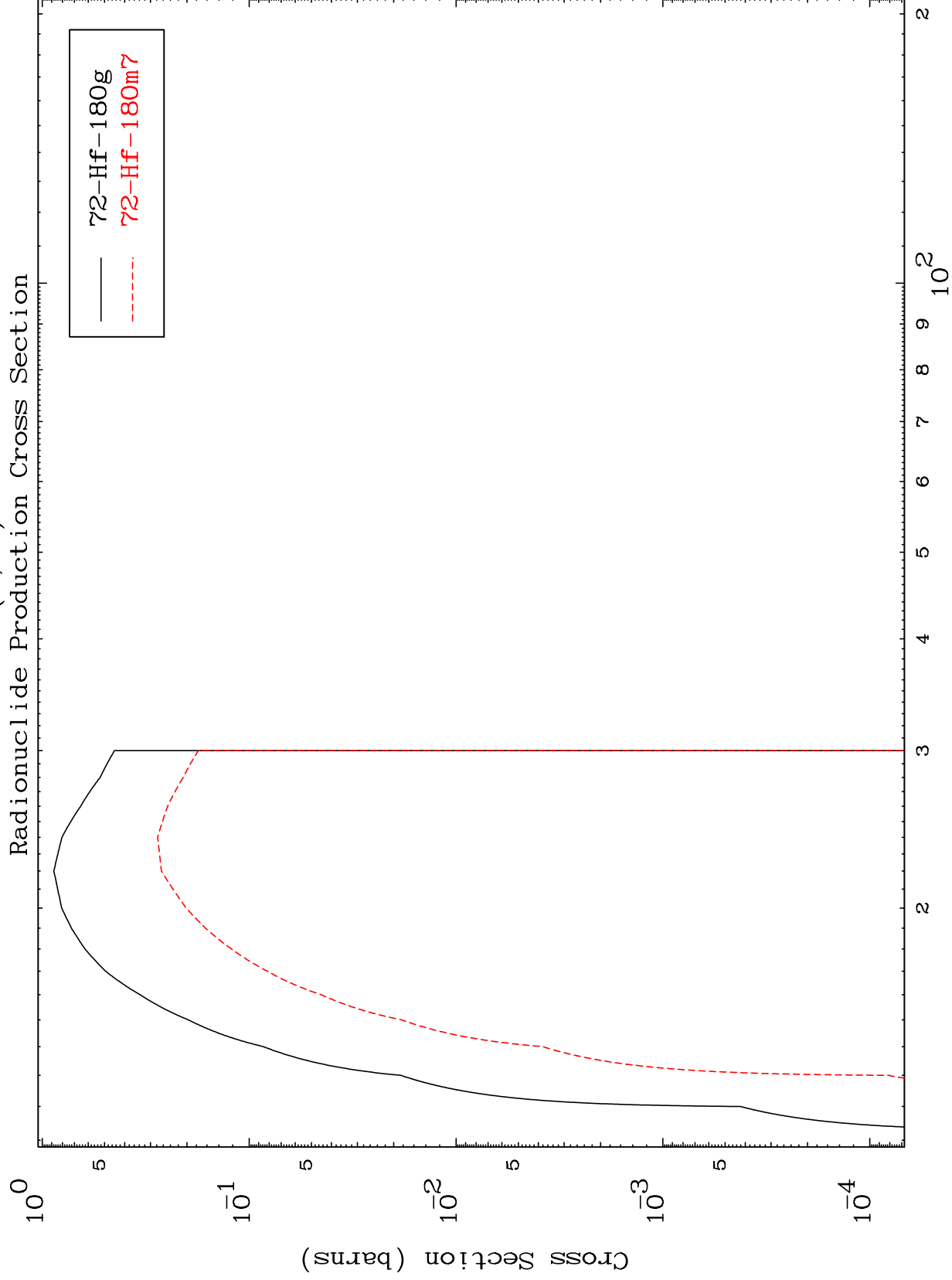
Incident Energy (MeV)

71-Lu-182

MAT 7146

(d,4n)

71-Lu-182



15

Incident Energy (MeV)

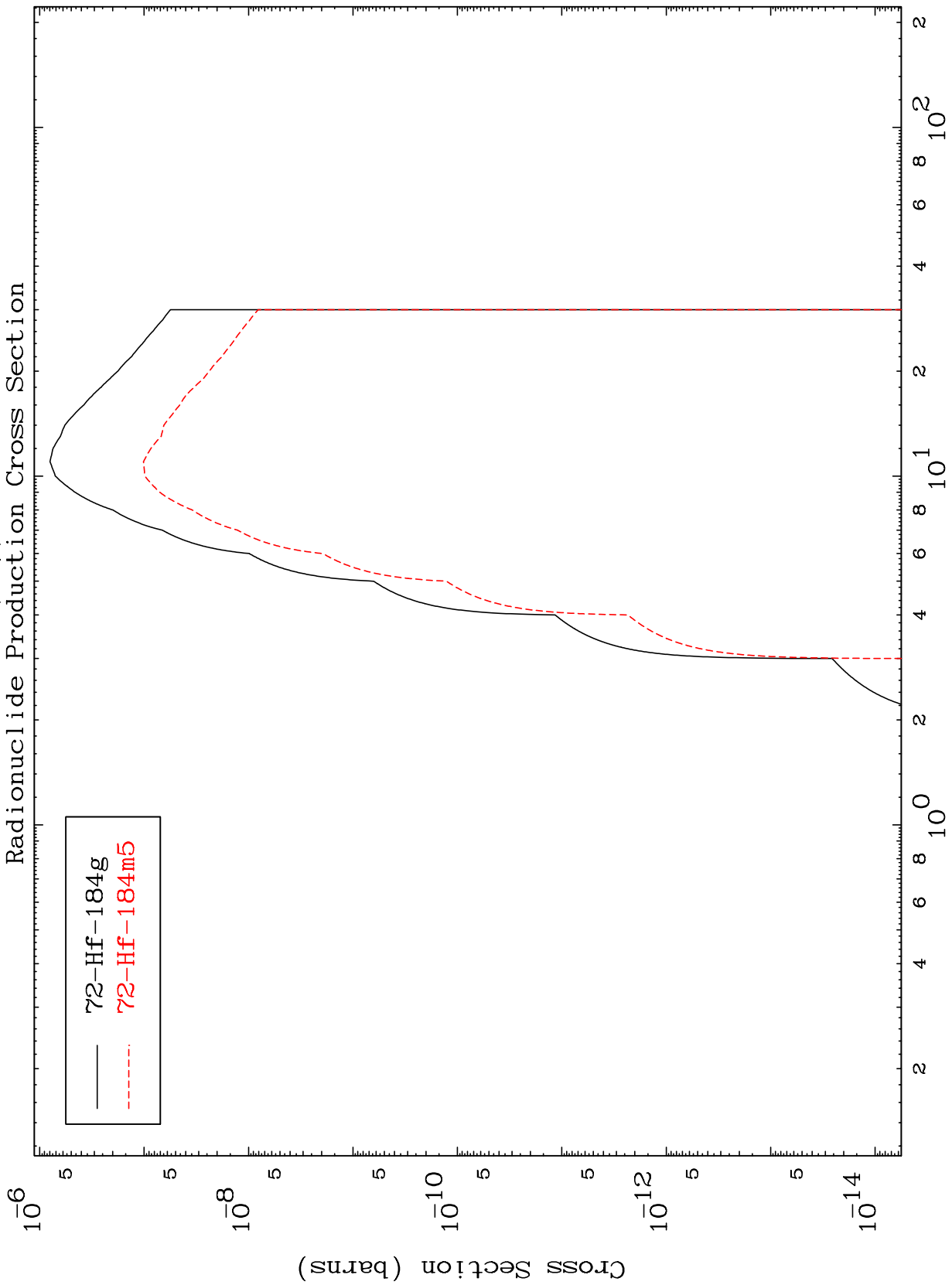
71-Lu-182

MAT 7146

(d,  $\gamma$ )

<sup>71</sup>Lu-182

Radionuclide Production Cross Section



— <sup>72</sup>Hf-184g  
- - - <sup>72</sup>Hf-184m5

16

Incident Energy (MeV)

<sup>71</sup>Lu-182