

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

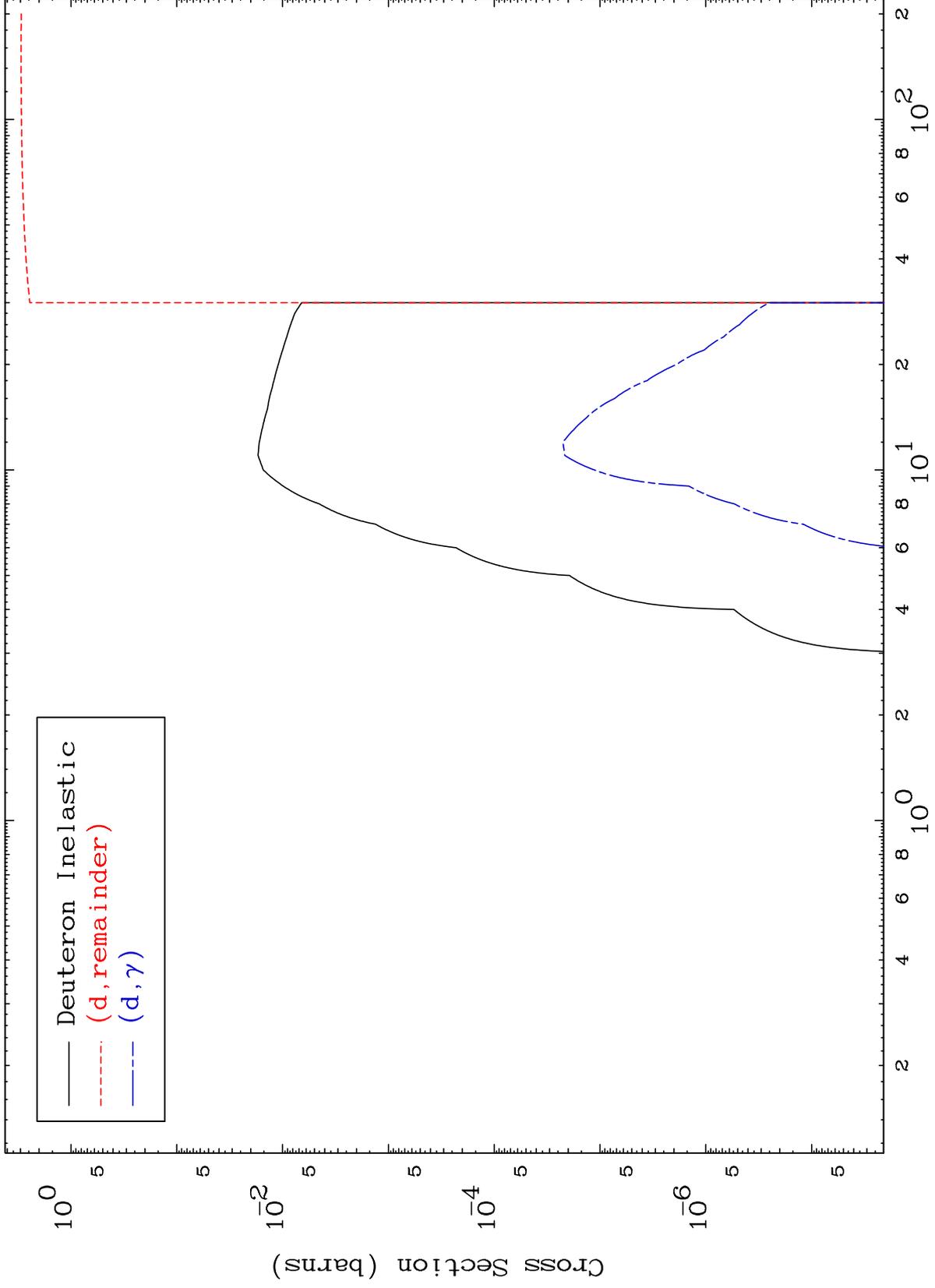
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

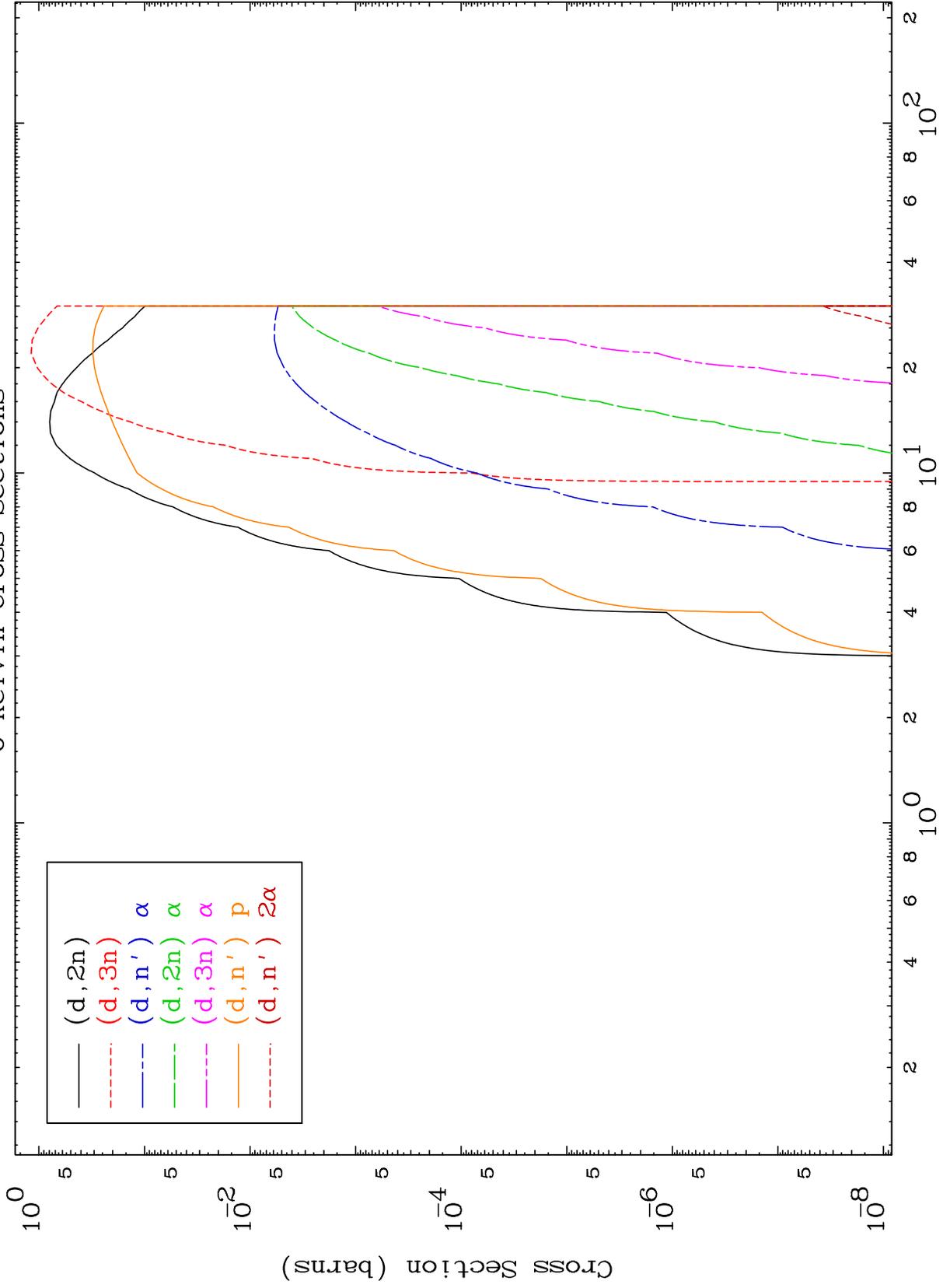
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

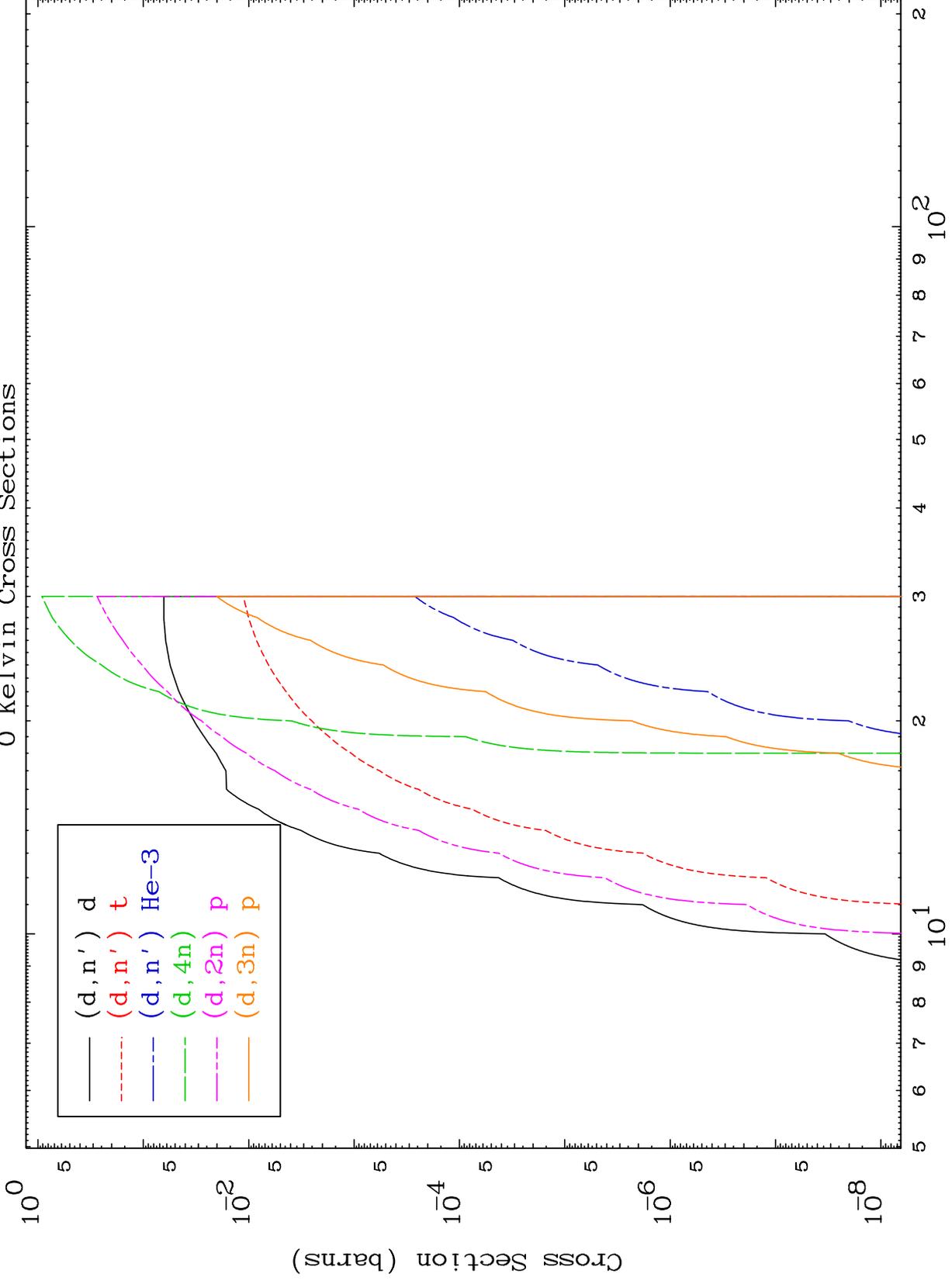




MAT 7239

Deuteron Neutron Production  
0 Kelvin Cross Sections

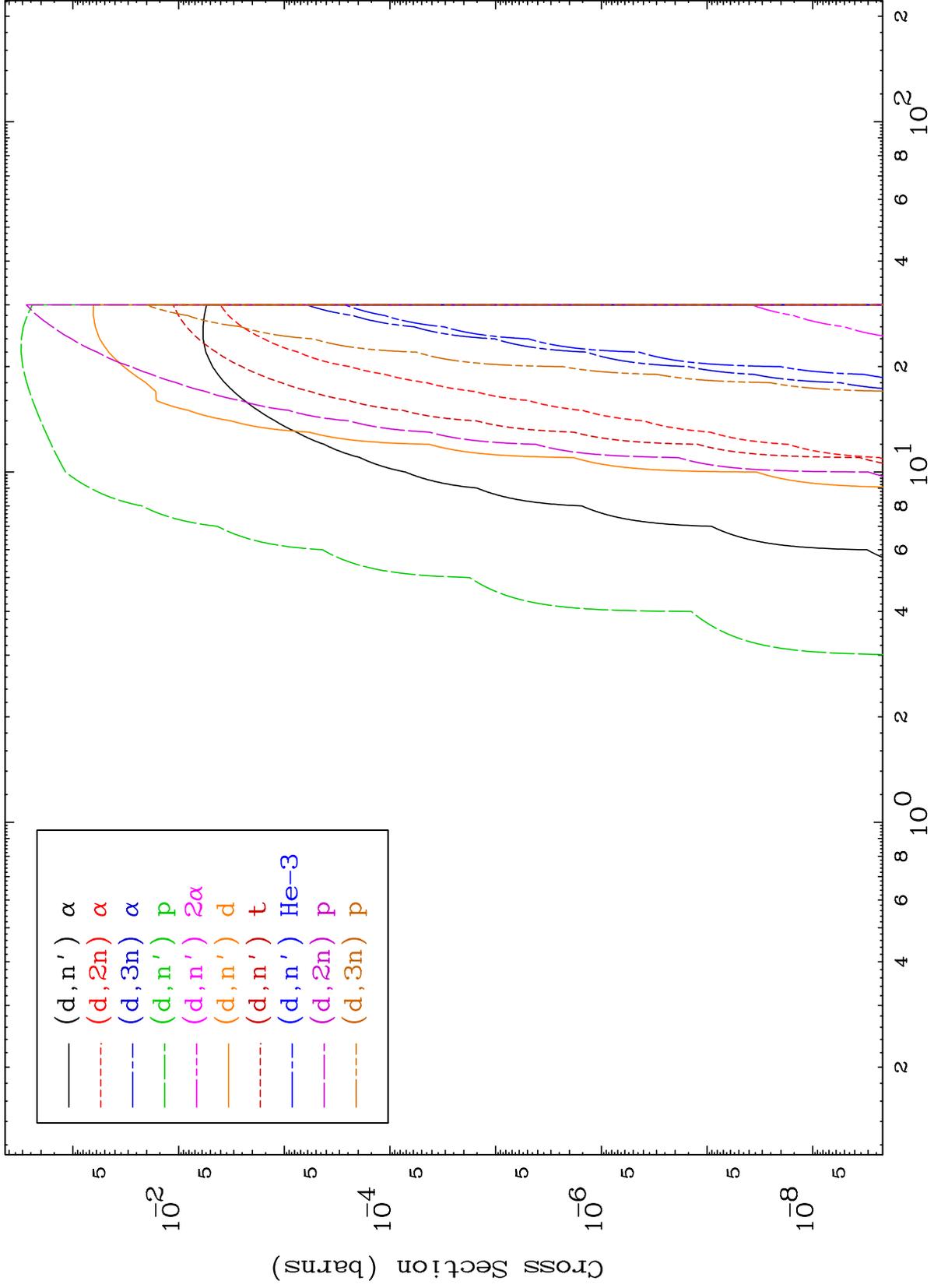
72-Hf-178

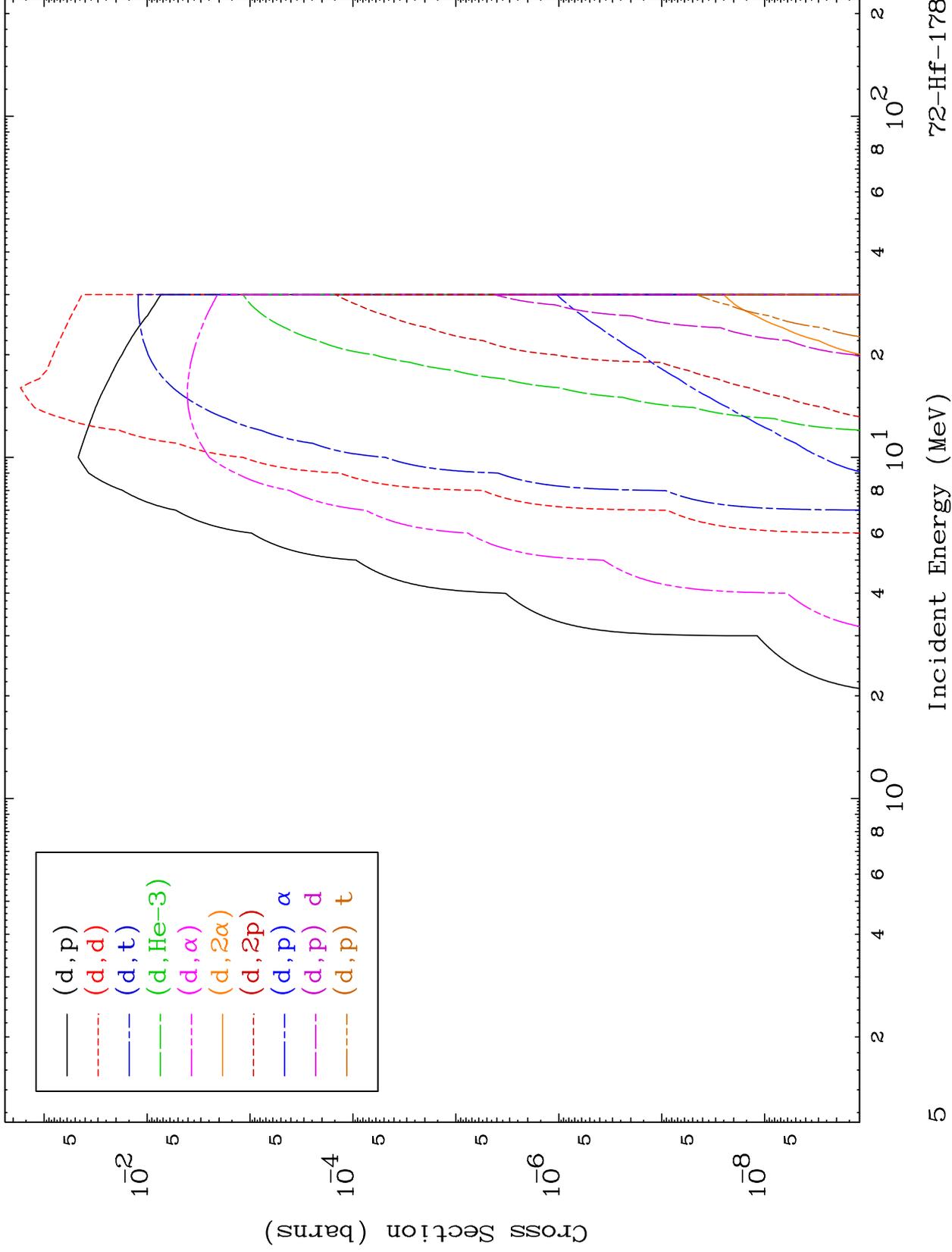


3

Incident Energy (MeV)

72-Hf-178



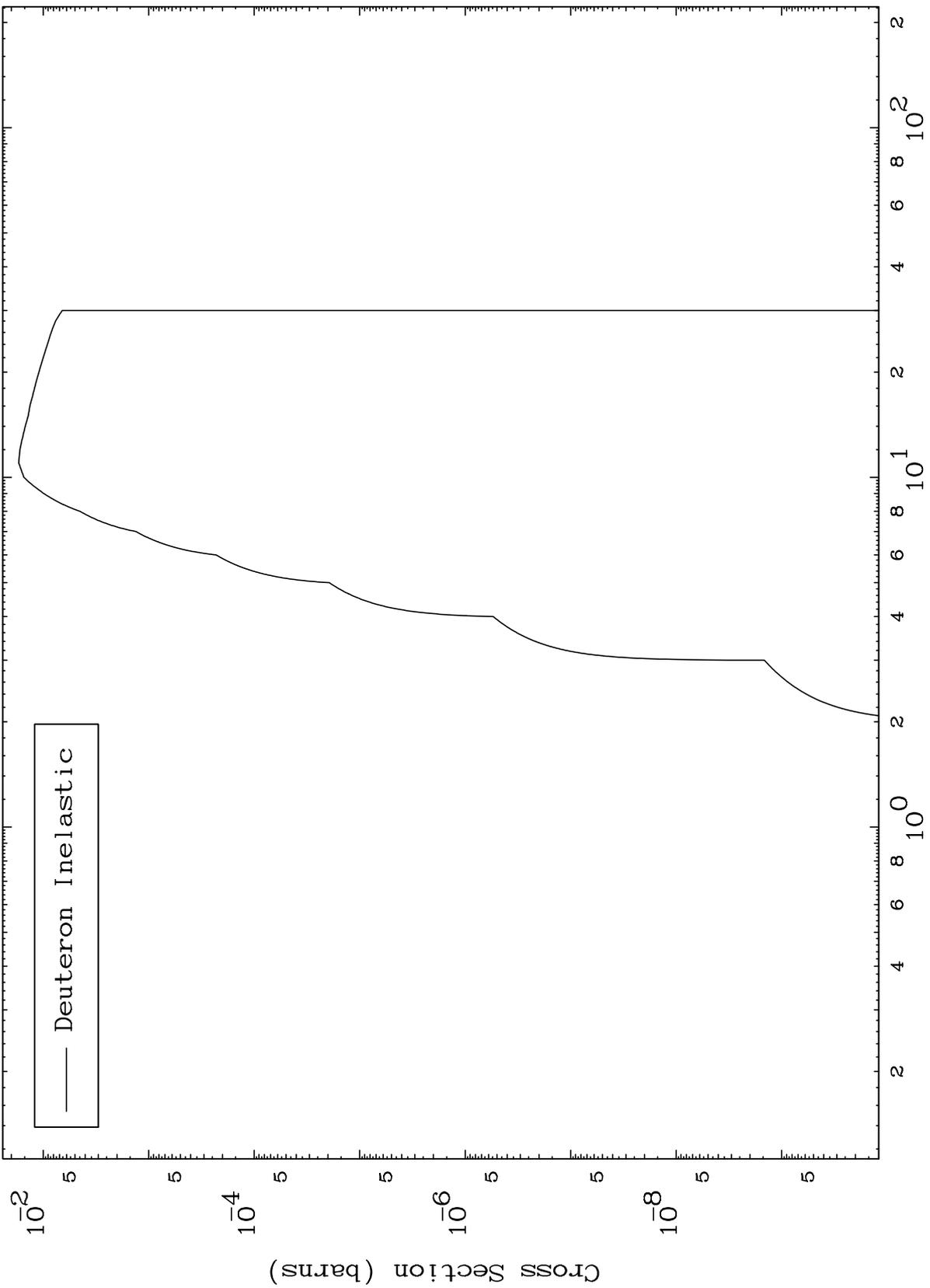


MAT 7239

(d,n') Level

72-Hf-178

0 Kelvin Cross Sections

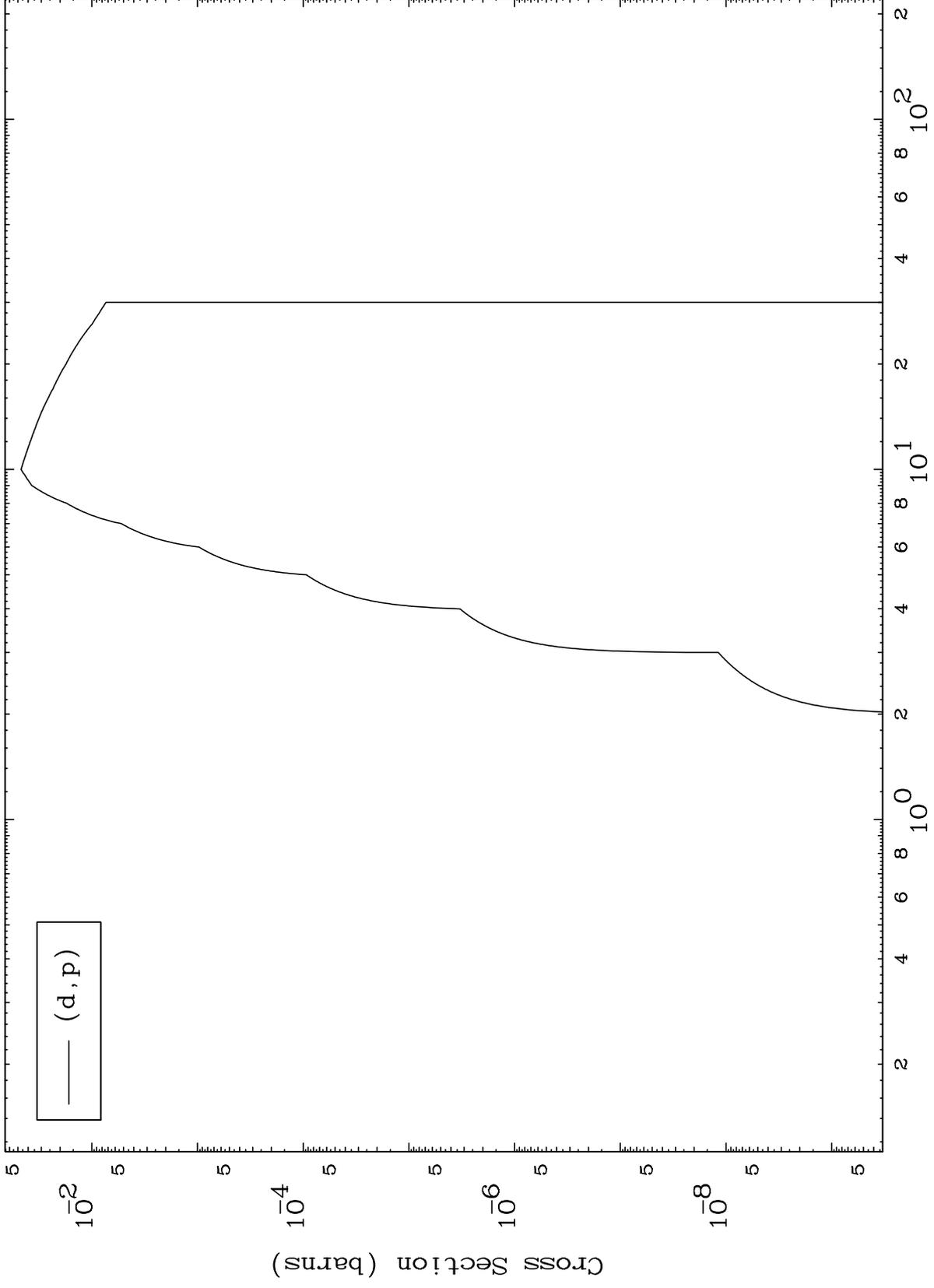


MAT 7239

(d,p) Levels

72-Hf-178

0 Kelvin Cross Sections

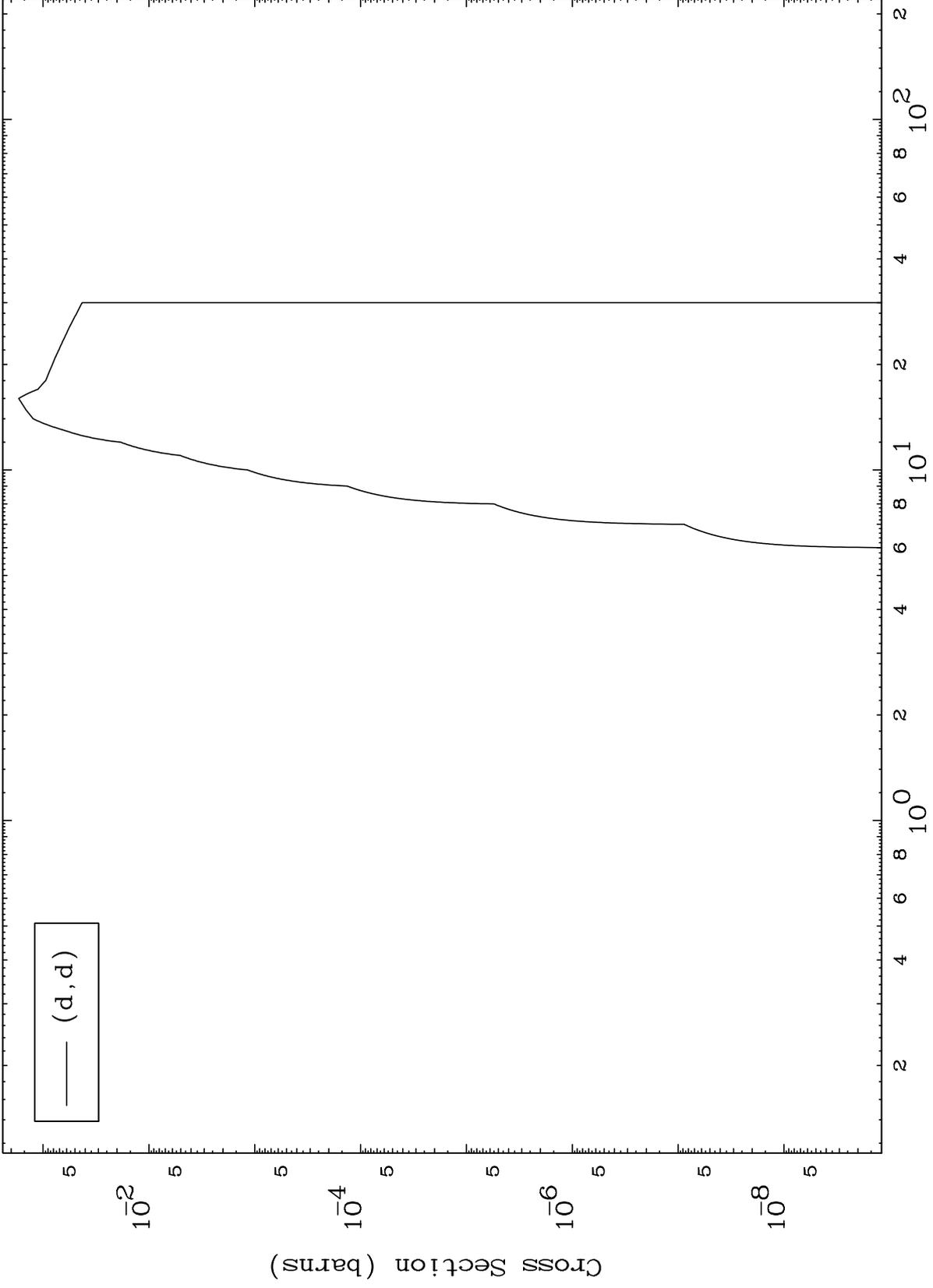


MAT 7239

(d,d) Levels

72-Hf-178

0 Kelvin Cross Sections

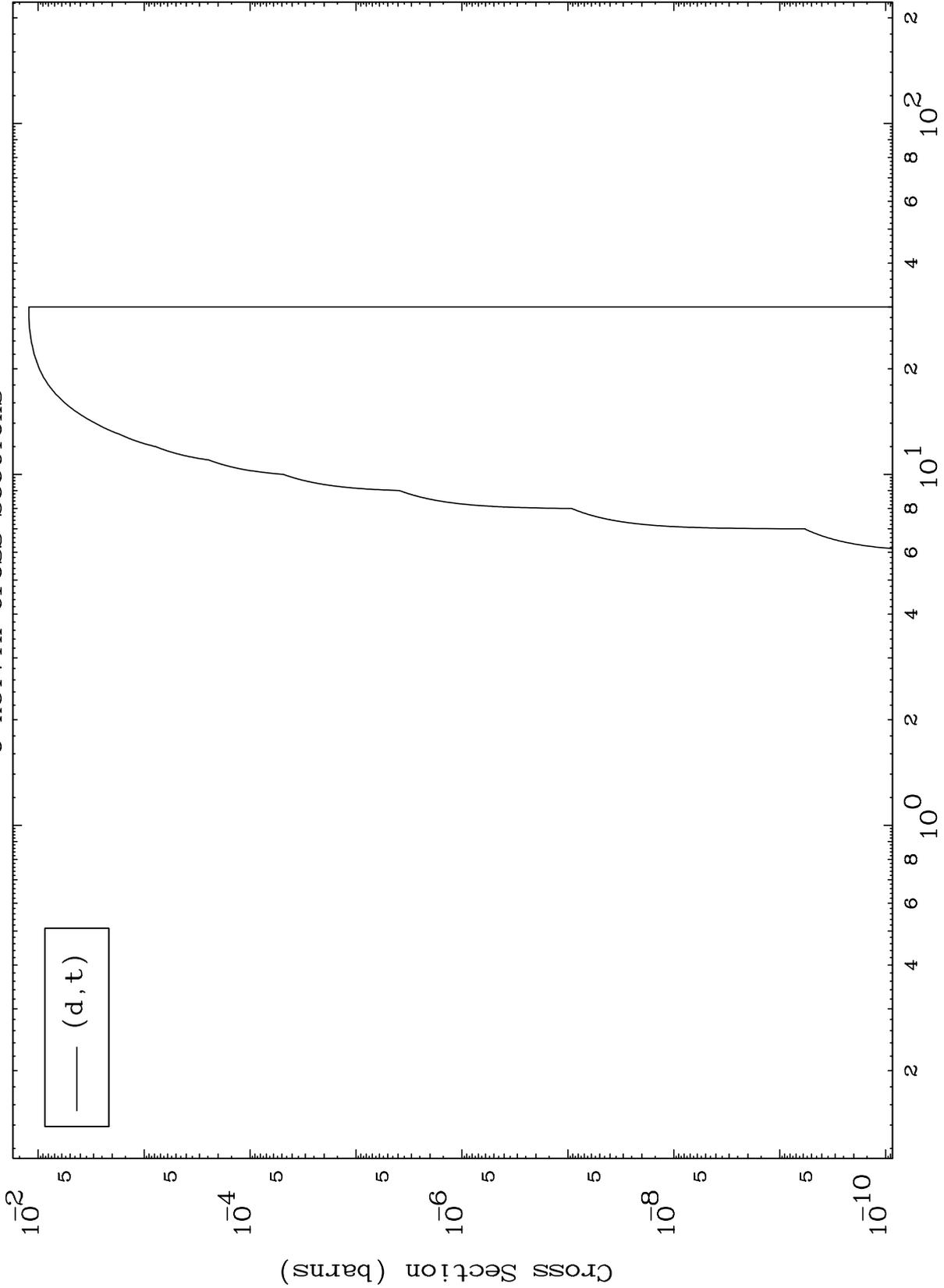


MAT 7239

(d, t) Levels

72-Hf-178

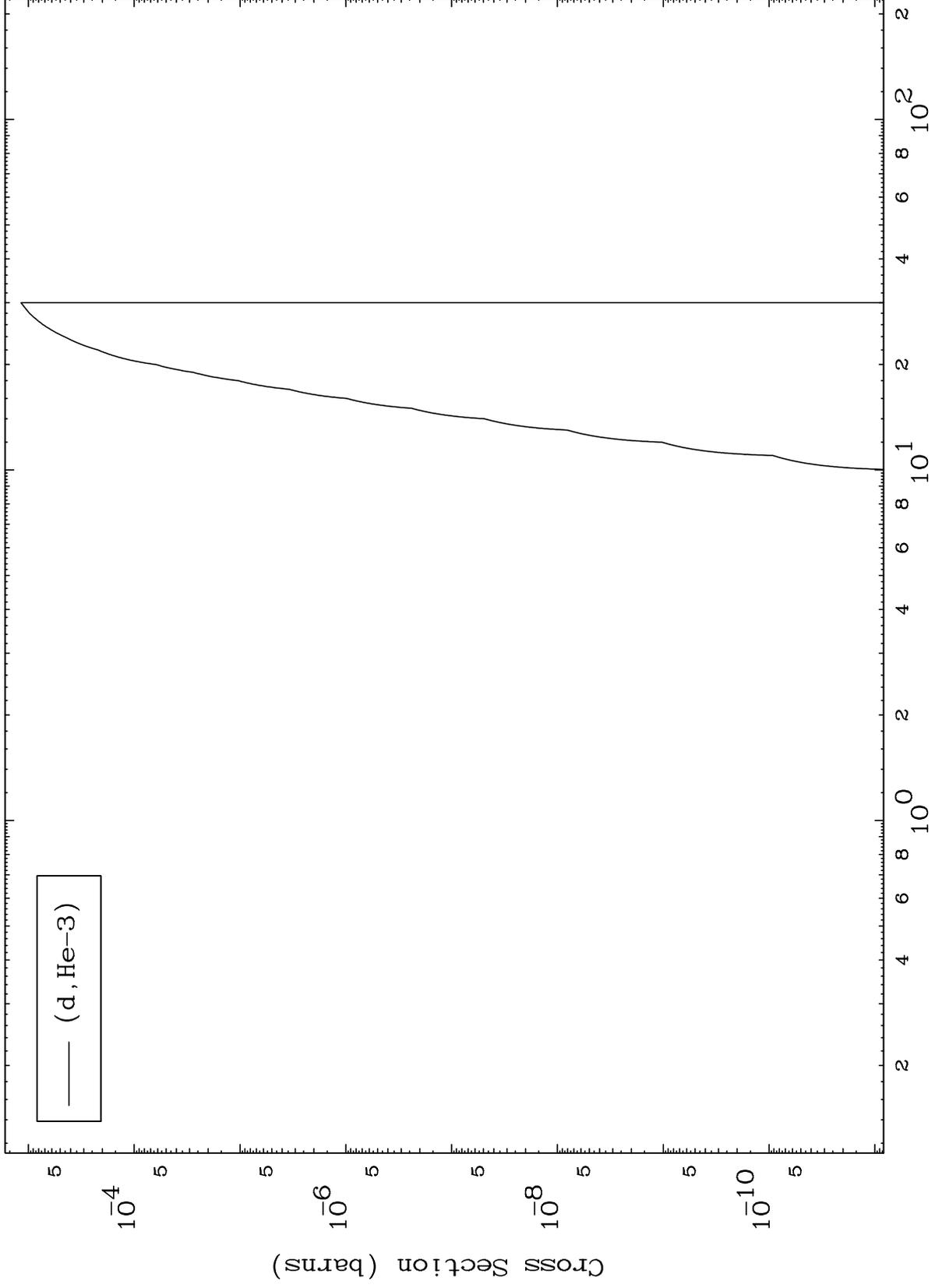
0 Kelvin Cross Sections



MAT 7239

(d,He3) Levels  
0 Kelvin Cross Sections

72-Hf-178



10

Incident Energy (MeV)

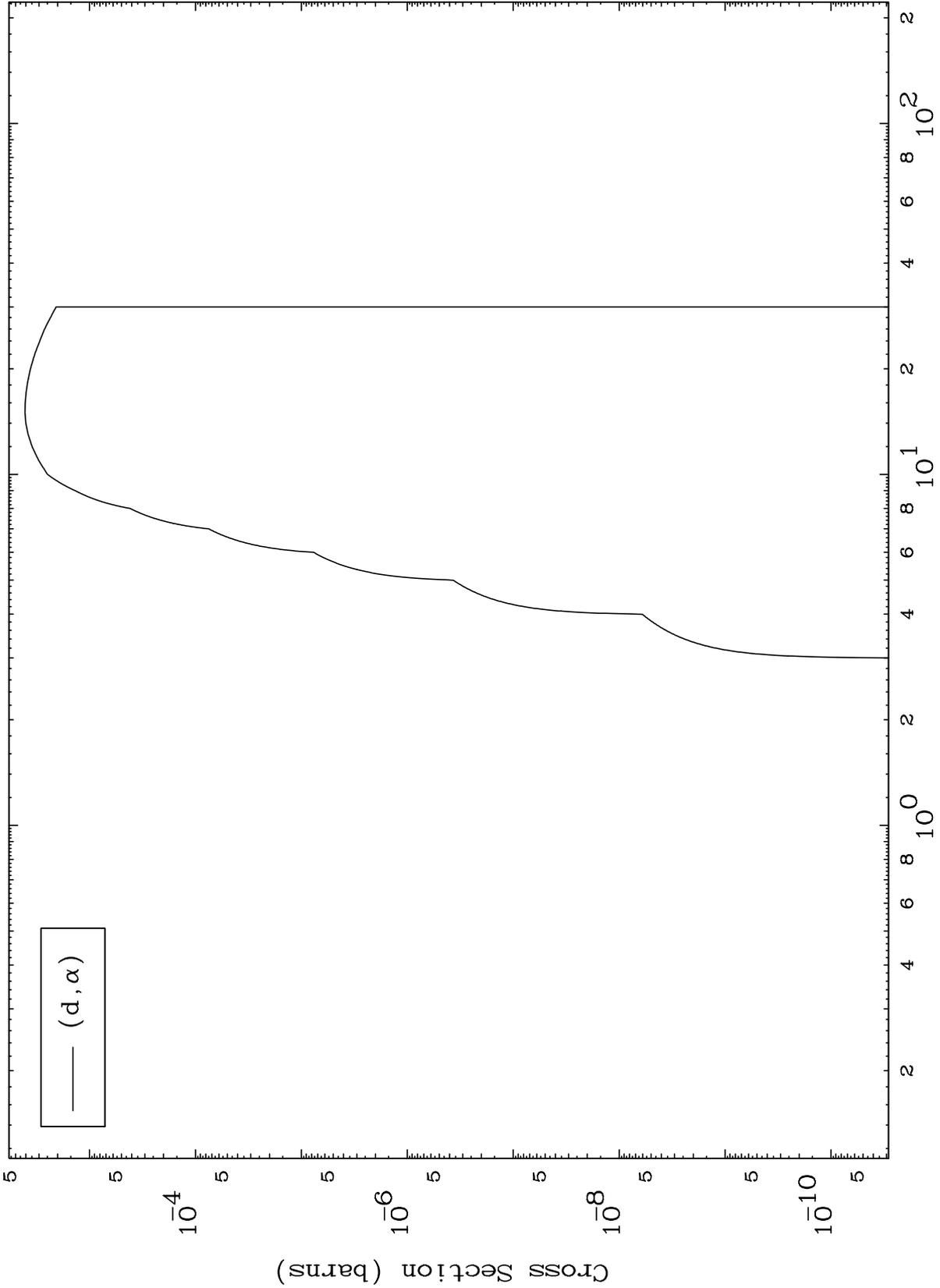
72-Hf-178

MAT 7239

(d,  $\alpha$ ) Levels

72-Hf-178

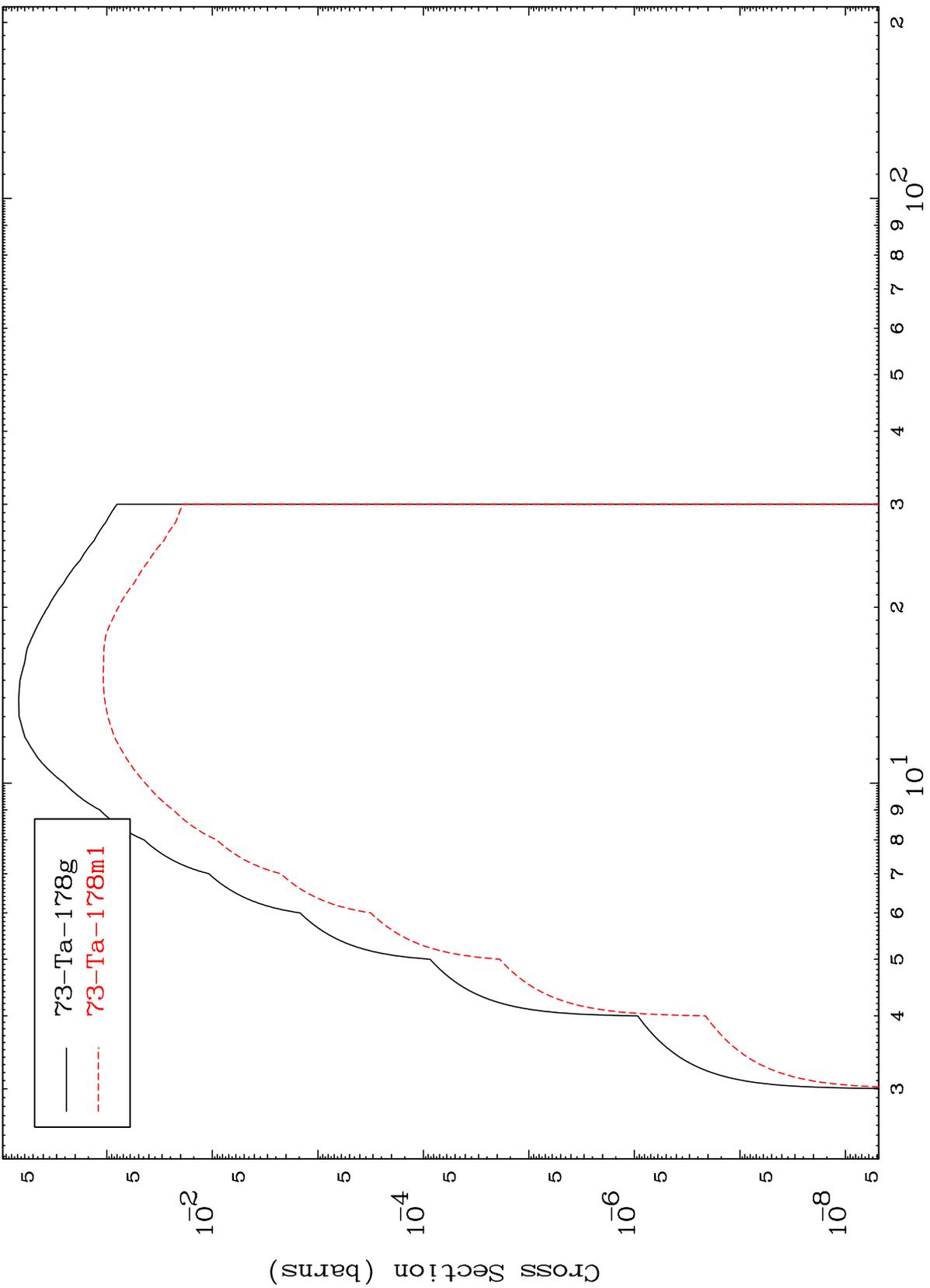
0 Kelvin Cross Sections



MAT 7239

72-Hf-178

Radionuclide Production Cross Section (d,2n)



12

Incident Energy (MeV)

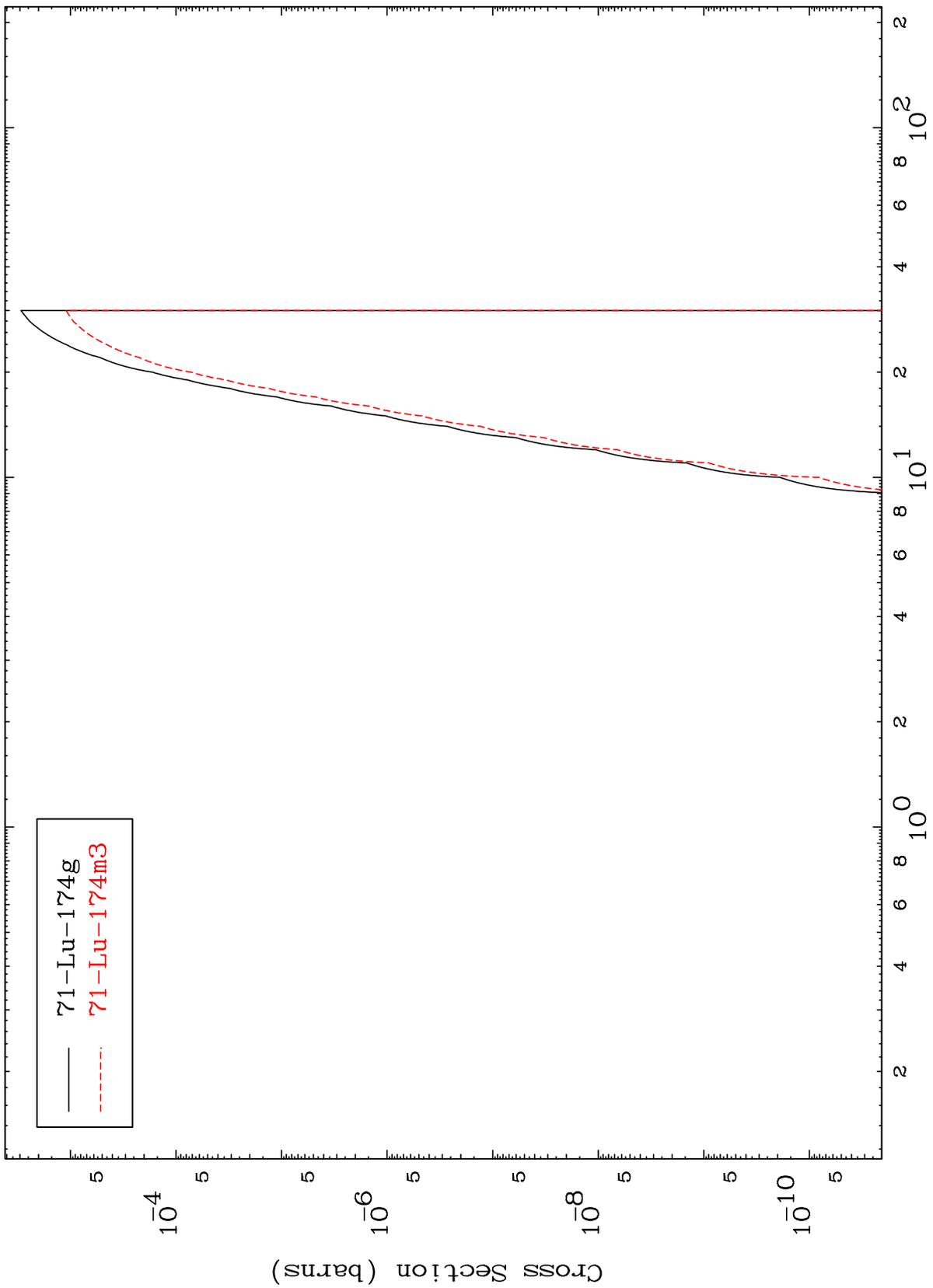
72-Hf-178

MAT 7239

(d,2n)  $\alpha$

72-Hf-178

Radionuclide Production Cross Section

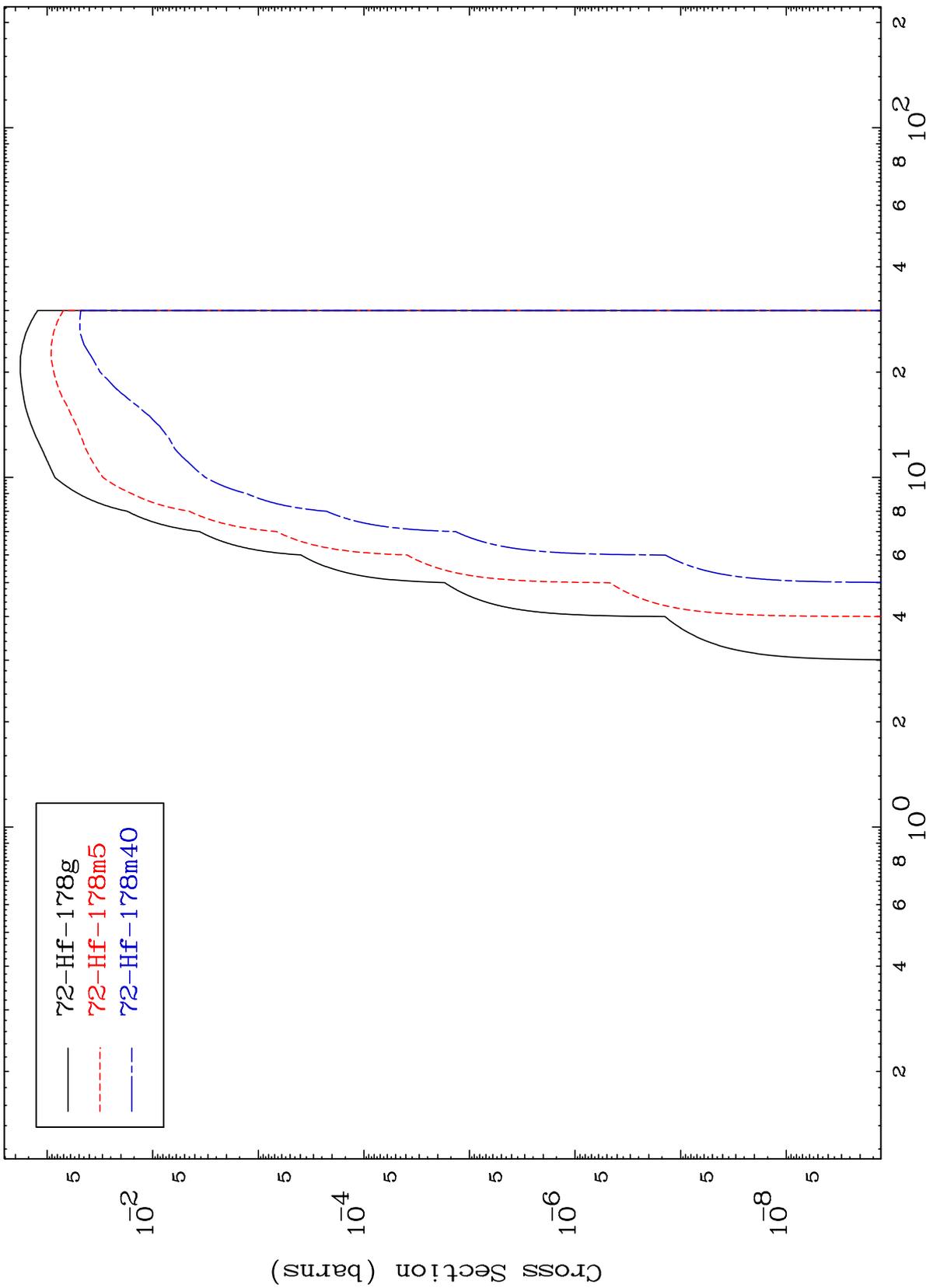


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(d,n') p

<sup>72</sup>Hf-178

Radionuclide Production Cross Section

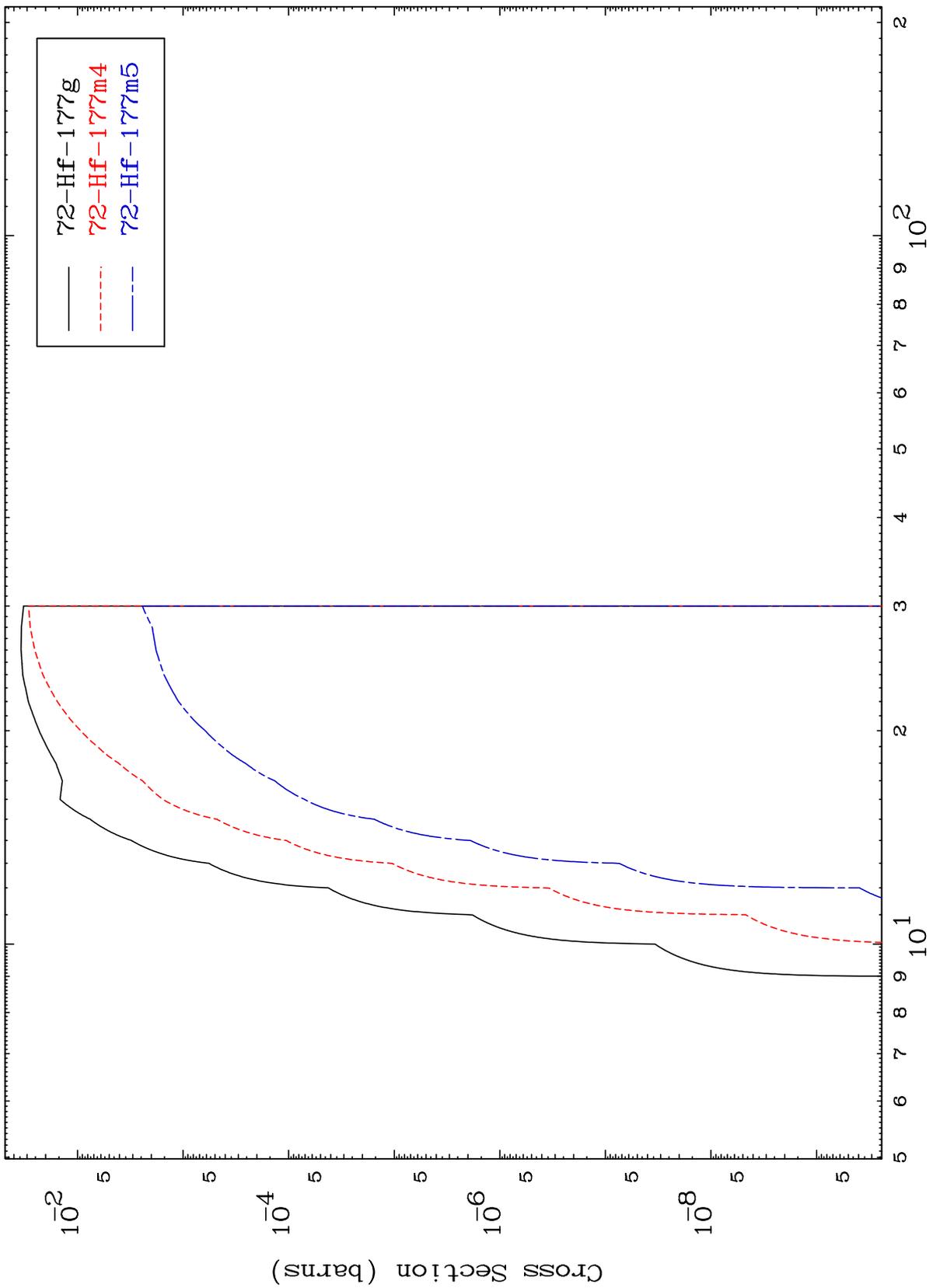


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(d,n') d

72-Hf-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

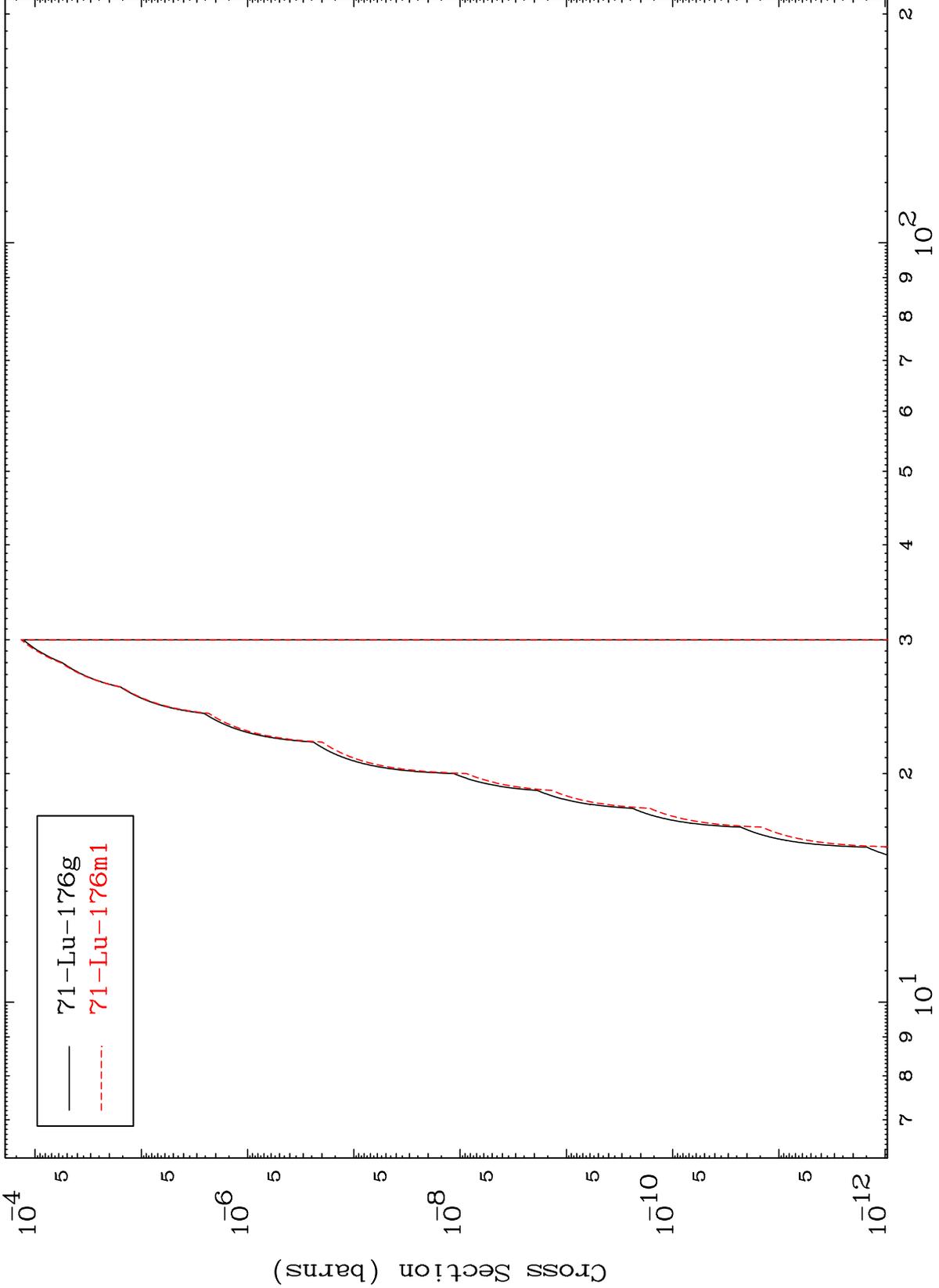
72-Hf-178

MAT 7239

(d,n') He-3

72-Hf-178

Radionuclide Production Cross Section



16

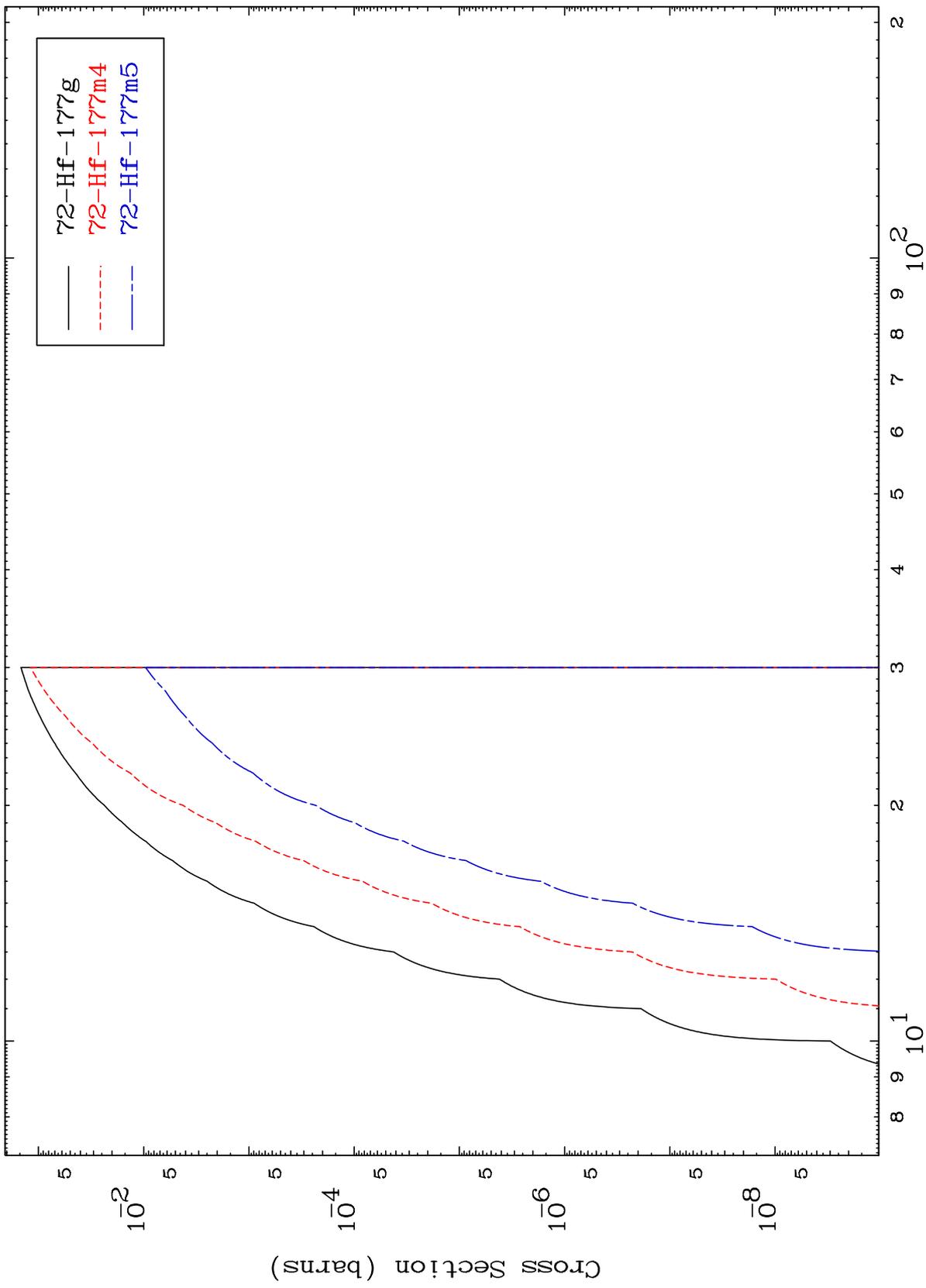
Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178

(d,2n) p  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

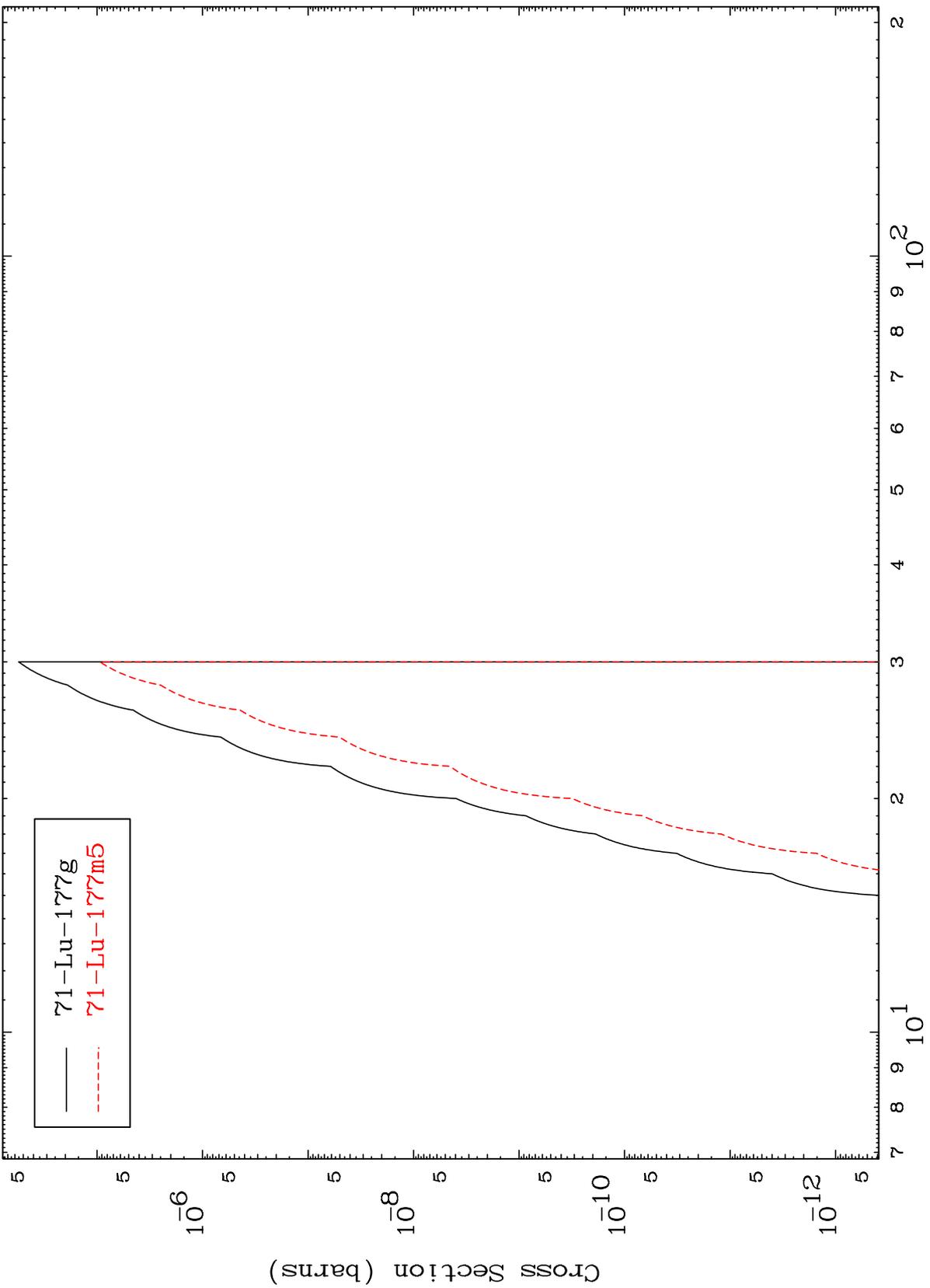
72-Hf-178

MAT 7239

(d,2n) p

72-Hf-178

Radionuclide Production Cross Section



71-Lu-177g  
71-Lu-177m5

18

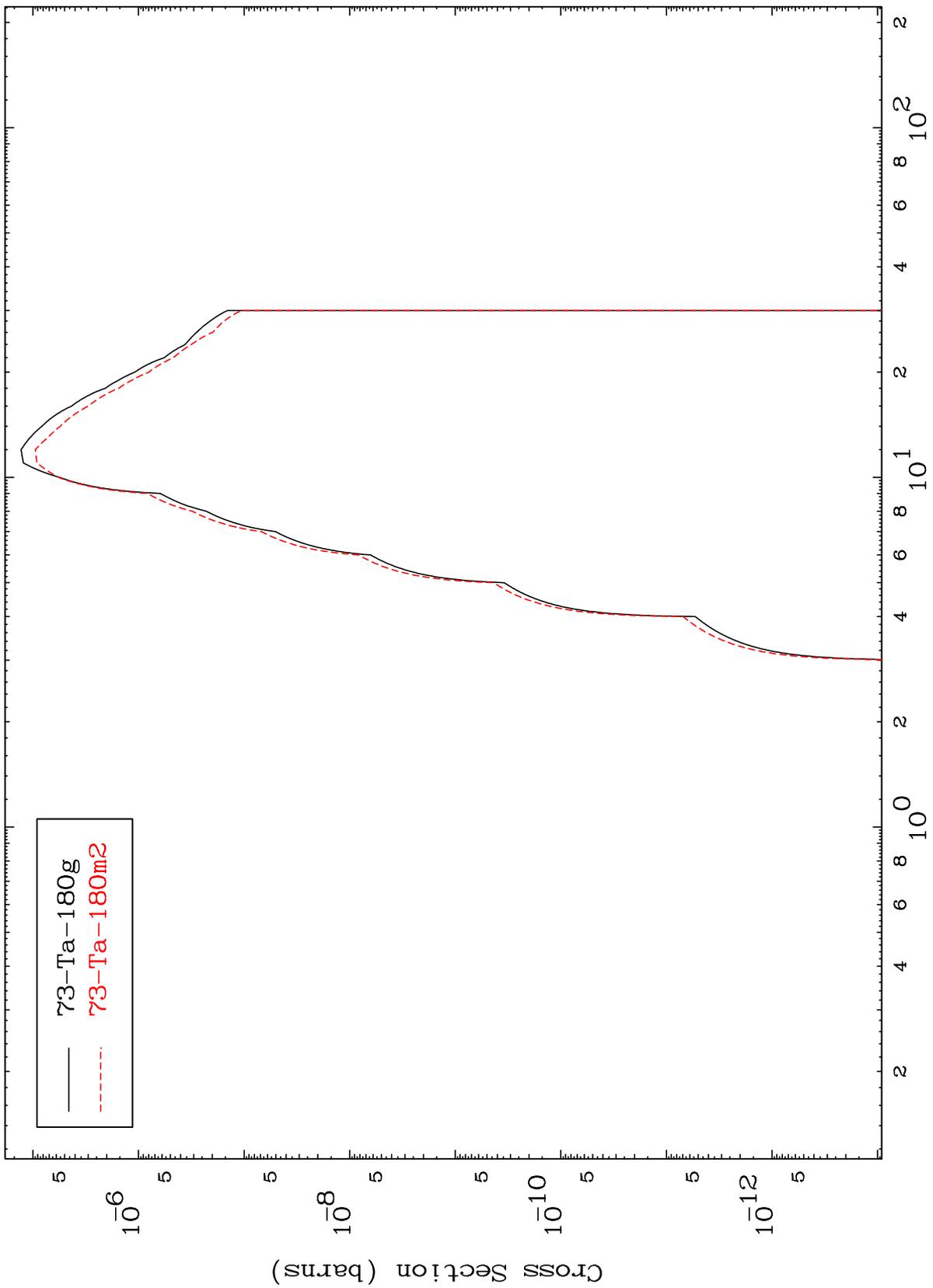
Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178

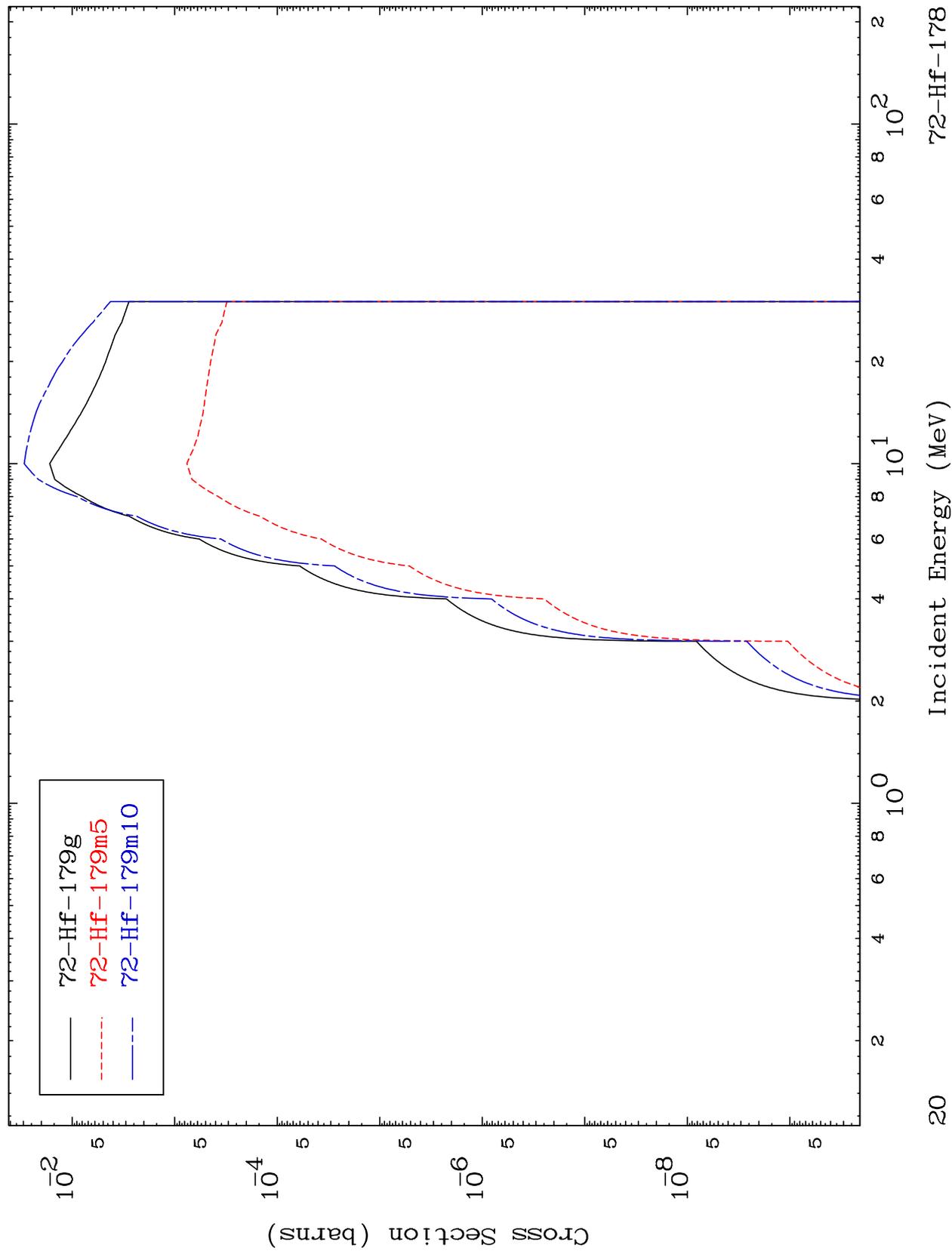
Radionuclide Production Cross Section (d,  $\gamma$ )



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72-Hf-178

(d,p)  
Radionuclide Production Cross Section



20

72-Hf-178

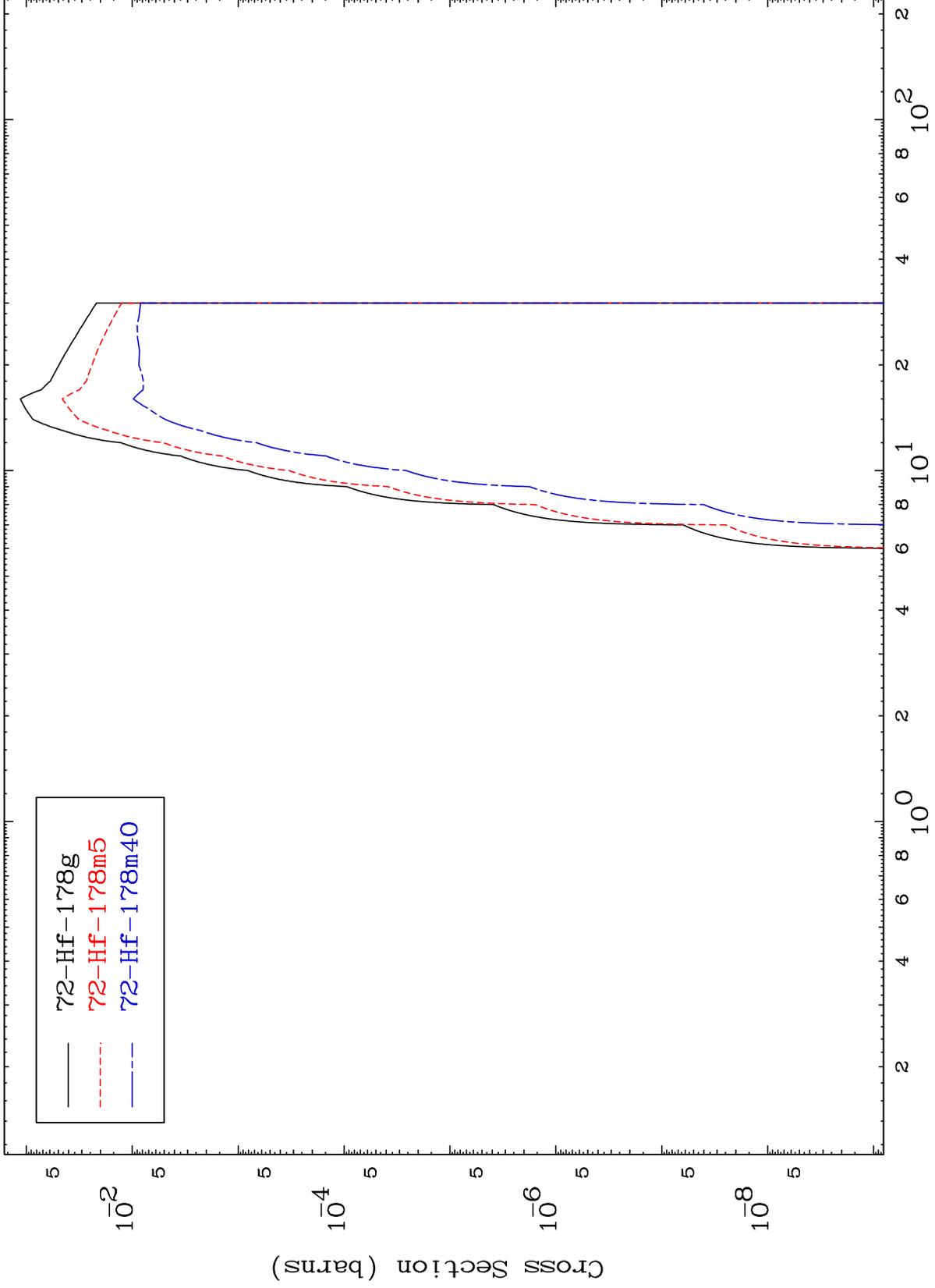
Incident Energy (MeV)

MAT 7239

(d,d)

<sup>72</sup>Hf-178

Radionuclide Production Cross Section

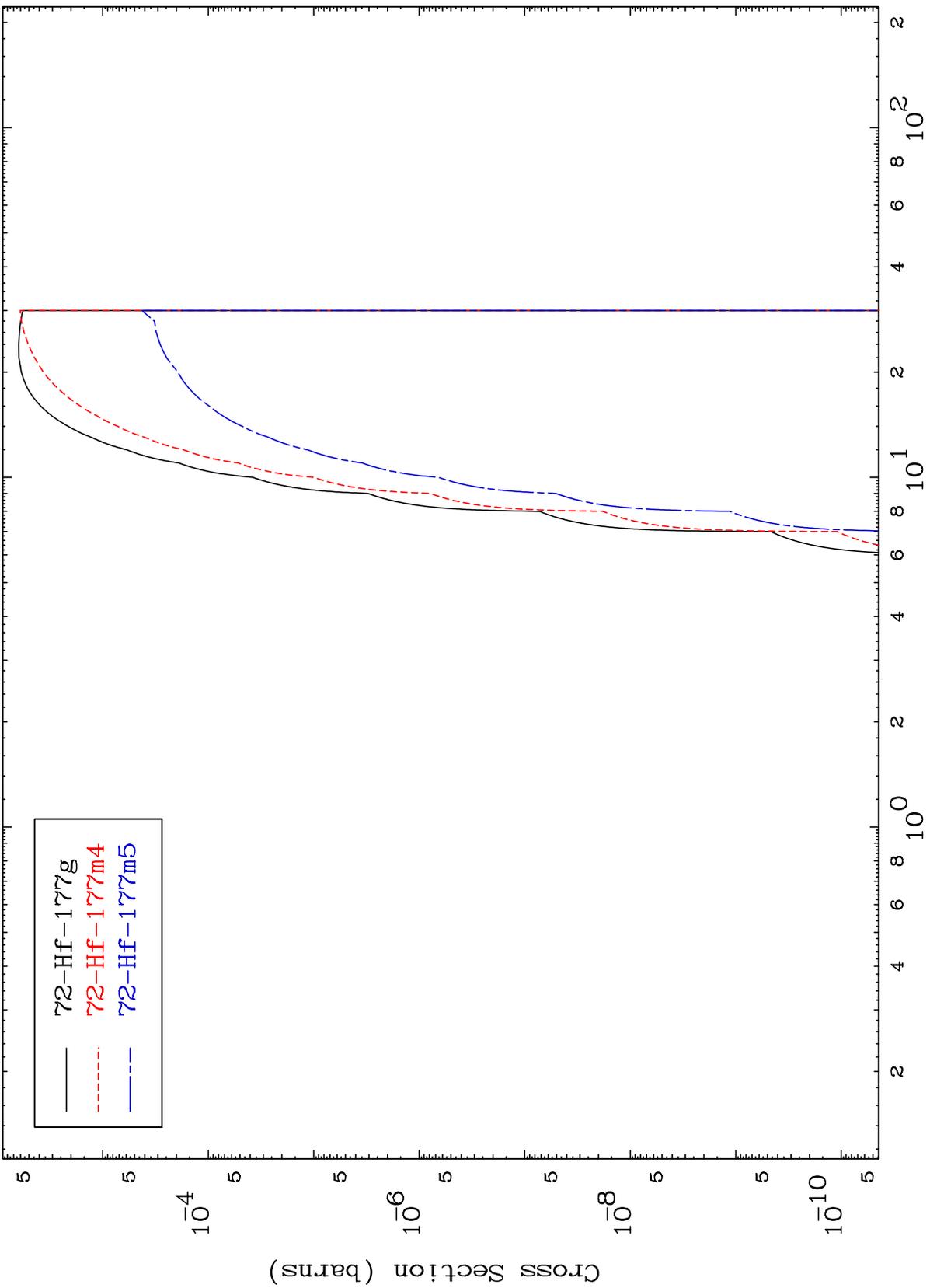


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(d, t)

72-Hf-178

Radionuclide Production Cross Section

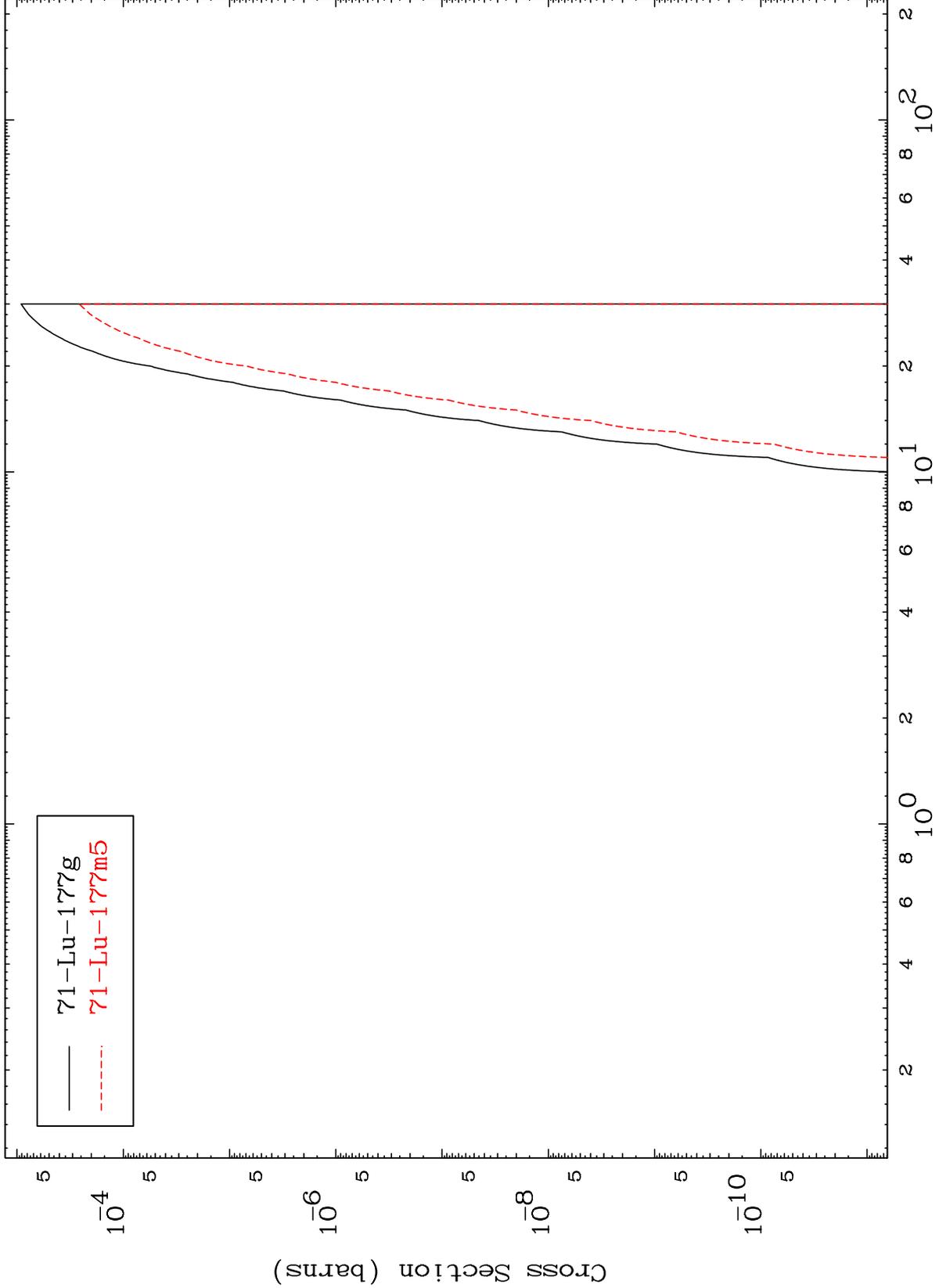


MAT 7239

(d,He-3)

72-Hf-178

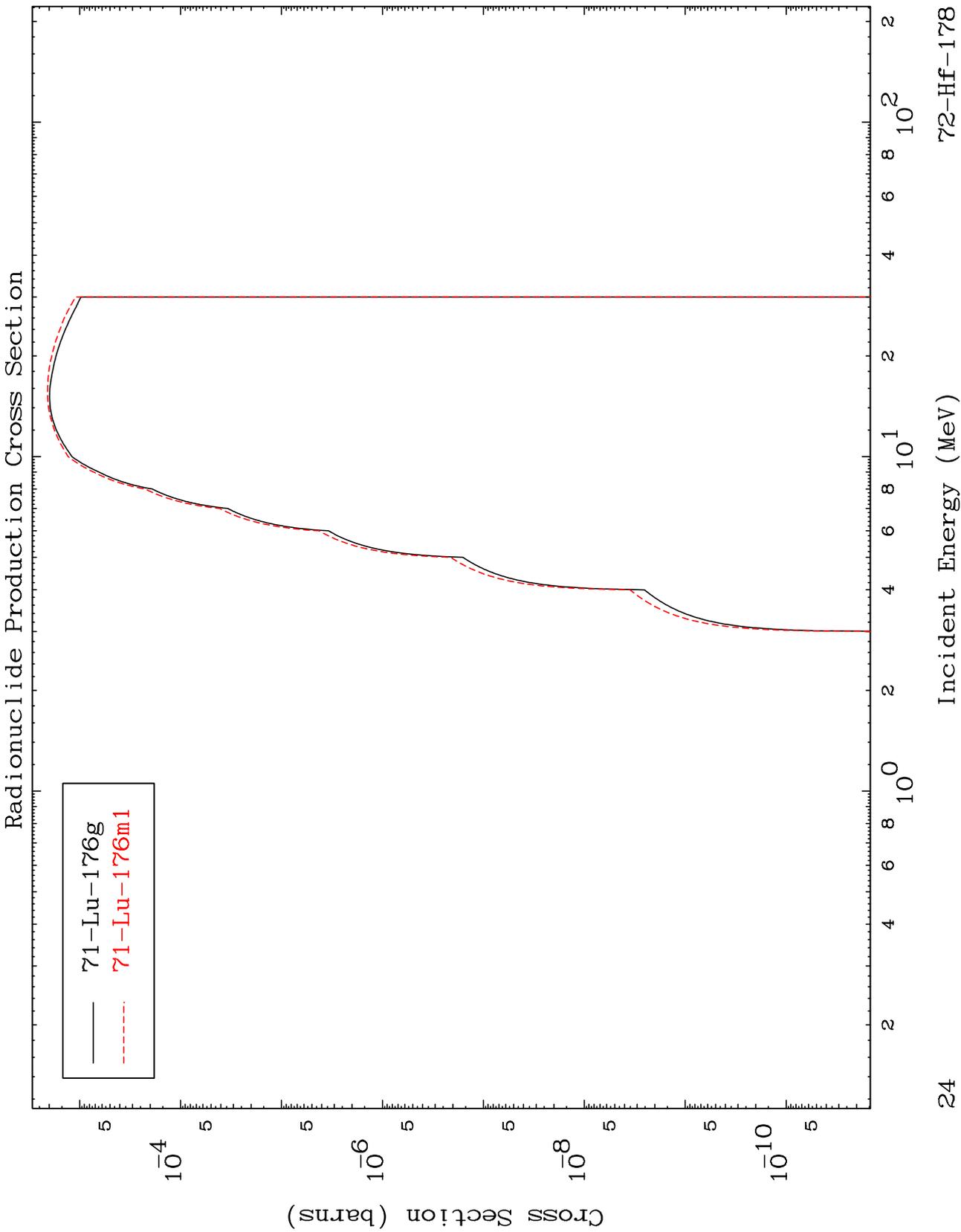
Radionuclide Production Cross Section



— 71-Lu-177g  
- - - 71-Lu-177m5

MAT 7239

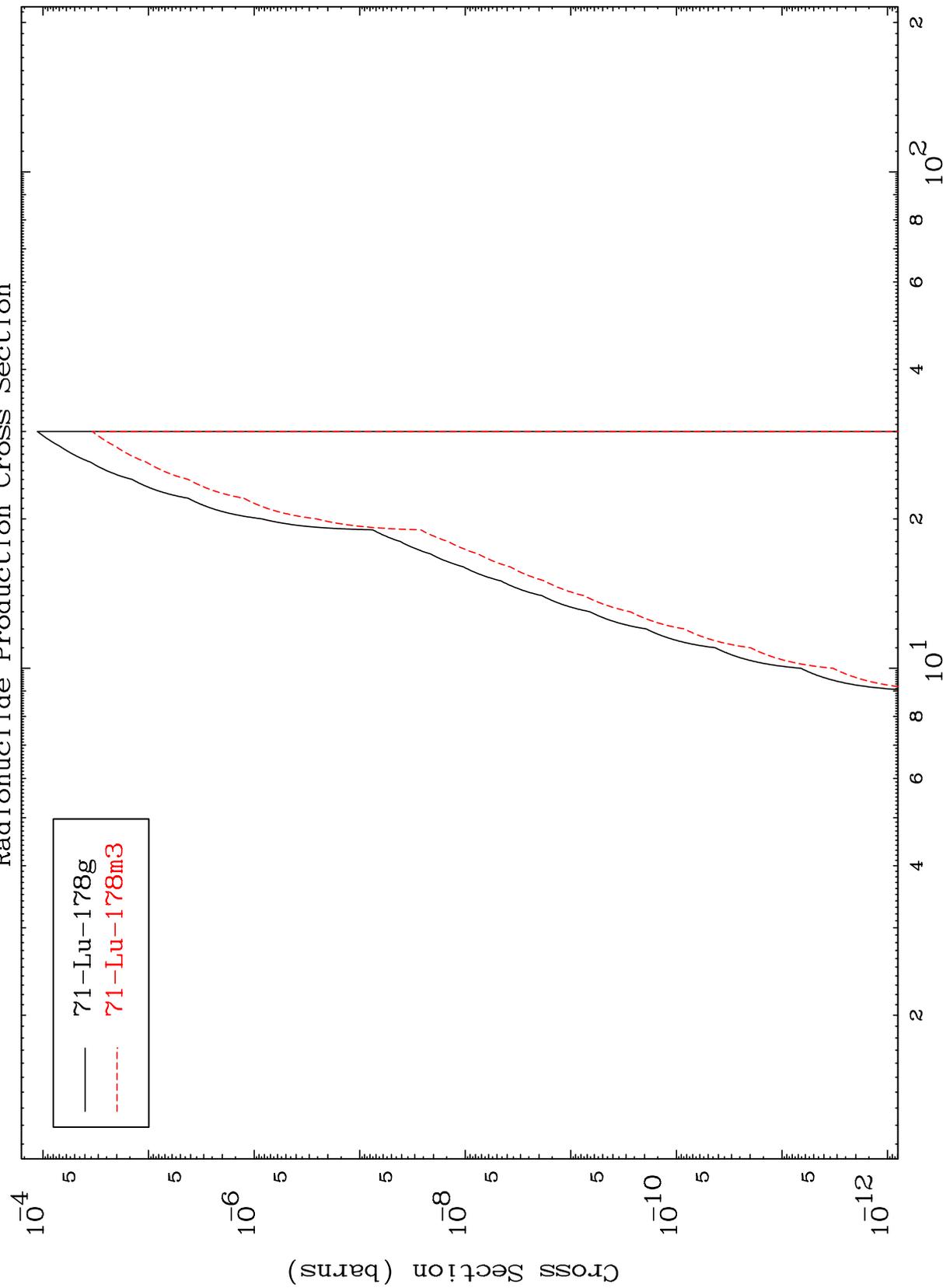
72-Hf-178



MAT 7239

72-Hf-178

(d,2p)  
Radionuclide Production Cross Section

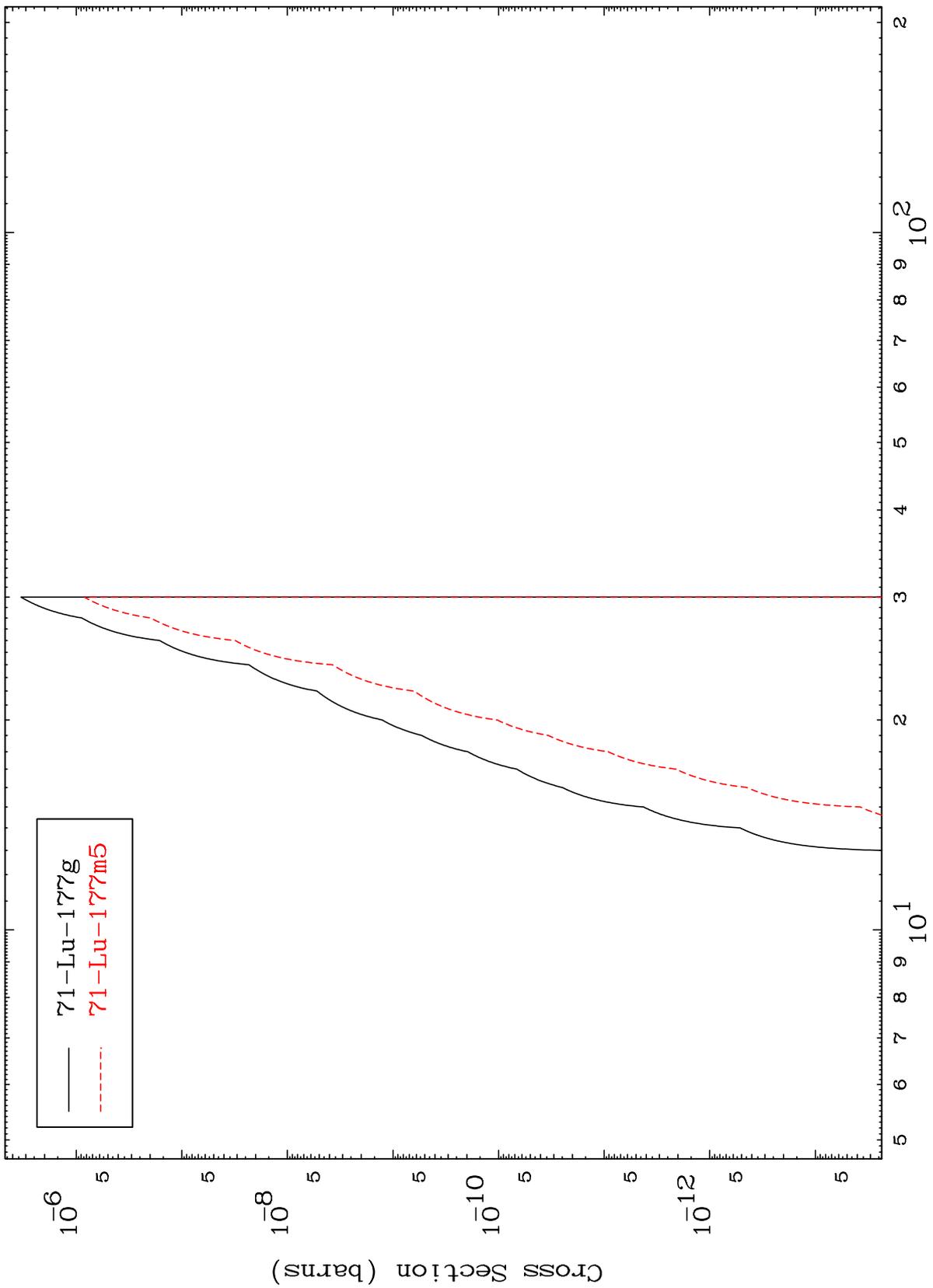


MAT 7239

(d,p) d

72-Hf-178

Radionuclide Production Cross Section



26

Incident Energy (MeV)

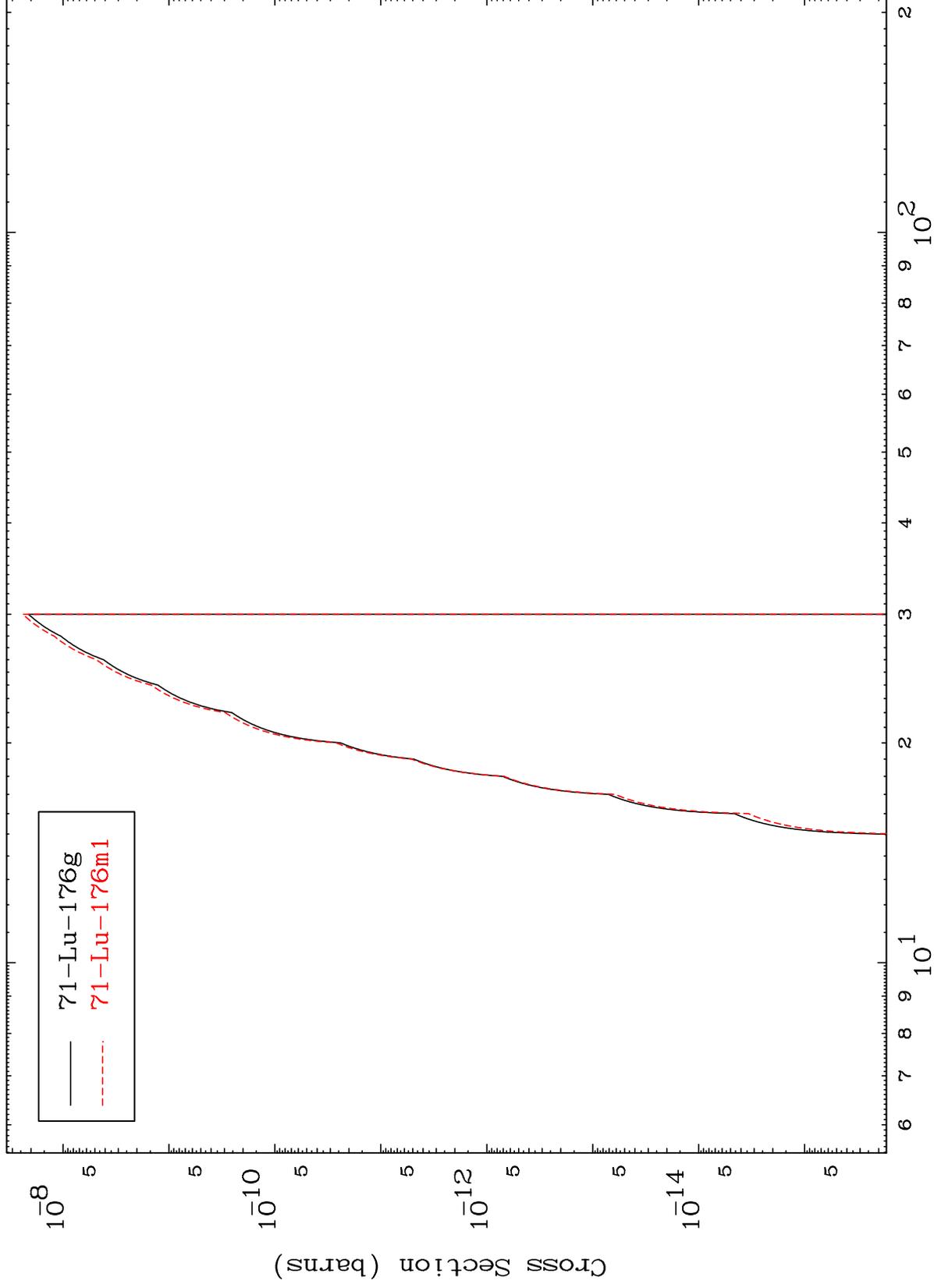
72-Hf-178

MAT 7239

(d,p) t

72-Hf-178

Radionuclide Production Cross Section



27

Incident Energy (MeV)

72-Hf-178