

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

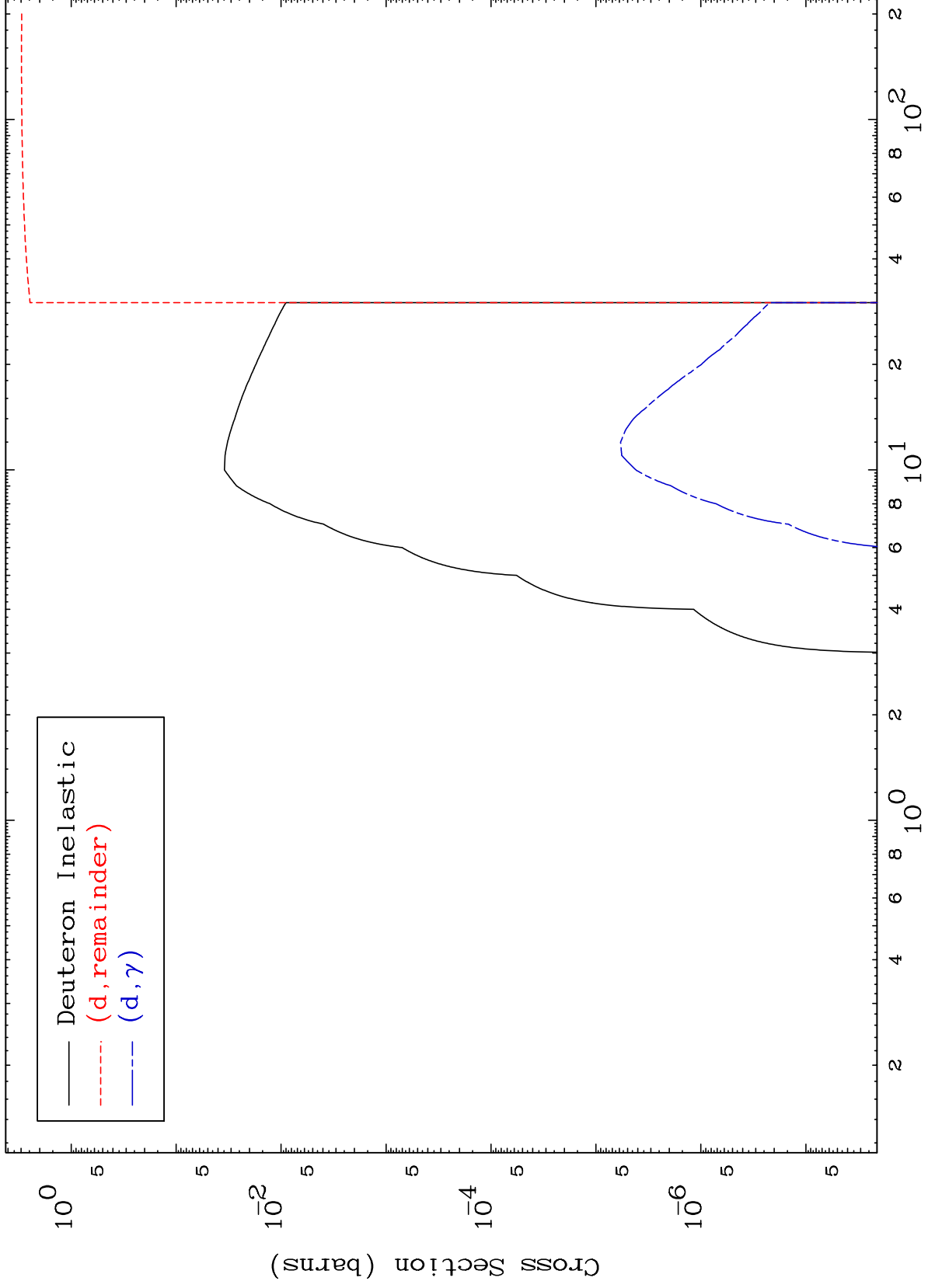
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

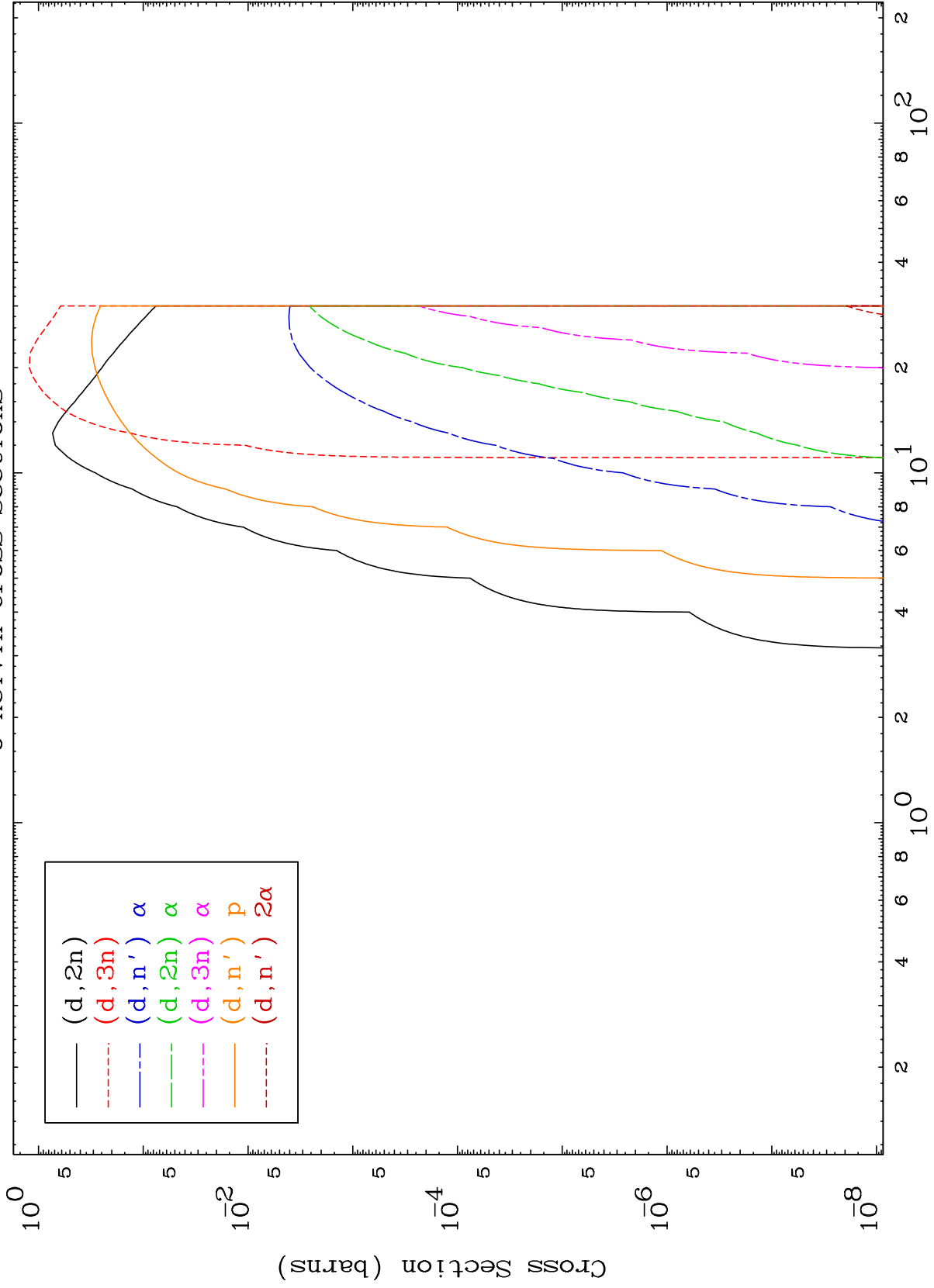
Tele: 925-443-1911

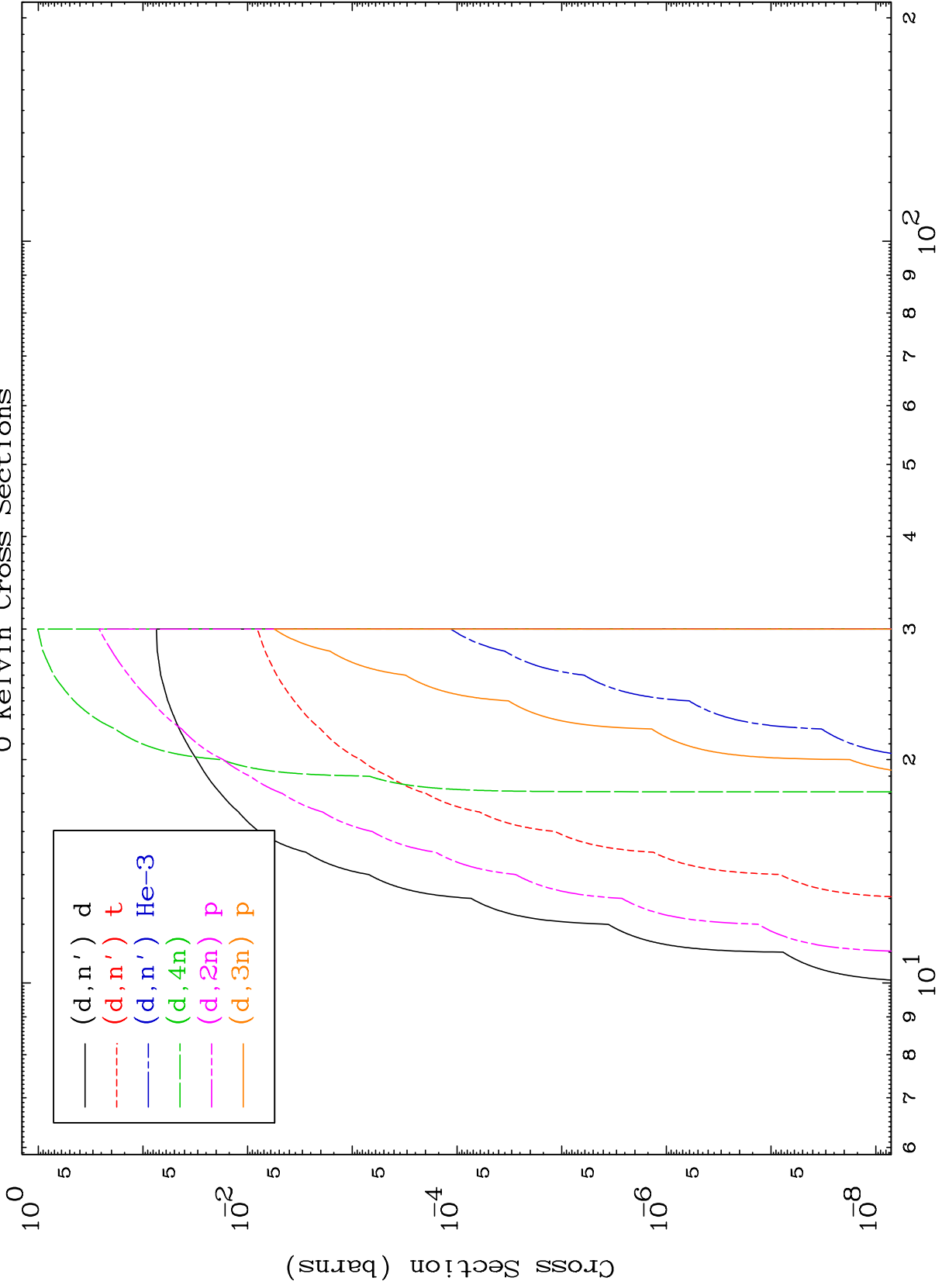
E.Mail:redcullen1@comcast.net

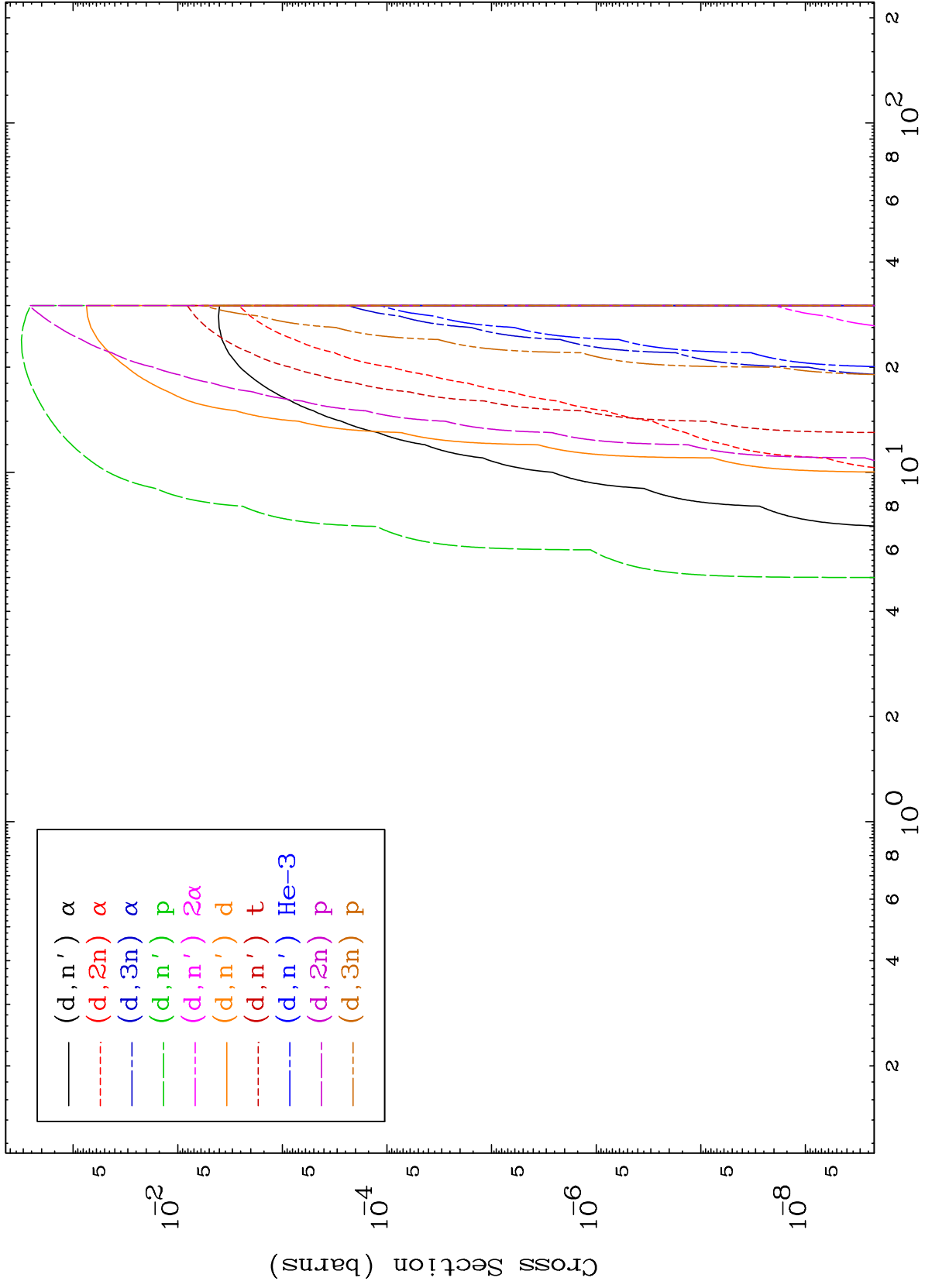
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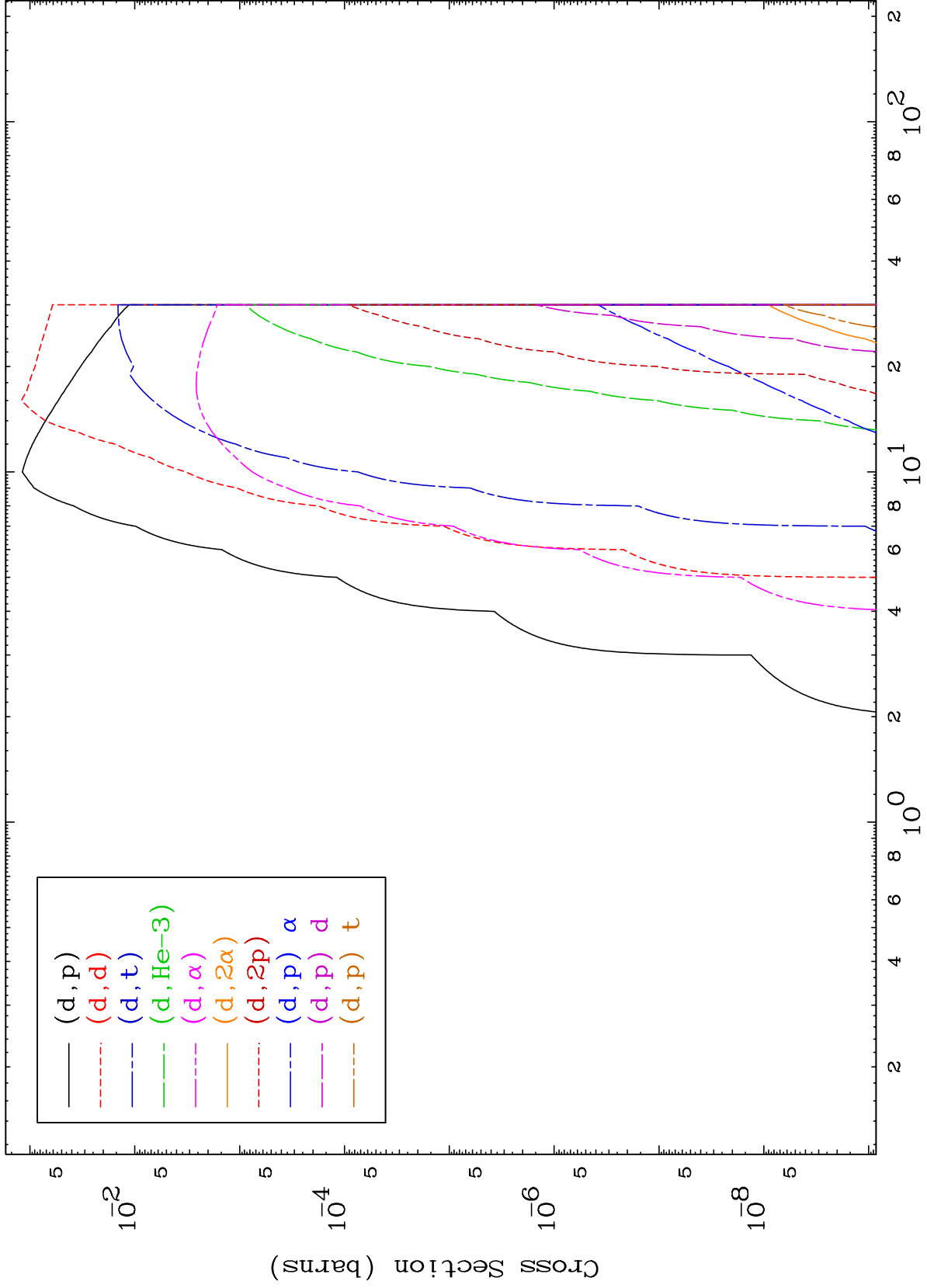
Press Mouse Button to Start









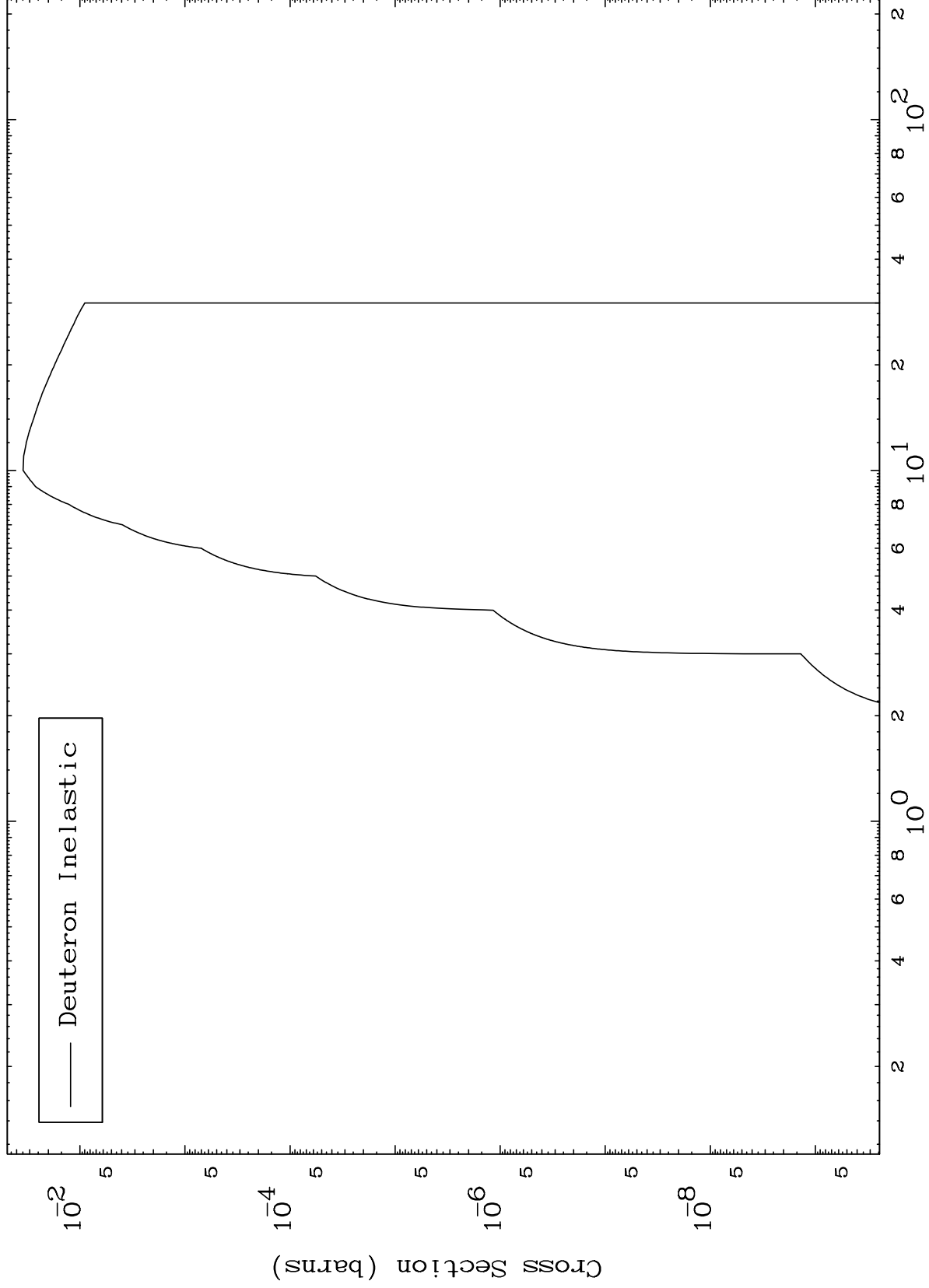


MAT 7240

(d,n') Level

72-Hf-179

0 Kelvin Cross Sections



6

Incident Energy (MeV)

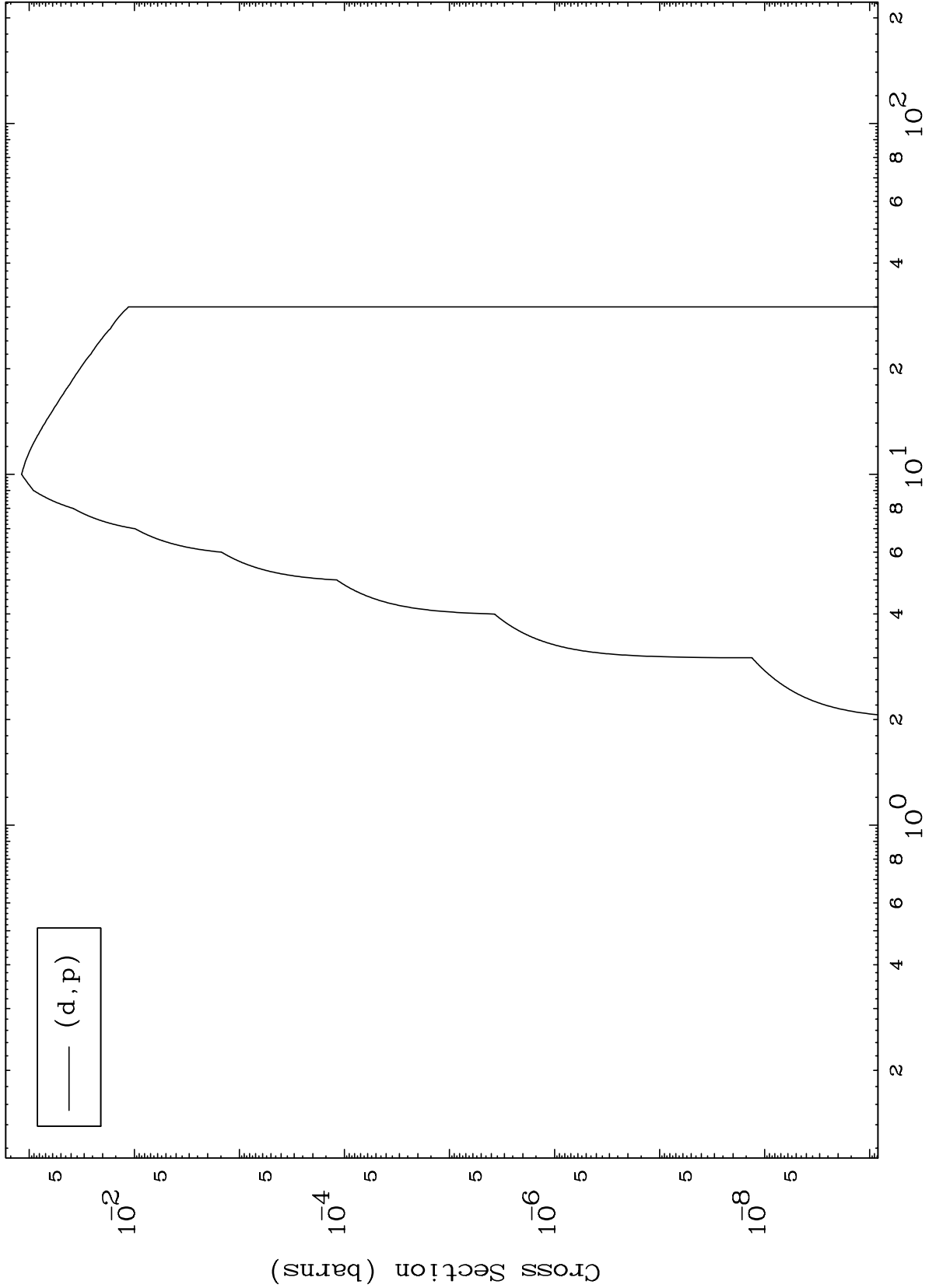
72-Hf-179

MAT 7240

(d,p) Levels

72-Hf-179

0 Kelvin Cross Sections

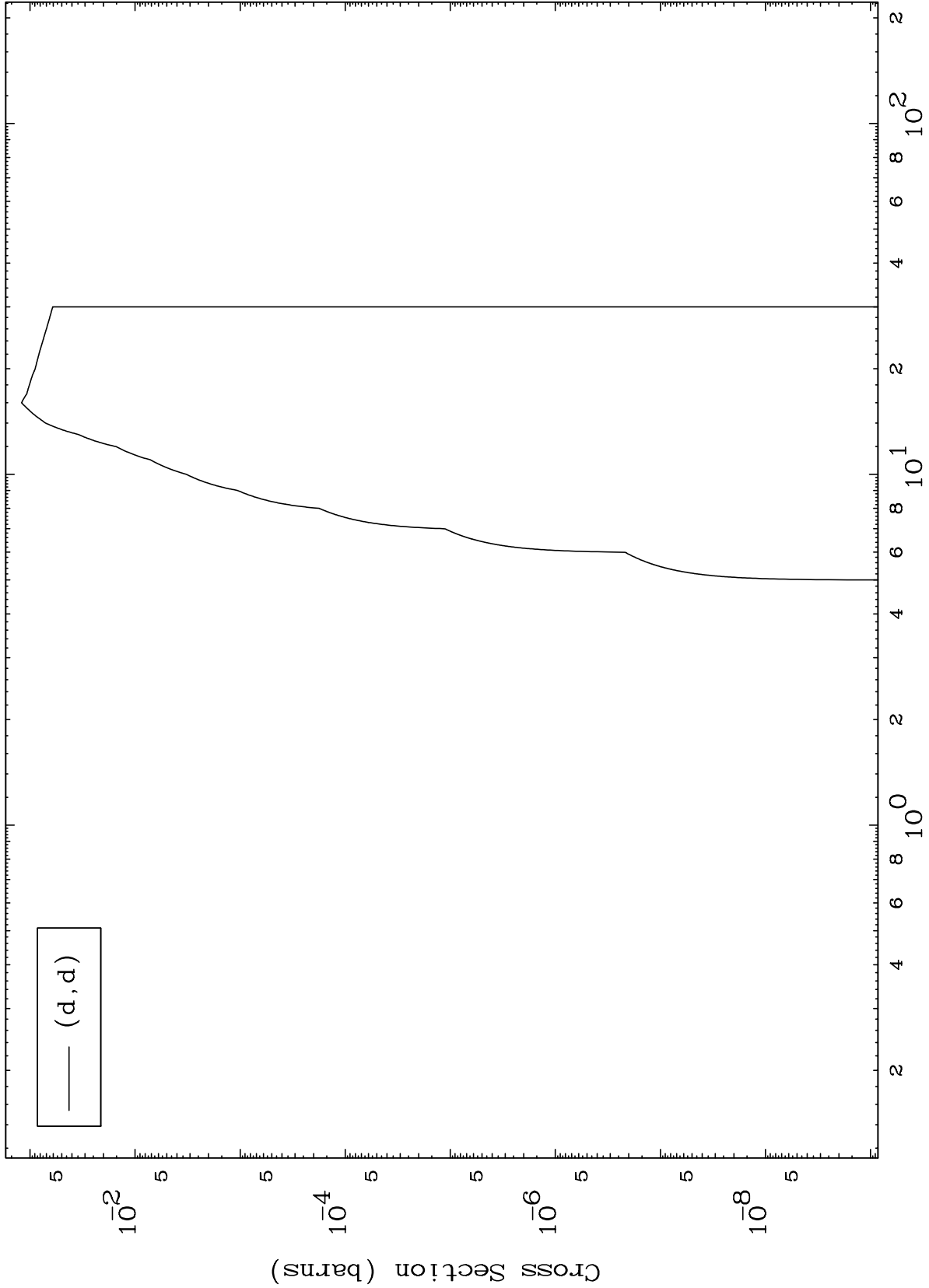


MAT 7240

(d,d) Levels

72-Hf-179

0 Kelvin Cross Sections

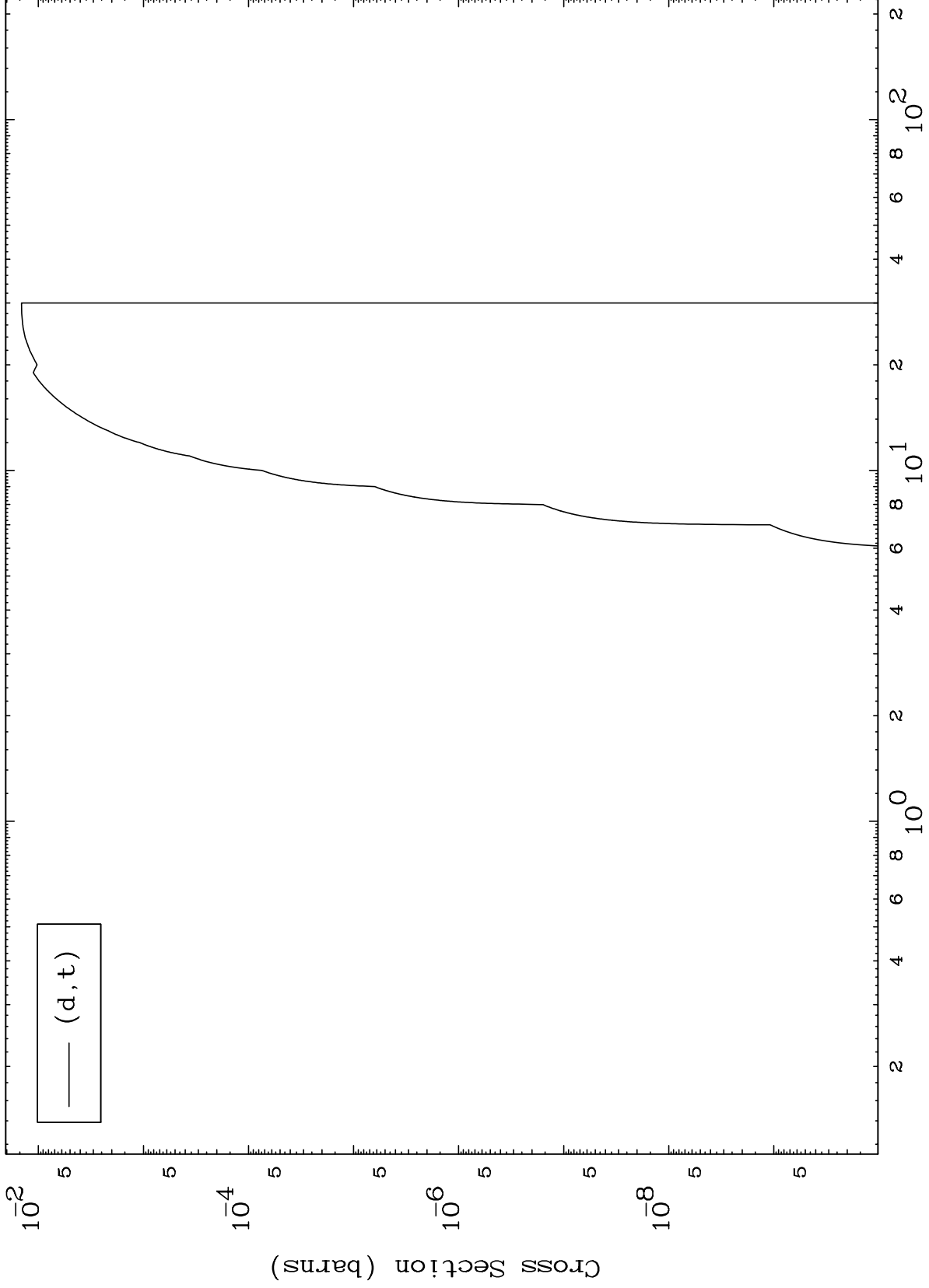


MAT 7240

(d,t) Levels

72-Hf-179

0 Kelvin Cross Sections

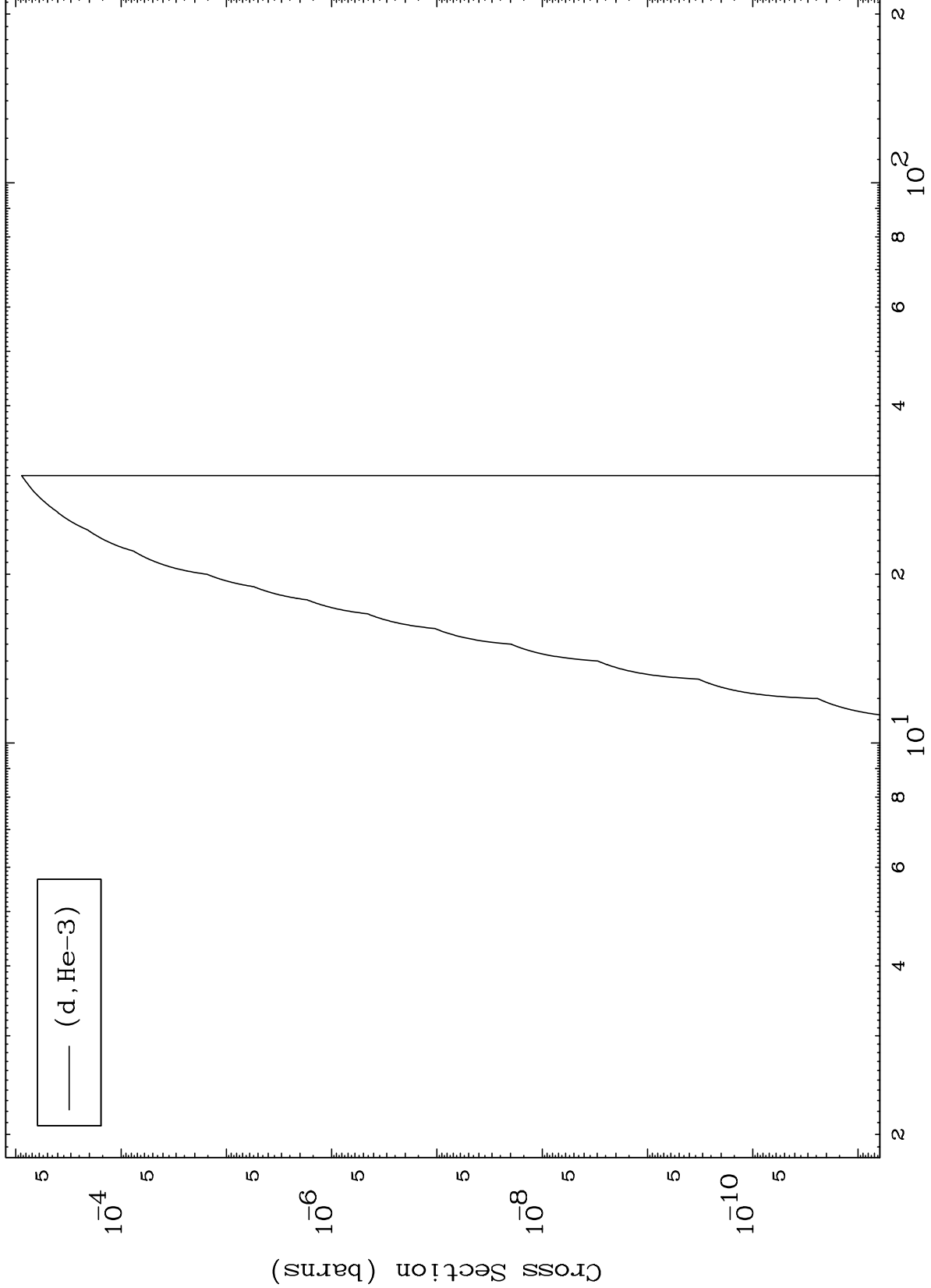


MAT 7240

(d,He3) Levels

72-Hf-179

0 Kelvin Cross Sections



10

Incident Energy (MeV)

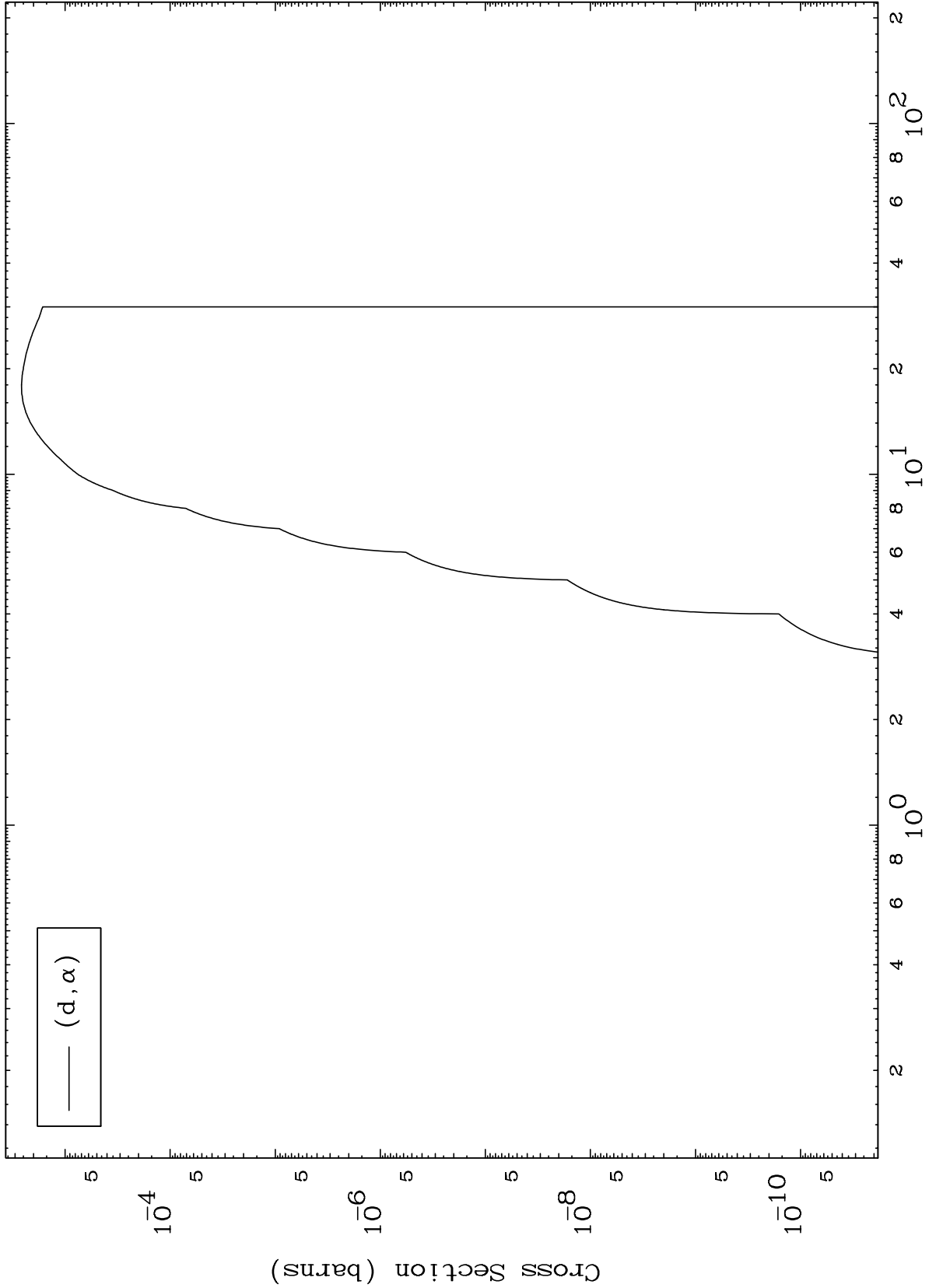
72-Hf-179

MAT 7240

(d, α) Levels

72-Hf-179

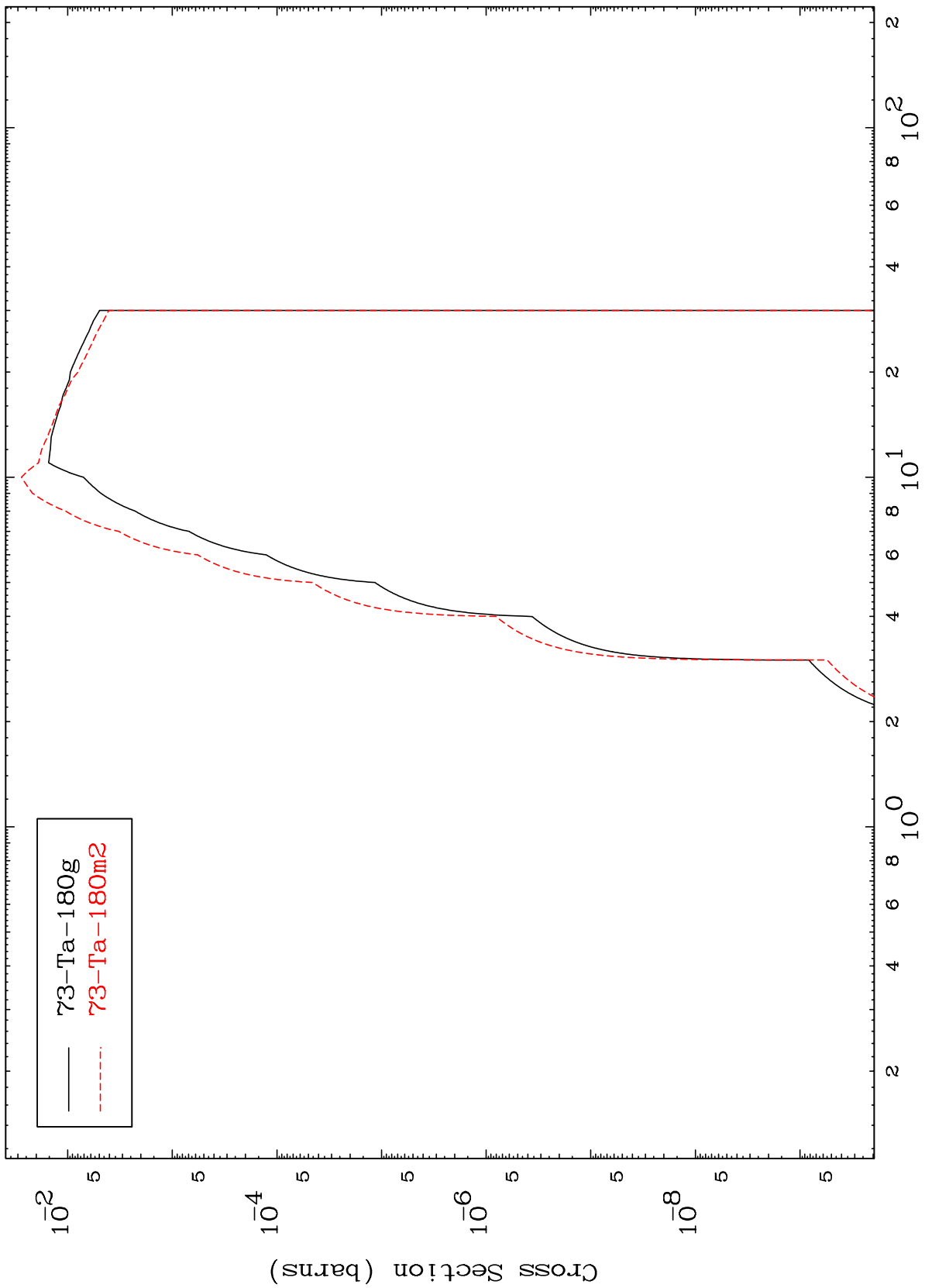
0 Kelvin Cross Sections



MAT 7240

Radionuclide Production Cross Section
Deuteron Inelastic

72-Hf-179



73-Ta-180g
73-Ta-180m2

12

Incident Energy (MeV)

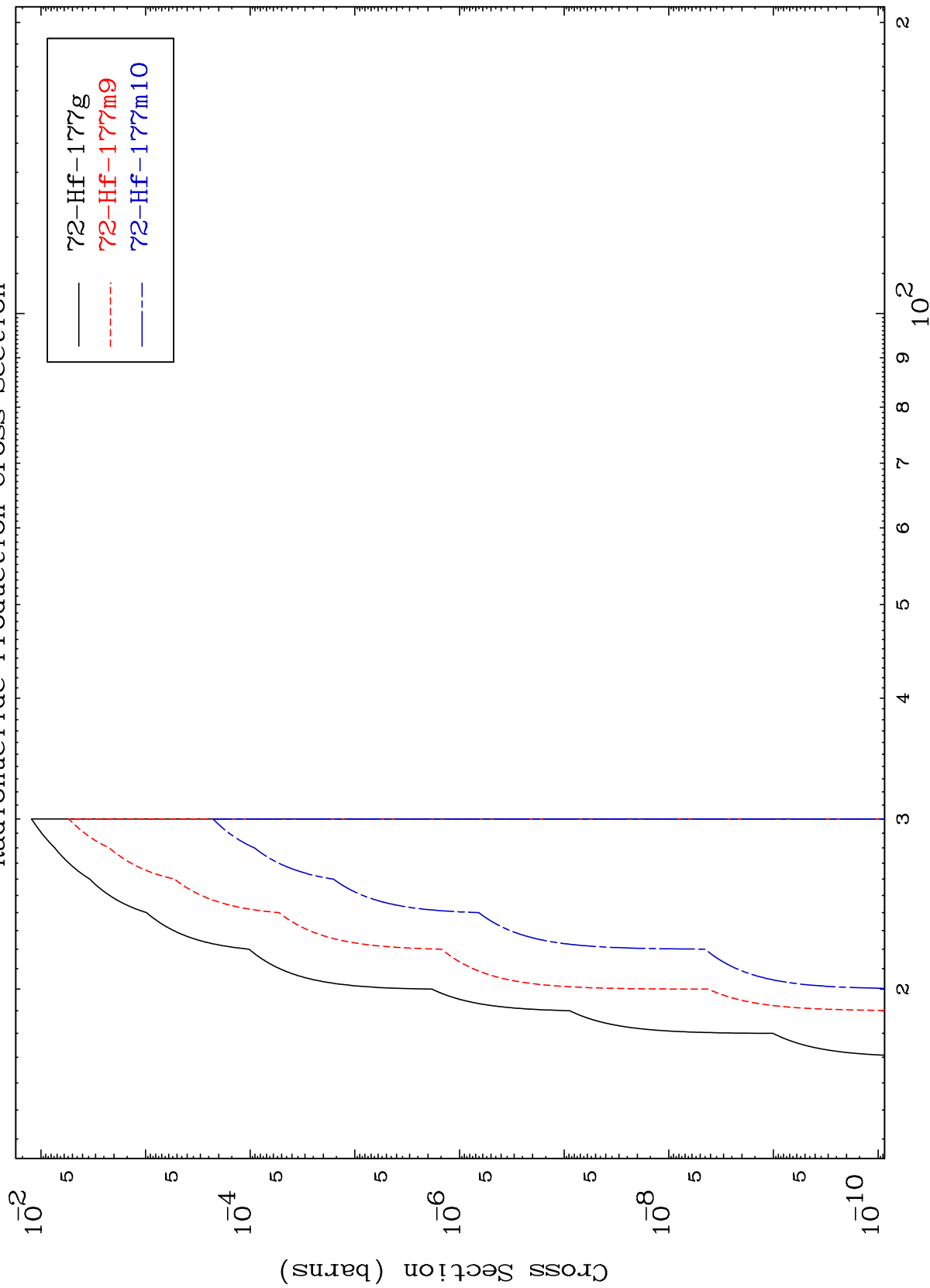
72-Hf-179

MAT 7240

(d,2n) d

72-Hf-179

Radionuclide Production Cross Section



13

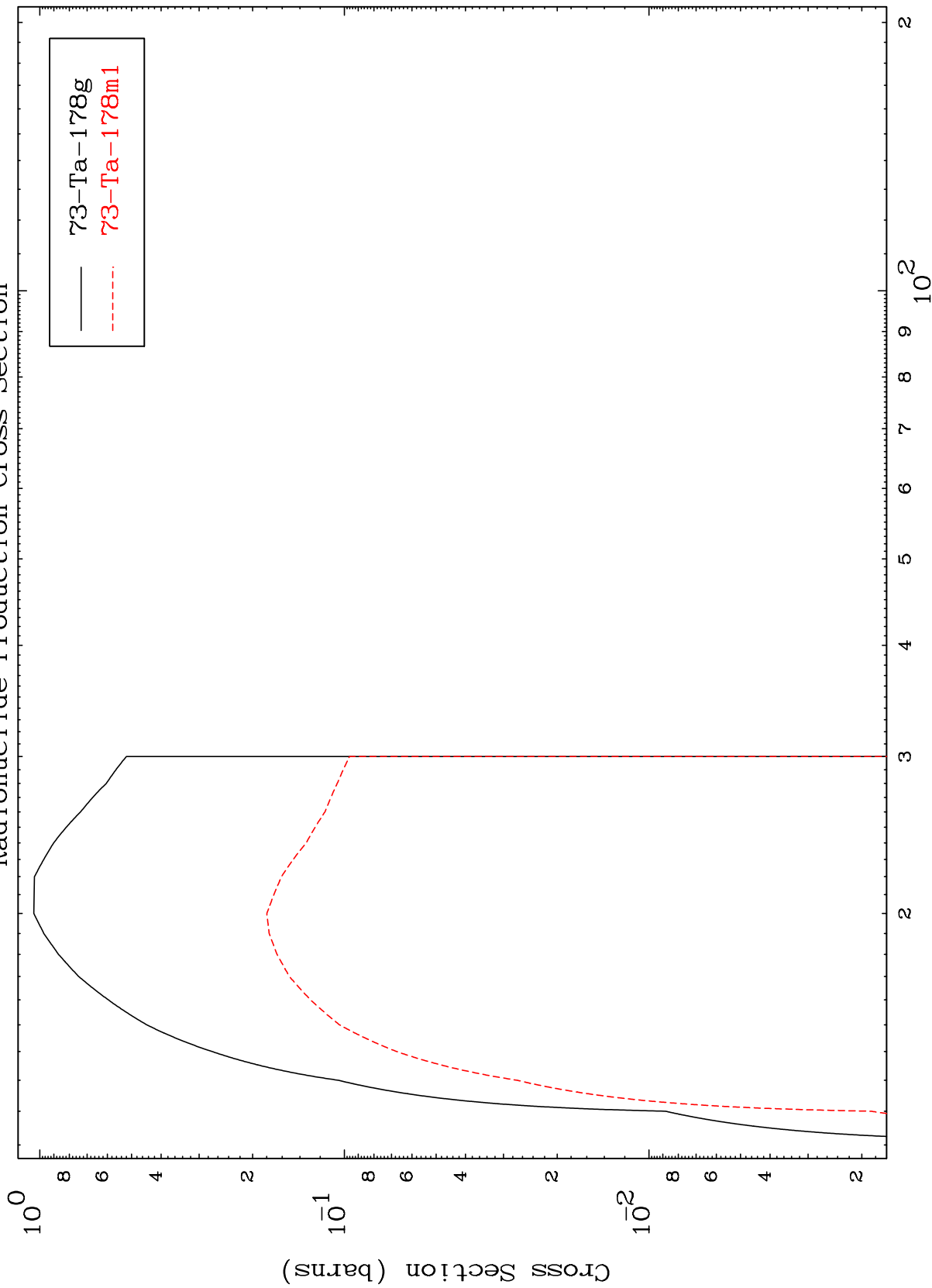
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

(d,3n)
Radionuclide Production Cross Section



— ⁷³Ta-178g
- - - ⁷³Ta-178m1

14

Incident Energy (MeV)

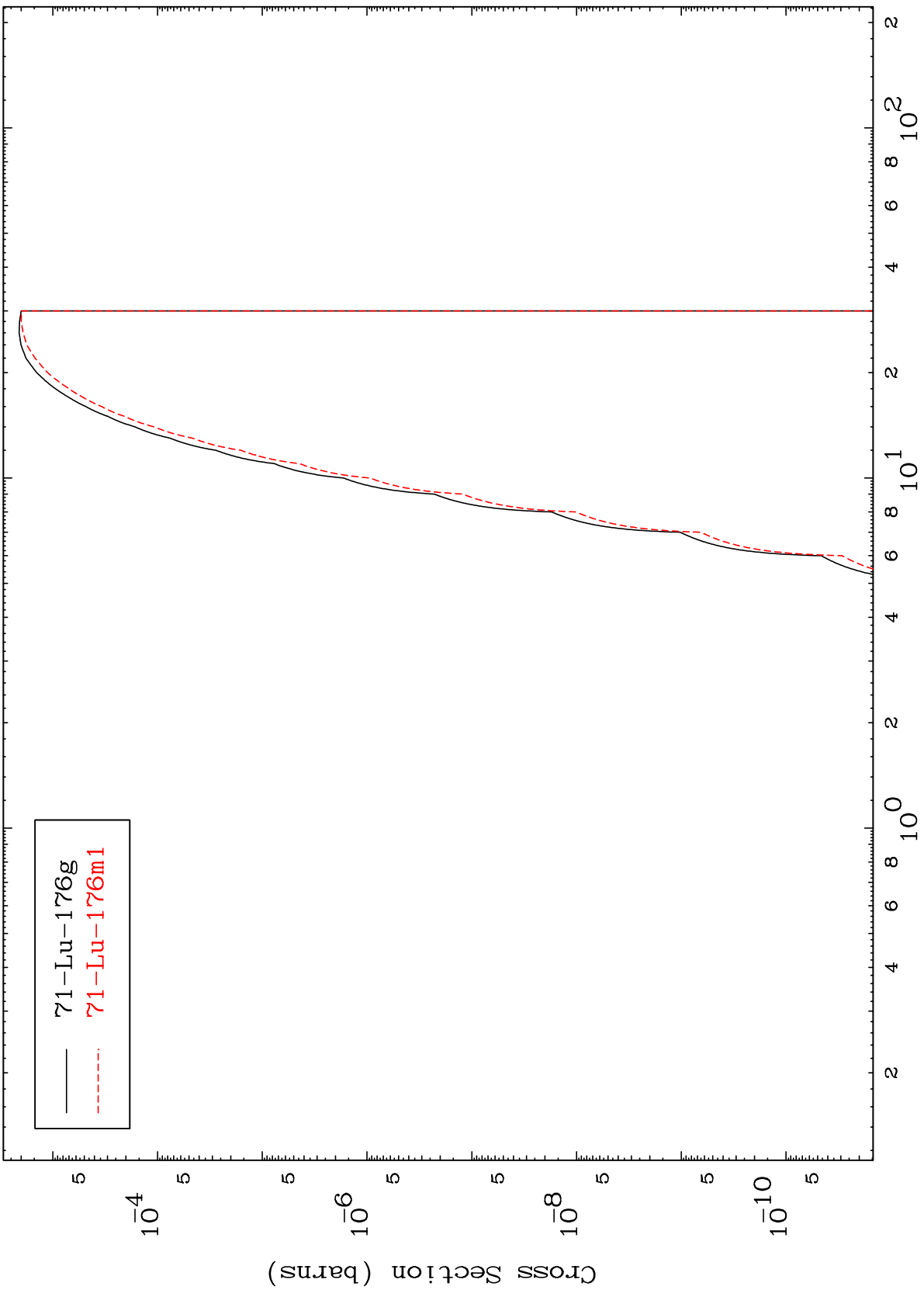
72-Hf-179

MAT 7240

(d,n') α

72-Hf-179

Radionuclide Production Cross Section



15

Incident Energy (MeV)

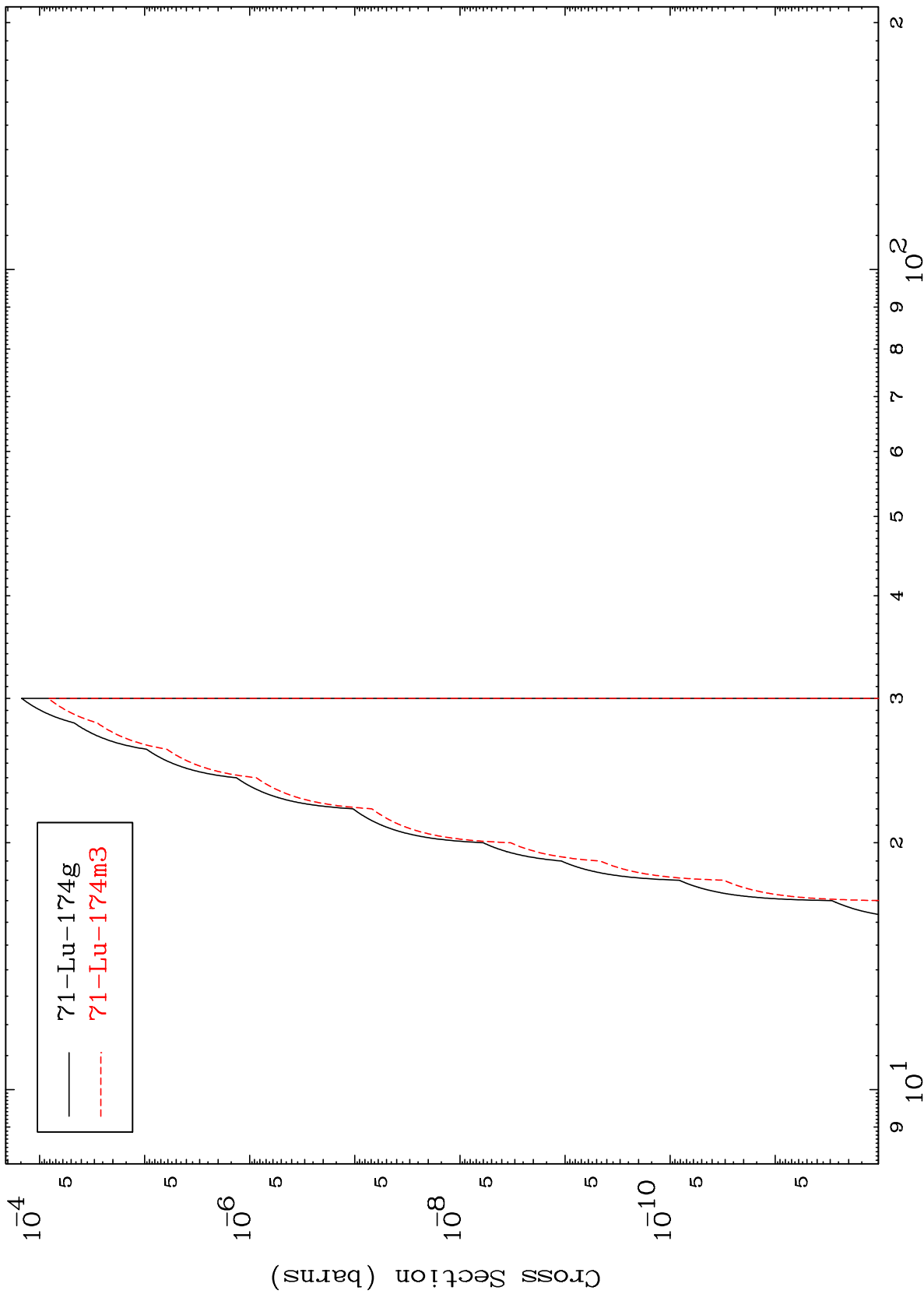
72-Hf-179

MAT 7240

(d,3n) α

72-Hf-179

Radionuclide Production Cross Section



16

Incident Energy (MeV)

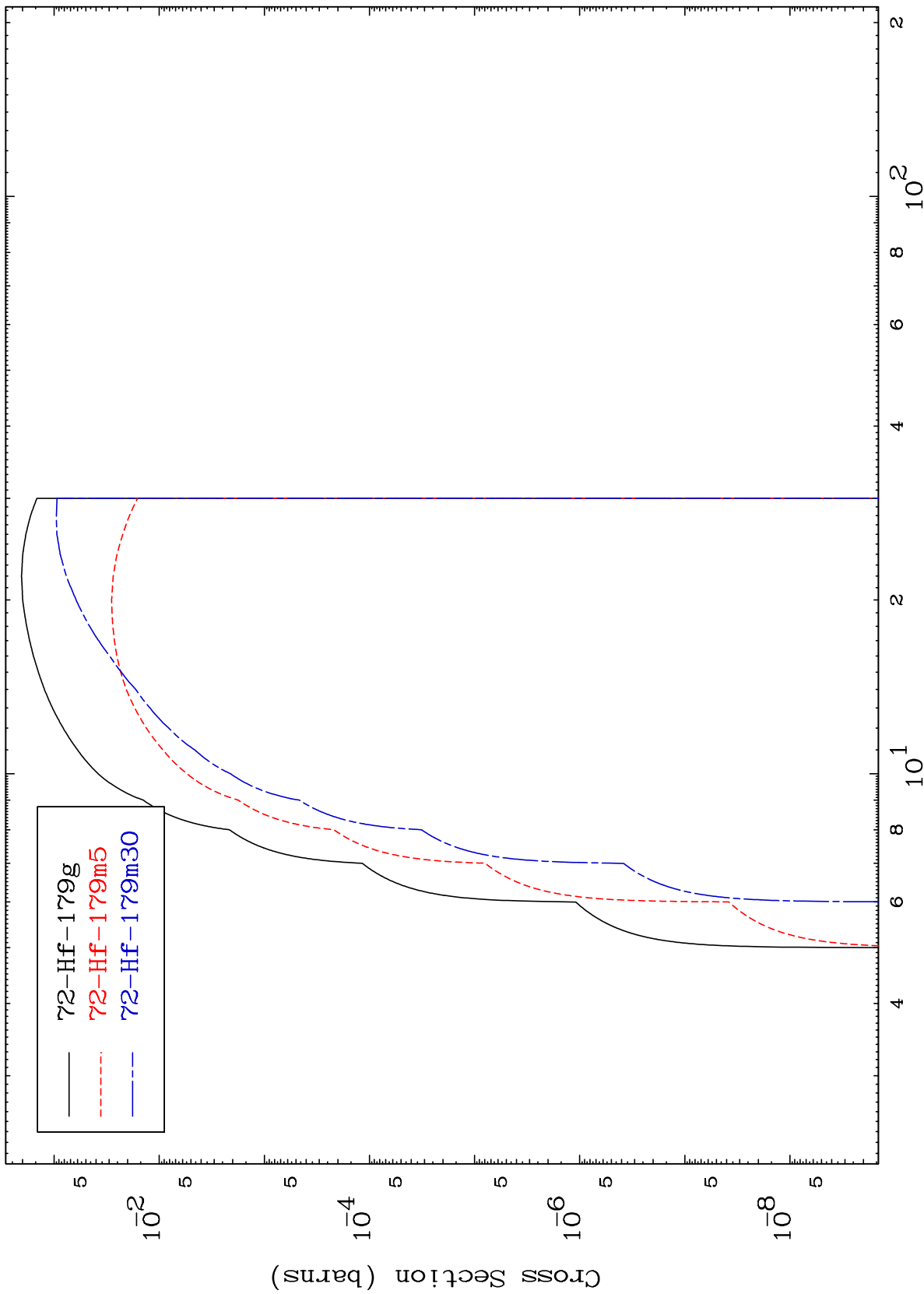
72-Hf-179

MAT 7240

(d,n') p

⁷²Hf-179

Radionuclide Production Cross Section

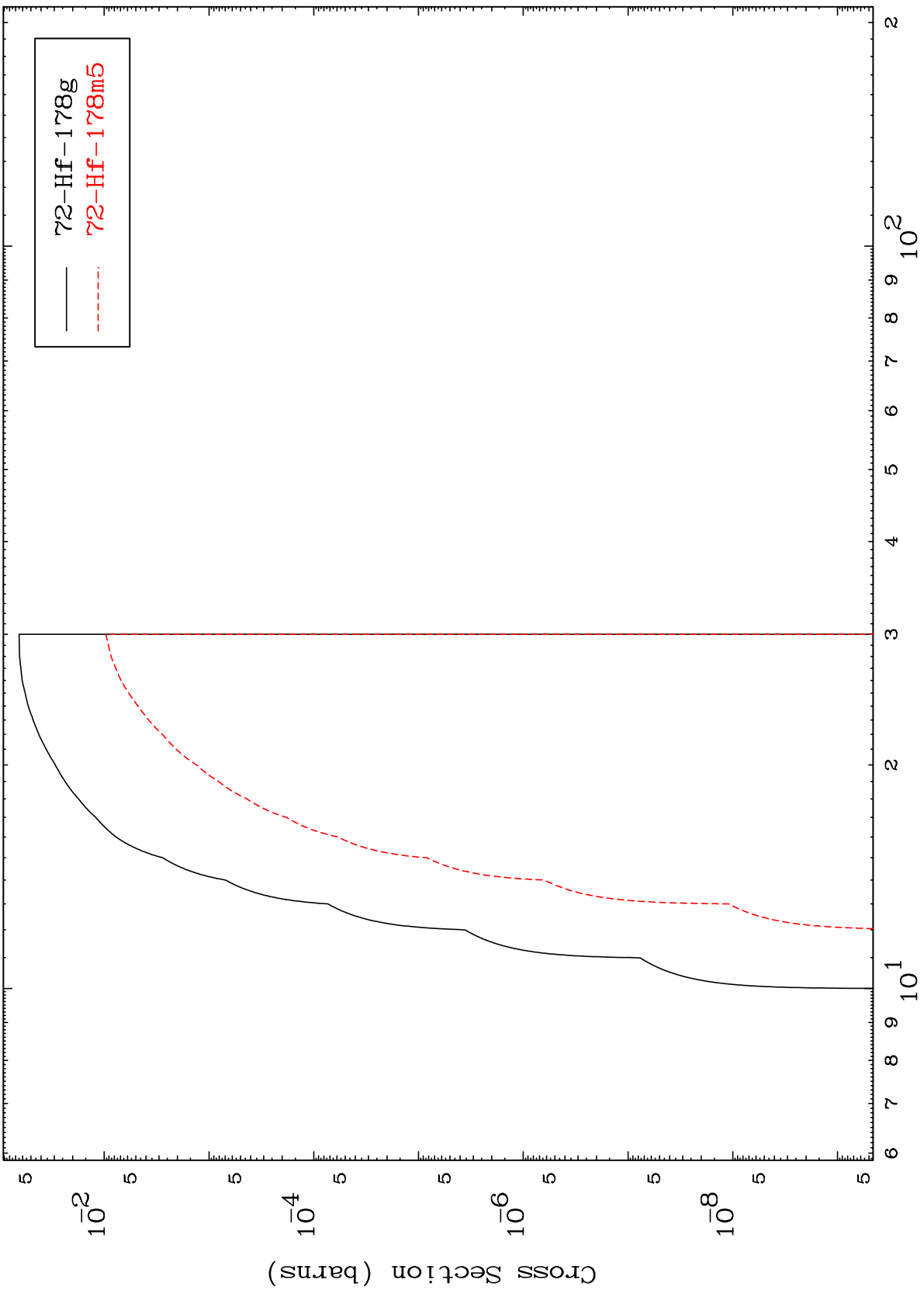


MAT 7240

(d,n') d

72-Hf-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

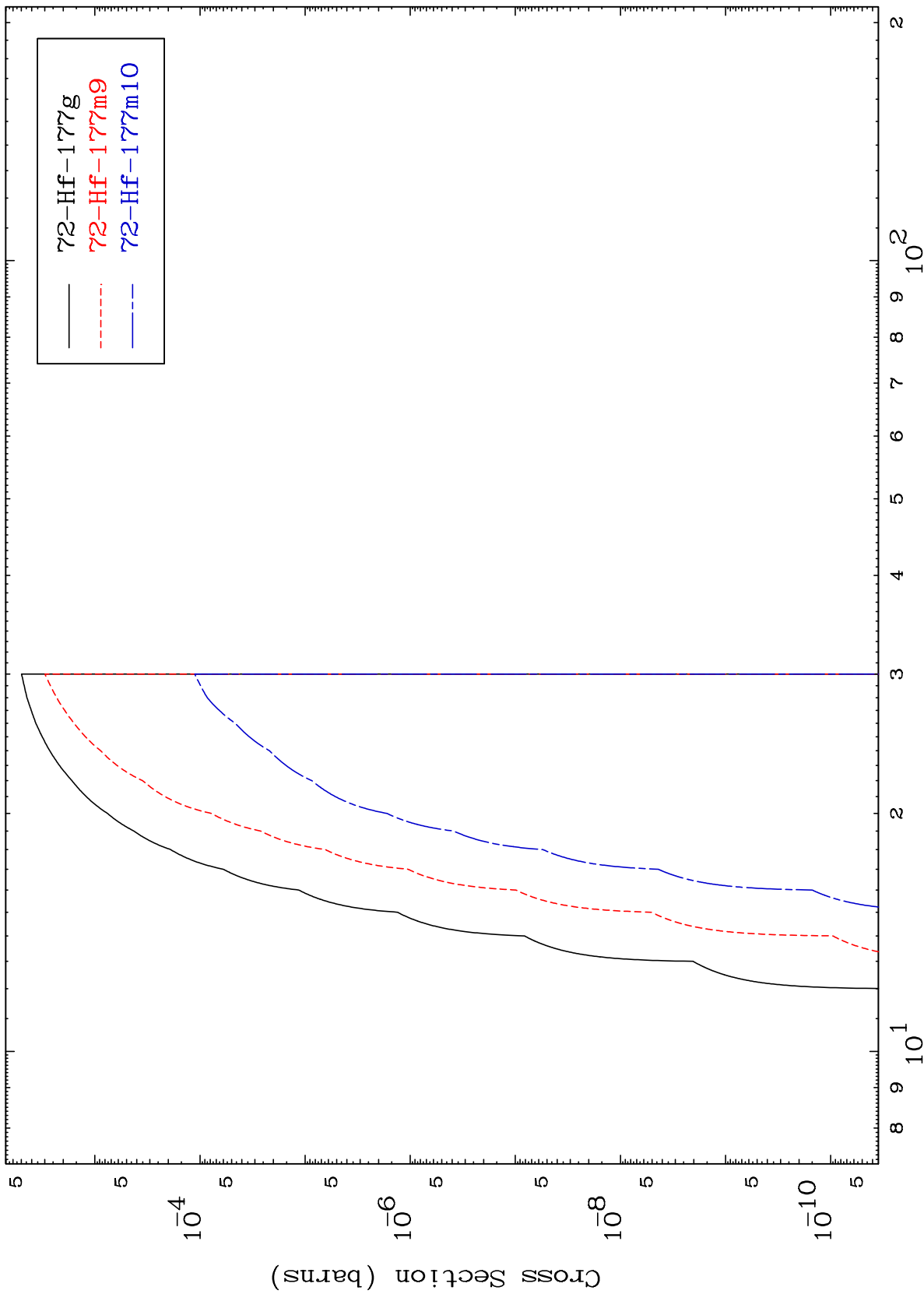
72-Hf-179

MAT 7240

(d,n') t

72-Hf-179

Radionuclide Production Cross Section



19

Incident Energy (MeV)

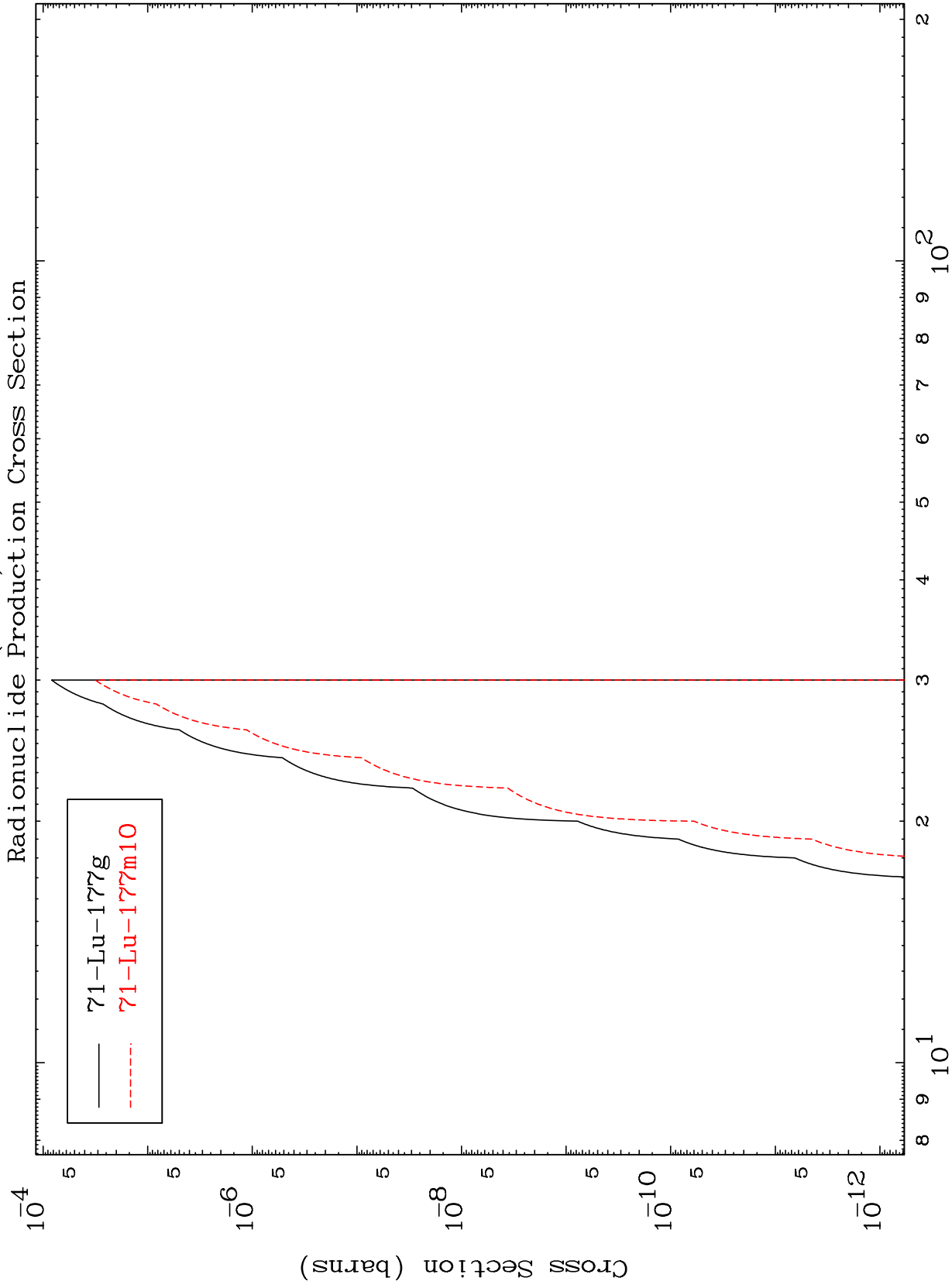
72-Hf-179

MAT 7240

(d,n') He-3

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

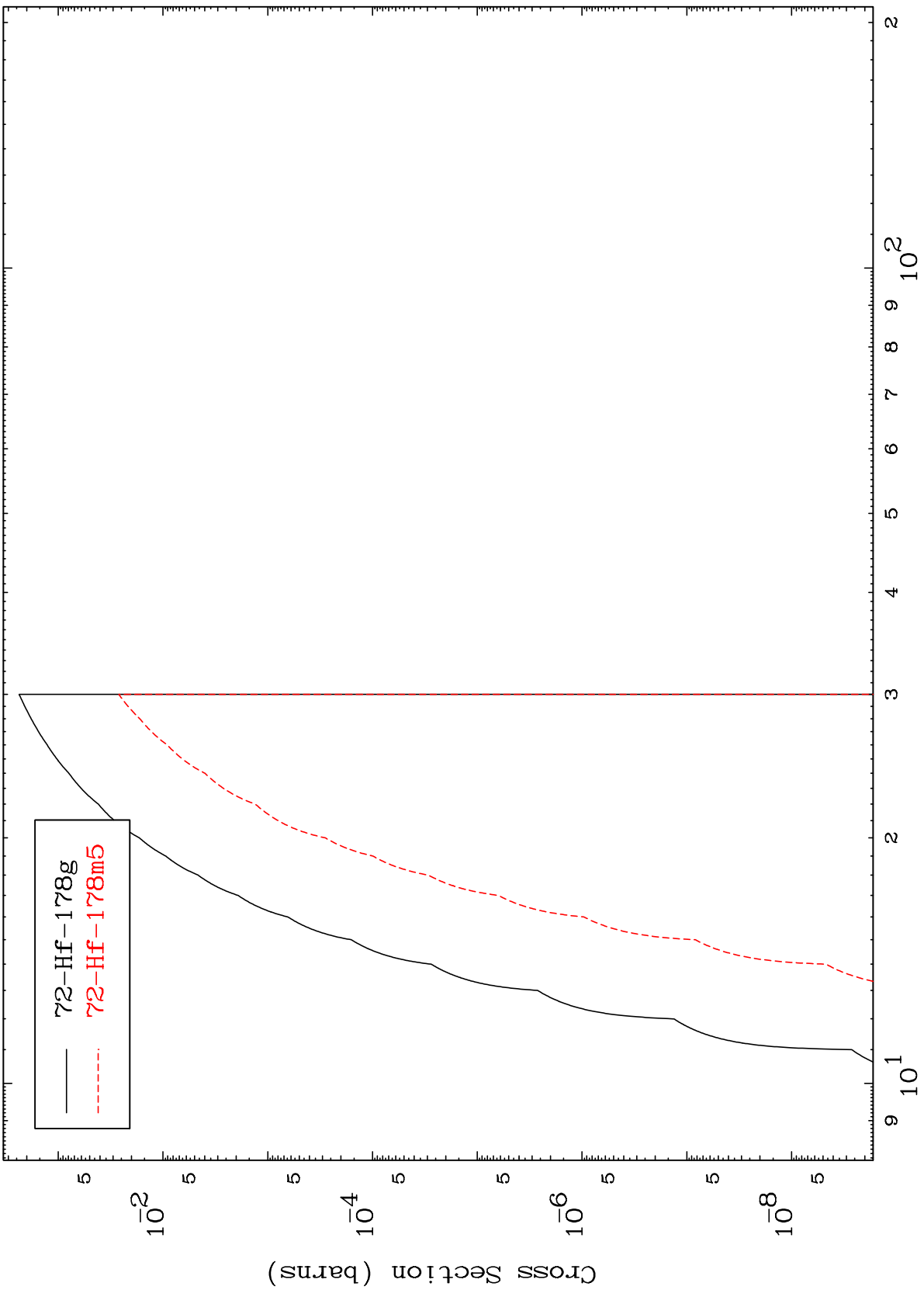
20

MAT 7240

(d,2n) p

72-Hf-179

Radionuclide Production Cross Section

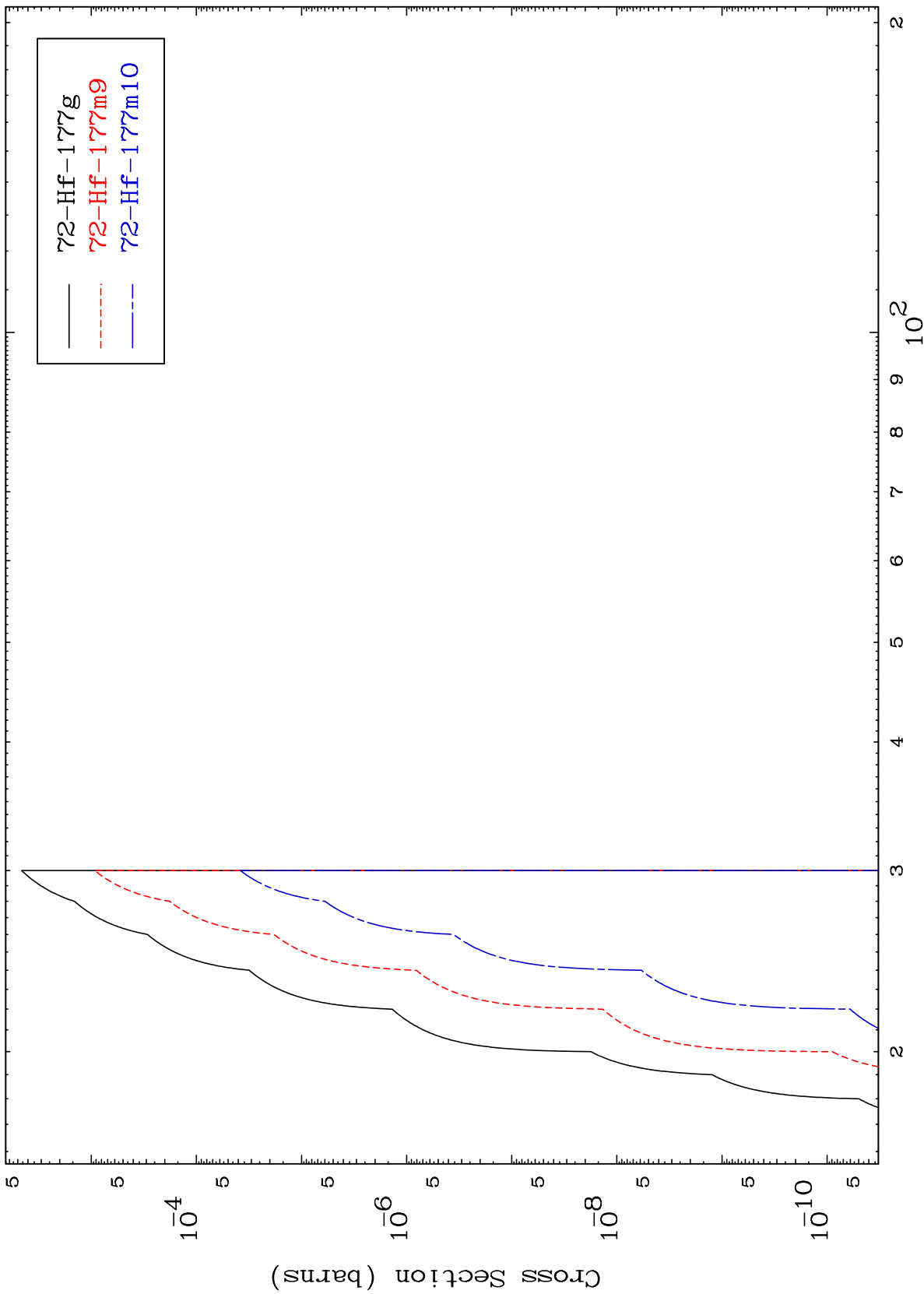


MAT 7240

(d,3n) p

72-Hf-179

Radionuclide Production Cross Section

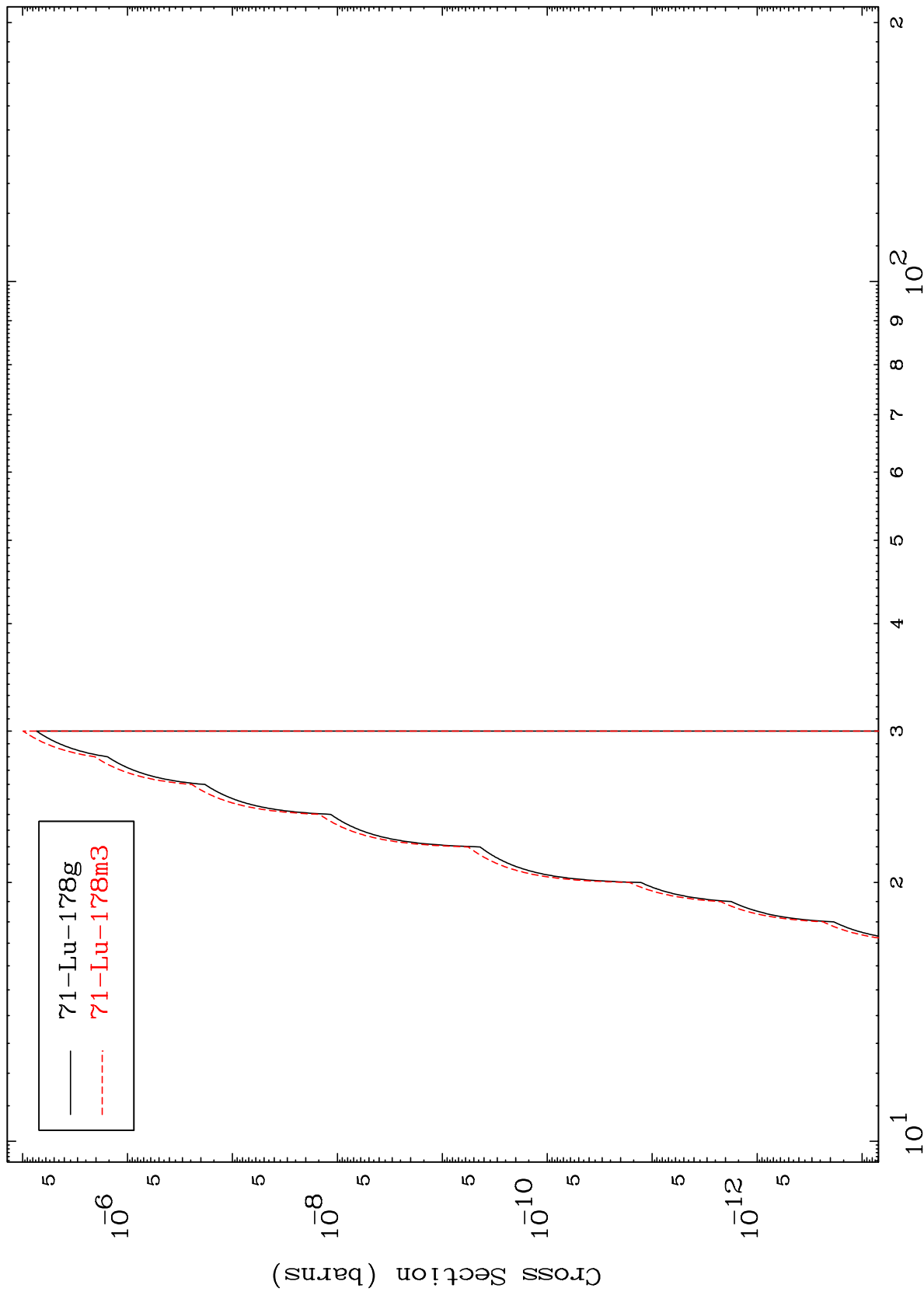


MAT 7240

(d,2n) p

72-Hf-179

Radionuclide Production Cross Section



23

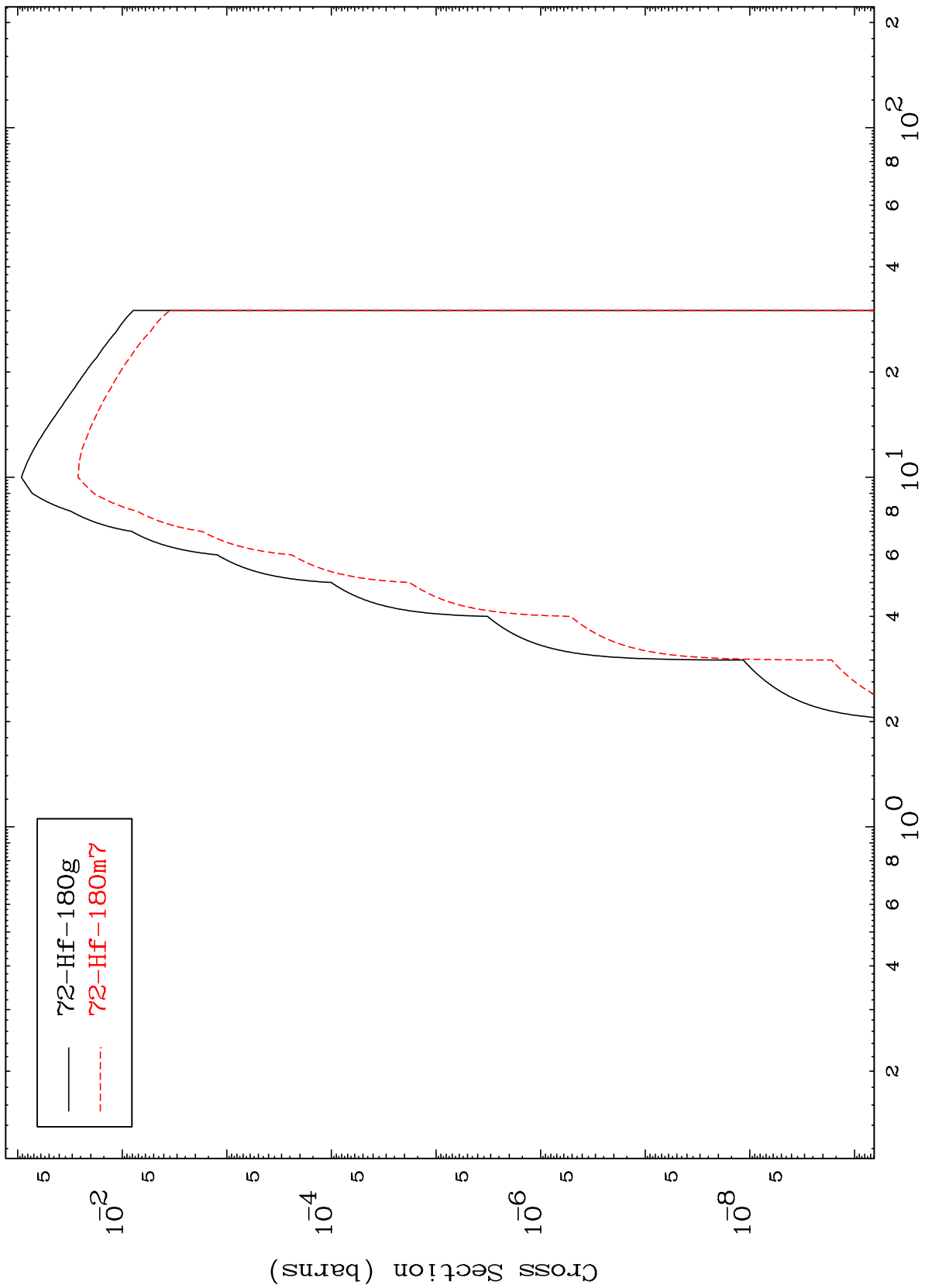
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

(d,p)
Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m7

72-Hf-179

Incident Energy (MeV)

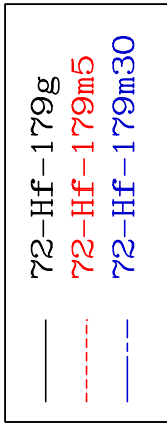
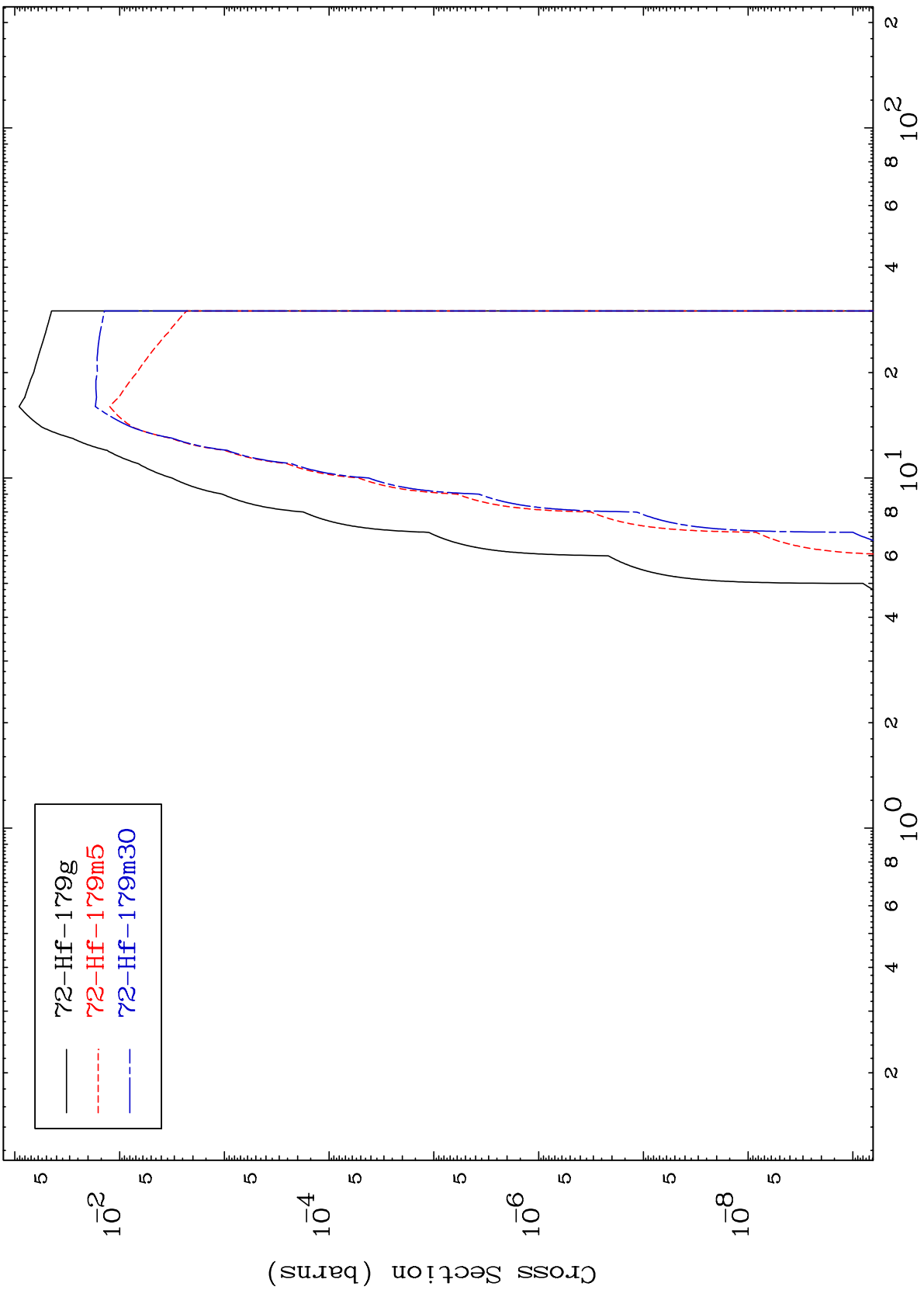
24

MAT 7240

(d,d)

72-Hf-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

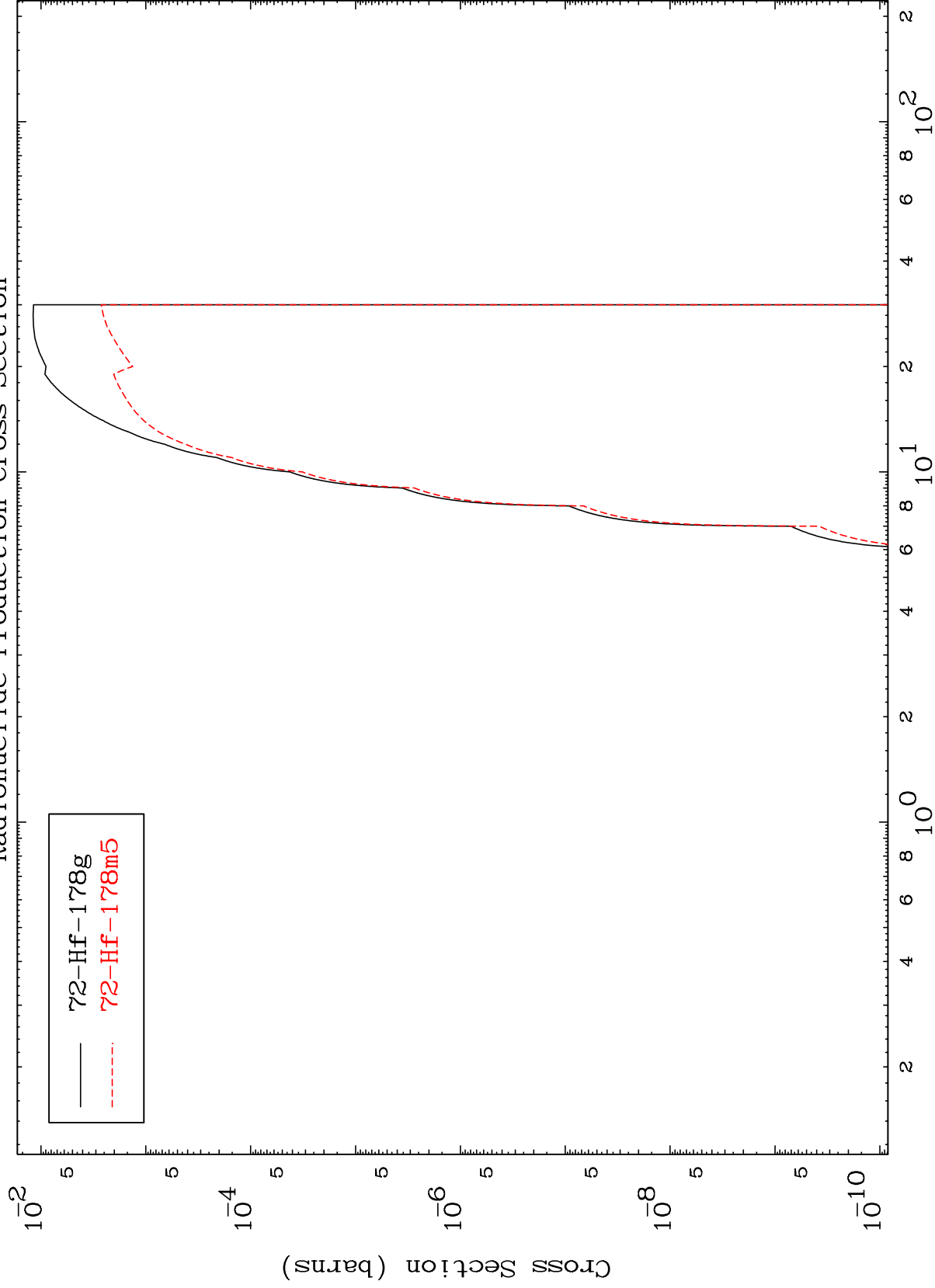
72-Hf-179

MAT 7240

(d, t)

⁷²Hf-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

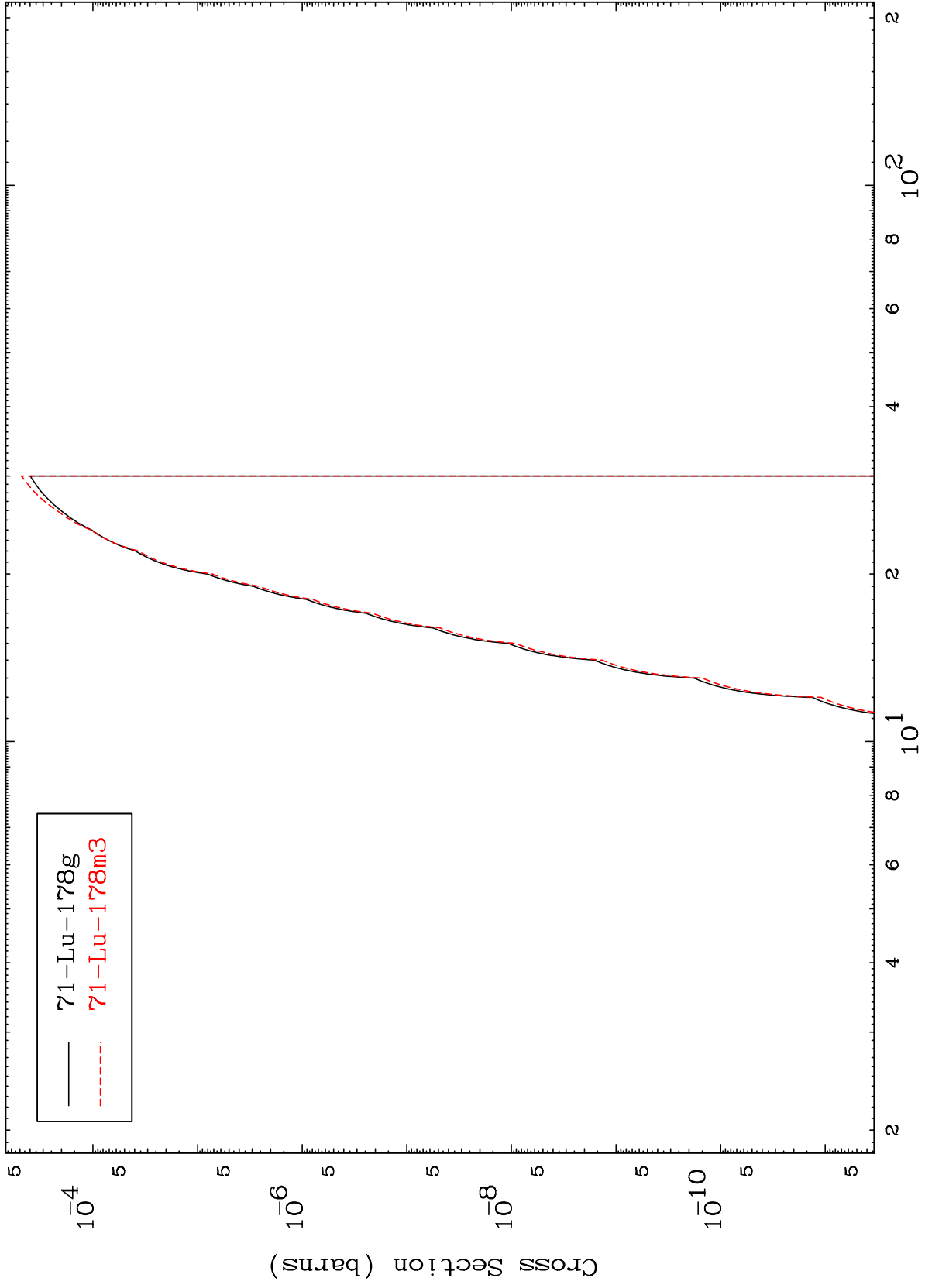
⁷²Hf-179

MAT 7240

(d,He-3)

72-Hf-179

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

27

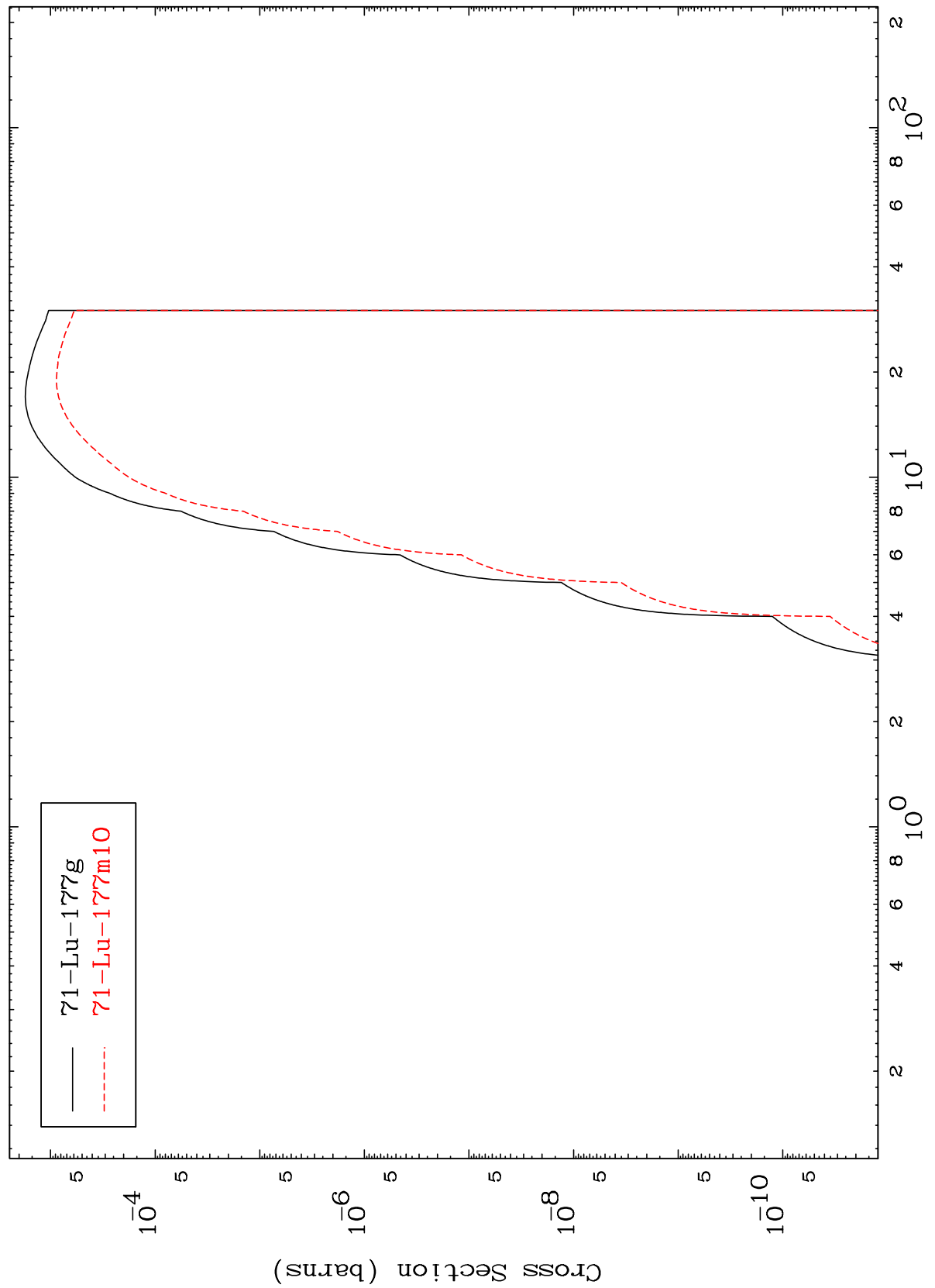
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

Radionuclide Production Cross Section
(d, α)



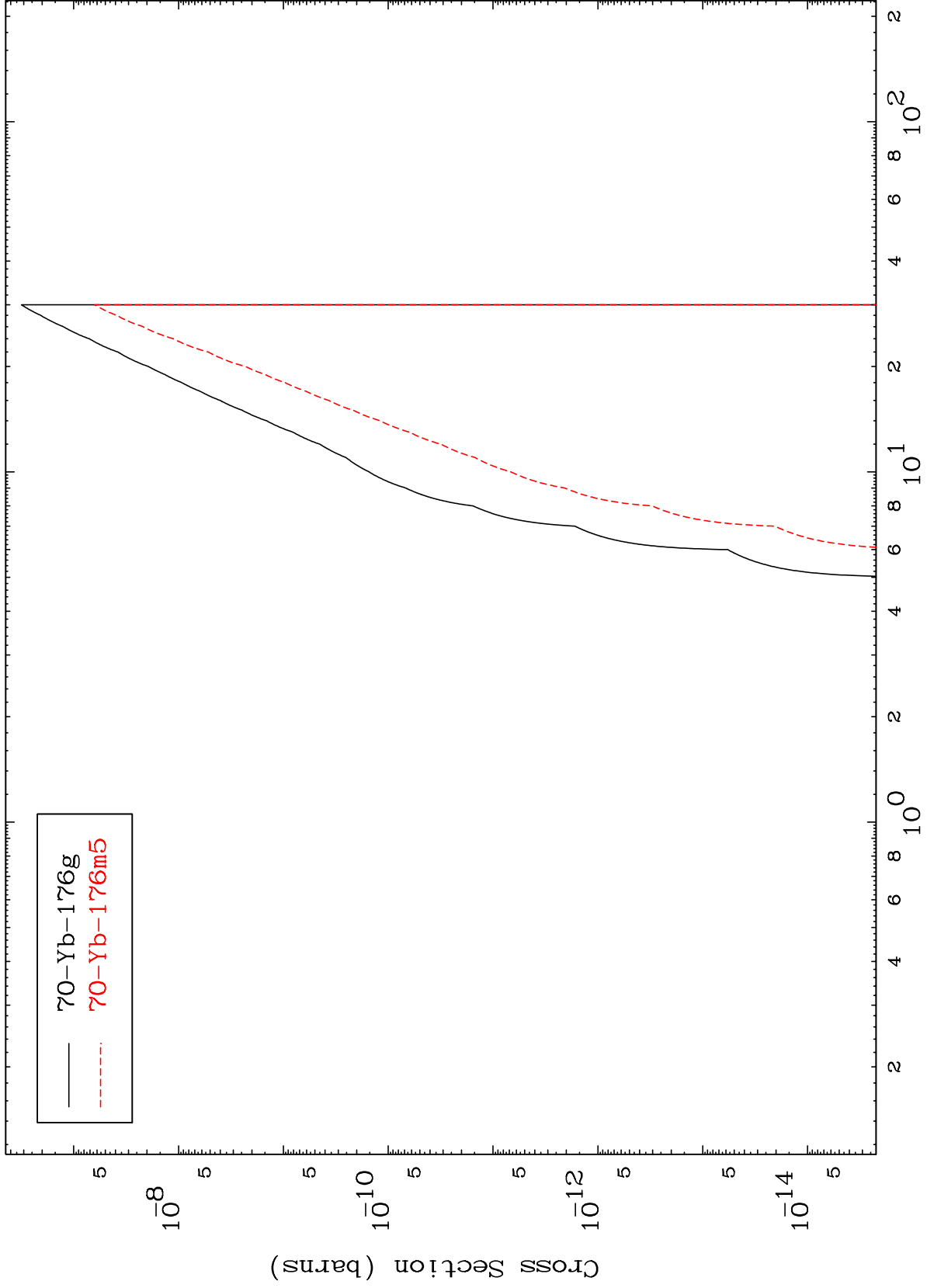
— $^{71}\text{Lu-177g}$
- - - $^{71}\text{Lu-177m10}$

MAT 7240

(d,p) α

72-Hf-179

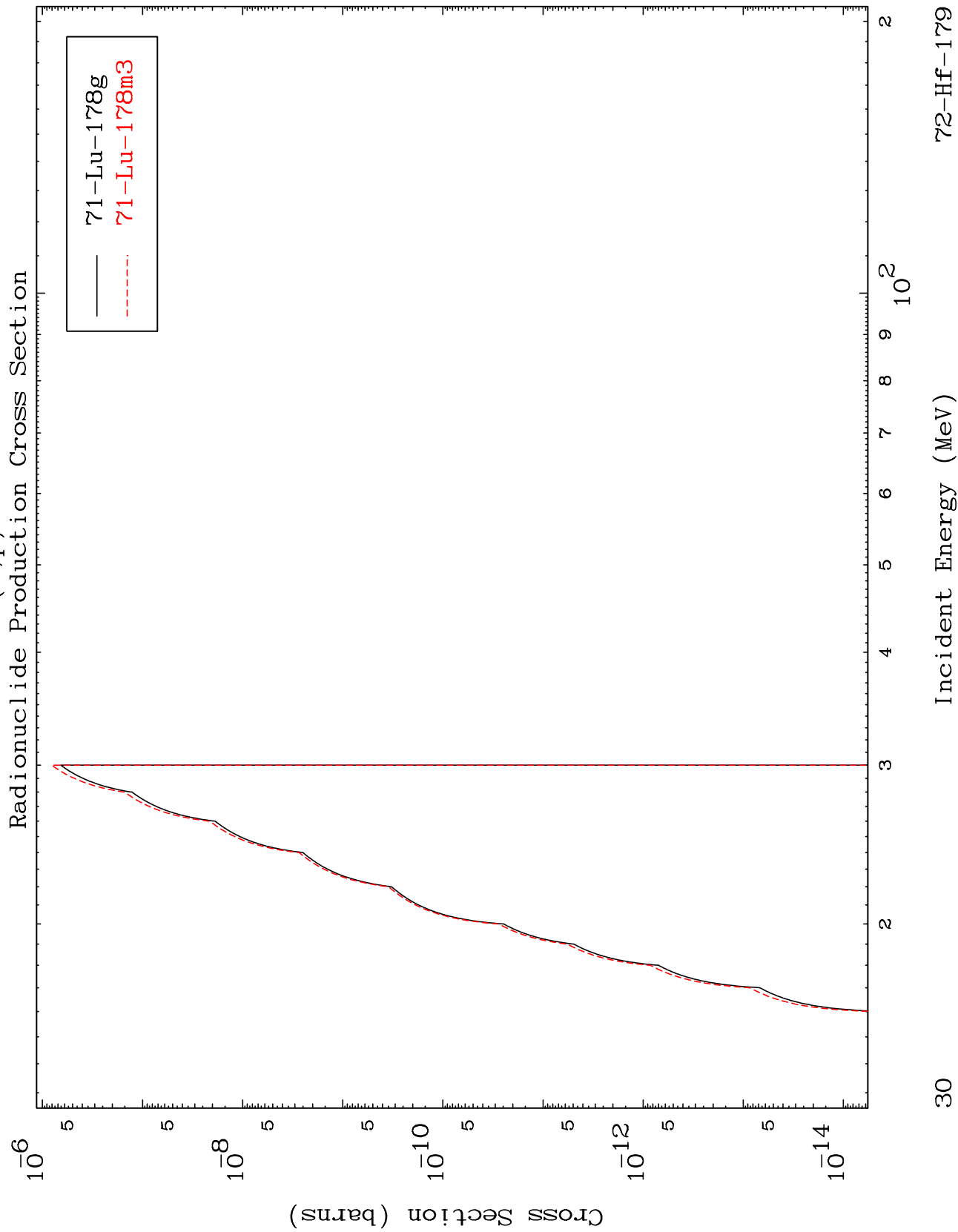
Radionuclide Production Cross Section



MAT 7240

(d,p) d

72-Hf-179



30

Incident Energy (MeV)

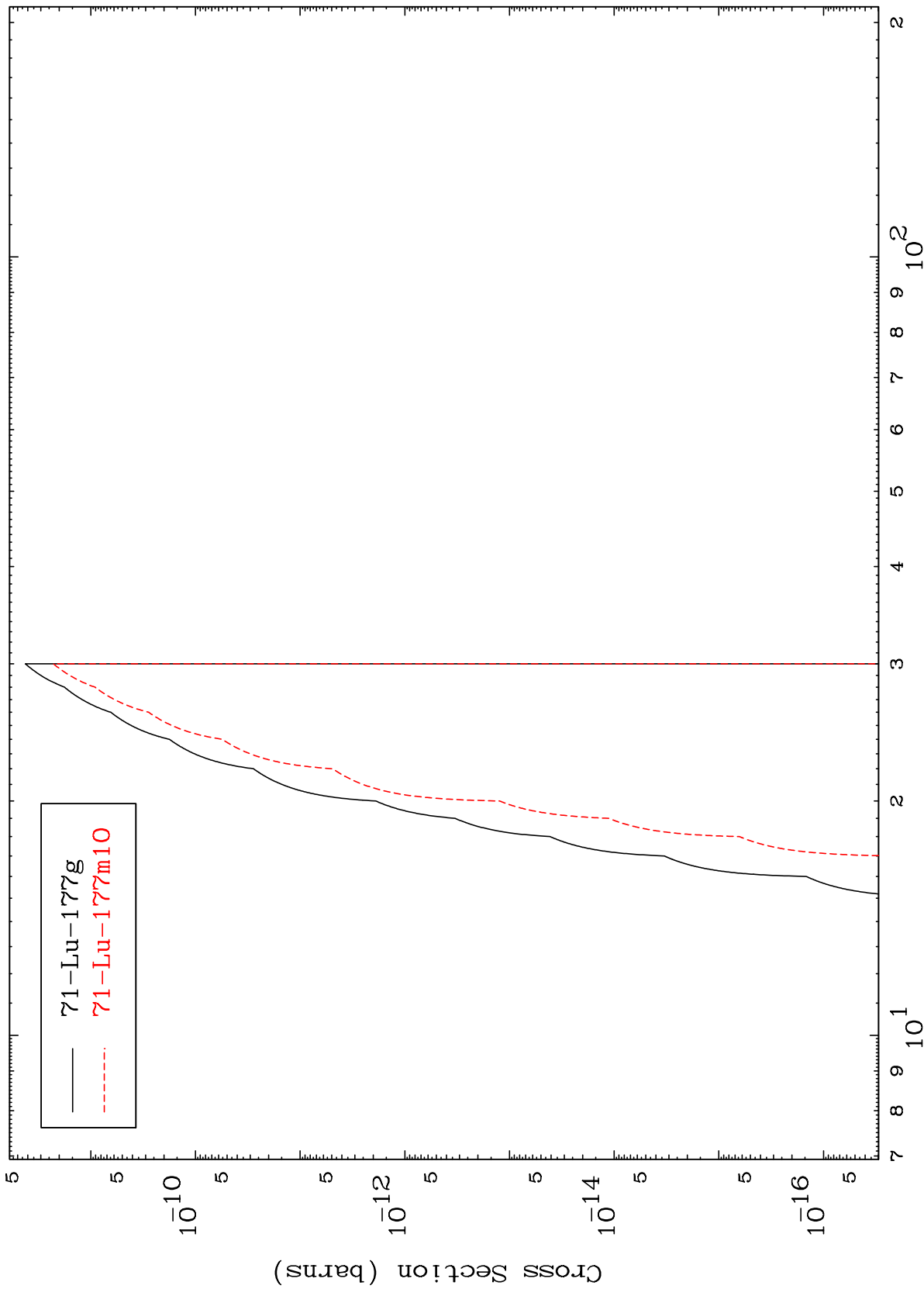
72-Hf-179

MAT 7240

(d,p) t

72-Hf-179

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m10

Incident Energy (MeV)

72-Hf-179

31