

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

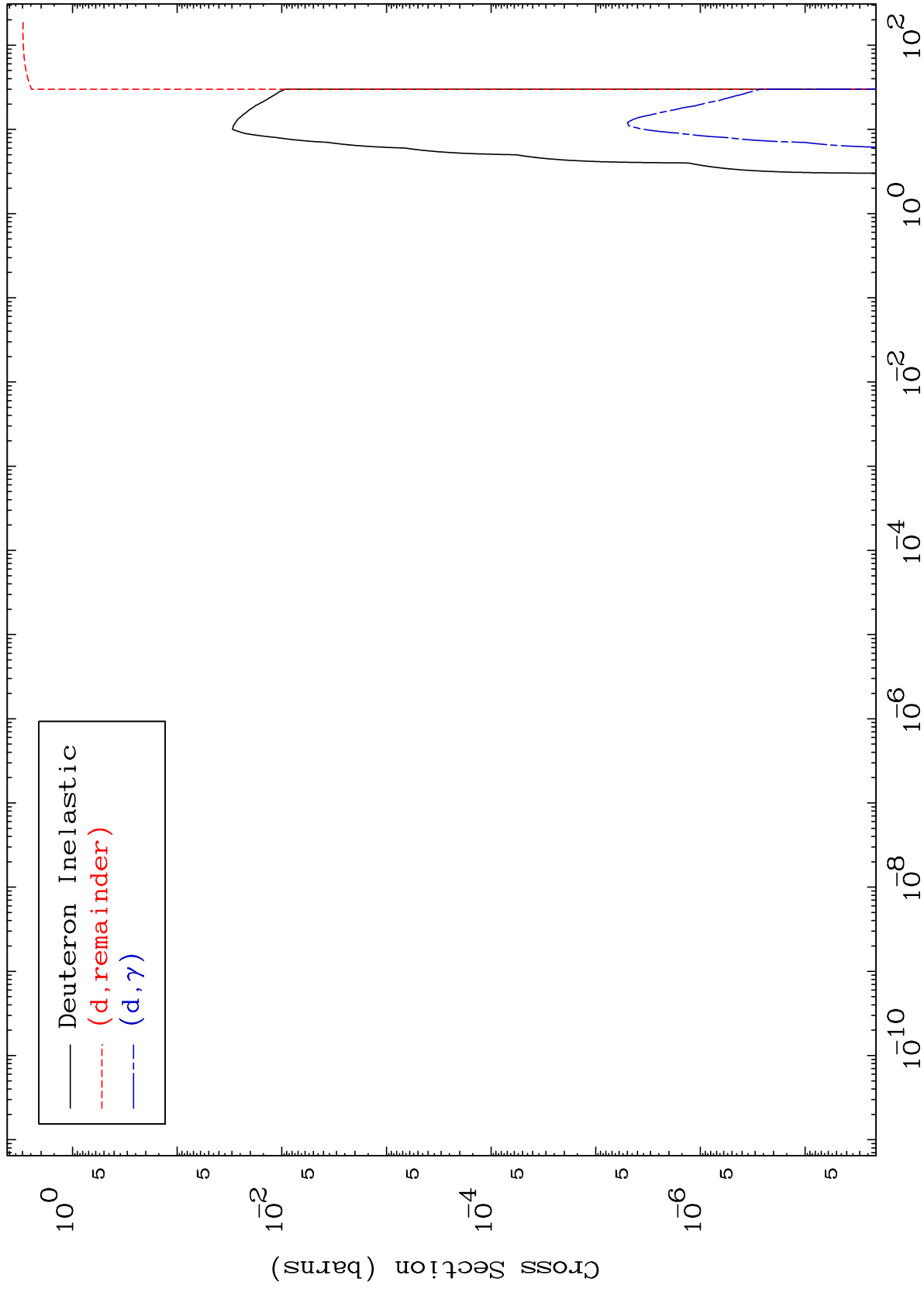
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7240

Deuteron Major
0 Kelvin Cross Sections

72-Hf-179



1

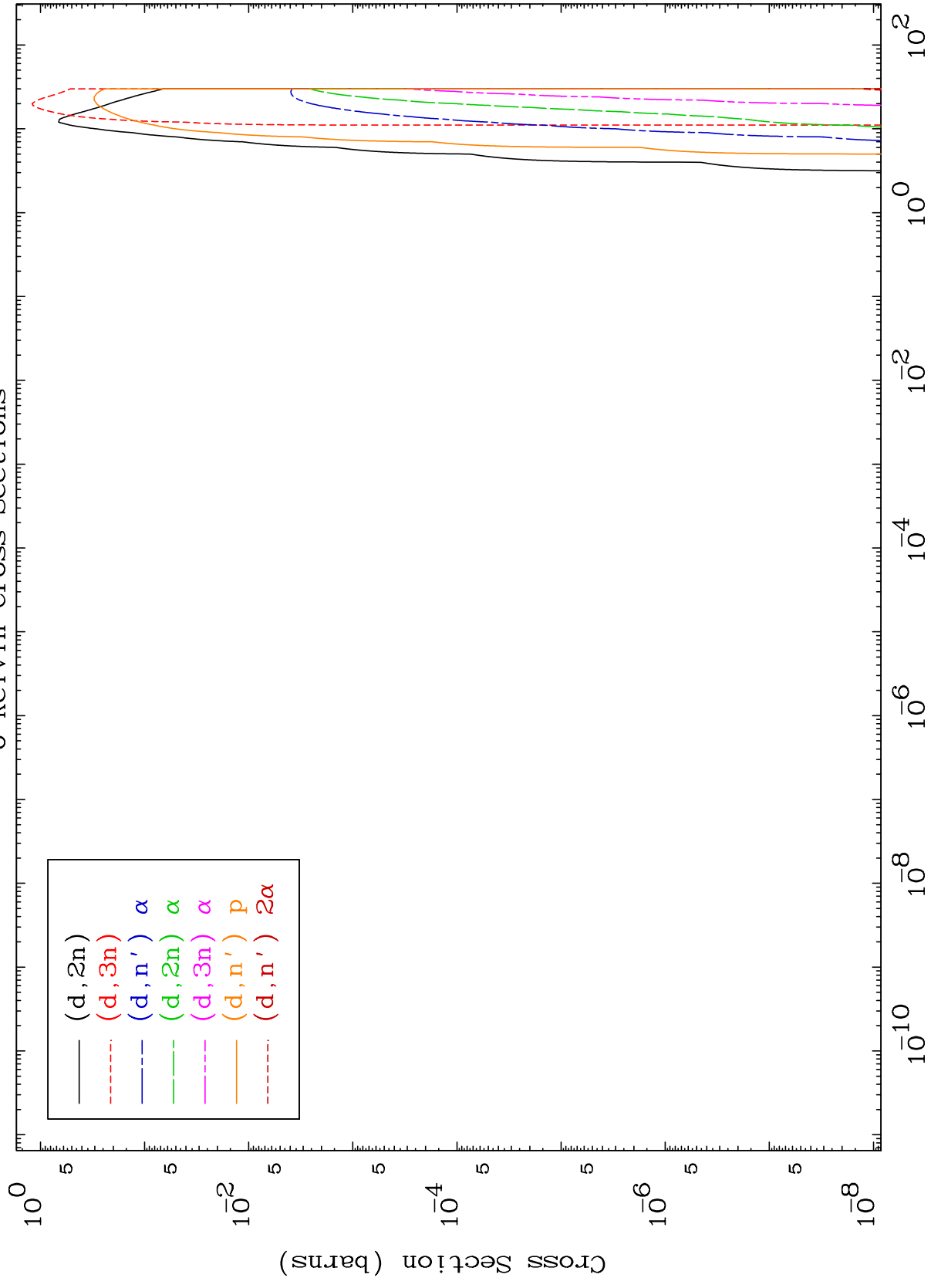
Incident Energy (MeV)

72-Hf-179

MAT 7240

Deuteron Neutron Production
0 Kelvin Cross Sections

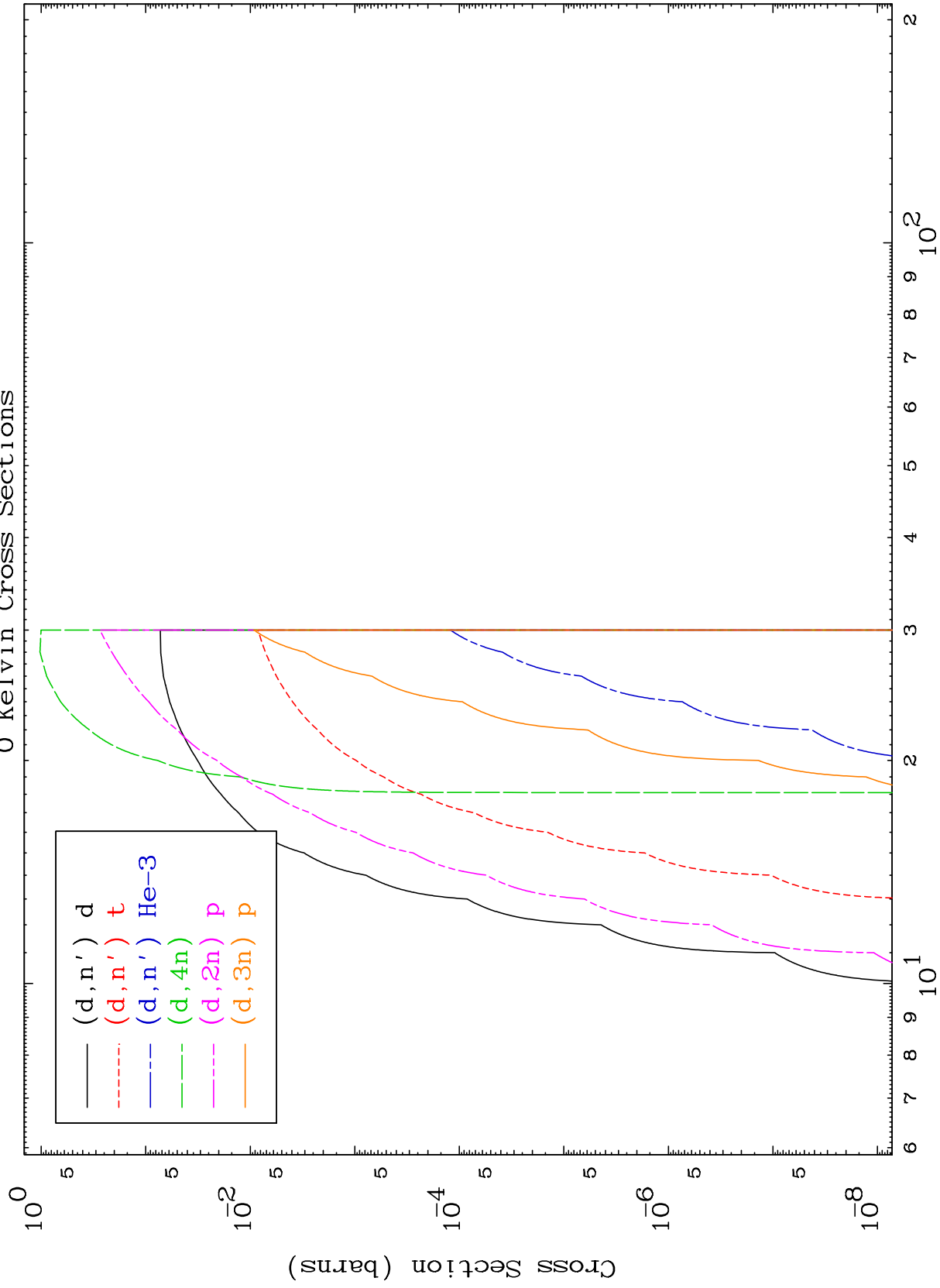
72-Hf-179

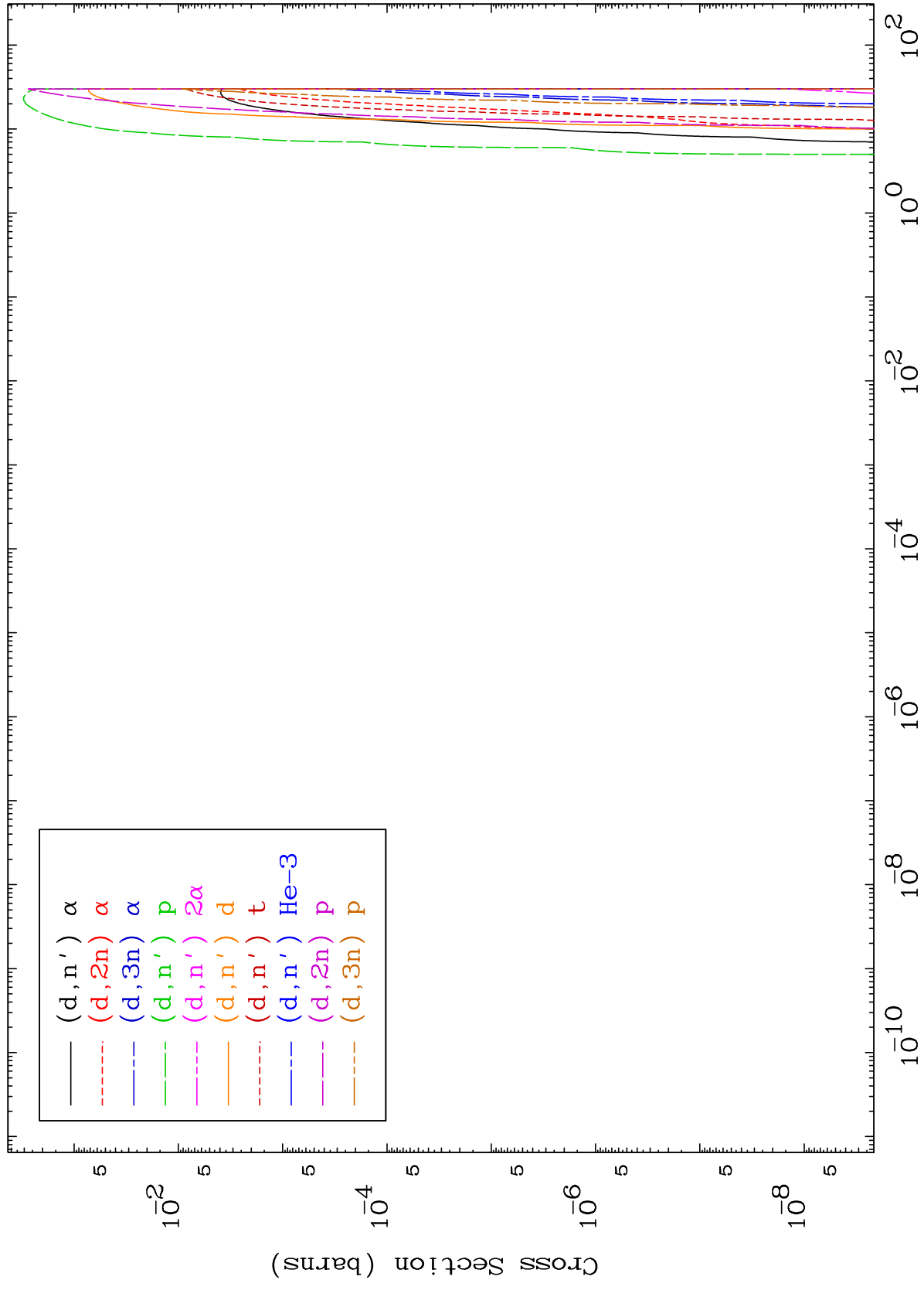


2

Incident Energy (MeV)

72-Hf-179

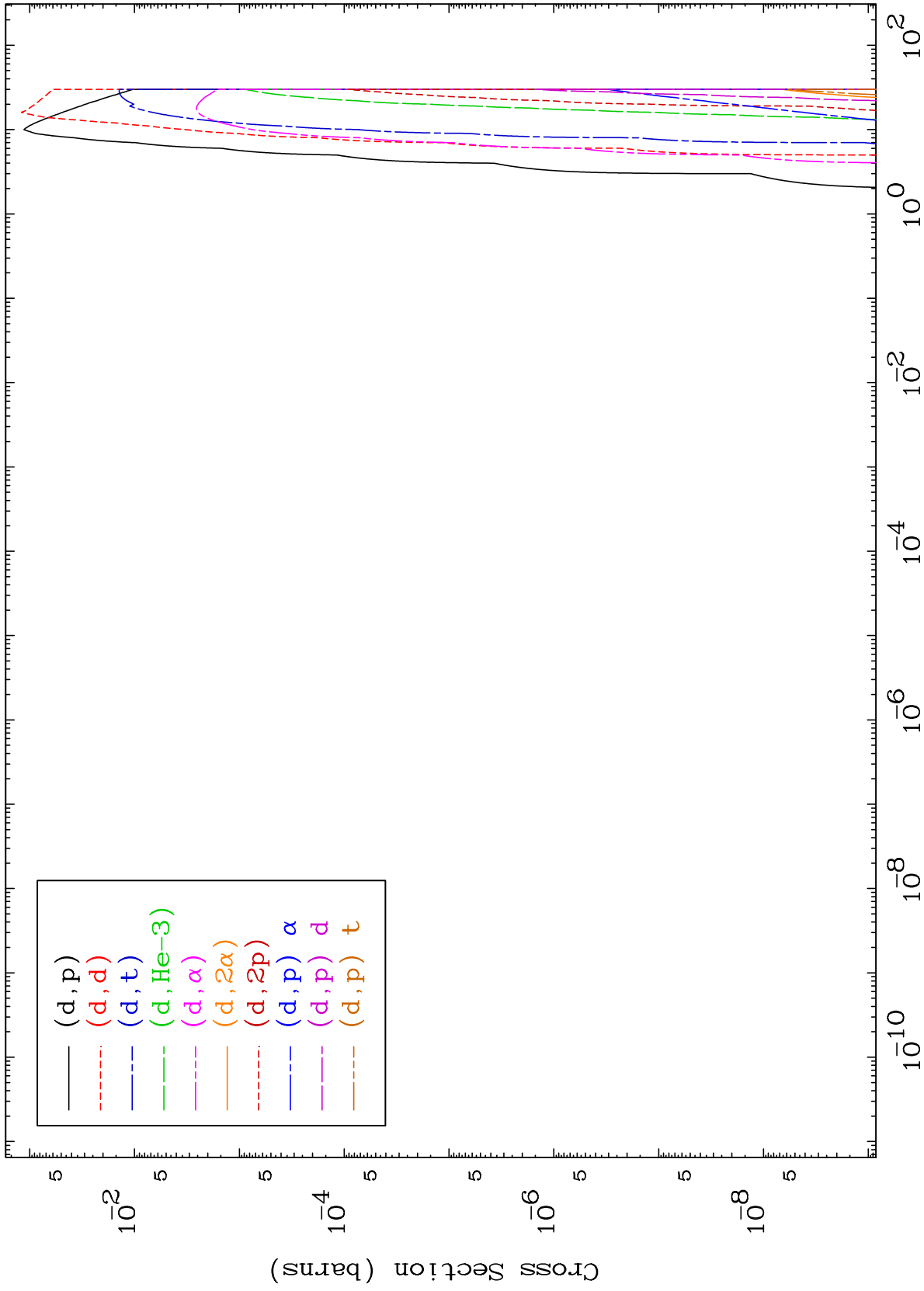




MAT 7240

Deuteron Charged Particle
0 Kelvin Cross Sections

72-Hf-179



5

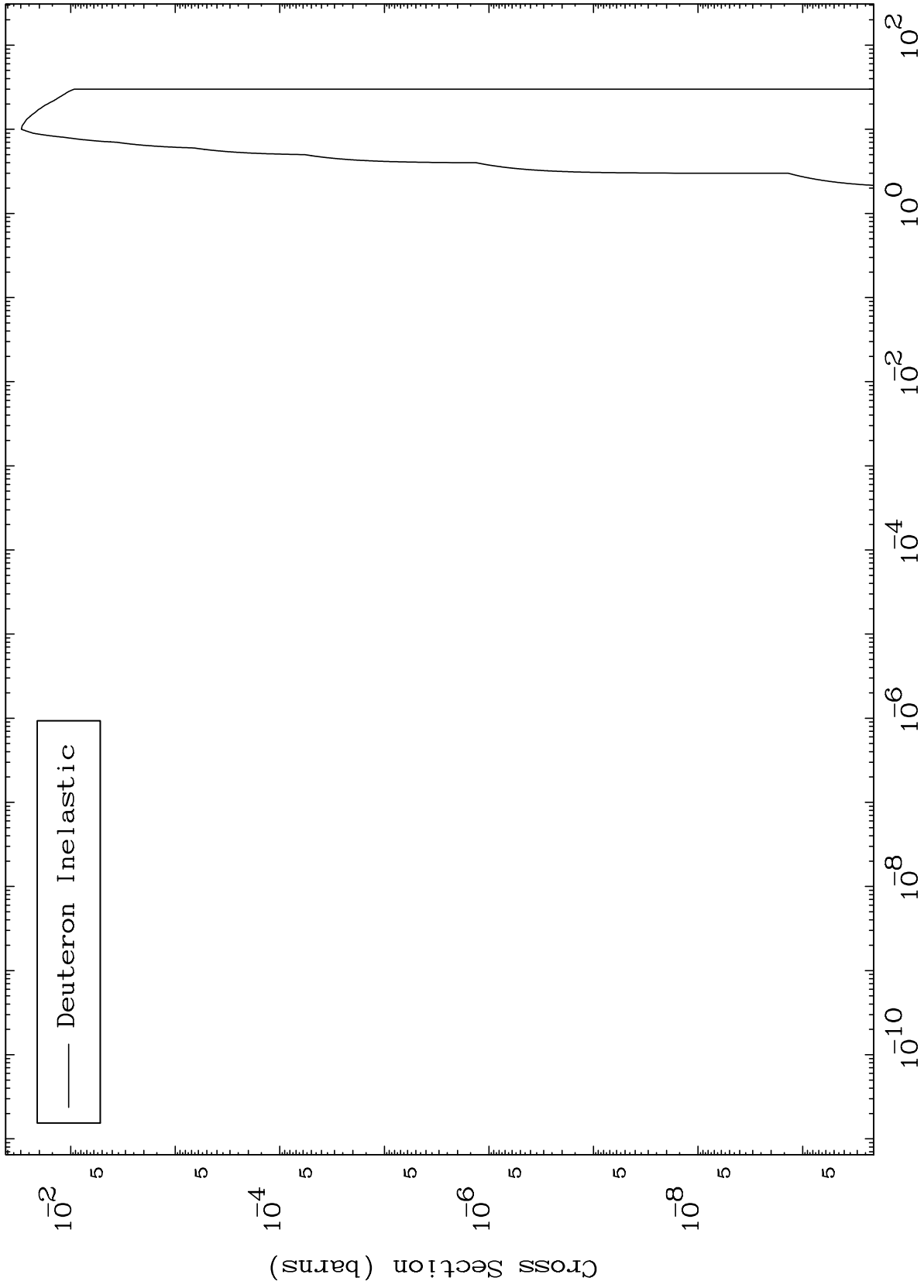
Incident Energy (MeV)

72-Hf-179

MAT 7240

(d,n') Level
0 Kelvin Cross Sections

72-Hf-179



6

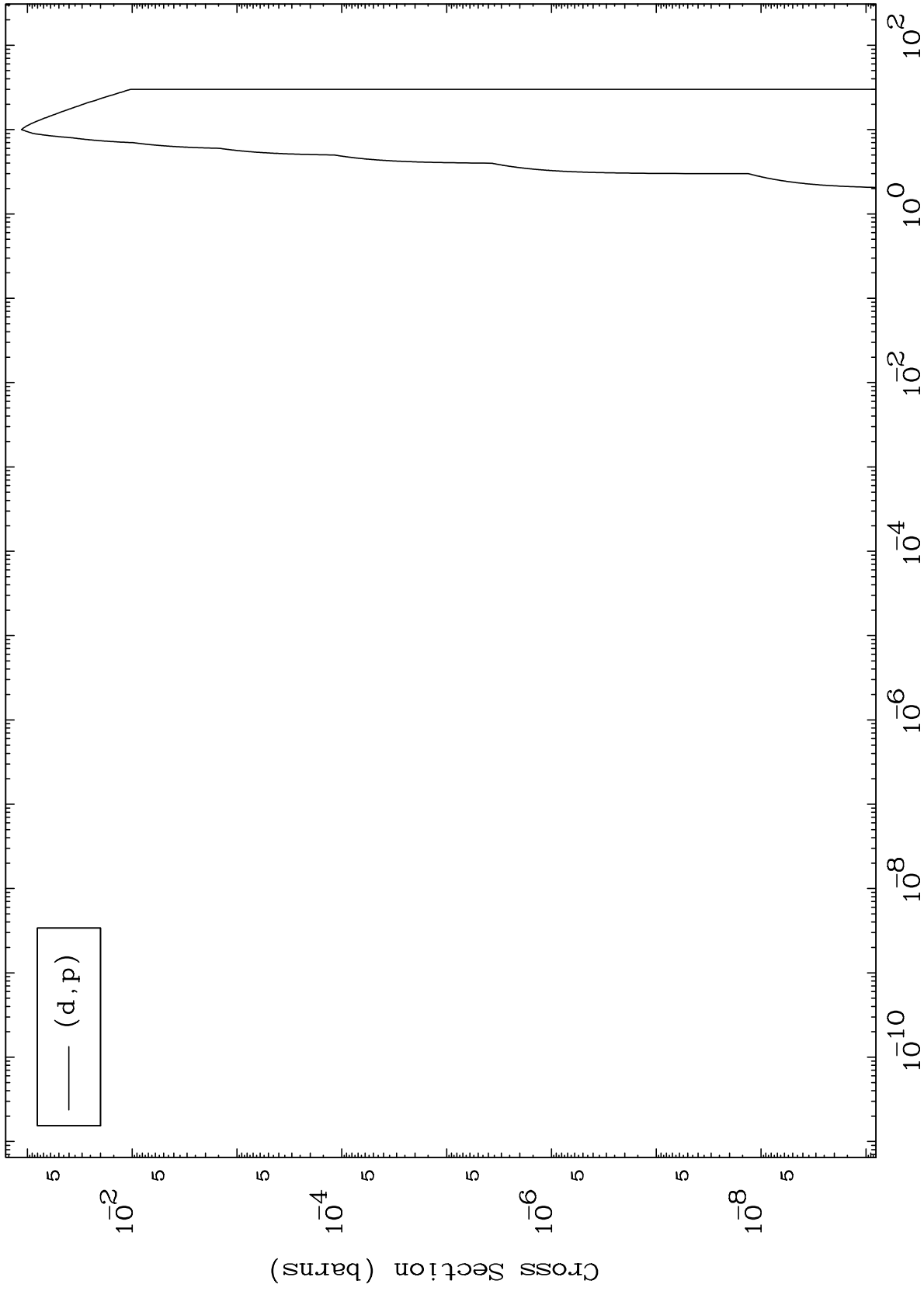
Incident Energy (MeV)

72-Hf-179

MAT 7240

(d,p) Levels
0 Kelvin Cross Sections

72-Hf-179



7

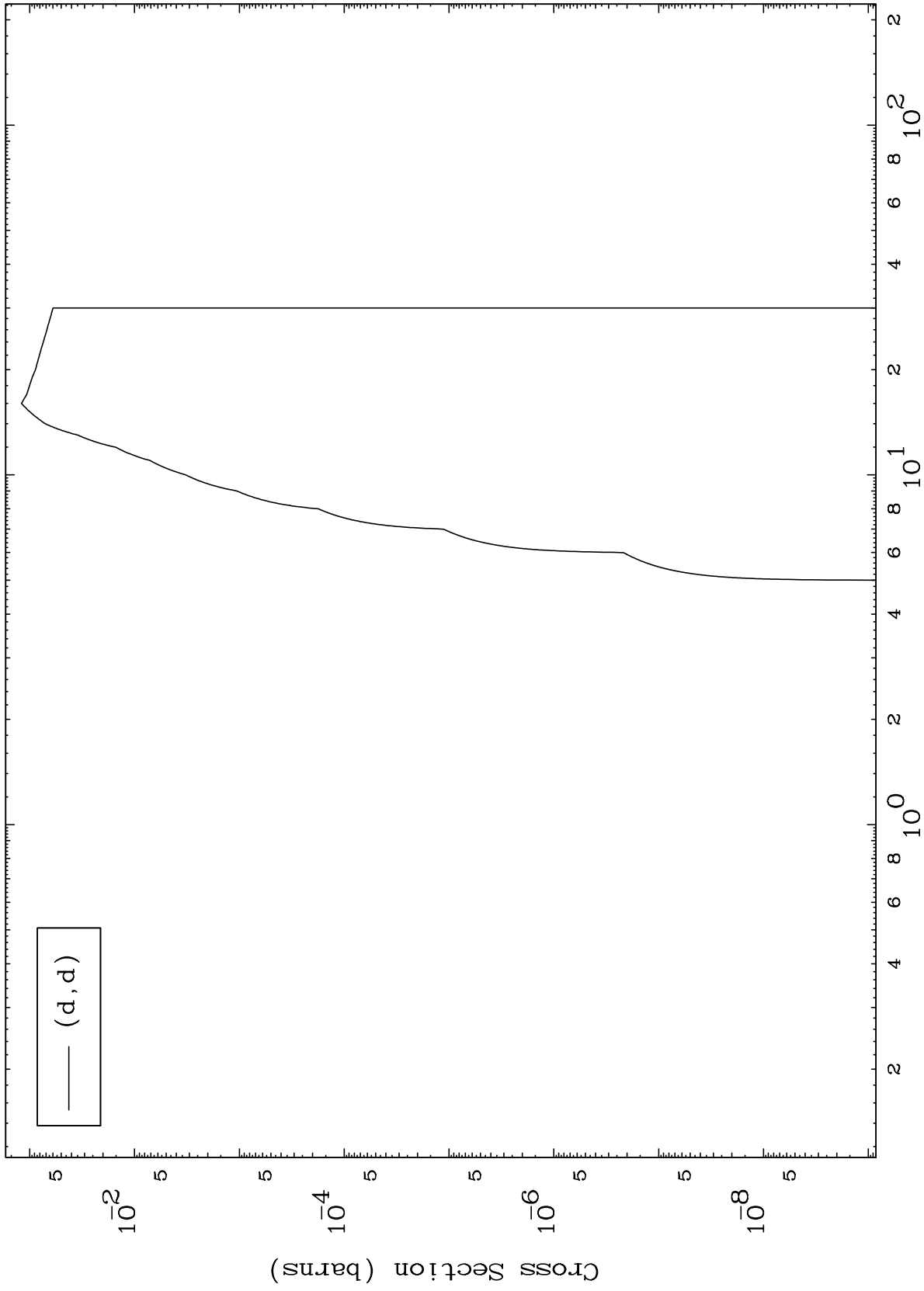
Incident Energy (MeV)

72-Hf-179

MAT 7240

(d,d) Levels
0 Kelvin Cross Sections

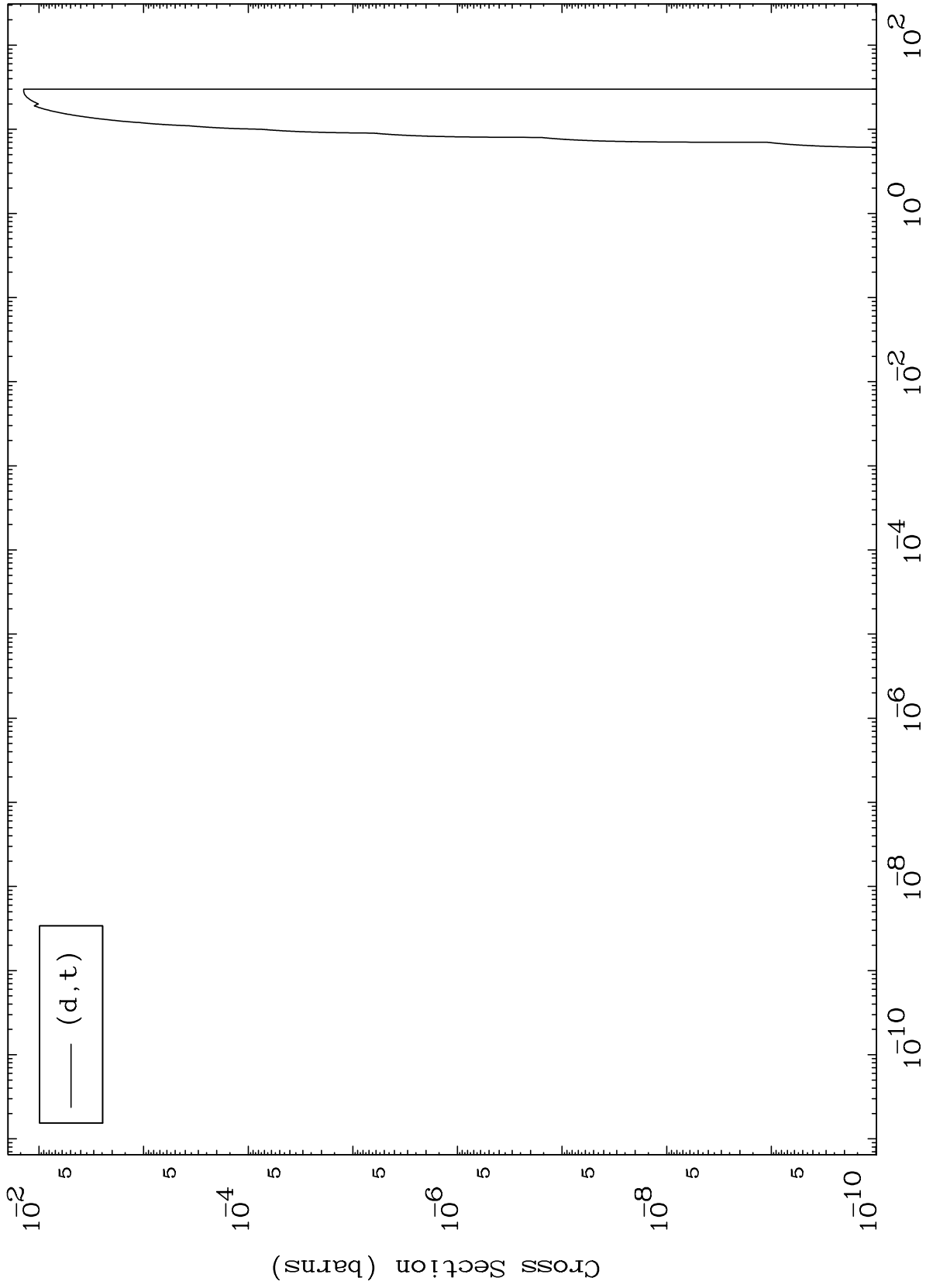
72-Hf-179



MAT 7240

(d,t) Levels
0 Kelvin Cross Sections

72-Hf-179



9

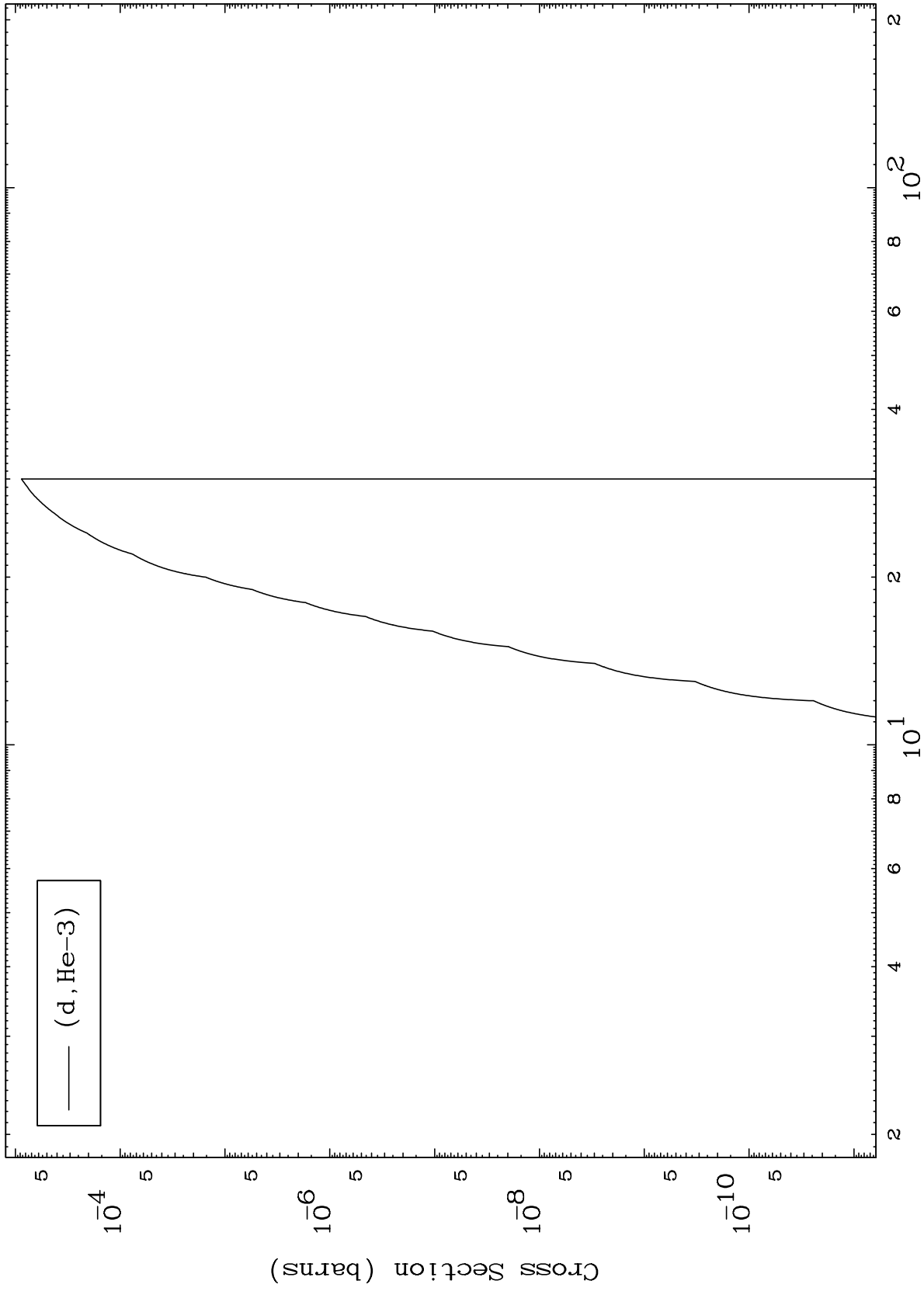
Incident Energy (MeV)

72-Hf-179

MAT 7240

(d,He3) Levels
0 Kelvin Cross Sections

72-Hf-179



10

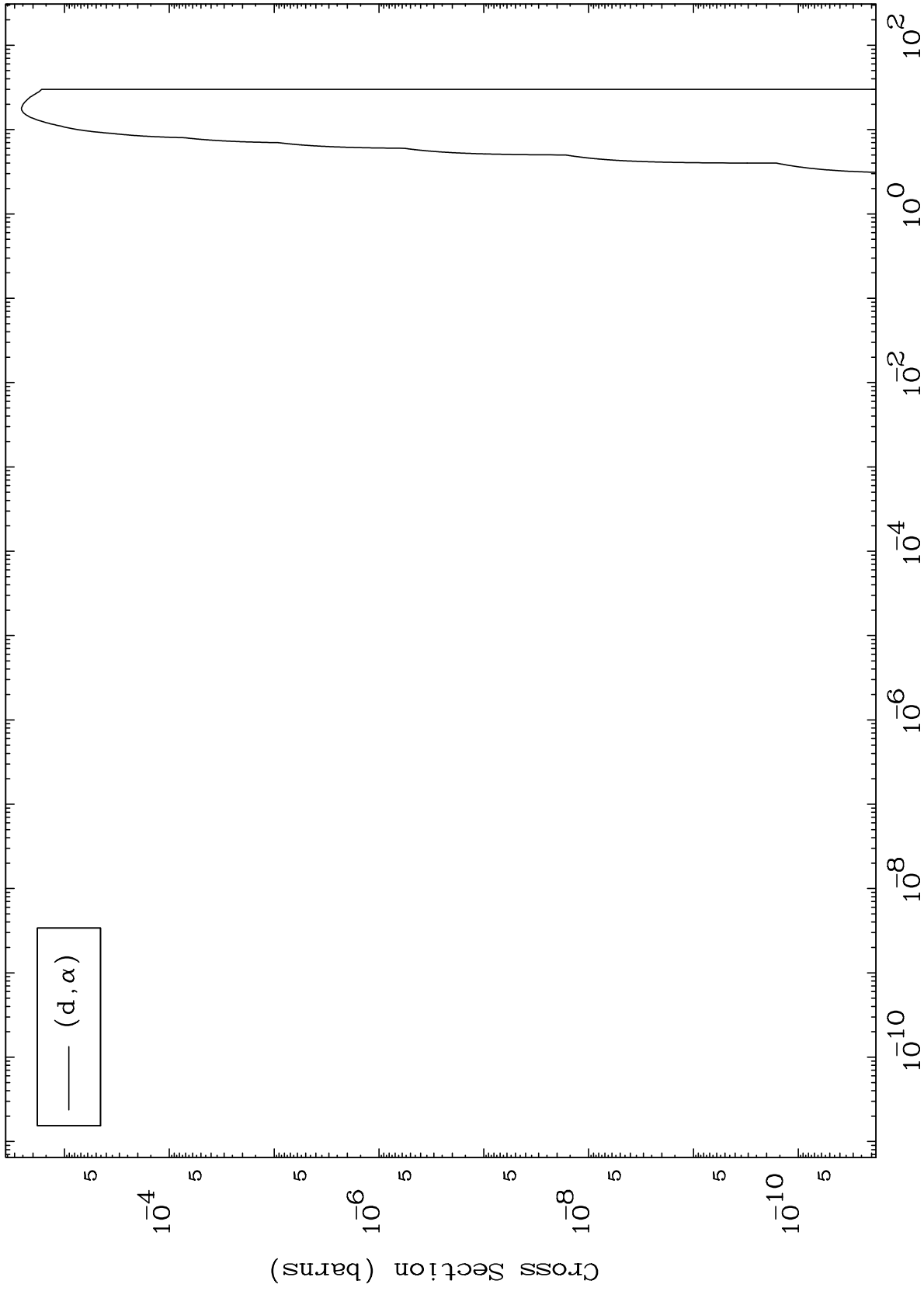
Incident Energy (MeV)

72-Hf-179

MAT 7240

(d, α) Levels
0 Kelvin Cross Sections

72-Hf-179



11

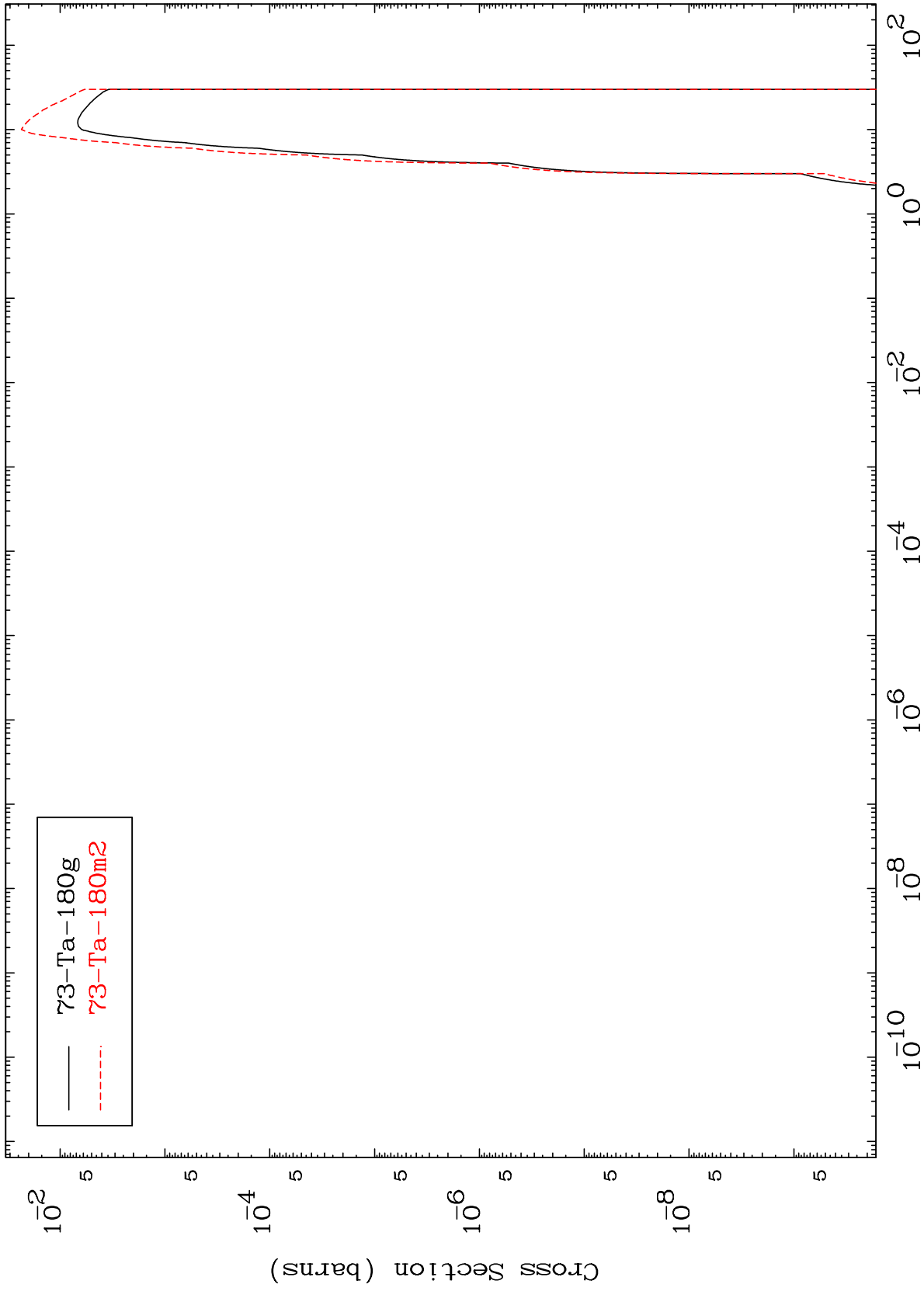
Incident Energy (MeV)

72-Hf-179

MAT 7240

Deuteron Inelastic
Radionuclide Production Cross Section

72-Hf-179



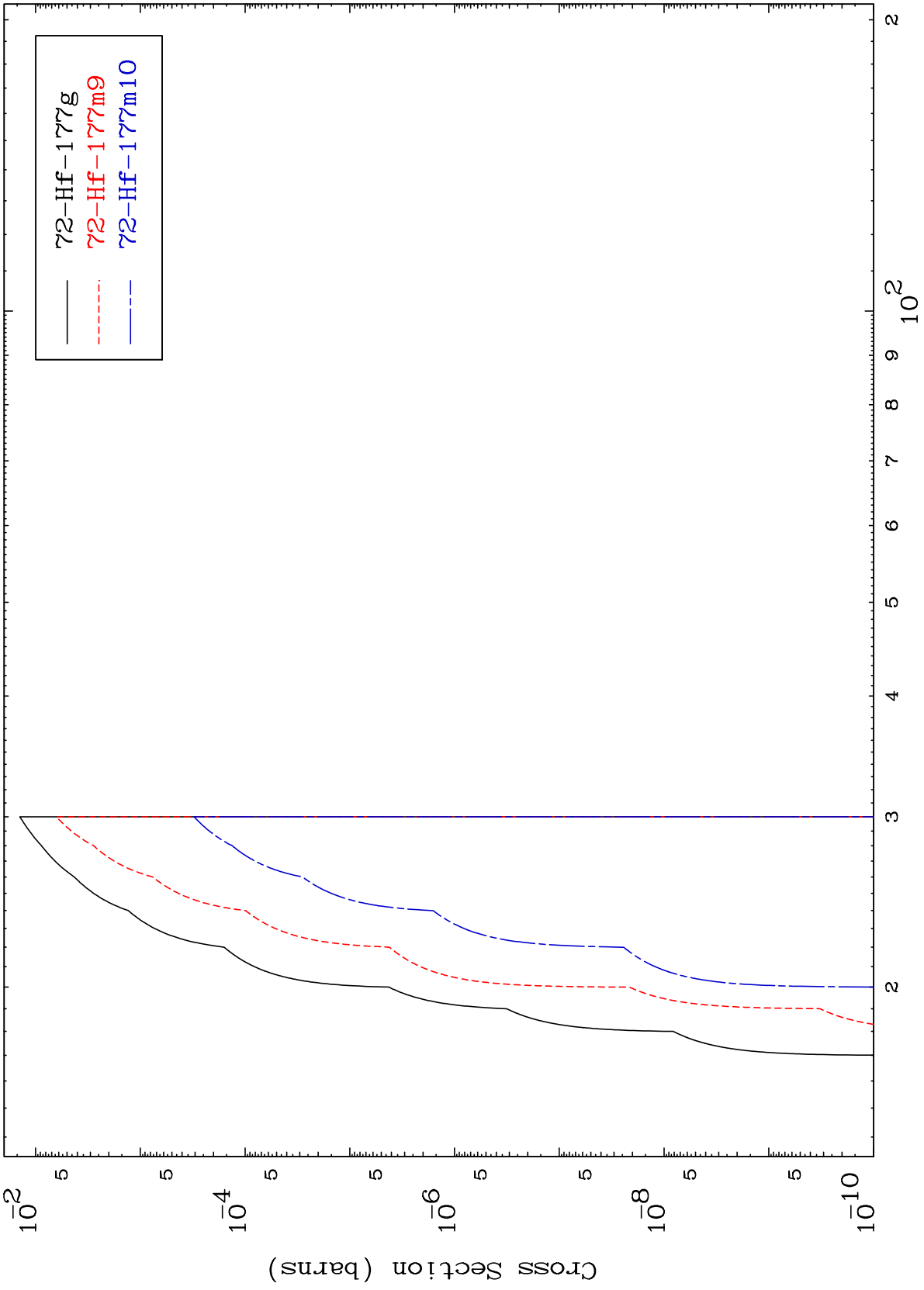
72-Hf-179

MAT 7240

(d,2n) d

72-Hf-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

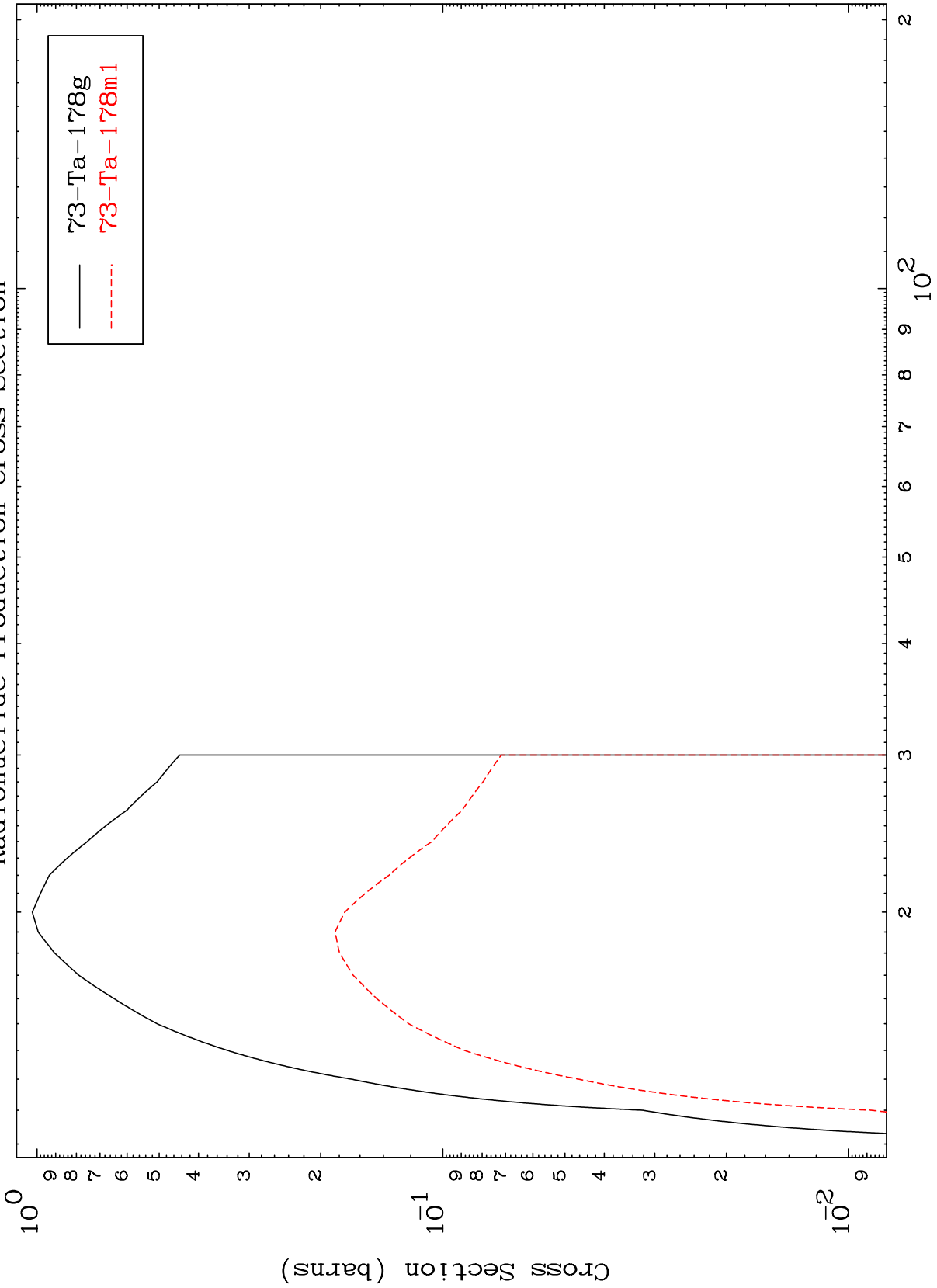
72-Hf-179

MAT 7240

(d,3n)

72-Hf-179

Radionuclide Production Cross Section



— ⁷³Ta-178g
- - - ⁷³Ta-178m1

14

Incident Energy (MeV)

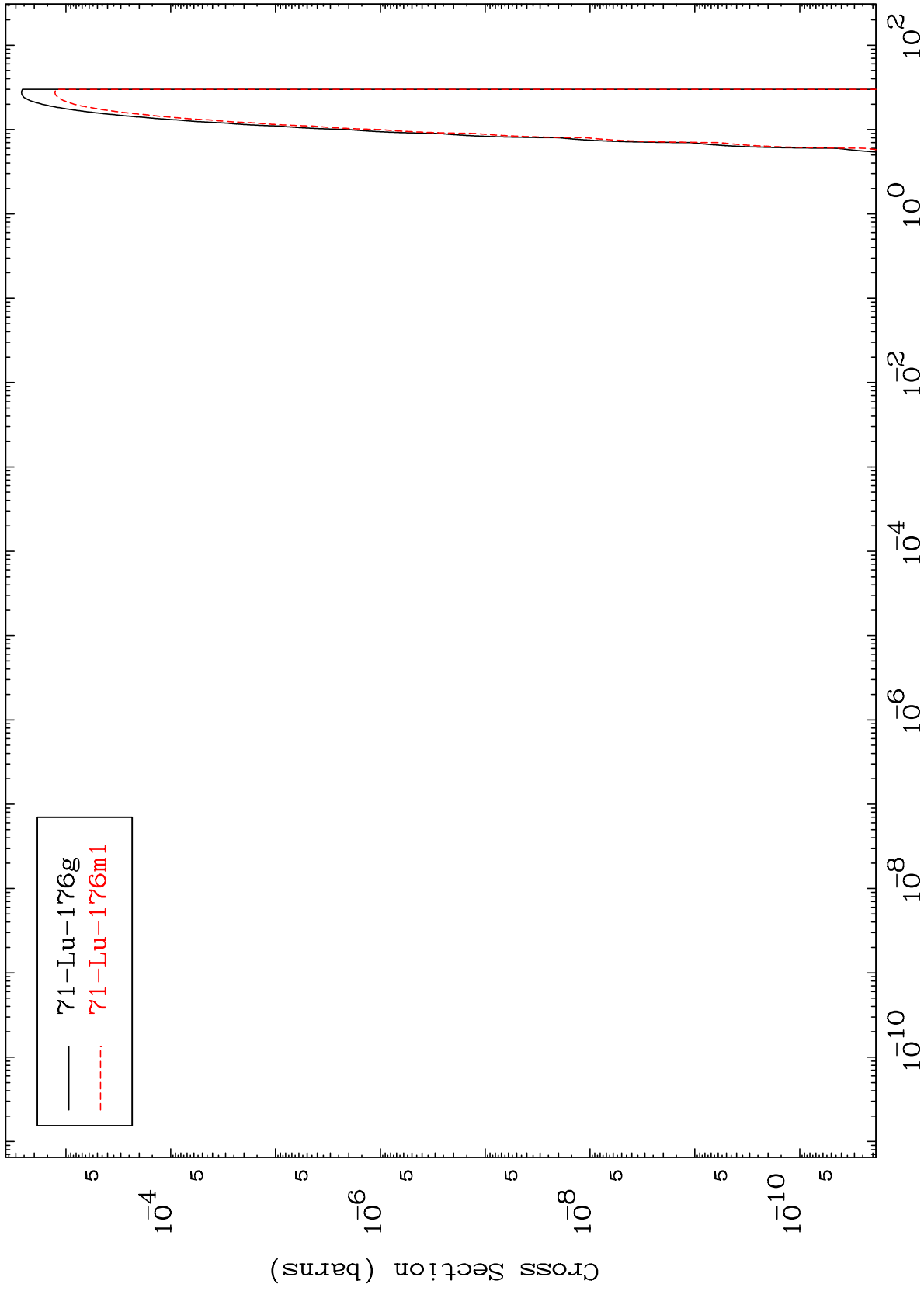
72-Hf-179

MAT 7240

(d,n') α

72-Hf-179

Radionuclide Production Cross Section



15

Incident Energy (MeV)

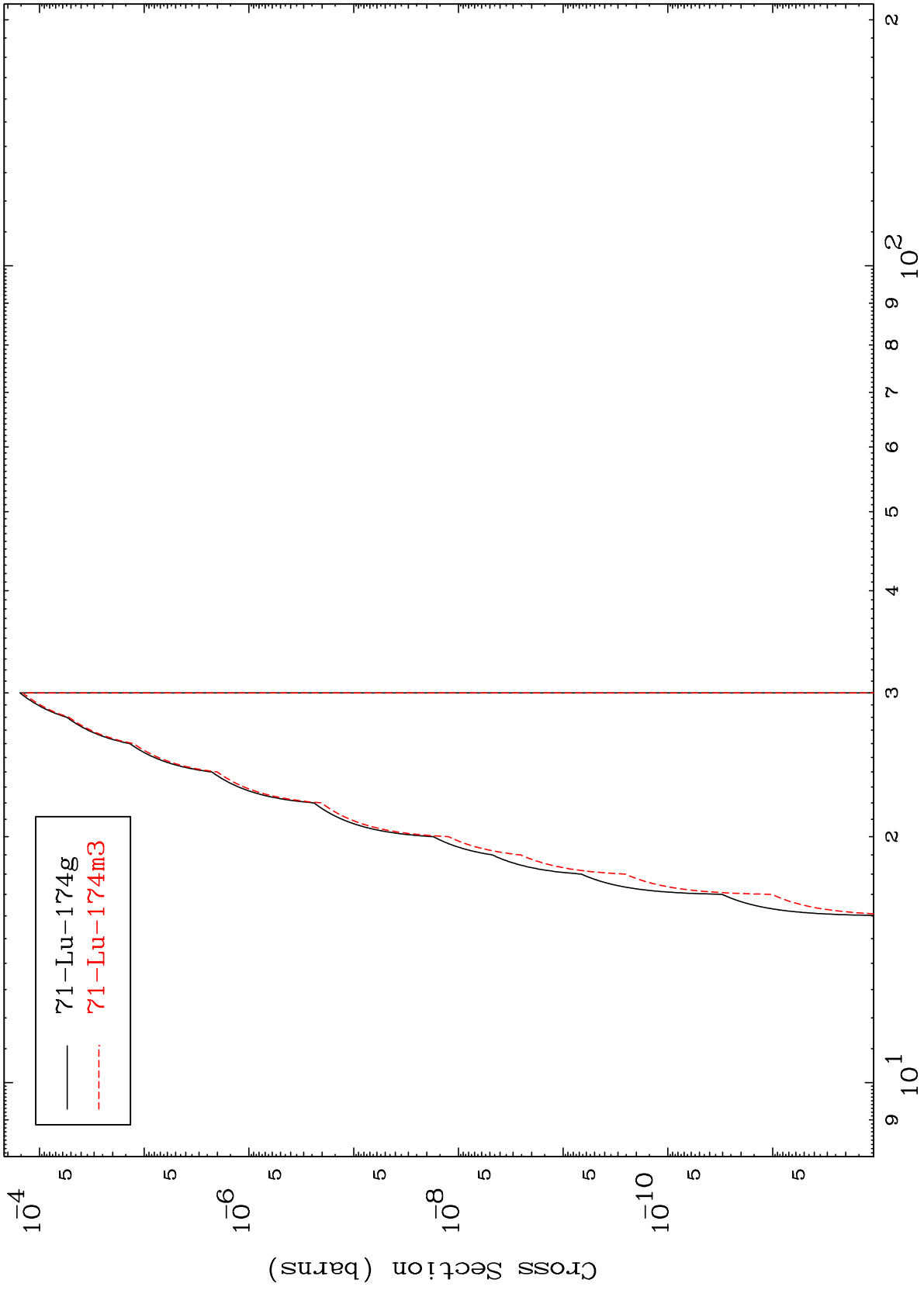
72-Hf-179

MAT 7240

(d,3n) α

72-Hf-179

Radionuclide Production Cross Section



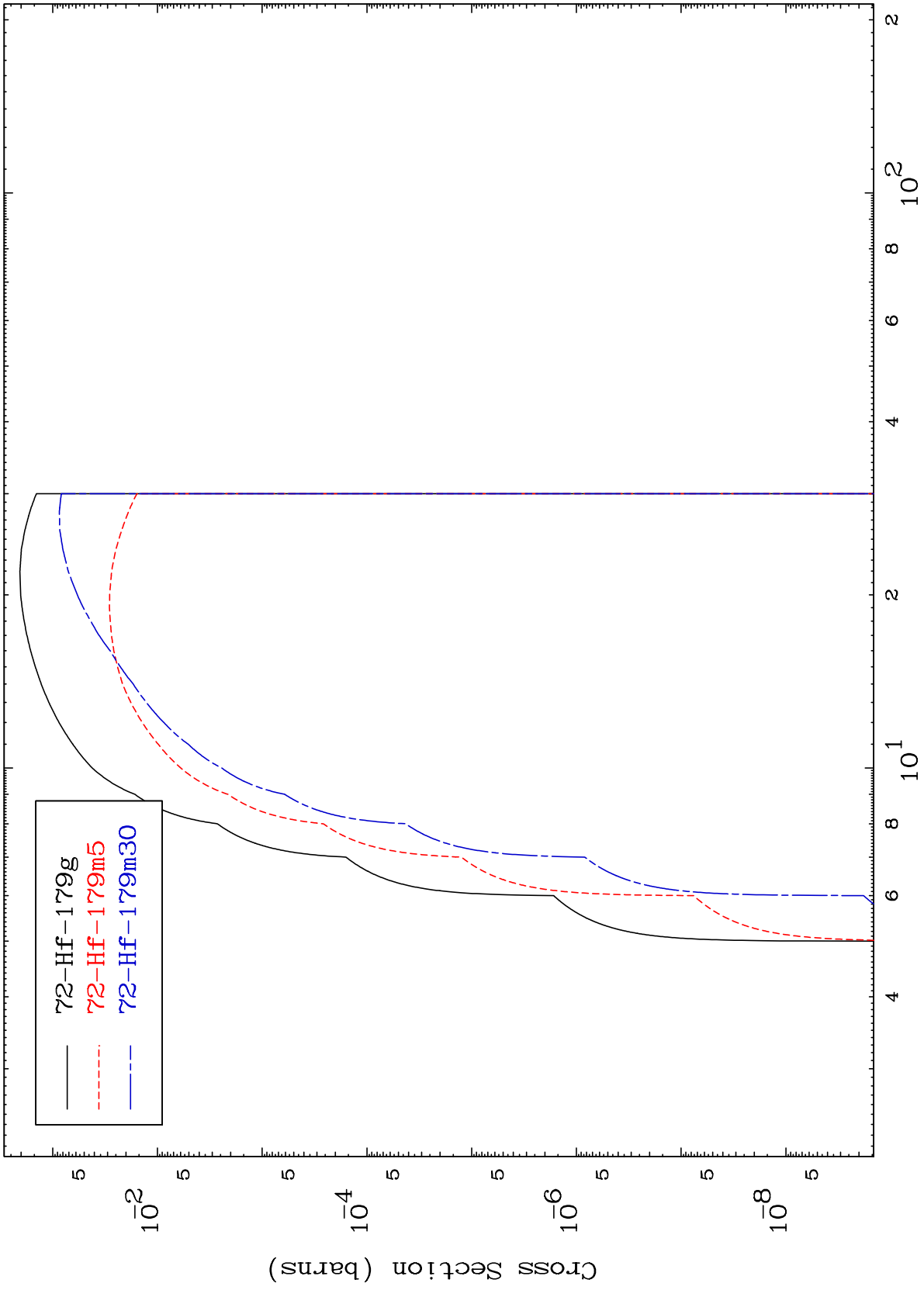
16

72-Hf-179

MAT 7240

72-Hf-179

(d,n') p
Radionuclide Production Cross Section



72-Hf-179

Incident Energy (MeV)

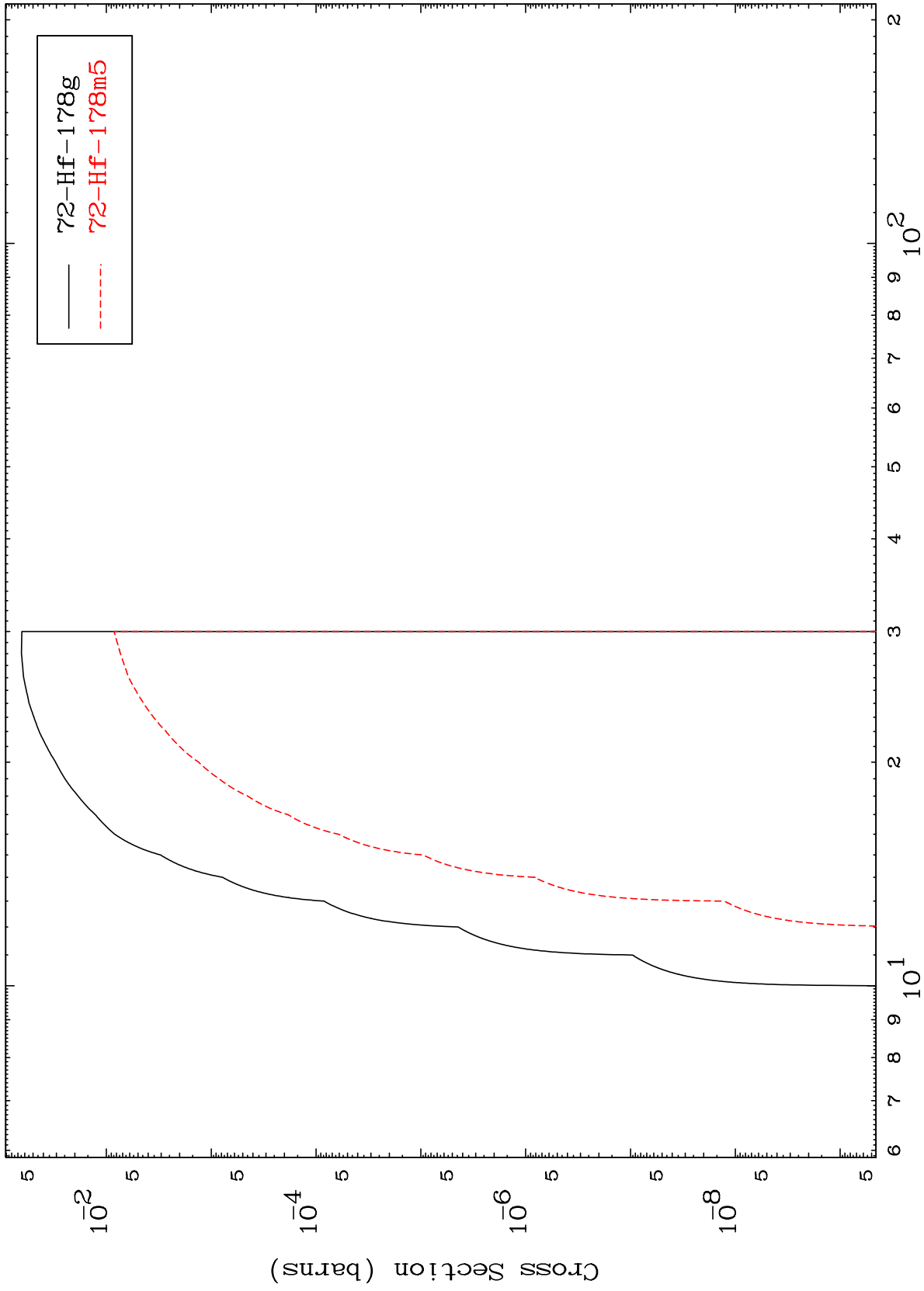
17

MAT 7240

(d,n') d

72-Hf-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

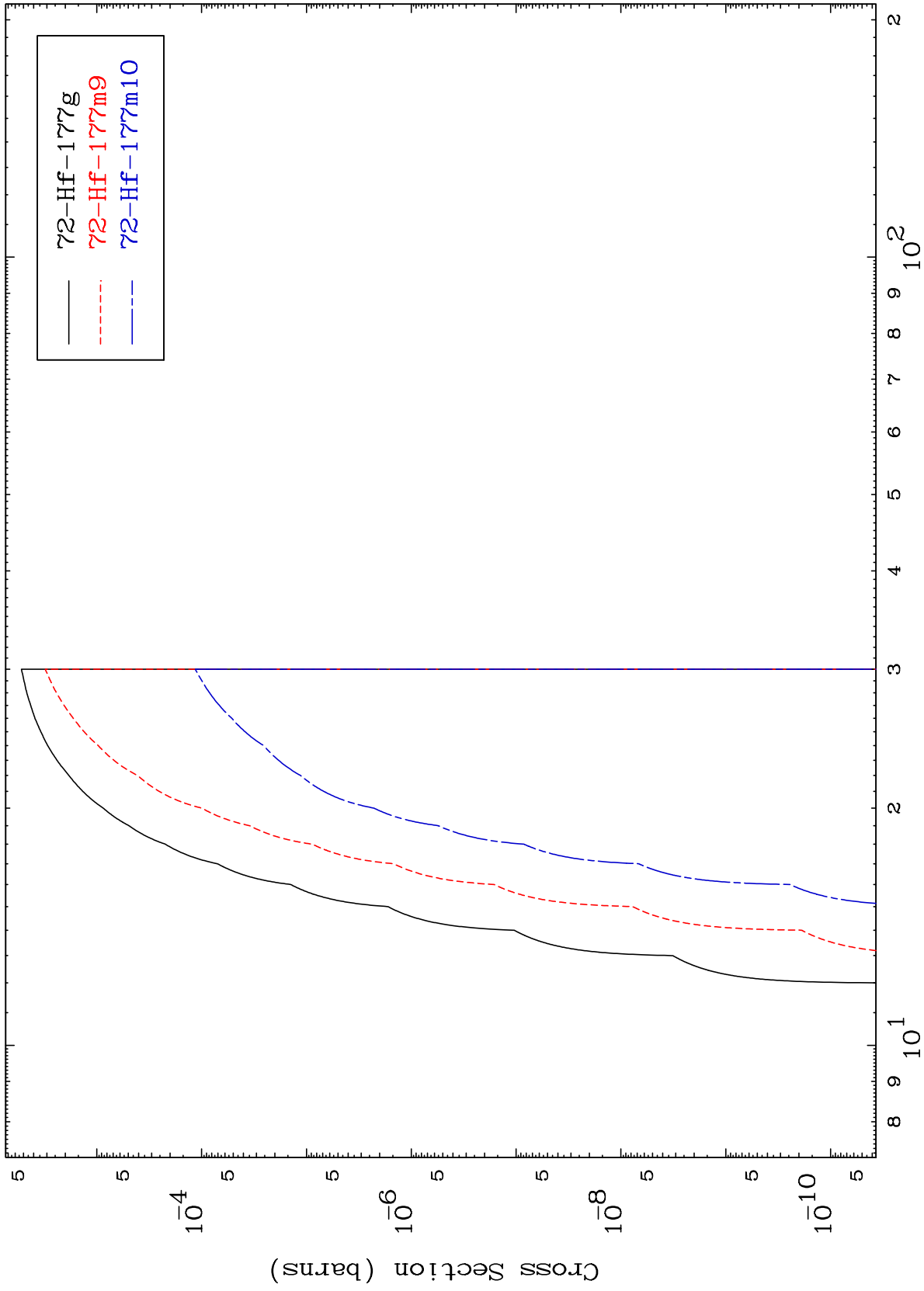
72-Hf-179

MAT 7240

(d,n') t

72-Hf-179

Radionuclide Production Cross Section



19

Incident Energy (MeV)

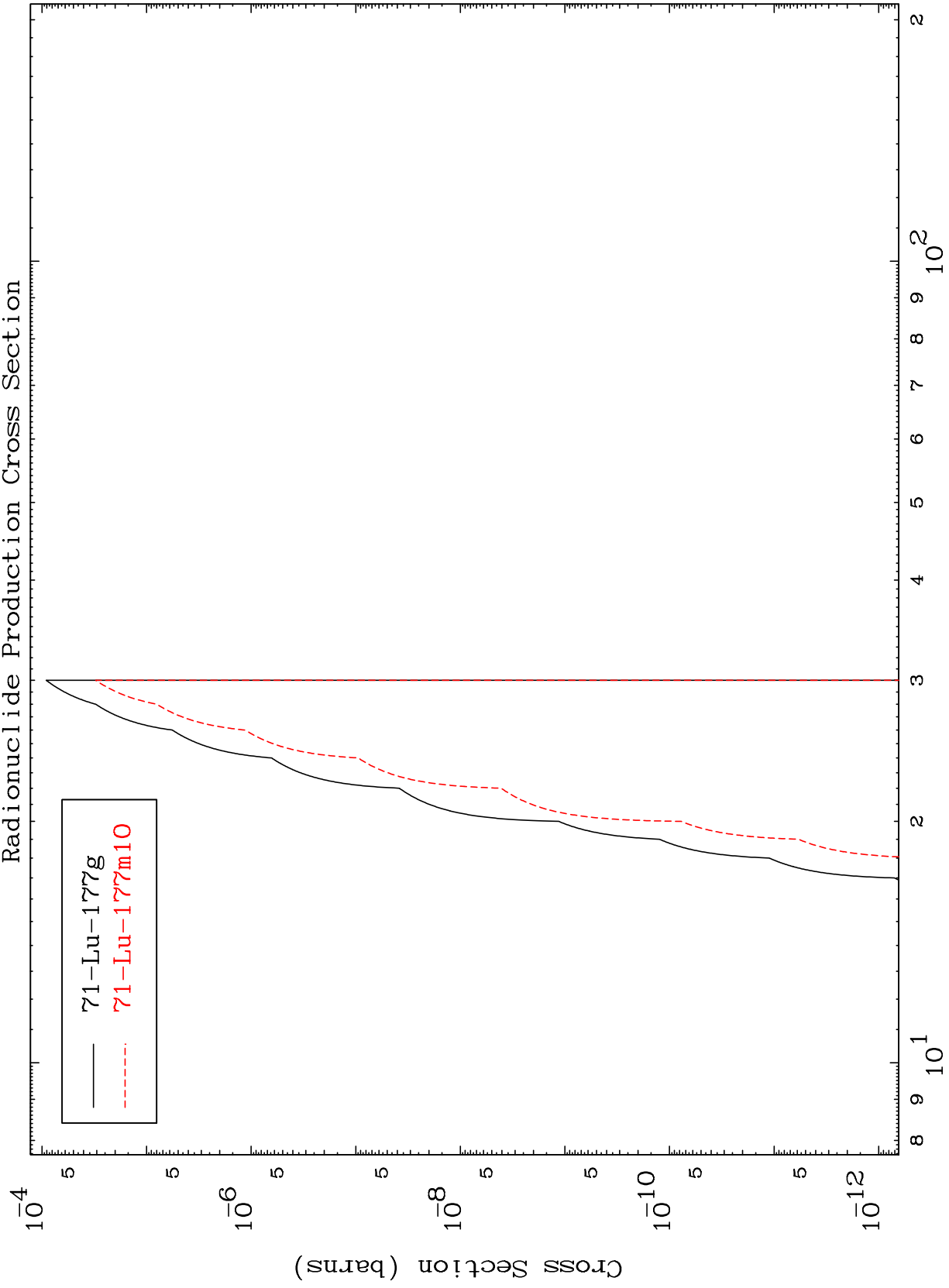
72-Hf-179

MAT 7240

(d, n') He-3

72-Hf-179

Radionuclide Production Cross Section



20

Incident Energy (MeV)

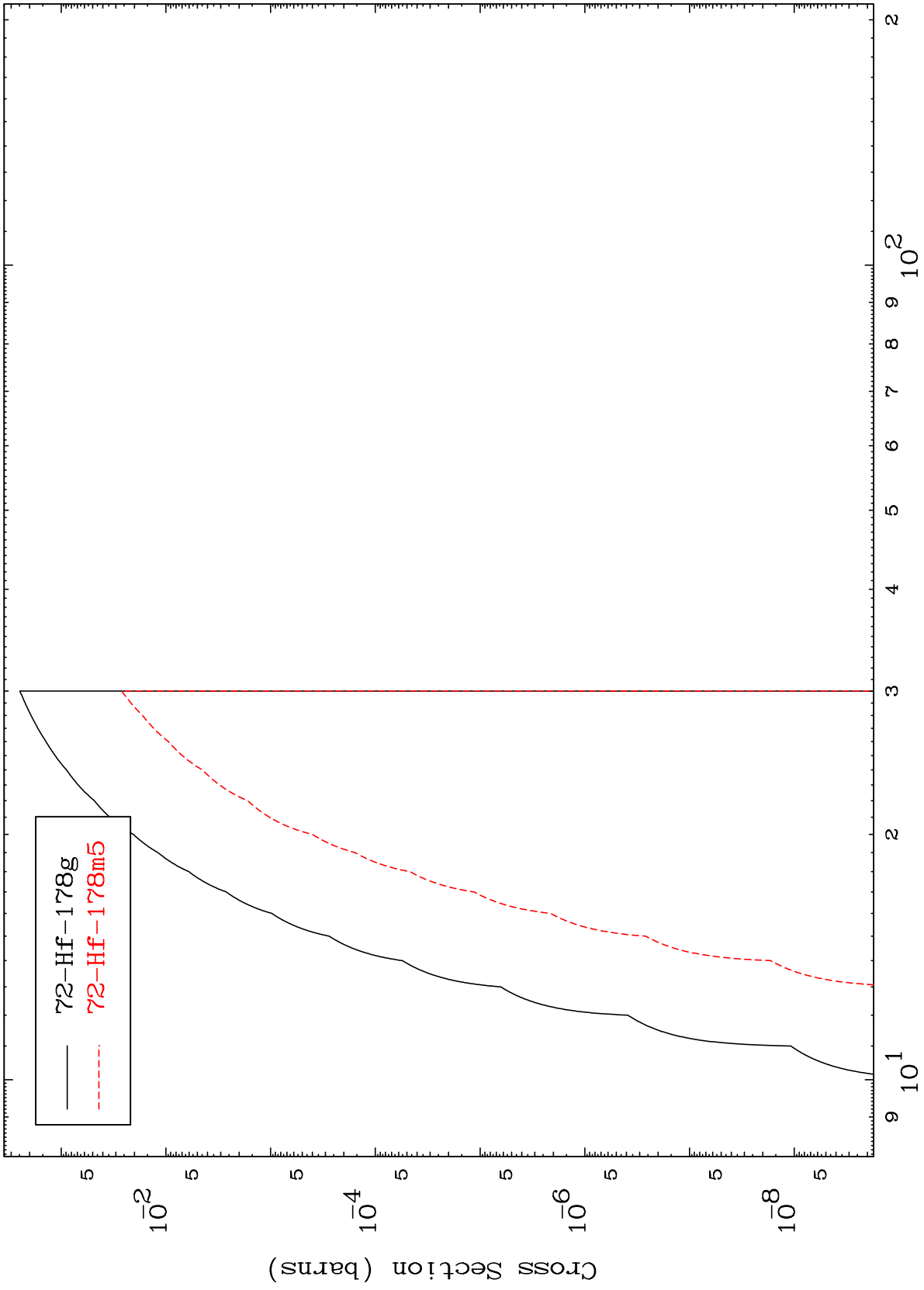
72-Hf-179

MAT 7240

(d,2n) p

72-Hf-179

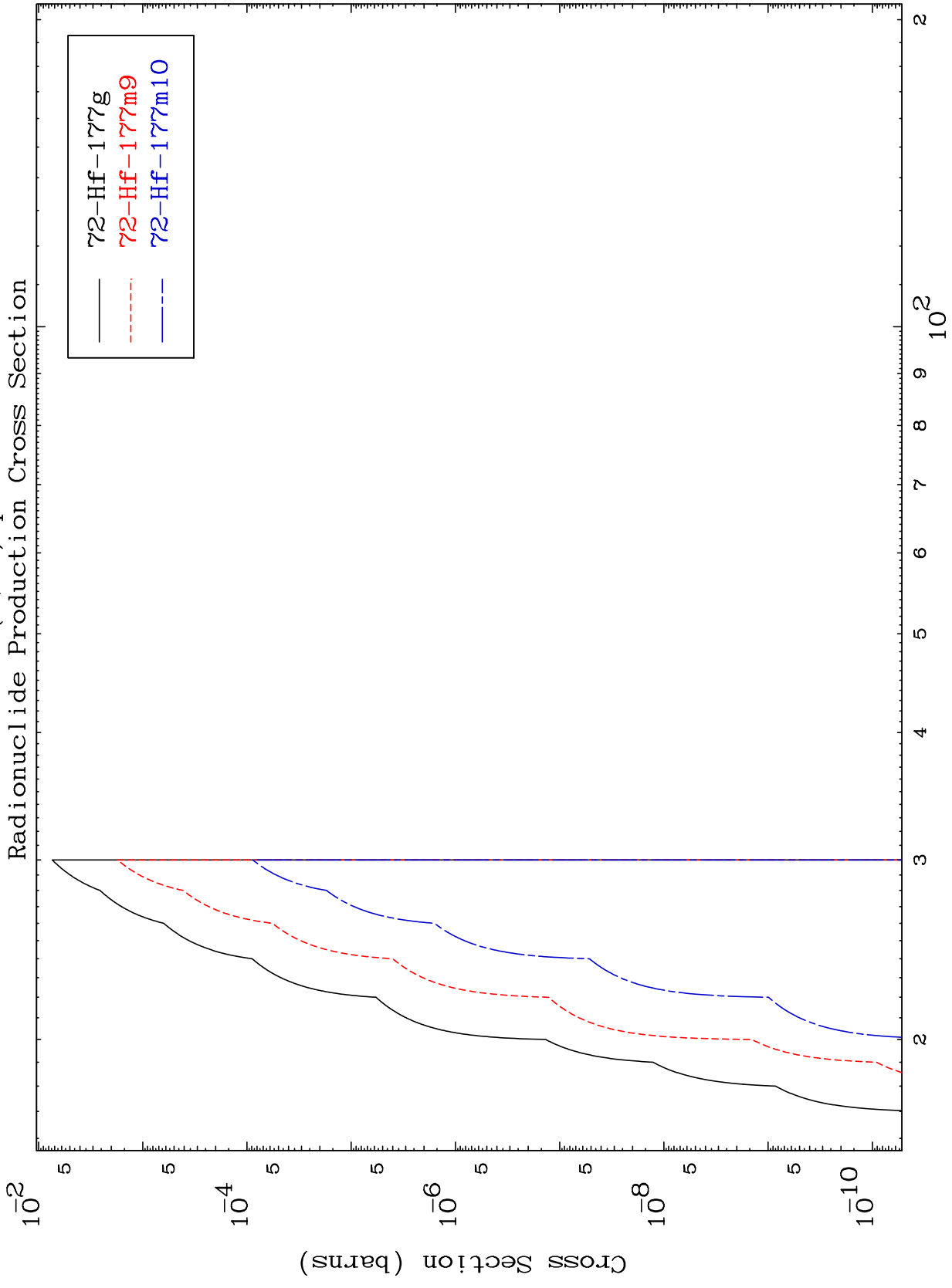
Radionuclide Production Cross Section



21

Incident Energy (MeV)

72-Hf-179

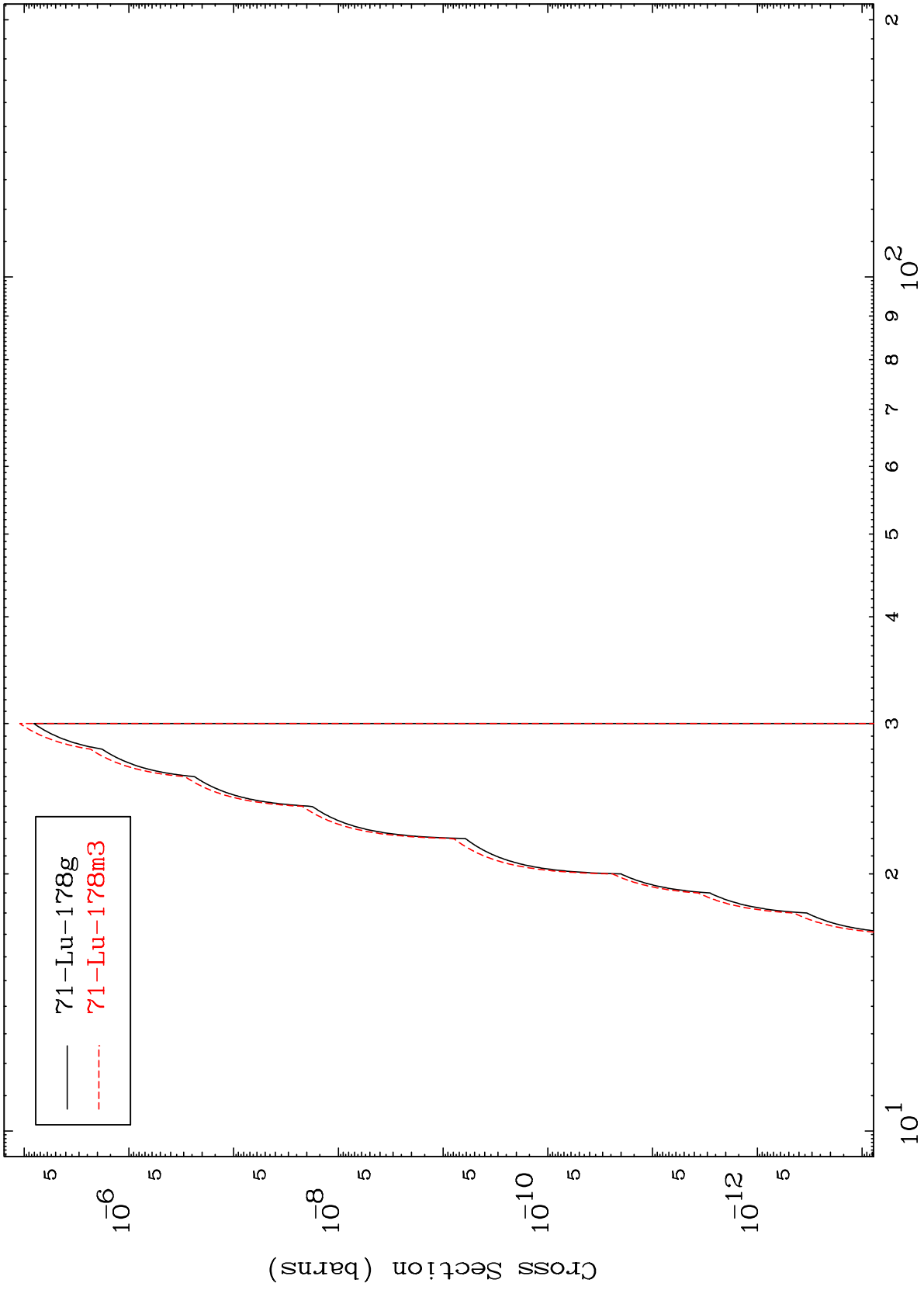


MAT 7240

(d,2n) p

72-Hf-179

Radionuclide Production Cross Section



23

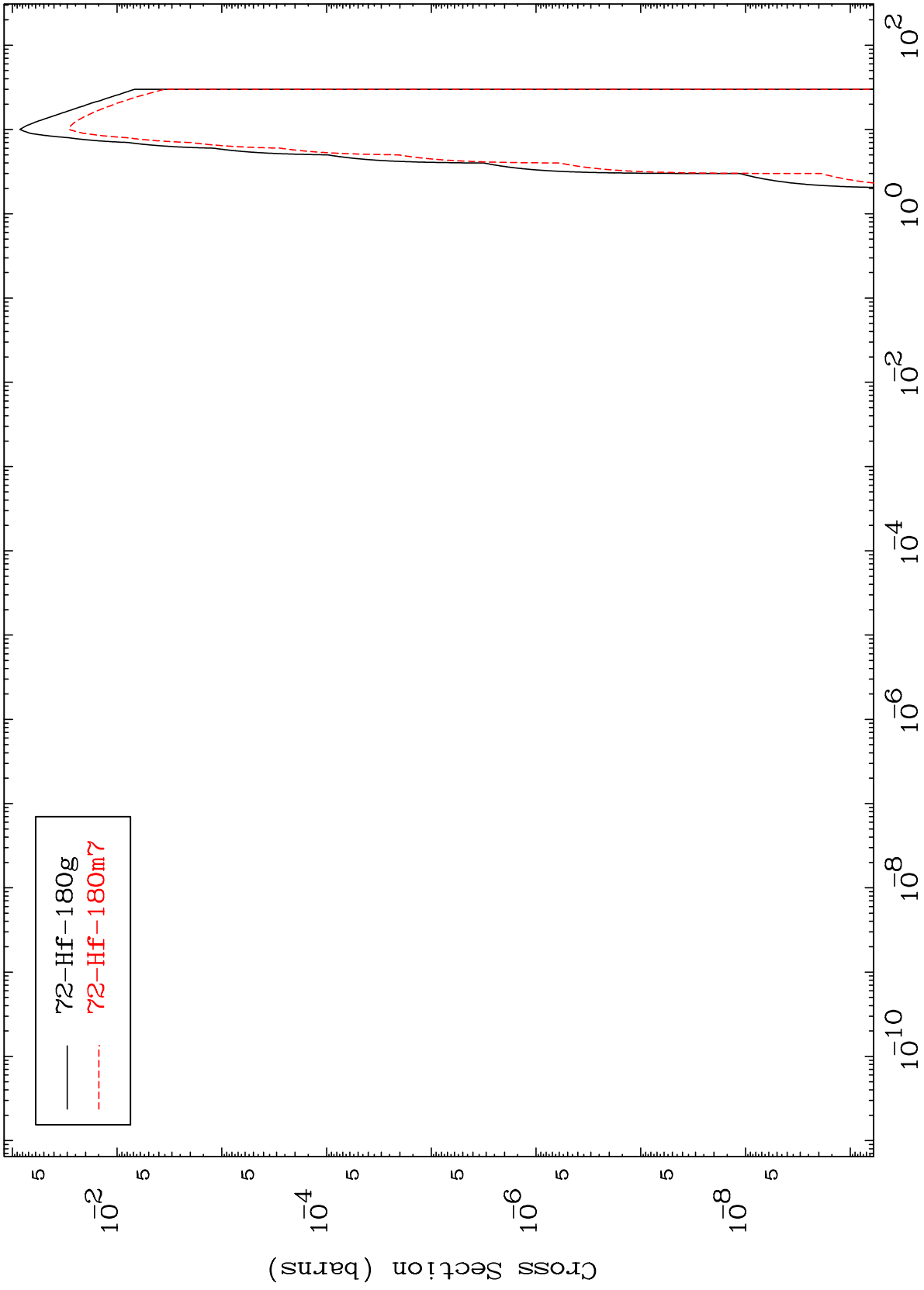
Incident Energy (MeV)

72-Hf-179

MAT 7240

(d,p)
Radionuclide Production Cross Section

72-Hf-179



24

Incident Energy (MeV)

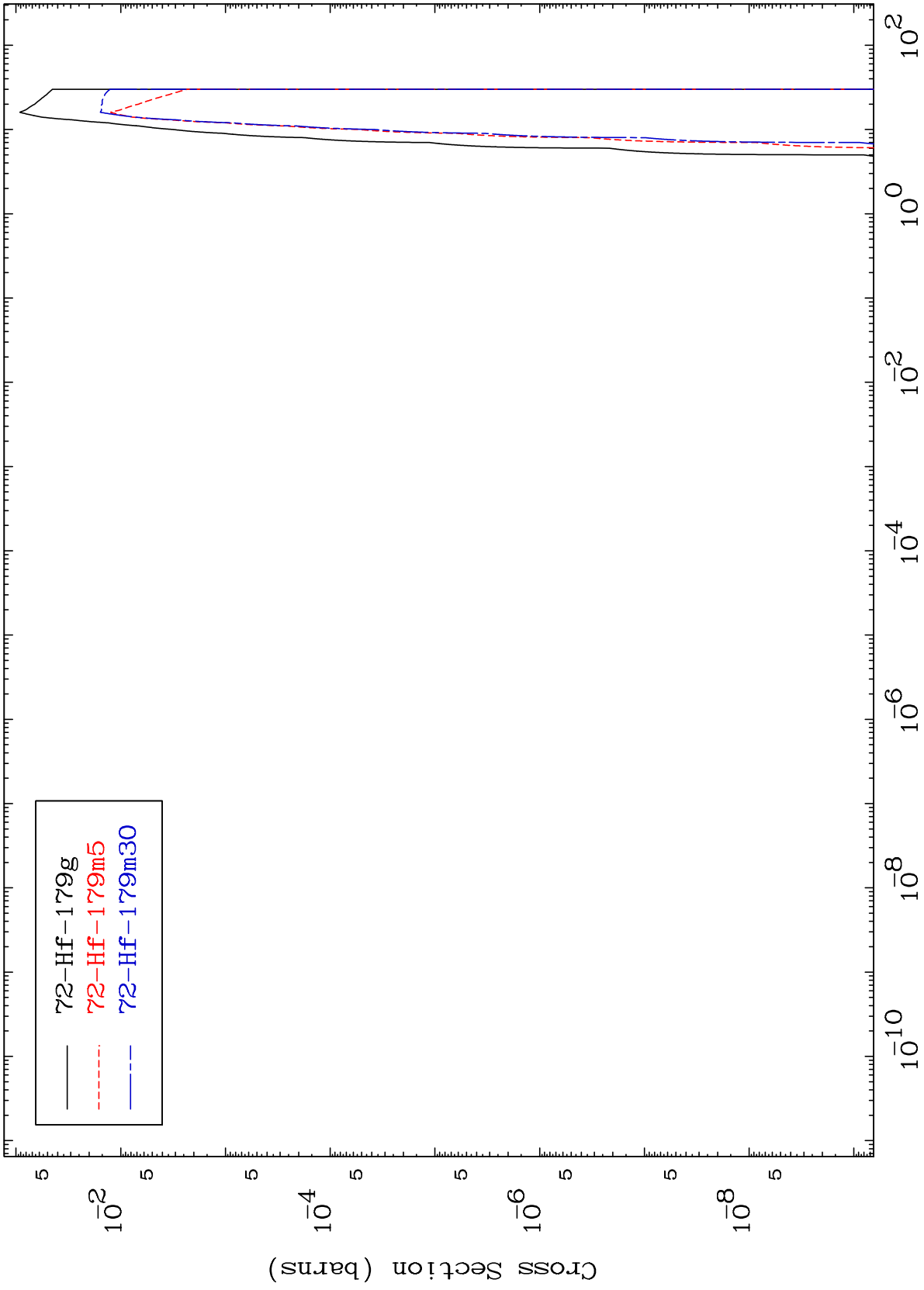
72-Hf-179

MAT 7240

(d,d)

Radionuclide Production Cross Section

72-Hf-179



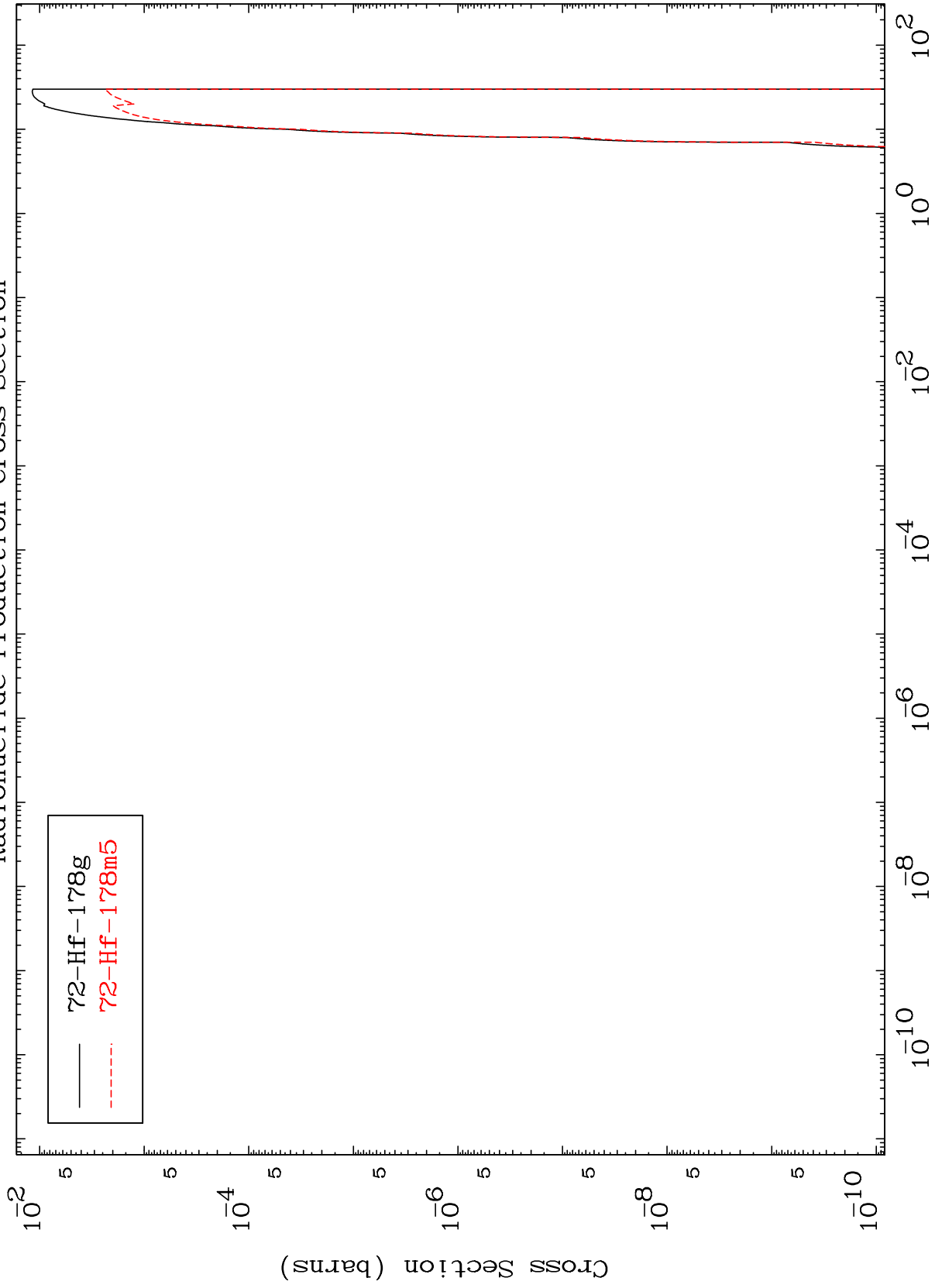
72-Hf-179g
72-Hf-179m5
72-Hf-179m30

MAT 7240

(d, t)

72-Hf-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

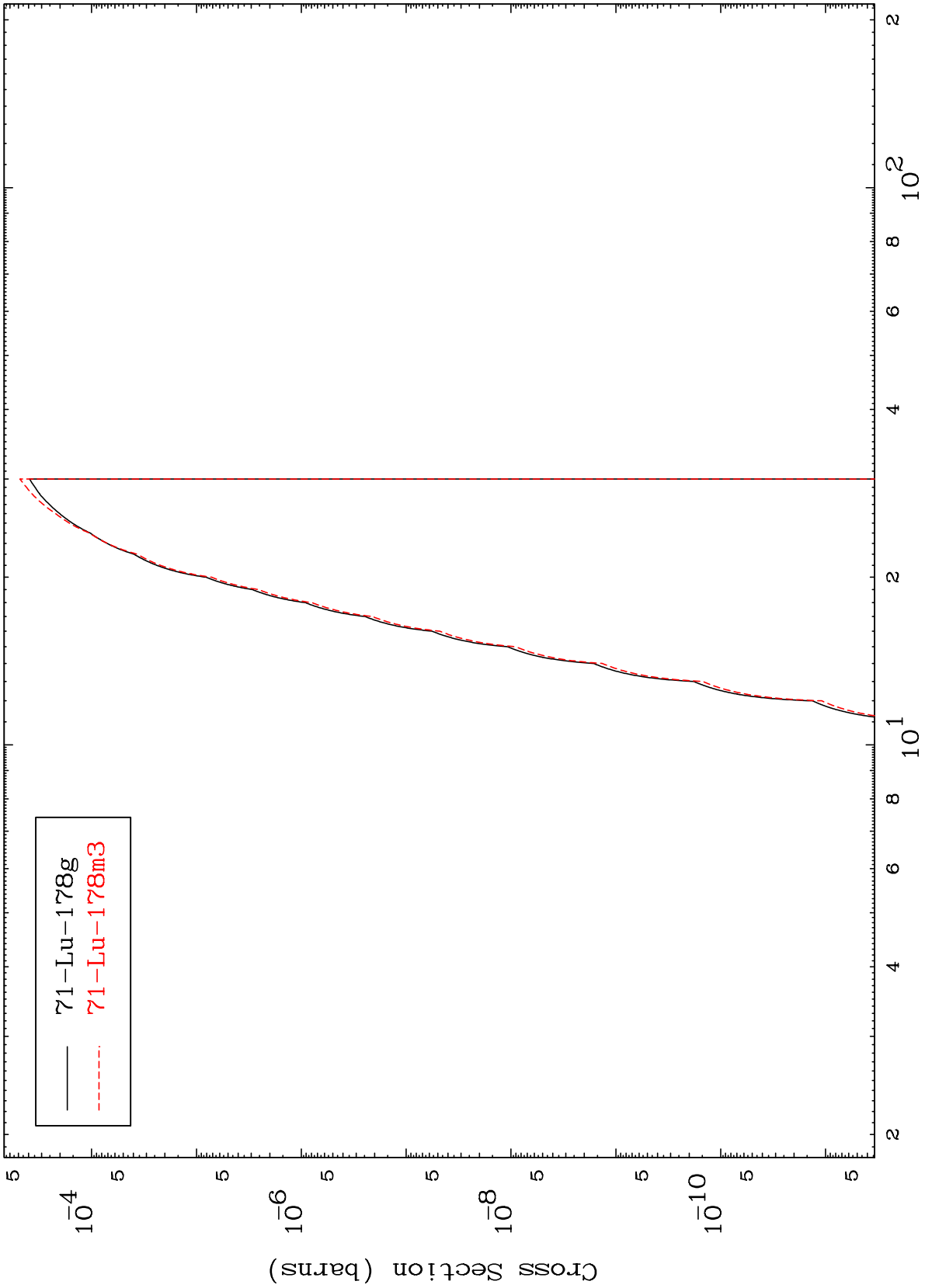
72-Hf-179

MAT 7240

(d, He-3)

72-Hf-179

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

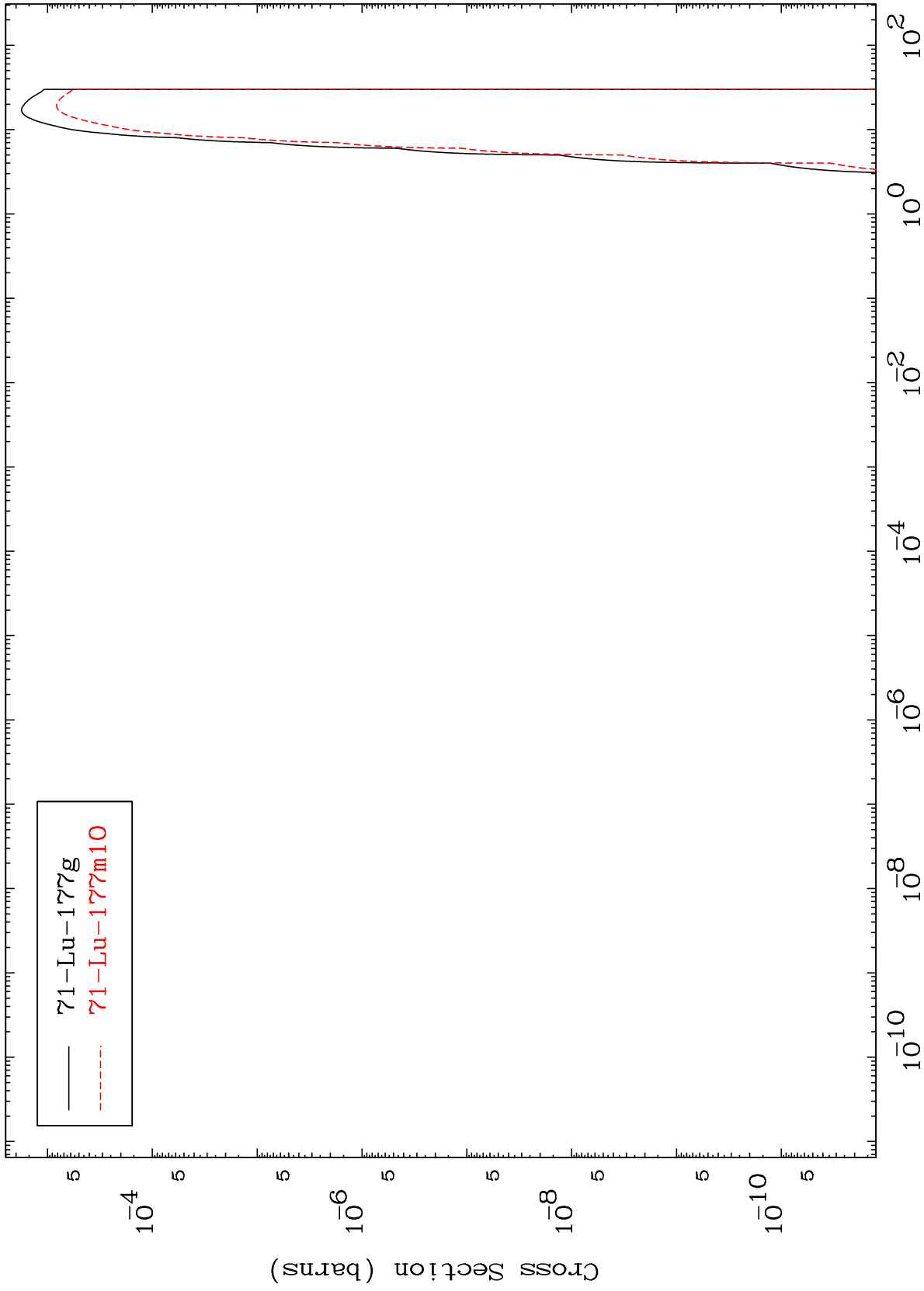
72-Hf-179

MAT 7240

(d, α)

72-Hf-179

Radionuclide Production Cross Section

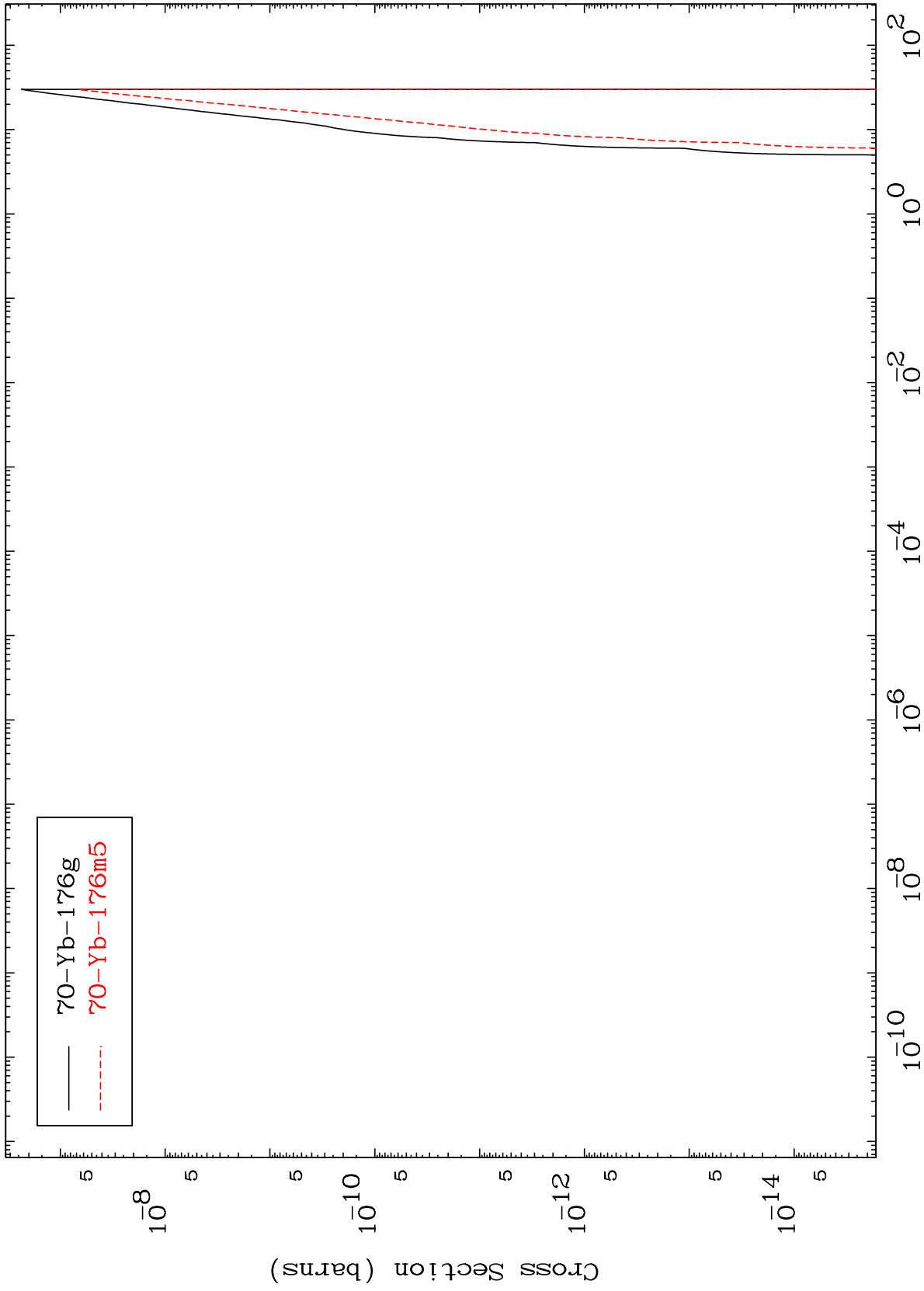


MAT 7240

(d,p) α

72-Hf-179

Radionuclide Production Cross Section



29

Incident Energy (MeV)

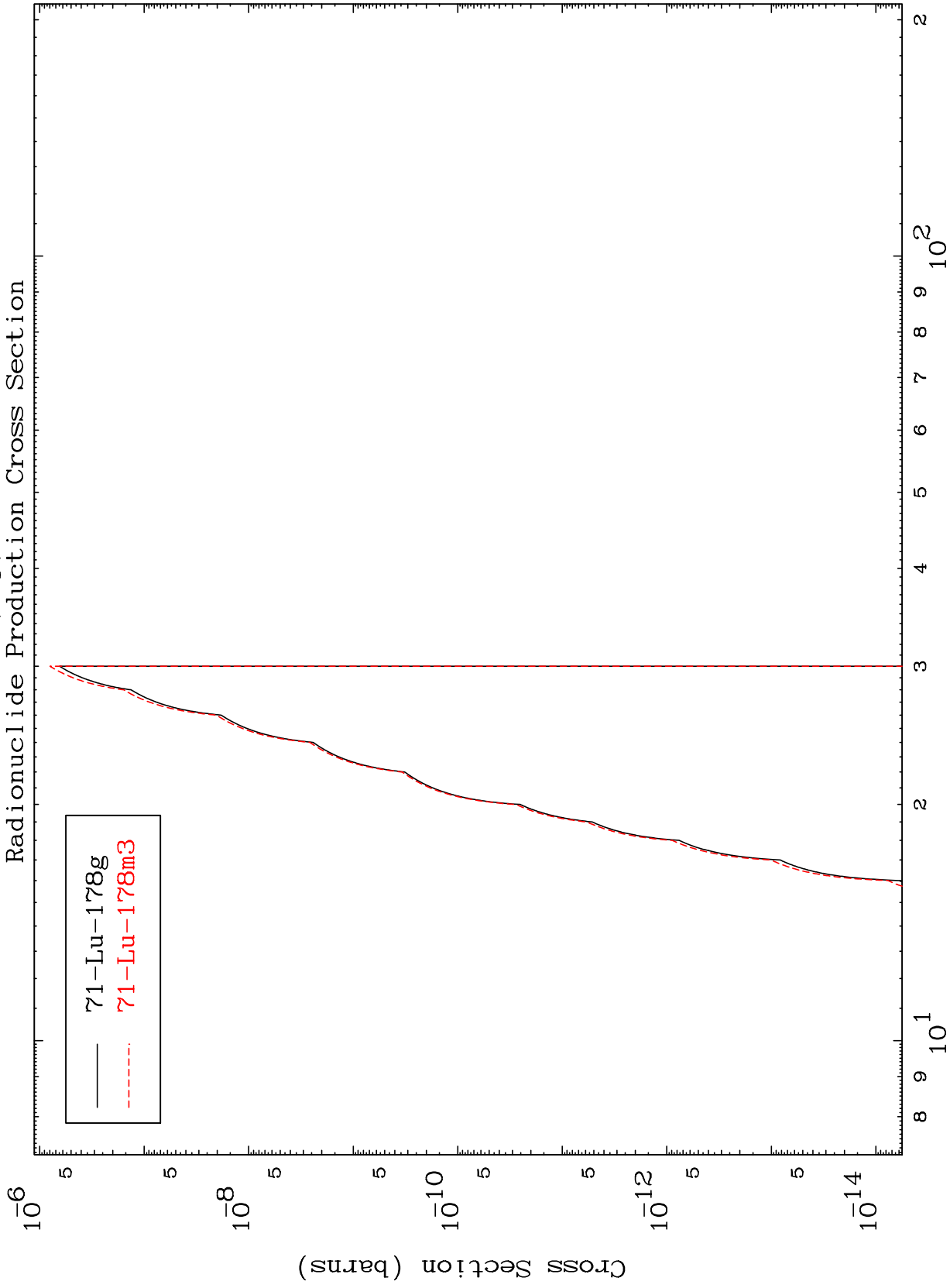
72-Hf-179

MAT 7240

(d,p) d

72-Hf-179

Radionuclide Production Cross Section



30

Incident Energy (MeV)

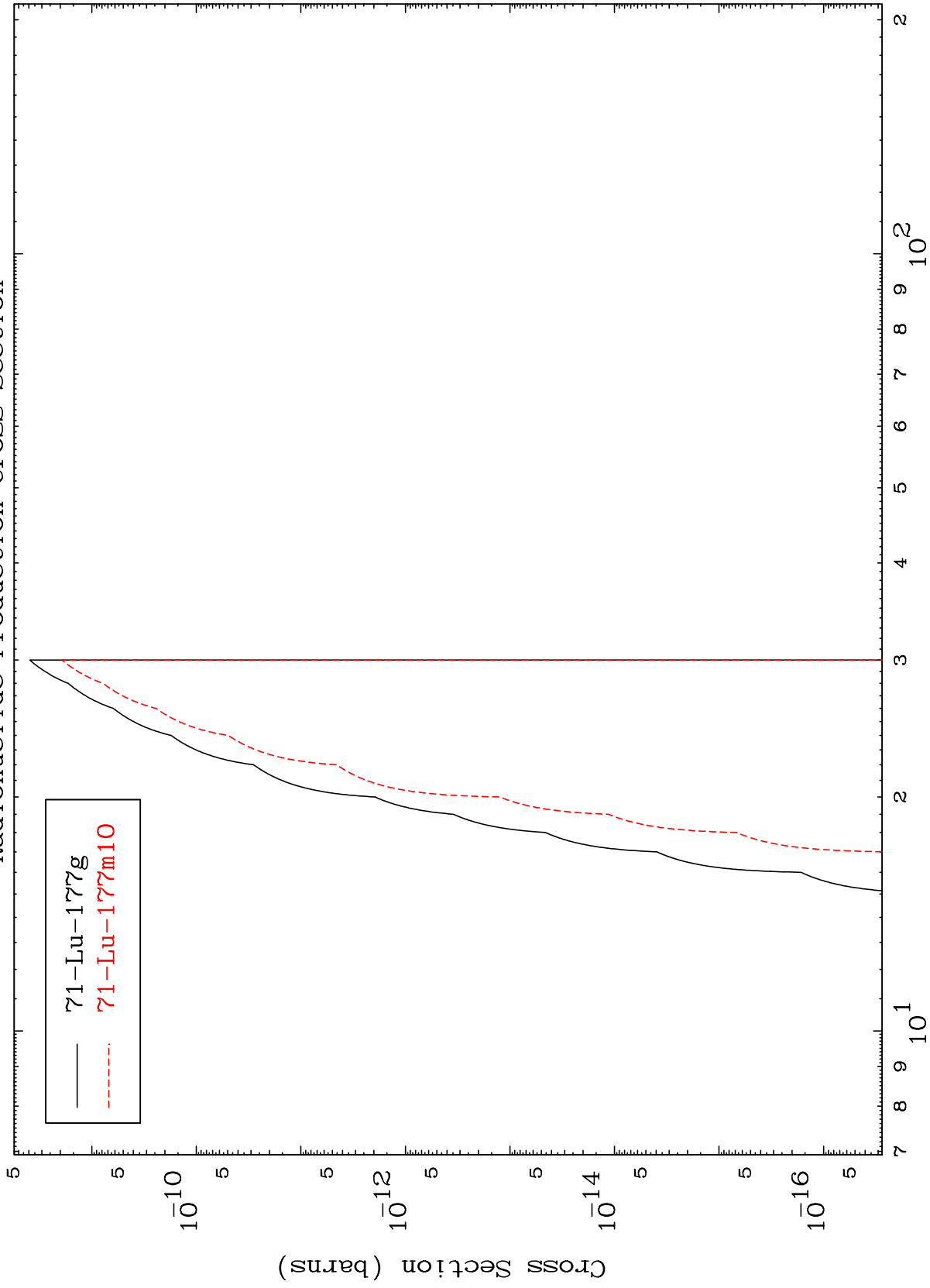
72-Hf-179

MAT 7240

(d,p) t

72-Hf-179

Radionuclide Production Cross Section



31

72-Hf-179