

Program EVALPLOT
(Version 2021-1)

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

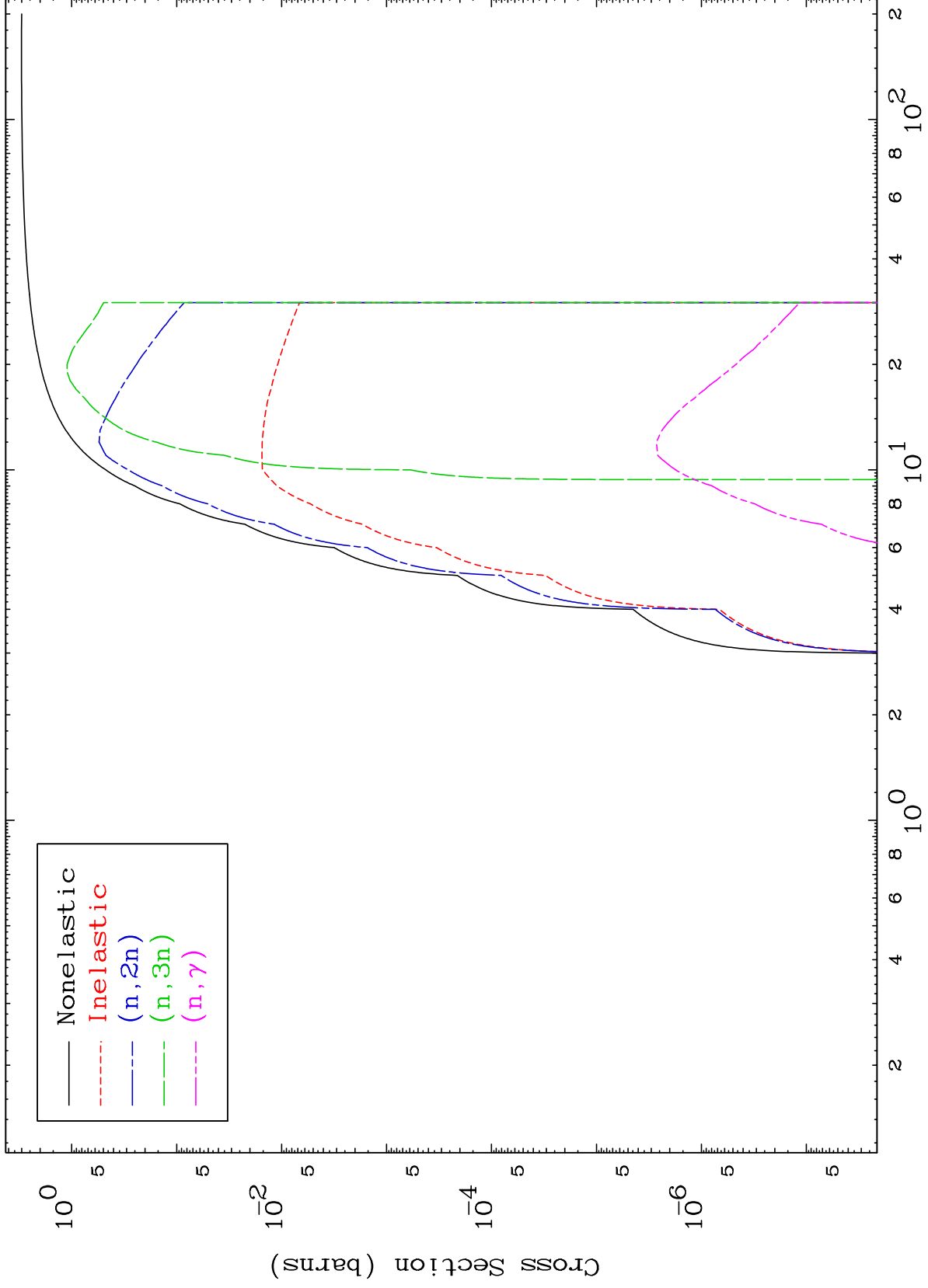
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7331

Deuteron Major
0 Kelvin Cross Sections

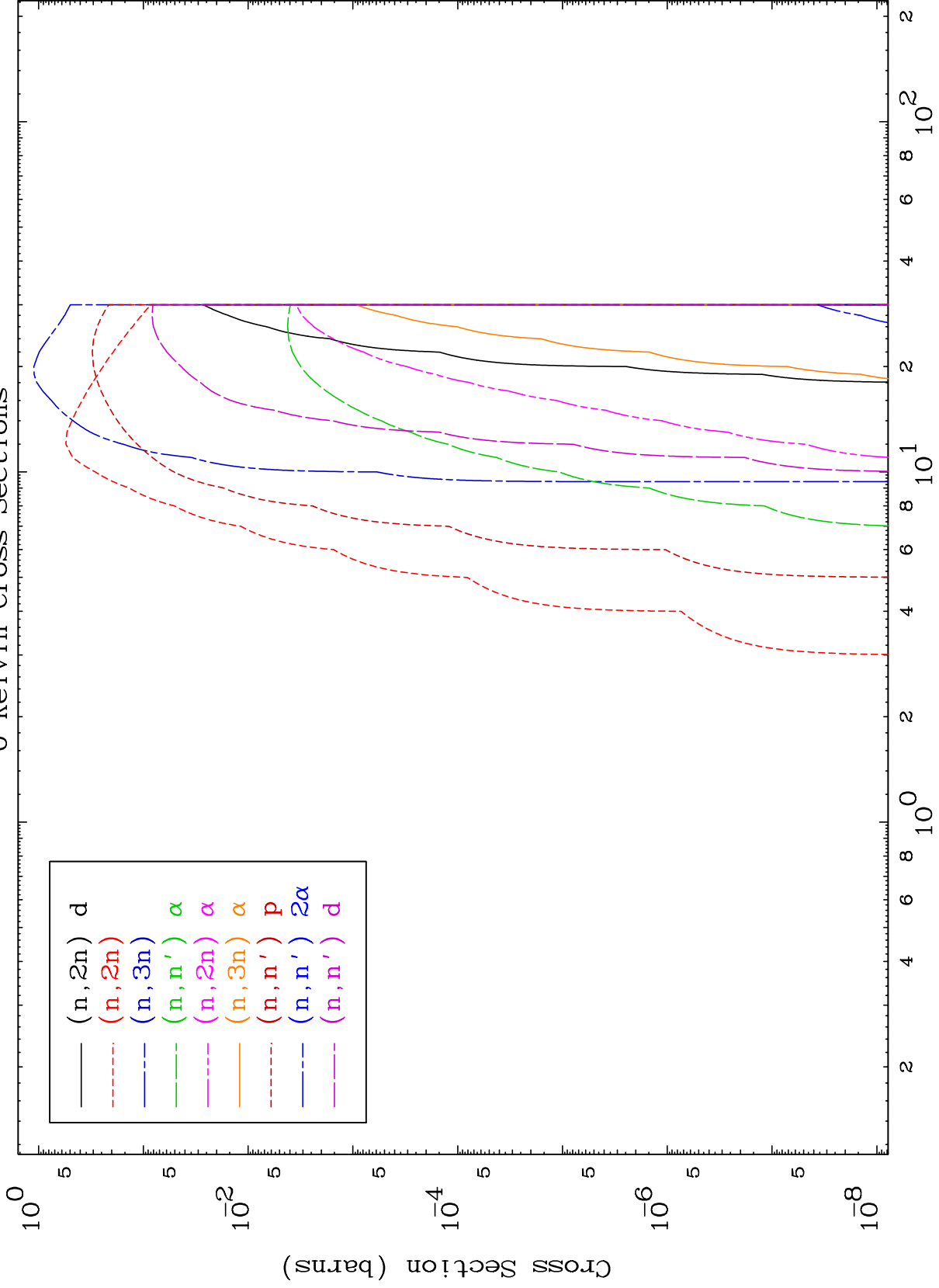
⁷³Ta-182



MAT 7331

Deuteron Neutron Absorption
0 Kelvin Cross Sections

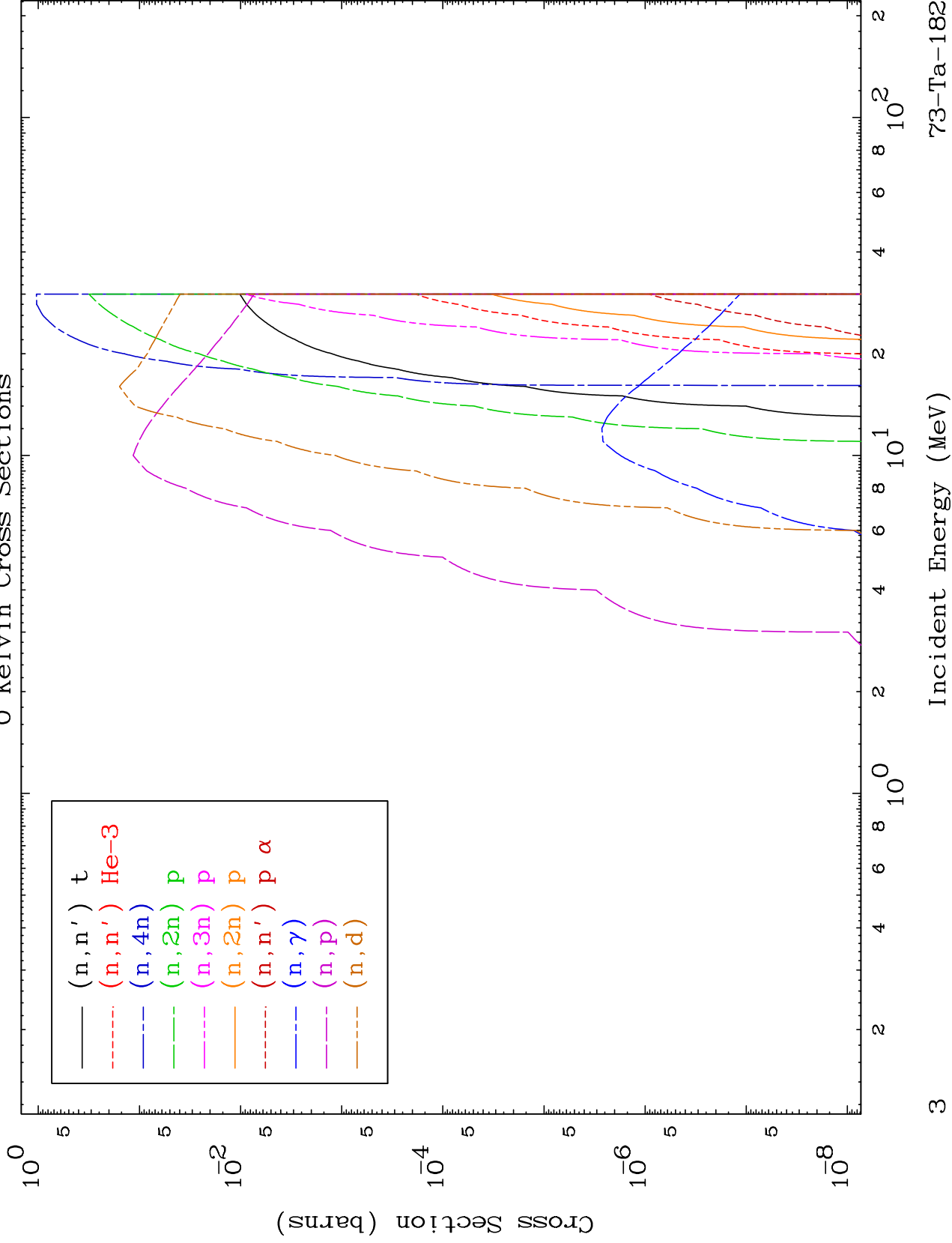
73-Ta-182



MAT 7331

Deuteron Neutron Absorption
0 Kelvin Cross Sections

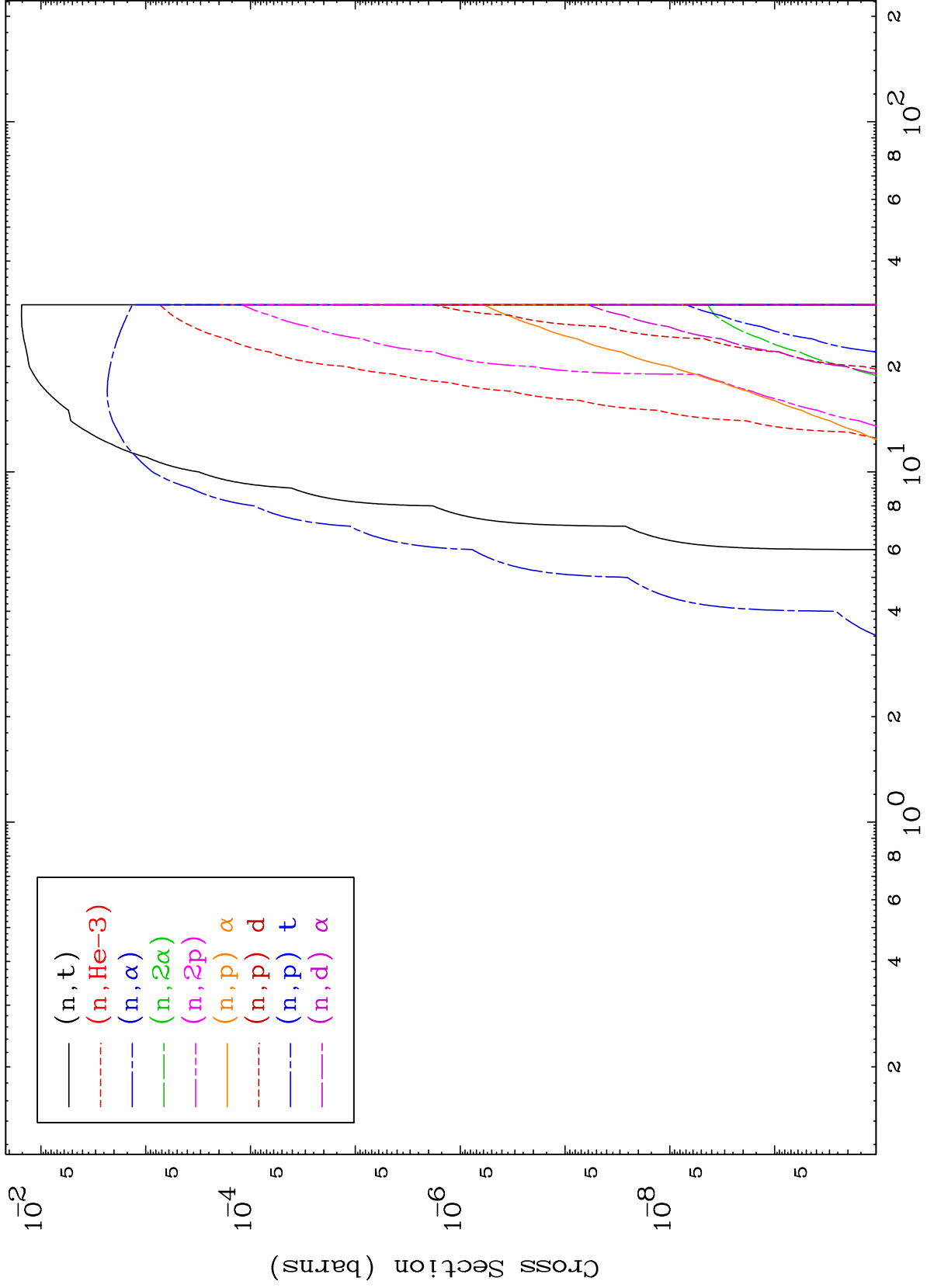
73-Ta-182

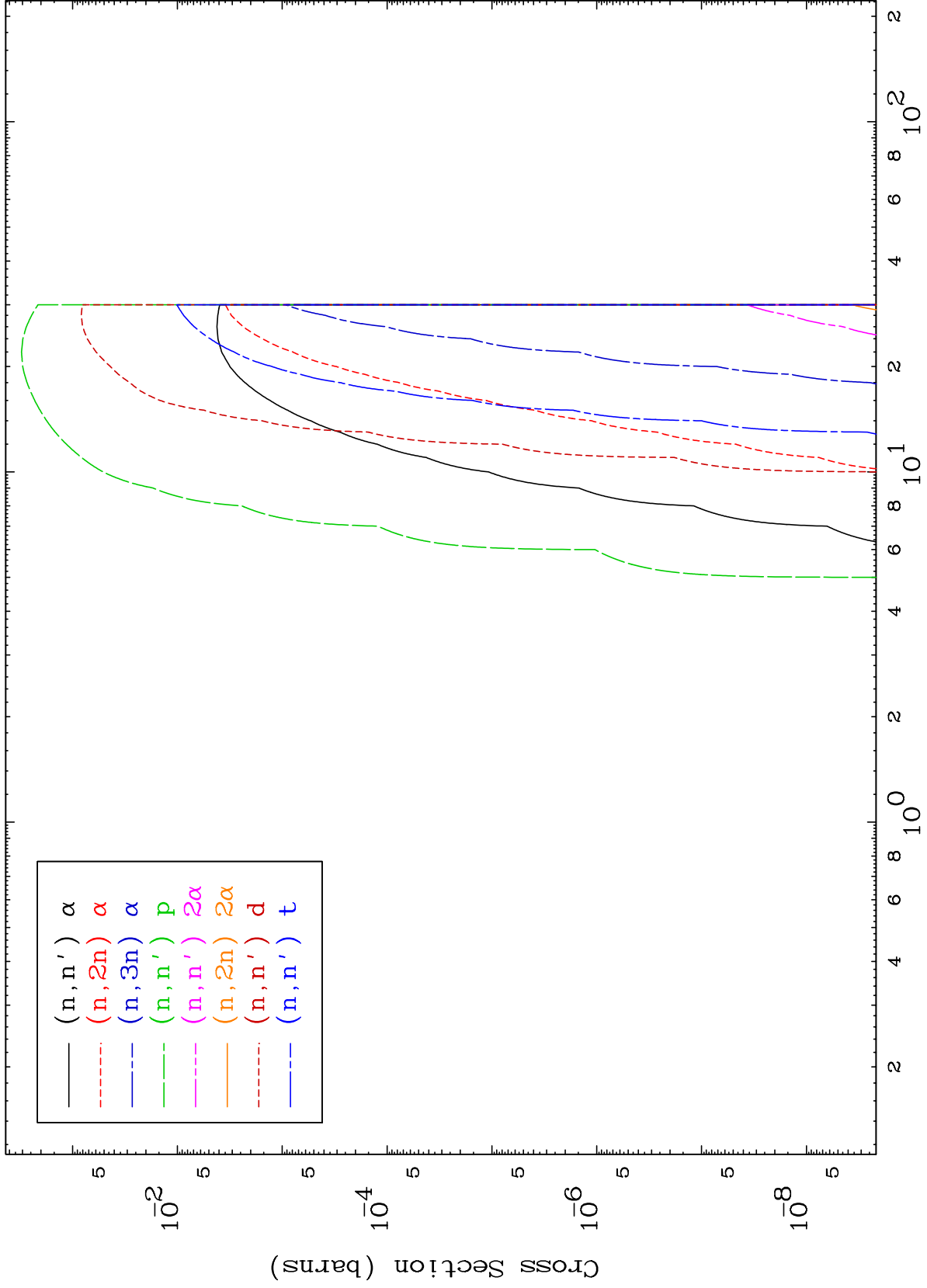


MAT 7331

Deuteron Neutron Absorption
0 Kelvin Cross Sections

73-Ta-182

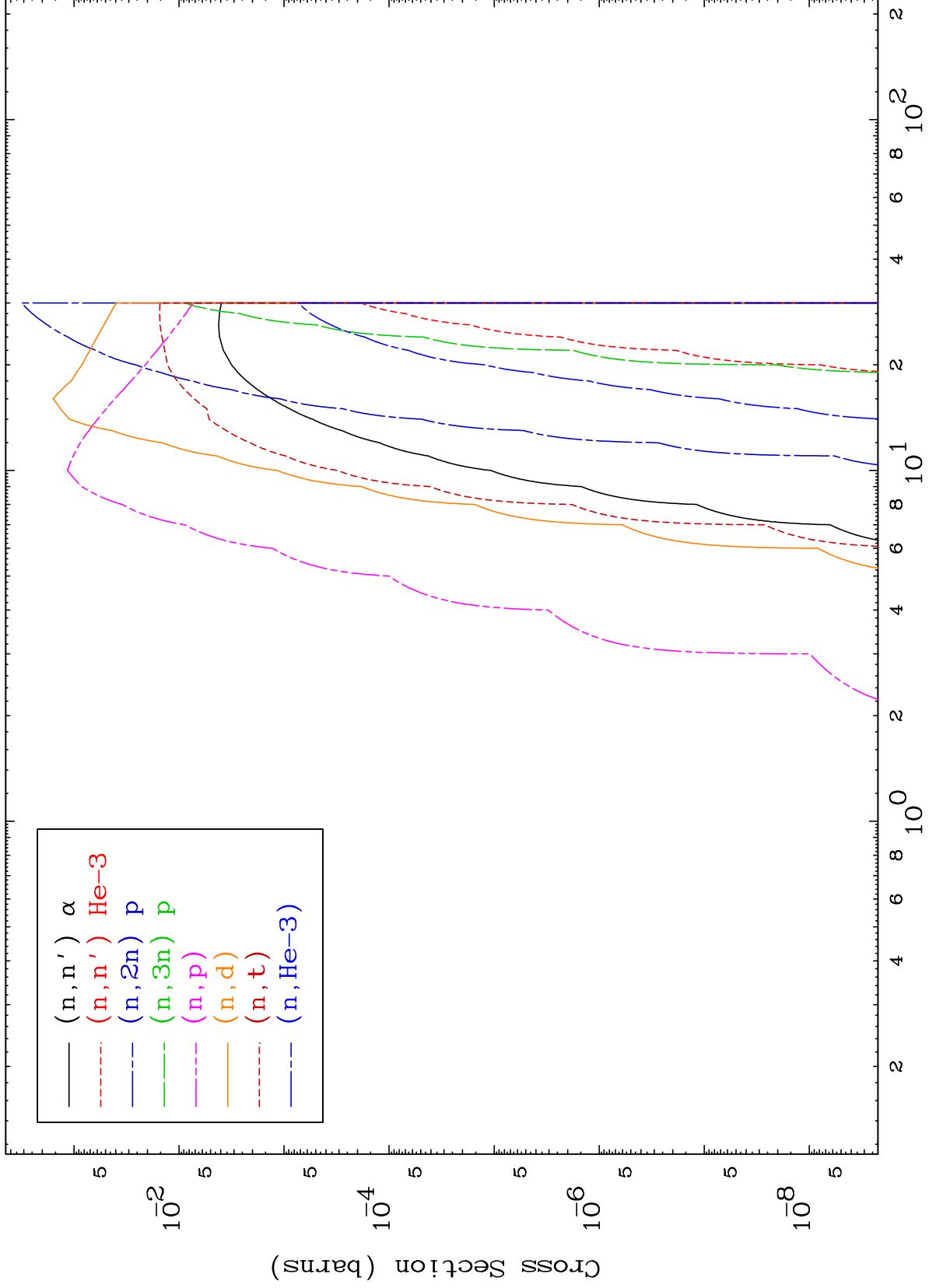




MAT 7331

Deuteron Charged Particle
0 Kelvin Cross Sections

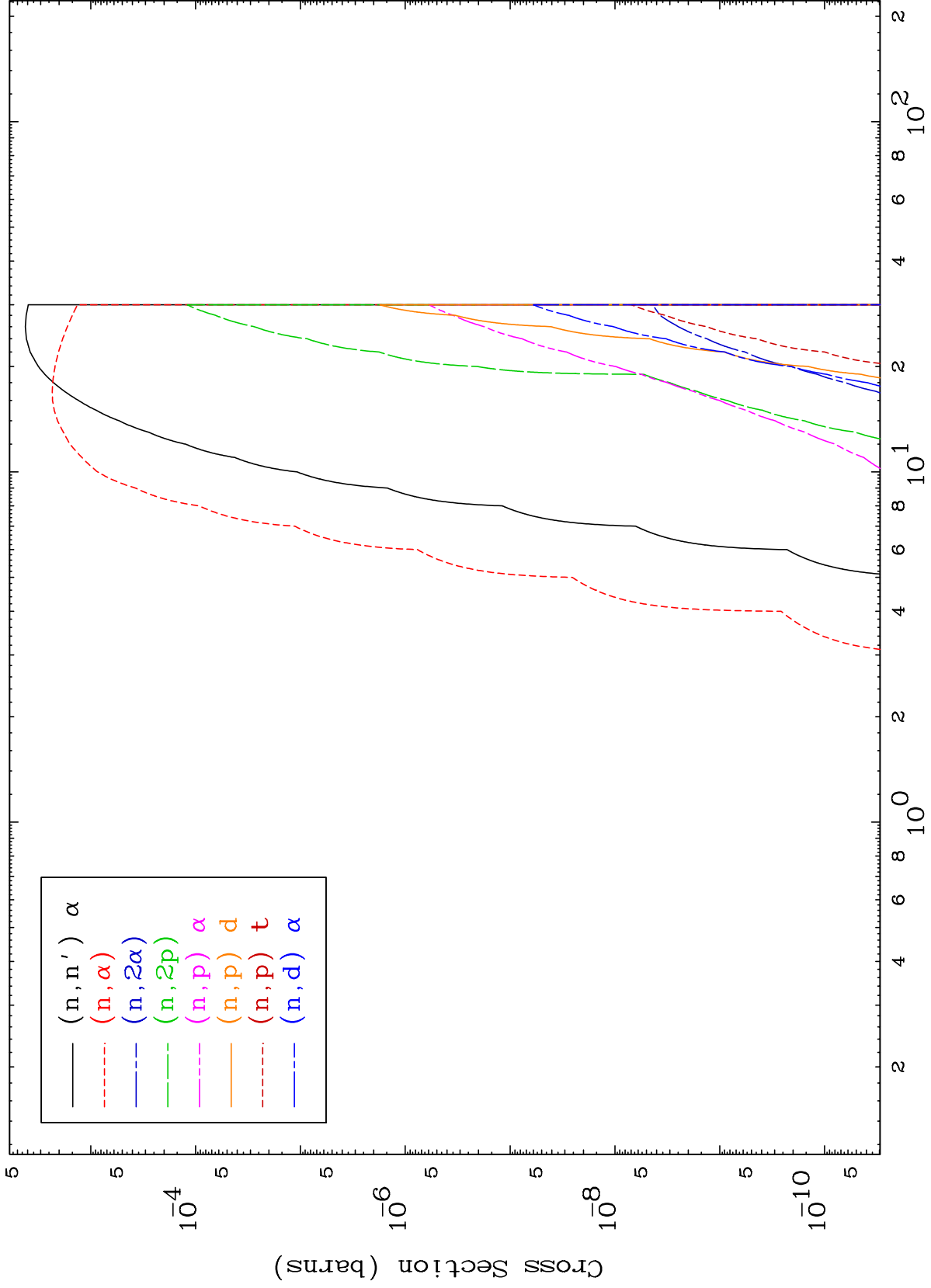
73-Ta-182



MAT 7331

Deuteron Charged Particle
0 Kelvin Cross Sections

73-Ta-182

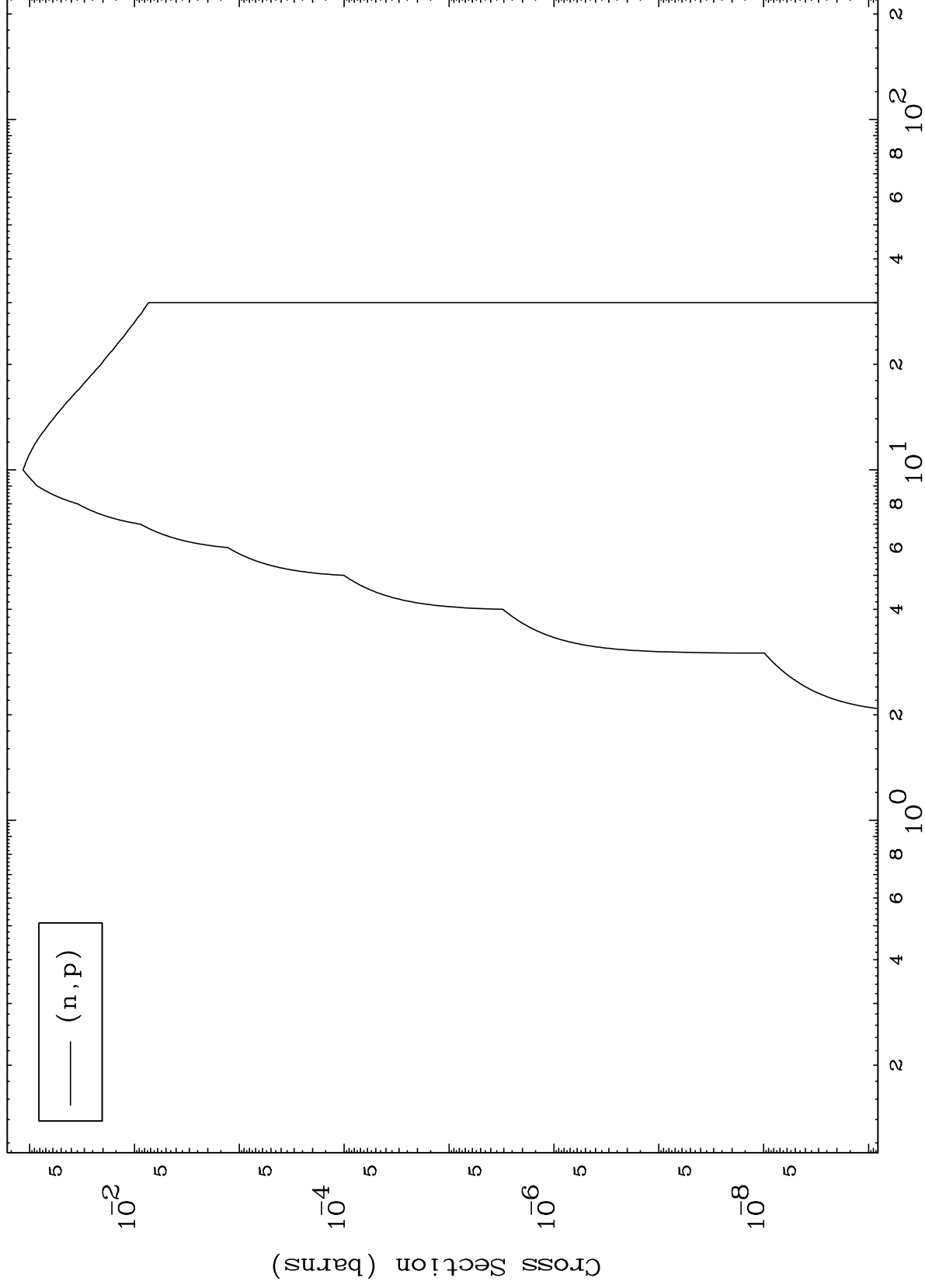


MAT 7331

(d,p) Levels

⁷³Ta-182

0 Kelvin Cross Sections

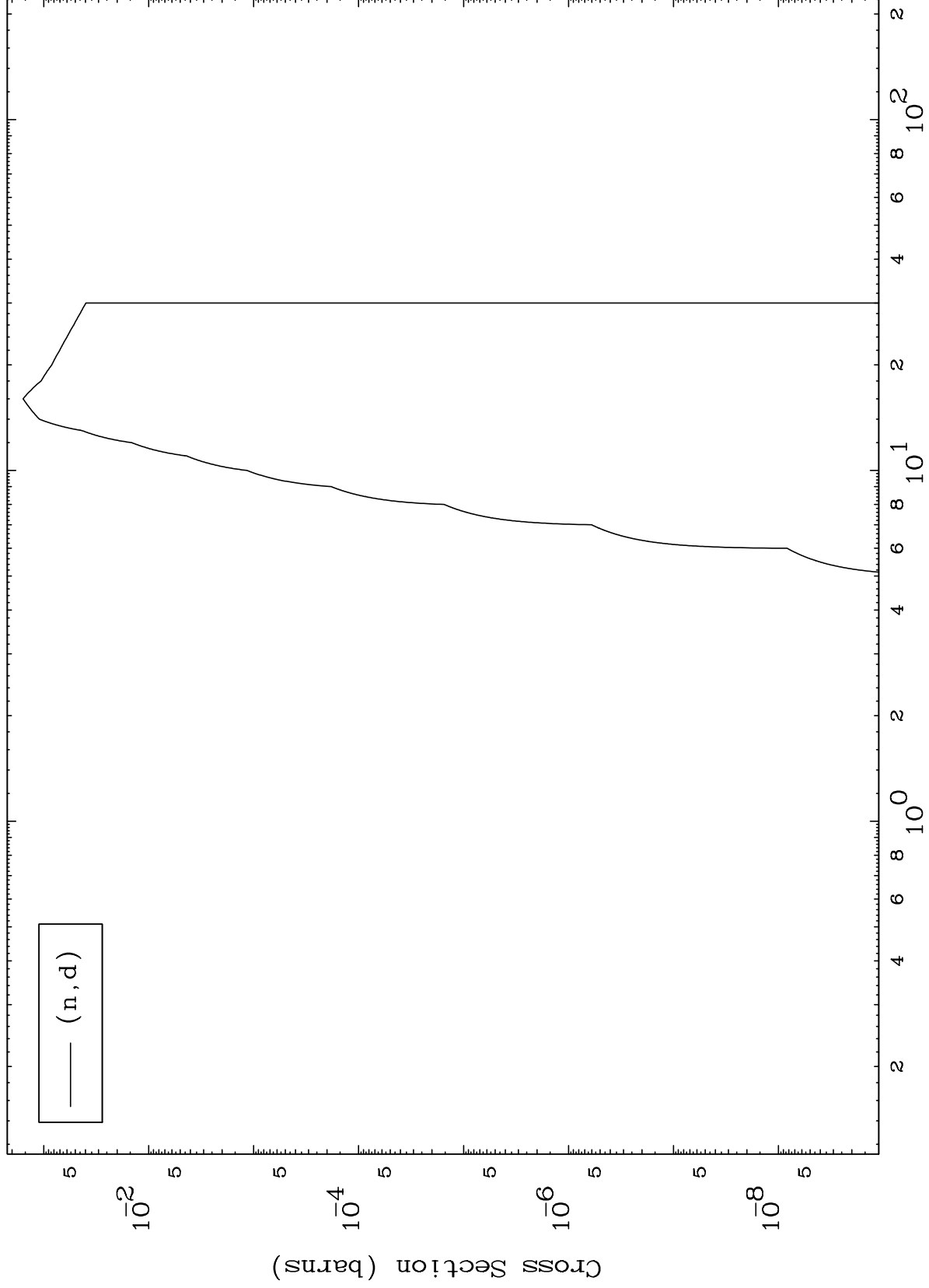


MAT 7331

(d,d) Levels

⁷³Ta-182

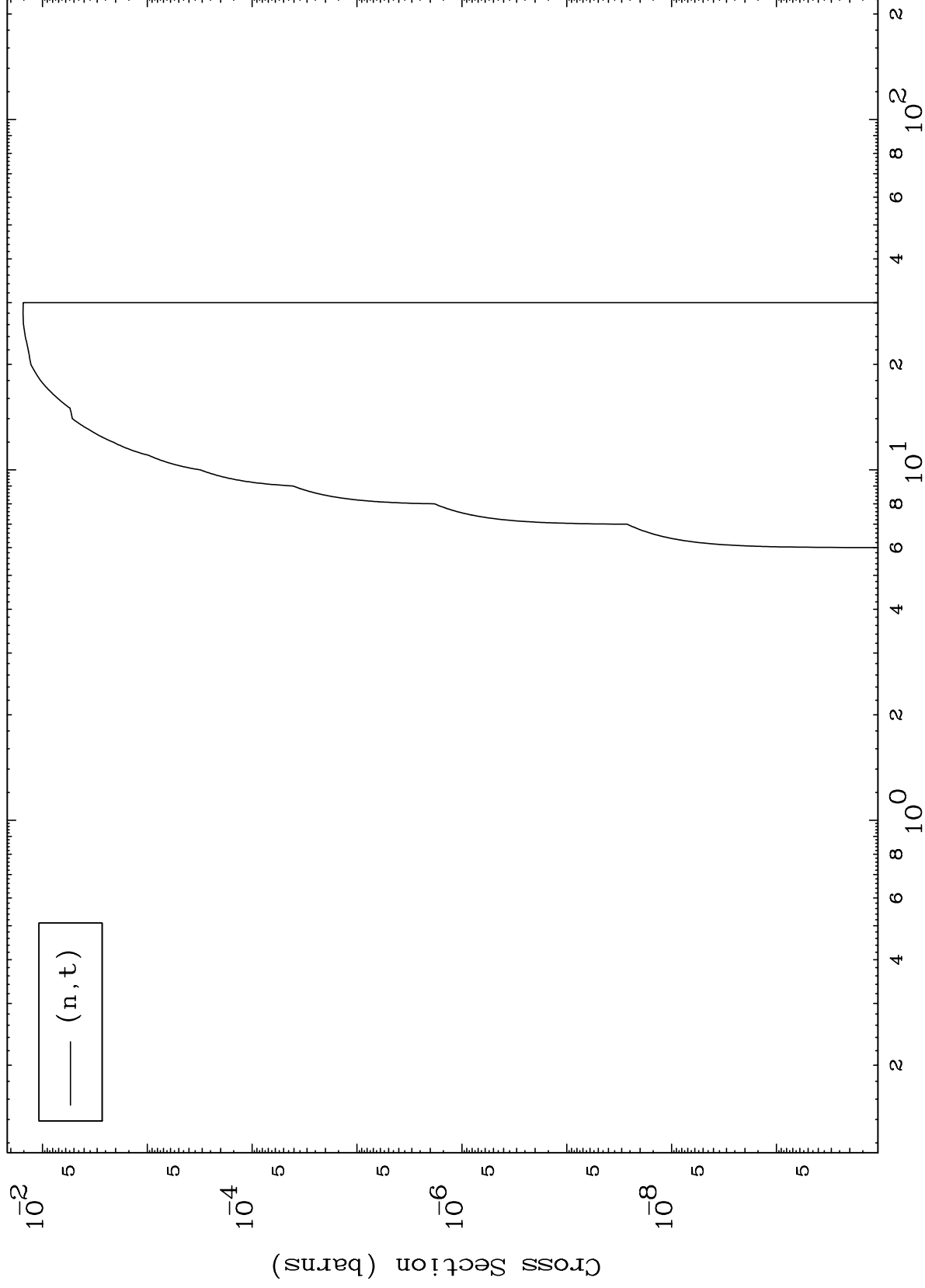
0 Kelvin Cross Sections



MAT 7331

73-Ta-182

(d,t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

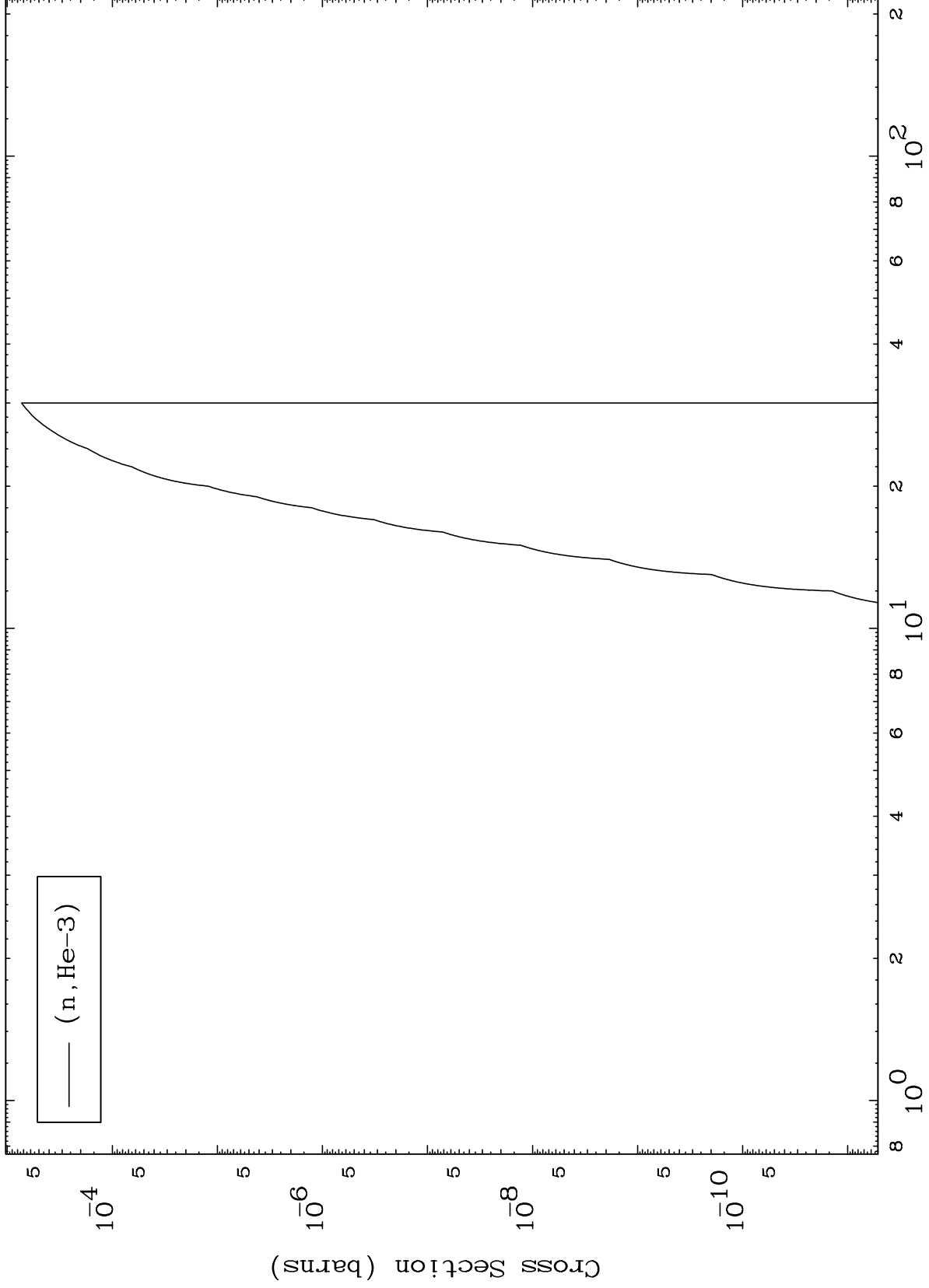
73-Ta-182

MAT 7331

(d,He3) Levels

73-Ta-182

0 Kelvin Cross Sections



11

Incident Energy (MeV)

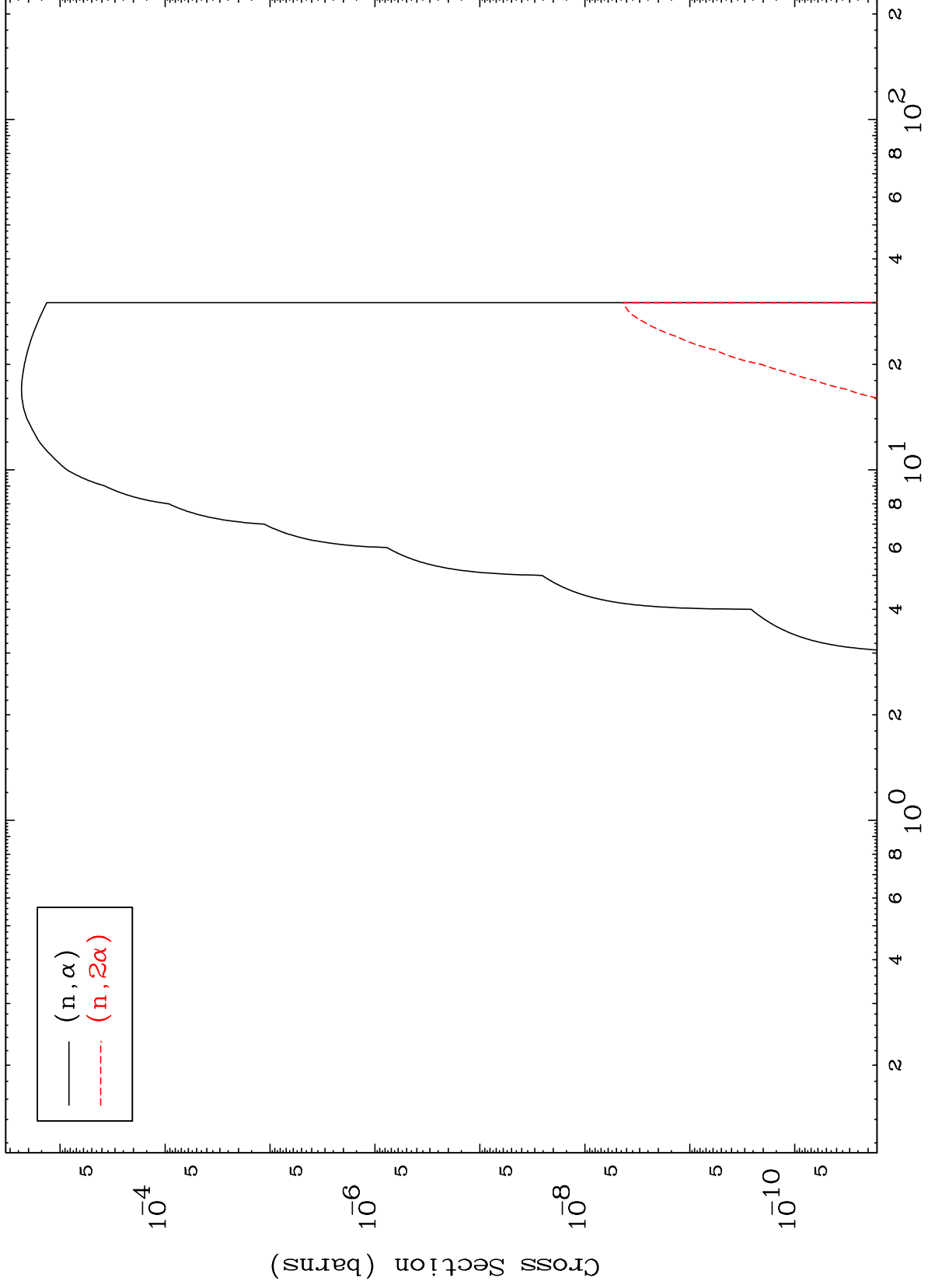
73-Ta-182

MAT 7331

(d, α) Levels

⁷³Ta-182

0 Kelvin Cross Sections



12

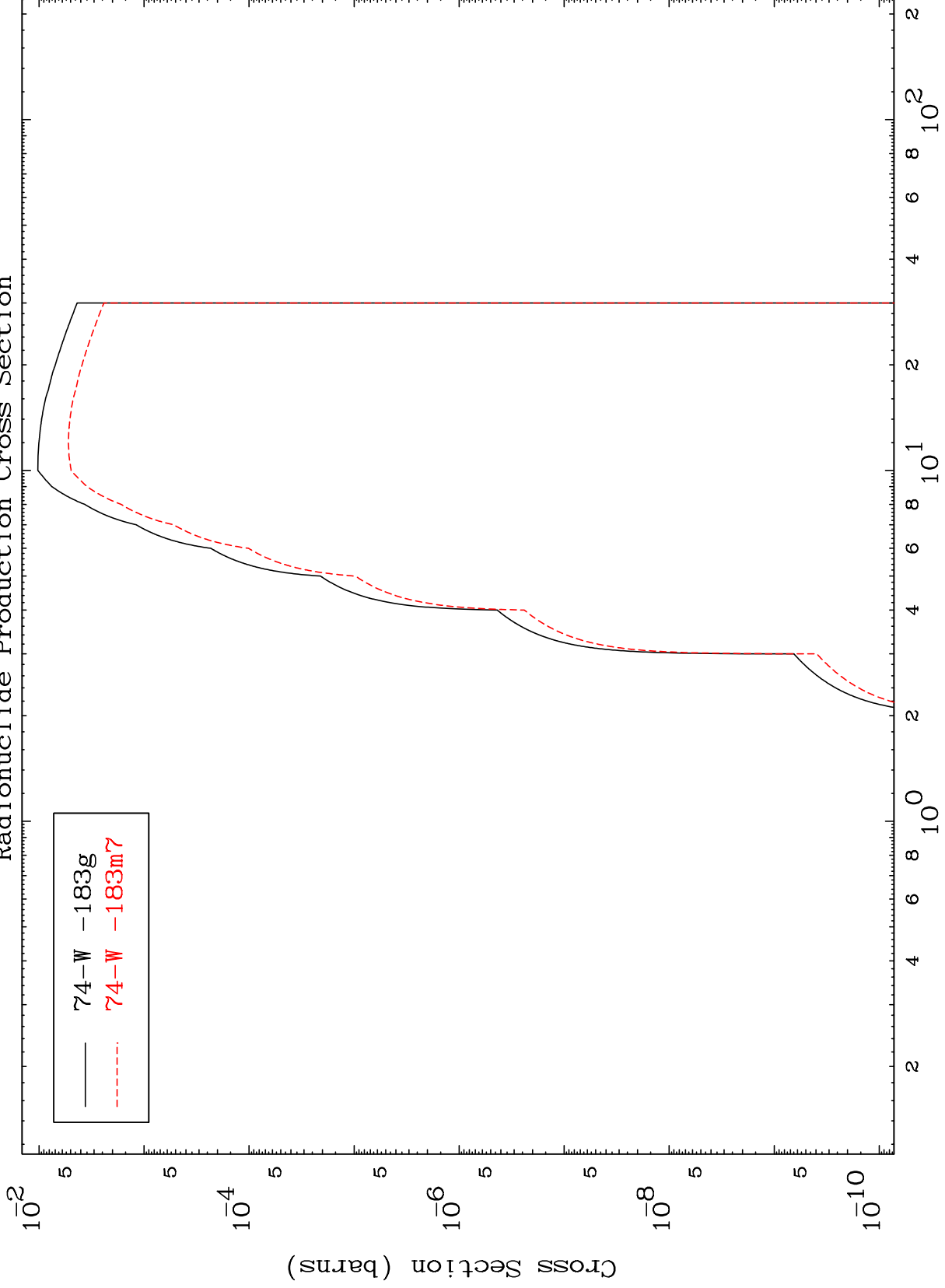
Incident Energy (MeV)

⁷³Ta-182

MAT 7331

73-Ta-182

Inelastic
Radionuclide Production Cross Section



13

Incident Energy (MeV)

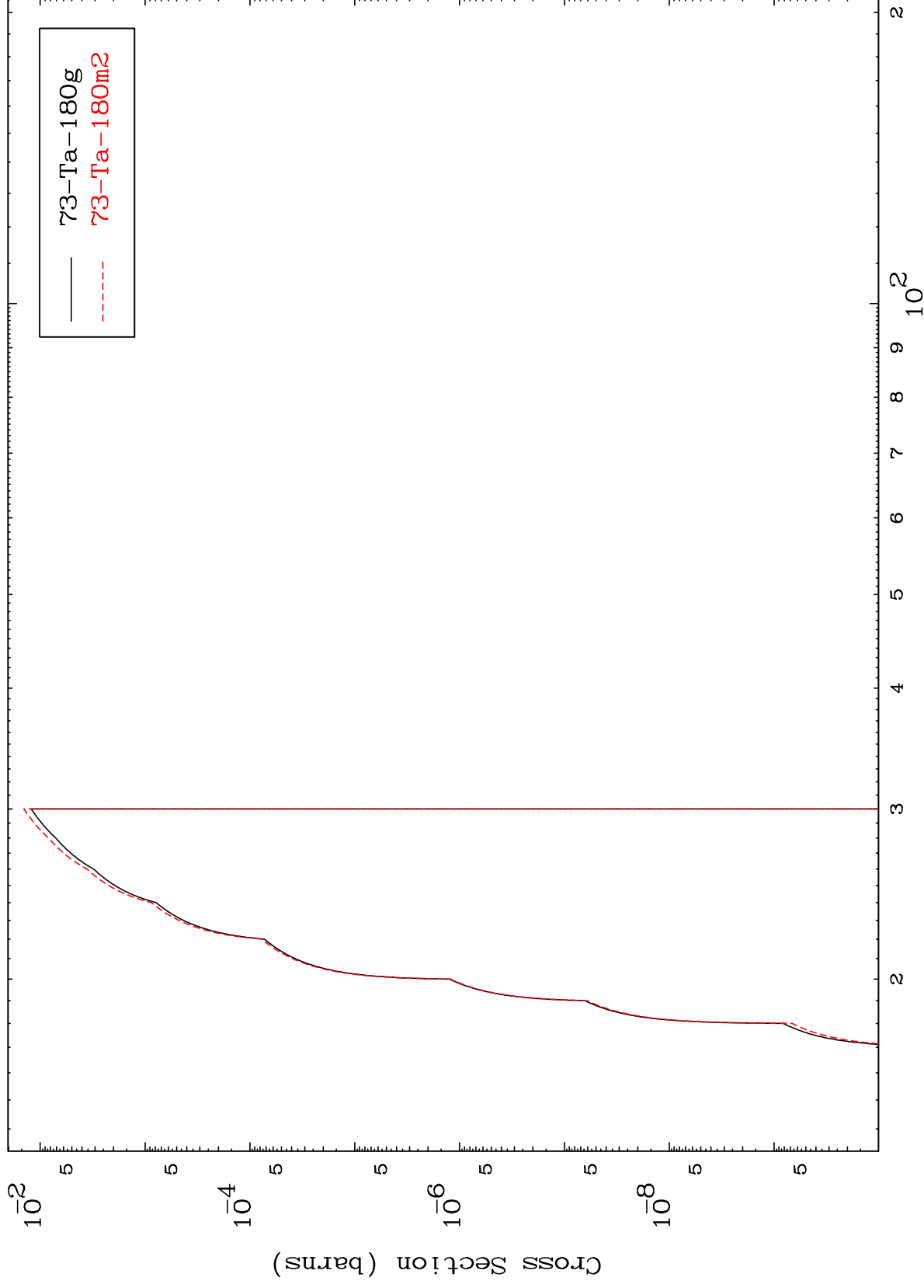
73-Ta-182

MAT 7331

(n,2n) d

⁷³Ta-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

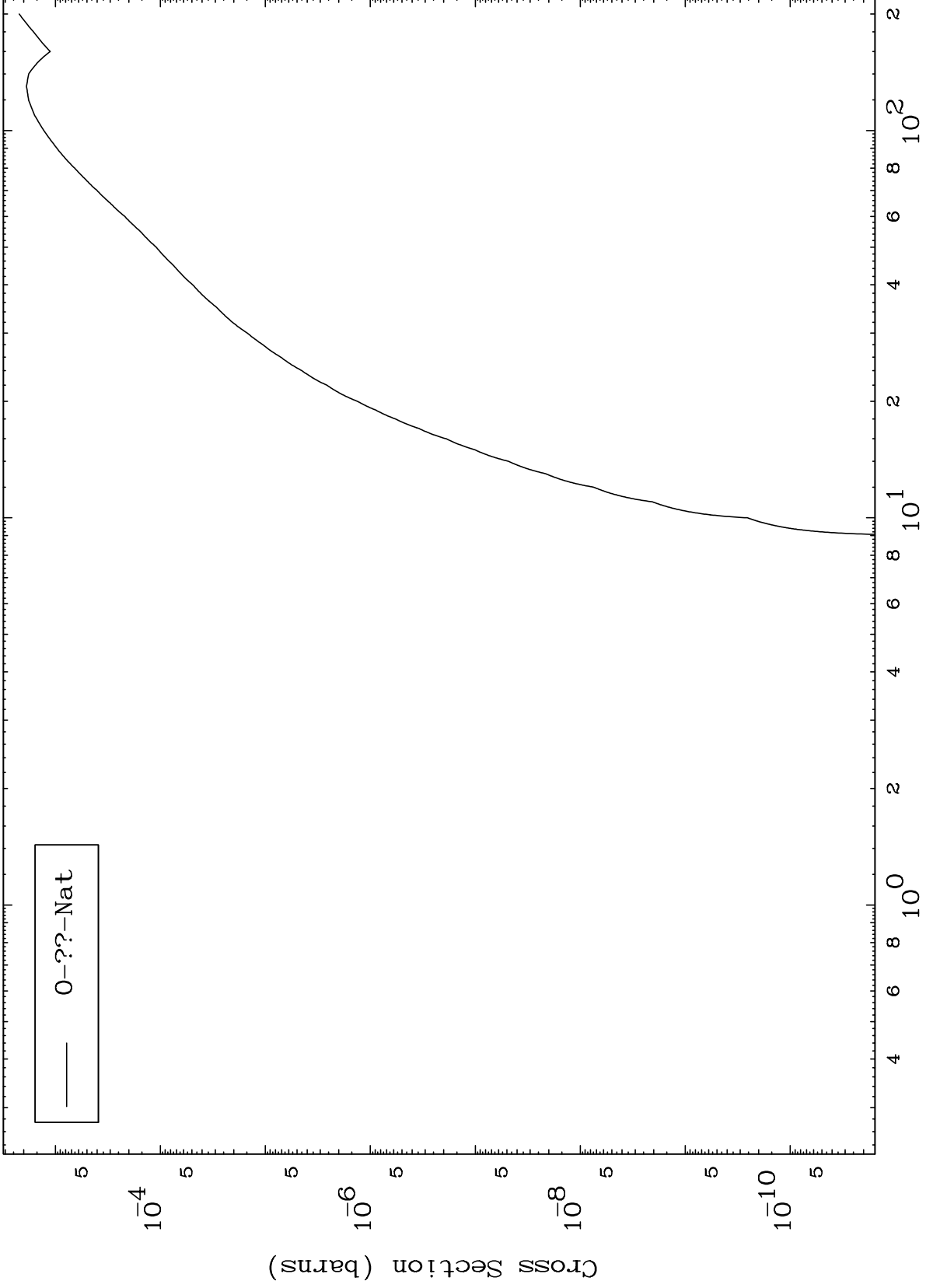
⁷³Ta-182

MAT 7331

Fission

⁷³Ta-182

Radionuclide Production Cross Section



15

Incident Energy (MeV)

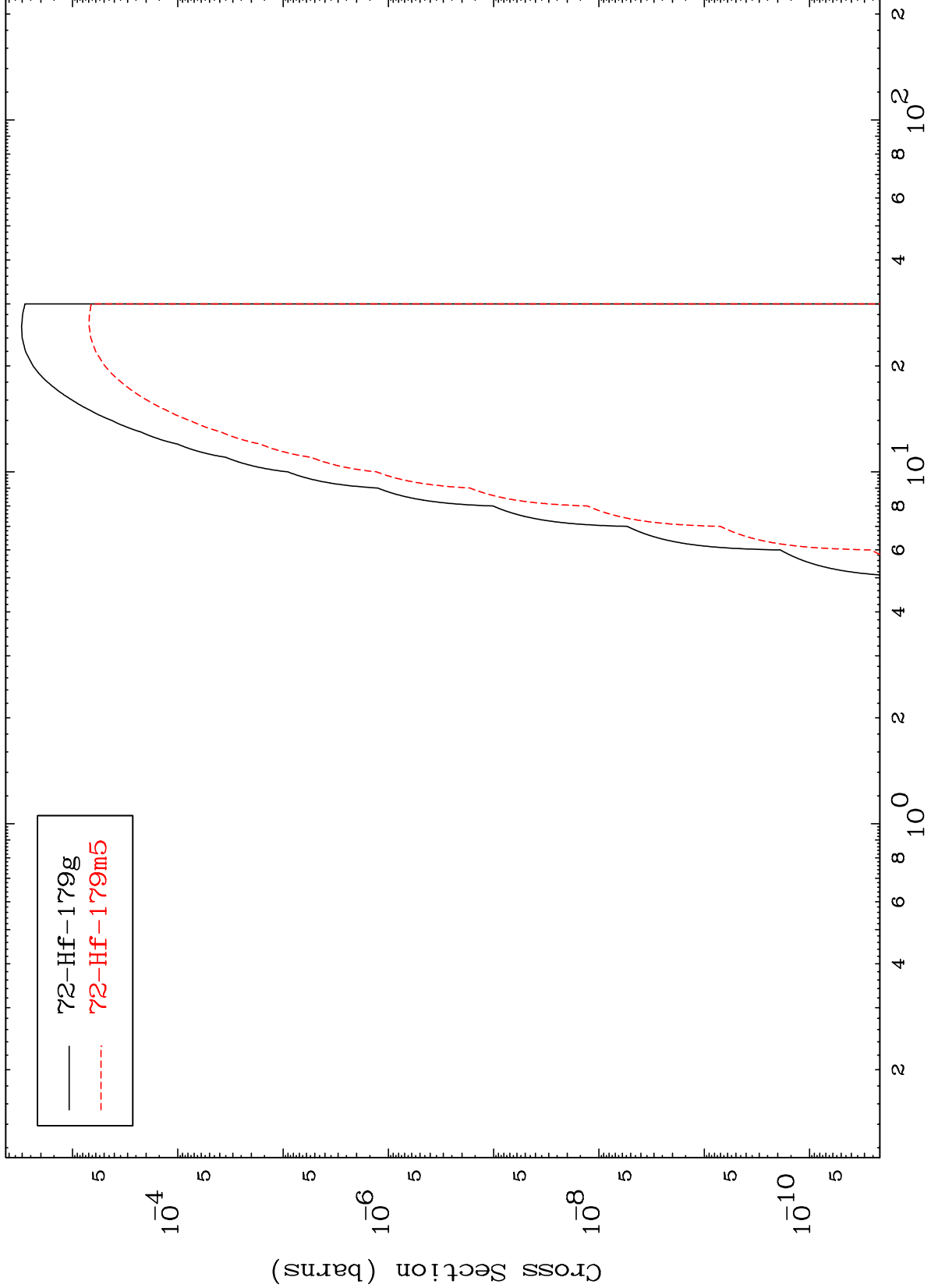
⁷³Ta-182

MAT 7331

$(n, n') \alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



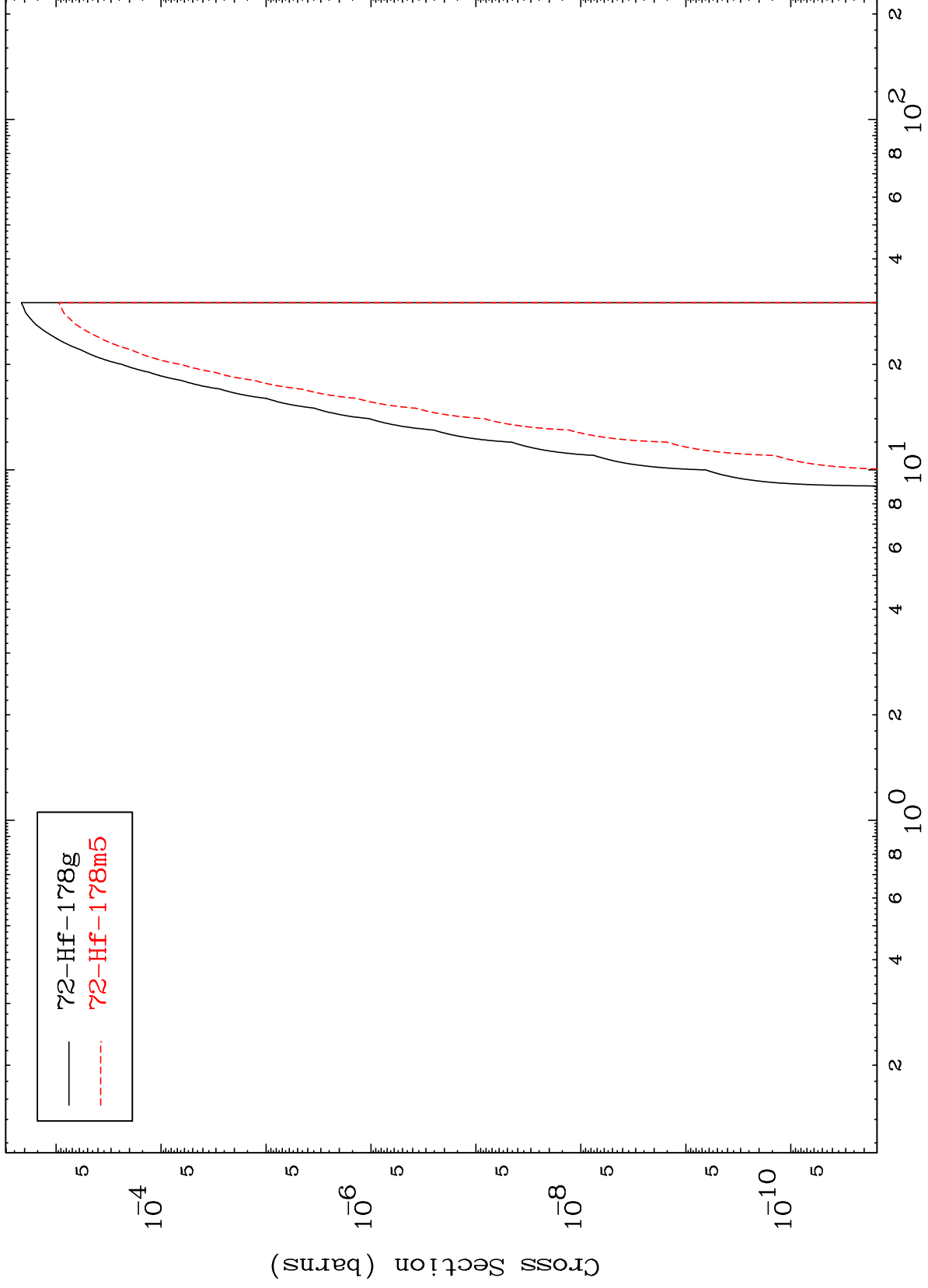
— $^{72}\text{Hf-179g}$
- - - $^{72}\text{Hf-179m5}$

MAT 7331

$(n,2n) \alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

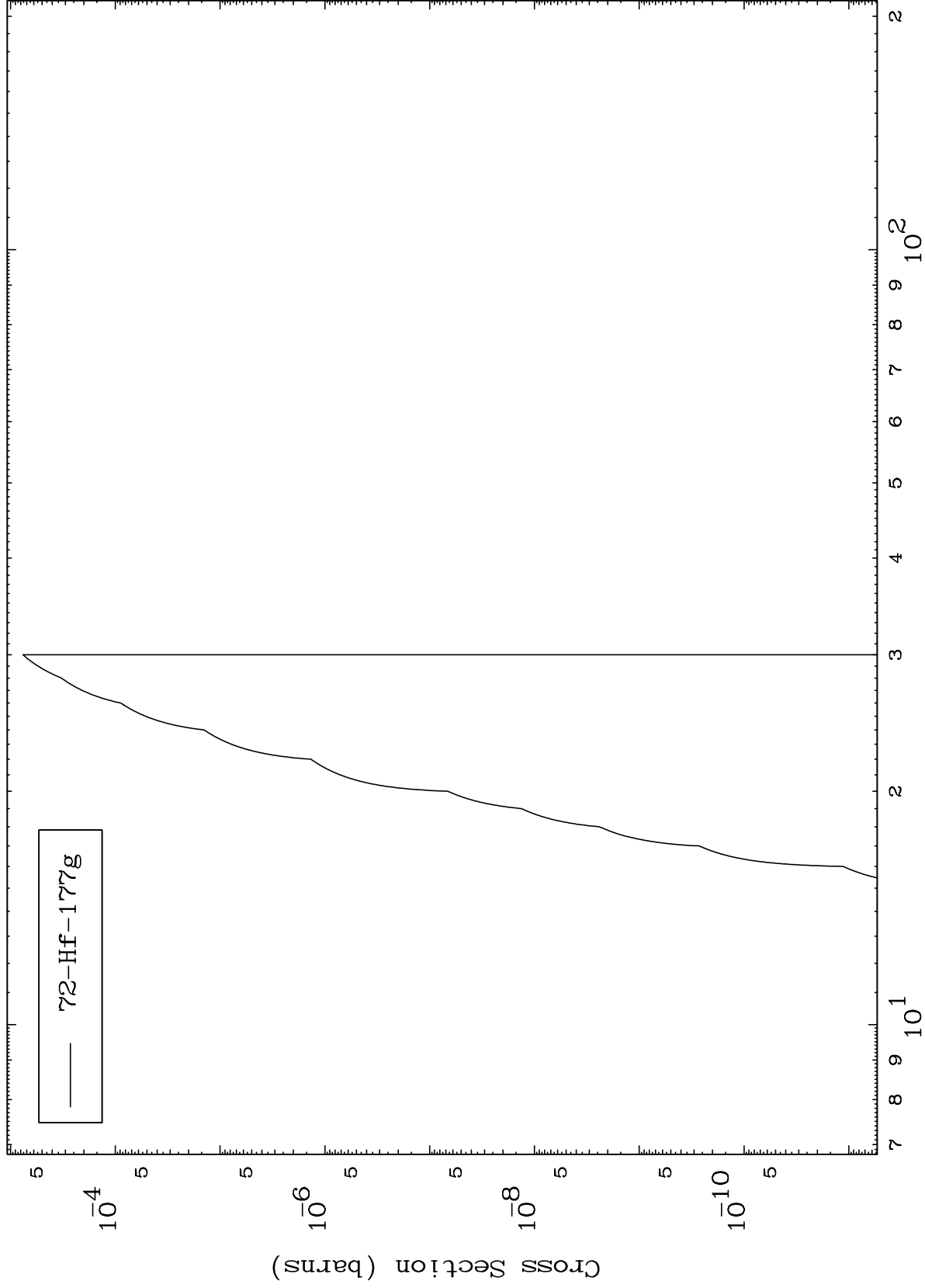
$^{73}\text{Ta-182}$

MAT 7331

(n,3n) α

73-Ta-182

Radionuclide Production Cross Section



18

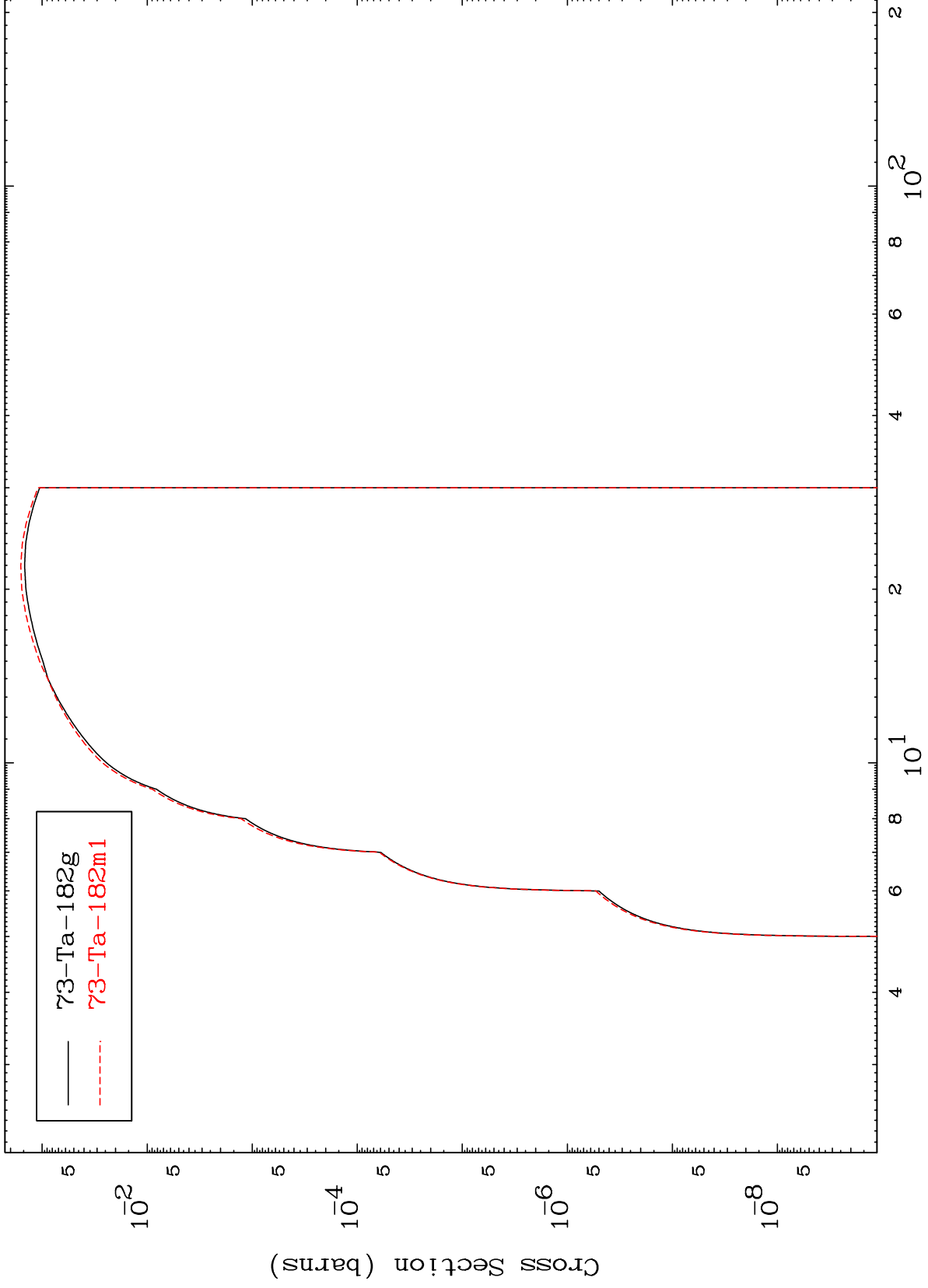
Incident Energy (MeV)

73-Ta-182

MAT 7331

⁷³Ta-182

(n,n') p
Radionuclide Production Cross Section

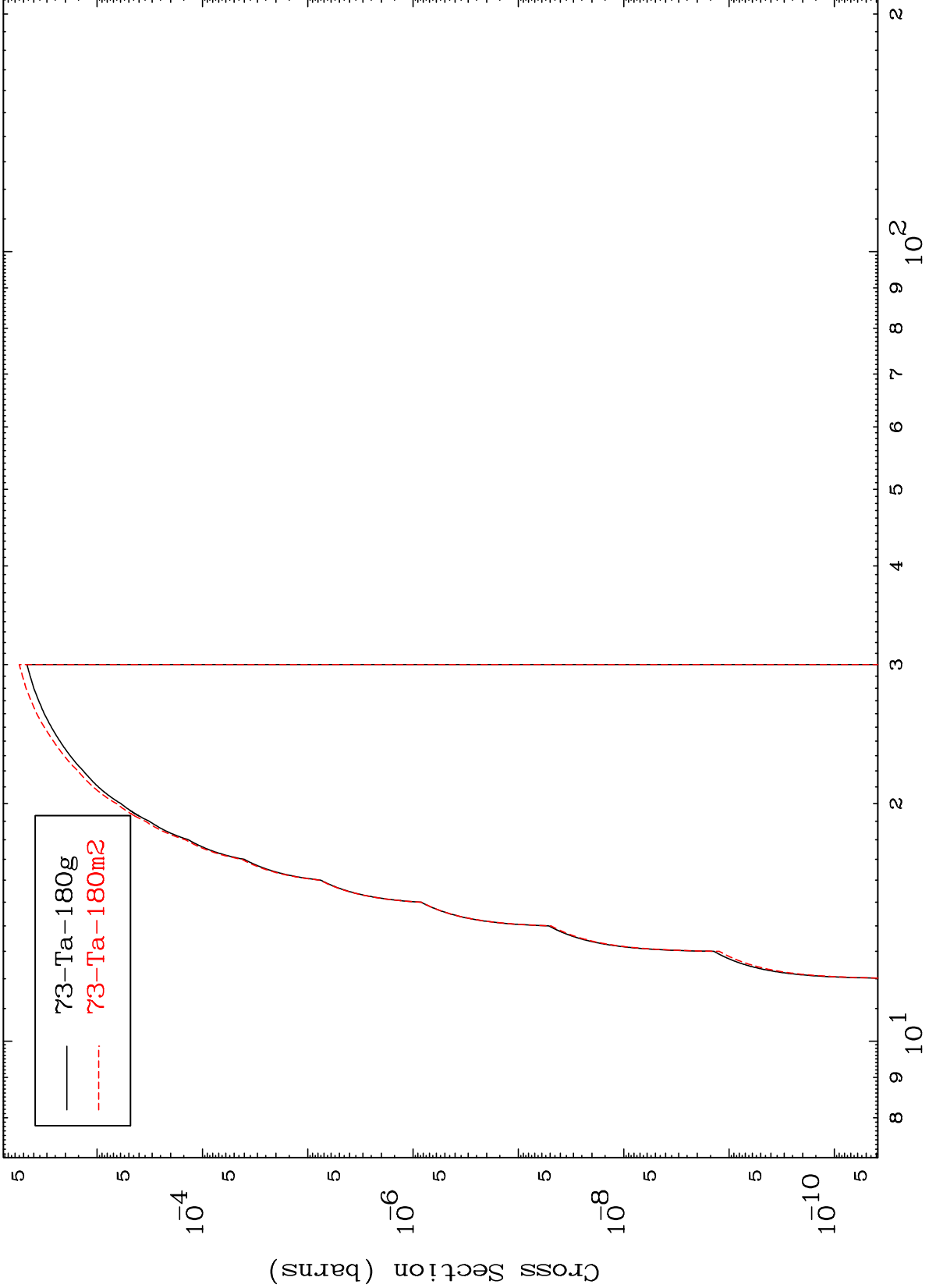


MAT 7331

(n,n') t

⁷³Ta-182

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

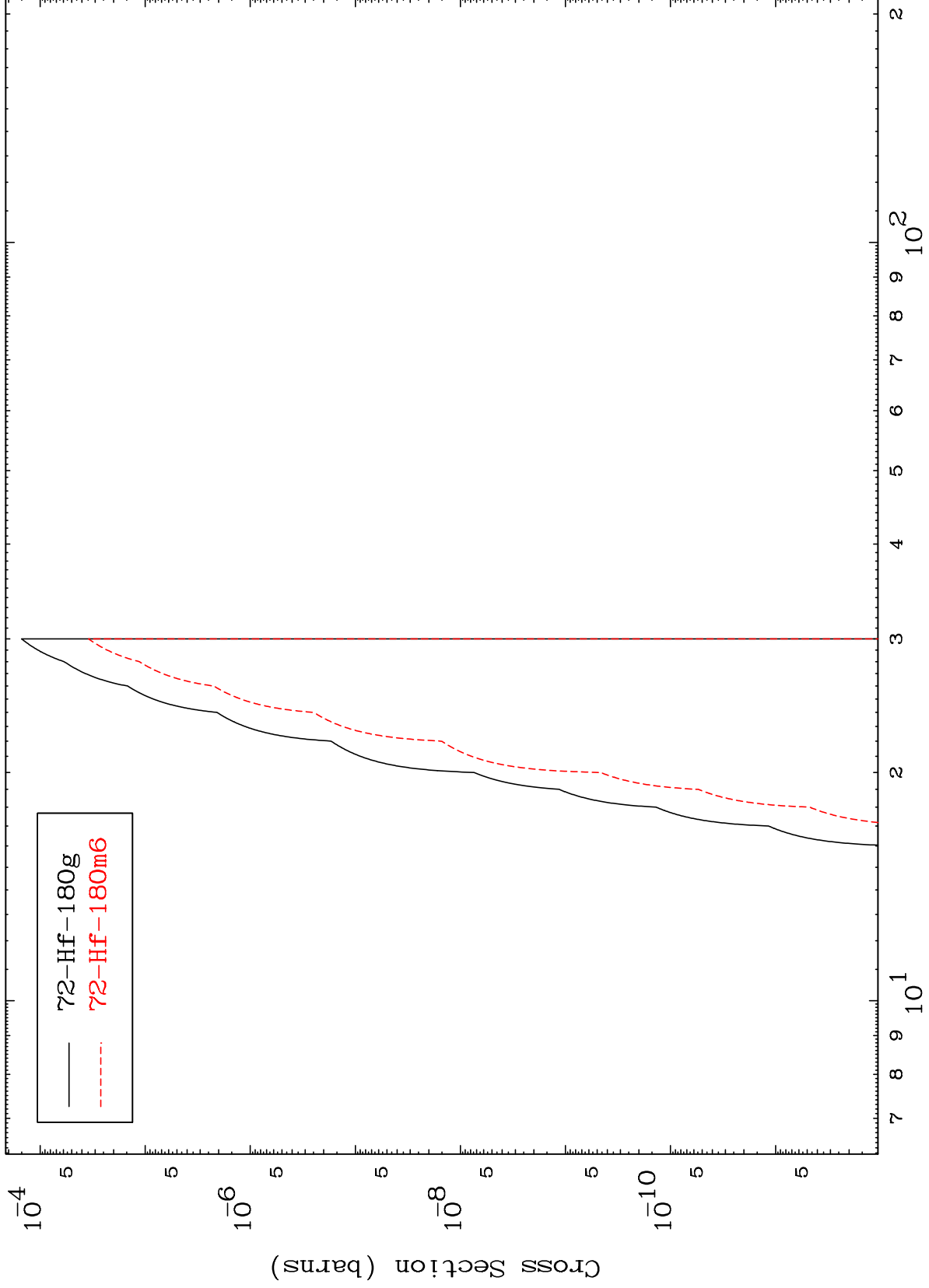
⁷³Ta-182

MAT 7331

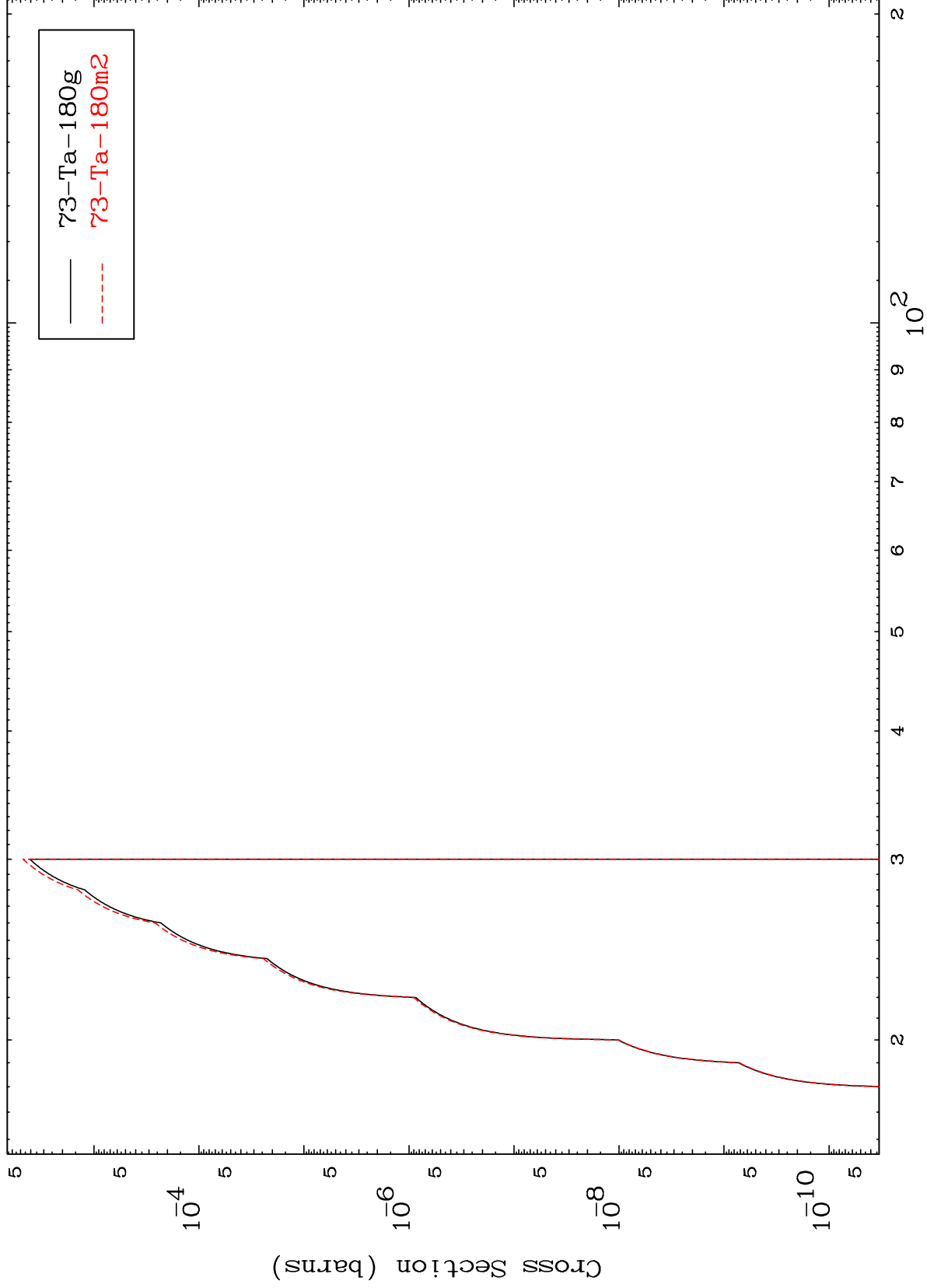
(n,n') He-3

73-Ta-182

Radionuclide Production Cross Section



Radionuclide Production Cross Section

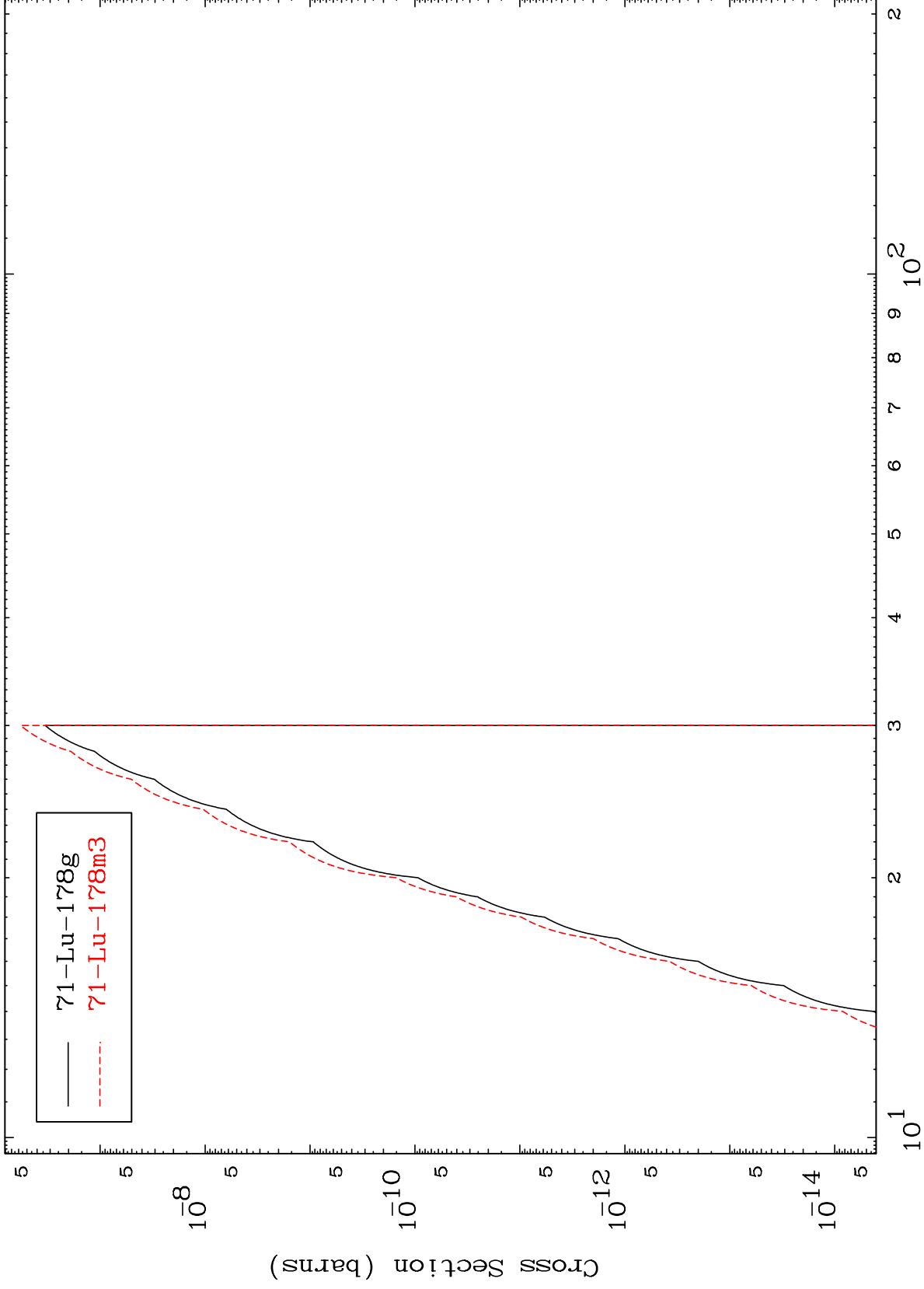


MAT 7331

(n,n') p α

73-Ta-182

Radionuclide Production Cross Section



Incident Energy (MeV)

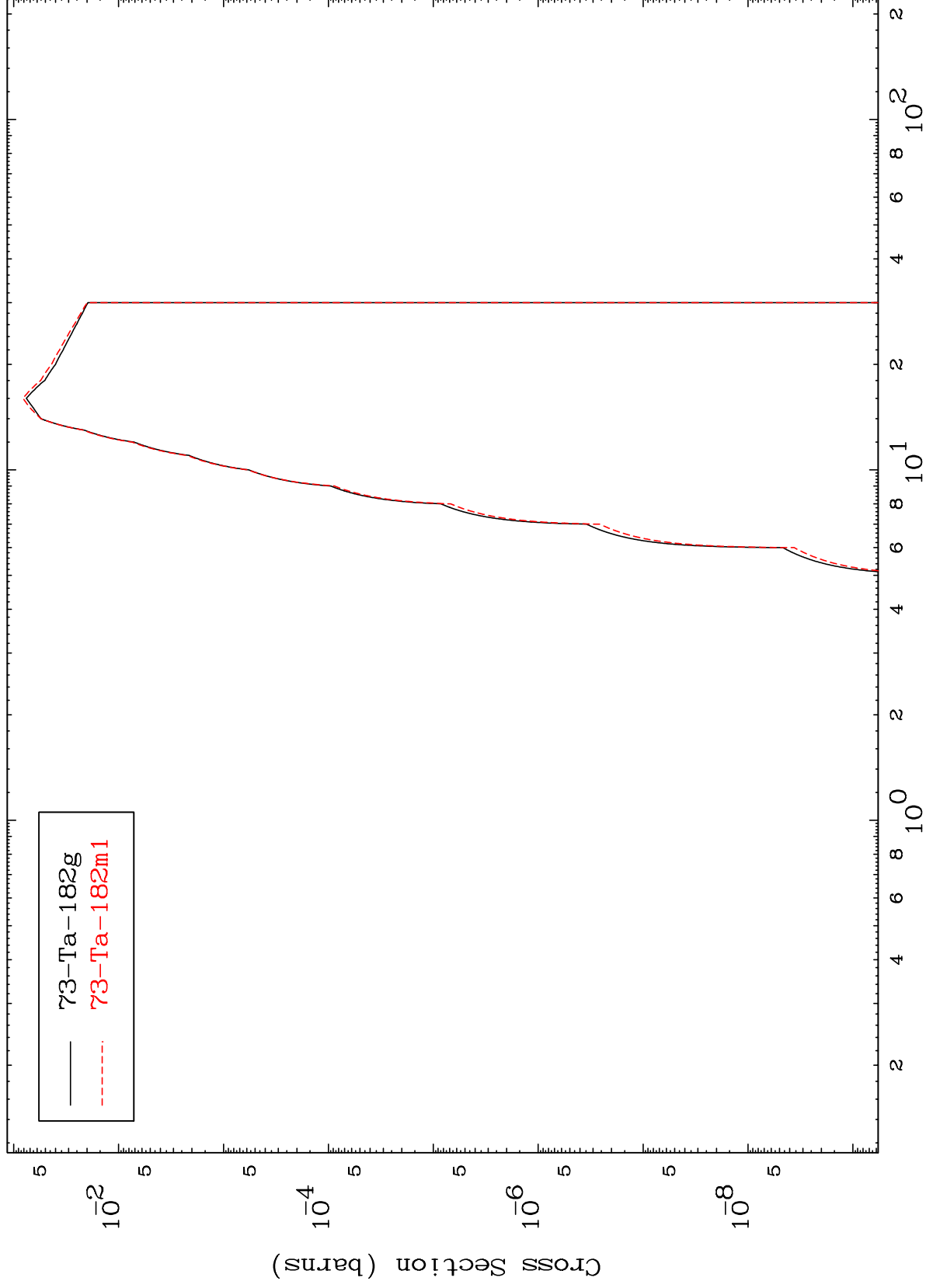
73-Ta-182

23

MAT 7331

⁷³Ta-182

(n,d)
Radionuclide Production Cross Section



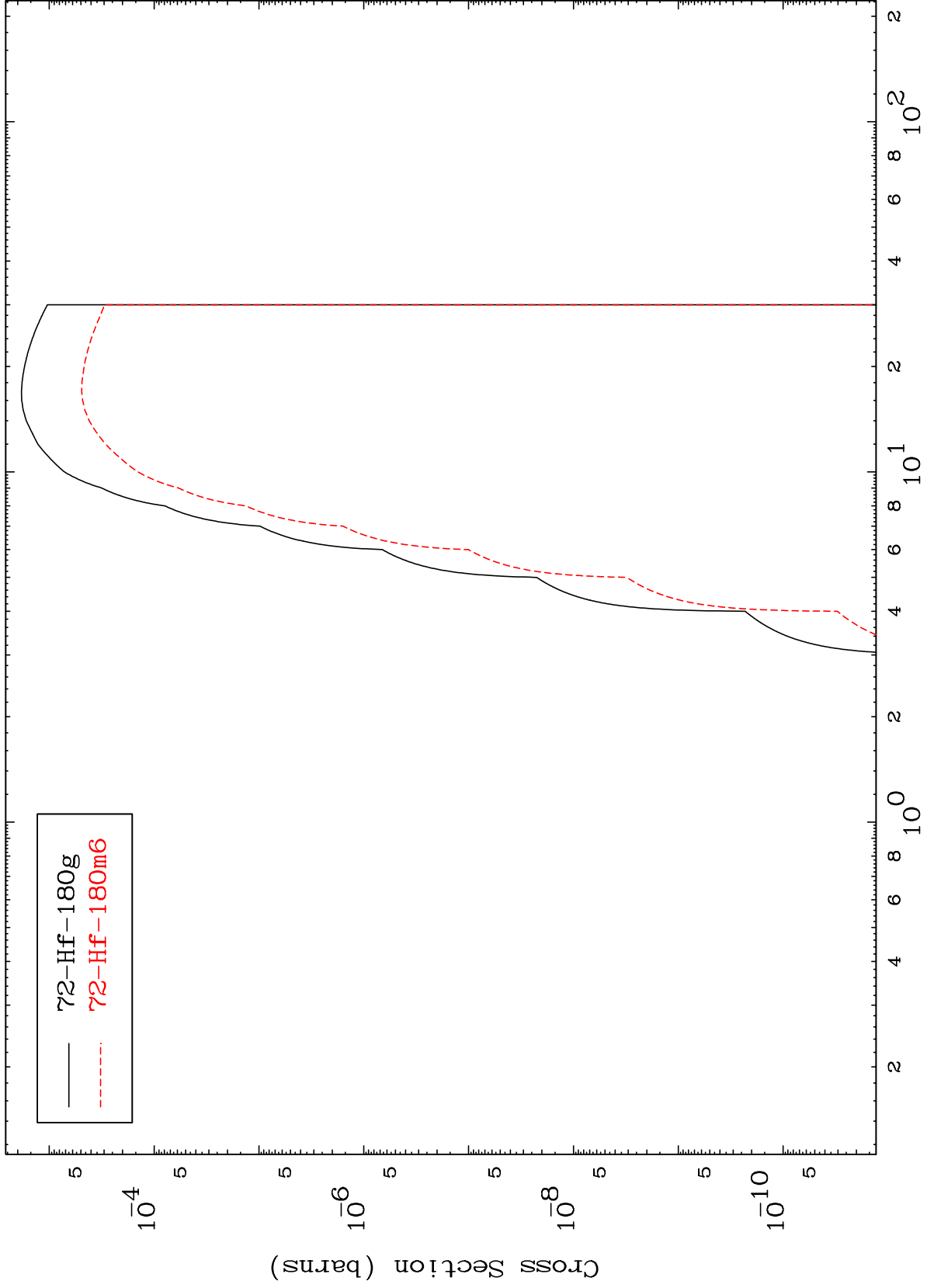
24

⁷³Ta-182

MAT 7331

73-Ta-182

(n, α)
Radionuclide Production Cross Section



25

73-Ta-182

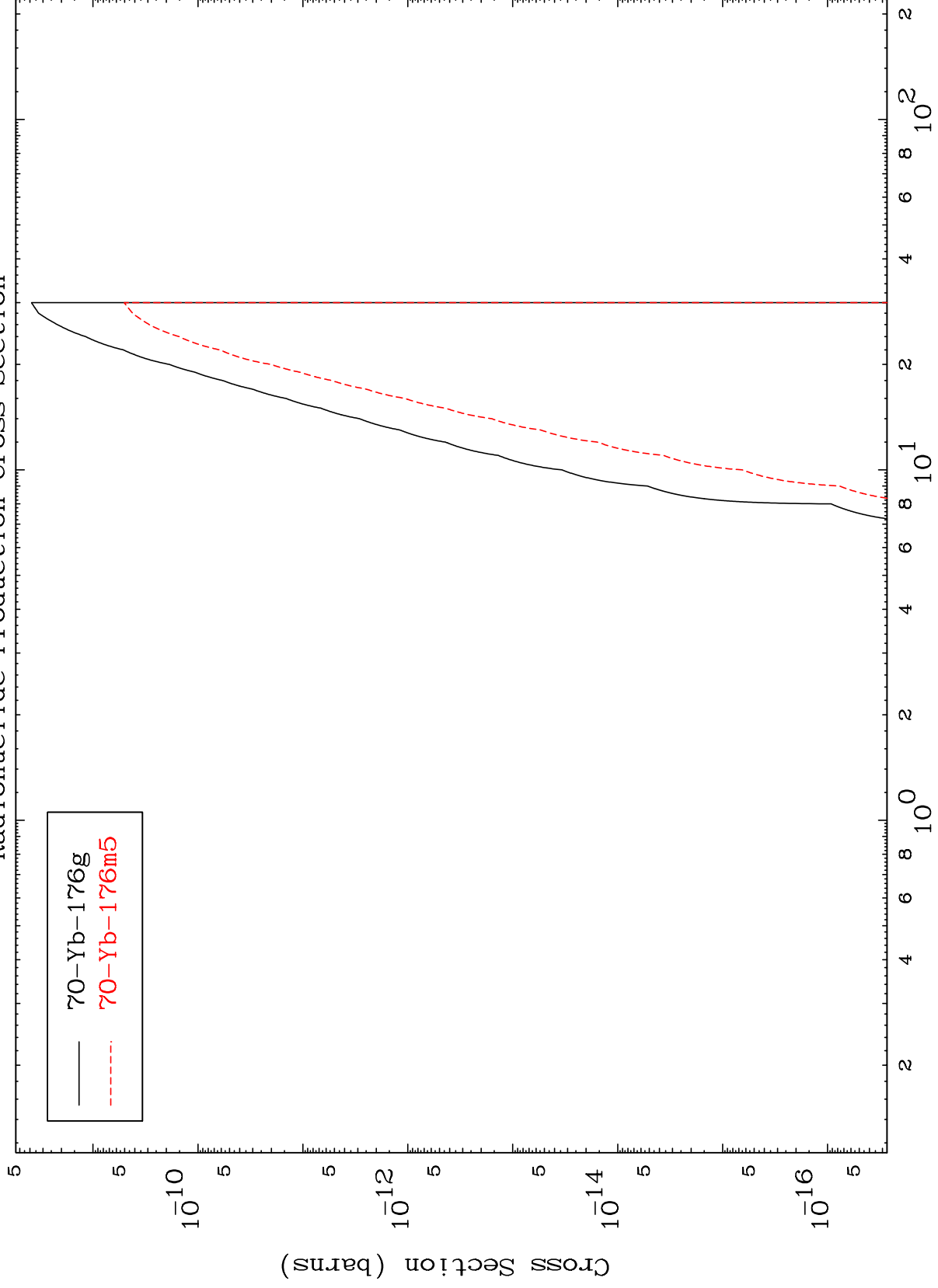
Incident Energy (MeV)

MAT 7331

(n,2α)

73-Ta-182

Radionuclide Production Cross Section



26

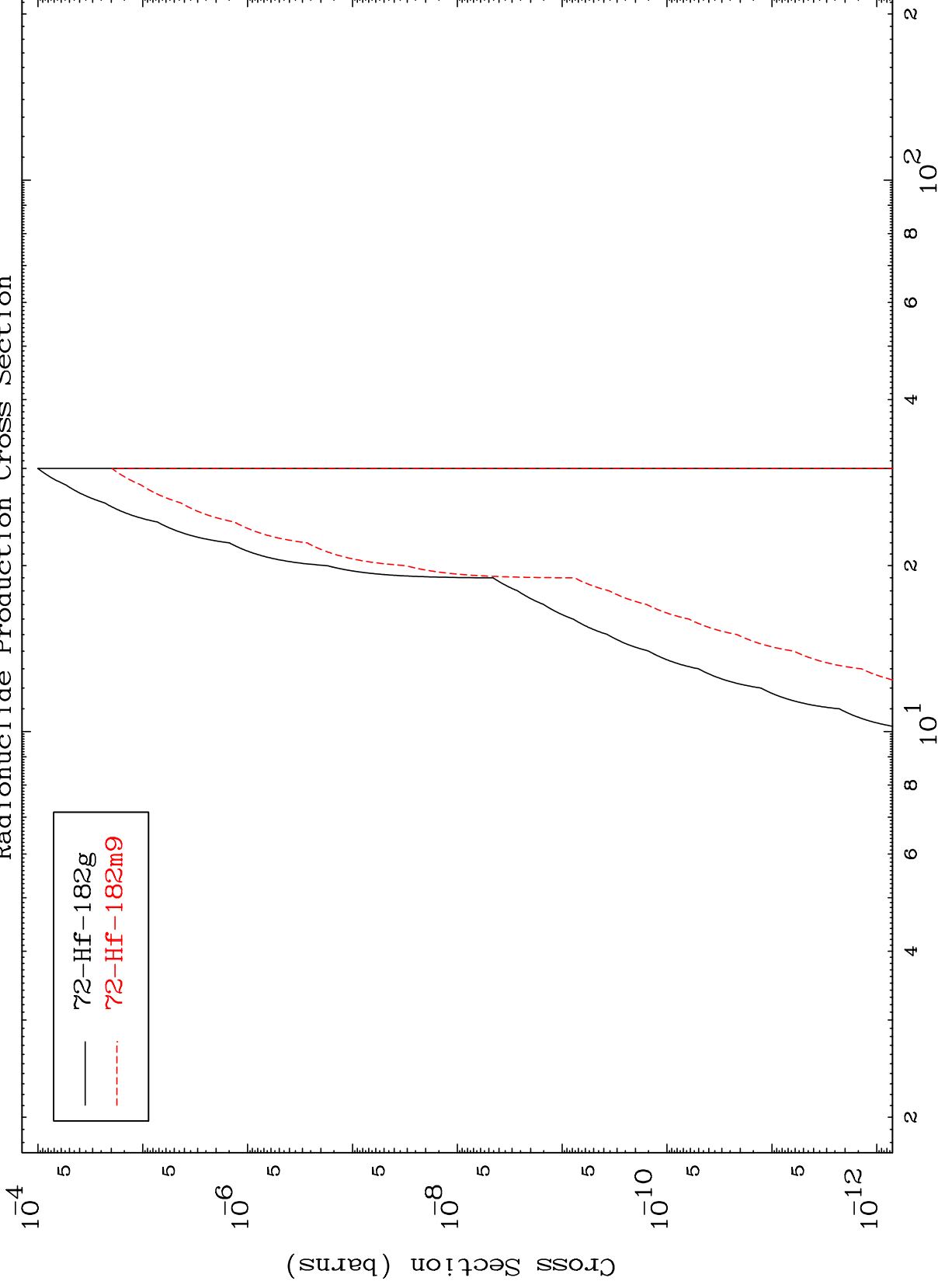
Incident Energy (MeV)

73-Ta-182

MAT 7331

⁷³Ta-182

(n,2p)
Radionuclide Production Cross Section



27

⁷³Ta-182

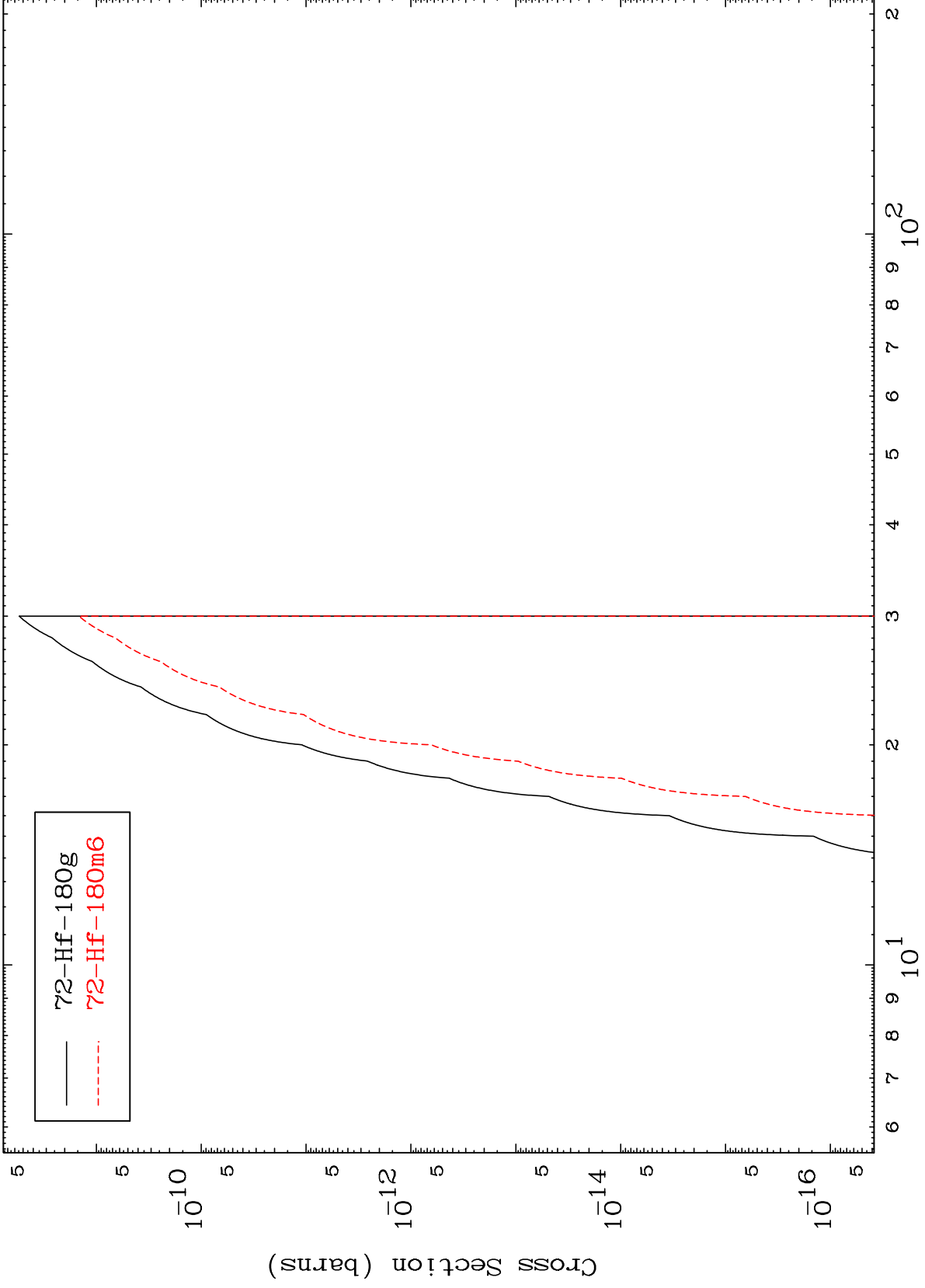
Incident Energy (MeV)

MAT 7331

(n,p) t

⁷³Ta-182

Radionuclide Production Cross Section



28

Incident Energy (MeV)

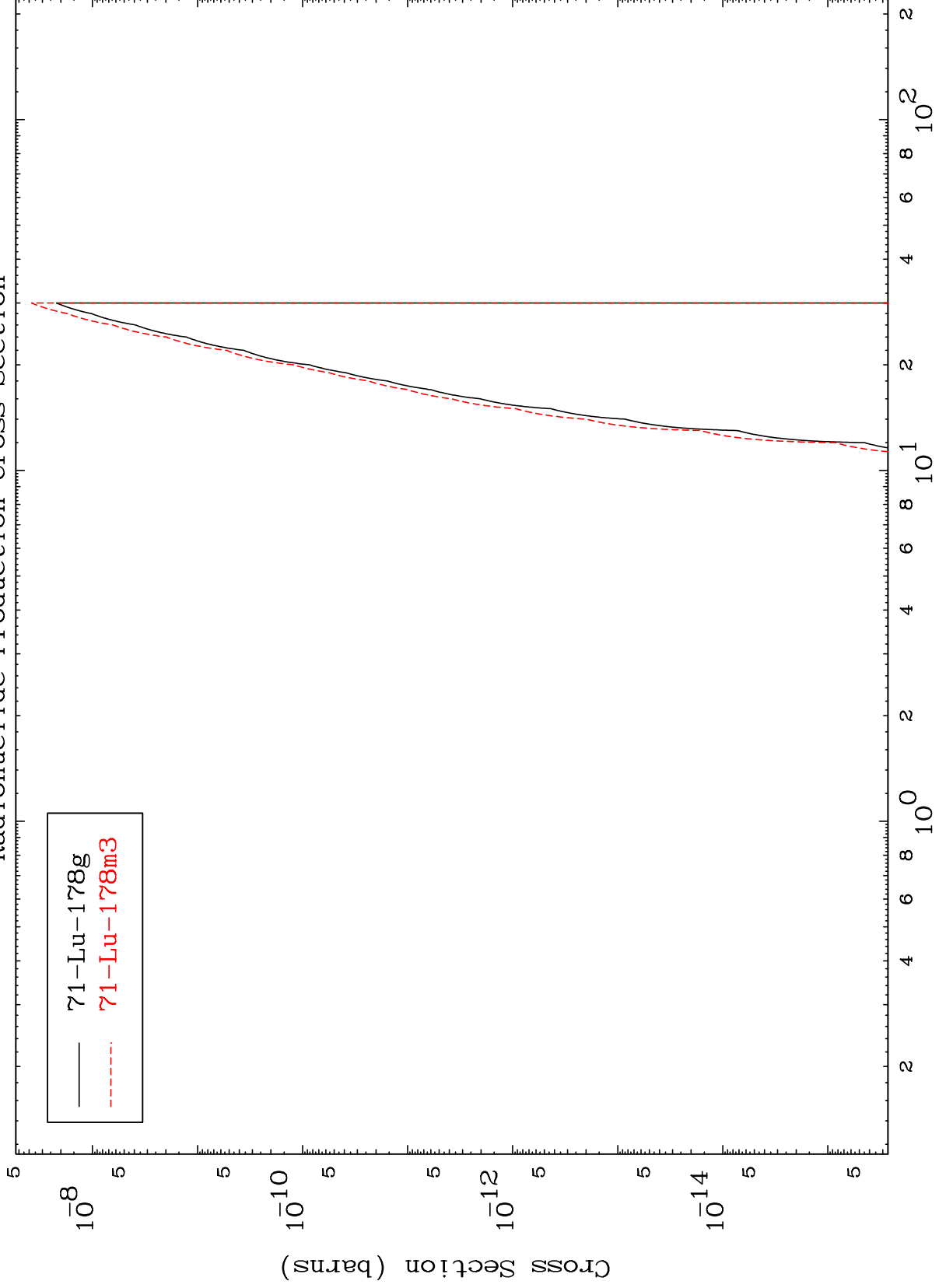
⁷³Ta-182

MAT 7331

(n,d) α

73-Ta-182

Radionuclide Production Cross Section



29

Incident Energy (MeV)

73-Ta-182