

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

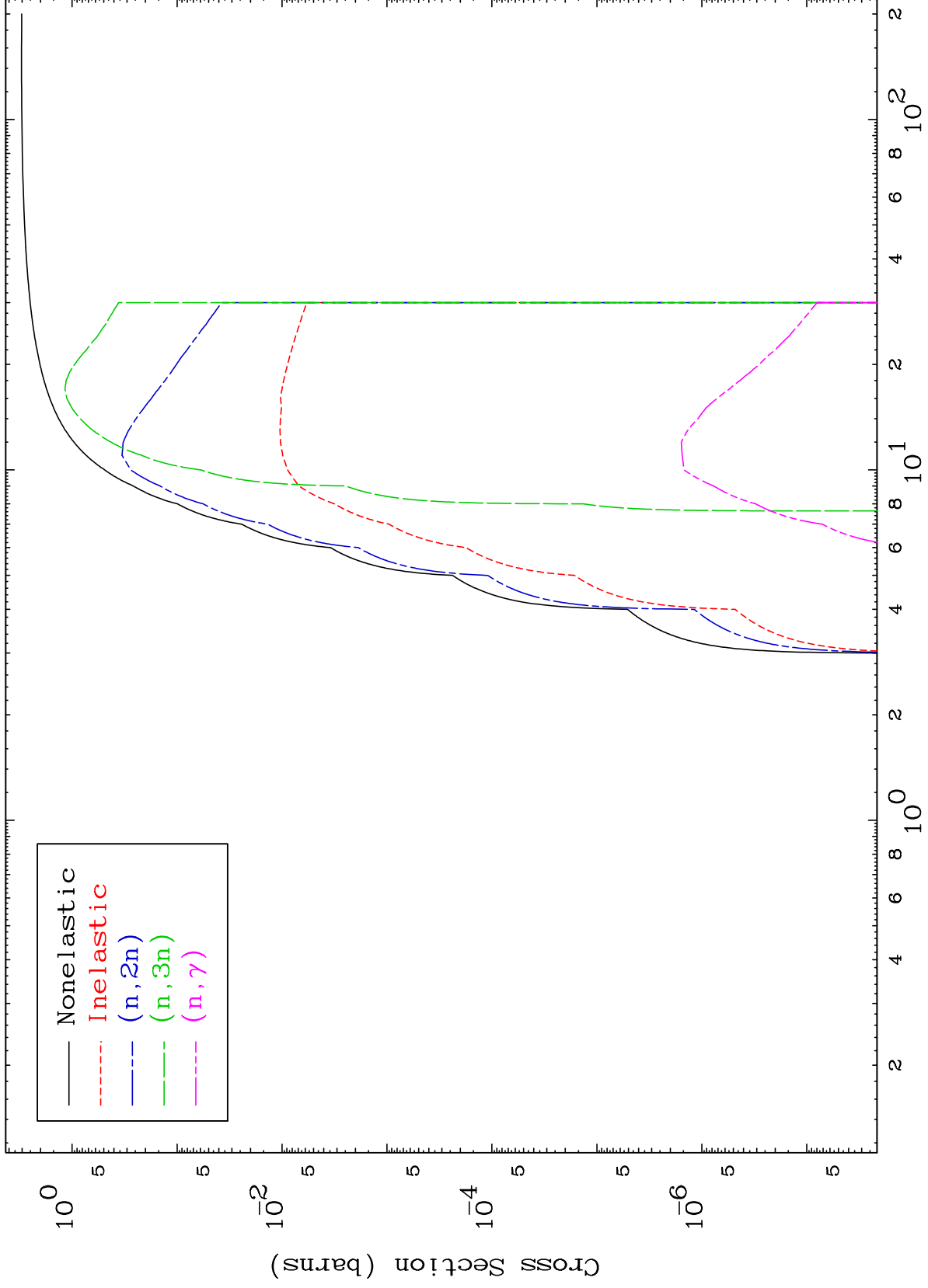
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7337

Deuteron Major
0 Kelvin Cross Sections

⁷³Ta-184

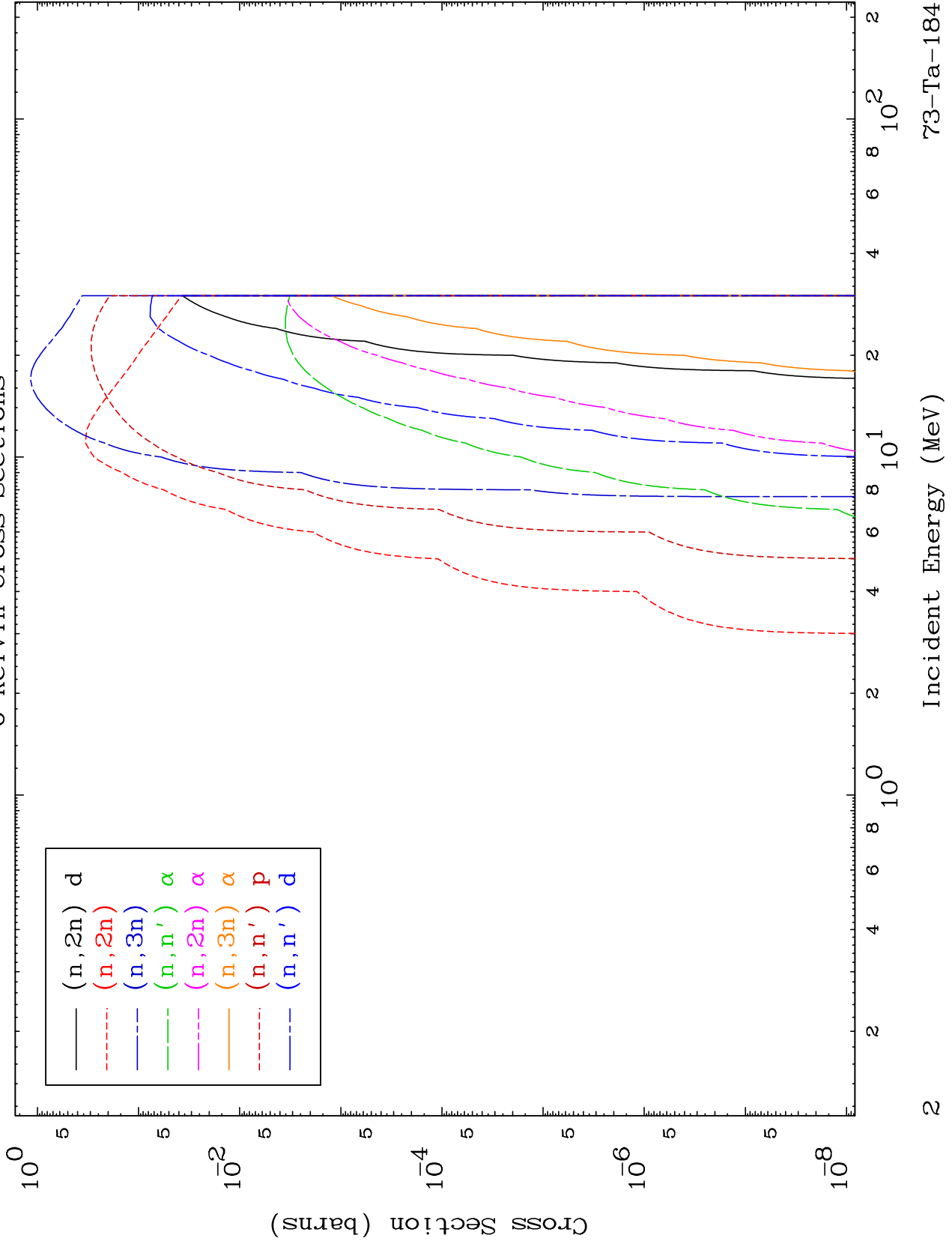


Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n,γ)

MAT 7337

Deuteron Neutron Absorption
0 Kelvin Cross Sections

73-Ta-184

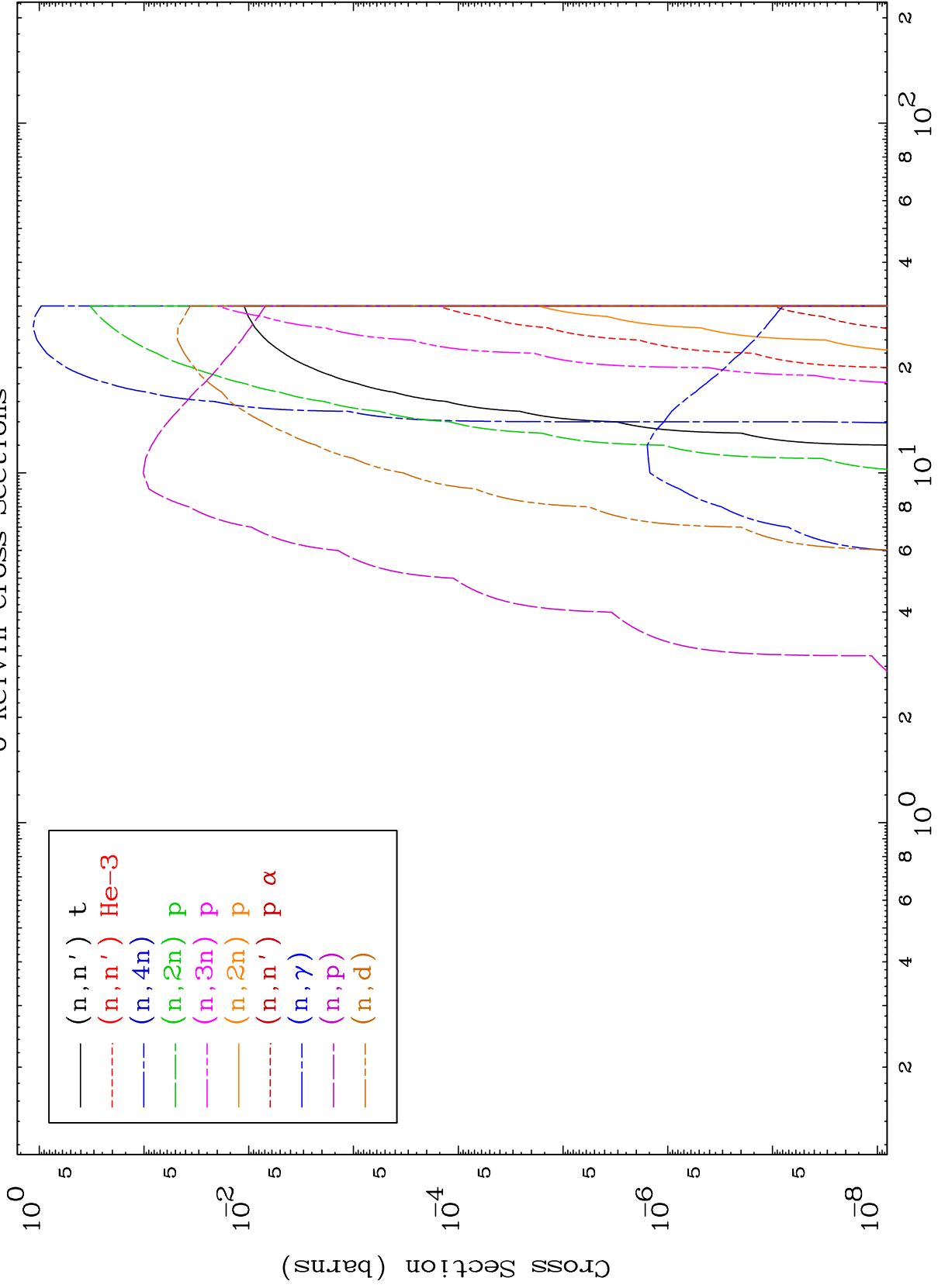


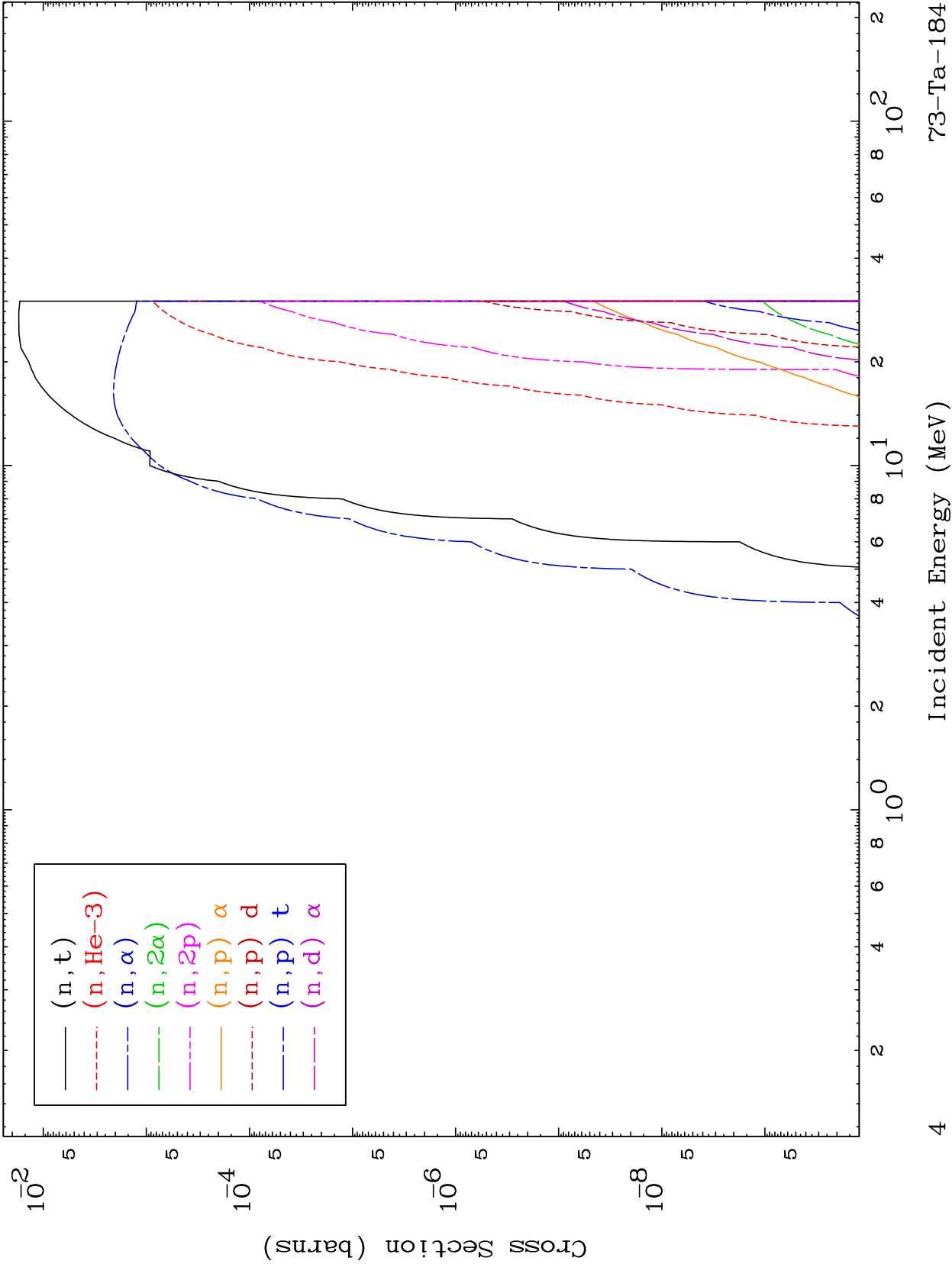
73-Ta-184

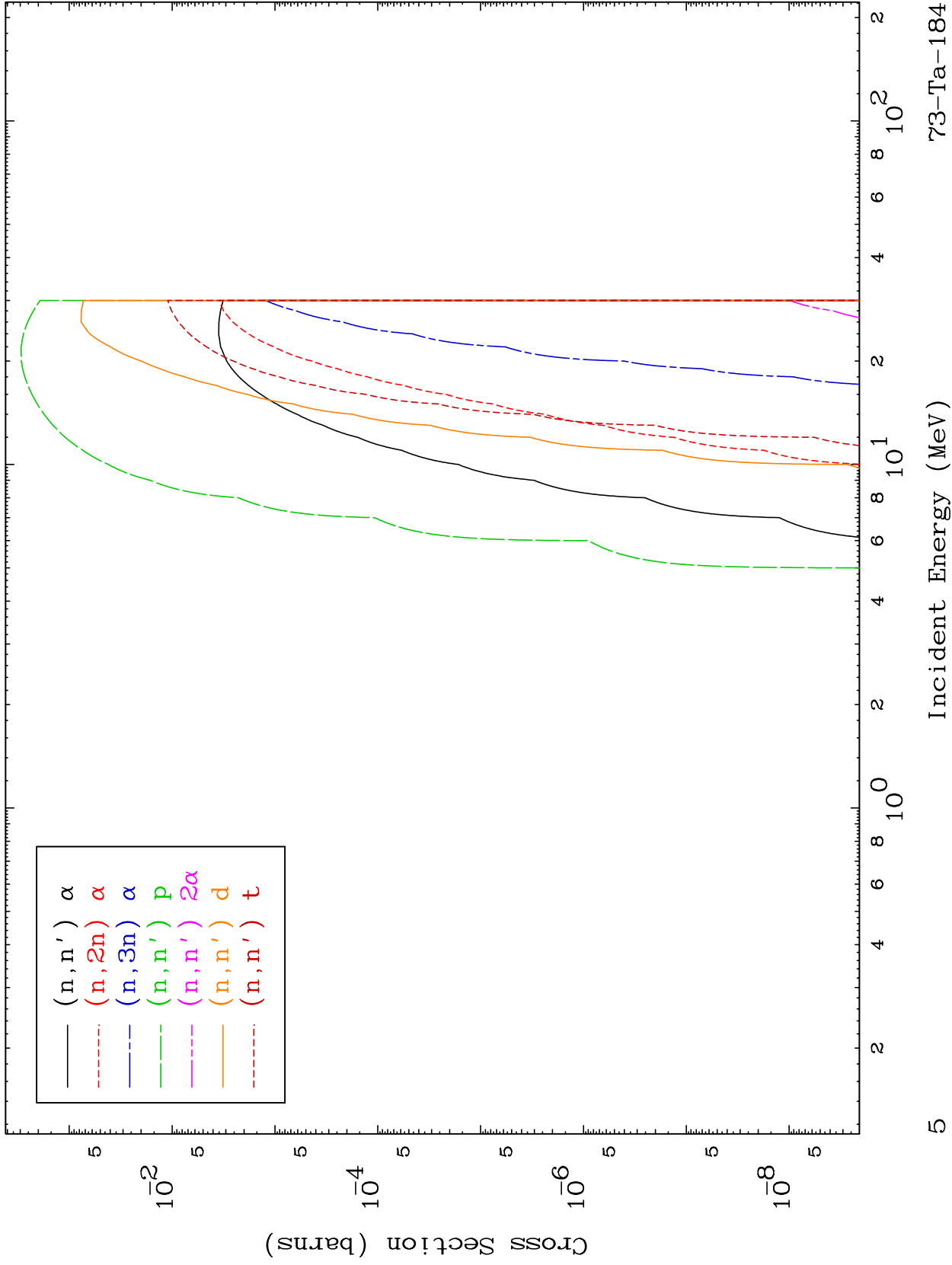
MAT 7337

Deuteron Neutron Absorption
0 Kelvin Cross Sections

73-Ta-184



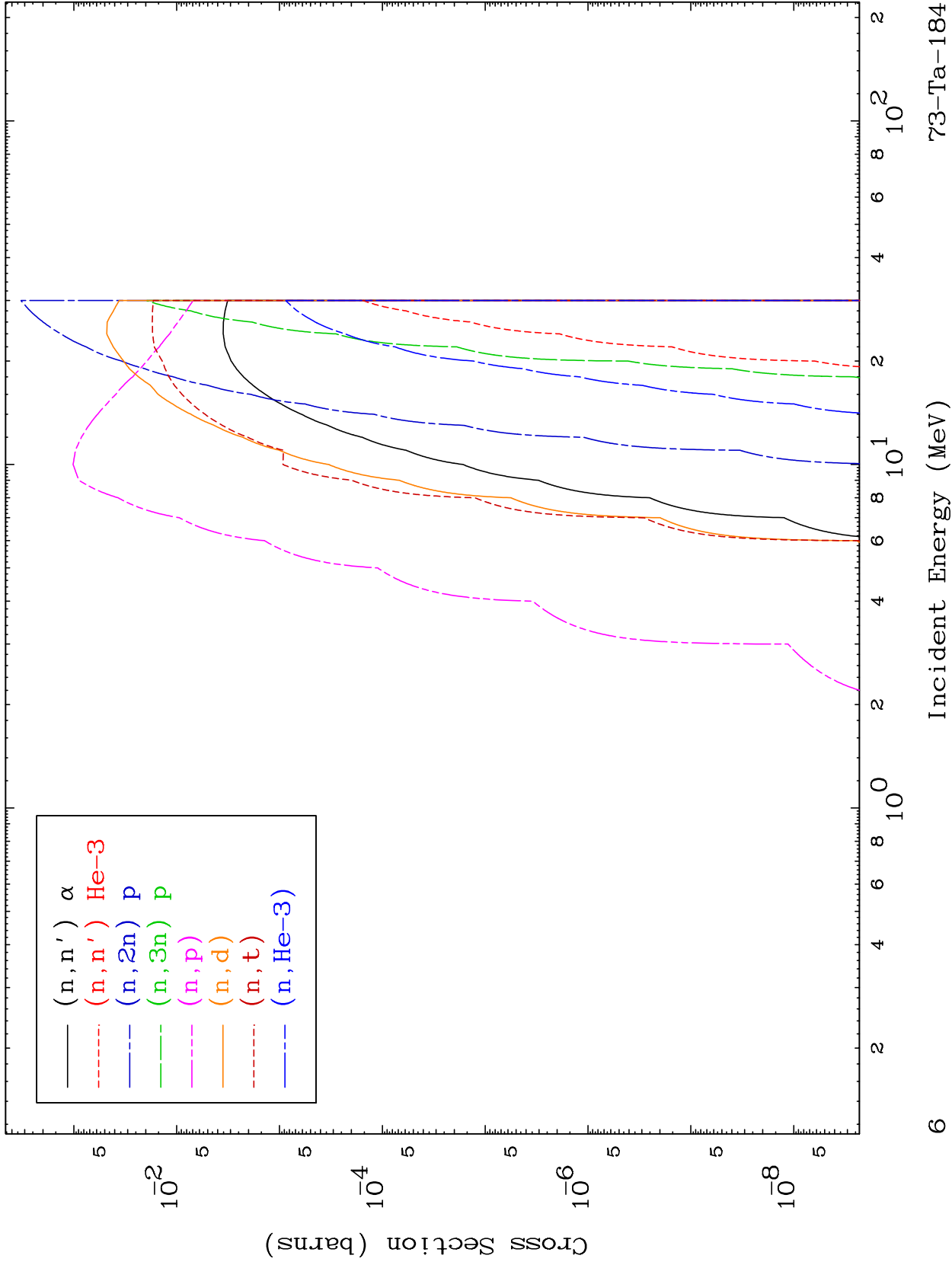




MAT 7337

Deuteron Charged Particle
0 Kelvin Cross Sections

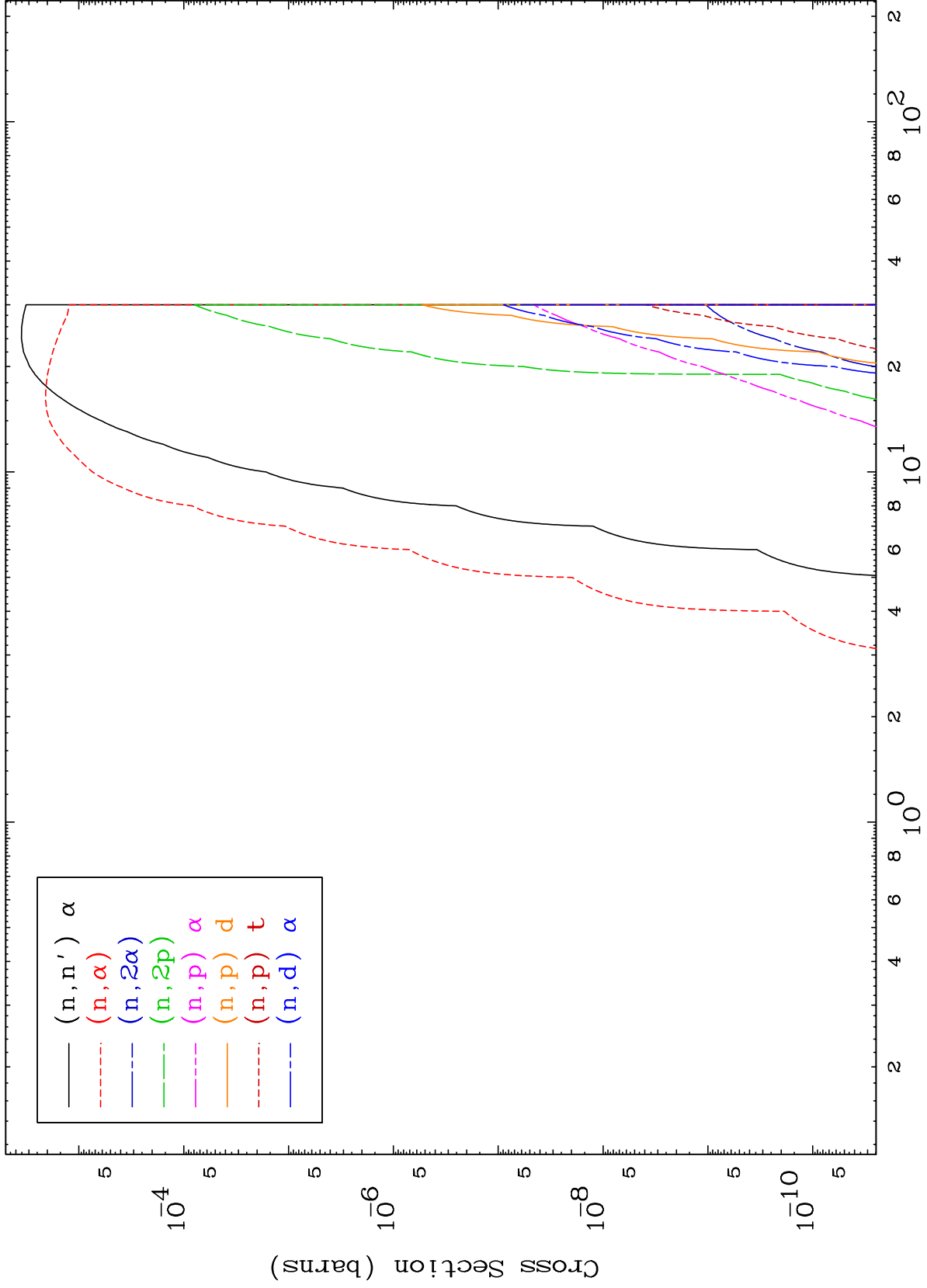
73-Ta-184



MAT 7337

Deuteron Charged Particle
0 Kelvin Cross Sections

⁷³Ta-184

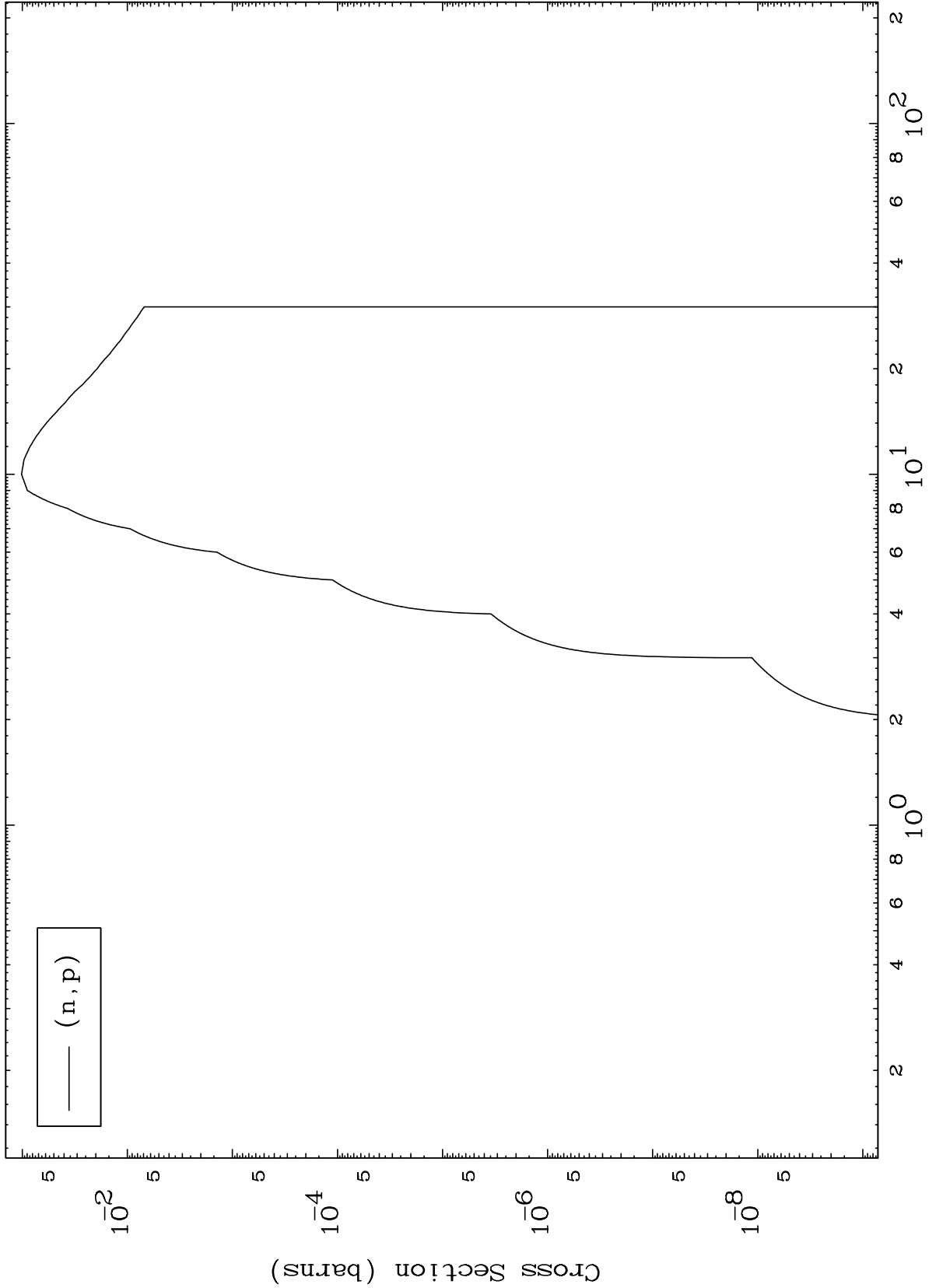


MAT 7337

(d,p) Levels

73-Ta-184

0 Kelvin Cross Sections

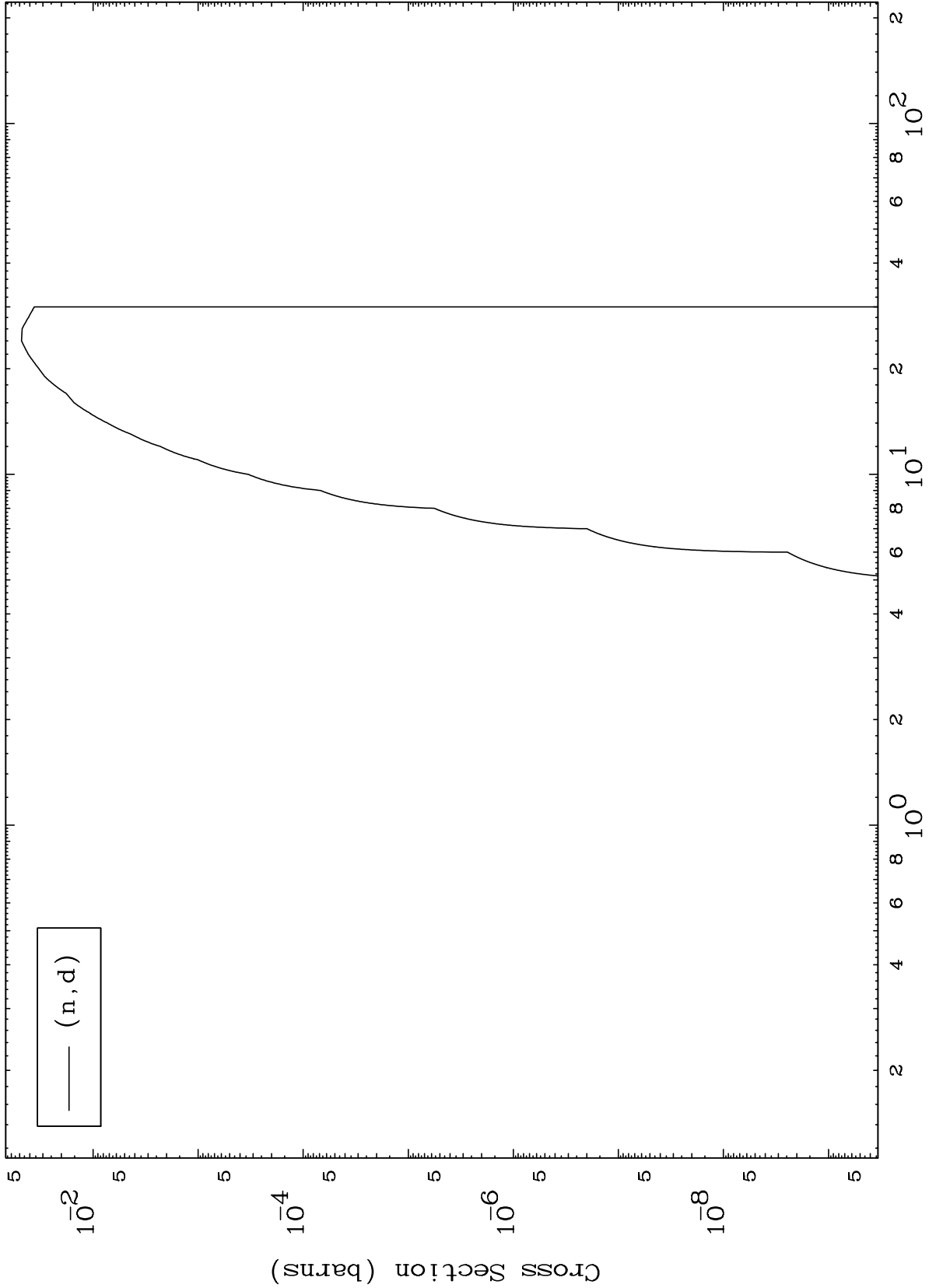


MAT 7337

(d,d) Levels

73-Ta-184

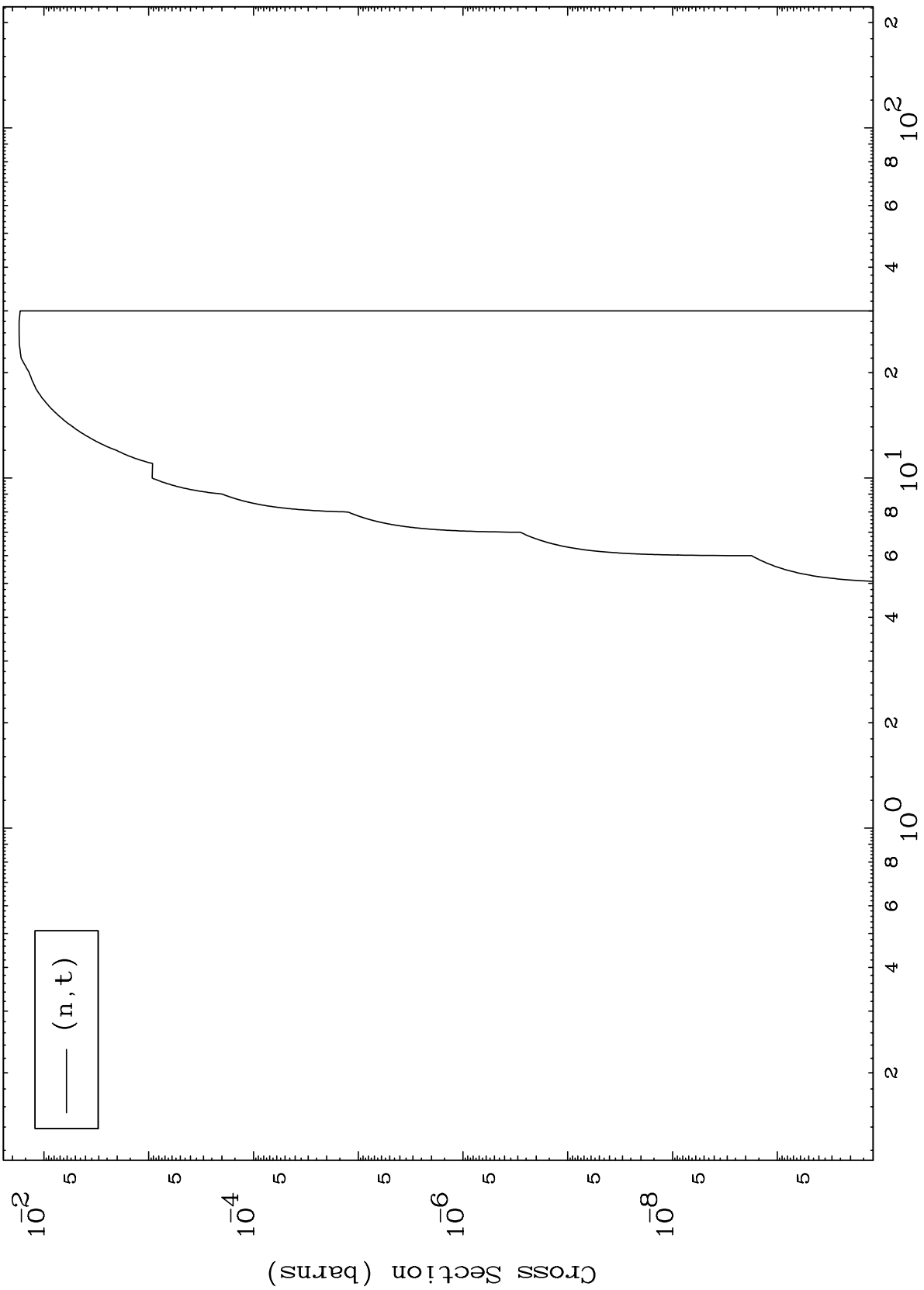
0 Kelvin Cross Sections



MAT 7337

73-Ta-184

(d,t) Levels
0 Kelvin Cross Sections



73-Ta-184

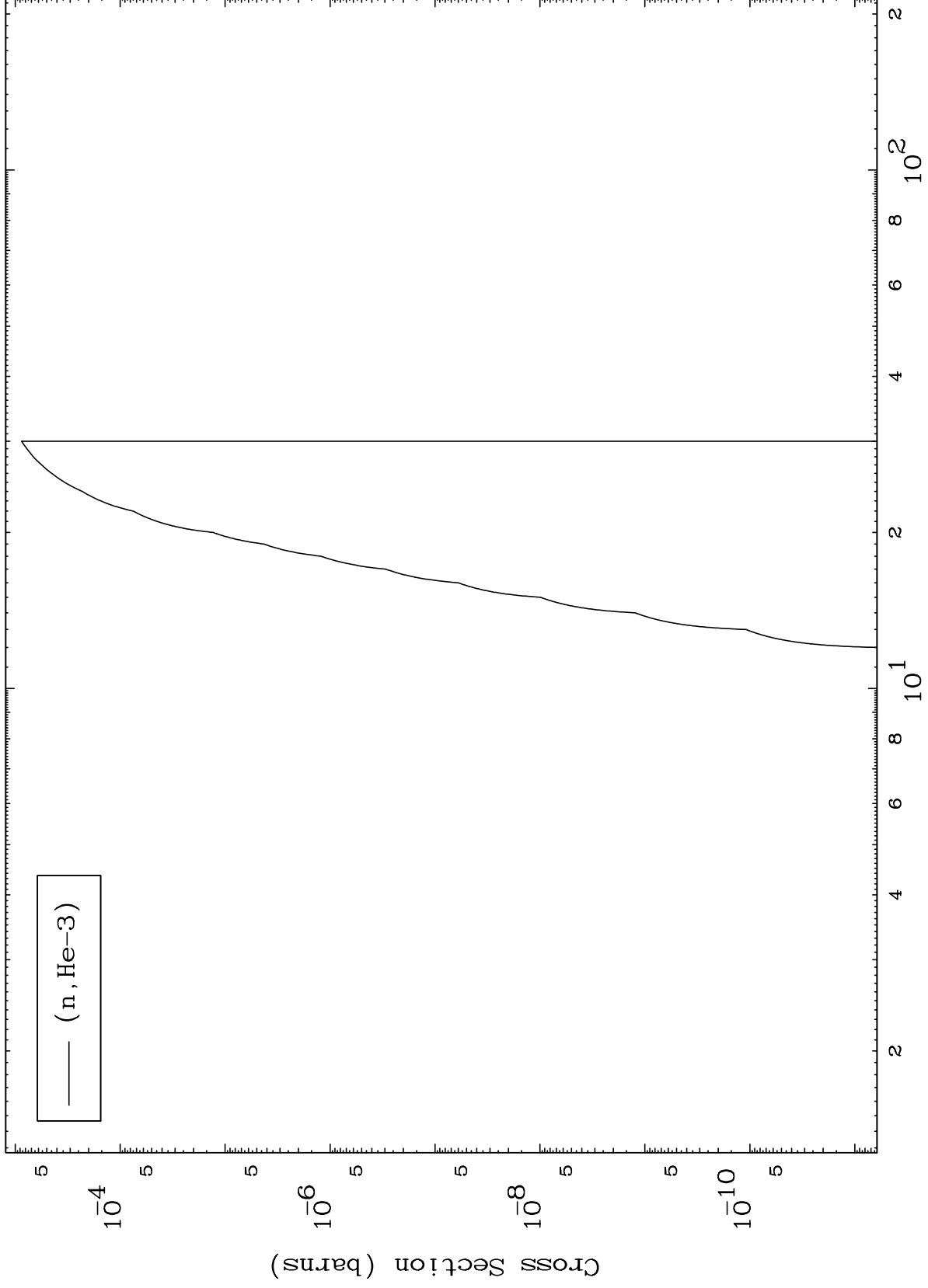
Incident Energy (MeV)

10

MAT 7337

(d,He3) Levels
0 Kelvin Cross Sections

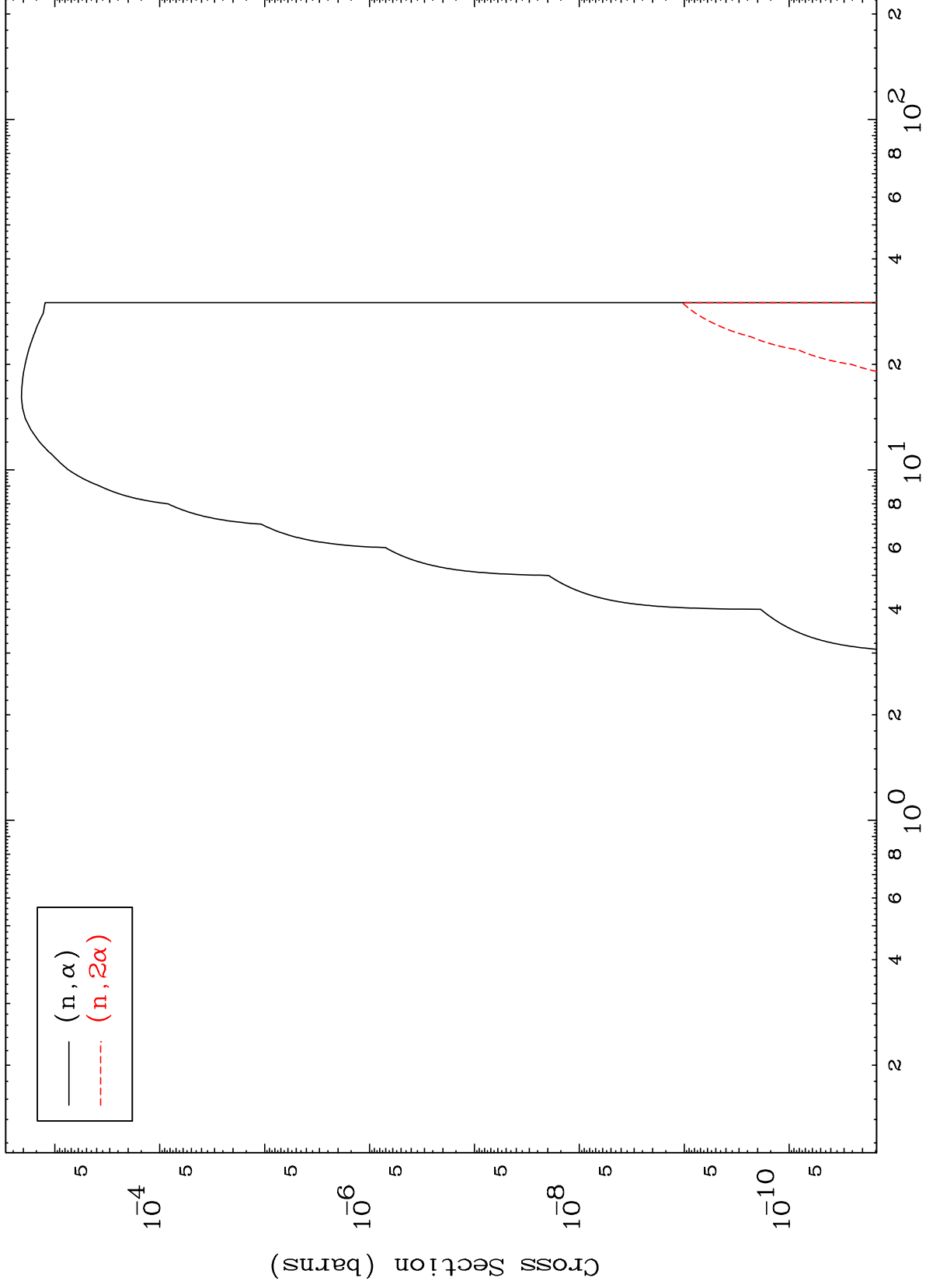
73-Ta-184



MAT 7337

(d, α) Levels
0 Kelvin Cross Sections

⁷³Ta-184



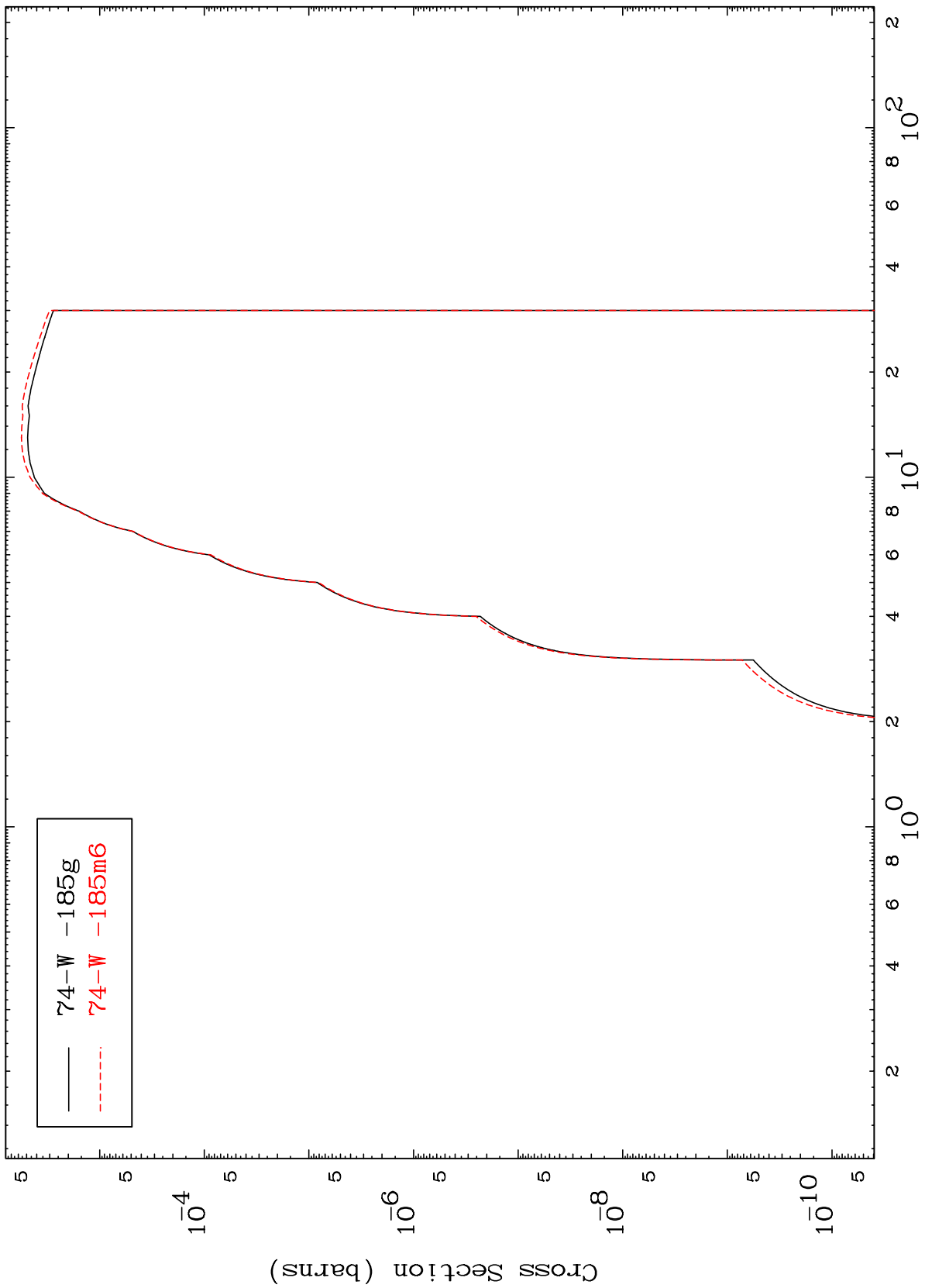
12

⁷³Ta-184

MAT 7337

73-Ta-184

Inelastic
Radionuclide Production Cross Section

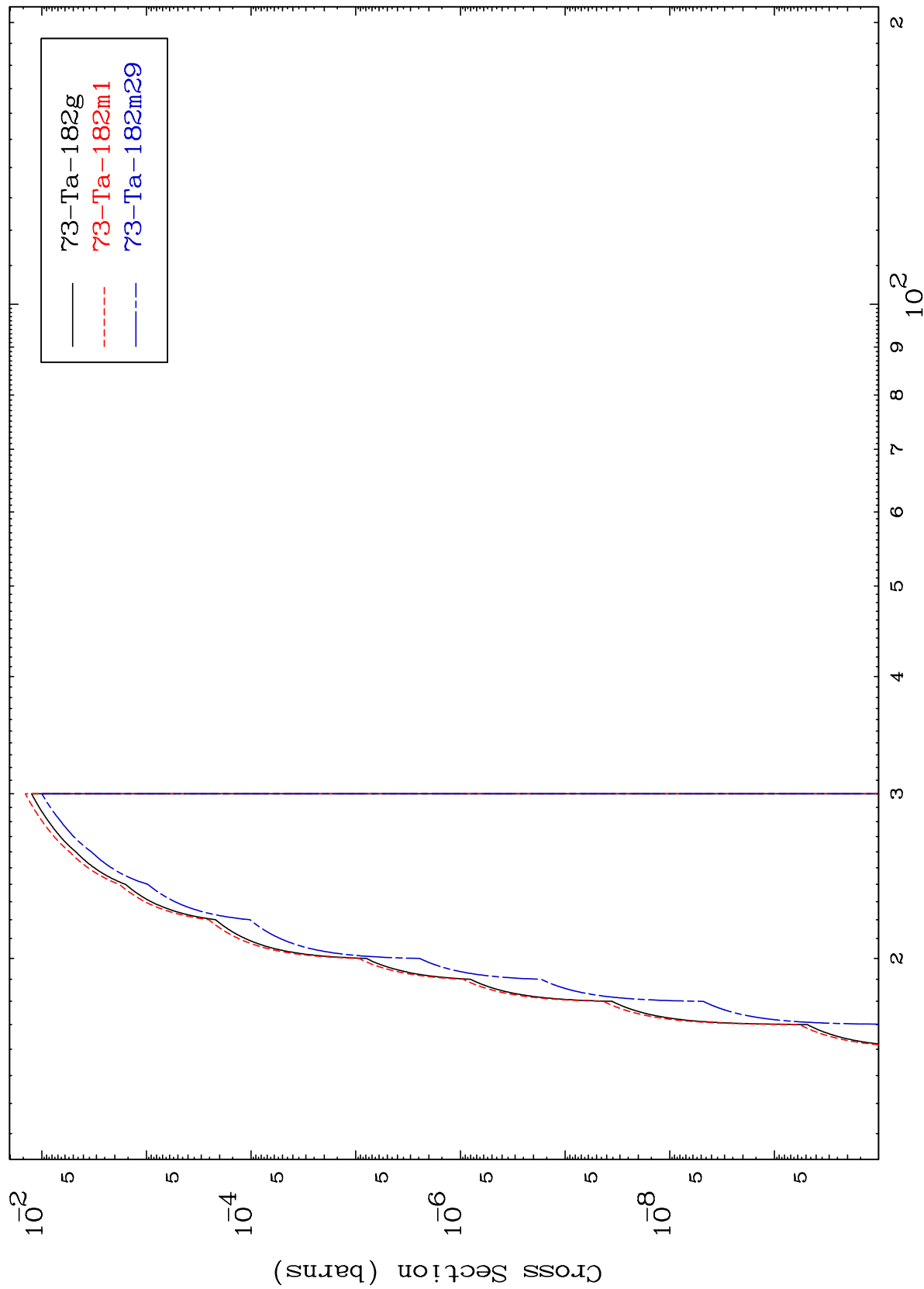


MAT 7337

(n,2n) d

⁷³Ta-184

Radionuclide Production Cross Section



14

Incident Energy (MeV)

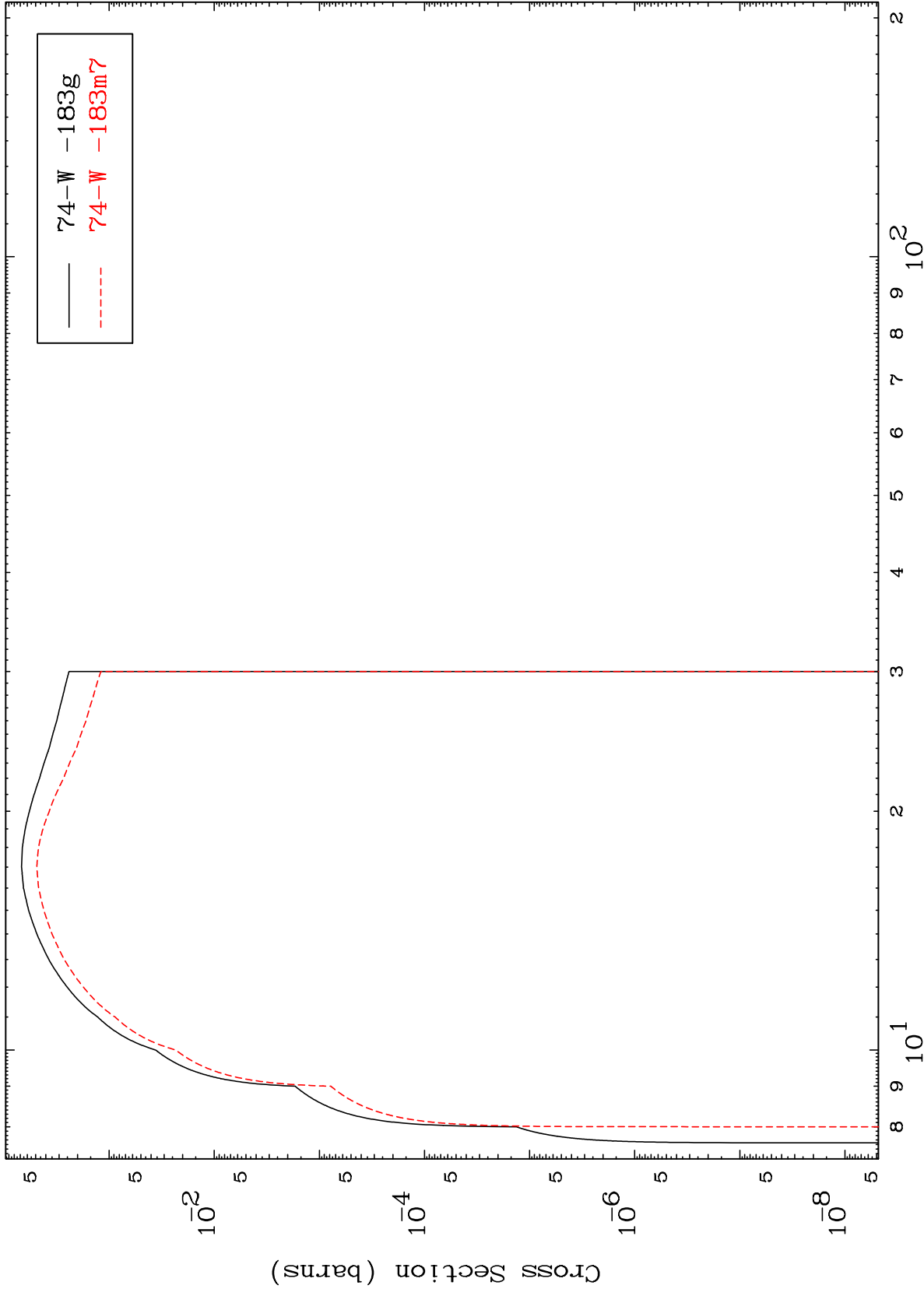
⁷³Ta-184

MAT 7337

(n,3n)

⁷³Ta-184

Radionuclide Production Cross Section



15

Incident Energy (MeV)

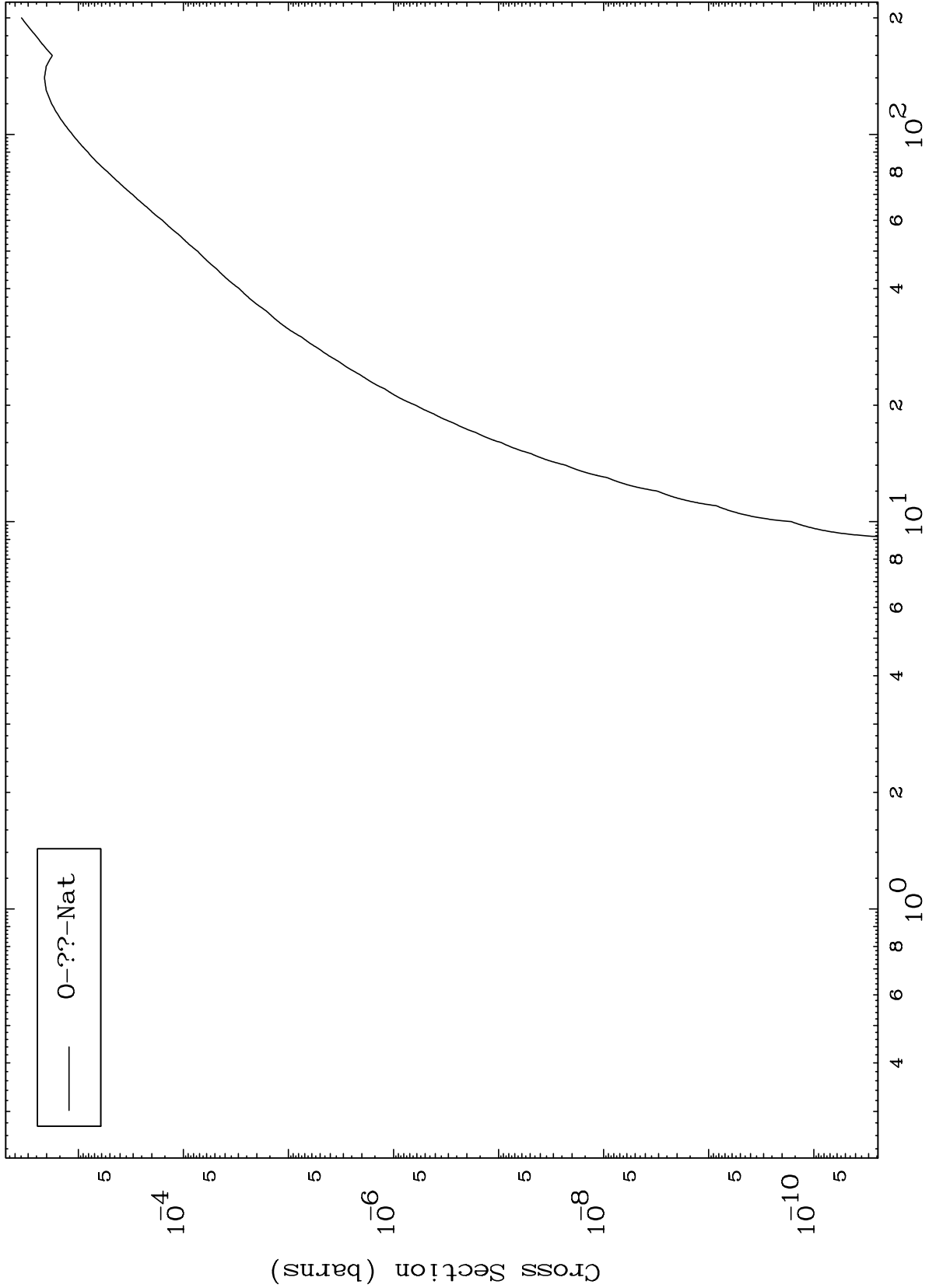
⁷³Ta-184

MAT 7337

Fission

⁷³Ta-184

Radionuclide Production Cross Section

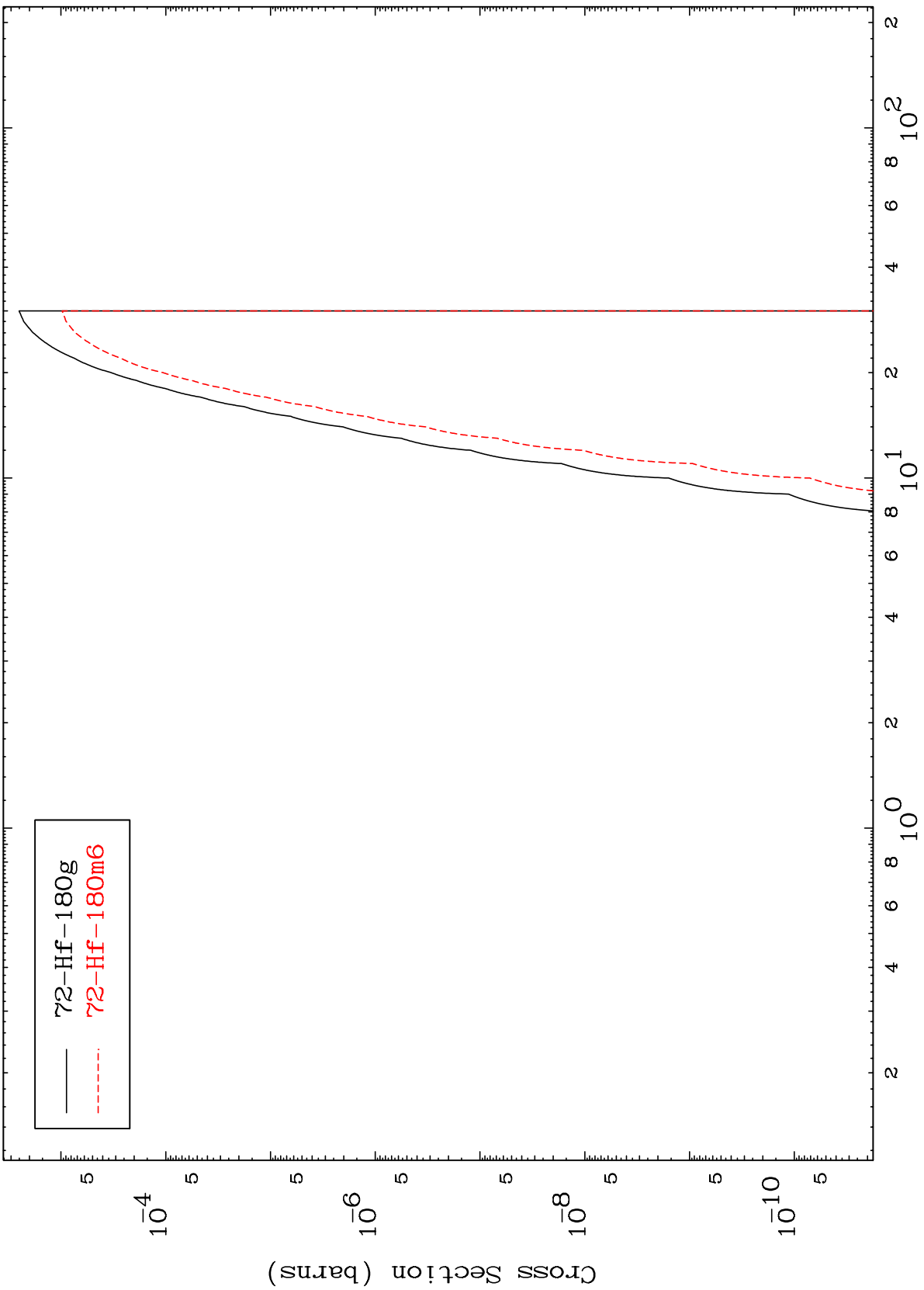


MAT 7337

(n,2n) α

⁷³Ta-184

Radionuclide Production Cross Section

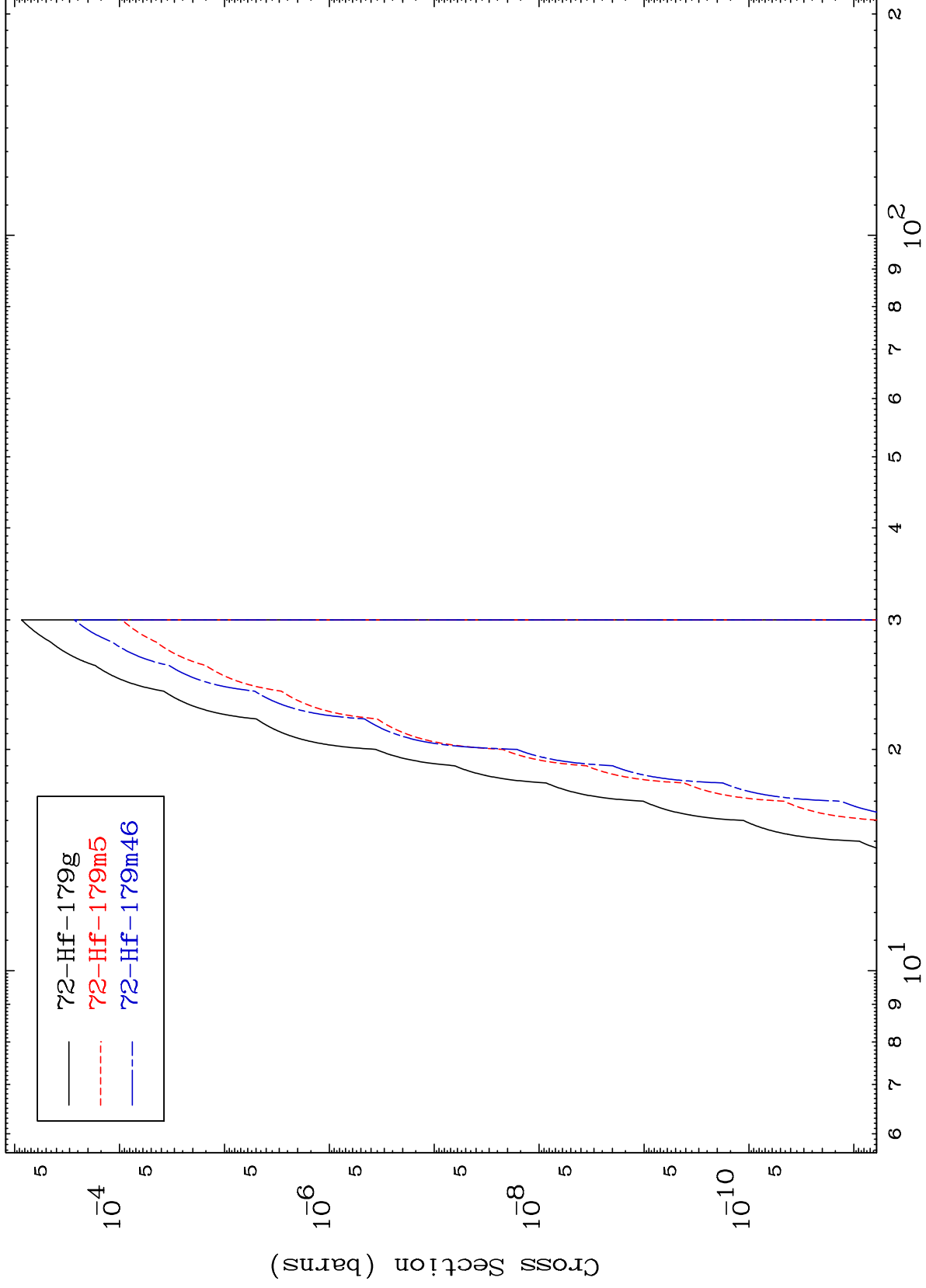


MAT 7337

(n,3n) α

73-Ta-184

Radionuclide Production Cross Section



18

Incident Energy (MeV)

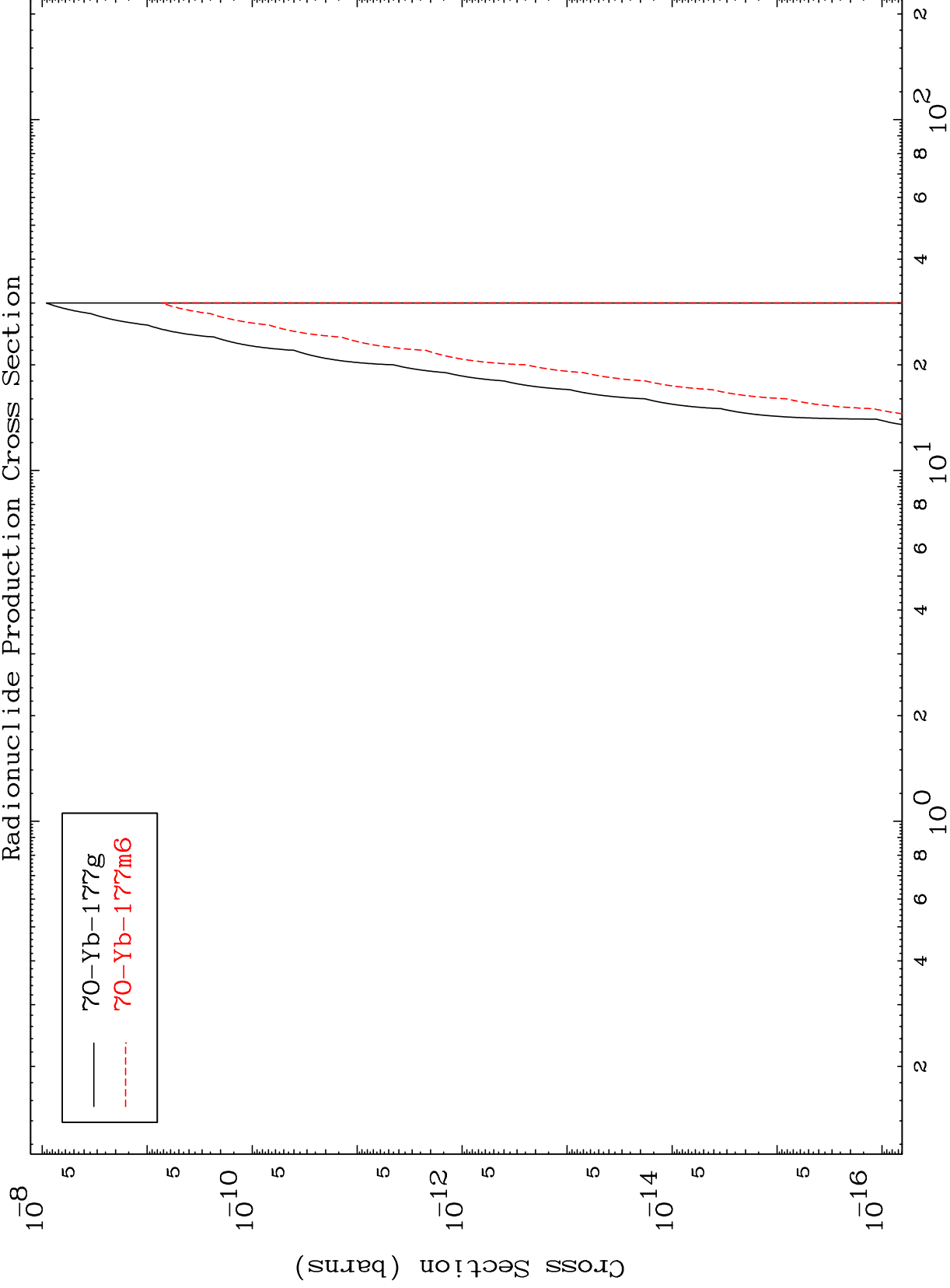
73-Ta-184

MAT 7337

(n,n') 2α

73-Ta-184

Radionuclide Production Cross Section



19

Incident Energy (MeV)

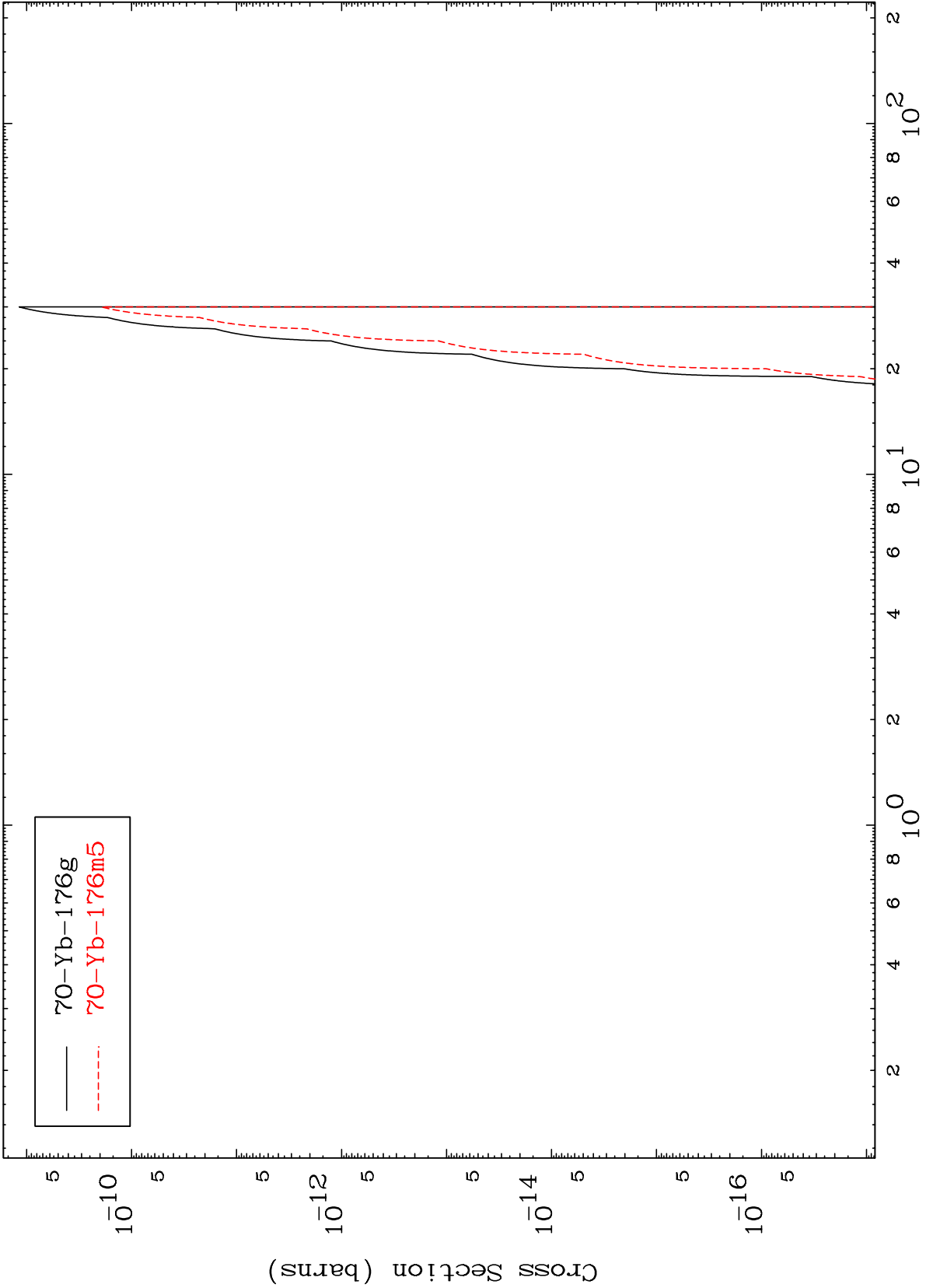
73-Ta-184

MAT 7337

(n,2n) 2 α

73-Ta-184

Radionuclide Production Cross Section



20

Incident Energy (MeV)

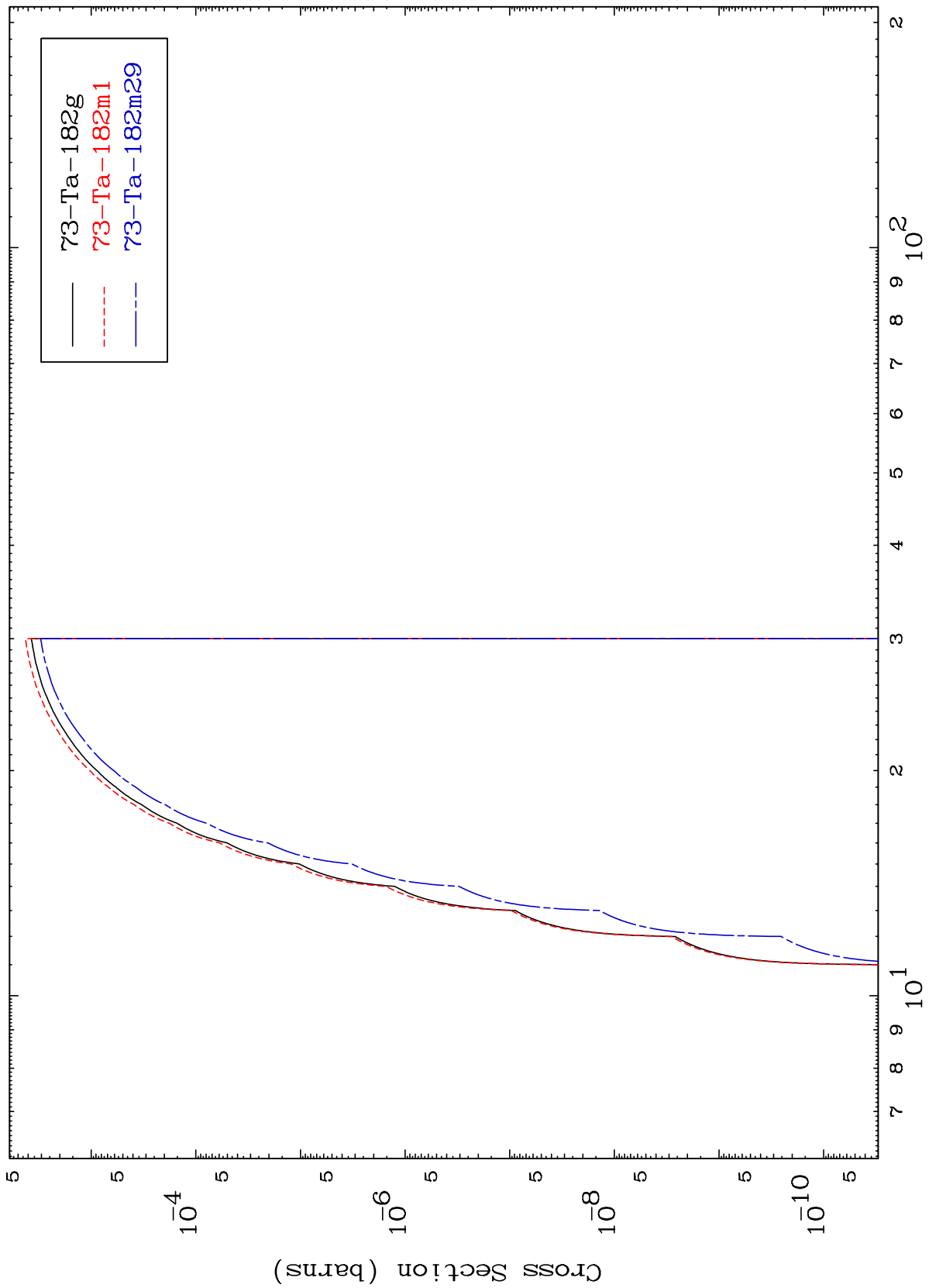
73-Ta-184

MAT 7337

(n,n') t

⁷³Ta-184

Radionuclide Production Cross Section



21

Incident Energy (MeV)

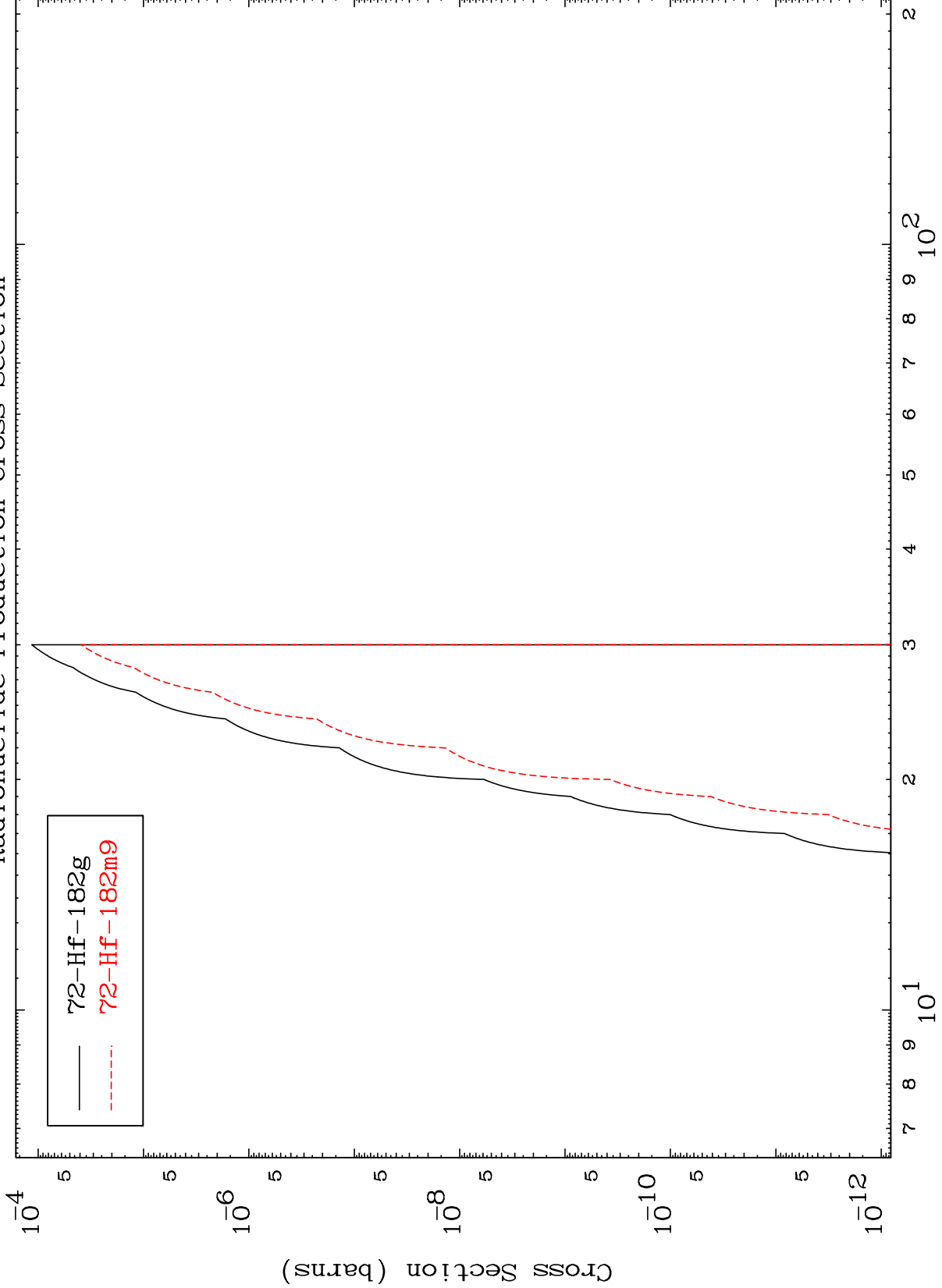
⁷³Ta-184

MAT 7337

(n,n') He-3

73-Ta-184

Radionuclide Production Cross Section



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

22

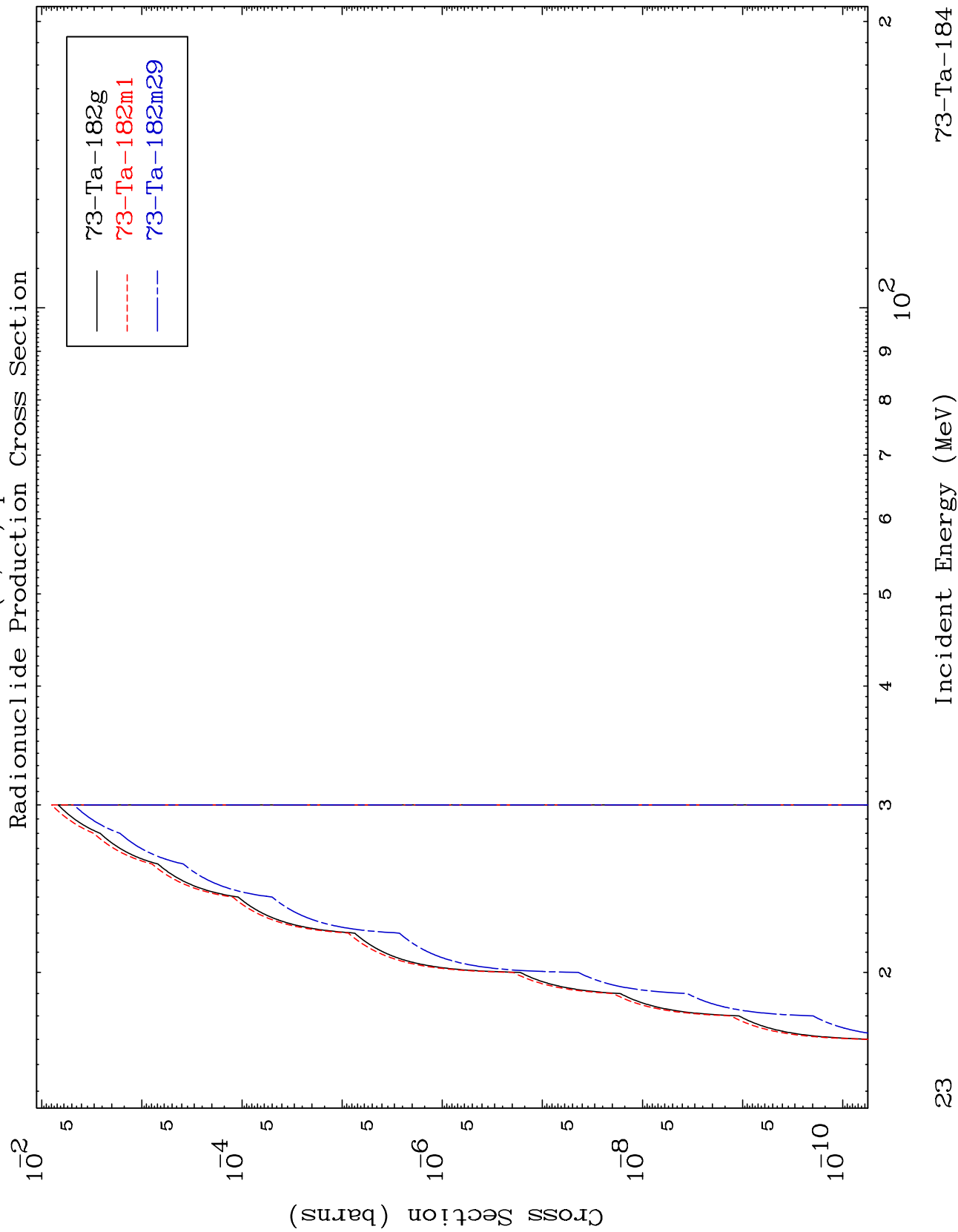
Incident Energy (MeV)

73-Ta-184

MAT 7337

(n,3n) p

⁷³Ta-184



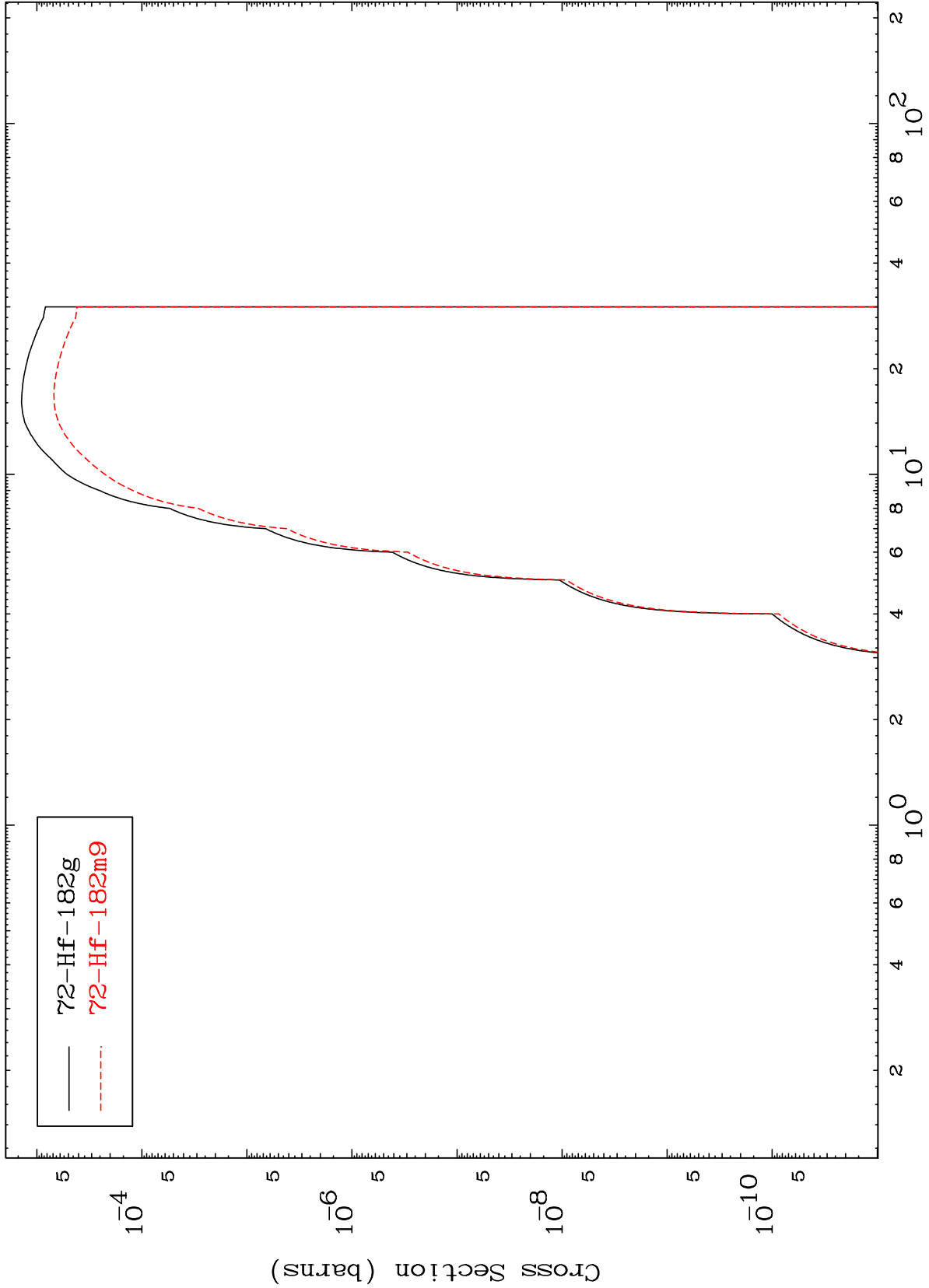
23

⁷³Ta-184

MAT 7337

73-Ta-184

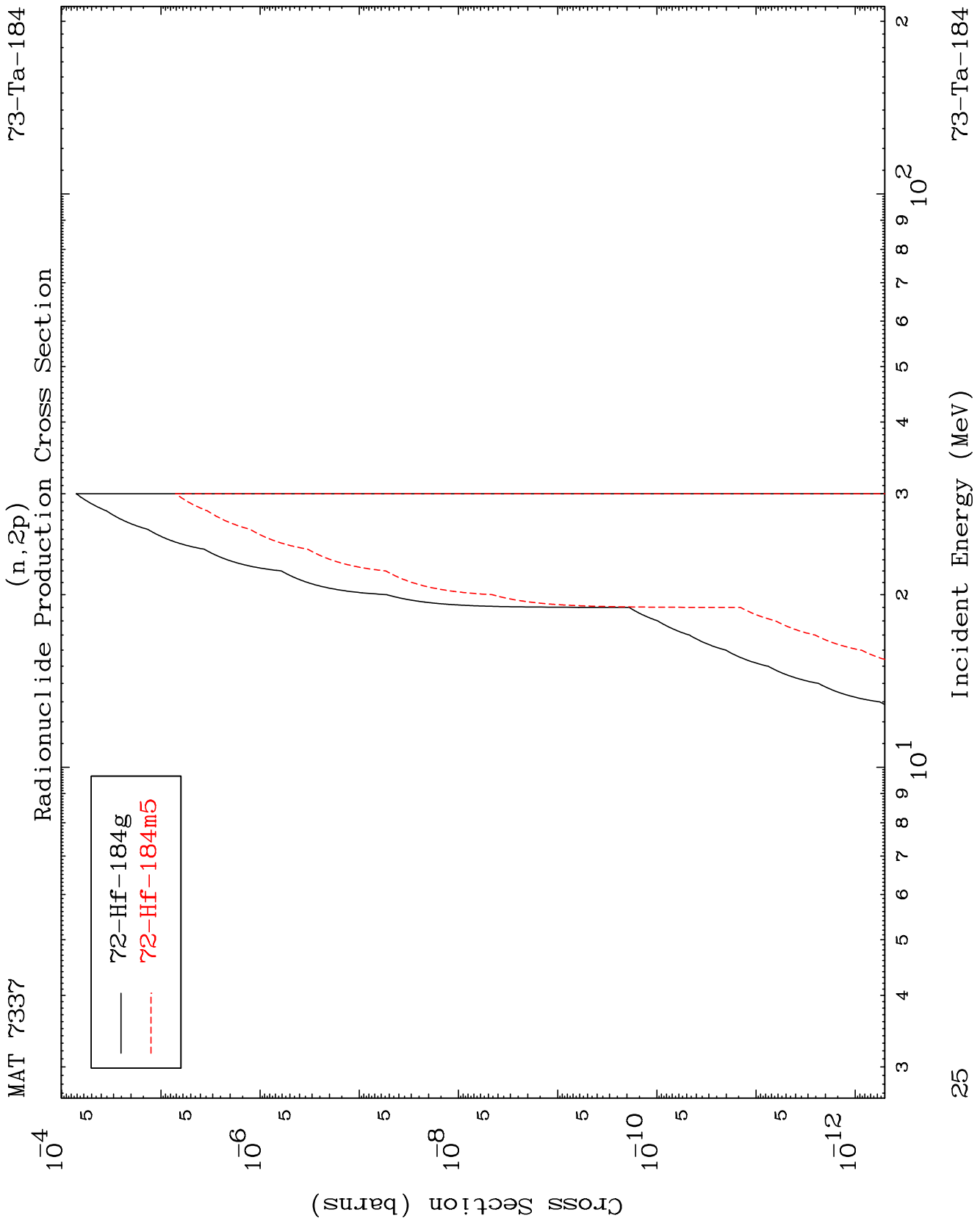
(n, α)
Radionuclide Production Cross Section



24

73-Ta-184

Incident Energy (MeV)

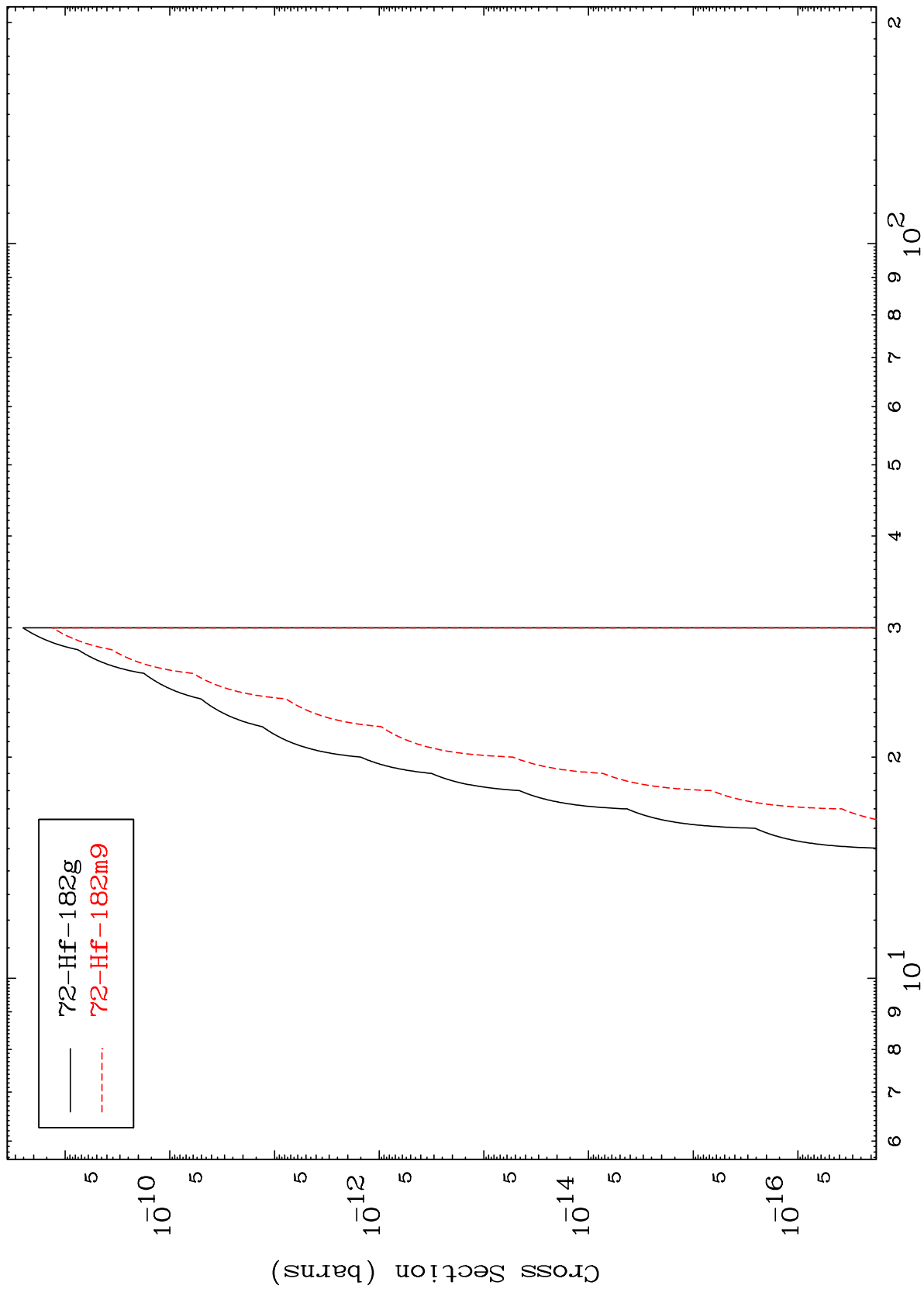


MAT 7337

(n,p) t

⁷³Ta-184

Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷³Ta-184