

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

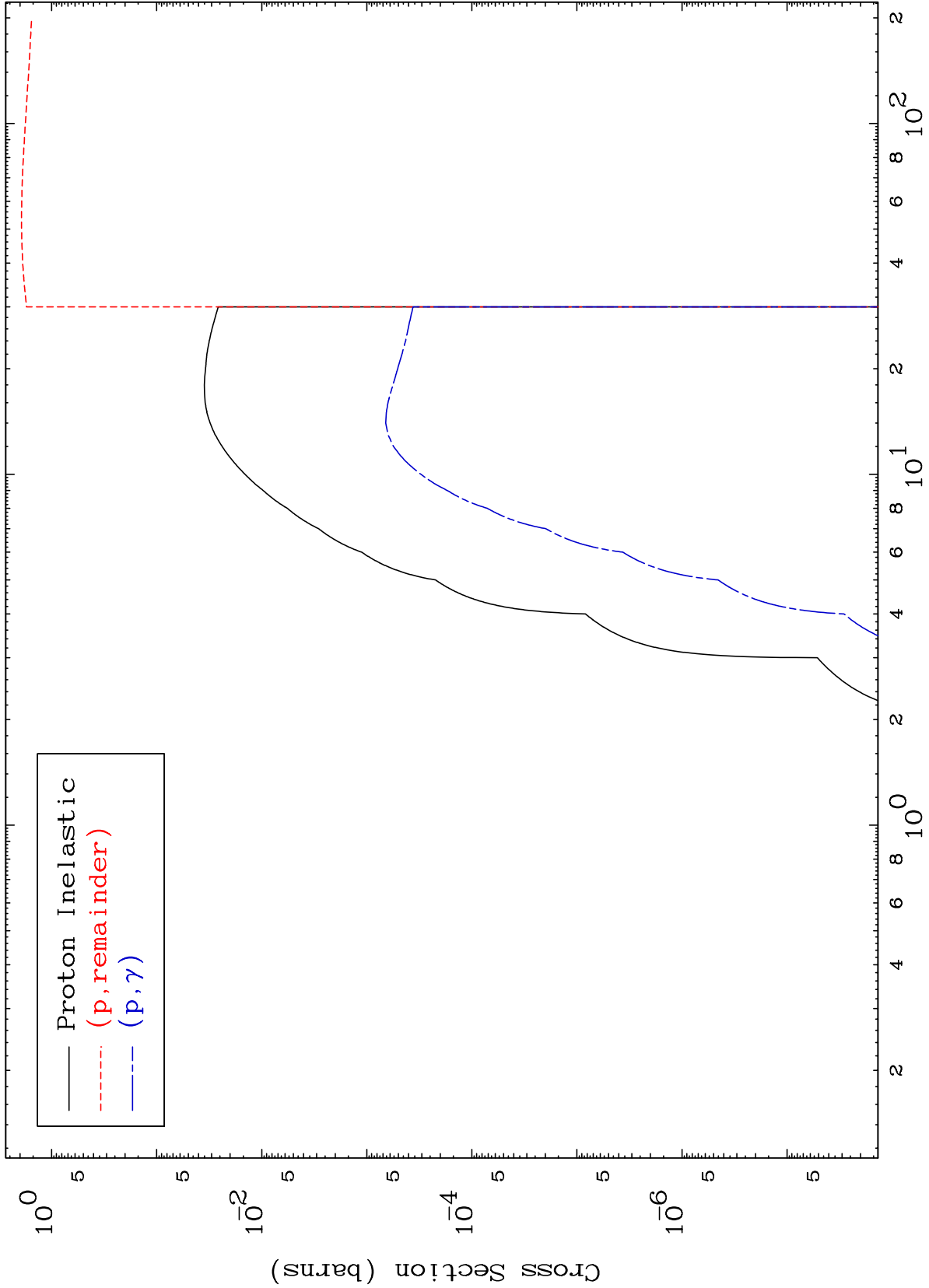
Press Mouse Button to Start

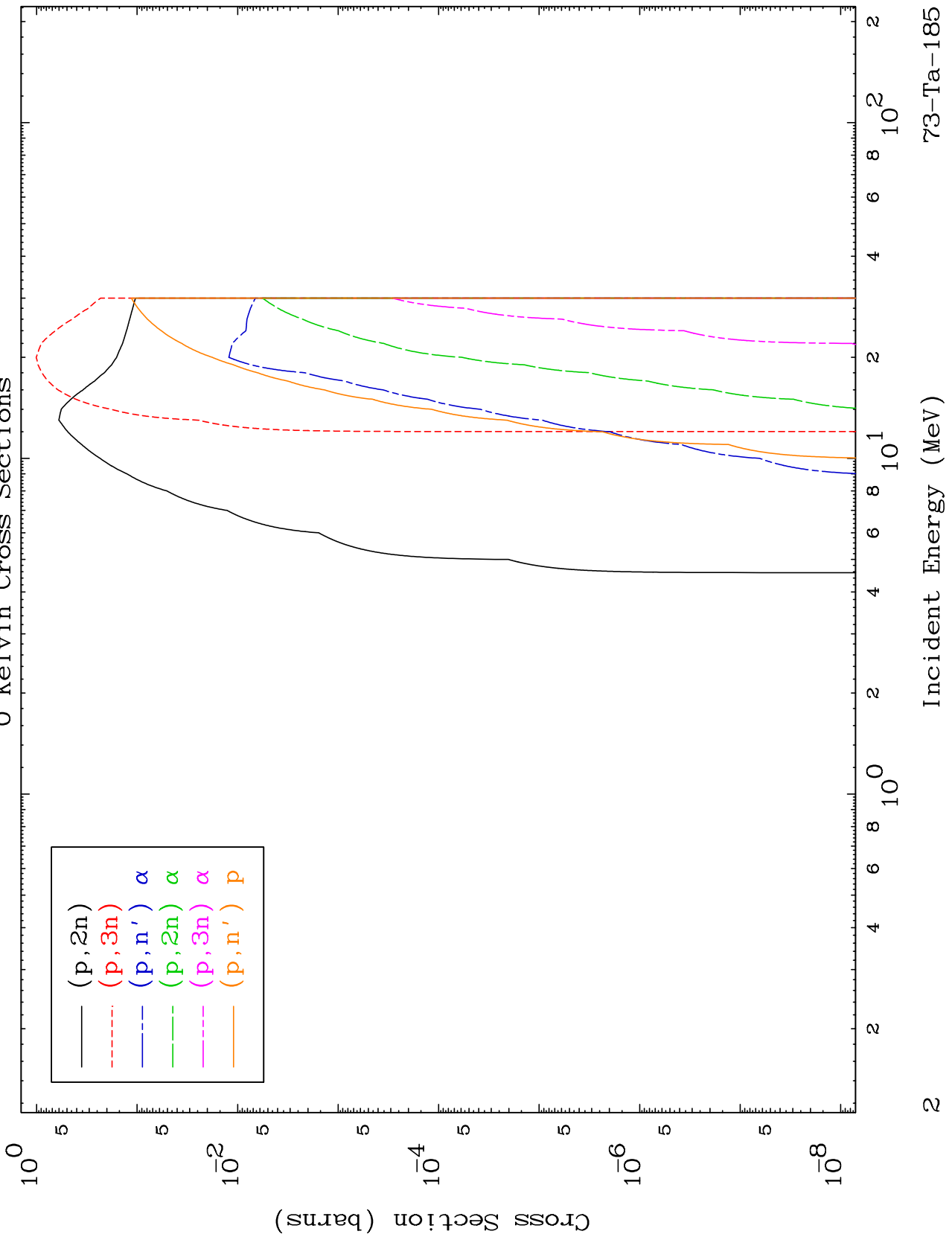
MAT 7340

Proton Major

73-Ta-185

0 Kelvin Cross Sections

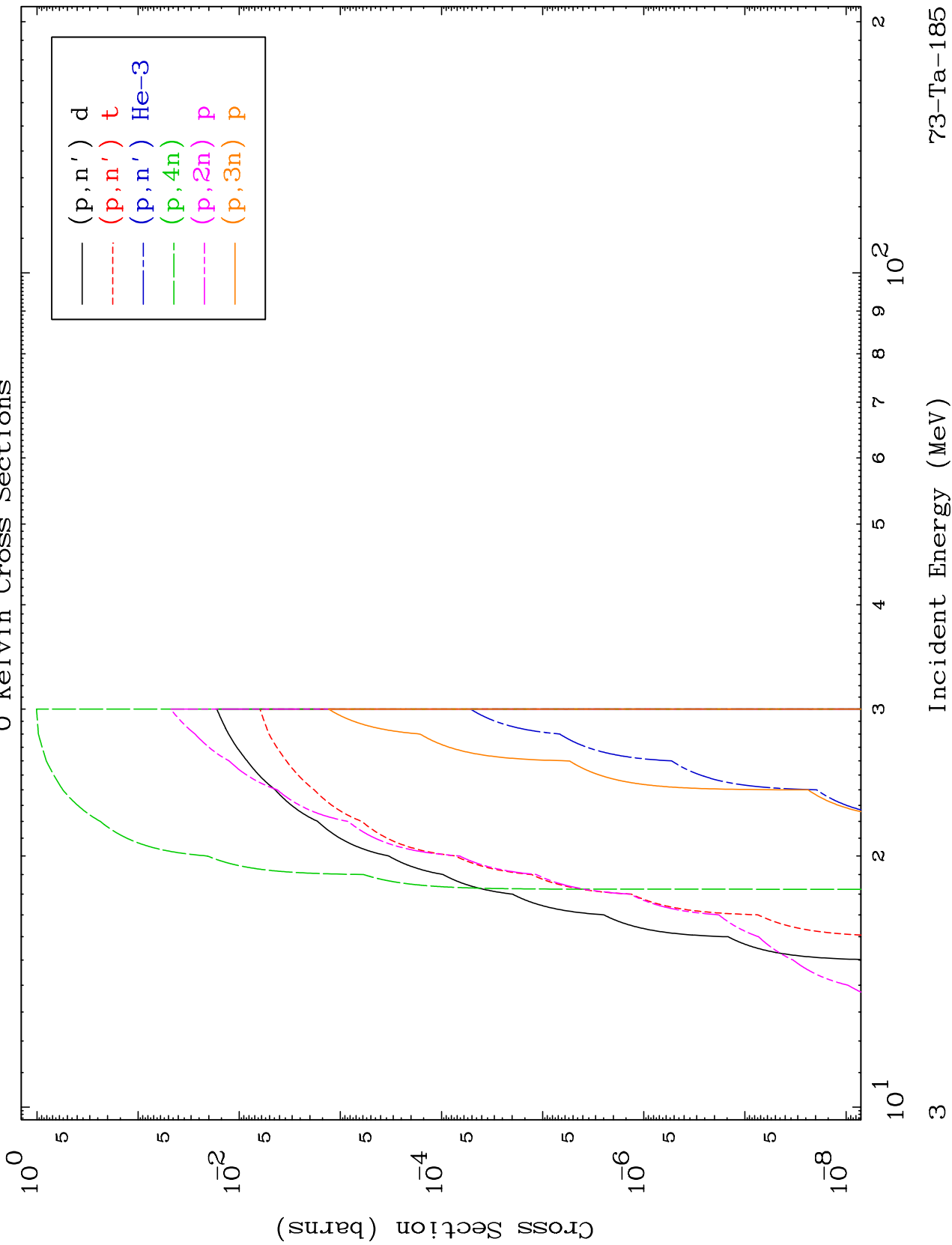




MAT 7340

Proton Neutron Production
0 Kelvin Cross Sections

73-Ta-185



73-Ta-185

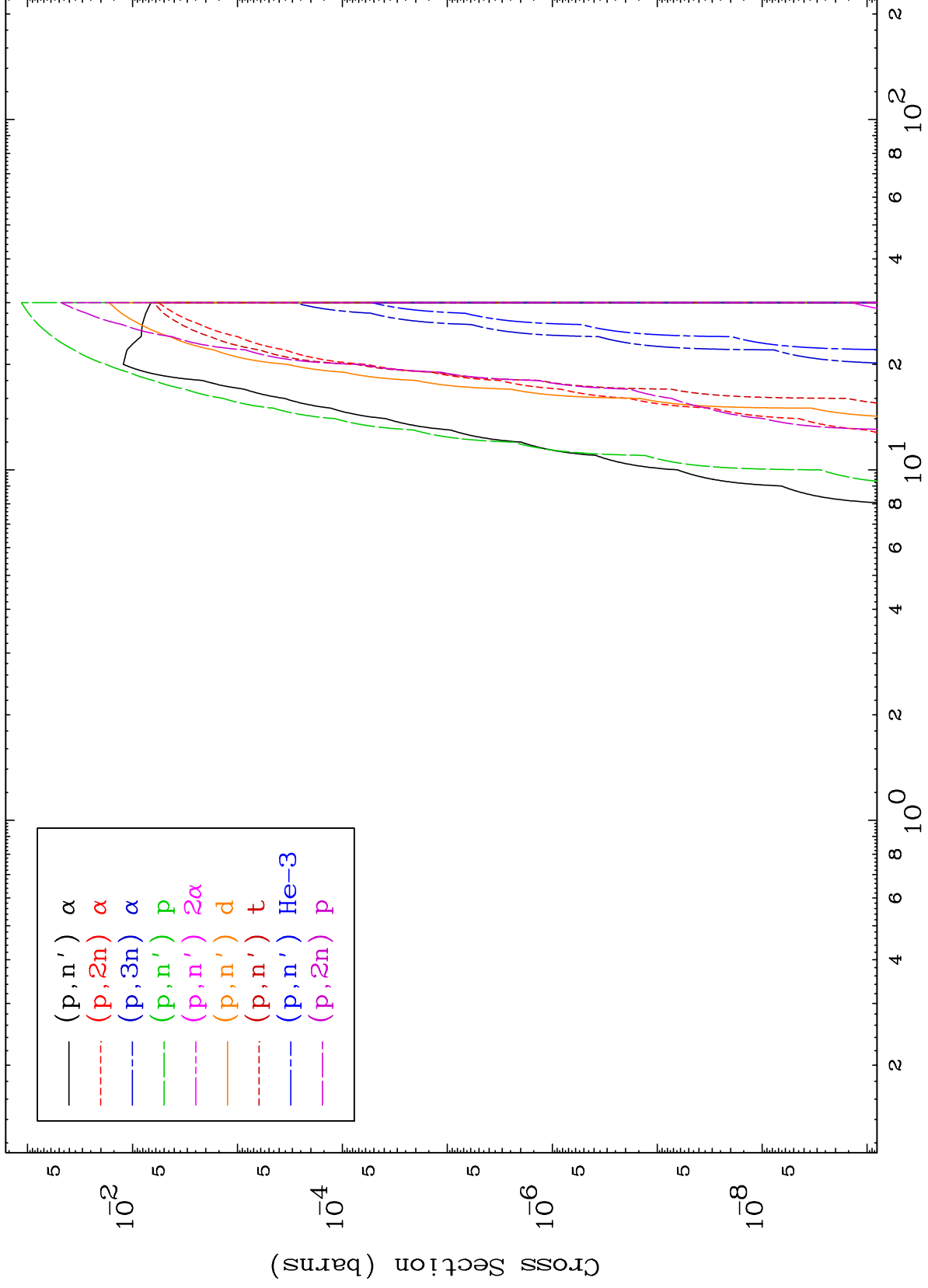
Incident Energy (MeV)

3

MAT 7340

Proton Charged Particle
0 Kelvin Cross Sections

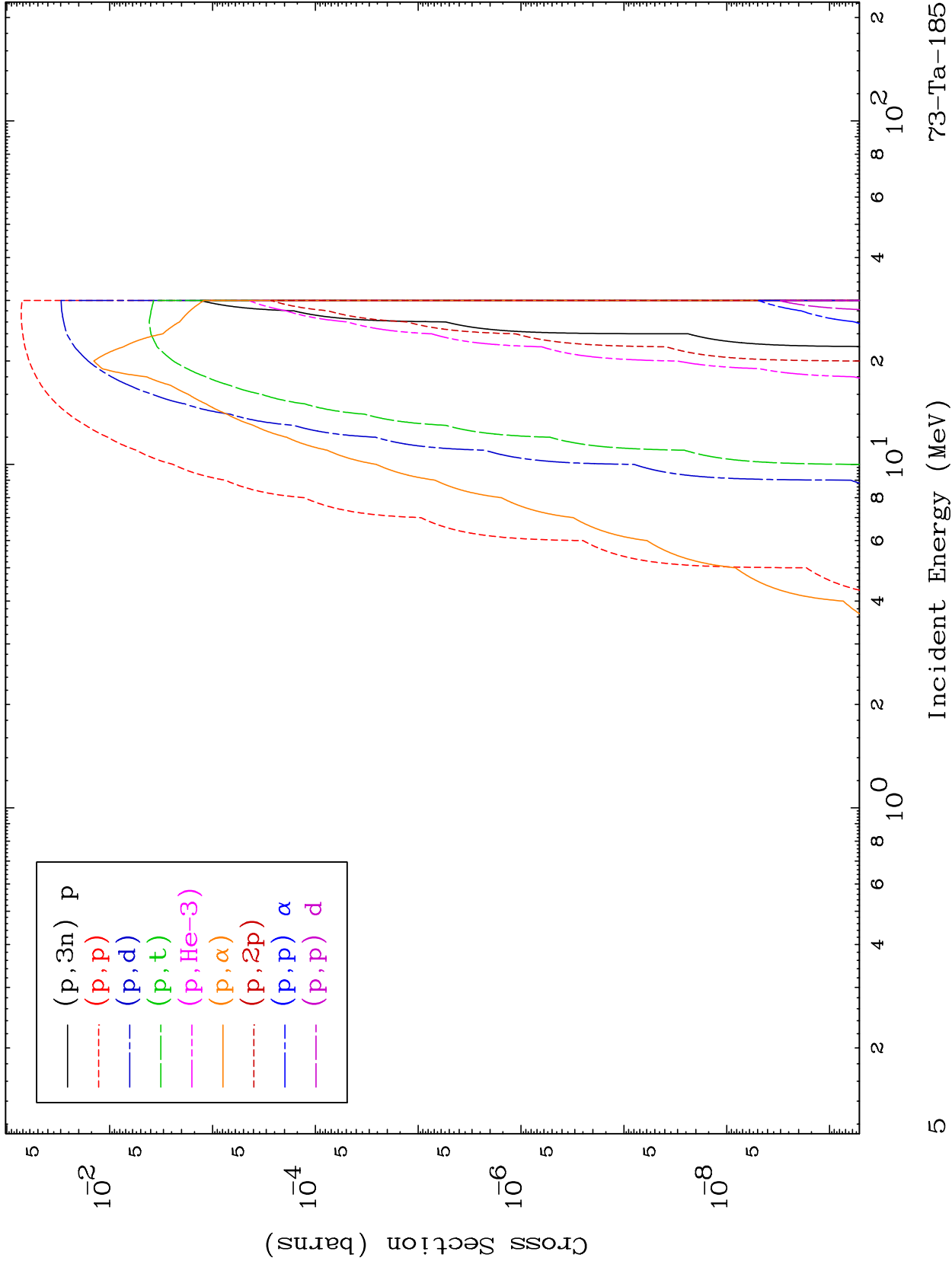
73-Ta-185



MAT 7340

Proton Charged Particle
0 Kelvin Cross Sections

73-Ta-185



5

Incident Energy (MeV)

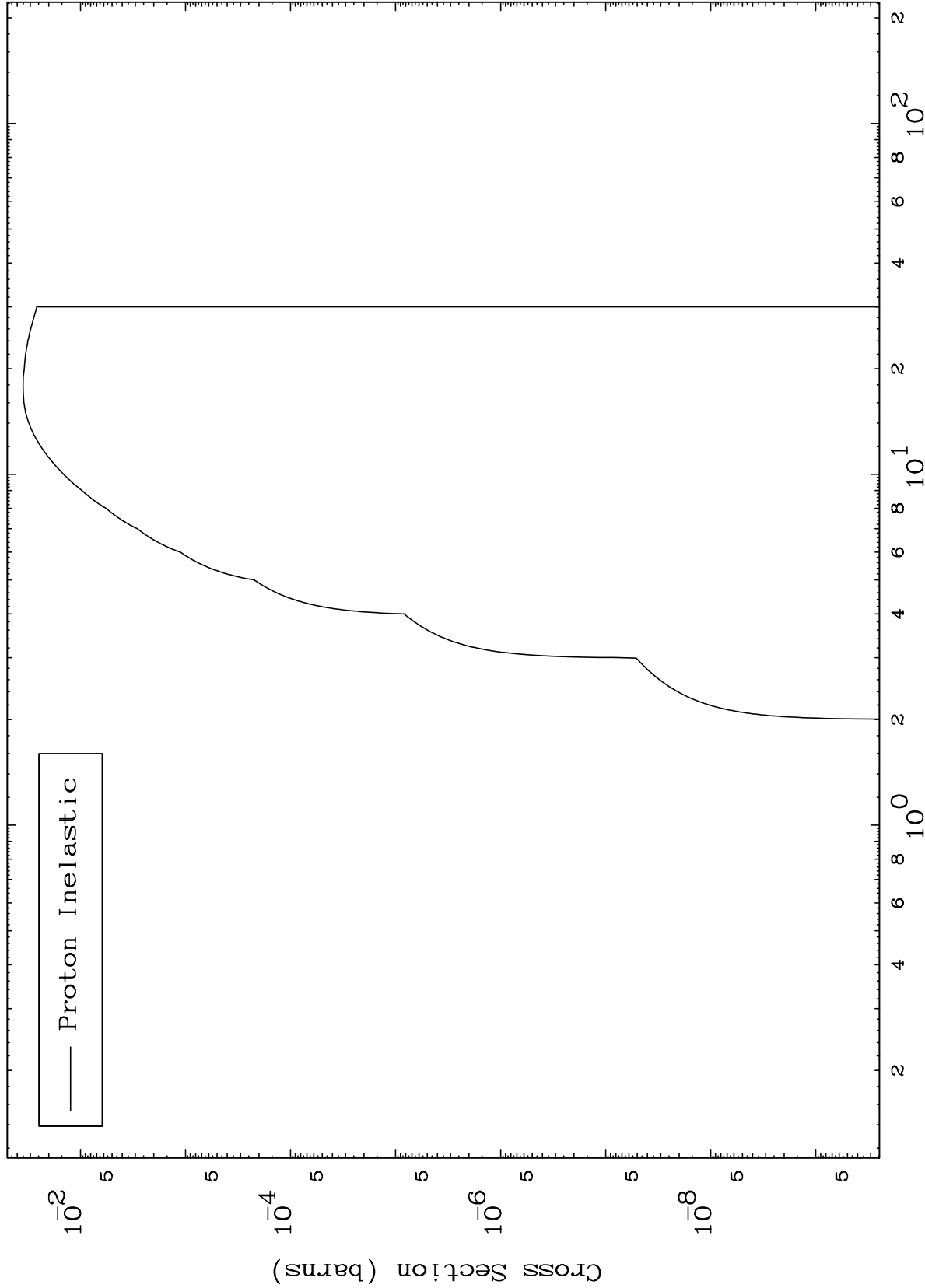
73-Ta-185

MAT 7340

(p,n') Level

73-Ta-185

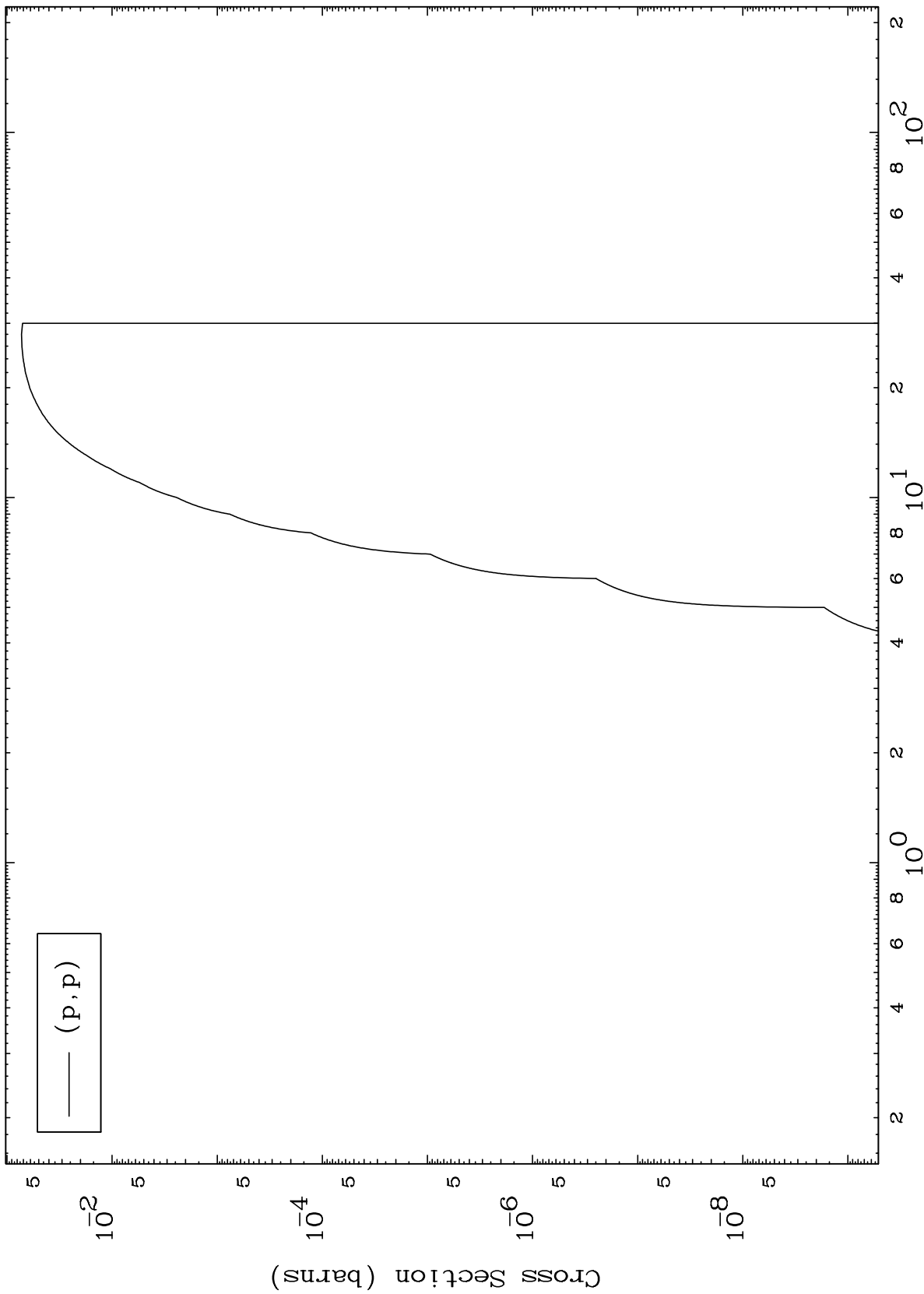
0 Kelvin Cross Sections



MAT 7340

73-Ta-185

(p,p) Levels
0 Kelvin Cross Sections



73-Ta-185

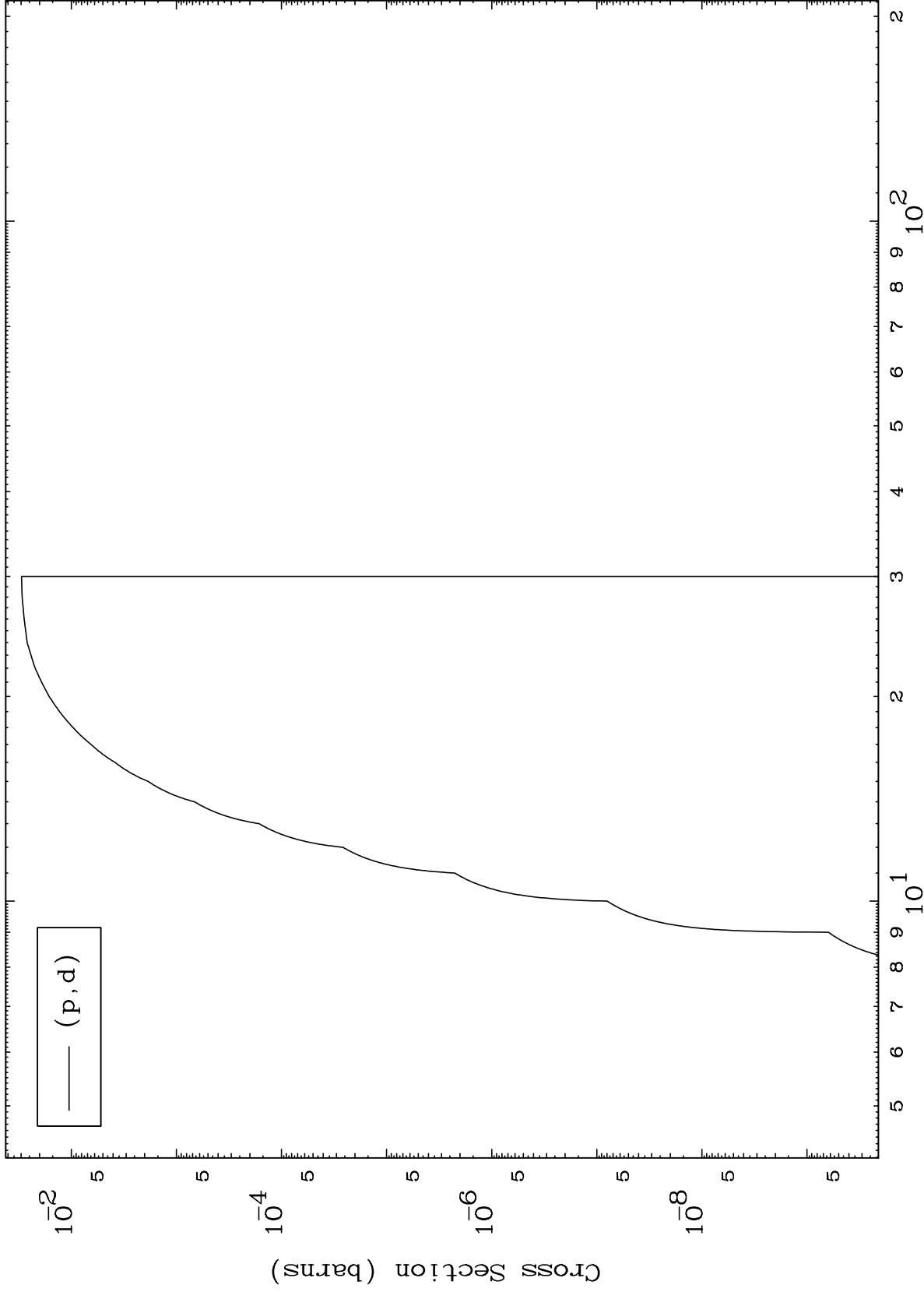
Incident Energy (MeV)

7

MAT 7340

(p,d) Levels
0 Kelvin Cross Sections

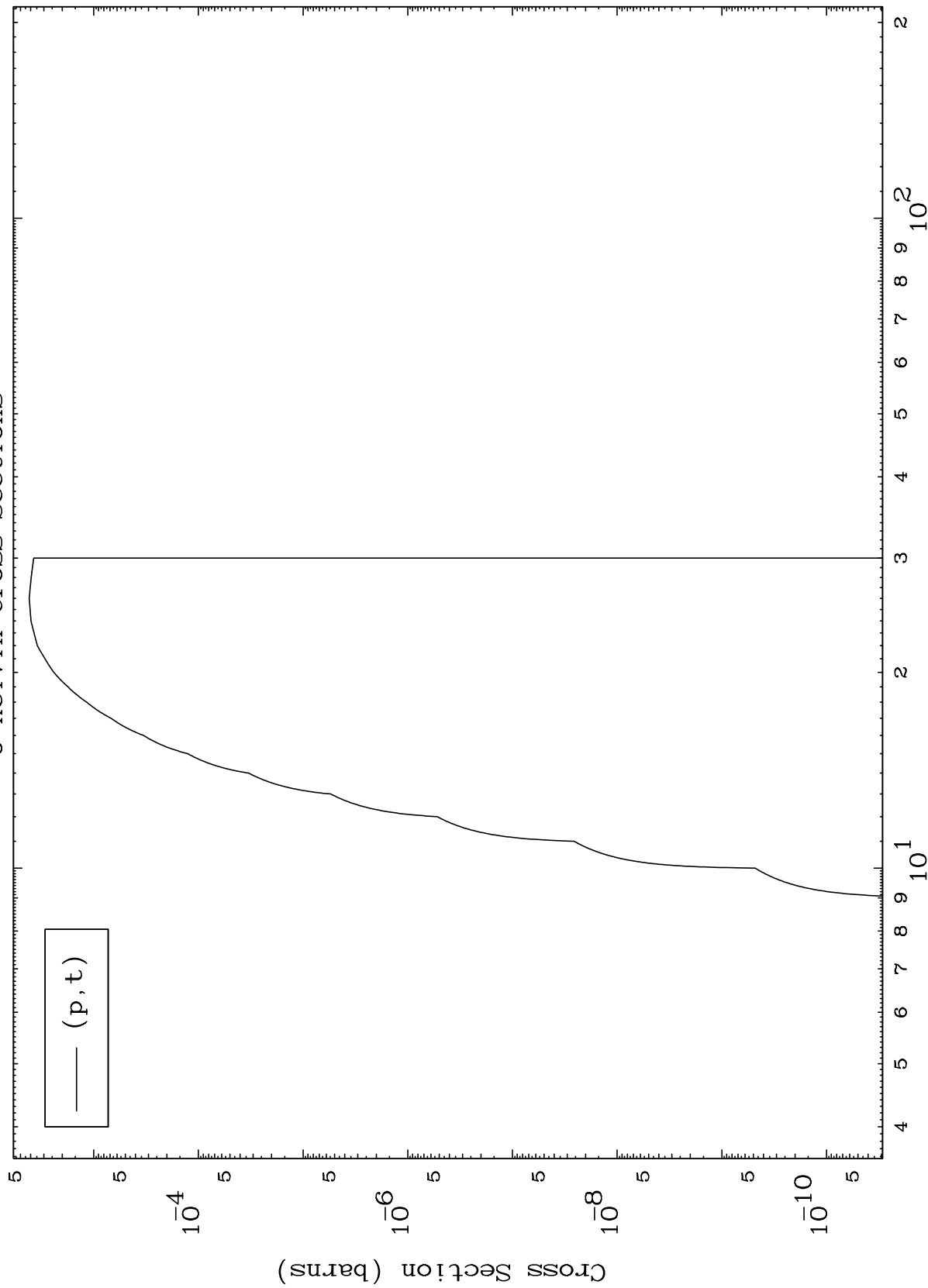
73-Ta-185



MAT 7340

73-Ta-185

(p, t) Levels
0 Kelvin Cross Sections



73-Ta-185

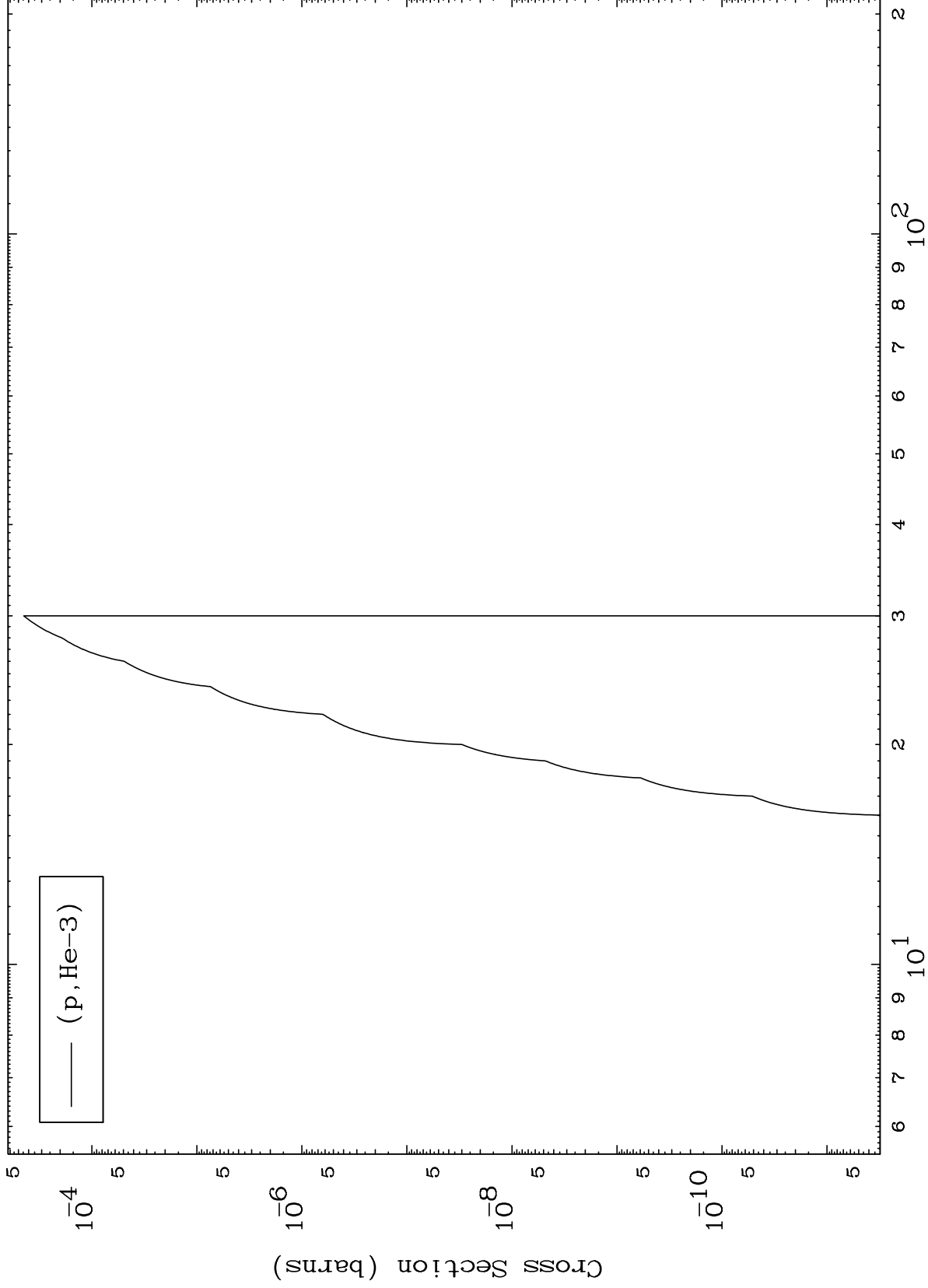
Incident Energy (MeV)

9

MAT 7340

(p,He3) Levels
0 Kelvin Cross Sections

73-Ta-185



10

Incident Energy (MeV)

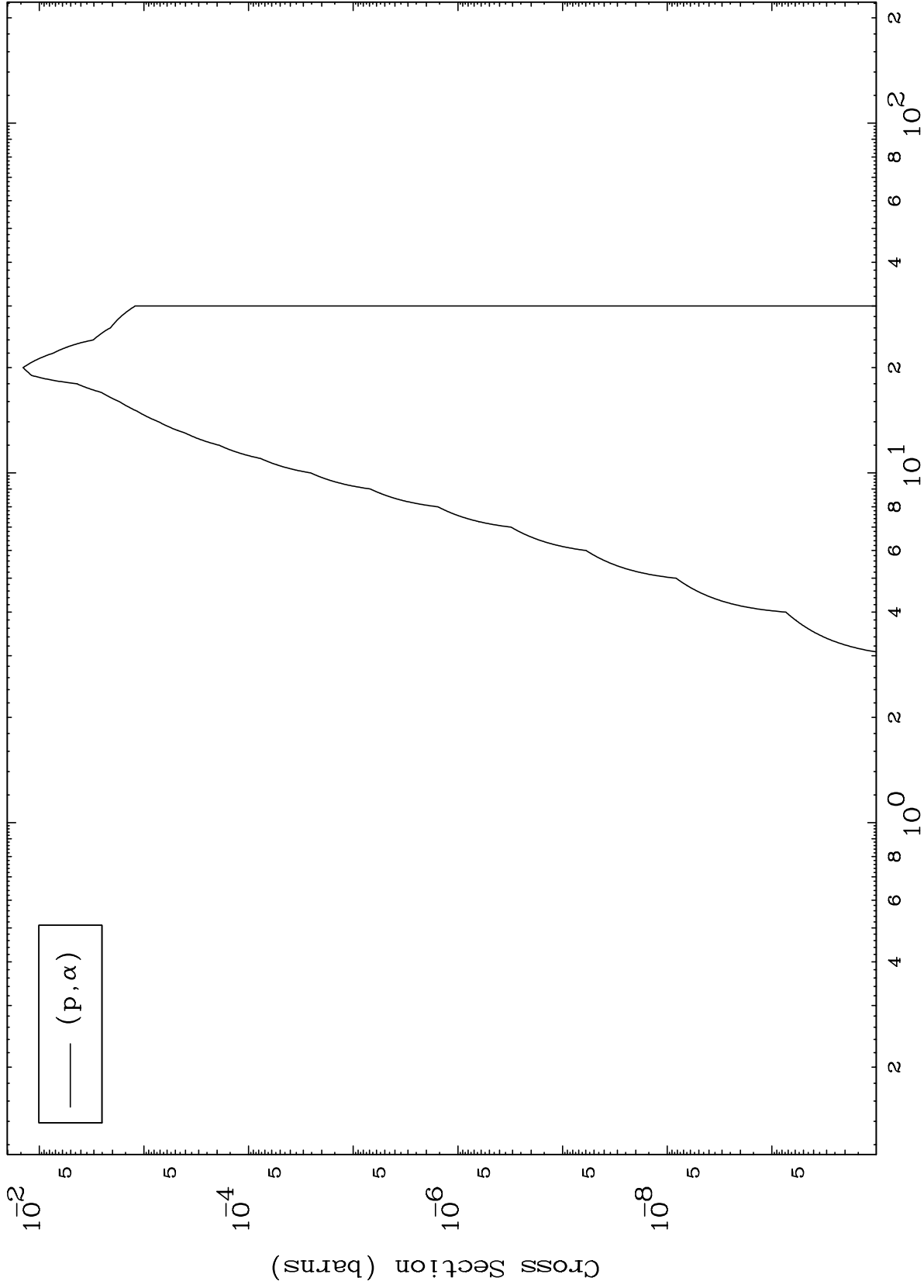
73-Ta-185

MAT 7340

(p, α) Levels

73-Ta-185

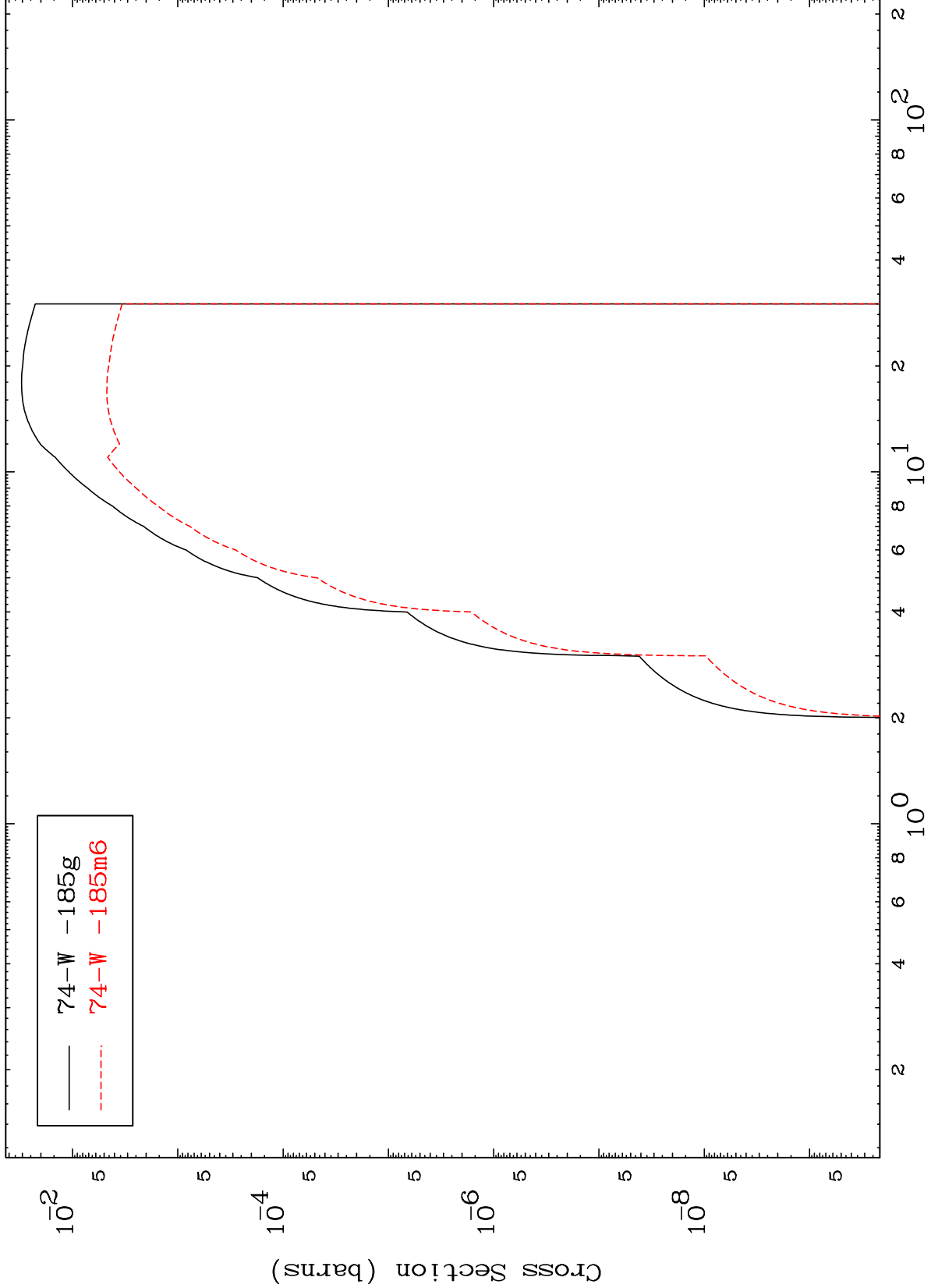
0 Kelvin Cross Sections



MAT 7340

Proton Inelastic
Radionuclide Production Cross Section

73-Ta-185

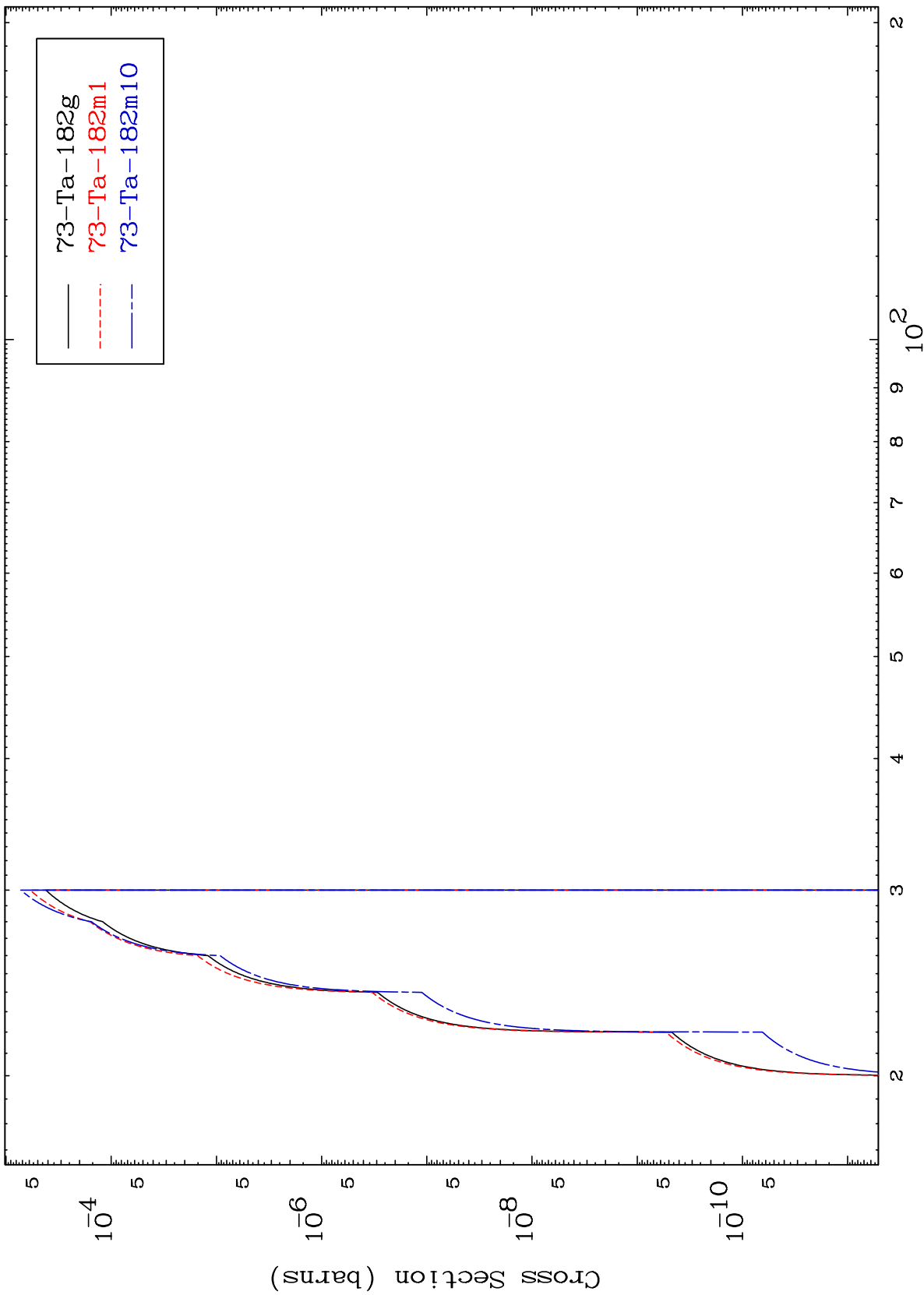


MAT 7340

(p,2n) d

⁷³Ta-185

Radionuclide Production Cross Section



13

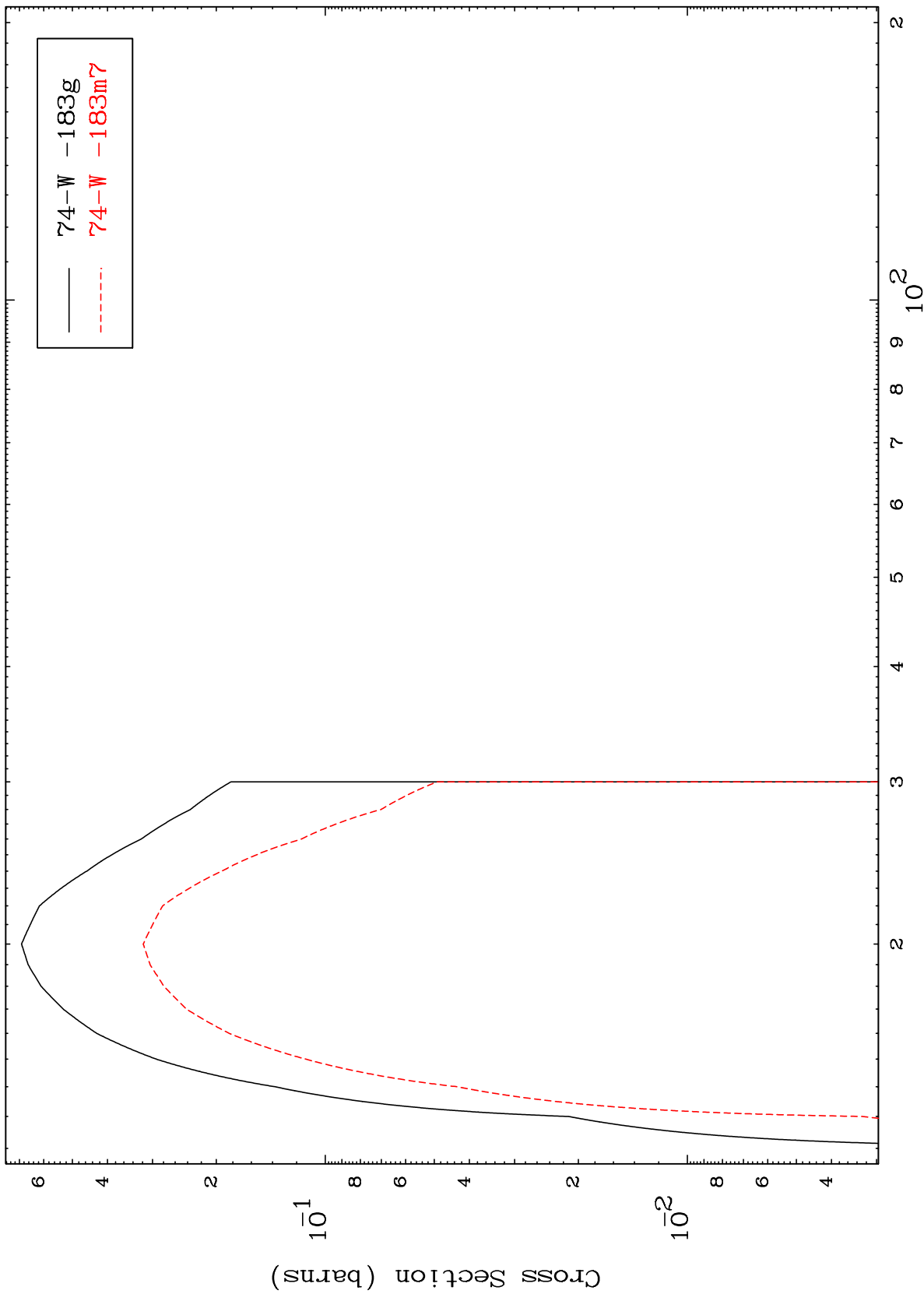
Incident Energy (MeV)

⁷³Ta-185

MAT 7340

⁷³Ta-185

(p,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

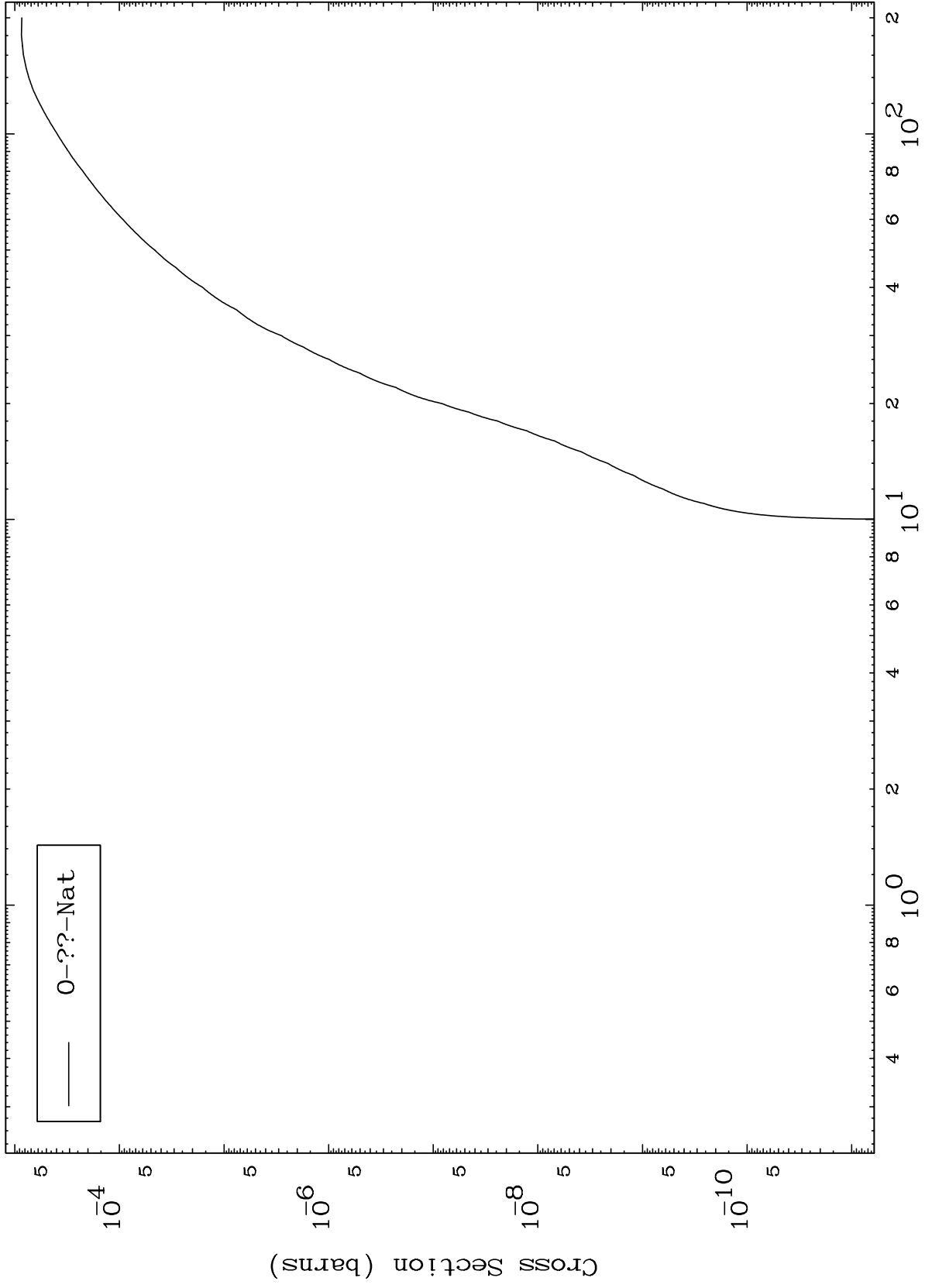
⁷³Ta-185

MAT 7340

Proton Fission

⁷³Ta-185

Radionuclide Production Cross Section



15

Incident Energy (MeV)

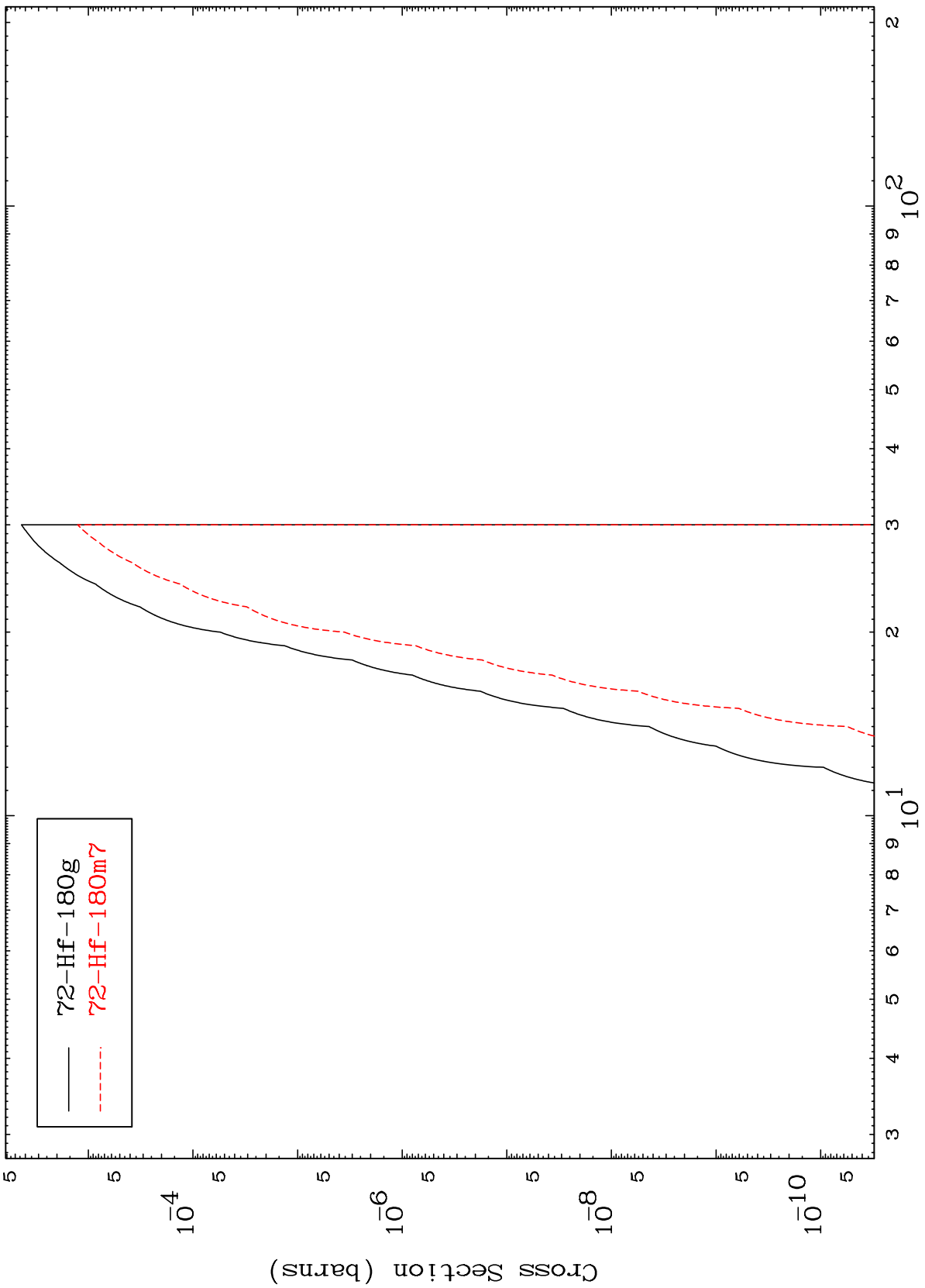
⁷³Ta-185

MAT 7340

$(p,2n) \alpha$

$^{73}\text{Ta-185}$

Radionuclide Production Cross Section



Legend:
— $^{72}\text{Hf-180g}$
- - - $^{72}\text{Hf-180m7}$

16

Incident Energy (MeV)

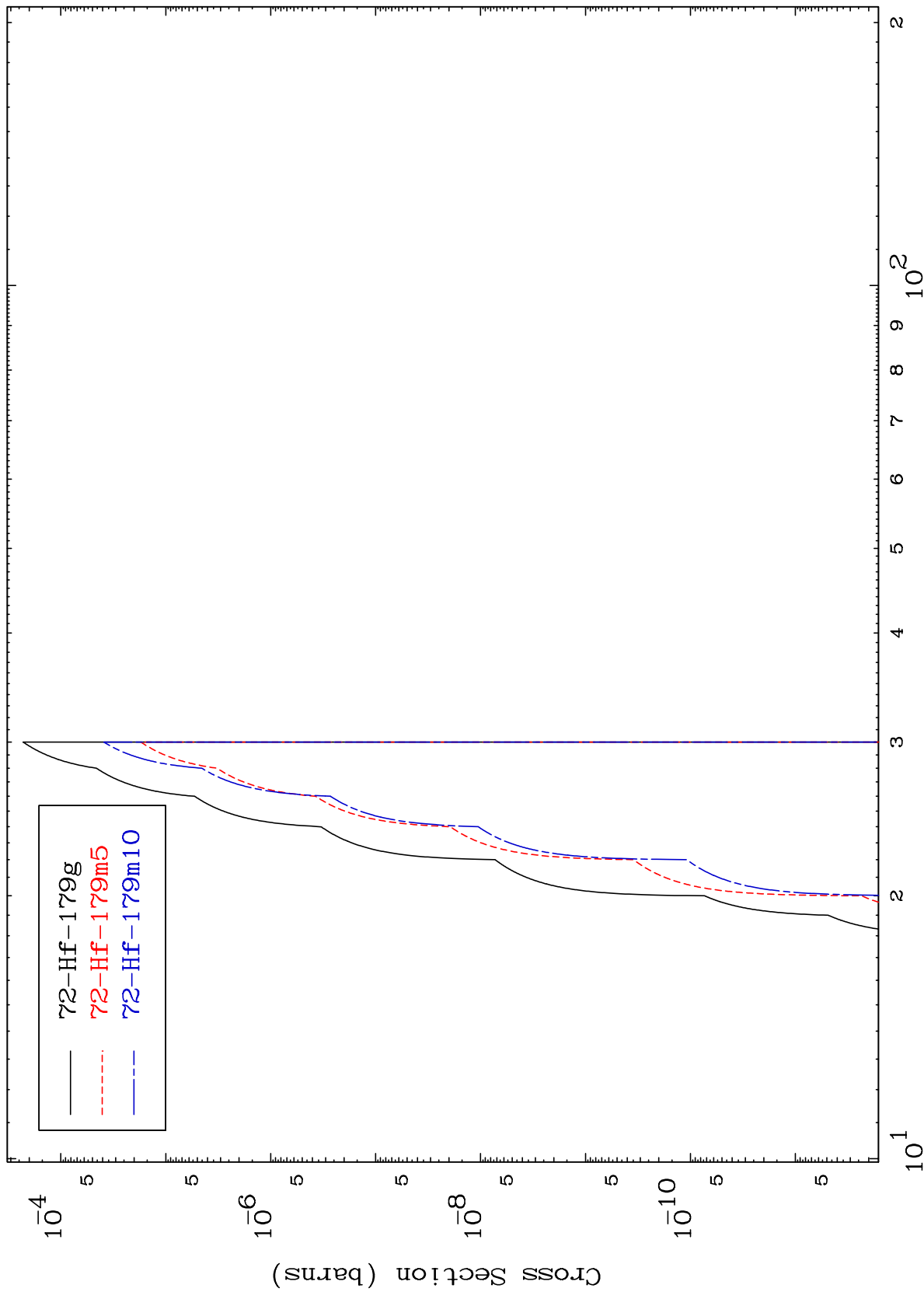
$^{73}\text{Ta-185}$

MAT 7340

(p,3n) α

⁷³Ta-185

Radionuclide Production Cross Section



Incident Energy (MeV)

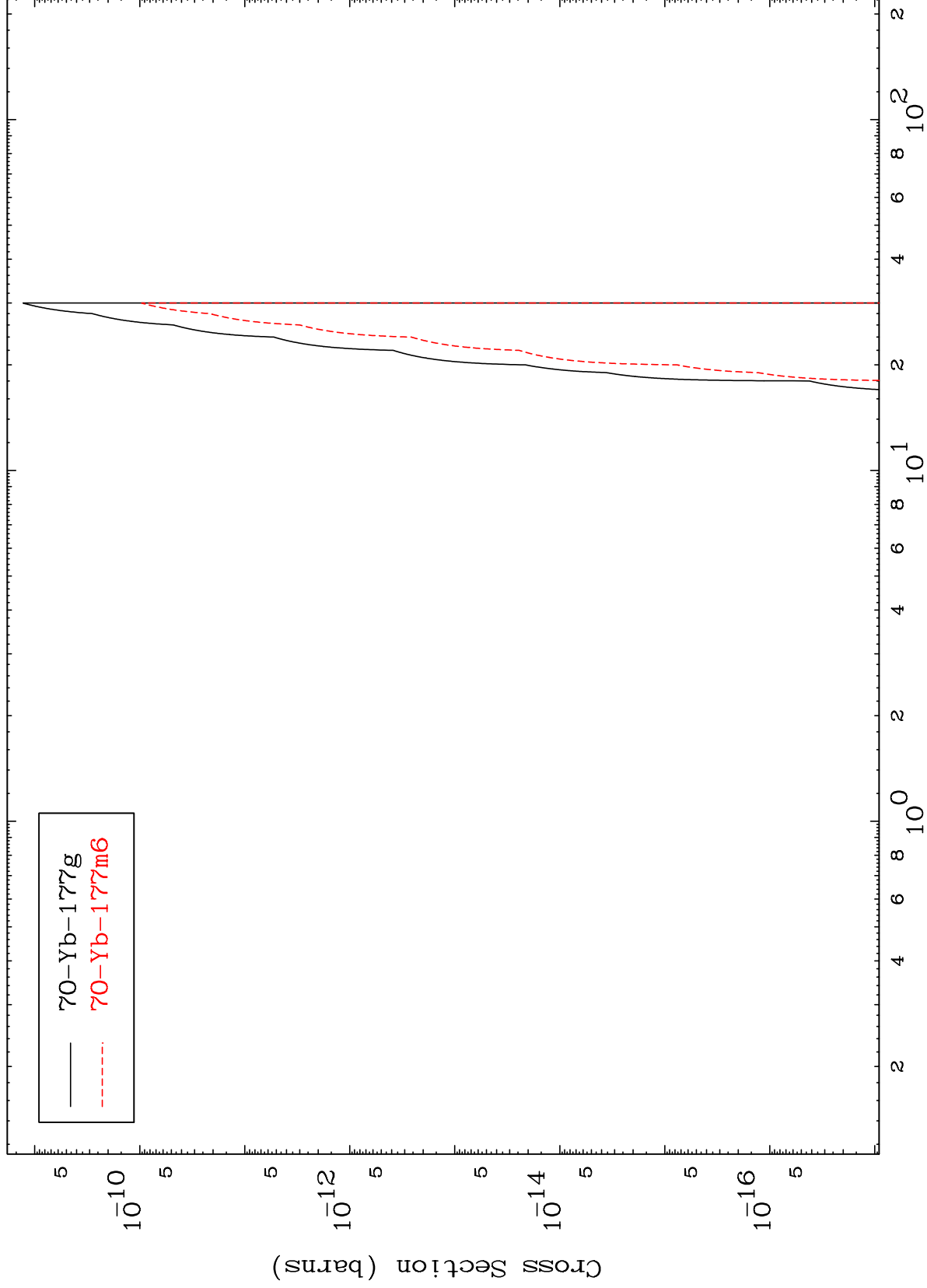
⁷³Ta-185

MAT 7340

(p,n') 2 α

73-Ta-185

Radionuclide Production Cross Section

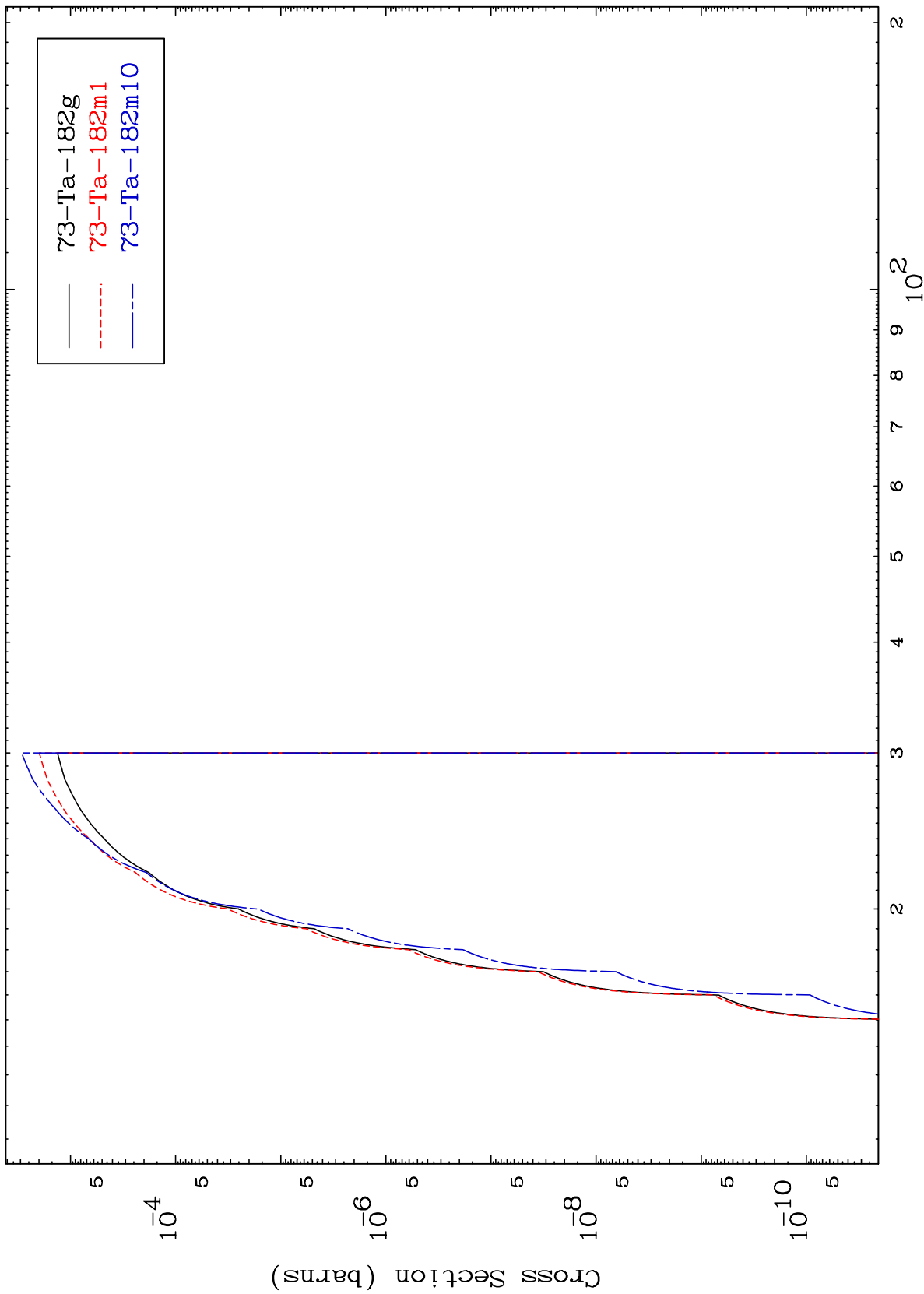


18

Incident Energy (MeV)

73-Ta-185

Radionuclide Production Cross Section

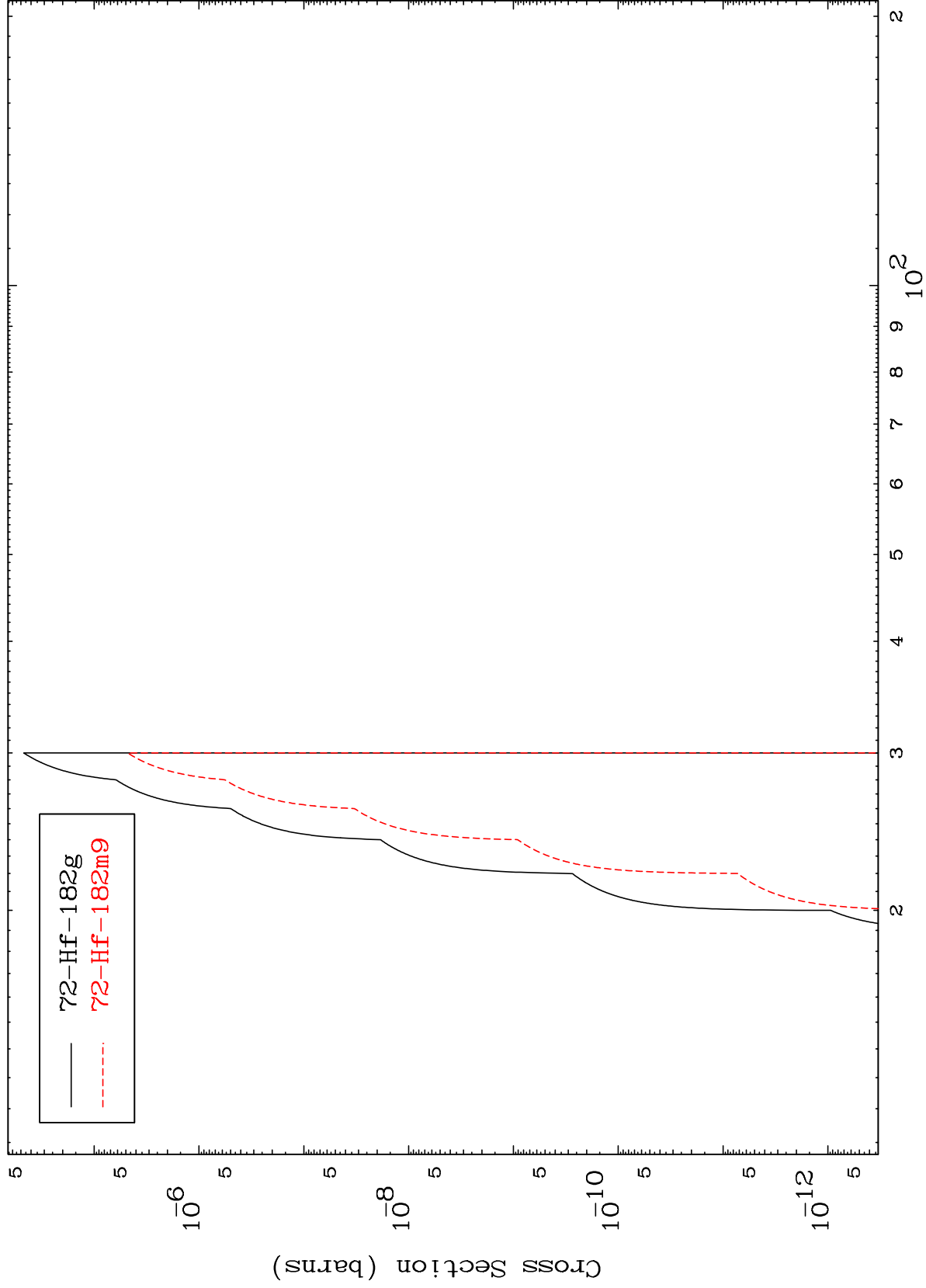


MAT 7340

(p,n') He-3

73-Ta-185

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-185

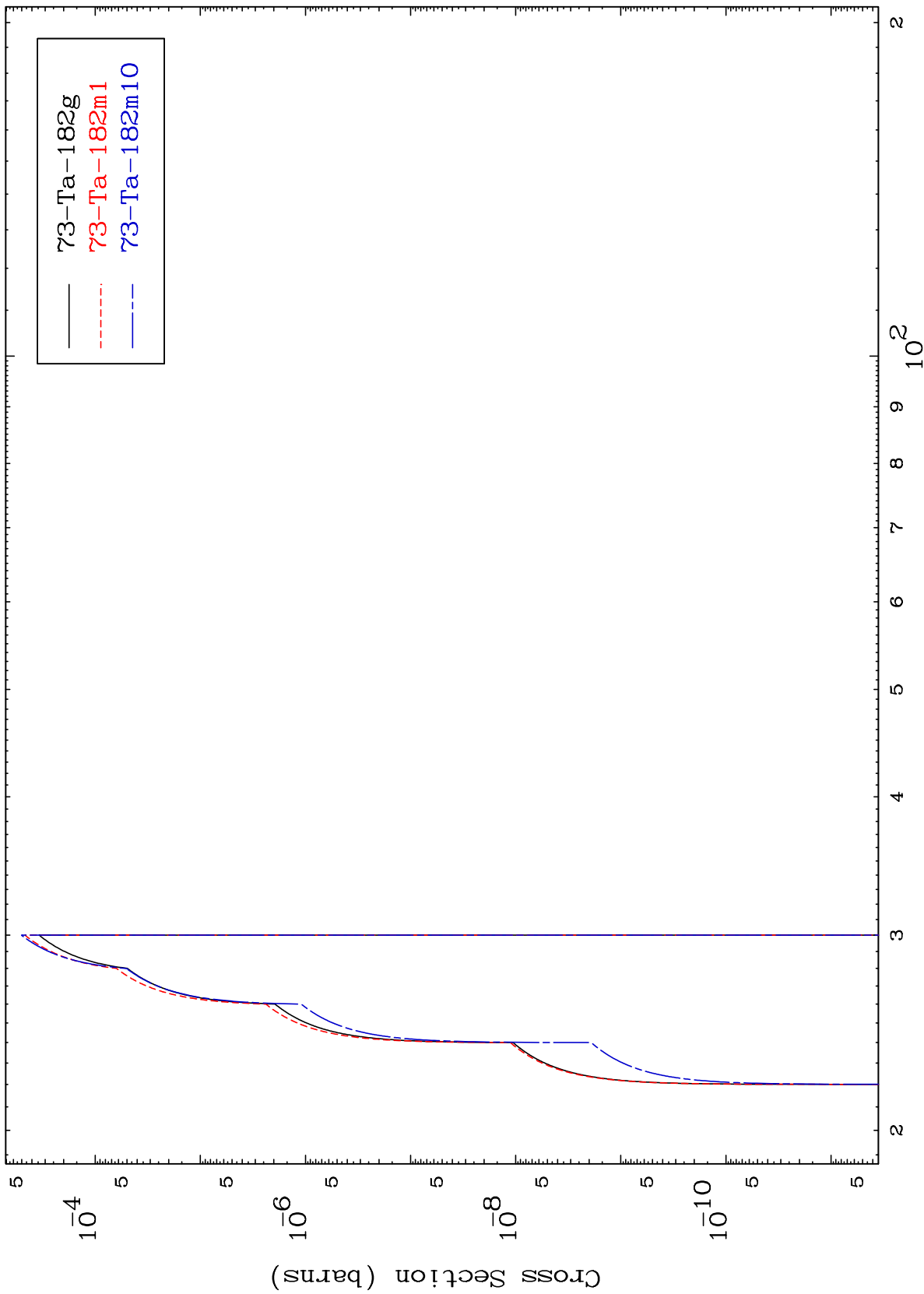
20

MAT 7340

(p,3n) p

⁷³Ta-185

Radionuclide Production Cross Section



21

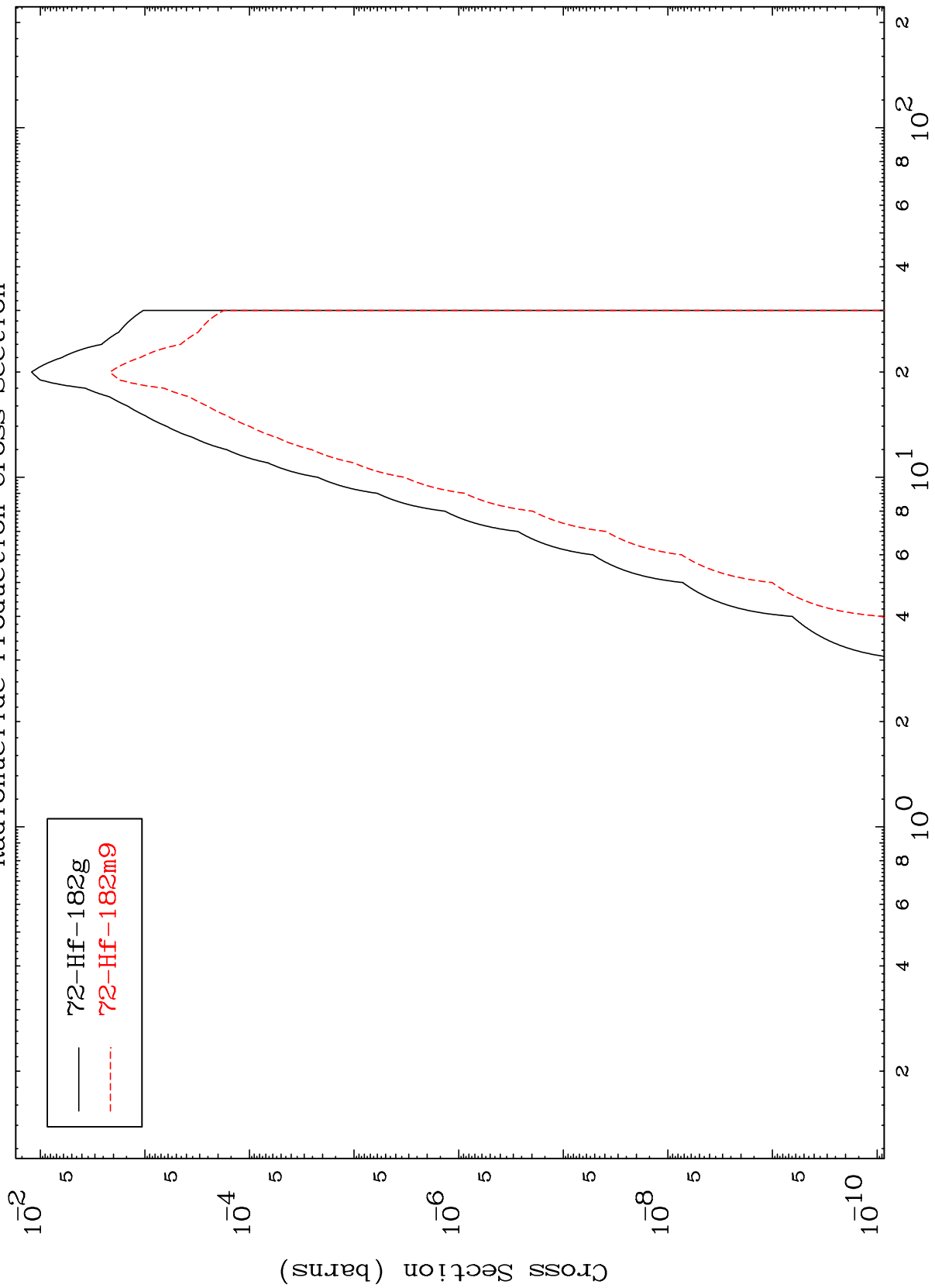
Incident Energy (MeV)

⁷³Ta-185

MAT 7340

73-Ta-185

Radionuclide Production Cross Section



Incident Energy (MeV)

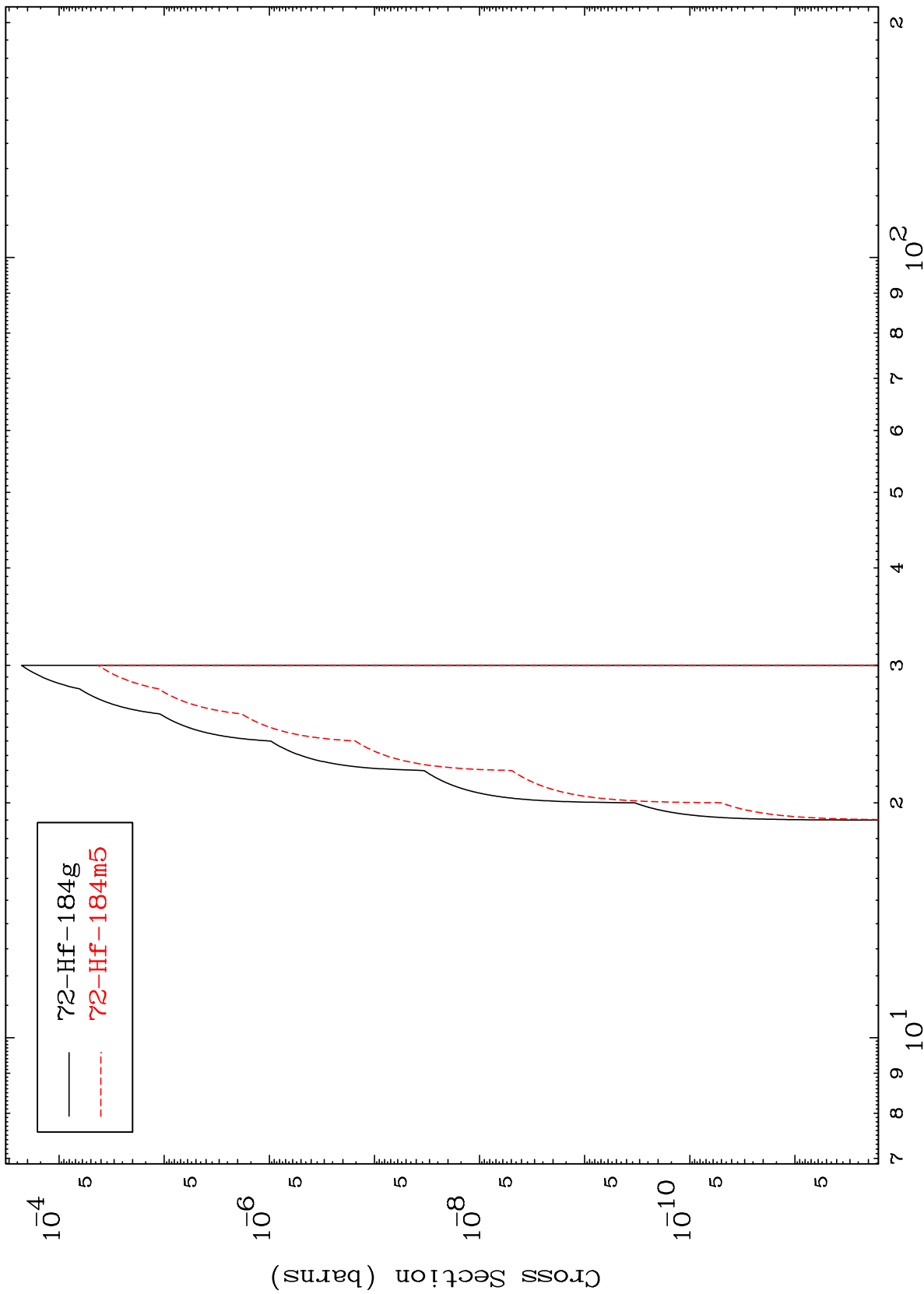
73-Ta-185

22

MAT 7340

73-Ta-185

(p,2p)
Radionuclide Production Cross Section



23

73-Ta-185

Incident Energy (MeV)