

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

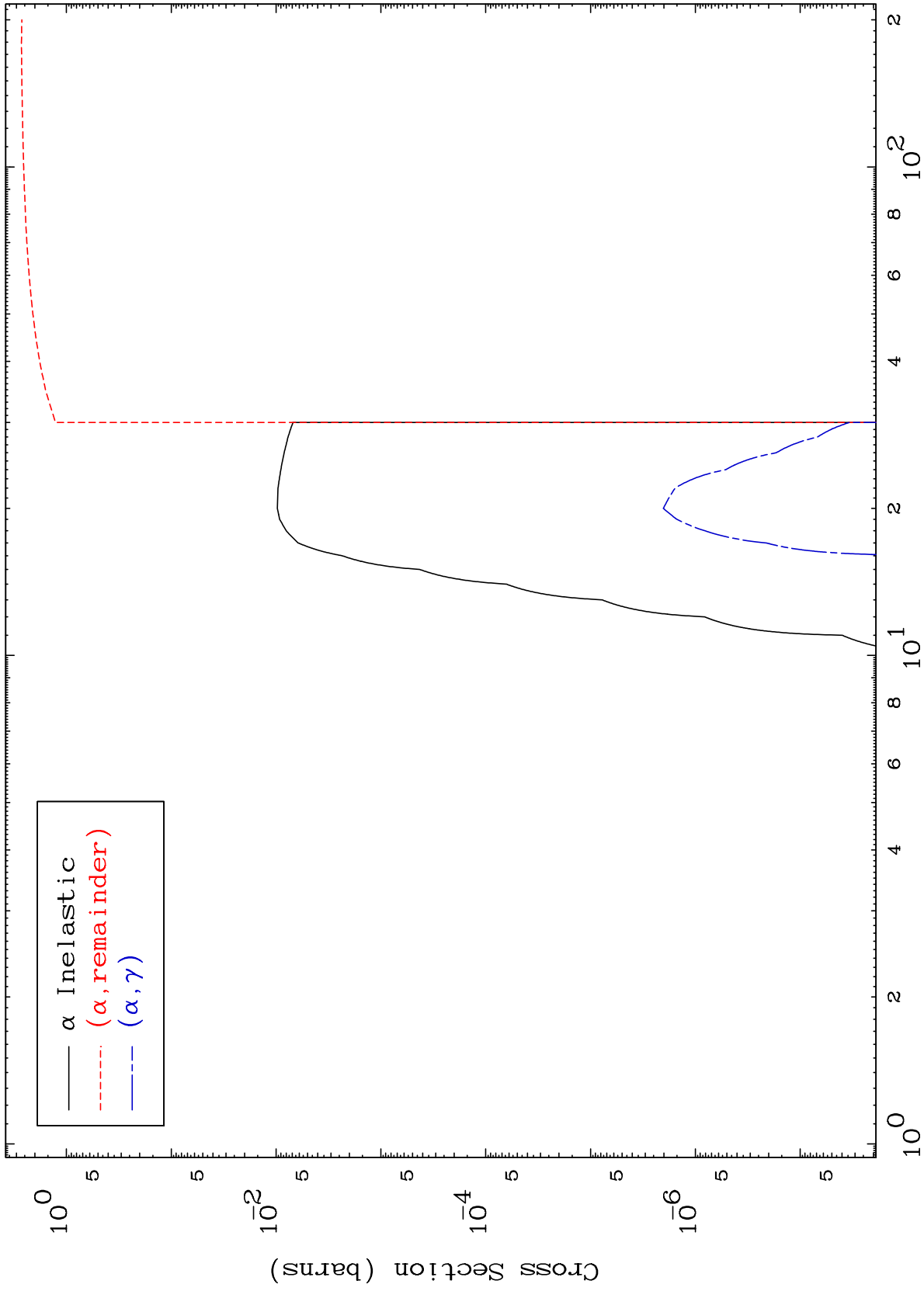
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7340

0 Kelvin α Major
Cross Sections

73-Ta-185



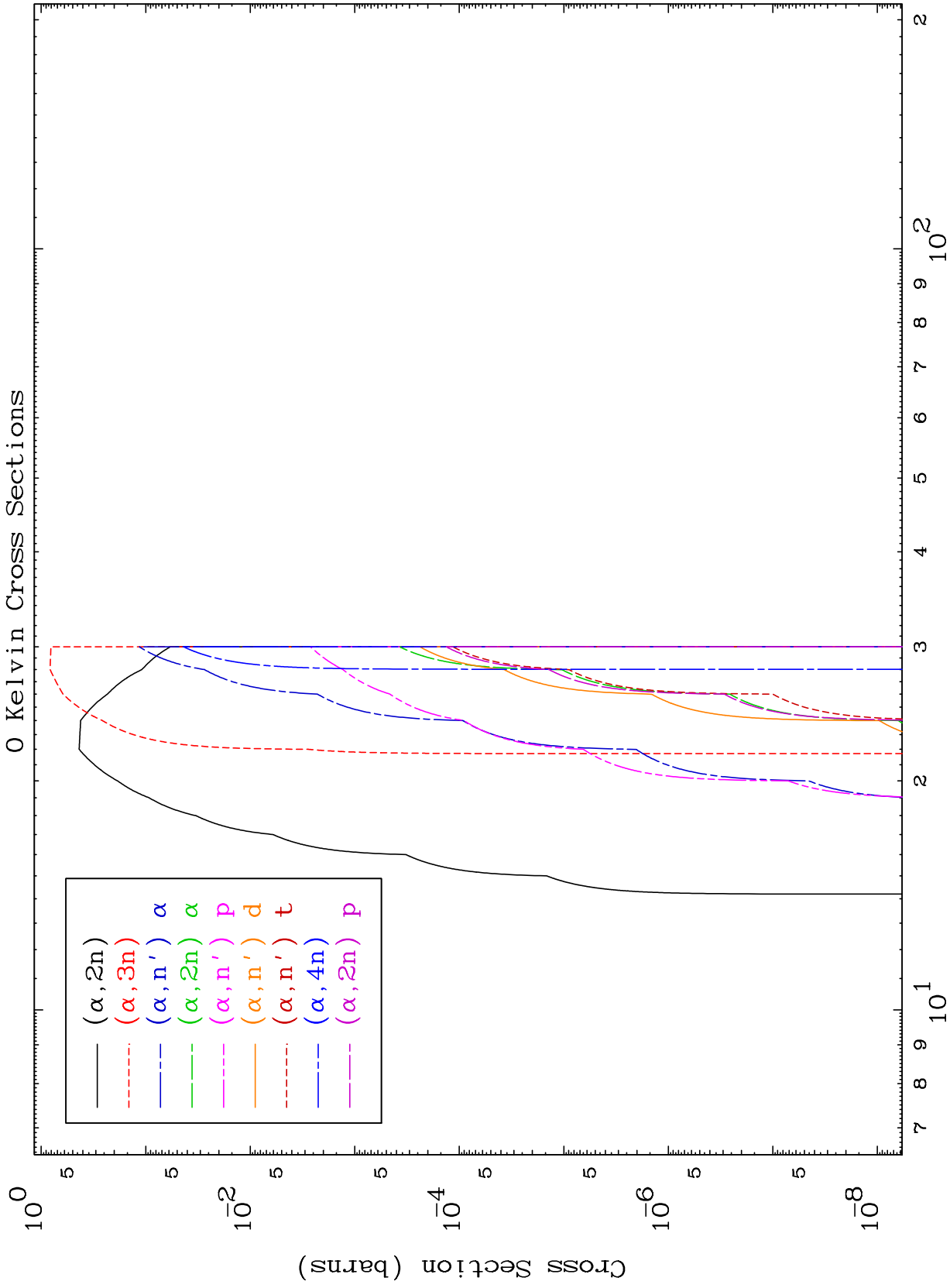
Incident Energy (MeV)

73-Ta-185

MAT 7340

α Neutron Production
0 Kelvin Cross Sections

73-Ta-185



2

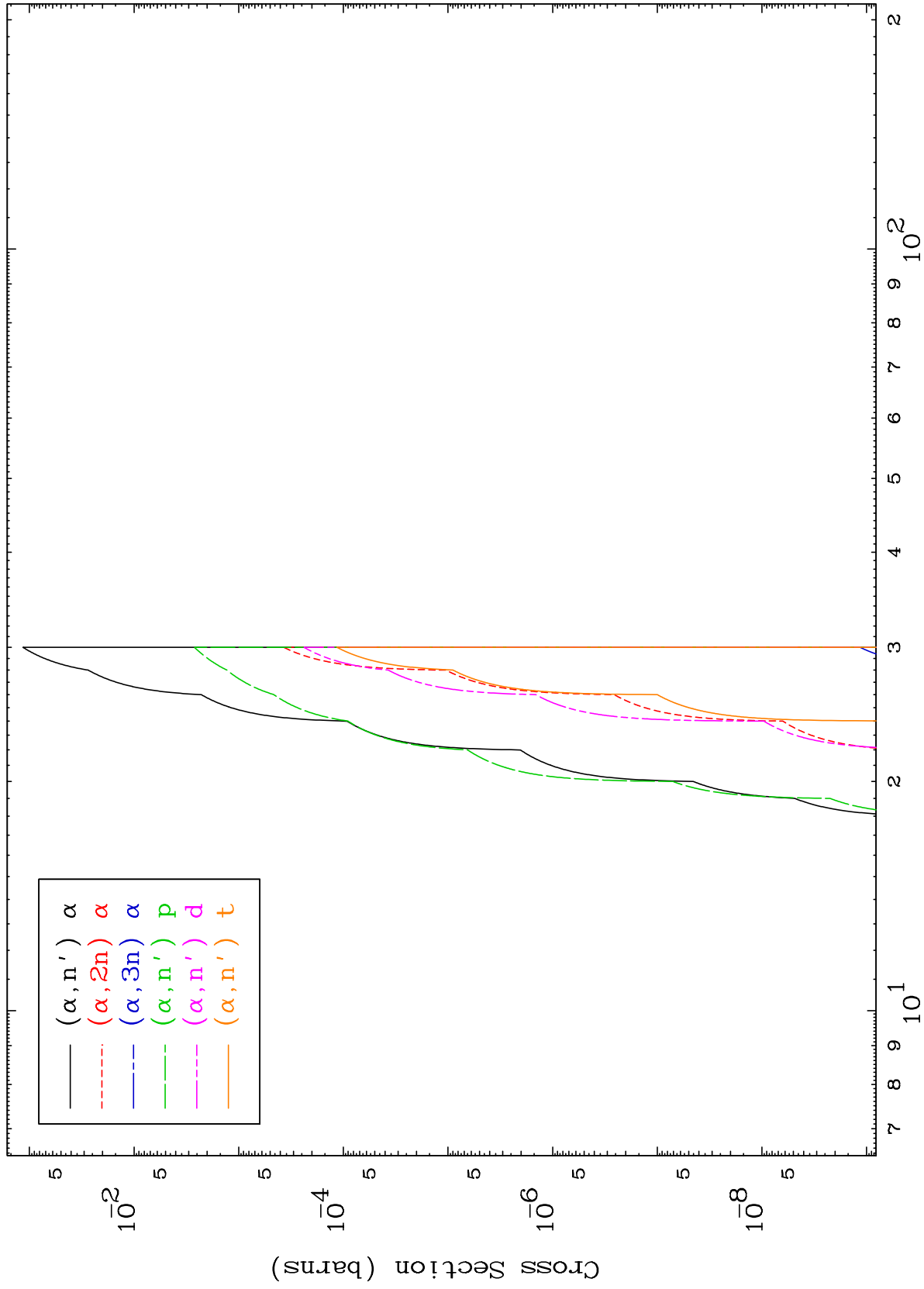
Incident Energy (MeV)

73-Ta-185

MAT 7340

α Charged Particle
0 Kelvin Cross Sections

73-Ta-185



3

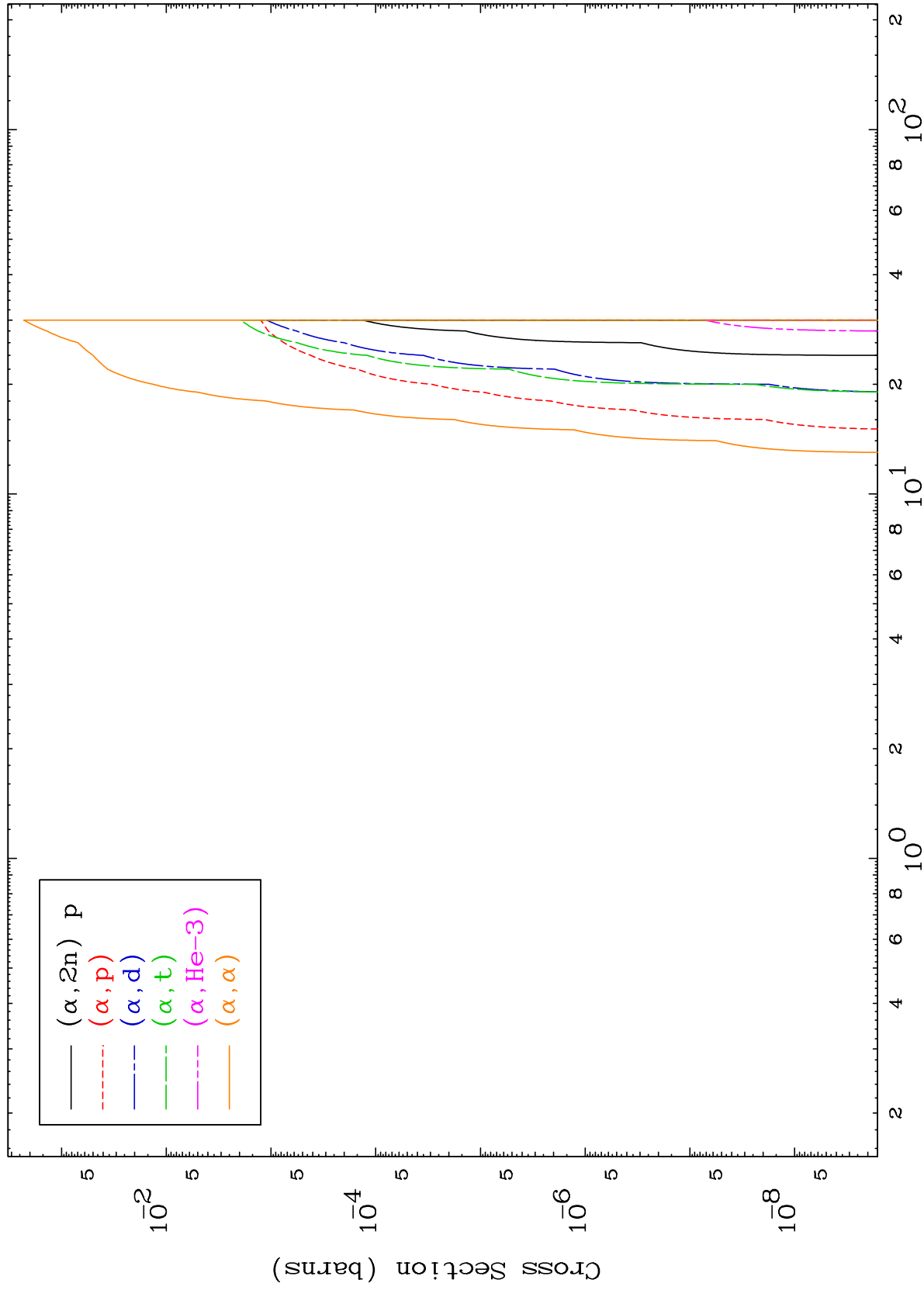
Incident Energy (MeV)

73-Ta-185

MAT 7340

α Charged Particle
0 Kelvin Cross Sections

73-Ta-185



4

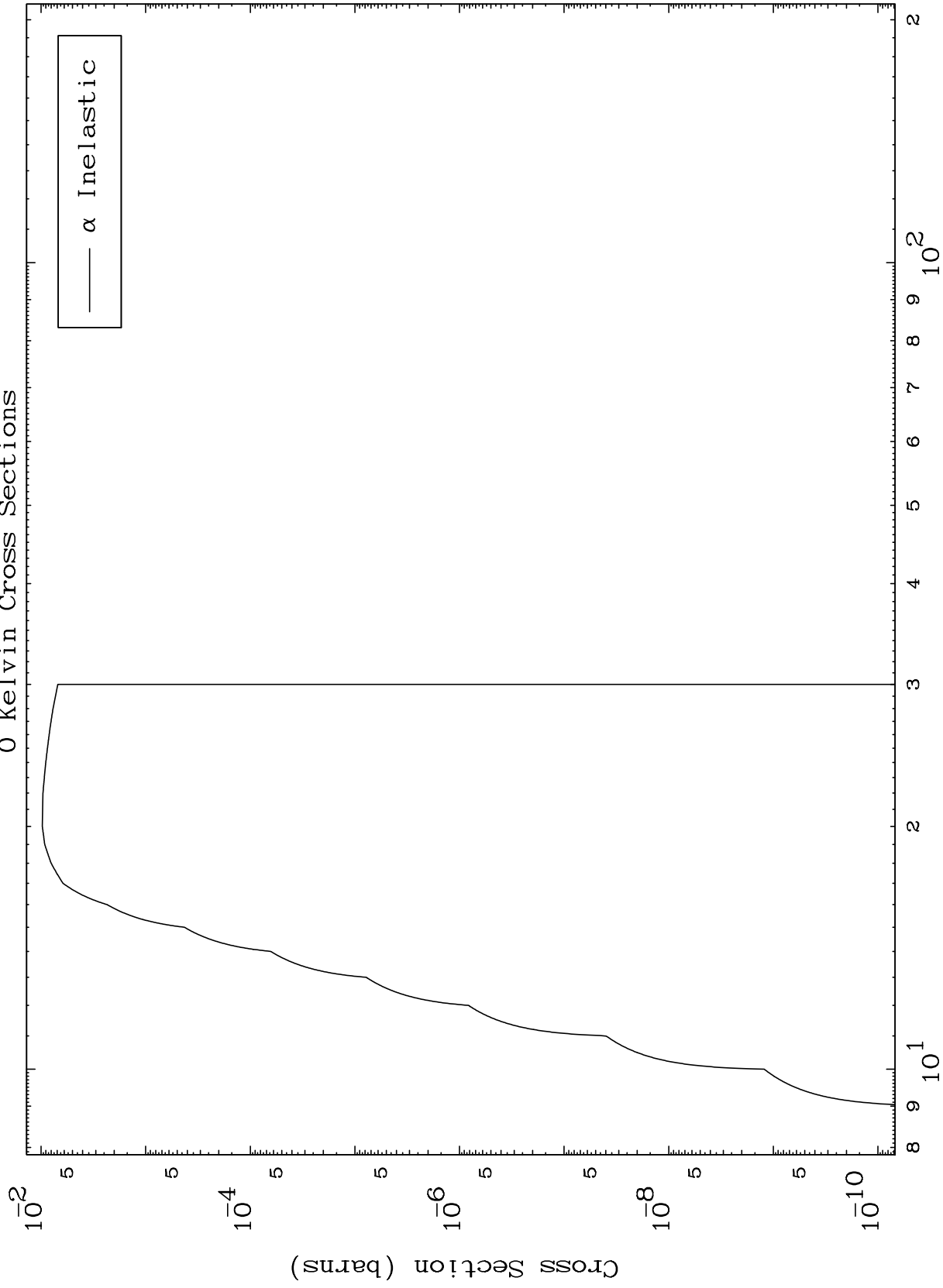
Incident Energy (MeV)

73-Ta-185

MAT 7340

(α, n') Level
0 Kelvin Cross Sections

73-Ta-185



5

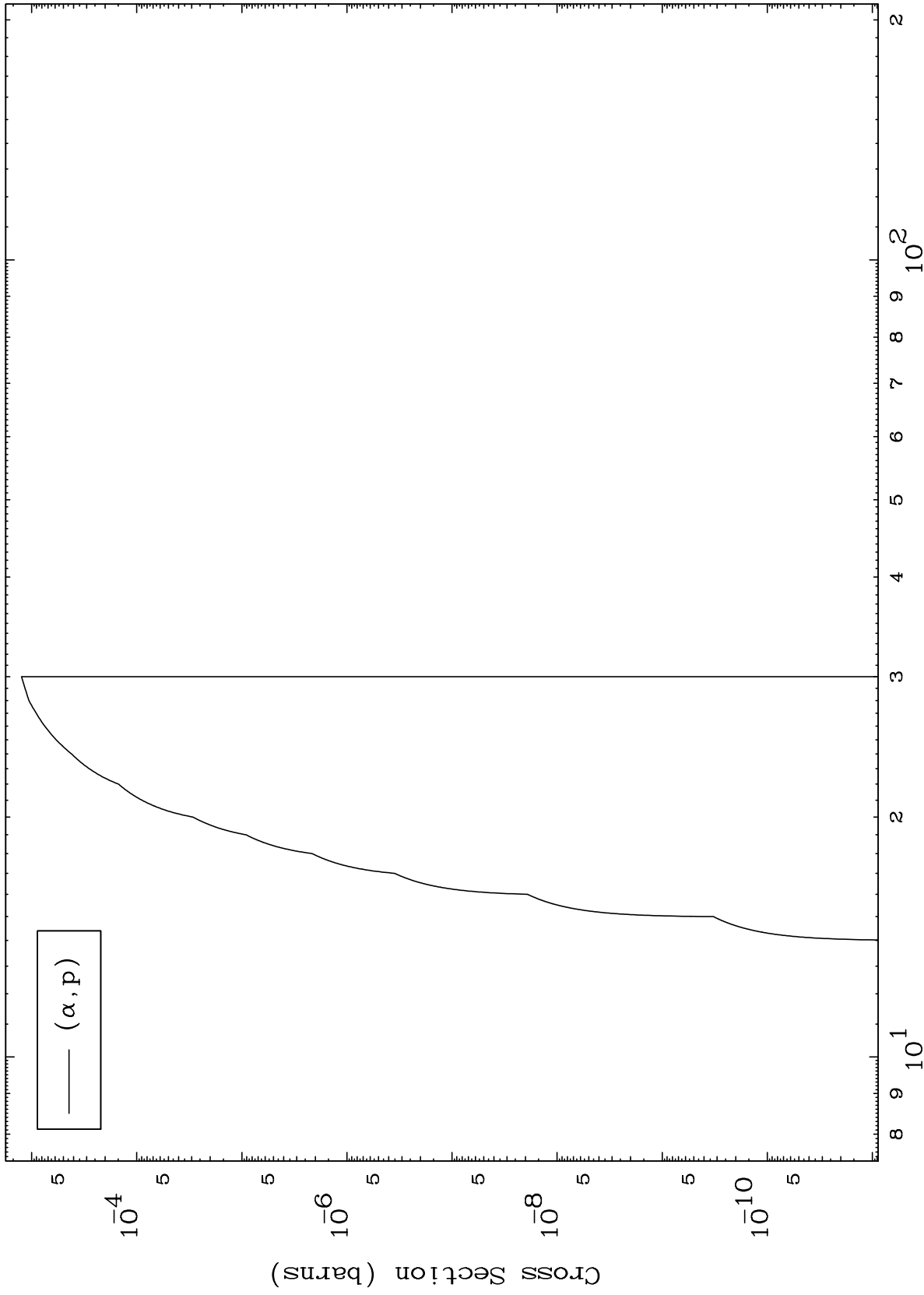
Incident Energy (MeV)

73-Ta-185

MAT 7340

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-185



6

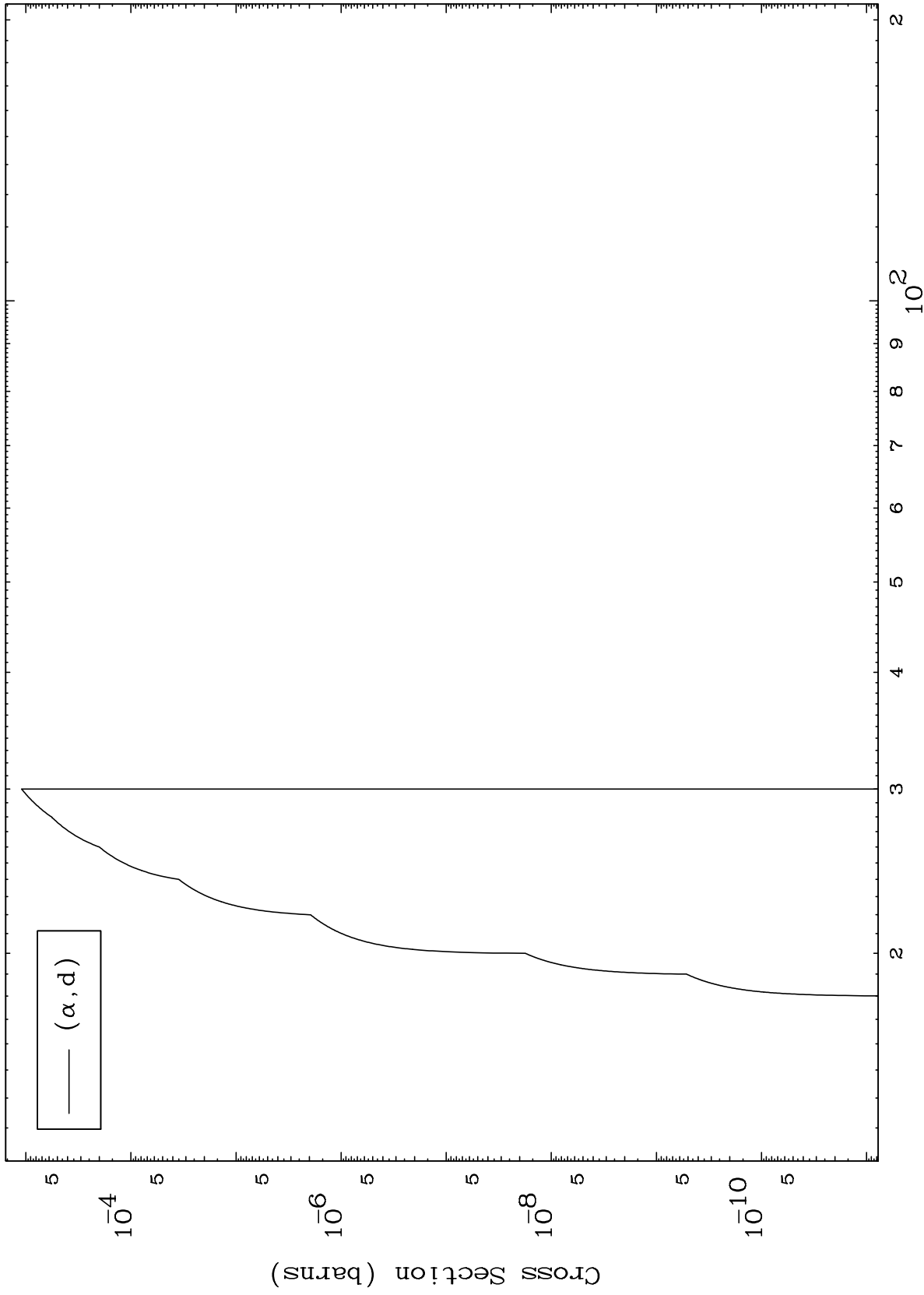
Incident Energy (MeV)

73-Ta-185

MAT 7340

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-185



7

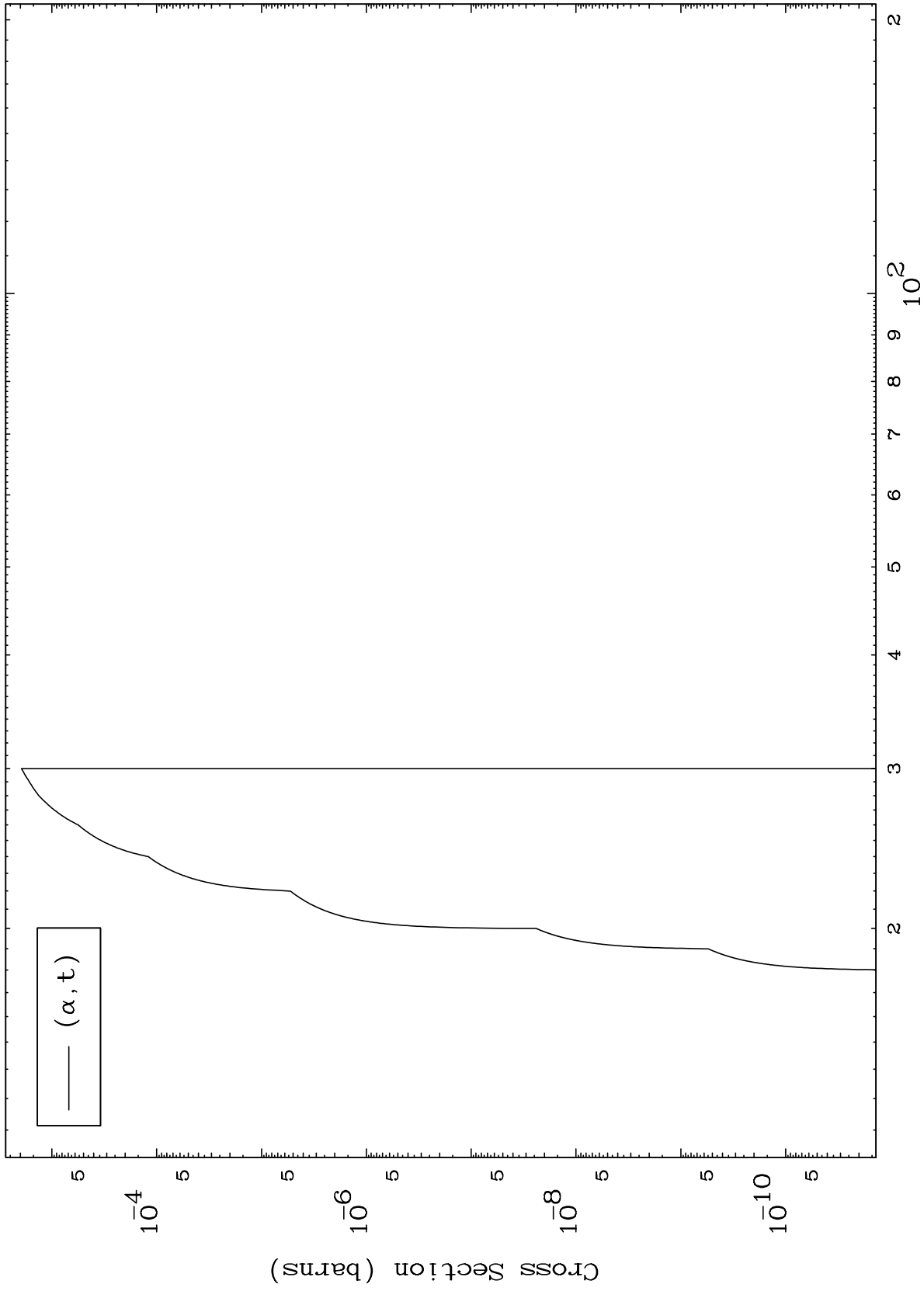
Incident Energy (MeV)

73-Ta-185

MAT 7340

(α, t) Levels
0 Kelvin Cross Sections

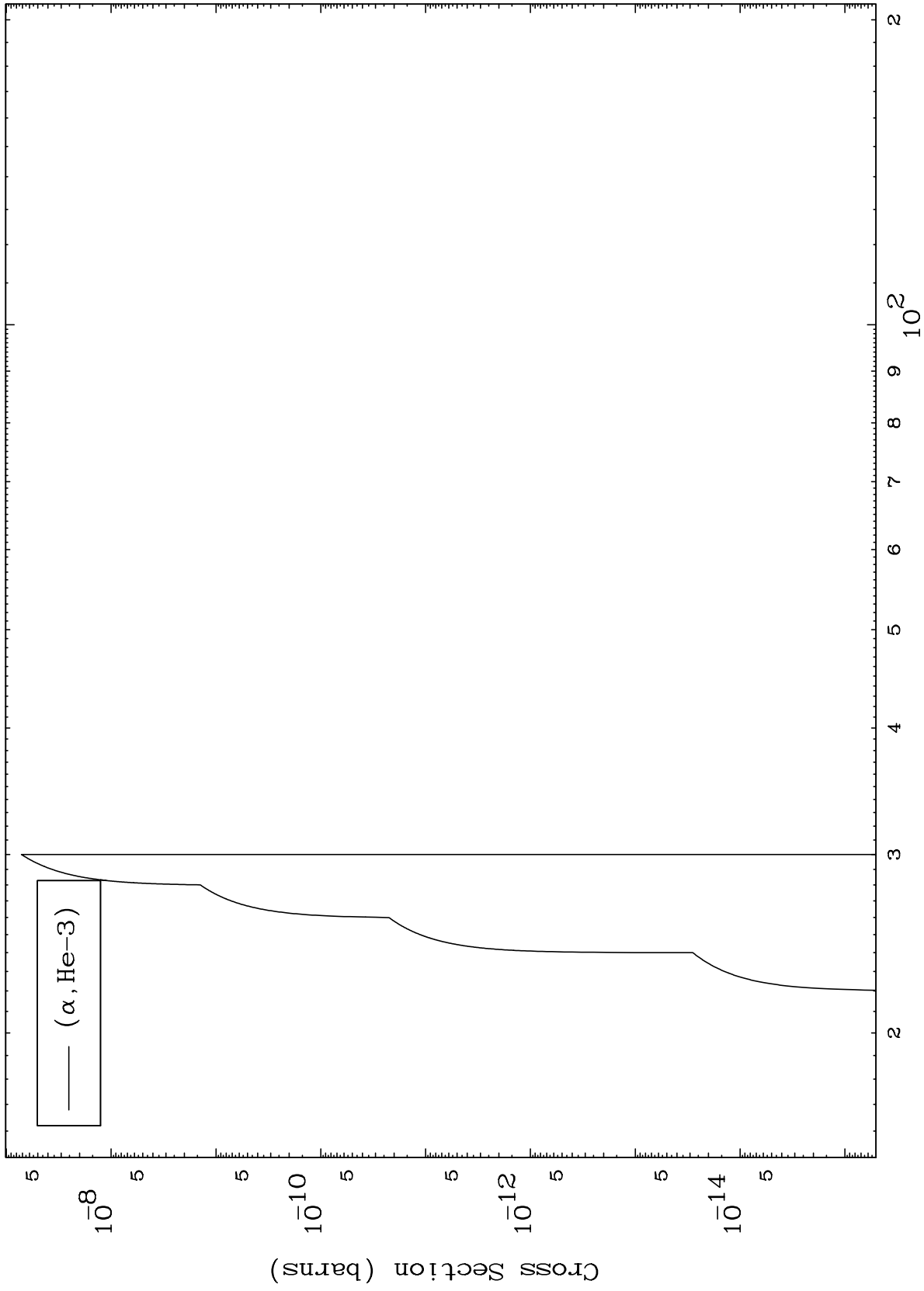
73-Ta-185



8

Incident Energy (MeV)

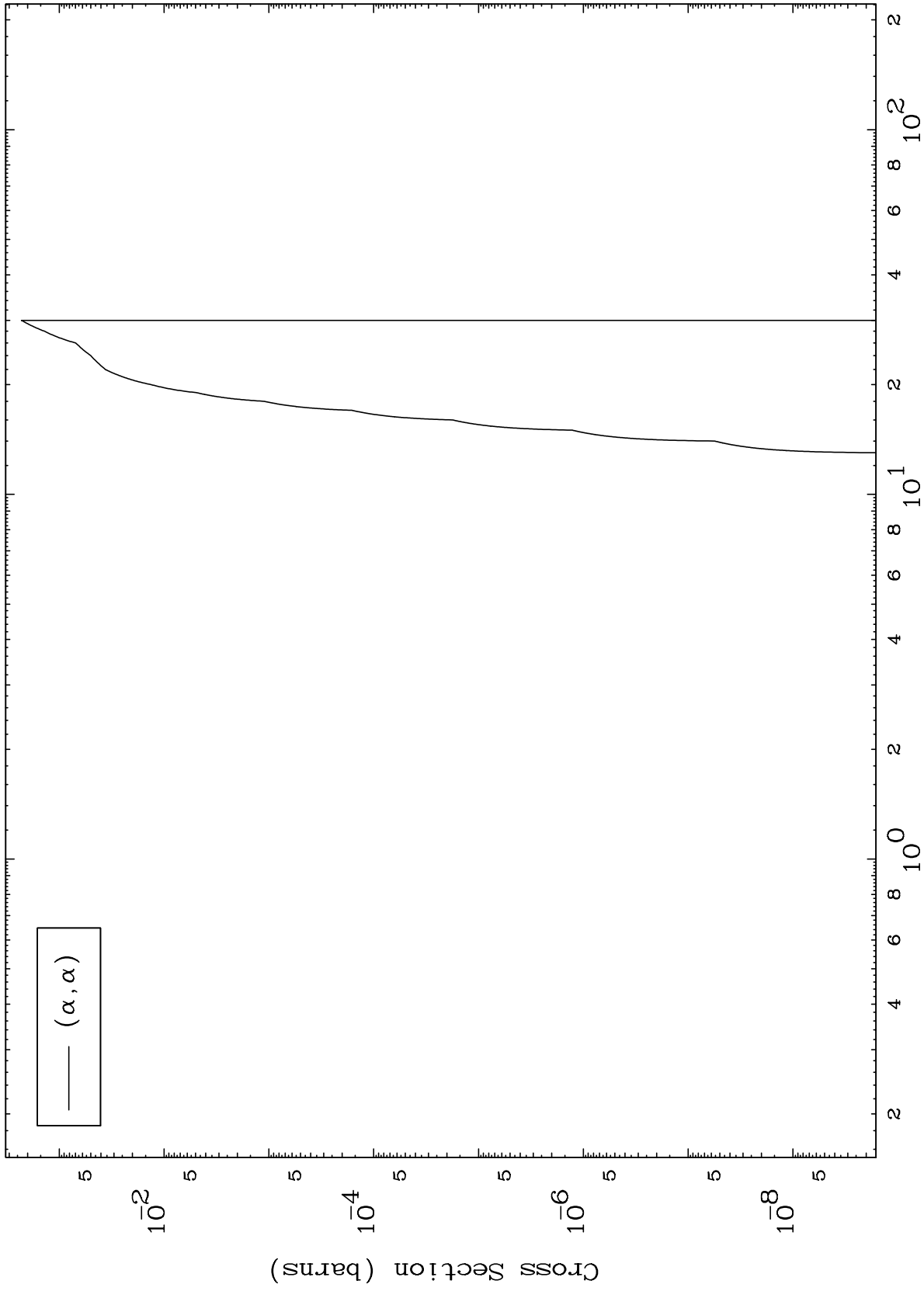
73-Ta-185



MAT 7340

(α, α) Levels
0 Kelvin Cross Sections

73-Ta-185



10

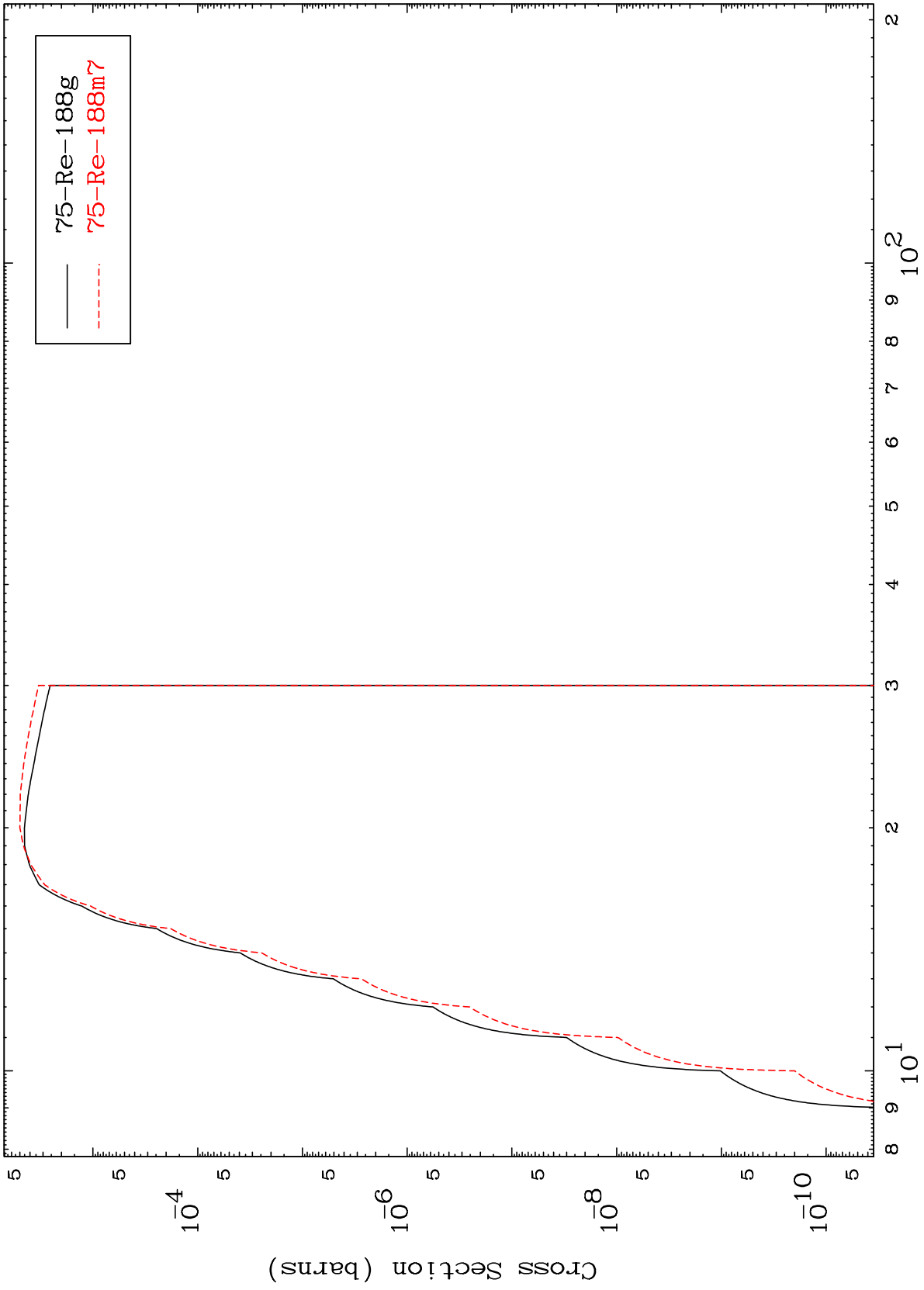
Incident Energy (MeV)

73-Ta-185

MAT 7340

73-Ta-185

α Inelastic
Radionuclide Production Cross Section



11

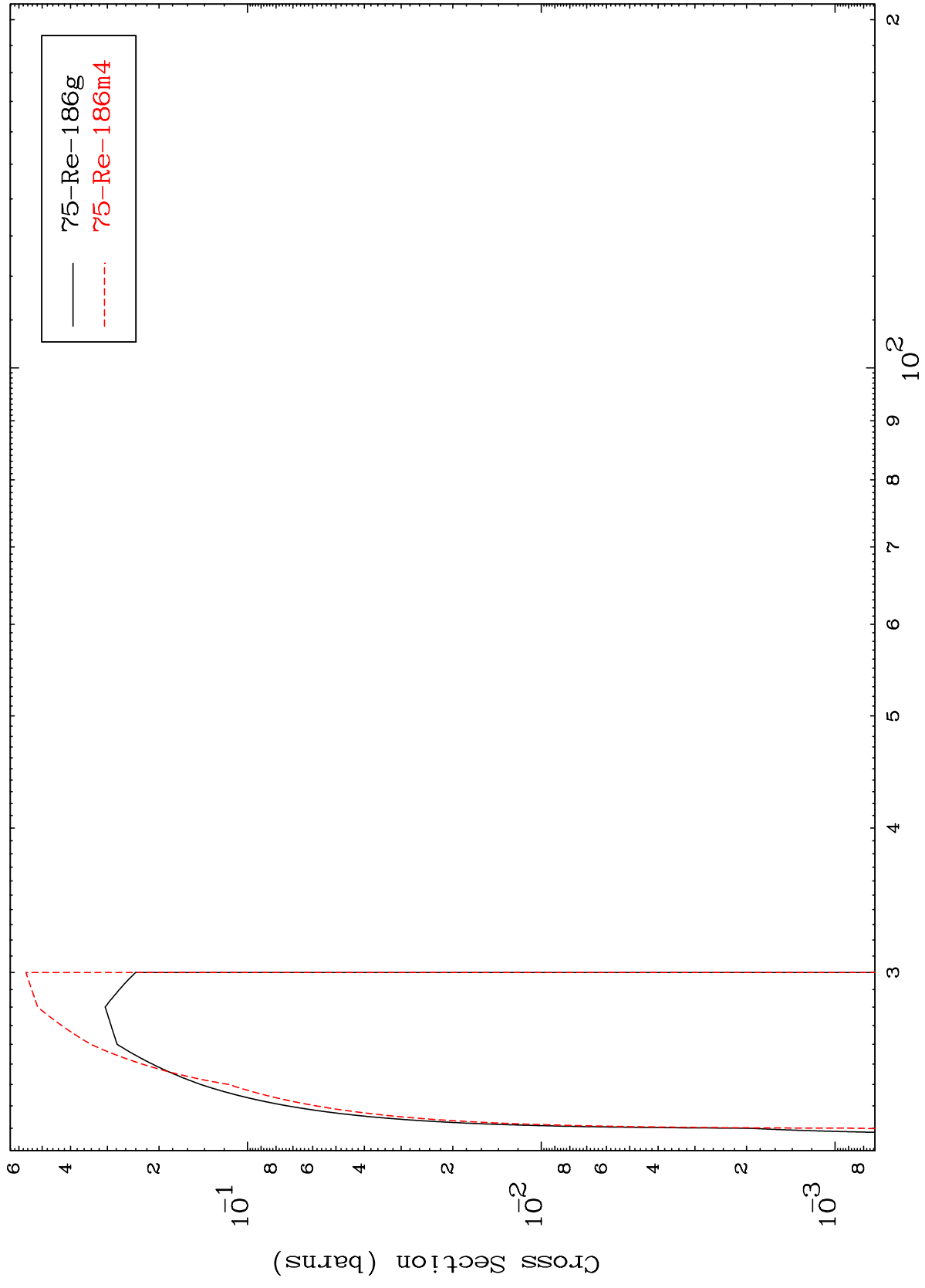
73-Ta-185

MAT 7340

($\alpha, 3n$)

⁷³Ta-¹⁸⁵

Radionuclide Production Cross Section



— ⁷⁵Re-¹⁸⁶g
- - - ⁷⁵Re-¹⁸⁶m4

12

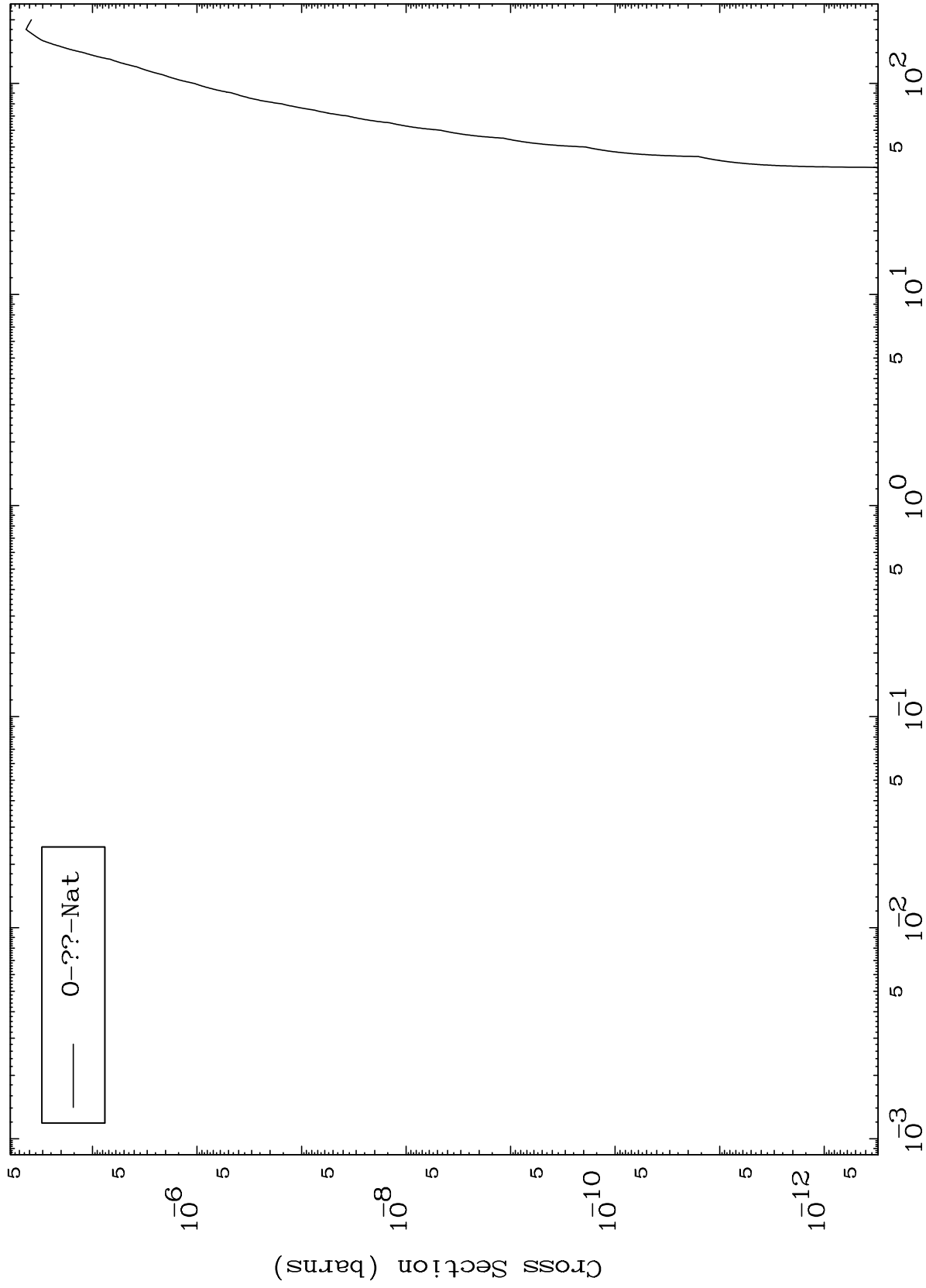
Incident Energy (MeV)

⁷³Ta-¹⁸⁵

MAT 7340

α Fission
Radionuclide Production Cross Section

⁷³Ta-185



13

Incident Energy (MeV)

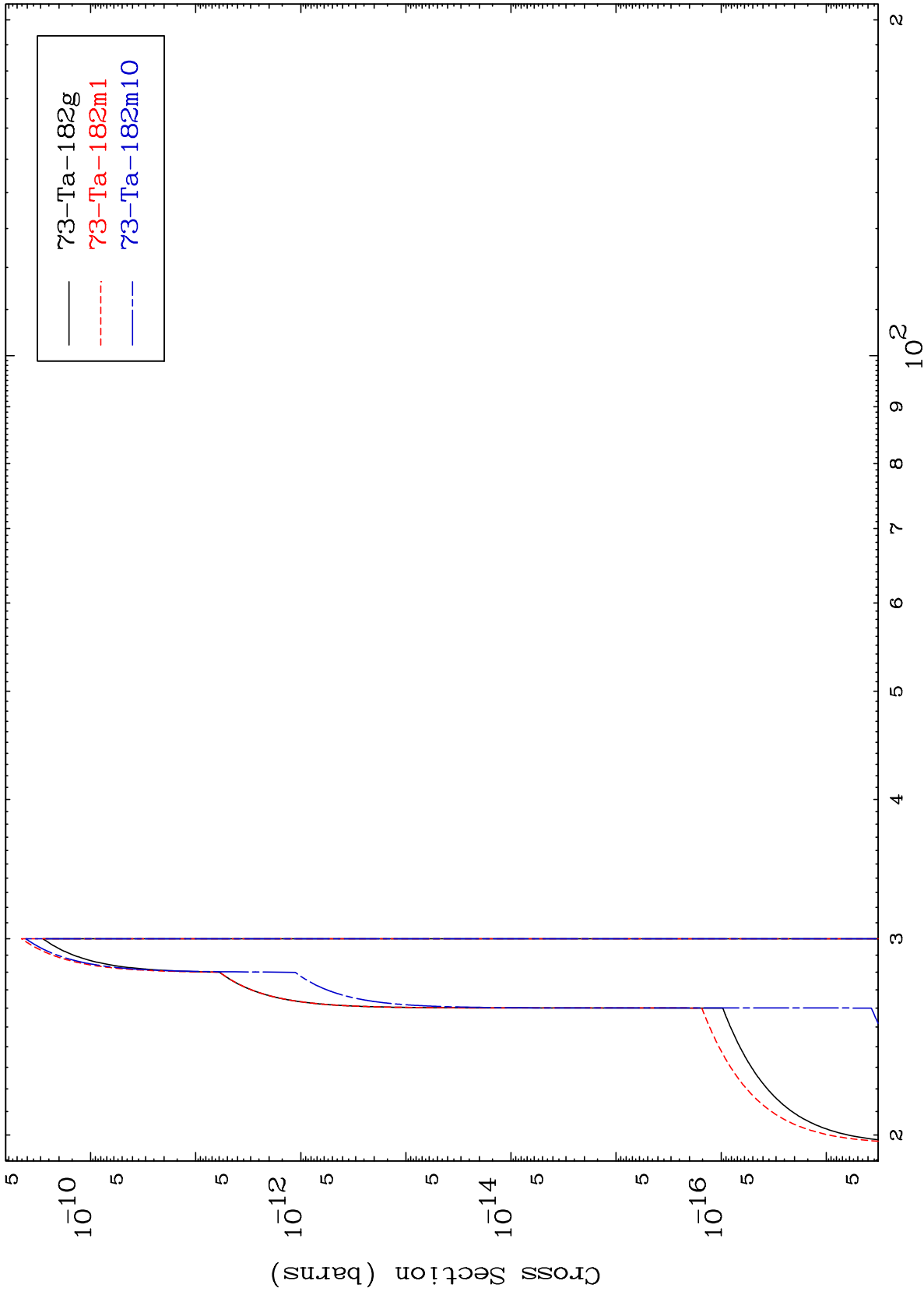
⁷³Ta-185

MAT 7340

$(\alpha, 3n) \alpha$

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

Radionuclide Production Cross Section



14

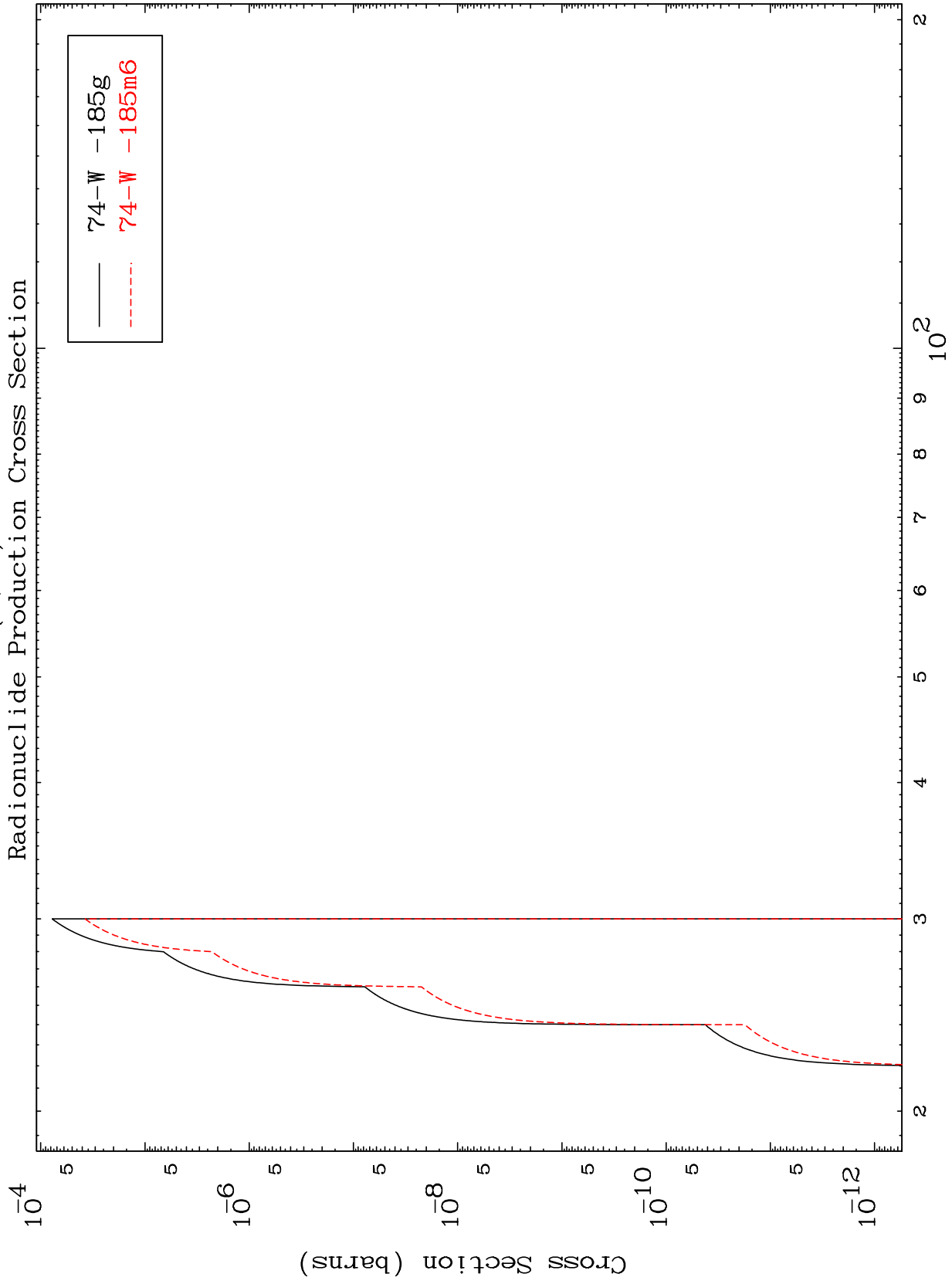
Incident Energy (MeV)

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

MAT 7340

(α, n') t

⁷³Ta-185



15

Incident Energy (MeV)

⁷³Ta-185