

Program EVALPLOT
(Version 2018-1)

by

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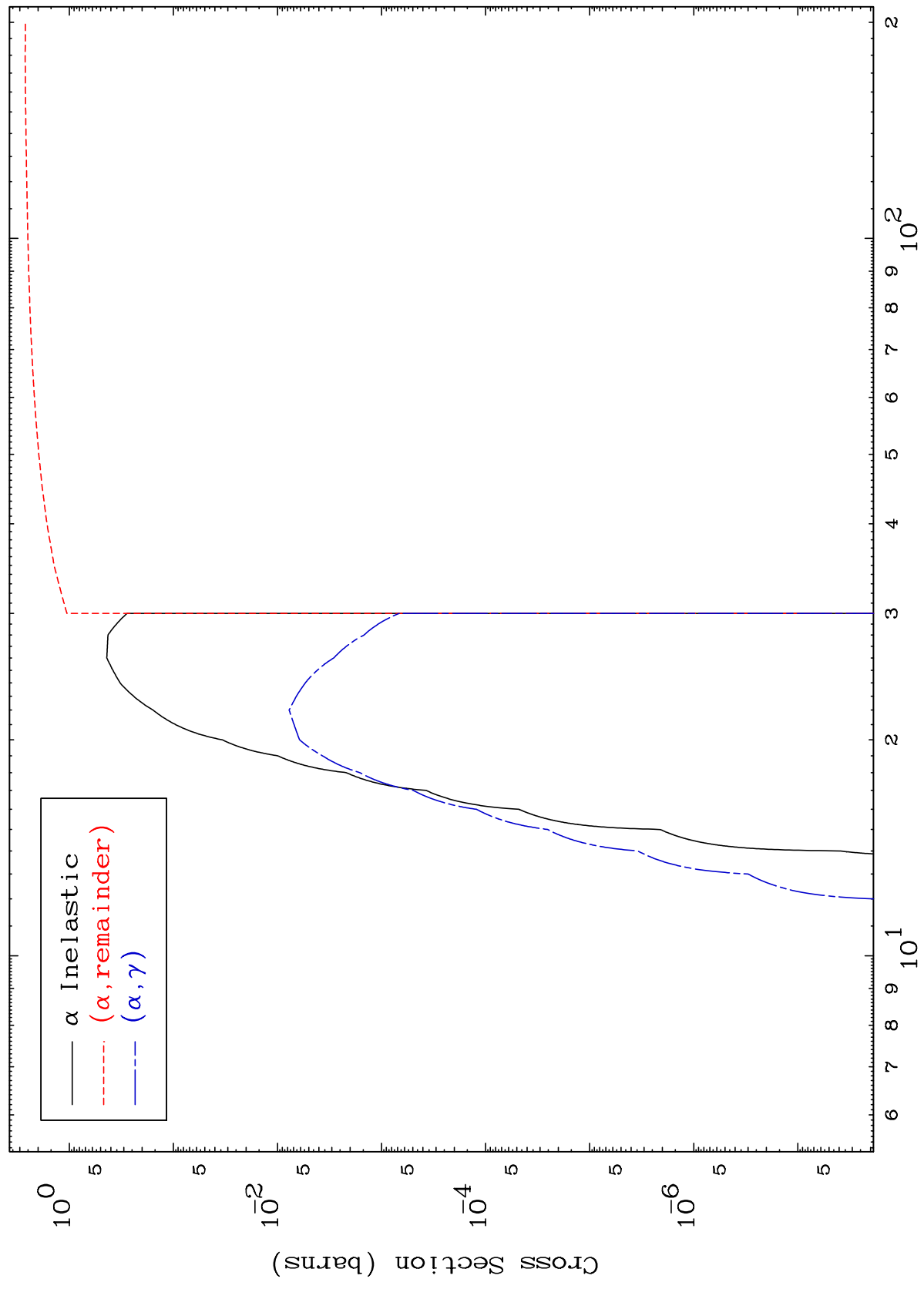
Press Mouse Button to Start

MAT 7887

0 Kelvin

α Major Cross Sections

79-Au-184

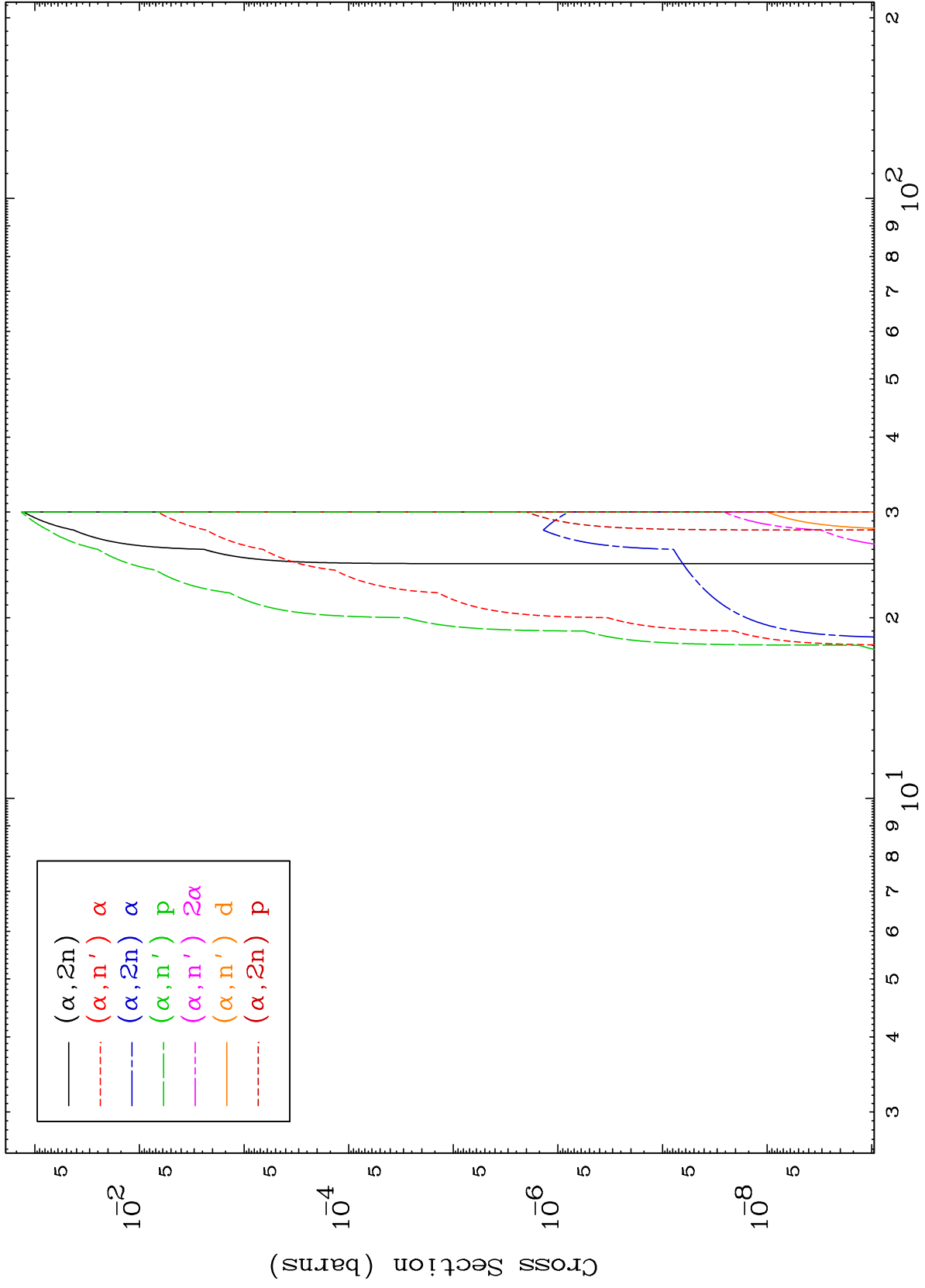


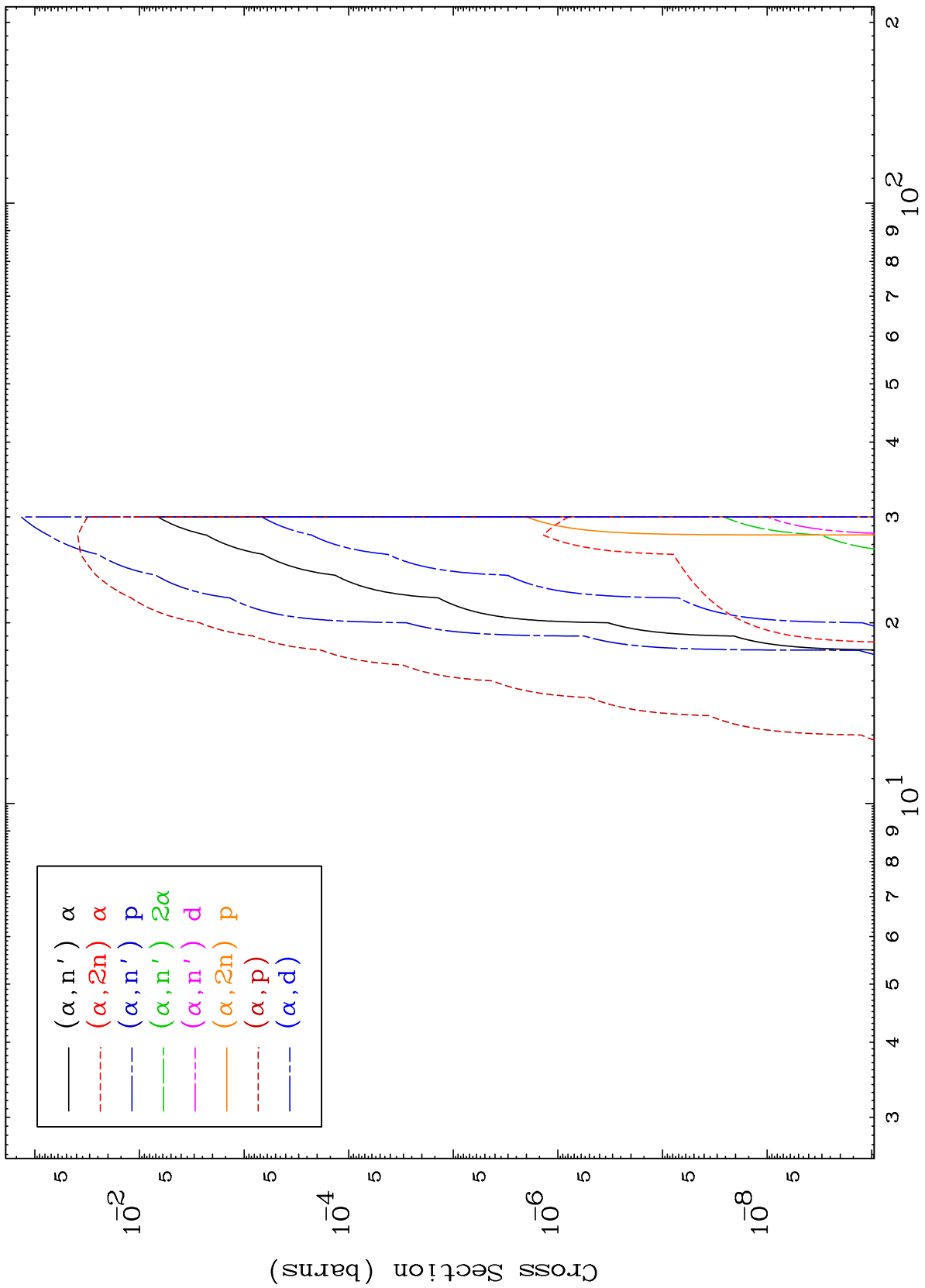
α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

1

Incident Energy (MeV)

79-Au-184



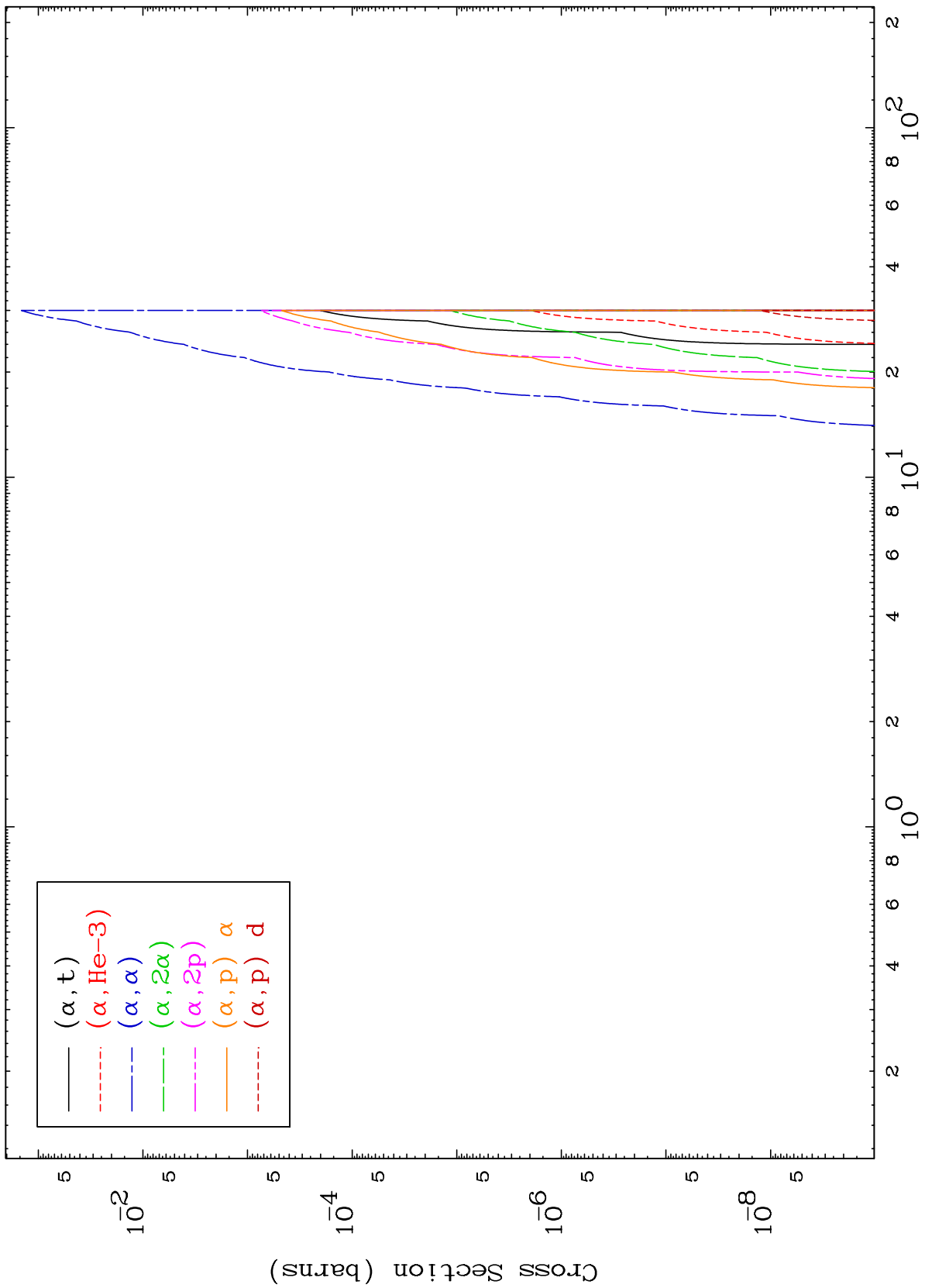


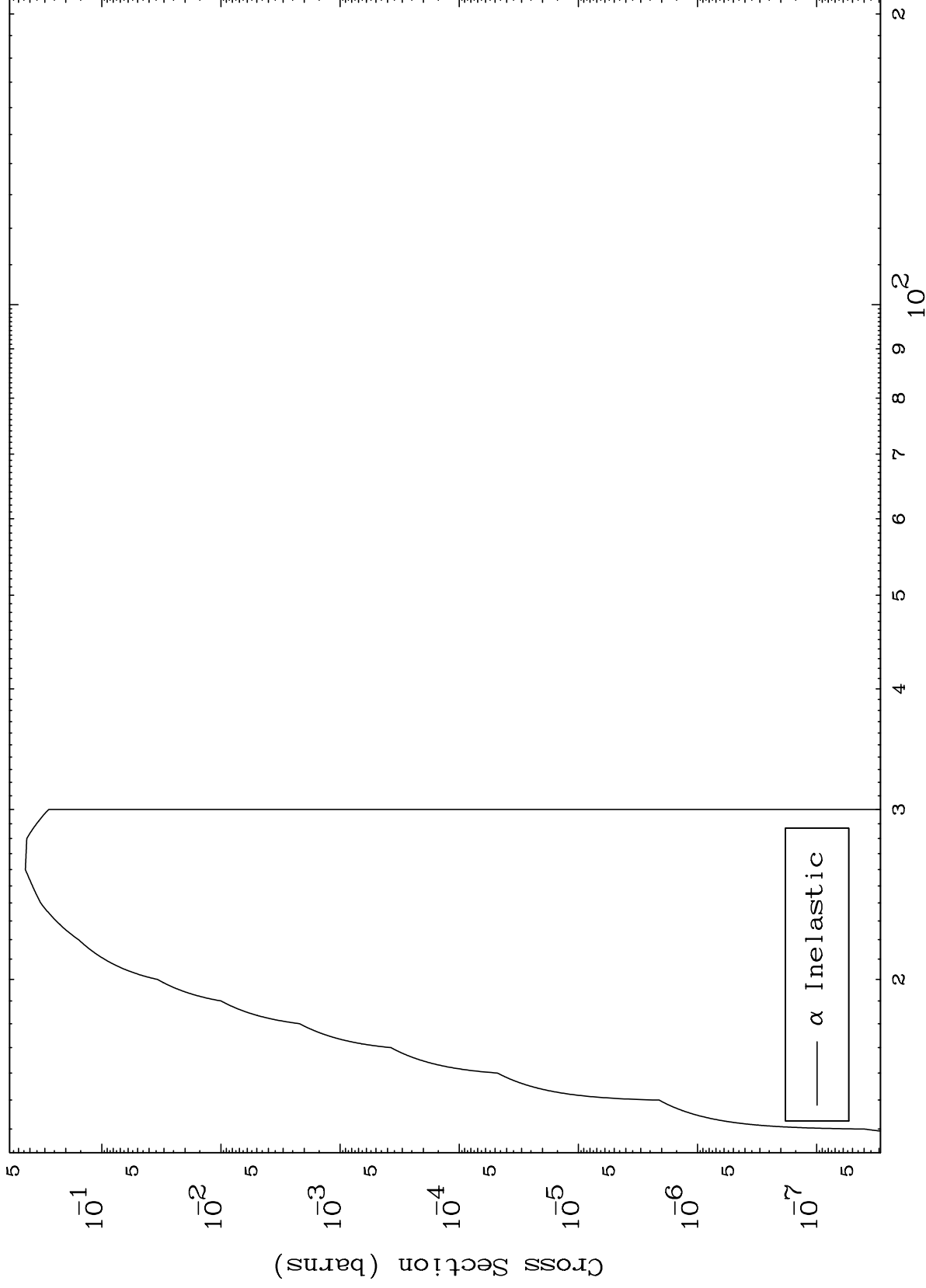
MAT 7887

α Charged Particle

79-Au-184

0 Kelvin Cross Sections

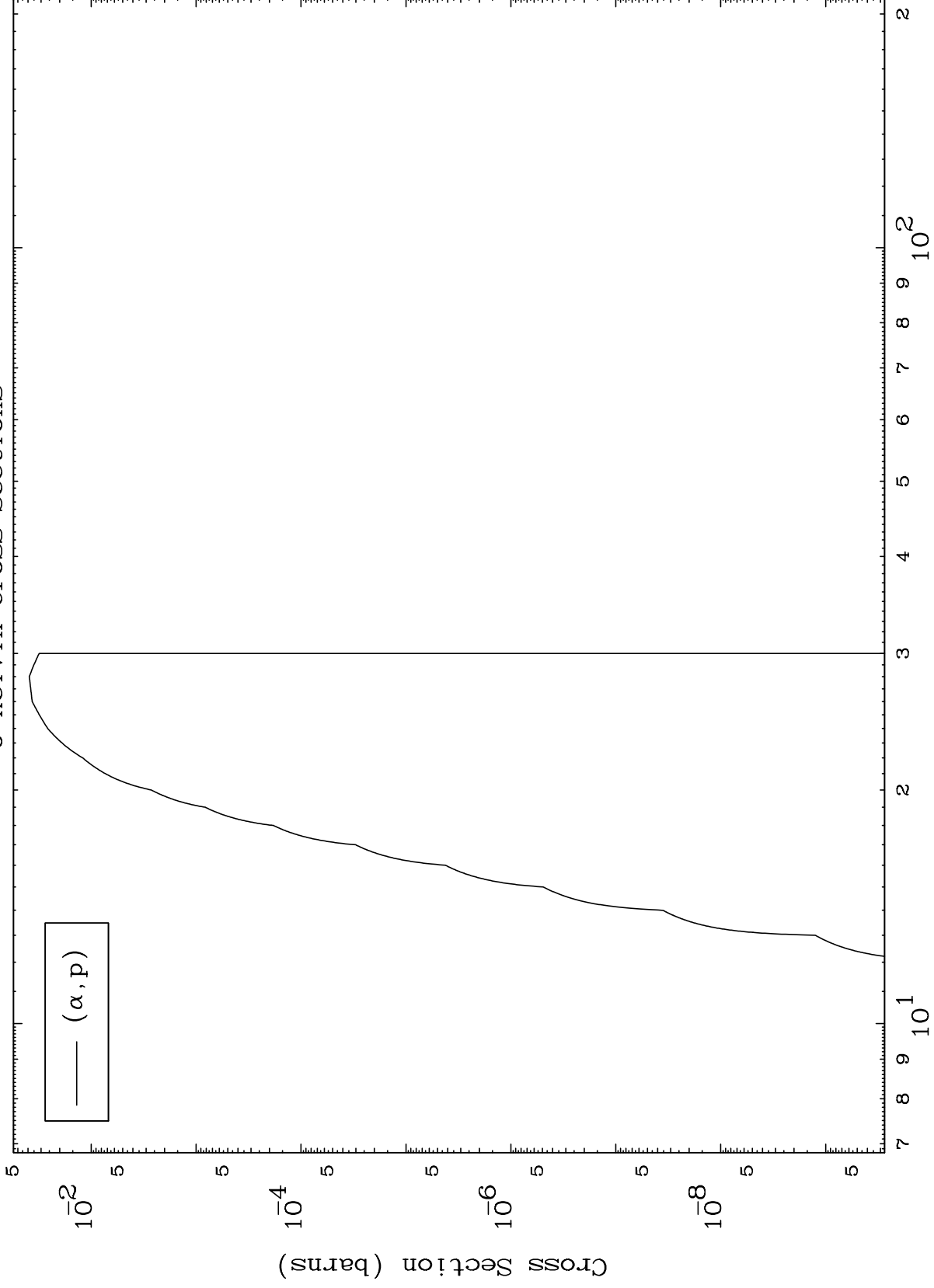




MAT 7887

(α, p) Levels
0 Kelvin Cross Sections

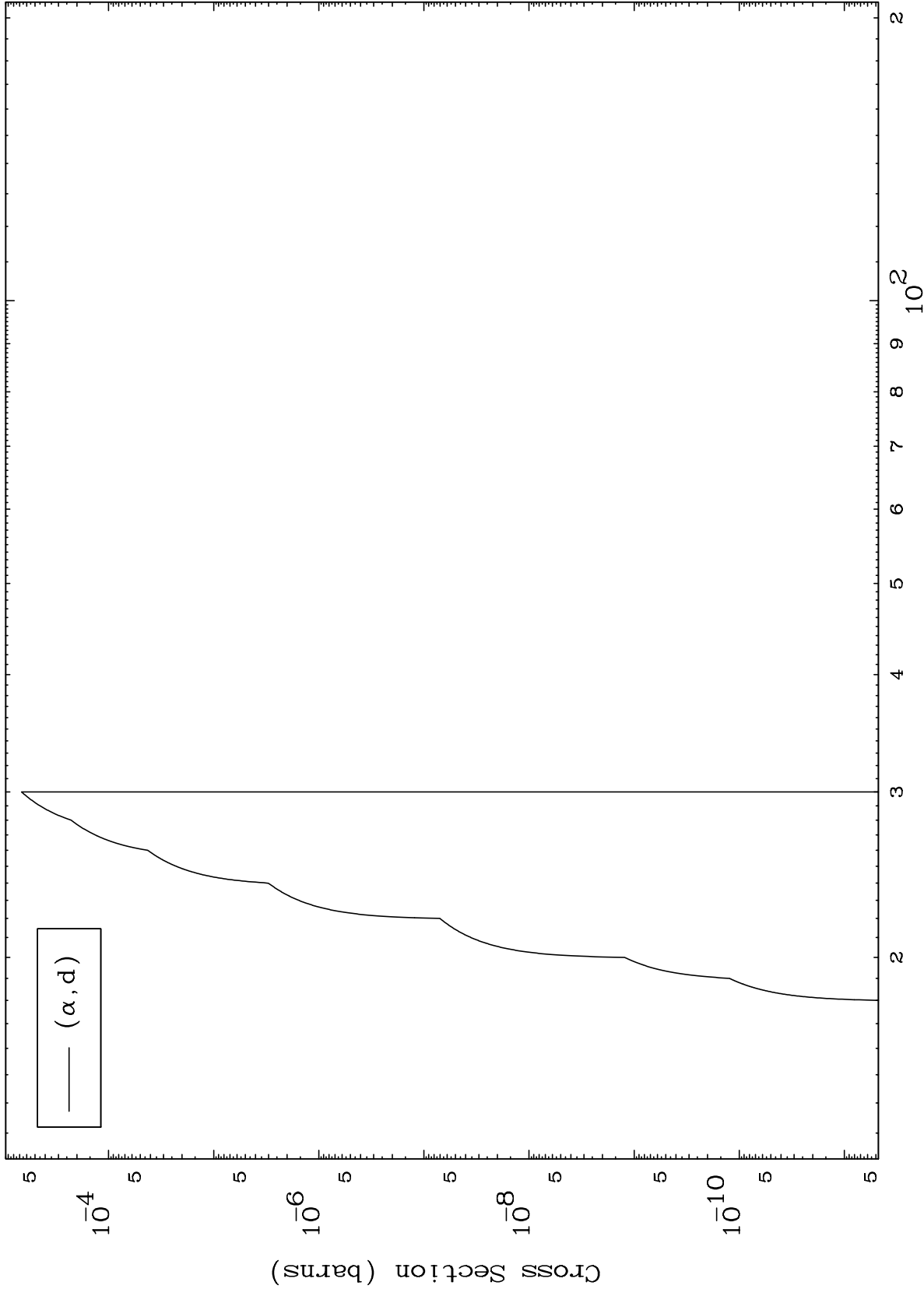
79-Au-184

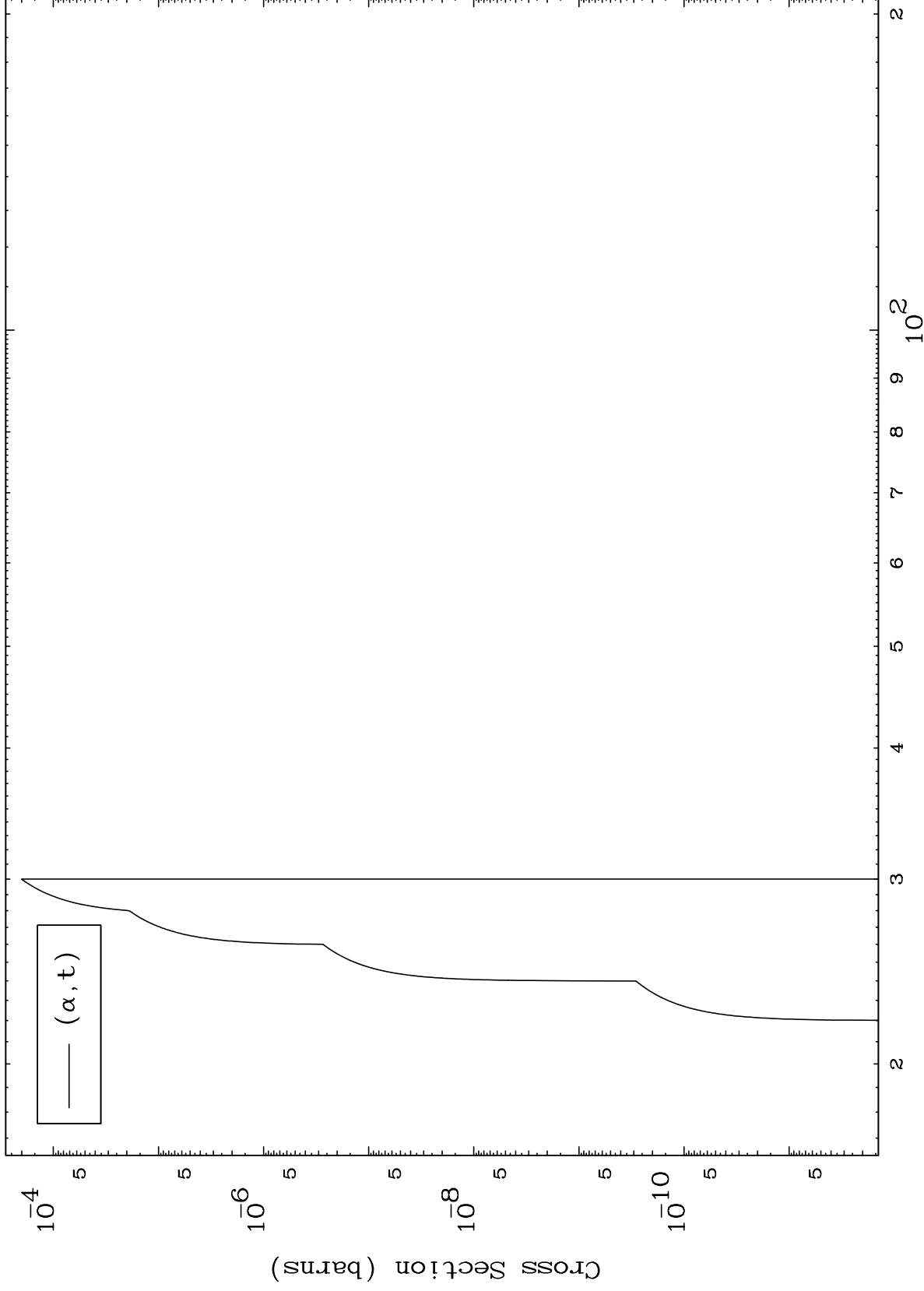


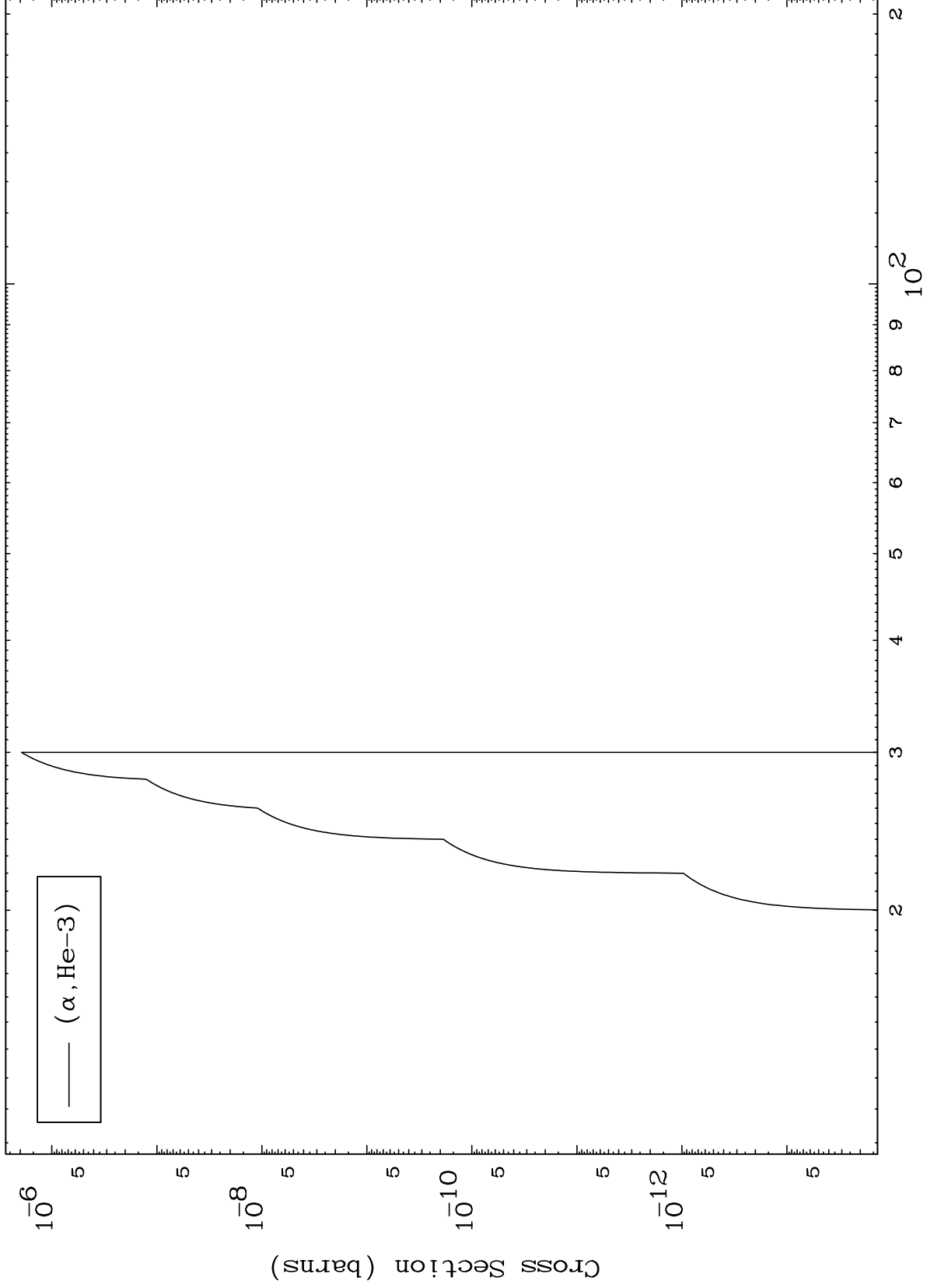
6

Incident Energy (MeV)

79-Au-184





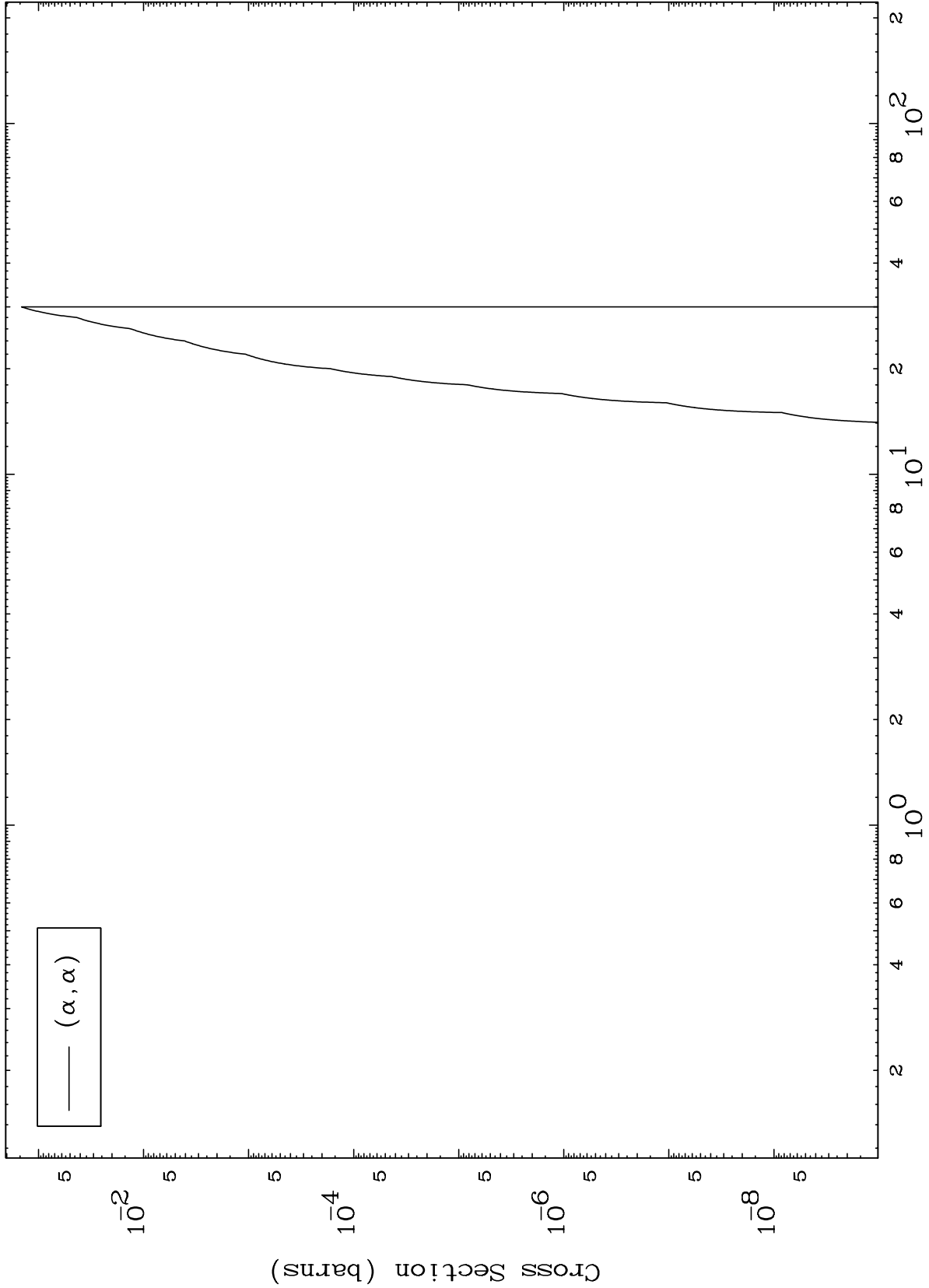


MAT 7887

(α, α) Levels

79-Au-184

0 Kelvin Cross Sections

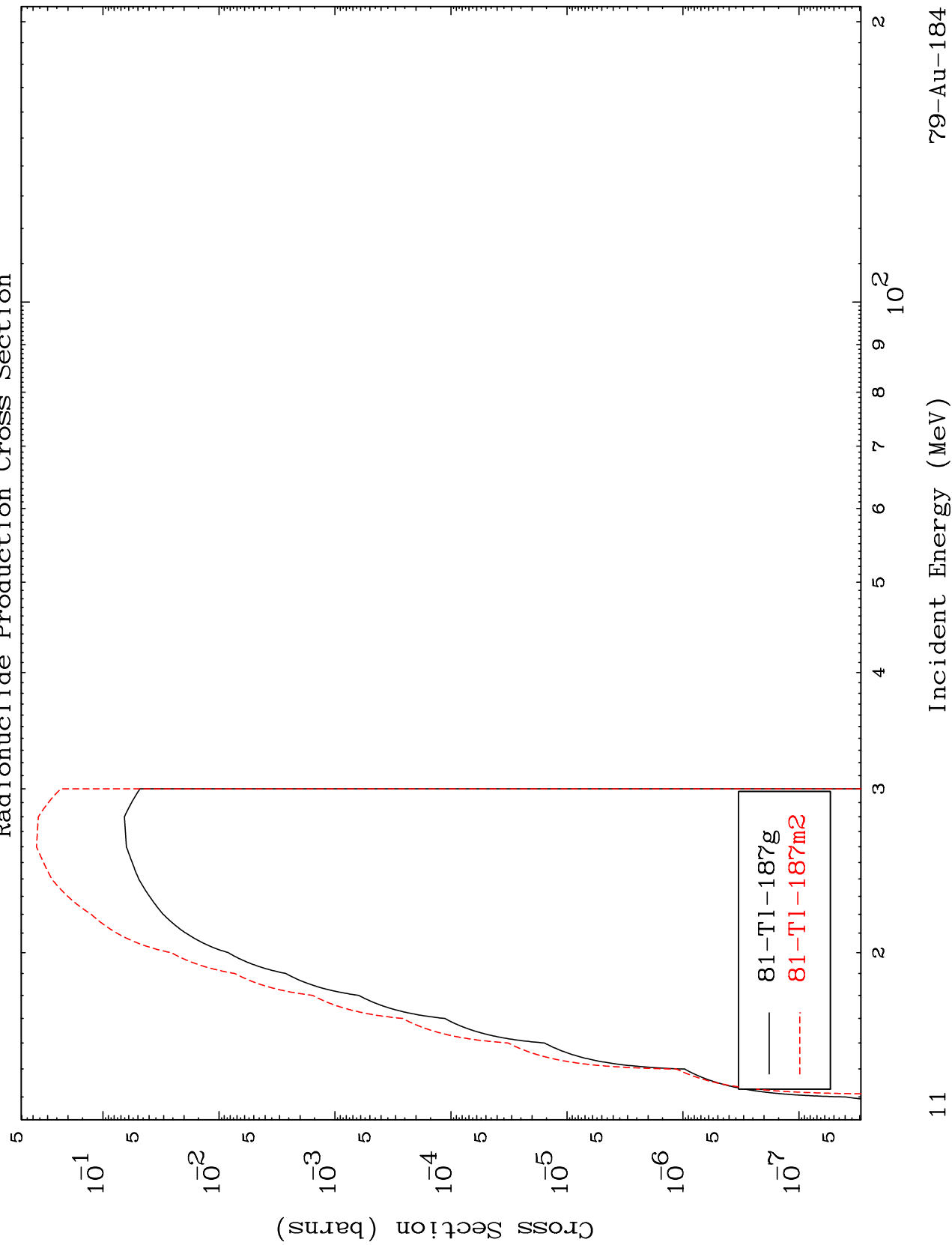


10

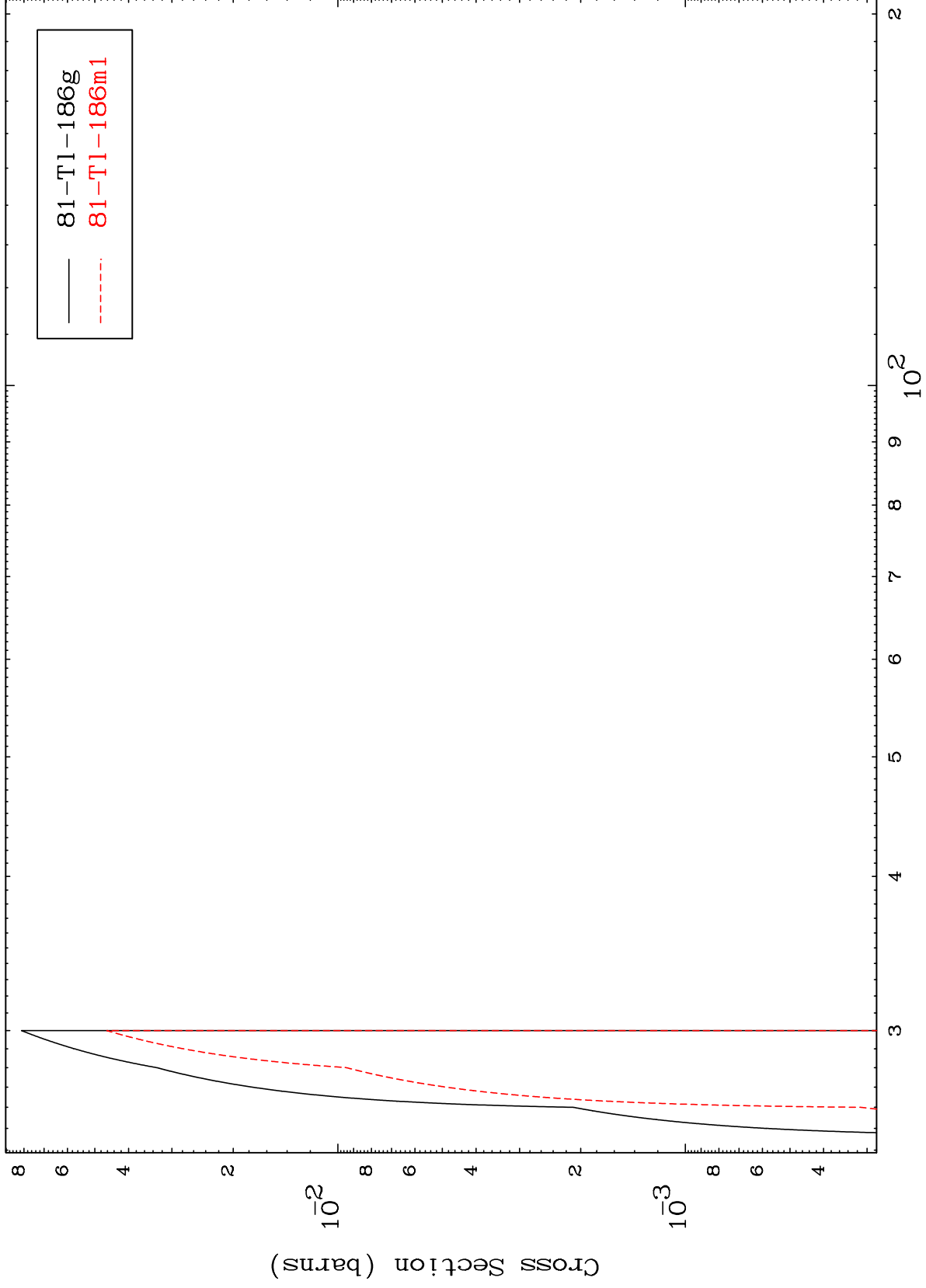
Incident Energy (MeV)

79-Au-184

Radionuclide Production Cross Section
 α Inelastic



($\alpha, 2n$)
Radionuclide Production Cross Section



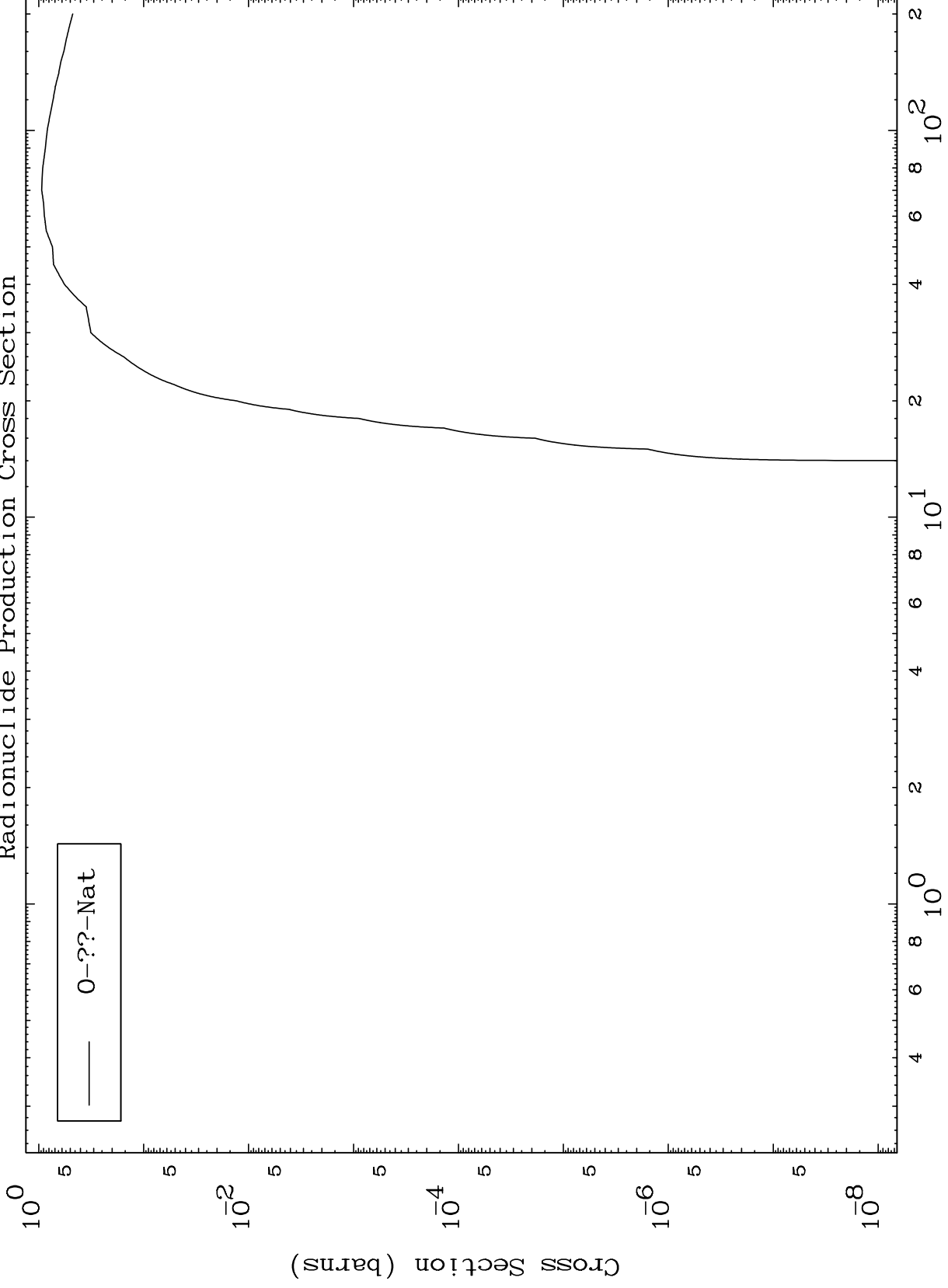
81-Tl-186g
81-Tl-186m1

MAT 7887

α Fission

79-Au-184

Radionuclide Production Cross Section



13

Incident Energy (MeV)

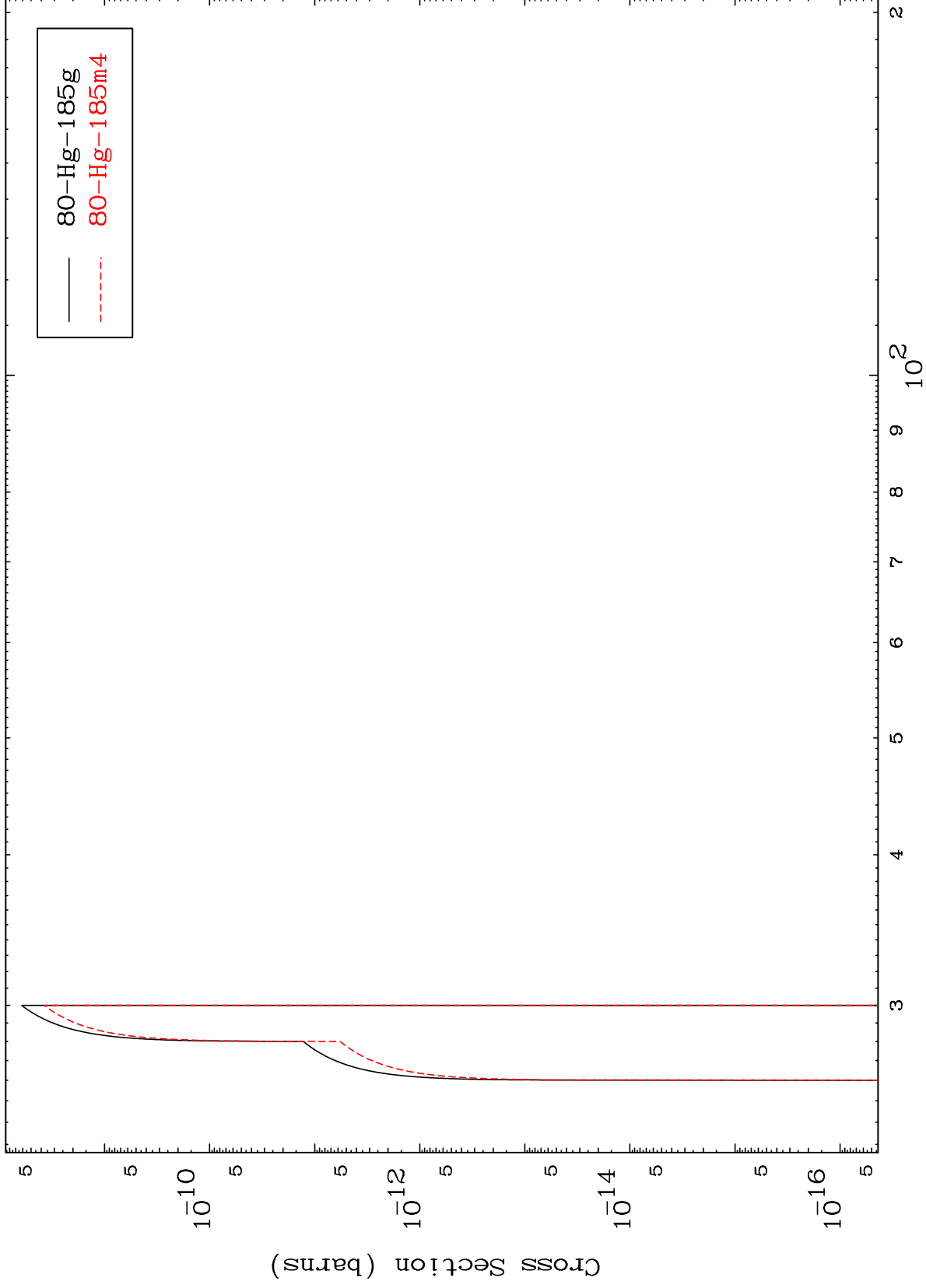
79-Au-184

MAT 7887

(α, n') d

79-Au-184

Radionuclide Production Cross Section



14

Incident Energy (MeV)

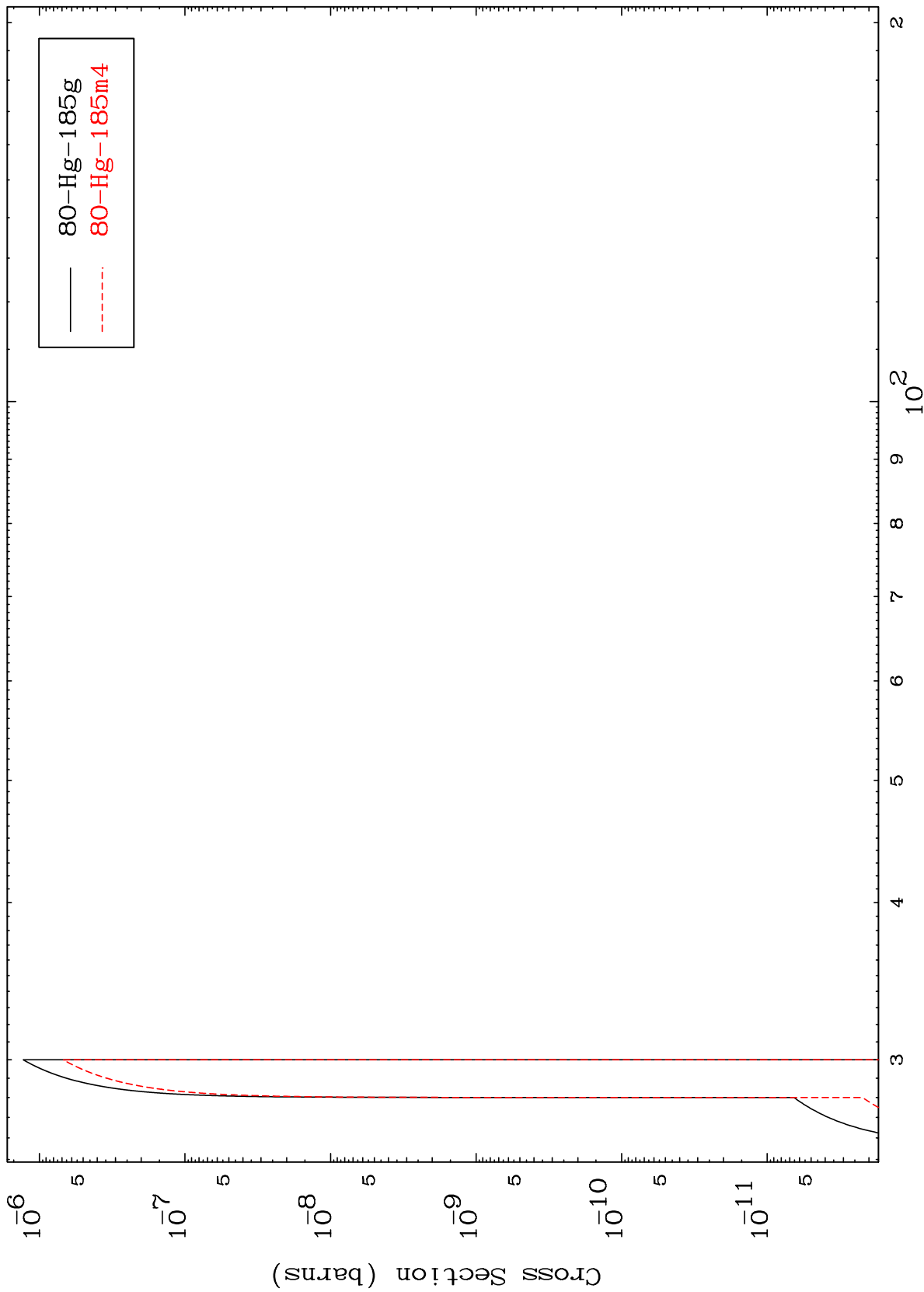
79-Au-184

MAT 7887

$(\alpha, 2n)$ p

79-Au-184

Radionuclide Production Cross Section



15

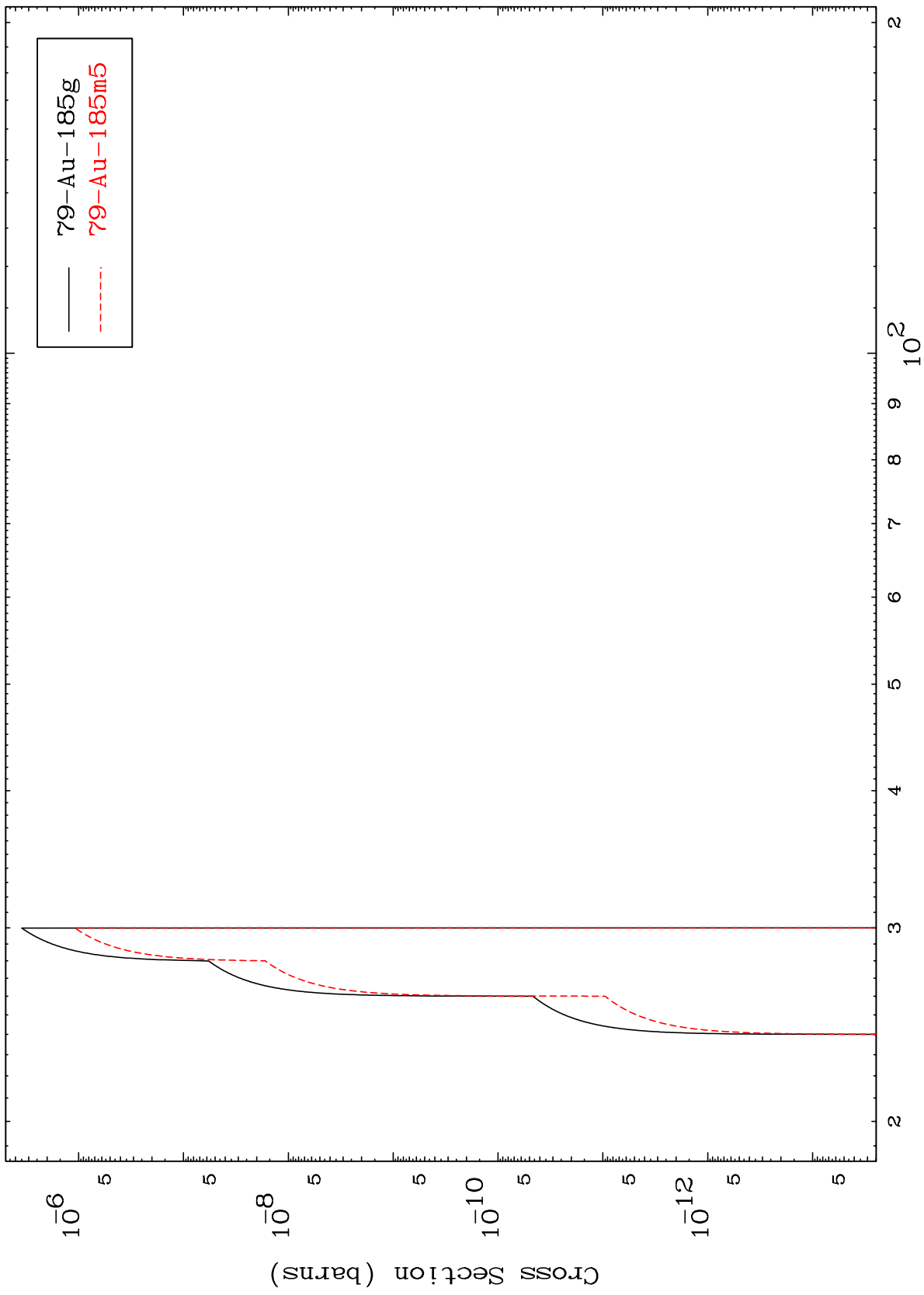
Incident Energy (MeV)

79-Au-184

MAT 7887

79-Au-184

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



16

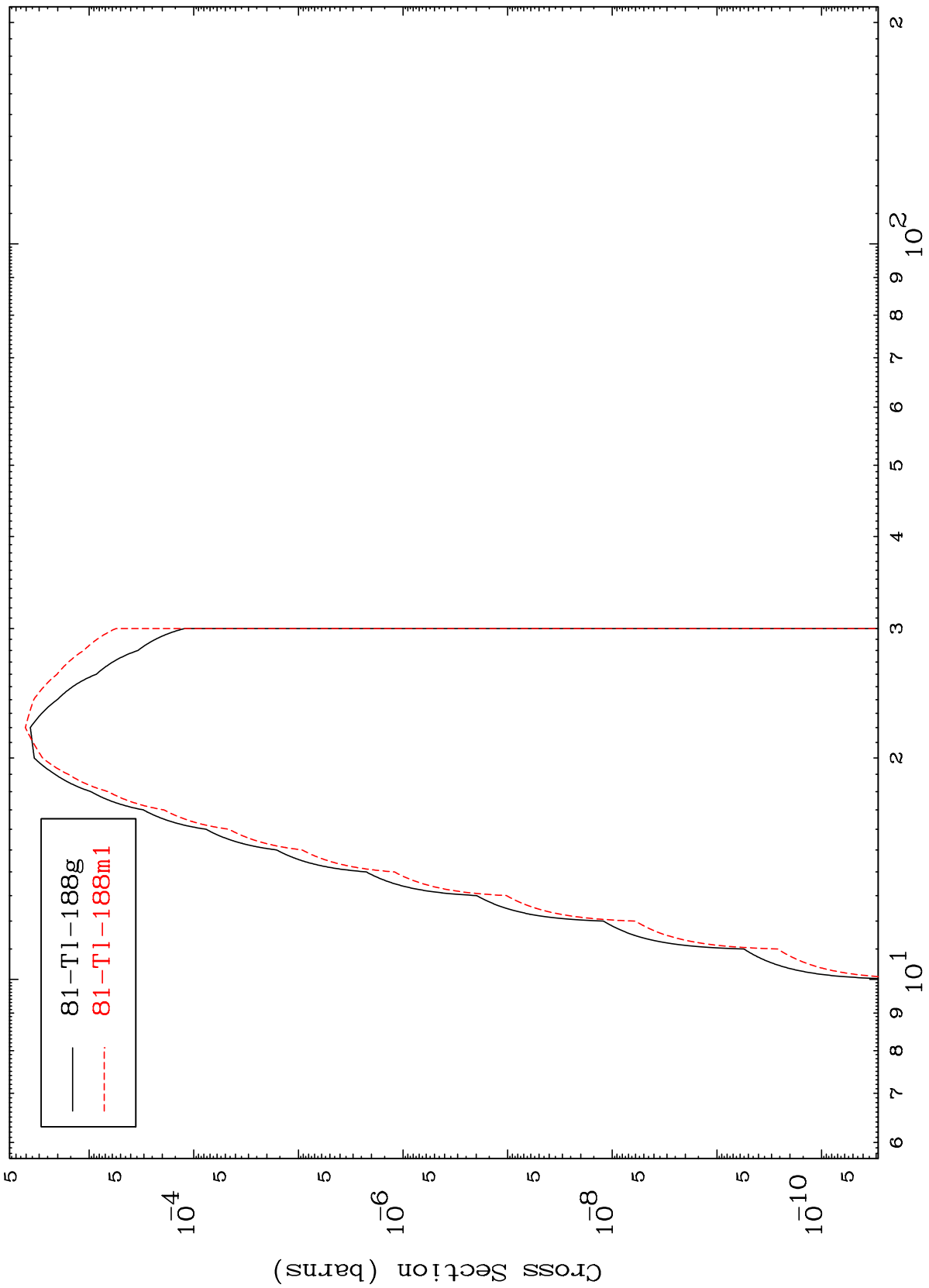
79-Au-184

Incident Energy (MeV)

MAT 7887

79-Au-184

(α, γ)
Radionuclide Production Cross Section



17

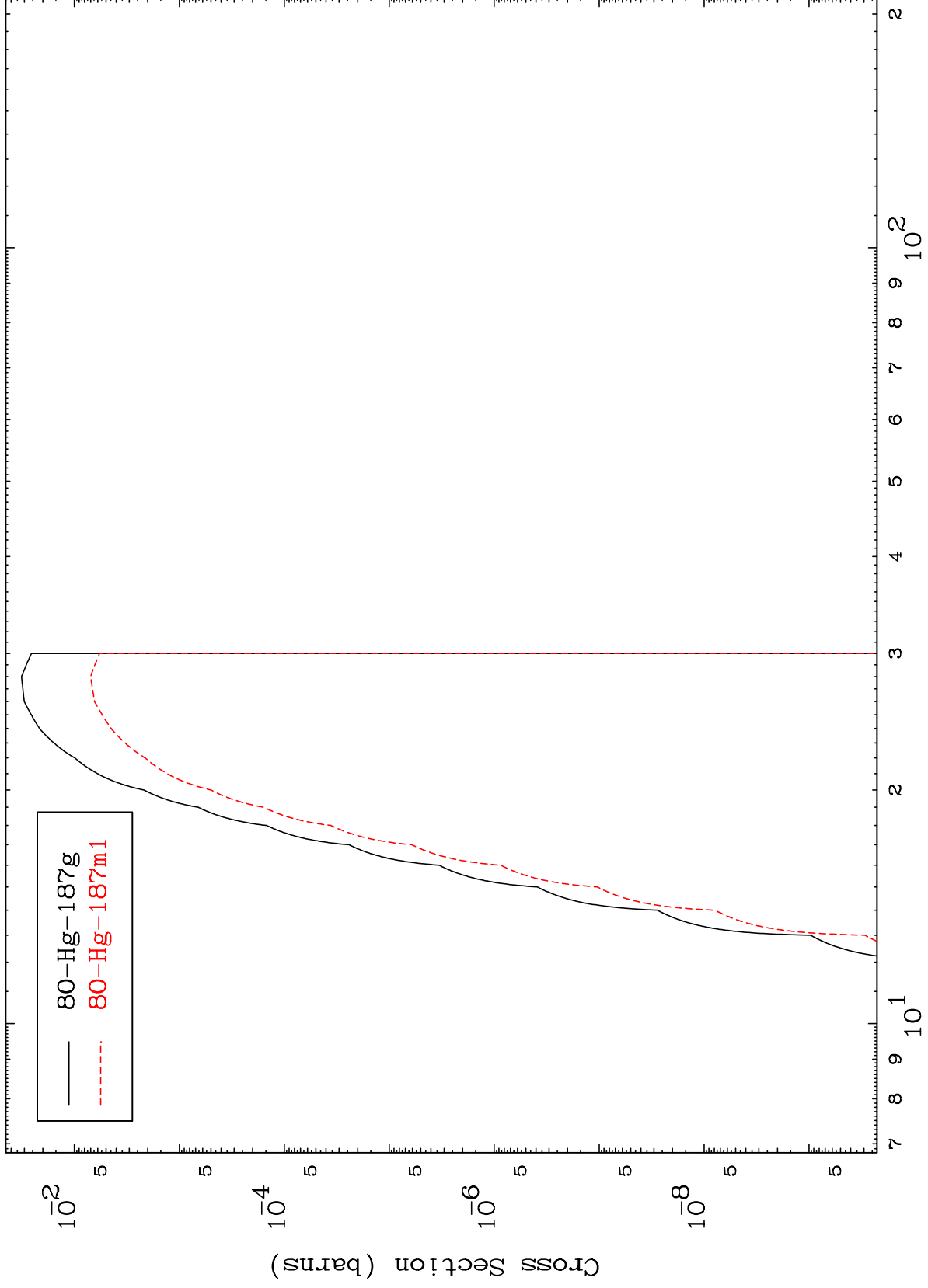
Incident Energy (MeV)

79-Au-184

MAT 7887

79-Au-184

(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

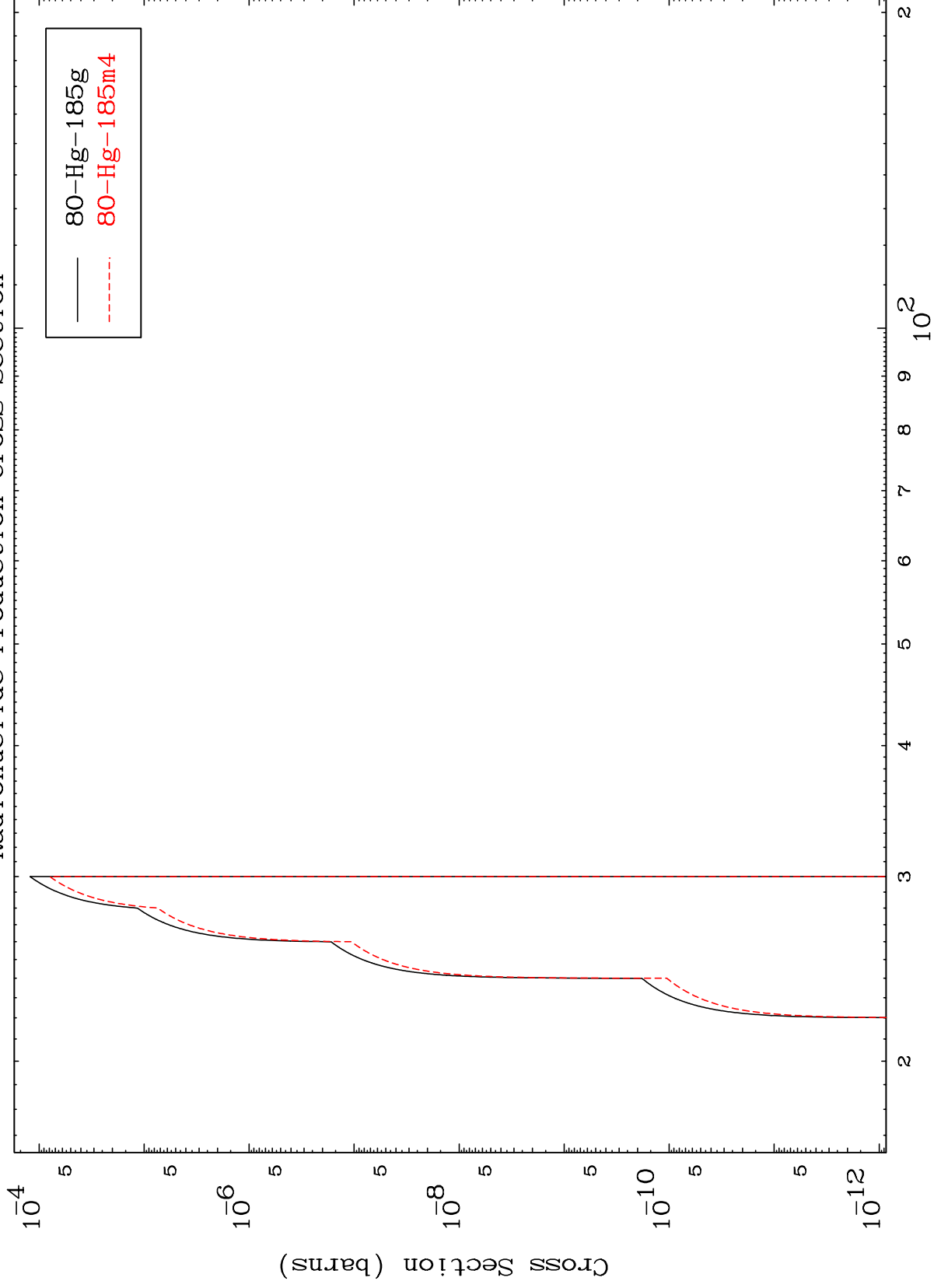
79-Au-184

MAT 7887

(α, t)

79-Au-184

Radionuclide Production Cross Section

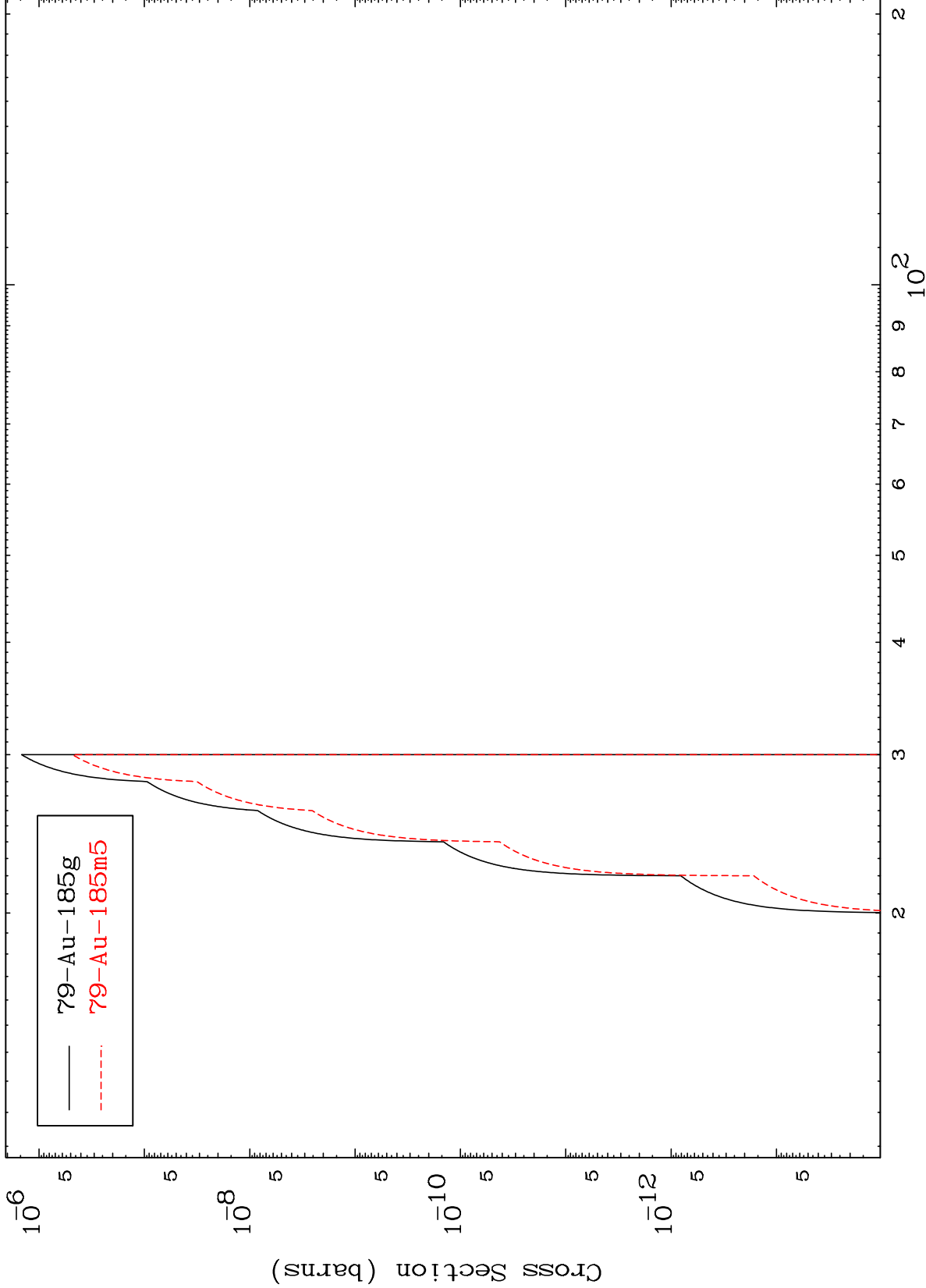


19

Incident Energy (MeV)

79-Au-184

Radionuclide Production Cross Section

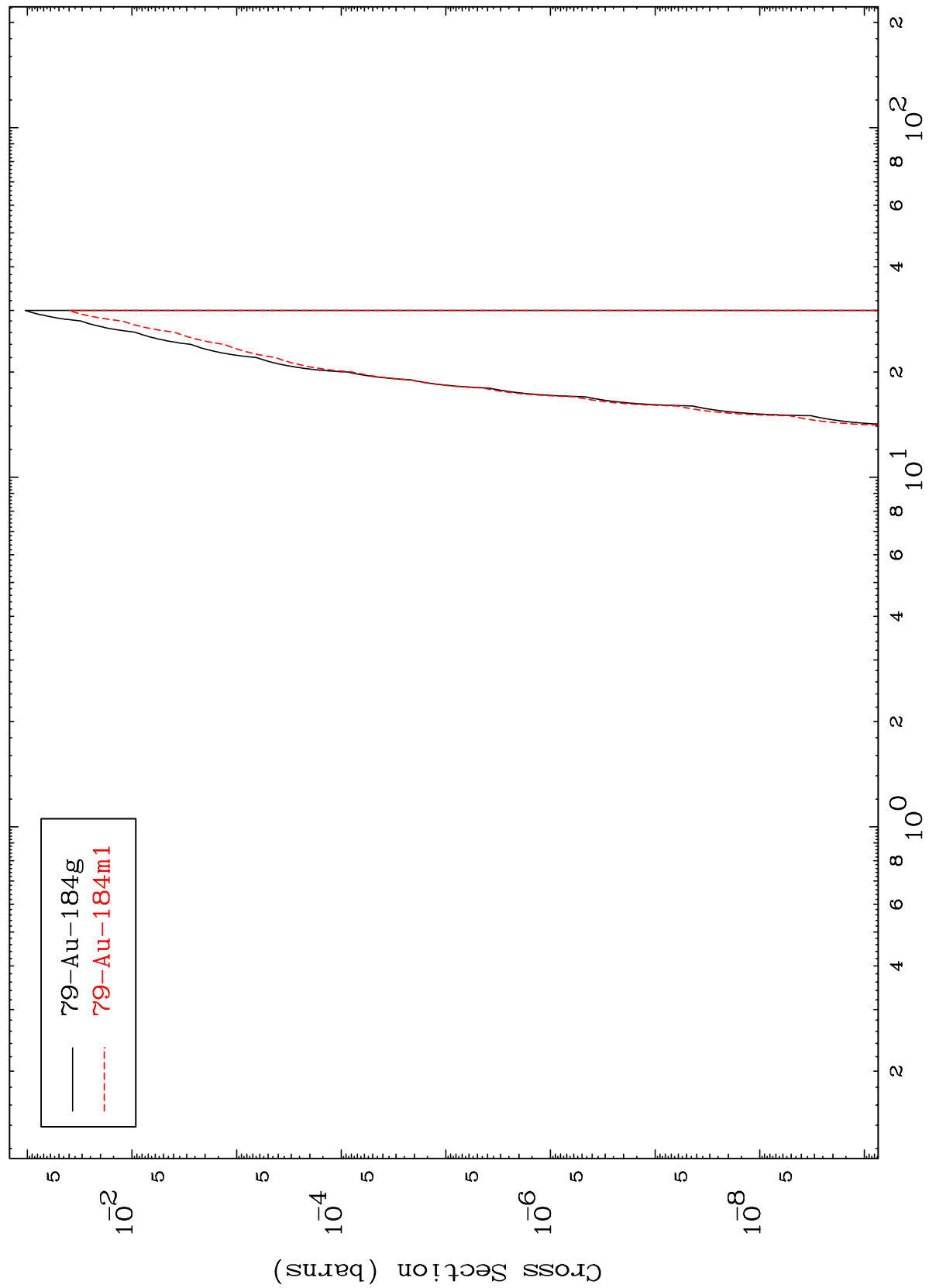


MAT 7887

(α, α)

⁷⁹Au-184

Radionuclide Production Cross Section



— ⁷⁹Au-184g
- - - ⁷⁹Au-184m1

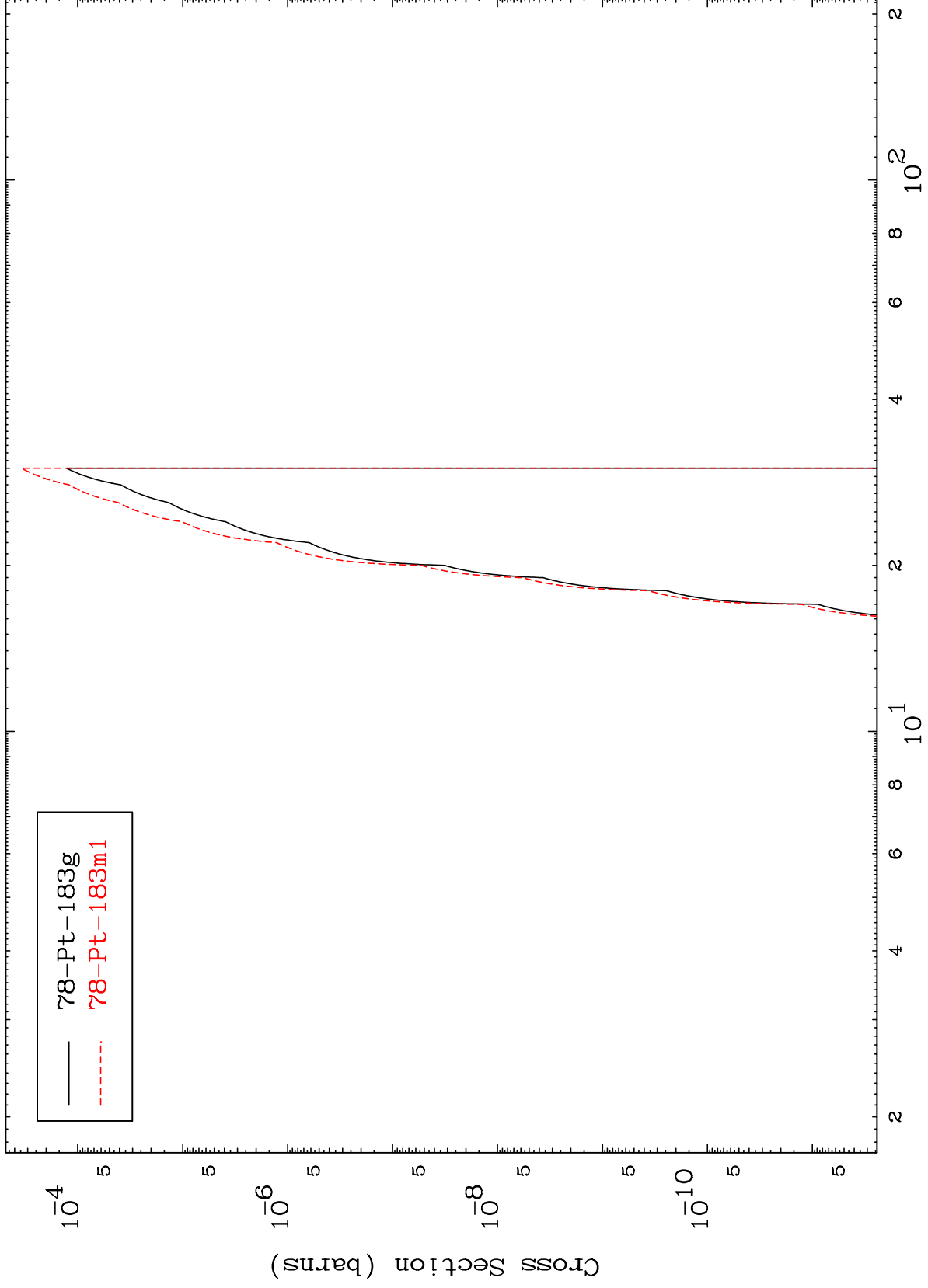
⁷⁹Au-184

MAT 7887

(α, p) α

79-Au-184

Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

22

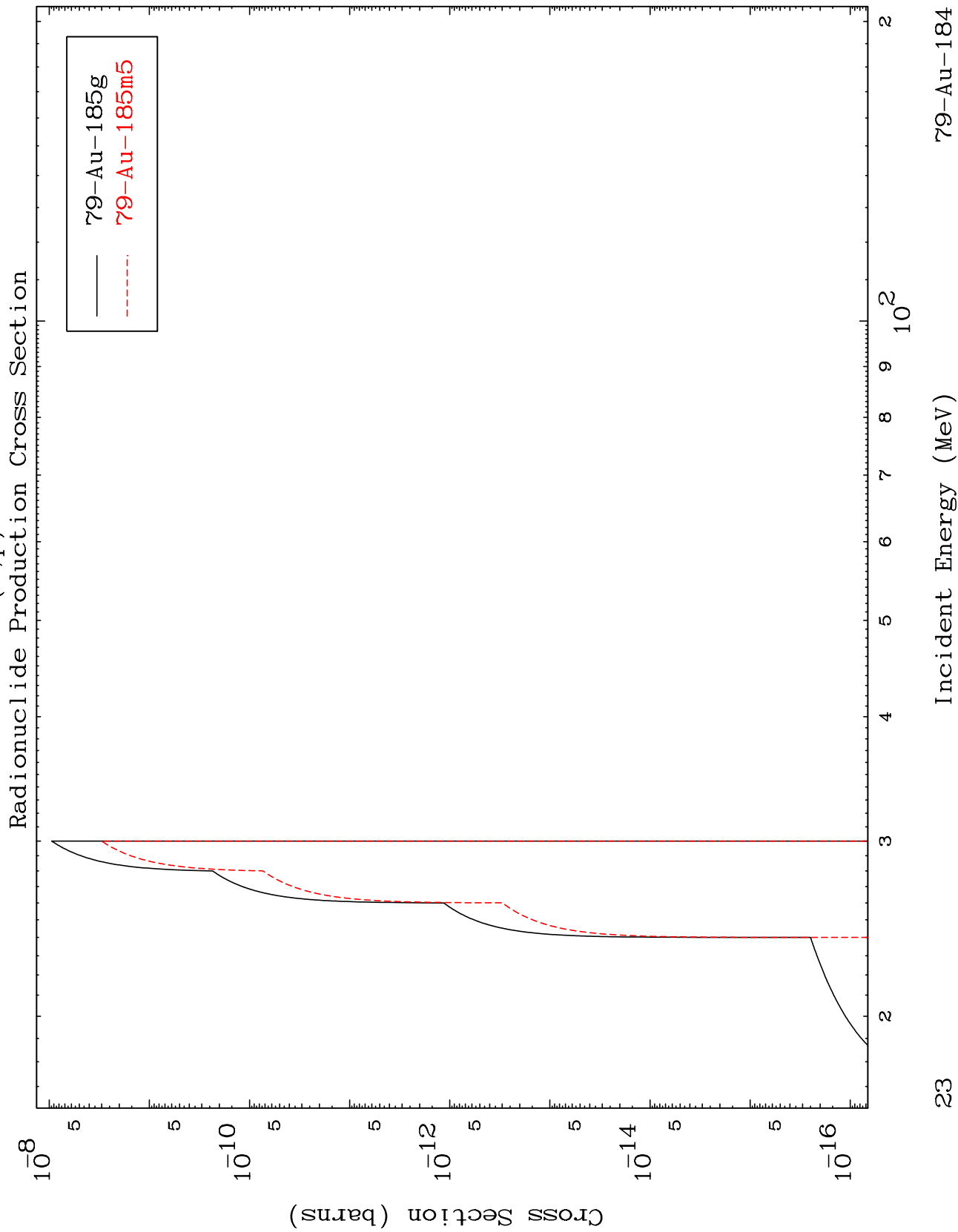
Incident Energy (MeV)

79-Au-184

MAT 7887

(α, p) d

79-Au-184



23

79-Au-184