

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

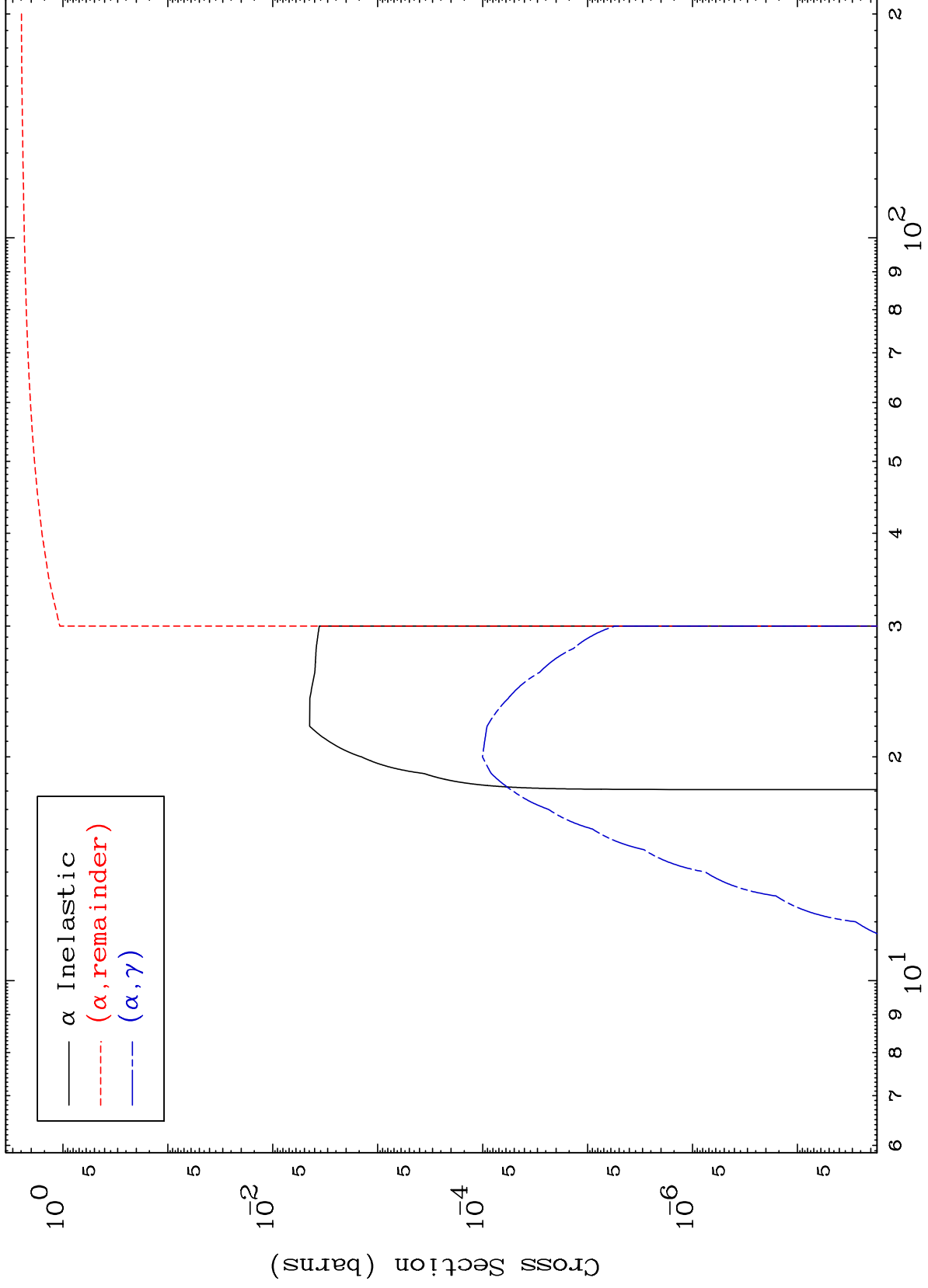
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7262

0 Kelvin α Major
Cross Sections

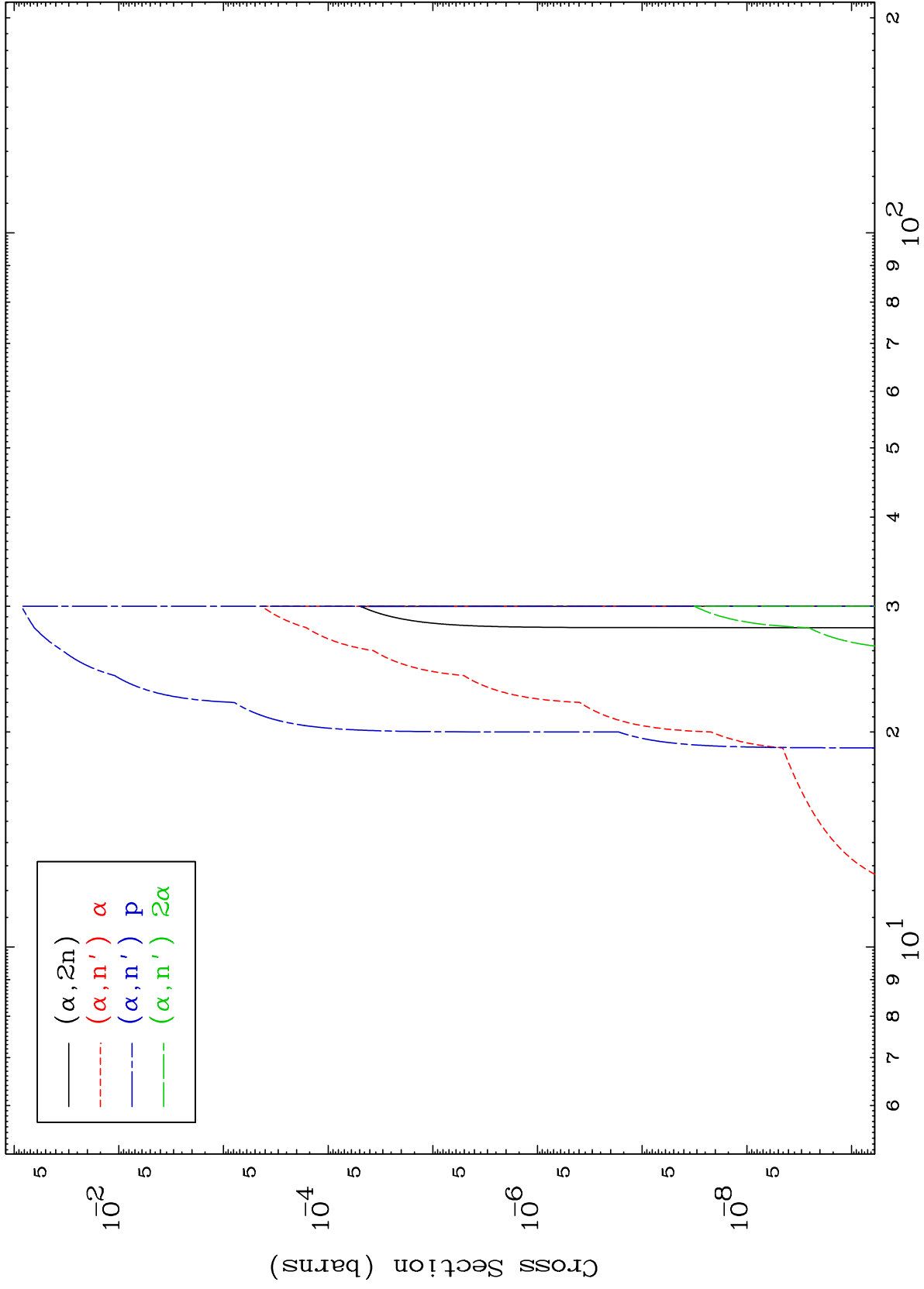
73-Ta-159

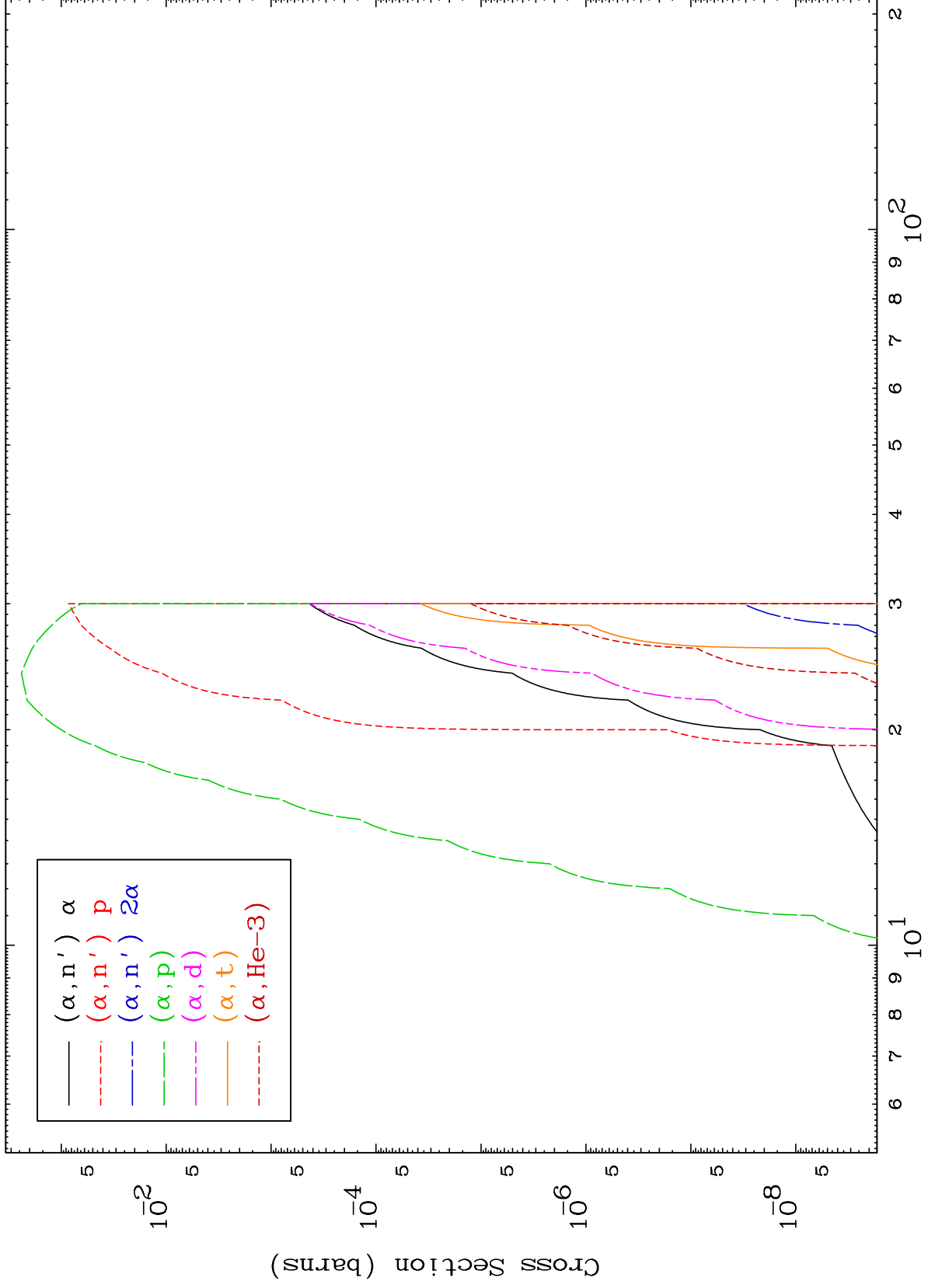


1

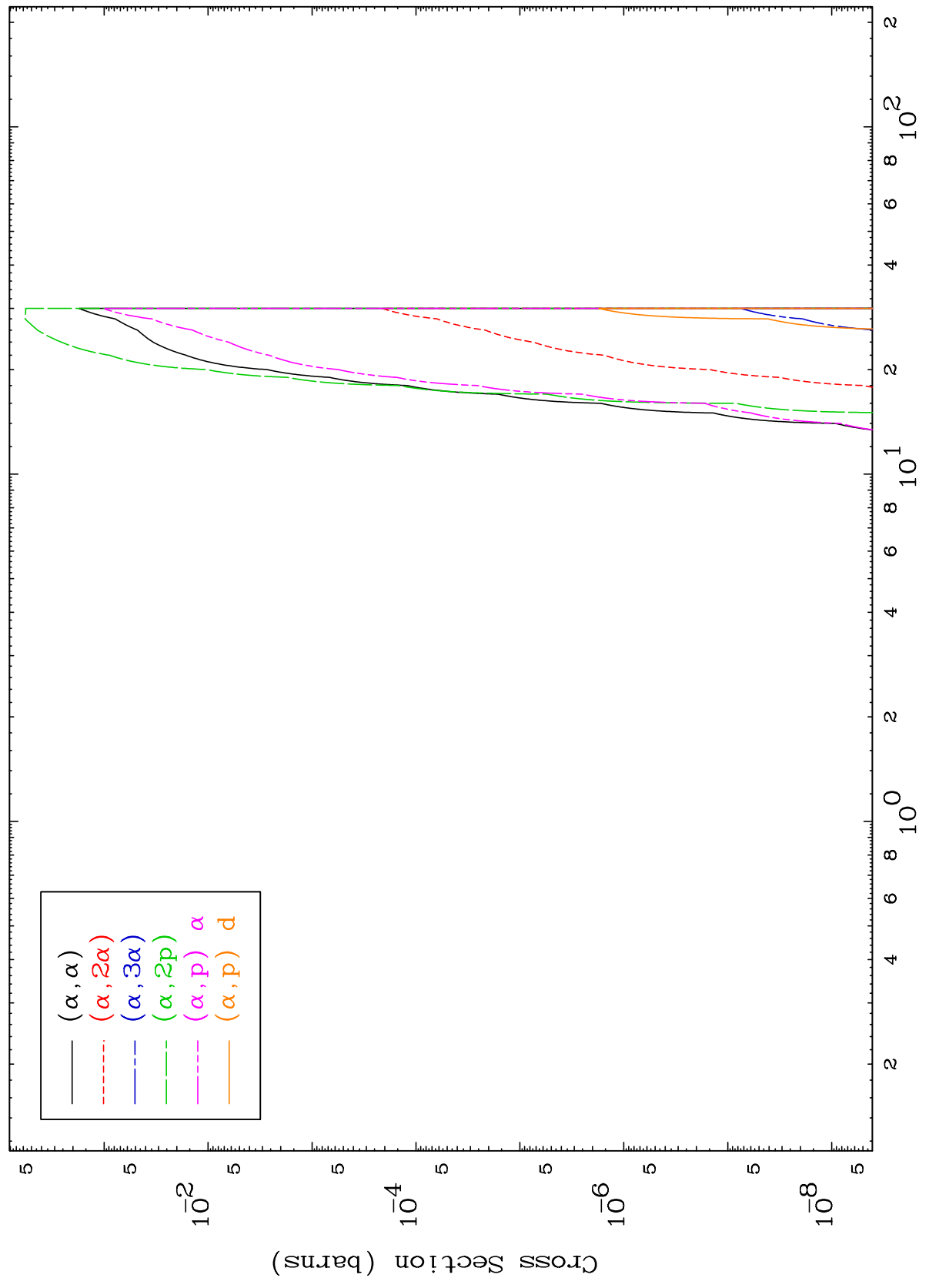
Incident Energy (MeV)

73-Ta-159





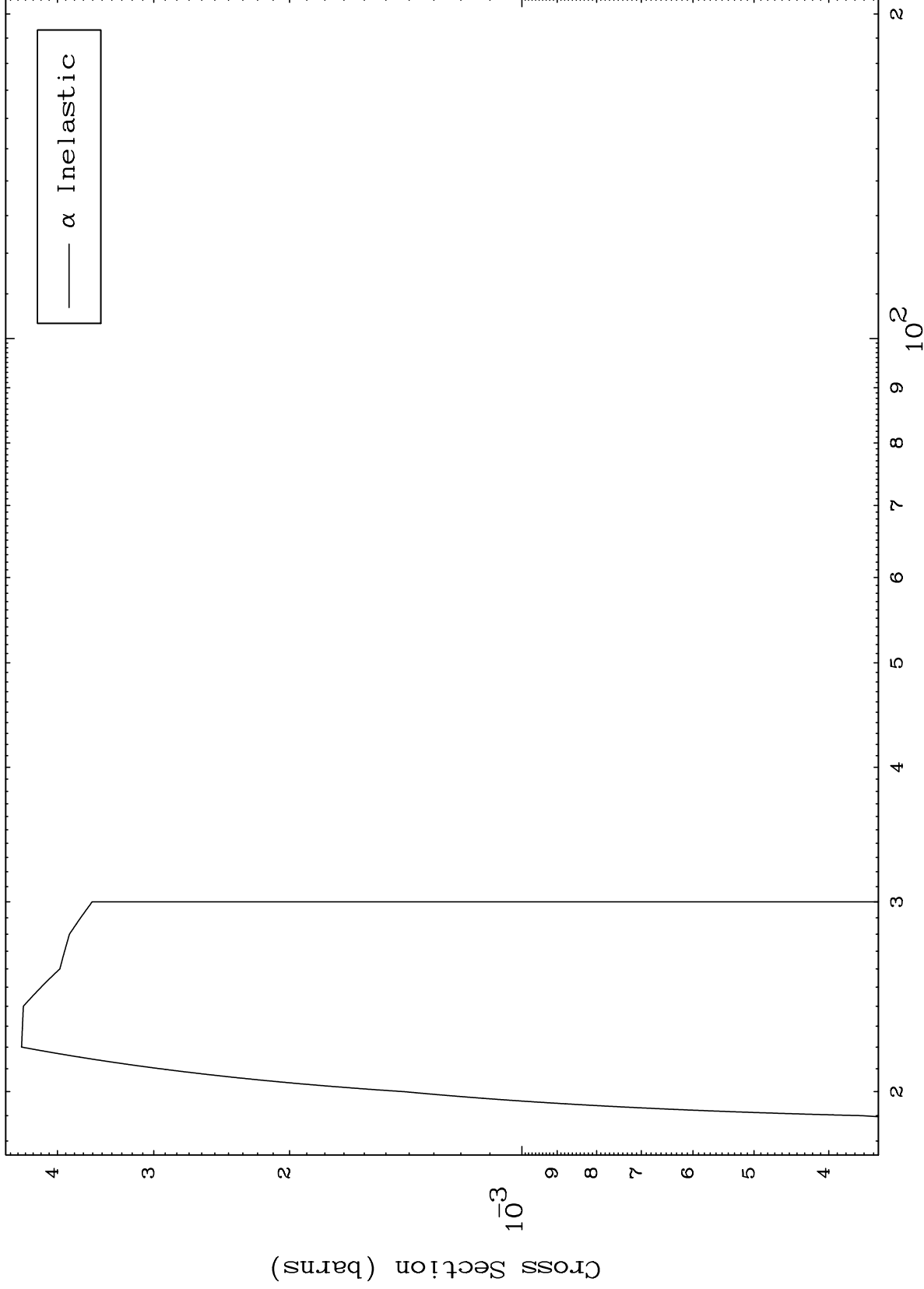
0 Kelvin Cross Sections



MAT 7262

73-Ta-159

(α, n') Level
0 Kelvin Cross Sections



73-Ta-159

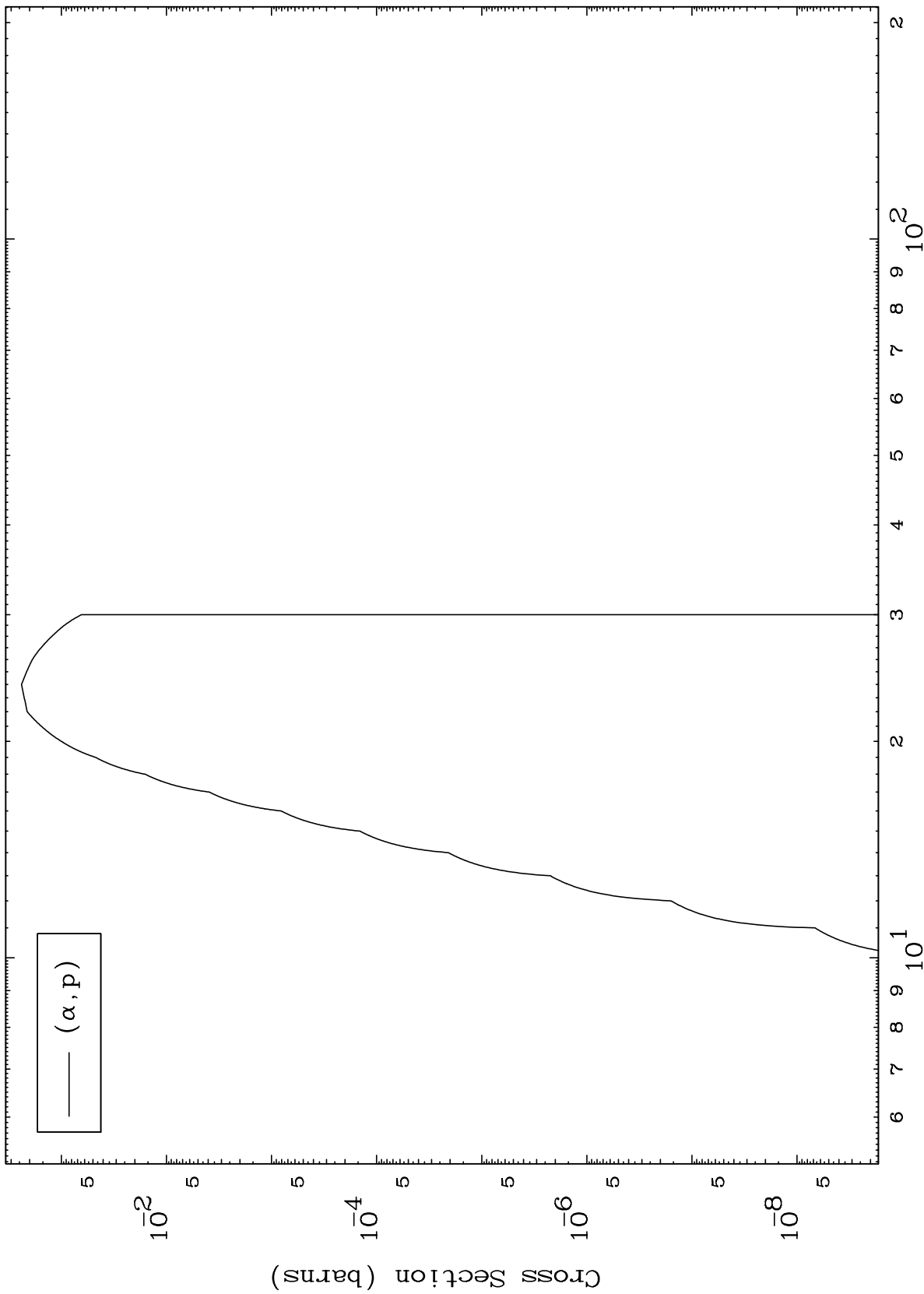
Incident Energy (MeV)

5

MAT 7262

73-Ta-159

(α, p) Levels
0 Kelvin Cross Sections



6

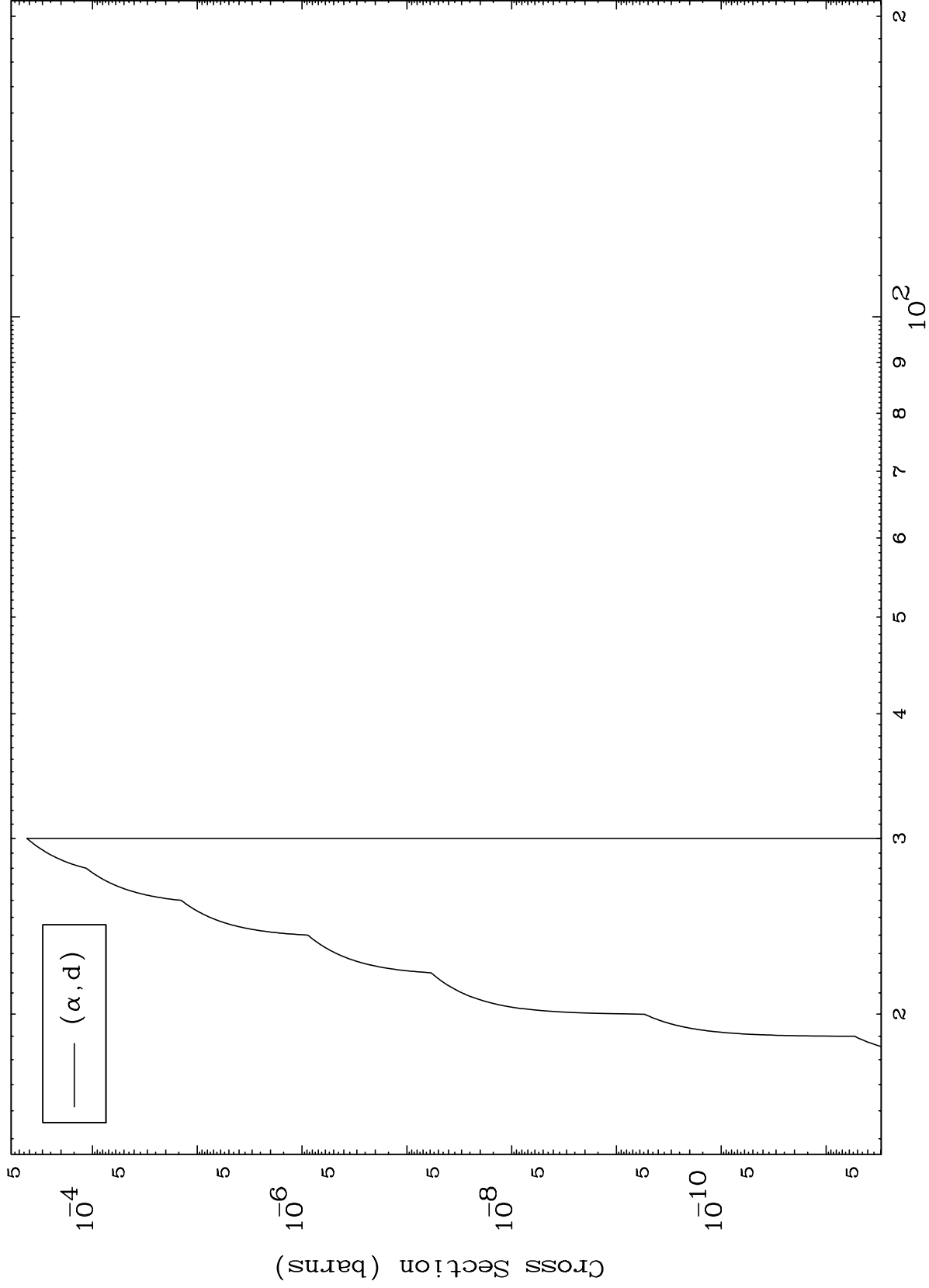
73-Ta-159

Incident Energy (MeV)

MAT 7262

73-Ta-159

(α, d) Levels
0 Kelvin Cross Sections



73-Ta-159

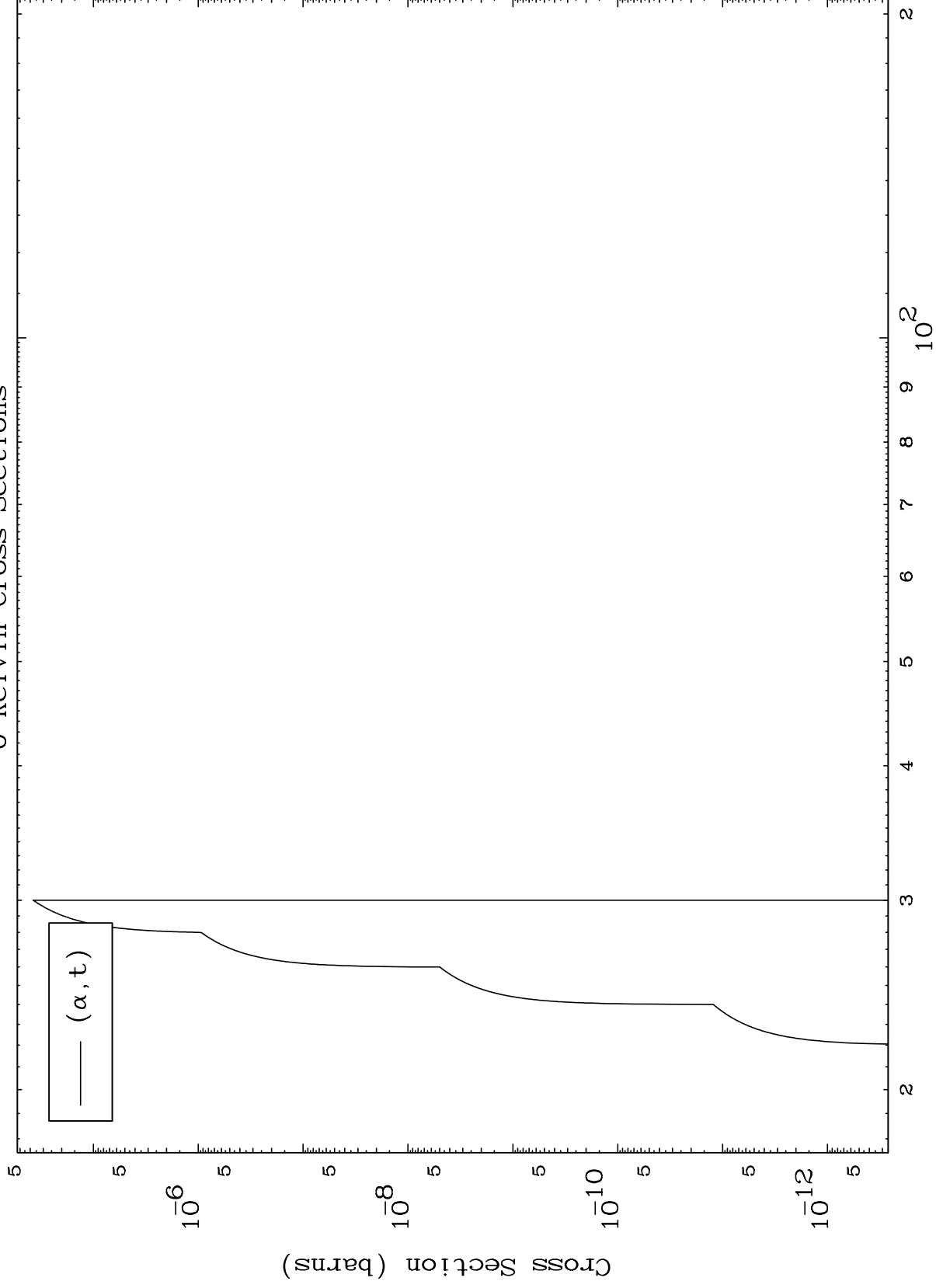
Incident Energy (MeV)

7

MAT 7262

(α, t) Levels
0 Kelvin Cross Sections

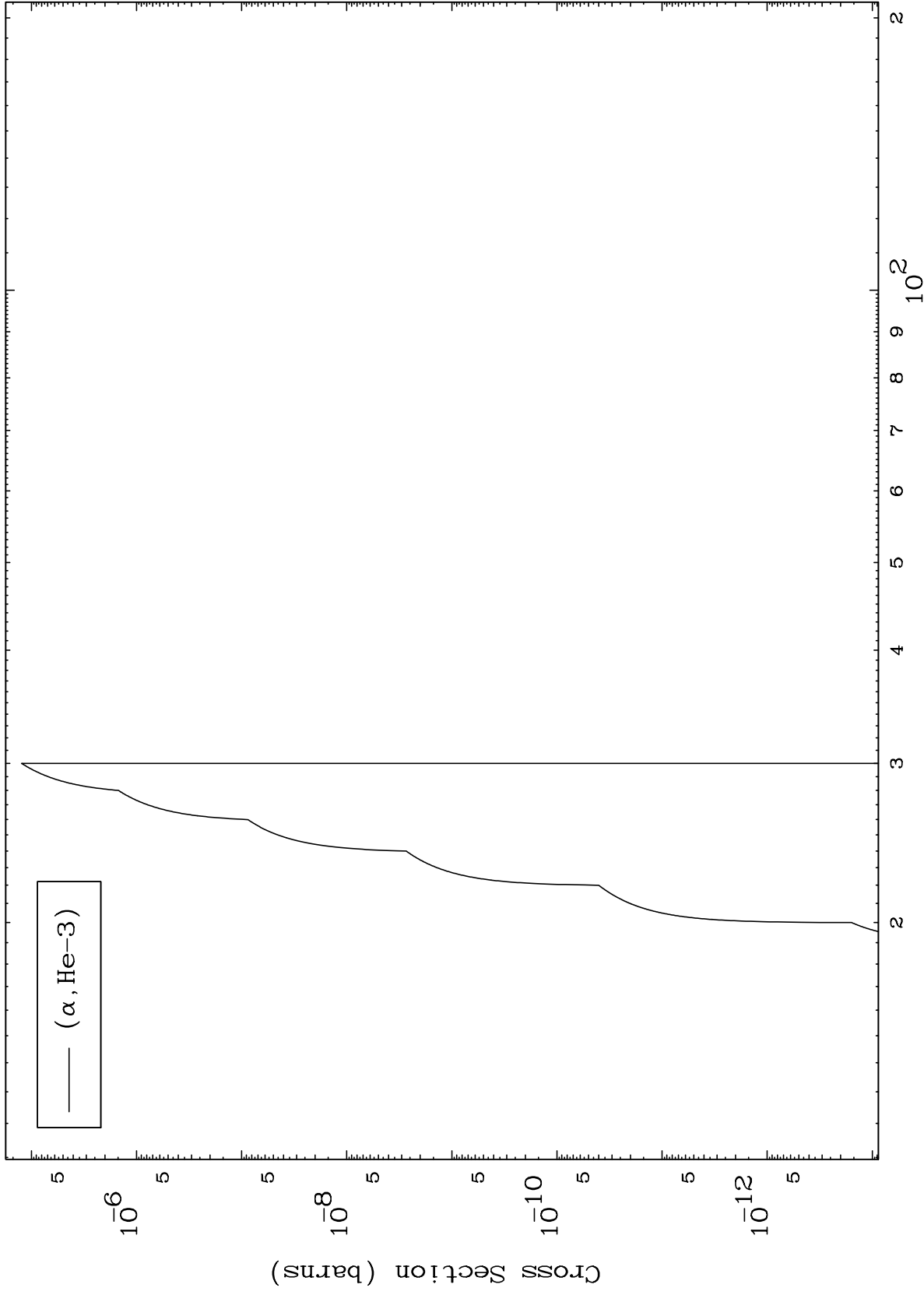
73-Ta-159



8

Incident Energy (MeV)

73-Ta-159

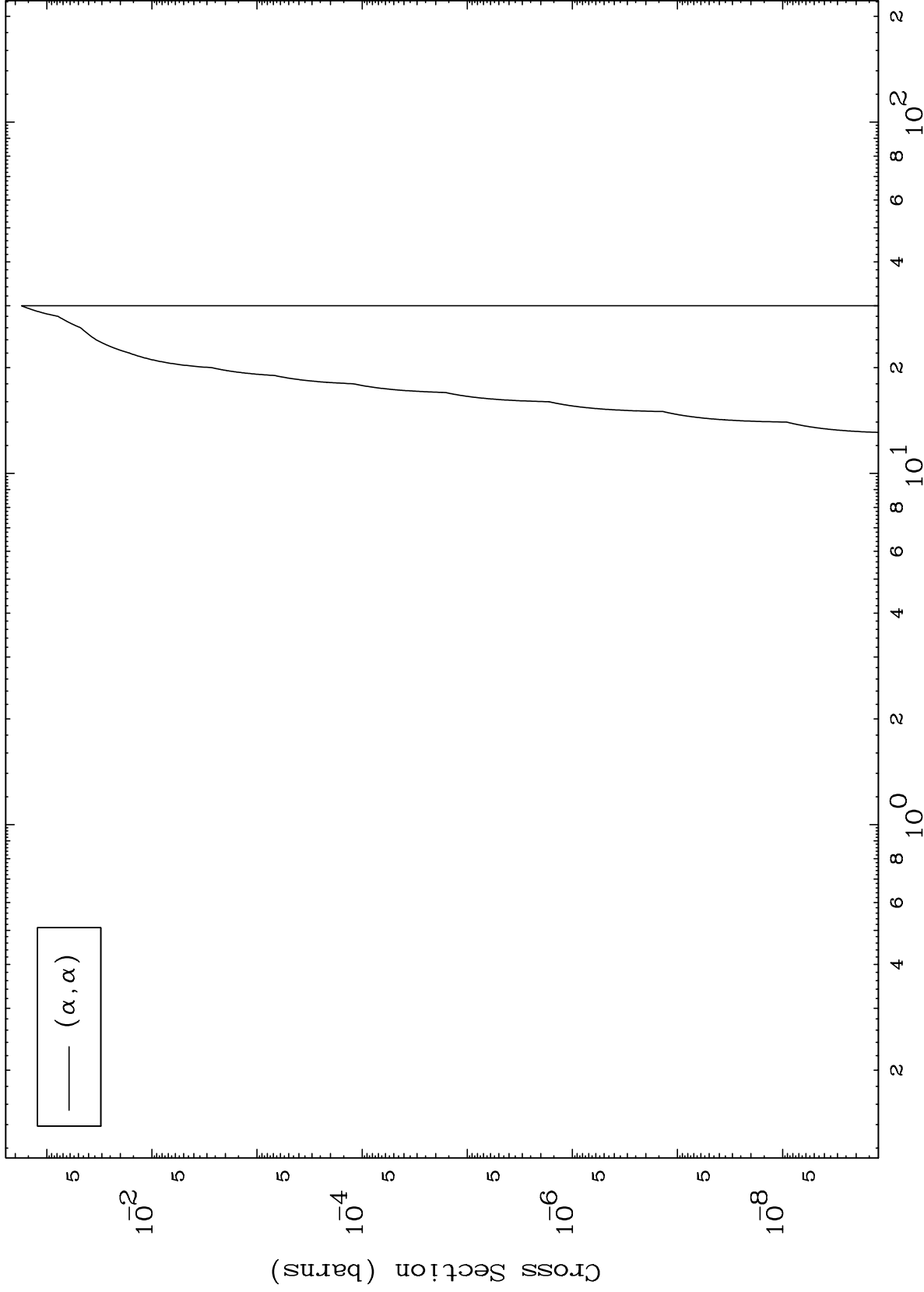


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(α, α) Levels

73-Ta-159

0 Kelvin Cross Sections



10

Incident Energy (MeV)

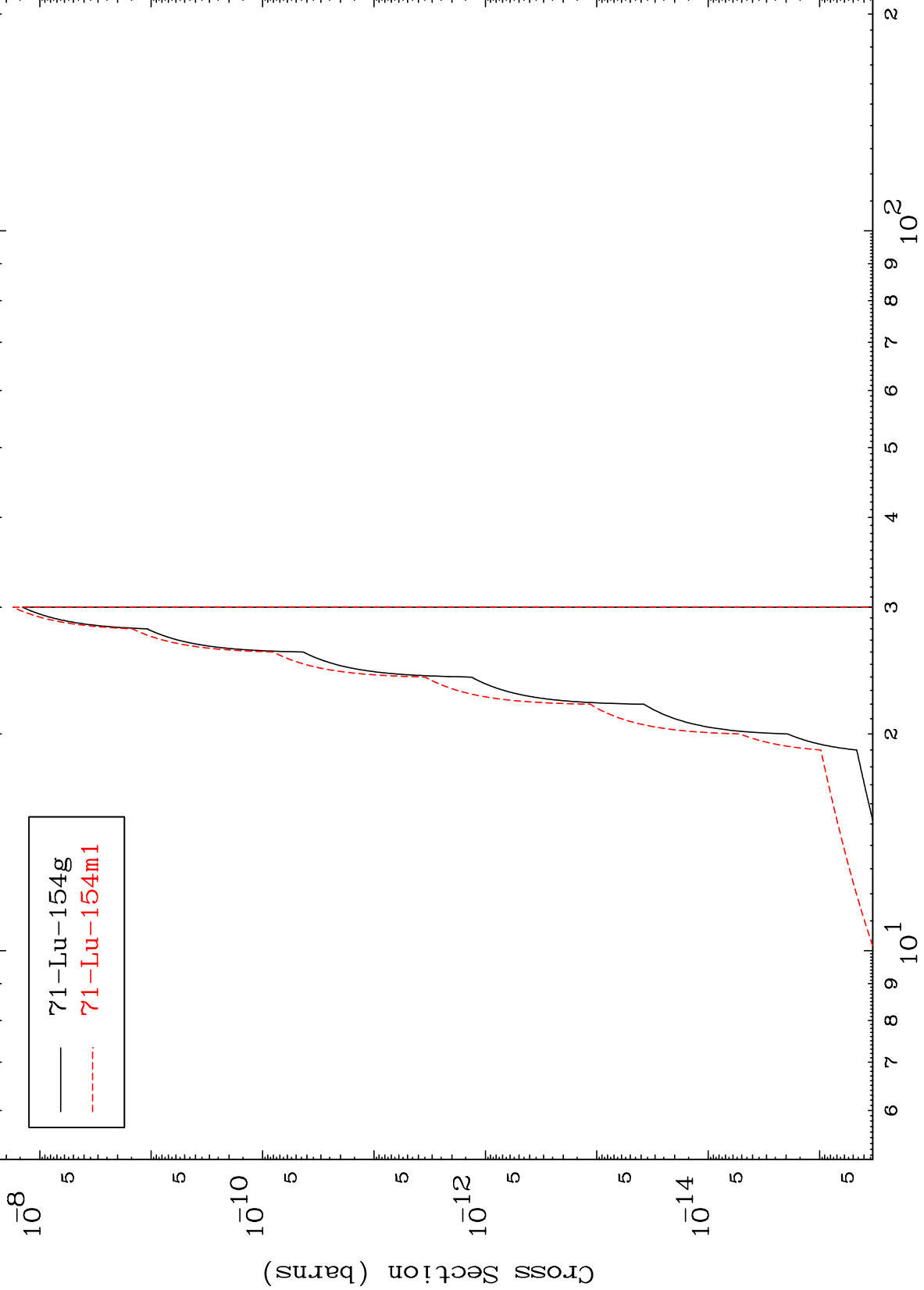
73-Ta-159

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(α, n') 2α

$^{73}\text{Ta-159}$

Radionuclide Production Cross Section

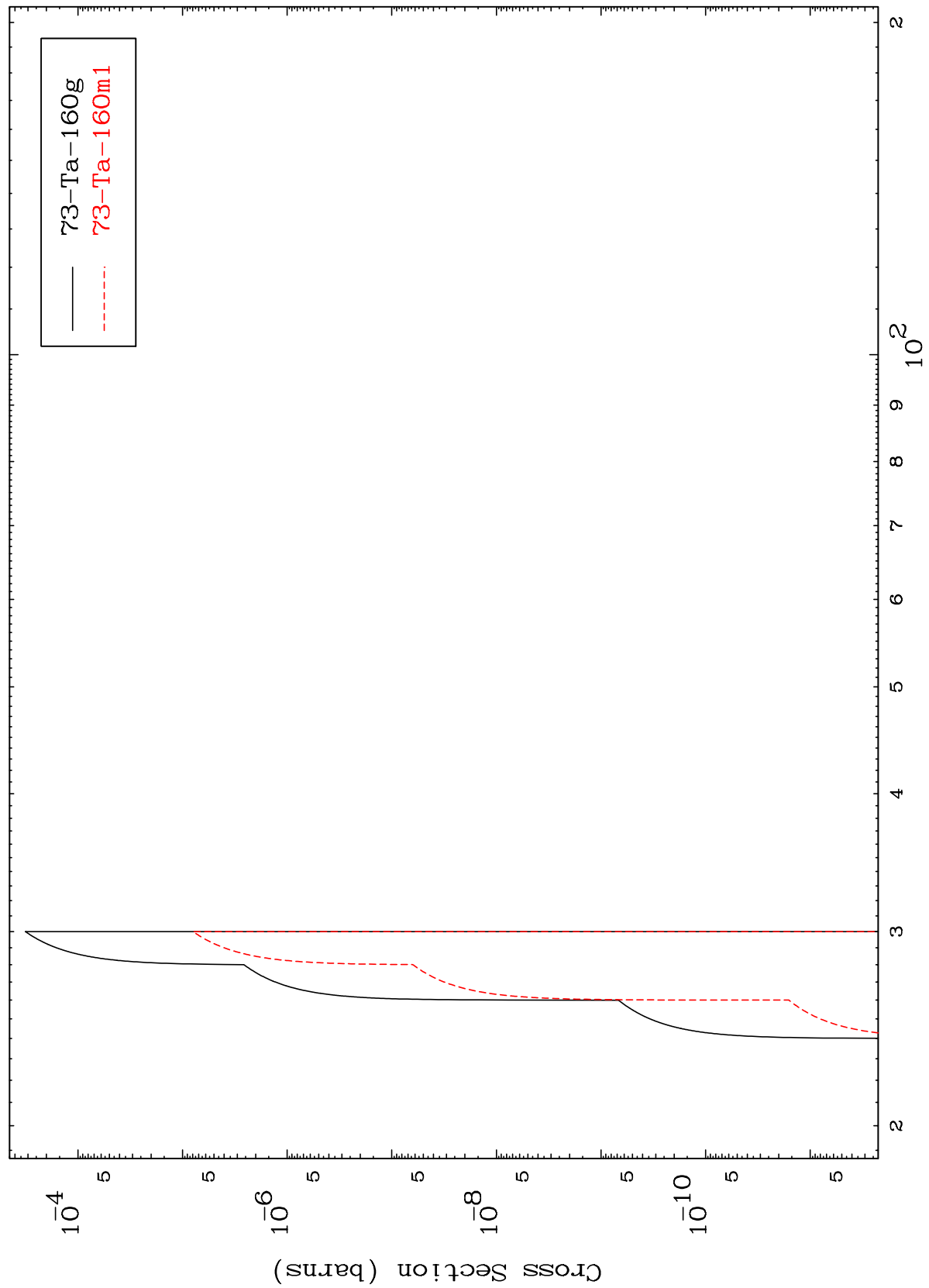


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$(\alpha, 2n)$ p

$^{73}\text{Ta-159}$

Radionuclide Production Cross Section



12

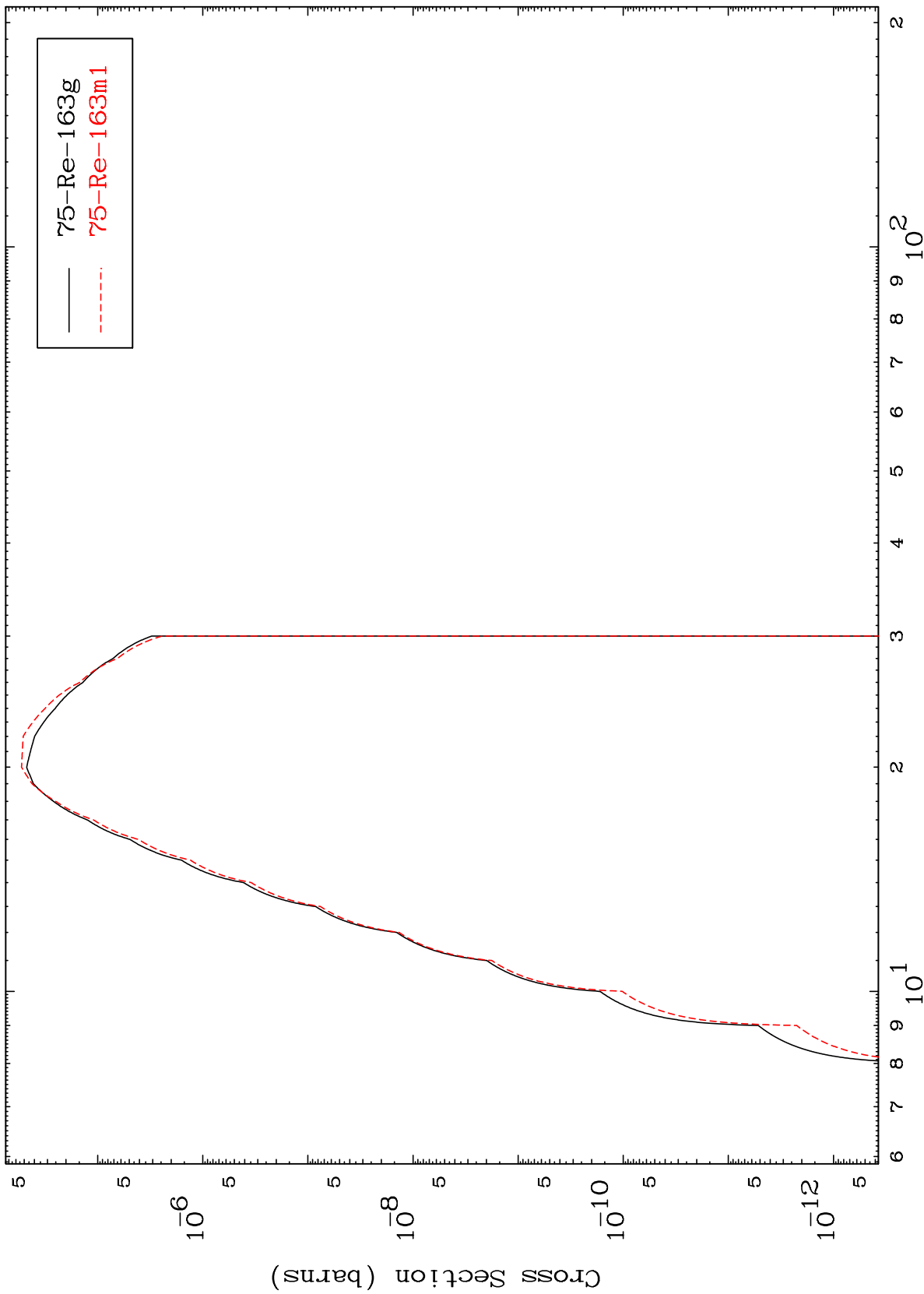
Incident Energy (MeV)

$^{73}\text{Ta-159}$

MAT 7262

73-Ta-159

(α, γ)
Radionuclide Production Cross Section



73-Ta-159

Incident Energy (MeV)

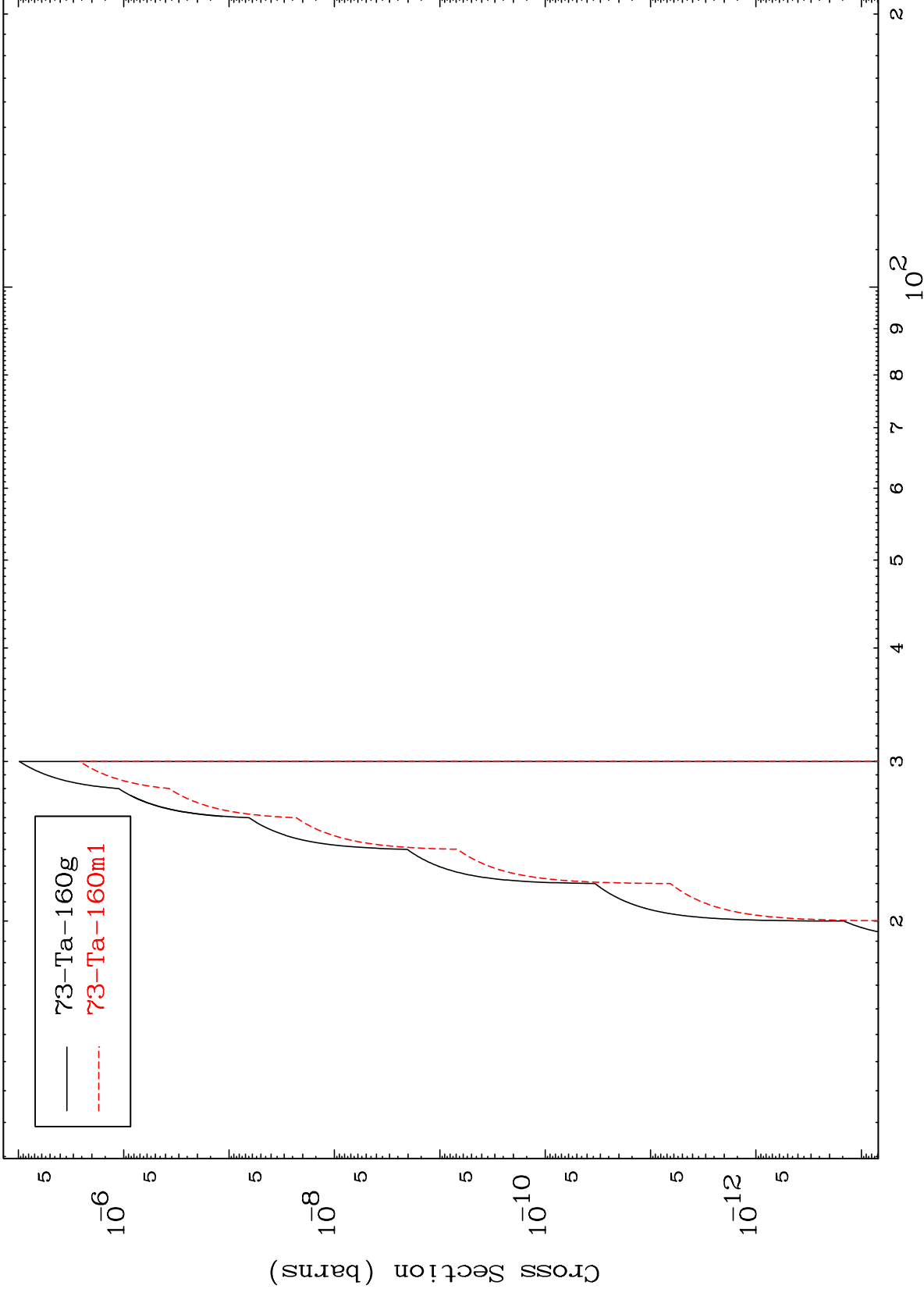
13

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($\alpha, \text{He-3}$)

$^{73}\text{Ta-159}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

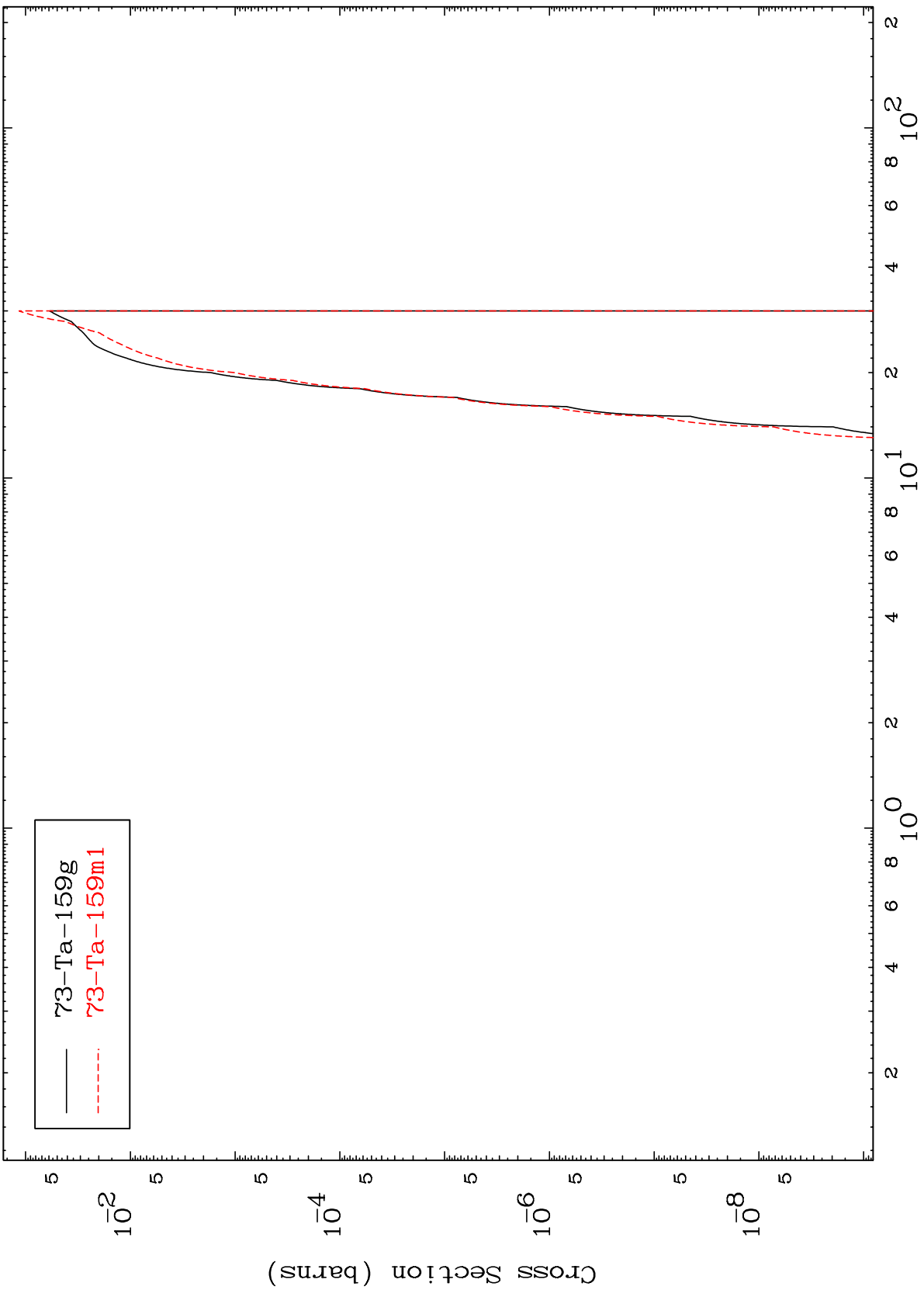
$^{73}\text{Ta-159}$

MAT 7262

(α, α)

⁷³Ta-159

Radionuclide Production Cross Section



15

Incident Energy (MeV)

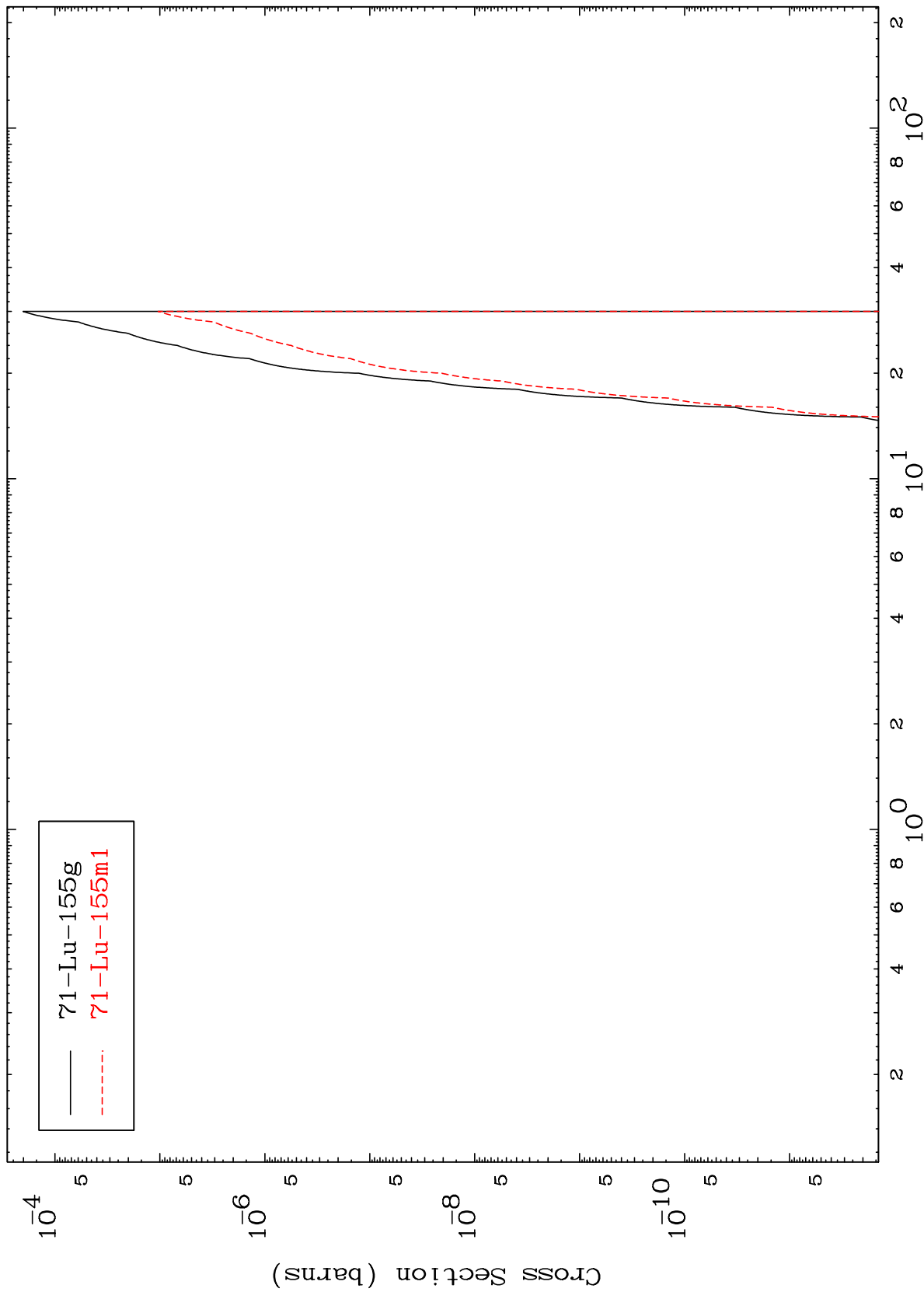
⁷³Ta-159

MAT 7262

73-Ta-159

($\alpha, 2\alpha$)

Radionuclide Production Cross Section



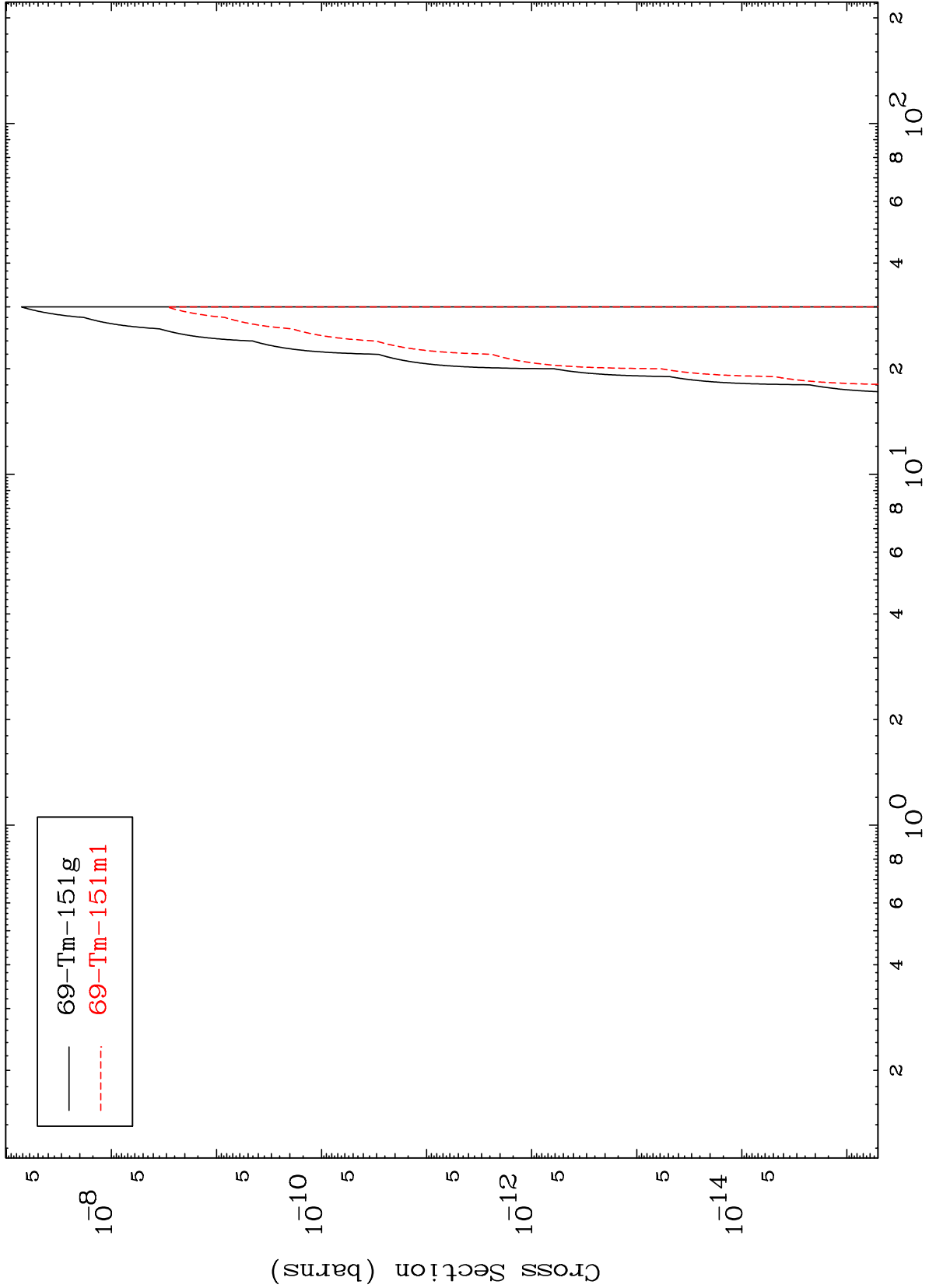
71-Lu-155g
71-Lu-155m1

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($\alpha, 3\alpha$)

73-Ta-159

Radionuclide Production Cross Section



17

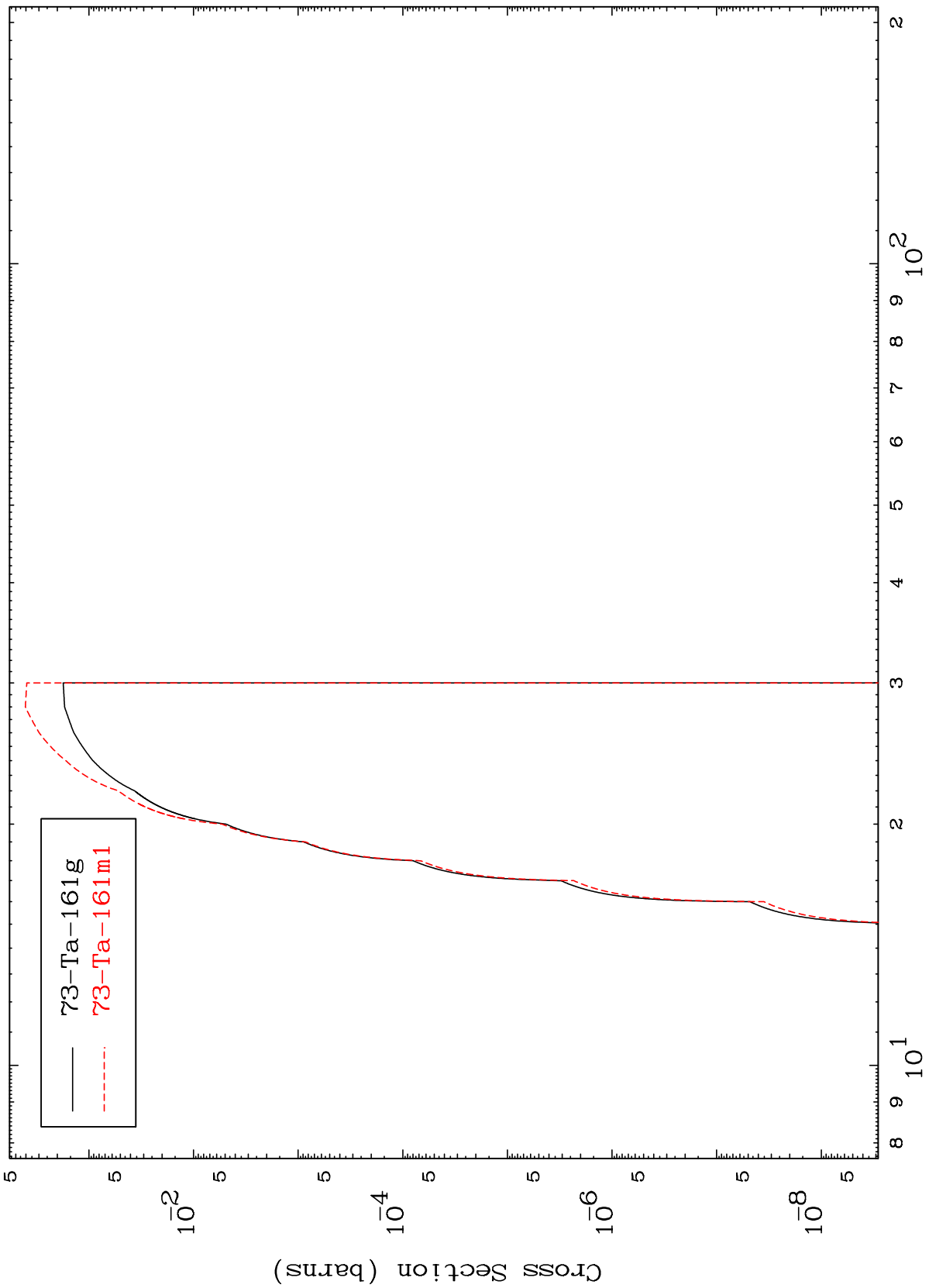
Incident Energy (MeV)

73-Ta-159

MAT 7262

⁷³Ta-159

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



— ⁷³Ta-161g
- - - ⁷³Ta-161m1

⁷³Ta-159

Incident Energy (MeV)

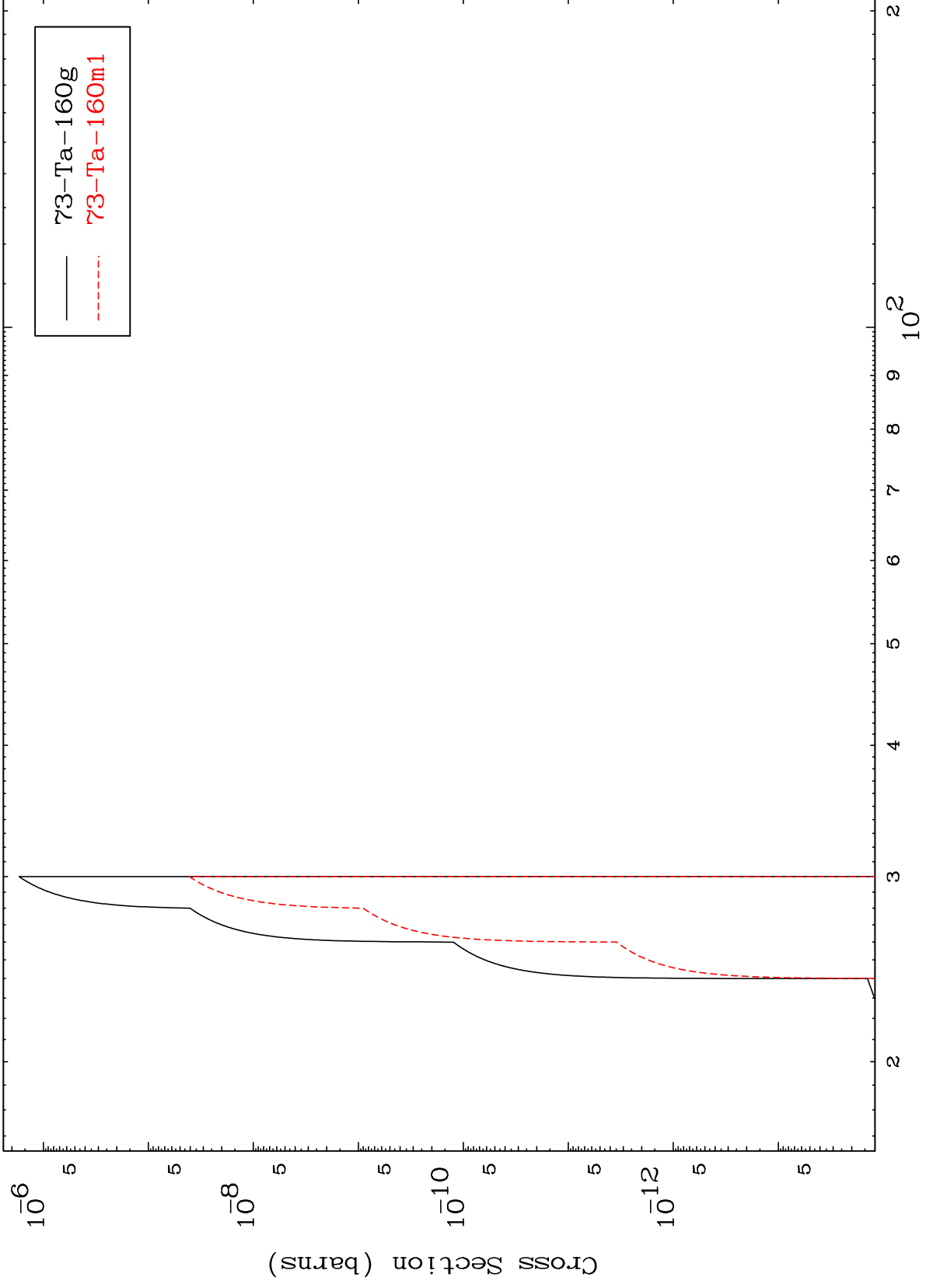
18

MAT 7262

(α, p) d

⁷³Ta-159

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷³Ta-159