

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

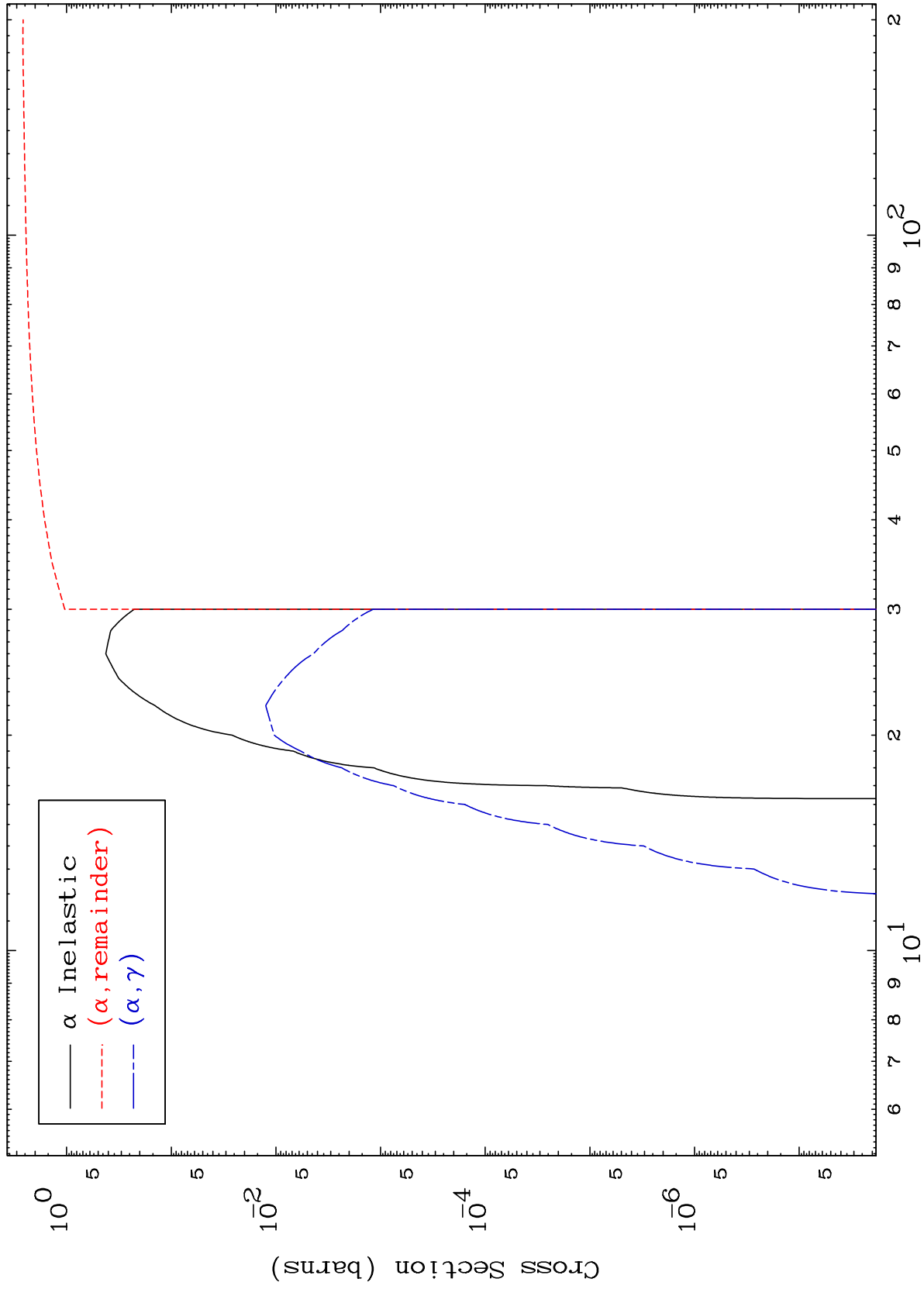
Press Mouse Button to Start

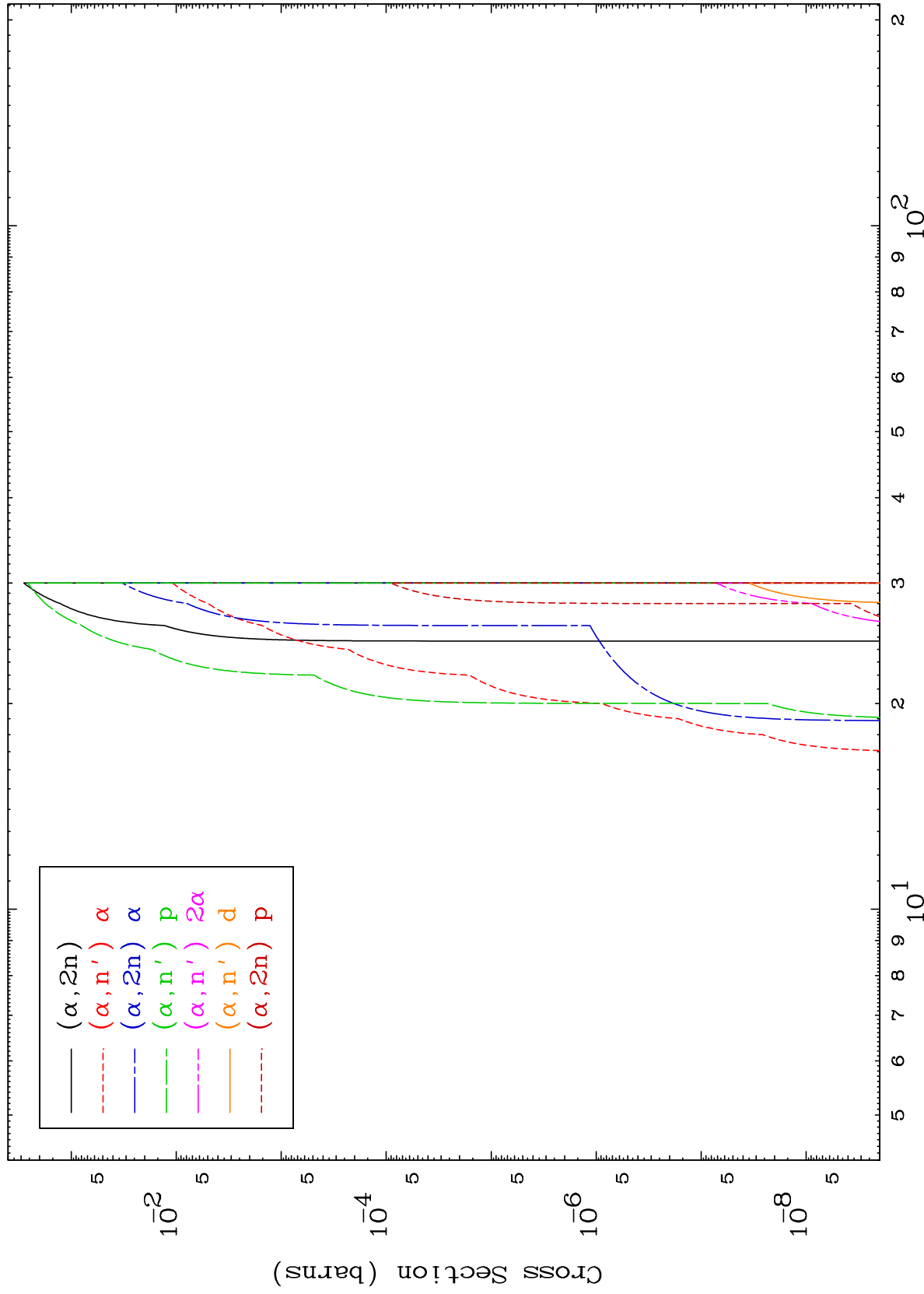
MAT 7883

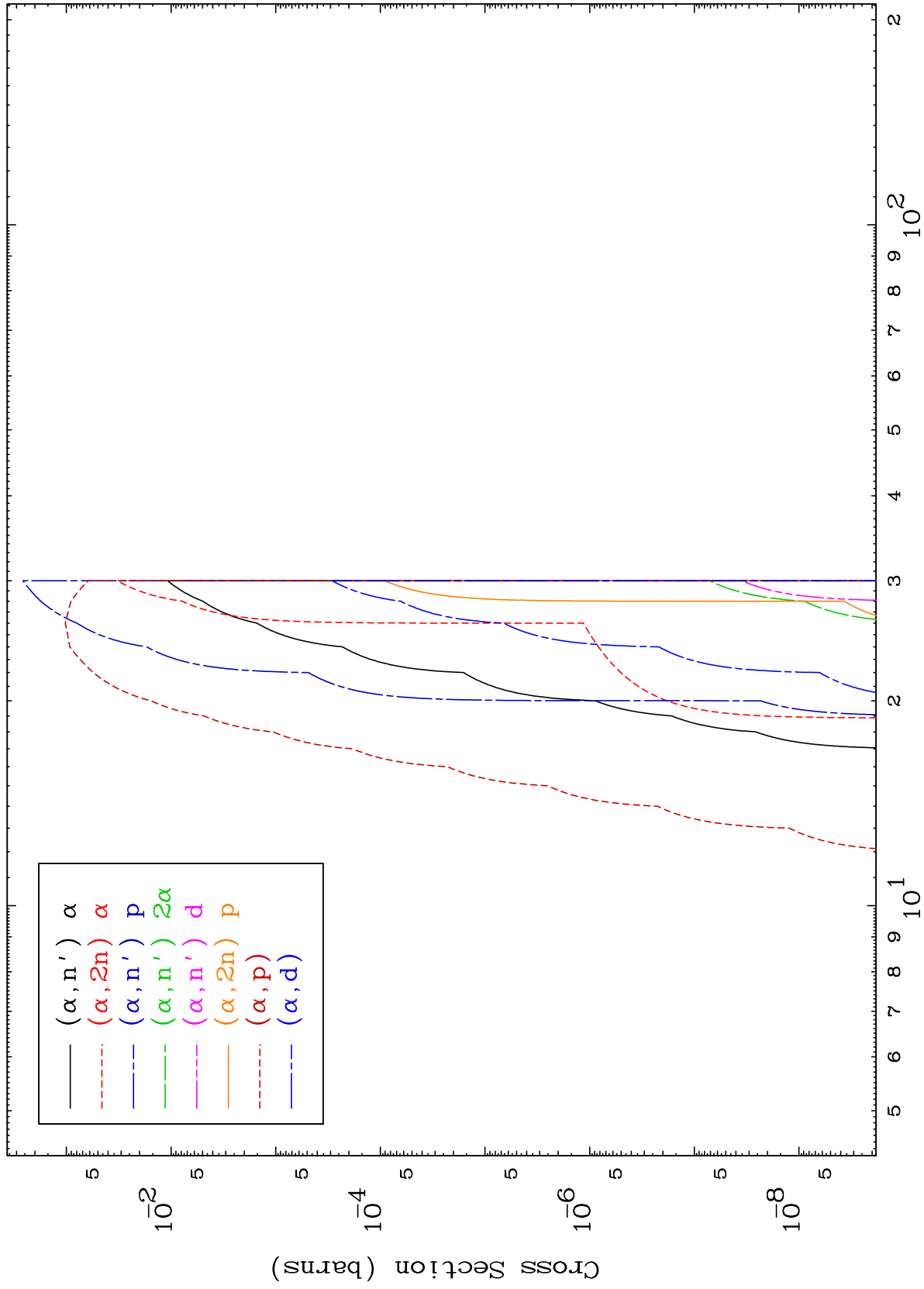
α Major

79-Au-183

0 Kelvin Cross Sections



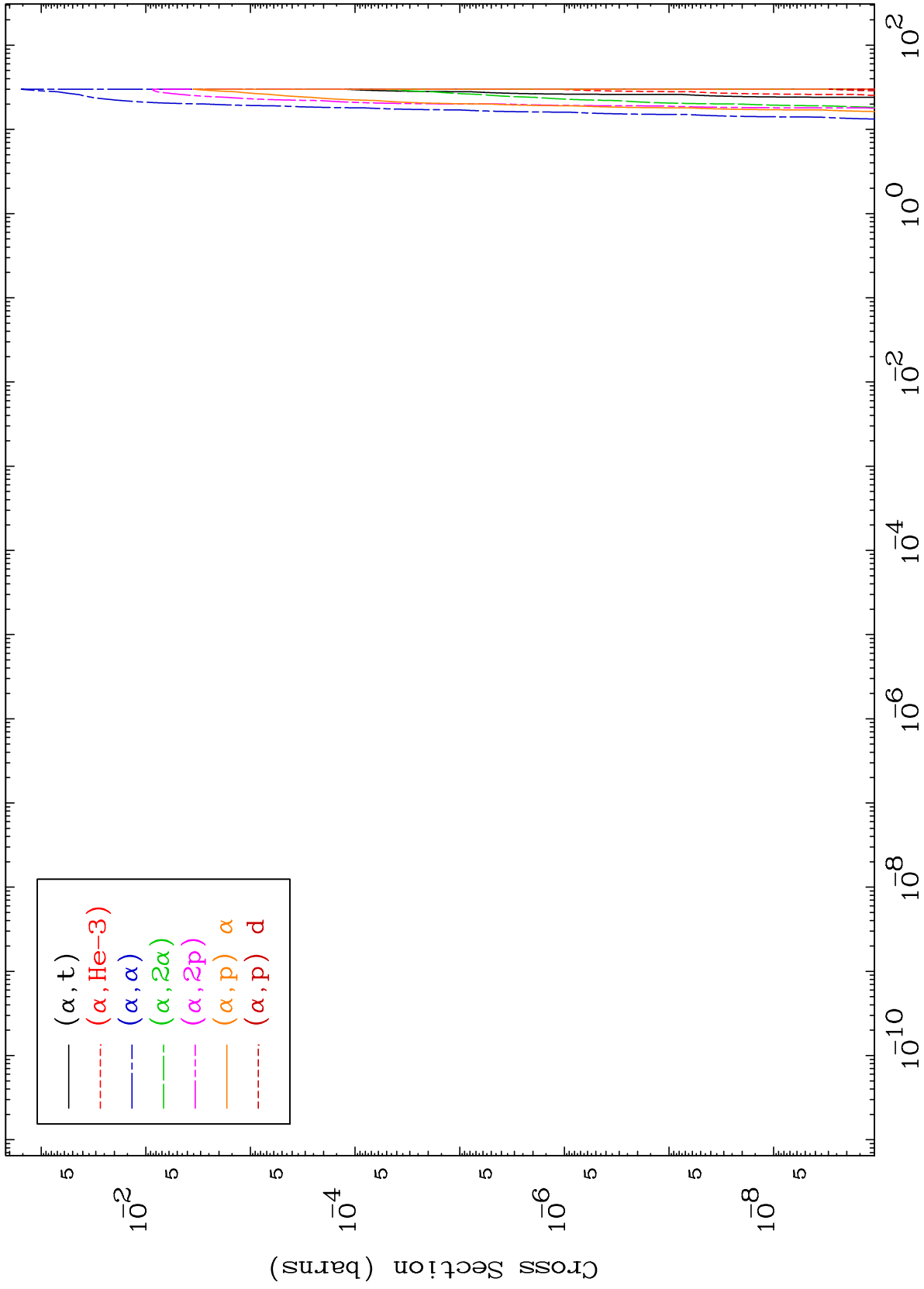




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α Charged Particle
0 Kelvin Cross Sections

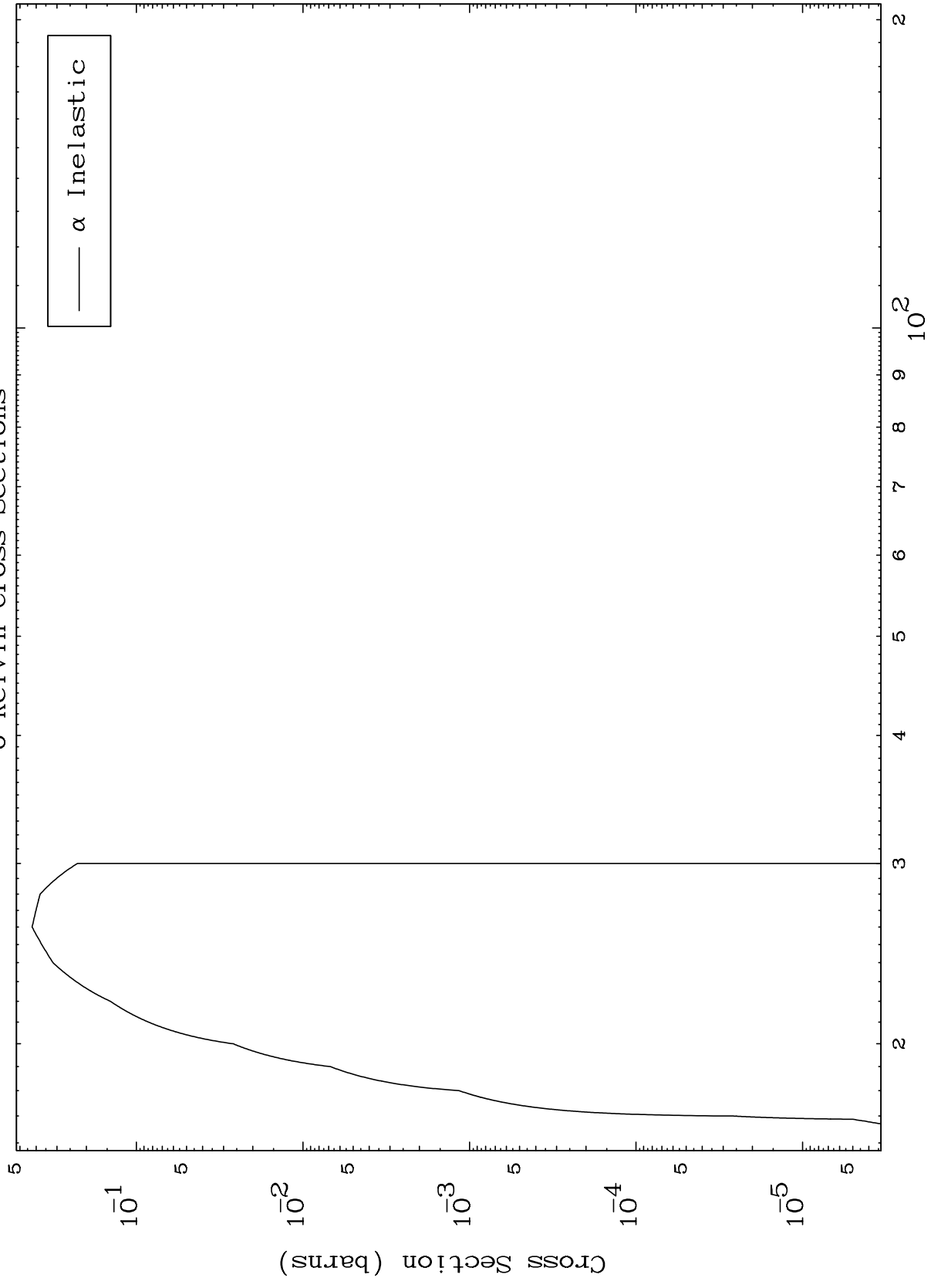
79-Au-183



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(α, n') Level
0 Kelvin Cross Sections

79-Au-183



5

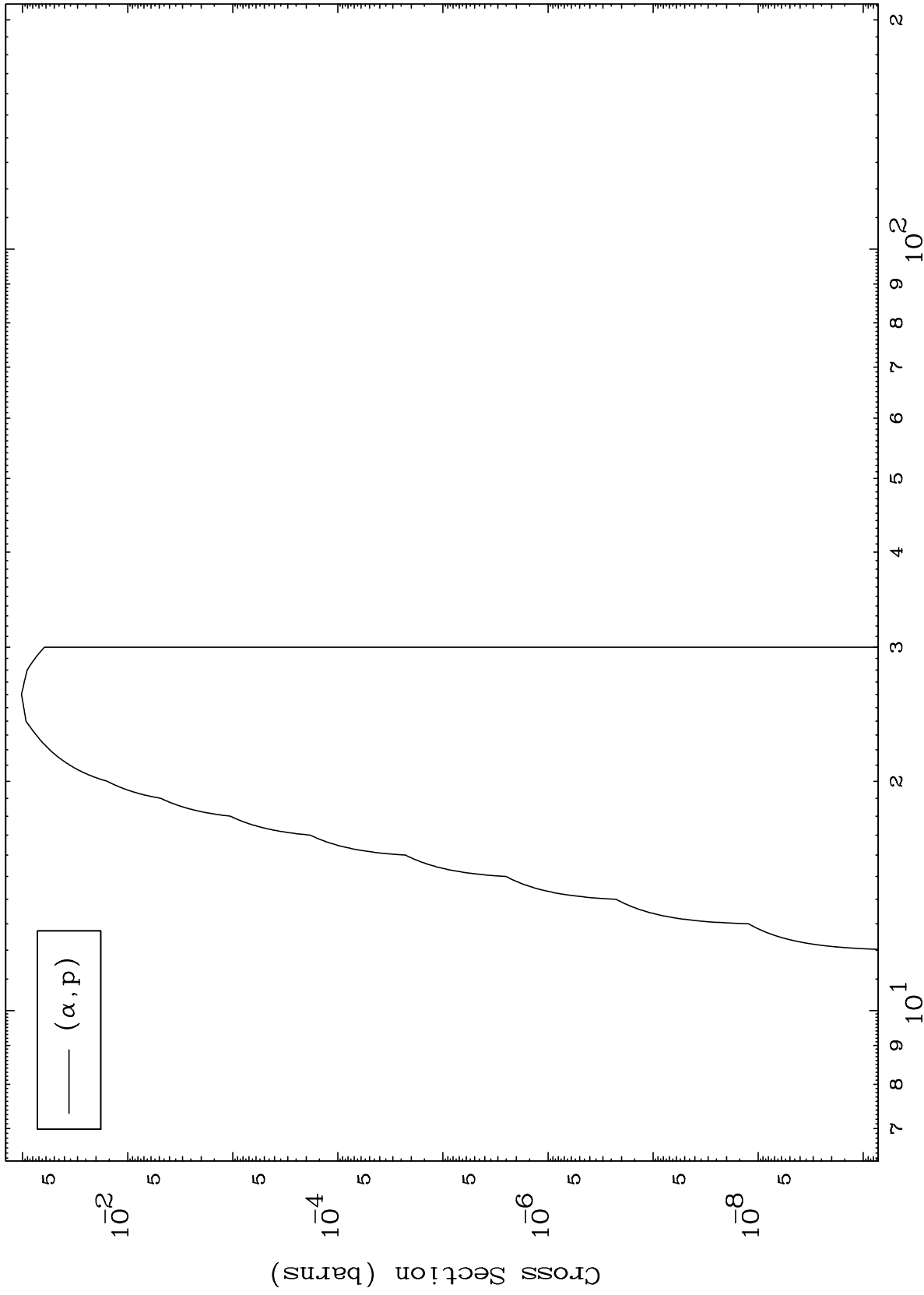
Incident Energy (MeV)

79-Au-183

MAT 7883

(α, p) Levels
0 Kelvin Cross Sections

⁷⁹Au-183



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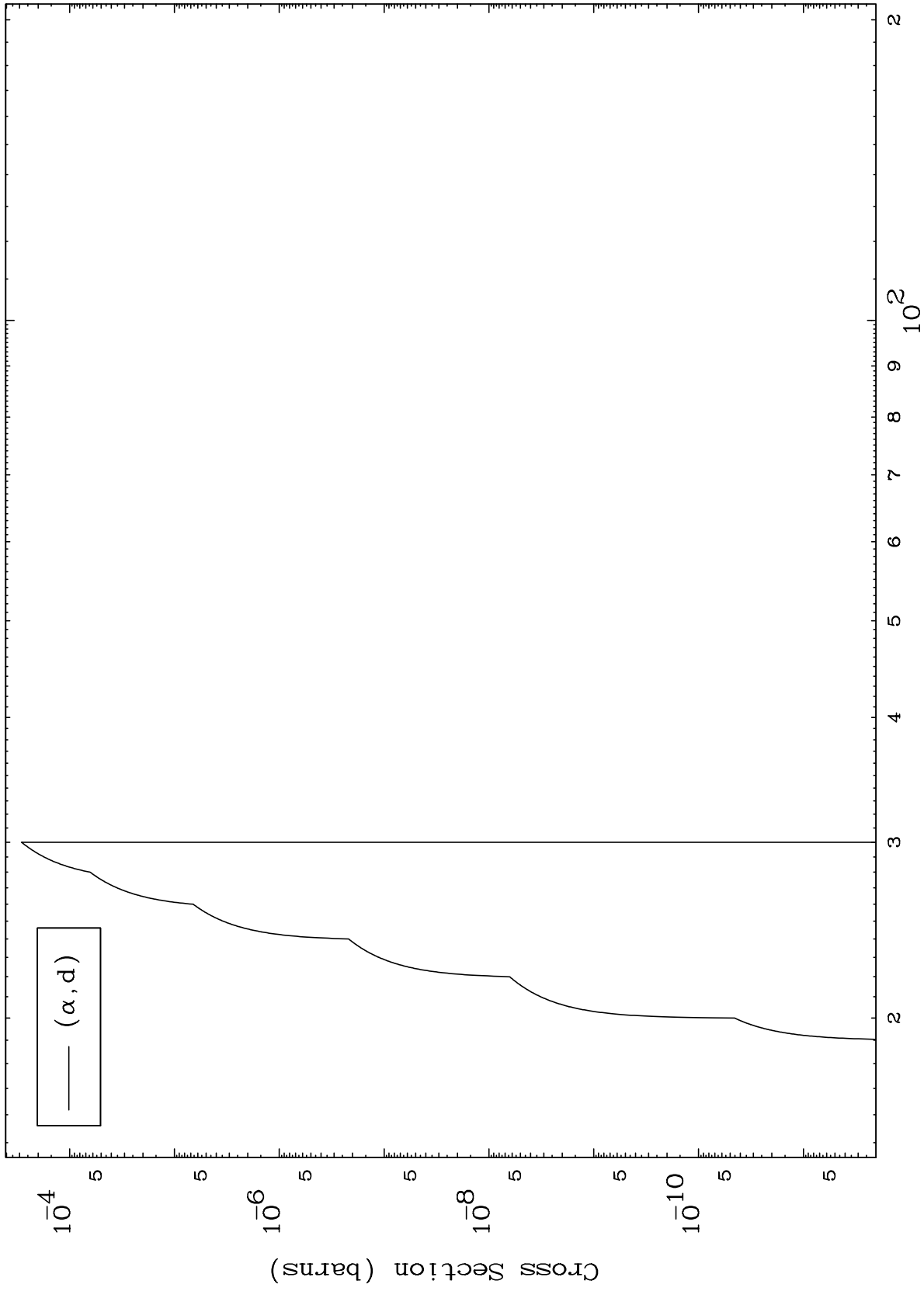
Incident Energy (MeV)

⁷⁹Au-183

MAT 7883

(α, d) Levels
0 Kelvin Cross Sections

79-Au-183



7

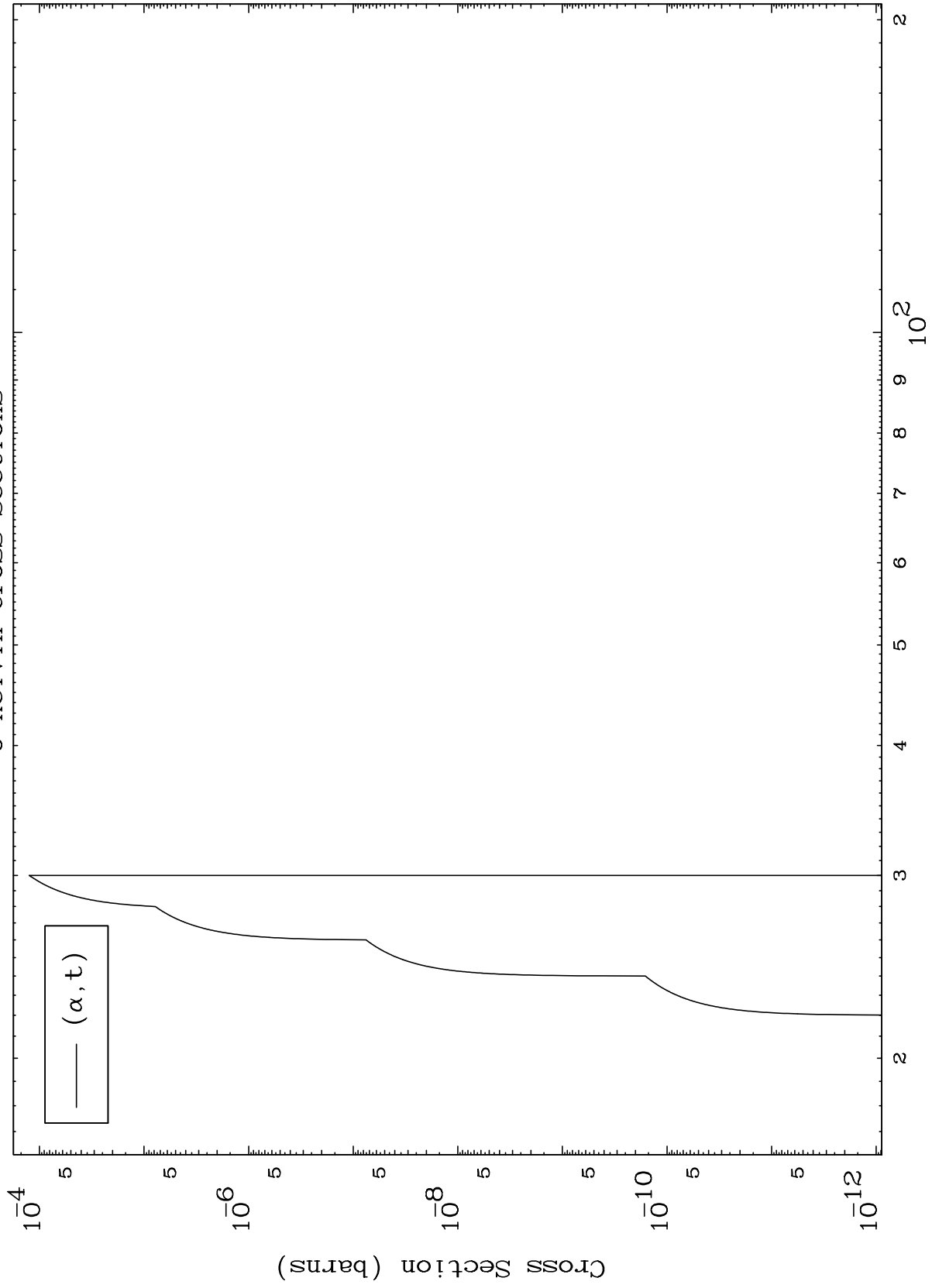
Incident Energy (MeV)

79-Au-183

MAT 7883

(α, t) Levels
0 Kelvin Cross Sections

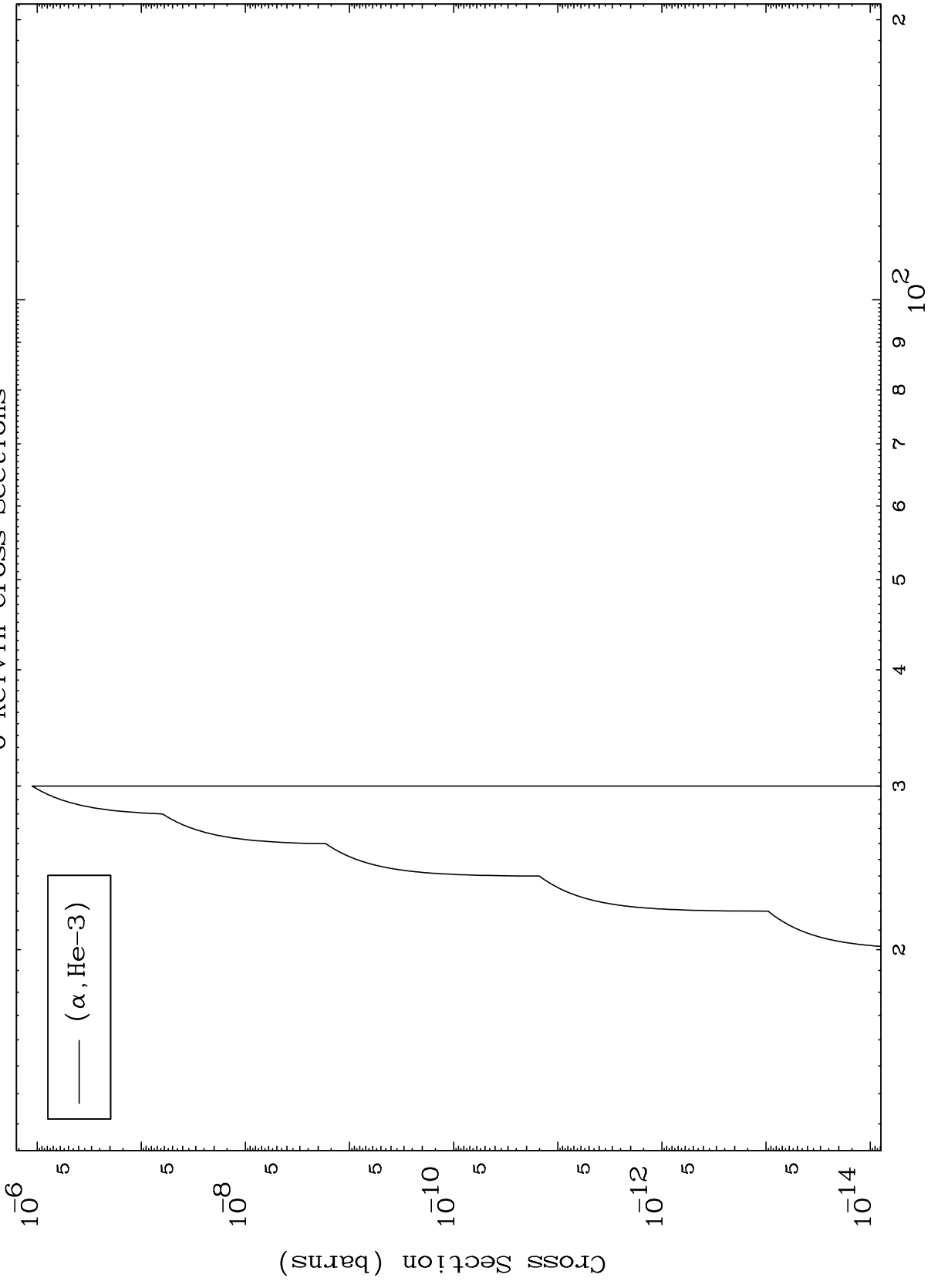
79-Au-183



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Incident Energy (MeV)

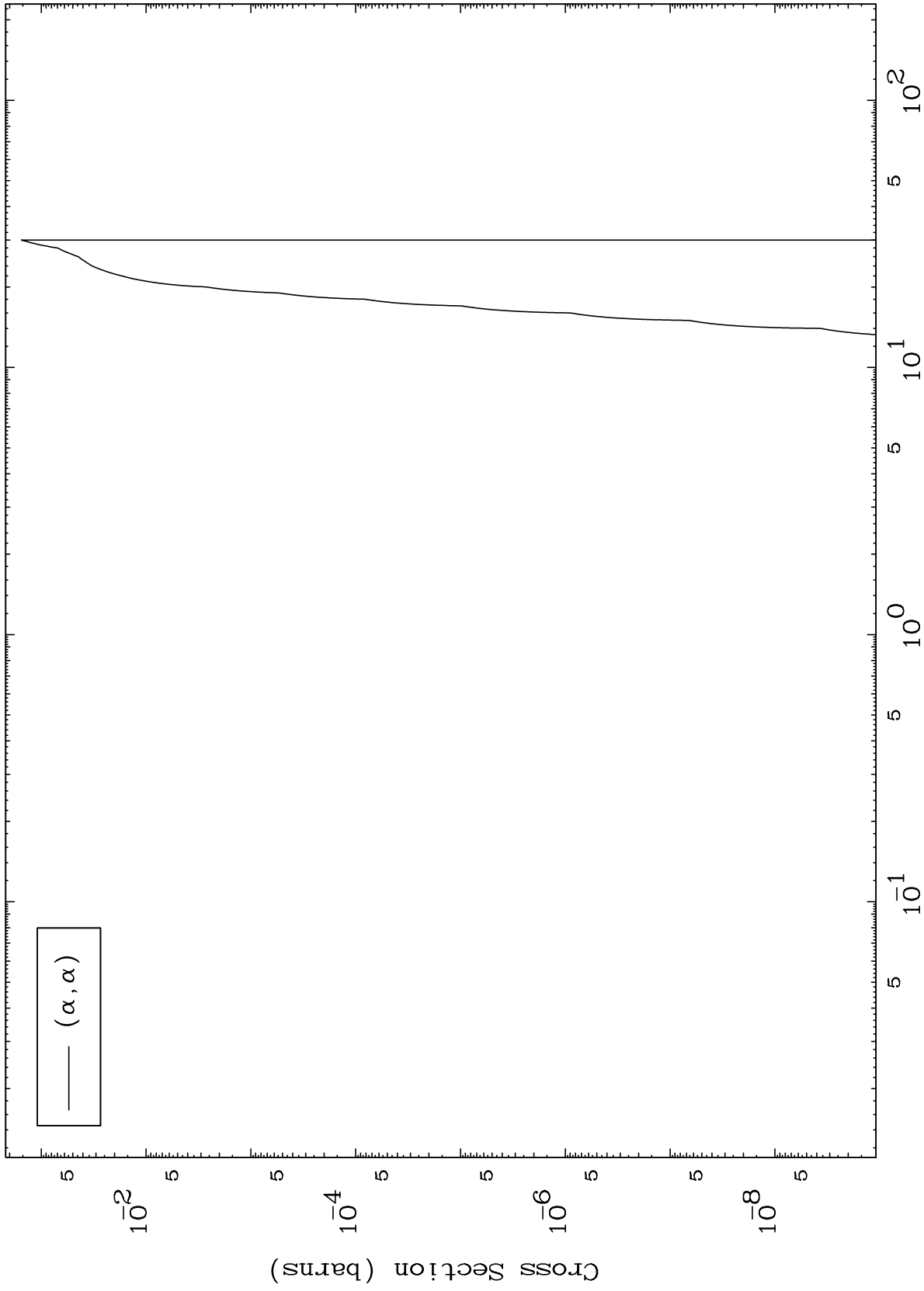
79-Au-183



MAT 7883

(α, α) Levels
0 Kelvin Cross Sections

79-Au-183

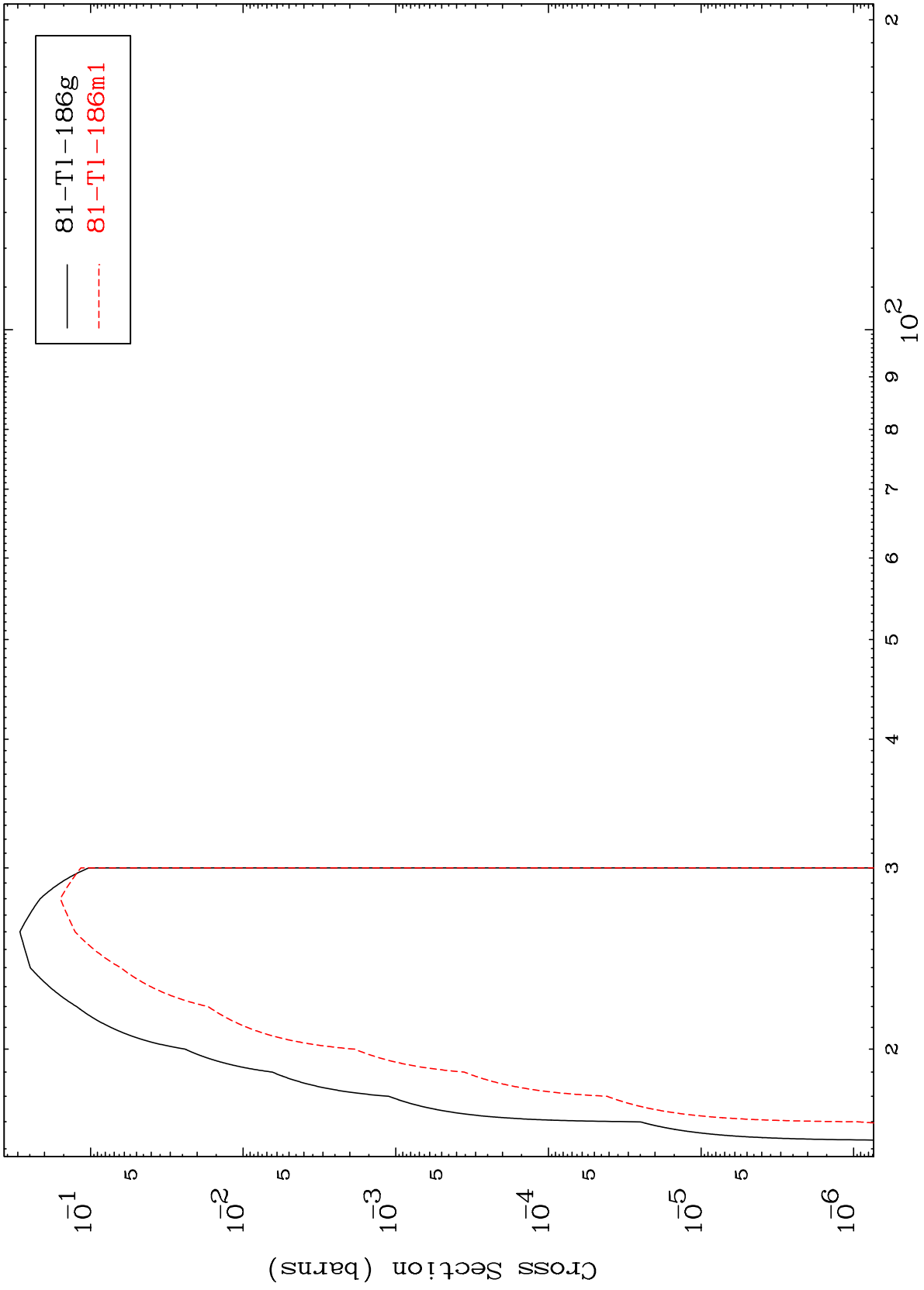


10

Incident Energy (MeV)

79-Au-183

Radionuclide Production Cross Section

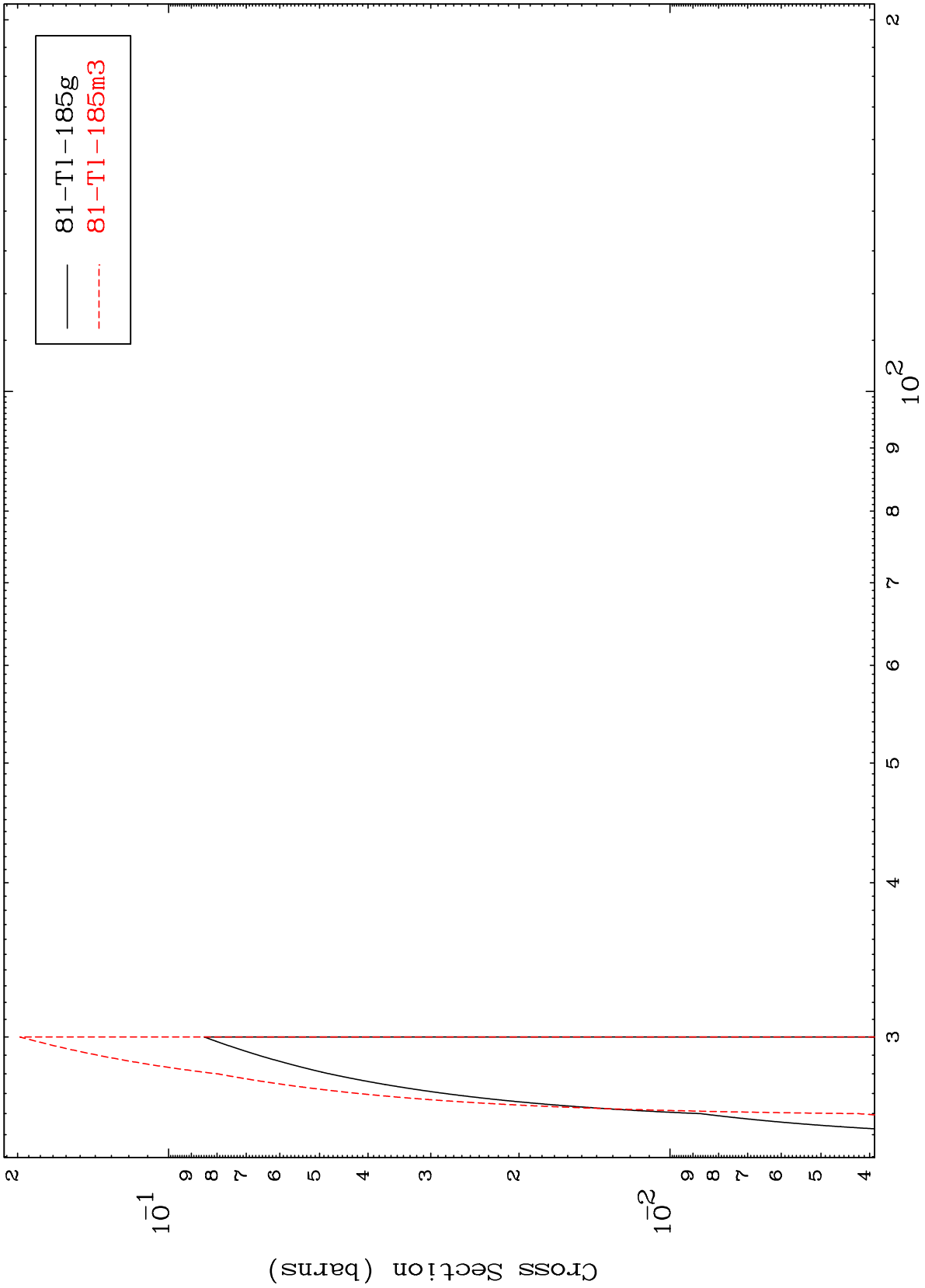


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($\alpha, 2n$)

79-Au-183

Radionuclide Production Cross Section



12

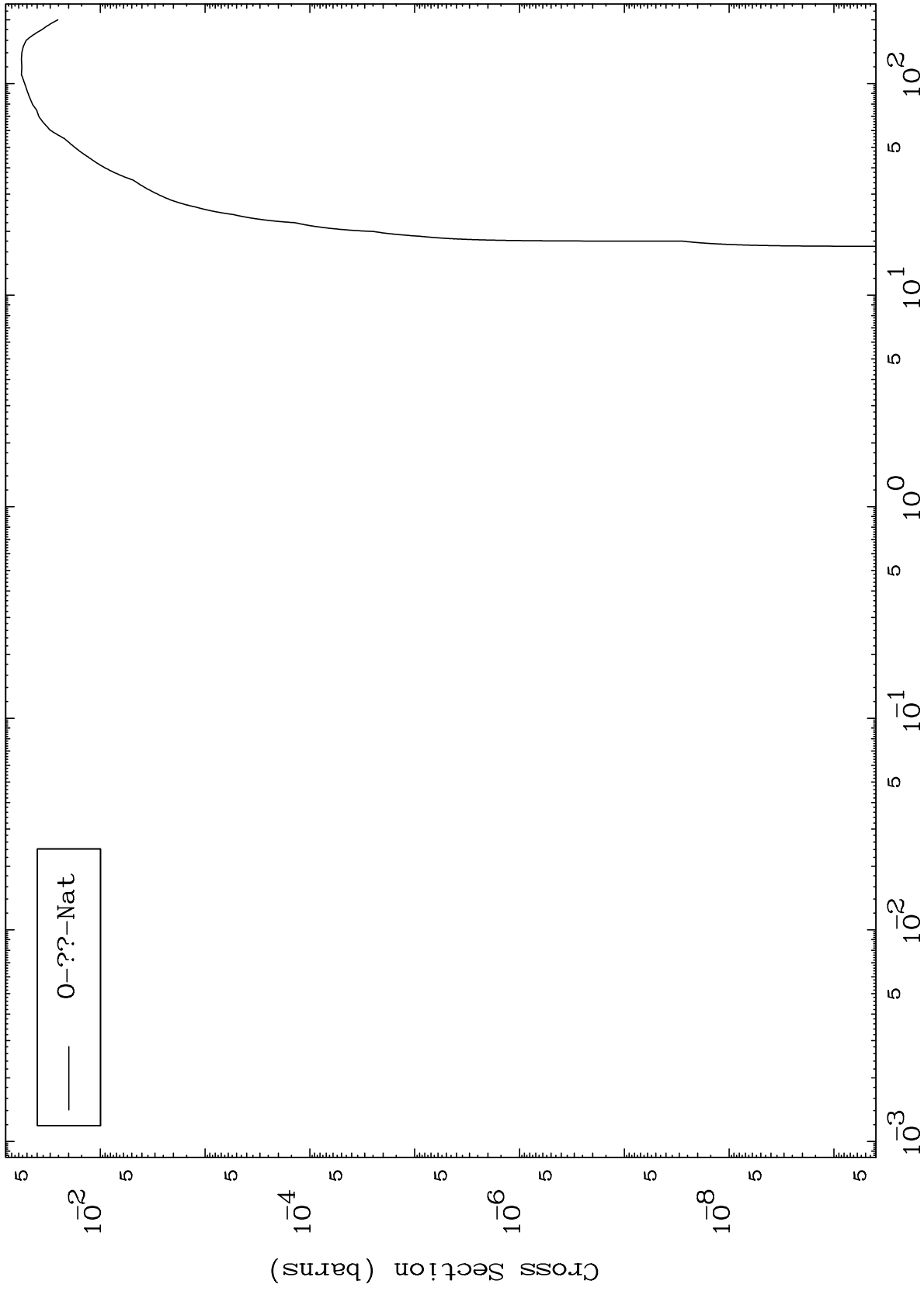
Incident Energy (MeV)

79-Au-183

MAT 7883

α Fission
Radionuclide Production Cross Section

79-Au-183



13

Incident Energy (MeV)

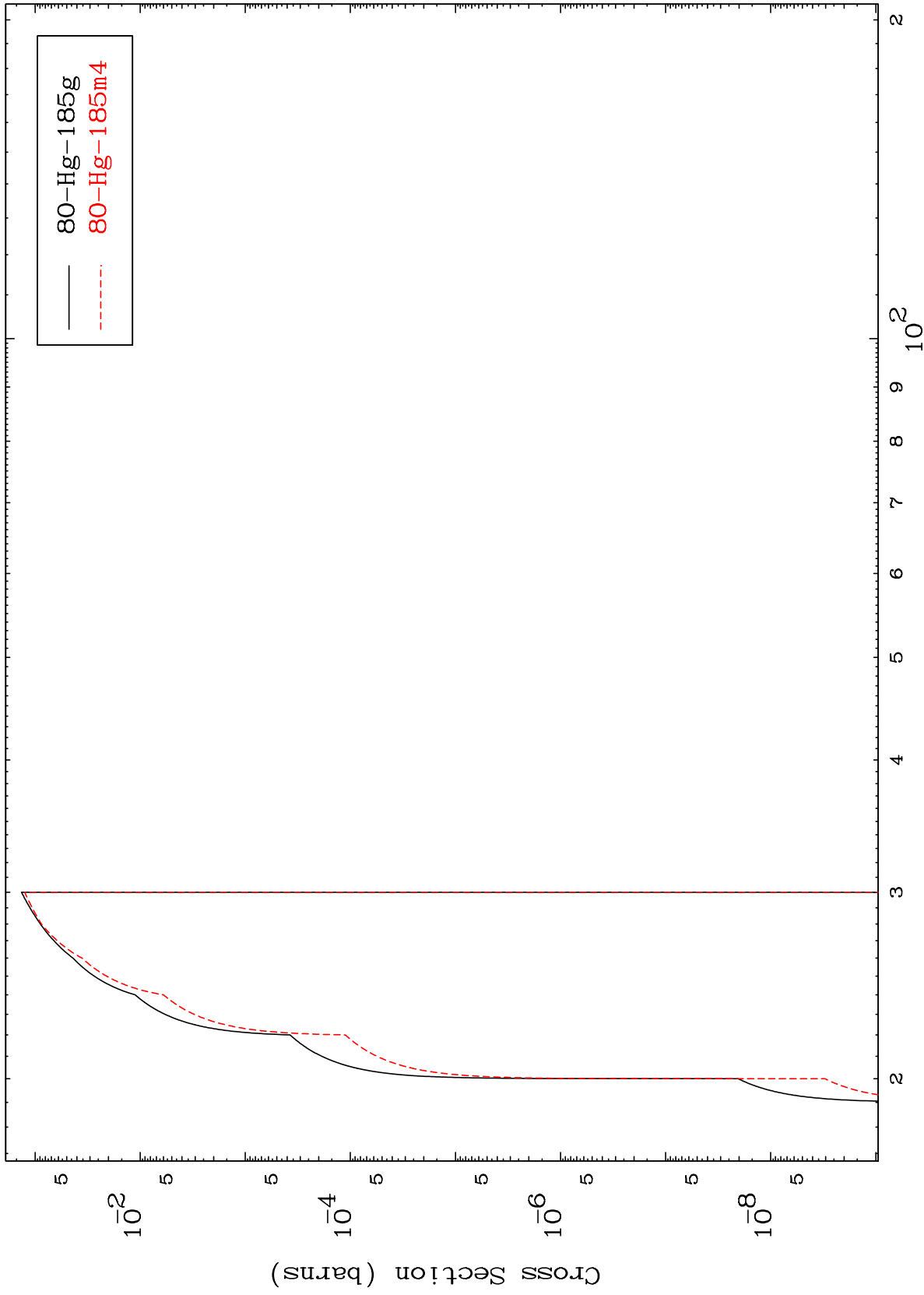
79-Au-183

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(α, n') p

79-Au-183

Radionuclide Production Cross Section



14

Incident Energy (MeV)

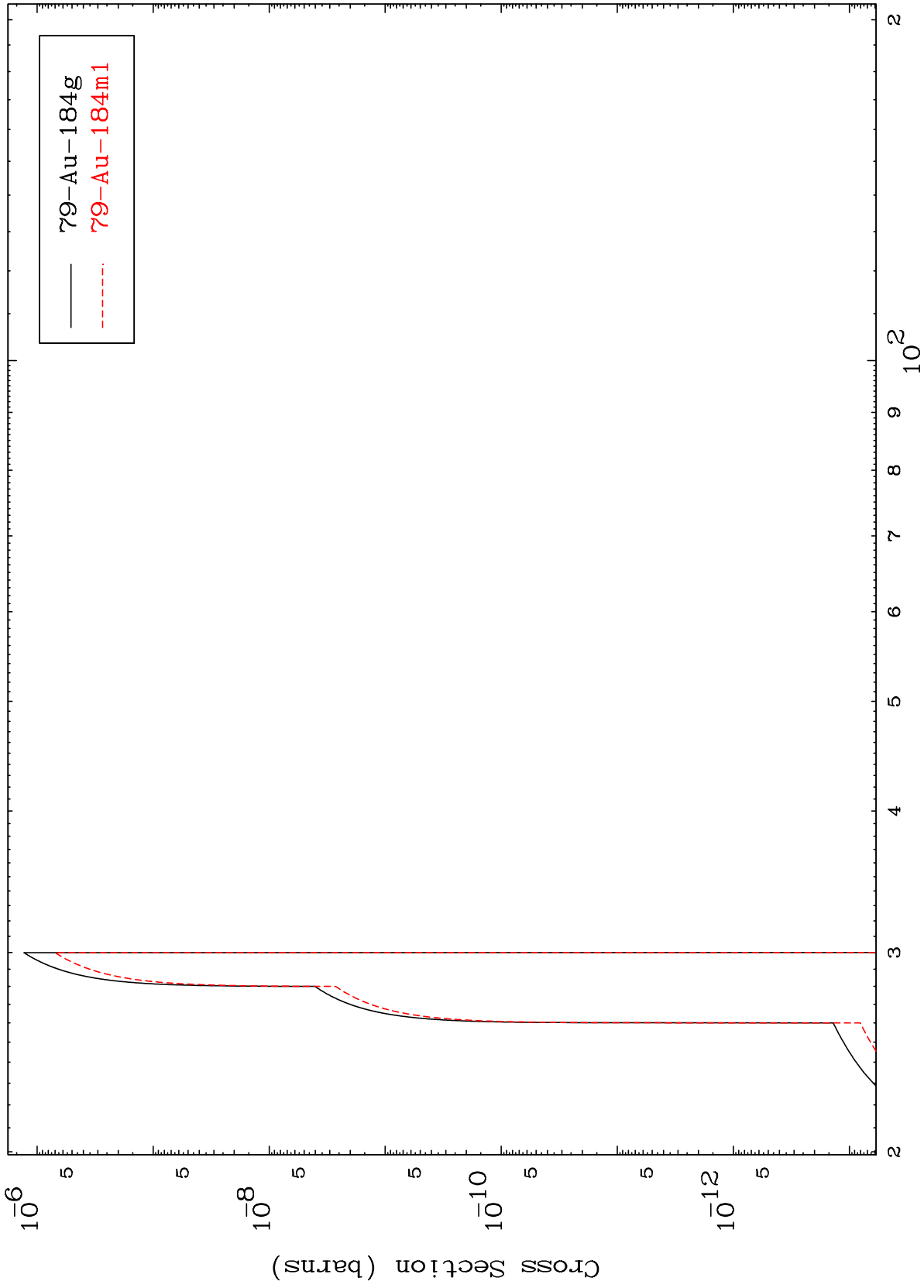
79-Au-183

MAT 7883

$(\alpha, 2n)$ p

$^{79}\text{Au-183}$

Radionuclide Production Cross Section



15

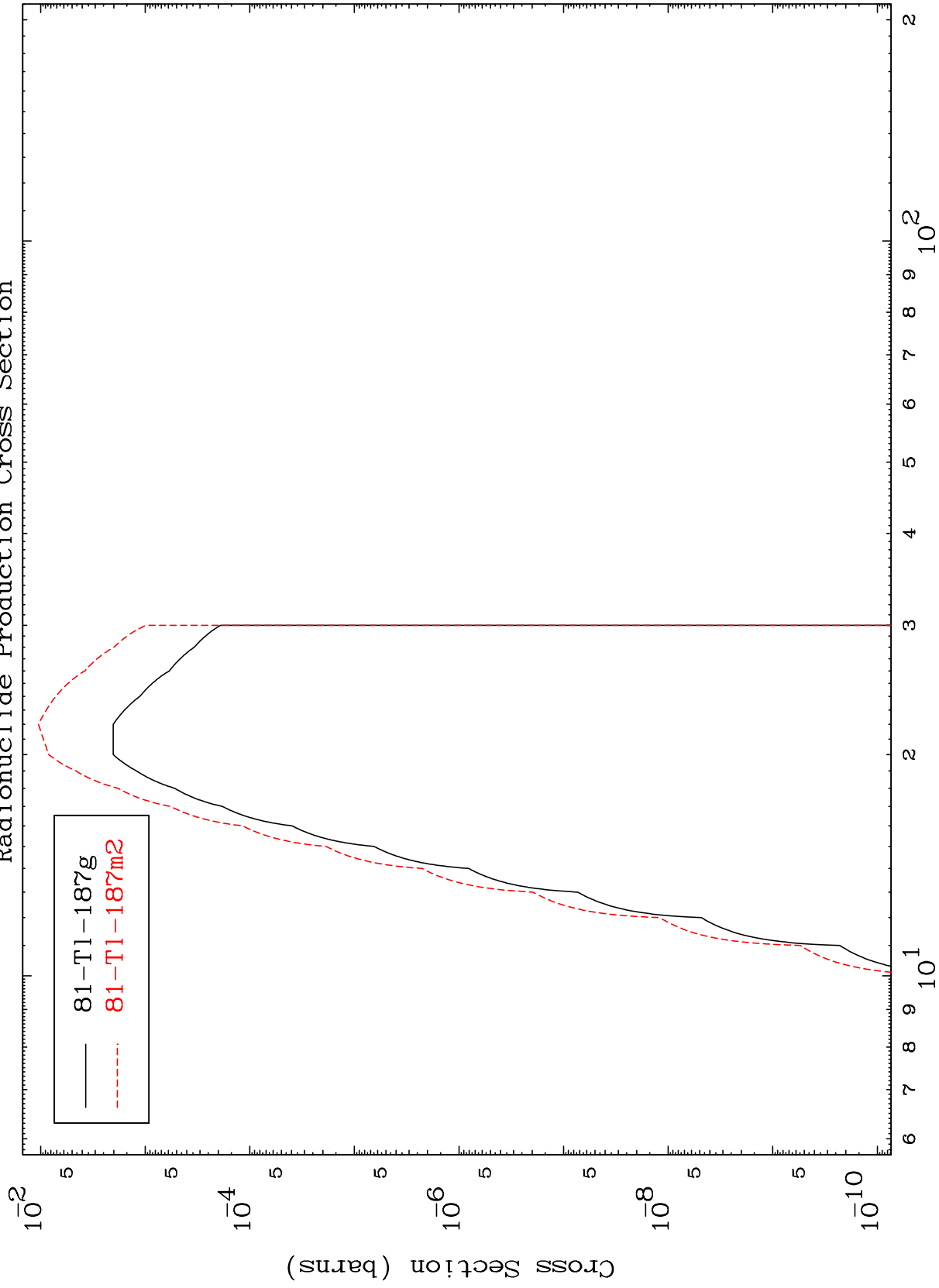
Incident Energy (MeV)

$^{79}\text{Au-183}$

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79-Au-183

Radionuclide Production Cross Section
(α, γ)



16

Incident Energy (MeV)

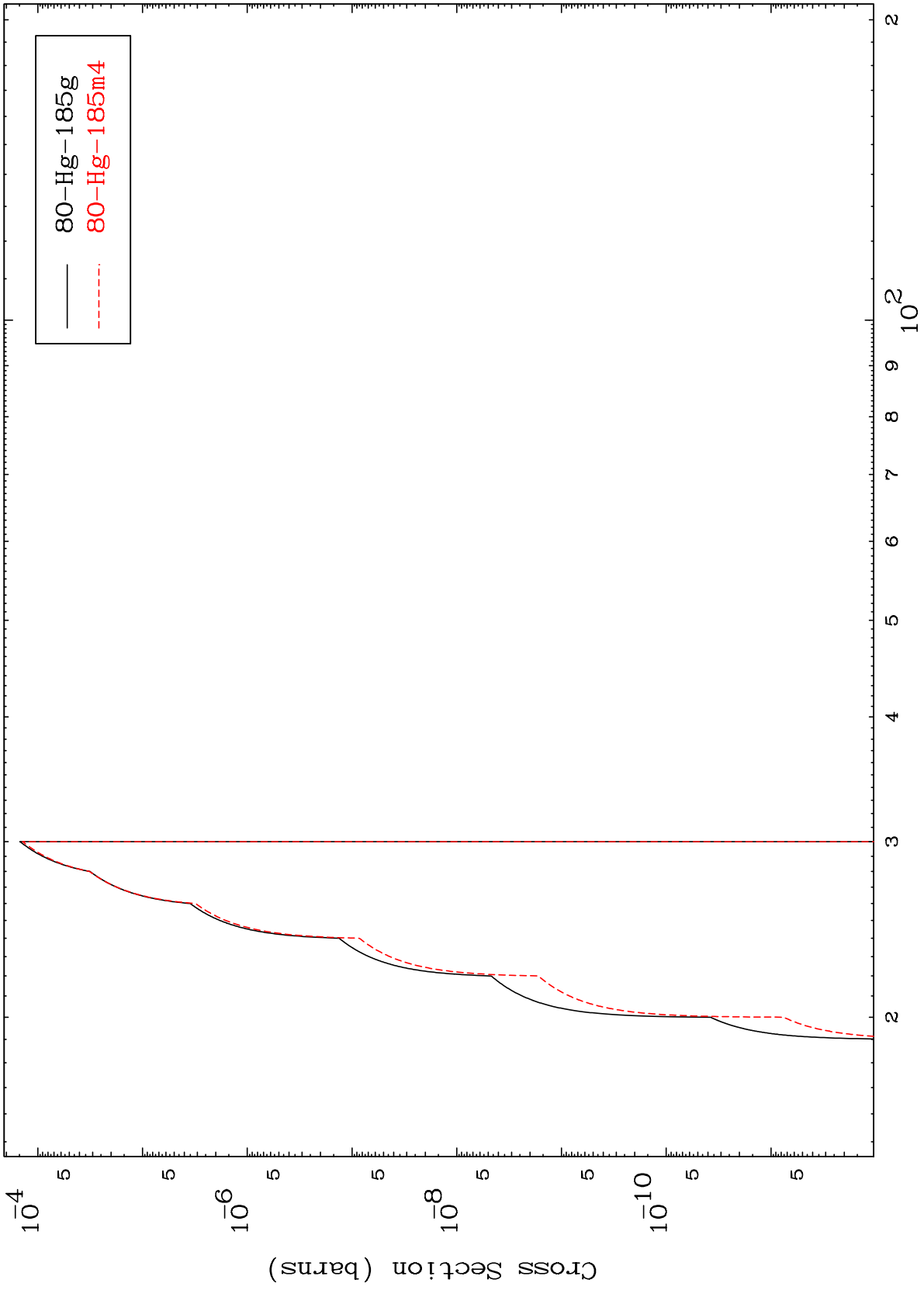
79-Au-183

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(α, d)

⁷⁹Au-183

Radionuclide Production Cross Section



17

Incident Energy (MeV)

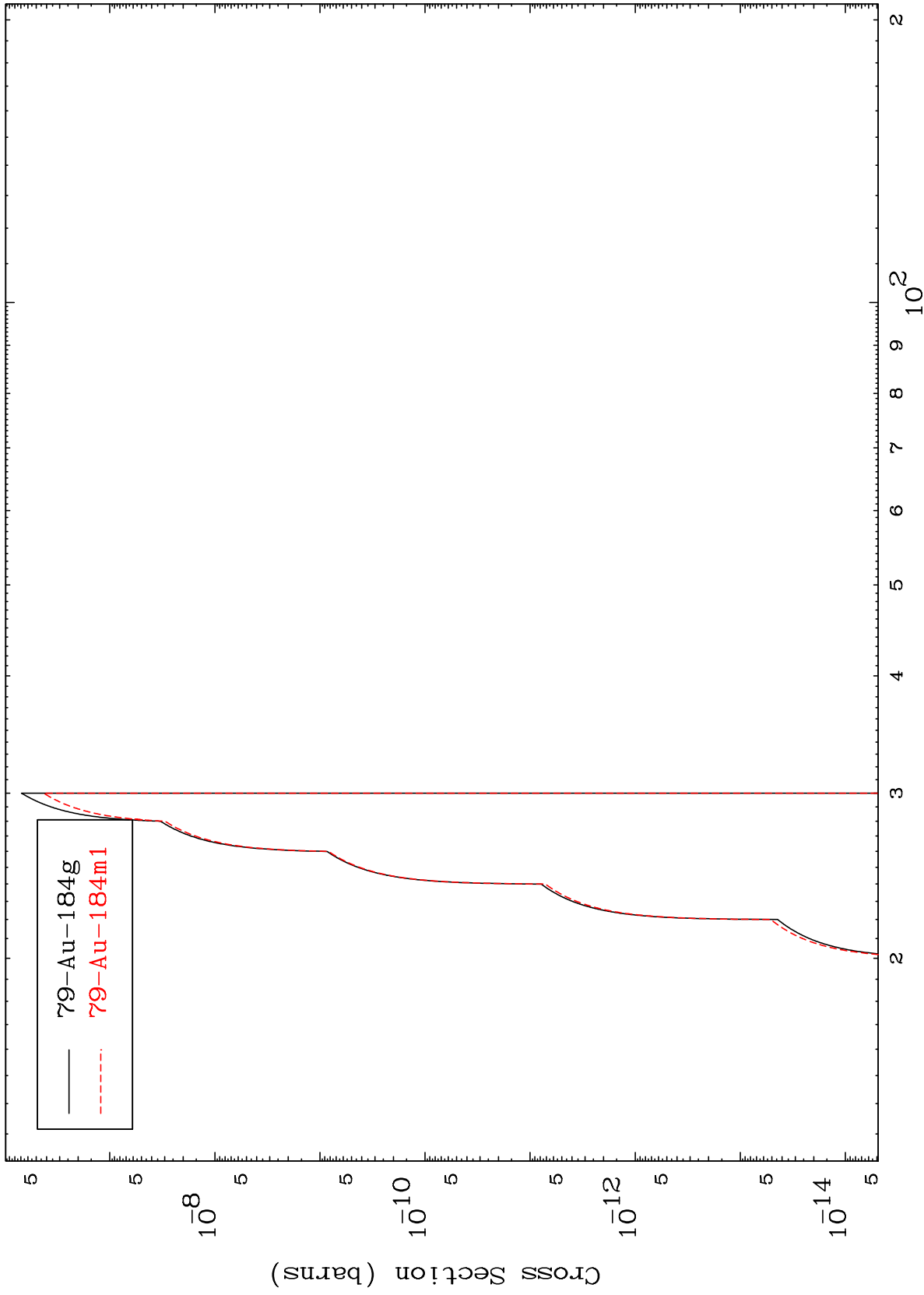
⁷⁹Au-183

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(α , He-3)

⁷⁹Au-183

Radionuclide Production Cross Section



18

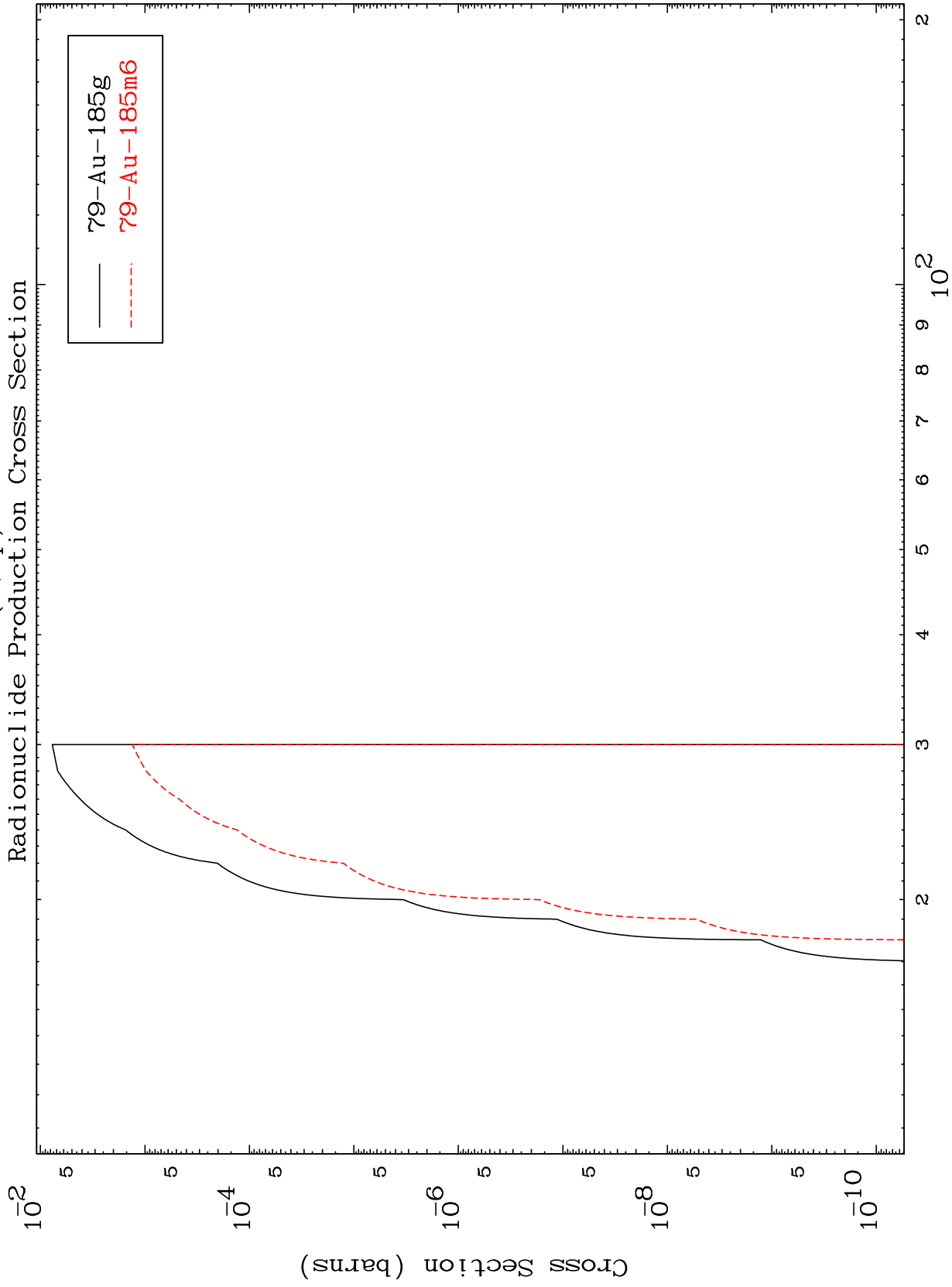
Incident Energy (MeV)

⁷⁹Au-183

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⁷⁹Au-183

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



19

⁷⁹Au-183

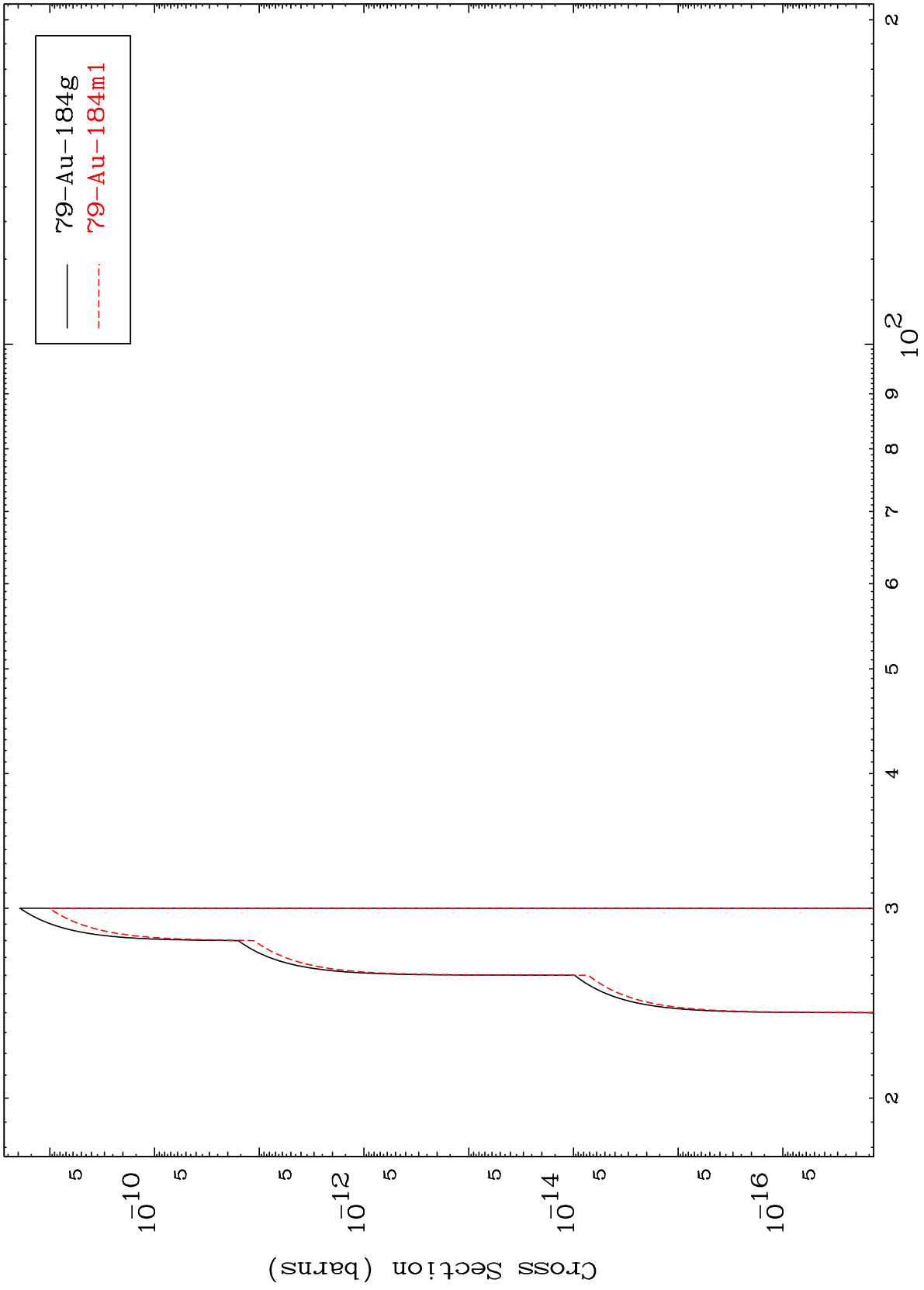
Incident Energy (MeV)

MAT 7883

(α, p) d

⁷⁹Au-183

Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷⁹Au-183