

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

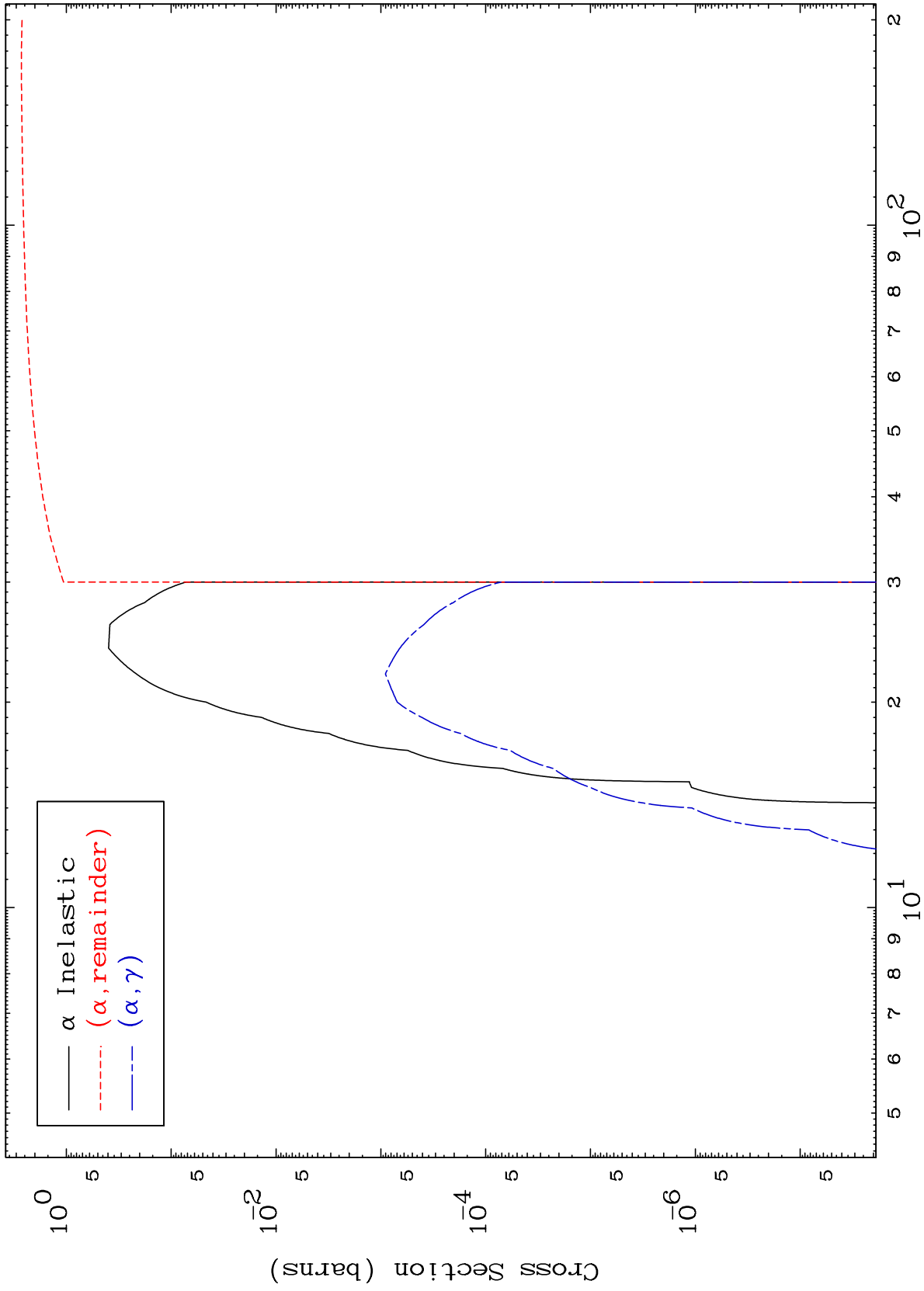
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

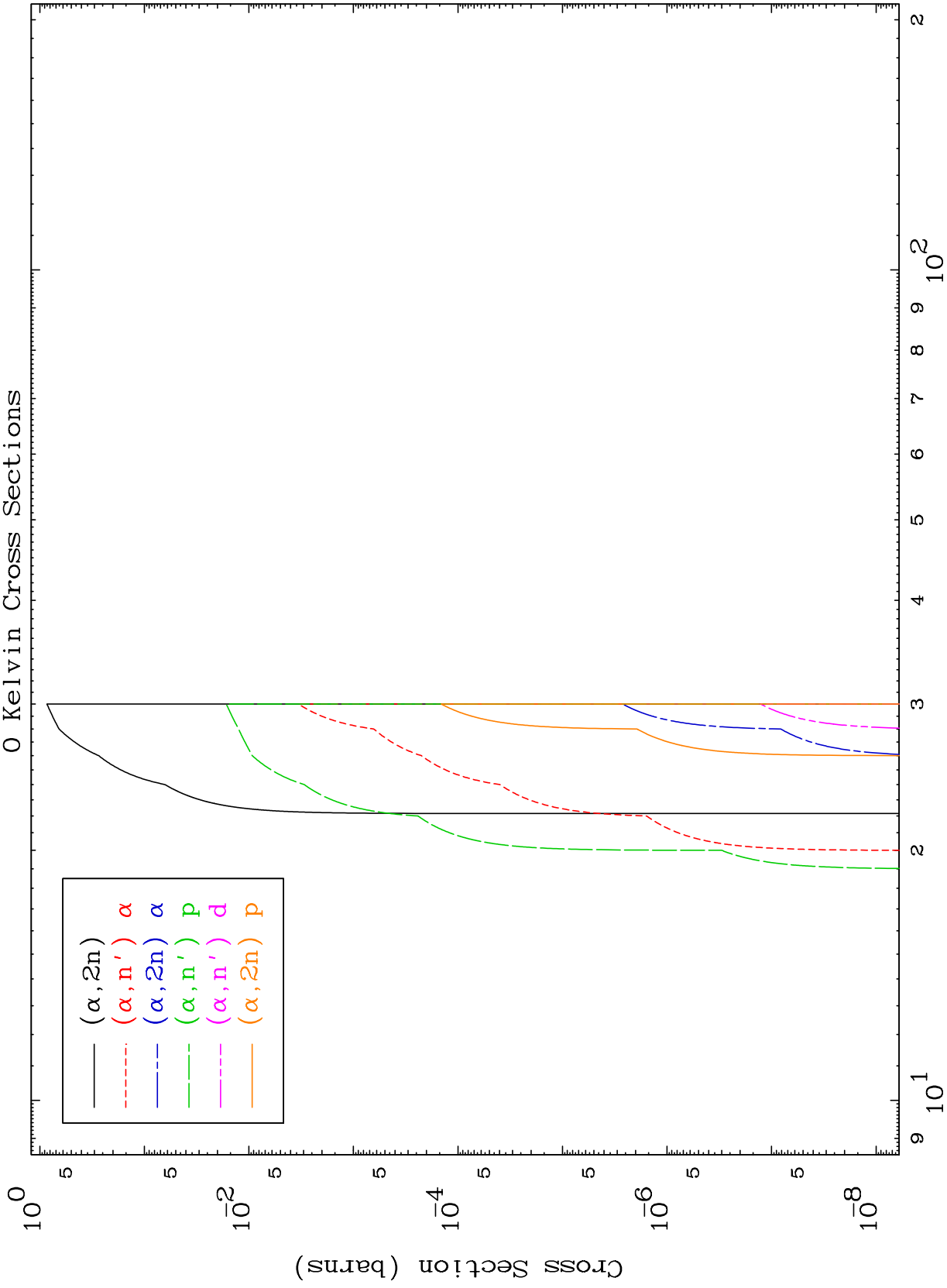
Press Mouse Button to Start



MAT 8102

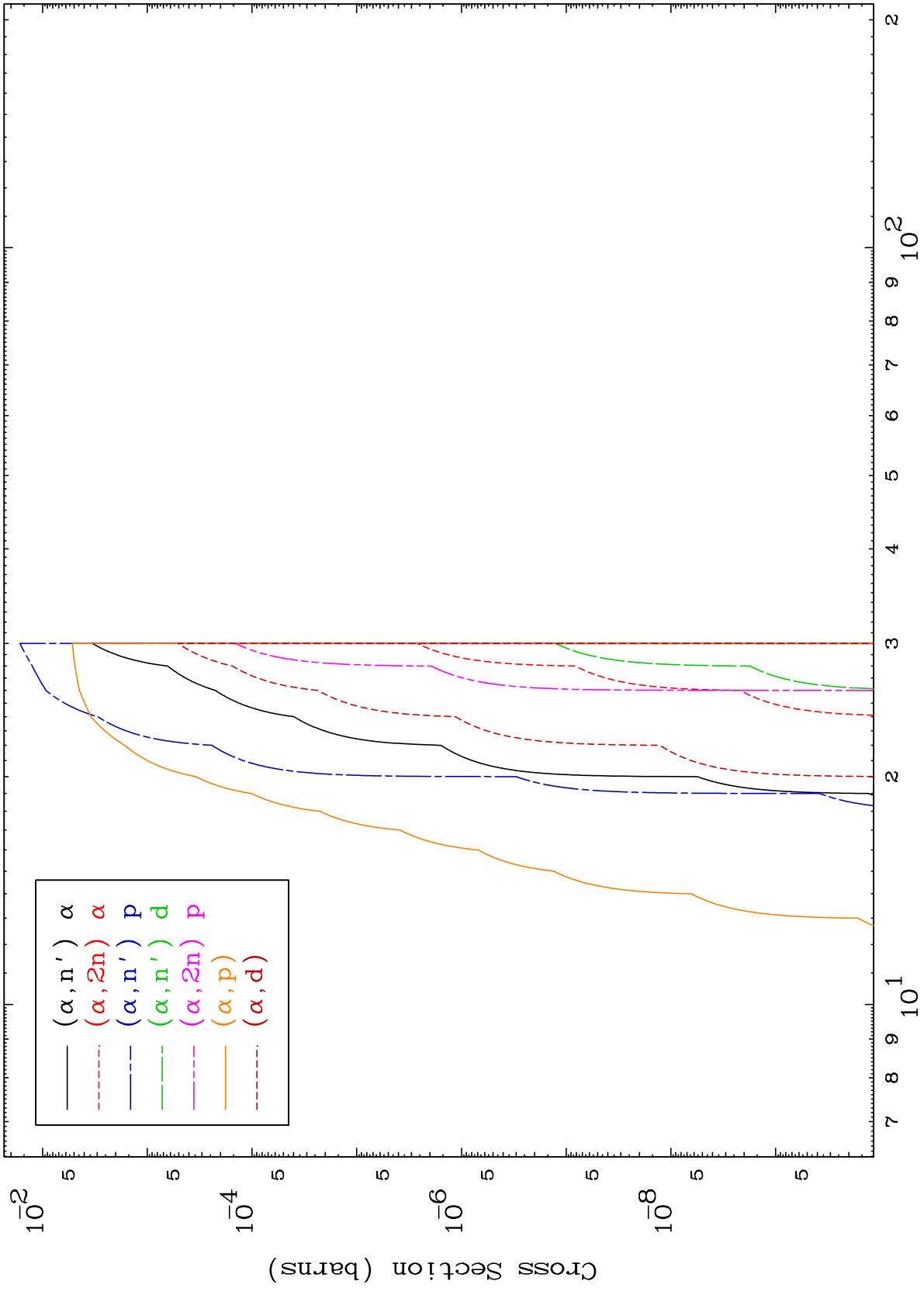
α Neutron Production
0 Kelvin Cross Sections

81-Tl-195



Incident Energy (MeV)

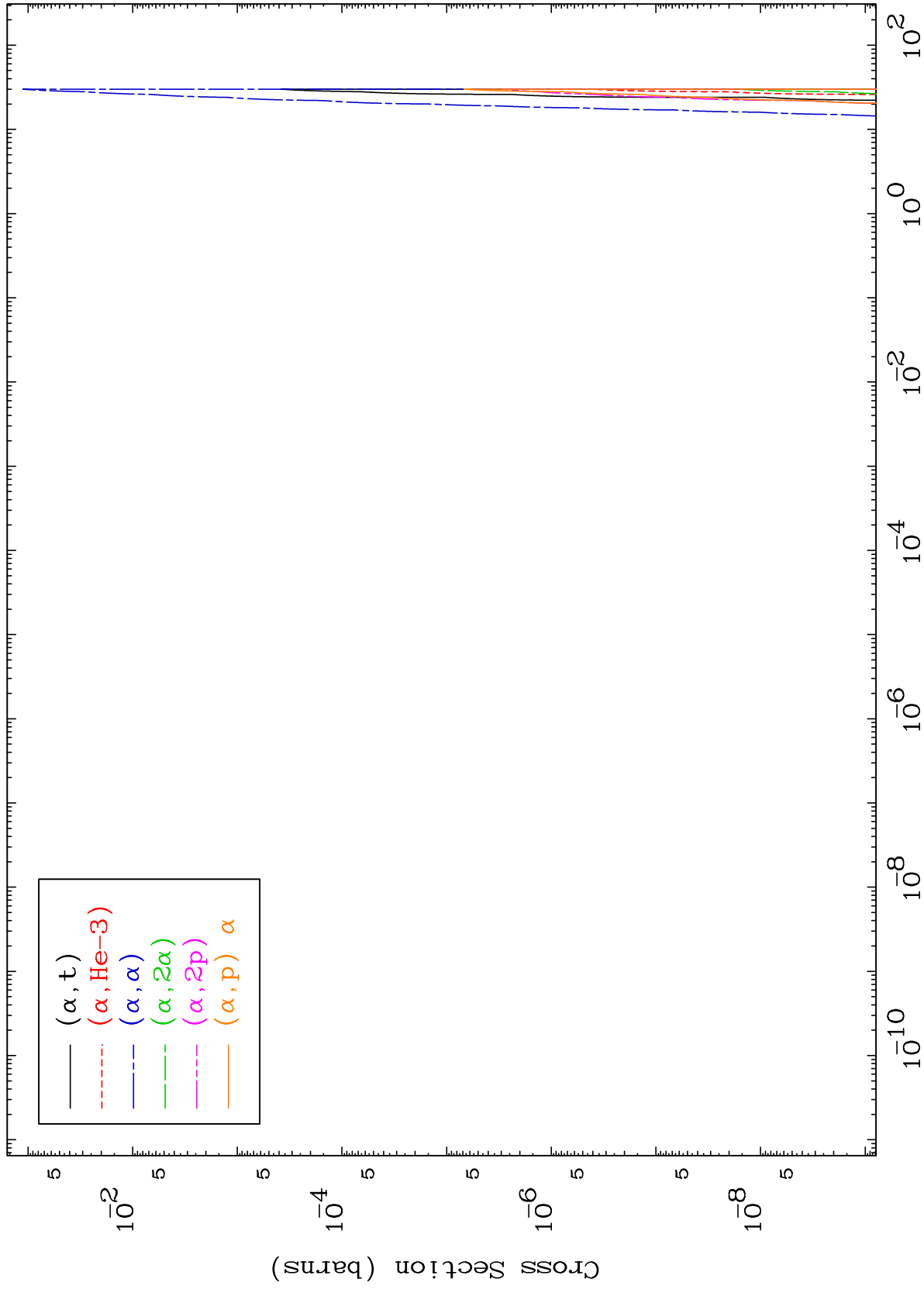
81-Tl-195



MAT 8102

α Charged Particle
0 Kelvin Cross Sections

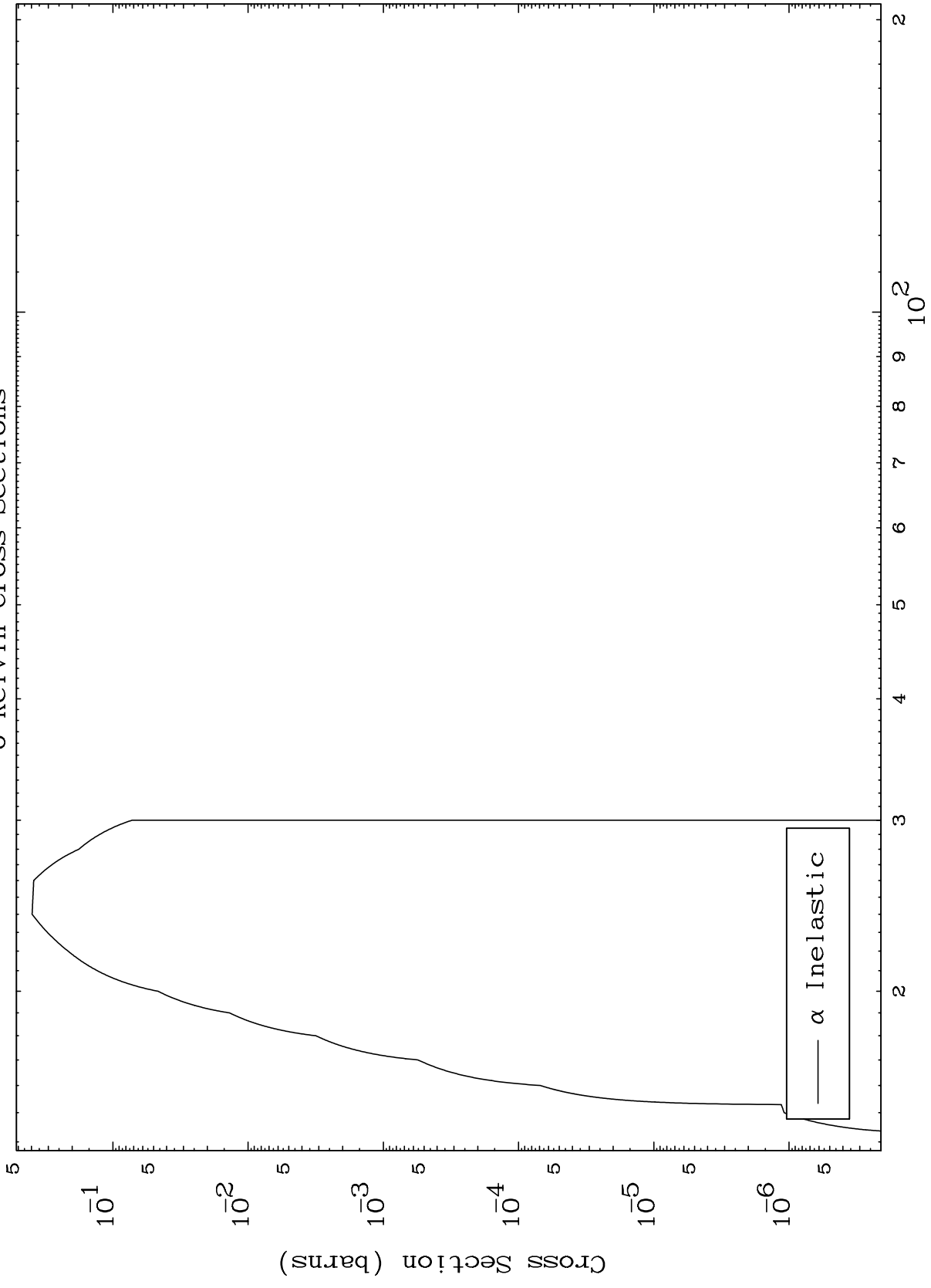
81-Tl-195



MAT 8102

(α, n') Level
0 Kelvin Cross Sections

81-T1-195



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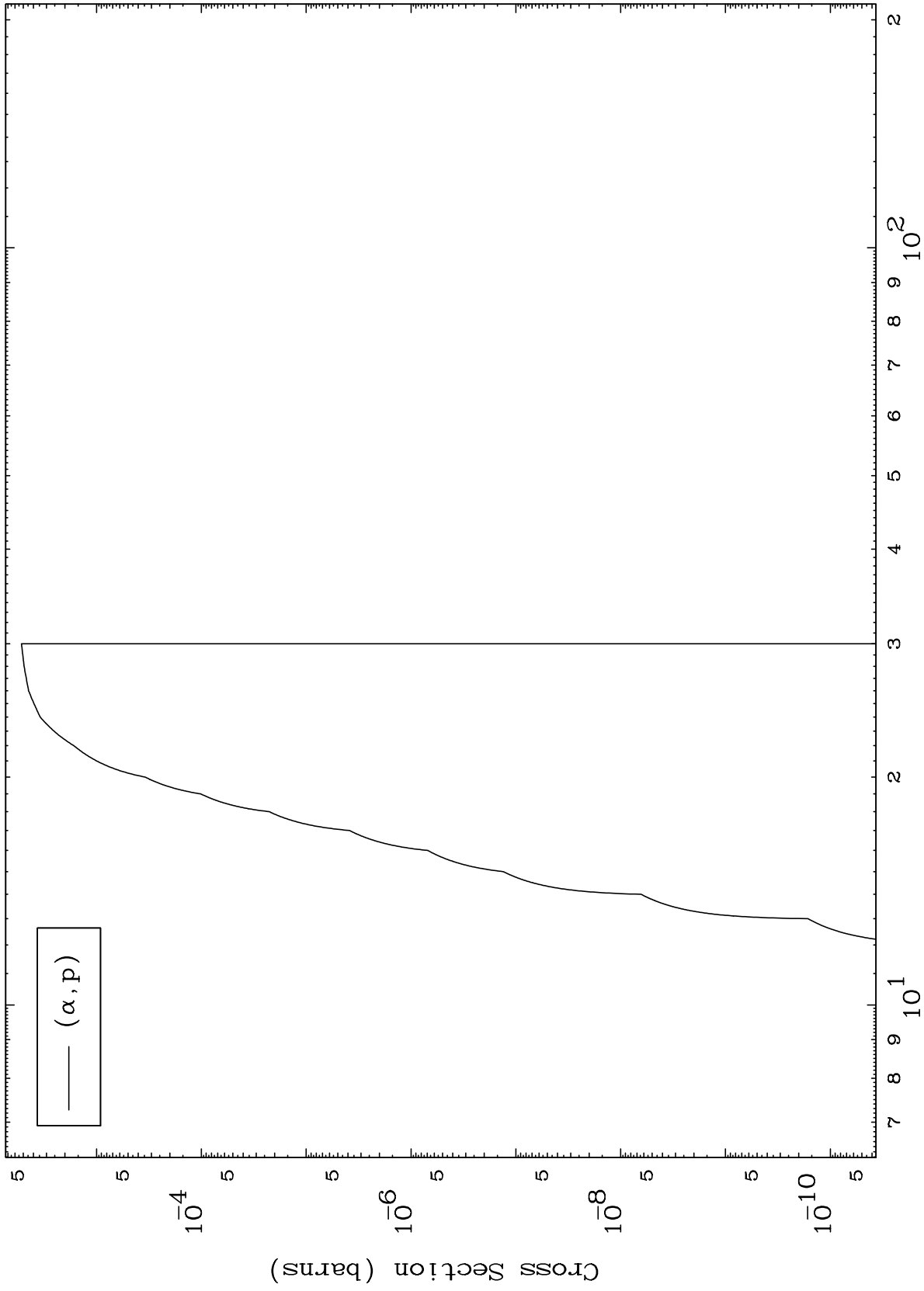
Incident Energy (MeV)

81-T1-195

MAT 8102

(α, p) Levels
0 Kelvin Cross Sections

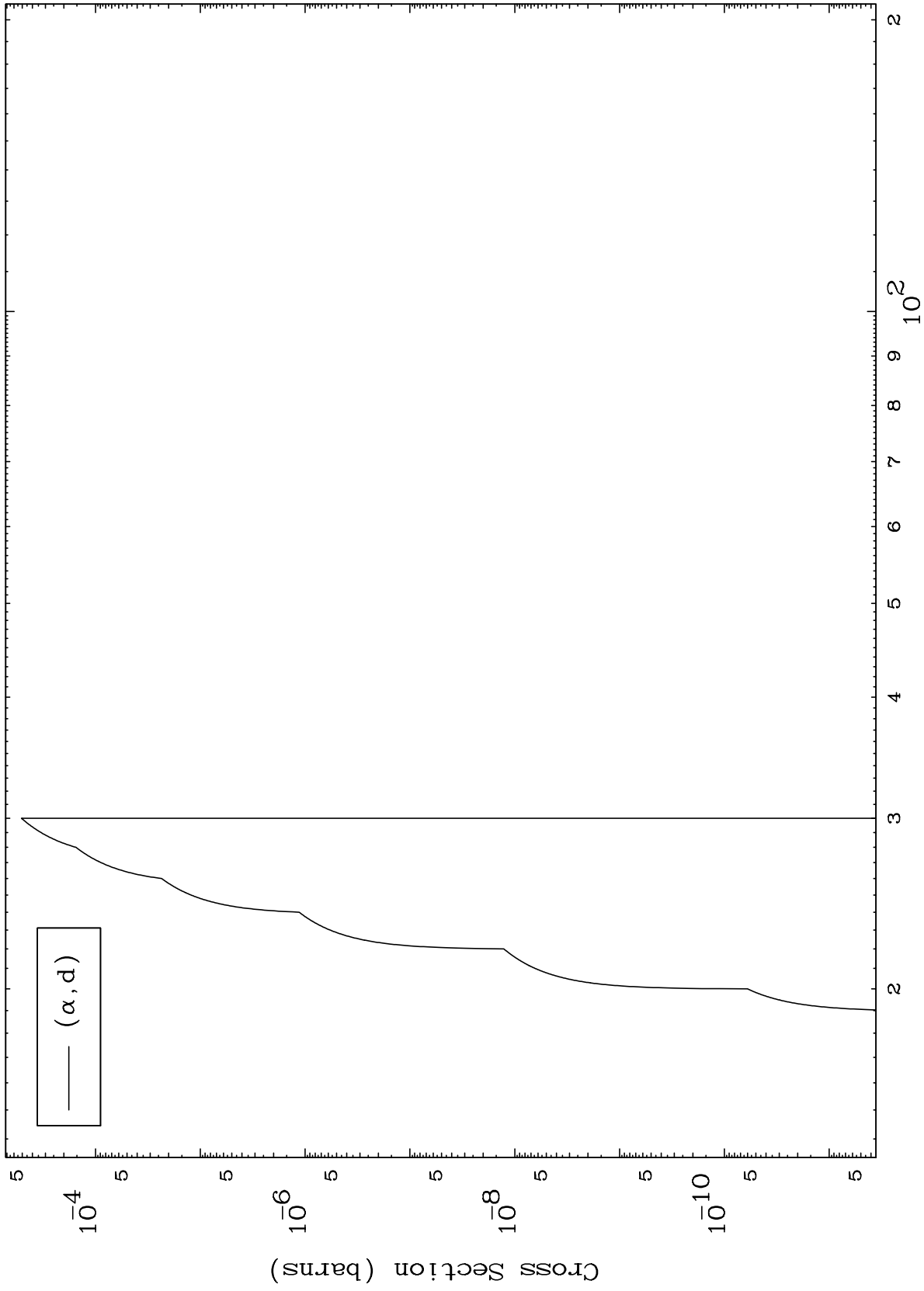
81-T1-195



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Incident Energy (MeV)

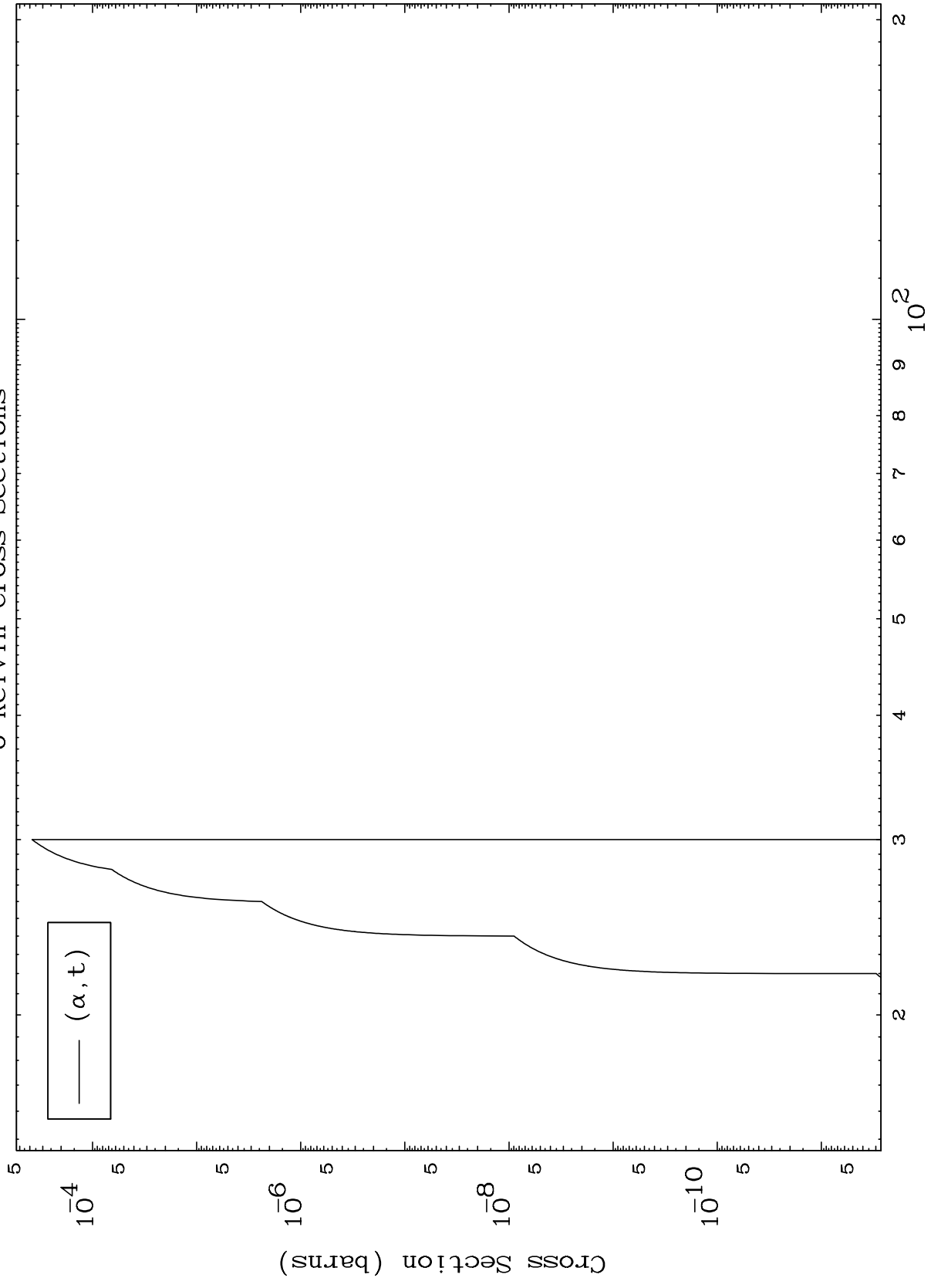
81-T1-195



MAT 8102

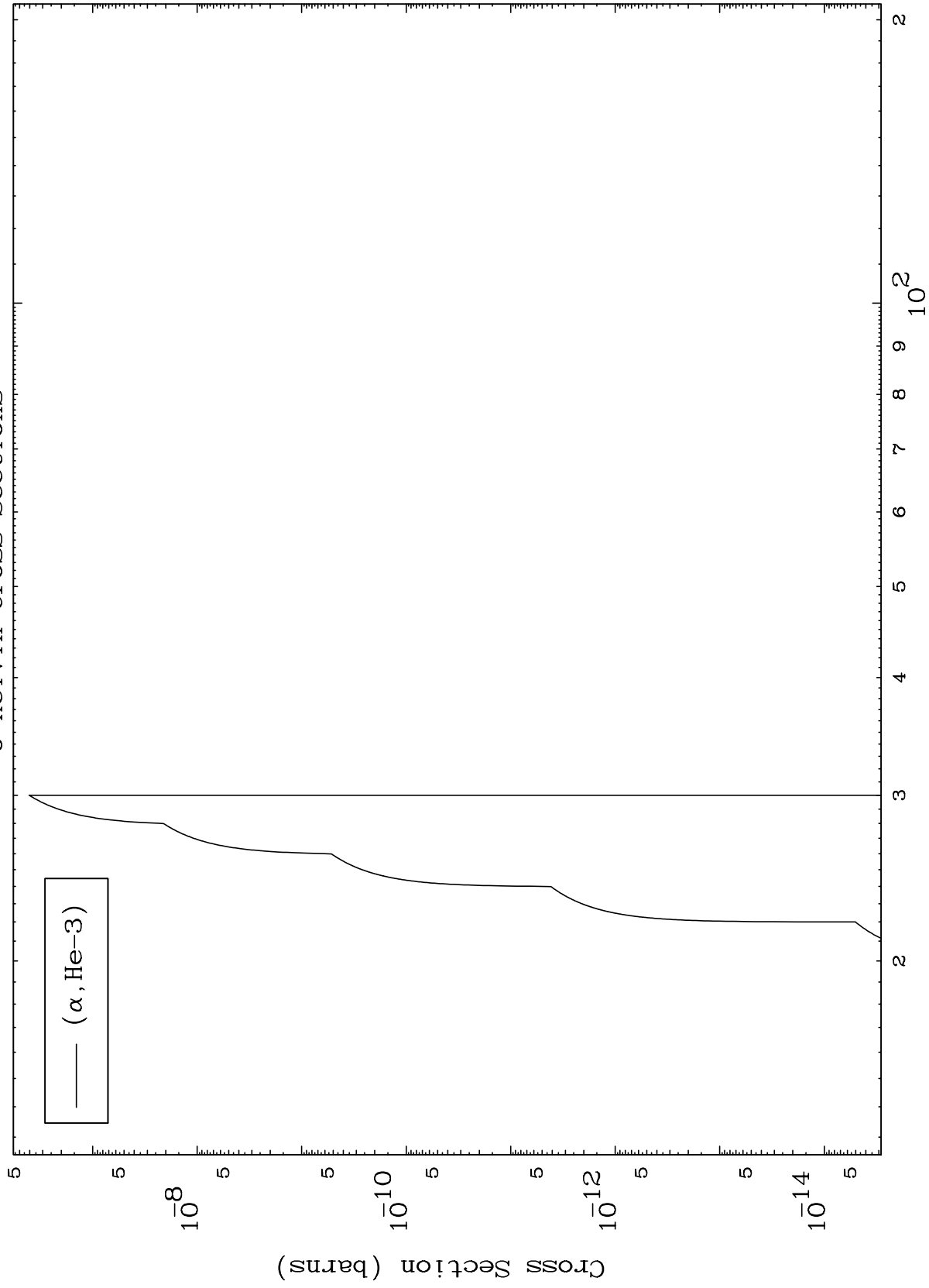
(α, t) Levels
0 Kelvin Cross Sections

81-T1-195



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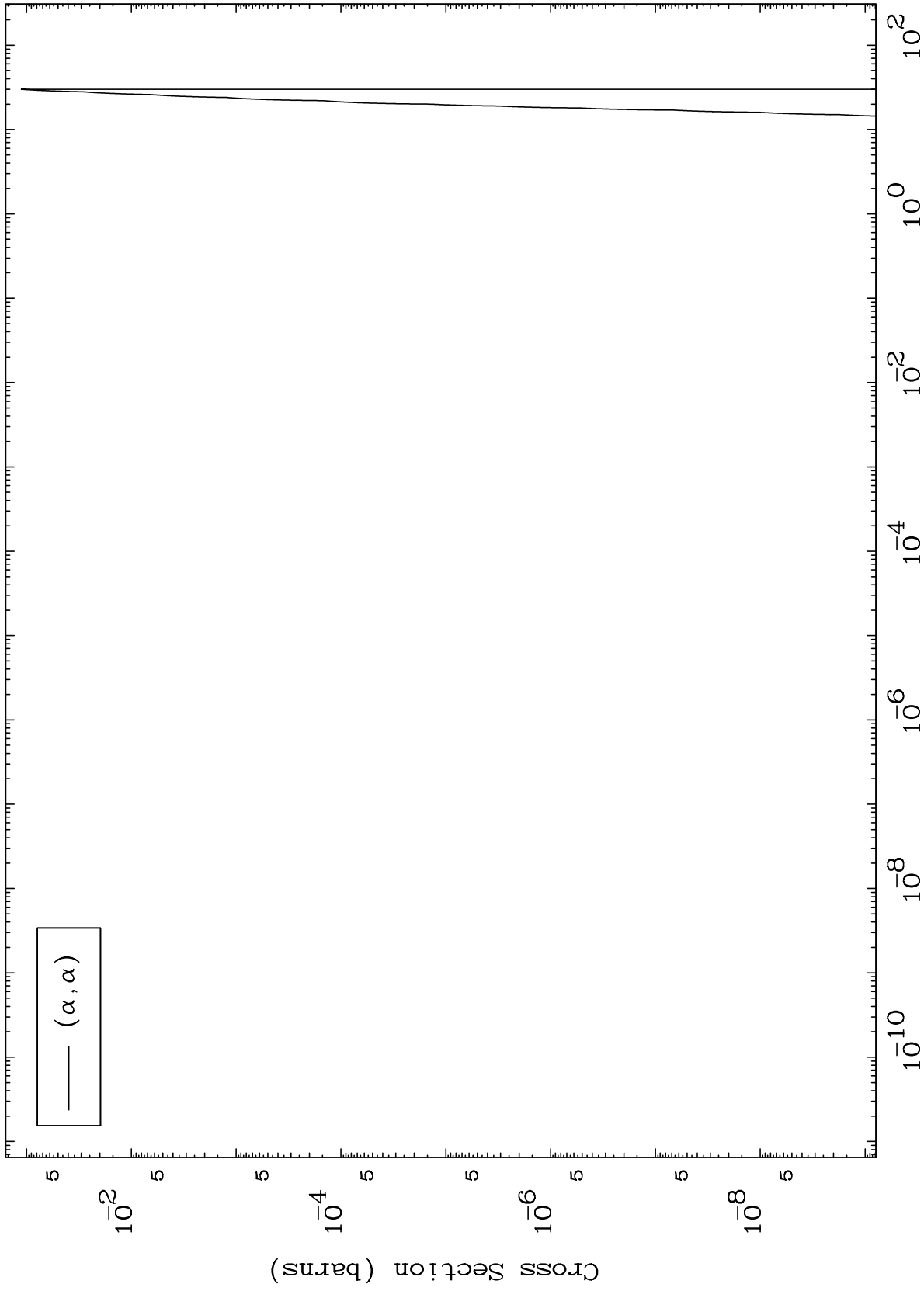
81-T1-195



MAT 8102

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-195

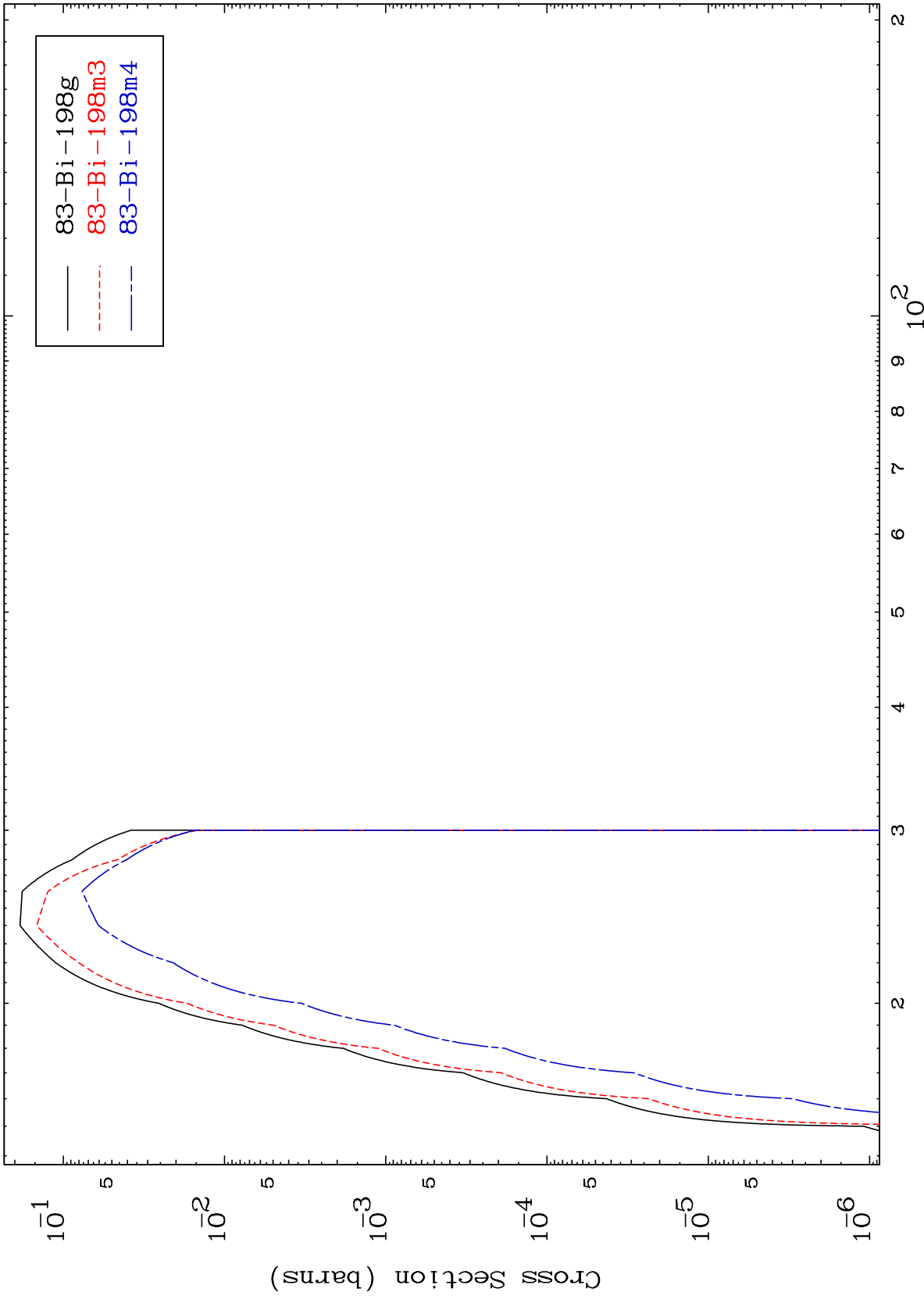


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Incident Energy (MeV)

81-Tl-195

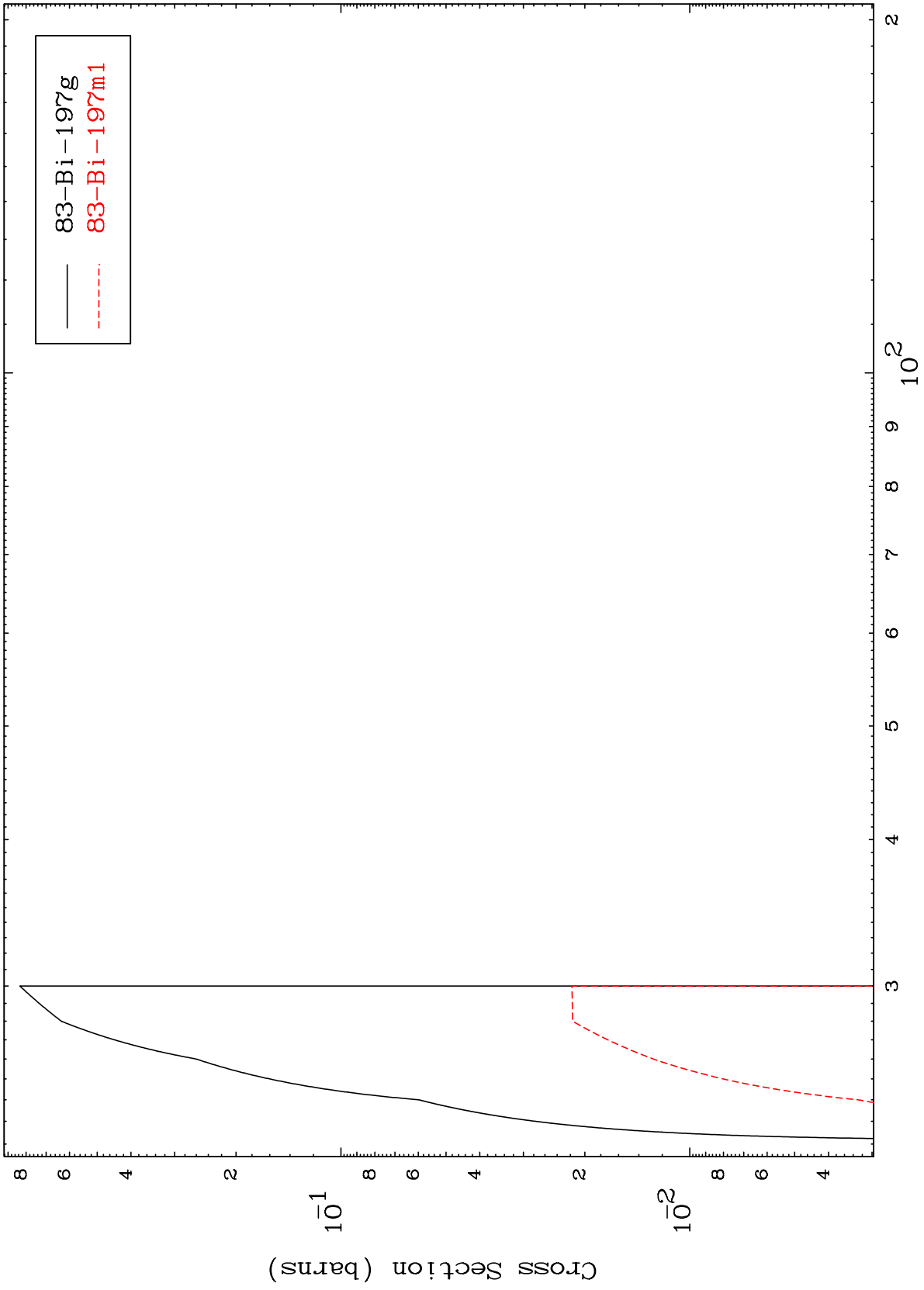
Radionuclide Production Cross Section
 α Inelastic



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81-T1-195

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



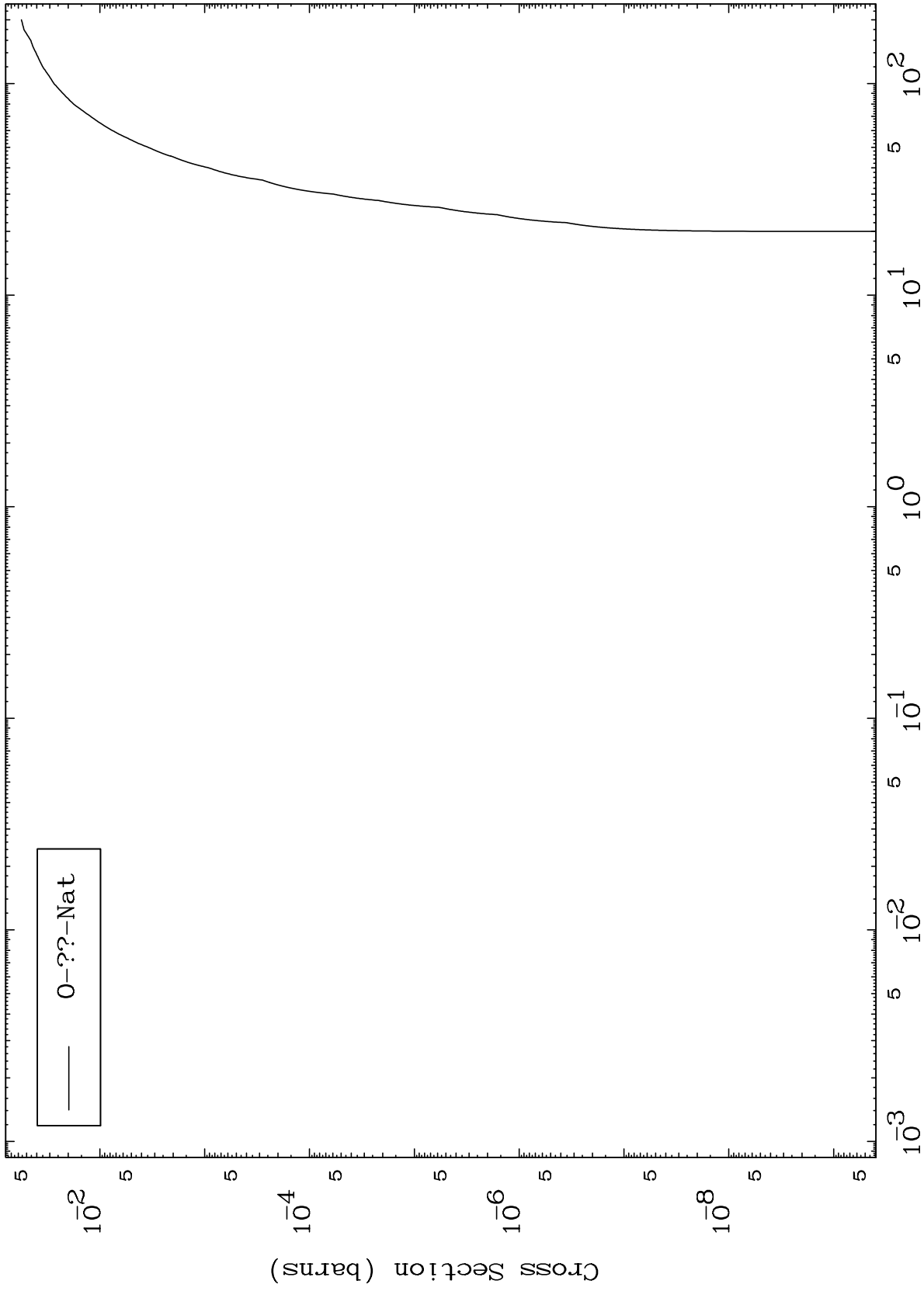
12

81-T1-195

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α Fission
Radionuclide Production Cross Section

81-Tl-195



13

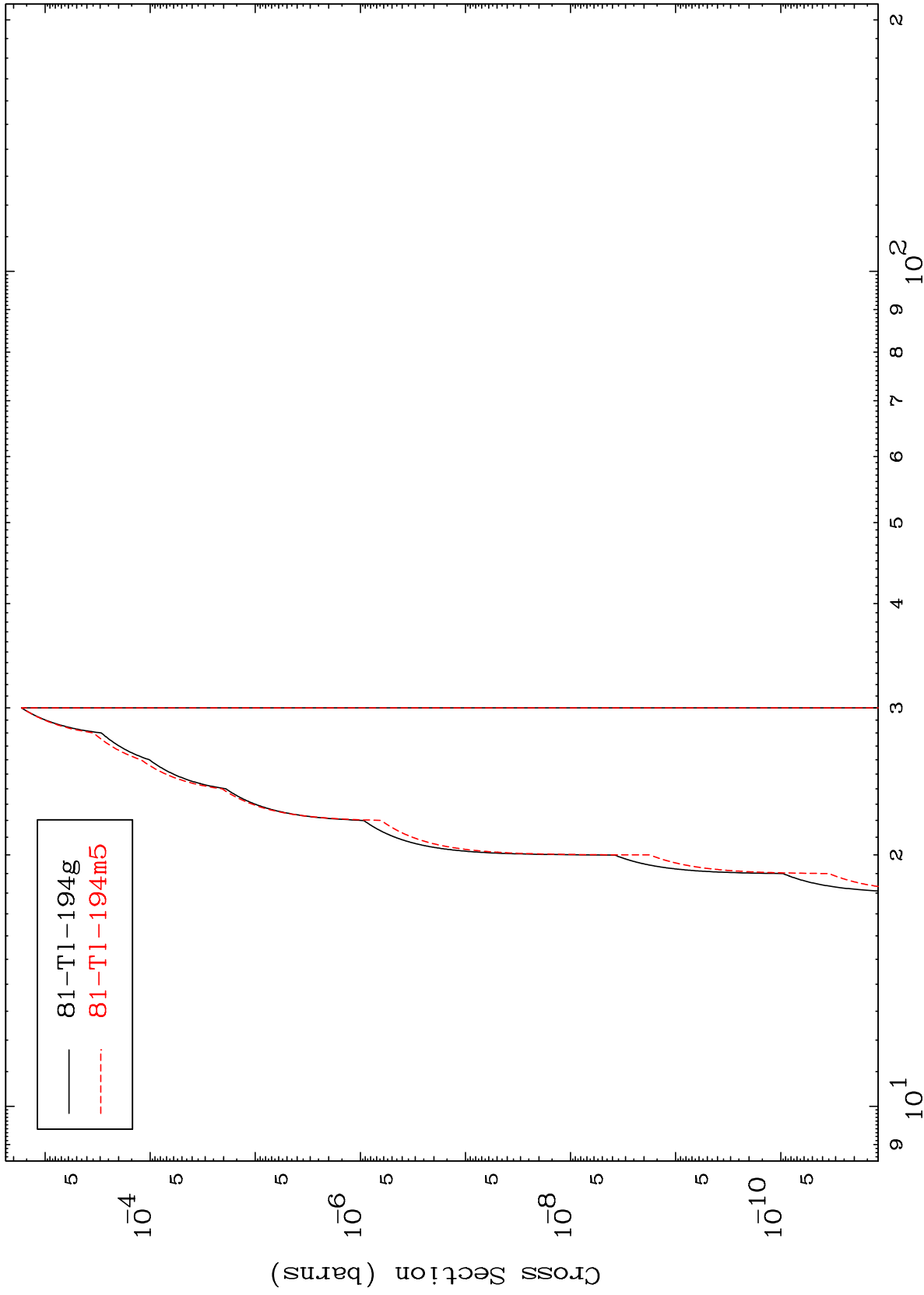
81-Tl-195

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(α, n') α

81-Tl-195

Radionuclide Production Cross Section



14

Incident Energy (MeV)

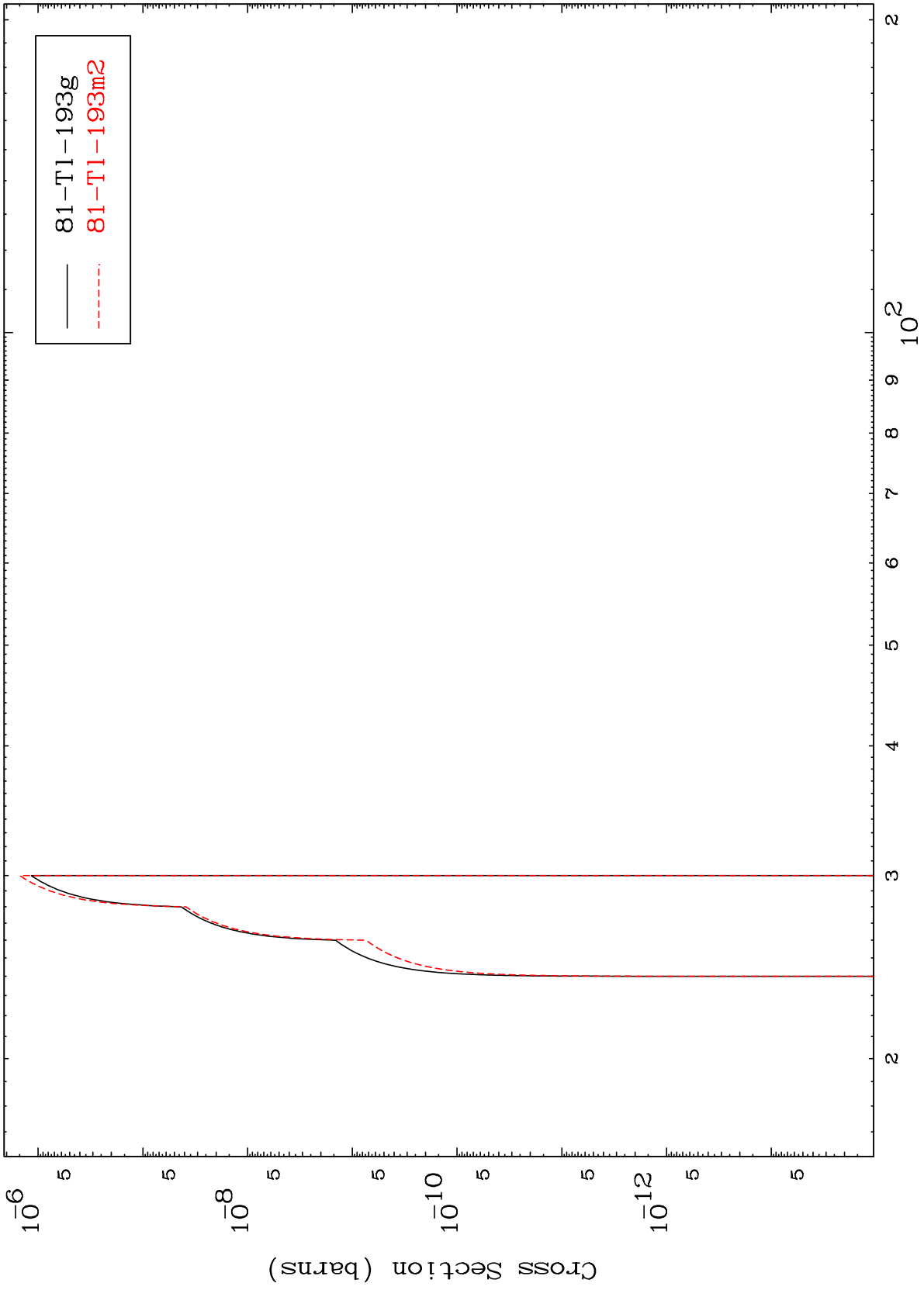
81-Tl-195

MAT 8102

($\alpha, 2n$) α

81-Tl-195

Radionuclide Production Cross Section

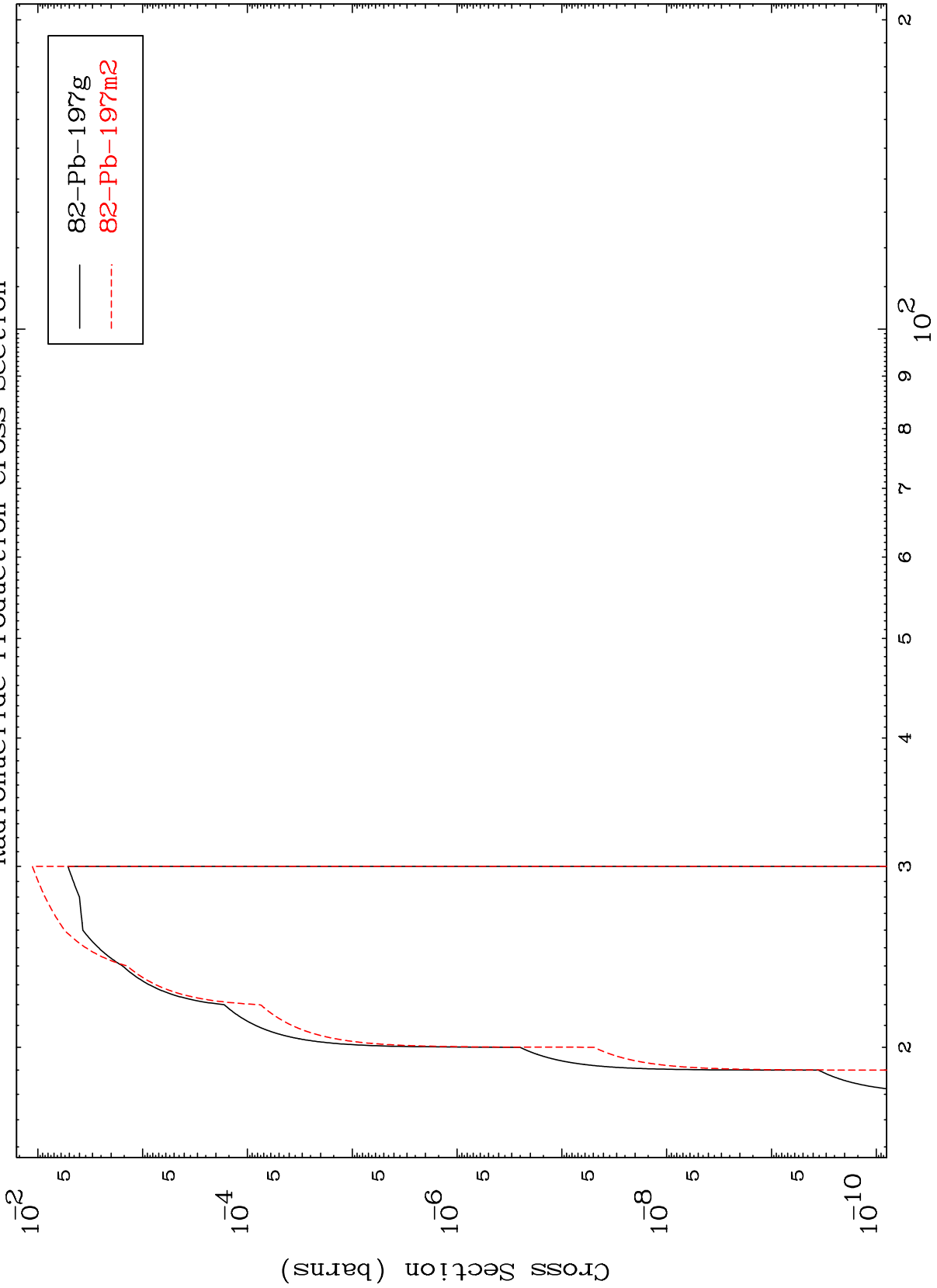


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Incident Energy (MeV)

81-Tl-195

Radionuclide Production Cross Section

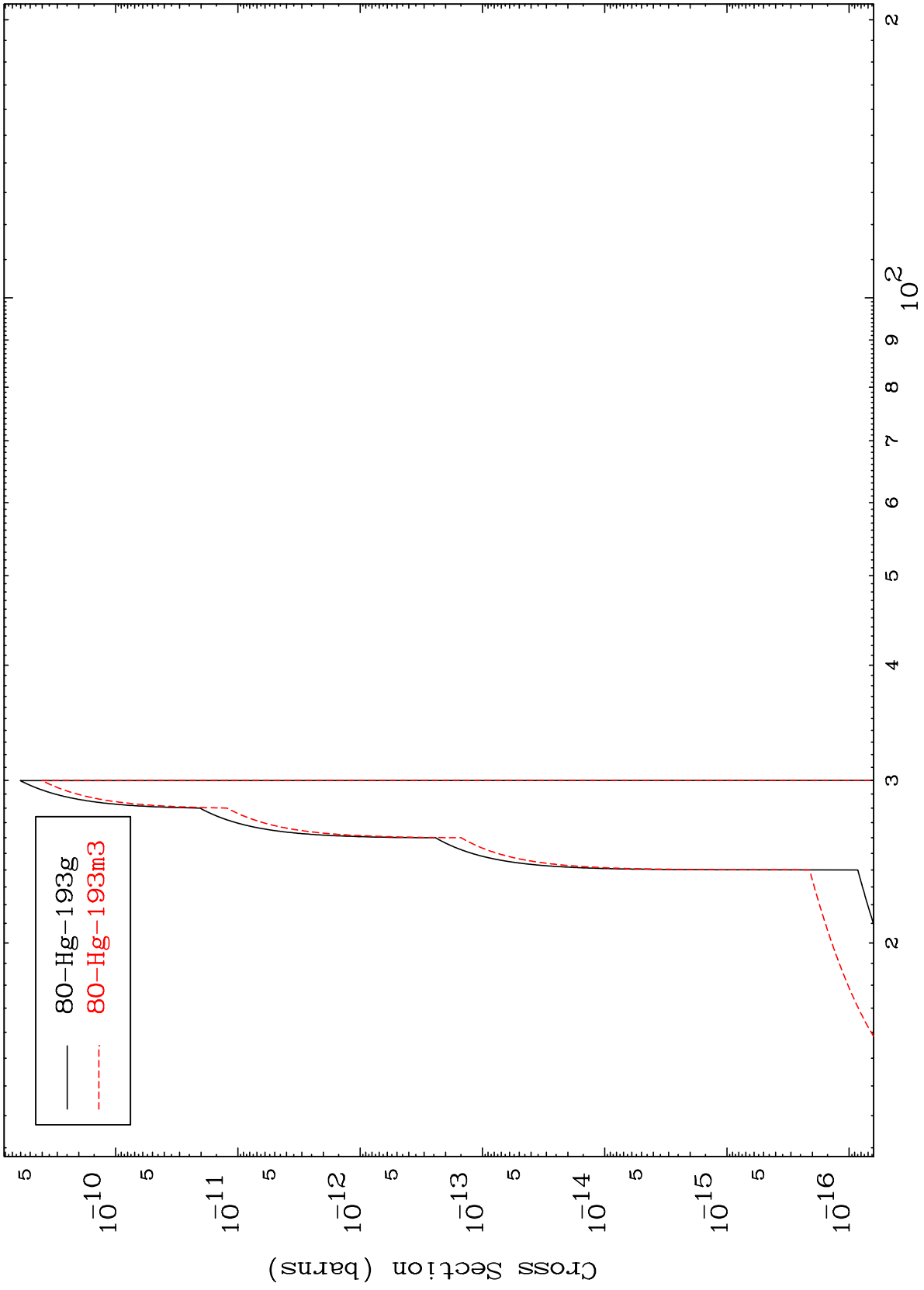


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(α, n') p α

81-T1-195

Radionuclide Production Cross Section



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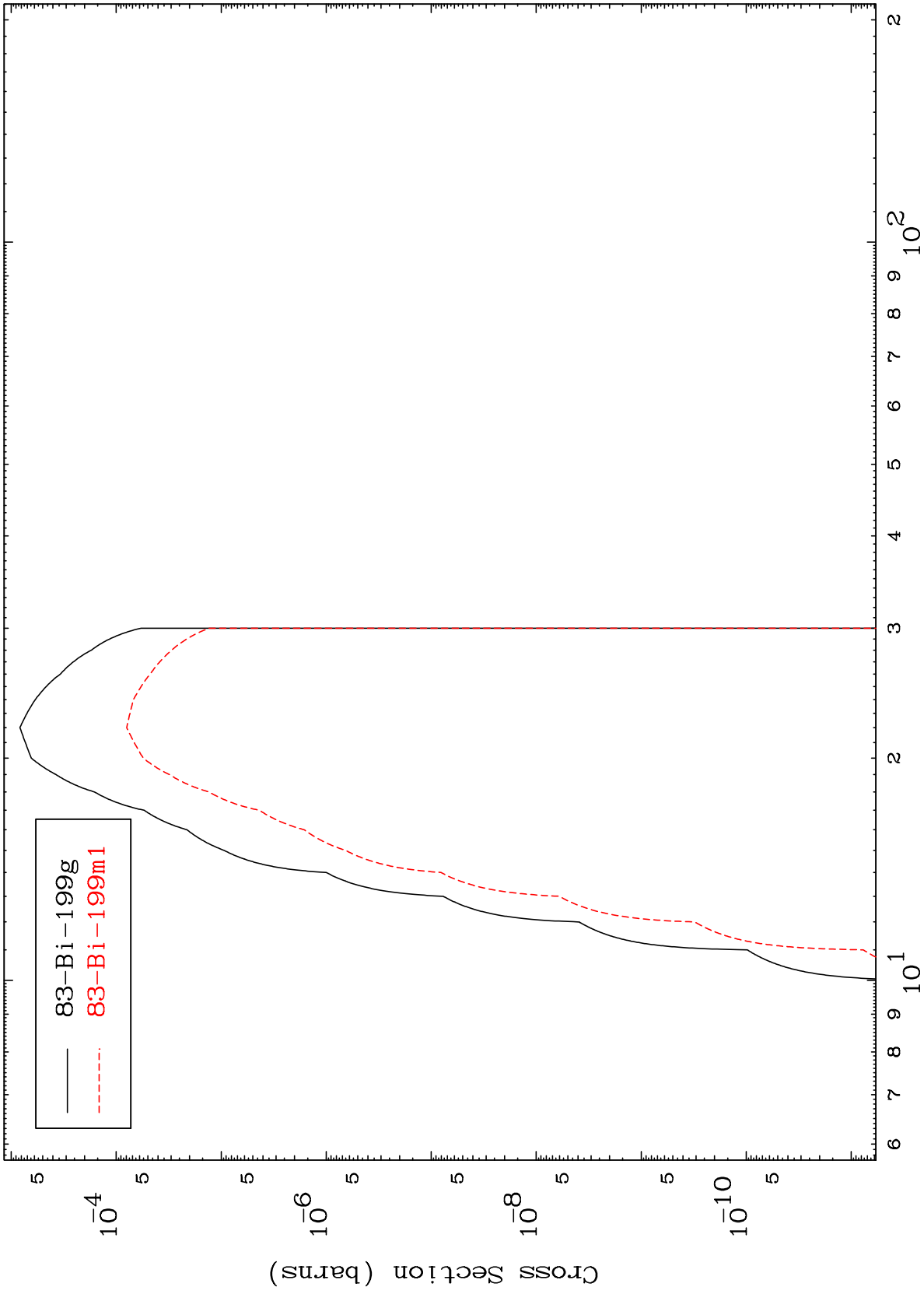
Incident Energy (MeV)

81-T1-195

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81-T1-195

Radionuclide Production Cross Section
(α, γ)



18

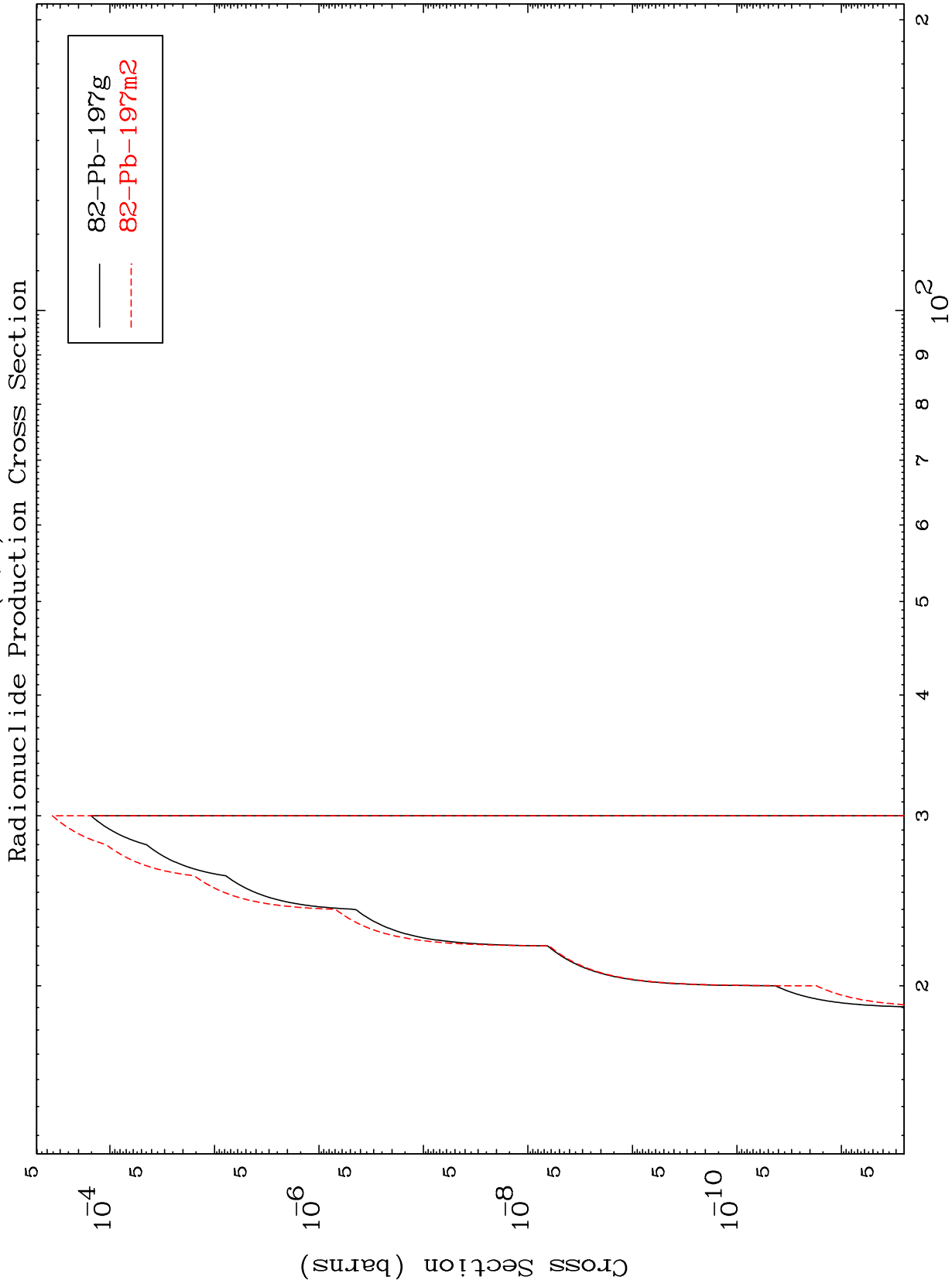
Incident Energy (MeV)

81-T1-195

MAT 8102

(α, d)

81-T1-195



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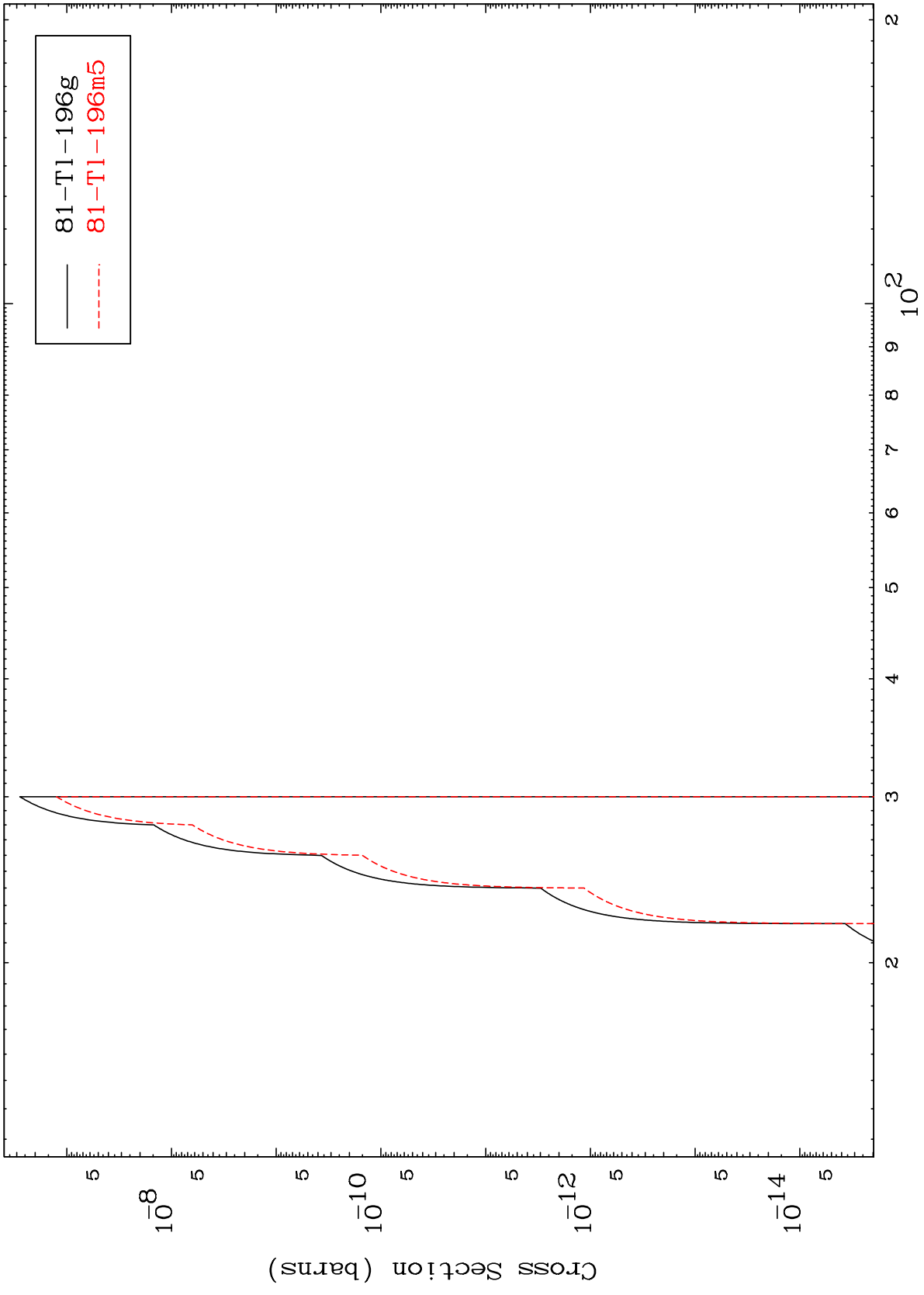
81-T1-195

MAT 8102

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

81-Tl-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

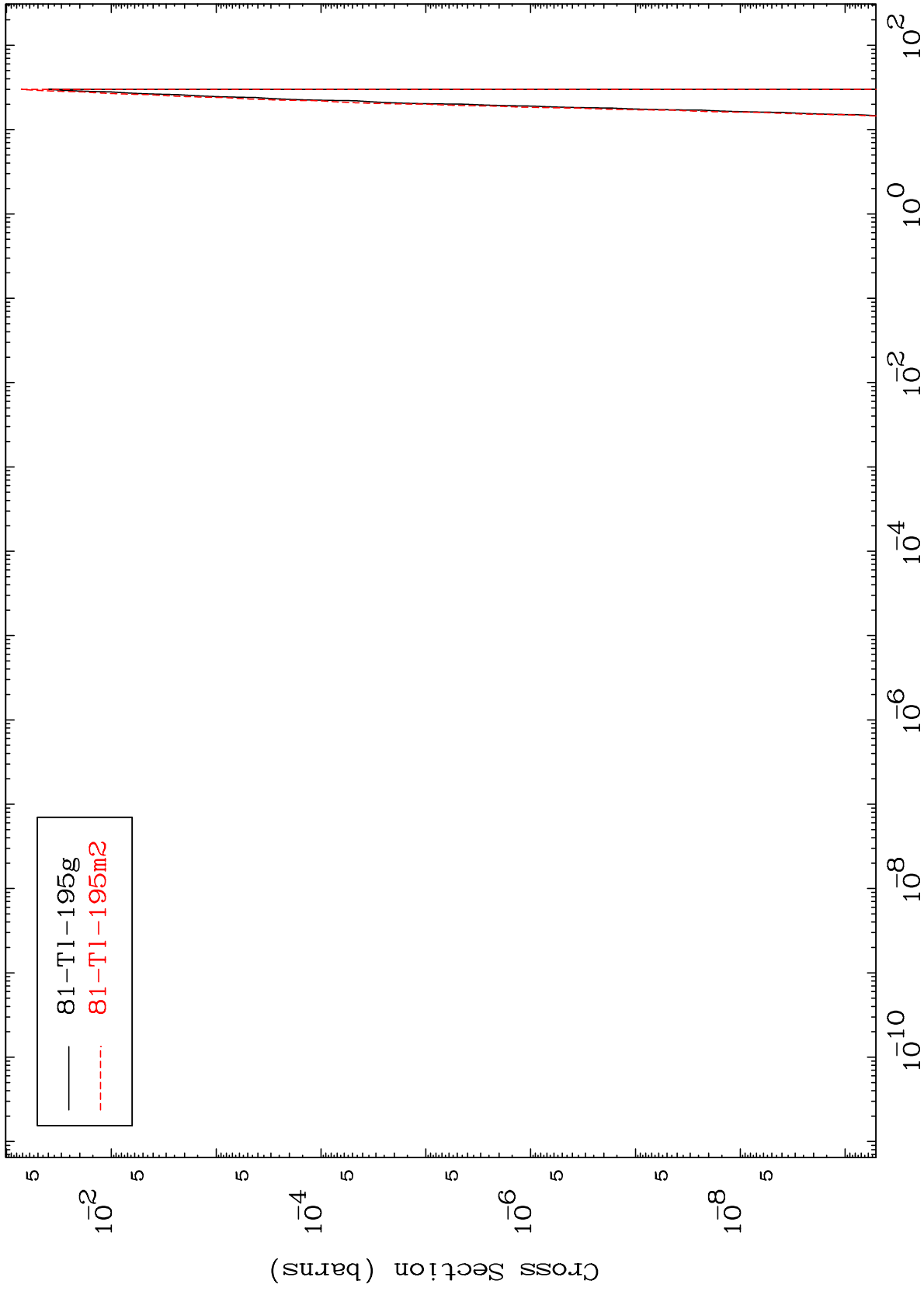
81-Tl-195

MAT 8102

(α, α)

81-Tl-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

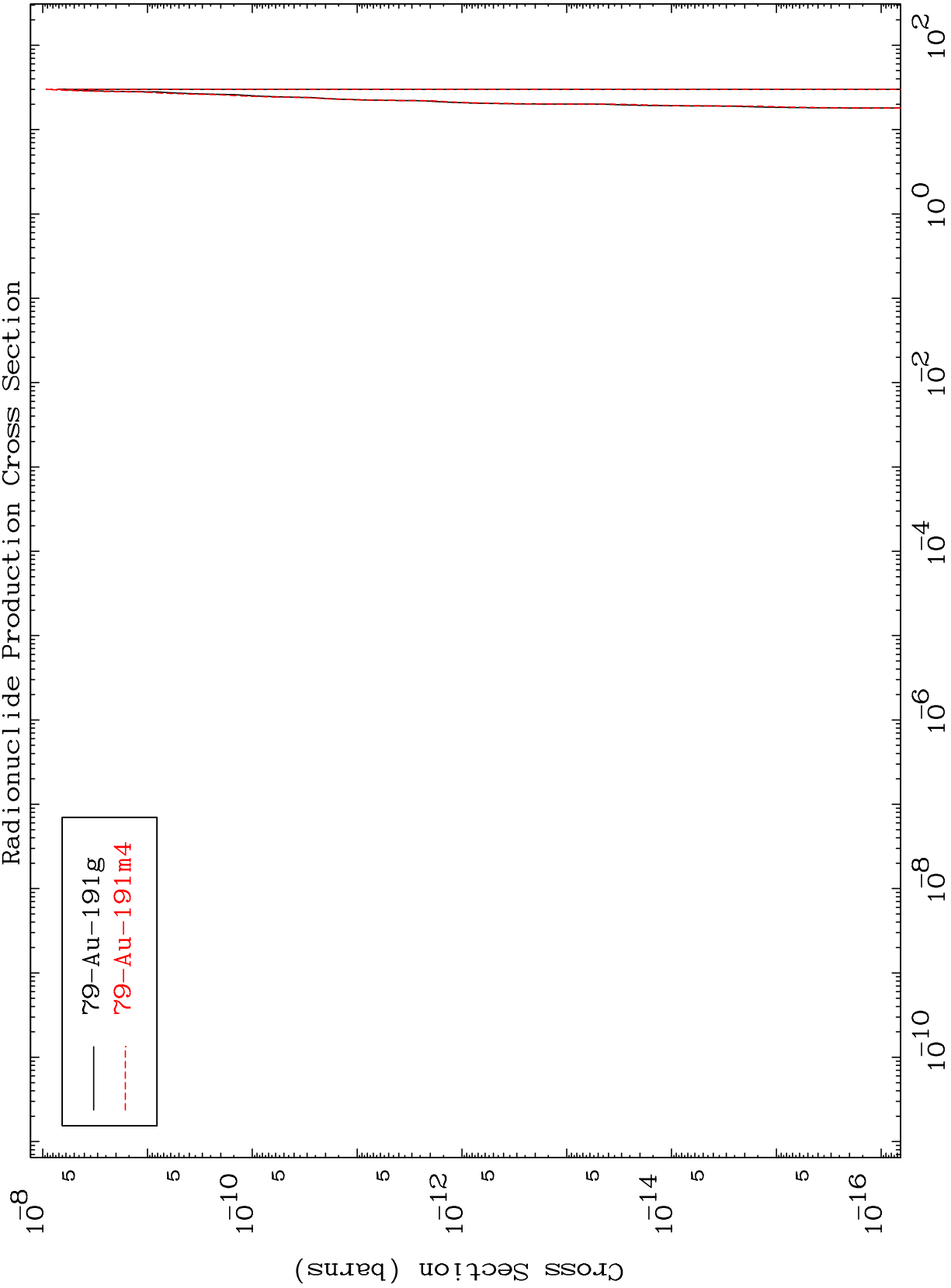
81-Tl-195

MAT 8102

($\alpha, 2\alpha$)

81-T1-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

81-T1-195

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

