

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

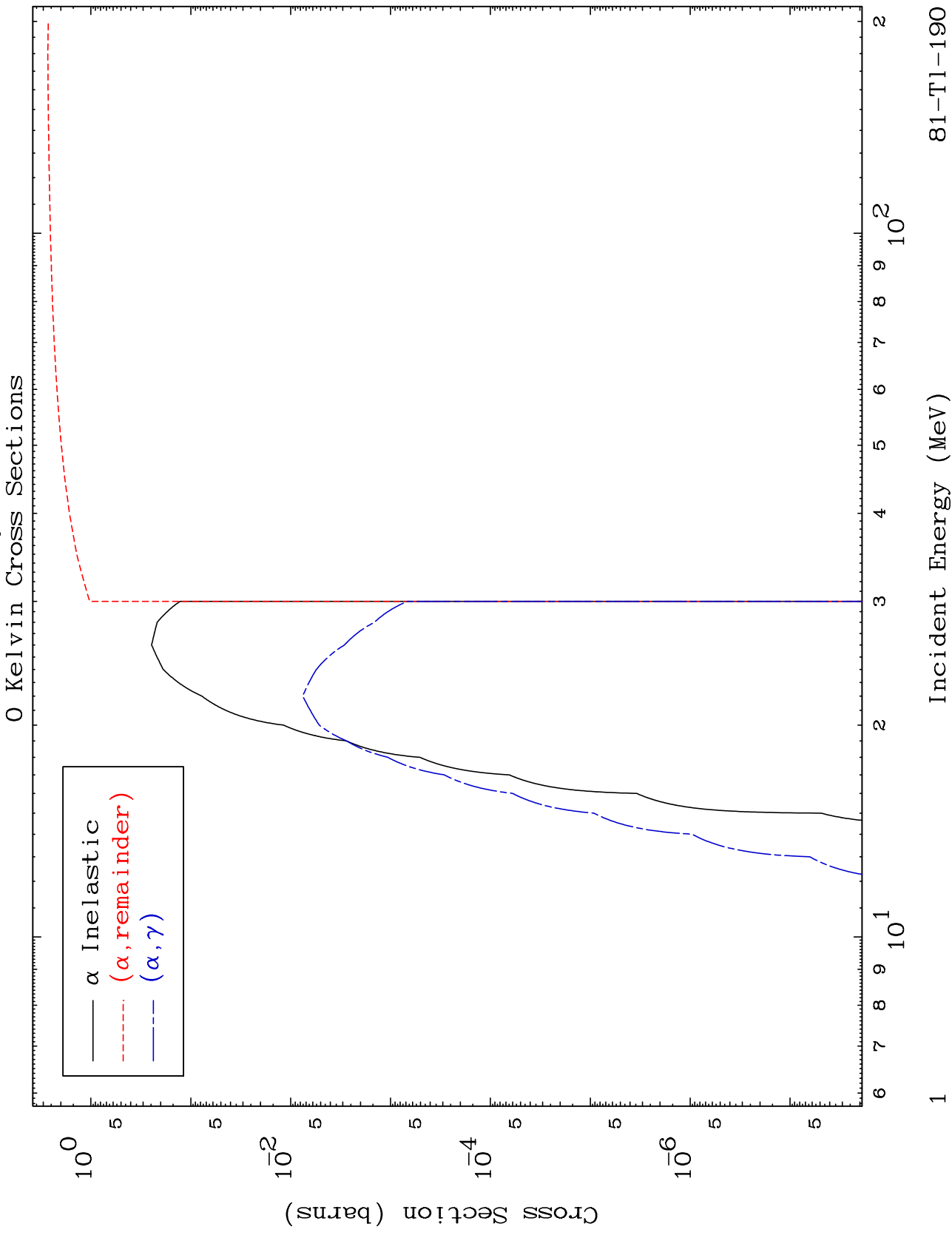
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Web: redcullen1.net/HOMEPAGE.NEW

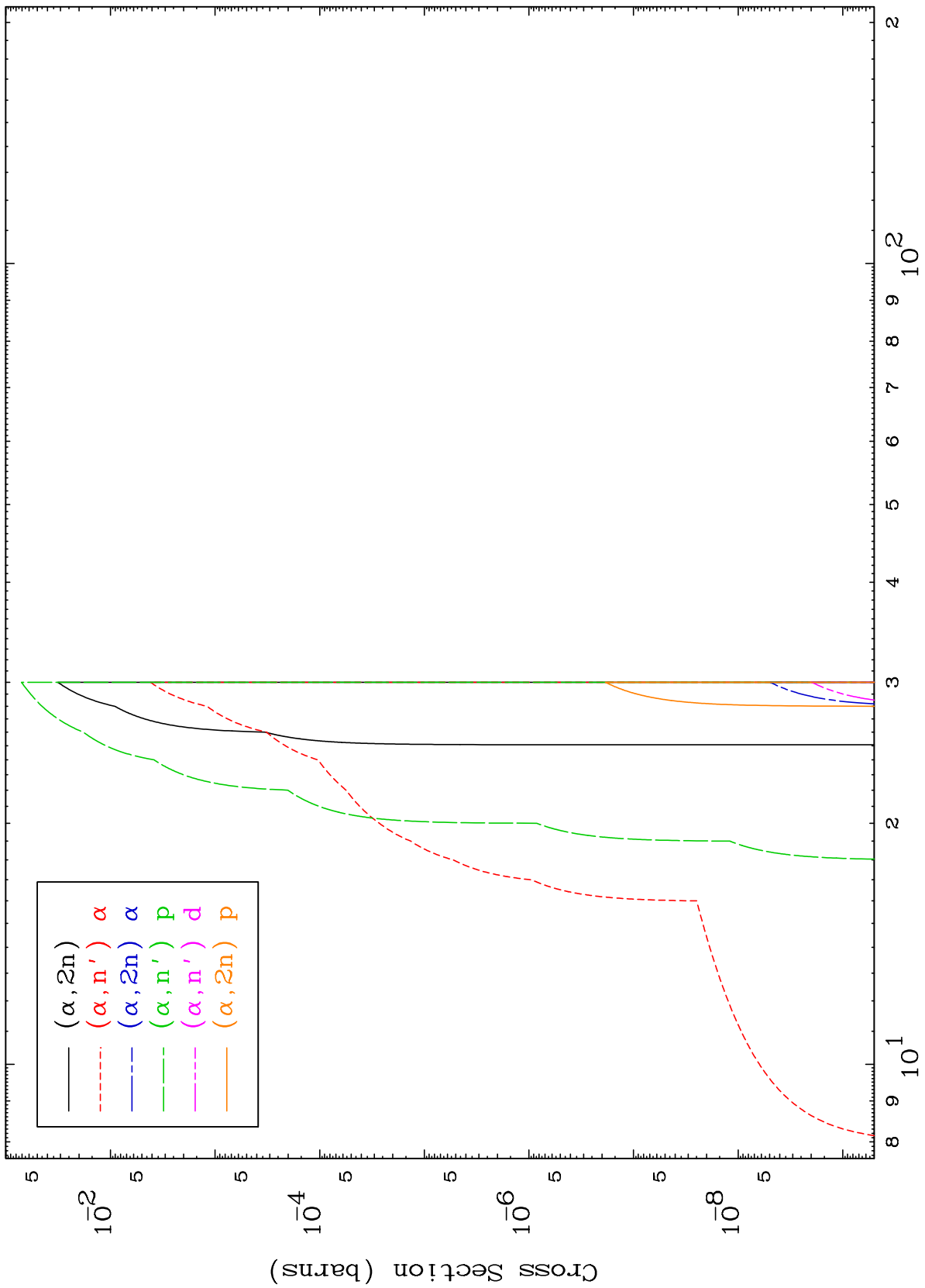
Press Mouse Button to Start



MAT 8086

α Neutron Production
0 Kelvin Cross Sections

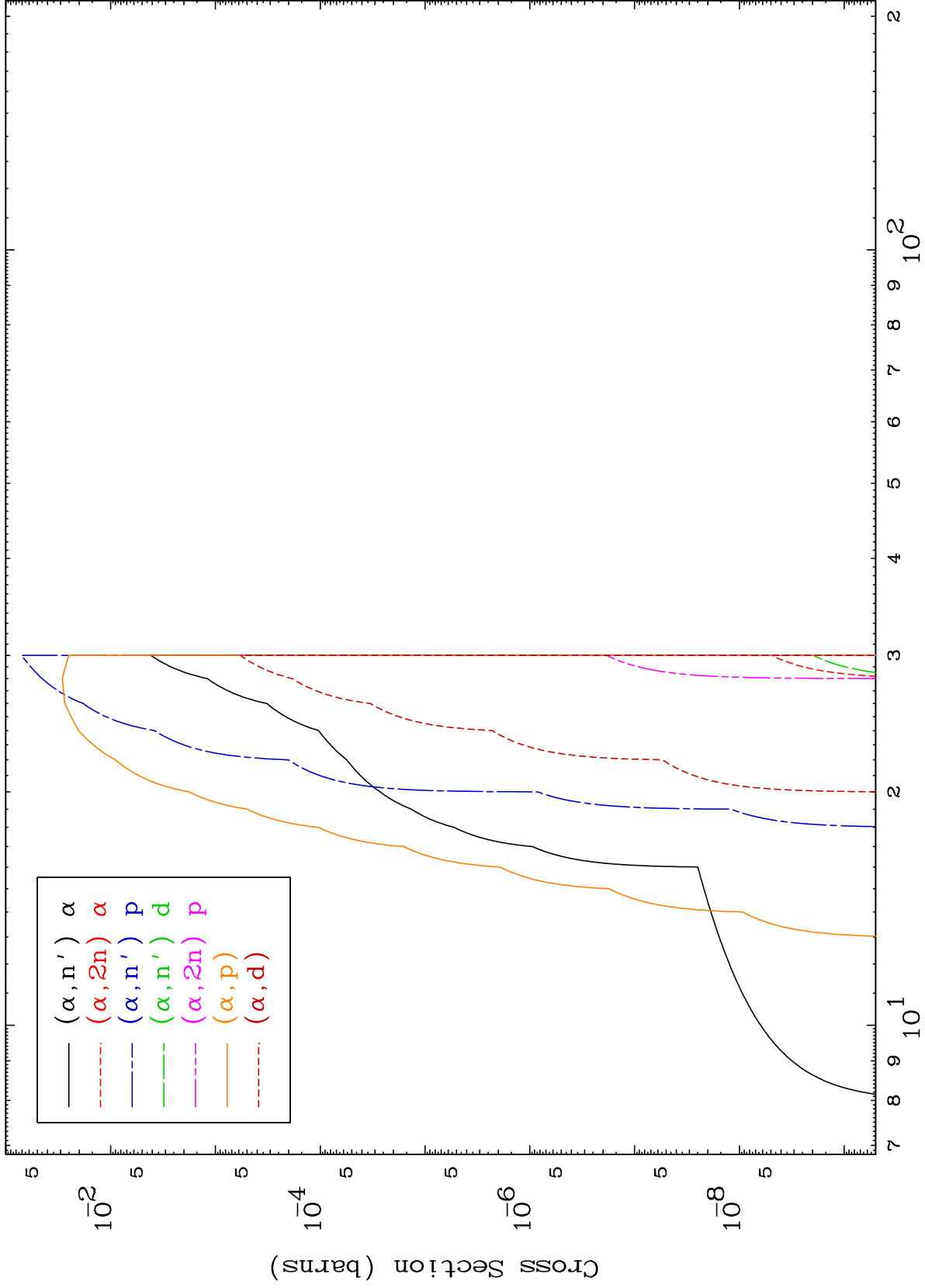
81-Tl-190



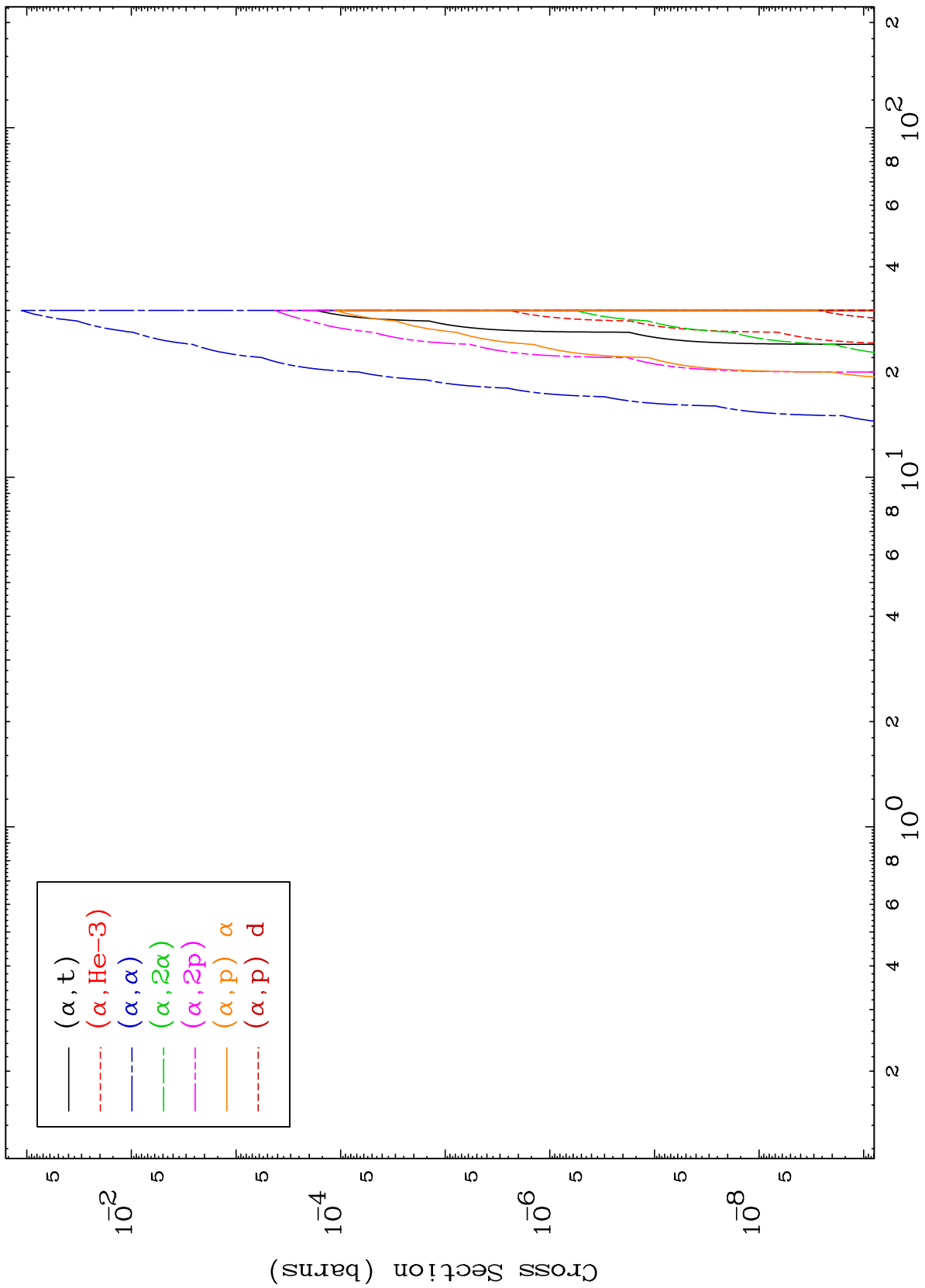
2

Incident Energy (MeV)

81-Tl-190



0 Kelvin Cross Sections

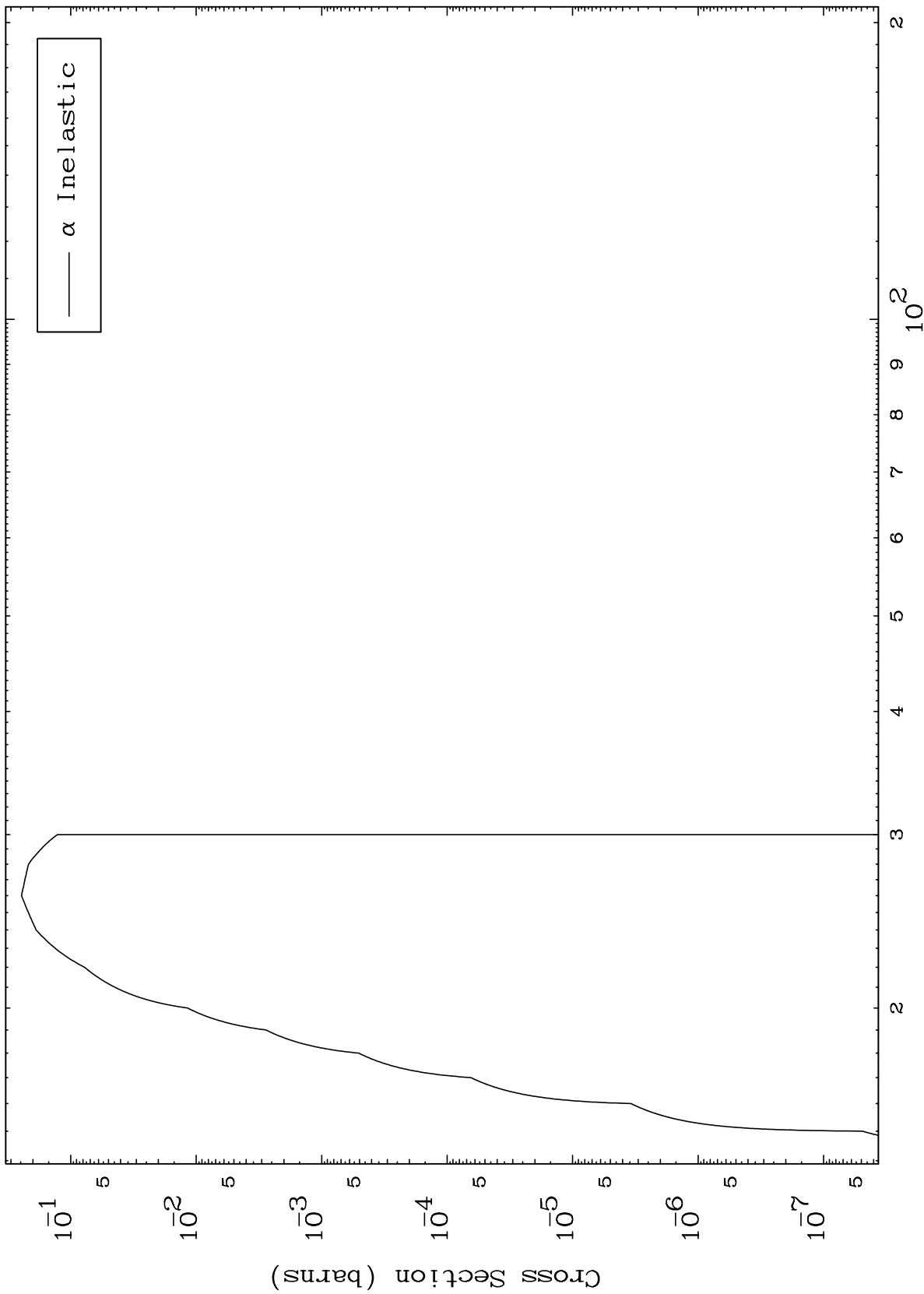


MAT 8086

(α, n') Level

81-Tl-190

0 Kelvin Cross Sections



5

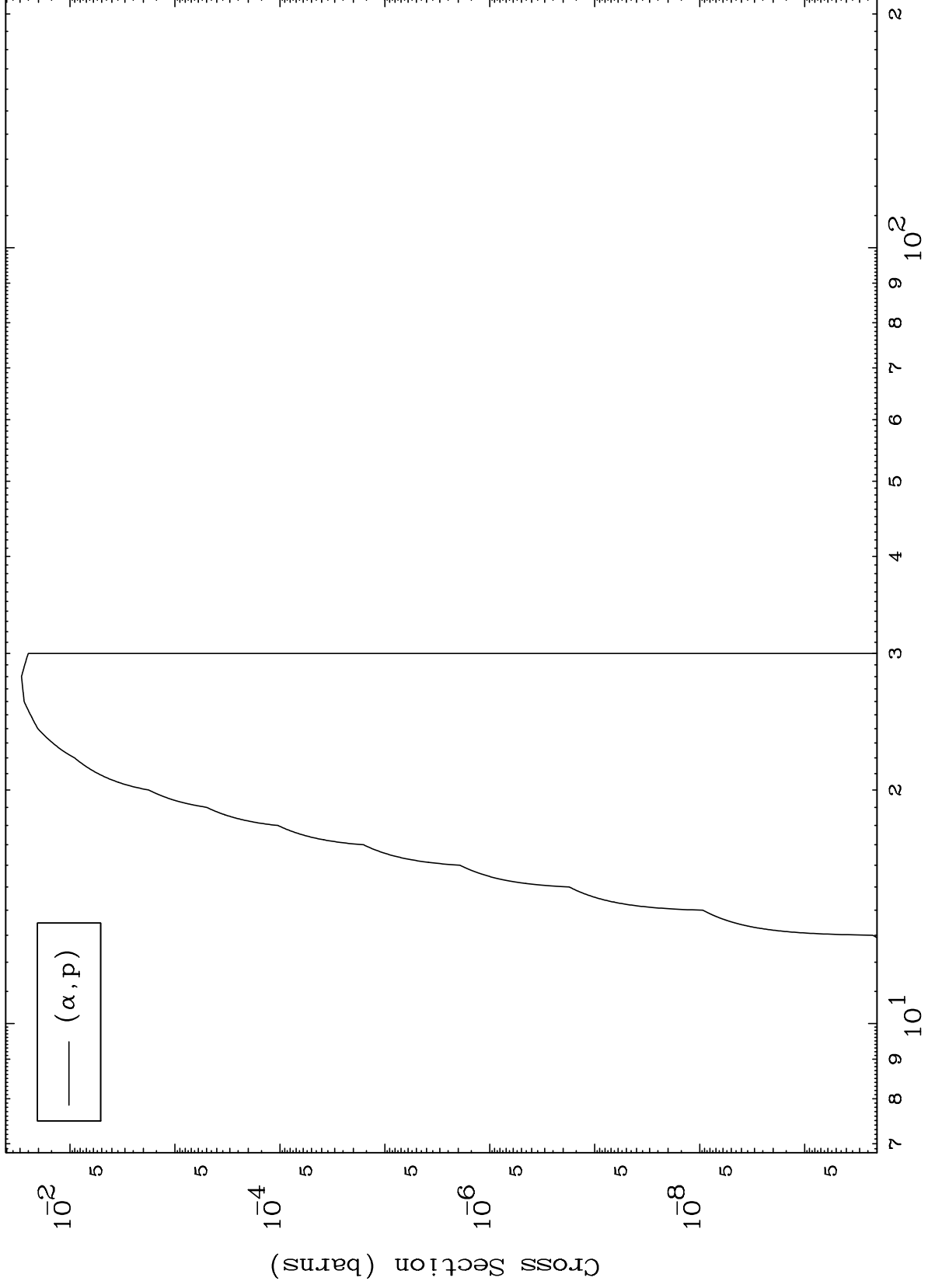
Incident Energy (MeV)

81-Tl-190

MAT 8086

(α, p) Levels
0 Kelvin Cross Sections

81-Tl-190



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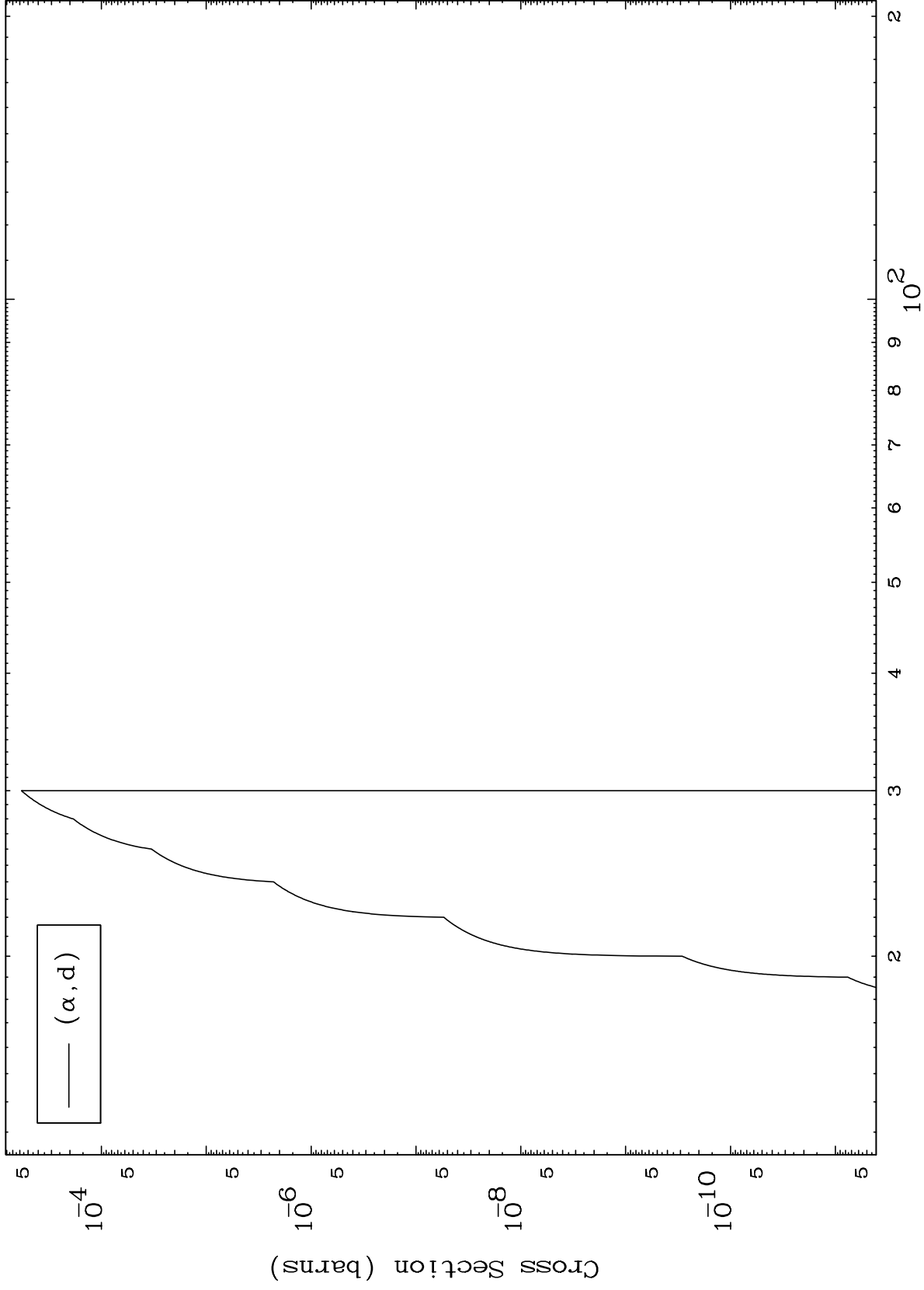
Incident Energy (MeV)

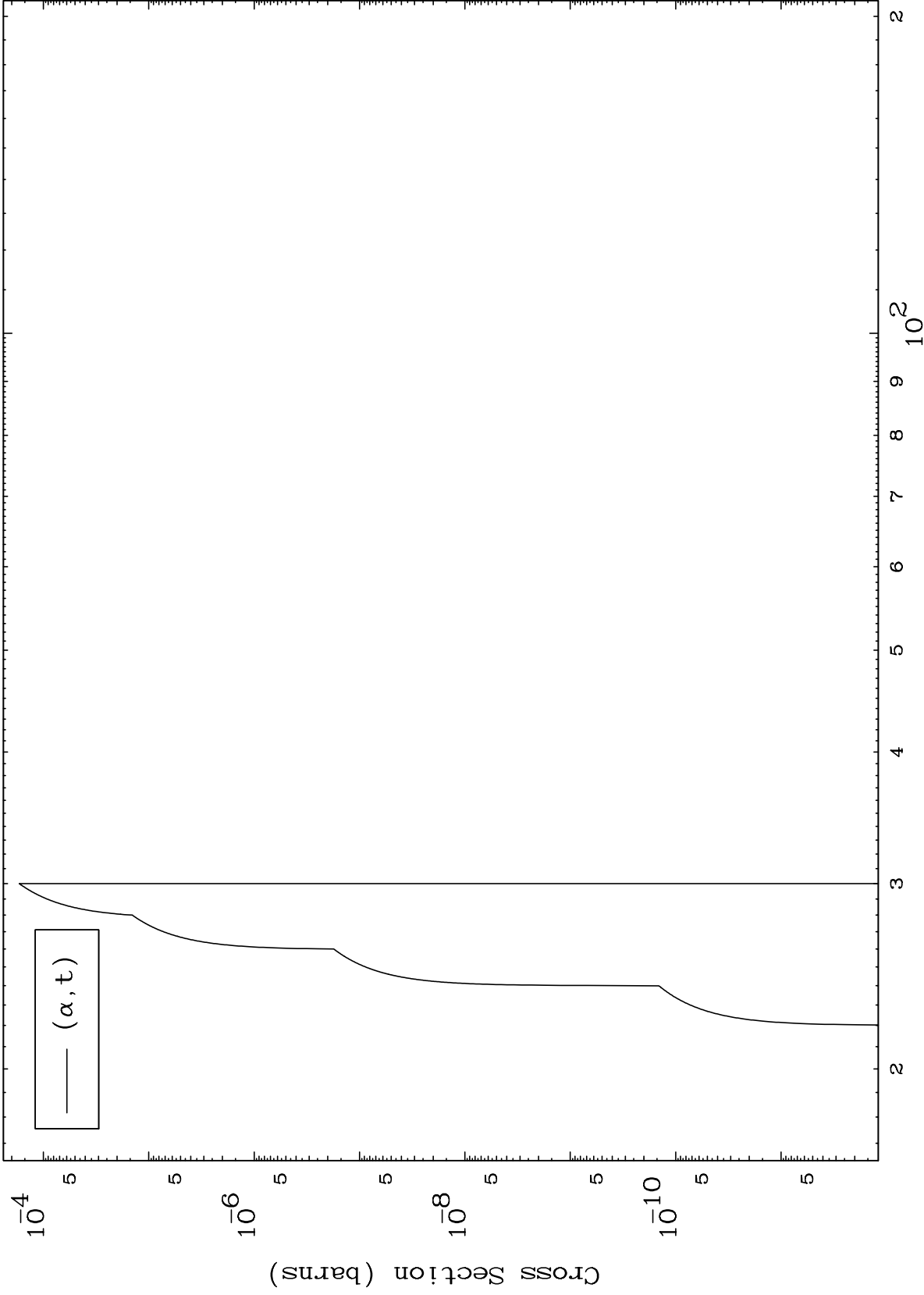
81-Tl-190

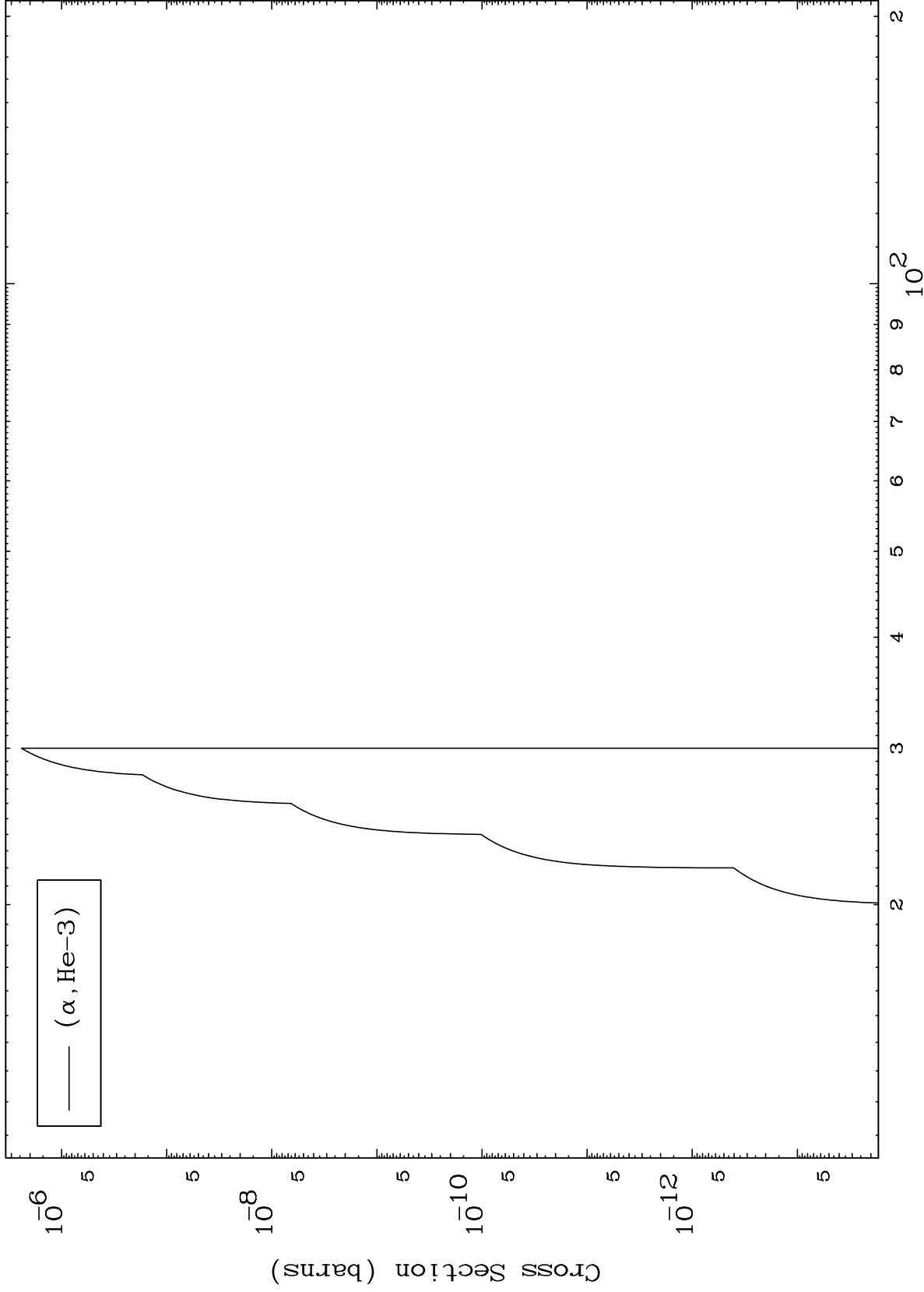
MAT 8086

(α, d) Levels
0 Kelvin Cross Sections

81-Tl-190



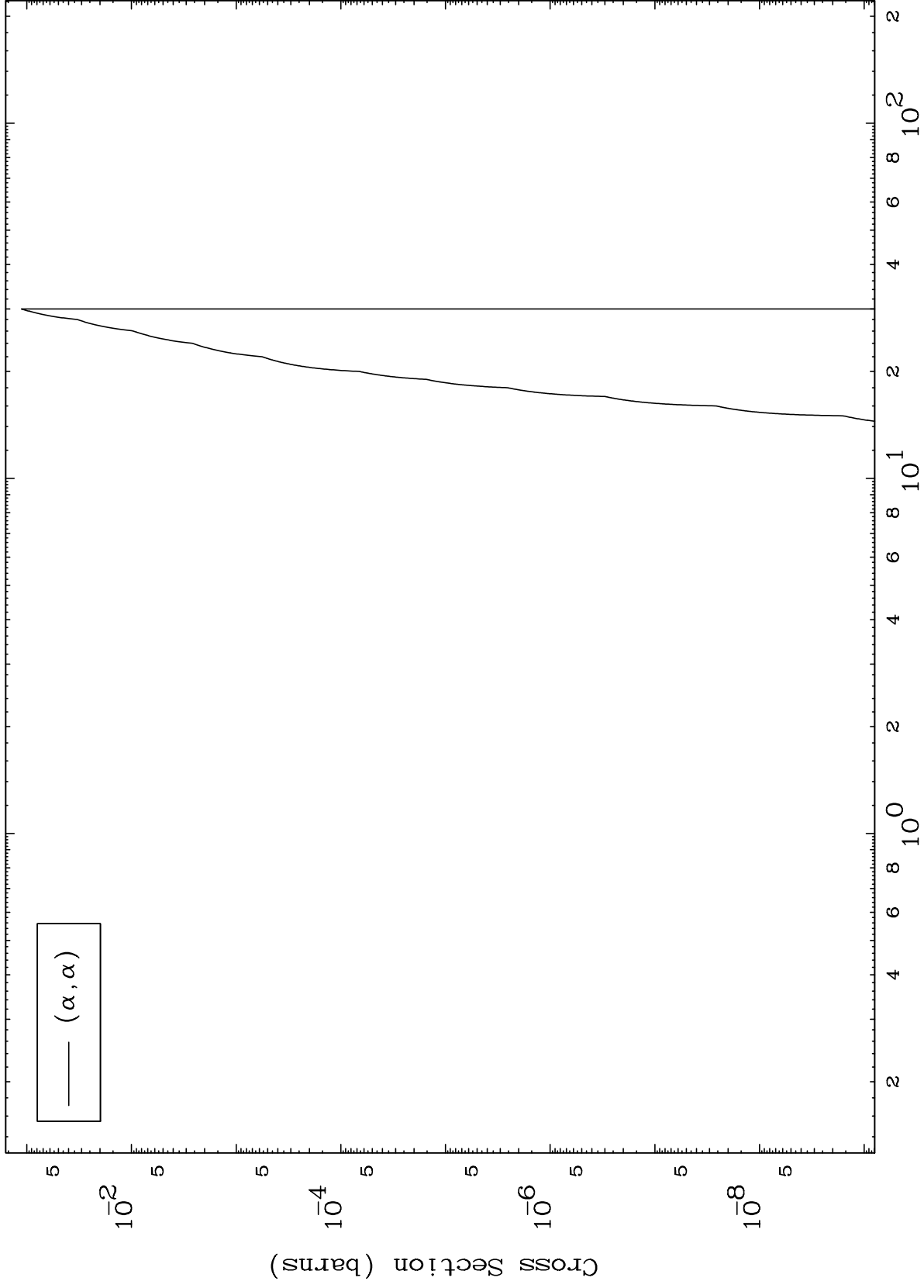




MAT 8086

(α, α) Levels
0 Kelvin Cross Sections

81-Tl-190

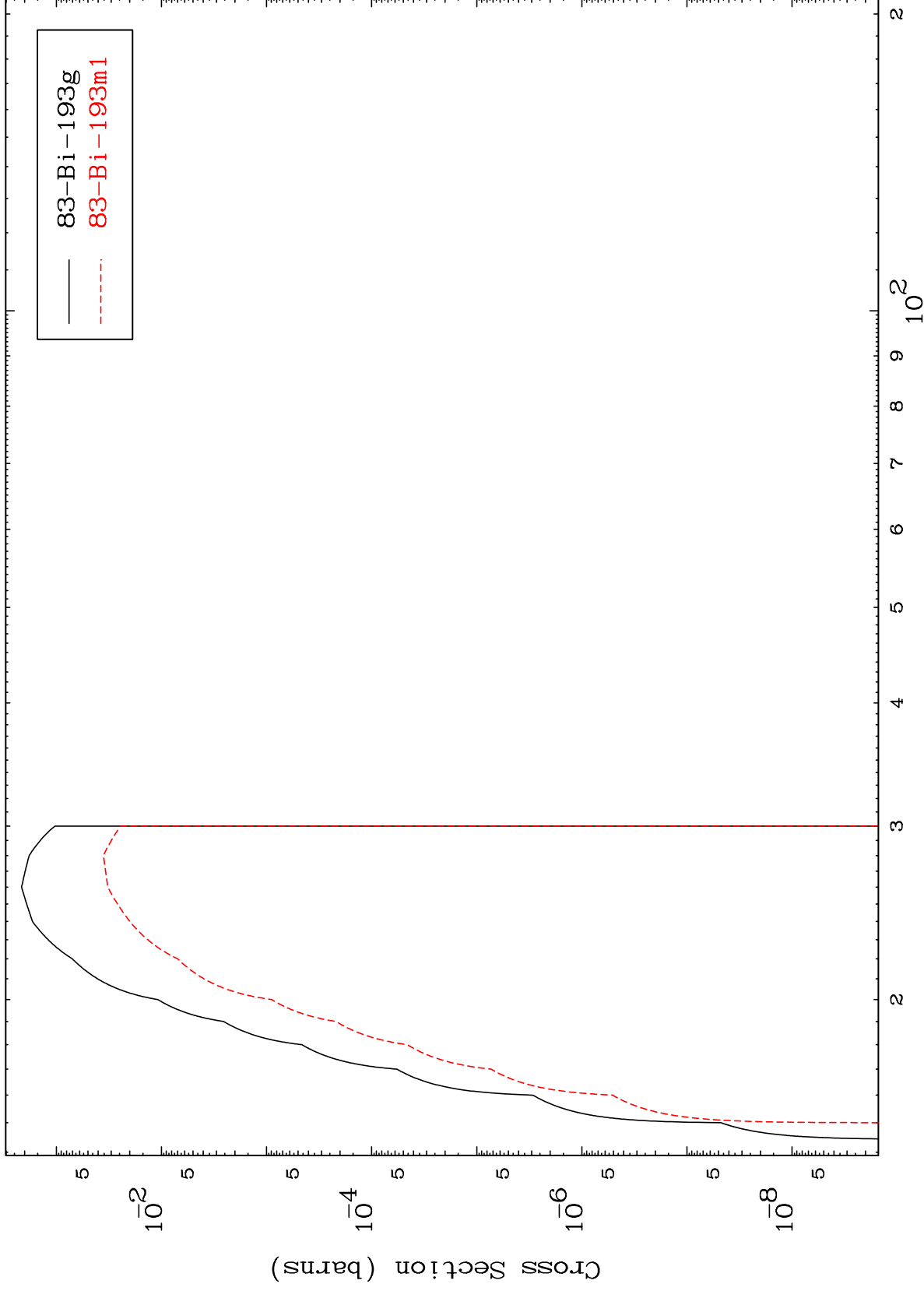


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Incident Energy (MeV)

81-Tl-190

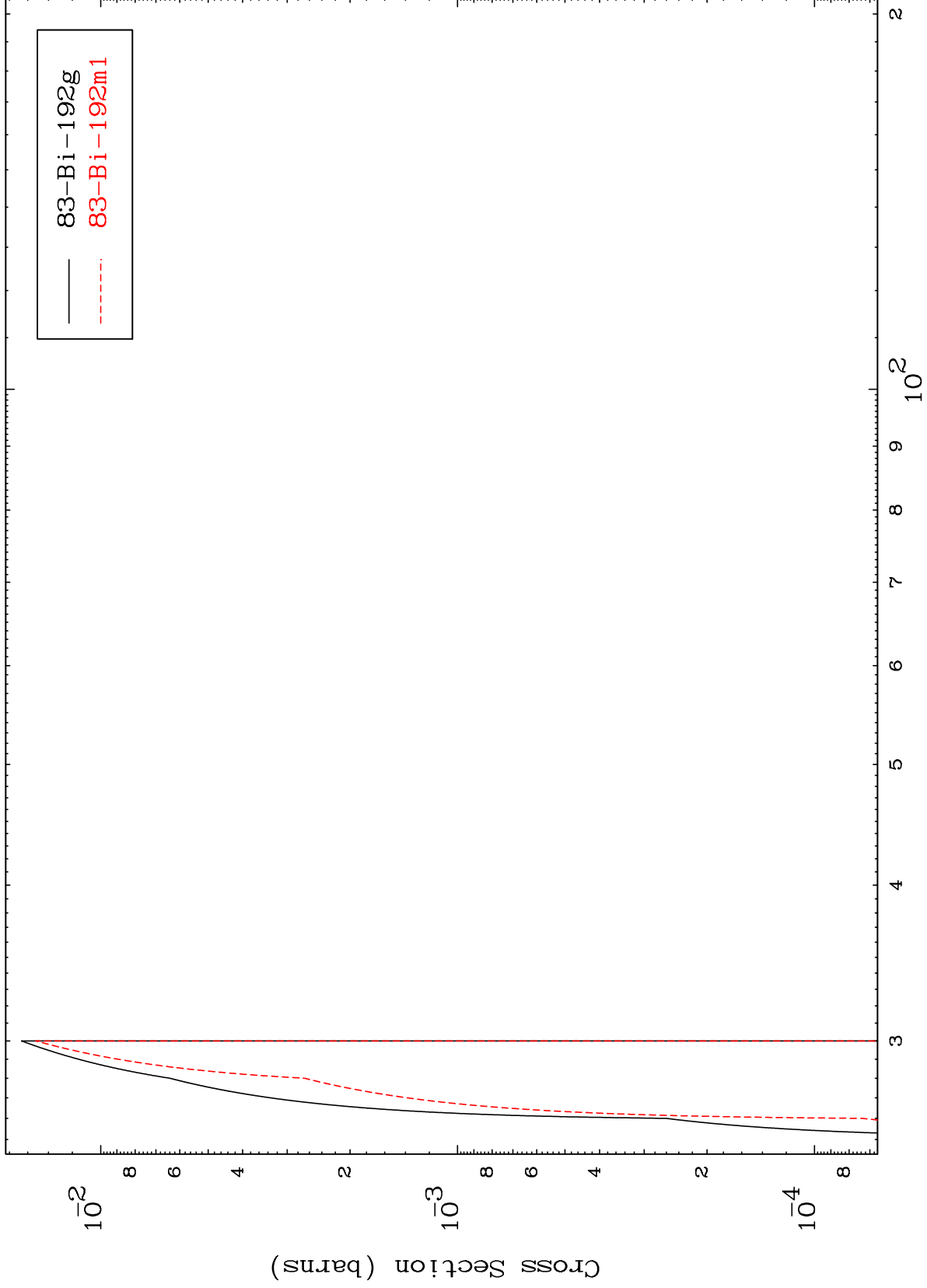
Radionuclide Production Cross Section



MAT 8086

81-Tl-190

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



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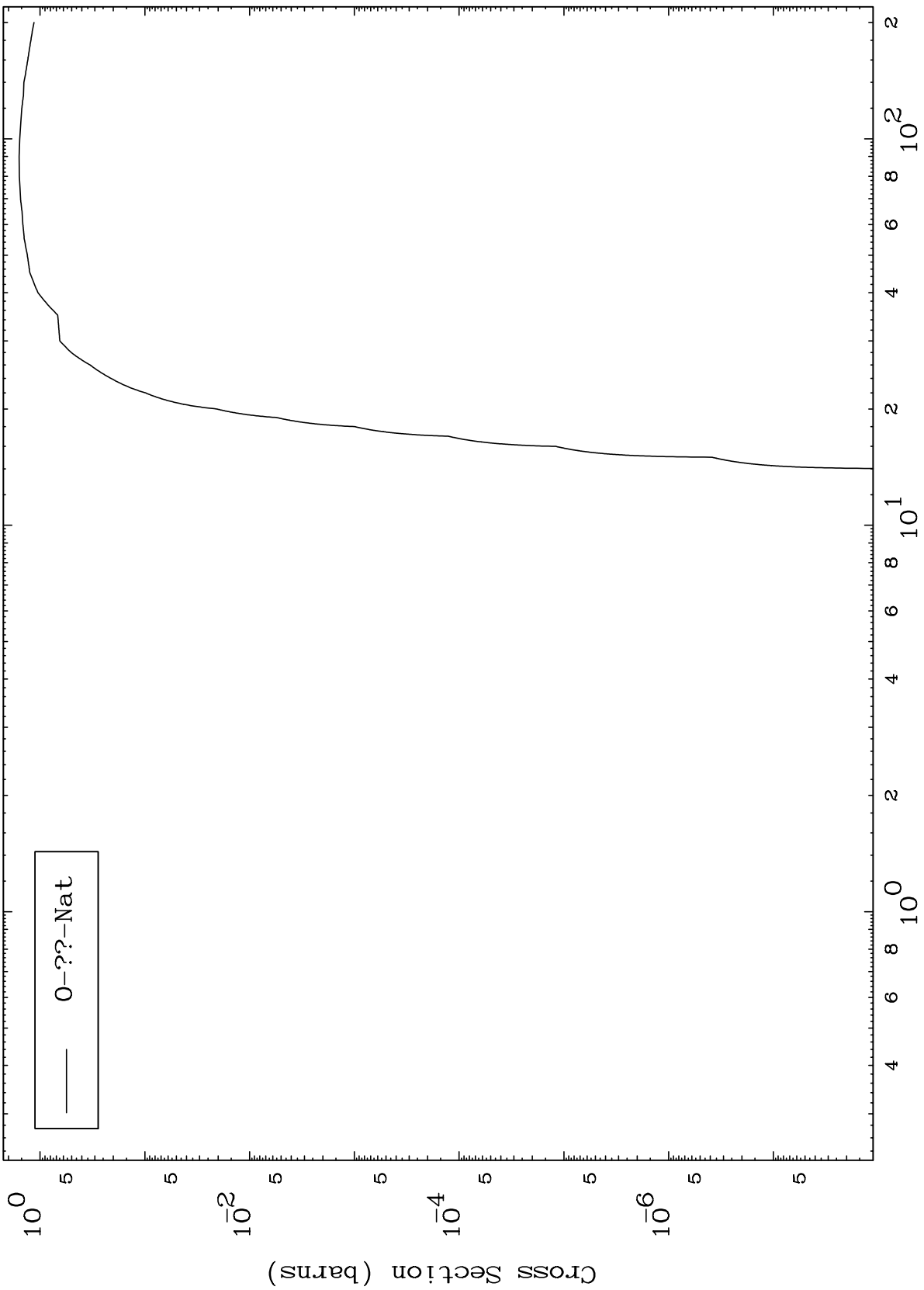
Incident Energy (MeV)

81-Tl-190

MAT 8086

81-Tl-190

α Fission
Radionuclide Production Cross Section

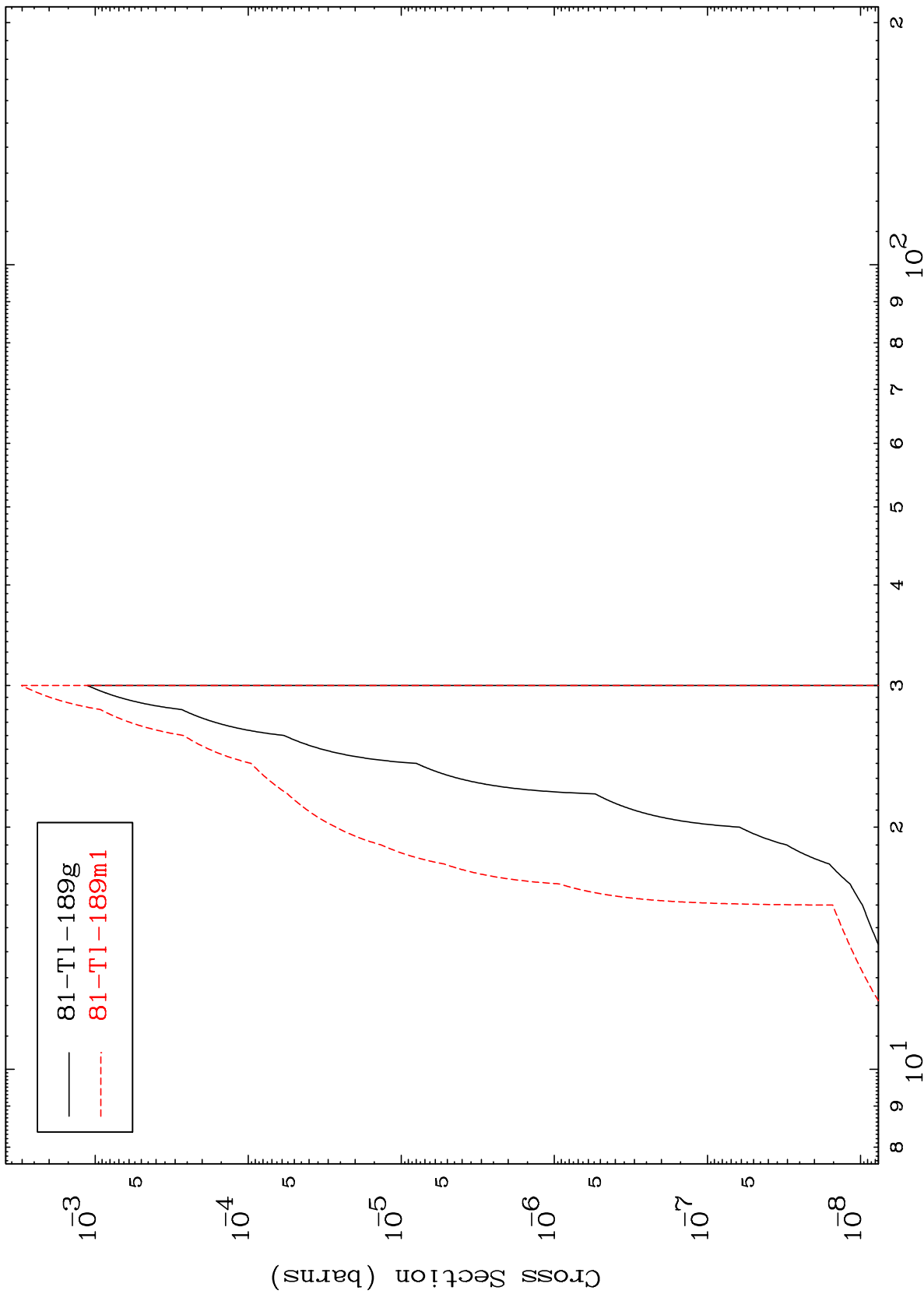


MAT 8086

(α, n') α

81-Tl-190

Radionuclide Production Cross Section



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Incident Energy (MeV)

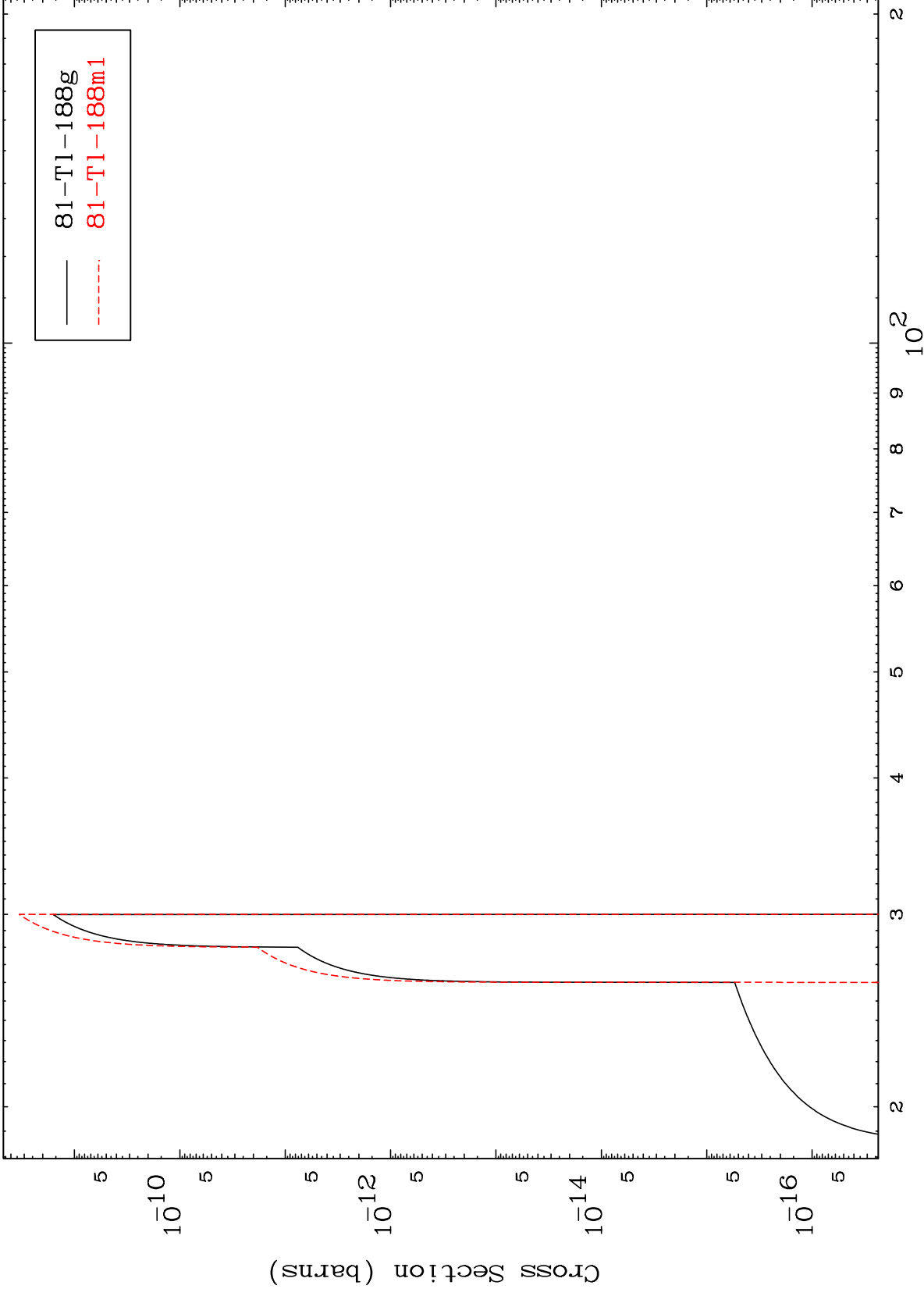
81-Tl-190

MAT 8086

$(\alpha, 2n)$ α

81-Tl-190

Radionuclide Production Cross Section

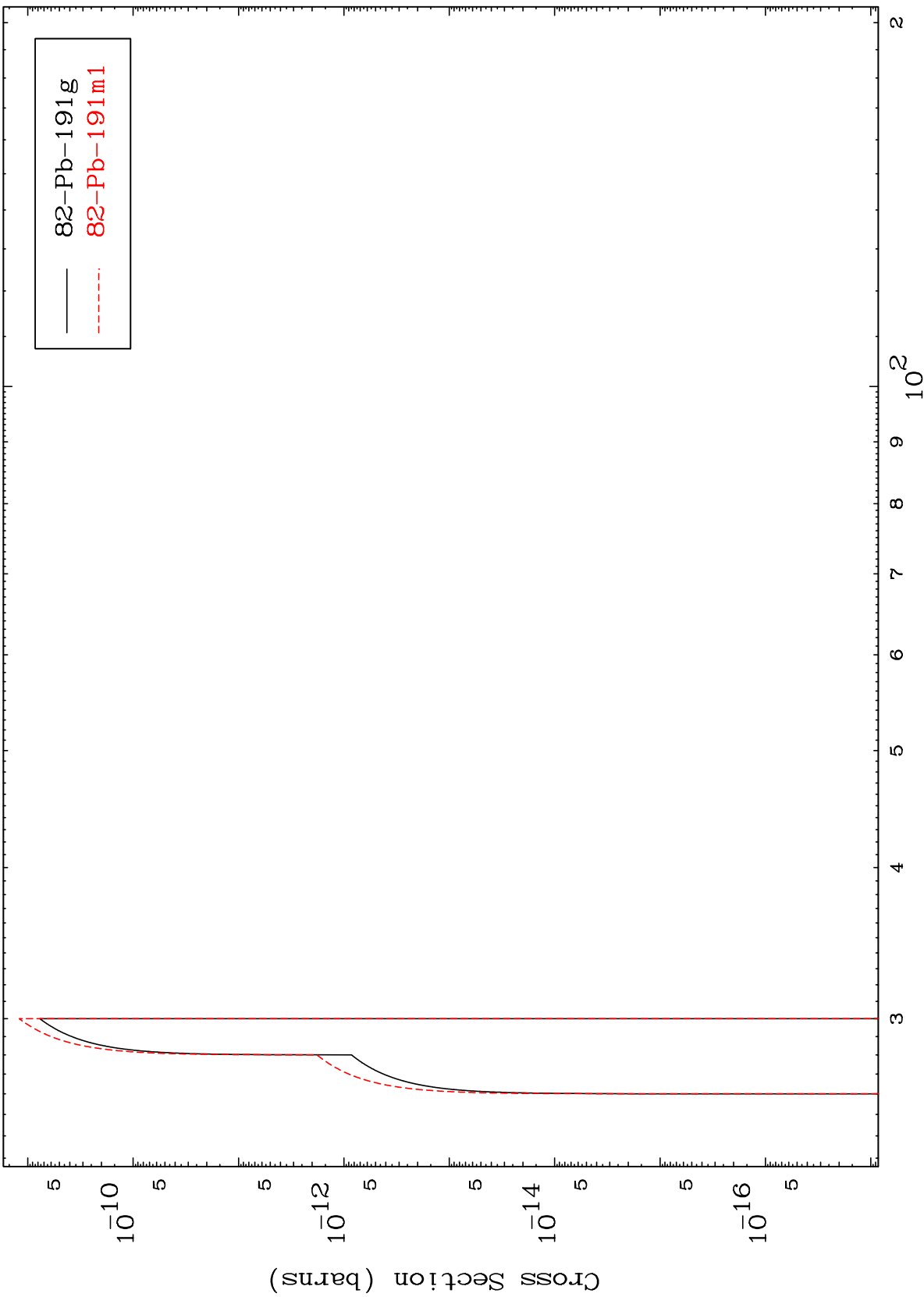


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Incident Energy (MeV)

81-Tl-190

Radionuclide Production Cross Section

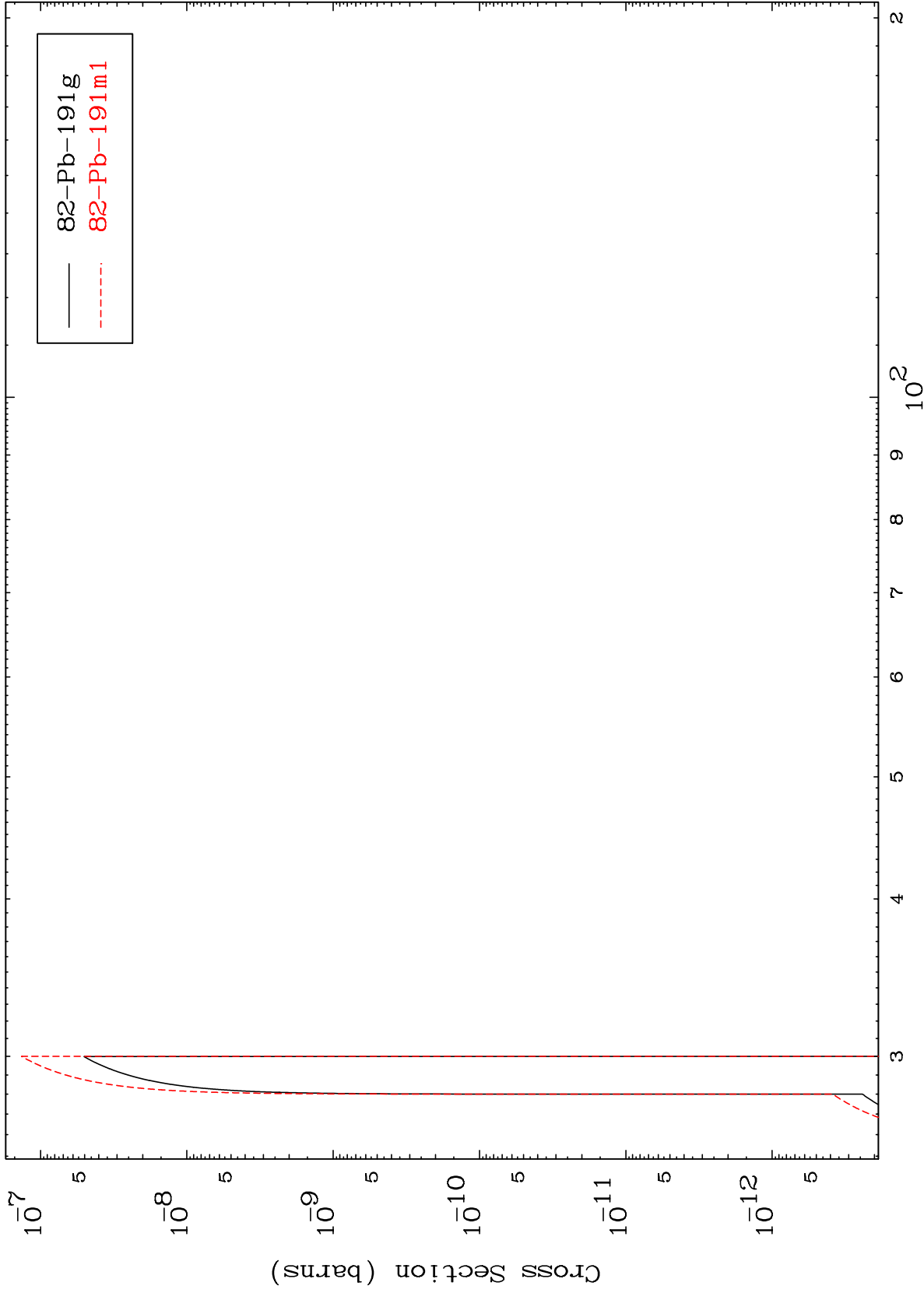


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$(\alpha, 2n)$ p

81-T1-190

Radionuclide Production Cross Section



17

Incident Energy (MeV)

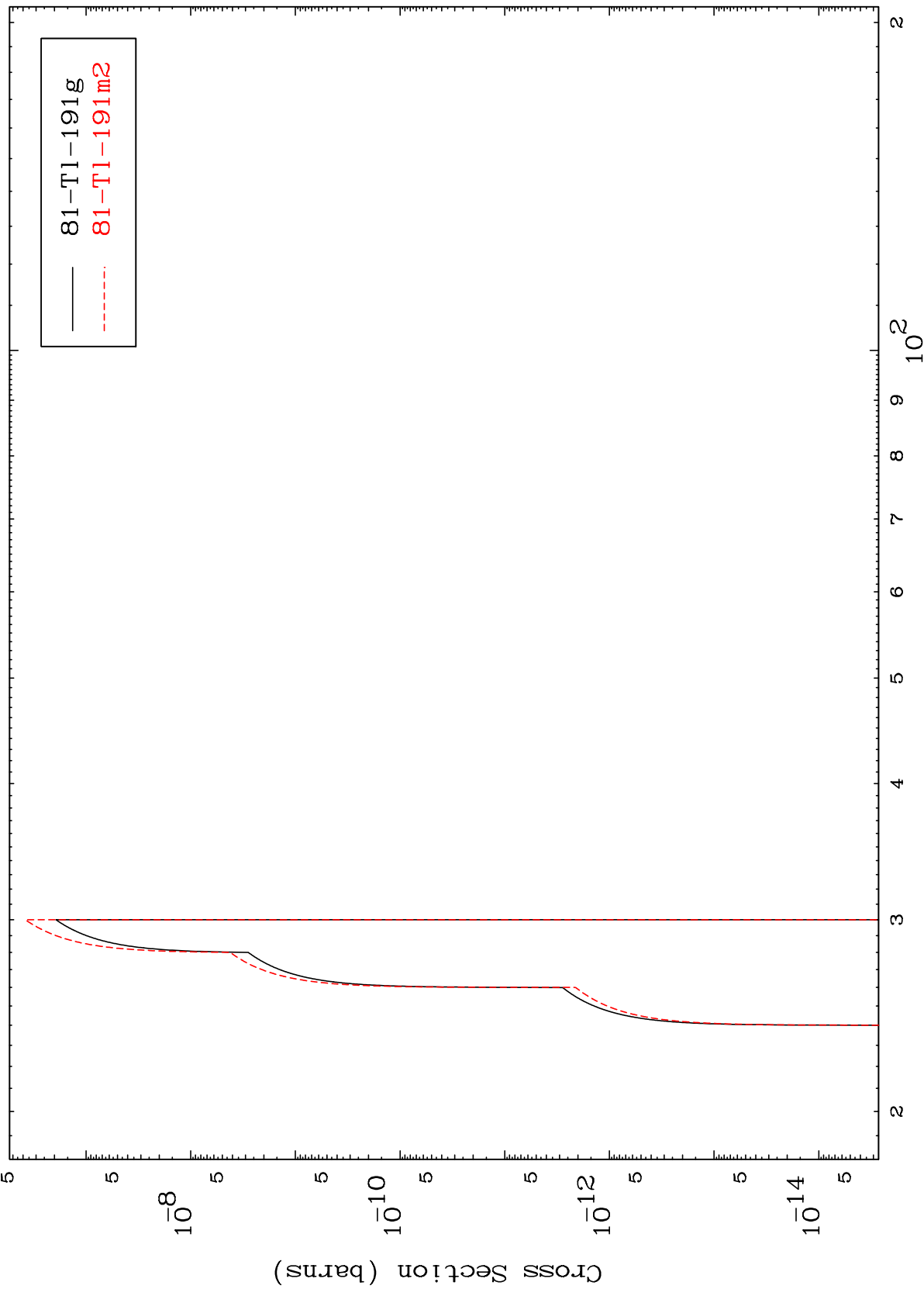
81-T1-190

MAT 8086

$(\alpha, 2n)$ p

81-Tl-190

Radionuclide Production Cross Section

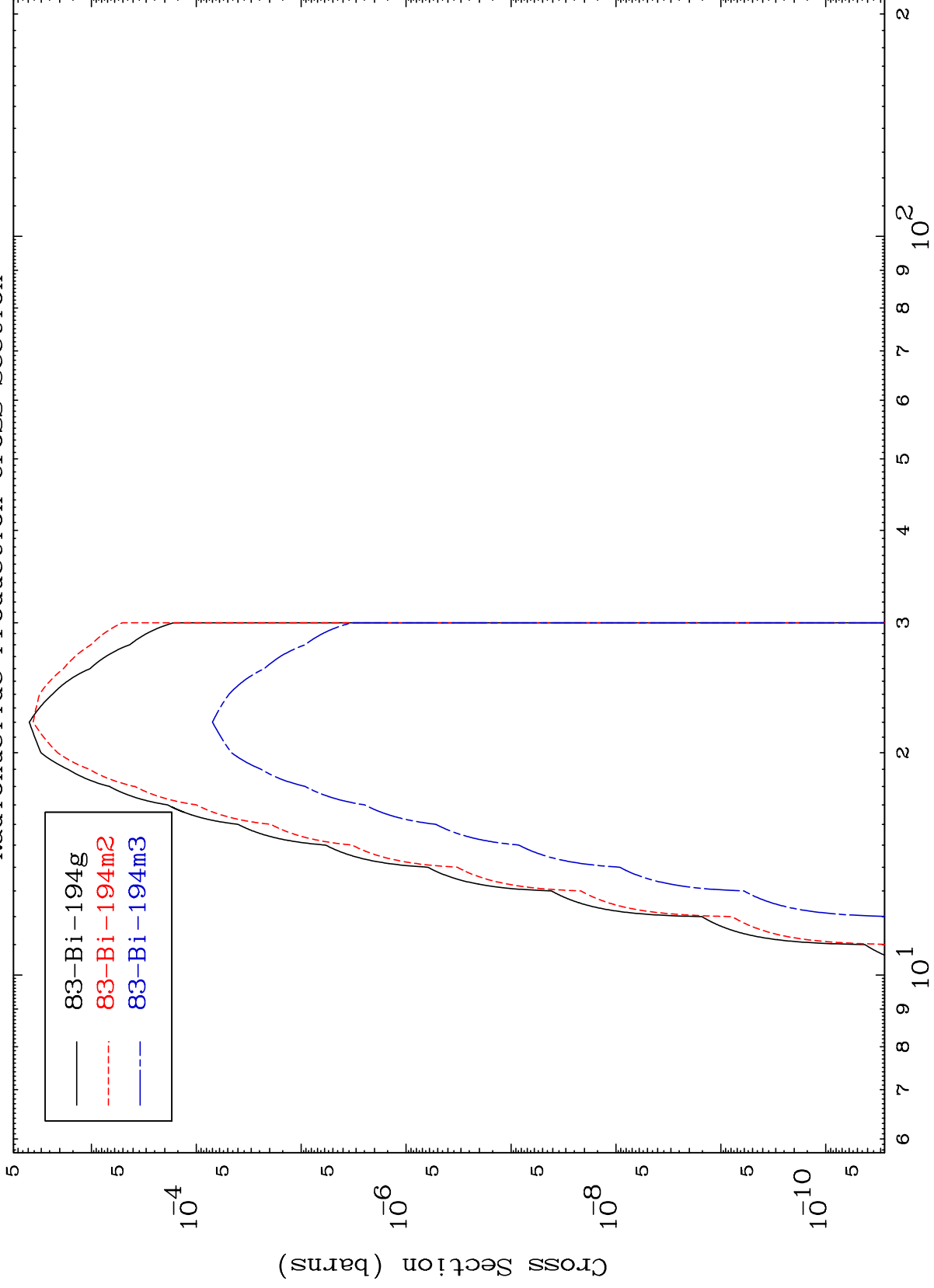


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Incident Energy (MeV)

81-Tl-190

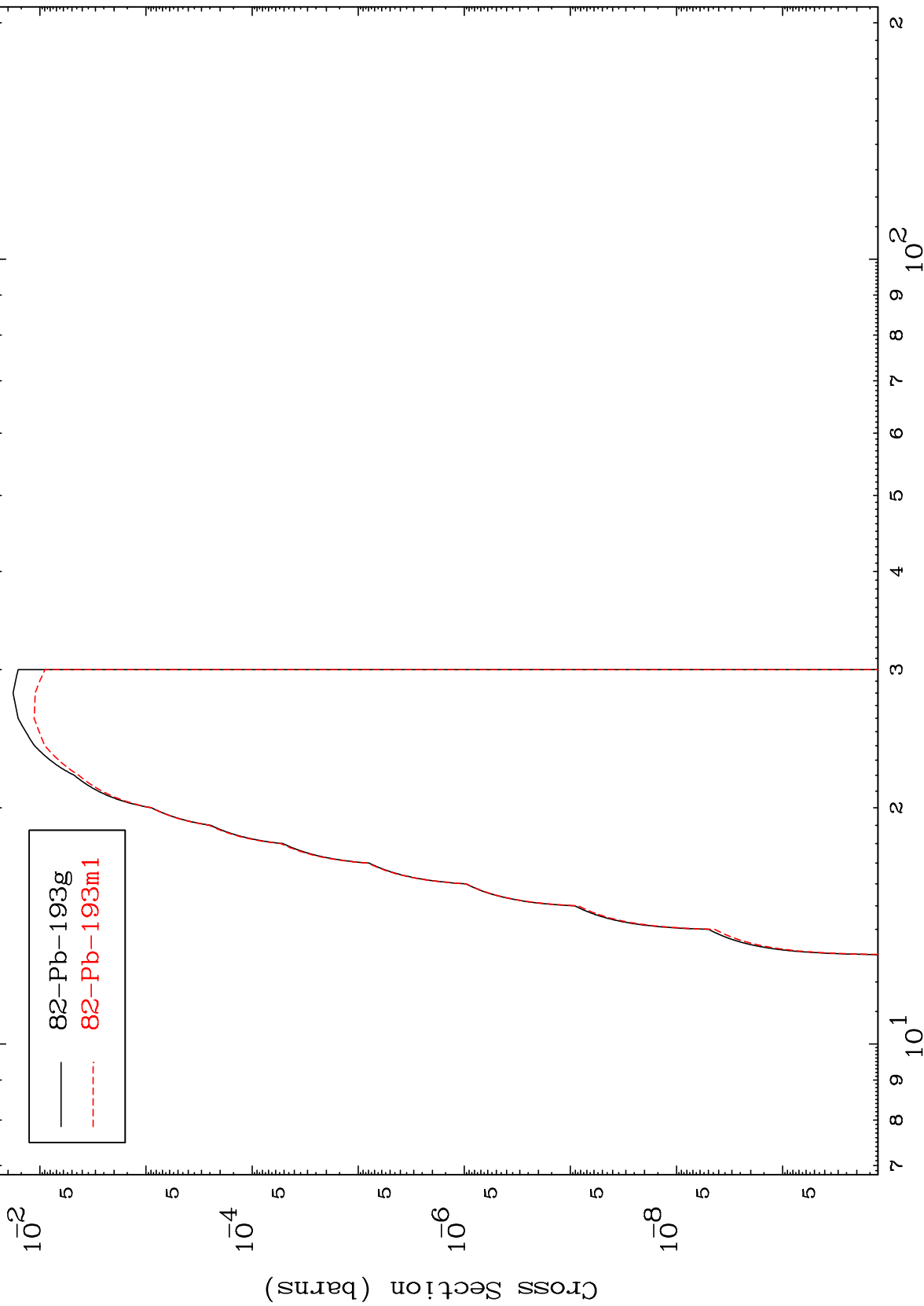
Radionuclide Production Cross Section
(α, γ)



MAT 8086

81-Tl-190

(α, p)
Radionuclide Production Cross Section



20

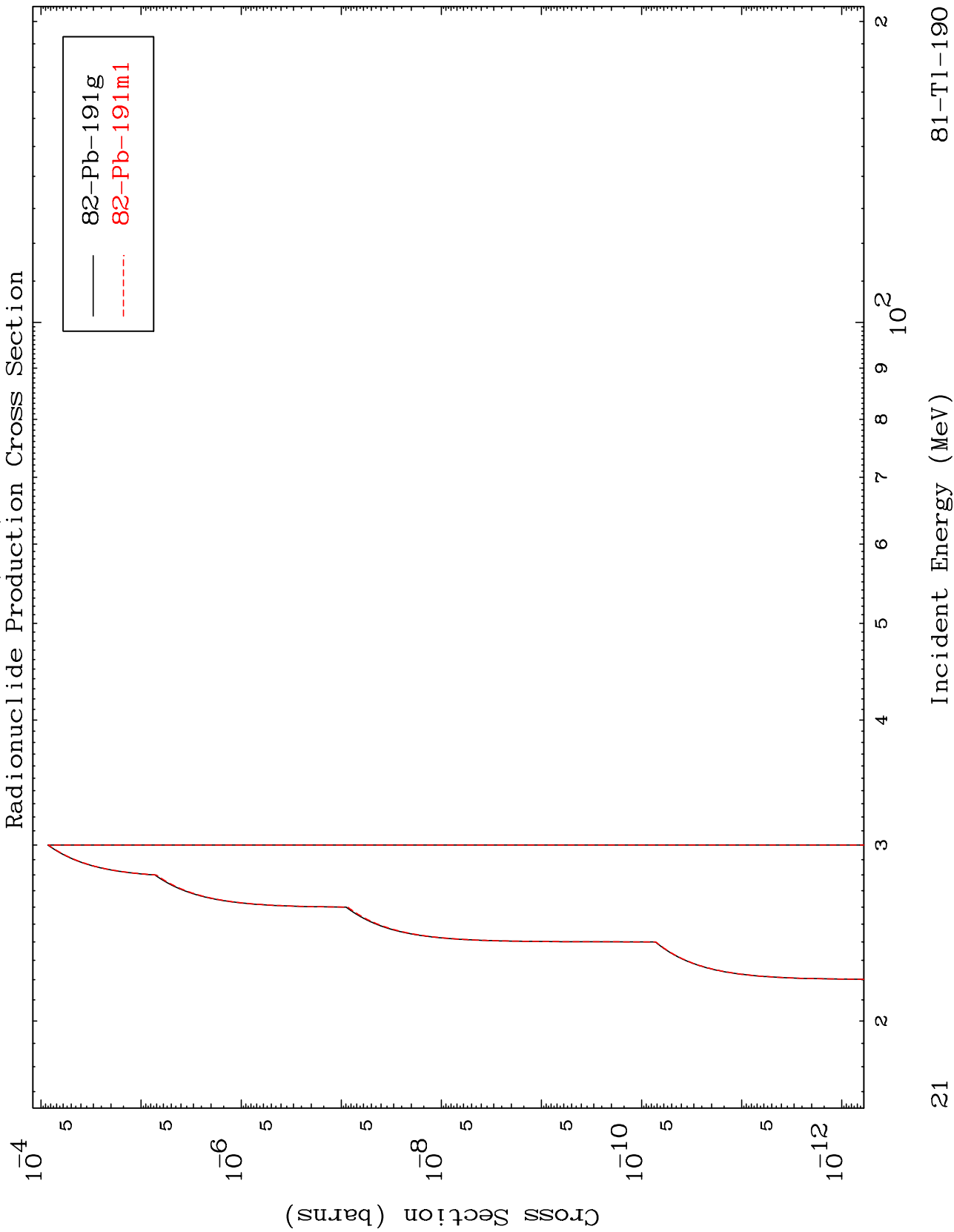
Incident Energy (MeV)

81-Tl-190

MAT 8086

(α, t)

81-T1-190

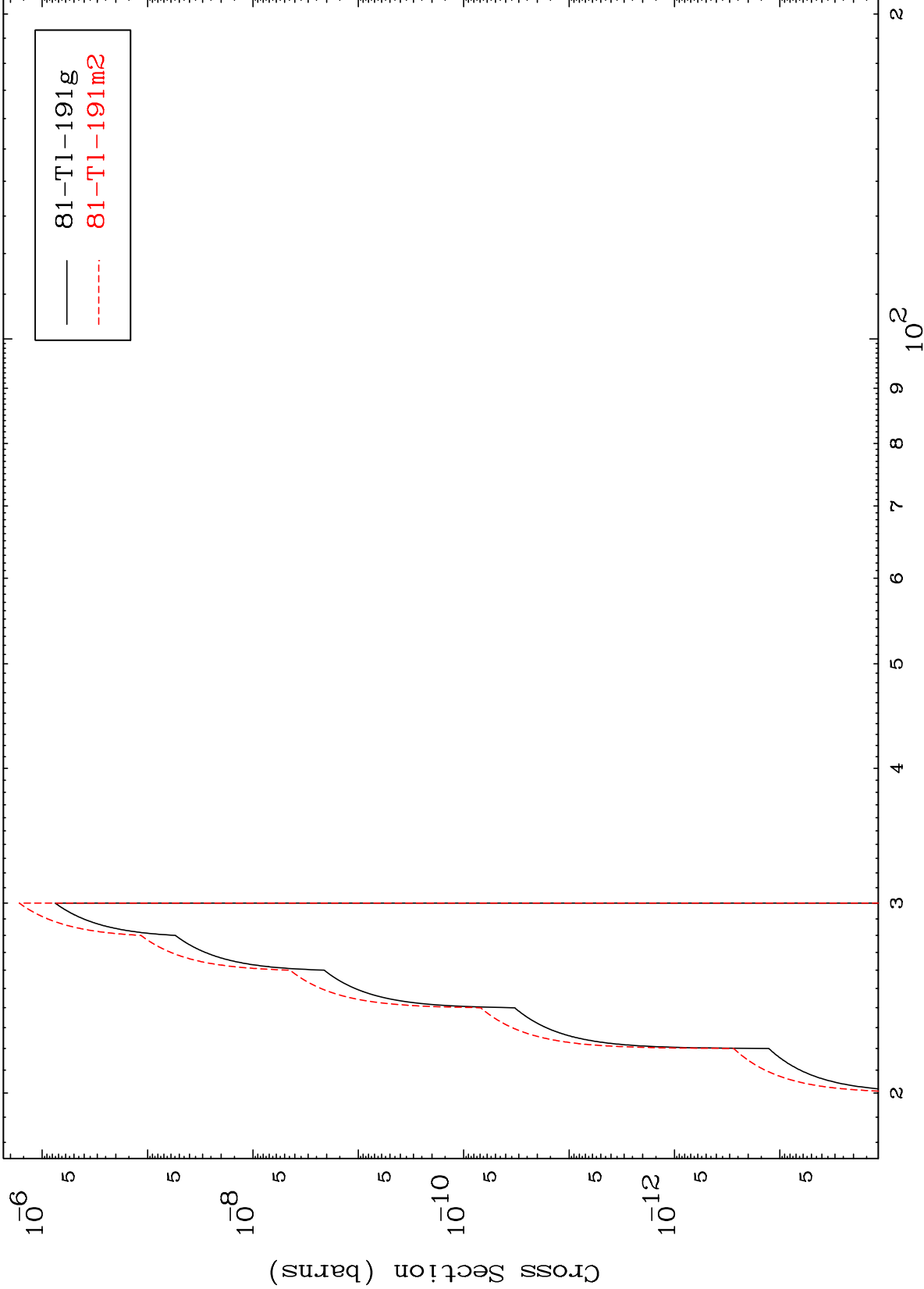


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Incident Energy (MeV)

81-T1-190

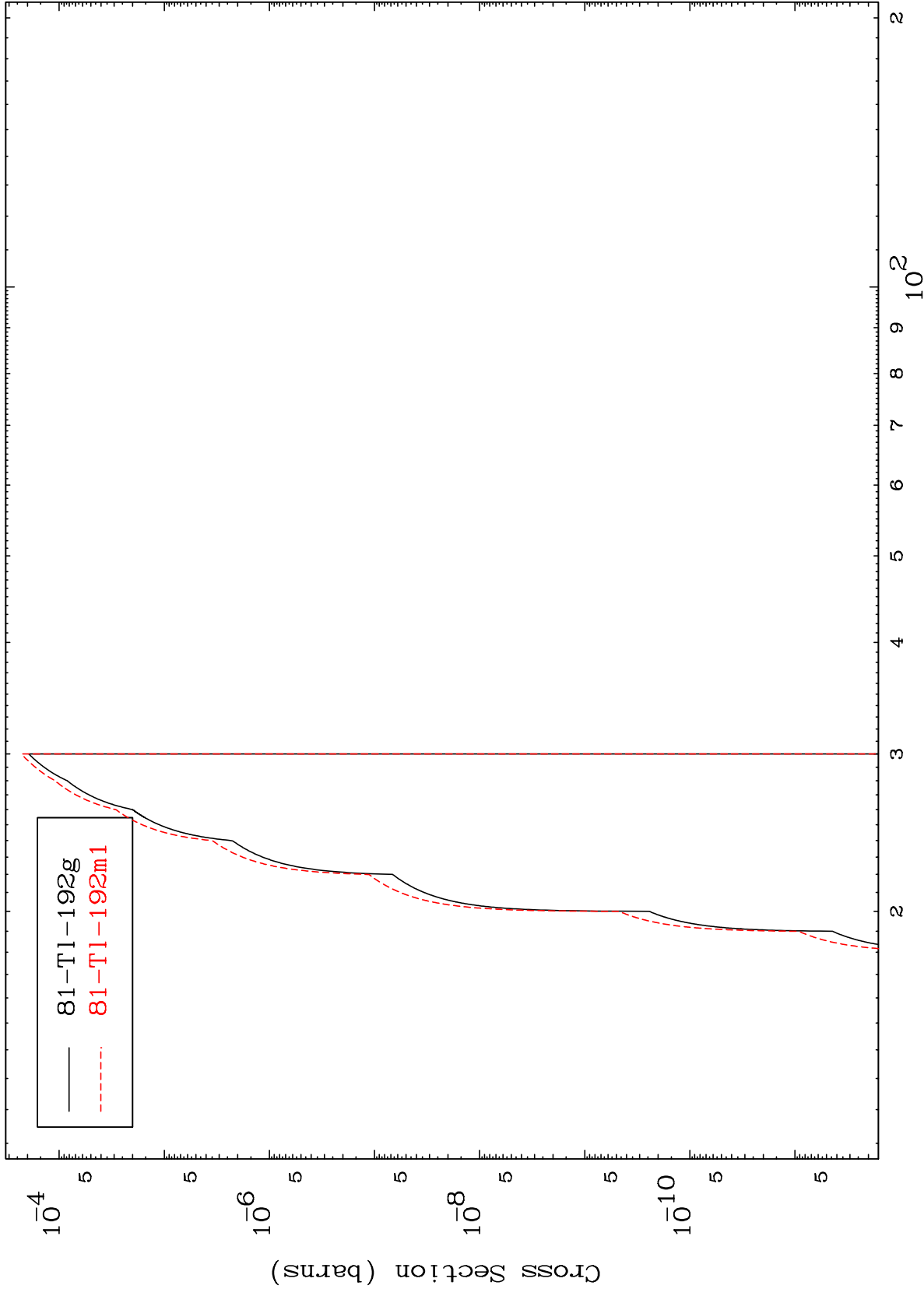
Radionuclide Production Cross Section



MAT 8086

81-Tl-190

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



Incident Energy (MeV)

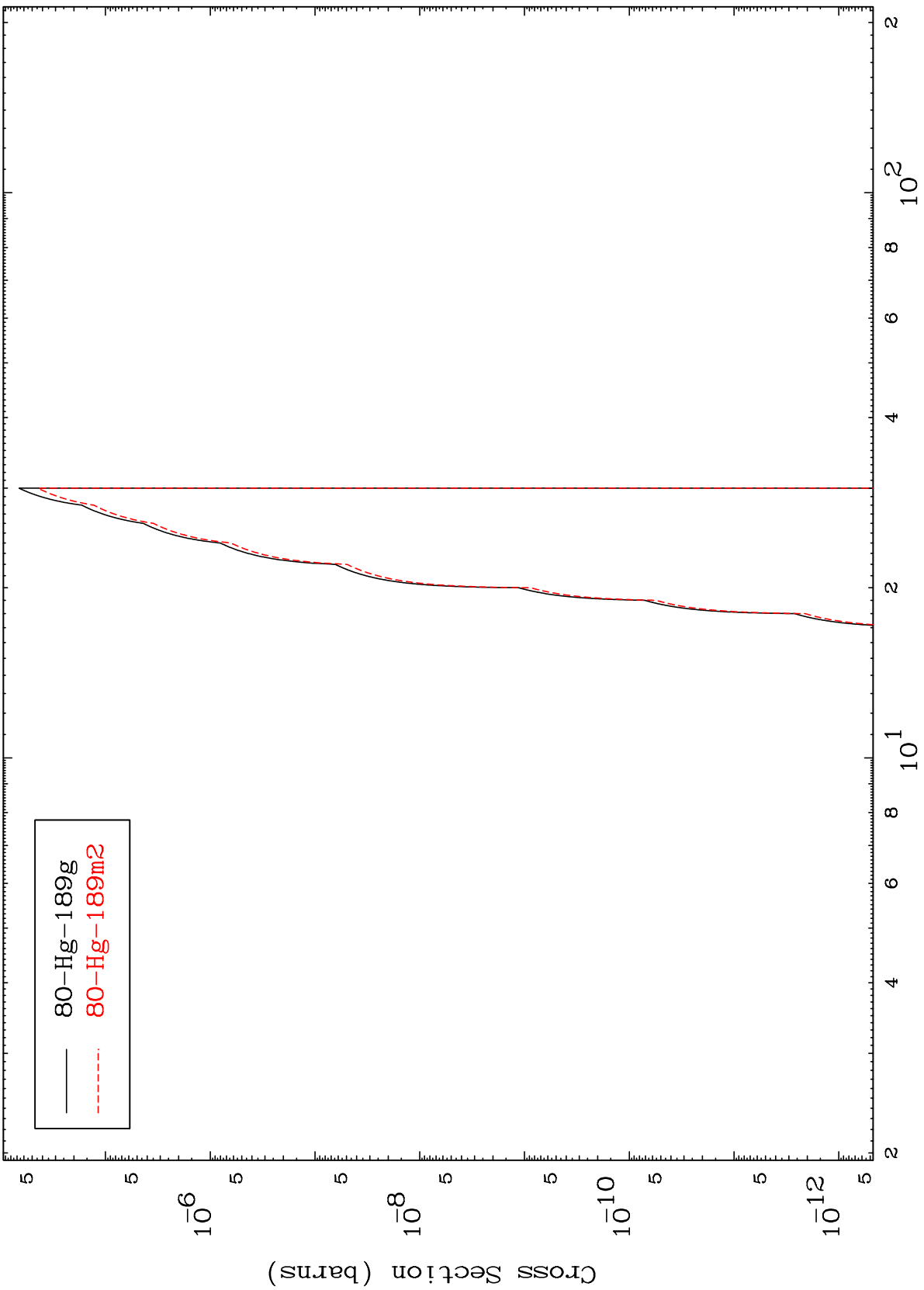
81-Tl-190

MAT 8086

(α, p) α

81-Tl-190

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

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Incident Energy (MeV)

81-Tl-190

Radionuclide Production Cross Section

