

Program EVALPLOT
(Version 2021-1)

by

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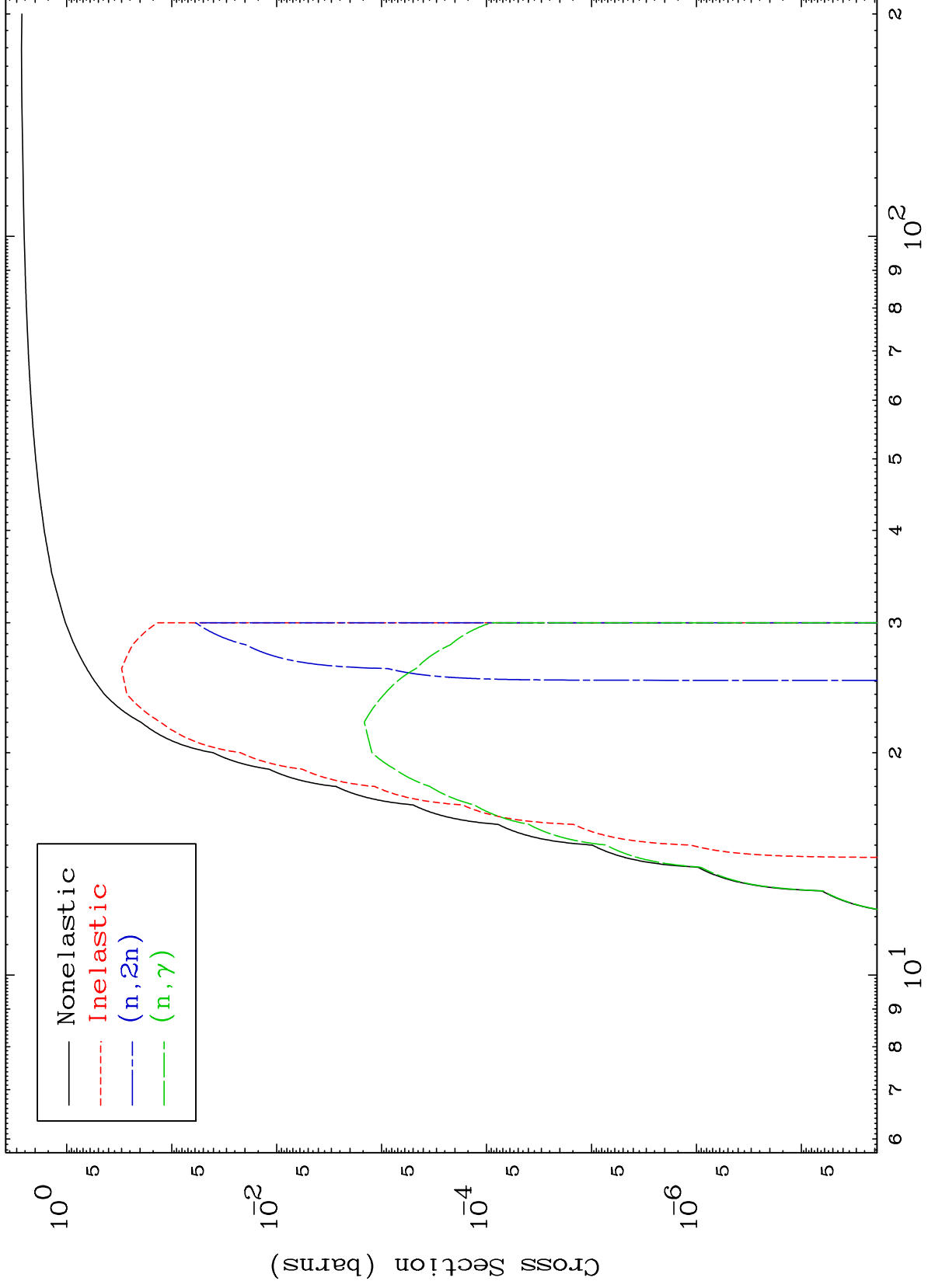
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8086

0 Kelvin Cross Sections

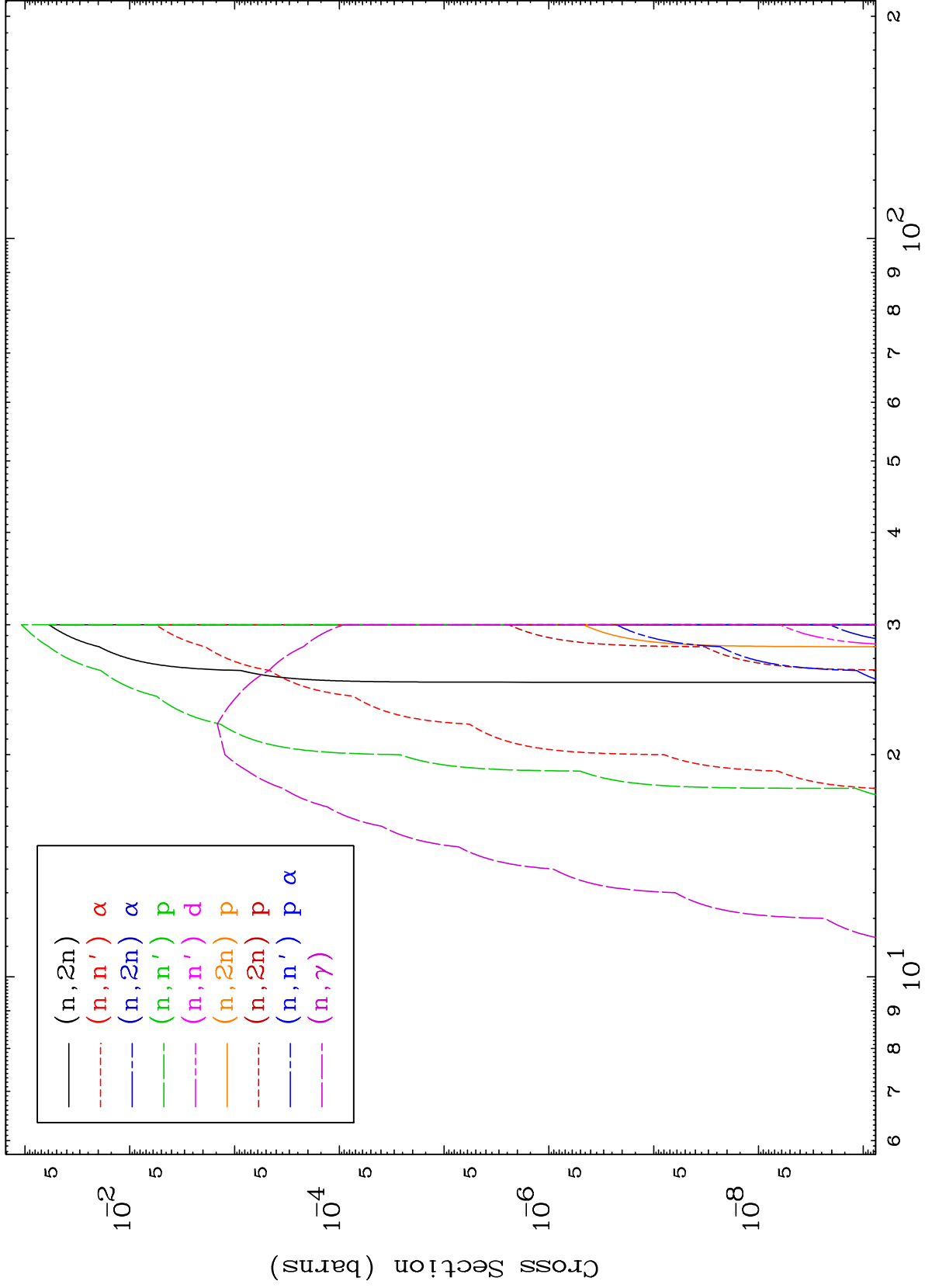
81-Tl-190



1

Incident Energy (MeV)

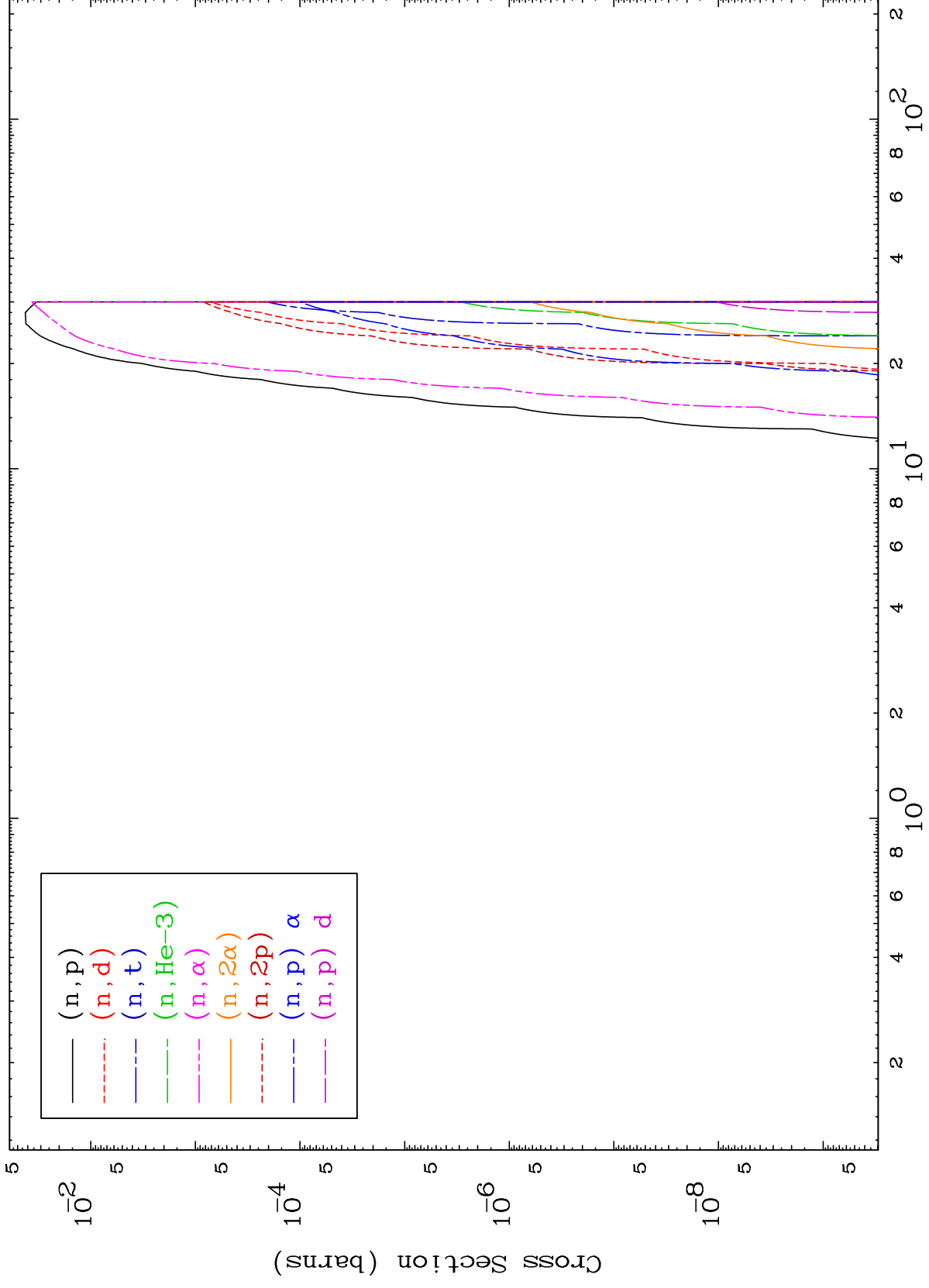
81-Tl-190



MAT 8086

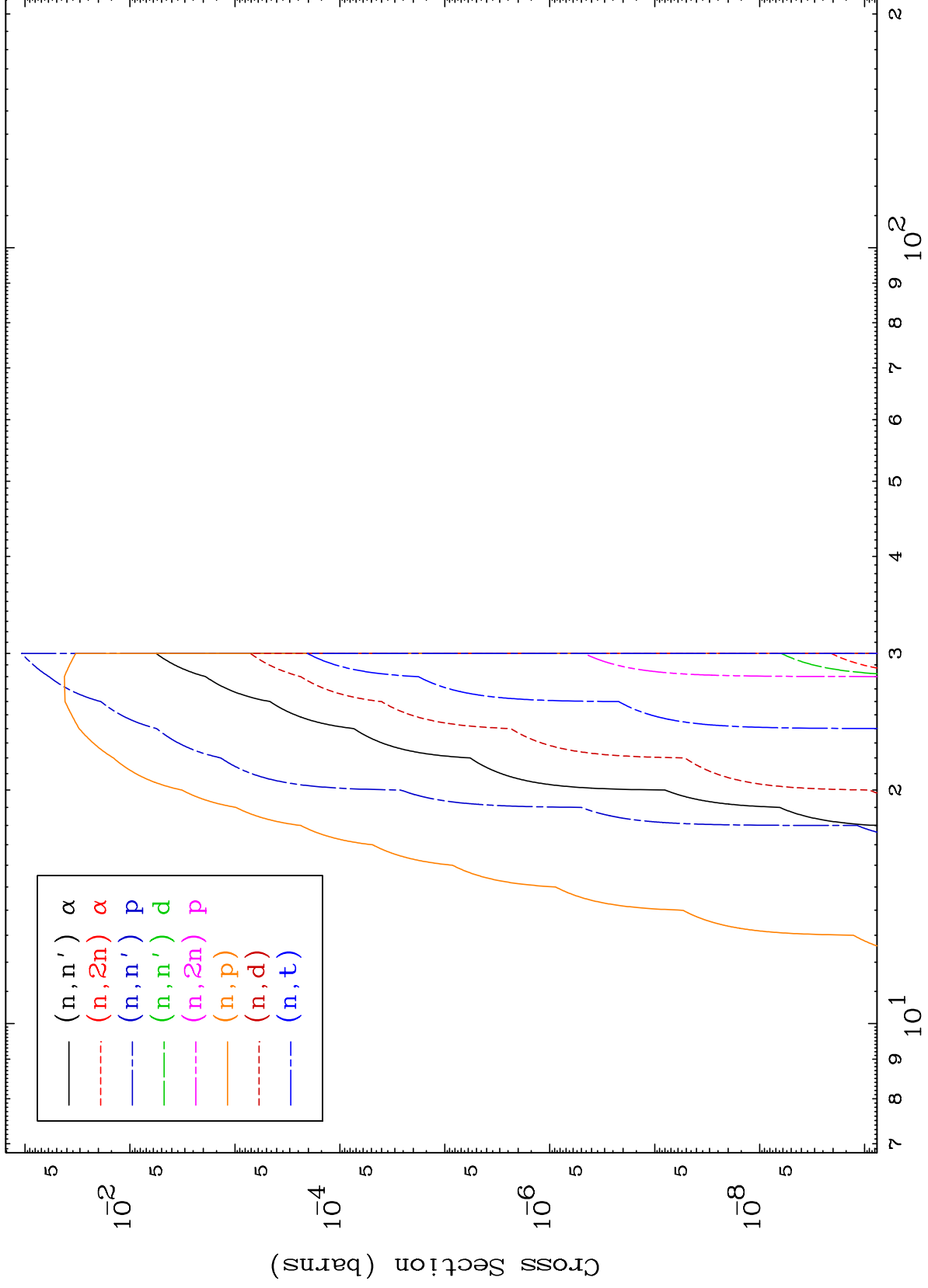
α Neutron Absorption
0 Kelvin Cross Sections

81-Tl-190



Incident Energy (MeV)

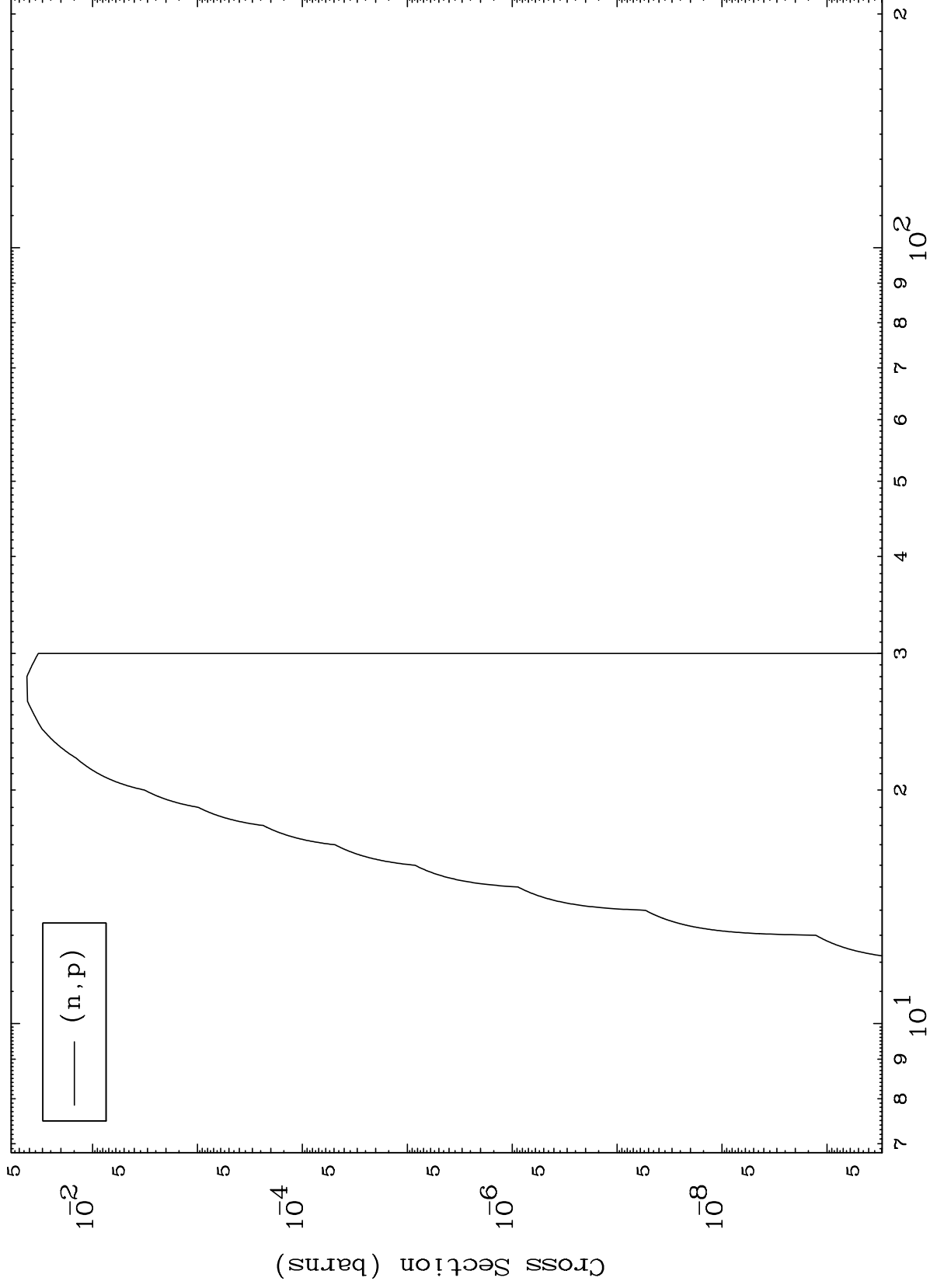
81-Tl-190



MAT 8086

(α, p) Levels
0 Kelvin Cross Sections

81-Tl-190



6

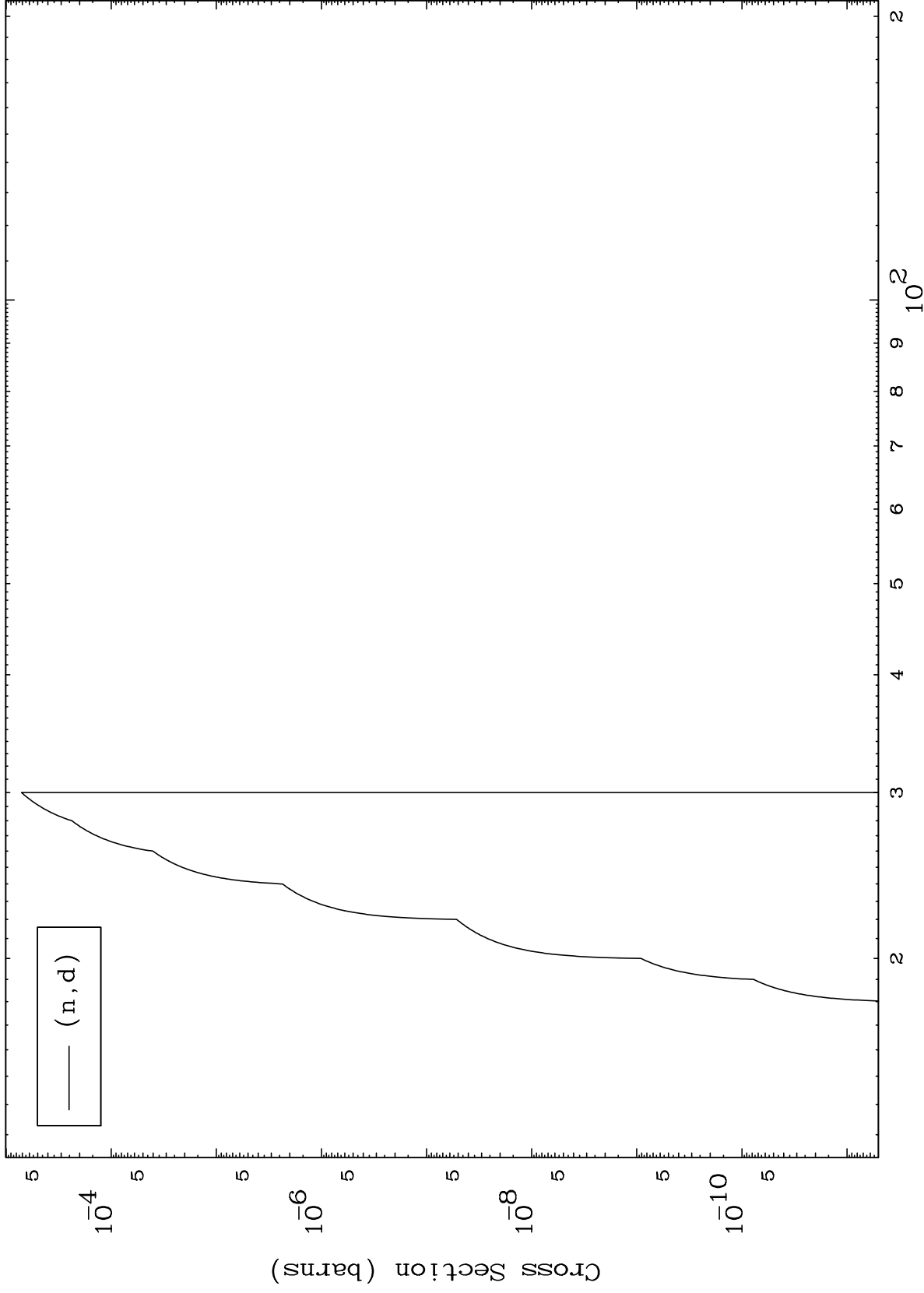
Incident Energy (MeV)

81-Tl-190

MAT 8086

(α, d) Levels
0 Kelvin Cross Sections

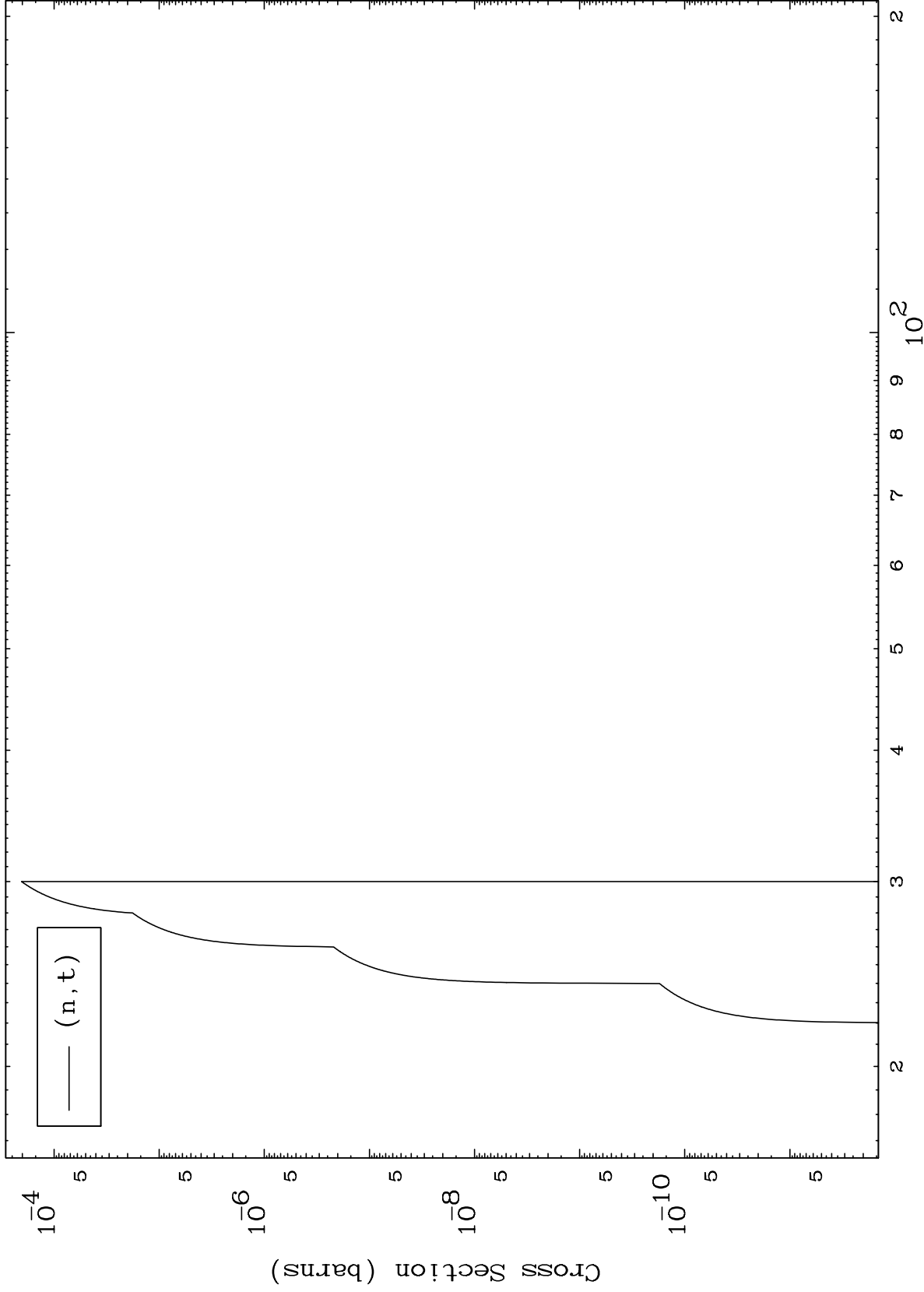
81-Tl-190

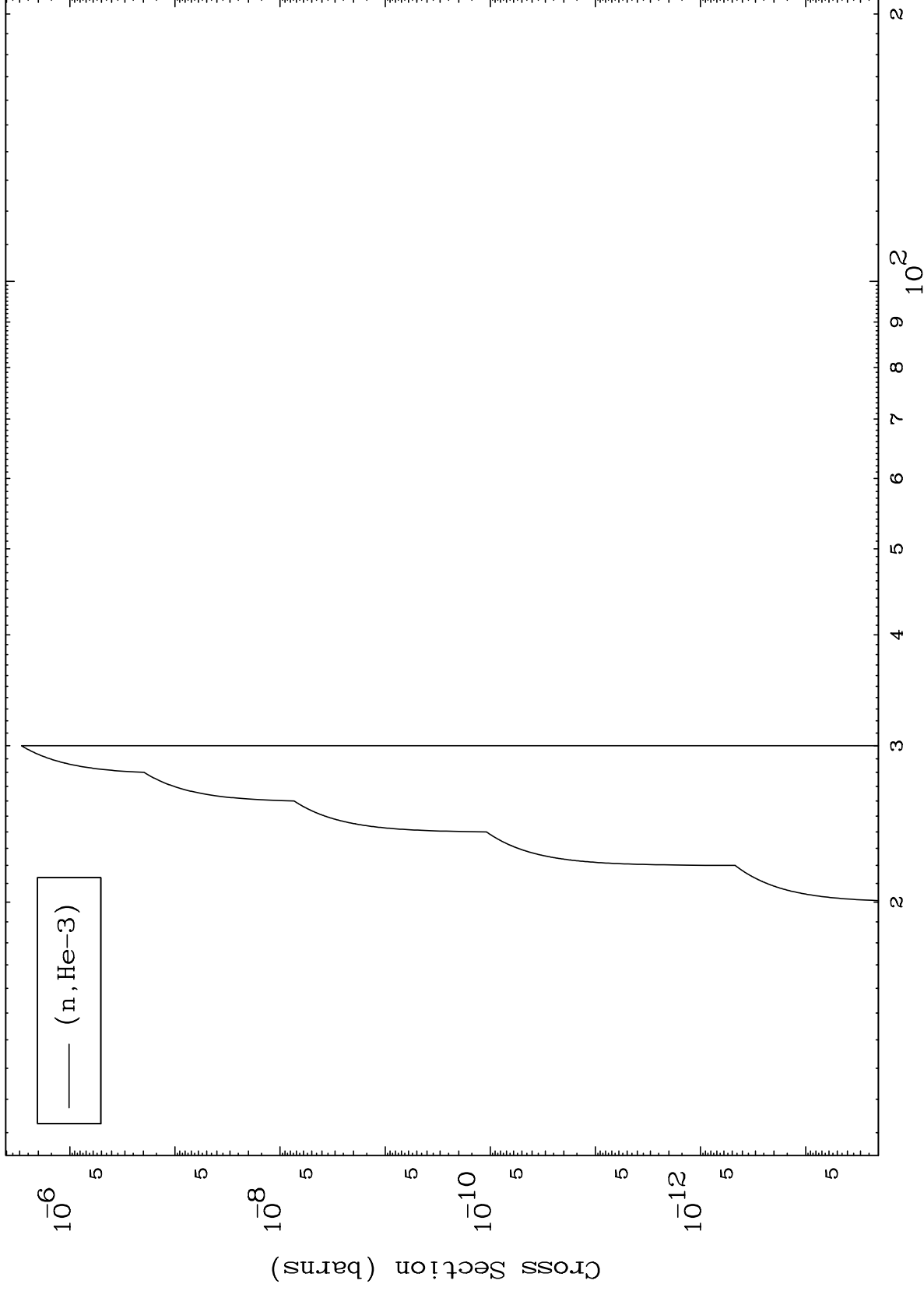


7

Incident Energy (MeV)

81-Tl-190



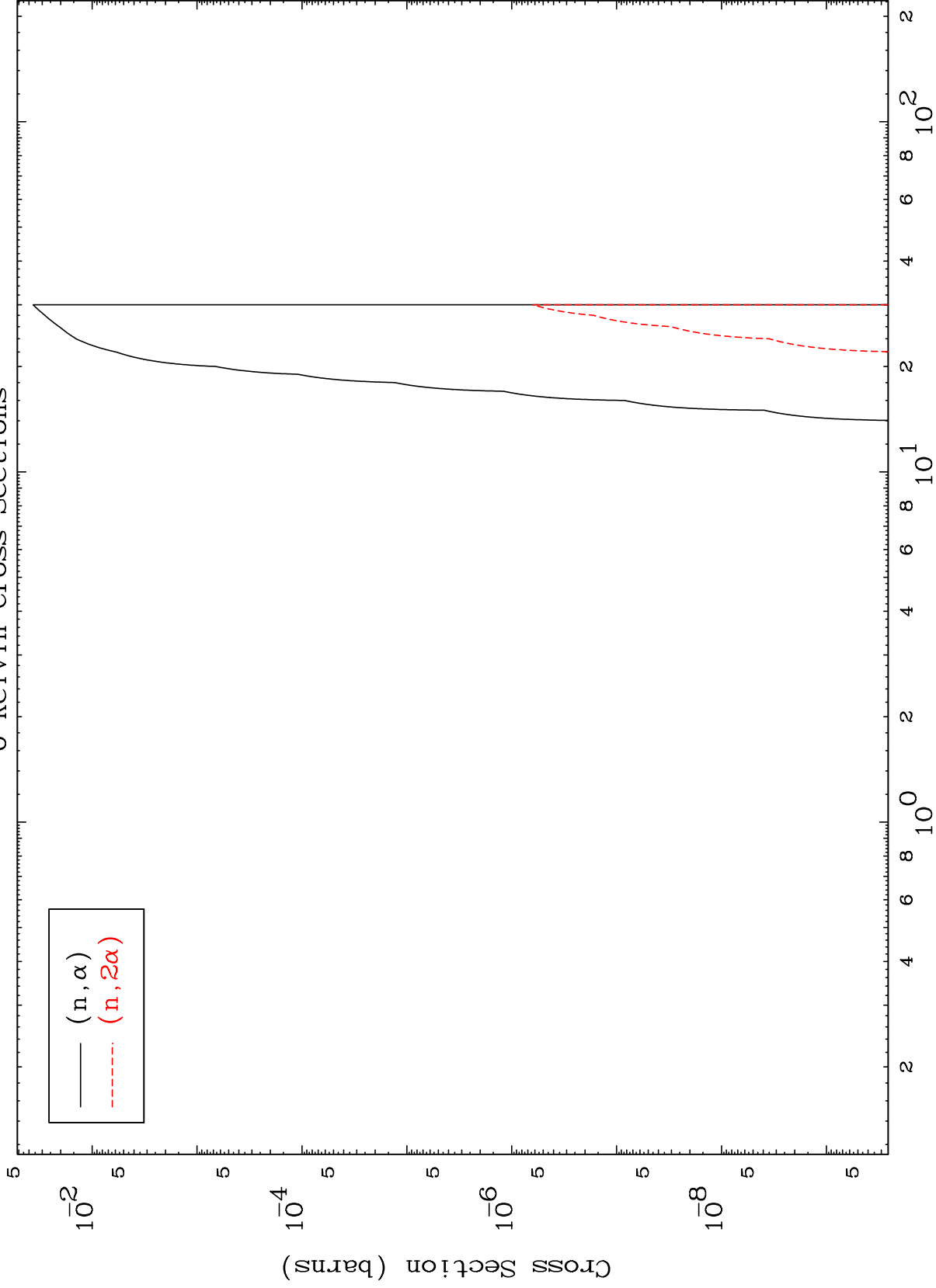


MAT 8086

(α, α) Levels

81-Tl-190

0 Kelvin Cross Sections

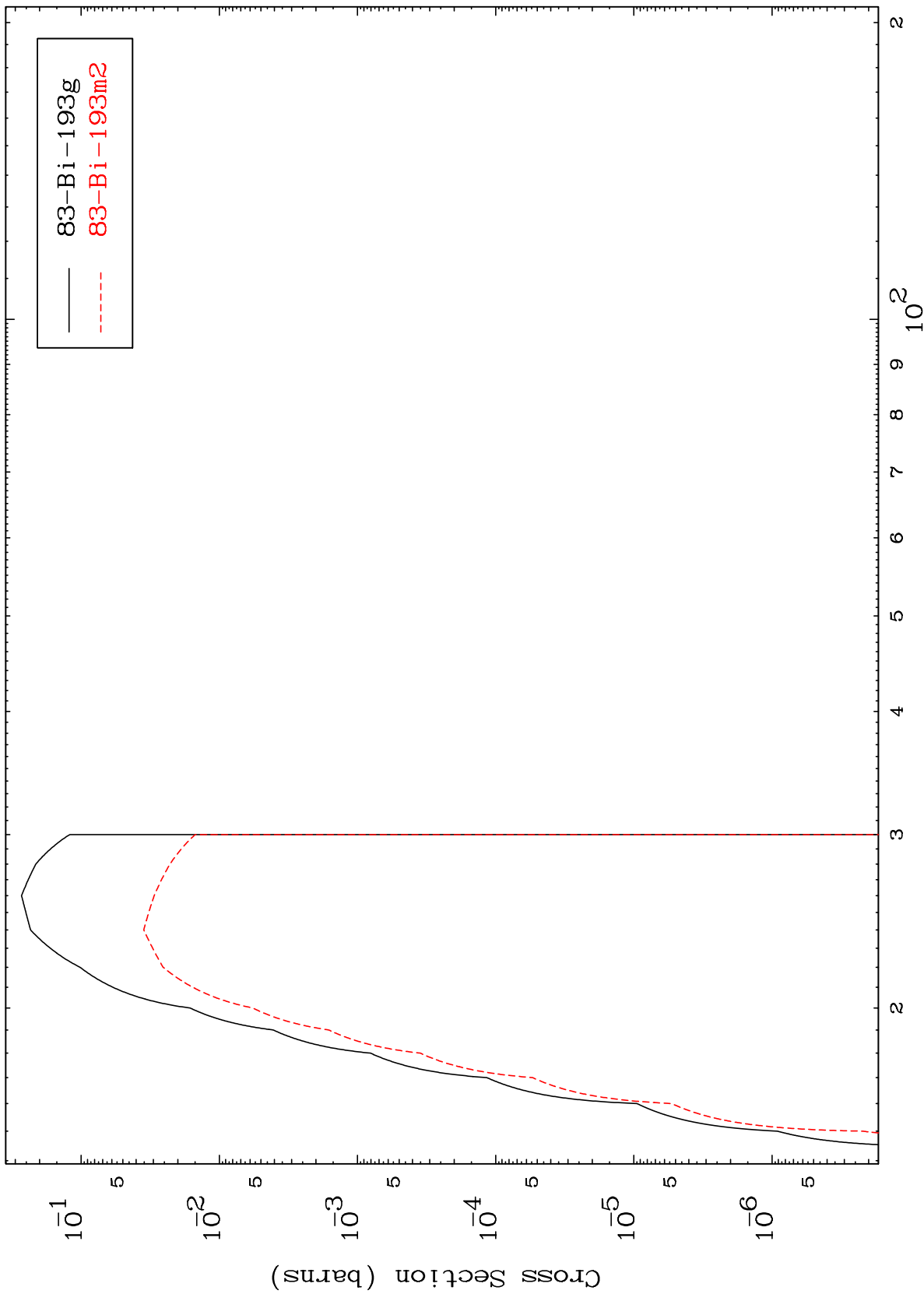


10

Incident Energy (MeV)

81-Tl-190

Inelastic
Radionuclide Production Cross Section

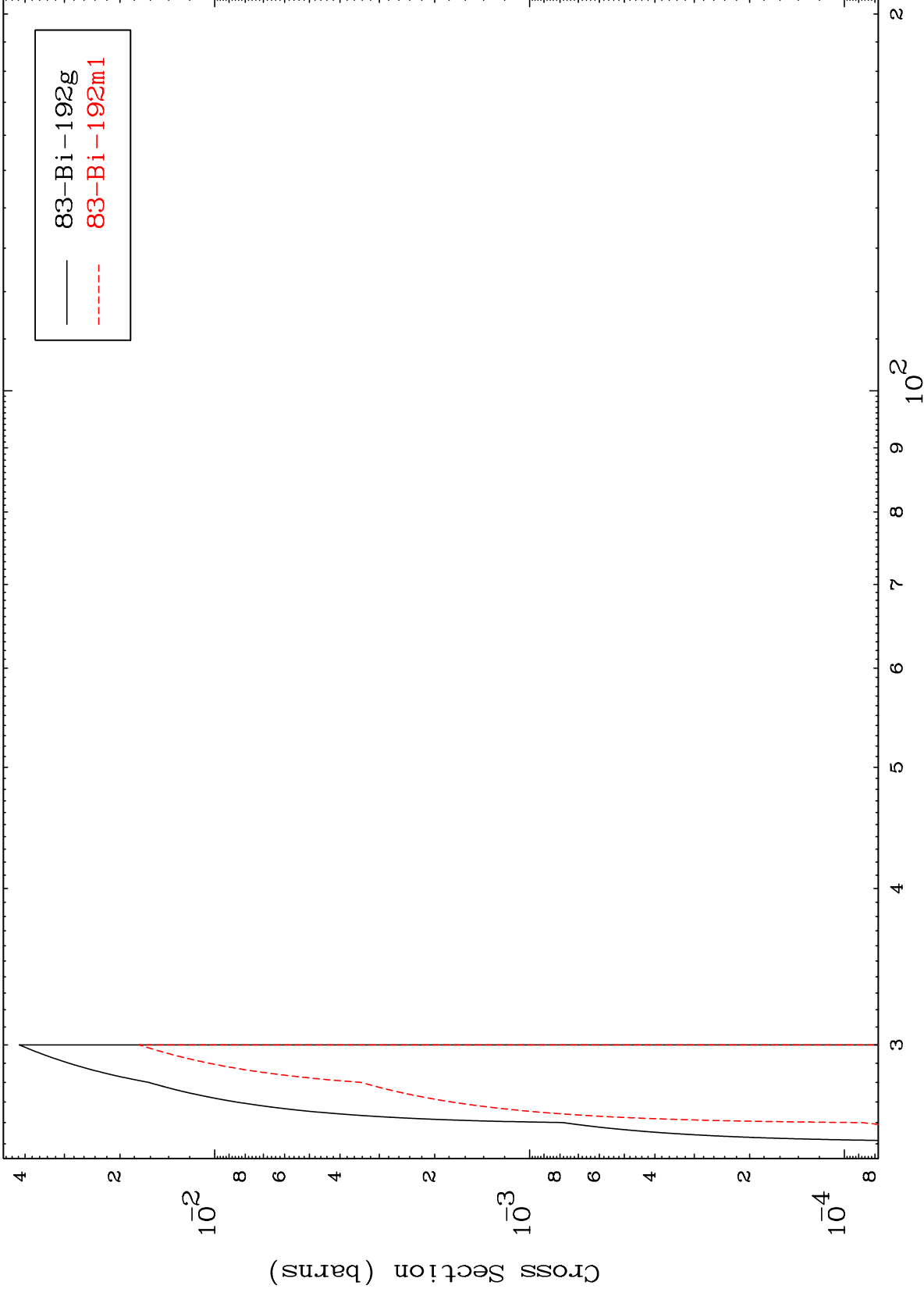


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(n,2n)

81-Tl-190

Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

12

Incident Energy (MeV)

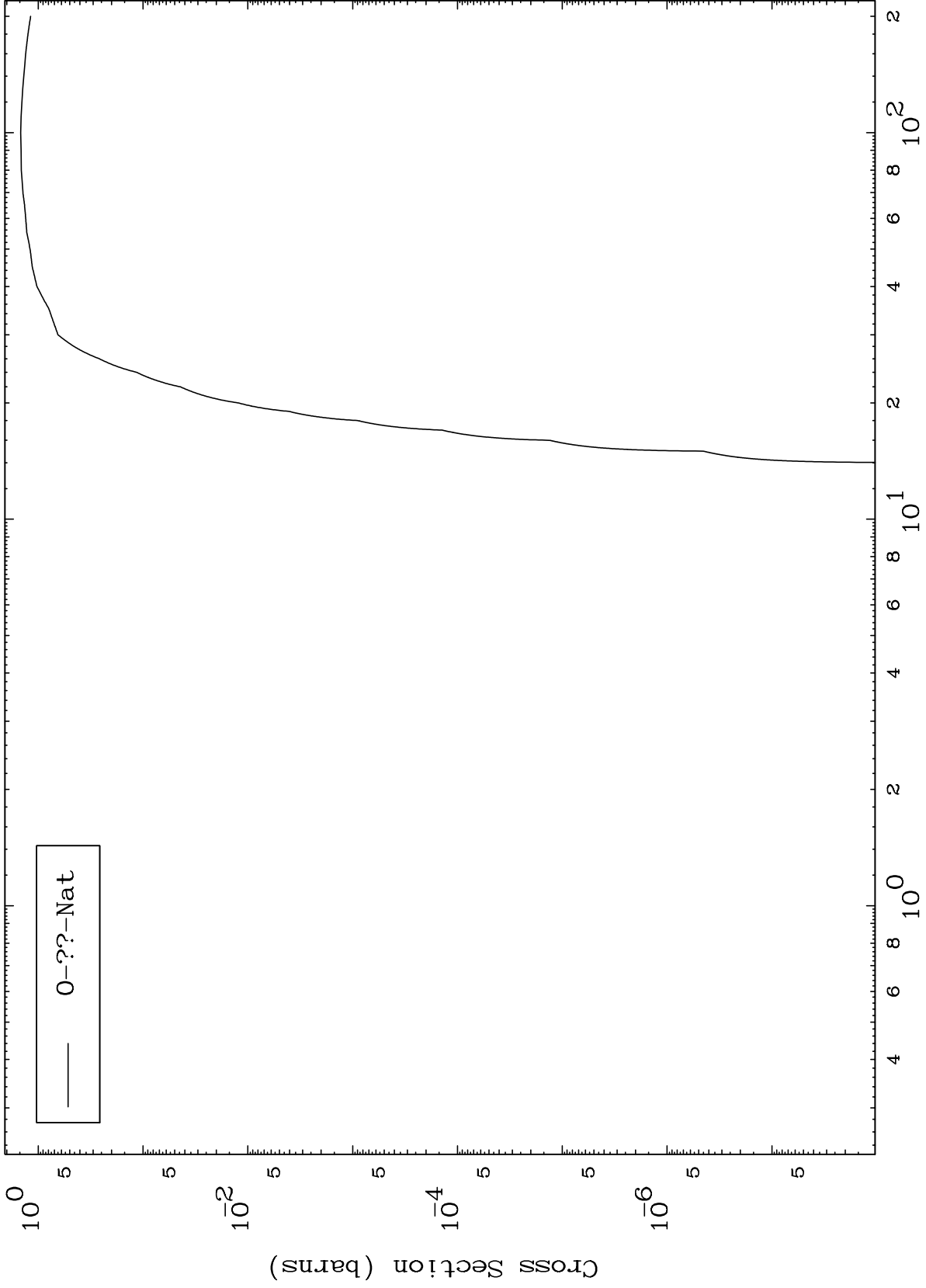
81-Tl-190

MAT 8086

Fission

81-Tl-190

Radionuclide Production Cross Section

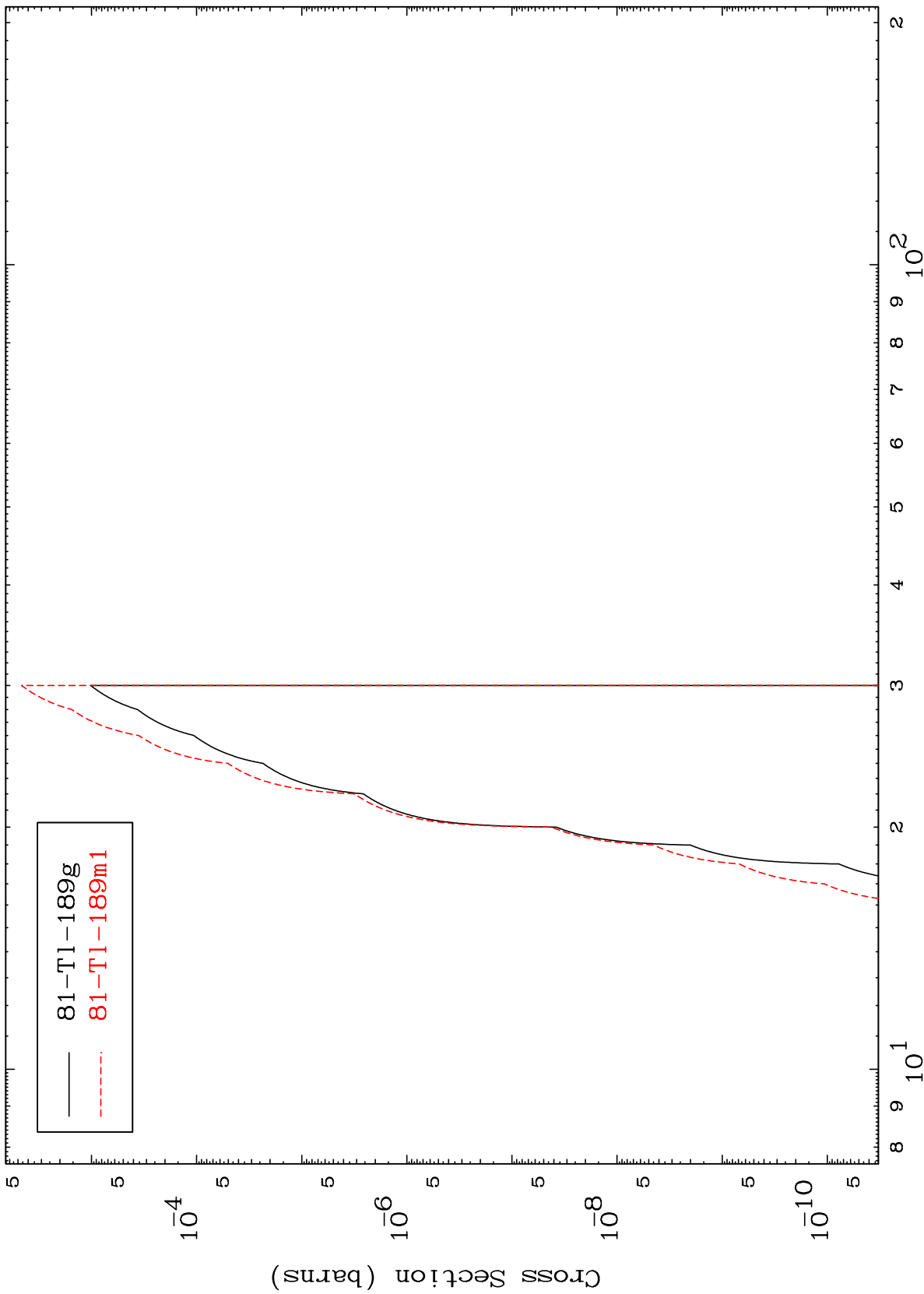


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(n,n') α

81-Tl-190

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

Incident Energy (MeV)

81-Tl-190

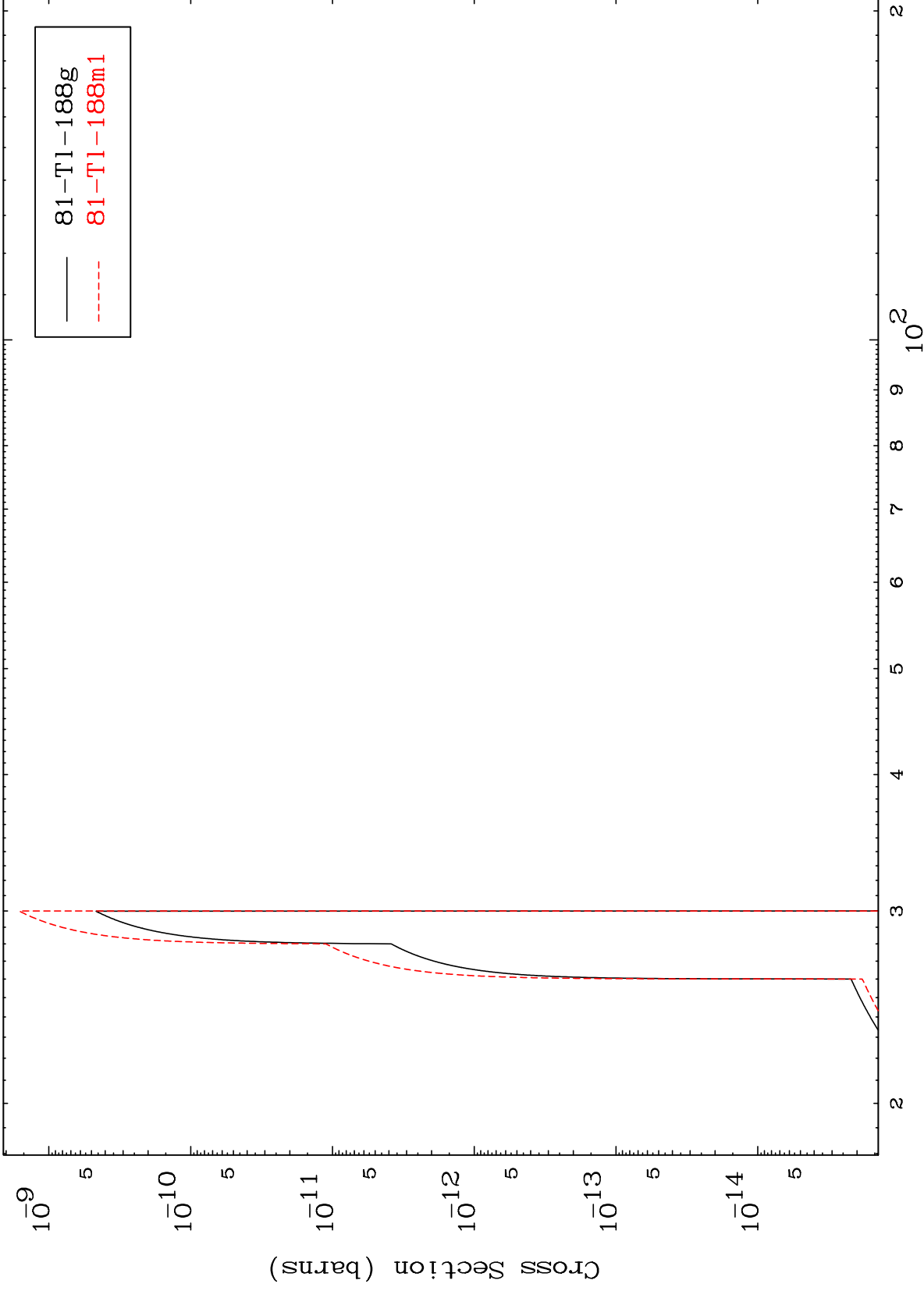
14

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(n,2n) α

81-Tl-190

Radionuclide Production Cross Section

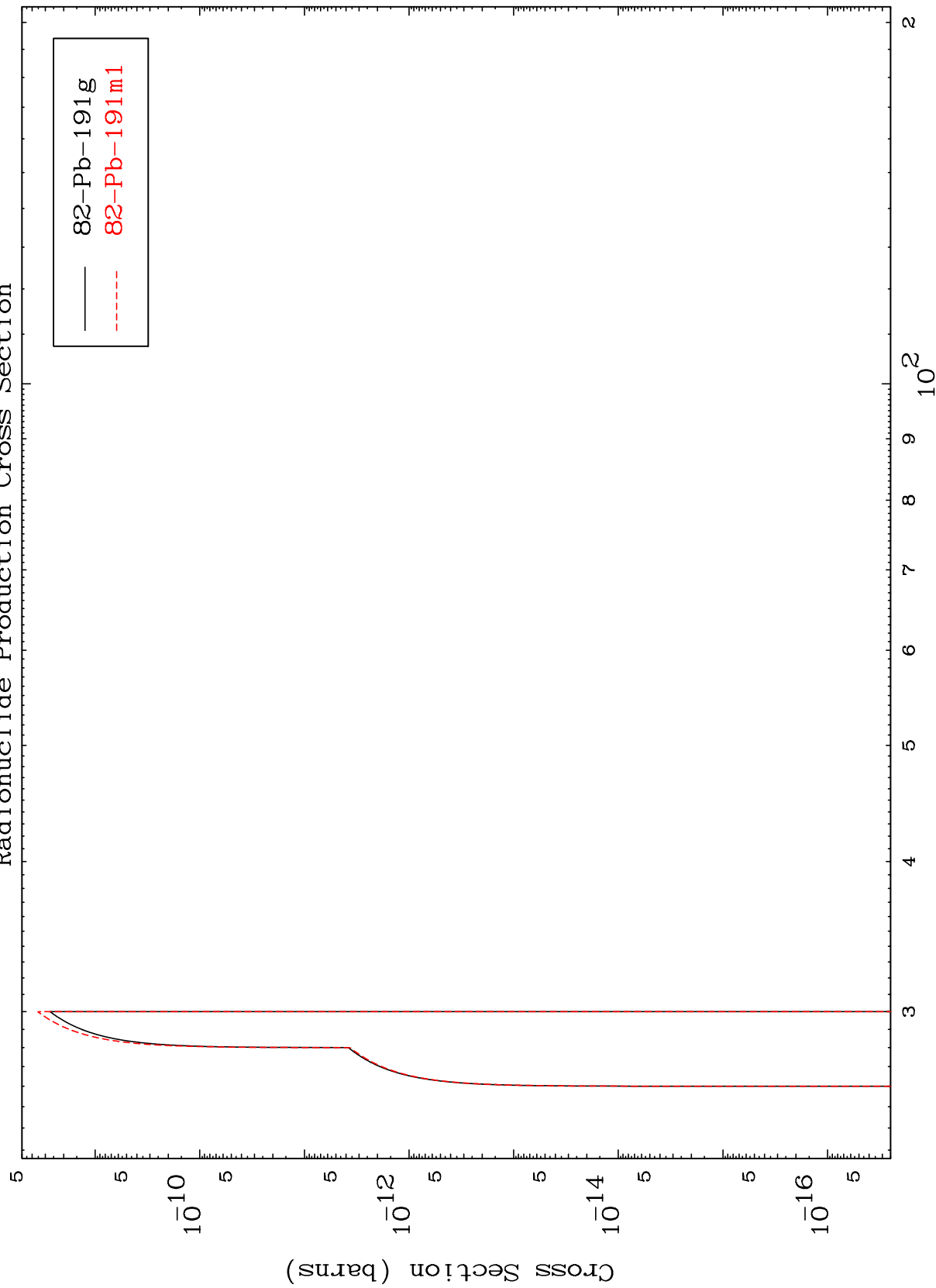


15

Incident Energy (MeV)

81-Tl-190

Radionuclide Production Cross Section

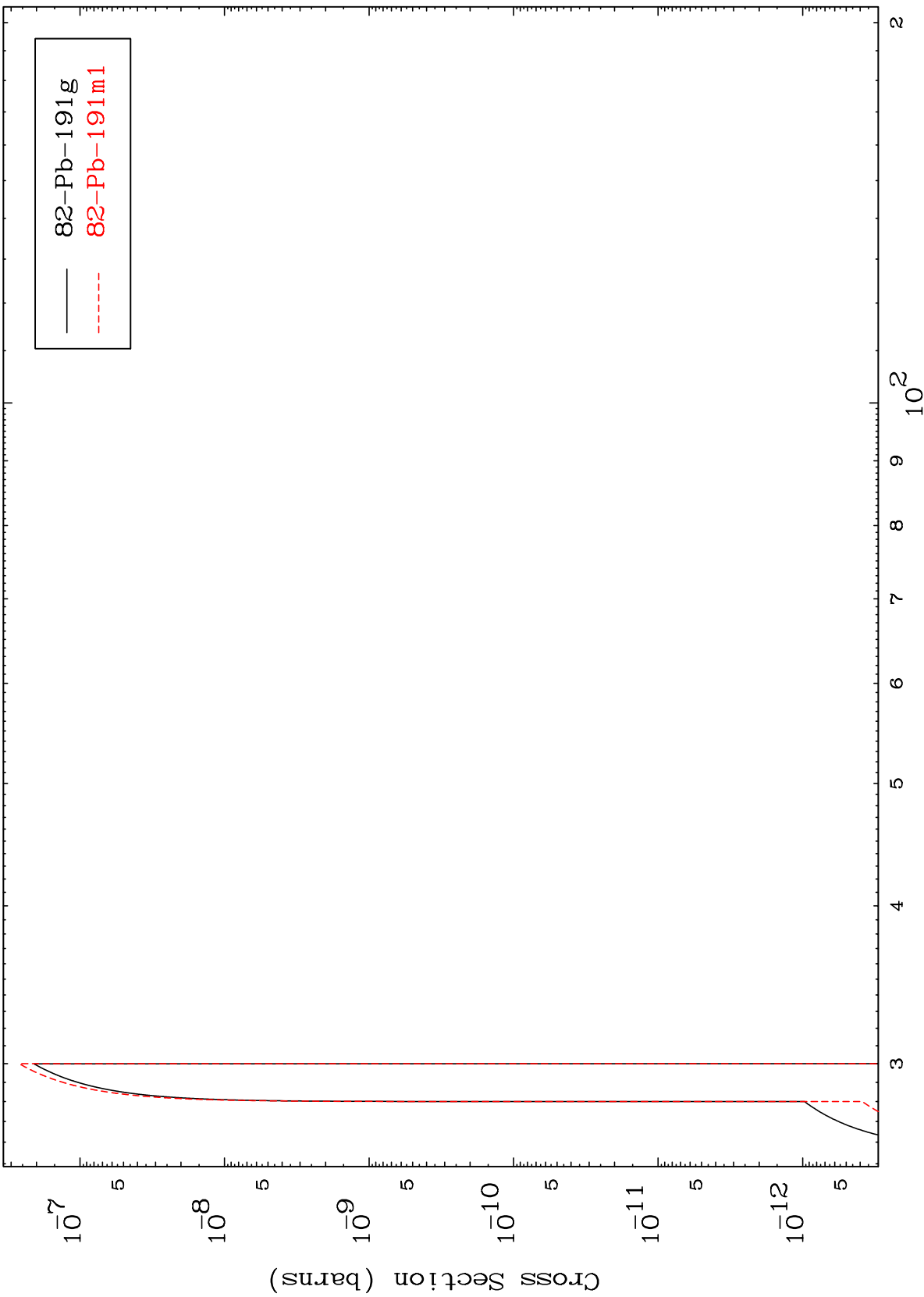


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(n,2n) p

81-Tl-190

Radionuclide Production Cross Section



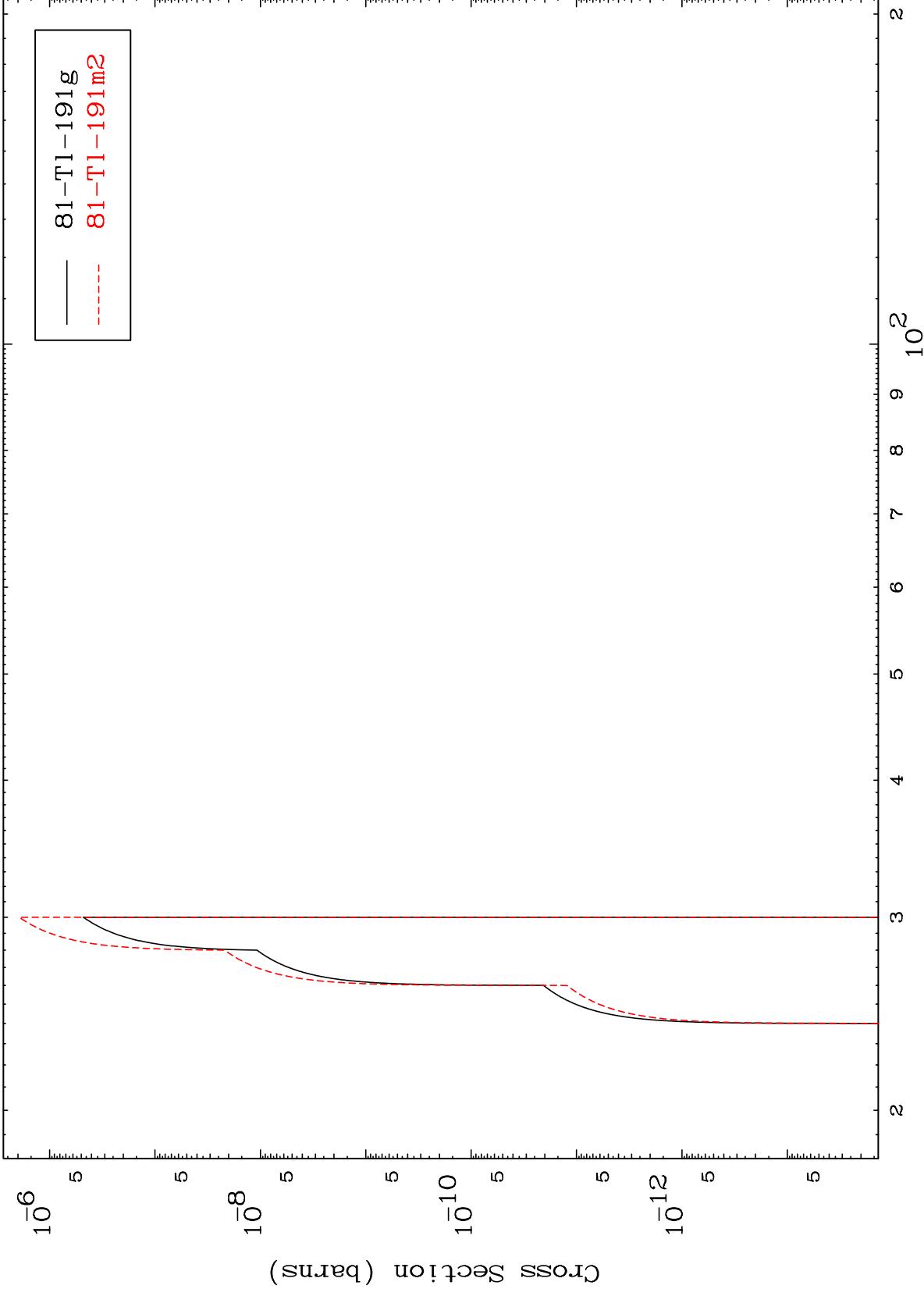
82-Pb-191g
82-Pb-191m1

MAT 8086

(n,2n) p

81-Tl-190

Radionuclide Production Cross Section



18

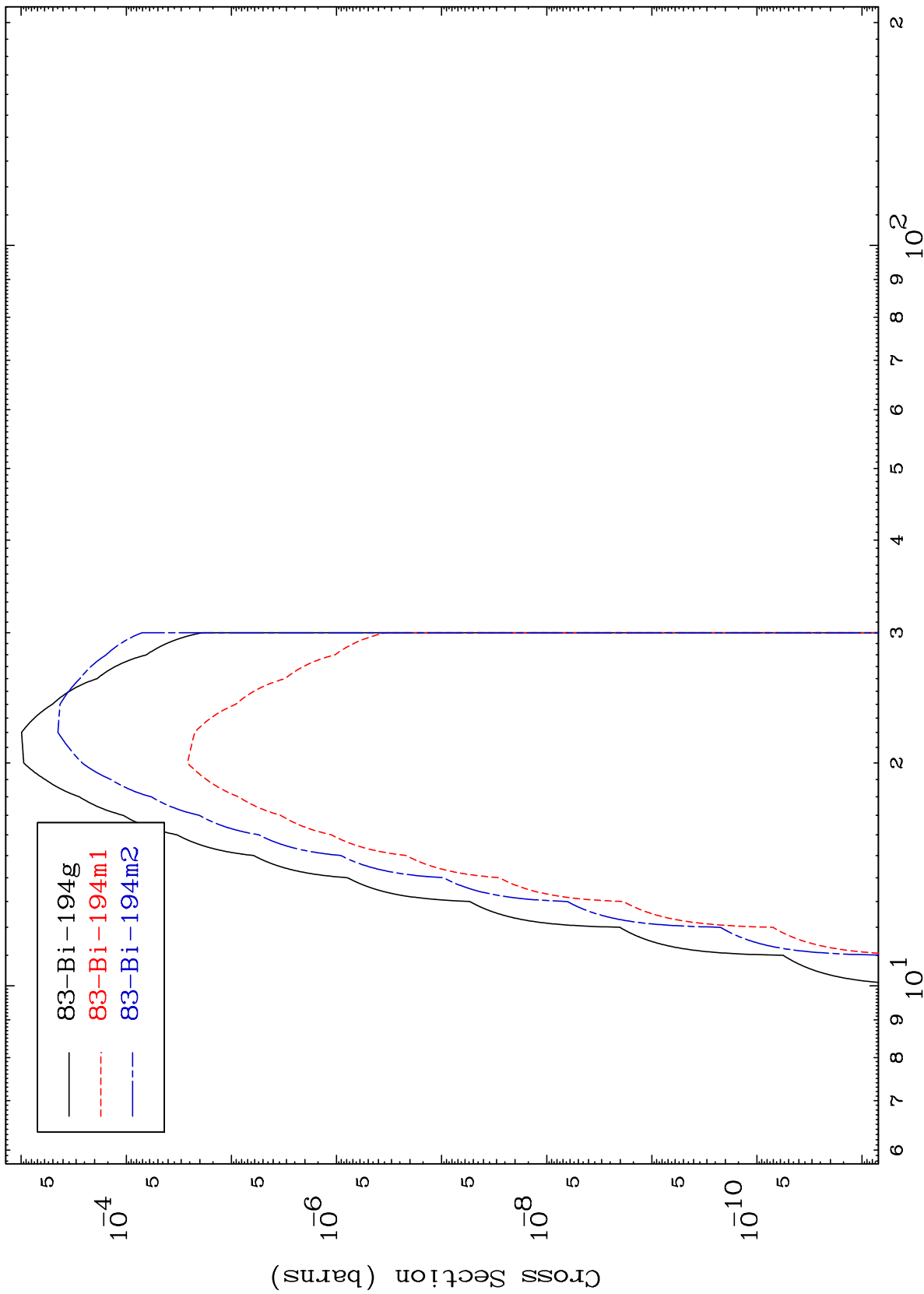
Incident Energy (MeV)

81-Tl-190

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81-Tl-190

Radionuclide Production Cross Section
(n, γ)



19

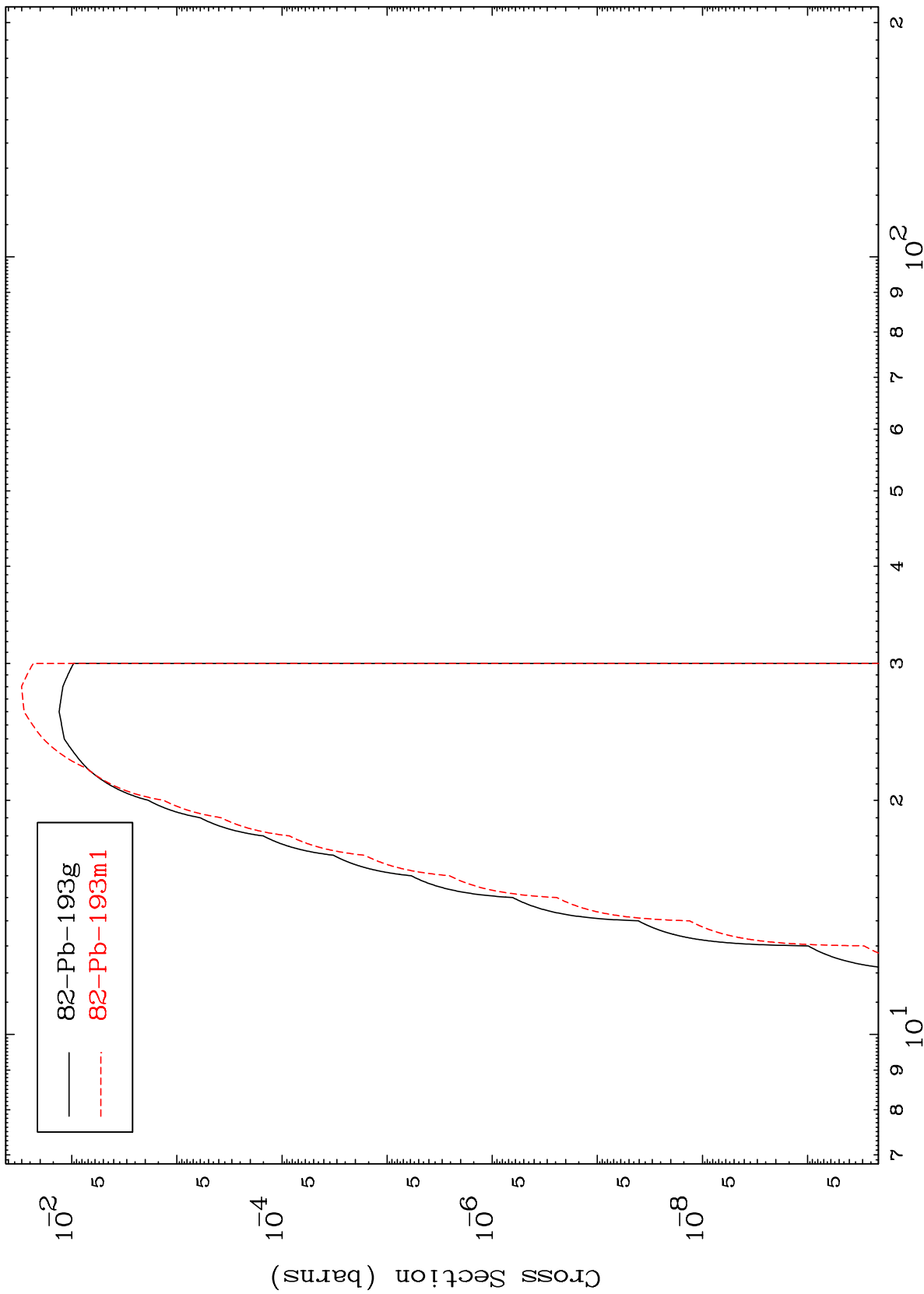
Incident Energy (MeV)

81-Tl-190

MAT 8086

81-Tl-190

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-190

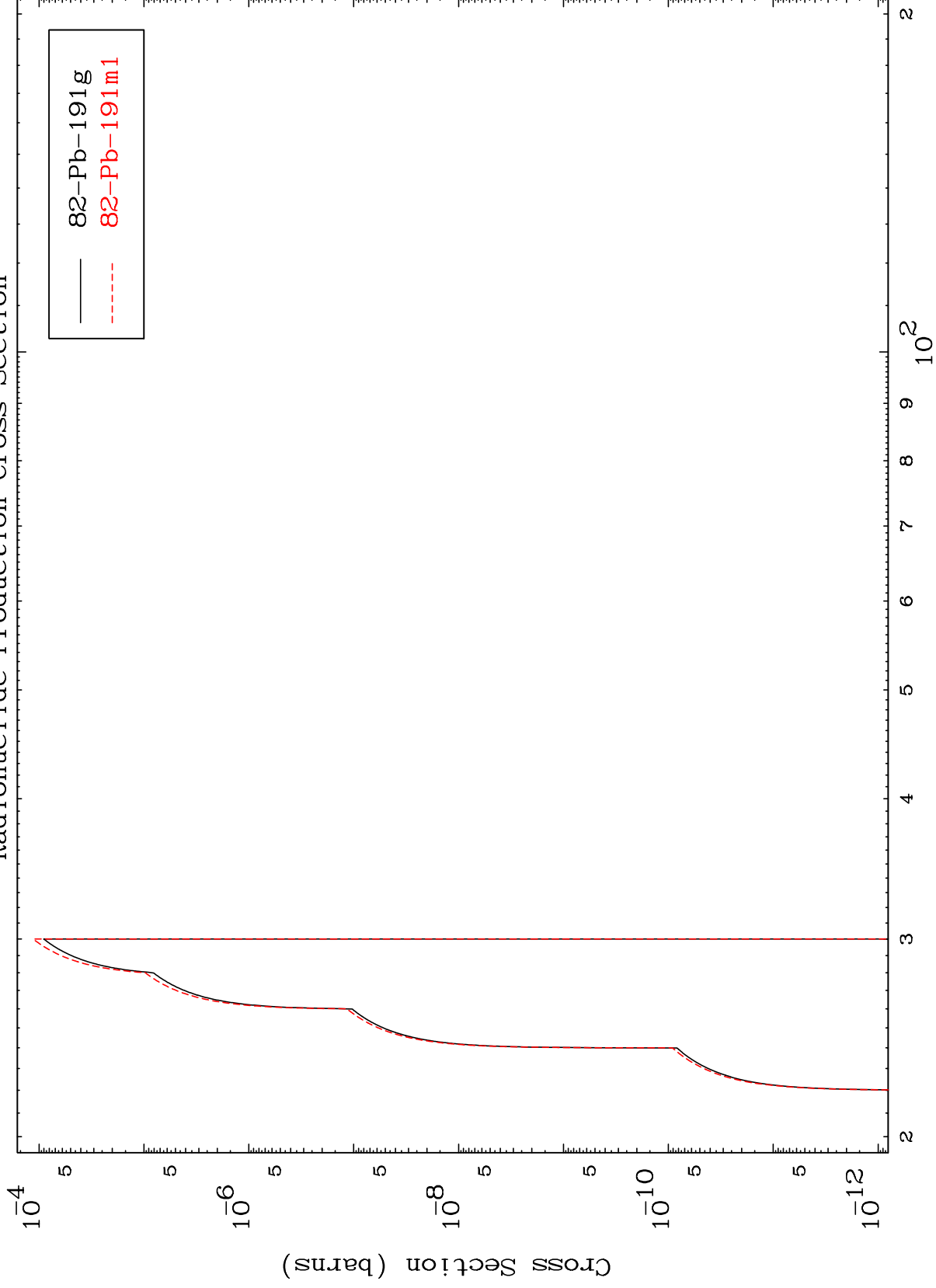
20

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(n, t)

81-Tl-190

Radionuclide Production Cross Section



21

Incident Energy (MeV)

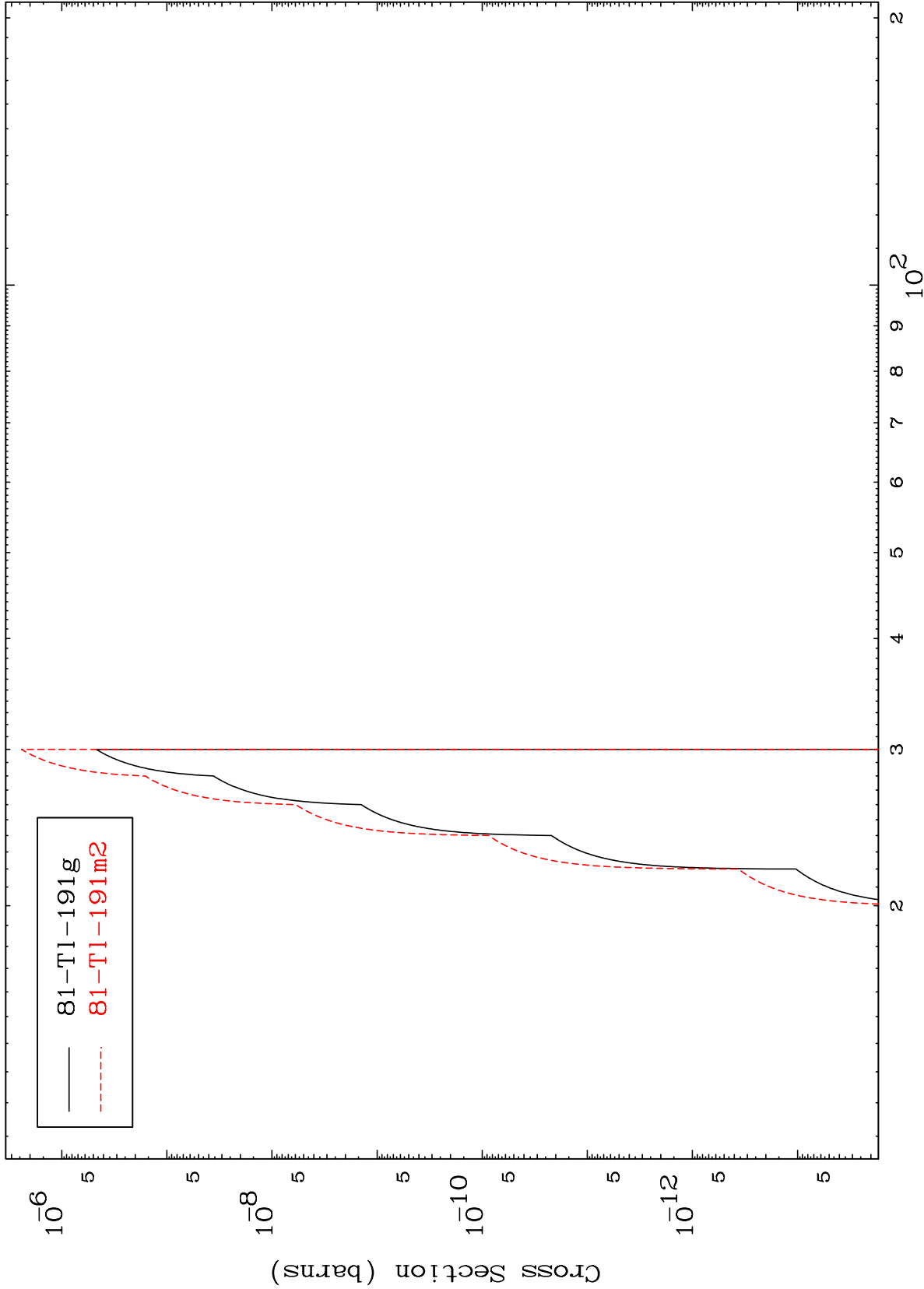
81-Tl-190

MAT 8086

(n,He-3)

81-Tl-190

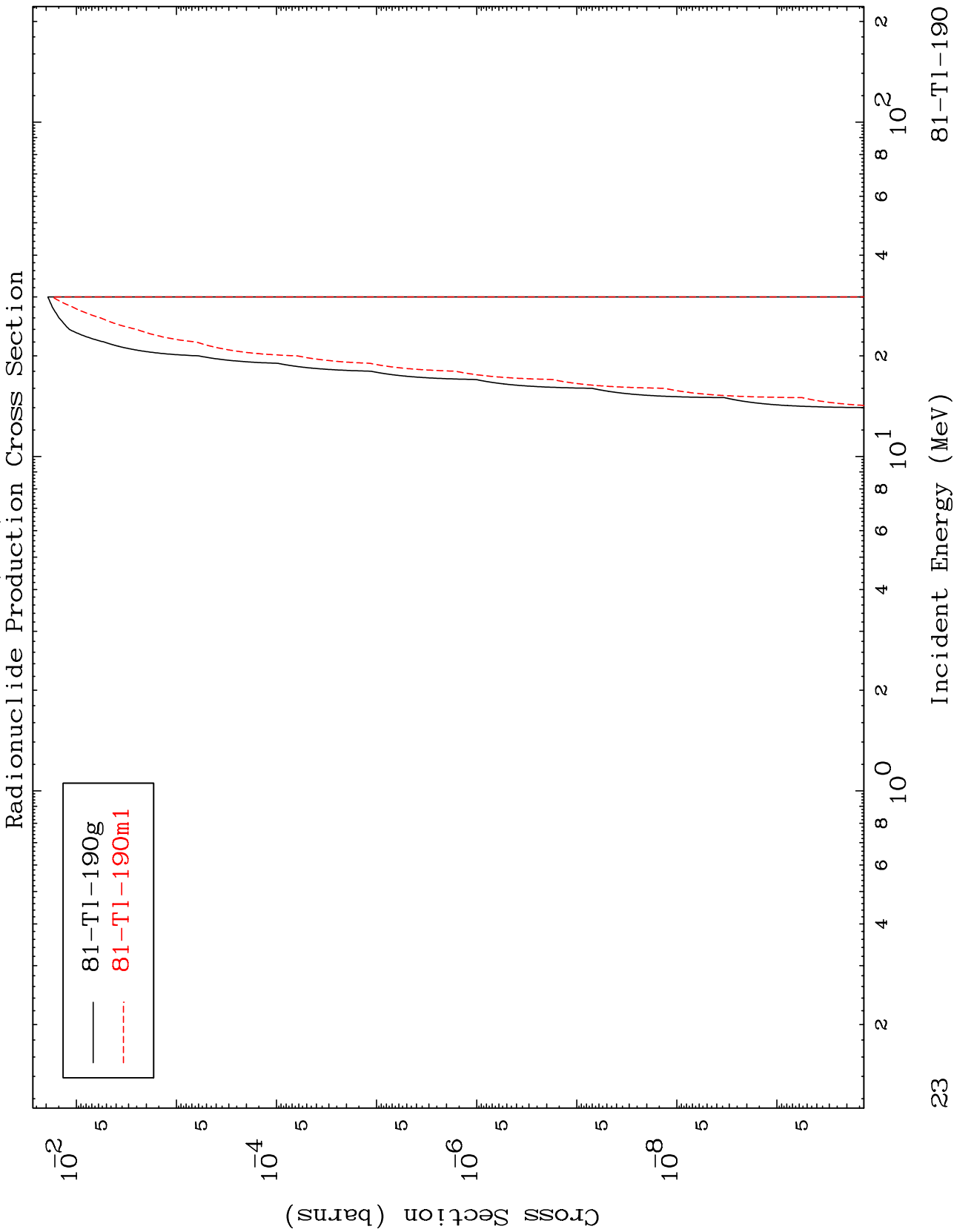
Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

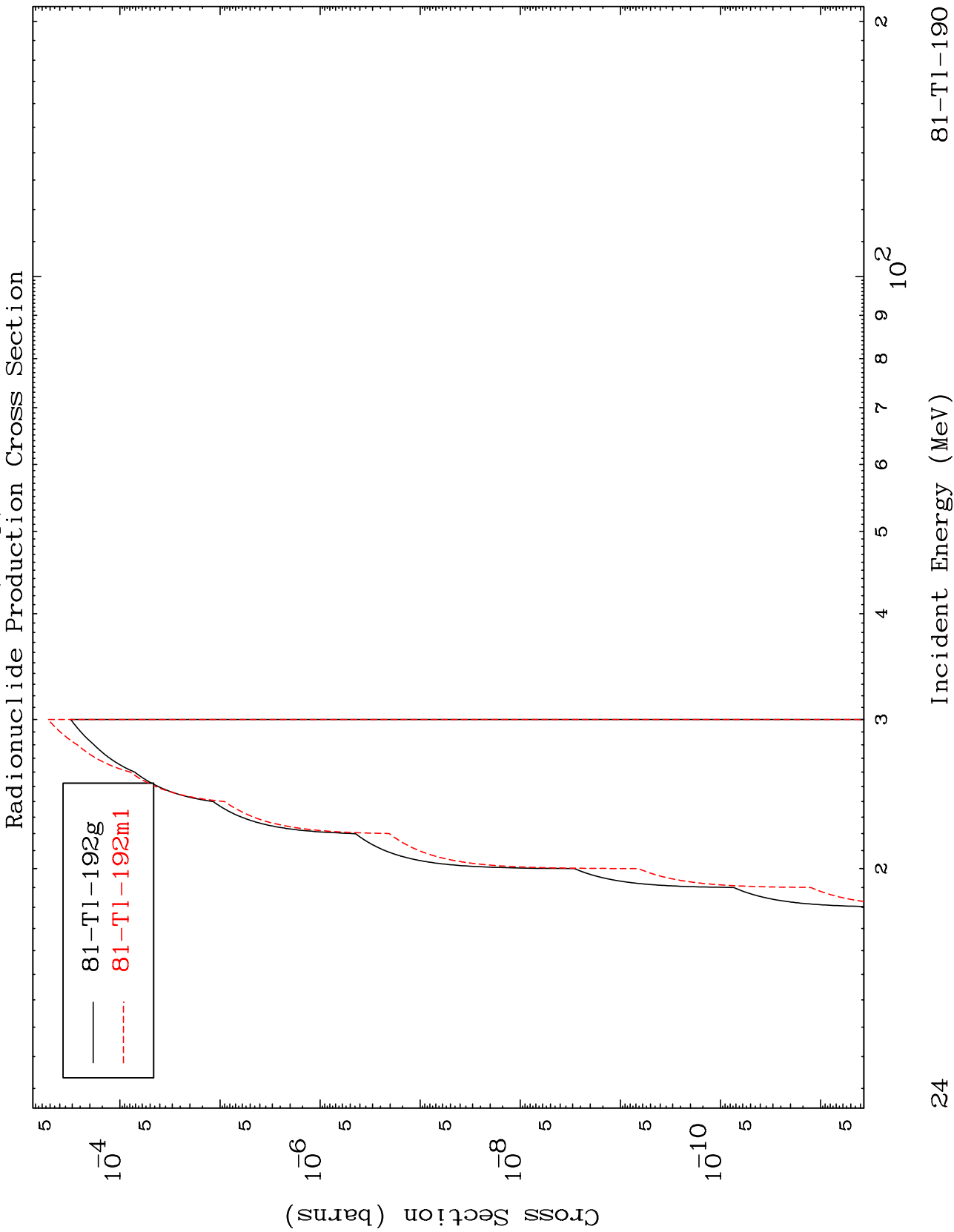
MAT 8086

81-Tl-190



MAT 8086

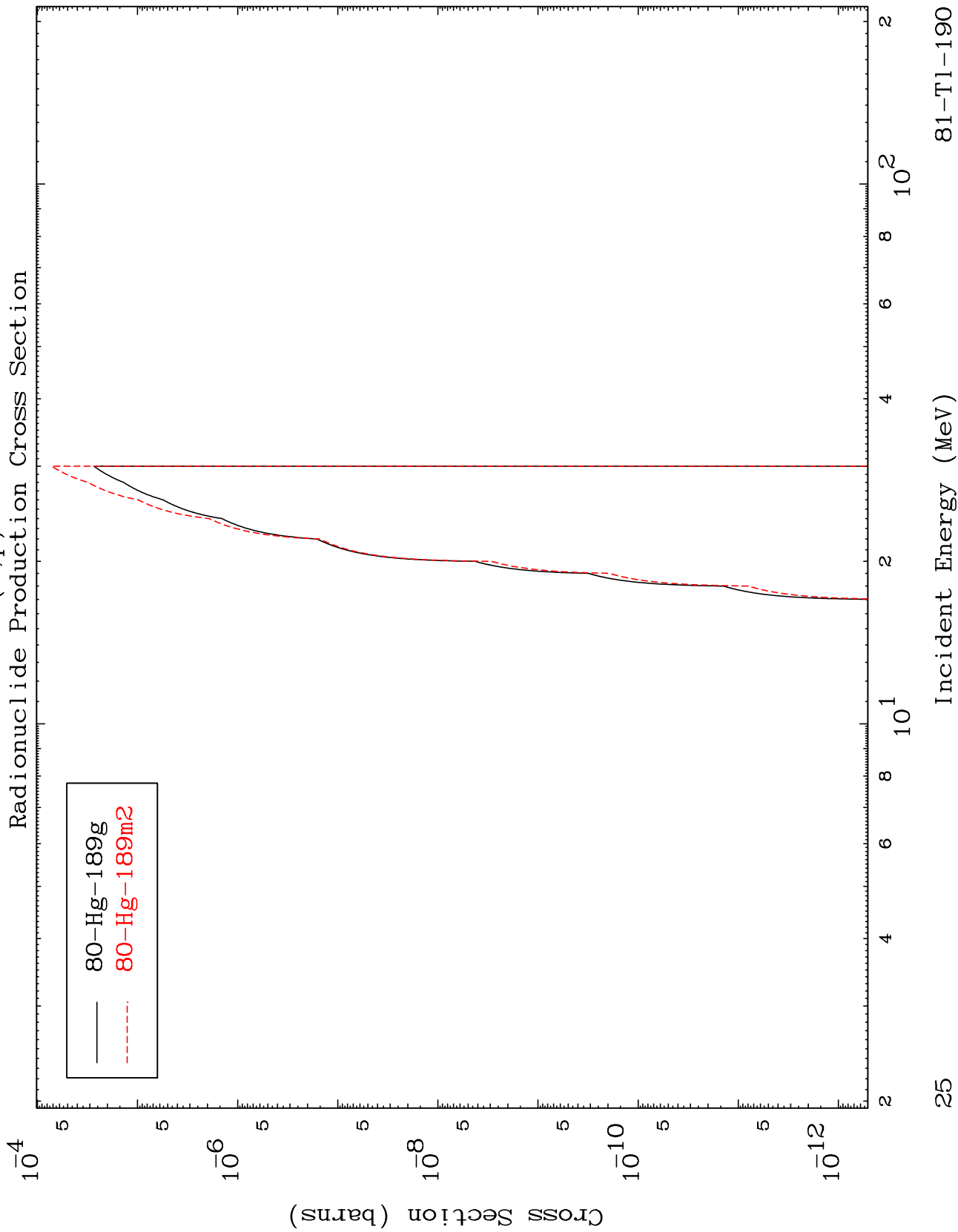
81-Tl-190



MAT 8086

(n,p) α

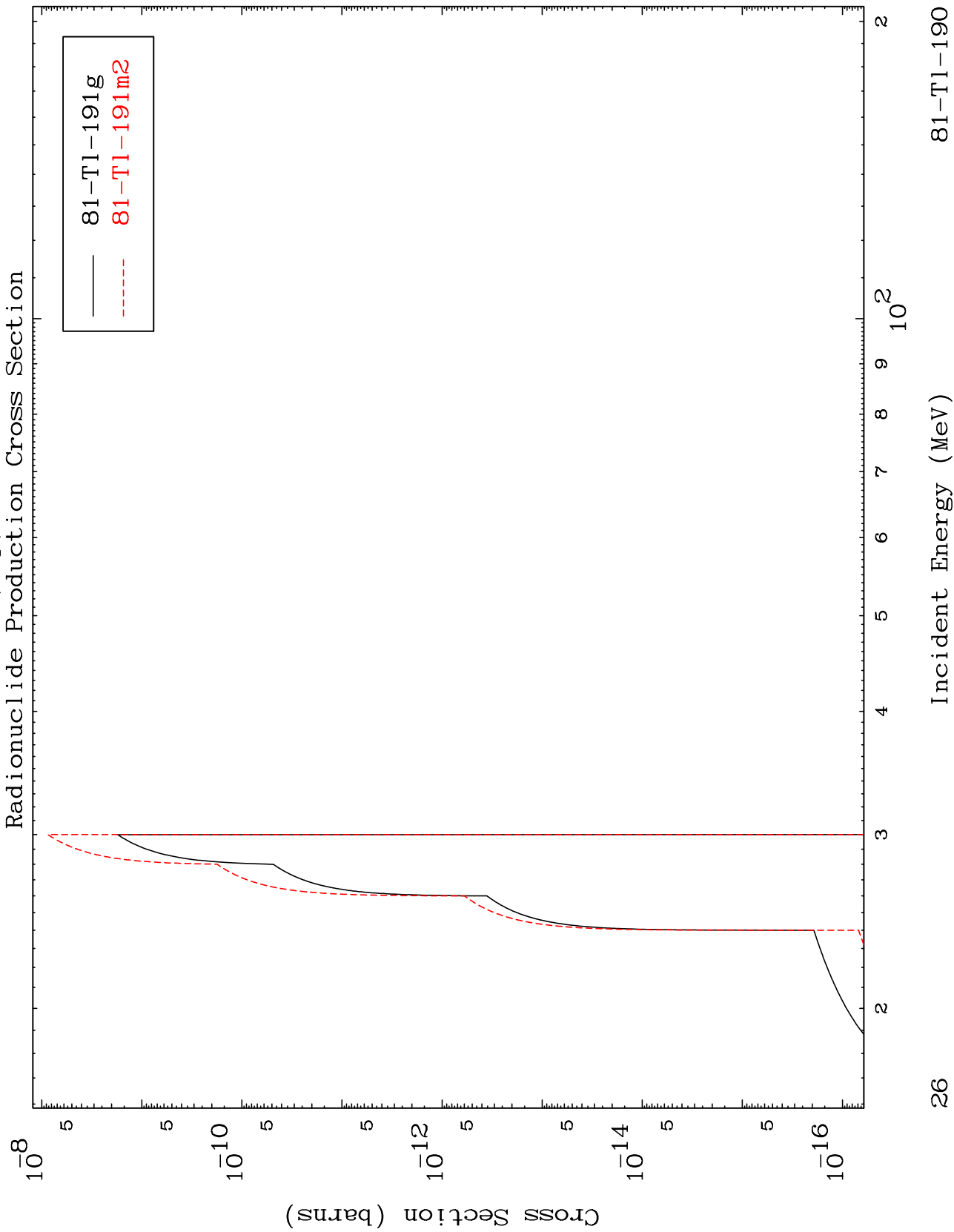
81-Tl-190



MAT 8086

(n,p) d

81-Tl-190



26

Incident Energy (MeV)

81-Tl-190