

Program EVALPLOT
(Version 2021-1)

by

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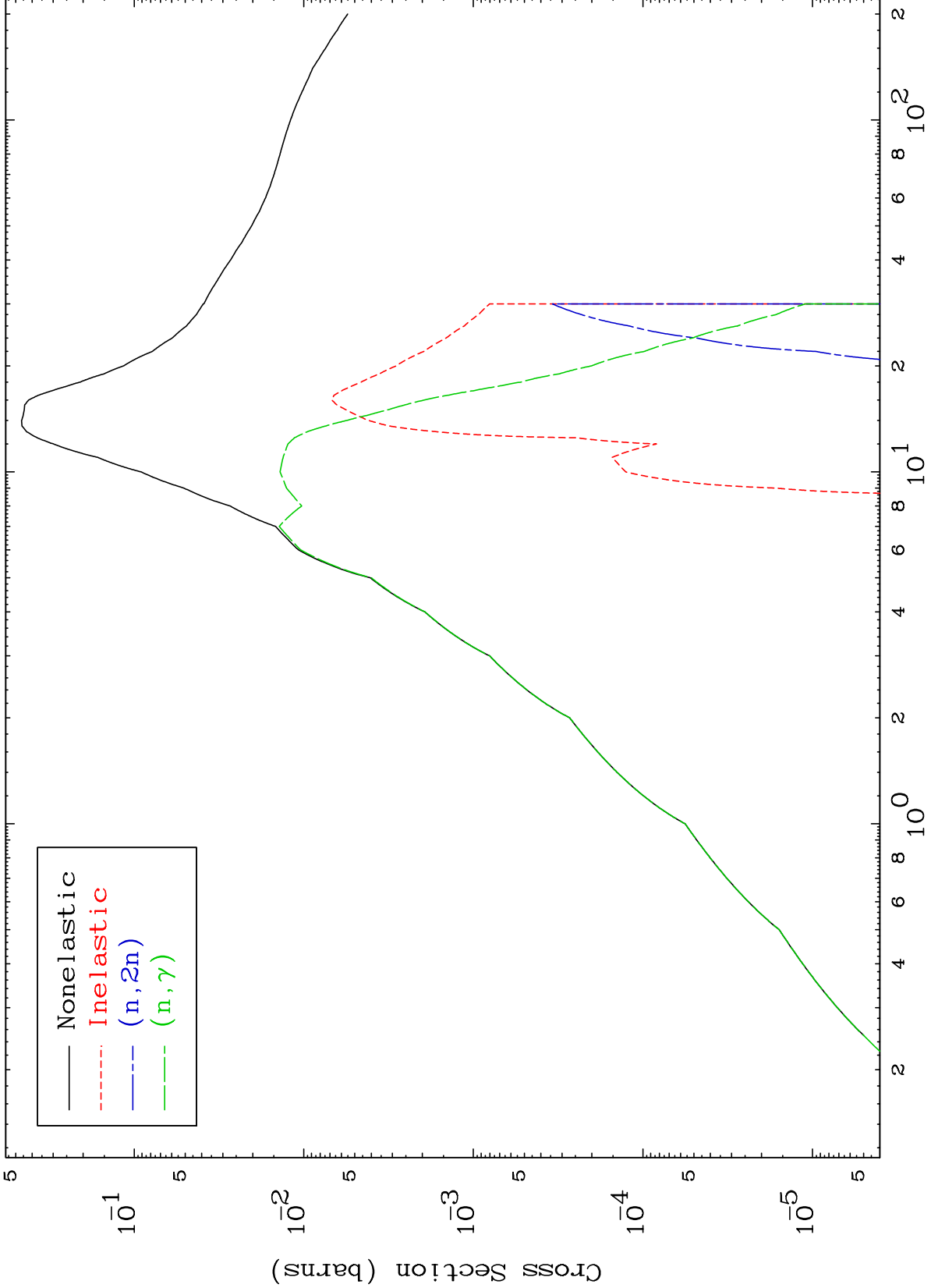
Press Mouse Button to Start

MAT 8062

Photon Major

81-Tl-182

0 Kelvin Cross Sections

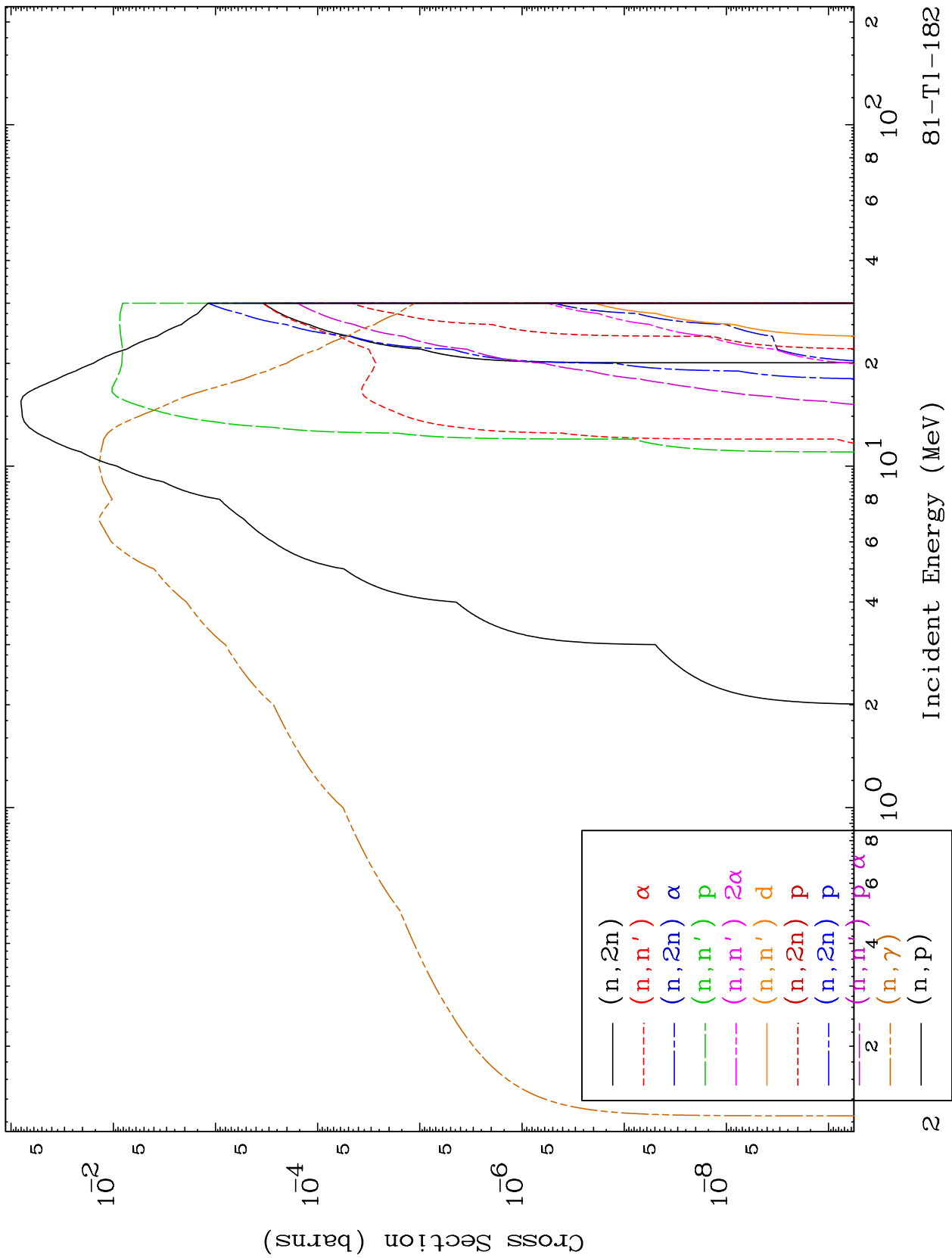


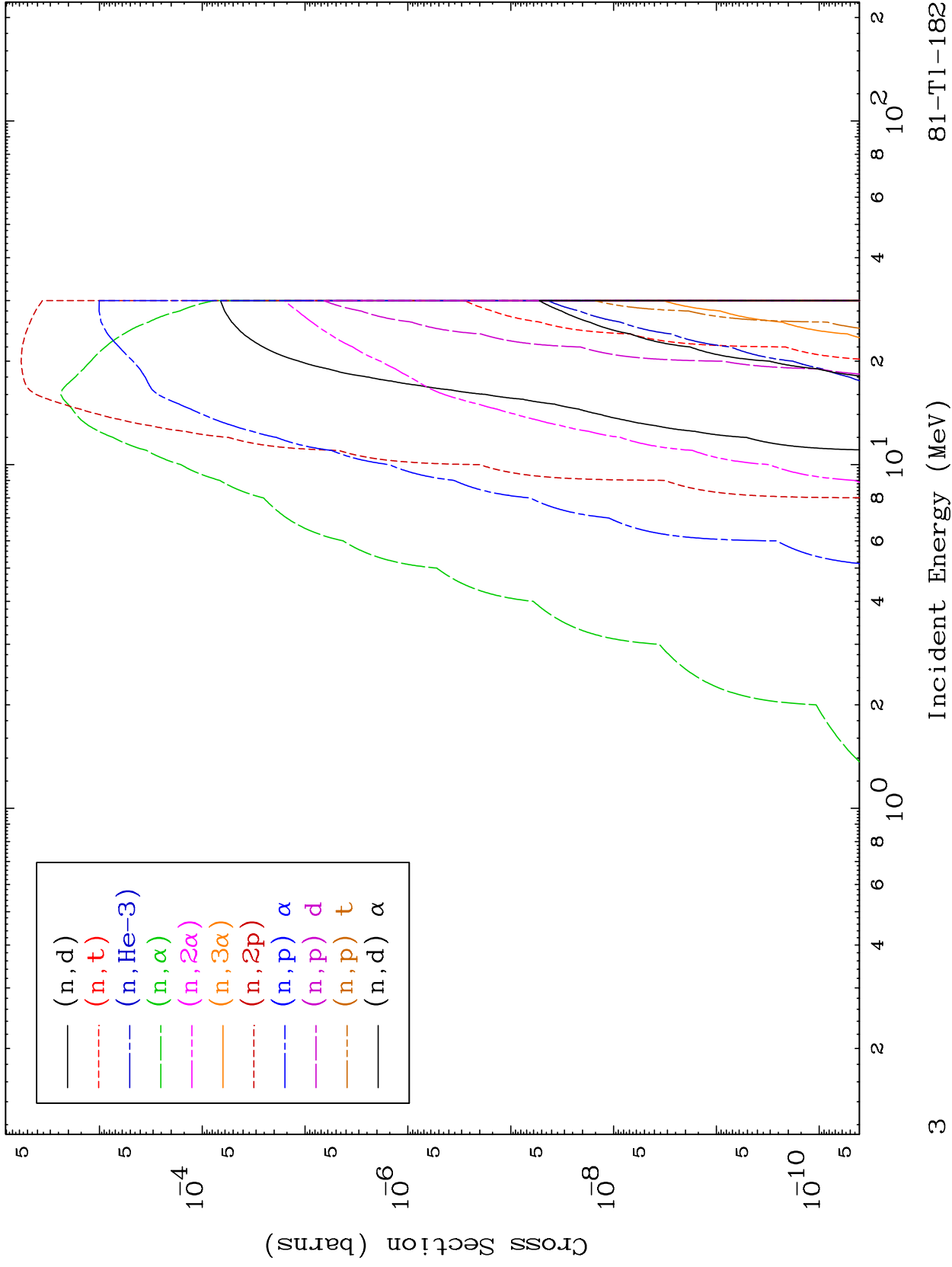
Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, γ)

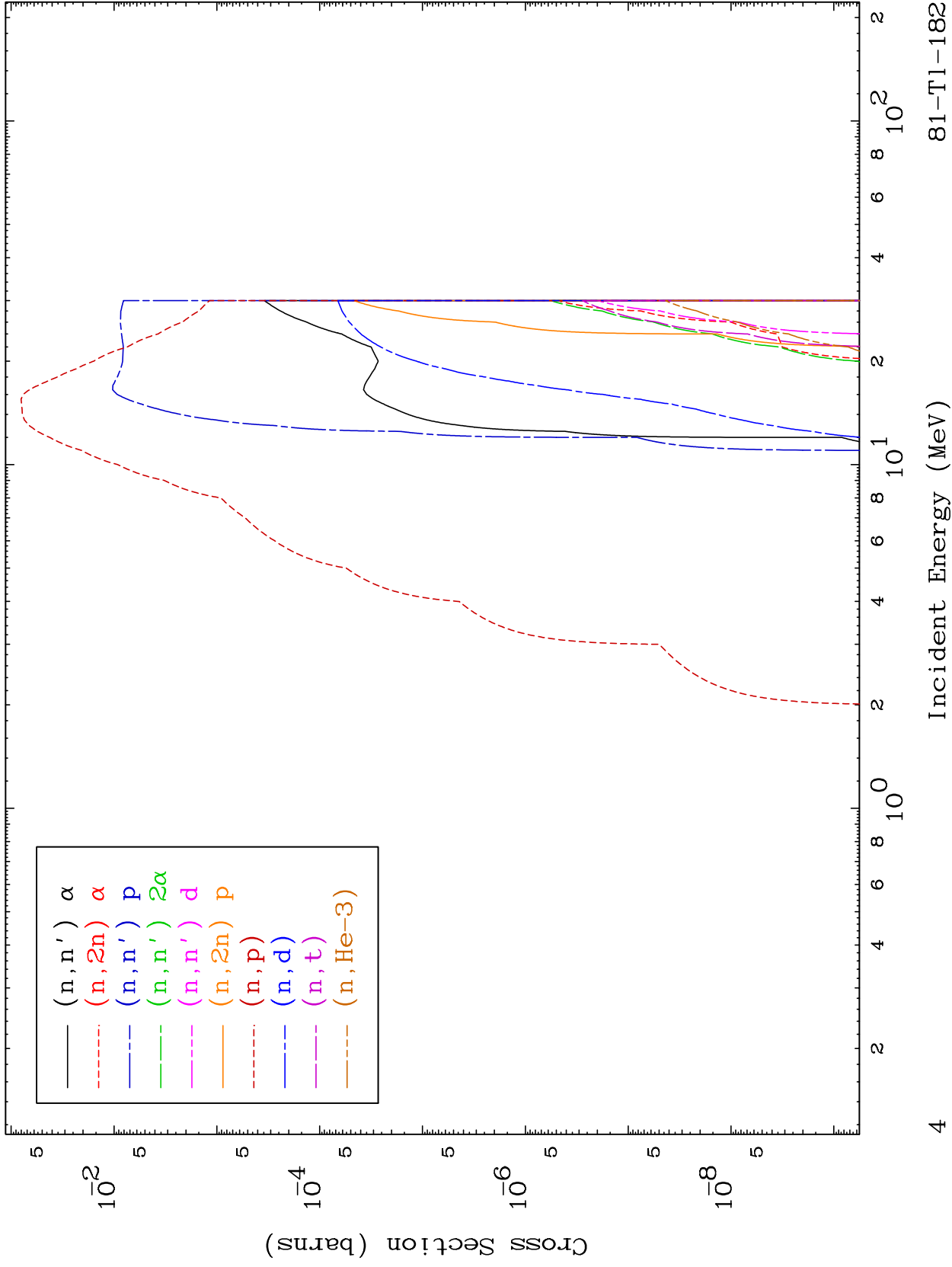
MAT 8062

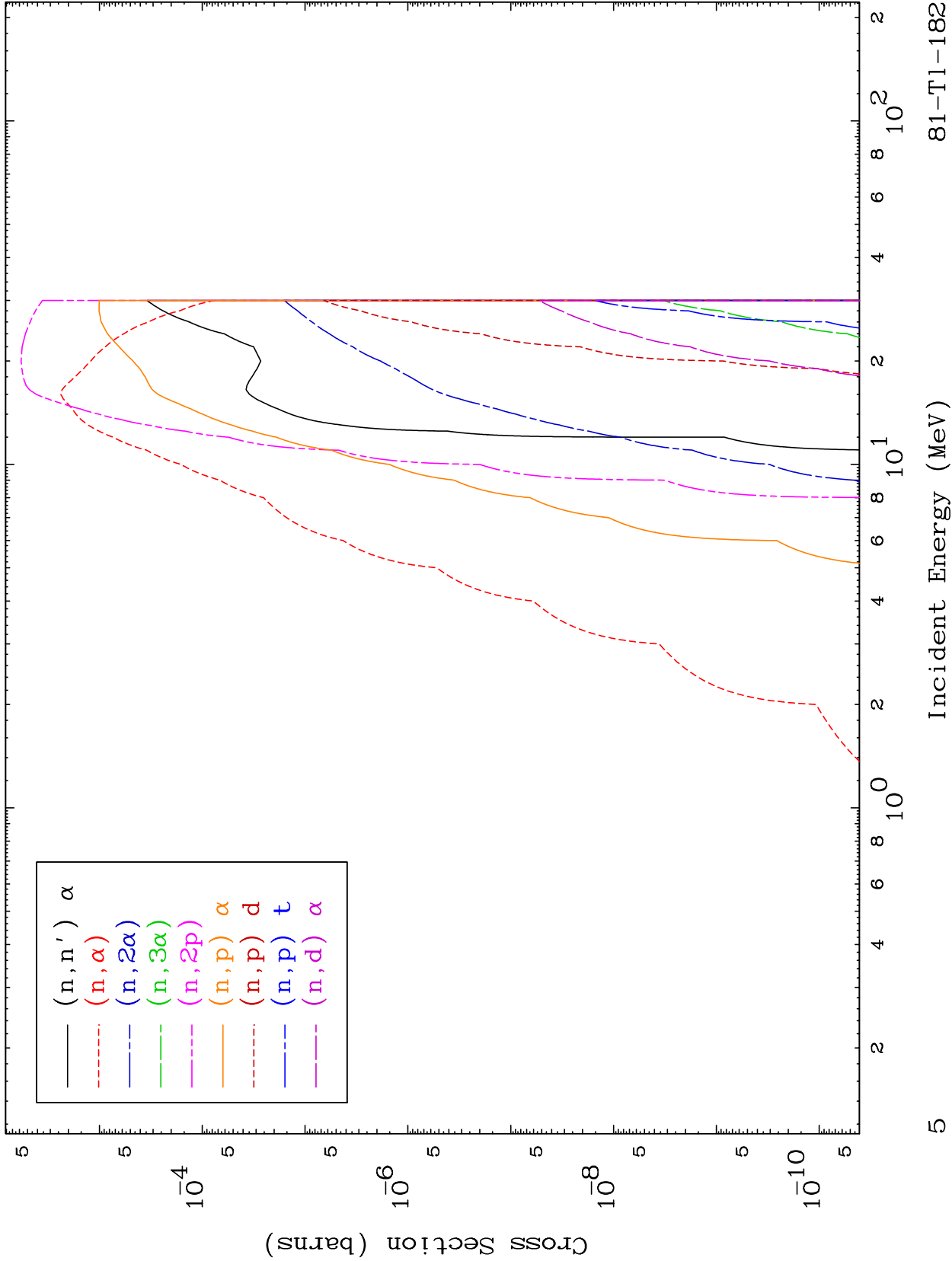
Photon Neutron Absorption
0 Kelvin Cross Sections

81-Tl-182







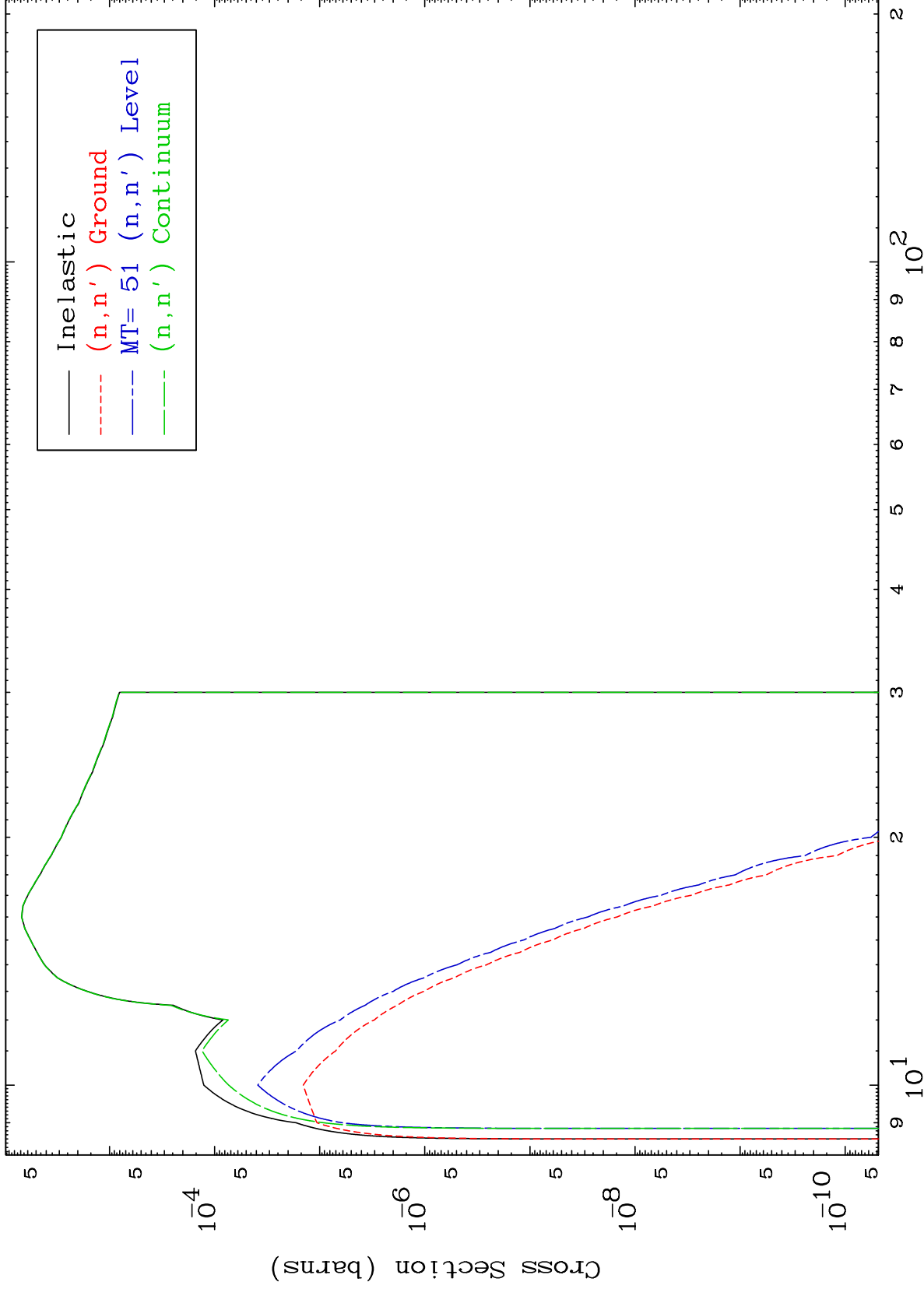


MAT 8062

(γ, n') Levels

81-Tl-182

0 Kelvin Cross Sections



Incident Energy (MeV)

81-Tl-182

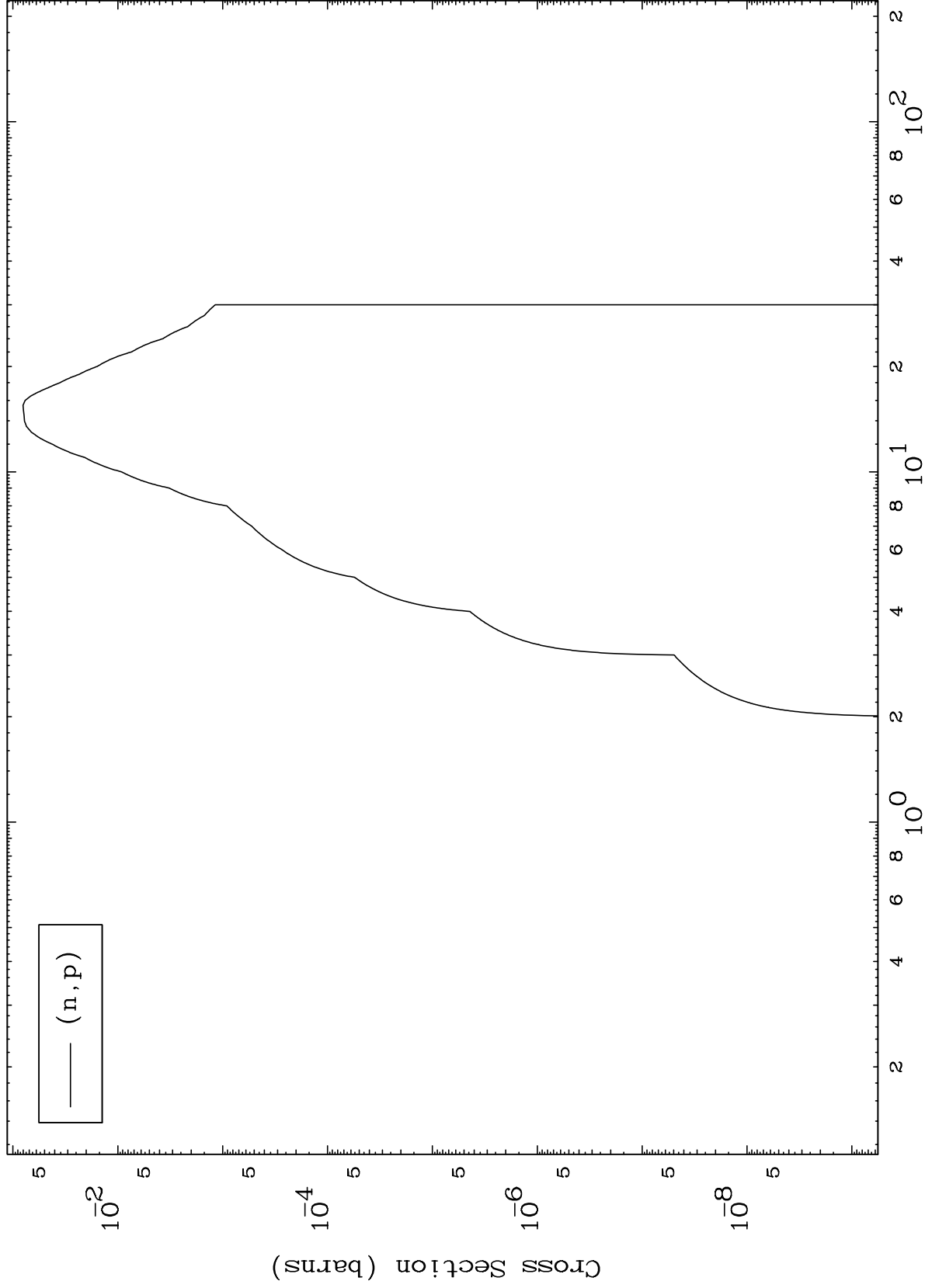
6

MAT 8062

(γ, p) Levels

81-Tl-182

0 Kelvin Cross Sections

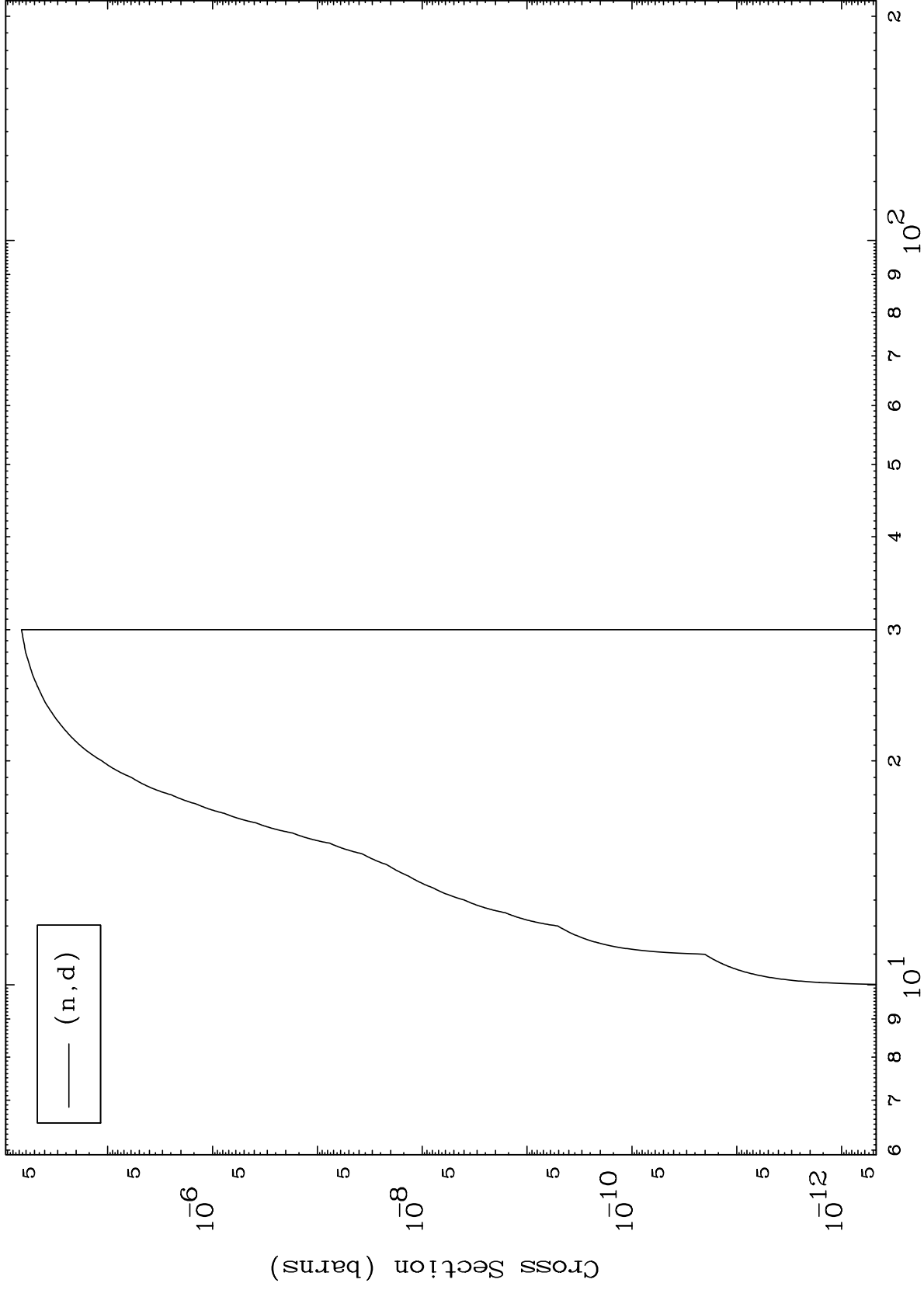


(n, p)

MAT 8062

(γ, d) Levels
0 Kelvin Cross Sections

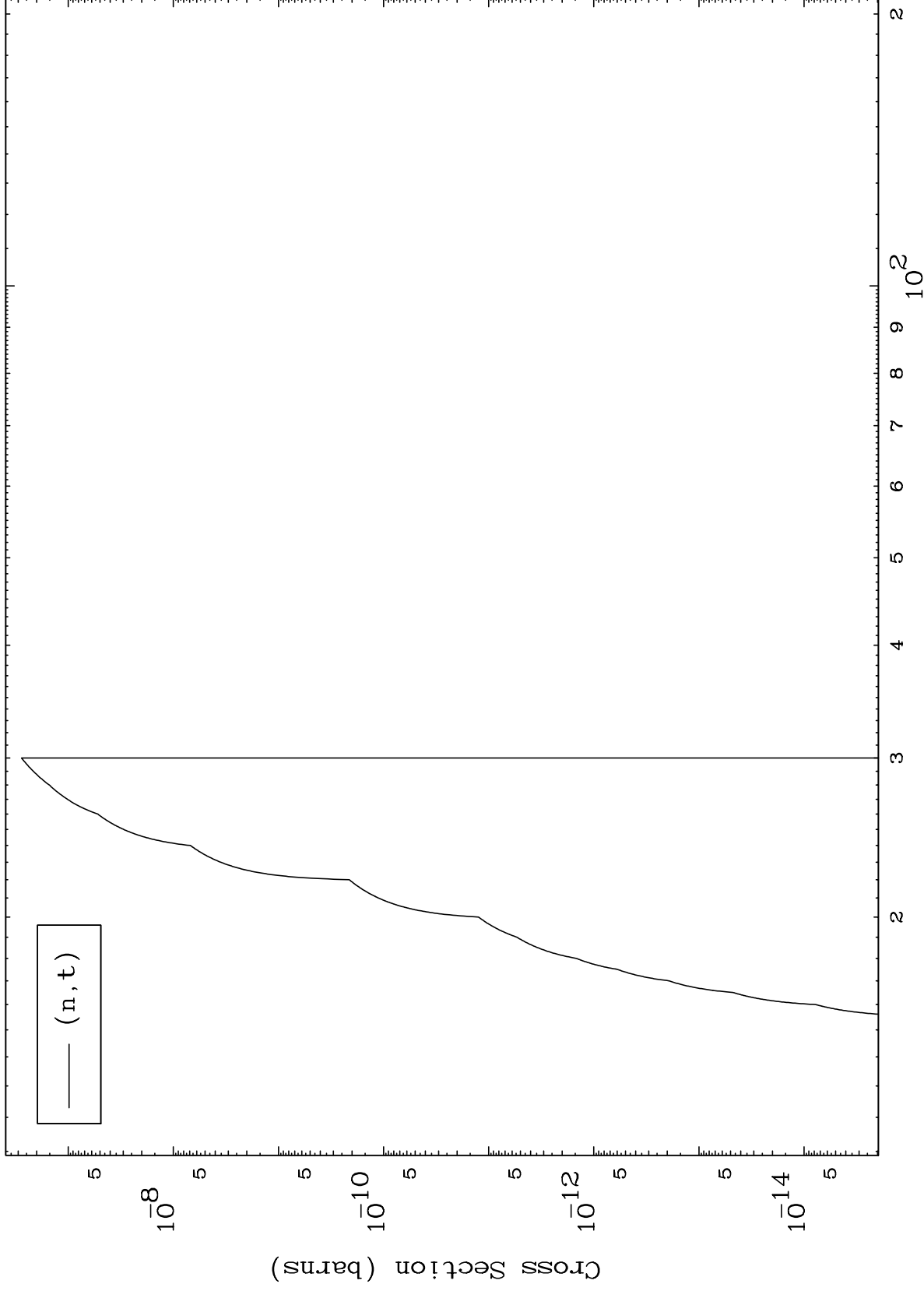
81-Tl-182



8

Incident Energy (MeV)

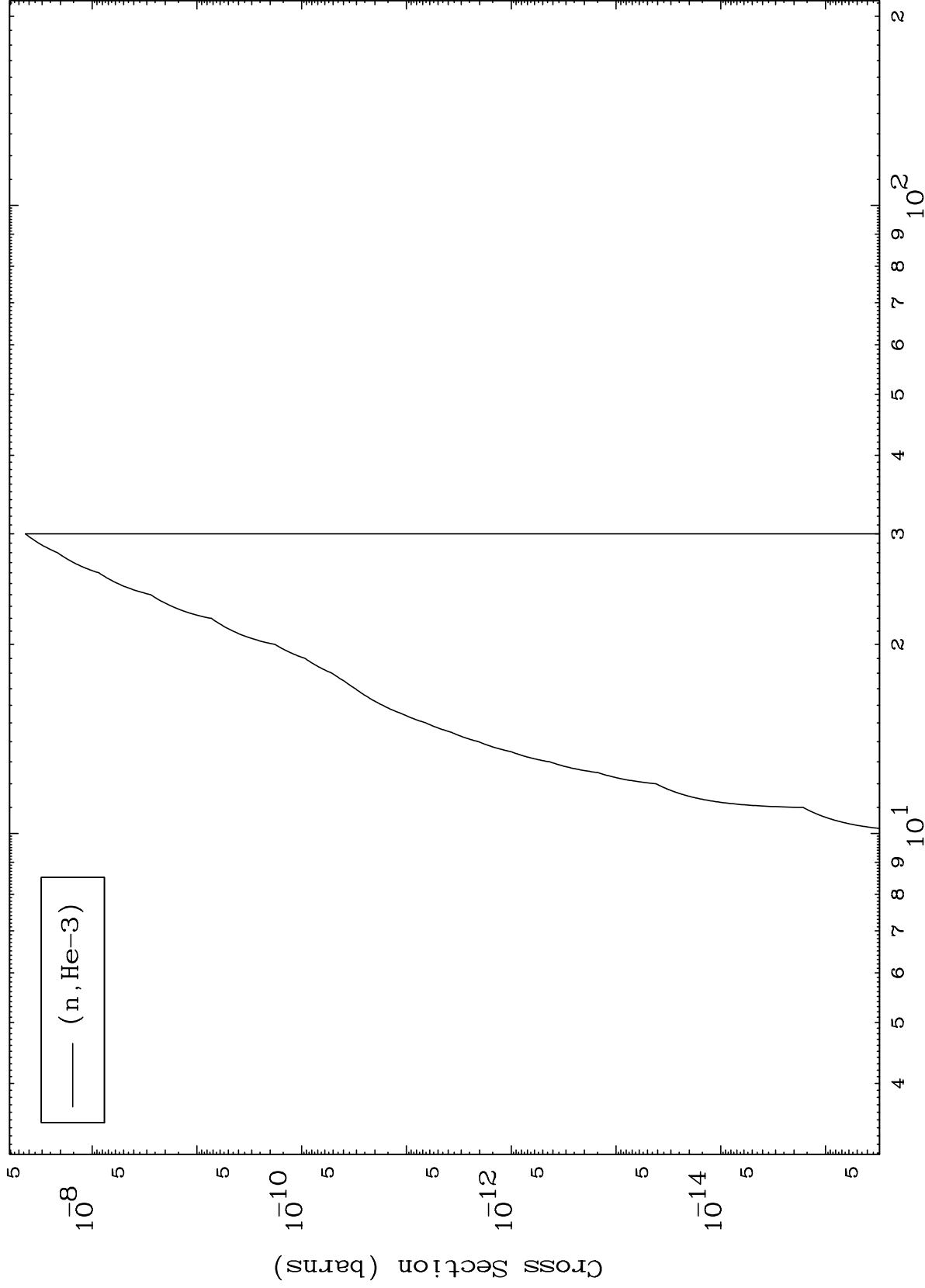
81-Tl-182



MAT 8062

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

81-T1-182

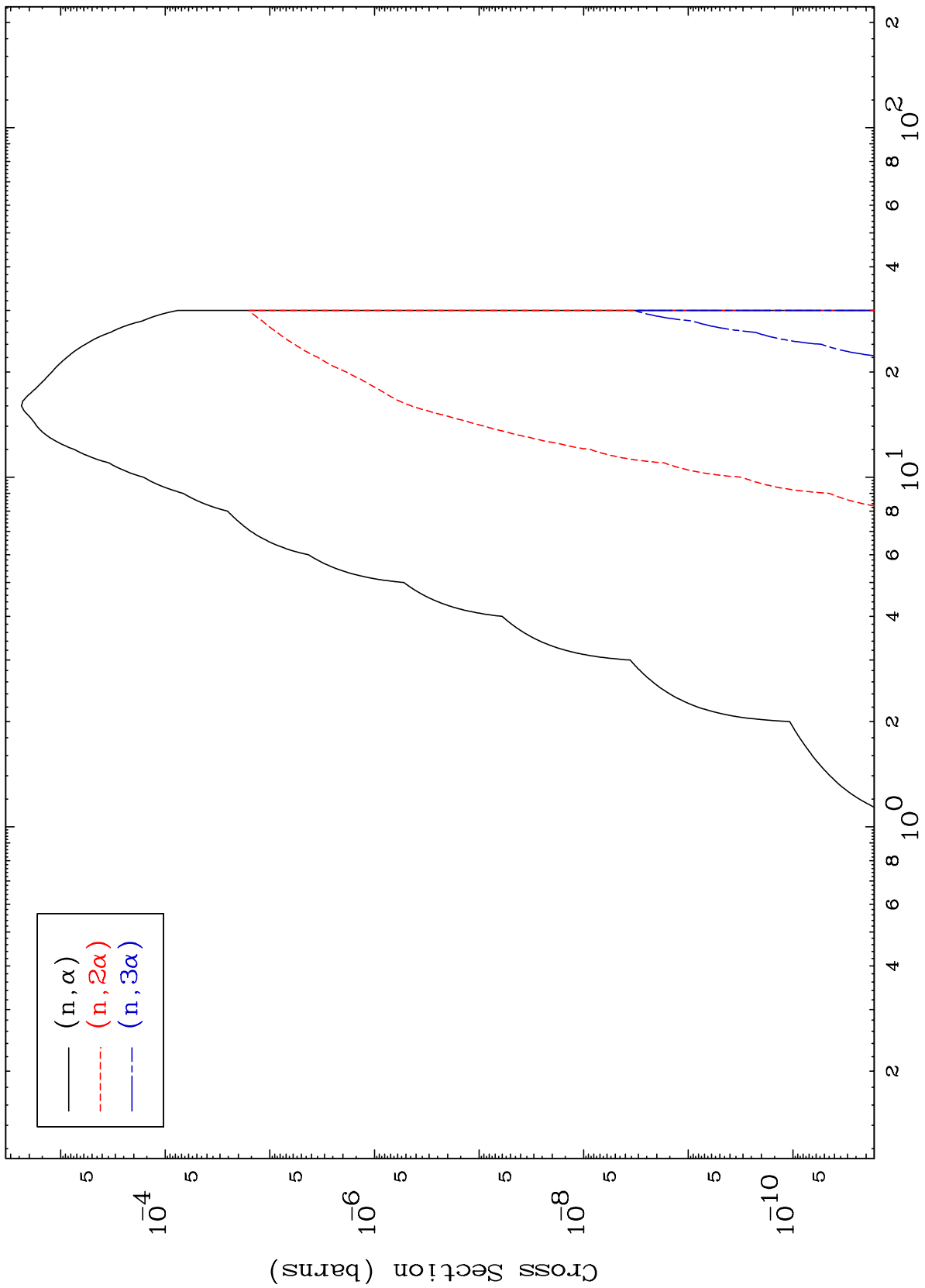


10

Incident Energy (MeV)

81-T1-182

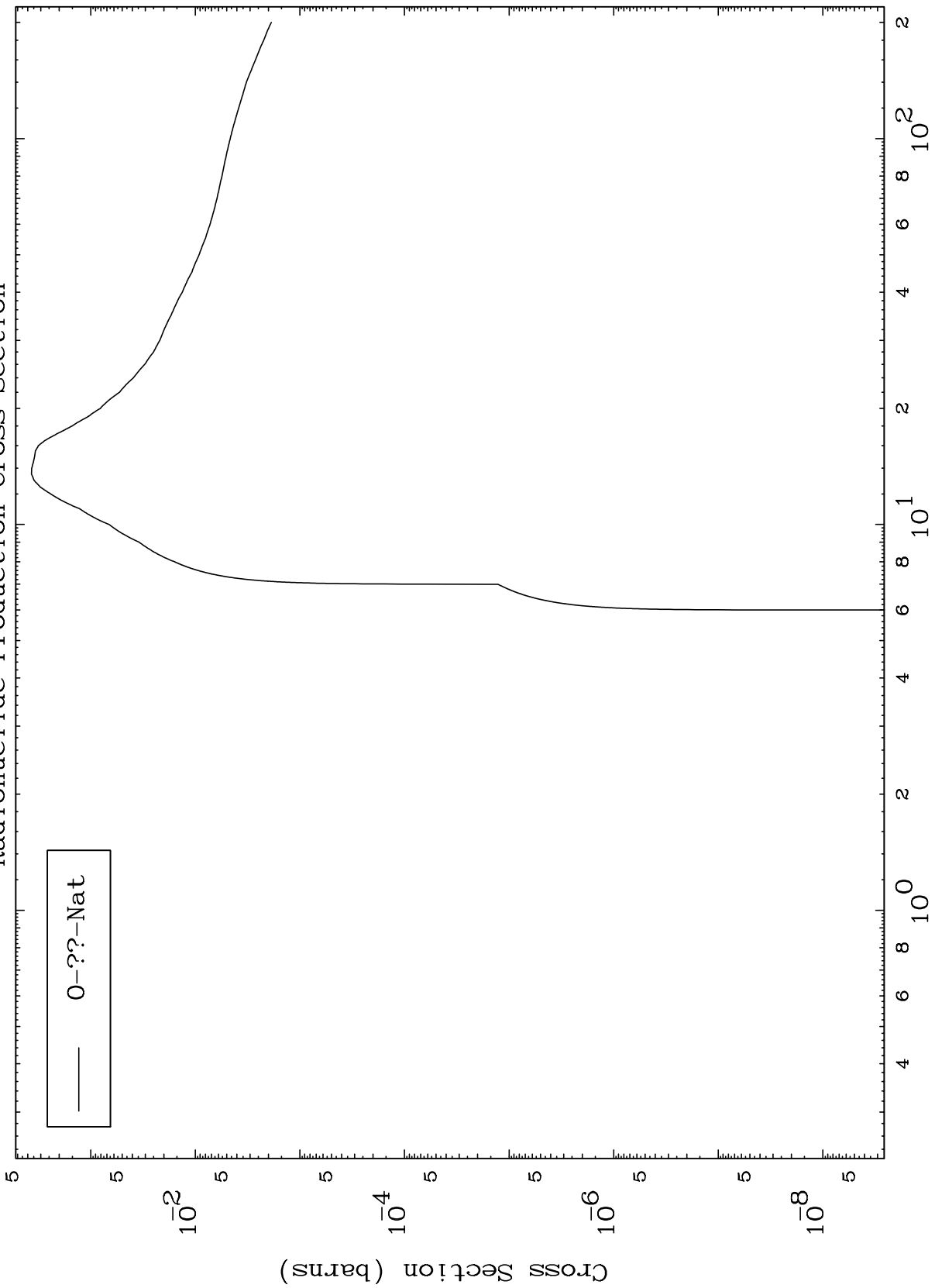
(γ, α) Levels
0 Kelvin Cross Sections



MAT 8062

81-Tl-182

Fission
Radionuclide Production Cross Section



81-Tl-182

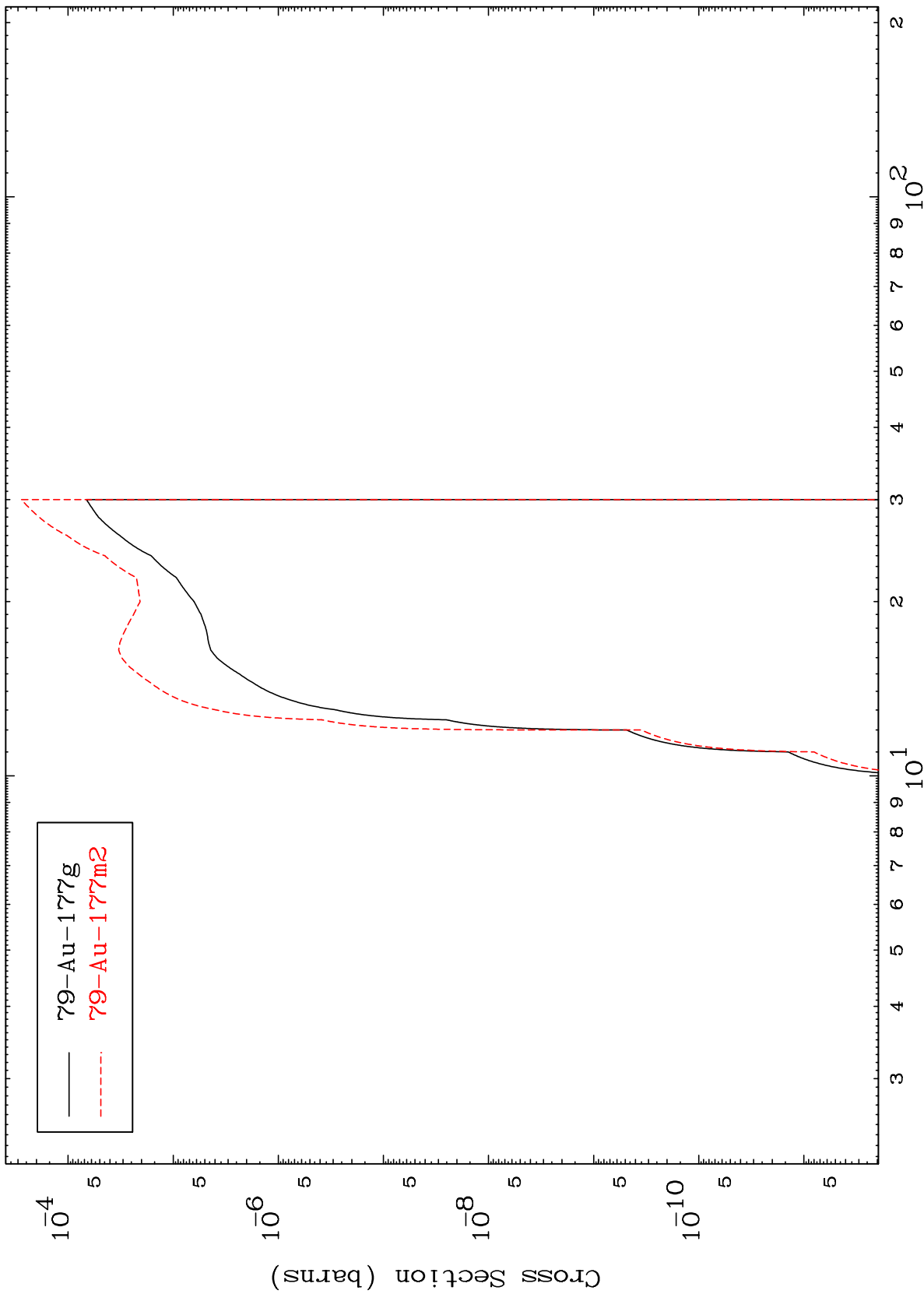
Incident Energy (MeV)

12

MAT 8062

81-T1-182

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



81-T1-182

Incident Energy (MeV)

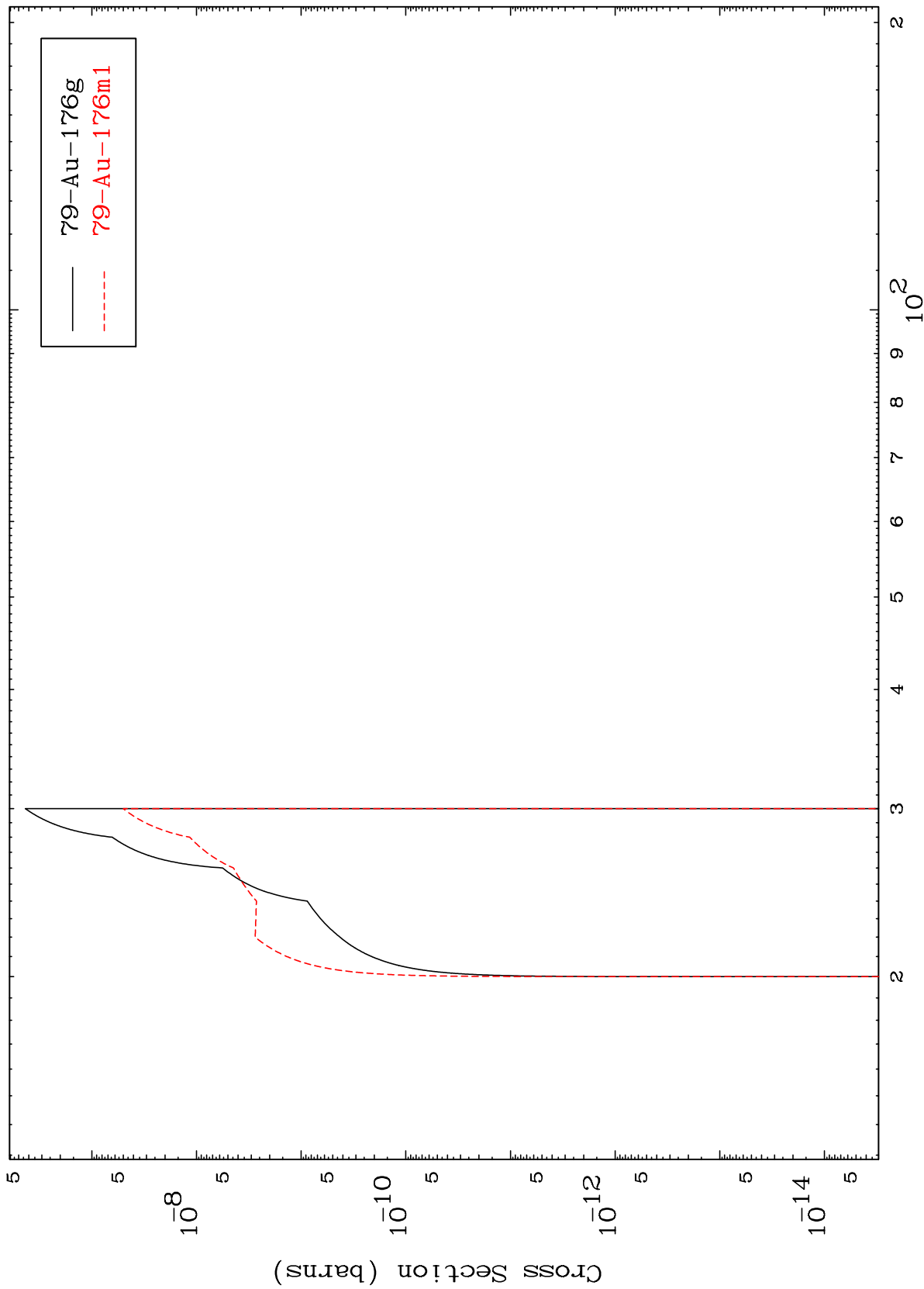
13

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(n,2n) α

81-Tl-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

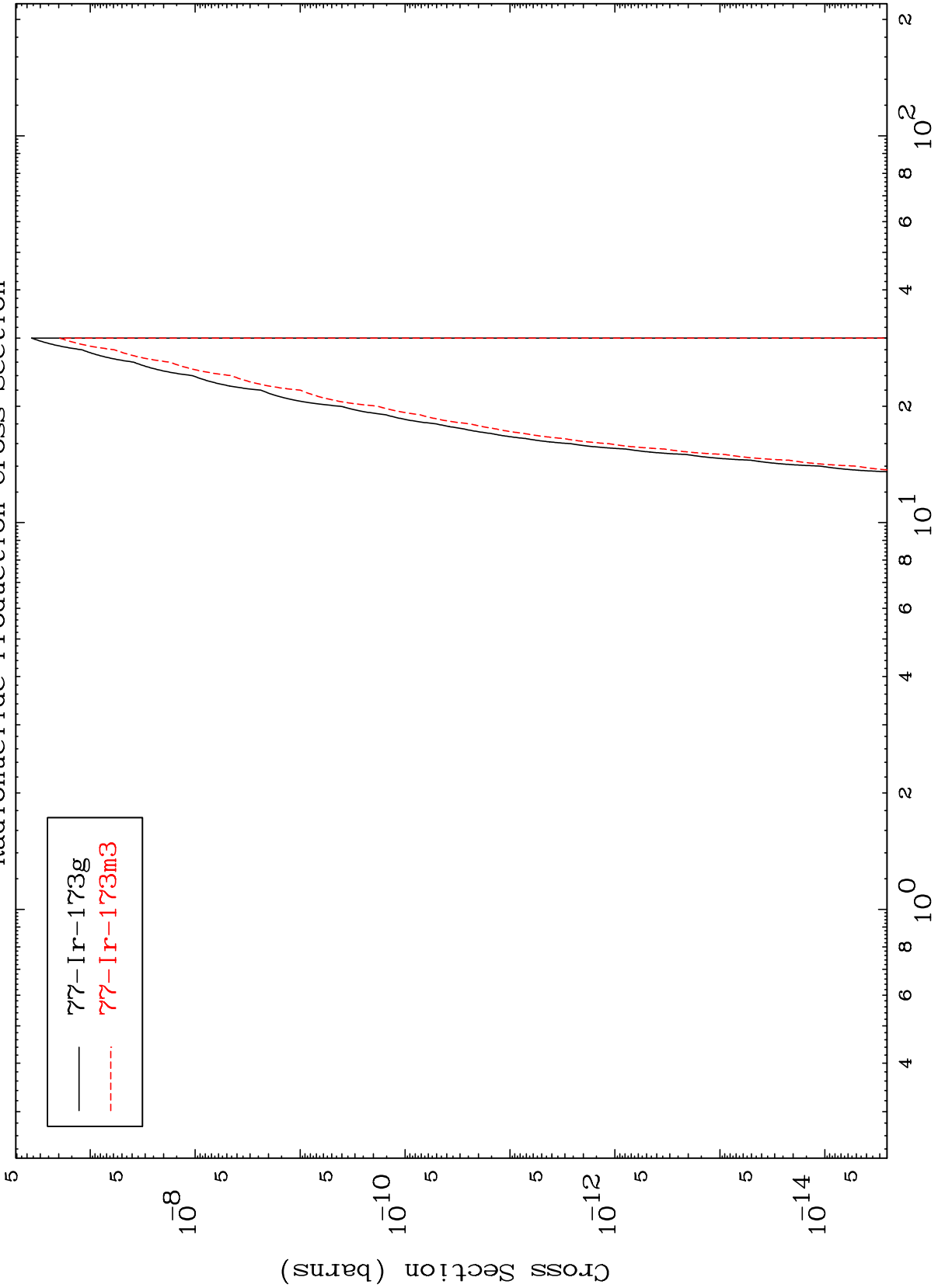
81-Tl-182

MAT 8062

(n,n') 2α

81-Tl-182

Radionuclide Production Cross Section



77-Ir-173g
77-Ir-173m3

15

Incident Energy (MeV)

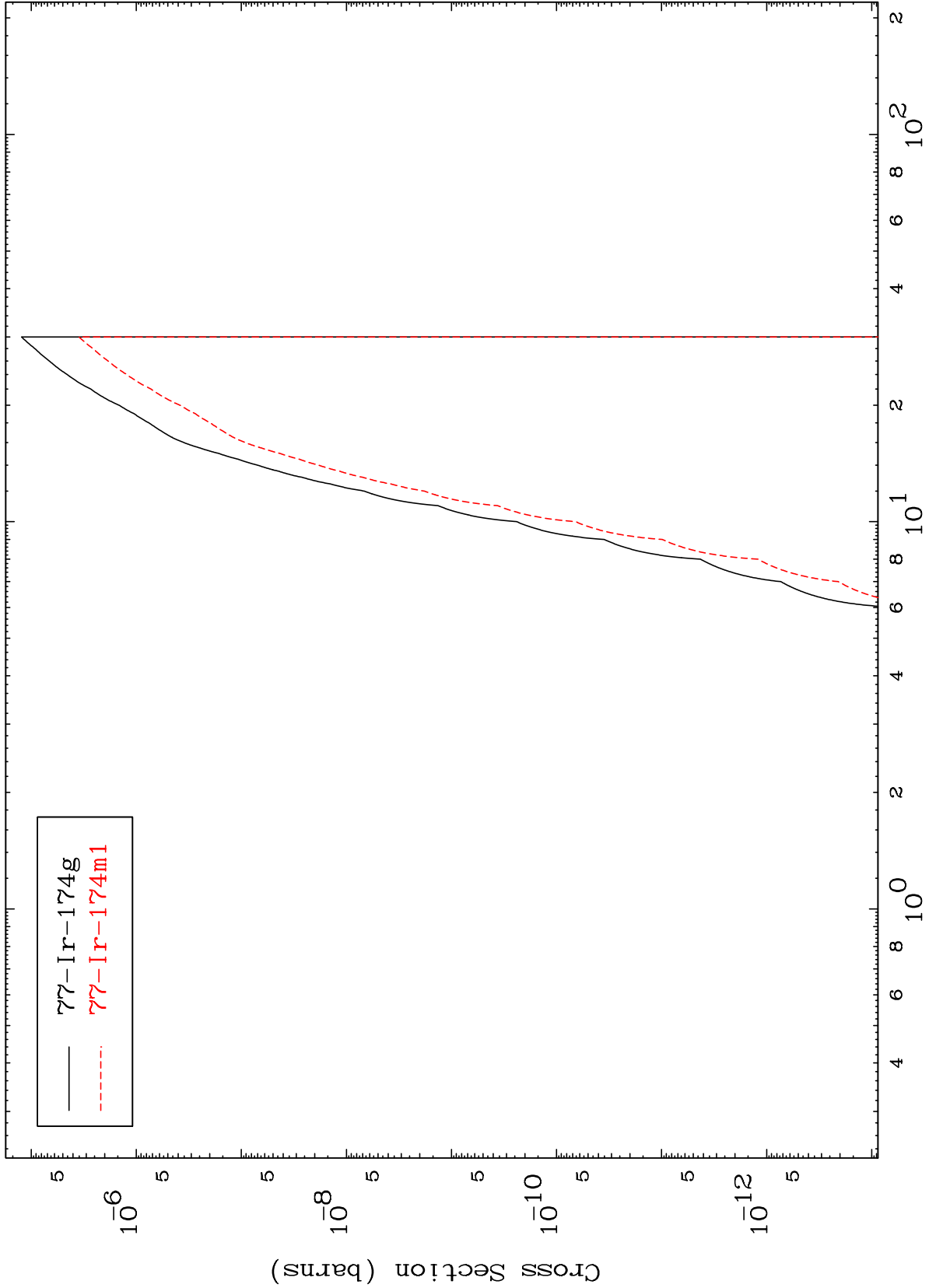
81-Tl-182

MAT 8062

(n,2α)

81-Tl-182

Radionuclide Production Cross Section



16

Incident Energy (MeV)

81-Tl-182