

Program EVALPLOT
(Version 2021-1)

by

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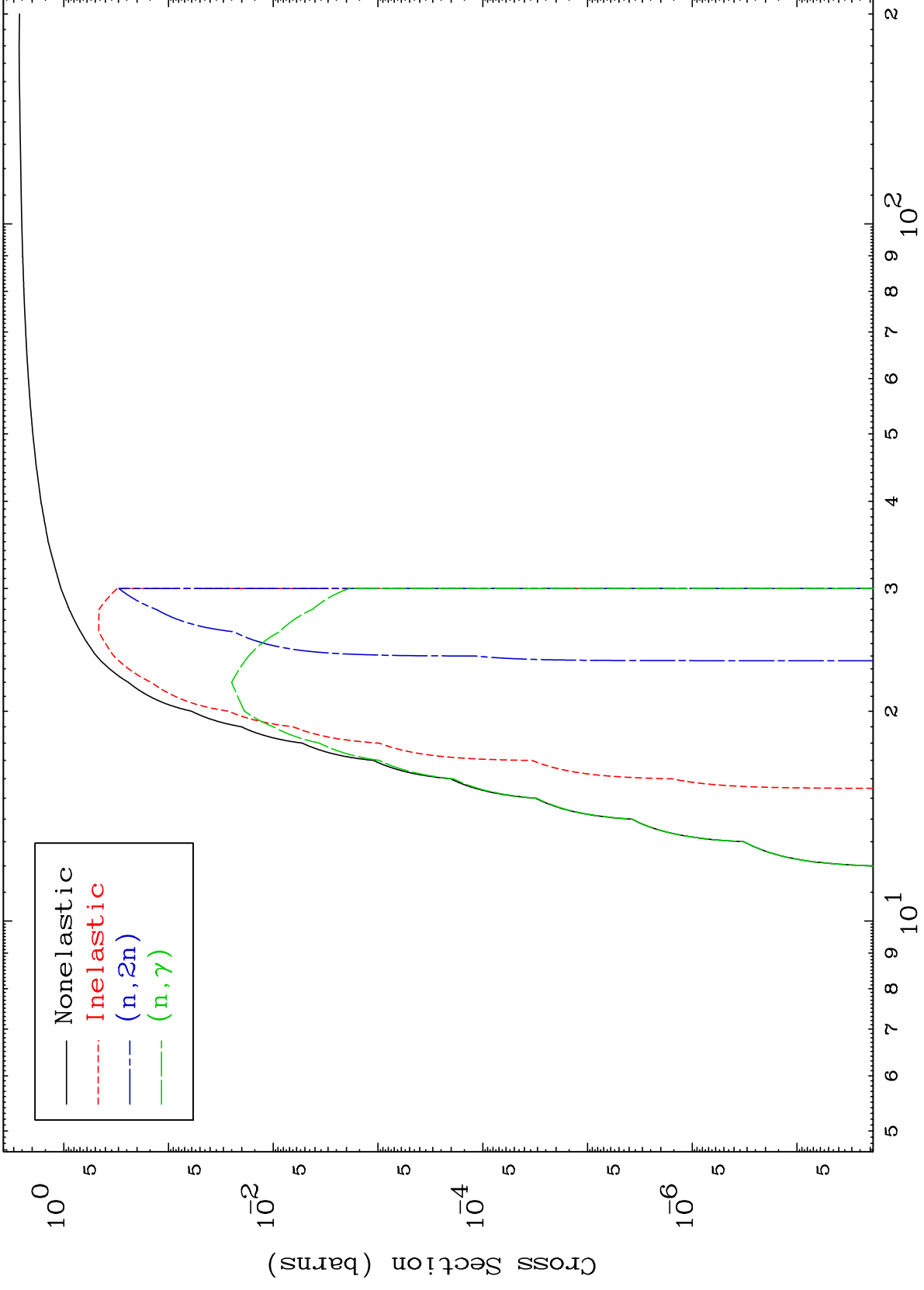
Press Mouse Button to Start

MAT 7889

α Major

79-Au-185

0 Kelvin Cross Sections

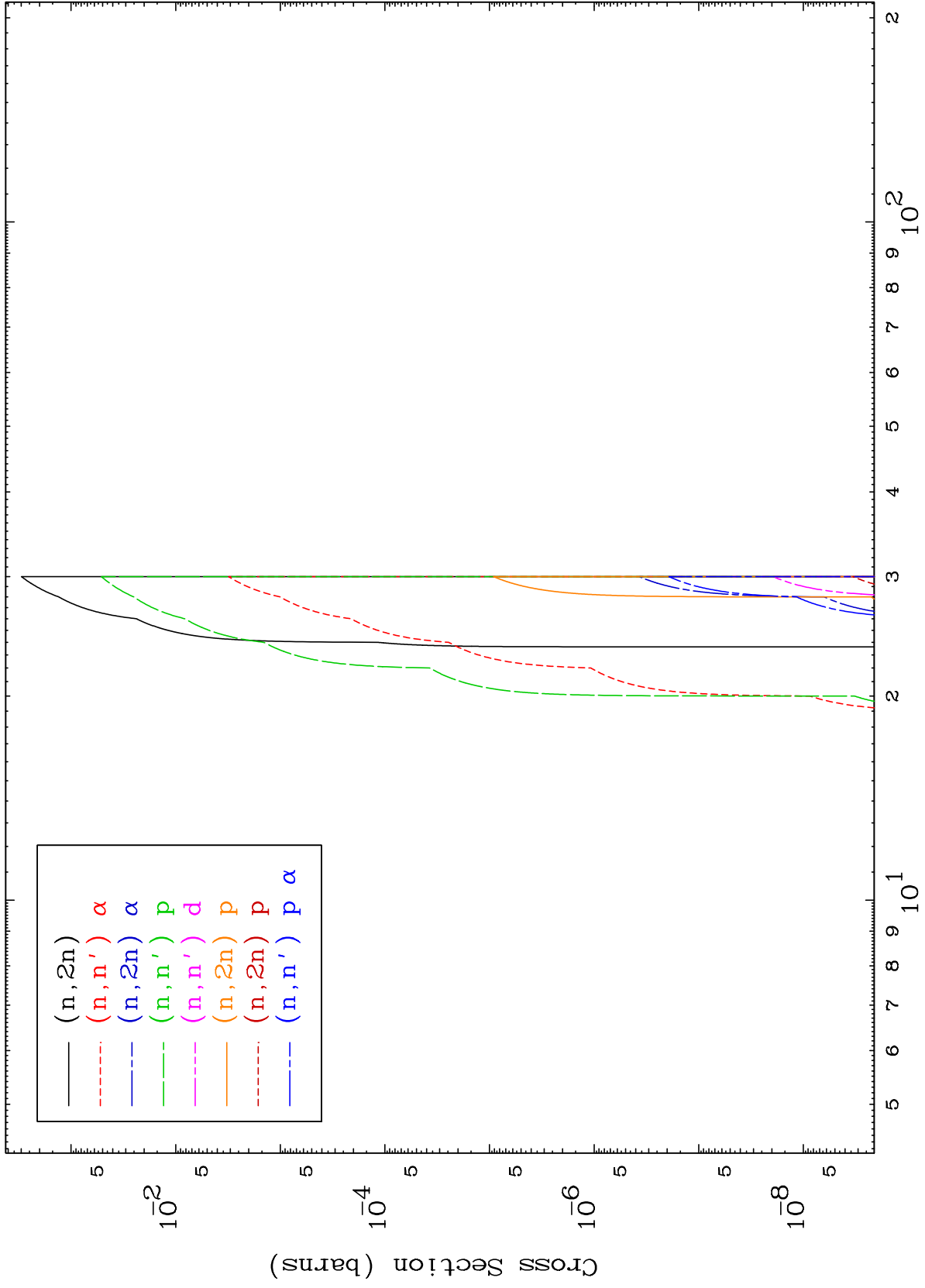


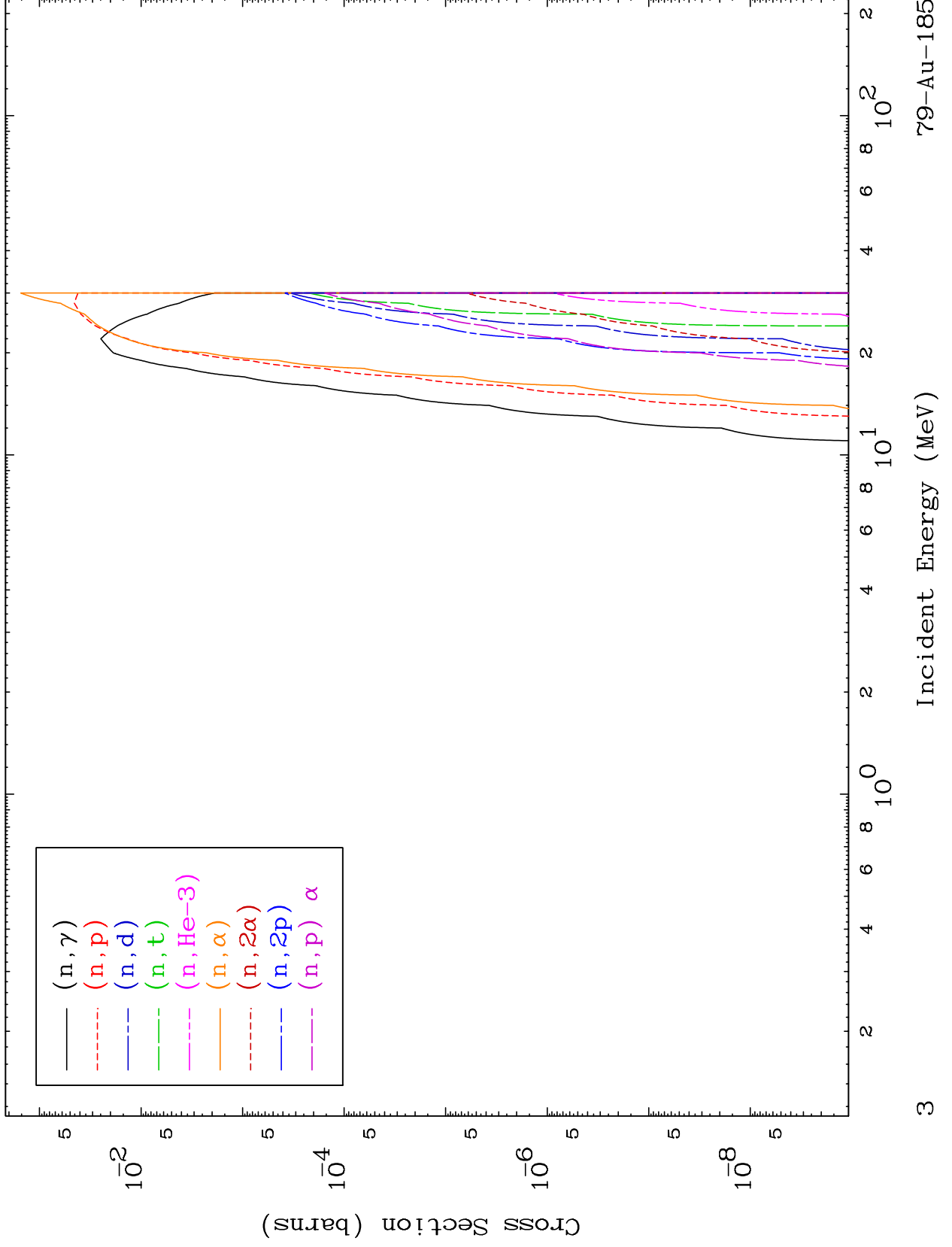
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

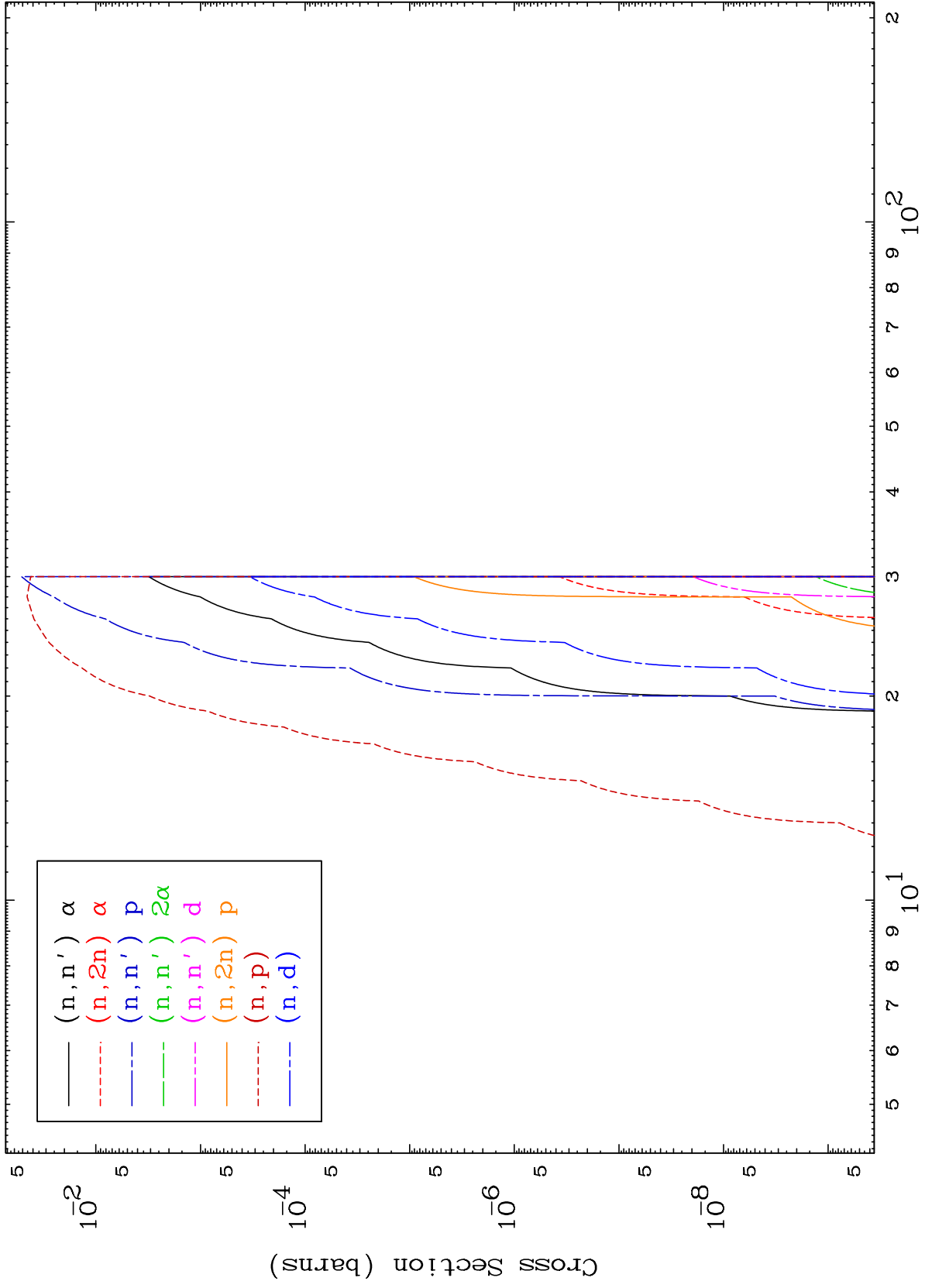
1

Incident Energy (MeV)

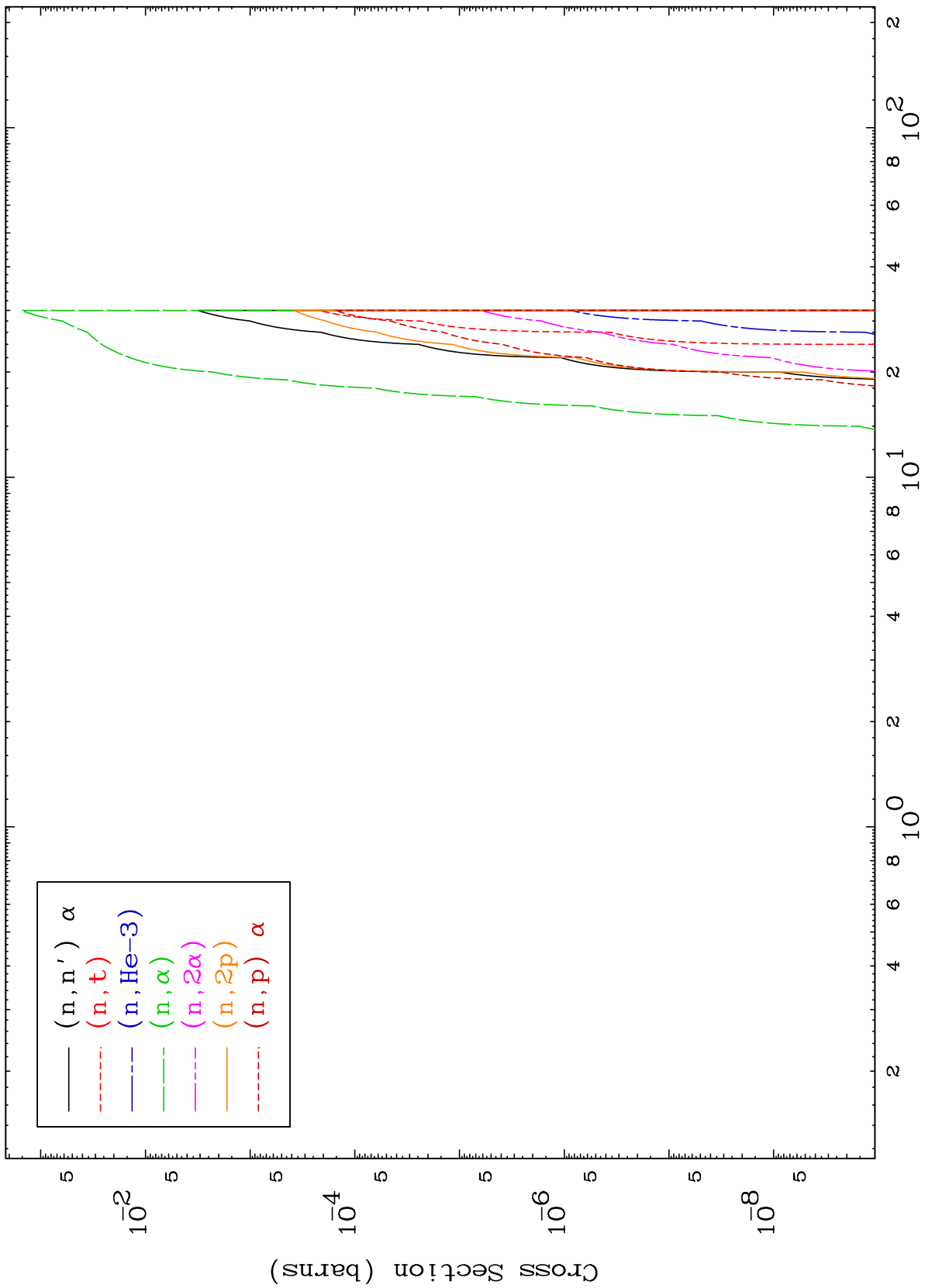
79-Au-185







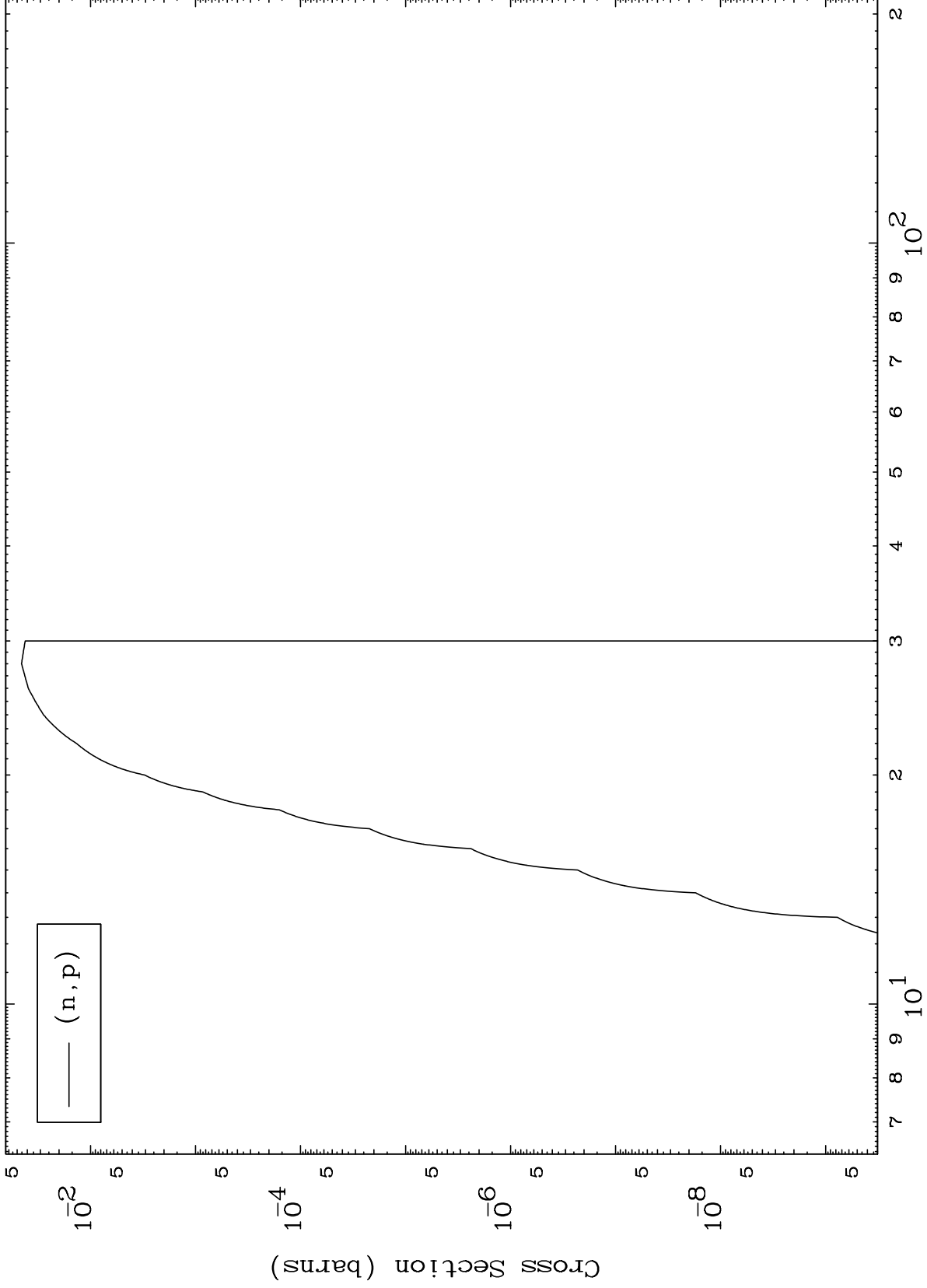
0 Kelvin Cross Sections



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(α, p) Levels
0 Kelvin Cross Sections

79-Au-185



6

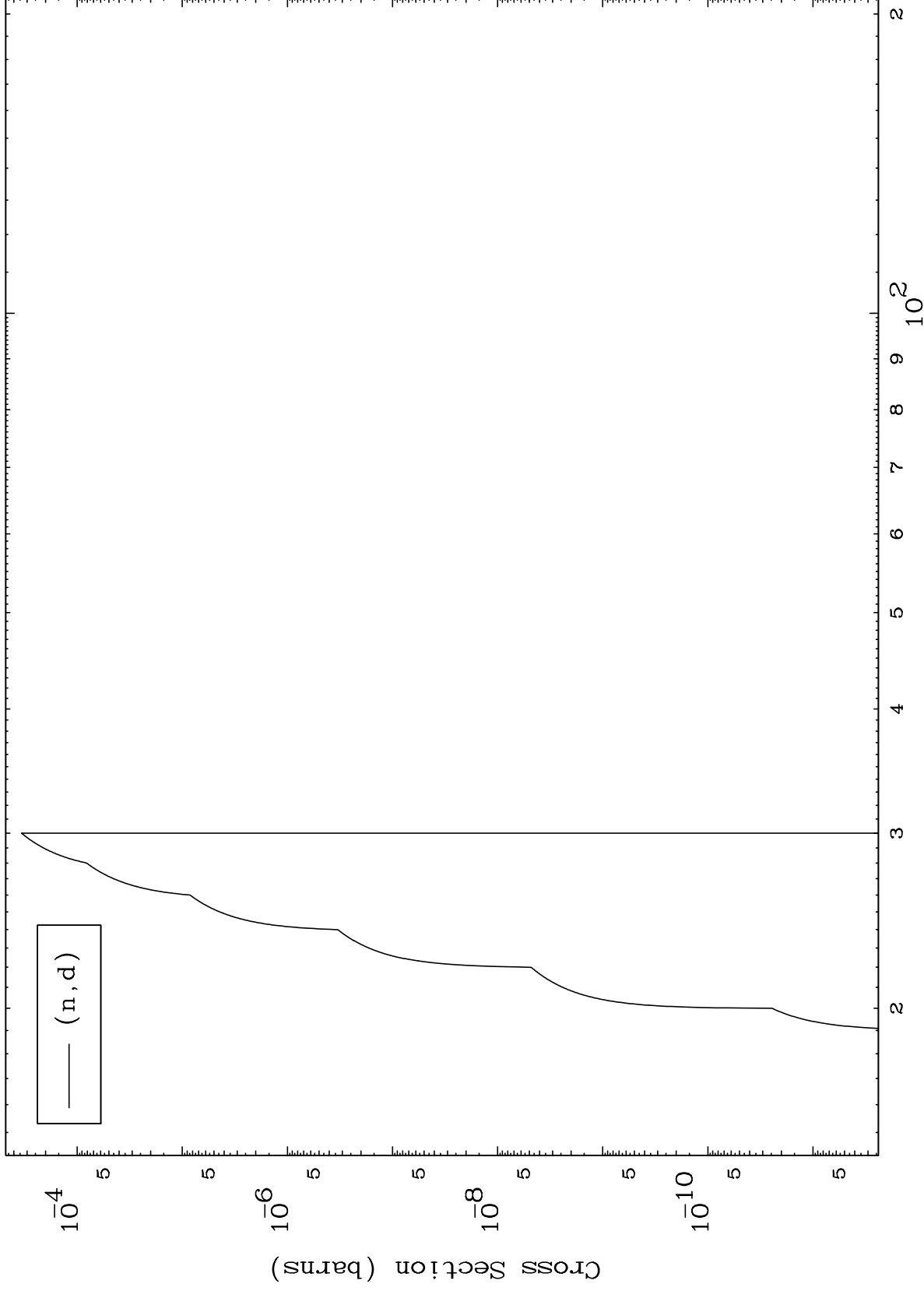
Incident Energy (MeV)

79-Au-185

MAT 7889

(α, d) Levels
0 Kelvin Cross Sections

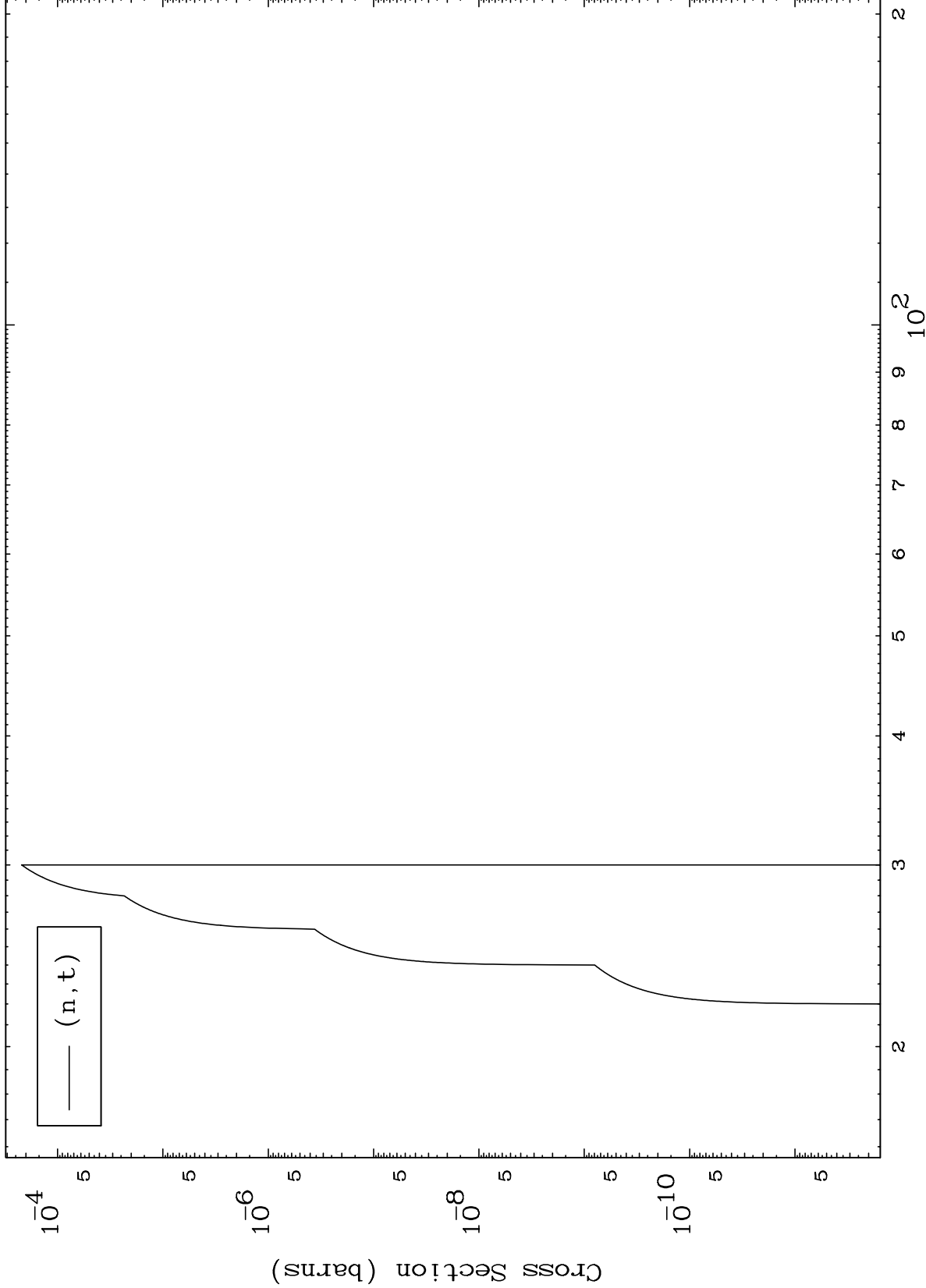
79-Au-185

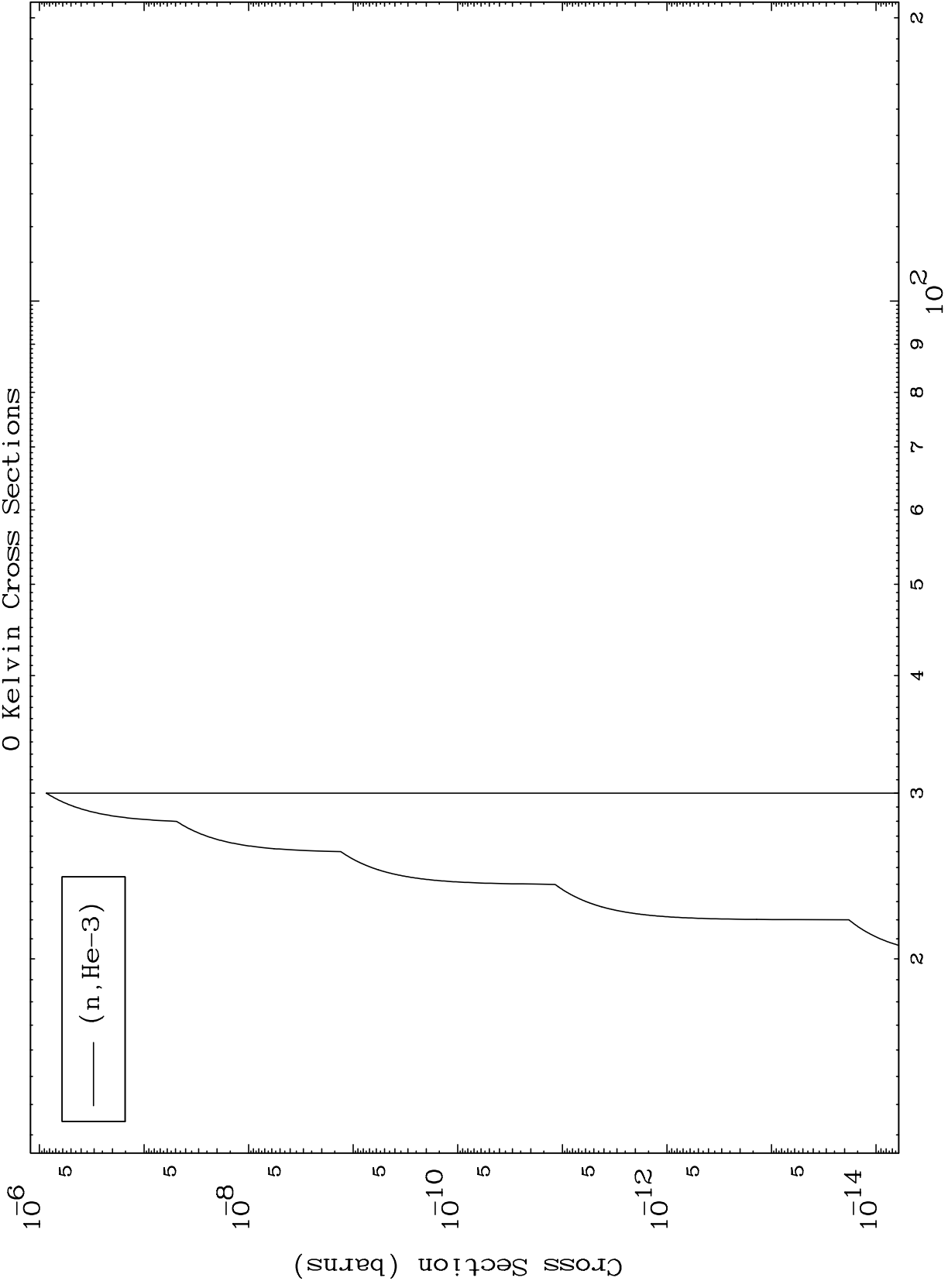


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(α, t) Levels
0 Kelvin Cross Sections

79-Au-185



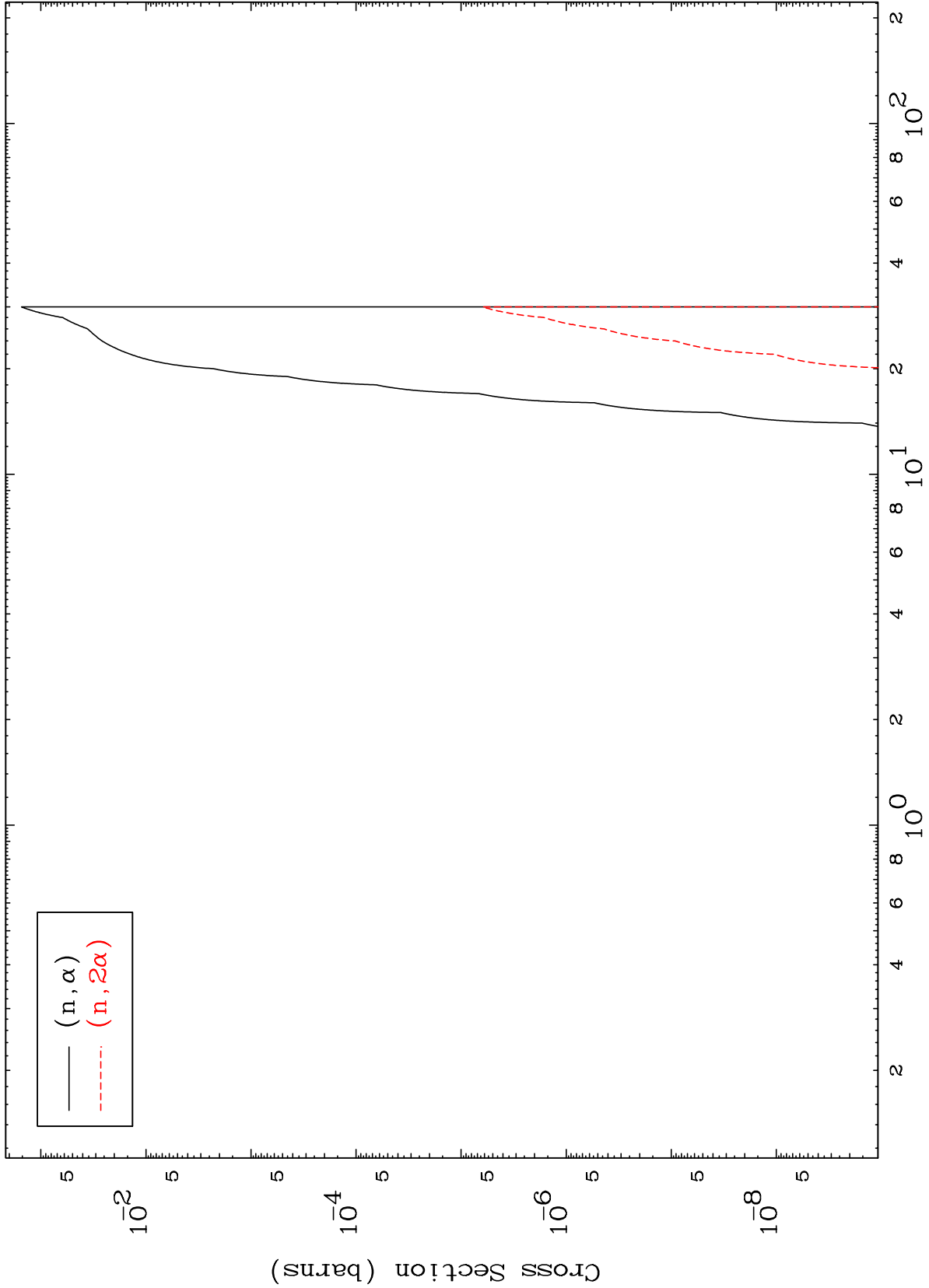


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(α, α) Levels

79-Au-185

0 Kelvin Cross Sections

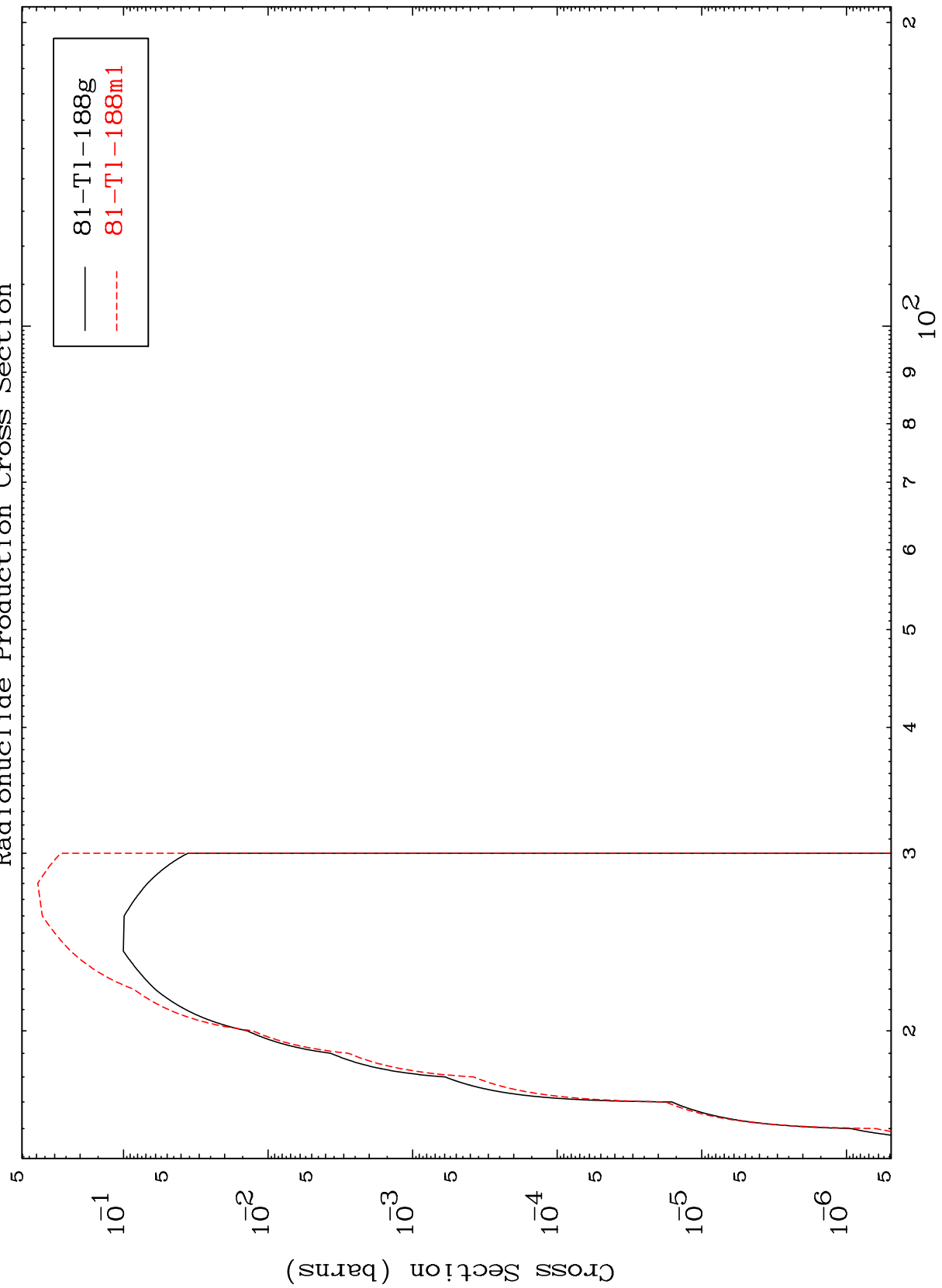


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Incident Energy (MeV)

79-Au-185

Inelastic
Radionuclide Production Cross Section

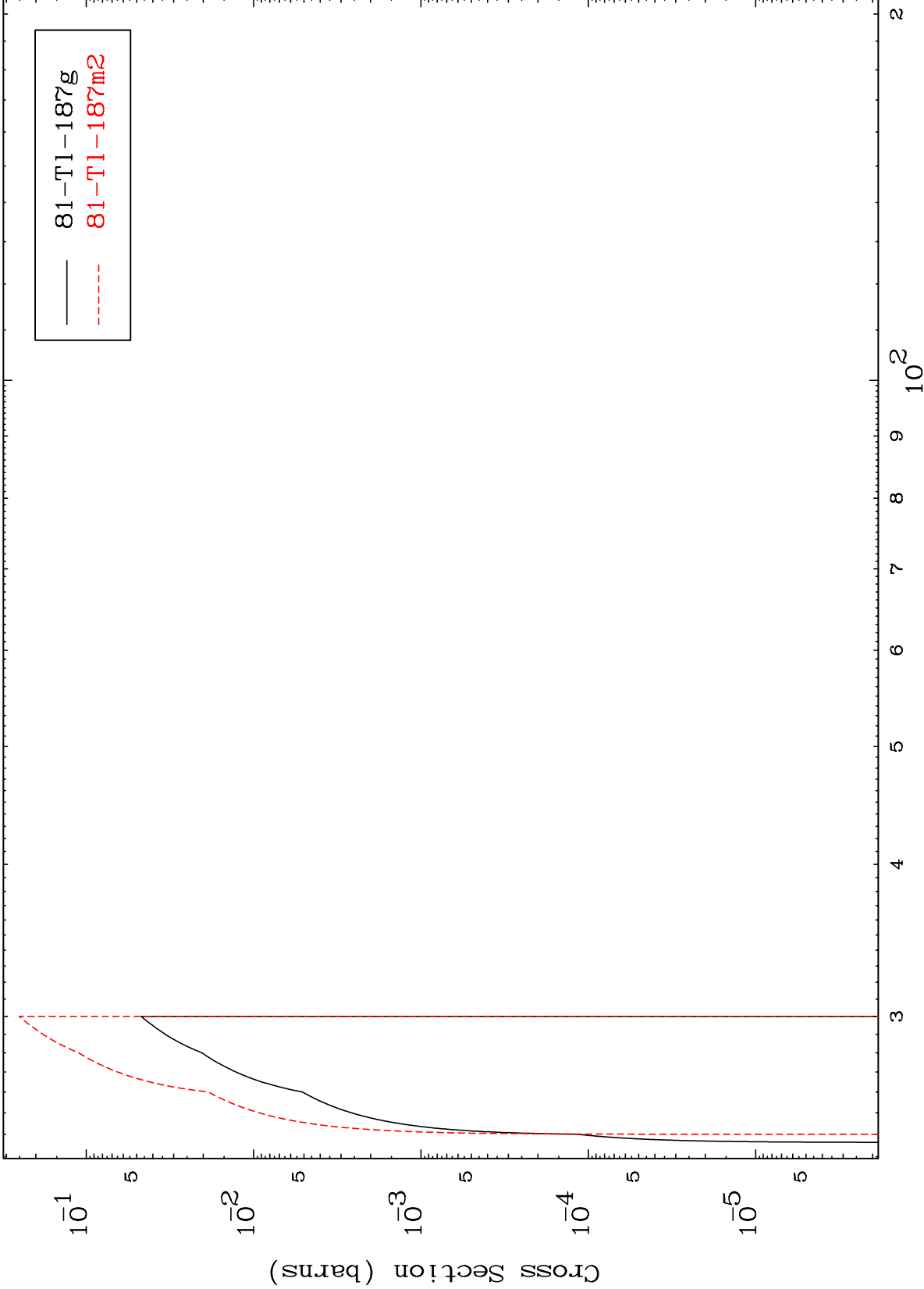


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(n,2n)

79-Au-185

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

12

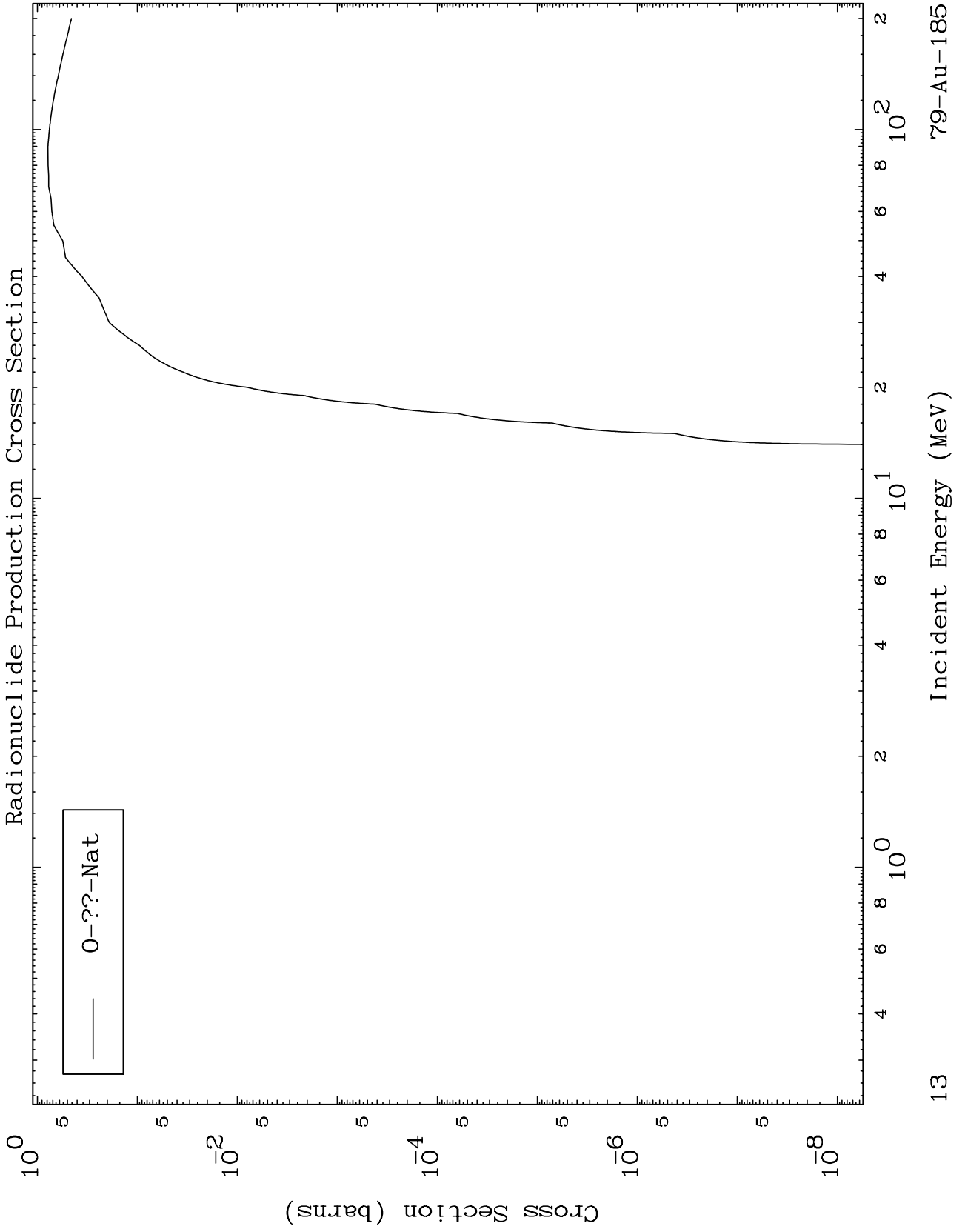
Incident Energy (MeV)

79-Au-185

MAT 7889

Fission

⁷⁹Au-185

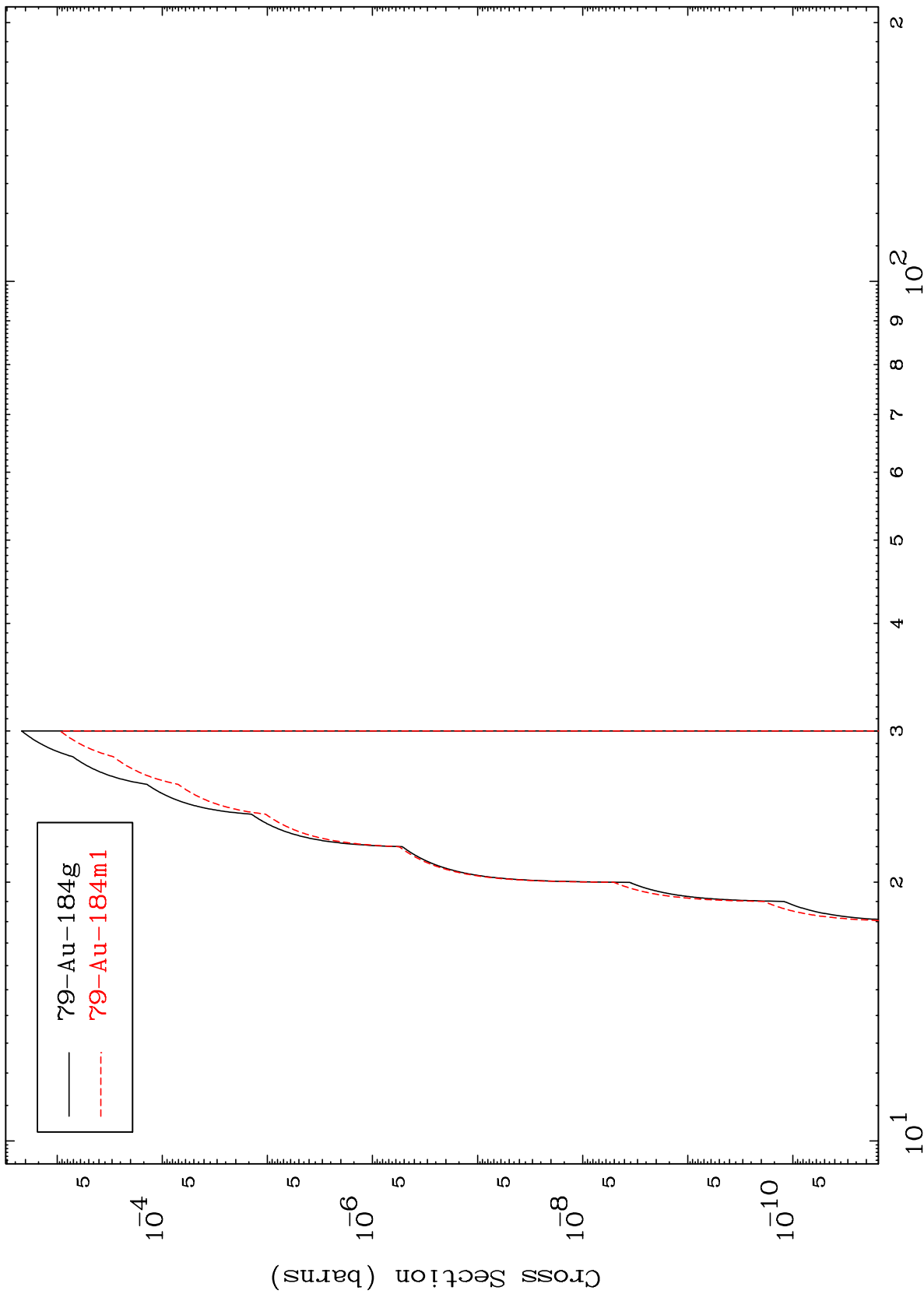


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(n, n') α

$^{79}\text{Au-185}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

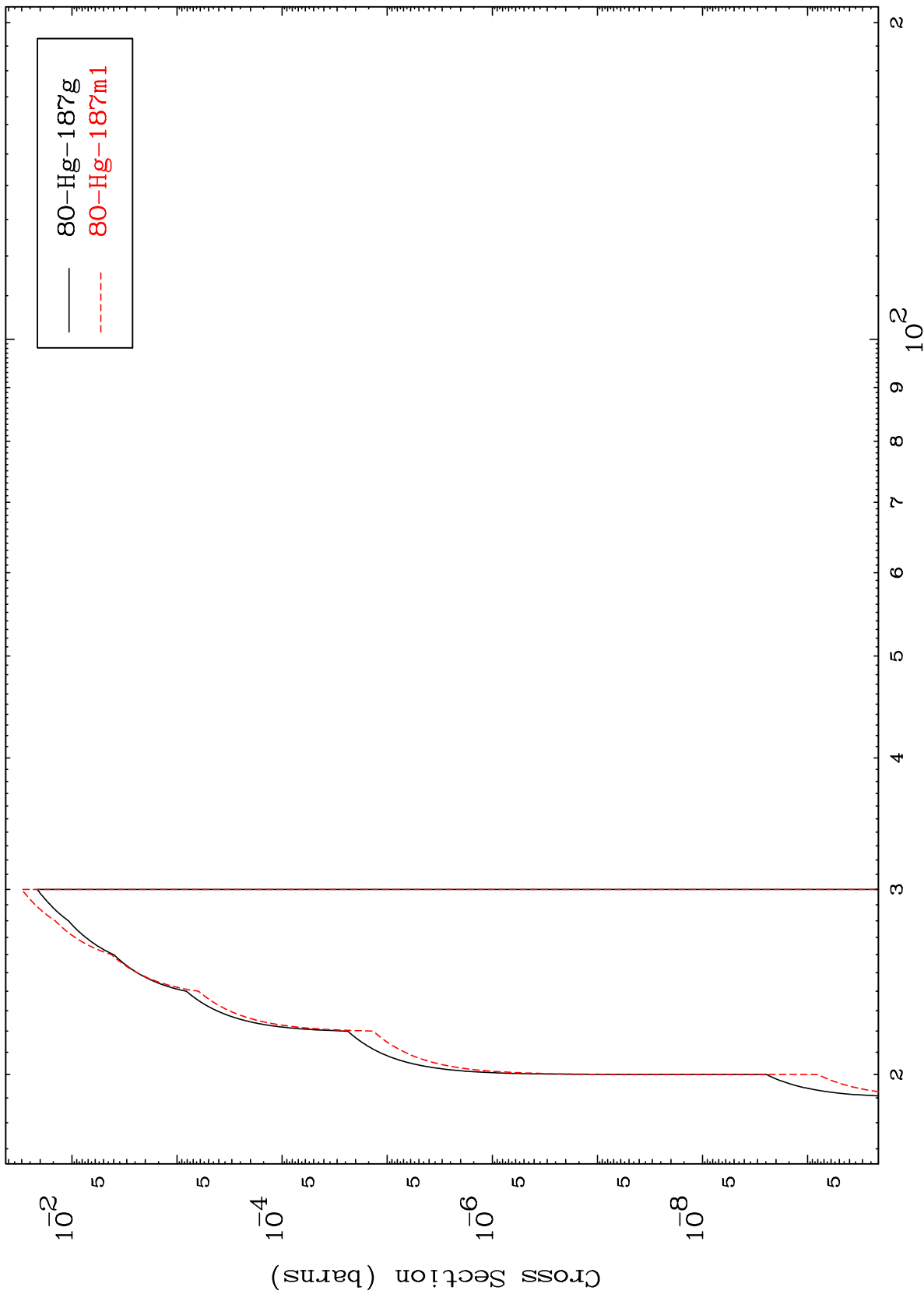
$^{79}\text{Au-185}$

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(n,n') p

79-Au-185

Radionuclide Production Cross Section



15

Incident Energy (MeV)

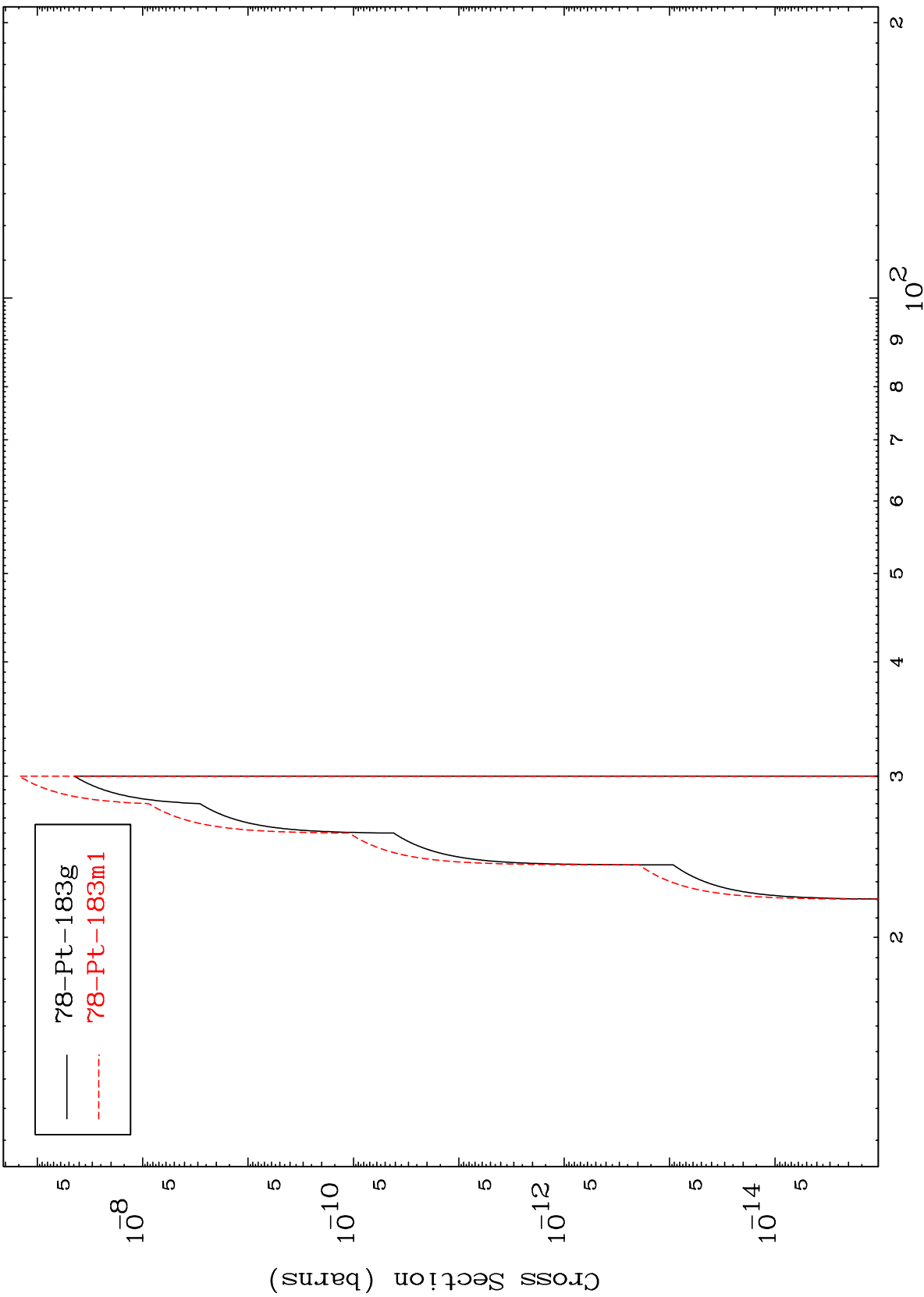
79-Au-185

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(n,n') p α

79-Au-185

Radionuclide Production Cross Section



16

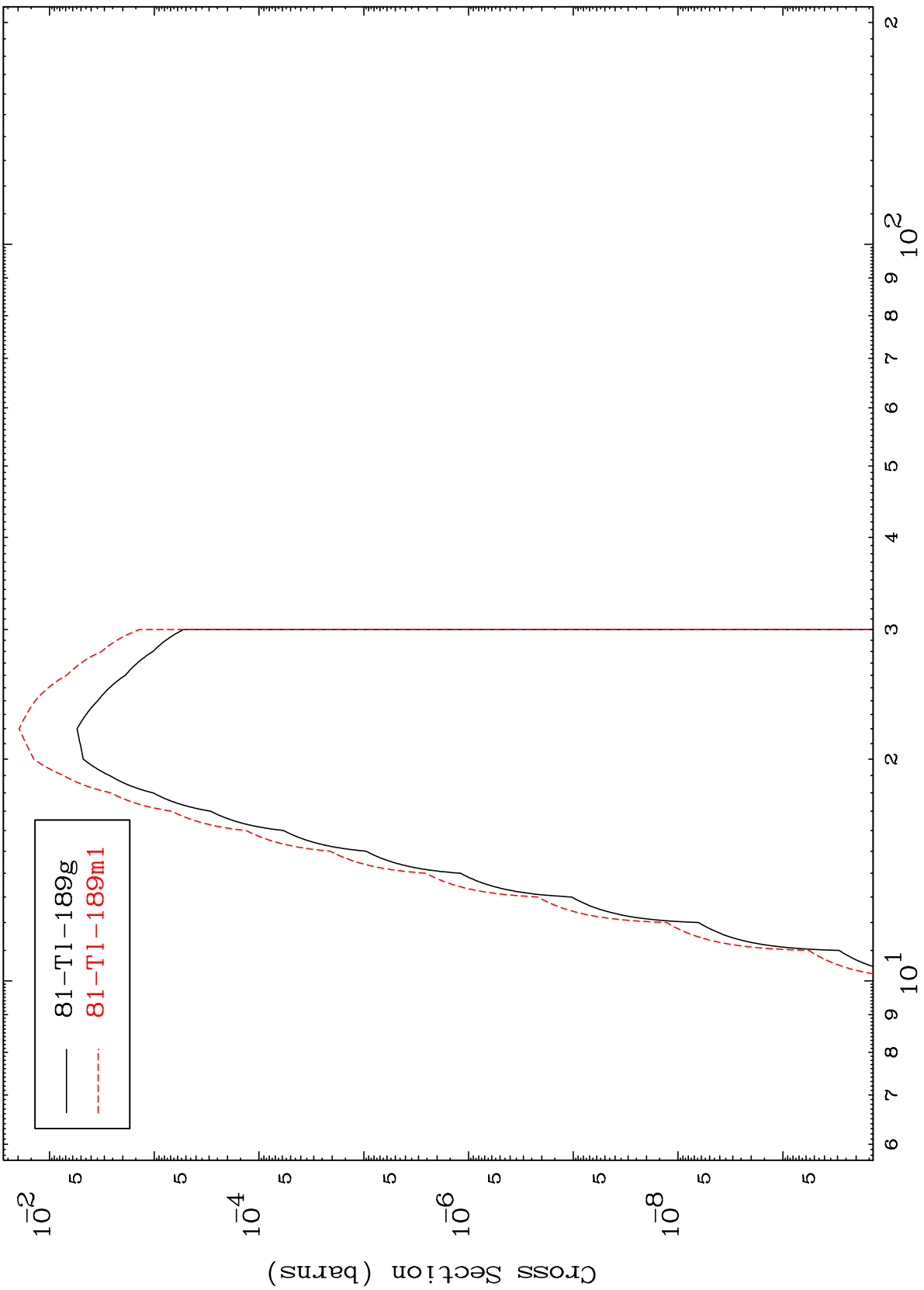
Incident Energy (MeV)

79-Au-185

MAT 7889

79-Au-185

Radionuclide Production Cross Section
(n, γ)



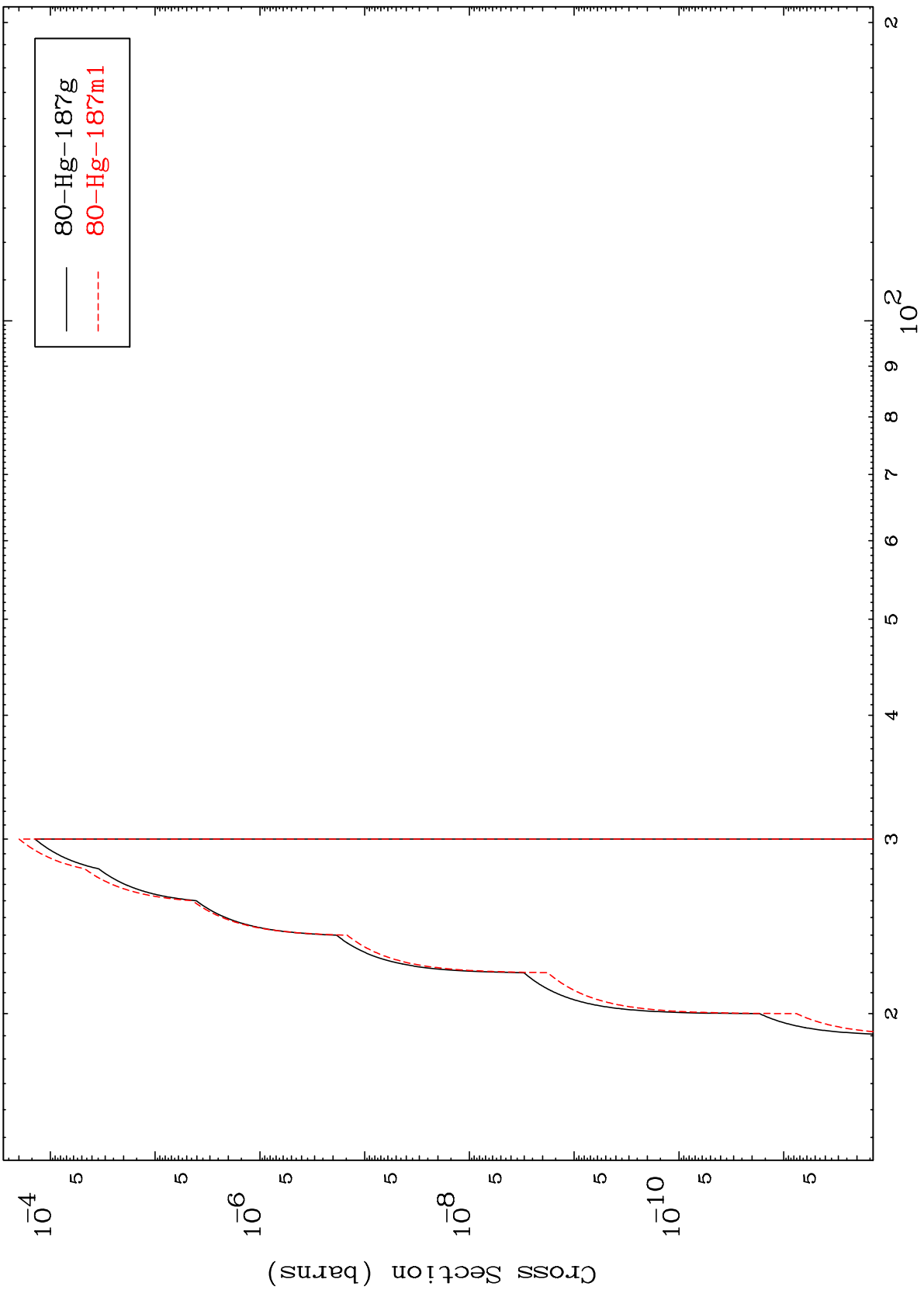
81-Tl-189g
81-Tl-189m1

17

Incident Energy (MeV)

79-Au-185

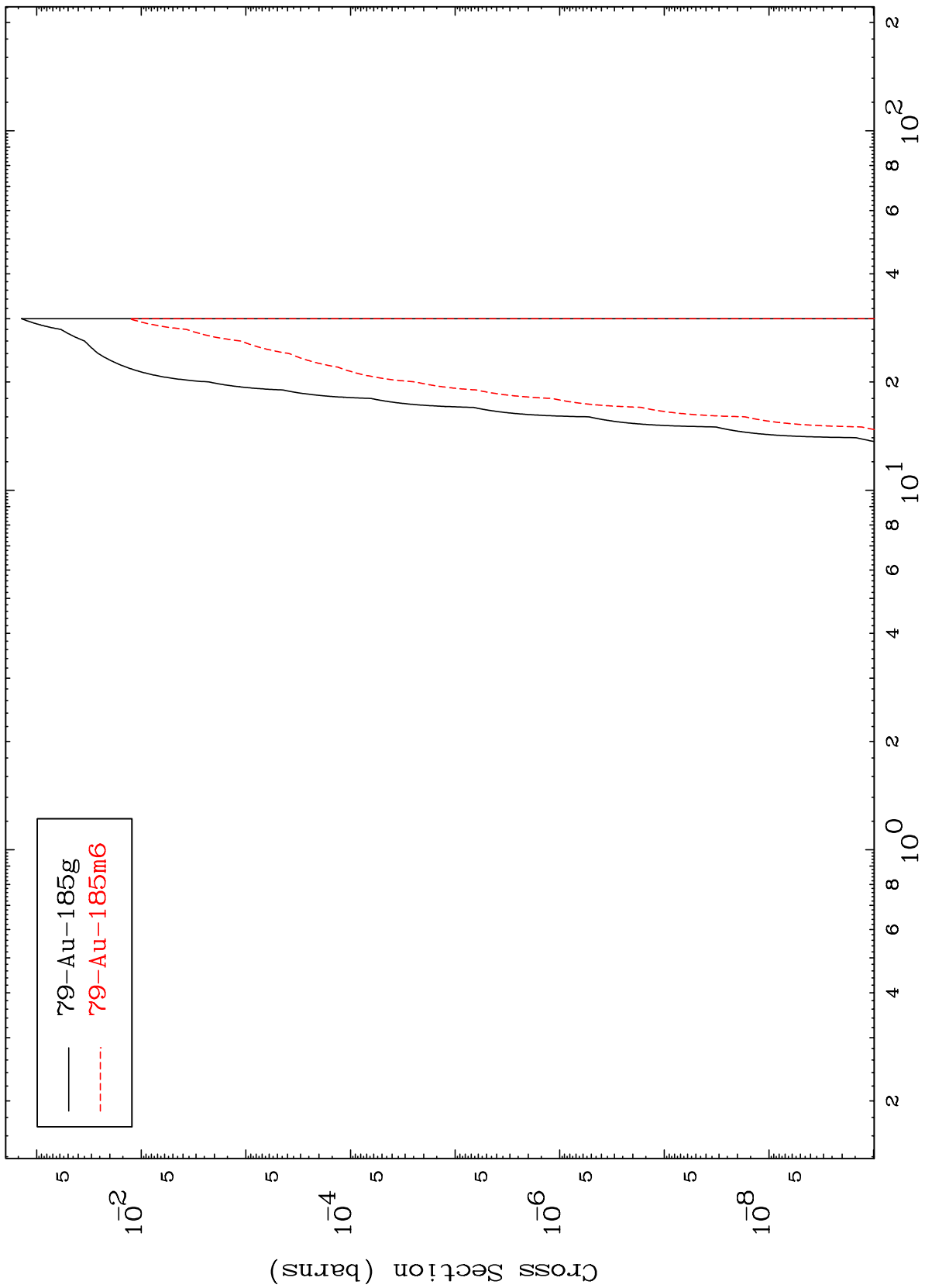
(n,d)
Radionuclide Production Cross Section



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⁷⁹Au-185

Radionuclide Production Cross Section (n,α)



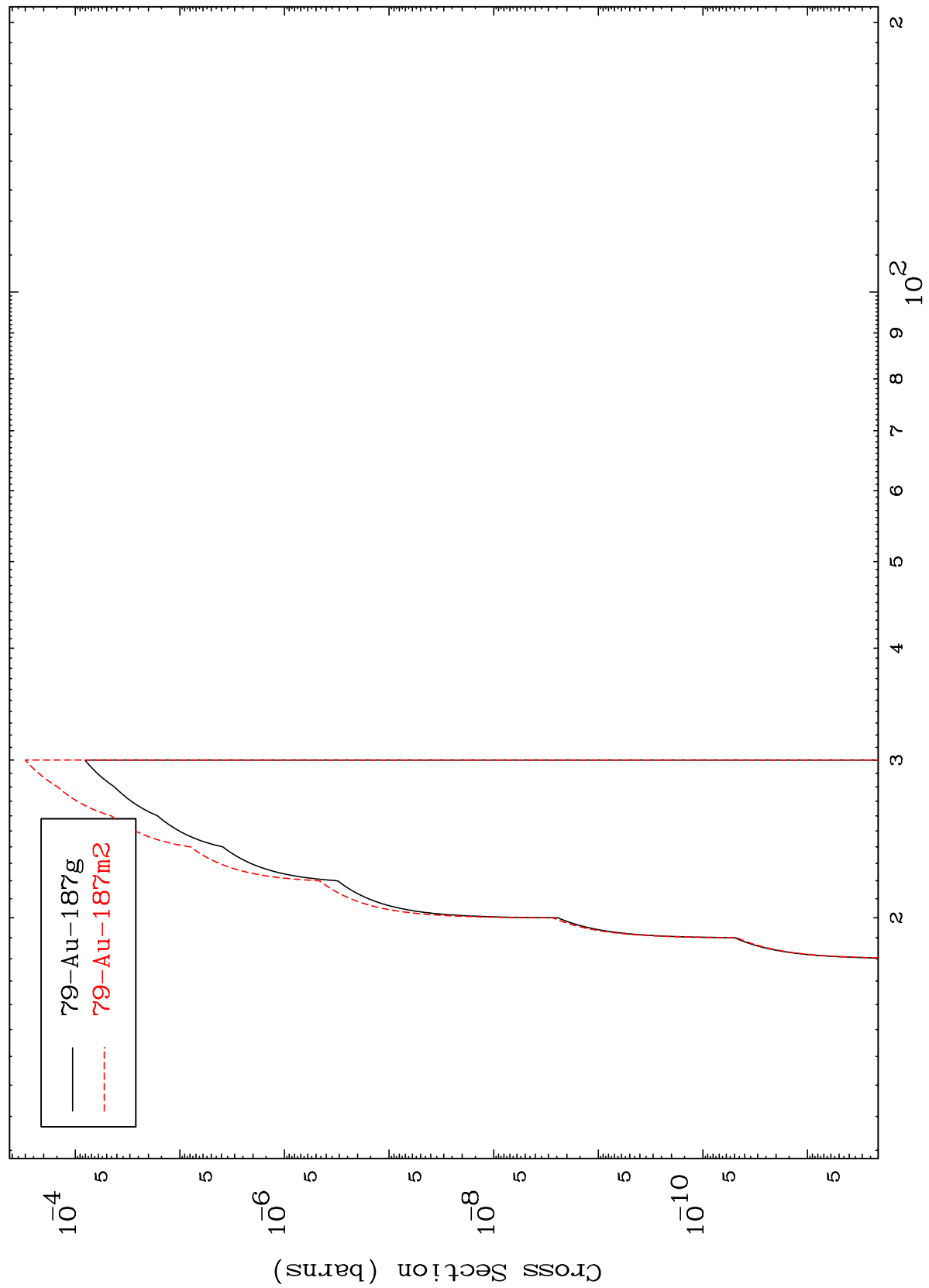
19

⁷⁹Au-185

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79-Au-185

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

79-Au-185