

Program EVALPLOT
(Version 2021-1)

by

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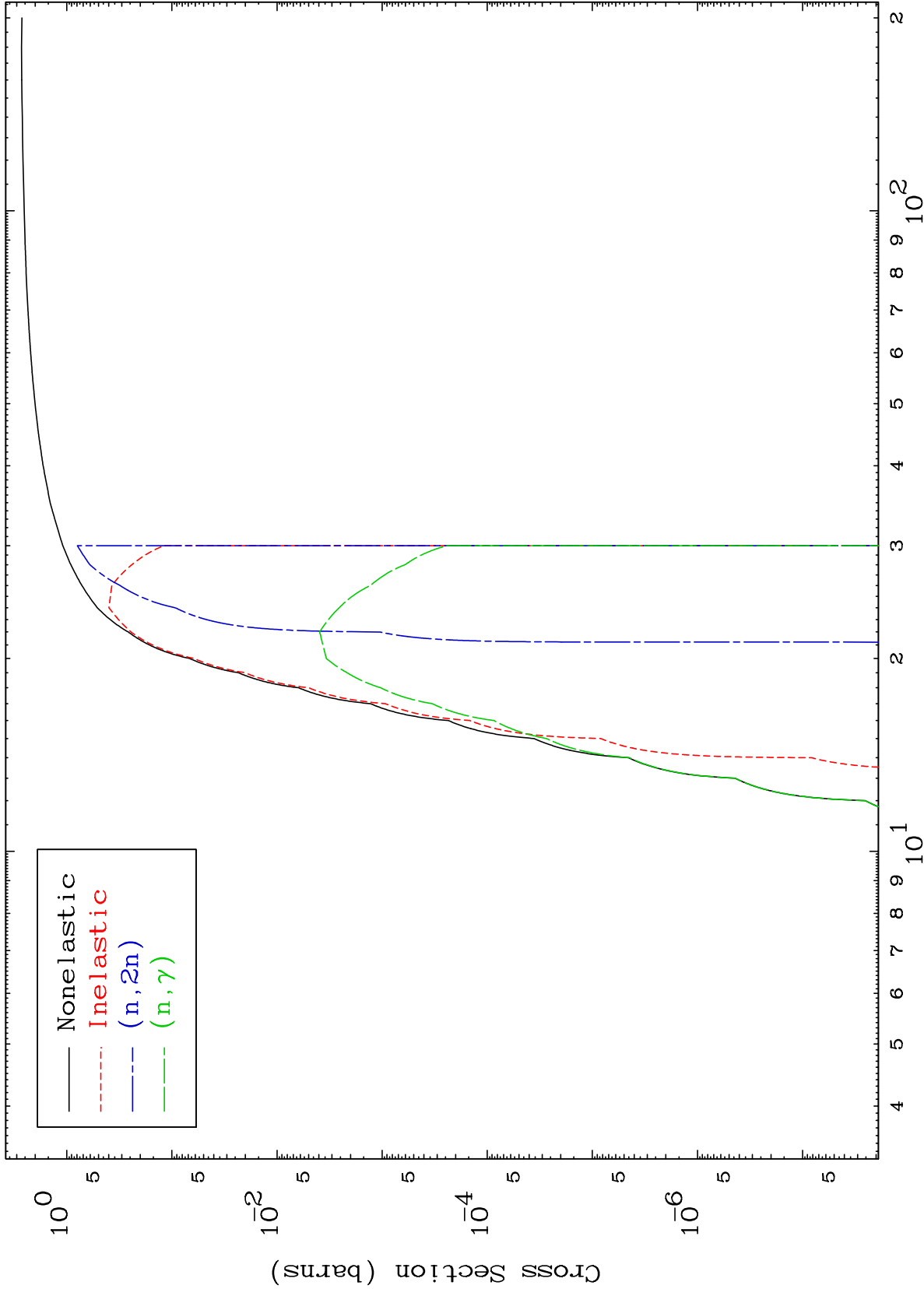
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7902

0 Kelvin Cross Sections

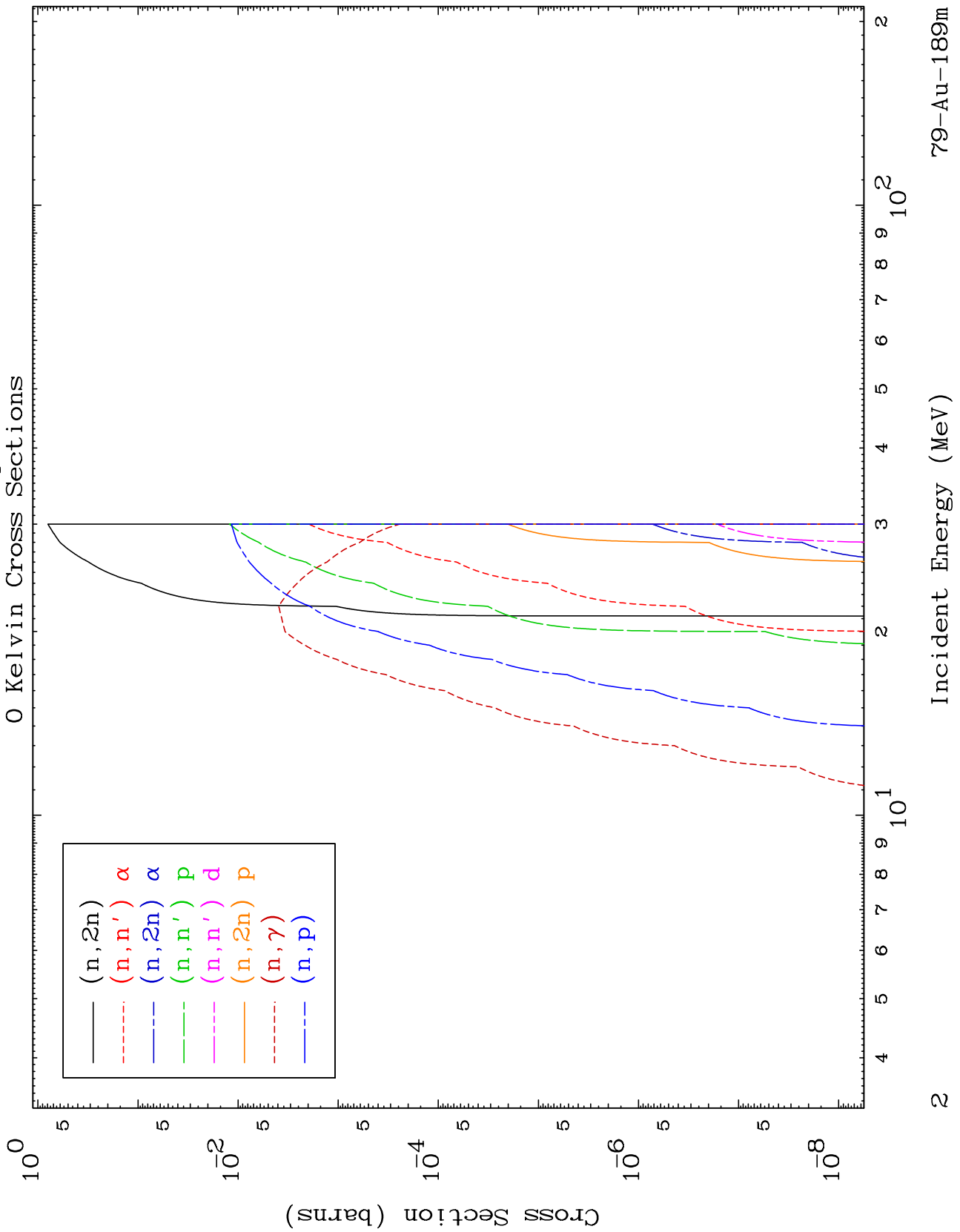
79-Au-189m

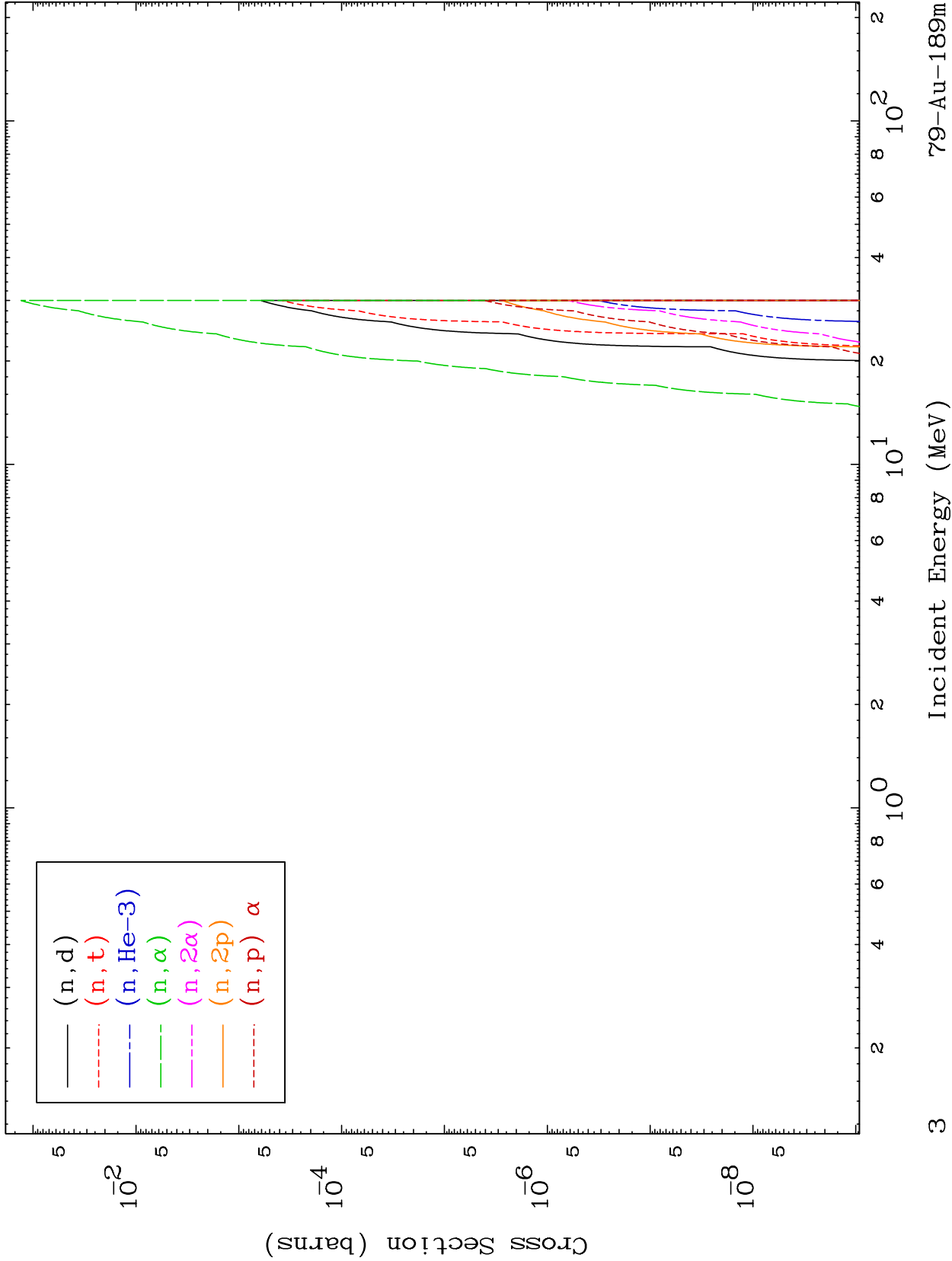


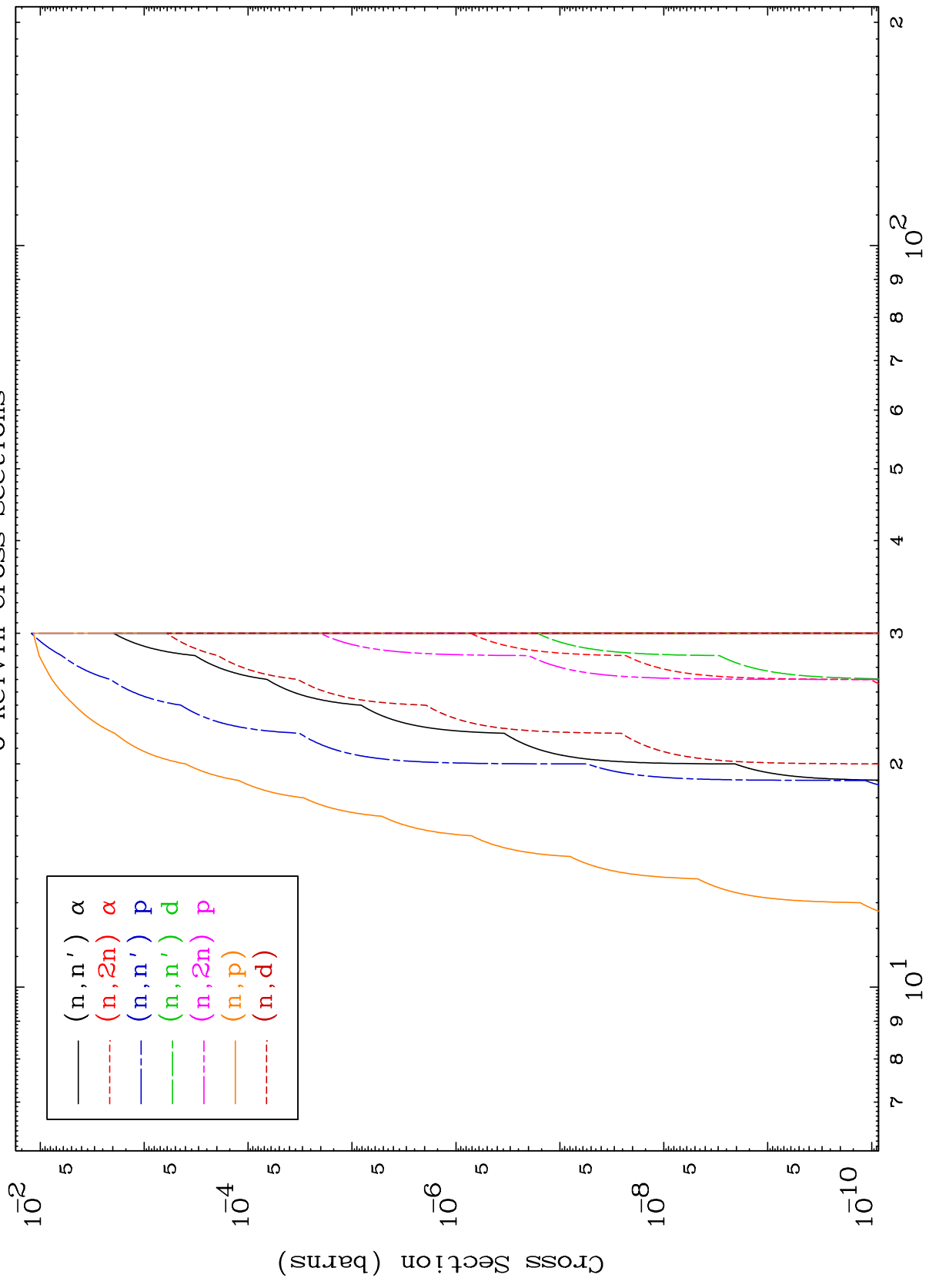
1

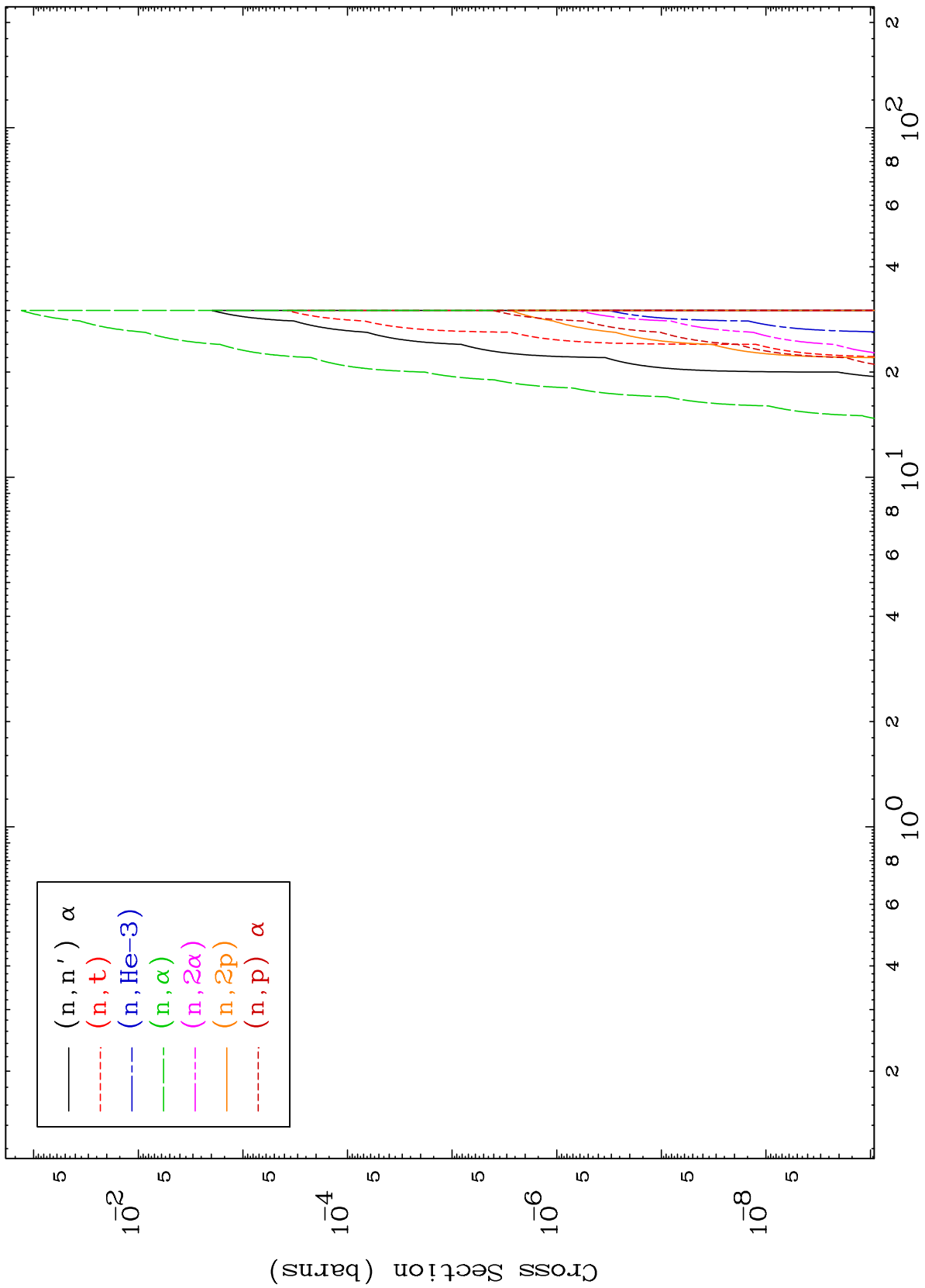
Incident Energy (MeV)

79-Au-189m







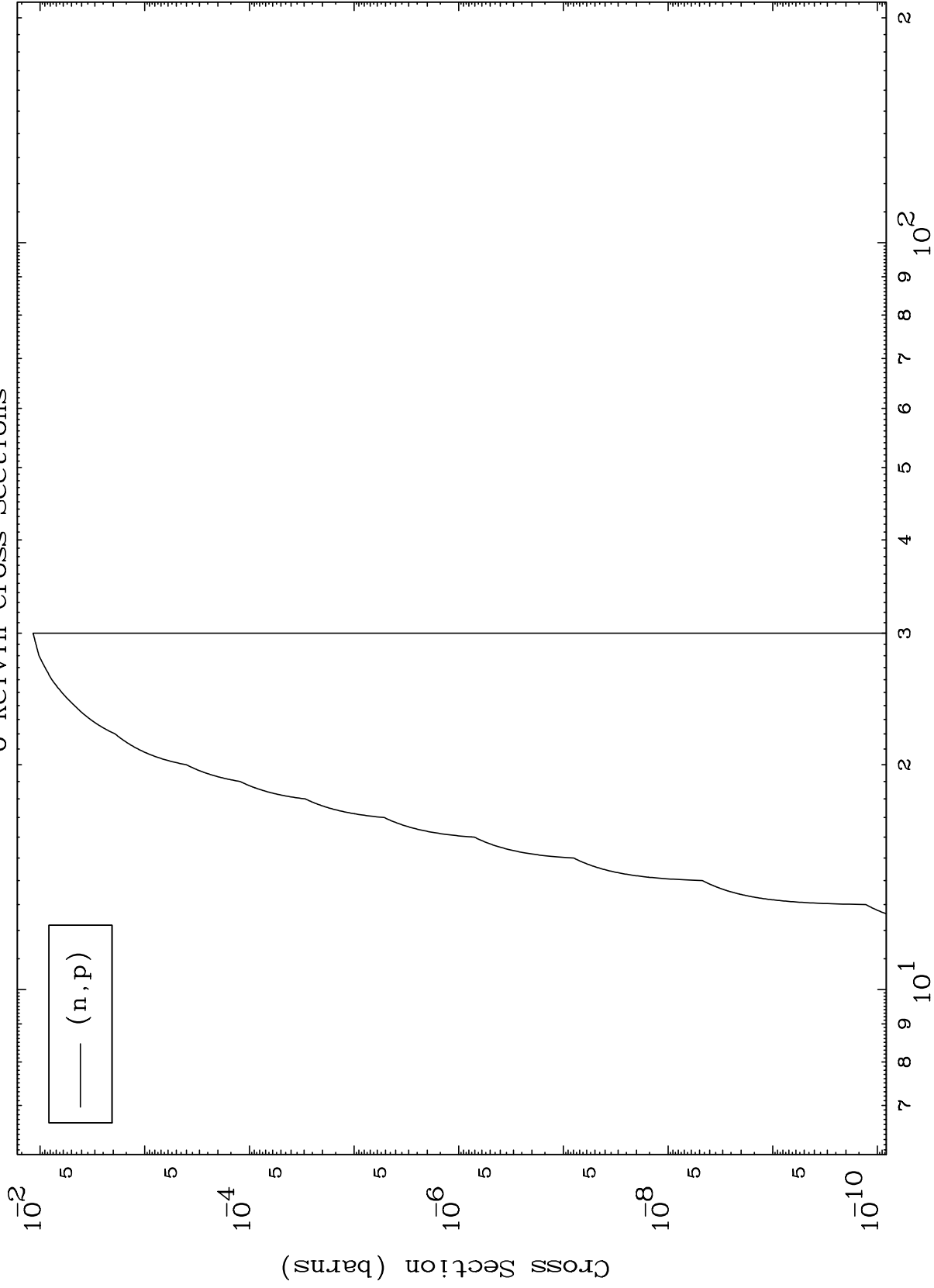


MAT 7902

(α, p) Levels

⁷⁹Au-189m

0 Kelvin Cross Sections



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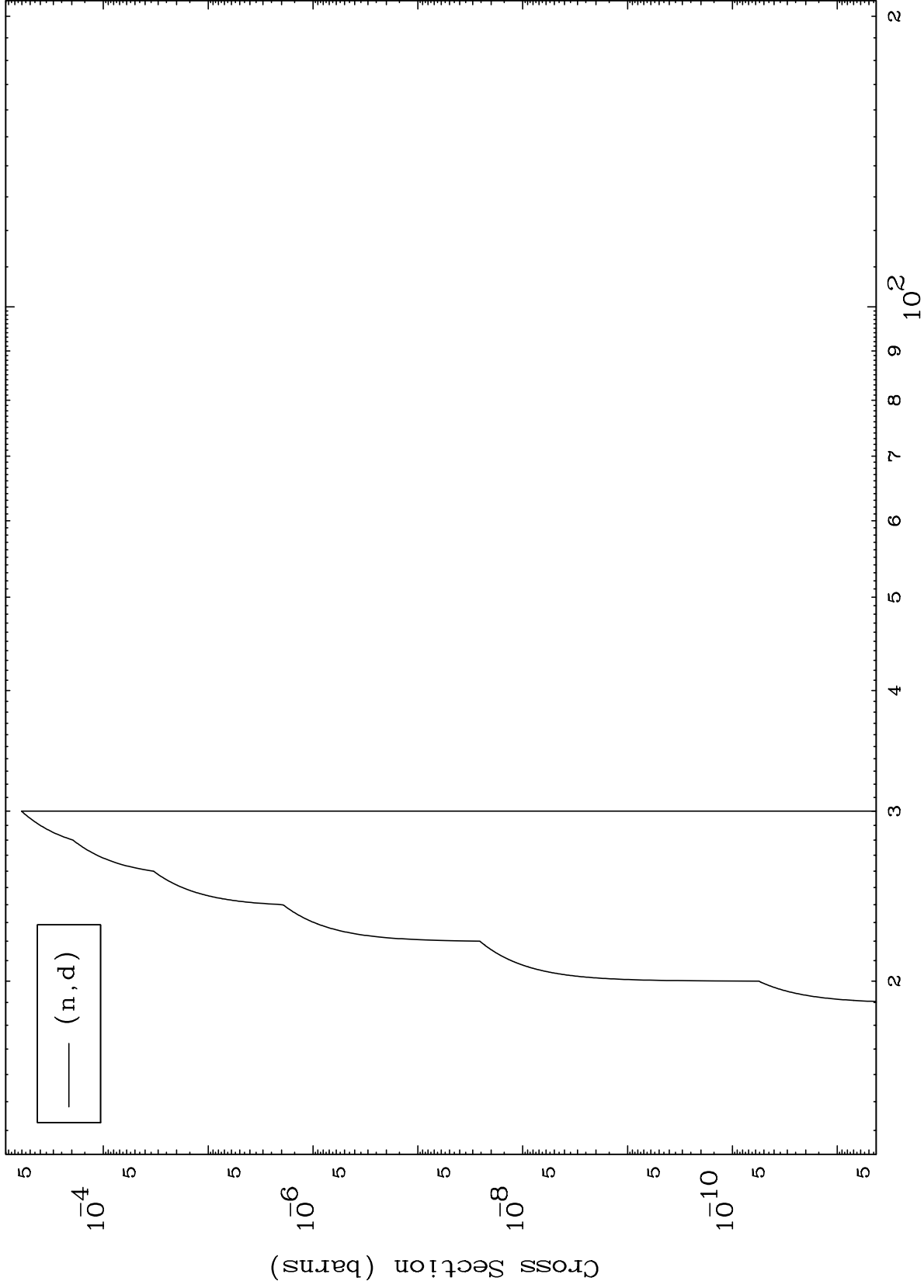
Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

(α, d) Levels
0 Kelvin Cross Sections

⁷⁹Au-189m



7

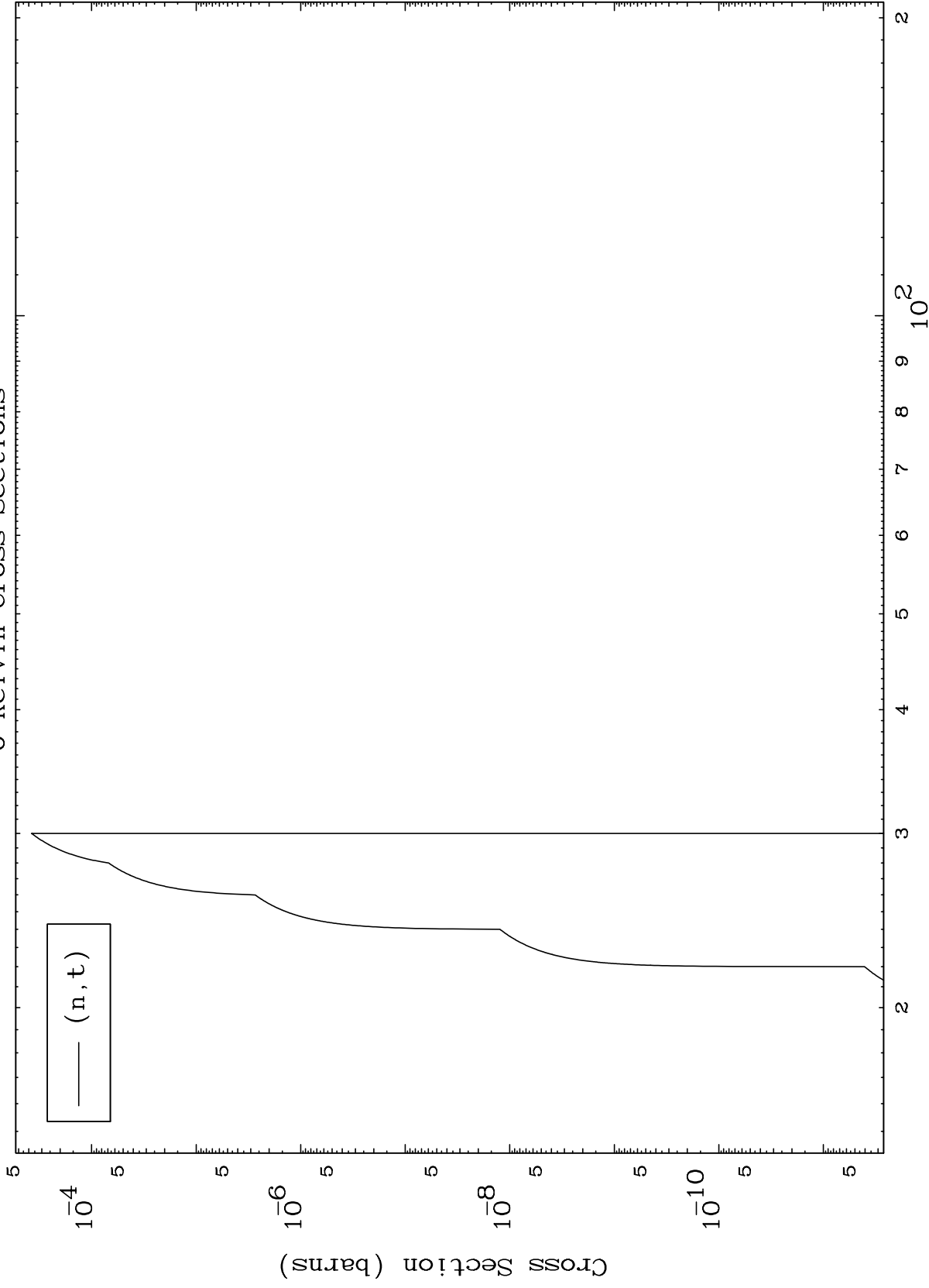
Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

(α, t) Levels
0 Kelvin Cross Sections

⁷⁹Au-189m

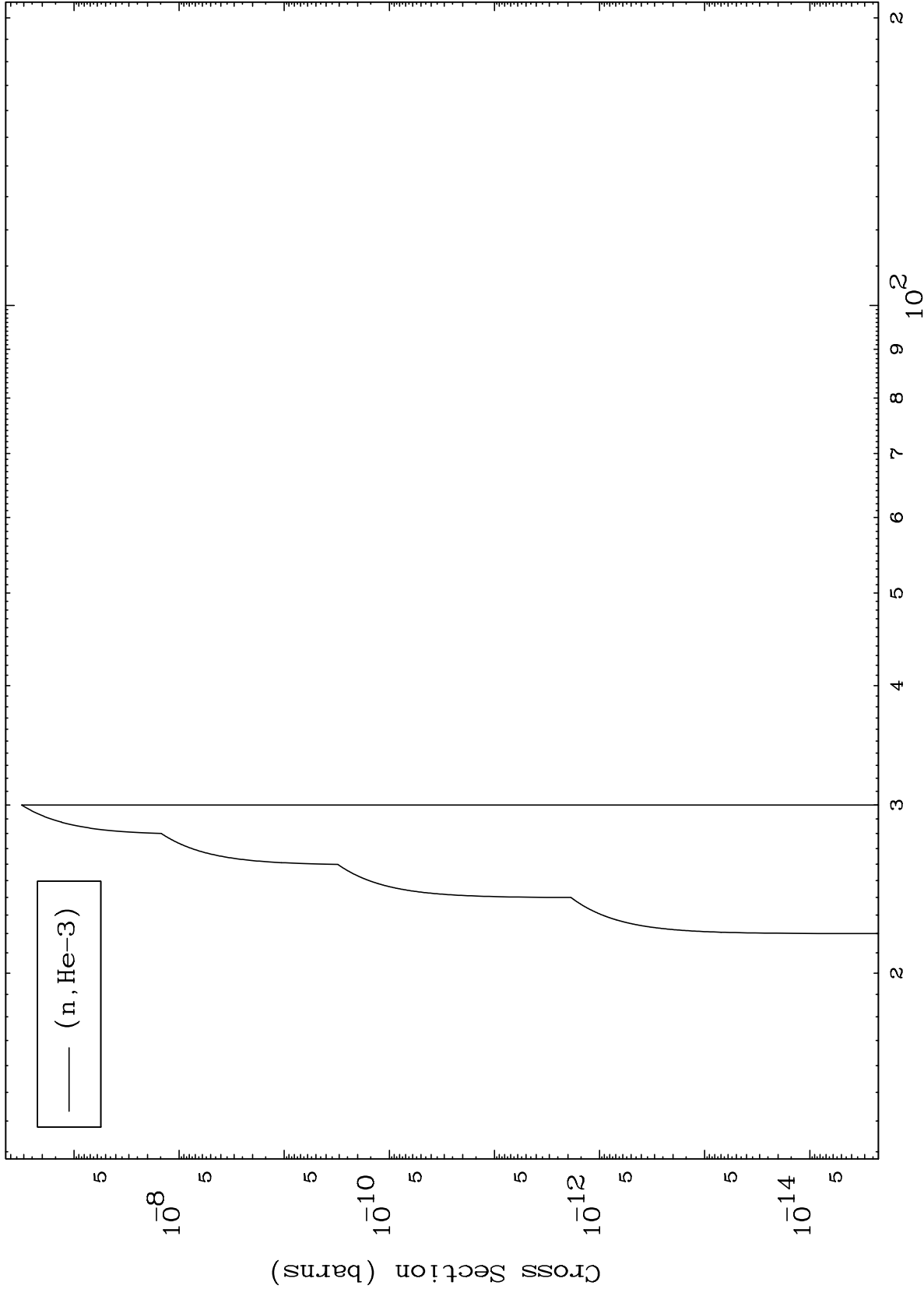


8

Incident Energy (MeV)

⁷⁹Au-189m

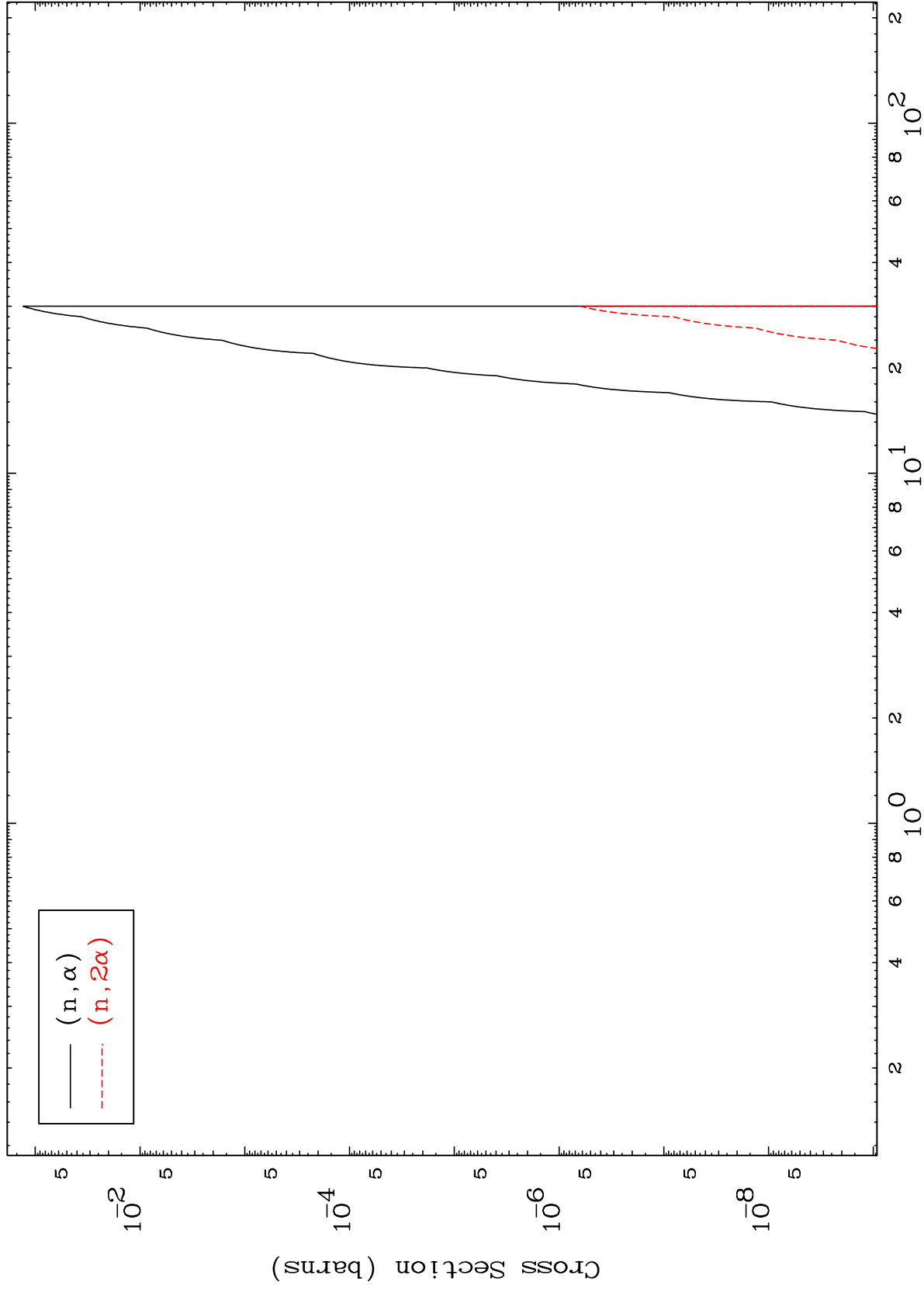
0 Kelvin Cross Sections



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(α, α) Levels
0 Kelvin Cross Sections

79-Au-189m

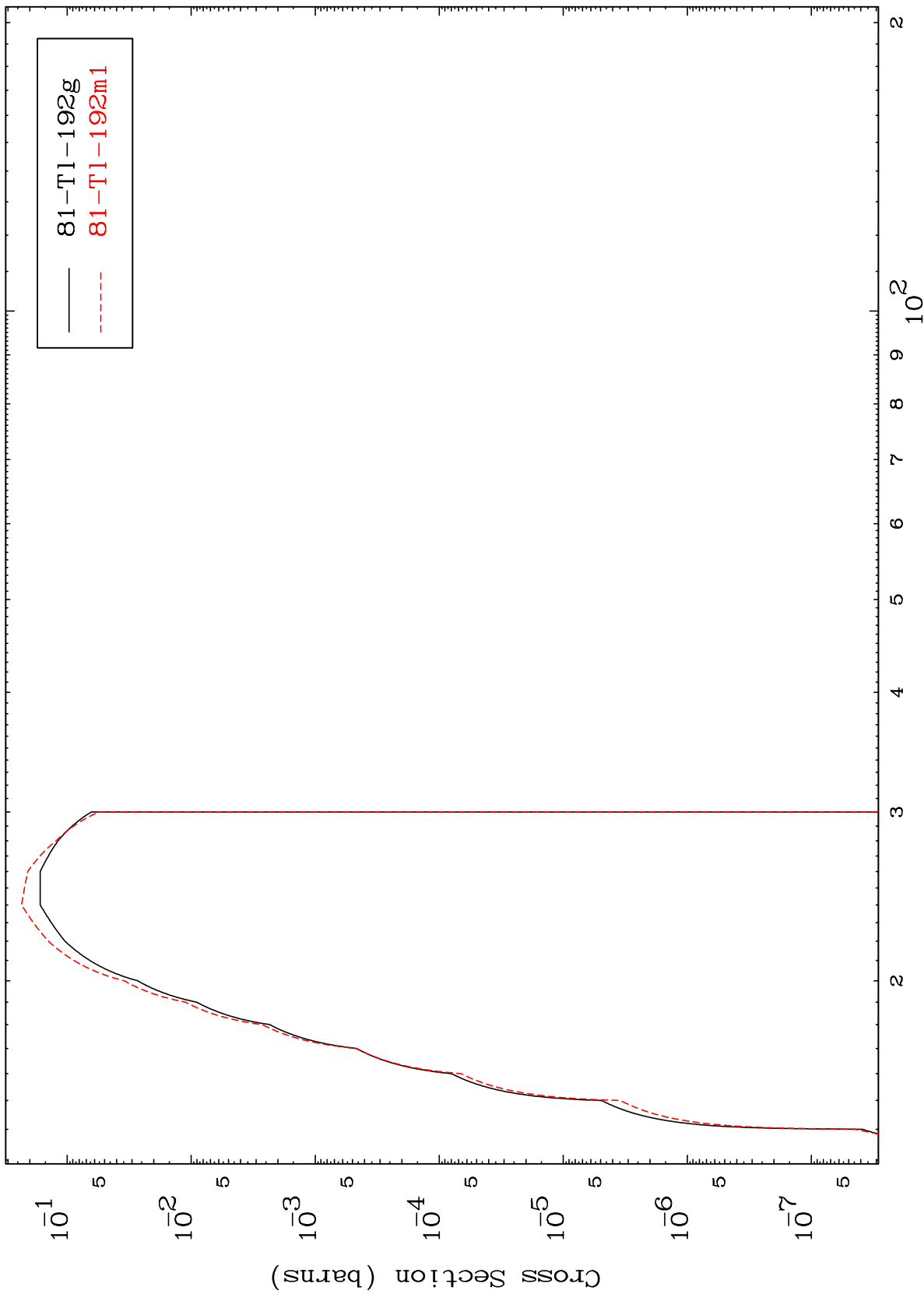


10

Incident Energy (MeV)

79-Au-189m

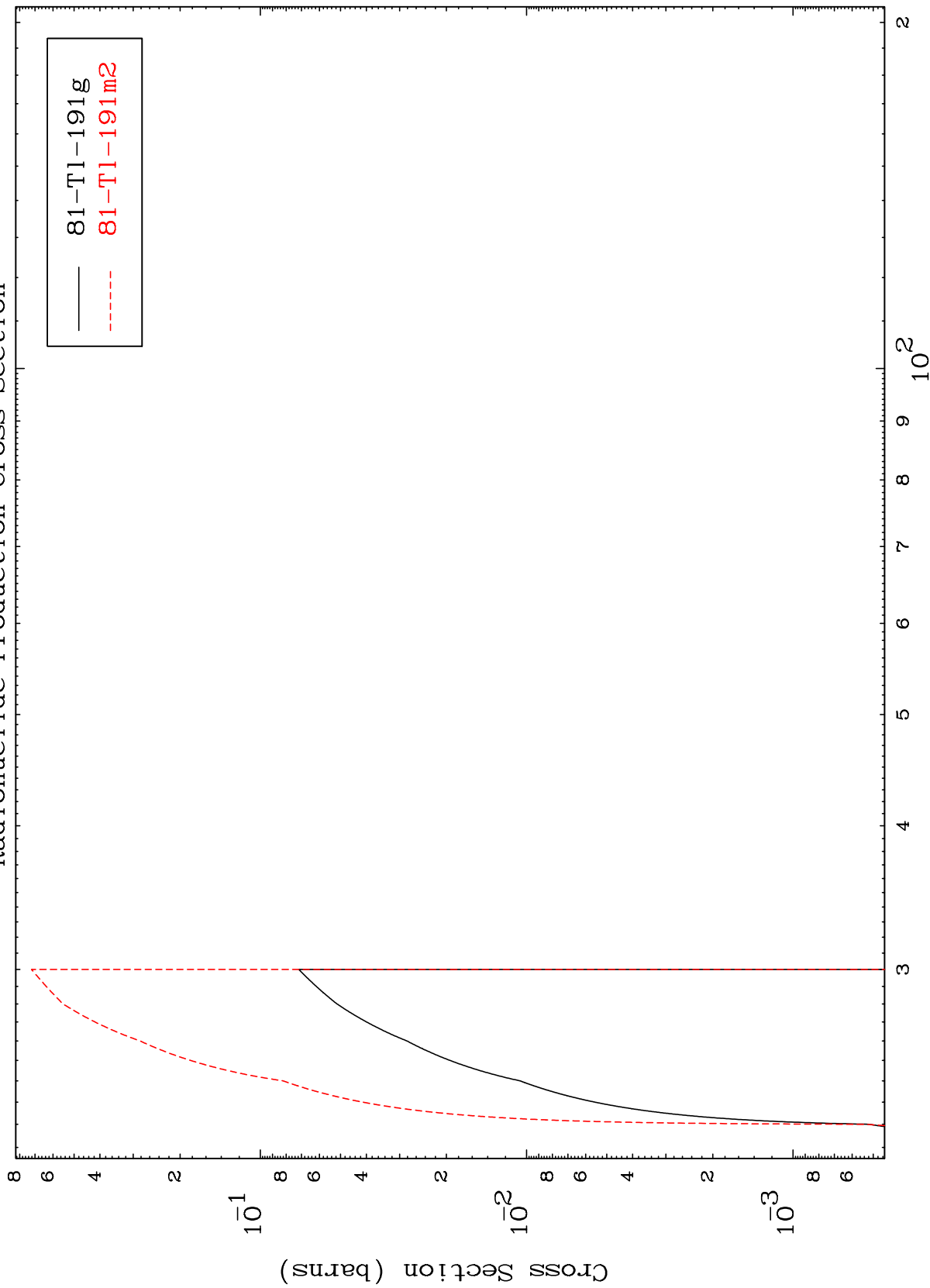
Inelastic
Radionuclide Production Cross Section



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⁷⁹Au-189m

(n,2n)
Radionuclide Production Cross Section



— 81-Tl-191g
- - - 81-Tl-191m2

⁷⁹Au-189m

Incident Energy (MeV)

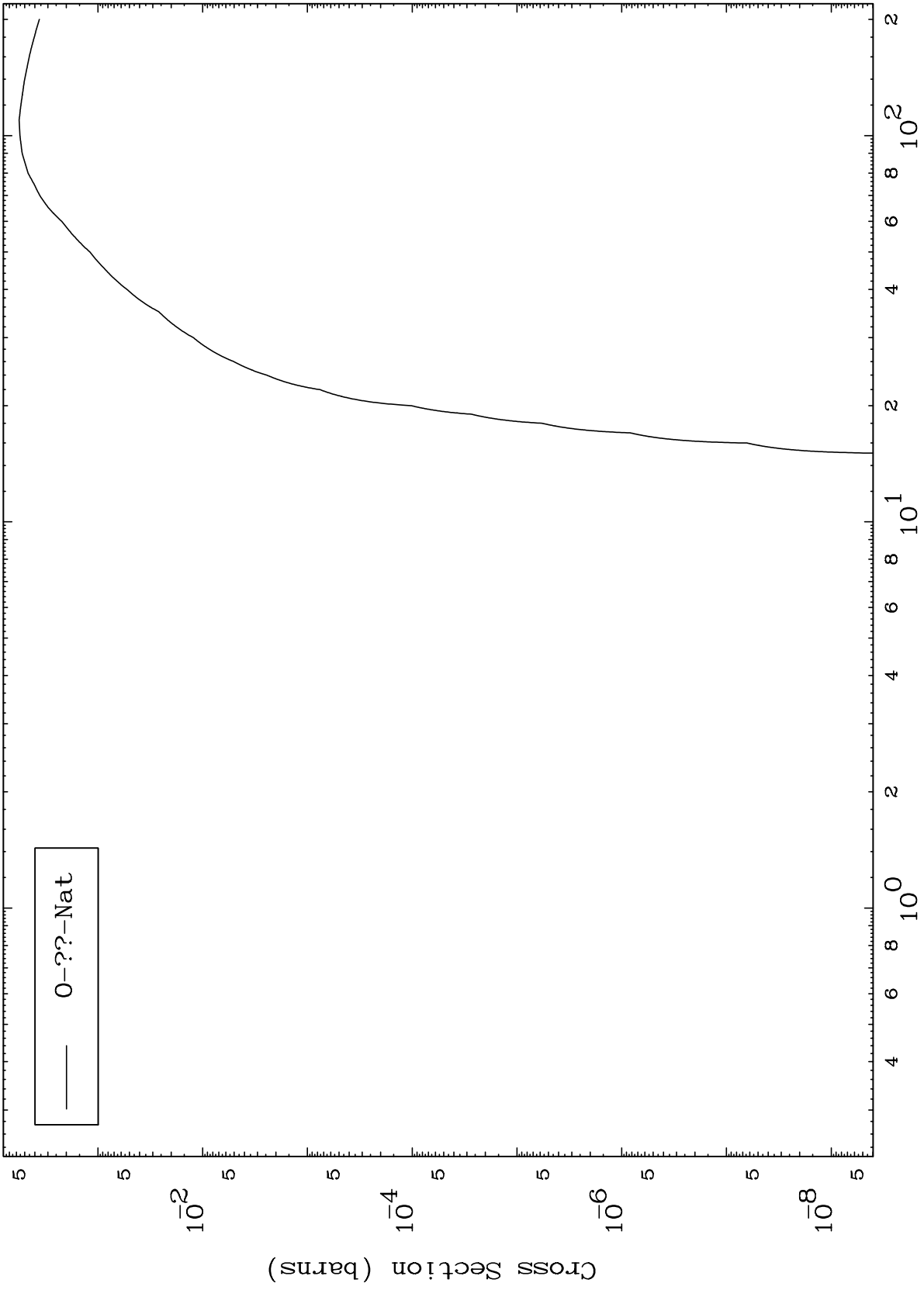
12

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Fission

⁷⁹Au-189m

Radionuclide Production Cross Section

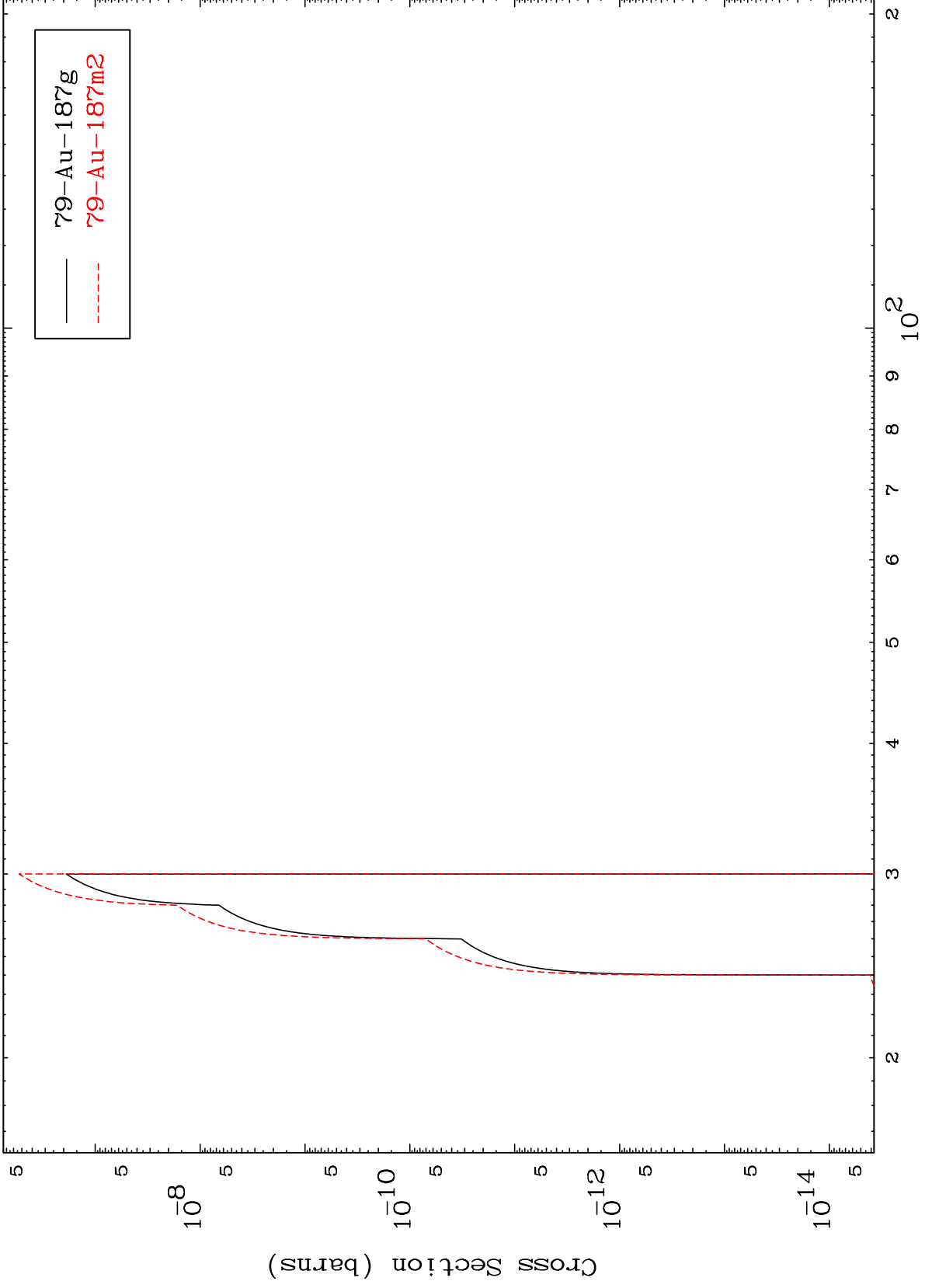


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$(n,2n) \alpha$

$^{79}\text{Au-189m}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

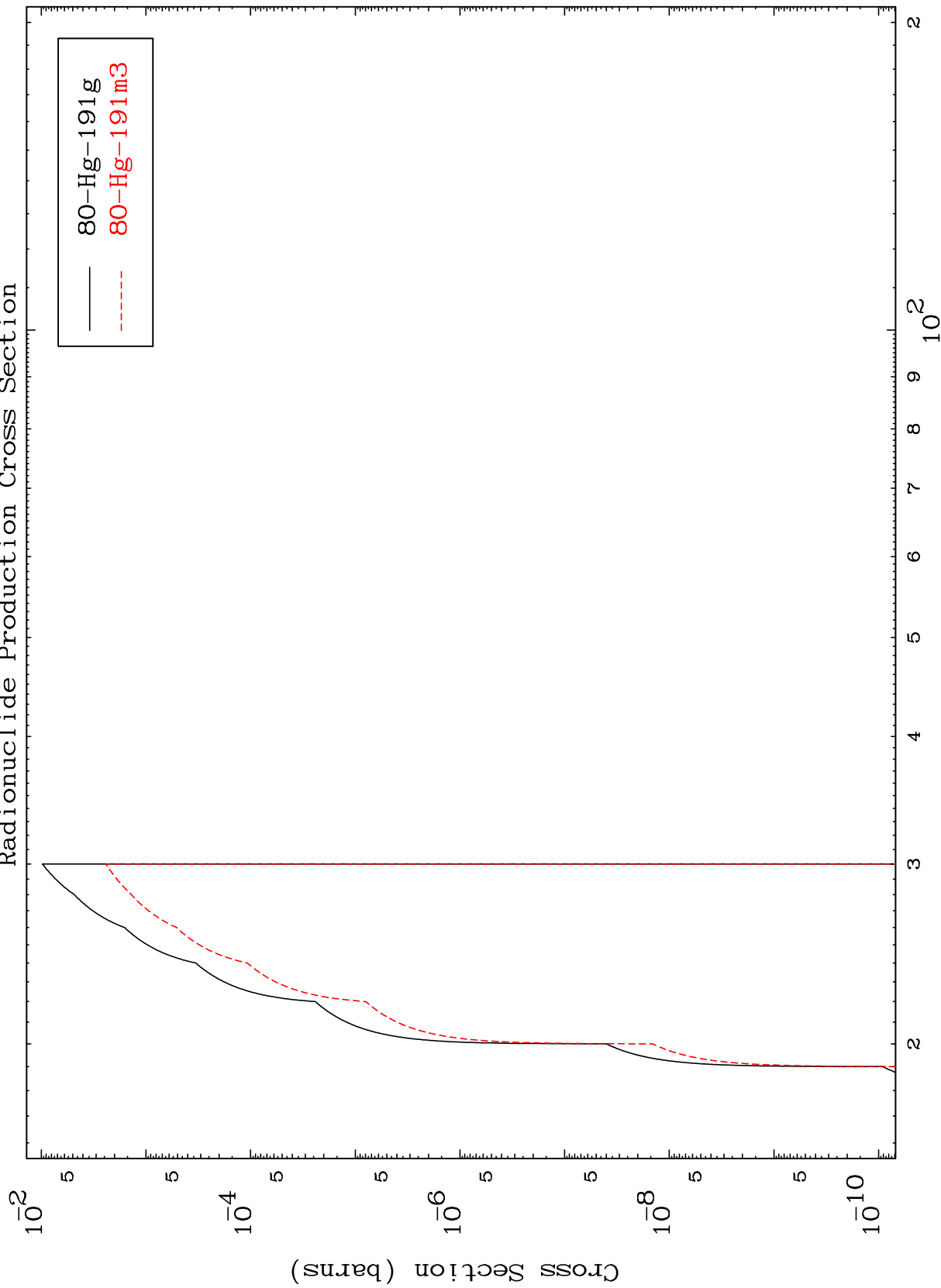
$^{79}\text{Au-189m}$

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(n,n') p

⁷⁹Au-189m

Radionuclide Production Cross Section



15

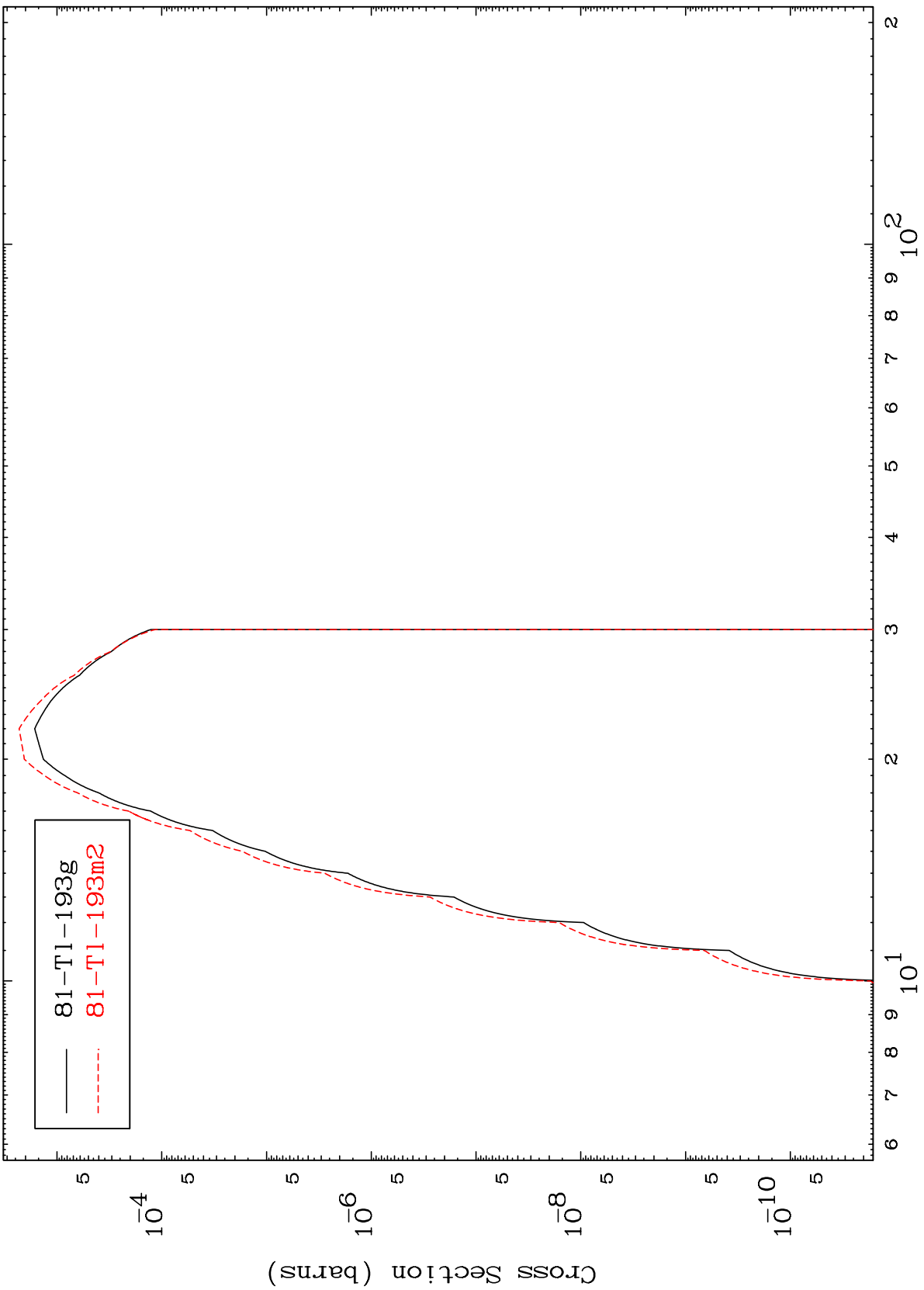
Incident Energy (MeV)

⁷⁹Au-189m

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⁷⁹Au-189m

Radionuclide Production Cross Section (n,γ)



16

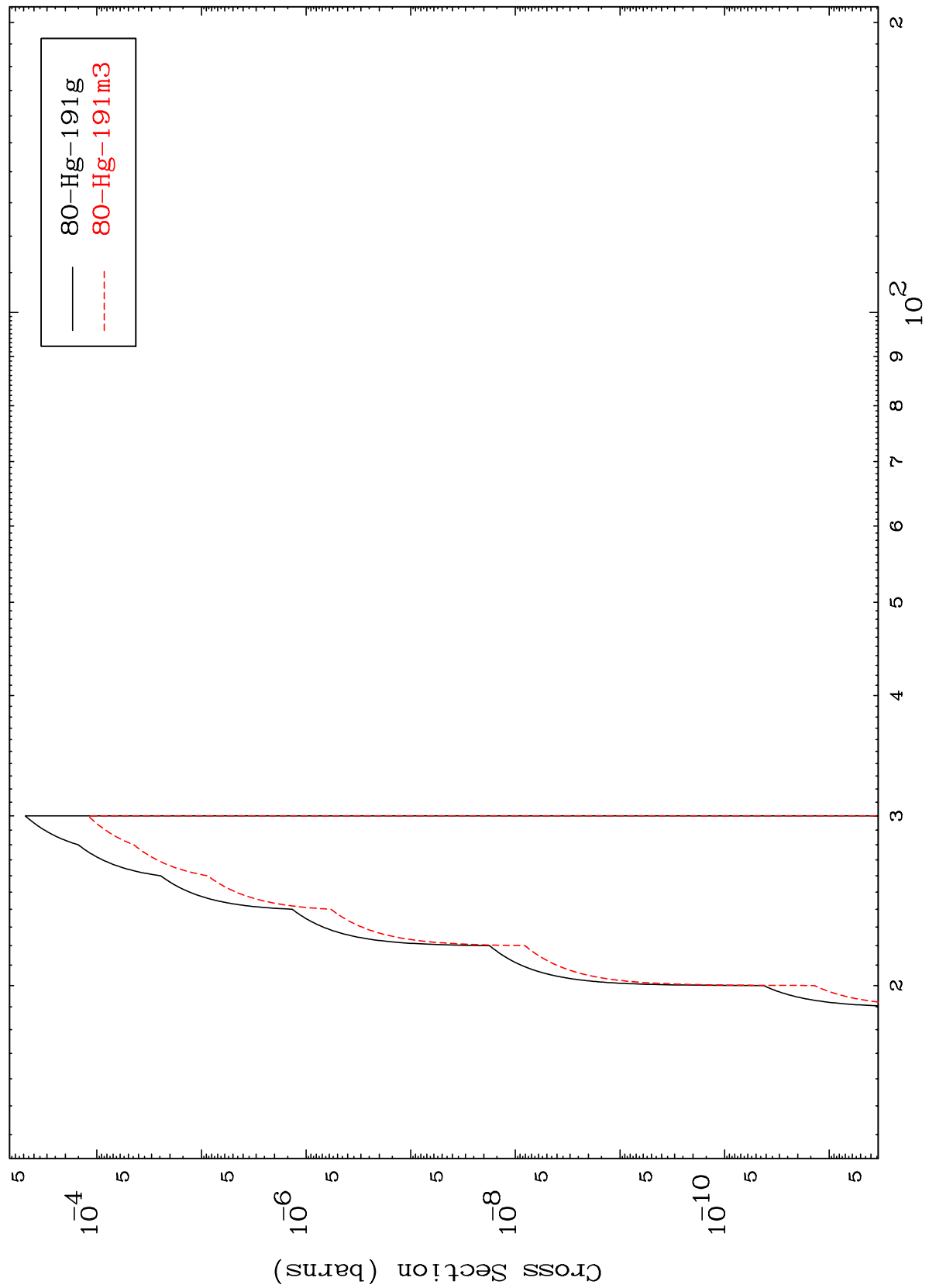
Incident Energy (MeV)

⁷⁹Au-189m

MAT 7902

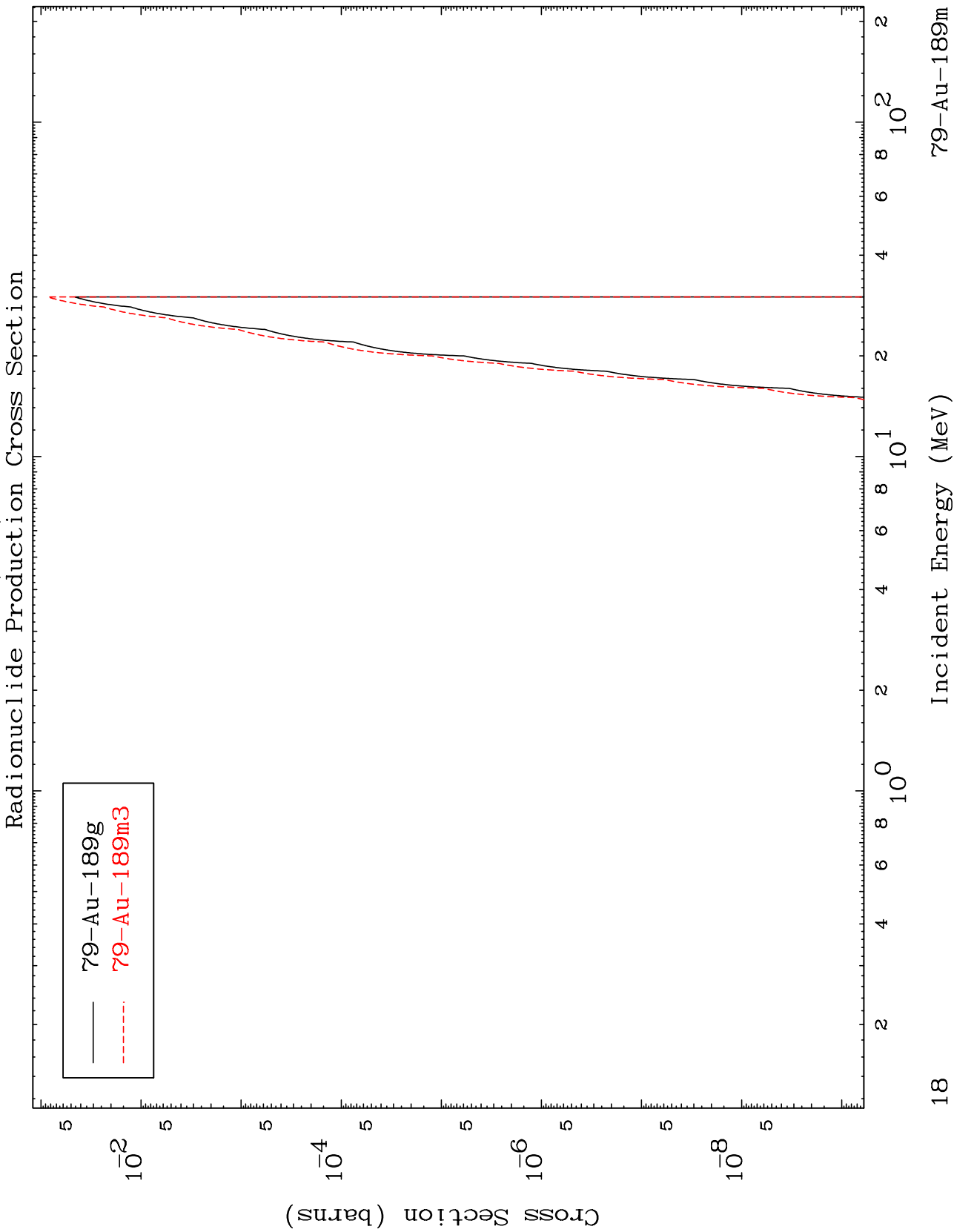
79-Au-189m

(n,d)
Radionuclide Production Cross Section



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⁷⁹Au-189m

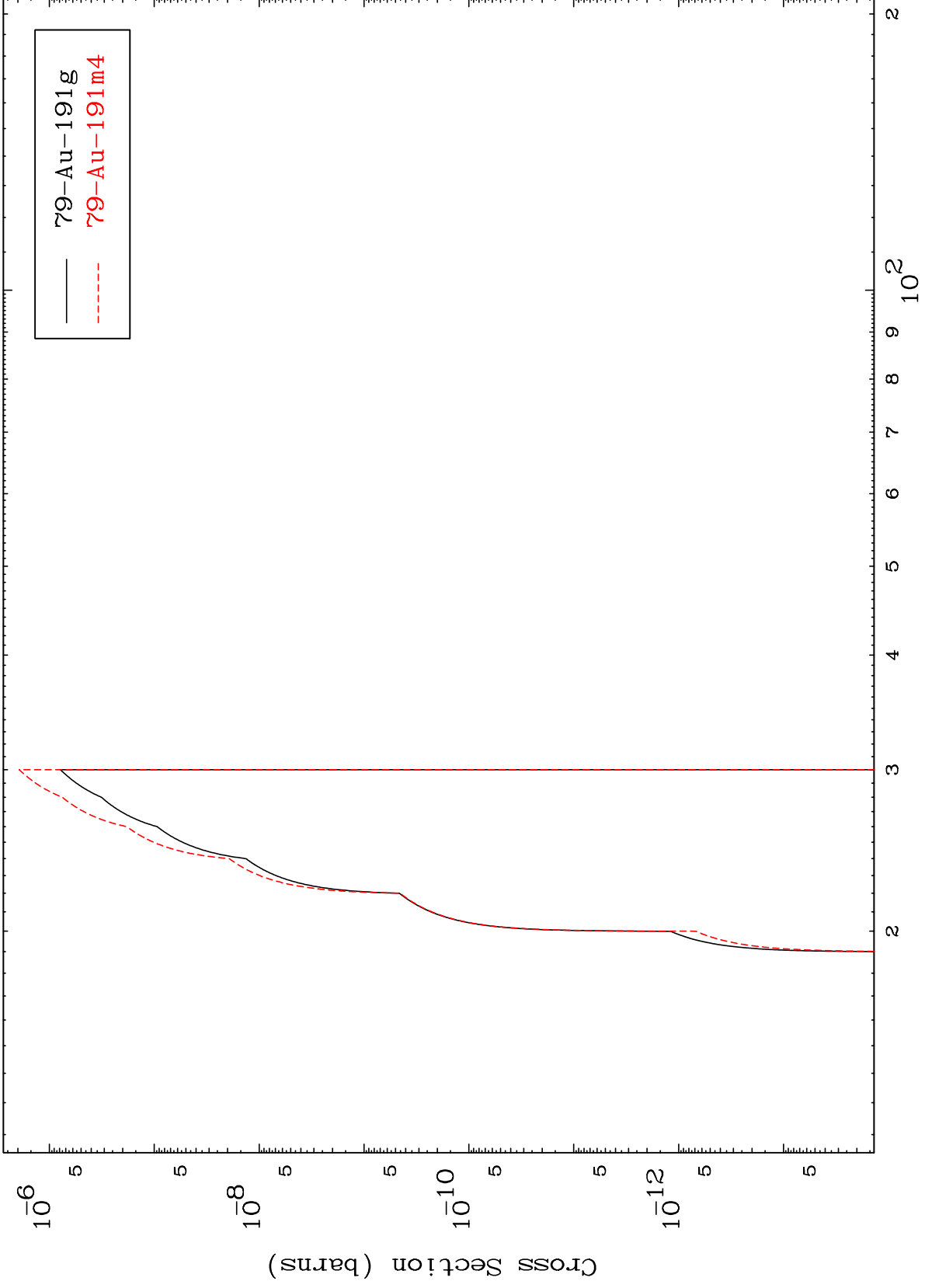


⁷⁹Au-189m

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⁷⁹Au-189m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁹Au-189m