

Program EVALPLOT
(Version 2021-1)

by

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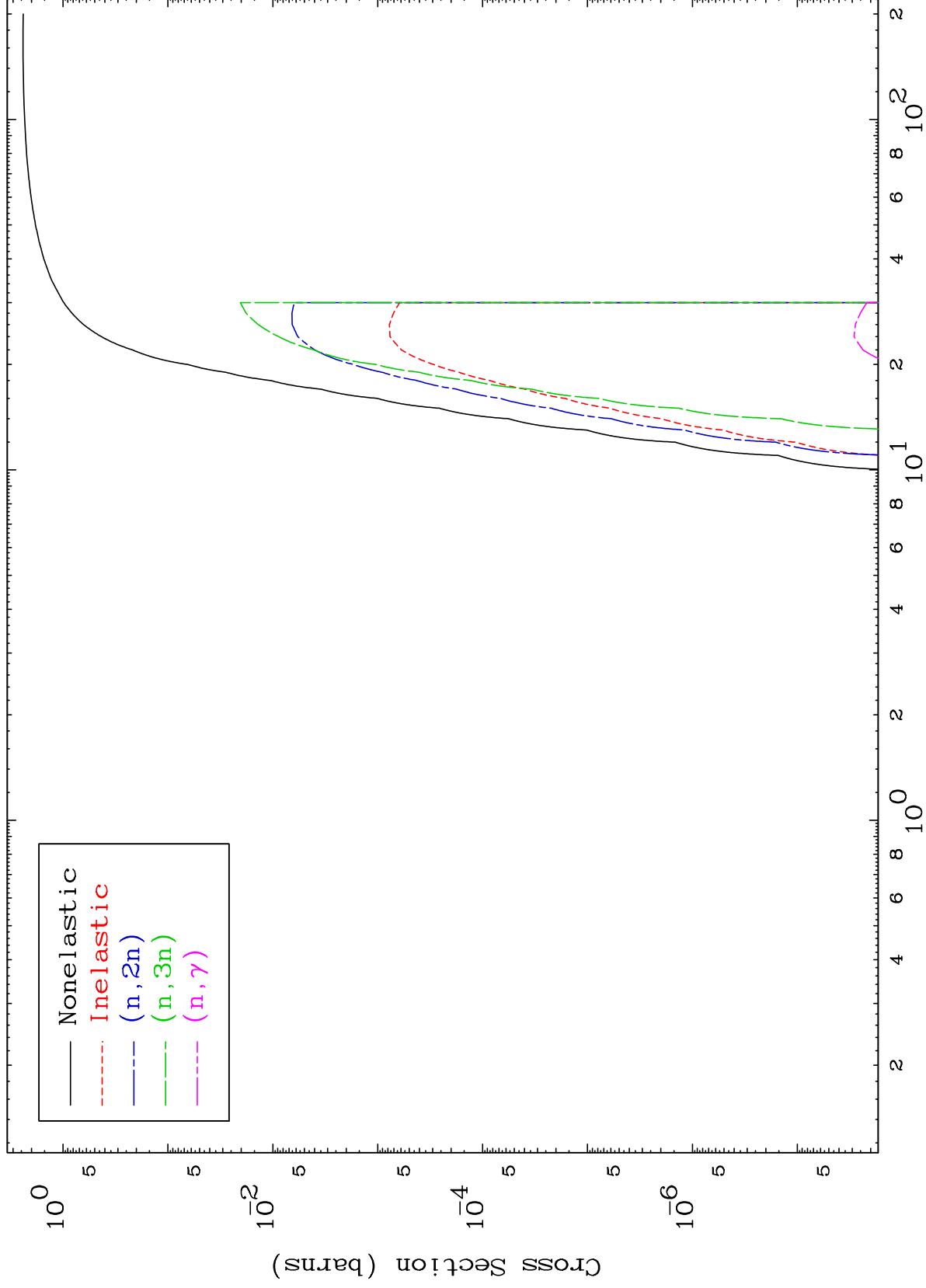
Press Mouse Button to Start

MAT 7926

He-3 Major

79-Au-197m

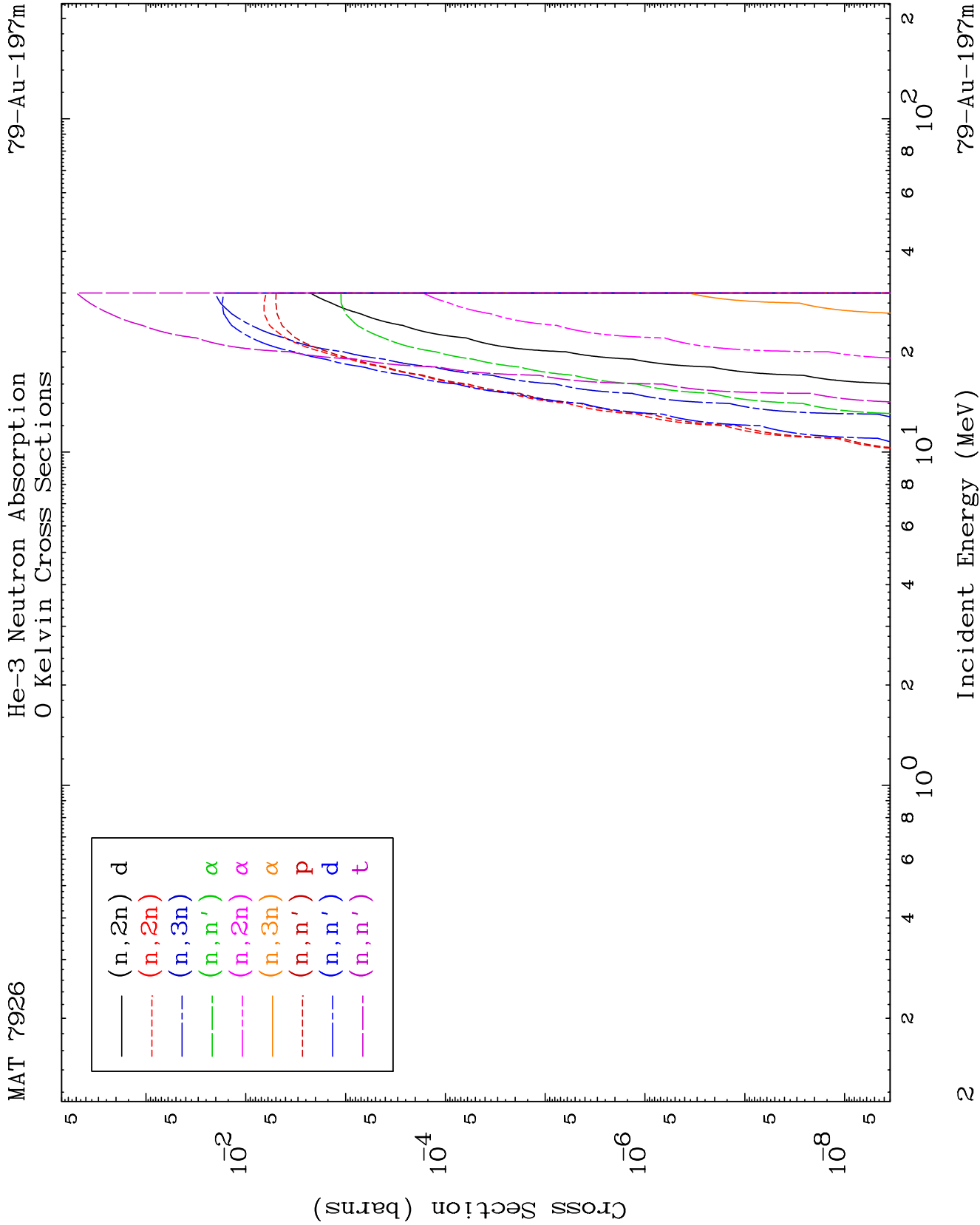
0 Kelvin Cross Sections

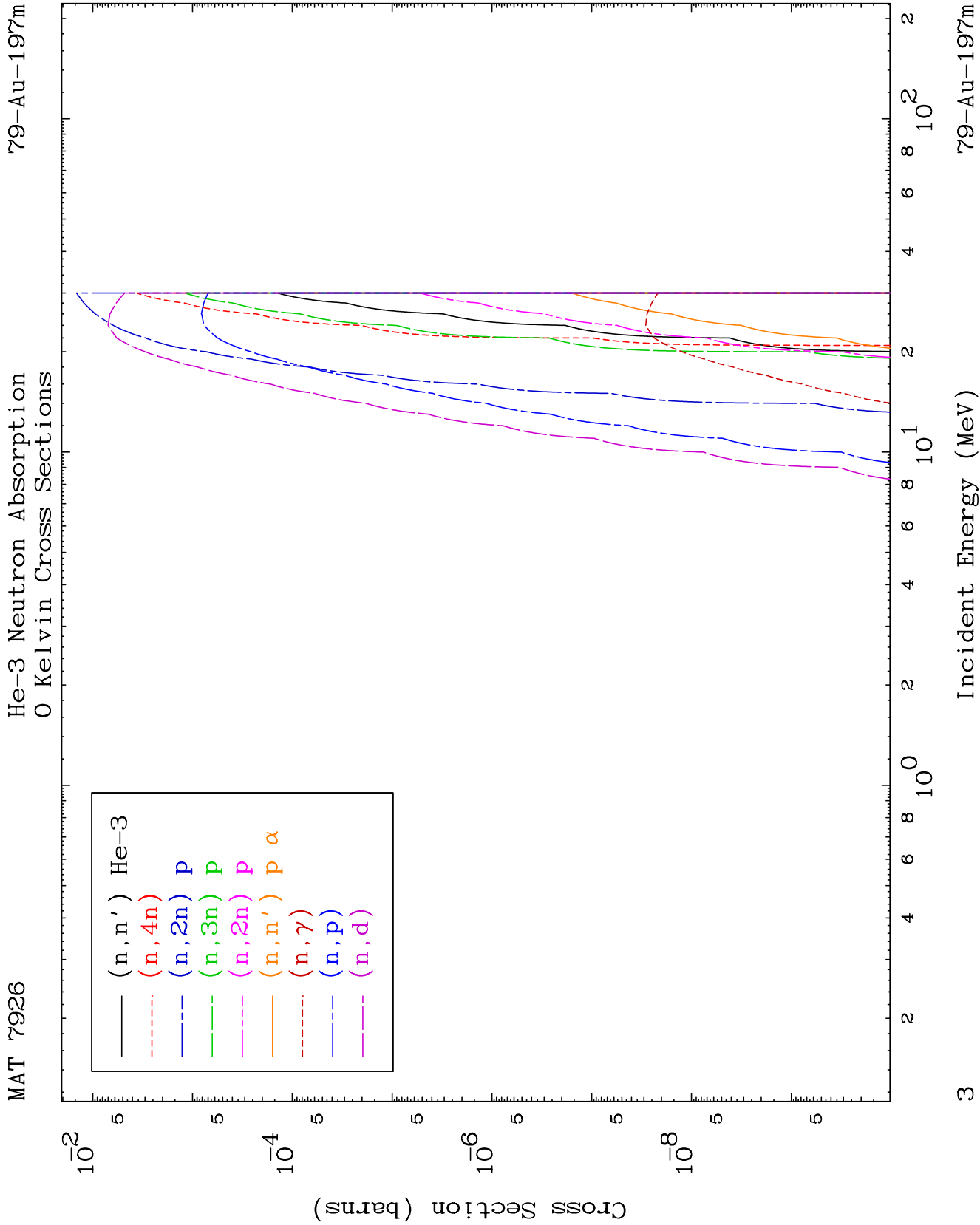


1

Incident Energy (MeV)

79-Au-197m

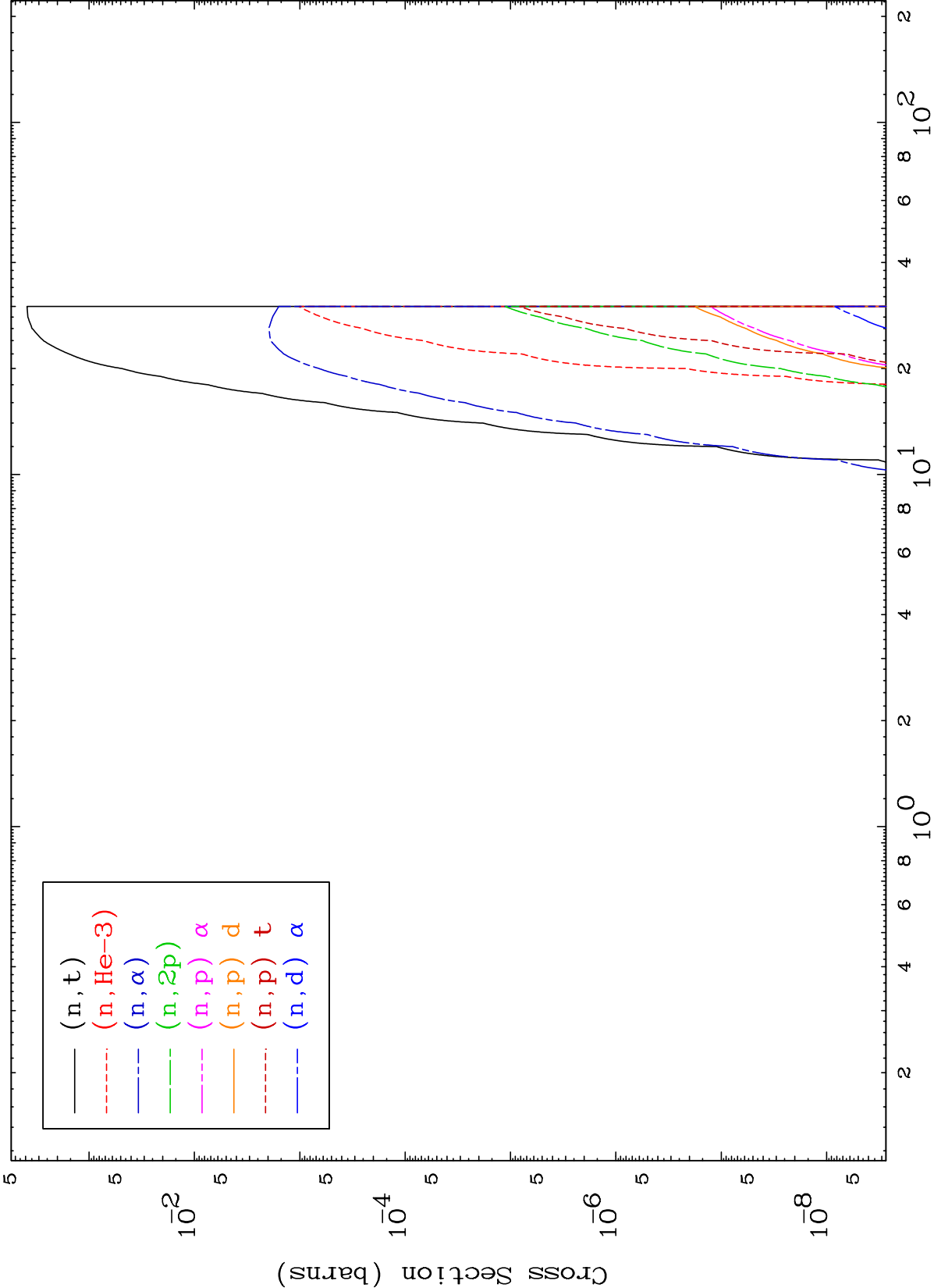


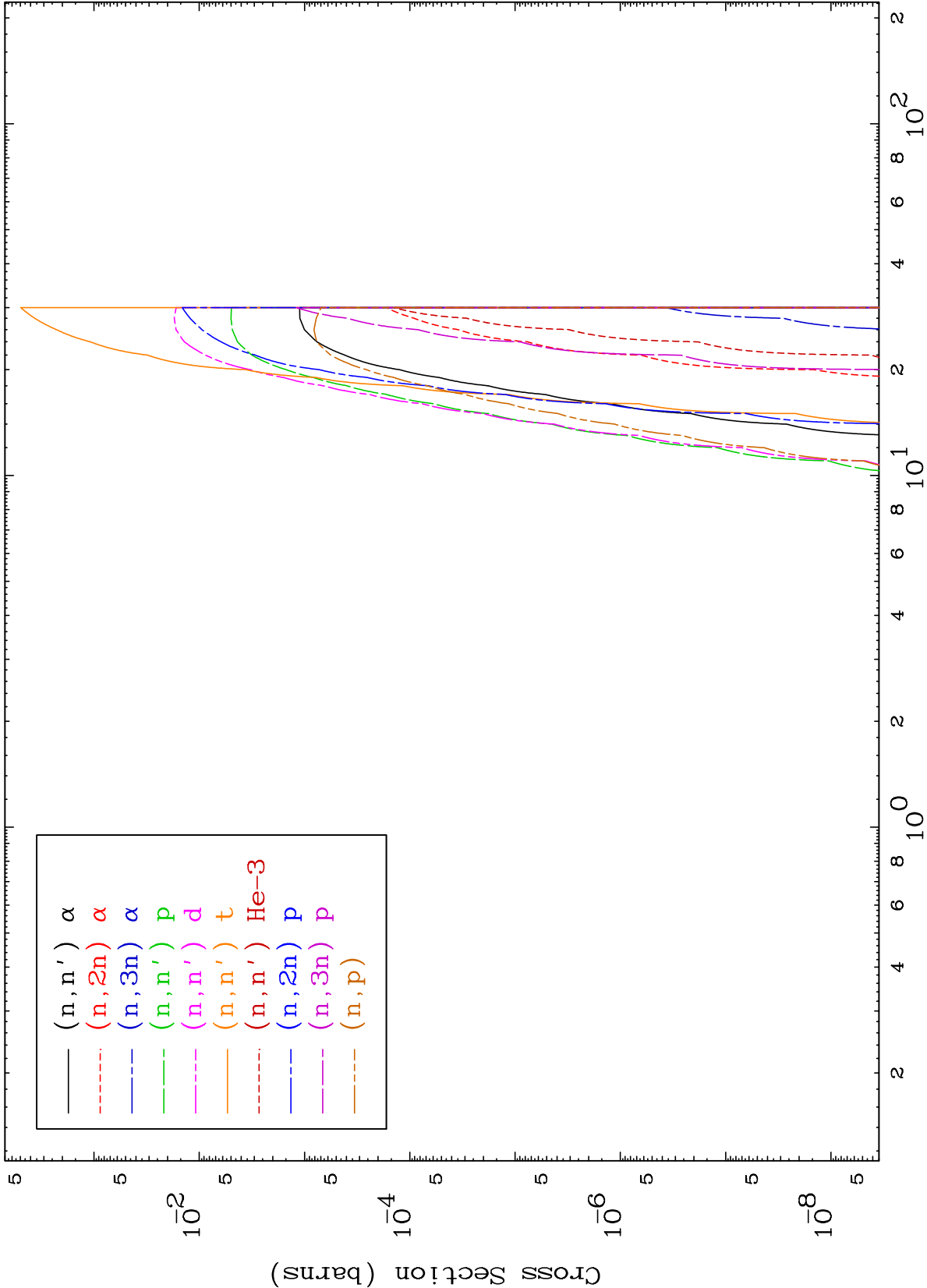


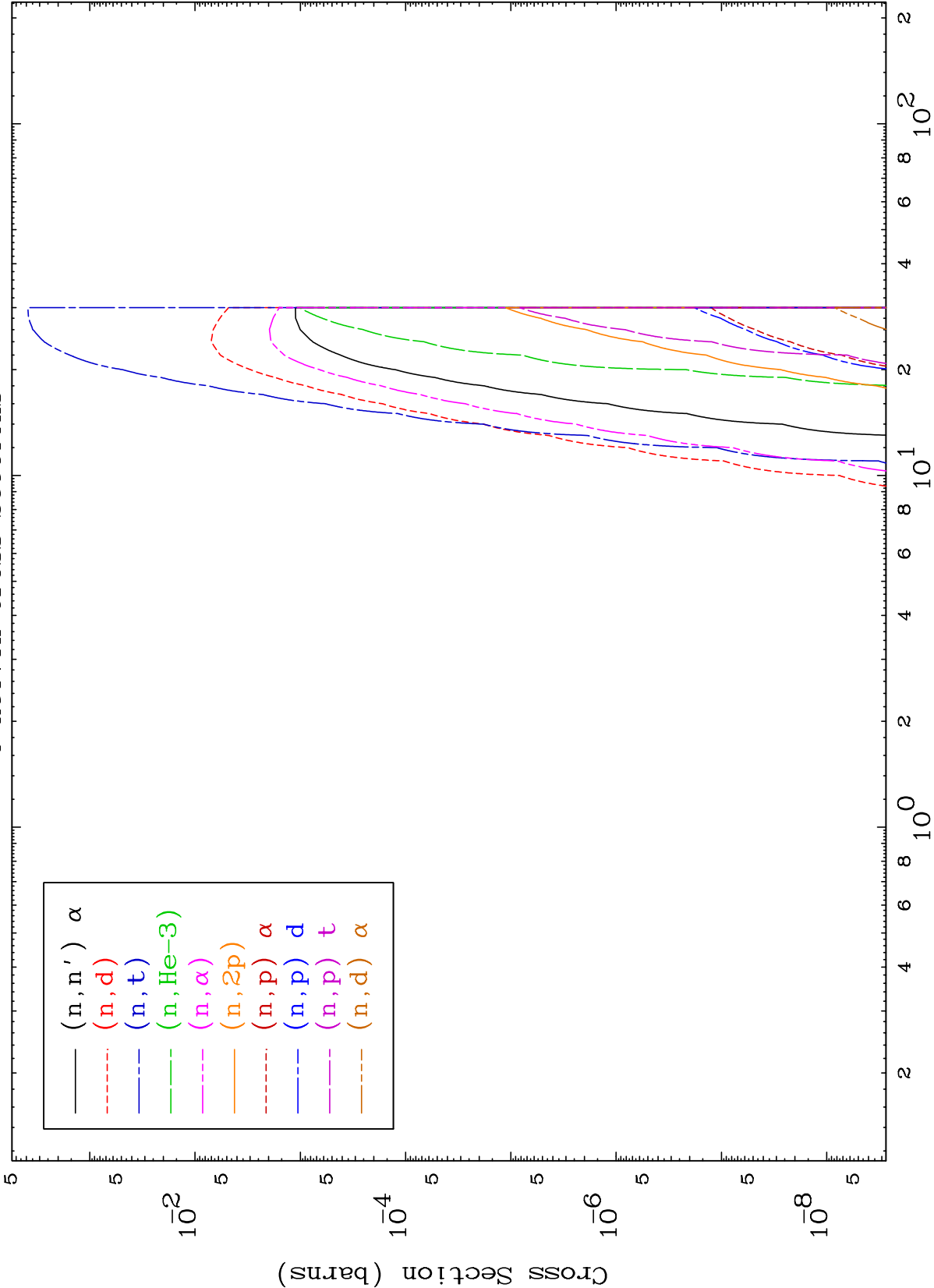
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He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-197m



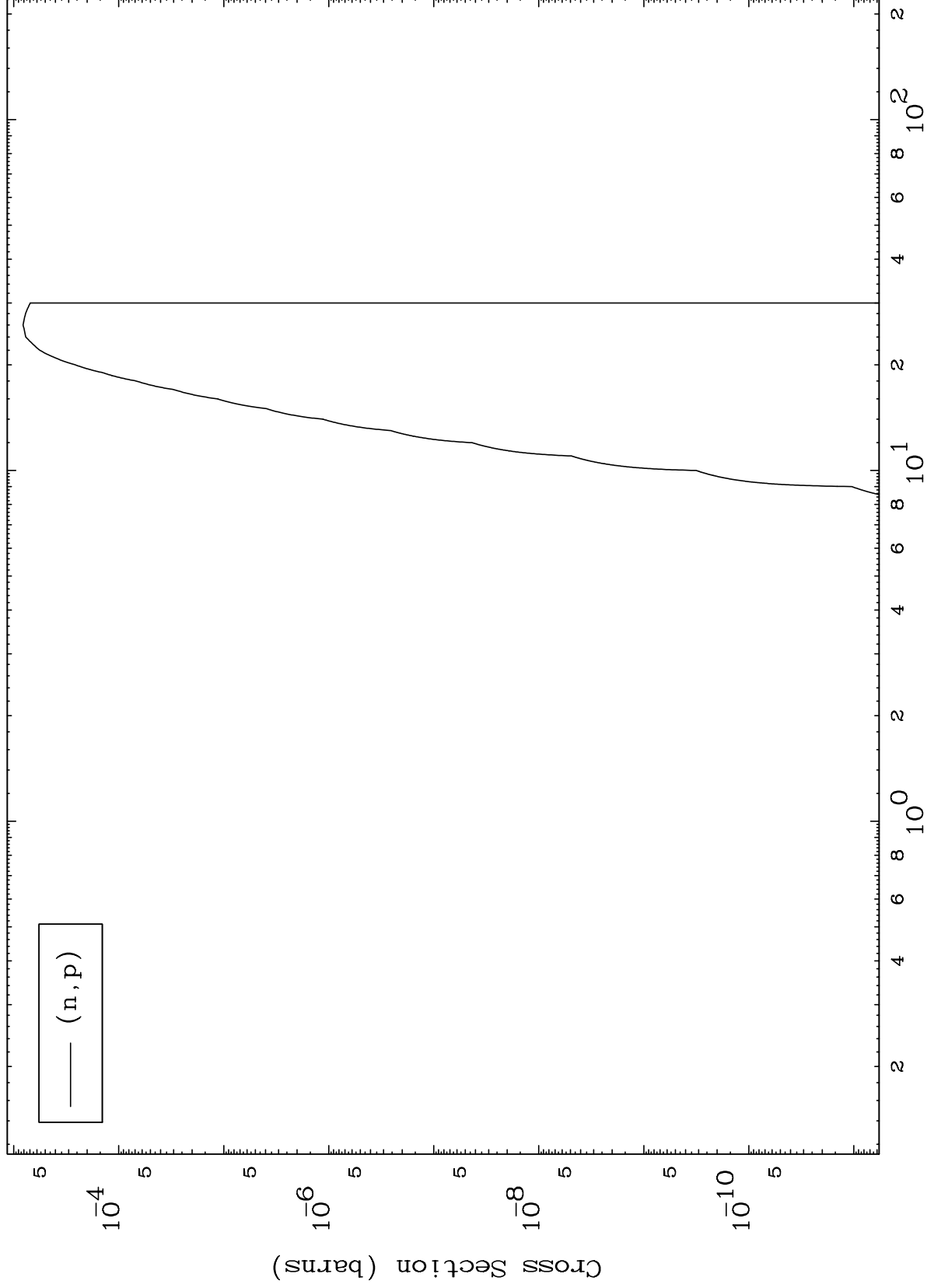




MAT 7926

79-Au-197m

(He-3,p) Levels
0 Kelvin Cross Sections



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79-Au-197m

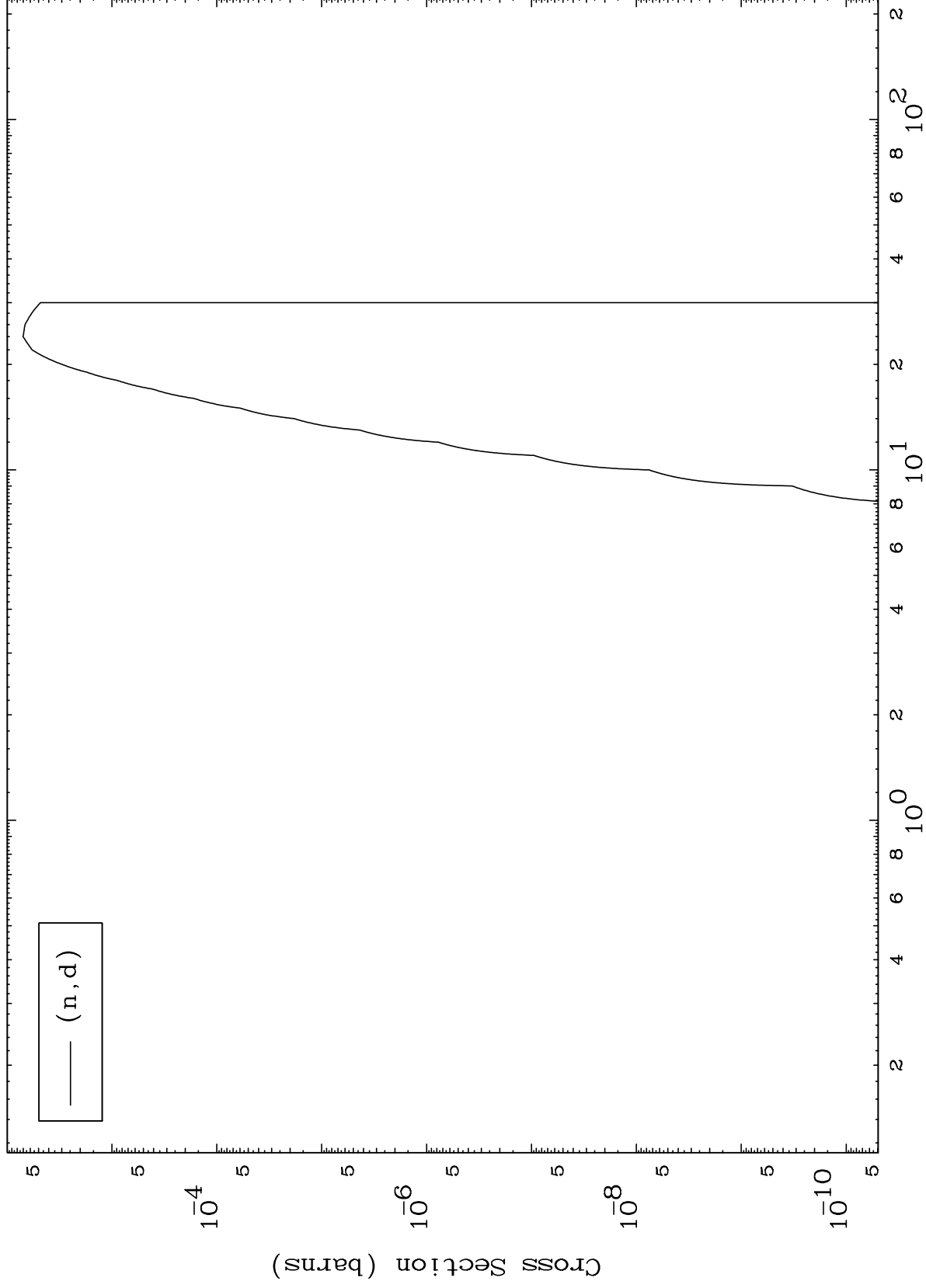
Incident Energy (MeV)

MAT 7926

(He-3,d) Levels

79-Au-197m

0 Kelvin Cross Sections



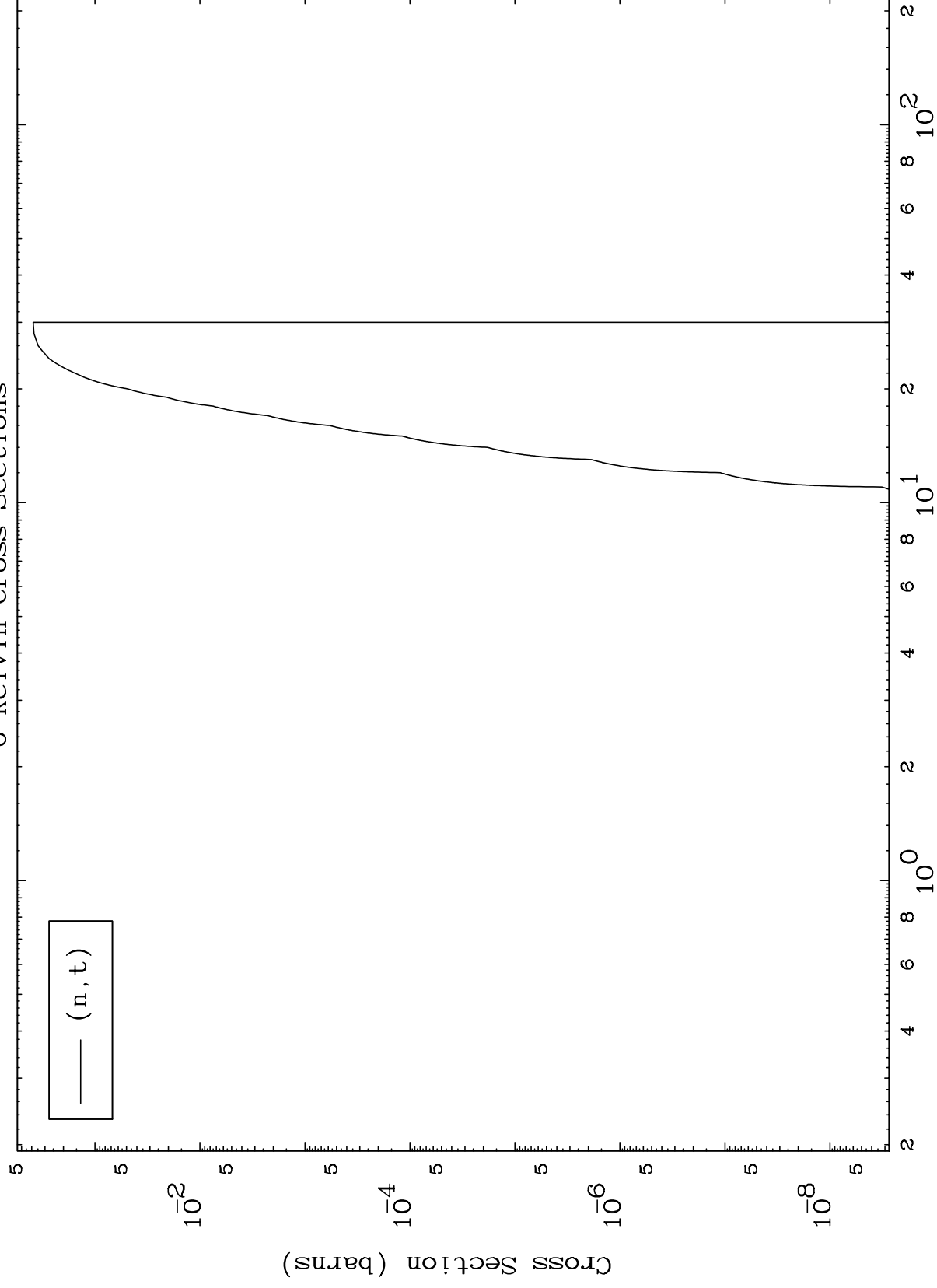
— (n,d)

MAT 7926

(He-3,t) Levels

⁷⁹Au-197m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

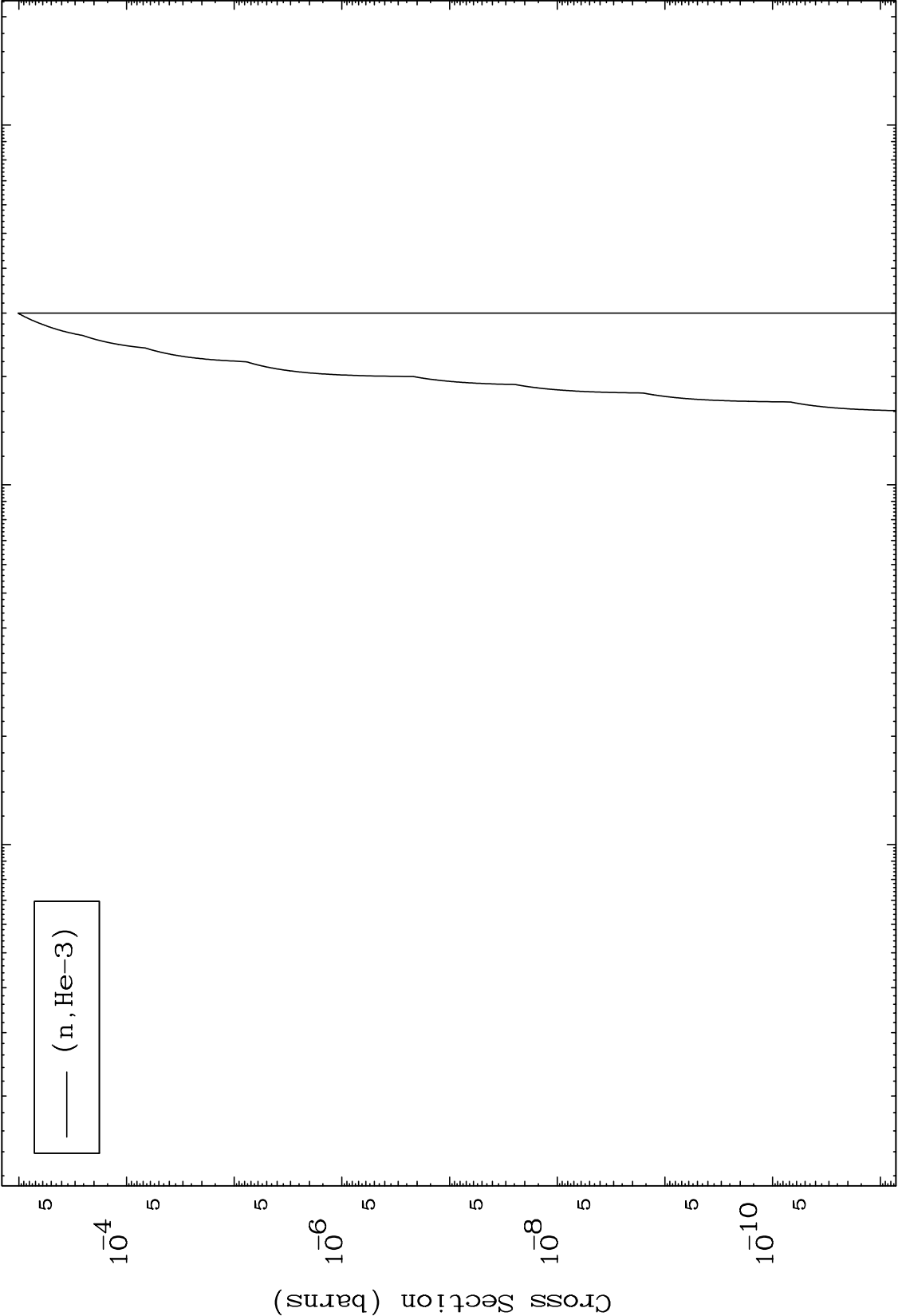
⁷⁹Au-197m

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(He-3, He3) Levels

79-Au-197m

0 Kelvin Cross Sections



10

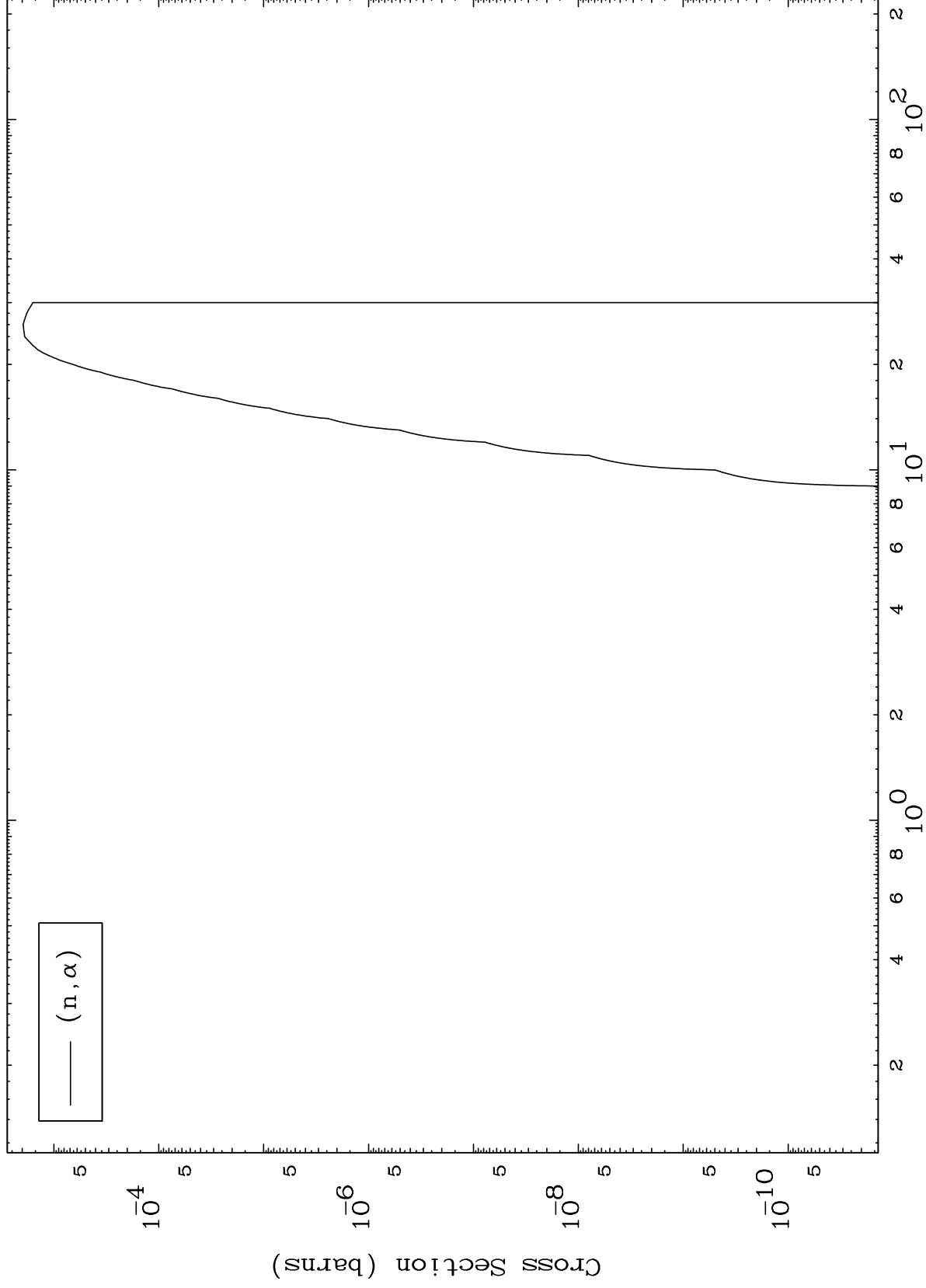
Incident Energy (MeV)

79-Au-197m

MAT 7926

79-Au-197m

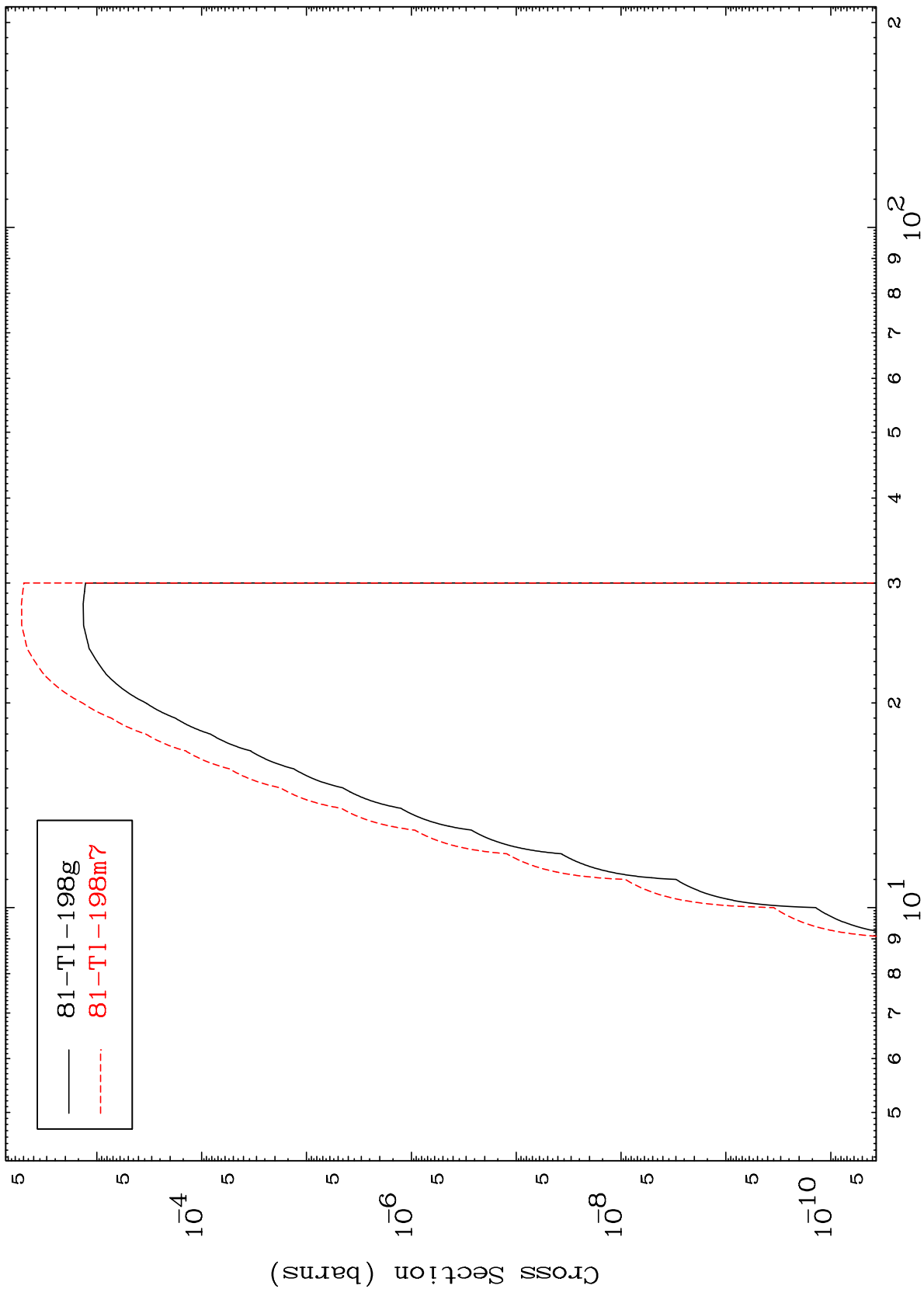
(He-3, α) Levels
0 Kelvin Cross Sections



MAT 7926

⁷⁹Au-197m

Radionuclide Production Cross Section



⁷⁹Au-197m

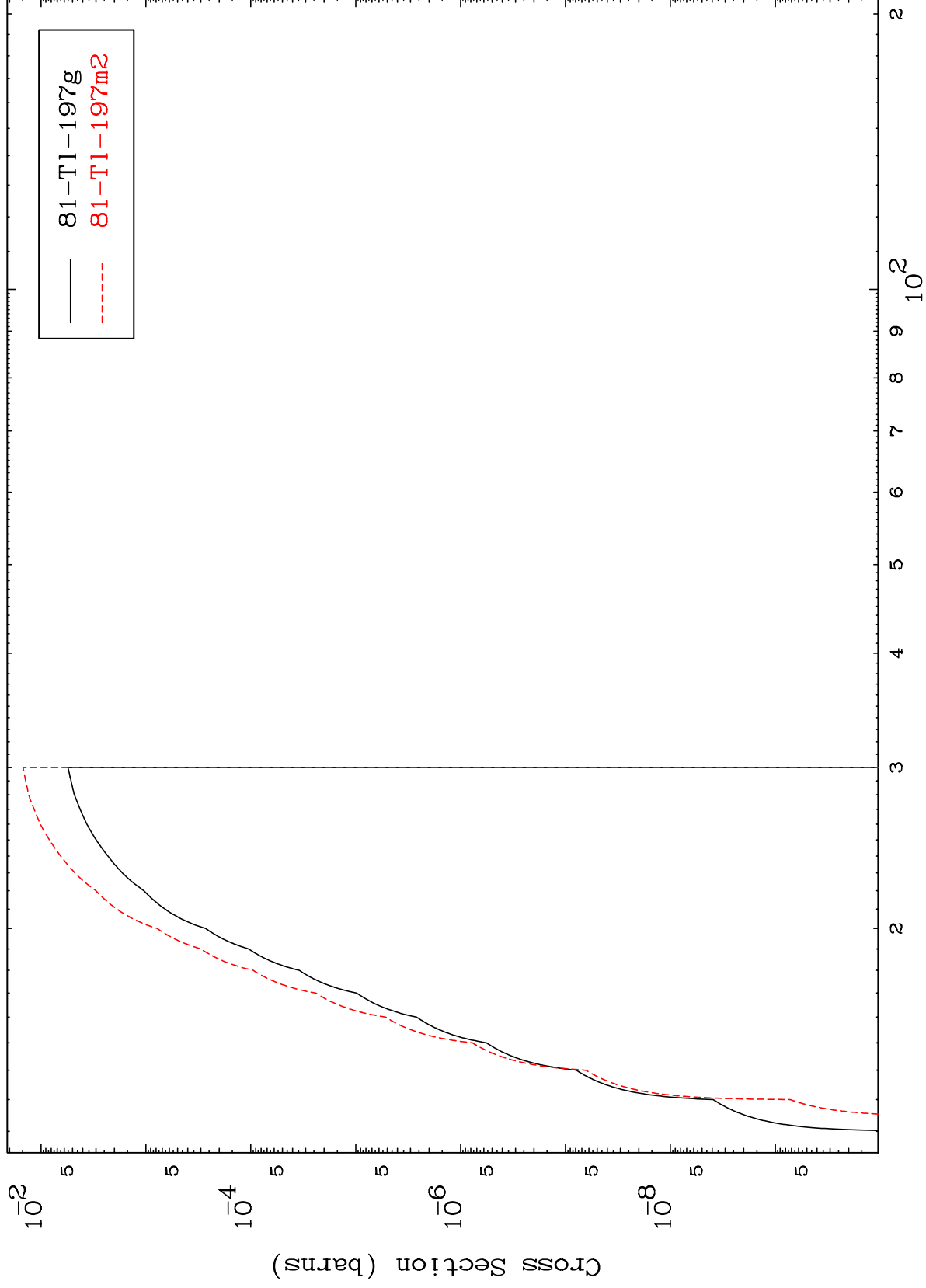
Incident Energy (MeV)

12

MAT 7926

⁷⁹Au-197m

(n,3n)
Radionuclide Production Cross Section



⁷⁹Au-197m

Incident Energy (MeV)

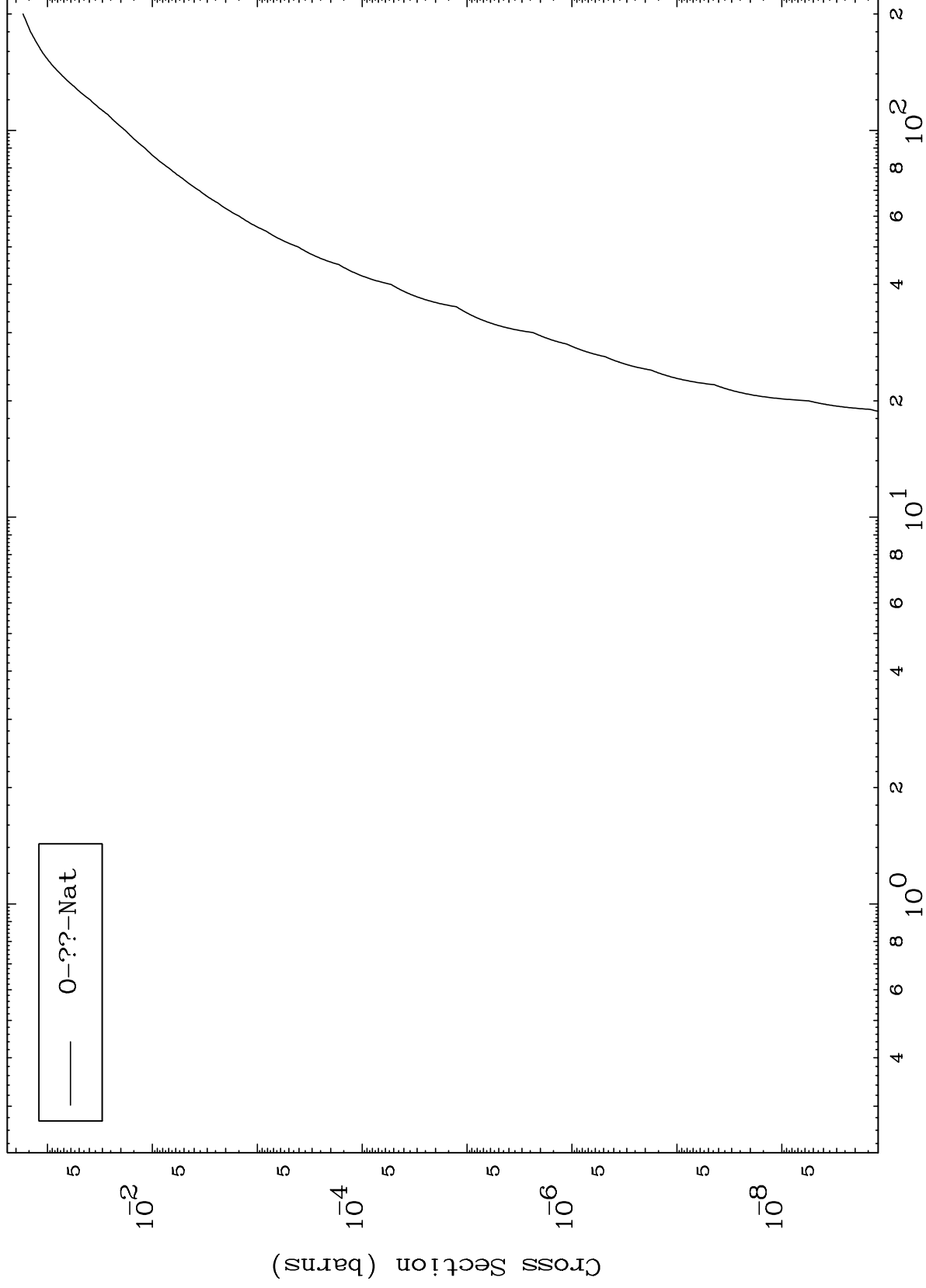
13

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Fission

⁷⁹Au-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

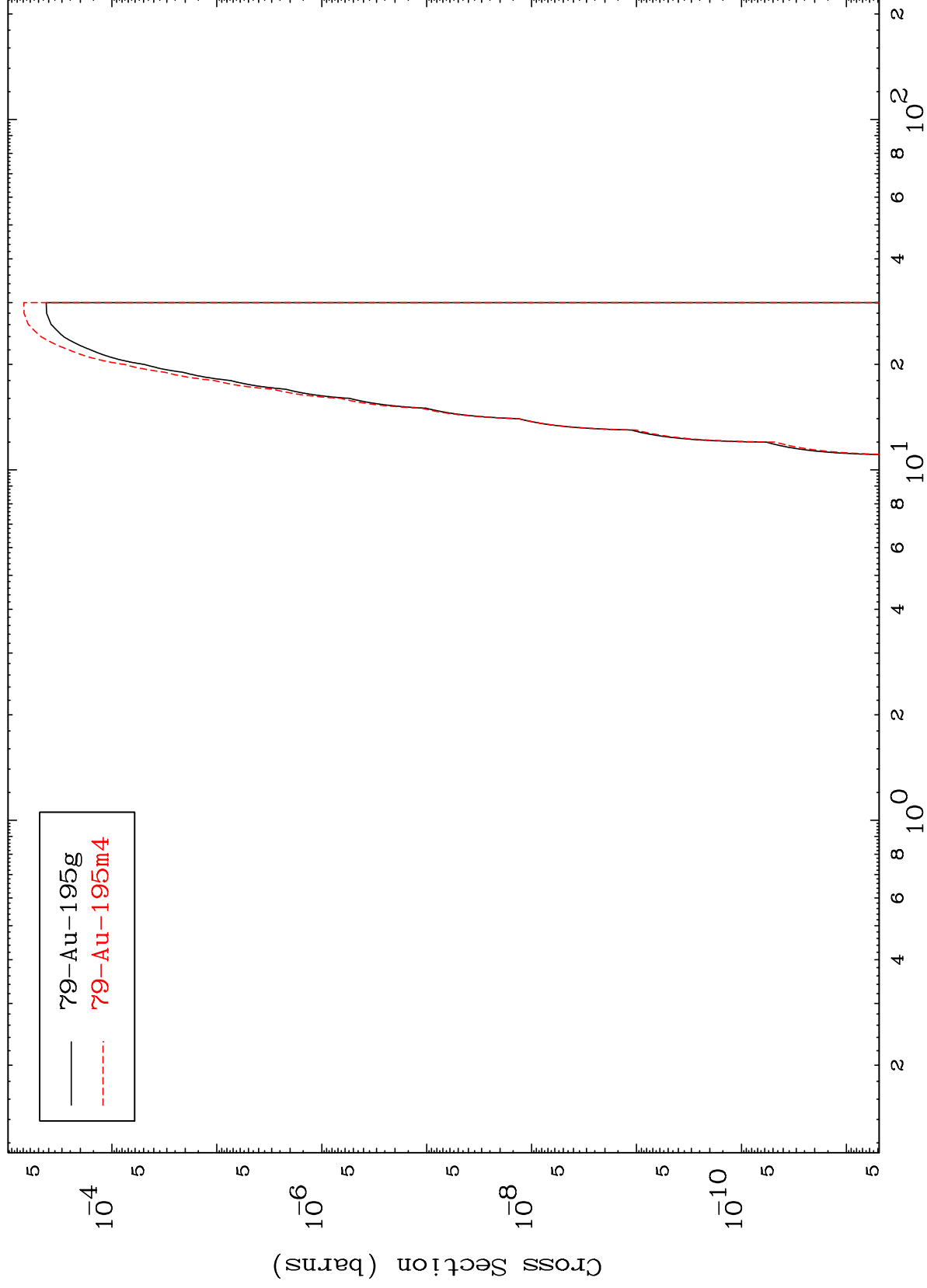
⁷⁹Au-197m

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$(n,n') \alpha$

$^{79}\text{Au-197m}$

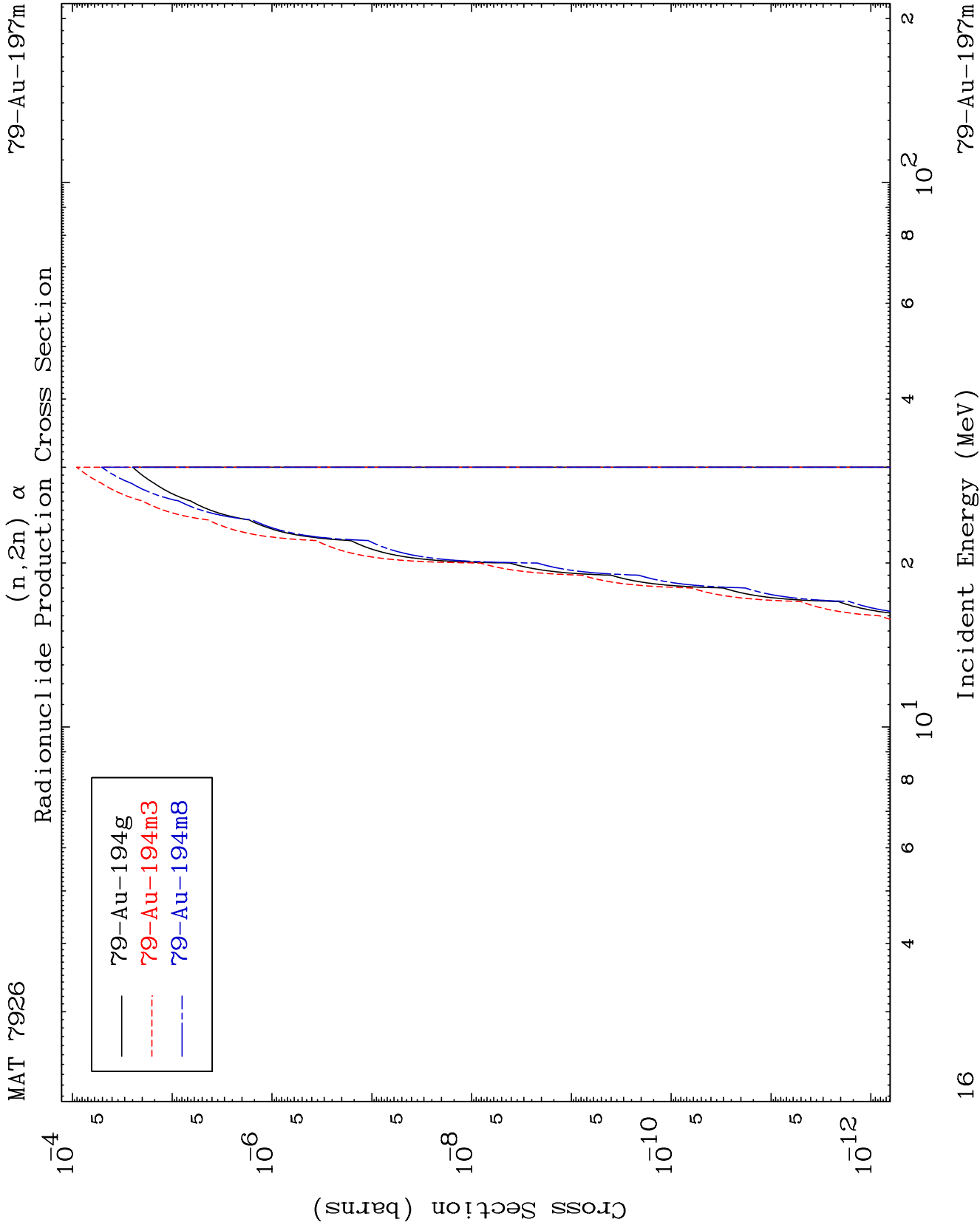
Radionuclide Production Cross Section

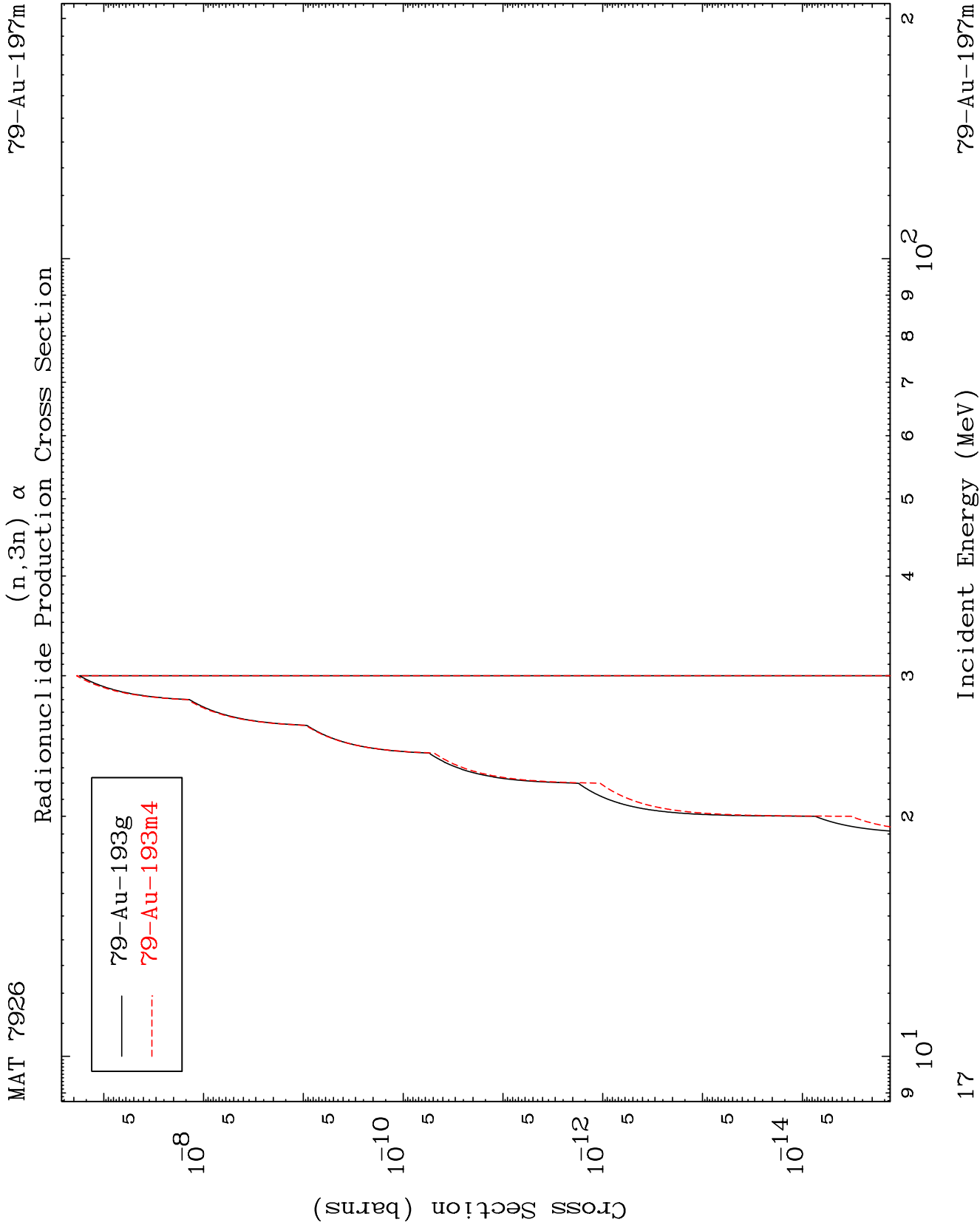


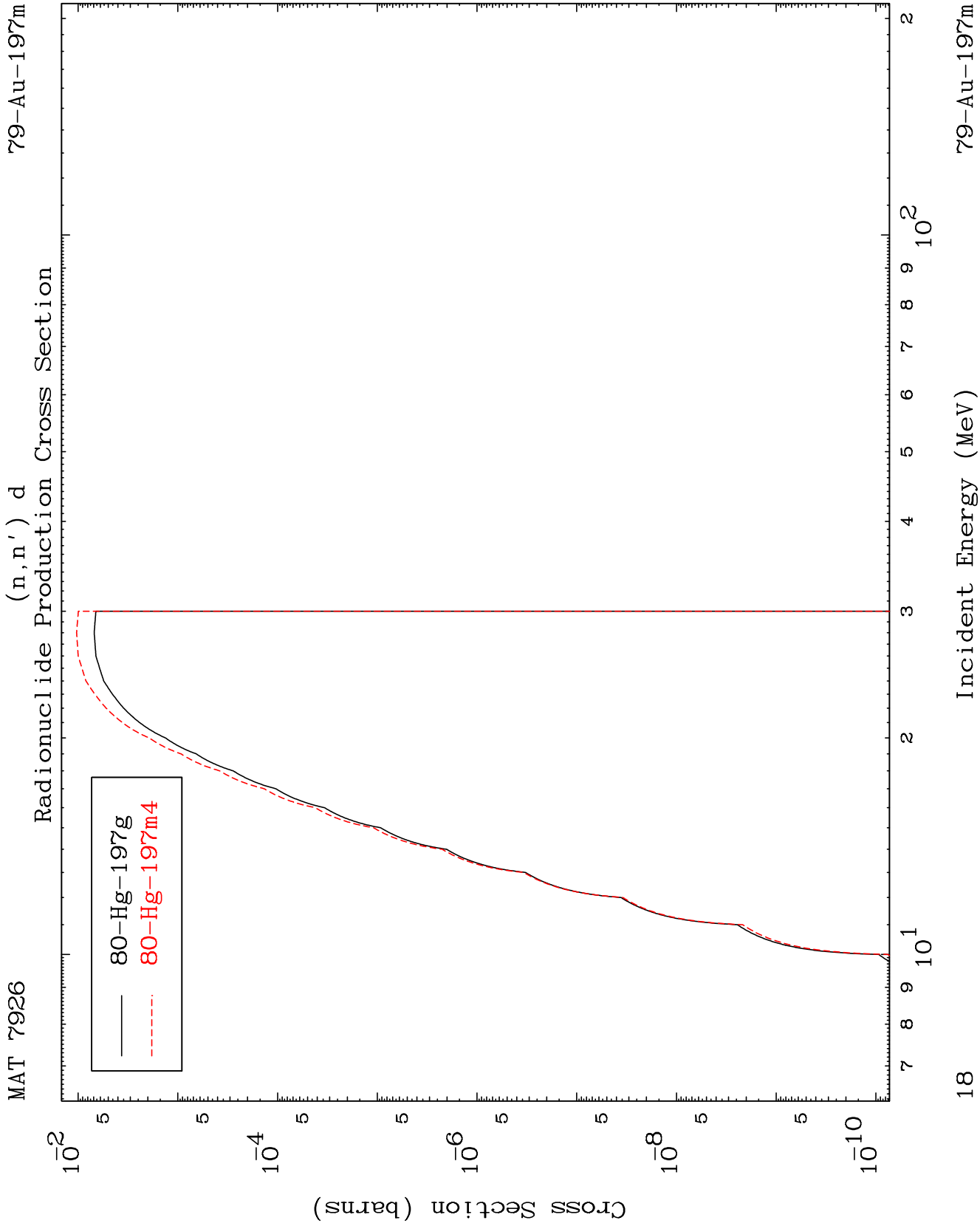
15

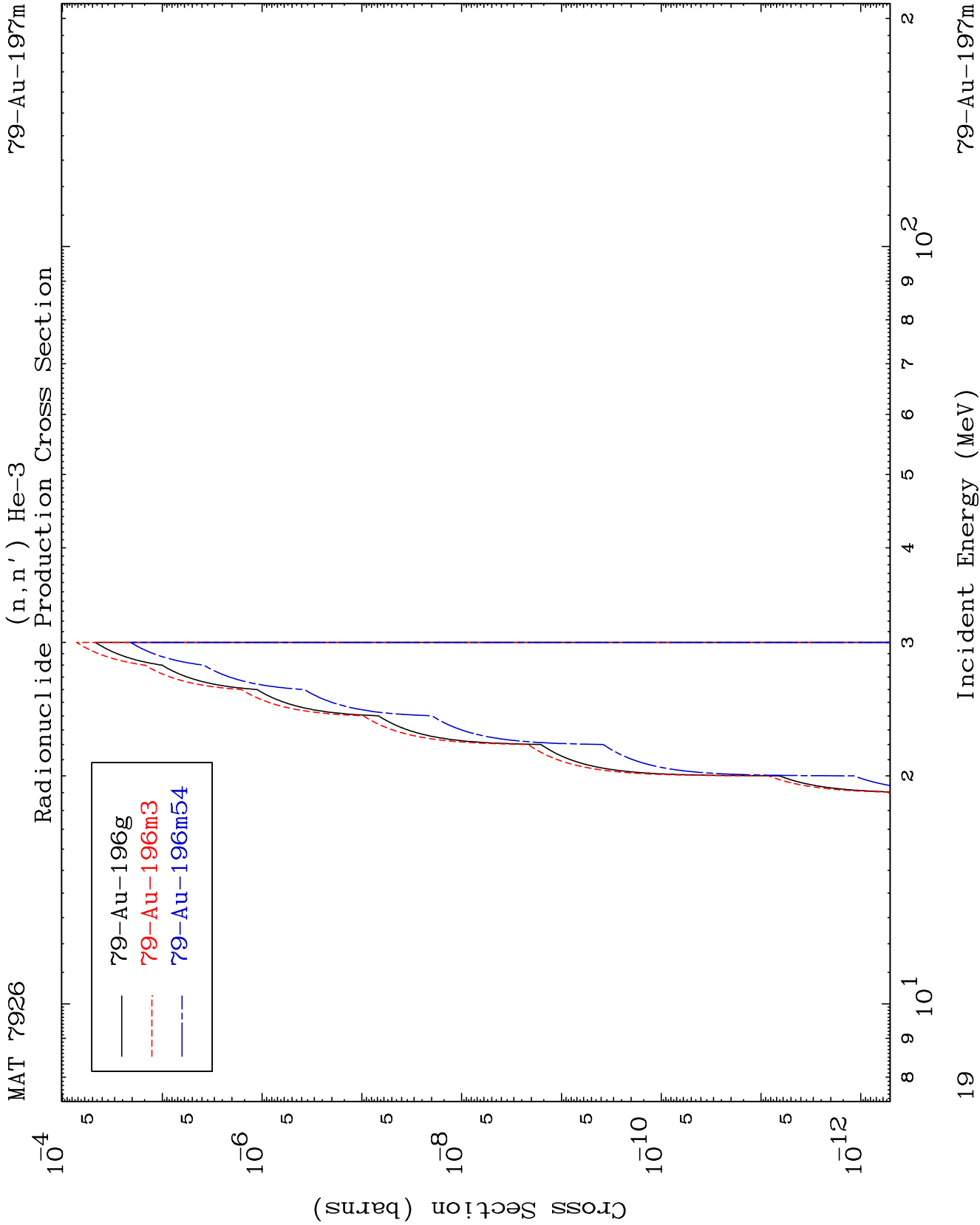
Incident Energy (MeV)

$^{79}\text{Au-197m}$





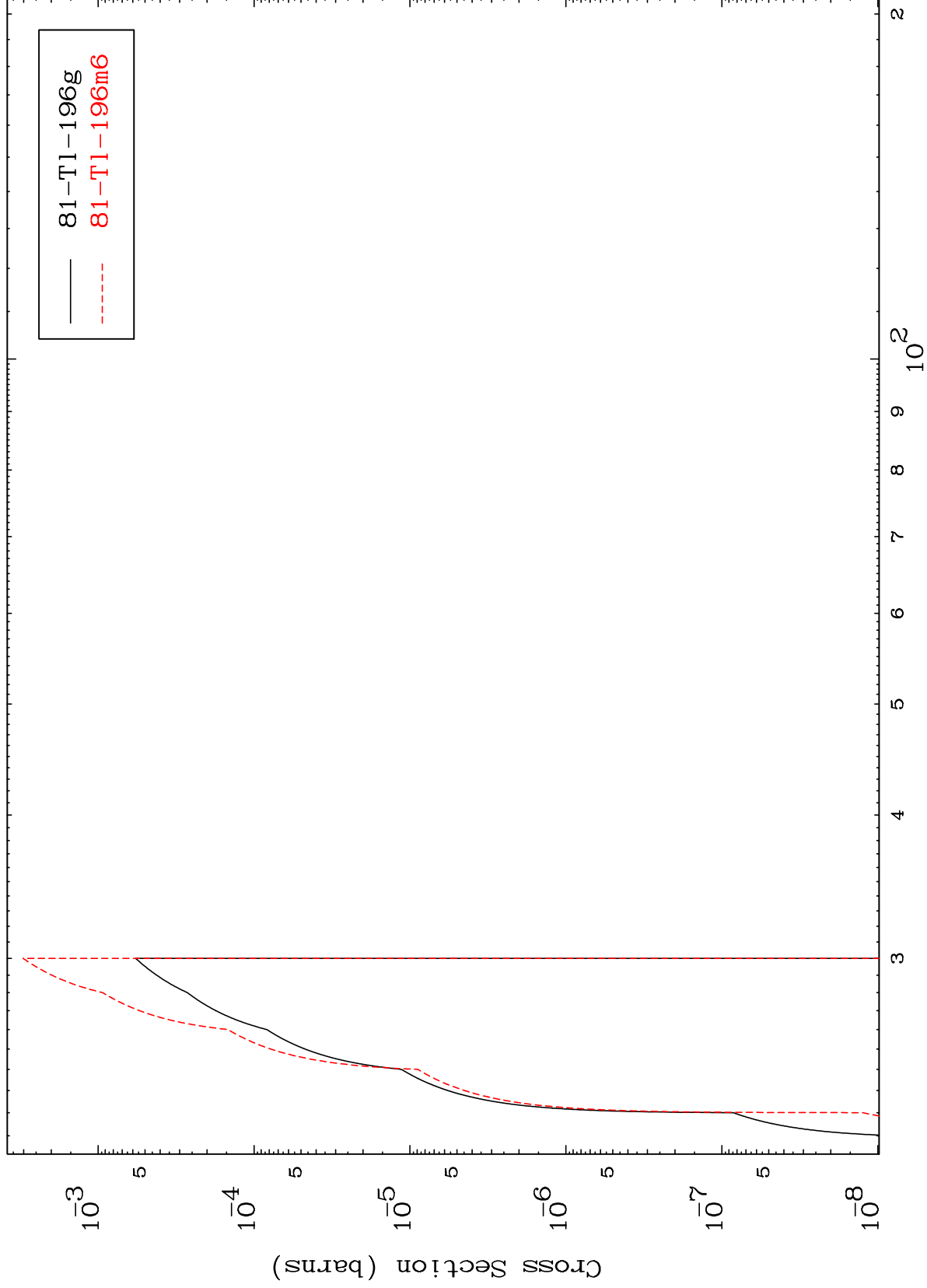




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⁷⁹Au-197m

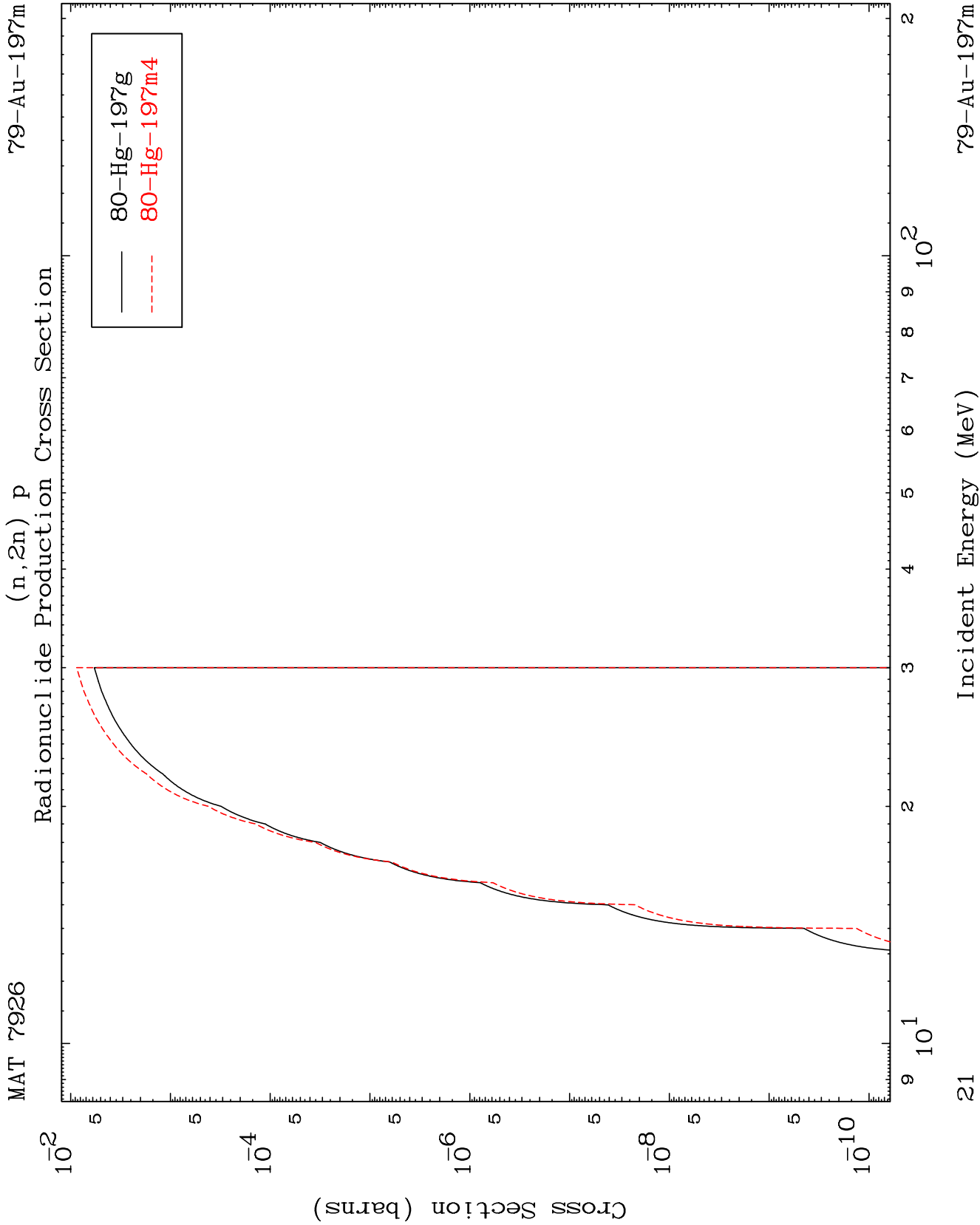
(n,4n)
Radionuclide Production Cross Section



⁷⁹Au-197m

Incident Energy (MeV)

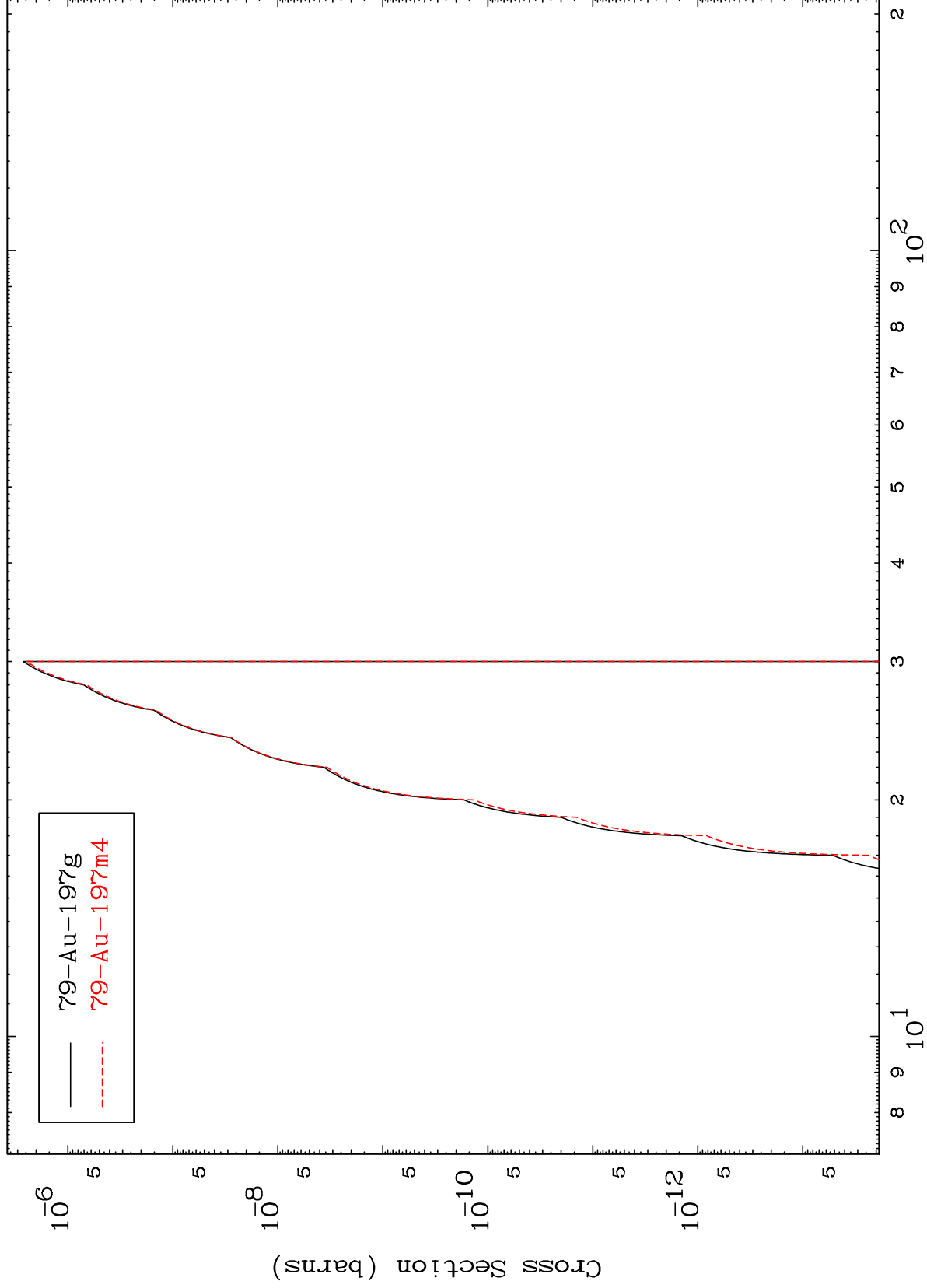
20



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⁷⁹Au-197m

(n,2n) p
Radionuclide Production Cross Section



22

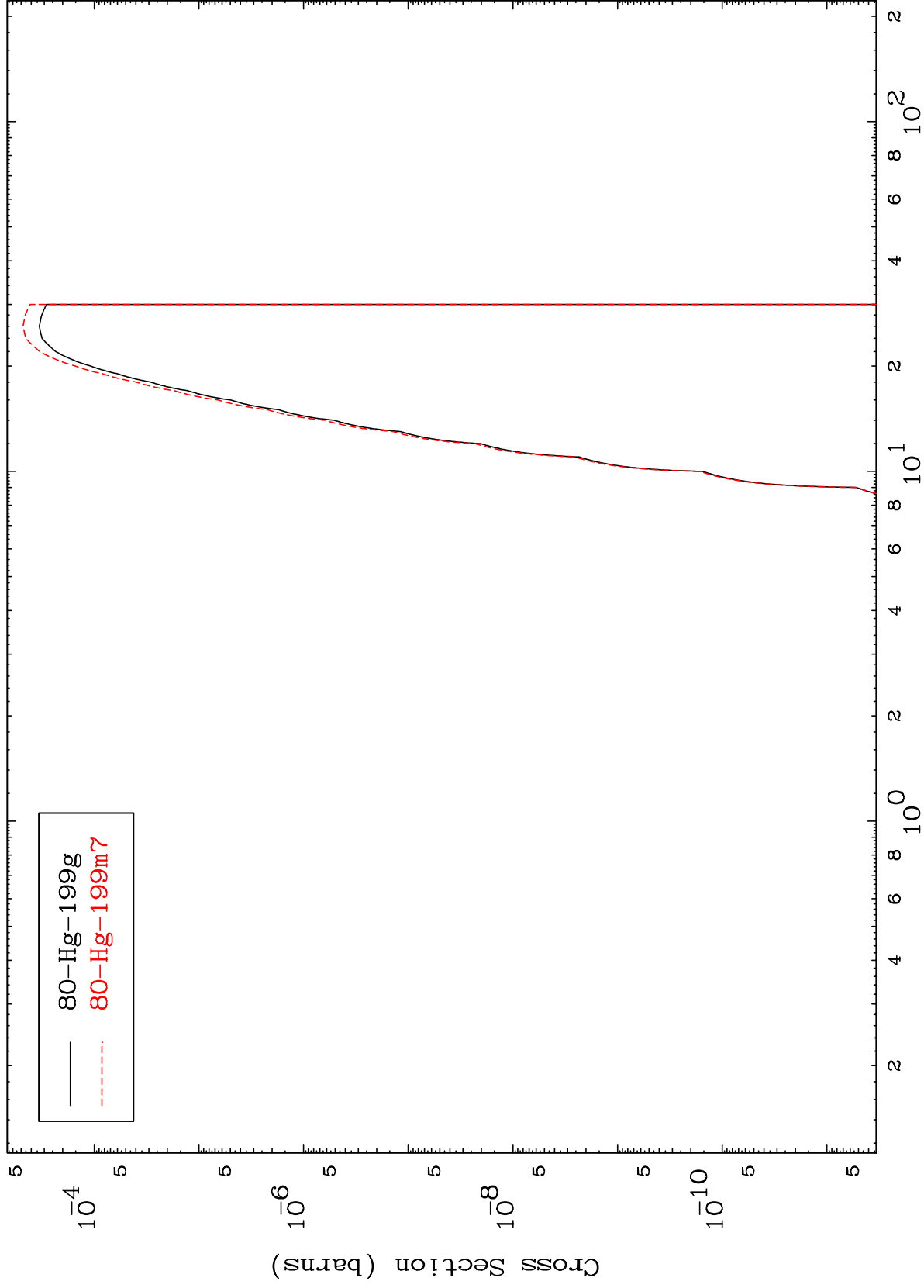
Incident Energy (MeV)

⁷⁹Au-197m

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79-Au-197m

Radionuclide Production Cross Section



23

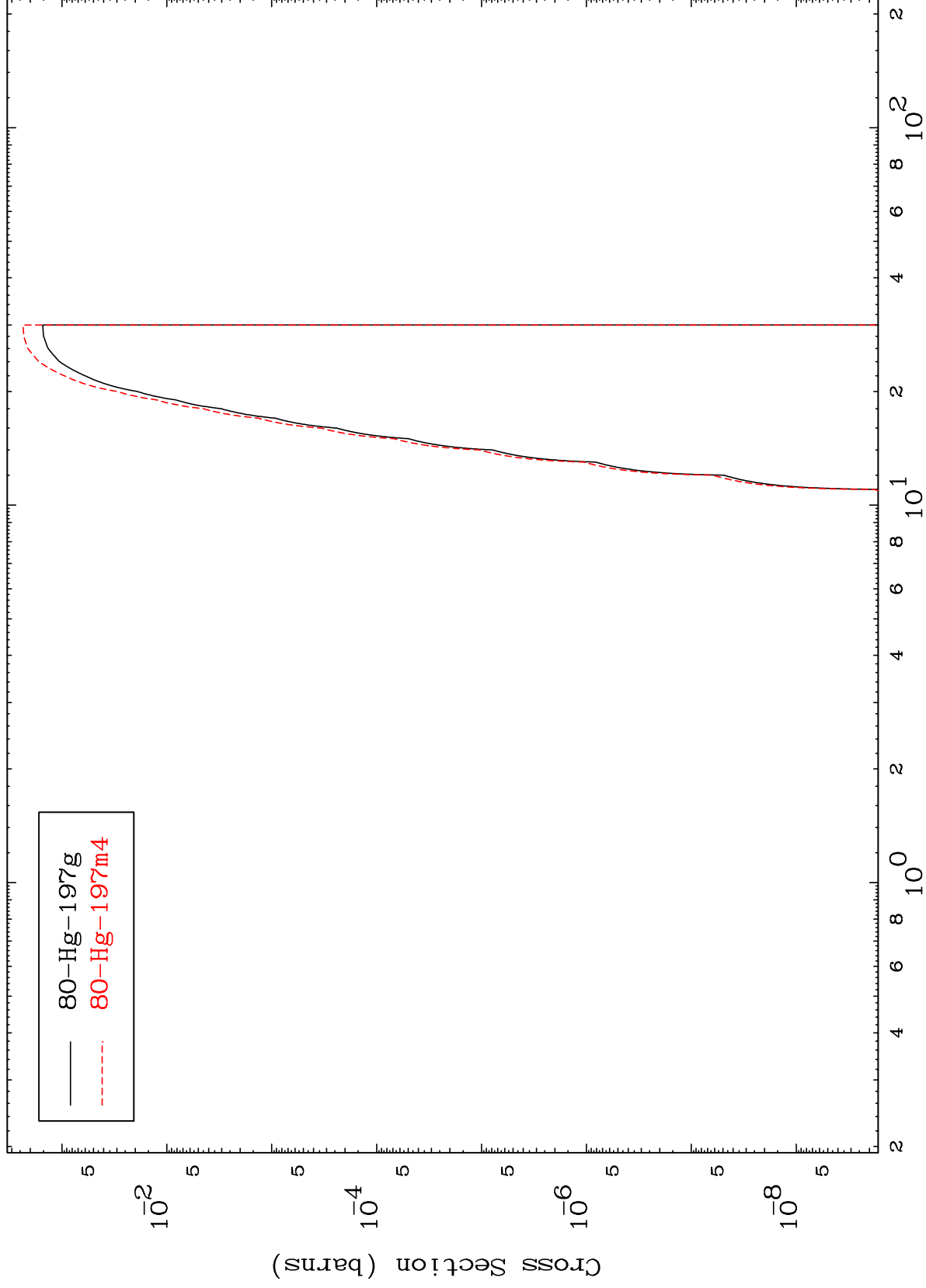
Incident Energy (MeV)

79-Au-197m

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⁷⁹Au-197m

Radionuclide Production Cross Section

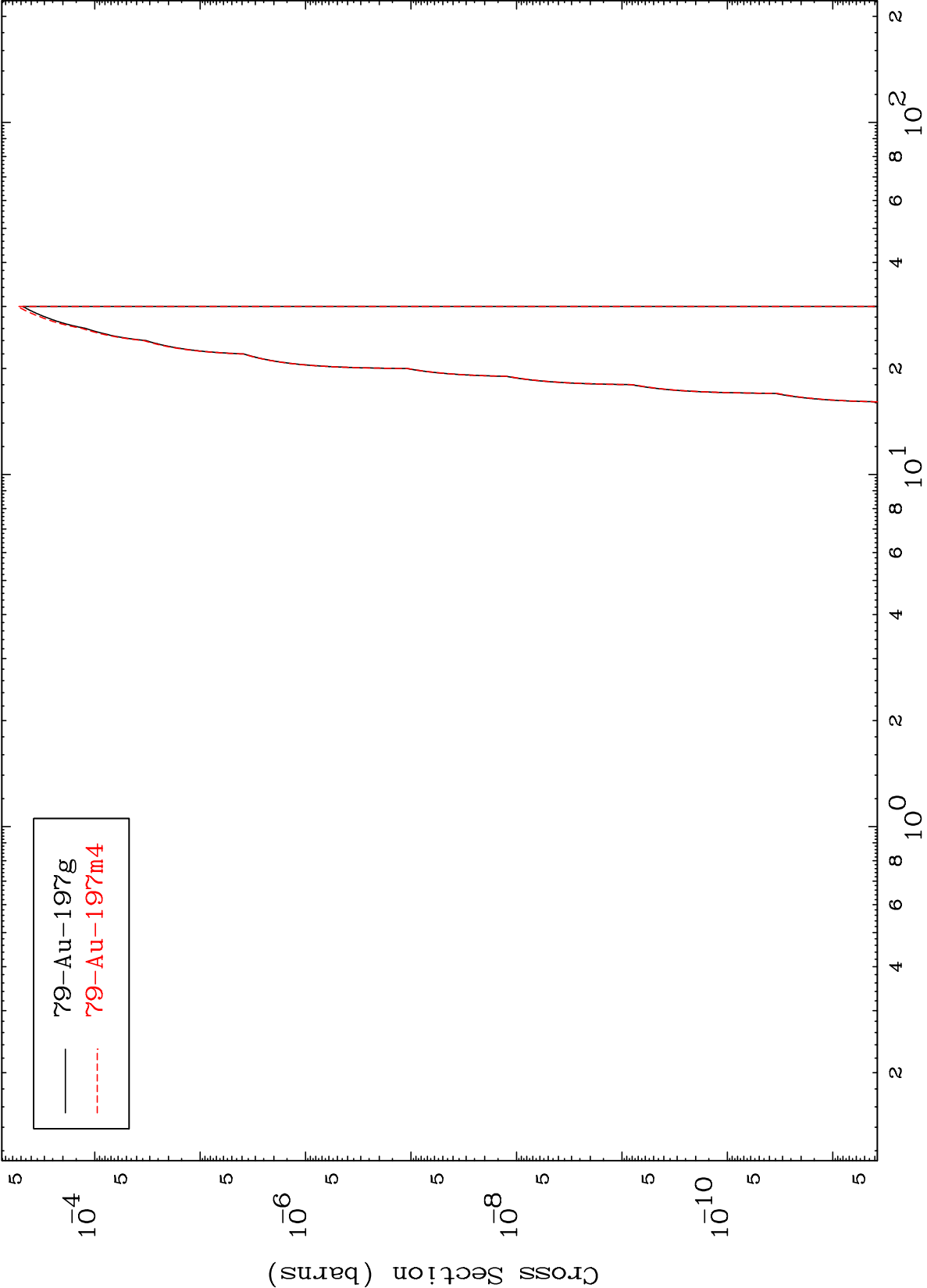


⁷⁹Au-197m

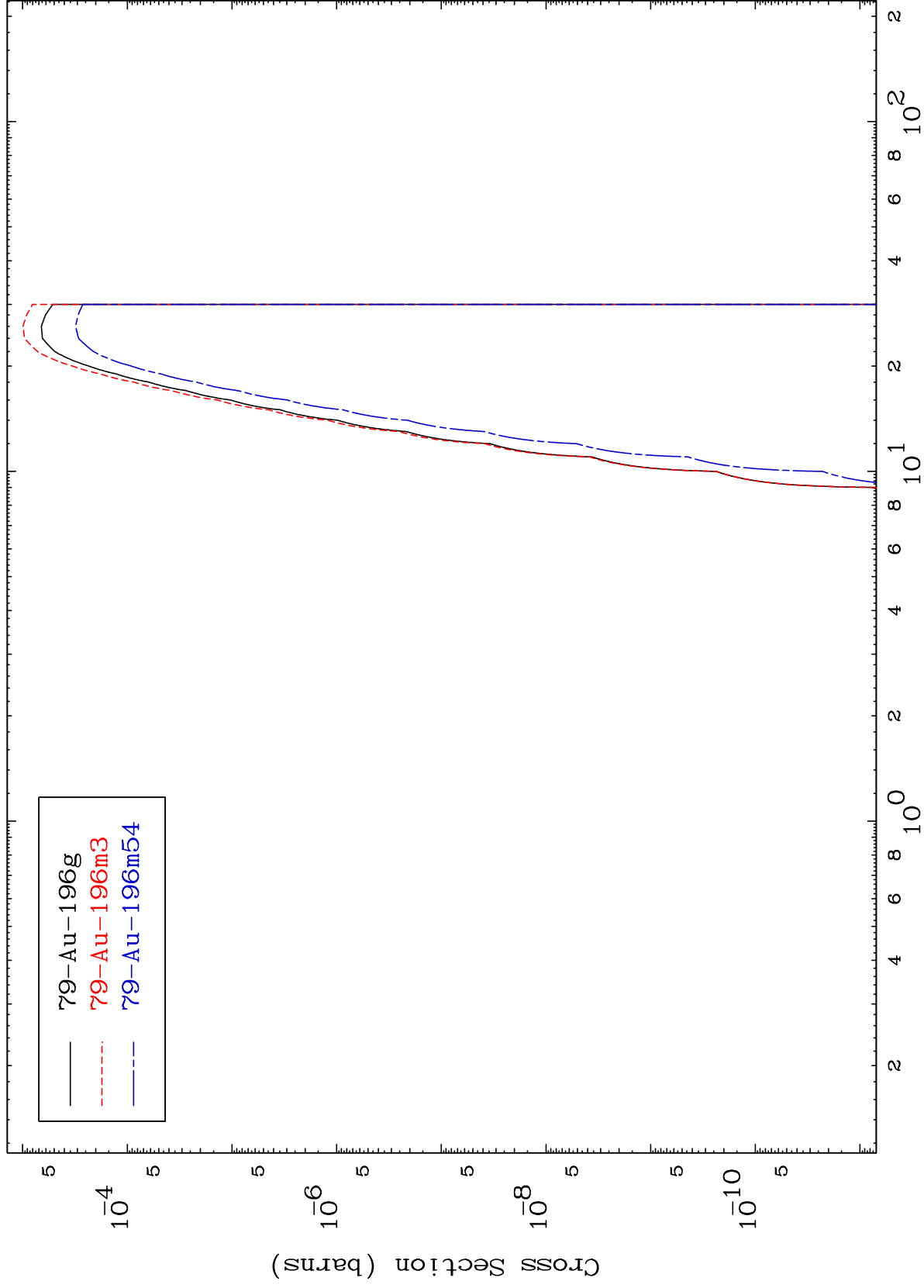
Incident Energy (MeV)

24

Radionuclide Production Cross Section



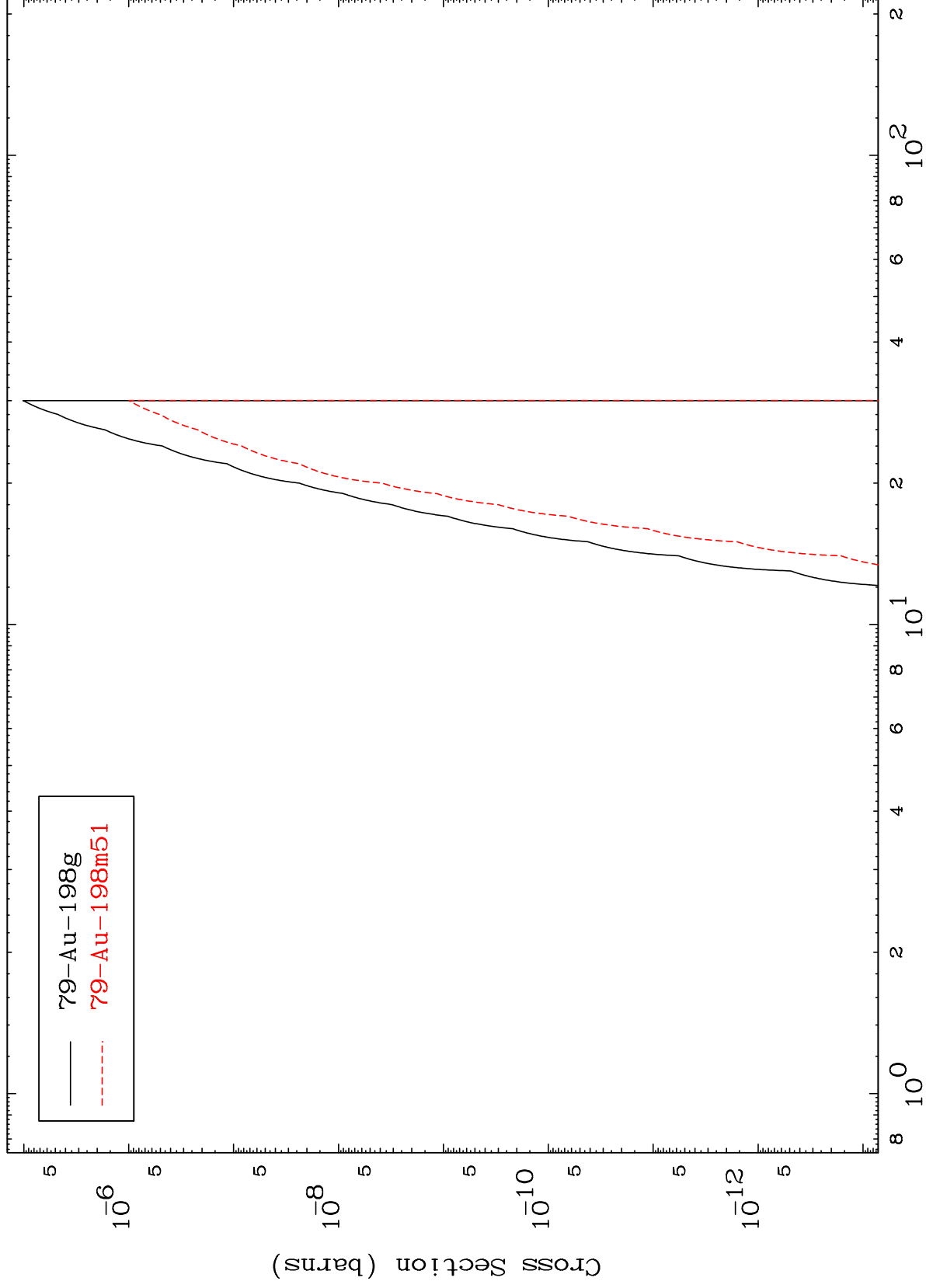
Radionuclide Production Cross Section (n, α)



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$^{79}\text{Au-197m}$

Radionuclide Production Cross Section



$^{79}\text{Au-197m}$

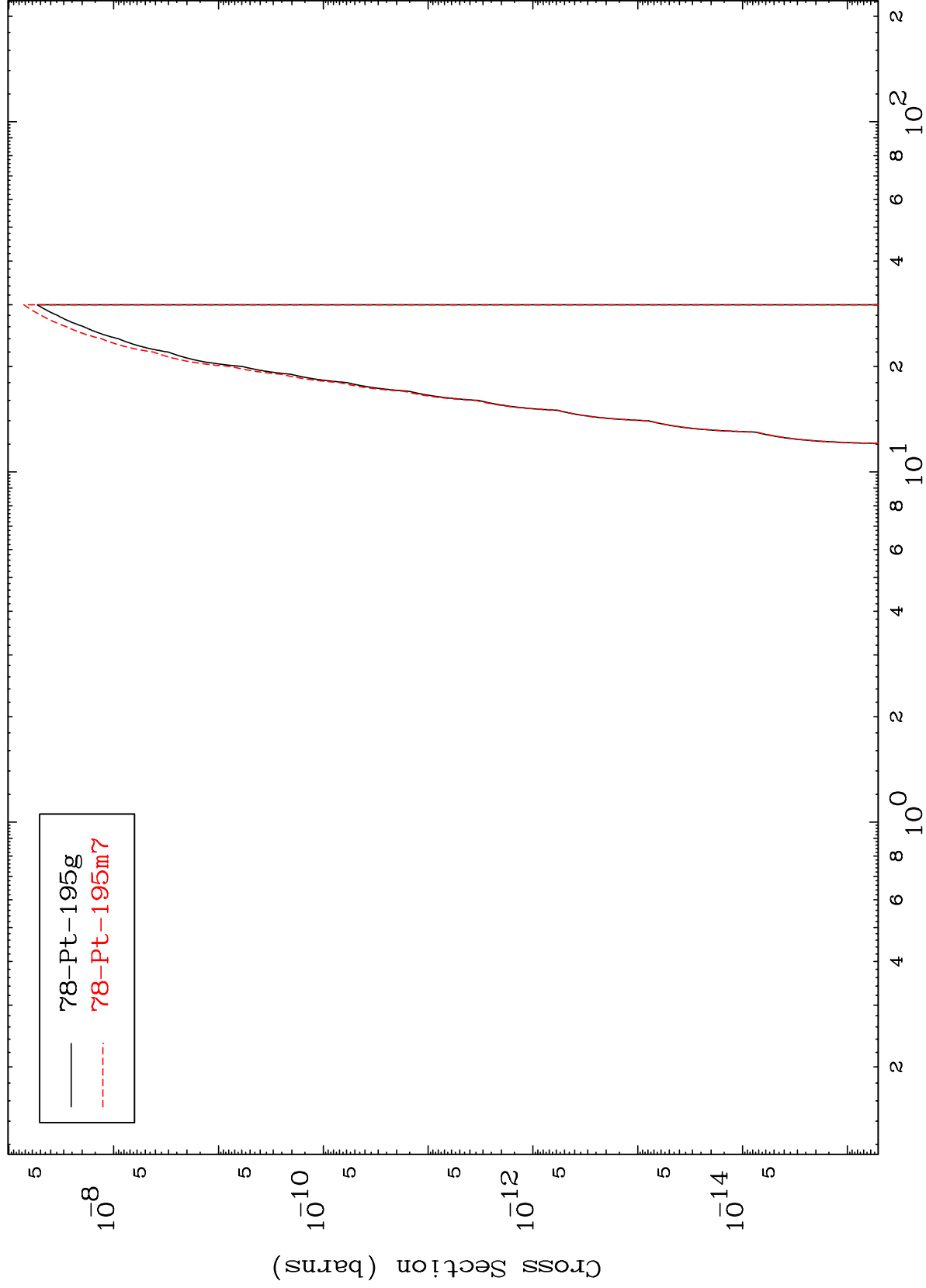
Incident Energy (MeV)

27

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$^{79}\text{Au-197m}$

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



28

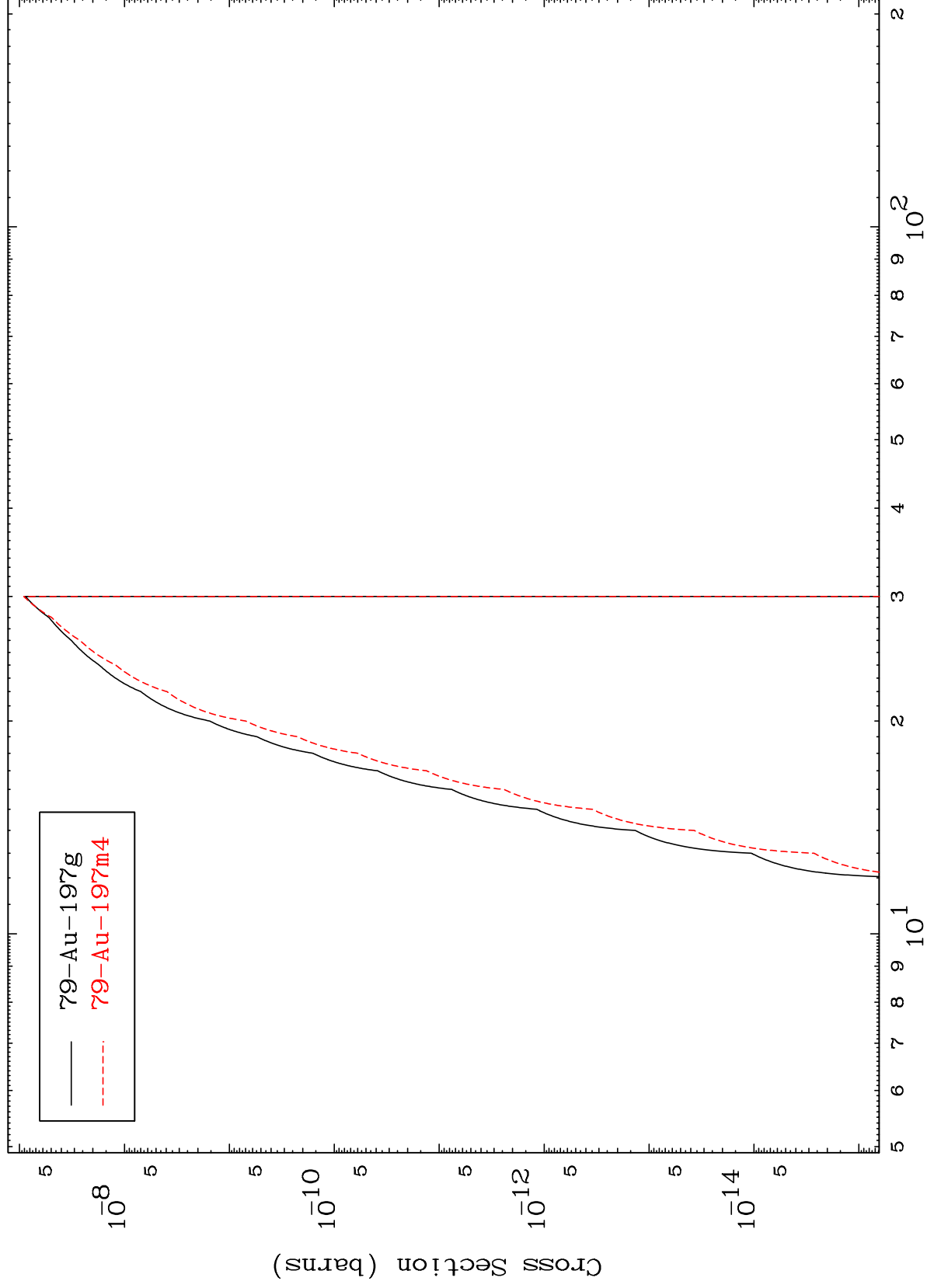
Incident Energy (MeV)

$^{79}\text{Au-197m}$

MAT 7926

⁷⁹Au-197m

(n,p) d
Radionuclide Production Cross Section



29

Incident Energy (MeV)

⁷⁹Au-197m

