

Program EVALPLOT
(Version 2021-1)

by

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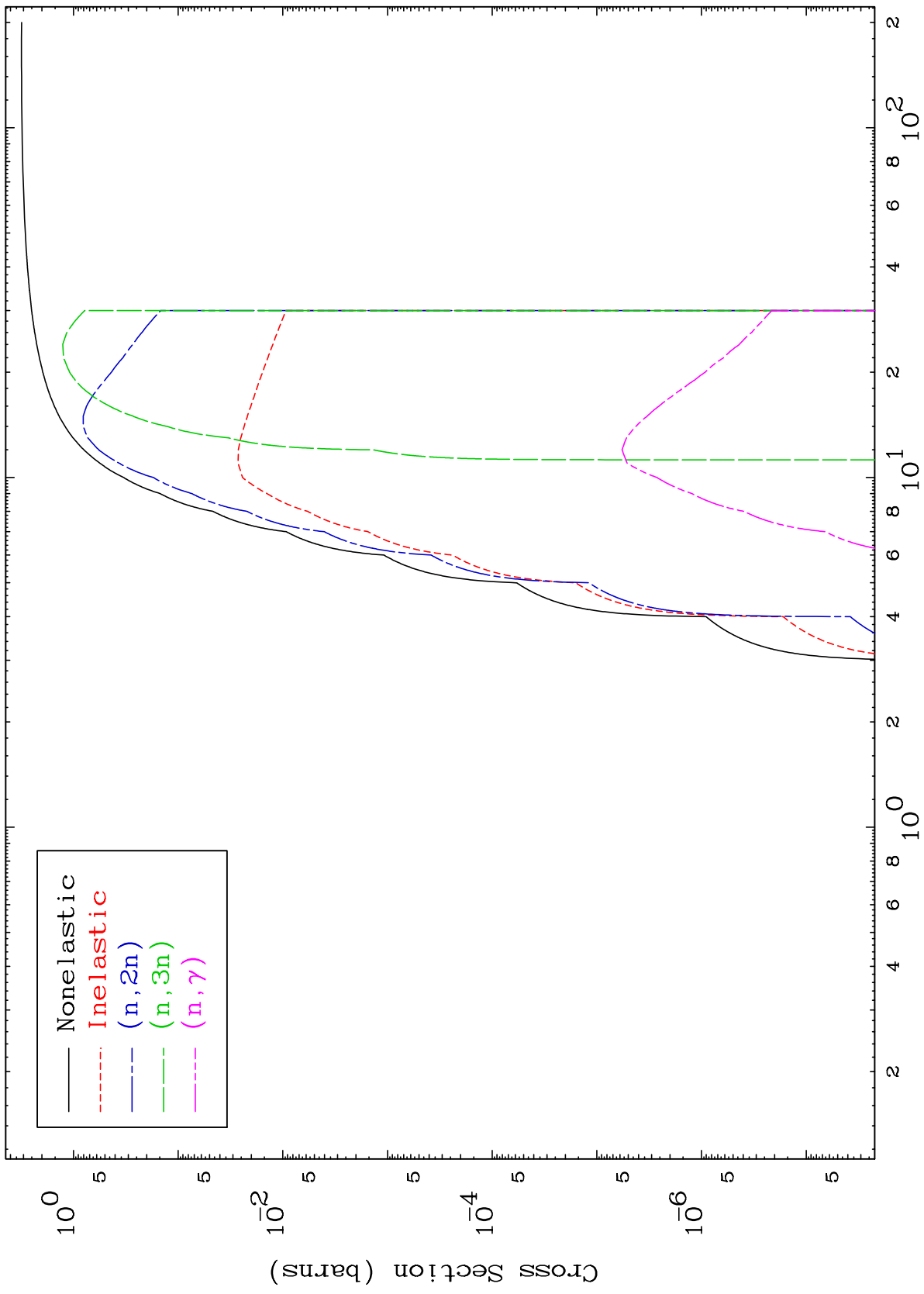
Press Mouse Button to Start

MAT 7923

Deuteron Major

79-Au-196m

0 Kelvin Cross Sections



1

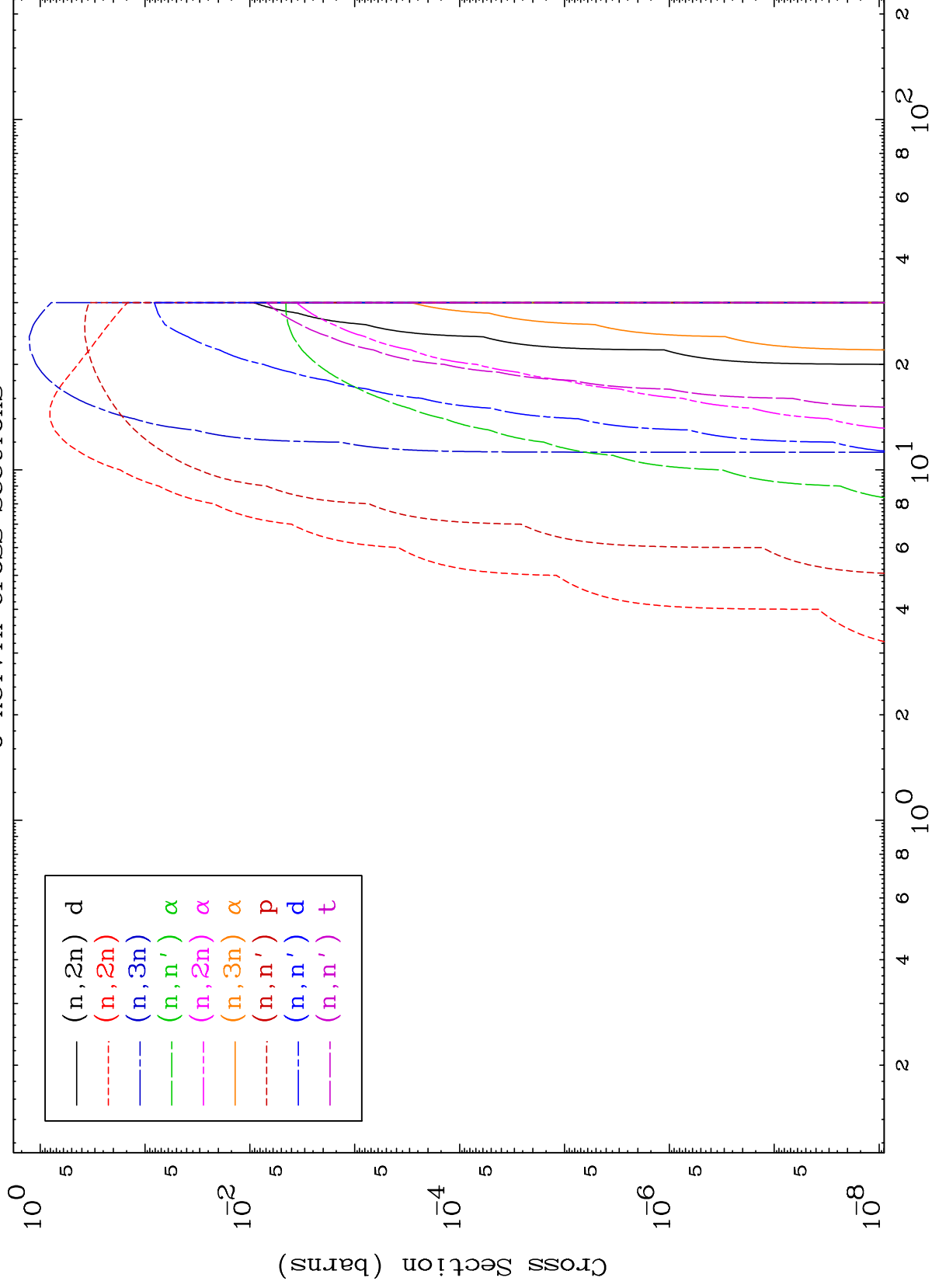
Incident Energy (MeV)

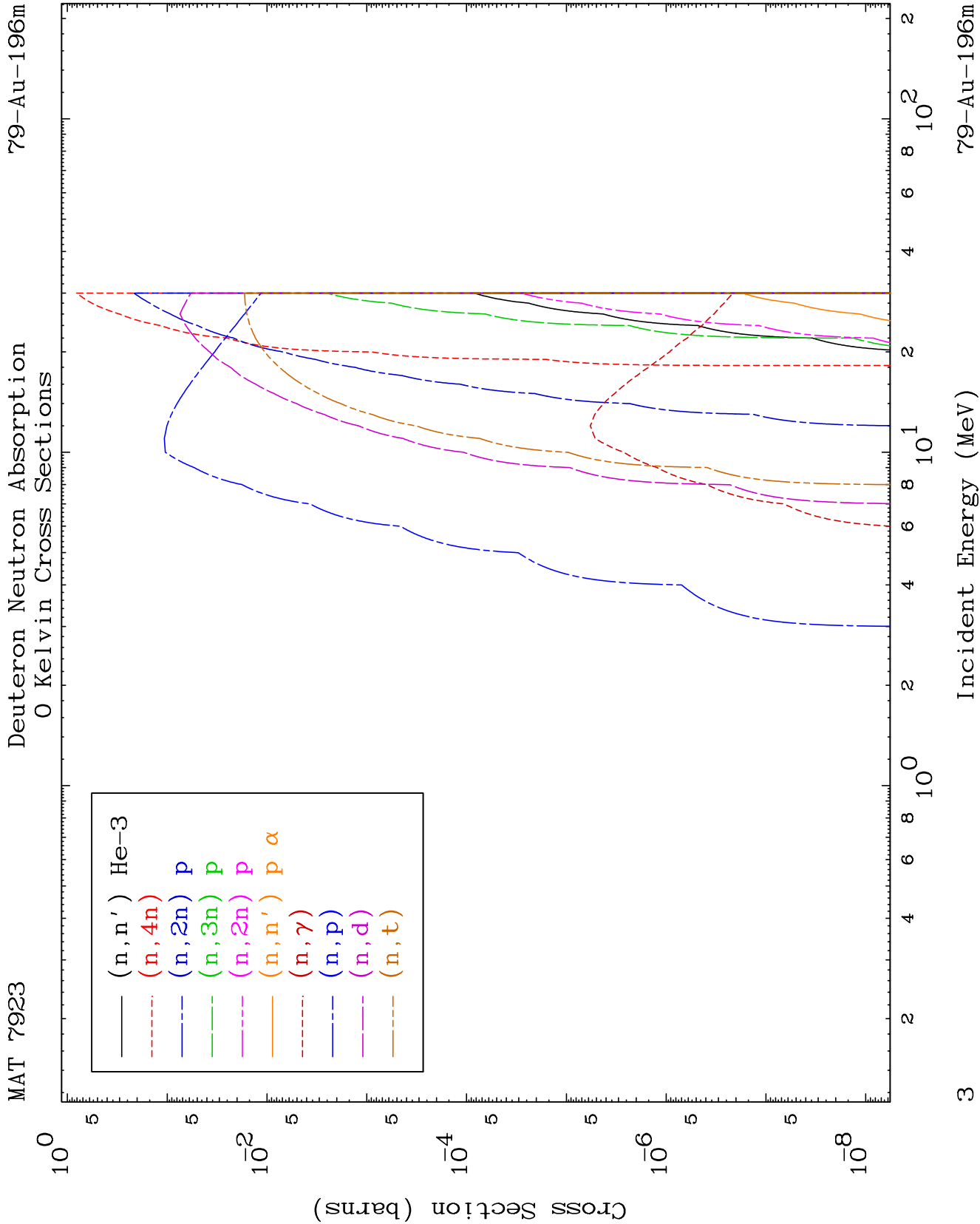
79-Au-196m

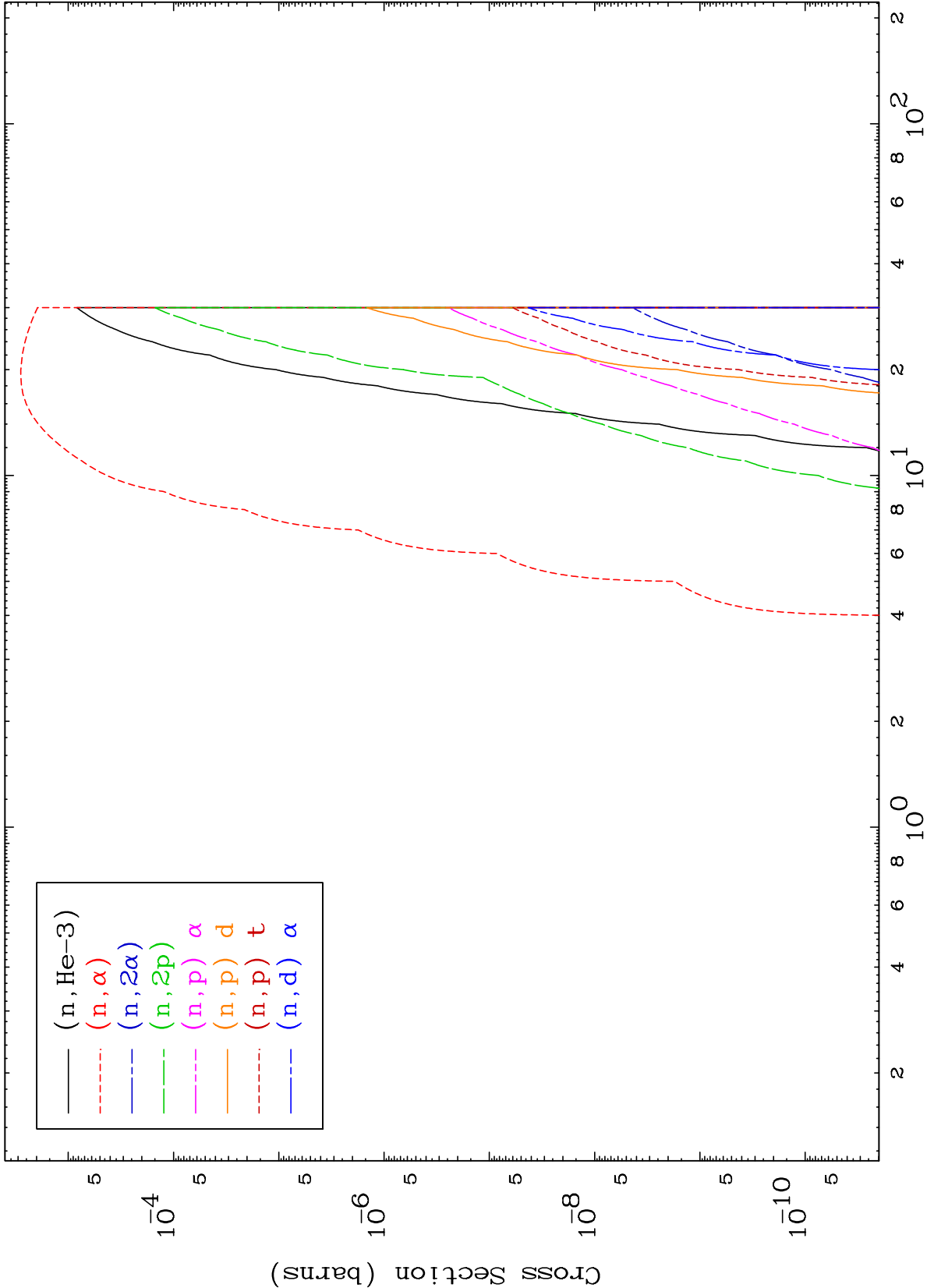
MAT 7923

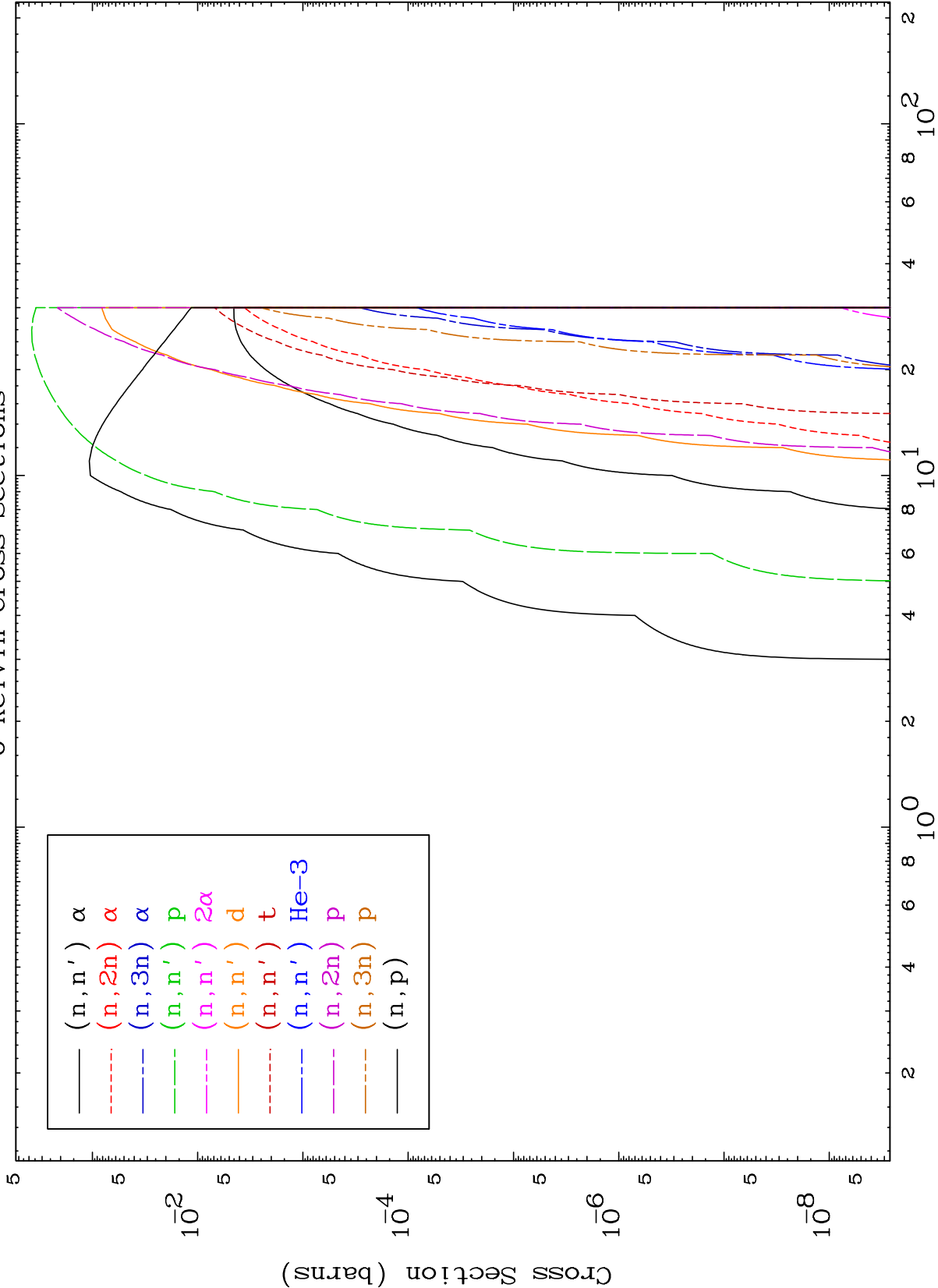
Deuteron Neutron Absorption
0 Kelvin Cross Sections

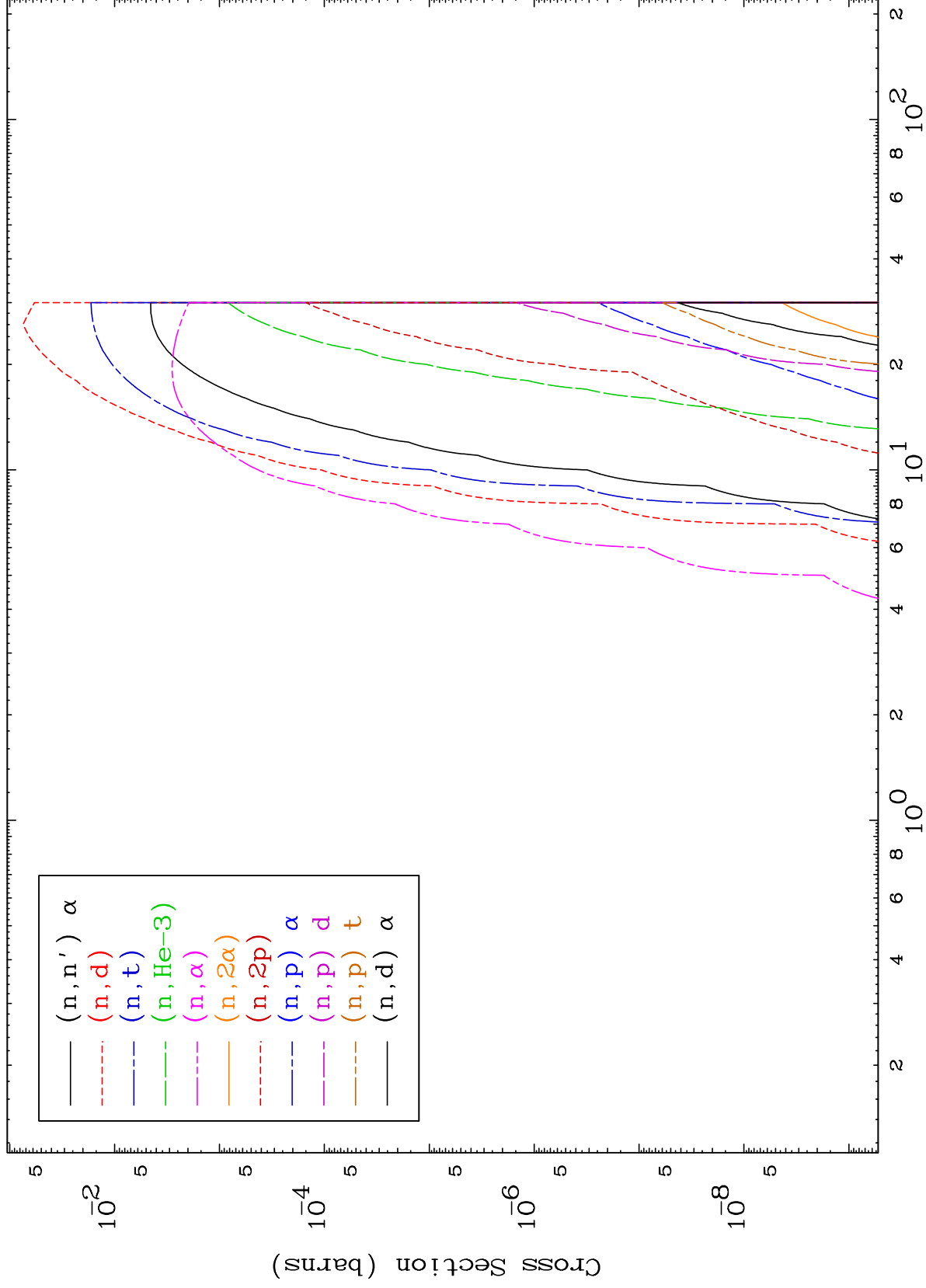
⁷⁹Au-196m







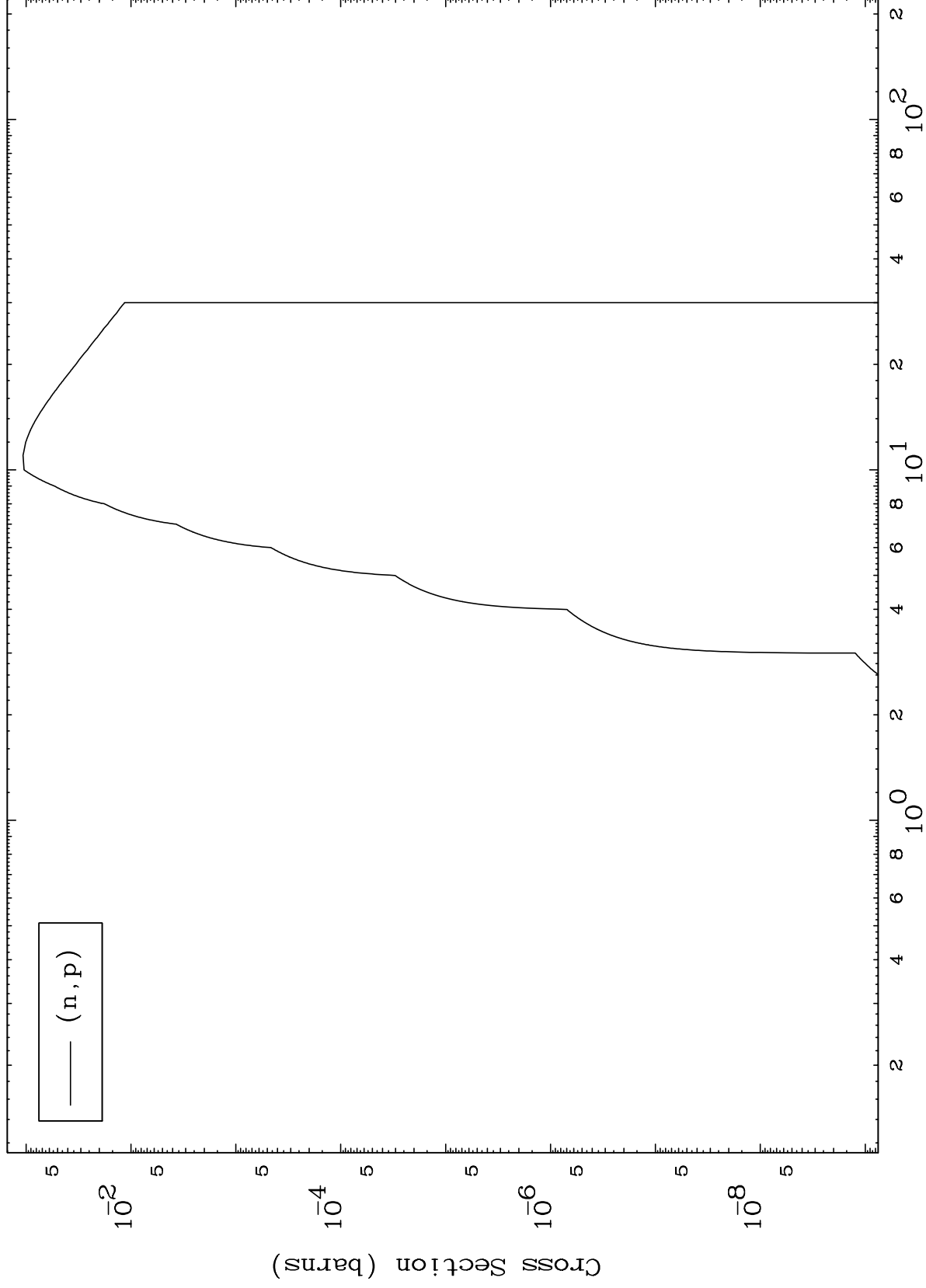




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79-Au-196m

(d,p) Levels
0 Kelvin Cross Sections



— (n,p)

79-Au-196m

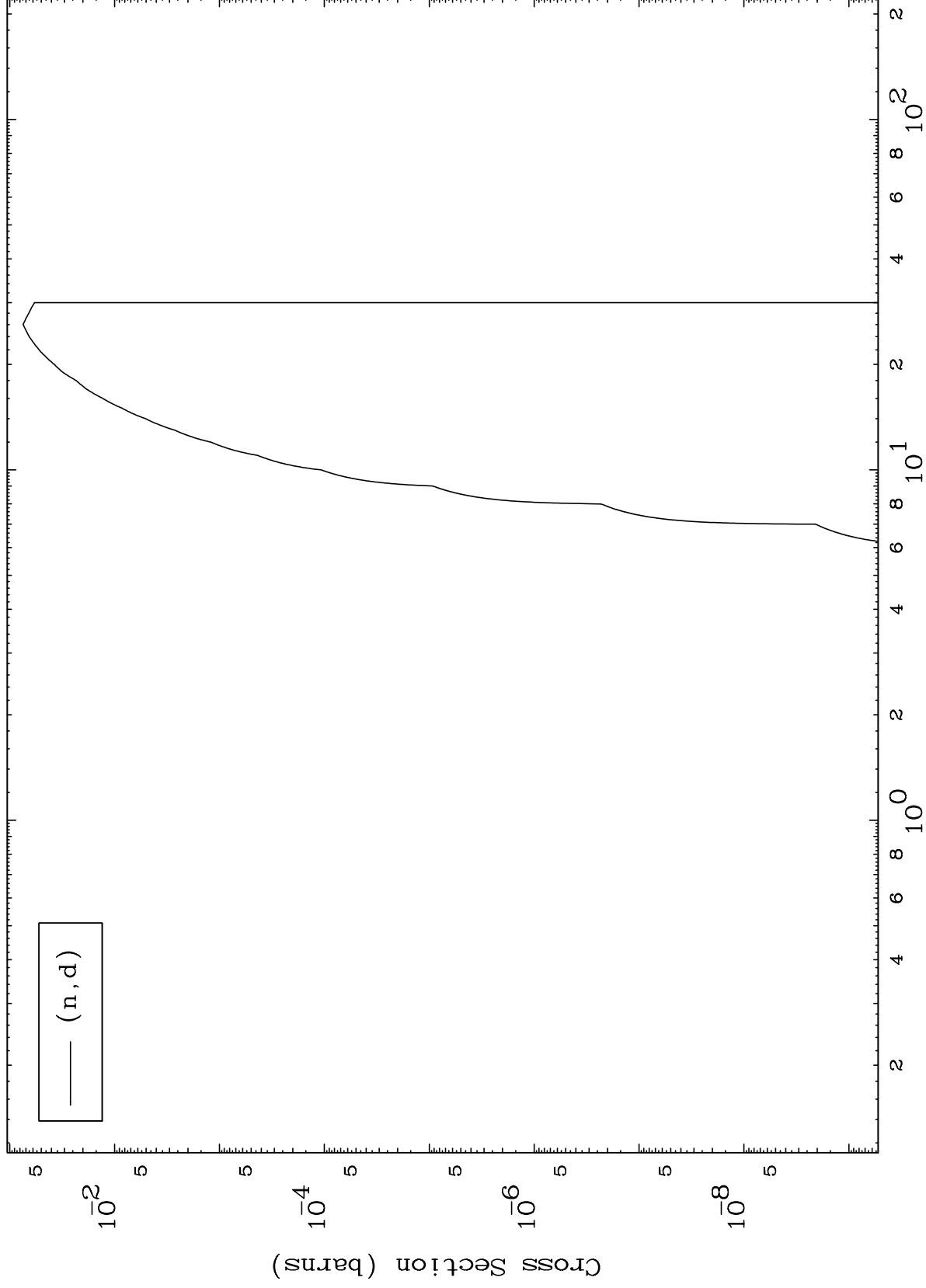
Incident Energy (MeV)

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79-Au-196m

(d,d) Levels
0 Kelvin Cross Sections



8

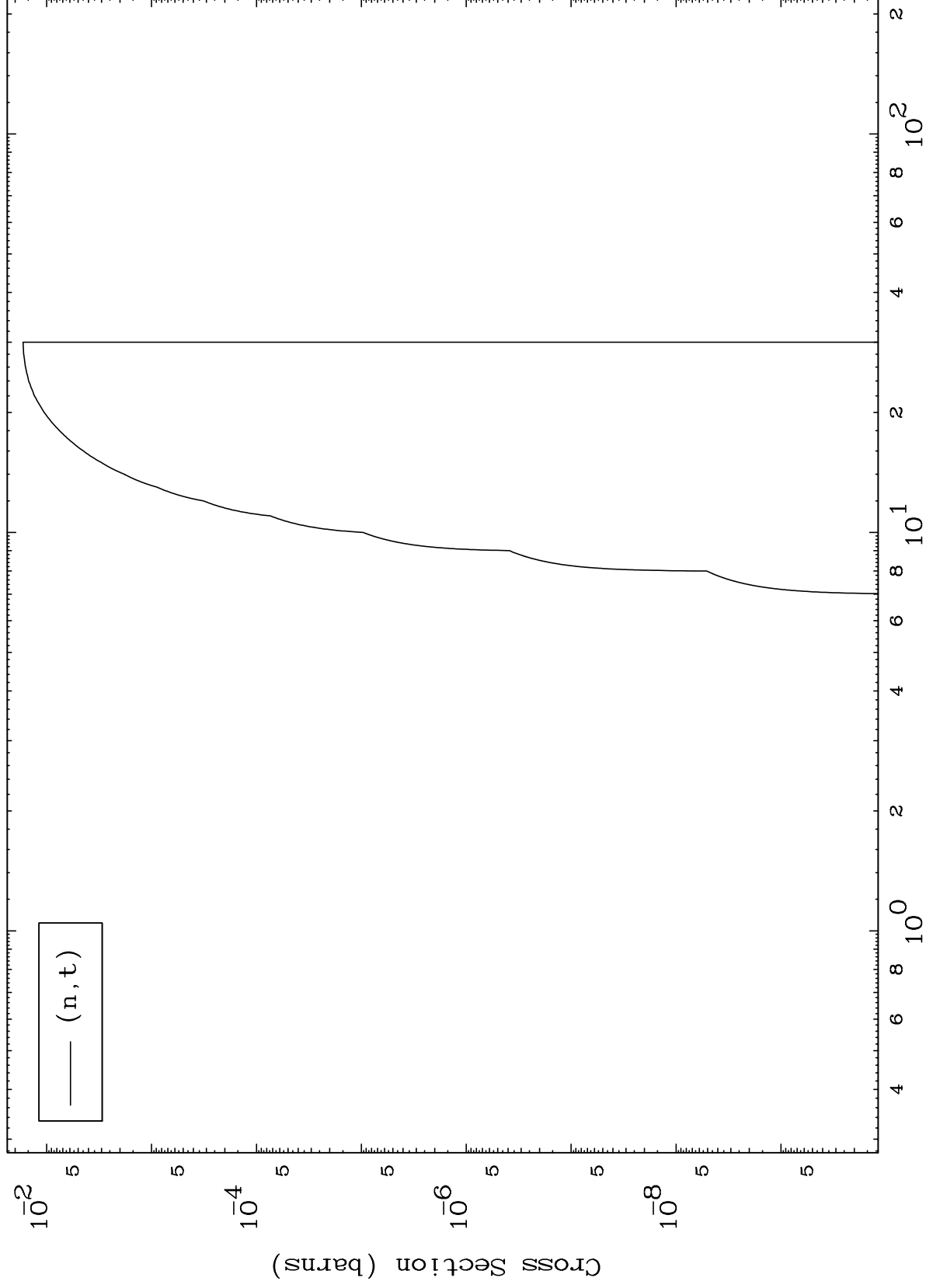
Incident Energy (MeV)

79-Au-196m

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79-Au-196m

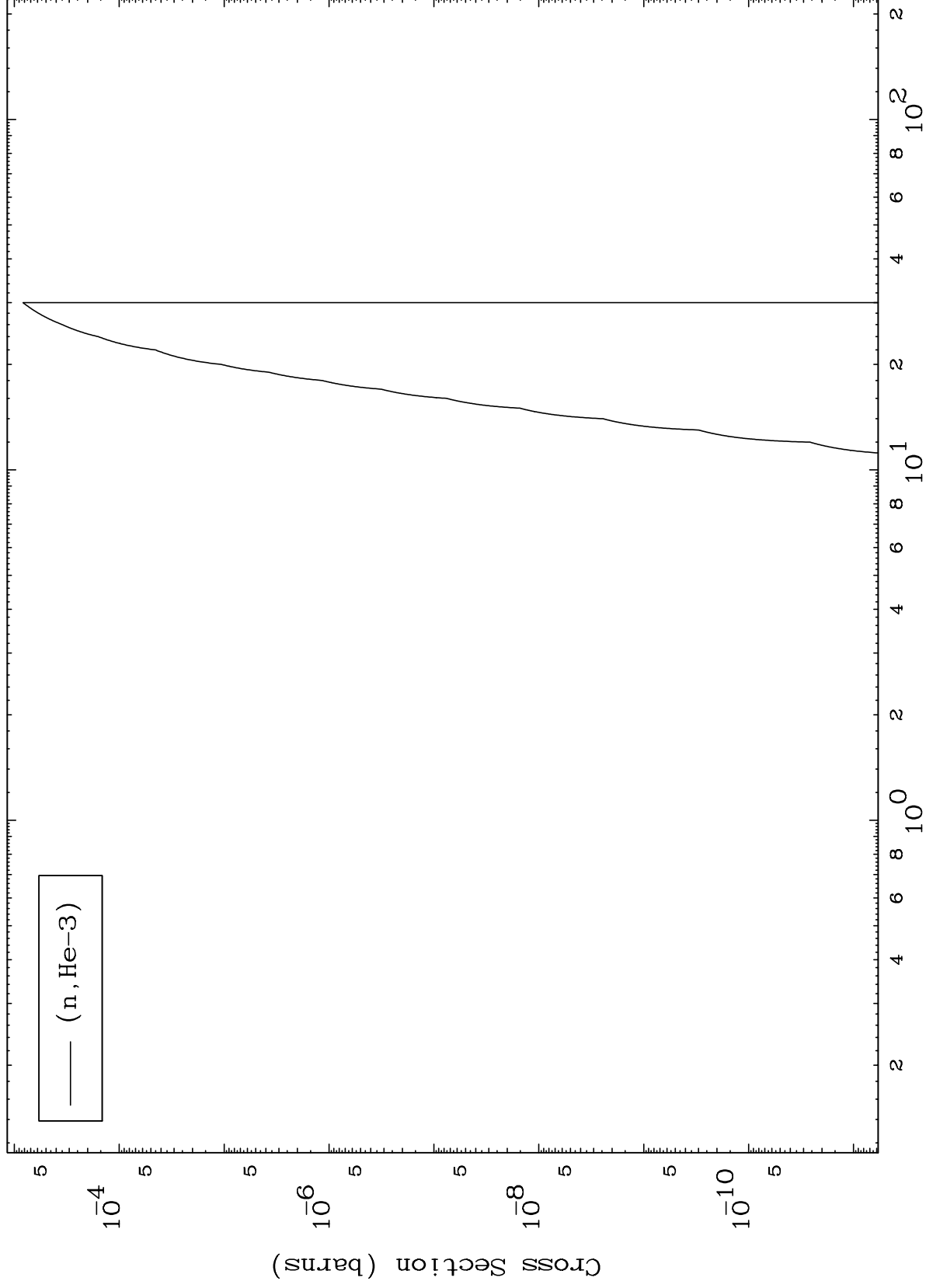
(d,t) Levels
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

79-Au-196m

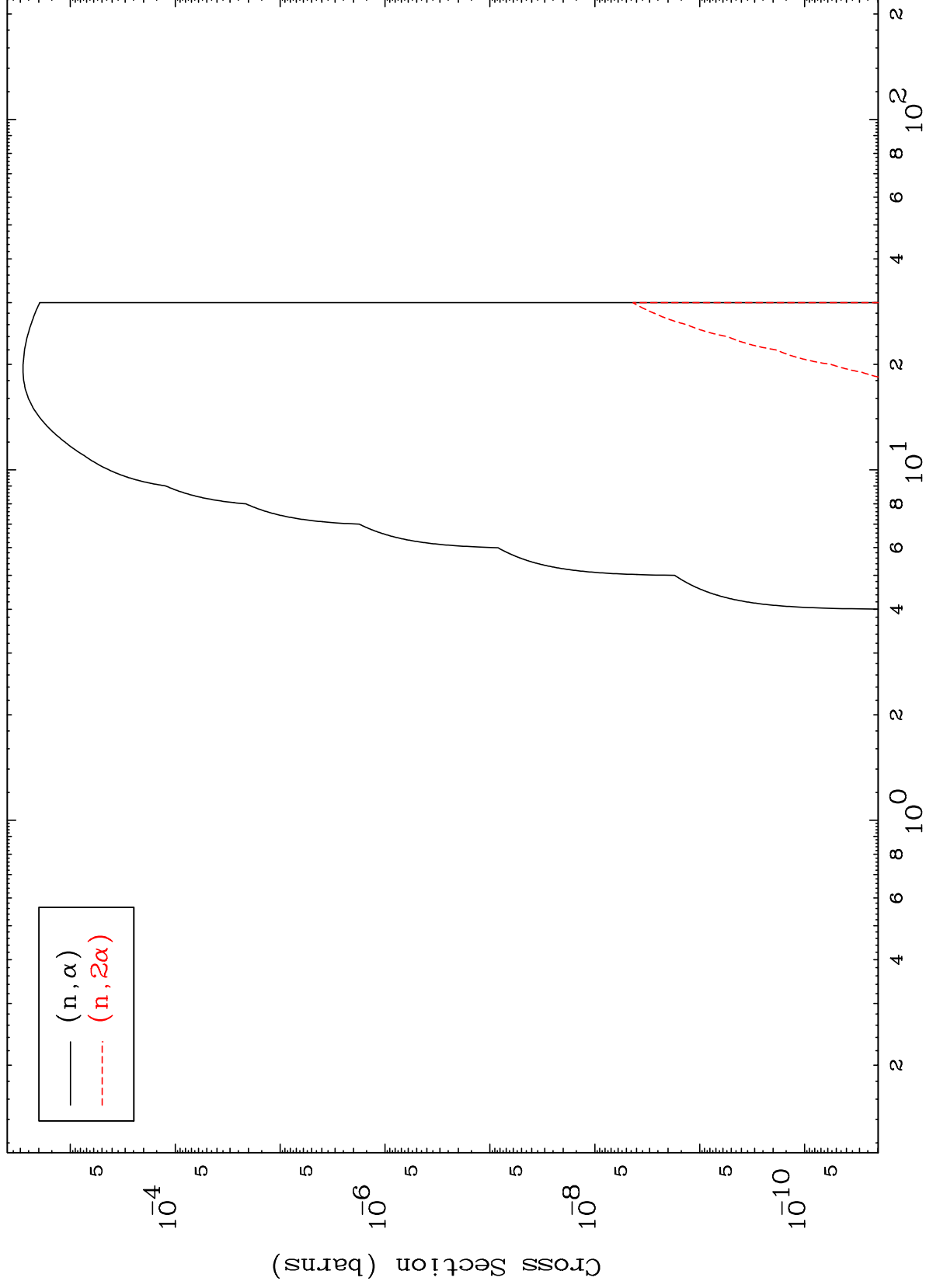


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Incident Energy (MeV)

79-Au-196m

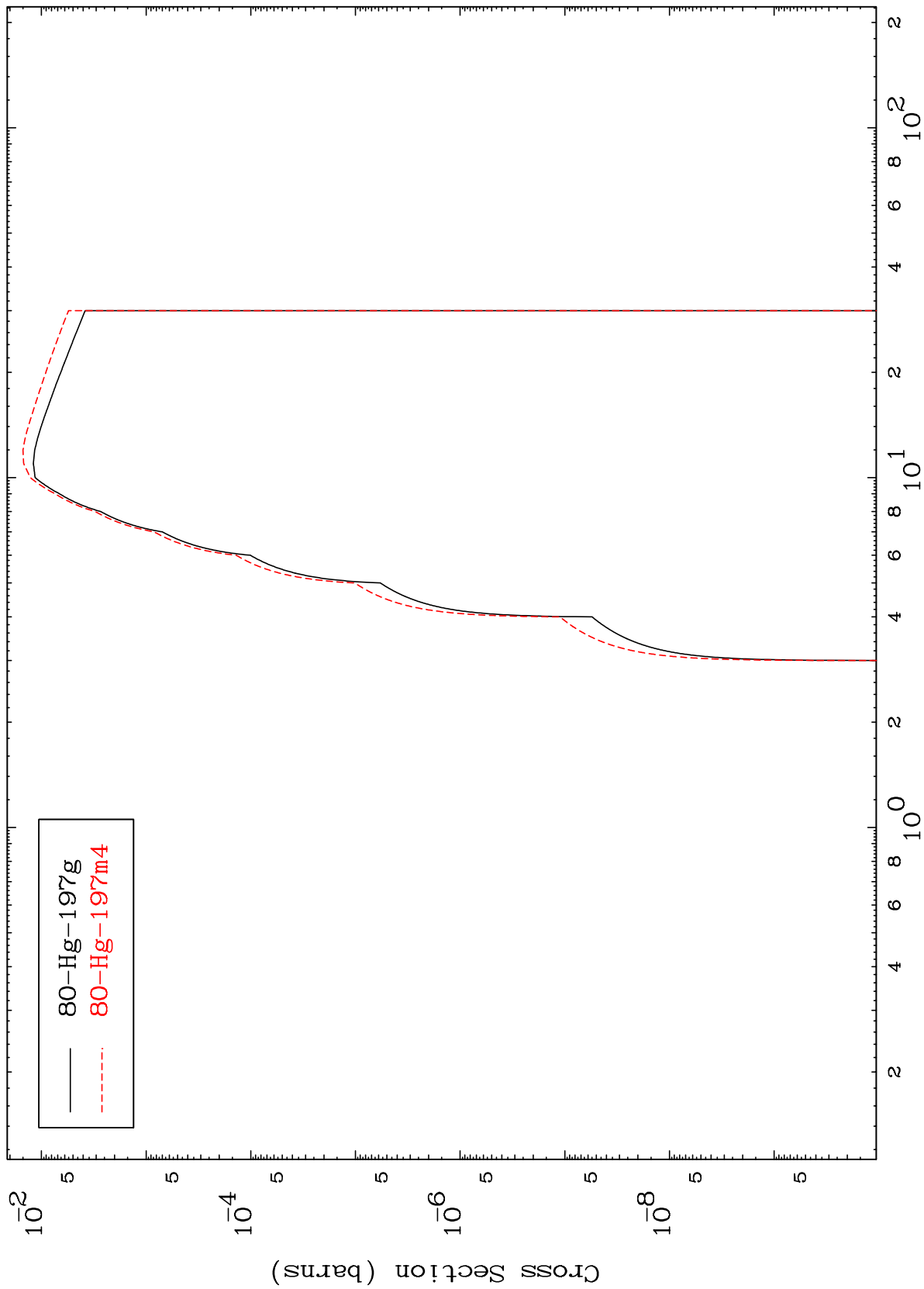
(d, α) Levels
0 Kelvin Cross Sections



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79-Au-196m

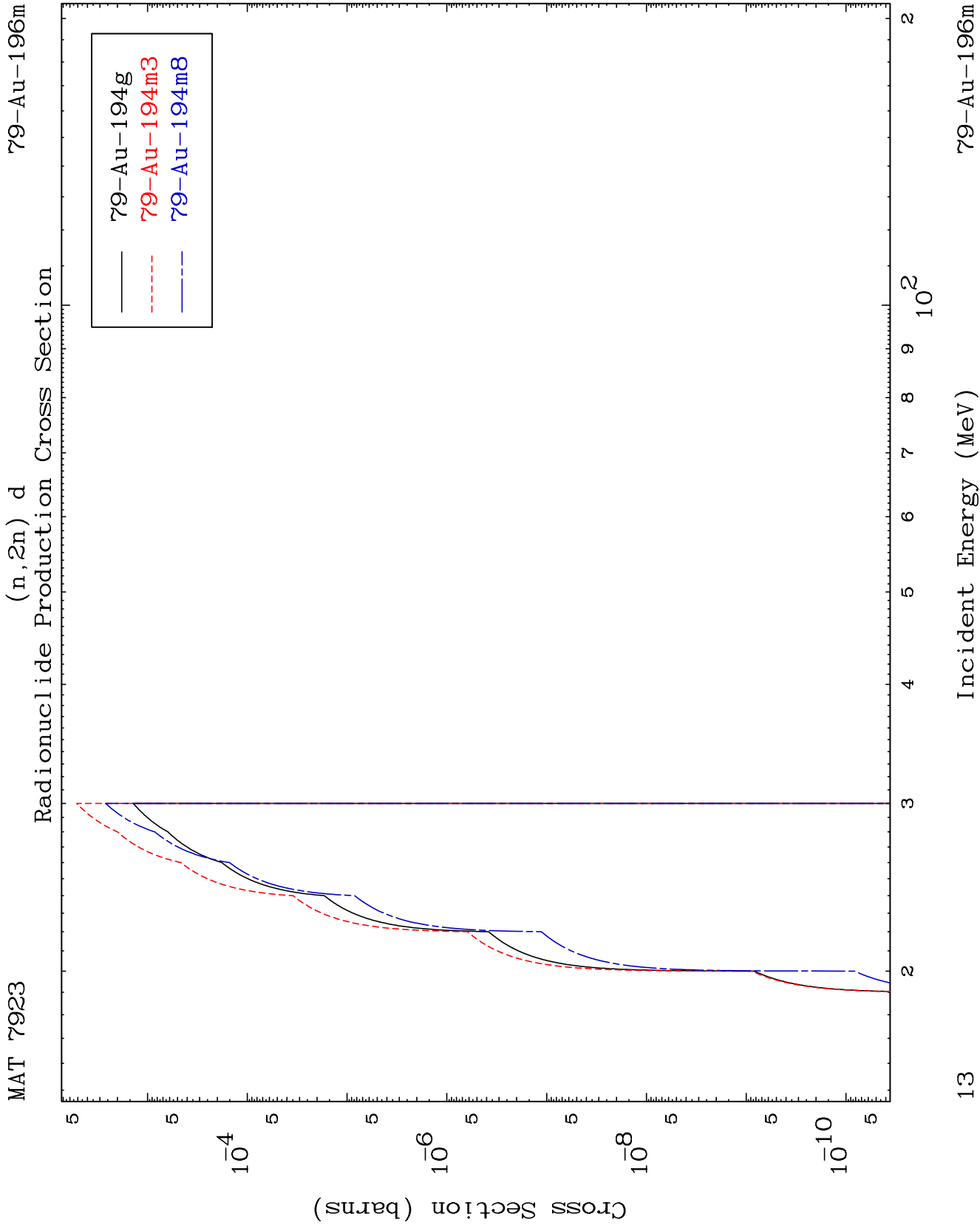
Inelastic
Radionuclide Production Cross Section

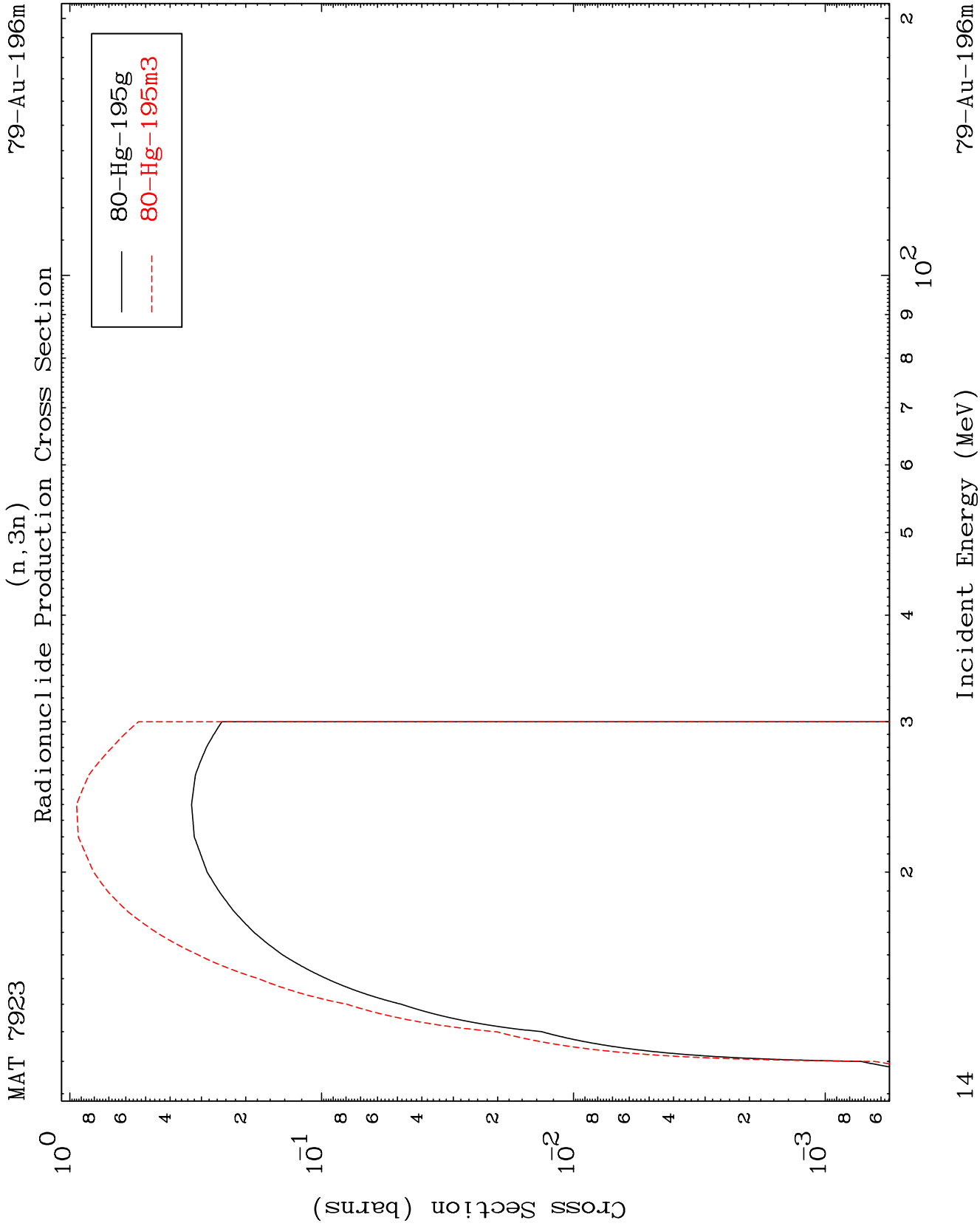


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Incident Energy (MeV)

79-Au-196m



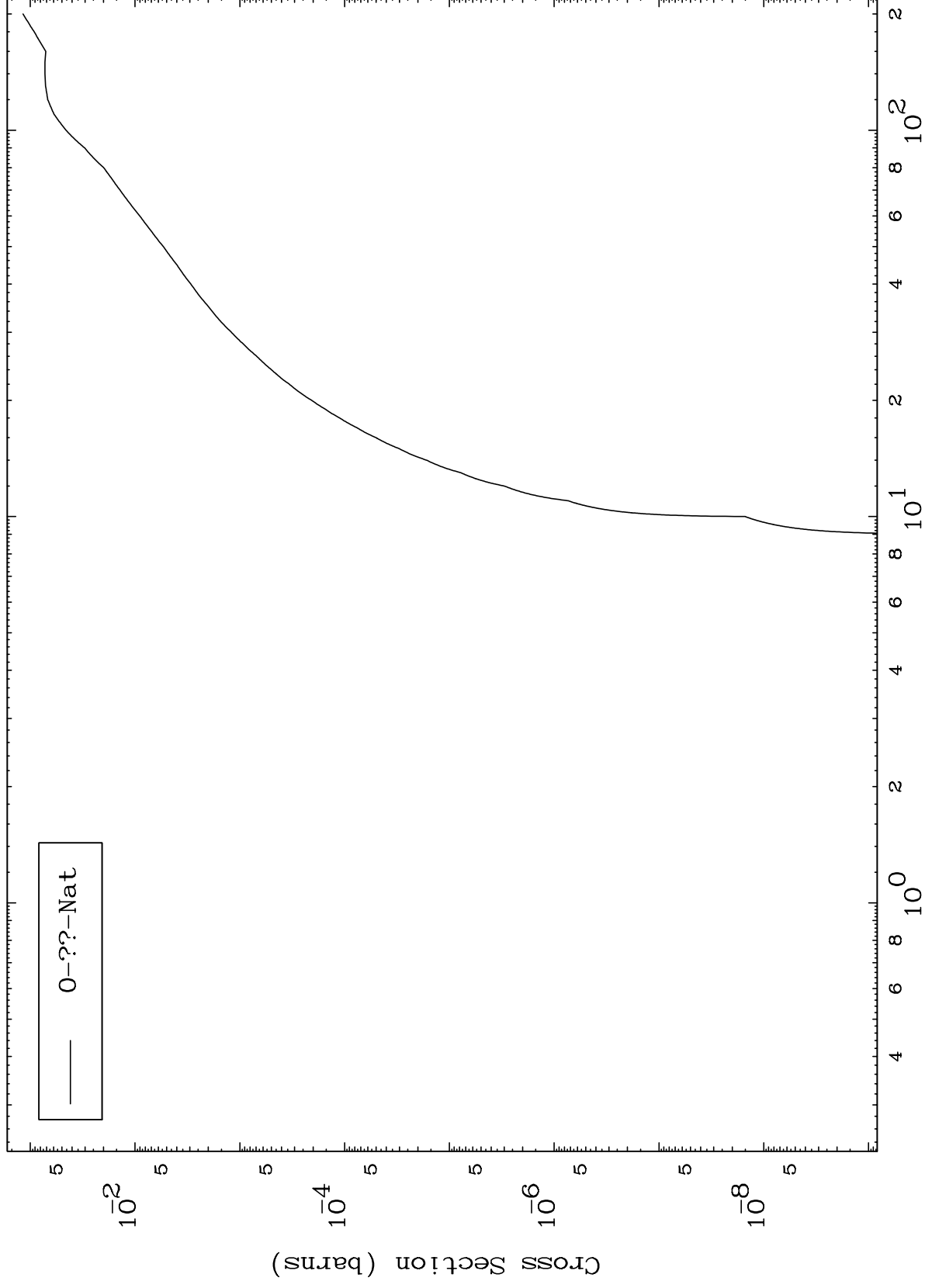


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Fission

⁷⁹Au-196m

Radionuclide Production Cross Section



15

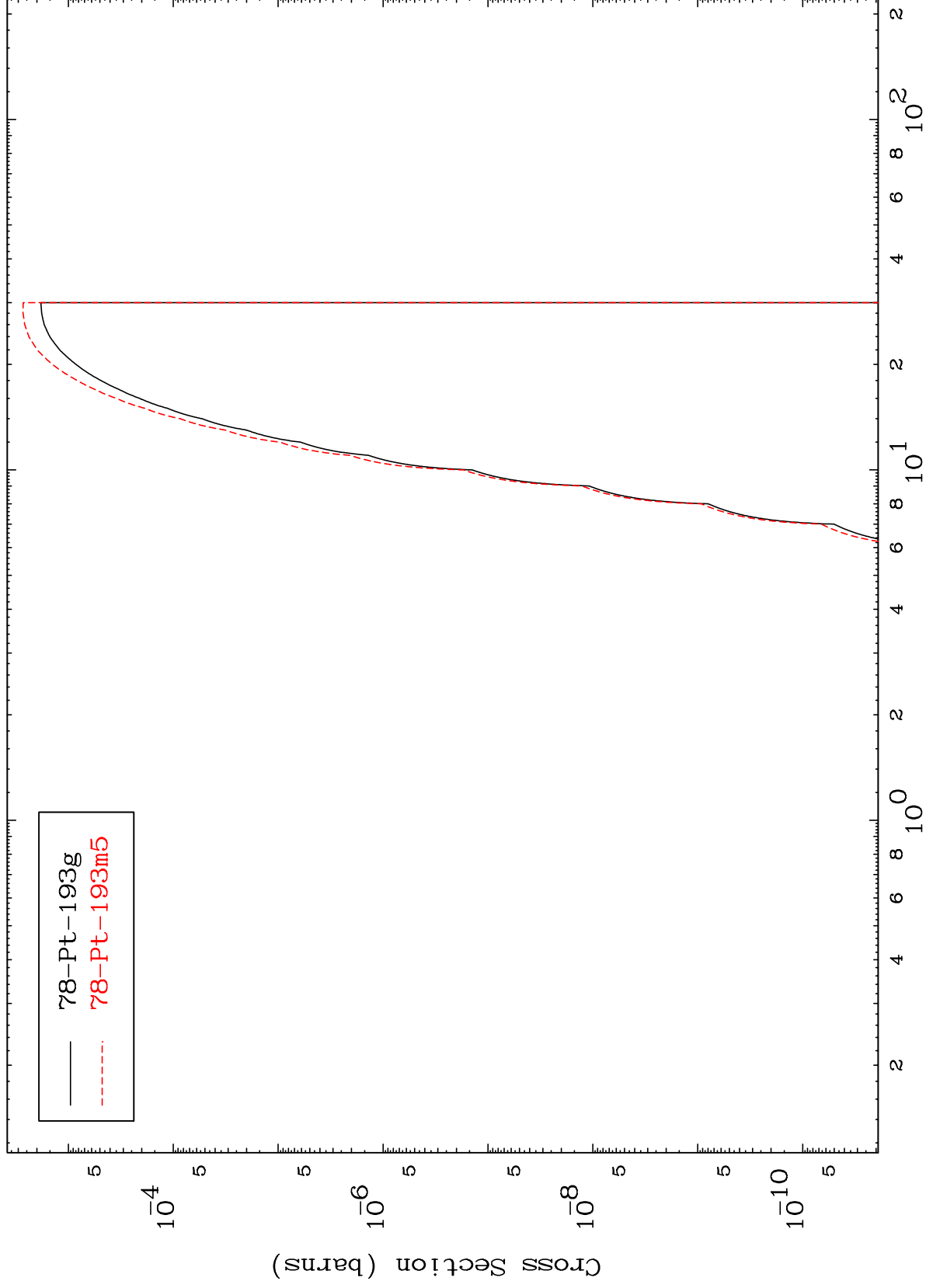
Incident Energy (MeV)

⁷⁹Au-196m

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79-Au-196m

Radionuclide Production Cross Section
(n,n') α

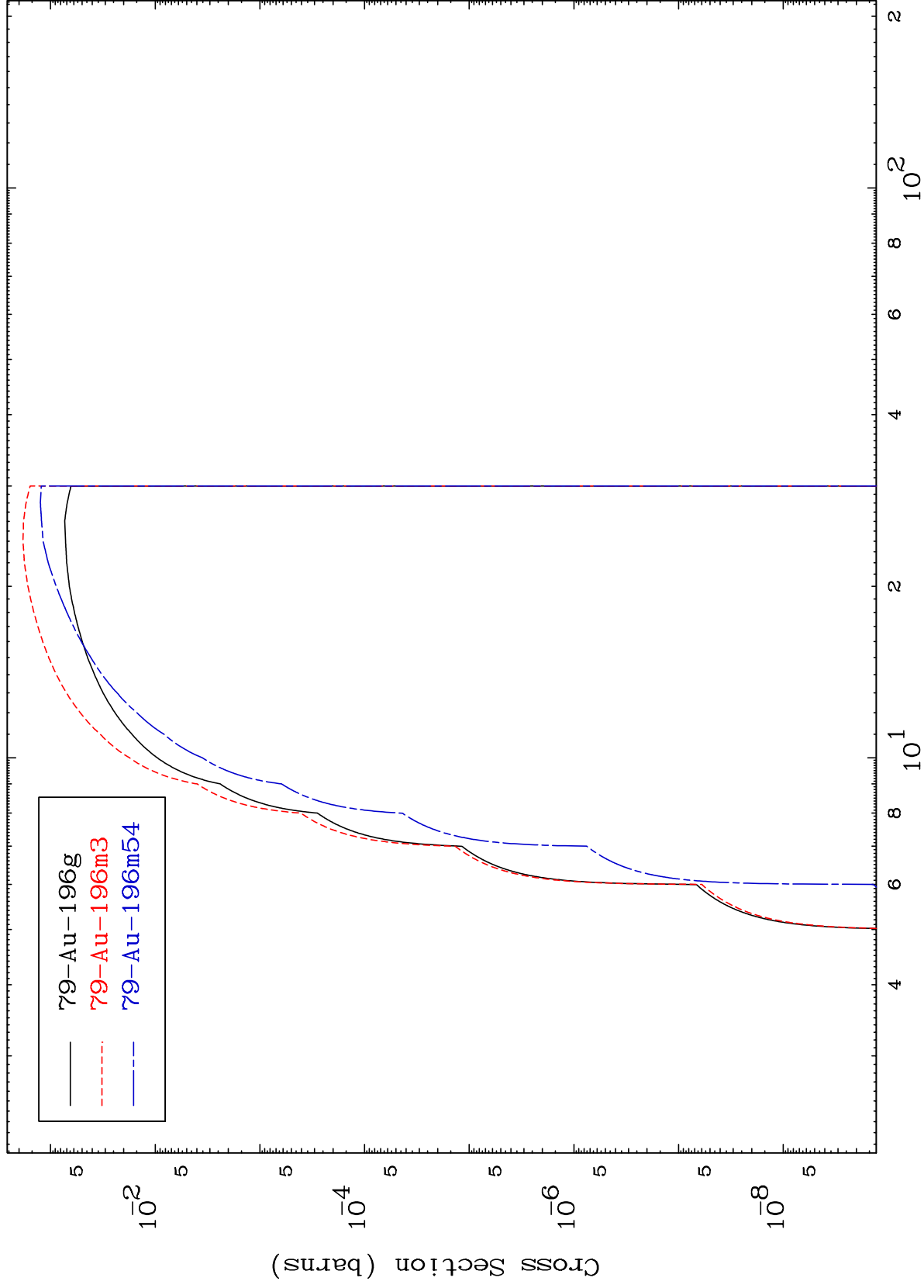


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Incident Energy (MeV)

79-Au-196m

Radionuclide Production Cross Section
(n,n') p

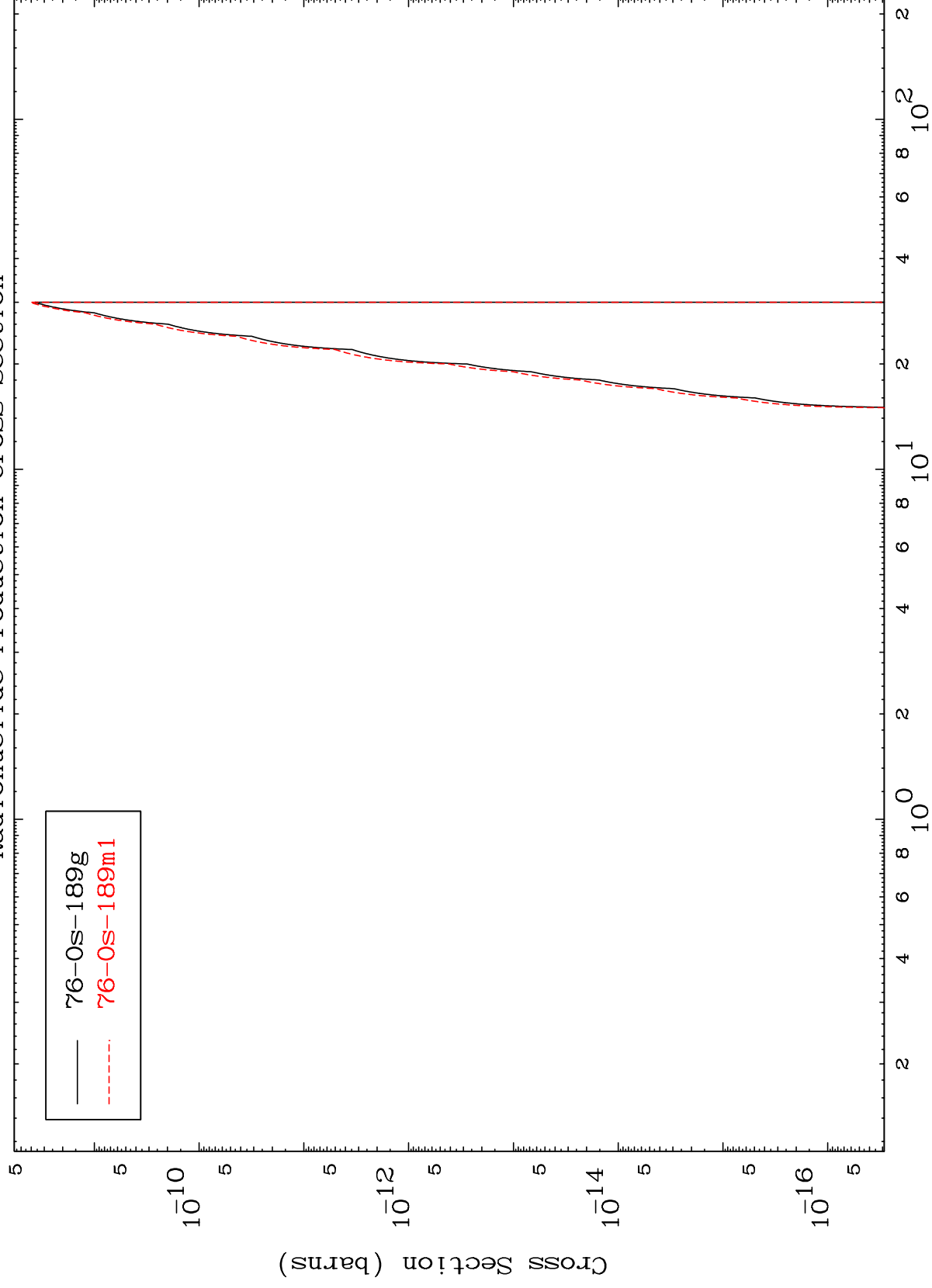


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(n,n') 2 α

⁷⁹Au-196m

Radionuclide Production Cross Section



18

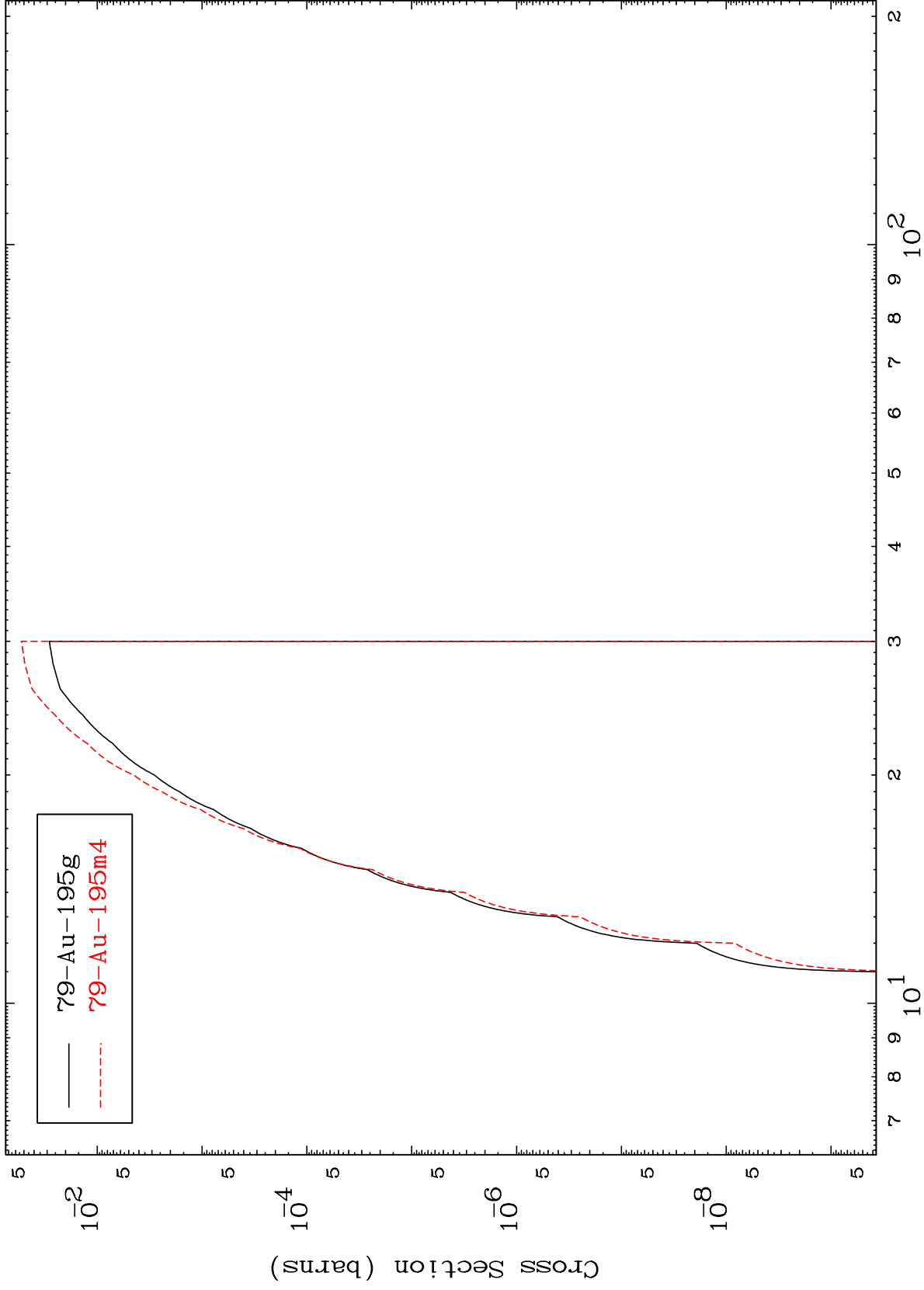
Incident Energy (MeV)

⁷⁹Au-196m

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$^{79}\text{Au-196m}$

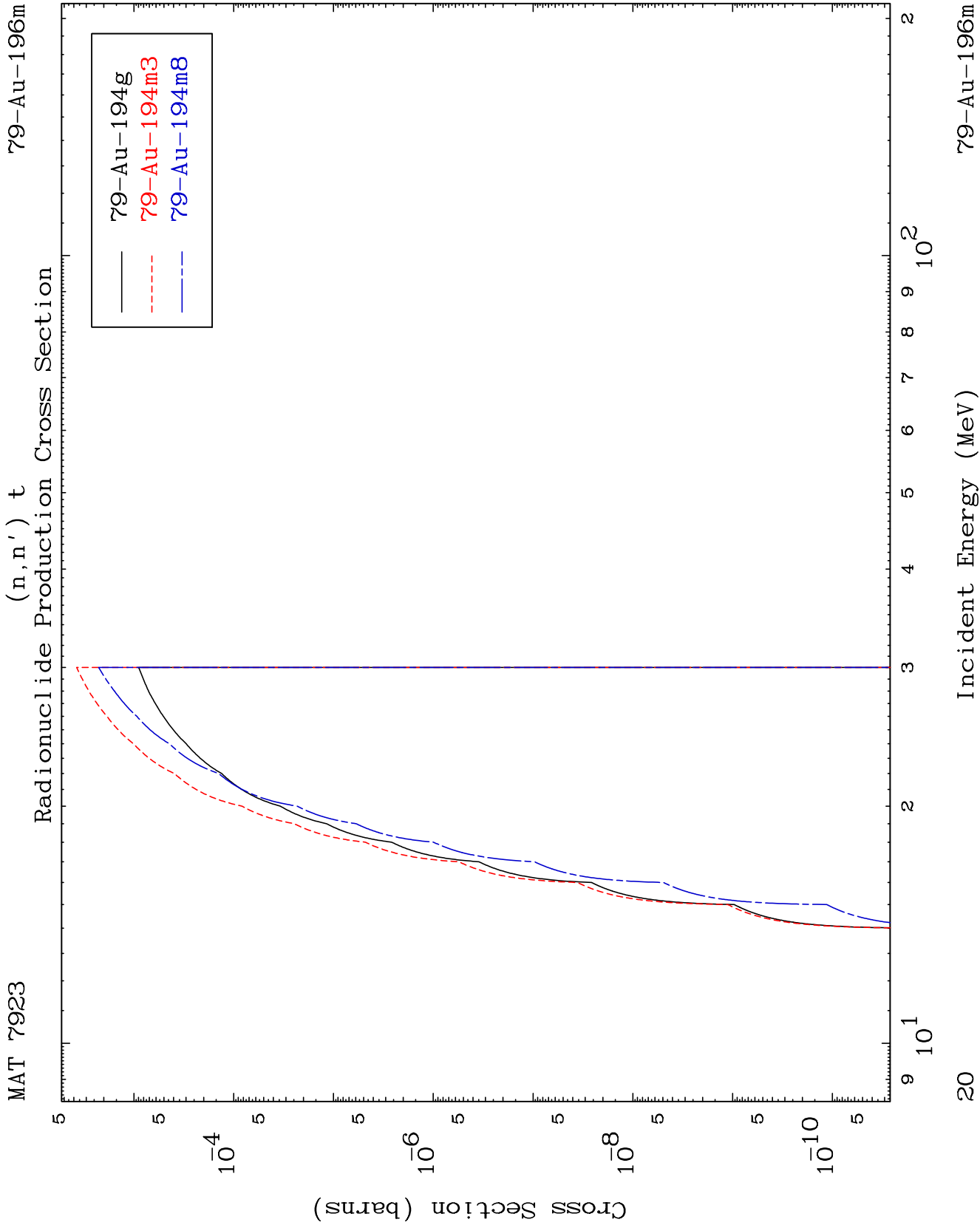
$(n,n')\text{ d}$
Radionuclide Production Cross Section



$^{79}\text{Au-196m}$

Incident Energy (MeV)

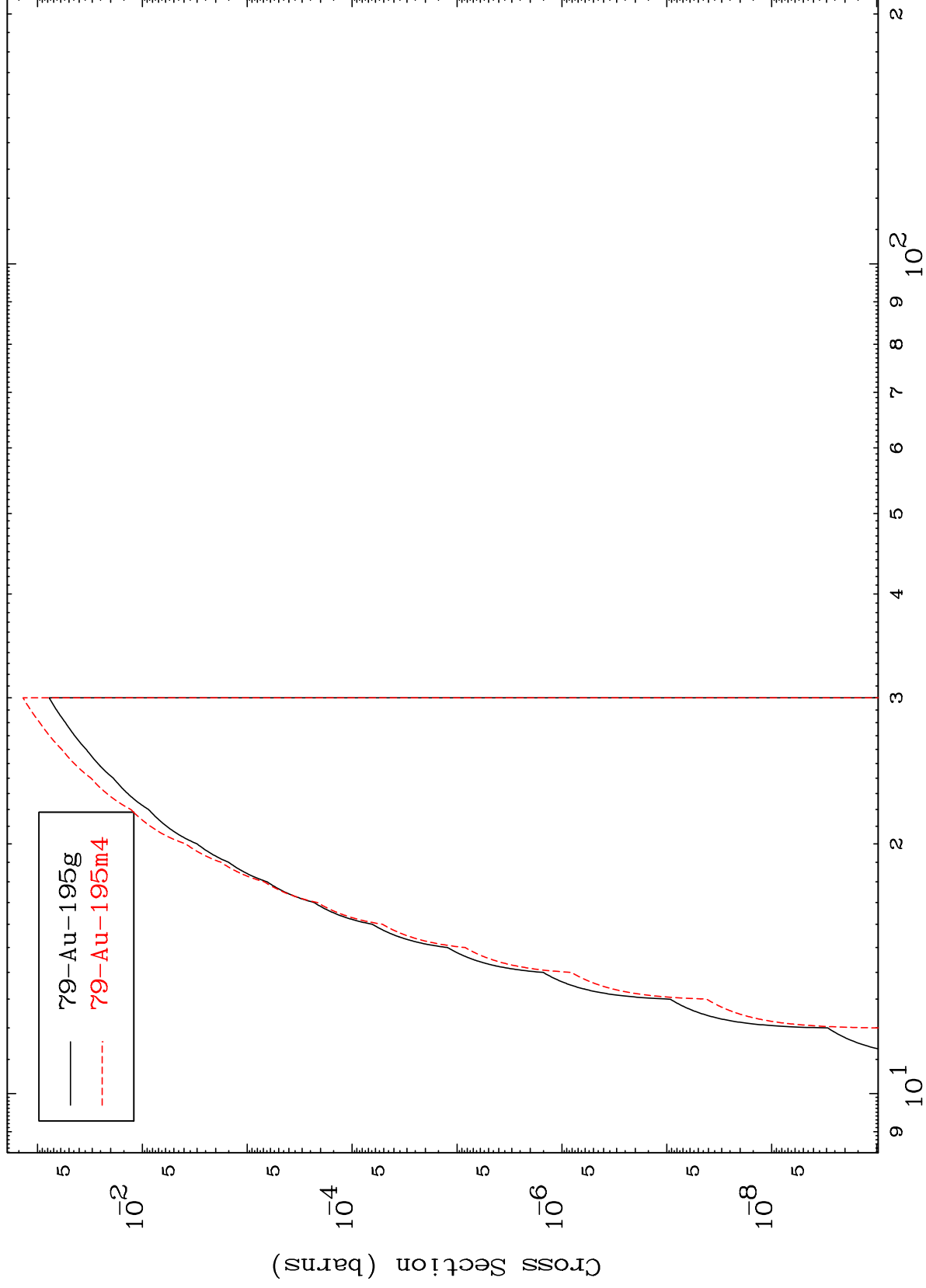
19



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$^{79}\text{Au-196m}$

Radionuclide Production Cross Section



$^{79}\text{Au-196m}$

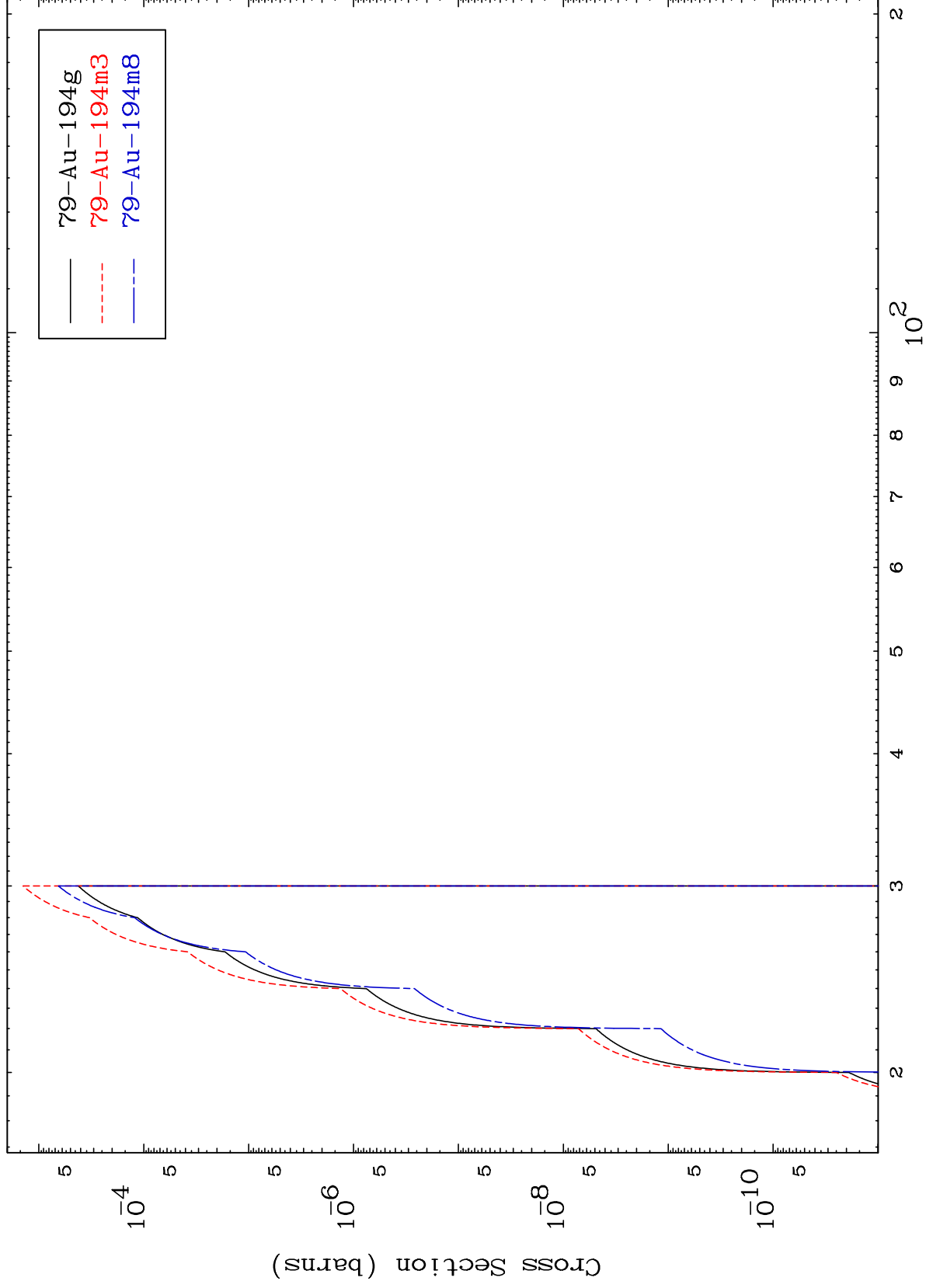
Incident Energy (MeV)

21

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$^{79}\text{Au-196m}$

$(n,3n) \text{ p}$
Radionuclide Production Cross Section



$^{79}\text{Au-196m}$

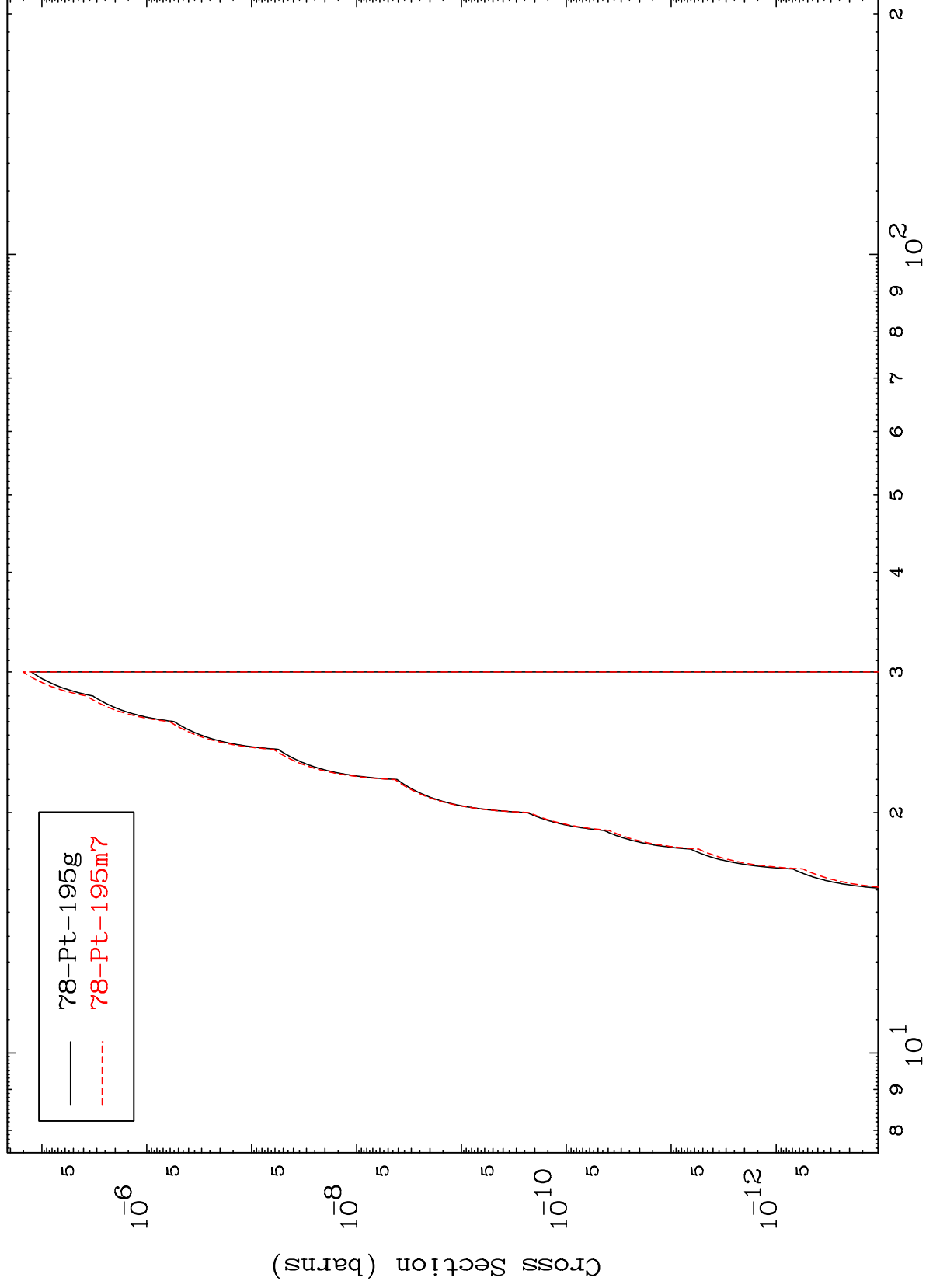
Incident Energy (MeV)

22

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⁷⁹Au-196m

(n,2n) p
Radionuclide Production Cross Section



⁷⁹Au-196m

Incident Energy (MeV)

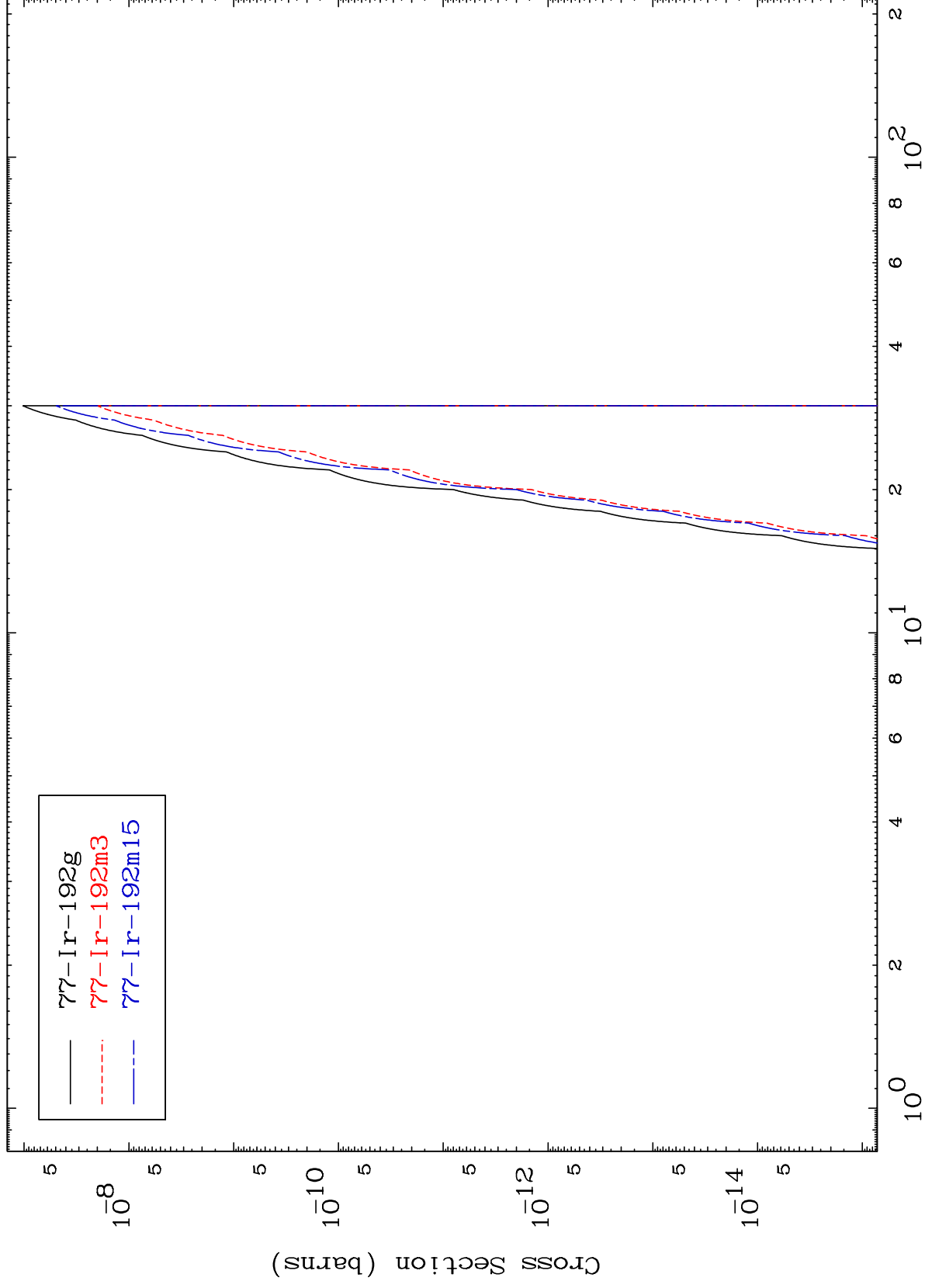
23

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(n,n') p α

$^{79}\text{Au-196m}$

Radionuclide Production Cross Section



24

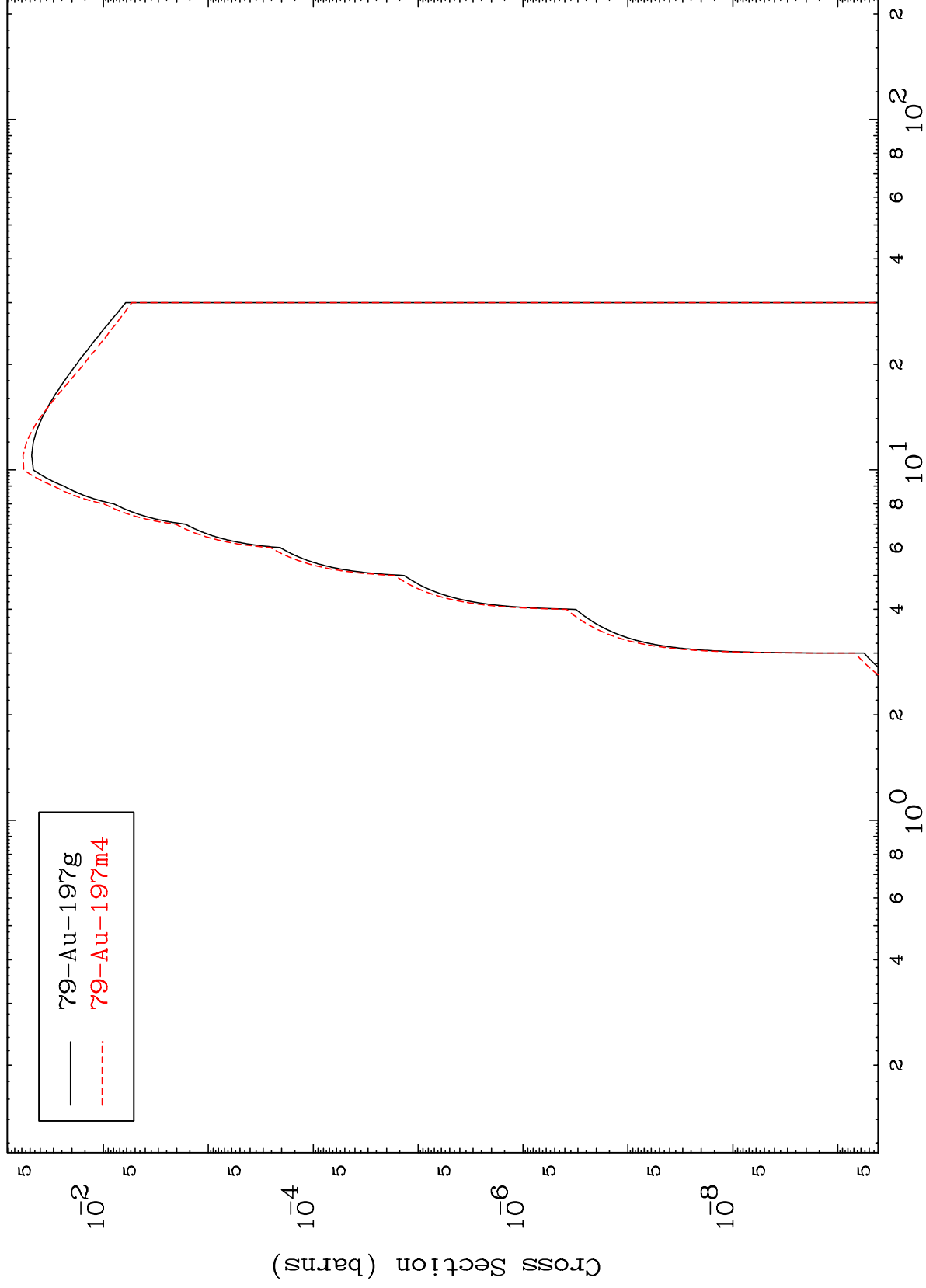
Incident Energy (MeV)

$^{79}\text{Au-196m}$

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$^{79}\text{Au-196m}$

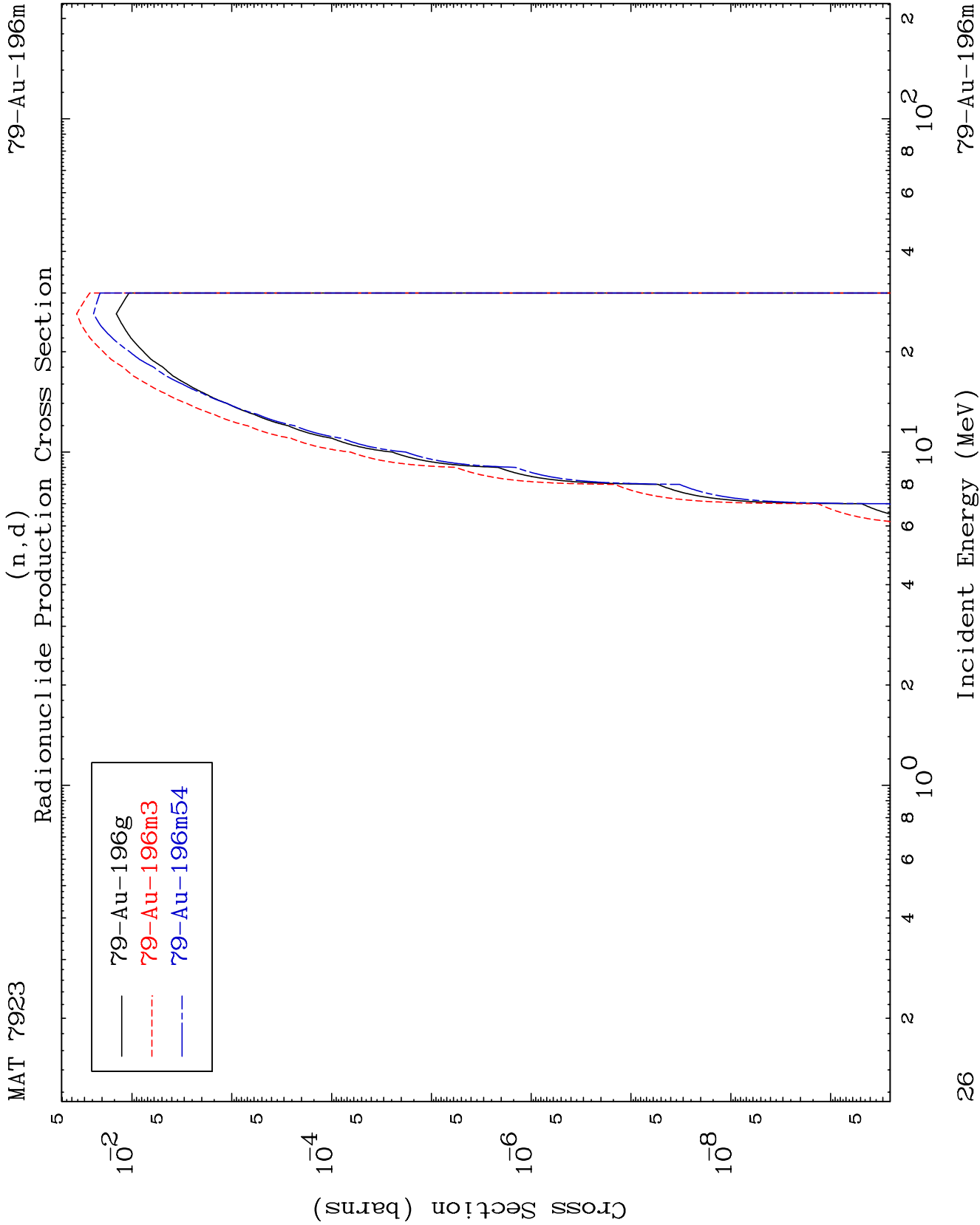
Radionuclide Production Cross Section (n,p)

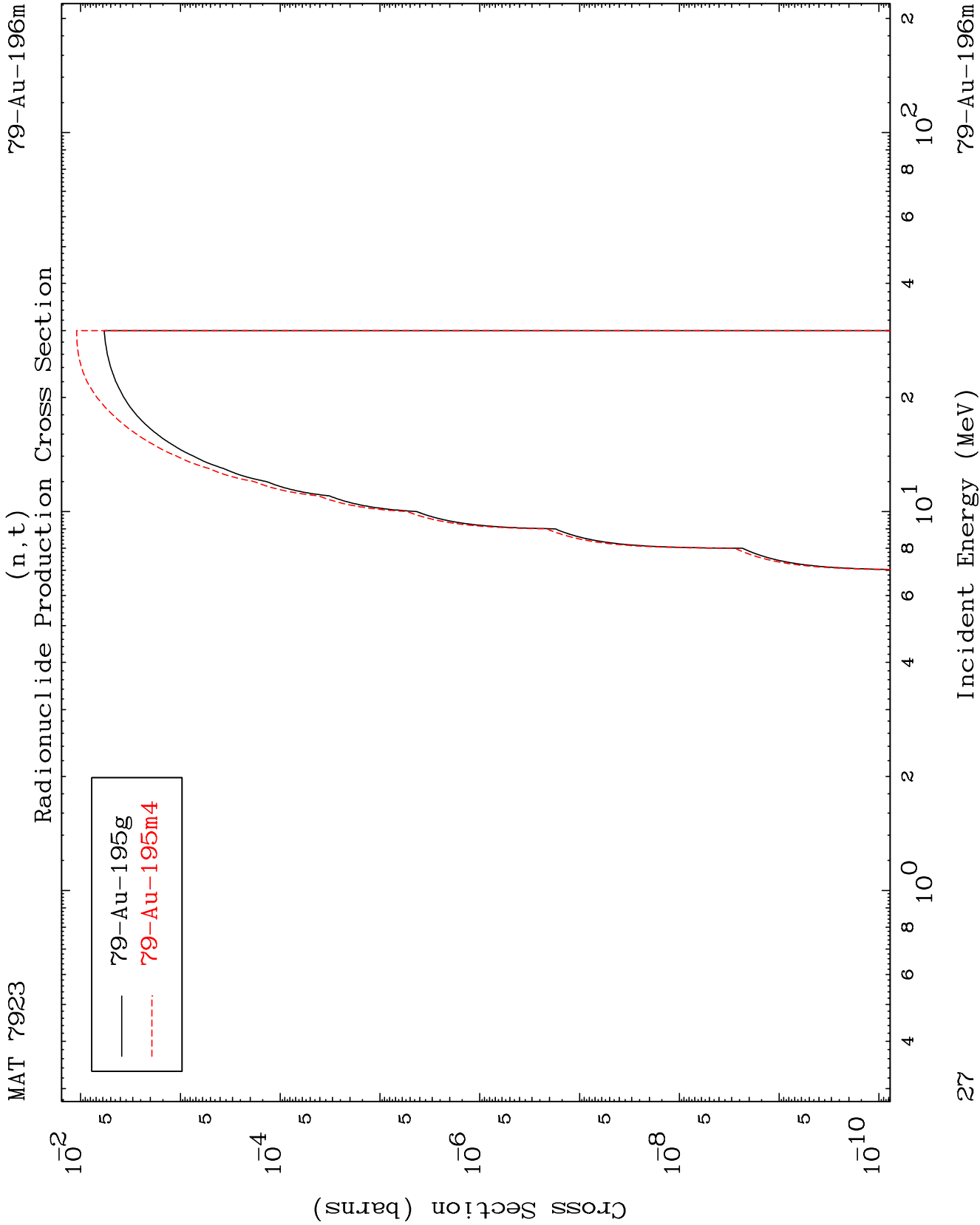


25

$^{79}\text{Au-196m}$

Incident Energy (MeV)



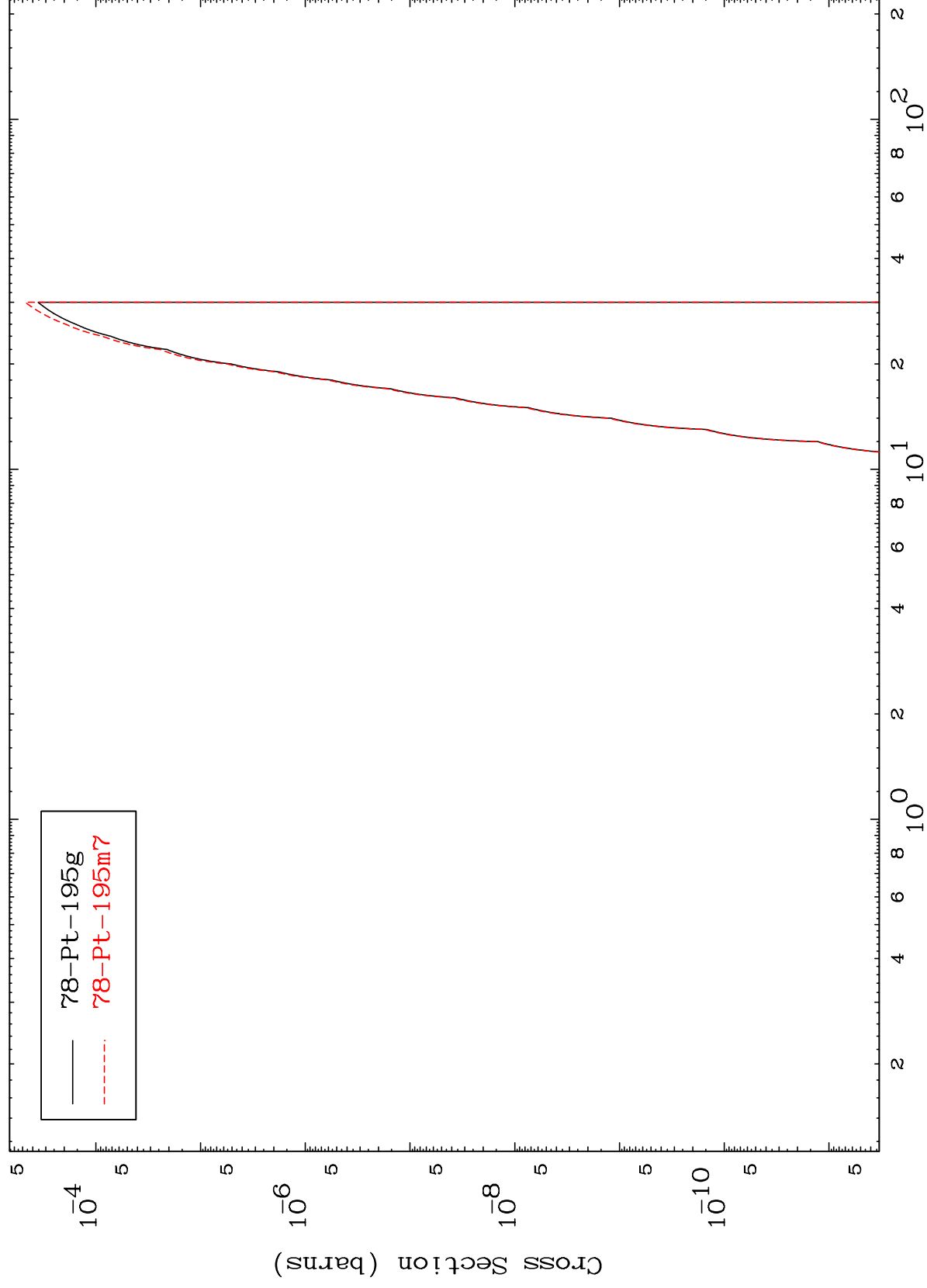


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(n,He-3)

79-Au-196m

Radionuclide Production Cross Section



28

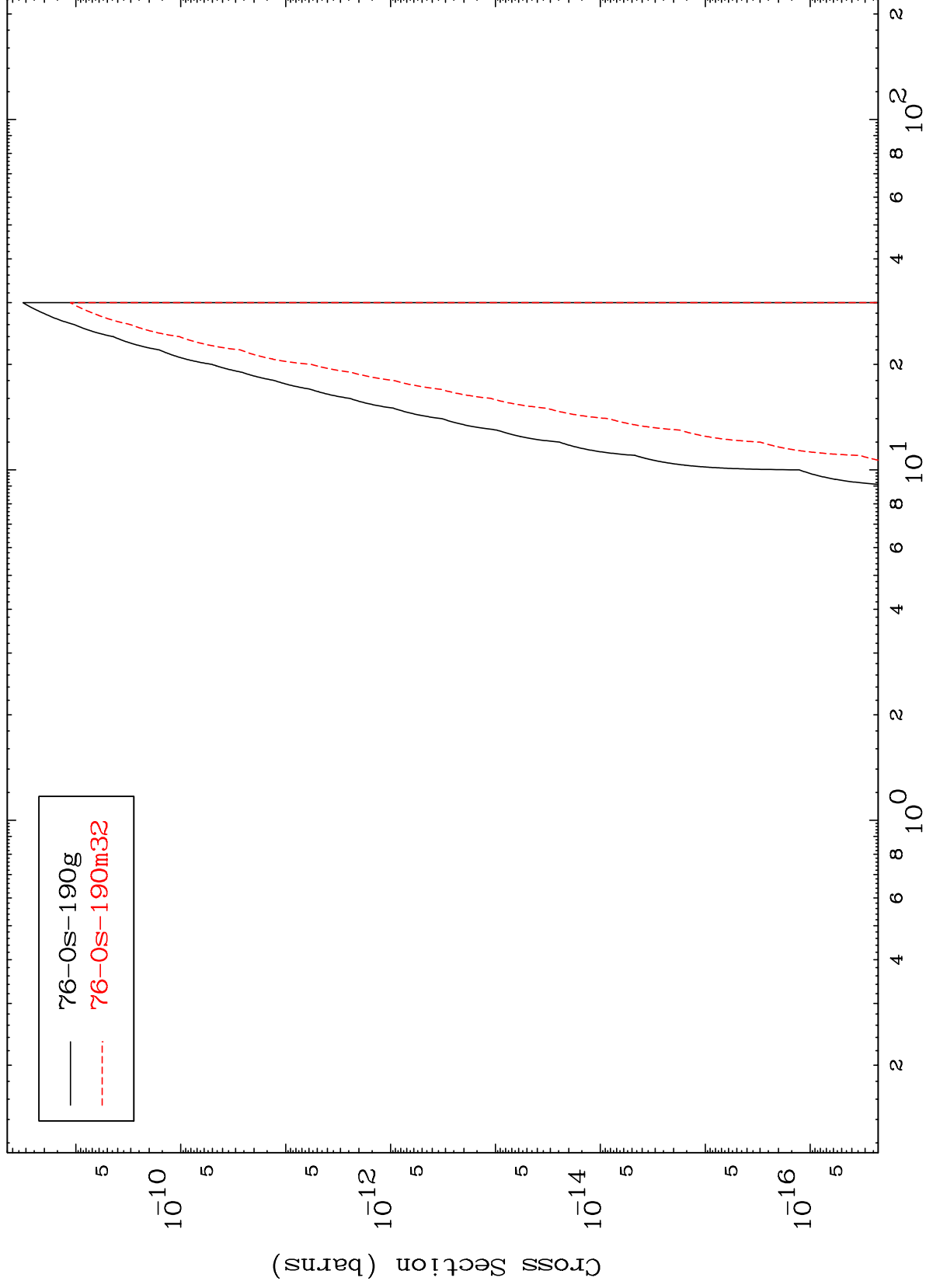
Incident Energy (MeV)

79-Au-196m

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79-Au-196m

Radionuclide Production Cross Section
(n,2α)



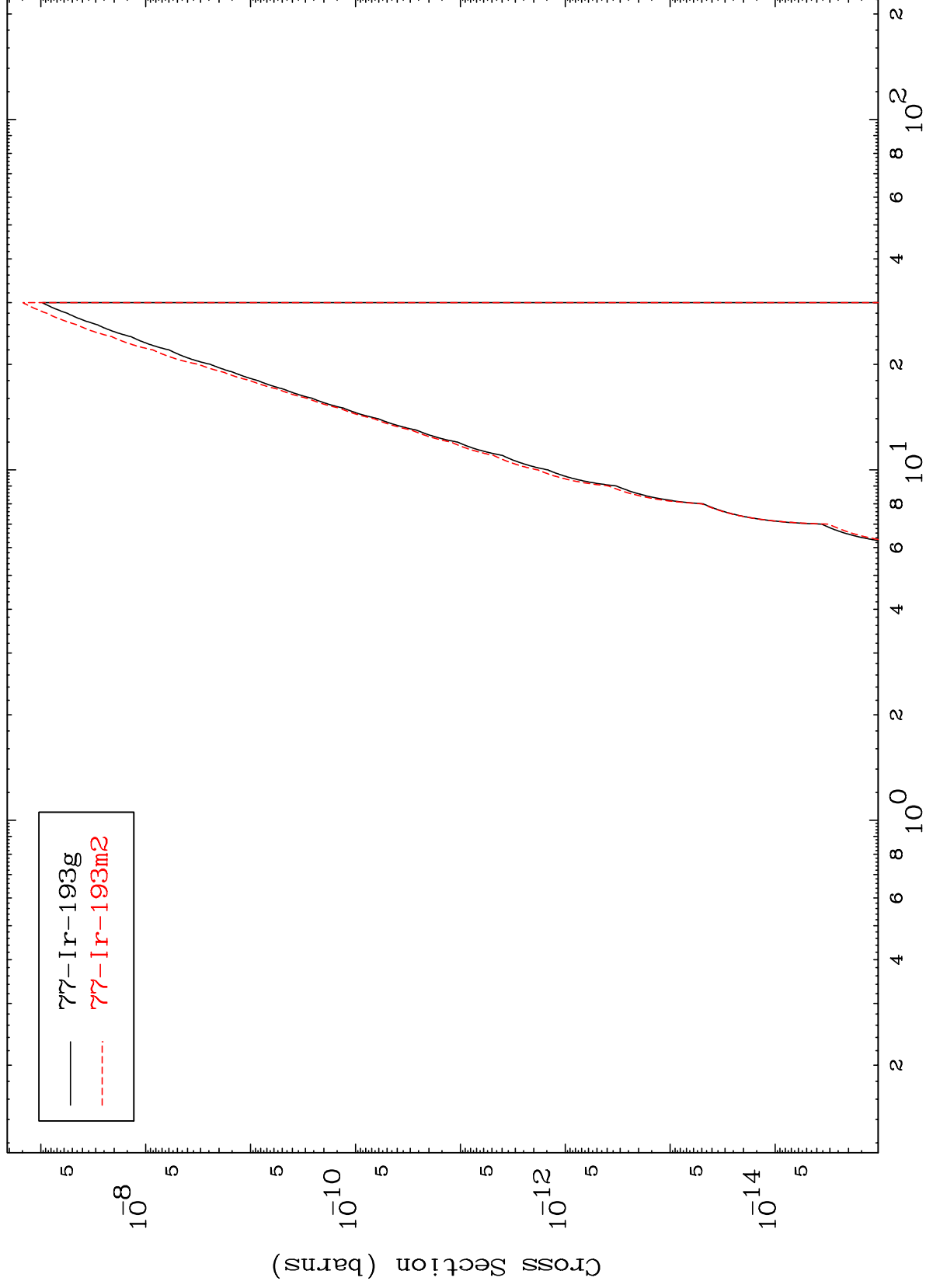
29

79-Au-196m

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$^{79}\text{Au-196m}$

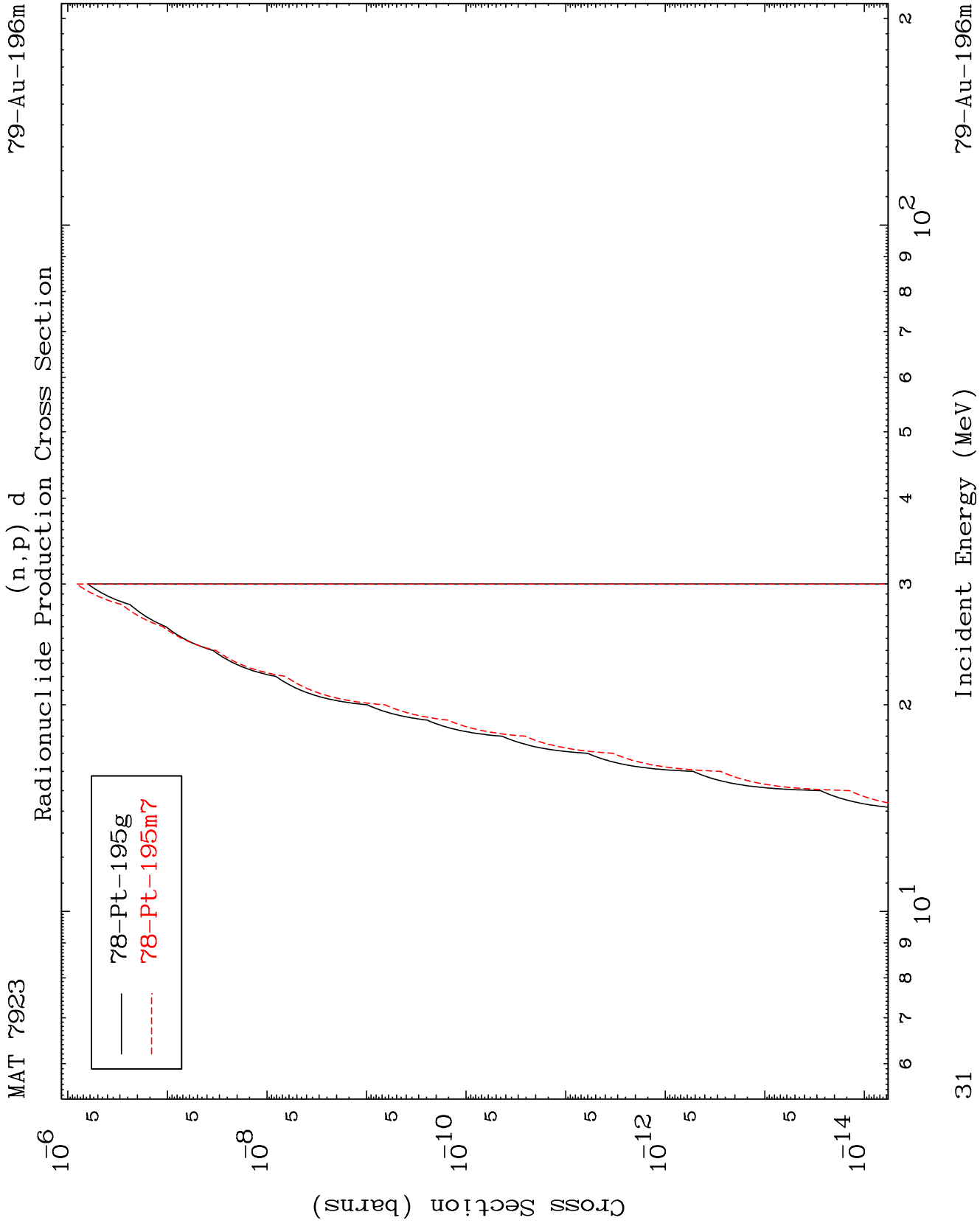
$(n,p) \alpha$
Radionuclide Production Cross Section



30

Incident Energy (MeV)

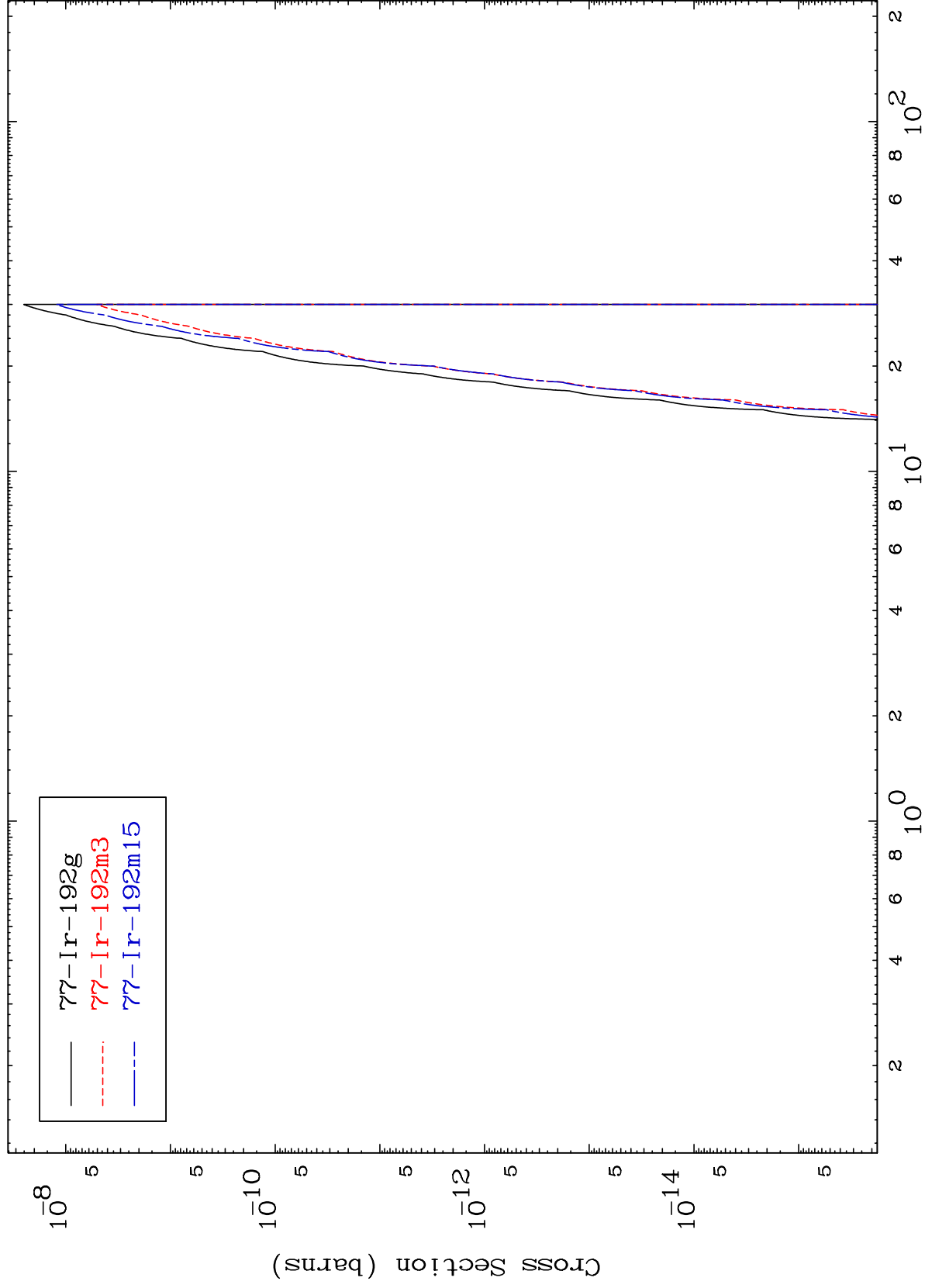
$^{79}\text{Au-196m}$



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$^{79}\text{Au-196m}$

Radionuclide Production Cross Section
(n,d) α



32

Incident Energy (MeV)

$^{79}\text{Au-196m}$