

Program EVALPLOT
(Version 2021-1)

by

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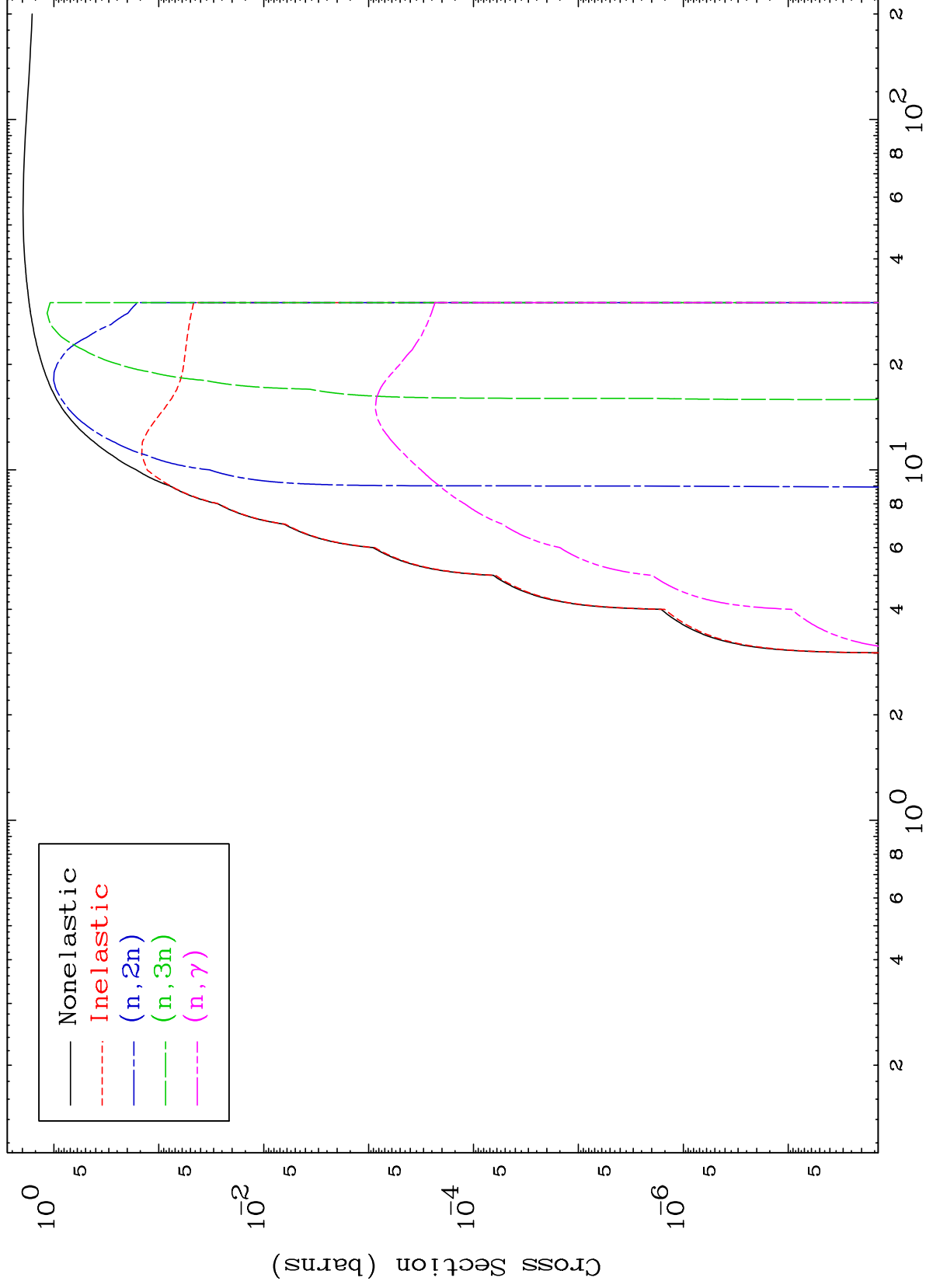
Press Mouse Button to Start

MAT 7923

Proton Major

79-Au-196m

0 Kelvin Cross Sections



1

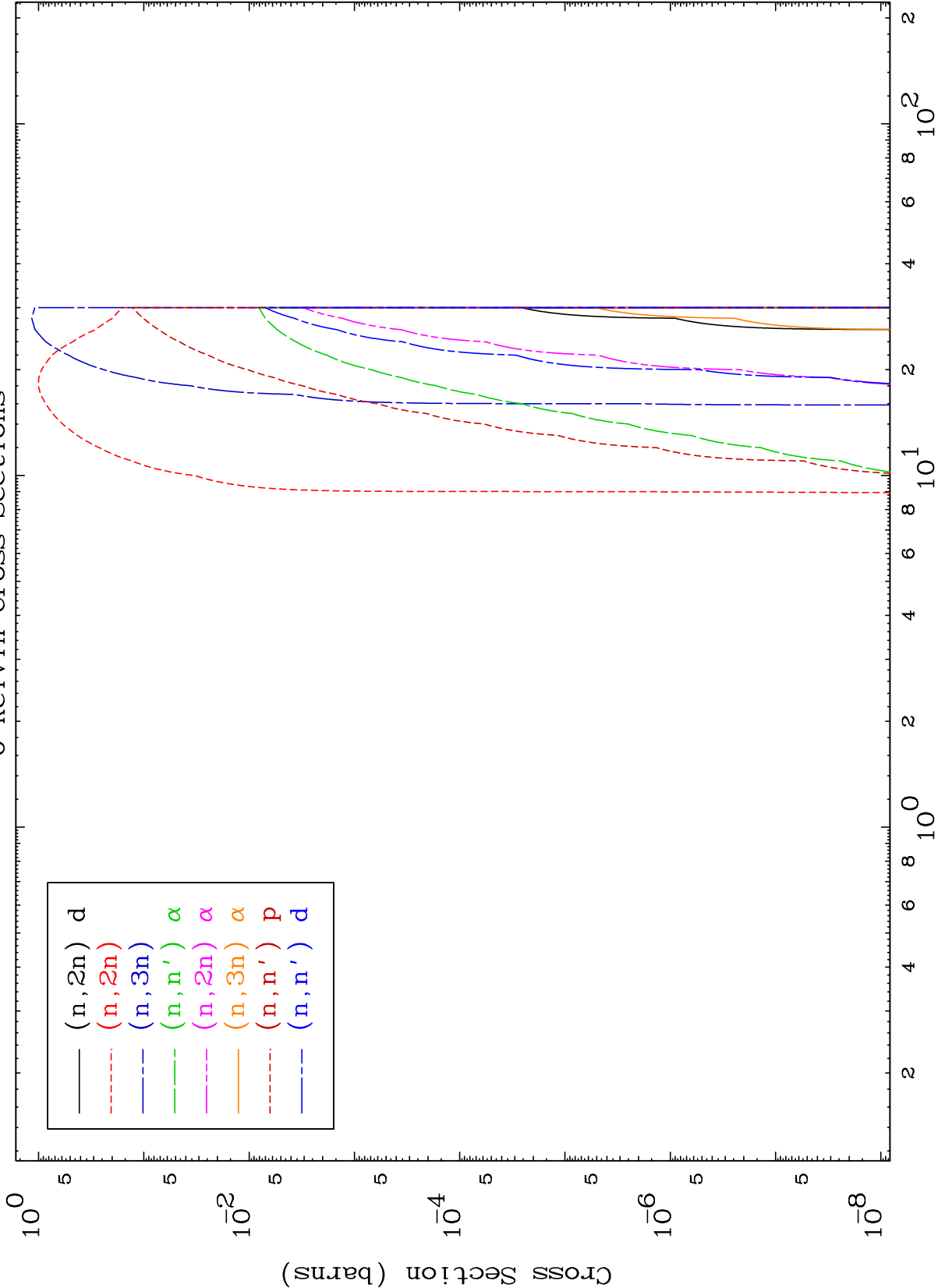
Incident Energy (MeV)

79-Au-196m

MAT 7923

Proton Neutron Absorption
0 Kelvin Cross Sections

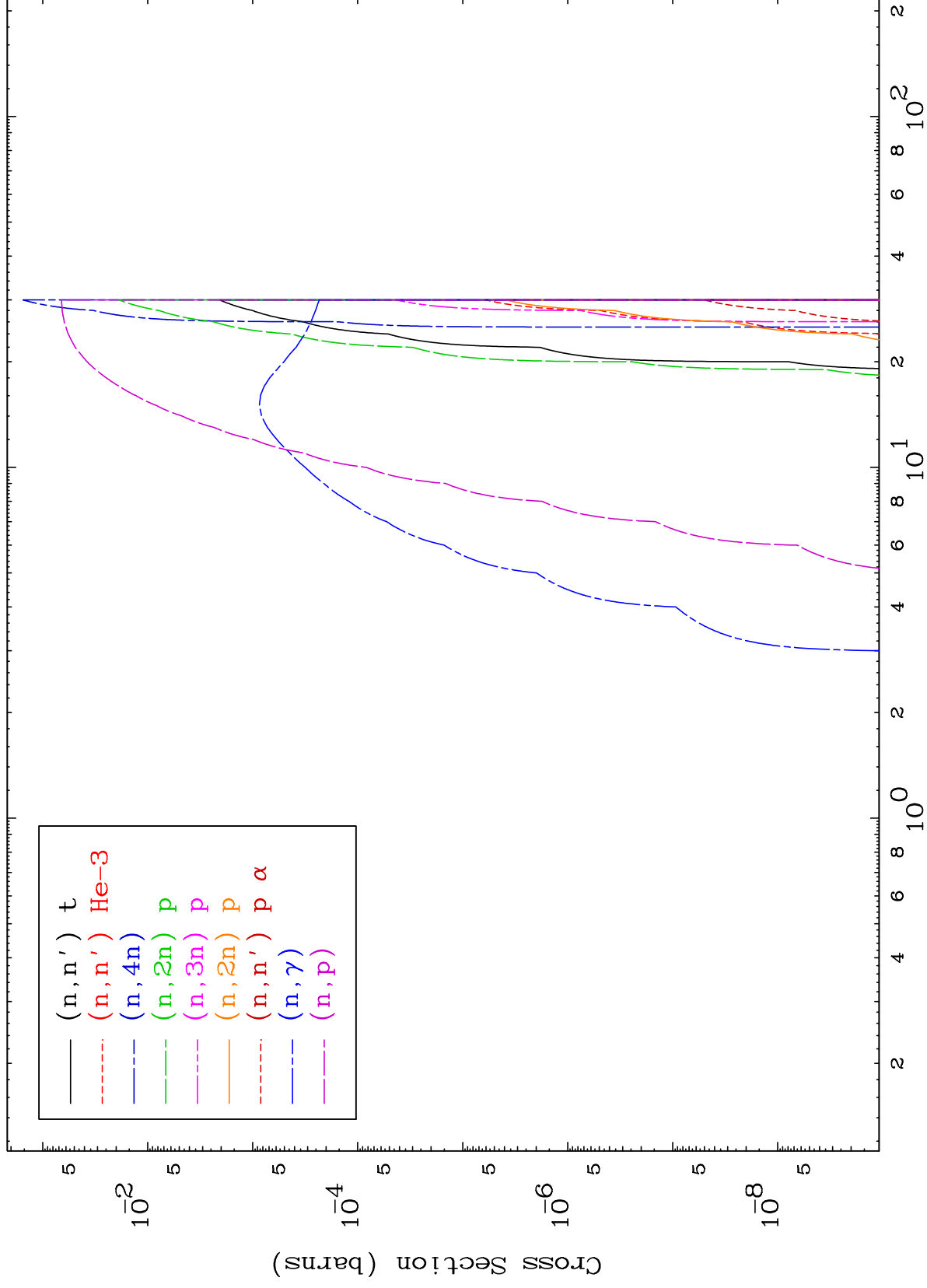
⁷⁹Au-196m

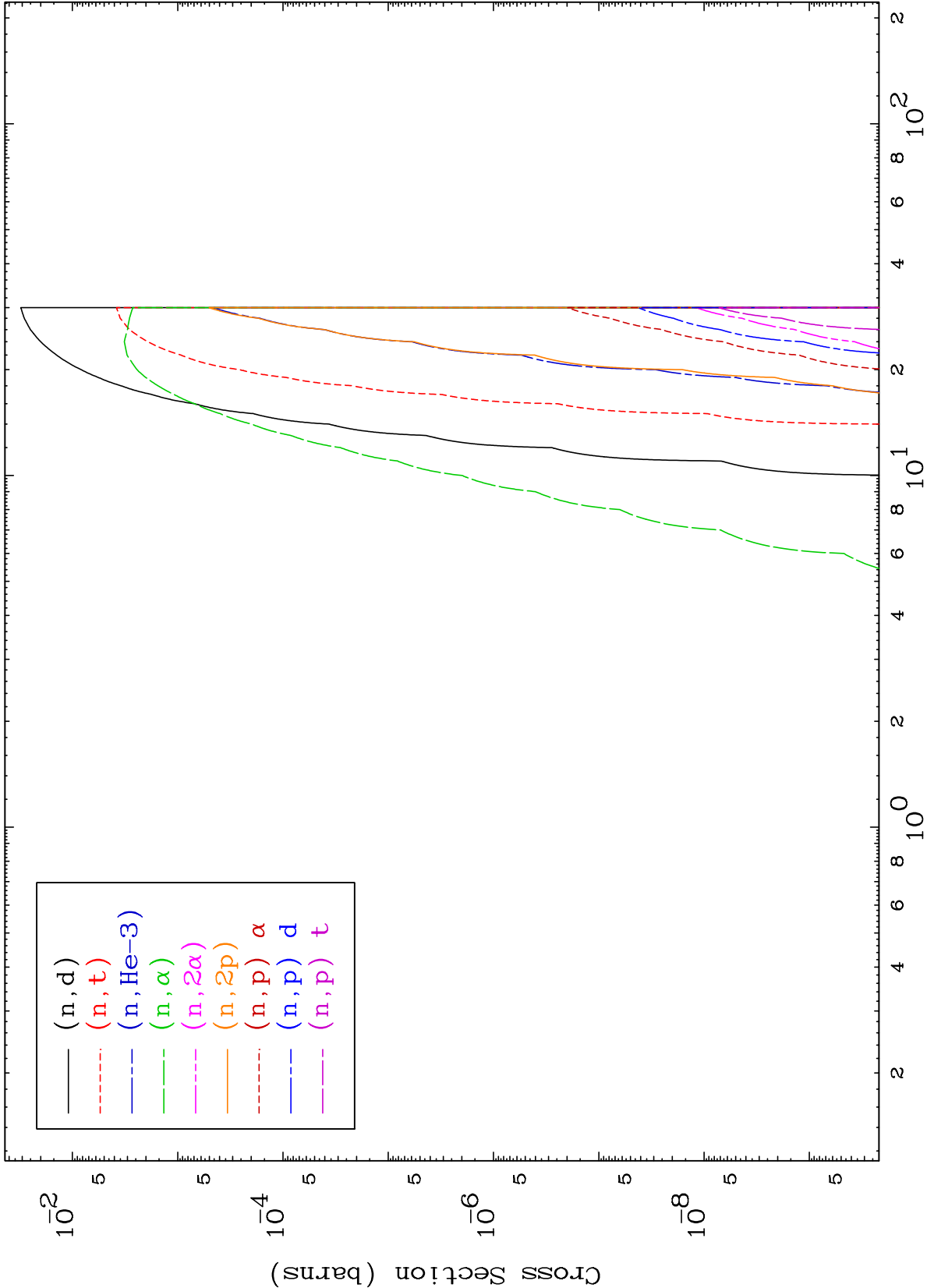


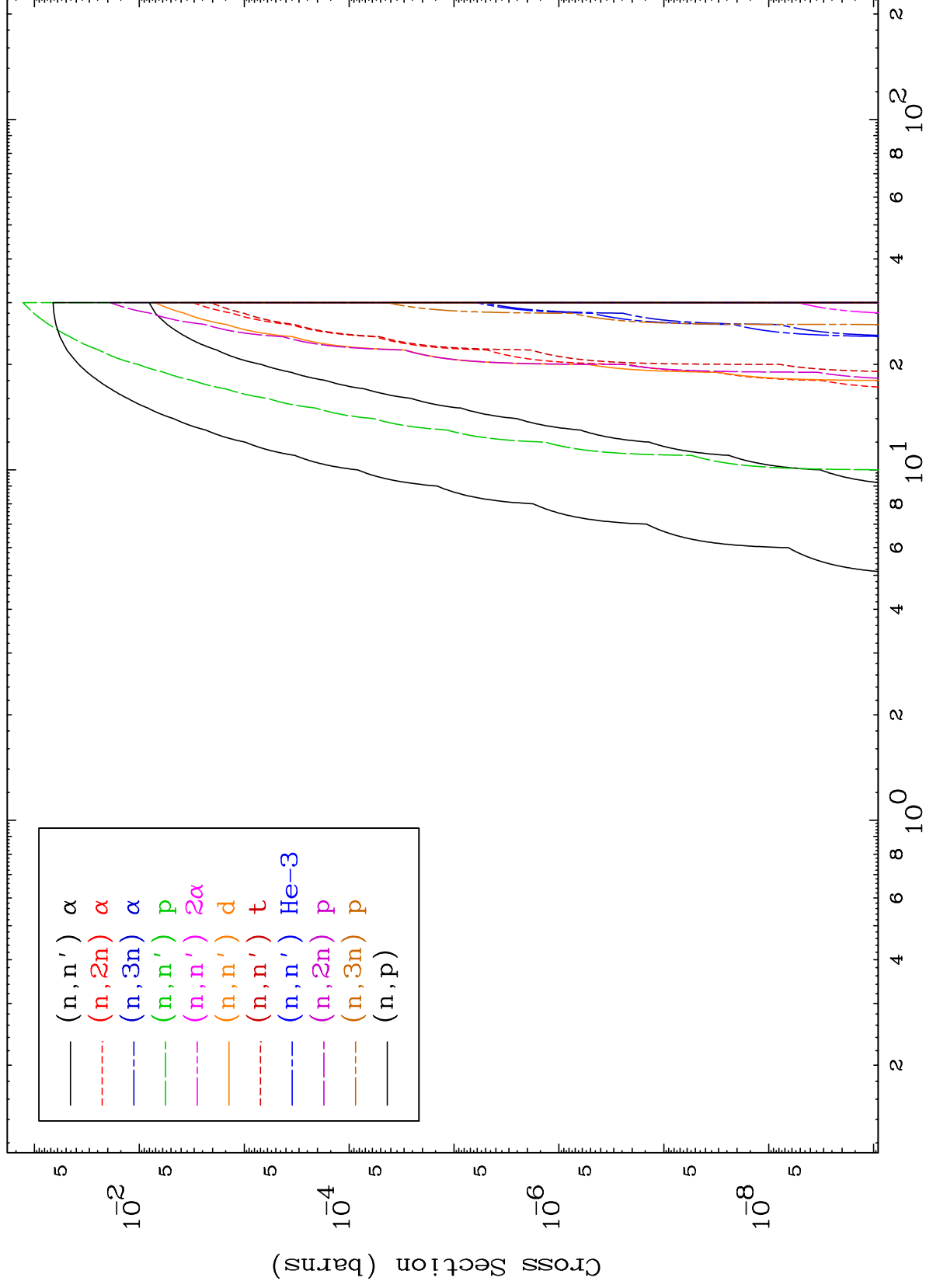
MAT 7923

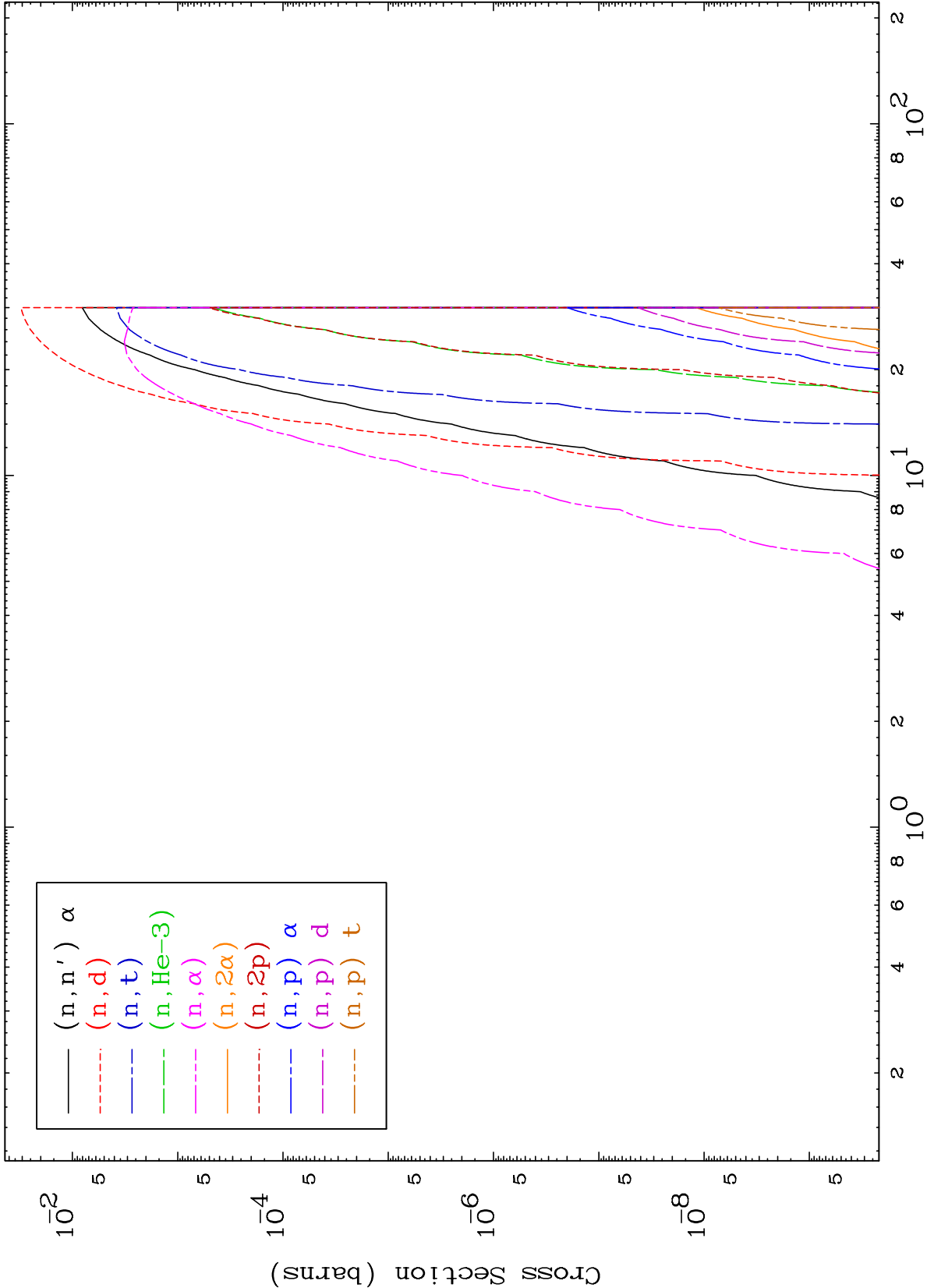
Proton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-196m





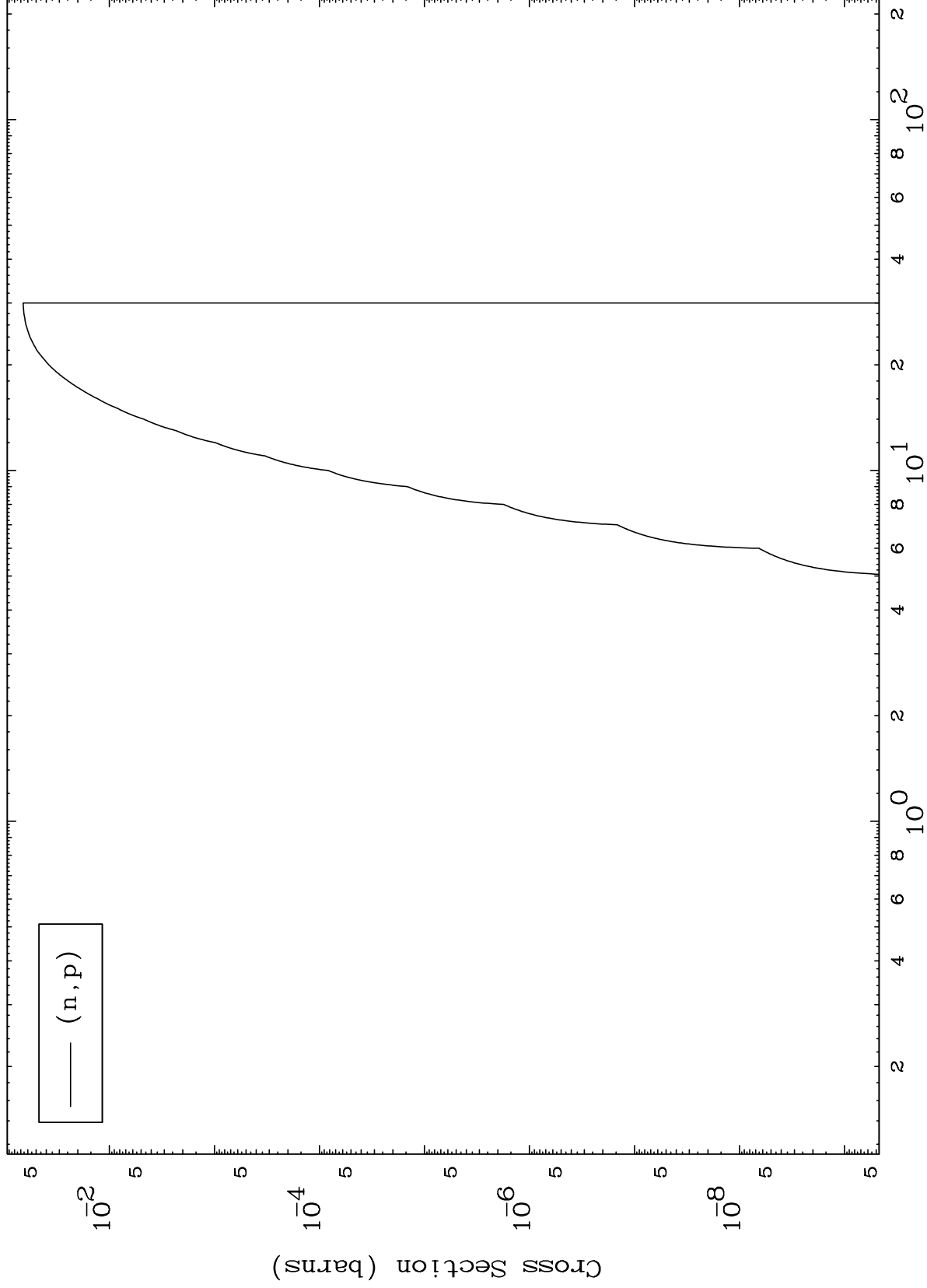




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79-Au-196m

(p,p) Levels
0 Kelvin Cross Sections



79-Au-196m

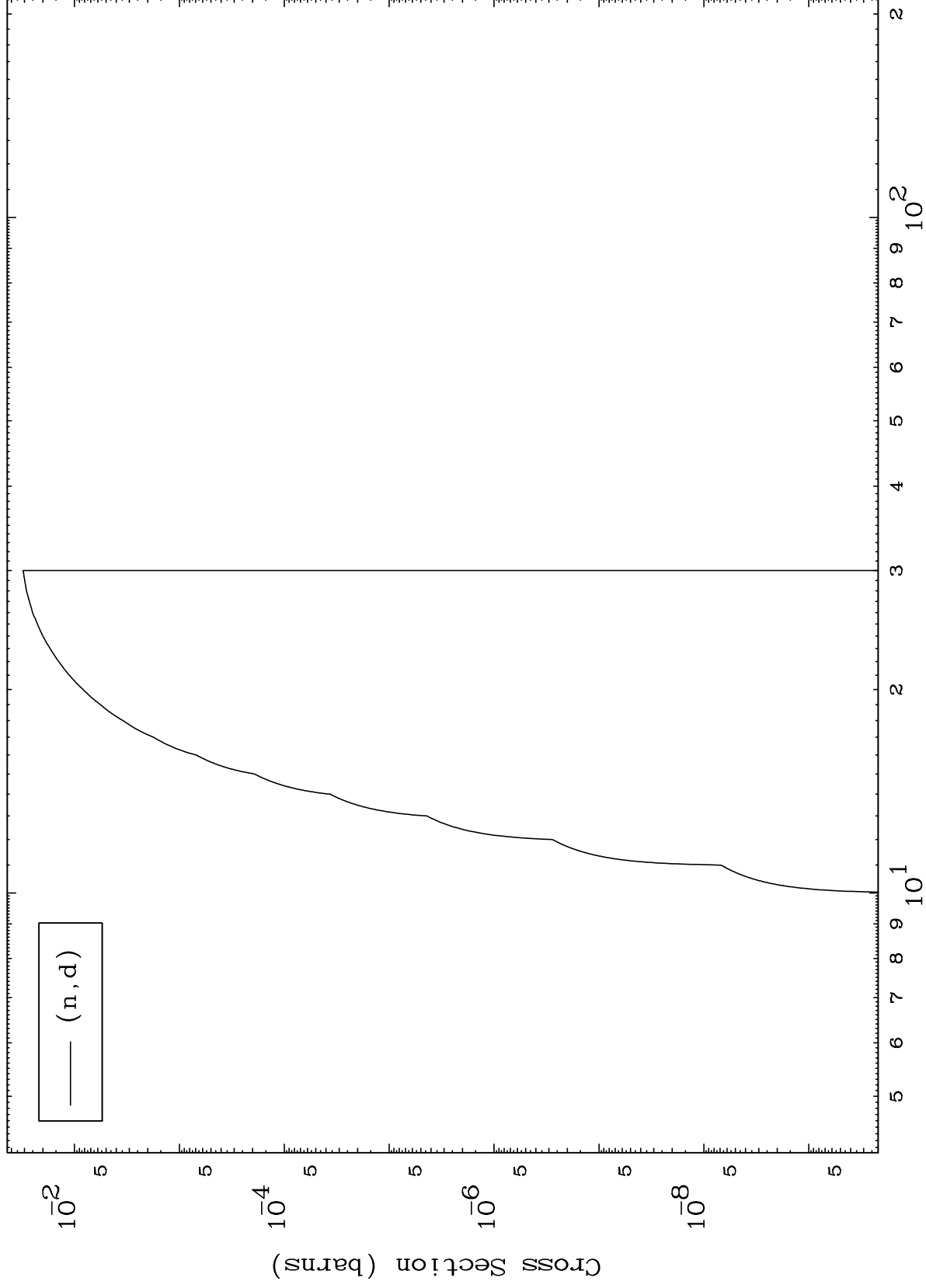
Incident Energy (MeV)

7

MAT 7923

79-Au-196m

(p,d) Levels
0 Kelvin Cross Sections



8

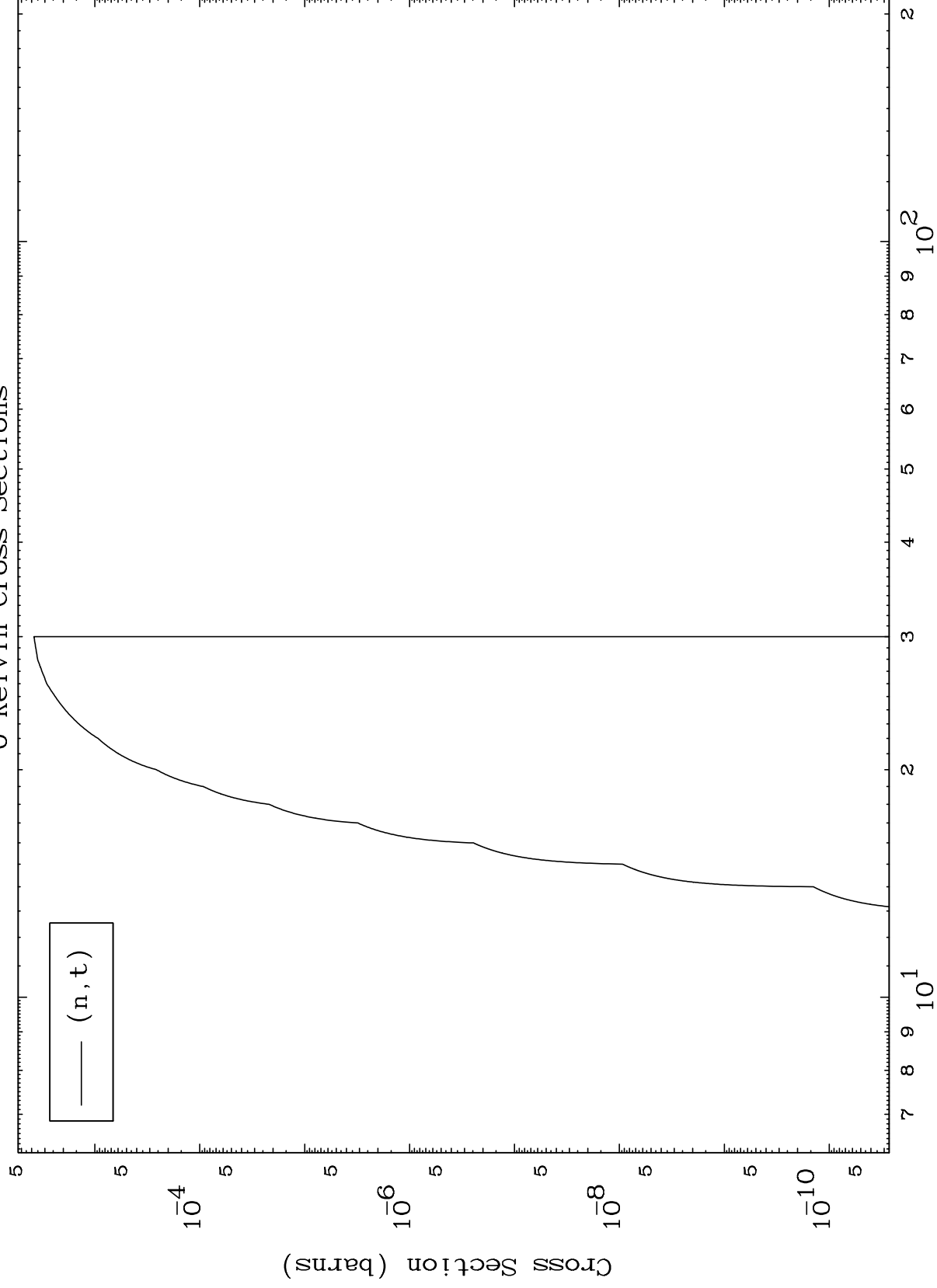
Incident Energy (MeV)

79-Au-196m

MAT 7923

79-Au-196m

(p,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

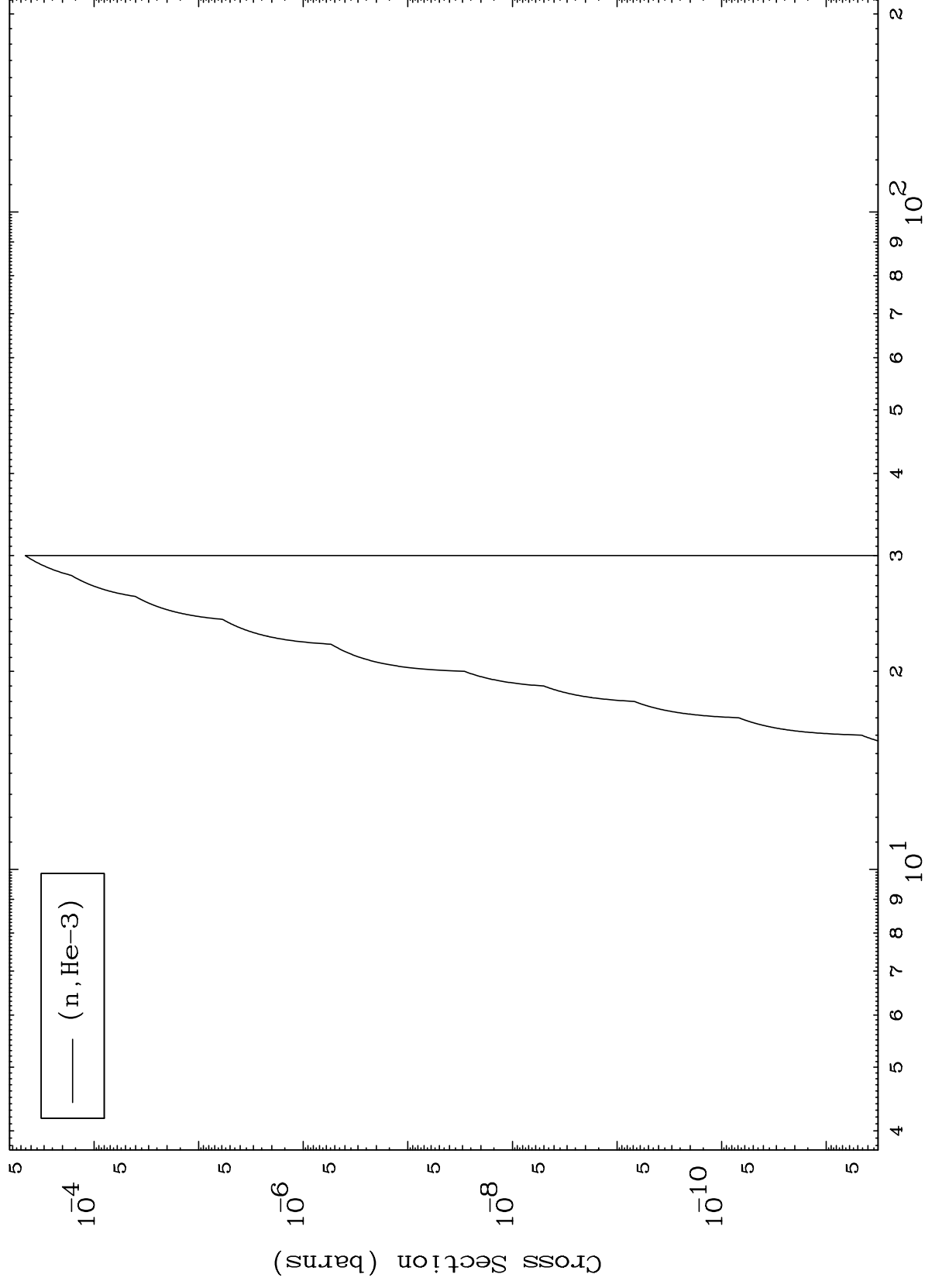
79-Au-196m

MAT 7923

(p, He3) Levels

79-Au-196m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

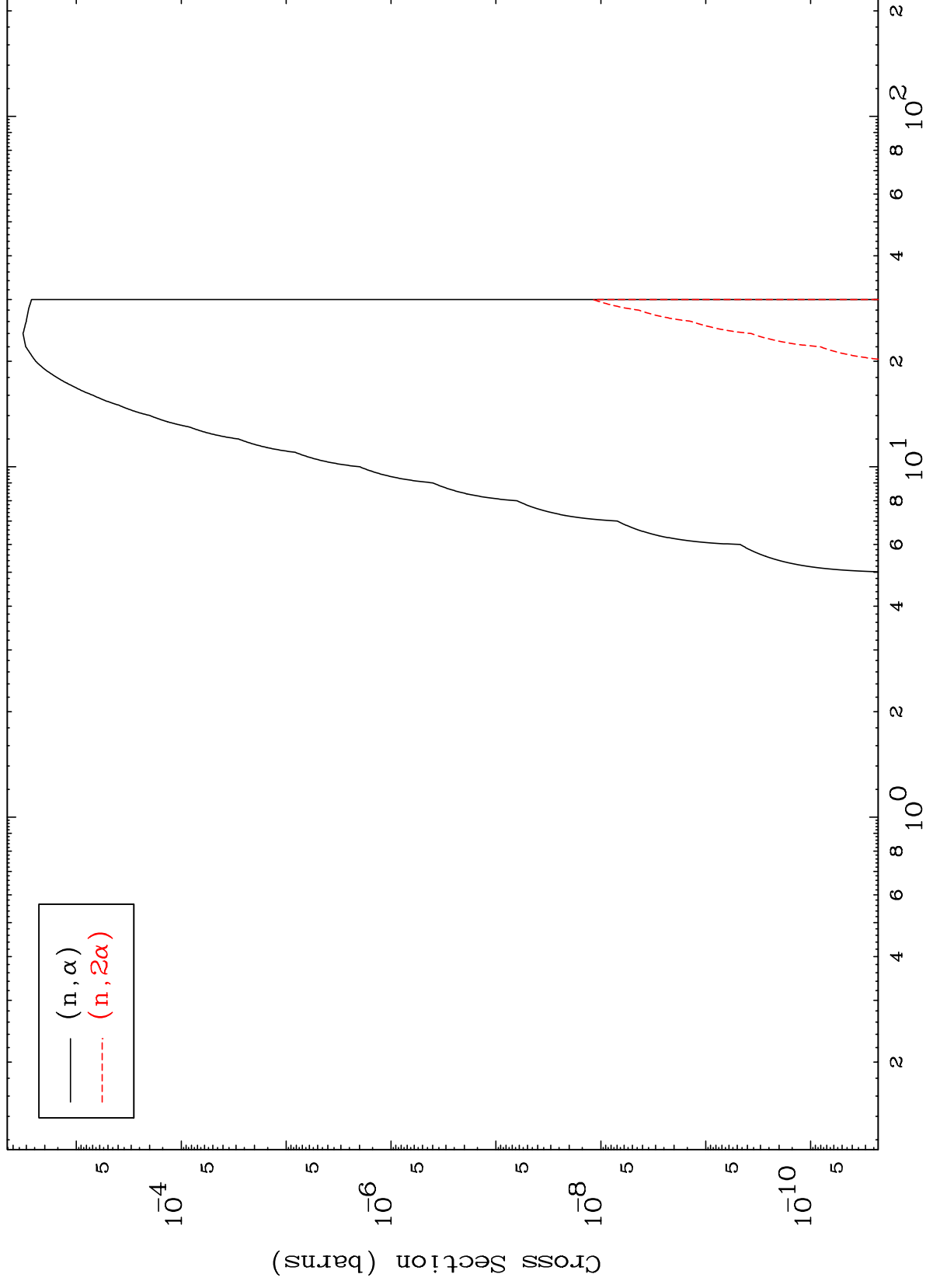
79-Au-196m

MAT 7923

(p, α) Levels

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

0 Kelvin Cross Sections

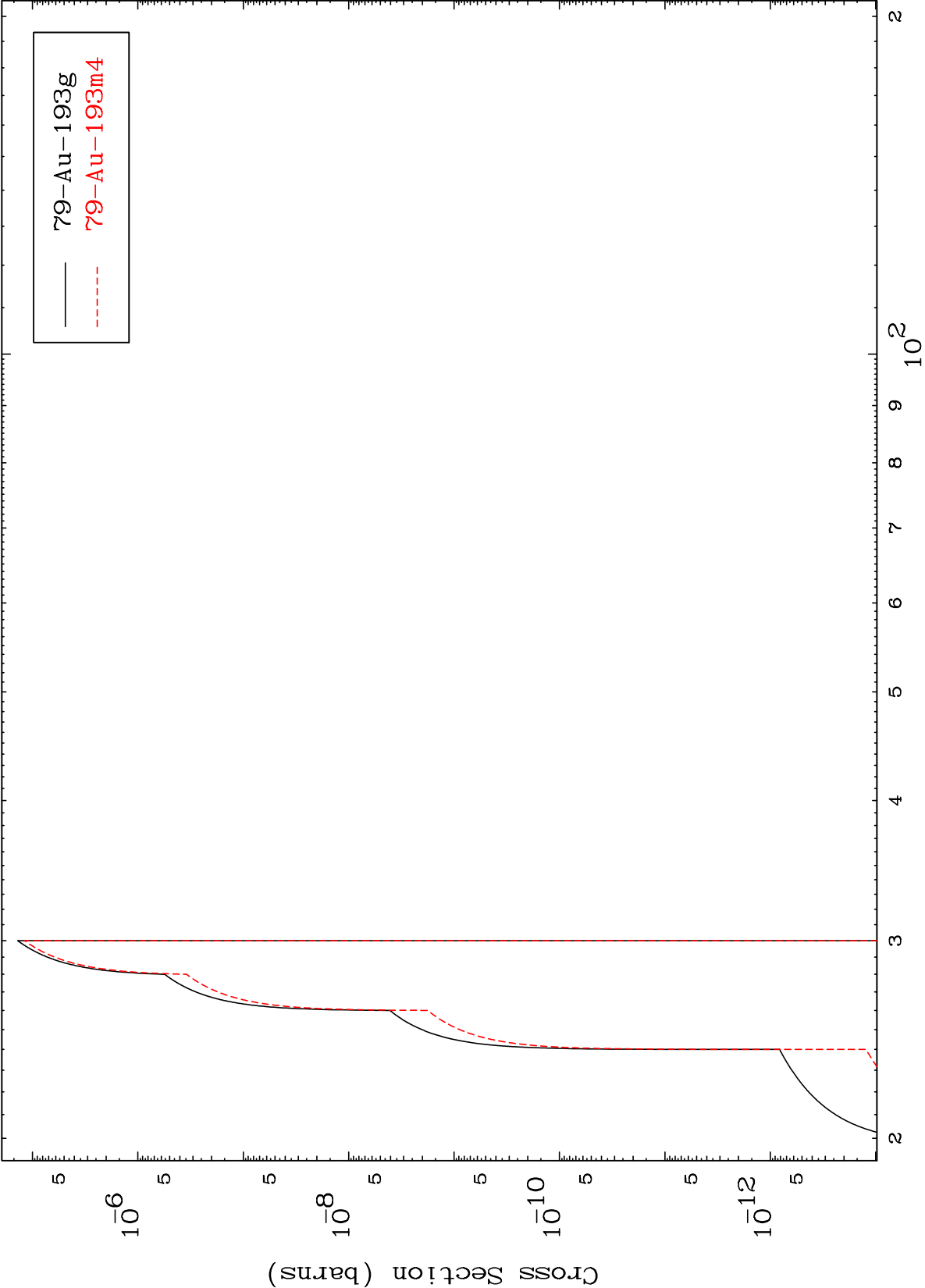


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(n,2n) d

⁷⁹Au-196m

Radionuclide Production Cross Section



12

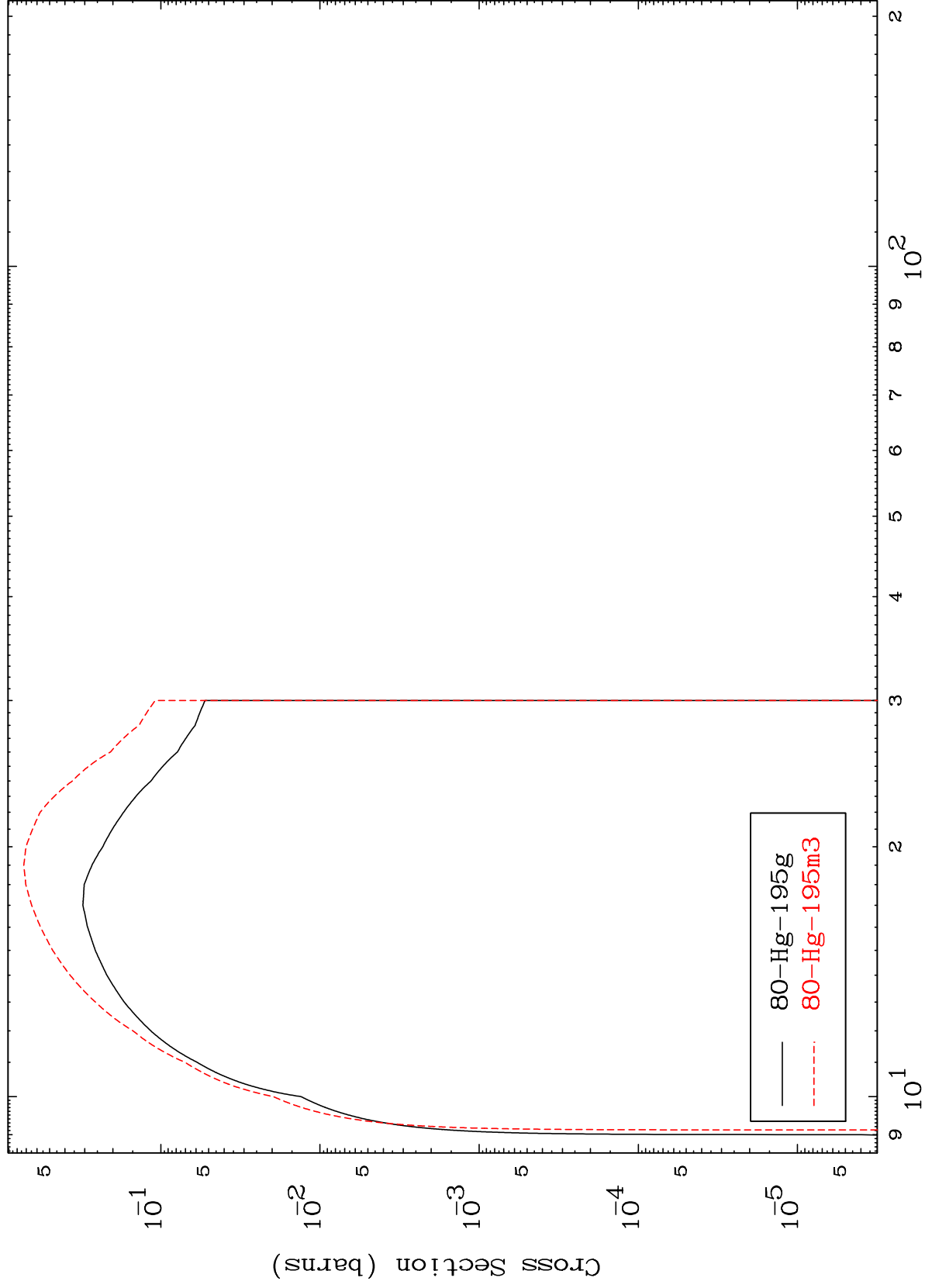
Incident Energy (MeV)

⁷⁹Au-196m

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79-Au-196m

(n,2n)
Radionuclide Production Cross Section



79-Au-196m

Incident Energy (MeV)

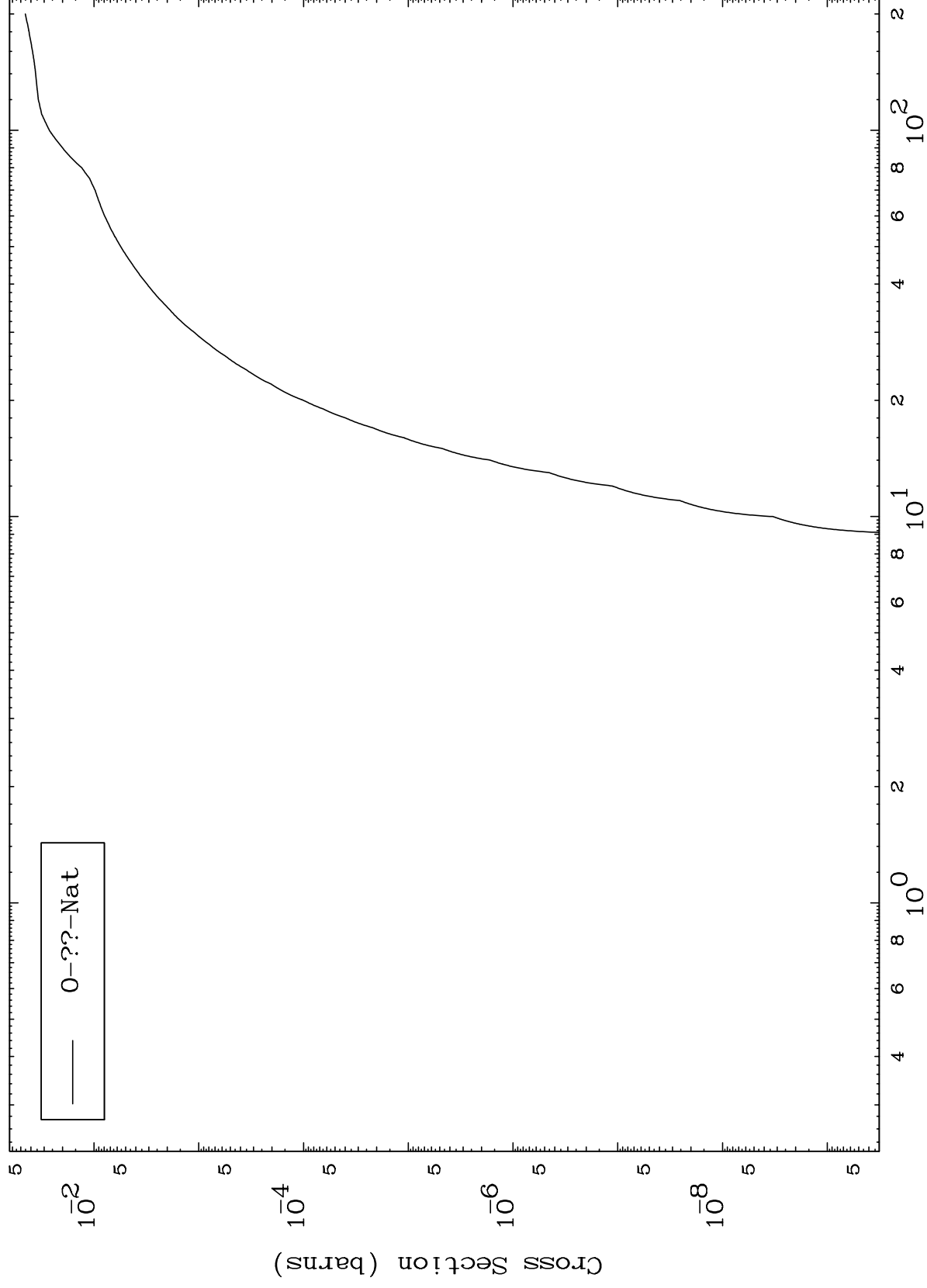
13

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Fission

⁷⁹Au-196m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

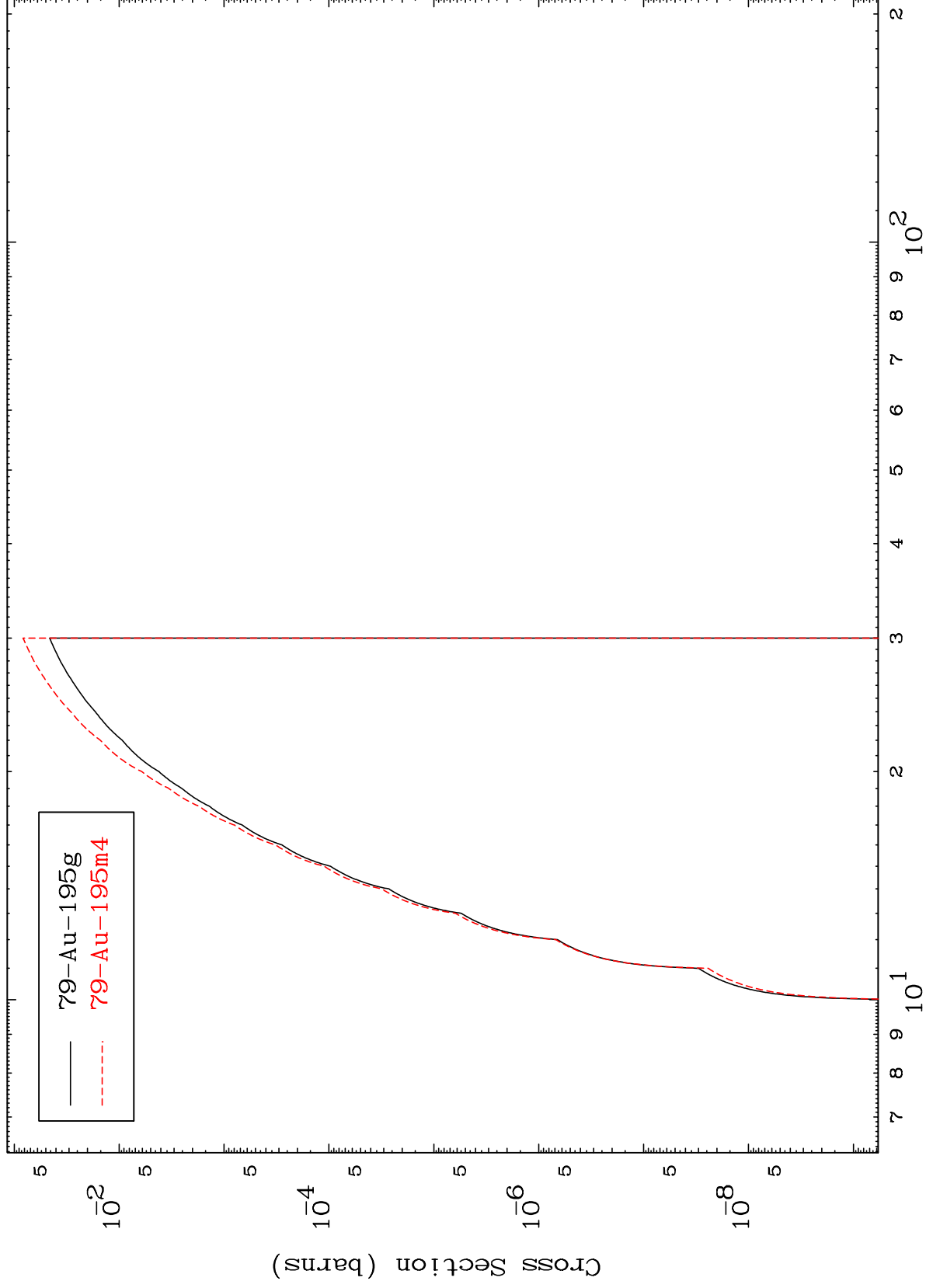
⁷⁹Au-196m

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

Radionuclide Production Cross Section

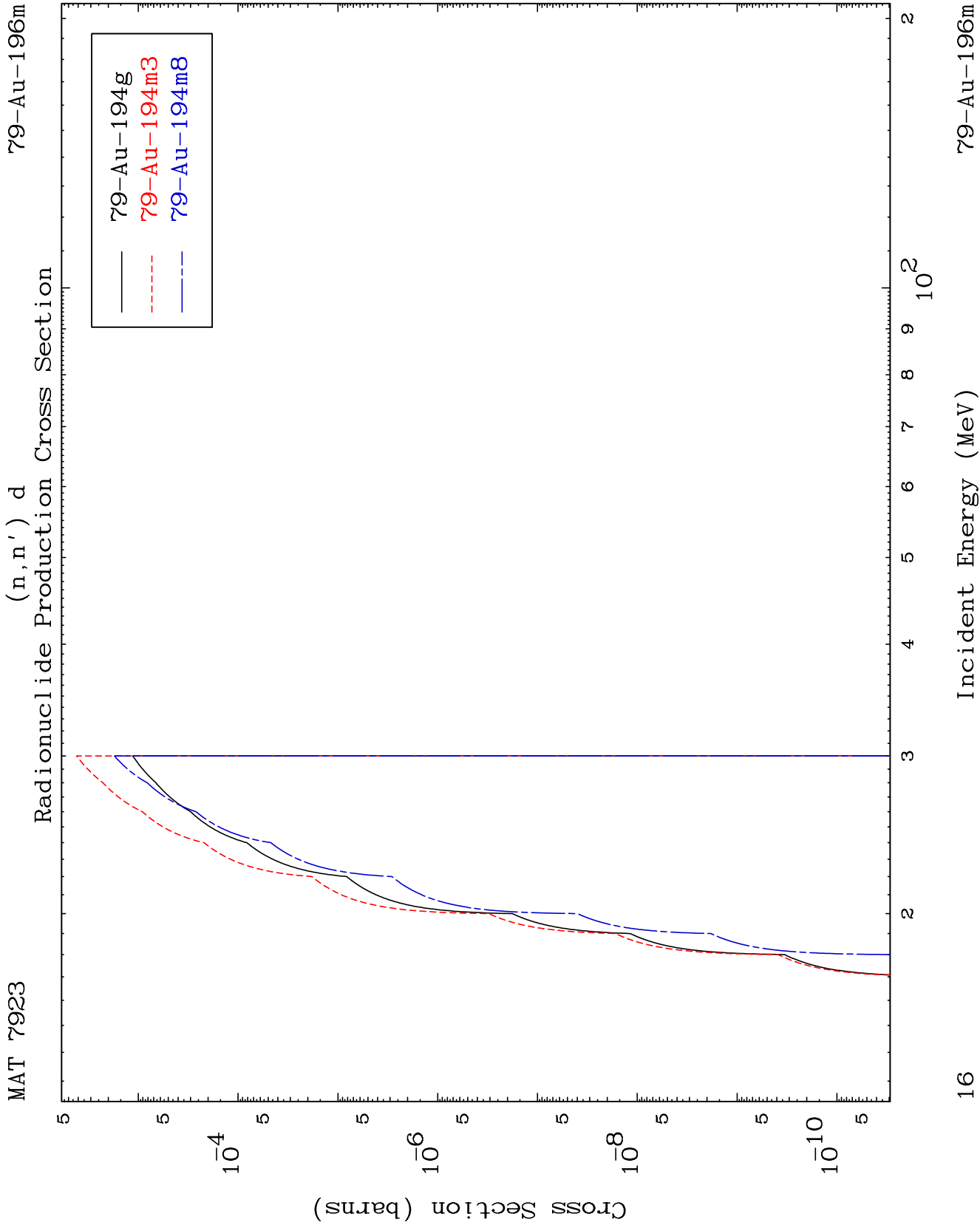
$(n,n')\text{ p}$



15

Incident Energy (MeV)

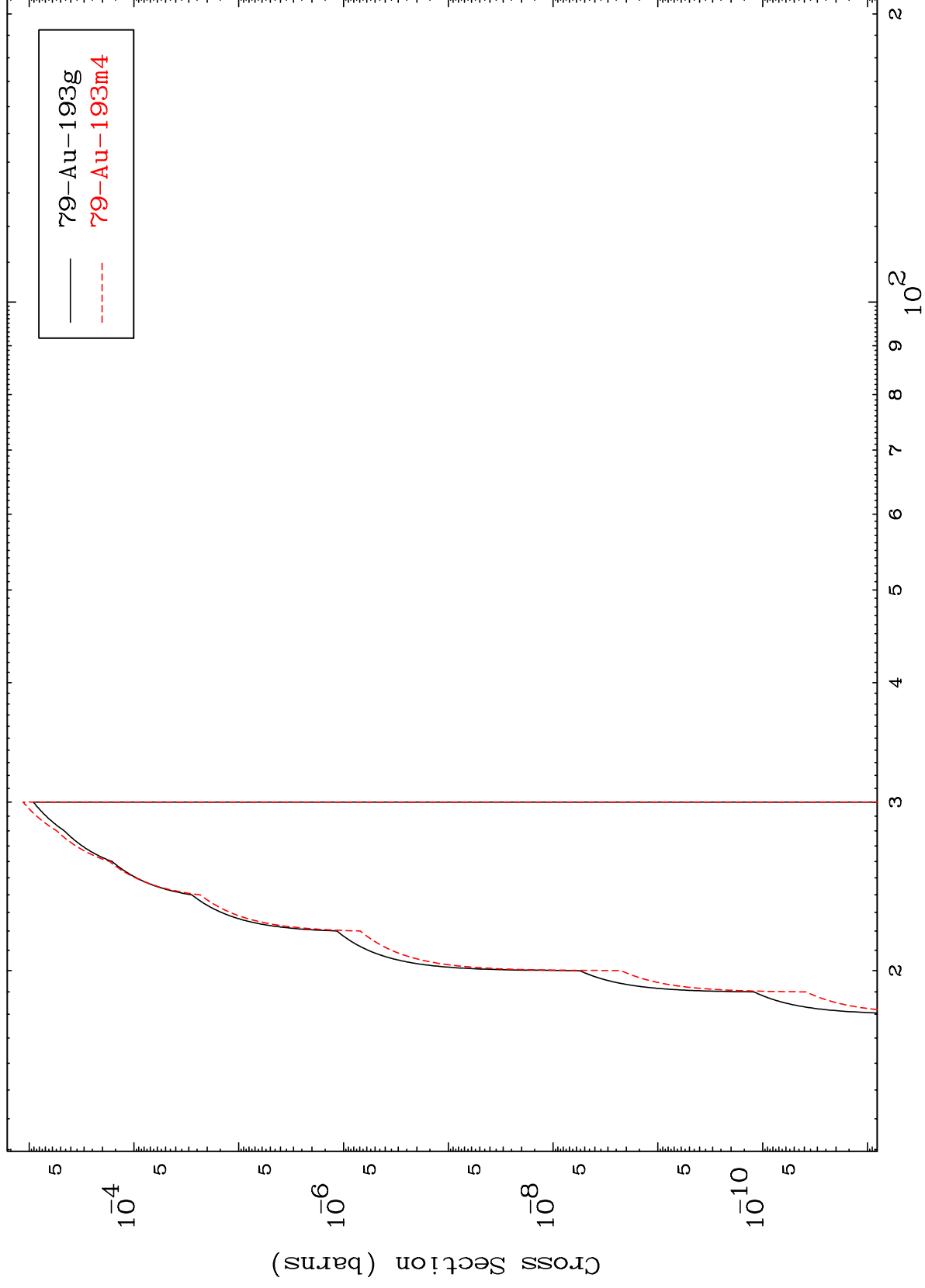
$^{79}\text{Au-196m}$



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79-Au-196m

(n,n') t
Radionuclide Production Cross Section

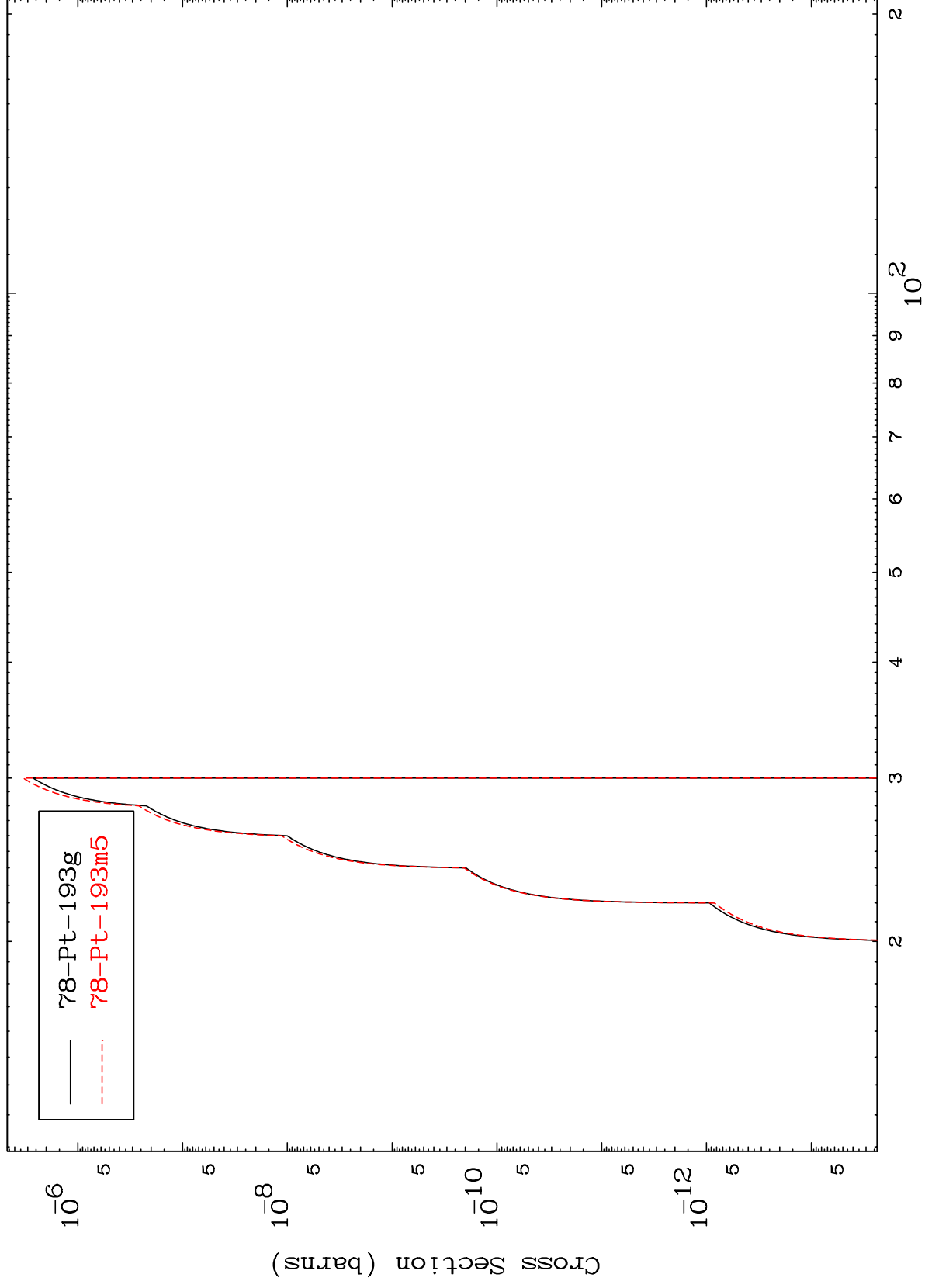


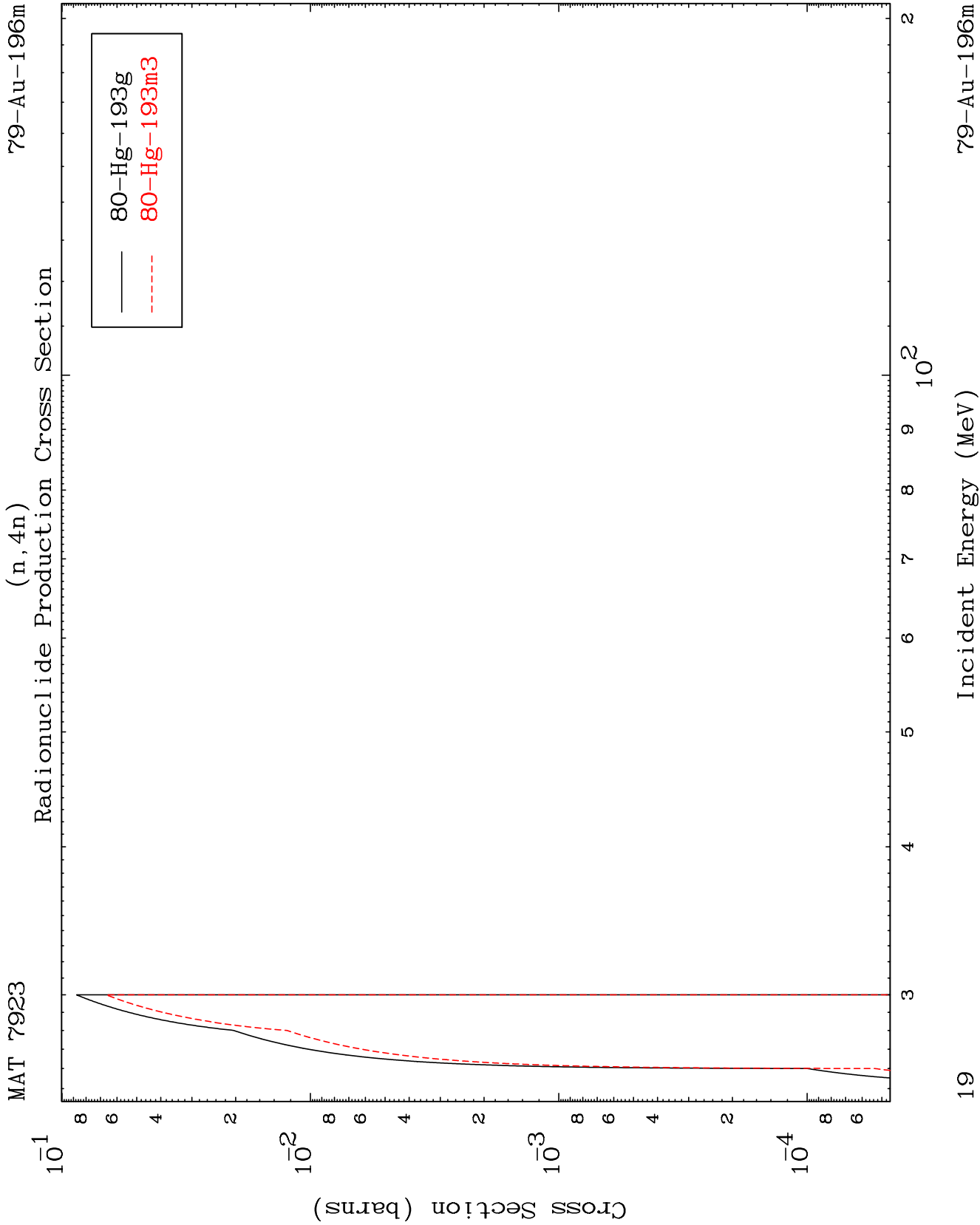
17

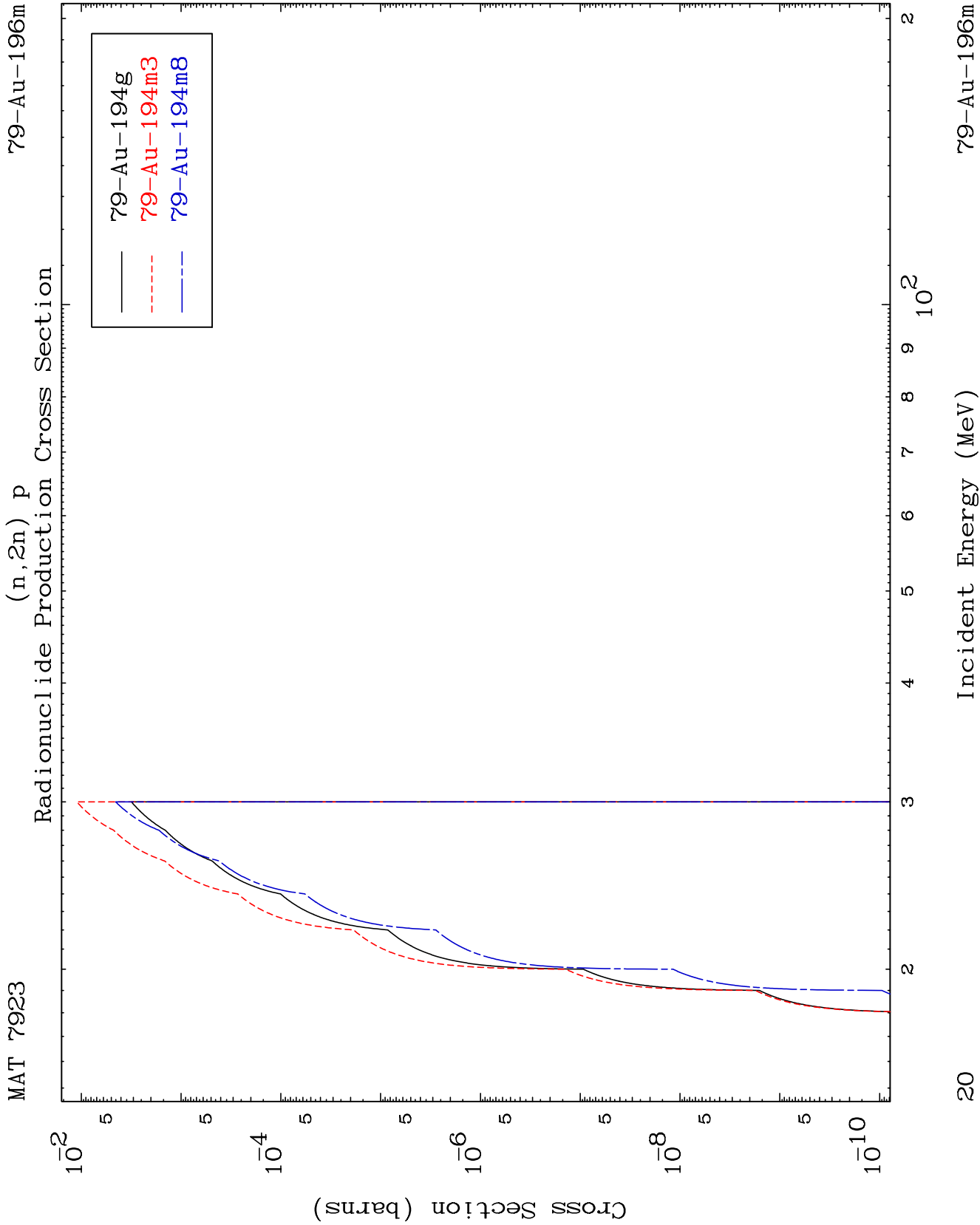
Incident Energy (MeV)

79-Au-196m

Radionuclide Production Cross Section



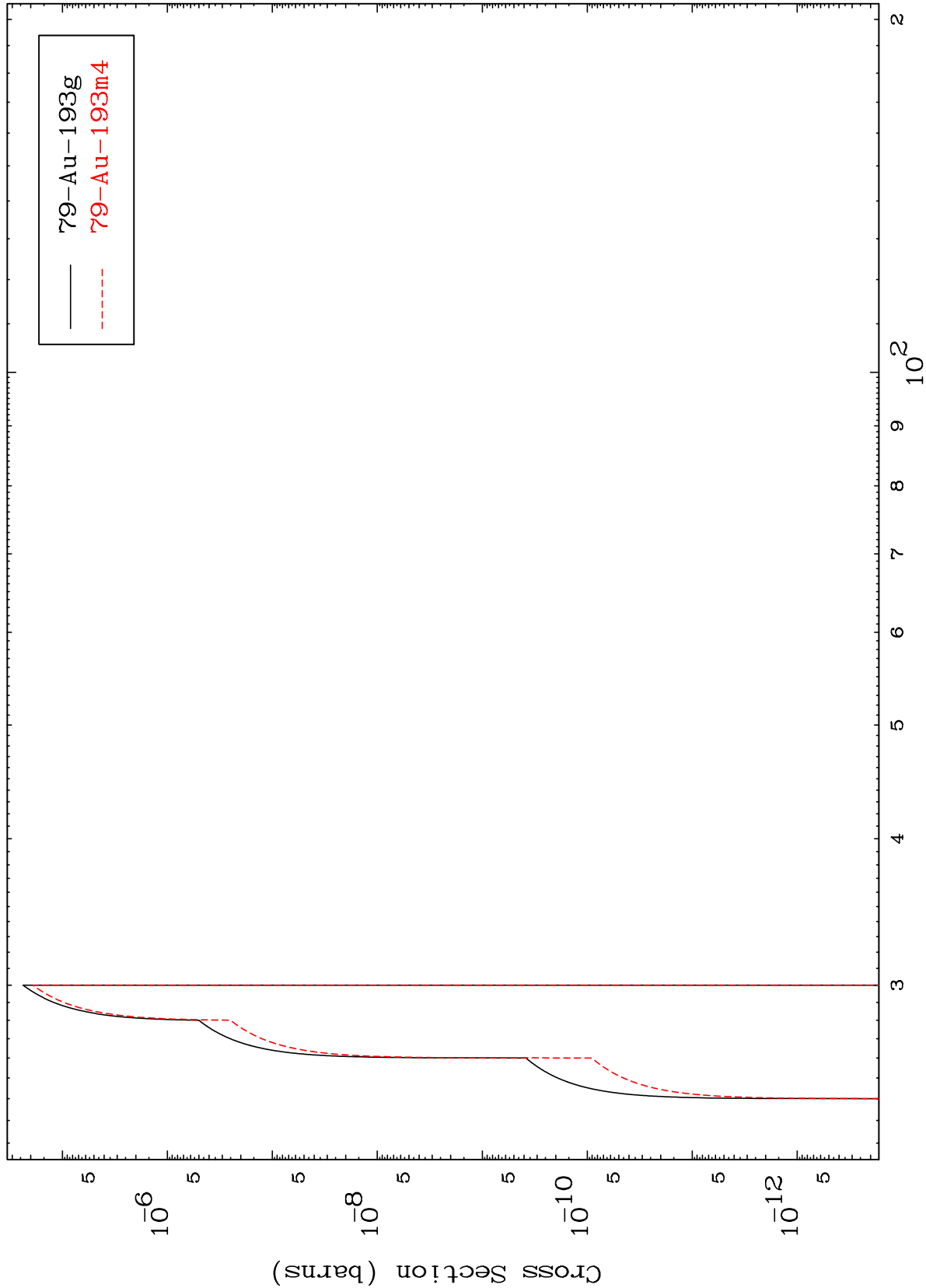




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79-Au-196m

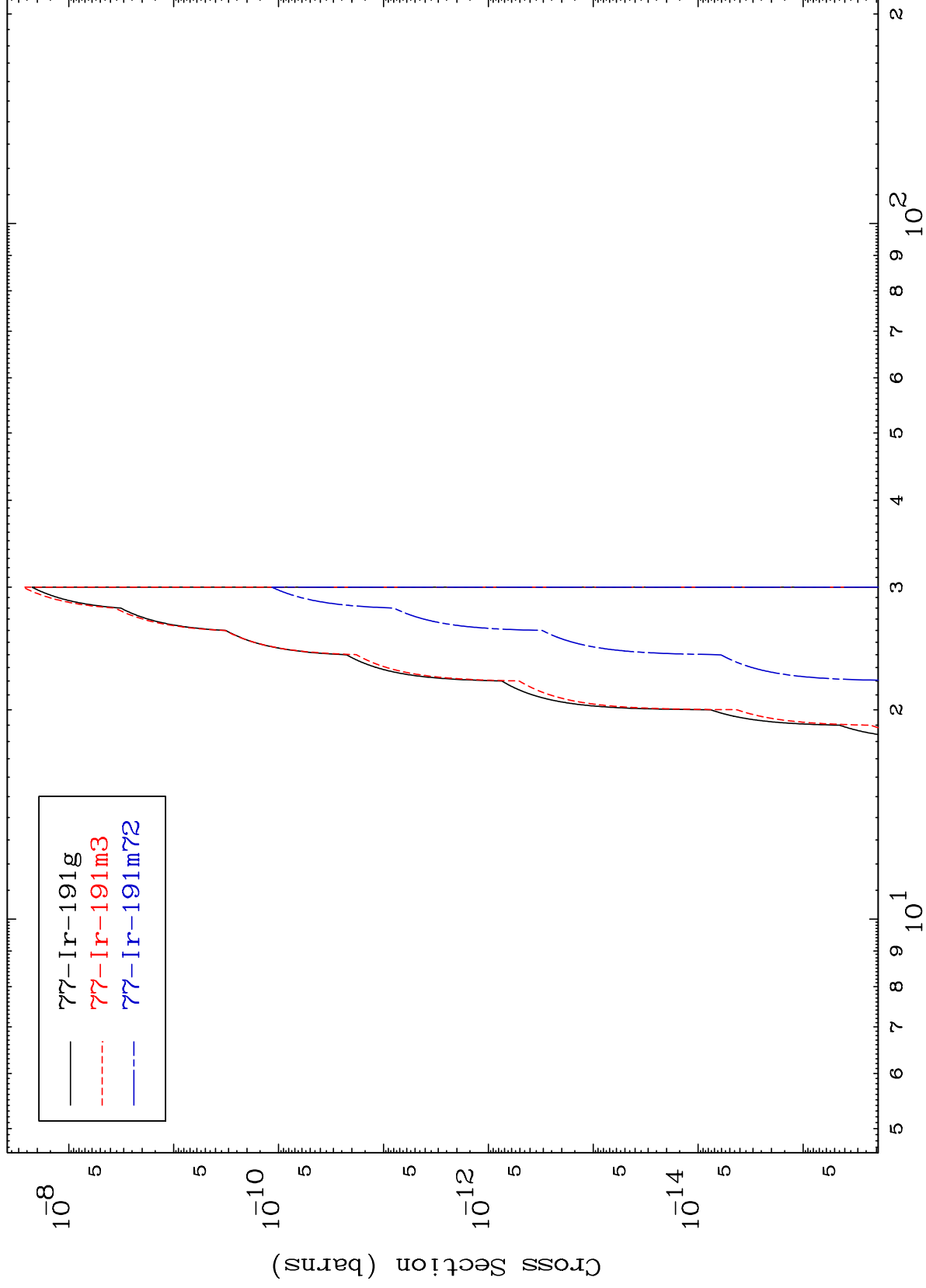
(n,3n) p
Radionuclide Production Cross Section



21

79-Au-196m

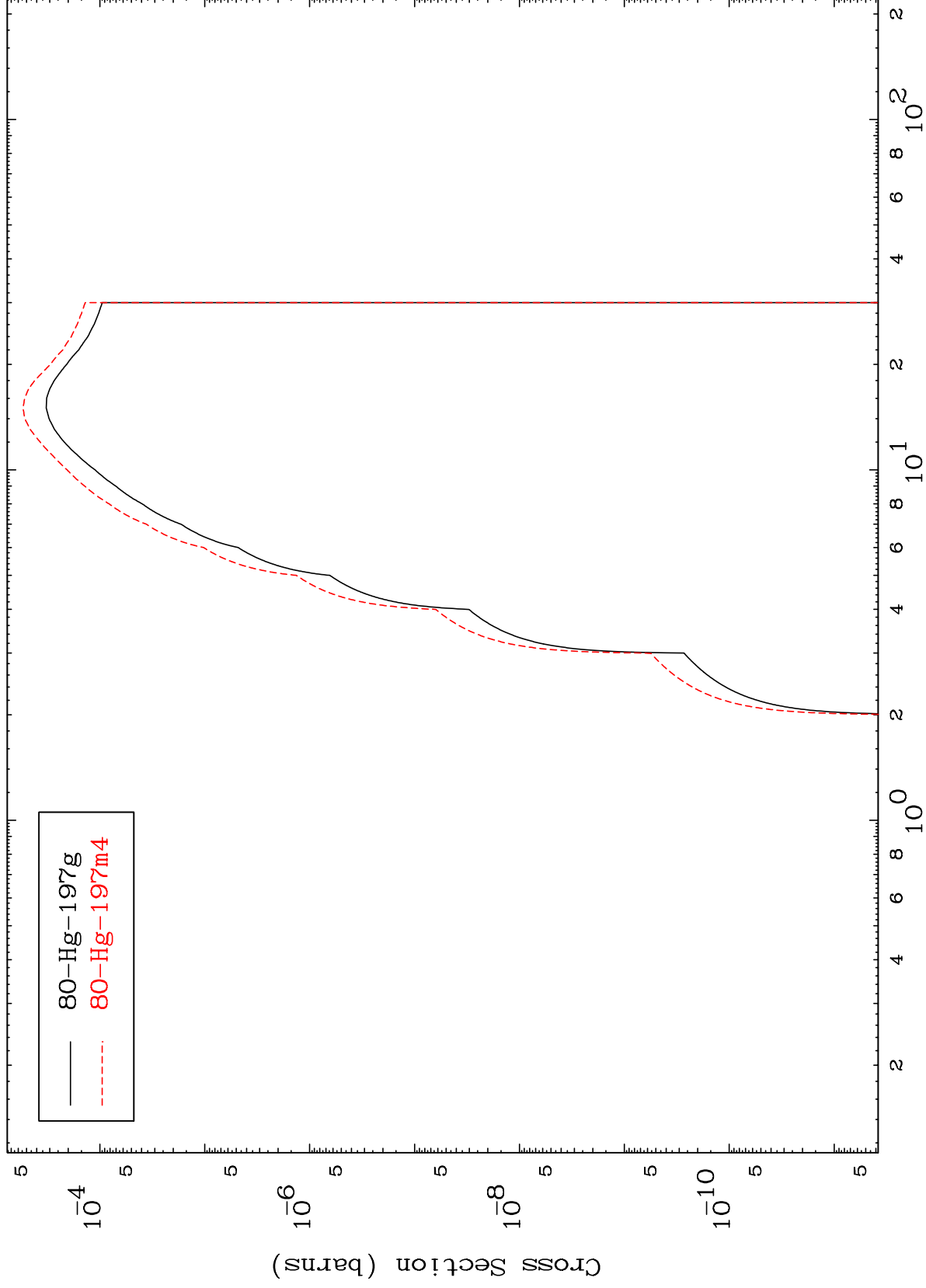
(n,n') p α
Radionuclide Production Cross Section



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79-Au-196m

Radionuclide Production Cross Section
(n, γ)

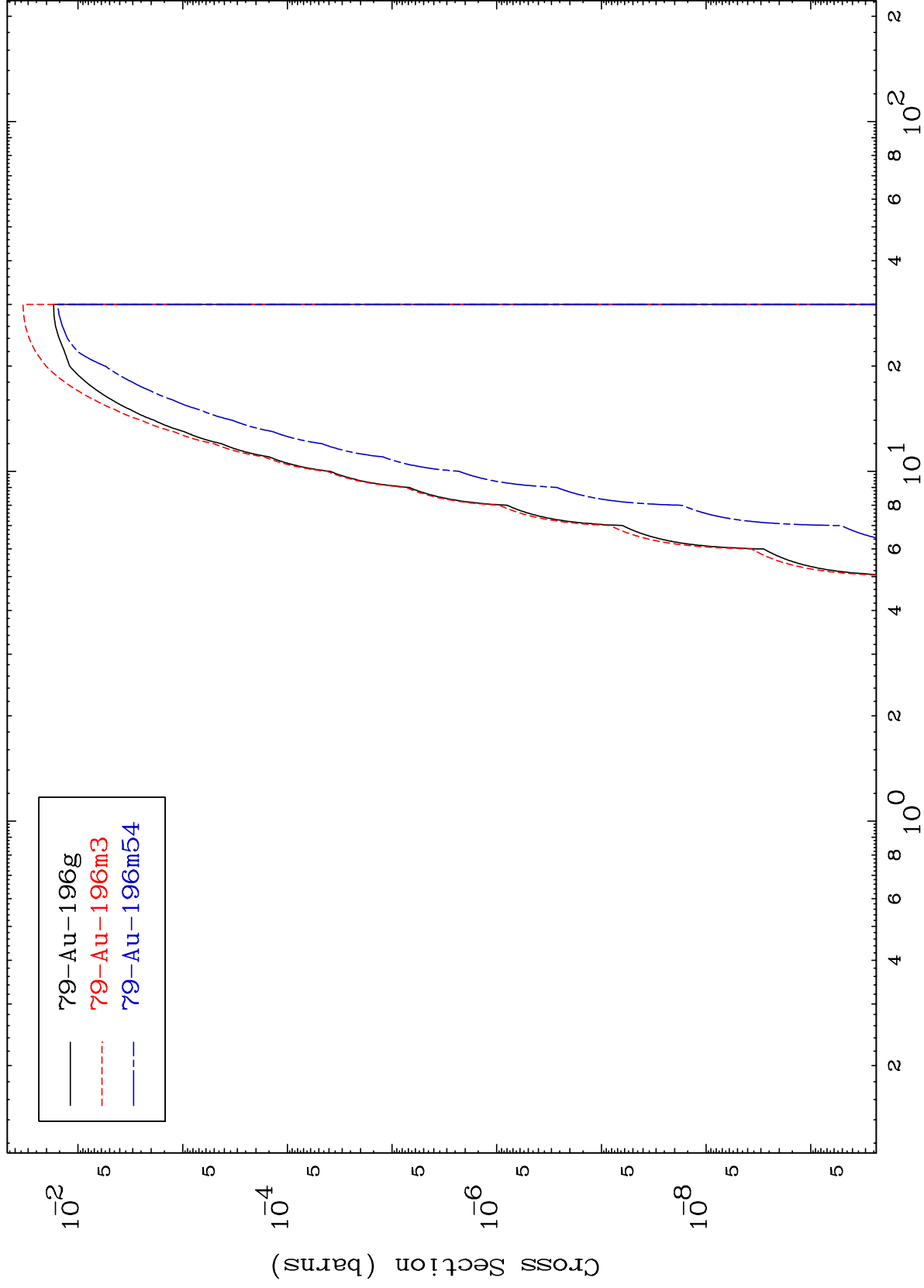


23

79-Au-196m

Incident Energy (MeV)

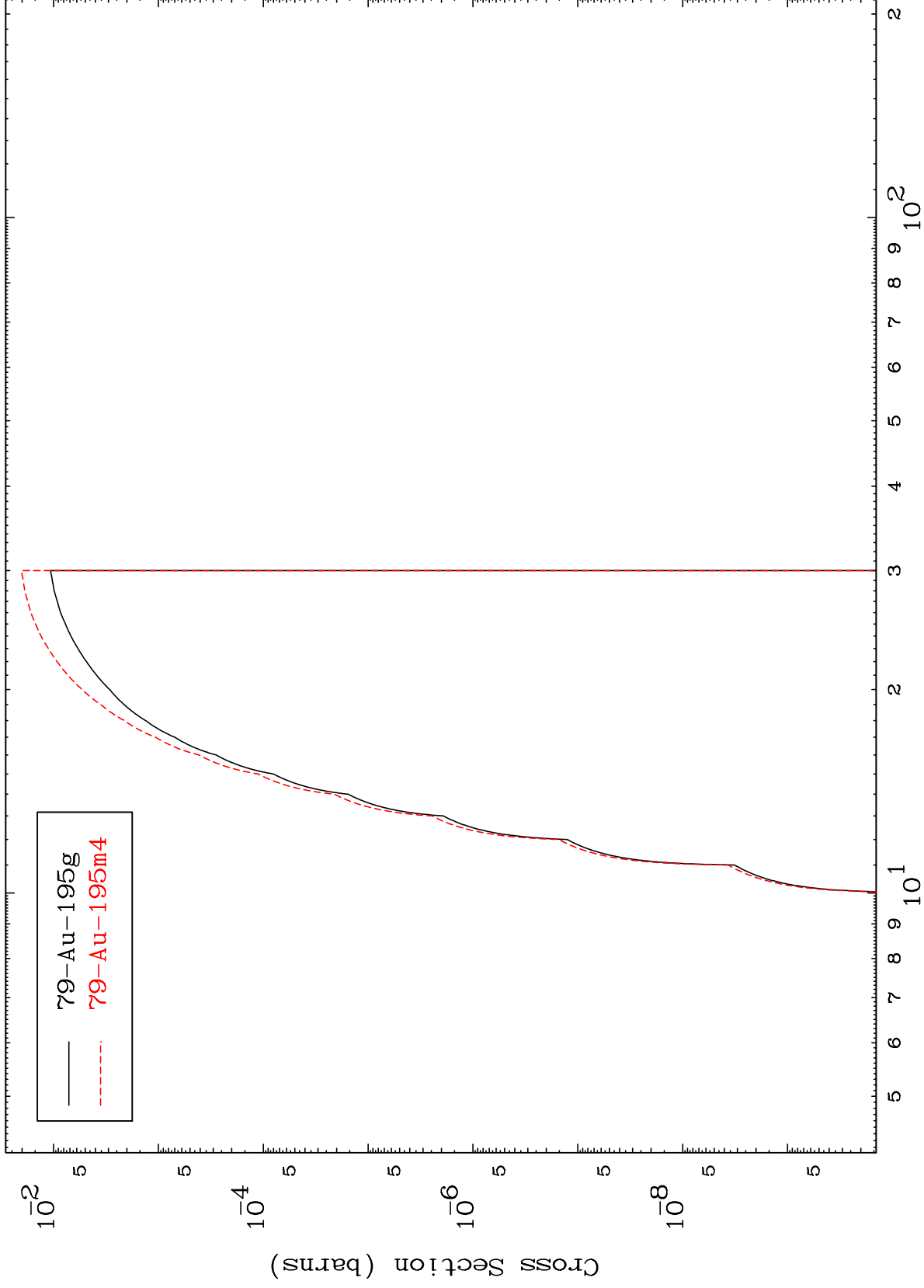
Radionuclide Production Cross Section (n,p)



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⁷⁹Au-196m

Radionuclide Production Cross Section

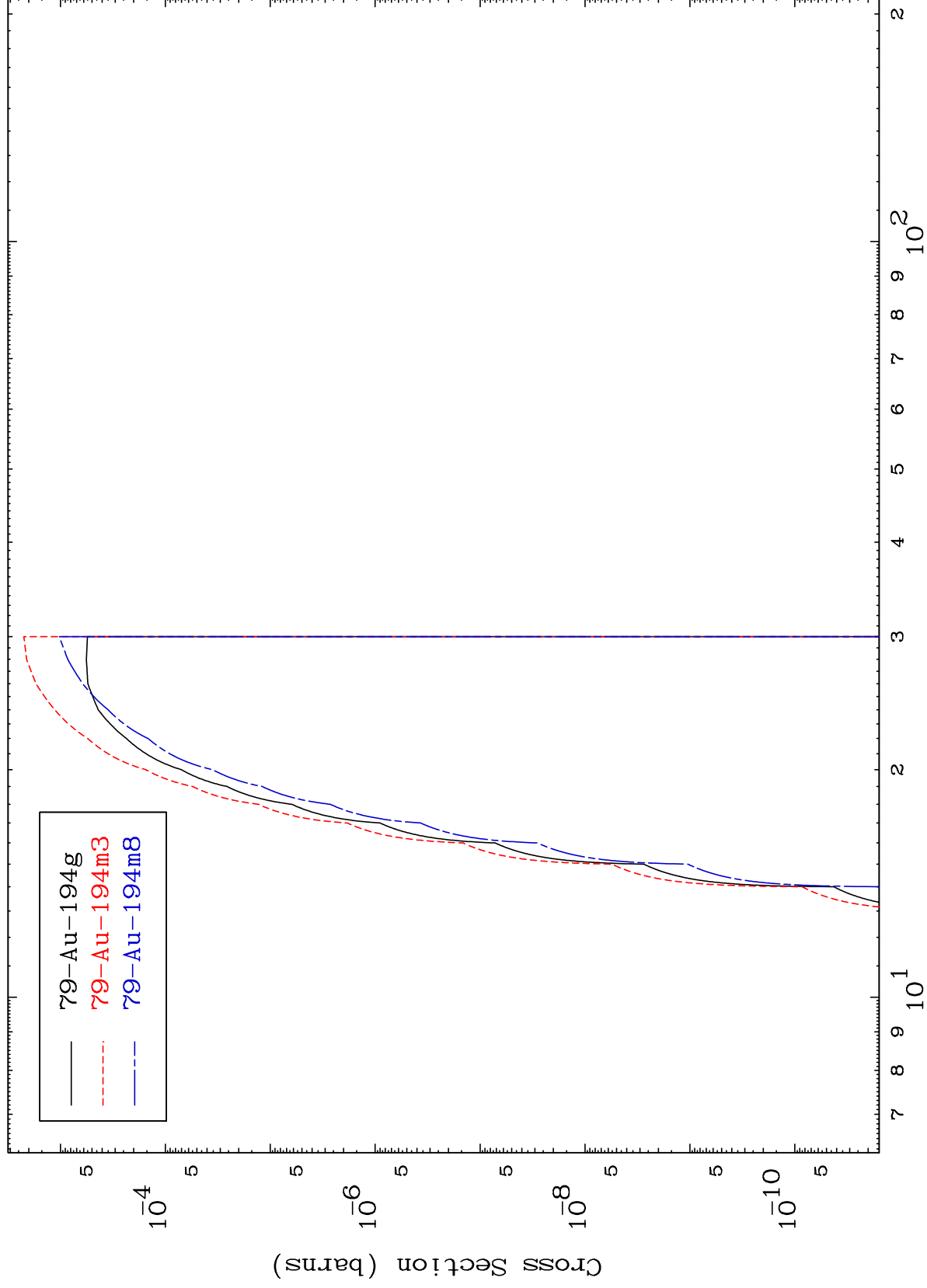


25

Incident Energy (MeV)

⁷⁹Au-196m

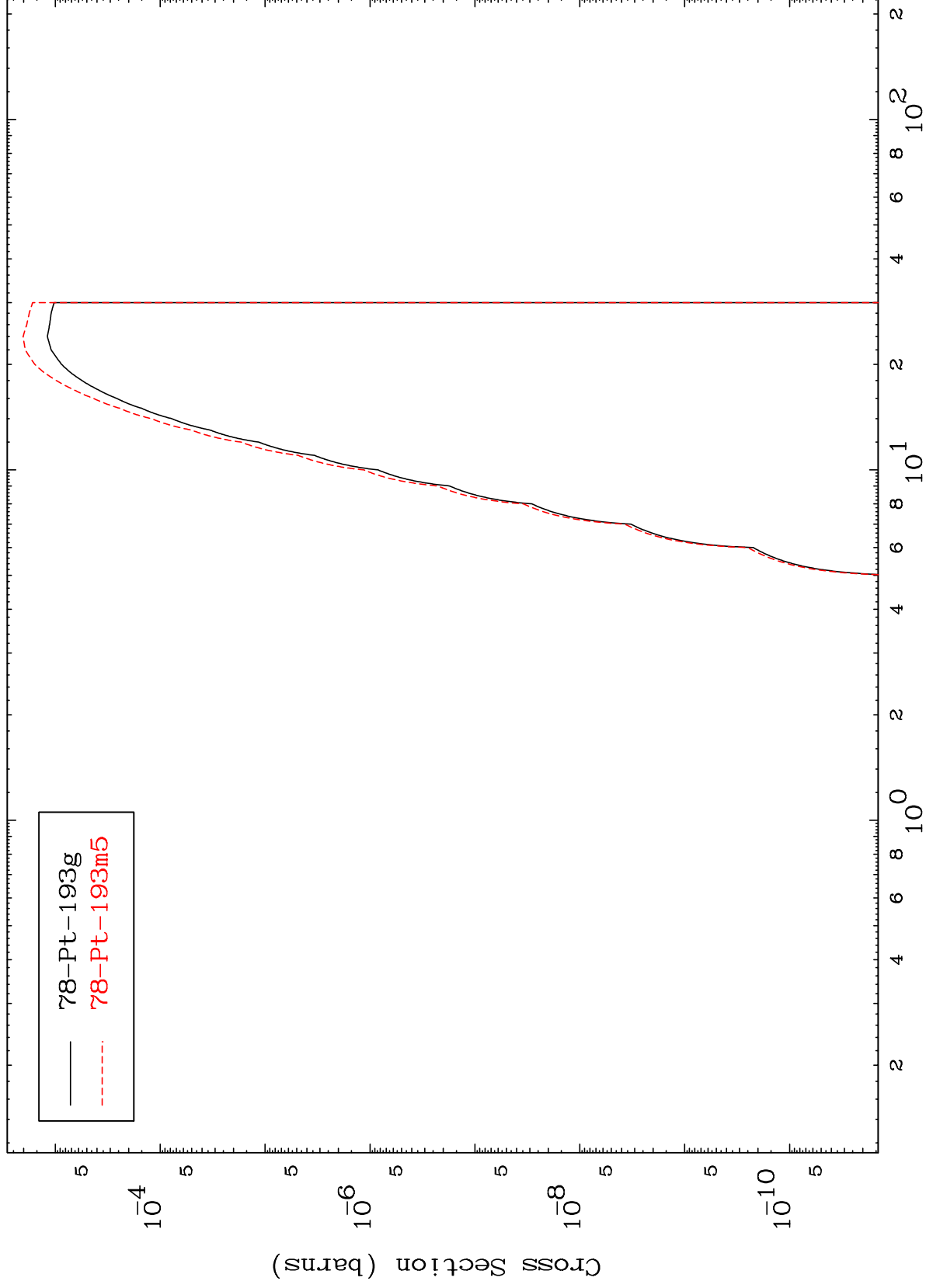
Radionuclide Production Cross Section (n,t)



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79-Au-196m

Radionuclide Production Cross Section



27

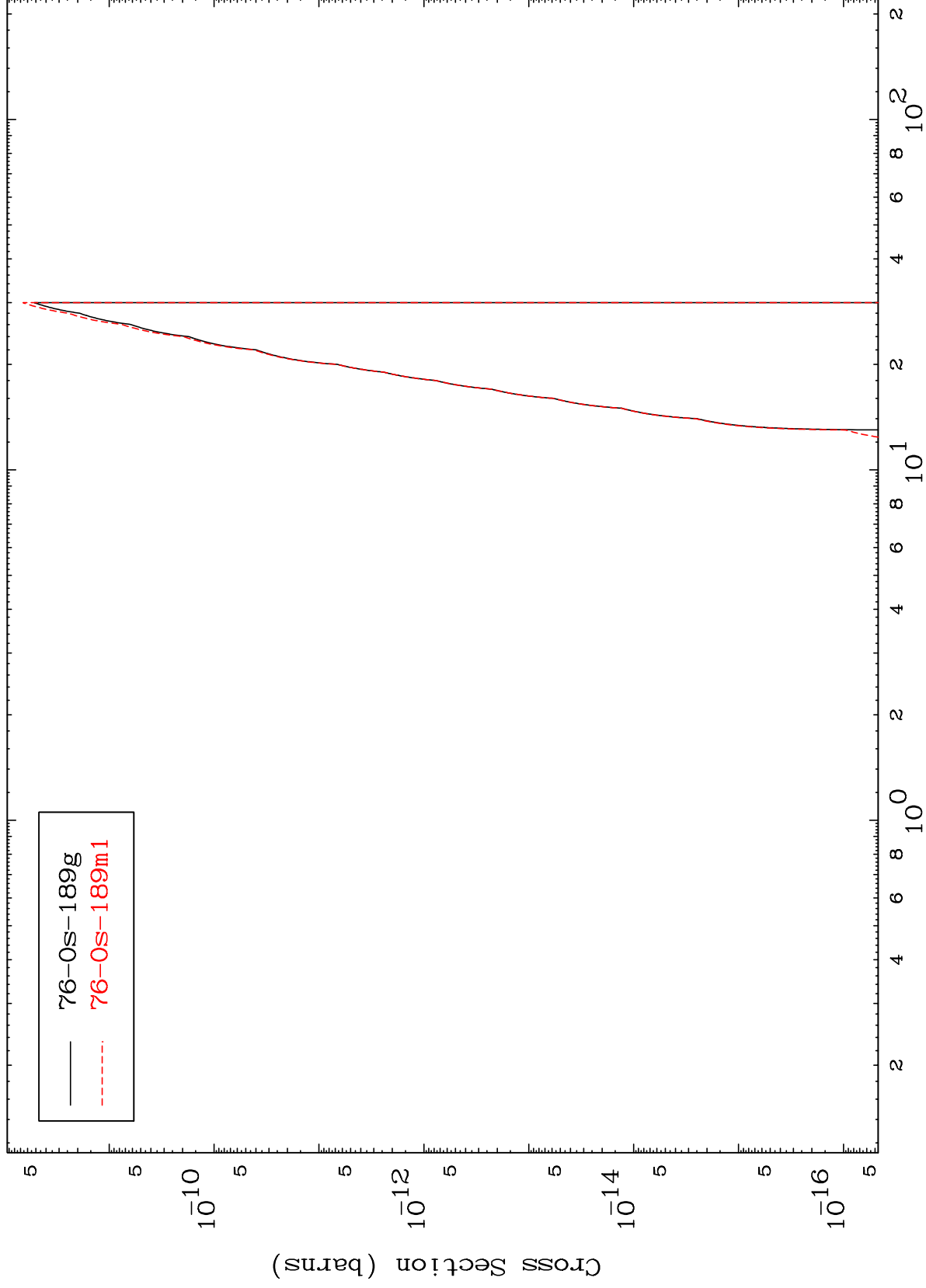
Incident Energy (MeV)

79-Au-196m

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79-Au-196m

Radionuclide Production Cross Section
(n,2 α)



28

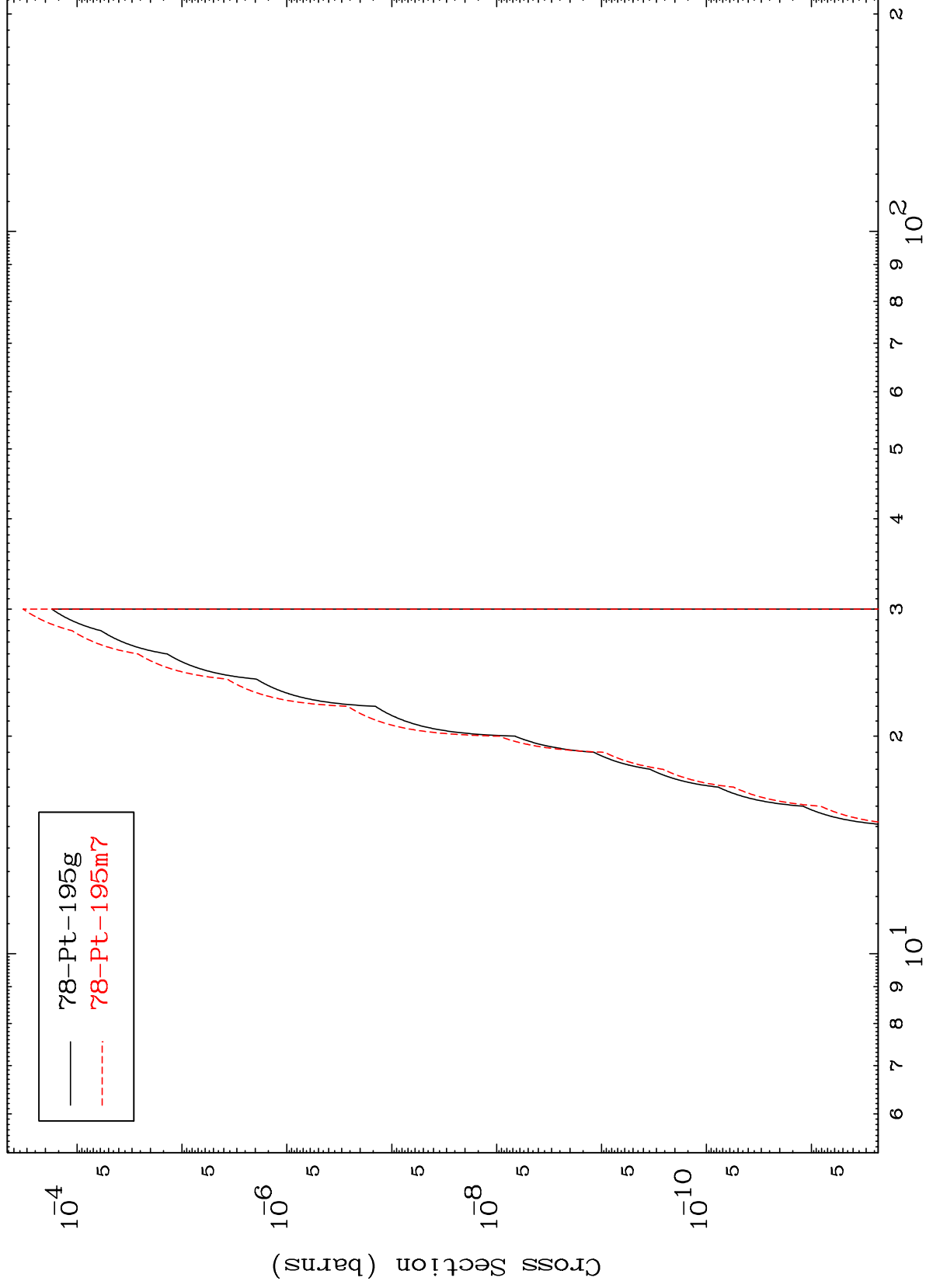
Incident Energy (MeV)

79-Au-196m

MAT 7923

⁷⁹Au-196m

(n,2p)
Radionuclide Production Cross Section



29

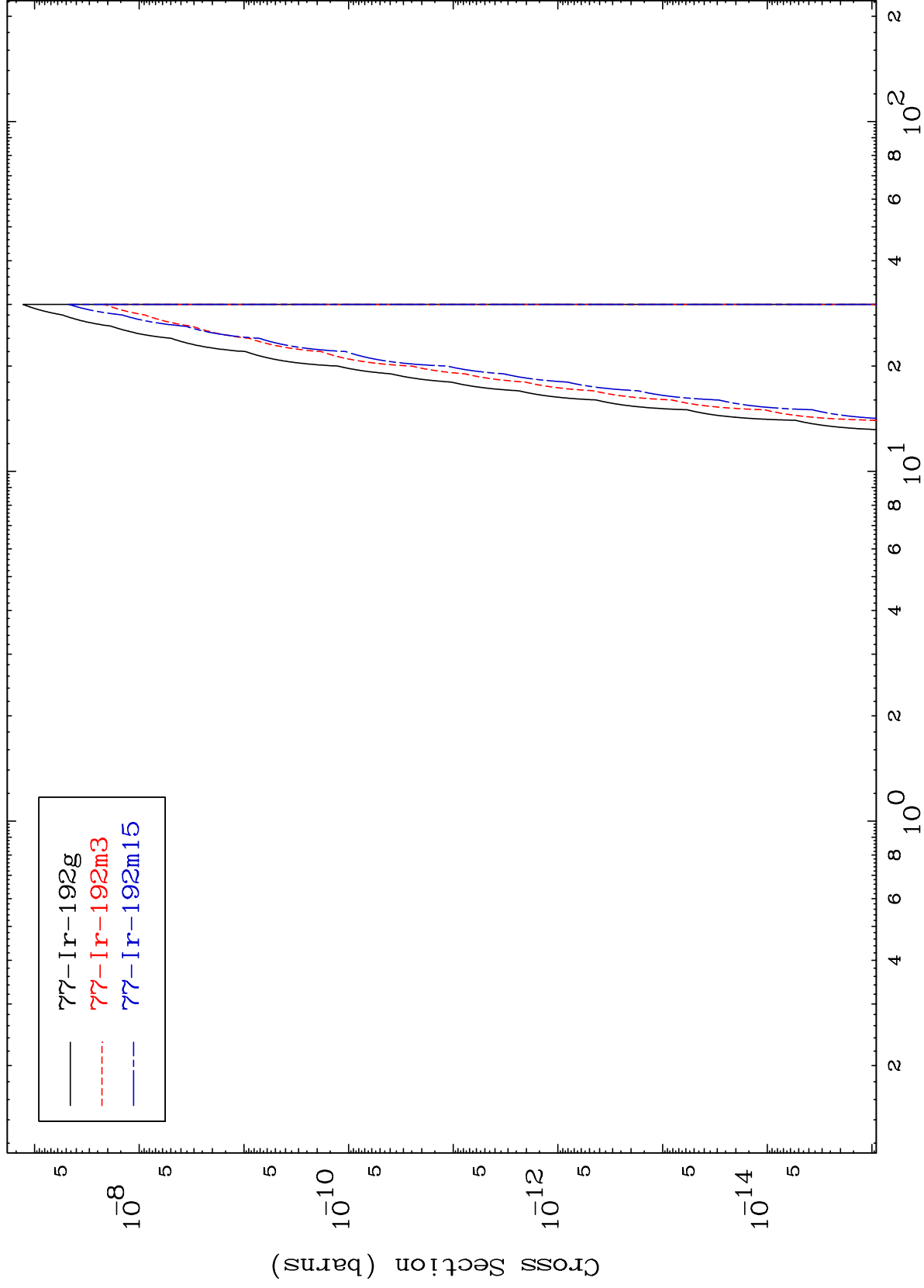
Incident Energy (MeV)

⁷⁹Au-196m

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

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



30

Incident Energy (MeV)

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

(n,p) t
Radionuclide Production Cross Section

