

Program EVALPLOT
(Version 2021-1)

by

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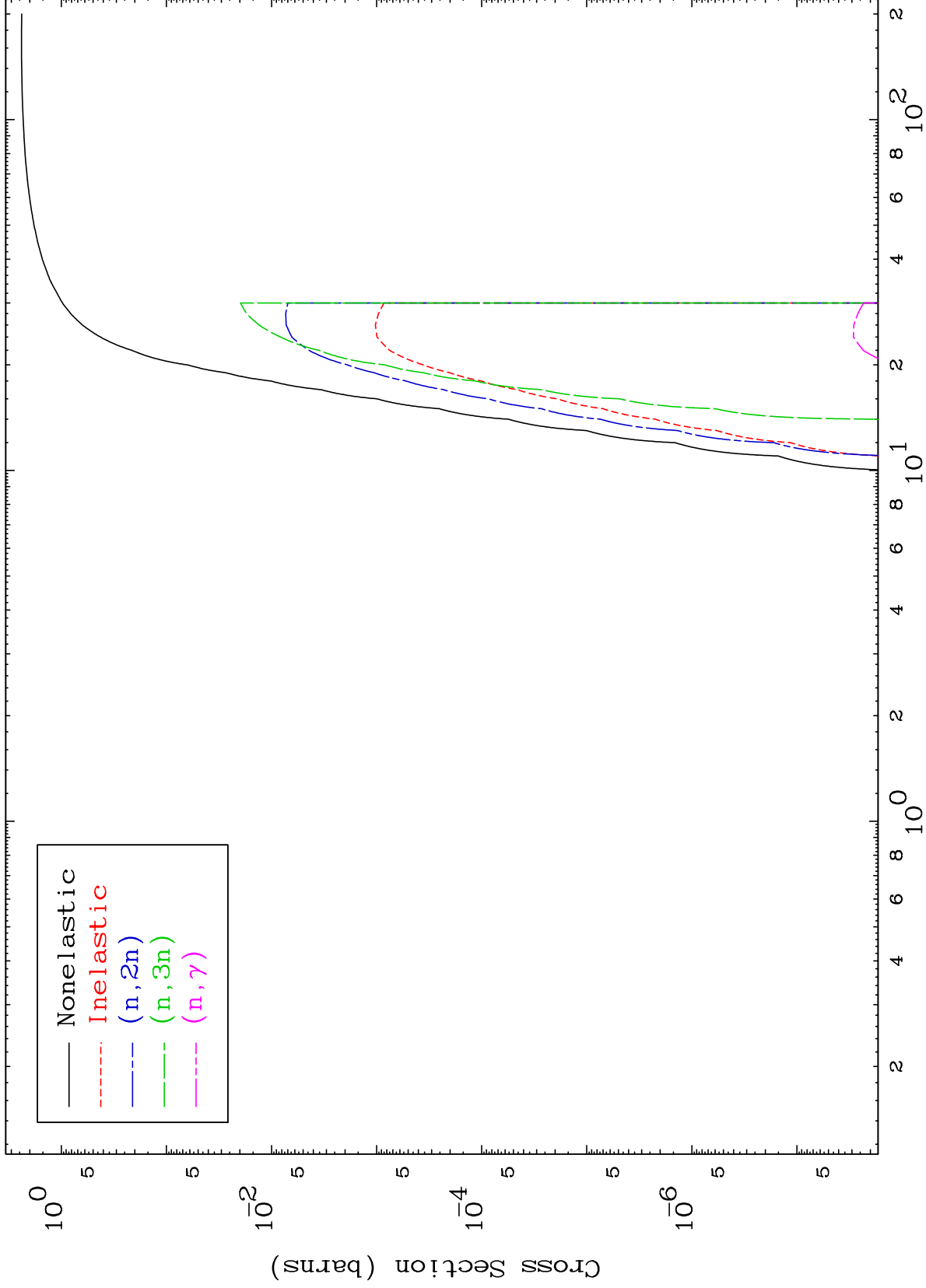
Press Mouse Button to Start

MAT 7923

He-3 Major

79-Au-196m

0 Kelvin Cross Sections



1

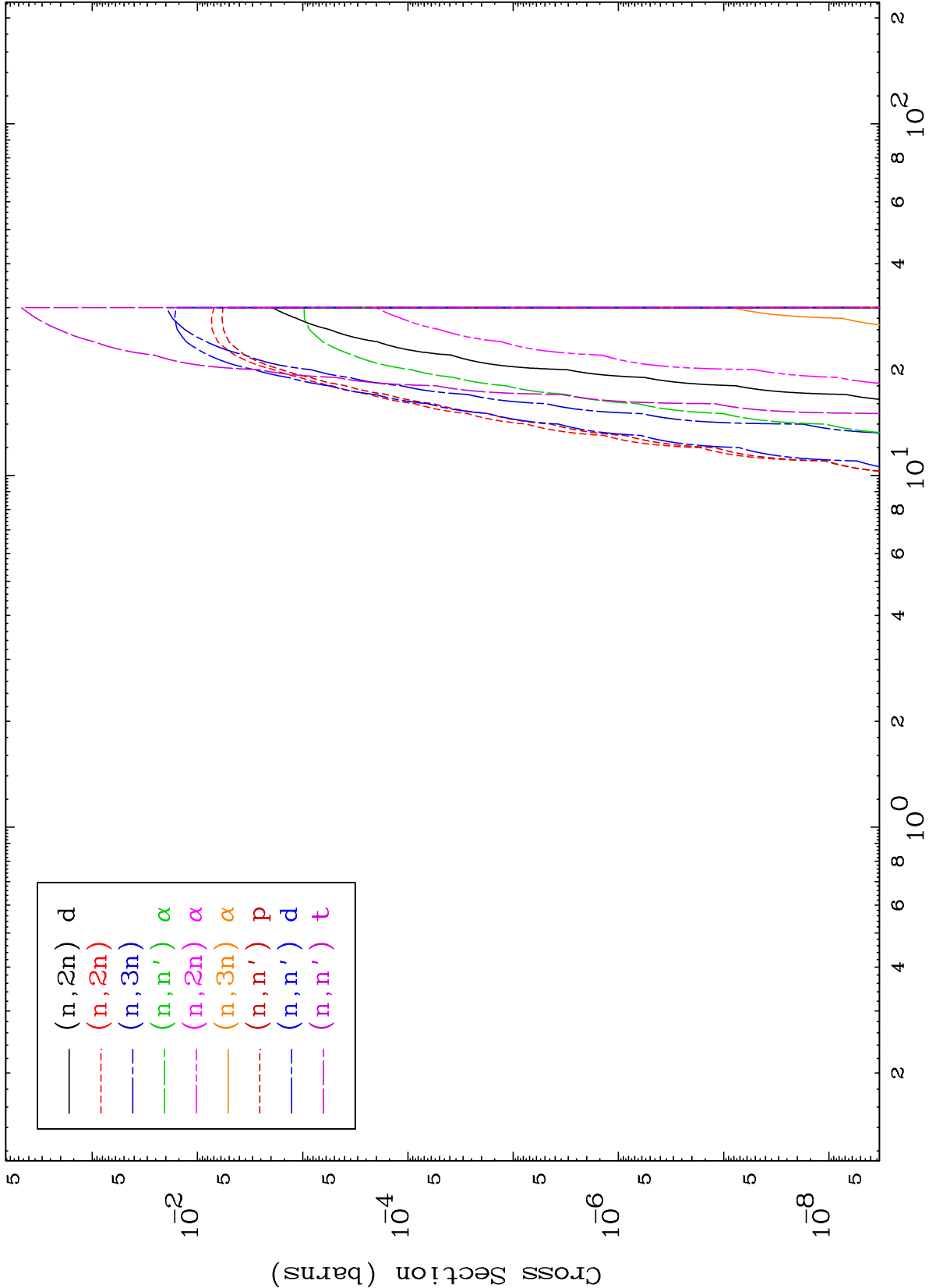
Incident Energy (MeV)

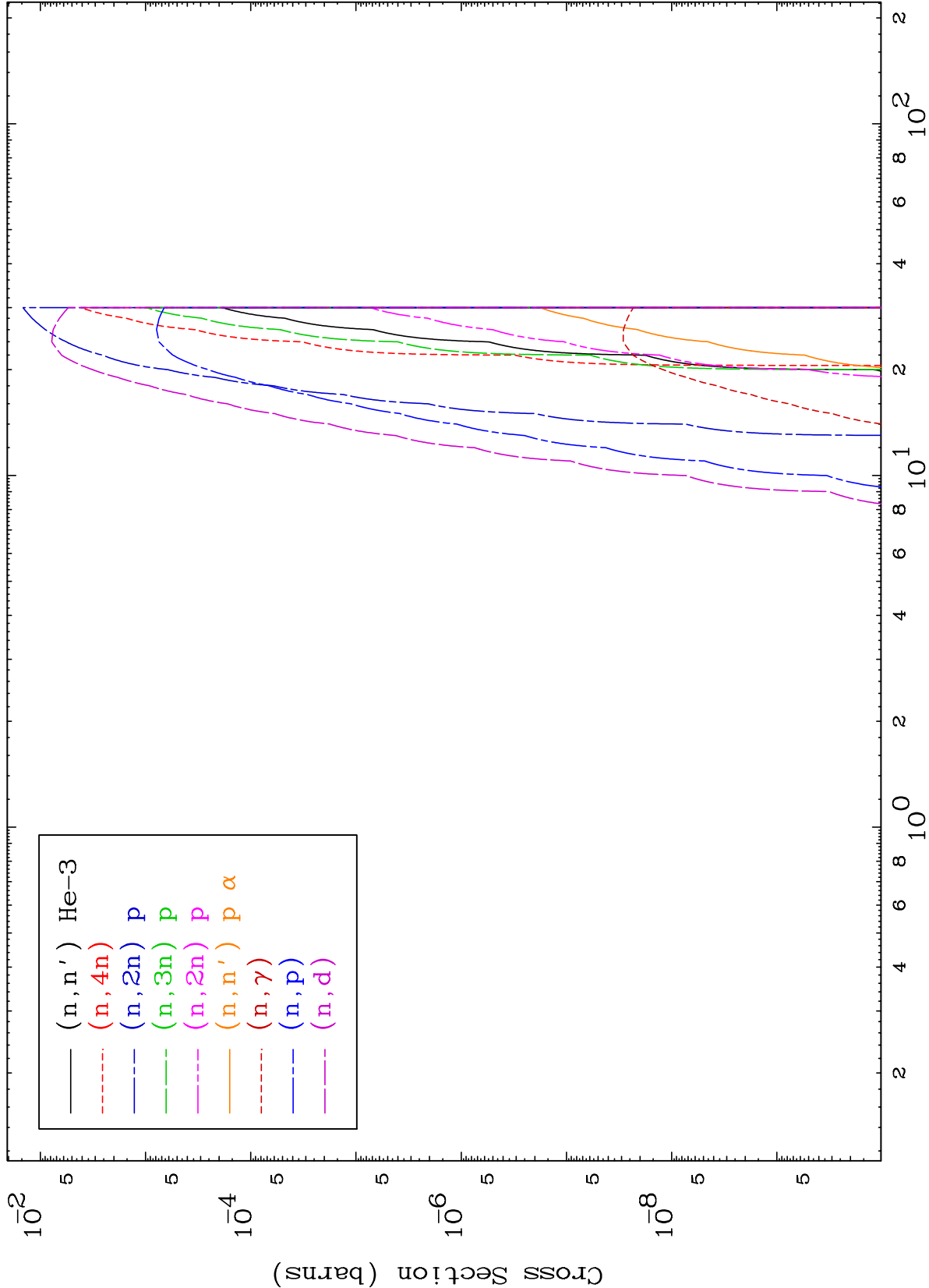
79-Au-196m

MAT 7923

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-196m

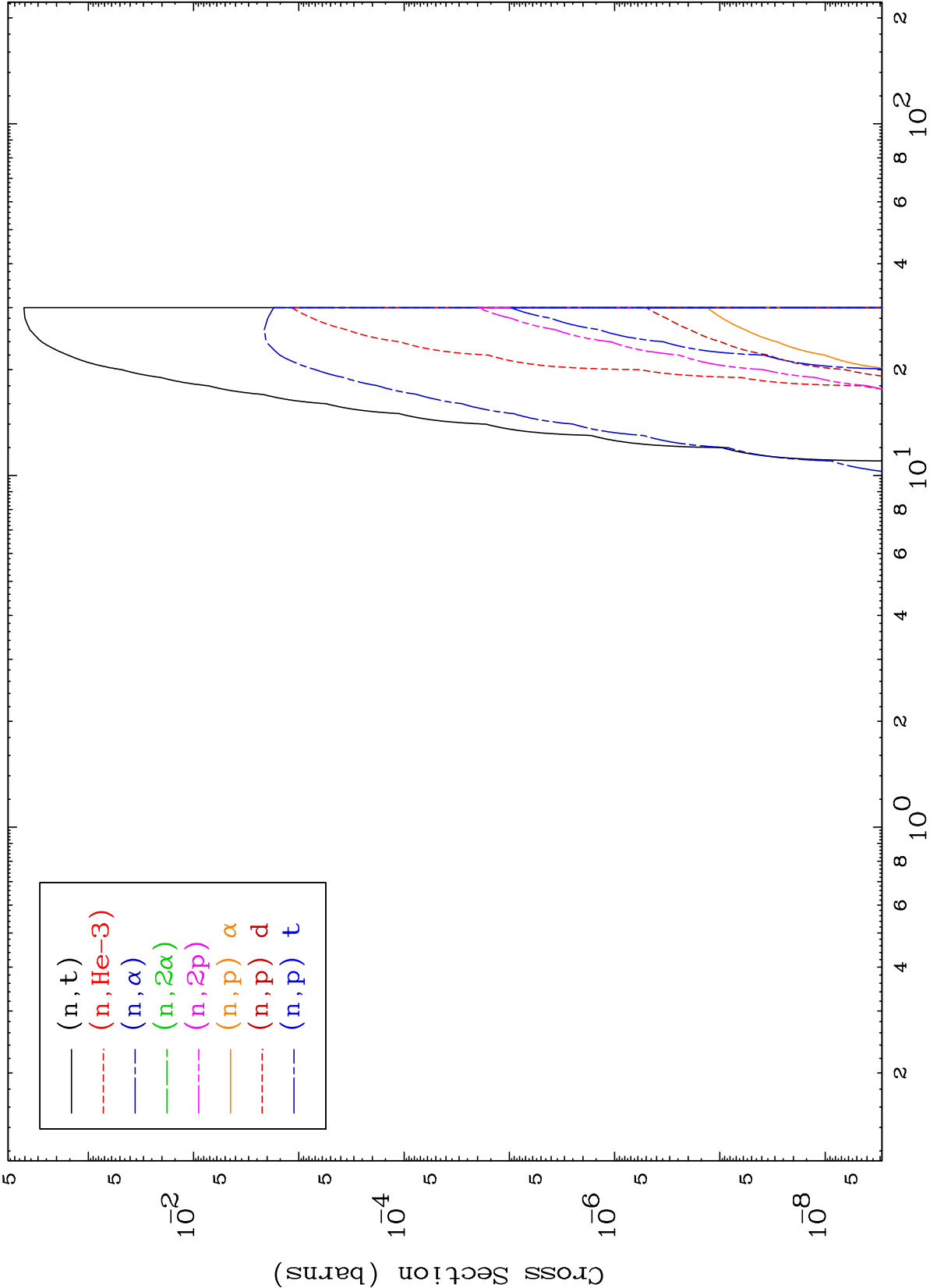


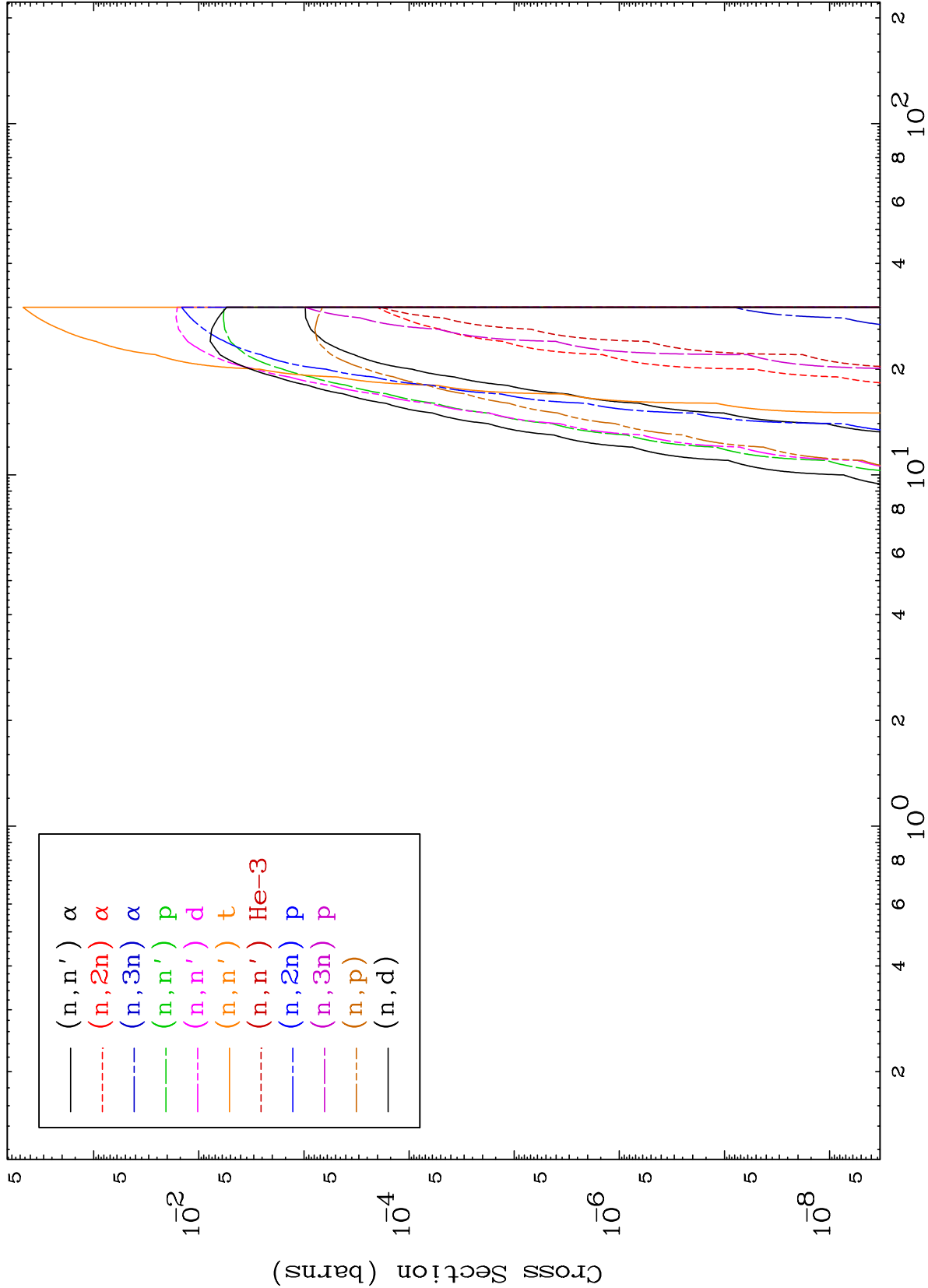


MAT 7923

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-196m

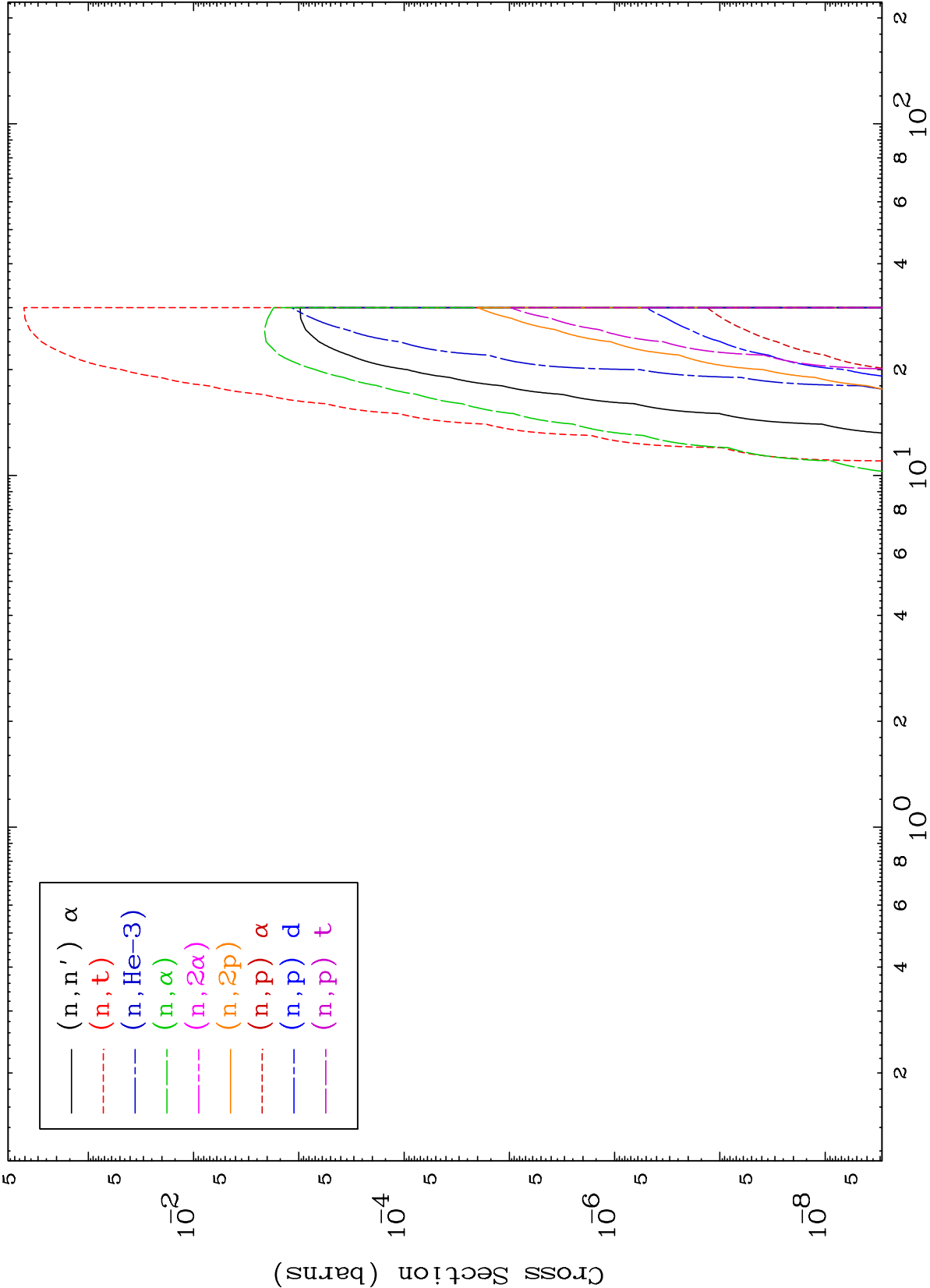




MAT 7923

He-3 Charged Particle
0 Kelvin Cross Sections

79-Au-196m



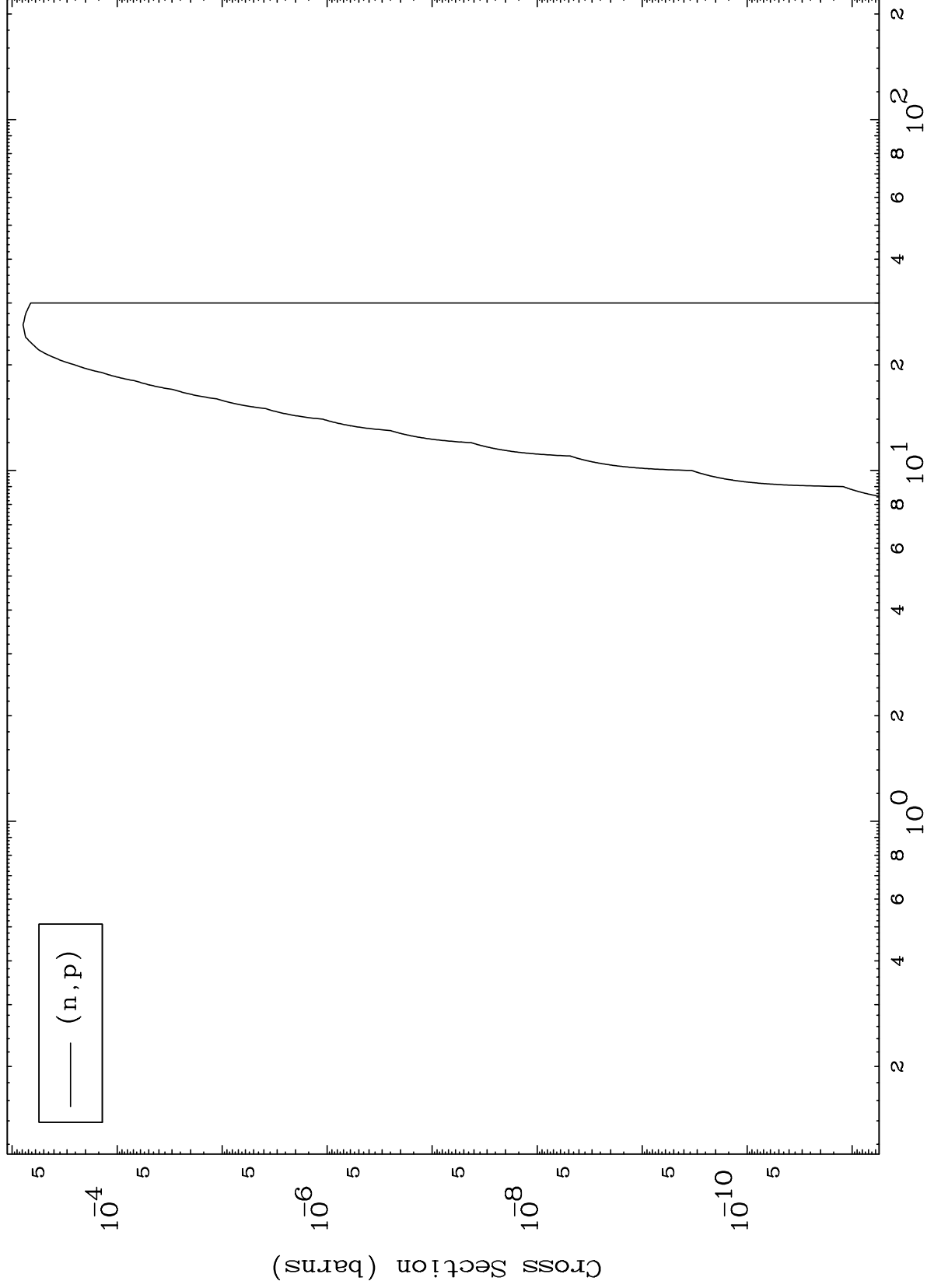
Incident Energy (MeV)

79-Au-196m

MAT 7923

79-Au-196m

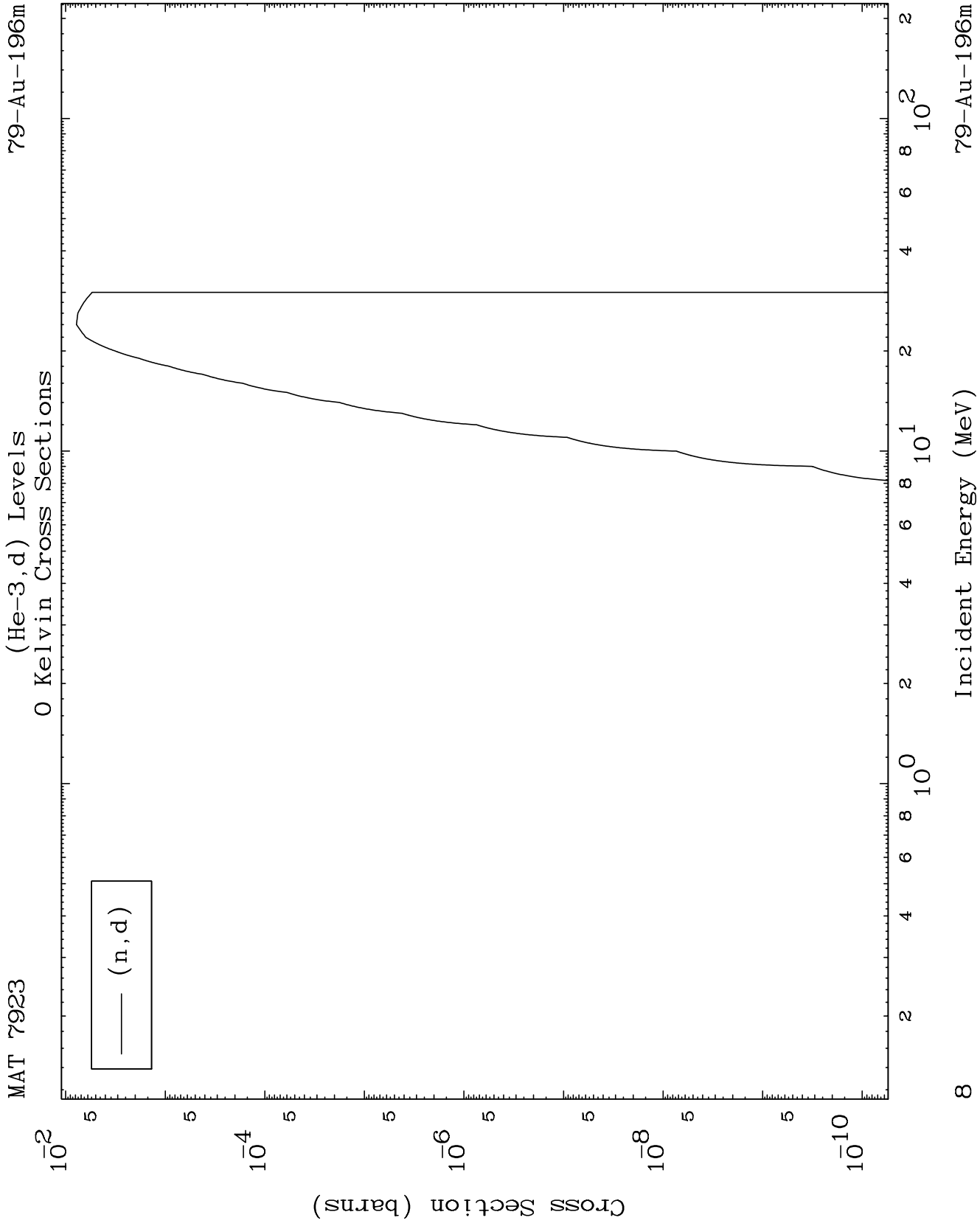
(He-3,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

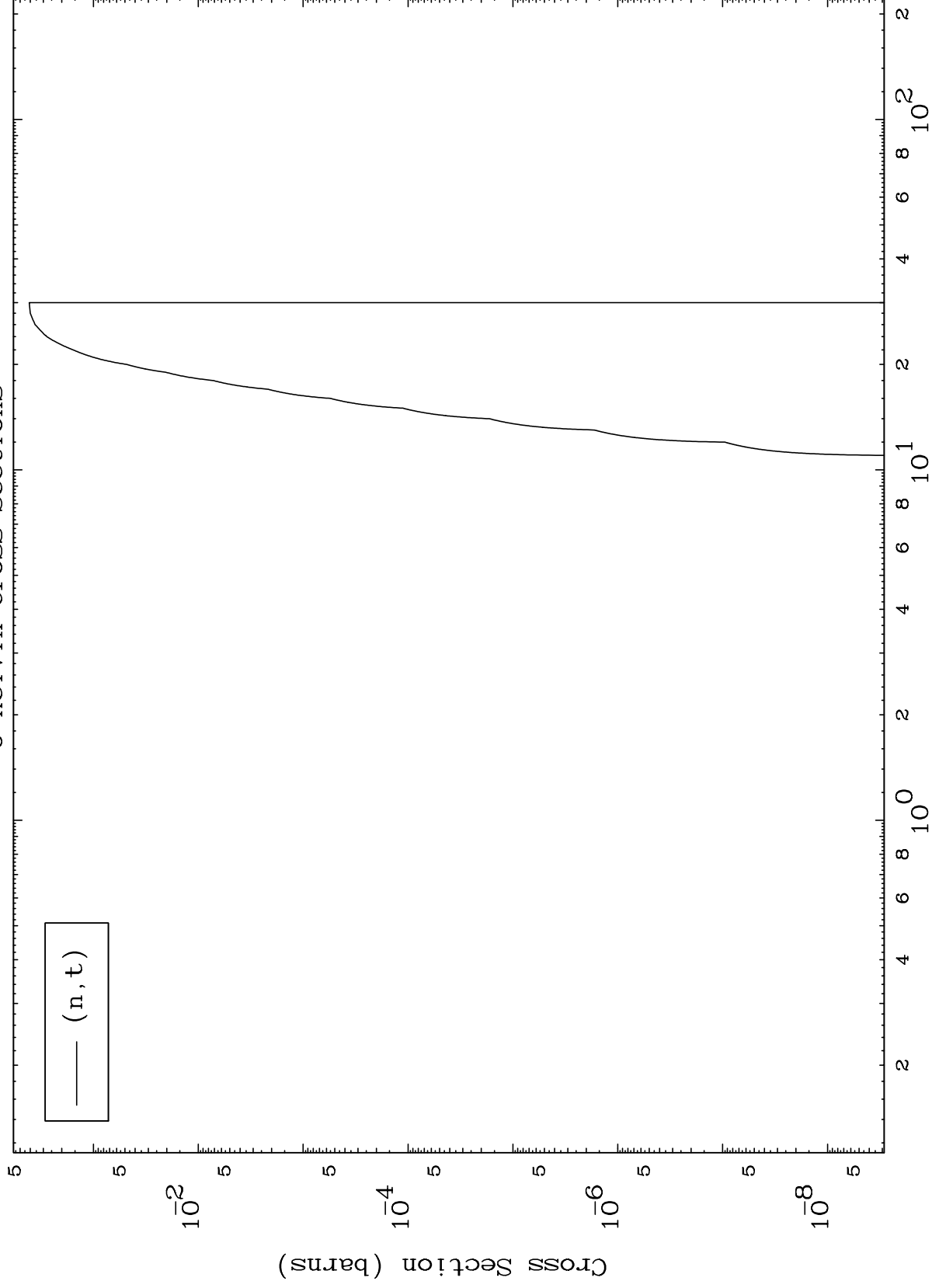
79-Au-196m



MAT 7923

79-Au-196m

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



— (n,t)

79-Au-196m

Incident Energy (MeV)

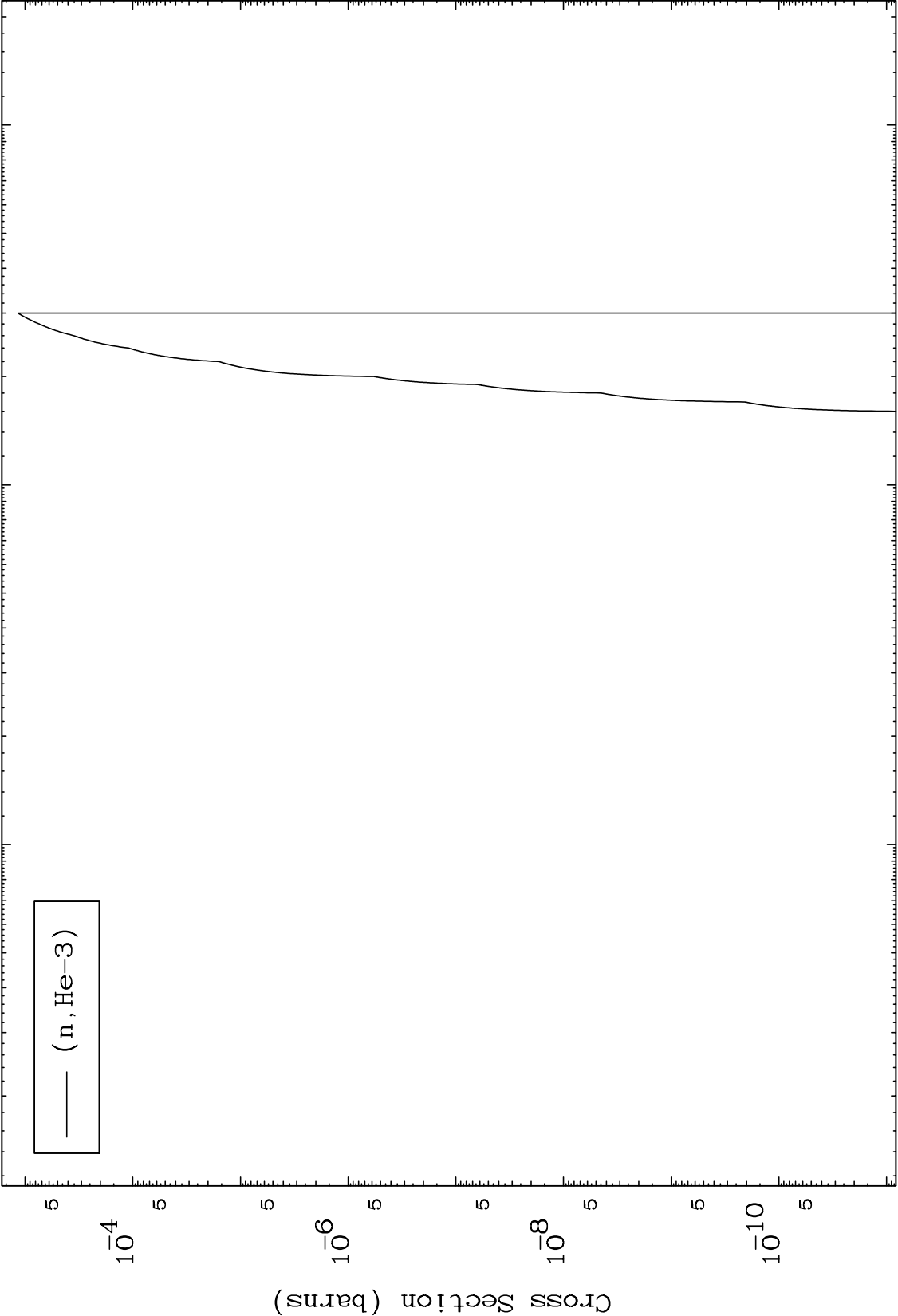
9

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(He-3,He3) Levels

79-Au-196m

0 Kelvin Cross Sections

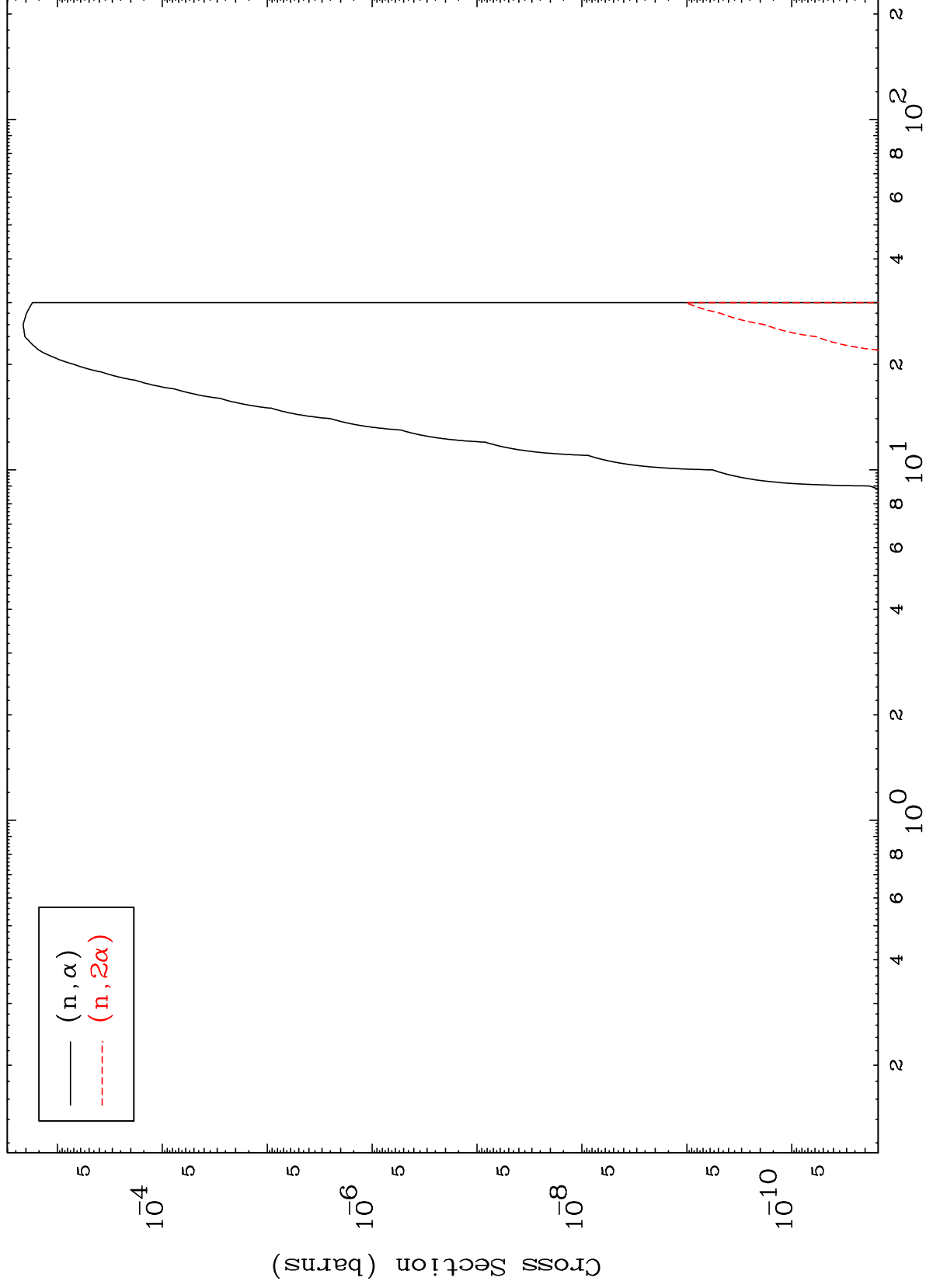


10

Incident Energy (MeV)

79-Au-196m

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

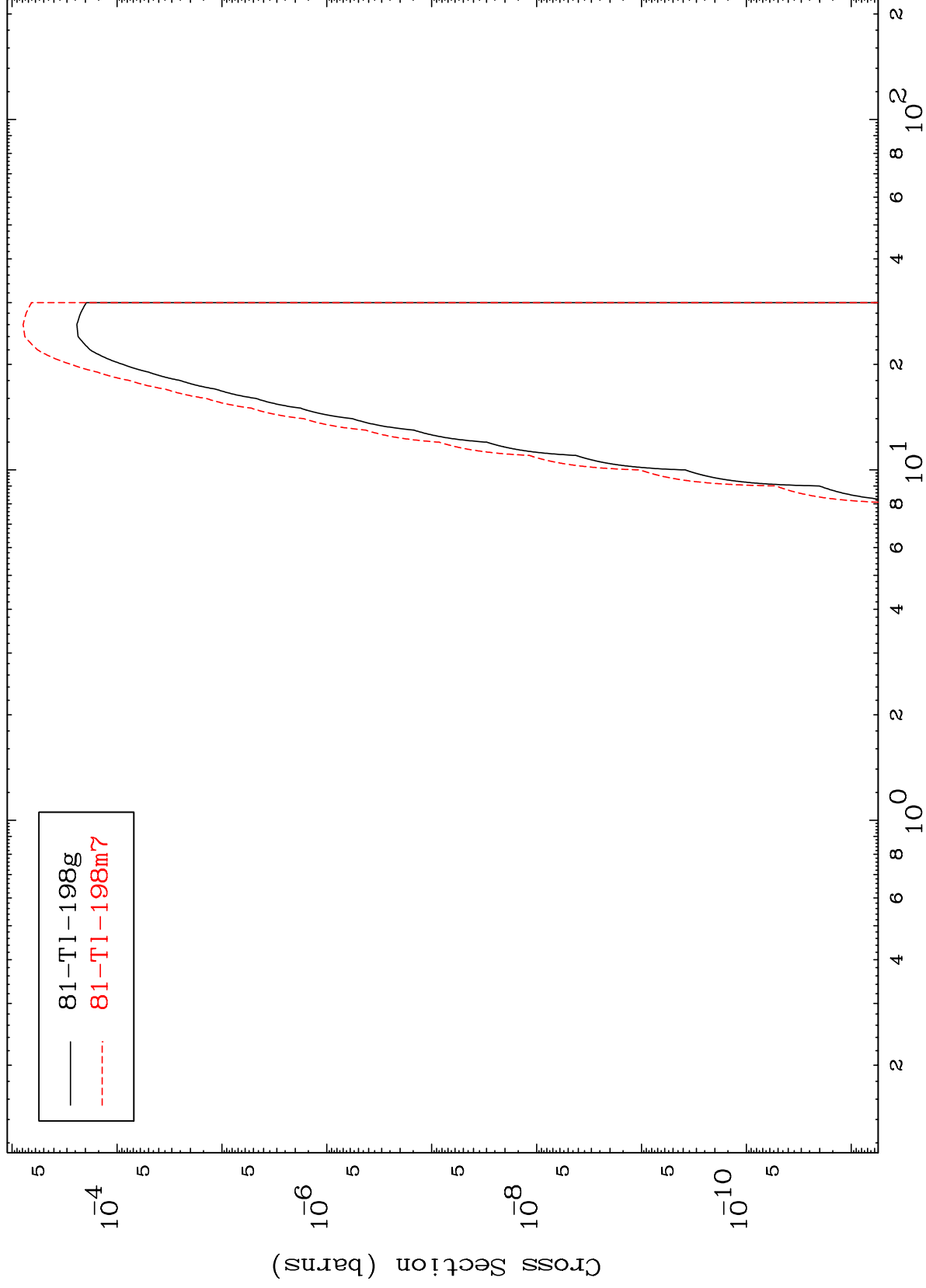


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Inelastic

⁷⁹Au-196m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

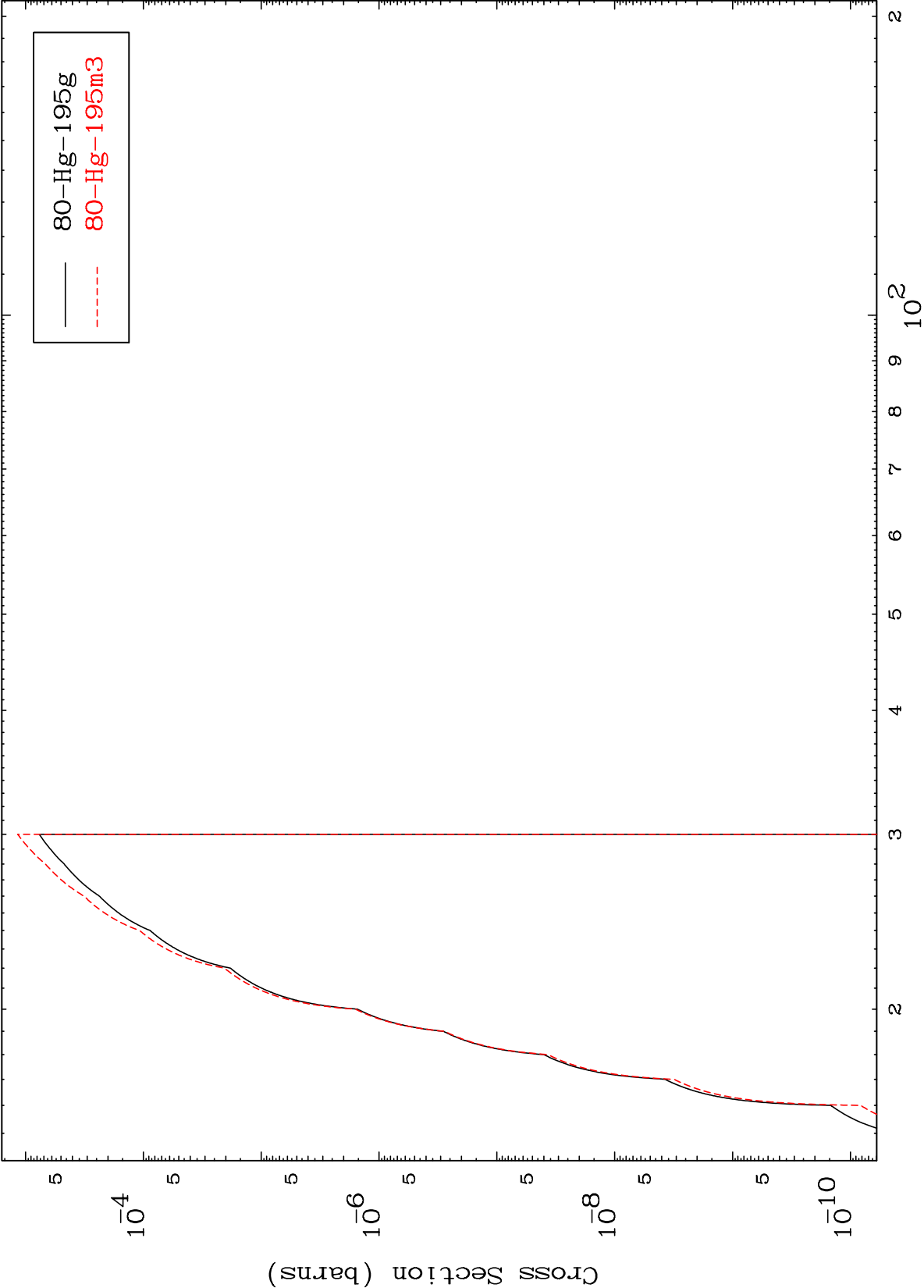
⁷⁹Au-196m

MAT 7923

(n,2n) d

⁷⁹Au-¹⁹⁶m

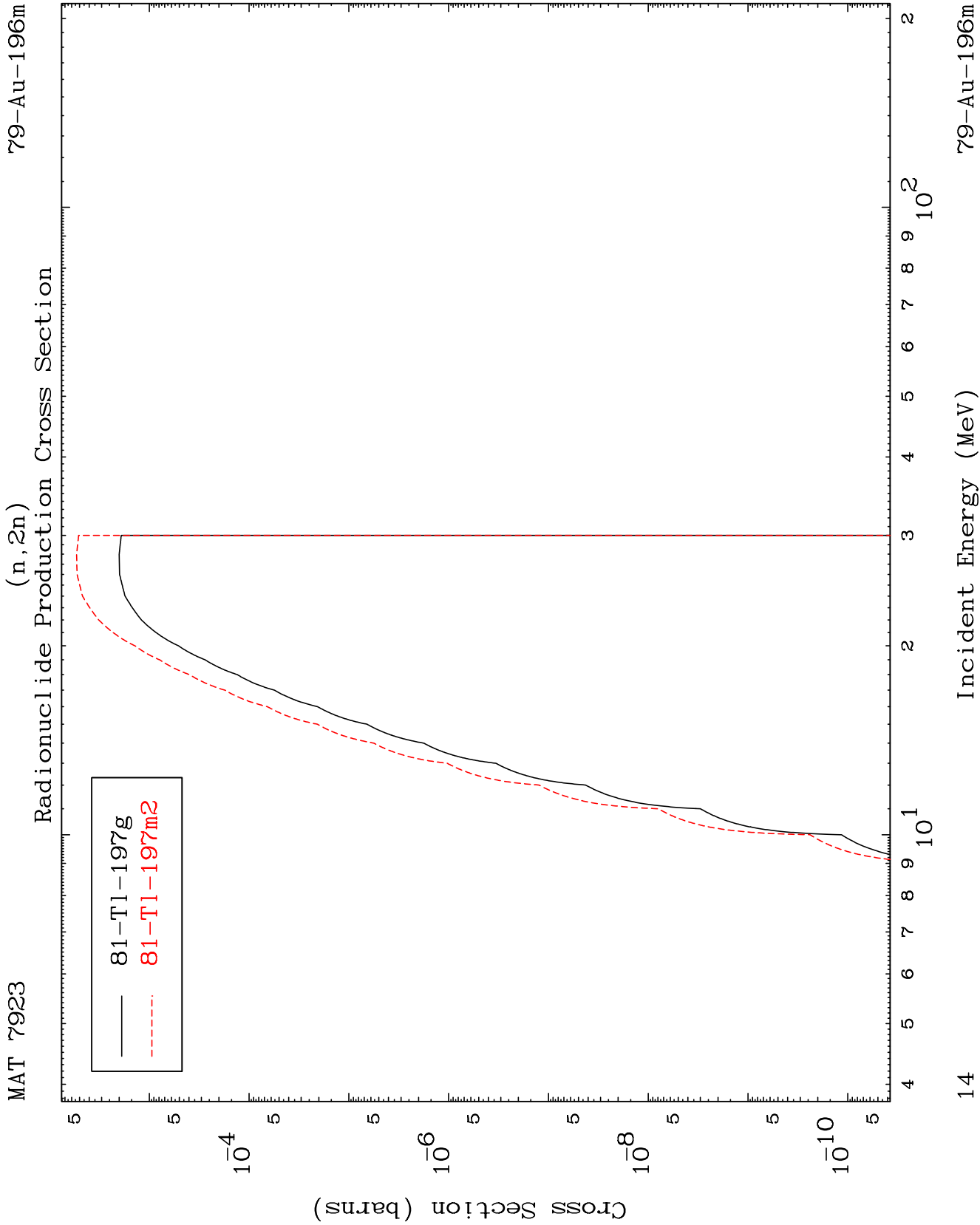
Radionuclide Production Cross Section



13

Incident Energy (MeV)

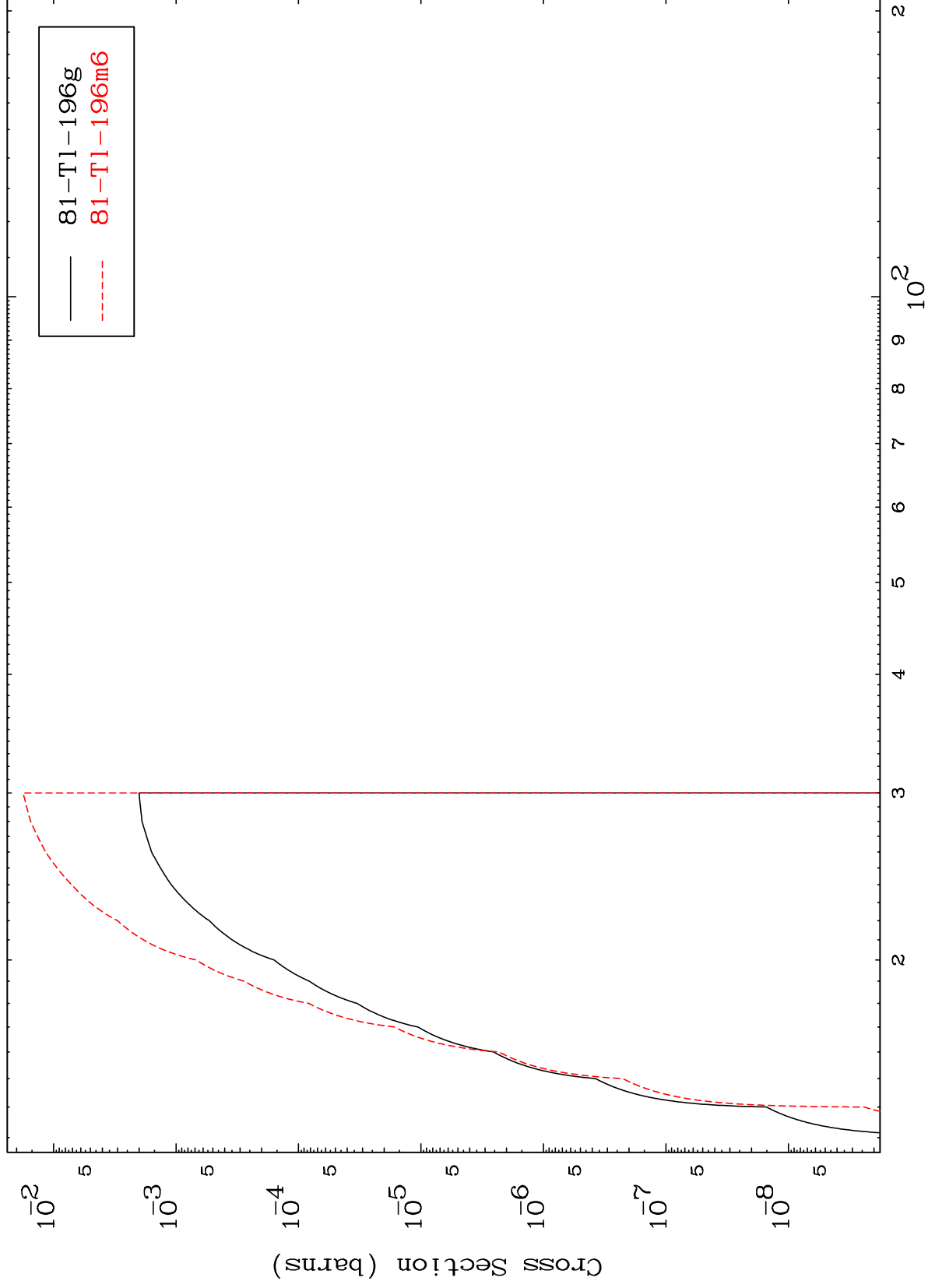
⁷⁹Au-¹⁹⁶m



MAT 7923

⁷⁹Au-196m

(n,3n)
Radionuclide Production Cross Section



⁷⁹Au-196m

Incident Energy (MeV)

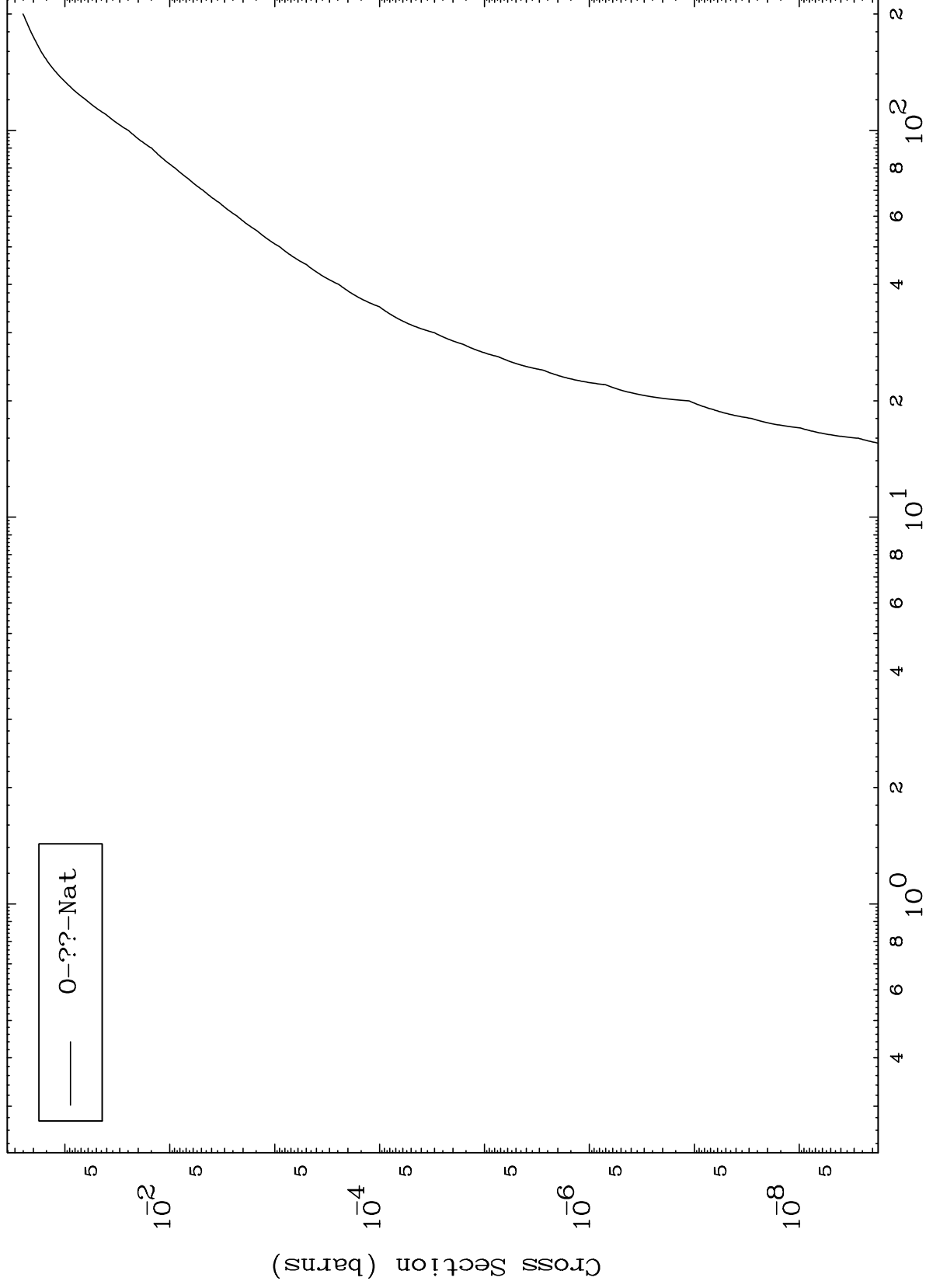
15

MAT 7923

Fission

⁷⁹Au-196m

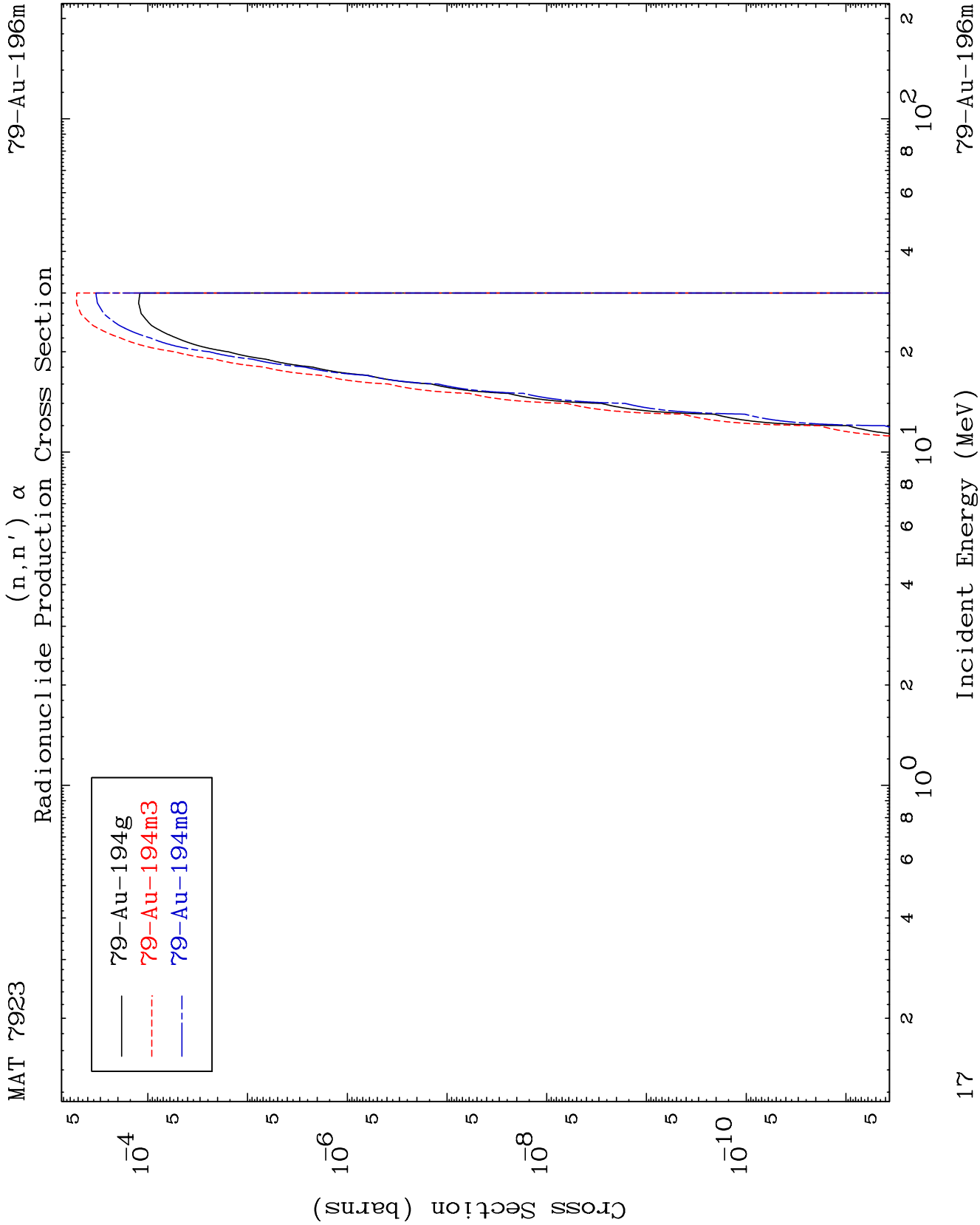
Radionuclide Production Cross Section

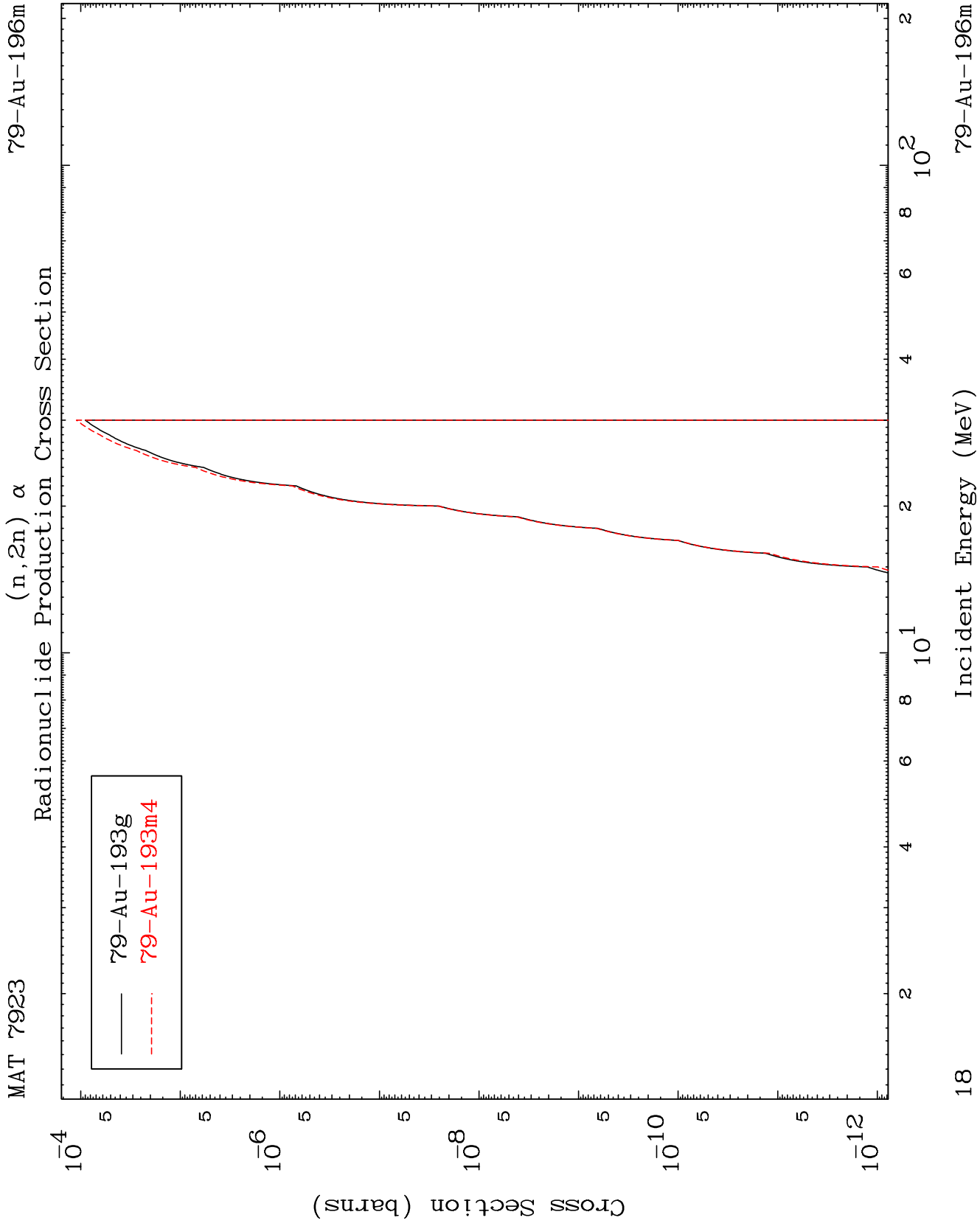


16

Incident Energy (MeV)

⁷⁹Au-196m

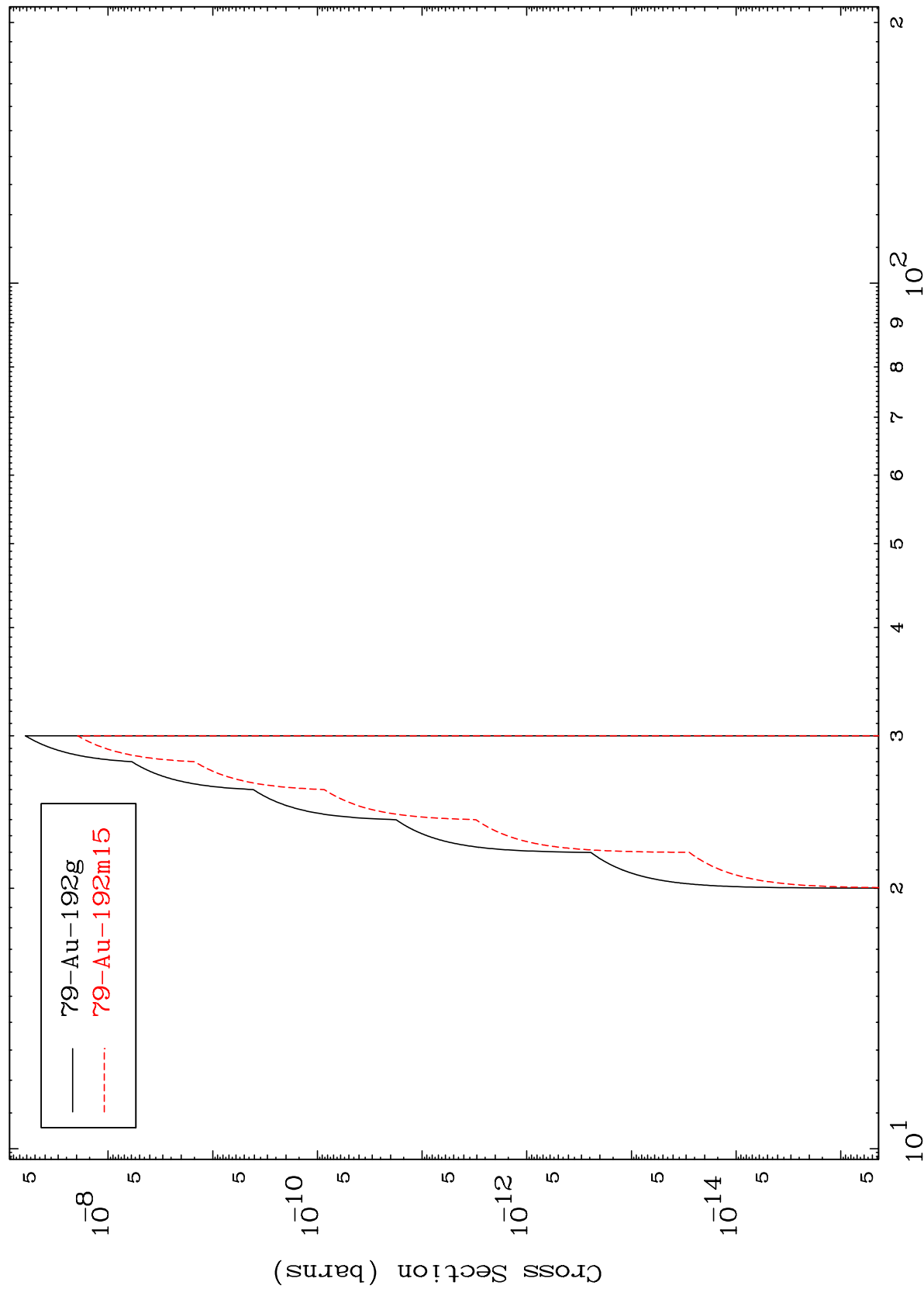




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$^{79}\text{Au-196m}$

Radionuclide Production Cross Section
(n,3n) α



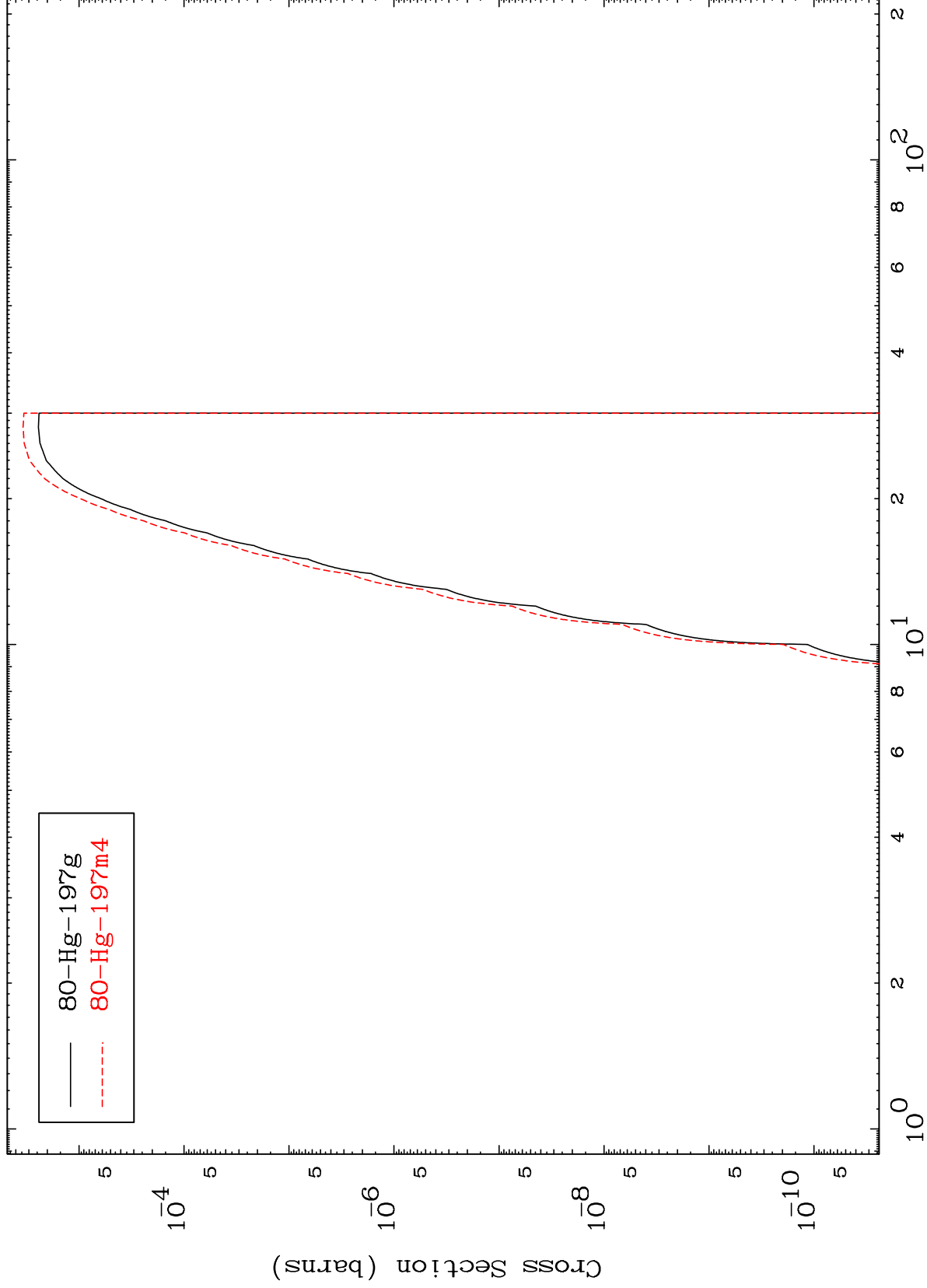
$^{79}\text{Au-196m}$

Incident Energy (MeV)

MAT 7923

79-Au-196m

(n,n') p
Radionuclide Production Cross Section



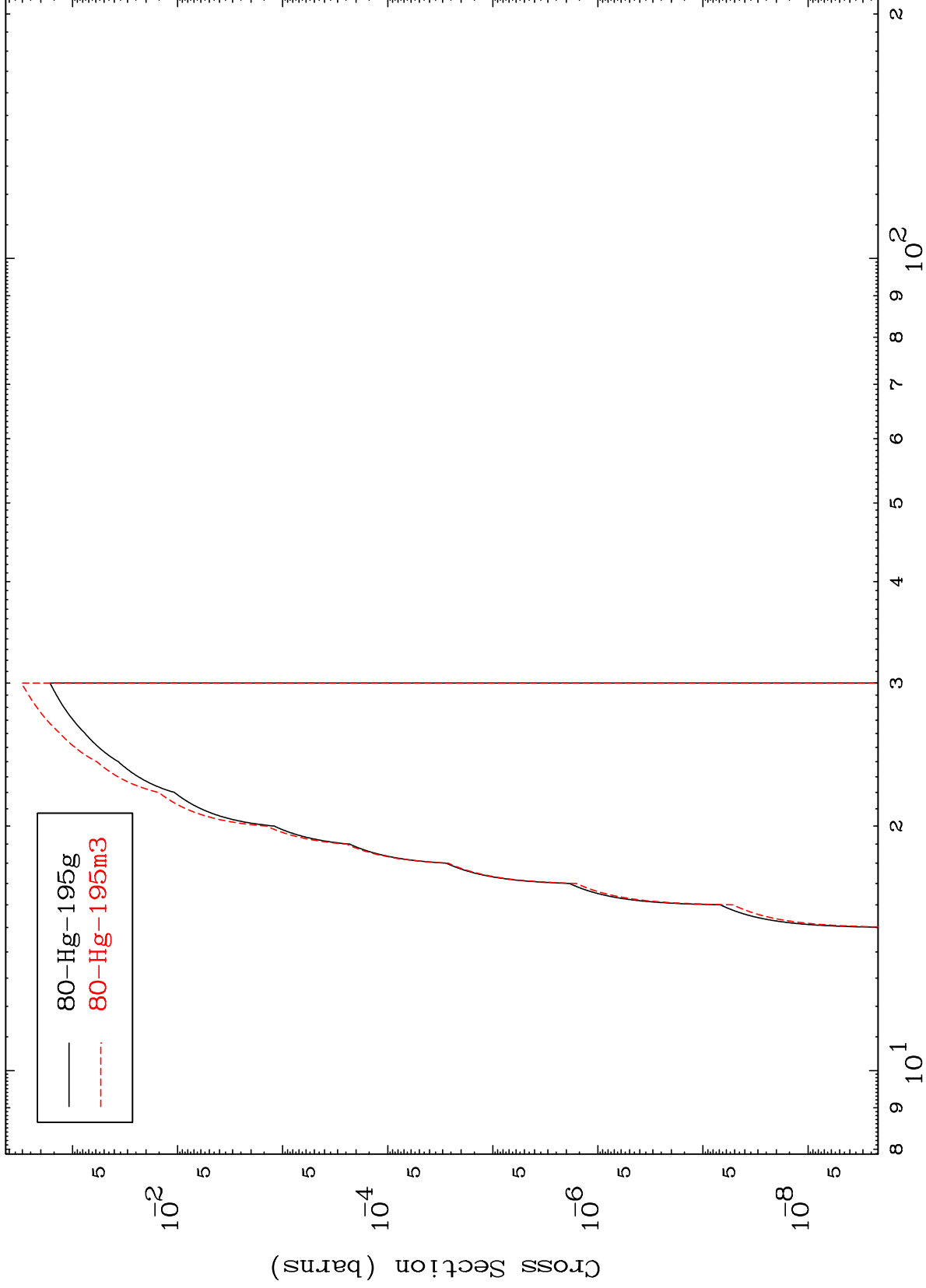
Incident Energy (MeV)

79-Au-196m

MAT 7923

79-Au-196m

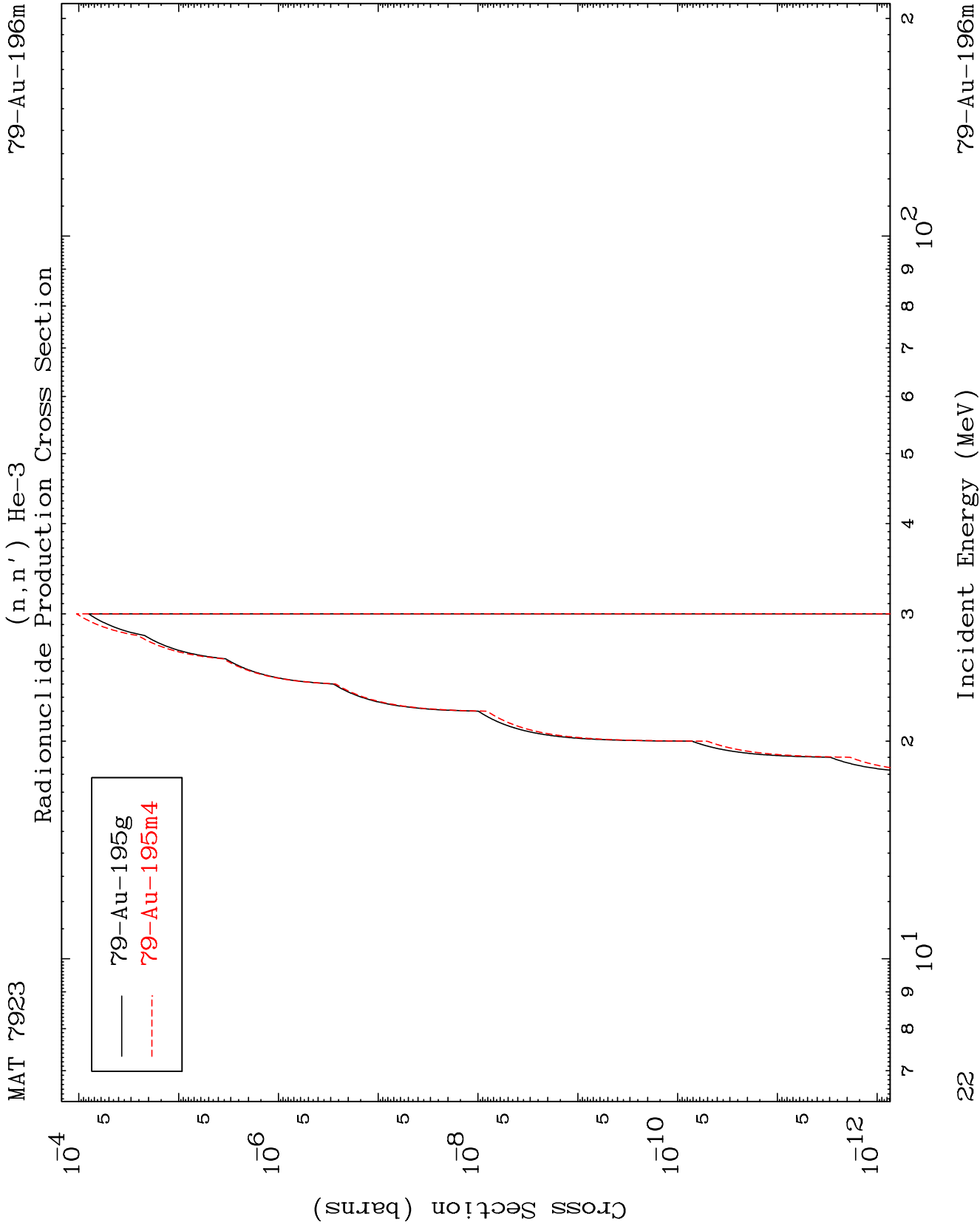
(n,n') t
Radionuclide Production Cross Section



79-Au-196m

Incident Energy (MeV)

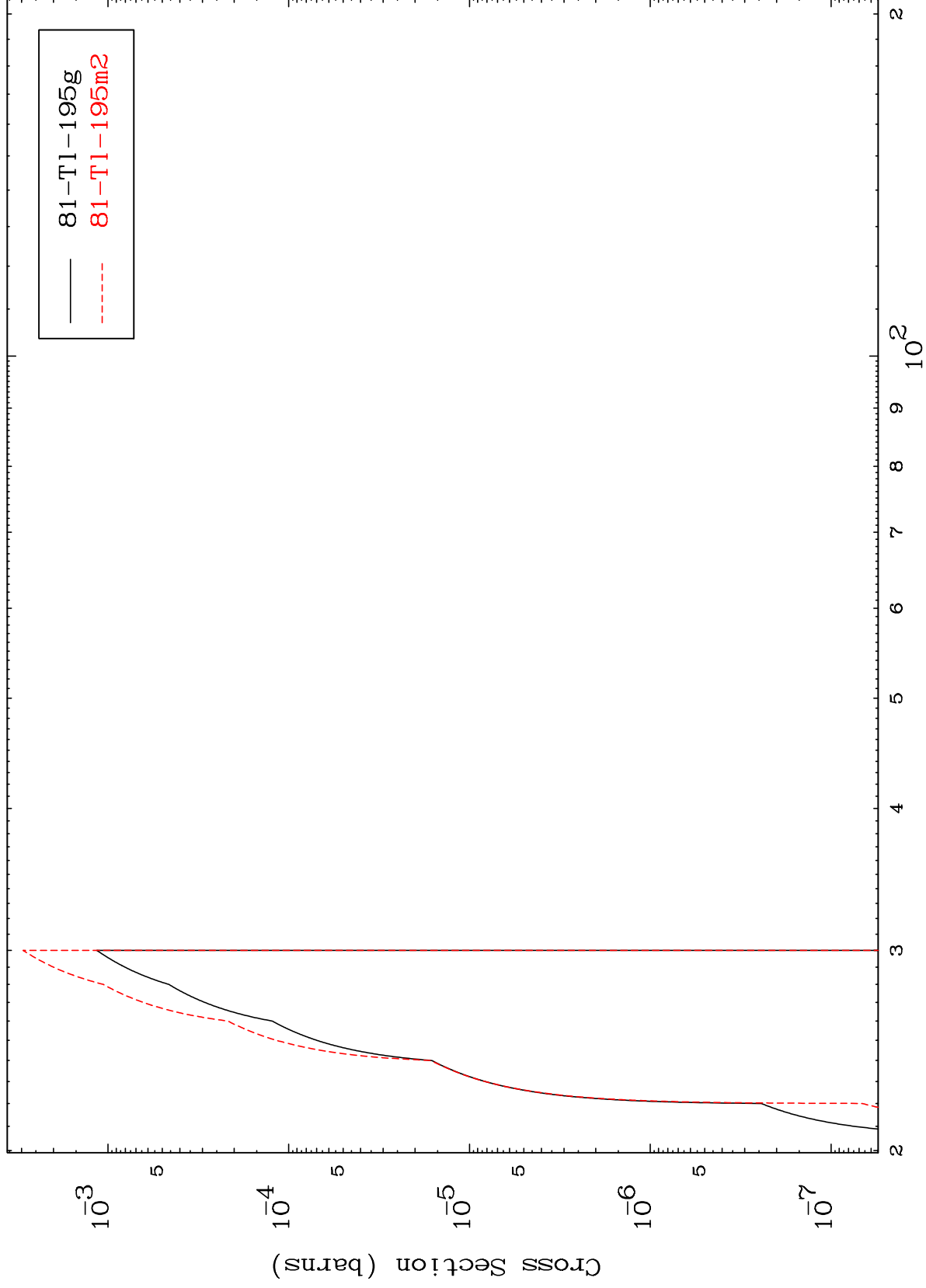
21



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79-Au-196m

(n,4n)
Radionuclide Production Cross Section



23

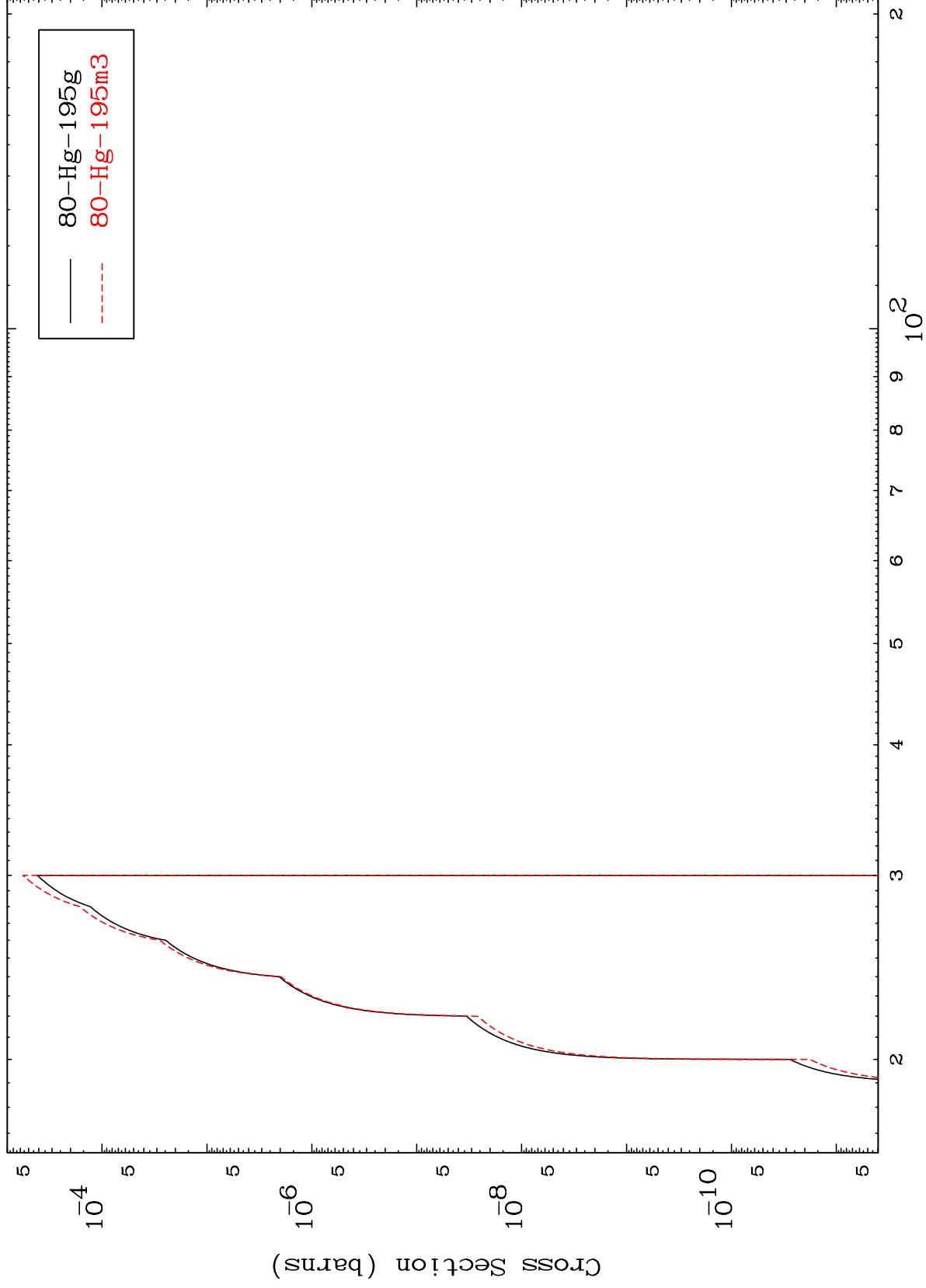
Incident Energy (MeV)

79-Au-196m

MAT 7923

79-Au-196m

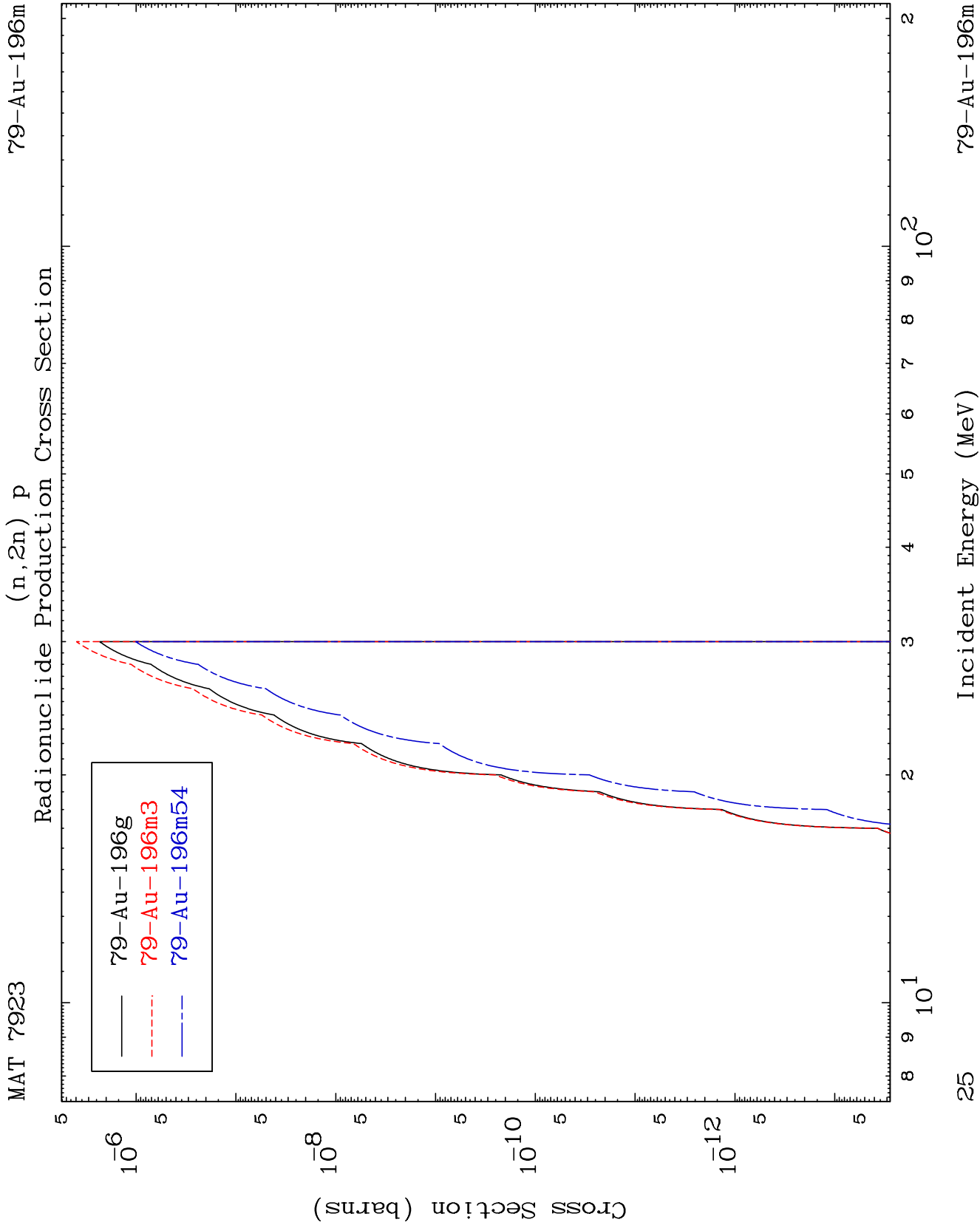
(n,3n) p
Radionuclide Production Cross Section



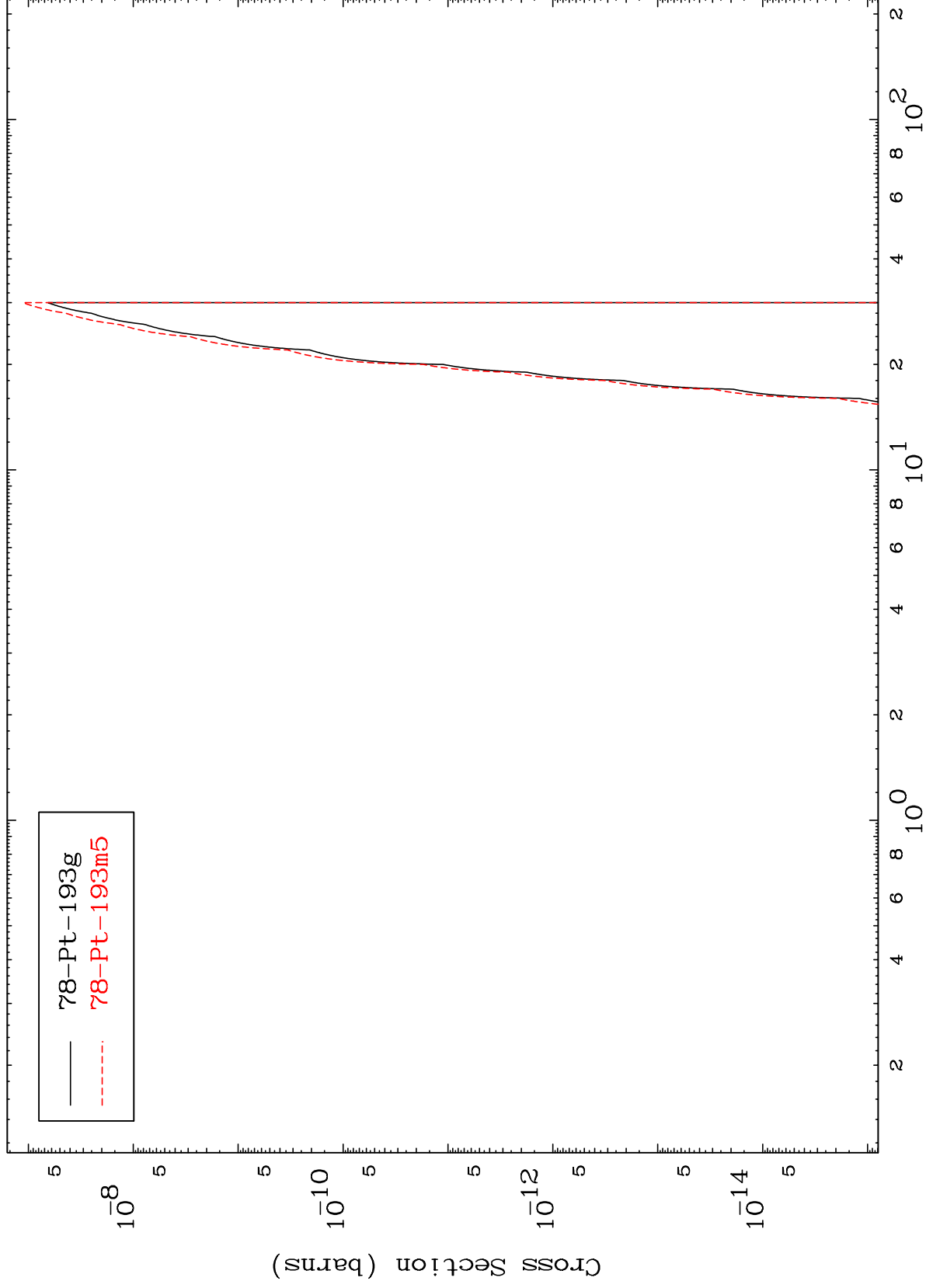
24

Incident Energy (MeV)

79-Au-196m



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

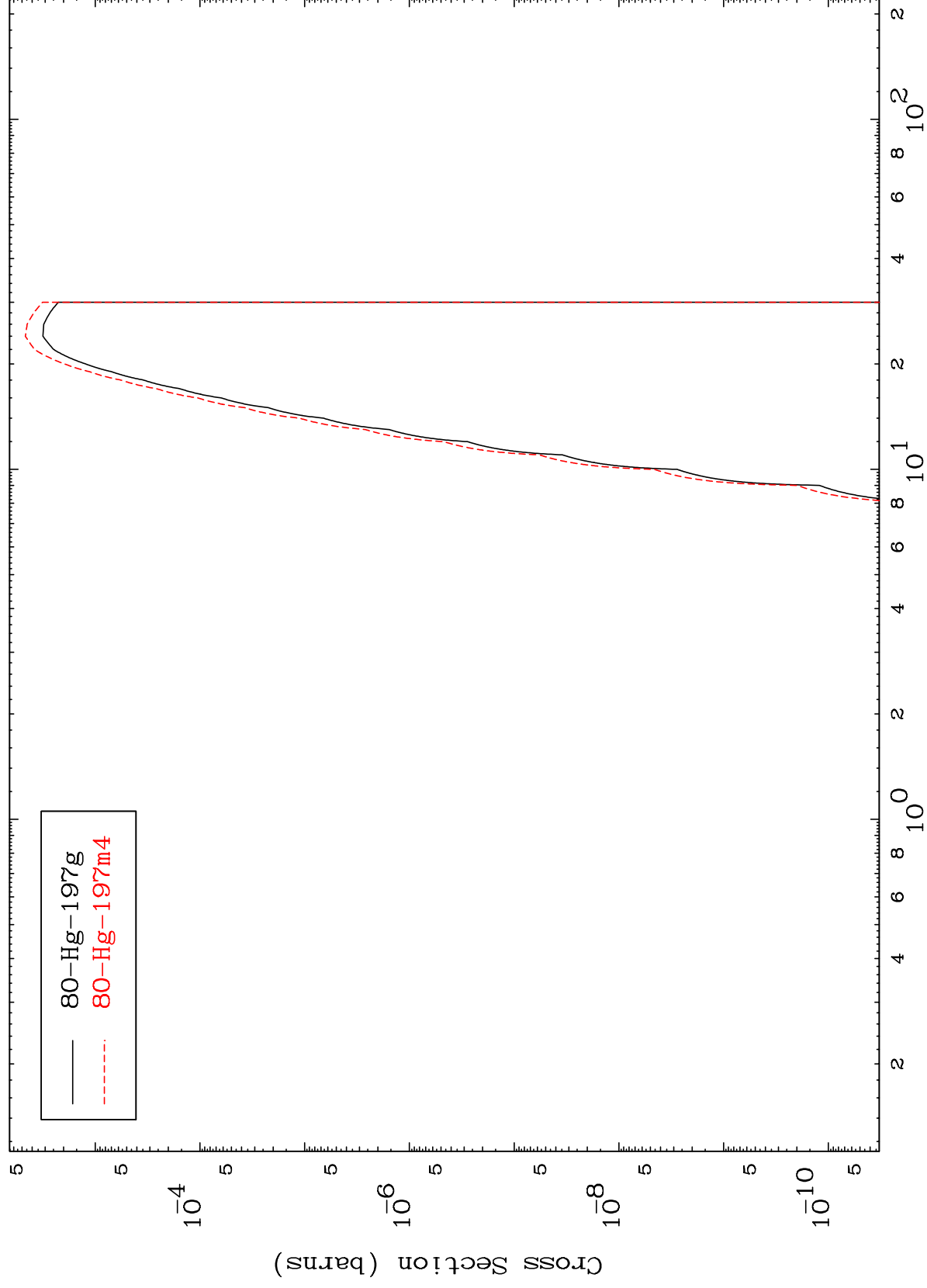


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(n,d)

⁷⁹Au-196m

Radionuclide Production Cross Section

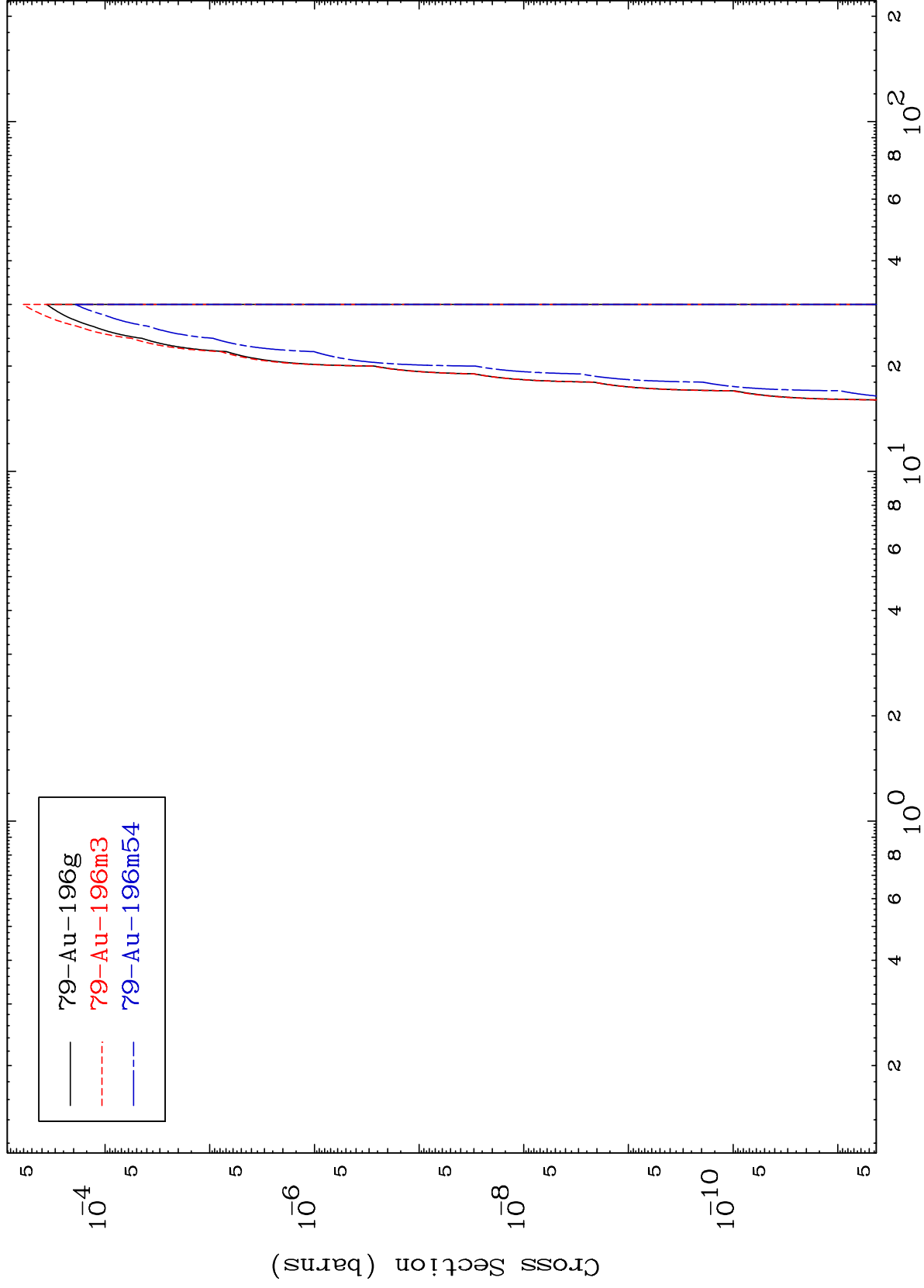


27

Incident Energy (MeV)

⁷⁹Au-196m

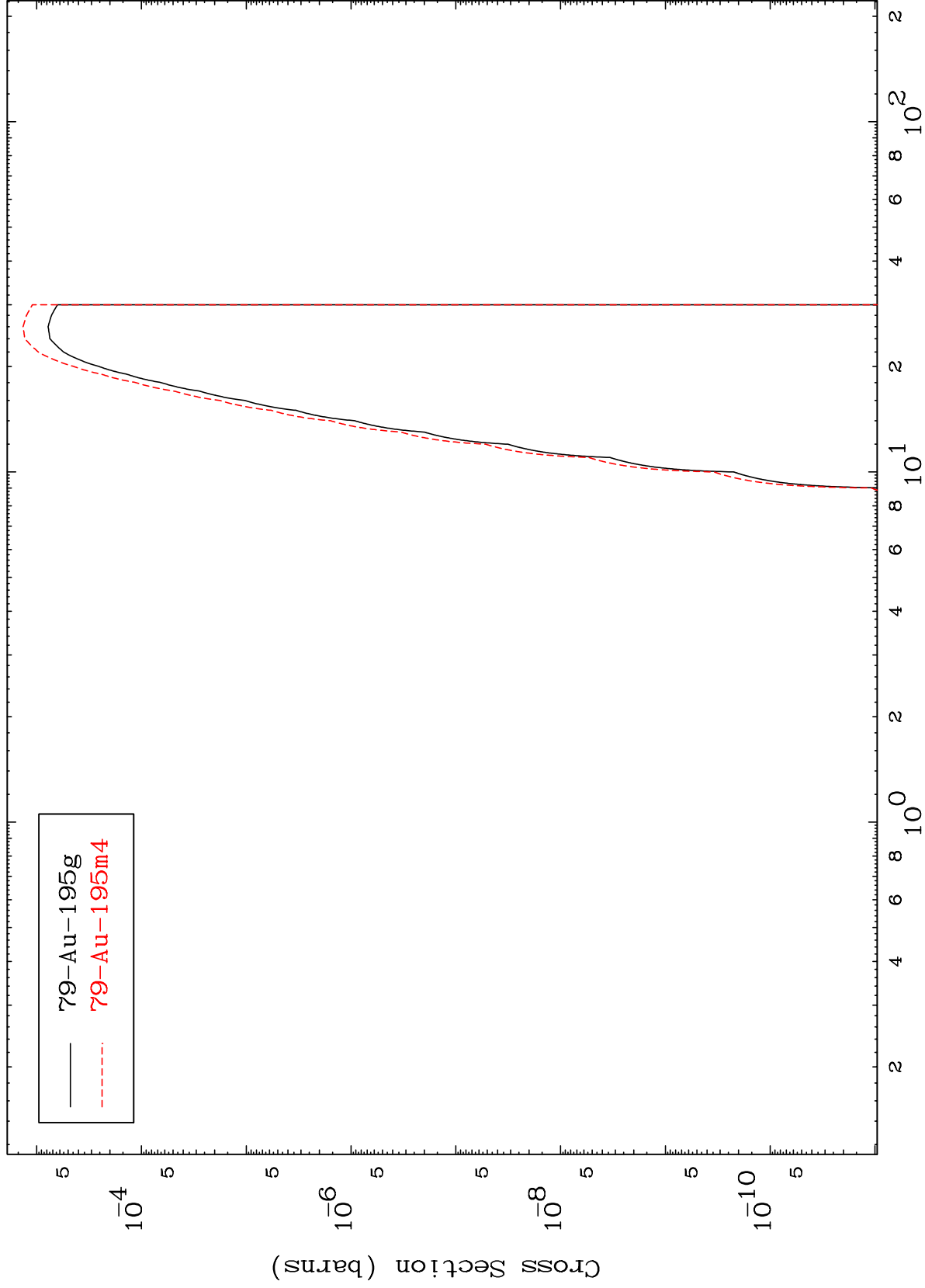
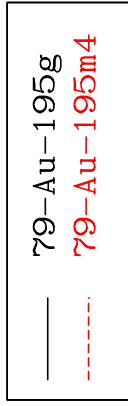
Radionuclide Production Cross Section
(n,He-3)



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⁷⁹Au-196m

Radionuclide Production Cross Section



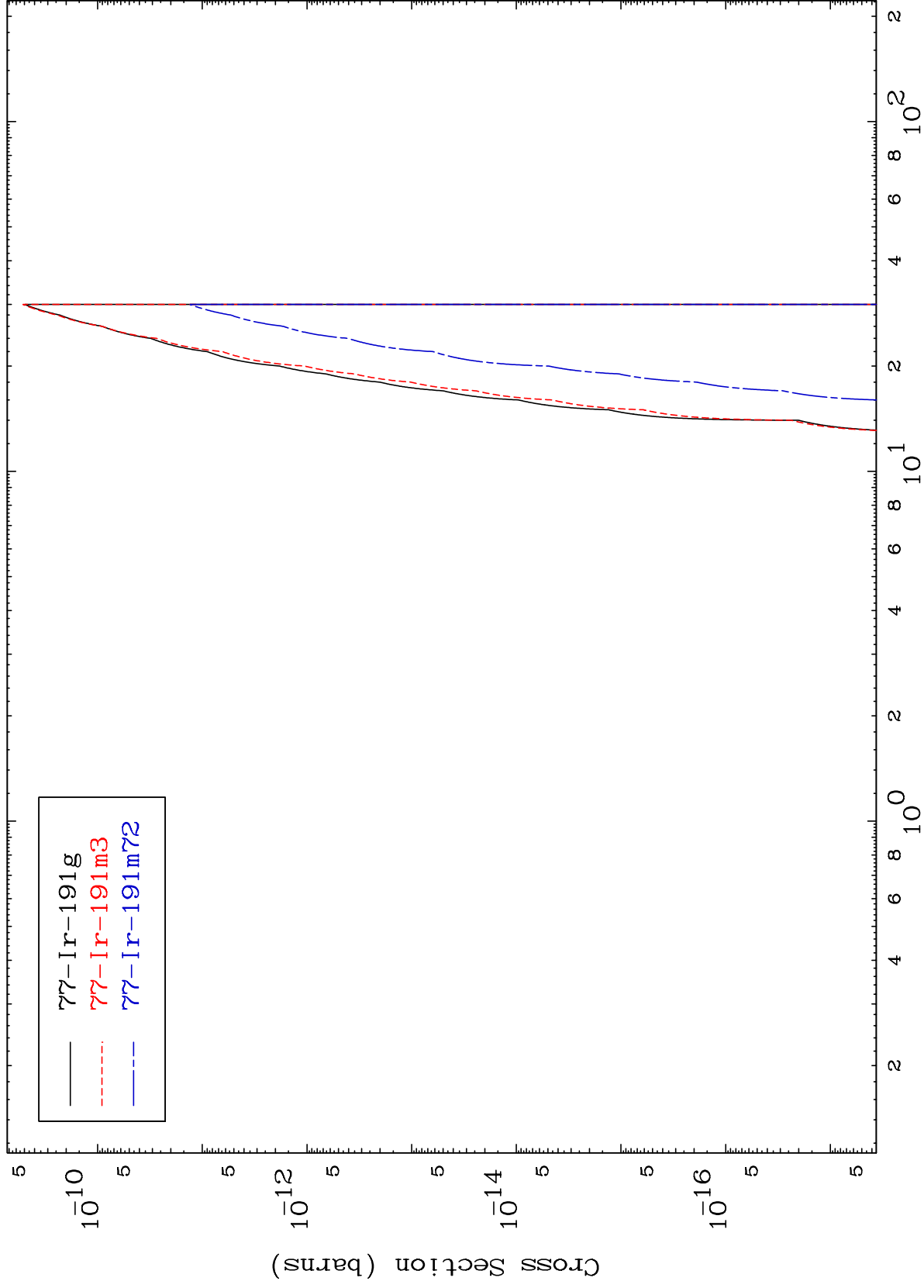
29

⁷⁹Au-196m

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79-Au-196m

Radionuclide Production Cross Section
(n,2 α)



30

Incident Energy (MeV)

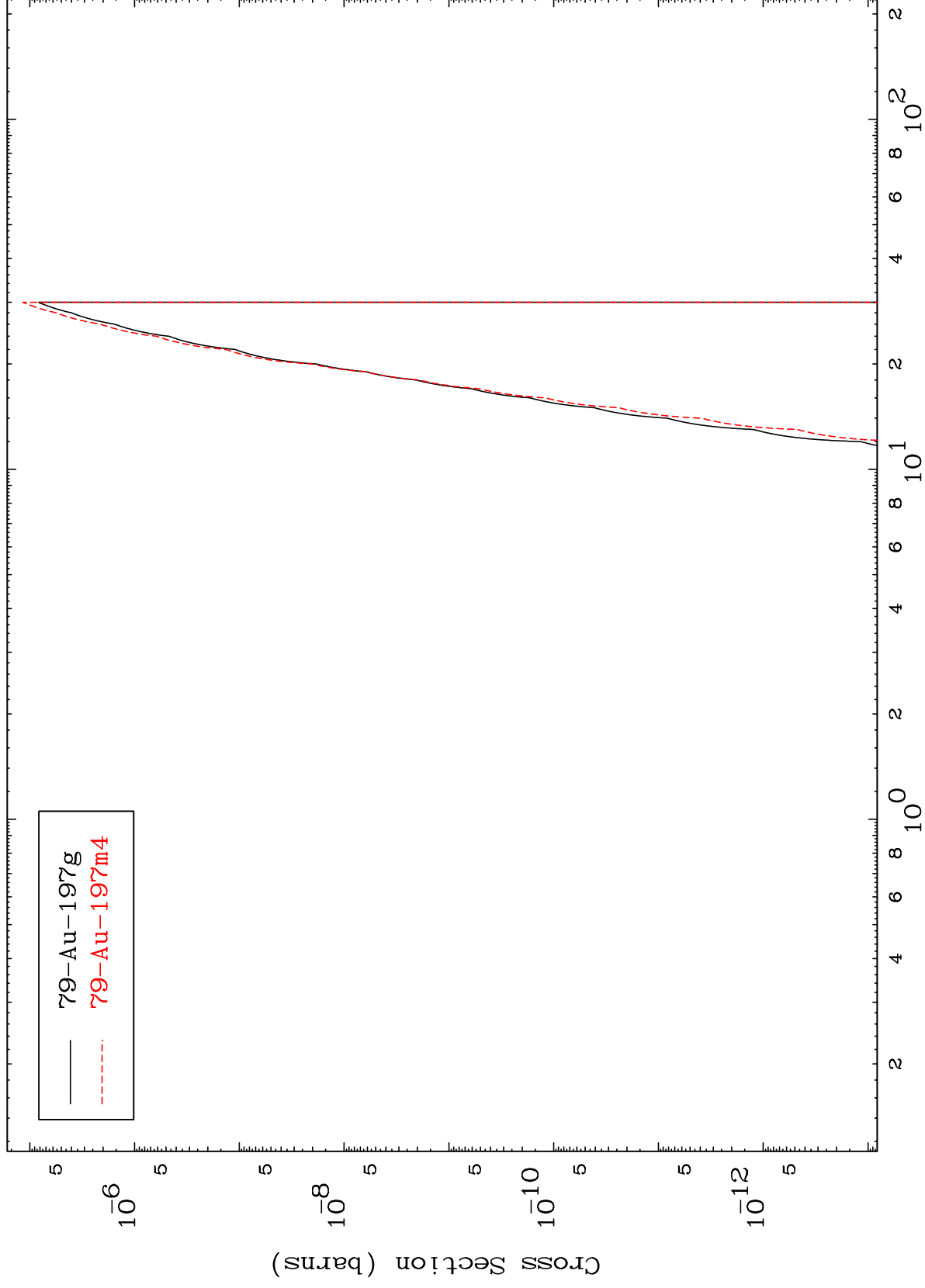
79-Au-196m

MAT 7923

(n,2p)

⁷⁹Au-196m

Radionuclide Production Cross Section



31

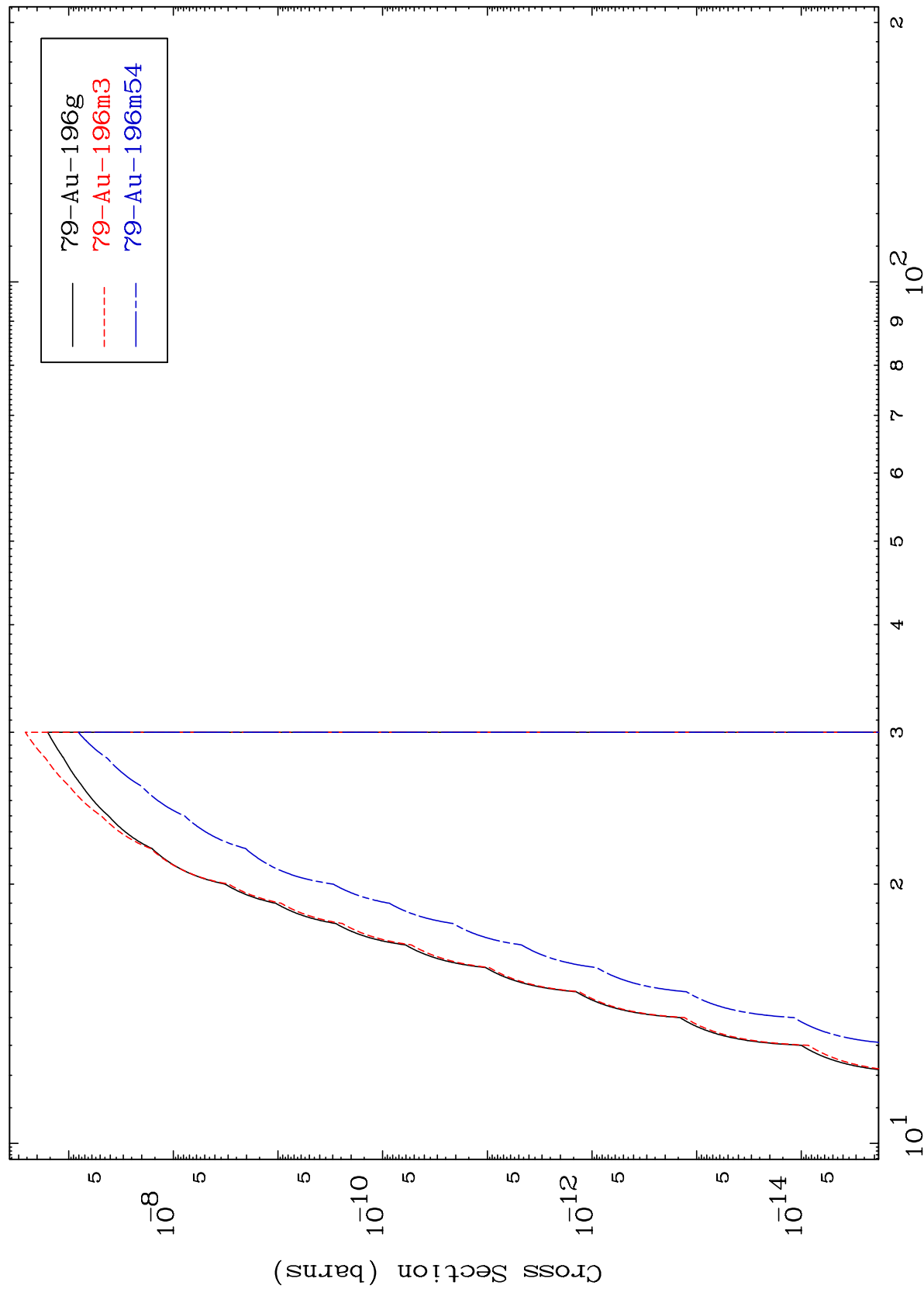
Incident Energy (MeV)

⁷⁹Au-196m

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

$(n,p) d$
Radionuclide Production Cross Section



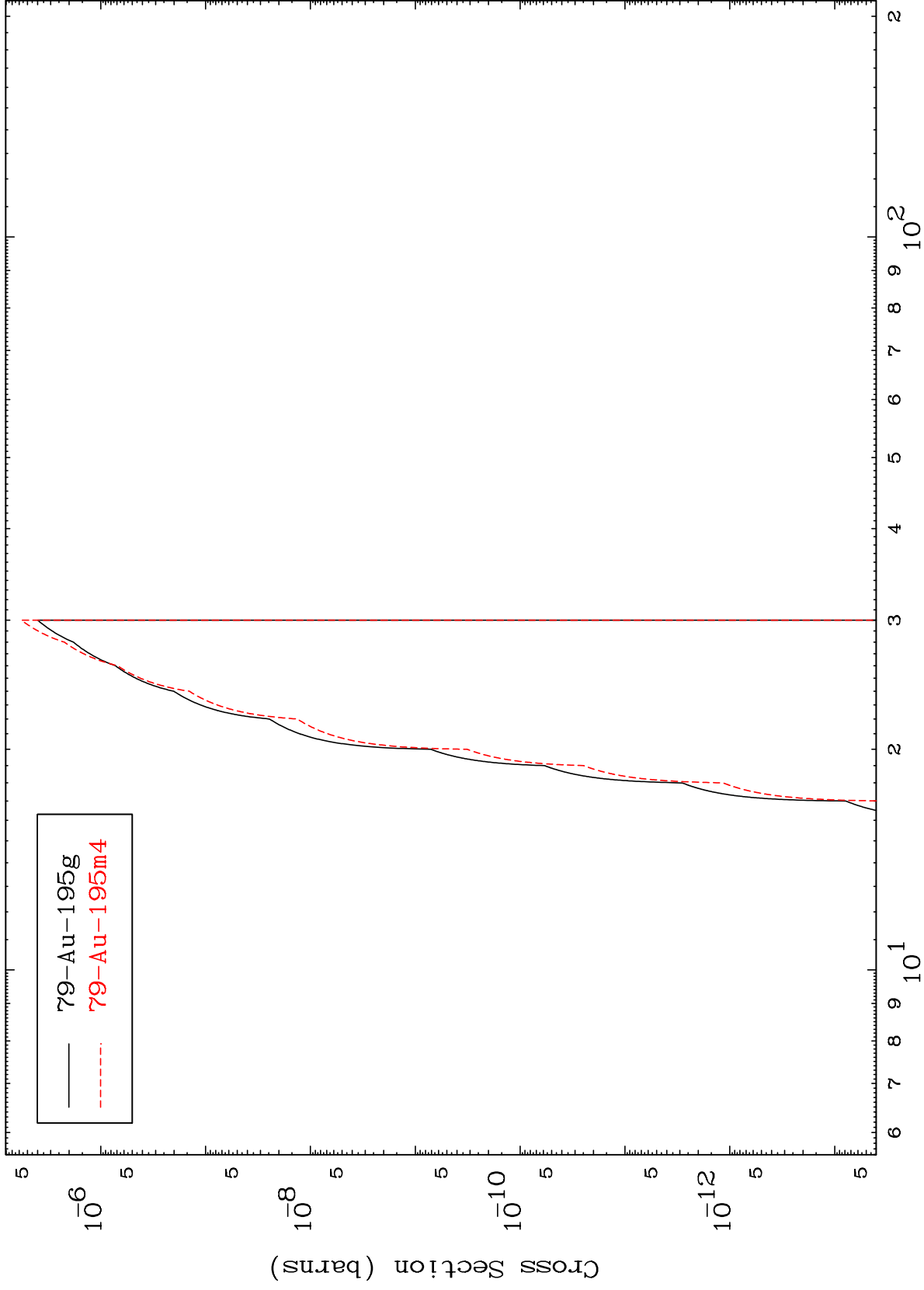
$^{79}\text{Au-196m}$

Incident Energy (MeV)

MAT 7923

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

(n,p) t
Radionuclide Production Cross Section



33

Incident Energy (MeV)

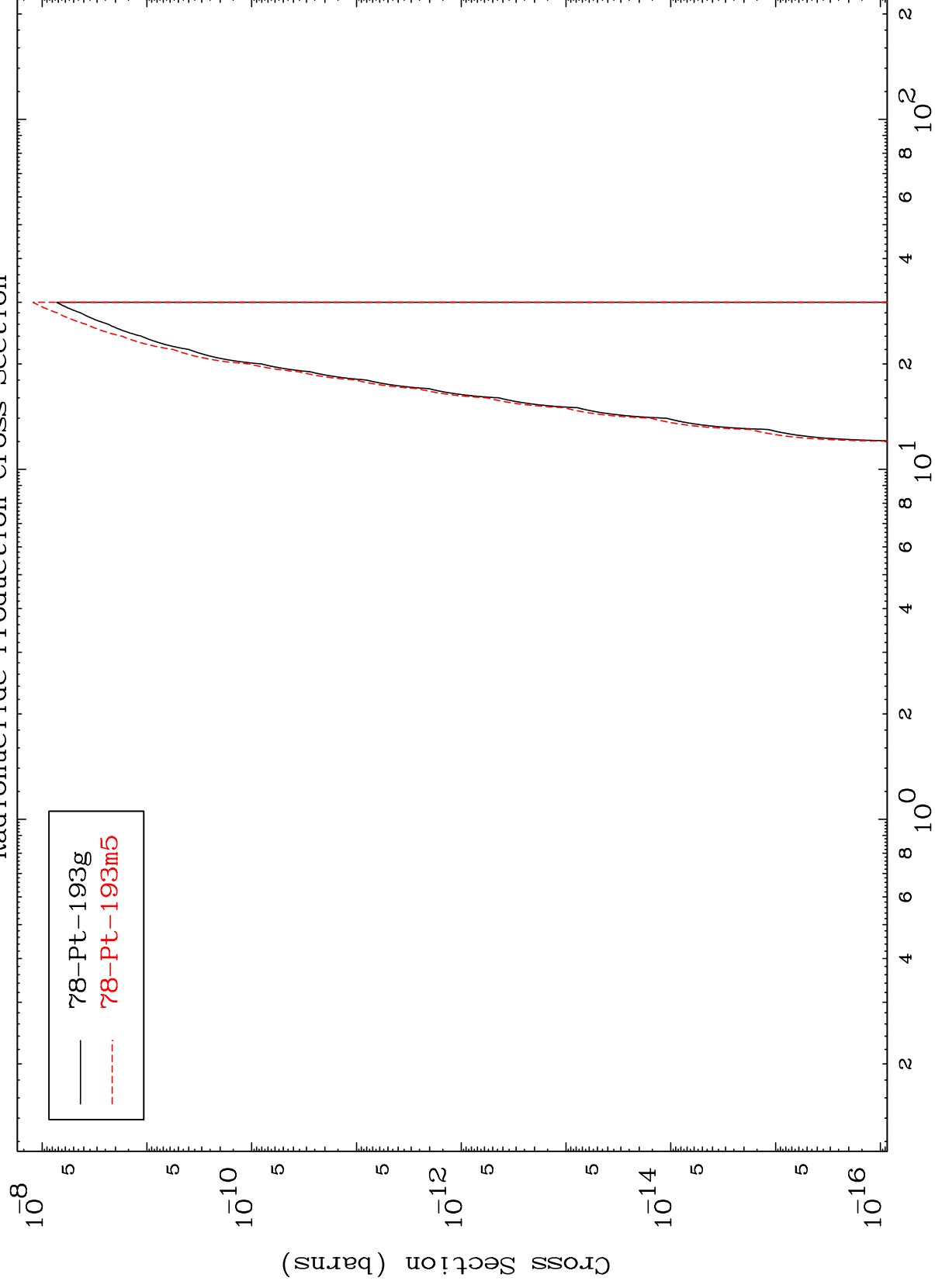
$^{79}\text{Au-196m}$

MAT 7923

(n,d) α

⁷⁹Au-¹⁹⁶m

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

34

Incident Energy (MeV)

⁷⁹Au-¹⁹⁶m