

Program EVALPLOT
(Version 2021-1)

by

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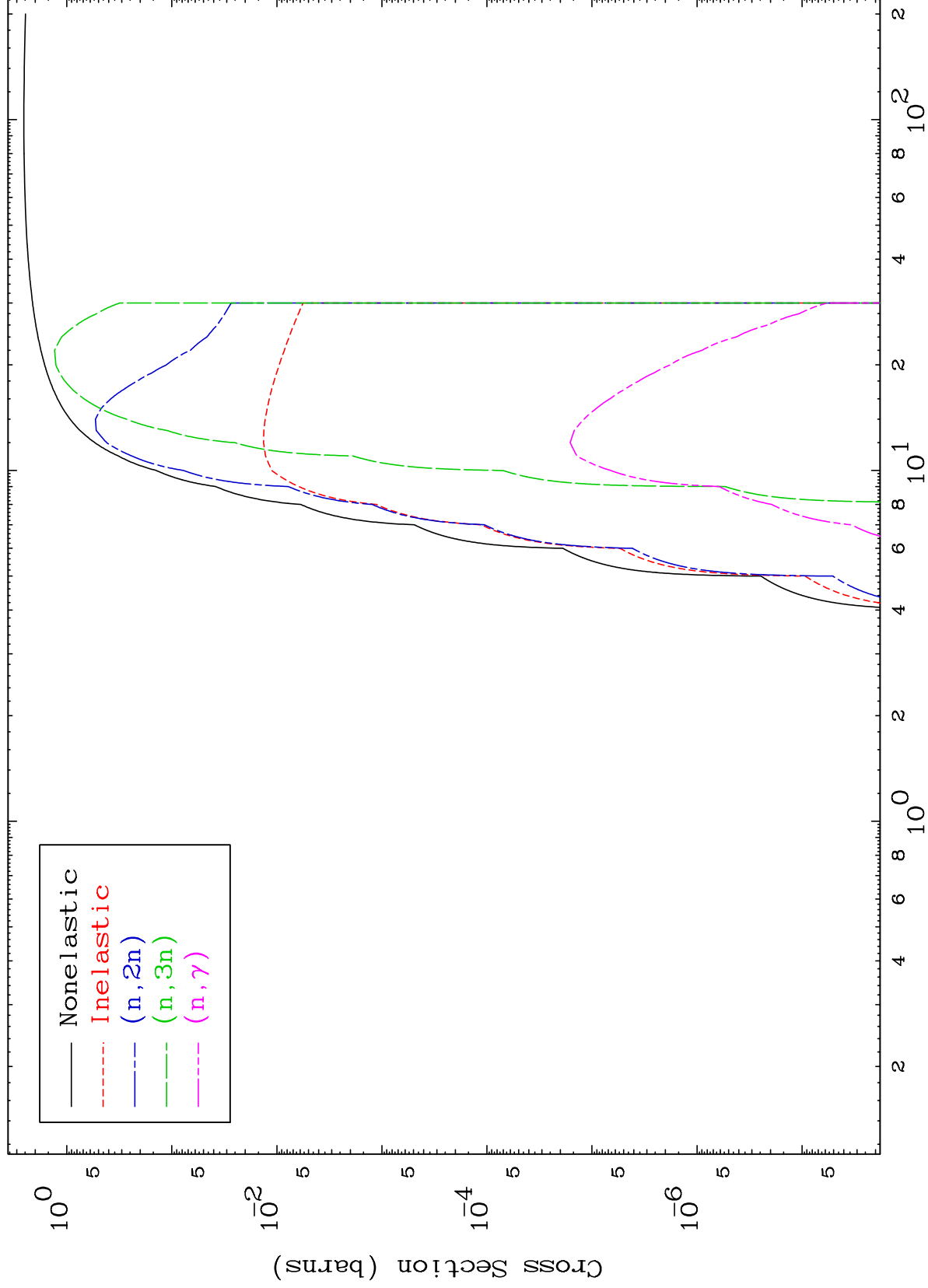
Press Mouse Button to Start

MAT 7924

Triton Major

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

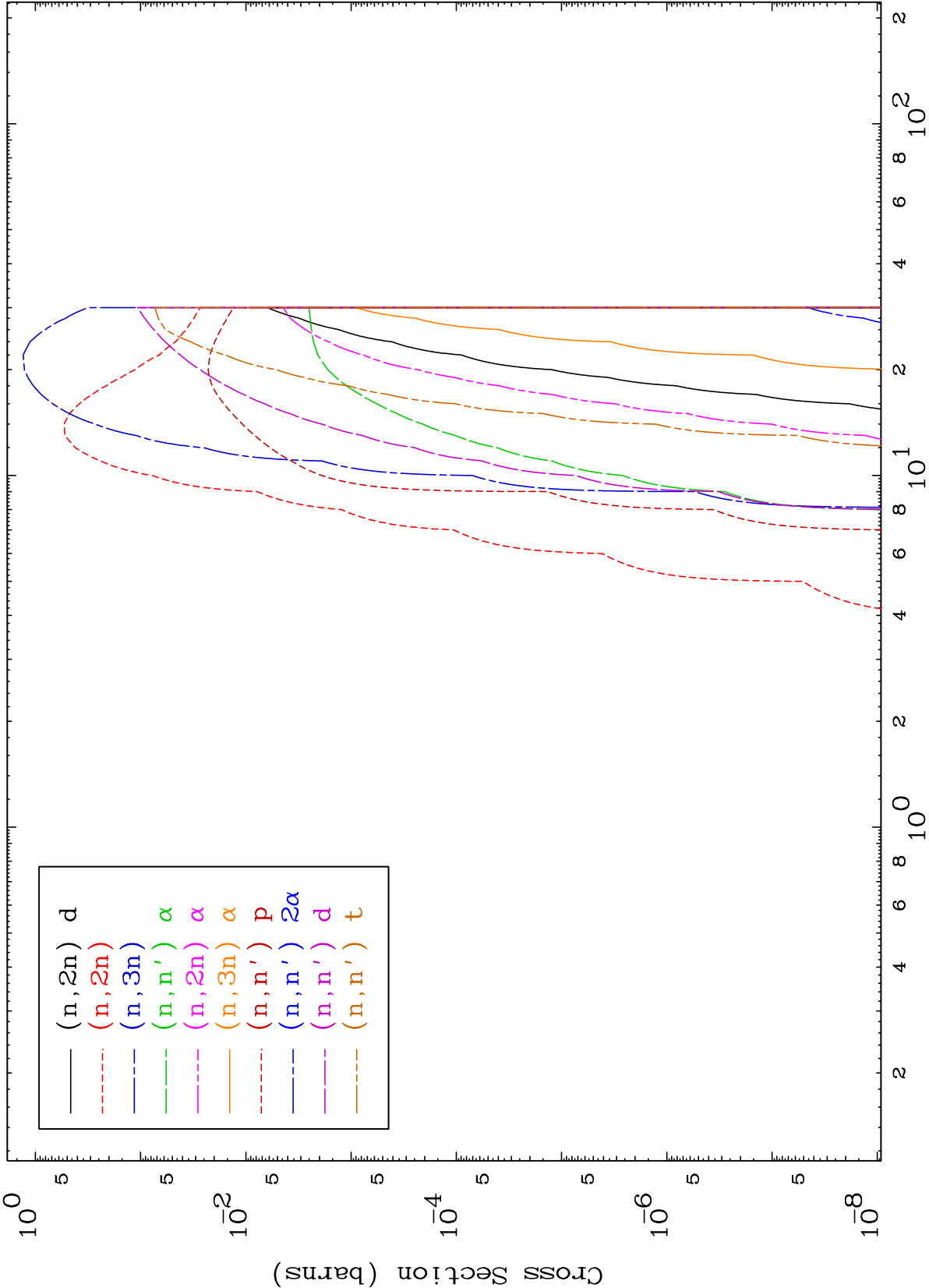
0 Kelvin Cross Sections

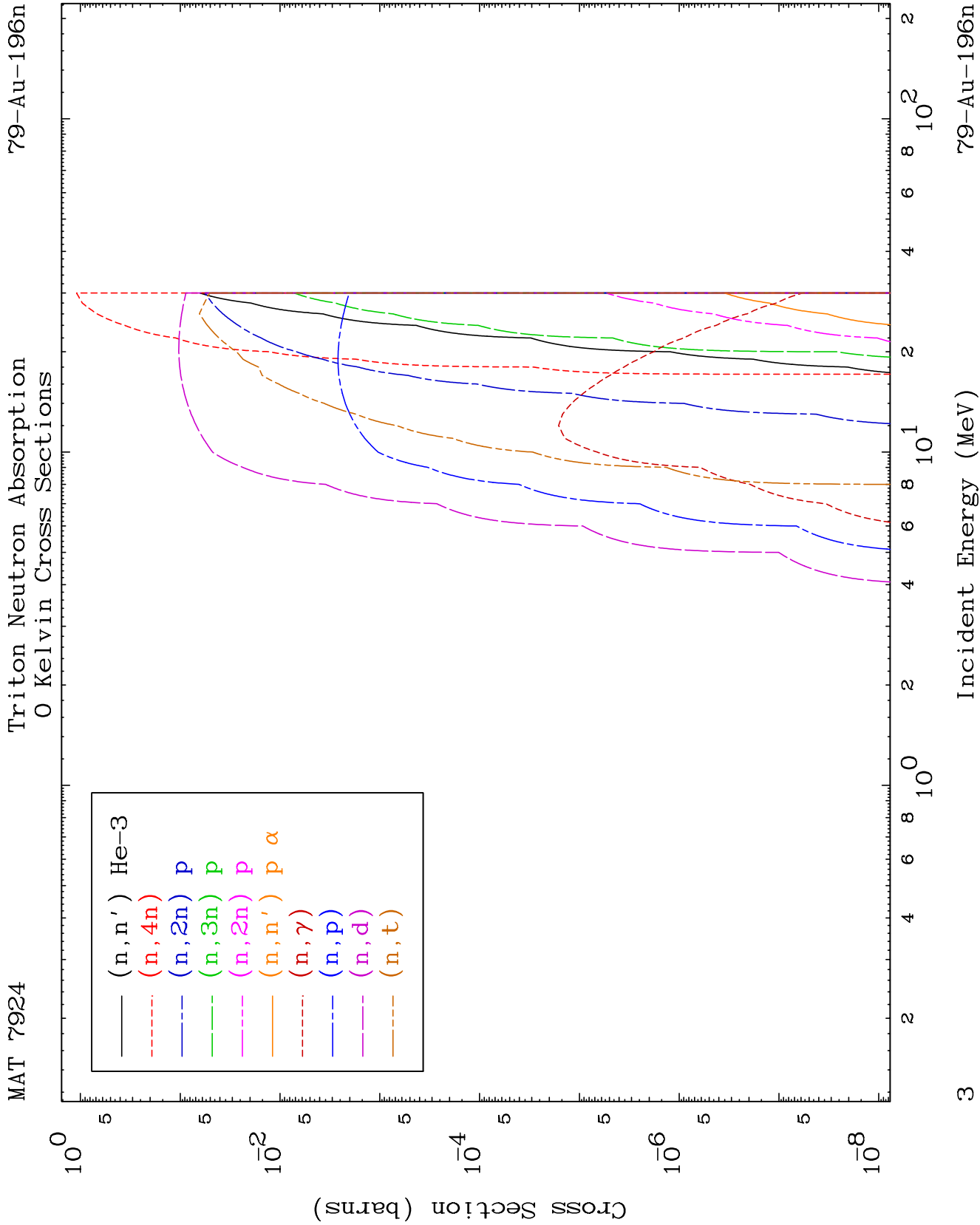


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Triton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-196n

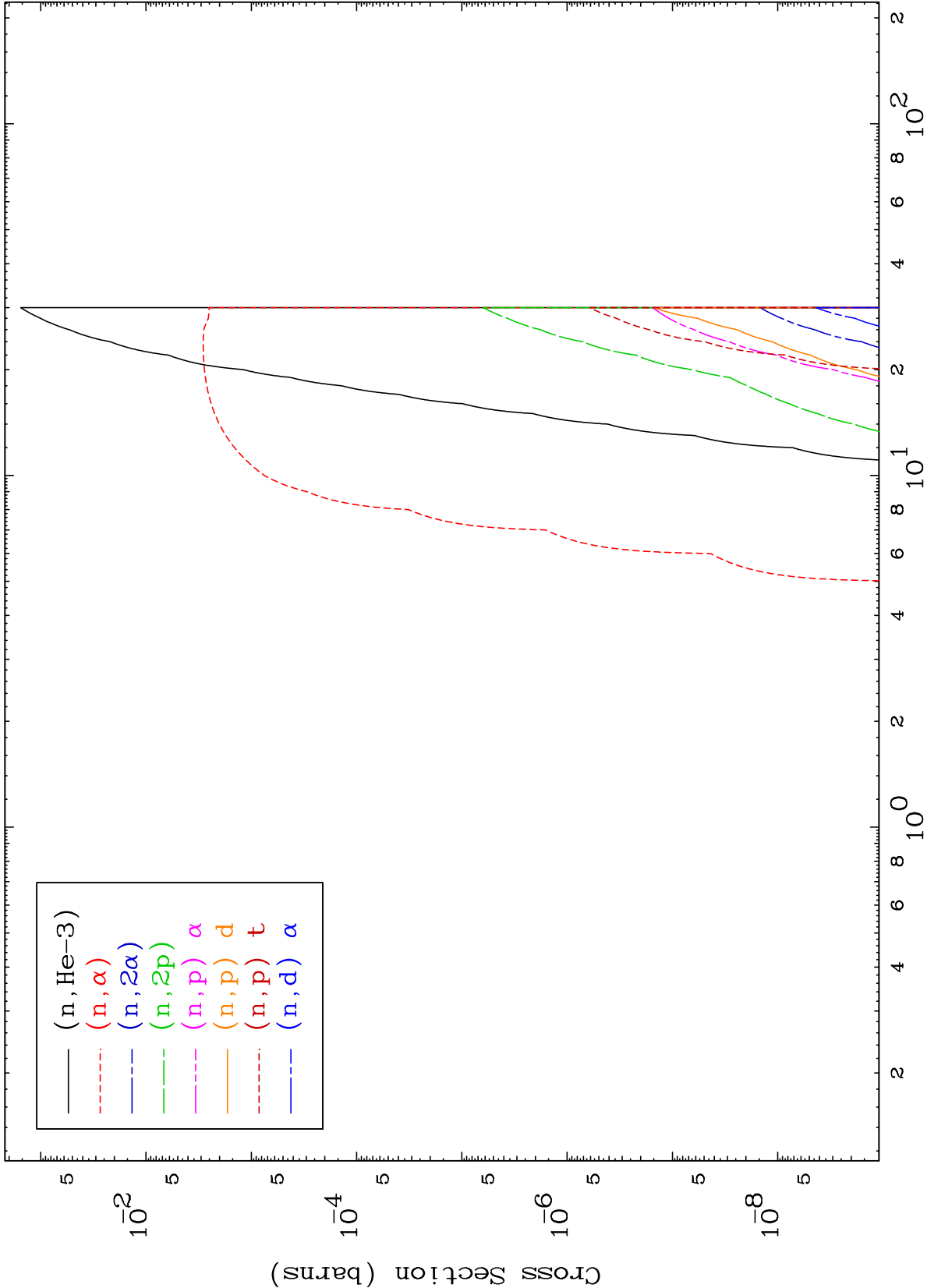


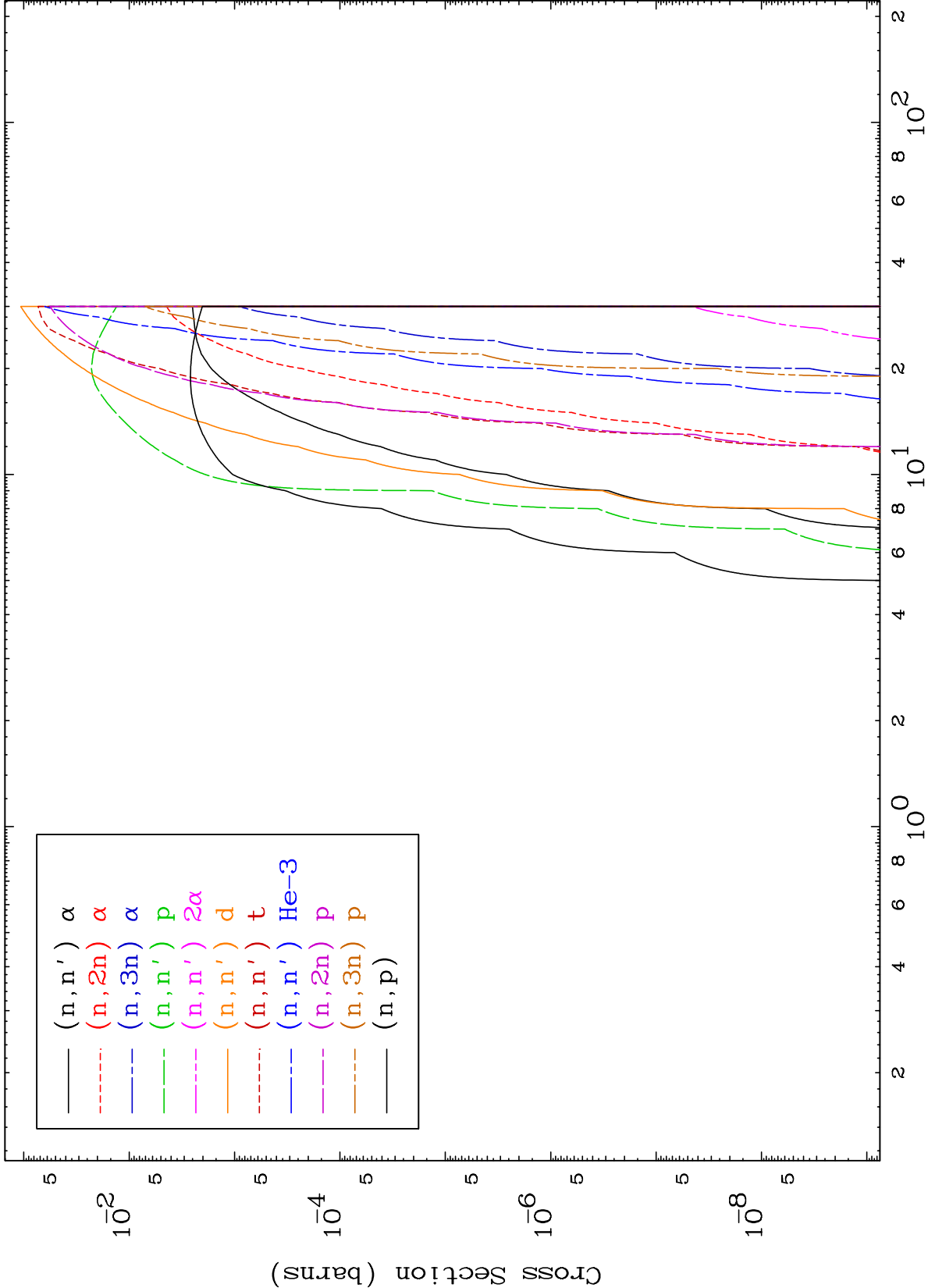


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Triton Neutron Absorption
0 Kelvin Cross Sections

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

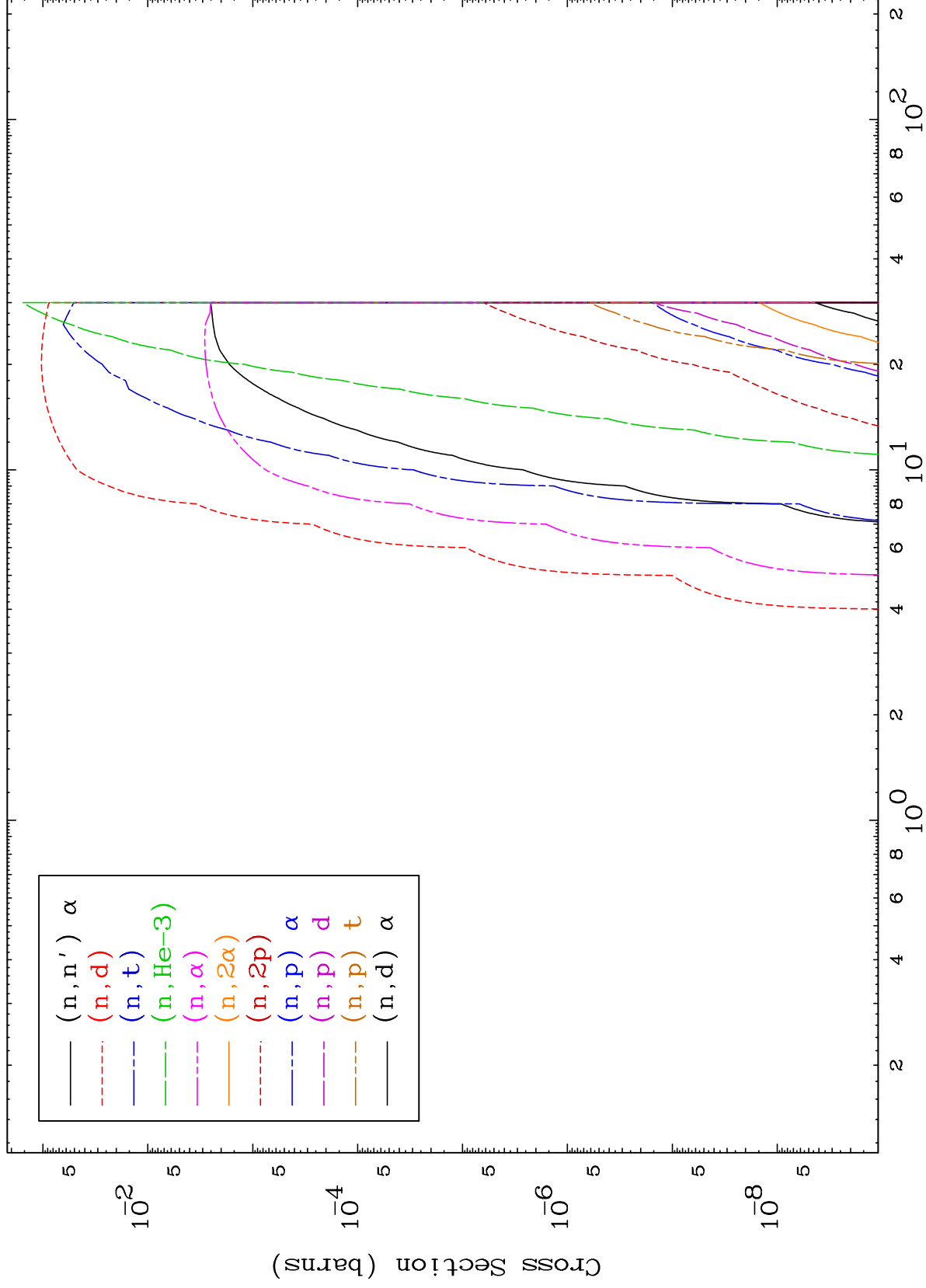




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Triton Charged Particle
0 Kelvin Cross Sections

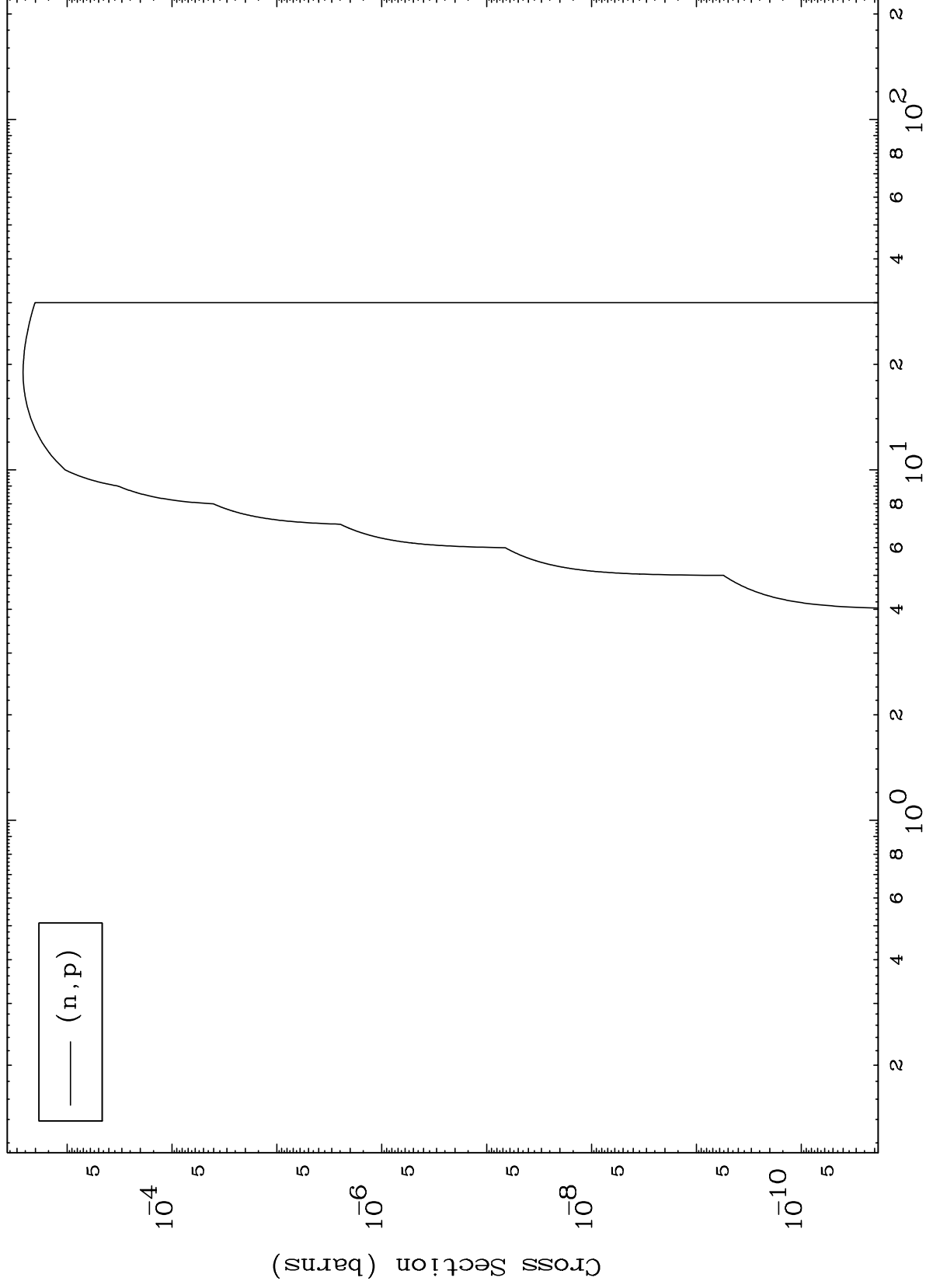
⁷⁹Au-¹⁹⁶n



MAT 7924

79-Au-196n

(t,p) Levels
0 Kelvin Cross Sections



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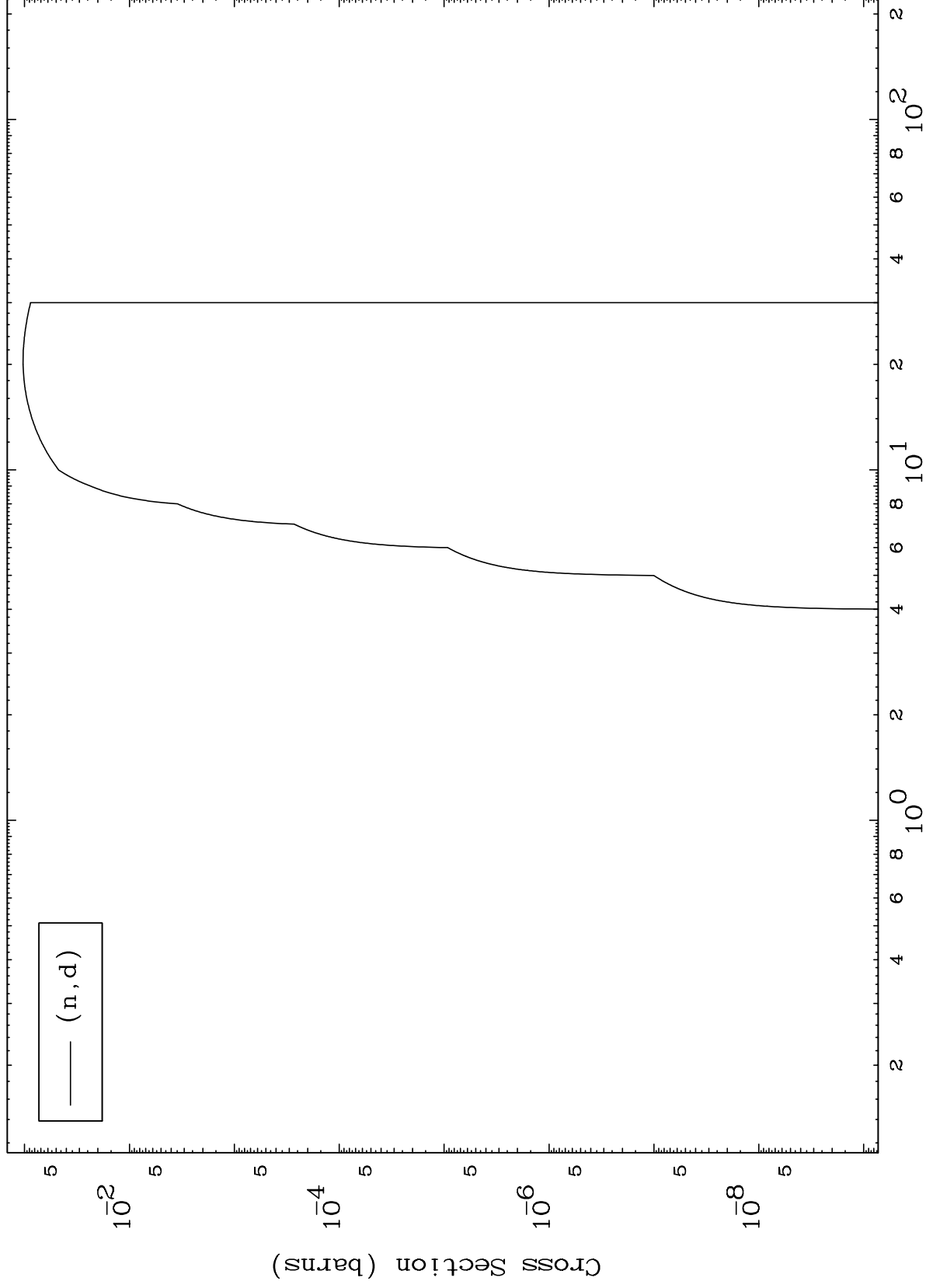
Incident Energy (MeV)

79-Au-196n

MAT 7924

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

(t,d) Levels
0 Kelvin Cross Sections

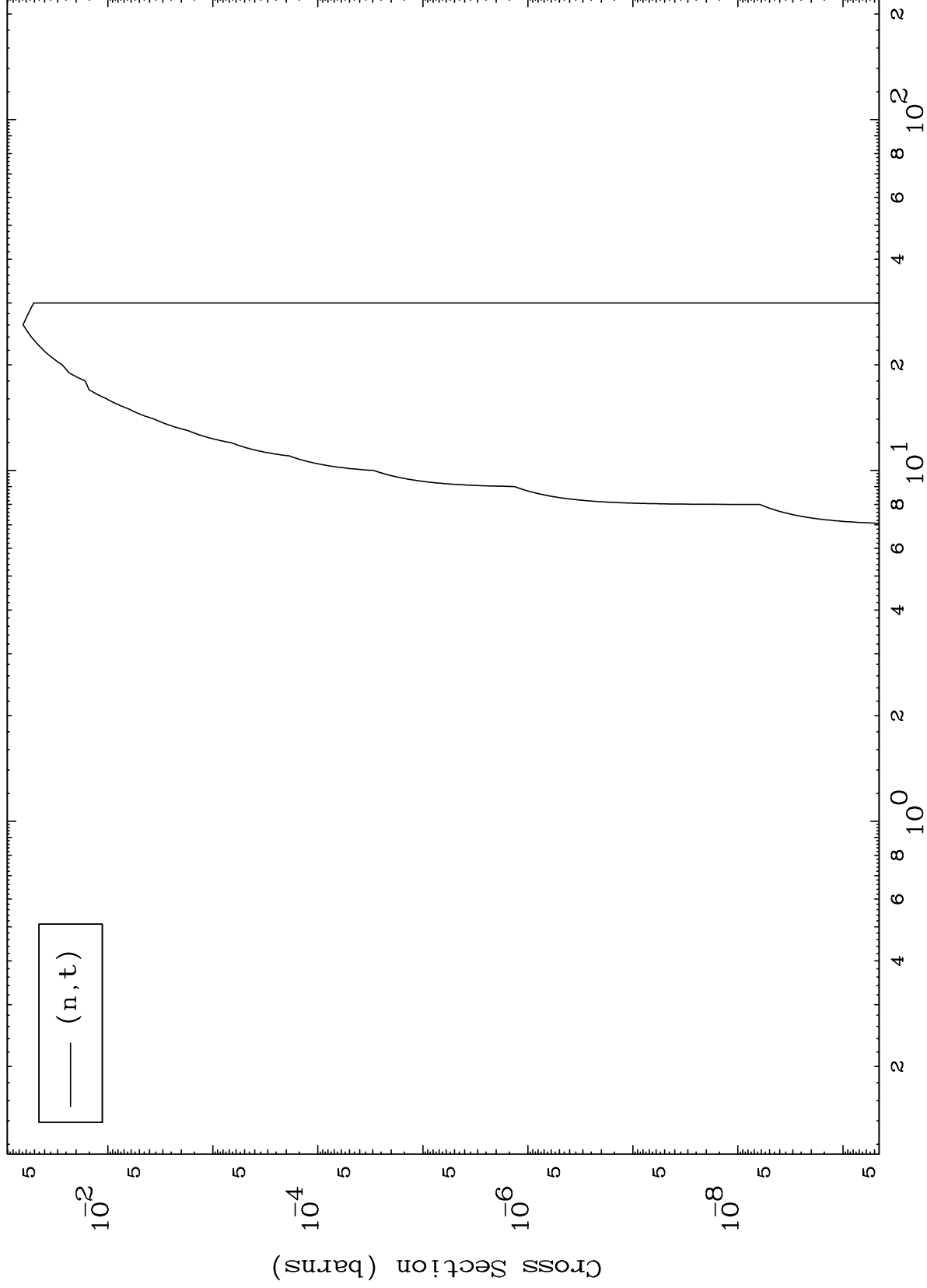


— (n,d)

MAT 7924

⁷⁹Au-196n

(t,t) Levels
0 Kelvin Cross Sections



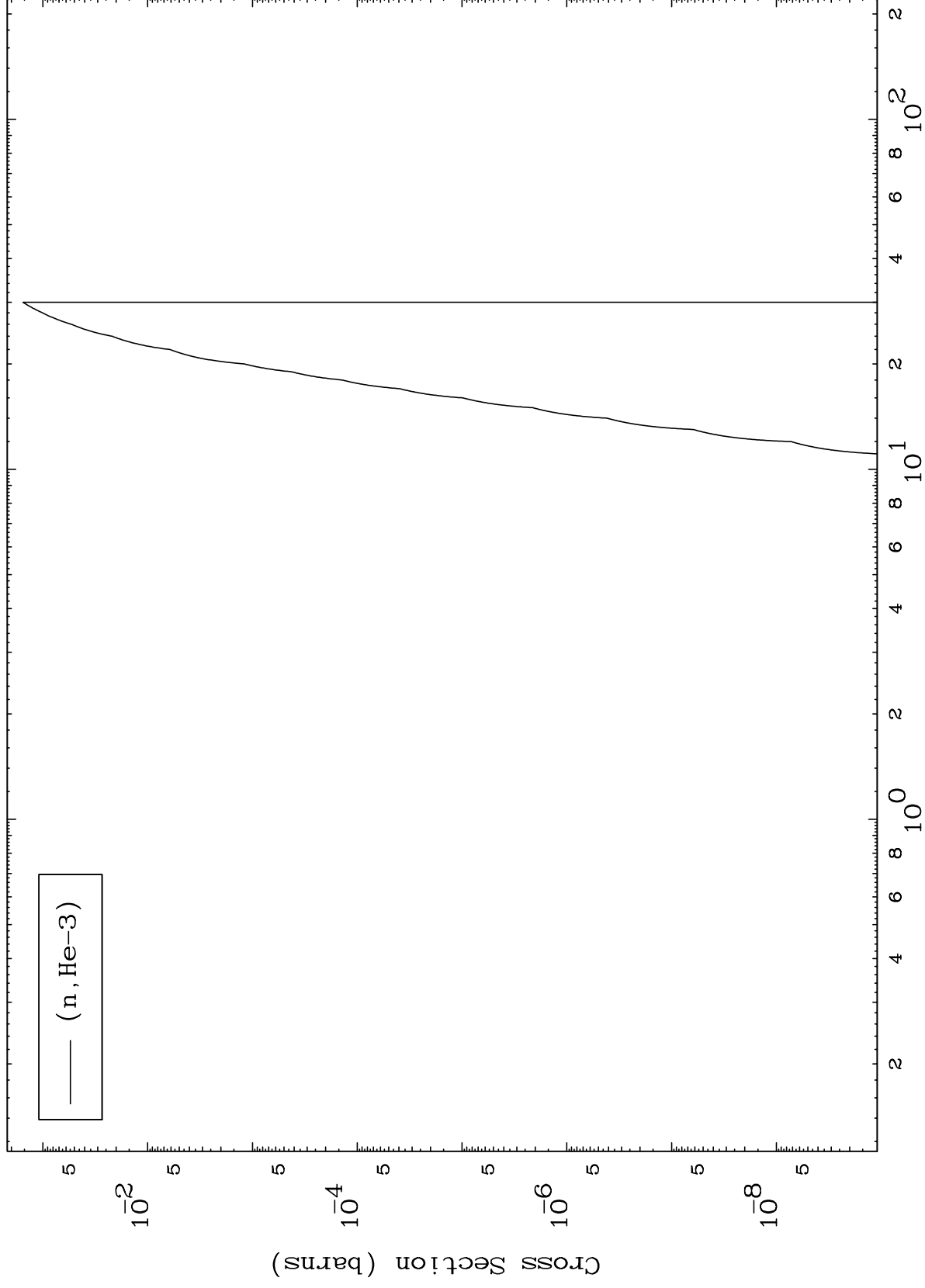
— (n,t)

MAT 7924

(t,He3) Levels

⁷⁹Au-196n

0 Kelvin Cross Sections



10

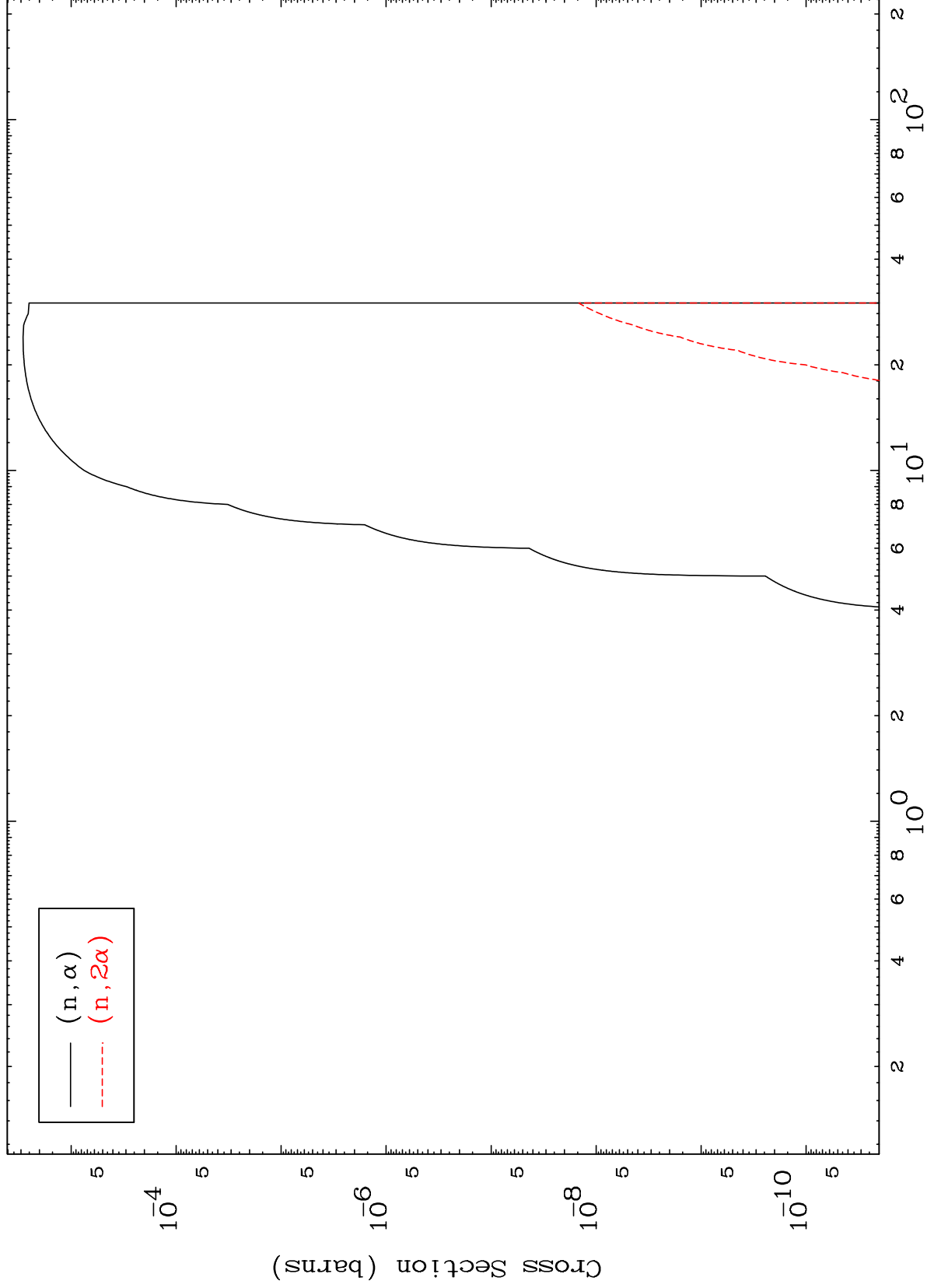
Incident Energy (MeV)

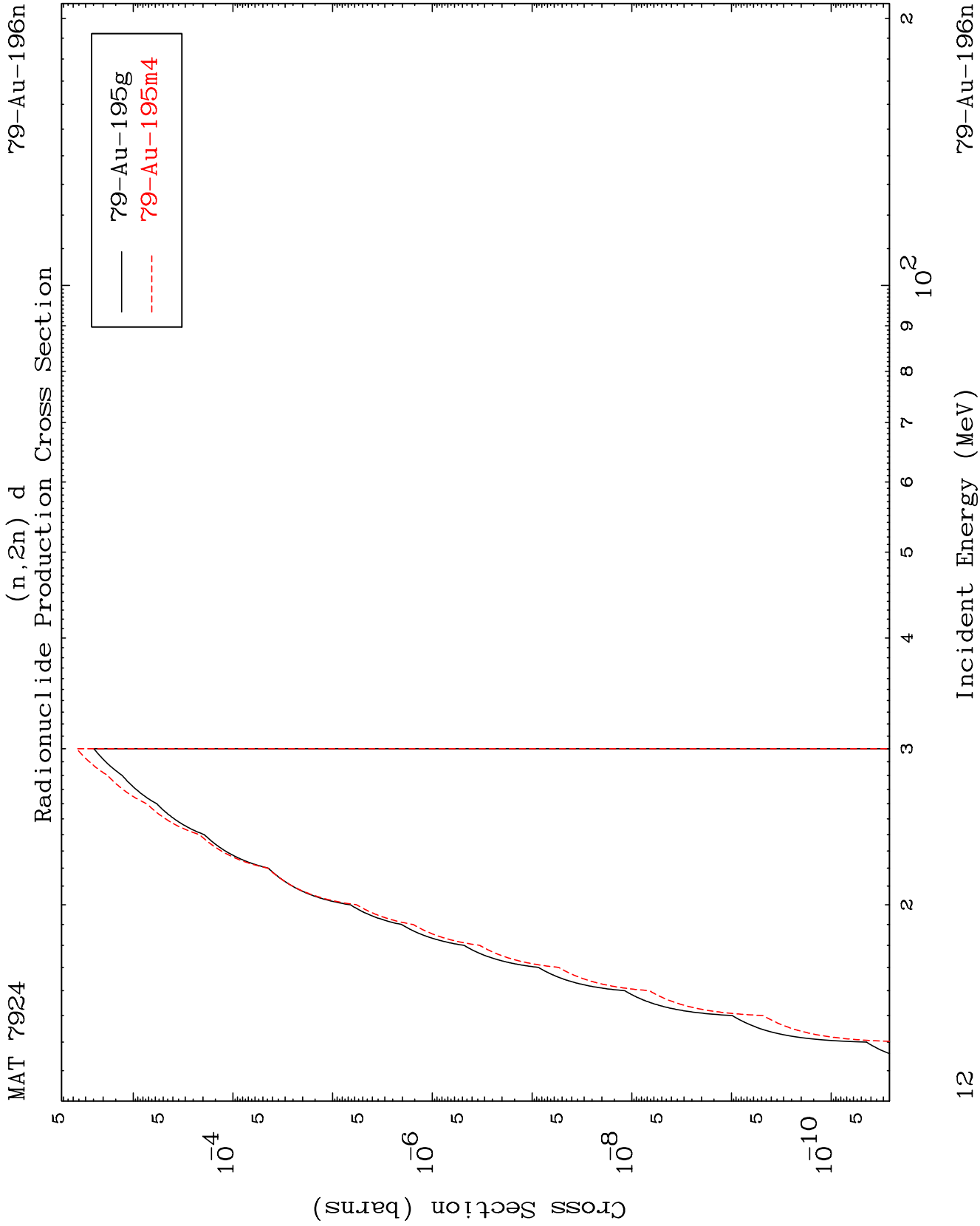
⁷⁹Au-196n

MAT 7924

79-Au-196n

(t, α) Levels
0 Kelvin Cross Sections

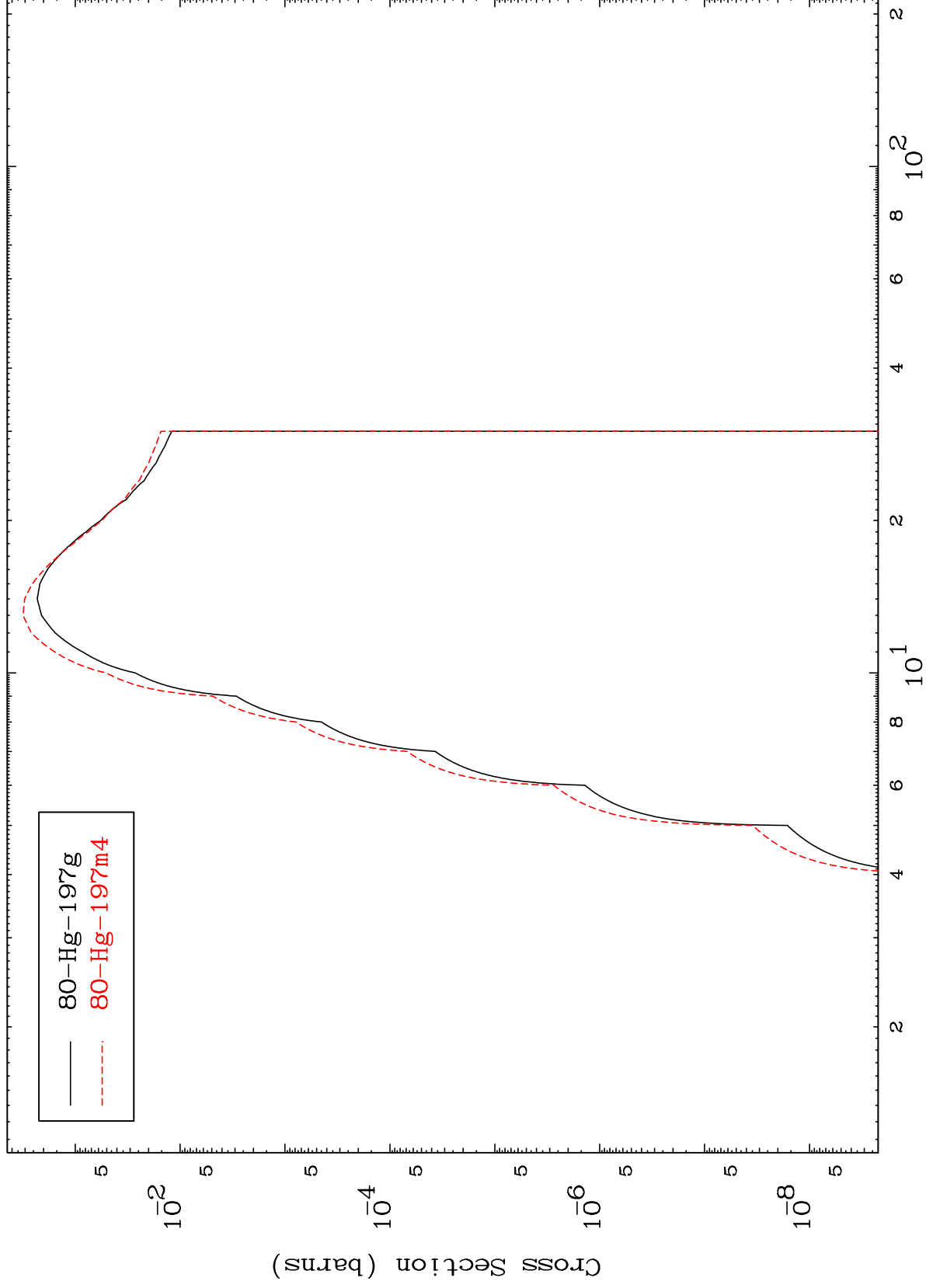




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$^{79}\text{Au-196n}$

Radionuclide Production Cross Section



Incident Energy (MeV)

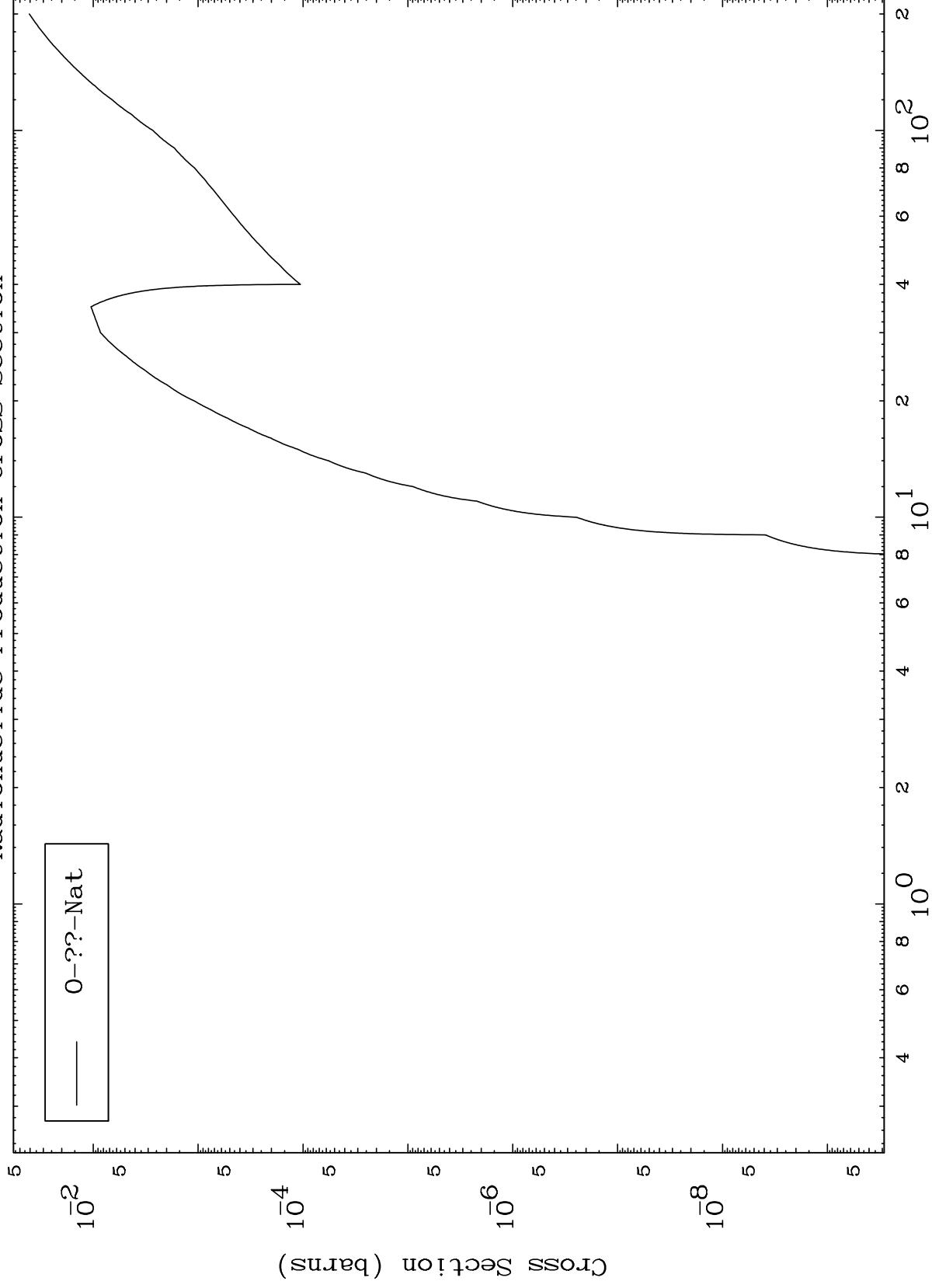
$^{79}\text{Au-196n}$

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Fission

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

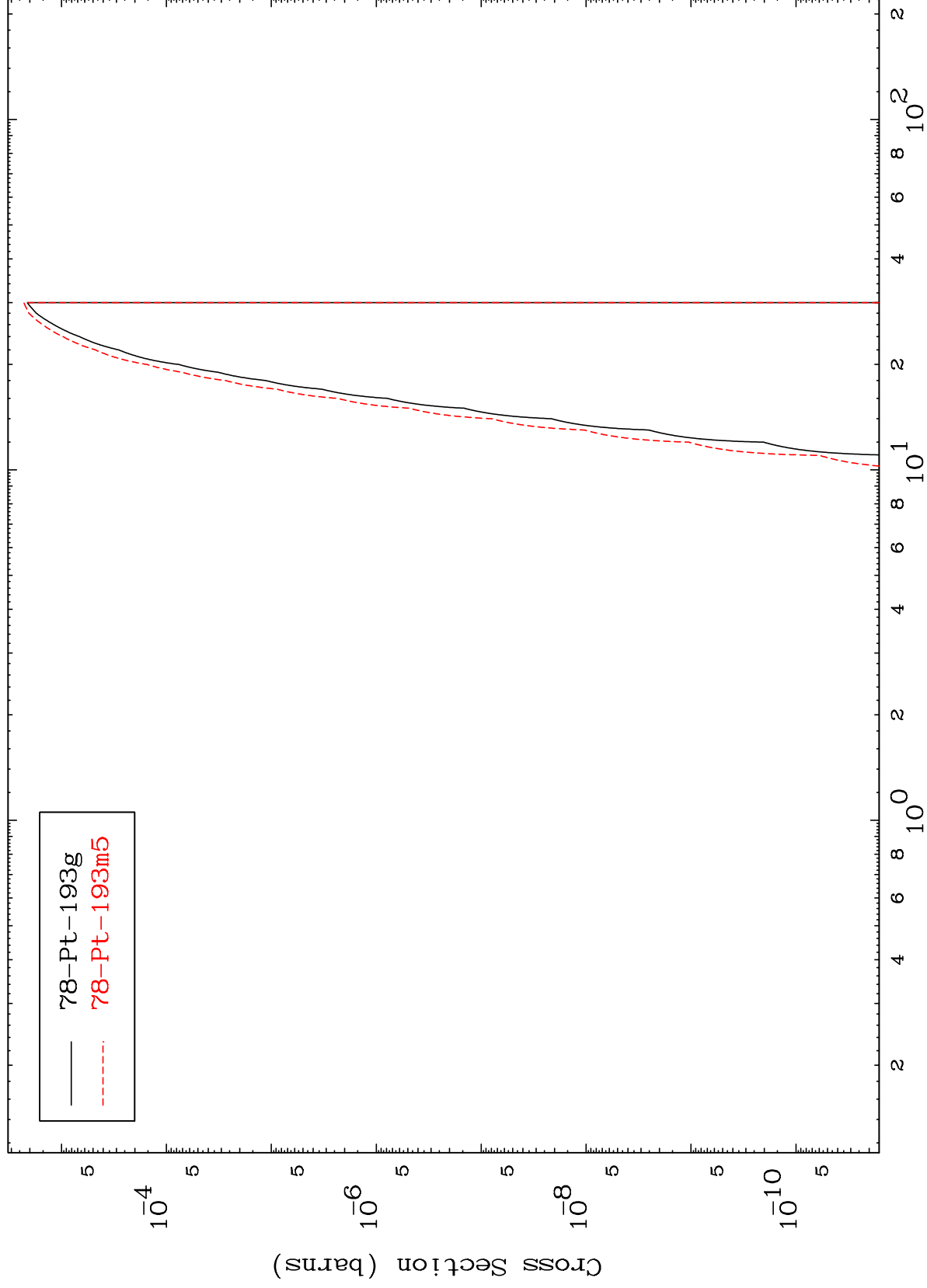
$^{79}\text{Au}-196\text{n}$

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$^{78}\text{Pt-193g}$

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

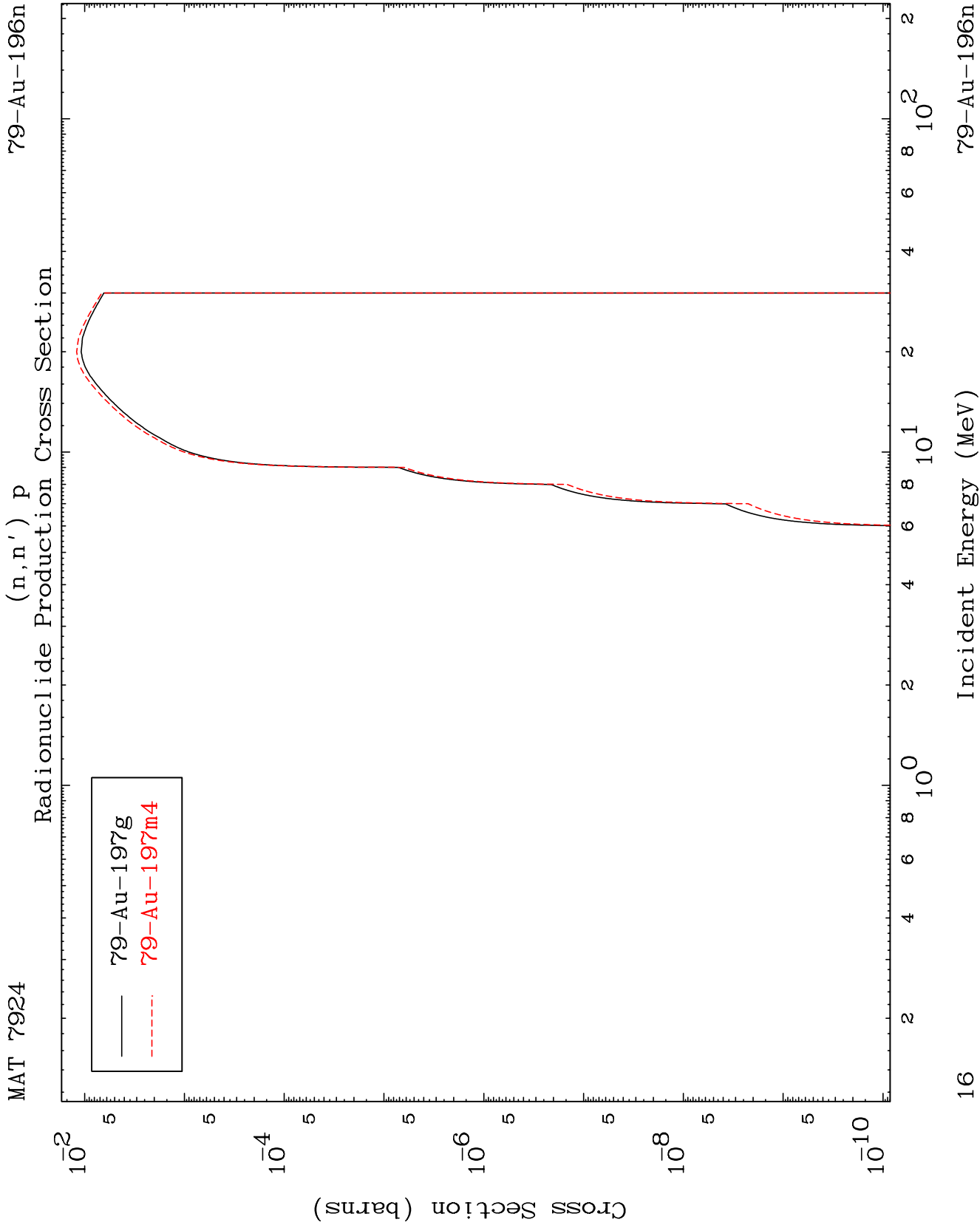
Radionuclide Production Cross Section



15

Incident Energy (MeV)

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

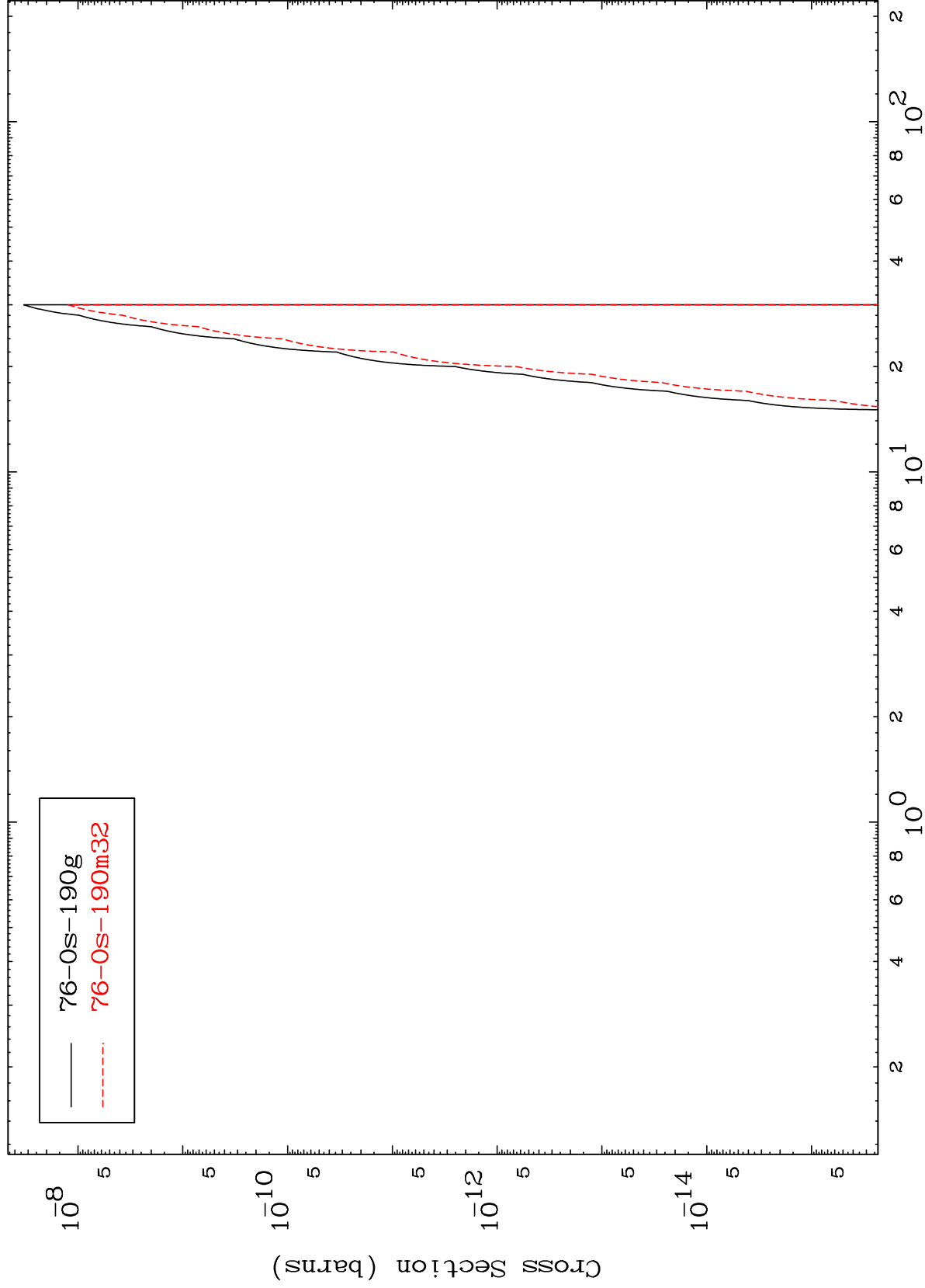


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(n,n') 2 α

⁷⁹Au-196n

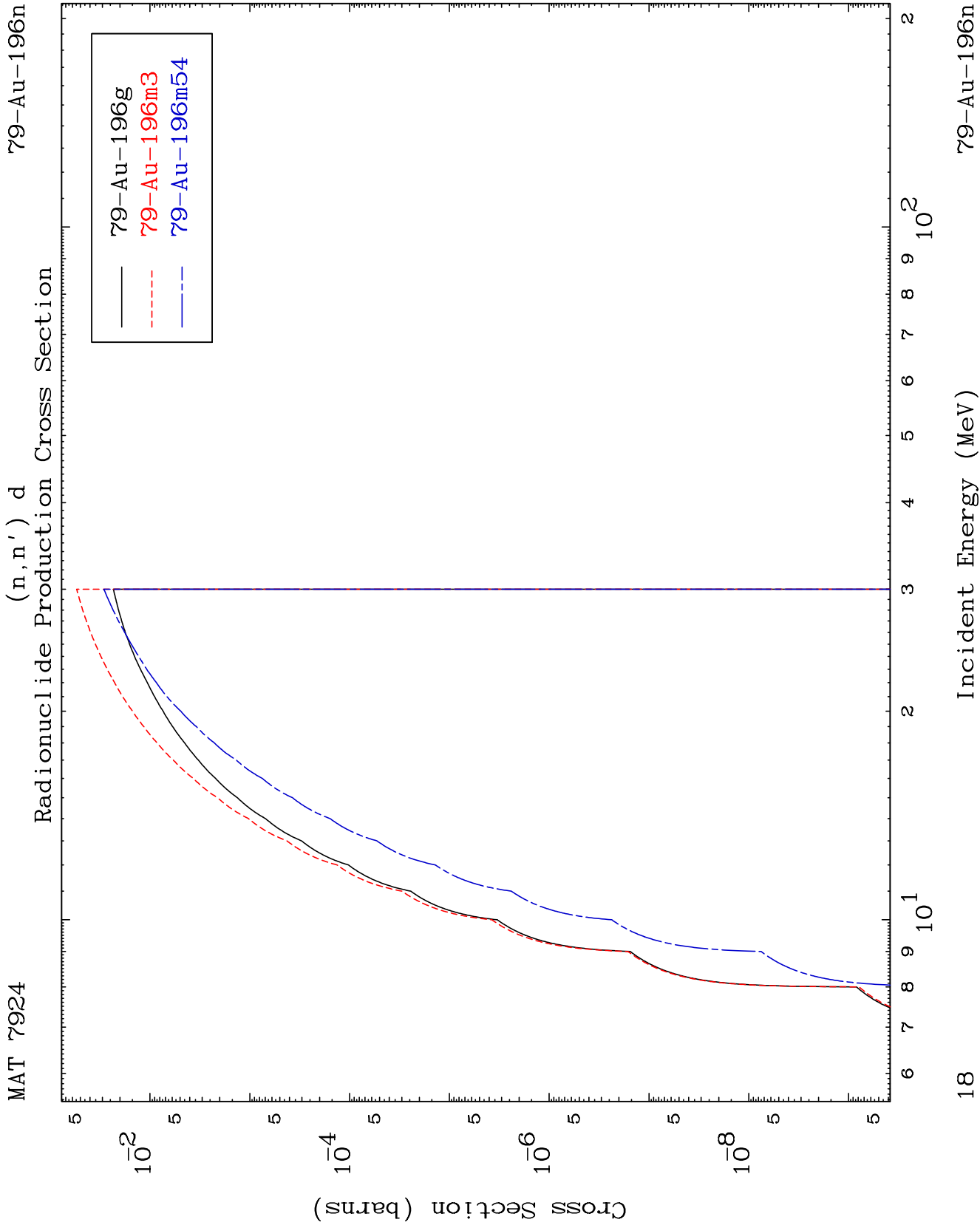
Radionuclide Production Cross Section

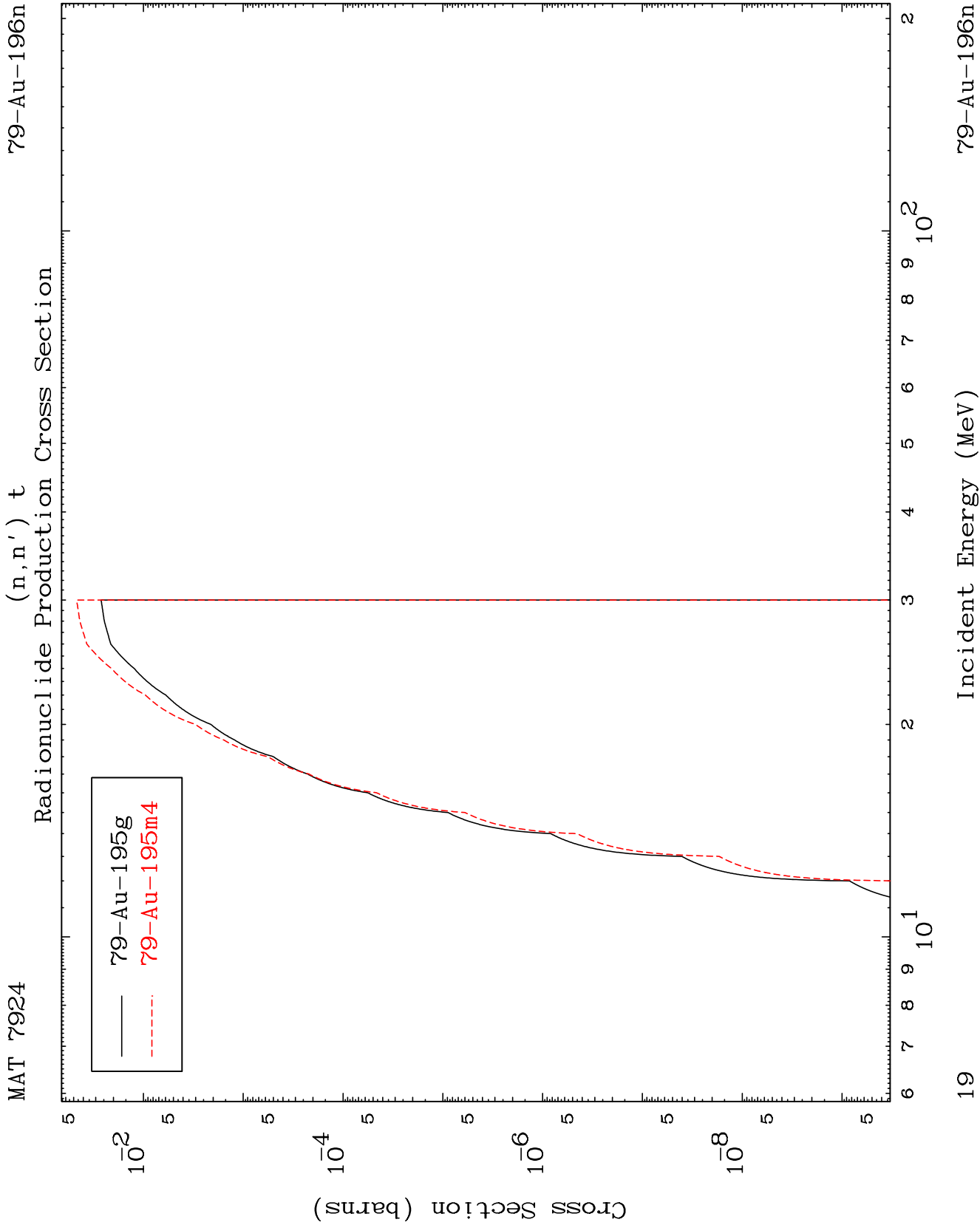


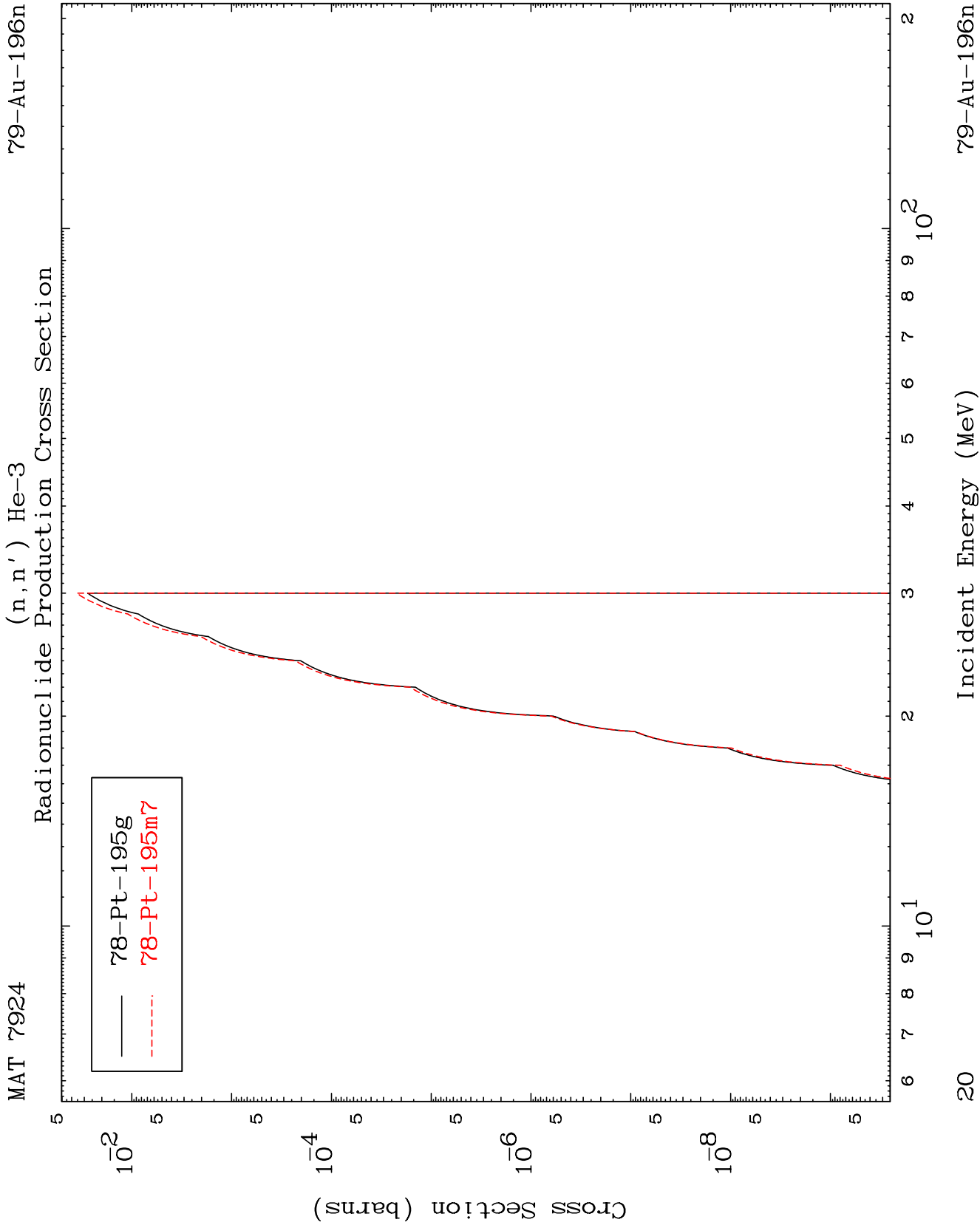
17

Incident Energy (MeV)

⁷⁹Au-196n



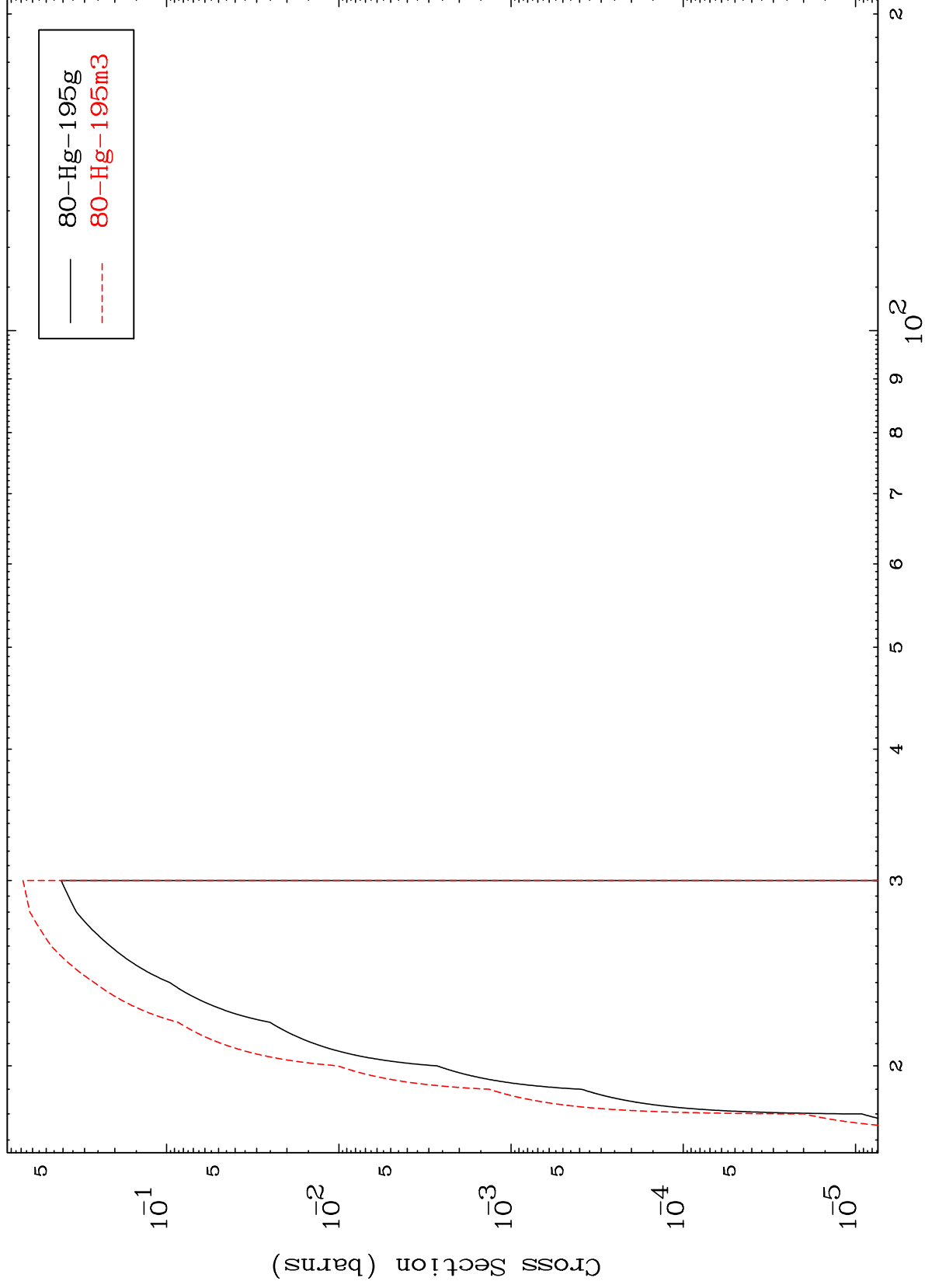




MAT 7924

⁷⁹Au-¹⁹⁶n

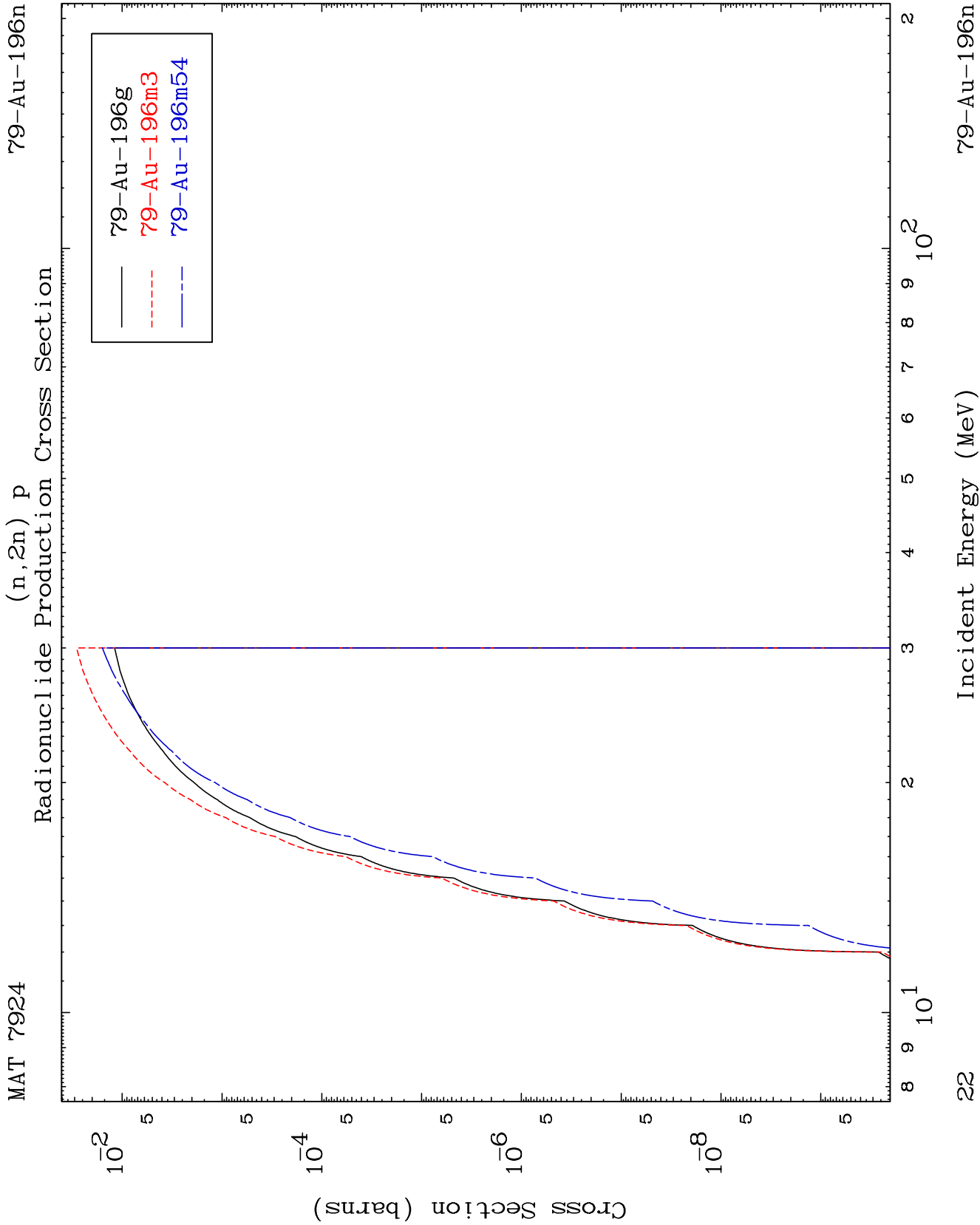
(n,4n)
Radionuclide Production Cross Section

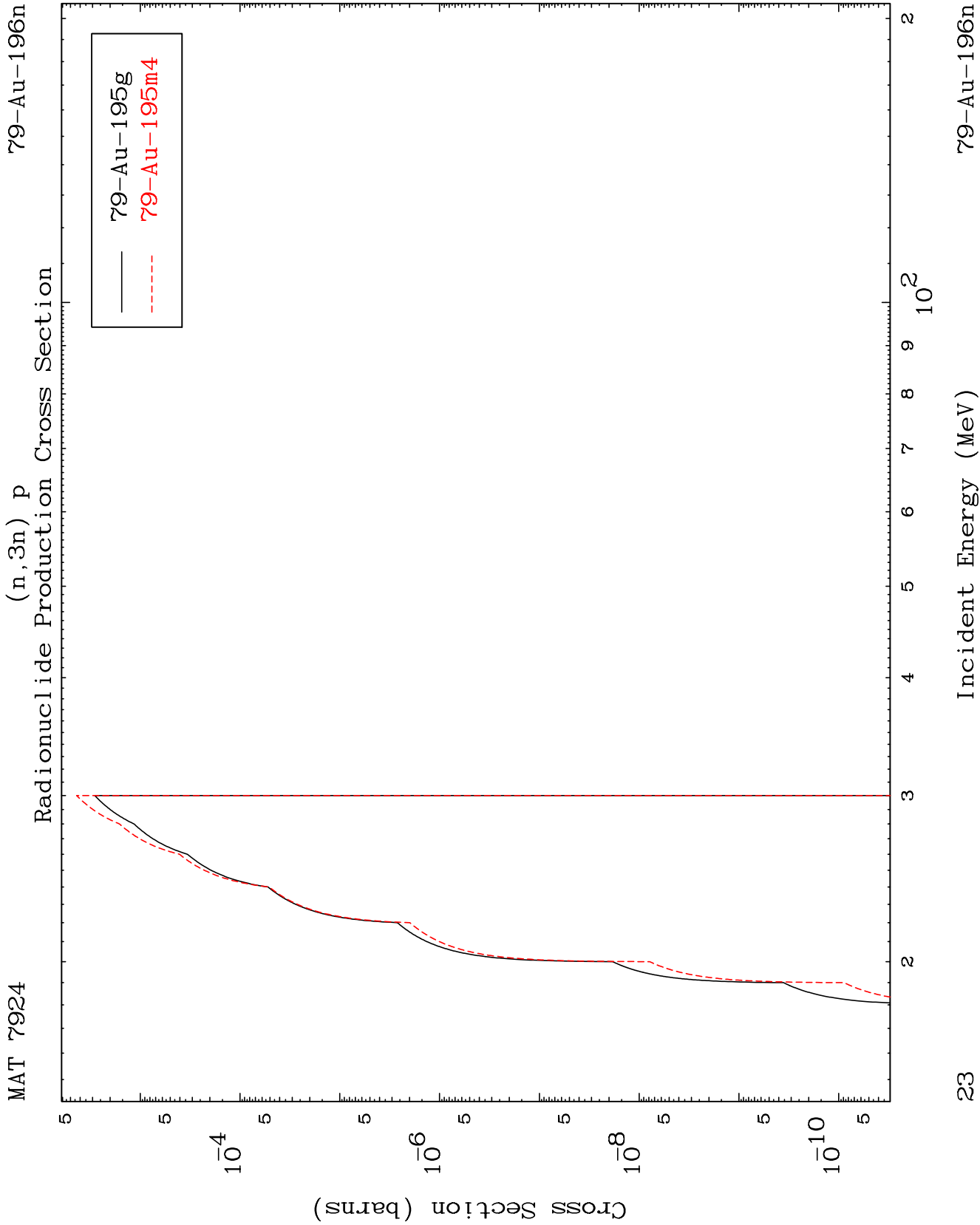


21

Incident Energy (MeV)

⁷⁹Au-¹⁹⁶n



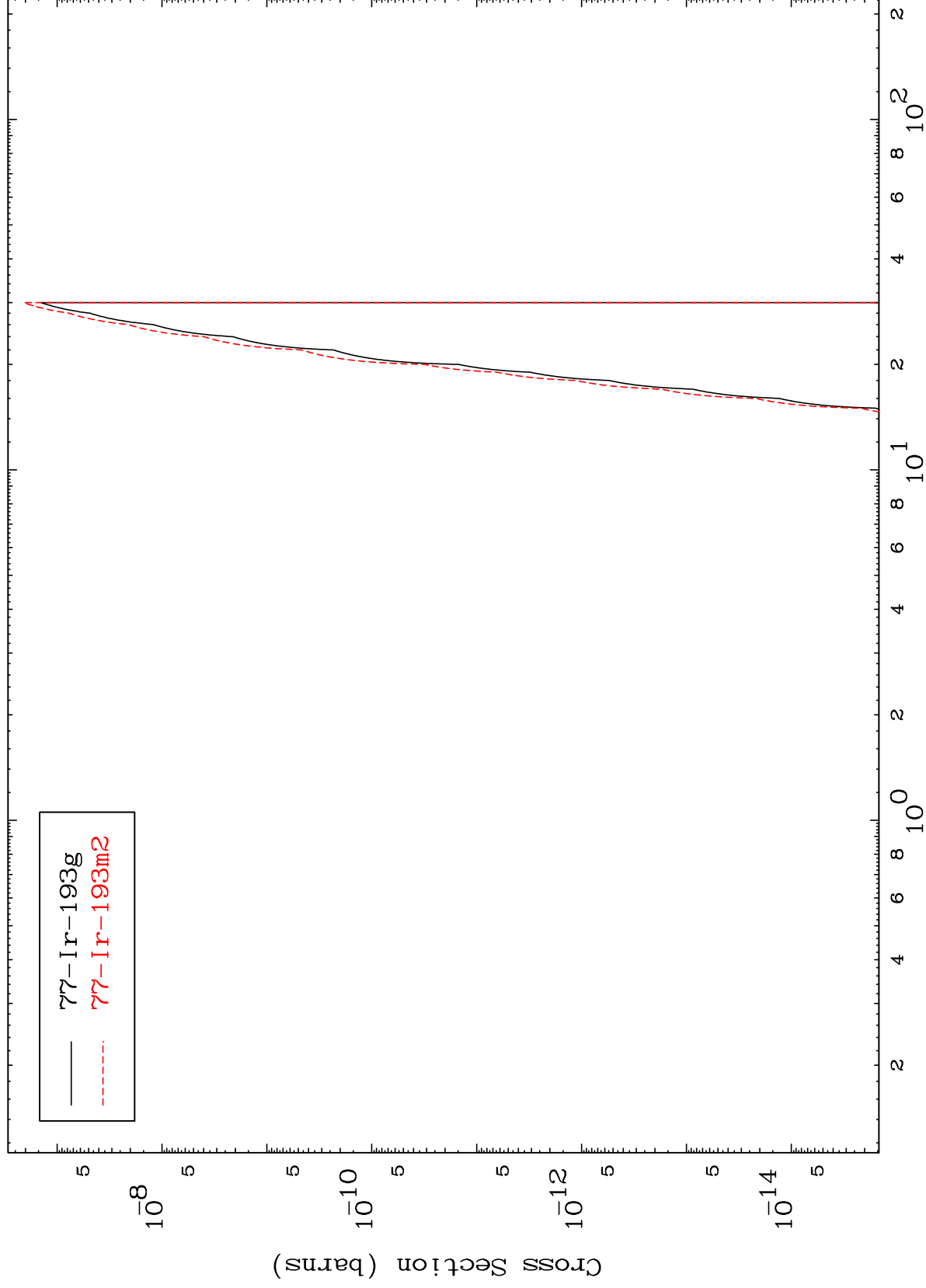


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(n,n') p α

⁷⁹Au-¹⁹⁶n

Radionuclide Production Cross Section

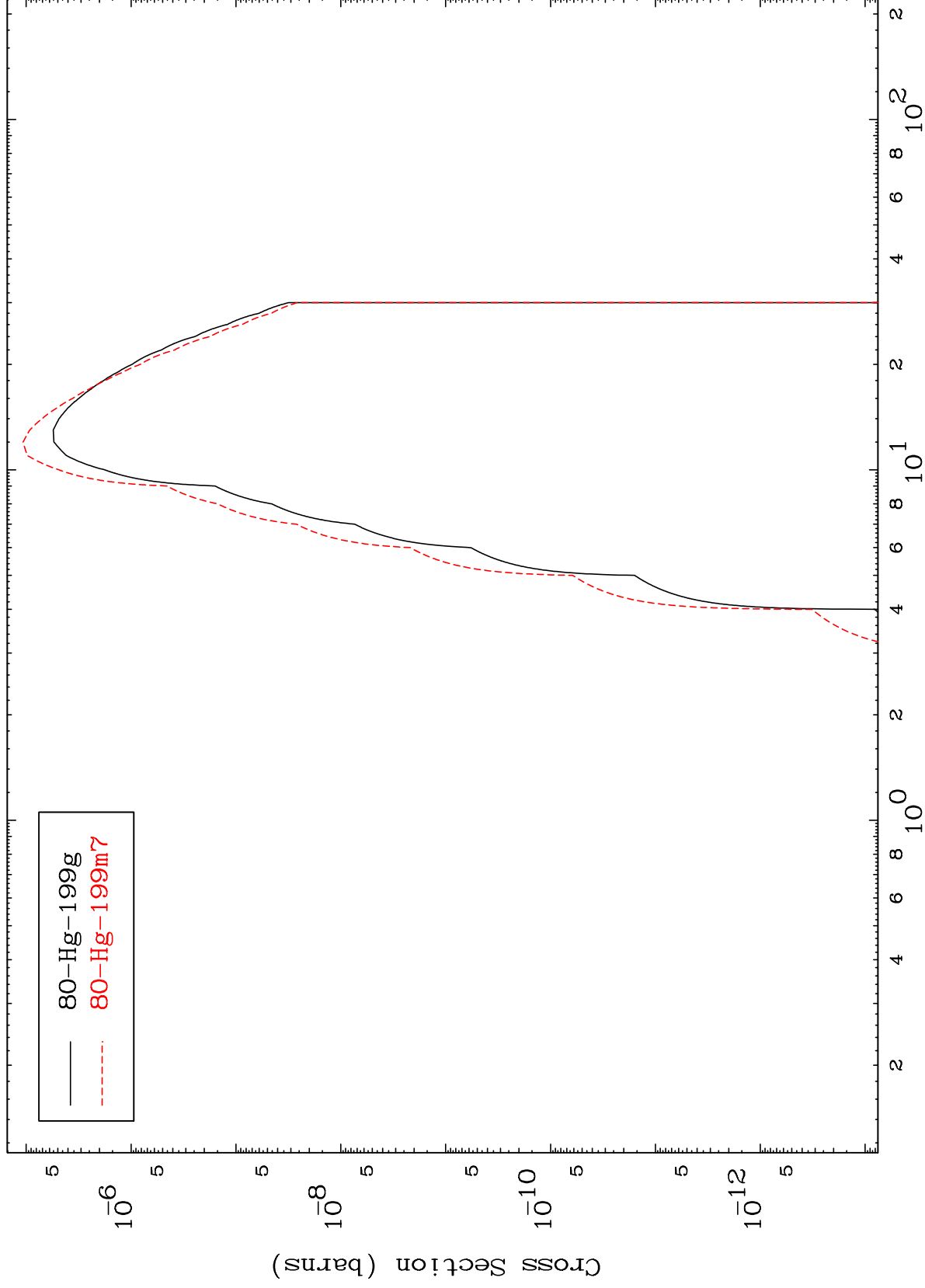


24

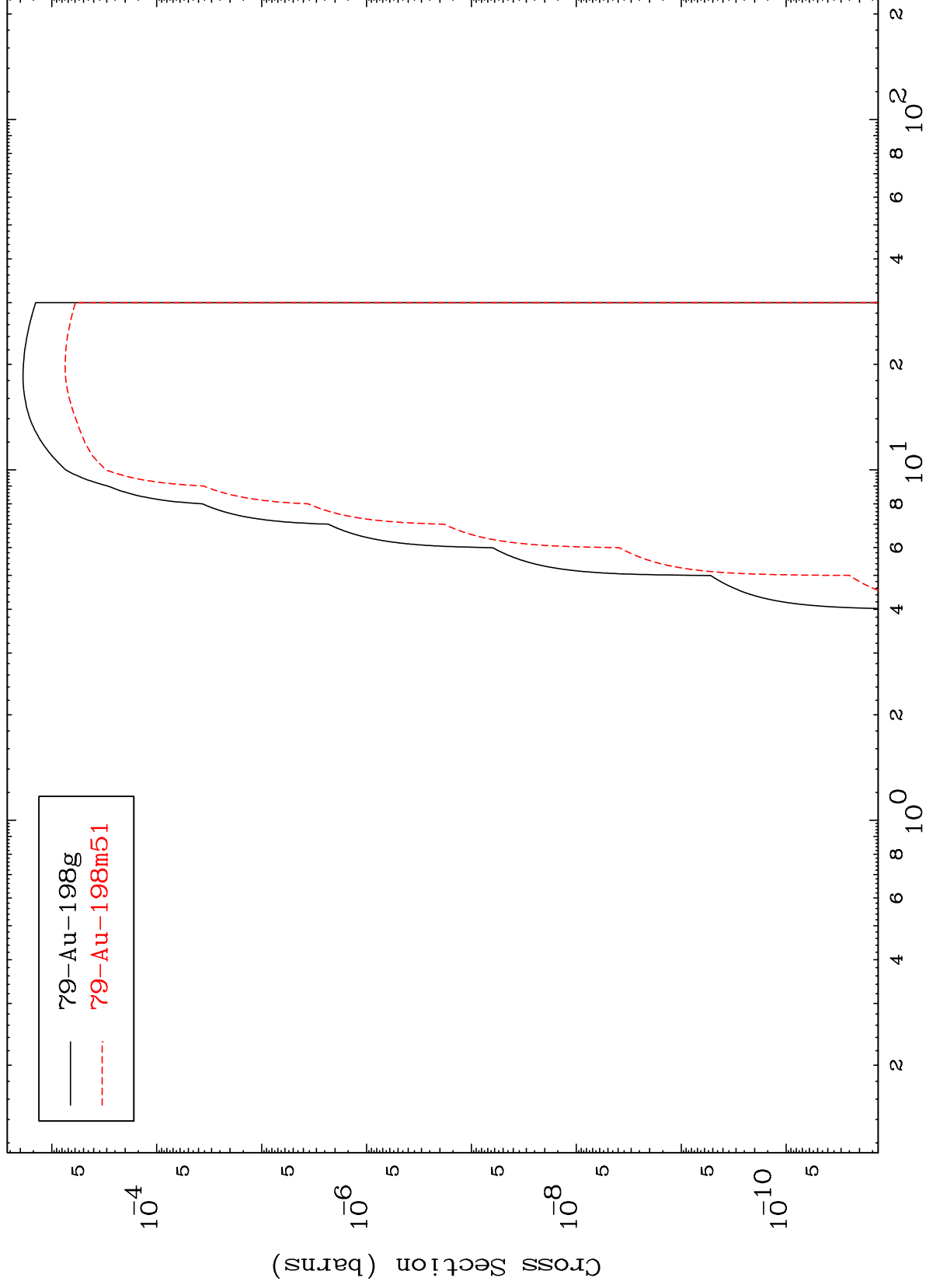
Incident Energy (MeV)

⁷⁹Au-¹⁹⁶n

Radionuclide Production Cross Section
(n, γ)



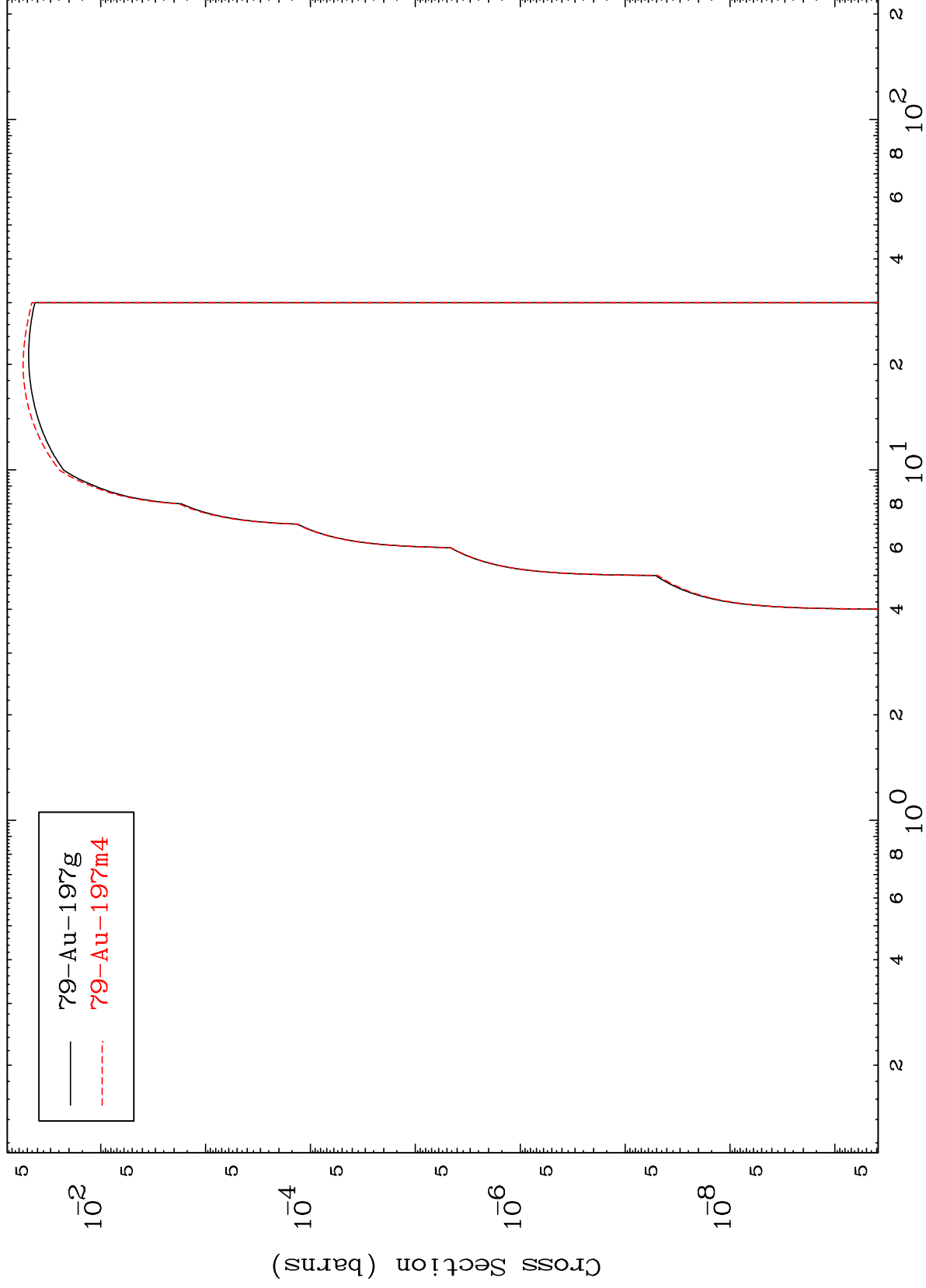
(n,p)
Radionuclide Production Cross Section



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

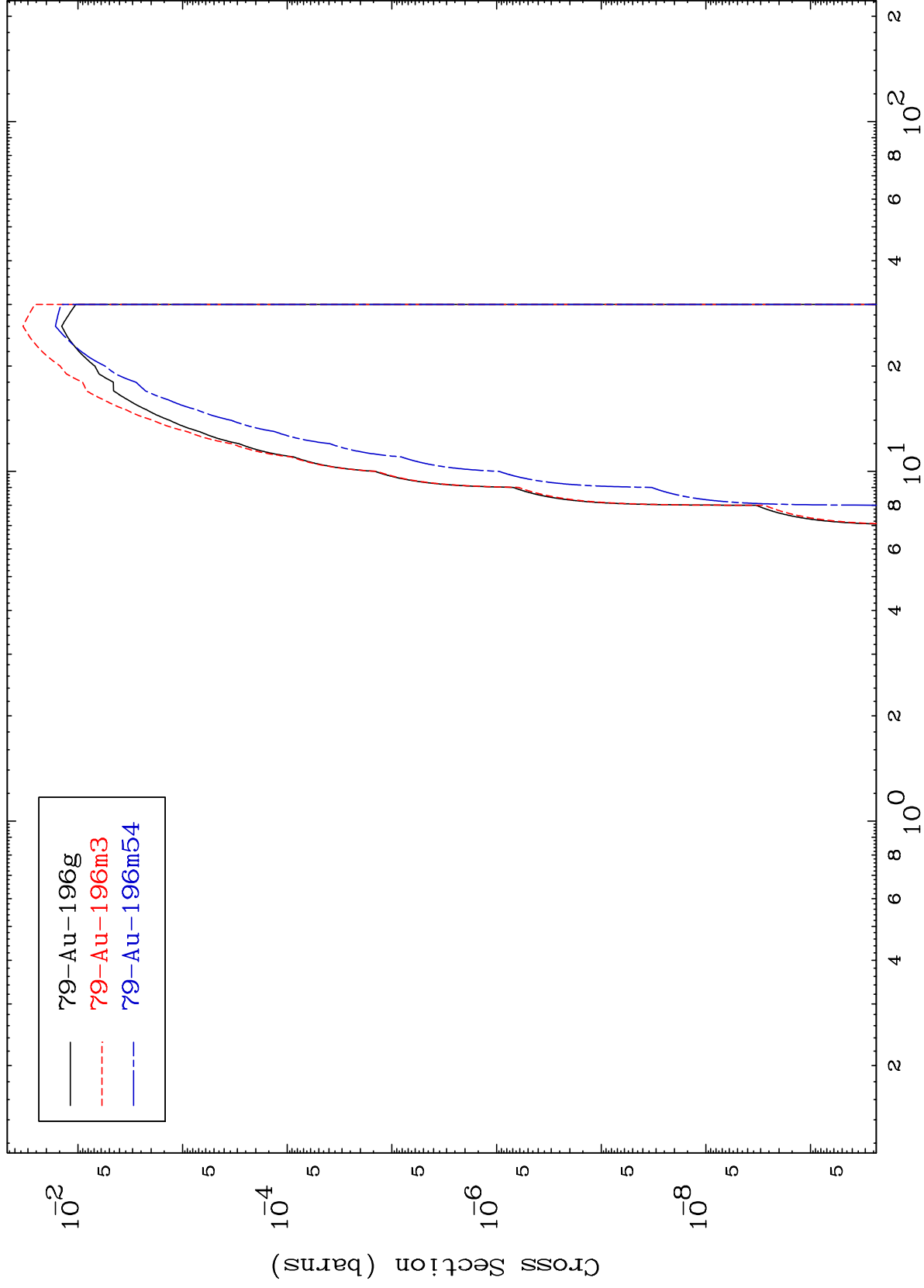
Radionuclide Production Cross Section (n,d)



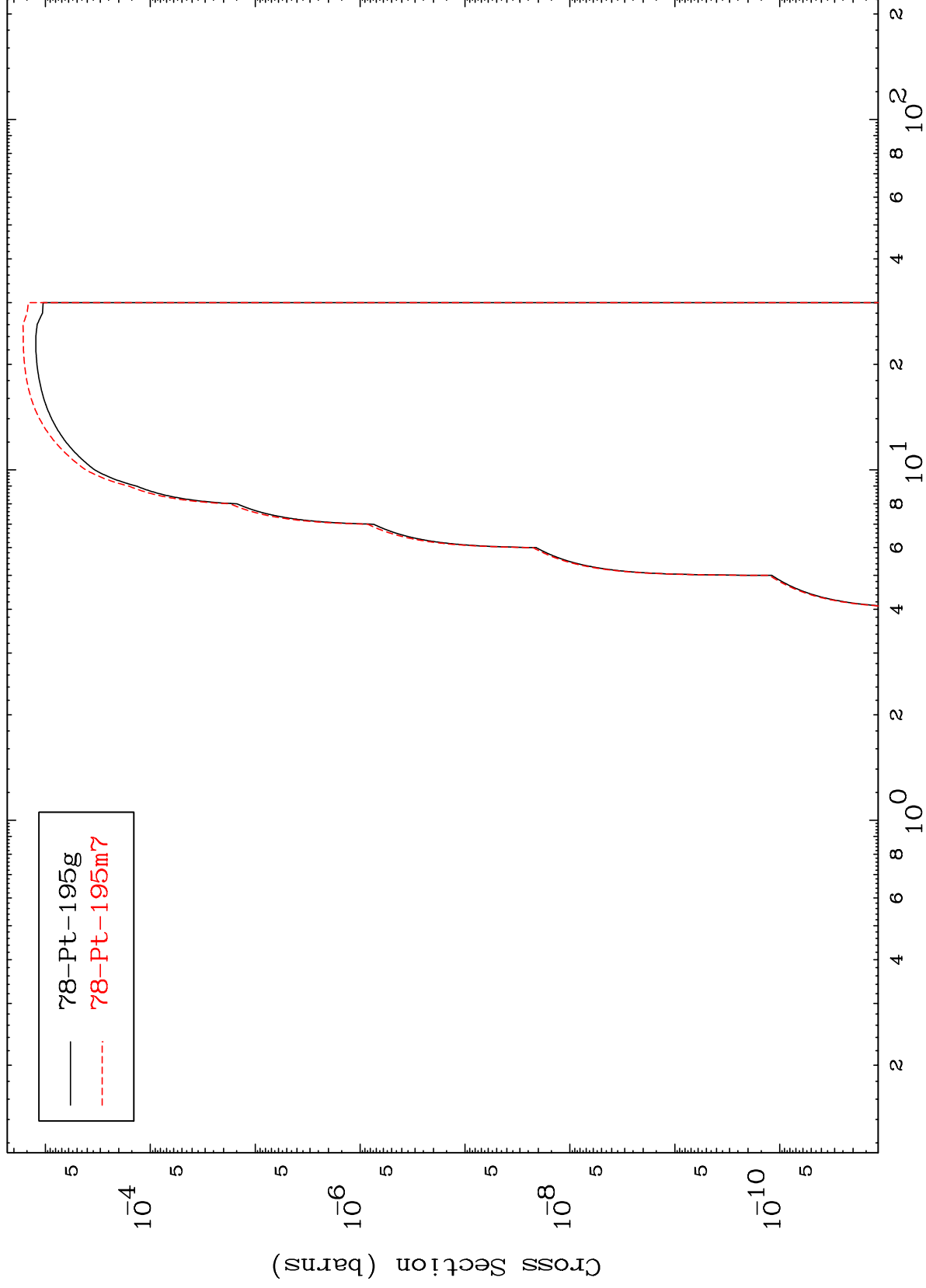
27

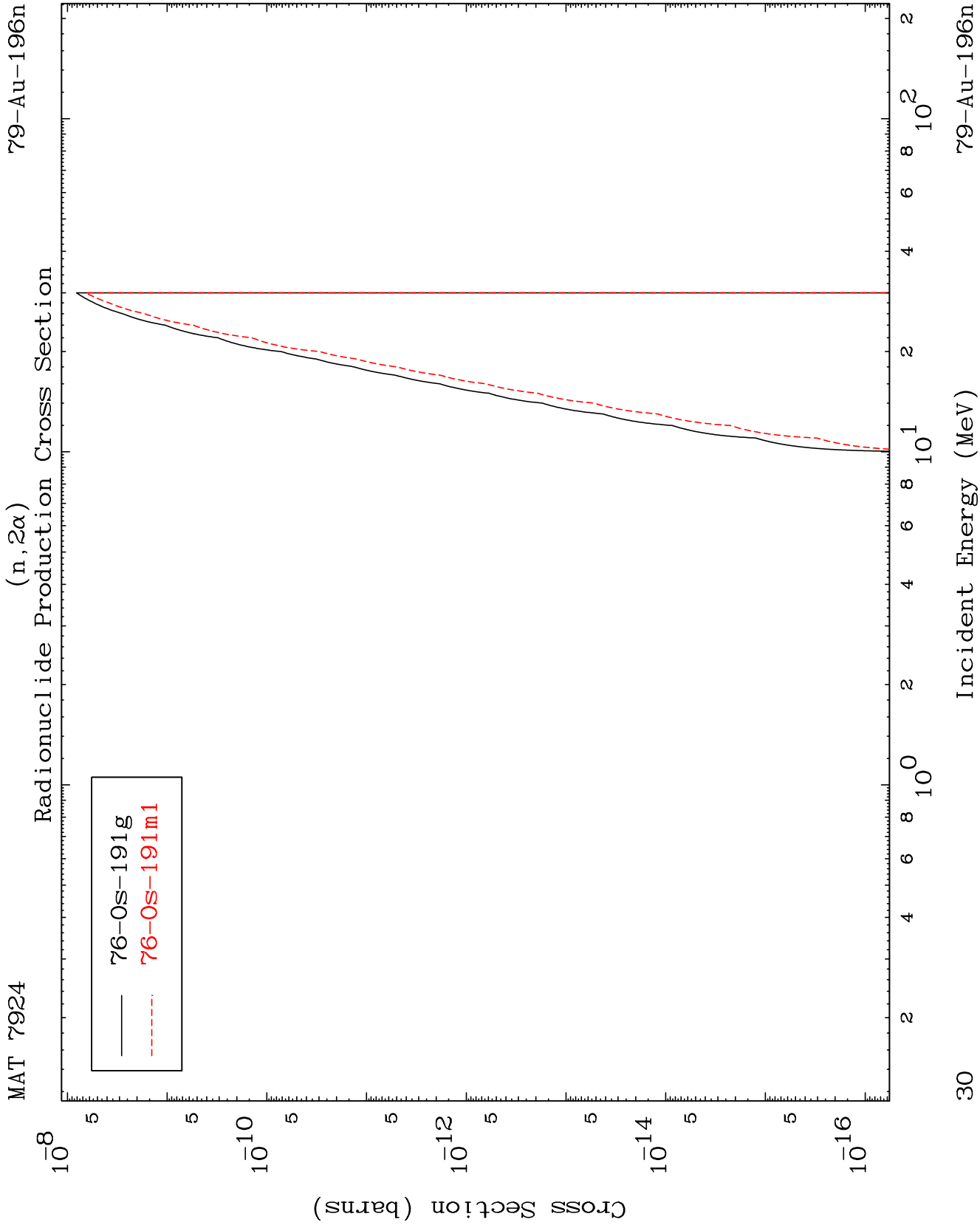
$^{79}\text{Au-196n}$

Radionuclide Production Cross Section (n,t)



Radionuclide Production Cross Section (n,α)

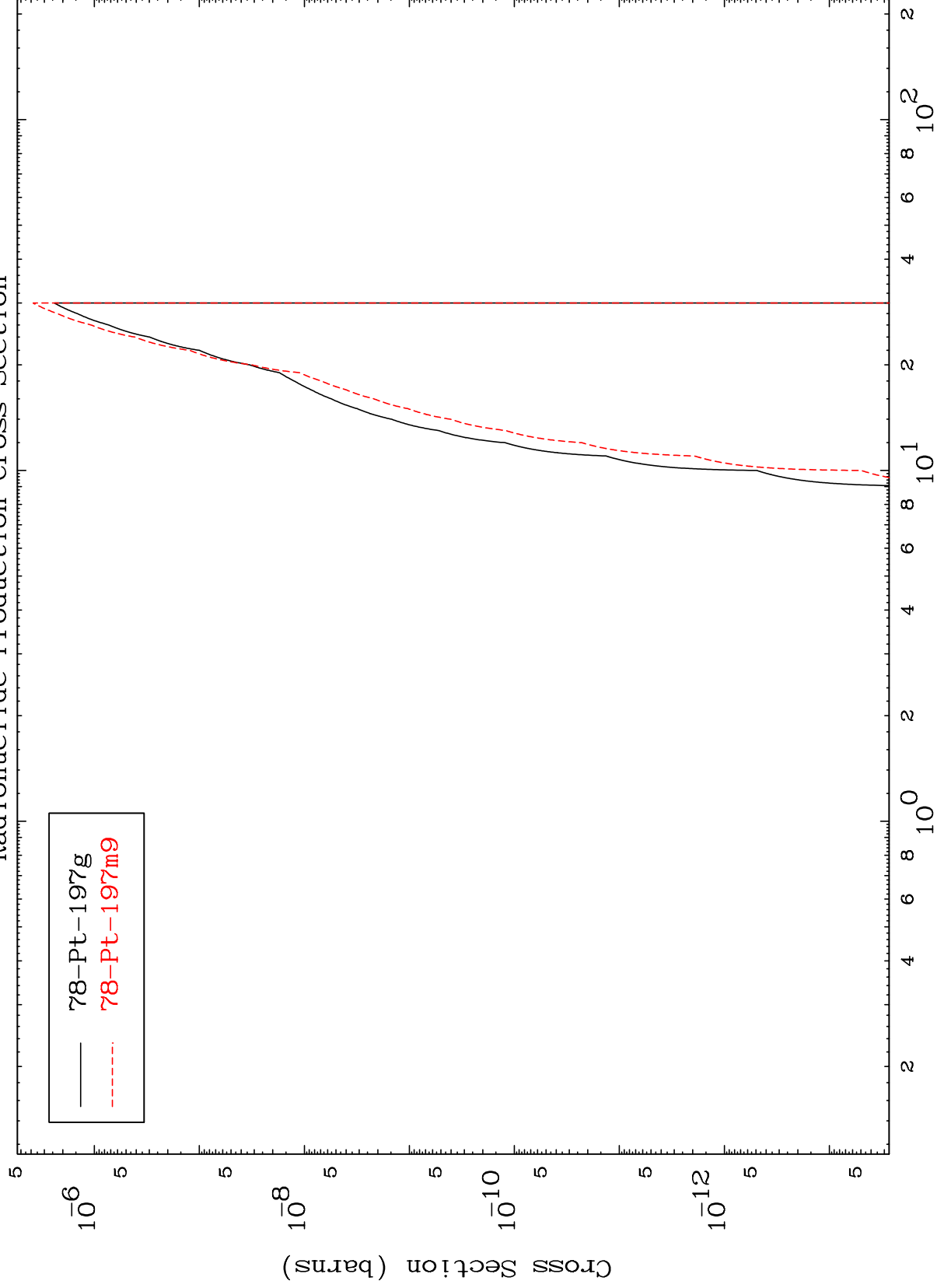




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$^{79}\text{Au-196n}$

$(n,2p)$
Radionuclide Production Cross Section



31

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

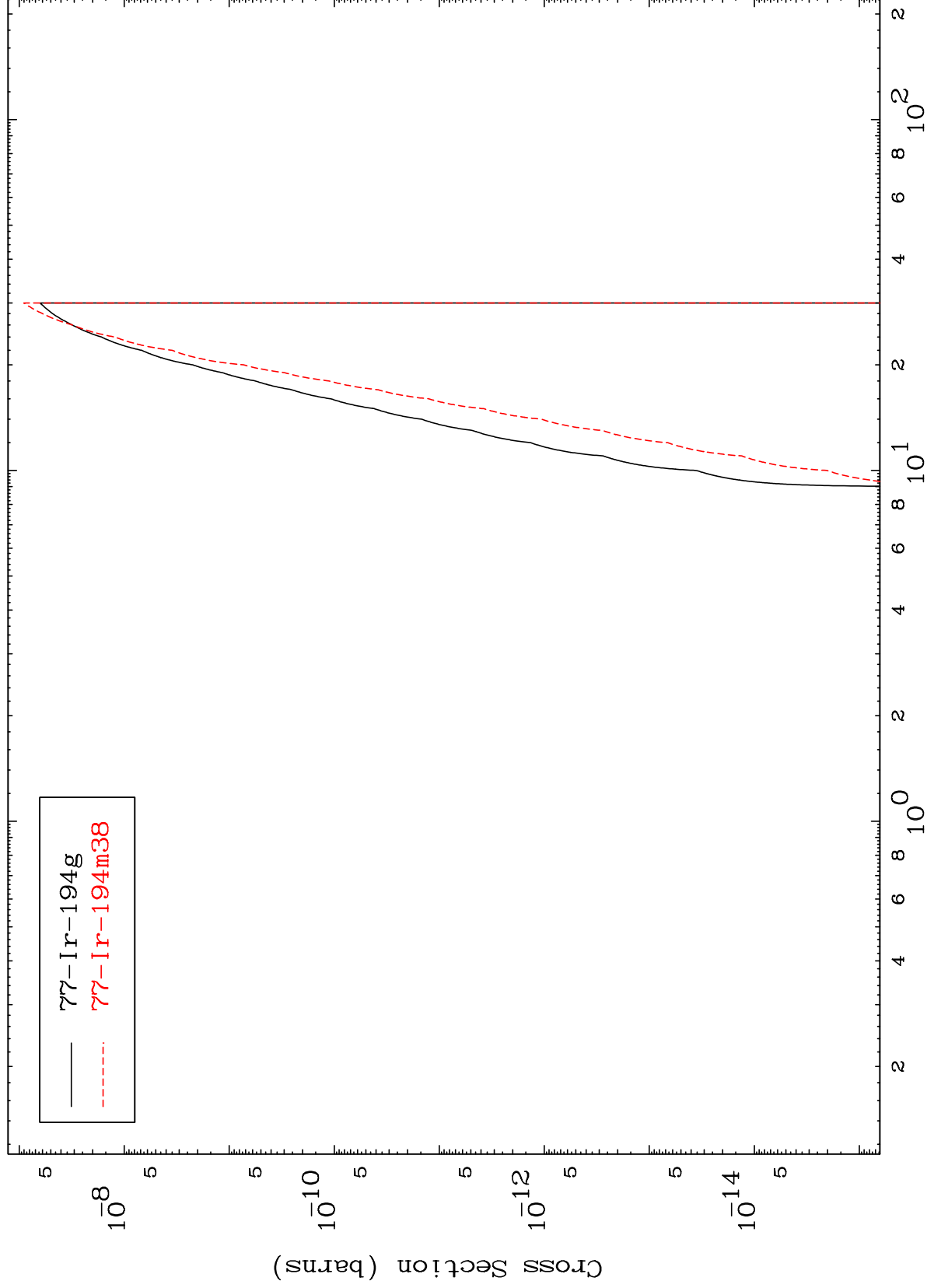
Incident Energy (MeV)

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(n,p) α

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

Radionuclide Production Cross Section



32

Incident Energy (MeV)

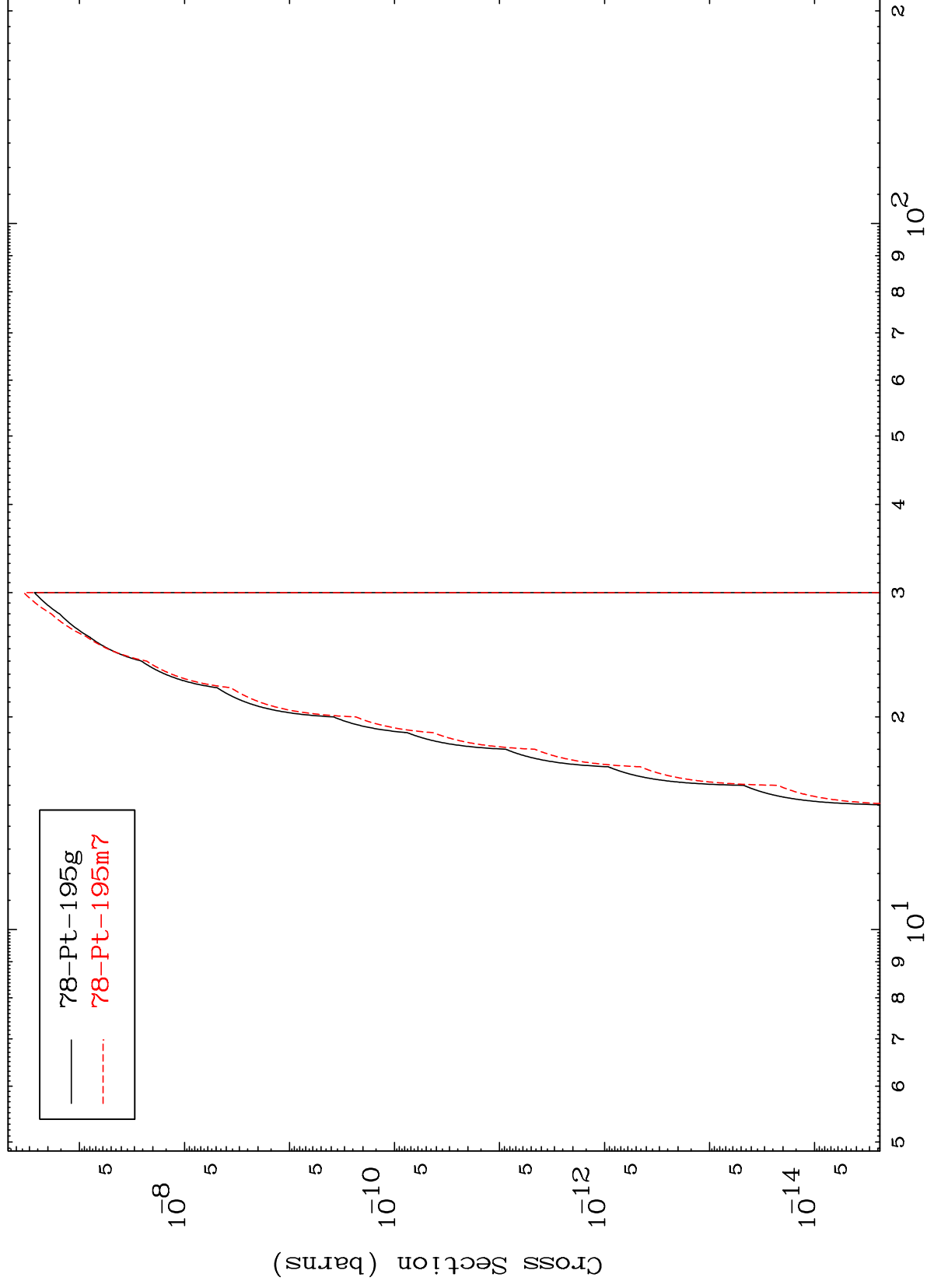
$^{79}\text{Au-196n}$

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(n,p) t

⁷⁹Au-196n

Radionuclide Production Cross Section



33

Incident Energy (MeV)

⁷⁹Au-196n

Radionuclide Production Cross Section
(n,d) α

