

Program EVALPLOT
(Version 2021-1)

by

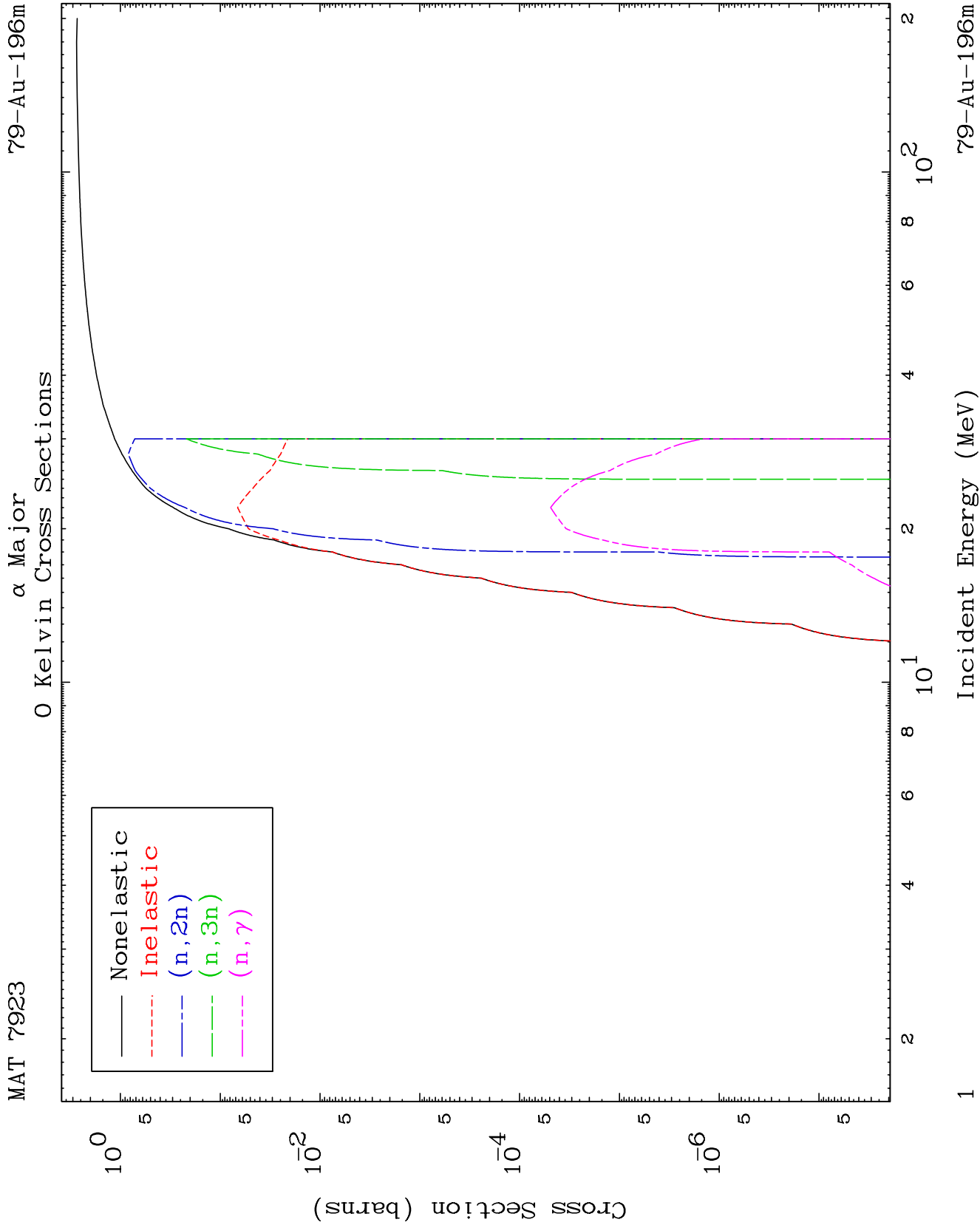
Dermott E. Cullen
(Present Contact Information)

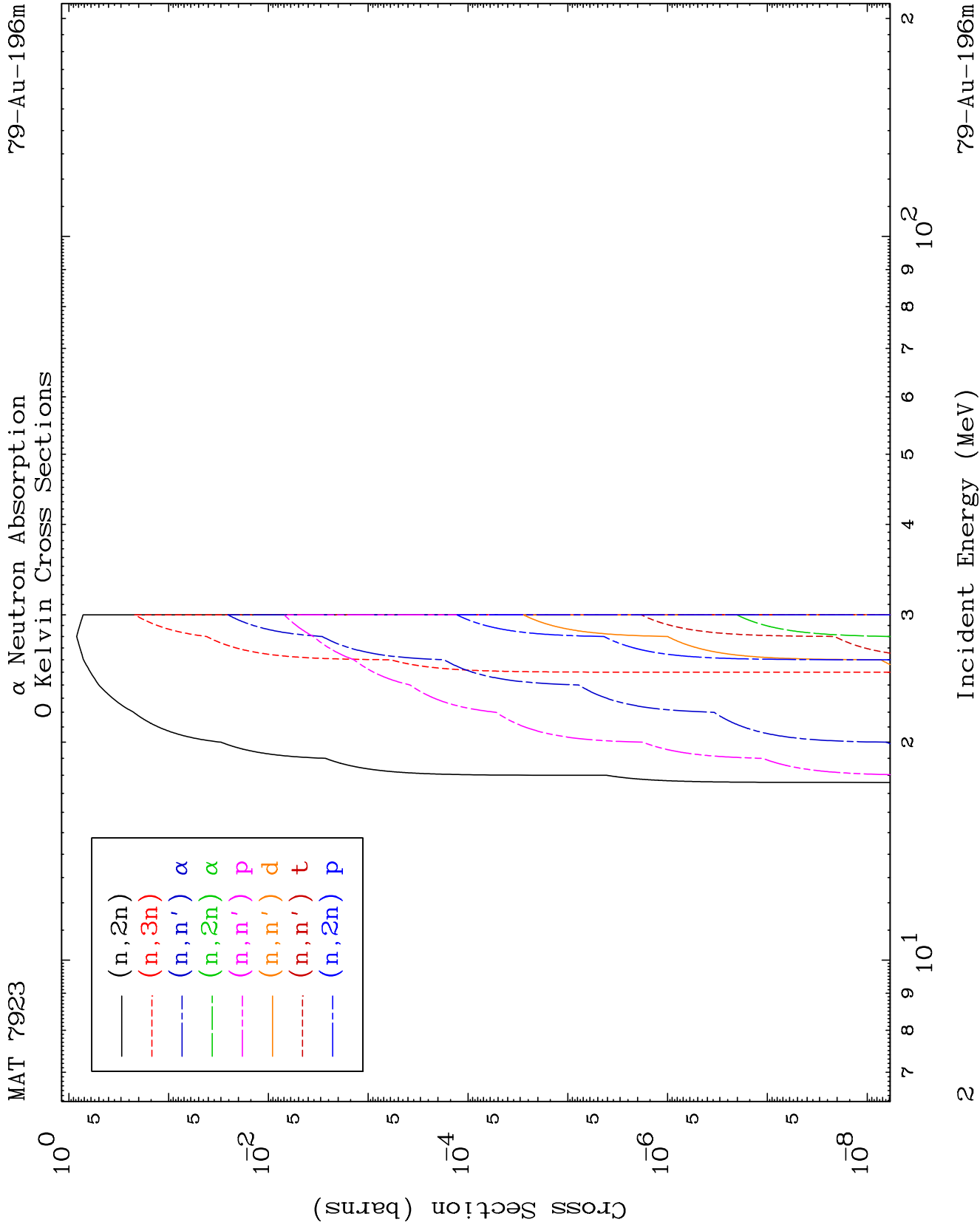
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

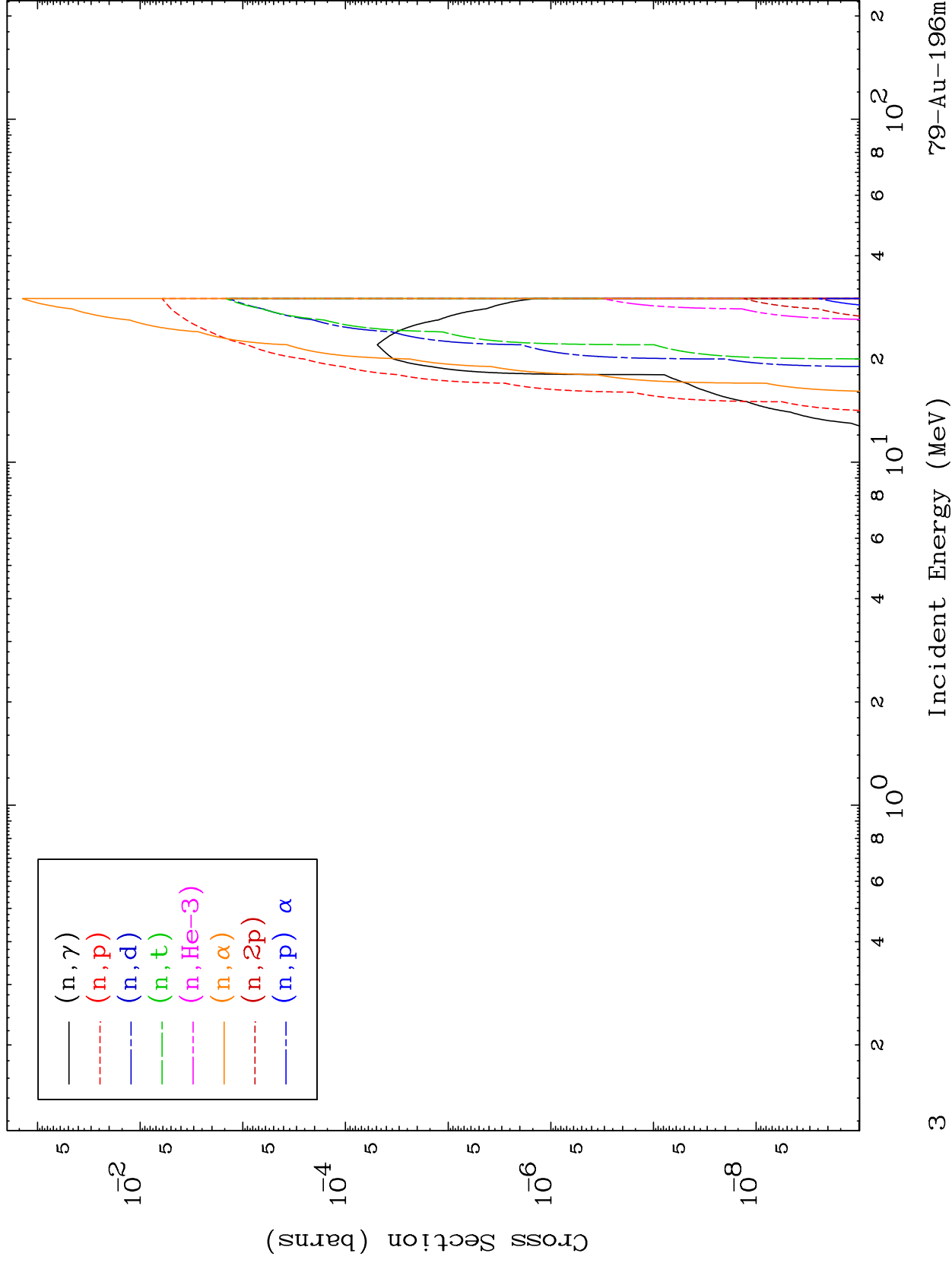
Tele: 925-443-1911

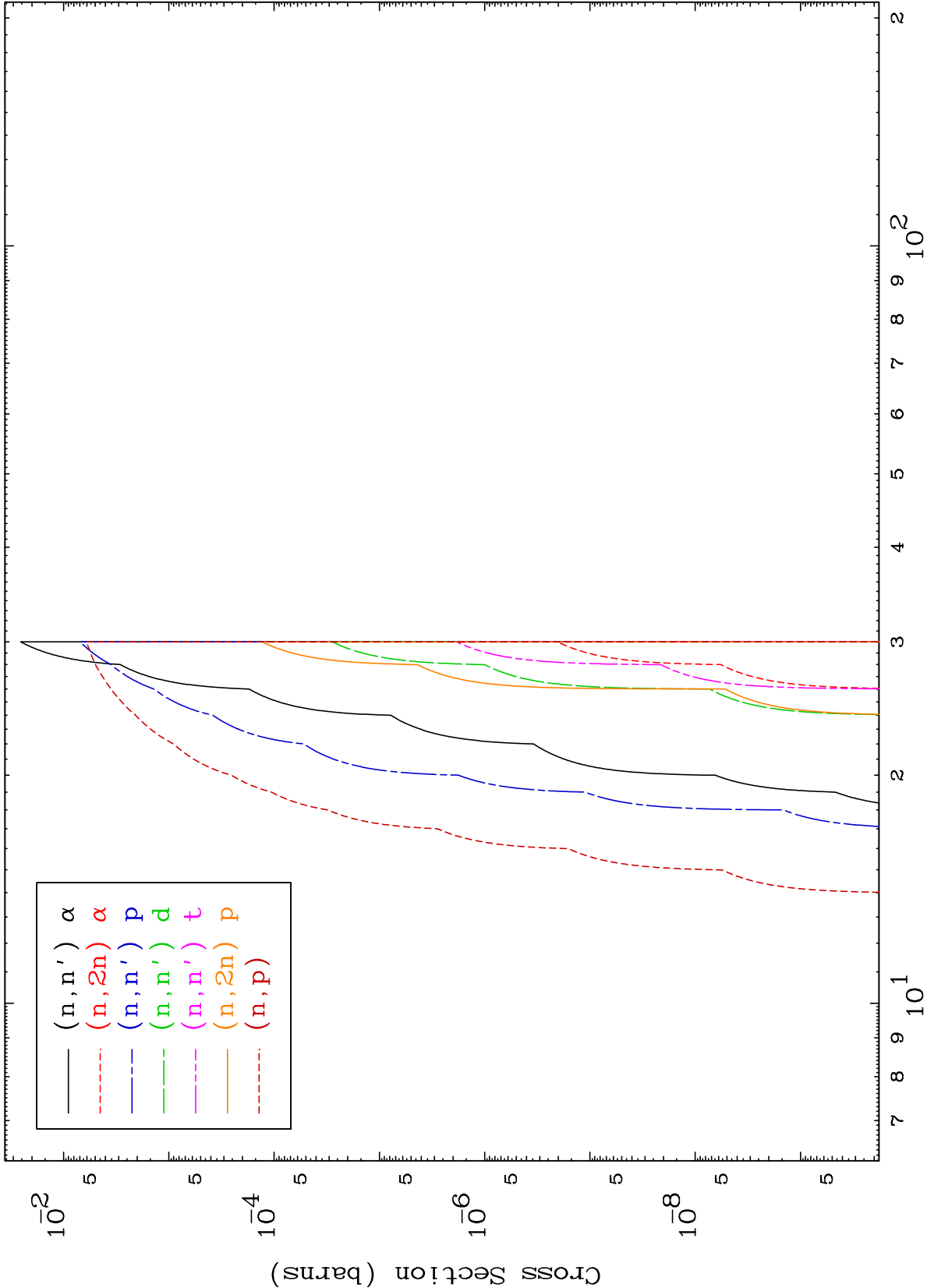
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

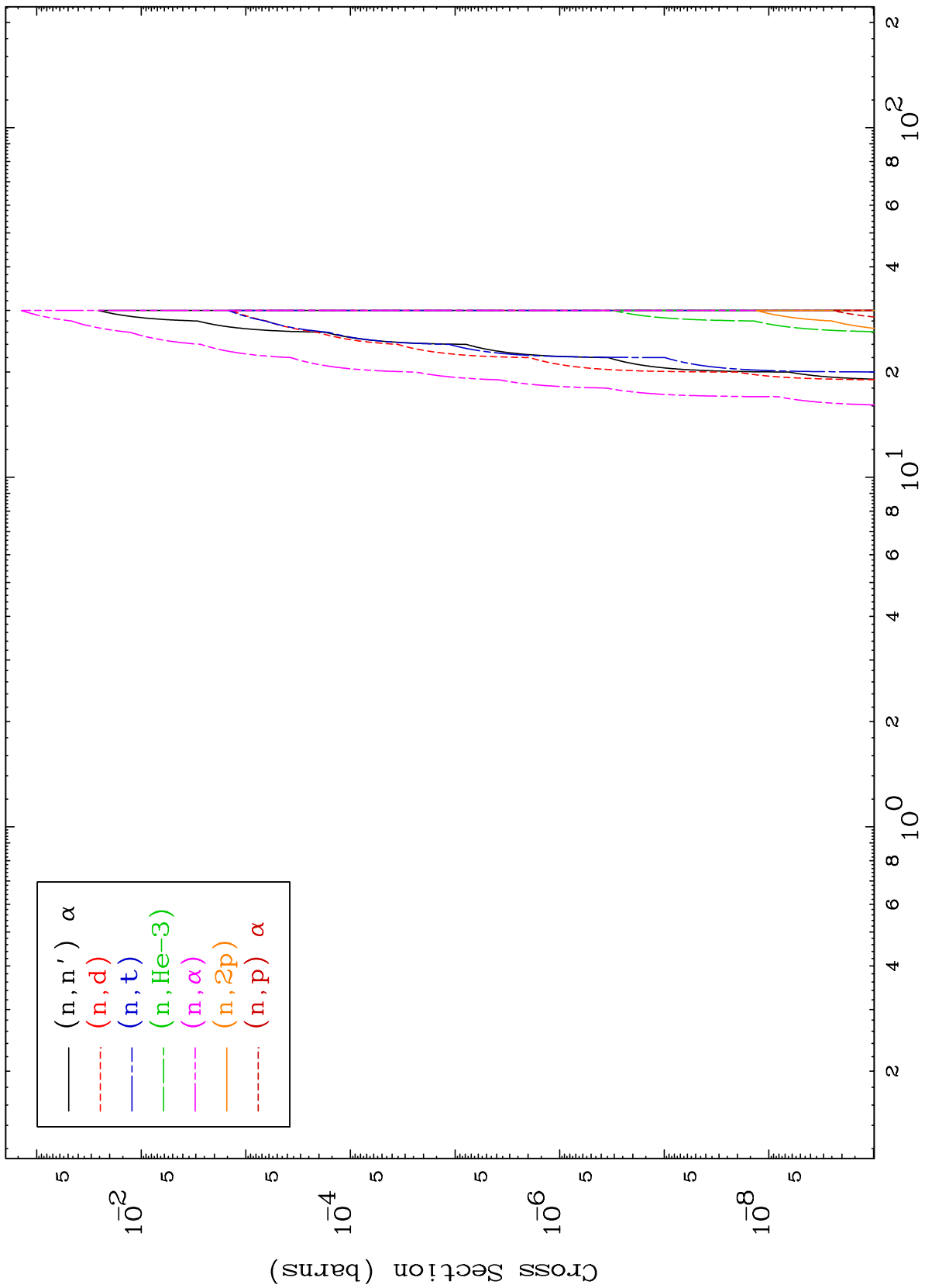








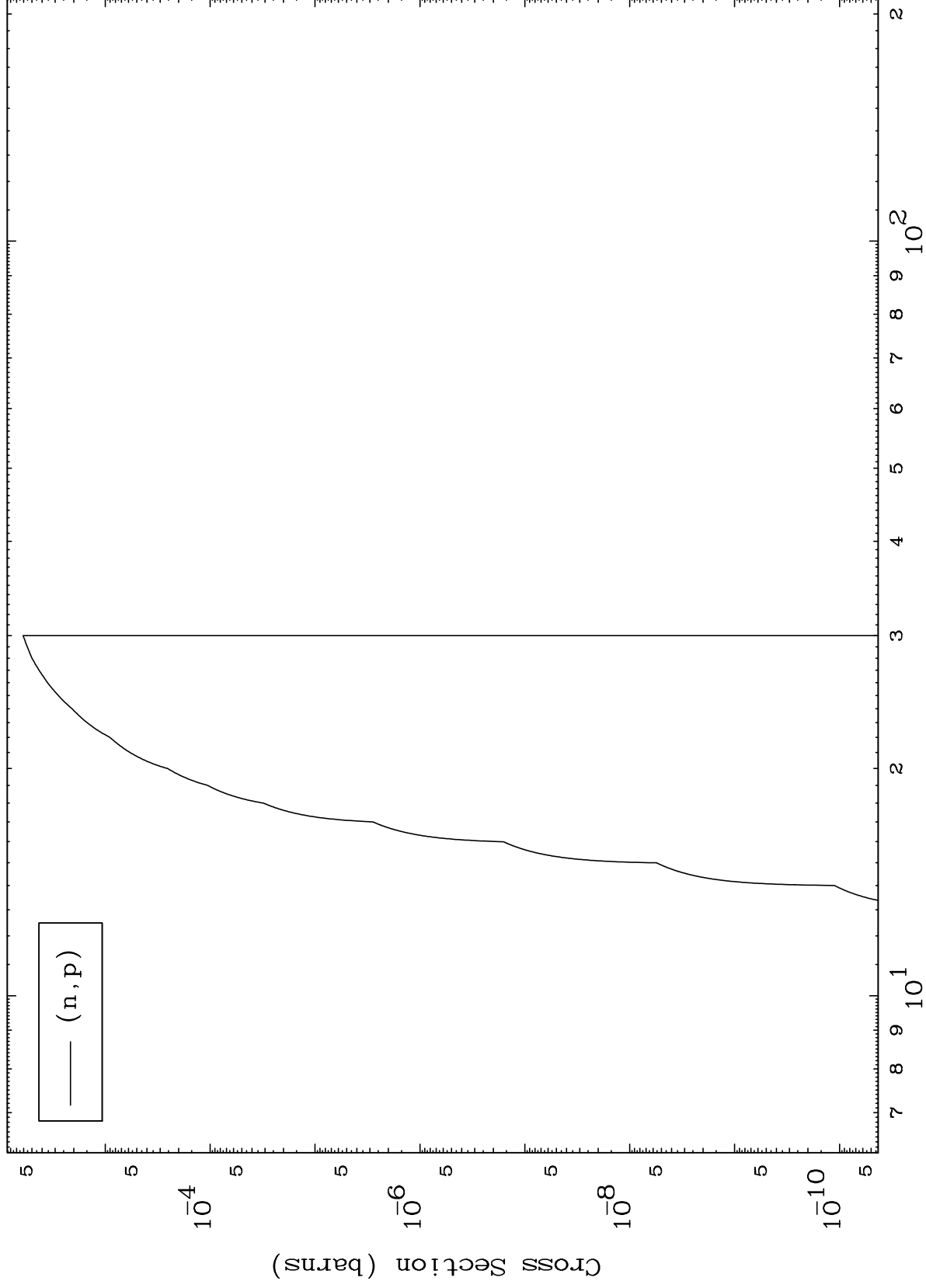
0 Kelvin Cross Sections



MAT 7923

79-Au-196m

(α, p) Levels
0 Kelvin Cross Sections



79-Au-196m

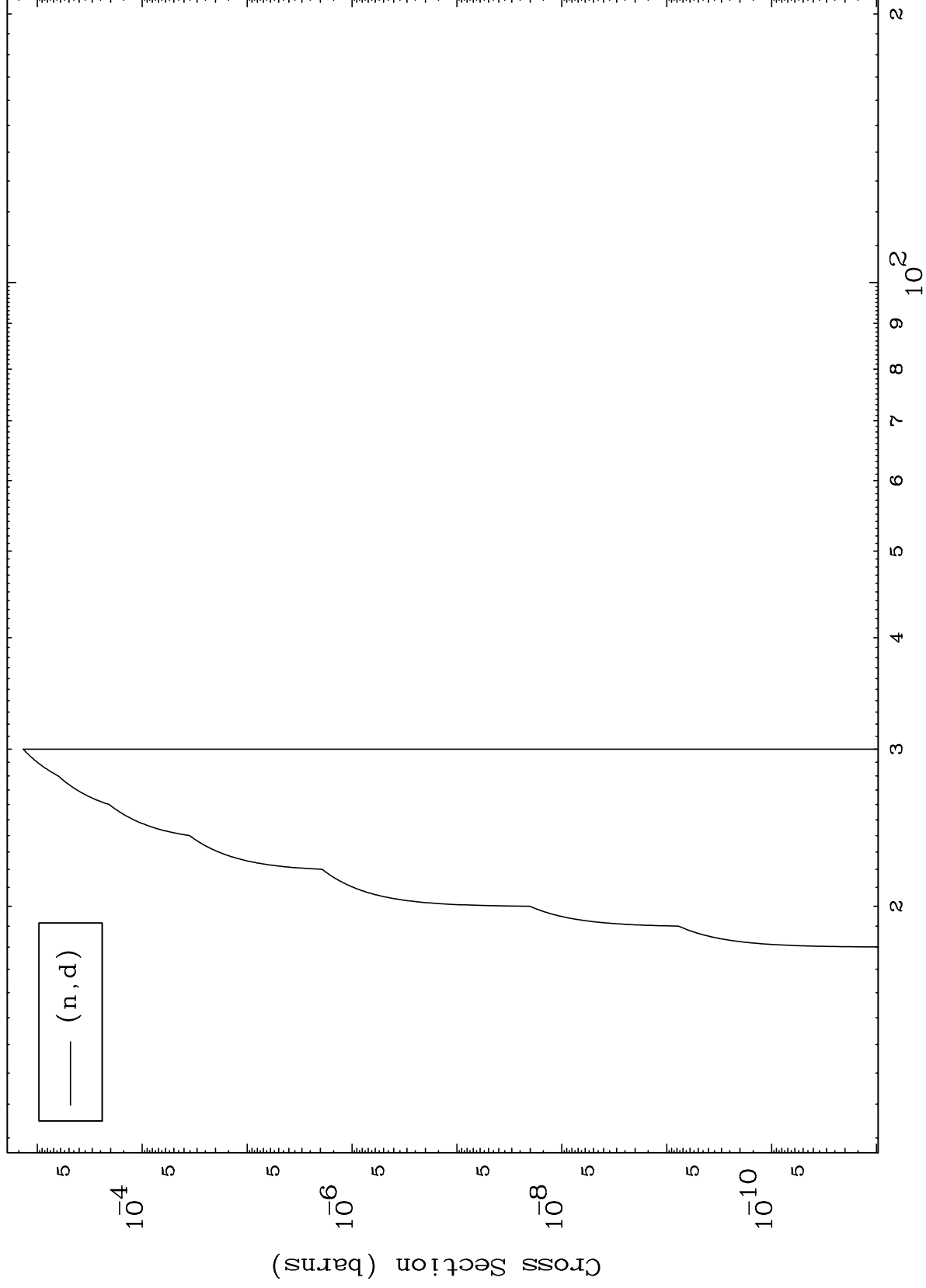
Incident Energy (MeV)

6

MAT 7923

79-Au-196m

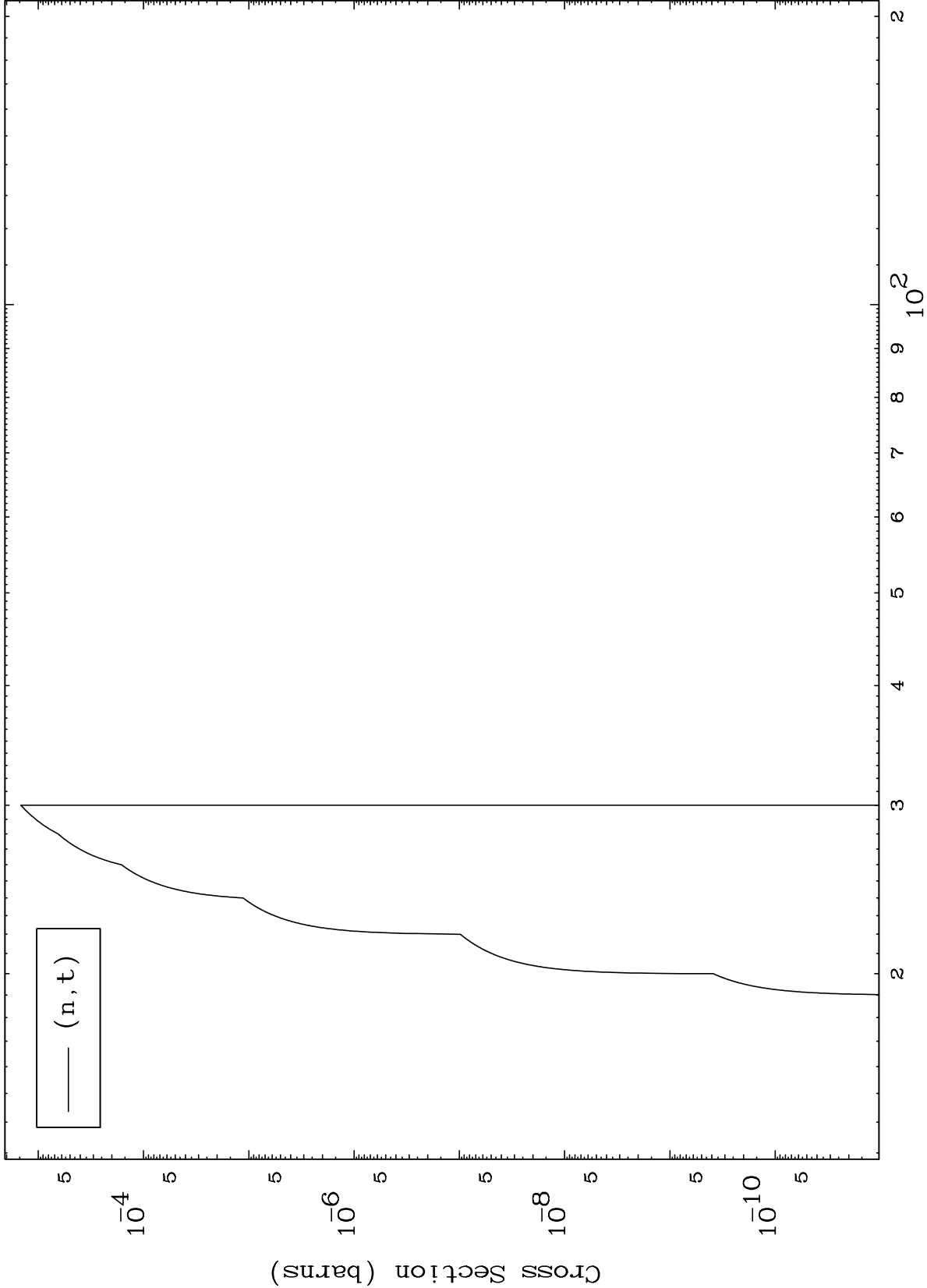
(α ,d) Levels
0 Kelvin Cross Sections



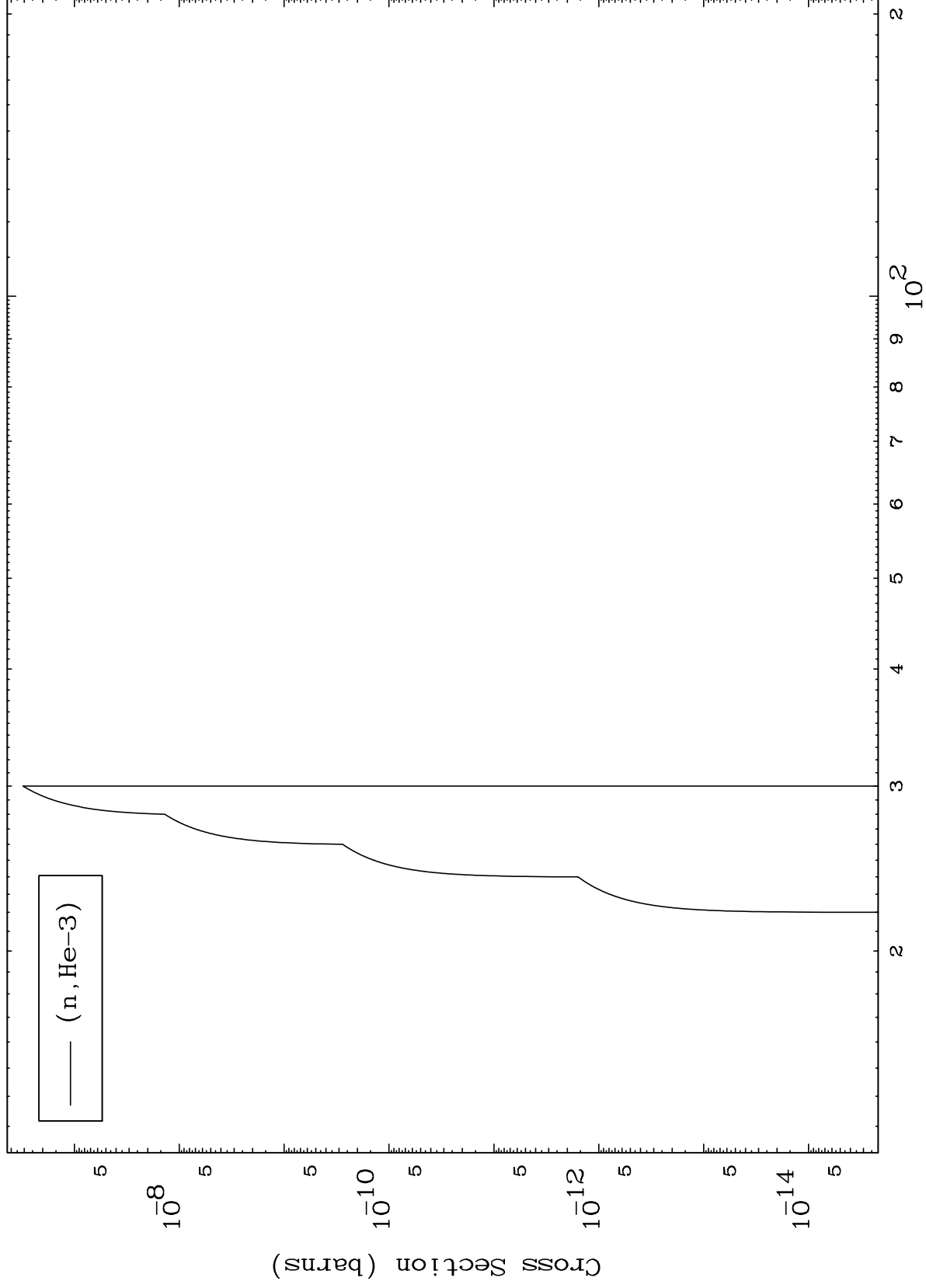
7

79-Au-196m

Incident Energy (MeV)



(α ,He3) Levels
0 Kelvin Cross Sections

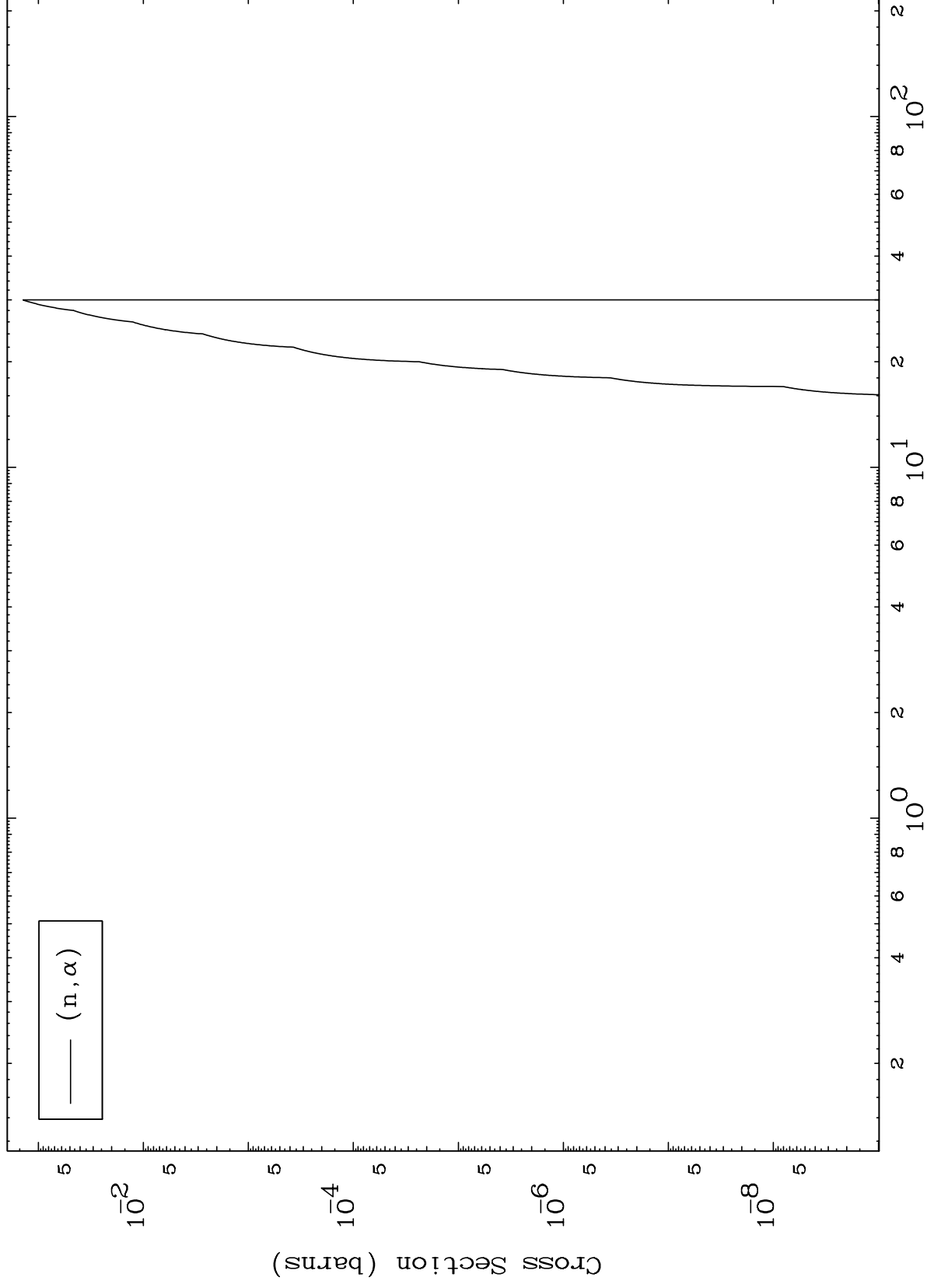


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(α, α) Levels

0 Kelvin Cross Sections

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



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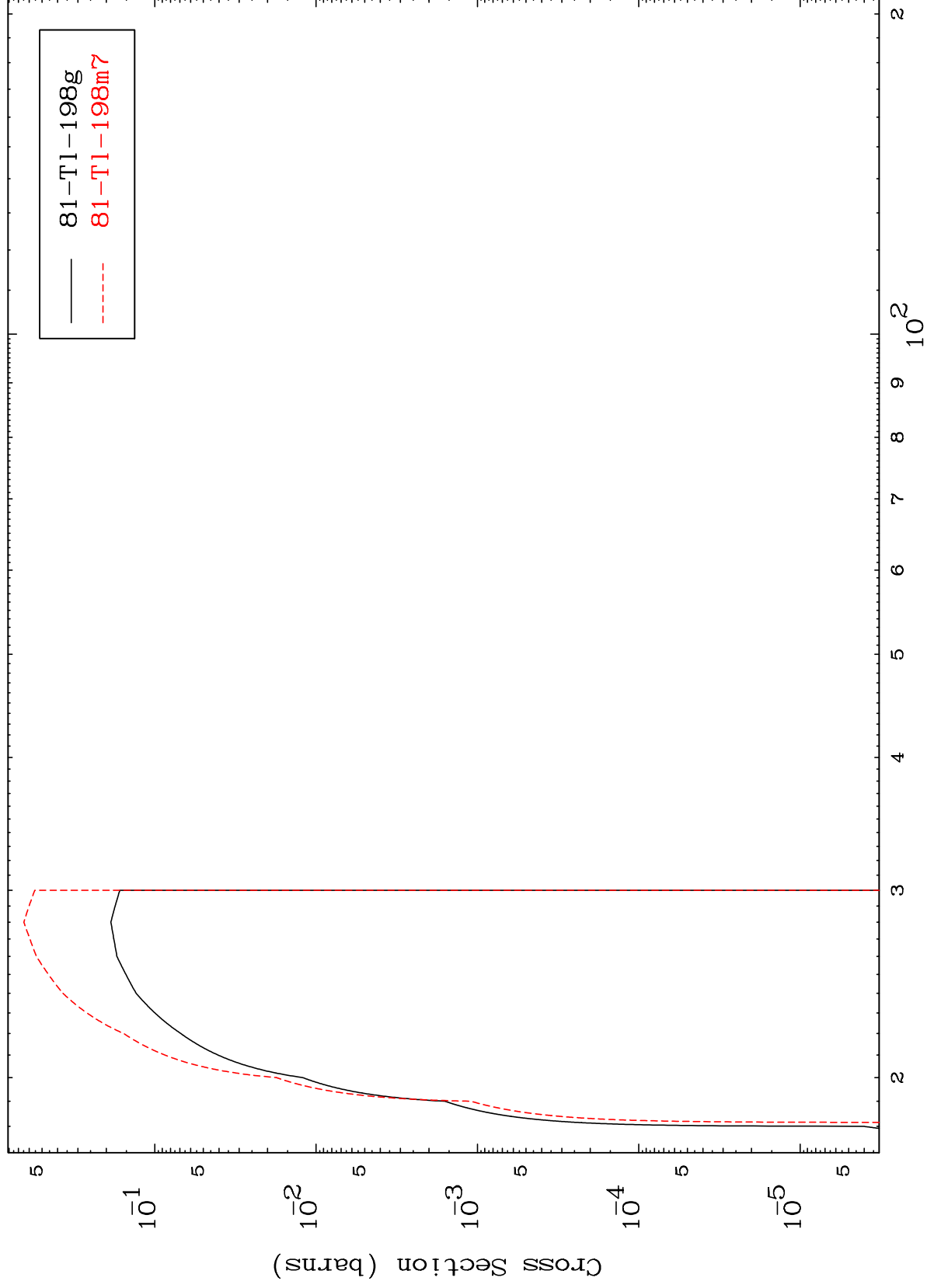
Incident Energy (MeV)

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

MAT 7923

79-Au-196m

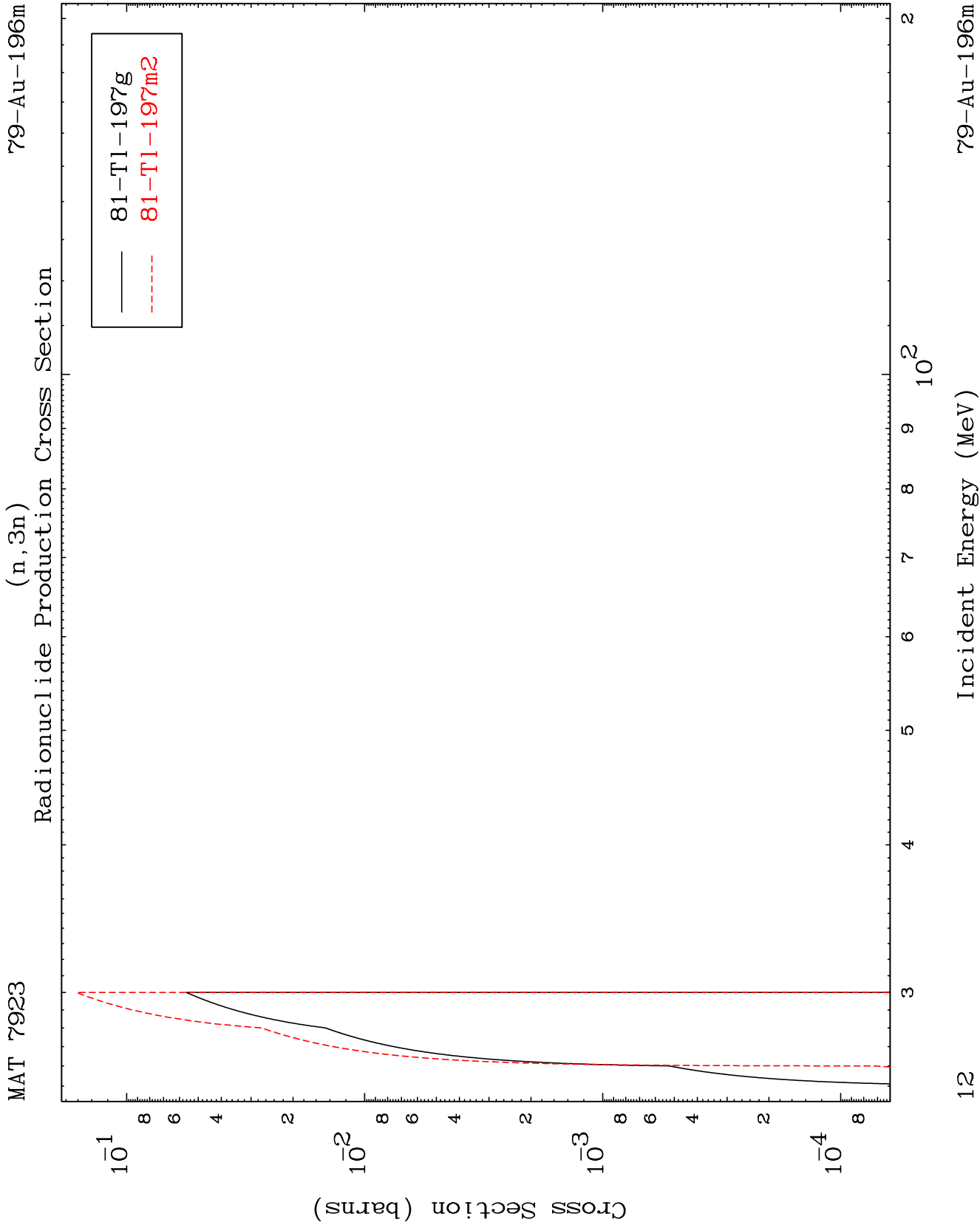
(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

79-Au-196m

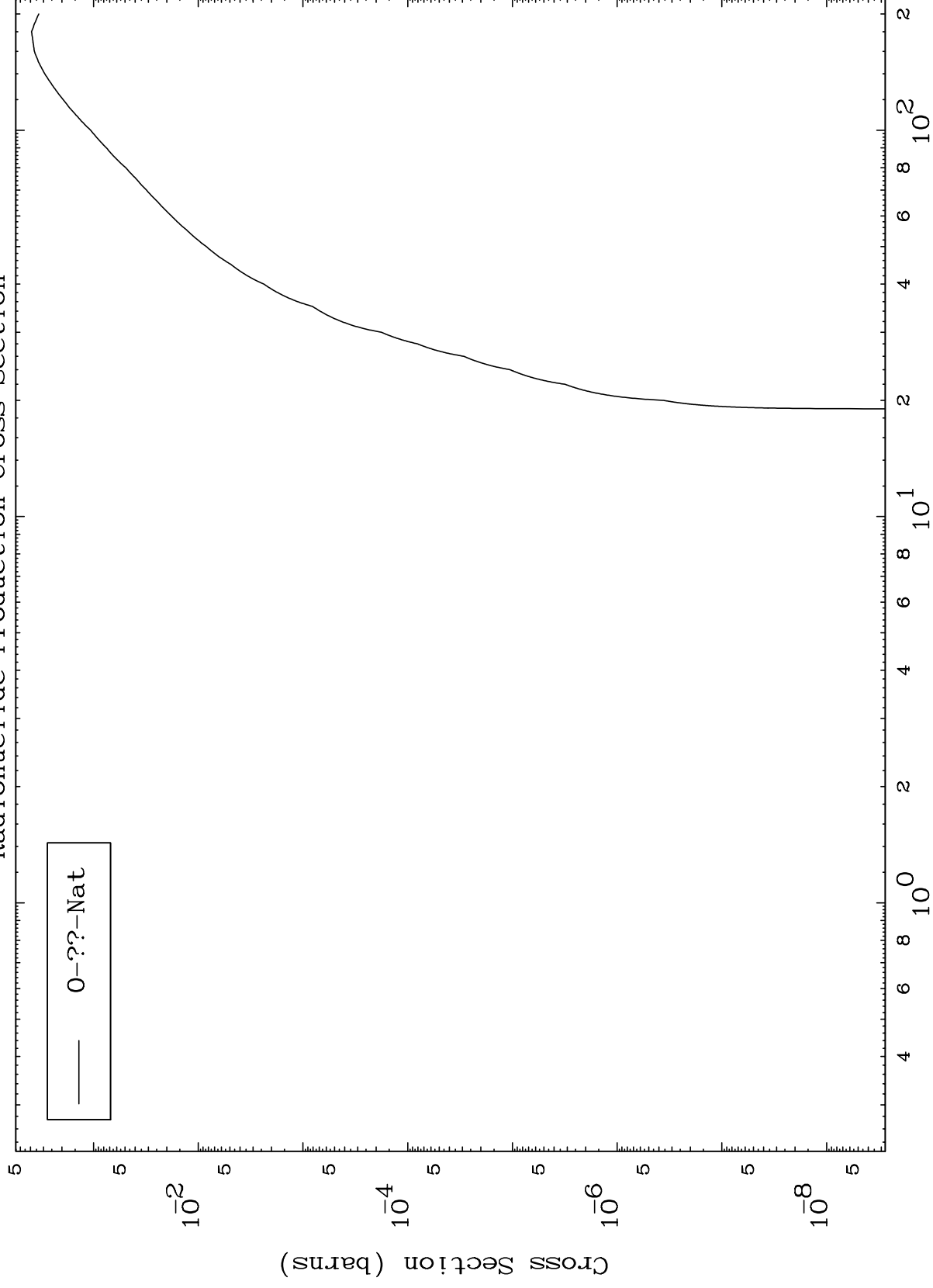


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Fission

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

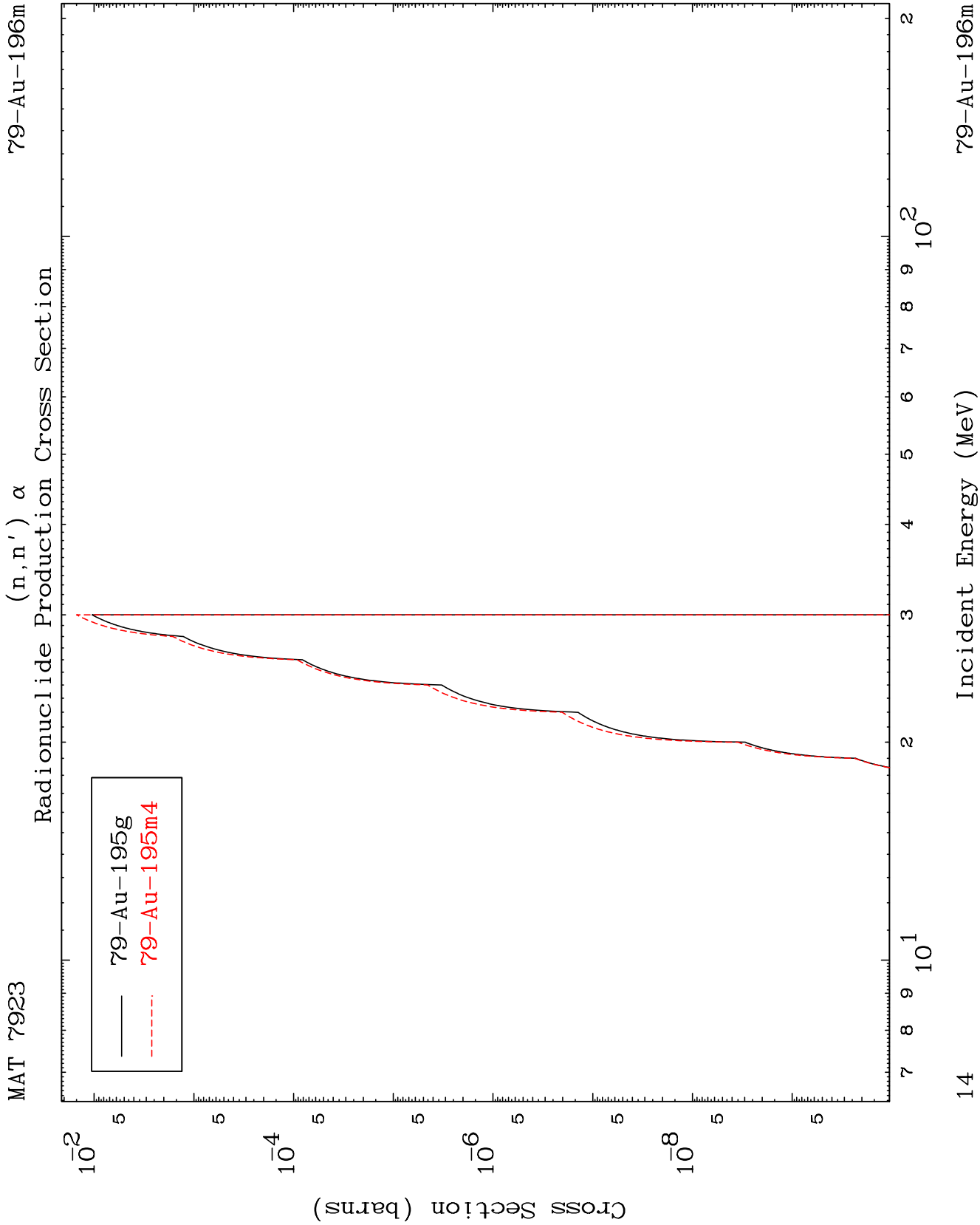
Radionuclide Production Cross Section

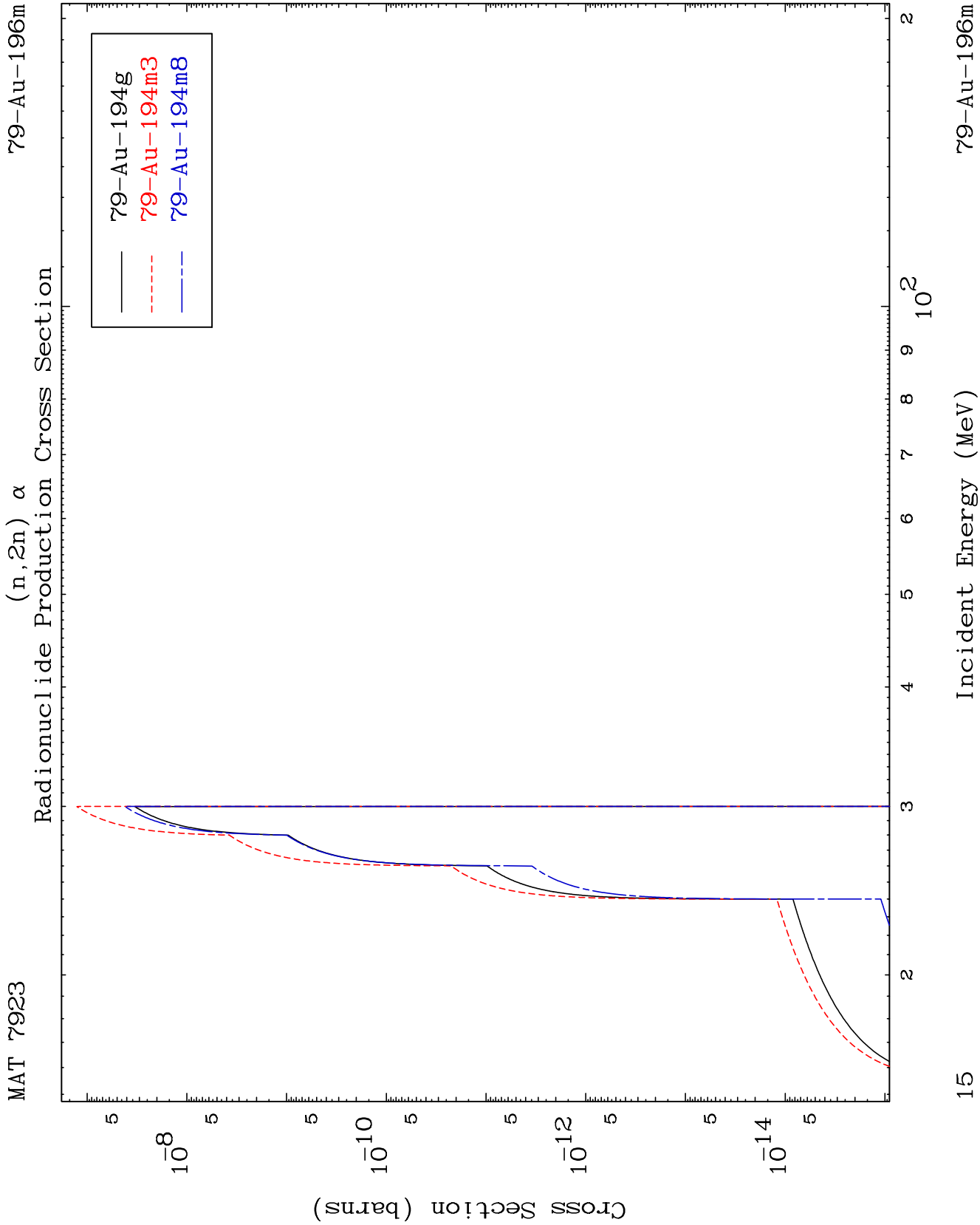


13

Incident Energy (MeV)

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



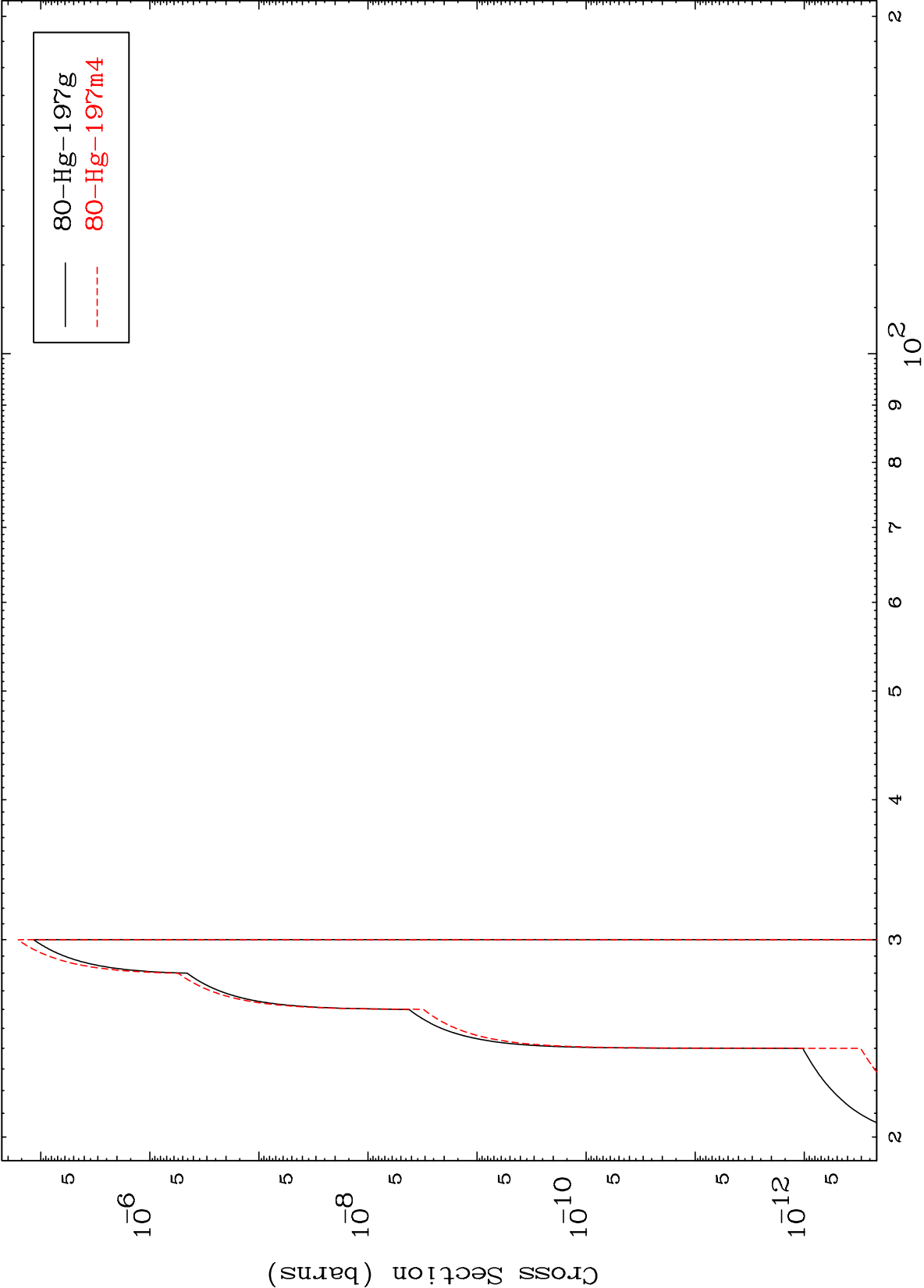


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(n,n') d

⁷⁹Au-¹⁹⁶m

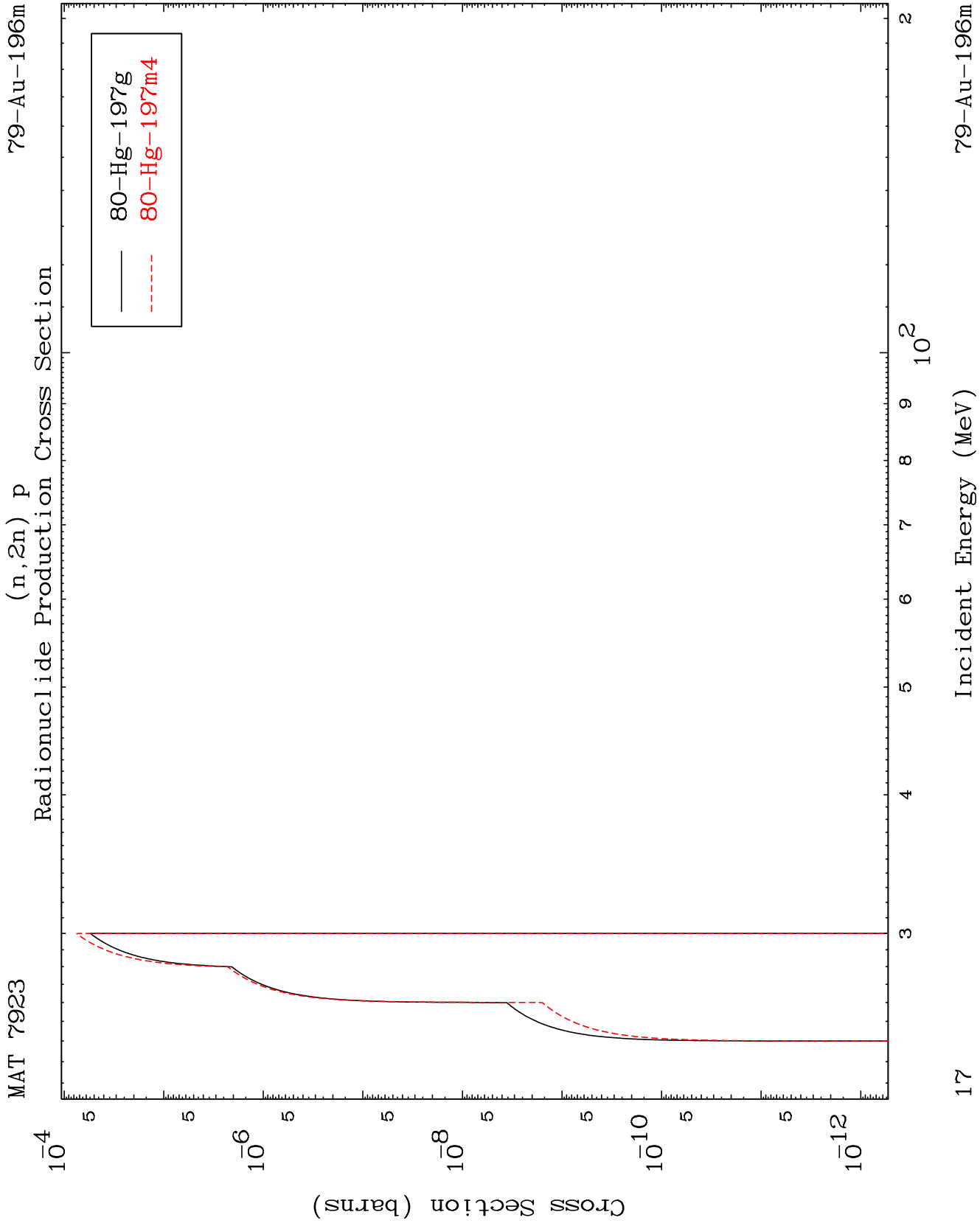
Radionuclide Production Cross Section



16

Incident Energy (MeV)

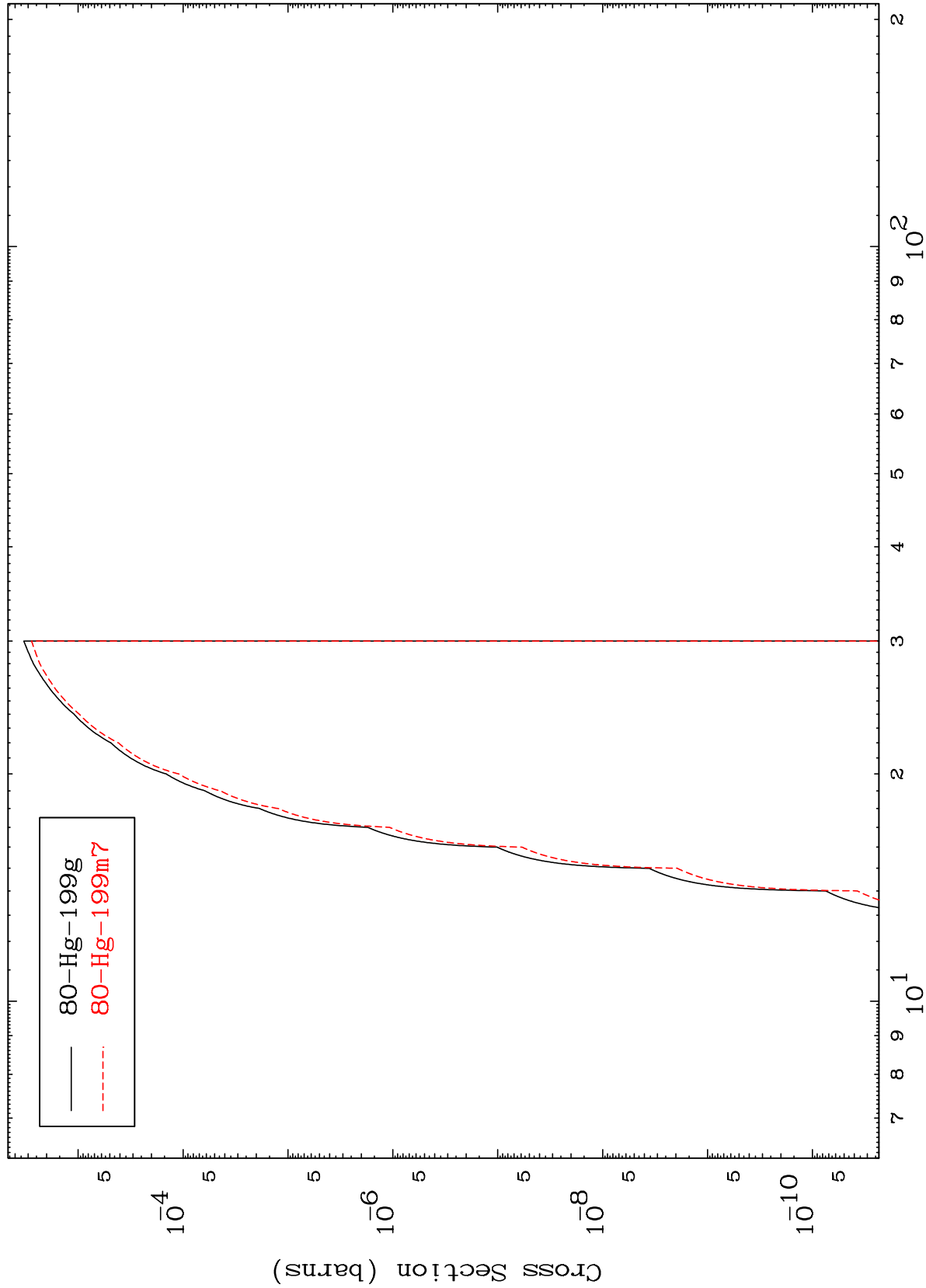
⁷⁹Au-¹⁹⁶m



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⁷⁹Au-196m

Radionuclide Production Cross Section



18

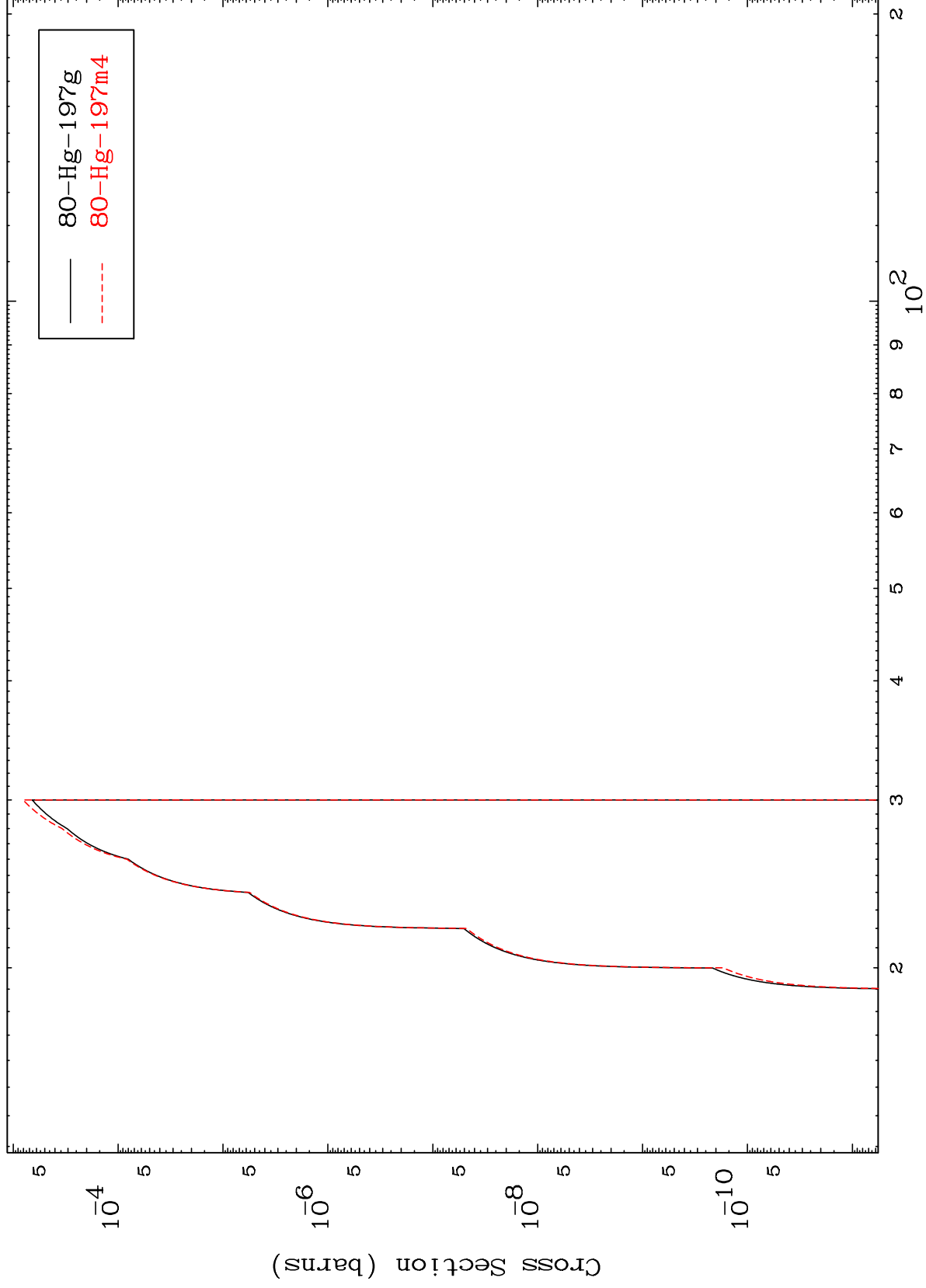
Incident Energy (MeV)

⁷⁹Au-196m

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79-Au-196m

(n,t)
Radionuclide Production Cross Section



19

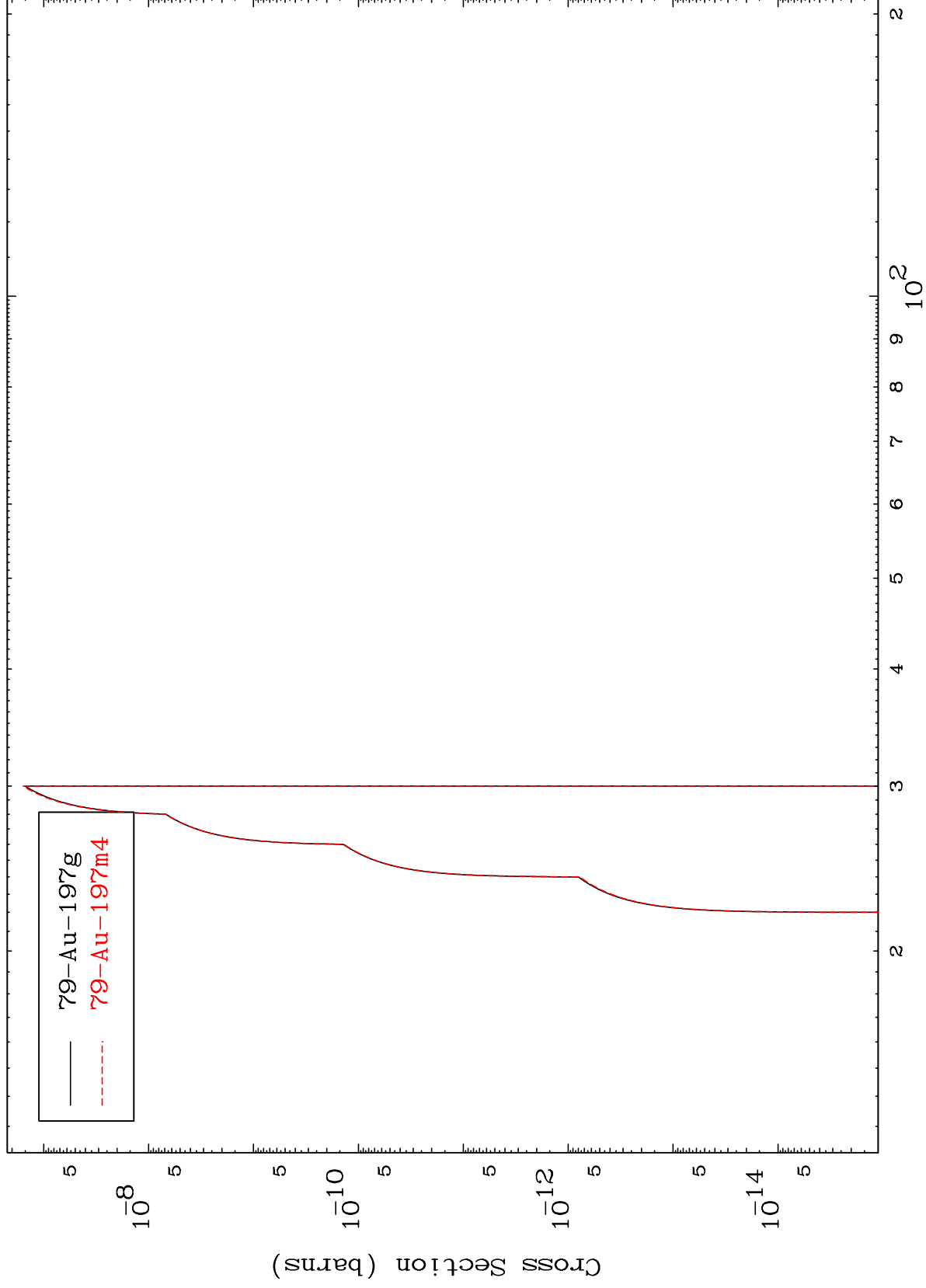
Incident Energy (MeV)

79-Au-196m

MAT 7923

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

Radionuclide Production Cross Section

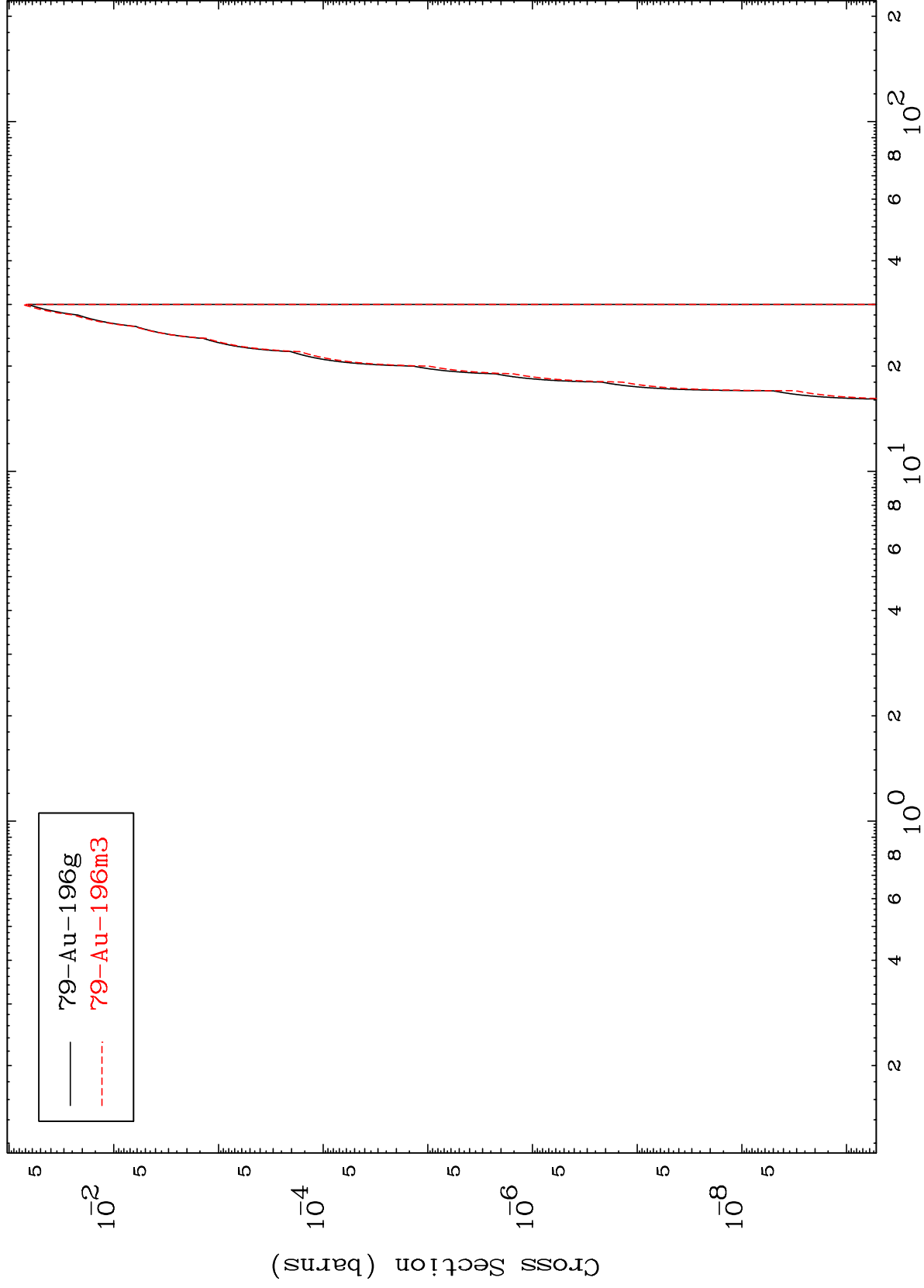


20

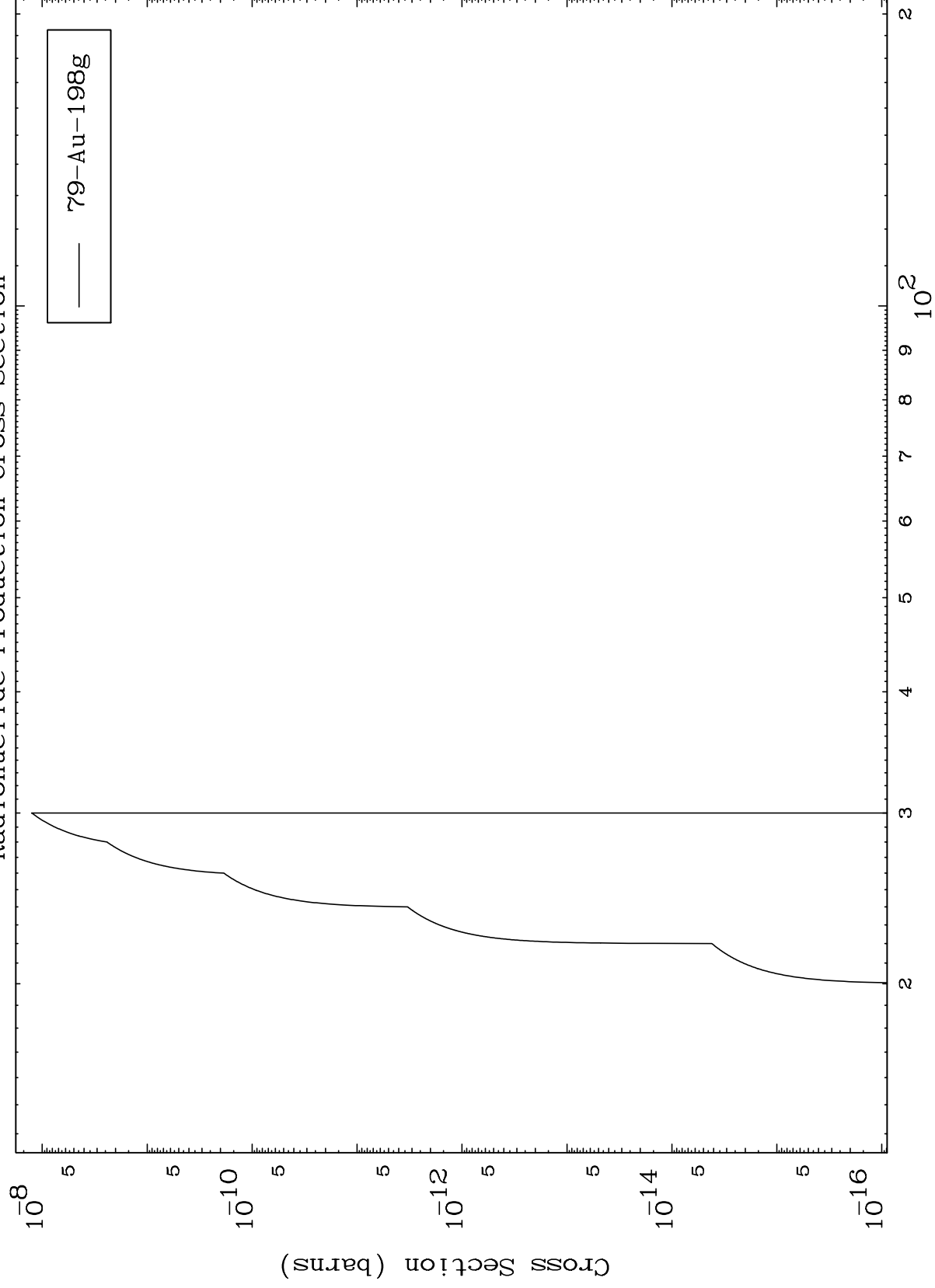
Incident Energy (MeV)

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

Radionuclide Production Cross Section (n,α)



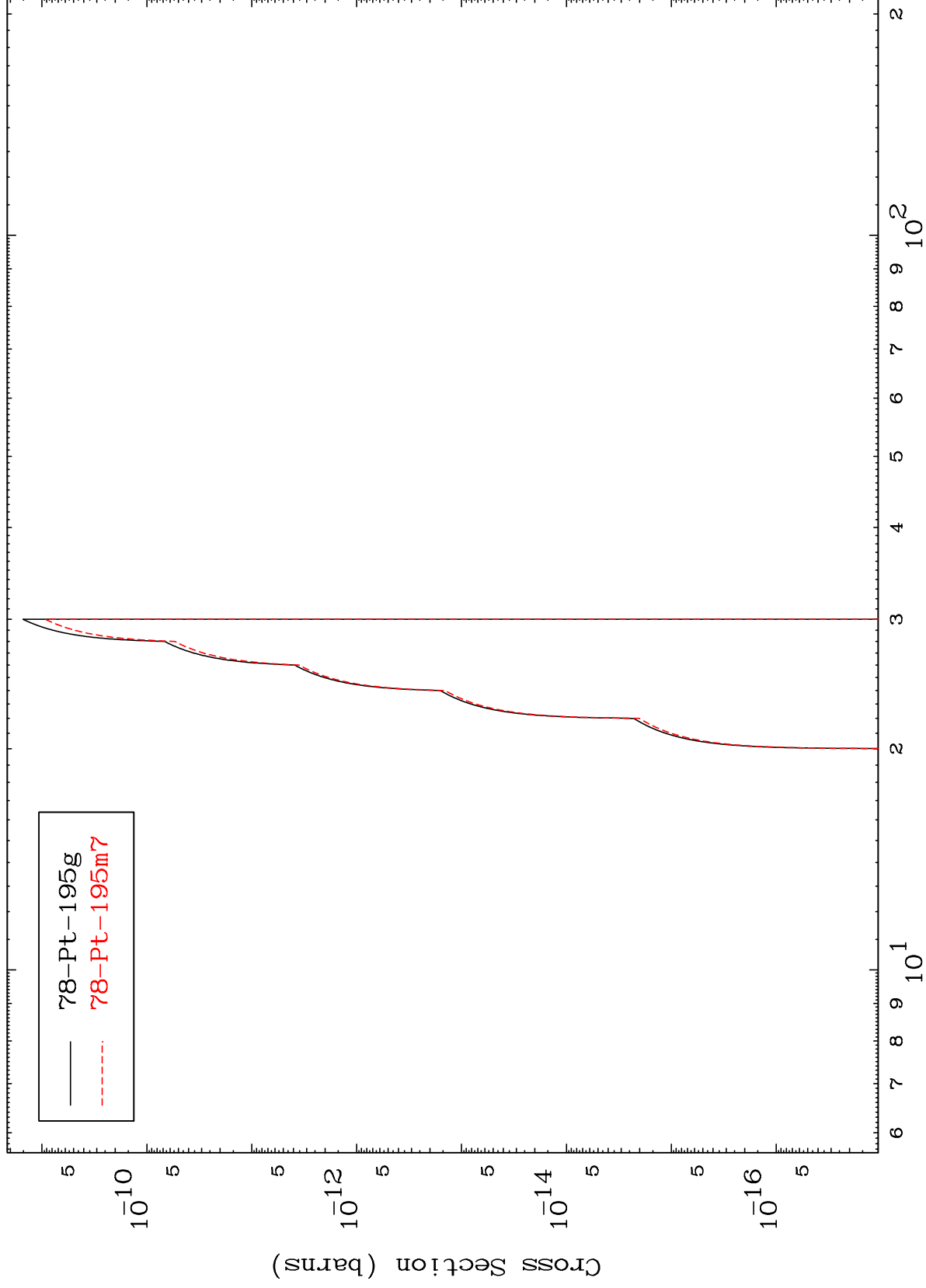
(n,2p)
Radionuclide Production Cross Section



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⁷⁹Au-196m

(n,p) α
Radionuclide Production Cross Section



23

Incident Energy (MeV)

⁷⁹Au-196m