

Program EVALPLOT
(Version 2021-1)

by

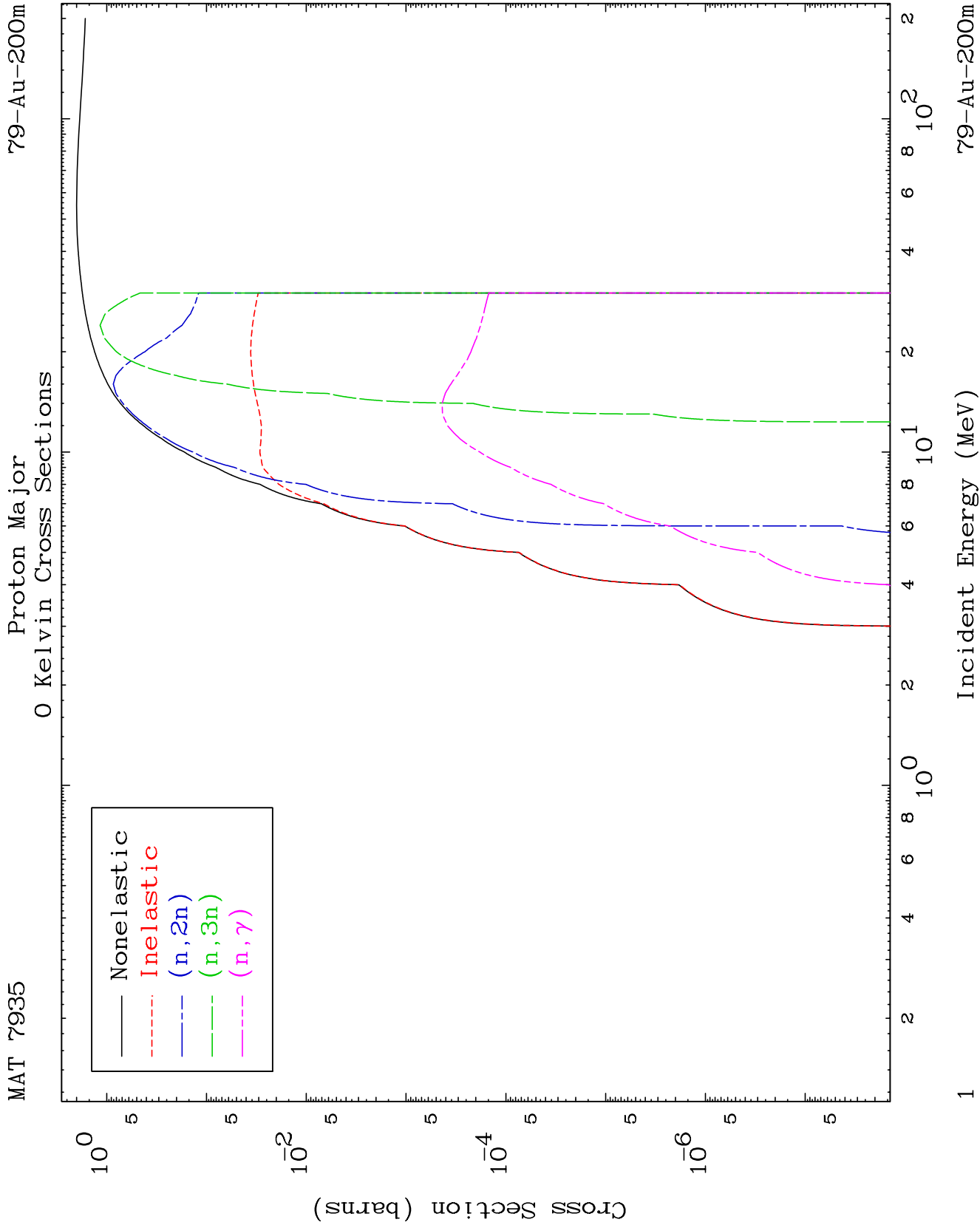
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

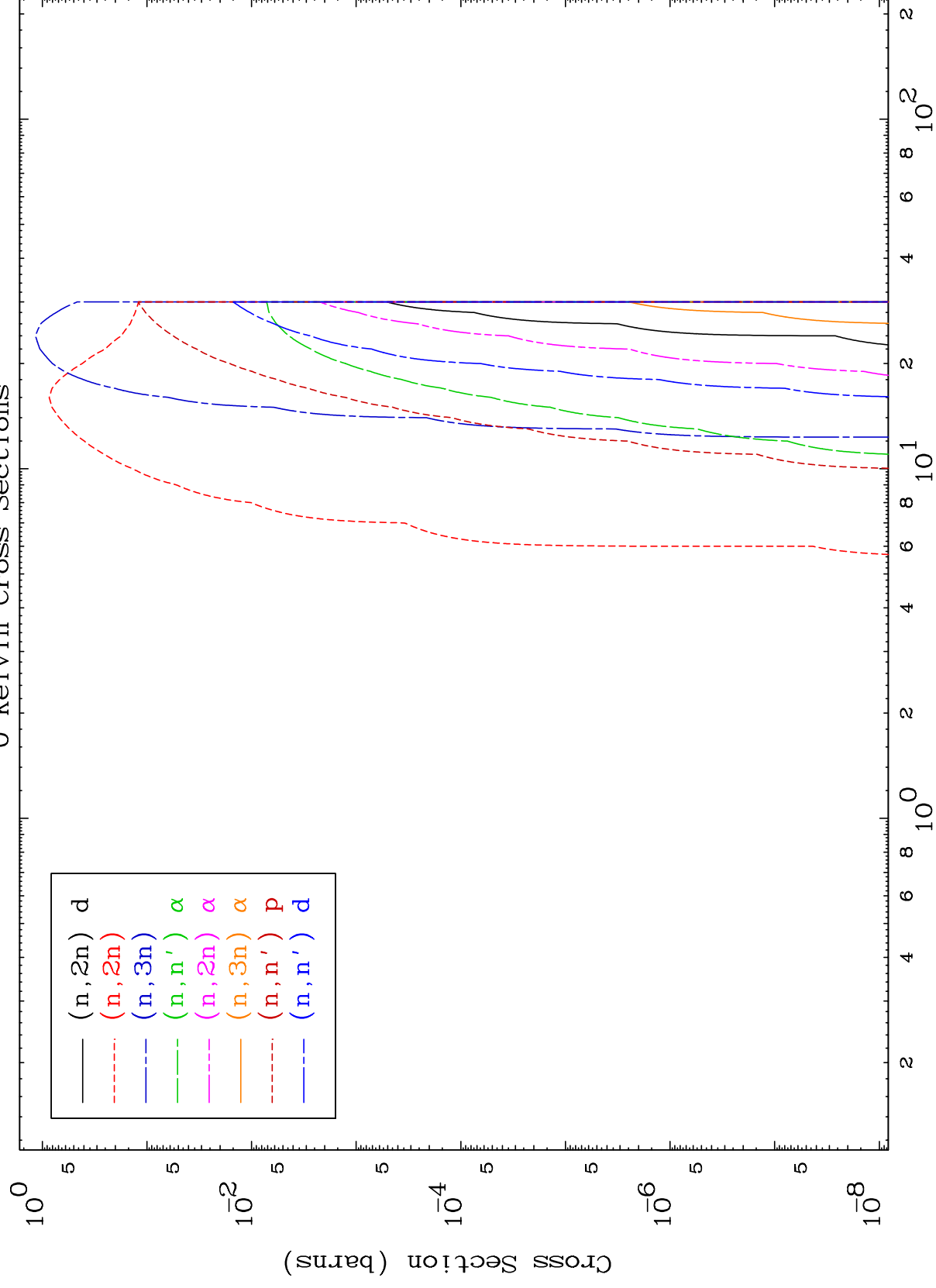
Press Mouse Button to Start



MAT 7935

Proton Neutron Absorption 0 Kelvin Cross Sections

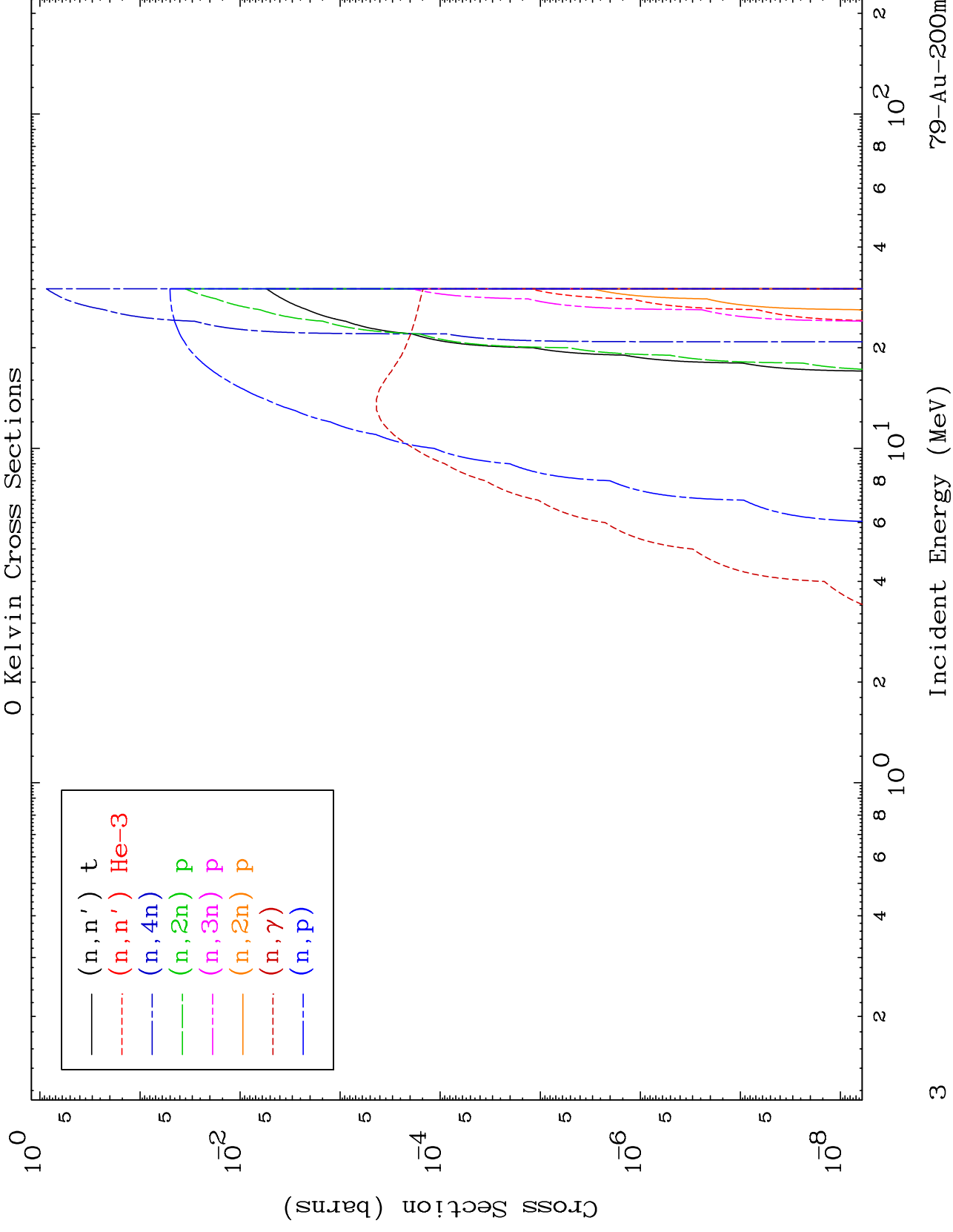
79-Au-200m



2

Incident Energy (MeV)

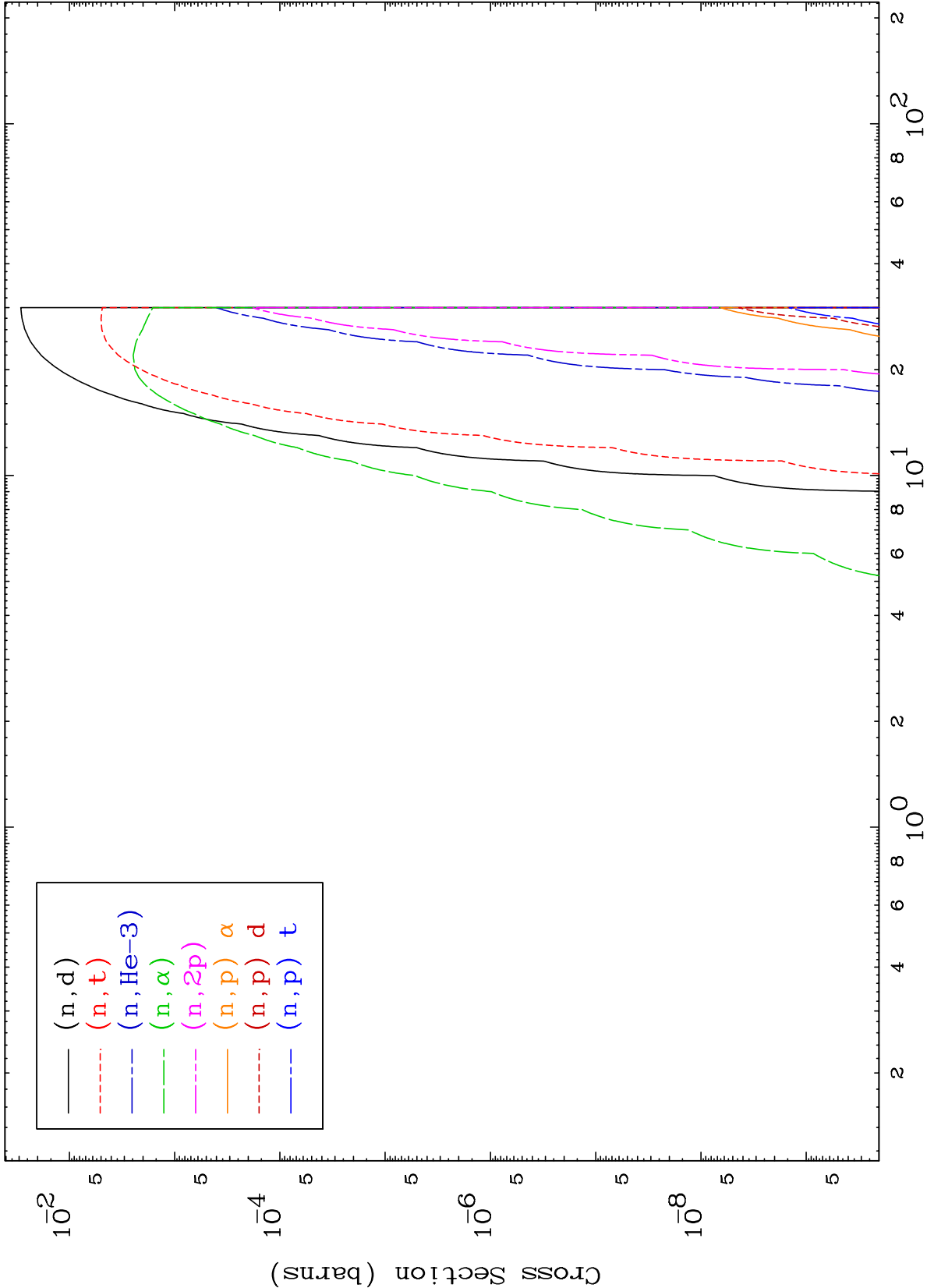
⁷⁹Au-200m

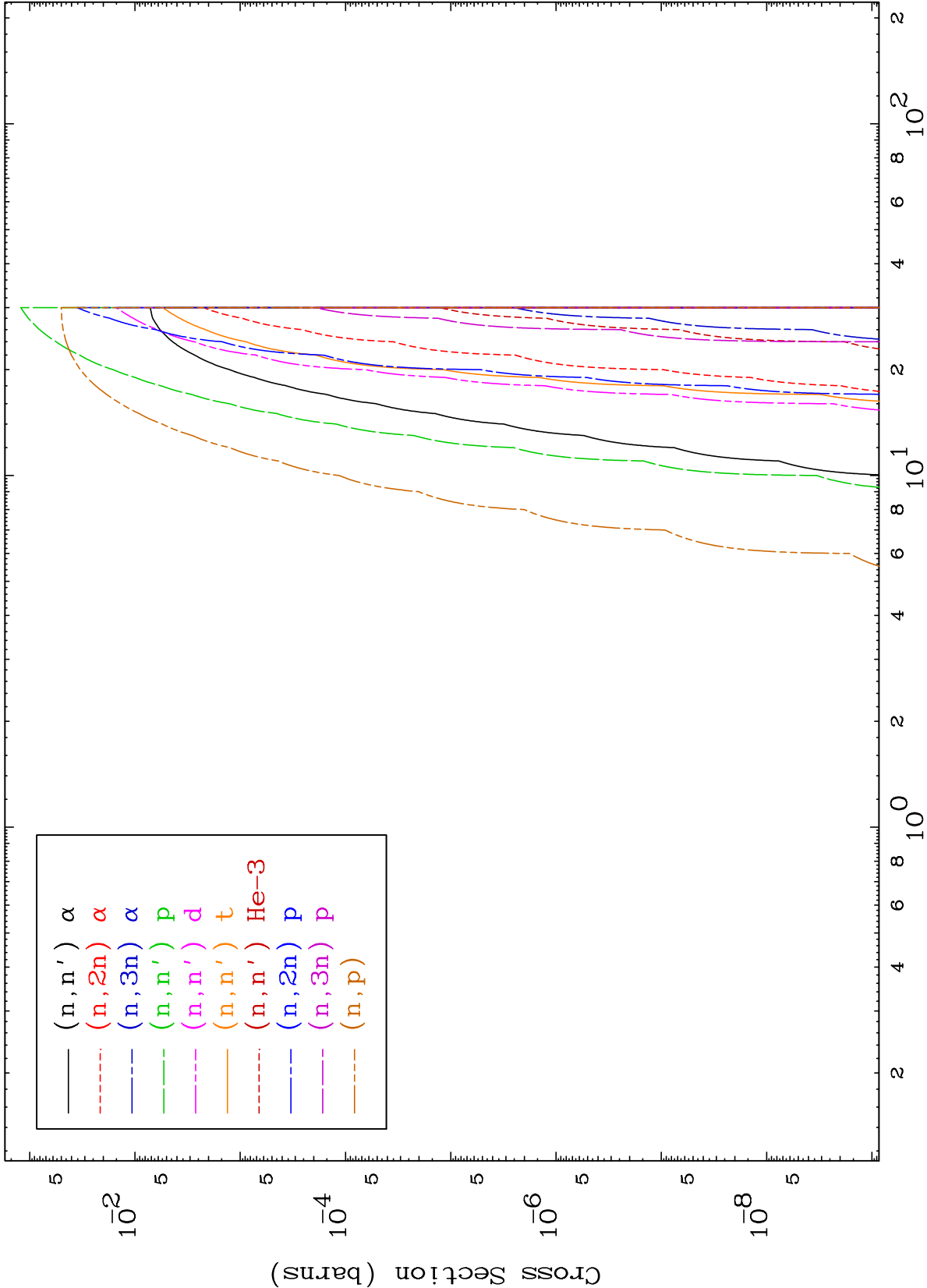


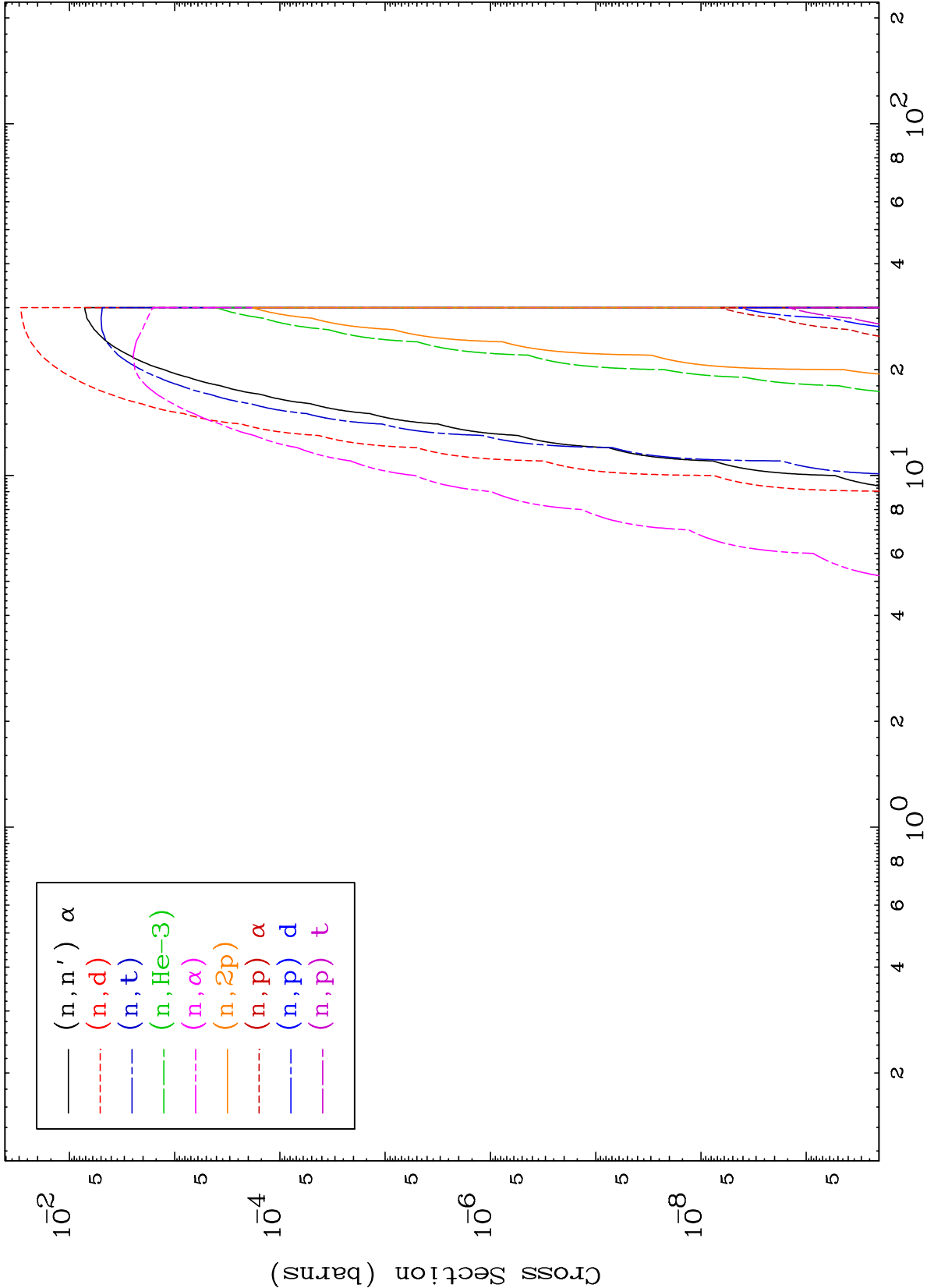
MAT 7935

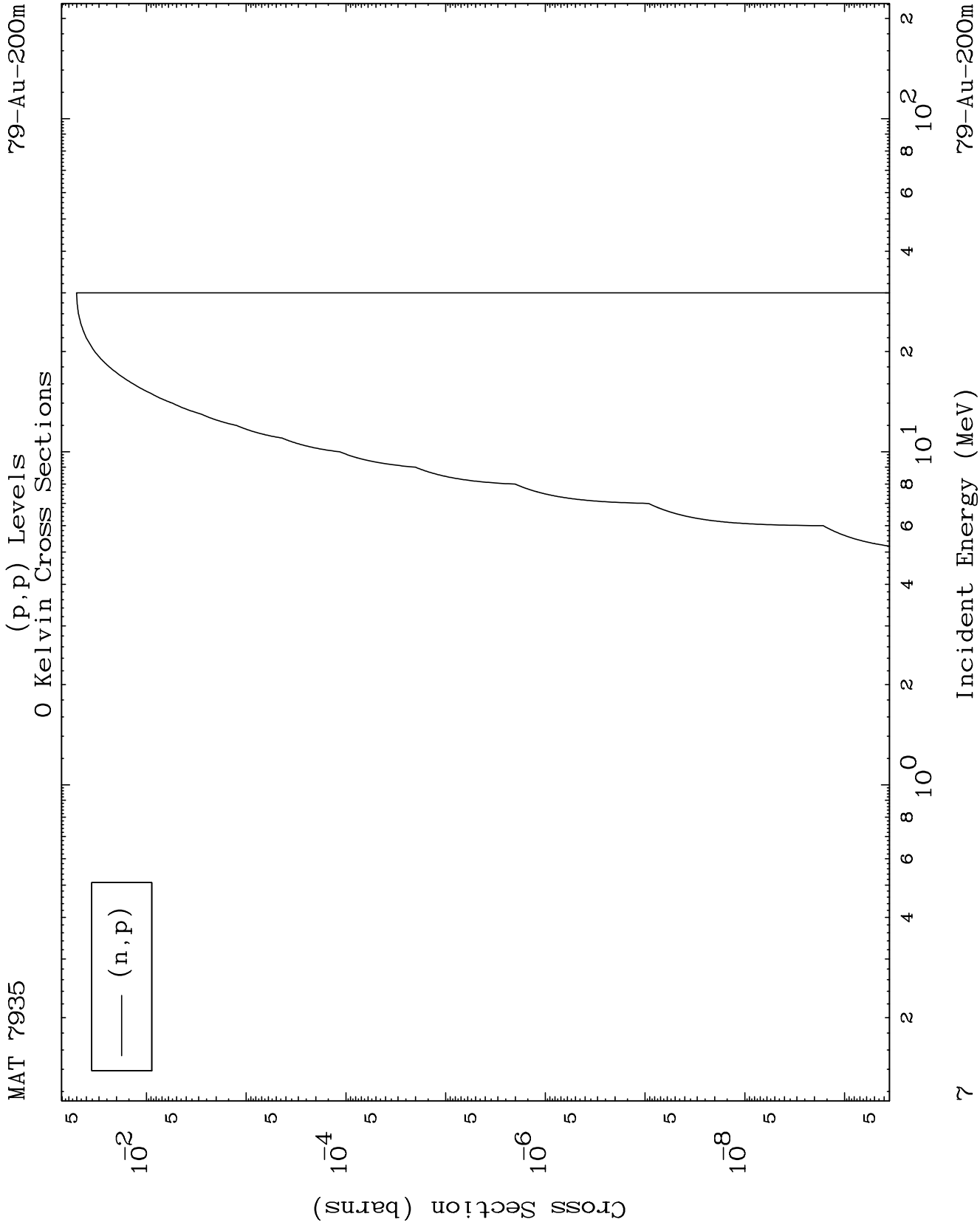
Proton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-200m





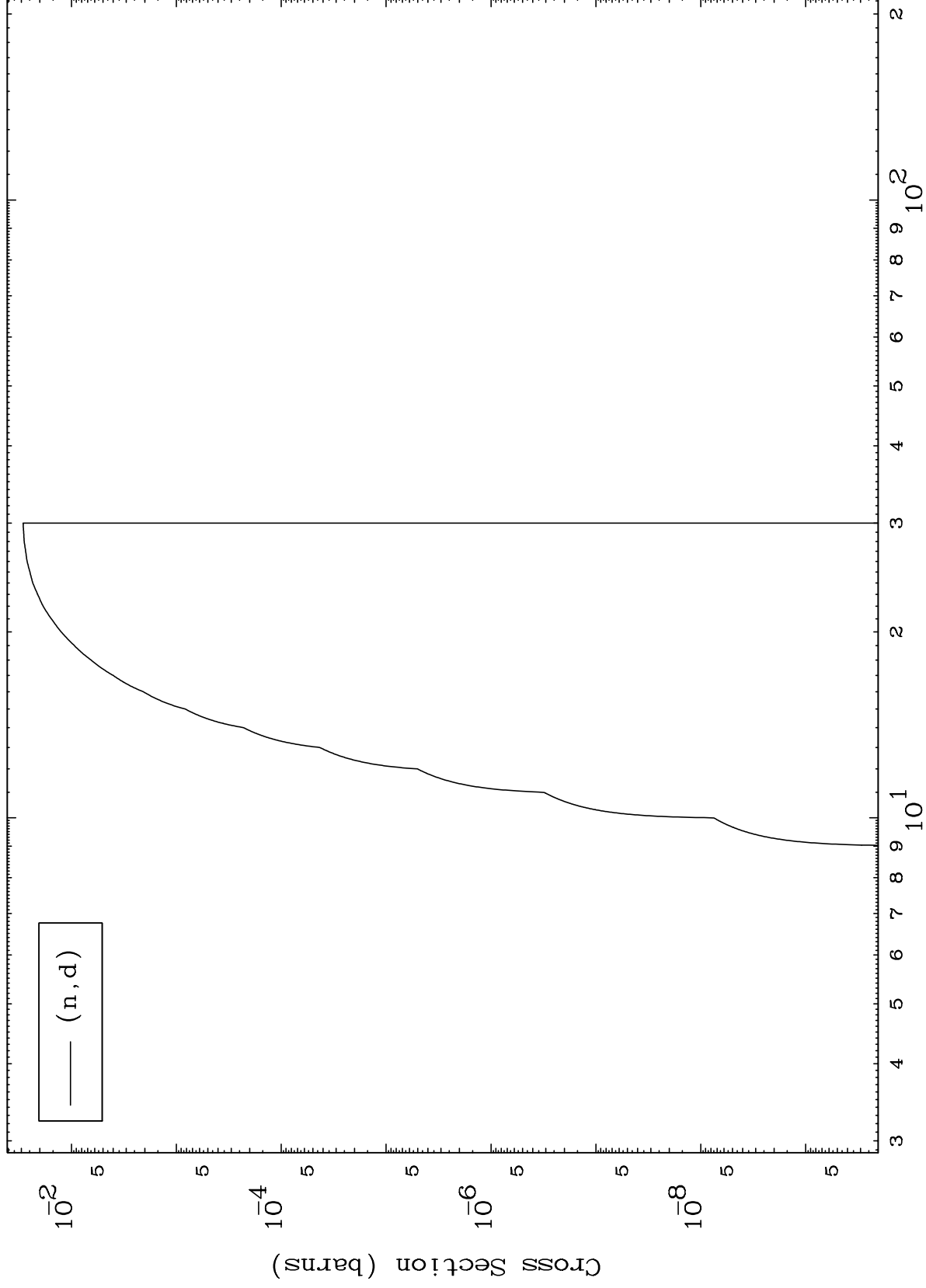




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79-Au-200m

(p,d) Levels
0 Kelvin Cross Sections



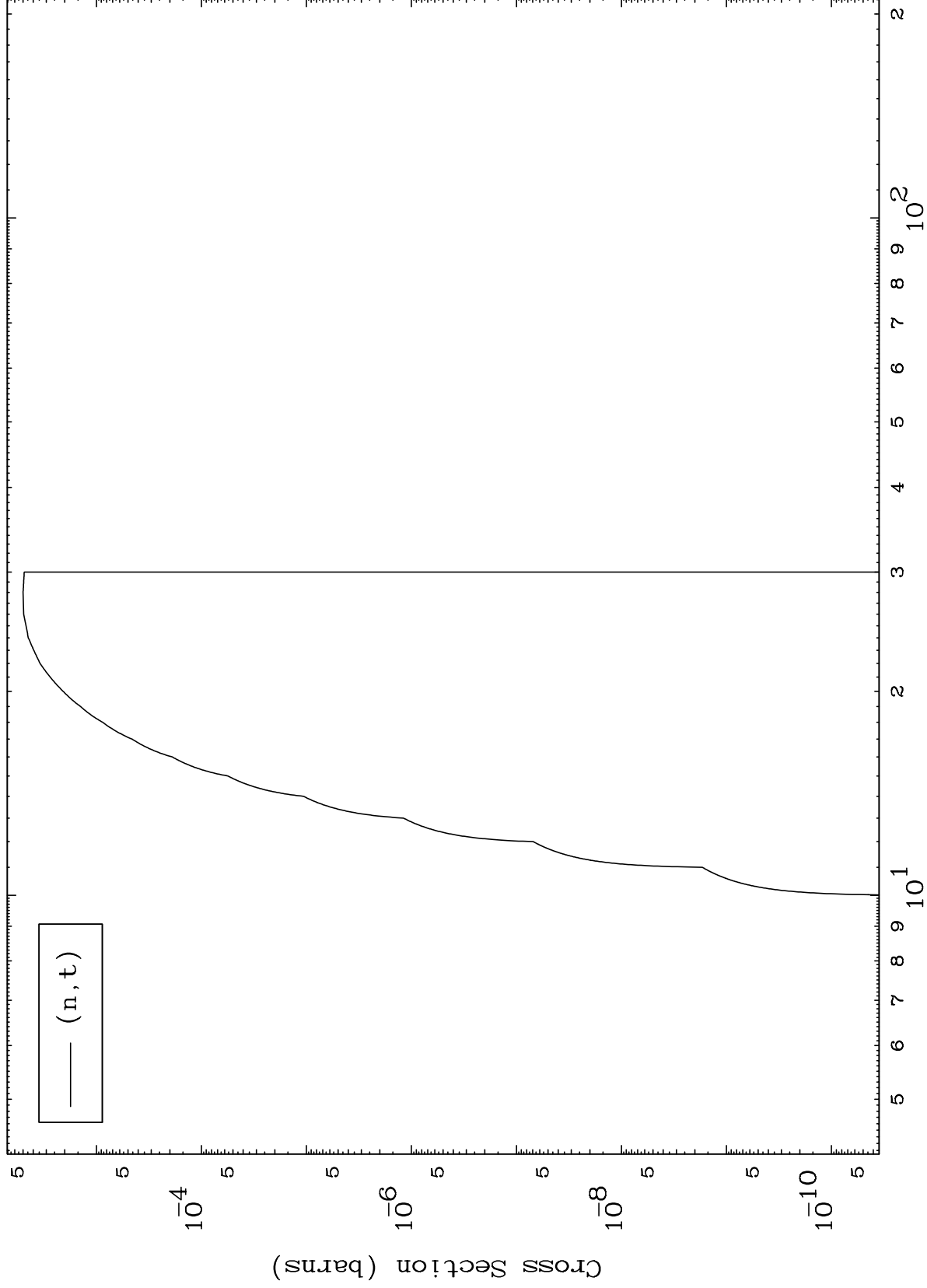
8

79-Au-200m

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⁷⁹Au-200m

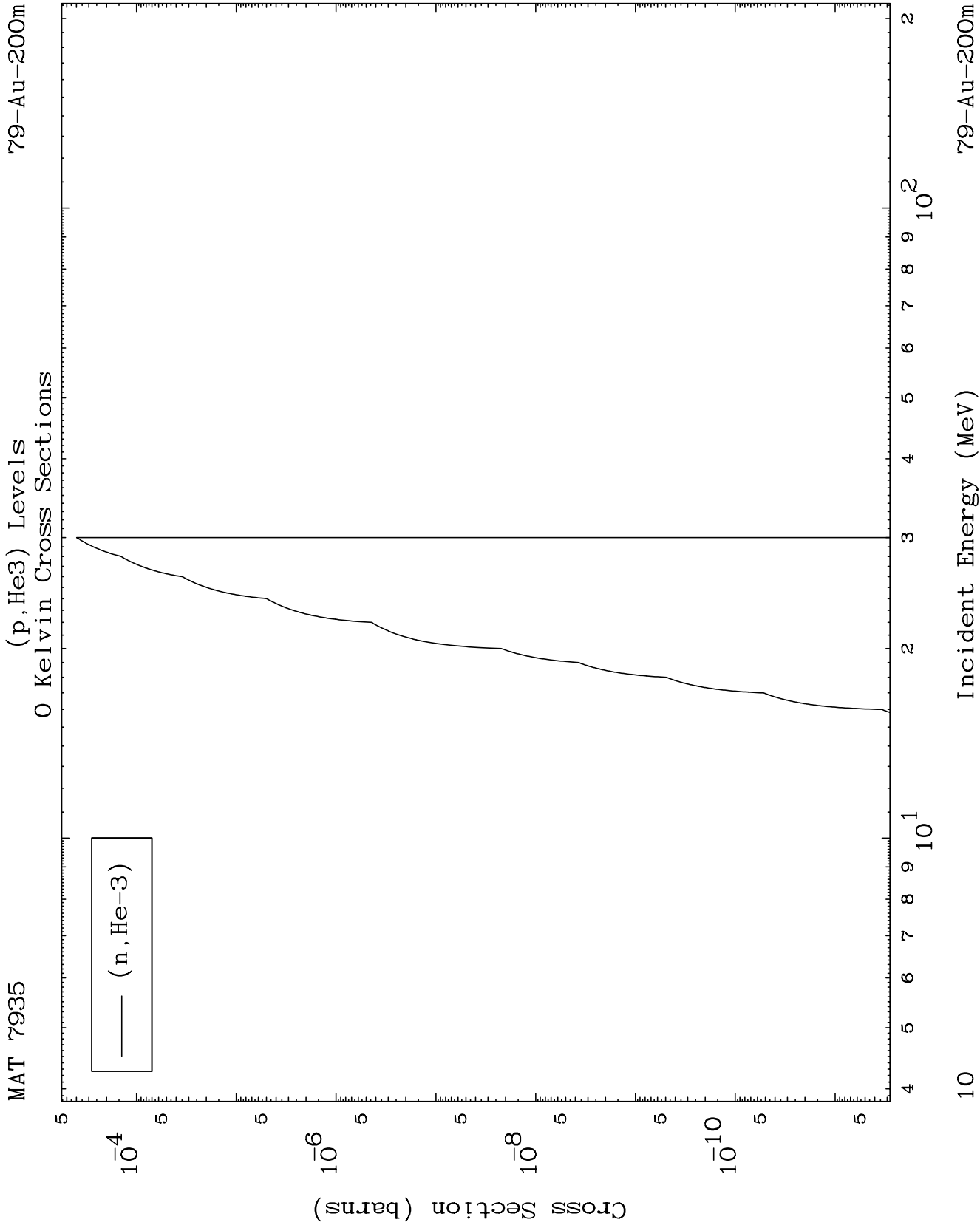
(p,t) Levels
0 Kelvin Cross Sections

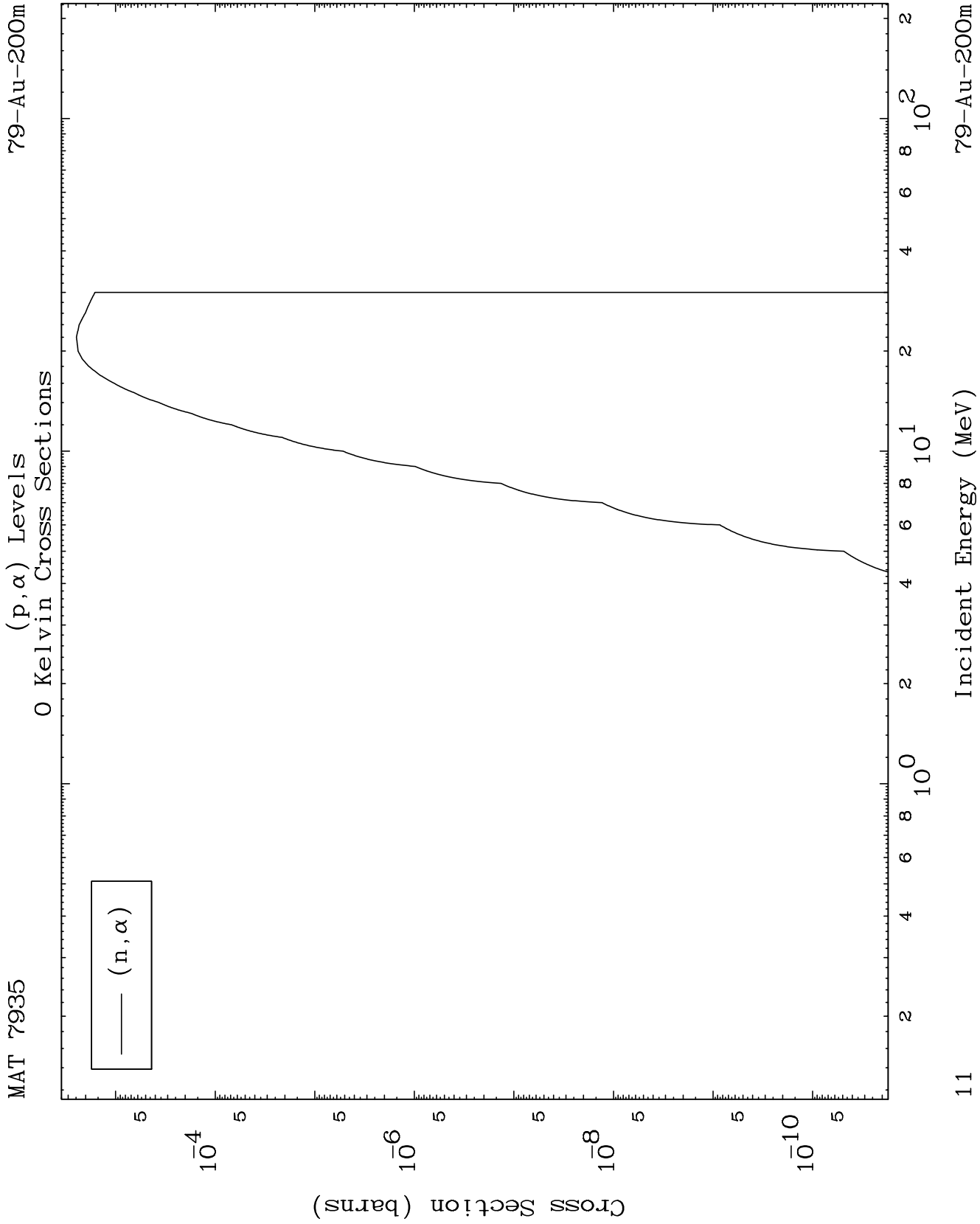


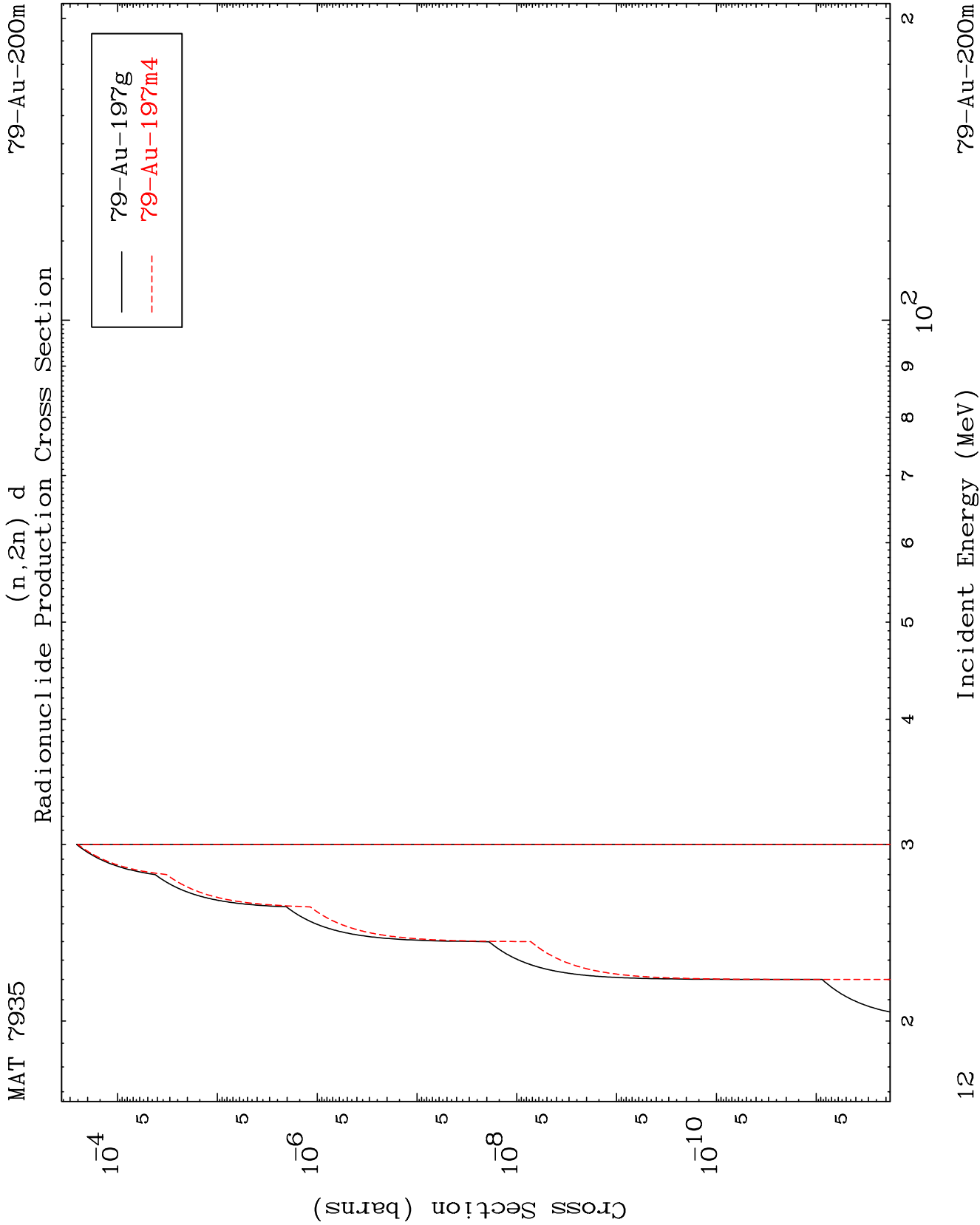
9

⁷⁹Au-200m

Incident Energy (MeV)



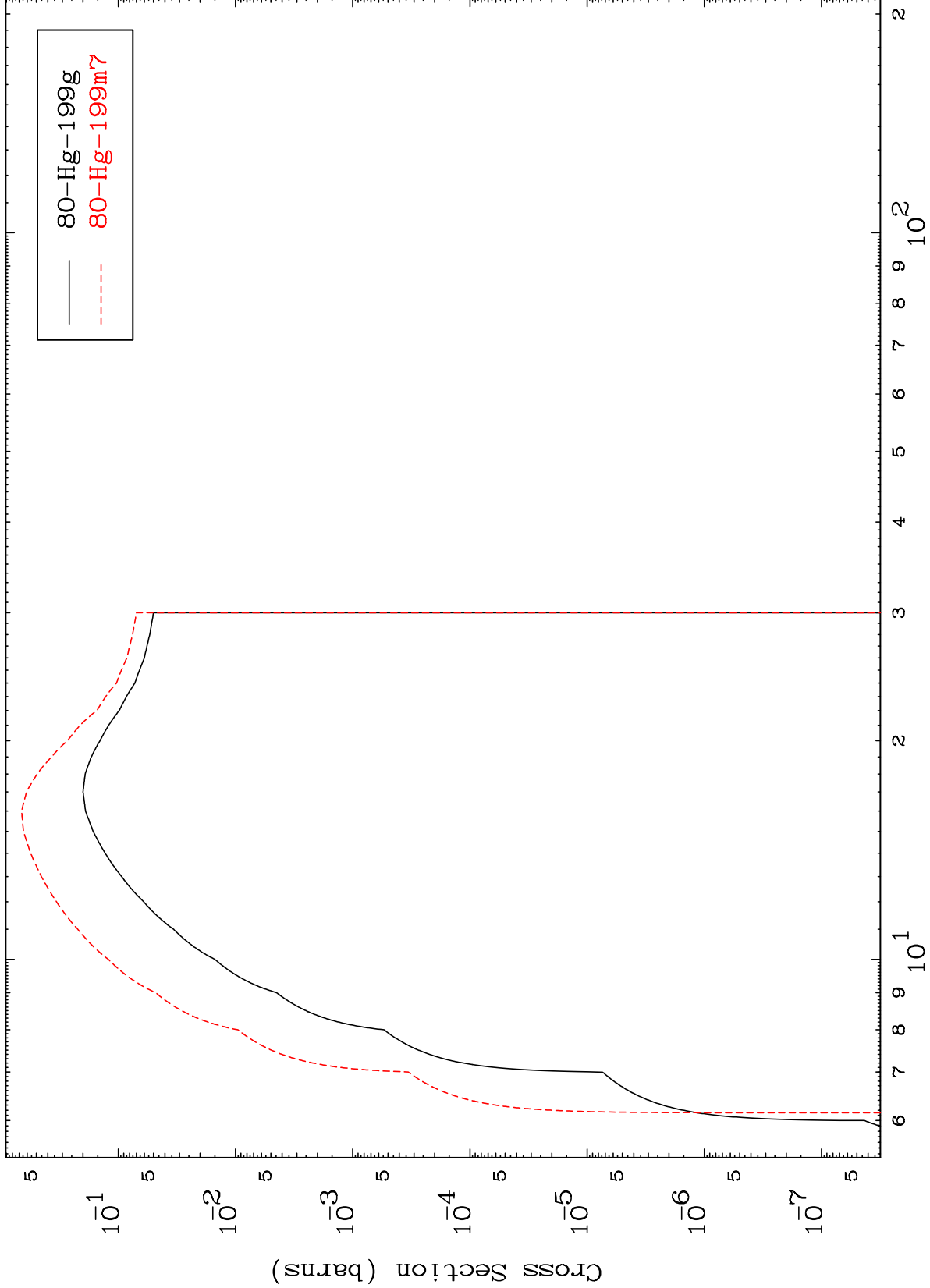




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79-Au-200m

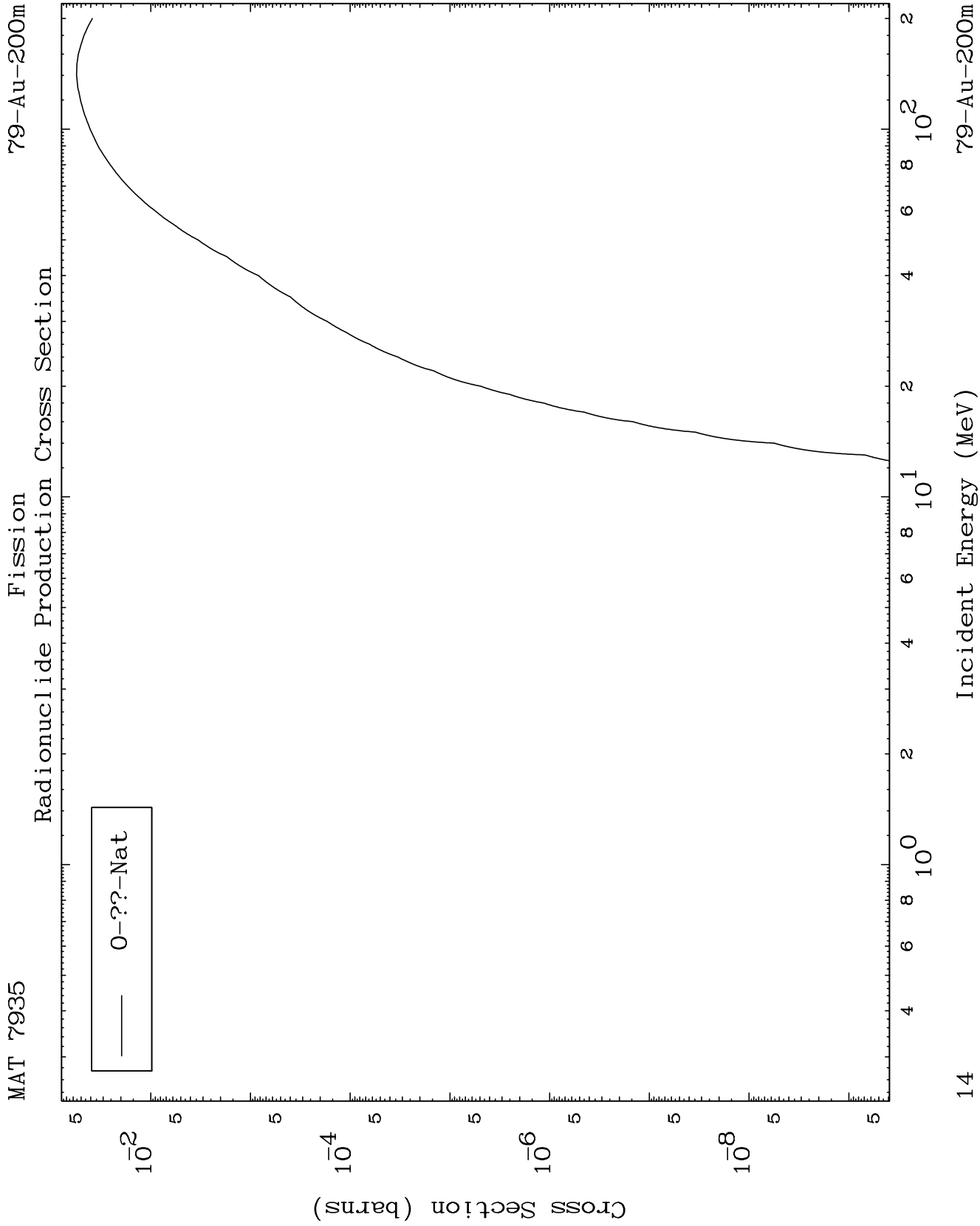
(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

79-Au-200m

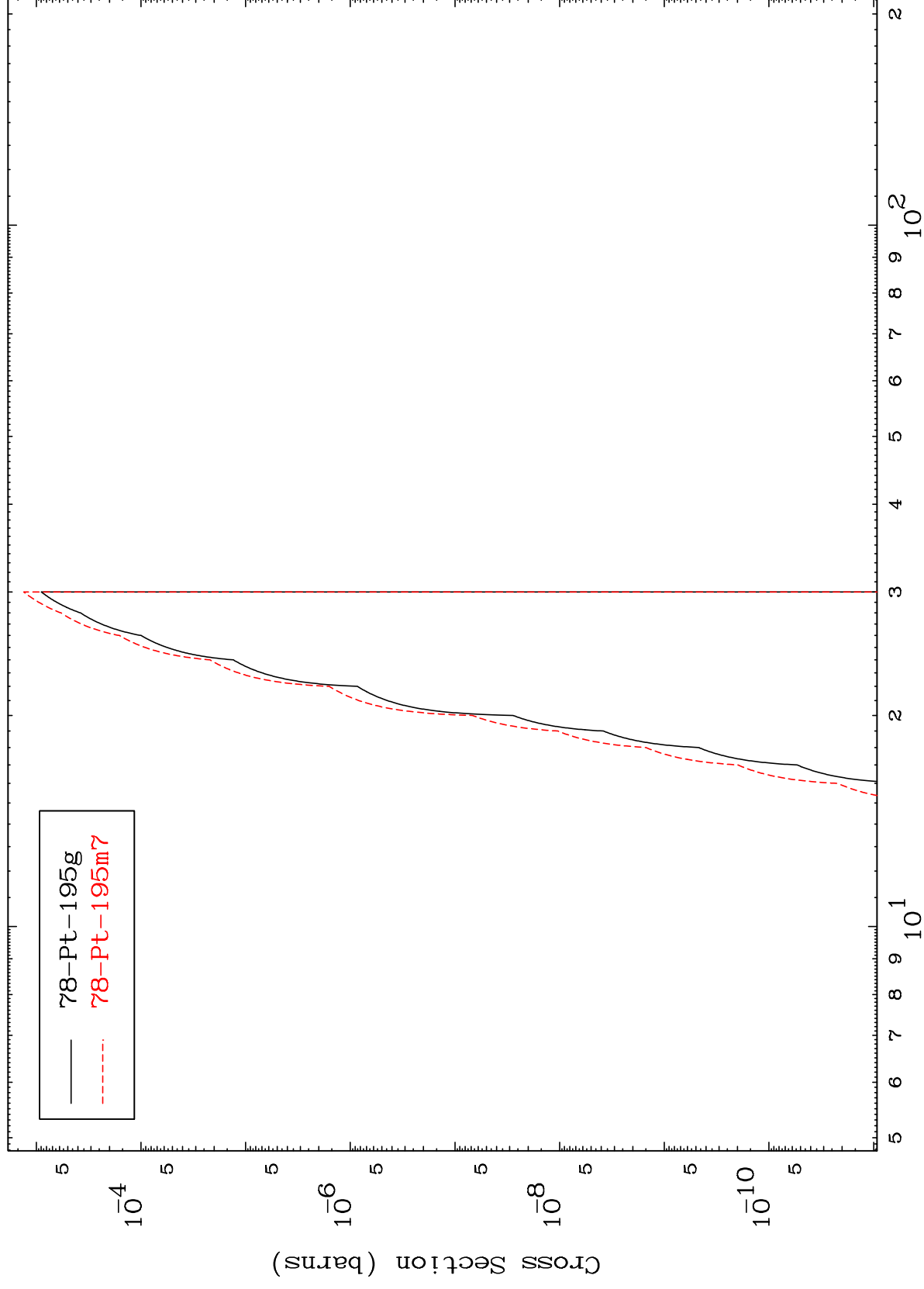


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$$(n, 2n) \propto$$

79-Au-200m

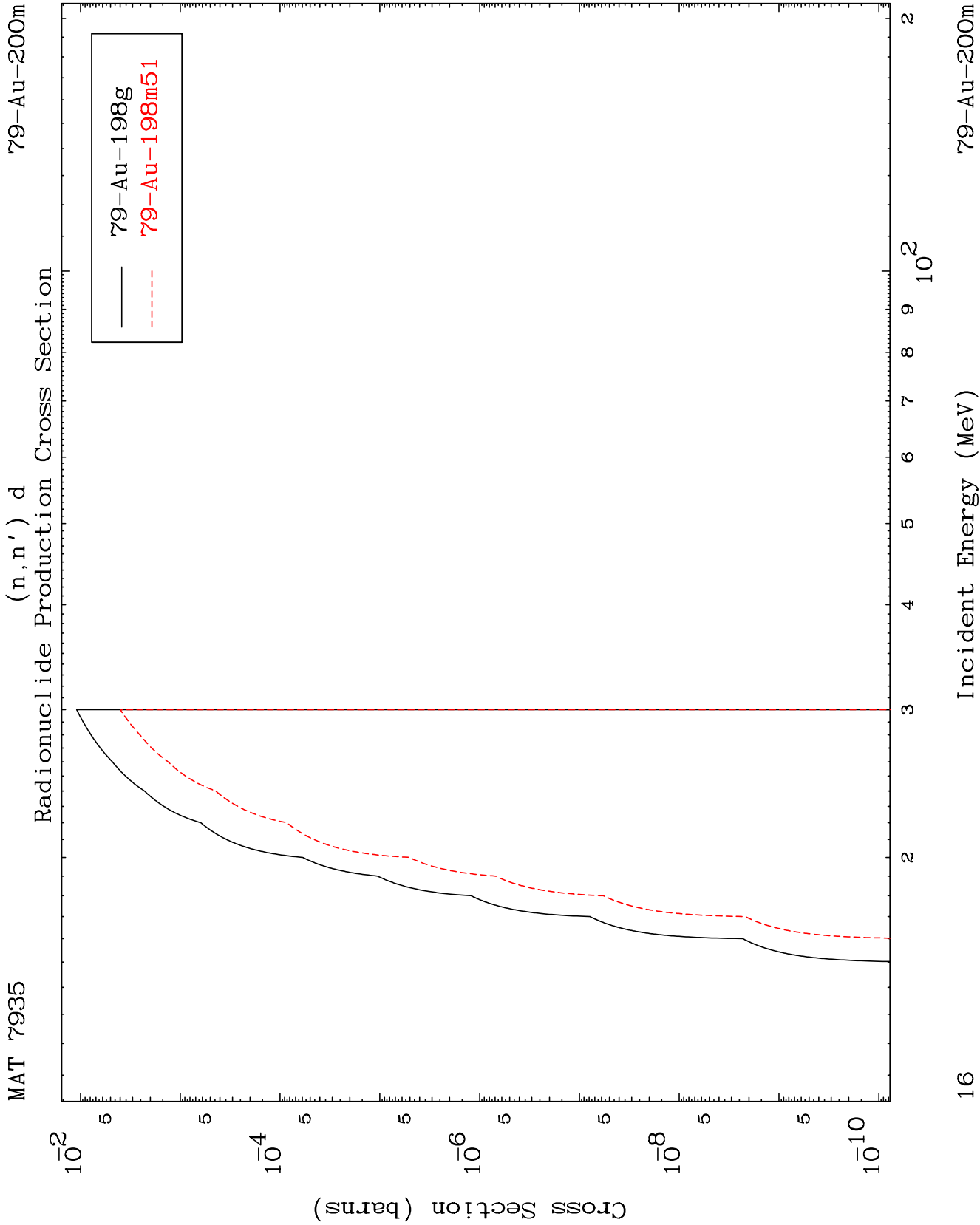
Radionuclide Production Cross Section



15

Incident Energy (MeV)

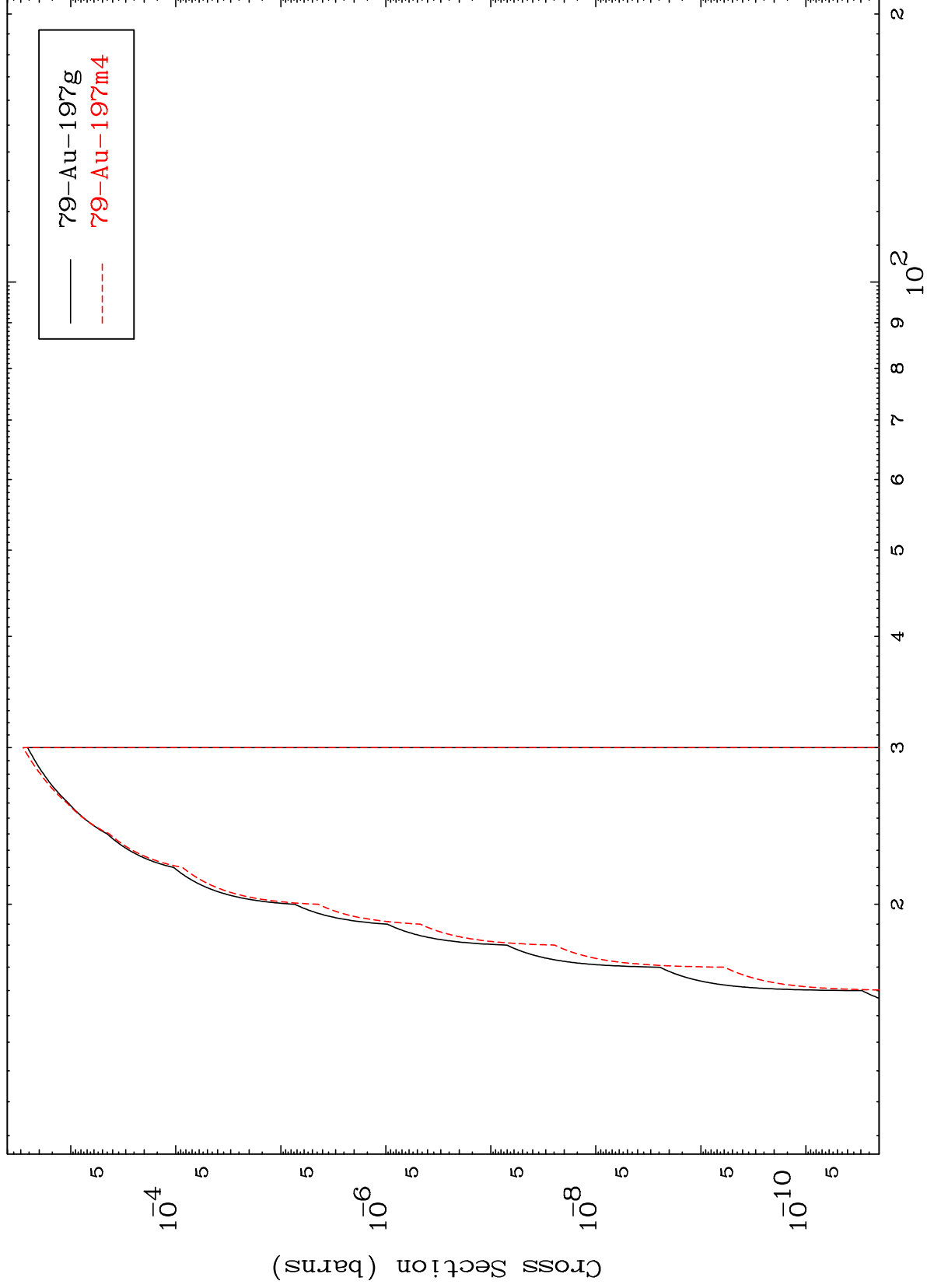
79-Au-200m



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79-Au-200m

(n,n') t
Radionuclide Production Cross Section



17

Incident Energy (MeV)

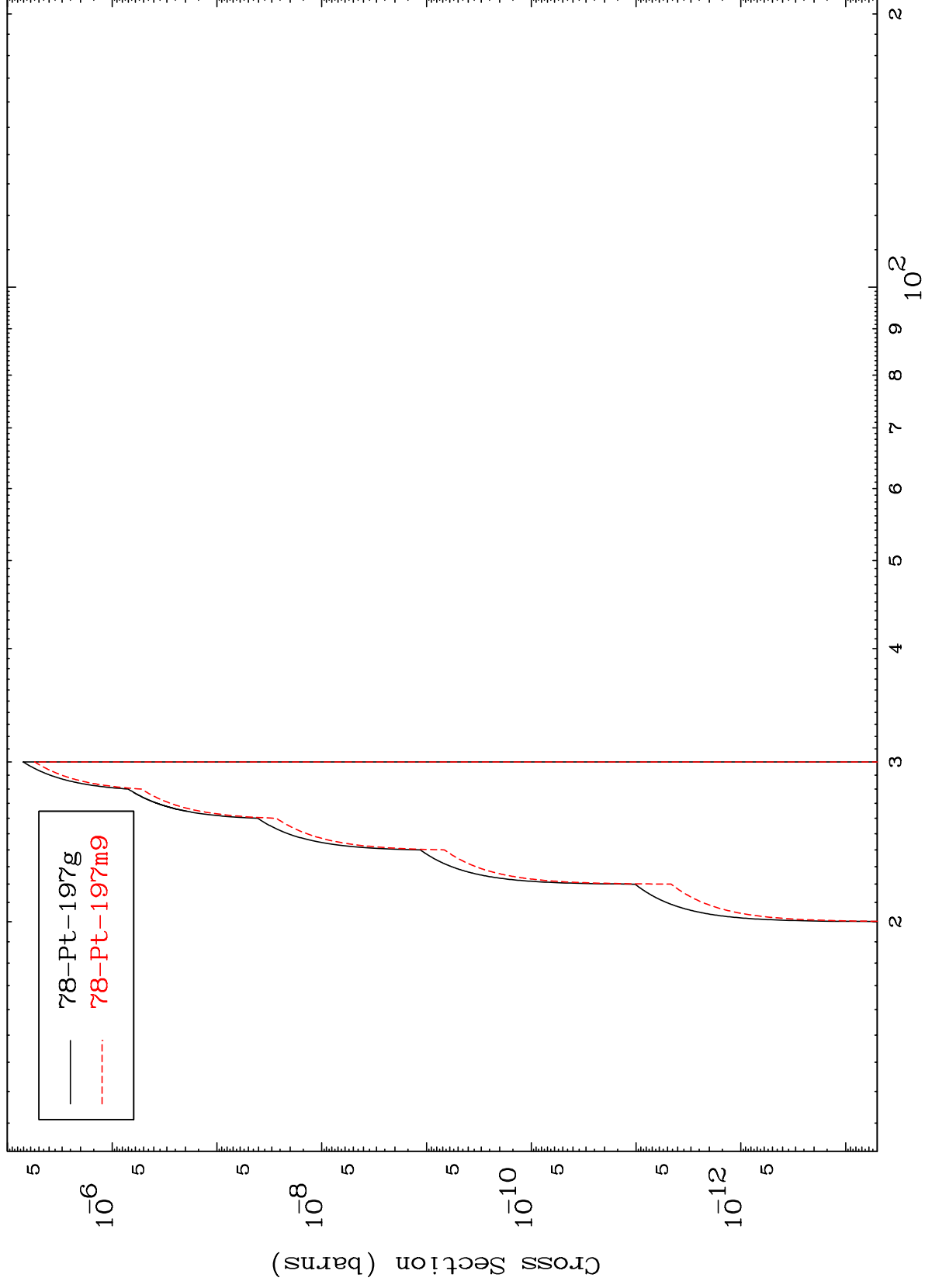
79-Au-200m

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(n,n') He-3

⁷⁹Au-200m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

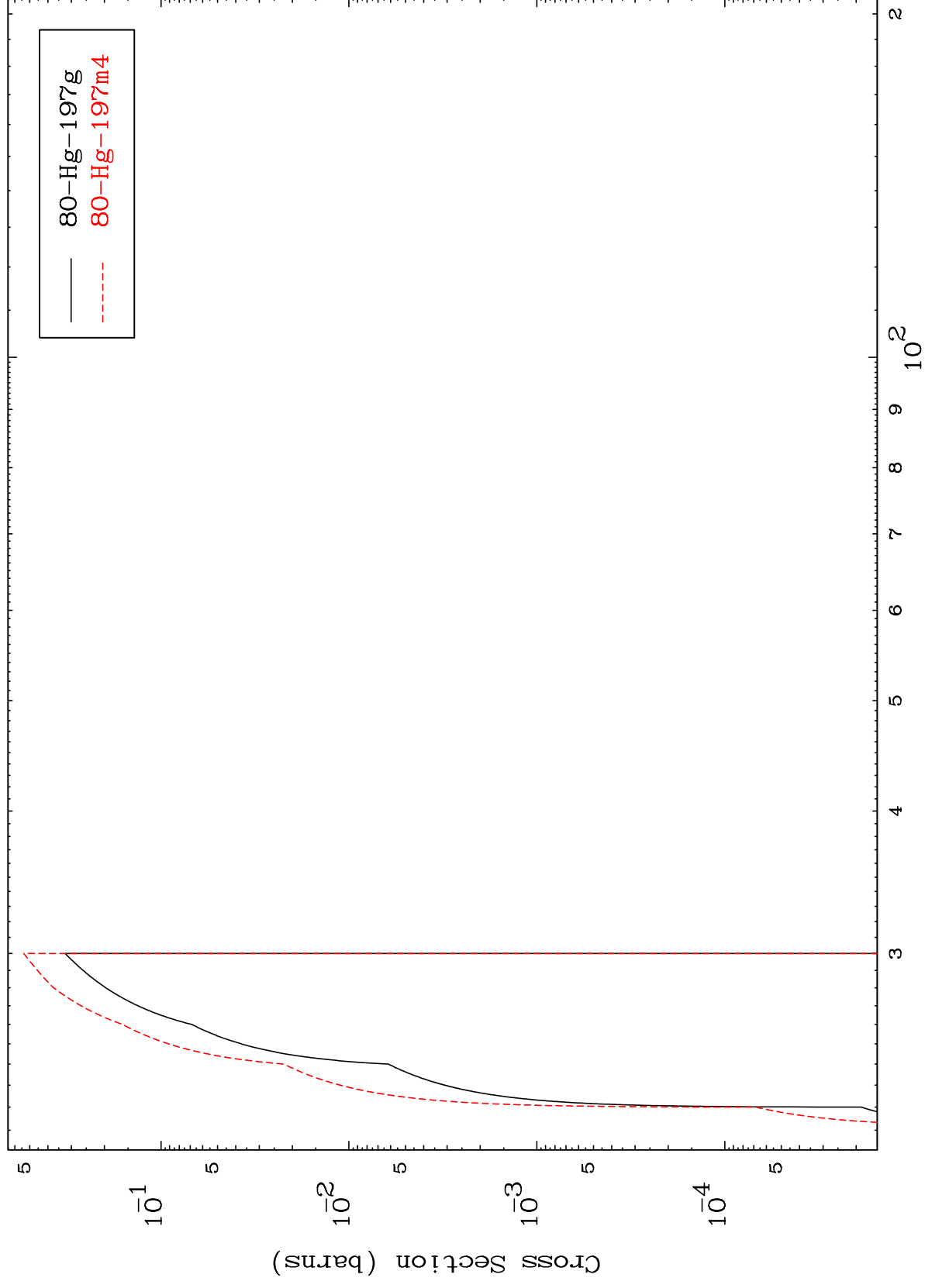
⁷⁹Au-200m

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$$(n, 4n)$$

79-Au-200m

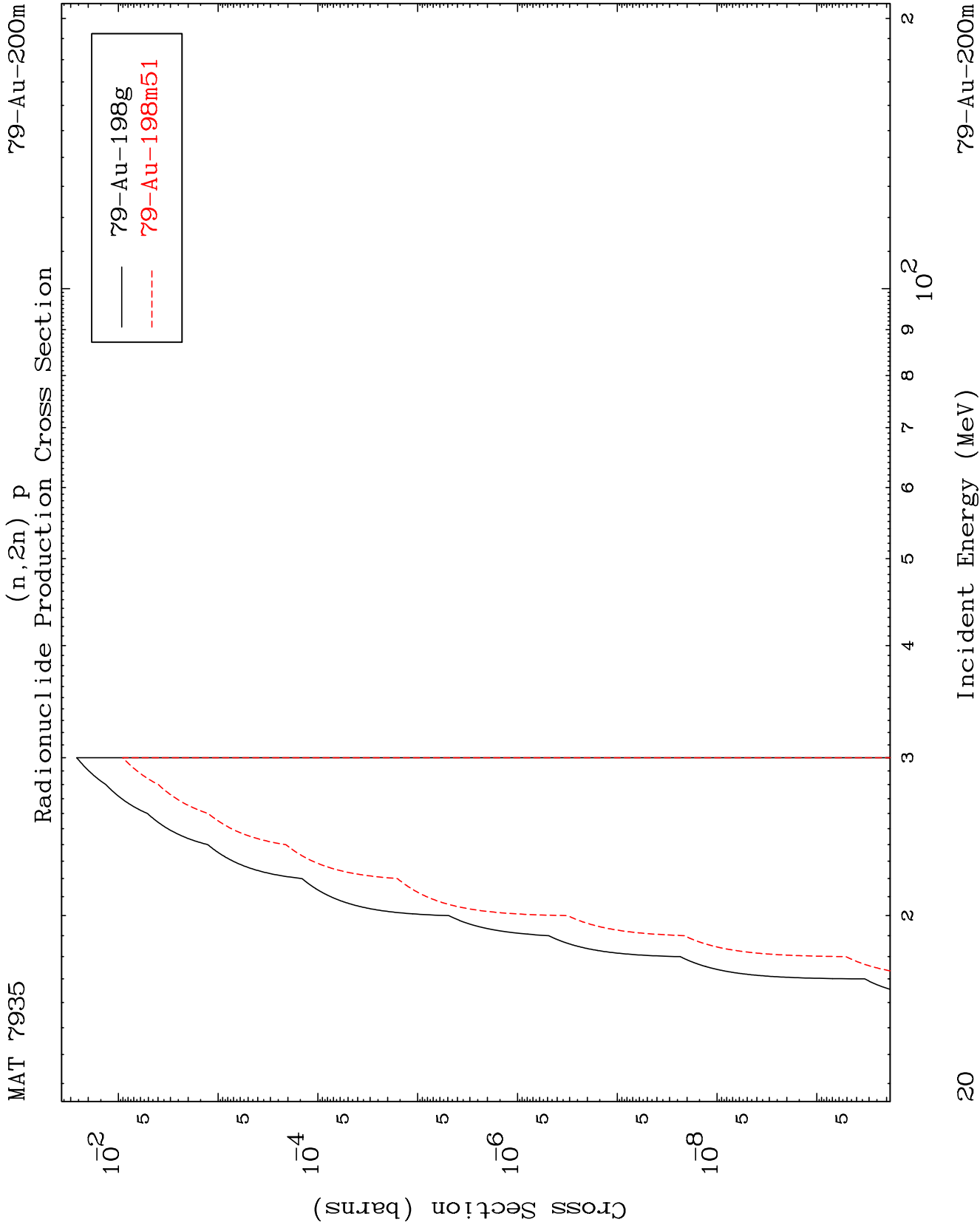
Radionuclide Production Cross Section

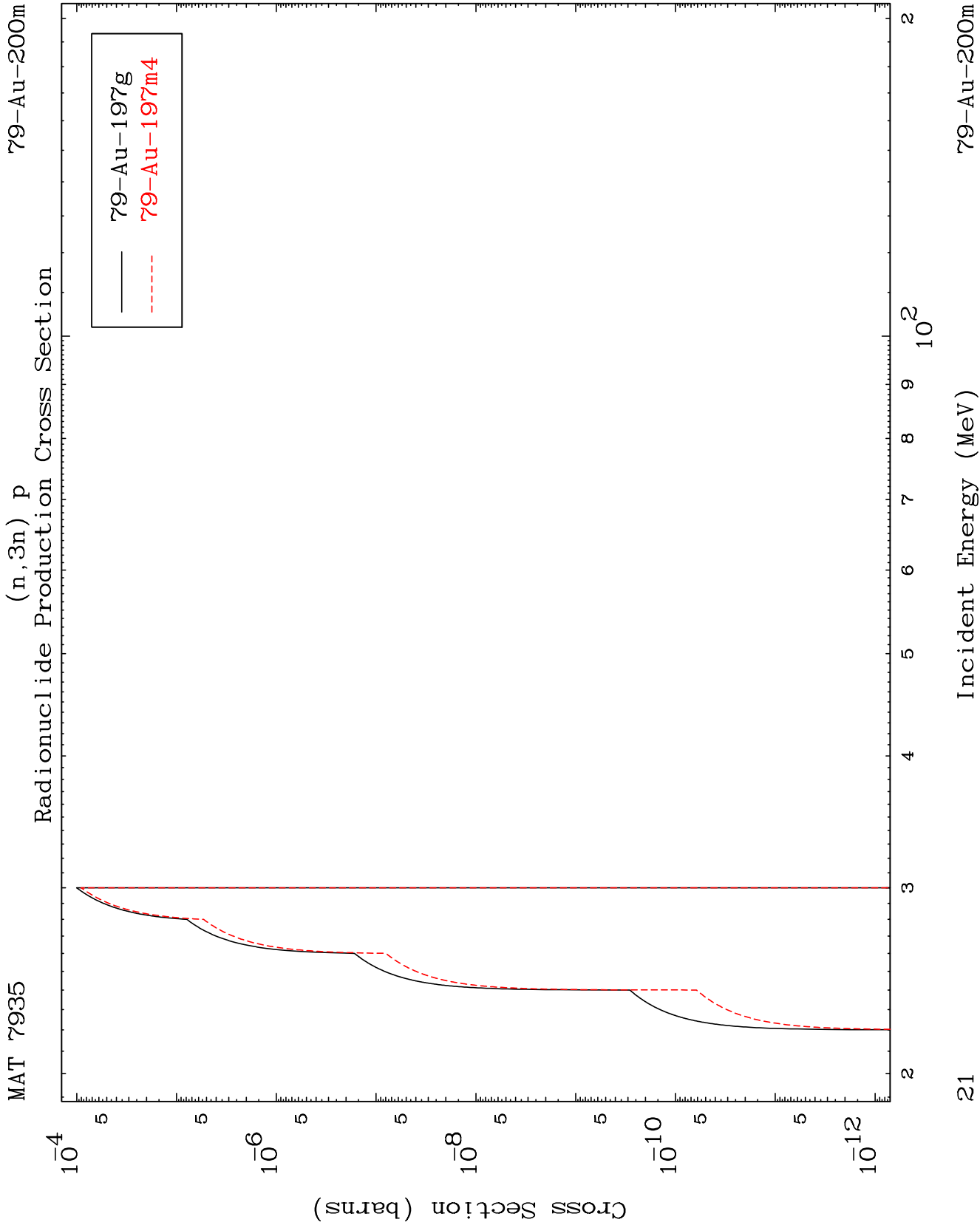


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Incident Energy (MeV)

79-Au-200m

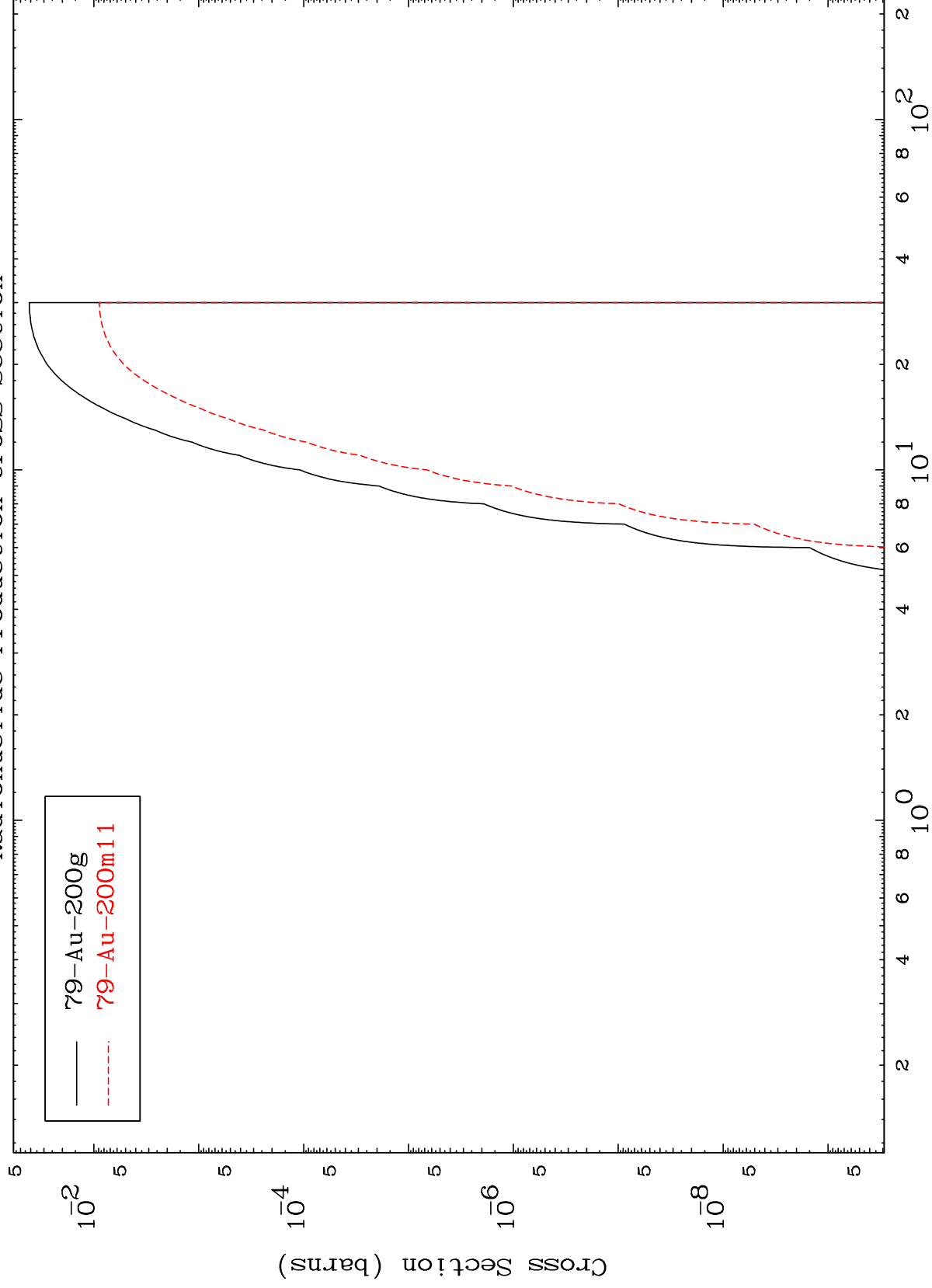




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$^{79}\text{Au-200m}$

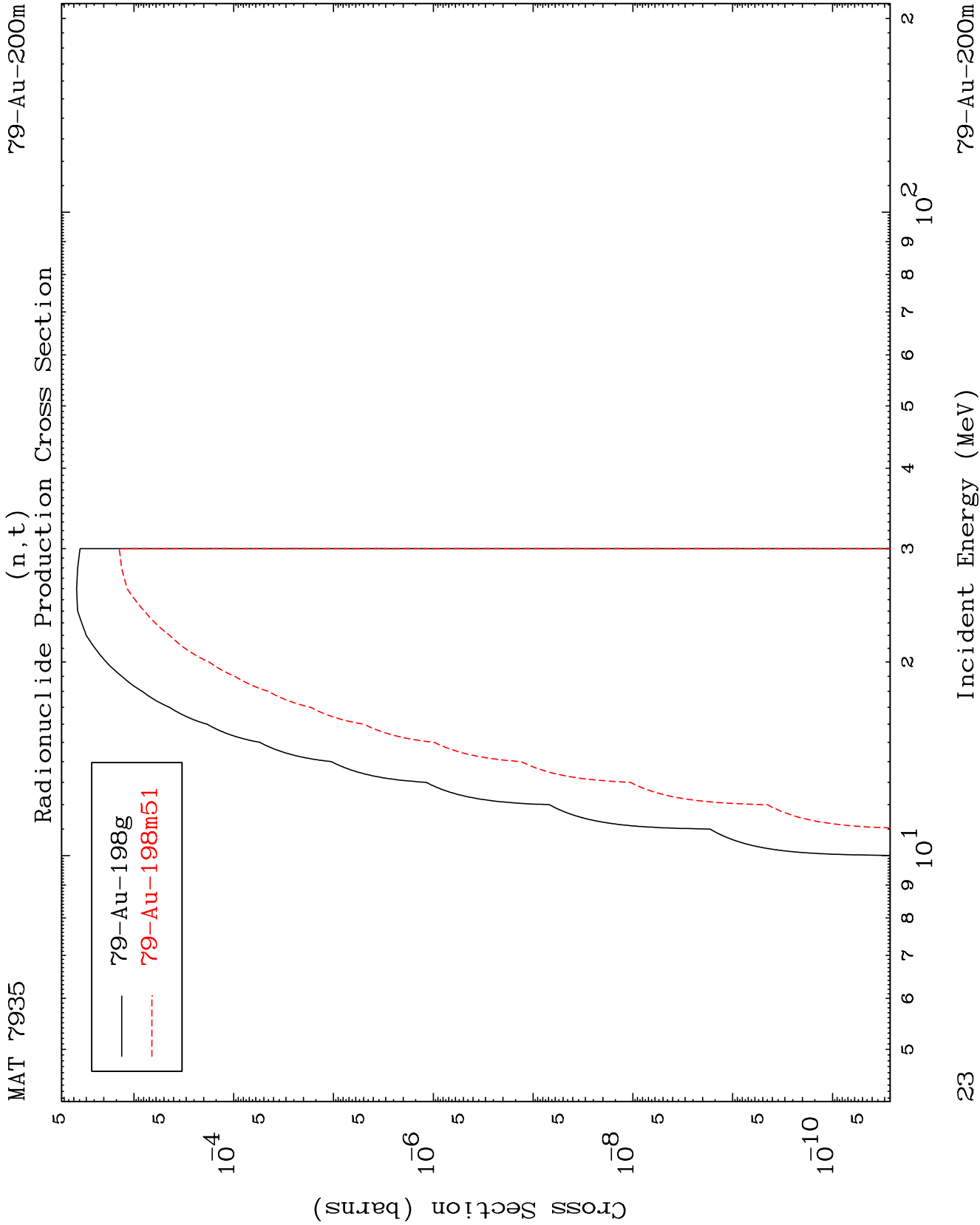
Radionuclide Production Cross Section



Incident Energy (MeV)

$^{79}\text{Au-200m}$

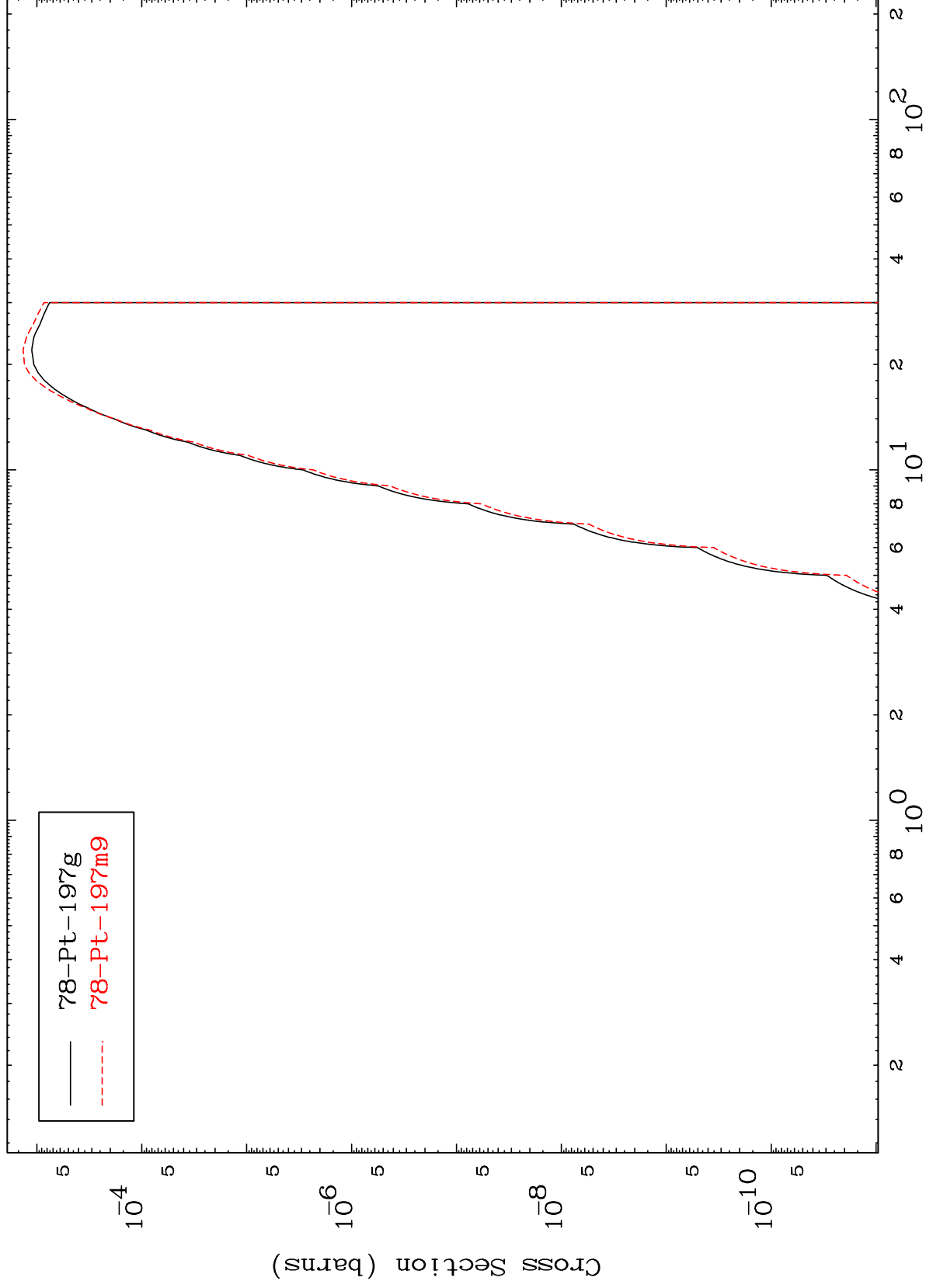
22



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79-Au-200m

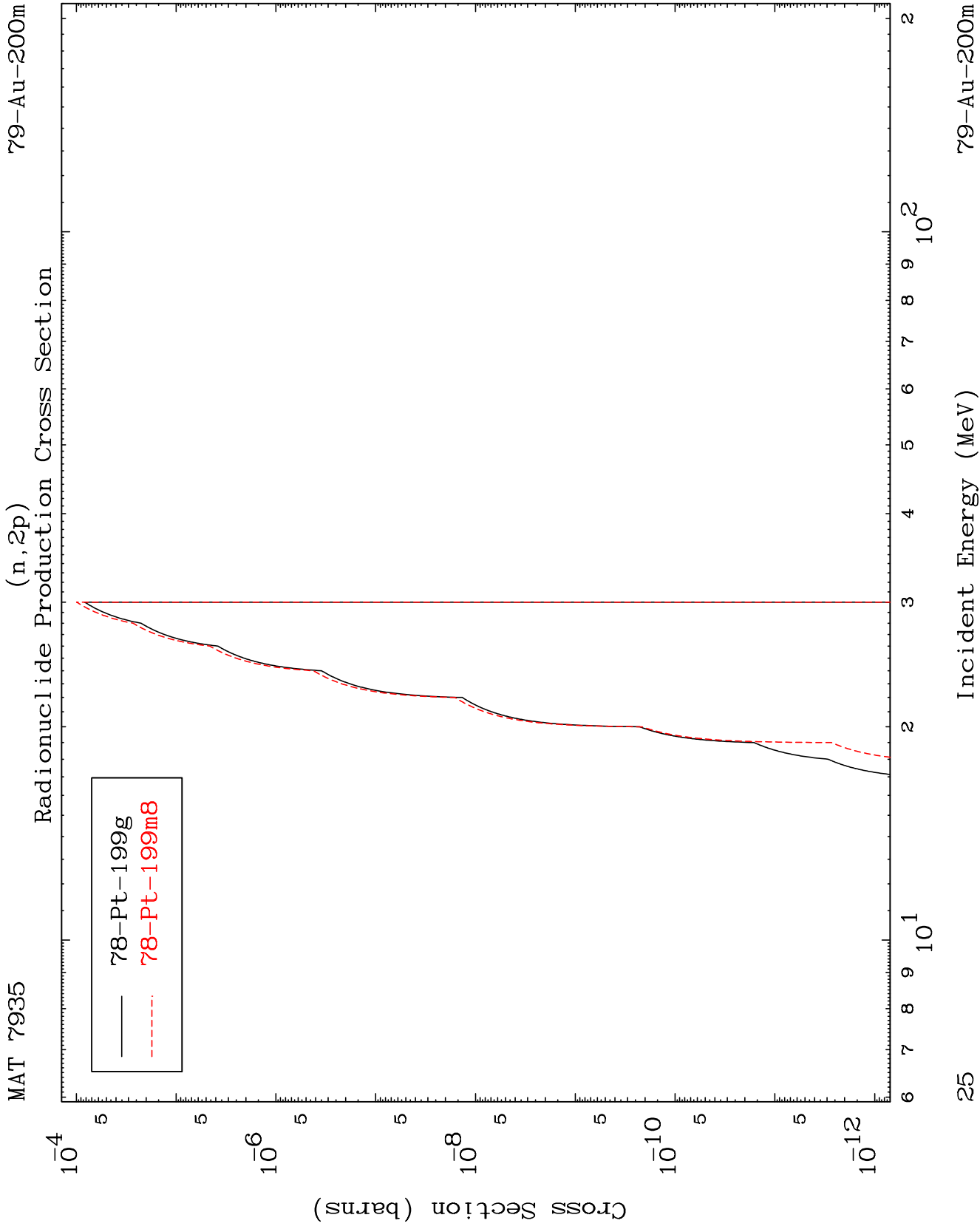
Radionuclide Production Cross Section
(n, α)



24

Incident Energy (MeV)

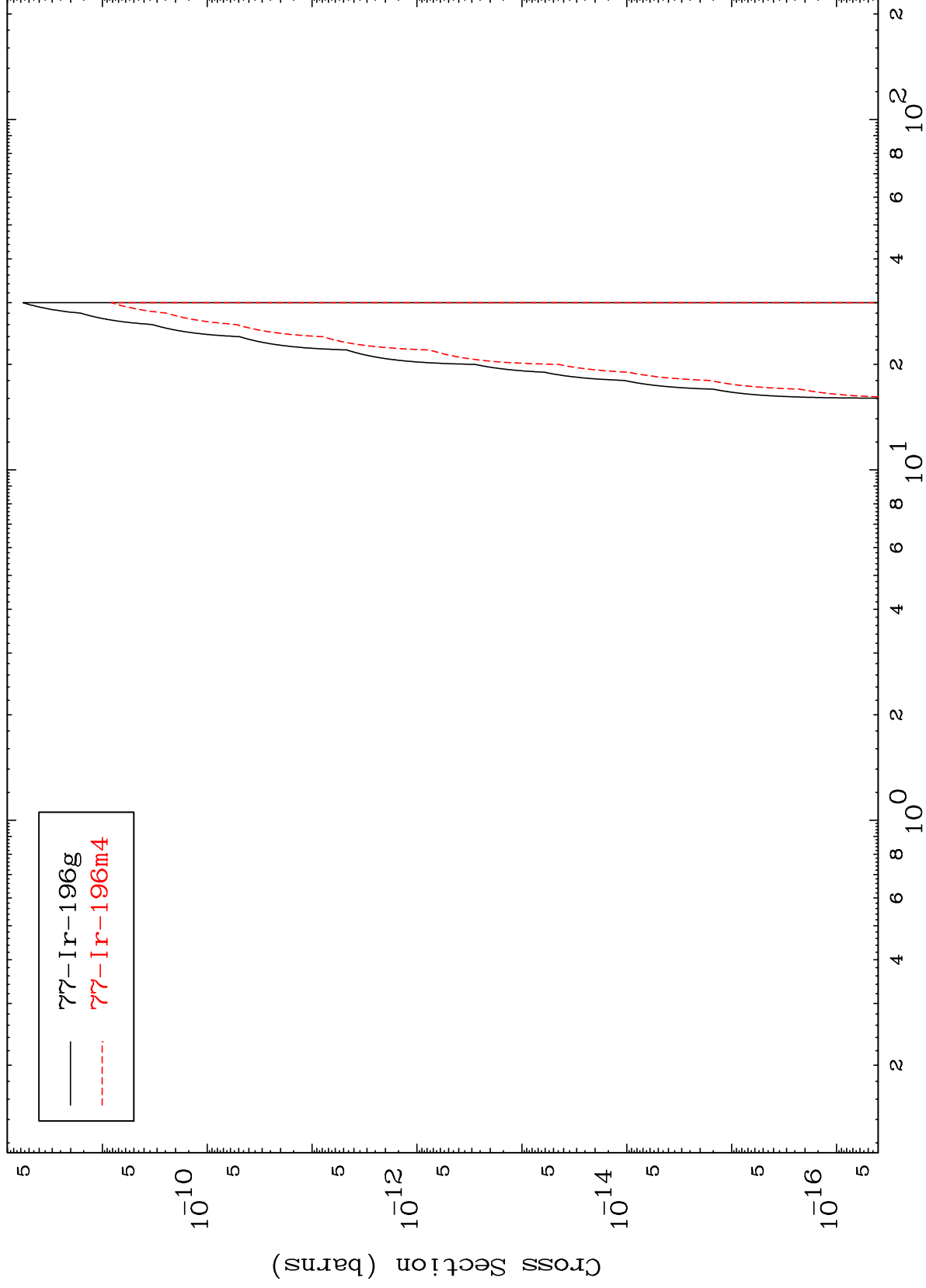
79-Au-200m



MAT 7935

$^{79}\text{Au-200m}$

Radionuclide Production Cross Section
(n,p) α



26

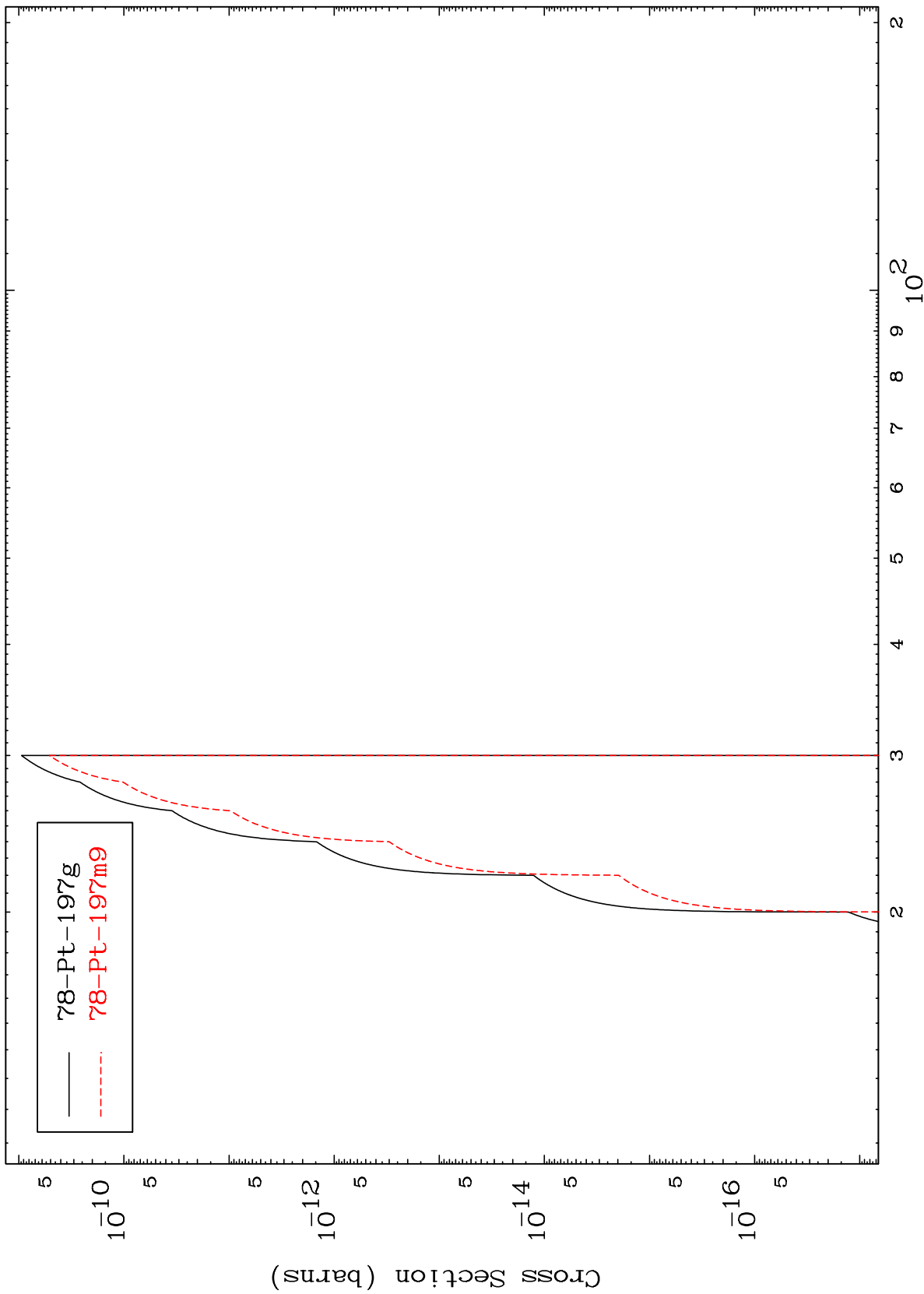
Incident Energy (MeV)

$^{79}\text{Au-200m}$

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$^{79}\text{Au-200m}$

(n,p) t
Radionuclide Production Cross Section



27

Incident Energy (MeV)

$^{79}\text{Au-200m}$