

Program EVALPLOT
(Version 2021-1)

by

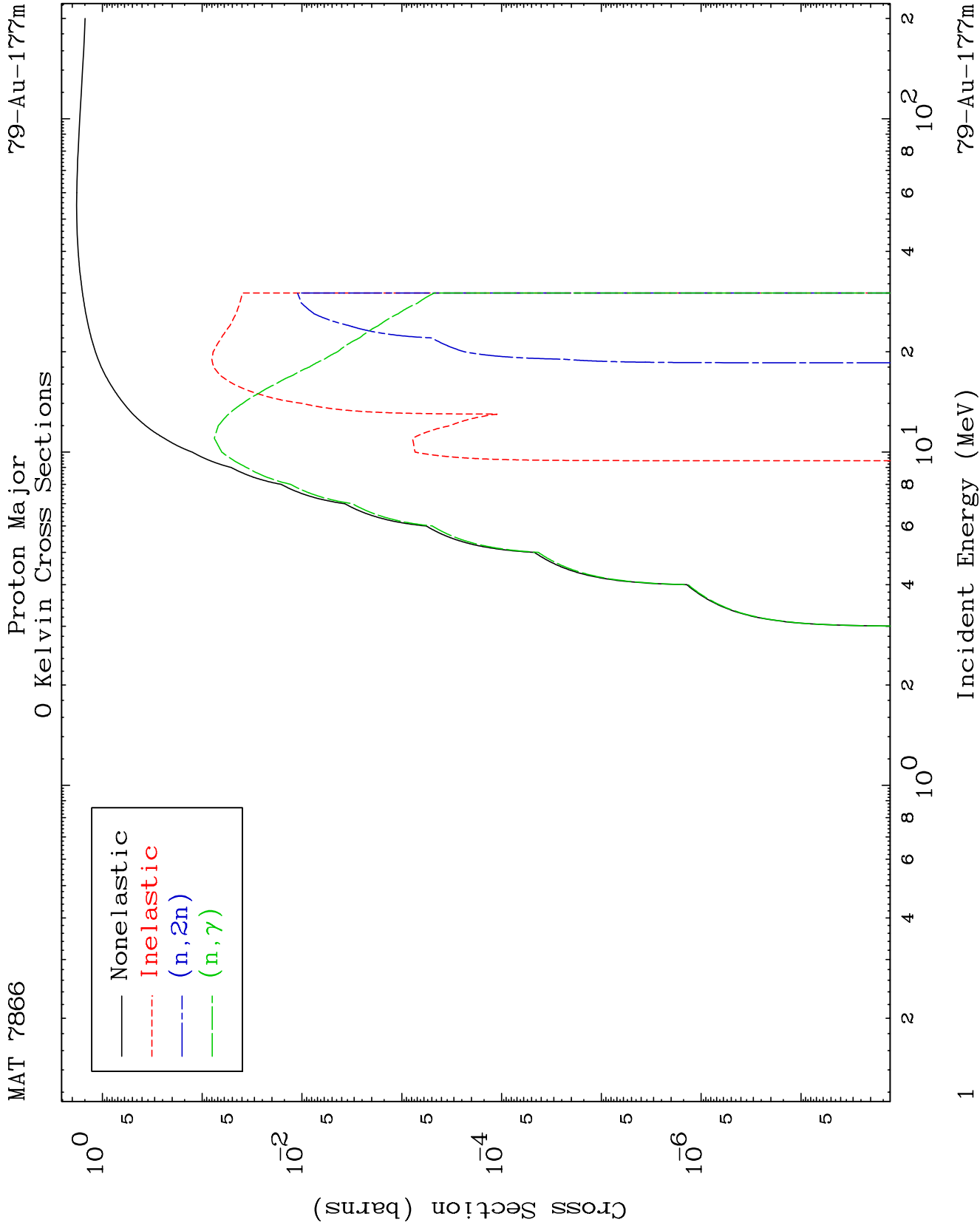
Dermott E. Cullen
(Present Contact Information)

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

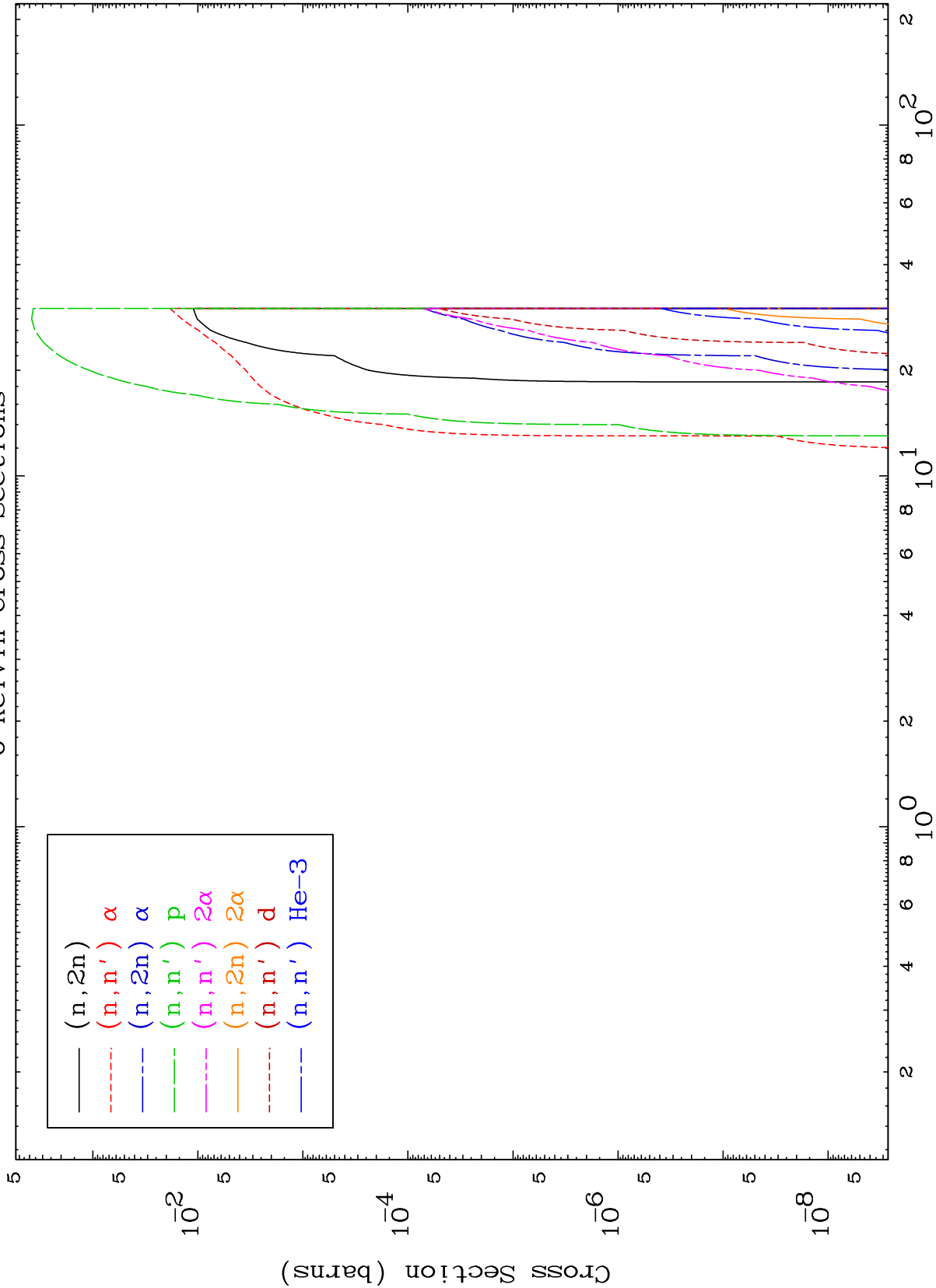
Press Mouse Button to Start

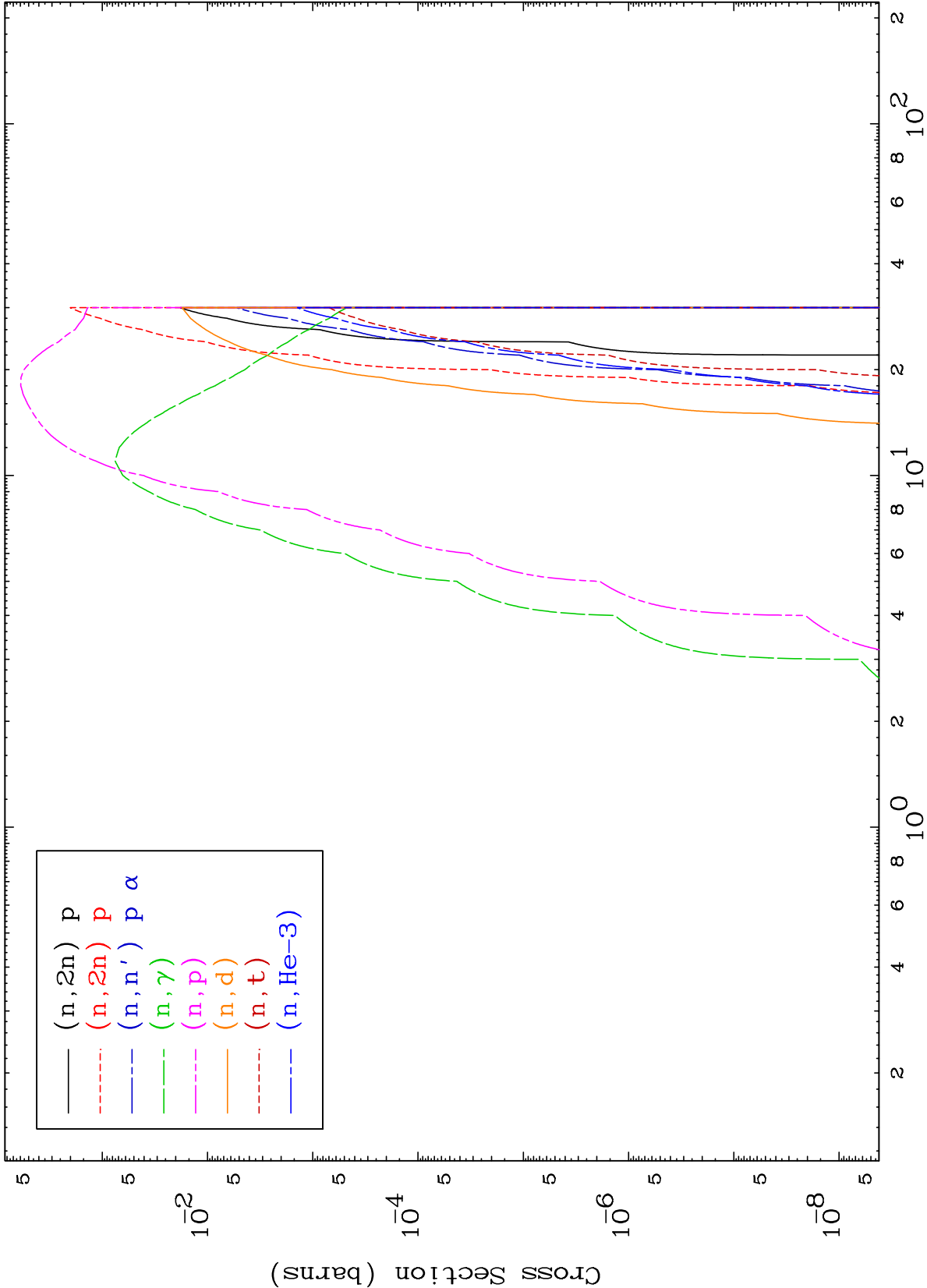


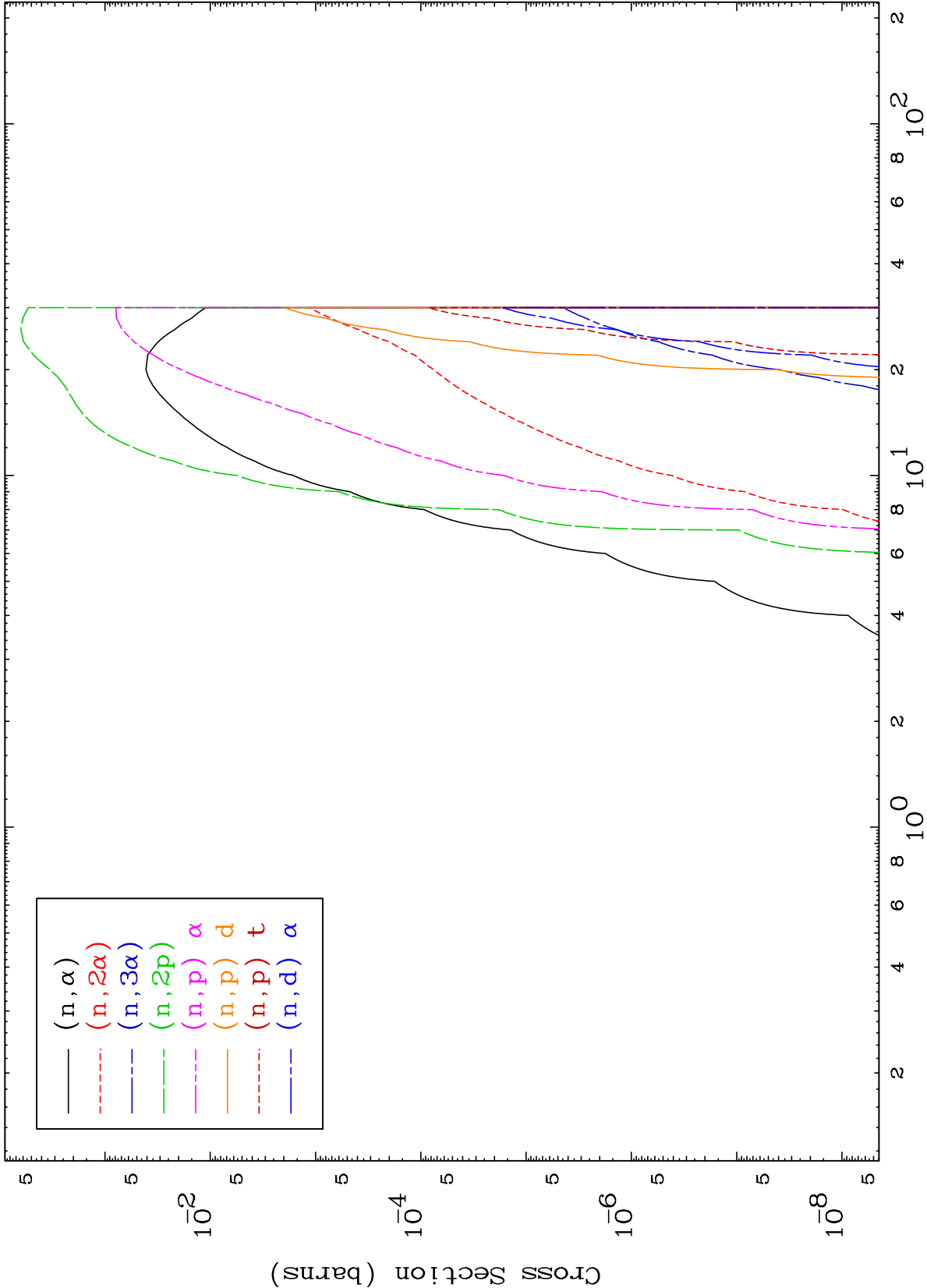
MAT 7866

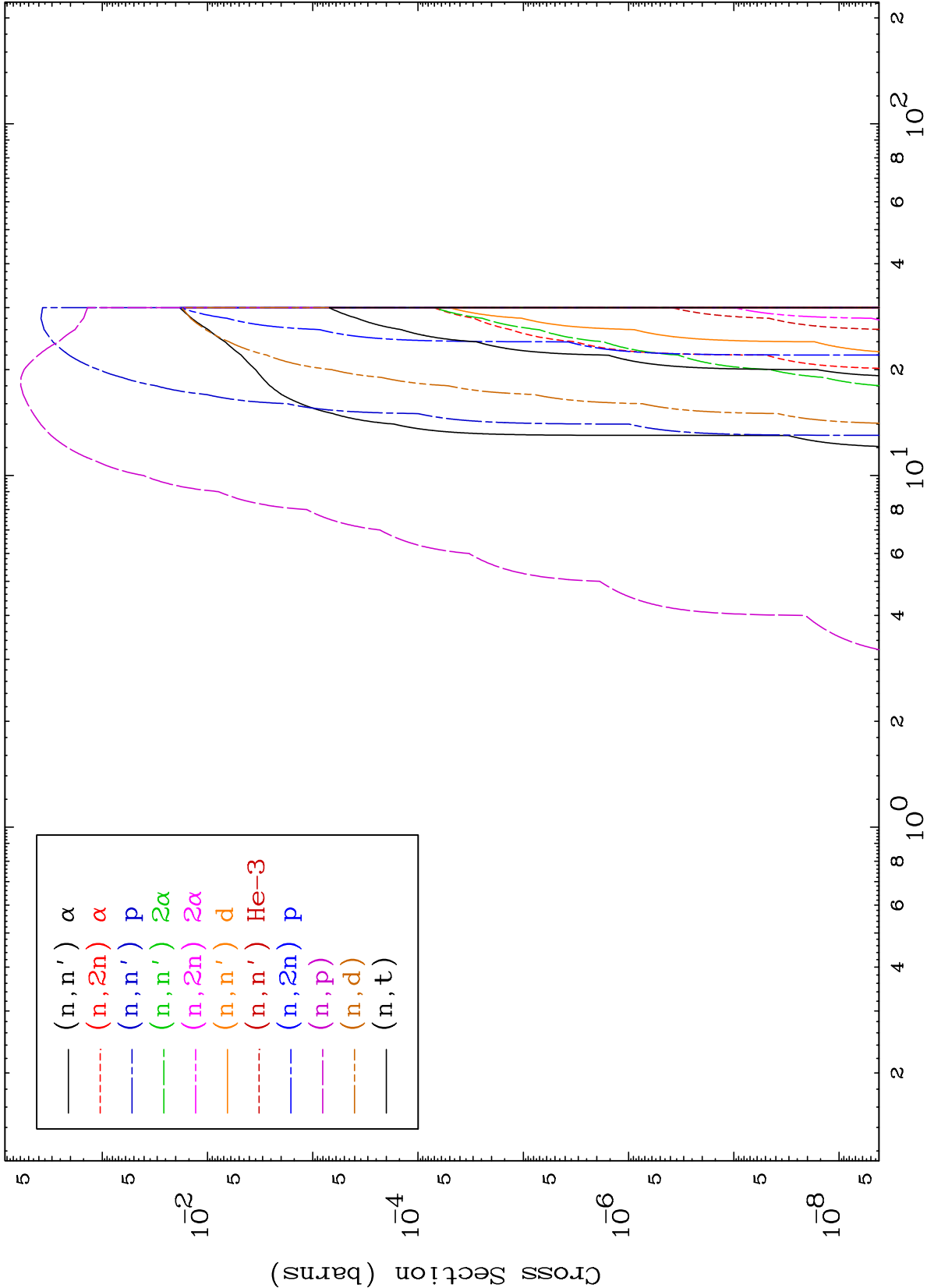
Proton Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-177m





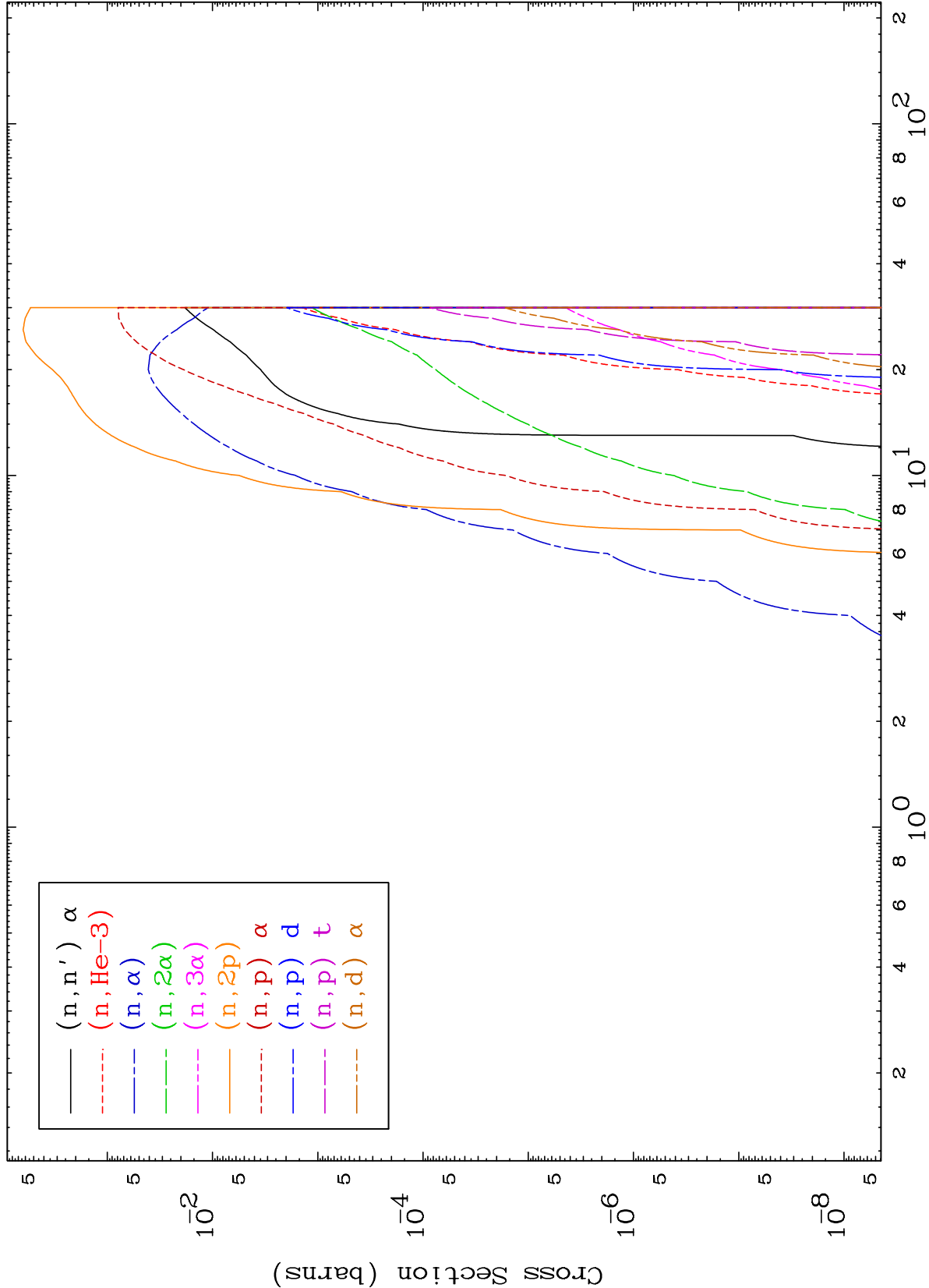




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Proton Charged Particle
0 Kelvin Cross Sections

⁷⁹Au-177m

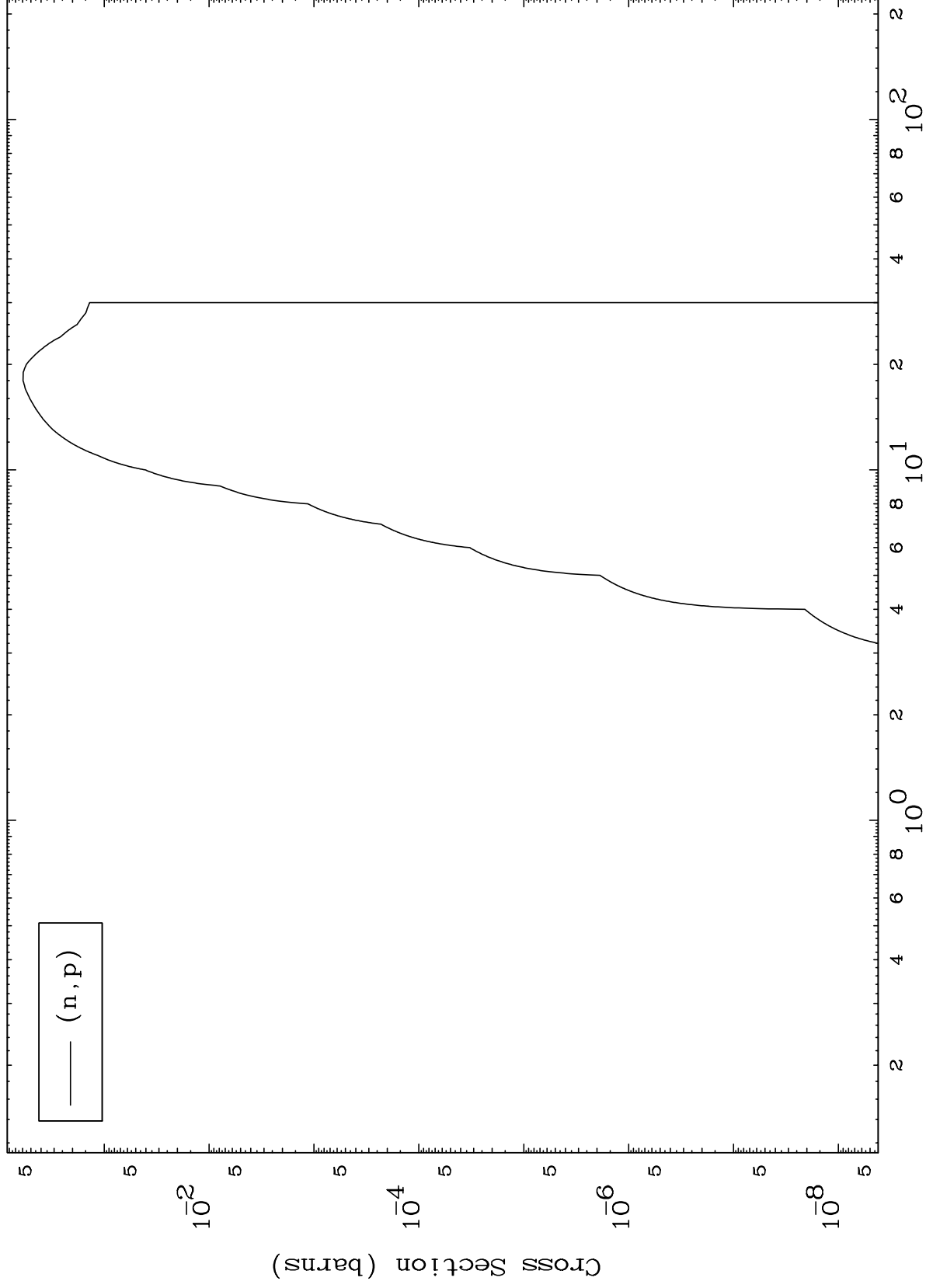


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(p,p) Levels

⁷⁹Au-177m

0 Kelvin Cross Sections



7

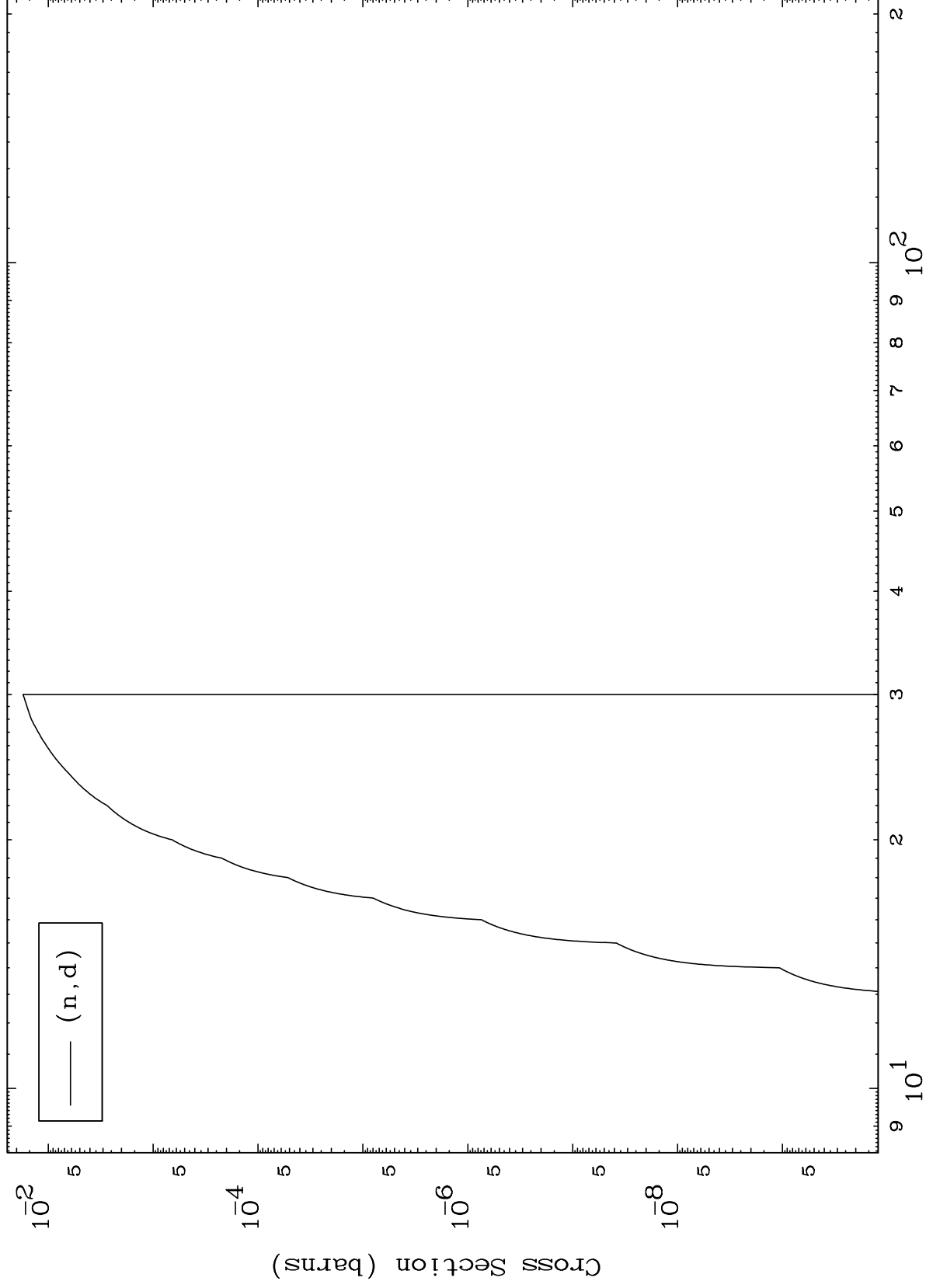
Incident Energy (MeV)

⁷⁹Au-177m

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⁷⁹Au-177m

(p,d) Levels
0 Kelvin Cross Sections



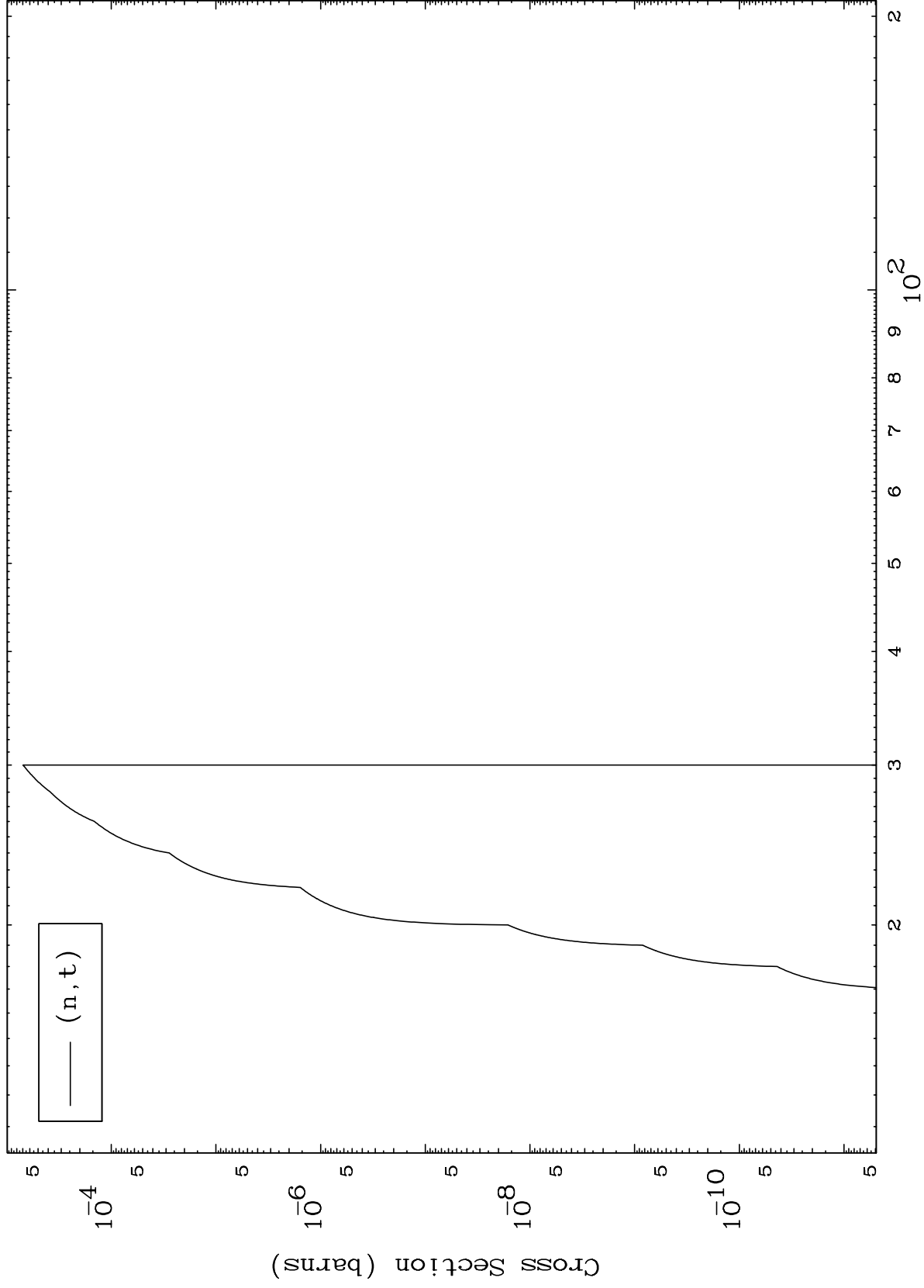
⁷⁹Au-177m

Incident Energy (MeV)

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⁷⁹Au-177m

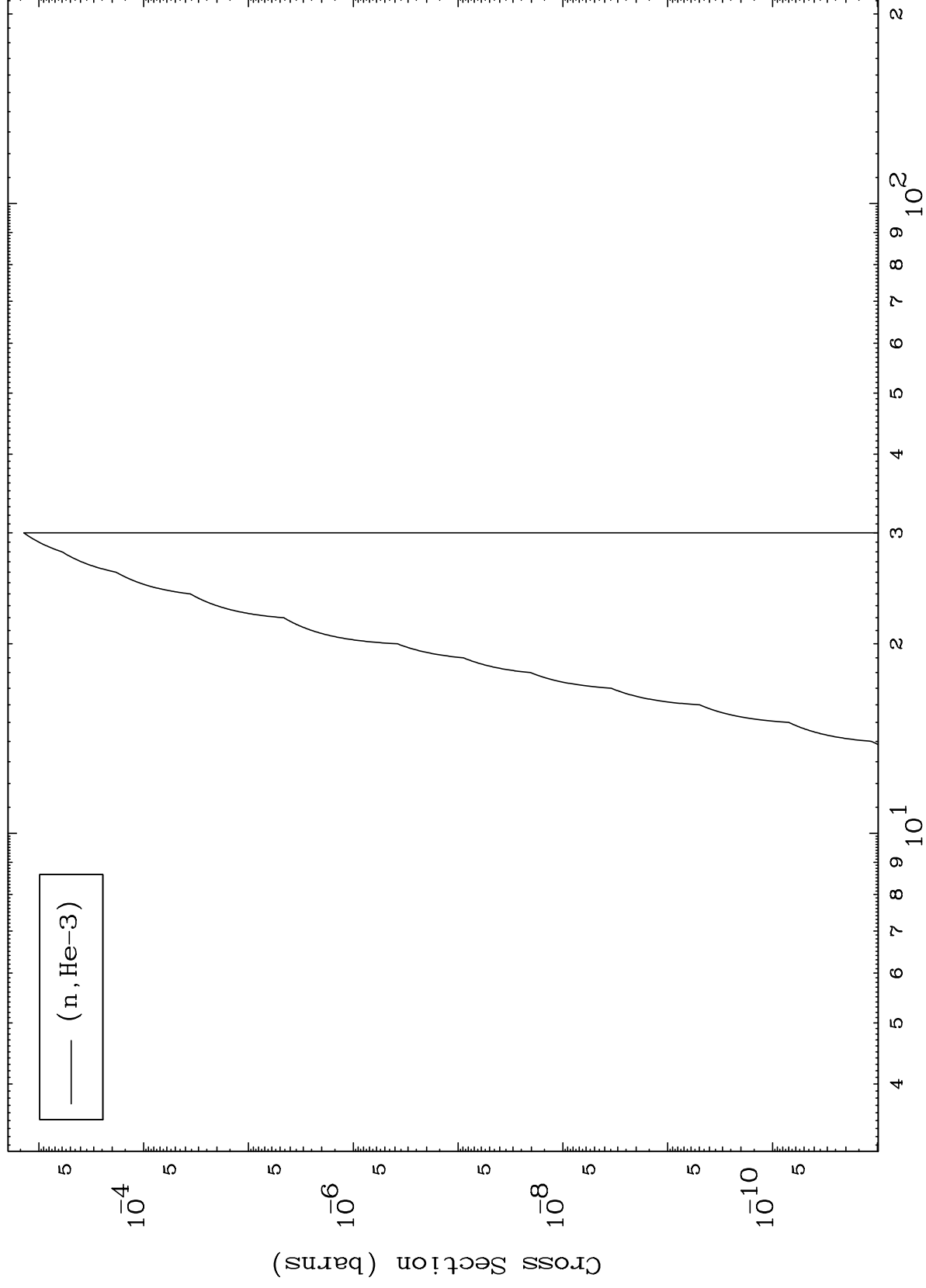
(p,t) Levels
0 Kelvin Cross Sections



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(p,He3) Levels
0 Kelvin Cross Sections

⁷⁹Au-177m



10

Incident Energy (MeV)

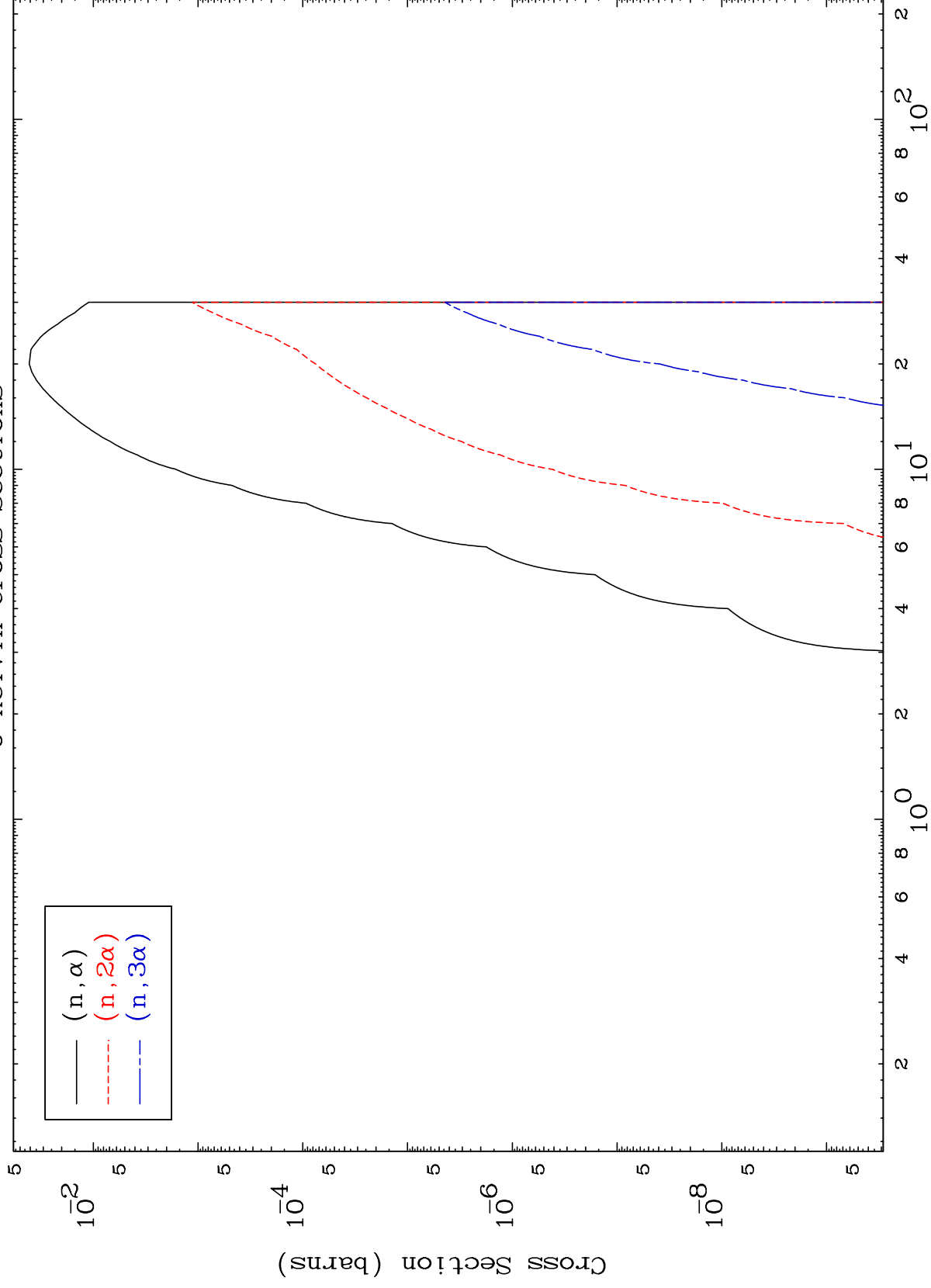
⁷⁹Au-177m

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(p, α) Levels

$^{79}\text{Au}-177\text{m}$

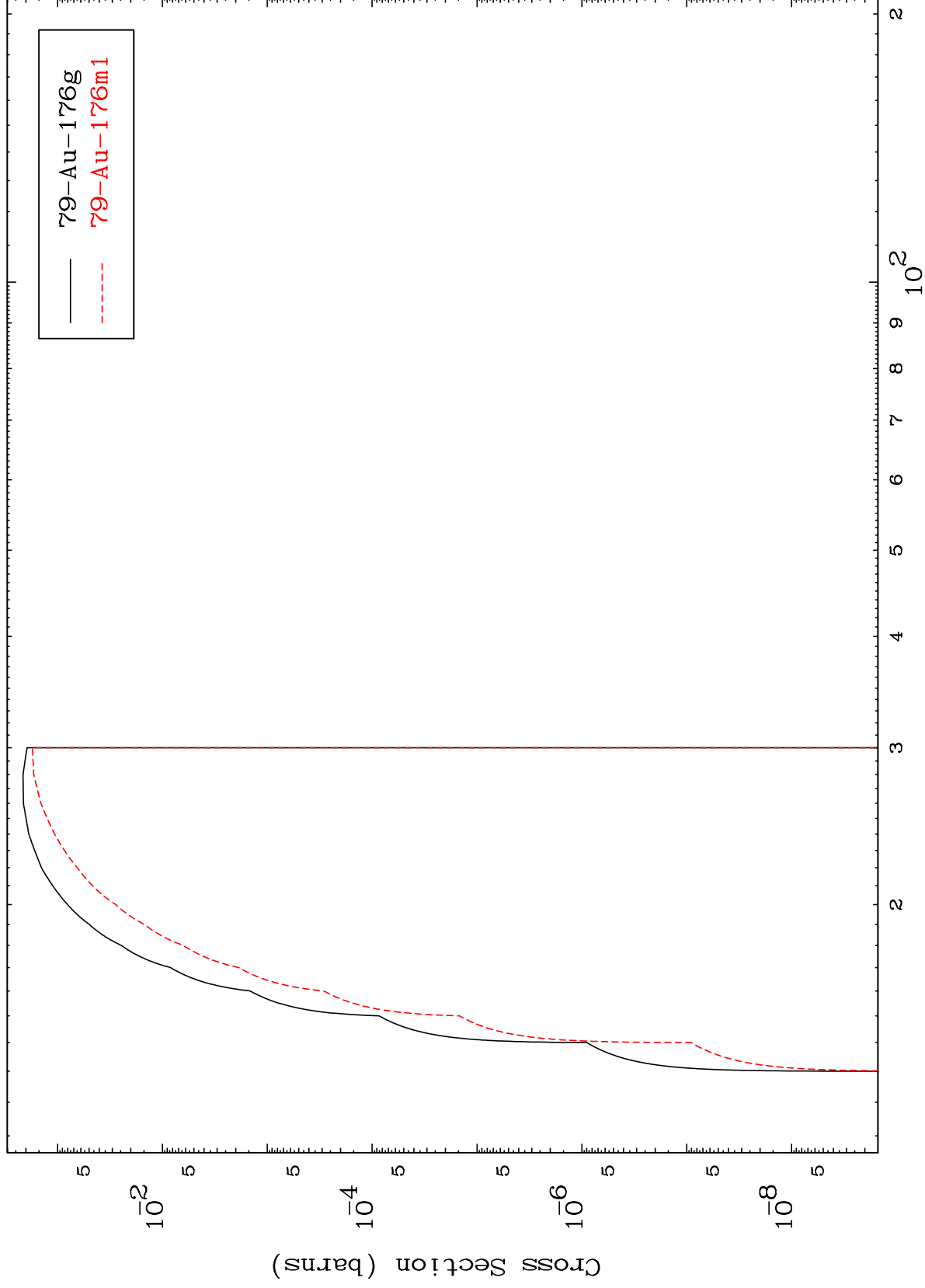
0 Kelvin Cross Sections



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⁷⁹Au-177m

(n,n') p
Radionuclide Production Cross Section



⁷⁹Au-177m

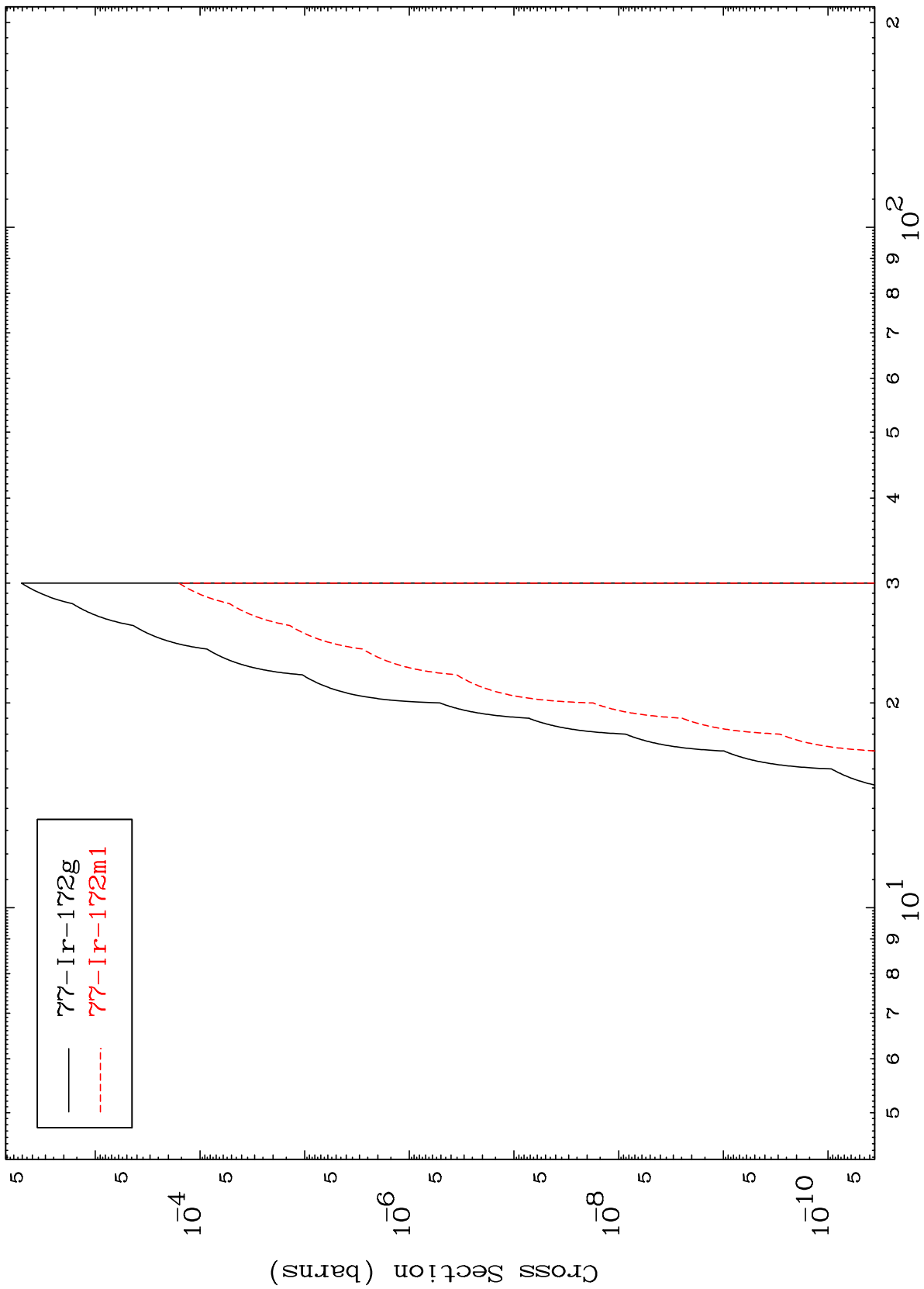
Incident Energy (MeV)

12

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$^{79}\text{Au-177m}$

$(n,n')\text{ p } \alpha$
Radionuclide Production Cross Section



$^{79}\text{Au-177m}$

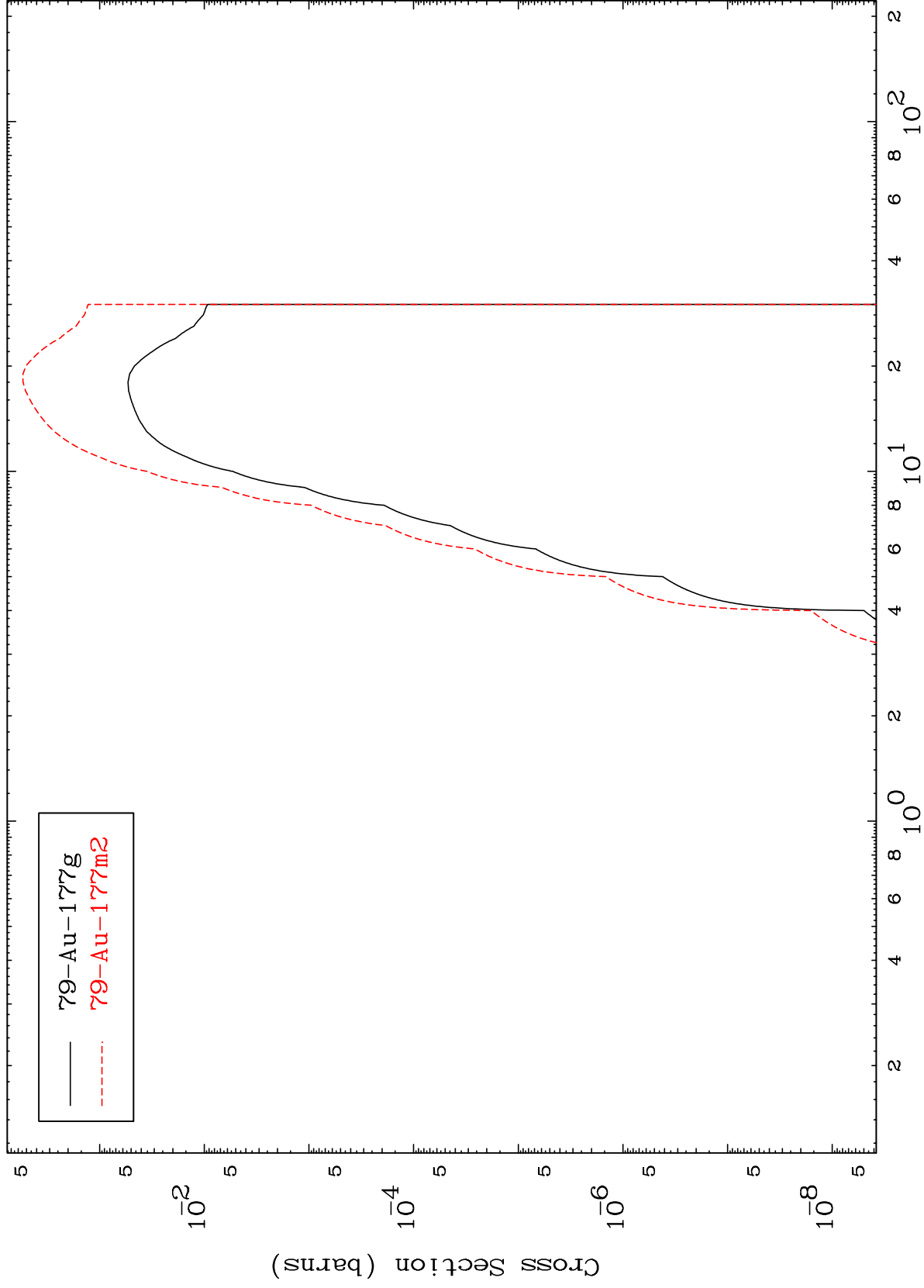
Incident Energy (MeV)

13

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⁷⁹Au-177m

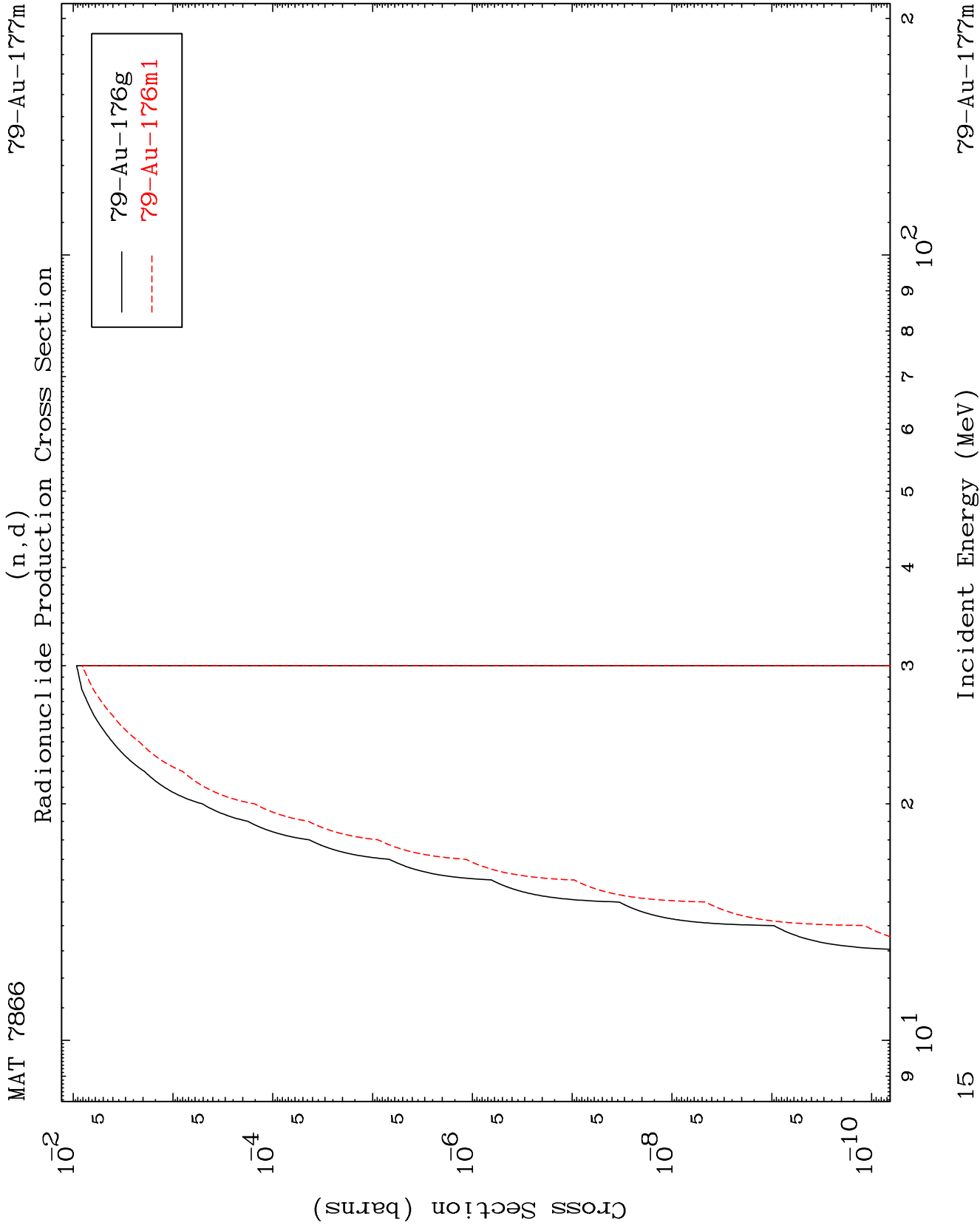
Radionuclide Production Cross Section (n,p)



⁷⁹Au-177m

Incident Energy (MeV)

14

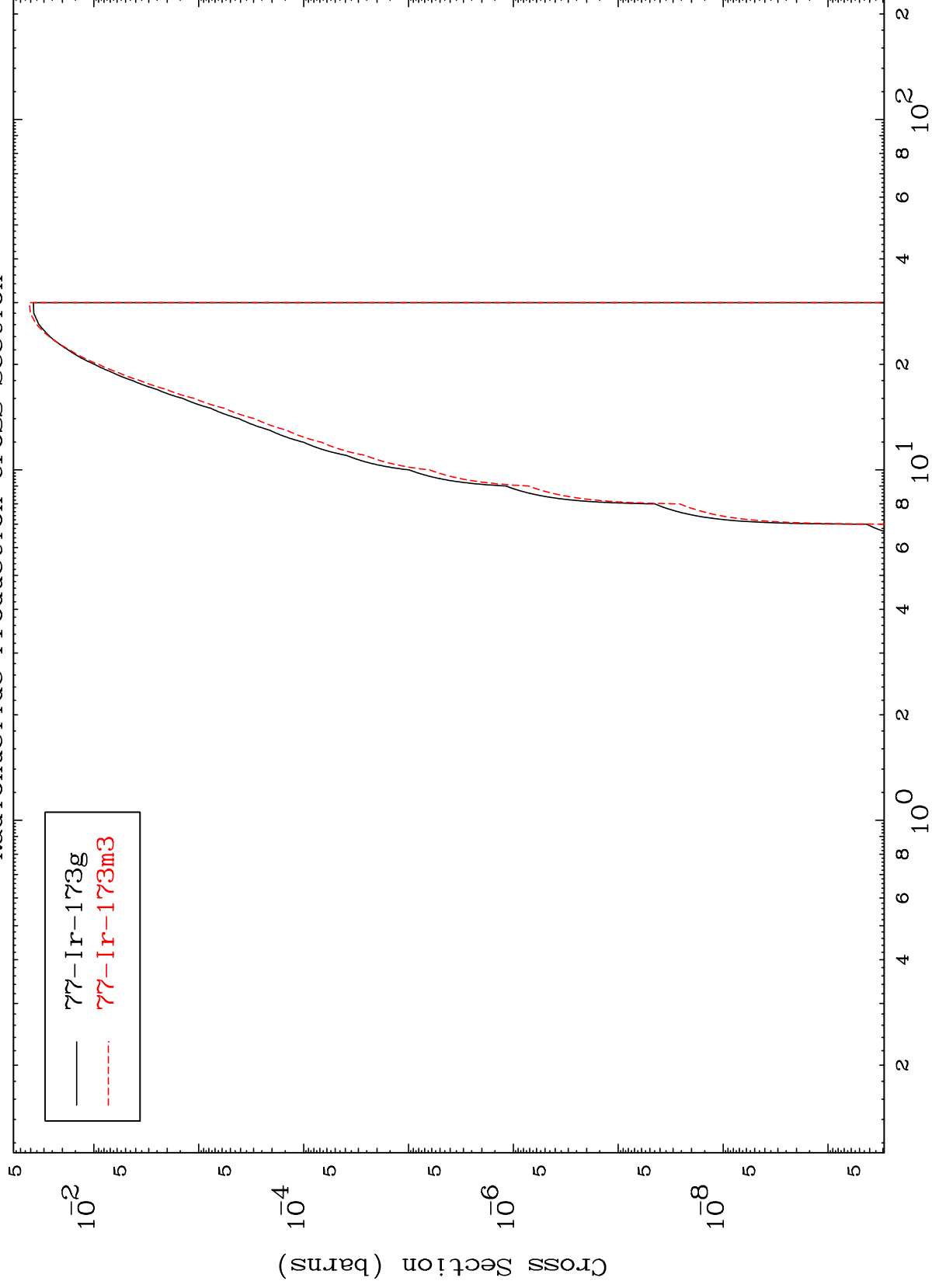


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(n,p) α

$^{79}\text{Au}-177\text{m}$

Radionuclide Production Cross Section



16

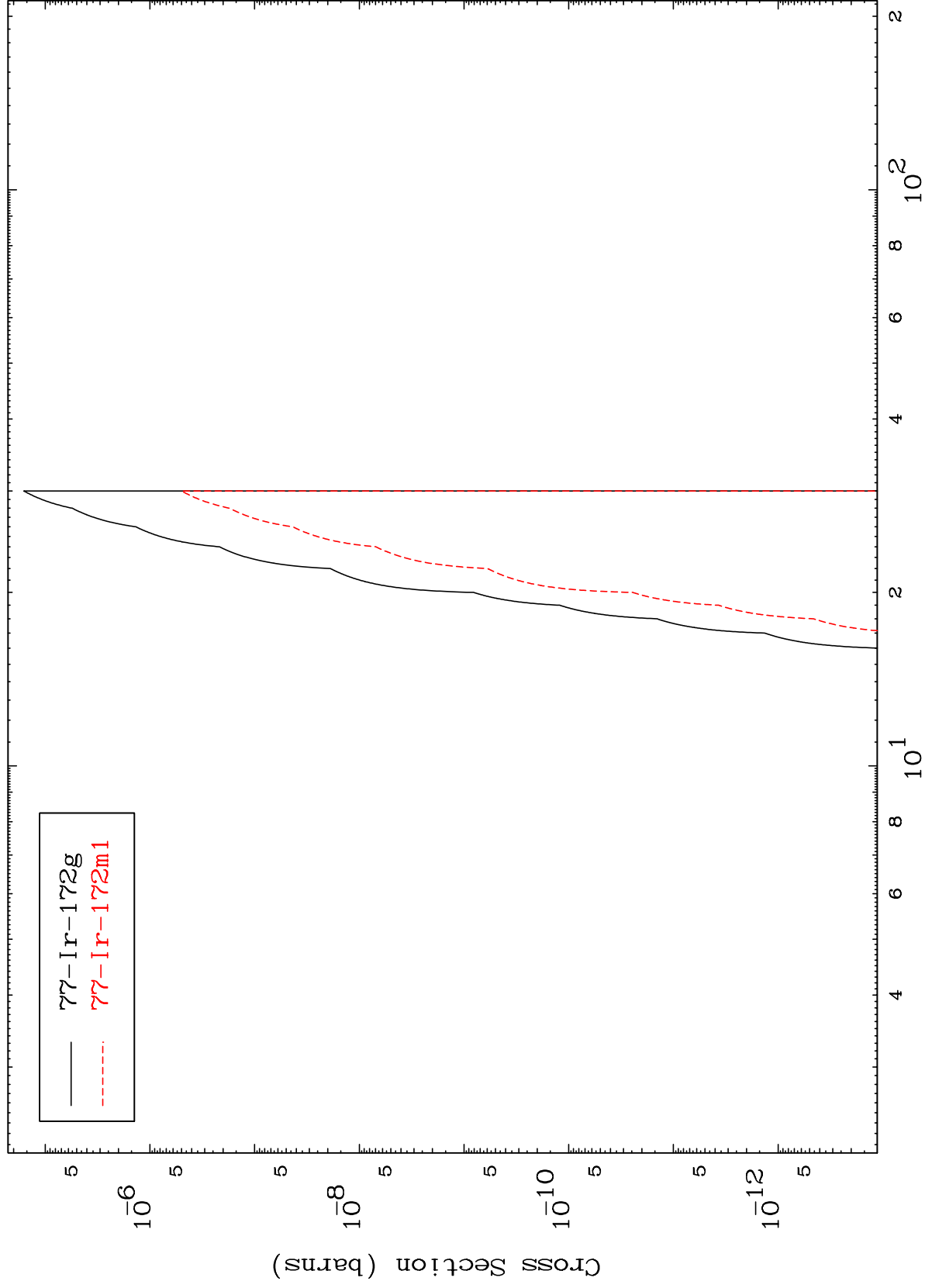
Incident Energy (MeV)

$^{79}\text{Au}-177\text{m}$

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$^{79}\text{Au-177m}$

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



17

Incident Energy (MeV)

$^{79}\text{Au-177m}$