

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

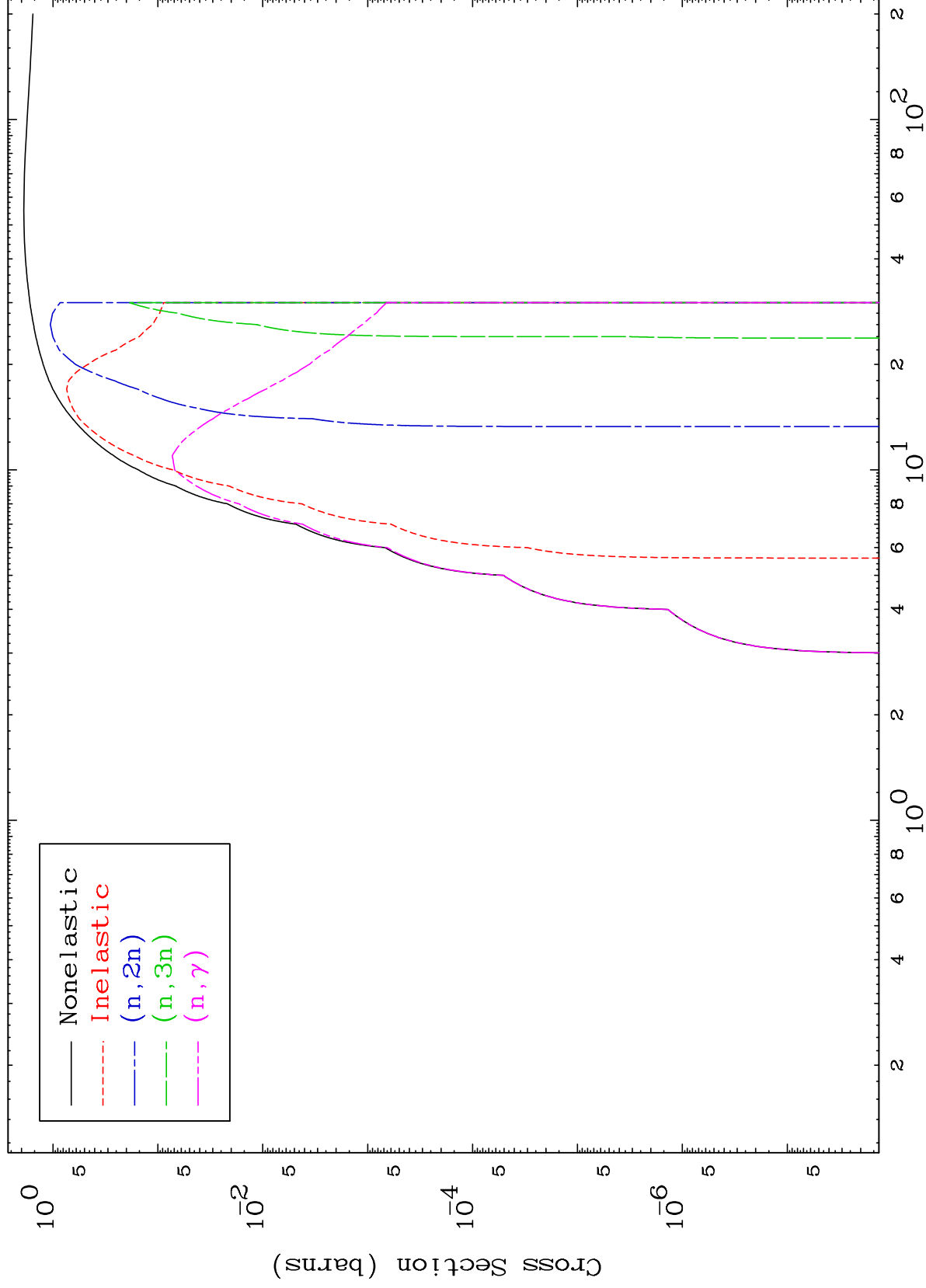
Press Mouse Button to Start

MAT 7896

Proton Major

79-Au-187m

0 Kelvin Cross Sections



1

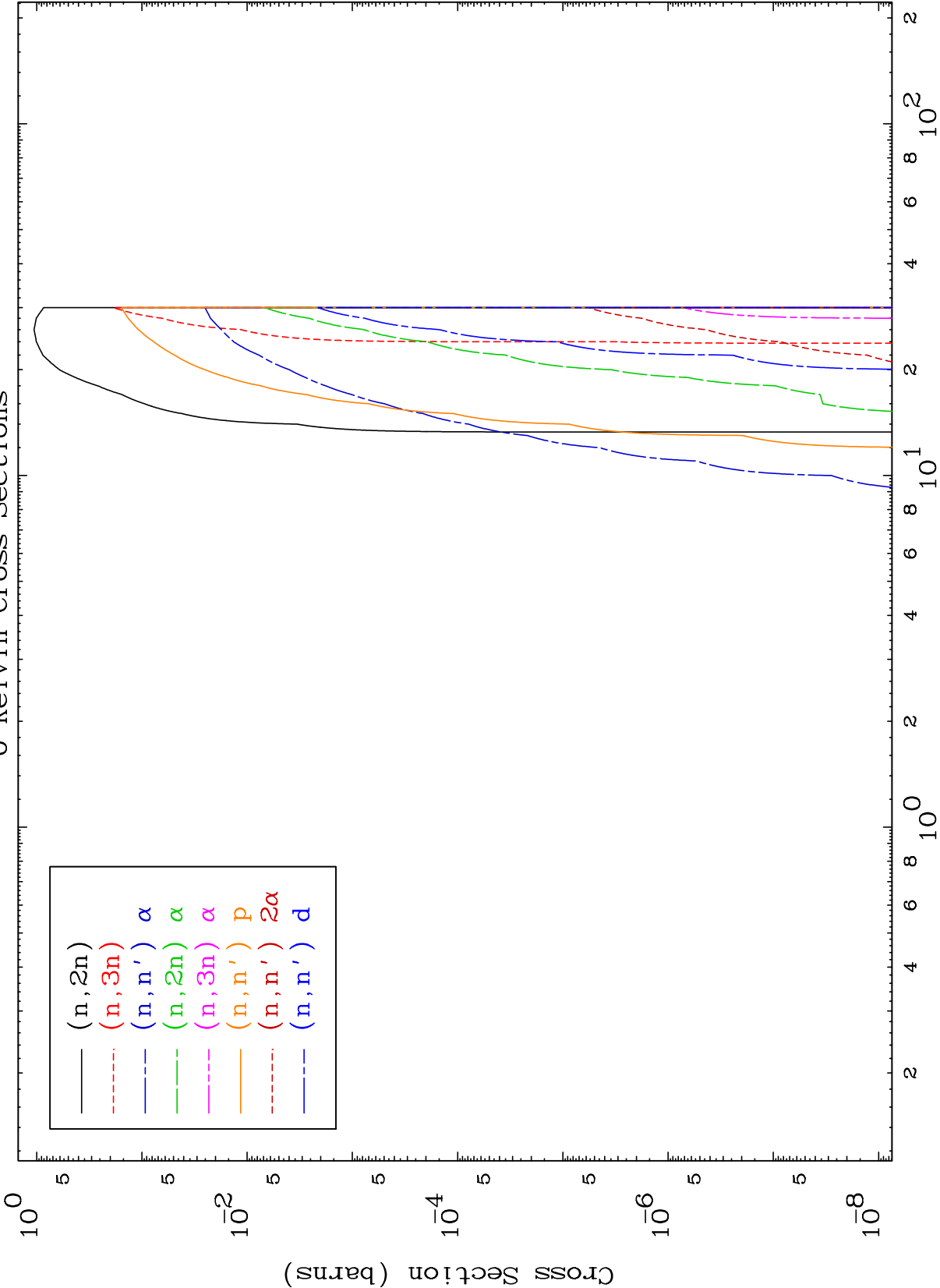
Incident Energy (MeV)

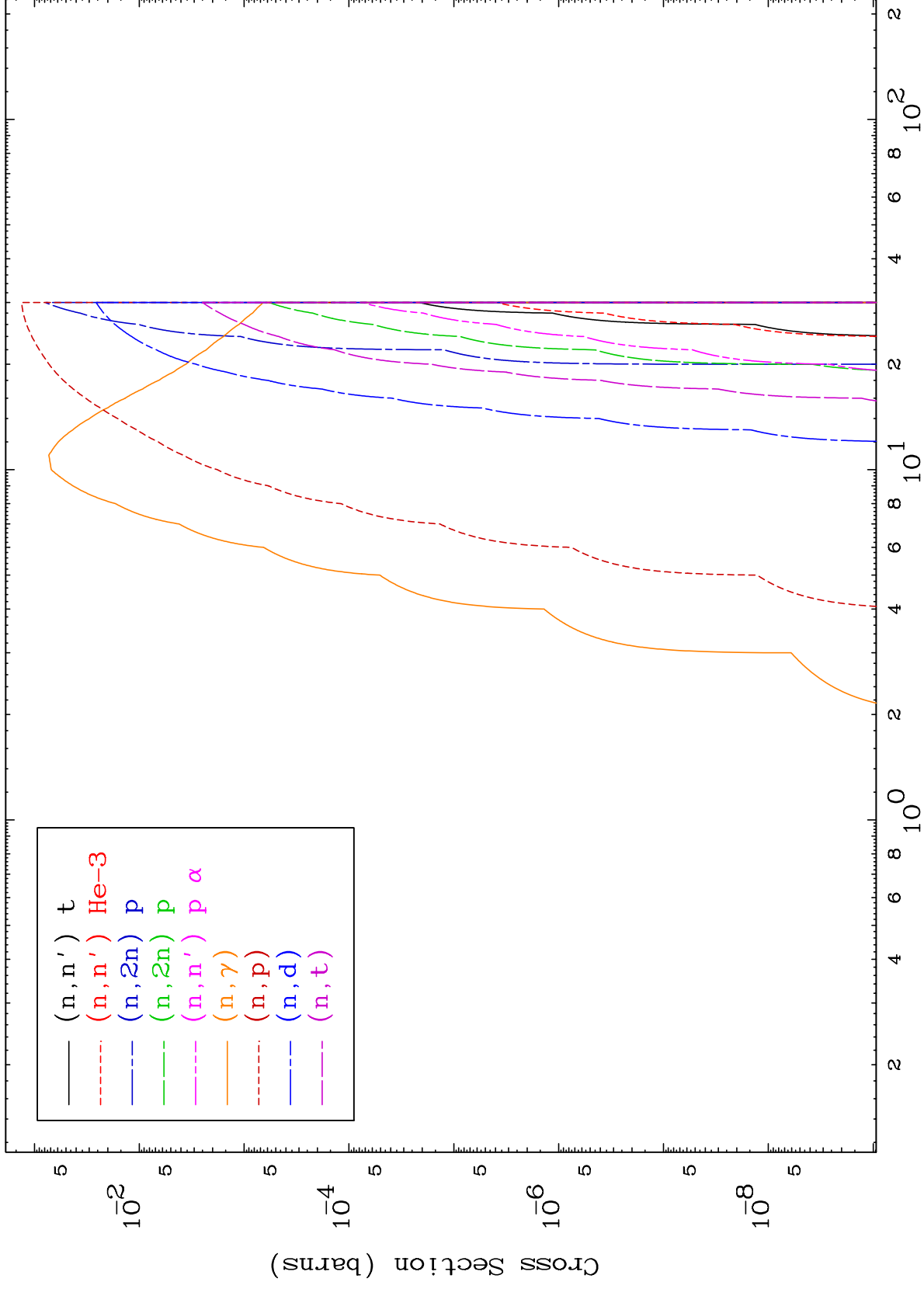
79-Au-187m

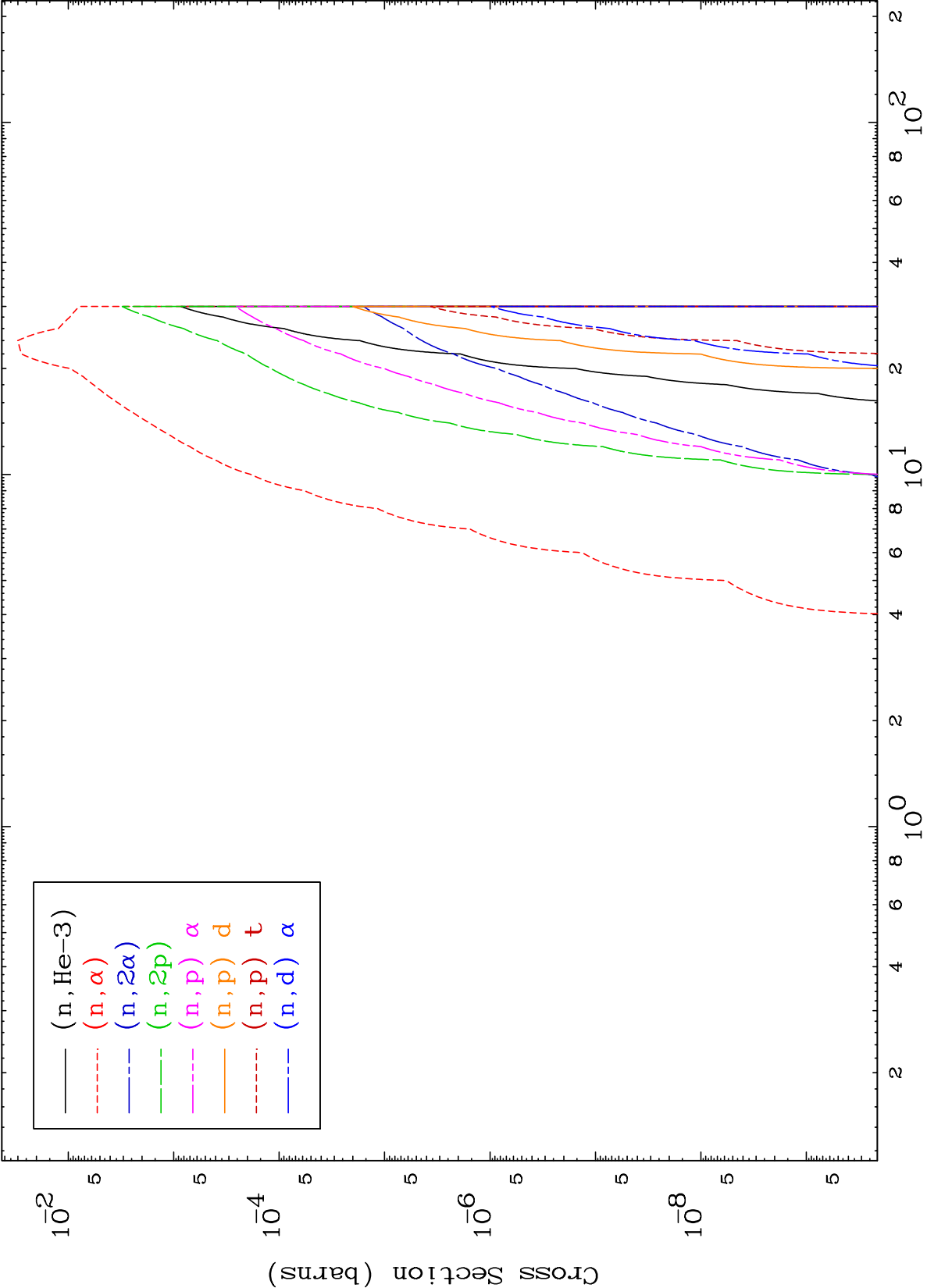
MAT 7896

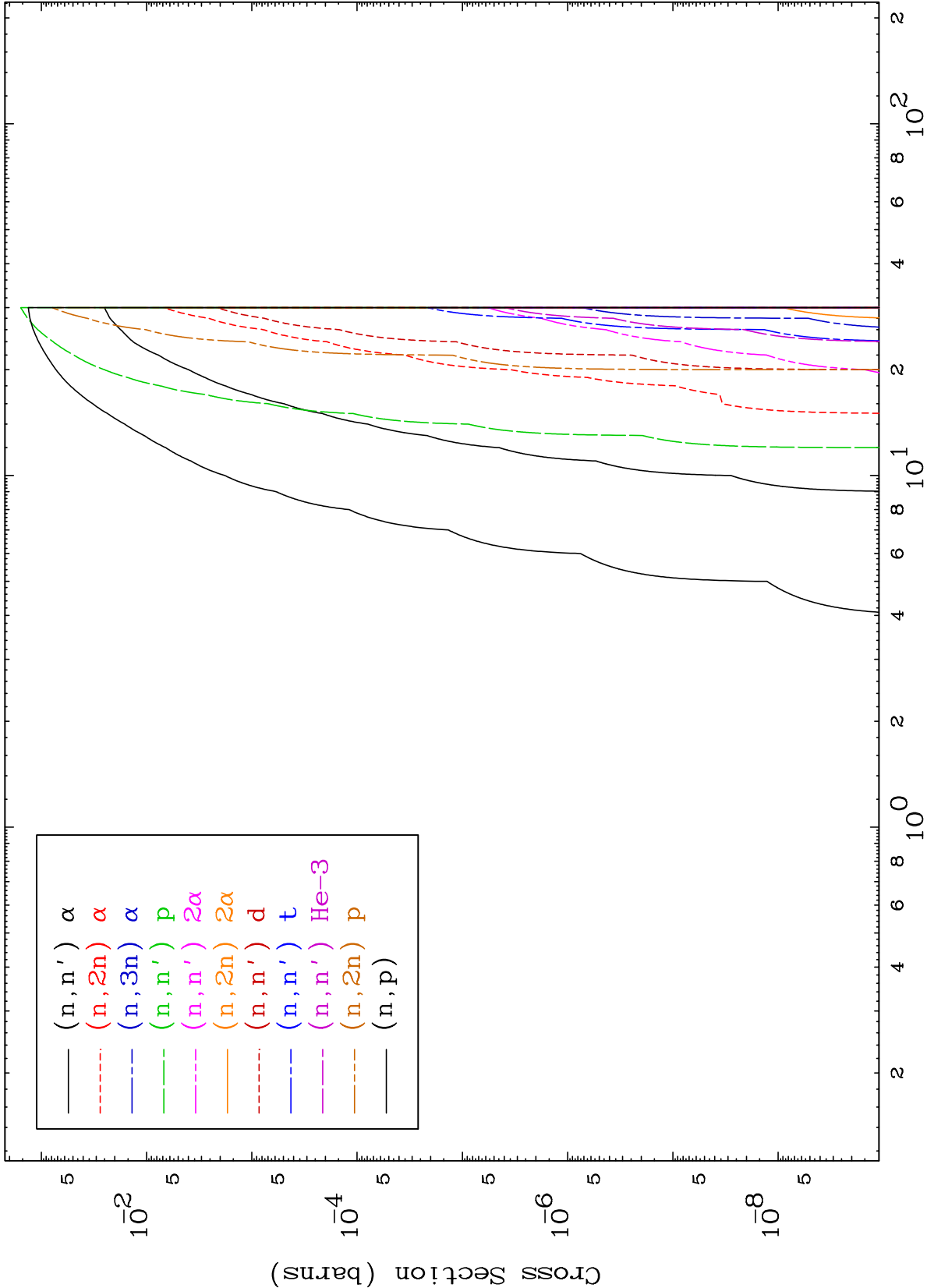
Proton Neutron Absorption
0 Kelvin Cross Sections

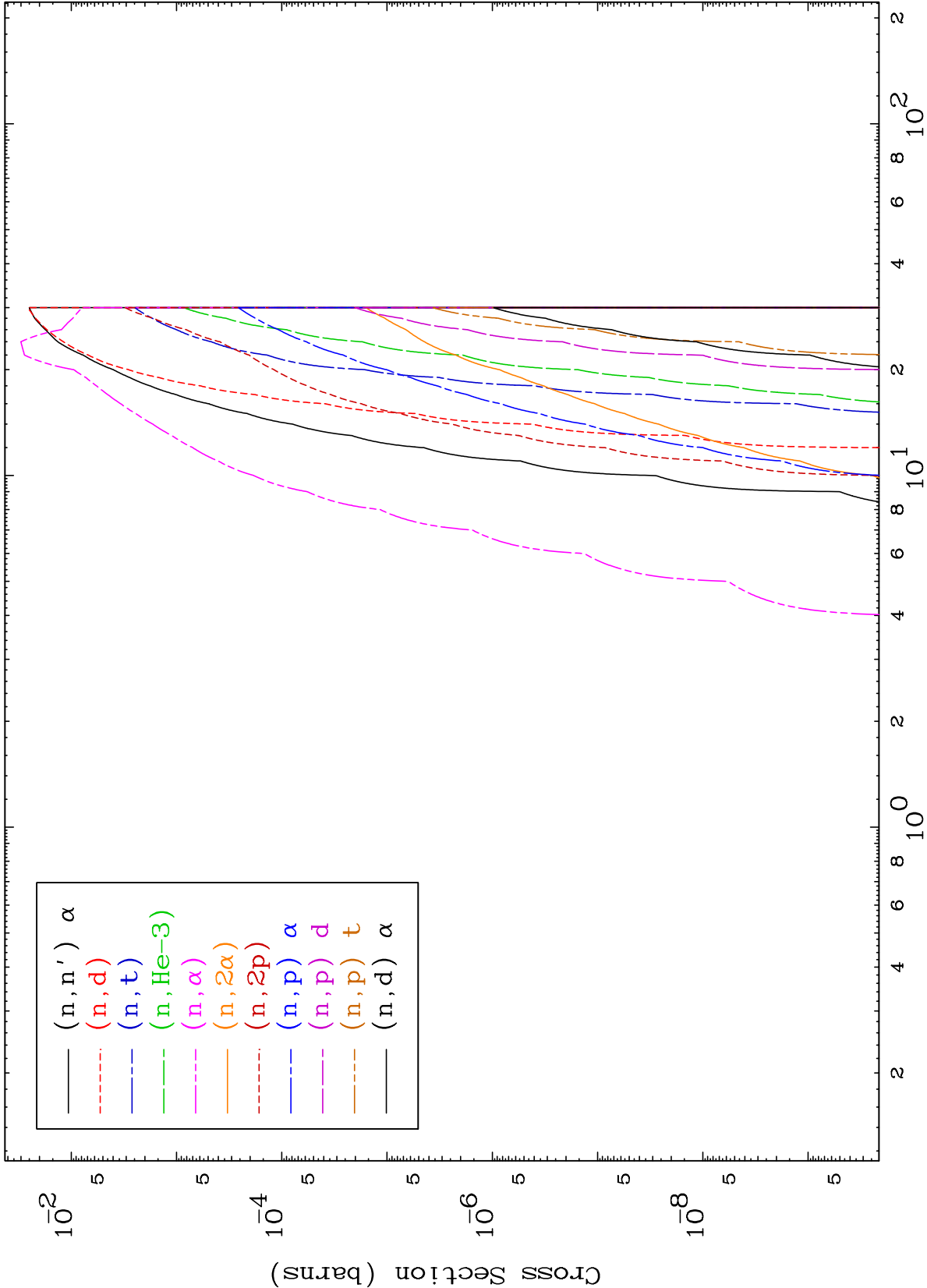
$^{79}\text{Au-187m}$







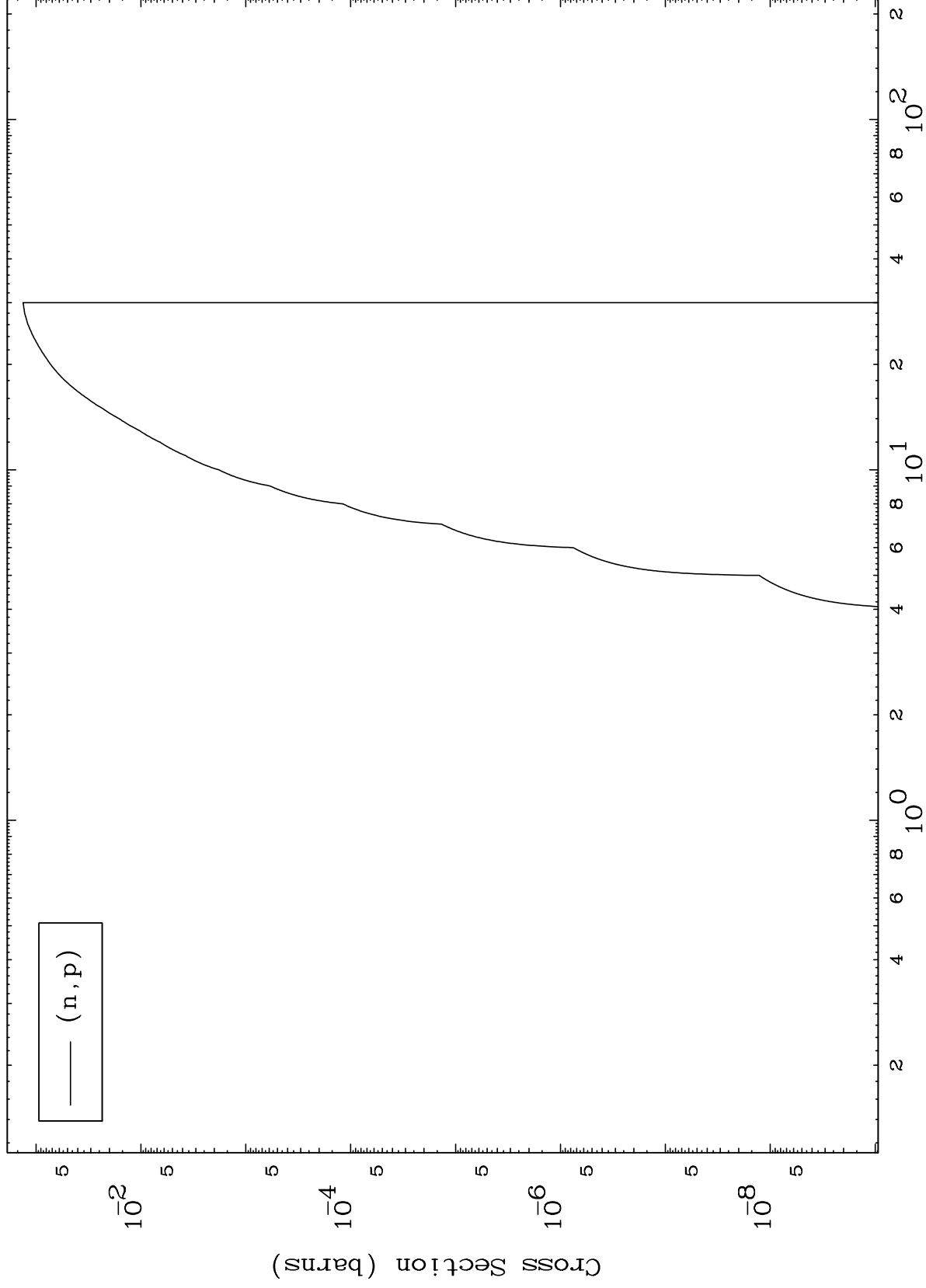




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⁷⁹Au-187m

(p,p) Levels
0 Kelvin Cross Sections



7

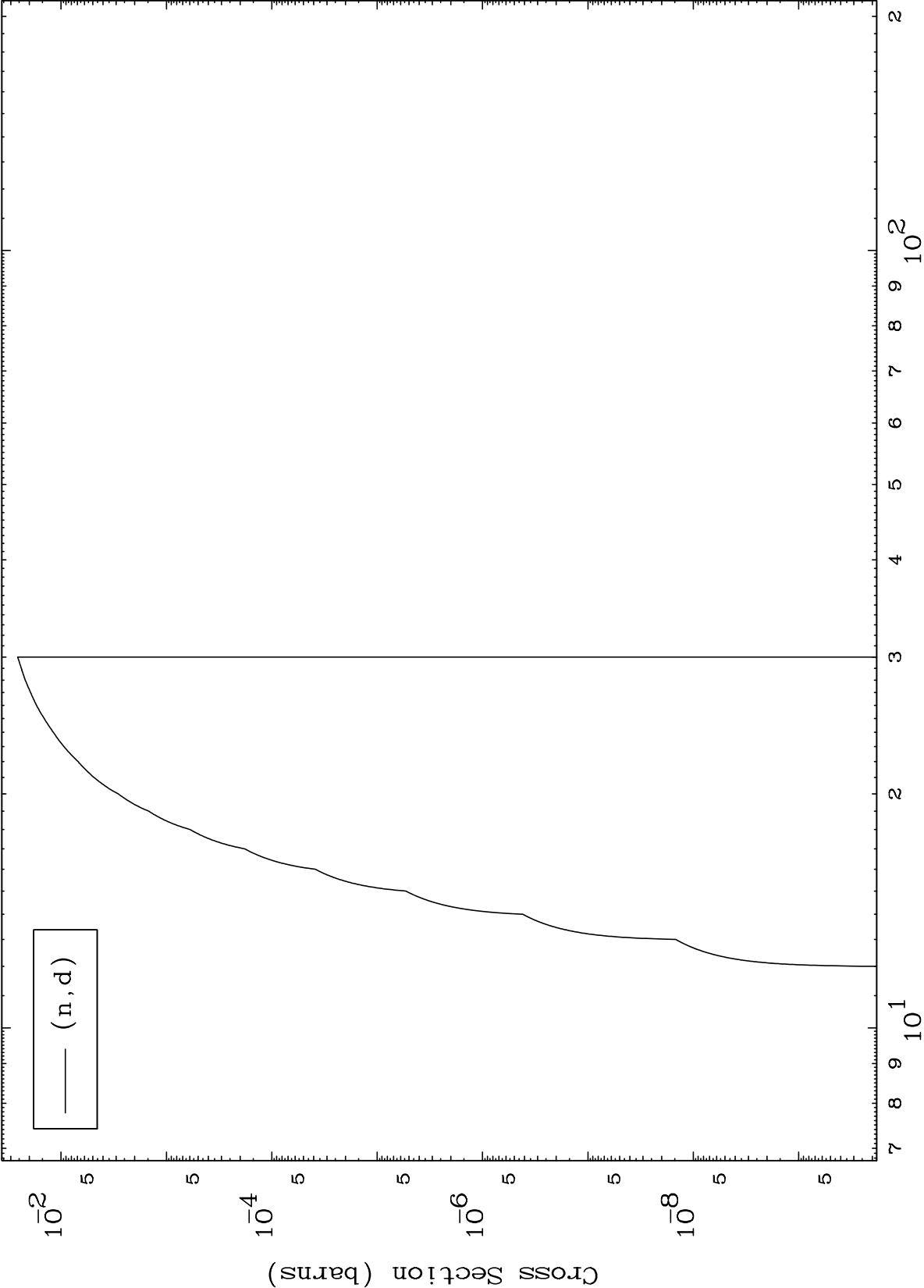
Incident Energy (MeV)

⁷⁹Au-187m

MAT 7896

(p,d) Levels
0 Kelvin Cross Sections

⁷⁹Au-187m



Incident Energy (MeV)

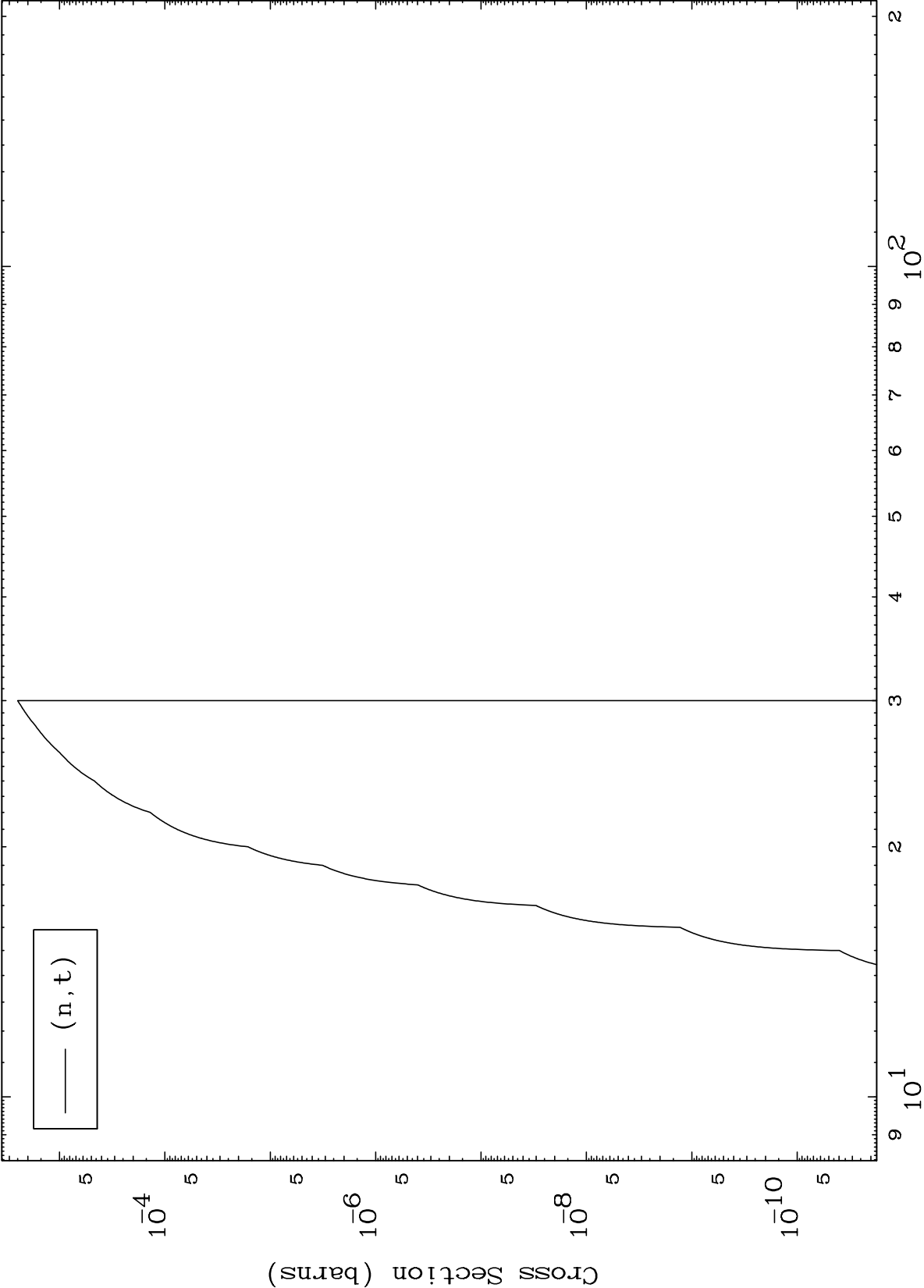
⁷⁹Au-187m

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(p,t) Levels

⁷⁹Au-187m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

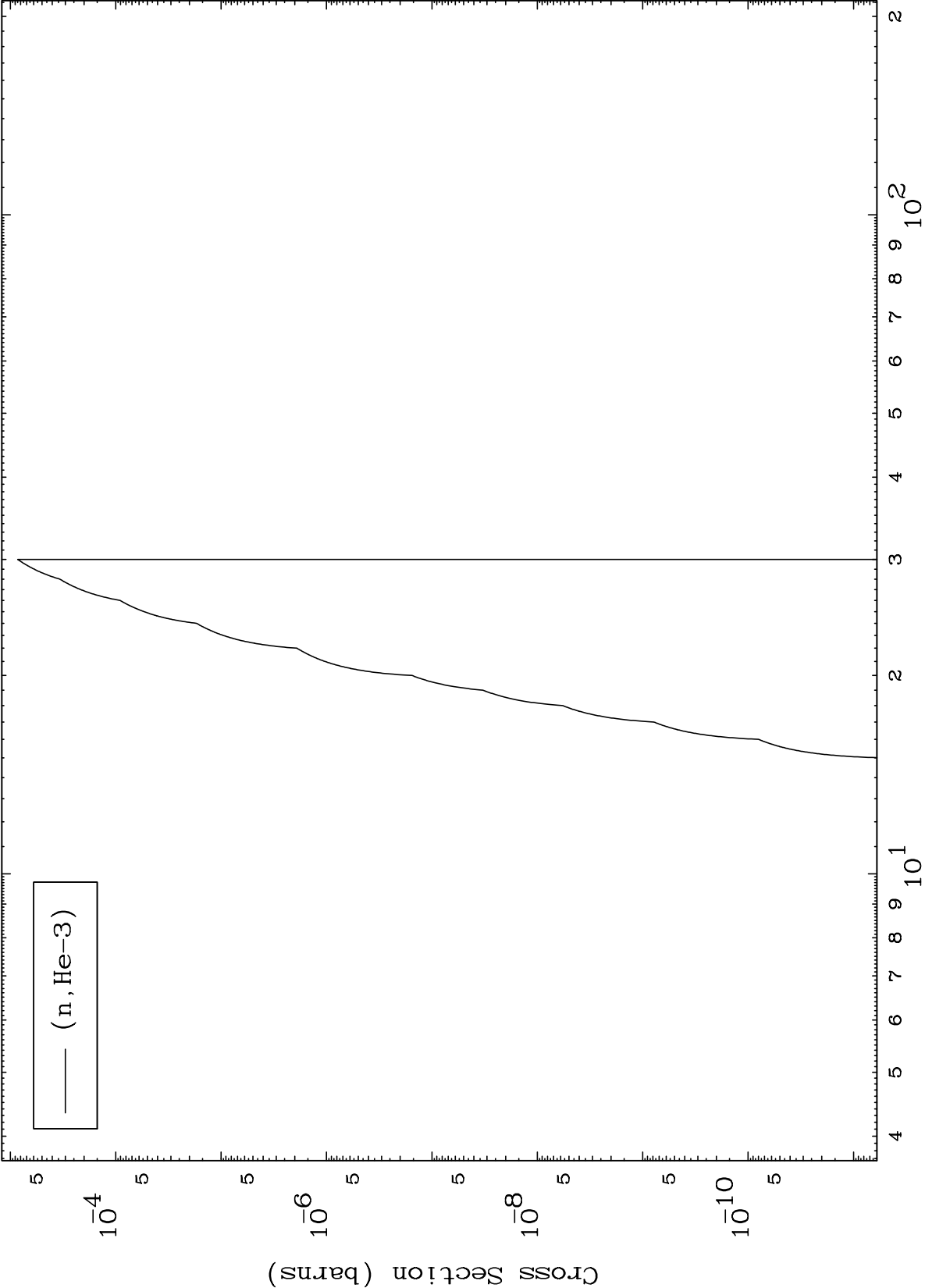
⁷⁹Au-187m

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(p,He3) Levels

⁷⁹Au-187m

0 Kelvin Cross Sections



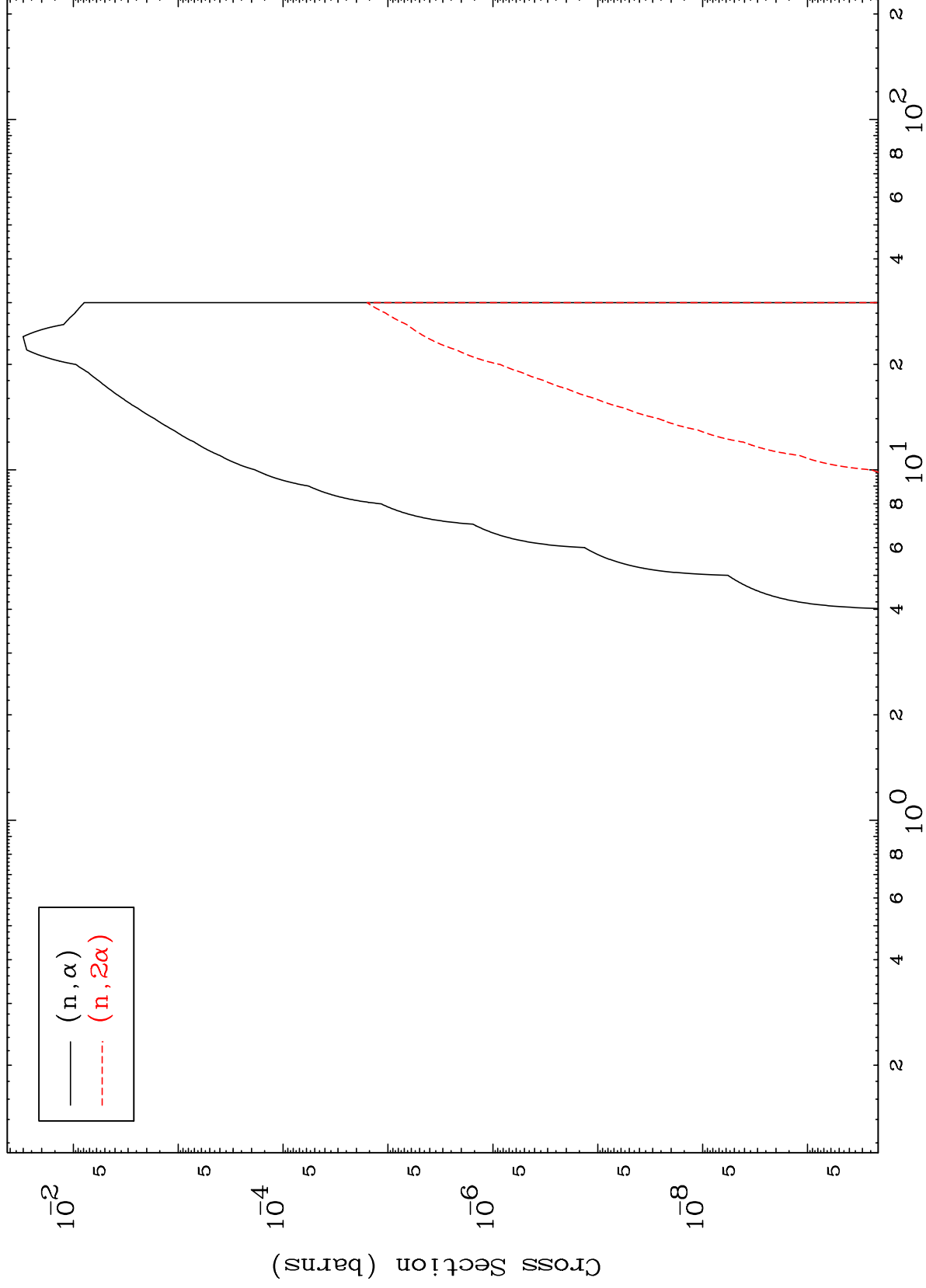
Incident Energy (MeV)

⁷⁹Au-187m

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⁷⁹Au-187m

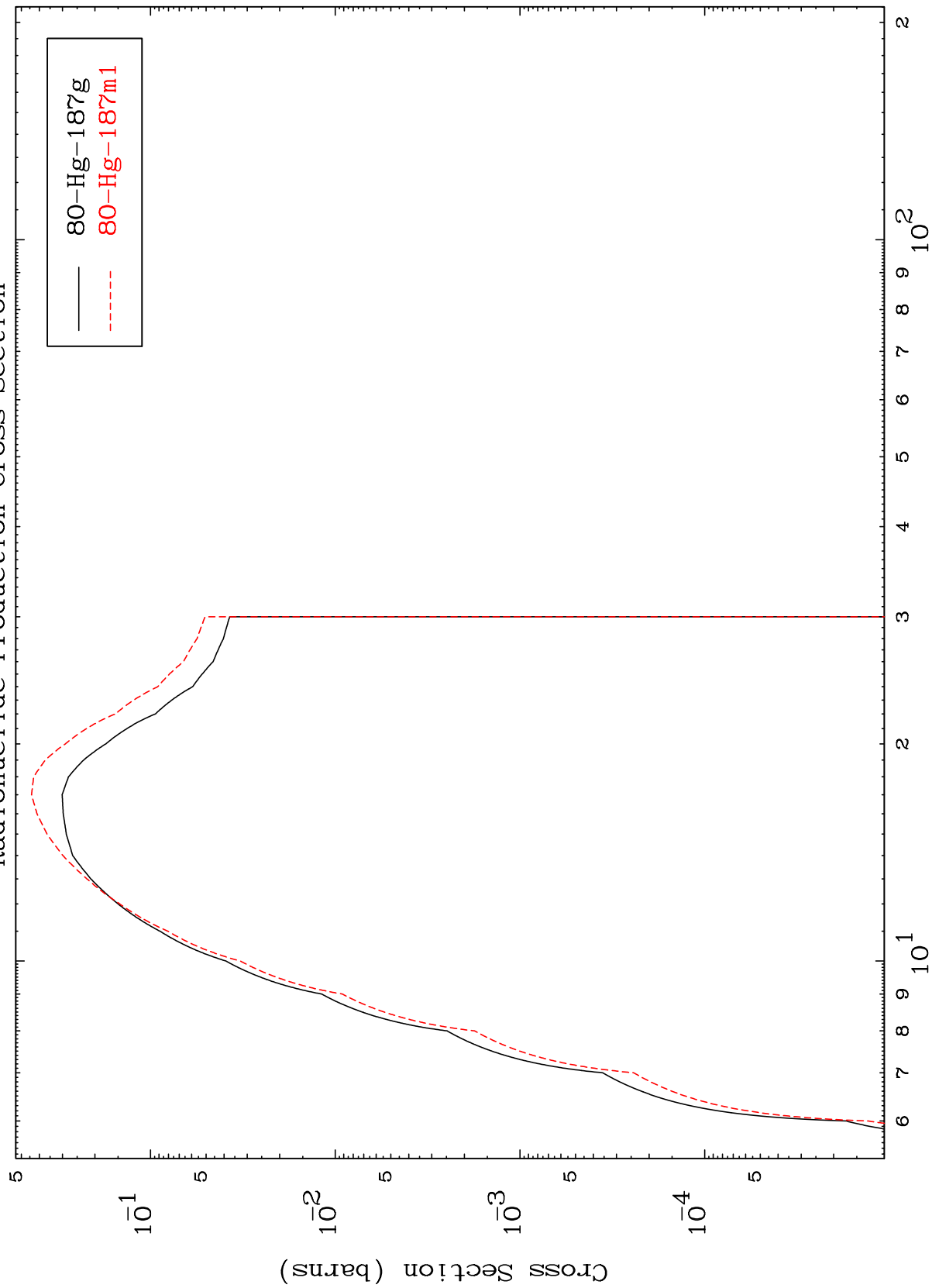
(p,α) Levels
0 Kelvin Cross Sections



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⁷⁹Au-¹⁸⁷m

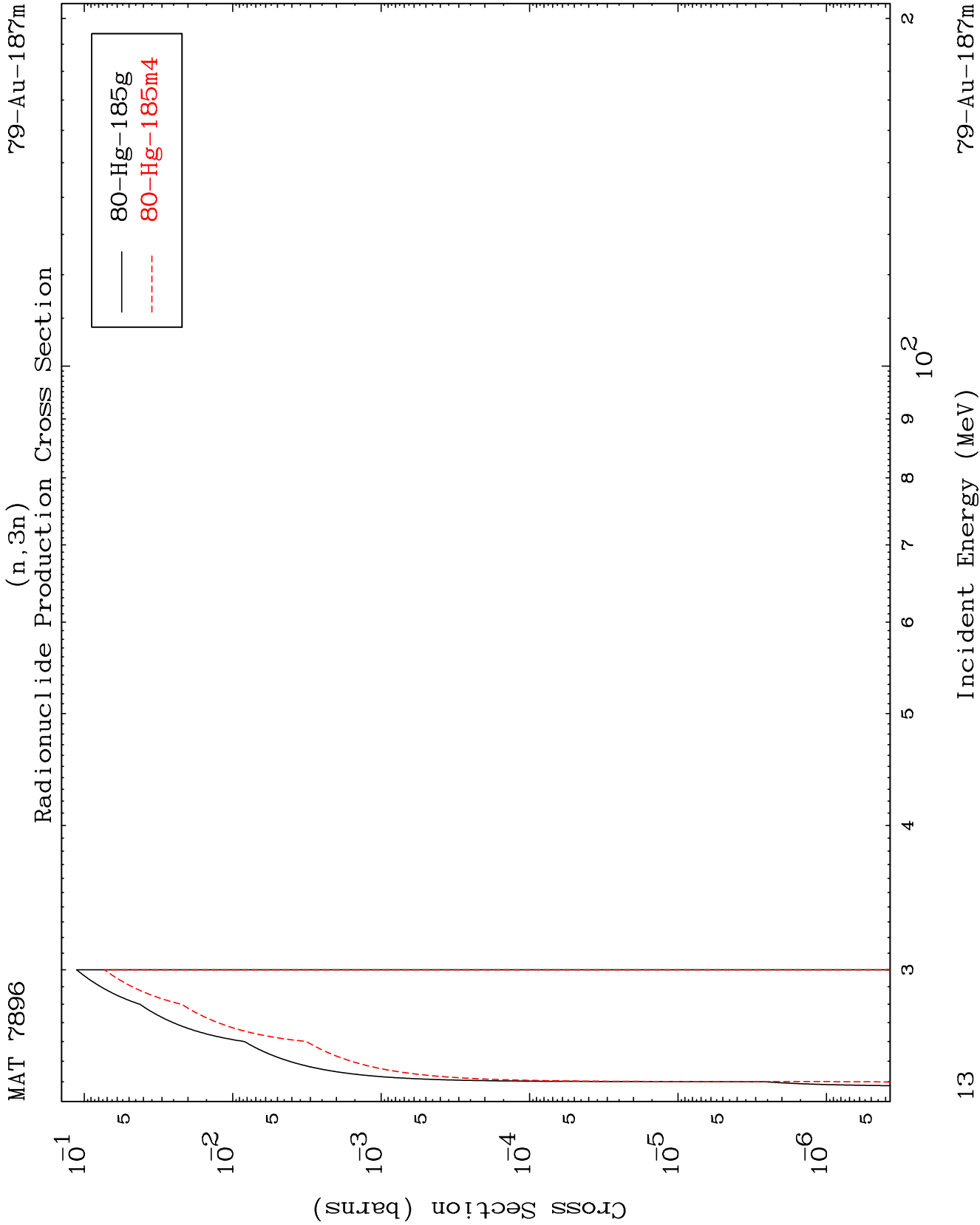
Inelastic
Radionuclide Production Cross Section



⁷⁹Au-¹⁸⁷m

Incident Energy (MeV)

12

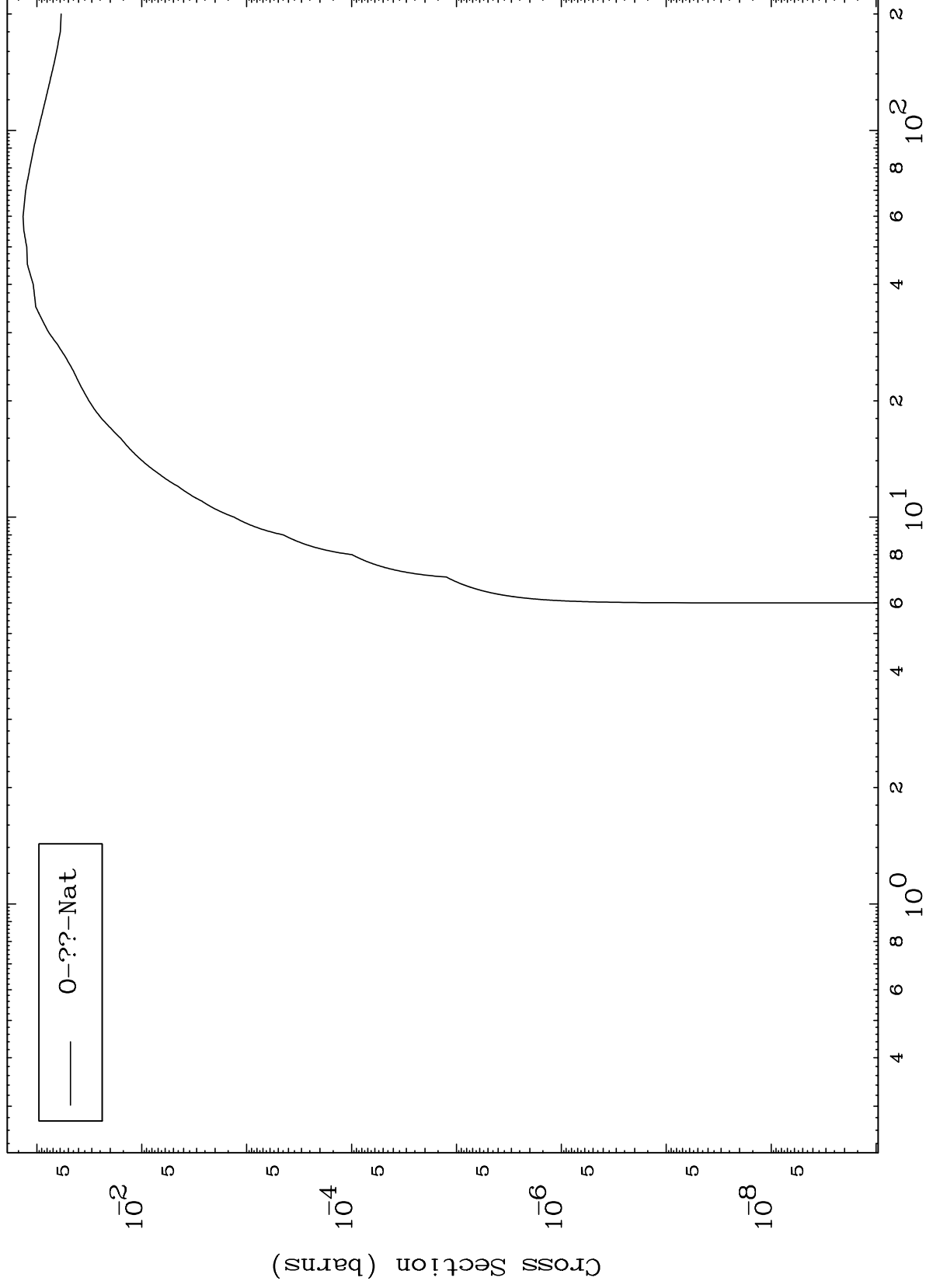


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Fission

$^{79}\text{Au-187m}$

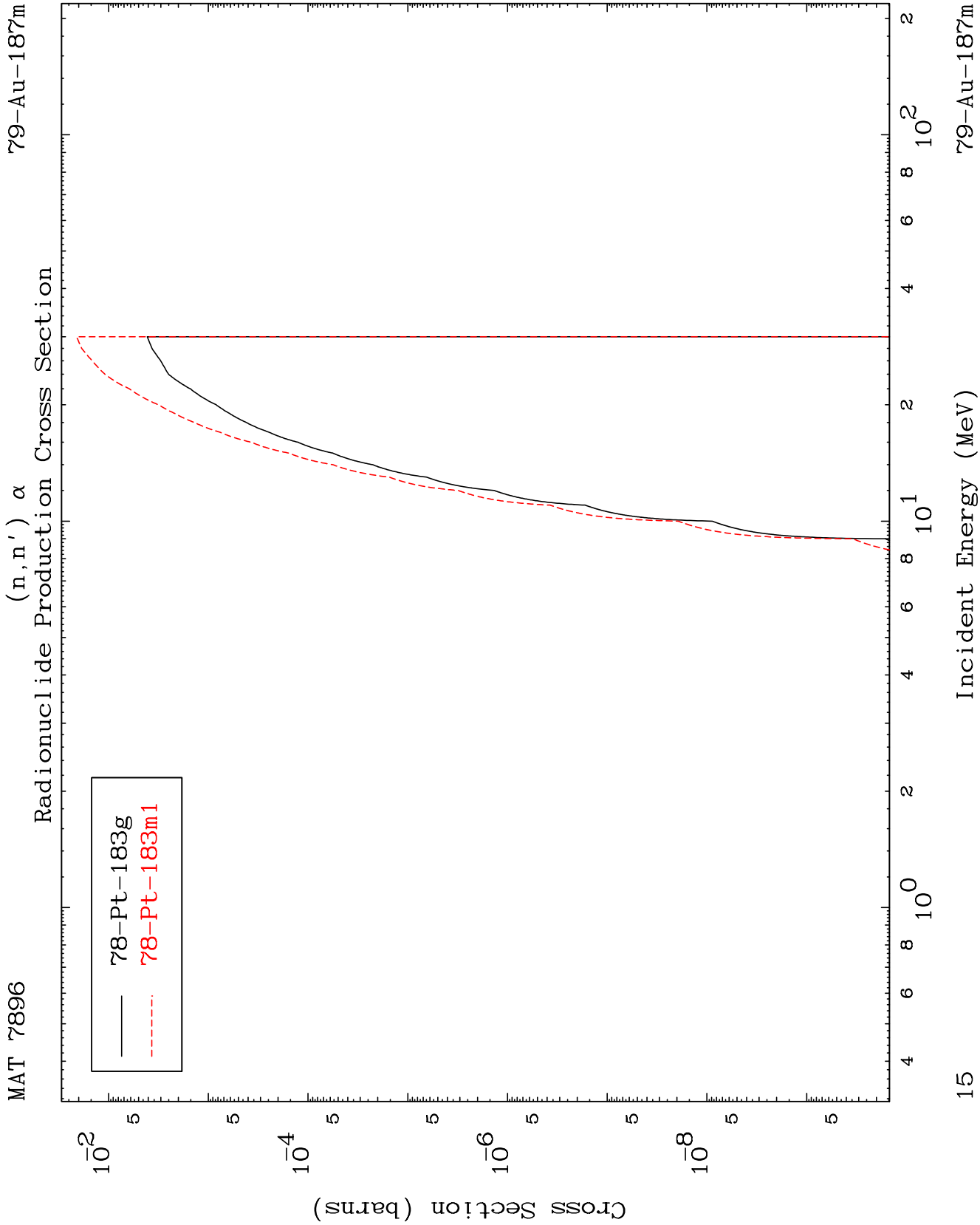
Radionuclide Production Cross Section



14

Incident Energy (MeV)

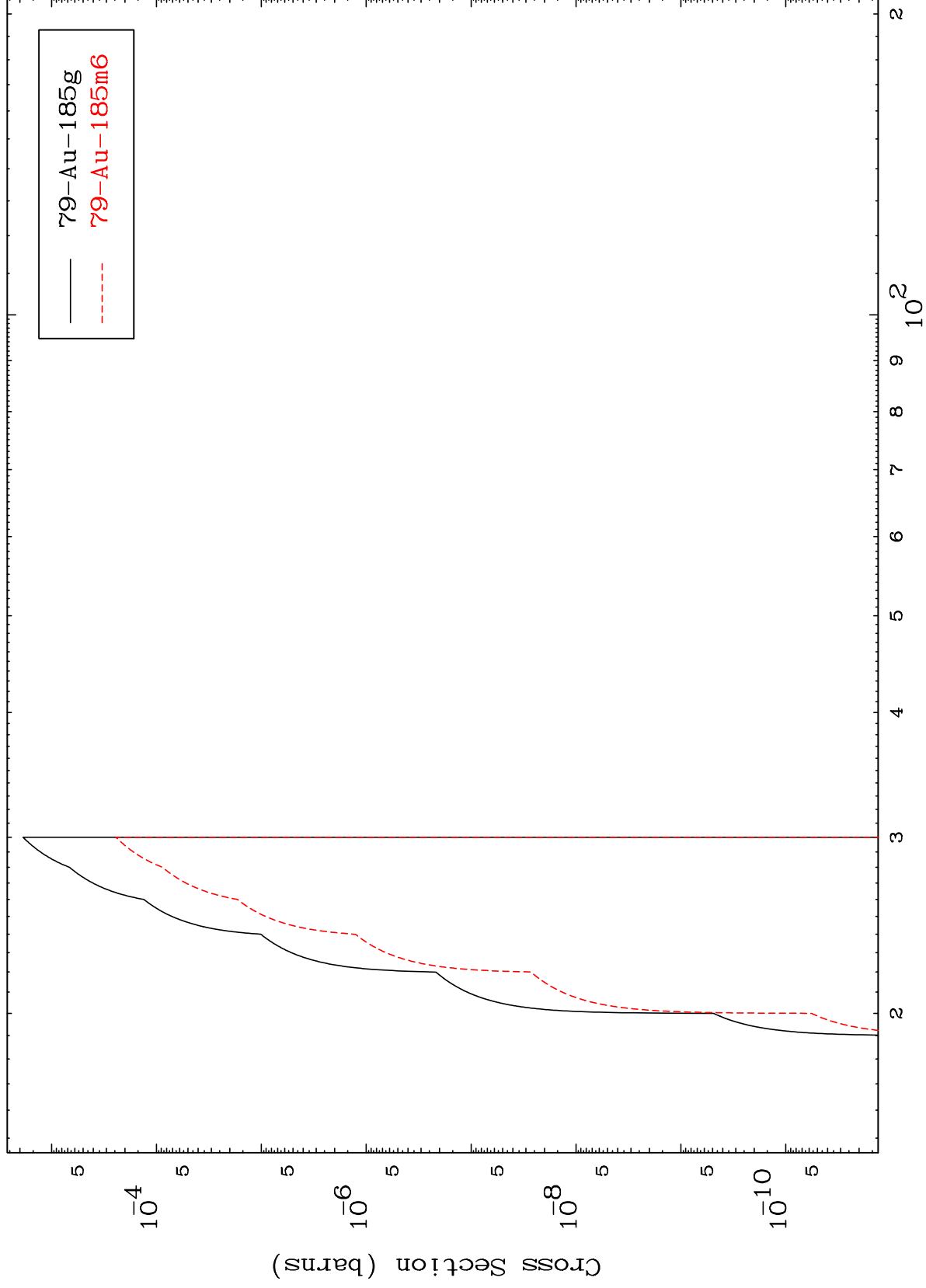
$^{79}\text{Au-187m}$



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⁷⁹Au-187m

(n,n') d
Radionuclide Production Cross Section



16

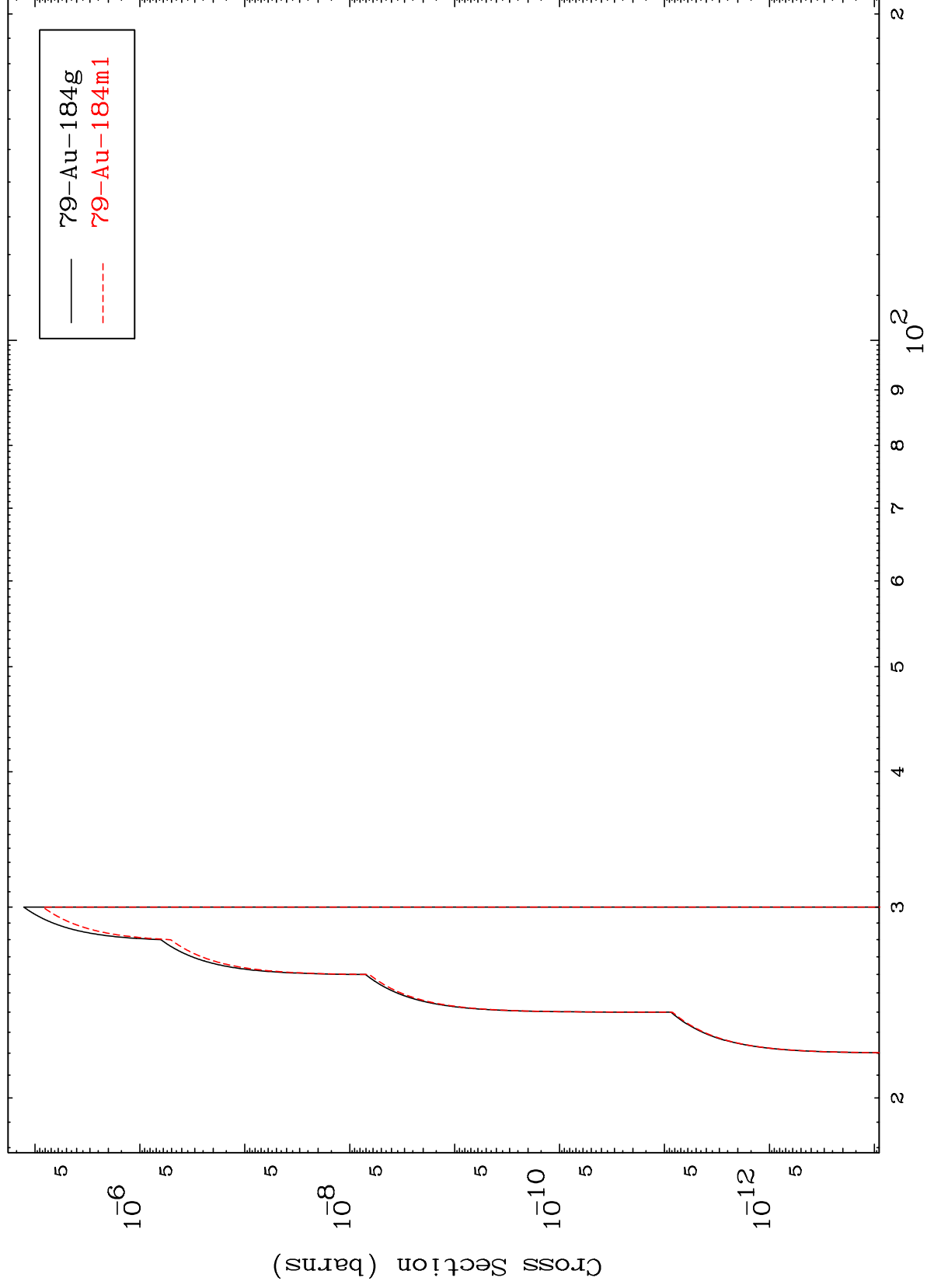
Incident Energy (MeV)

⁷⁹Au-187m

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$^{79}\text{Au-187m}$

$(n,n')\ t$
Radionuclide Production Cross Section



17

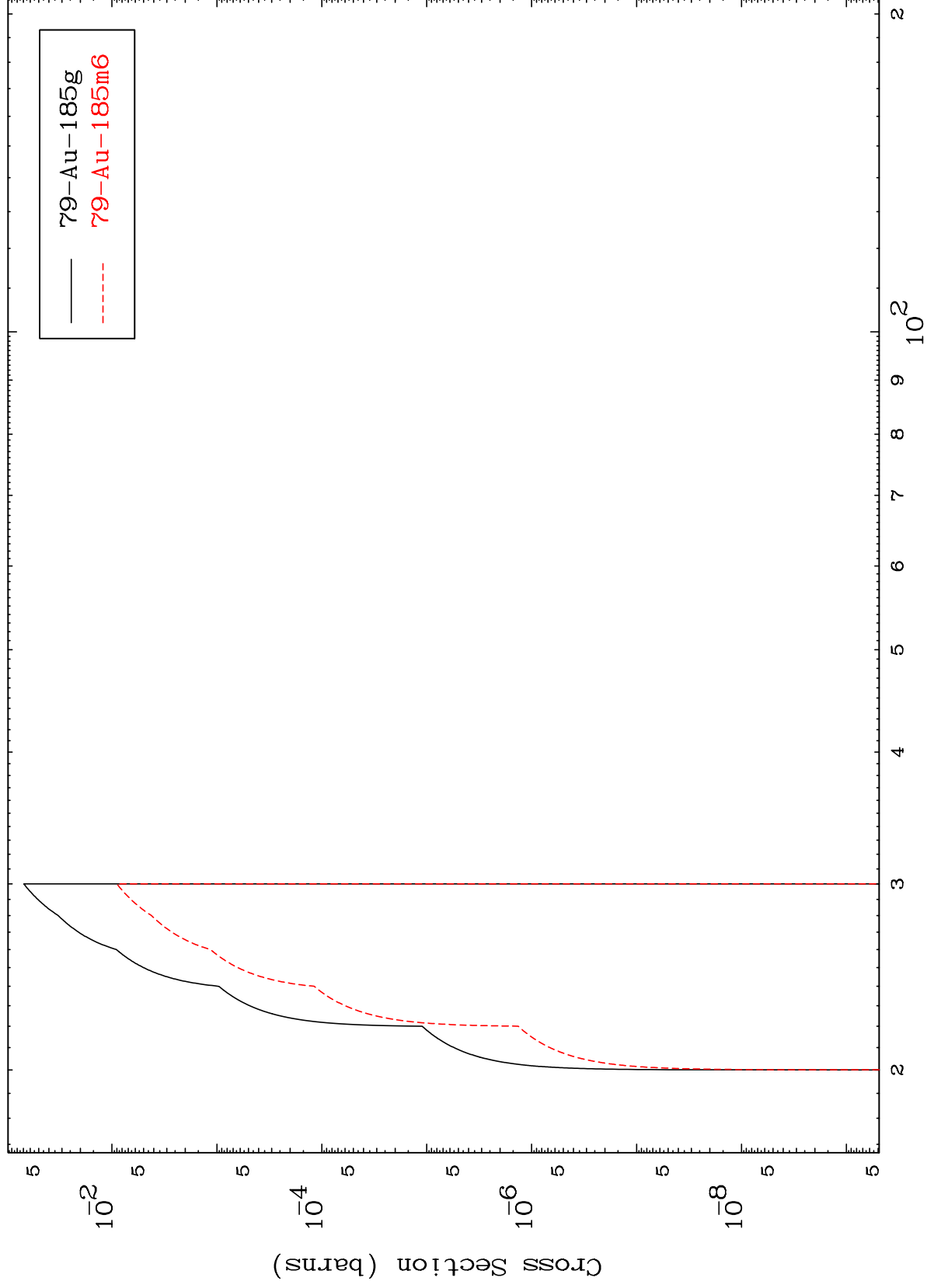
Incident Energy (MeV)

$^{79}\text{Au-187m}$

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⁷⁹Au-187m

(n,2n) p
Radionuclide Production Cross Section



18

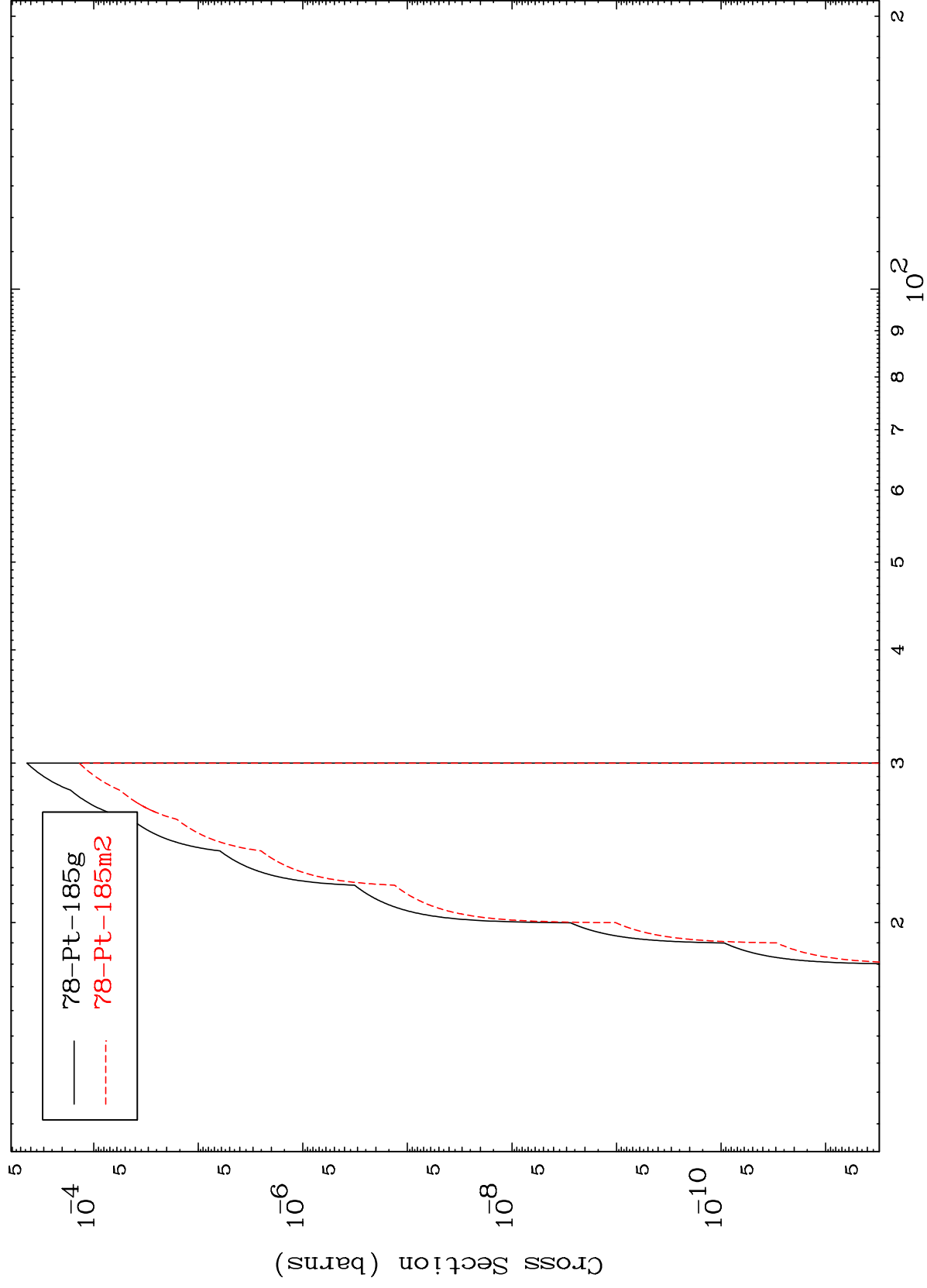
Incident Energy (MeV)

⁷⁹Au-187m

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$^{79}\text{Au-187m}$ (n,2n) p

Radionuclide Production Cross Section

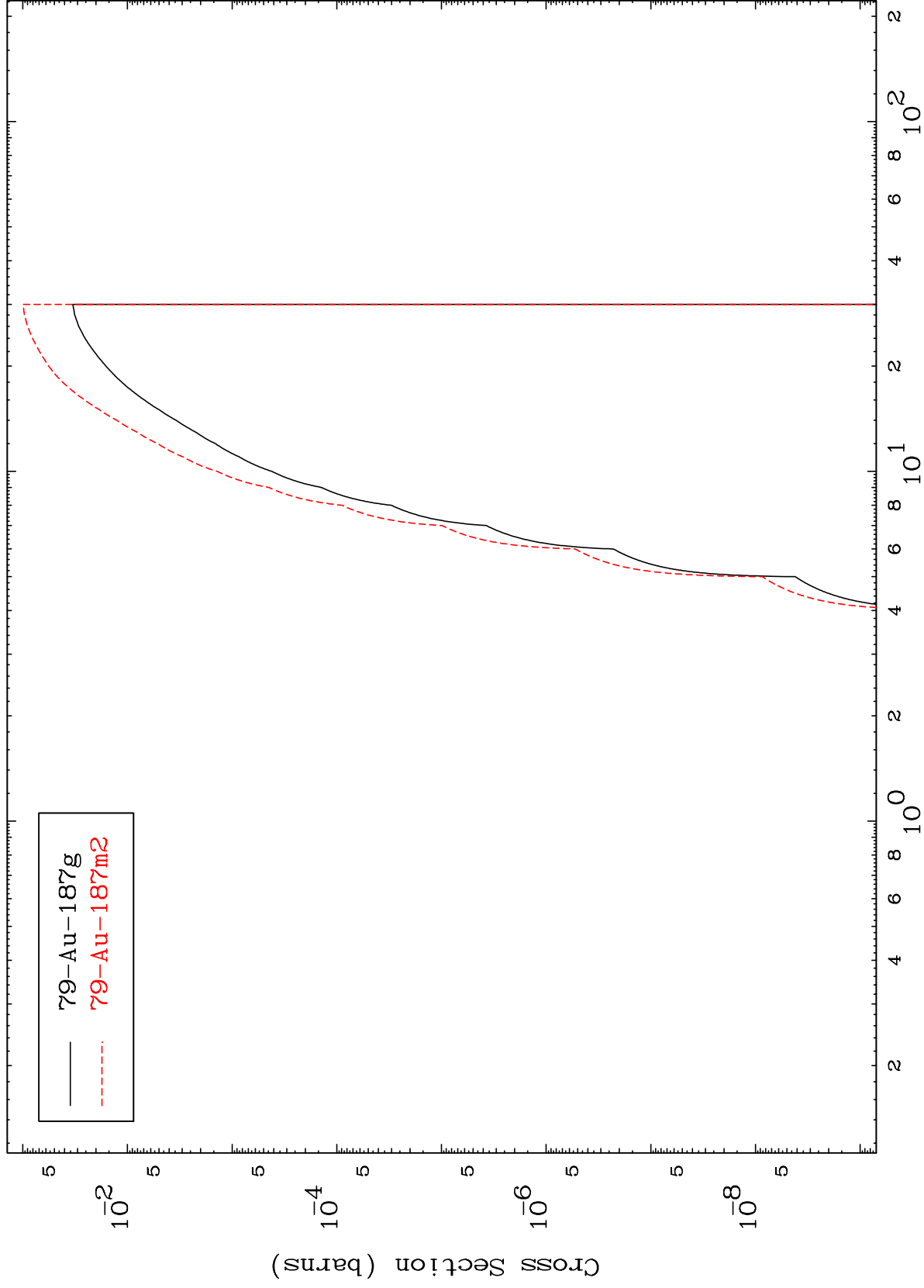


19

Incident Energy (MeV)

$^{79}\text{Au-187m}$

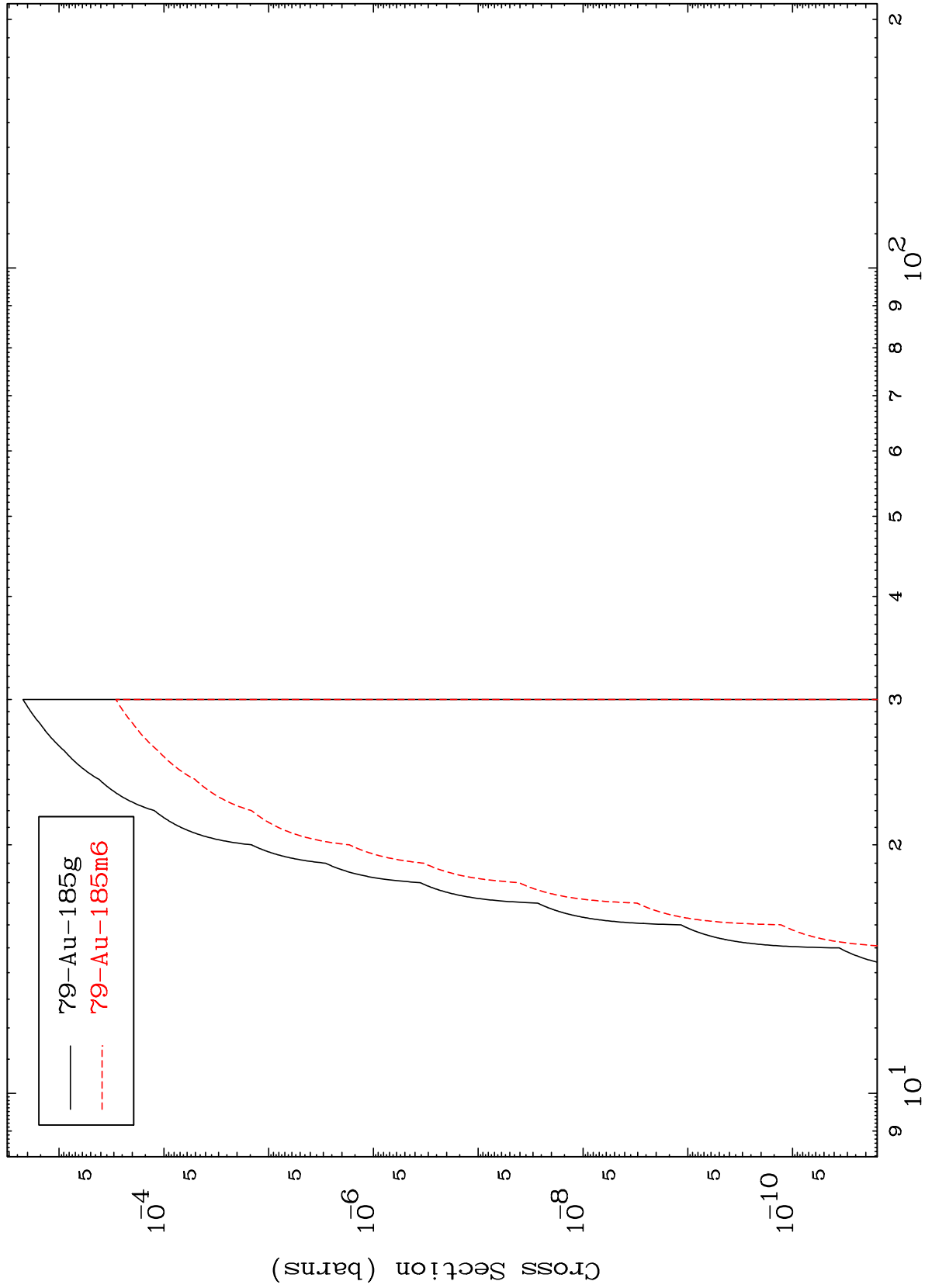
Radionuclide Production Cross Section (n,p)



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$^{79}\text{Au-187m}$

Radionuclide Production Cross Section



21

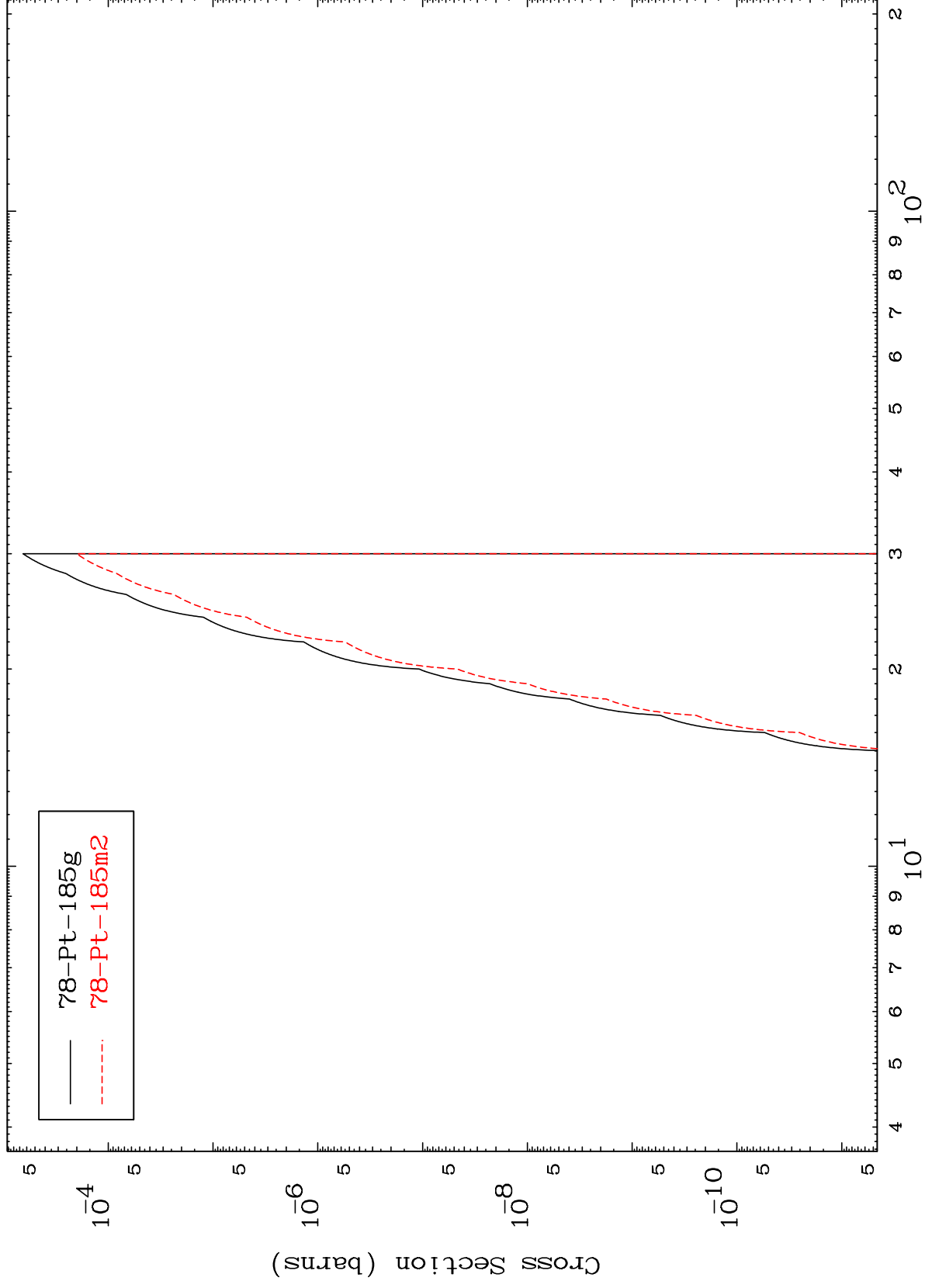
$^{79}\text{Au-187m}$

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(n,He-3)

⁷⁹Au-187m

Radionuclide Production Cross Section



Incident Energy (MeV)

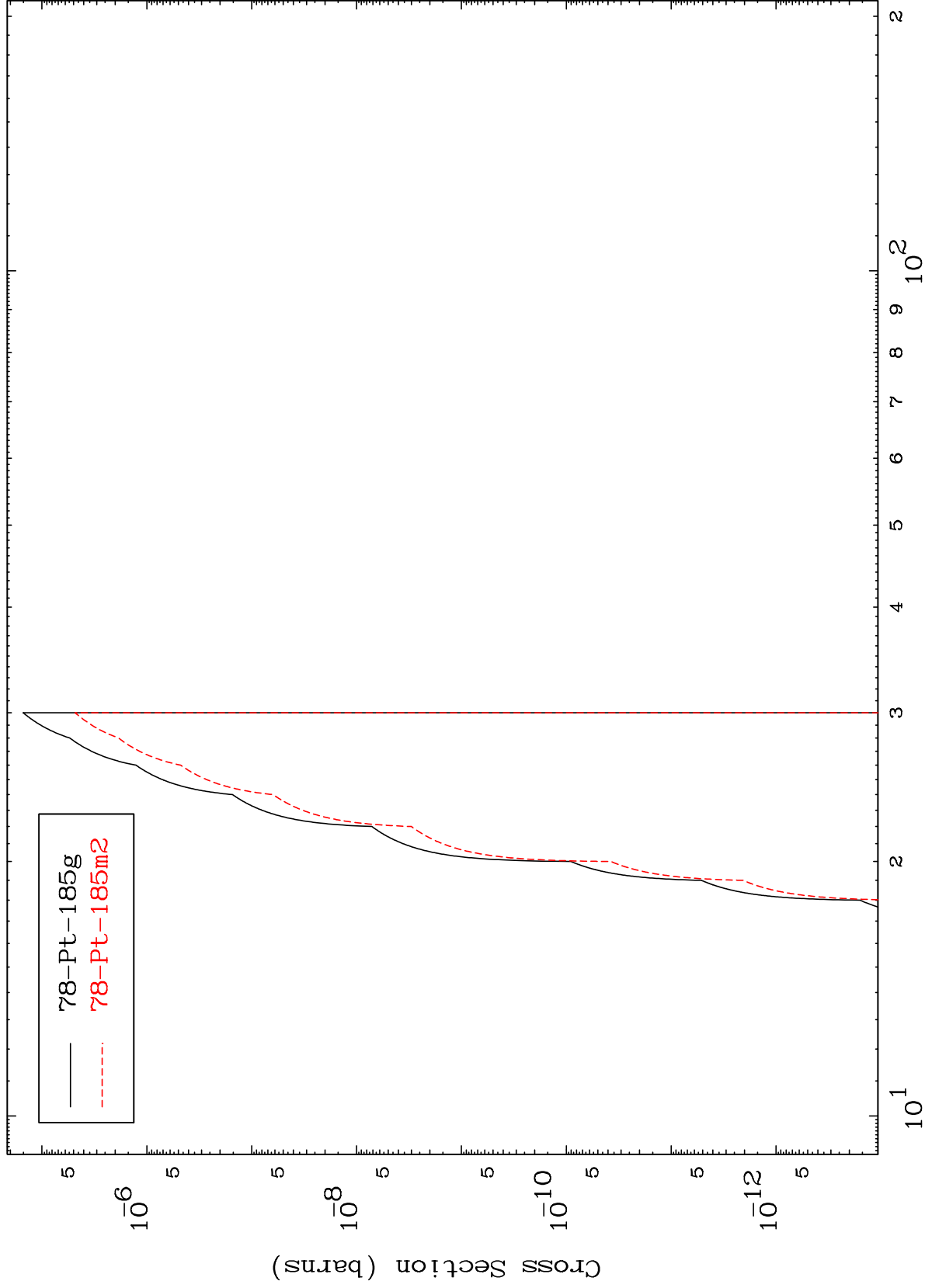
⁷⁹Au-187m

22

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$^{79}\text{Au-187m}$

(n,p) d
Radionuclide Production Cross Section



$^{79}\text{Au-187m}$

Incident Energy (MeV)

23