

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

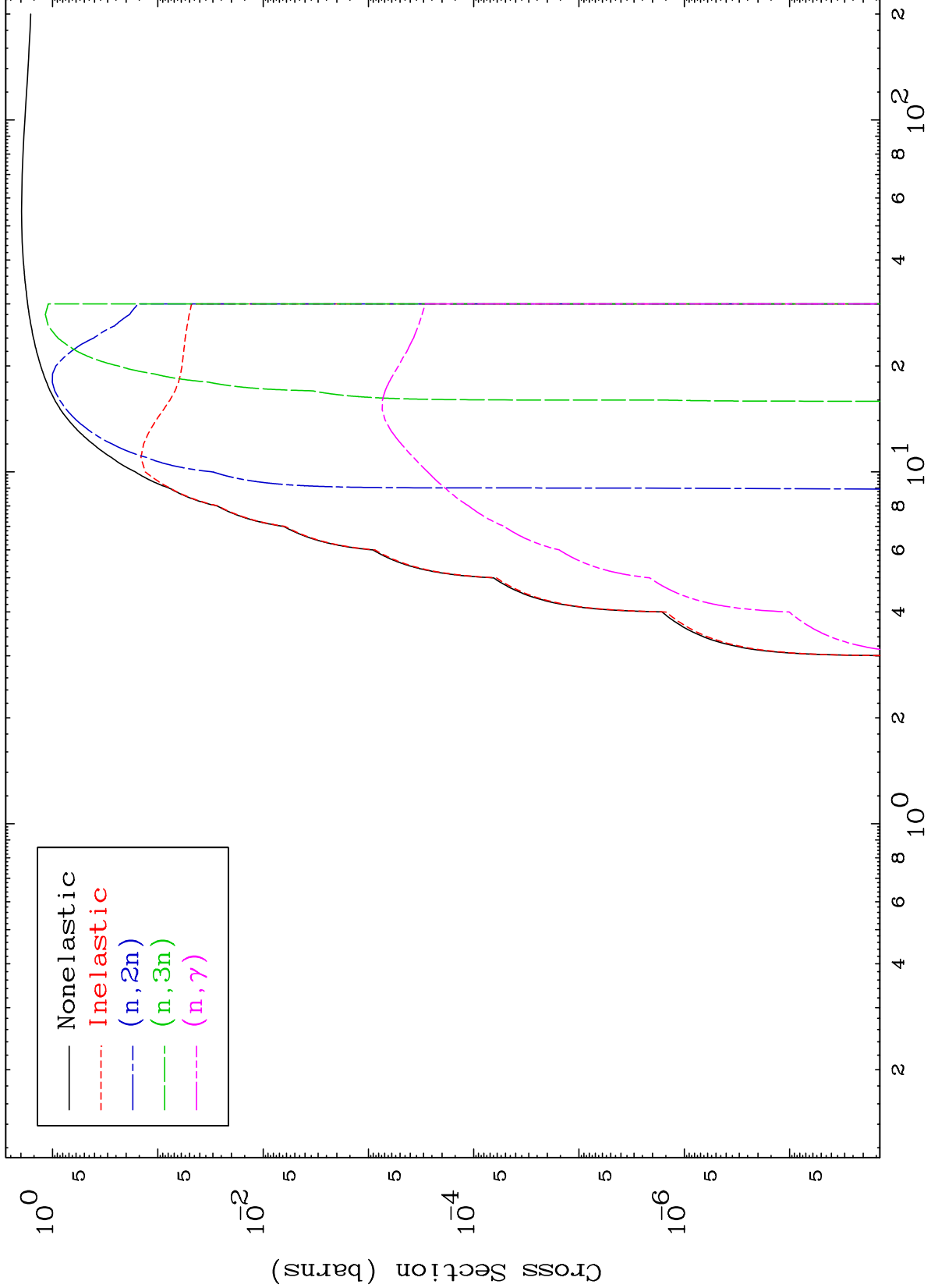
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

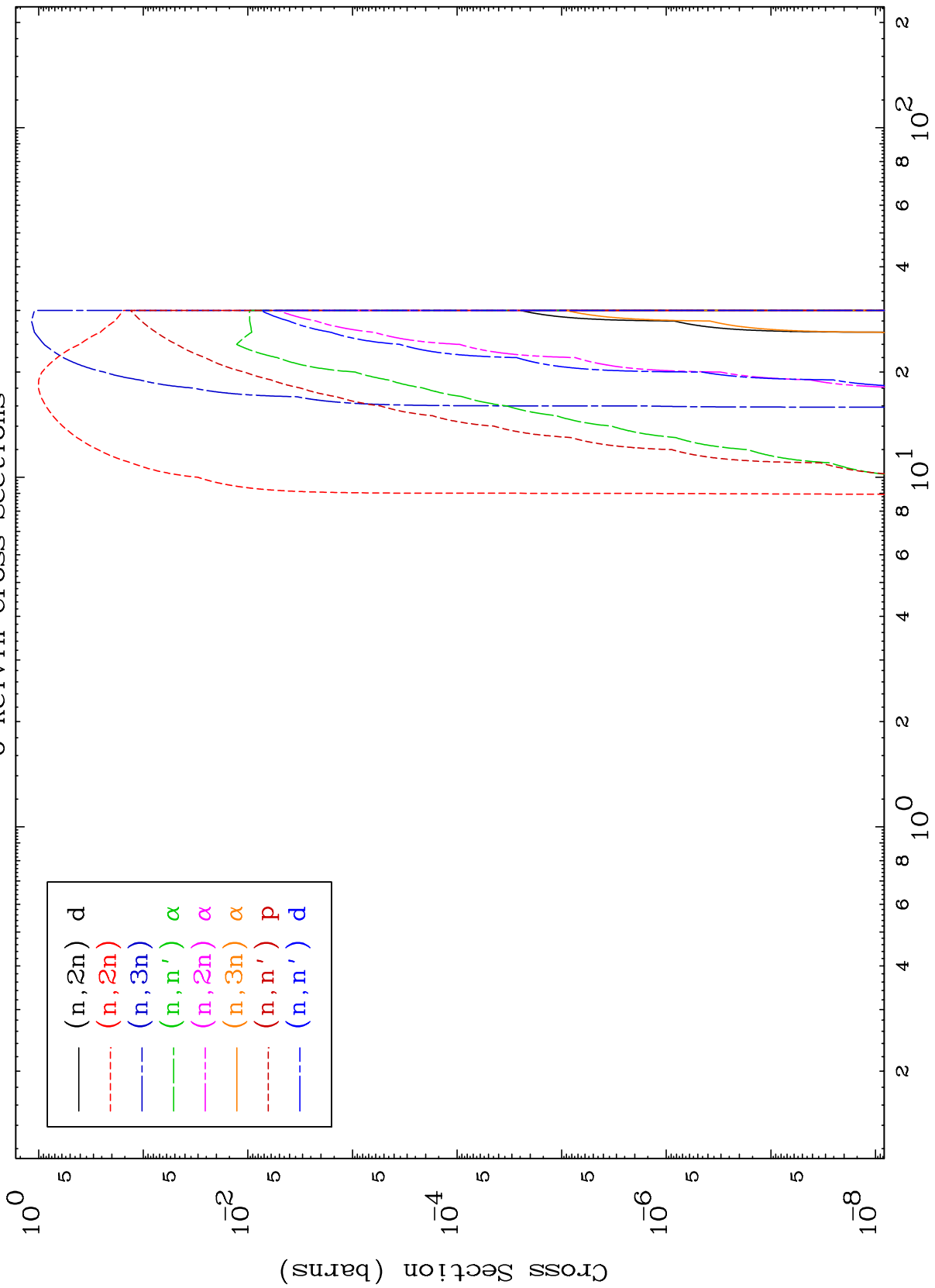
0 Kelvin Cross Sections



MAT 7923

Proton Neutron Absorption  
0 Kelvin Cross Sections

79-Au-196m



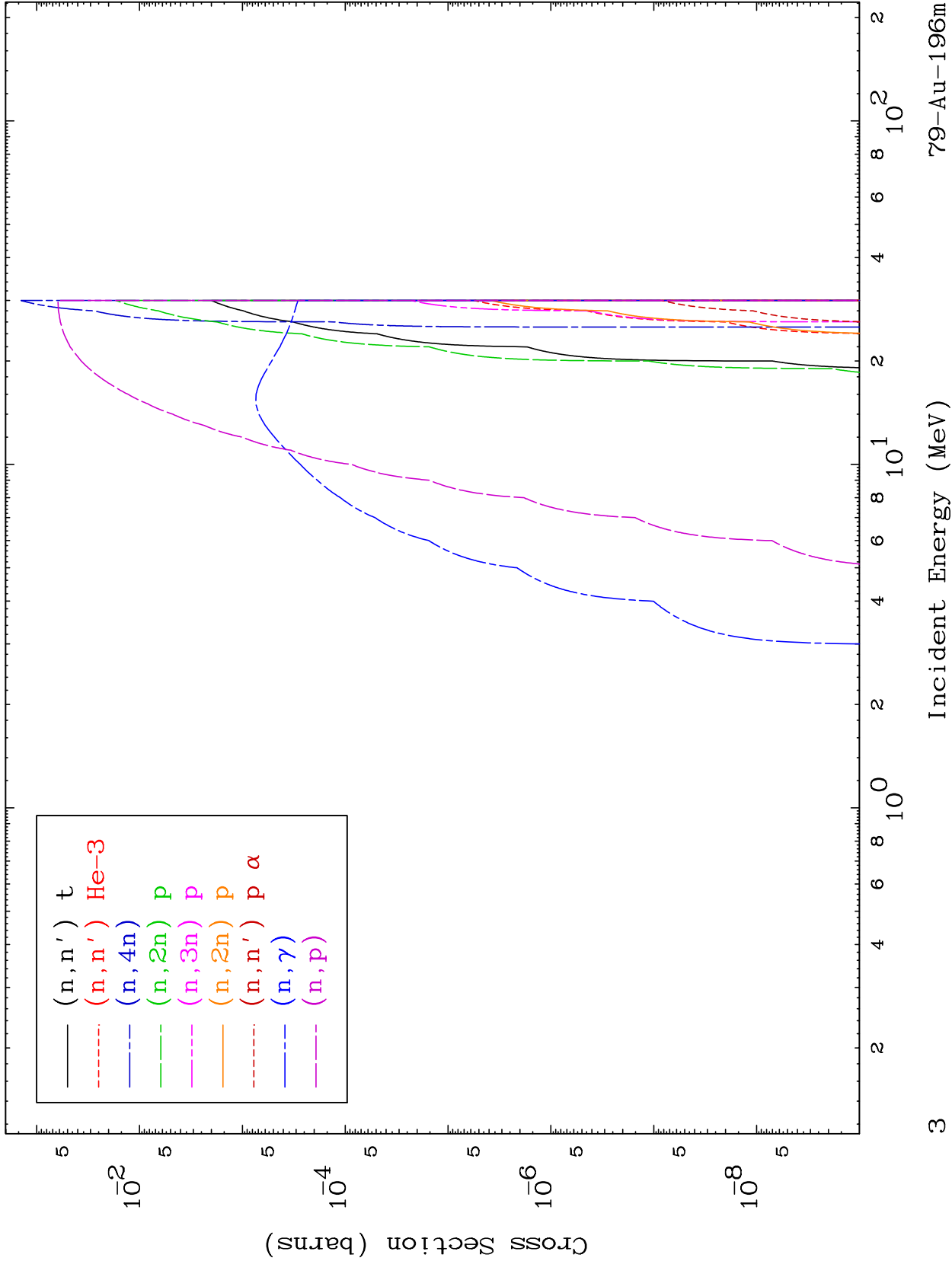
79-Au-196m

Incident Energy (MeV)

MAT 7923

Proton Neutron Absorption  
0 Kelvin Cross Sections

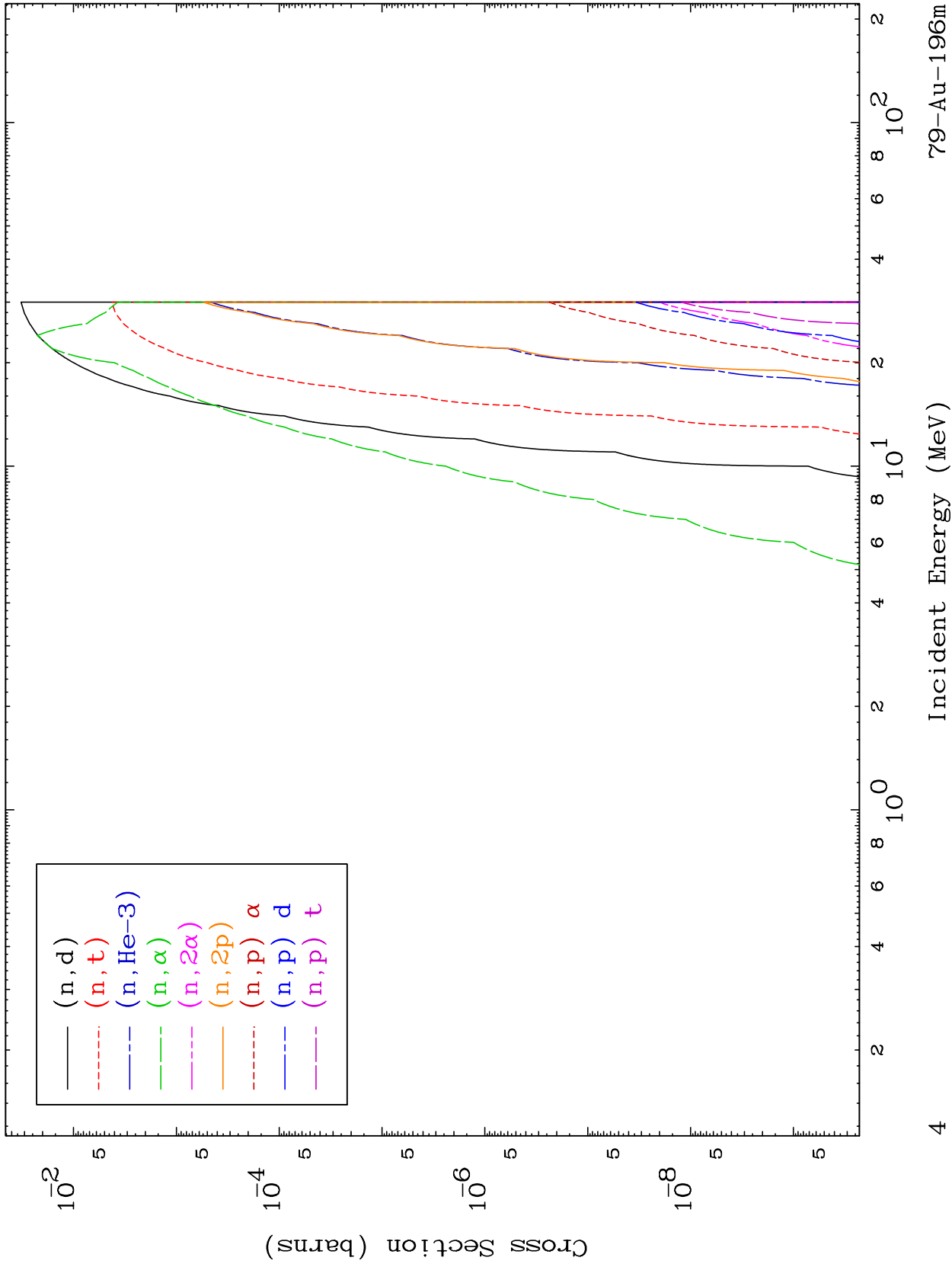
79-Au-196m



MAT 7923

Proton Neutron Absorption  
0 Kelvin Cross Sections

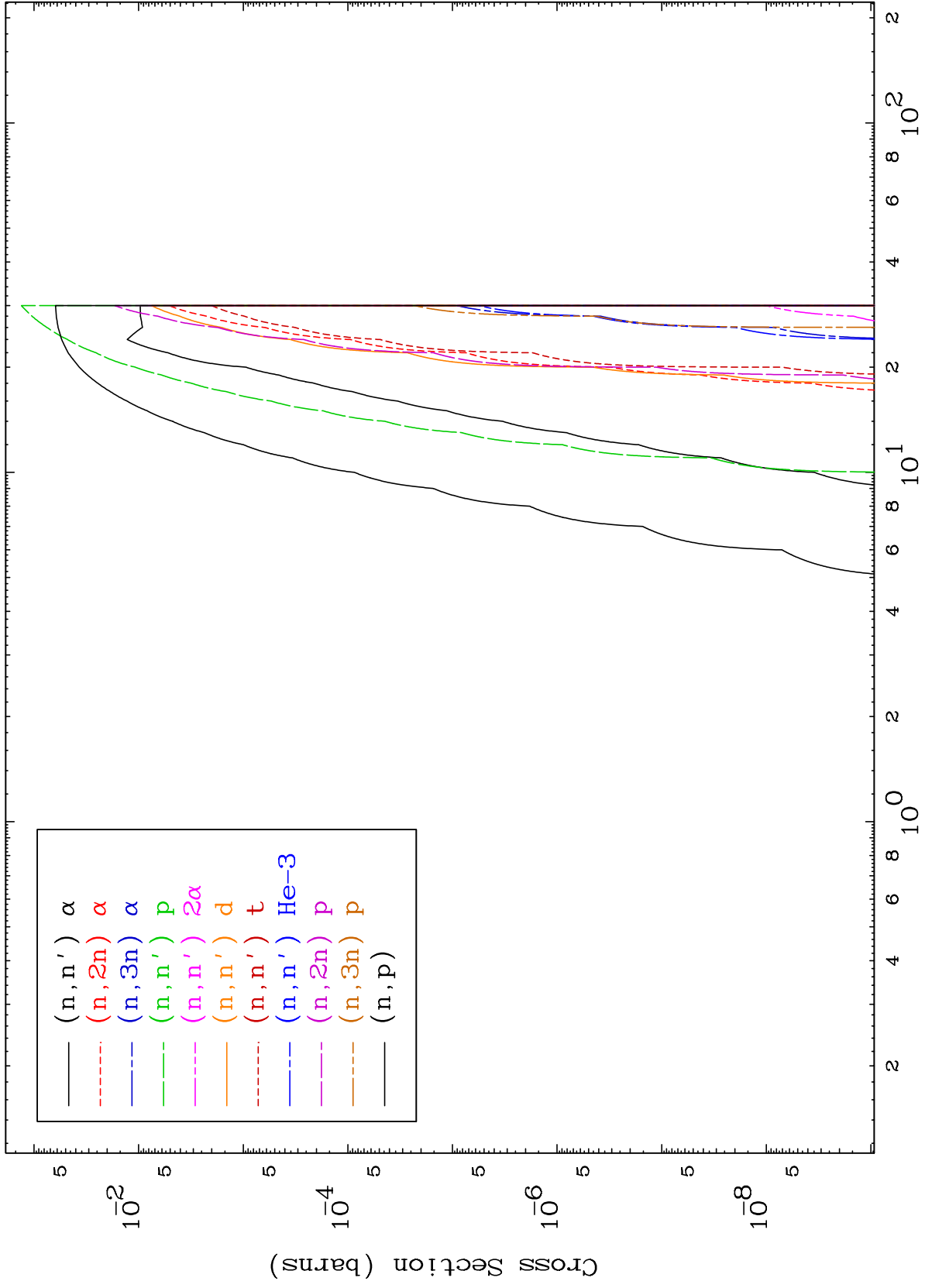
79-Au-196m



MAT 7923

Proton Charged Particle  
0 Kelvin Cross Sections

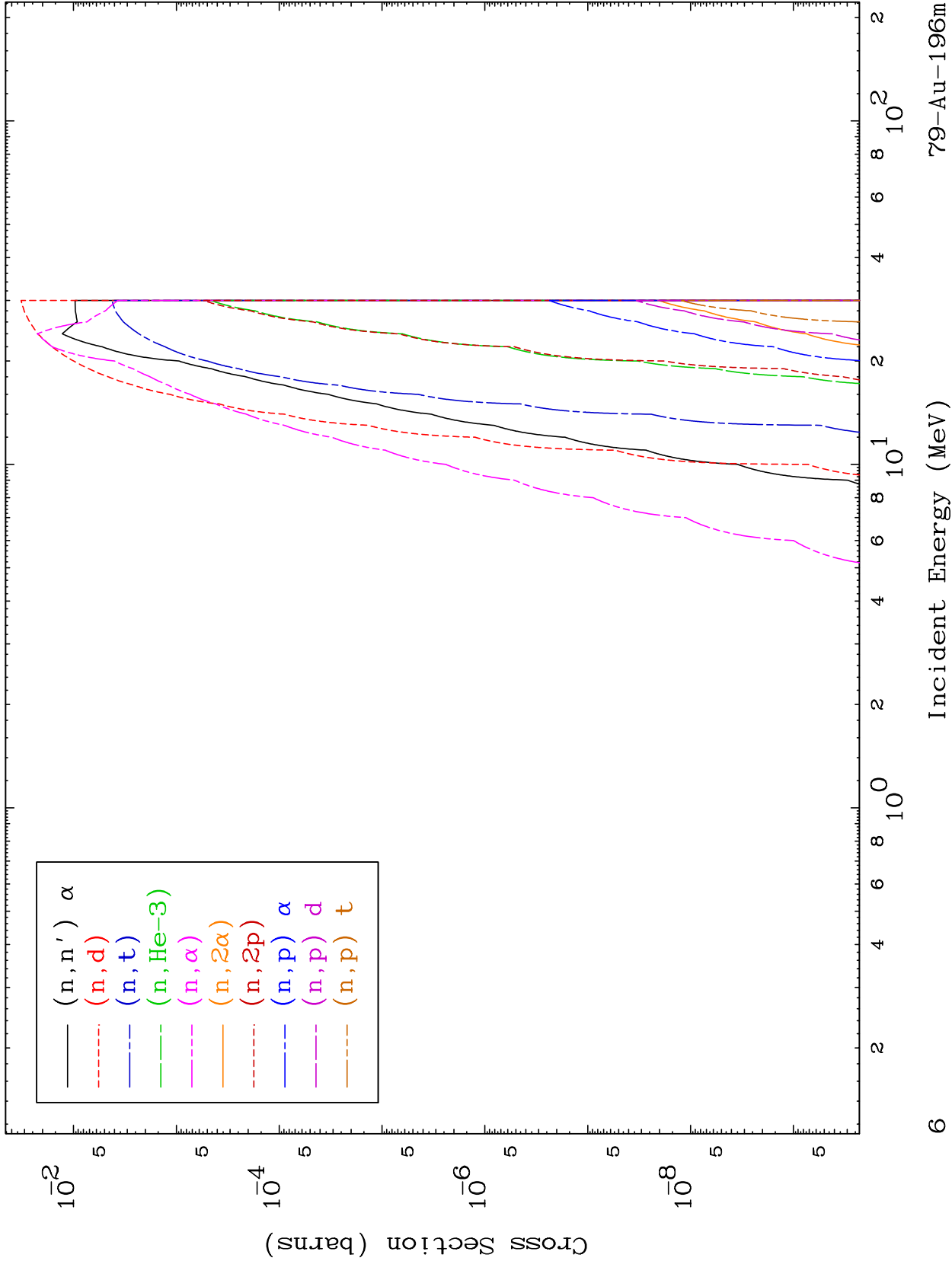
79-Au-196m



MAT 7923

Proton Charged Particle  
0 Kelvin Cross Sections

79-Au-196m

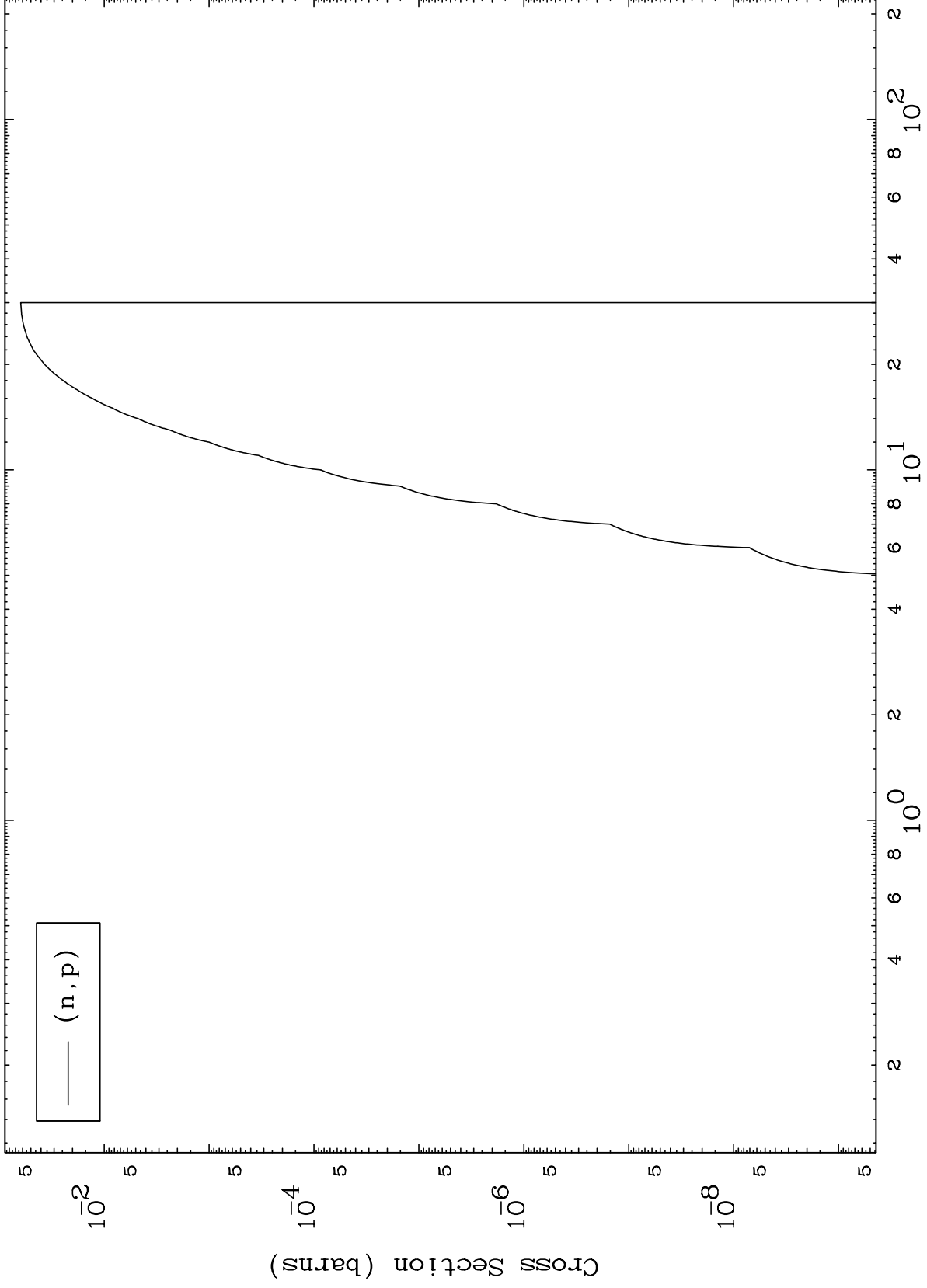


MAT 7923

(p,p) Levels

79-Au-196m

0 Kelvin Cross Sections

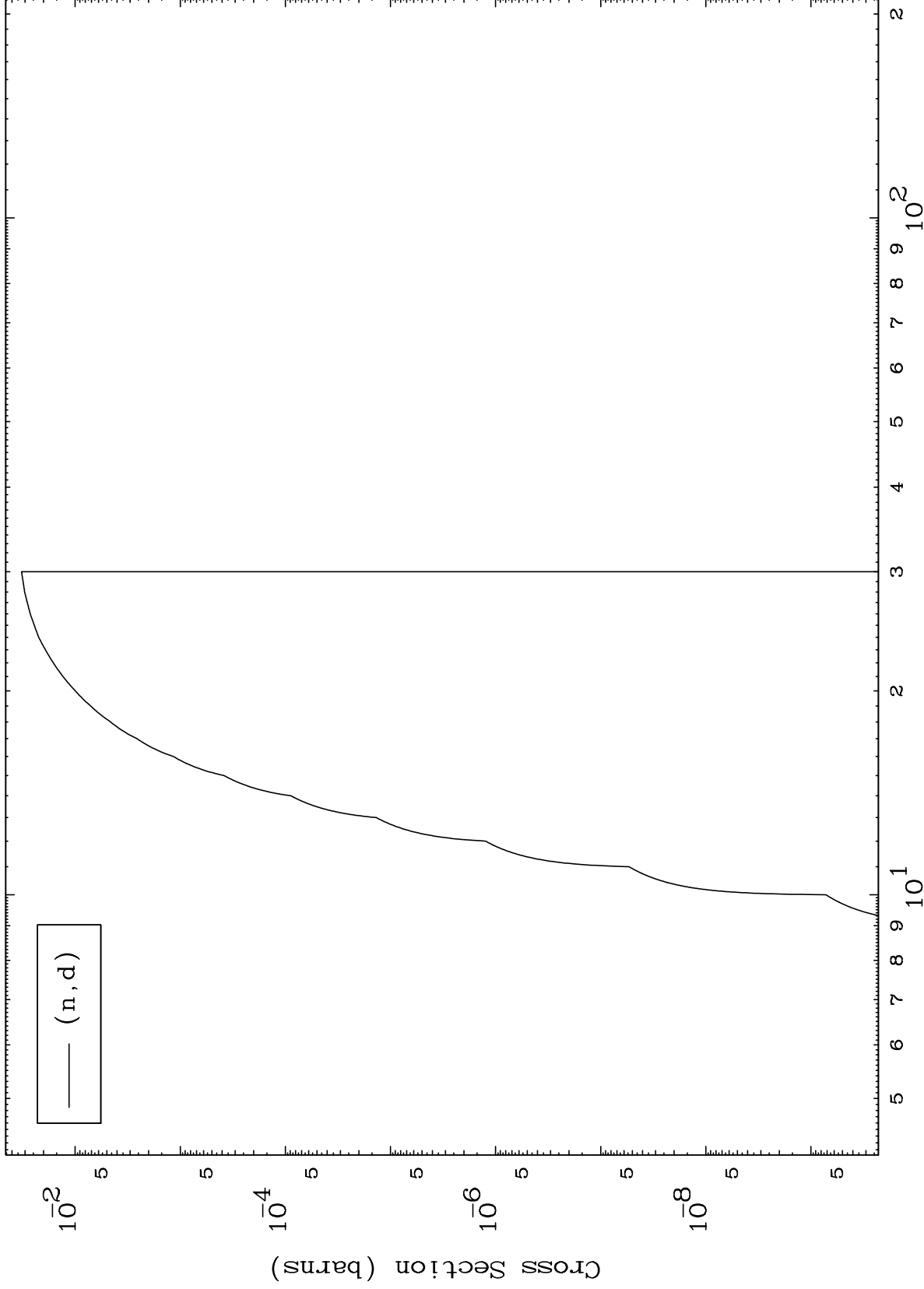




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(p,d) Levels  
0 Kelvin Cross Sections

79-Au-196m



8

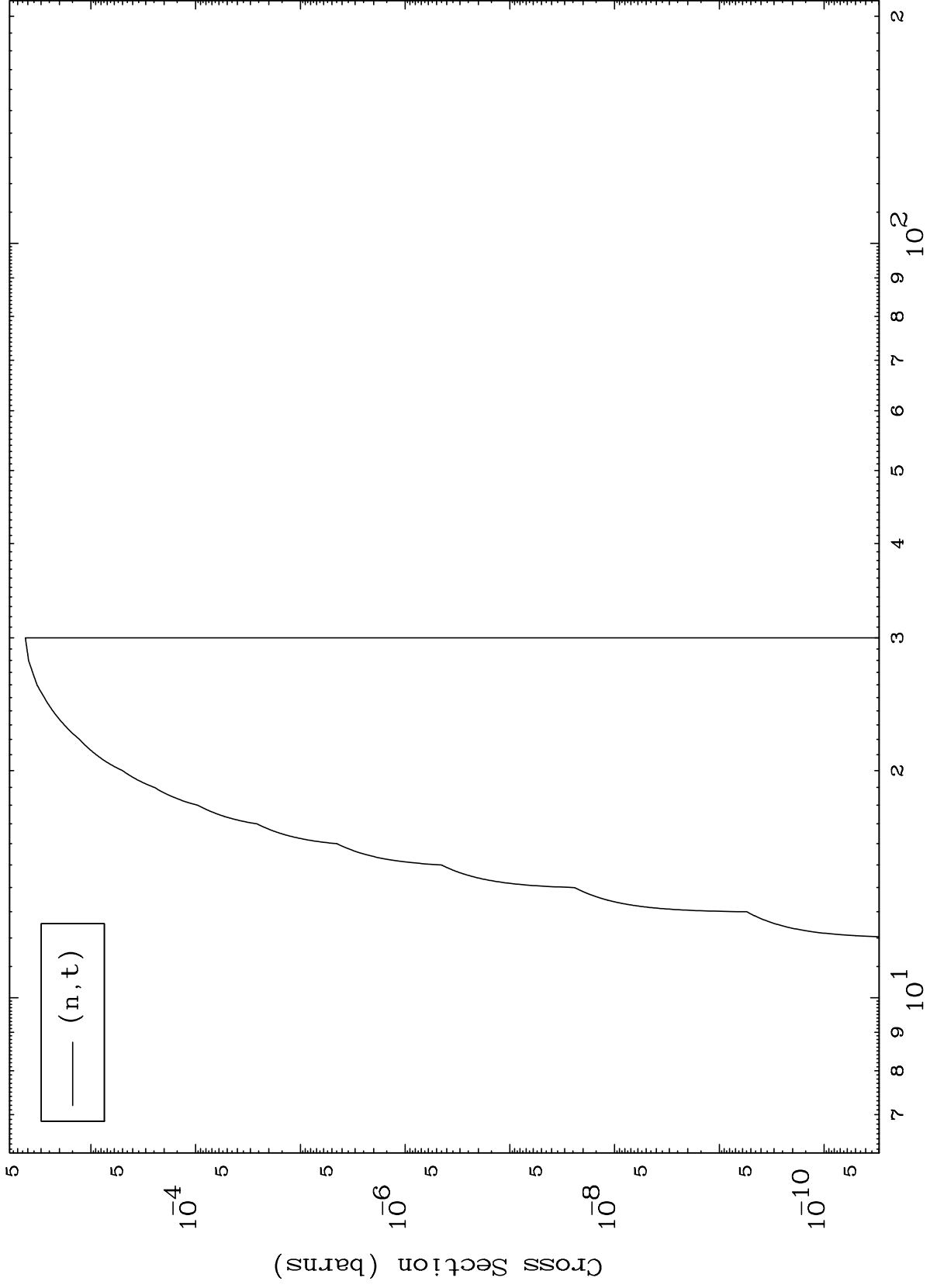
Incident Energy (MeV)

79-Au-196m

MAT 7923

(p, t) Levels  
0 Kelvin Cross Sections

79-Au-196m



9

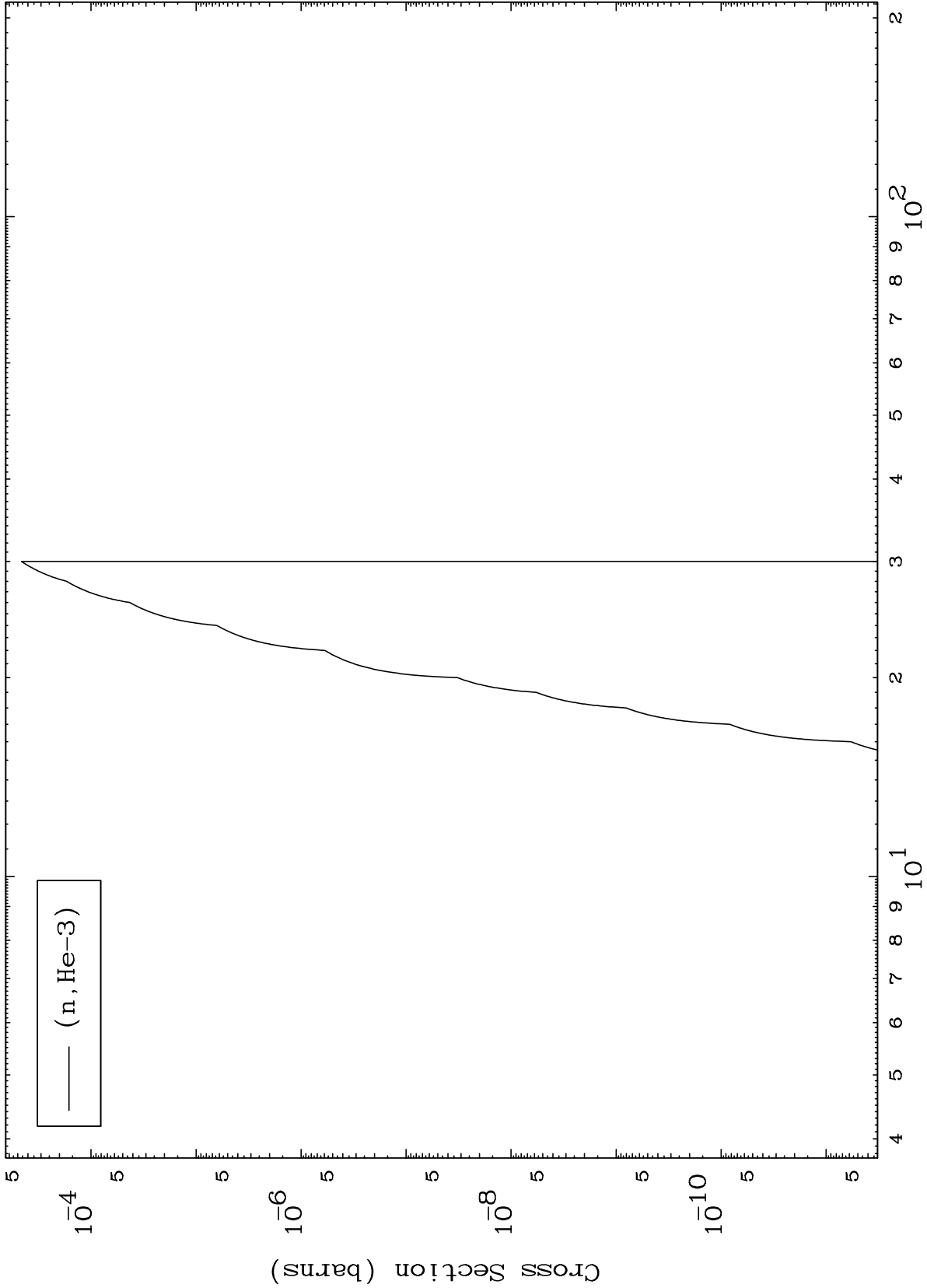
Incident Energy (MeV)

79-Au-196m

MAT 7923

(p,He3) Levels  
0 Kelvin Cross Sections

79-Au-196m



10

Incident Energy (MeV)

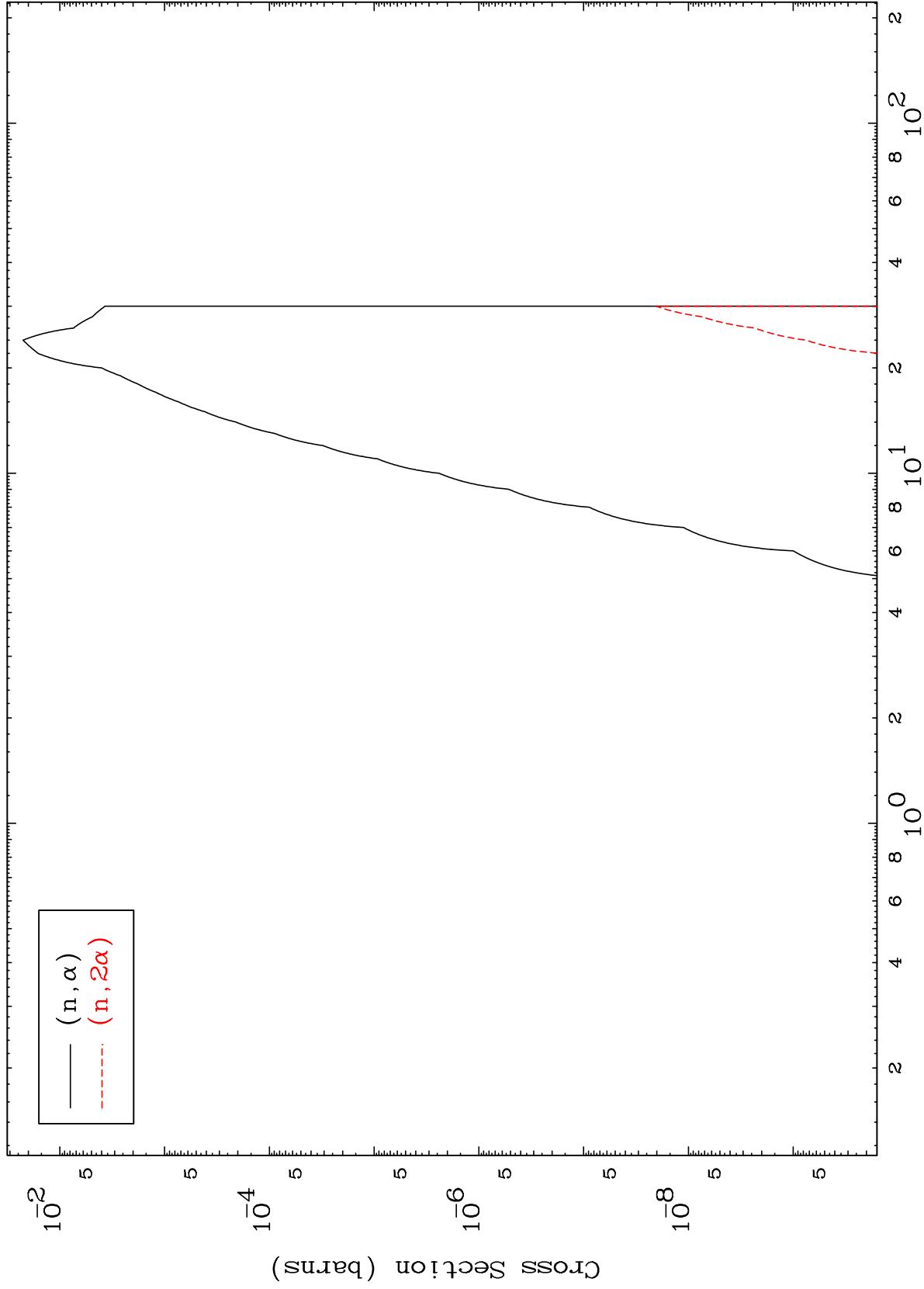
79-Au-196m

MAT 7923

(p,  $\alpha$ ) Levels

<sup>79</sup>Au-196m

0 Kelvin Cross Sections

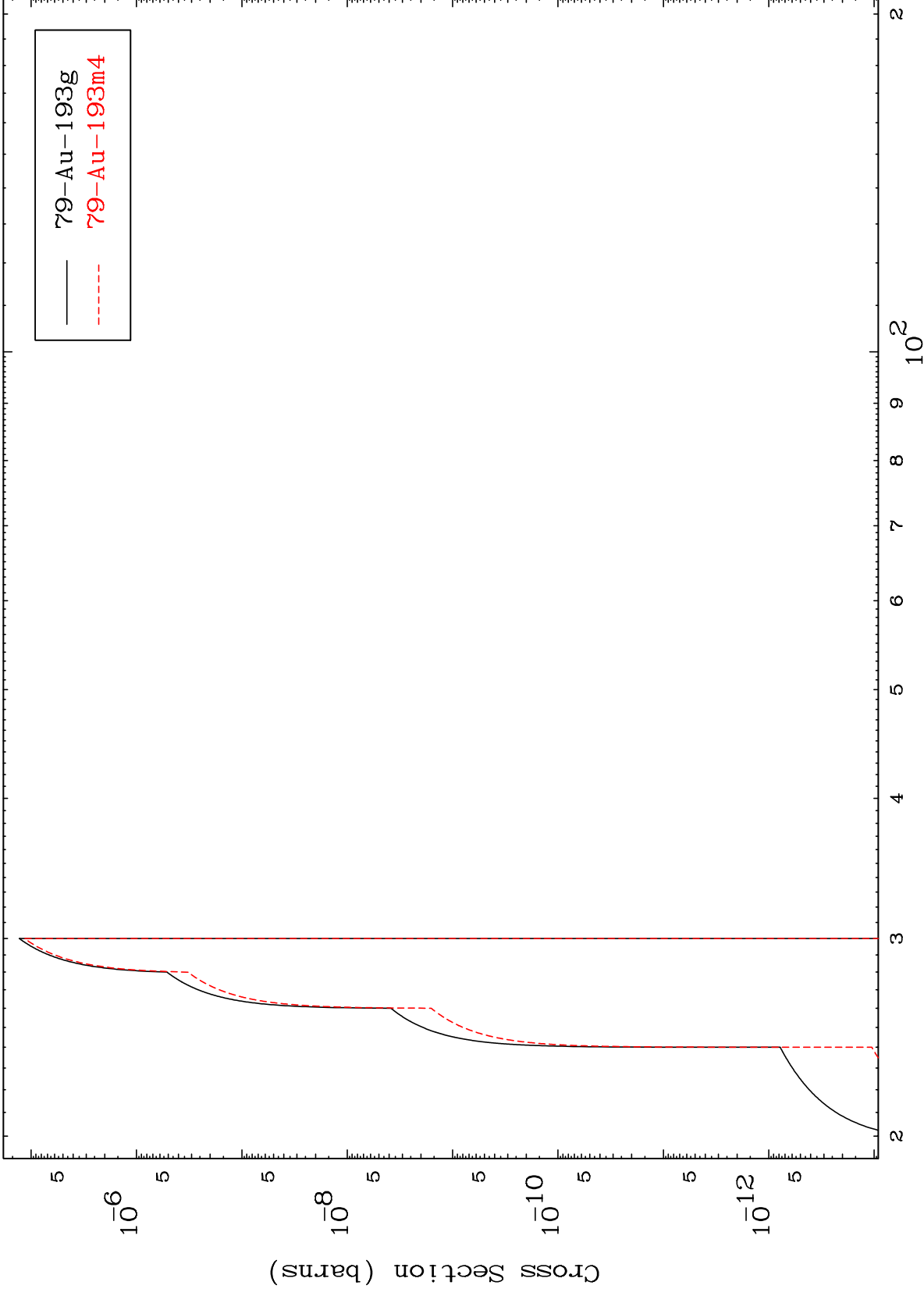


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(n,2n) d

79-Au-196m

Radionuclide Production Cross Section



12

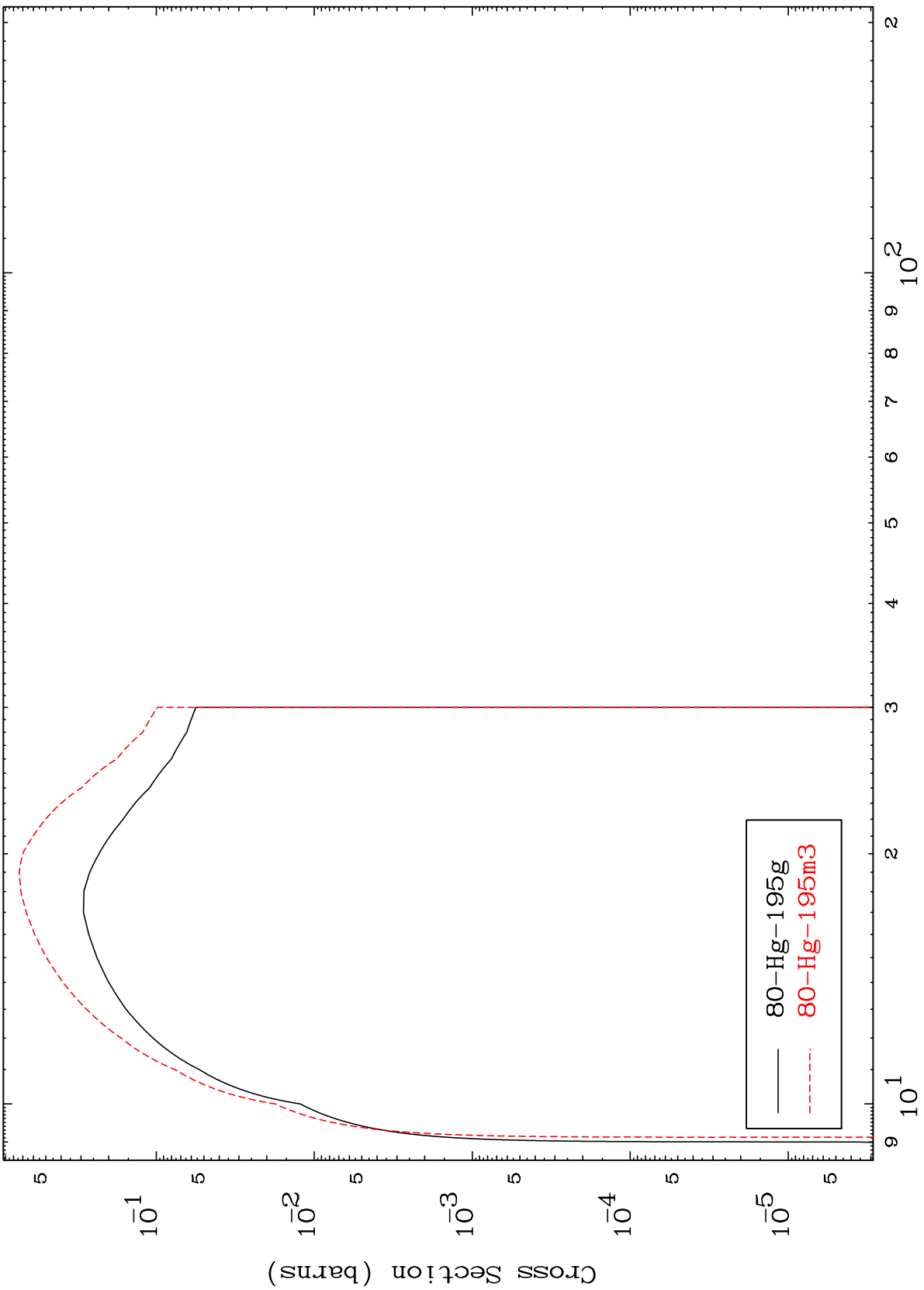
Incident Energy (MeV)

79-Au-196m

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79-Au-196m

Radionuclide Production Cross Section (n,2n)



80-Hg-195g  
80-Hg-195m3

79-Au-196m

Incident Energy (MeV)

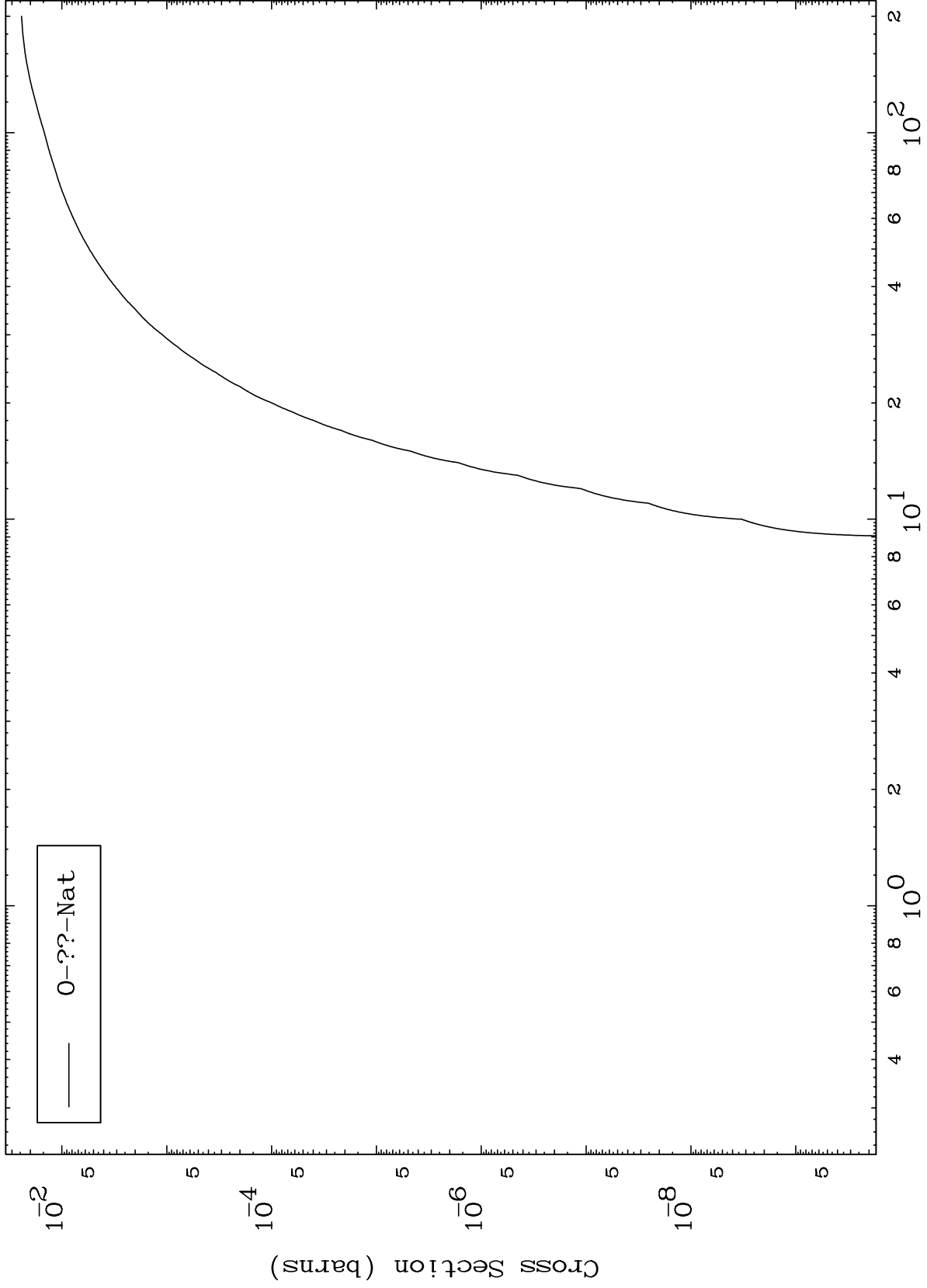
13

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Fission

<sup>79</sup>Au-196m

Radionuclide Production Cross Section



14

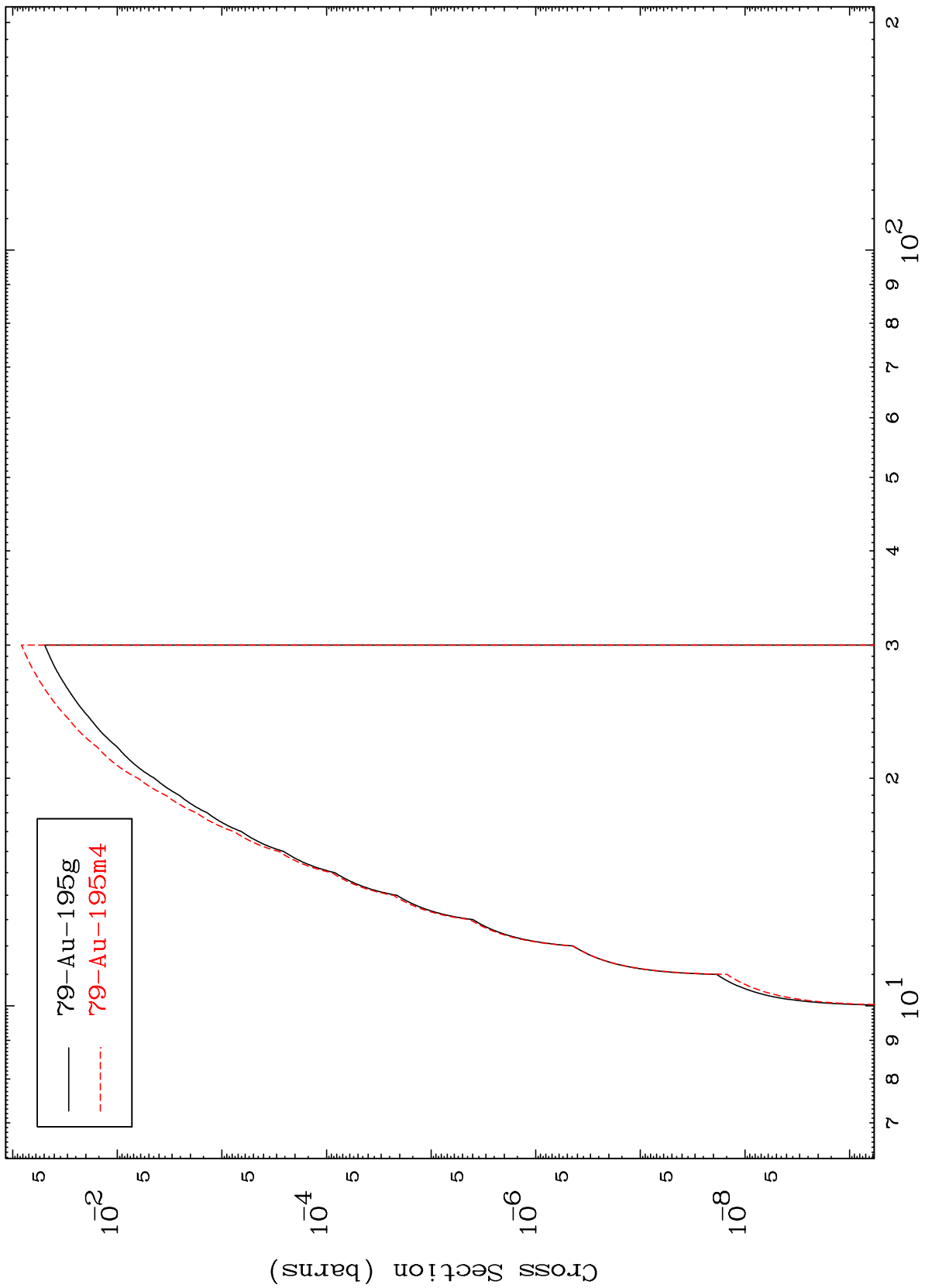
Incident Energy (MeV)

<sup>79</sup>Au-196m

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79-Au-196m

(n,n') p  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-196m

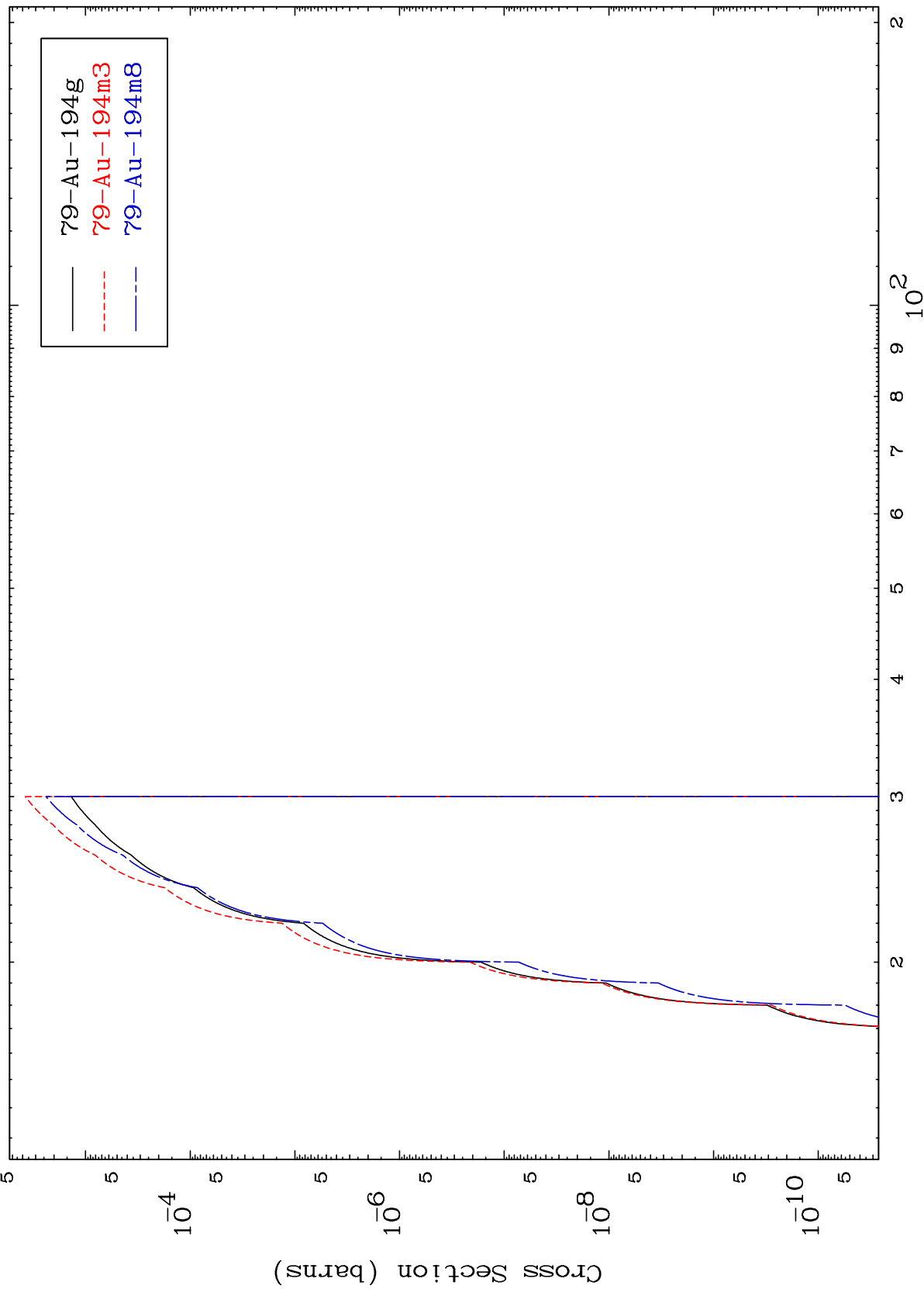


MAT 7923

(n,n') d

79-Au-196m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

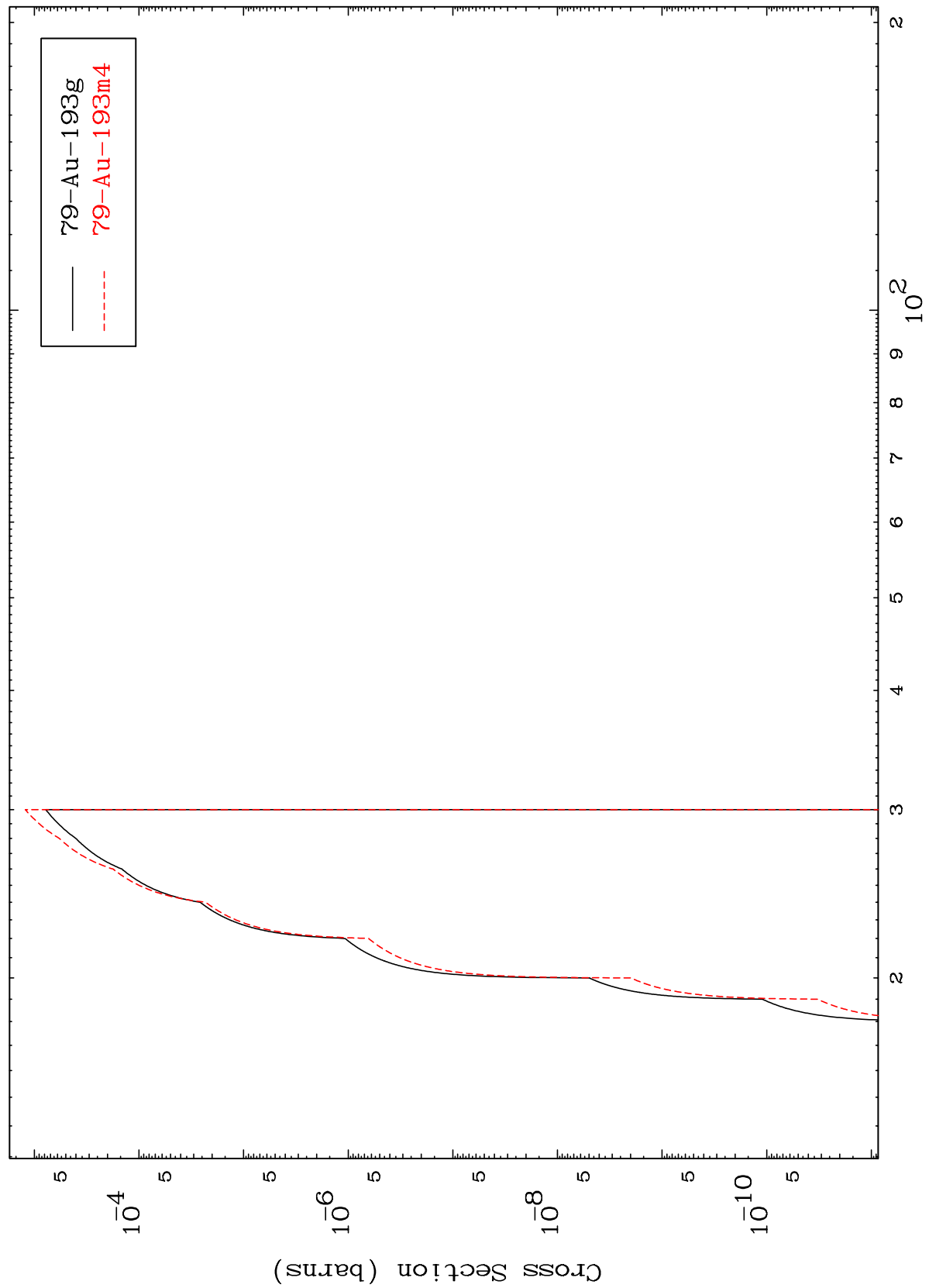
79-Au-196m

MAT 7923

(n,n') t

<sup>79</sup>Au-196m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

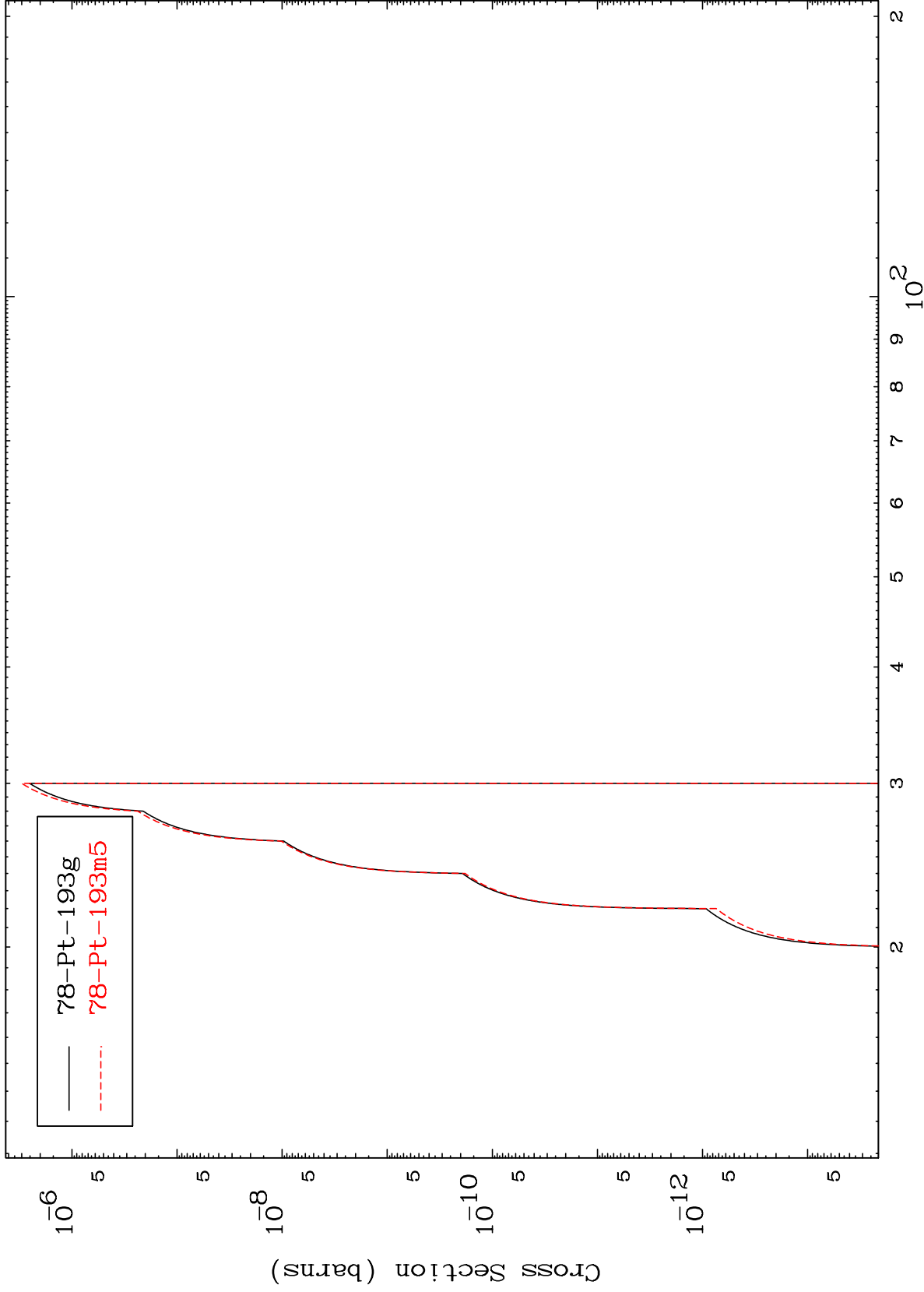
<sup>79</sup>Au-196m

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(n,n') He-3

79-Au-196m

Radionuclide Production Cross Section

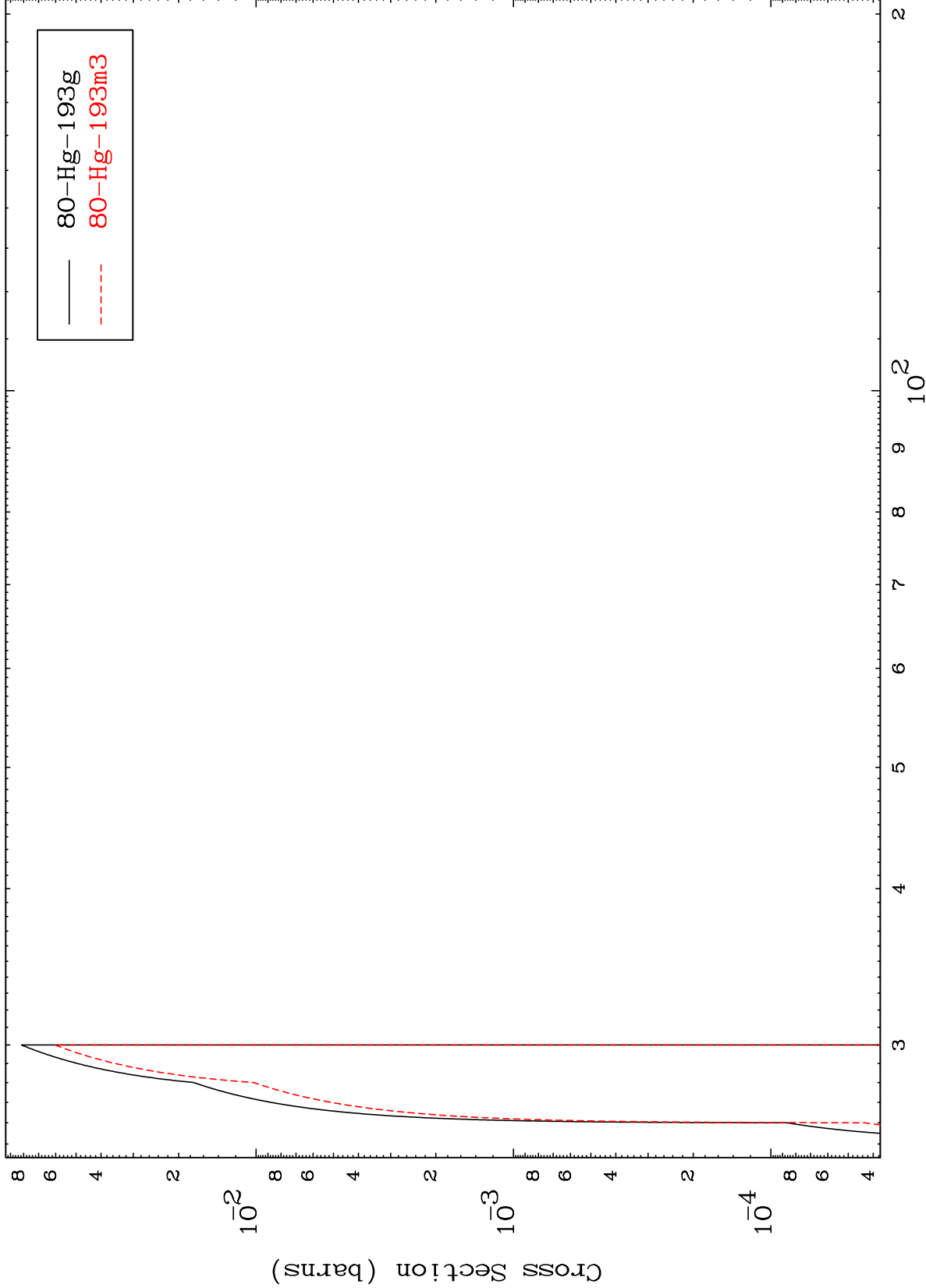


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(n,4n)

79-Au-196m

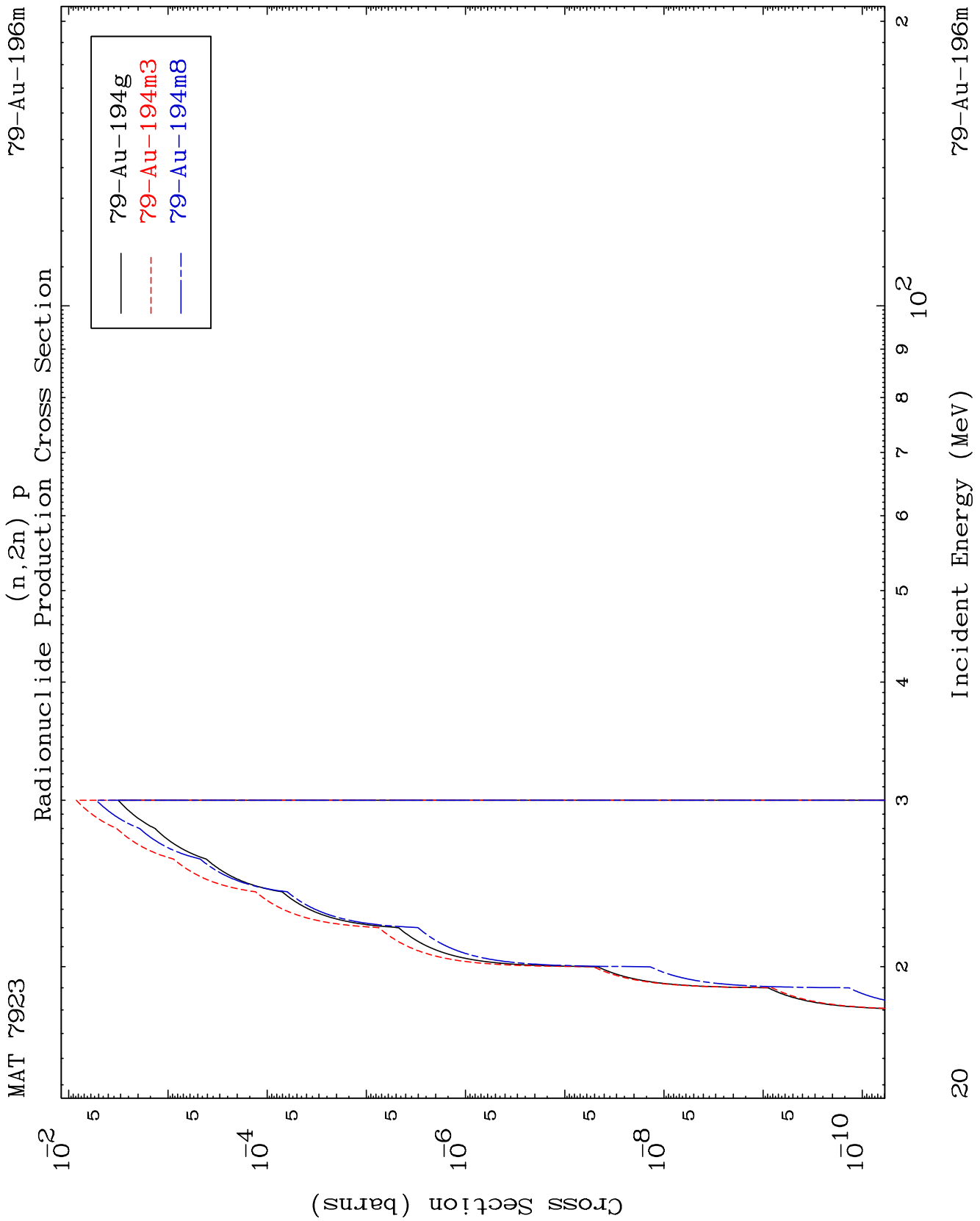
Radionuclide Production Cross Section



19

Incident Energy (MeV)

79-Au-196m

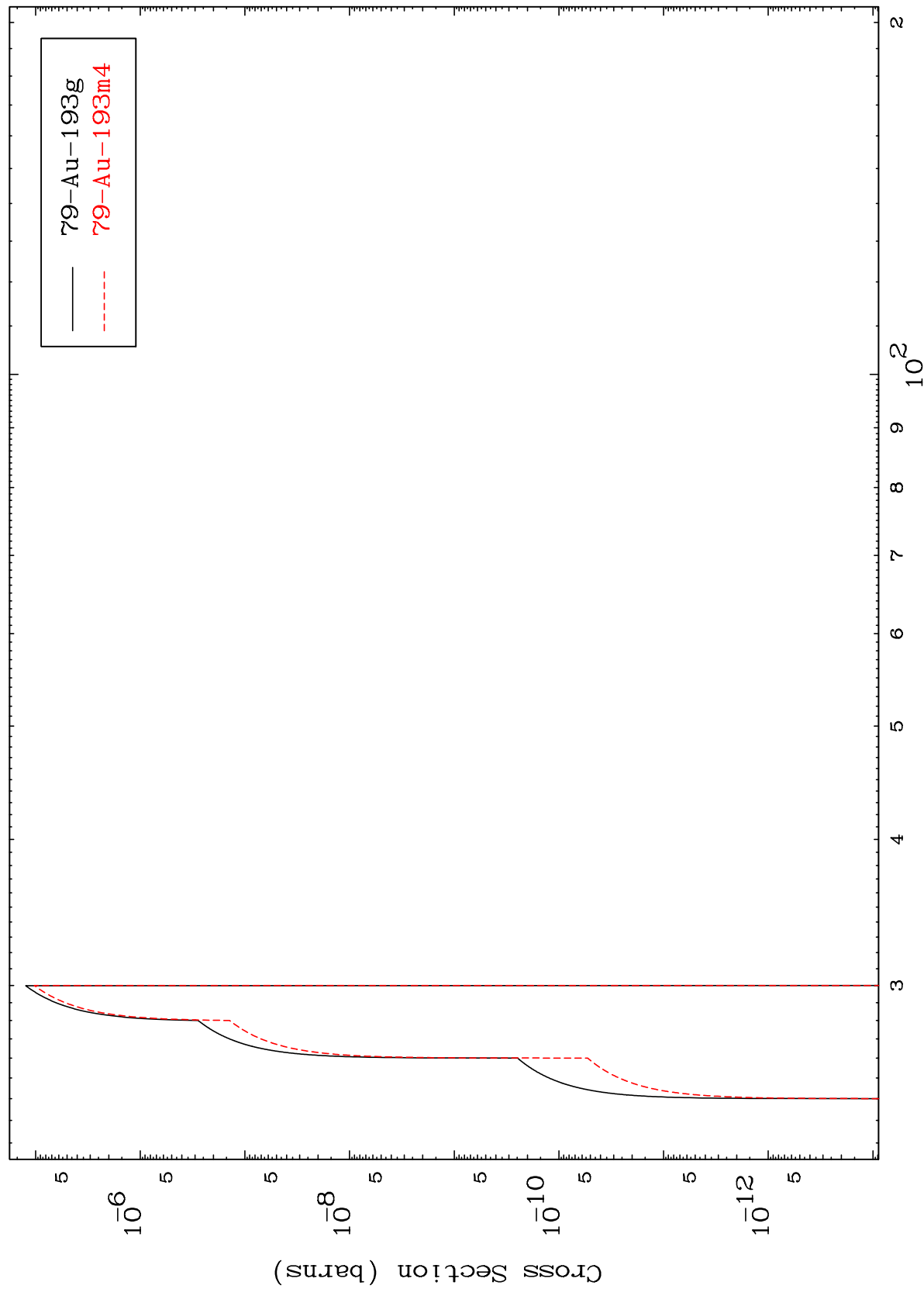


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(n,3n) p

79-Au-196m

Radionuclide Production Cross Section

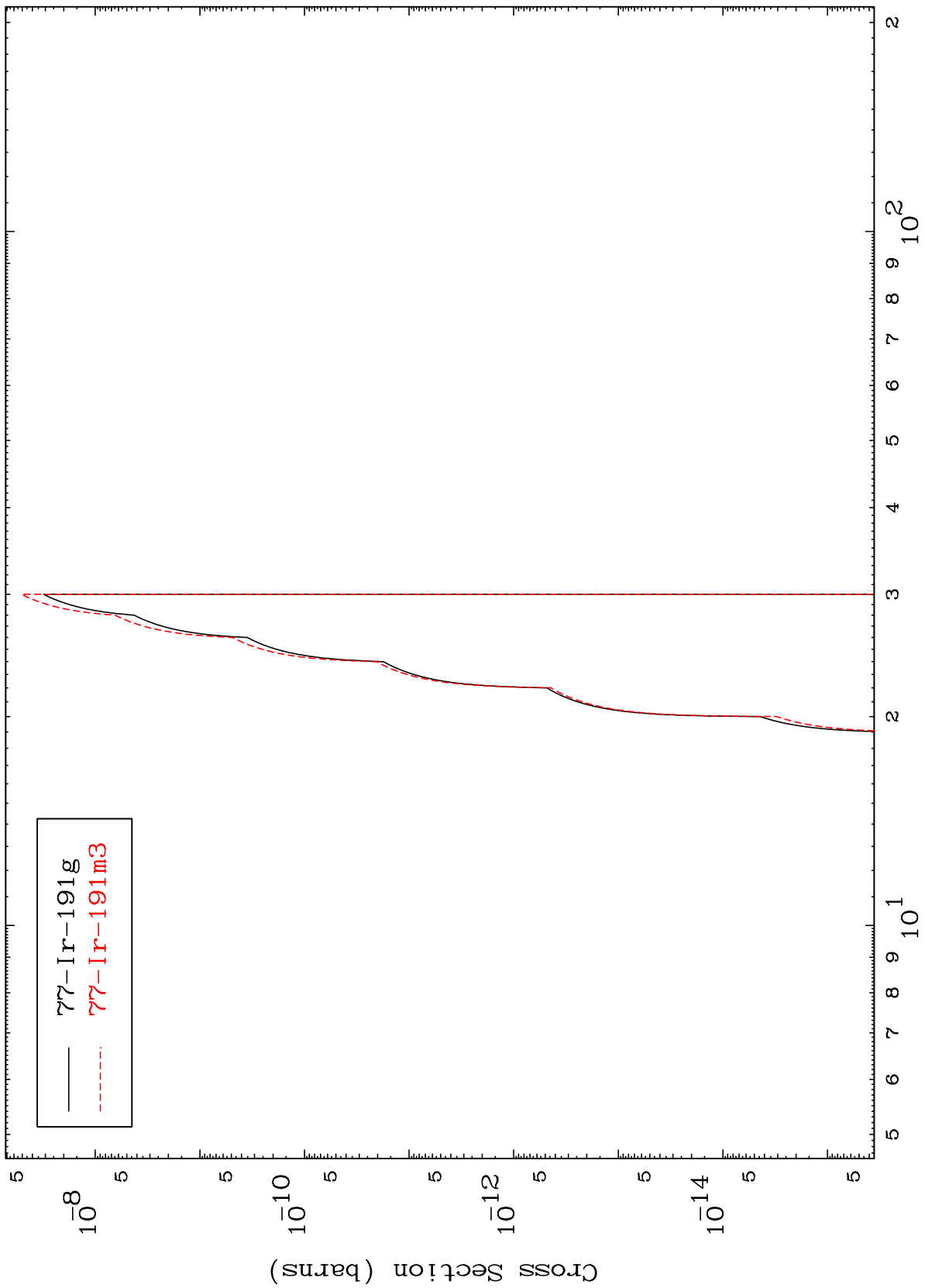


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(n,n') p  $\alpha$

79-Au-196m

Radionuclide Production Cross Section



22

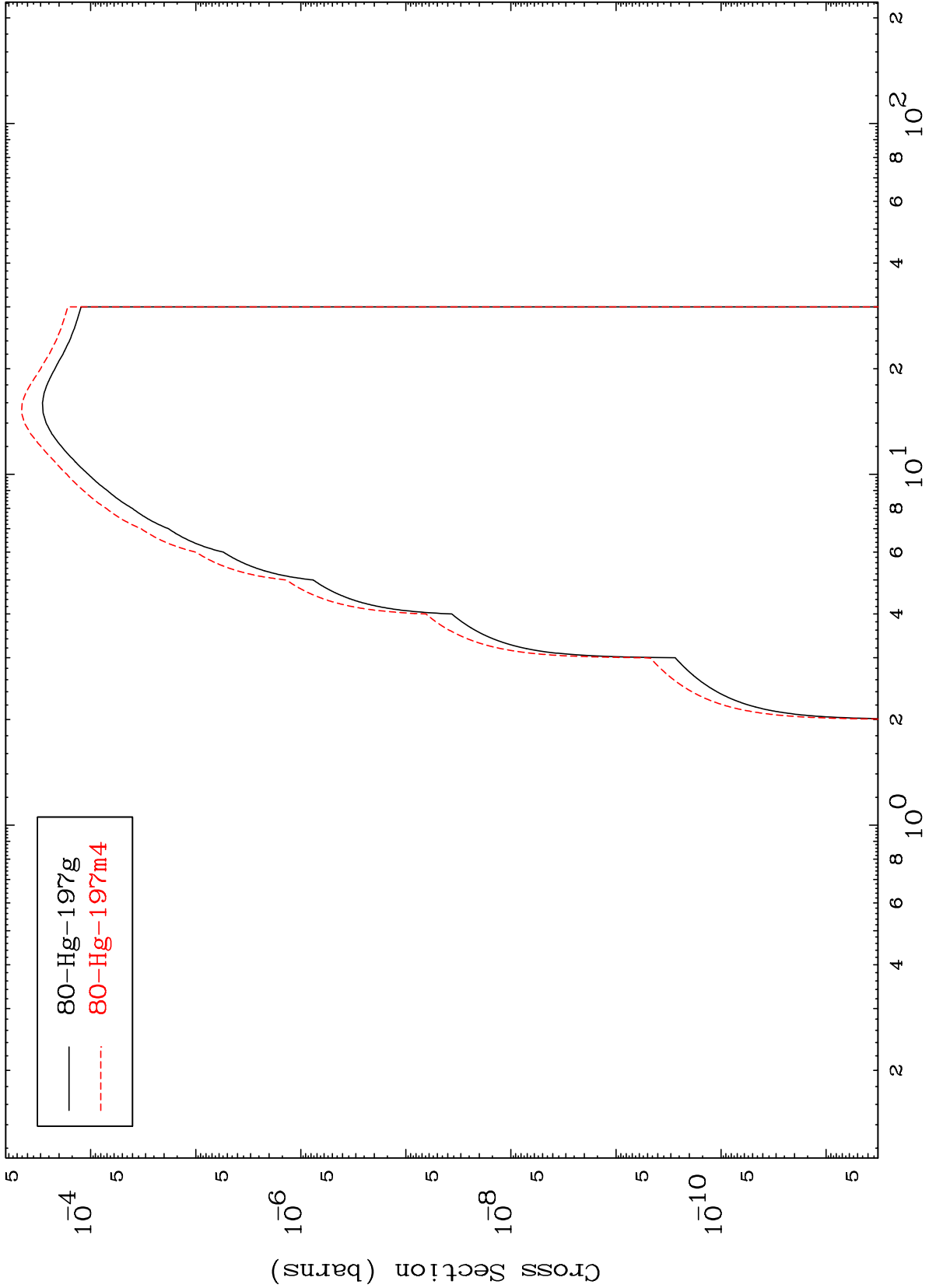
Incident Energy (MeV)

79-Au-196m

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79-Au-196m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



79-Au-196m

Incident Energy (MeV)

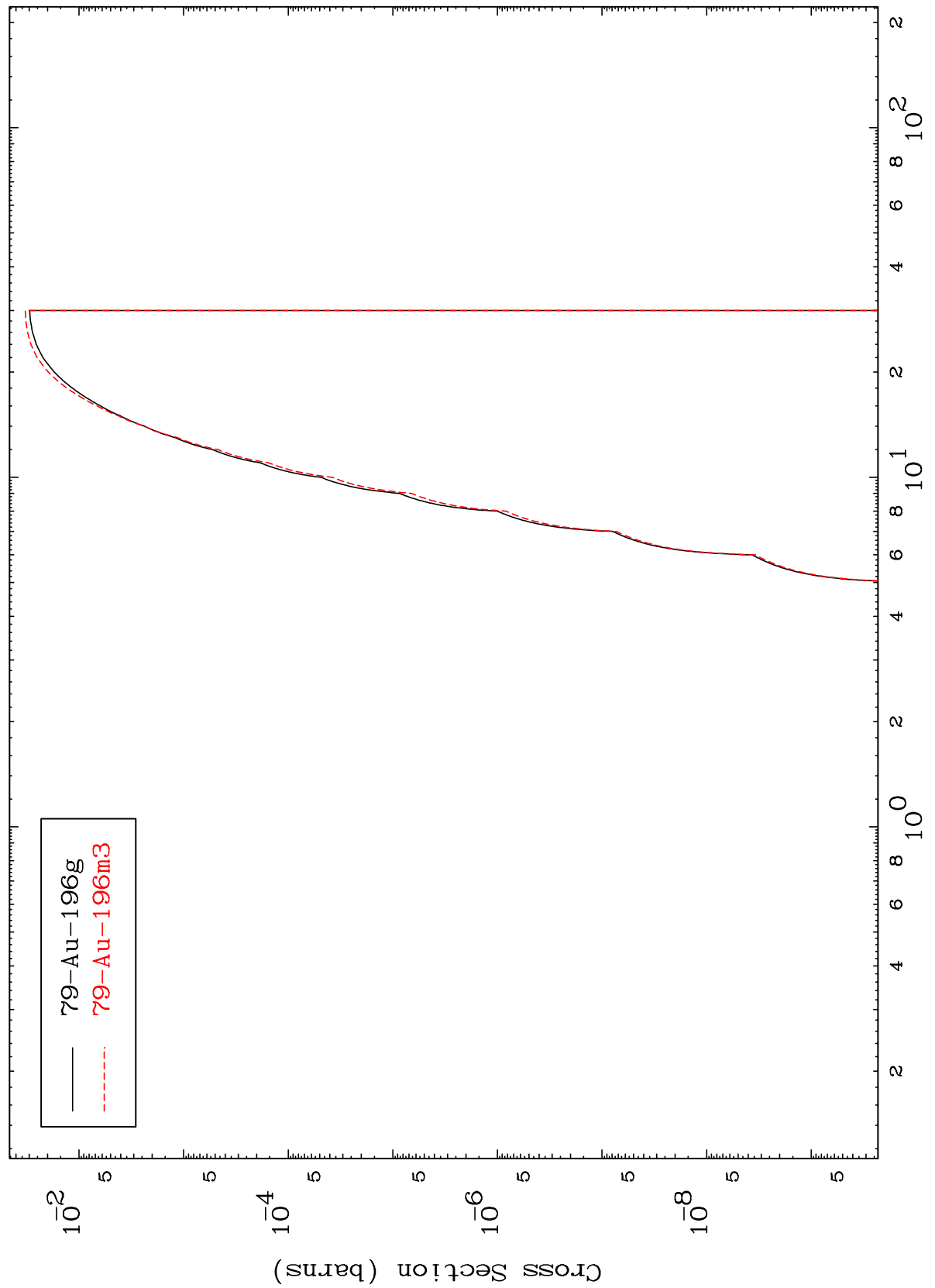
23



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79-Au-196m

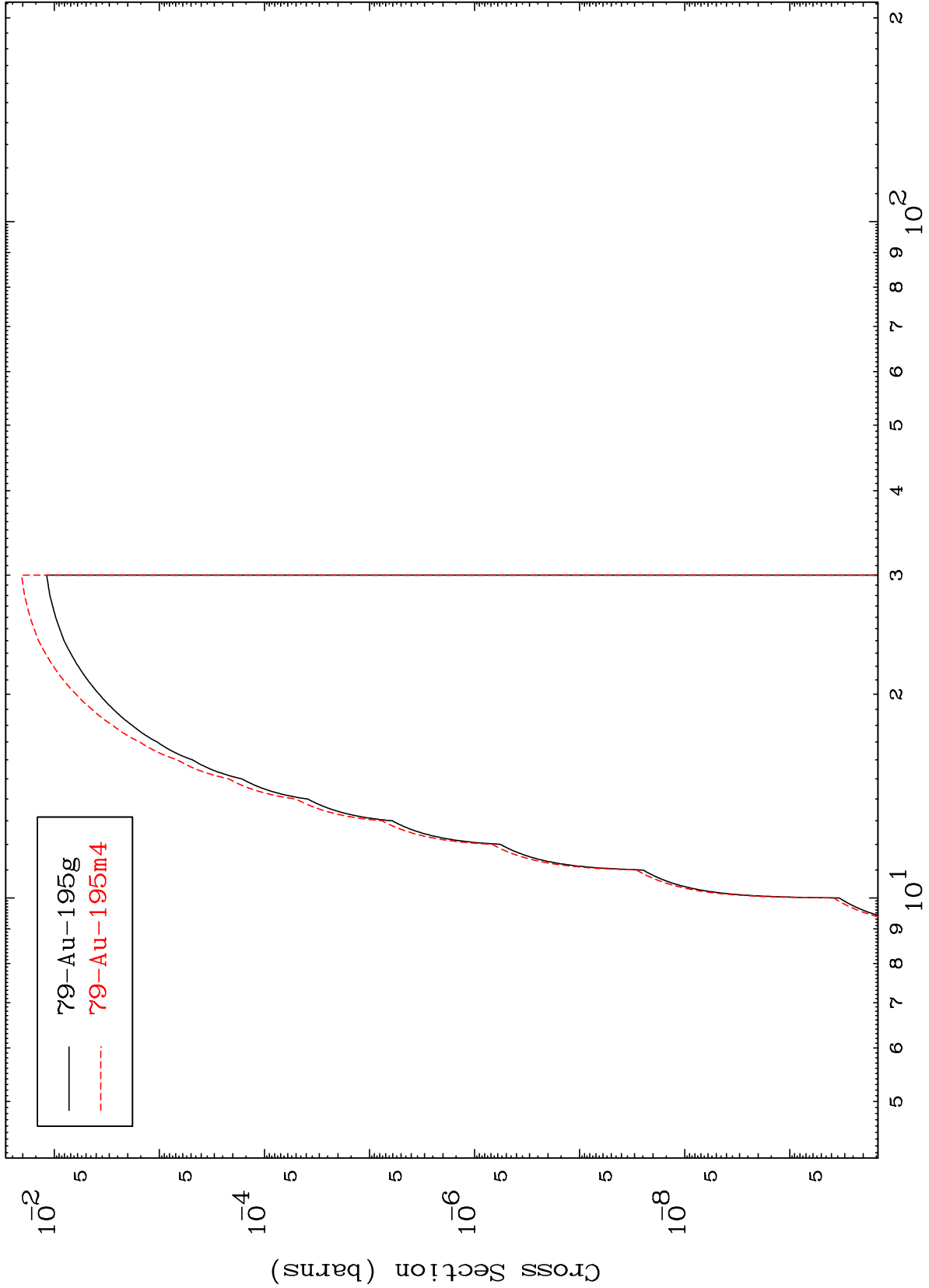
(n,p)  
Radionuclide Production Cross Section



MAT 7923

<sup>79</sup>Au-196m

(n,d)  
Radionuclide Production Cross Section



— <sup>79</sup>Au-195g  
- - - <sup>79</sup>Au-195m4

25

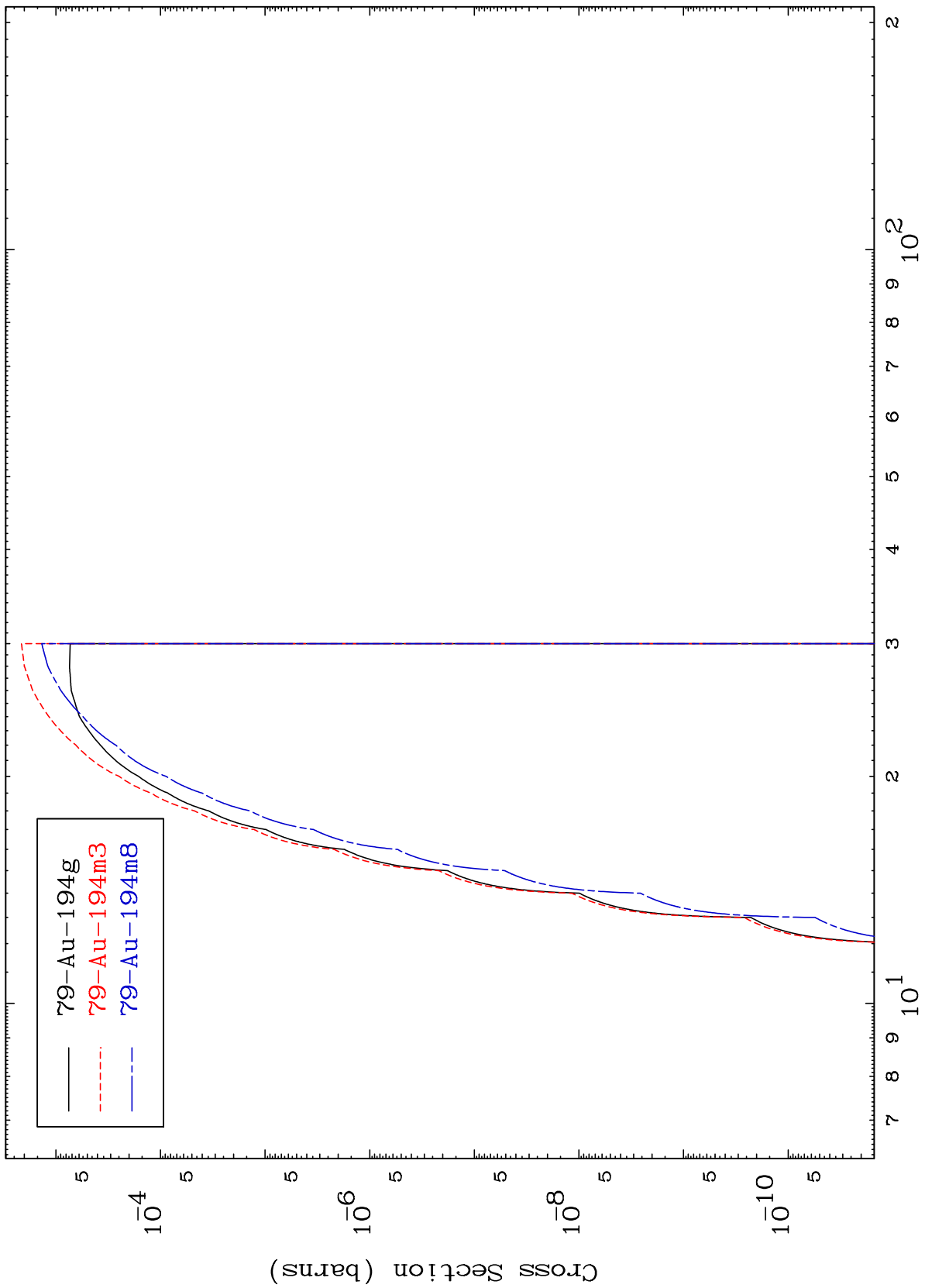
Incident Energy (MeV)

<sup>79</sup>Au-196m

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79-Au-196m

Radionuclide Production Cross Section (n,t)



79-Au-194g  
79-Au-194m3  
79-Au-194m8

79-Au-196m

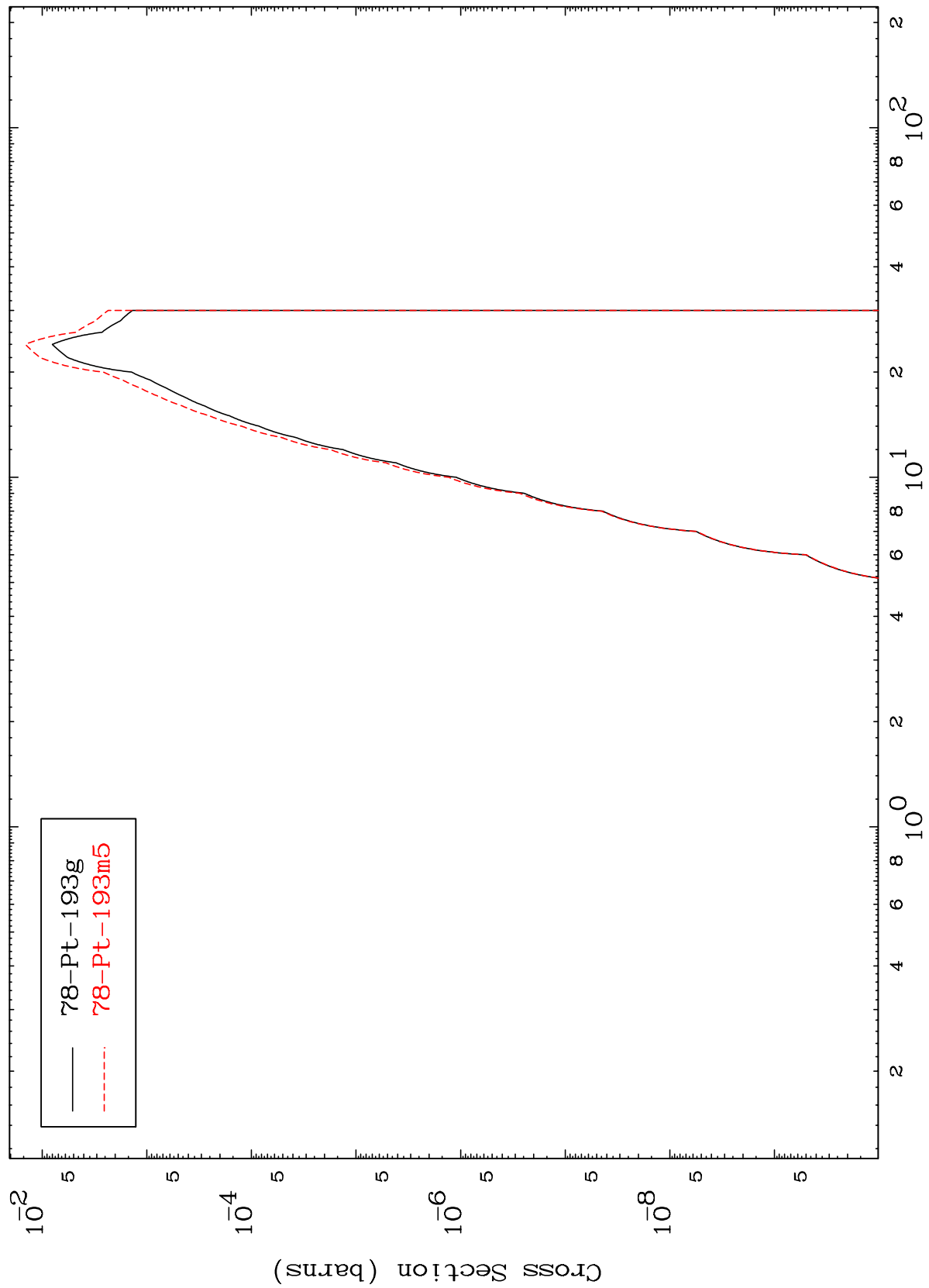
Incident Energy (MeV)

26

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79-Au-196m

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



78-Pt-193g  
78-Pt-193m5

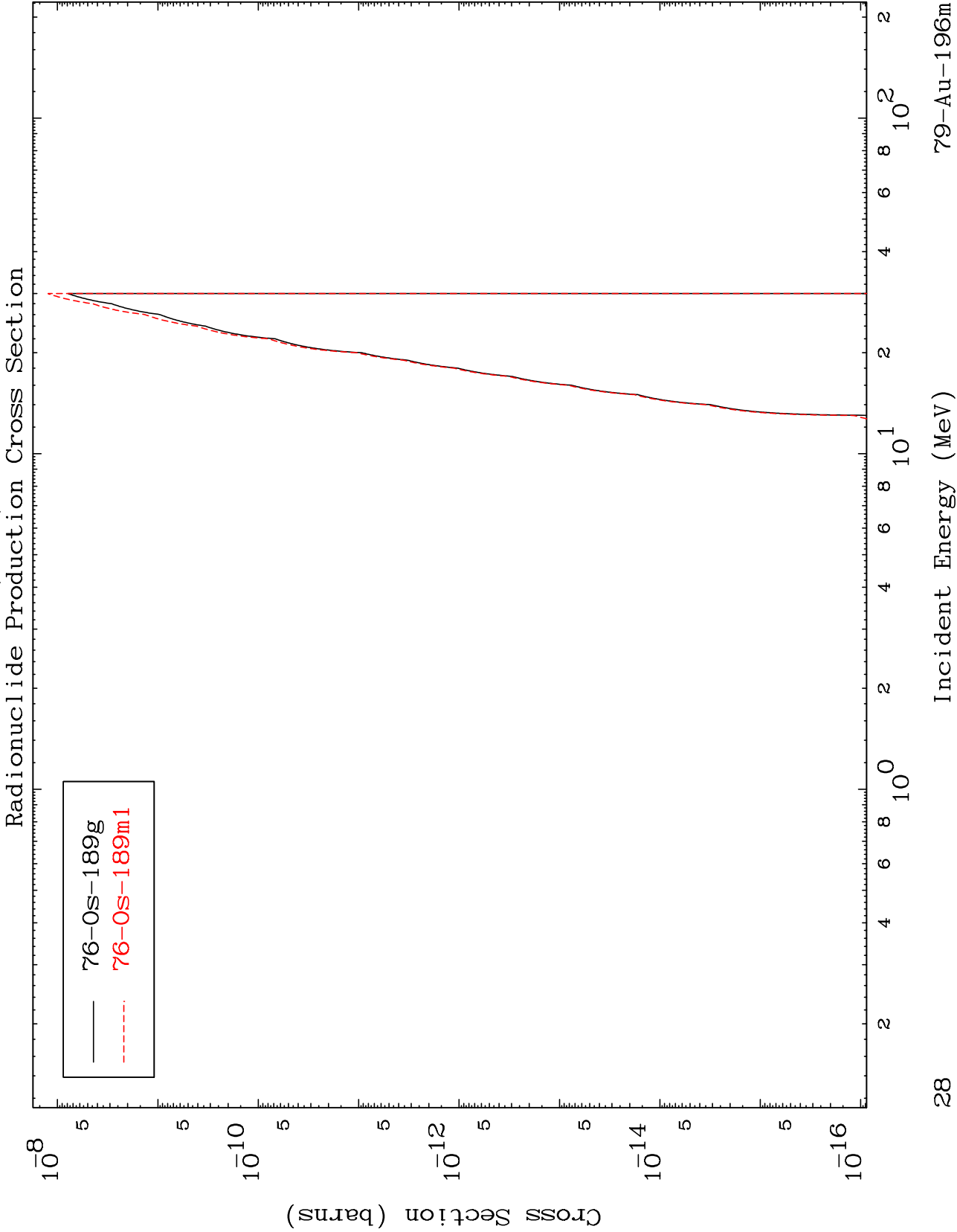
79-Au-196m

Incident Energy (MeV)

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(n,2α)

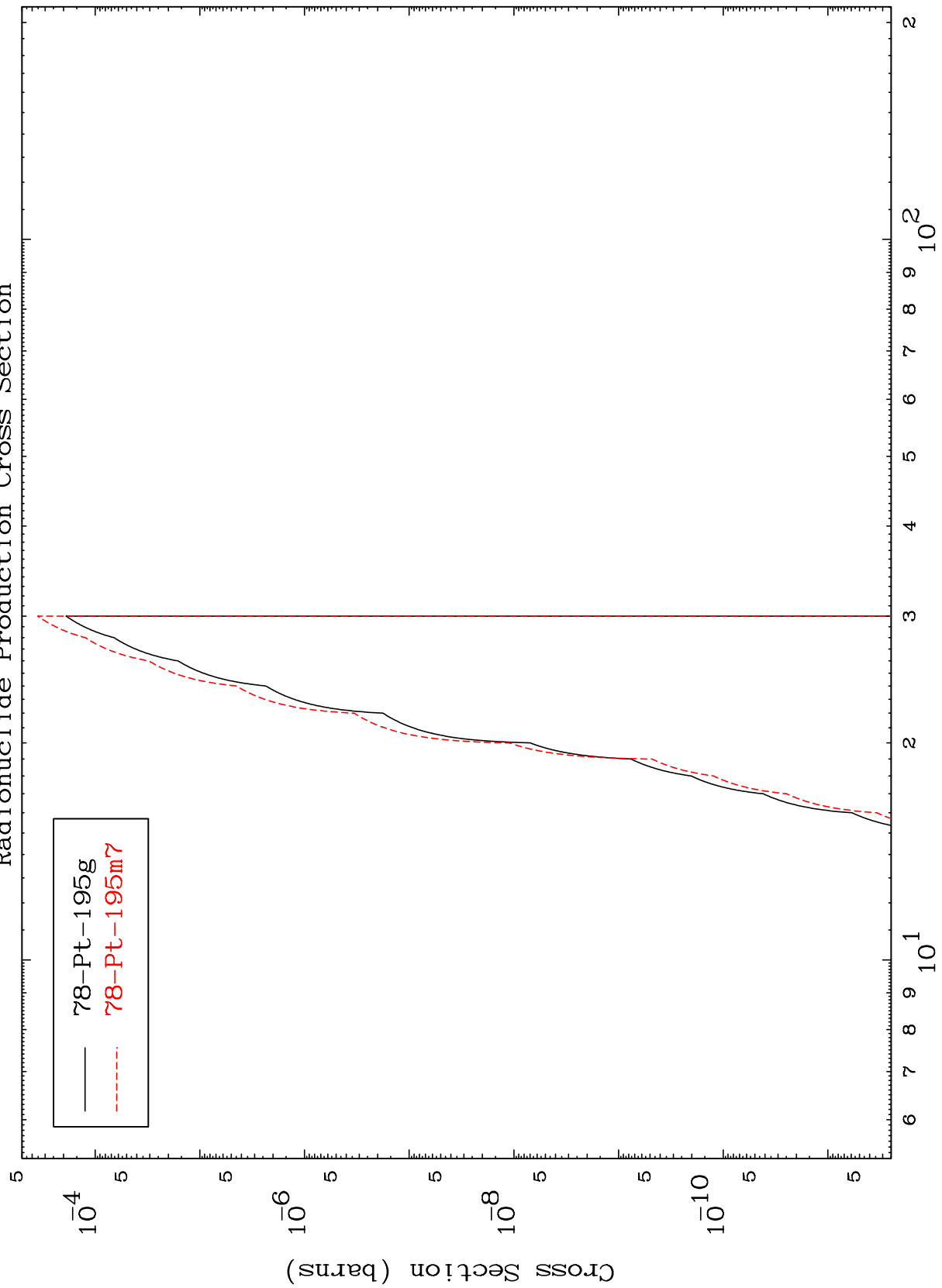
79-Au-196m



MAT 7923

<sup>79</sup>Au-196m

(n,2p)  
Radionuclide Production Cross Section



— <sup>78</sup>Pt-195g  
- - - <sup>78</sup>Pt-195m7

29

Incident Energy (MeV)

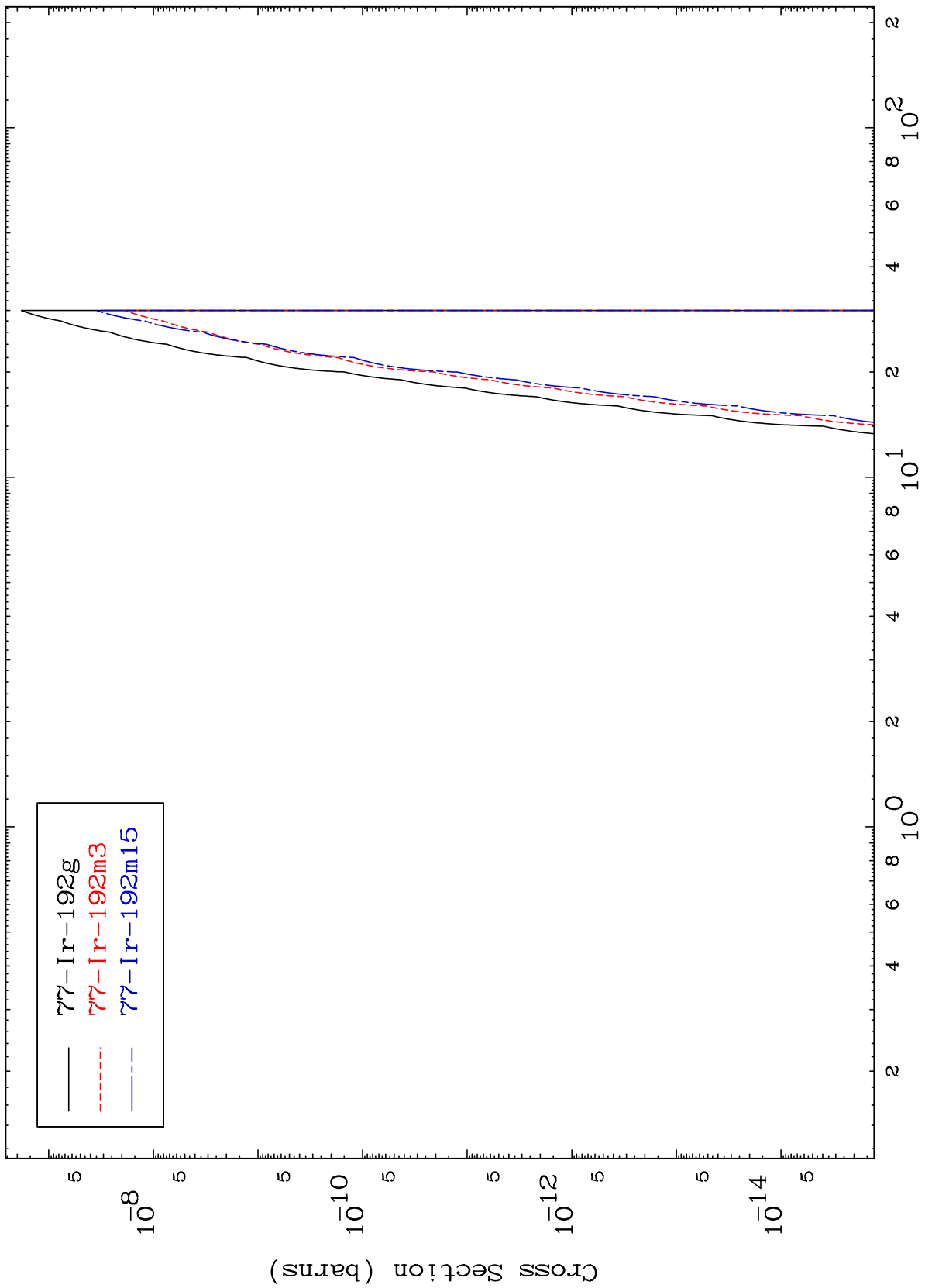
<sup>79</sup>Au-196m

MAT 7923

(n,p)  $\alpha$

<sup>79</sup>Au-196m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

