

Program EVALPLOT  
(Version 2021-1)

by

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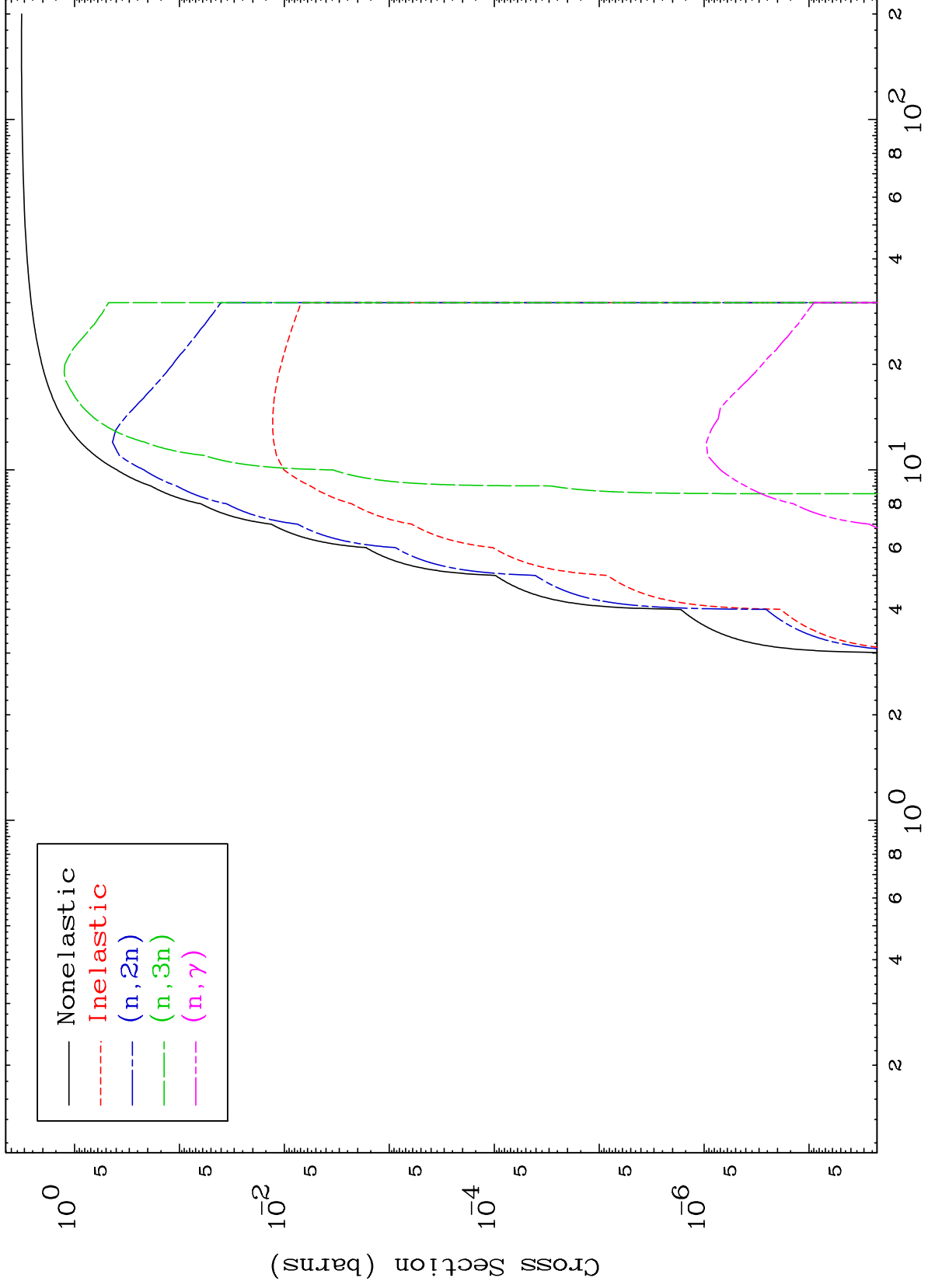
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7853

Deuteron Major  
0 Kelvin Cross Sections

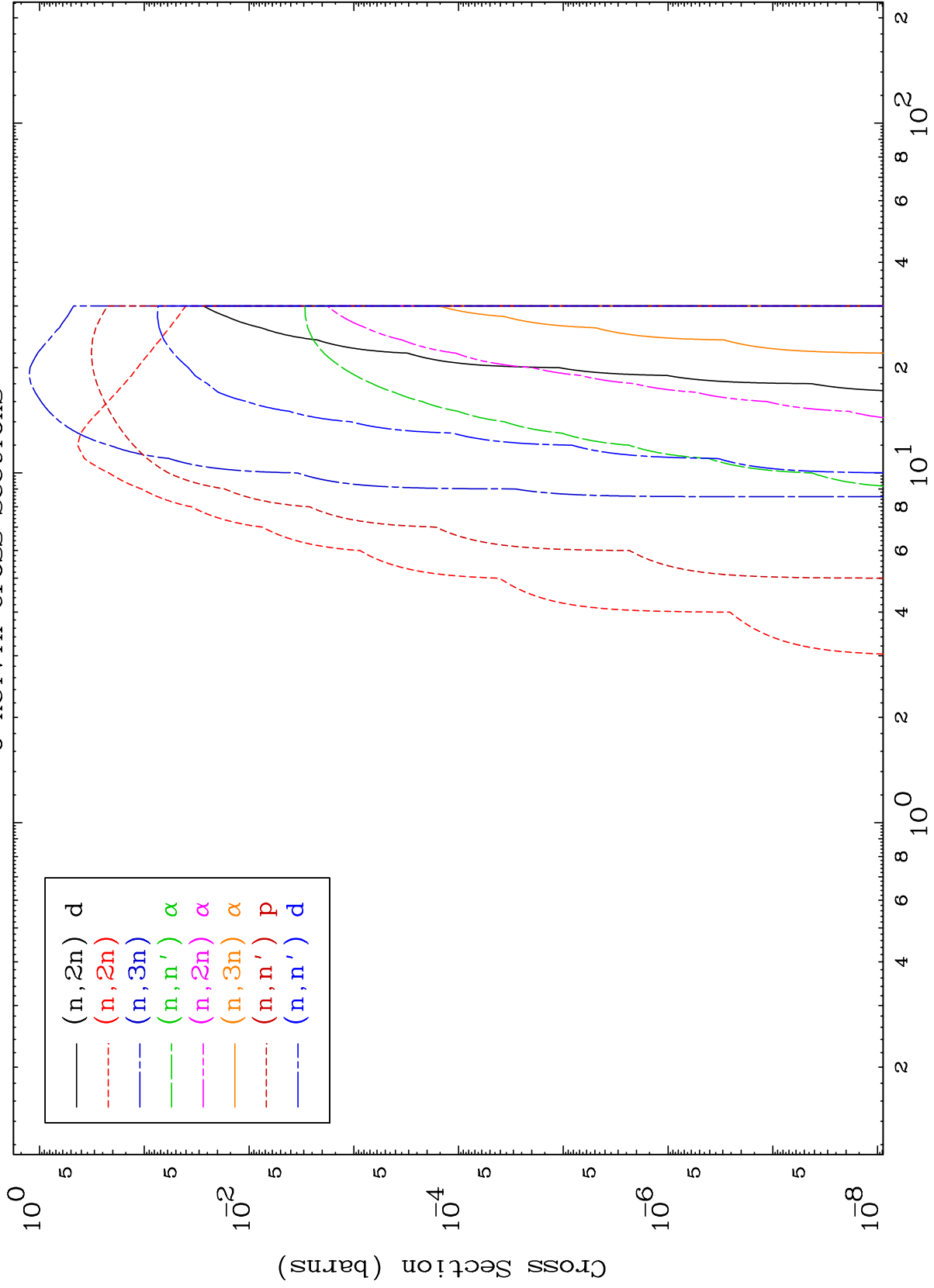
78-Pt-199m



MAT 7853

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

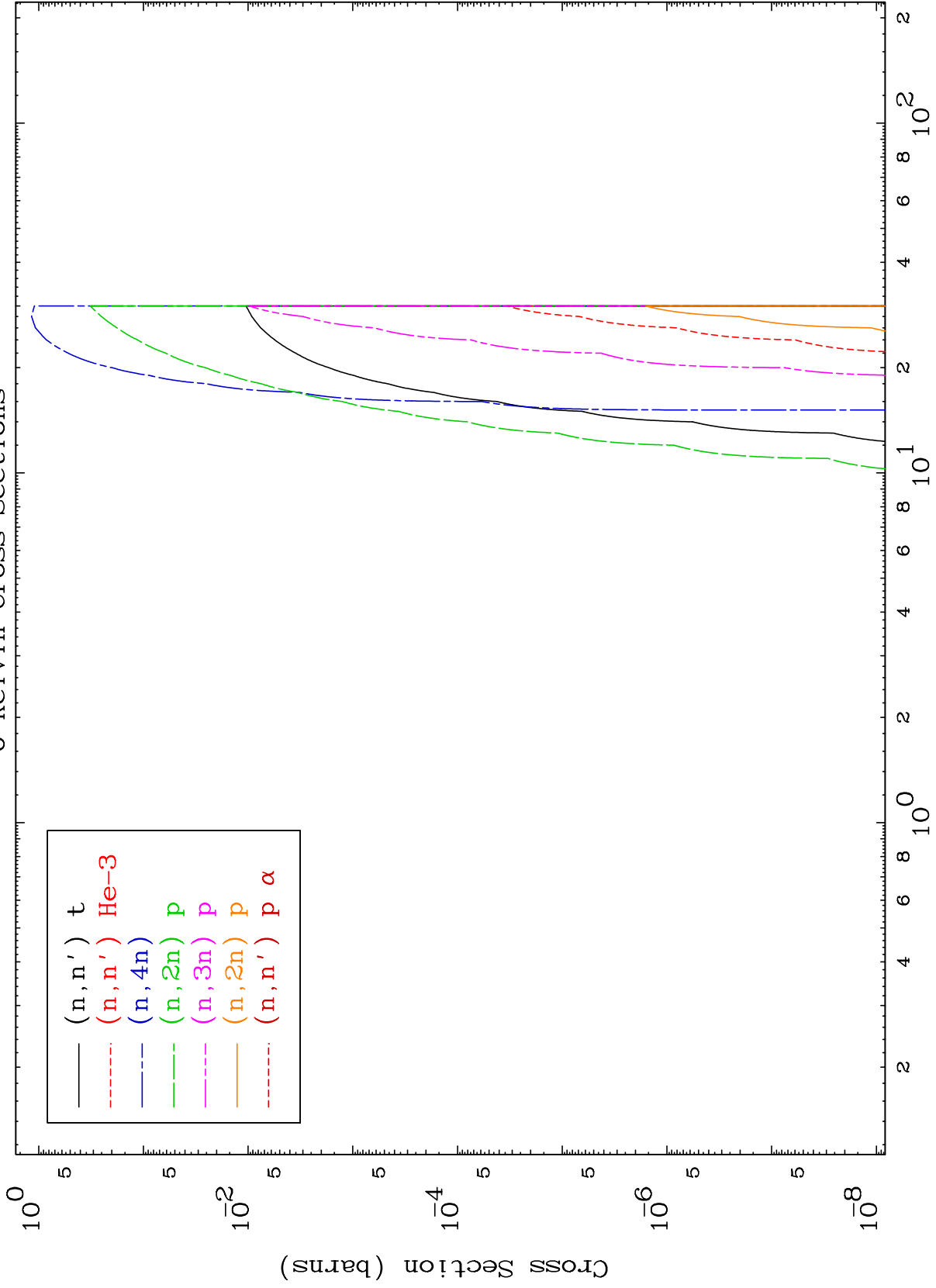
78-Pt-199m



MAT 7853

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

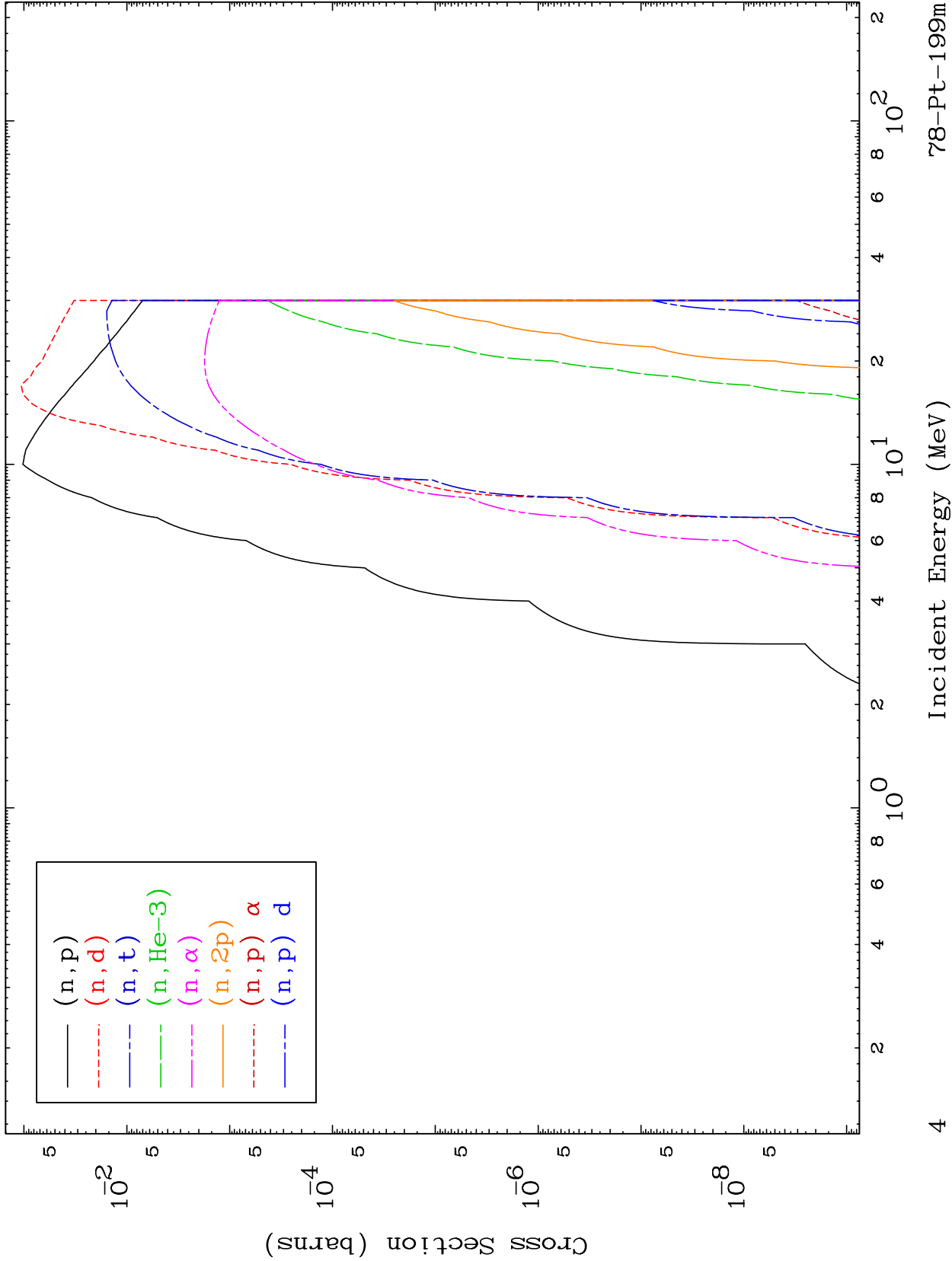
78-Pt-199m

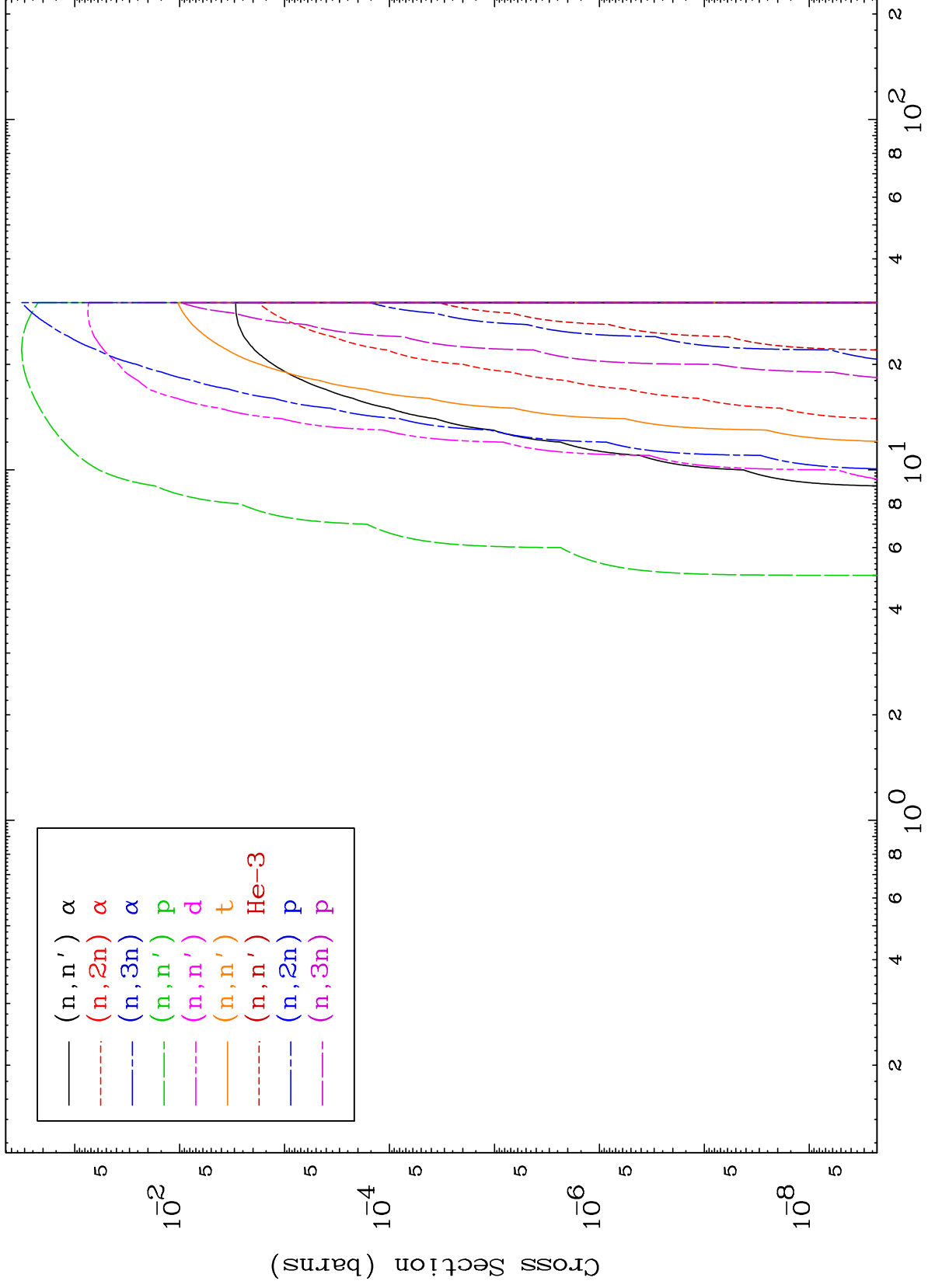


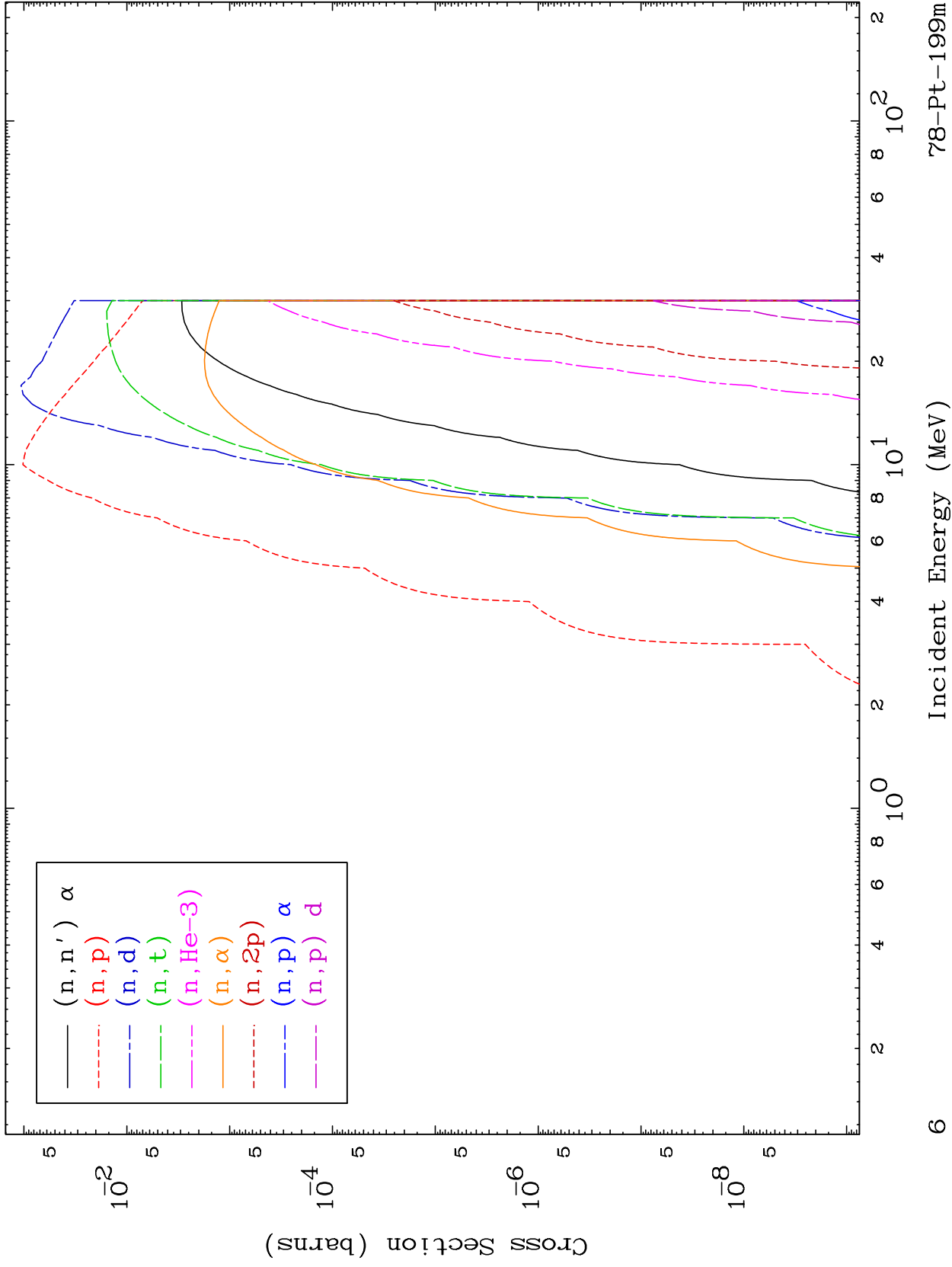
MAT 7853

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-199m





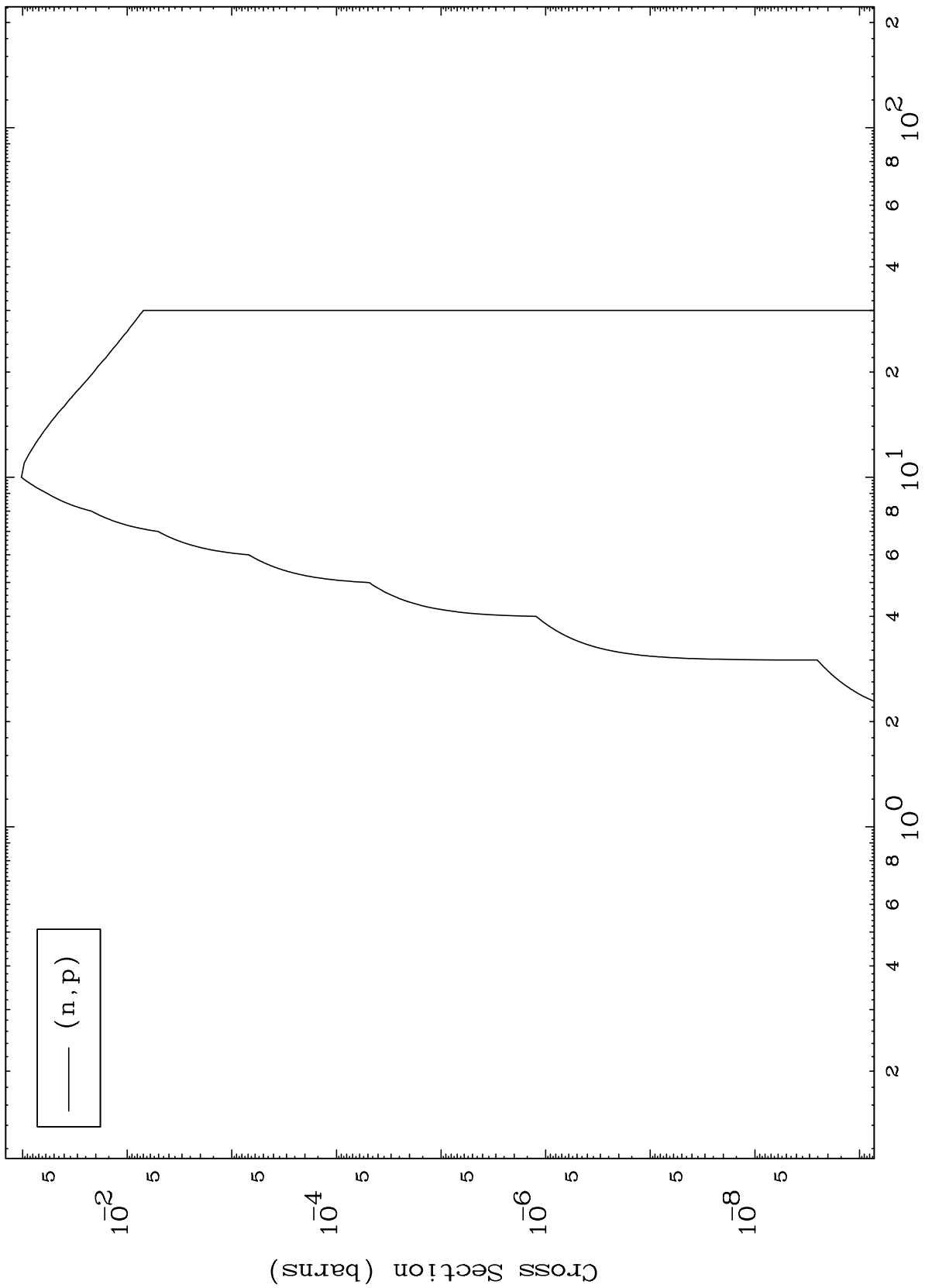


MAT 7853

(d,p) Levels

78-Pt-199m

0 Kelvin Cross Sections



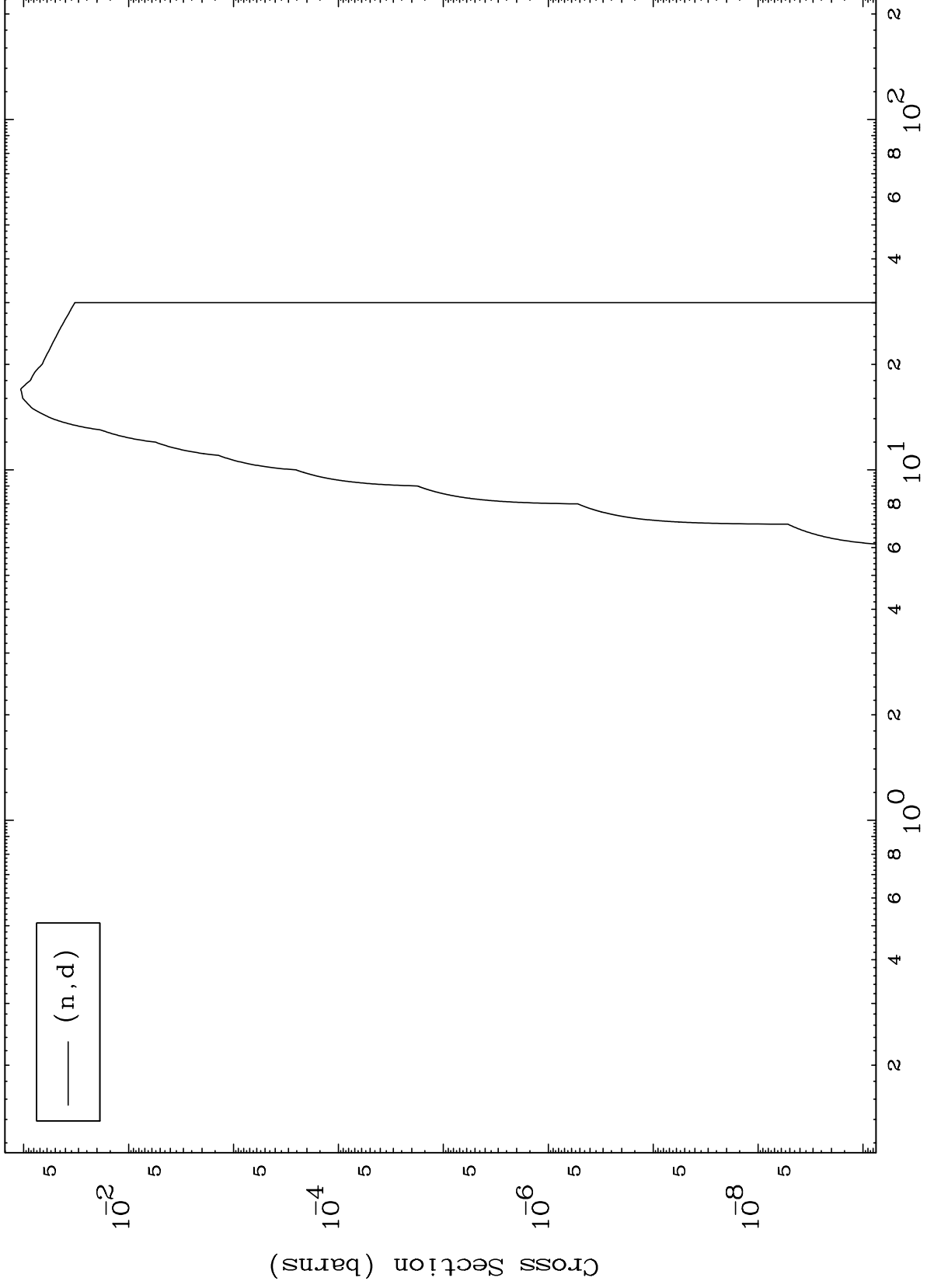


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(d,d) Levels

78-Pt-199m

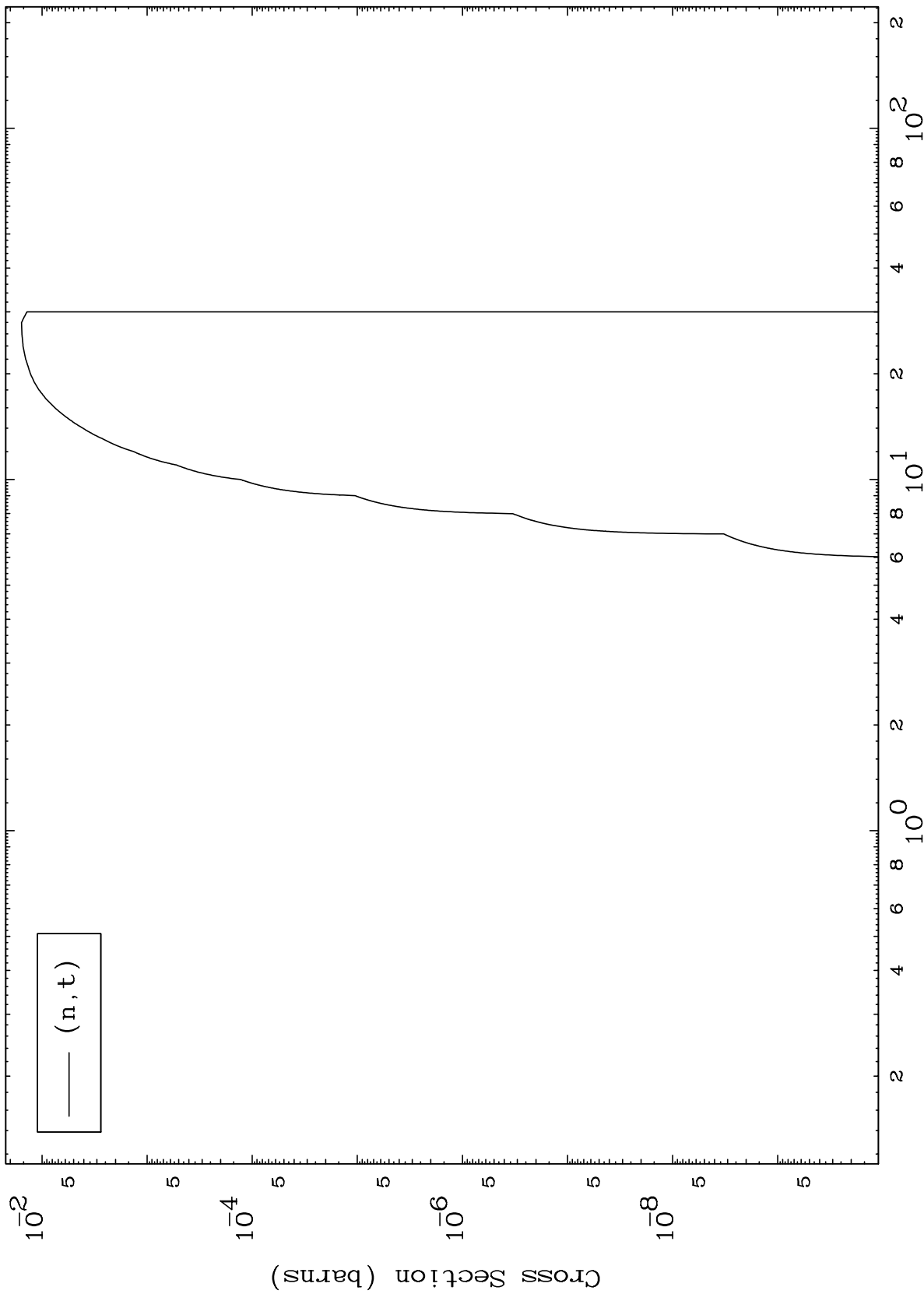
0 Kelvin Cross Sections



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78-Pt-199m

(d, t) Levels  
0 Kelvin Cross Sections

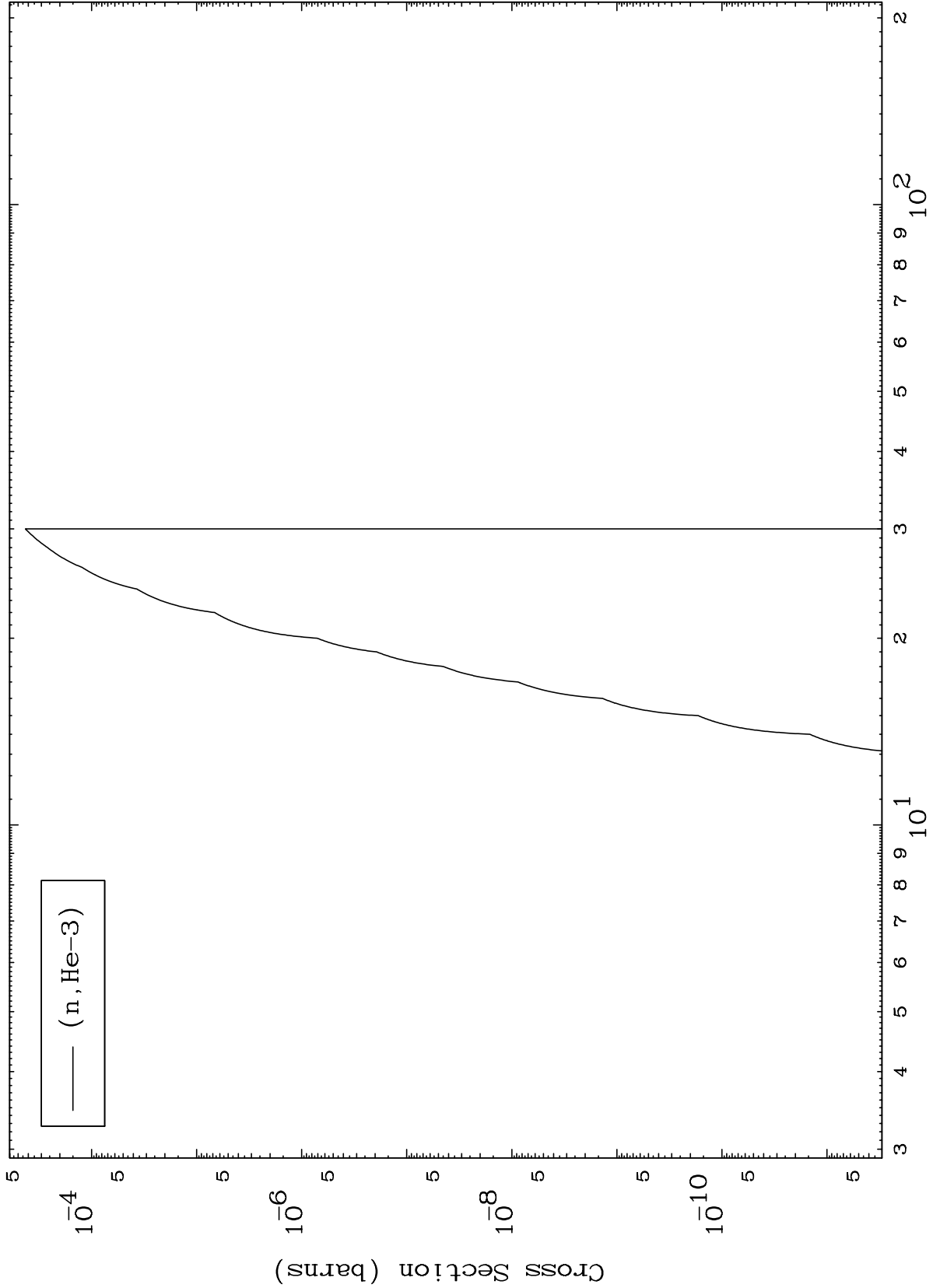


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(d,He3) Levels

78-Pt-199m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

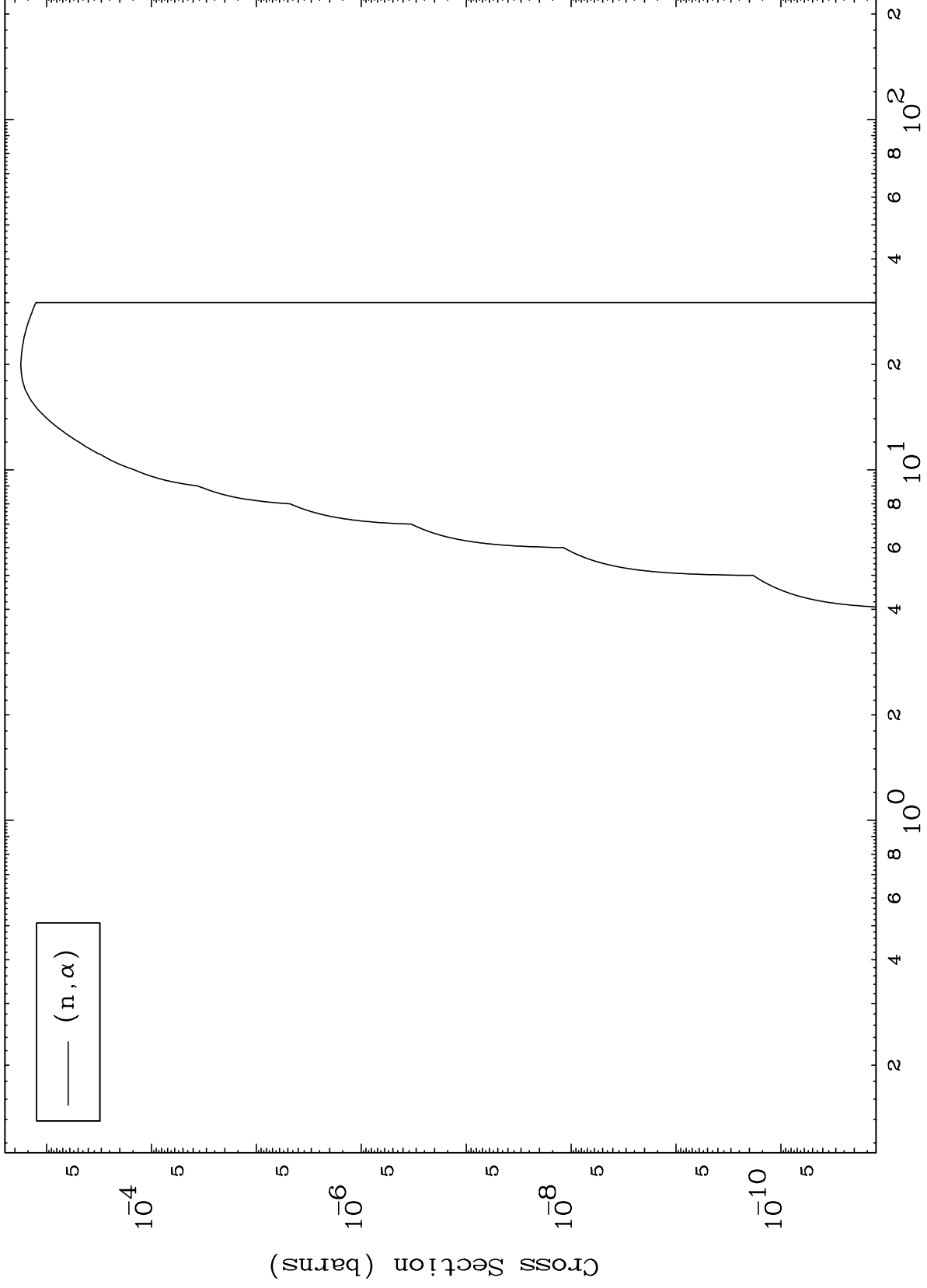
78-Pt-199m

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(d,  $\alpha$ ) Levels

78-Pt-199m

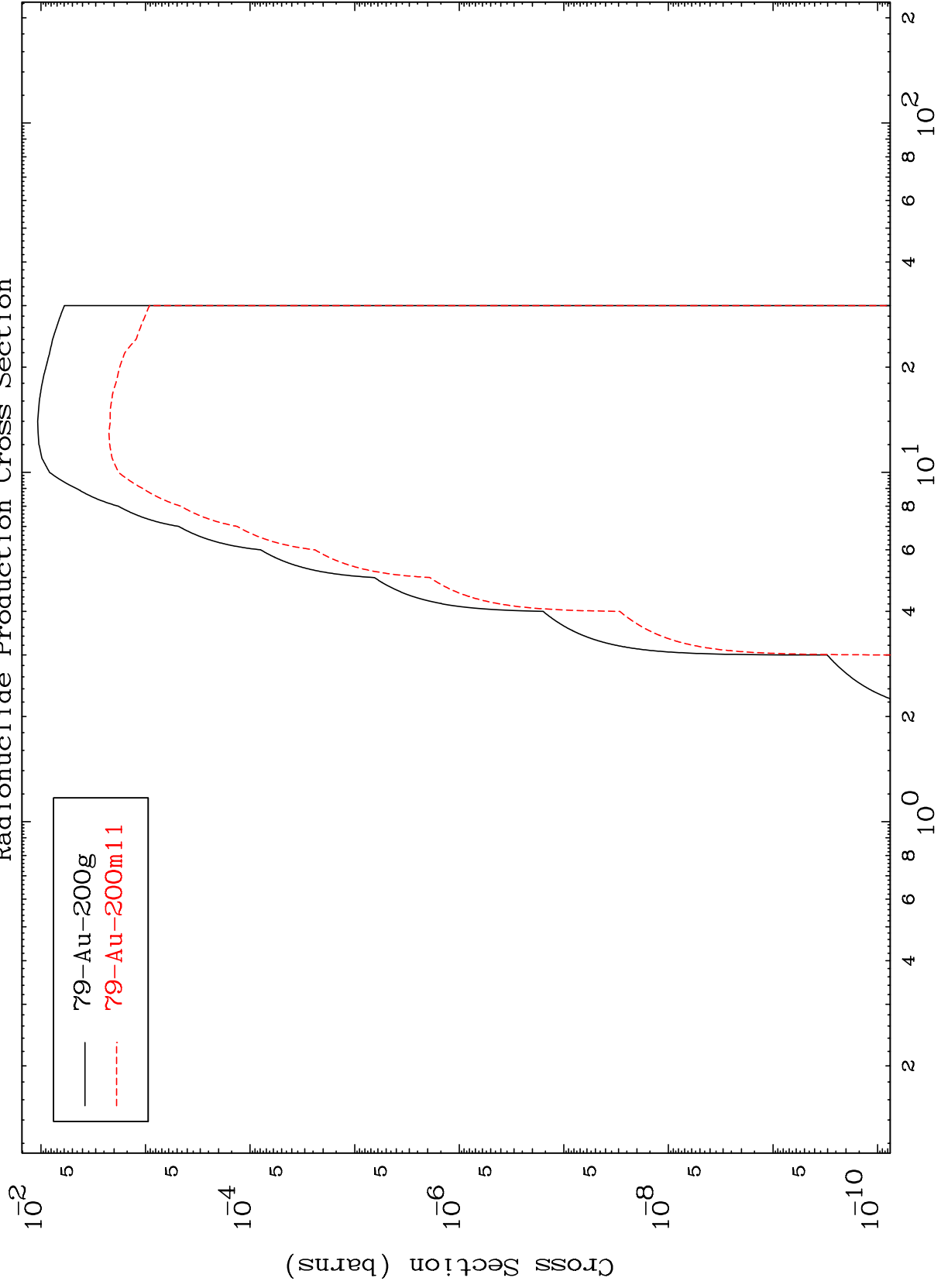
0 Kelvin Cross Sections



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Inelastic  
Radionuclide Production Cross Section

78-Pt-199m



12

Incident Energy (MeV)

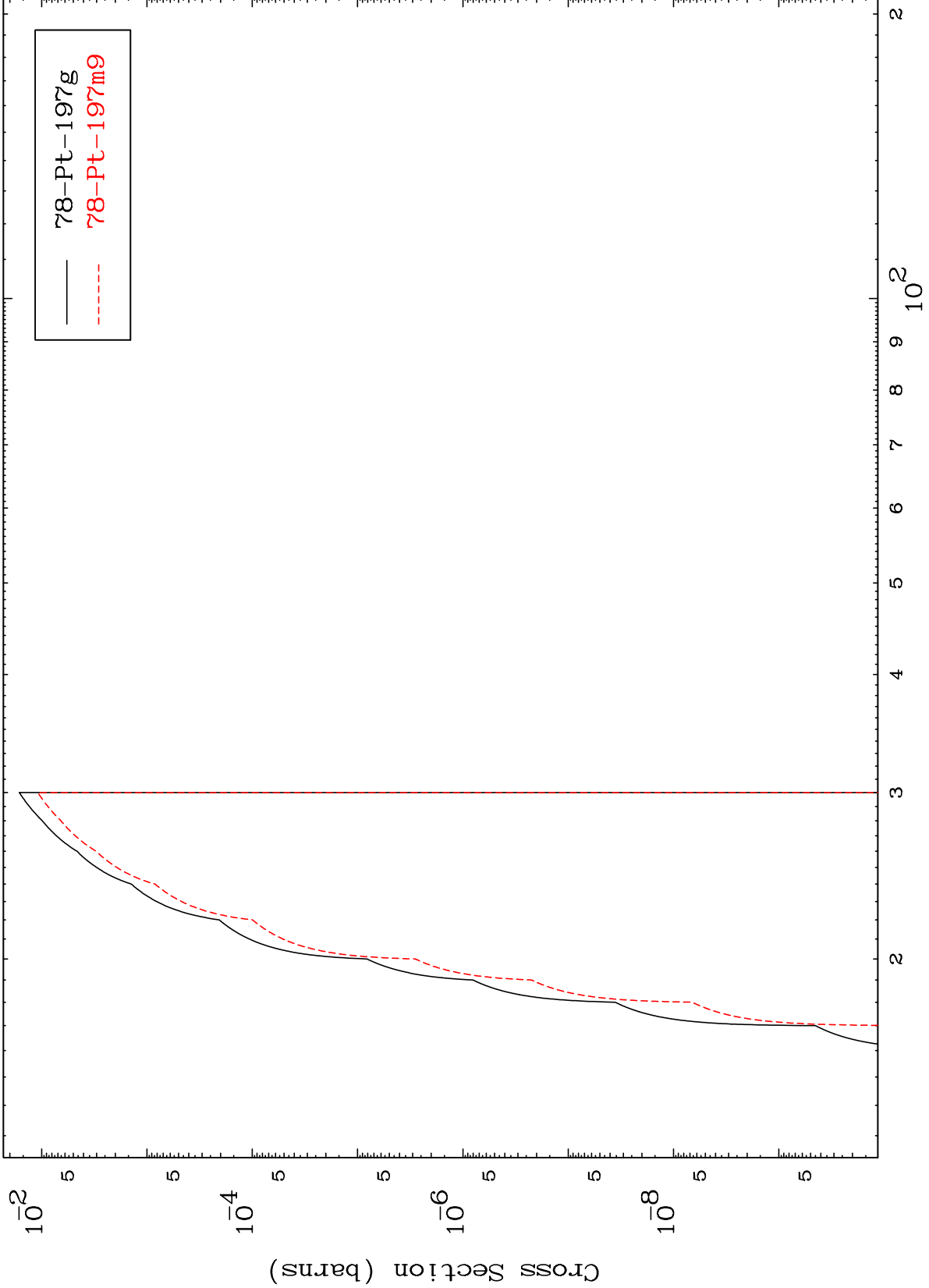
78-Pt-199m

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(n,2n) d

78-Pt-199m

Radionuclide Production Cross Section



13

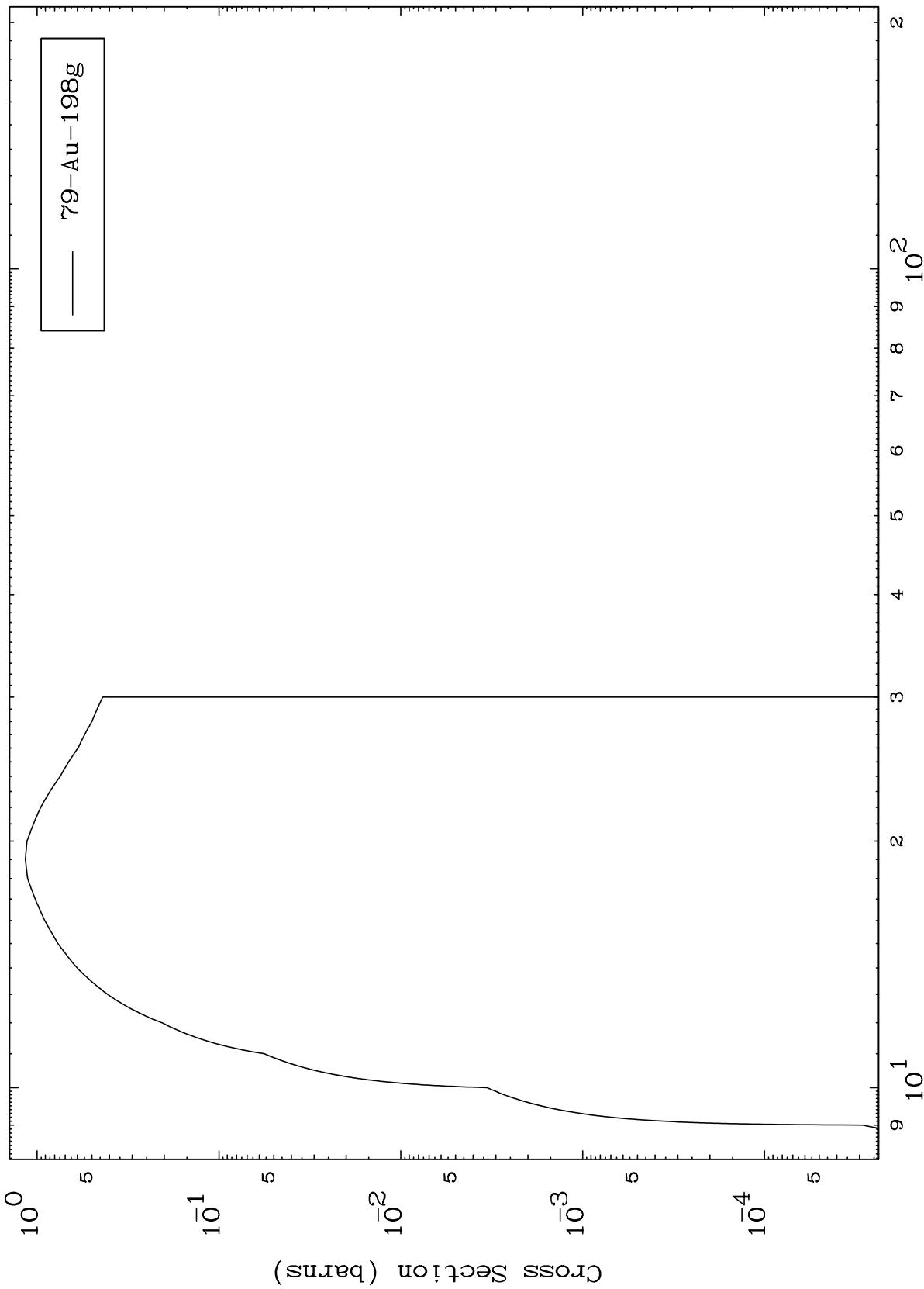
Incident Energy (MeV)

78-Pt-199m

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78-Pt-199m

(n,3n)  
Radionuclide Production Cross Section



78-Pt-199m

Incident Energy (MeV)

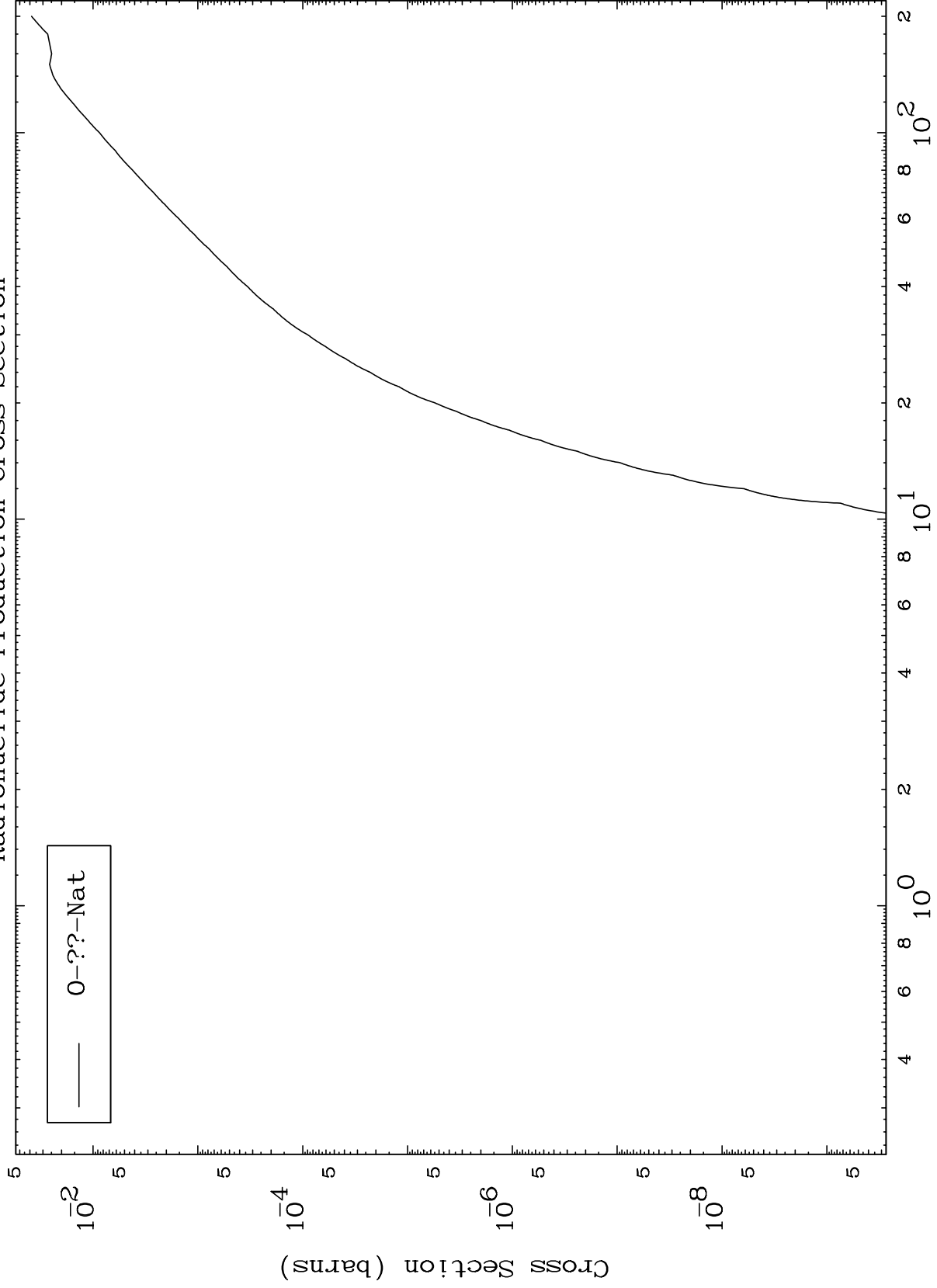
14

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Fission

78-Pt-199m

Radionuclide Production Cross Section



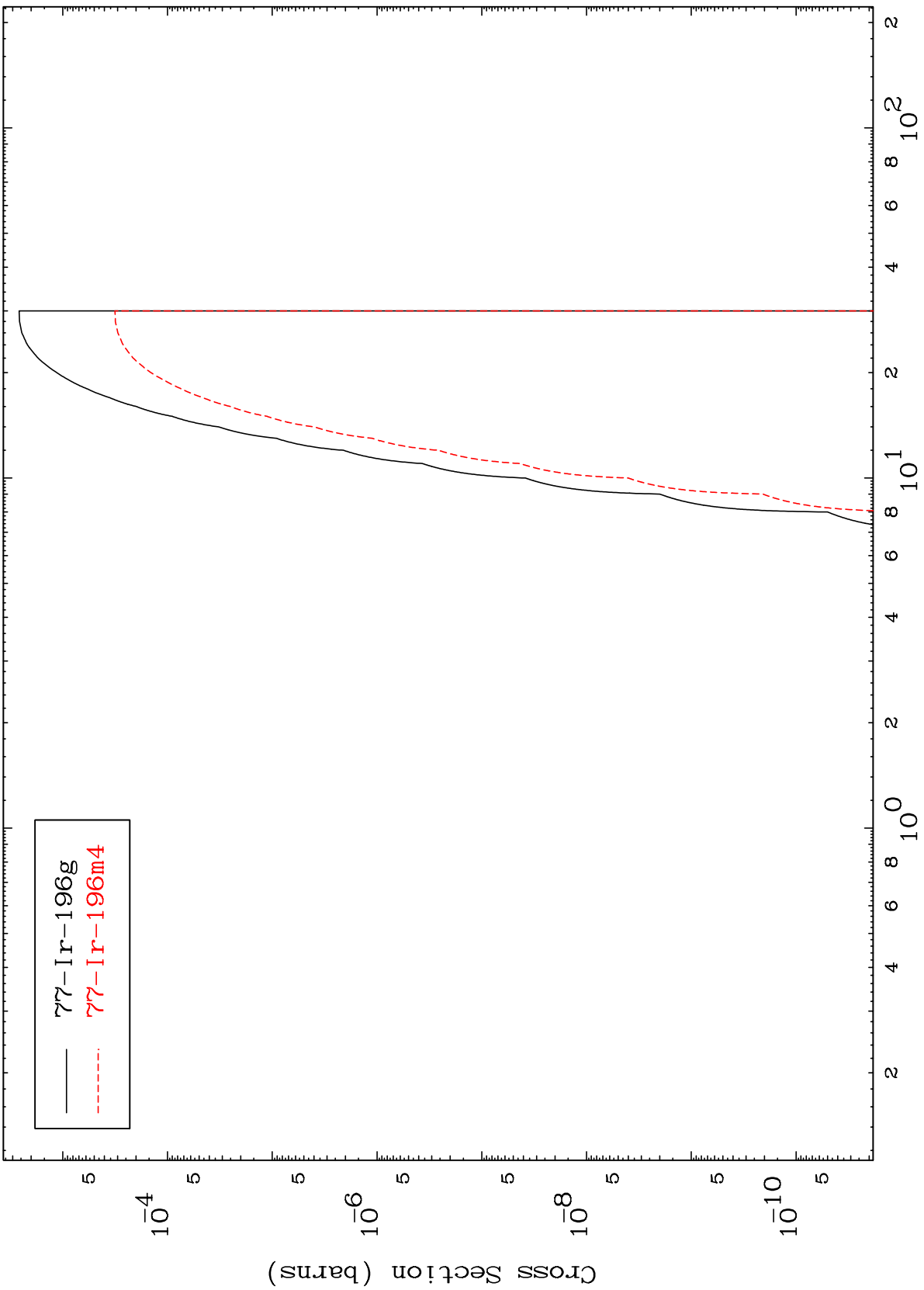


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$(n, n') \alpha$

78-Pt-199m

Radionuclide Production Cross Section



—  $^{77}\text{Ir-196g}$   
- - -  $^{77}\text{Ir-196m4}$

Incident Energy (MeV)

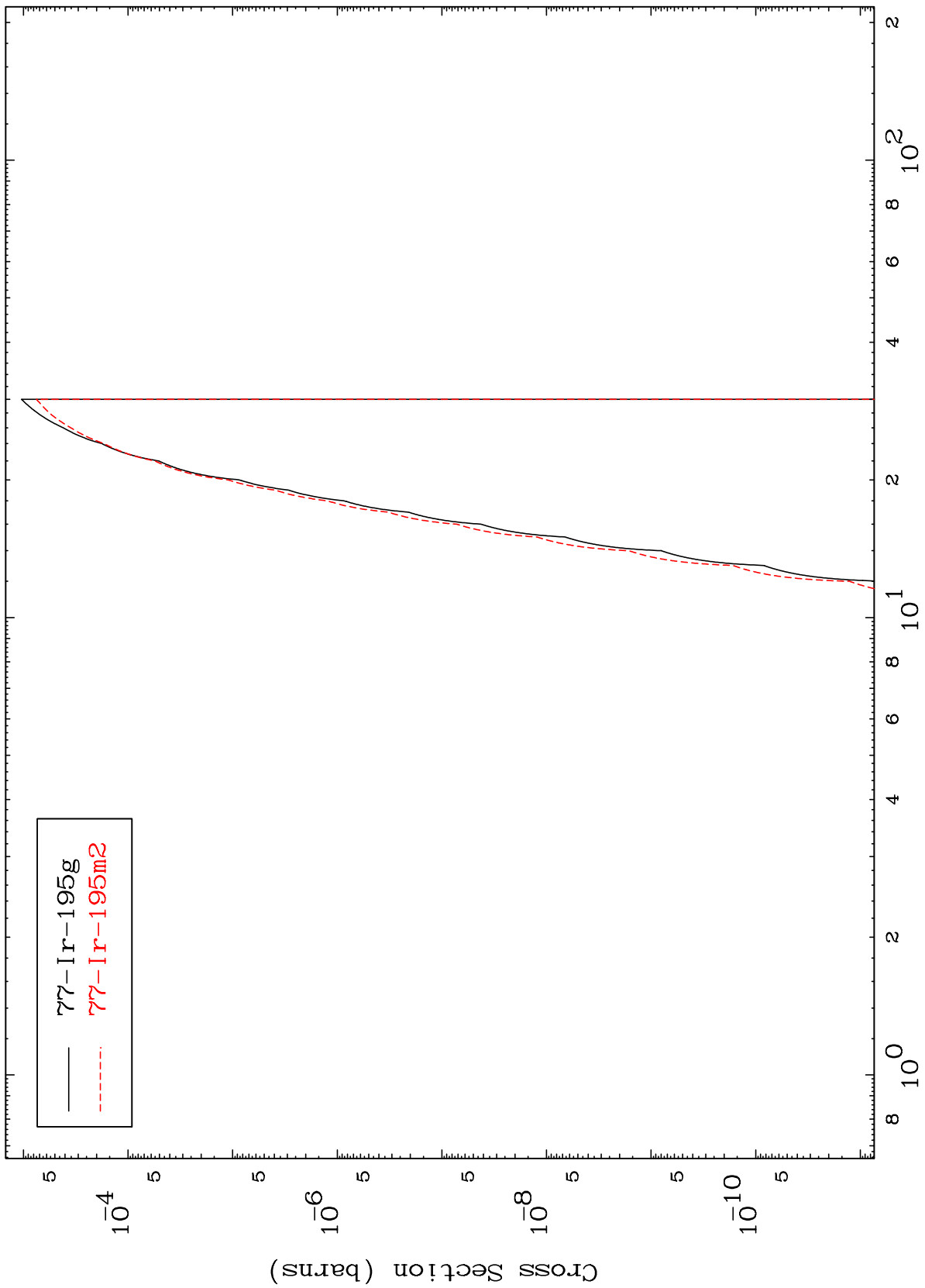
78-Pt-199m

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(n,2n)  $\alpha$

78-Pt-199m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

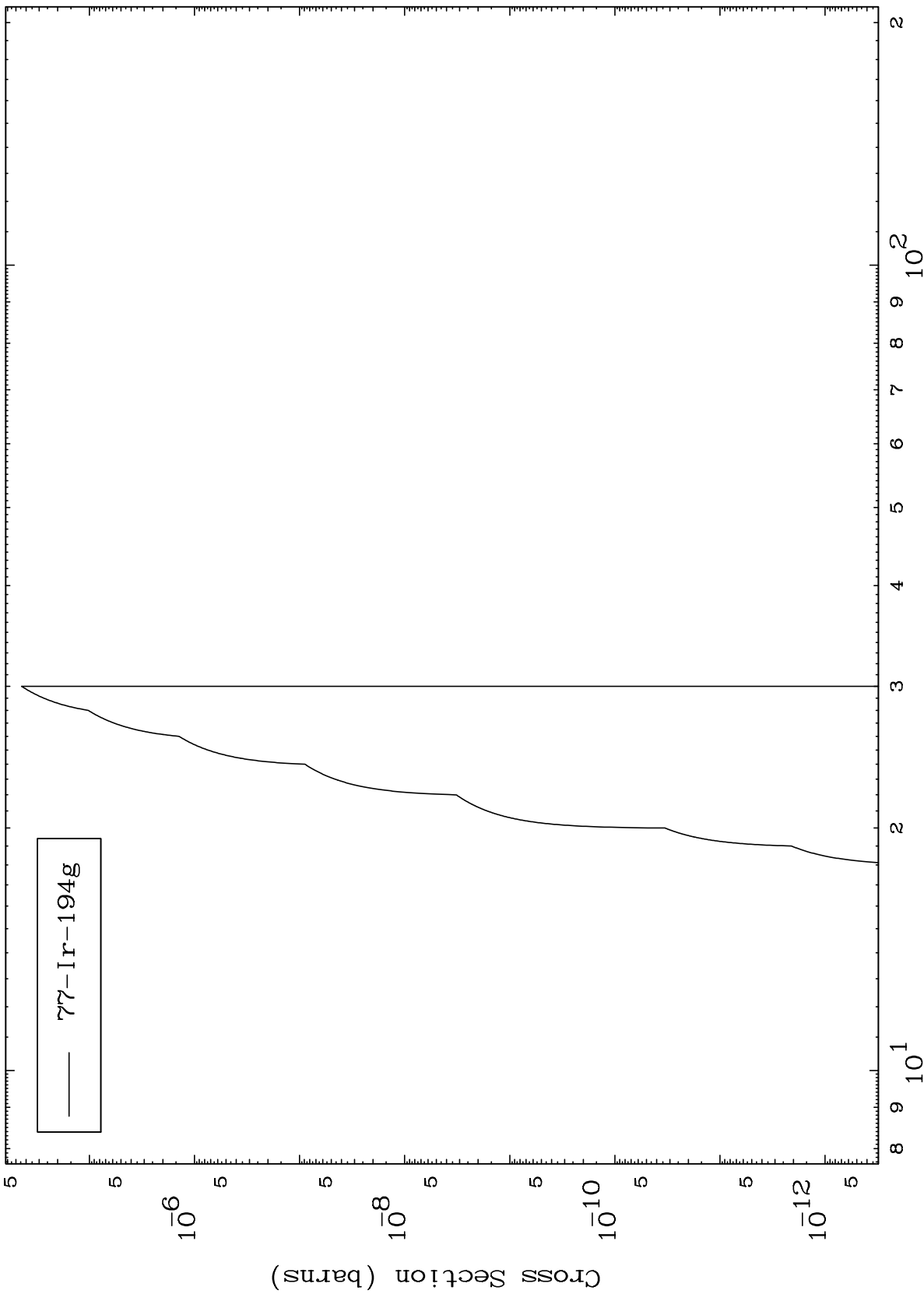
78-Pt-199m

MAT 7853

(n,3n)  $\alpha$

78-Pt-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-199m

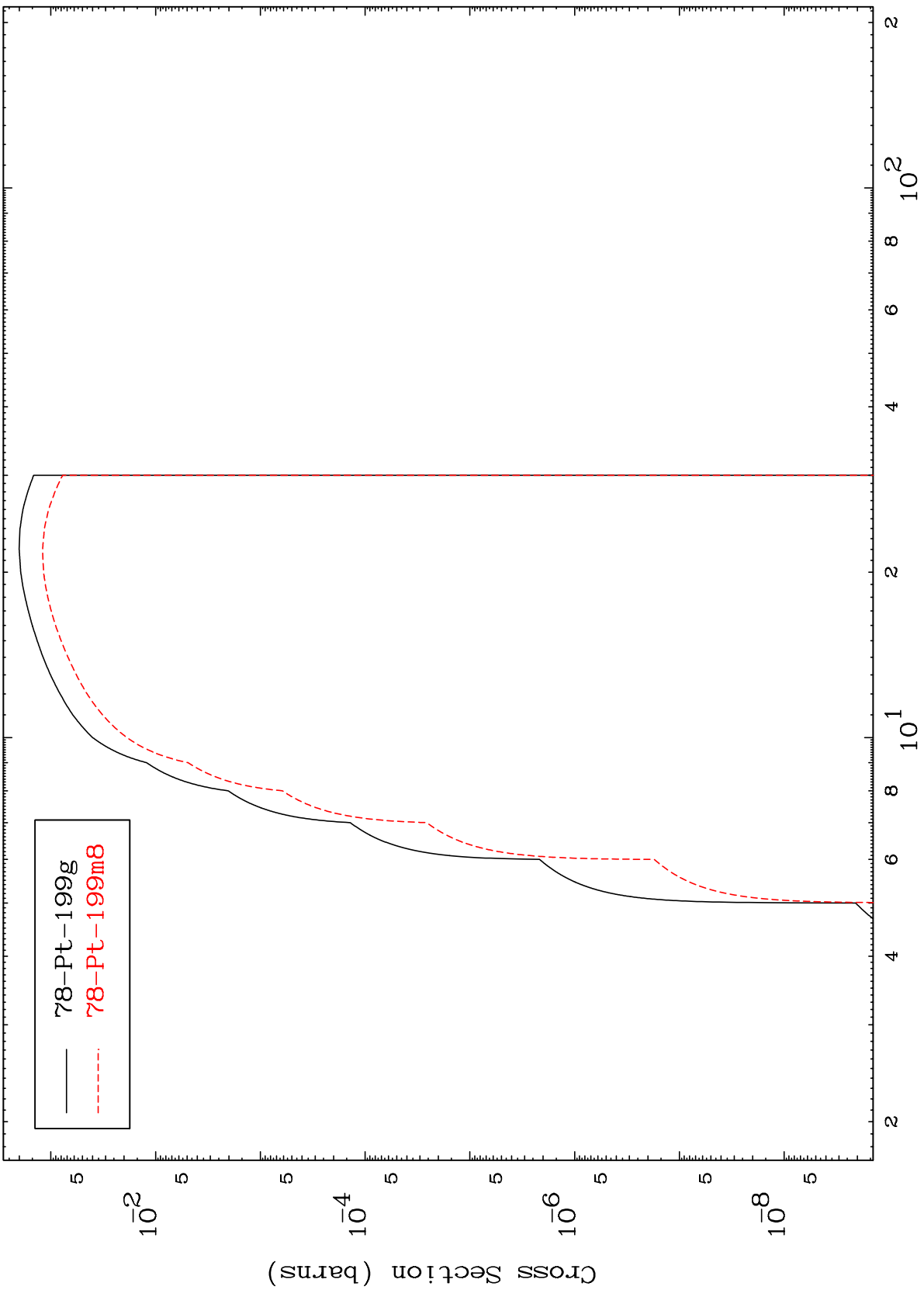
18

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(n,n') p

78-Pt-199m

Radionuclide Production Cross Section



78-Pt-199g  
78-Pt-199m8

19

Incident Energy (MeV)

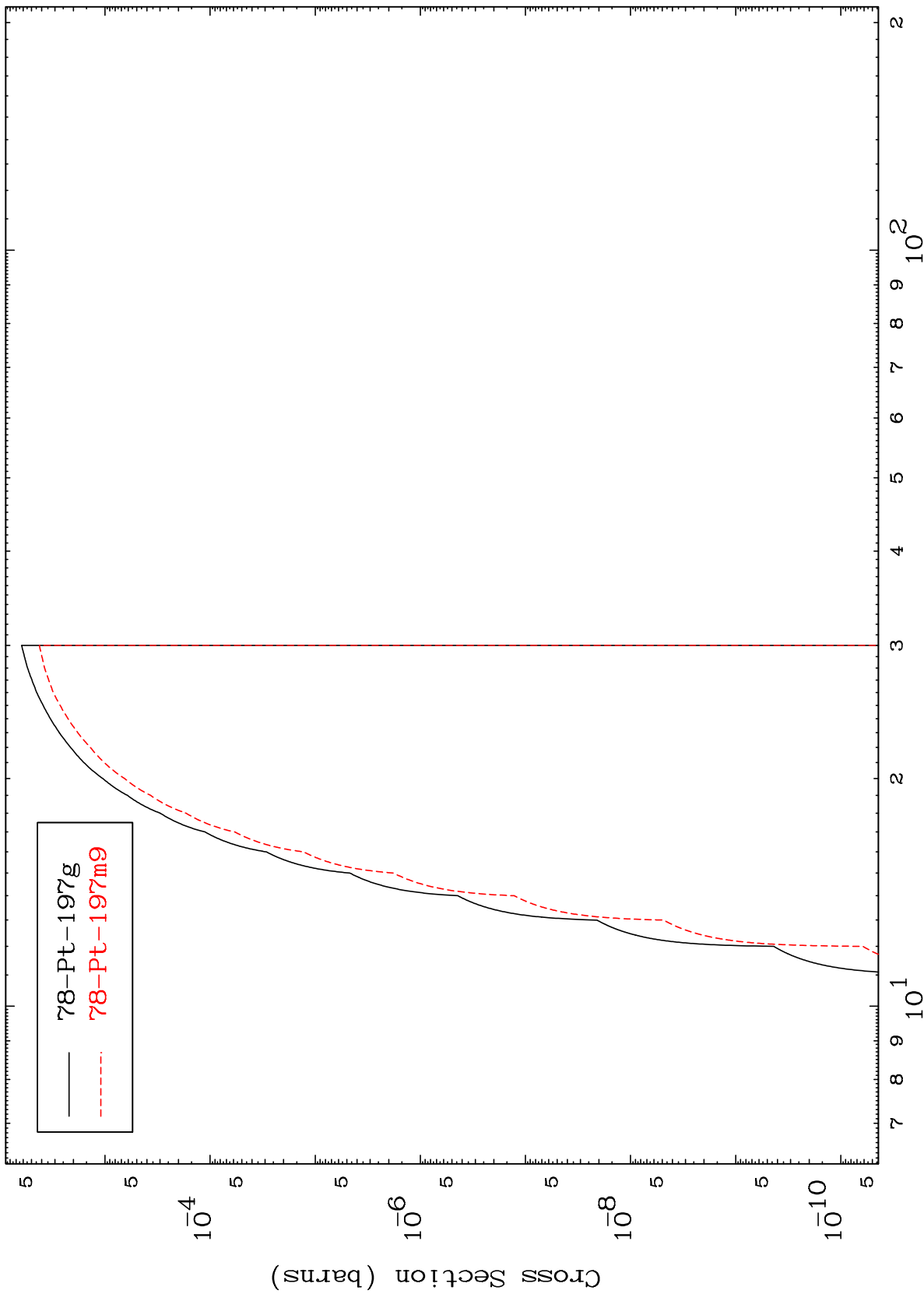
78-Pt-199m

MAT 7853

(n,n') t

78-Pt-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-199m

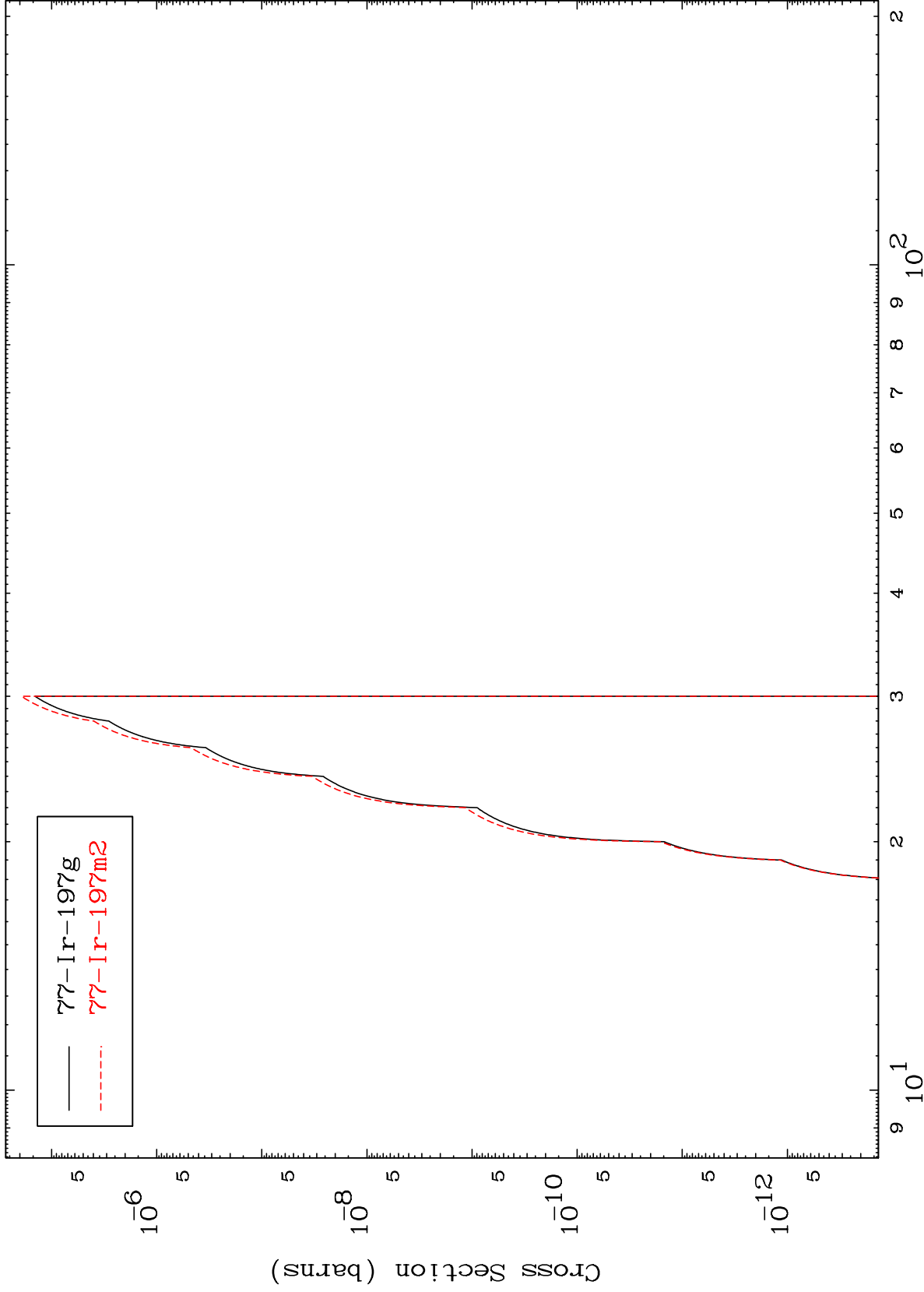
20

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(n,n') He-3

78-Pt-199m

Radionuclide Production Cross Section

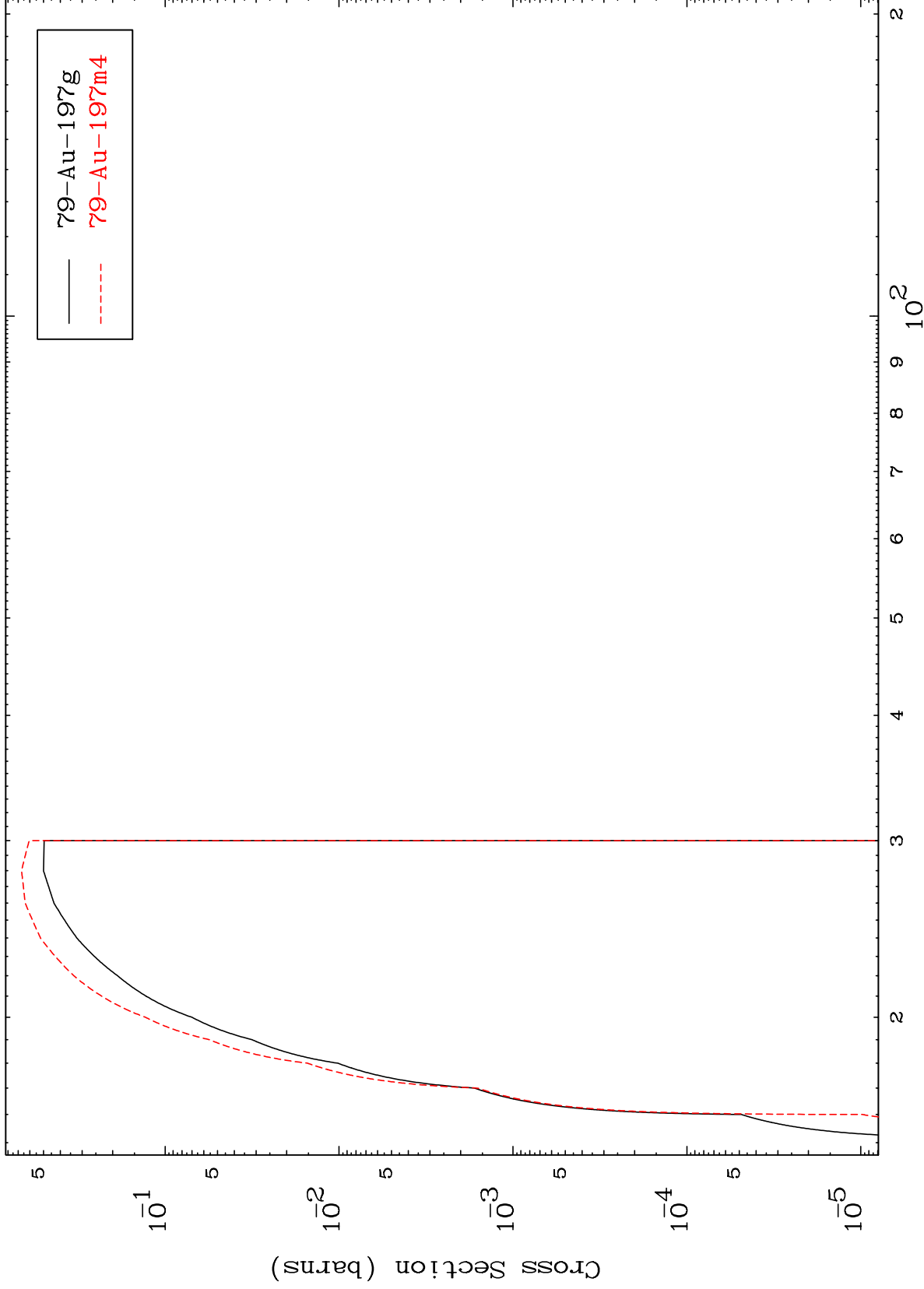


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(n,4n)

78-Pt-199m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

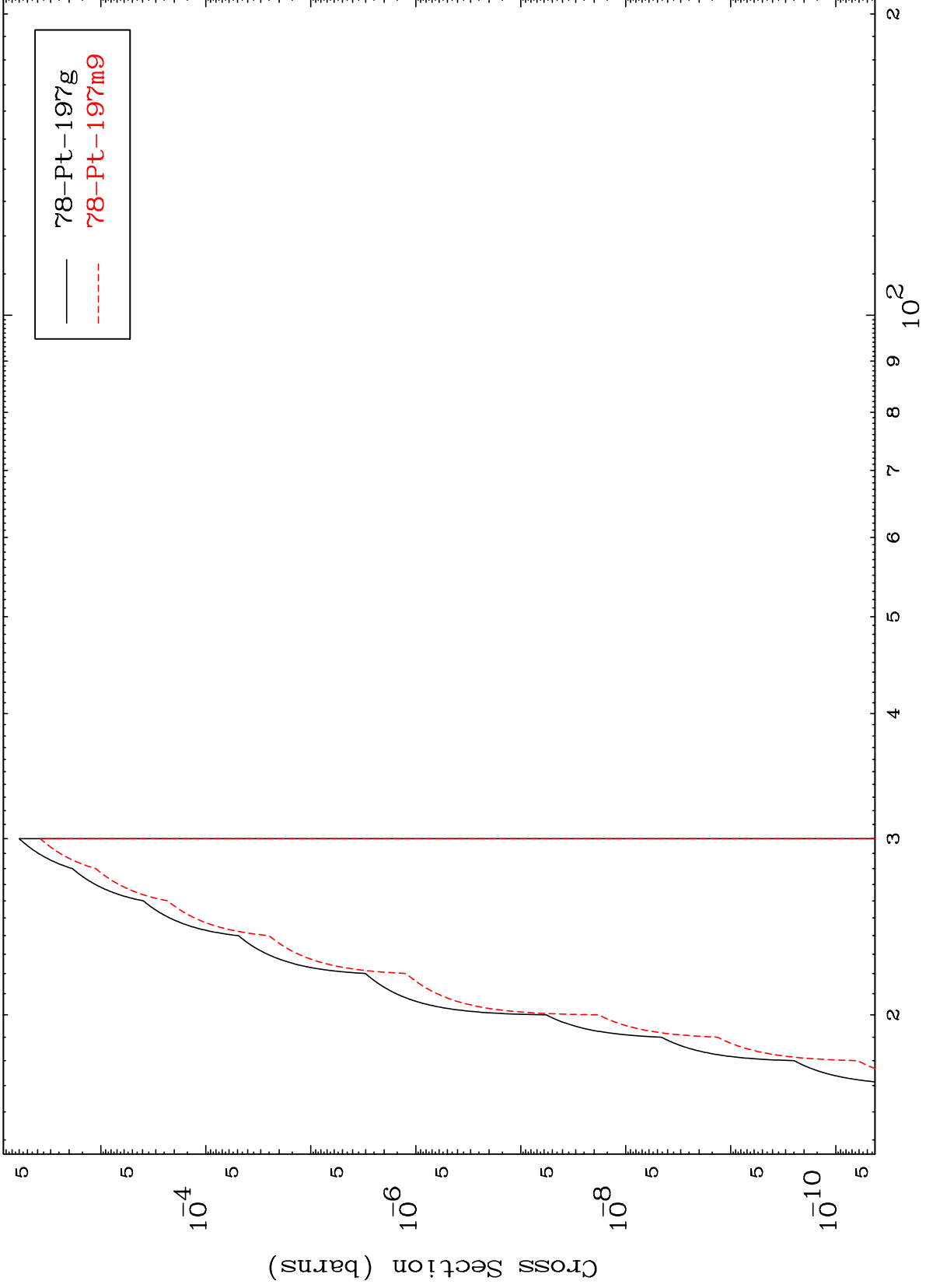
78-Pt-199m

MAT 7853

(n,3n) p

78-Pt-199m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

78-Pt-199m

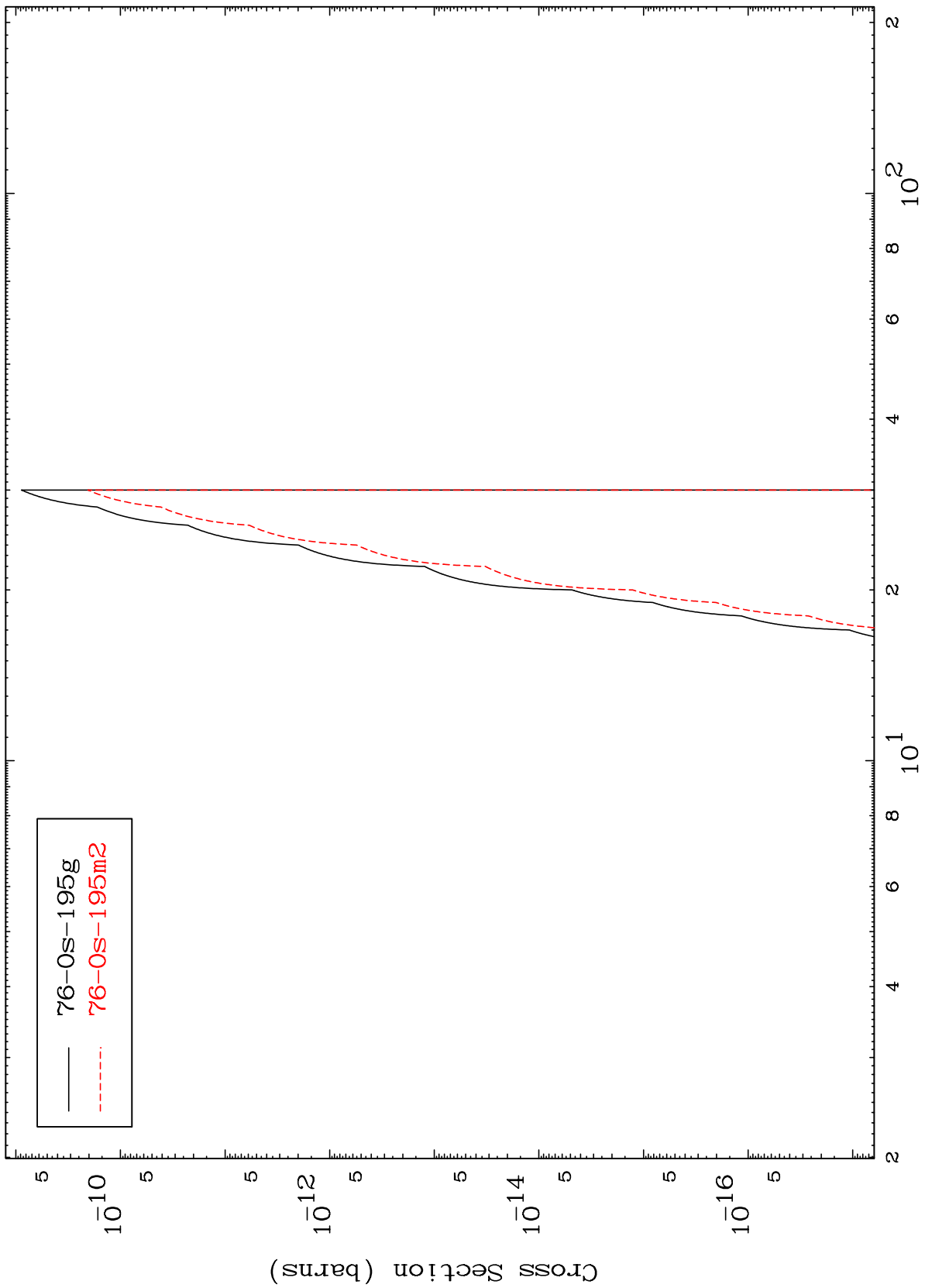


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(n,n') p  $\alpha$

78-Pt-199m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

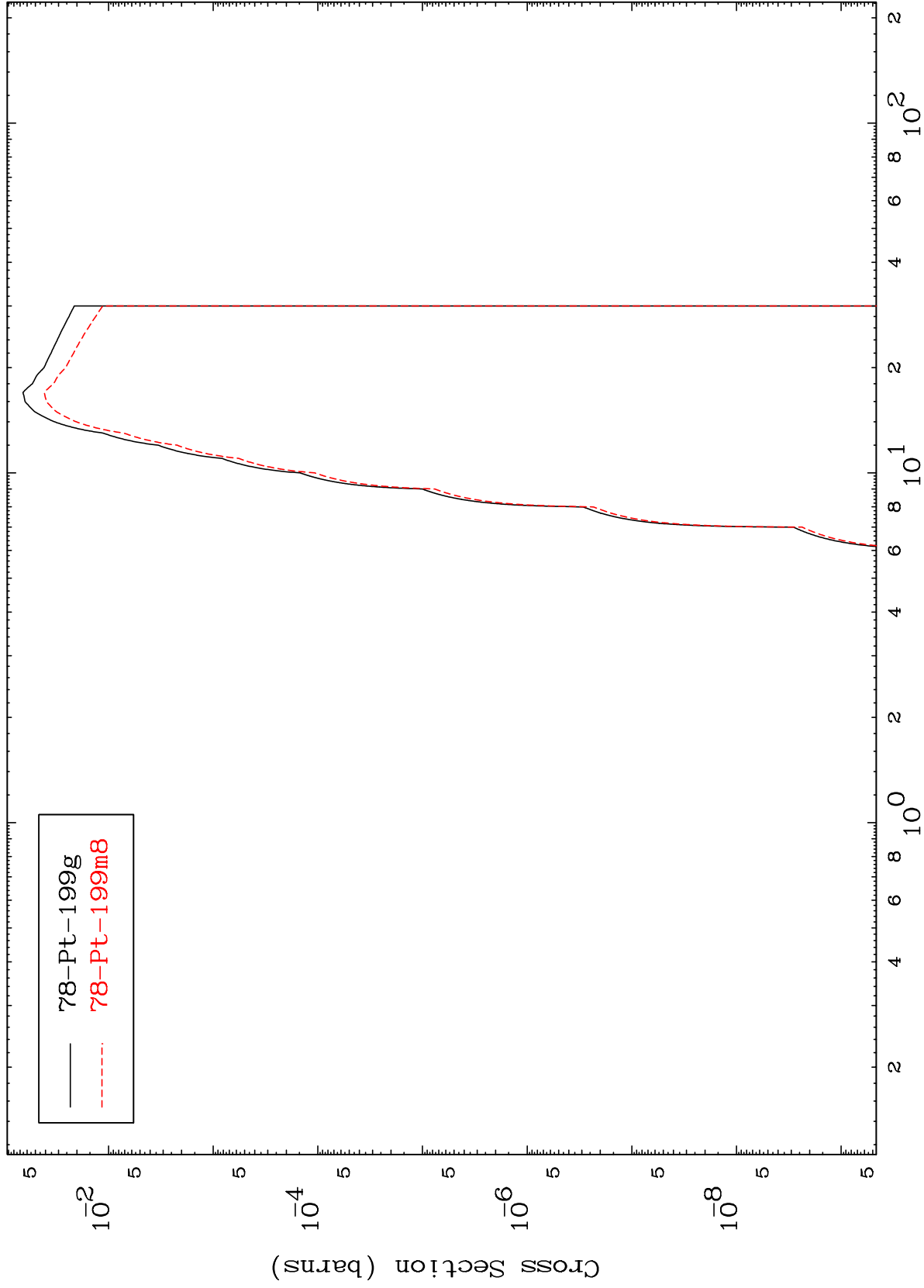
78-Pt-199m

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(n,d)

<sup>78</sup>Pt-199m

Radionuclide Production Cross Section



25

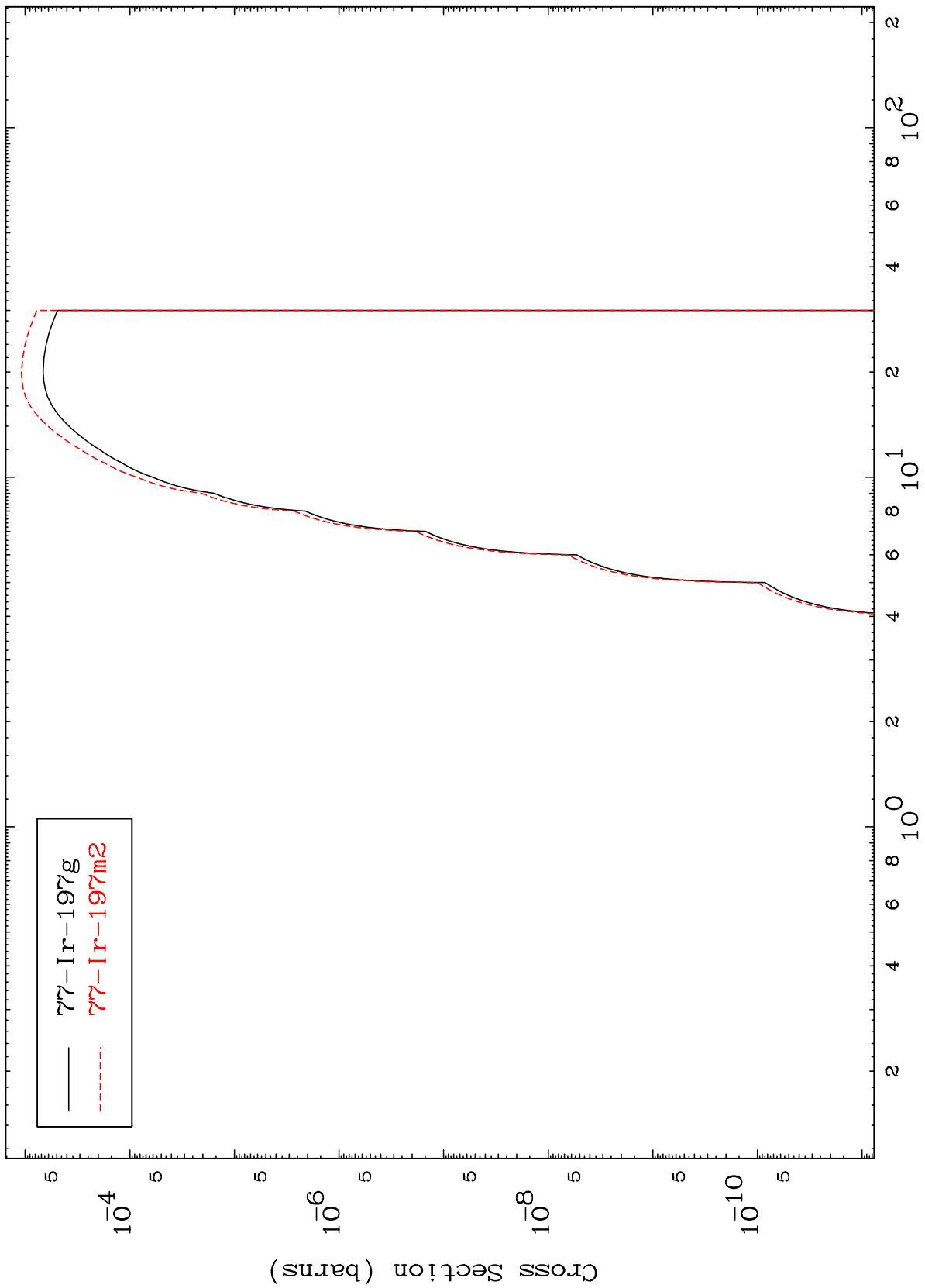
Incident Energy (MeV)

<sup>78</sup>Pt-199m

MAT 7853

78-Pt-199m

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



Incident Energy (MeV)

78-Pt-199m

26