

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

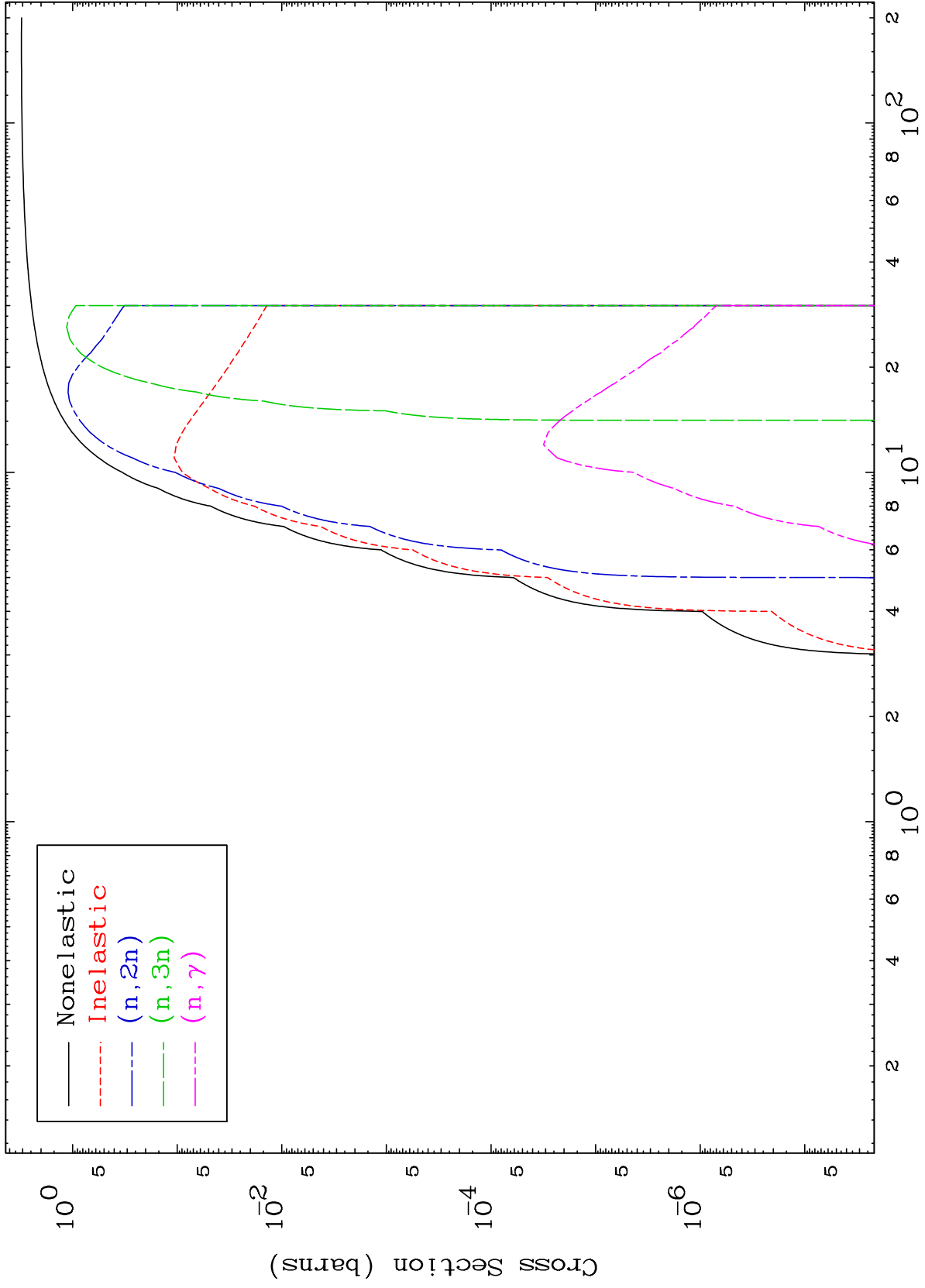
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

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

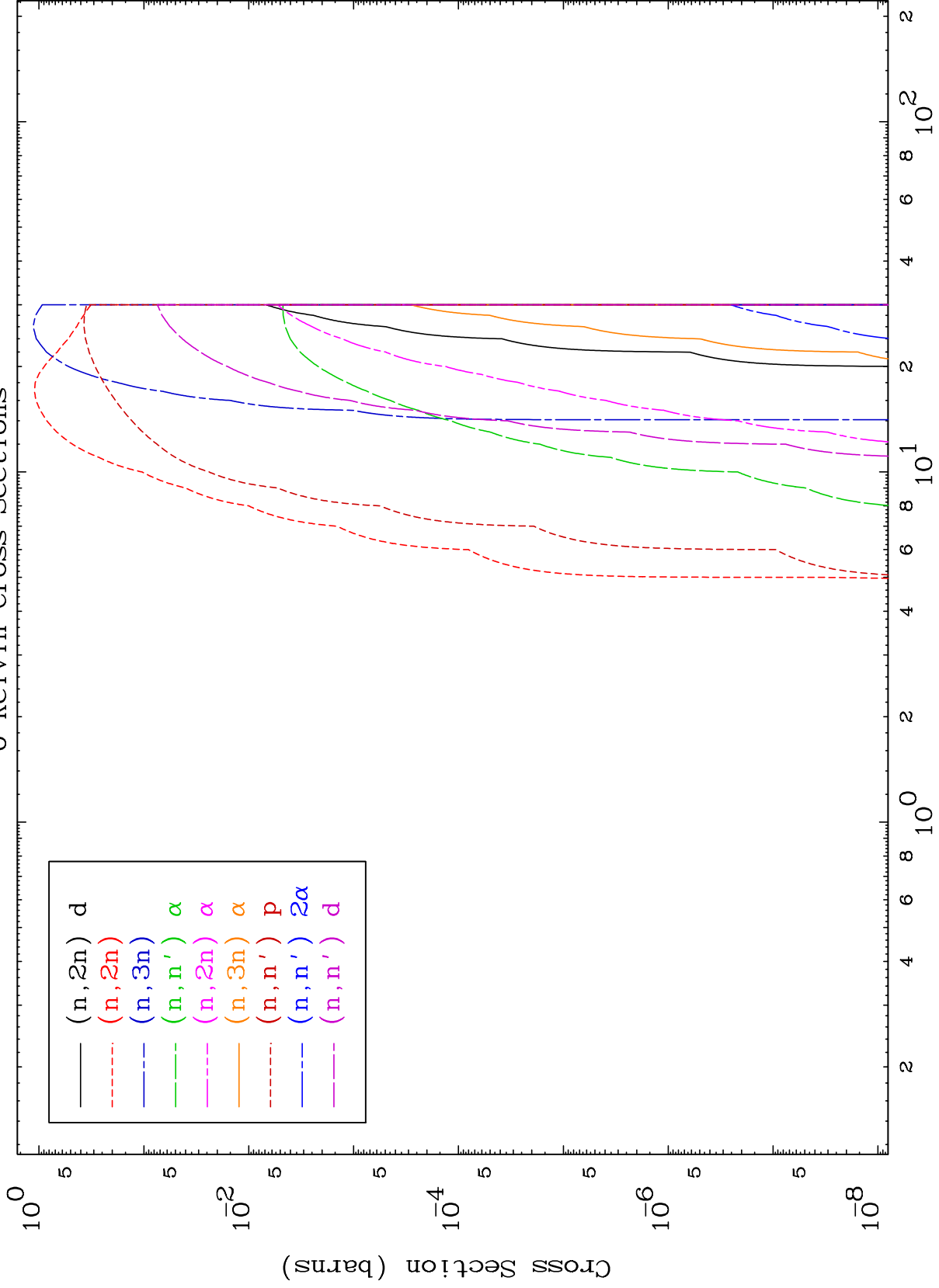
Press Mouse Button to Start

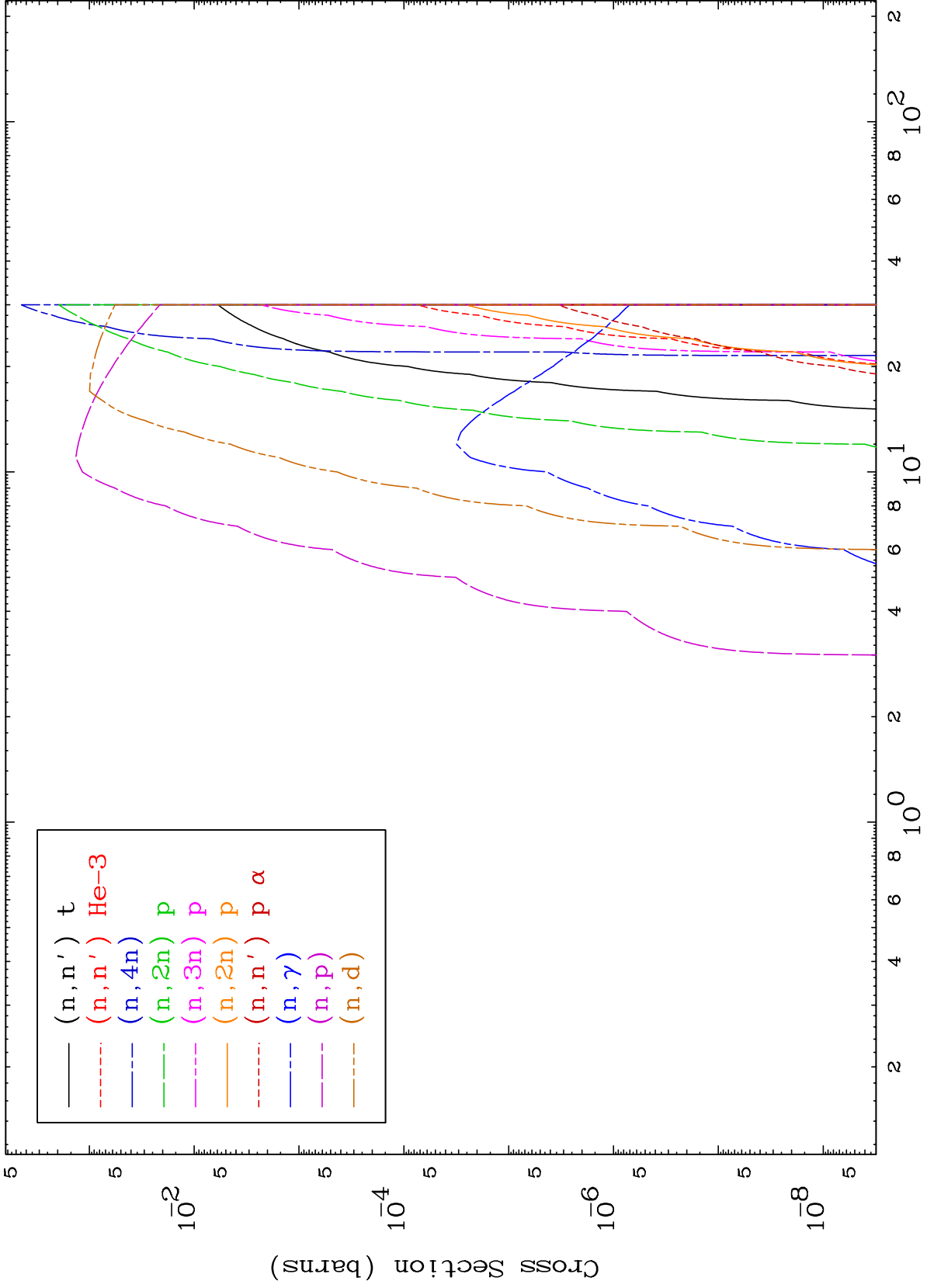


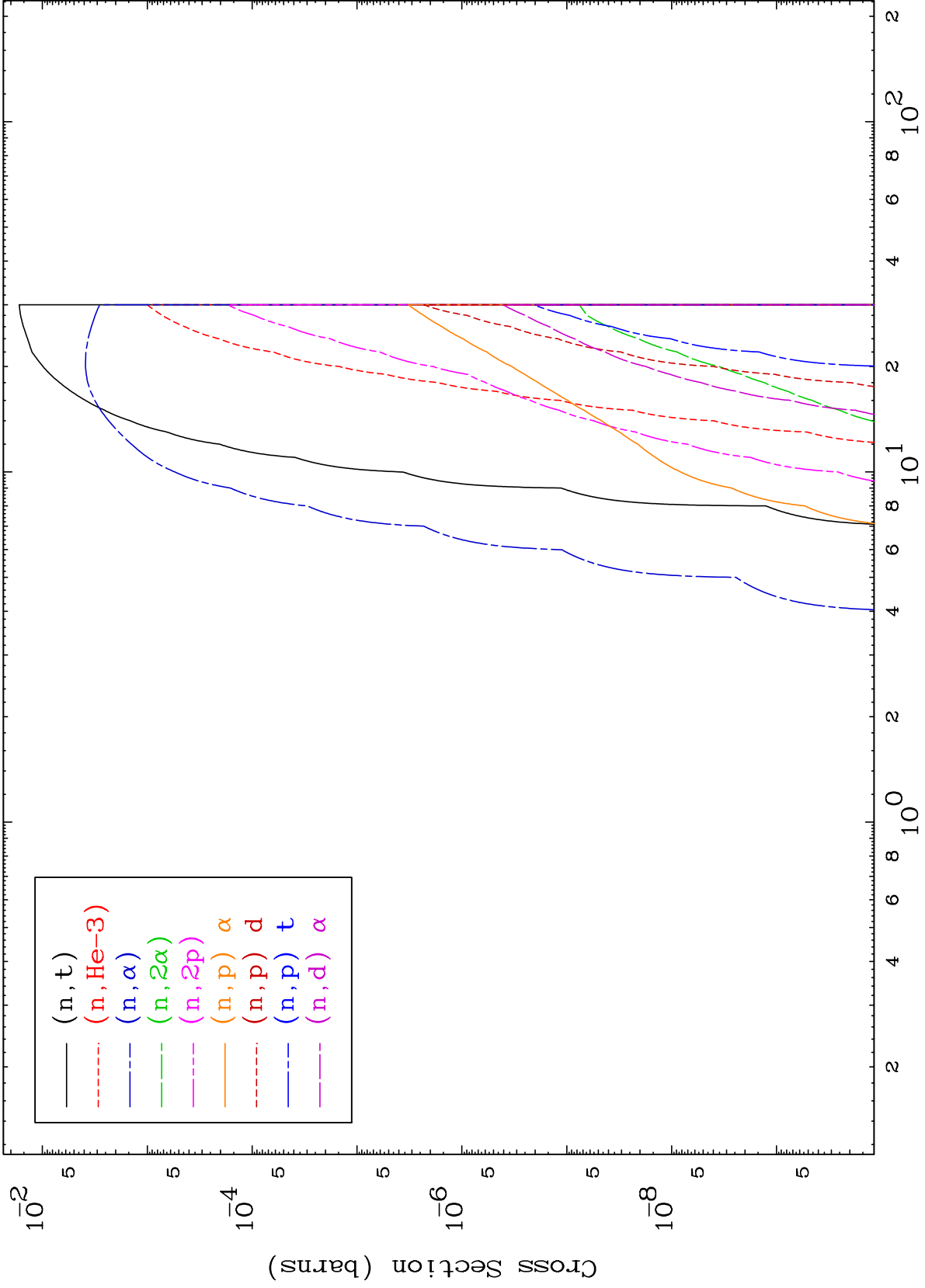
MAT 7828

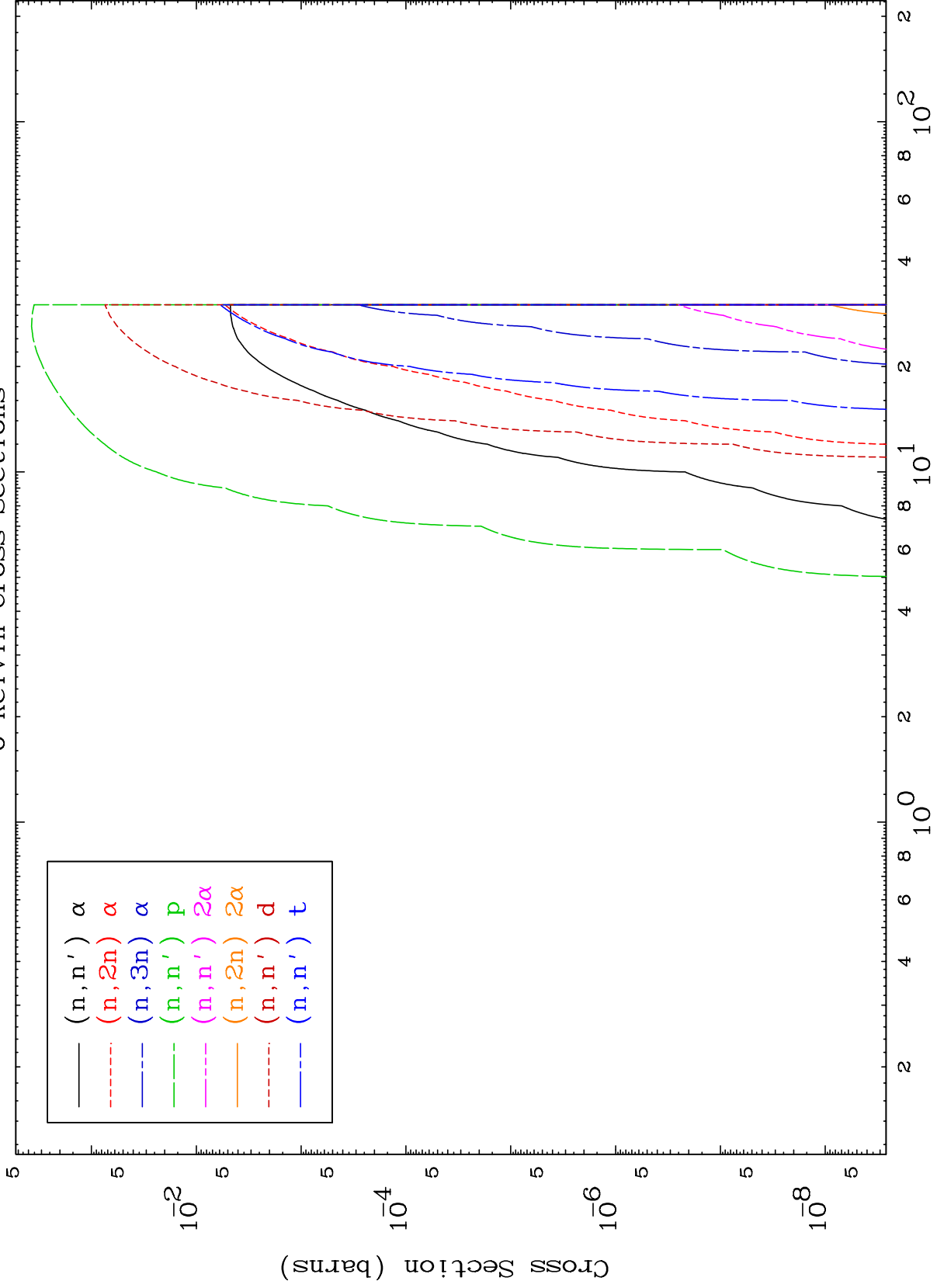
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

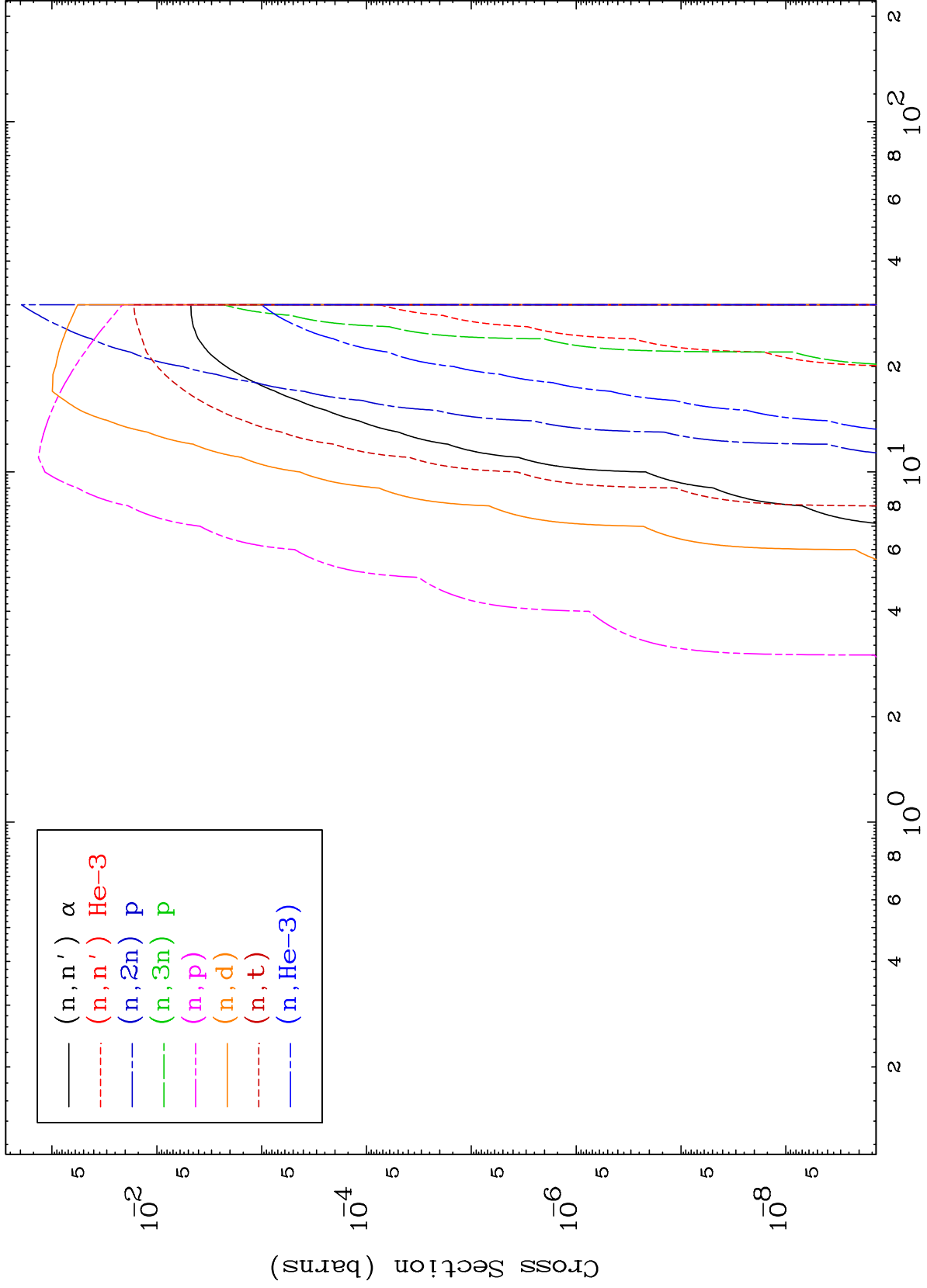
78-Pt-191

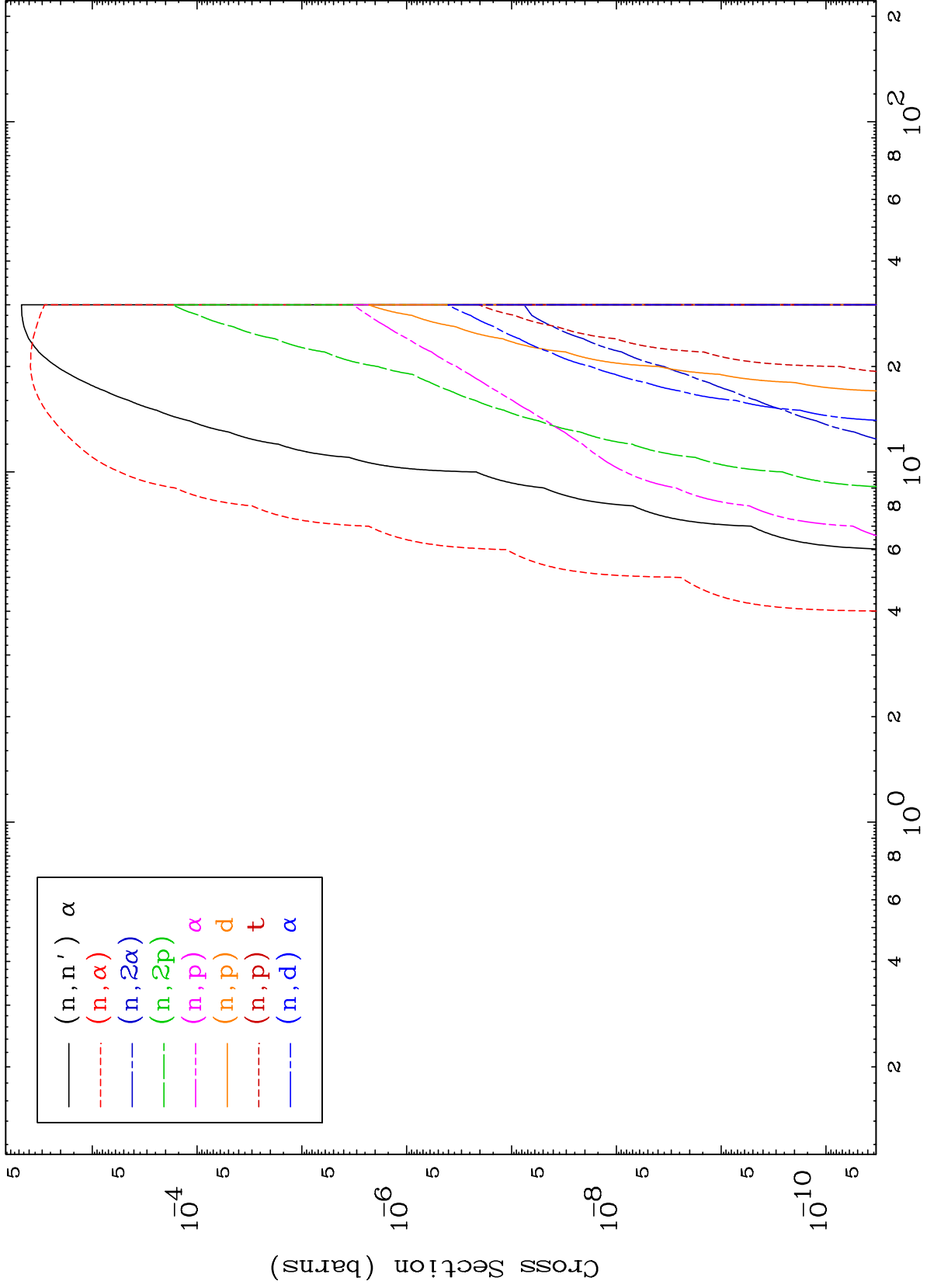












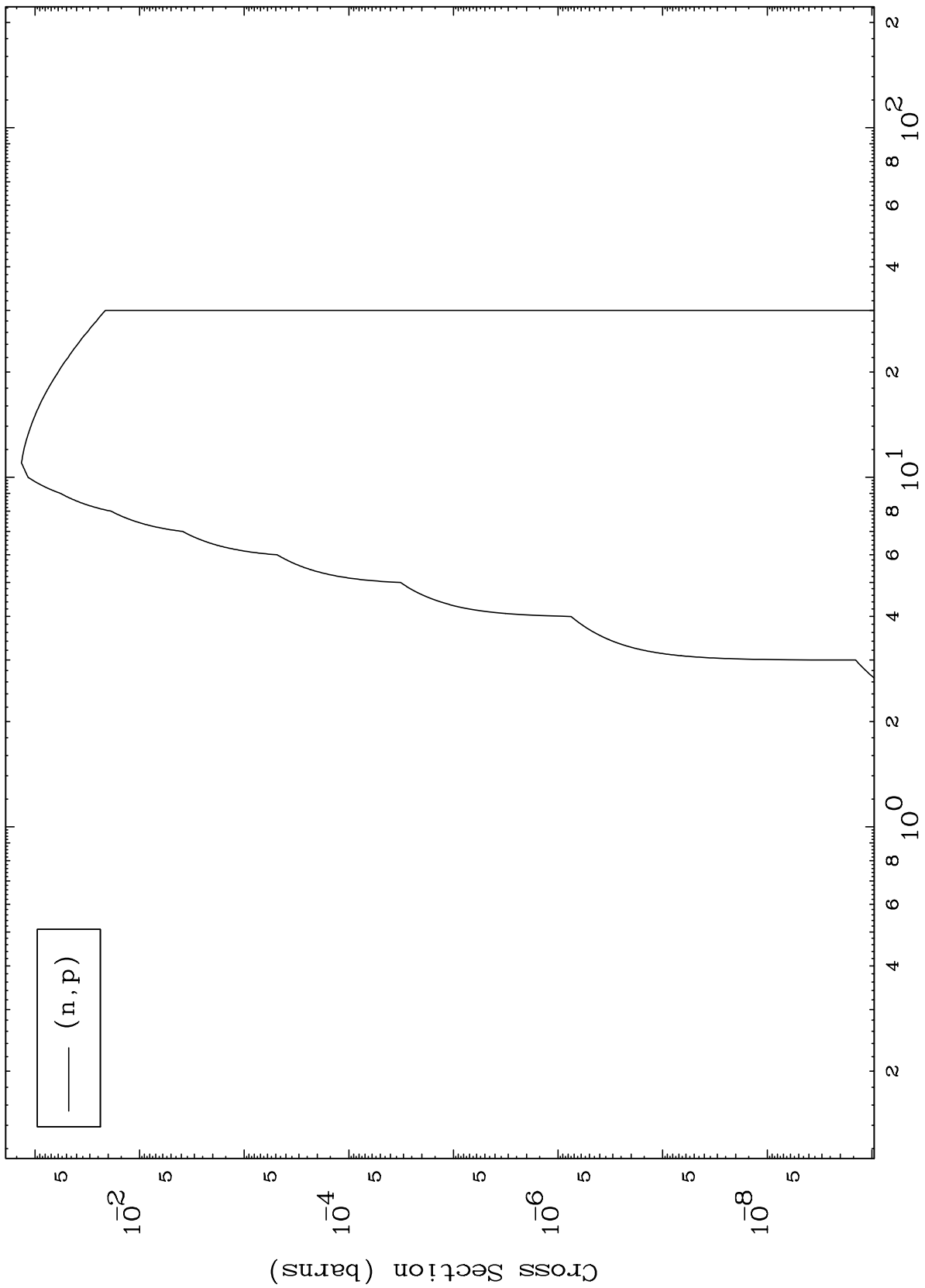


MAT 7828

(d,p) Levels

78-Pt-191

0 Kelvin Cross Sections



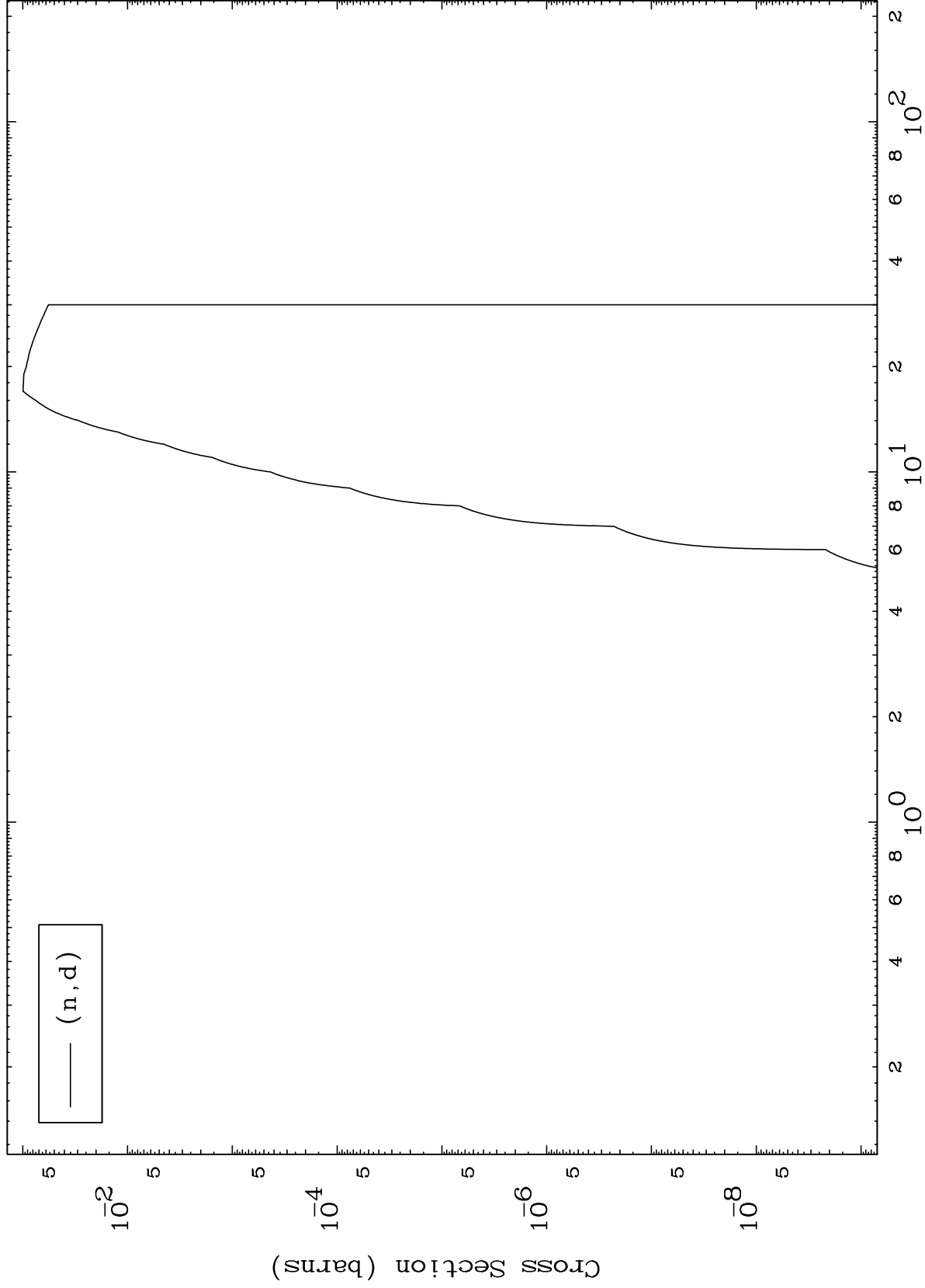
(n,p)

MAT 7828

(d,d) Levels

78-Pt-191

0 Kelvin Cross Sections

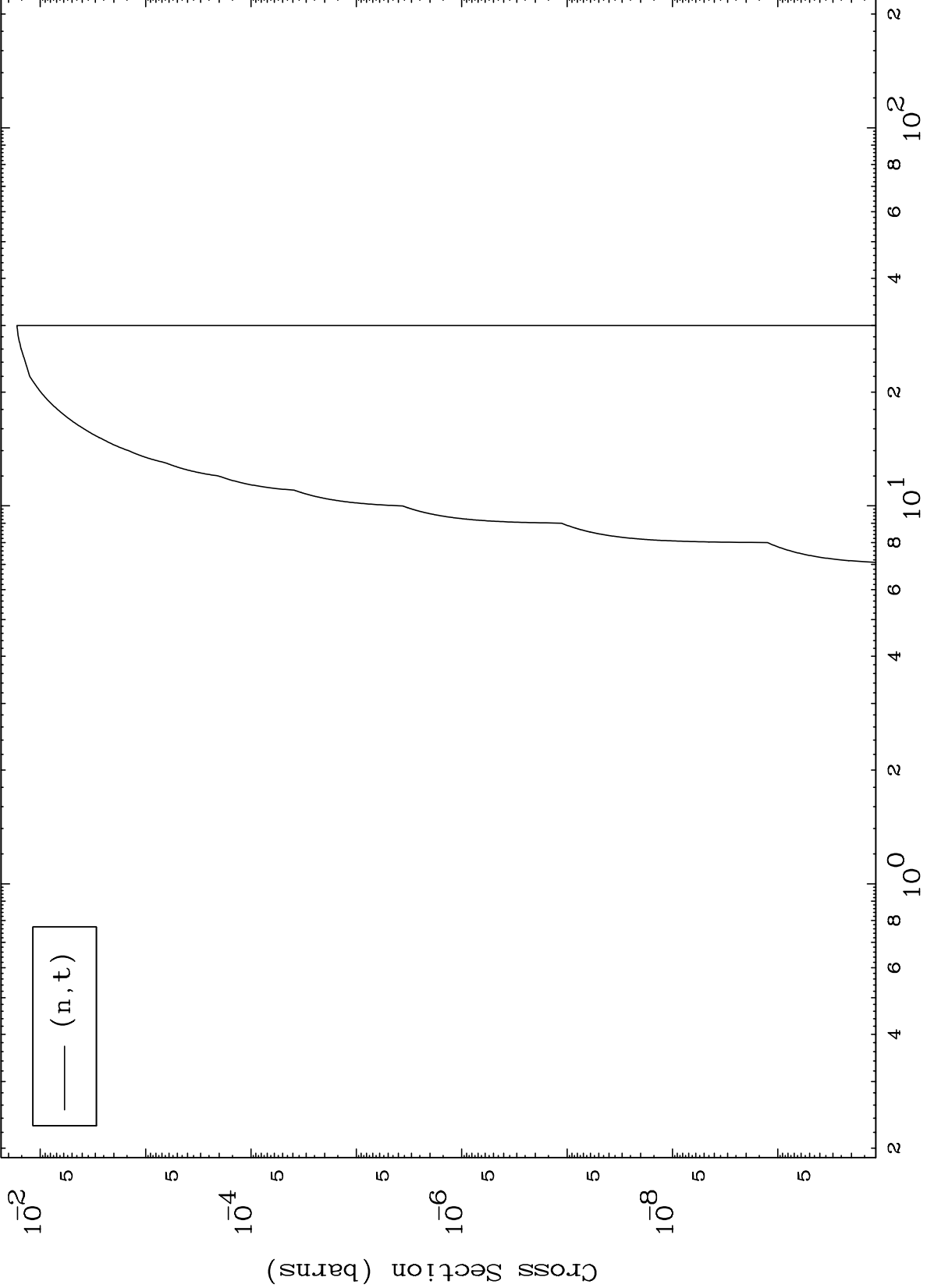


MAT 7828

(d, t) Levels

78-Pt-191

0 Kelvin Cross Sections



10

Incident Energy (MeV)

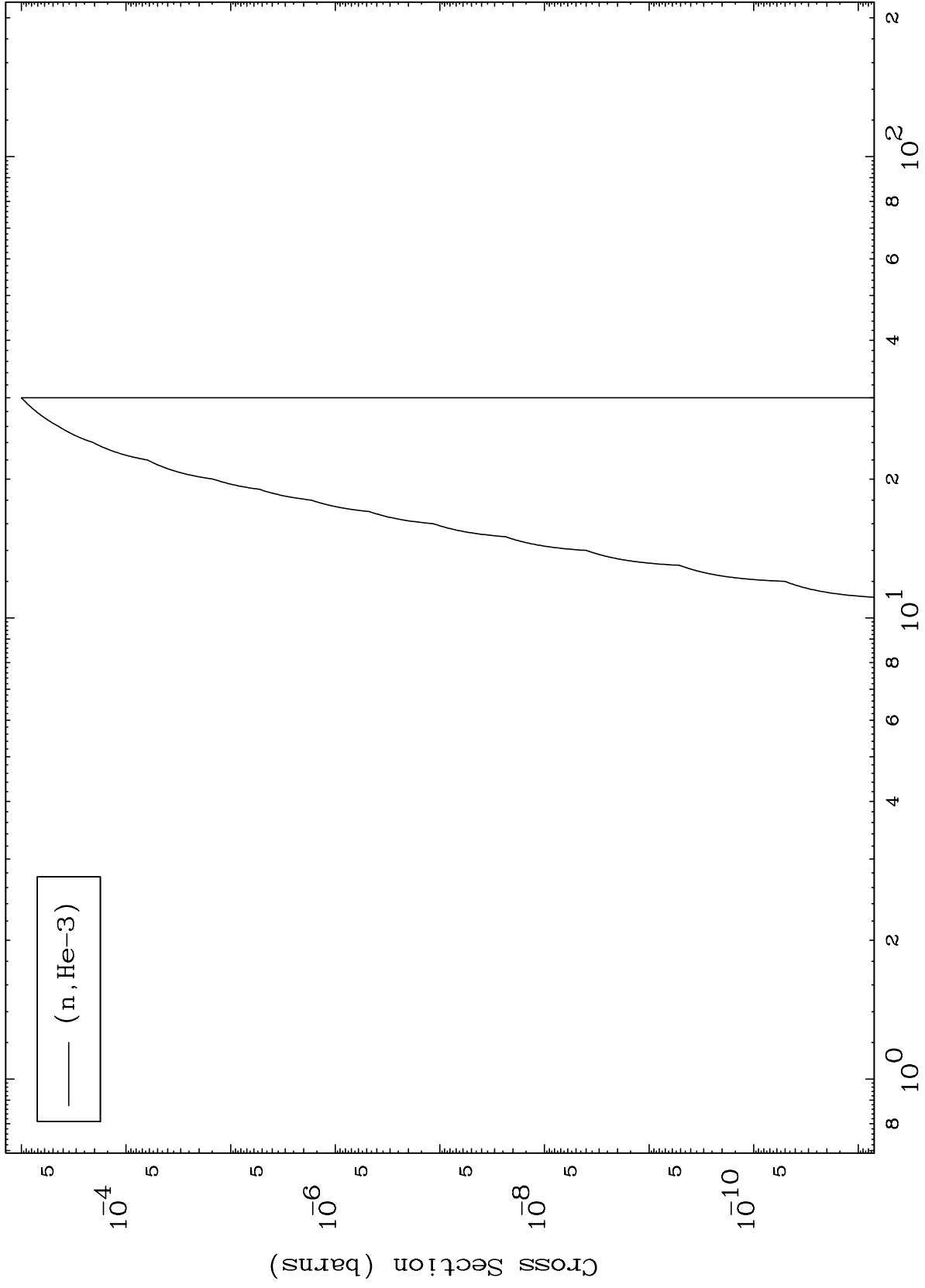
78-Pt-191

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(d,He3) Levels

78-Pt-191

0 Kelvin Cross Sections



11

Incident Energy (MeV)

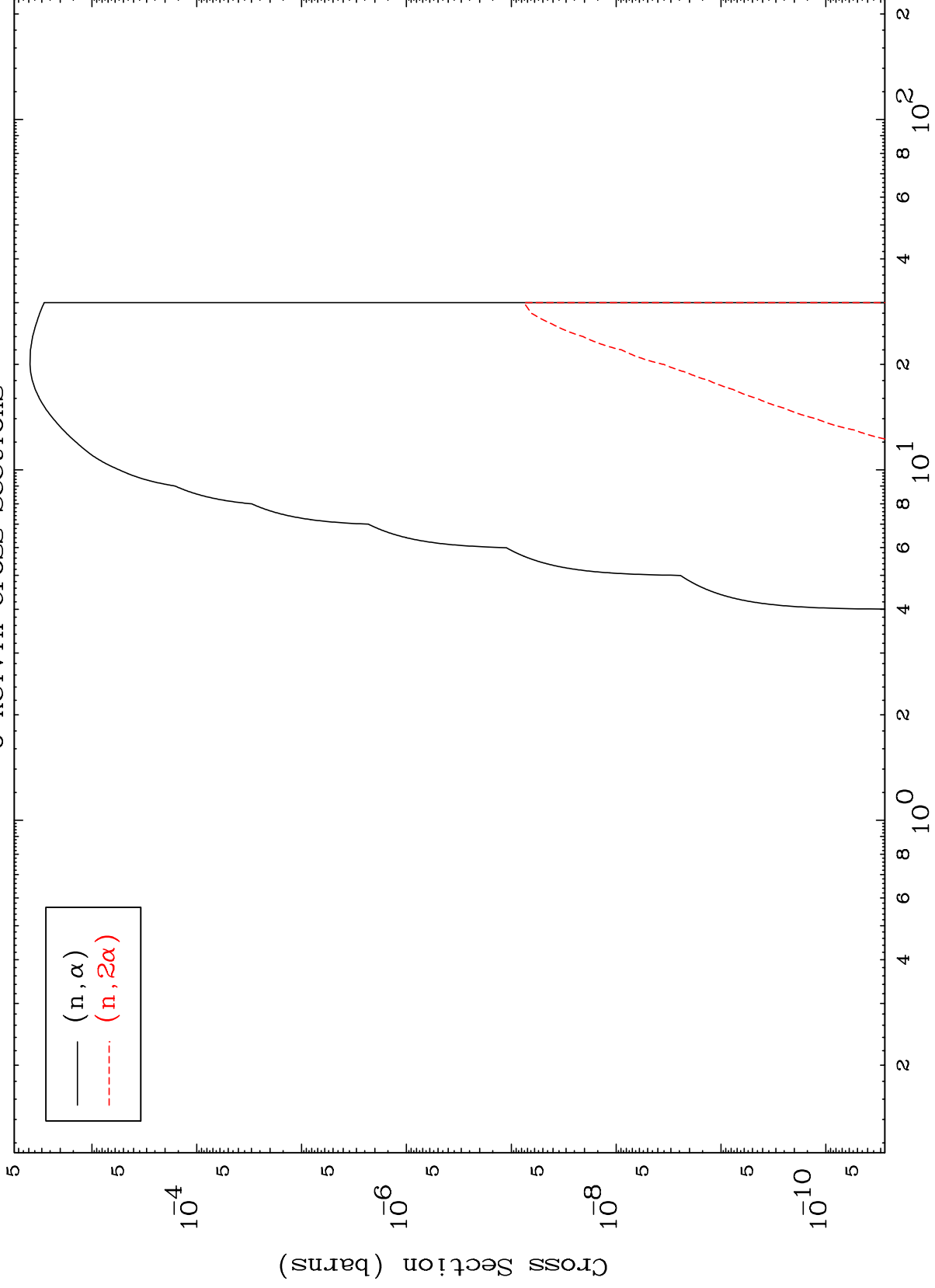
78-Pt-191

MAT 7828

(d,  $\alpha$ ) Levels

78-Pt-191

0 Kelvin Cross Sections



12

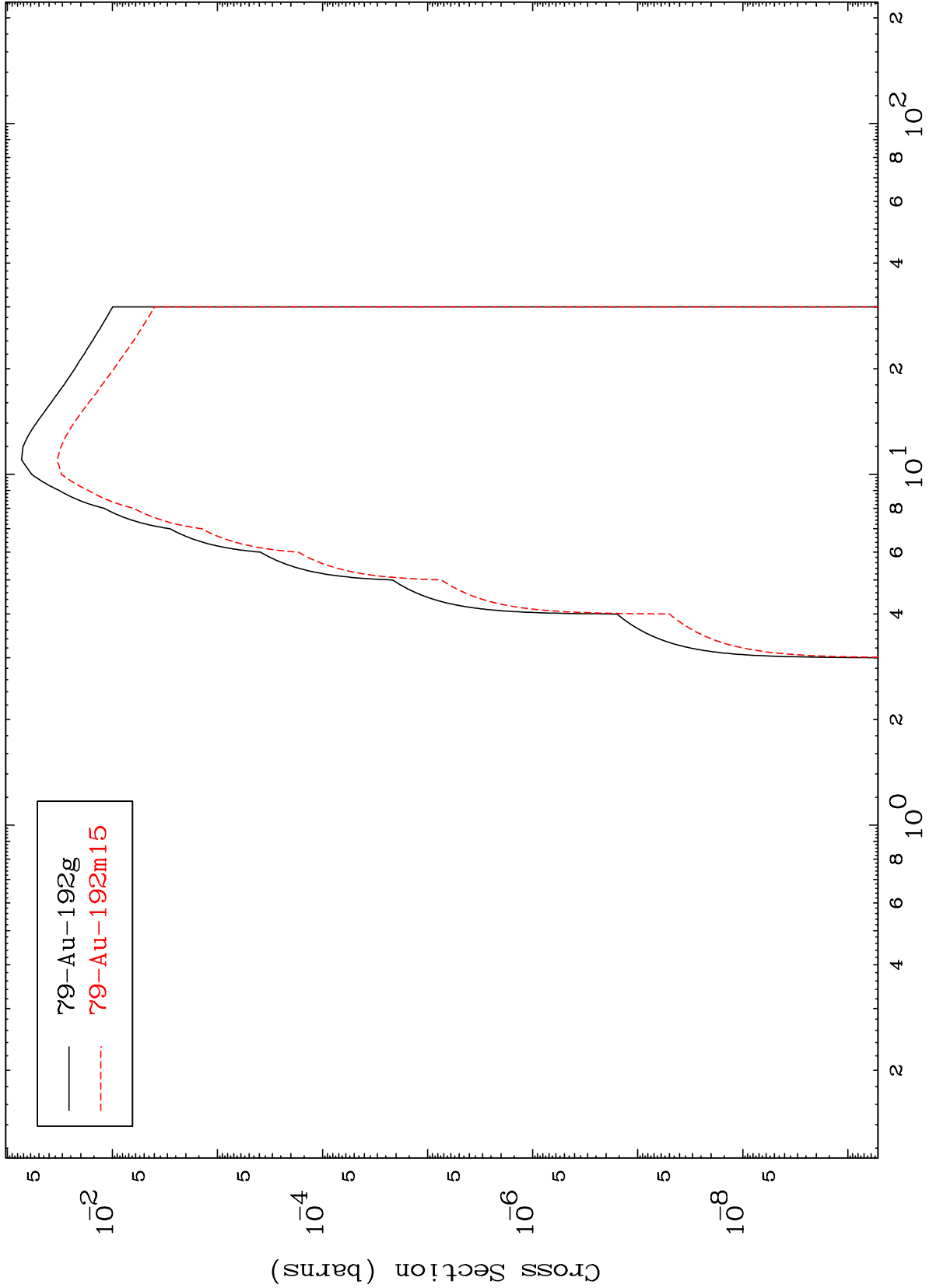
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

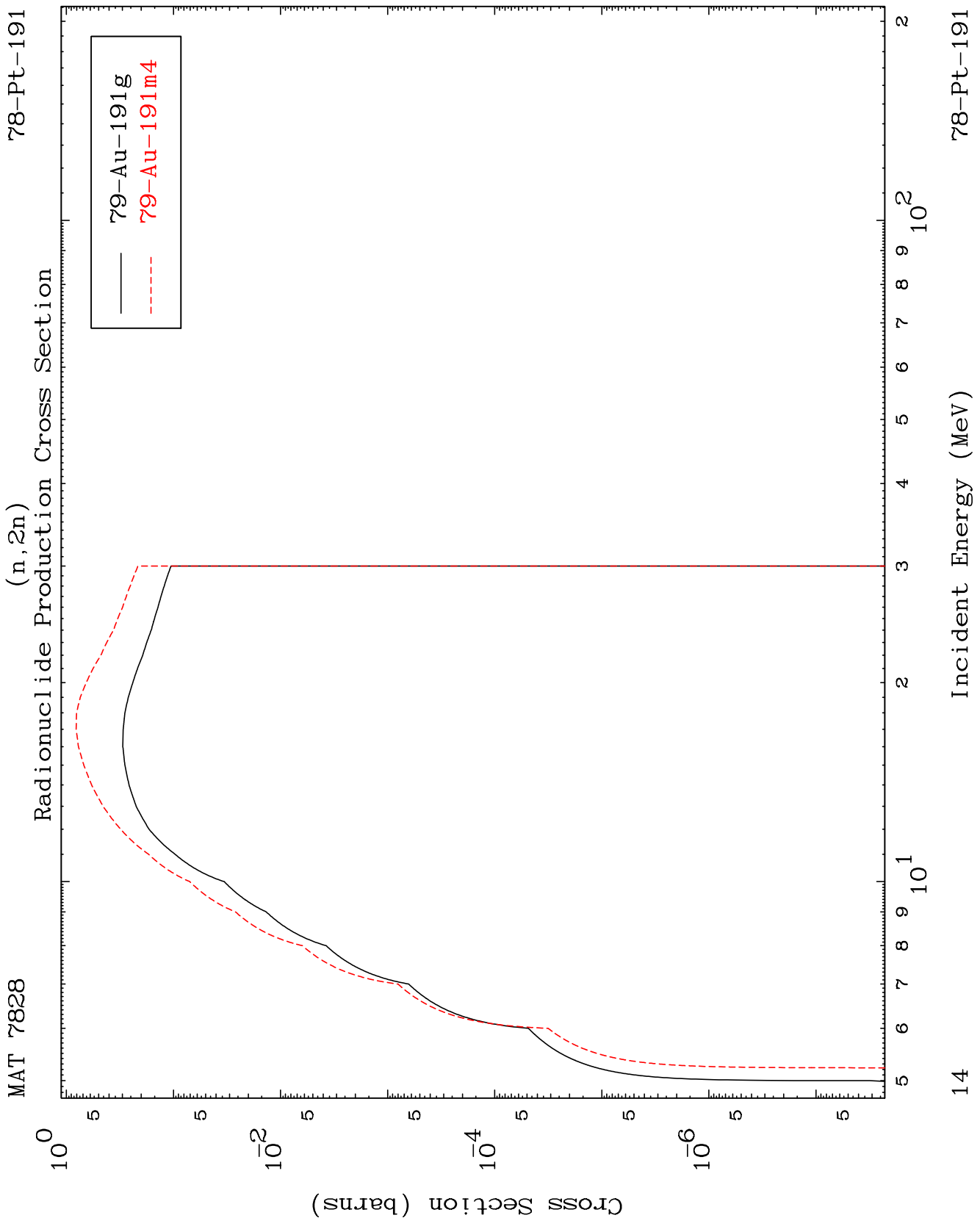
Inelastic  
Radionuclide Production Cross Section



13

78-Pt-191

Incident Energy (MeV)

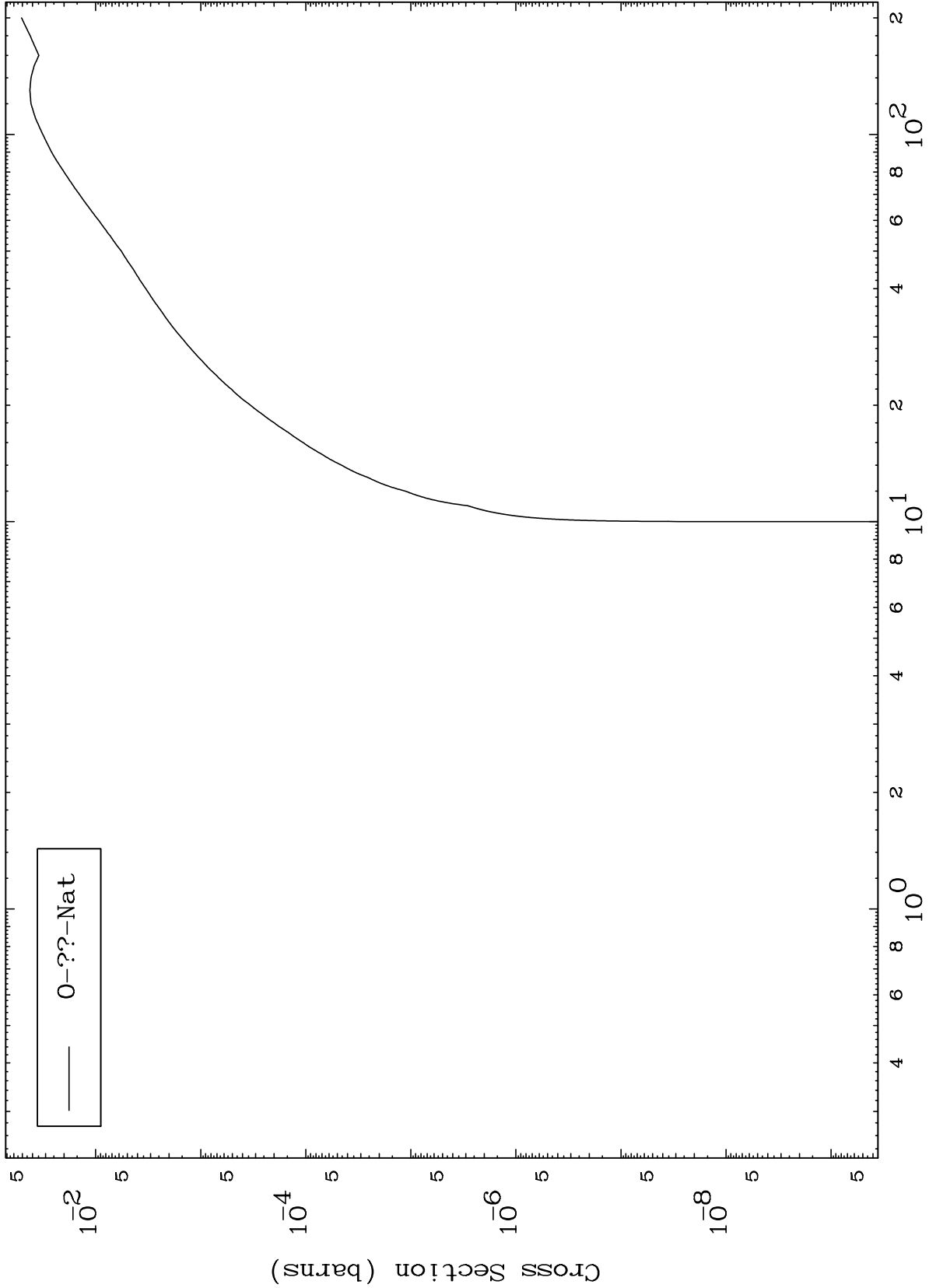


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Fission

78-Pt-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

78-Pt-191

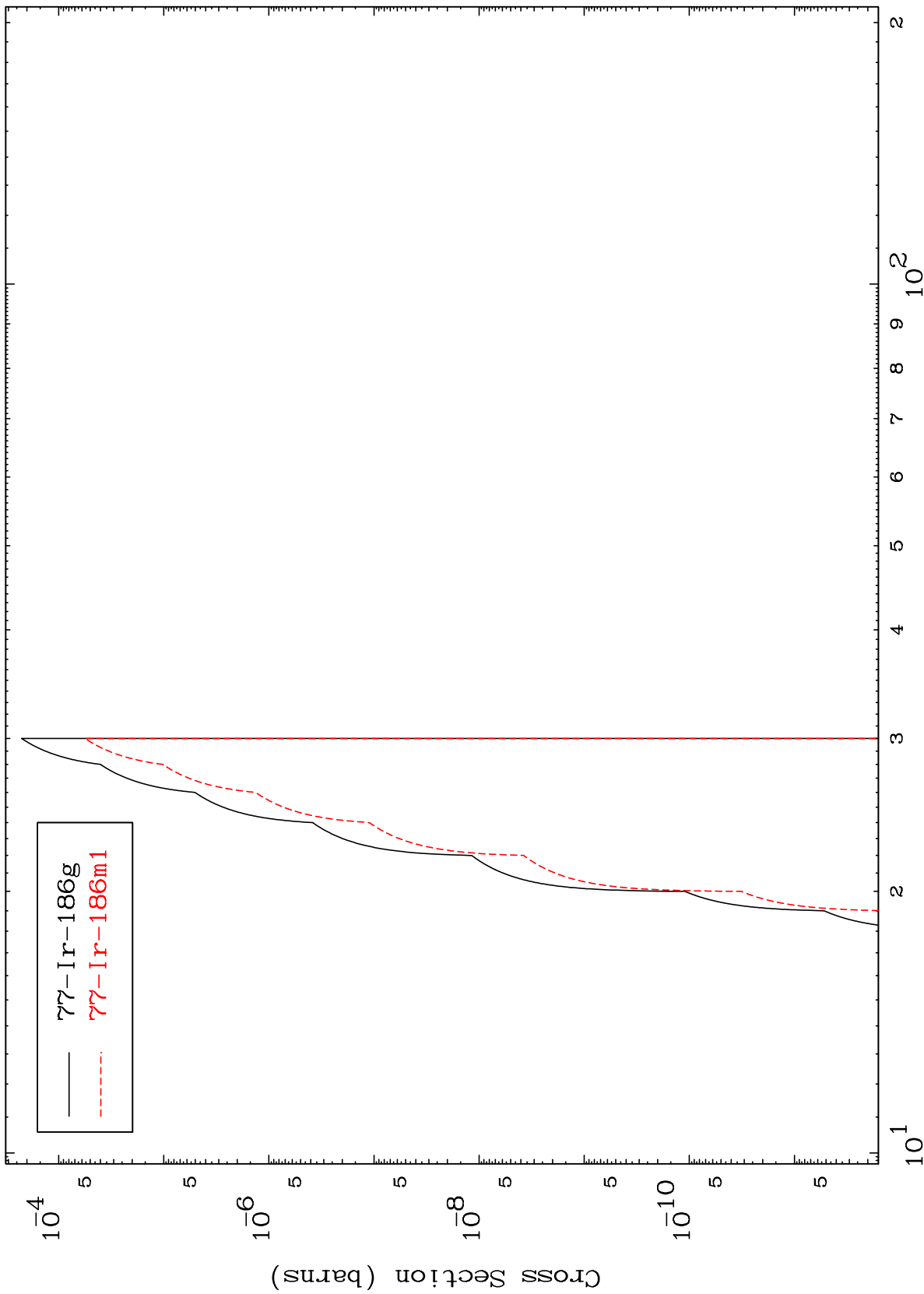


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(n,3n)  $\alpha$

78-Pt-191

Radionuclide Production Cross Section



—  $^{77}\text{Ir-186g}$   
- - -  $^{77}\text{Ir-186m1}$

Incident Energy (MeV)

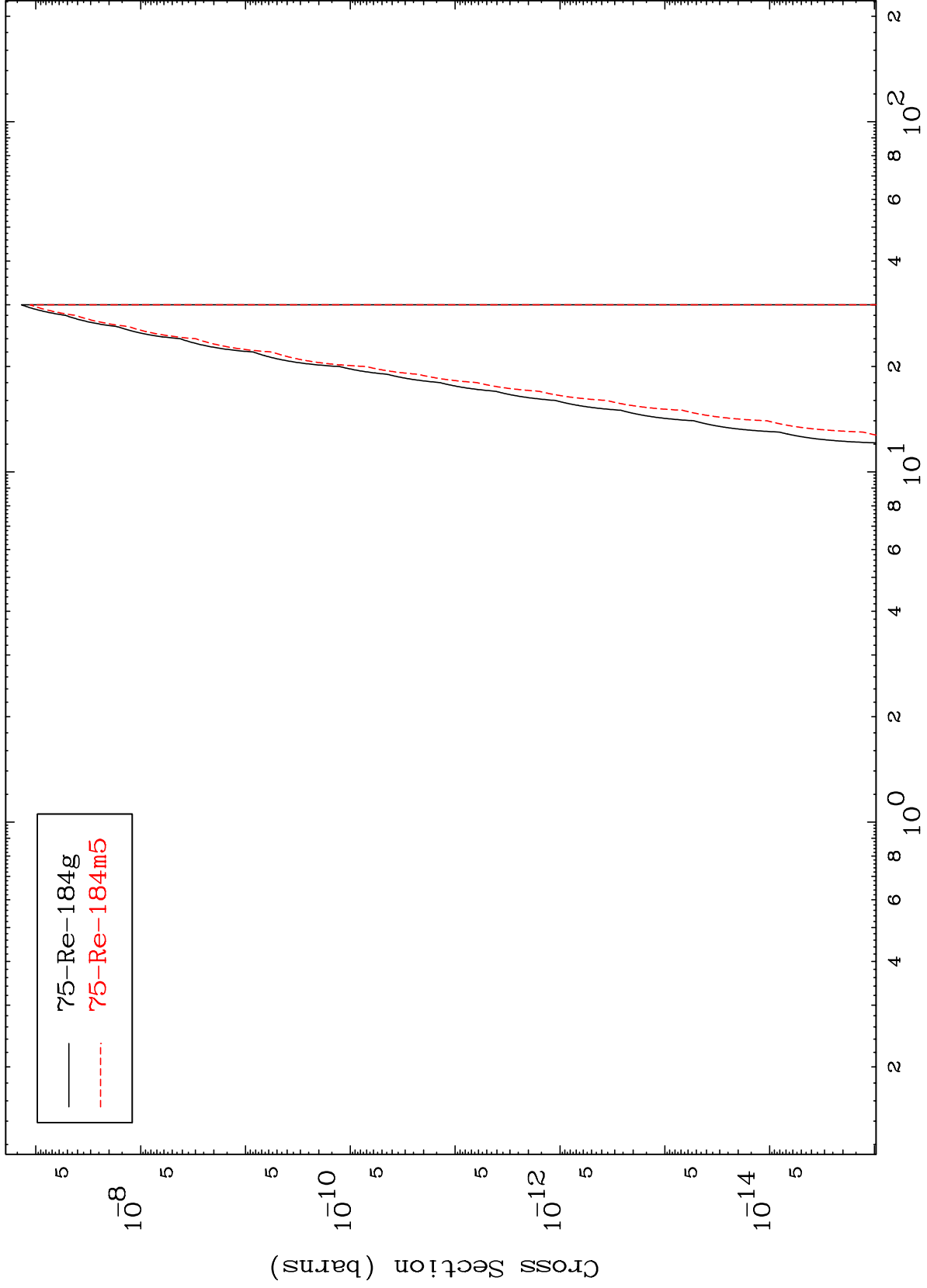
78-Pt-191

MAT 7828

(n,n') 2 $\alpha$

78-Pt-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

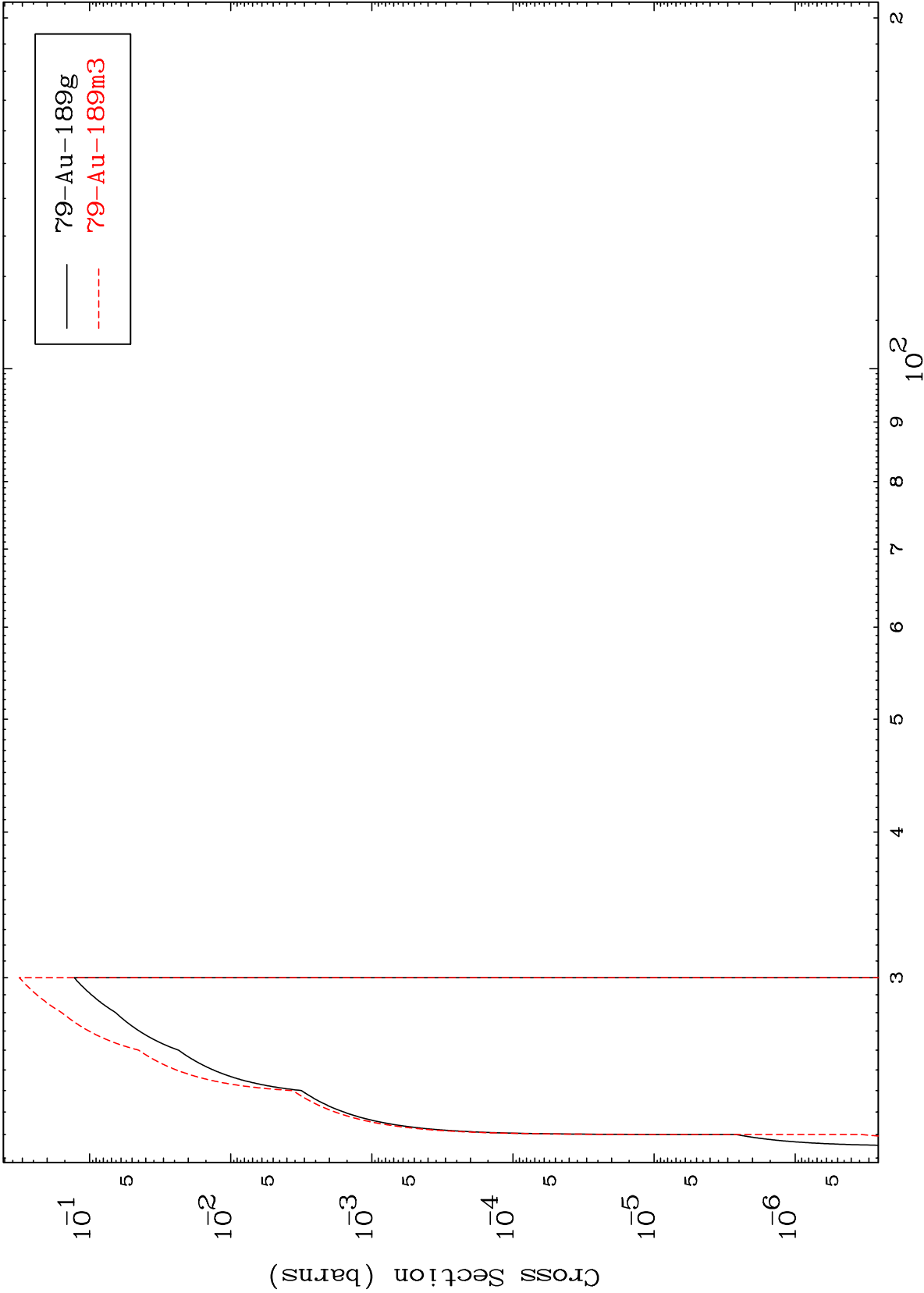
78-Pt-191

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(n,4n)

78-Pt-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

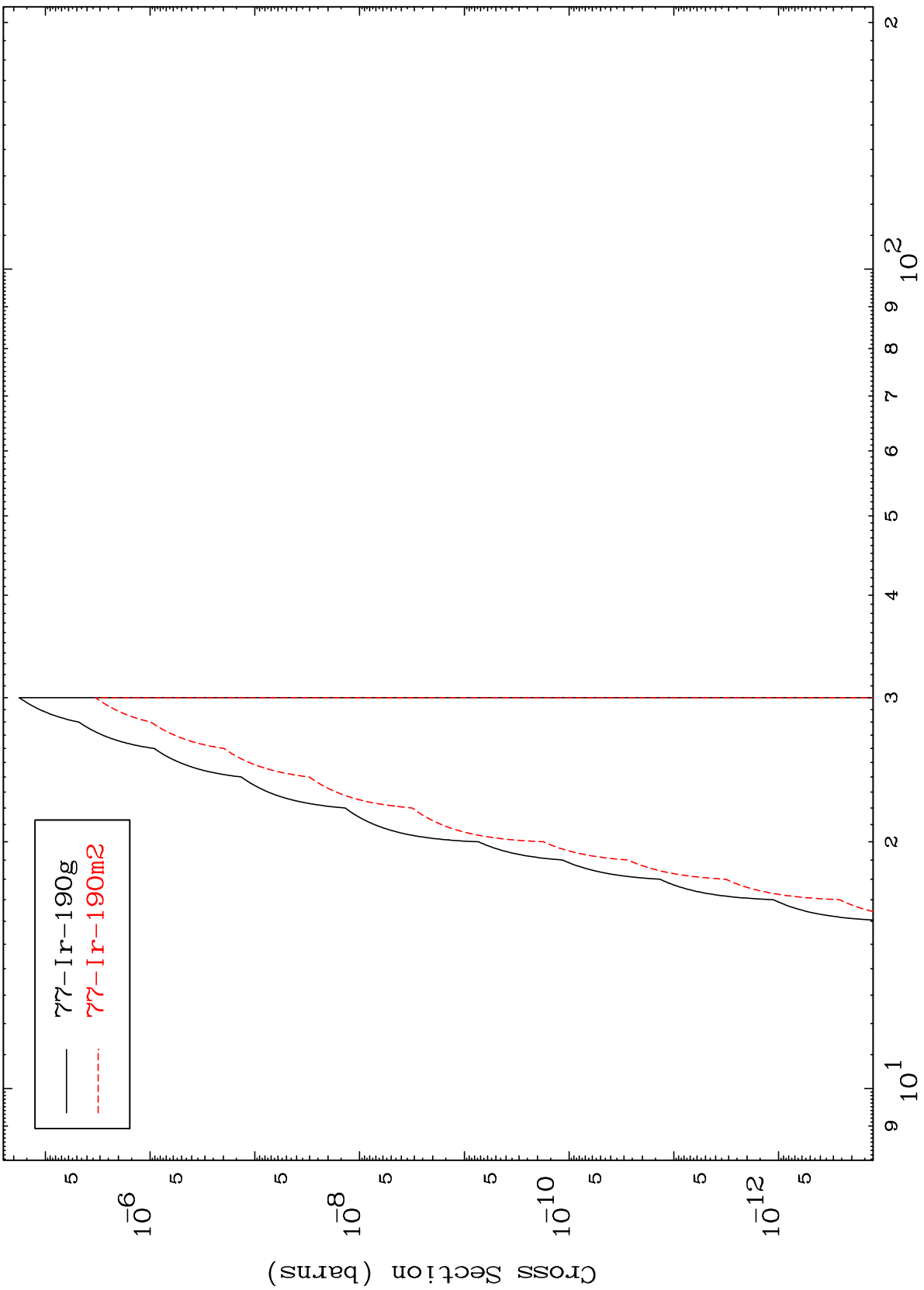
78-Pt-191

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(n,2n) p

78-Pt-191

Radionuclide Production Cross Section



19

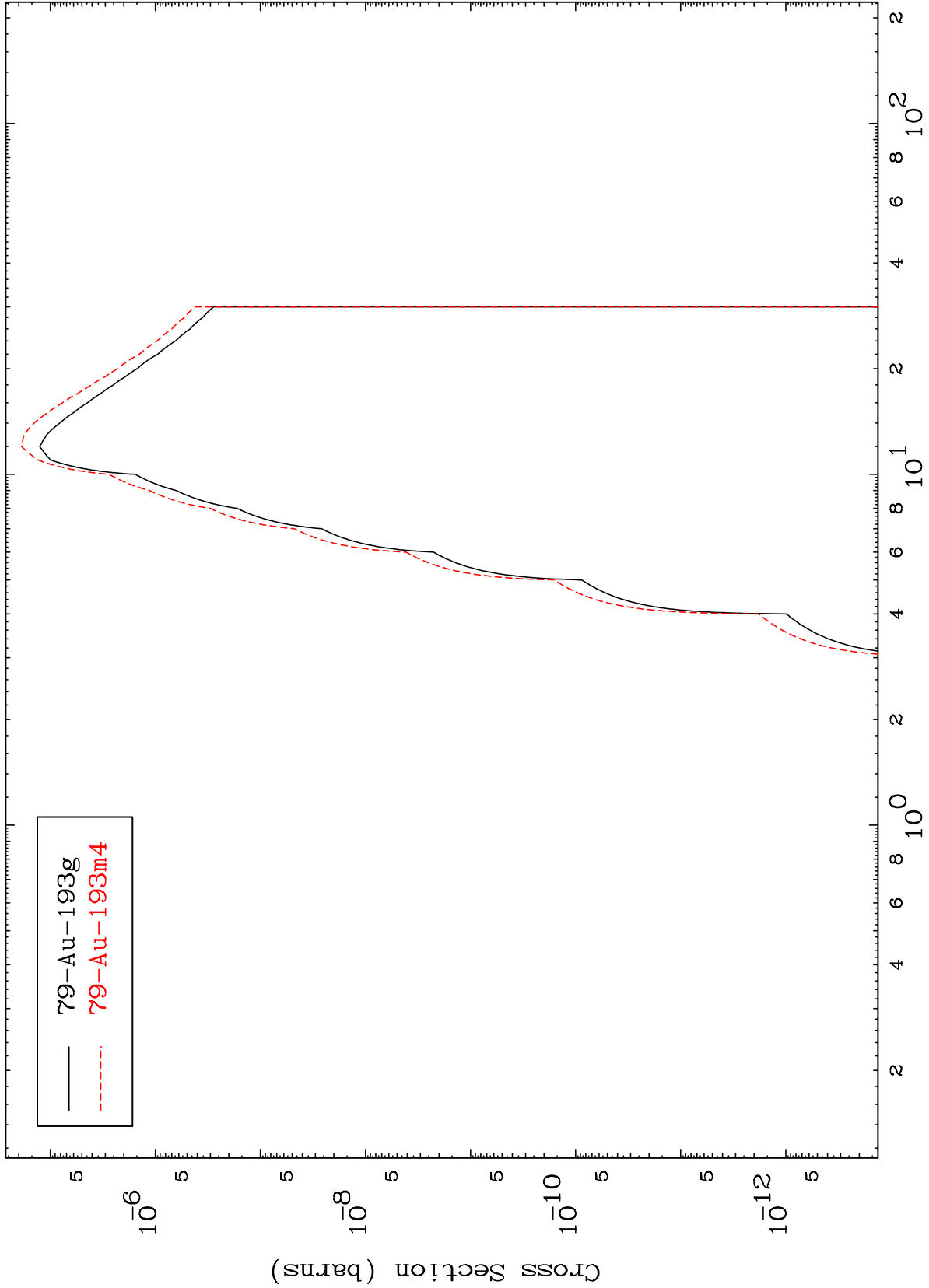
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

(n,γ)  
Radionuclide Production Cross Section



20

78-Pt-191

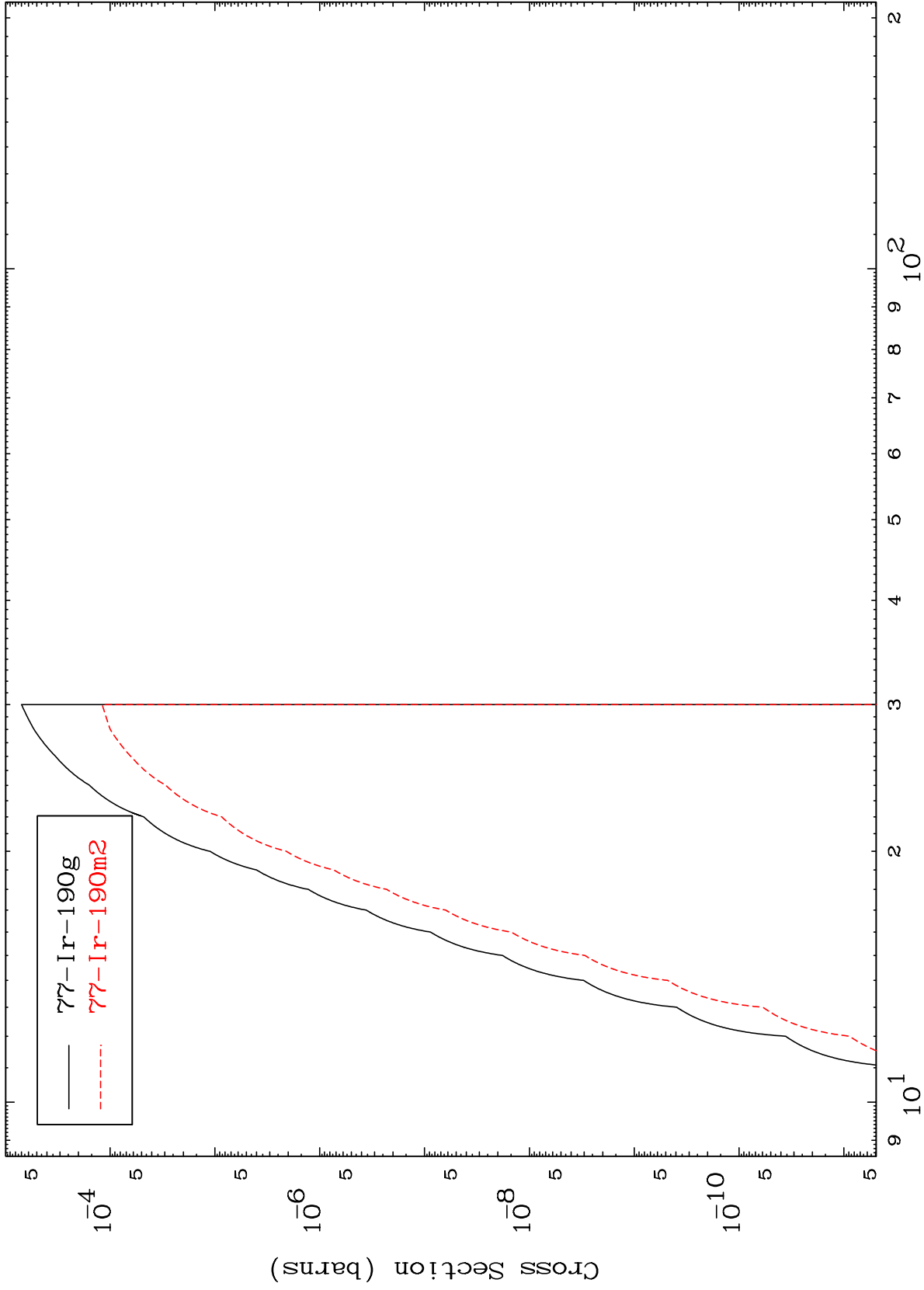
Incident Energy (MeV)

MAT 7828

(n,He-3)

78-Pt-191

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-191

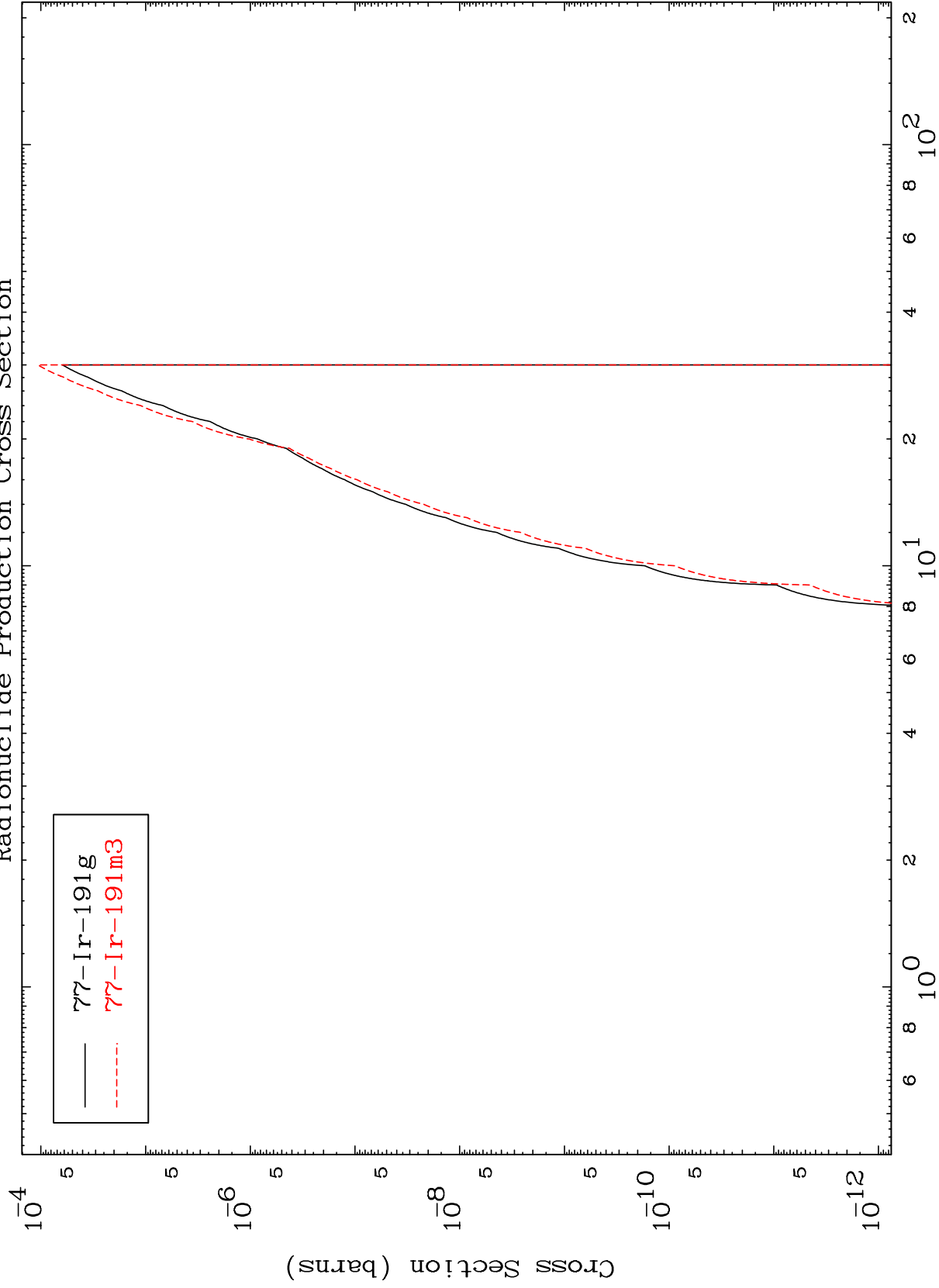
21

MAT 7828

(n,2p)

78-Pt-191

Radionuclide Production Cross Section



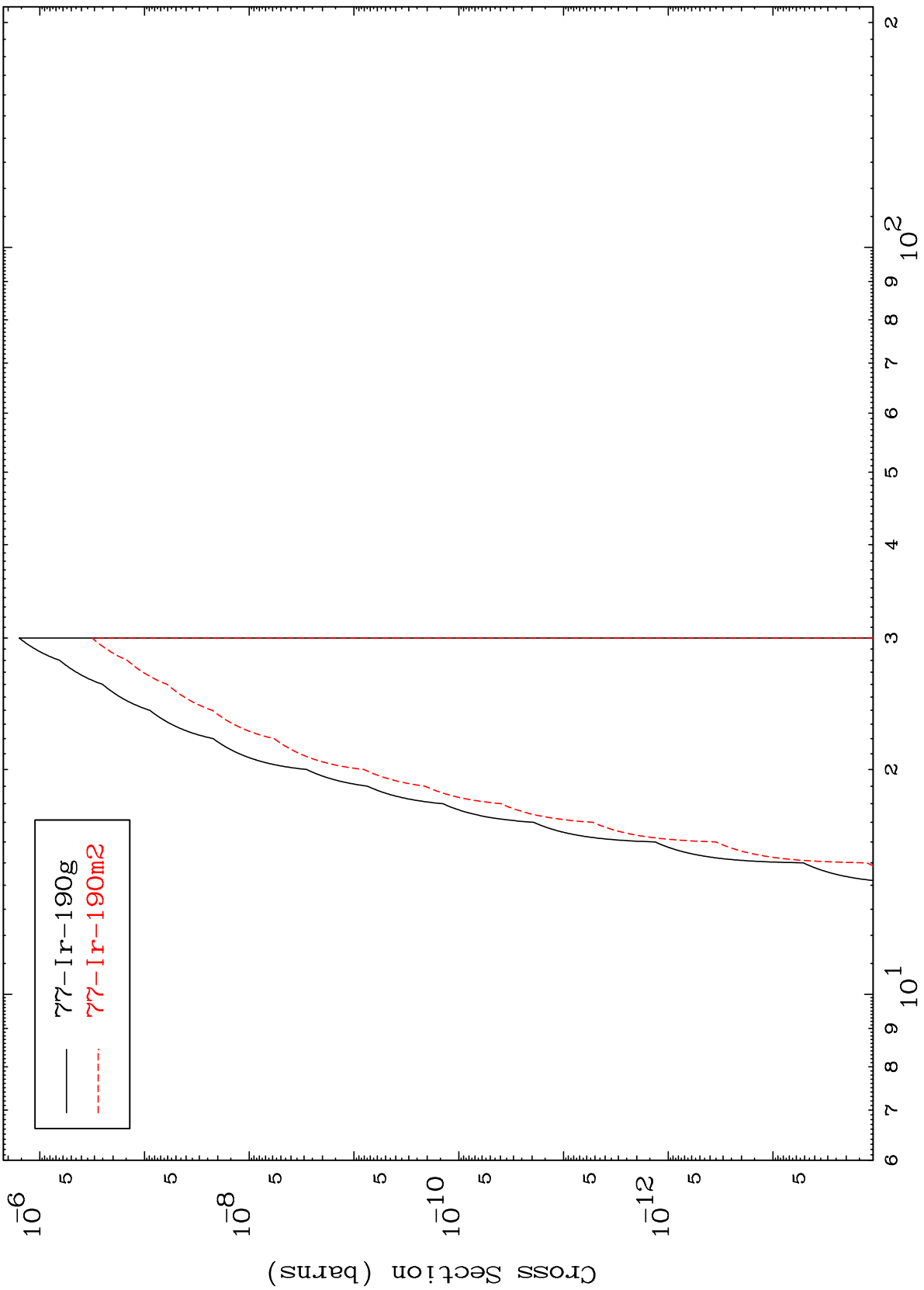
77-Ir-191g  
77-Ir-191m3

MAT 7828

(n,p) d

78-Pt-191

Radionuclide Production Cross Section



23

Incident Energy (MeV)

78-Pt-191