

Program EVALPLOT  
(Version 2021-1)

by

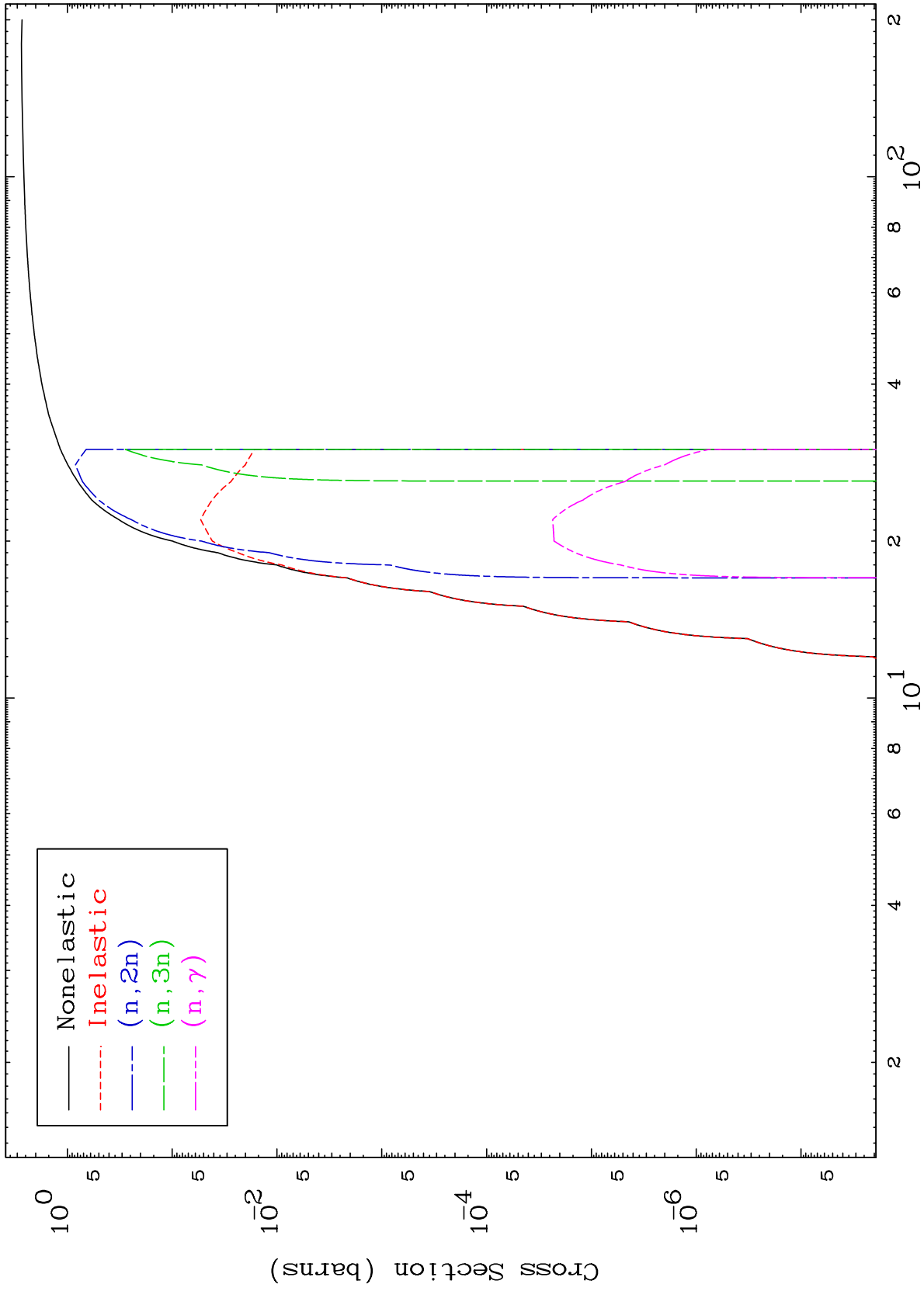
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

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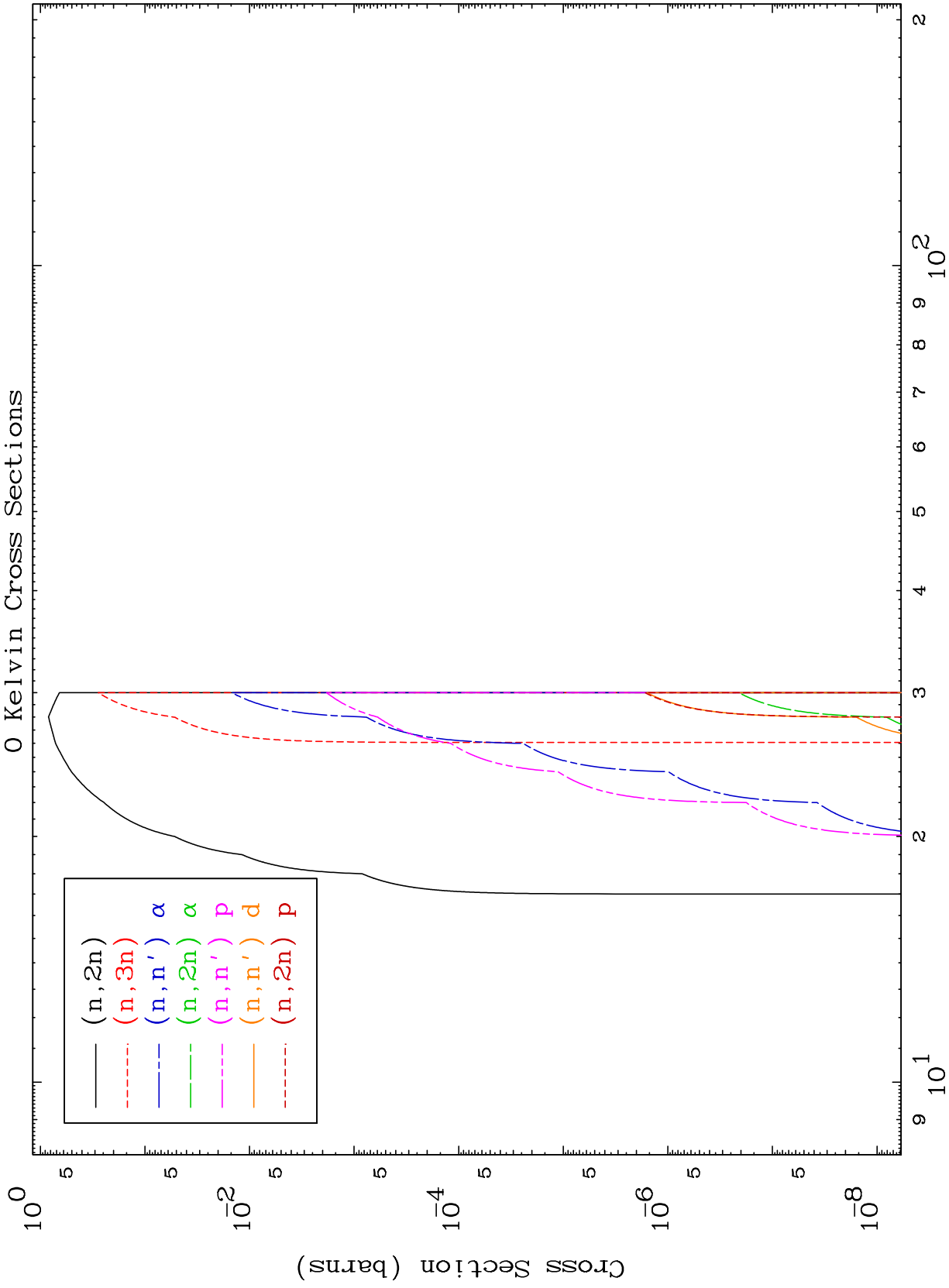
Press Mouse Button to Start



MAT 7837

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-194



2

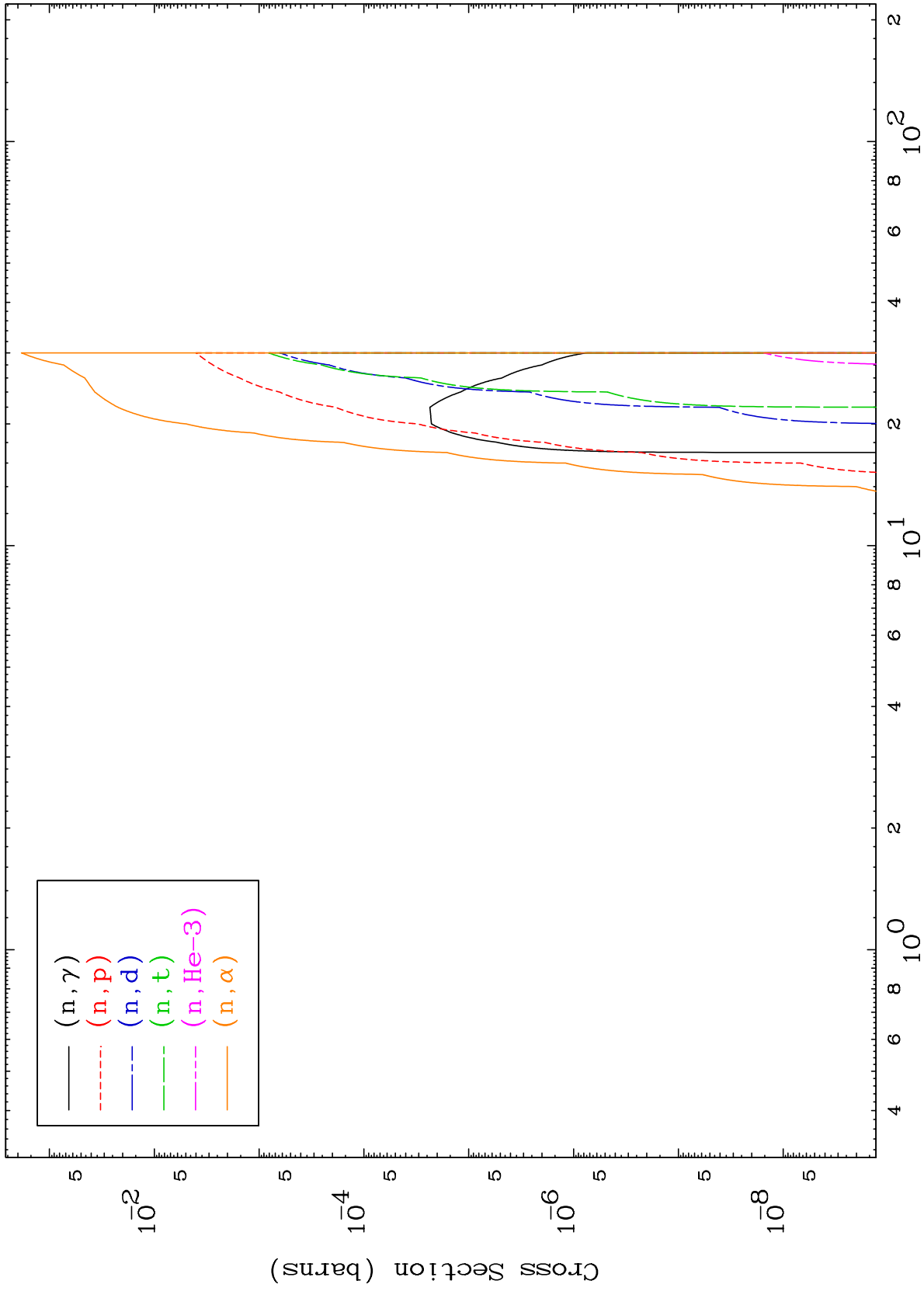
Incident Energy (MeV)

78-Pt-194

MAT 7837

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-194



3

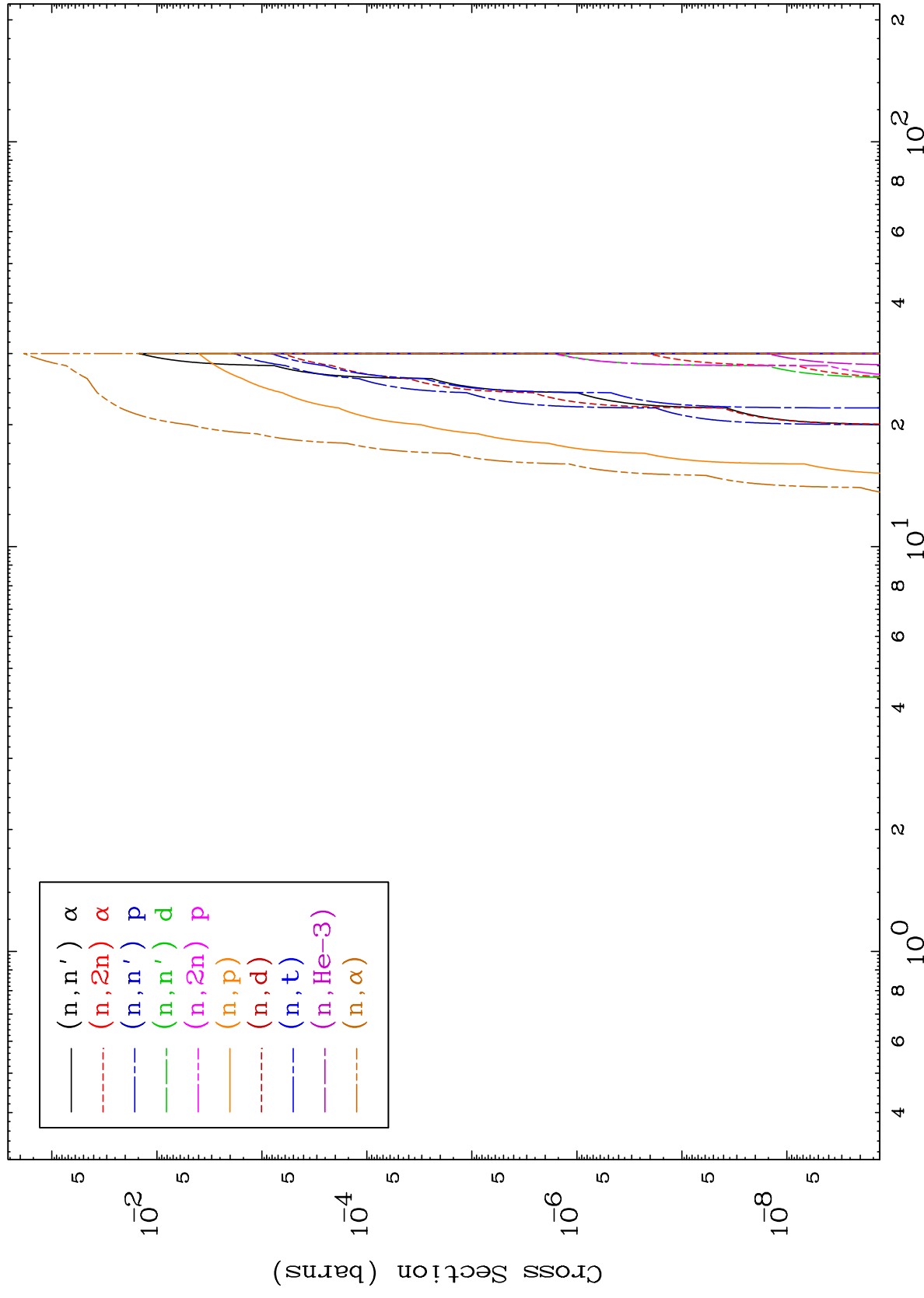
Incident Energy (MeV)

78-Pt-194

MAT 7837

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

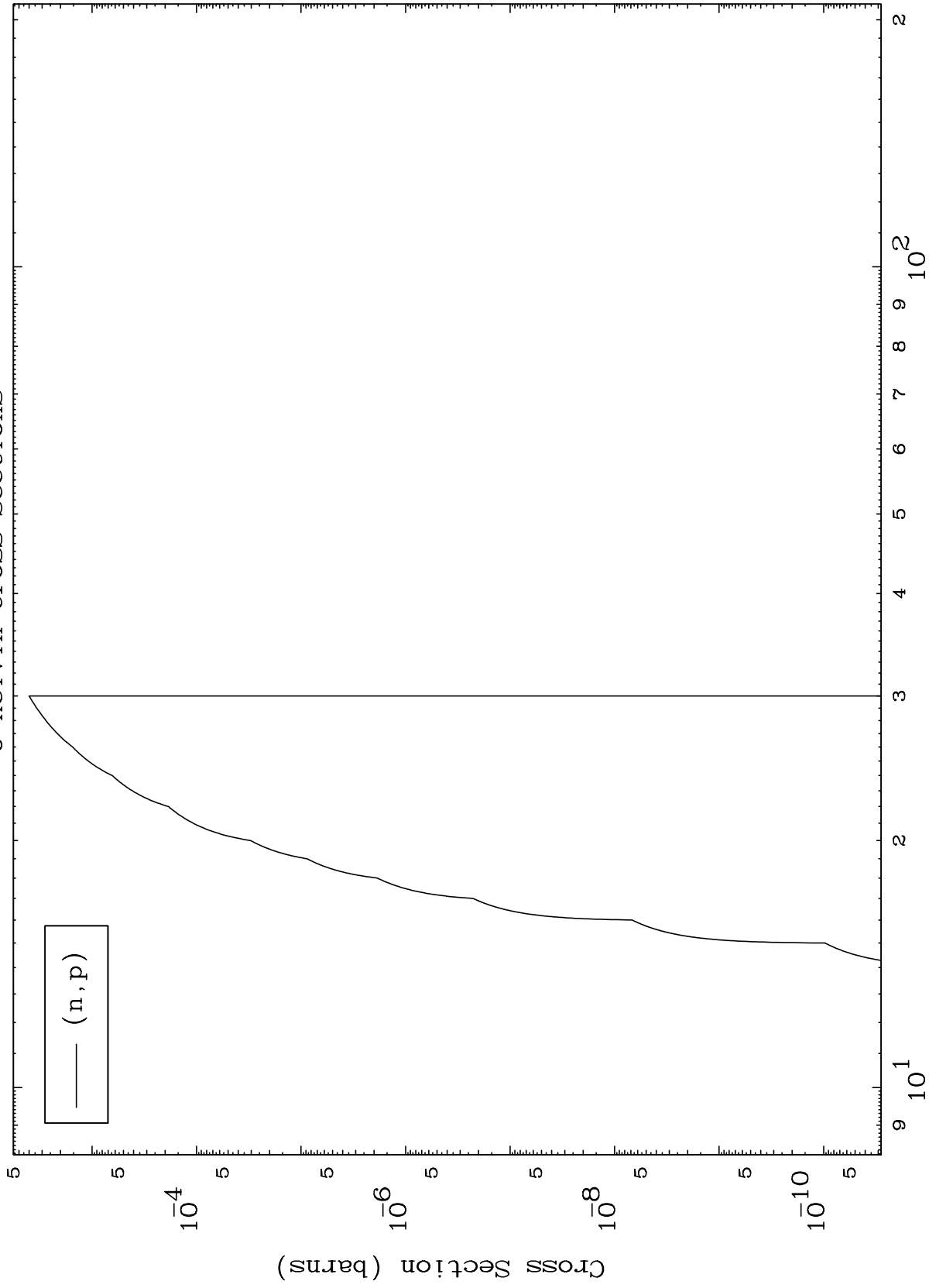
78-Pt-194



MAT 7837

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

78-Pt-194



5

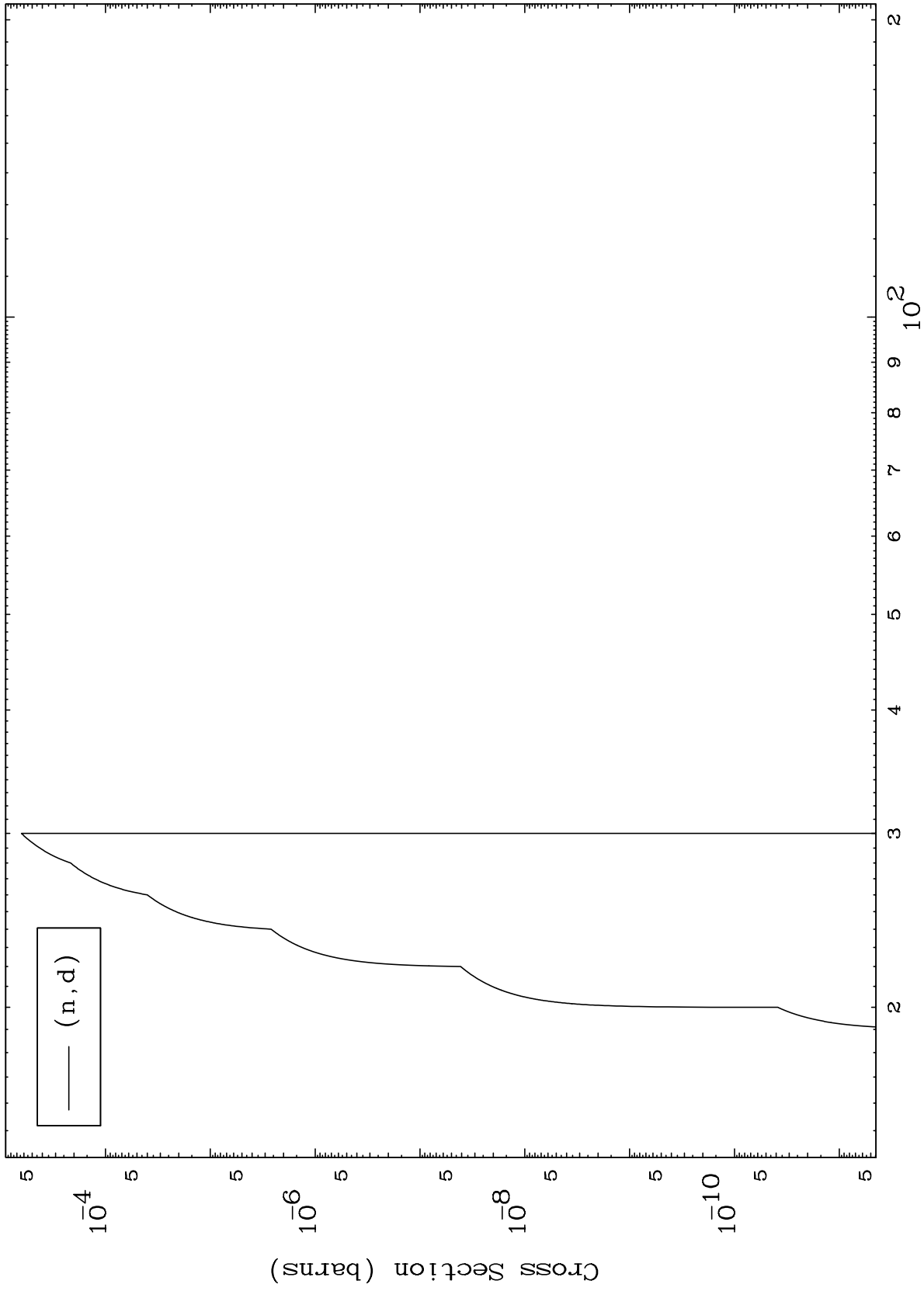
Incident Energy (MeV)

78-Pt-194

MAT 7837

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

78-Pt-194



6

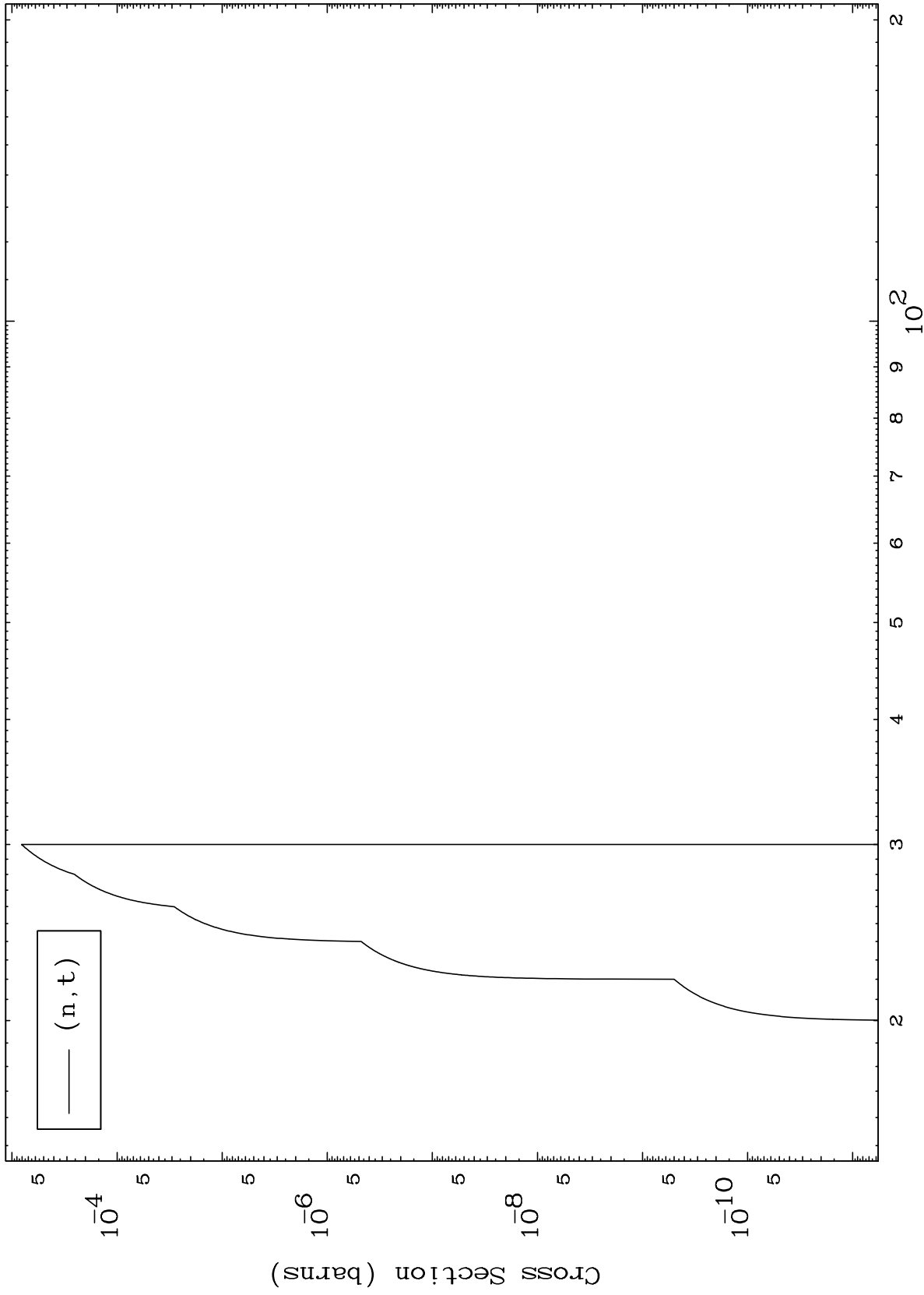
Incident Energy (MeV)

78-Pt-194

MAT 7837

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

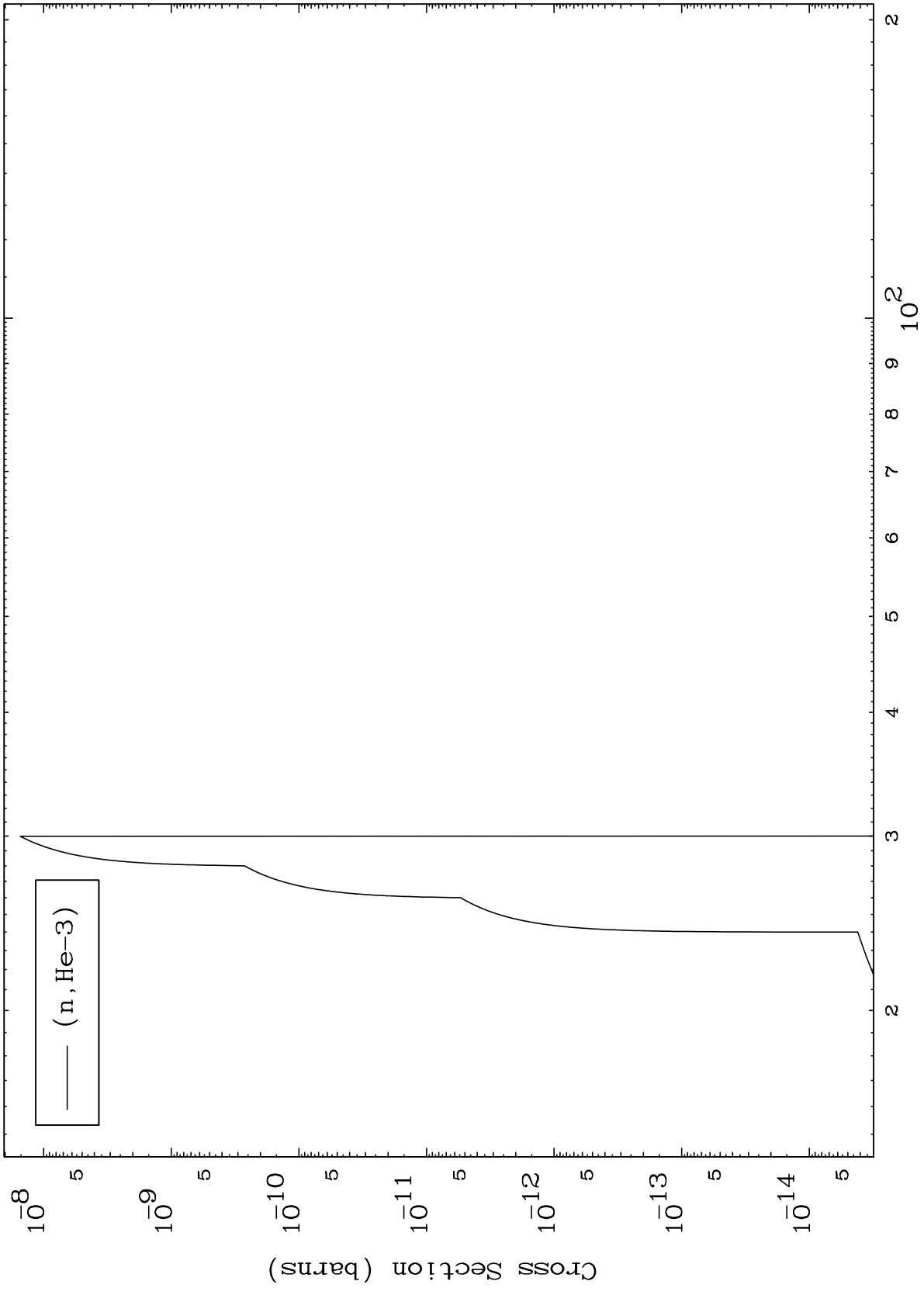
78-Pt-194



7

Incident Energy (MeV)

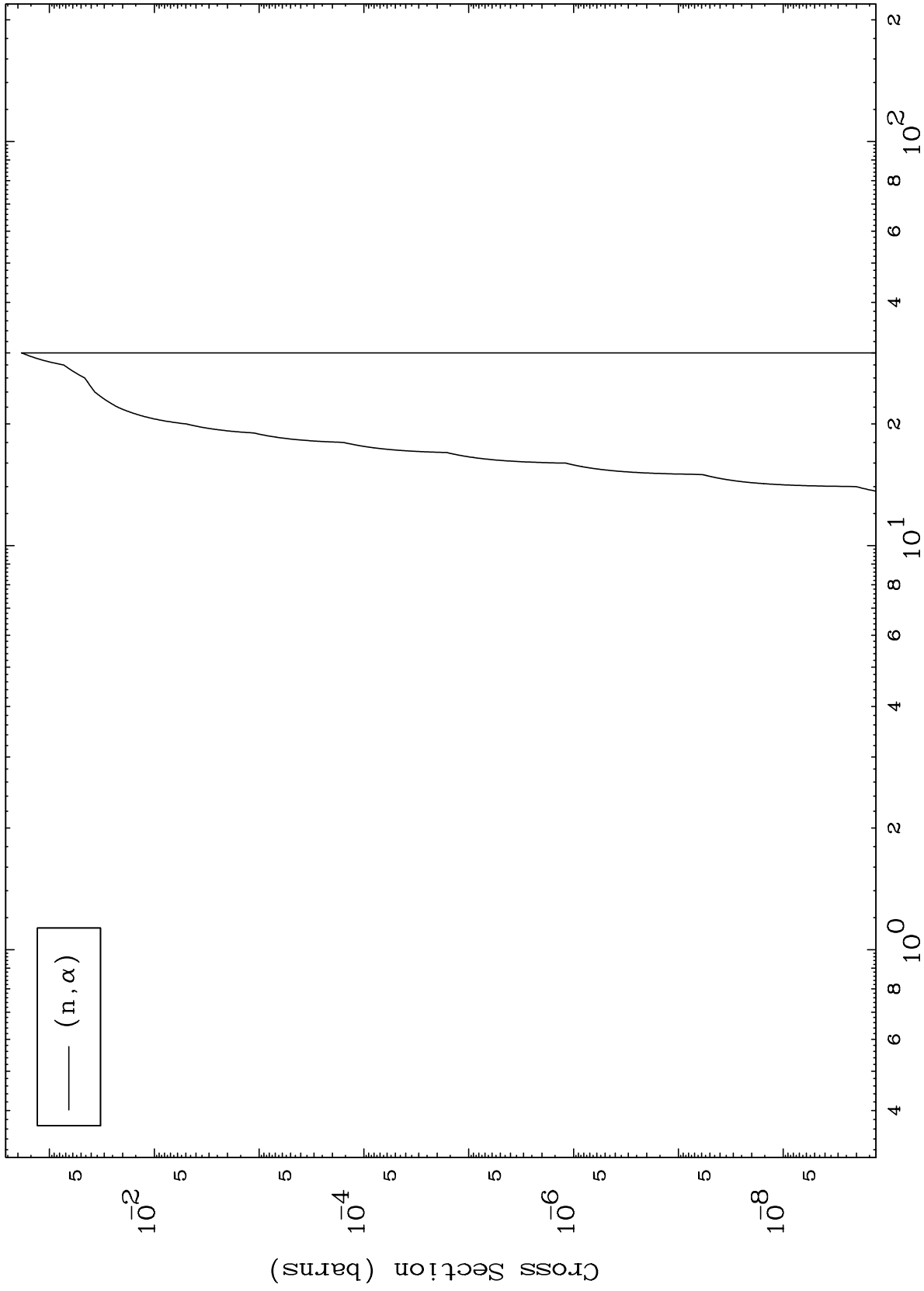
78-Pt-194



MAT 7837

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

78-Pt-194



9

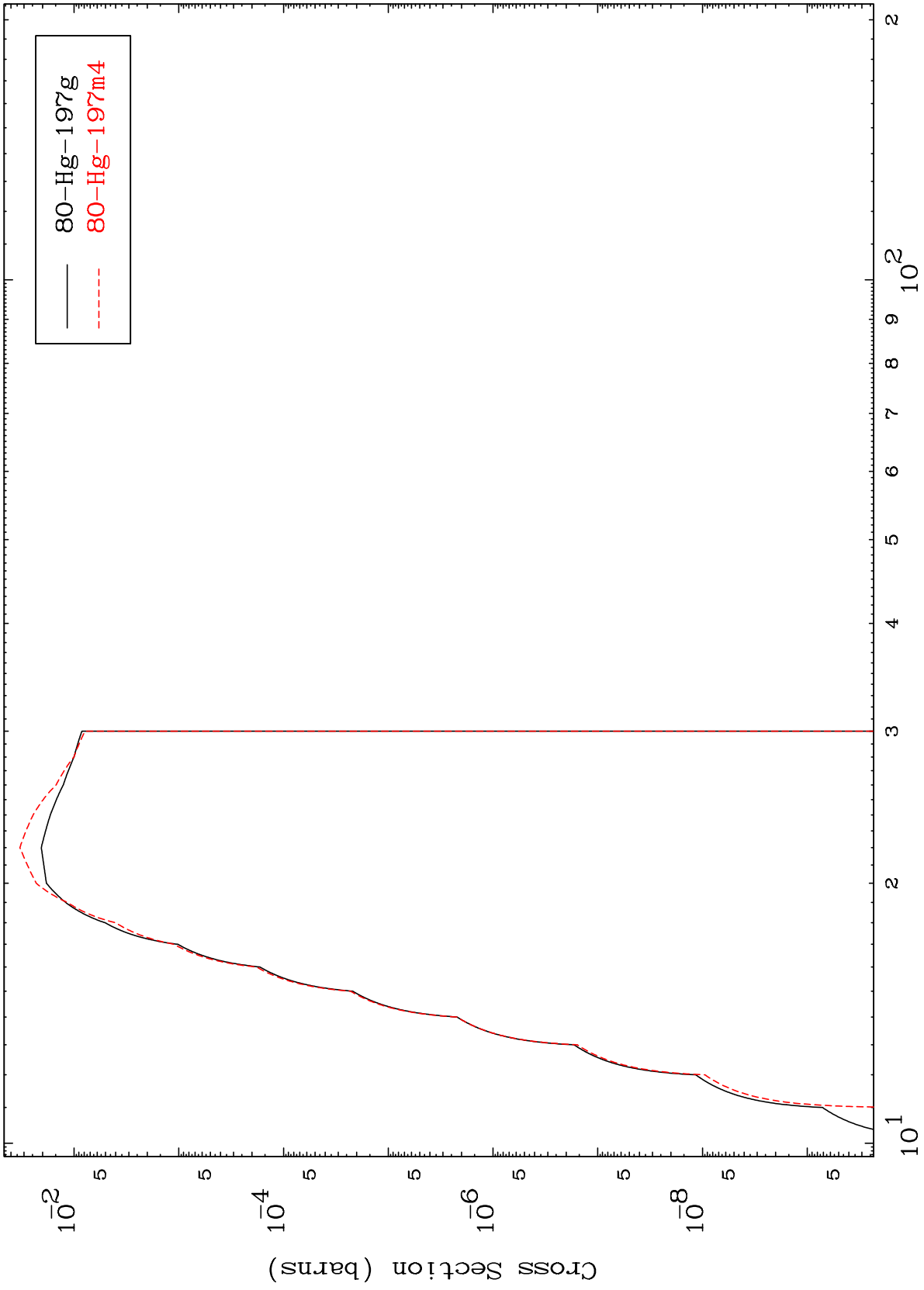
Incident Energy (MeV)

78-Pt-194

MAT 7837

Inelastic  
Radionuclide Production Cross Section

78-Pt-194



Incident Energy (MeV)

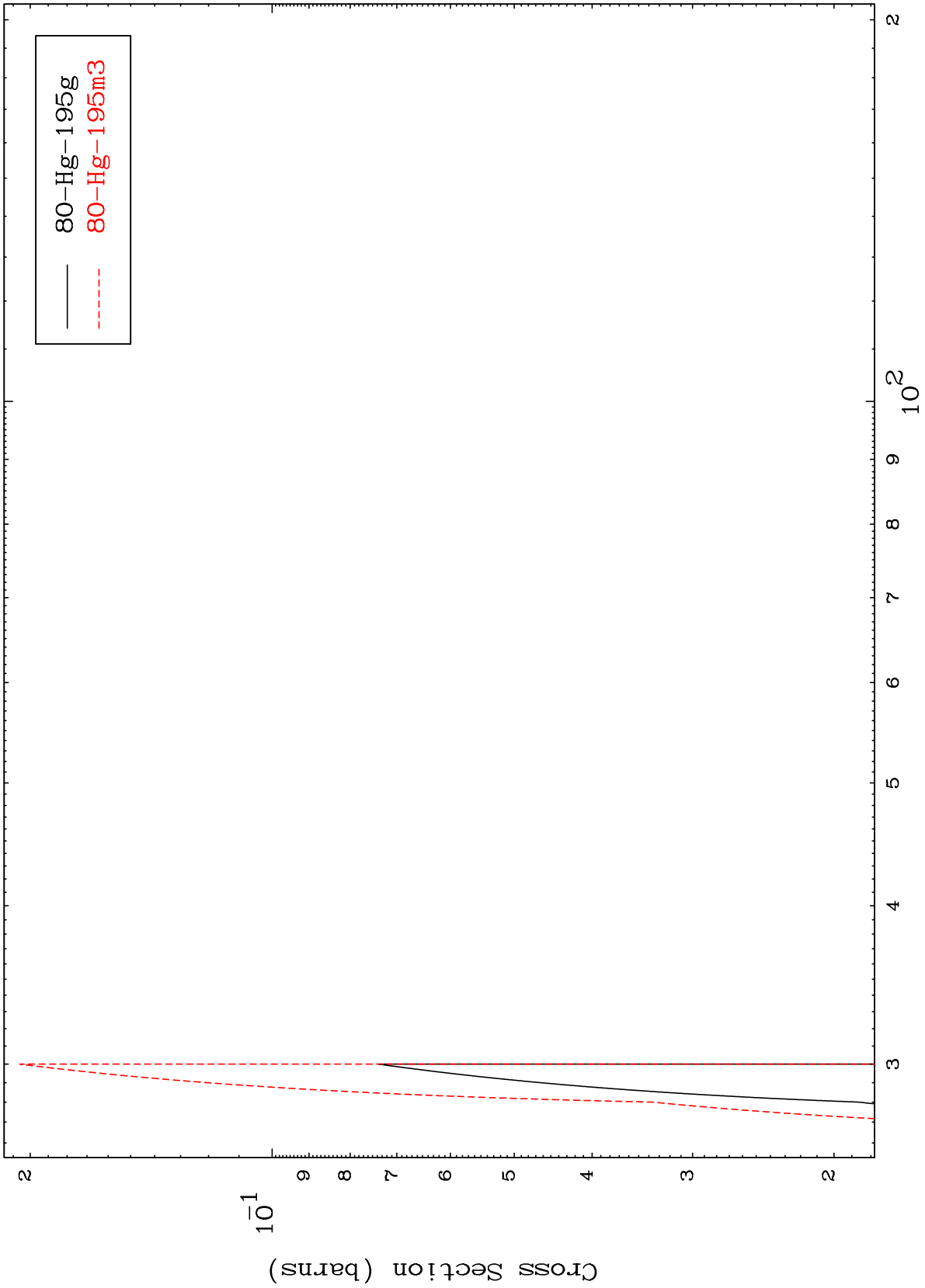
78-Pt-194

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(n,3n)

78-Pt-194

Radionuclide Production Cross Section



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

11

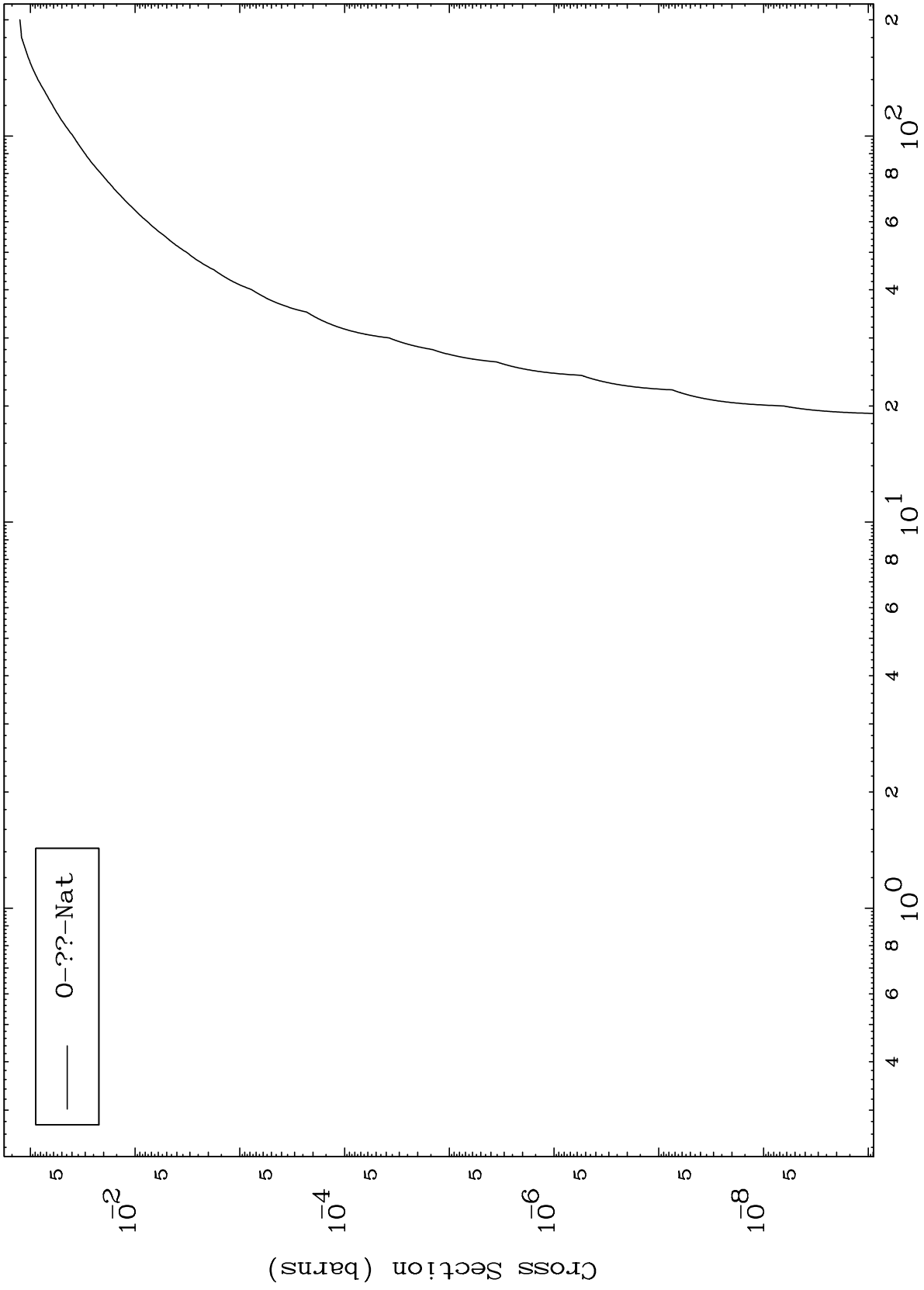
Incident Energy (MeV)

78-Pt-194

MAT 7837

Fission  
Radionuclide Production Cross Section

78-Pt-194



12

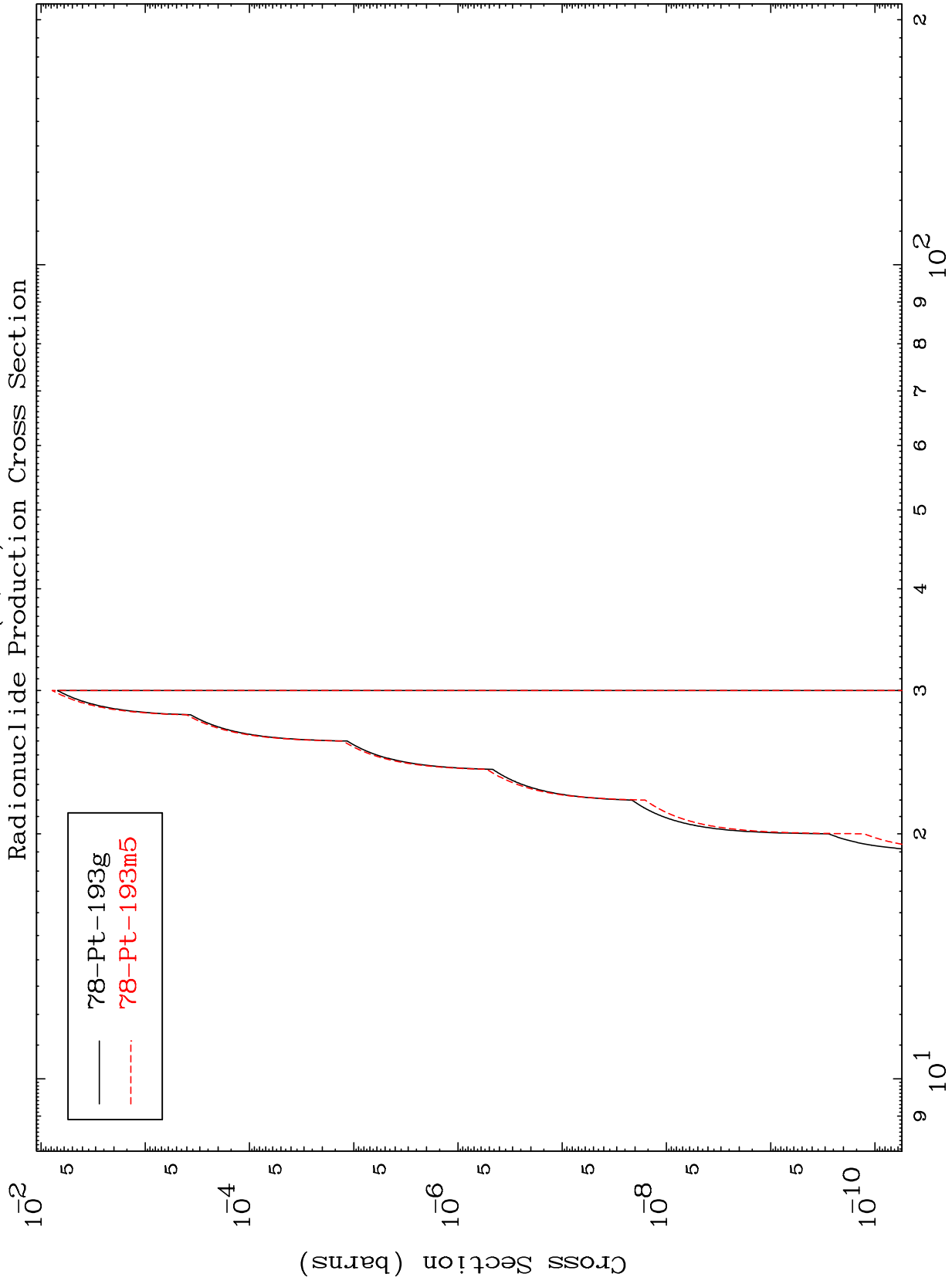
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,n')  $\alpha$

78-Pt-194



13

Incident Energy (MeV)

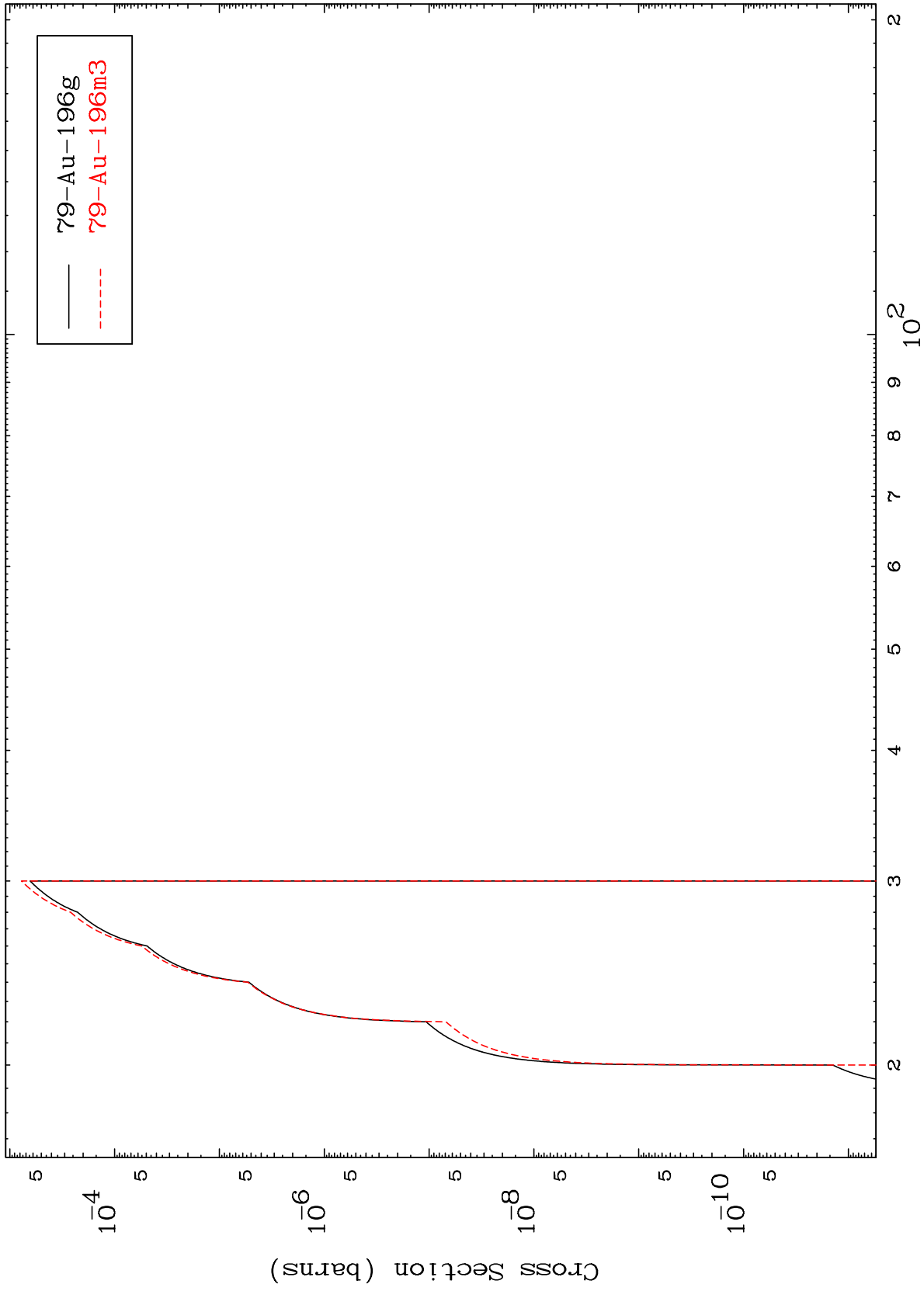
78-Pt-194

MAT 7837

(n,n') p

78-Pt-194

Radionuclide Production Cross Section



14

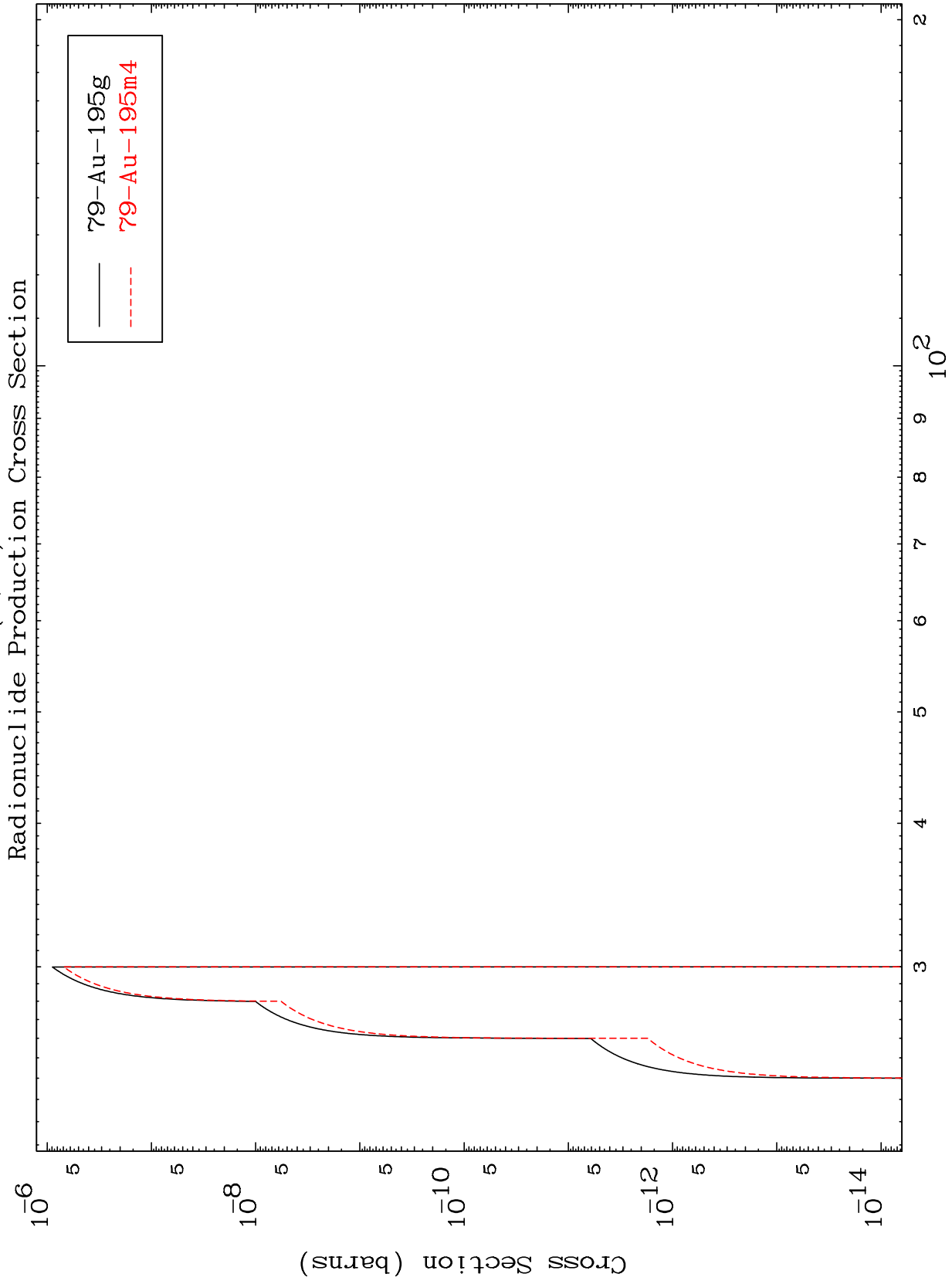
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,n') d

78-Pt-194



15

Incident Energy (MeV)

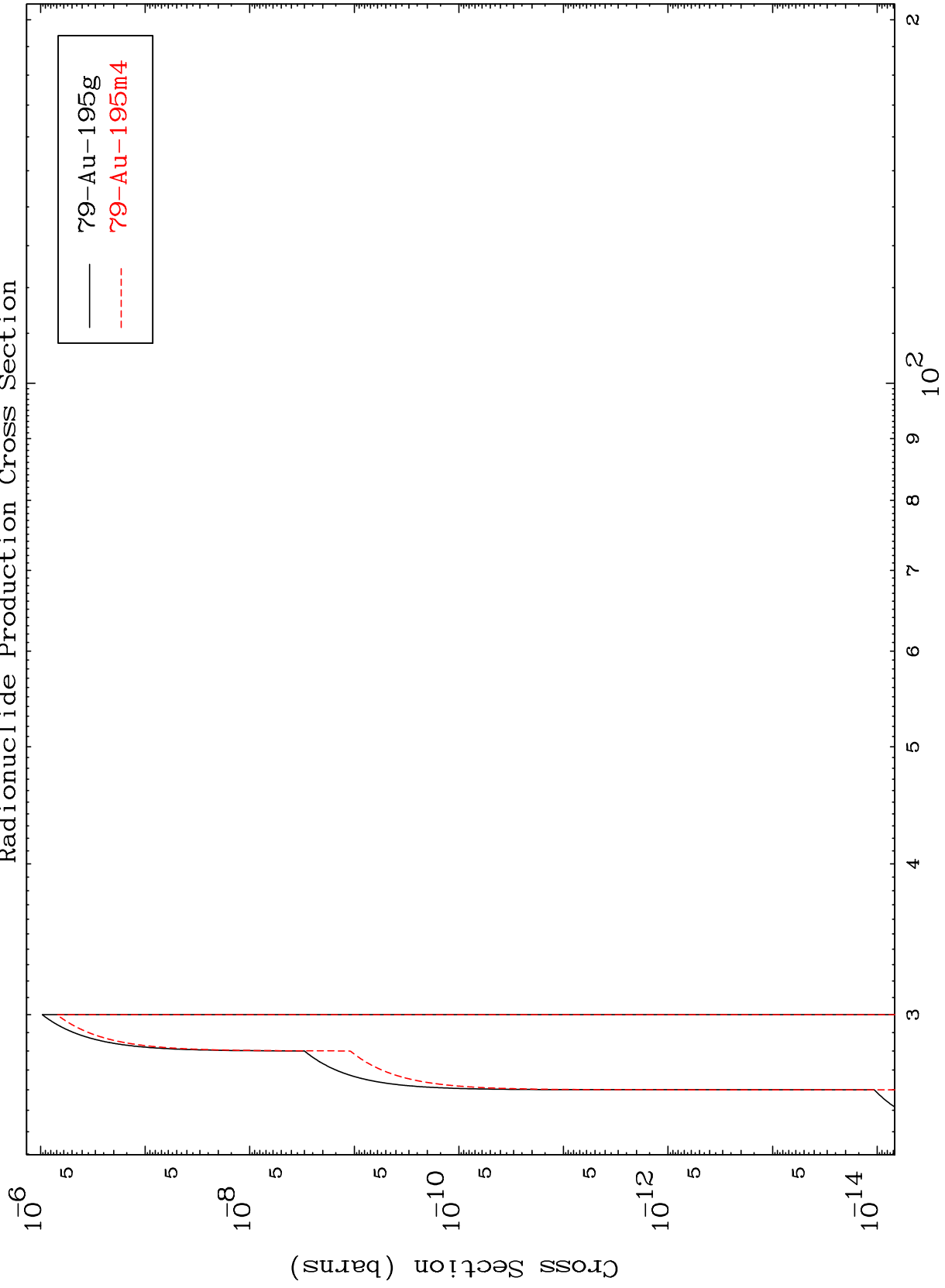
78-Pt-194

MAT 7837

(n,2n) p

78-Pt-194

Radionuclide Production Cross Section



16

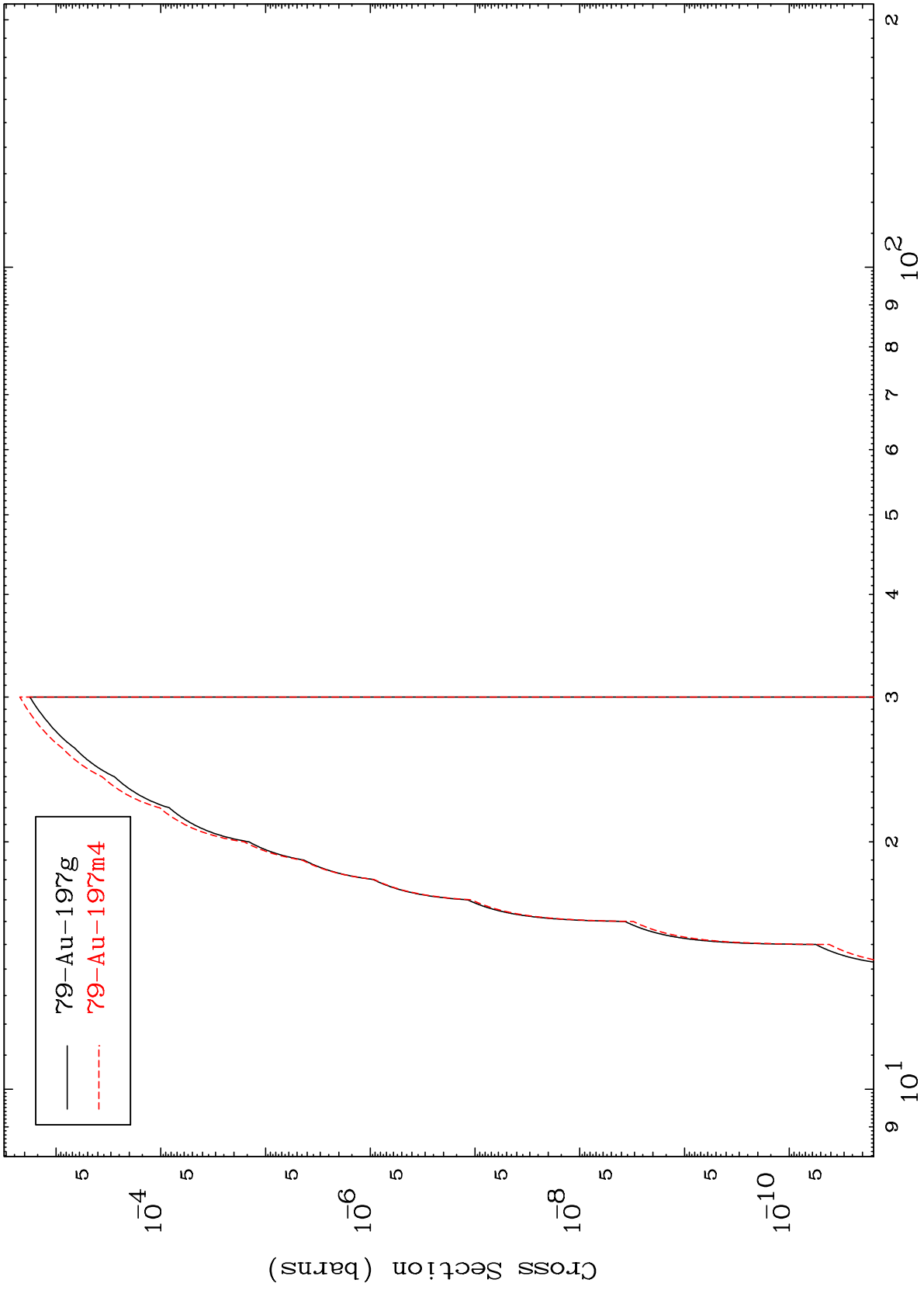
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(n,p)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

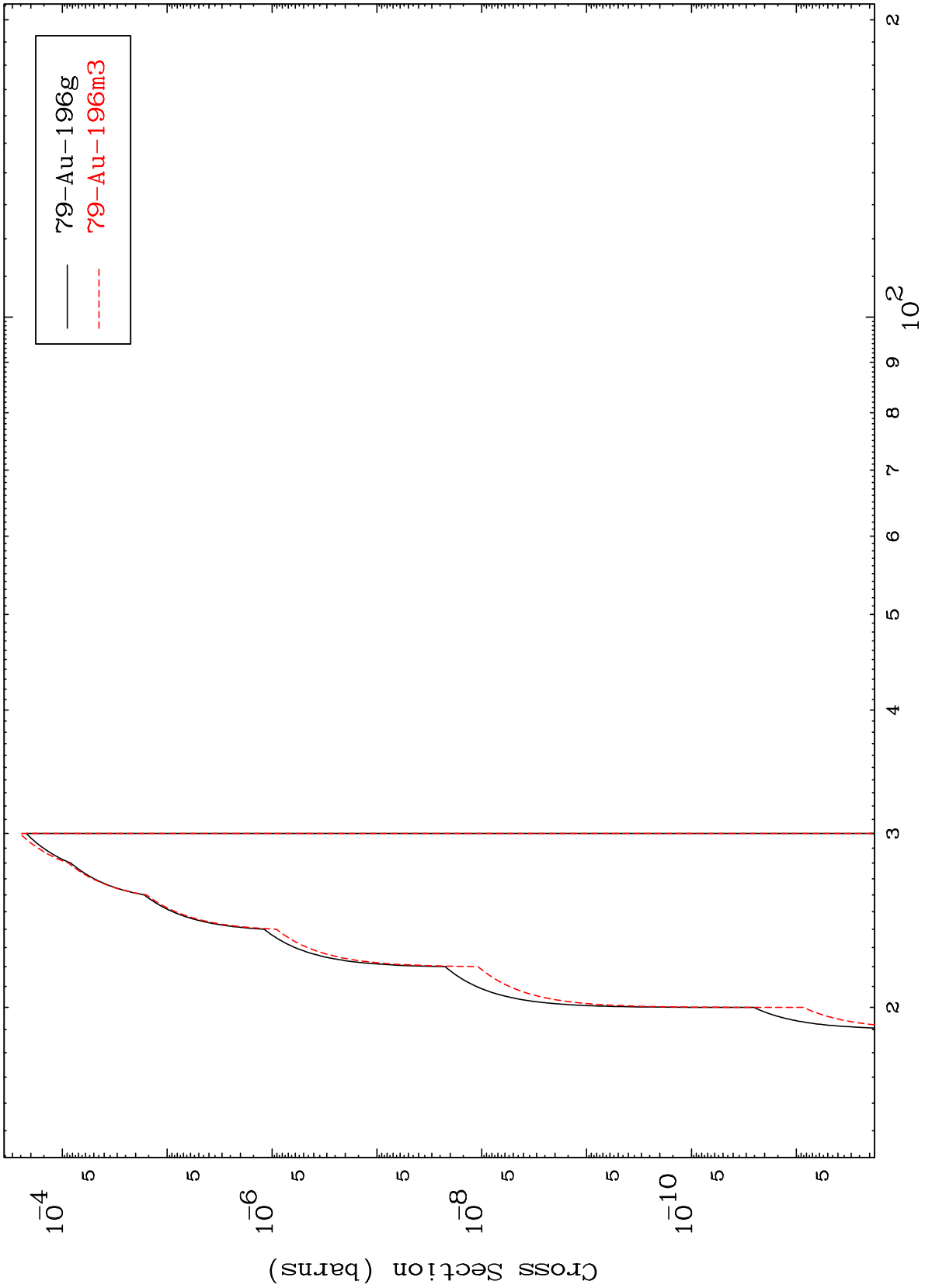
78-Pt-194

MAT 7837

(n,d)

78-Pt-194

Radionuclide Production Cross Section



18

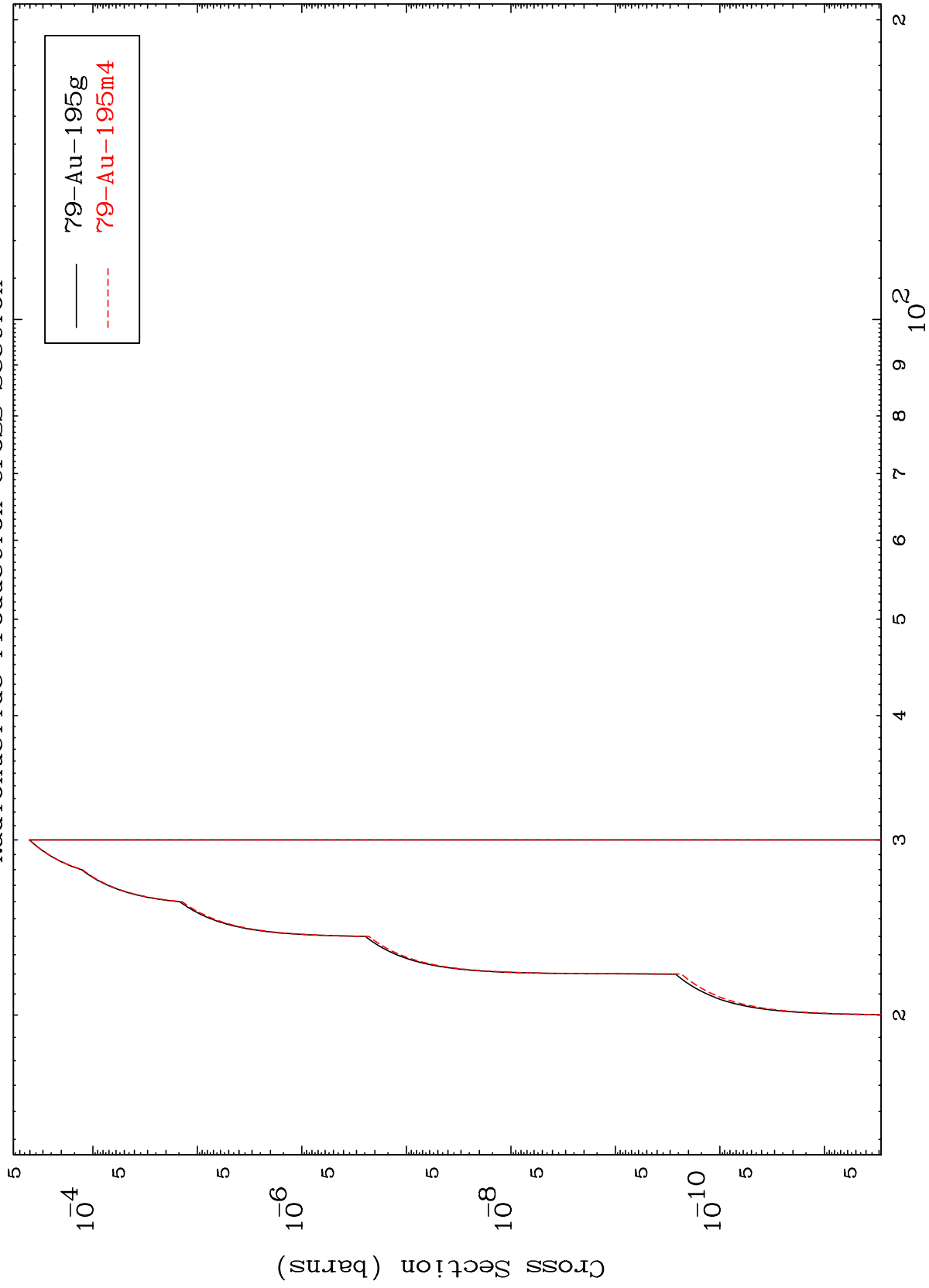
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(n, t)  
Radionuclide Production Cross Section



19

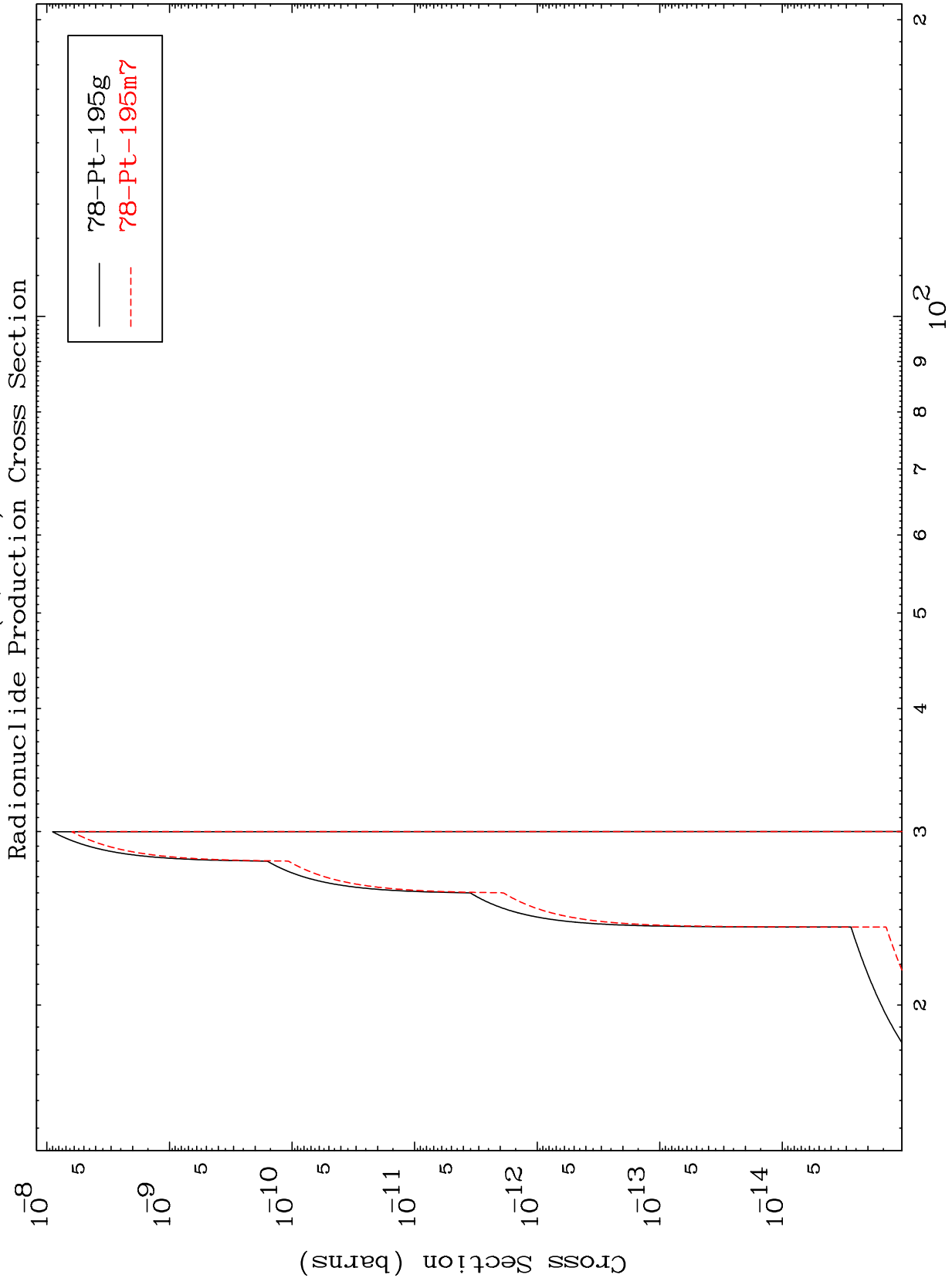
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n, He-3)

78-Pt-194



20

Incident Energy (MeV)

78-Pt-194