

Program EVALPLOT  
(Version 2021-1)

by

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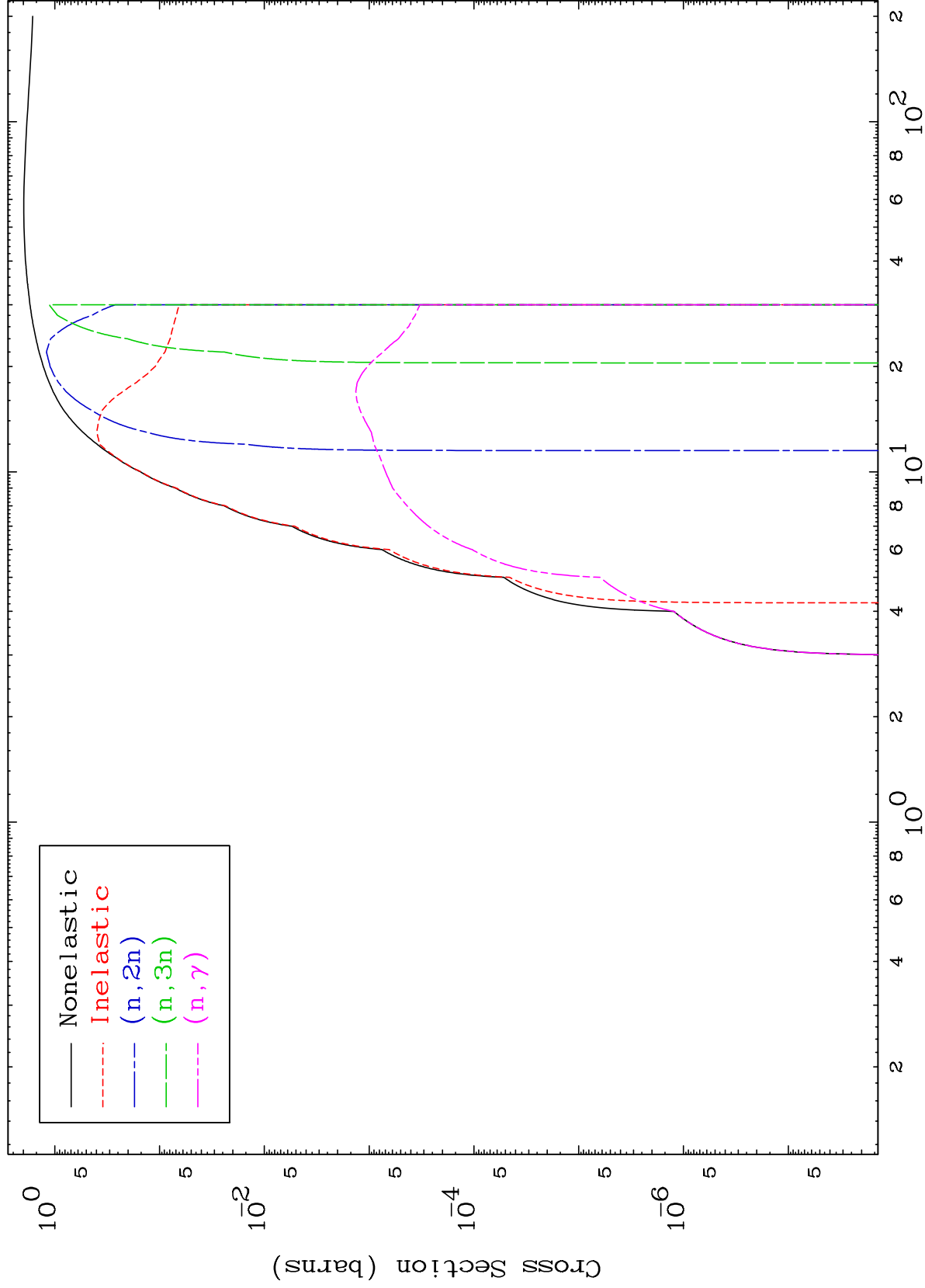
Press Mouse Button to Start

MAT 8031

Proton Major

80-Hg-198

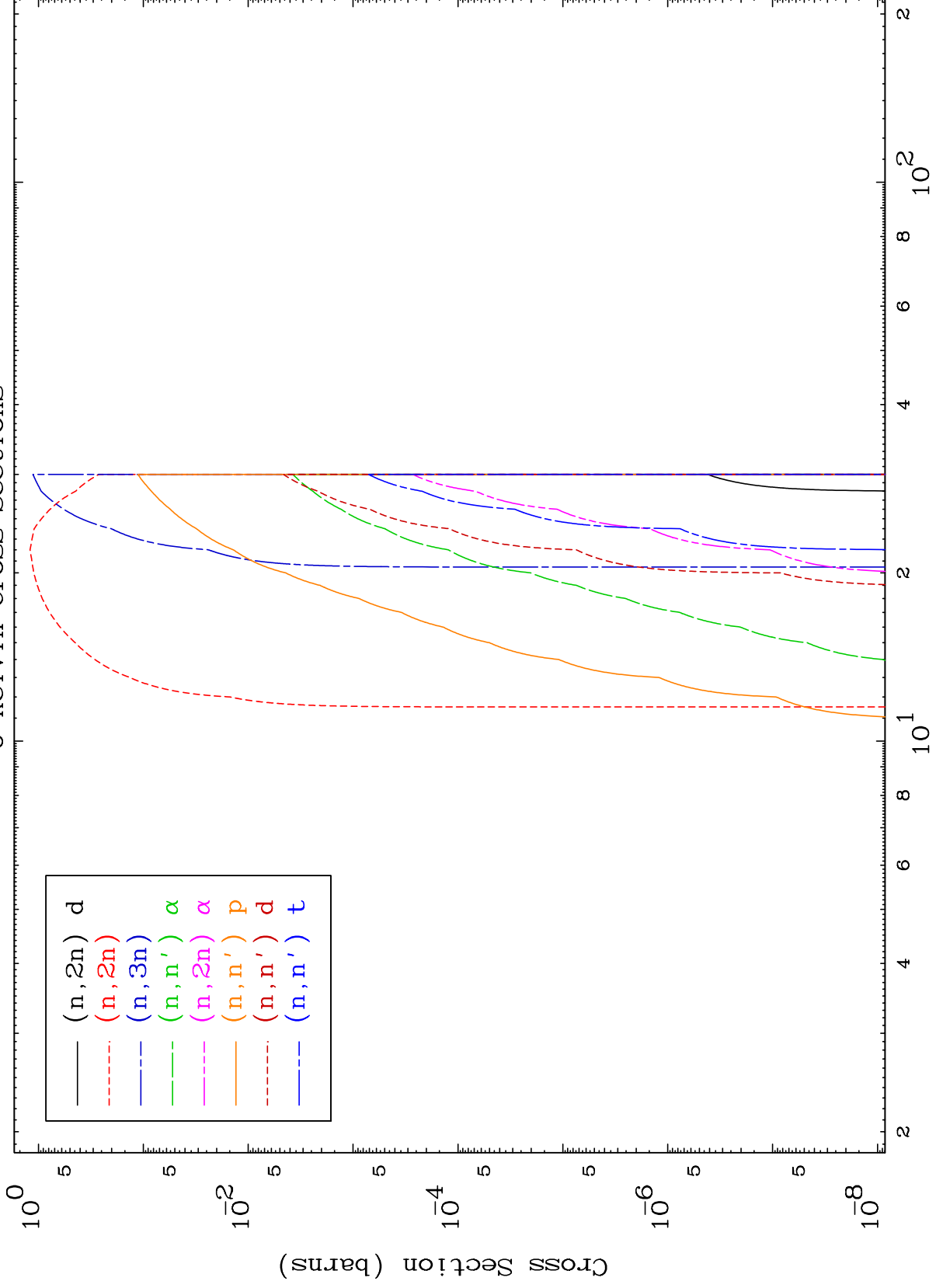
0 Kelvin Cross Sections



MAT 8031

Proton Neutron Absorption  
0 Kelvin Cross Sections

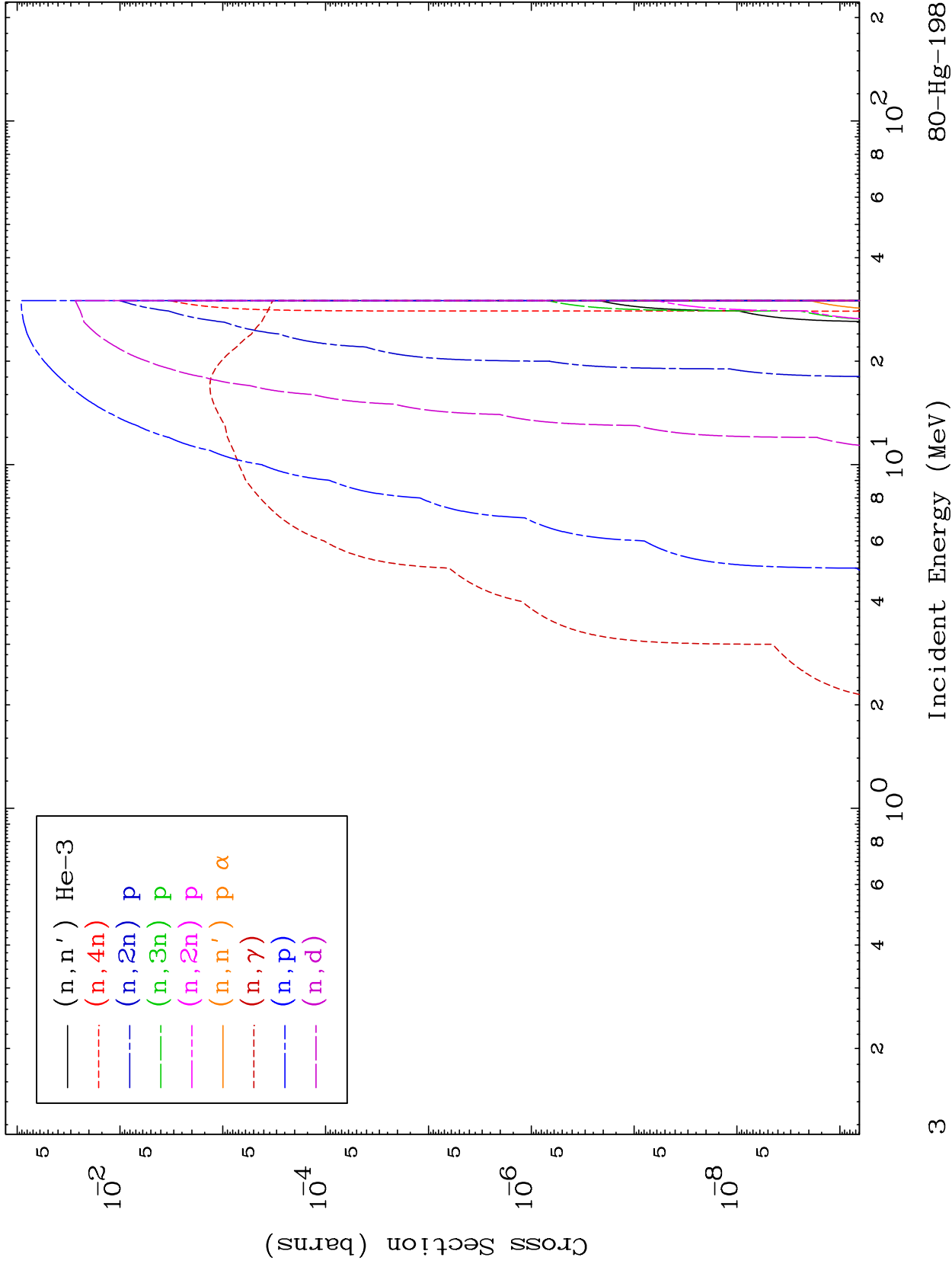
80-Hg-198



2

Incident Energy (MeV)

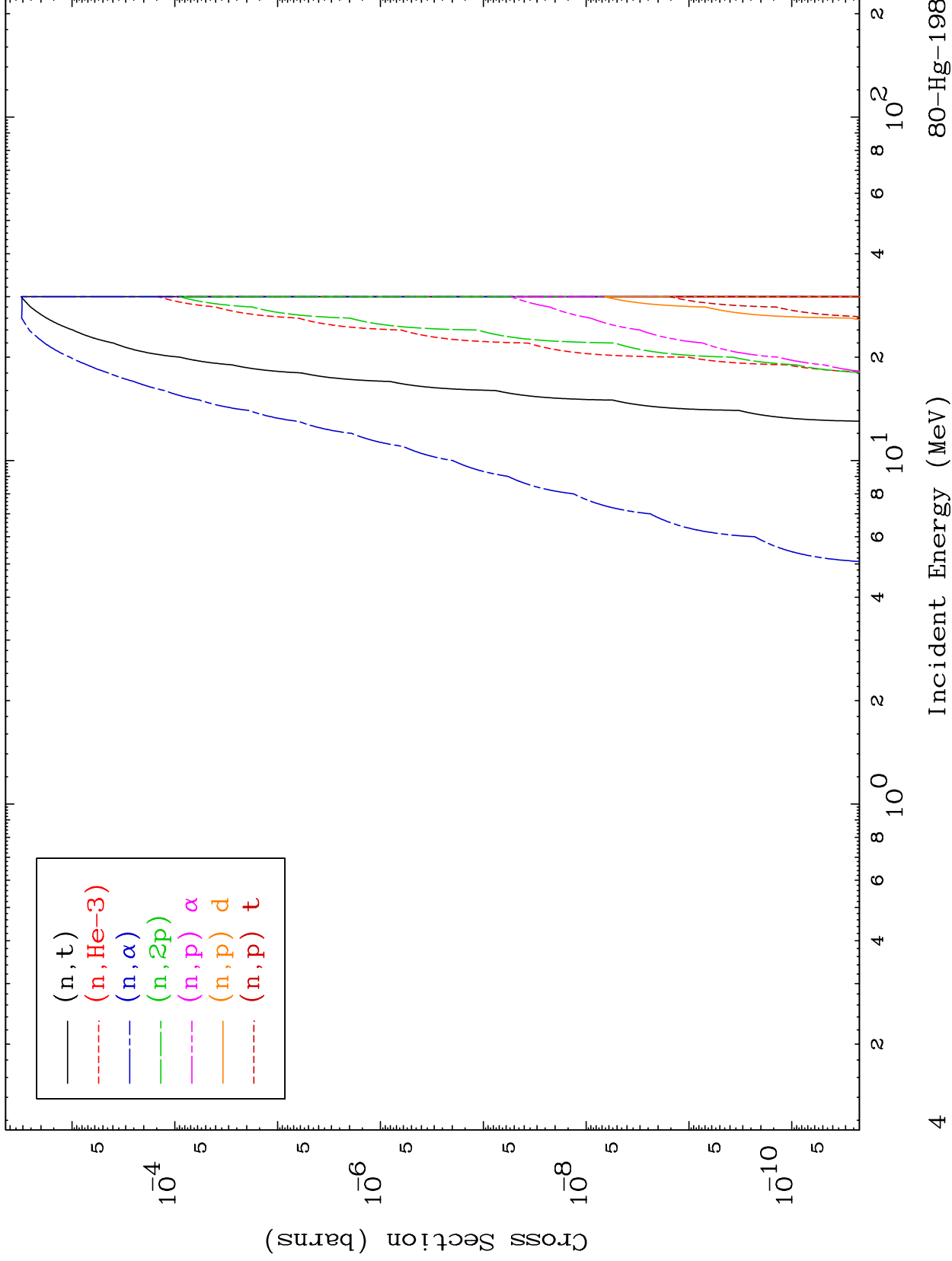
80-Hg-198



MAT 8031

Proton Neutron Absorption  
0 Kelvin Cross Sections

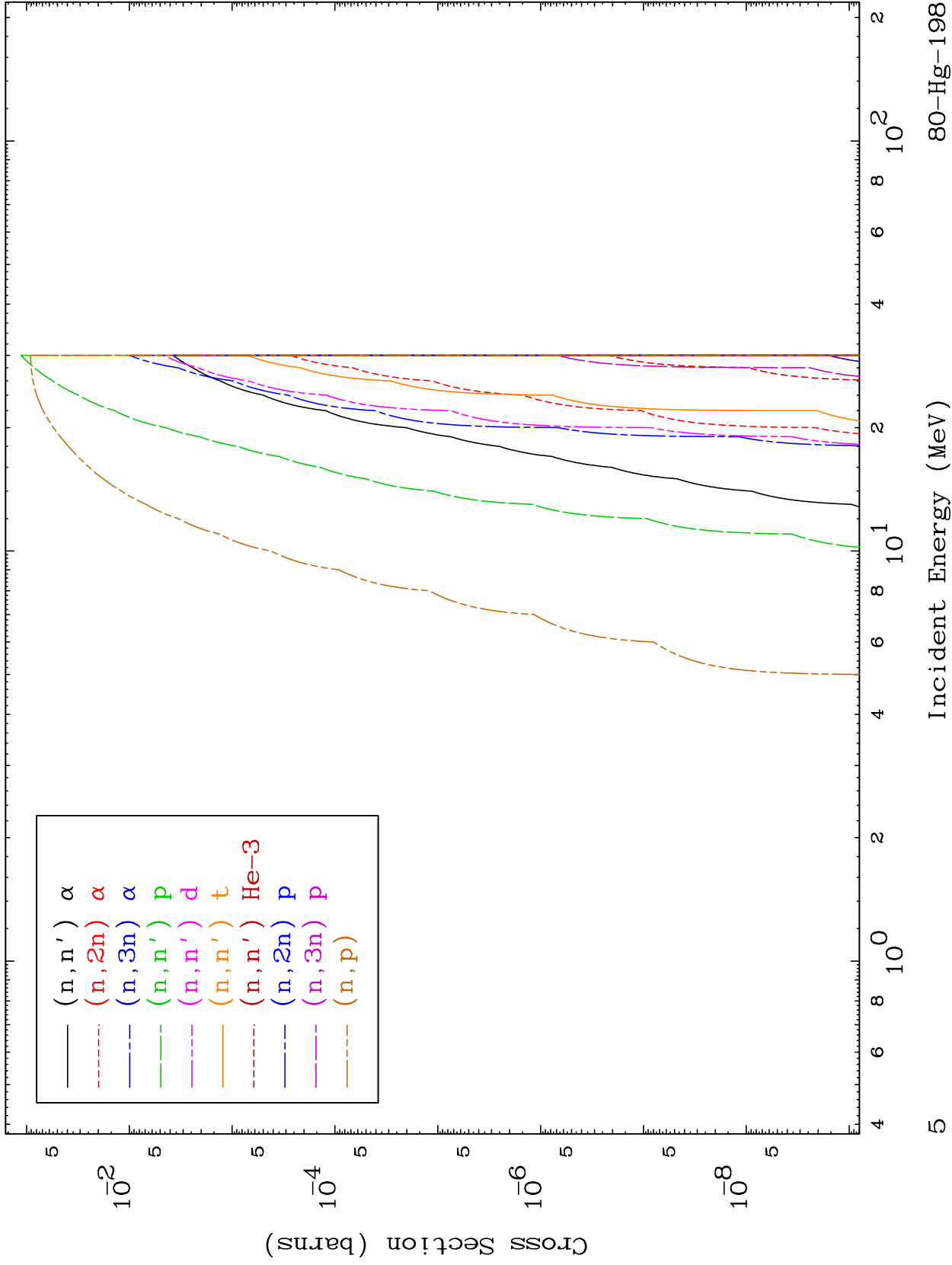
80-Hg-198



MAT 8031

Proton Charged Particle  
0 Kelvin Cross Sections

80-Hg-198



5

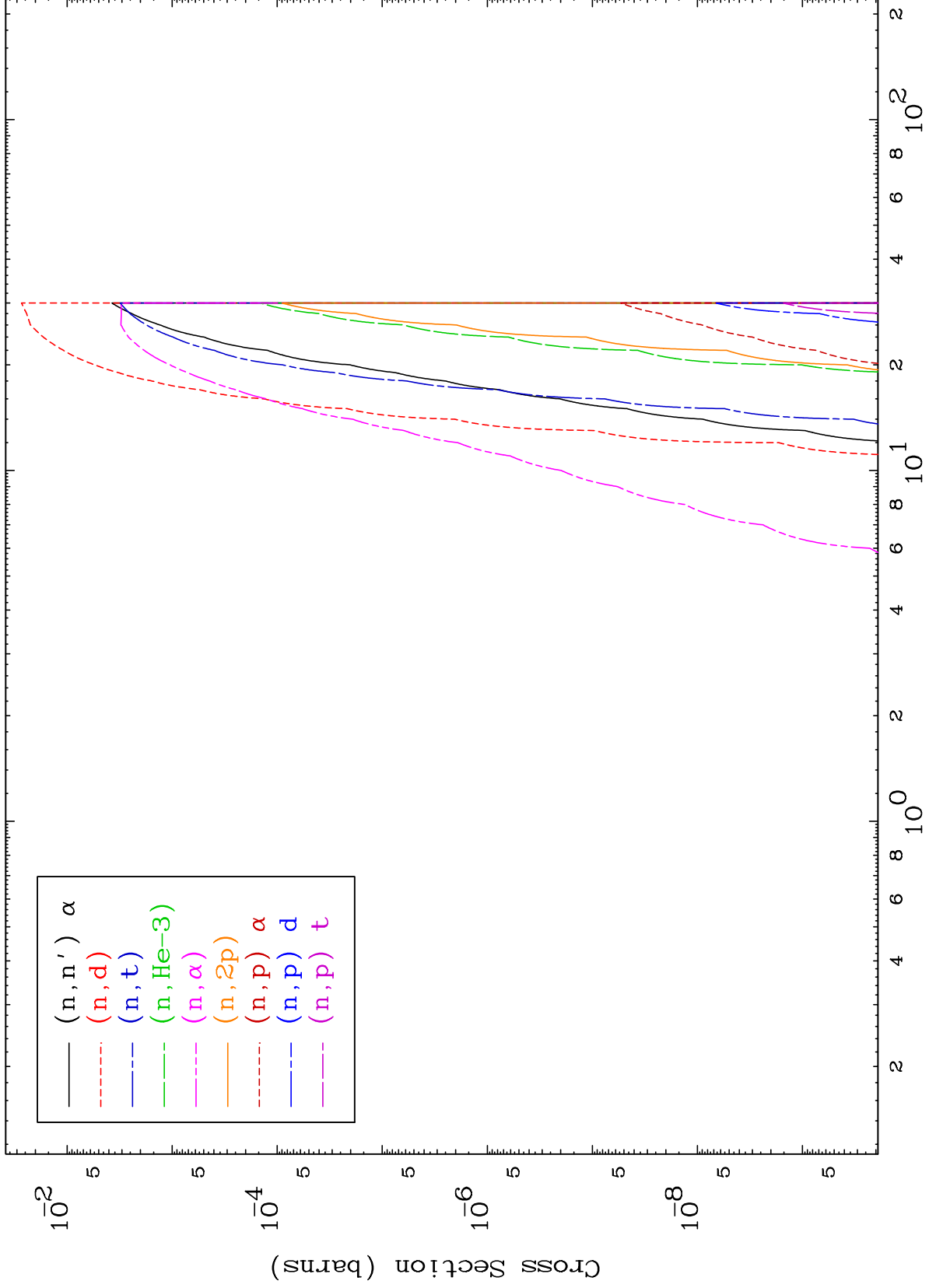
Incident Energy (MeV)

80-Hg-198

MAT 8031

Proton Charged Particle  
0 Kelvin Cross Sections

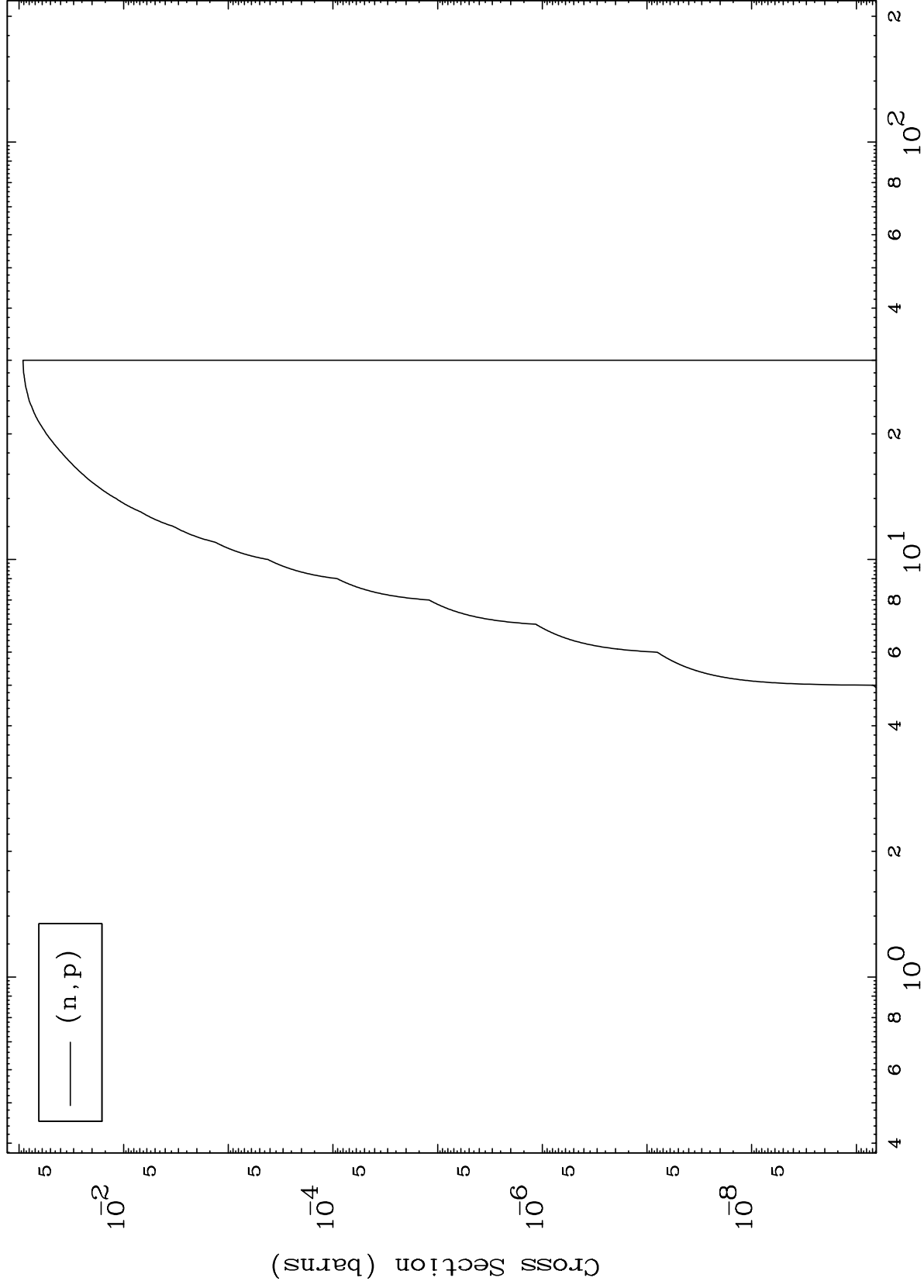
80-Hg-198



MAT 8031

(p,p) Levels  
0 Kelvin Cross Sections

80-Hg-198



7

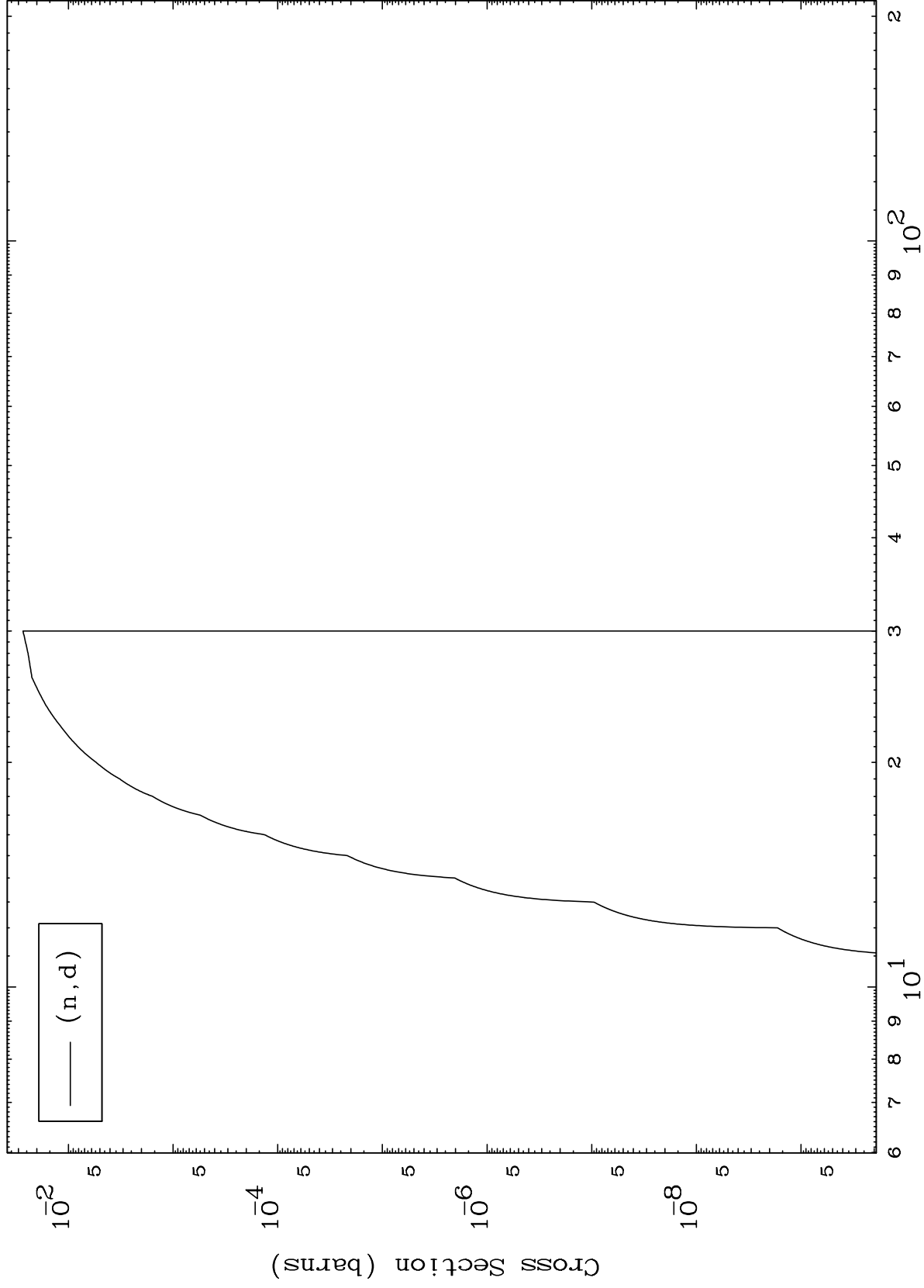
Incident Energy (MeV)

80-Hg-198

MAT 8031

(p,d) Levels  
0 Kelvin Cross Sections

80-Hg-198



8

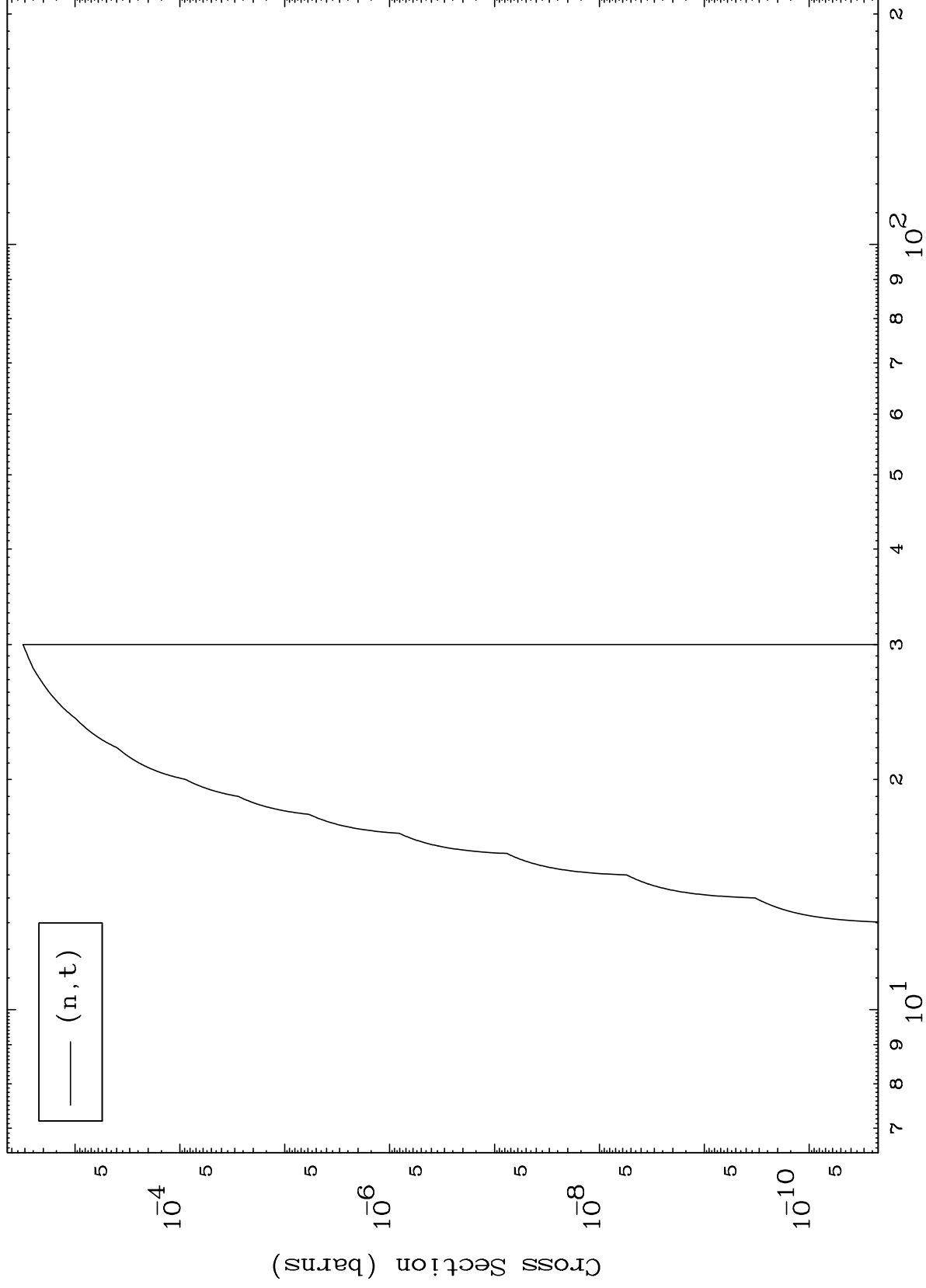
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(p,t) Levels  
0 Kelvin Cross Sections



9

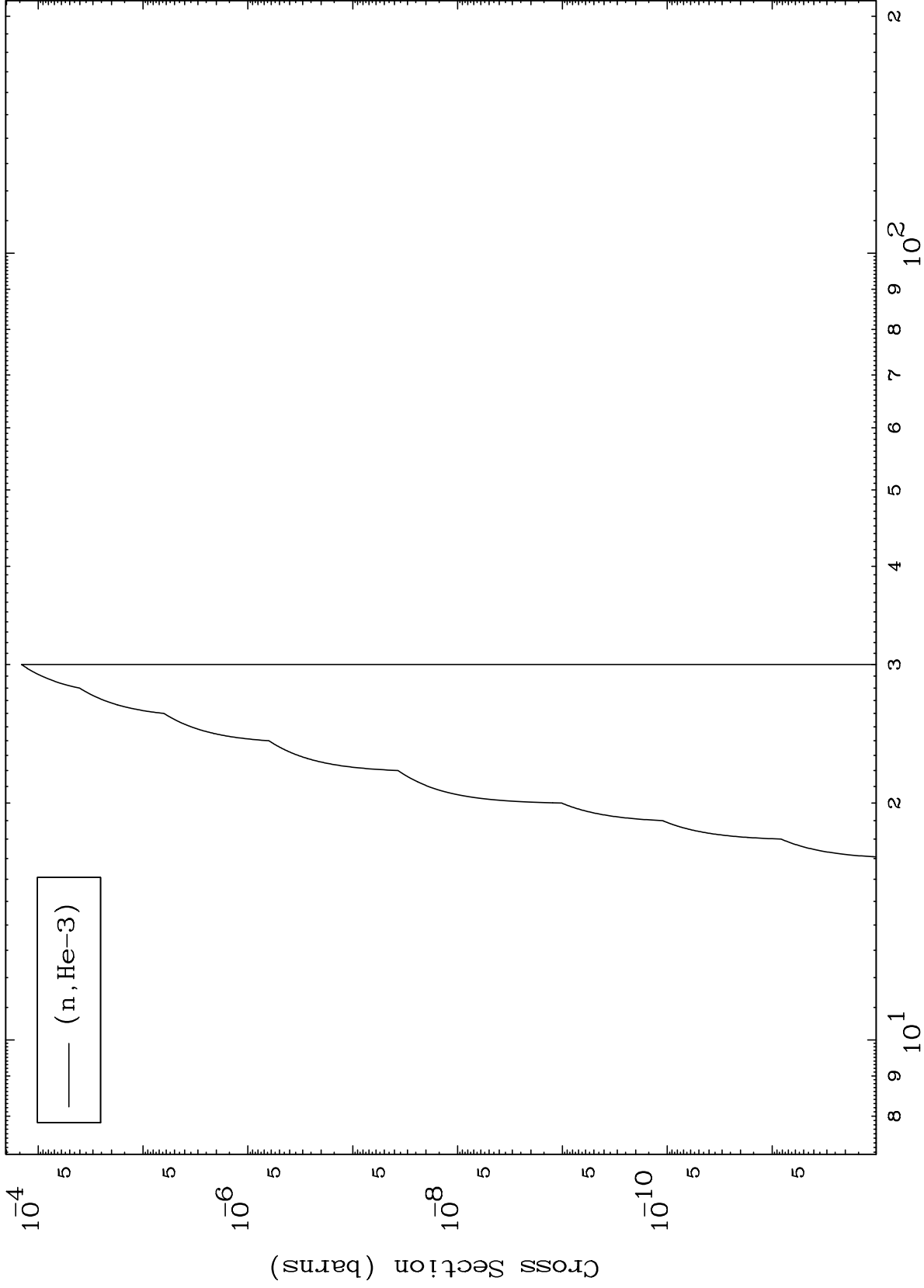
Incident Energy (MeV)

80-Hg-198

MAT 8031

(p,He3) Levels  
0 Kelvin Cross Sections

80-Hg-198



10

Incident Energy (MeV)

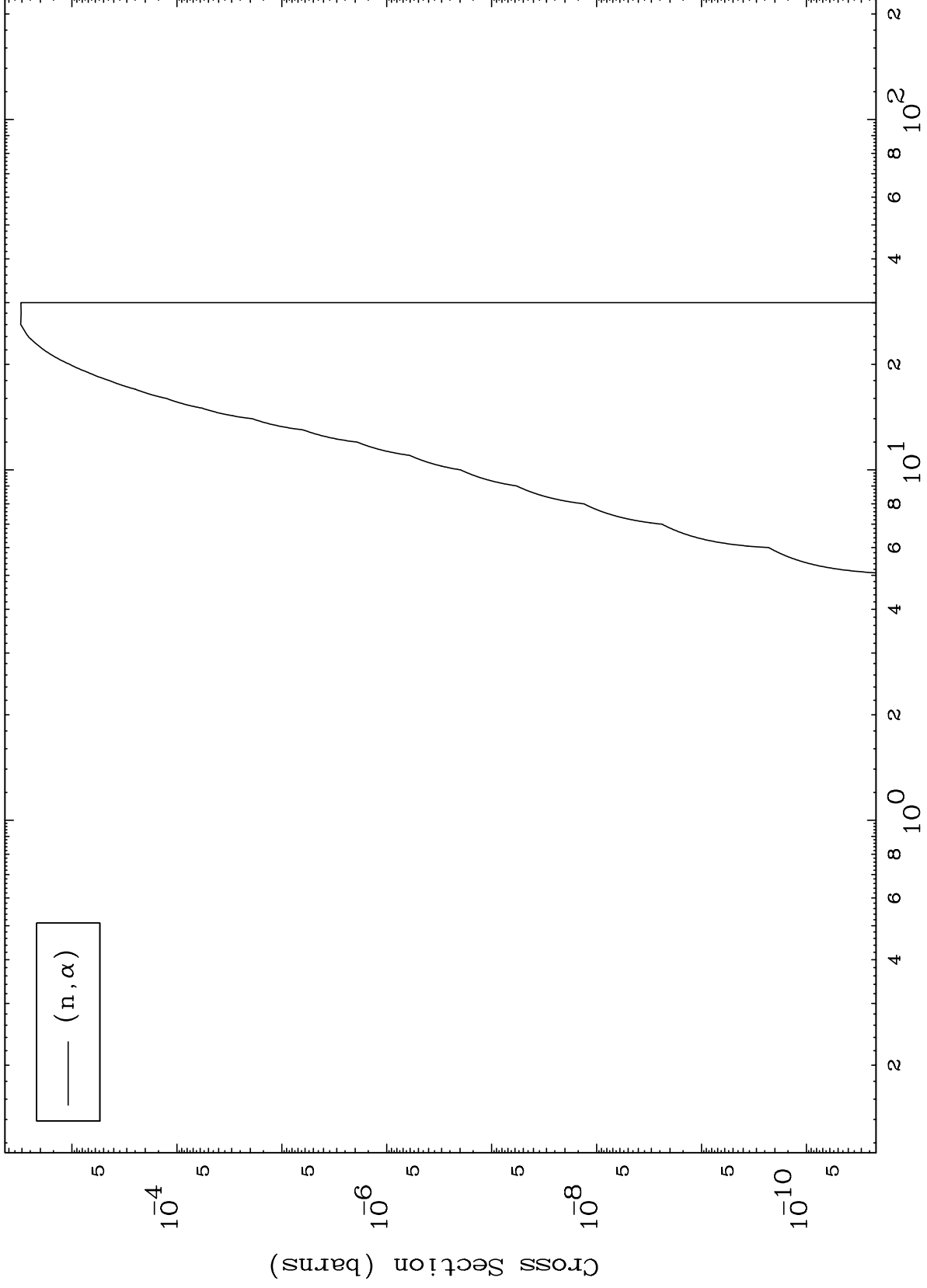
80-Hg-198

MAT 8031

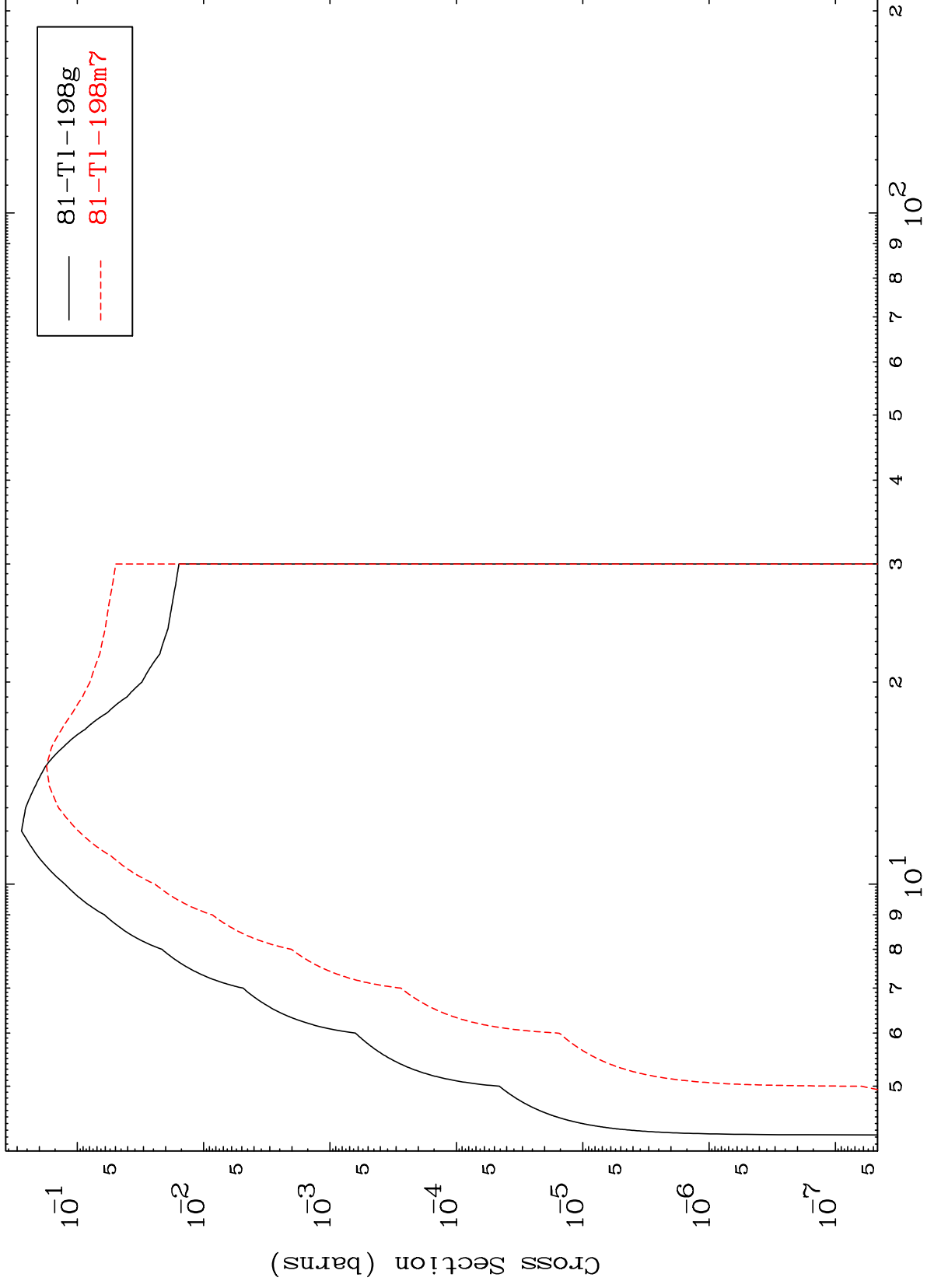
(p,  $\alpha$ ) Levels

80-Hg-198

0 Kelvin Cross Sections



Inelastic  
Radionuclide Production Cross Section

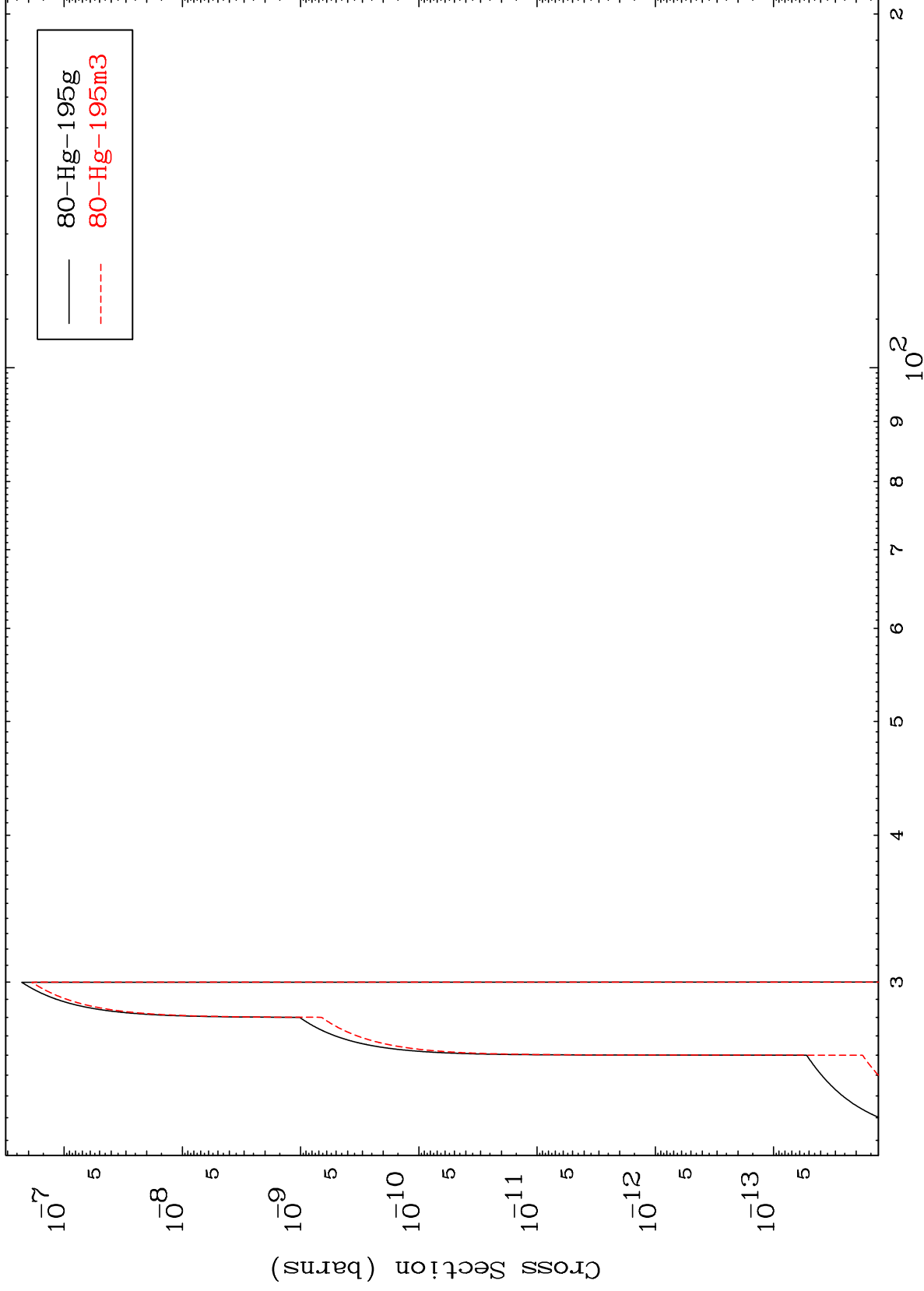


MAT 8031

(n,2n) d

80-Hg-198

Radionuclide Production Cross Section



13

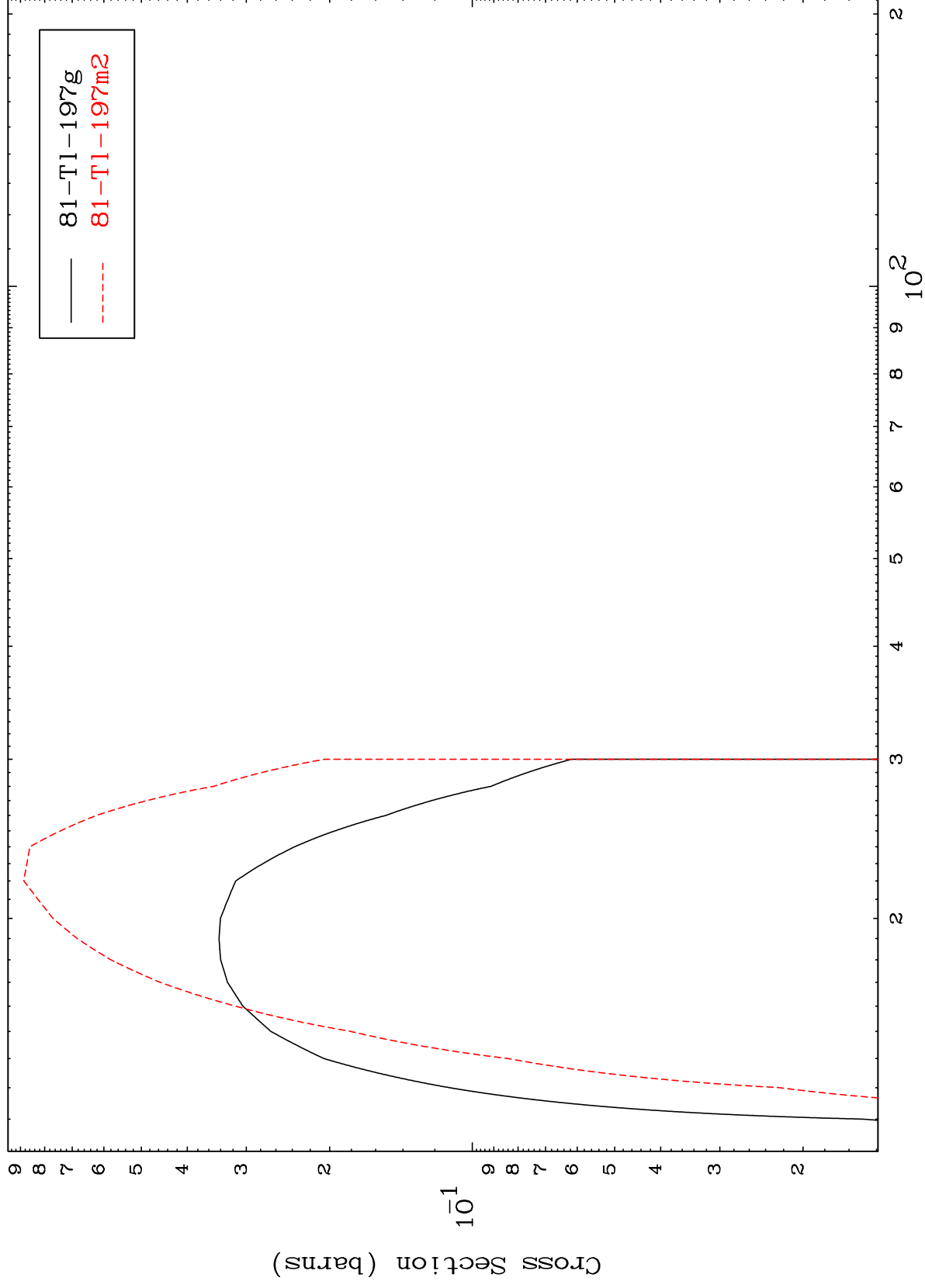
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,2n)  
Radionuclide Production Cross Section



80-Hg-198

Incident Energy (MeV)

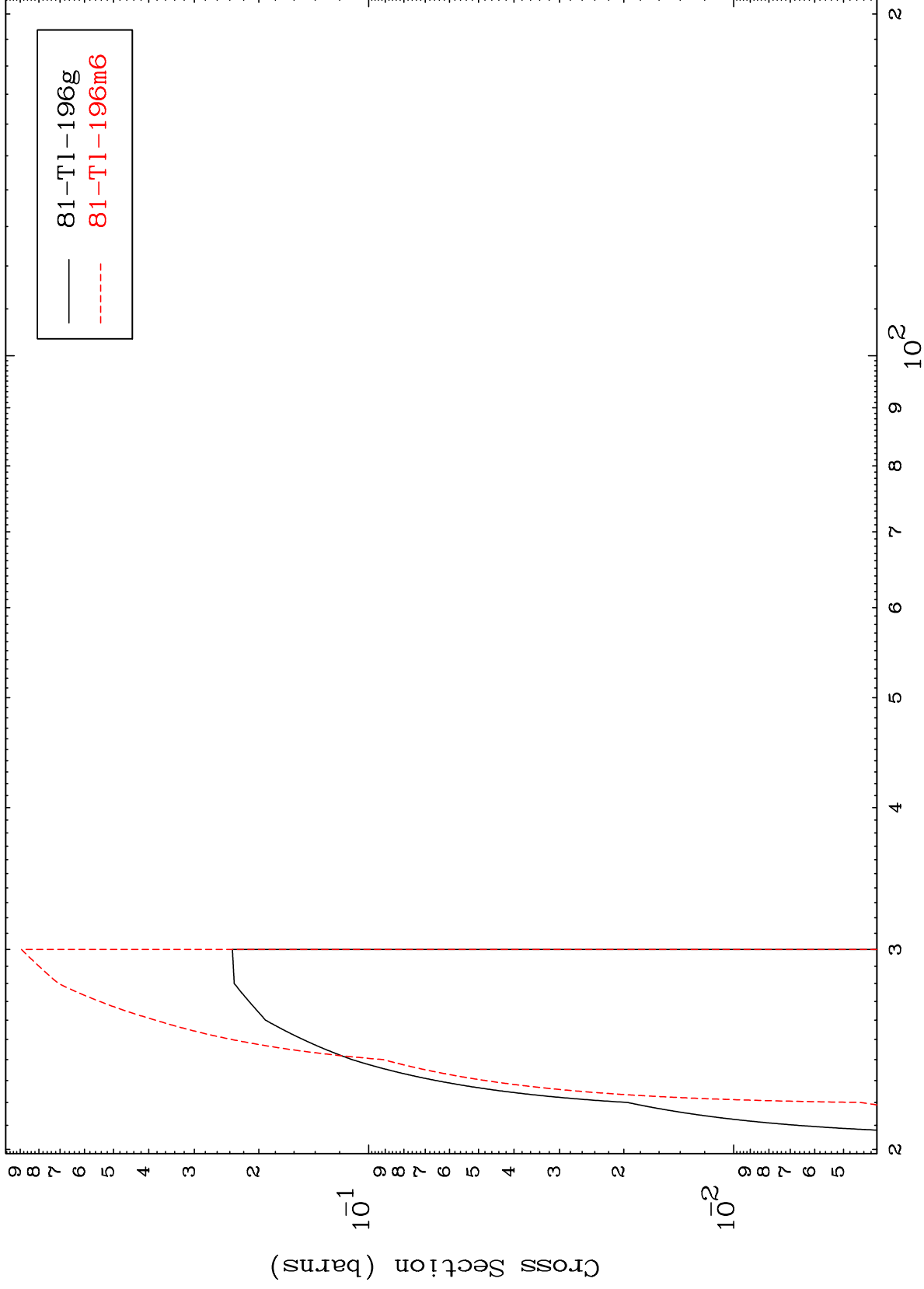
14

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(n,3n)

80-Hg-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

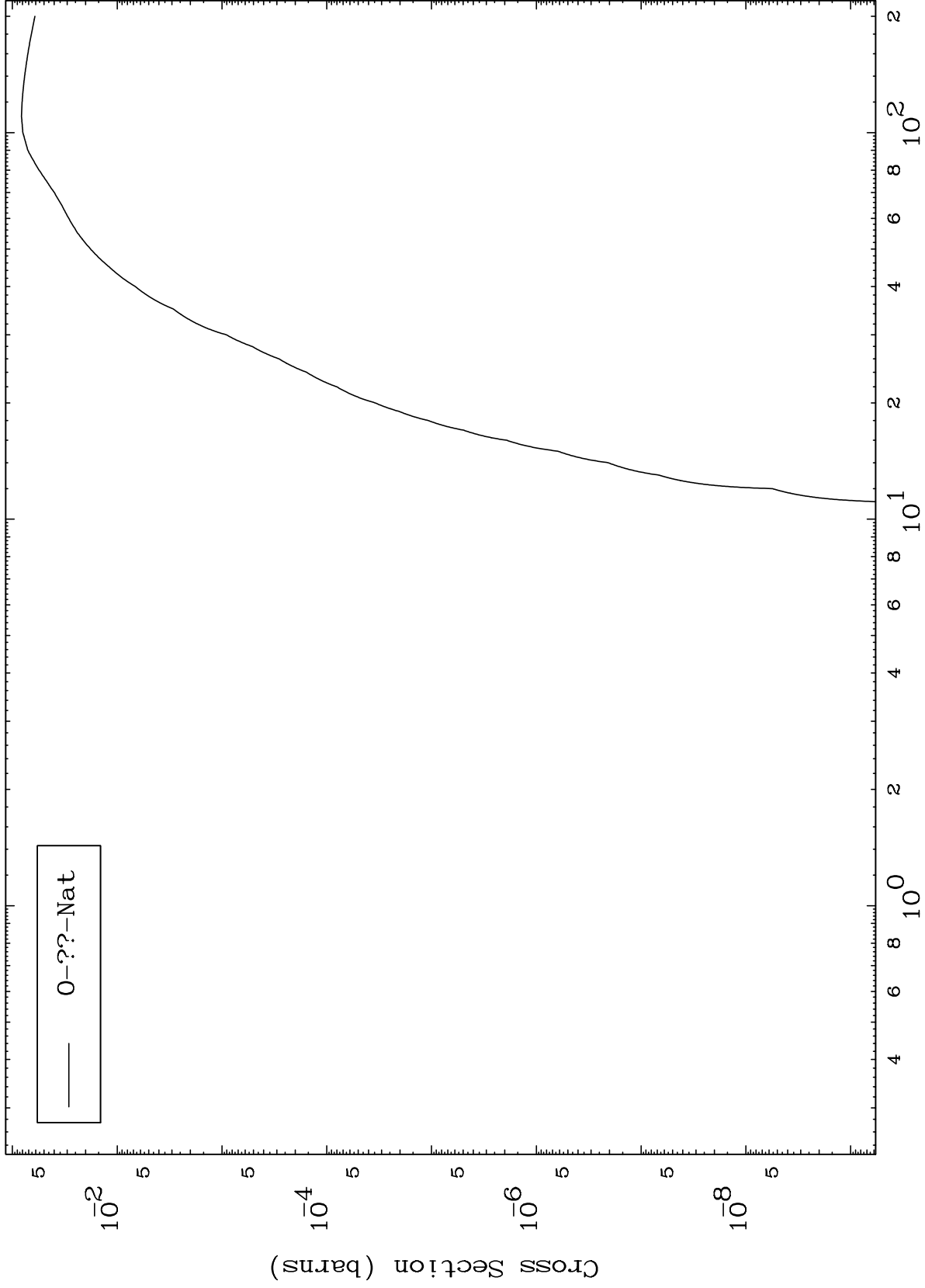
80-Hg-198

MAT 8031

Fission

80-Hg-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

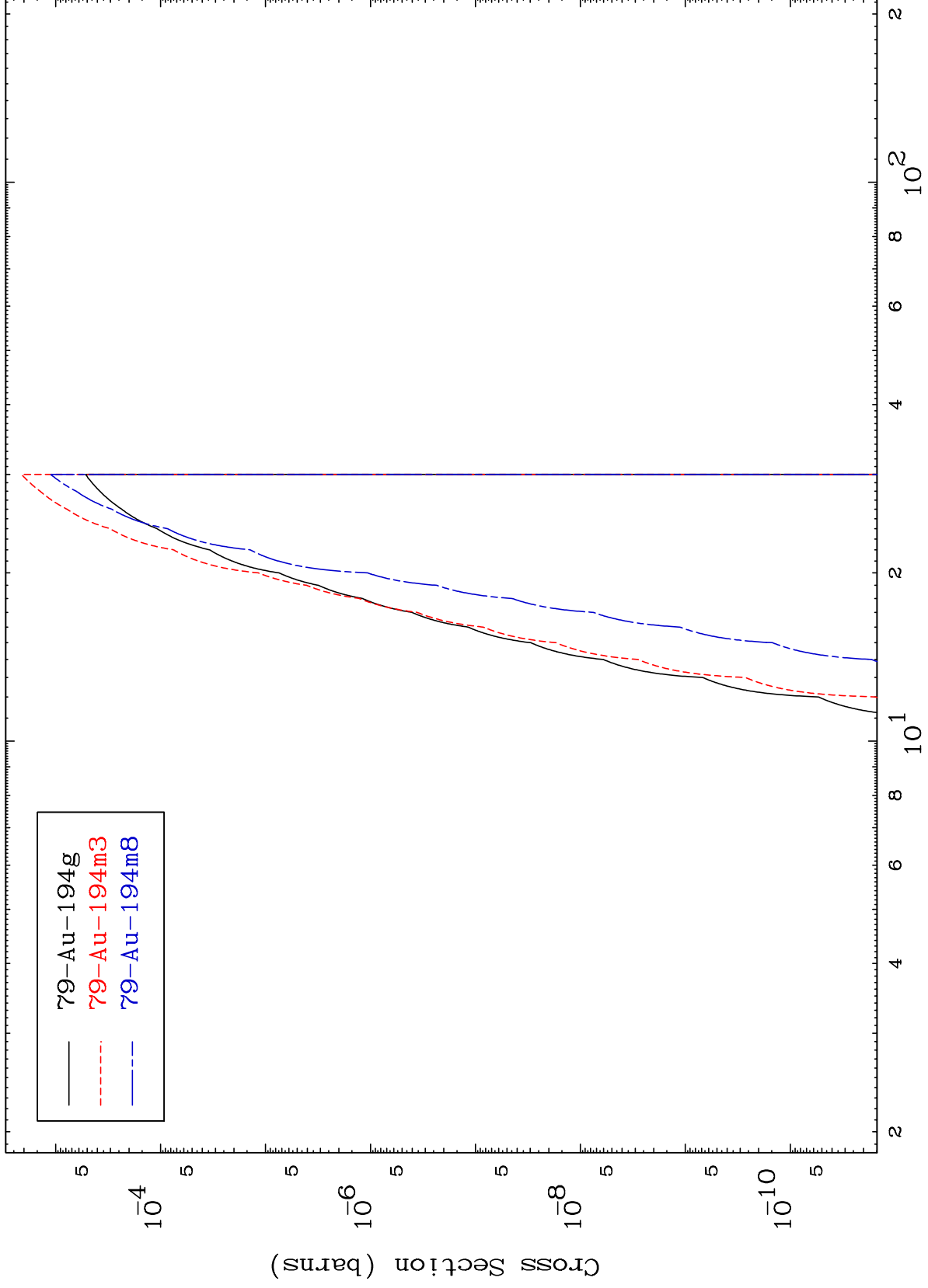
80-Hg-198

MAT 8031

(n,n')  $\alpha$

80-Hg-198

Radionuclide Production Cross Section



17

Incident Energy (MeV)

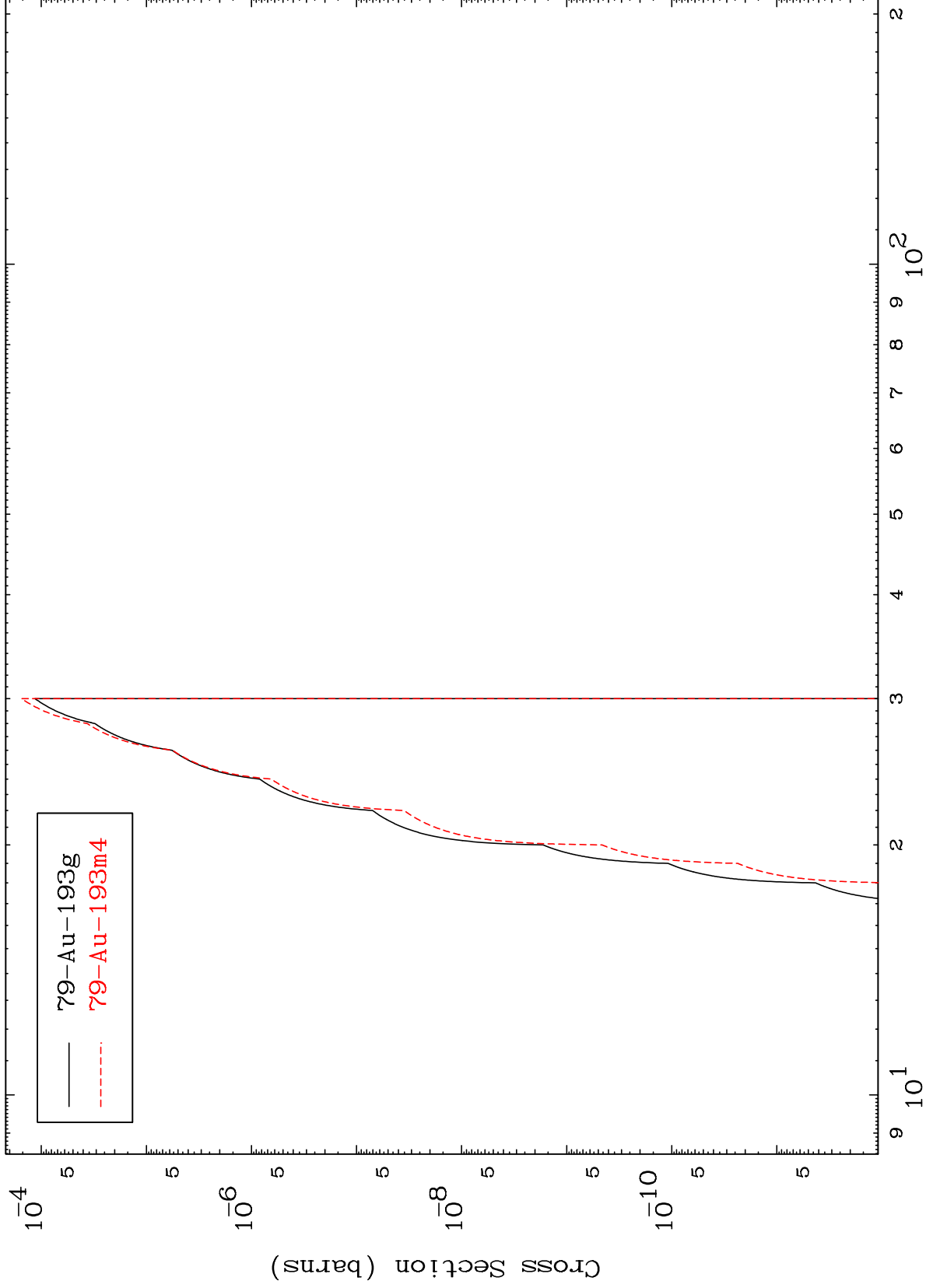
80-Hg-198

MAT 8031

80-Hg-198

(n,2n)  $\alpha$

Radionuclide Production Cross Section

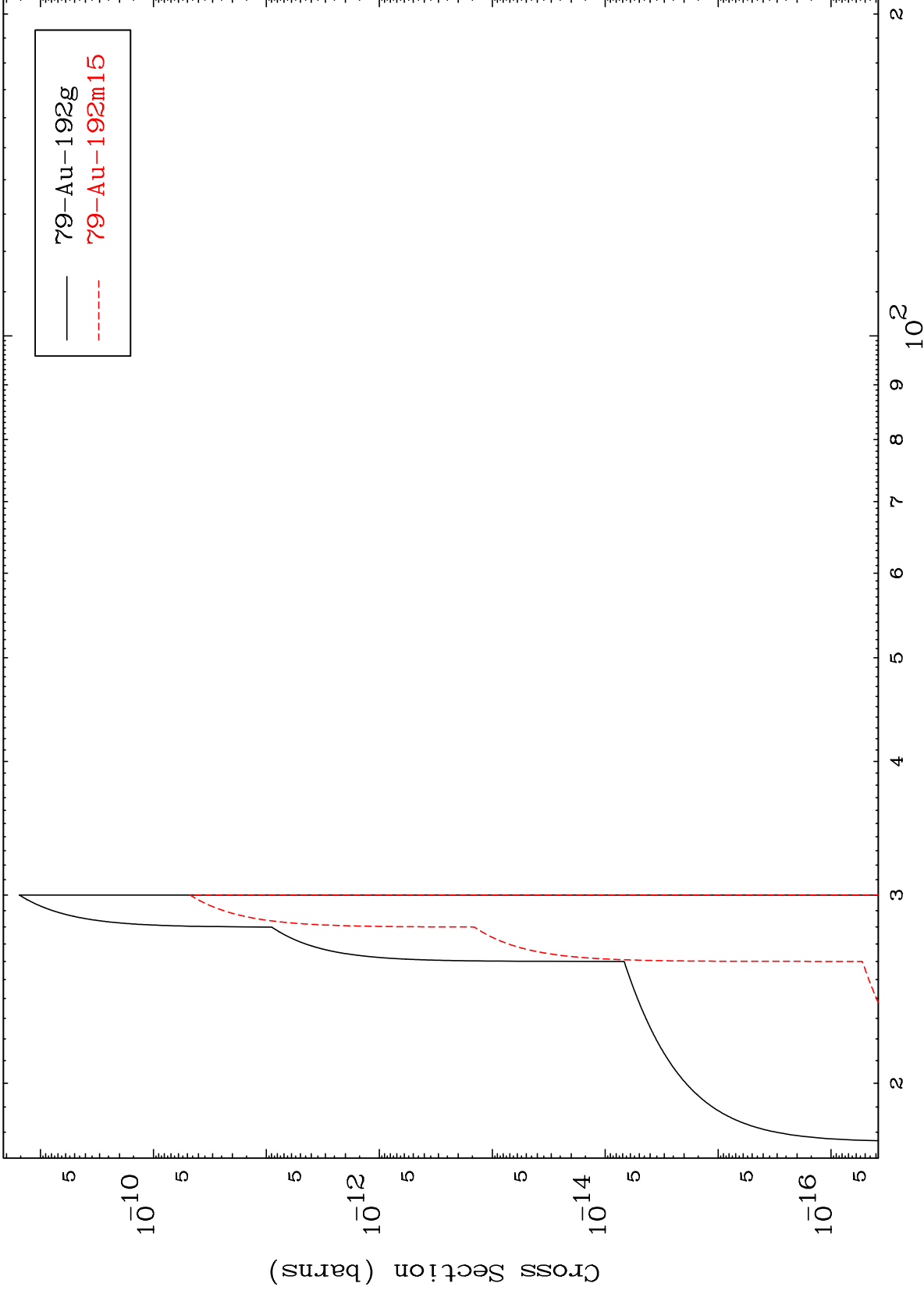


18

Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section

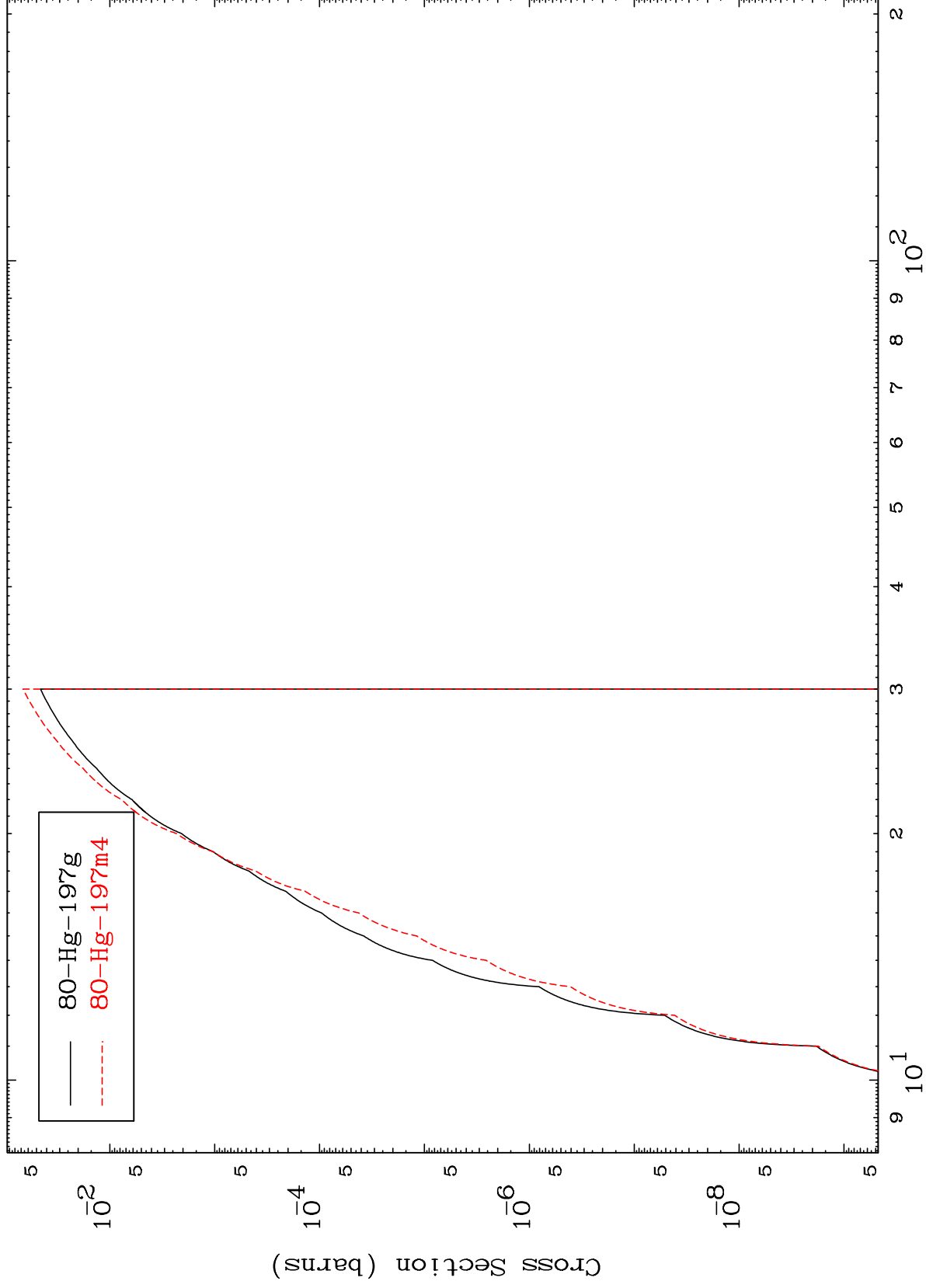


MAT 8031

(n,n') p

80-Hg-198

Radionuclide Production Cross Section



20

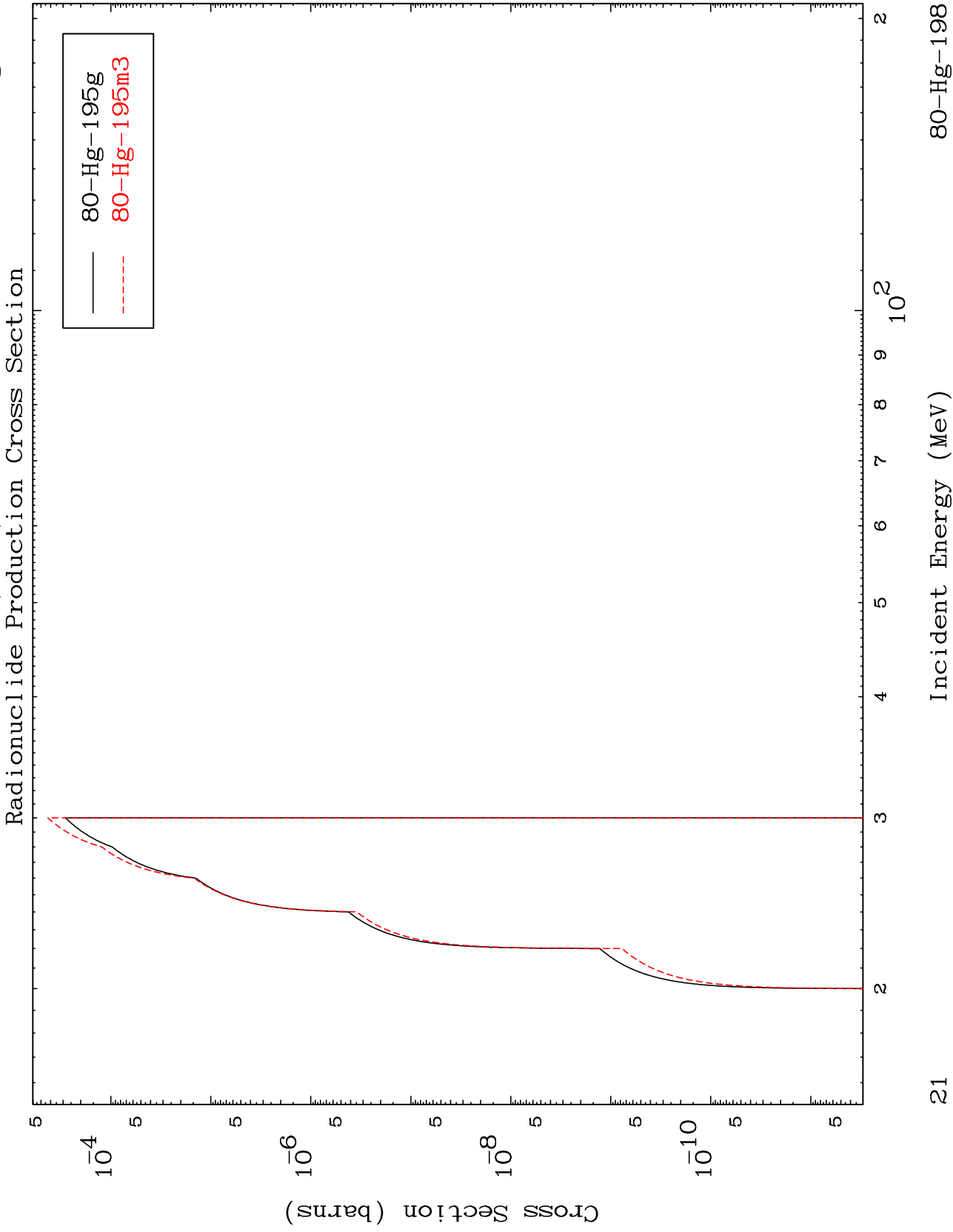
Incident Energy (MeV)

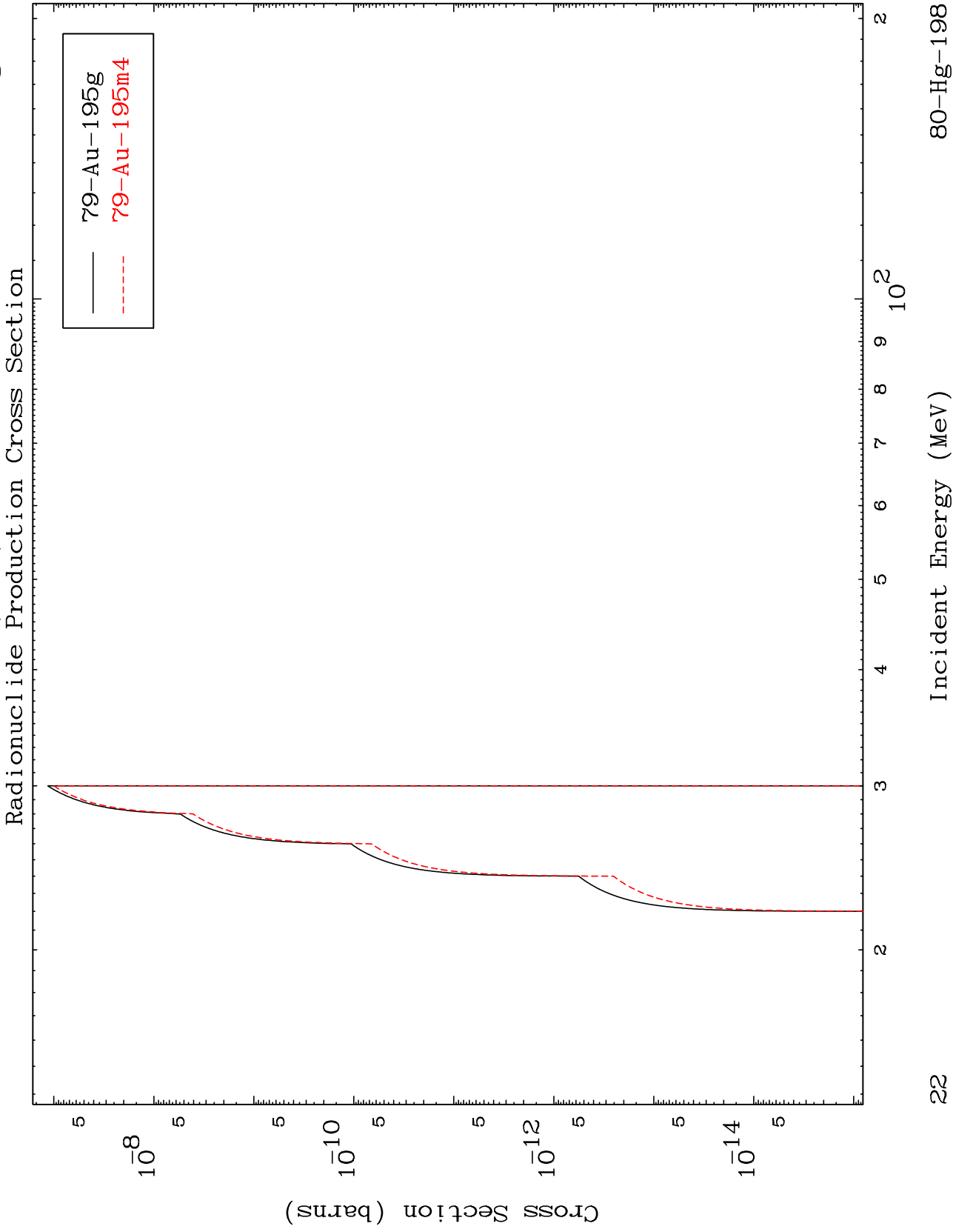
80-Hg-198

MAT 8031

(n,n') t

80-Hg-198

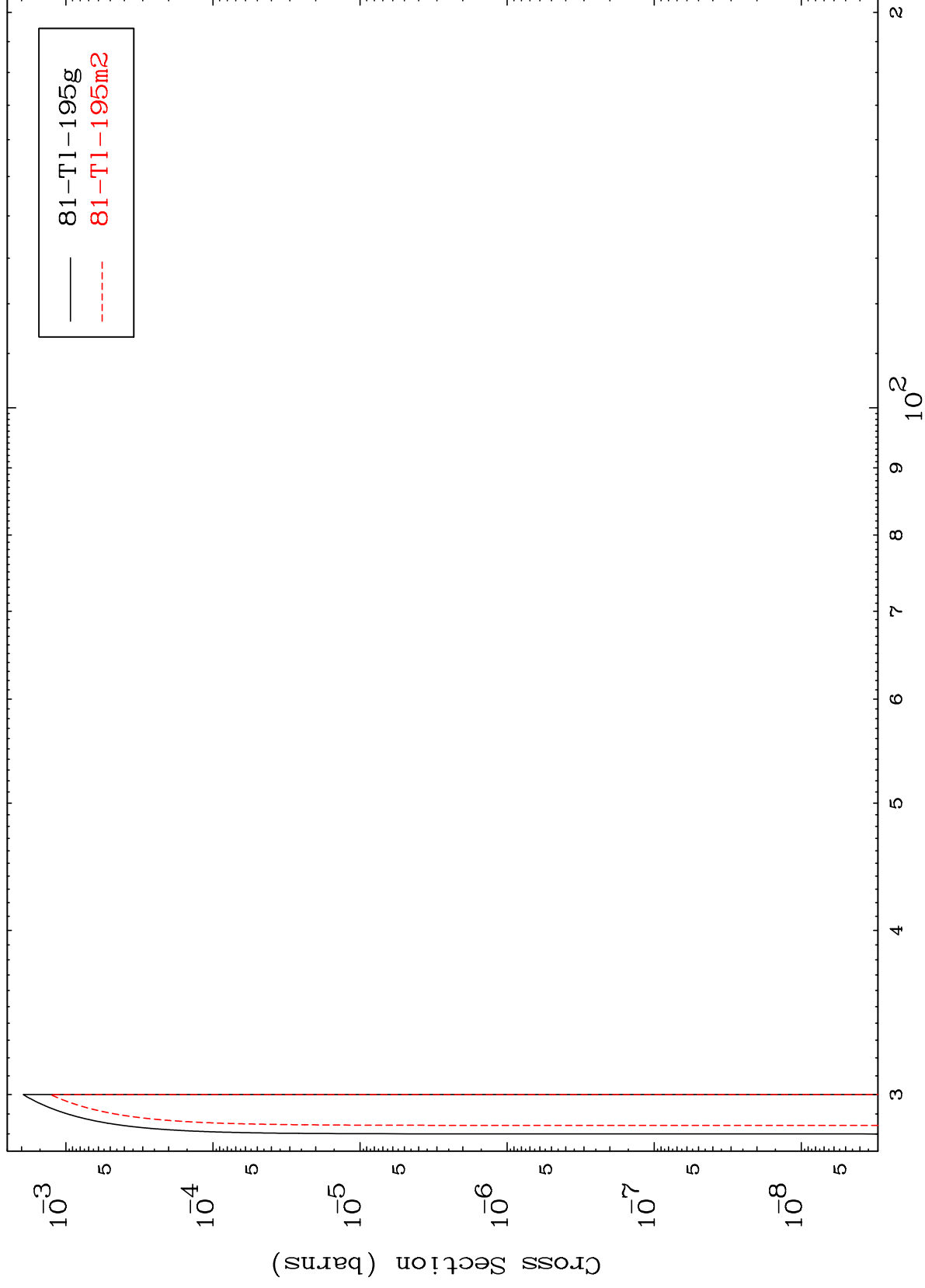




MAT 8031

80-Hg-198

(n,4n)  
Radionuclide Production Cross Section



23

80-Hg-198

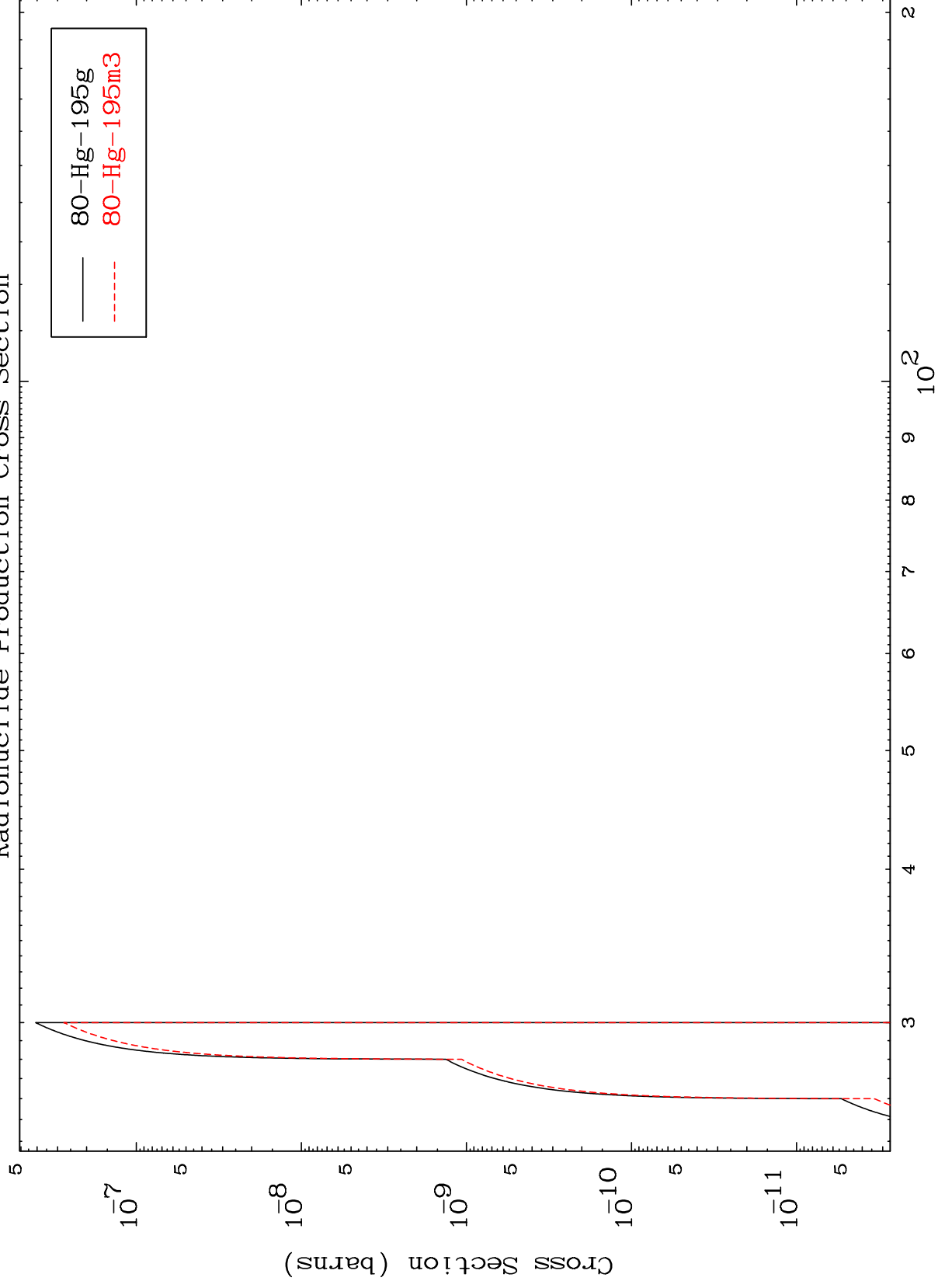
Incident Energy (MeV)

MAT 8031

80-Hg-198

(n,3n) p

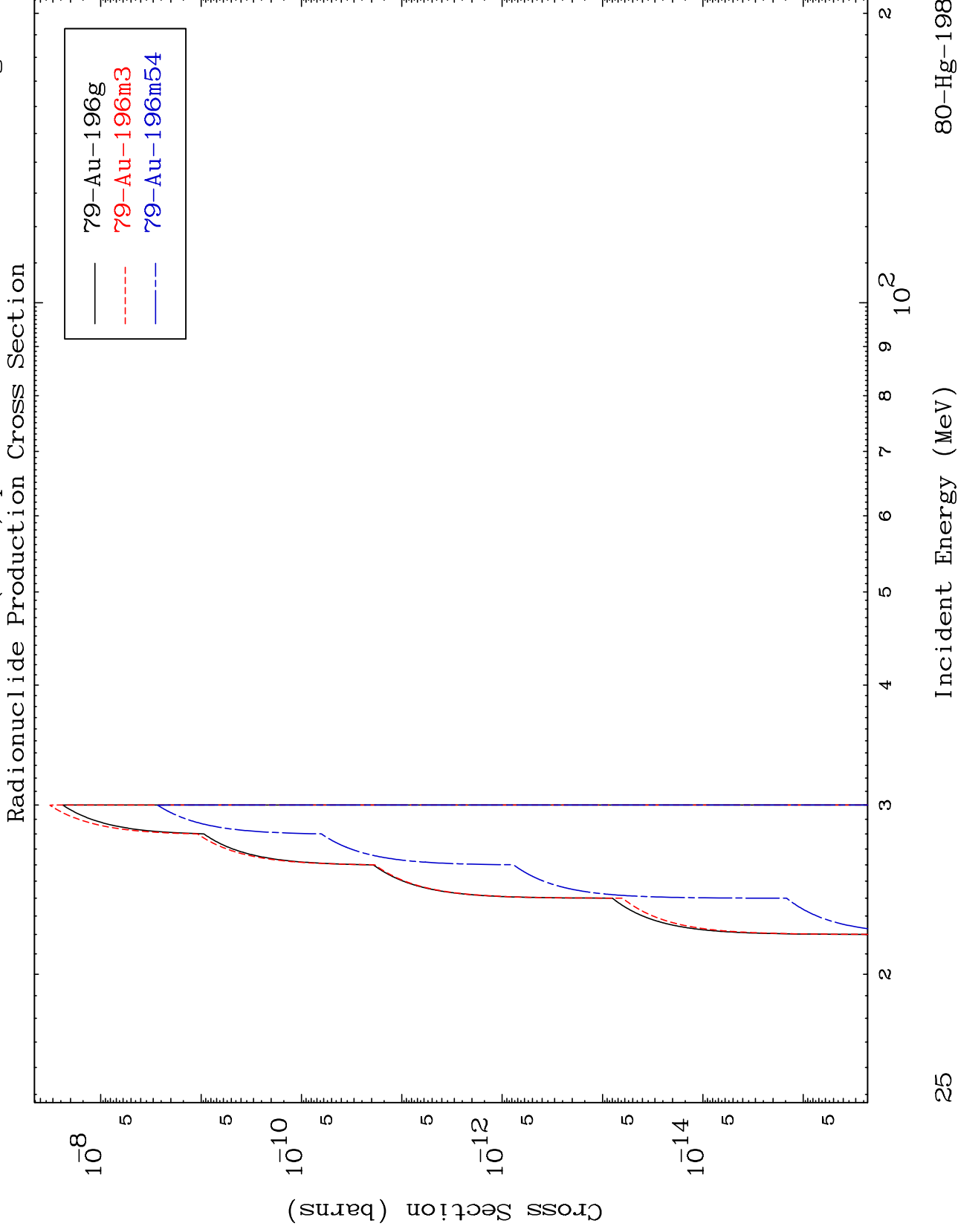
Radionuclide Production Cross Section



24

Incident Energy (MeV)

80-Hg-198

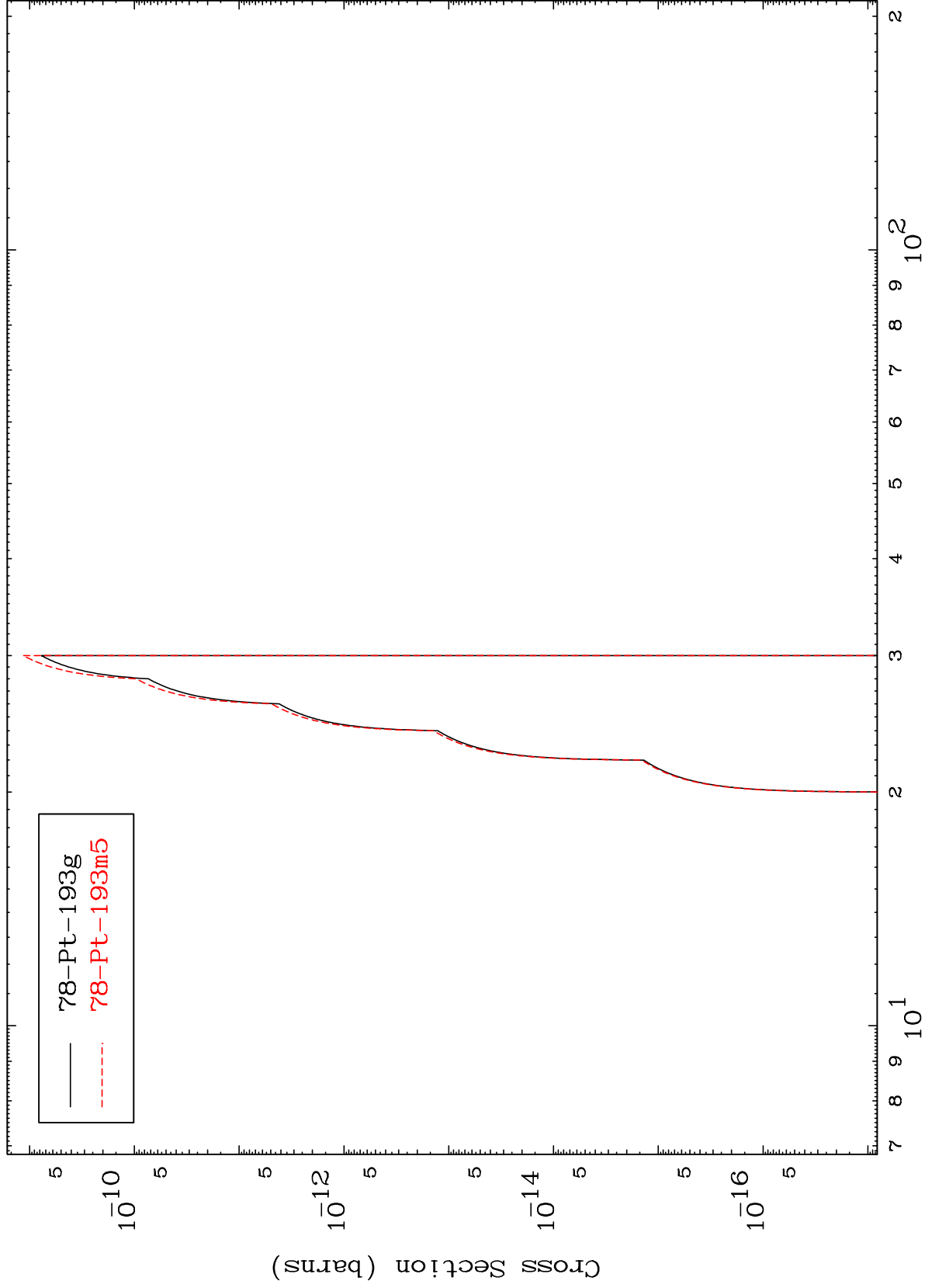


MAT 8031

(n,n') p  $\alpha$

80-Hg-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

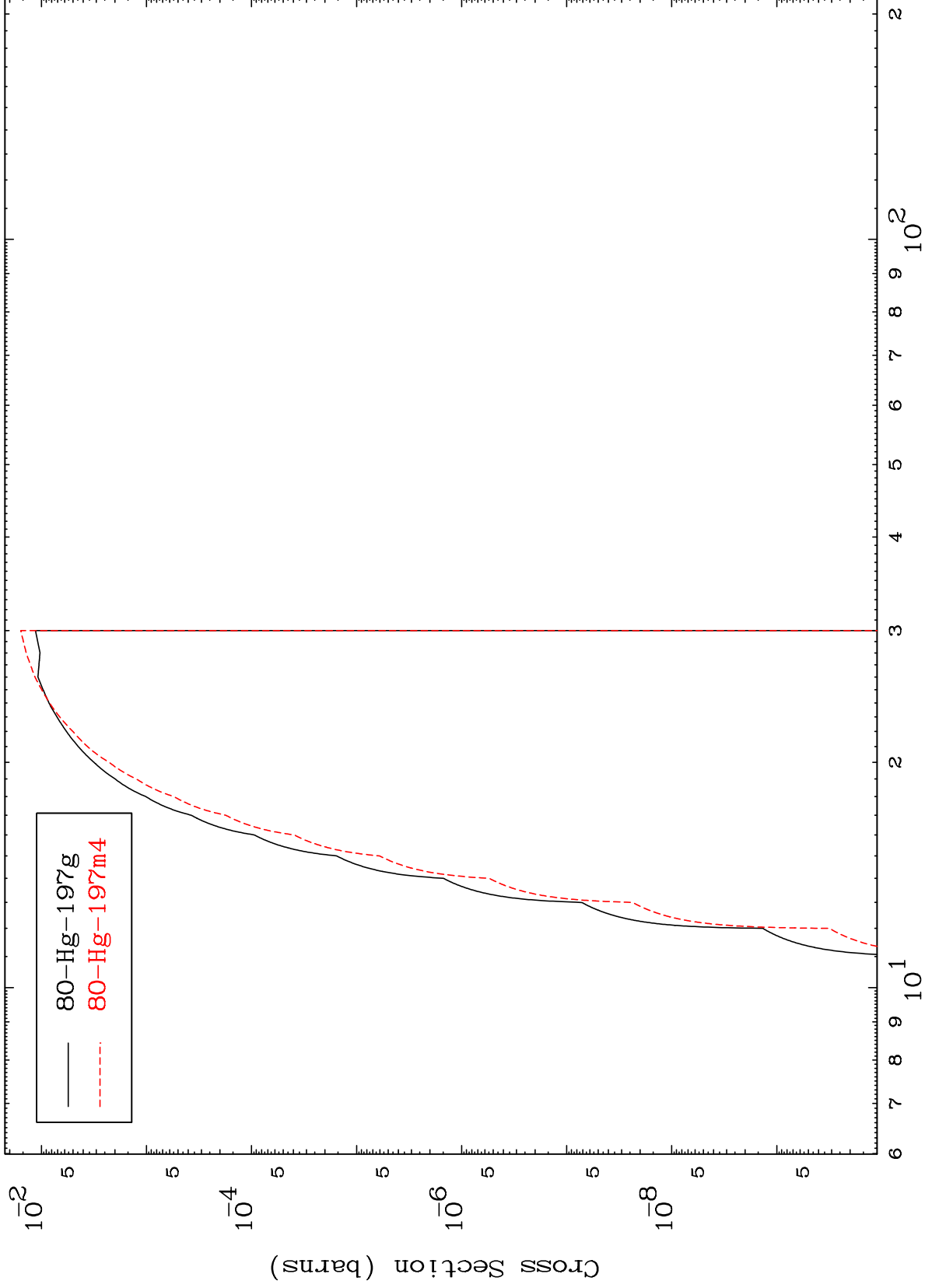
80-Hg-198

MAT 8031

(n,d)

80-Hg-198

Radionuclide Production Cross Section

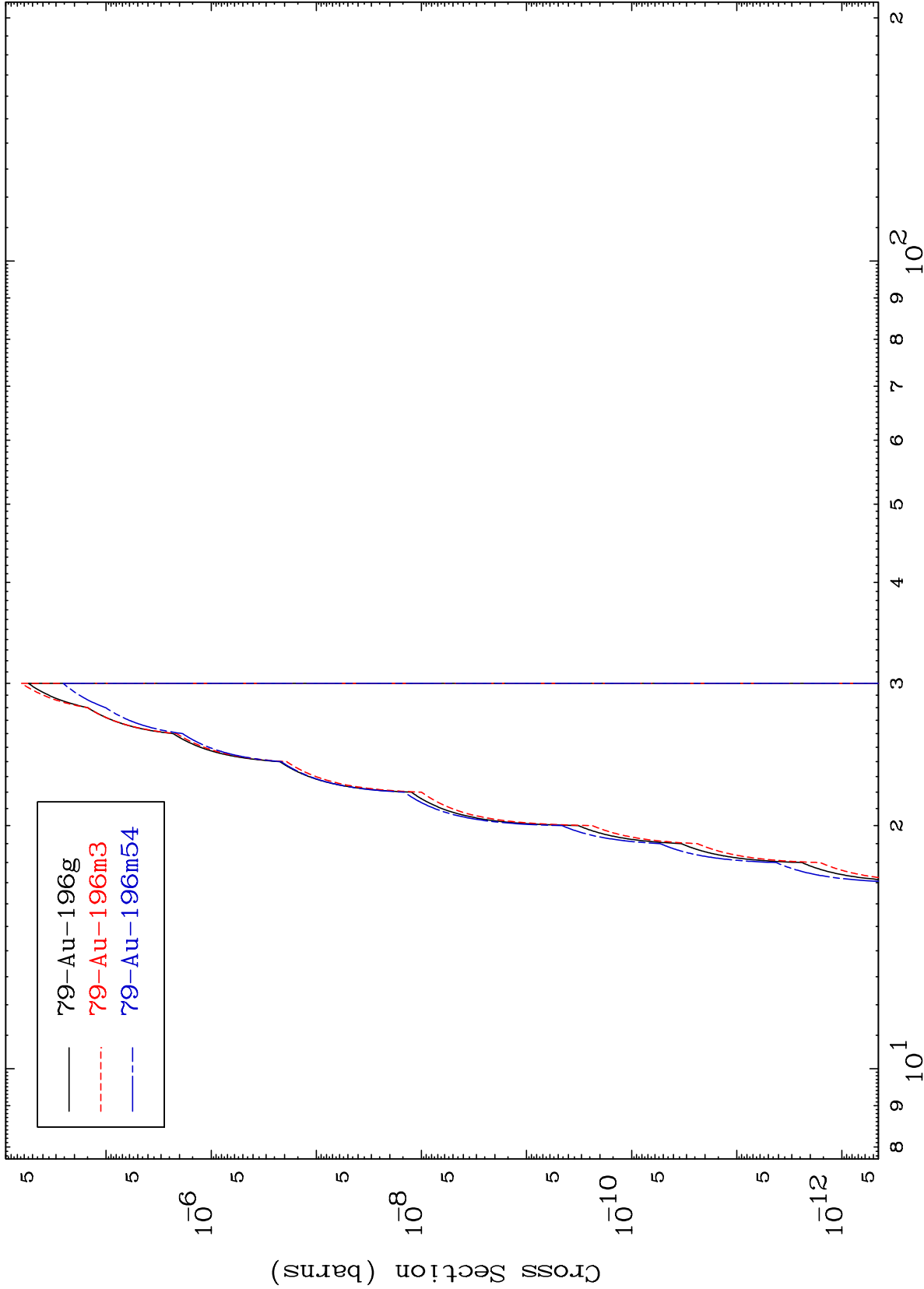


27

Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section

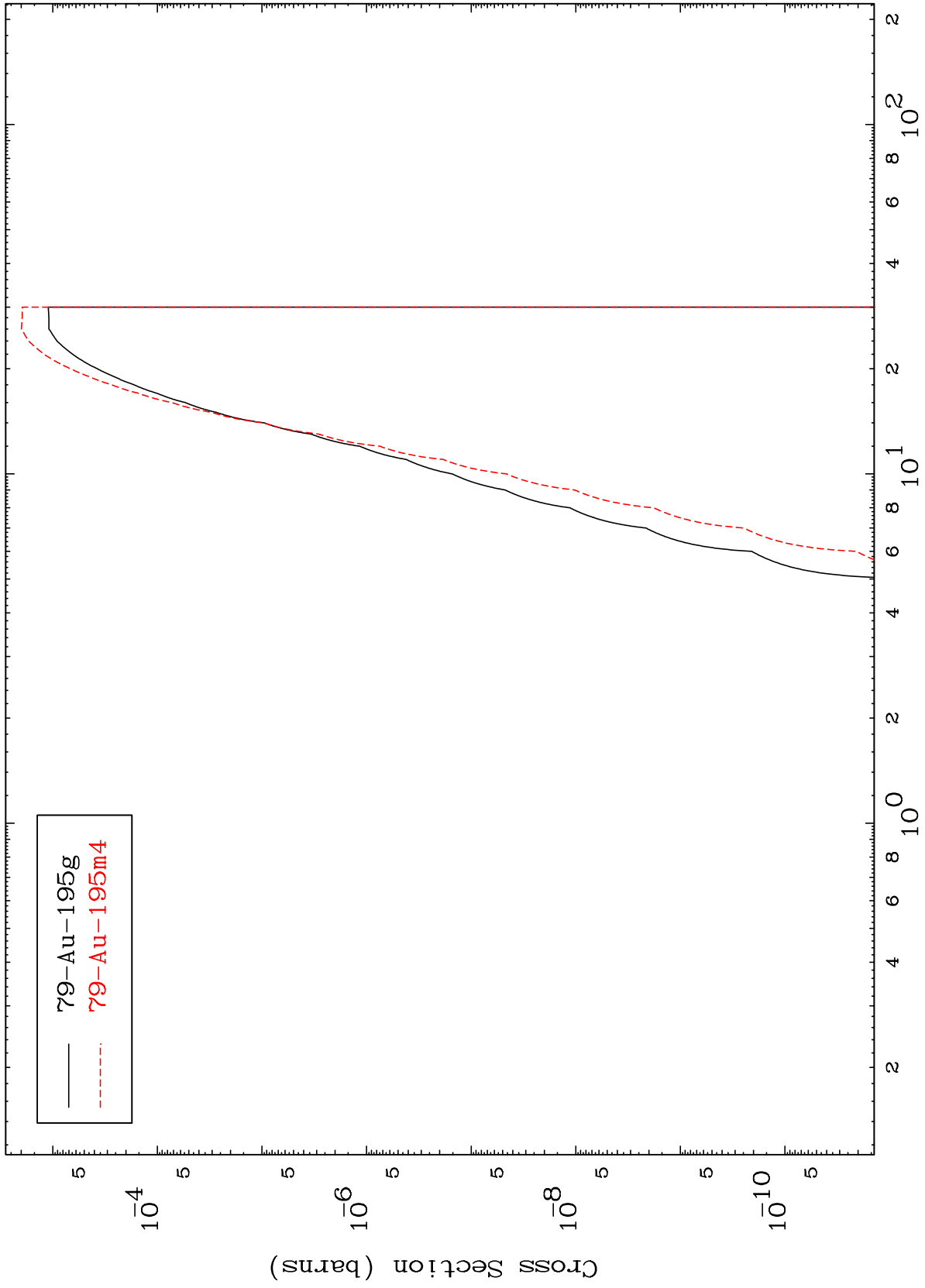


79-Au-196g  
79-Au-196m3  
79-Au-196m54

MAT 8031

80-Hg-198

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



29

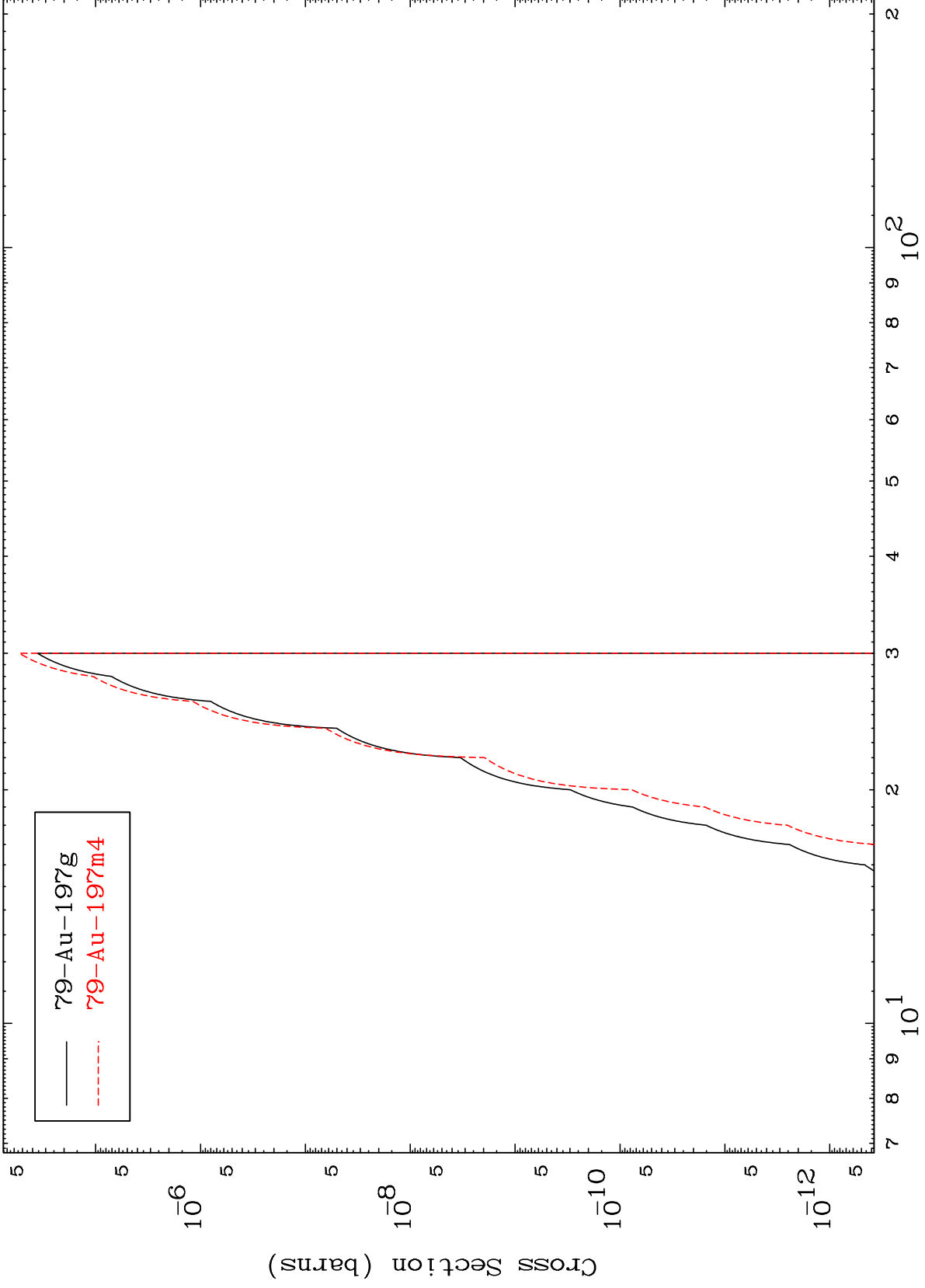
80-Hg-198

Incident Energy (MeV)

MAT 8031

80-Hg-198

(n,2p)  
Radionuclide Production Cross Section

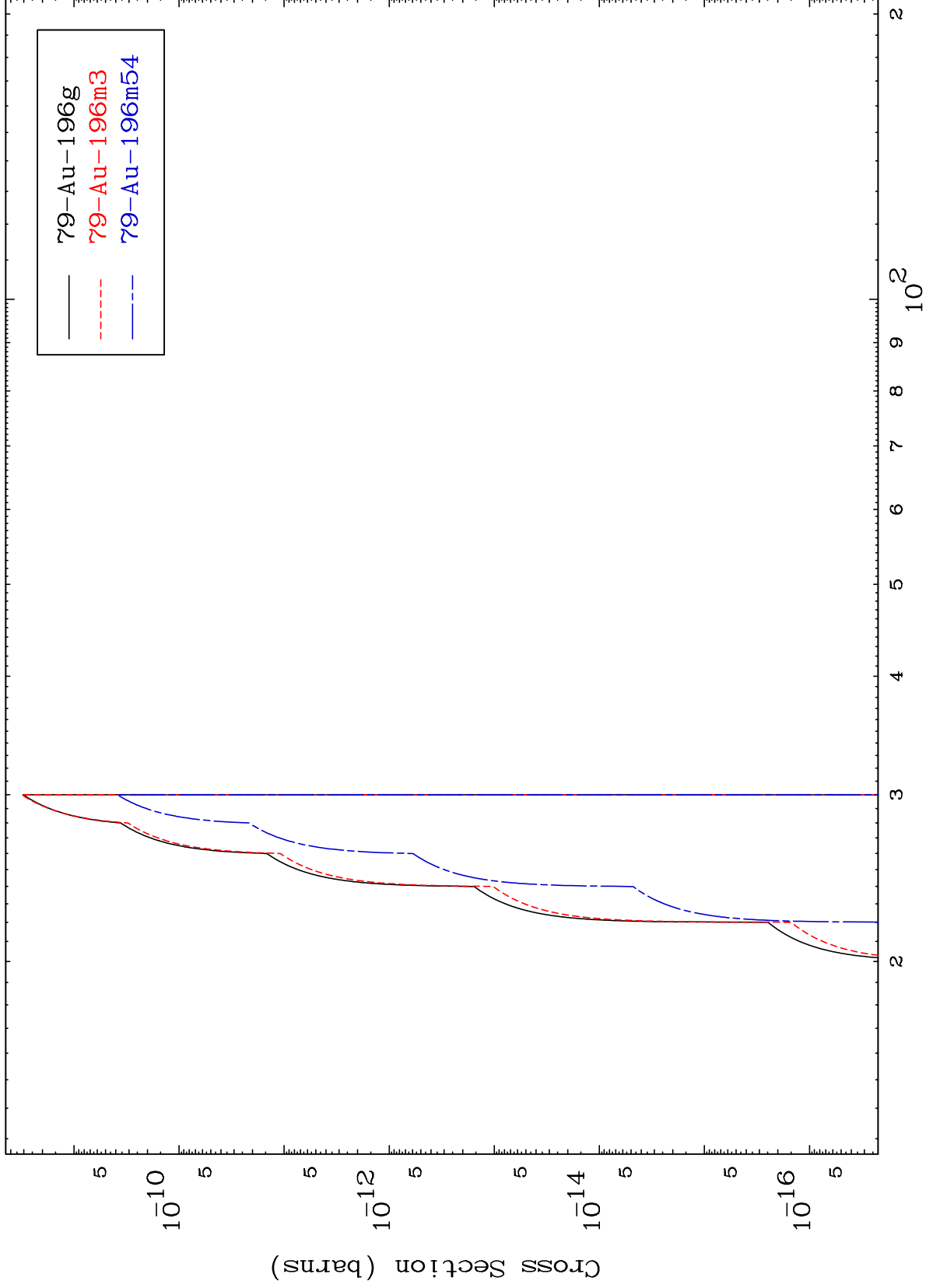


30

Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section

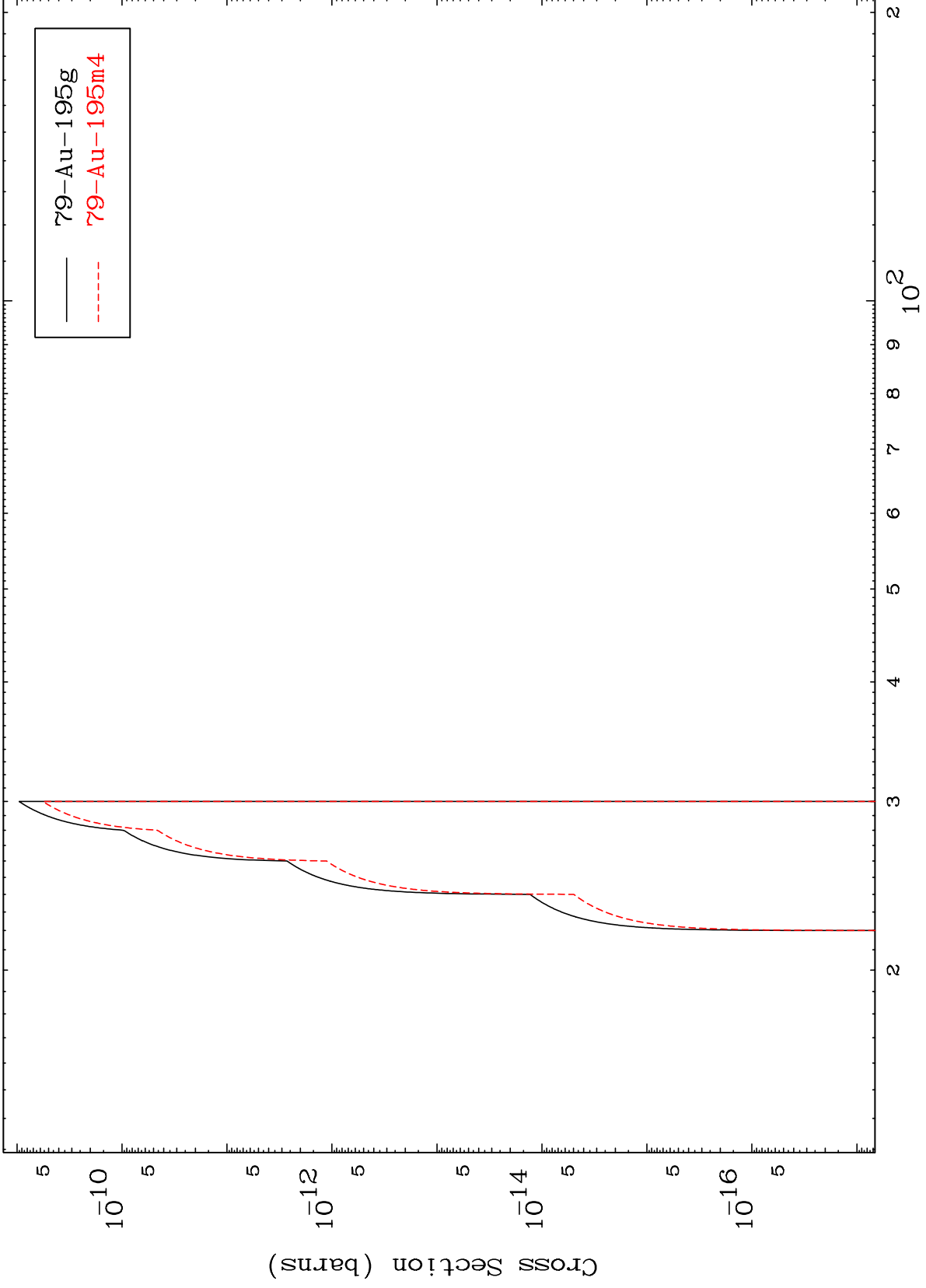


MAT 8031

(n,p) t

80-Hg-198

Radionuclide Production Cross Section



32

Incident Energy (MeV)

80-Hg-198