

Program EVALPLOT  
(Version 2021-1)

by

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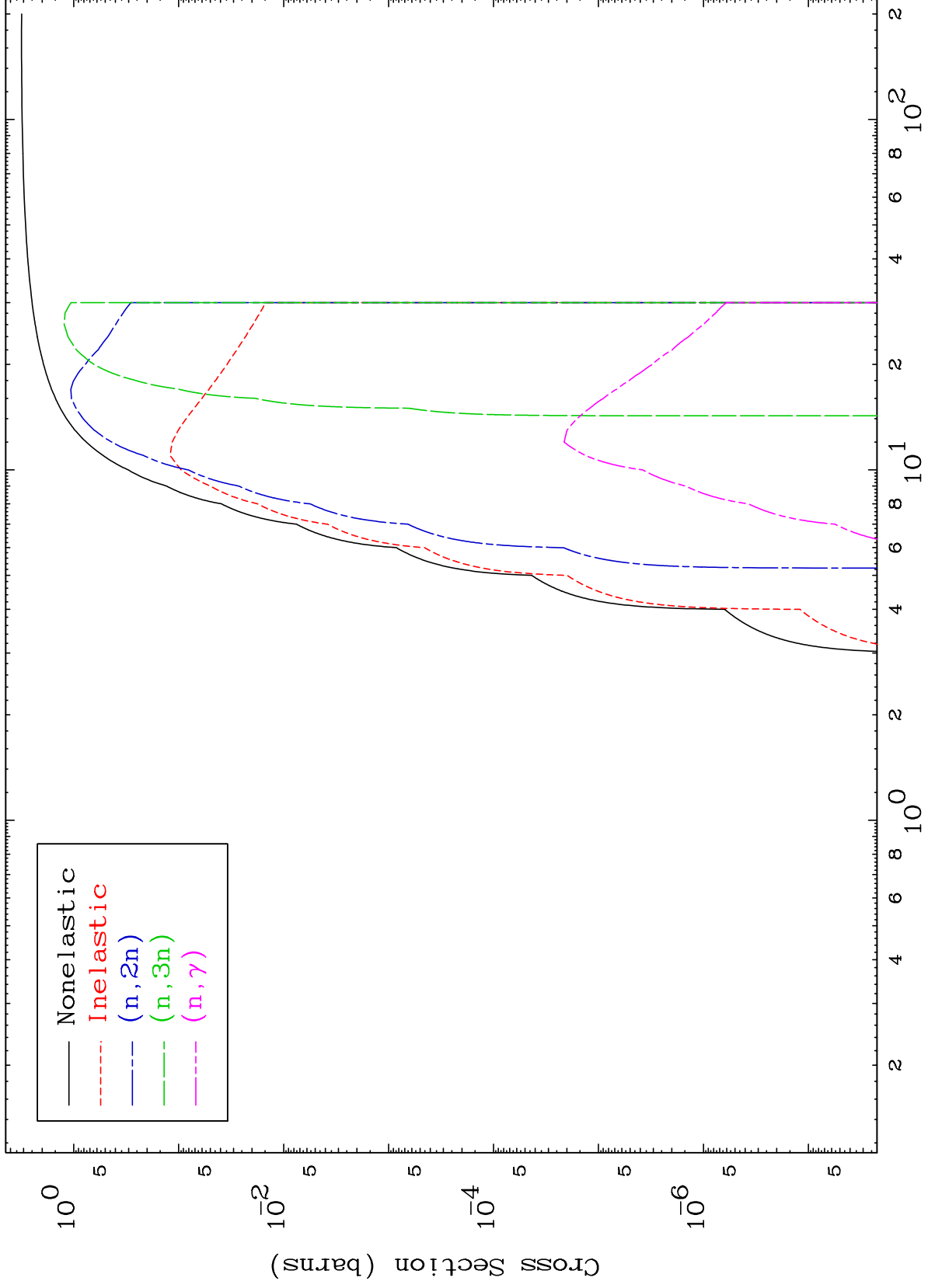
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8028

Deuteron Major  
0 Kelvin Cross Sections

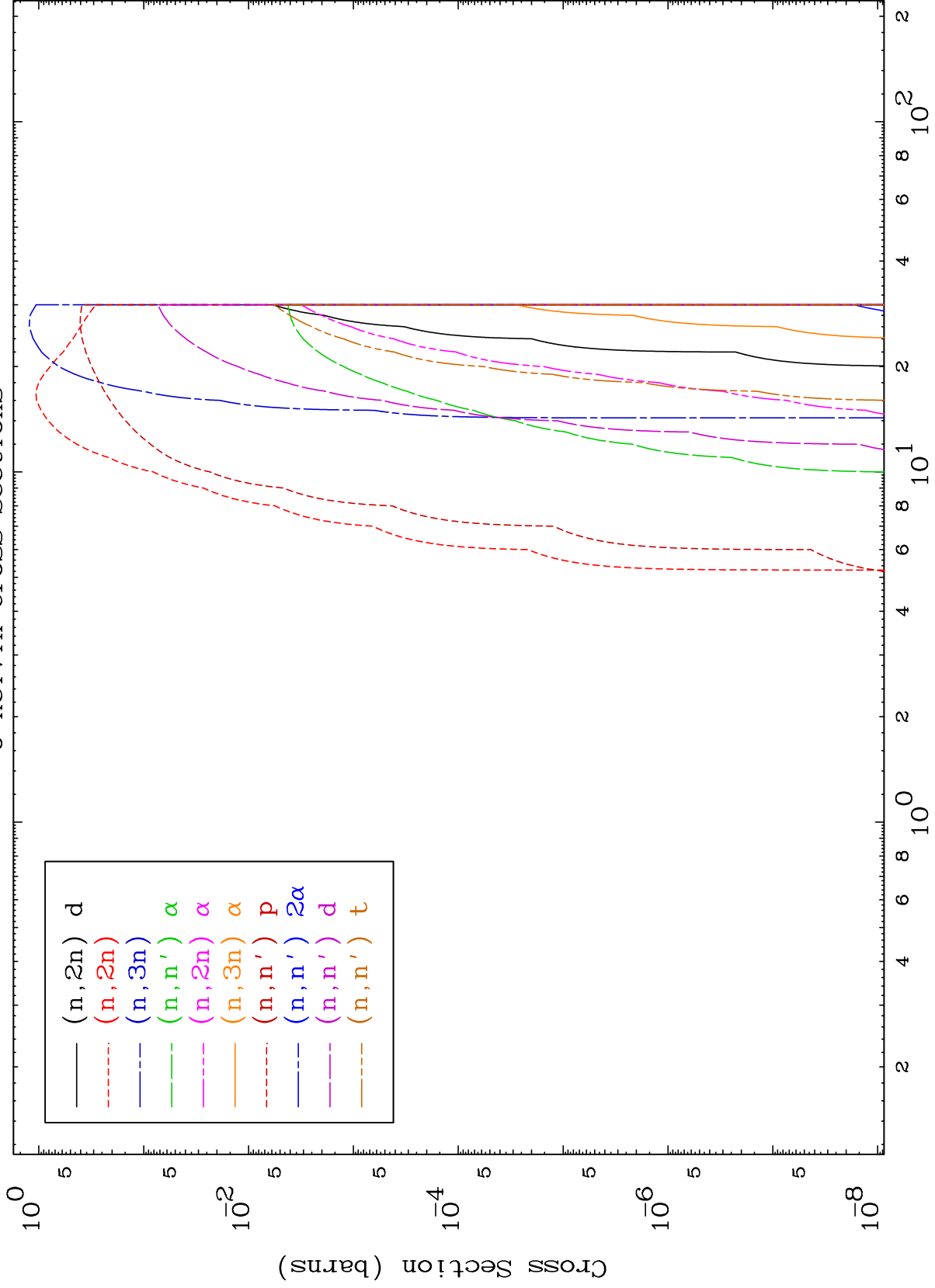
80-Hg-197

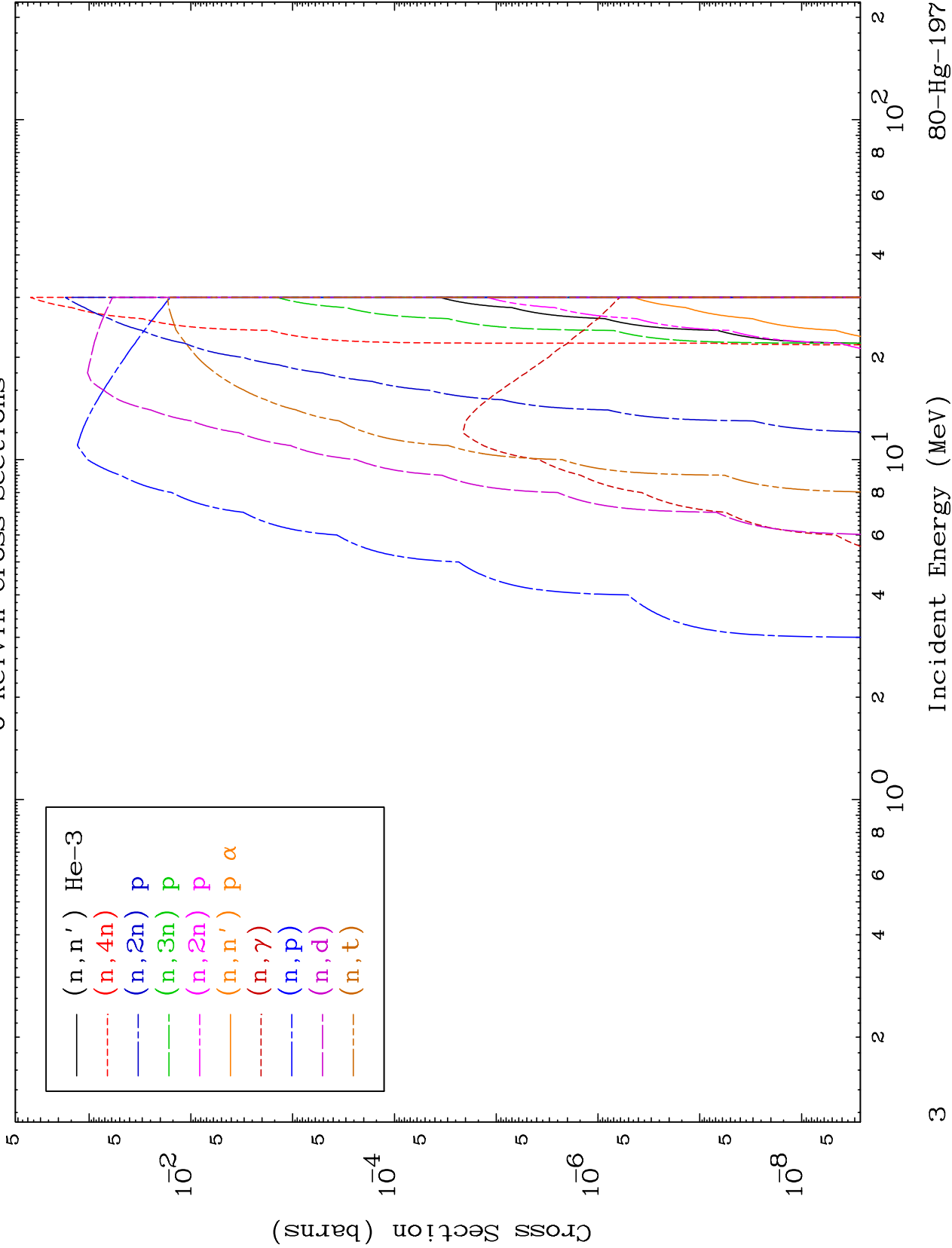


MAT 8028

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-197

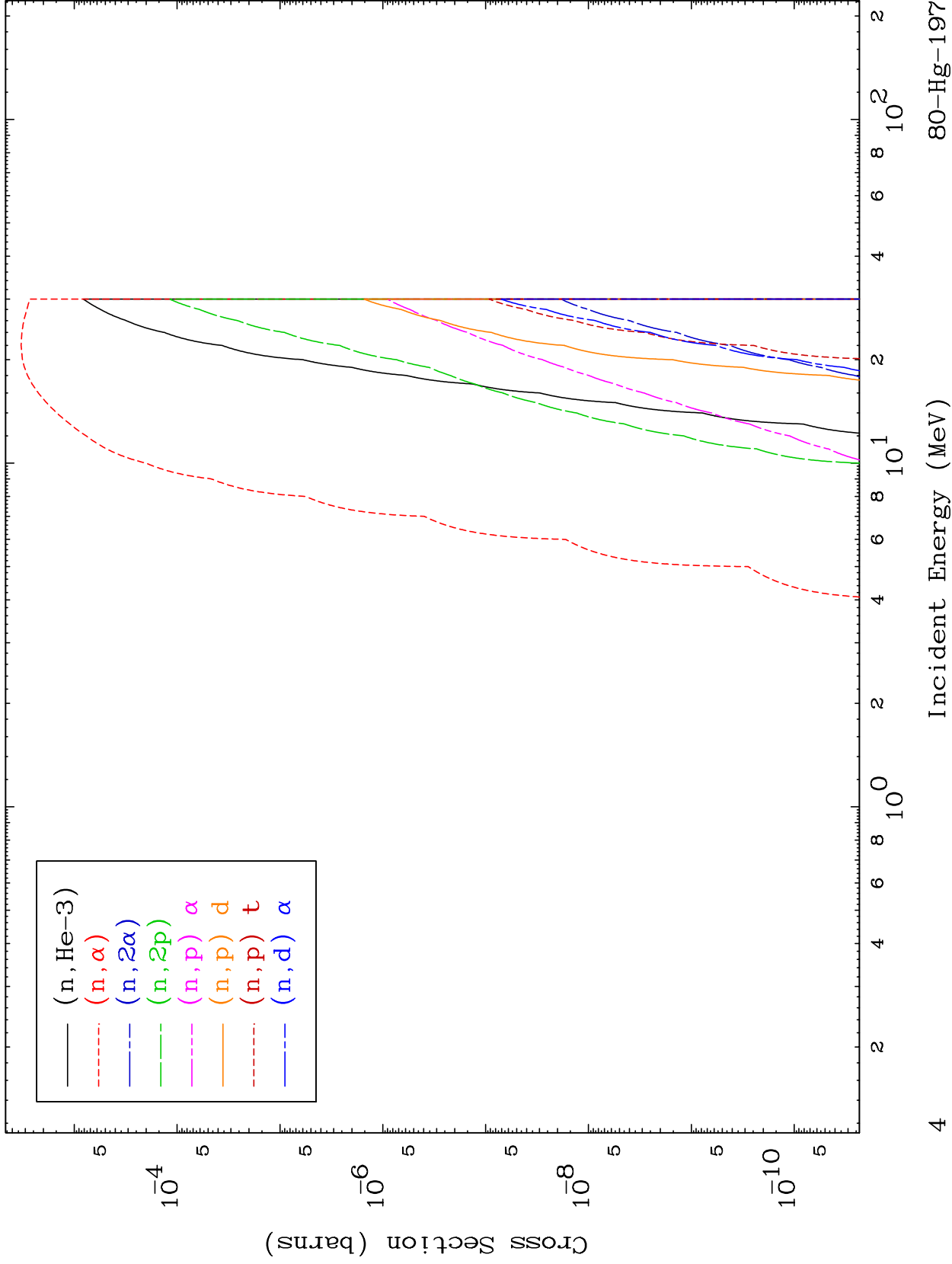


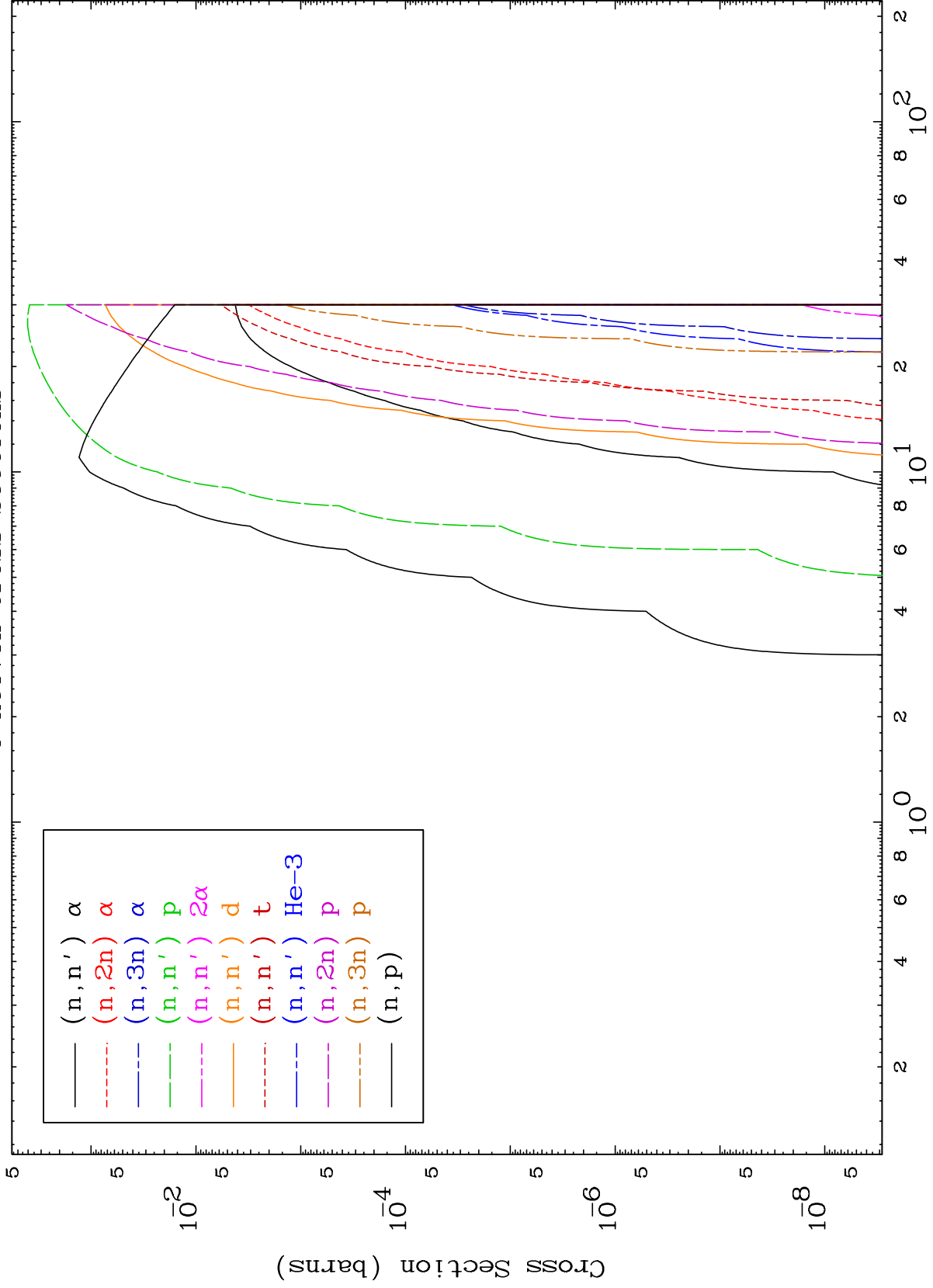


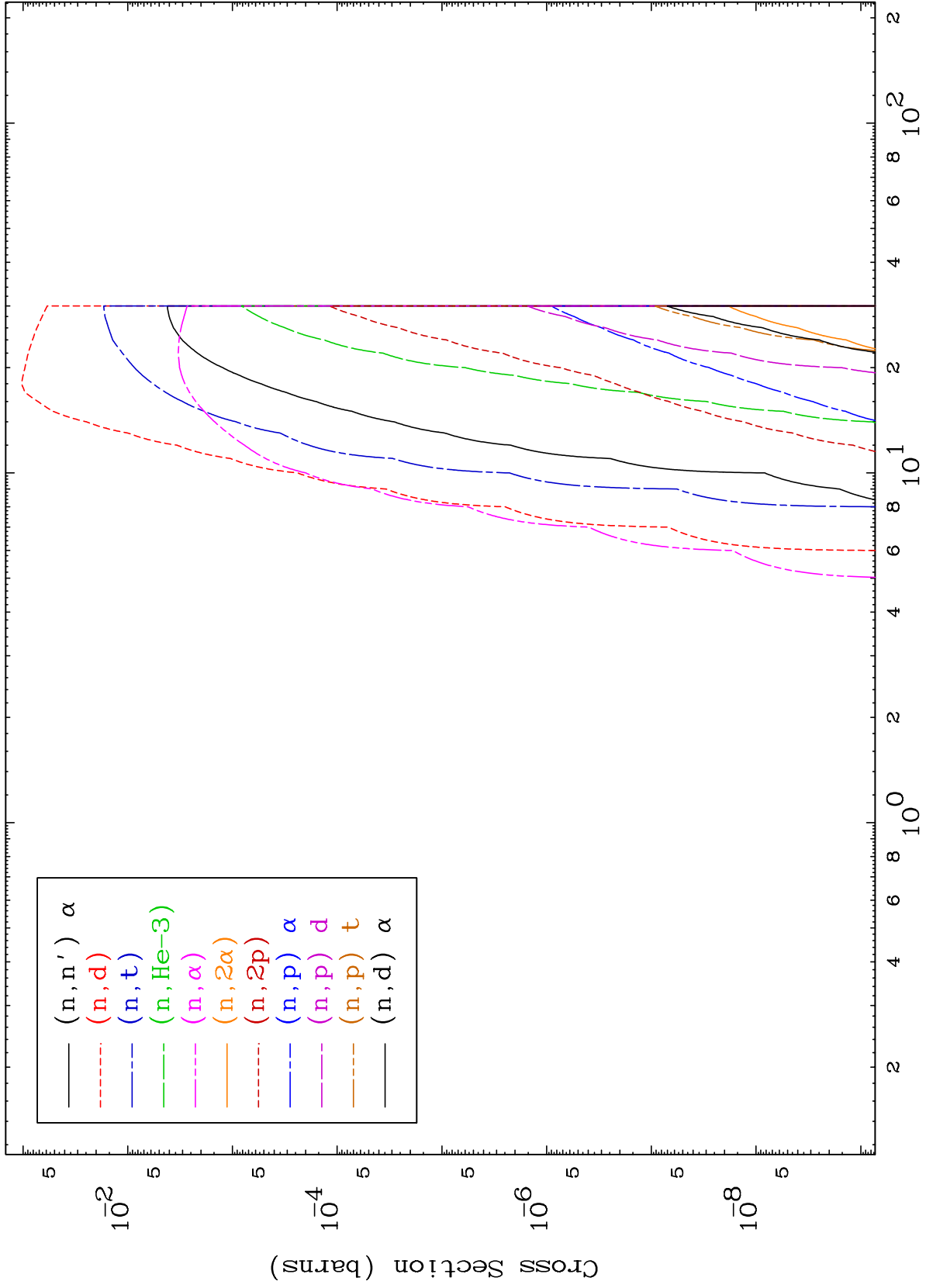
MAT 8028

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-197



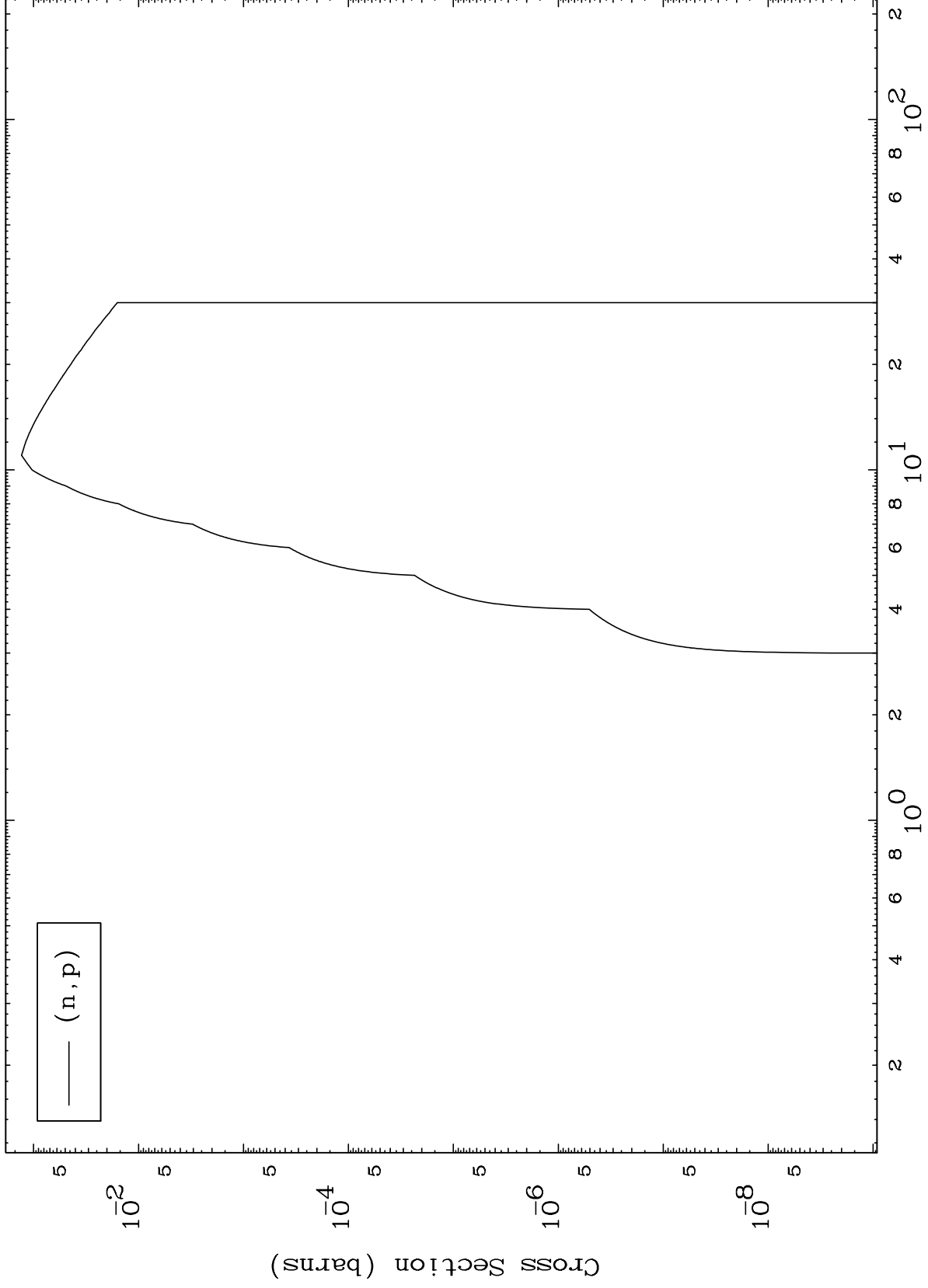




MAT 8028

(d,p) Levels  
0 Kelvin Cross Sections

80-Hg-197

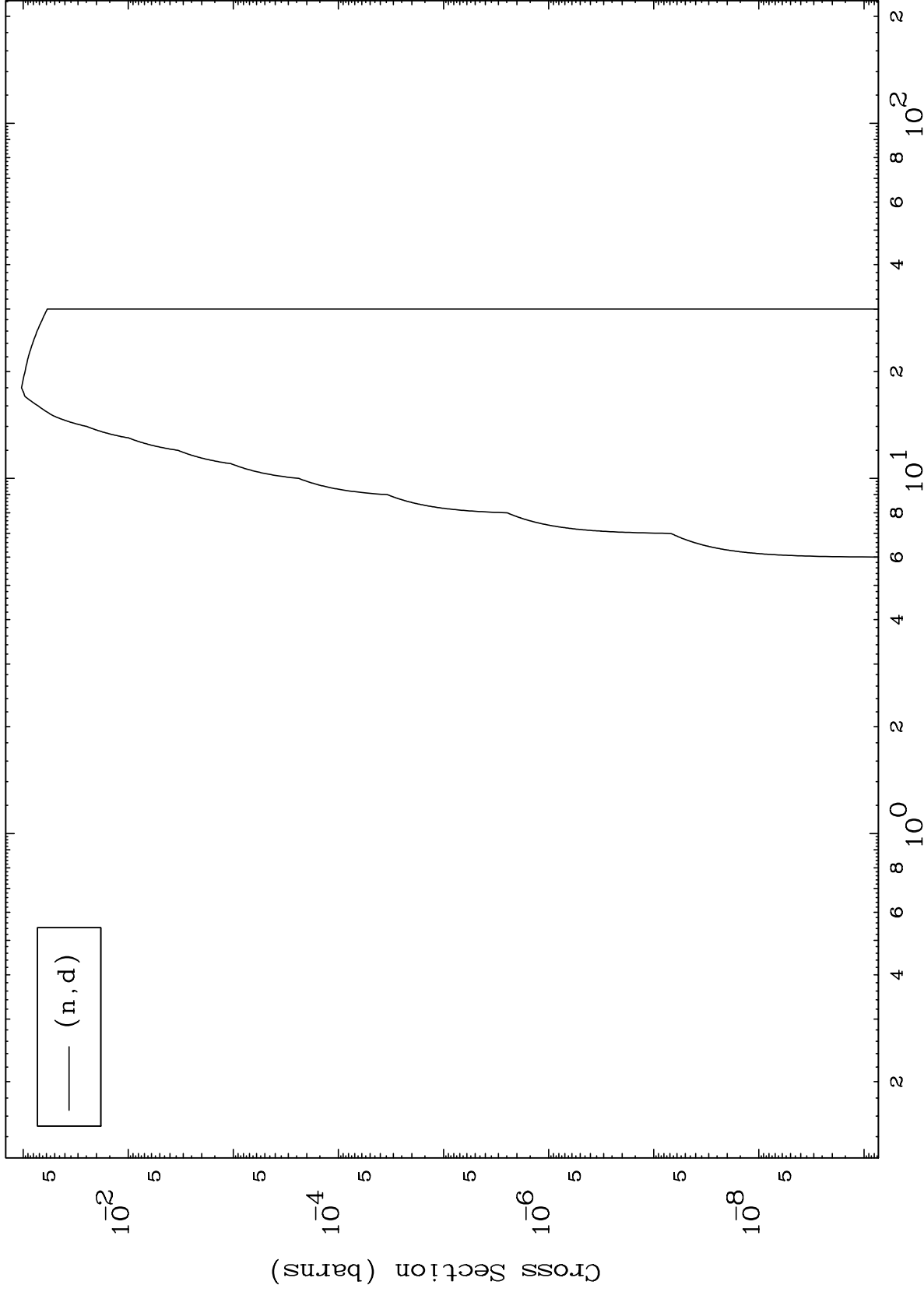




MAT 8028

80-Hg-197

(d,d) Levels  
0 Kelvin Cross Sections



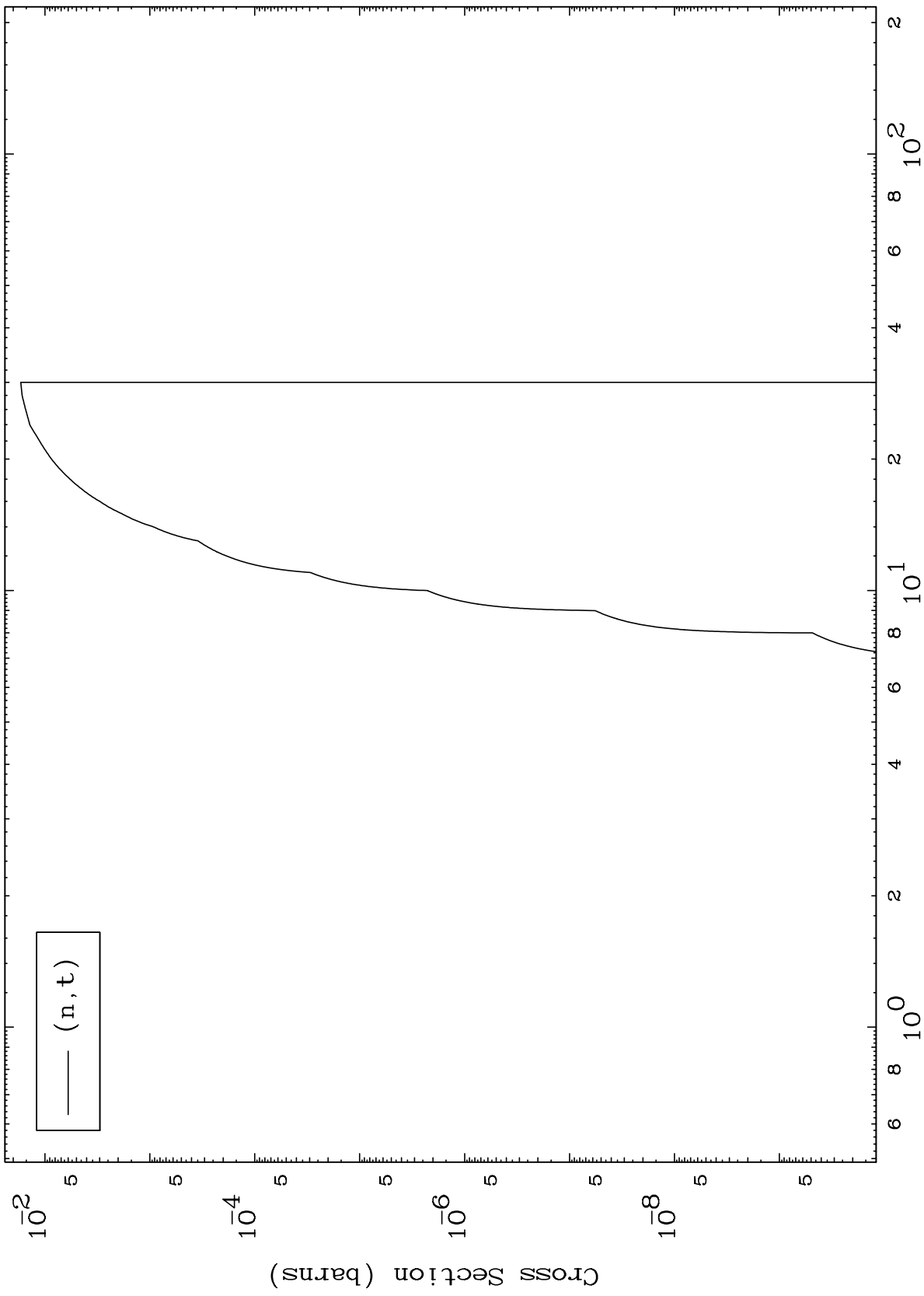
8

80-Hg-197

MAT 8028

80-Hg-197

(d, t) Levels  
0 Kelvin Cross Sections



9

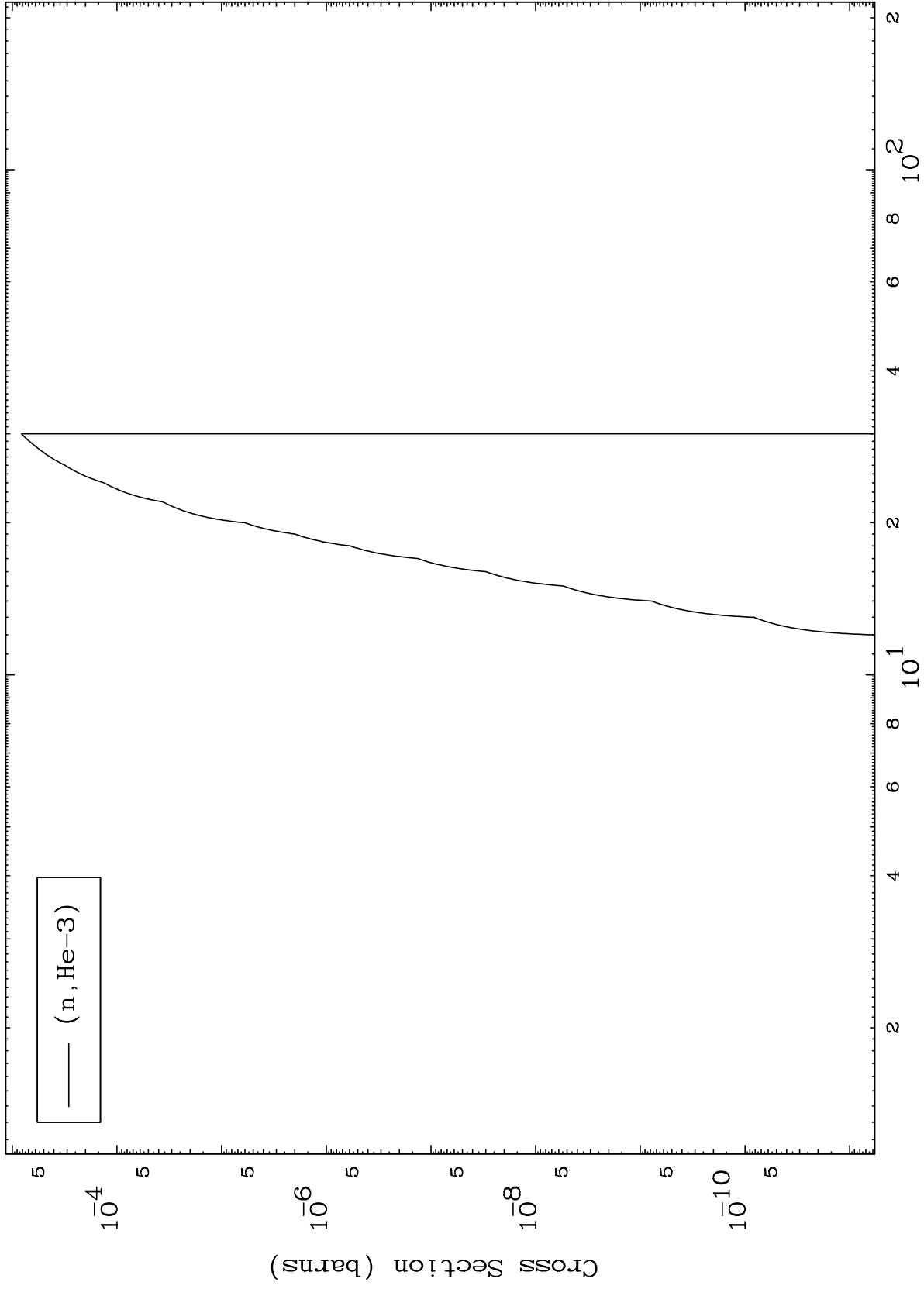
Incident Energy (MeV)

80-Hg-197

MAT 8028

(d,He3) Levels  
0 Kelvin Cross Sections

80-Hg-197



10

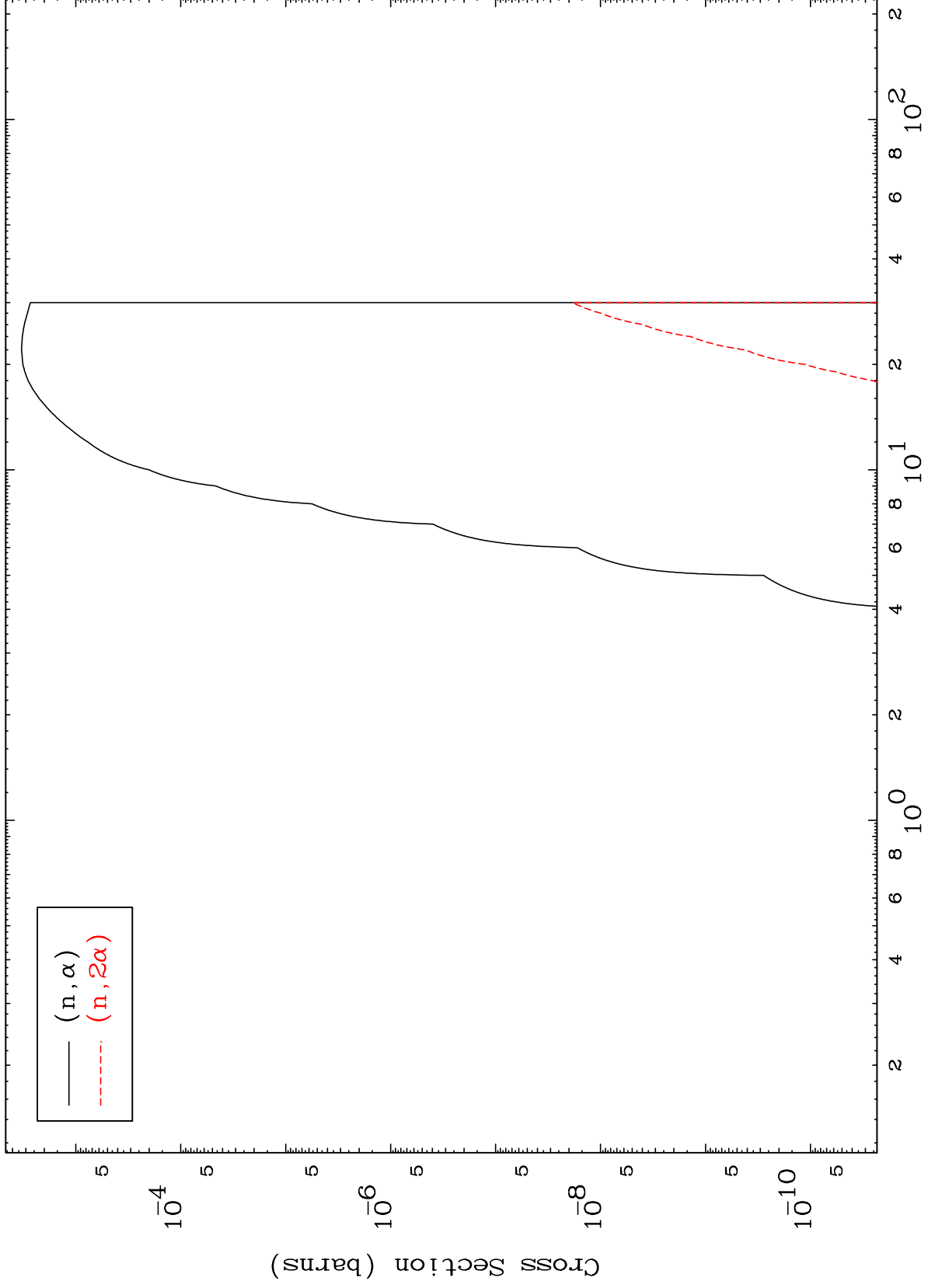
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



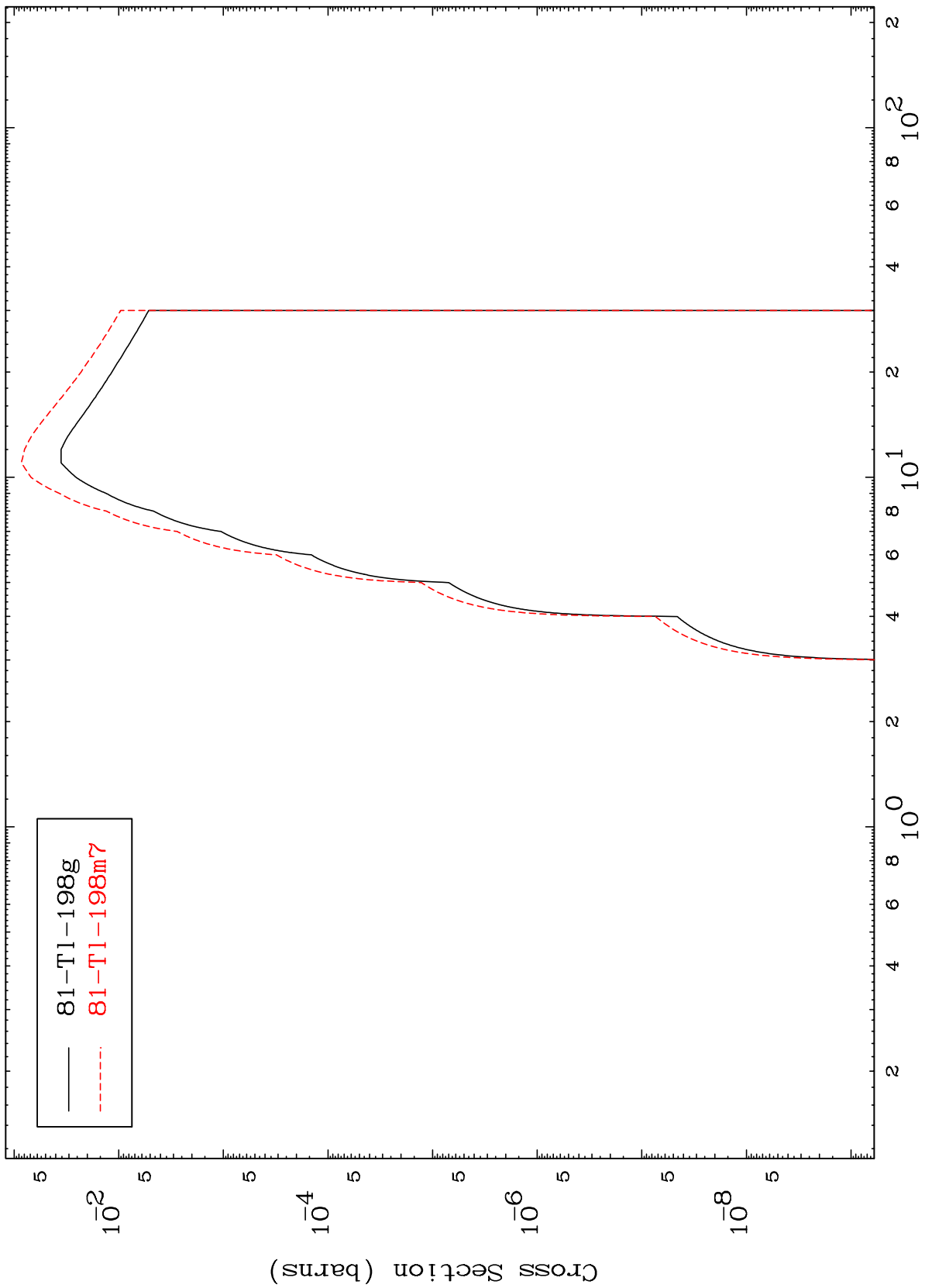
80-Hg-197

Incident Energy (MeV)

MAT 8028

80-Hg-197

Inelastic  
Radionuclide Production Cross Section



81-Tl-198g  
81-Tl-198m7

80-Hg-197

Incident Energy (MeV)

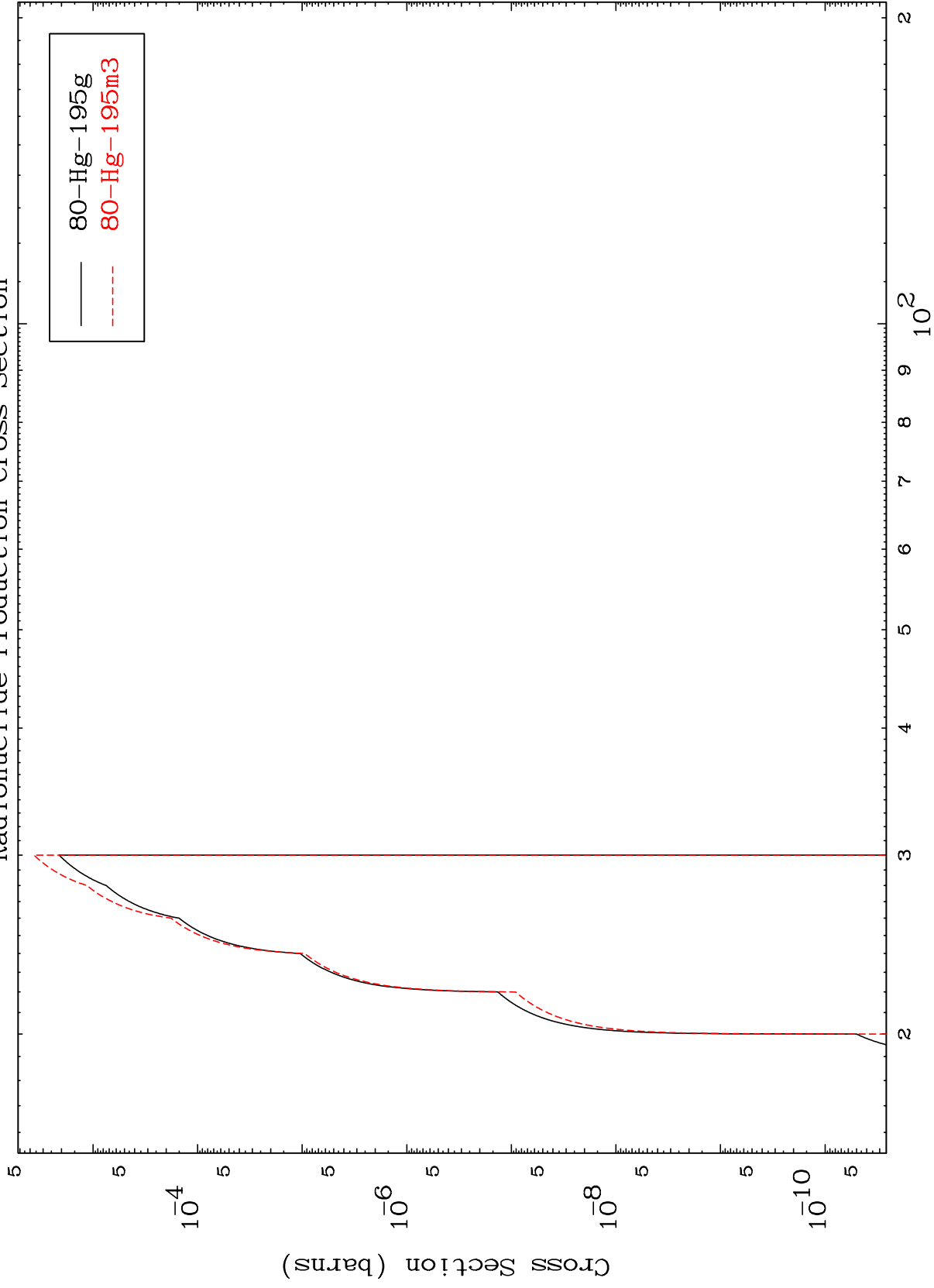
12

MAT 8028

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



13

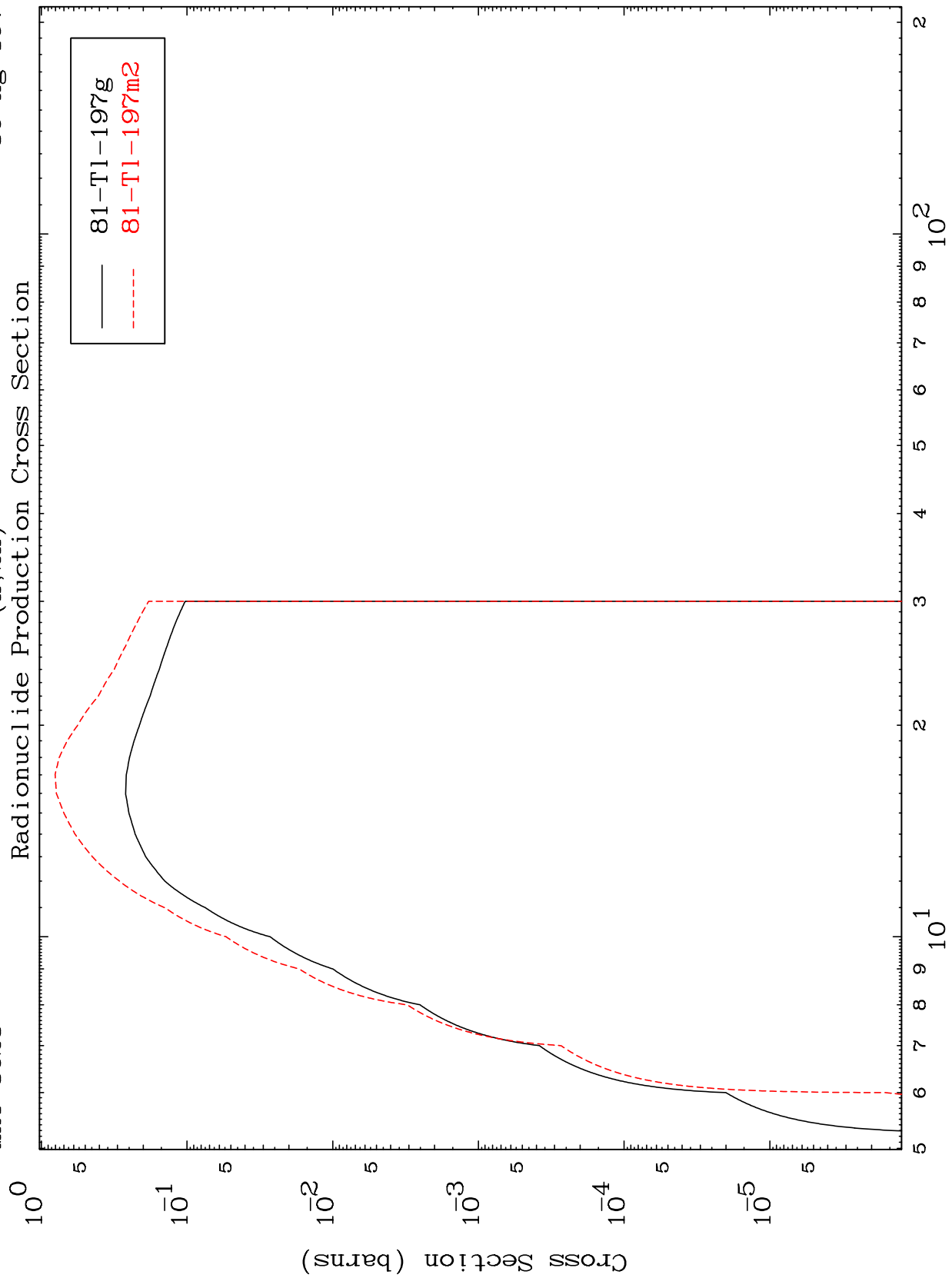
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,2n)  
Radionuclide Production Cross Section



81-Tl-197g  
81-Tl-197m2

80-Hg-197

Incident Energy (MeV)

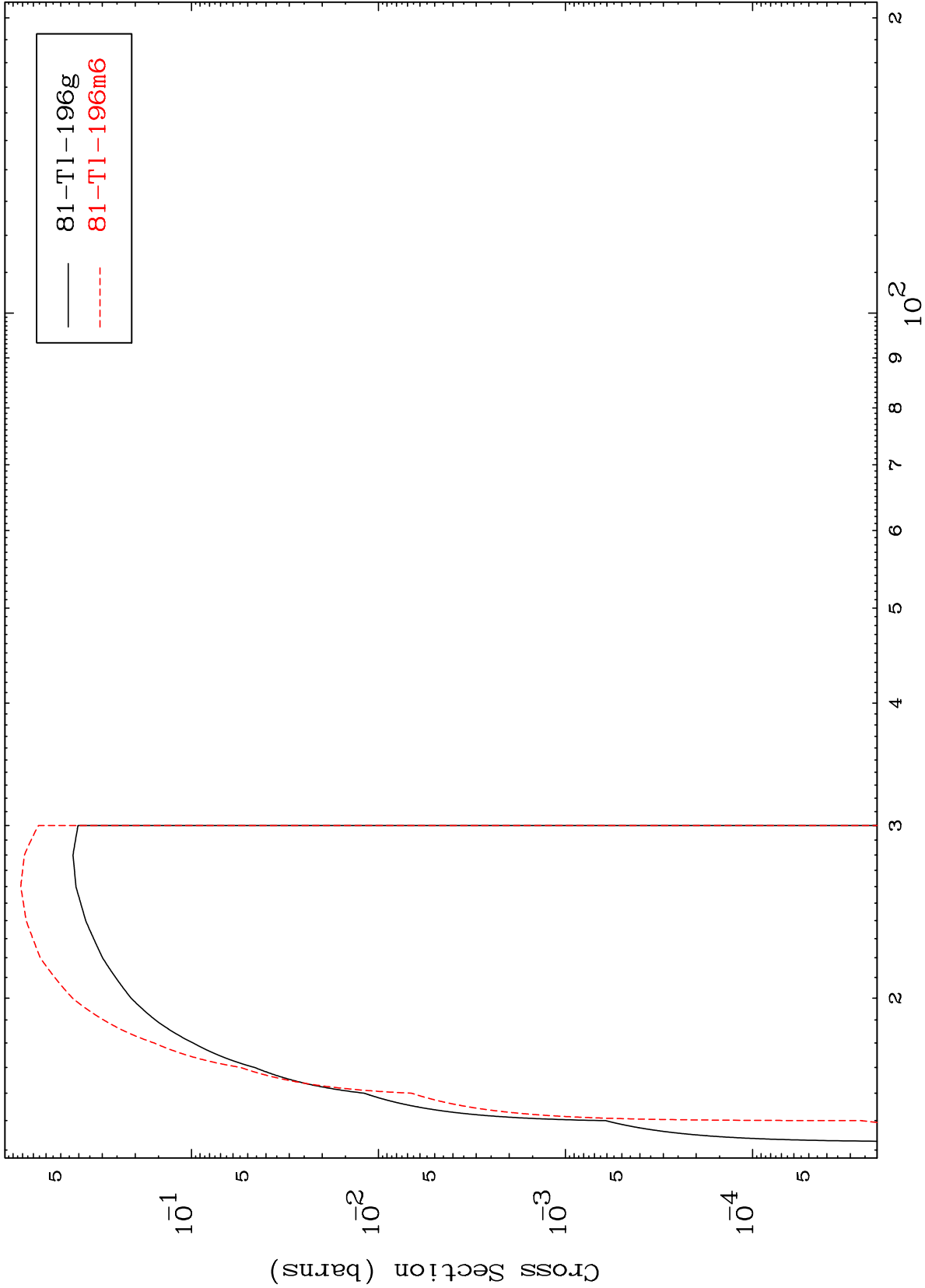
14

MAT 8028

(n,3n)

80-Hg-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

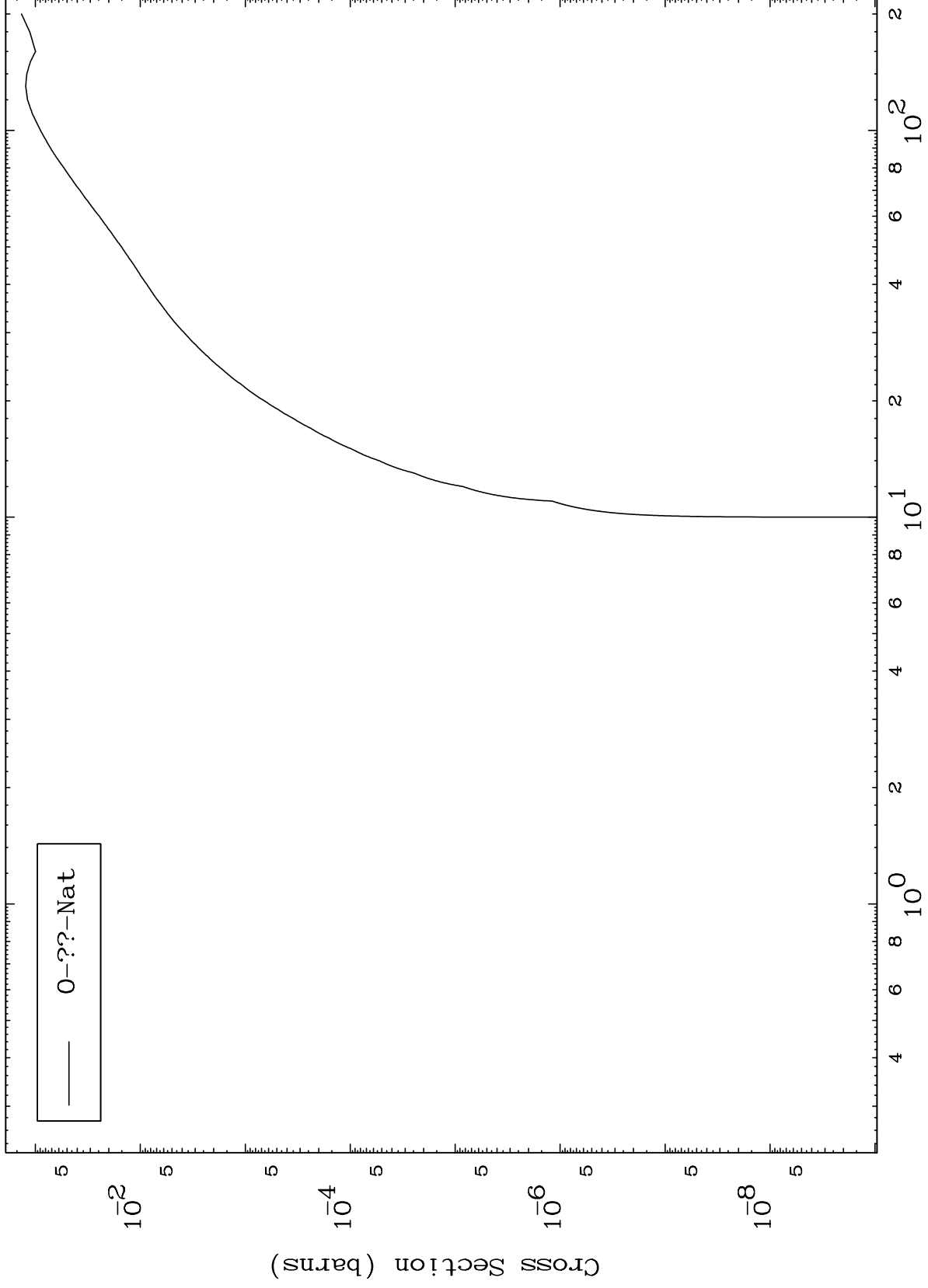
80-Hg-197



MAT 8028

Fission  
Radionuclide Production Cross Section

80-Hg-197



16

Incident Energy (MeV)

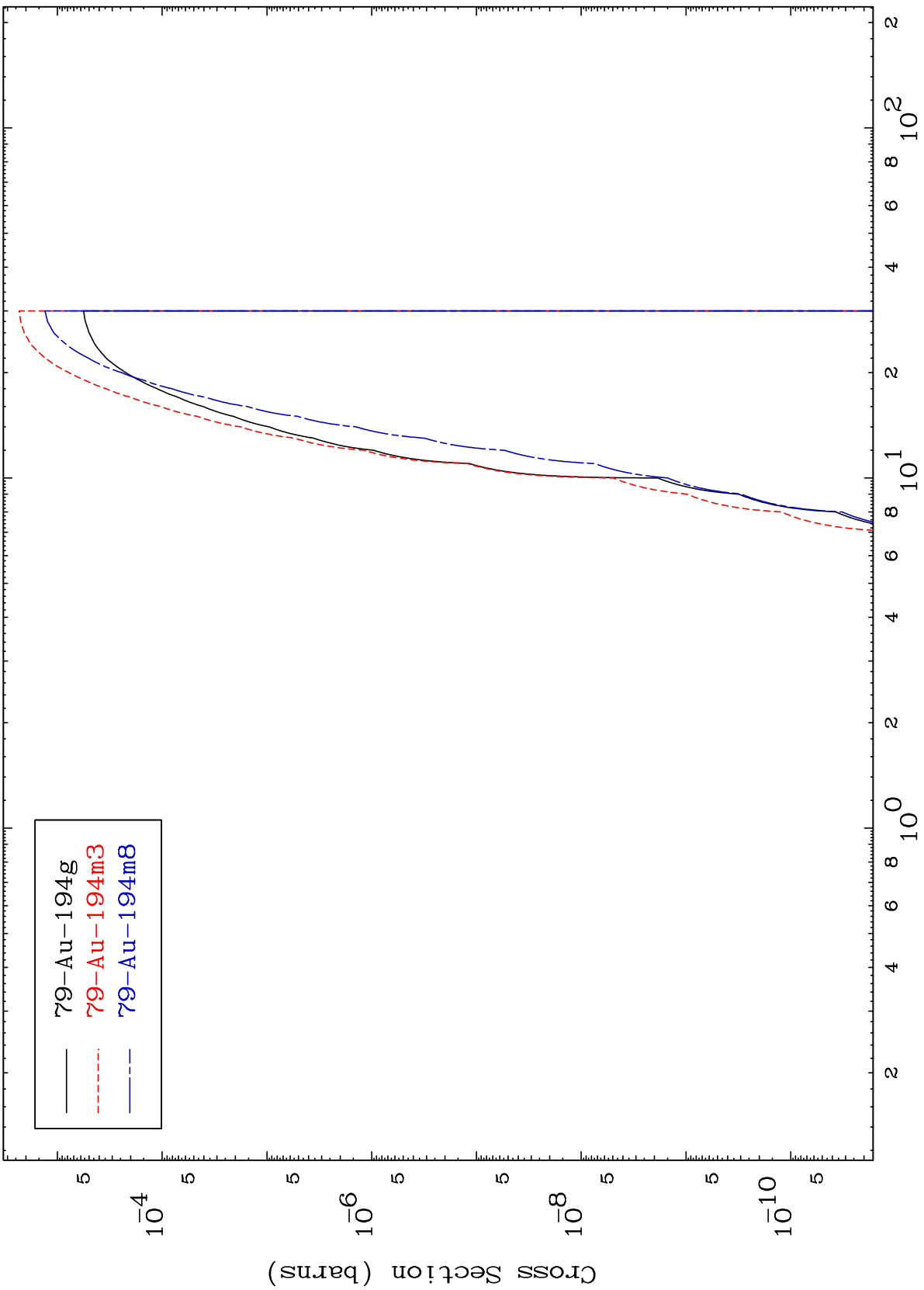
80-Hg-197

MAT 8028

$(n, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section

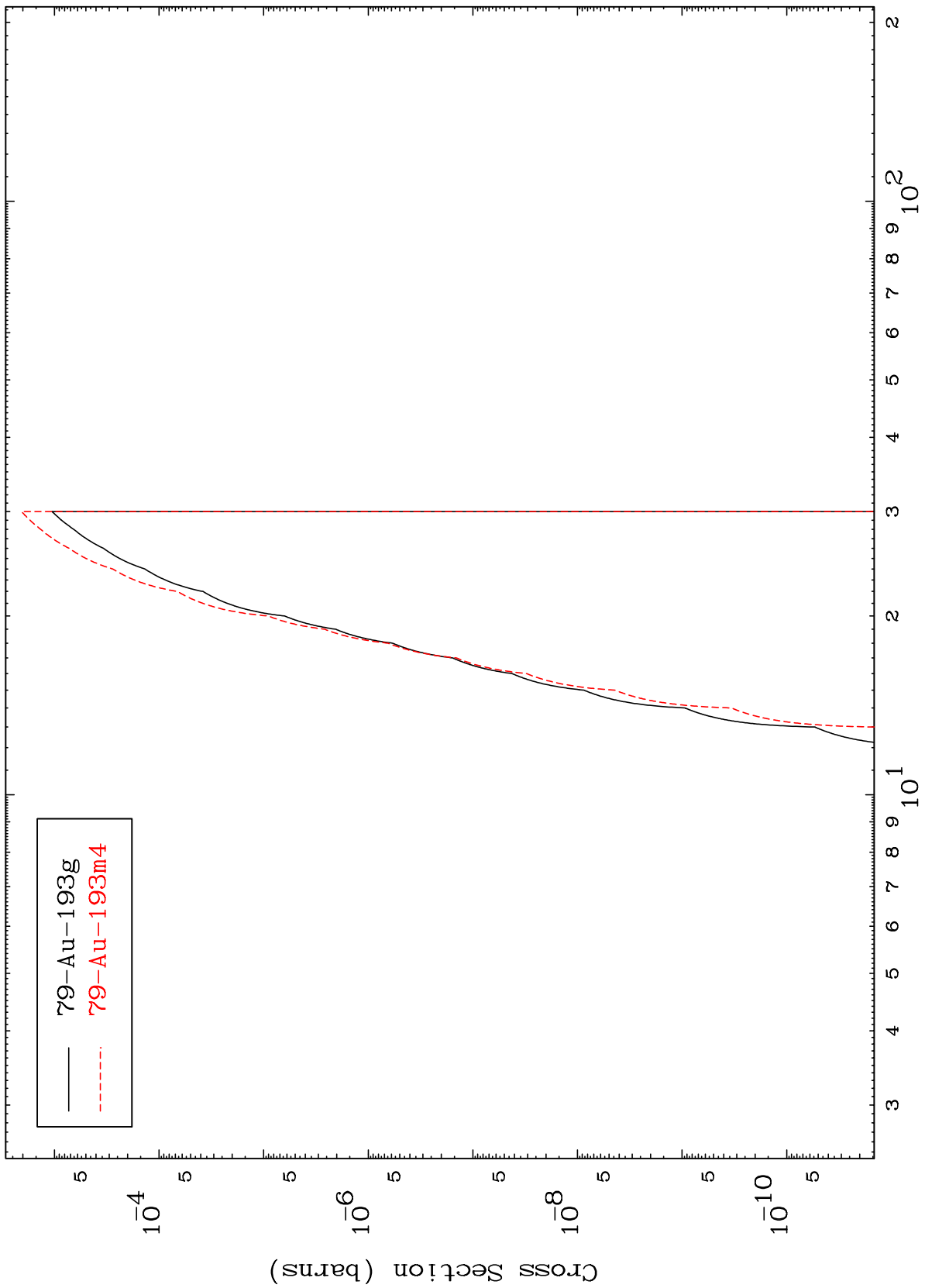


MAT 8028

(n,2n)  $\alpha$

80-Hg-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

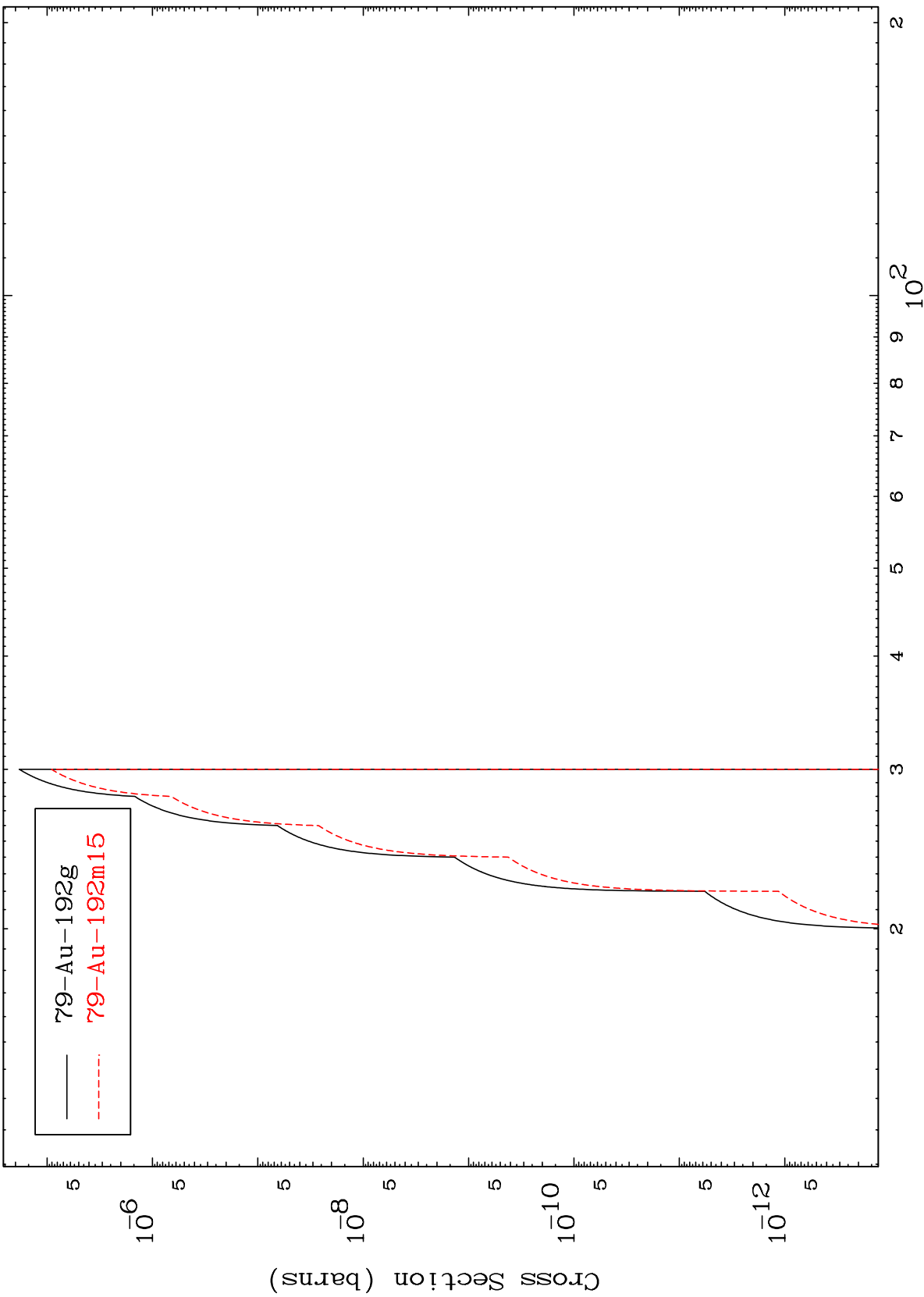
80-Hg-197

MAT 8028

(n,3n)  $\alpha$

80-Hg-197

Radionuclide Production Cross Section



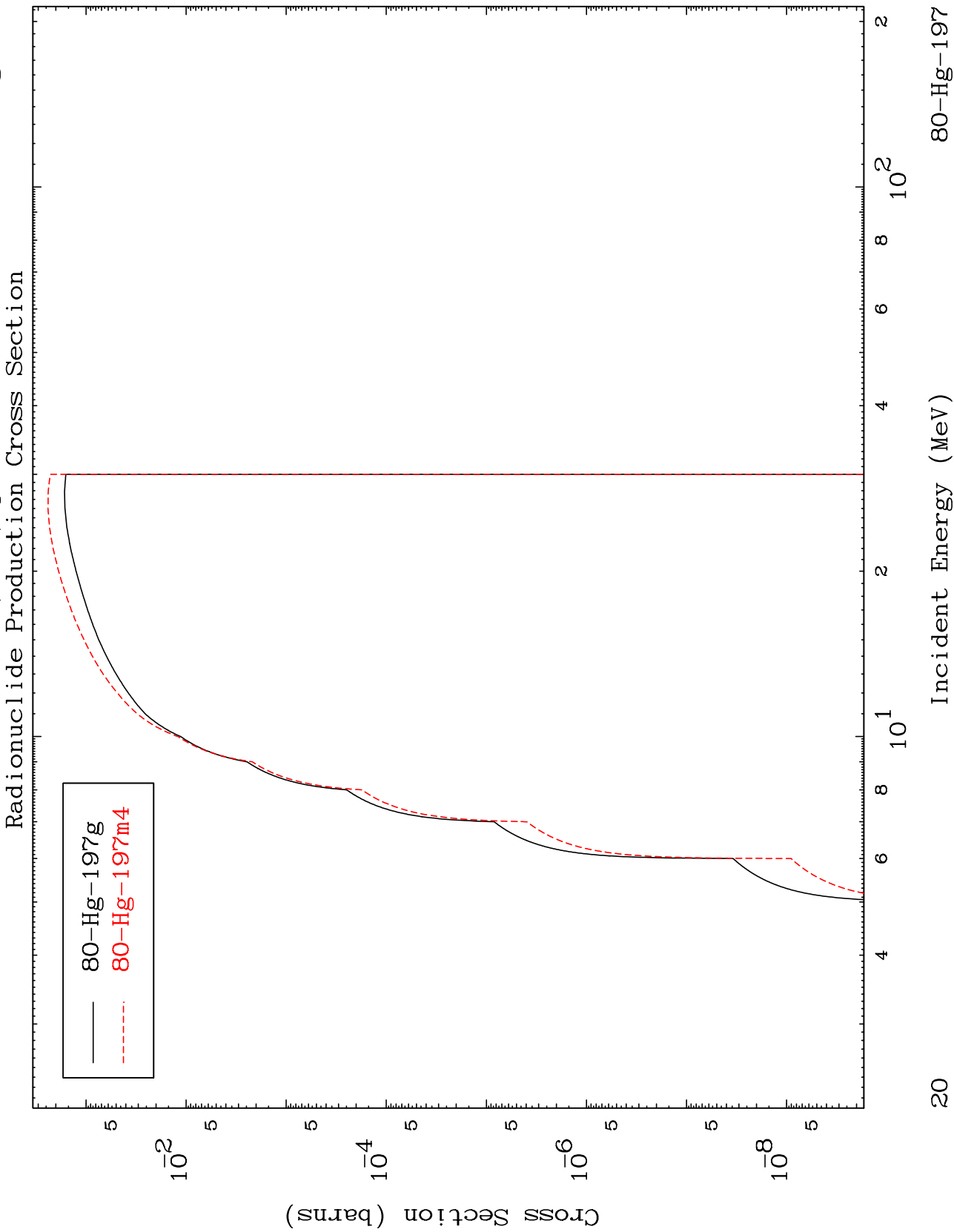
19

Incident Energy (MeV)

80-Hg-197

MAT 8028

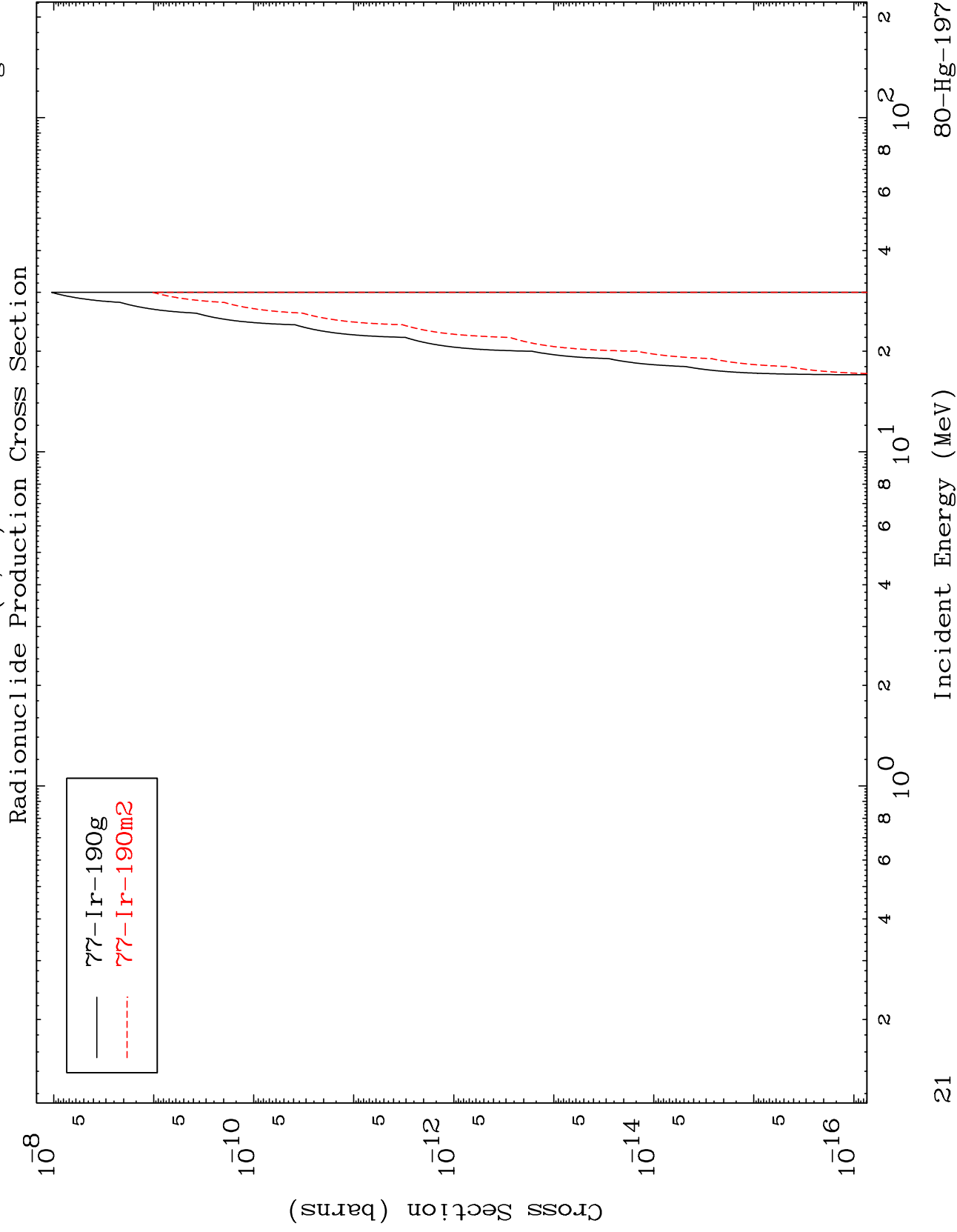
80-Hg-197



MAT 8028

(n,n') 2α

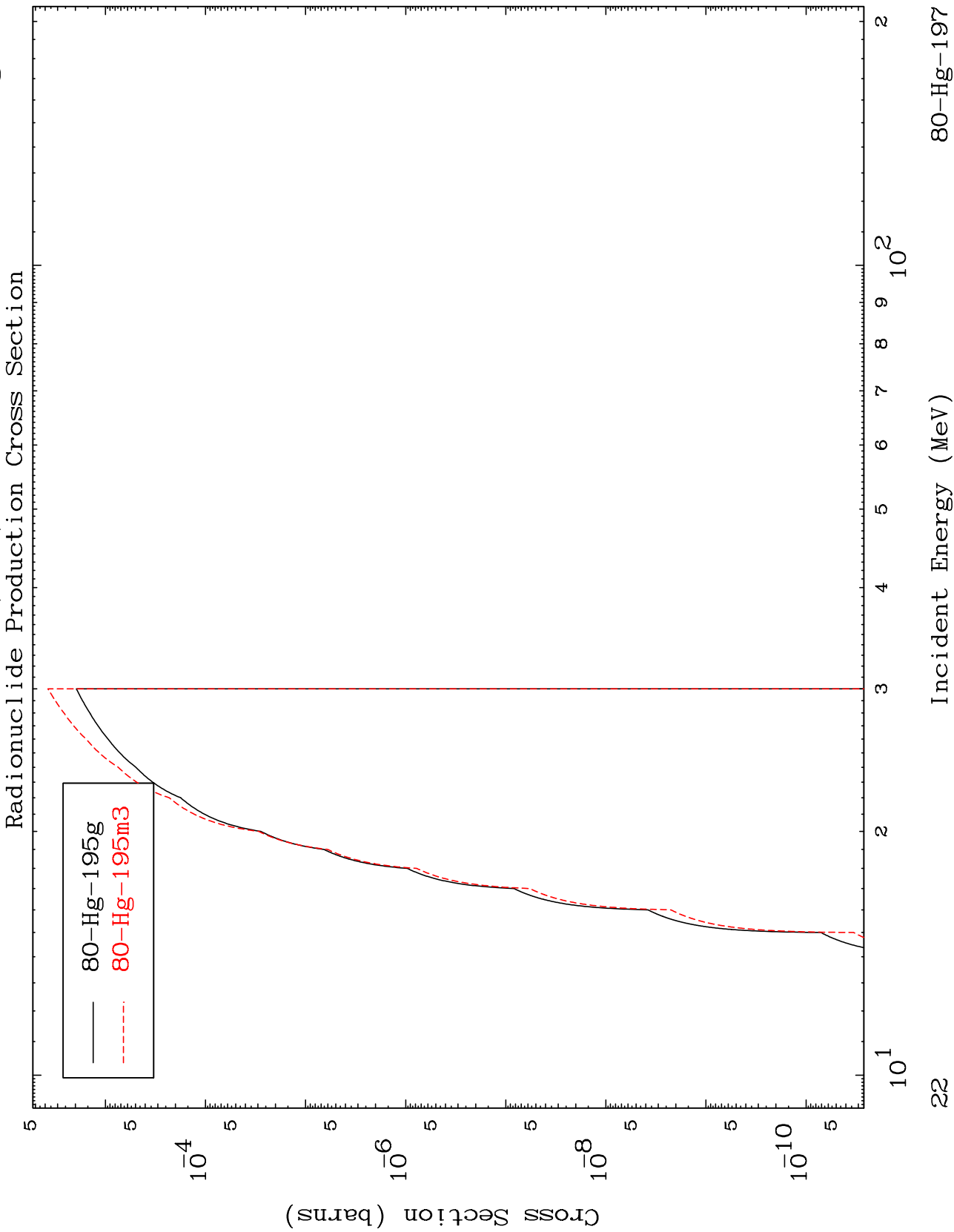
80-Hg-197



MAT 8028

(n,n') t

80-Hg-197



22

Incident Energy (MeV)

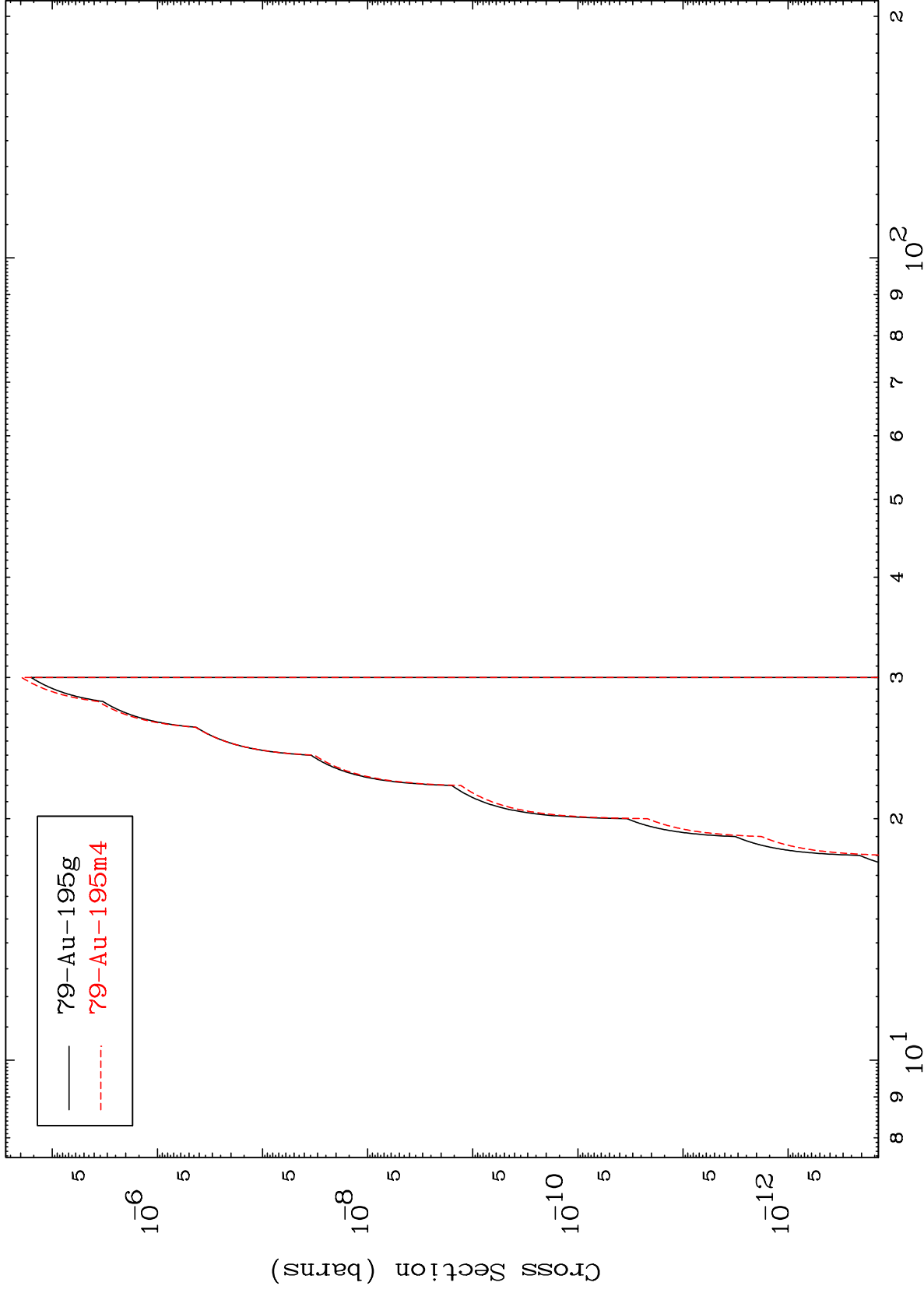
80-Hg-197

MAT 8028

(n,n') He-3

80-Hg-197

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

23

Incident Energy (MeV)

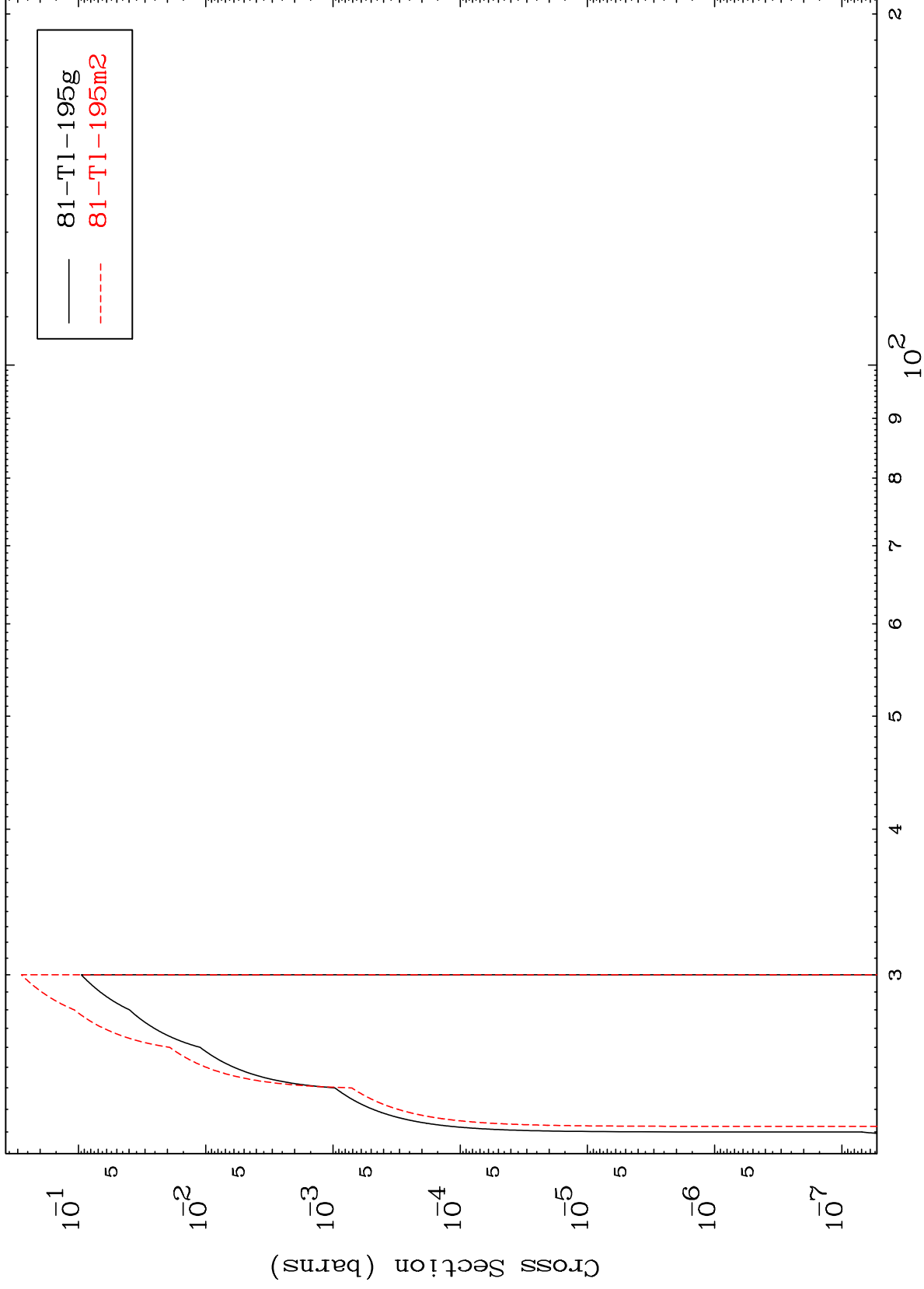
80-Hg-197



MAT 8028

80-Hg-197

(n,4n)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

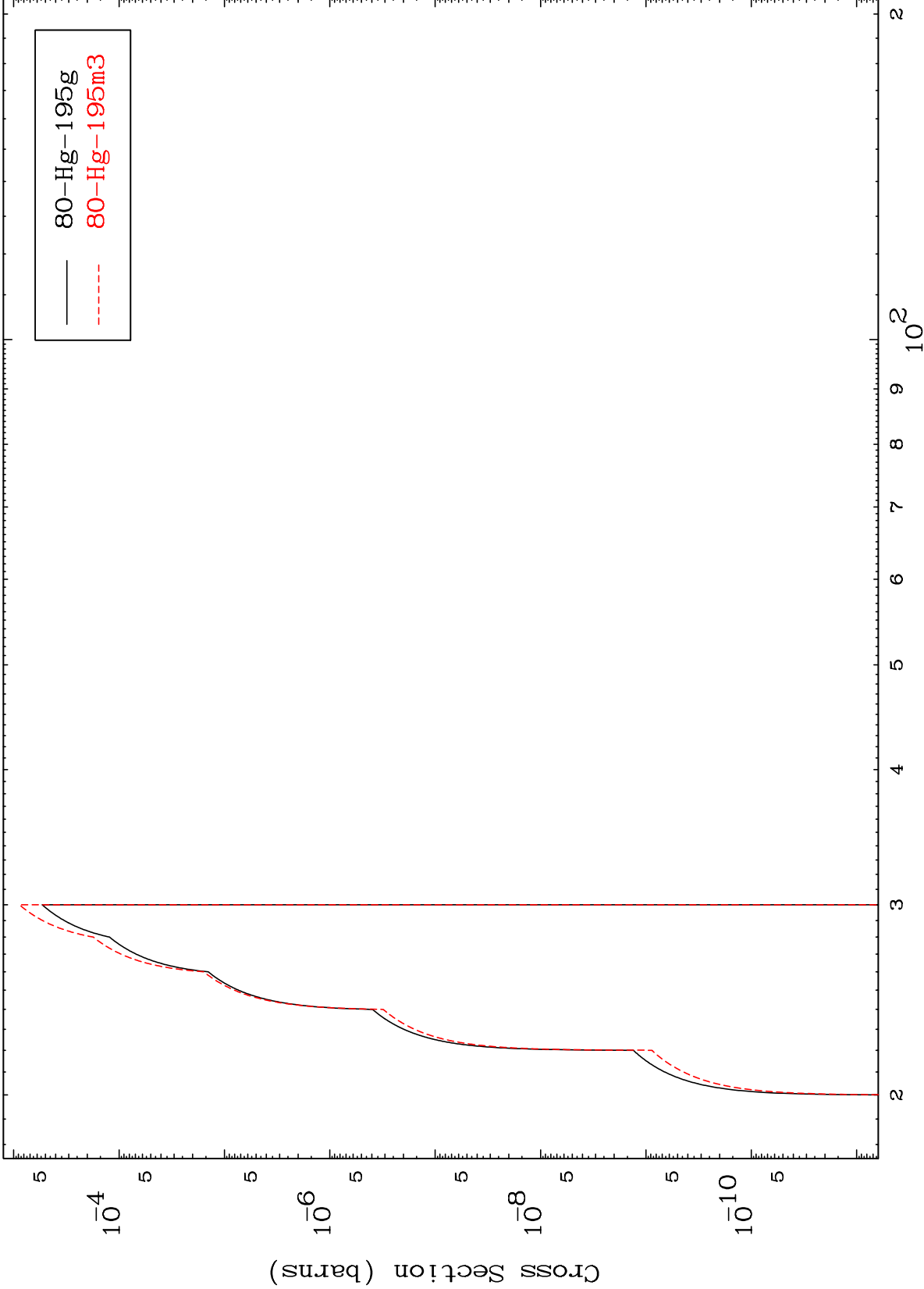
80-Hg-197

MAT 8028

(n,3n) p

80-Hg-197

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

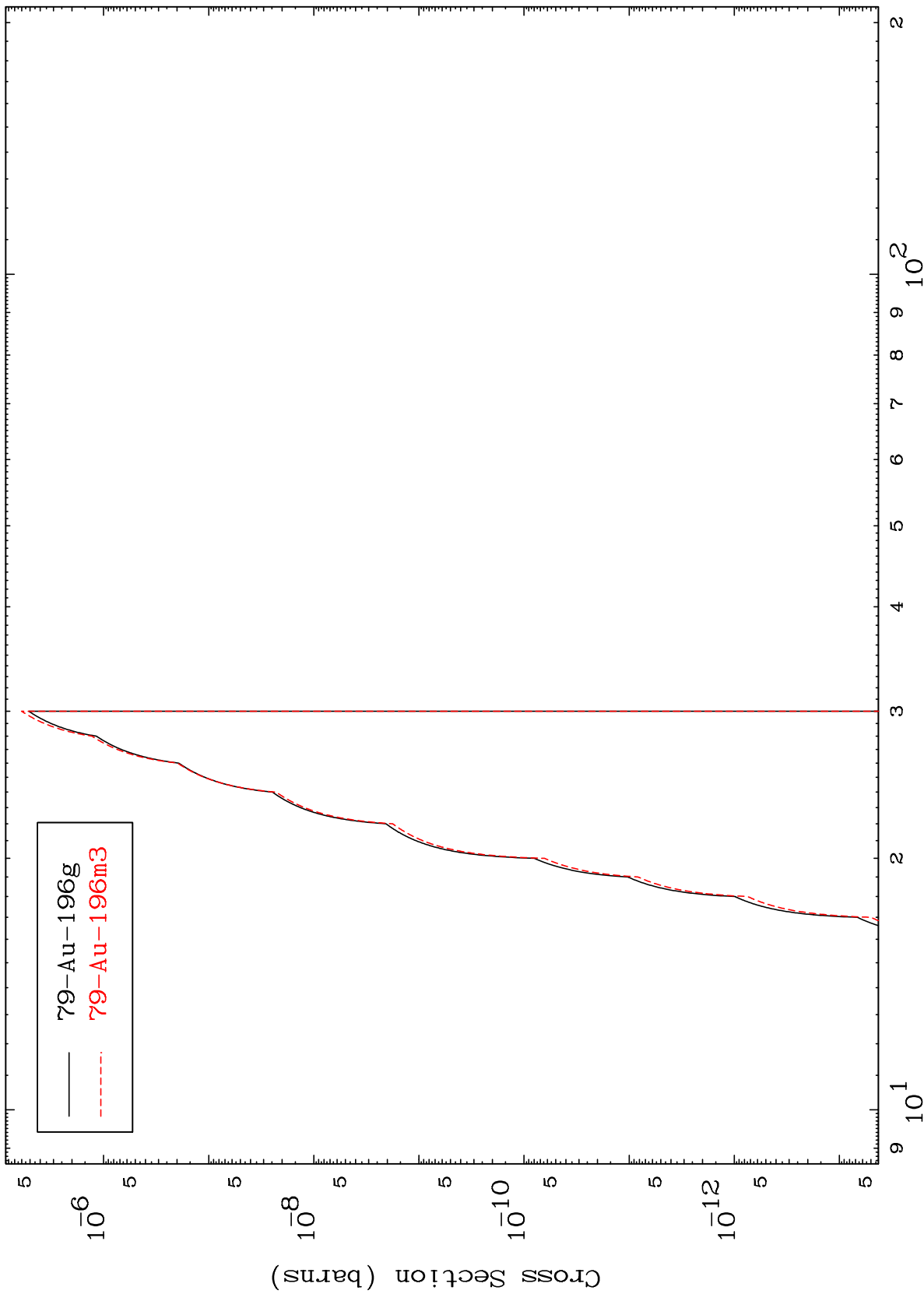
80-Hg-197

MAT 8028

(n,2n) p

80-Hg-197

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

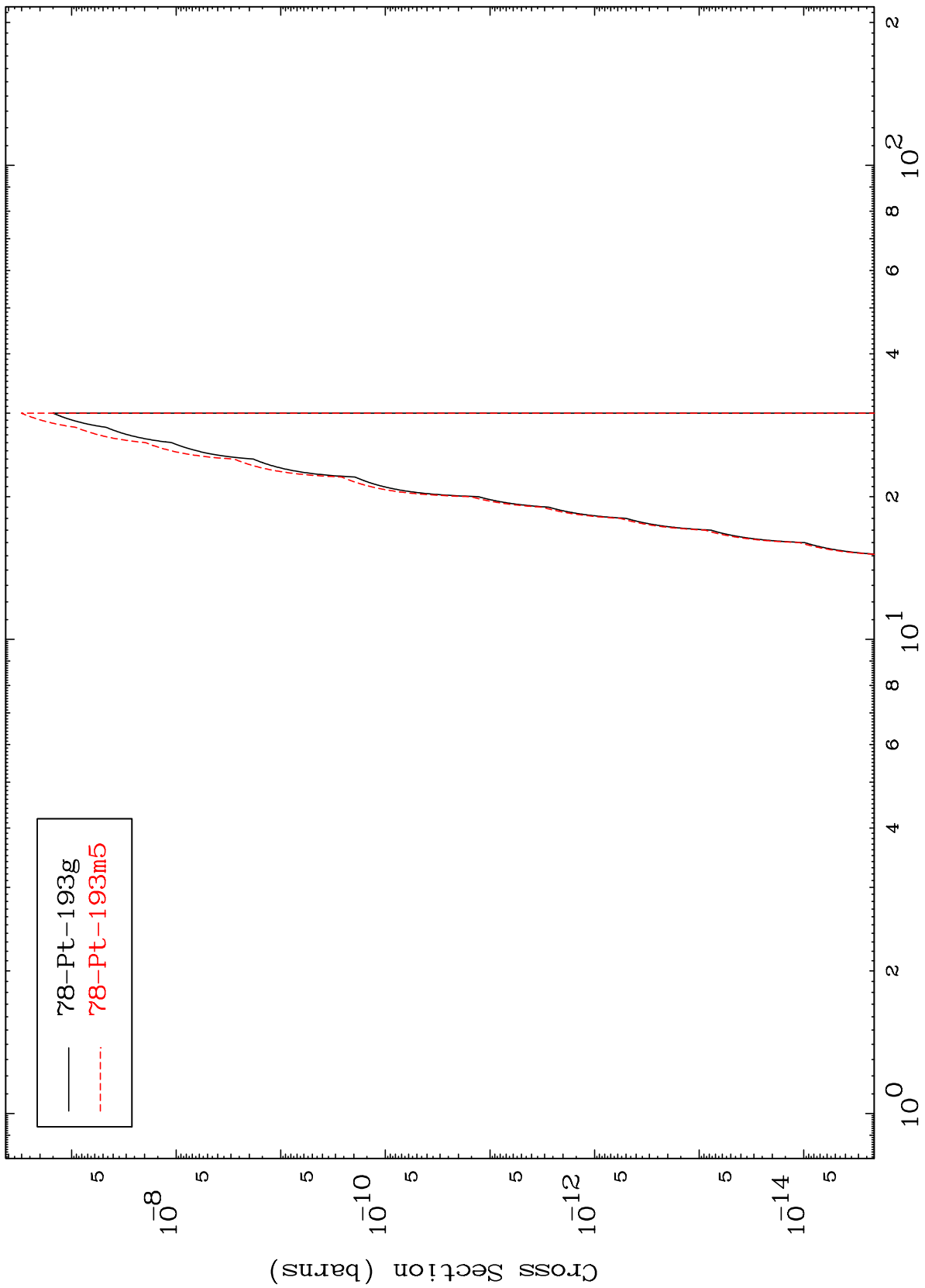
80-Hg-197

MAT 8028

(n,n') p  $\alpha$

80-Hg-197

Radionuclide Production Cross Section



27

Incident Energy (MeV)

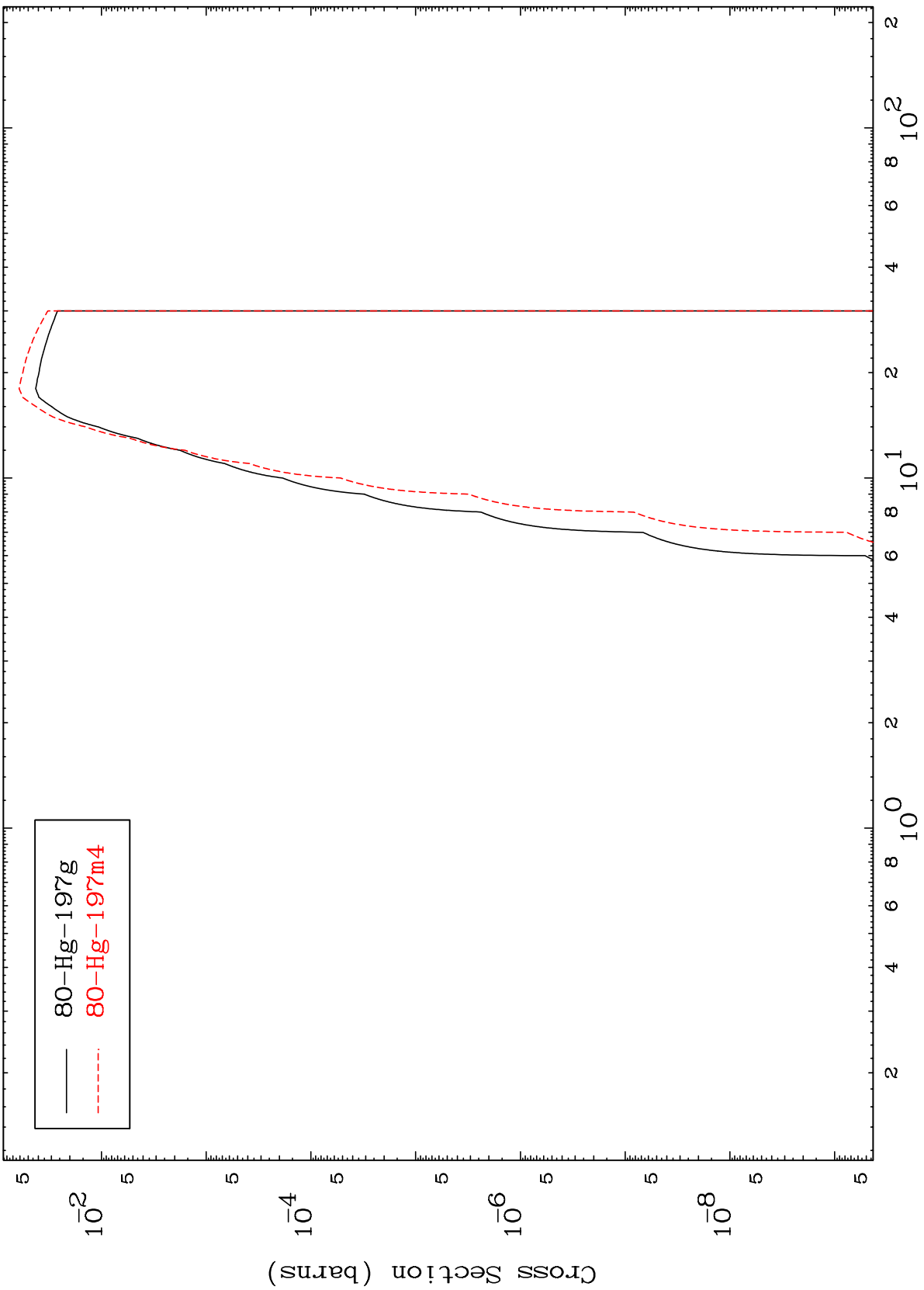
80-Hg-197

MAT 8028

(n, d)

80-Hg-197

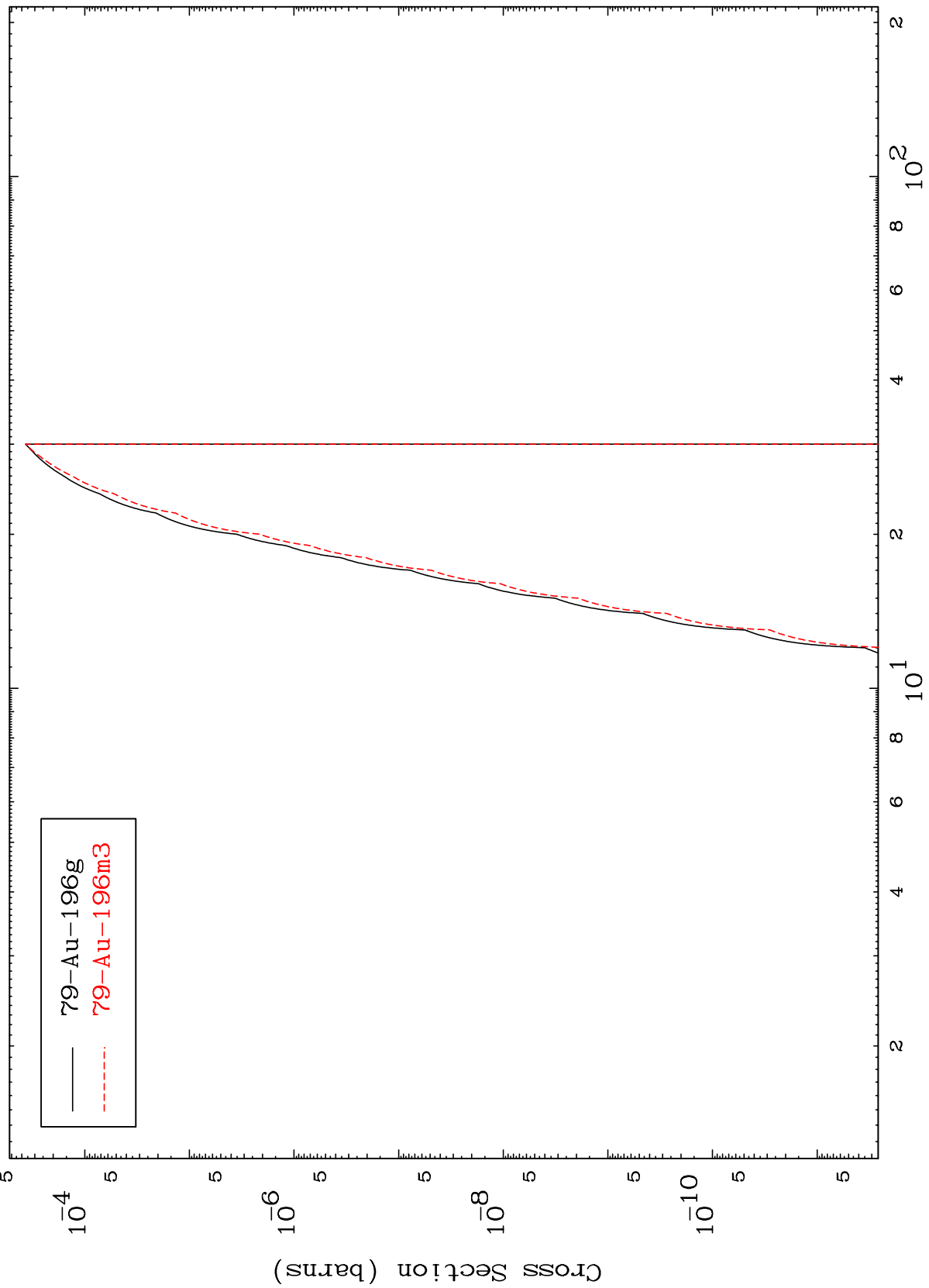
Radionuclide Production Cross Section



MAT 8028

80-Hg-197

(n,He-3)  
Radionuclide Production Cross Section



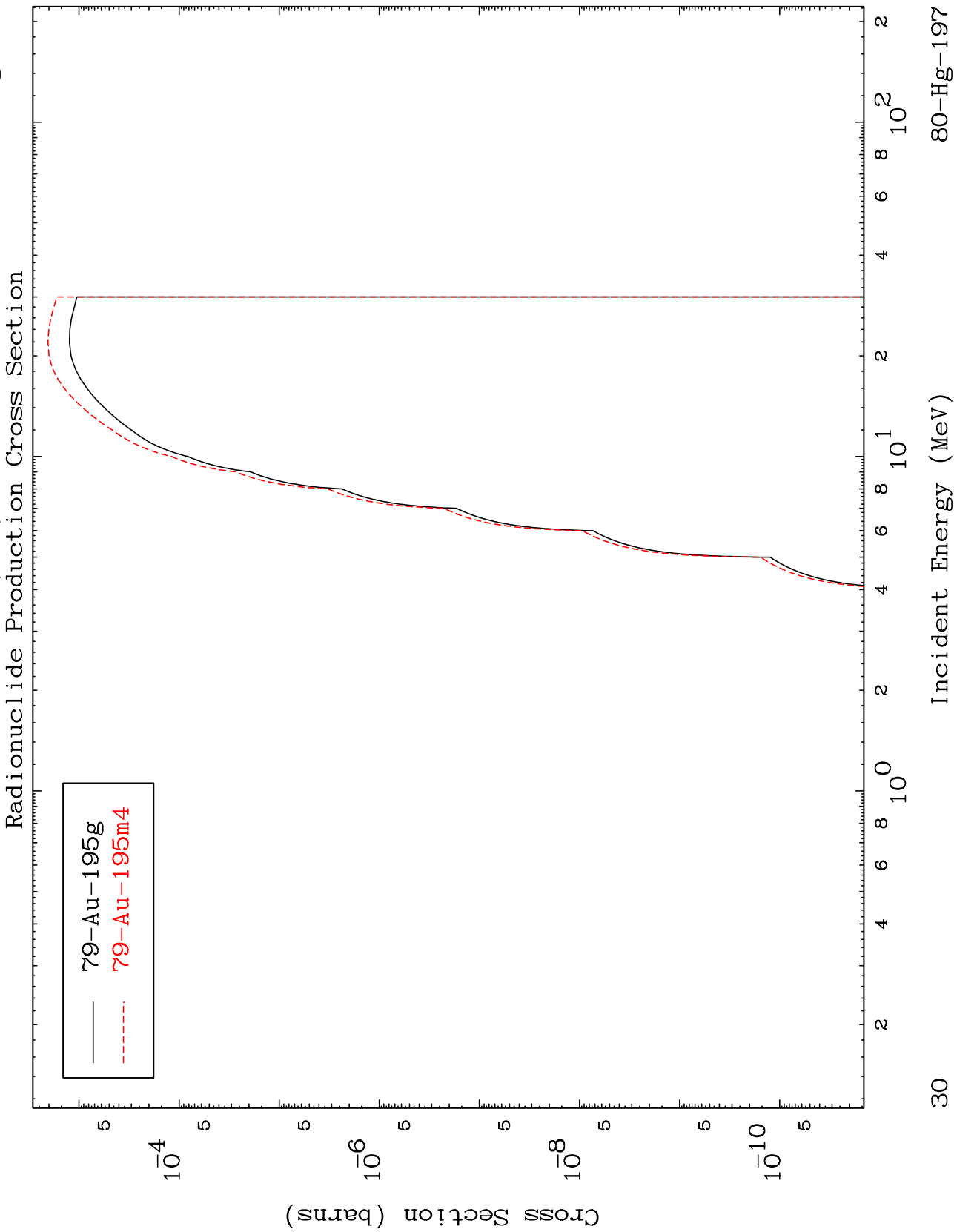
80-Hg-197

Incident Energy (MeV)

29

MAT 8028

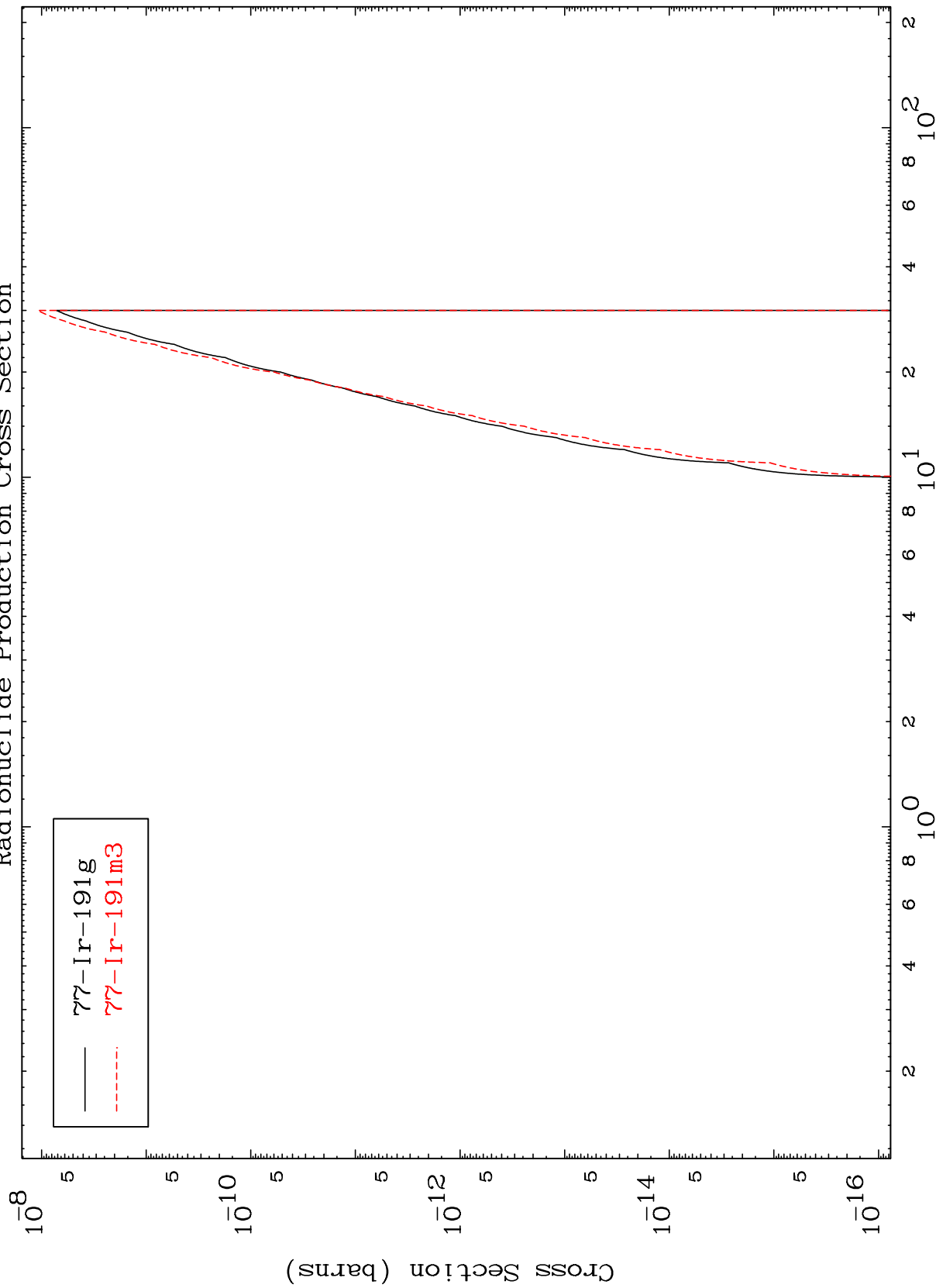
80-Hg-197



MAT 8028

80-Hg-197

Radionuclide Production Cross Section



80-Hg-197

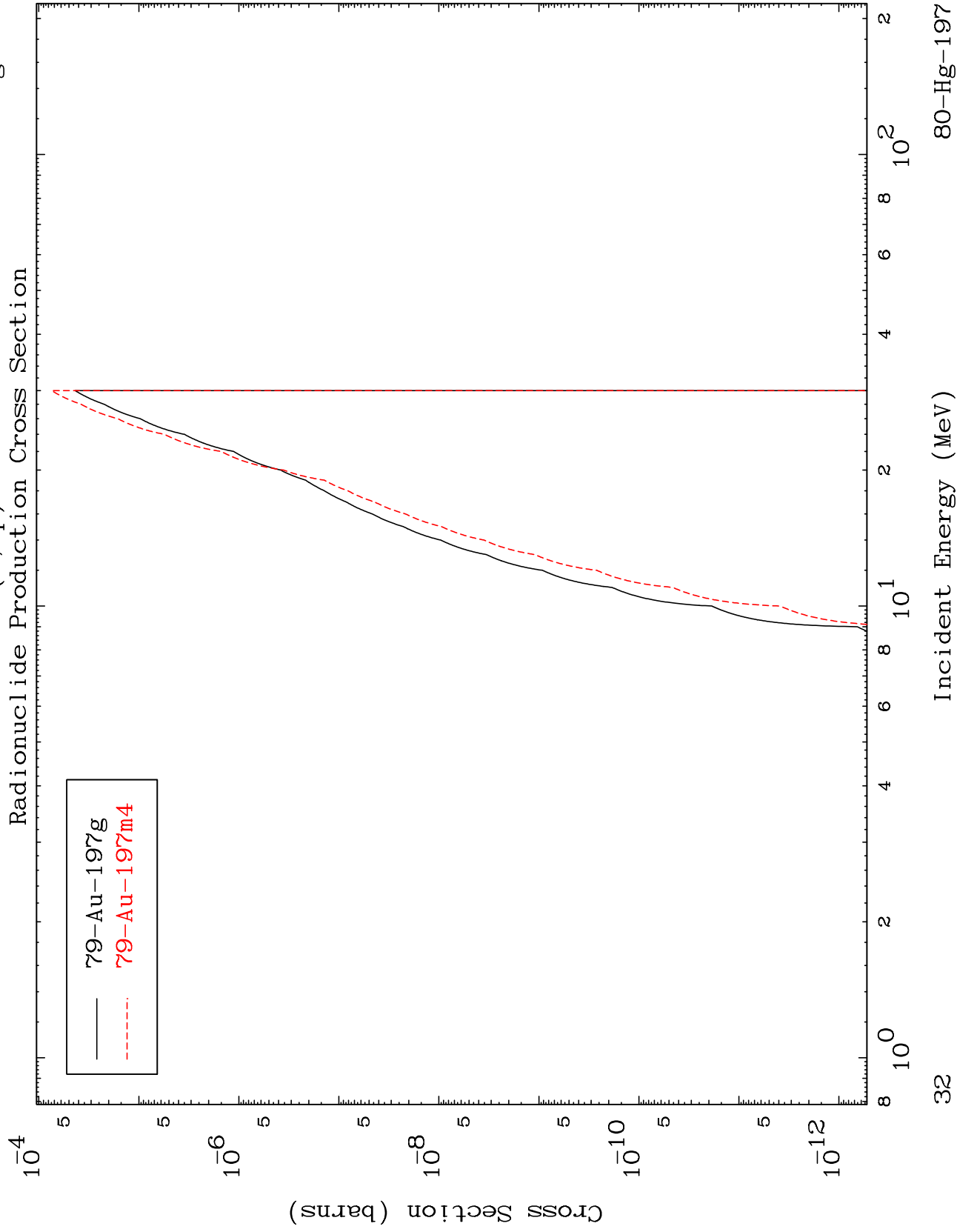
Incident Energy (MeV)



MAT 8028

(n,2p)

80-Hg-197

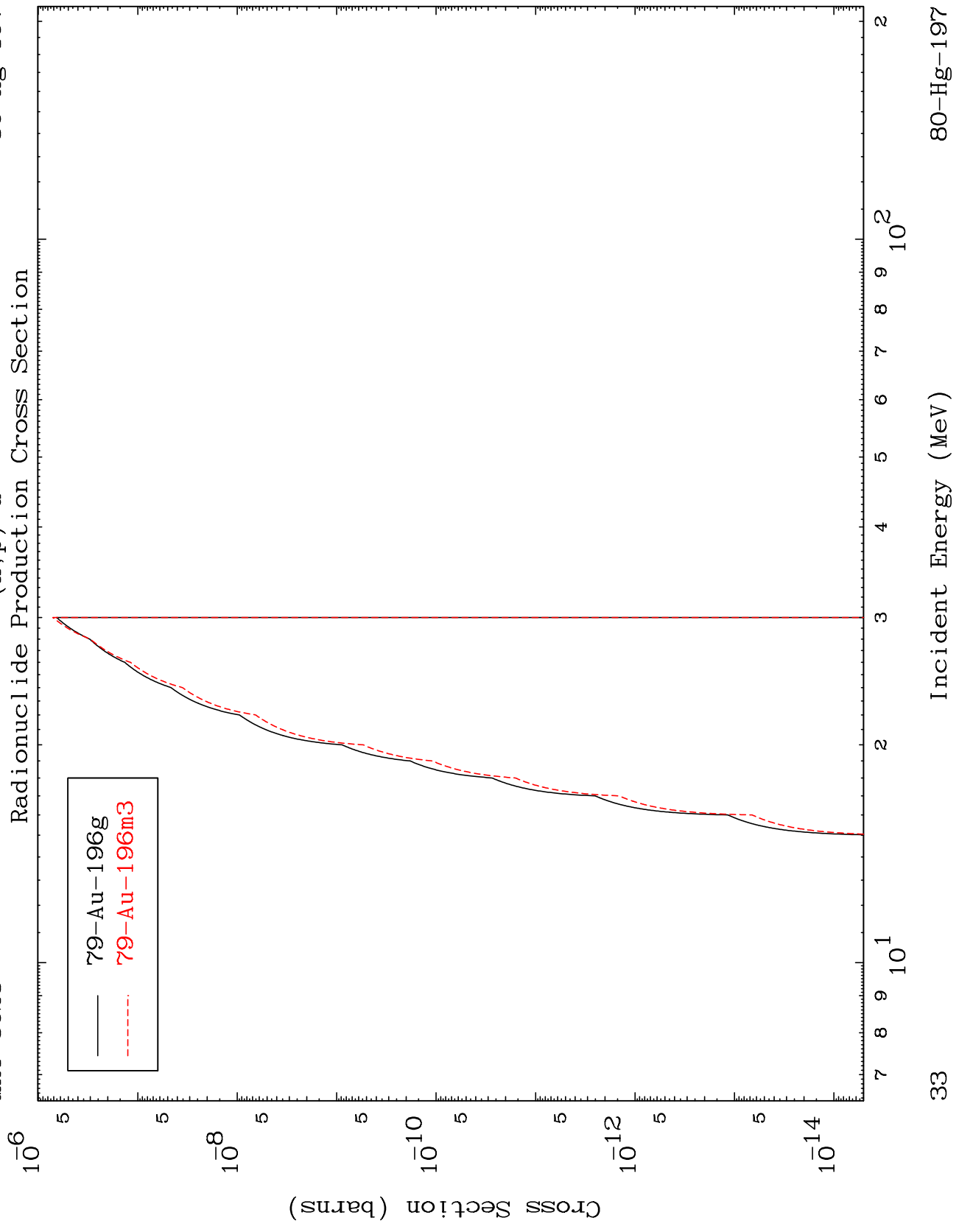


32

MAT 8028

(n,p) d

80-Hg-197

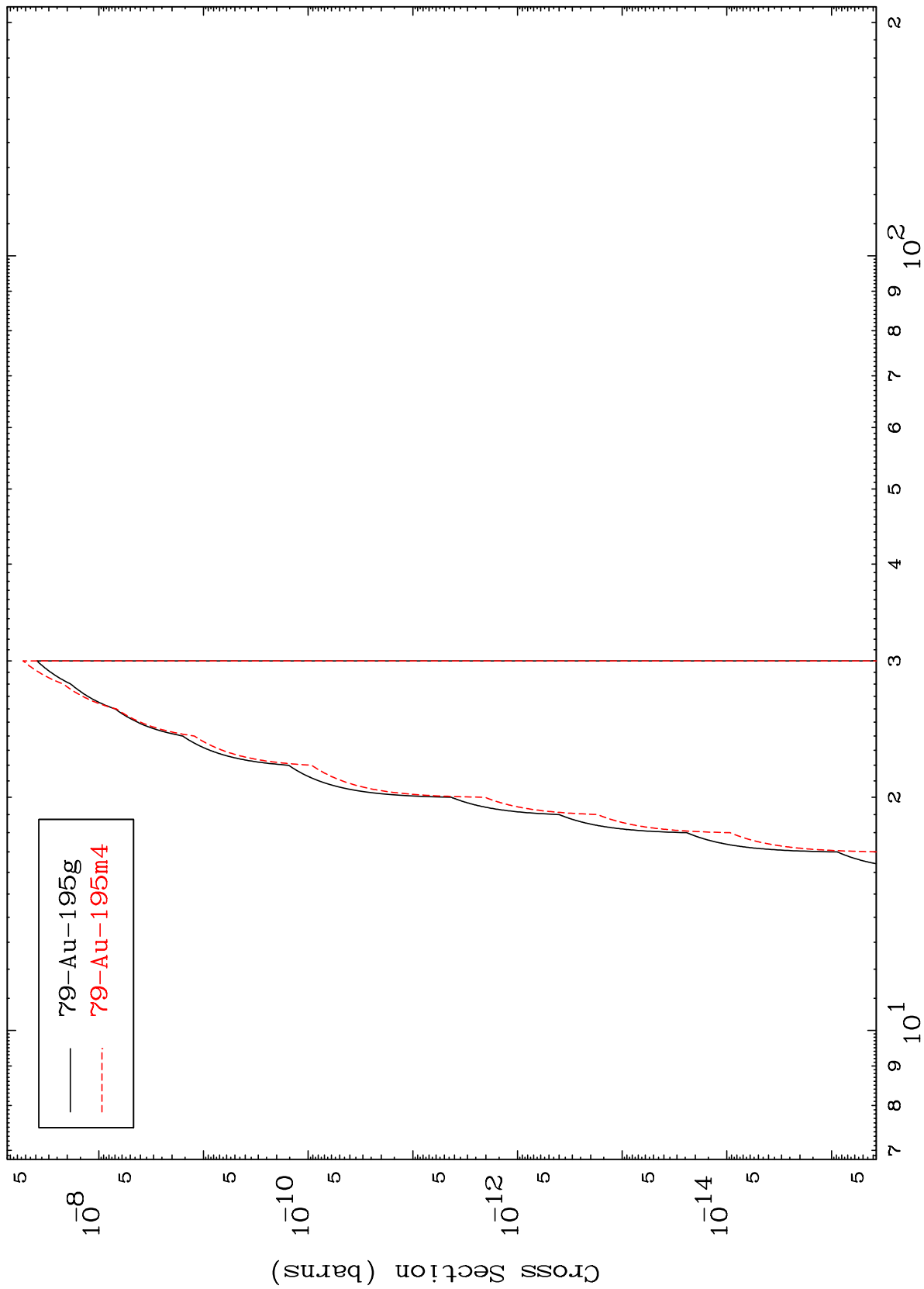


MAT 8028

(n,p) t

80-Hg-197

Radionuclide Production Cross Section



34

Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,d)  $\alpha$

80-Hg-197

