

Program EVALPLOT
(Version 2021-1)

by

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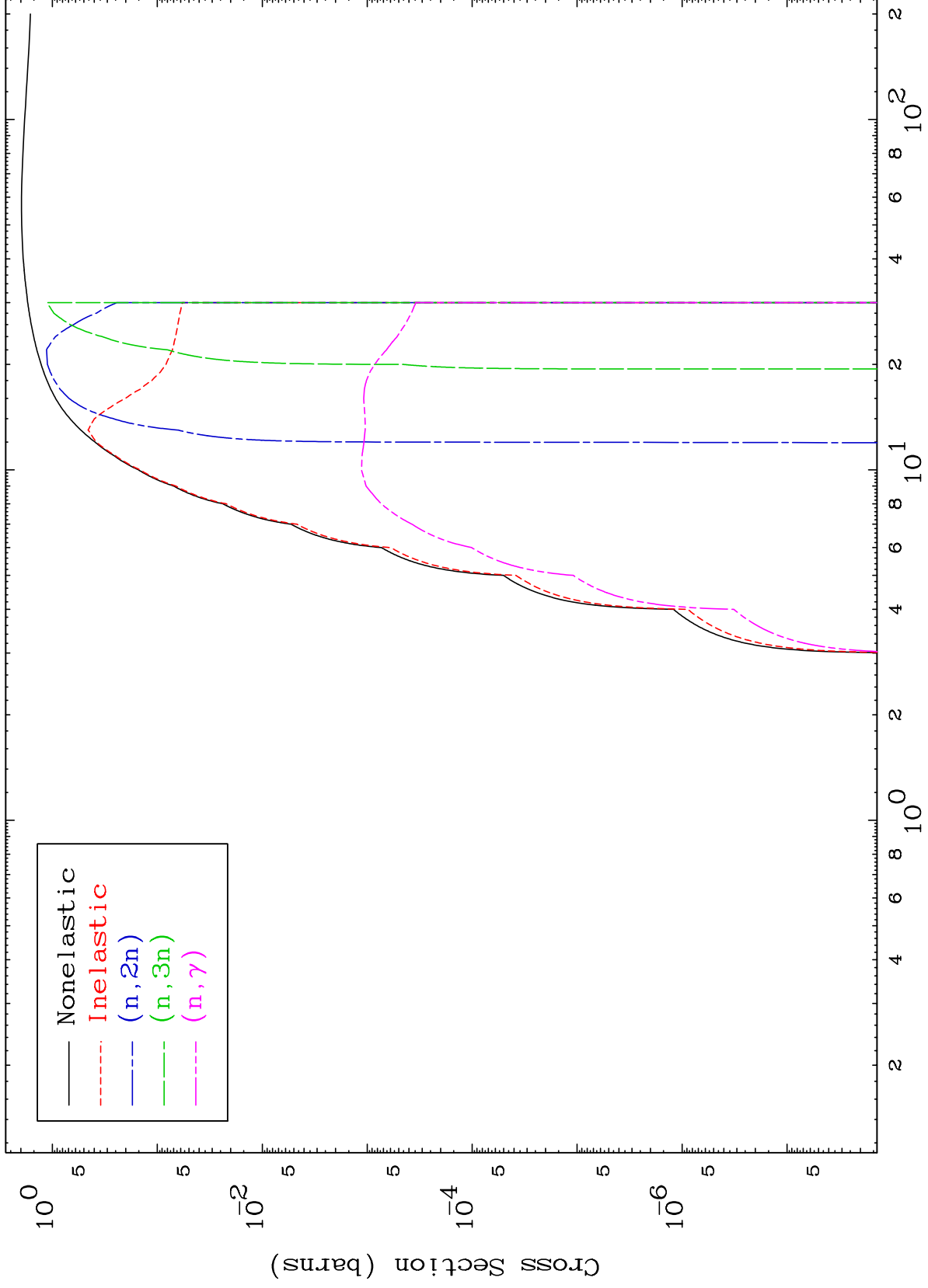
Press Mouse Button to Start

MAT 8028

Proton Major

80-Hg-197

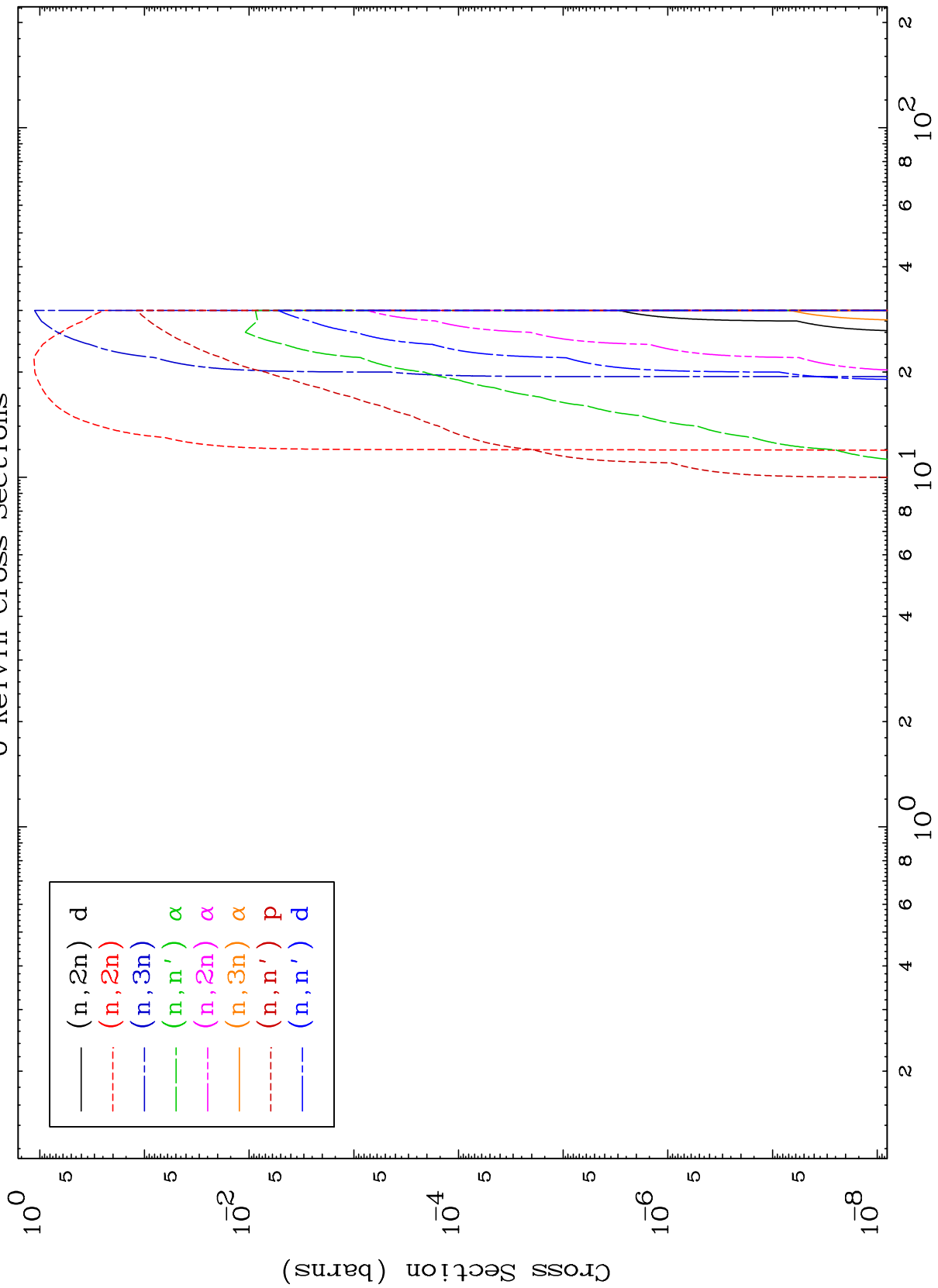
0 Kelvin Cross Sections



MAT 8028

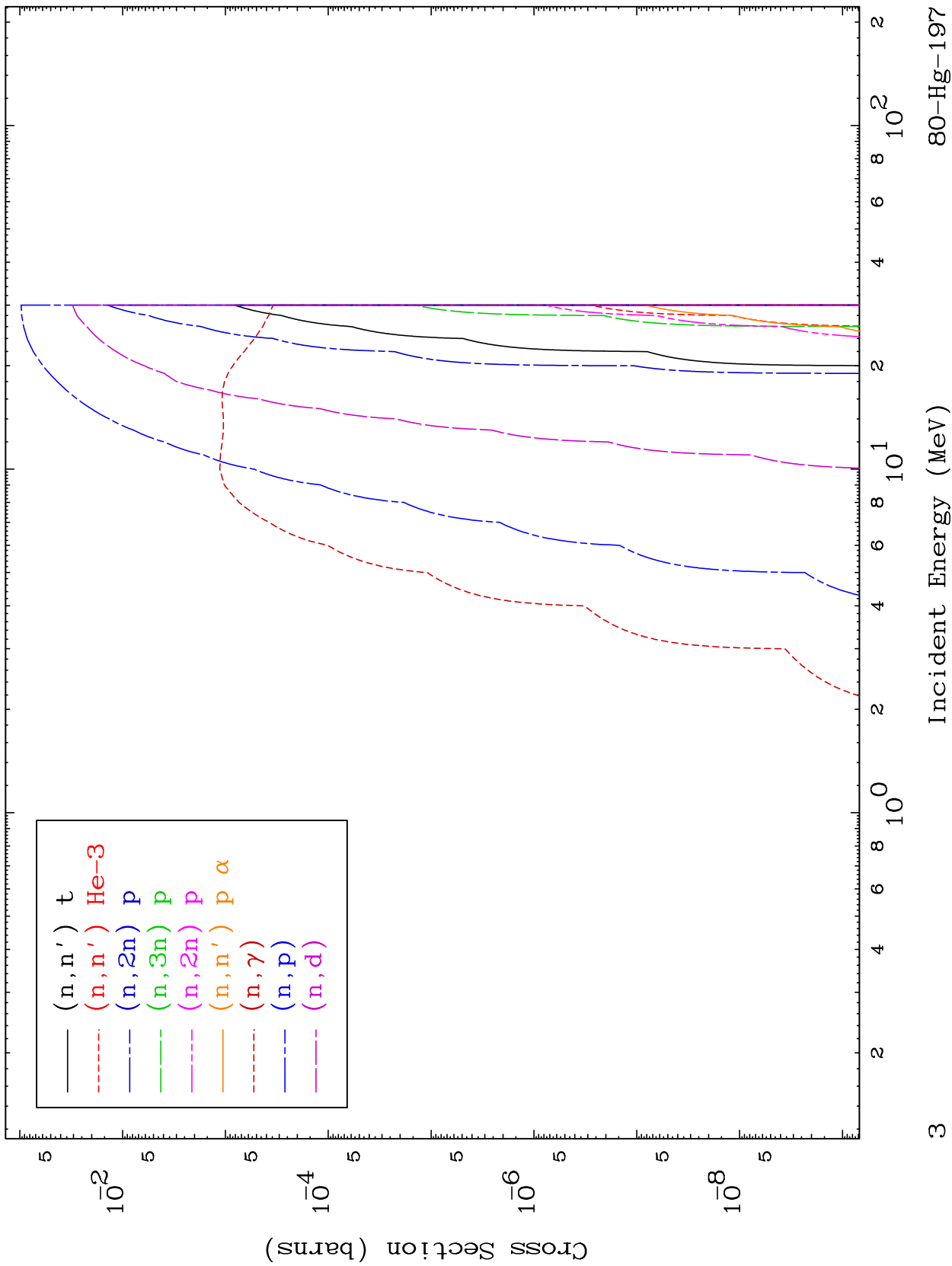
Proton Neutron Absorption
0 Kelvin Cross Sections

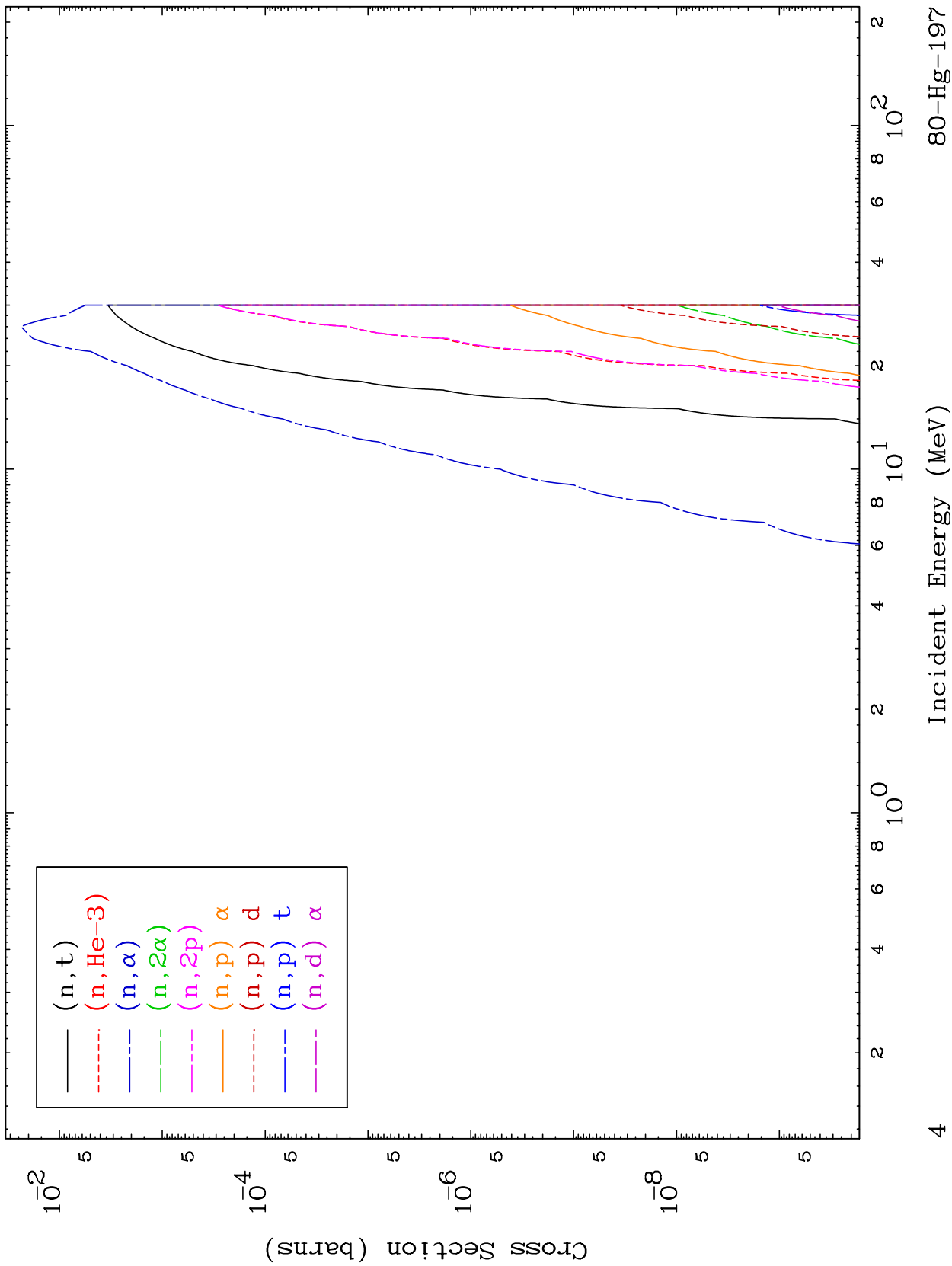
80-Hg-197

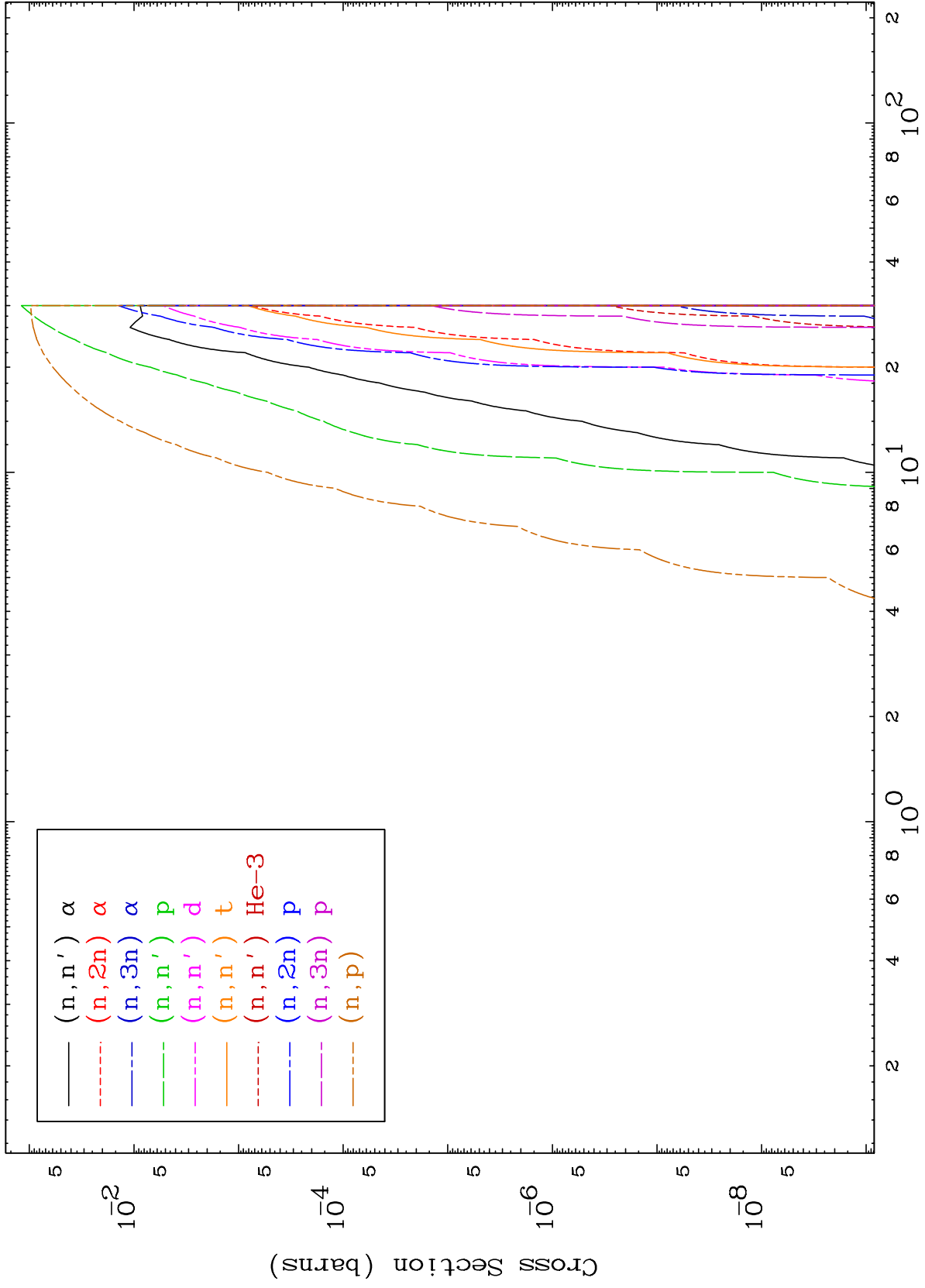


80-Hg-197

Incident Energy (MeV)



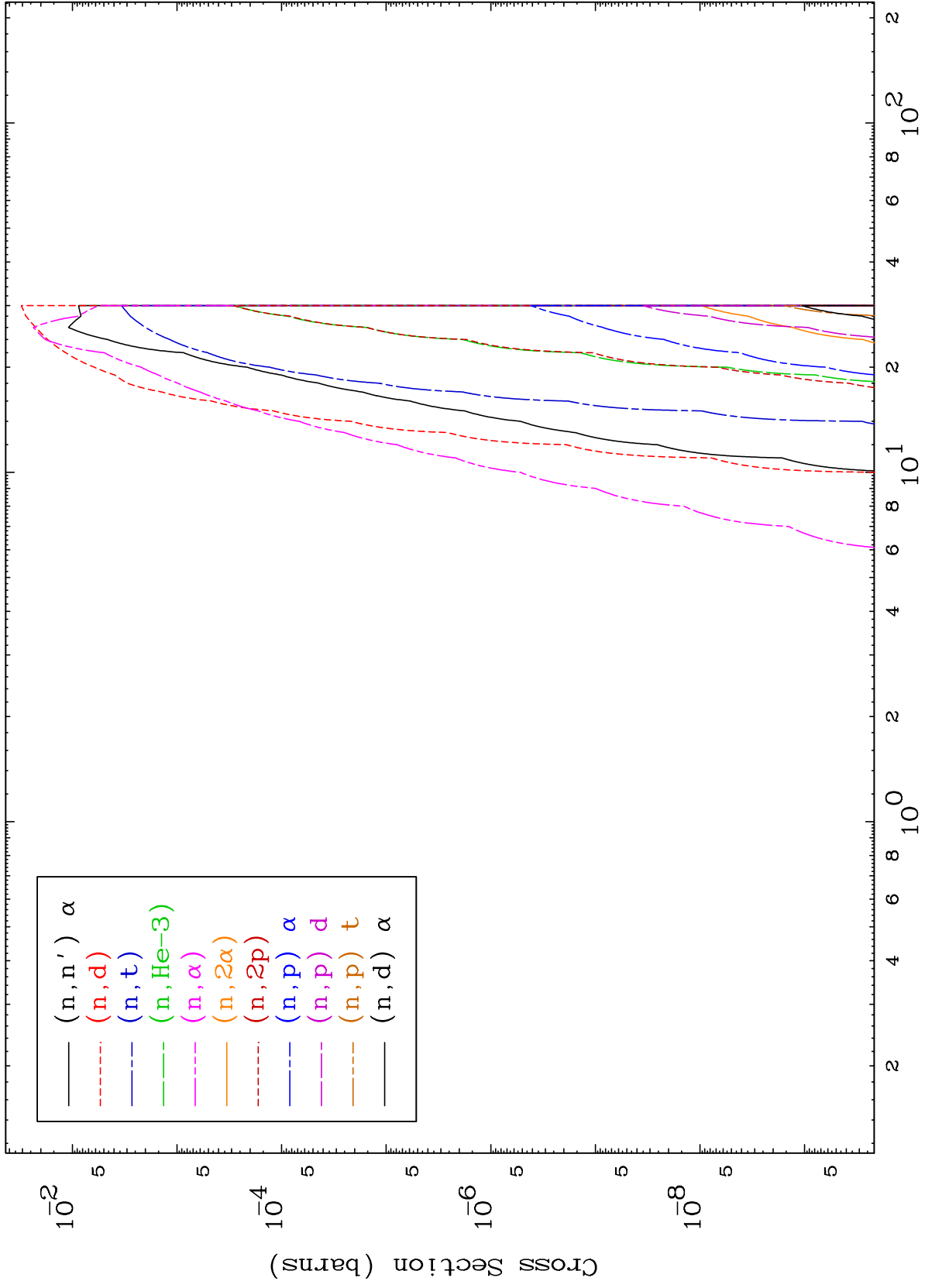




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Proton Charged Particle
0 Kelvin Cross Sections

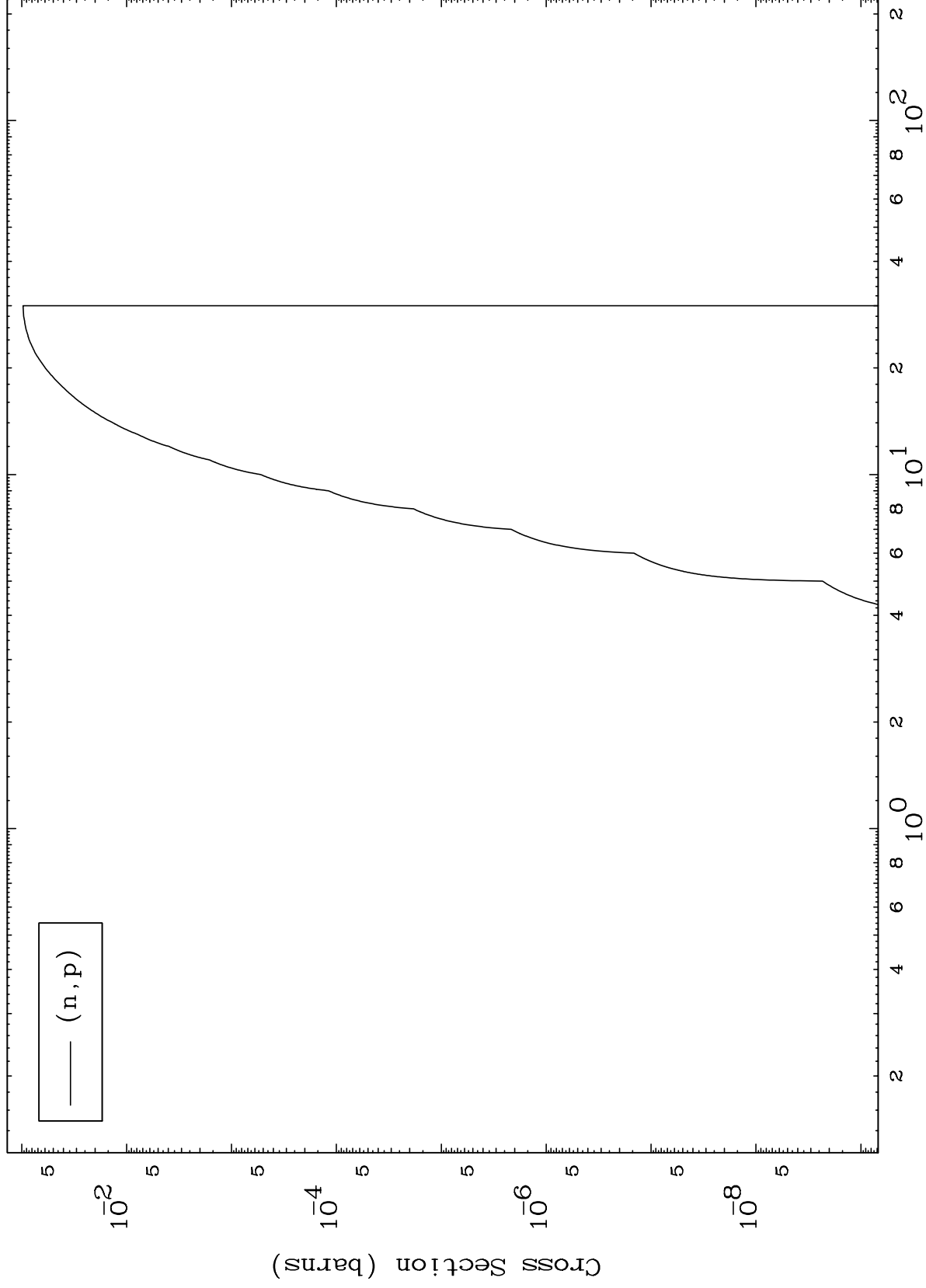
80-Hg-197



MAT 8028

(p,p) Levels
0 Kelvin Cross Sections

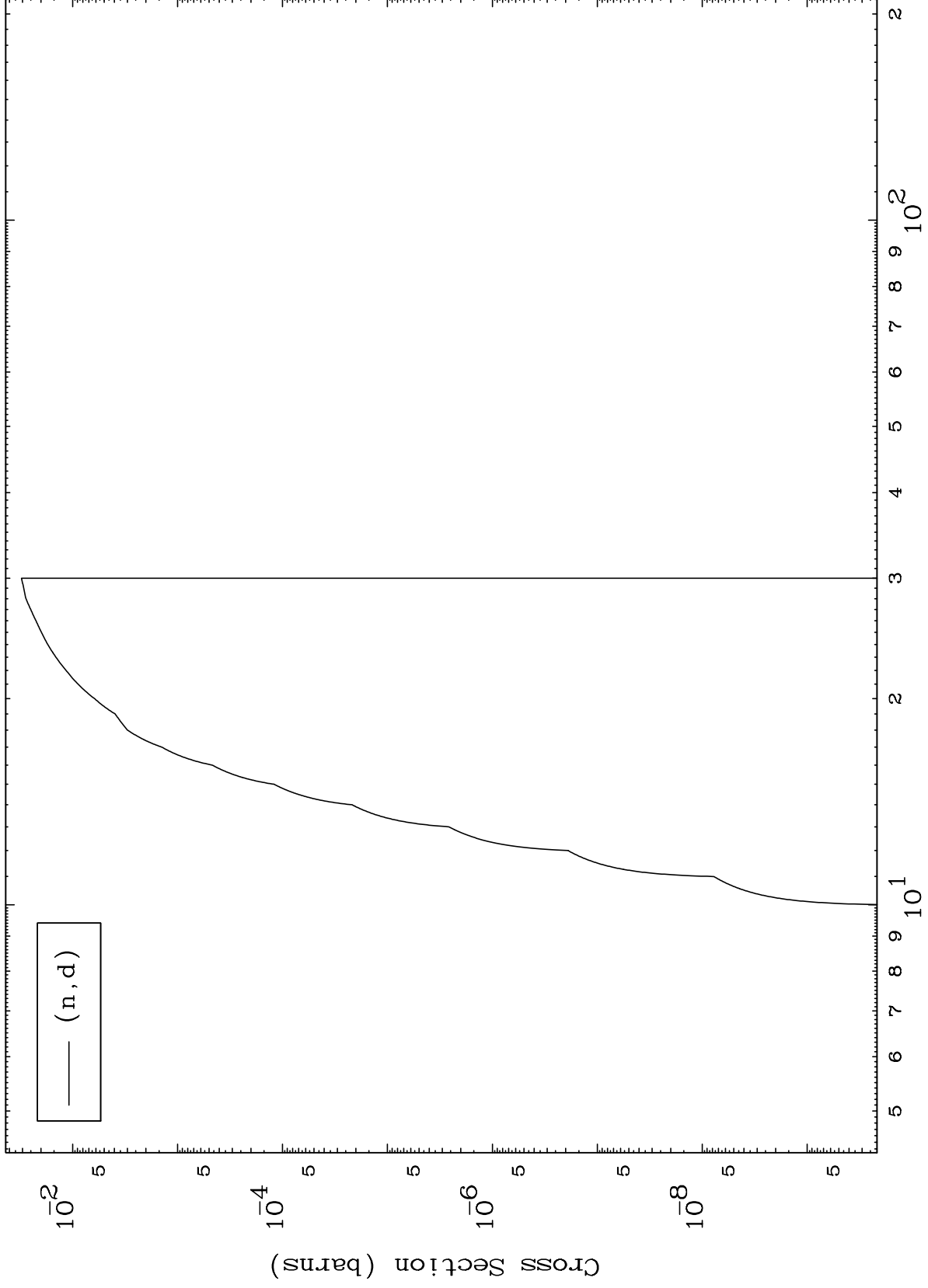
80-Hg-197



MAT 8028

(p,d) Levels
0 Kelvin Cross Sections

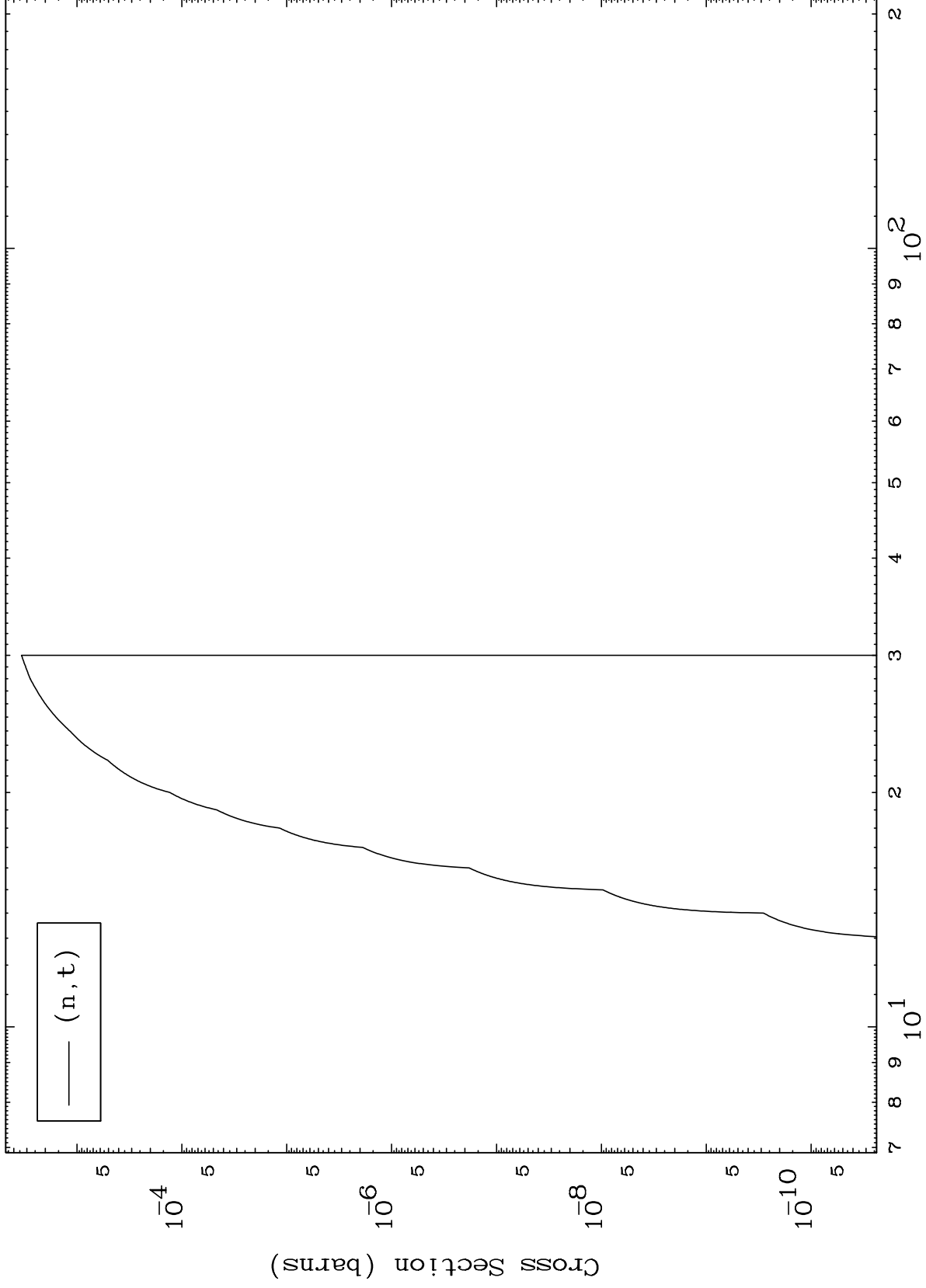
80-Hg-197



MAT 8028

(p, t) Levels
0 Kelvin Cross Sections

80-Hg-197



9

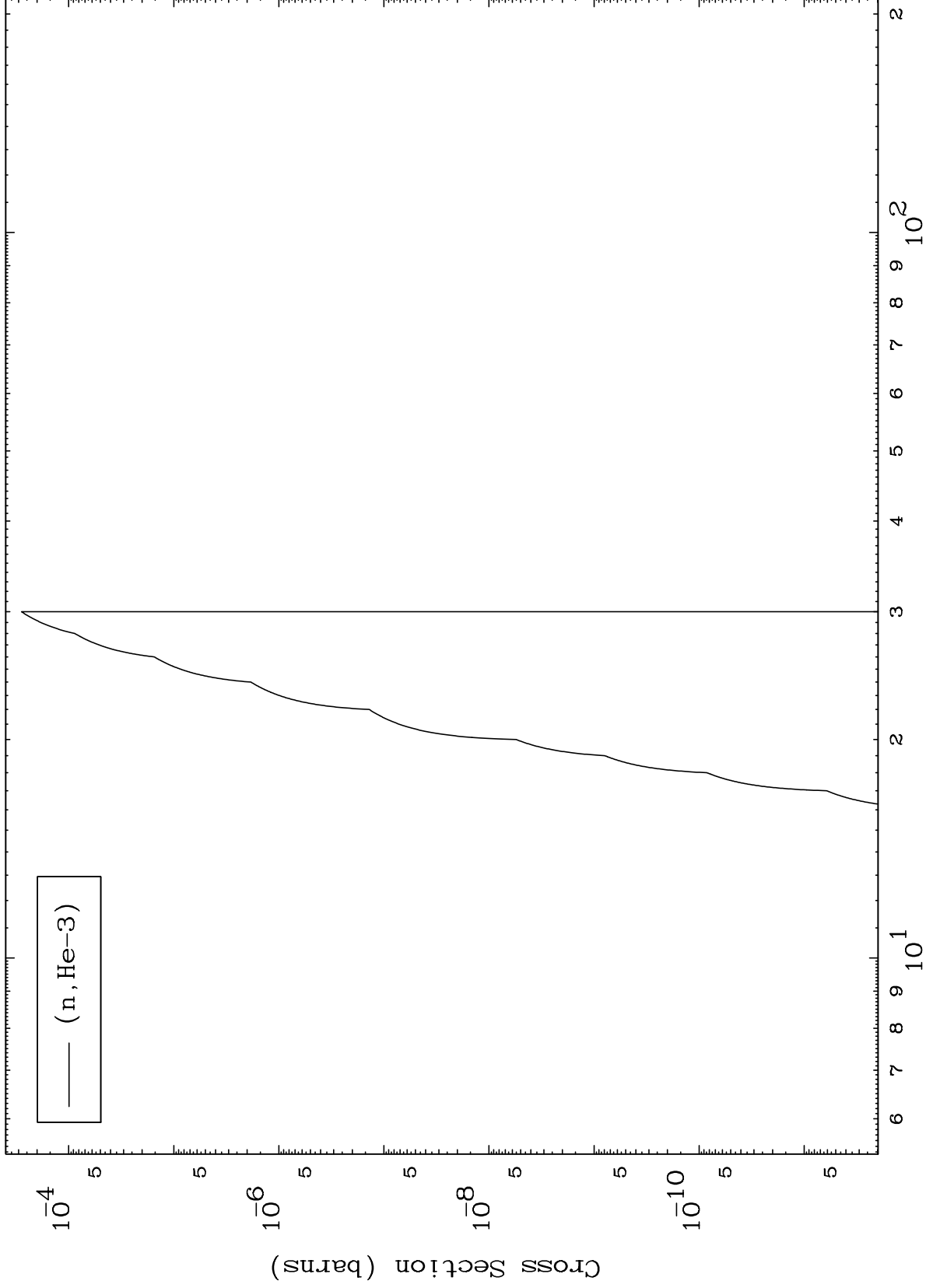
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-197



10

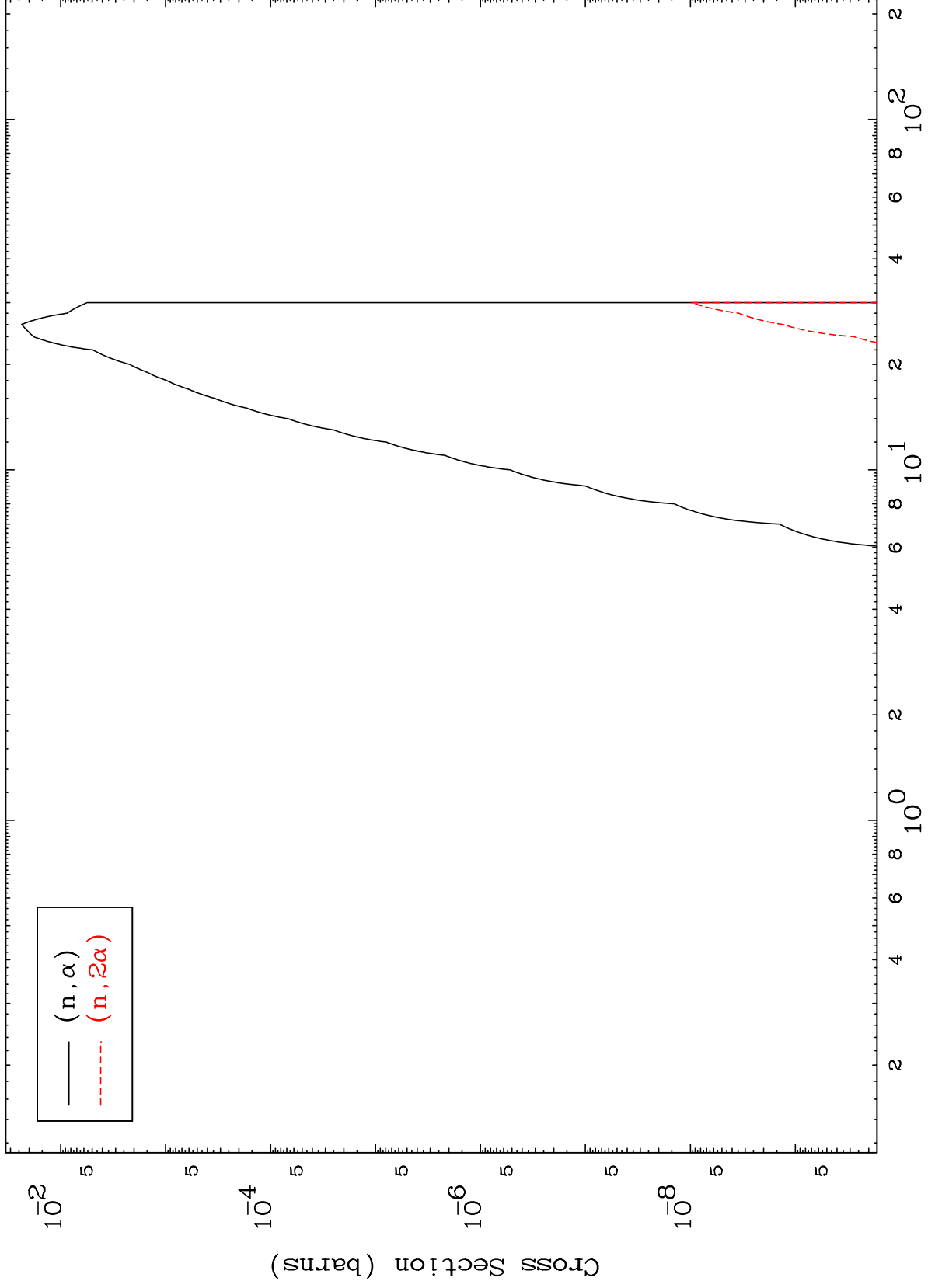
Incident Energy (MeV)

80-Hg-197

MAT 8028

(p, α) Levels
0 Kelvin Cross Sections

80-Hg-197



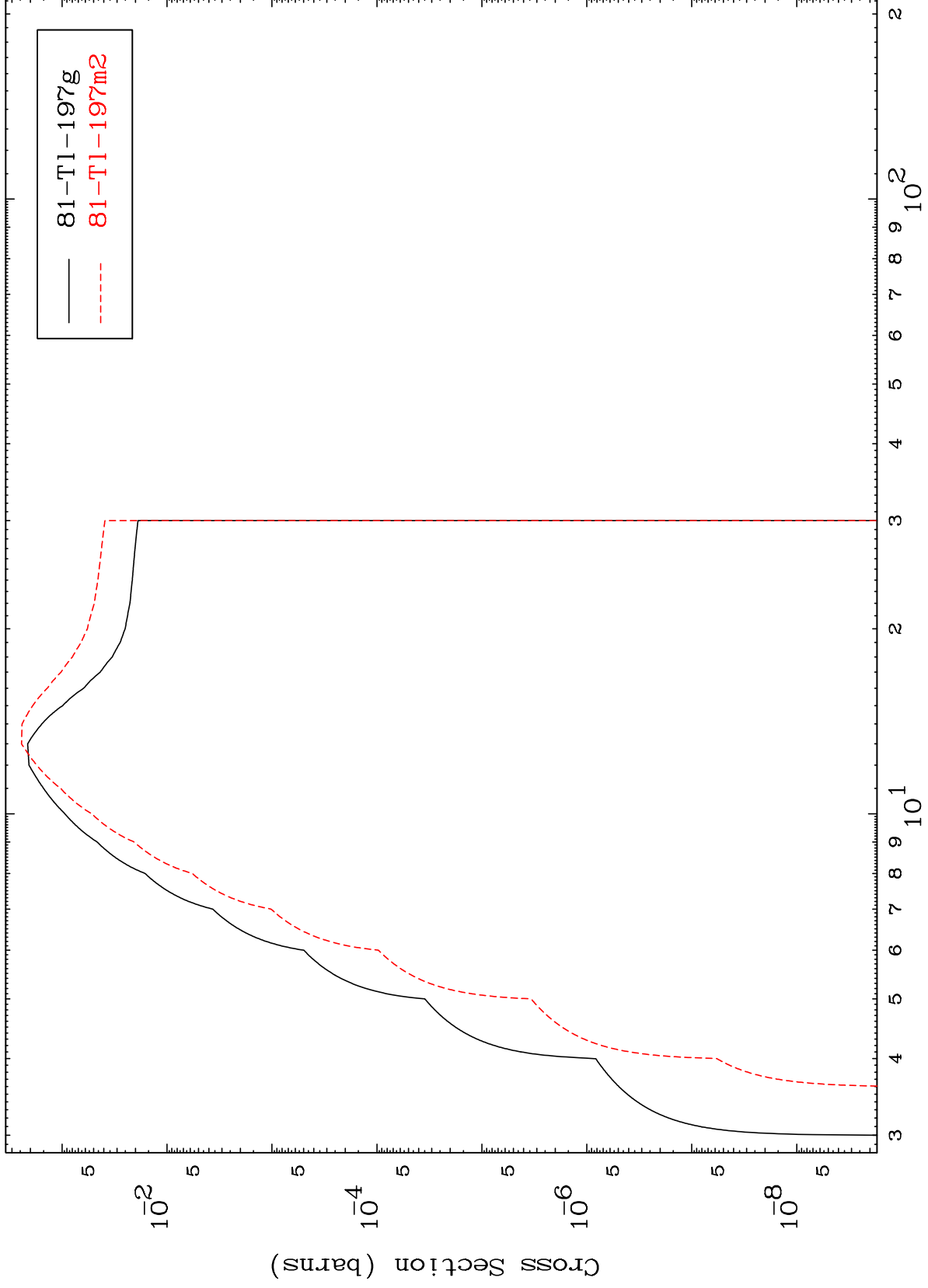
80-Hg-197

Incident Energy (MeV)

MAT 8028

Inelastic
Radionuclide Production Cross Section

80-Hg-197



12

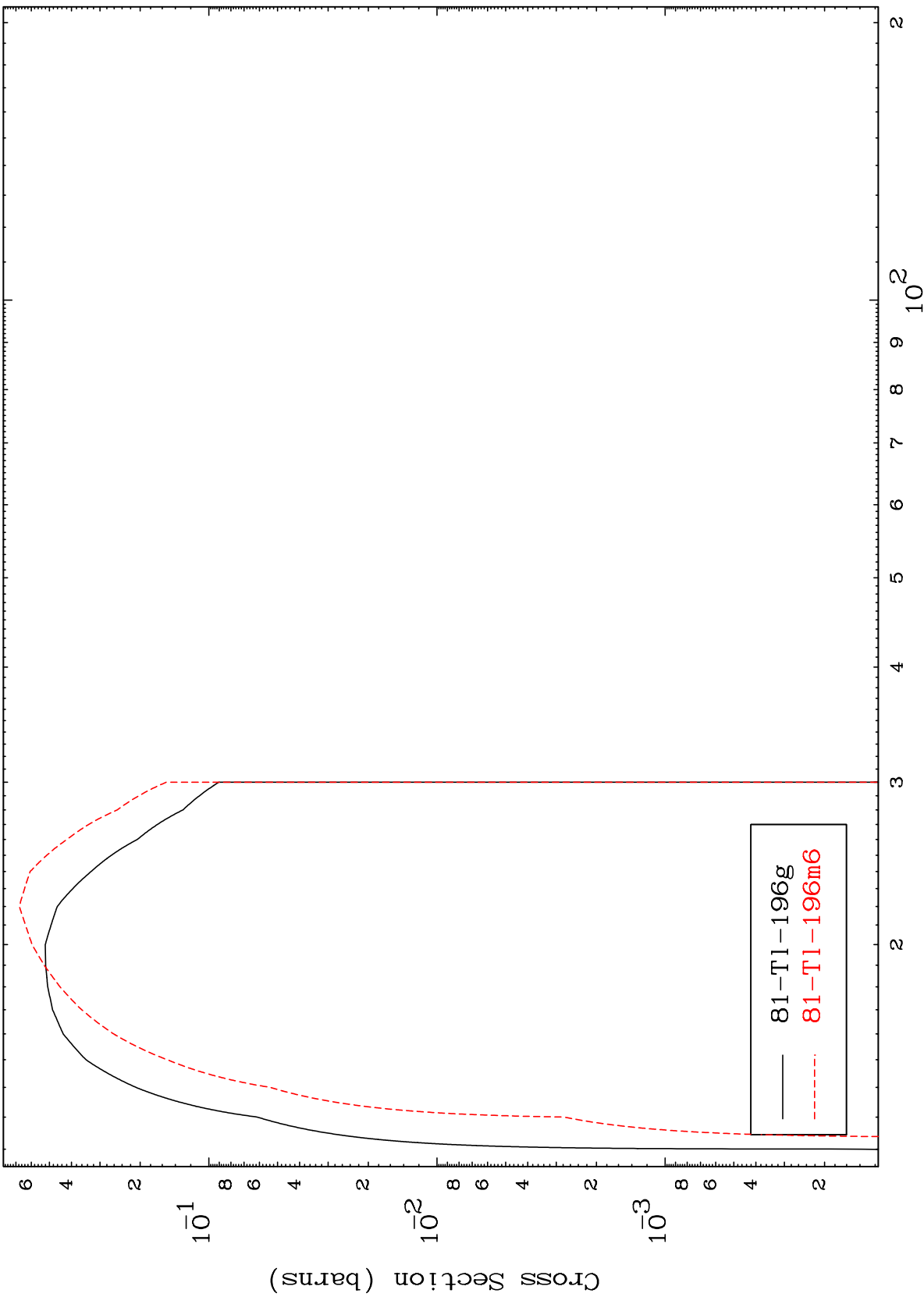
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

Radionuclide Production Cross Section
(n,2n)



80-Hg-197

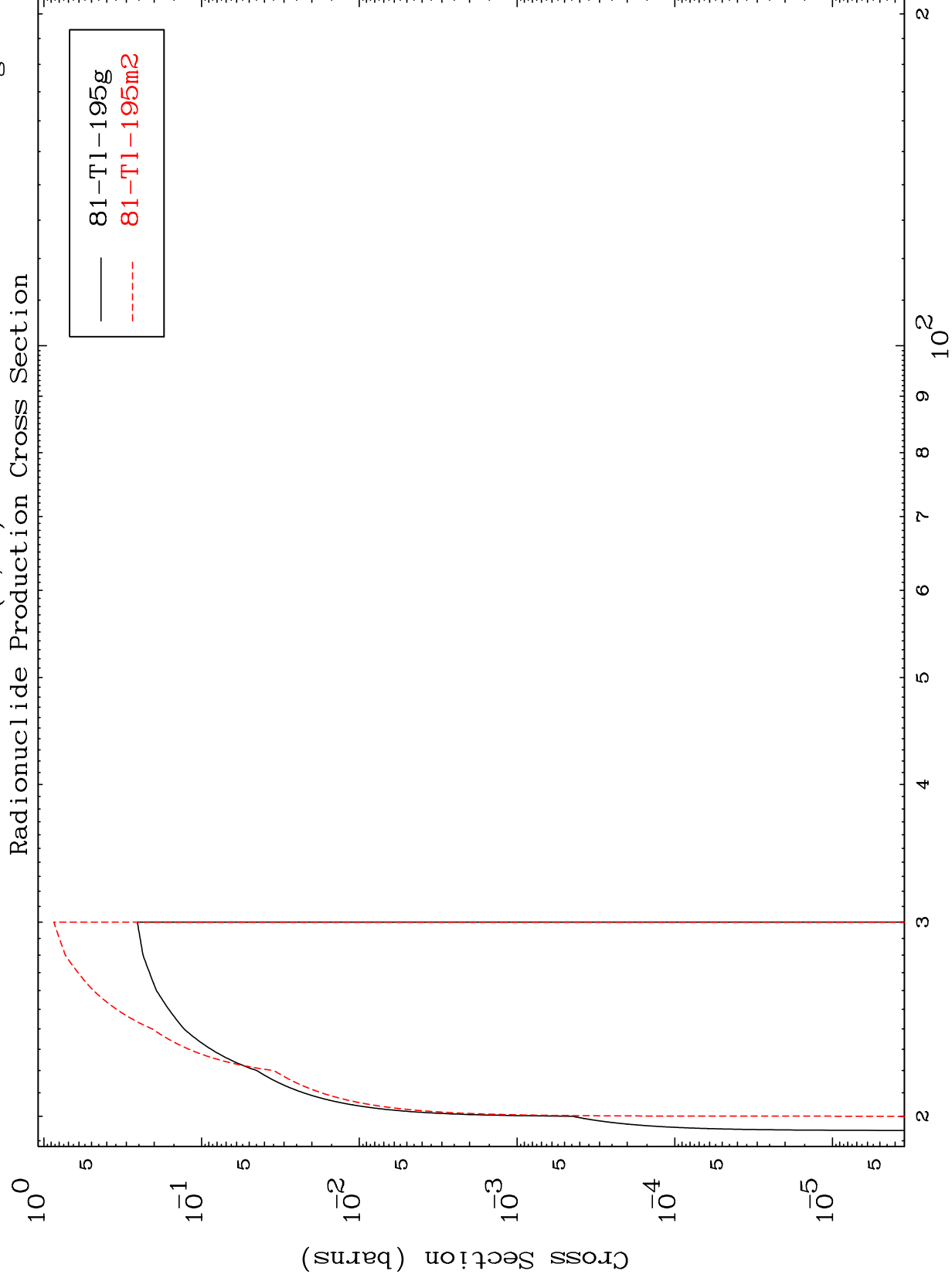
Incident Energy (MeV)

13

MAT 8028

(n,3n)

80-Hg-197



14

Incident Energy (MeV)

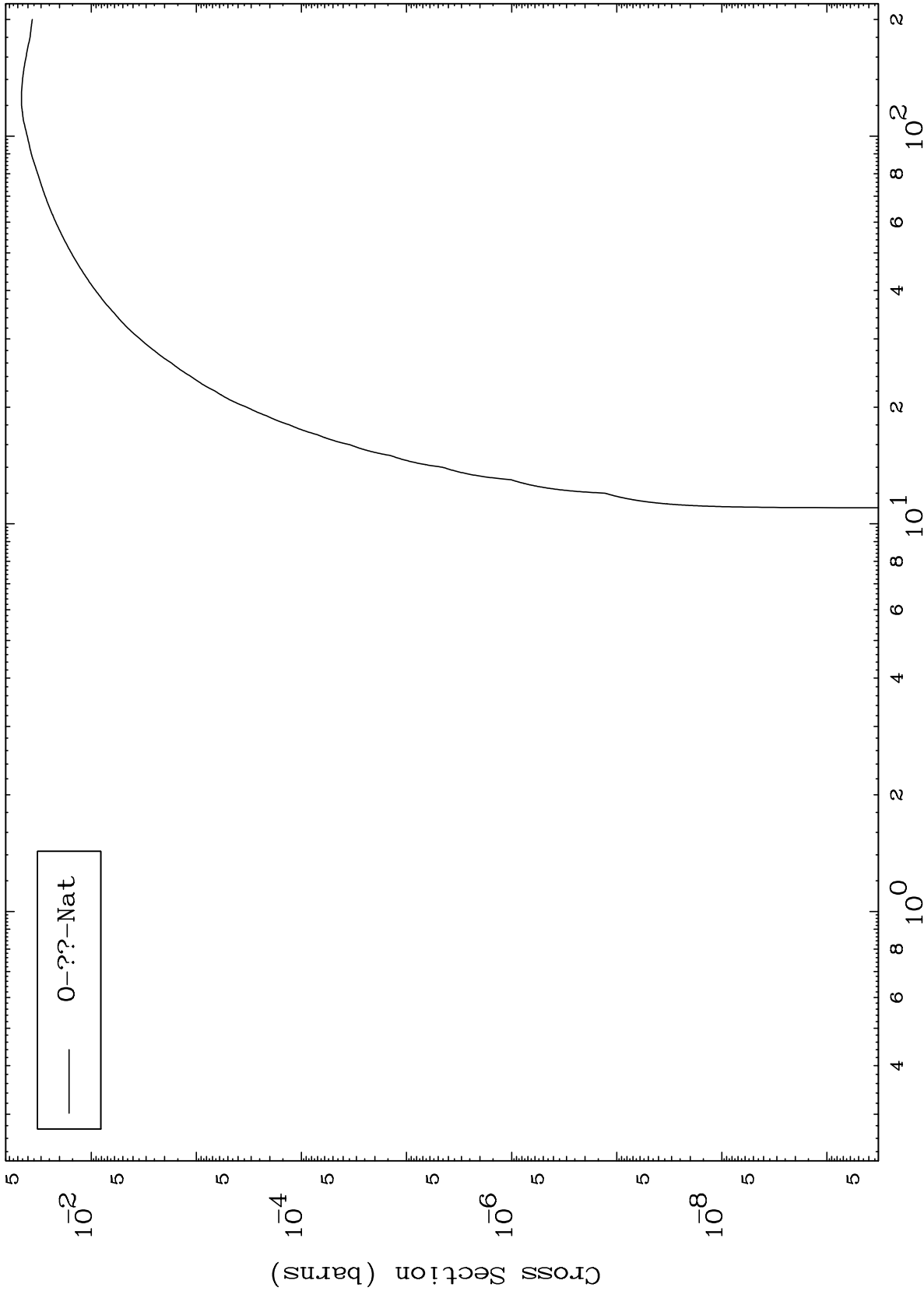
80-Hg-197

MAT 8028

Fission

80-Hg-197

Radionuclide Production Cross Section

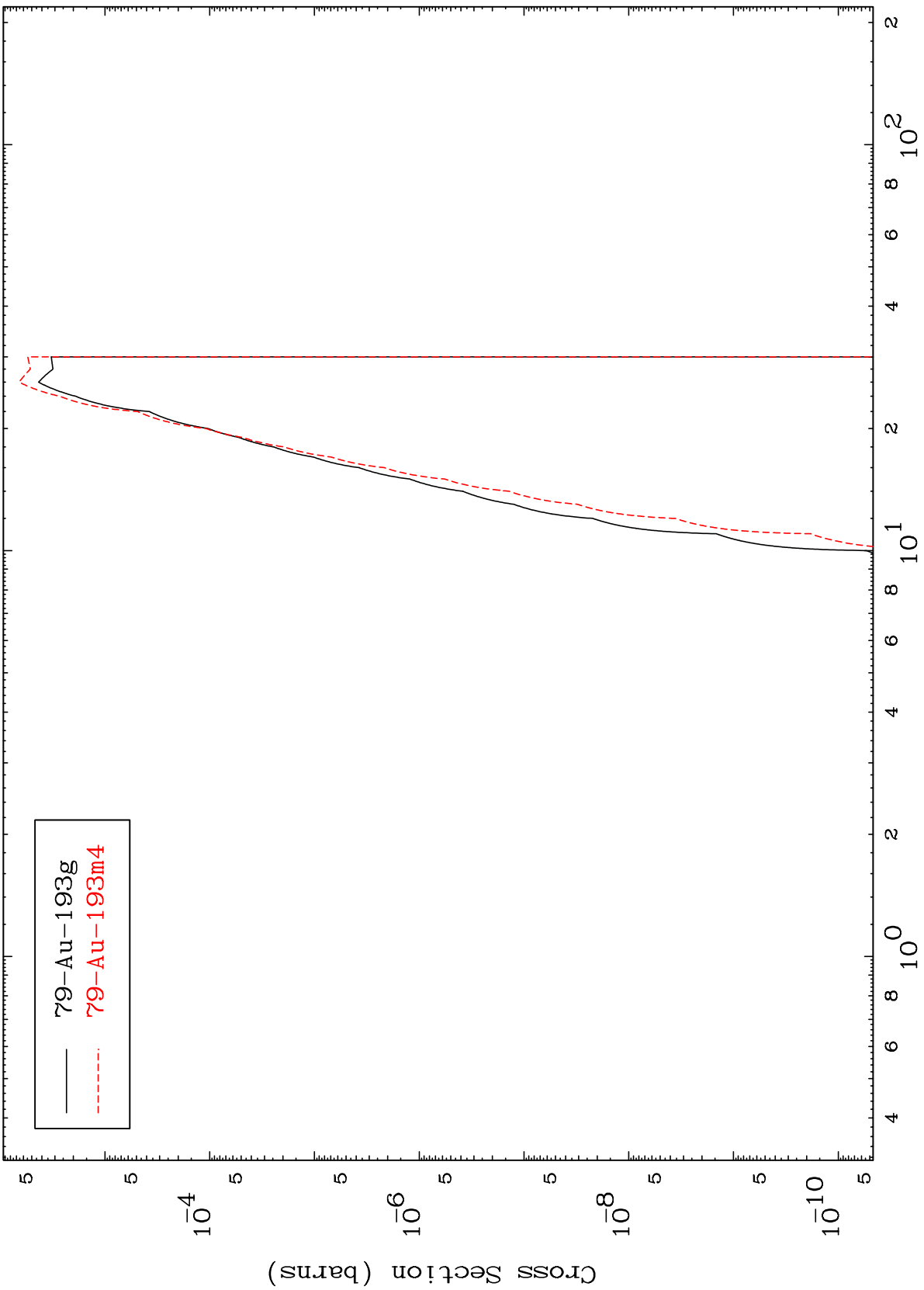


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$(n, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

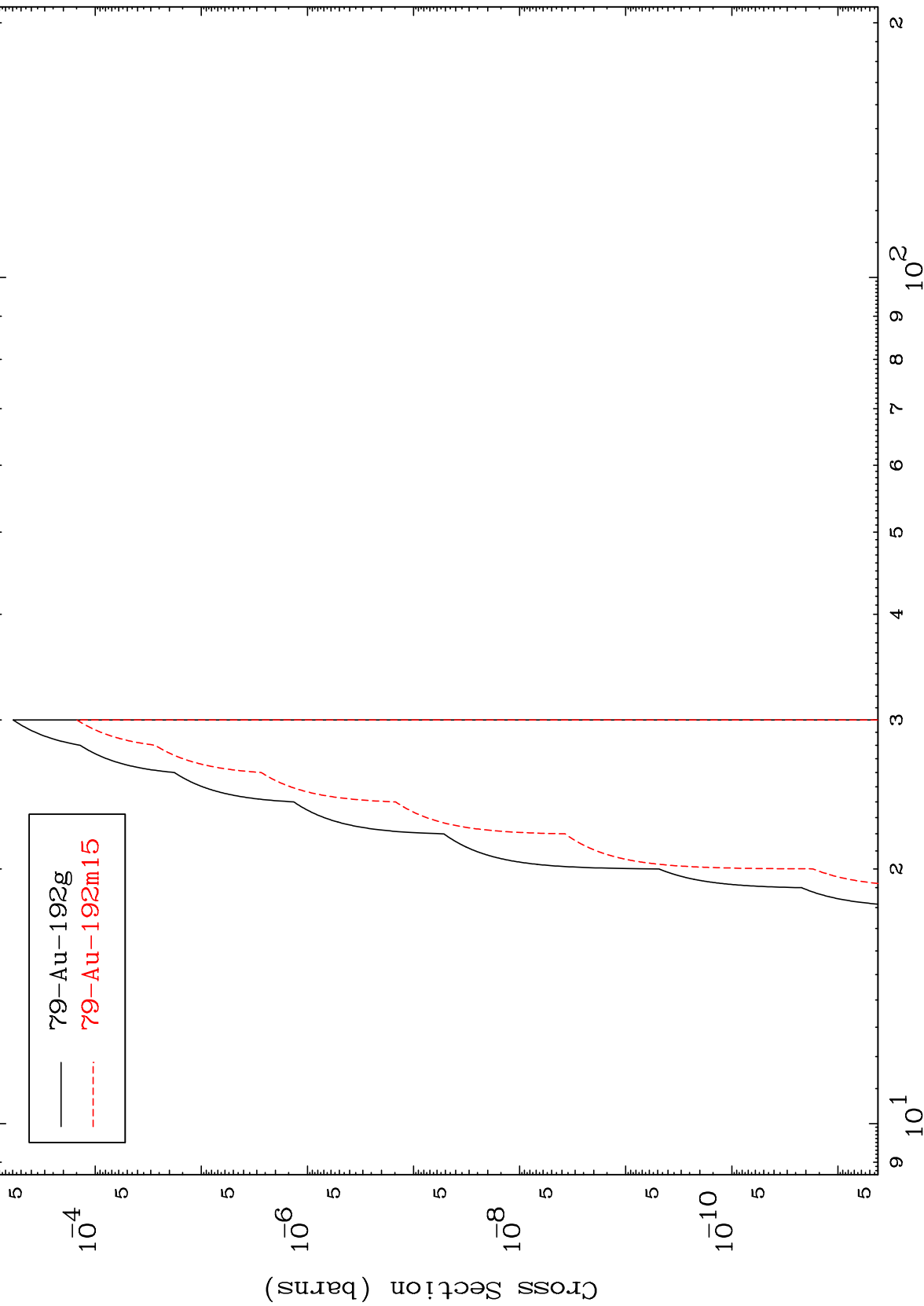
80-Hg-197

MAT 8028

(n,2n) α

80-Hg-197

Radionuclide Production Cross Section



79-Au-192g
79-Au-192m15

Incident Energy (MeV)

80-Hg-197

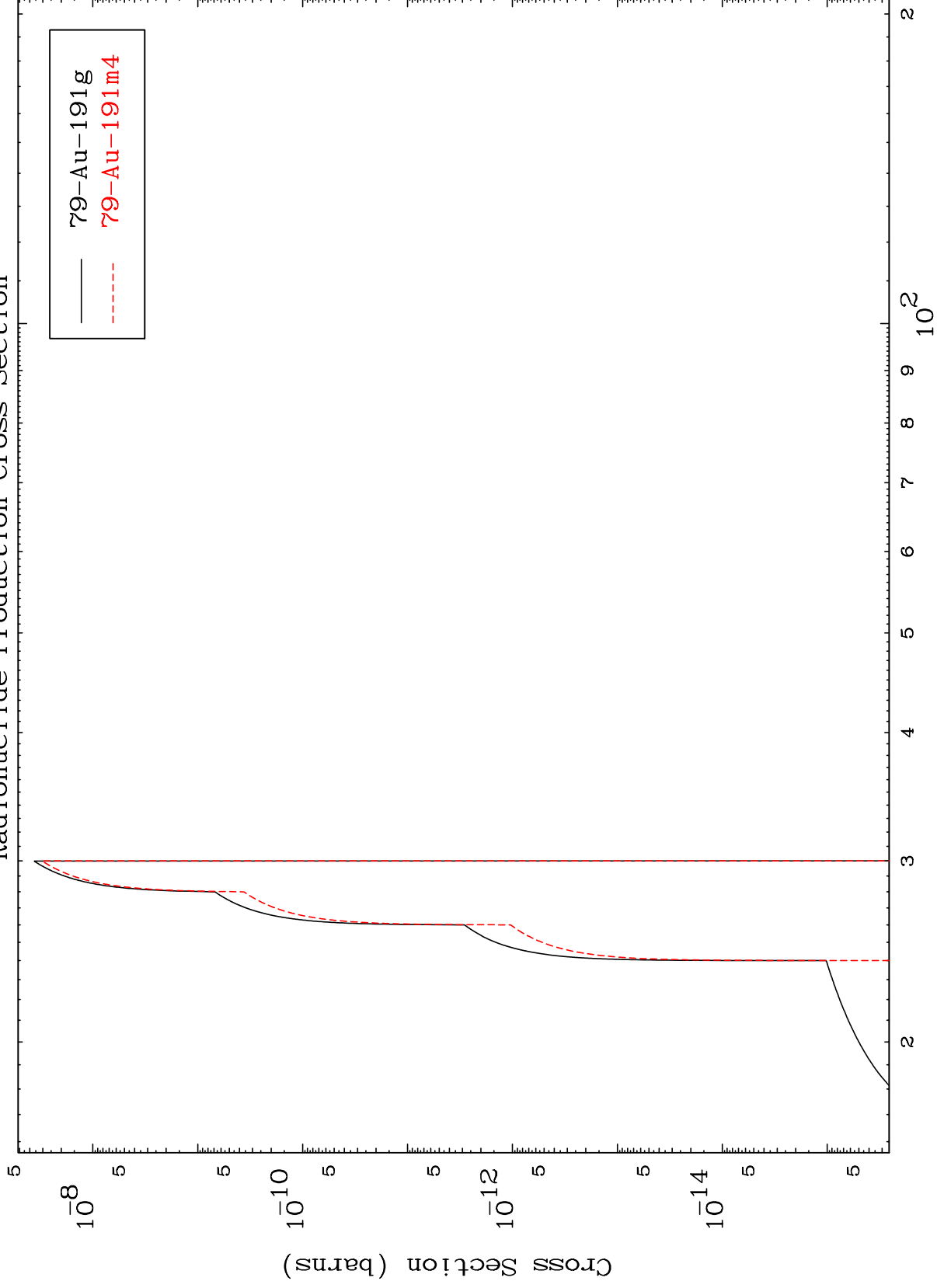
17

MAT 8028

$(n,3n) \alpha$

80-Hg-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

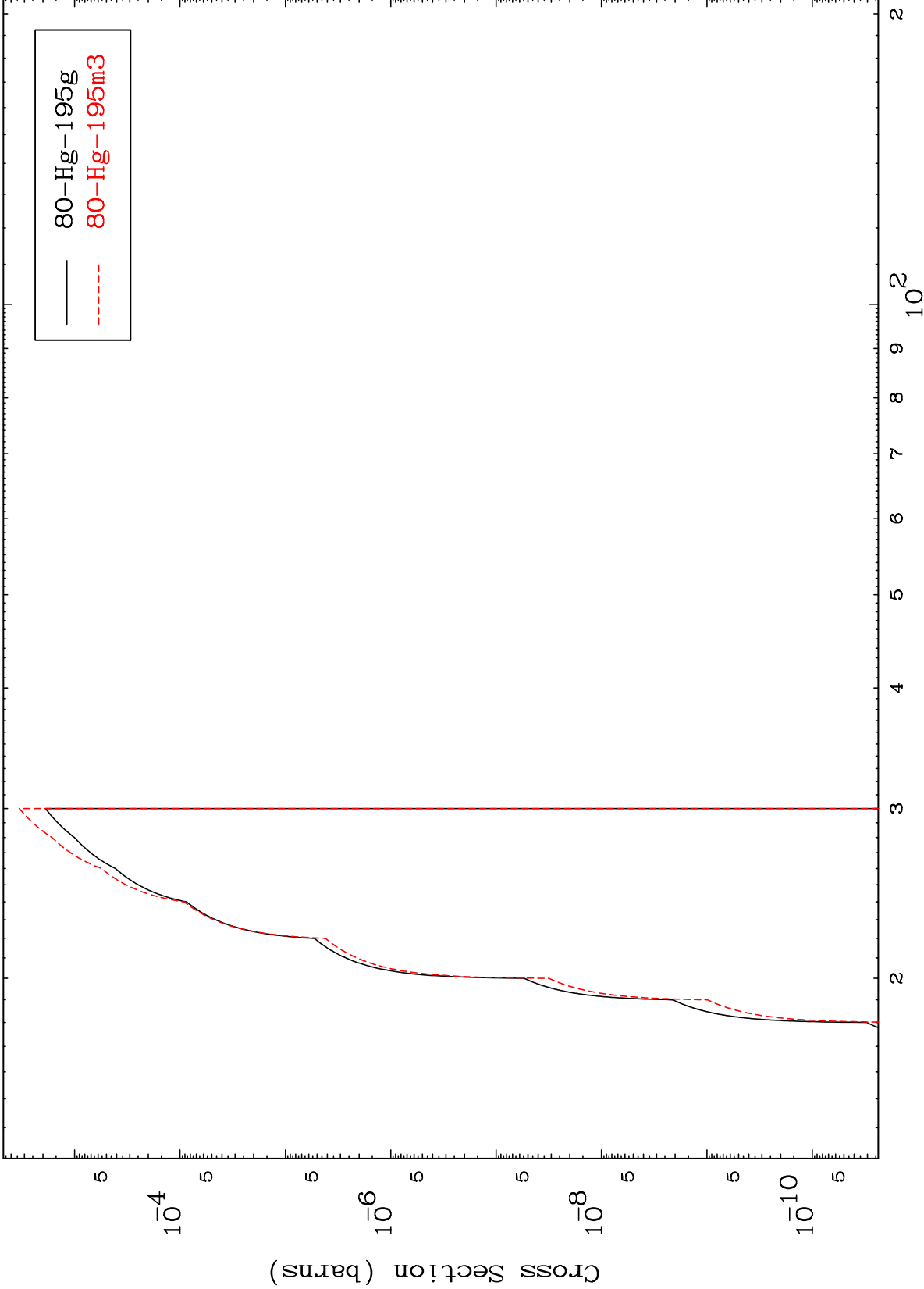
80-Hg-197

MAT 8028

(n,n') d

80-Hg-197

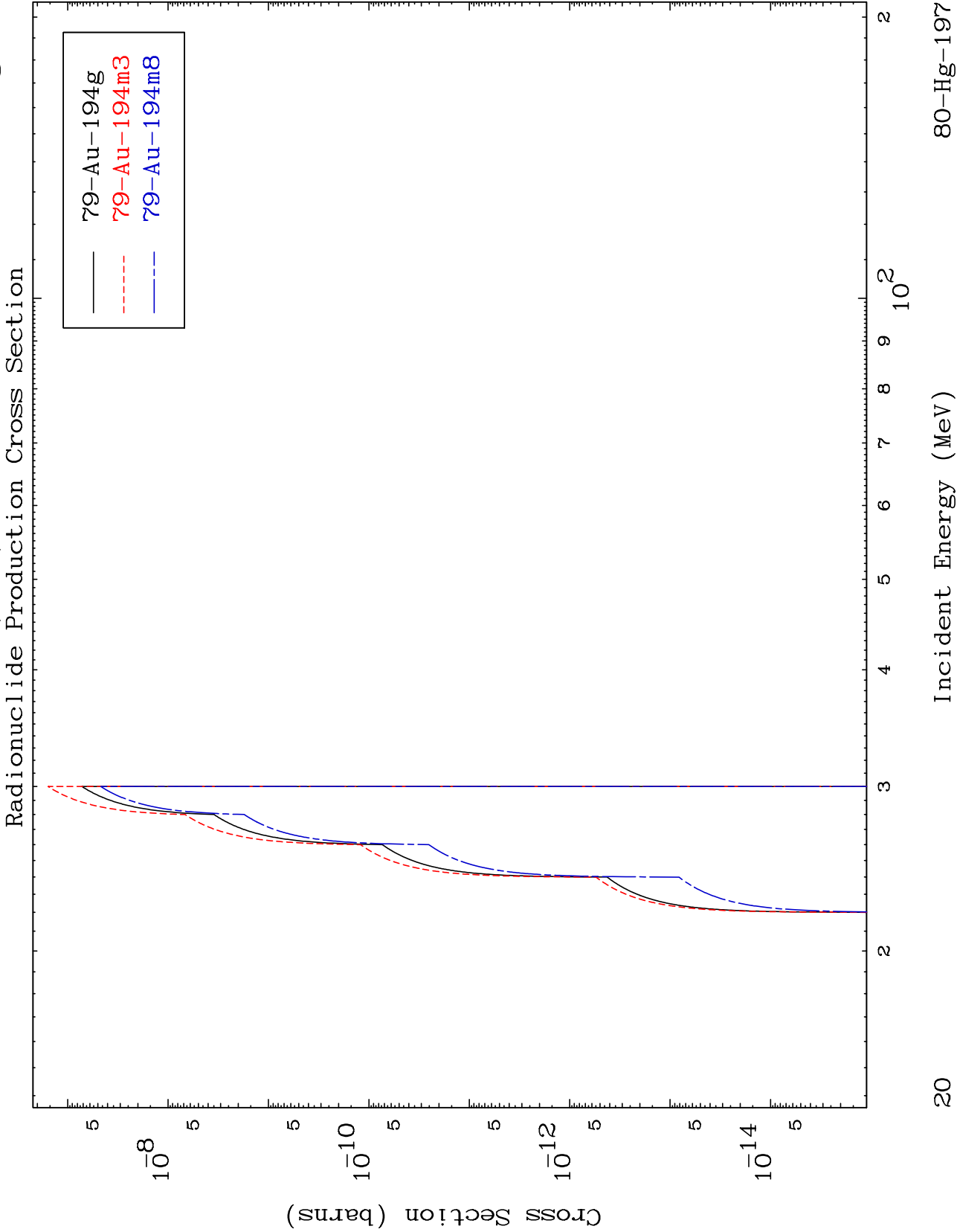
Radionuclide Production Cross Section

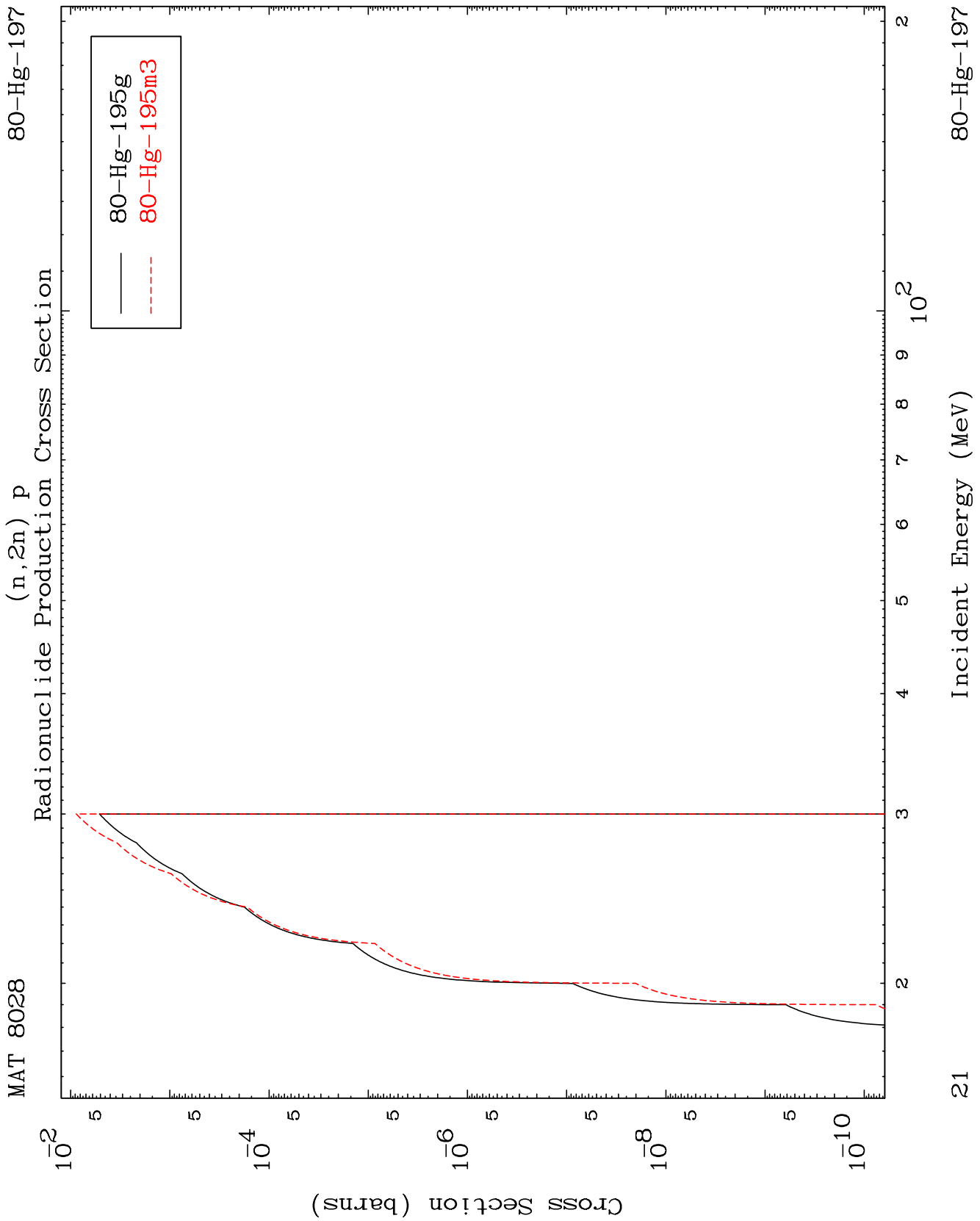


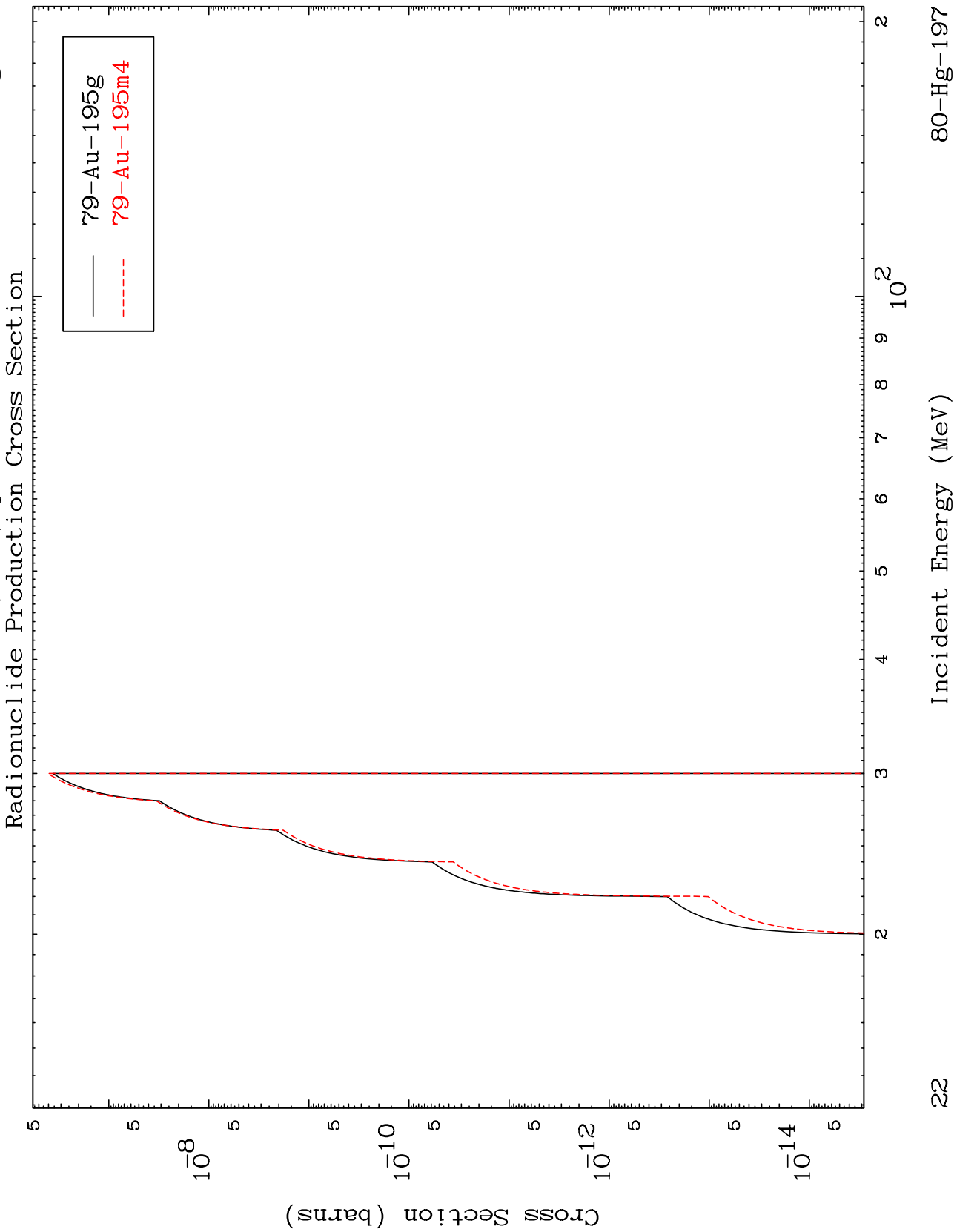
19

Incident Energy (MeV)

80-Hg-197



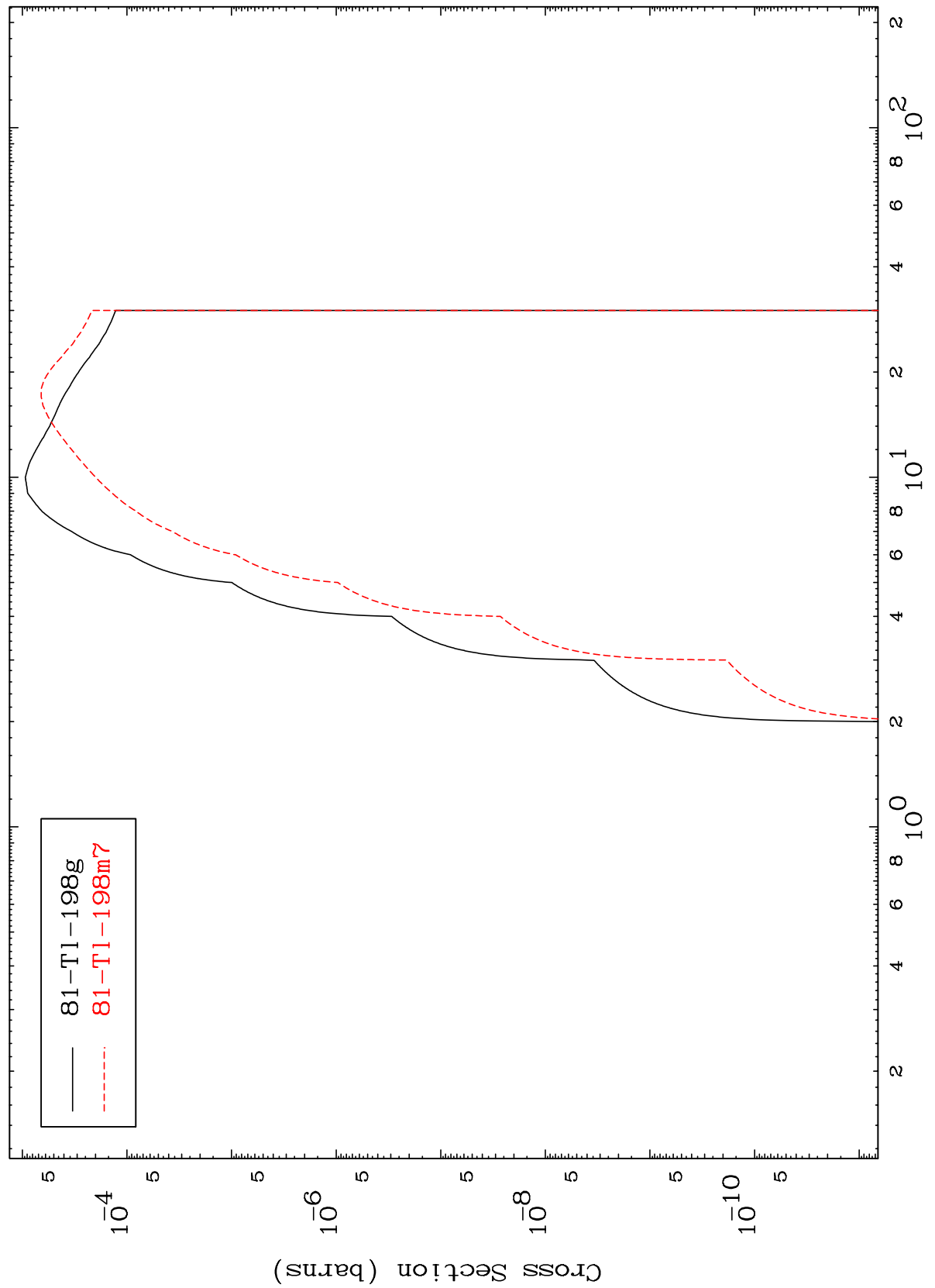




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80-Hg-197

(n, γ)
Radionuclide Production Cross Section

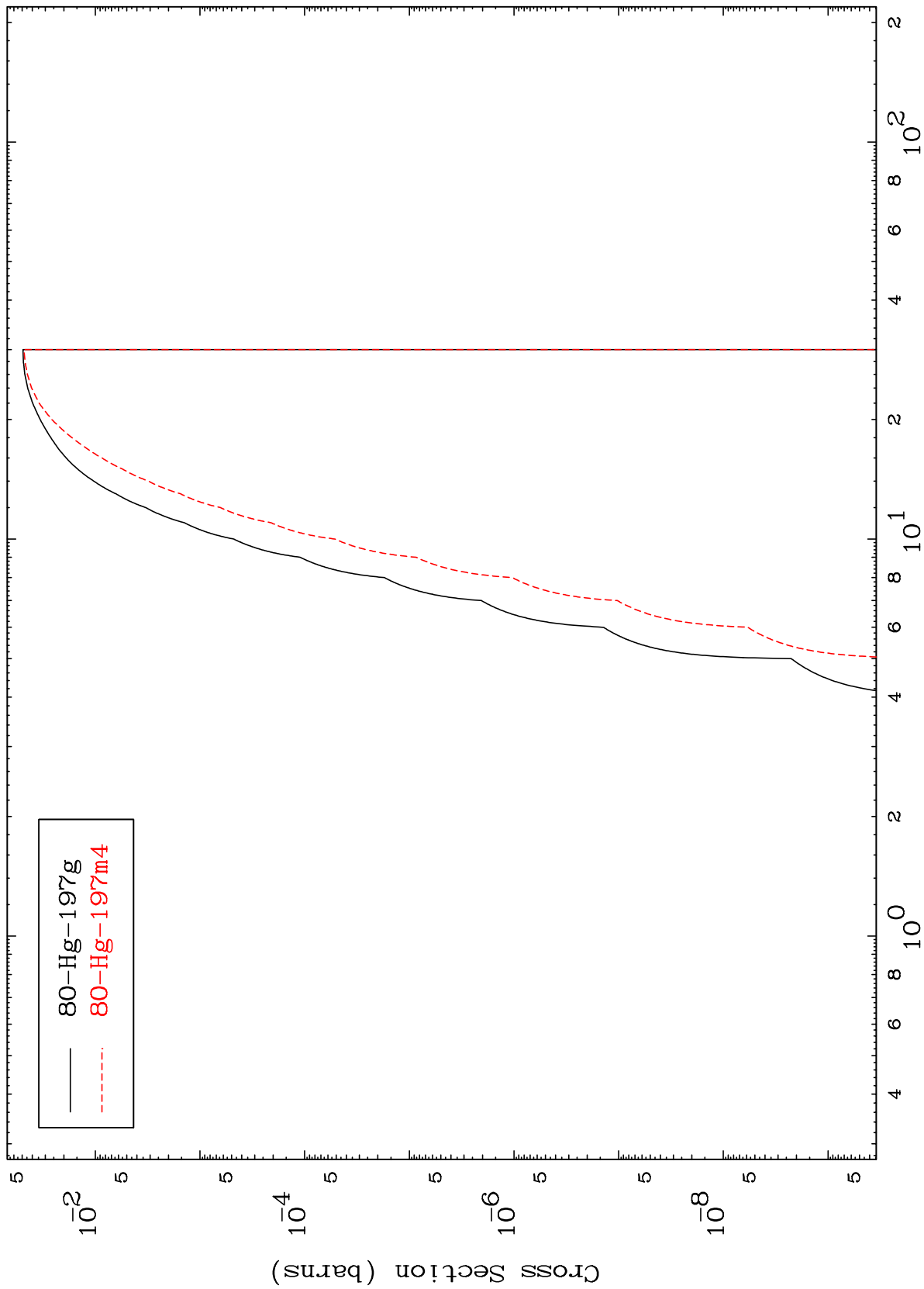


— 81-Tl-198g
- - - 81-Tl-198m7

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80-Hg-197

(n,p)
Radionuclide Production Cross Section



80-Hg-197g
80-Hg-197m4

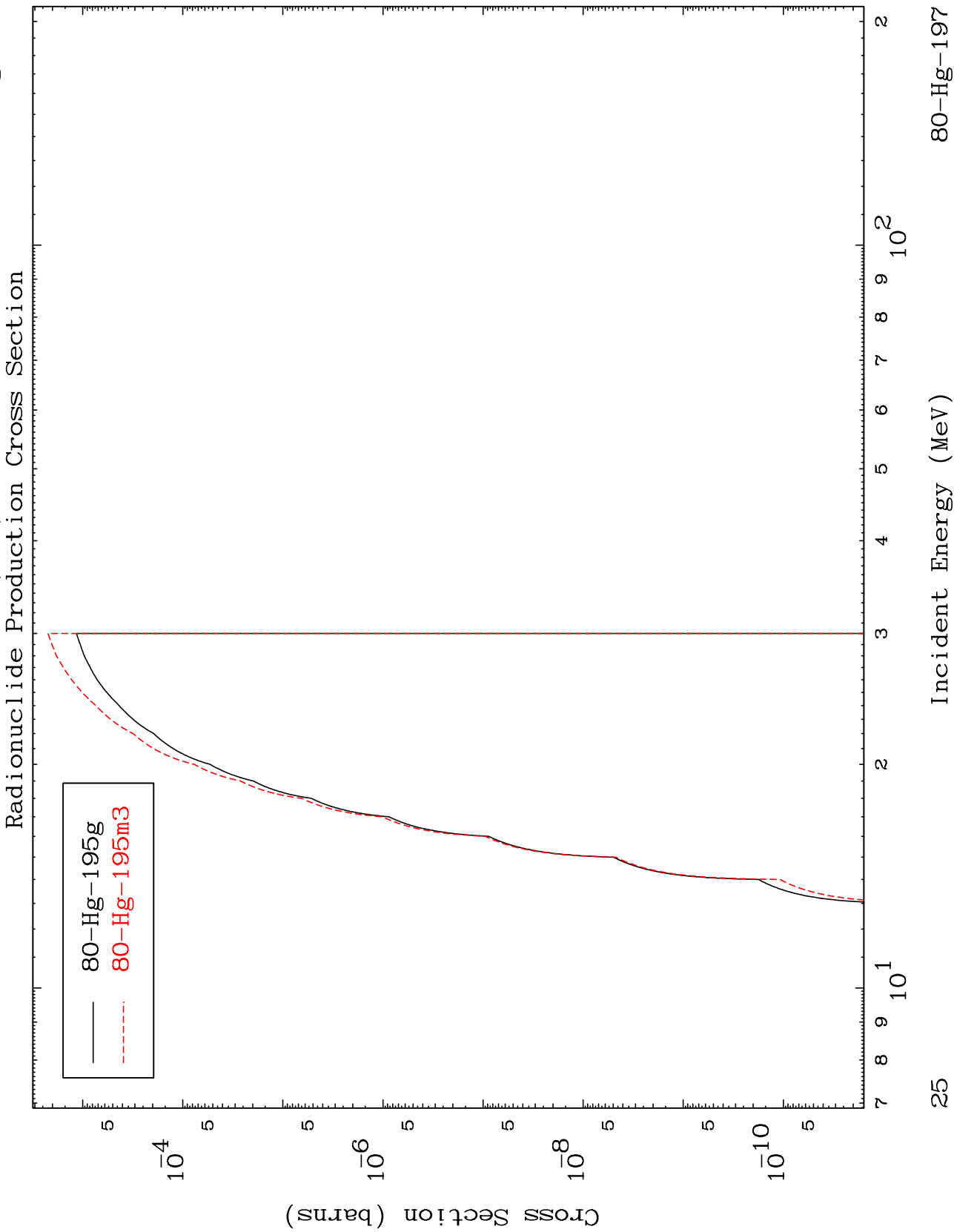
80-Hg-197

Incident Energy (MeV)

24

MAT 8028

80-Hg-197



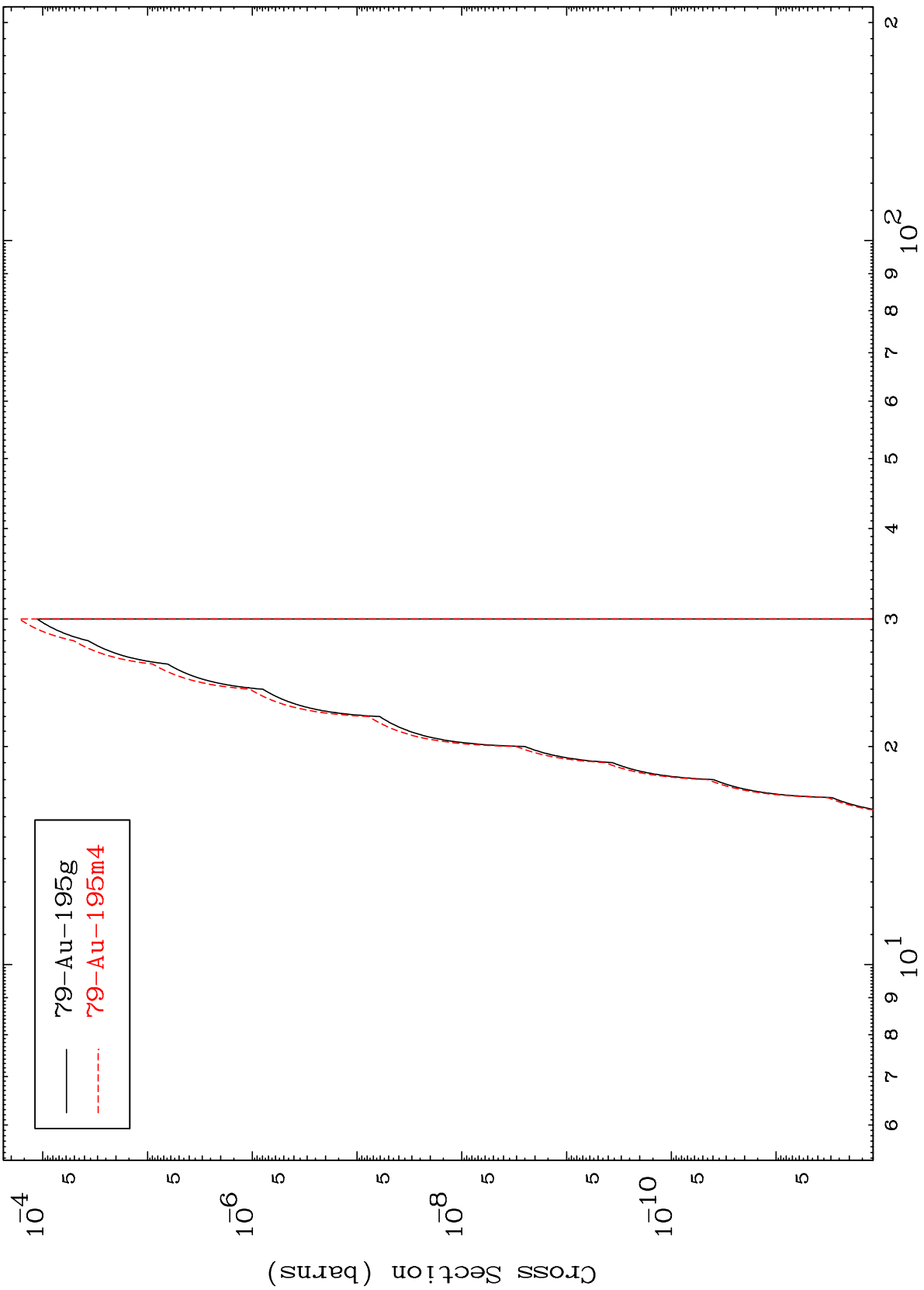
25

80-Hg-197

MAT 8028

80-Hg-197

Radionuclide Production Cross Section
(n,He-3)



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

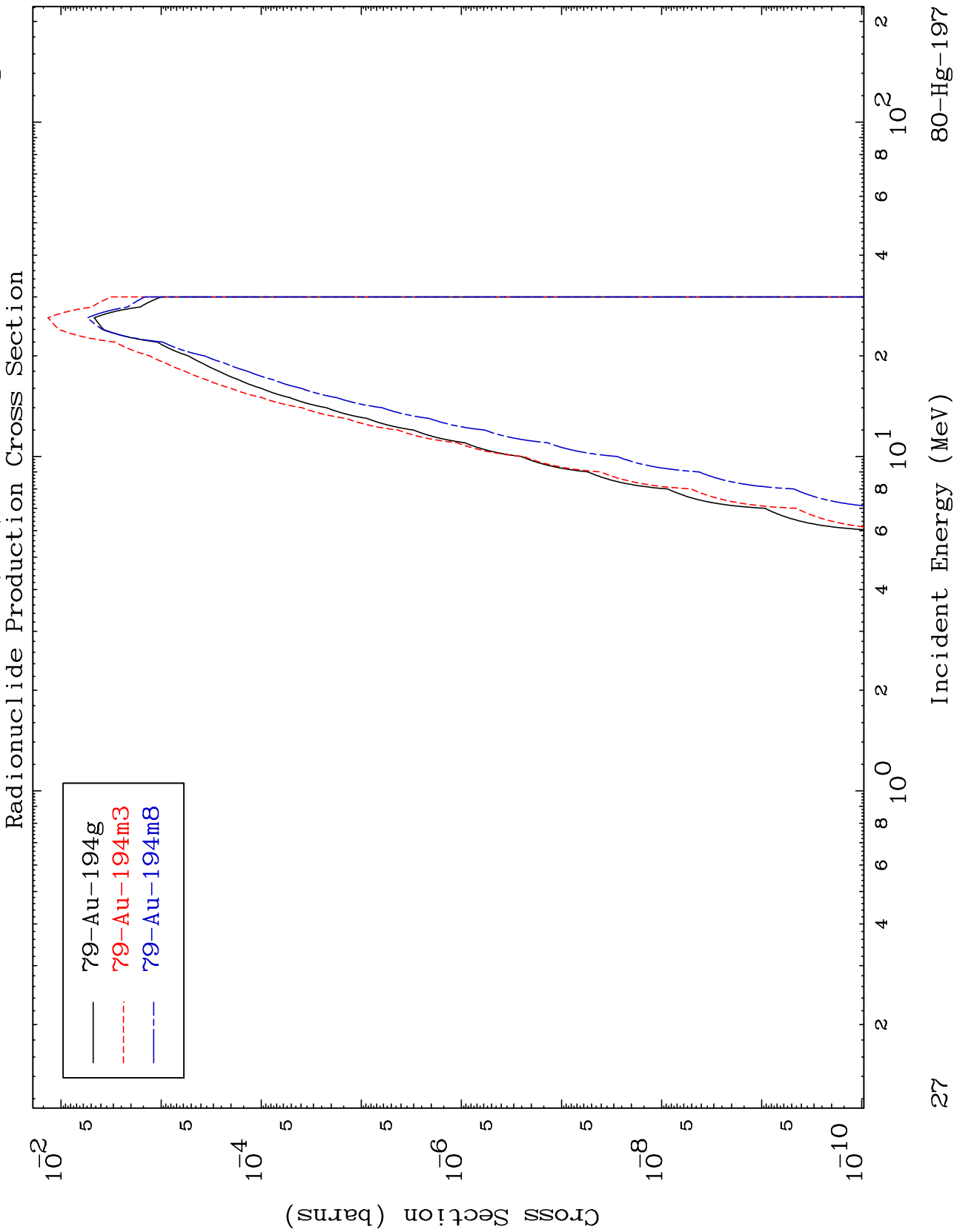
26

80-Hg-197

Incident Energy (MeV)

MAT 8028

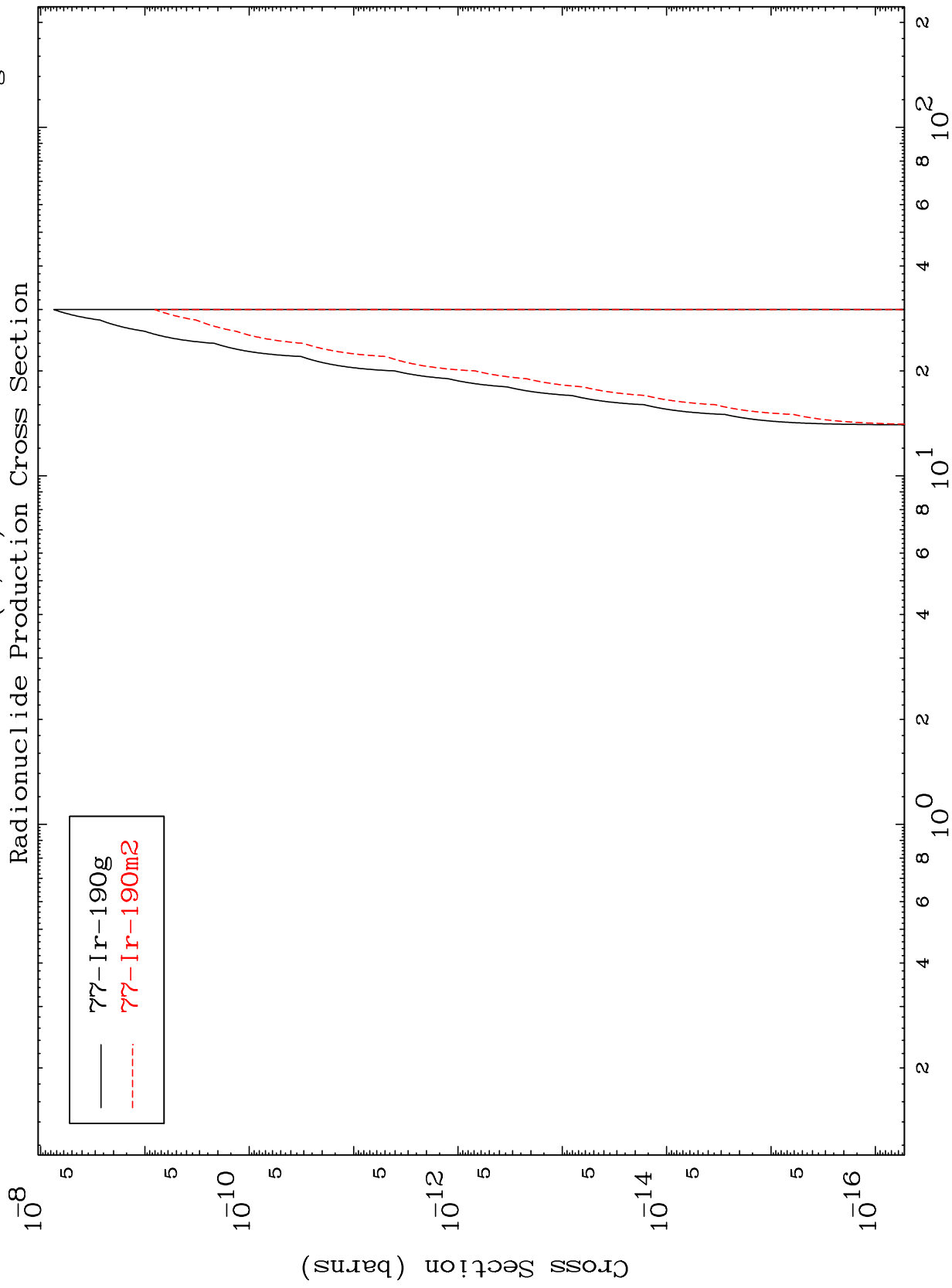
80-Hg-197



MAT 8028

80-Hg-197

Radionuclide Production Cross Section
(n,2α)



80-Hg-197

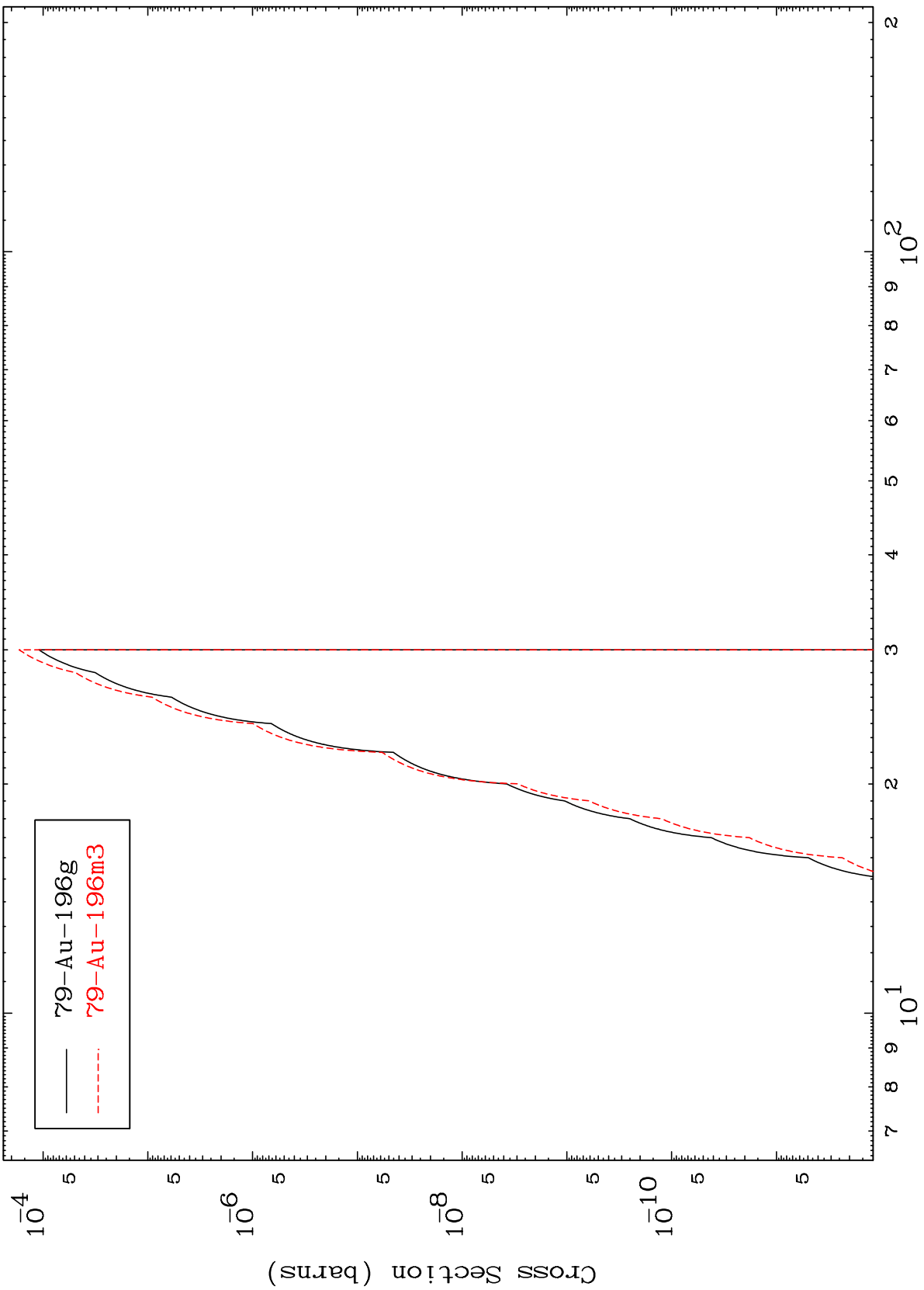
Incident Energy (MeV)

28

MAT 8028

80-Hg-197

(n,2p)
Radionuclide Production Cross Section



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

29

Incident Energy (MeV)

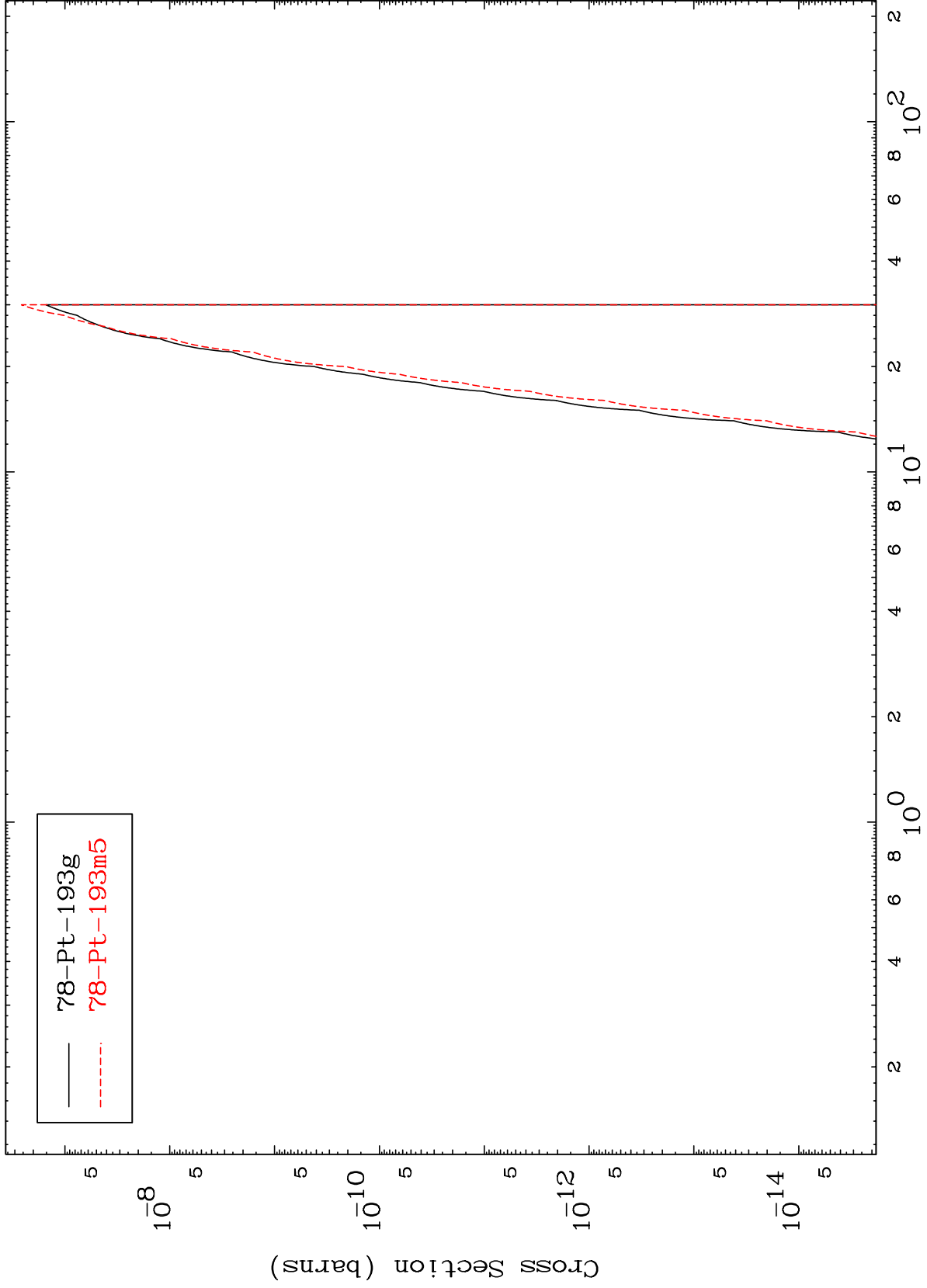
80-Hg-197

MAT 8028

(n,p) α

80-Hg-197

Radionuclide Production Cross Section

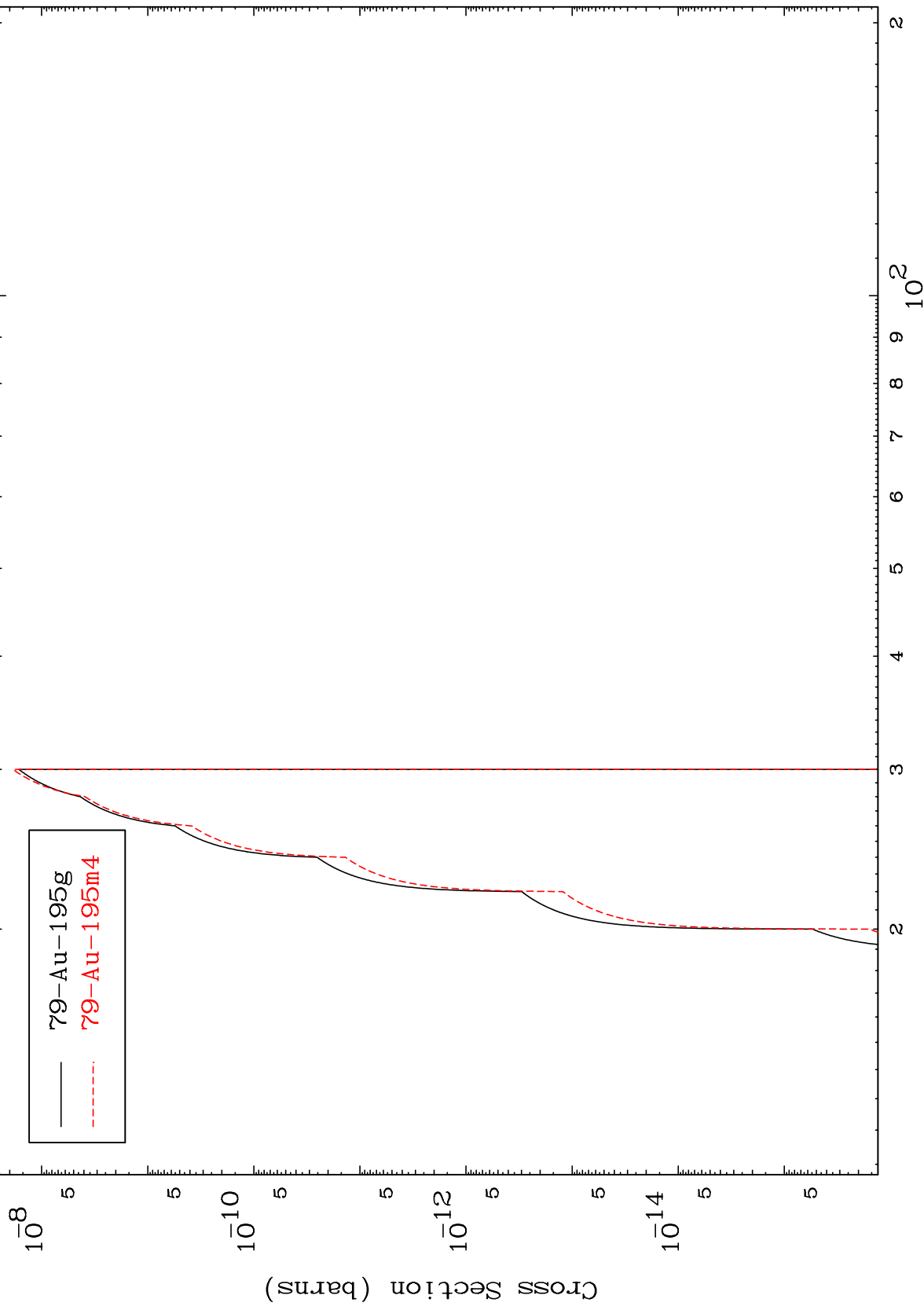


MAT 8028

(n,p) d

80-Hg-197

Radionuclide Production Cross Section



MAT 8028

(n,p) t

80-Hg-197

Radionuclide Production Cross Section

