

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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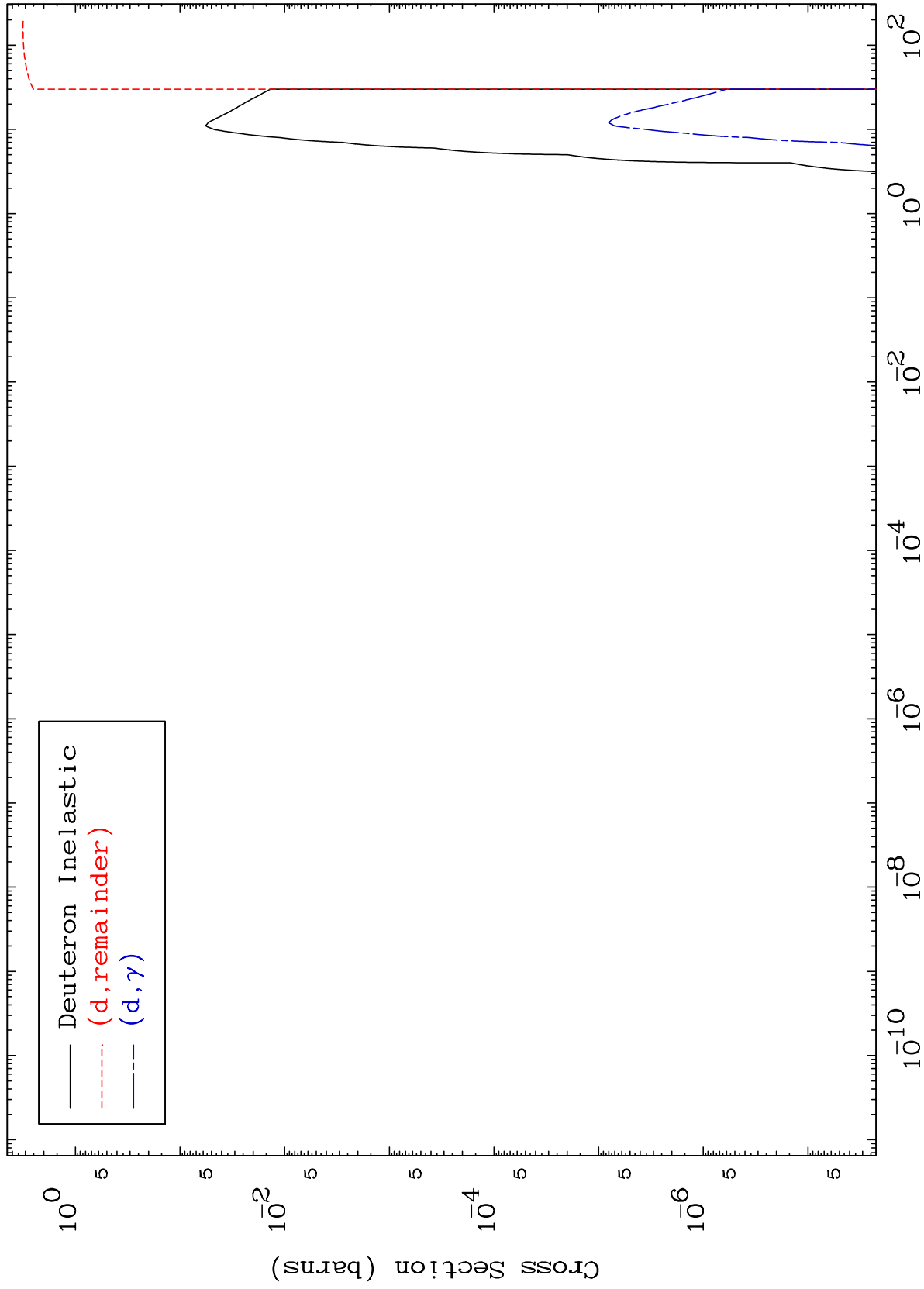
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8035

Deuteron Major  
0 Kelvin Cross Sections

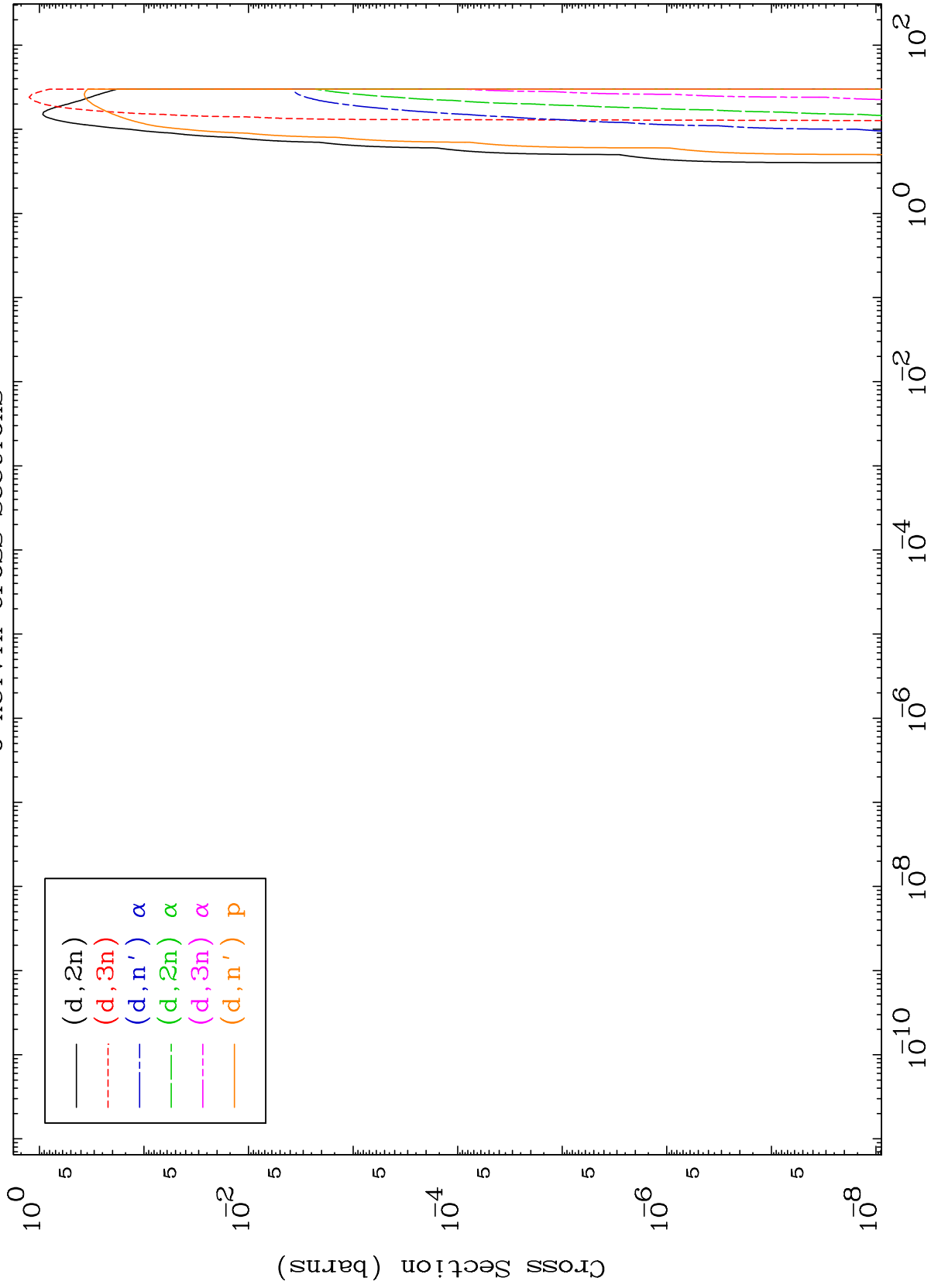
80-Hg-199



MAT 8035

Deuteron Neutron Production  
0 Kelvin Cross Sections

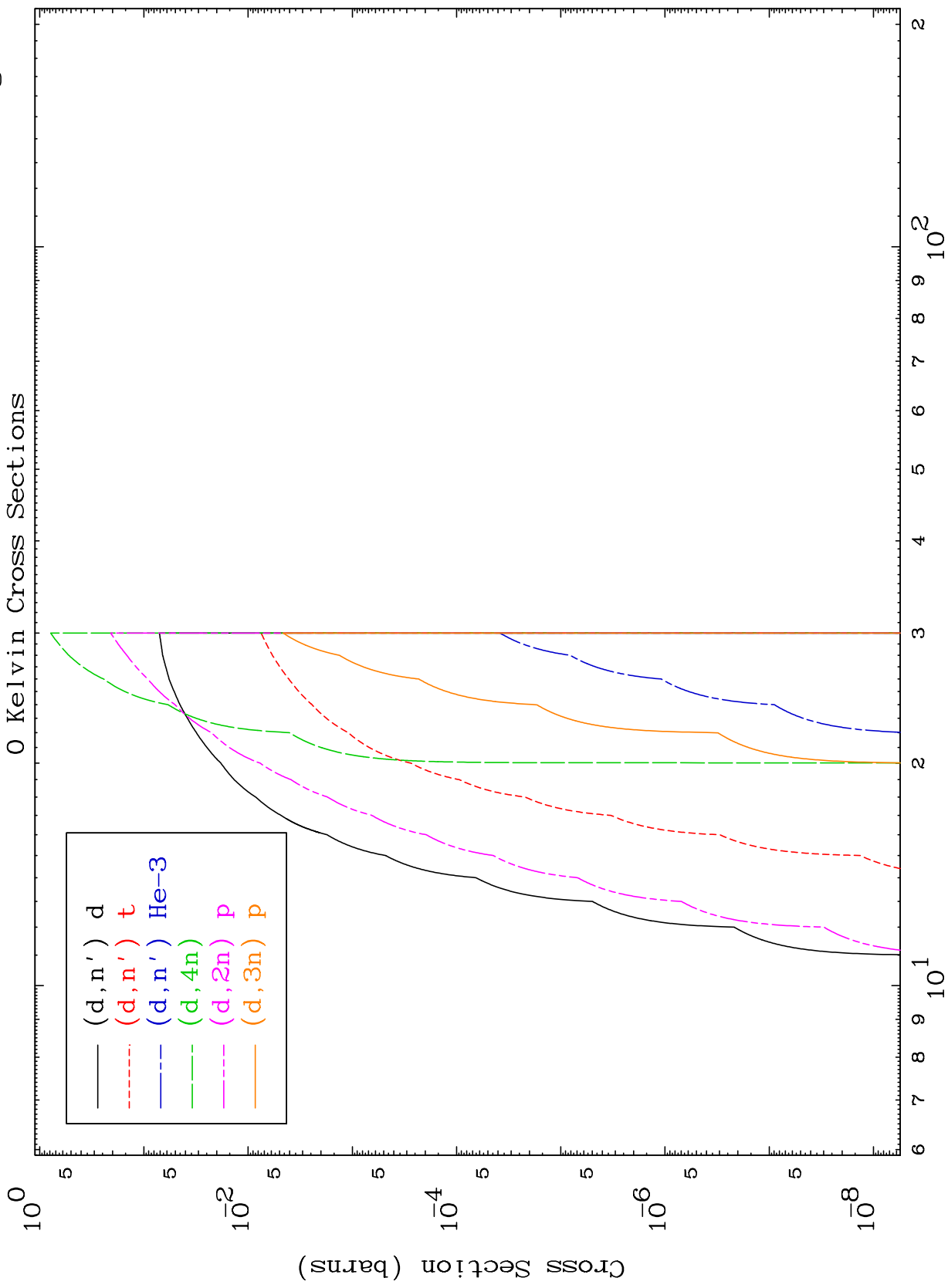
80-Hg-199



2

Incident Energy (MeV)

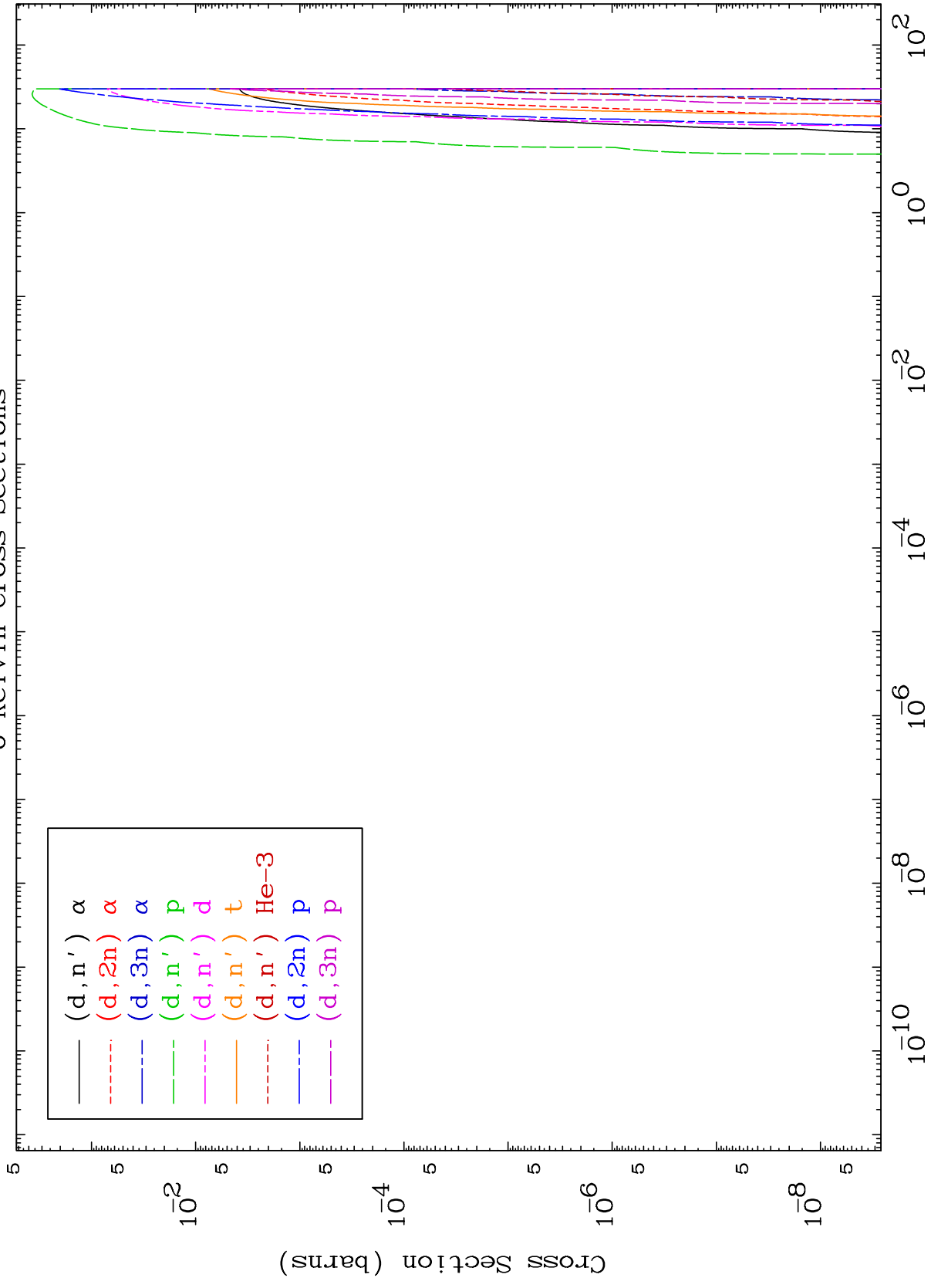
80-Hg-199



MAT 8035

Deuteron Charged Particle  
0 Kelvin Cross Sections

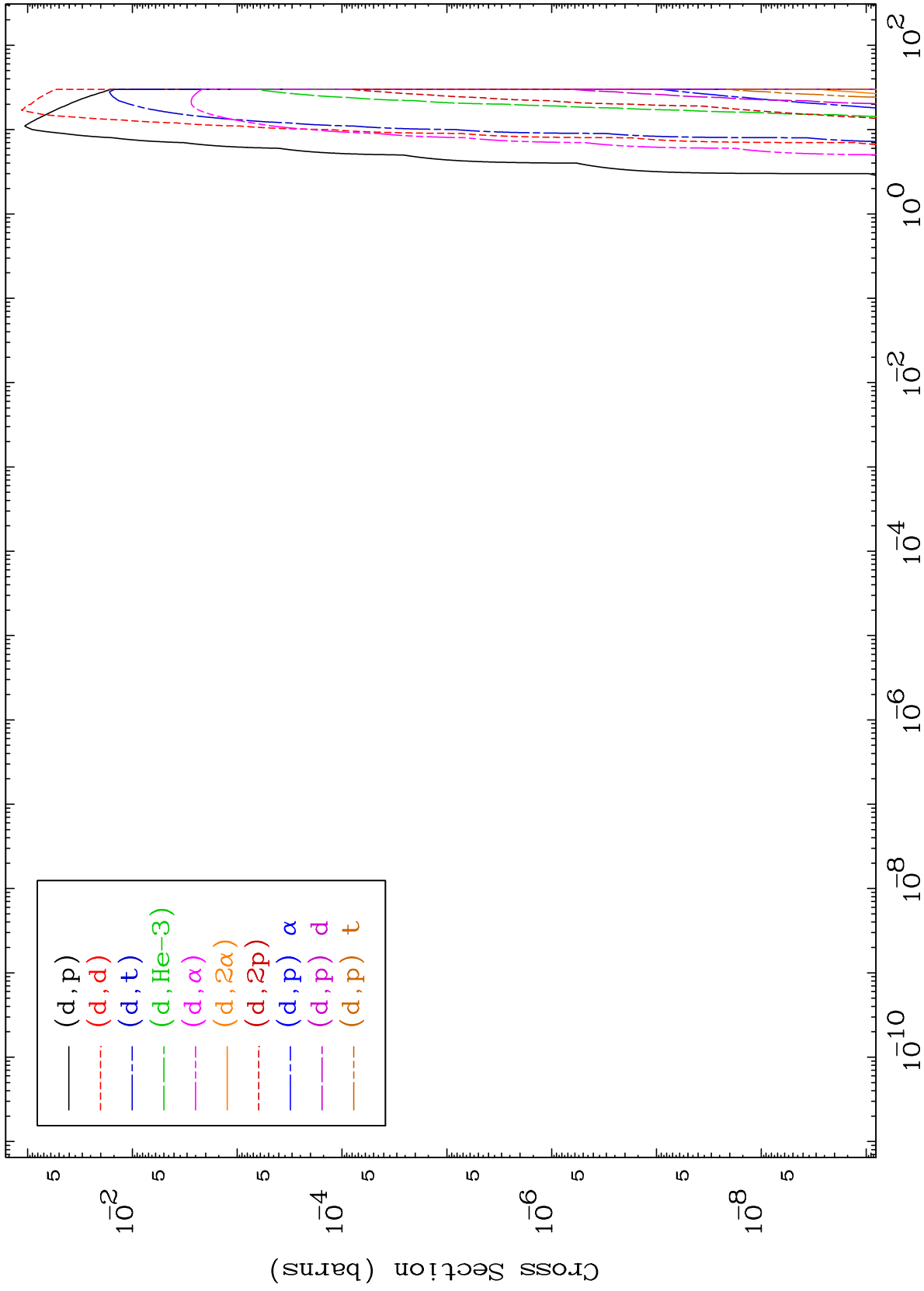
80-Hg-199



MAT 8035

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-199



5

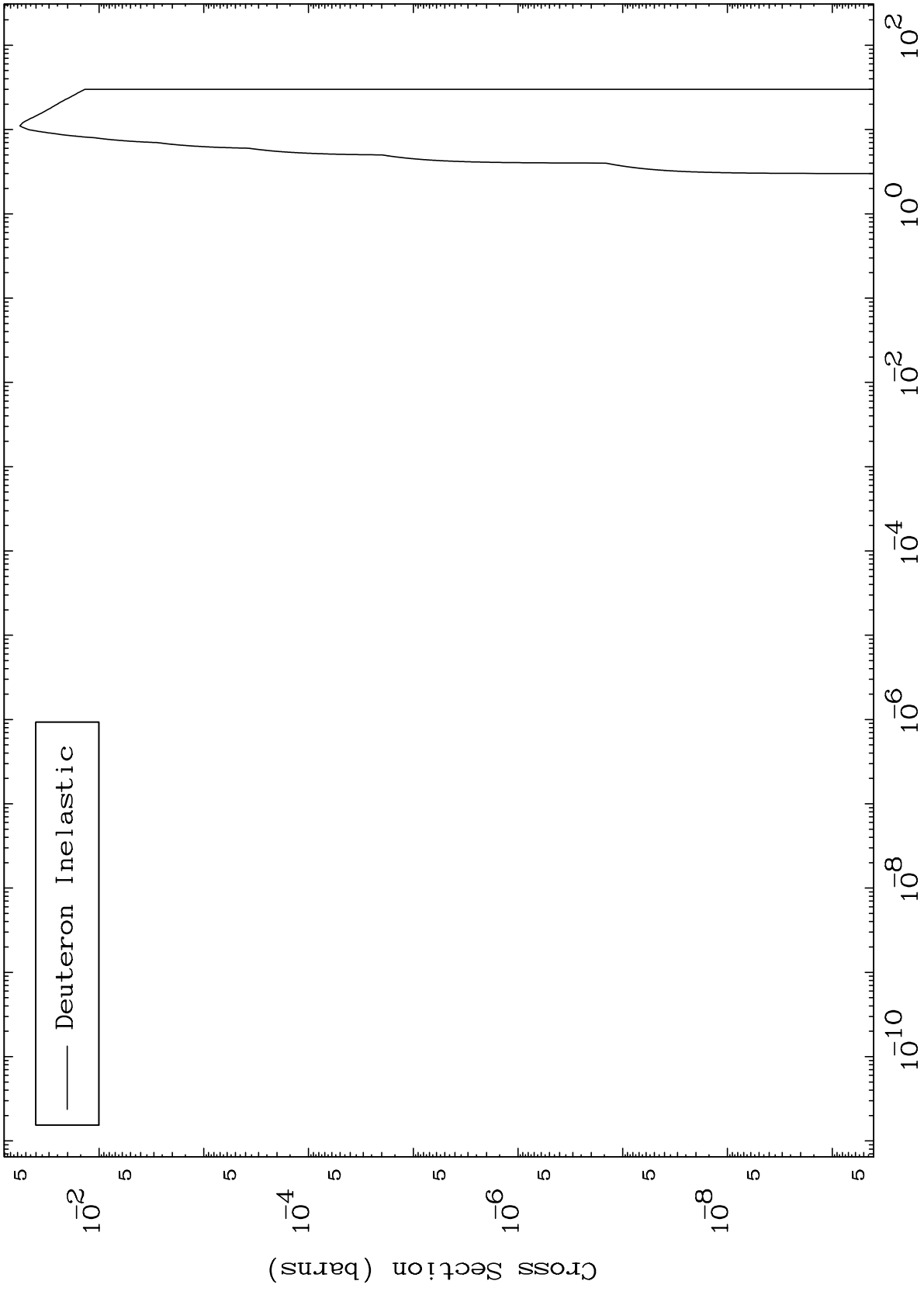
Incident Energy (MeV)

80-Hg-199

MAT 8035

(d,n') Level  
0 Kelvin Cross Sections

80-Hg-199

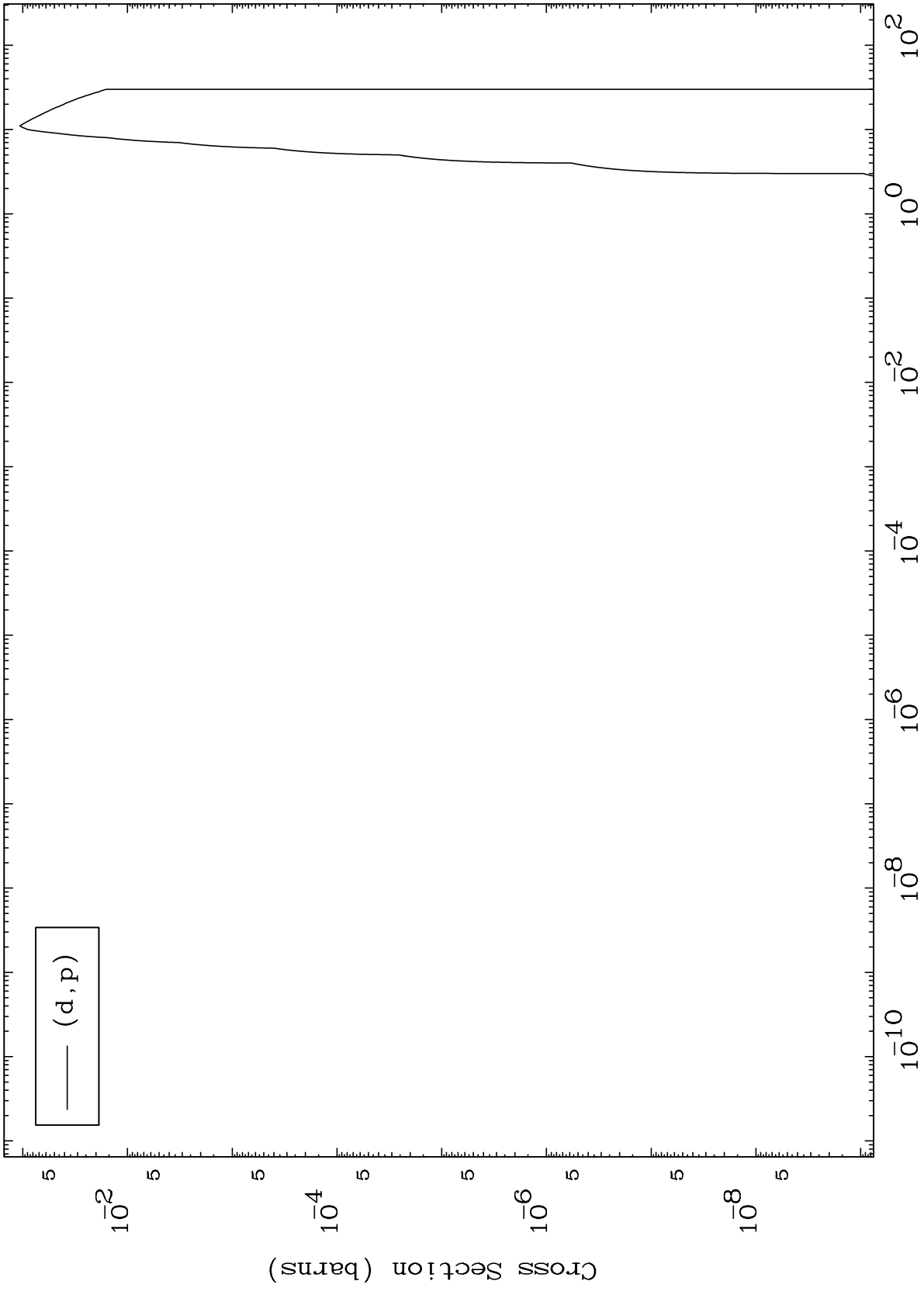


80-Hg-199

MAT 8035

(d,p) Levels  
0 Kelvin Cross Sections

80-Hg-199



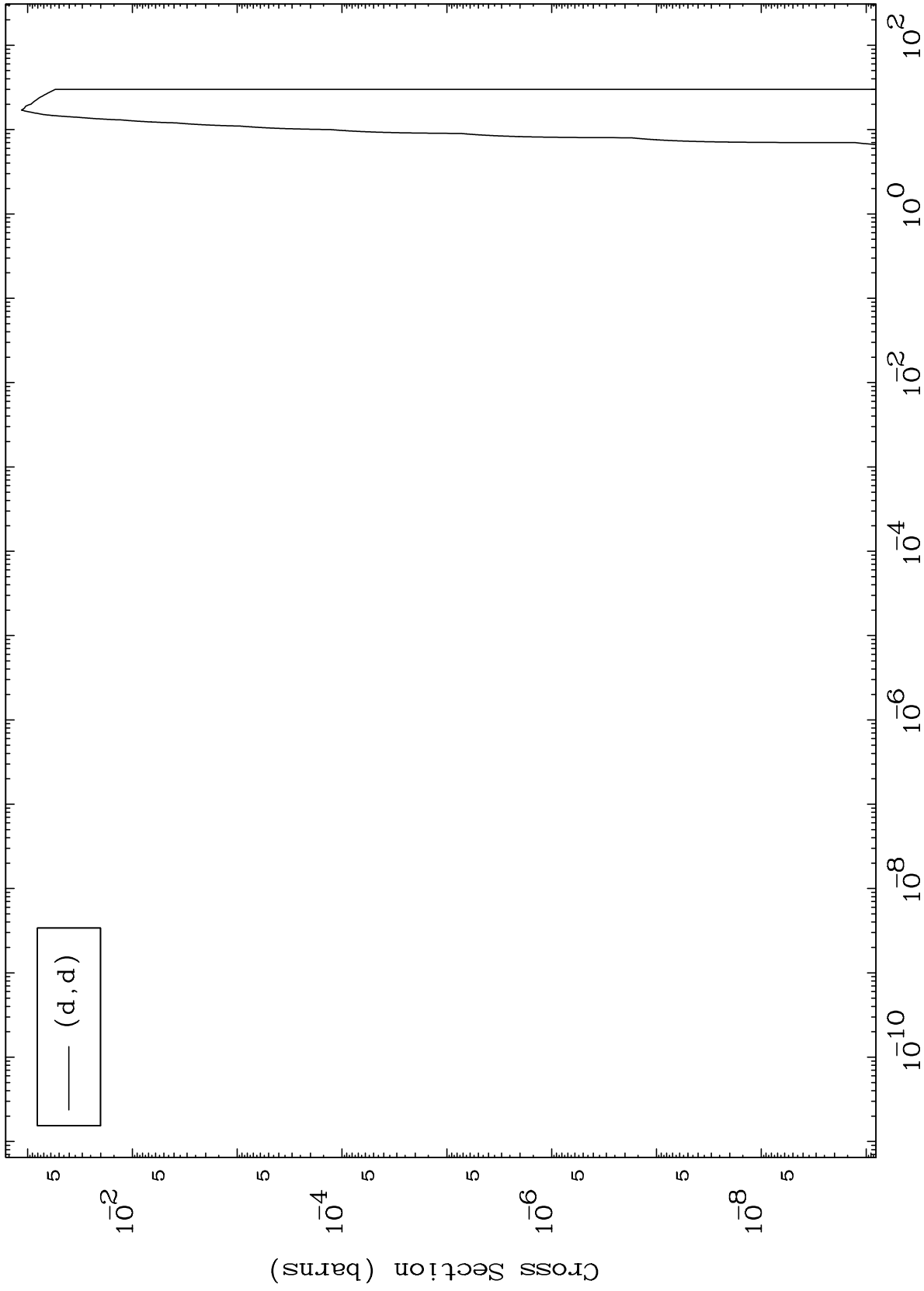
80-Hg-199

Incident Energy (MeV)

MAT 8035

(d,d) Levels  
0 Kelvin Cross Sections

80-Hg-199



8

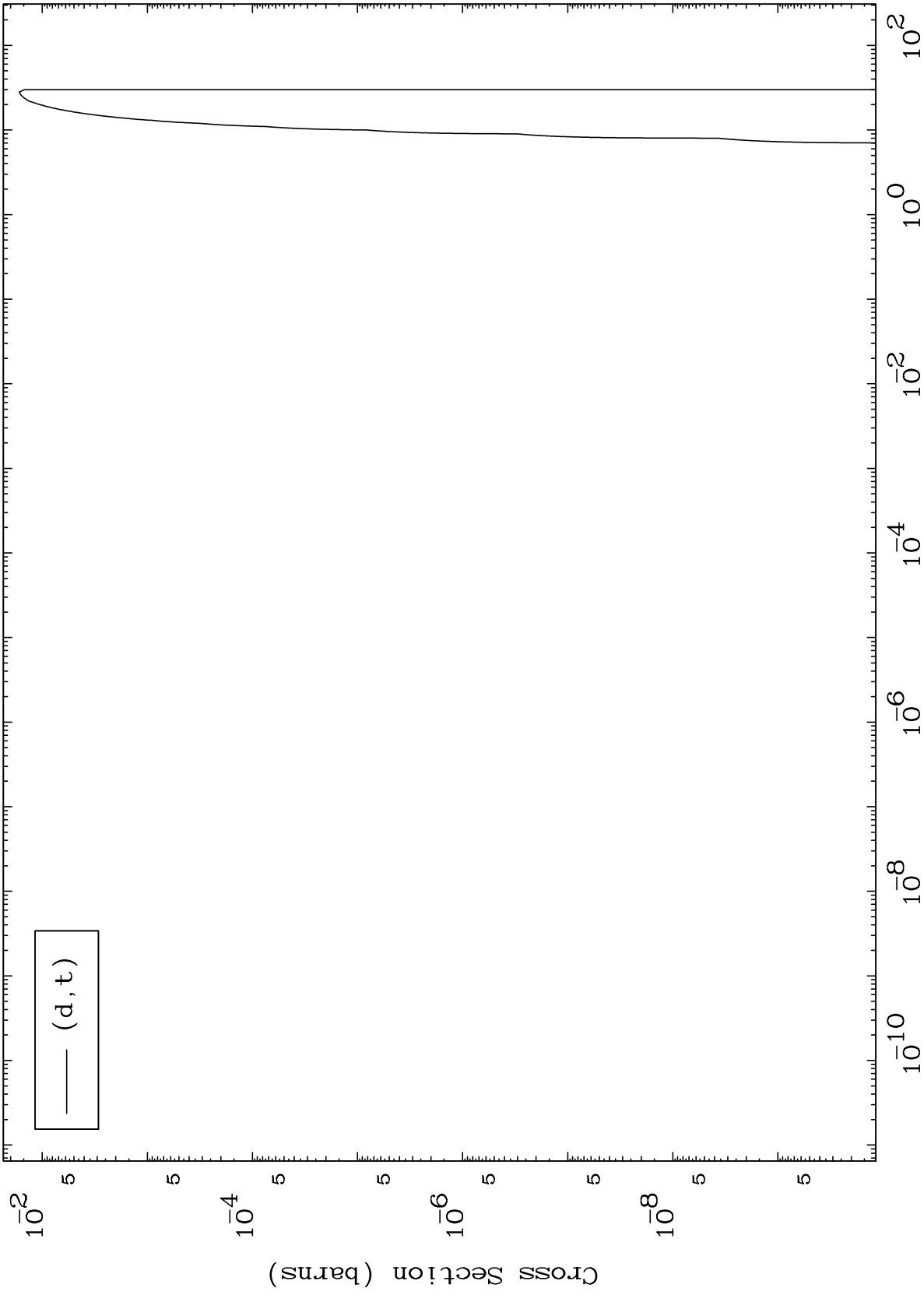
Incident Energy (MeV)

80-Hg-199

MAT 8035

(d,t) Levels  
0 Kelvin Cross Sections

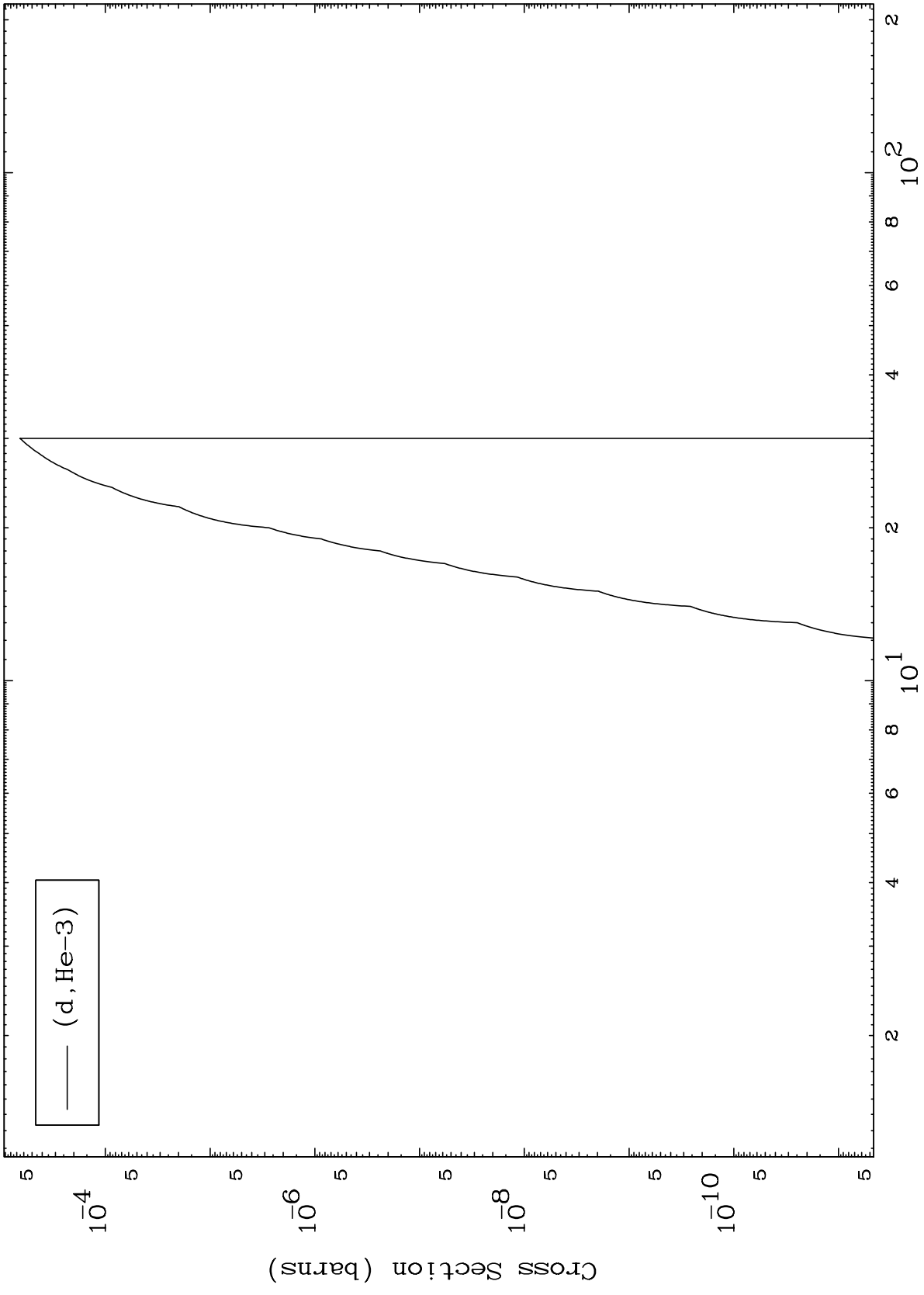
80-Hg-199



MAT 8035

(d,He3) Levels  
0 Kelvin Cross Sections

80-Hg-199



10

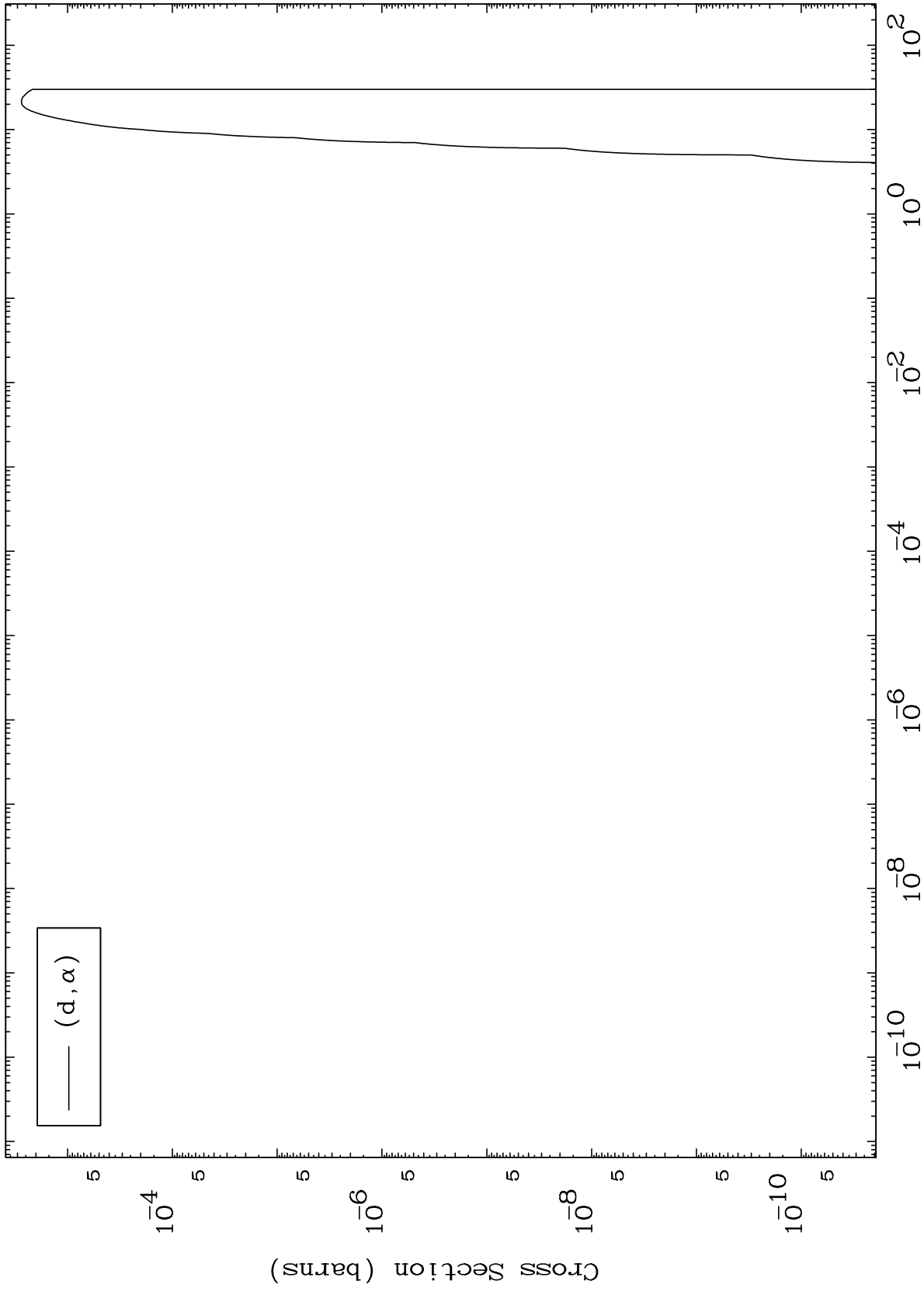
Incident Energy (MeV)

80-Hg-199

MAT 8035

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

80-Hg-199



11

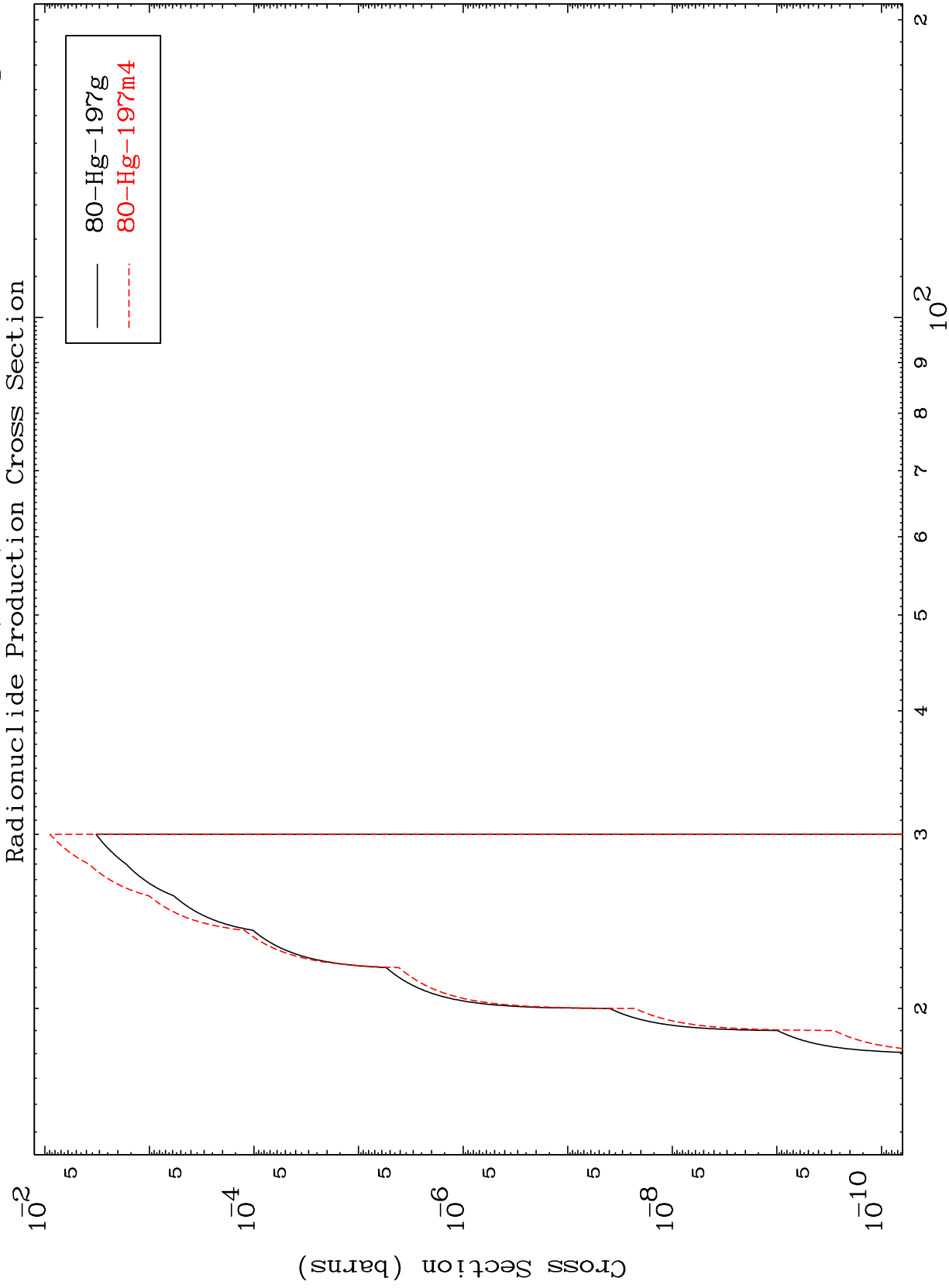
Incident Energy (MeV)

80-Hg-199

MAT 8035

(d,2n) d

80-Hg-199



12

Incident Energy (MeV)

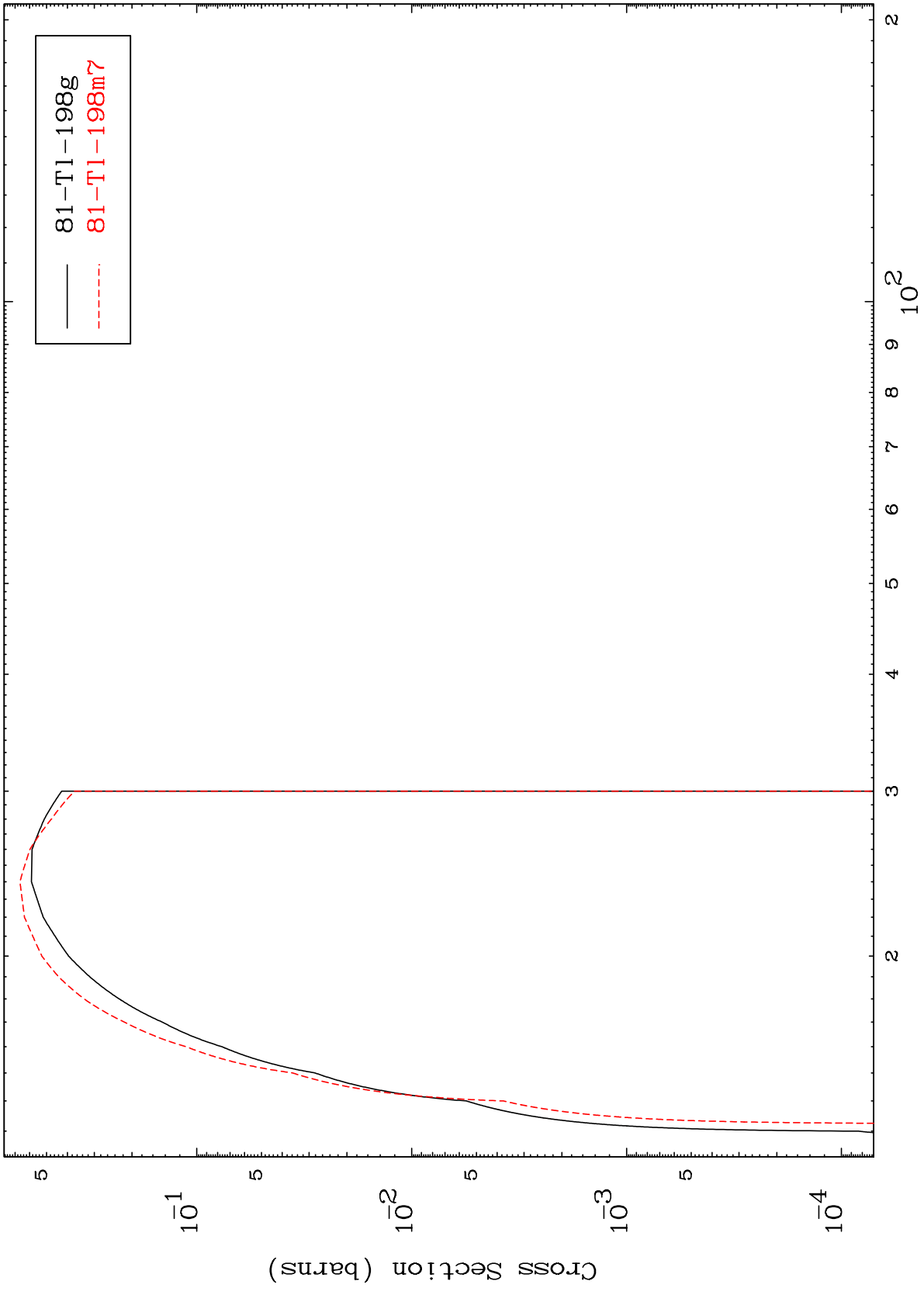
80-Hg-199

MAT 8035

(d,3n)

80-Hg-199

Radionuclide Production Cross Section



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

13

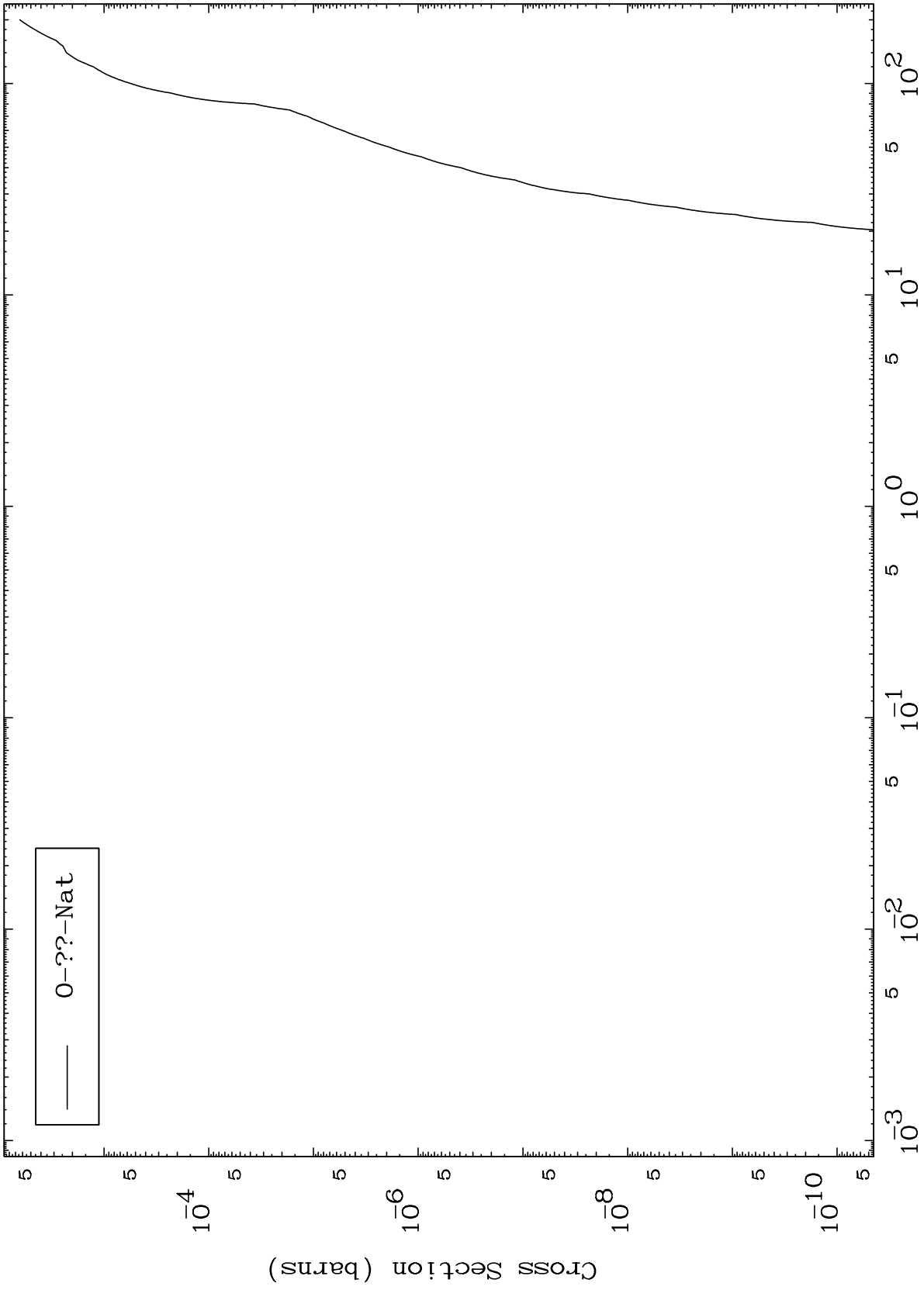
Incident Energy (MeV)

80-Hg-199

MAT 8035

Deuteron Fission  
Radionuclide Production Cross Section

80-Hg-199



14

Incident Energy (MeV)

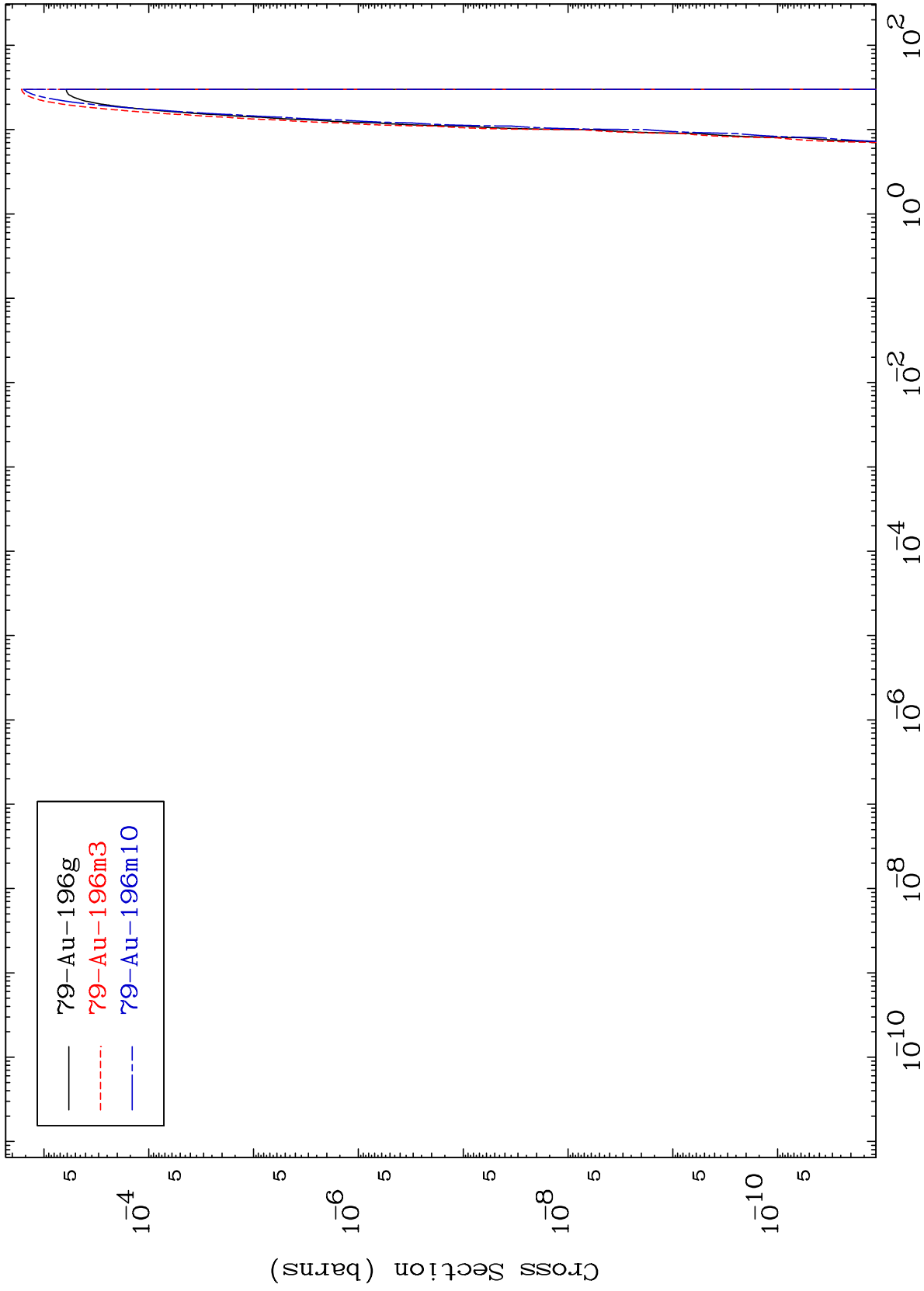
80-Hg-199

MAT 8035

(d,n')  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

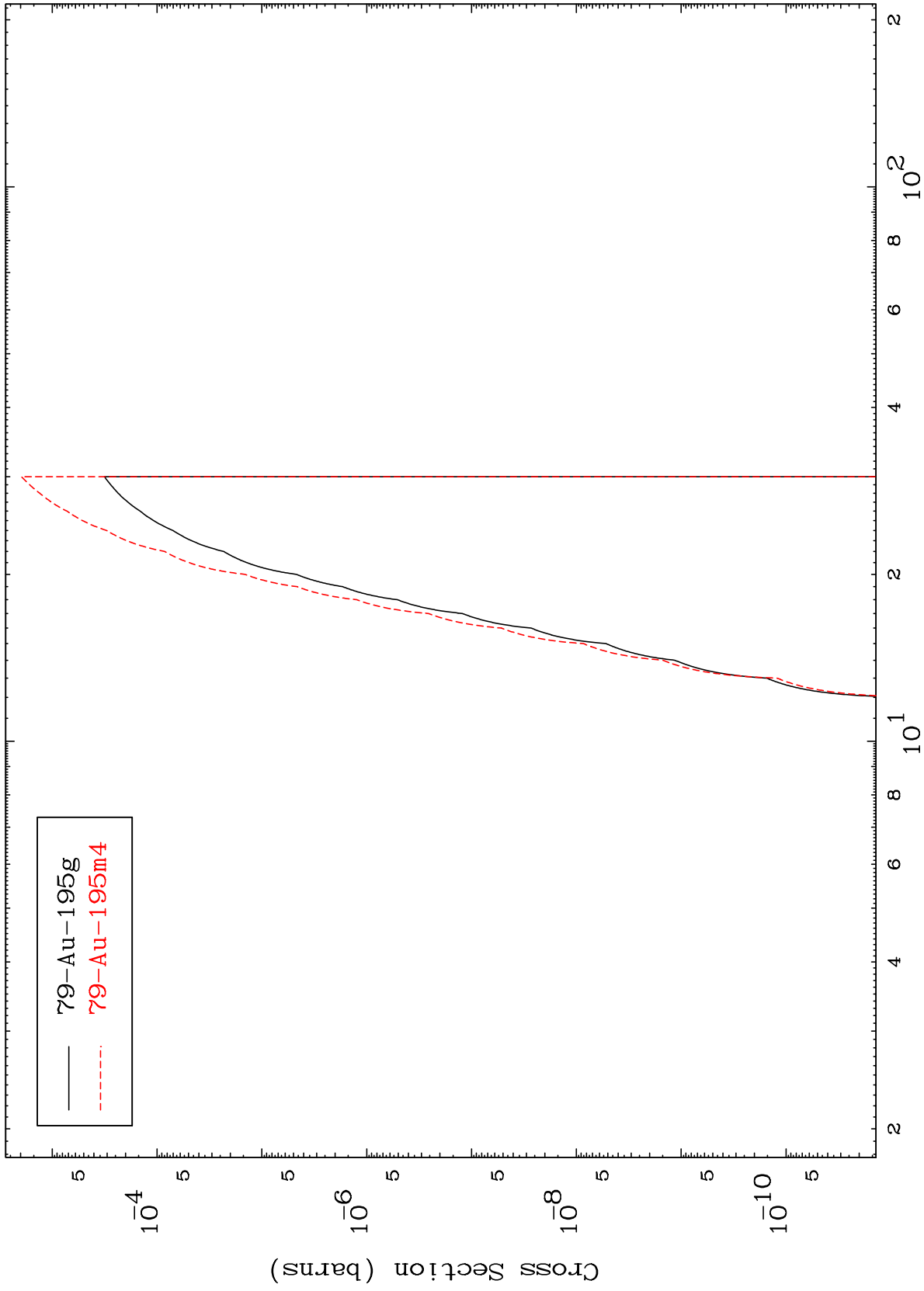
80-Hg-199

MAT 8035

(d,2n)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

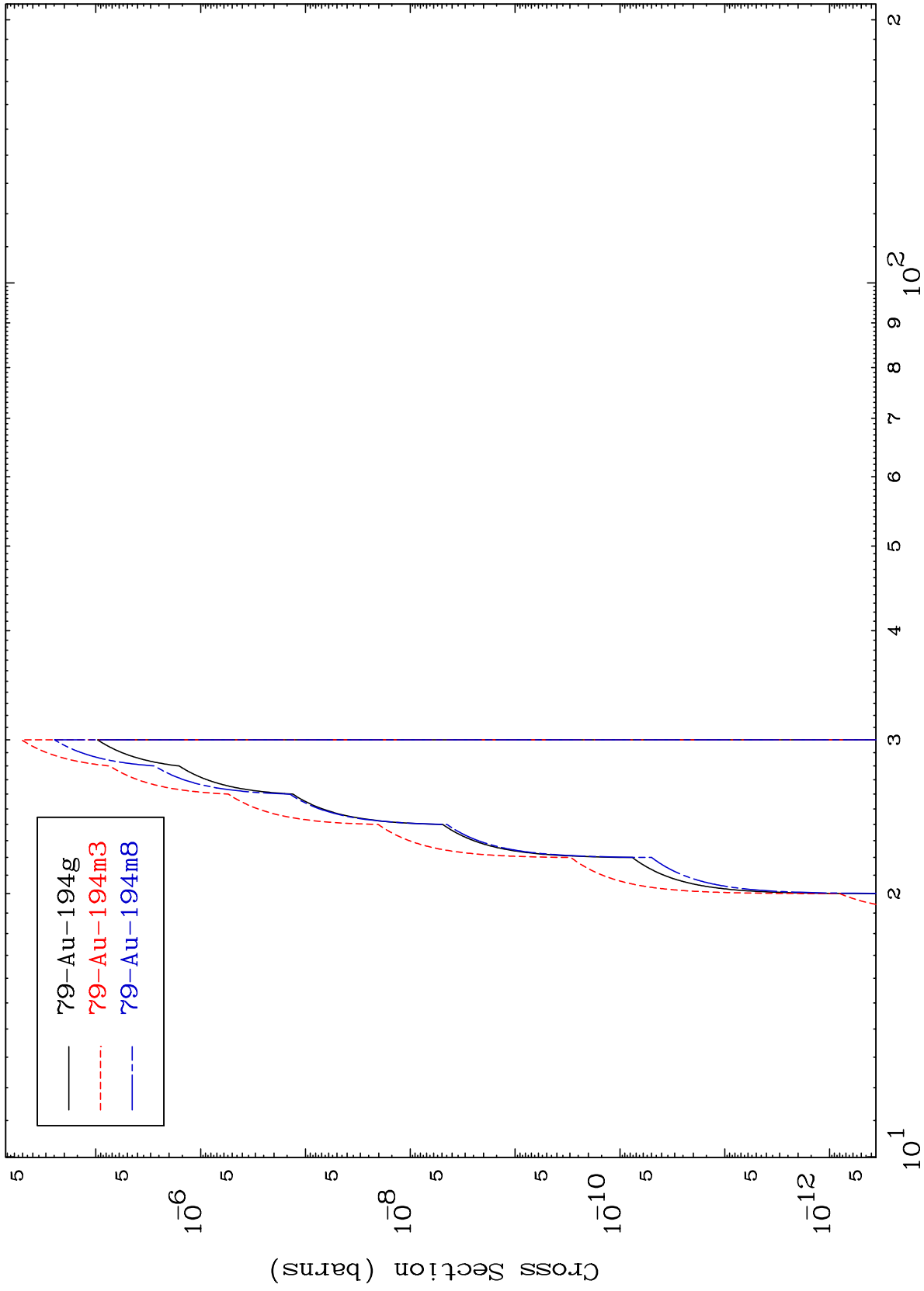
80-Hg-199

MAT 8035

(d,3n)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section

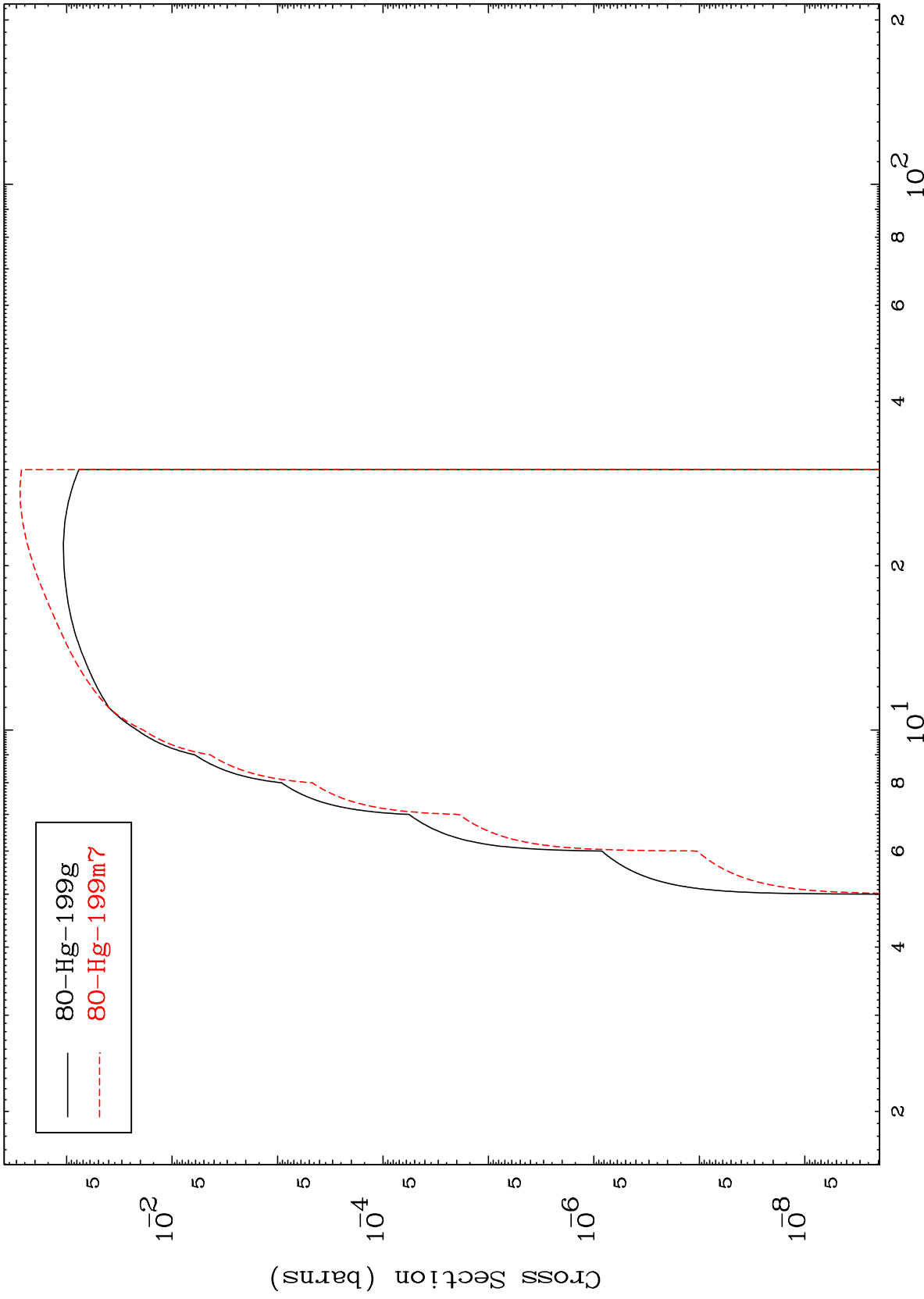


MAT 8035

(d,n') p

80-Hg-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

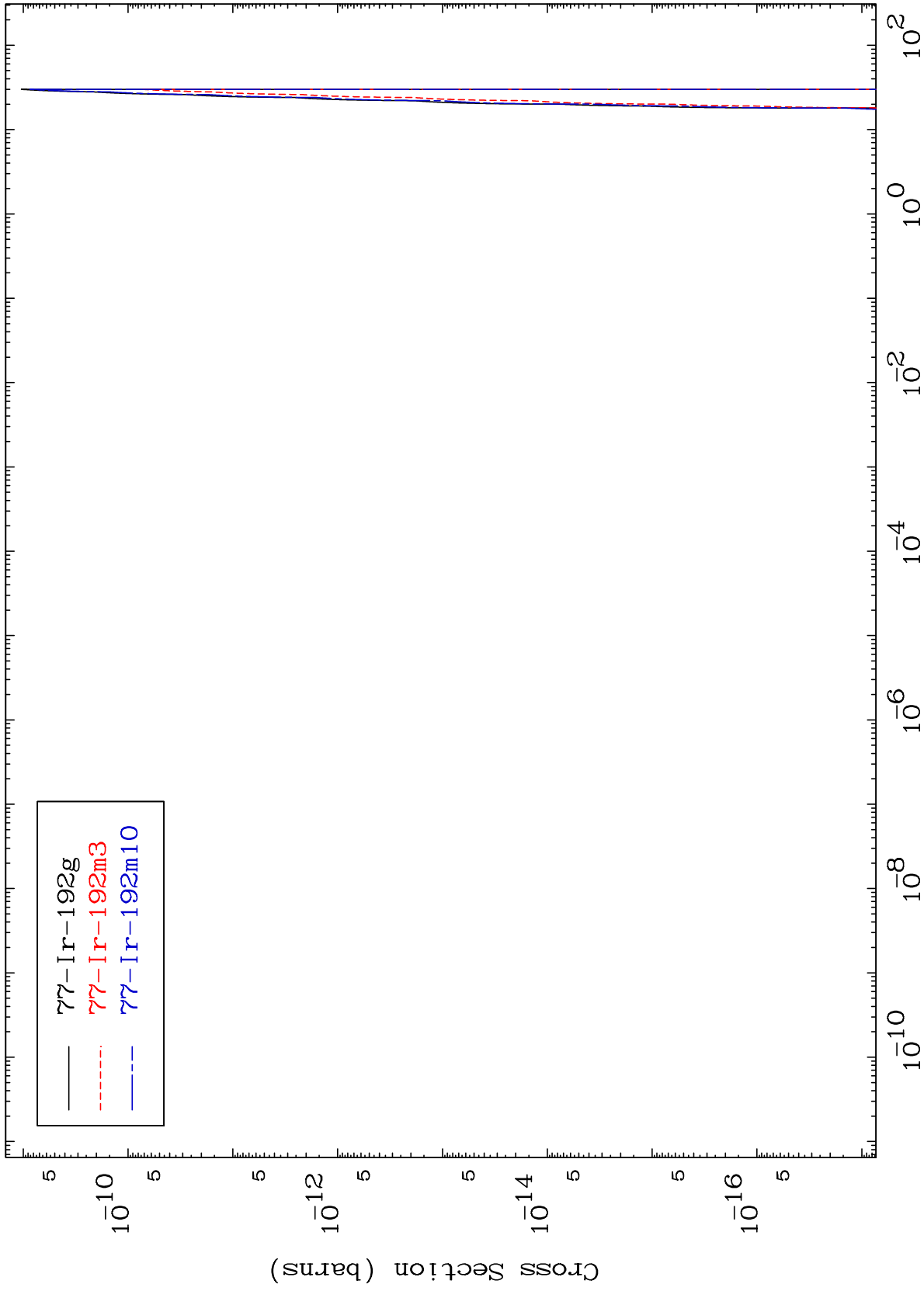
80-Hg-199

MAT 8035

(d,n') 2 $\alpha$

80-Hg-199

Radionuclide Production Cross Section

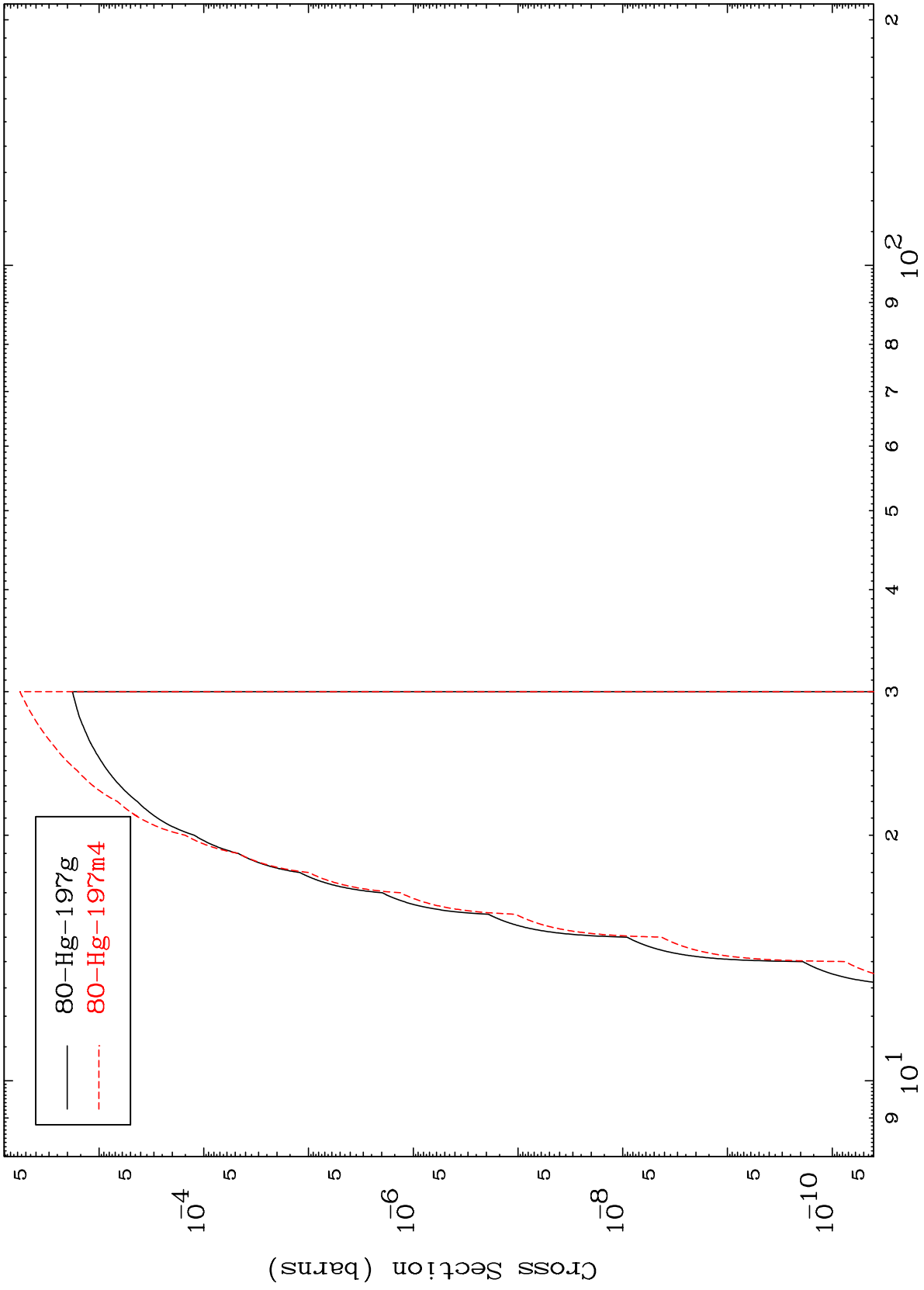


MAT 8035

(d,n') t

80-Hg-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

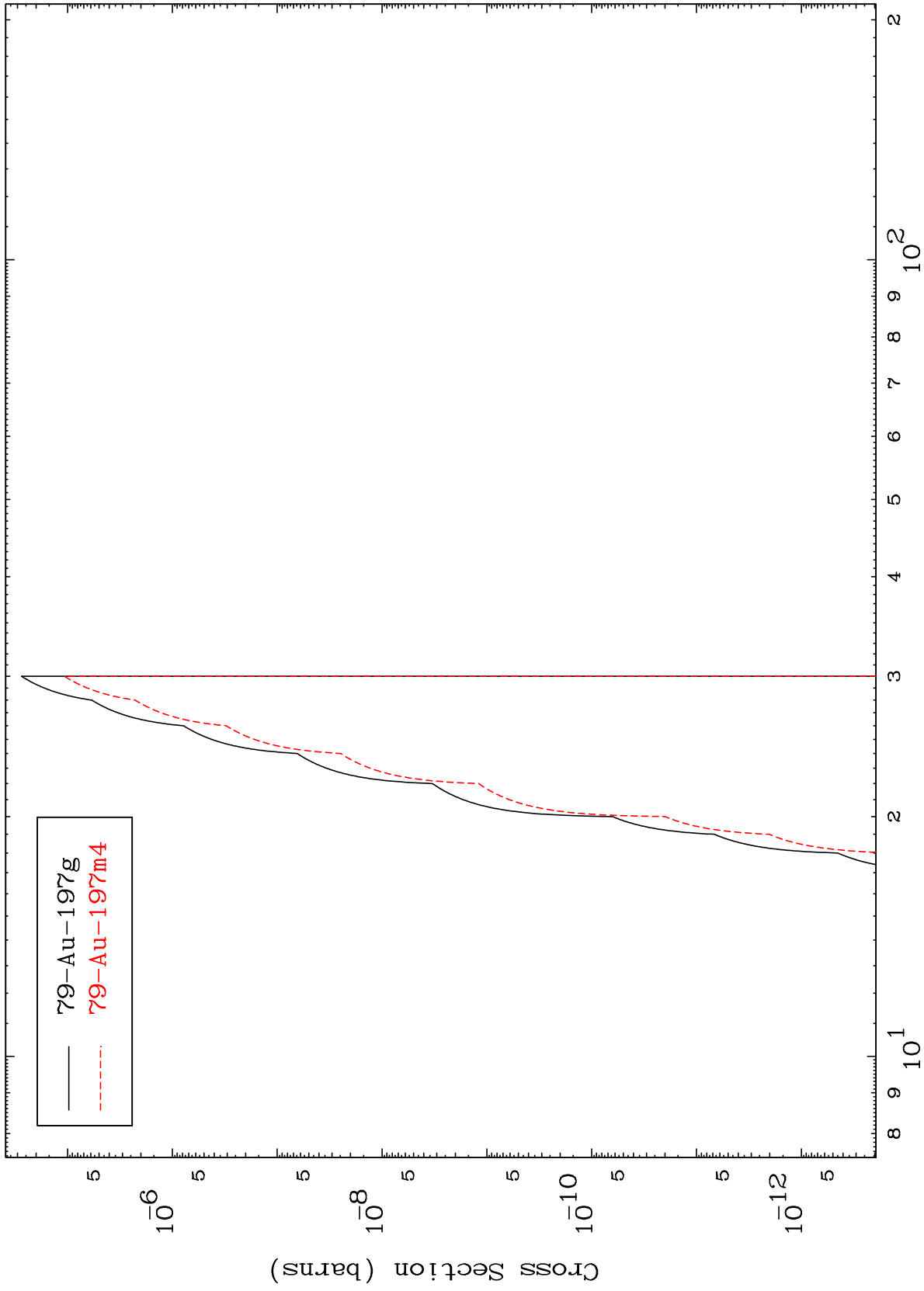
80-Hg-199

MAT 8035

(d, n') He-3

80-Hg-199

Radionuclide Production Cross Section



21

Incident Energy (MeV)

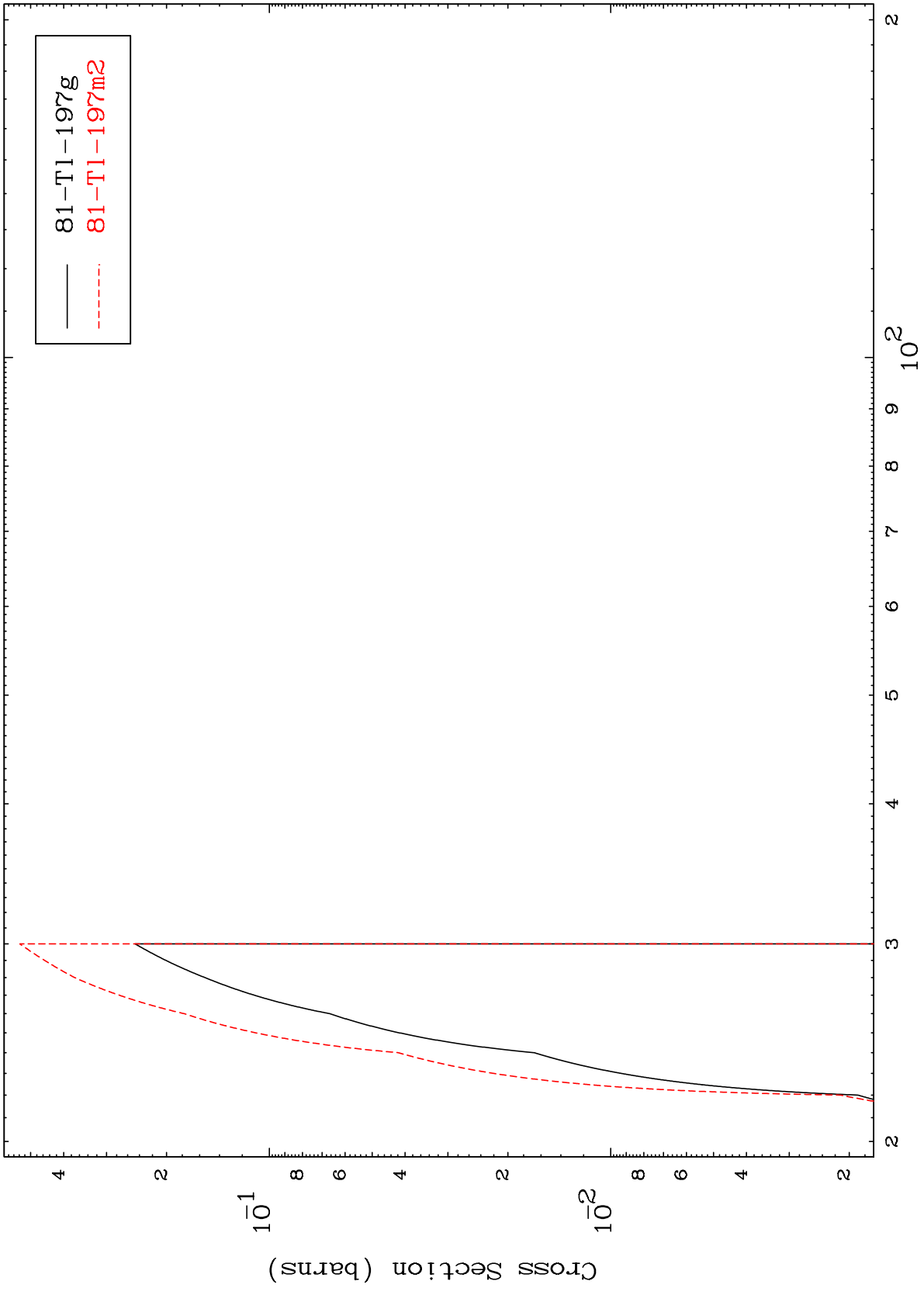
80-Hg-199

MAT 8035

(d,4n)

80-Hg-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

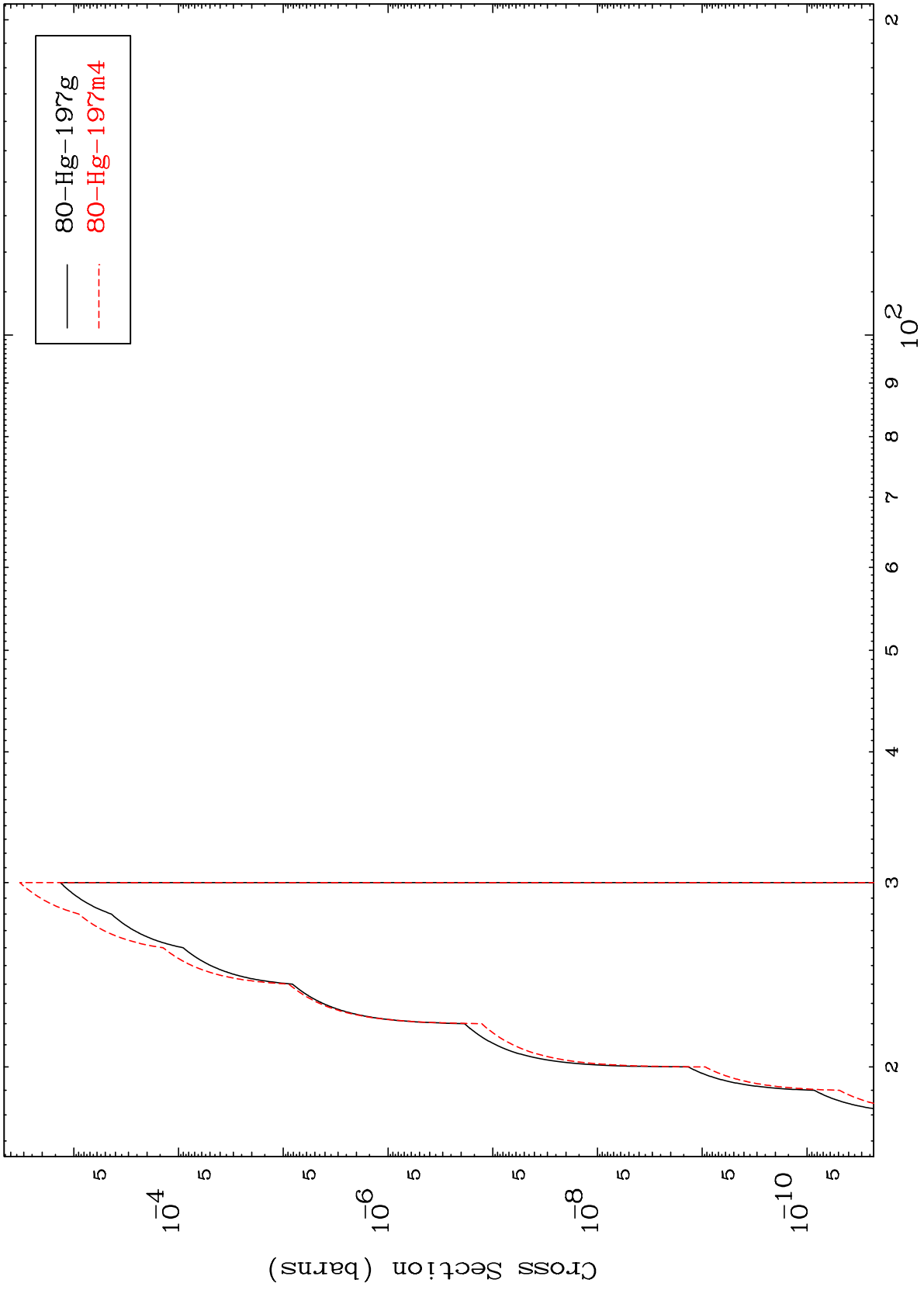
80-Hg-199

MAT 8035

(d,3n) p

80-Hg-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

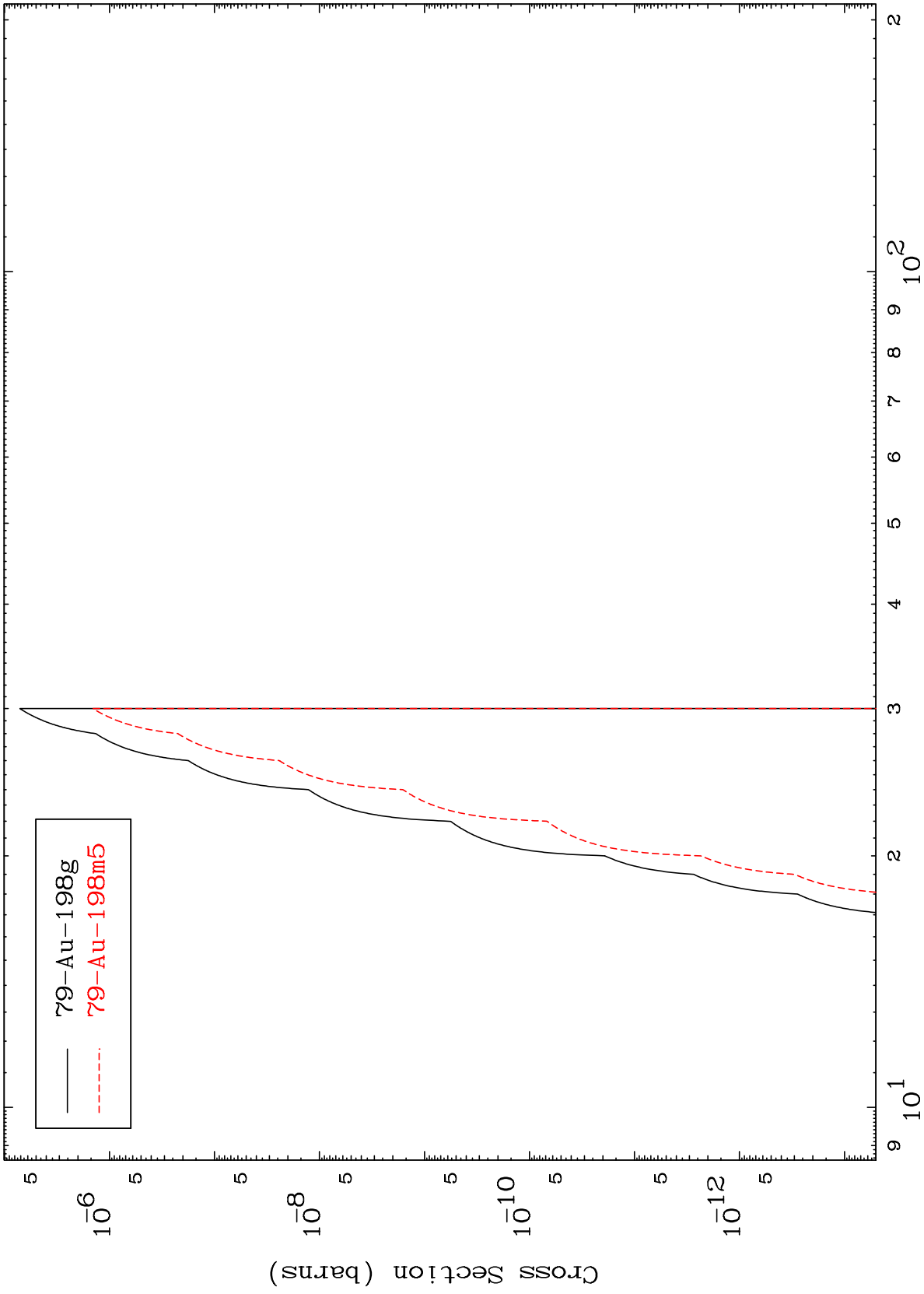
80-Hg-199

MAT 8035

(d,2n) p

80-Hg-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

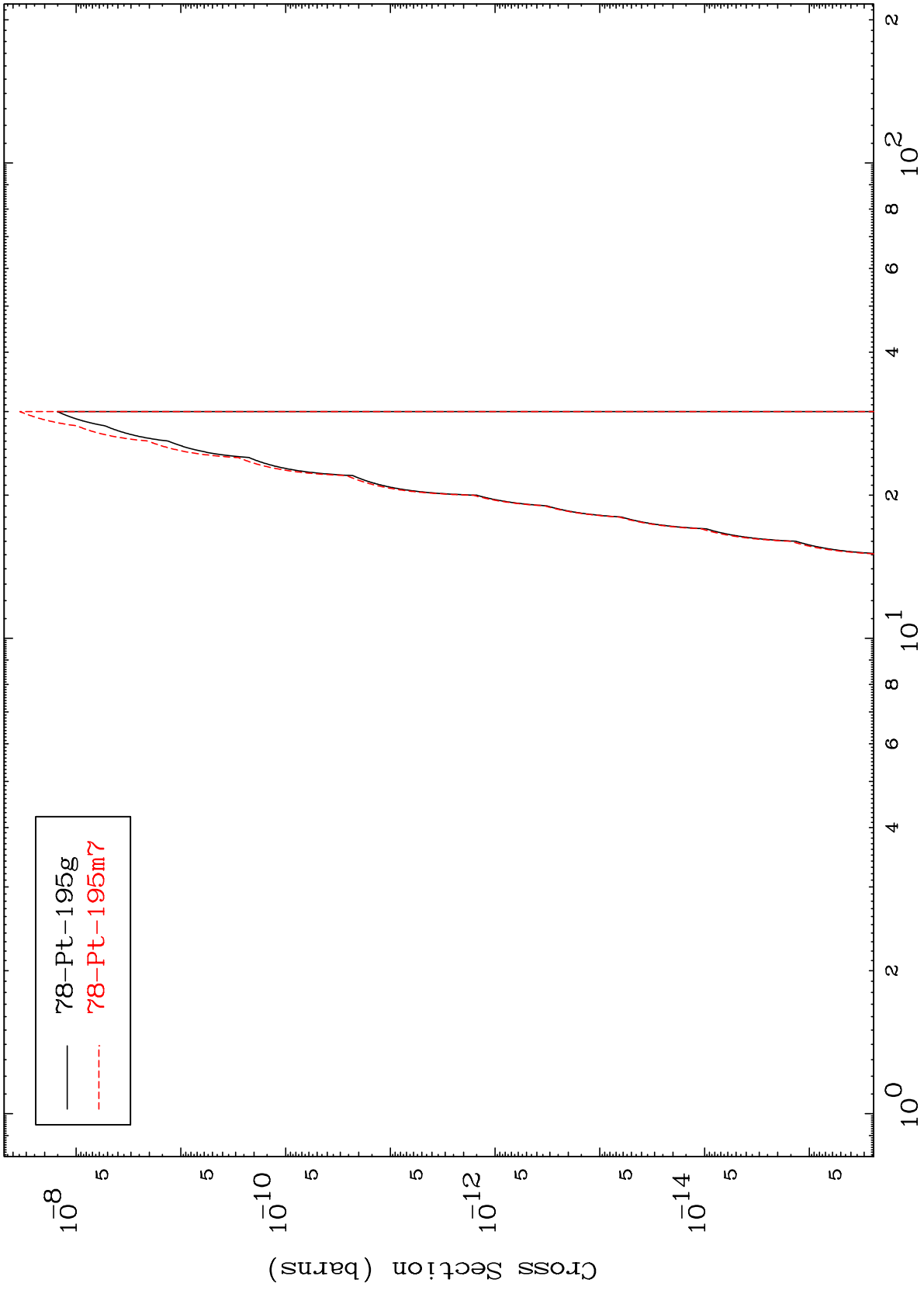
80-Hg-199

MAT 8035

(d,n') p  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

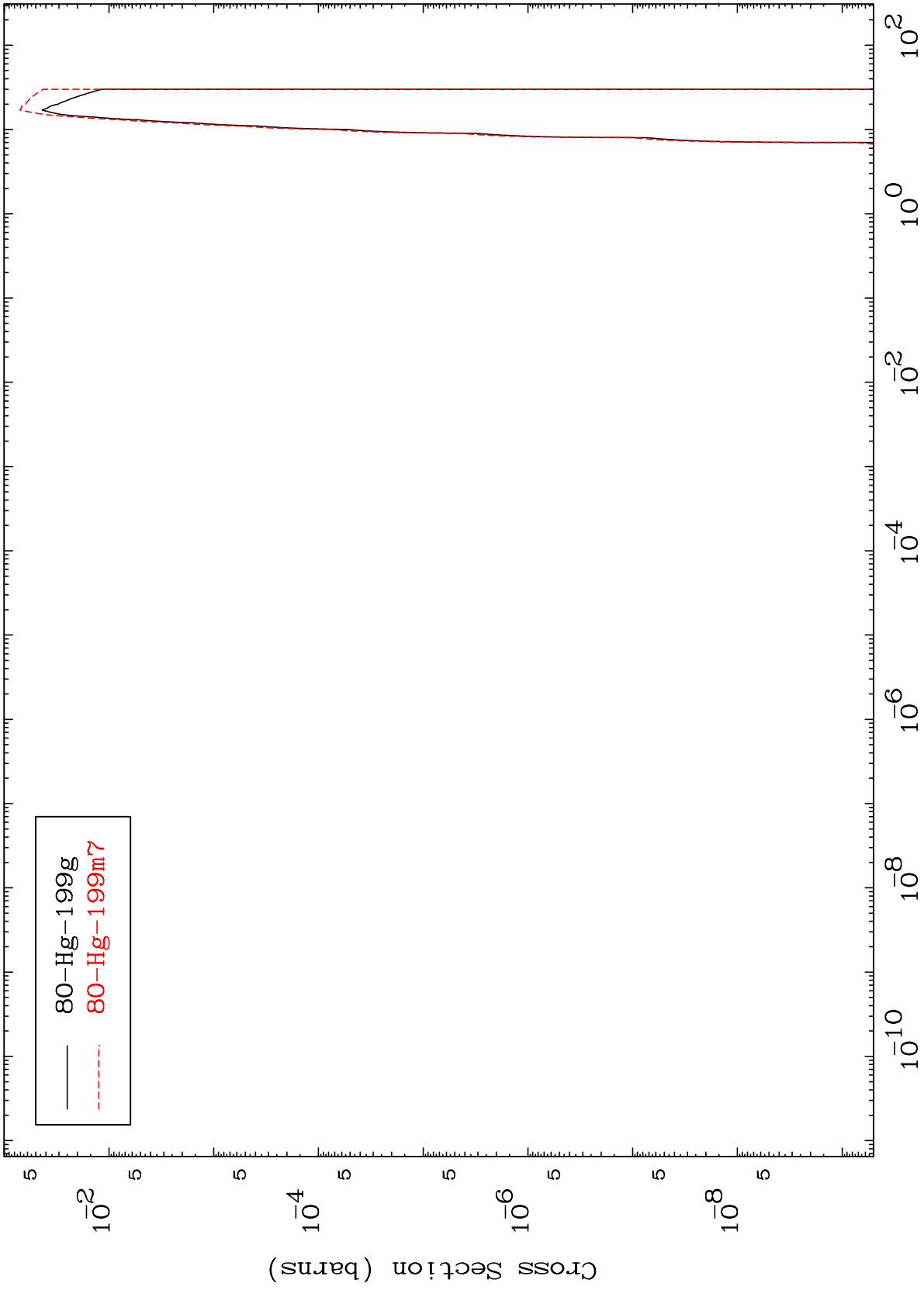
80-Hg-199

MAT 8035

(d,d)

80-Hg-199

Radionuclide Production Cross Section



26

Incident Energy (MeV)

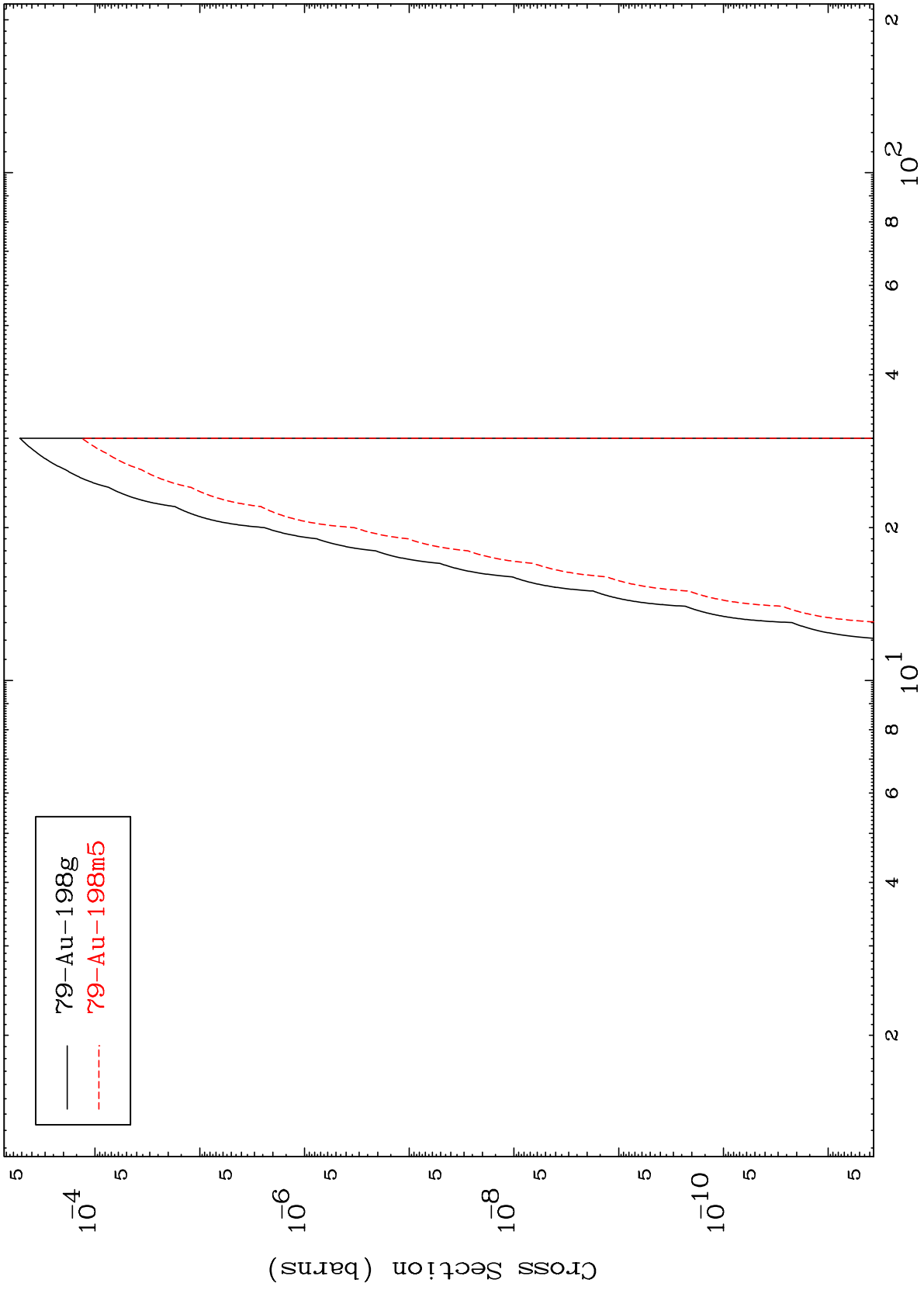
80-Hg-199

MAT 8035

(d, He-3)

80-Hg-199

Radionuclide Production Cross Section



27

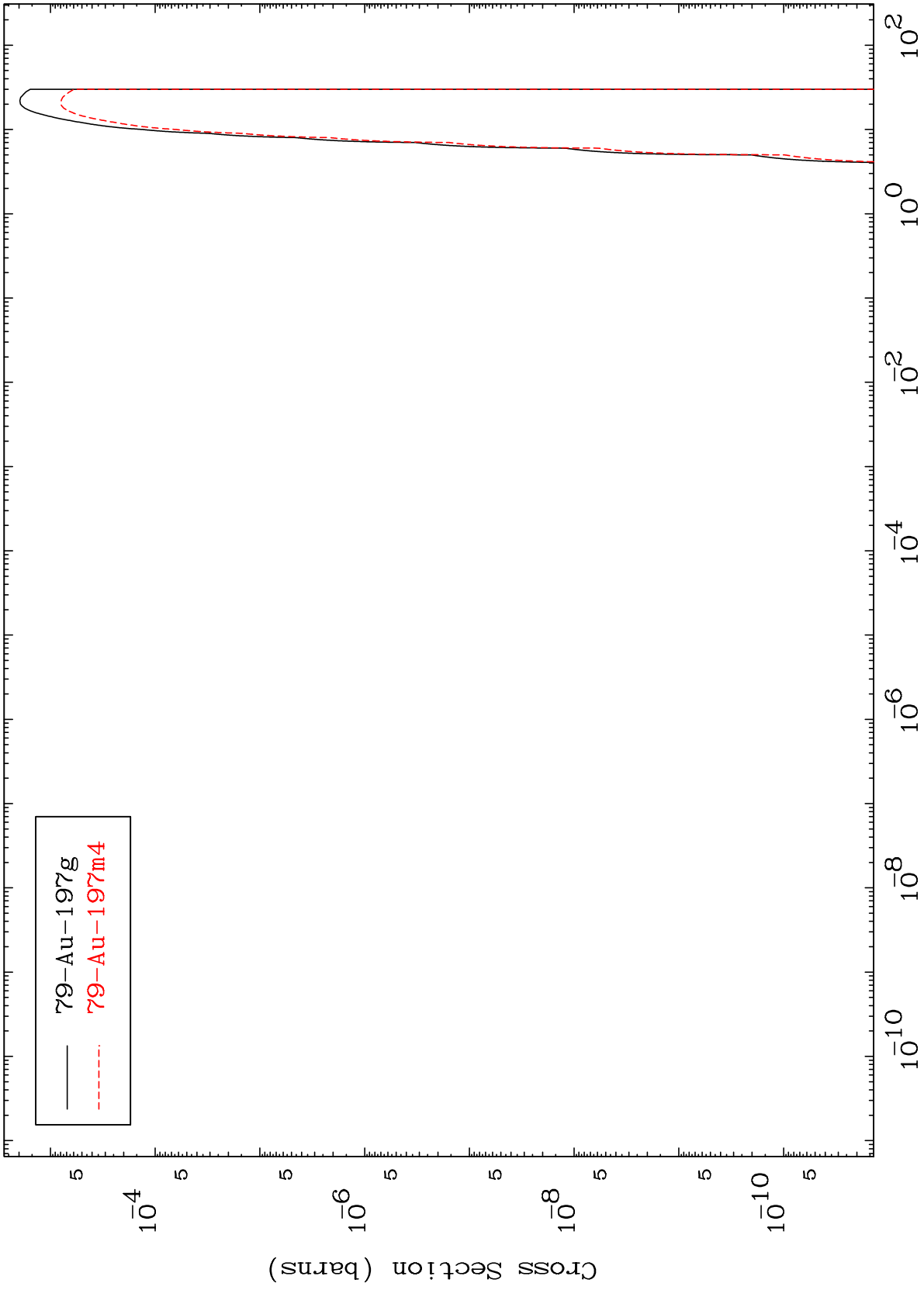
Incident Energy (MeV)

80-Hg-199

MAT 8035

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

80-Hg-199

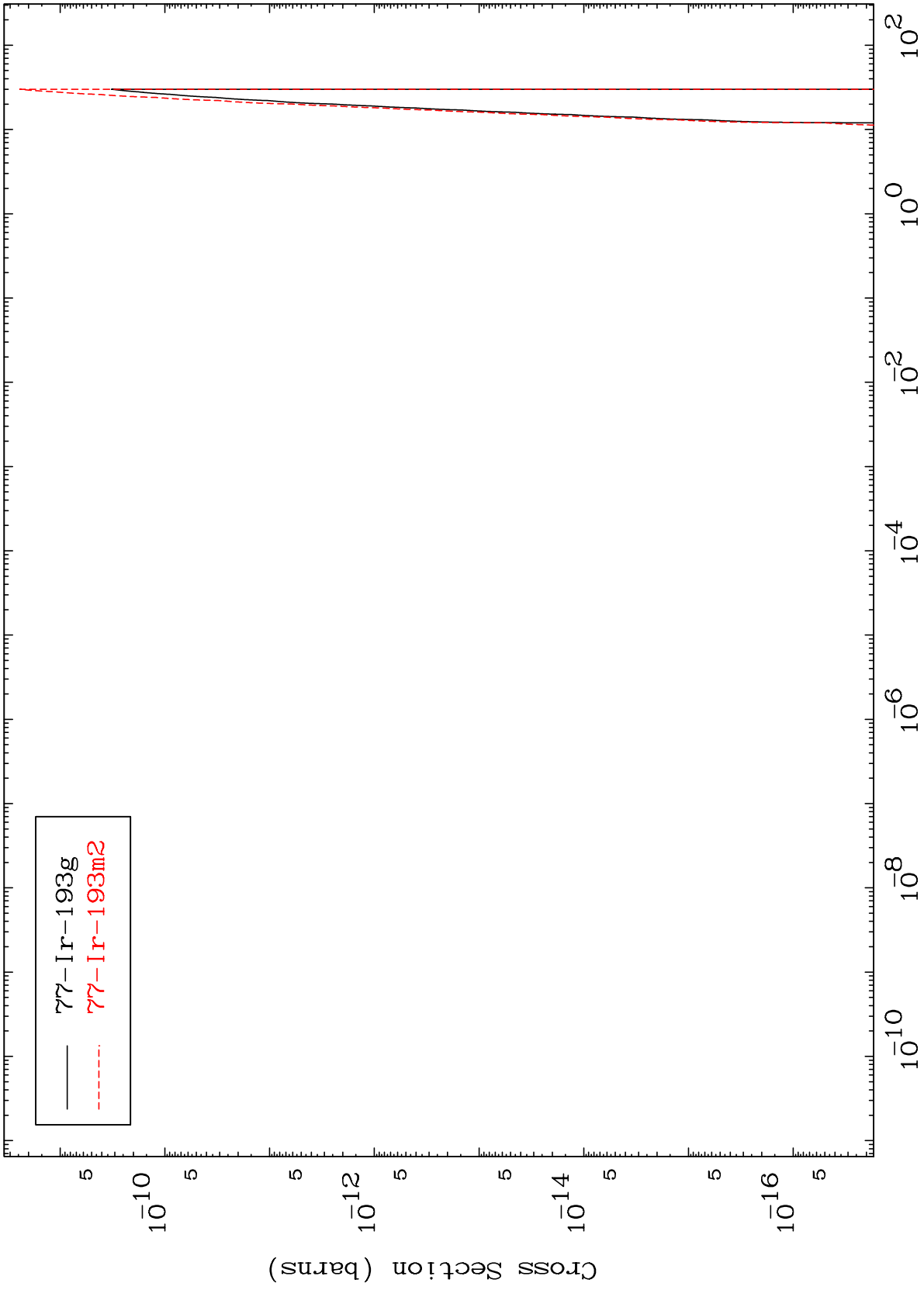


80-Hg-199

MAT 8035

Radionuclide Production Cross Section  
(d,2α)

80-Hg-199



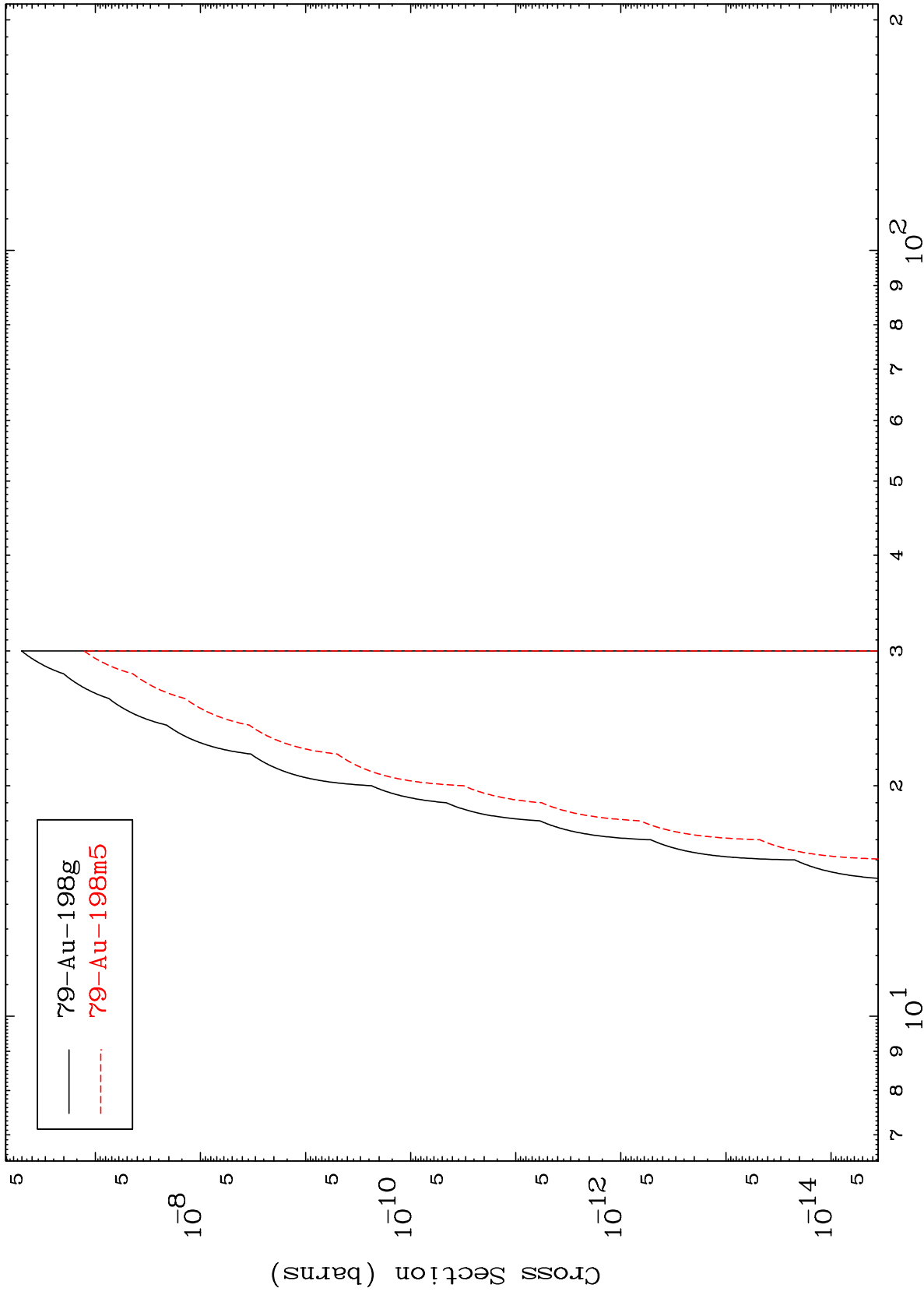
80-Hg-199

MAT 8035

(d,p) d

80-Hg-199

Radionuclide Production Cross Section



30

Incident Energy (MeV)

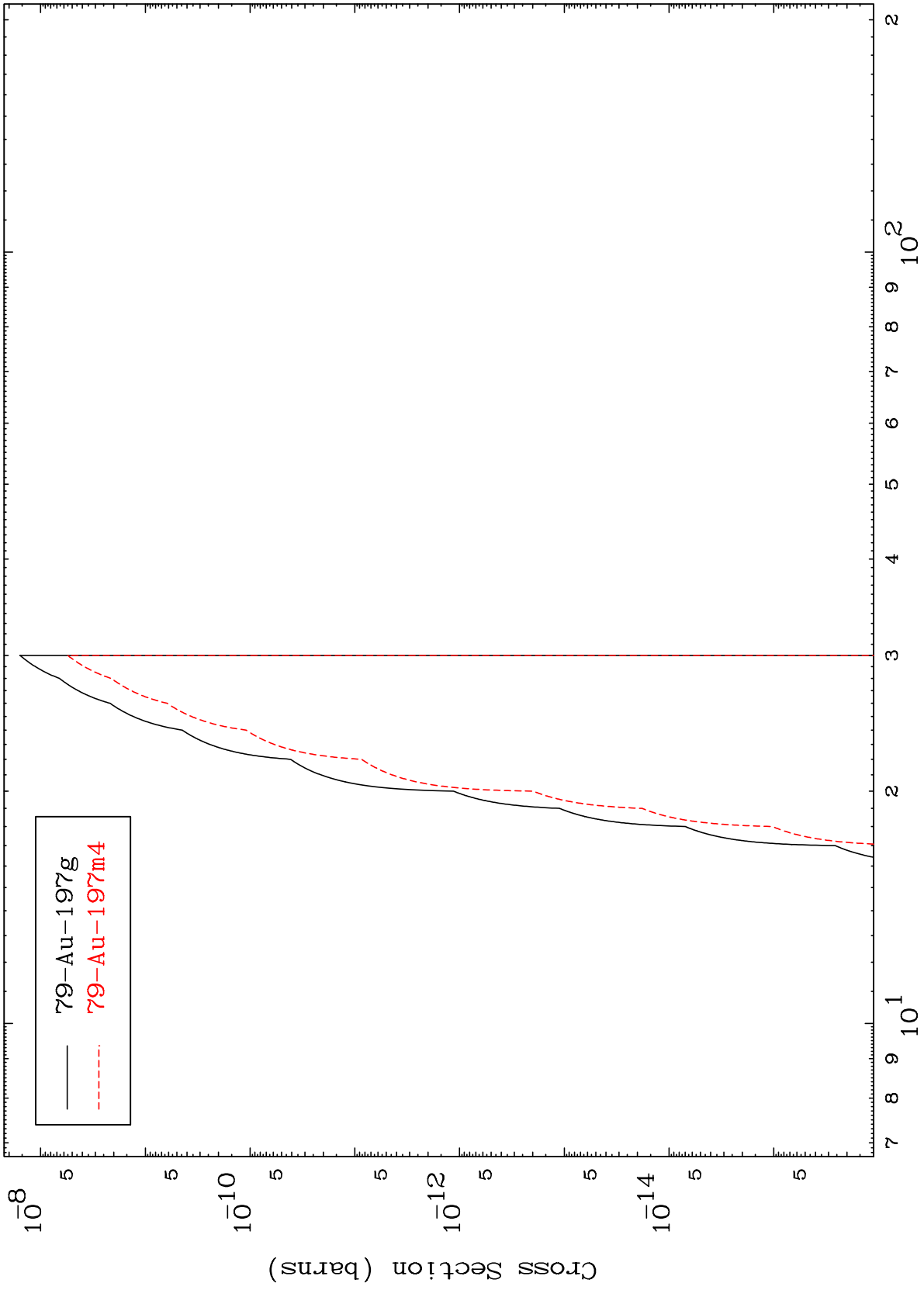
80-Hg-199

MAT 8035

(d,p) t

80-Hg-199

Radionuclide Production Cross Section



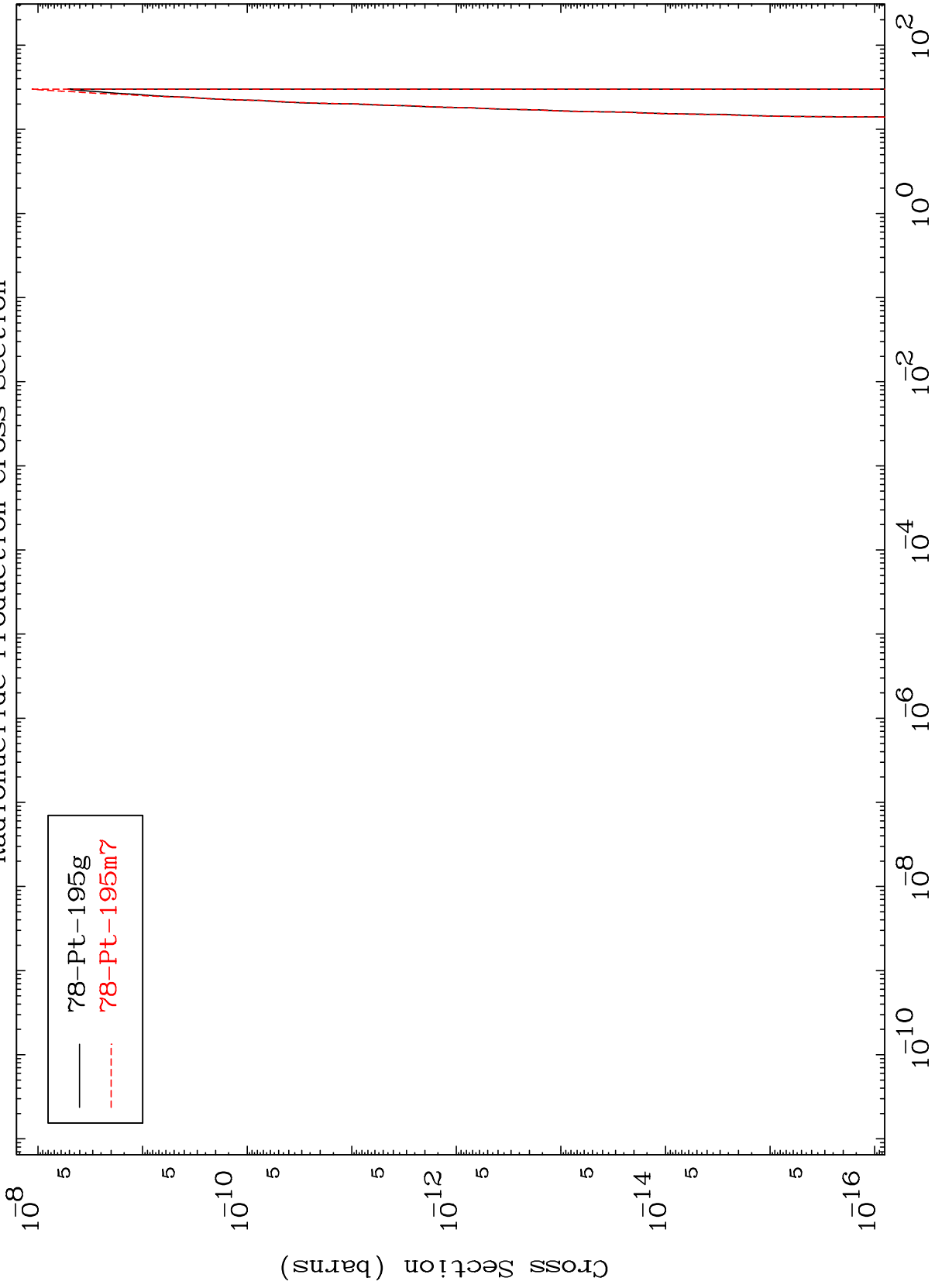
79-Au-197g  
79-Au-197m4

MAT 8035

(d,d)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



32

Incident Energy (MeV)

80-Hg-199