

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

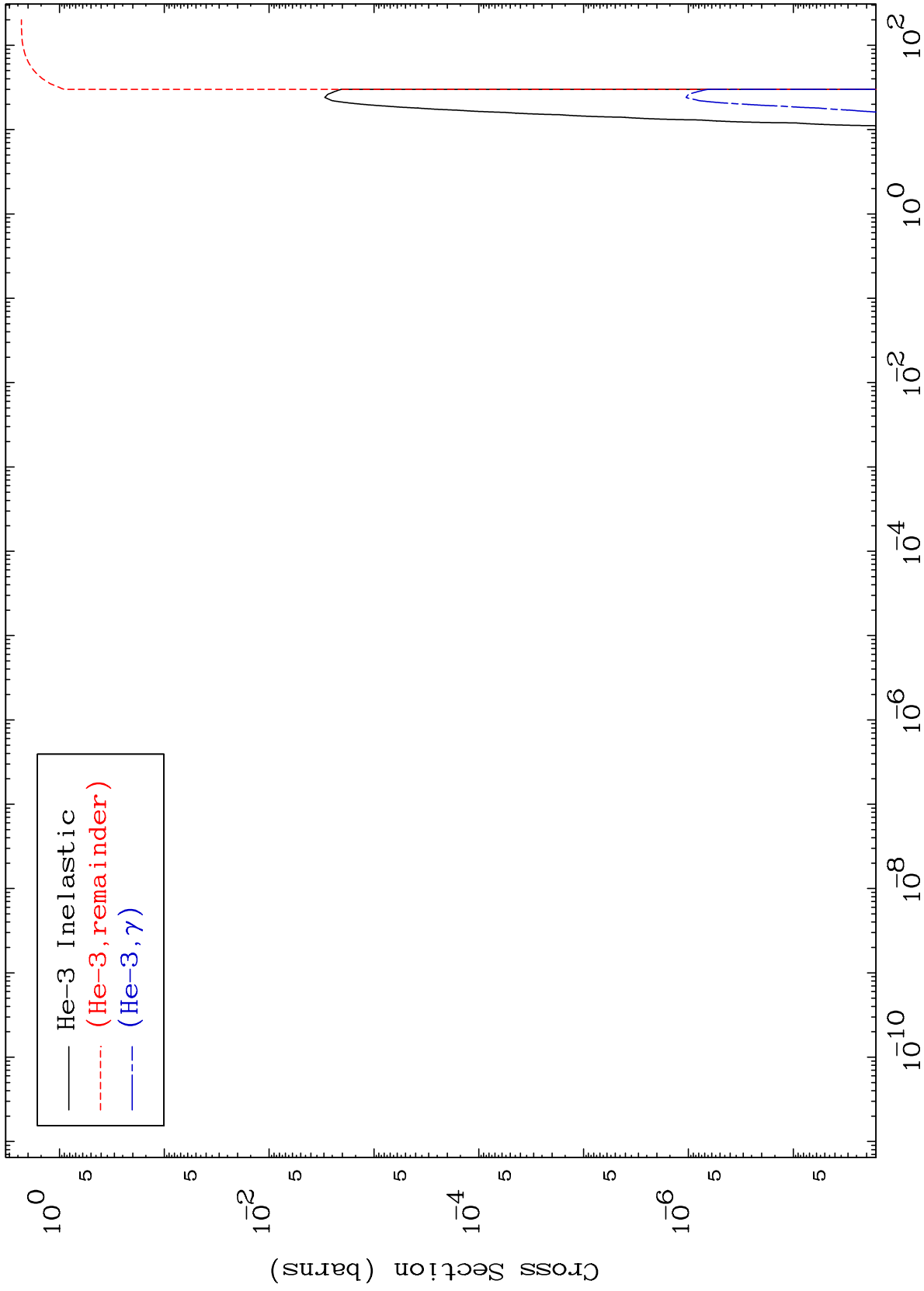
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8005

He-3 Major  
0 Kelvin Cross Sections

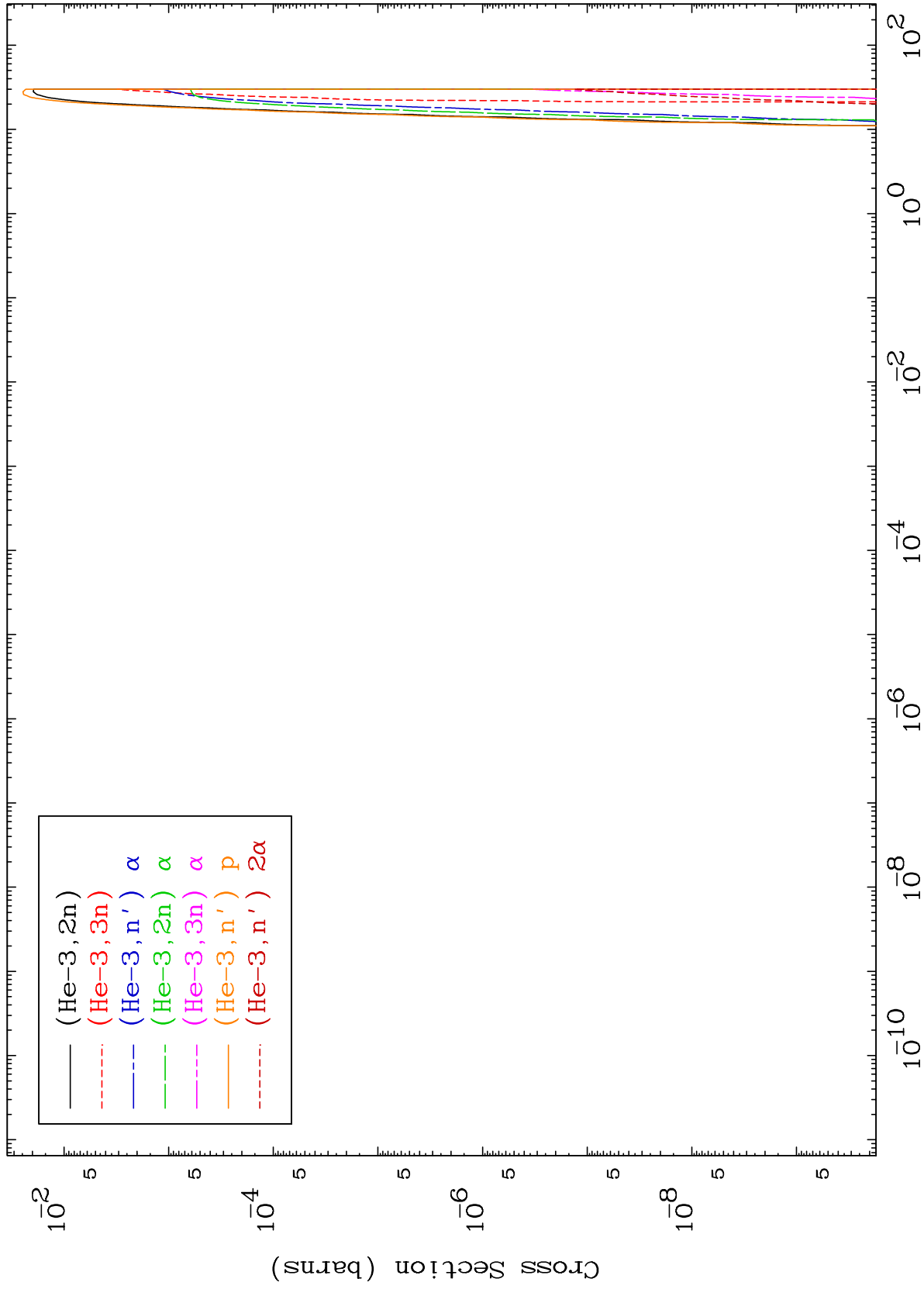
80-Hg-189



MAT 8005

He-3 Neutron Production  
0 Kelvin Cross Sections

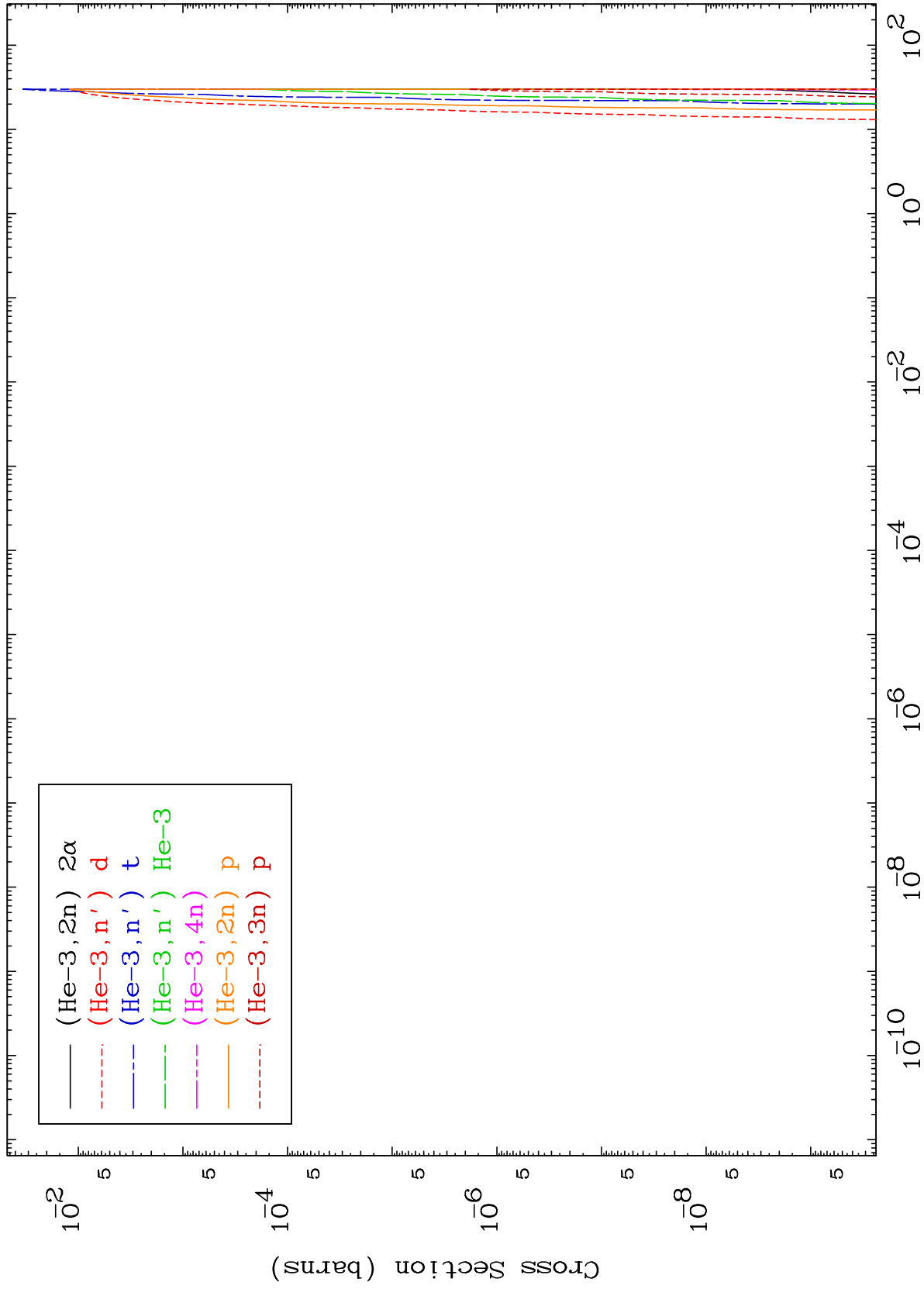
80-Hg-189



MAT 8005

He-3 Neutron Production  
0 Kelvin Cross Sections

80-Hg-189



3

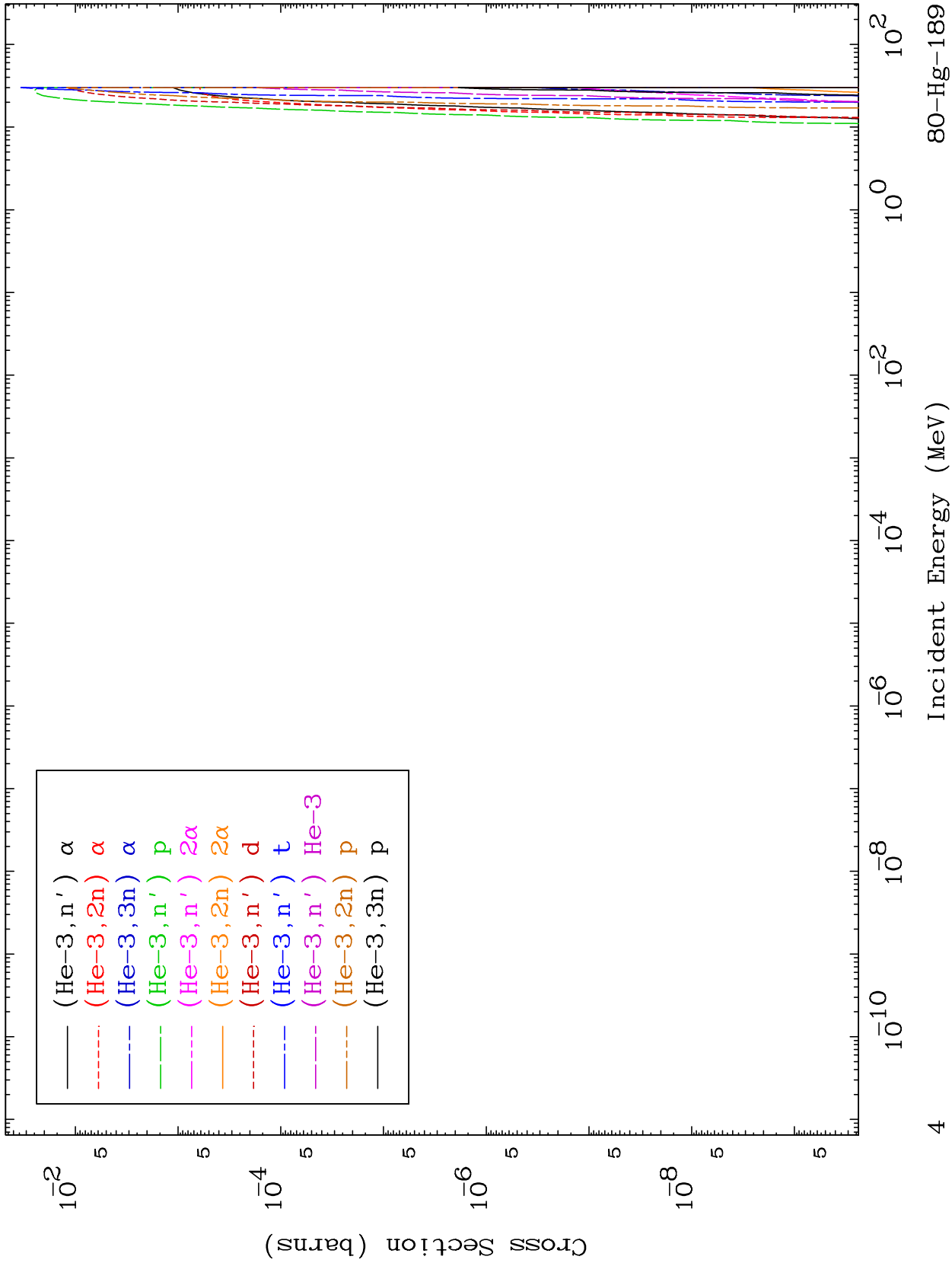
Incident Energy (MeV)

80-Hg-189

MAT 8005

He-3 Charged Particle  
0 Kelvin Cross Sections

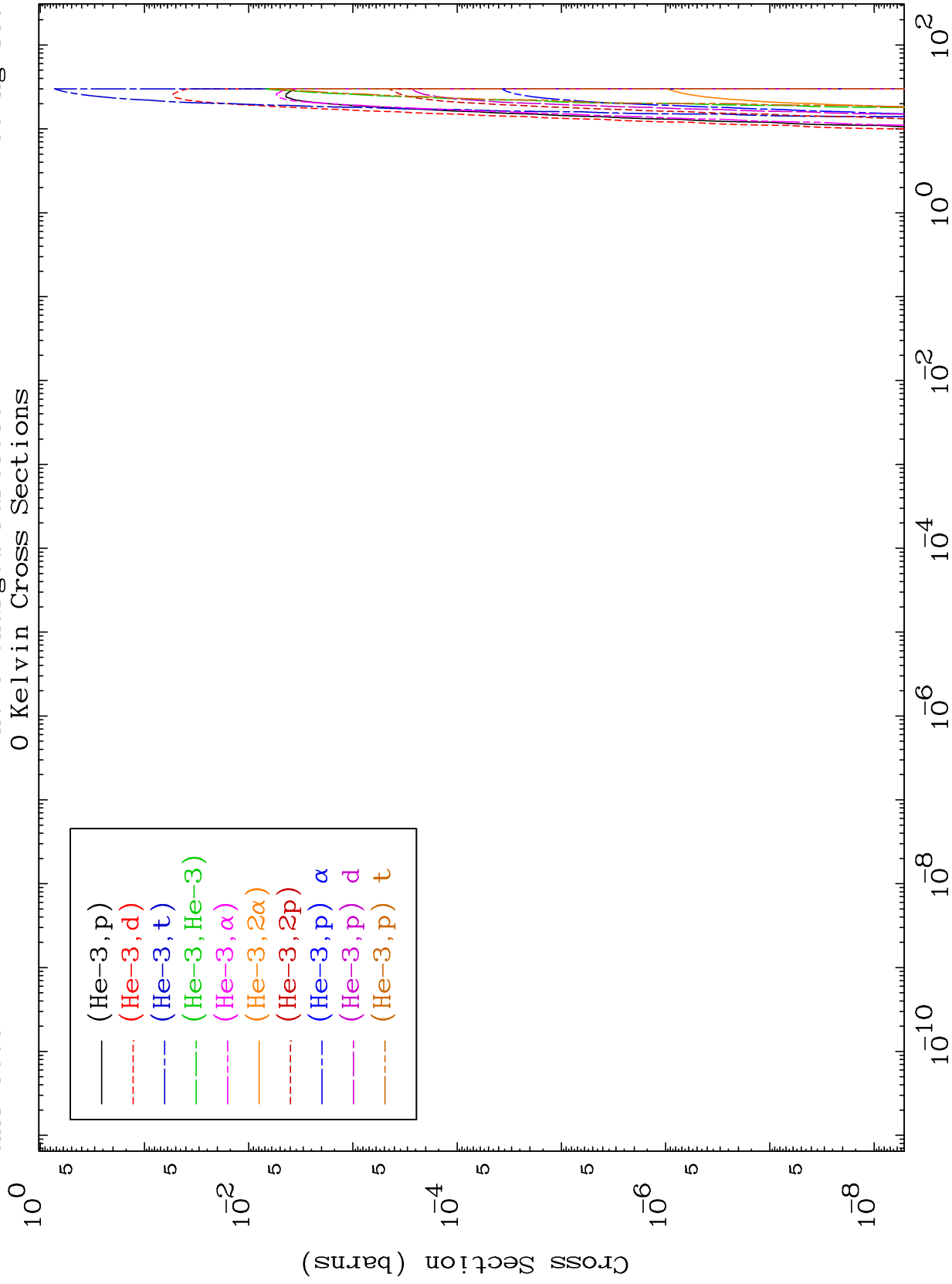
80-Hg-189



MAT 8005

He-3 Charged Particle  
0 Kelvin Cross Sections

80-Hg-189



5

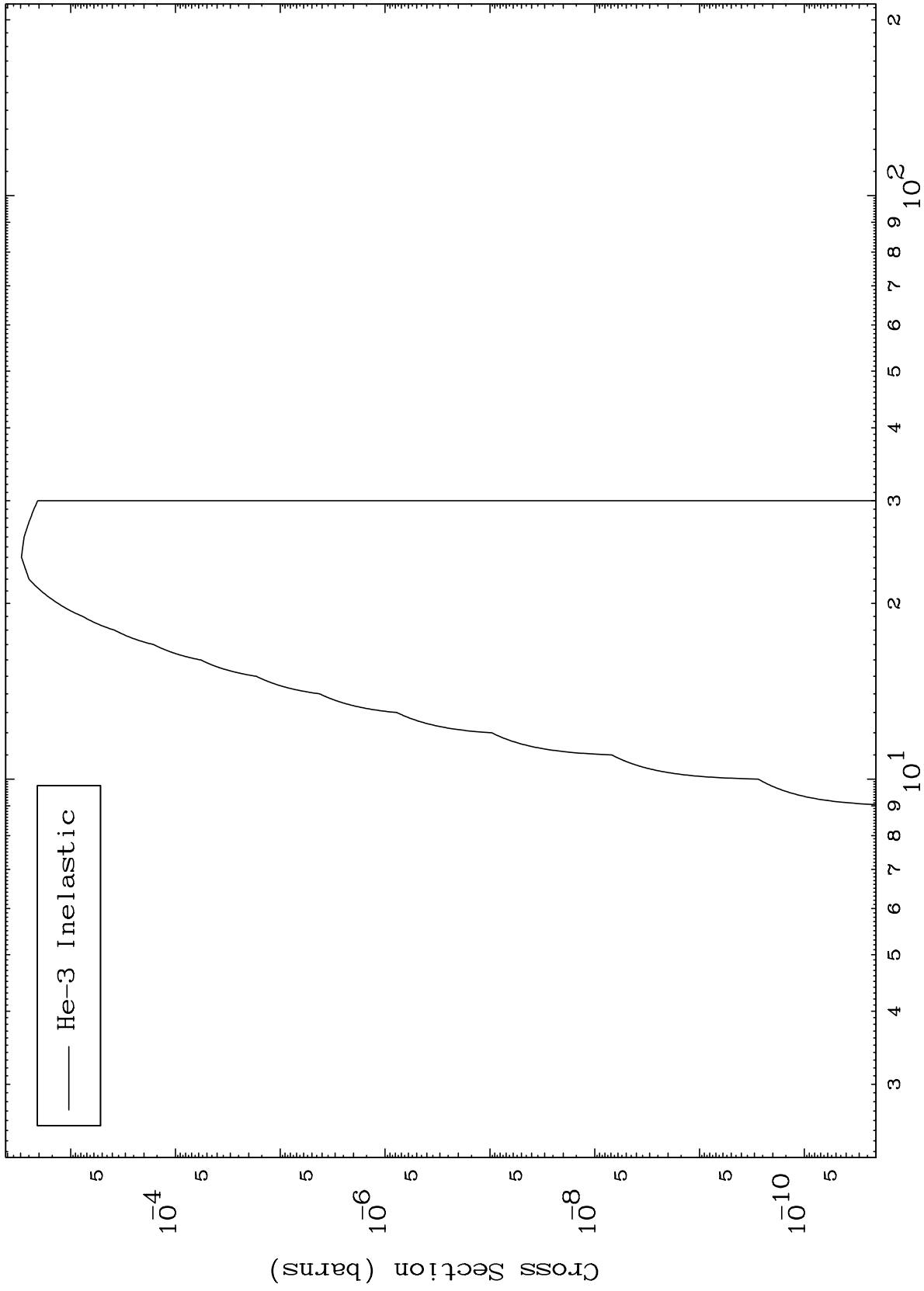
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3, n') Level  
0 Kelvin Cross Sections

80-Hg-189



6

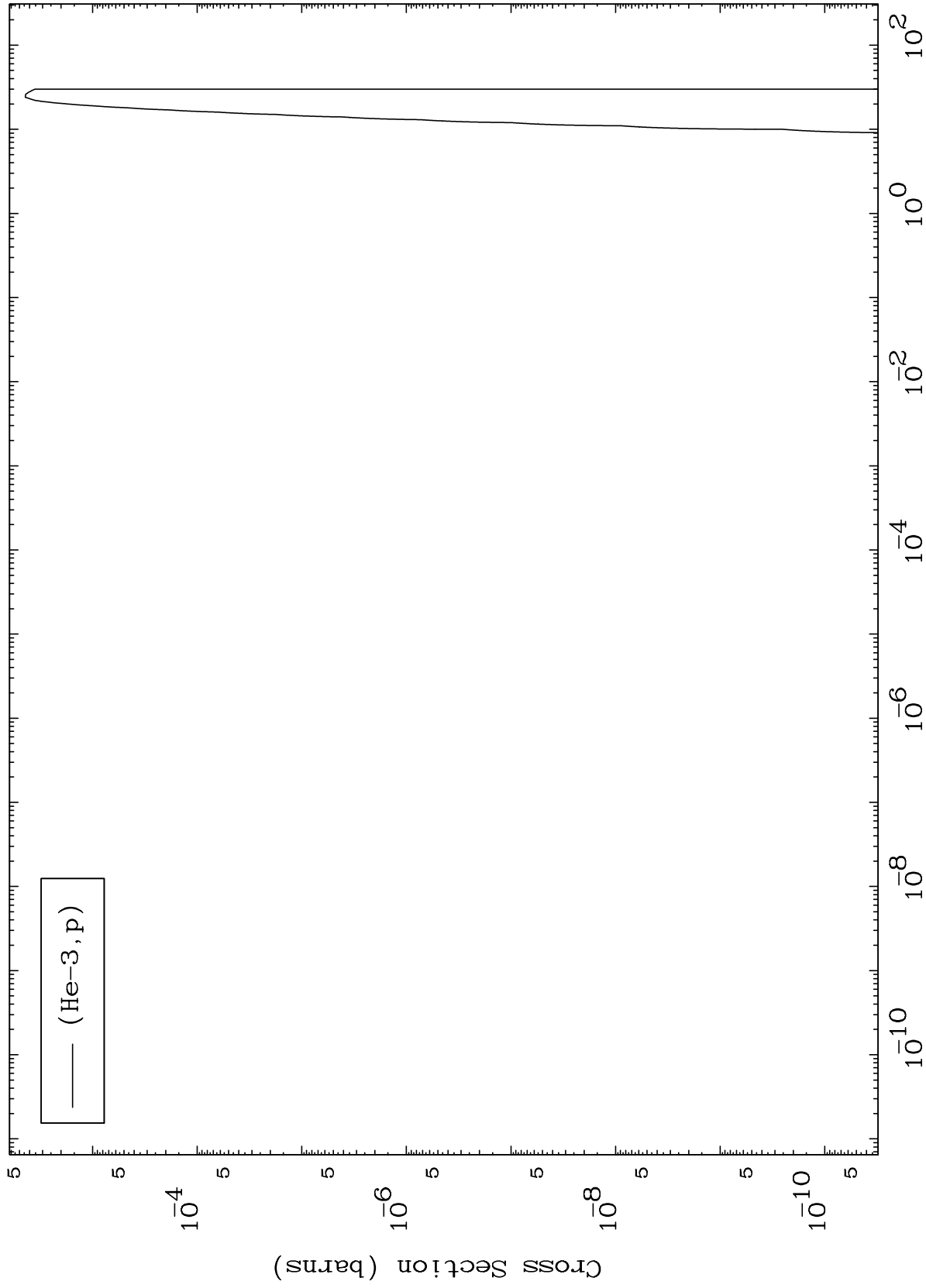
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3,p) Levels  
0 Kelvin Cross Sections

80-Hg-189



7

Incident Energy (MeV)

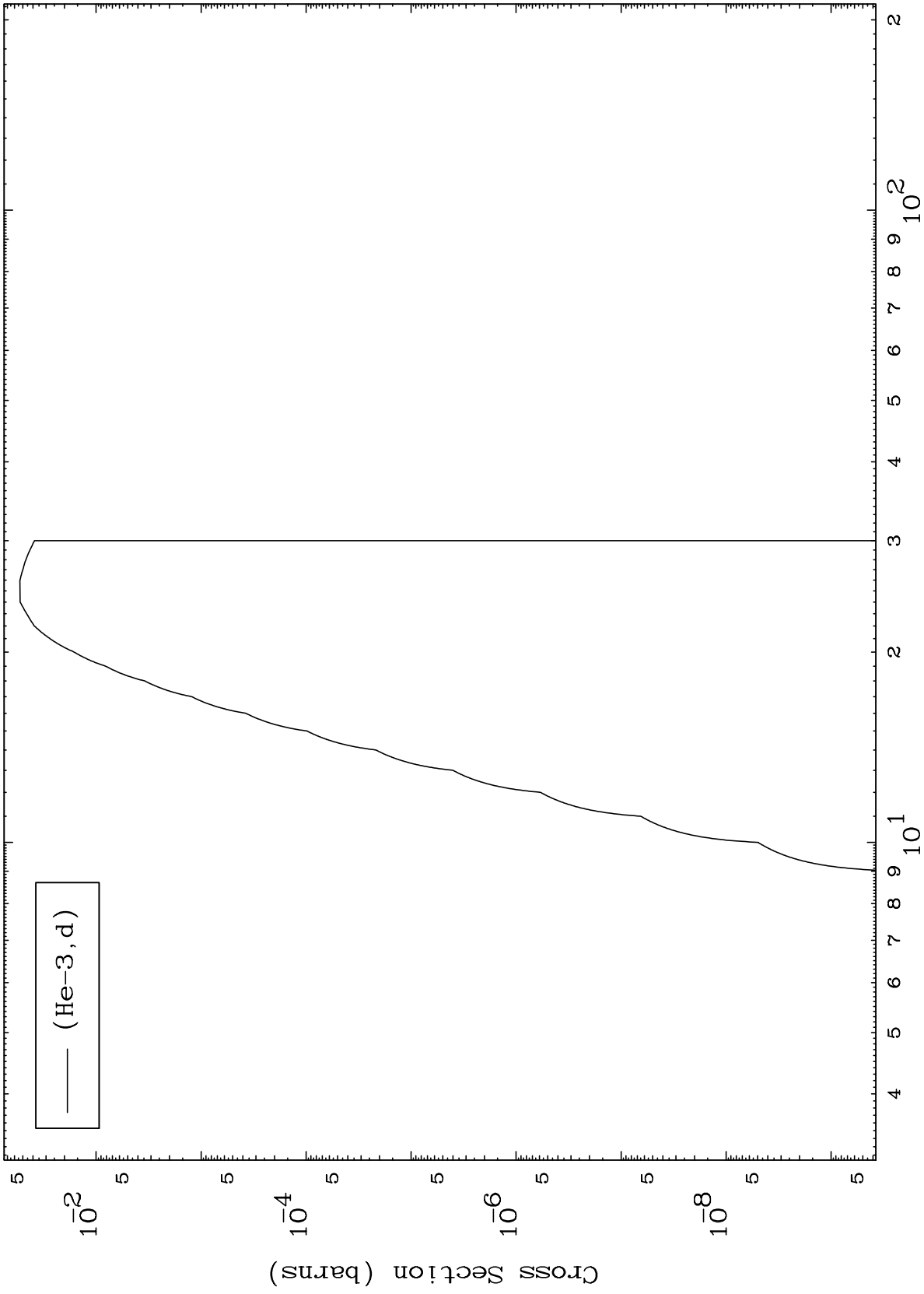
80-Hg-189



MAT 8005

(He-3, d) Levels  
0 Kelvin Cross Sections

80-Hg-189



8

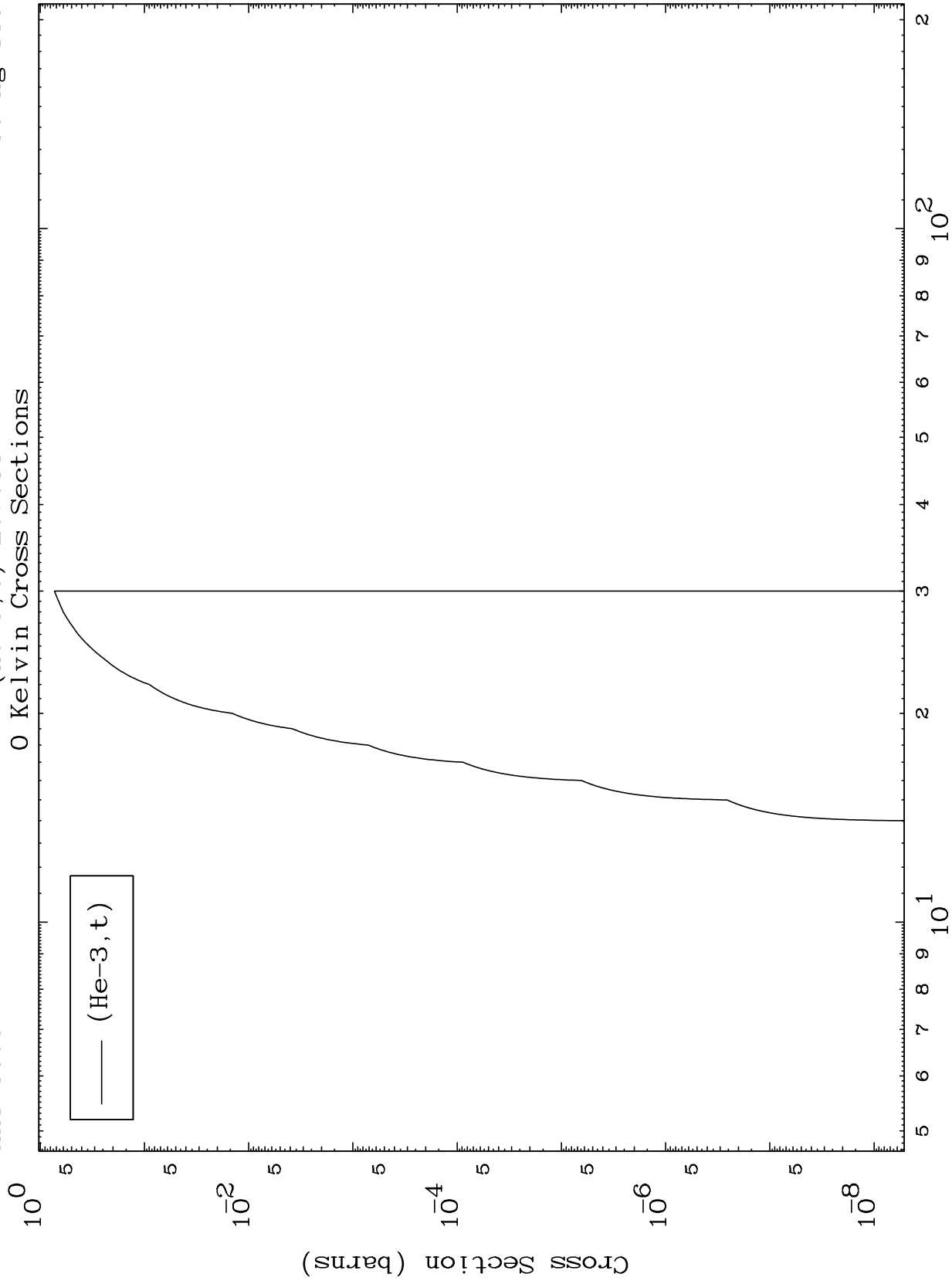
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3, t) Levels  
0 Kelvin Cross Sections

80-Hg-189



9

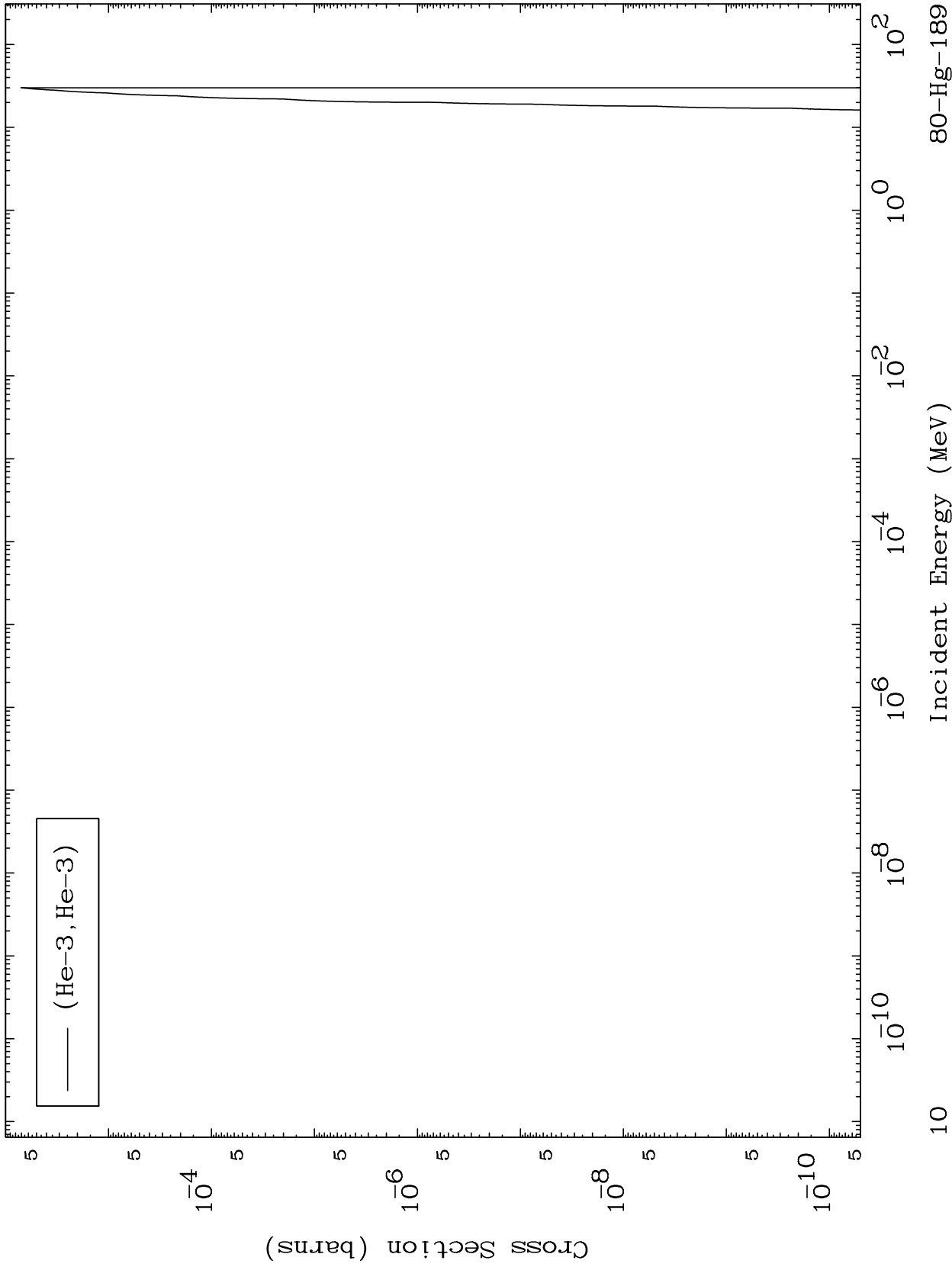
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3, He3) Levels  
0 Kelvin Cross Sections

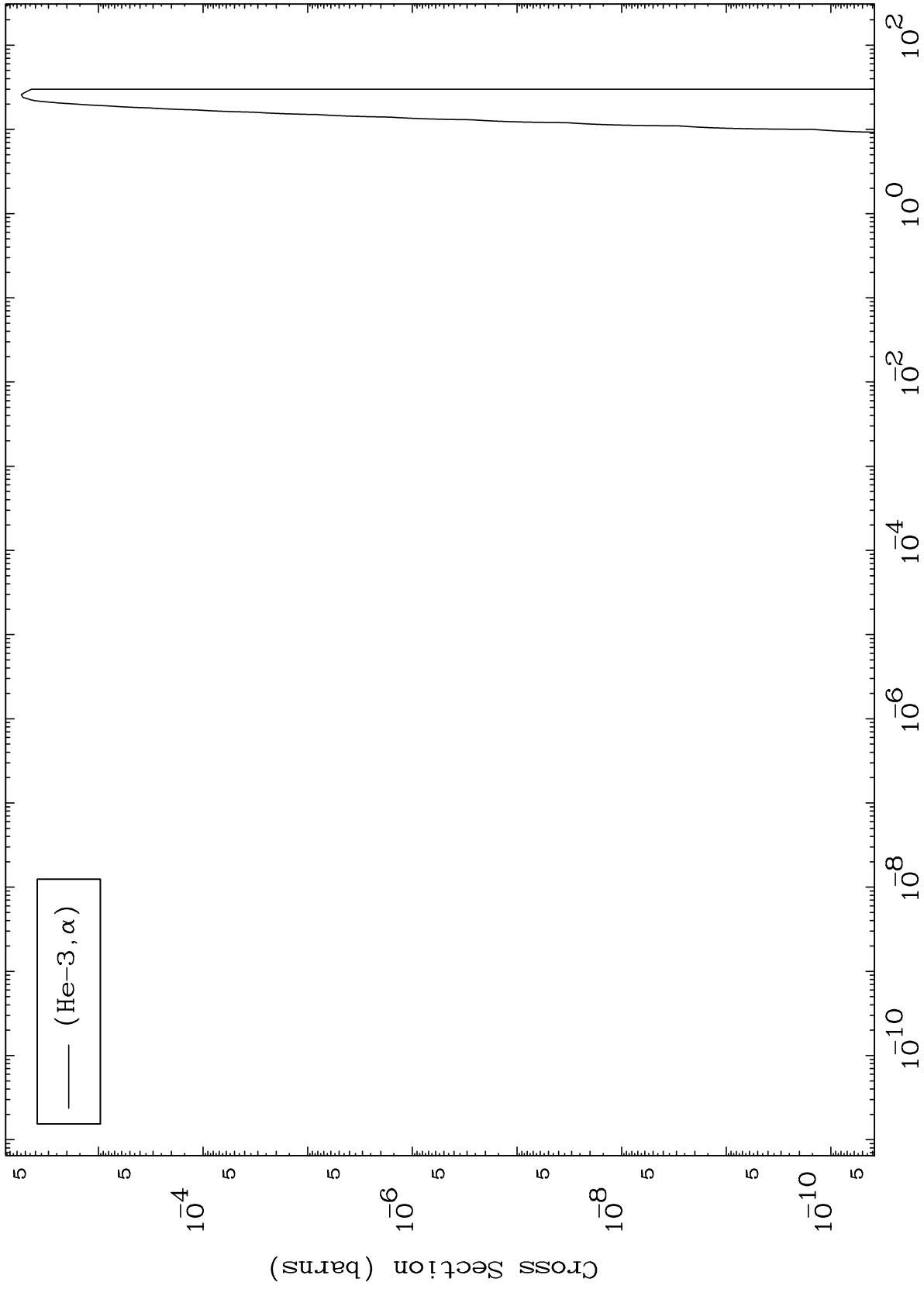
80-Hg-189



MAT 8005

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

80-Hg-189



11

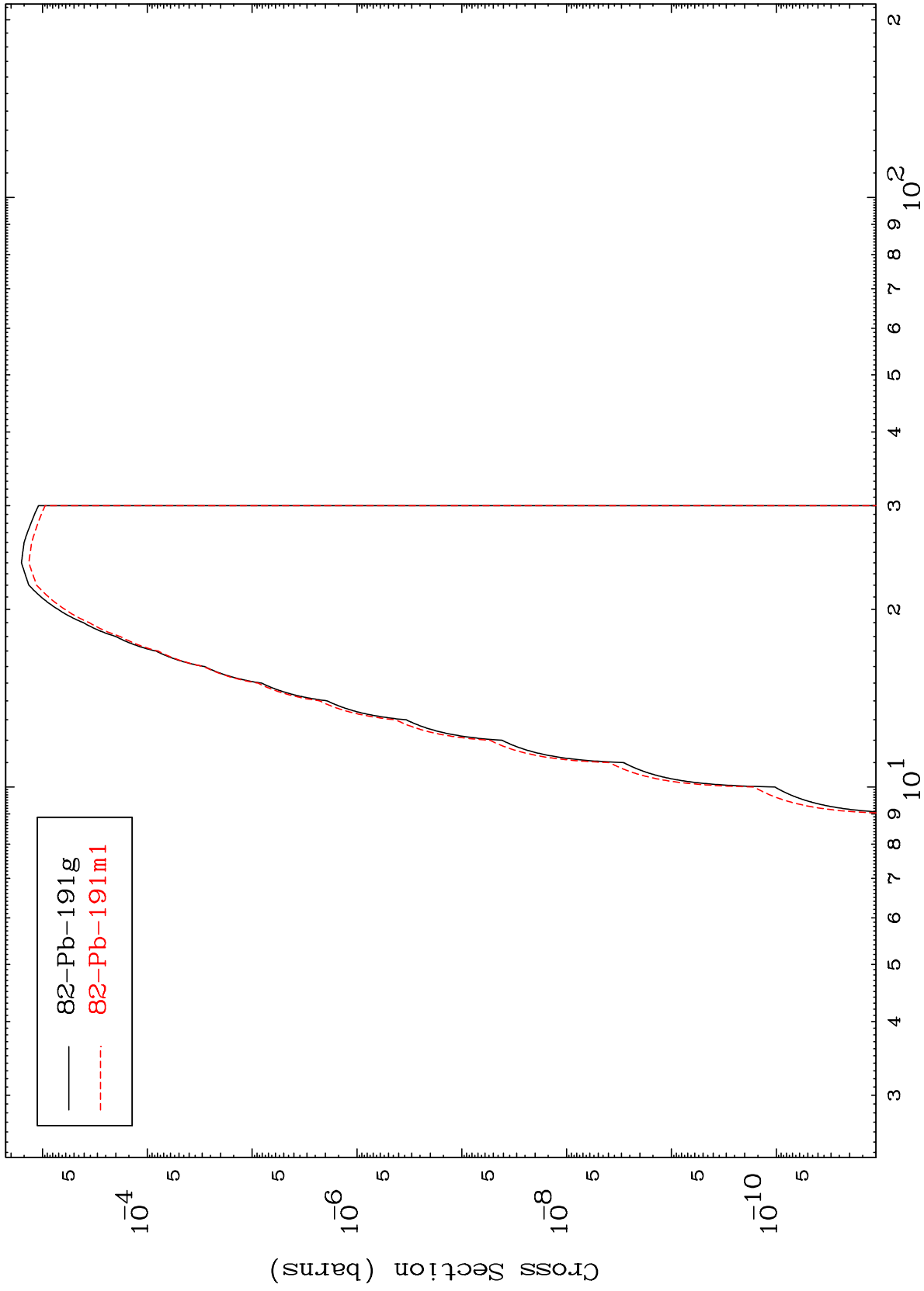
Incident Energy (MeV)

80-Hg-189

MAT 8005

He-3 Inelastic  
Radionuclide Production Cross Section

80-Hg-189



12

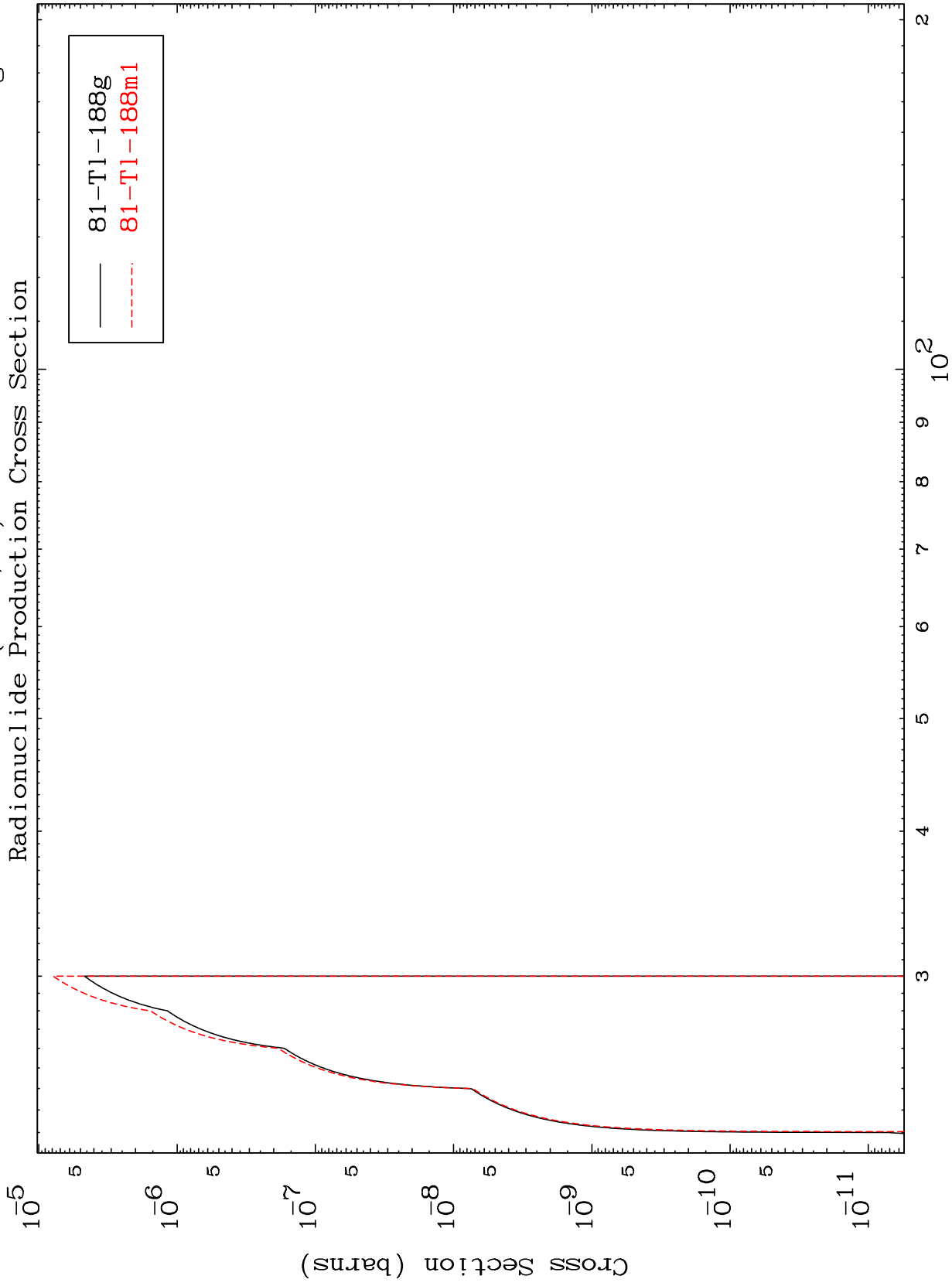
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3,2n) d

80-Hg-189



13

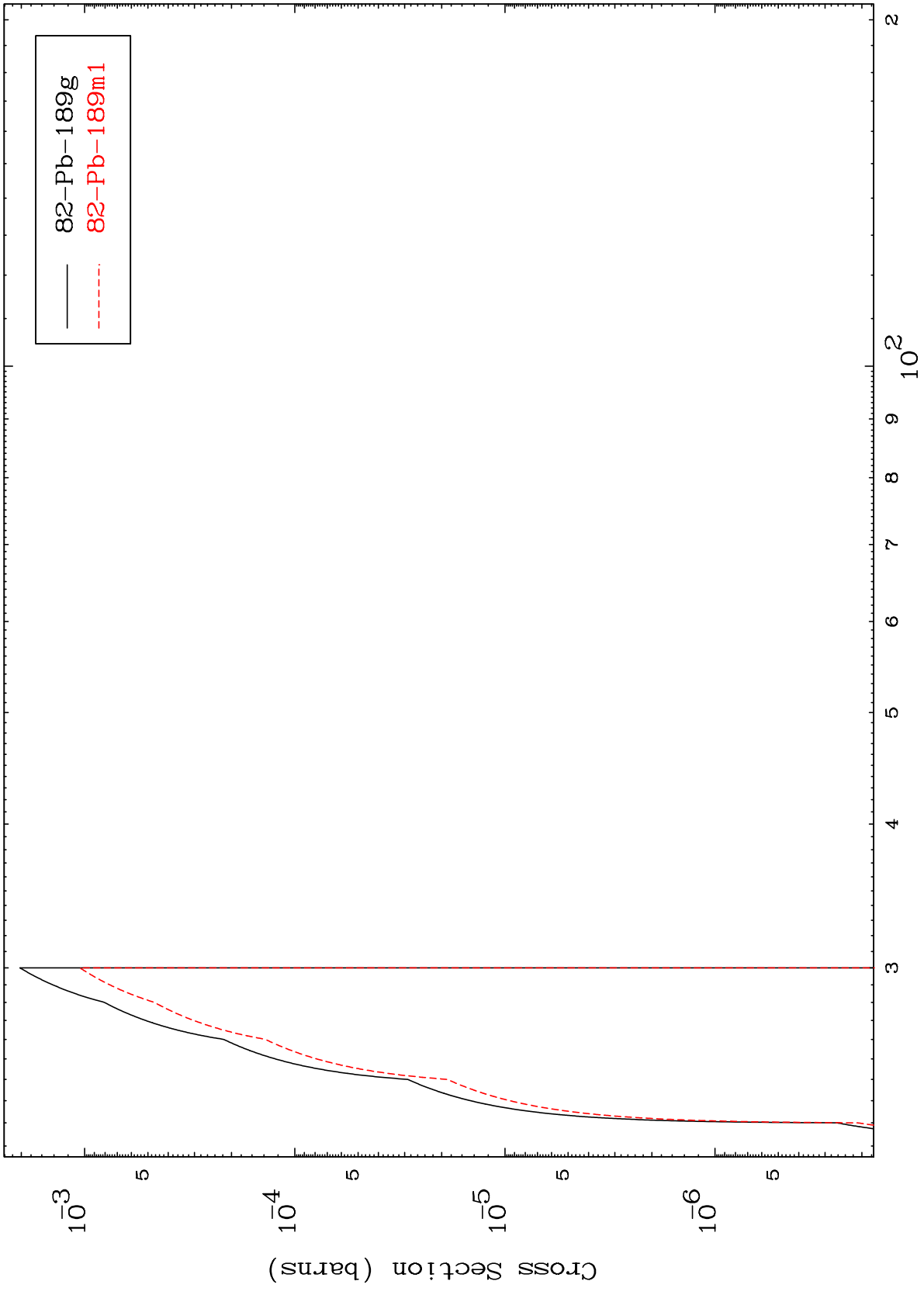
80-Hg-189

MAT 8005

(He-3, 3n)

80-Hg-189

Radionuclide Production Cross Section



14

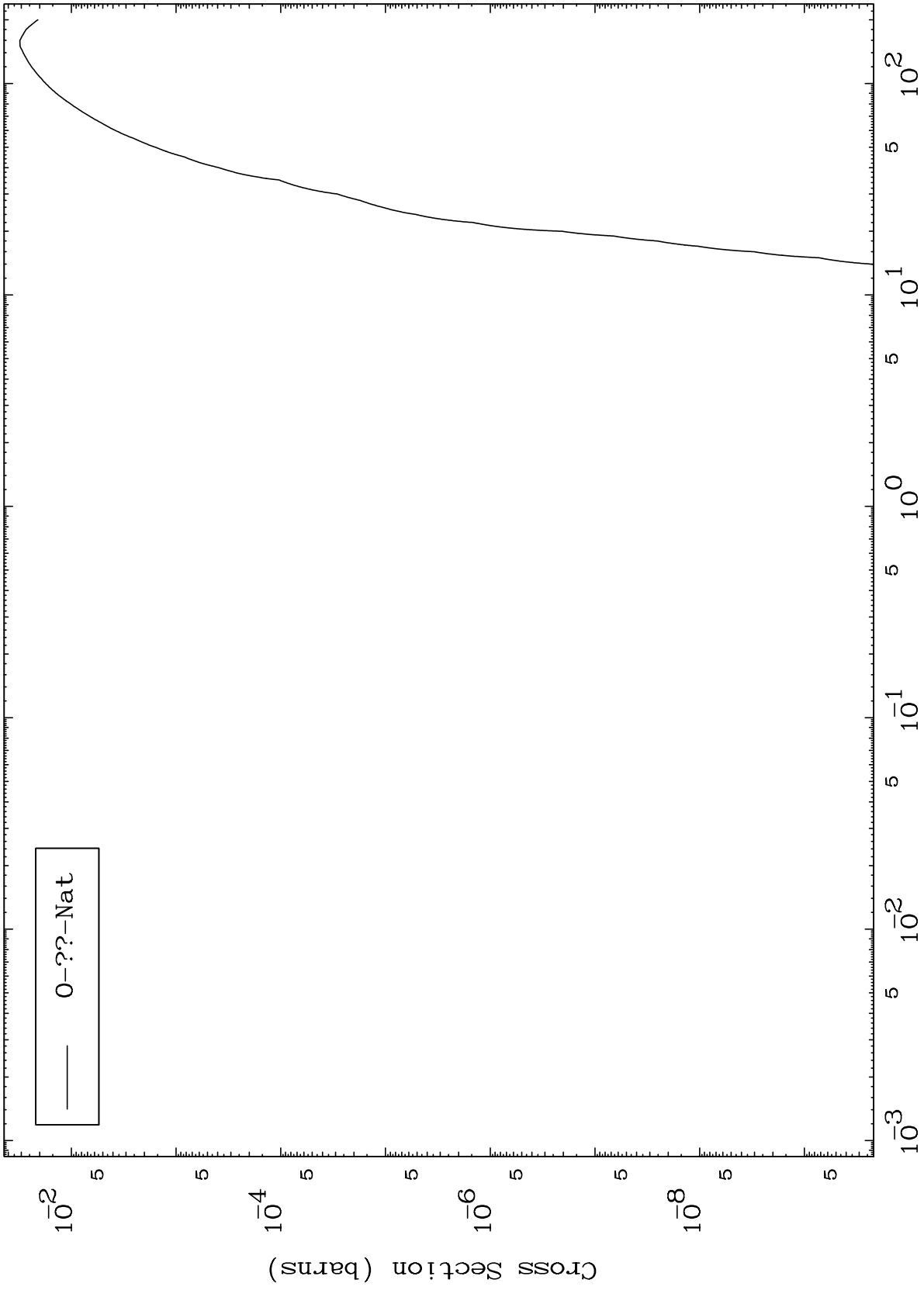
Incident Energy (MeV)

80-Hg-189

MAT 8005

He-3 Fission  
Radionuclide Production Cross Section

80-Hg-189



15

Incident Energy (MeV)

80-Hg-189

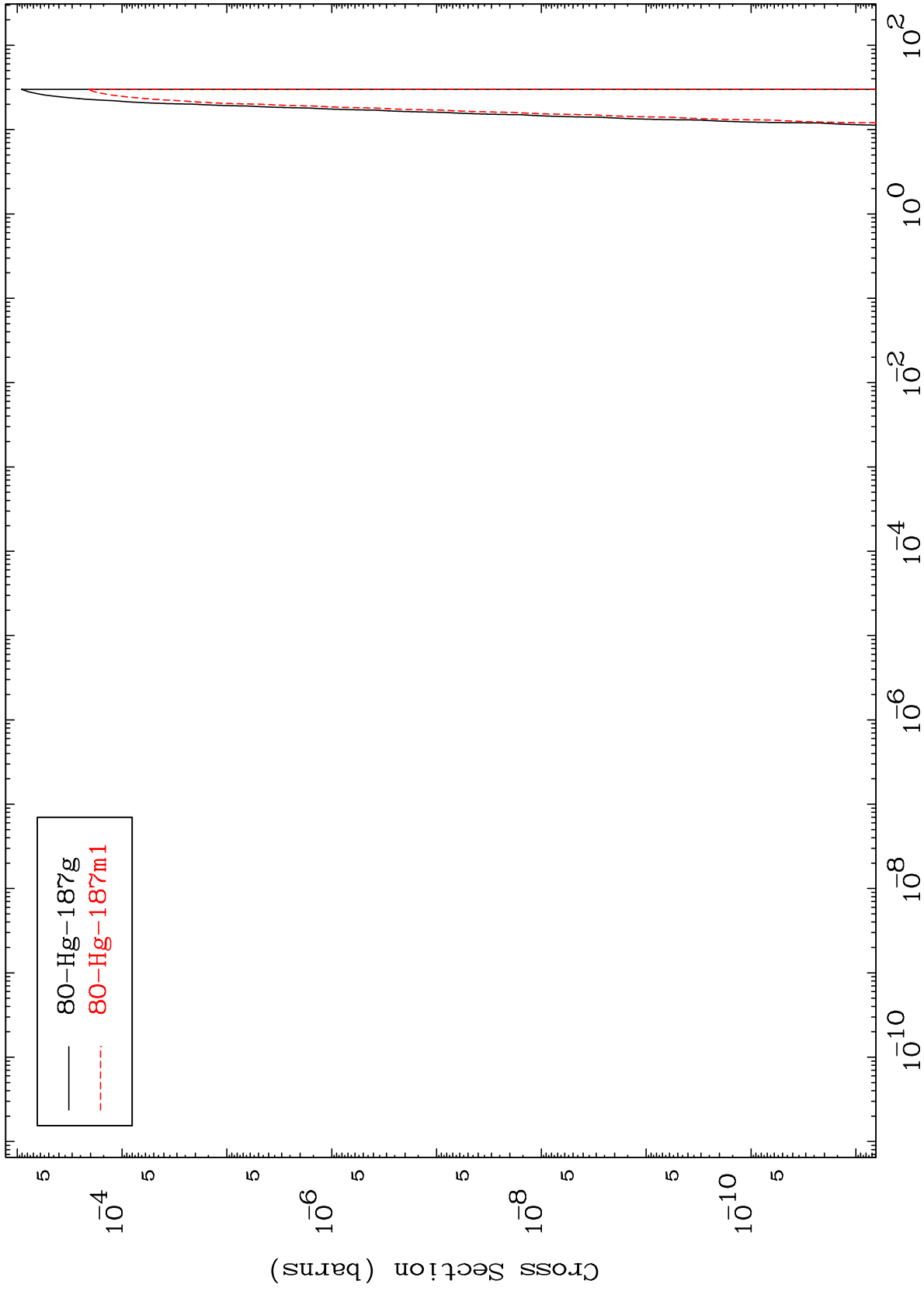


MAT 8005

(He-3, n')  $\alpha$

80-Hg-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

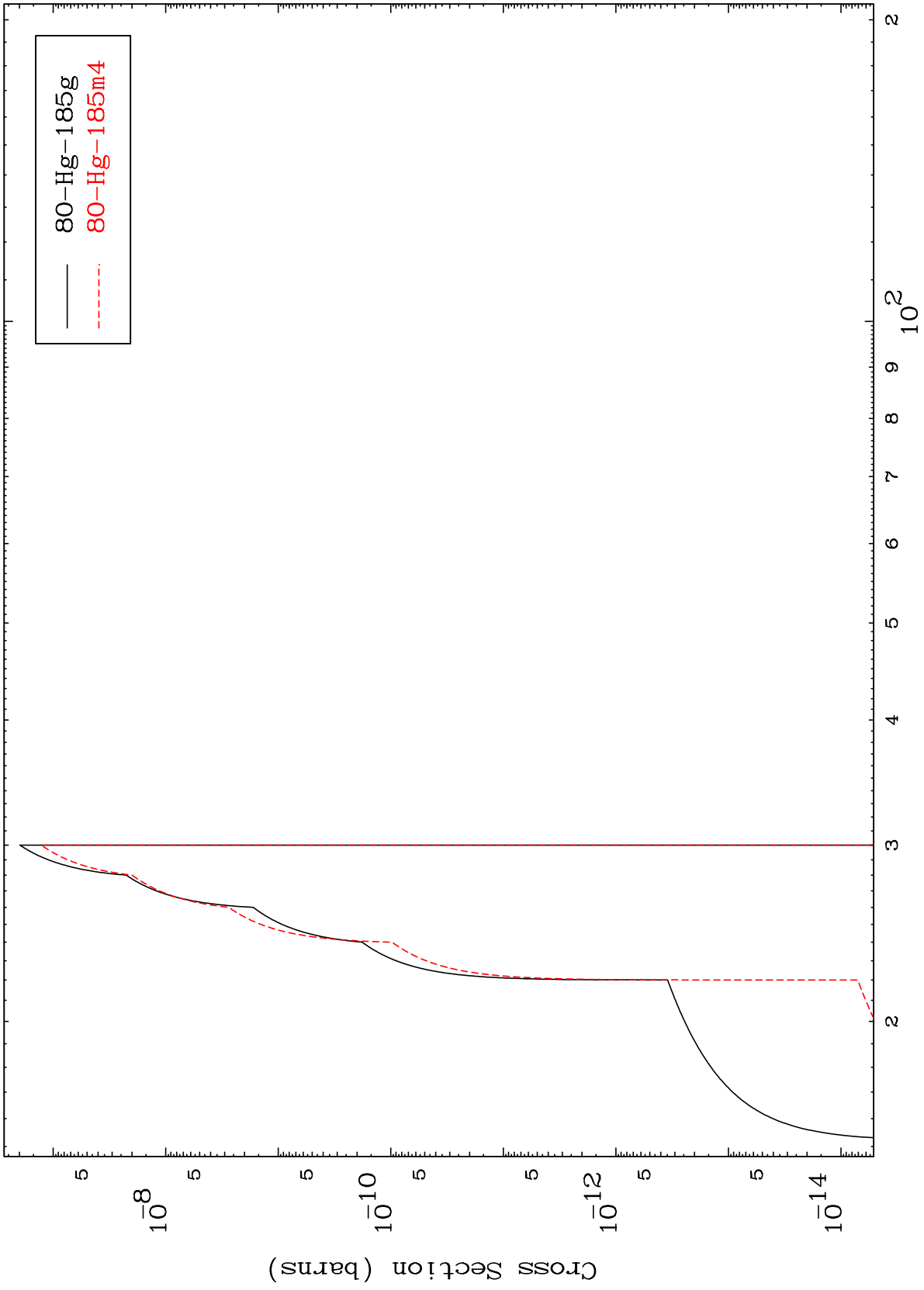
80-Hg-189

MAT 8005

(He-3,3n)  $\alpha$

80-Hg-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

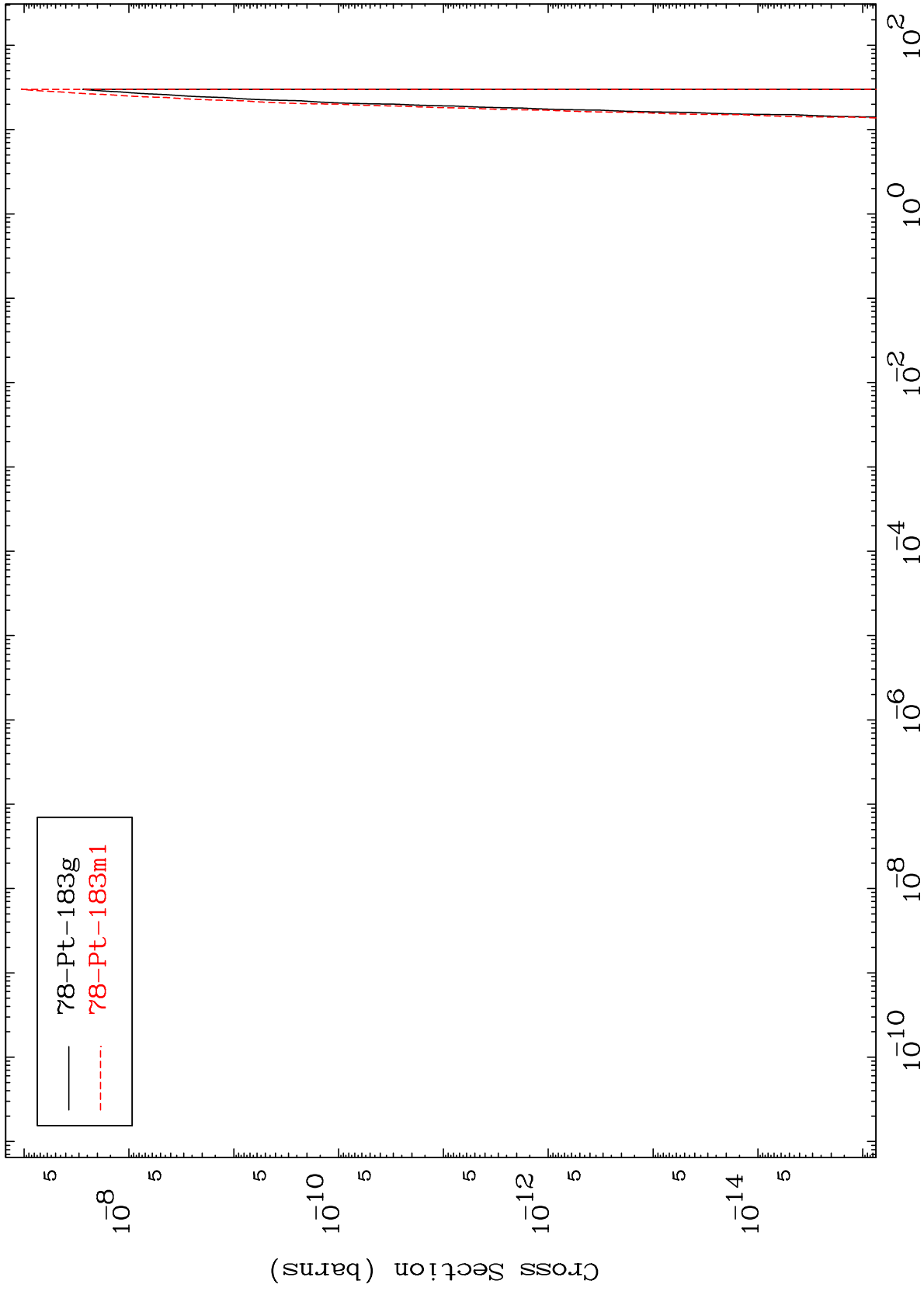
80-Hg-189

MAT 8005

(He-3, n') 2α

80-Hg-189

Radionuclide Production Cross Section



18

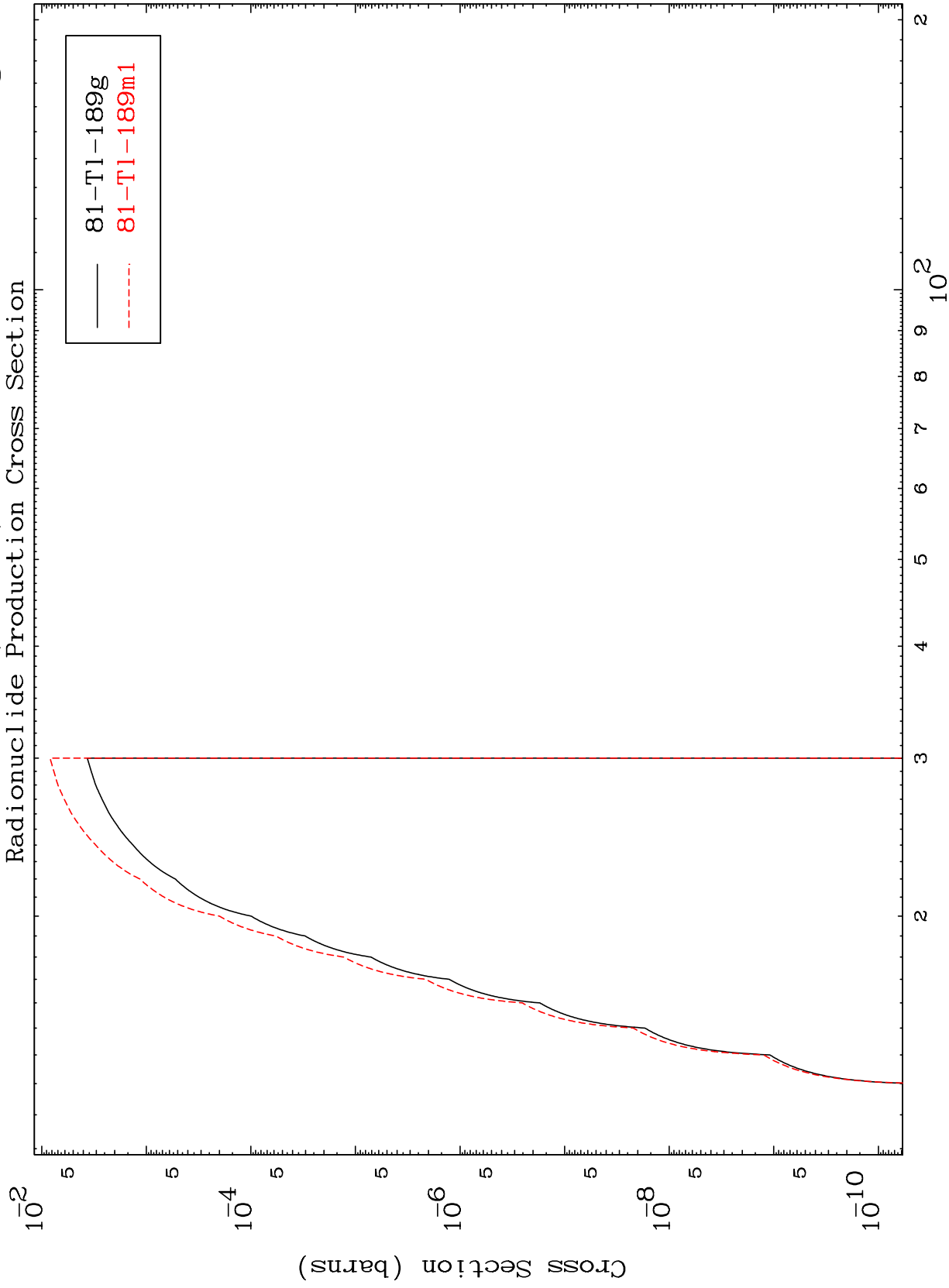
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3, n') d

80-Hg-189



19

Incident Energy (MeV)

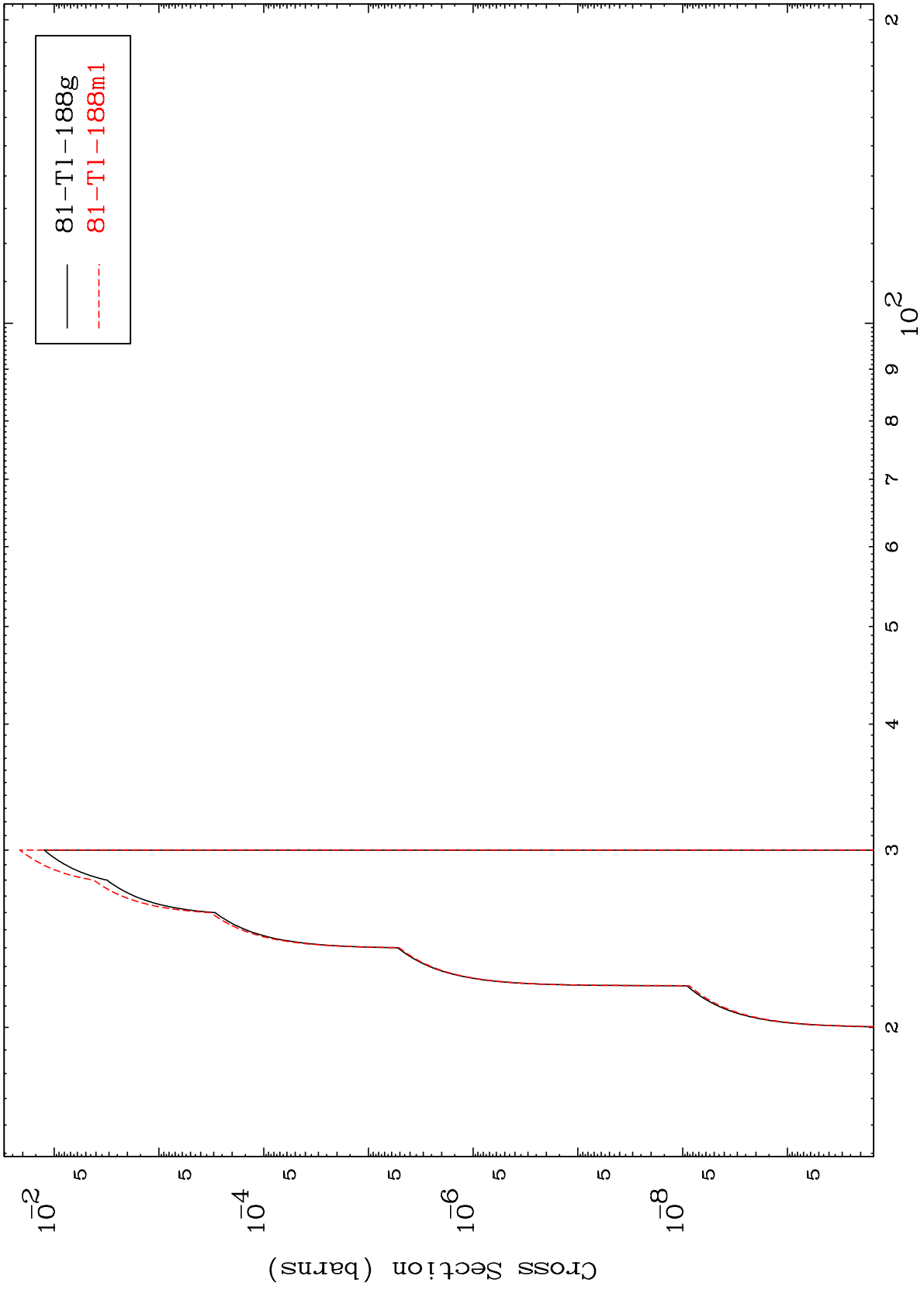
80-Hg-189

MAT 8005

(He-3, n') t

80-Hg-189

Radionuclide Production Cross Section



20

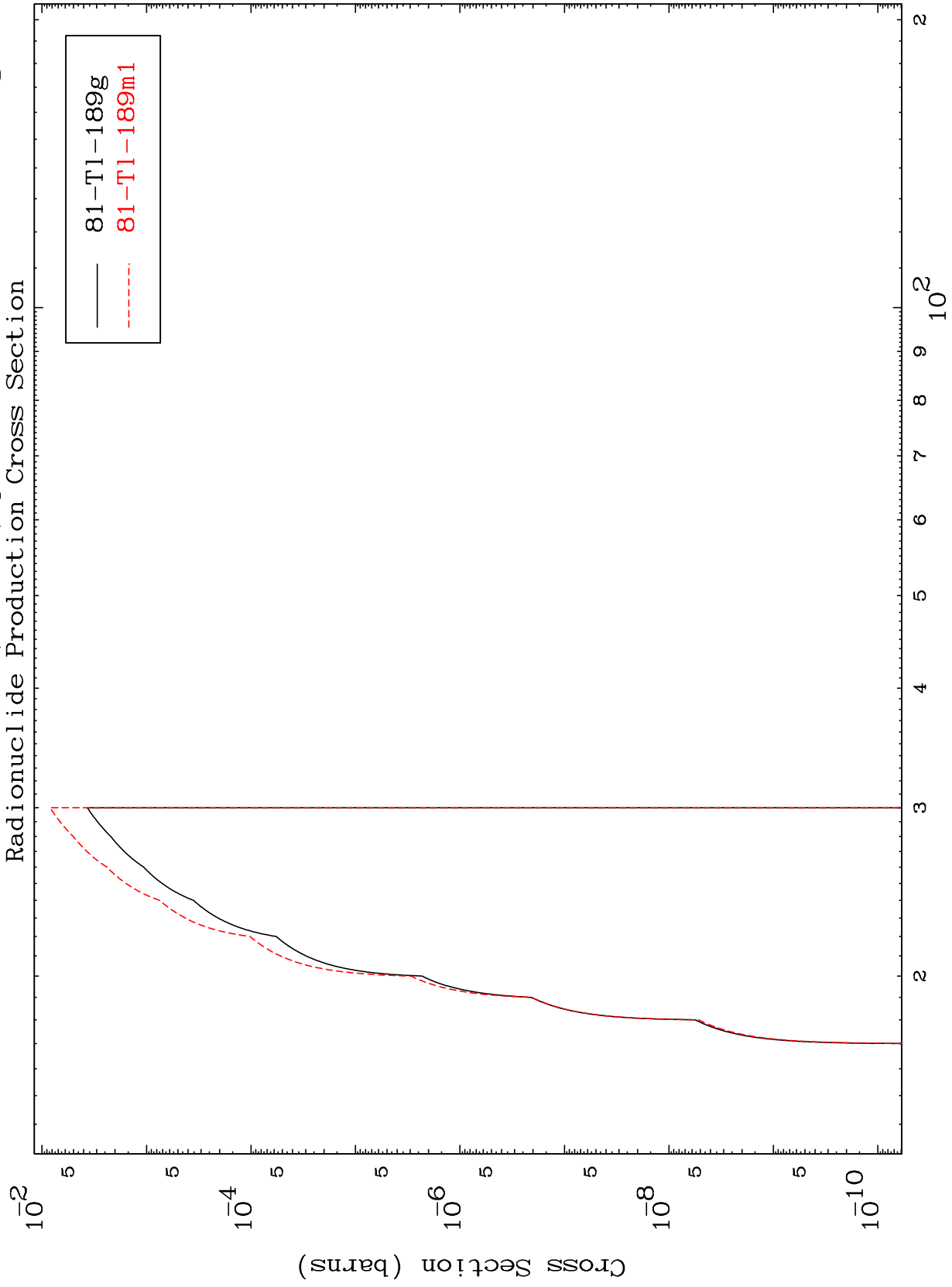
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3,2n) p

80-Hg-189



21

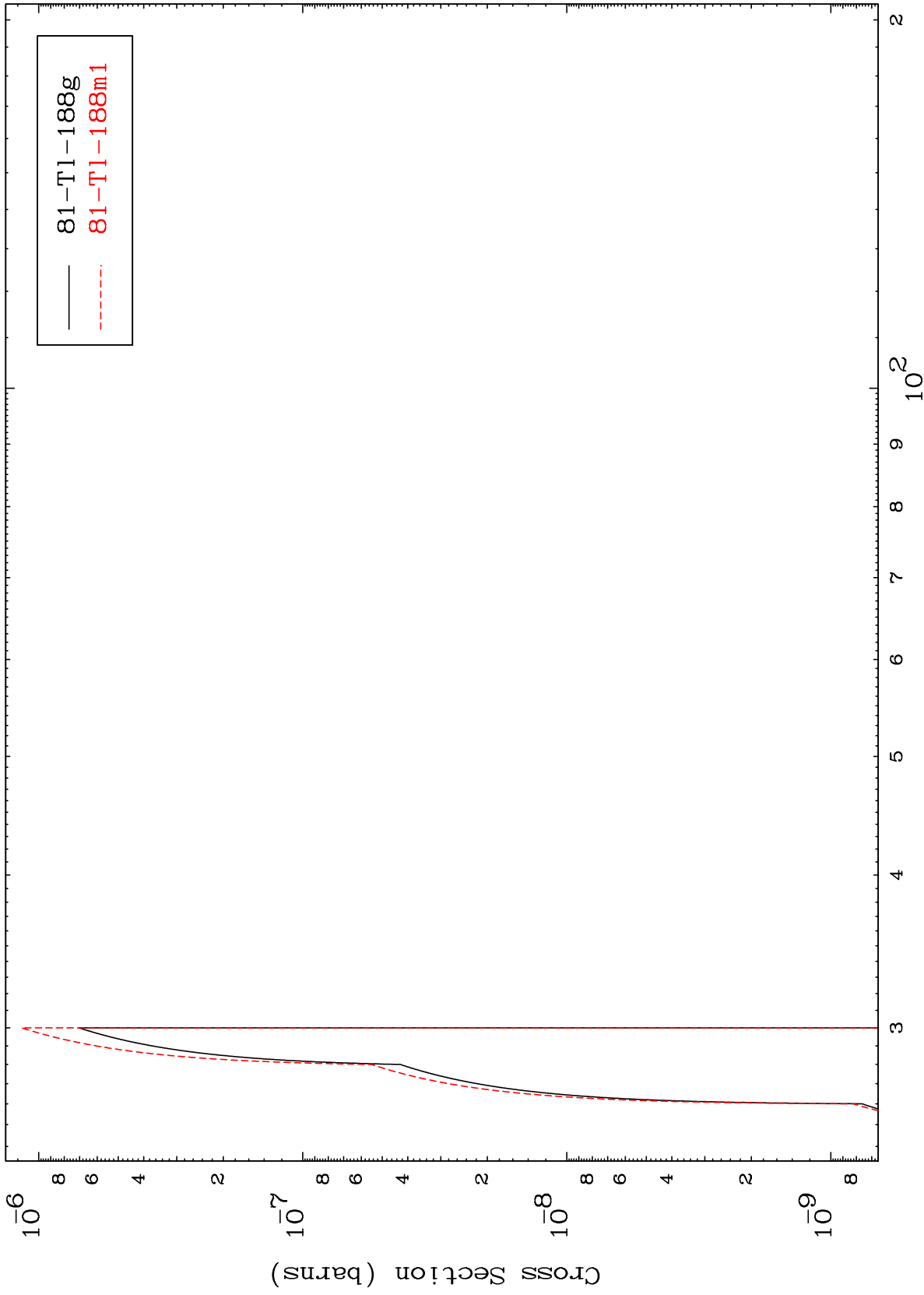
80-Hg-189

MAT 8005

(He-3,3n) p

80-Hg-189

Radionuclide Production Cross Section



22

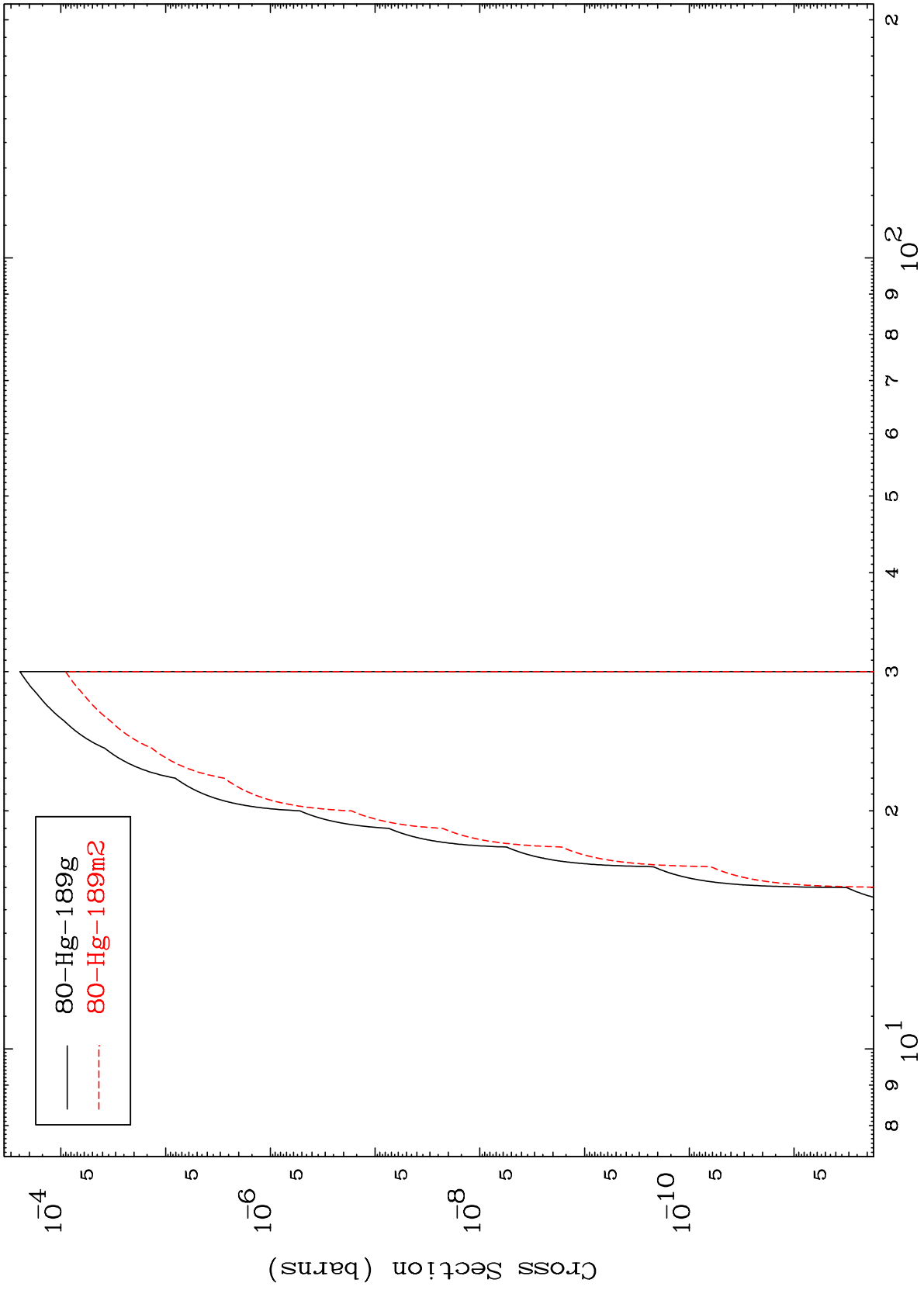
Incident Energy (MeV)

80-Hg-189

MAT 8005

(He-3,2n) p  
Radionuclide Production Cross Section

80-Hg-189



23

Incident Energy (MeV)

80-Hg-189

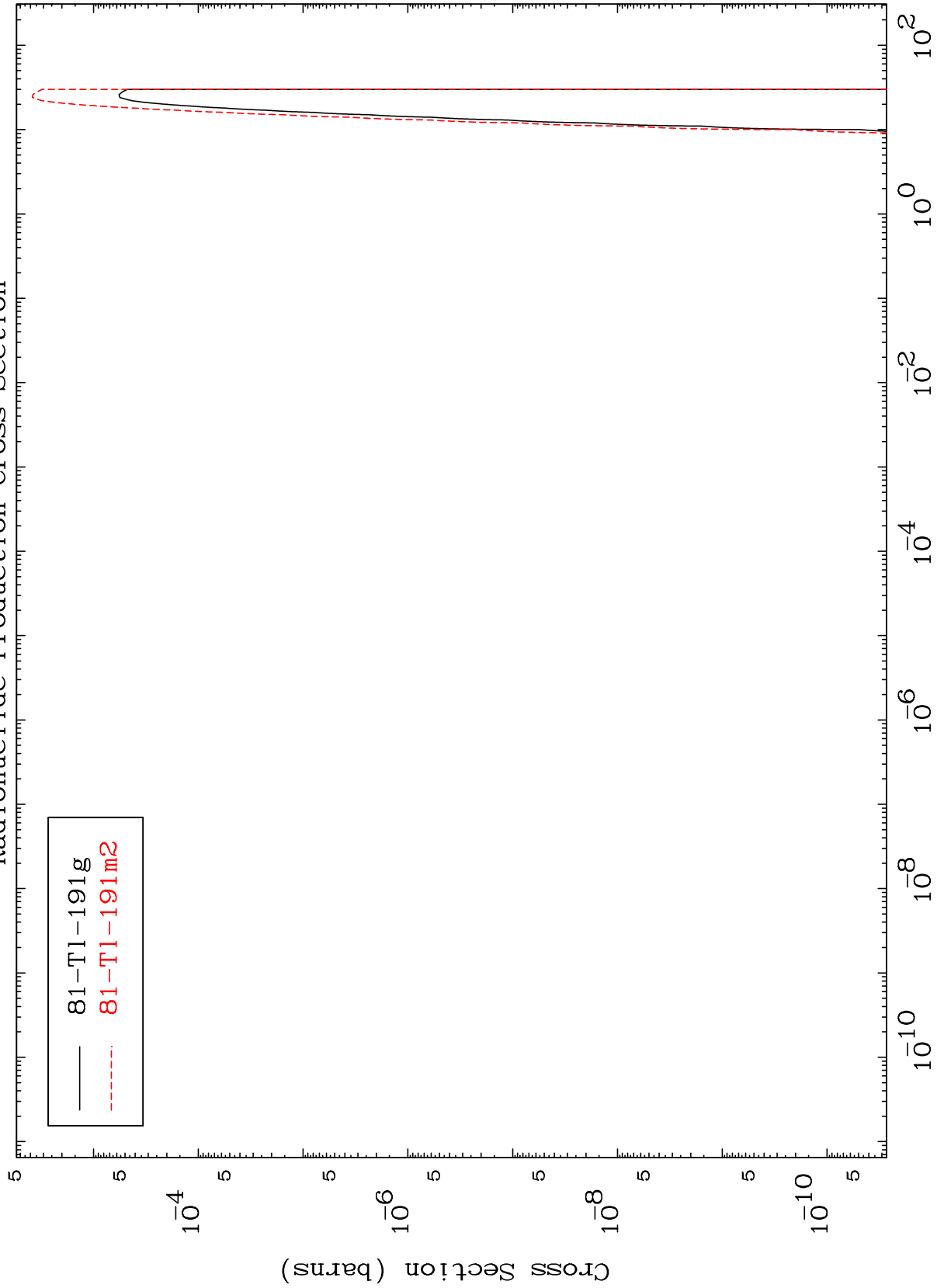


MAT 8005

(He-3,p)

80-Hg-189

Radionuclide Production Cross Section

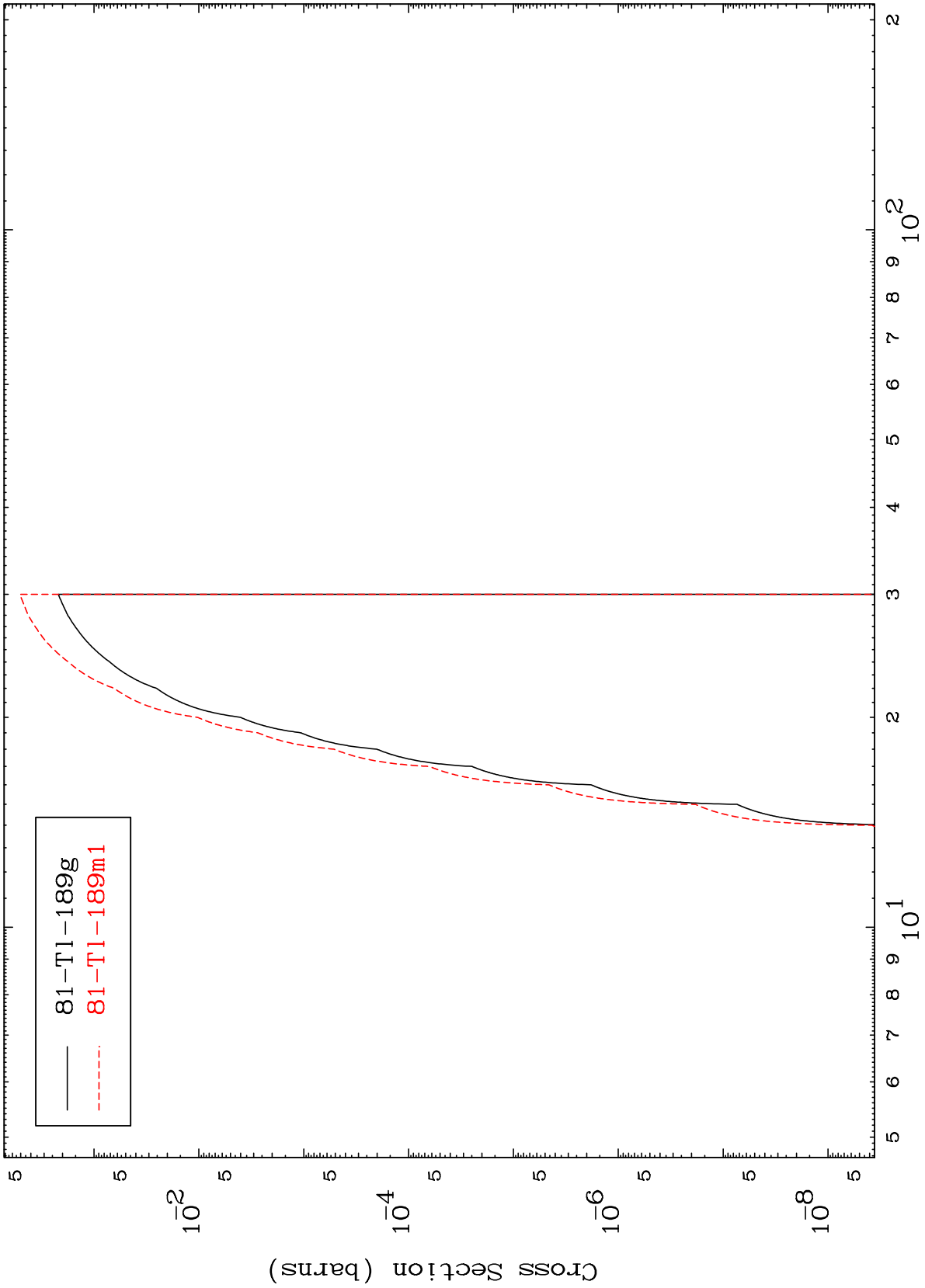


MAT 8005

(He-3, t)

80-Hg-189

Radionuclide Production Cross Section



81-Tl-189g  
81-Tl-189m1

25

Incident Energy (MeV)

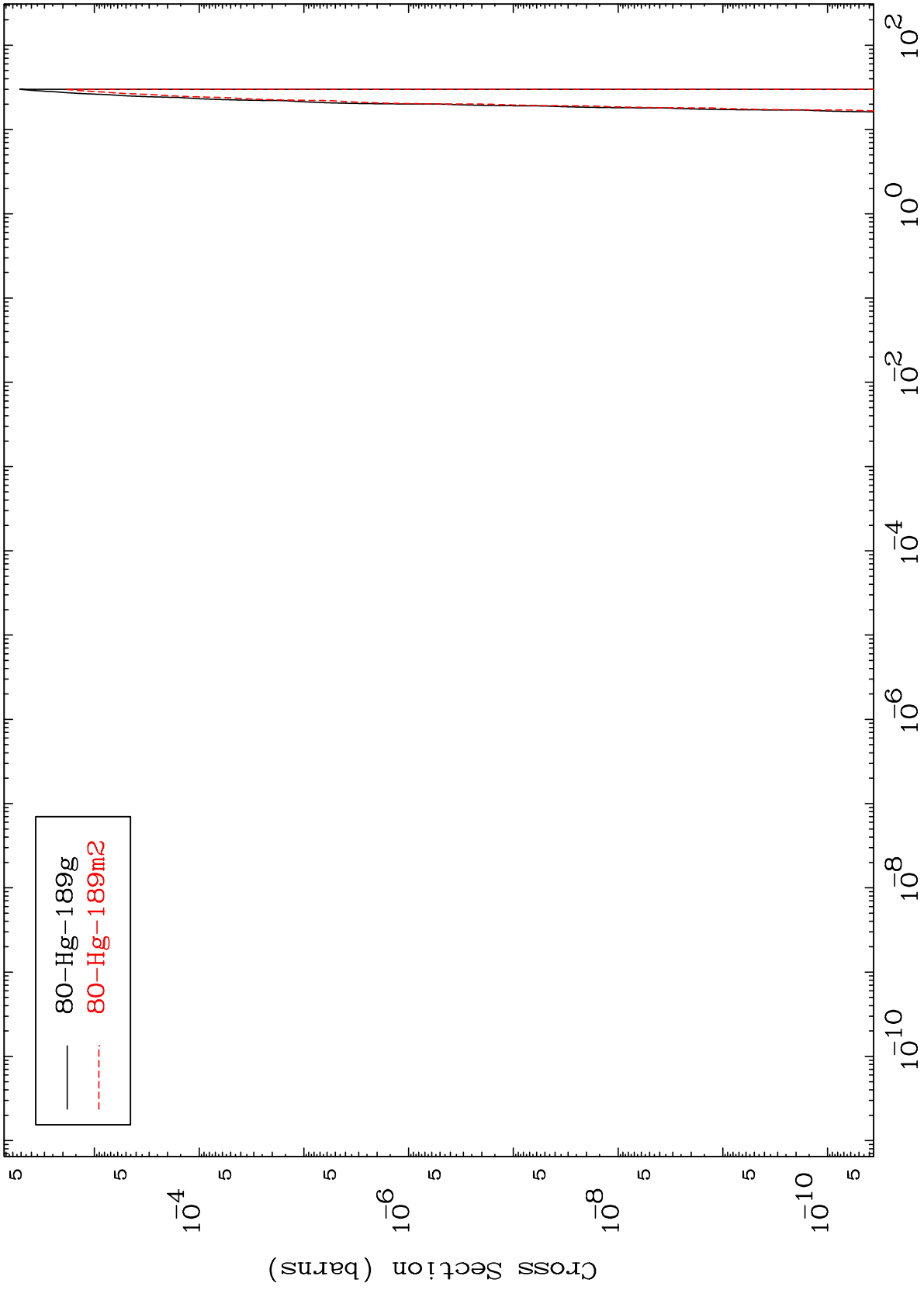
80-Hg-189

MAT 8005

(He-3, He-3)

80-Hg-189

Radionuclide Production Cross Section



26

Incident Energy (MeV)

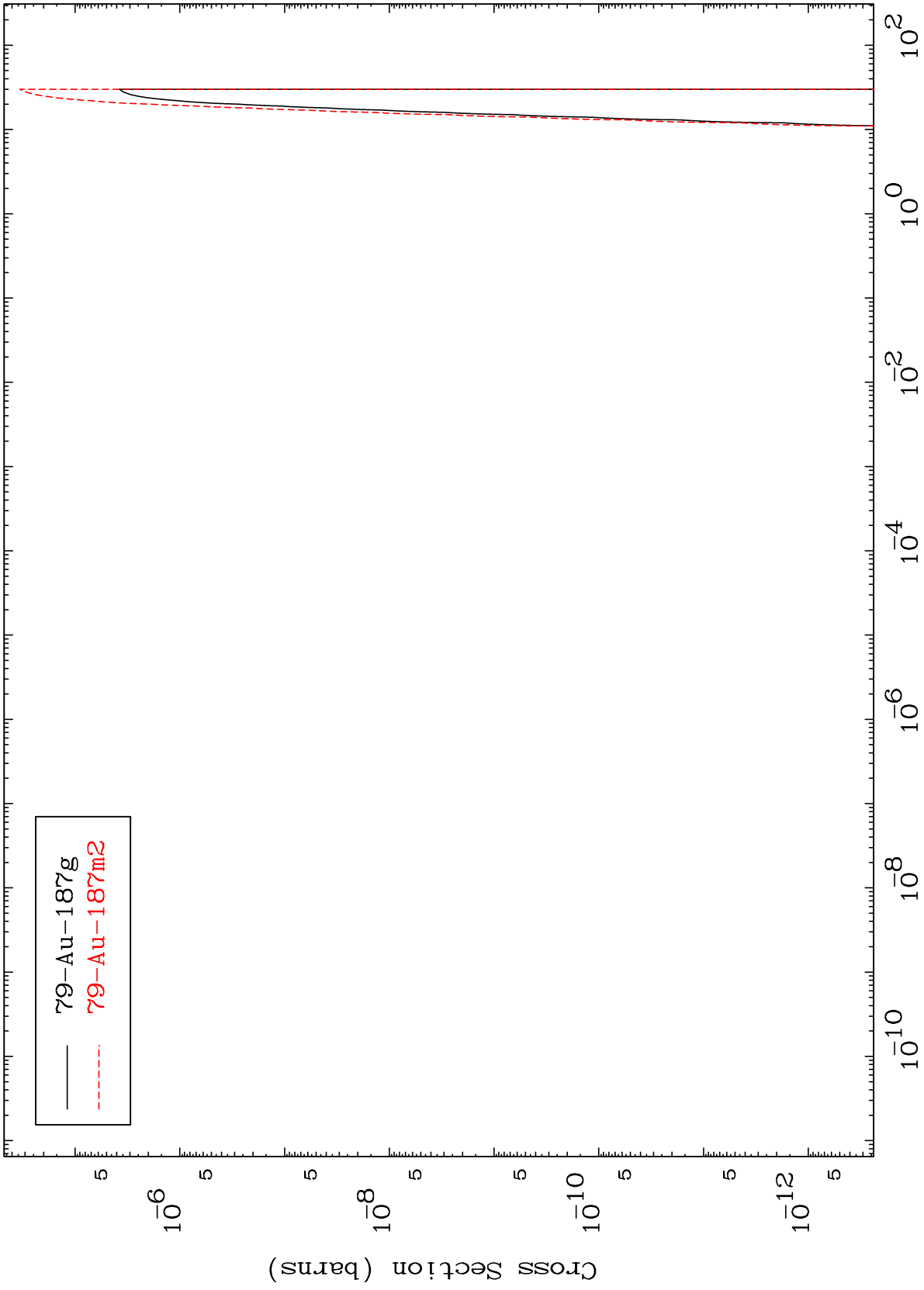
80-Hg-189

MAT 8005

(He-3, p)  $\alpha$

80-Hg-189

Radionuclide Production Cross Section



27

Incident Energy (MeV)

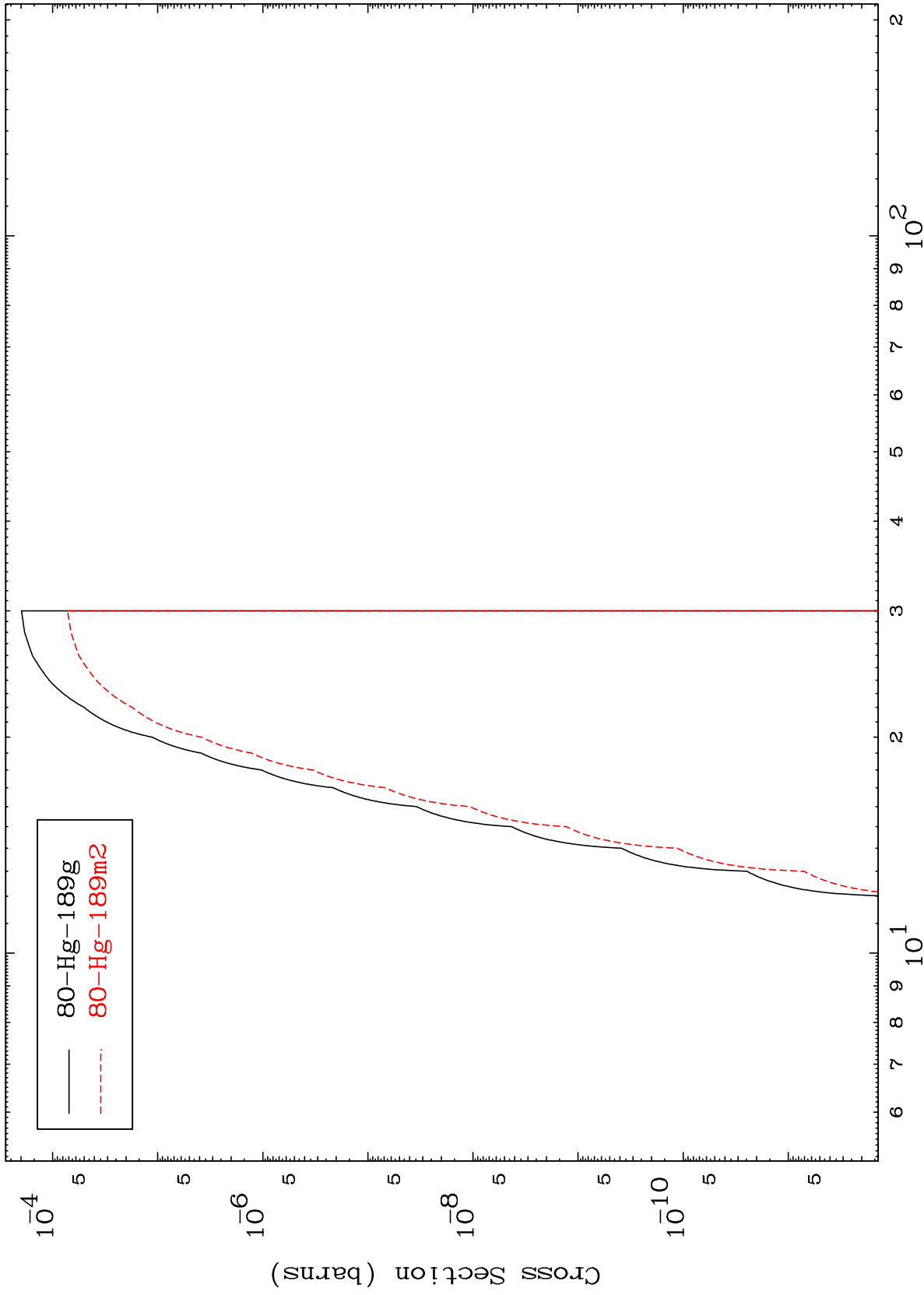
80-Hg-189

MAT 8005

(He-3, p) d

80-Hg-189

Radionuclide Production Cross Section



28

Incident Energy (MeV)

80-Hg-189