

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

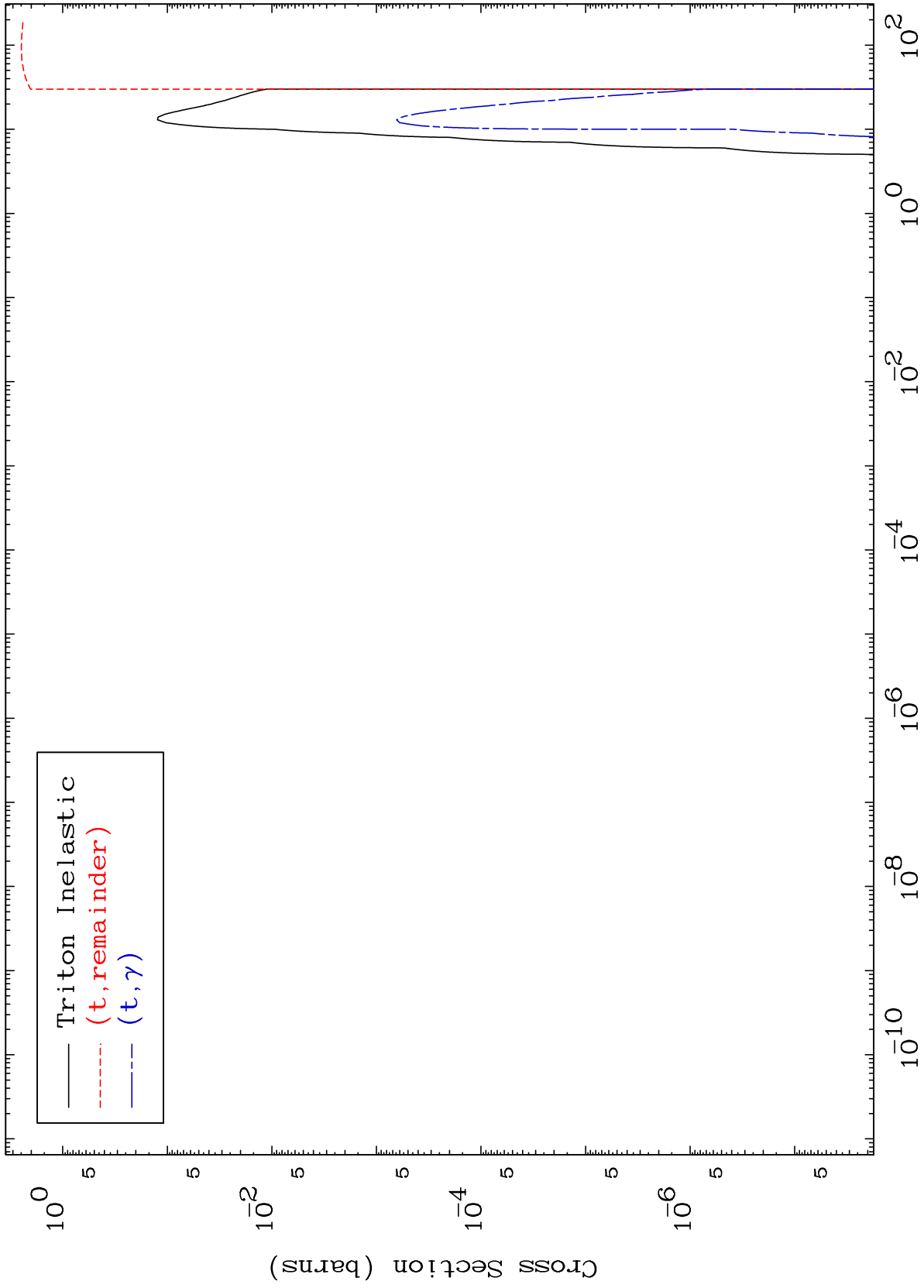
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8180

Triton Major  
0 Kelvin Cross Sections

82-Pb-189



82-Pb-189

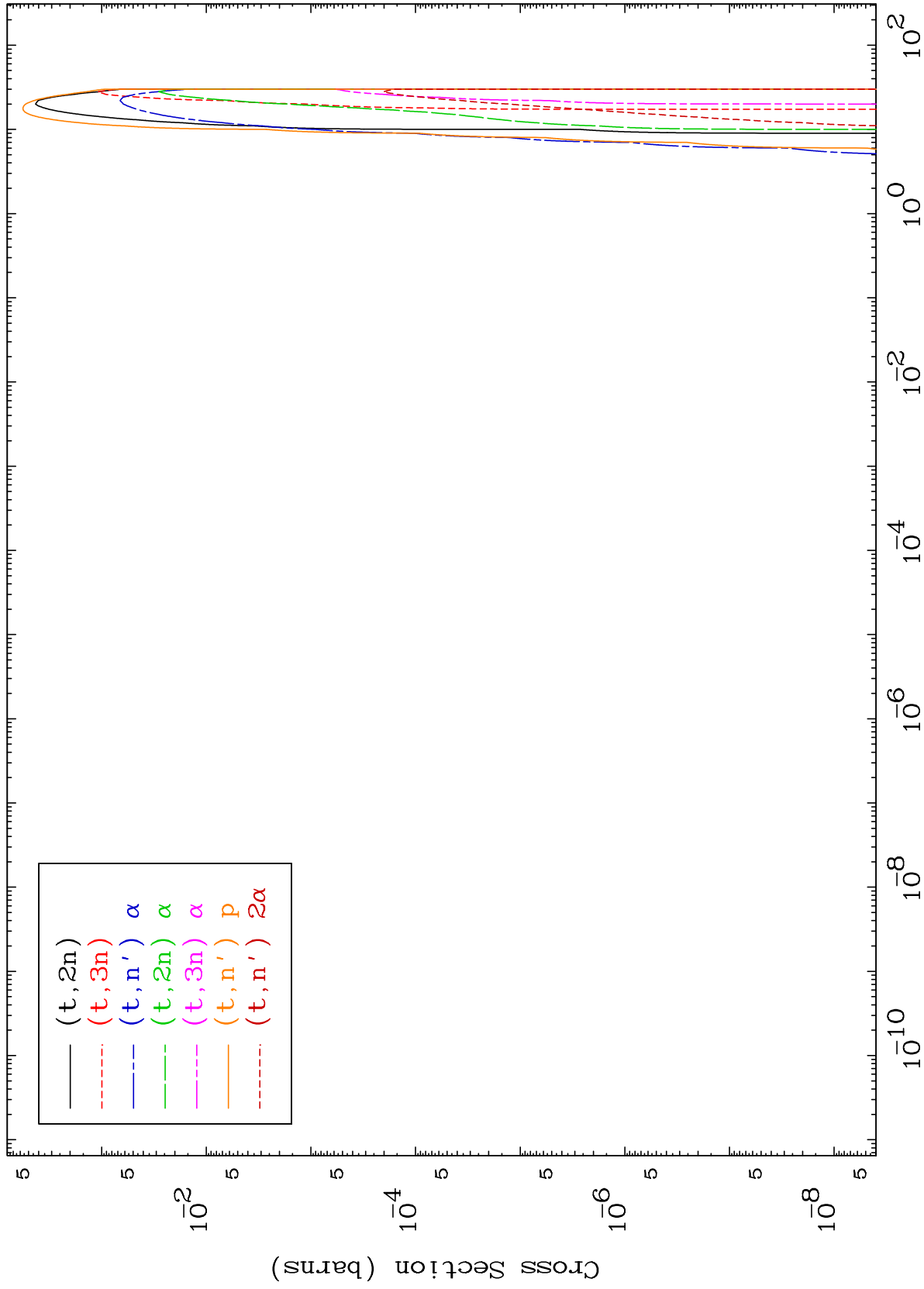
Incident Energy (MeV)

1

MAT 8180

Triton Neutron Production  
0 Kelvin Cross Sections

82-Pb-189



2

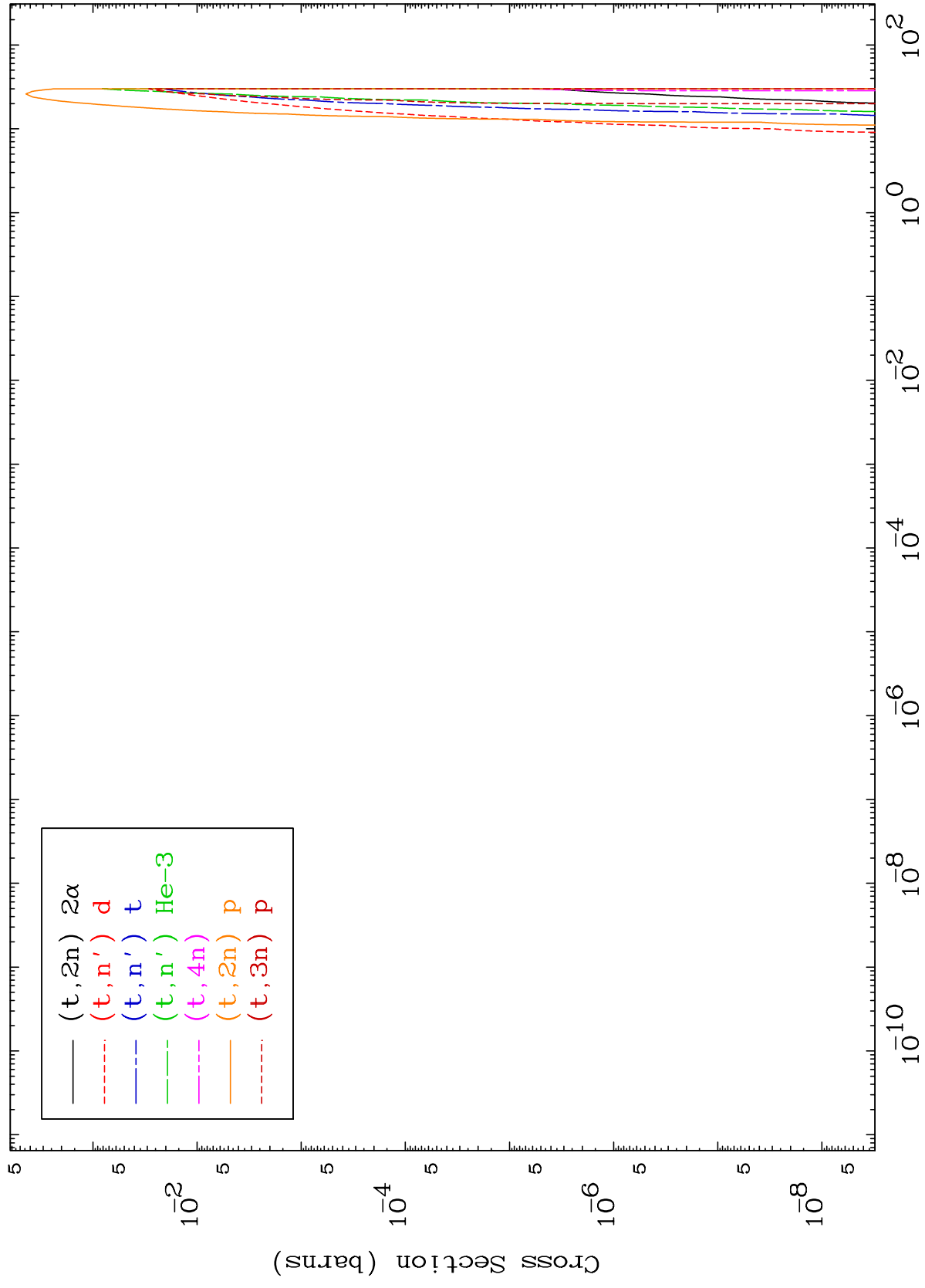
Incident Energy (MeV)

82-Pb-189

MAT 8180

Triton Neutron Production  
0 Kelvin Cross Sections

82-Pb-189



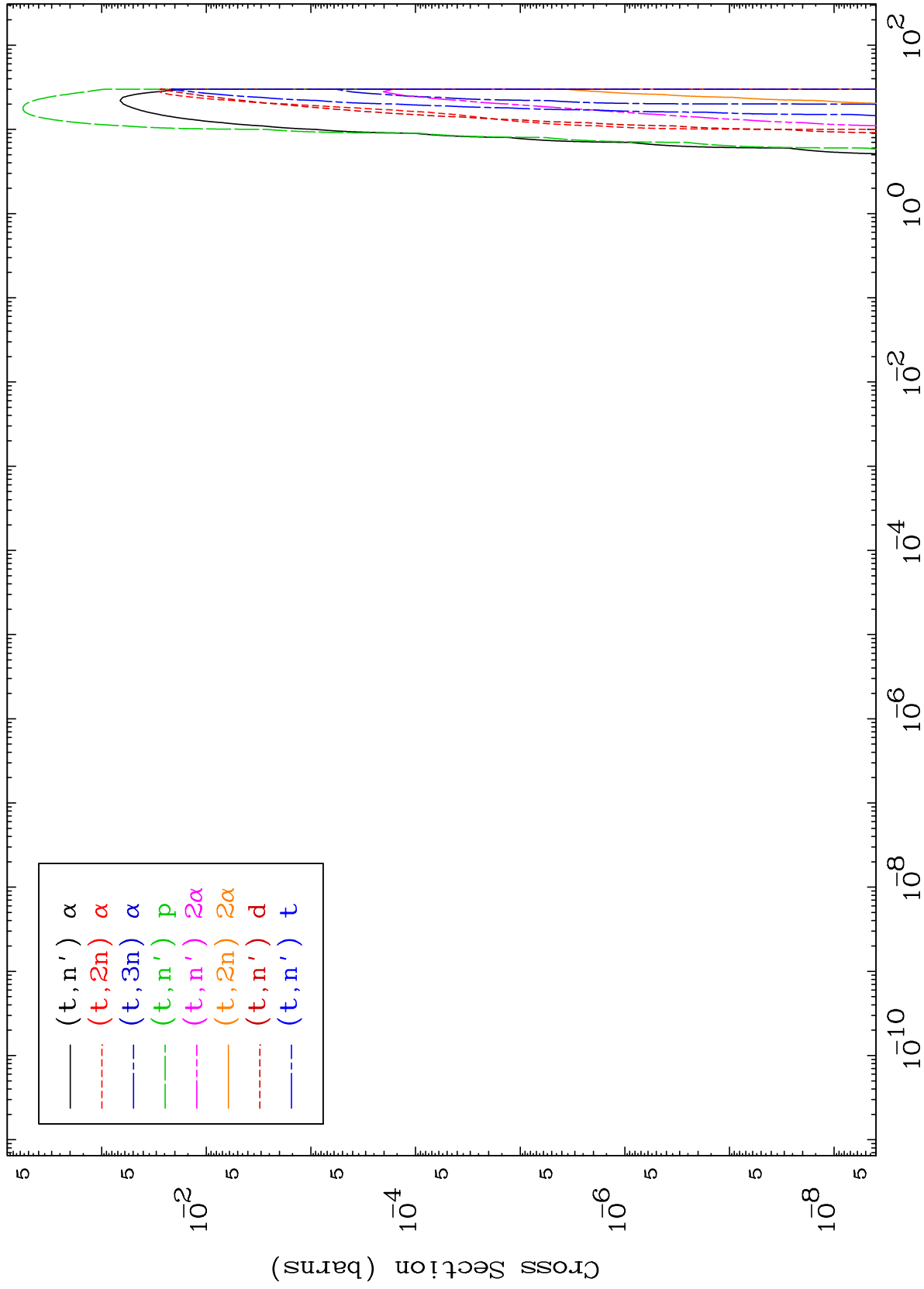
3

82-Pb-189

MAT 8180

Triton Charged Particle  
0 Kelvin Cross Sections

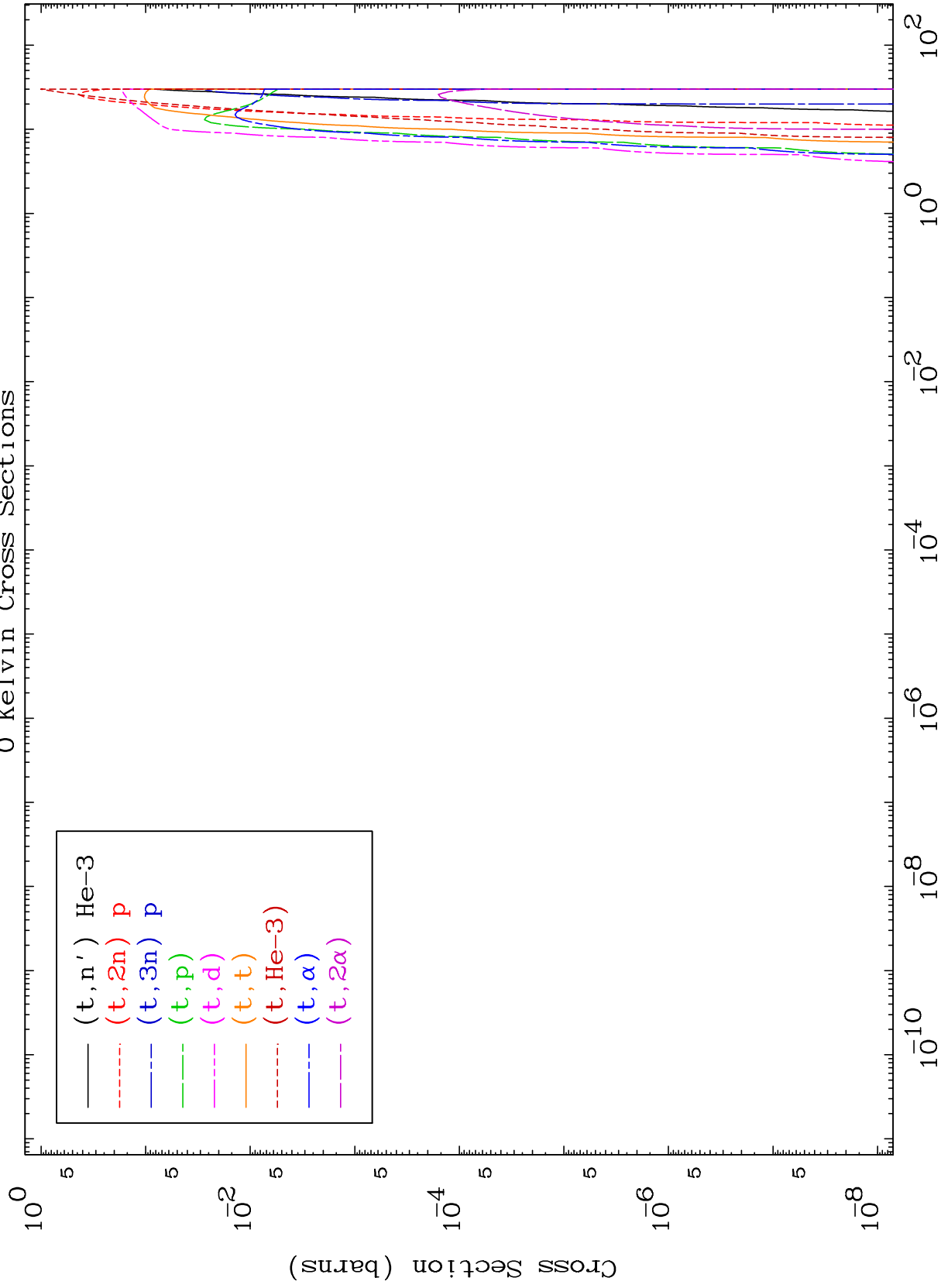
82-Pb-189



MAT 8180

Triton Charged Particle  
0 Kelvin Cross Sections

82-Pb-189



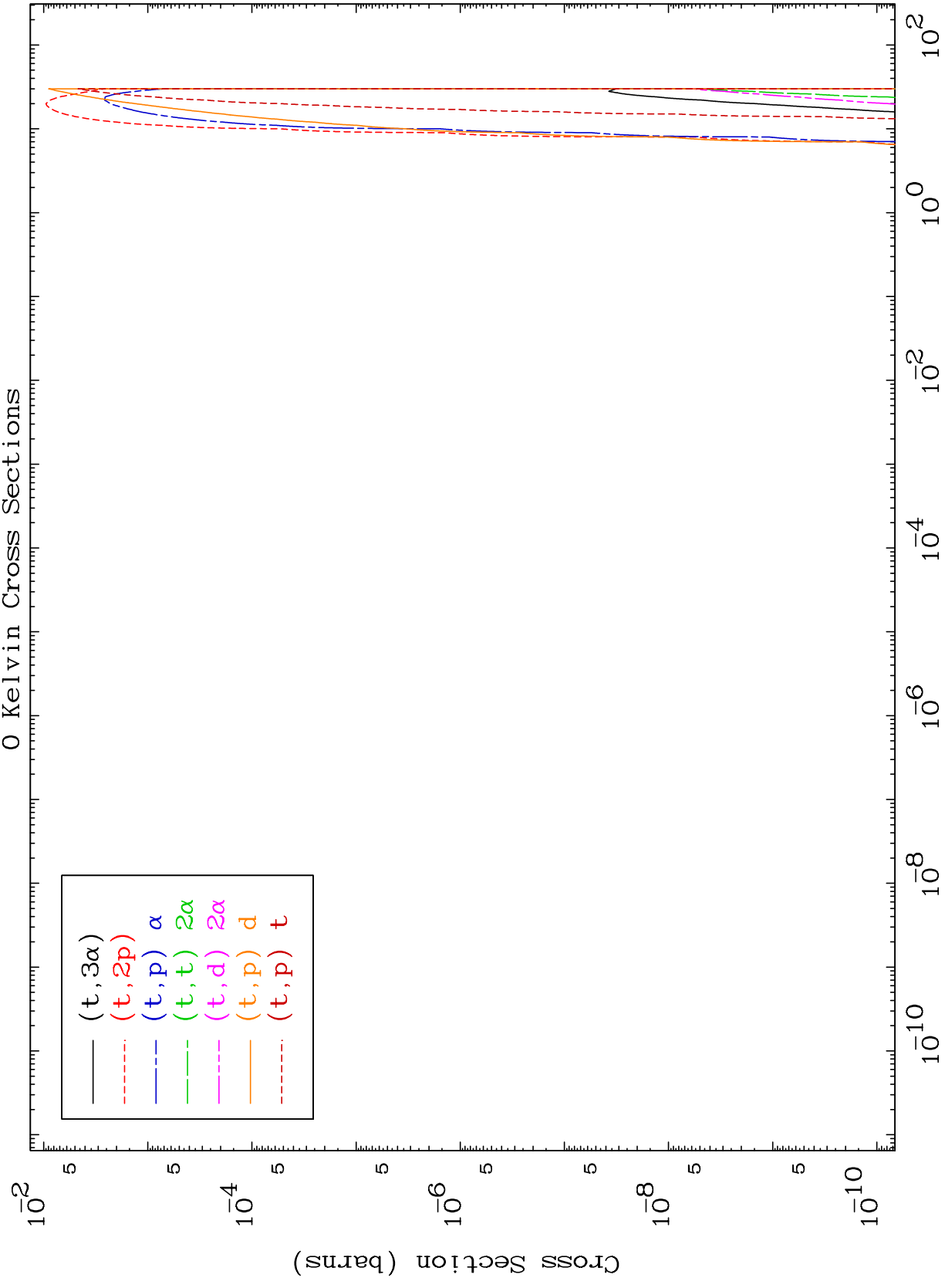
5

82-Pb-189

MAT 8180

Triton Charged Particle  
0 Kelvin Cross Sections

82-Pb-189

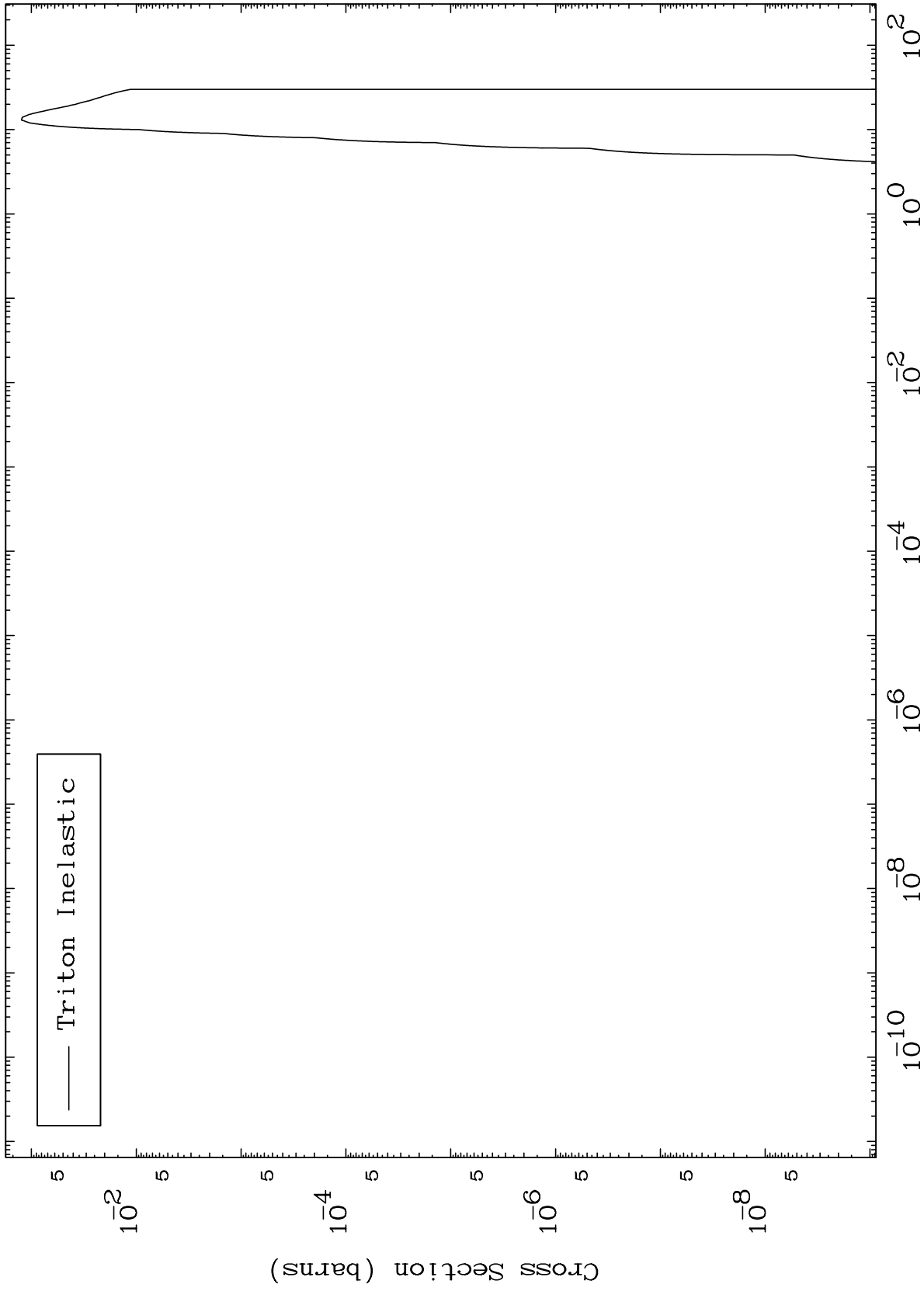


82-Pb-189

MAT 8180

(t,n') Level  
0 Kelvin Cross Sections

82-Pb-189



7

Incident Energy (MeV)

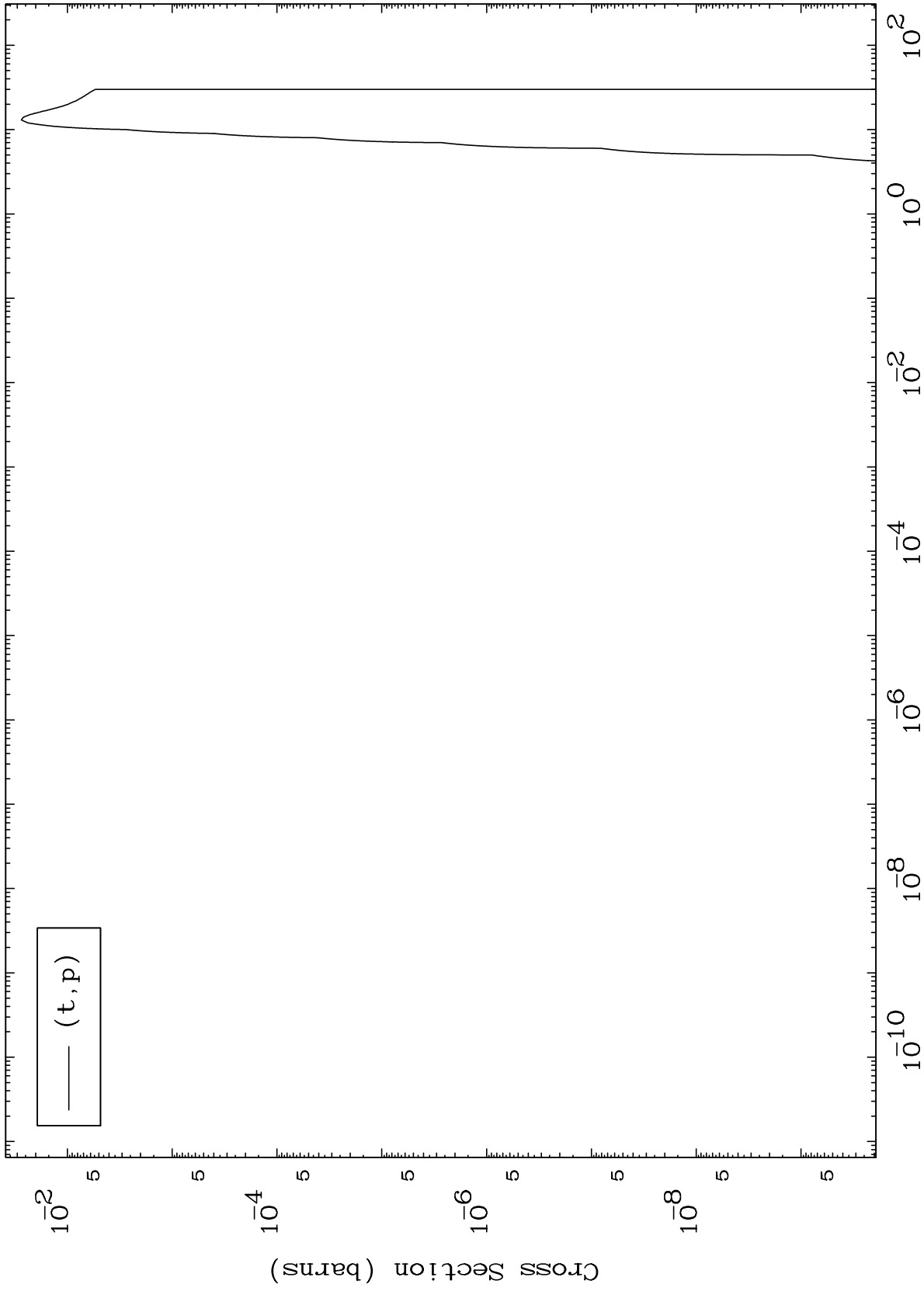
82-Pb-189



MAT 8180

(t,p) Levels  
0 Kelvin Cross Sections

82-Pb-189



8

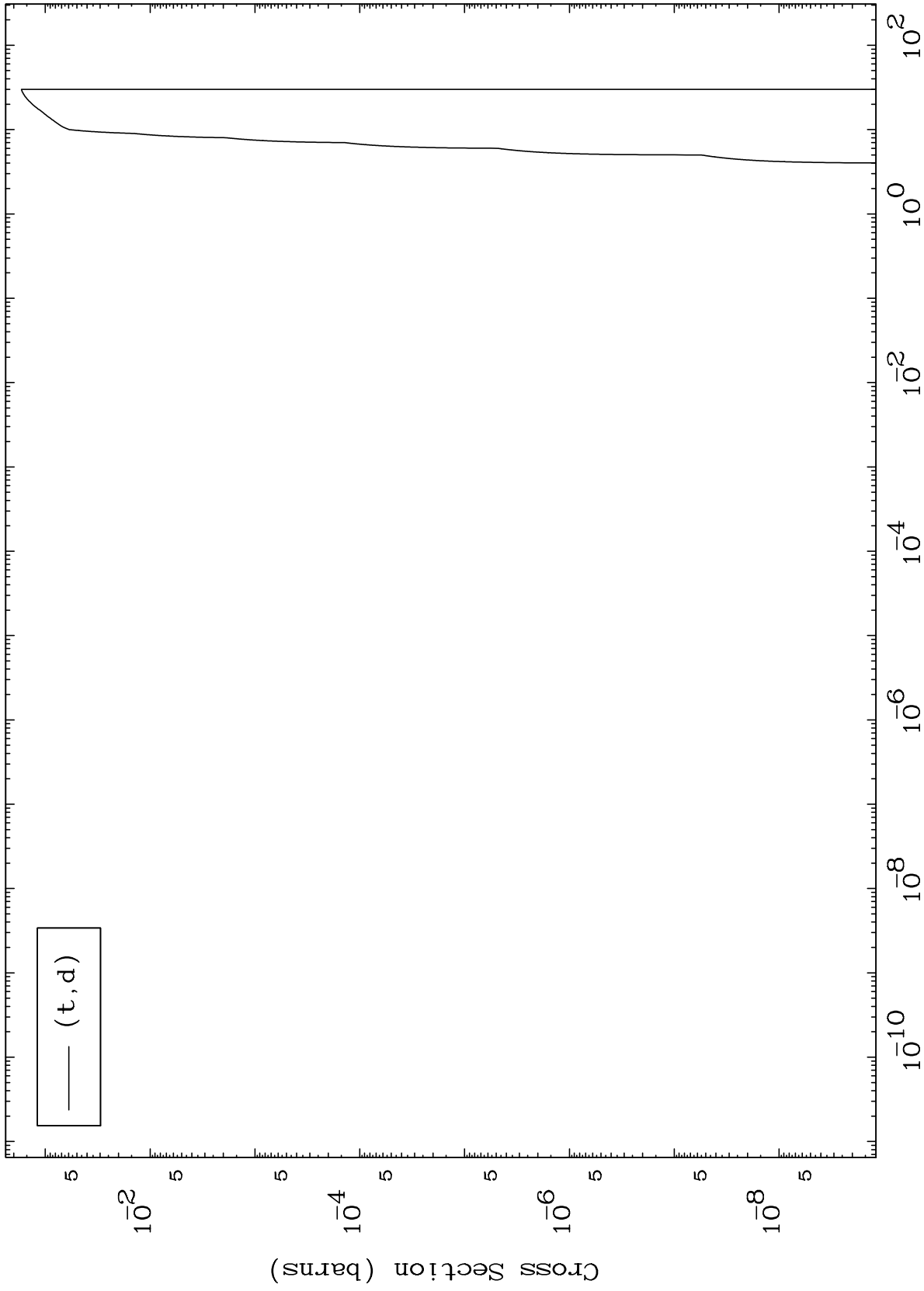
Incident Energy (MeV)

82-Pb-189

MAT 8180

(t,d) Levels  
0 Kelvin Cross Sections

82-Pb-189



9

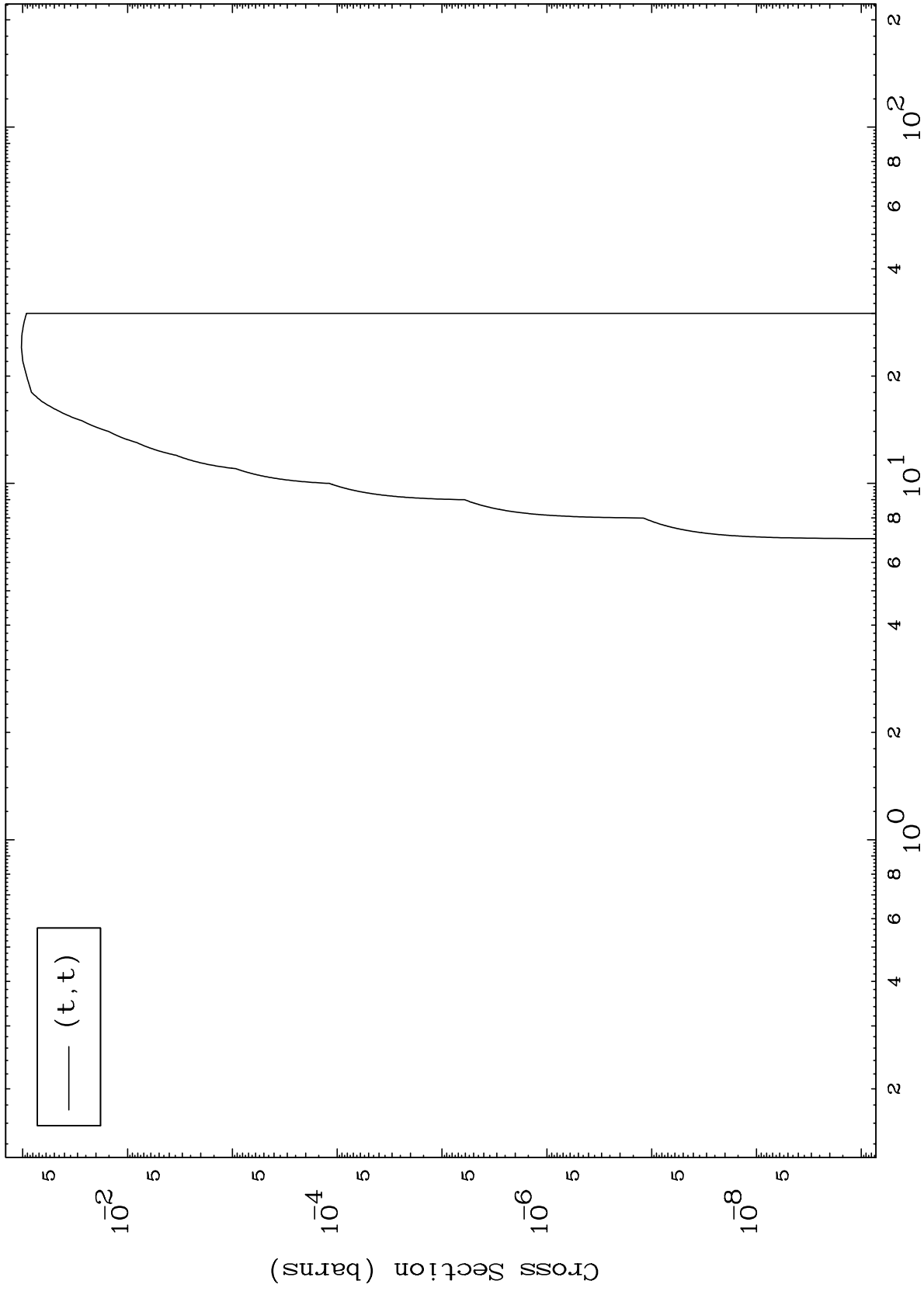
Incident Energy (MeV)

82-Pb-189

MAT 8180

(t,t) Levels  
0 Kelvin Cross Sections

82-Pb-189



10

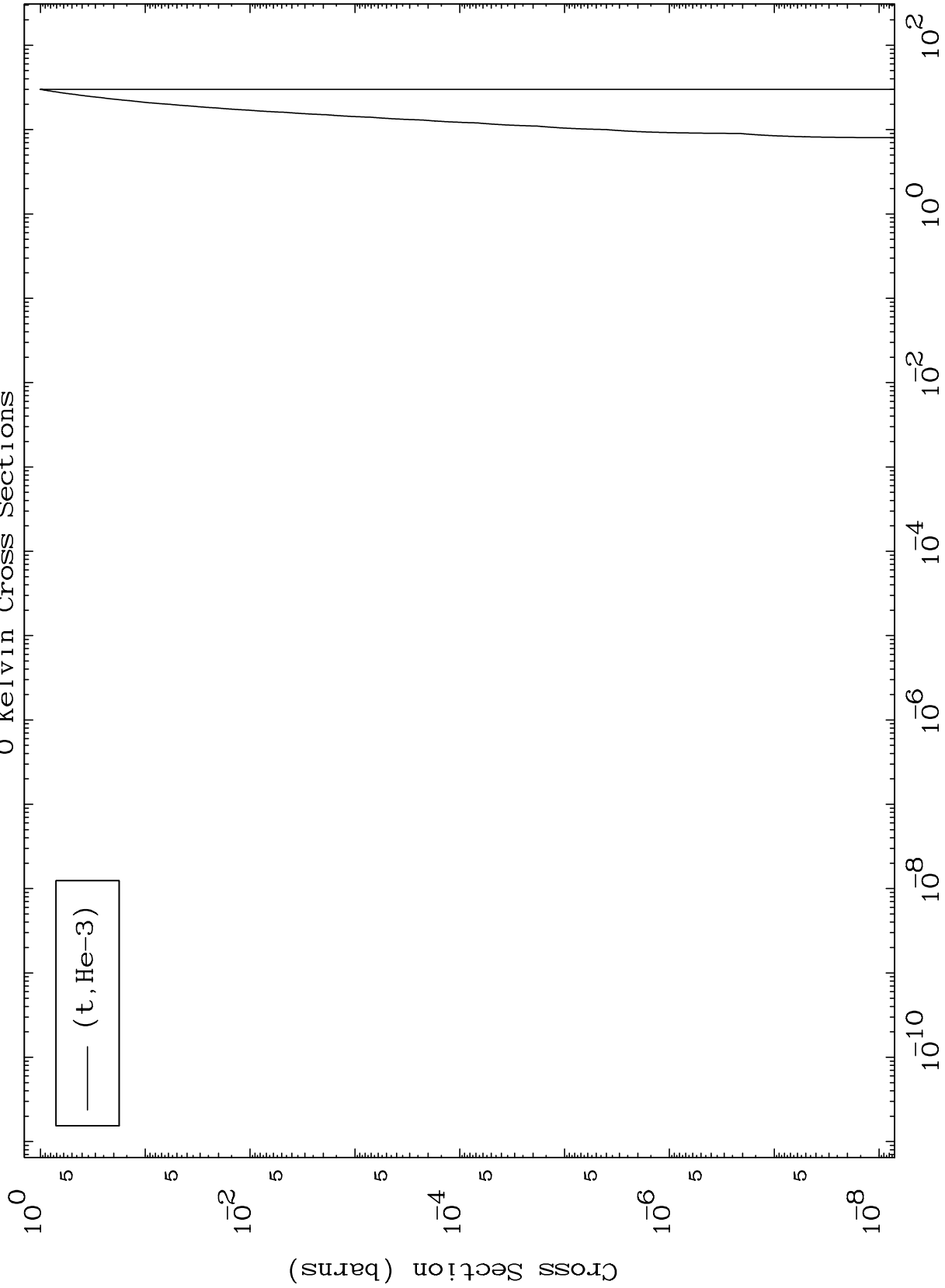
Incident Energy (MeV)

82-Pb-189

MAT 8180

(t,He3) Levels  
0 Kelvin Cross Sections

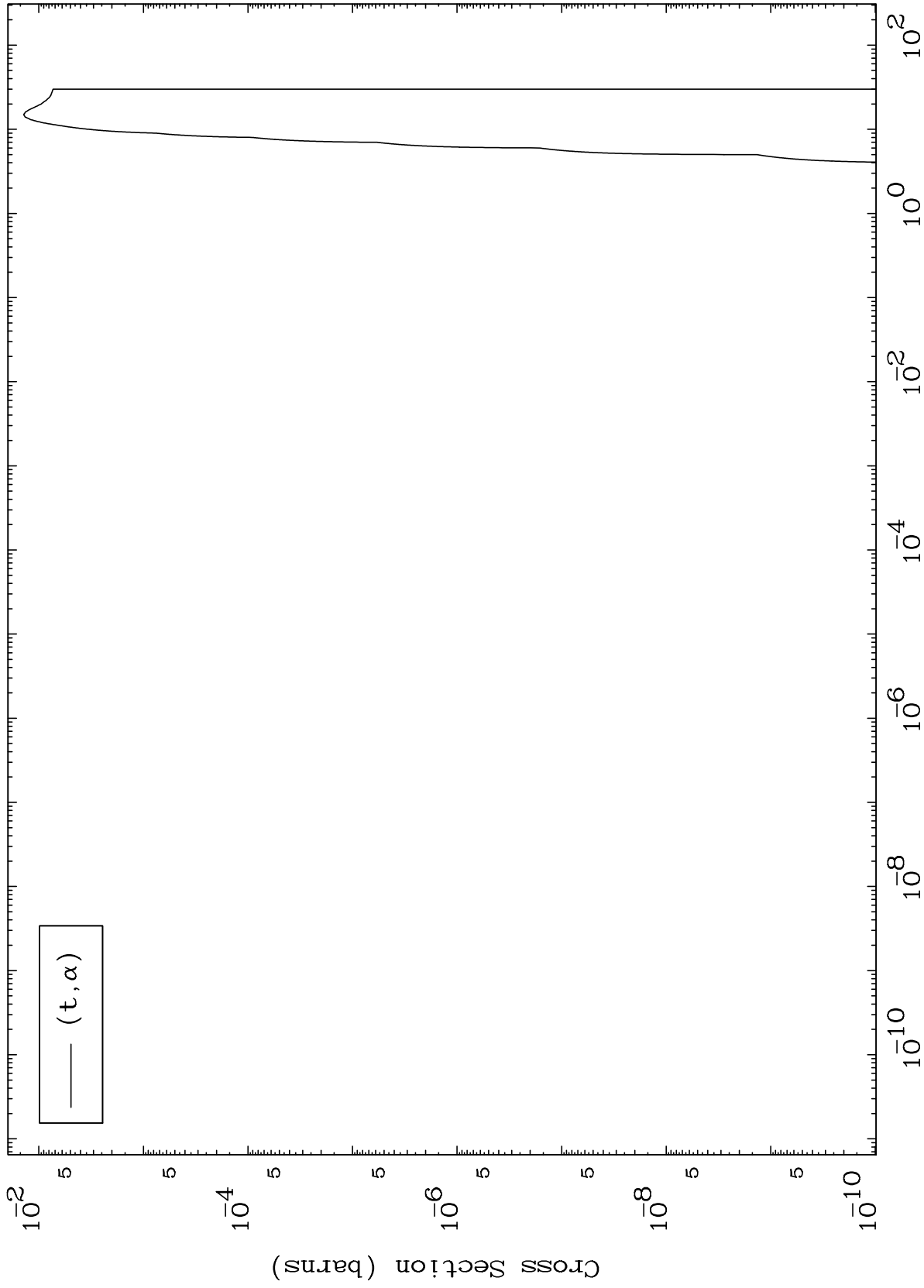
82-Pb-189



MAT 8180

(t,α) Levels  
0 Kelvin Cross Sections

82-Pb-189



12

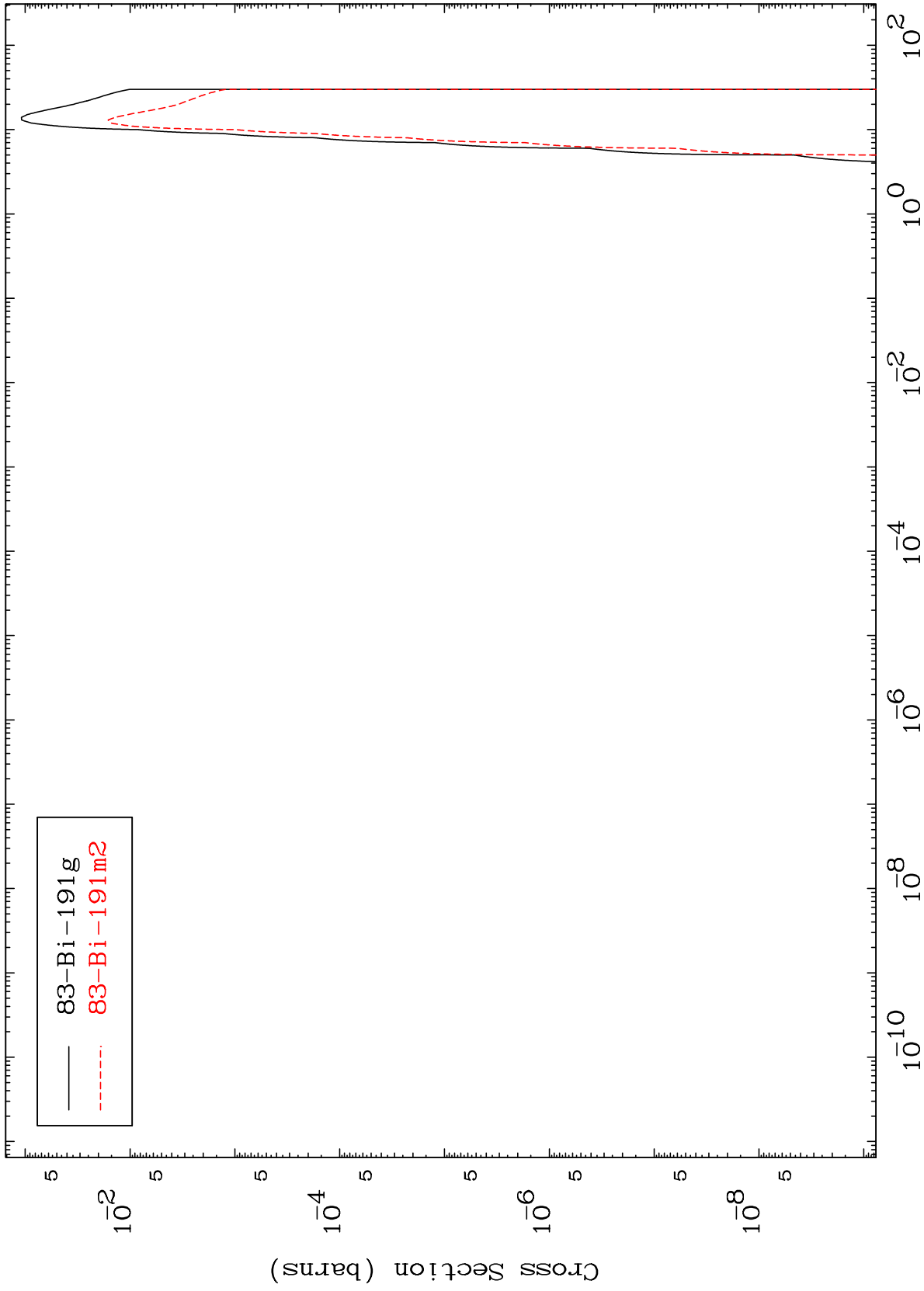
Incident Energy (MeV)

82-Pb-189

MAT 8180

Triton Inelastic  
Radionuclide Production Cross Section

82-Pb-189



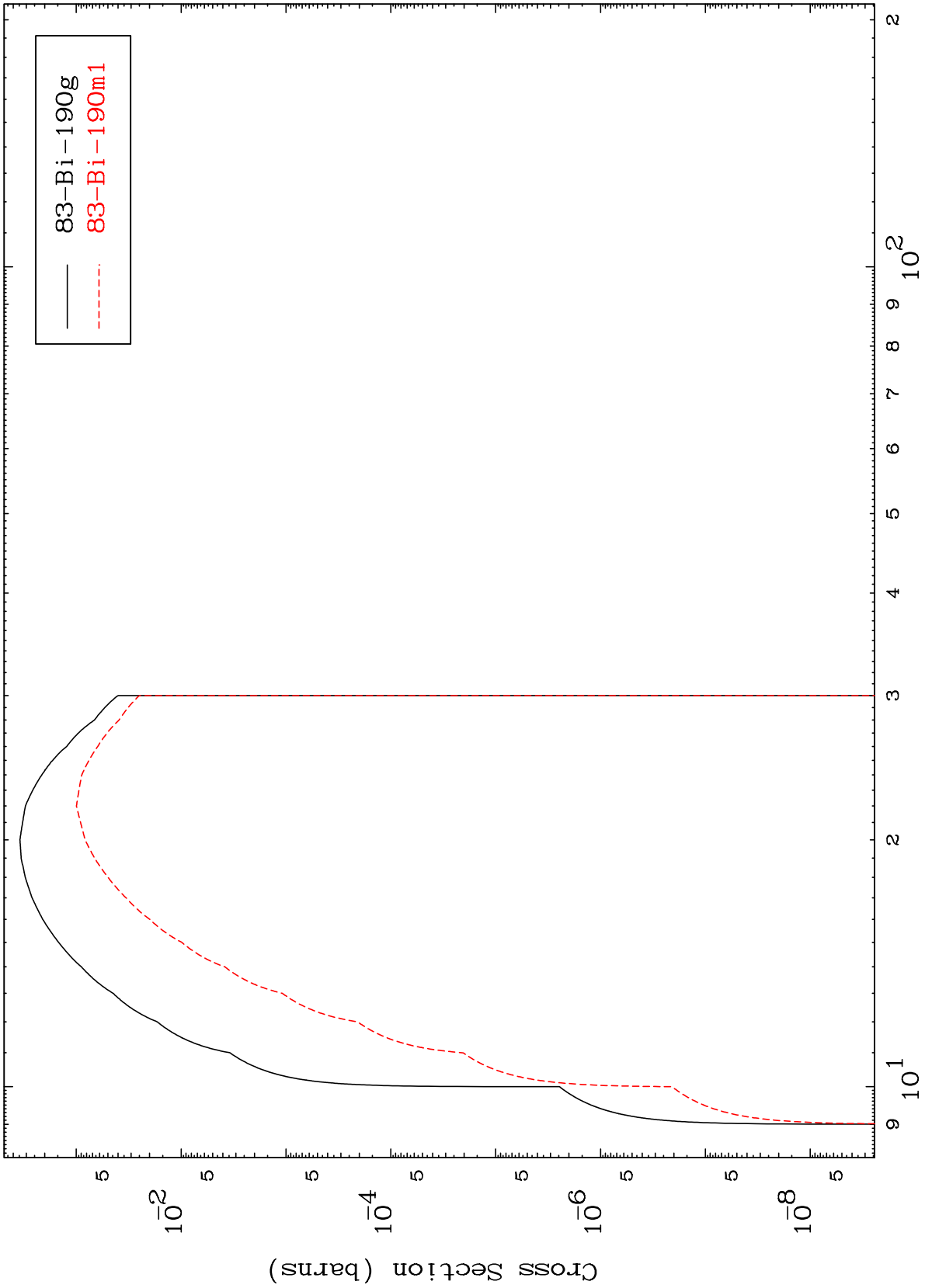
82-Pb-189

MAT 8180

(t,2n)

82-Pb-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

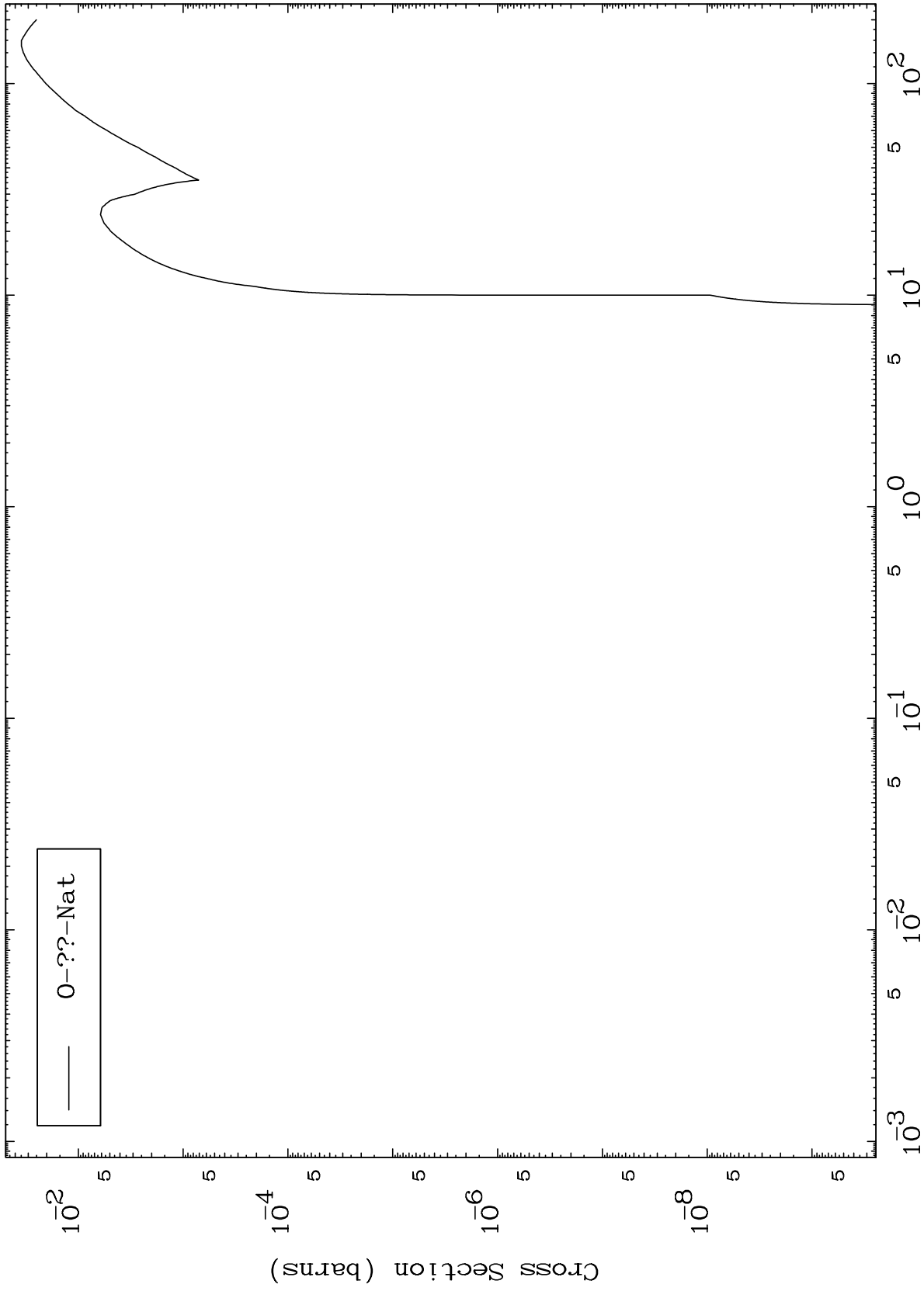
82-Pb-189

MAT 8180

Triton Fission

82-Pb-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-189

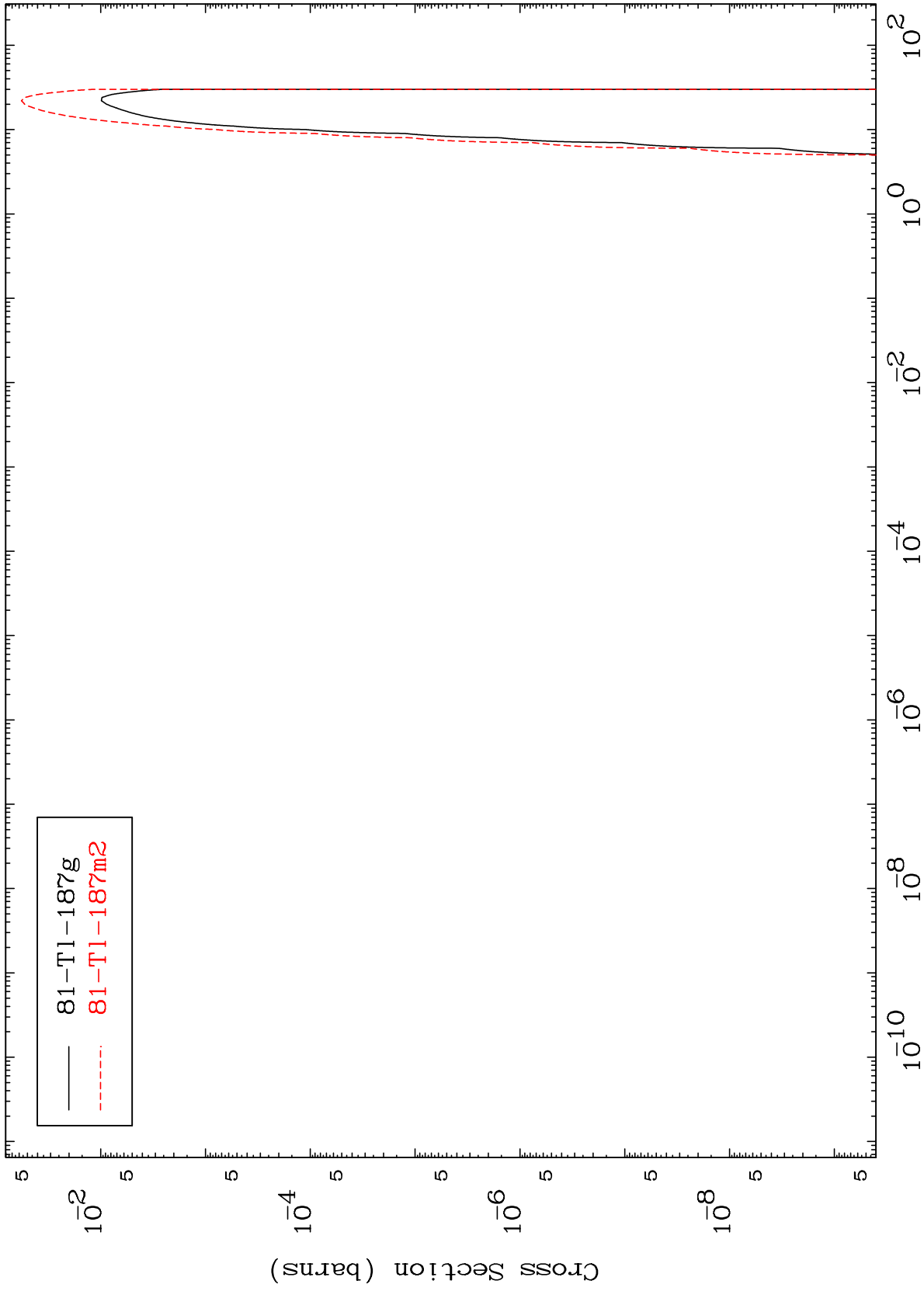


MAT 8180

(t,n')  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

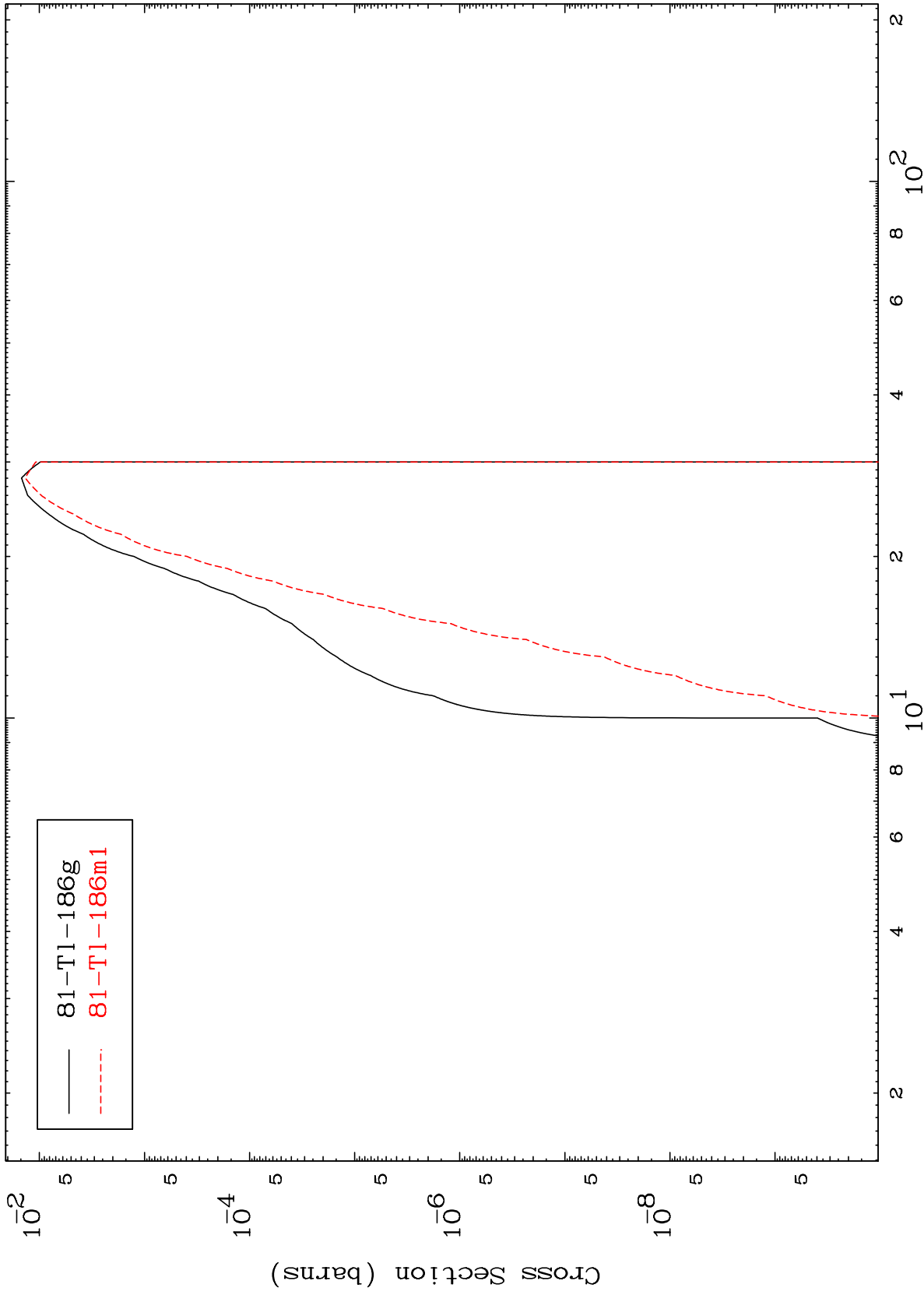
82-Pb-189

MAT 8180

(t,2n)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



17

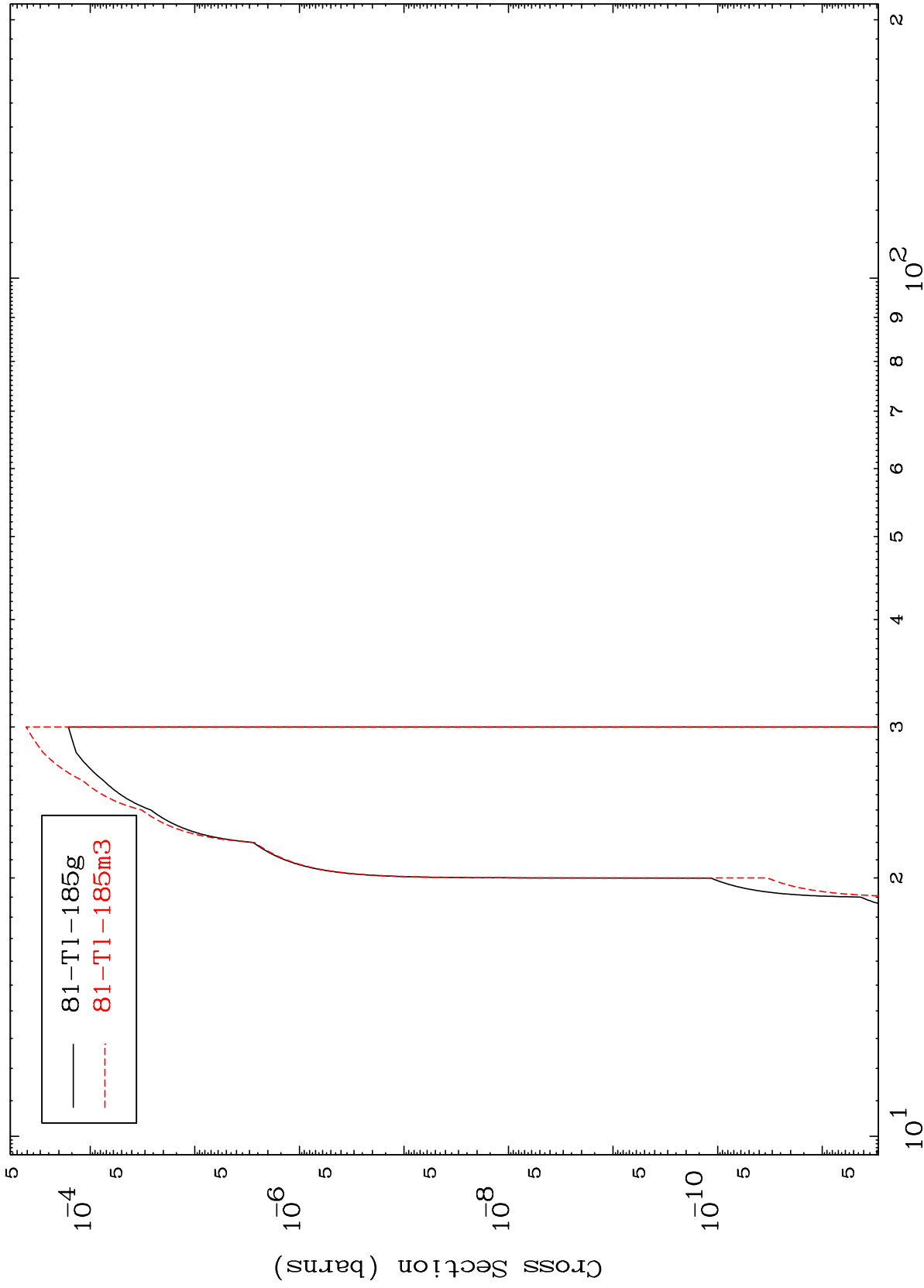
82-Pb-189

MAT 8180

(t,3n)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



82-Pb-189

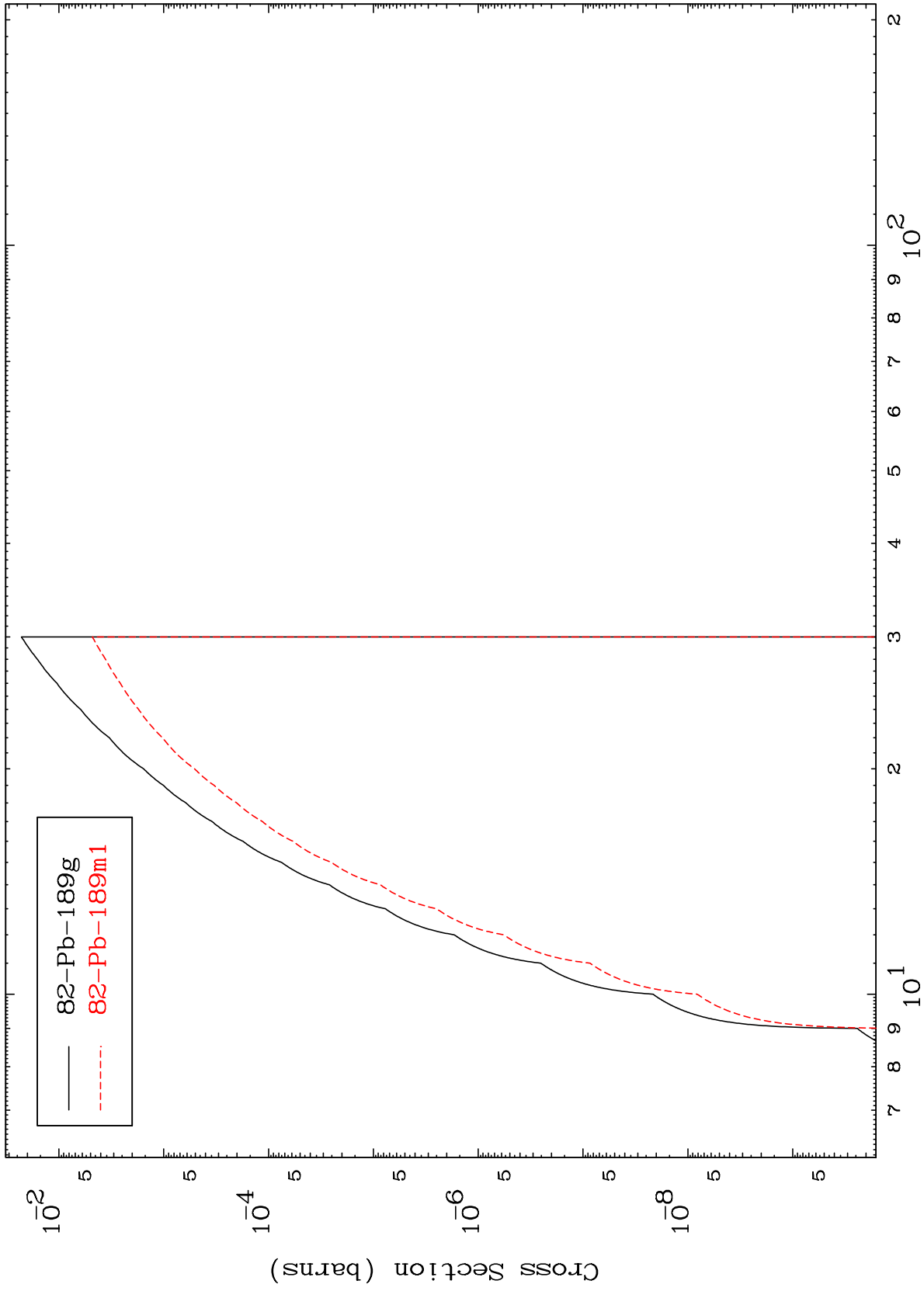
82-Pb-189

MAT 8180

(t,n') d

82-Pb-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

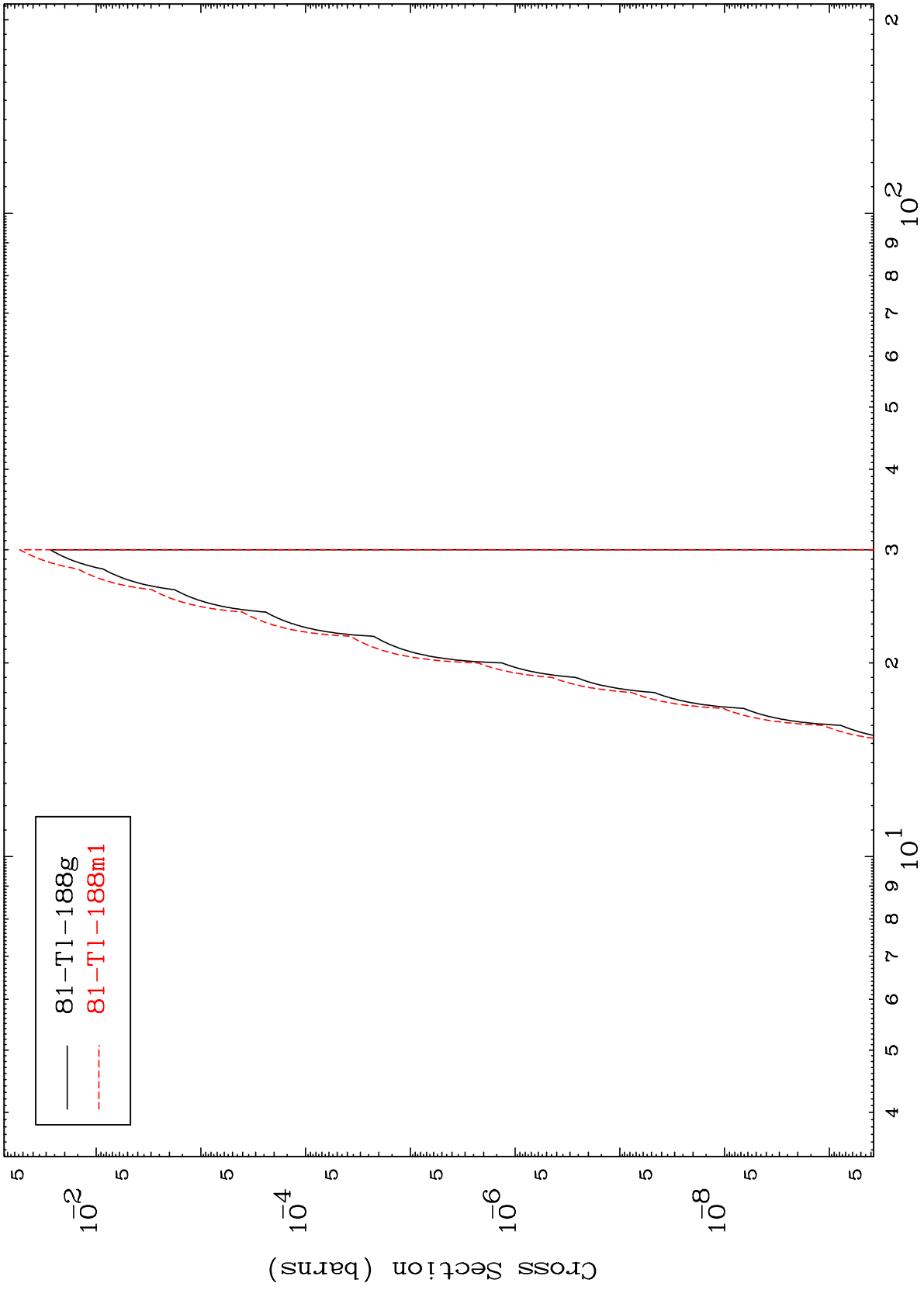
82-Pb-189

MAT 8180

(t, n') He-3

82-Pb-189

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

20

Incident Energy (MeV)

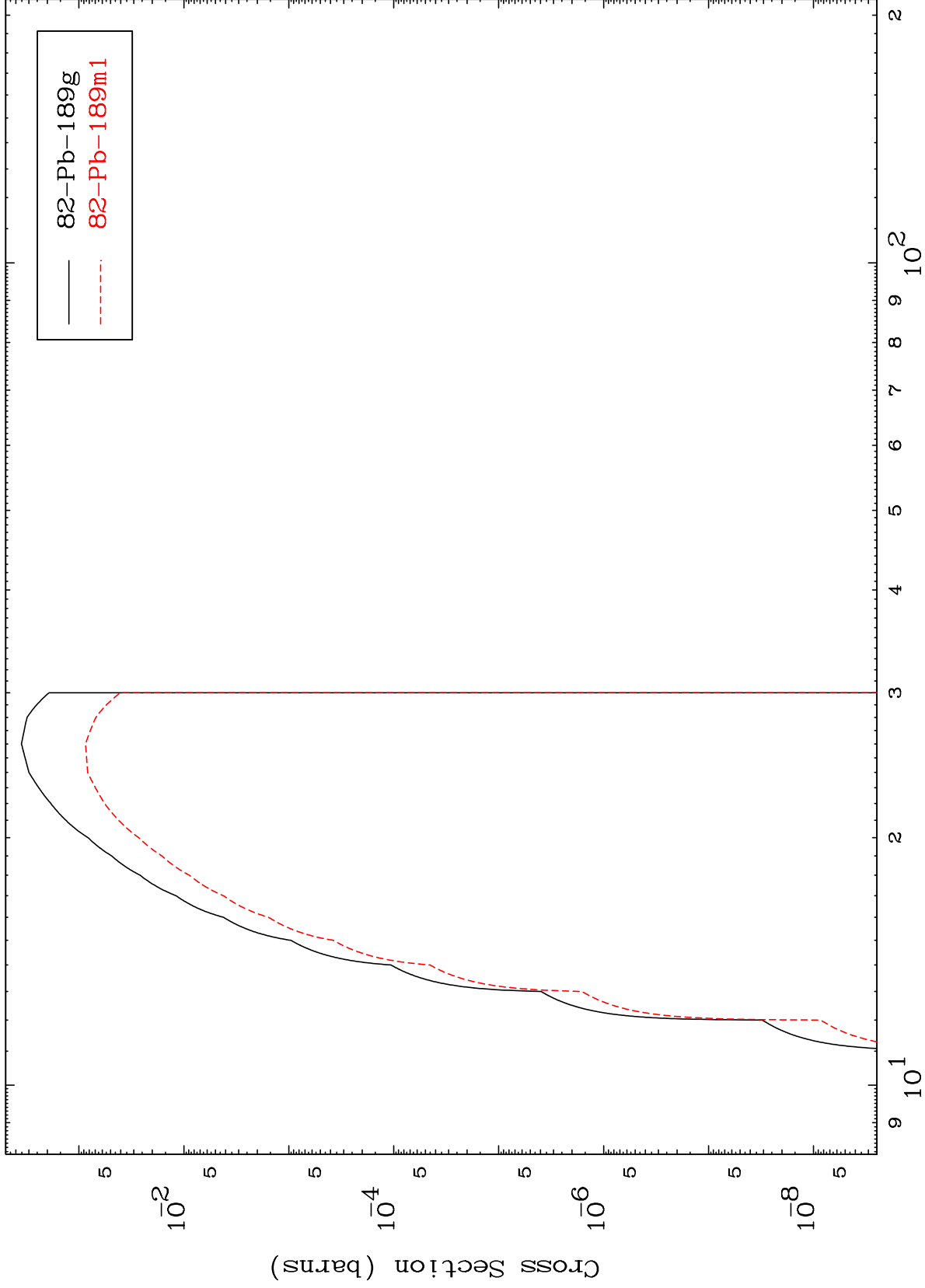
82-Pb-189

MAT 8180

(t,2n) p

82-Pb-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

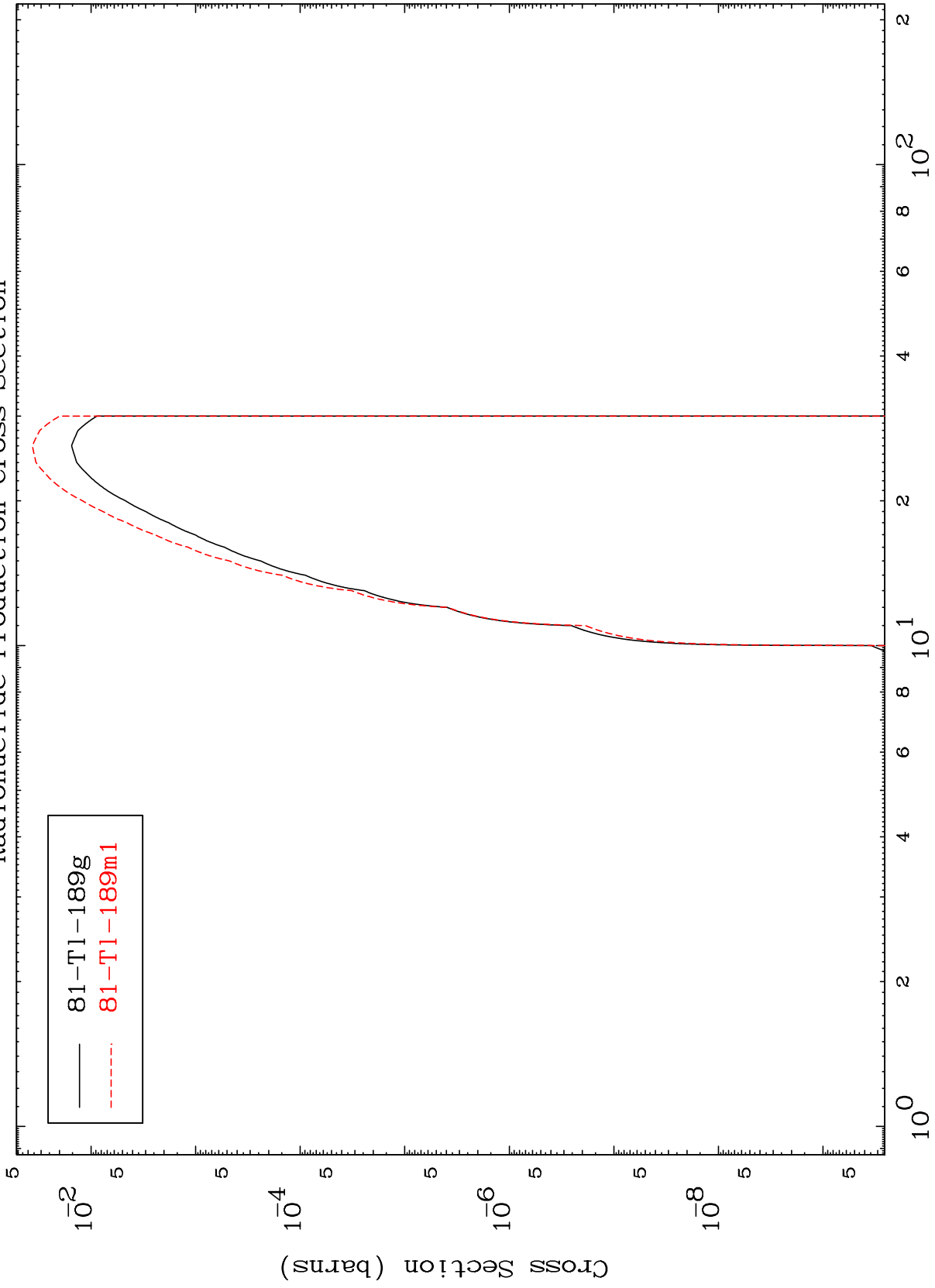
82-Pb-189

MAT 8180

(t,2n) p

82-Pb-189

Radionuclide Production Cross Section



22

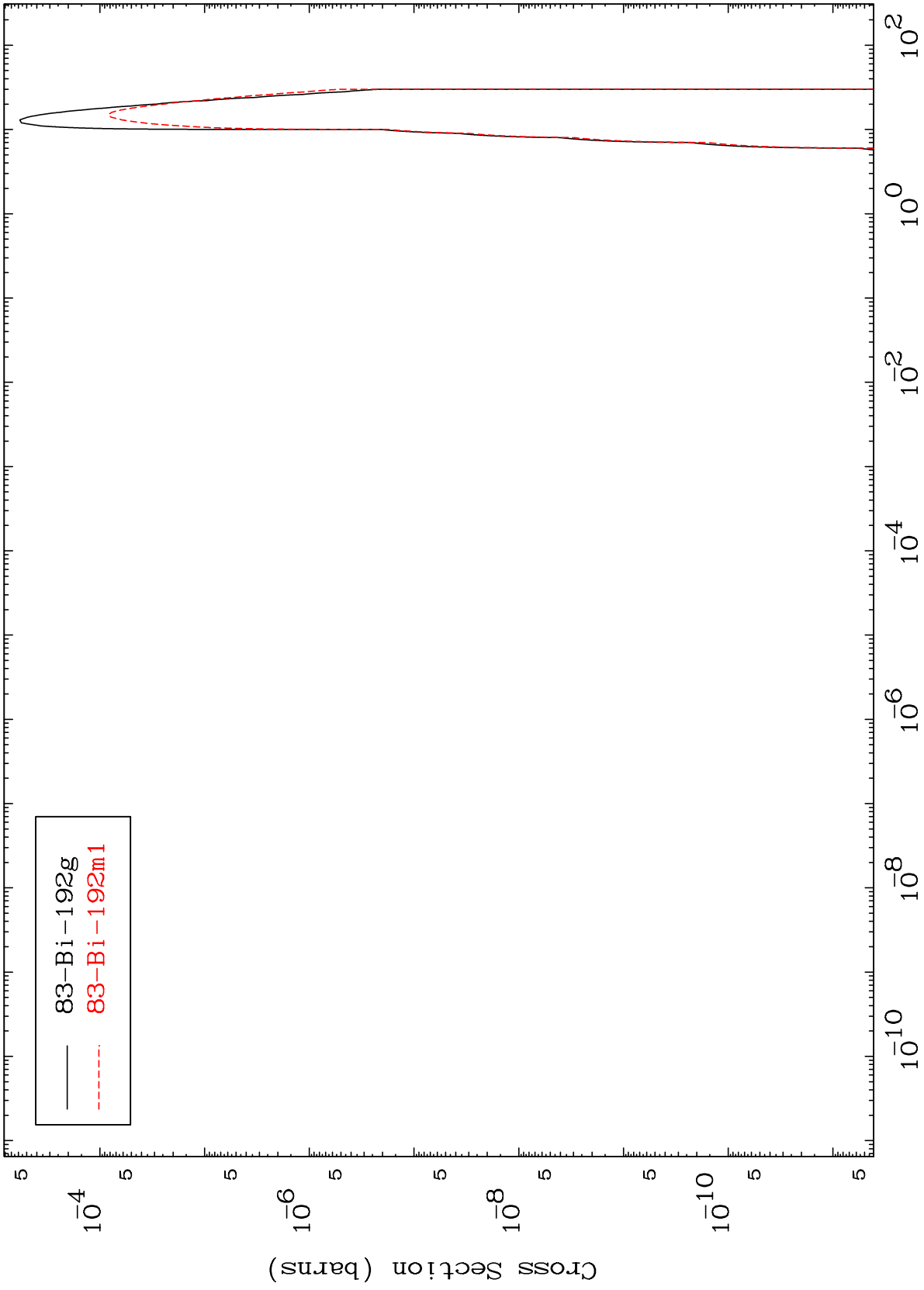
Incident Energy (MeV)

82-Pb-189

MAT 8180

$(t, \gamma)$   
Radionuclide Production Cross Section

$^{82}\text{Pb-189}$



23

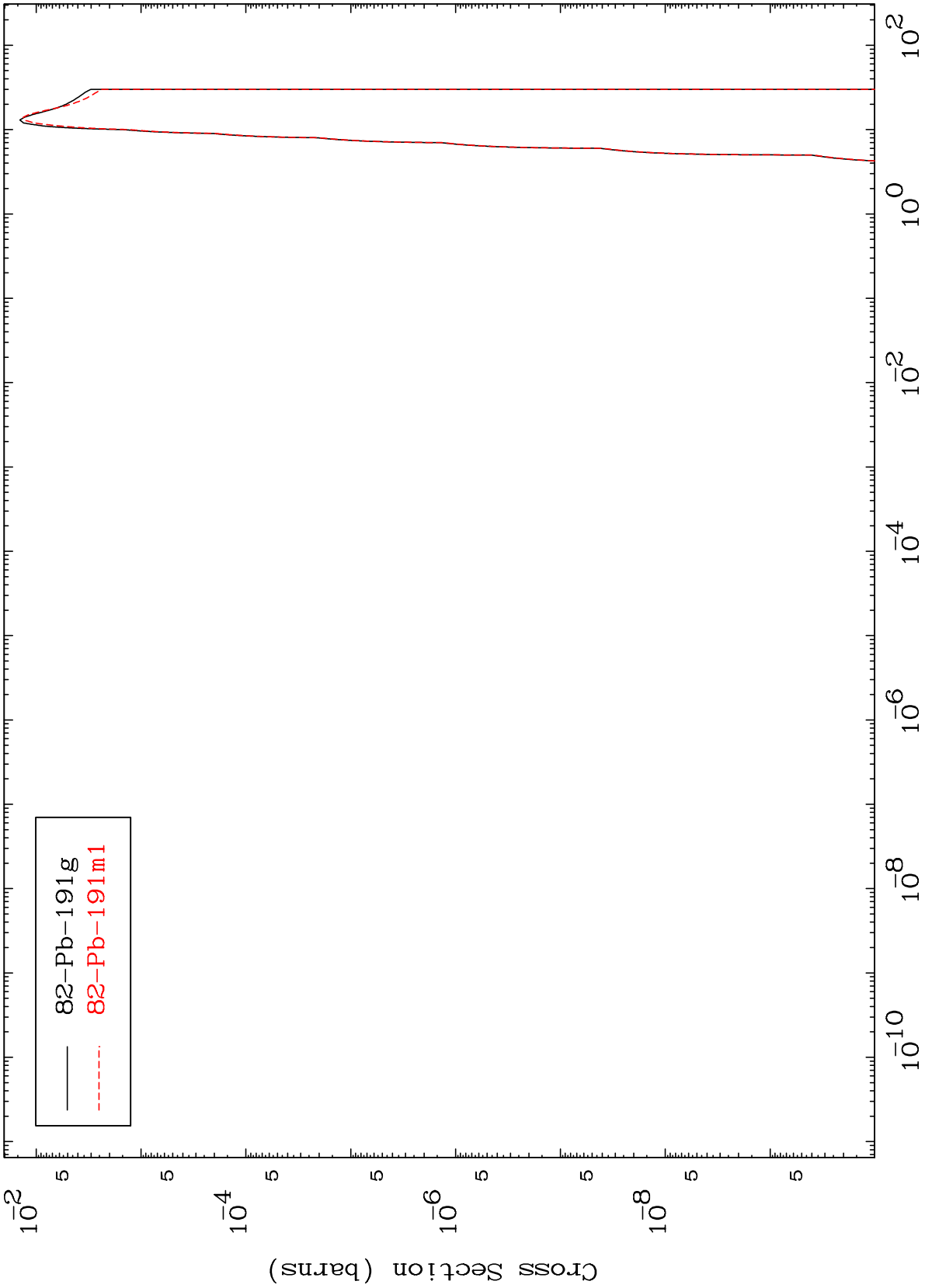
$^{82}\text{Pb-189}$



MAT 8180

(t,p)  
Radionuclide Production Cross Section

82-Pb-189



24

Incident Energy (MeV)

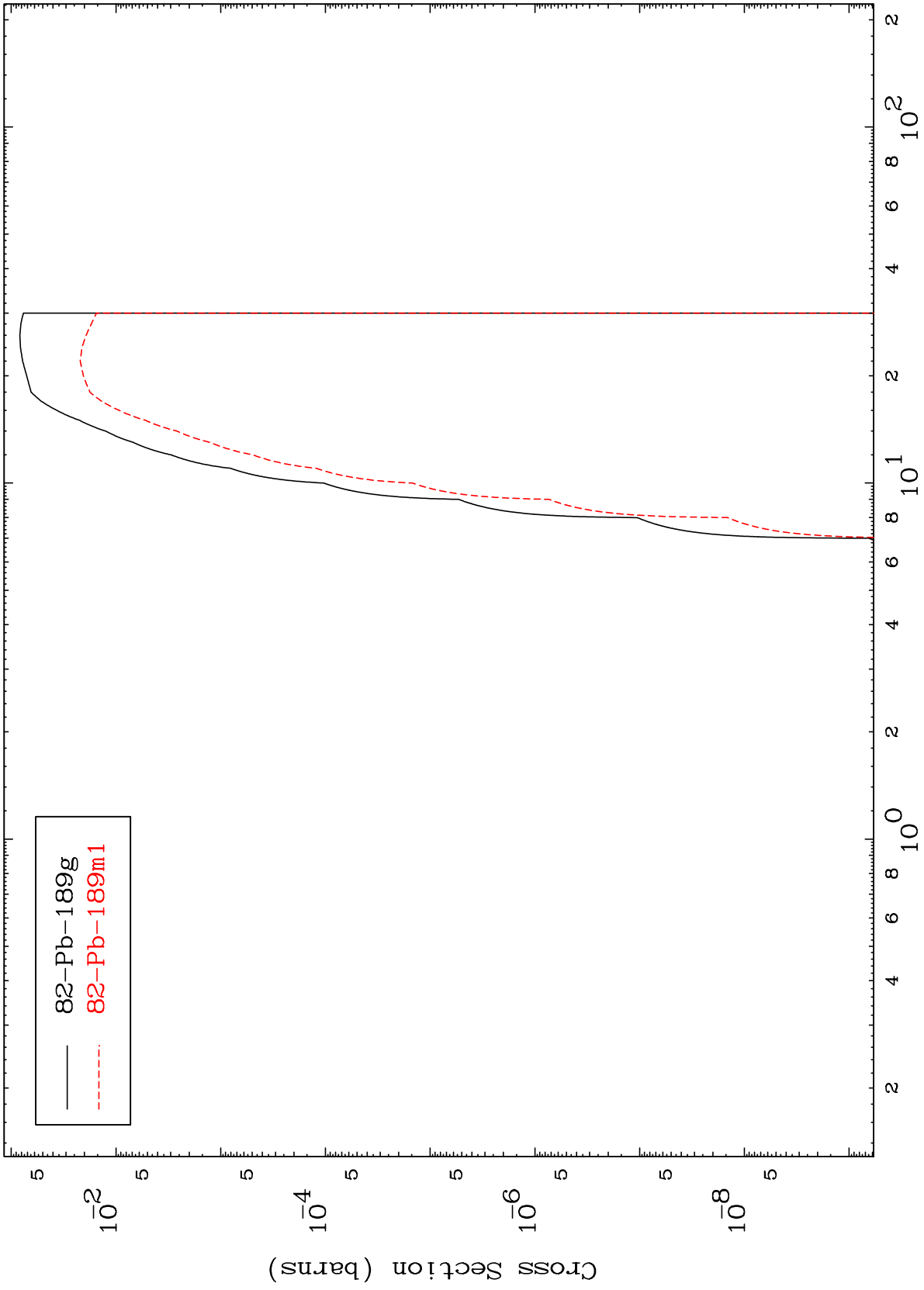
82-Pb-189

MAT 8180

(t, t)

82-Pb-189

Radionuclide Production Cross Section



82-Pb-189g  
82-Pb-189m1

25

Incident Energy (MeV)

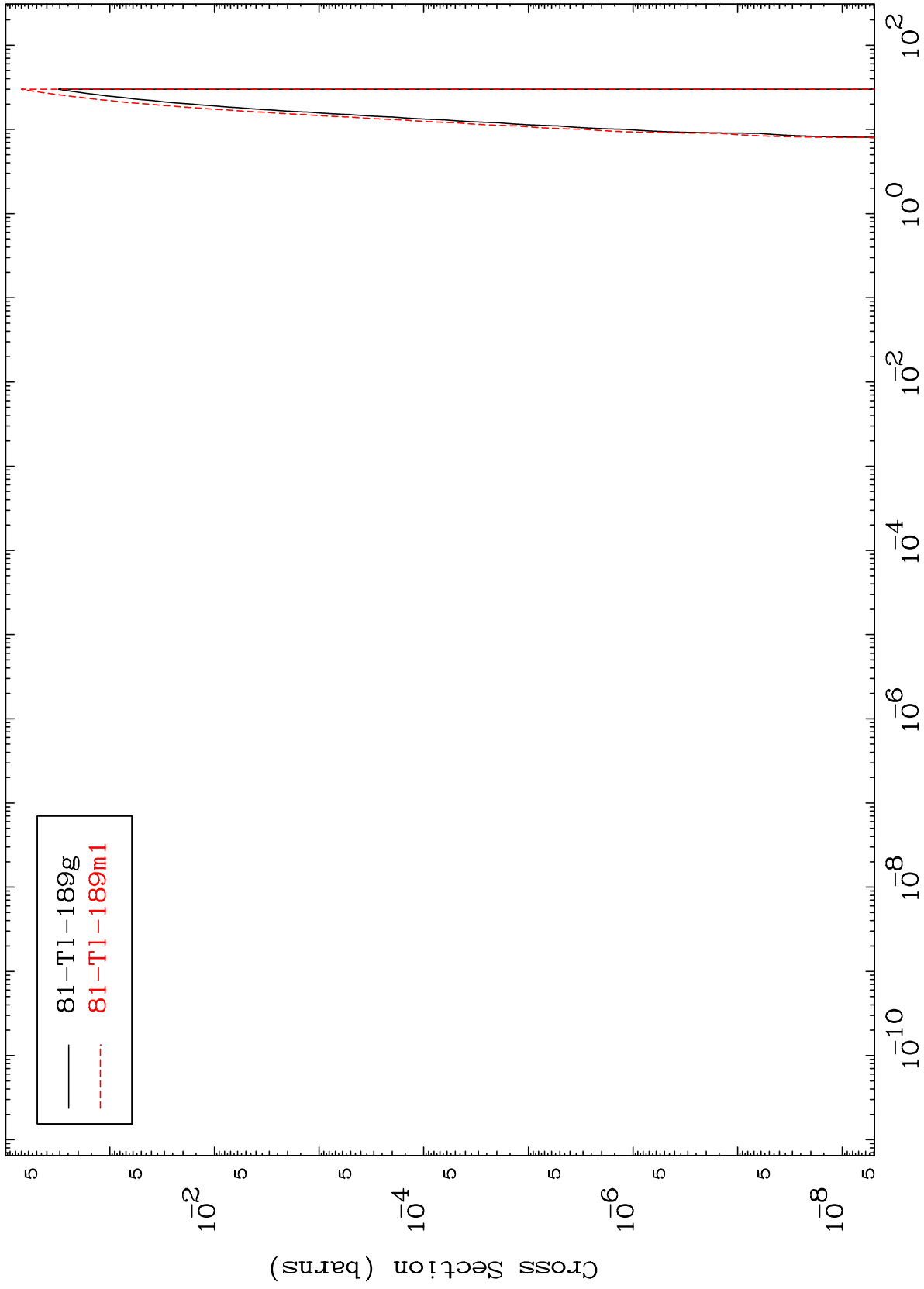
82-Pb-189

MAT 8180

(t, He-3)

82-Pb-189

Radionuclide Production Cross Section



26

Incident Energy (MeV)

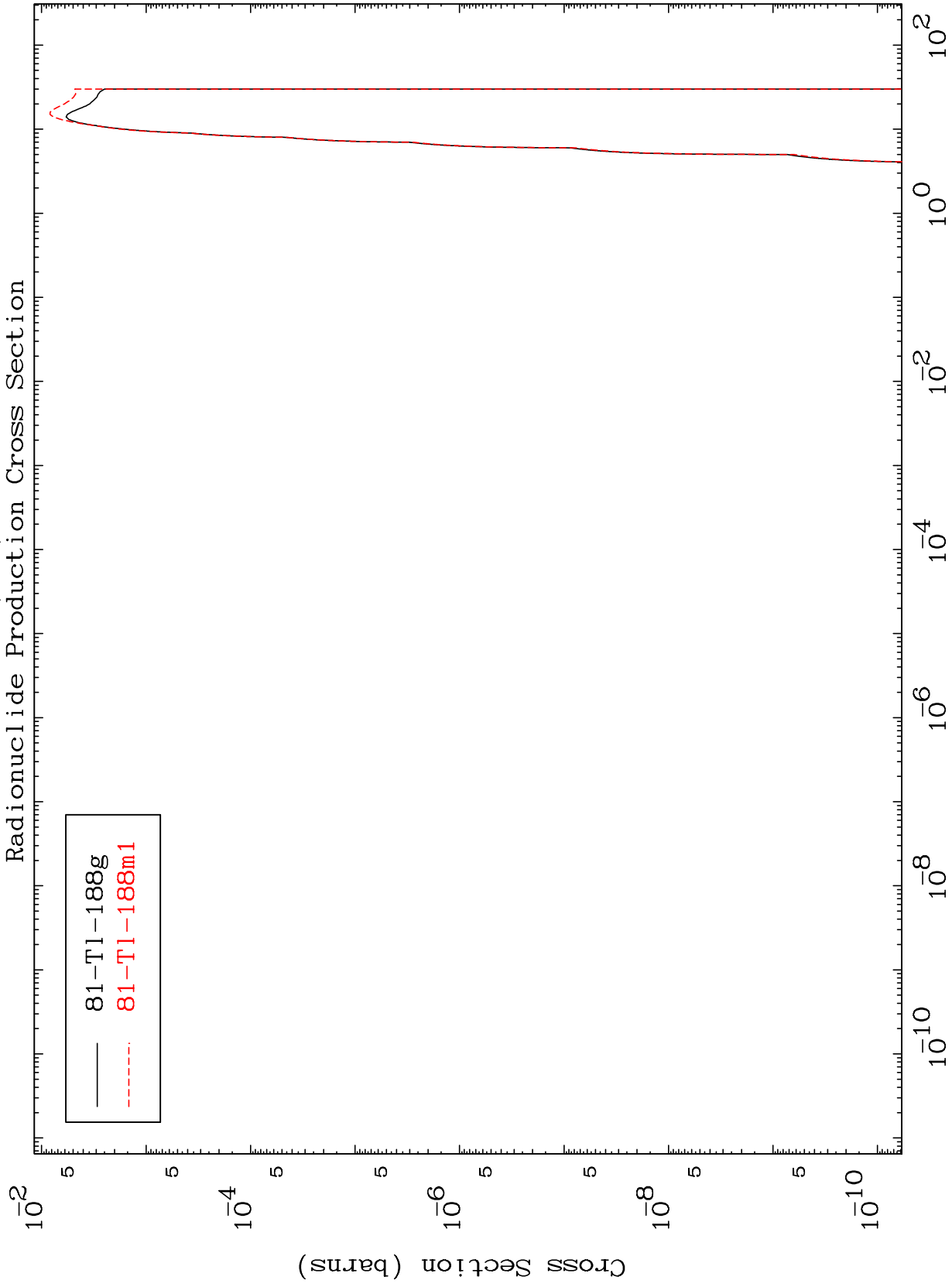
82-Pb-189

MAT 8180

(t,  $\alpha$ )

82-Pb-189

Radionuclide Production Cross Section



27

Incident Energy (MeV)

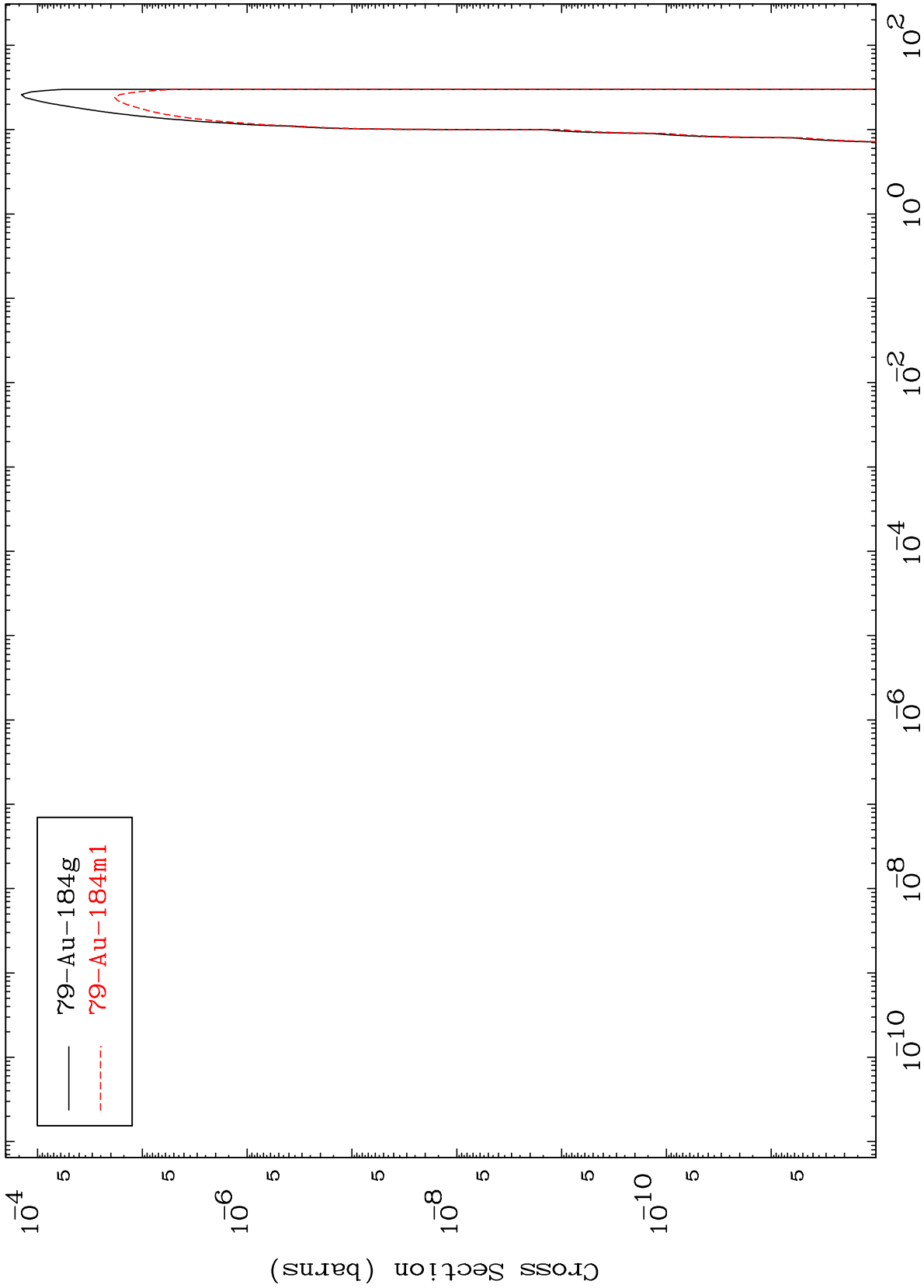
82-Pb-189

MAT 8180

(t,2α)

82-Pb-189

Radionuclide Production Cross Section



28

Incident Energy (MeV)

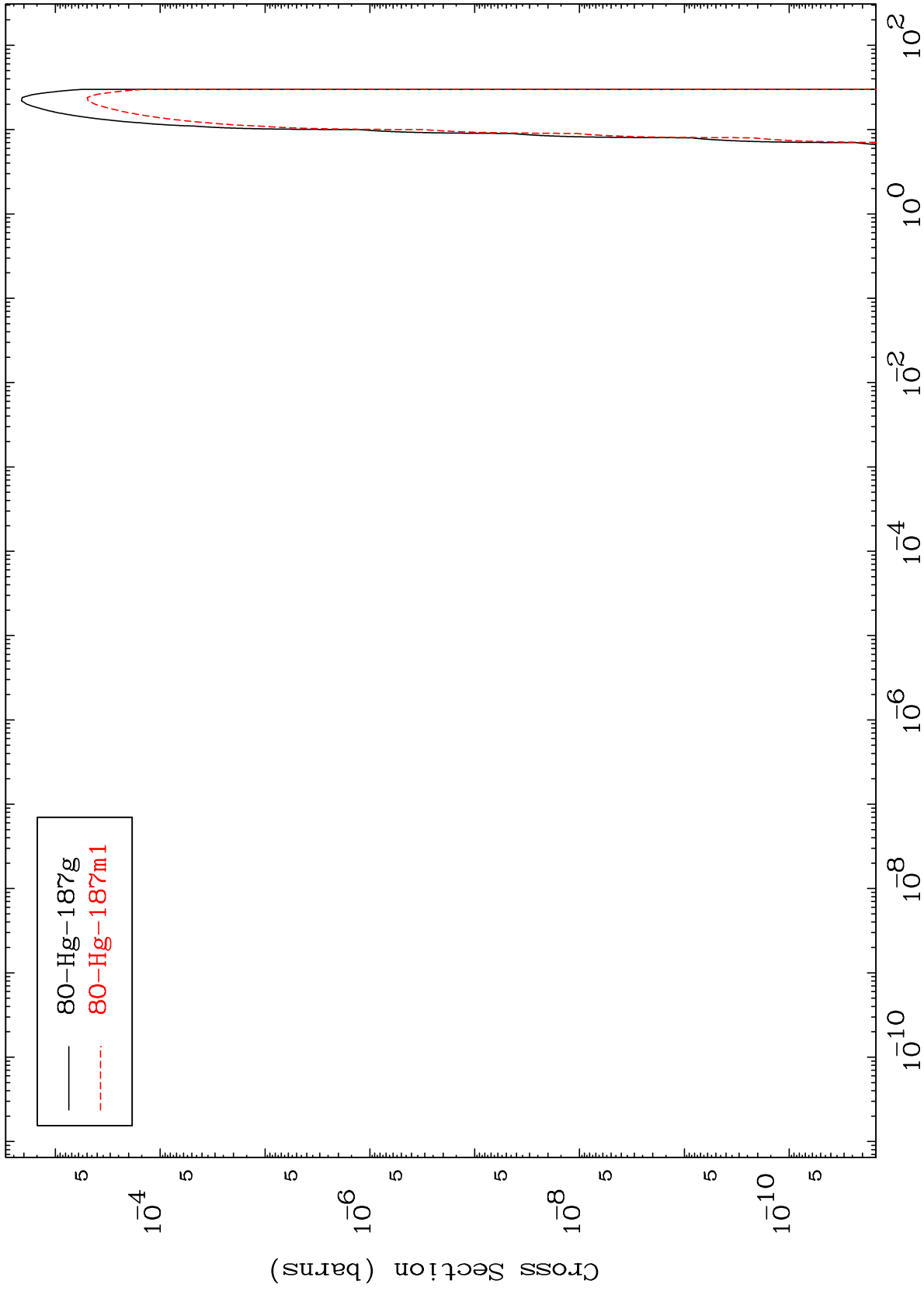
82-Pb-189

MAT 8180

(t,p)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



29

Incident Energy (MeV)

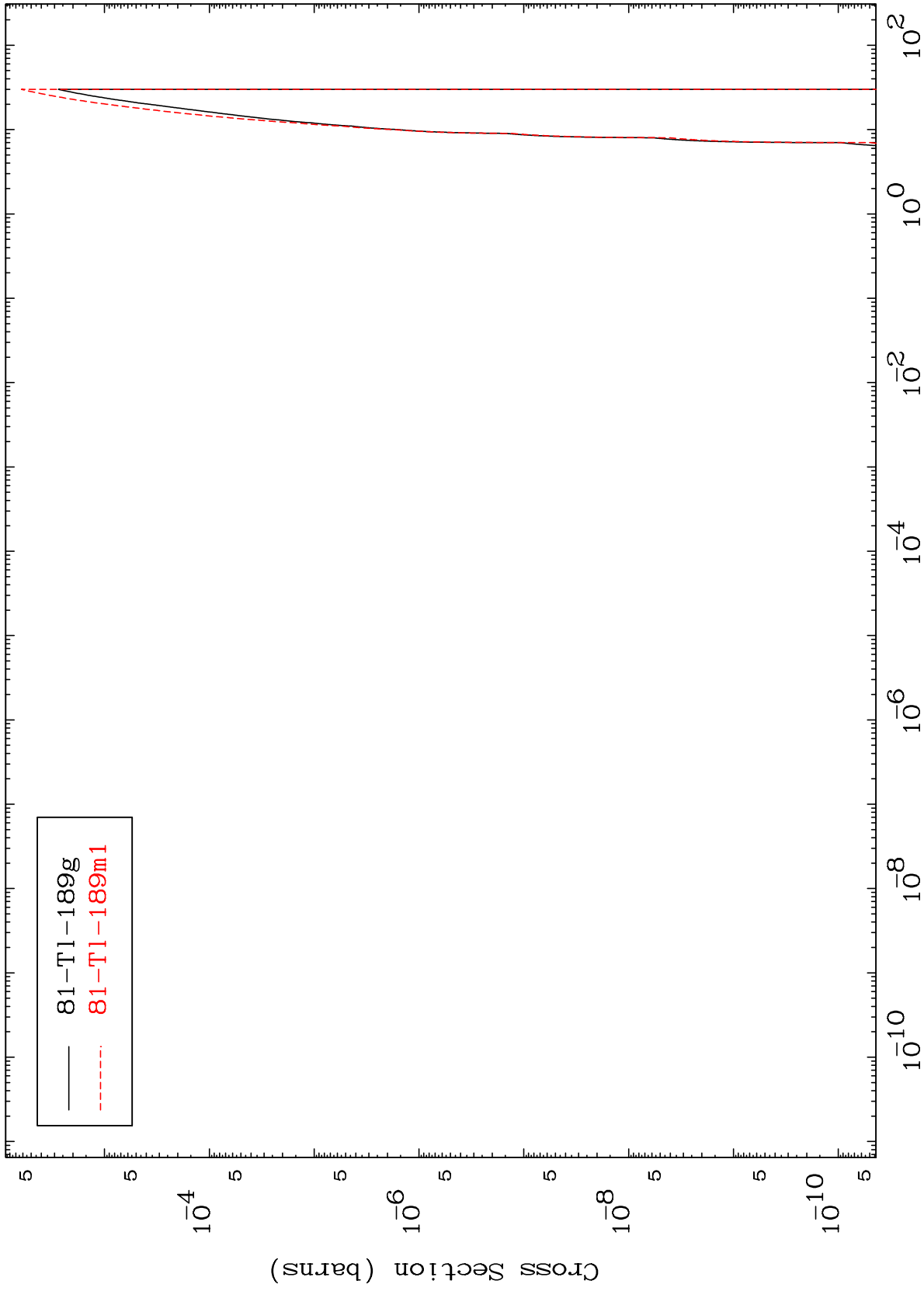
82-Pb-189

MAT 8180

(t,p) d

82-Pb-189

Radionuclide Production Cross Section



30

Incident Energy (MeV)

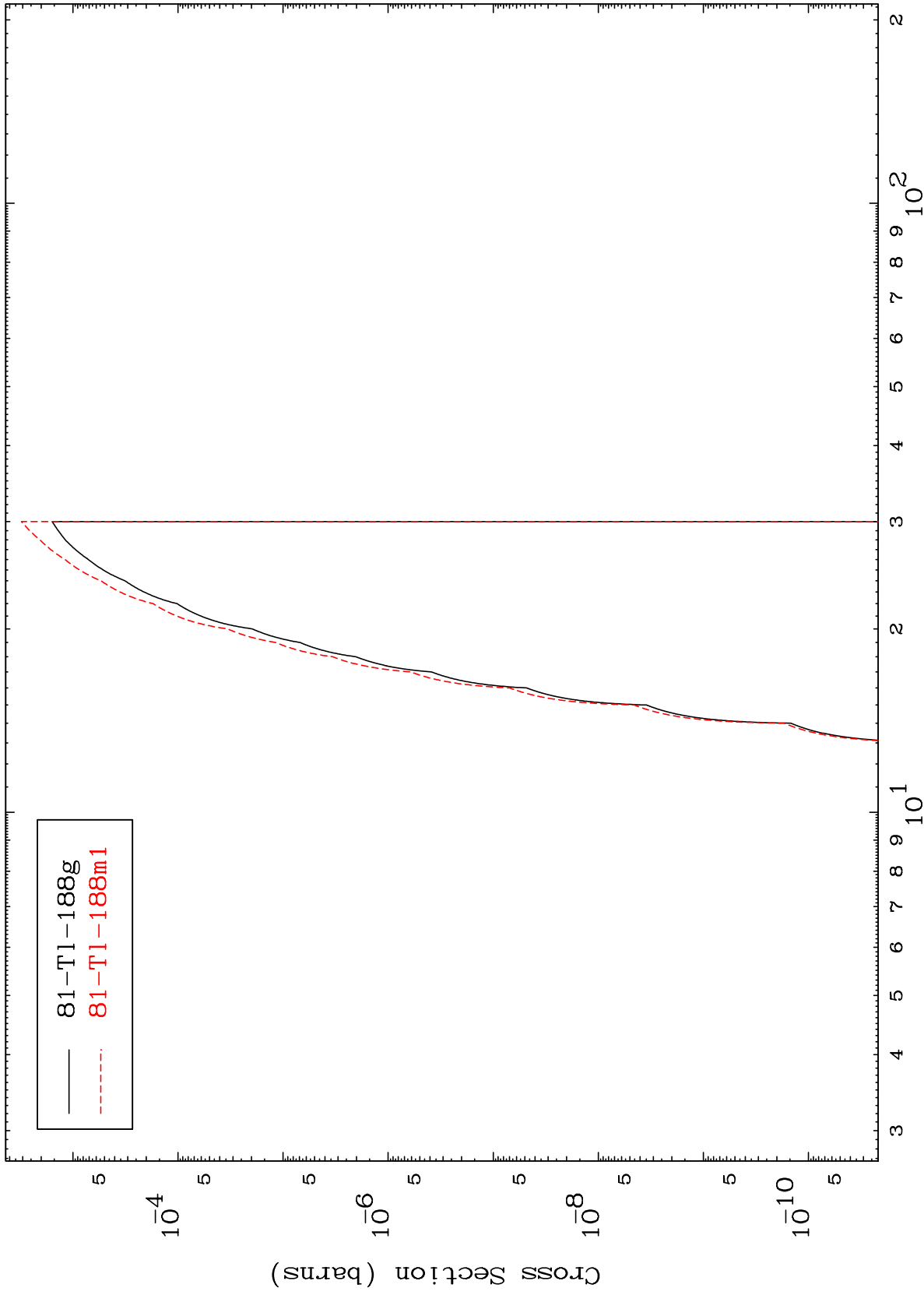
82-Pb-189

MAT 8180

(t,p) t

82-Pb-189

Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-189