

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

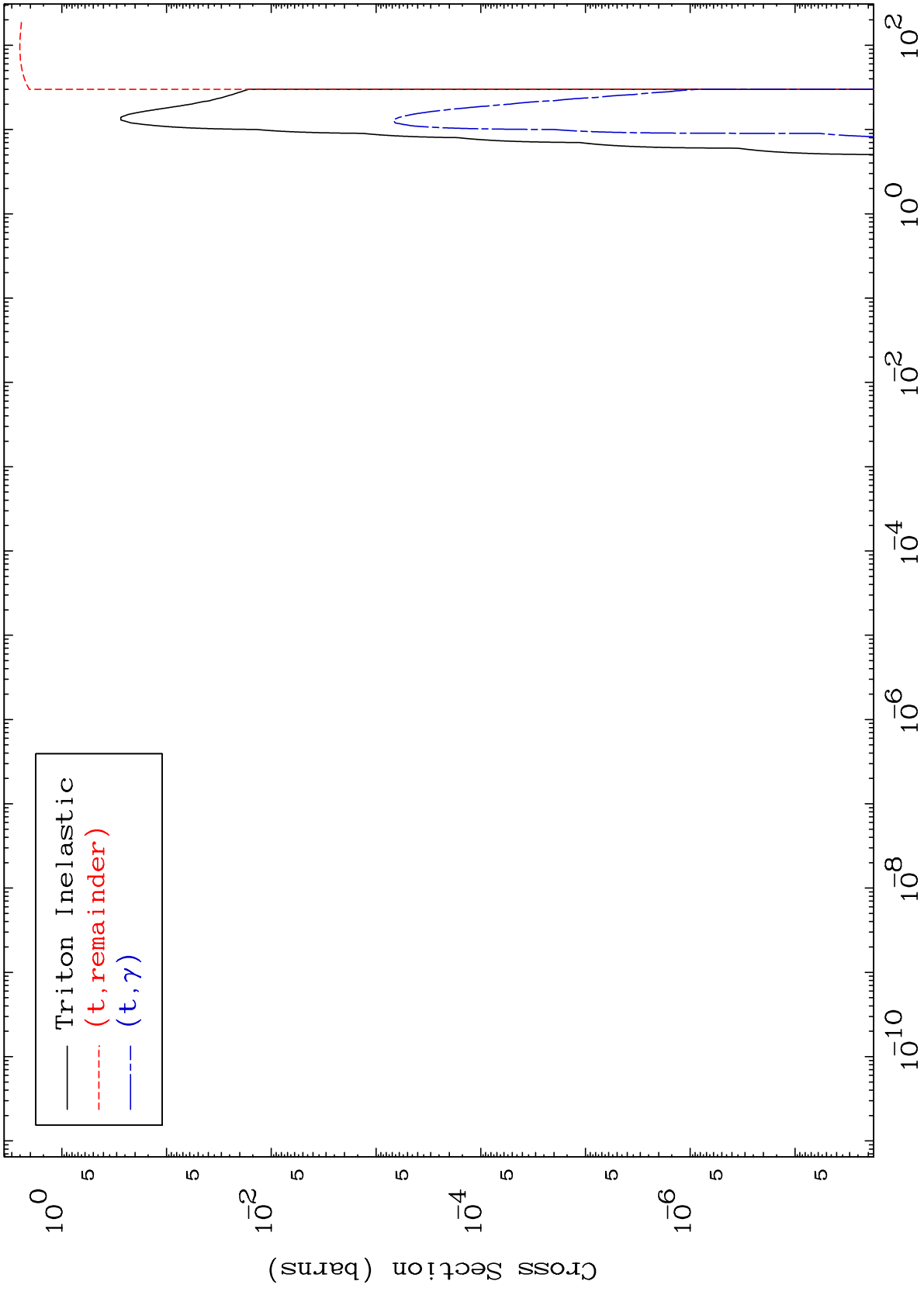
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

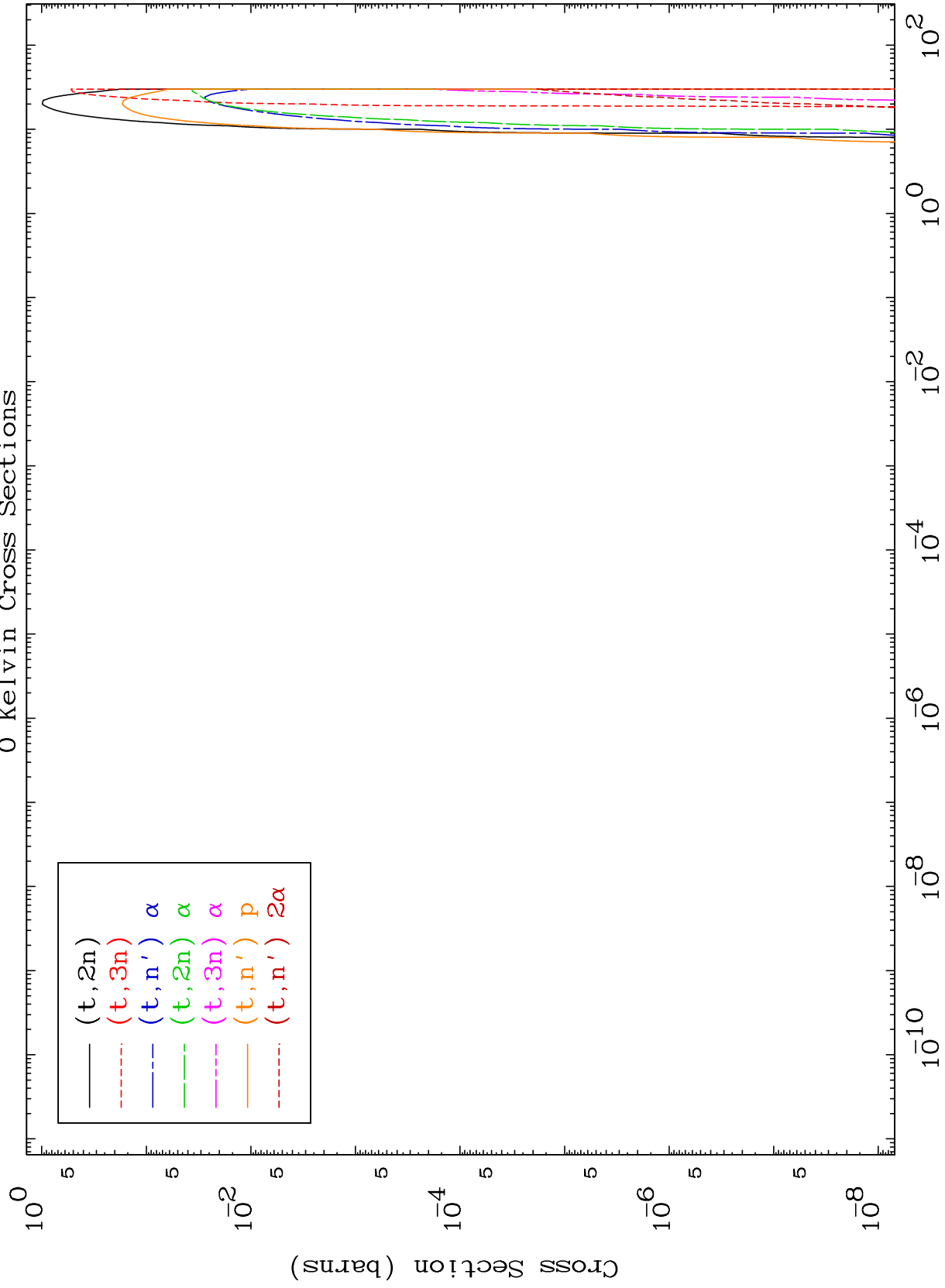
Press Mouse Button to Start



MAT 8189

Triton Neutron Production  
0 Kelvin Cross Sections

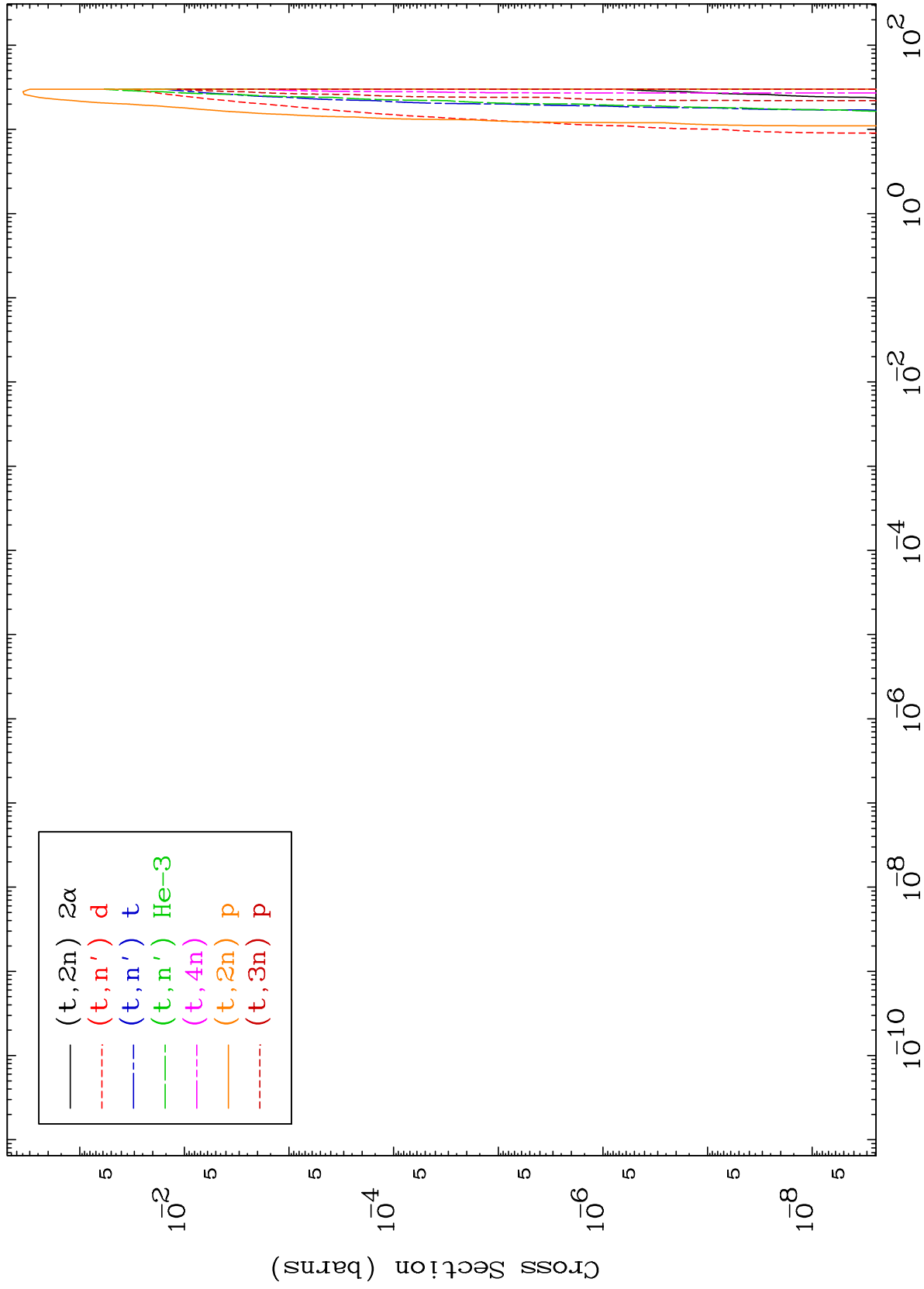
82-Pb-192



2

Incident Energy (MeV)

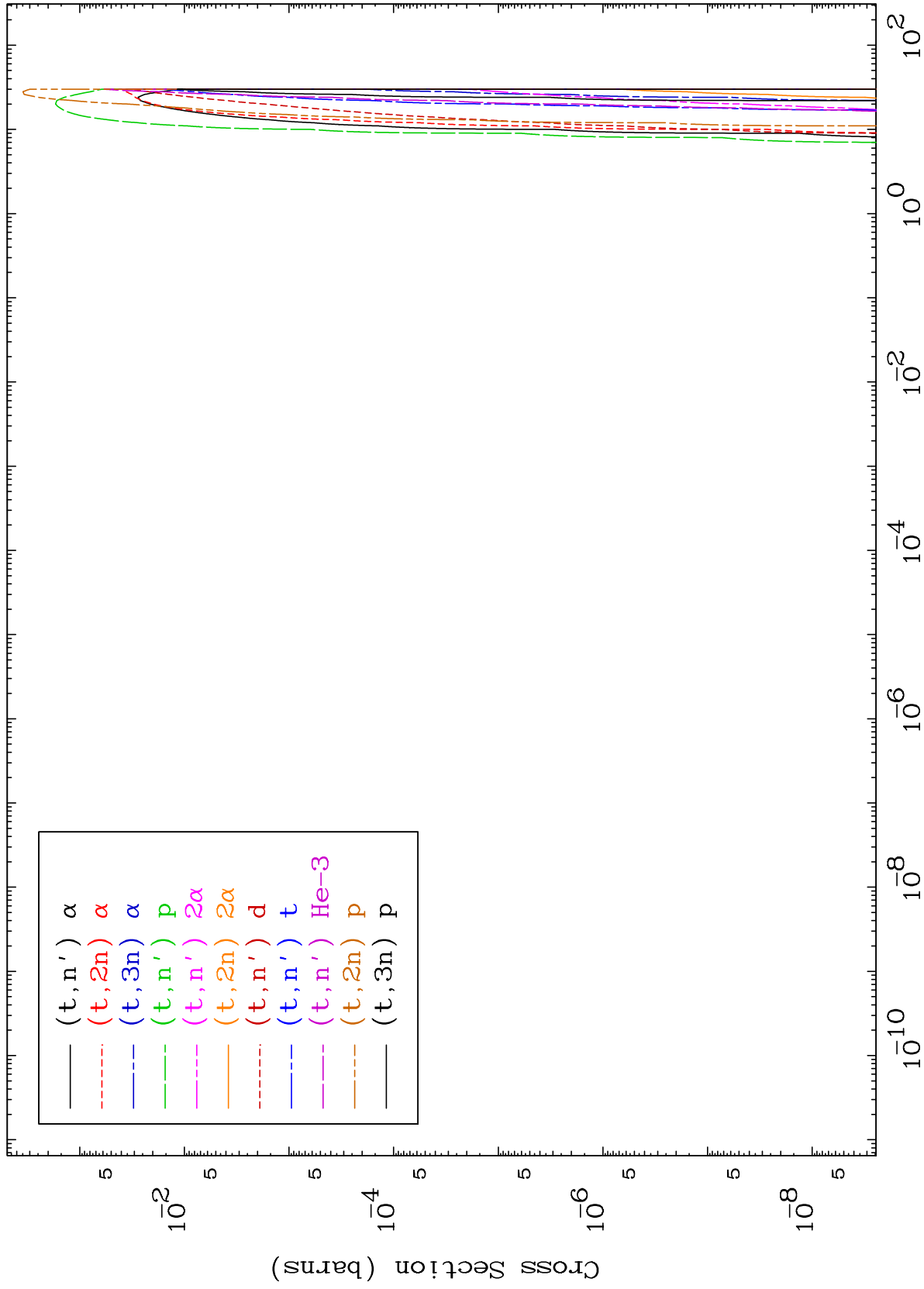
82-Pb-192



MAT 8189

Triton Charged Particle  
0 Kelvin Cross Sections

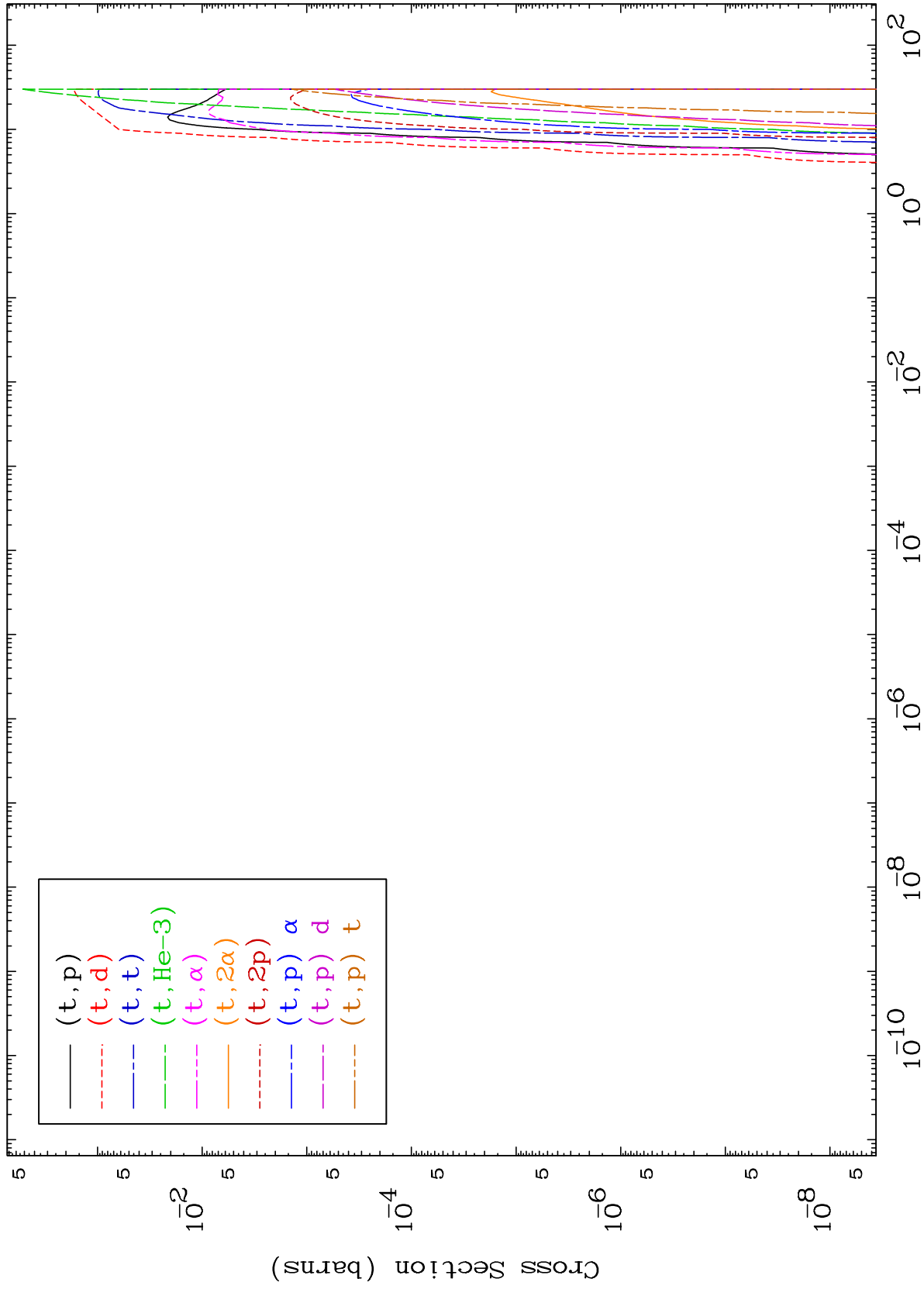
82-Pb-192



MAT 8189

Triton Charged Particle  
0 Kelvin Cross Sections

82-Pb-192



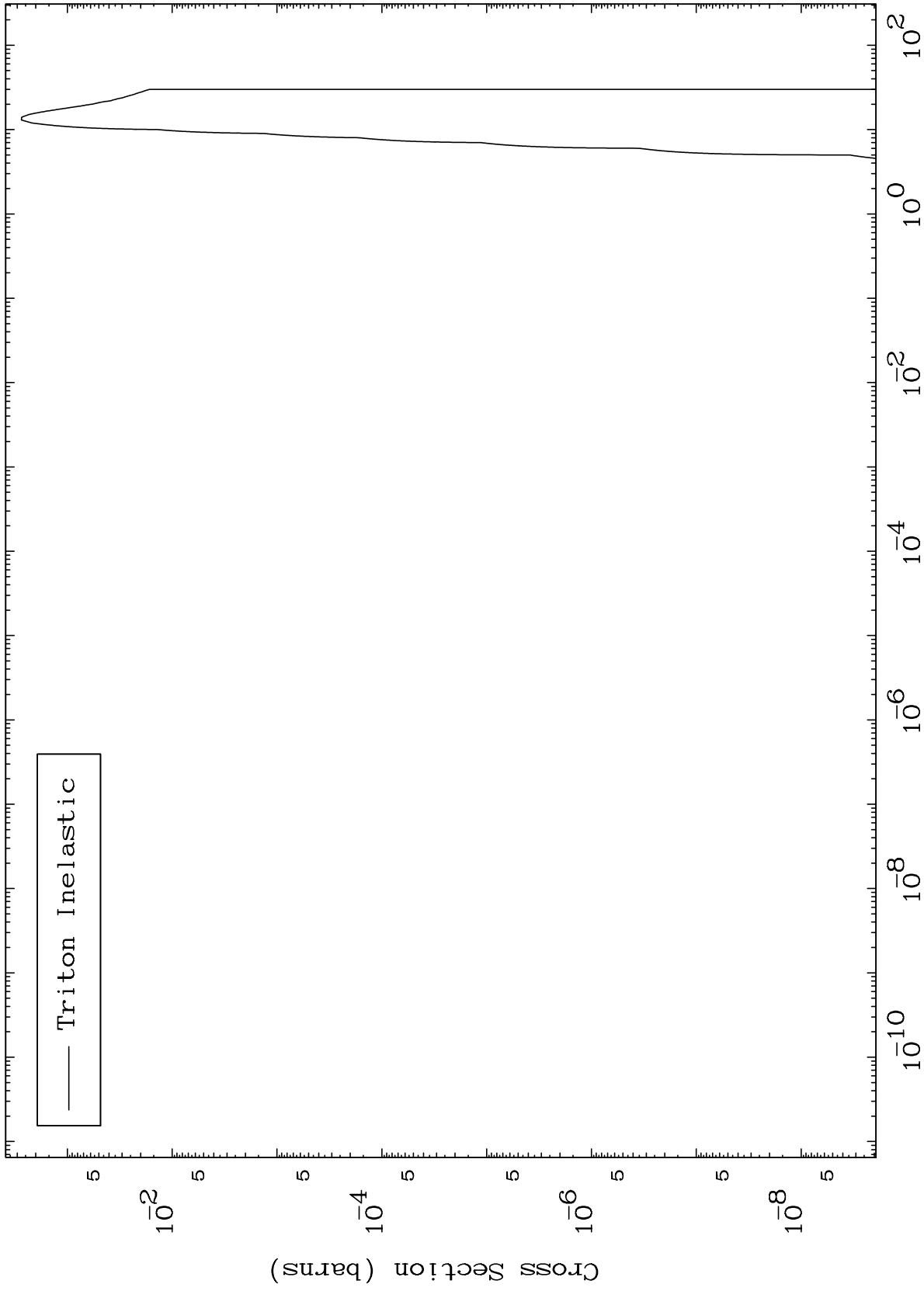
5

82-Pb-192

MAT 8189

(t,n') Level  
0 Kelvin Cross Sections

82-Pb-192



6

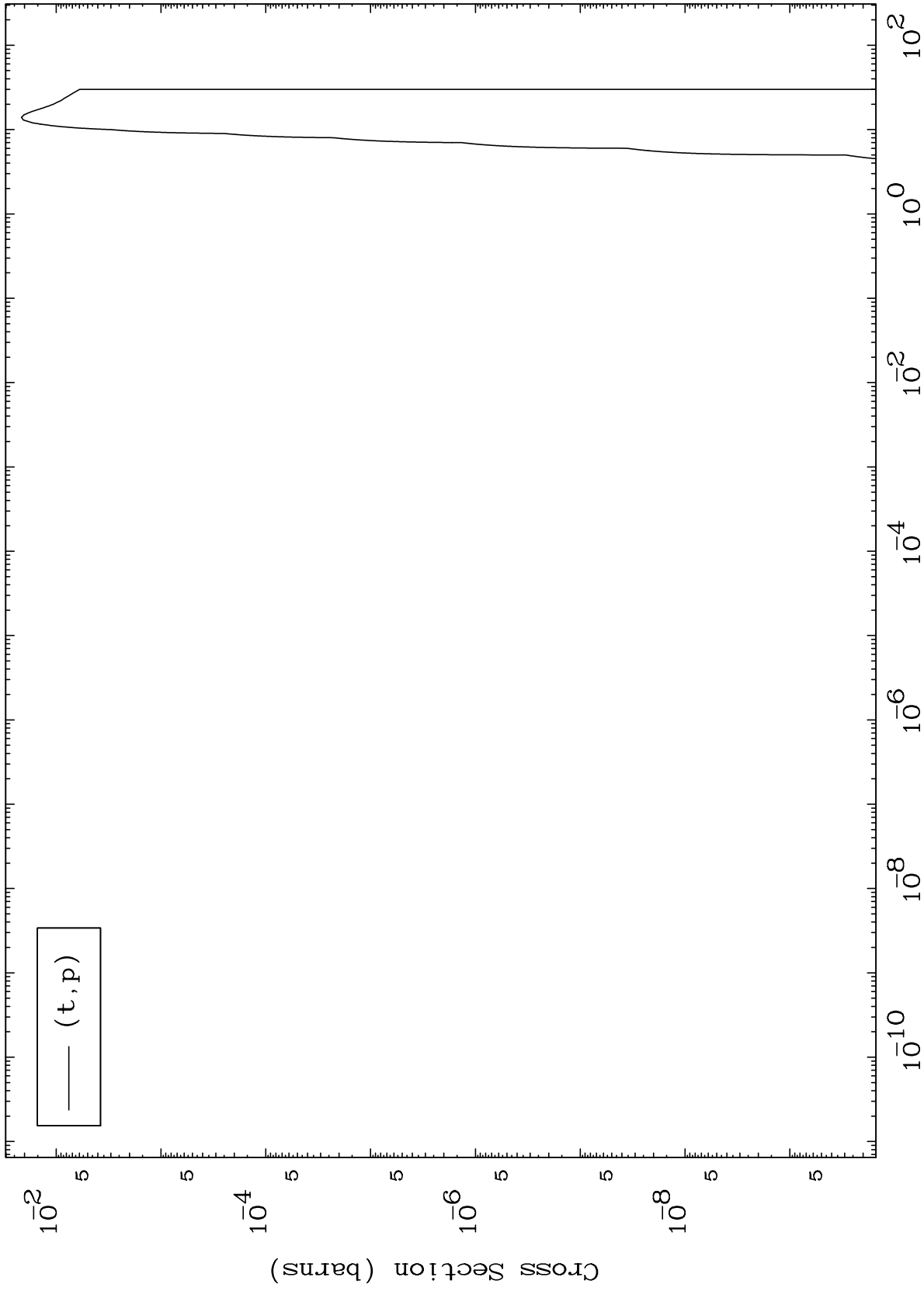
Incident Energy (MeV)

82-Pb-192

MAT 8189

(t,p) Levels  
0 Kelvin Cross Sections

82-Pb-192



7

Incident Energy (MeV)

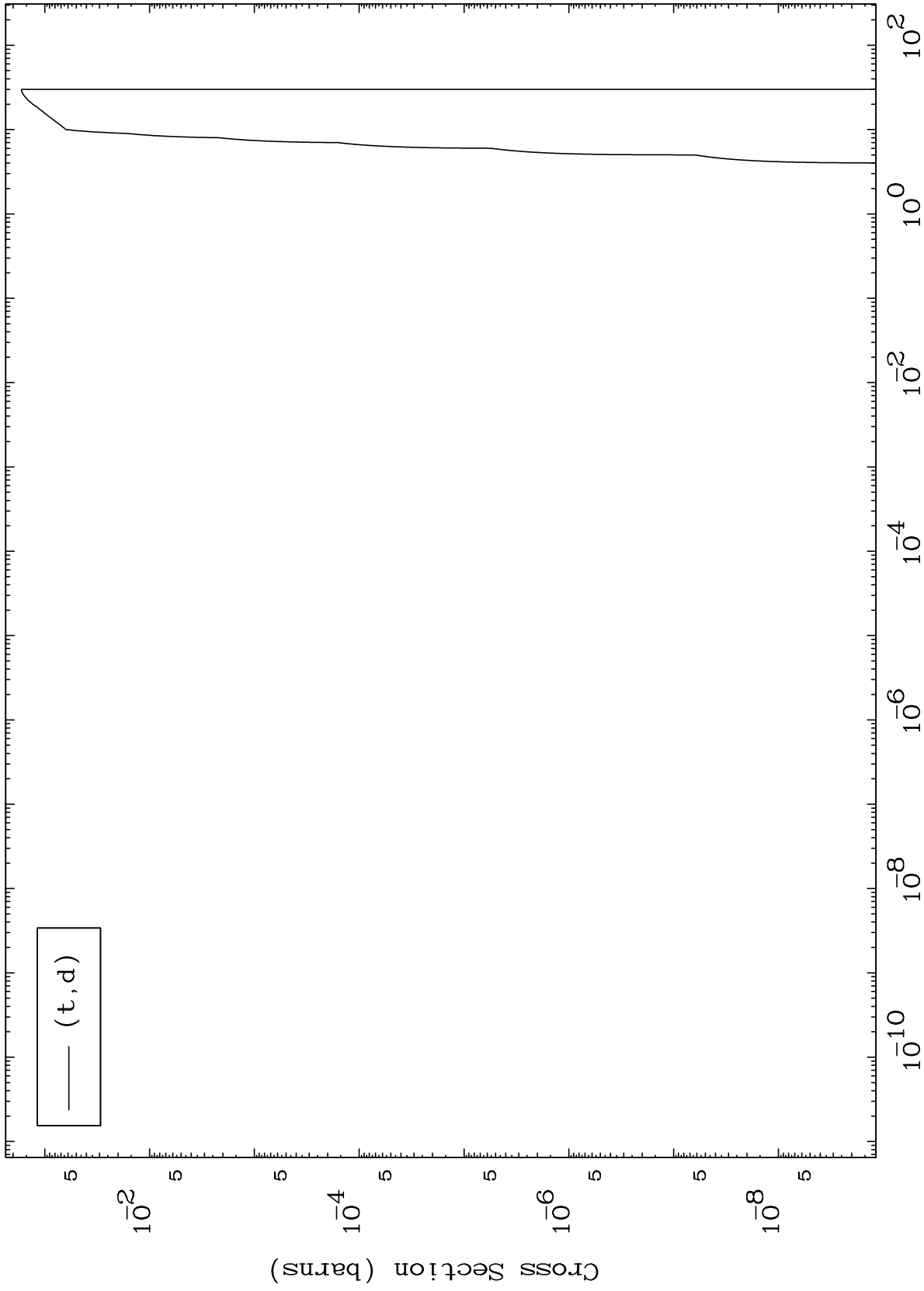
82-Pb-192



MAT 8189

(t,d) Levels  
0 Kelvin Cross Sections

82-Pb-192



8

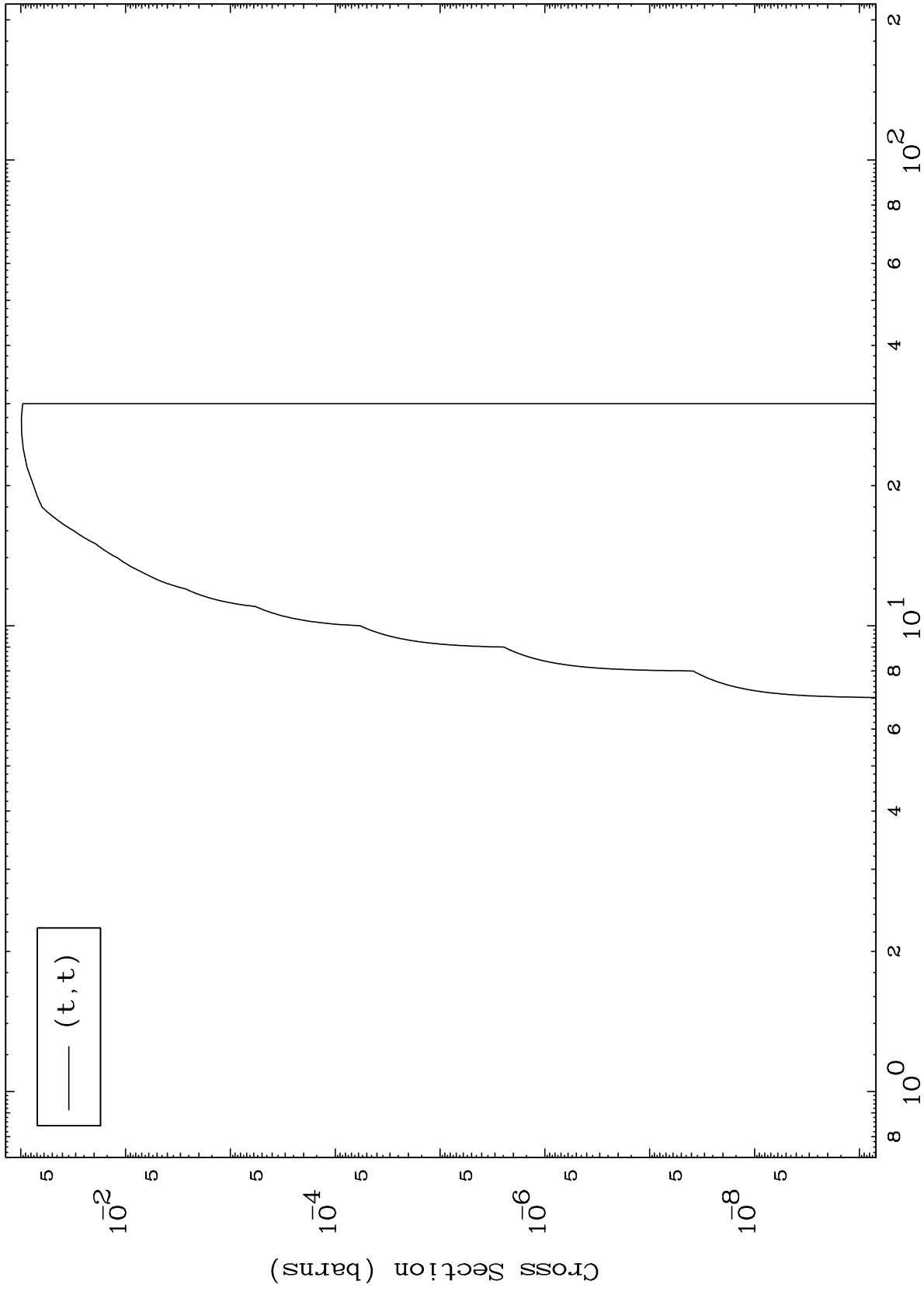
Incident Energy (MeV)

82-Pb-192

MAT 8189

(t,t) Levels  
0 Kelvin Cross Sections

82-Pb-192



9

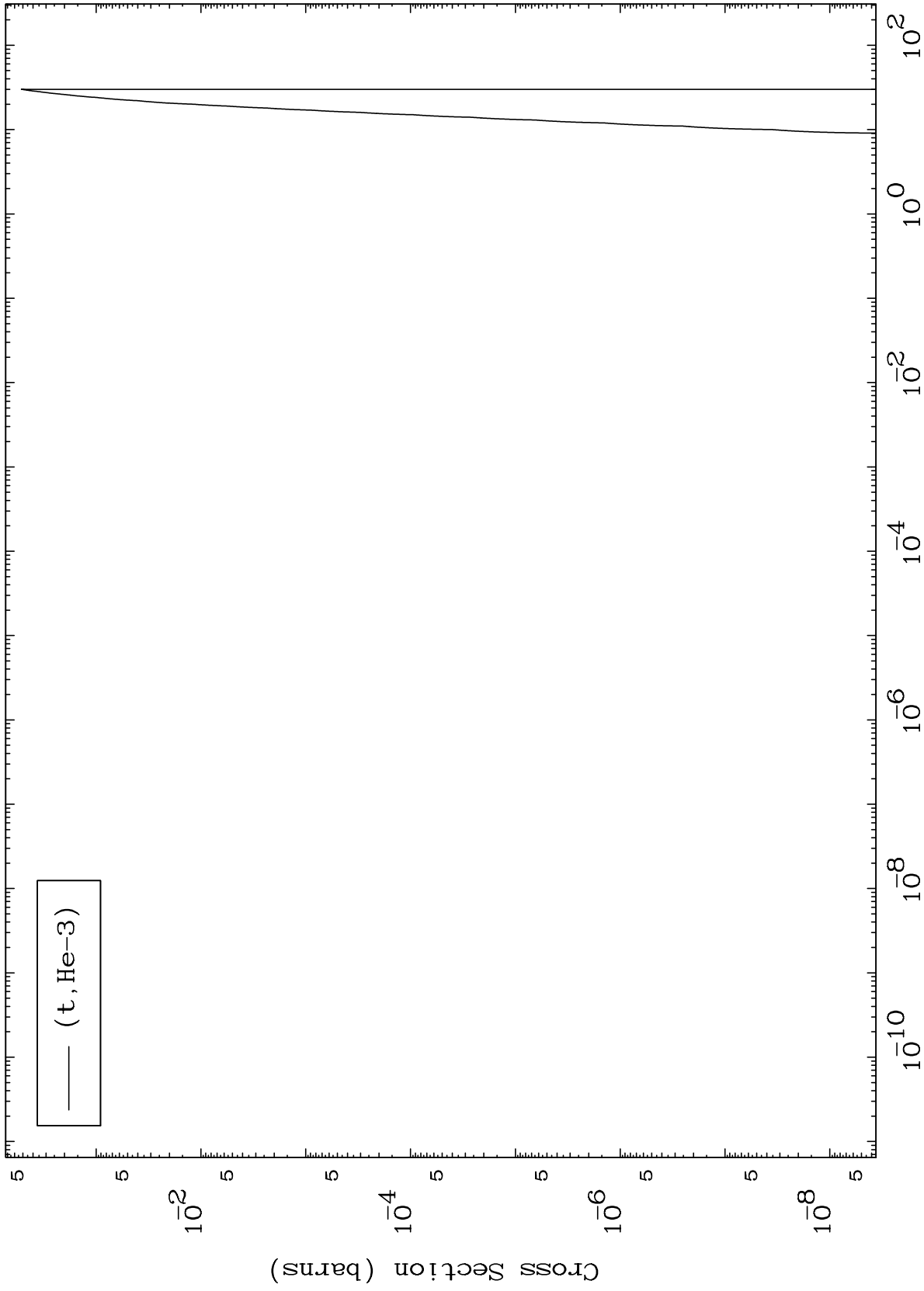
Incident Energy (MeV)

82-Pb-192

MAT 8189

(t,He3) Levels  
0 Kelvin Cross Sections

82-Pb-192



10

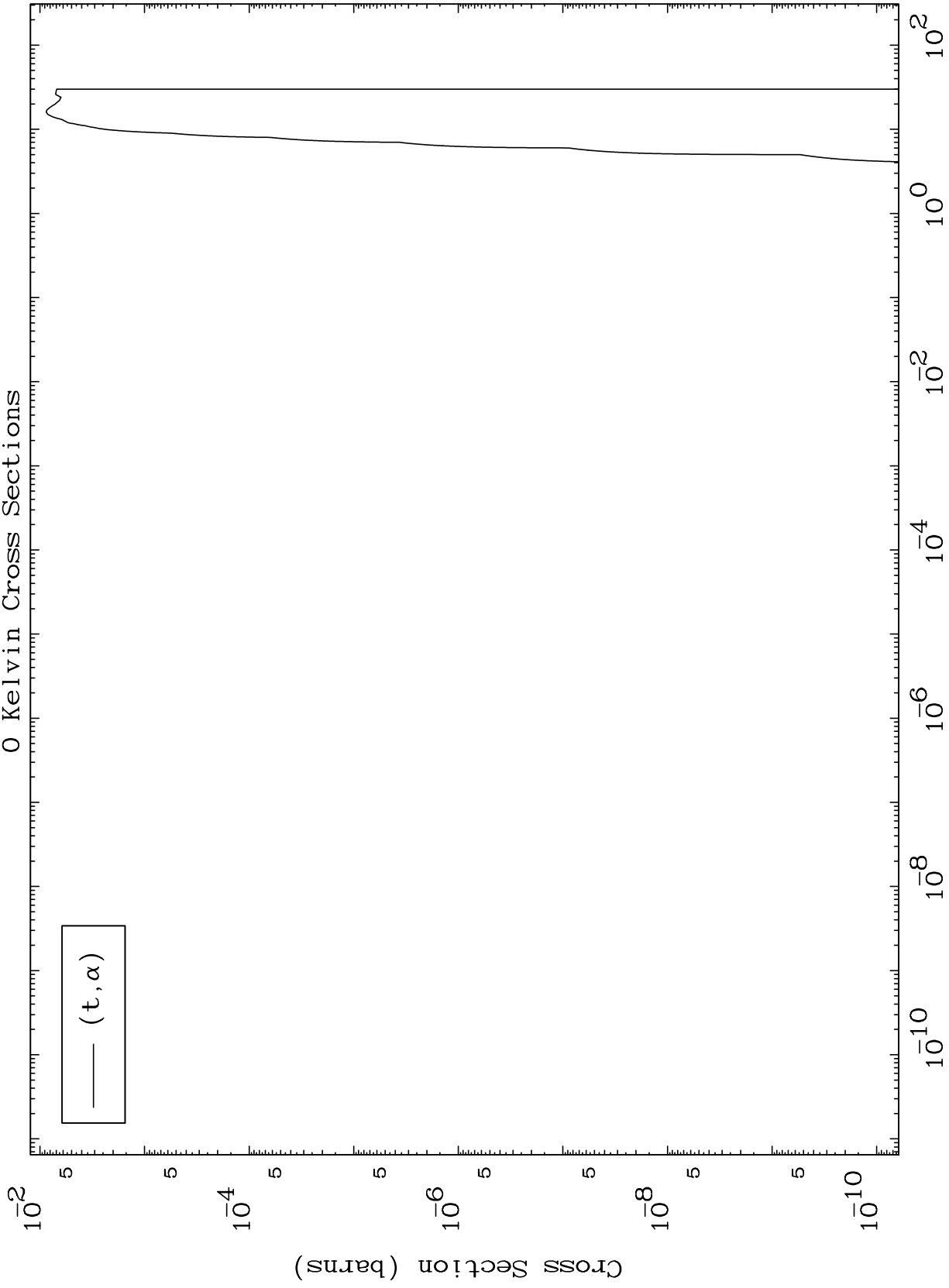
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192



11

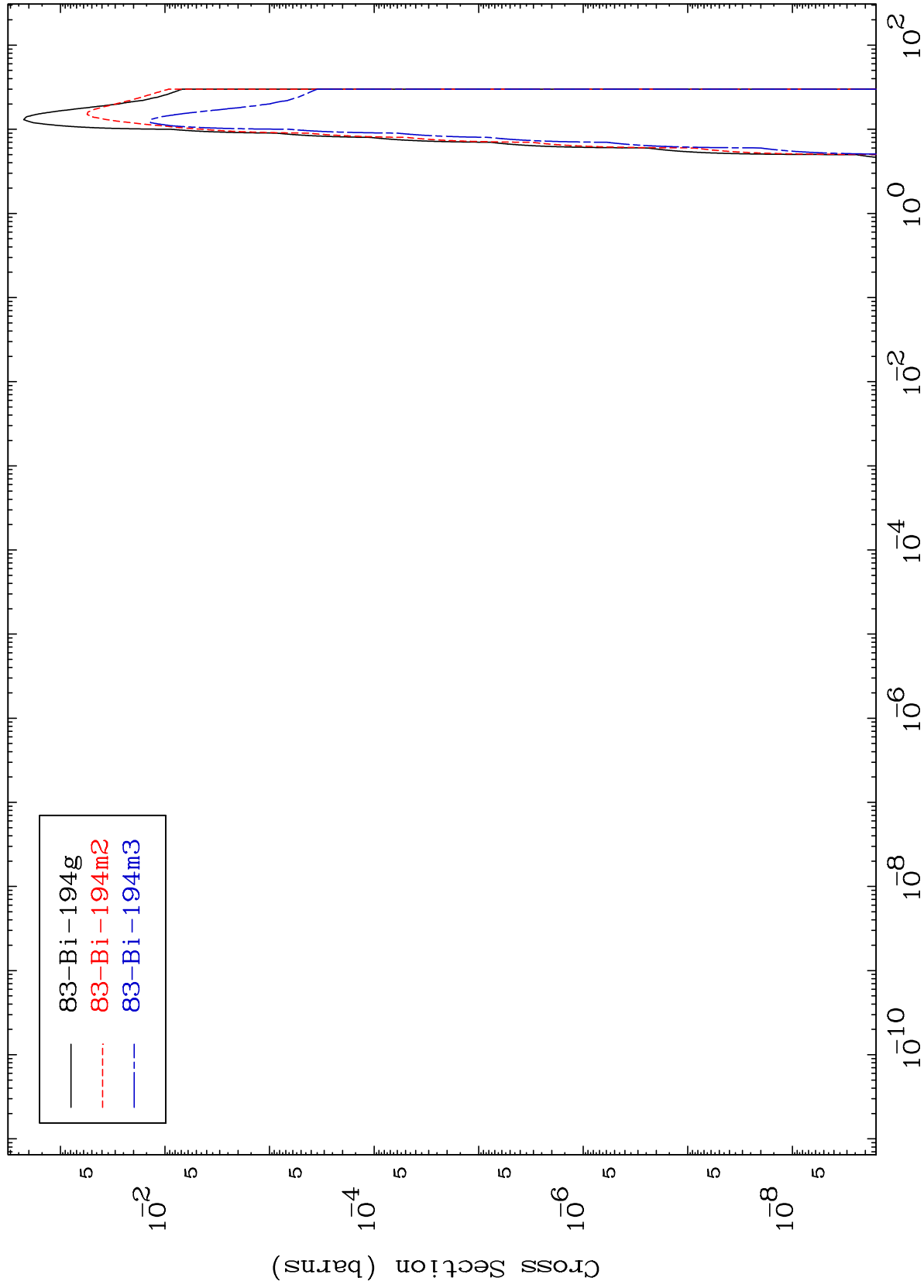
Incident Energy (MeV)

82-Pb-192

MAT 8189

Triton Inelastic  
Radionuclide Production Cross Section

82-Pb-192



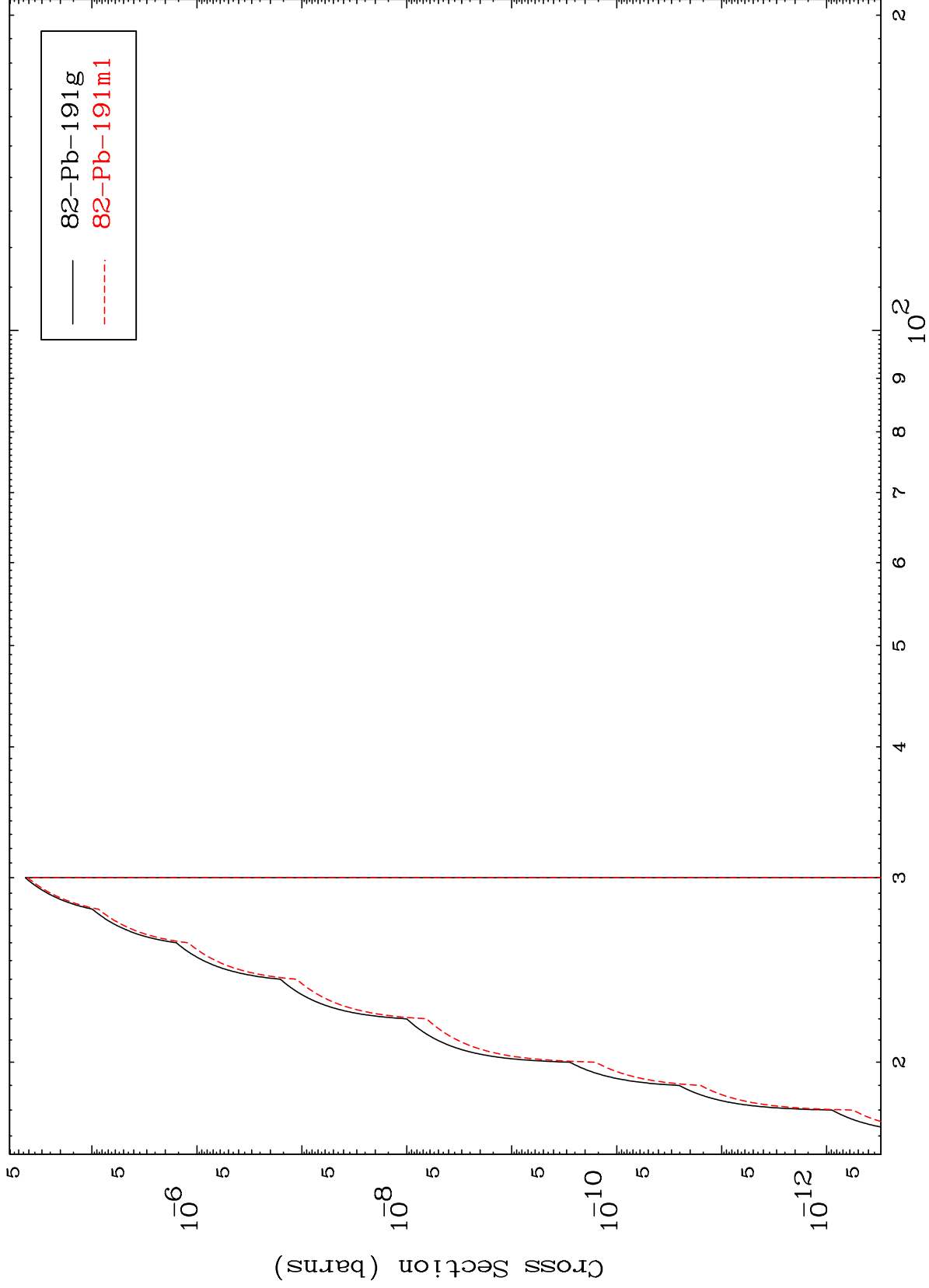
82-Pb-192

MAT 8189

(t,2n) d

82-Pb-192

Radionuclide Production Cross Section



13

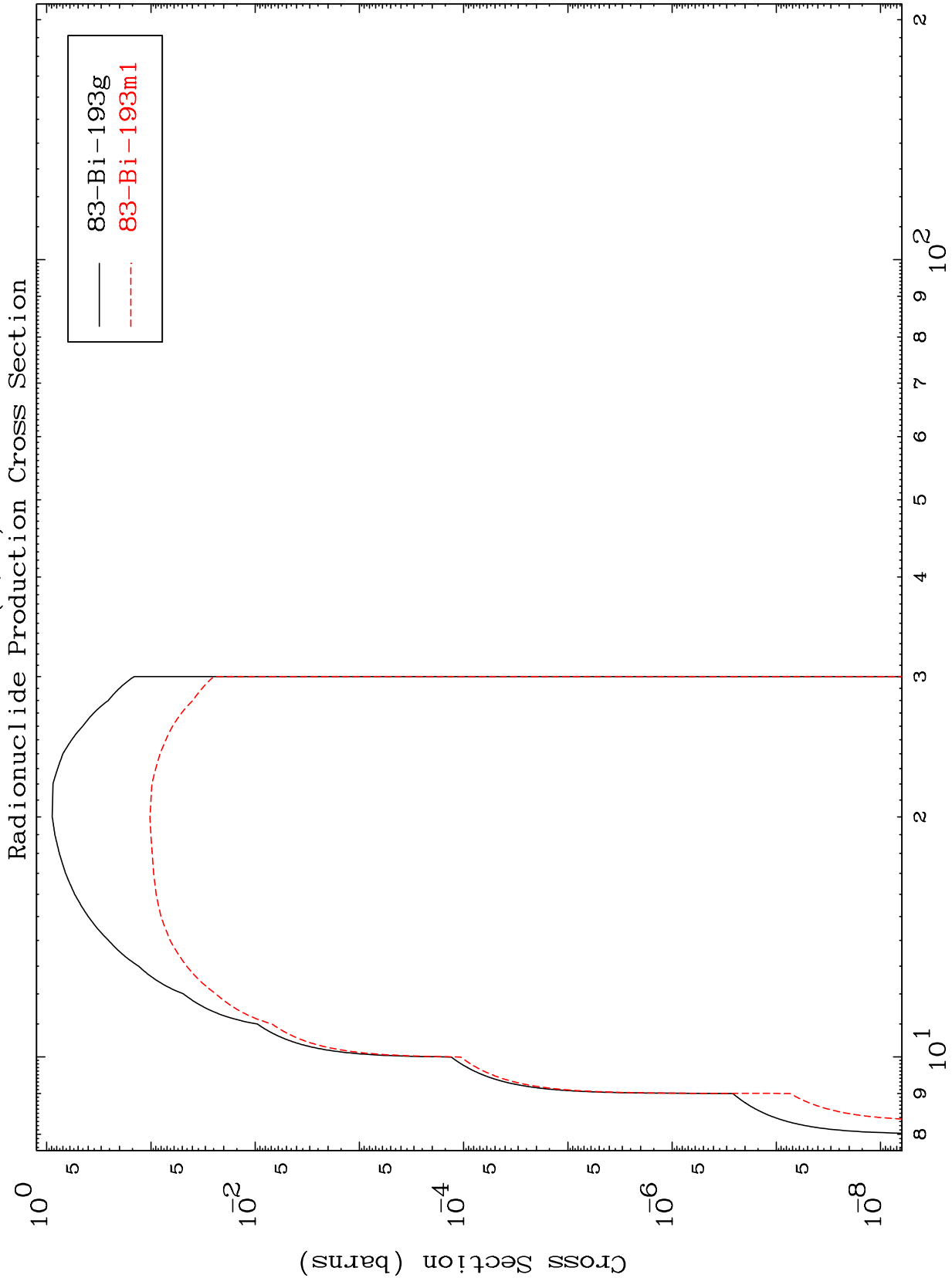
Incident Energy (MeV)

82-Pb-192

MAT 8189

(t,2n)

82-Pb-192



14

82-Pb-192

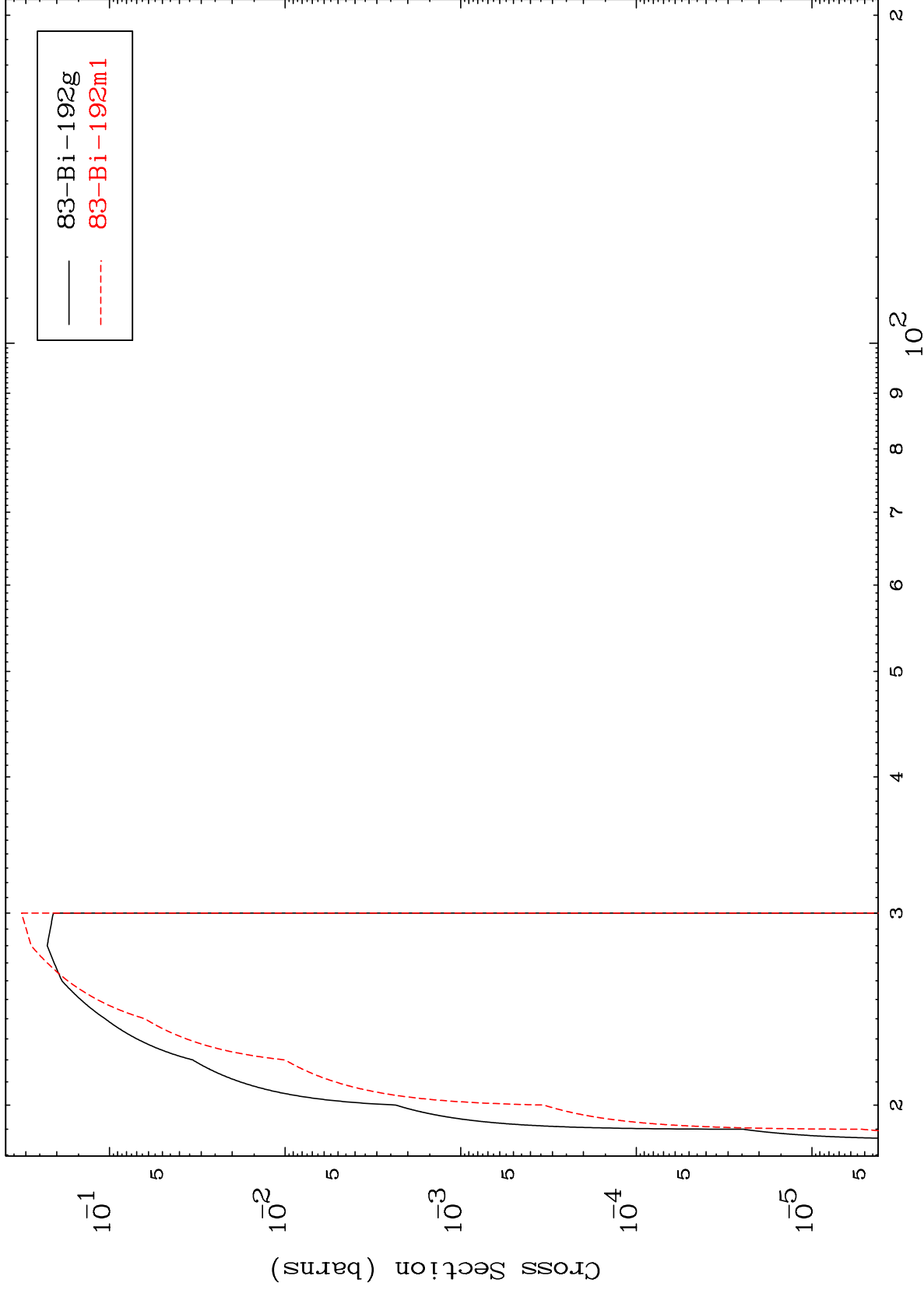
82-Pb-192

MAT 8189

(t,3n)

82-Pb-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

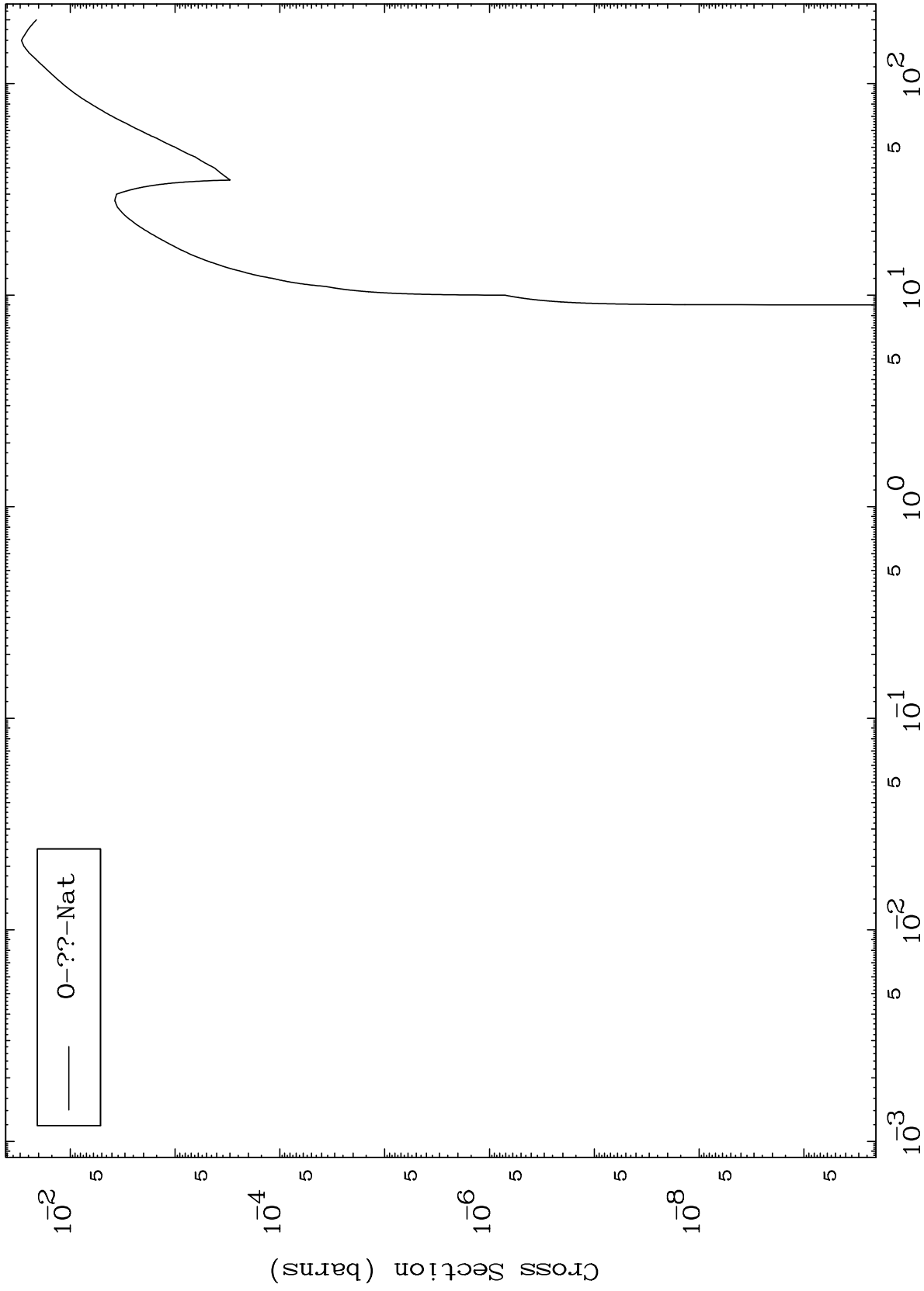
82-Pb-192



MAT 8189

Triton Fission  
Radionuclide Production Cross Section

82-Pb-192



16

Incident Energy (MeV)

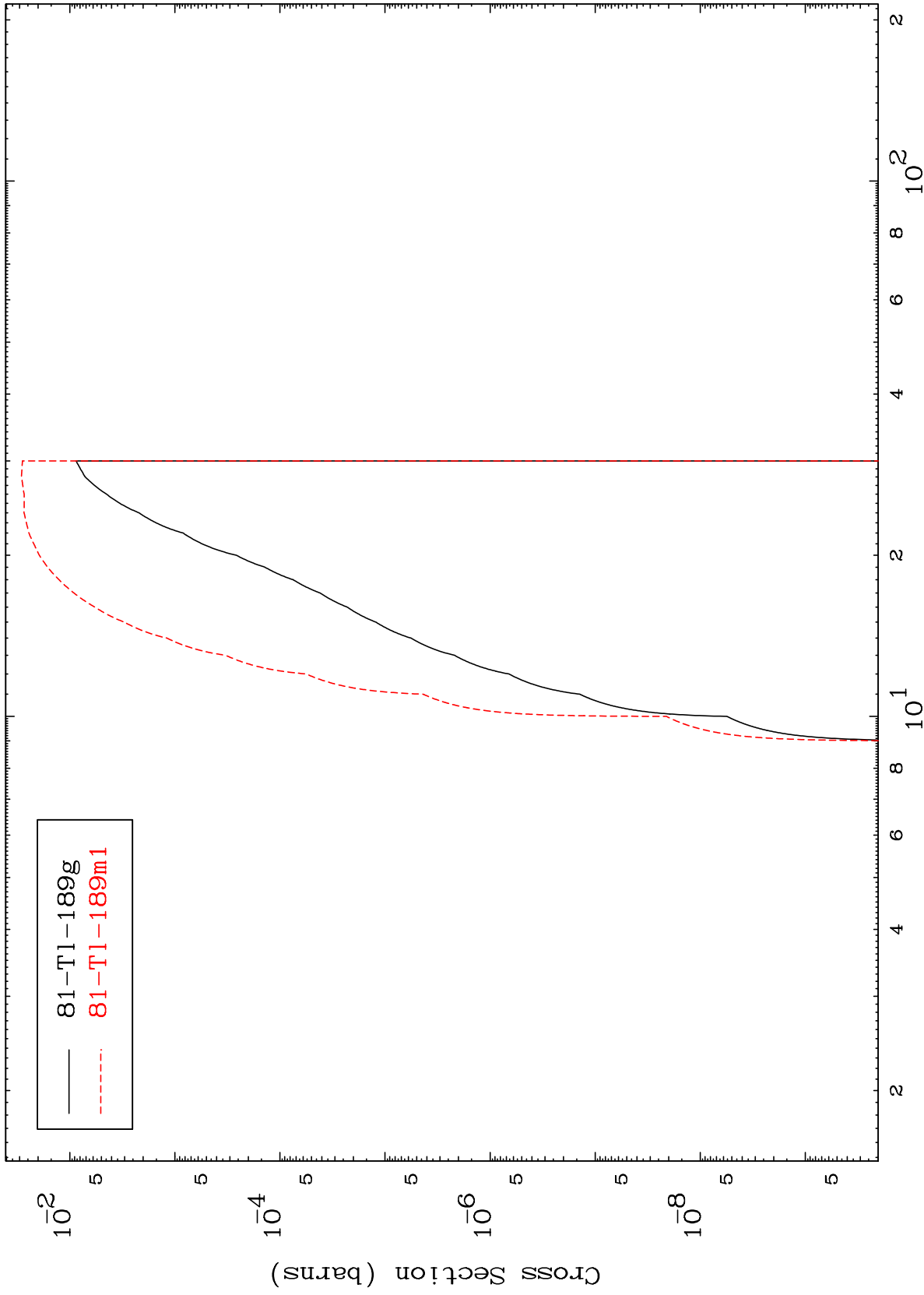
82-Pb-192

MAT 8189

(t,2n)  $\alpha$

82-Pb-192

Radionuclide Production Cross Section



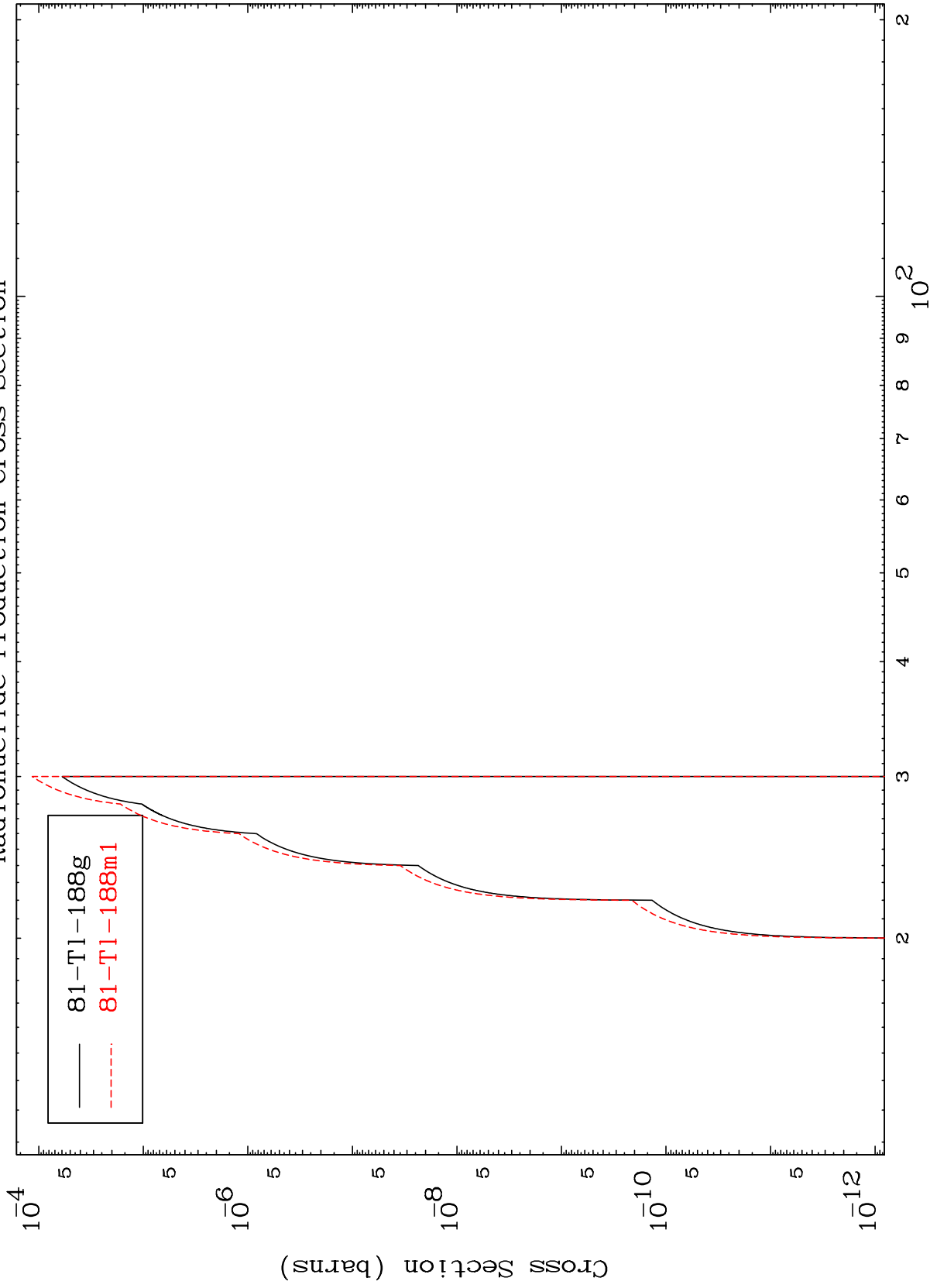
81-Tl-189g  
81-Tl-189m1

MAT 8189

(t,3n)  $\alpha$

82-Pb-192

Radionuclide Production Cross Section



18

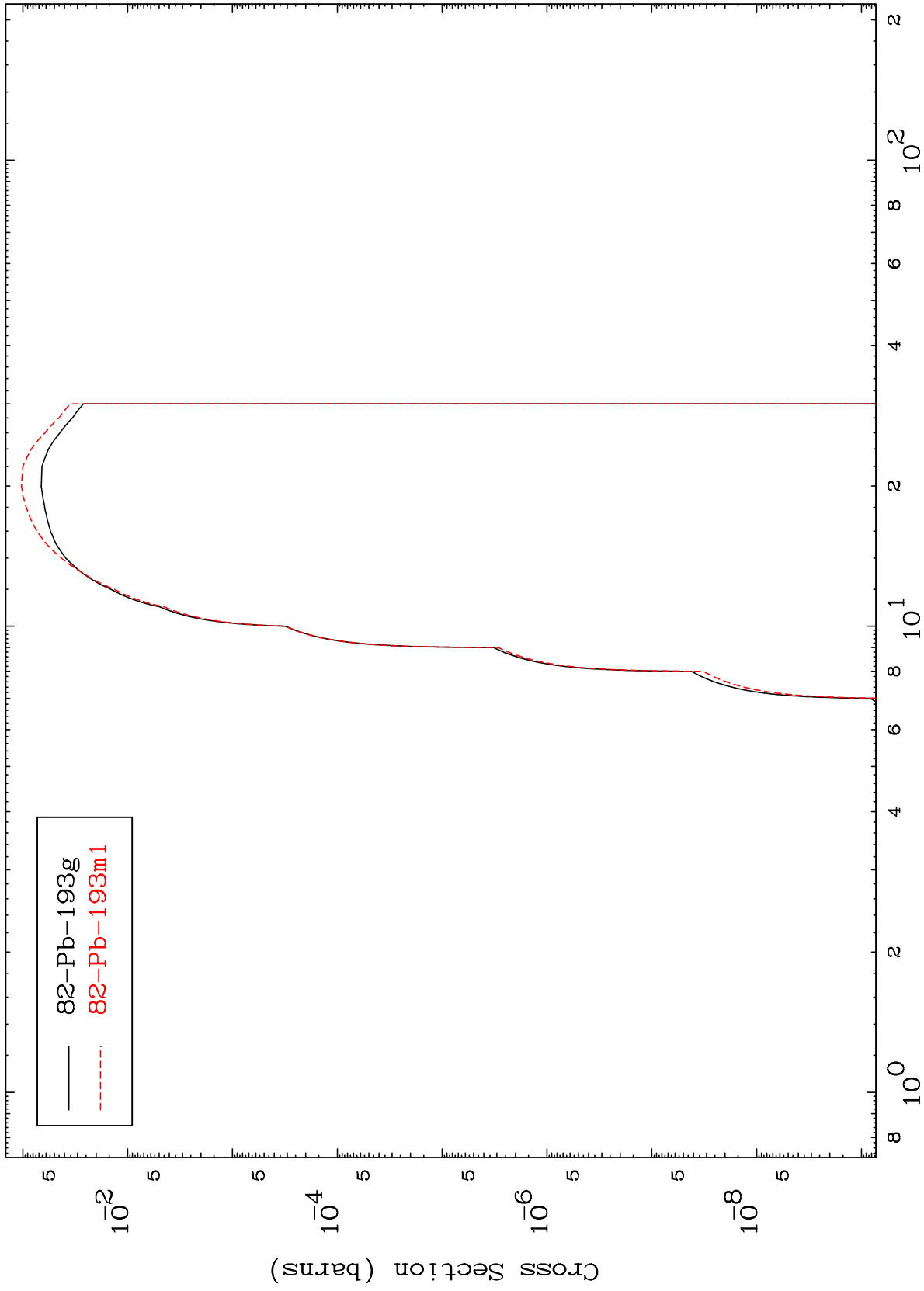
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(t,n') p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

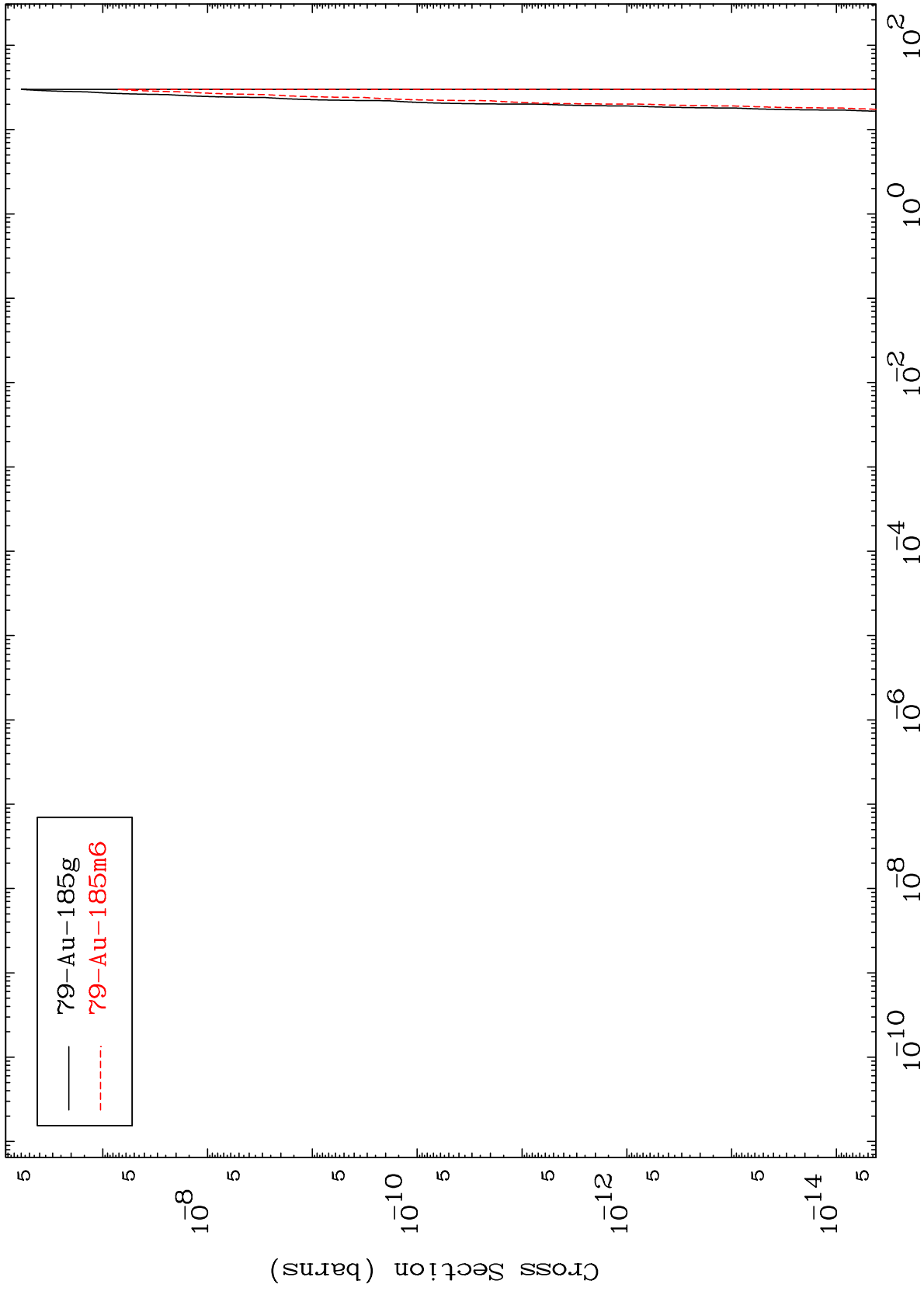
82-Pb-192

MAT 8189

(t,2n) 2 $\alpha$

82-Pb-192

Radionuclide Production Cross Section



20

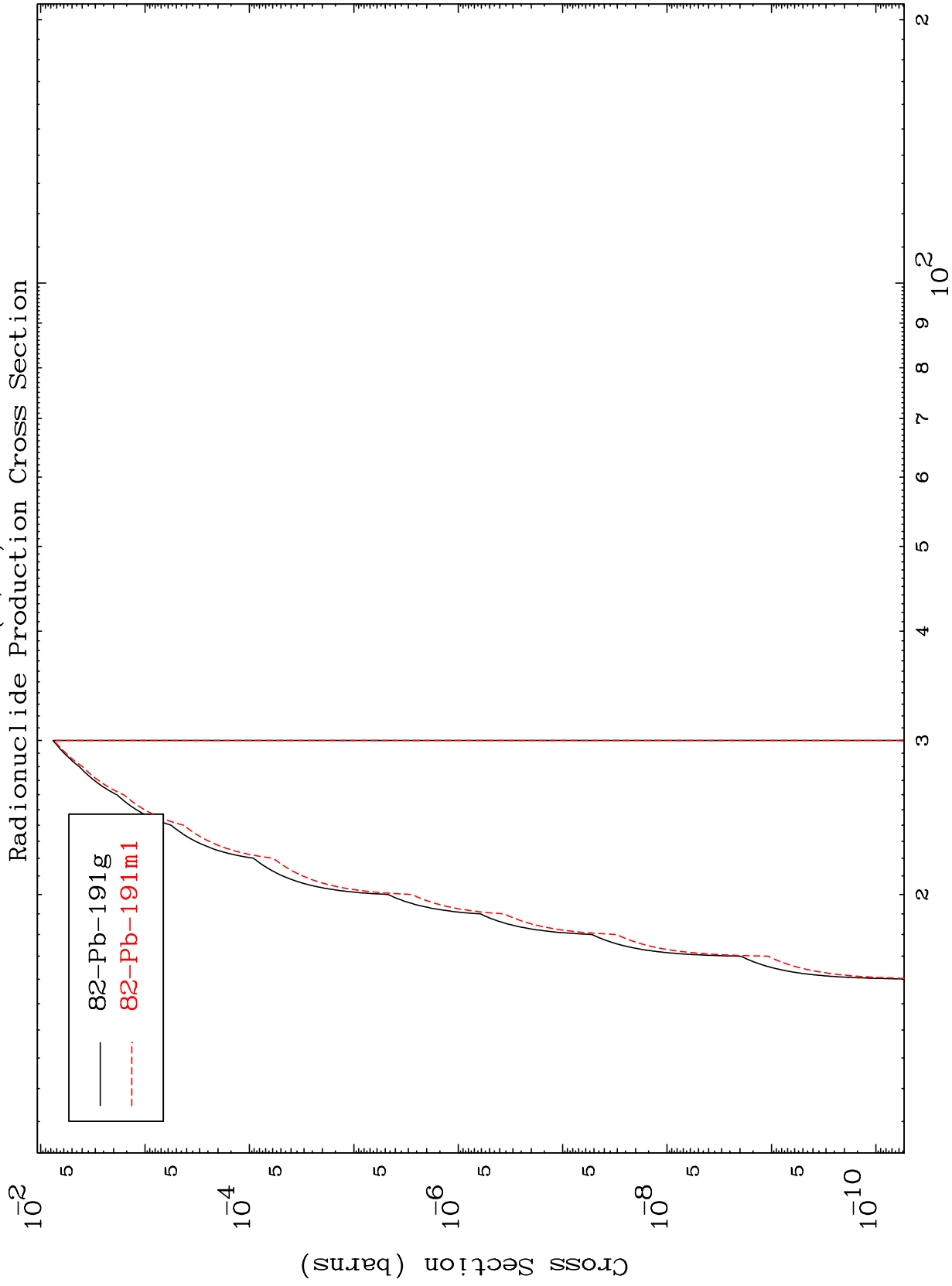
Incident Energy (MeV)

82-Pb-192

MAT 8189

(t,n') t

82-Pb-192



21

Incident Energy (MeV)

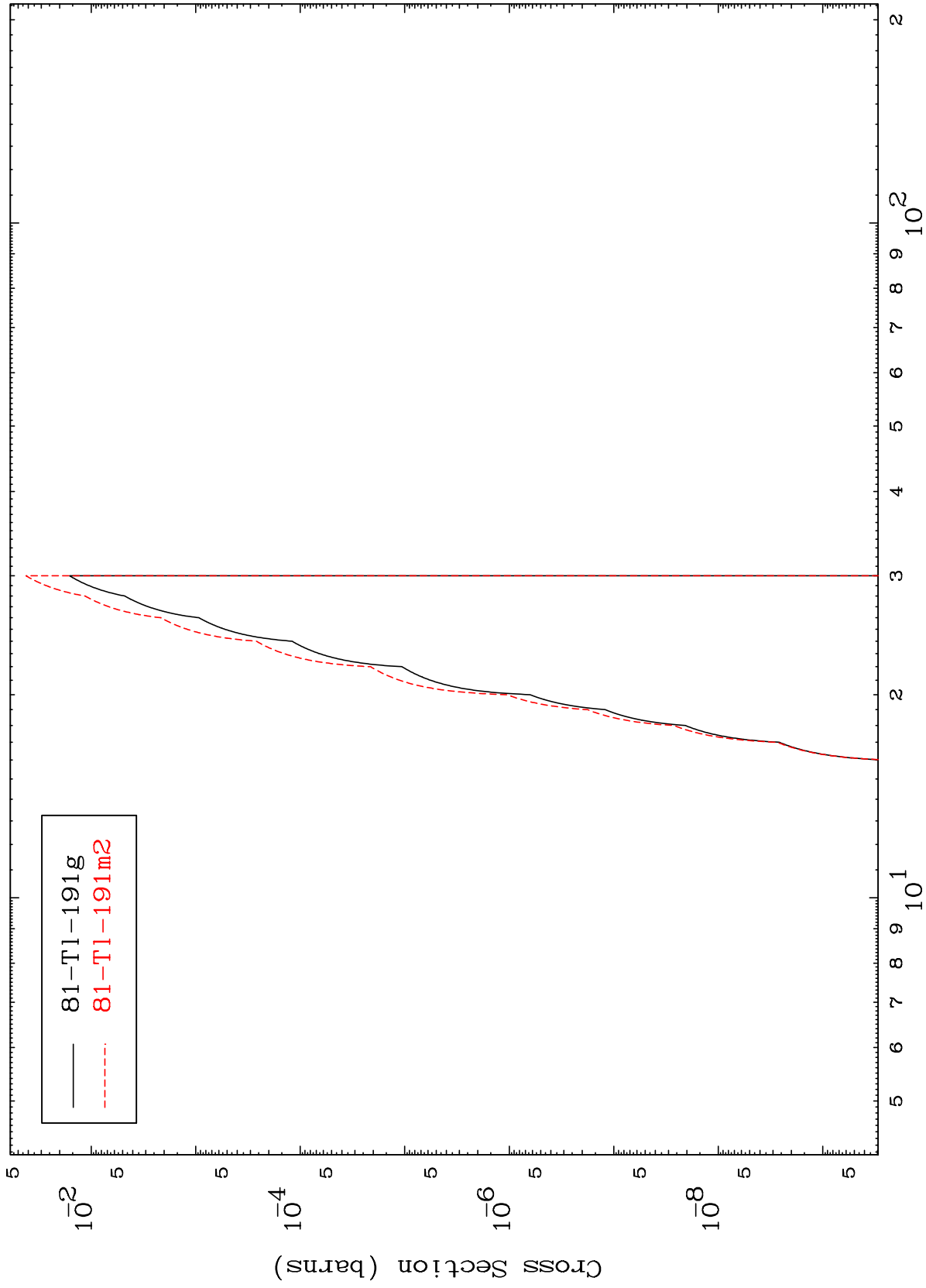
82-Pb-192

MAT 8189

(t, n') He-3

82-Pb-192

Radionuclide Production Cross Section



22

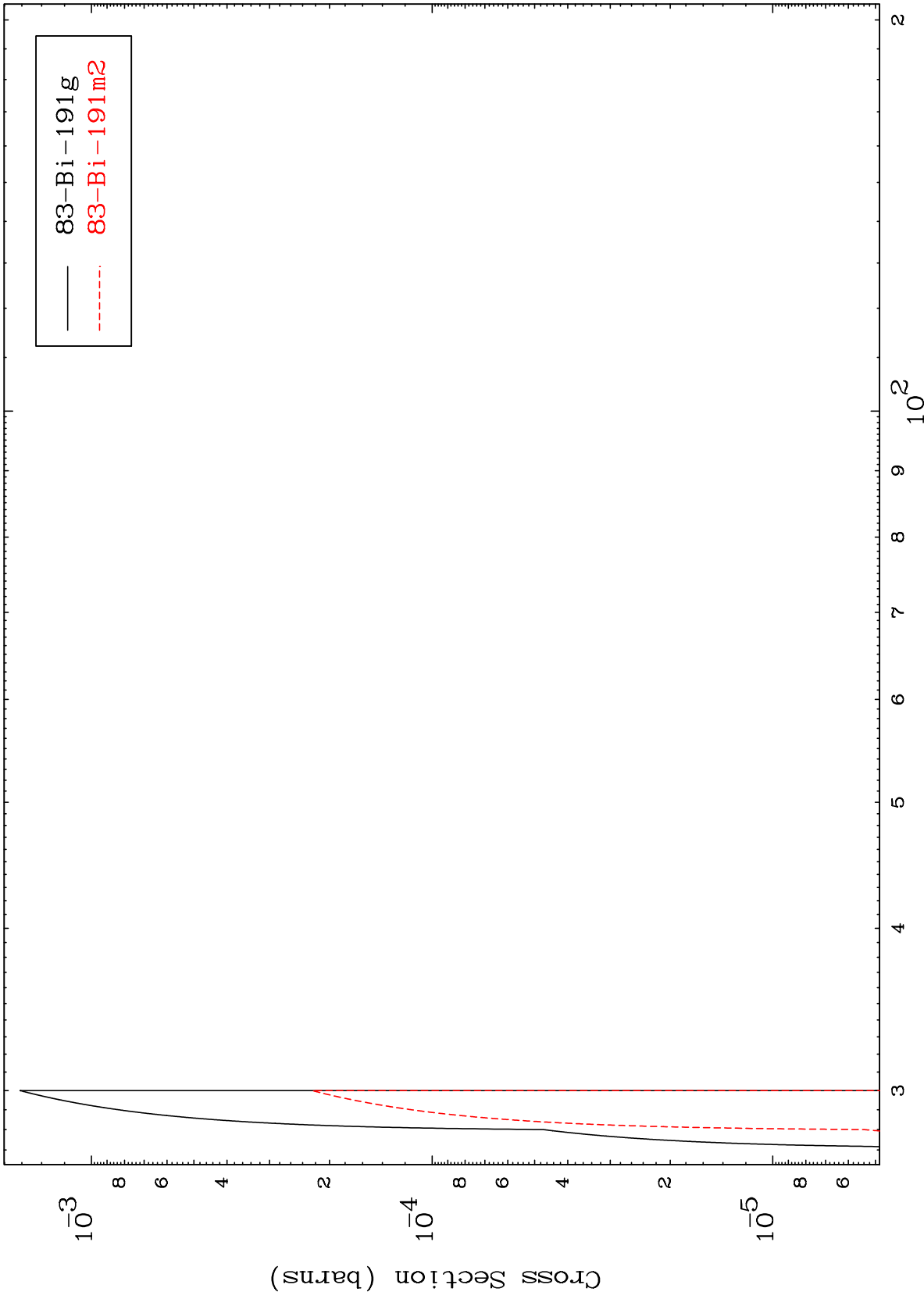
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(t,4n)  
Radionuclide Production Cross Section



23

82-Pb-192

Incident Energy (MeV)

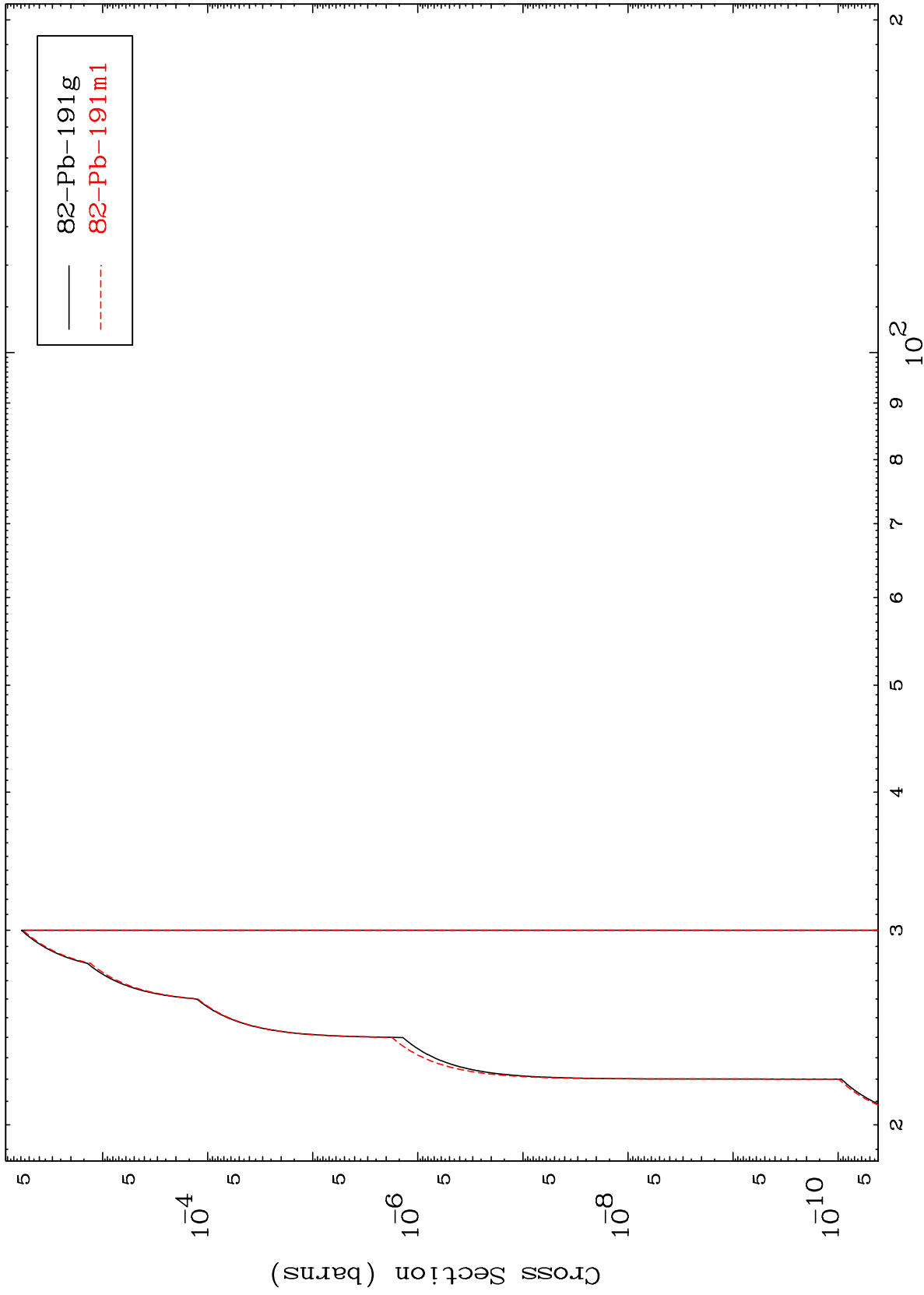


MAT 8189

(t,3n) p

82-Pb-192

Radionuclide Production Cross Section



24

Incident Energy (MeV)

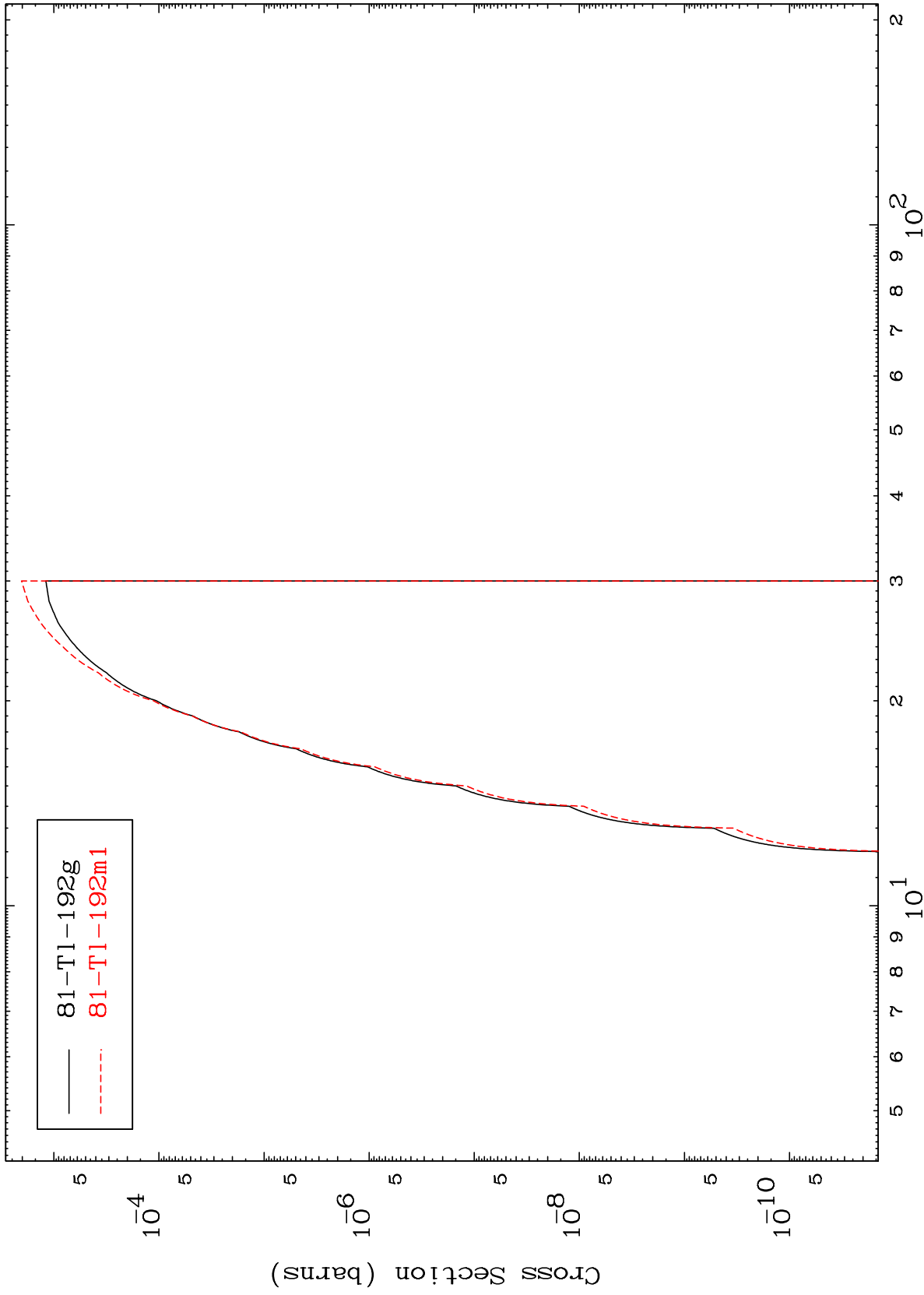
82-Pb-192

MAT 8189

(t,2n) p

82-Pb-192

Radionuclide Production Cross Section



25

Incident Energy (MeV)

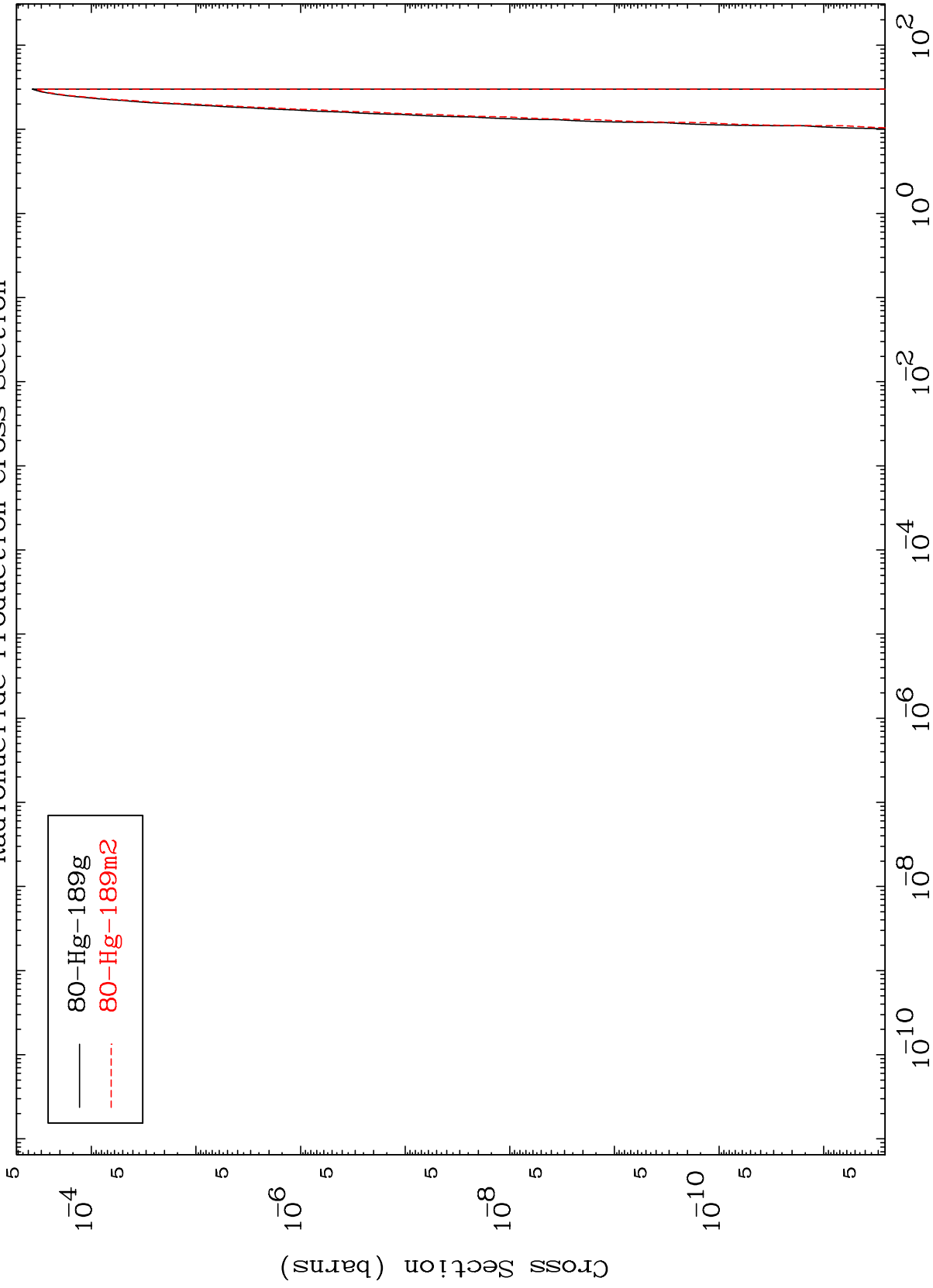
82-Pb-192

MAT 8189

(t,n') p  $\alpha$

82-Pb-192

Radionuclide Production Cross Section



26

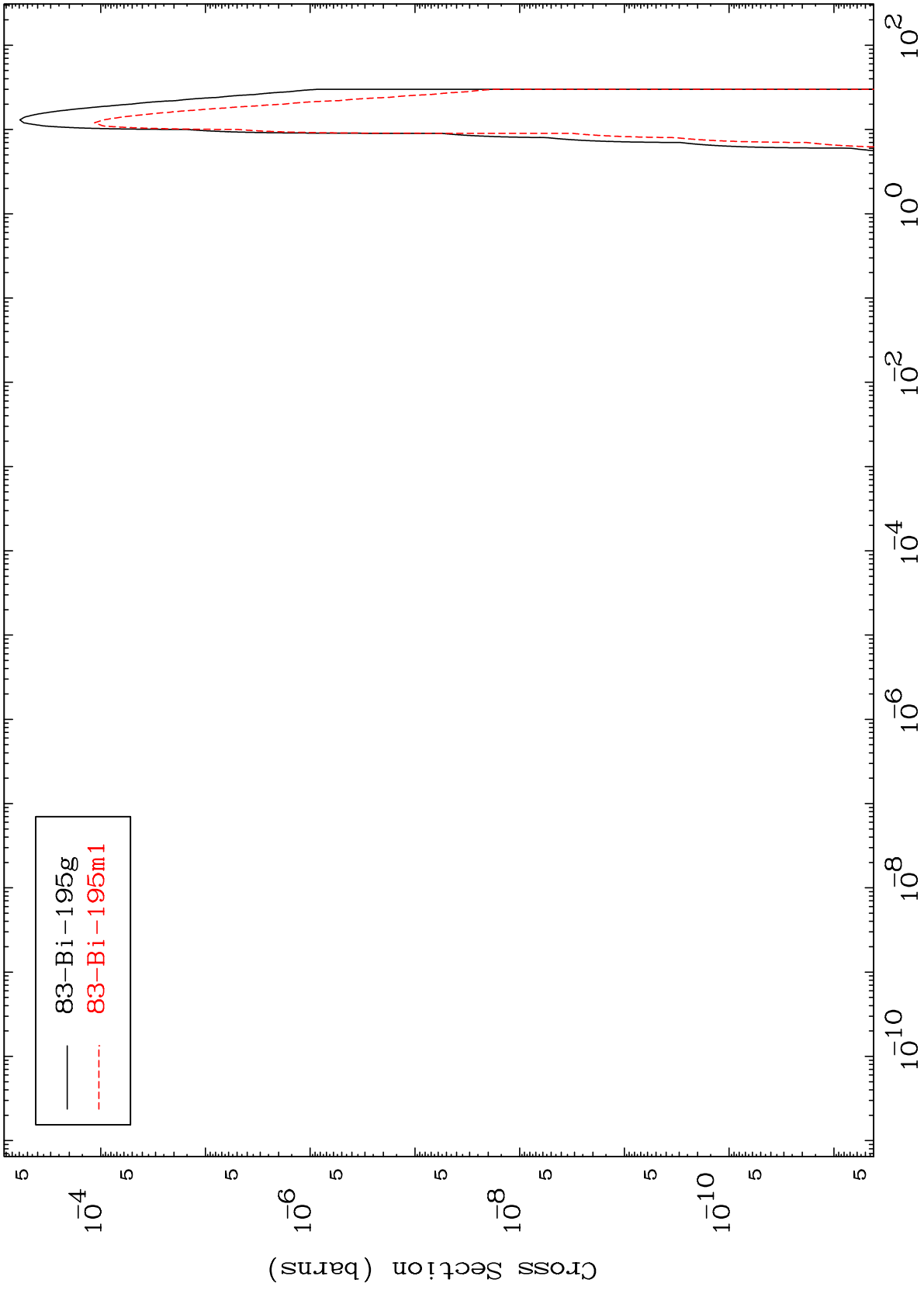
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

82-Pb-192

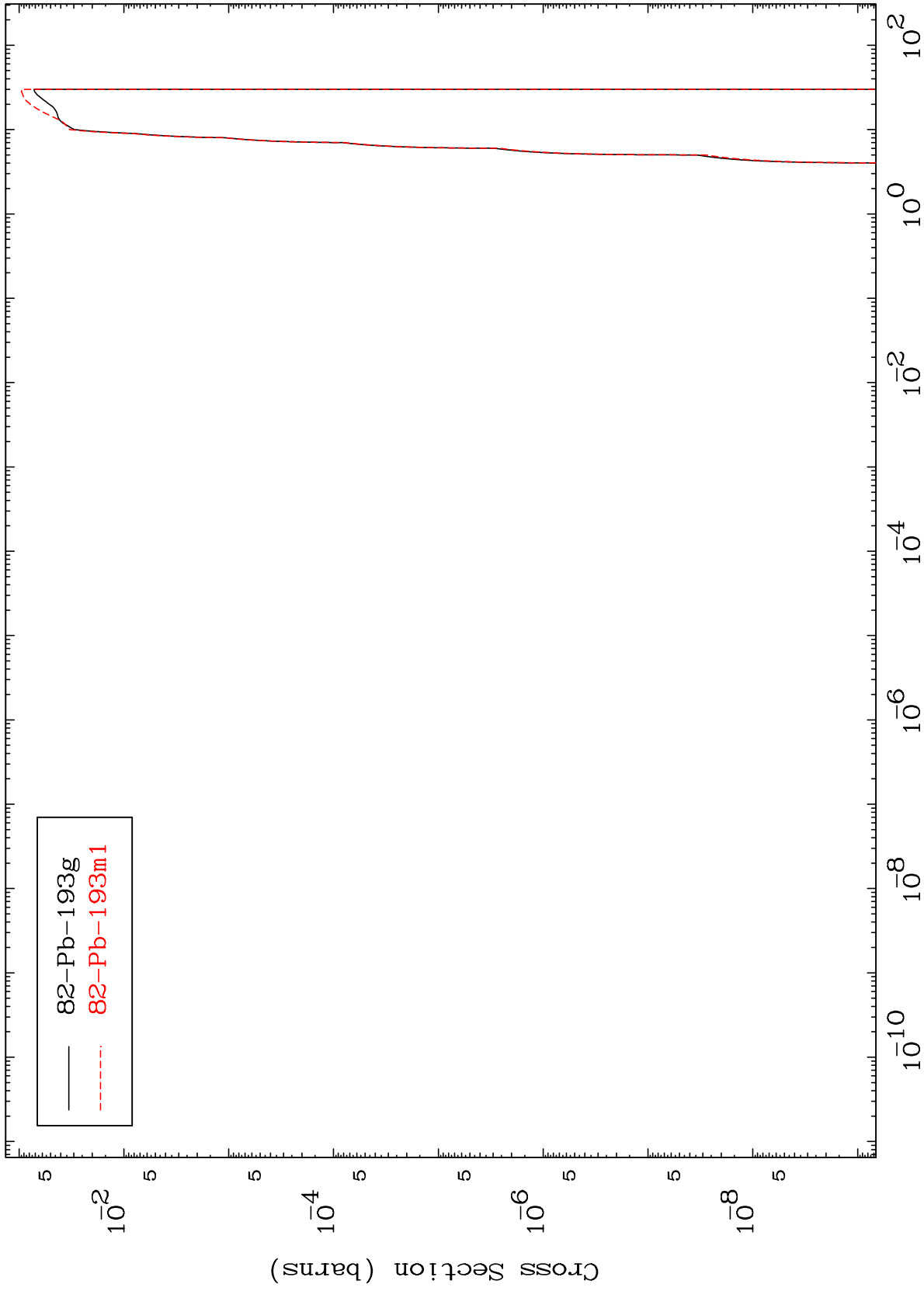


MAT 8189

(t,d)

82-Pb-192

Radionuclide Production Cross Section



28

Incident Energy (MeV)

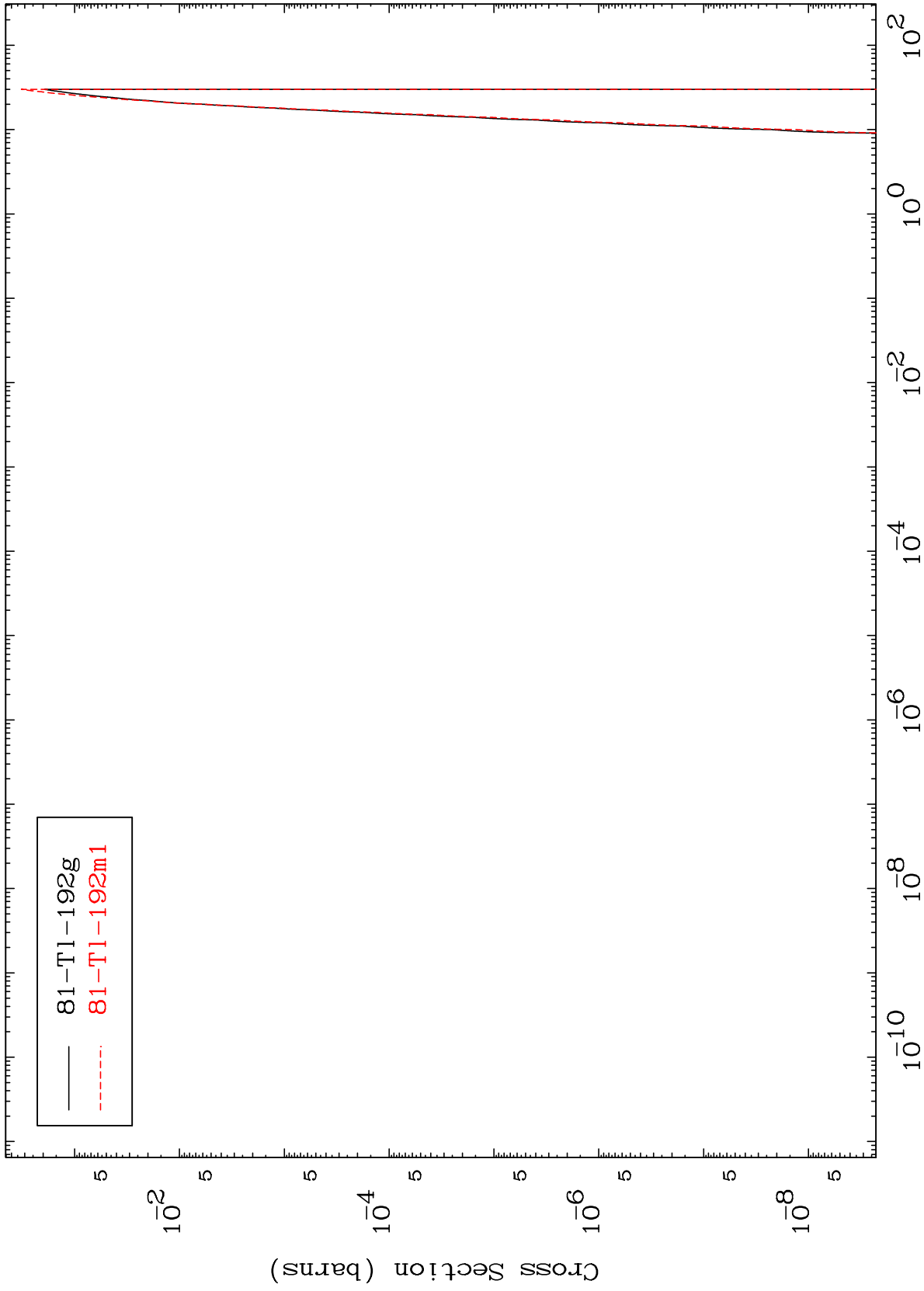
82-Pb-192

MAT 8189

(t, He-3)

82-Pb-192

Radionuclide Production Cross Section



29

Incident Energy (MeV)

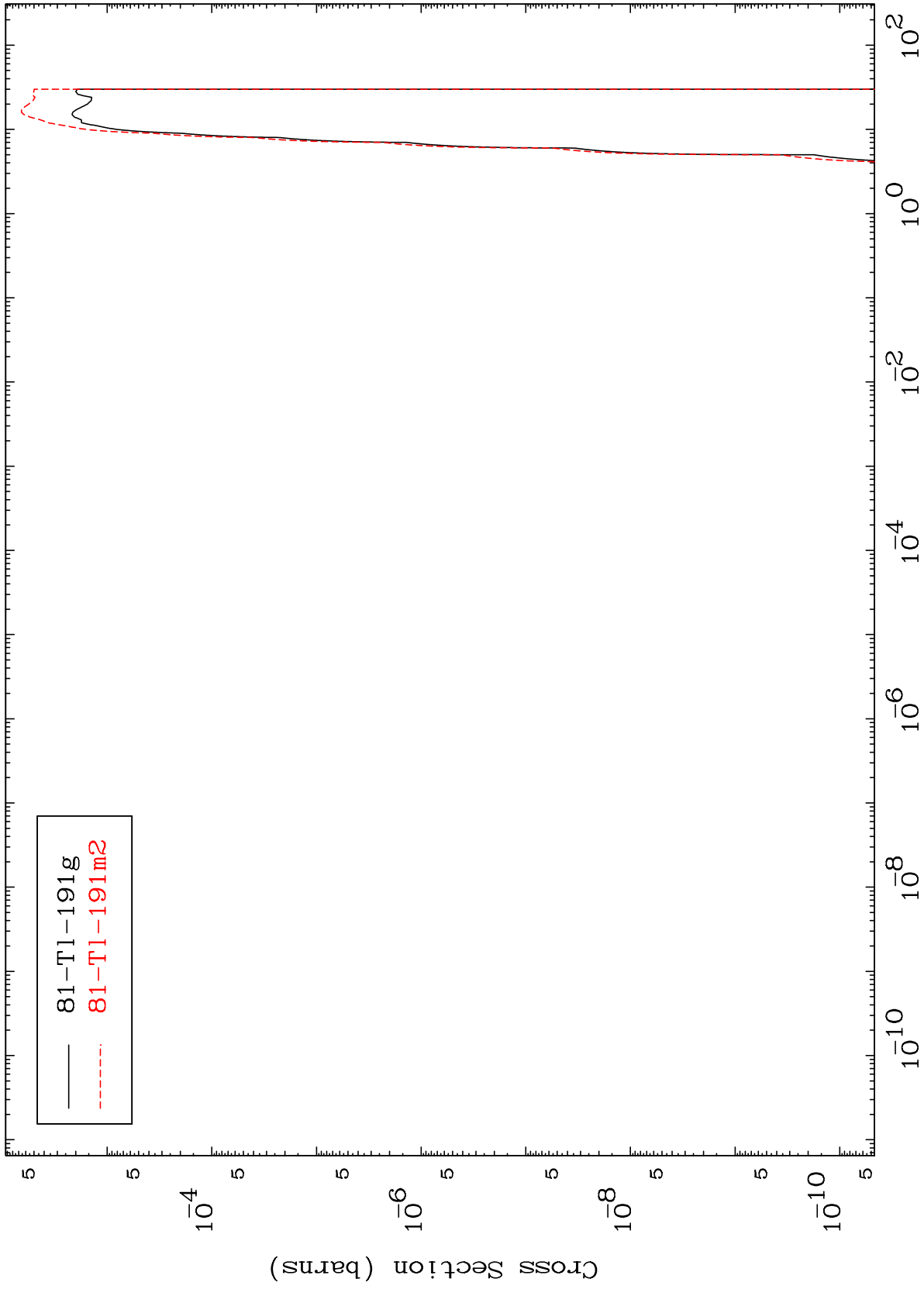
82-Pb-192

MAT 8189

(t,  $\alpha$ )

82-Pb-192

Radionuclide Production Cross Section



30

Incident Energy (MeV)

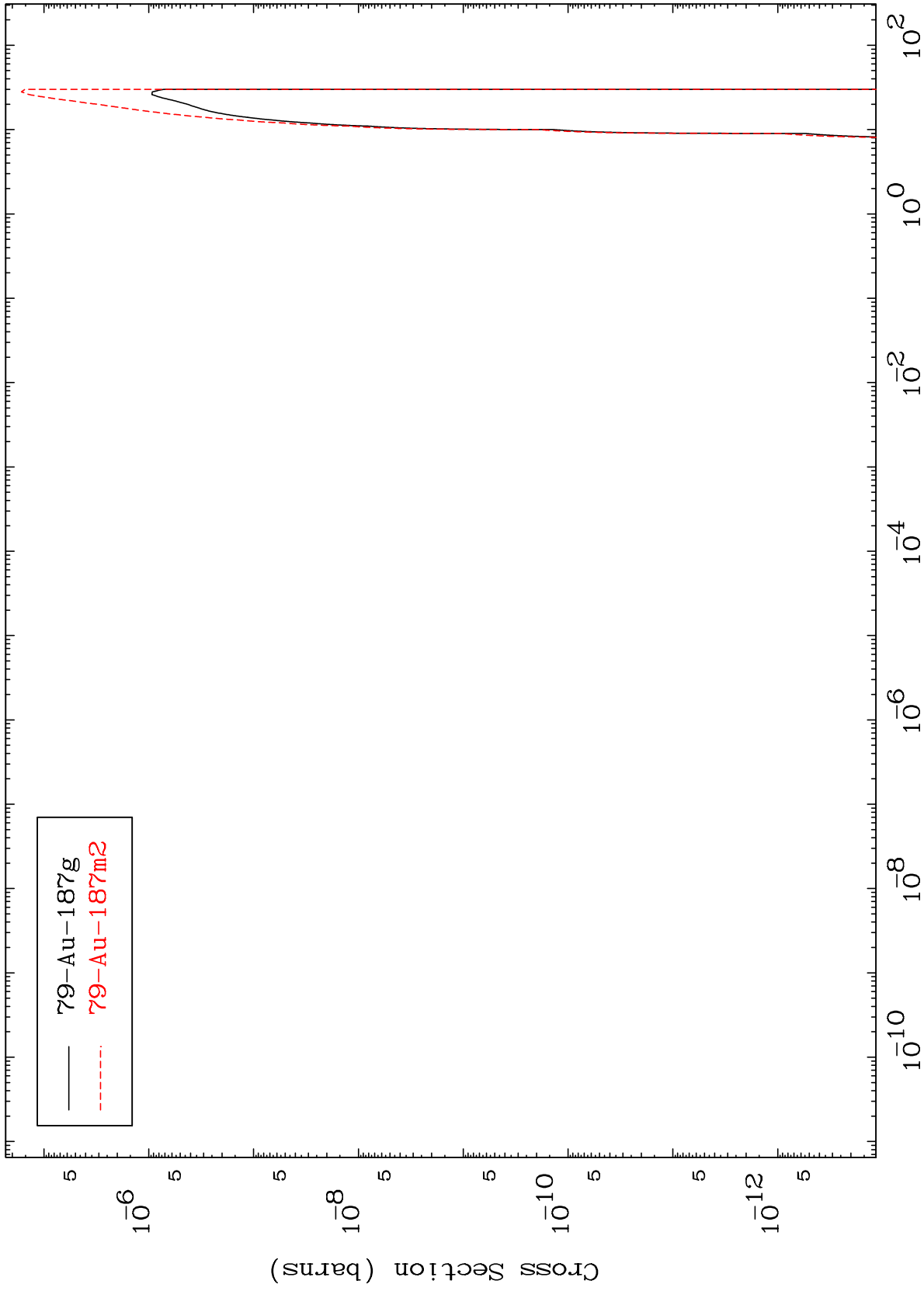
82-Pb-192

MAT 8189

(t,2α)

82-Pb-192

Radionuclide Production Cross Section



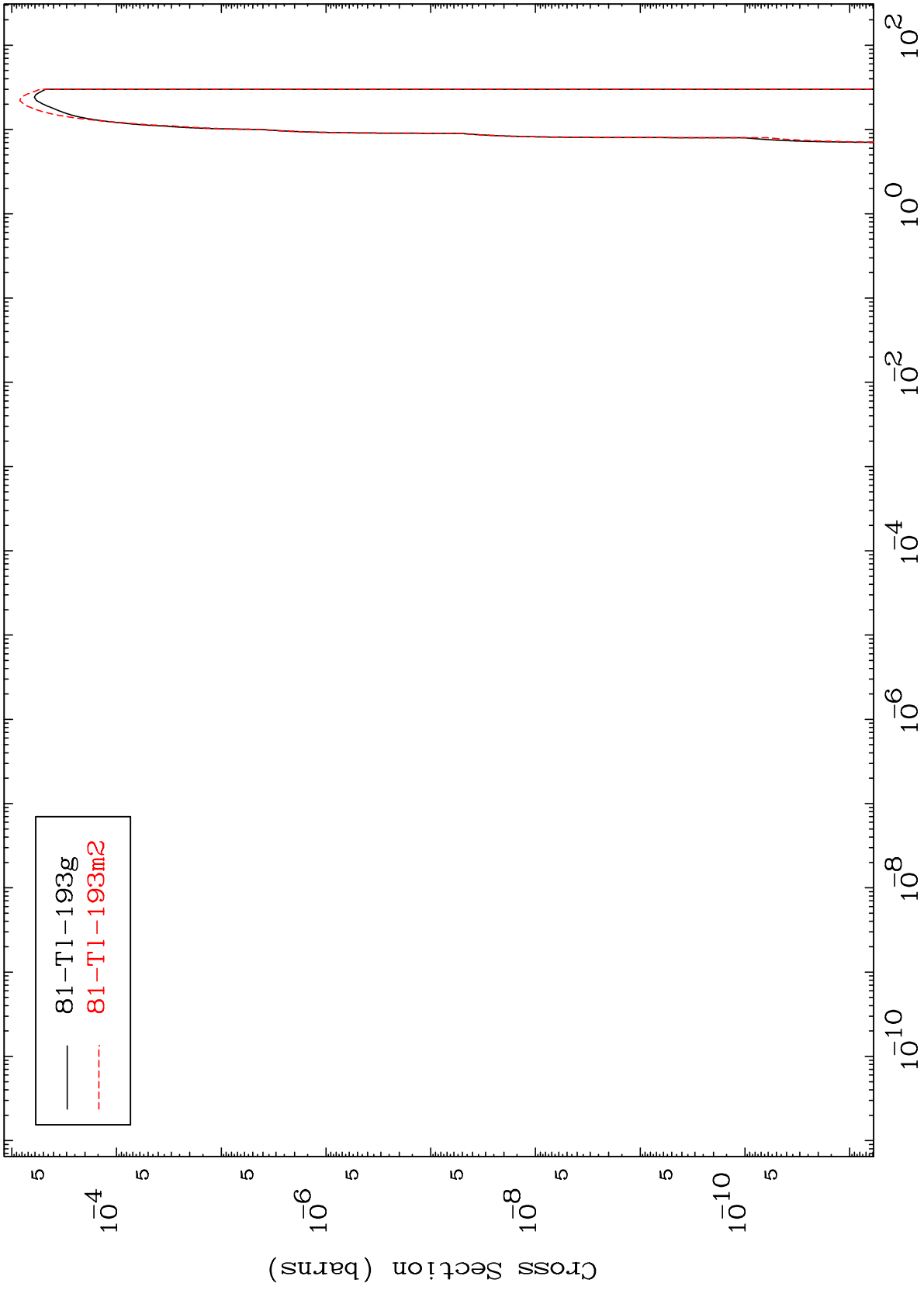
82-Pb-192



MAT 8189

(t,2p)  
Radionuclide Production Cross Section

82-Pb-192



32

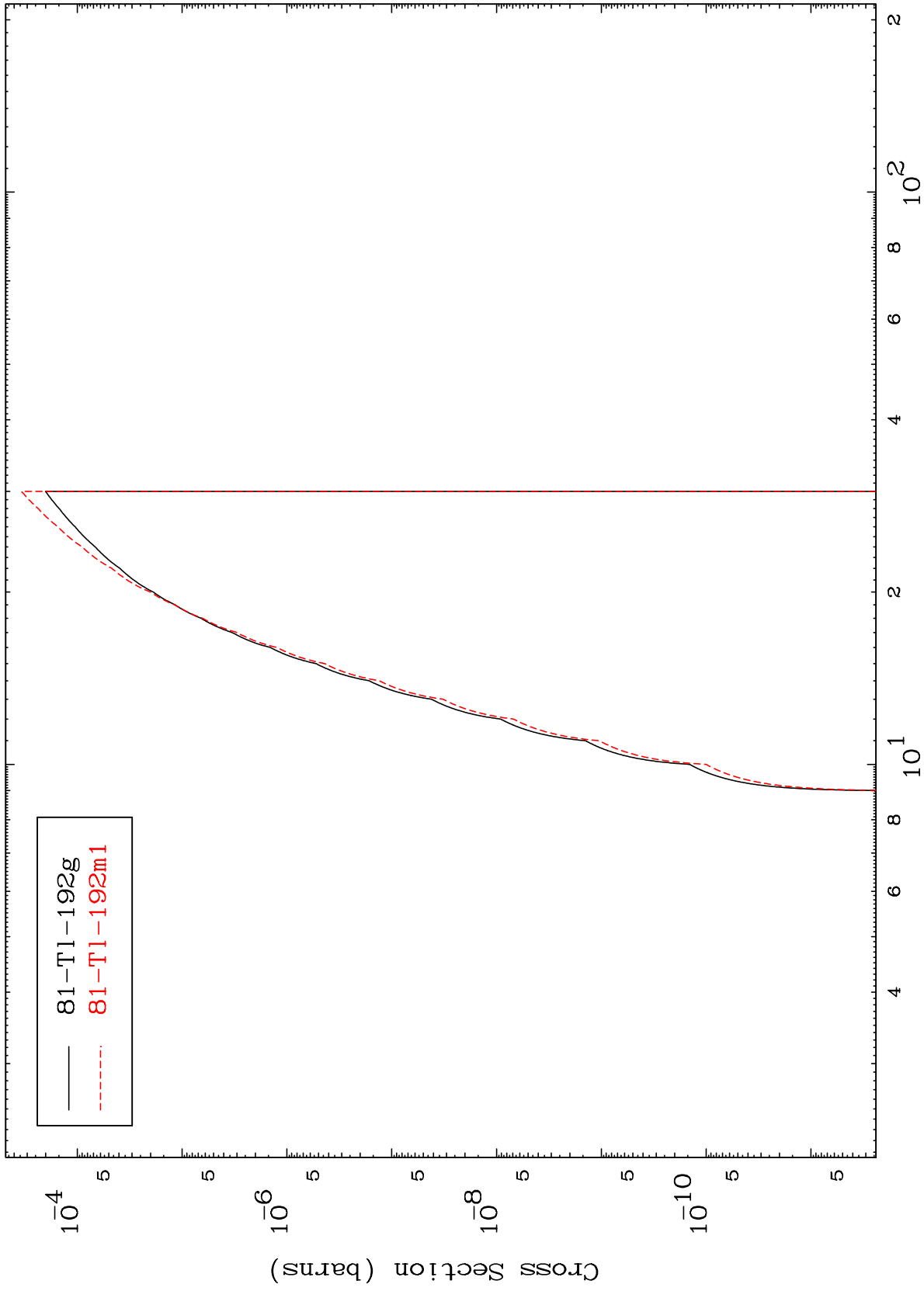
82-Pb-192

MAT 8189

(t,p) d

82-Pb-192

Radionuclide Production Cross Section



33

Incident Energy (MeV)

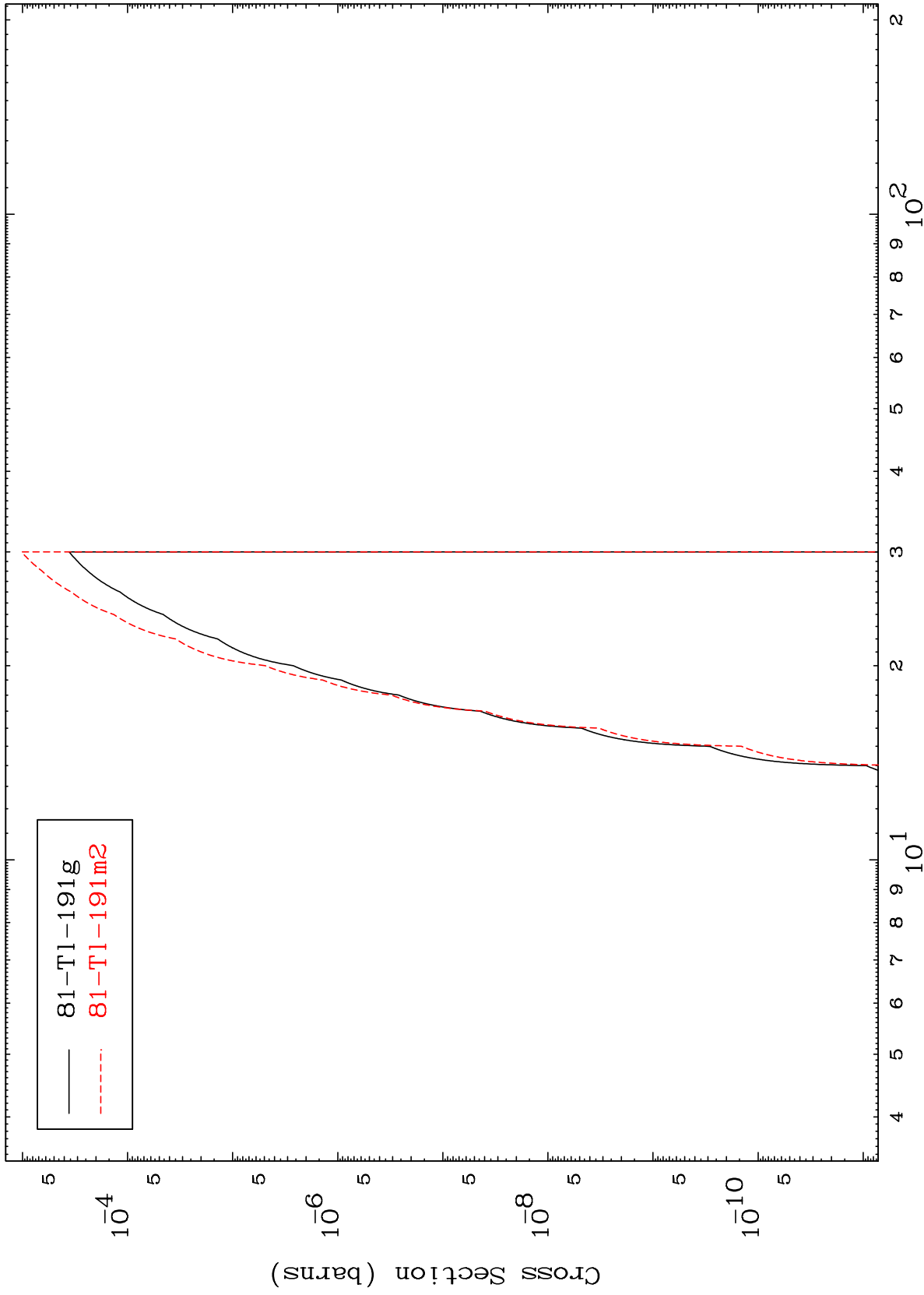
82-Pb-192

MAT 8189

(t,p) t

82-Pb-192

Radionuclide Production Cross Section



34

Incident Energy (MeV)

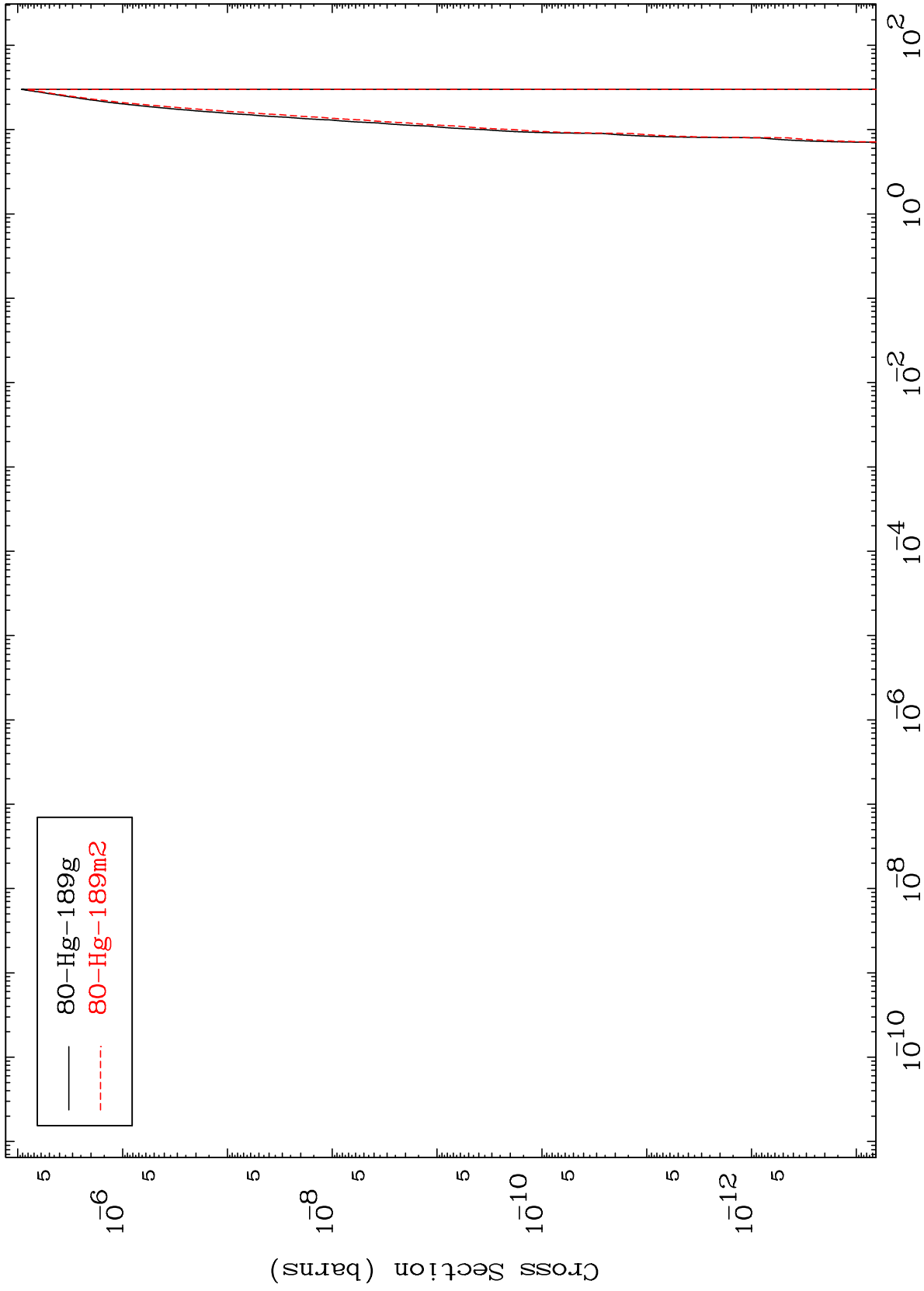
82-Pb-192

MAT 8189

(t,d)  $\alpha$

82-Pb-192

Radionuclide Production Cross Section



35

Incident Energy (MeV)

82-Pb-192