

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

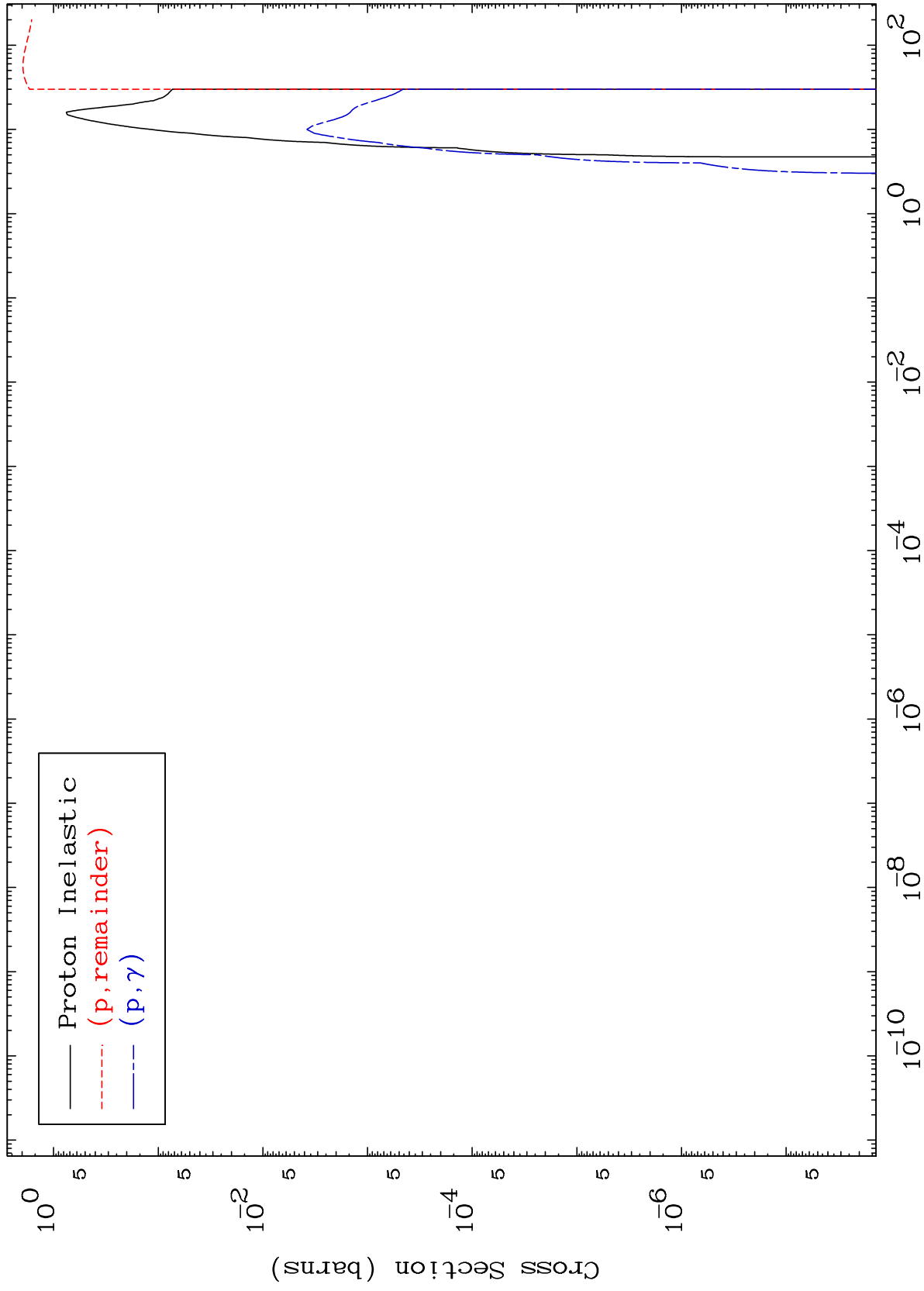
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8211

Proton Major  
0 Kelvin Cross Sections

82-Pb-199

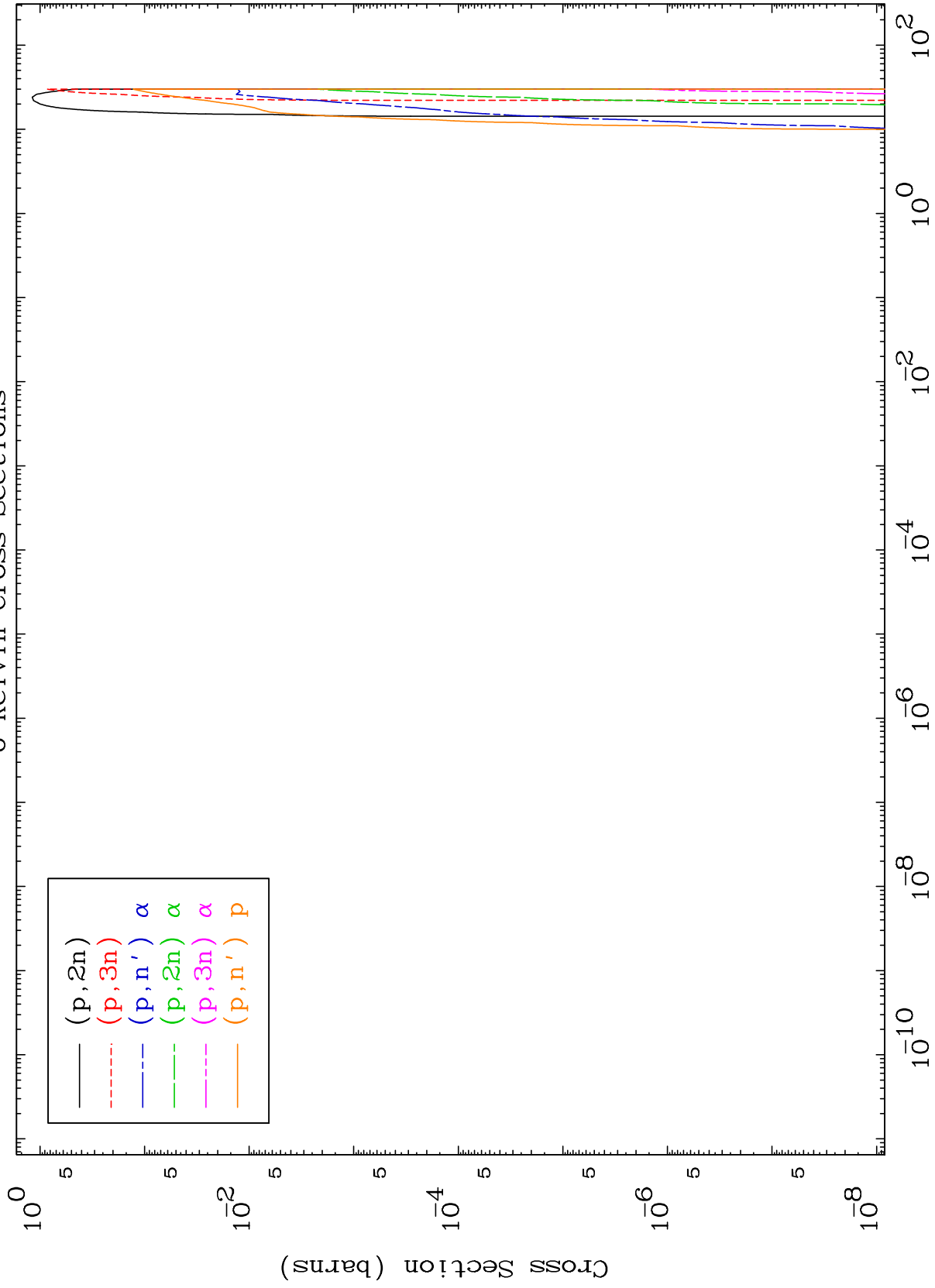


82-Pb-199

MAT 8211

Proton Neutron Production  
0 Kelvin Cross Sections

82-Pb-199



2

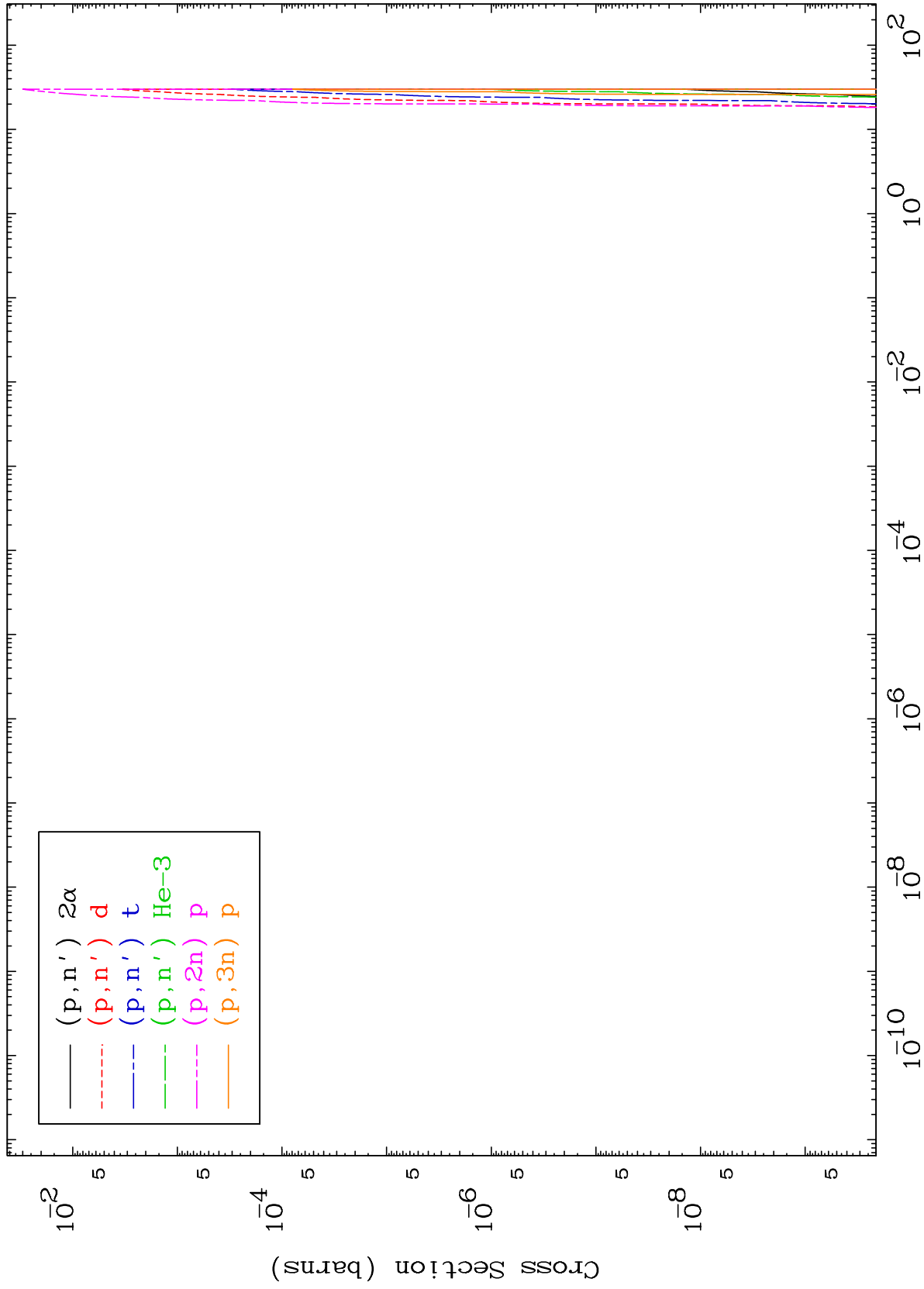
Incident Energy (MeV)

82-Pb-199

MAT 8211

Proton Neutron Production  
0 Kelvin Cross Sections

82-Pb-199



3

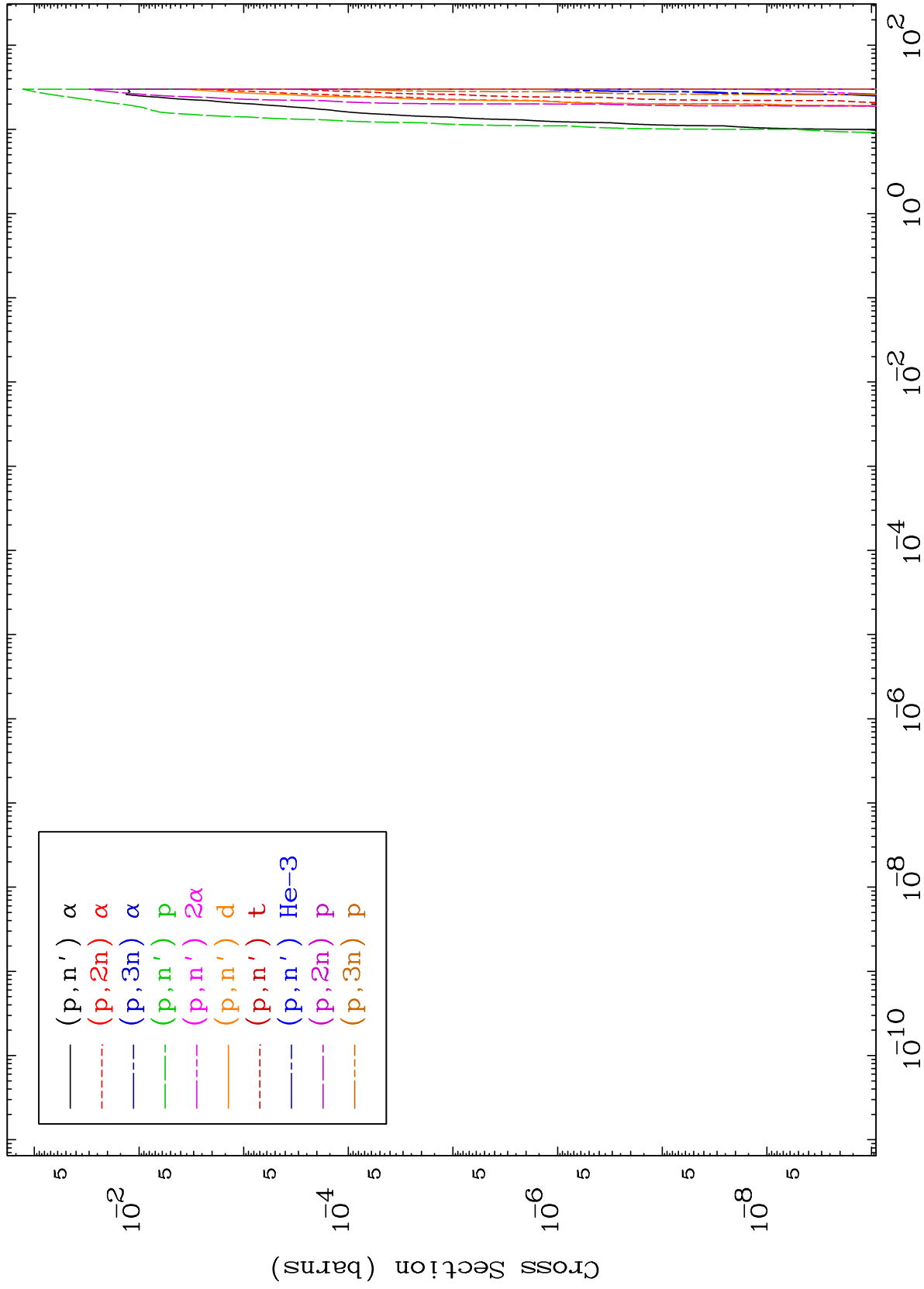
Incident Energy (MeV)

82-Pb-199

MAT 8211

Proton Charged Particle  
0 Kelvin Cross Sections

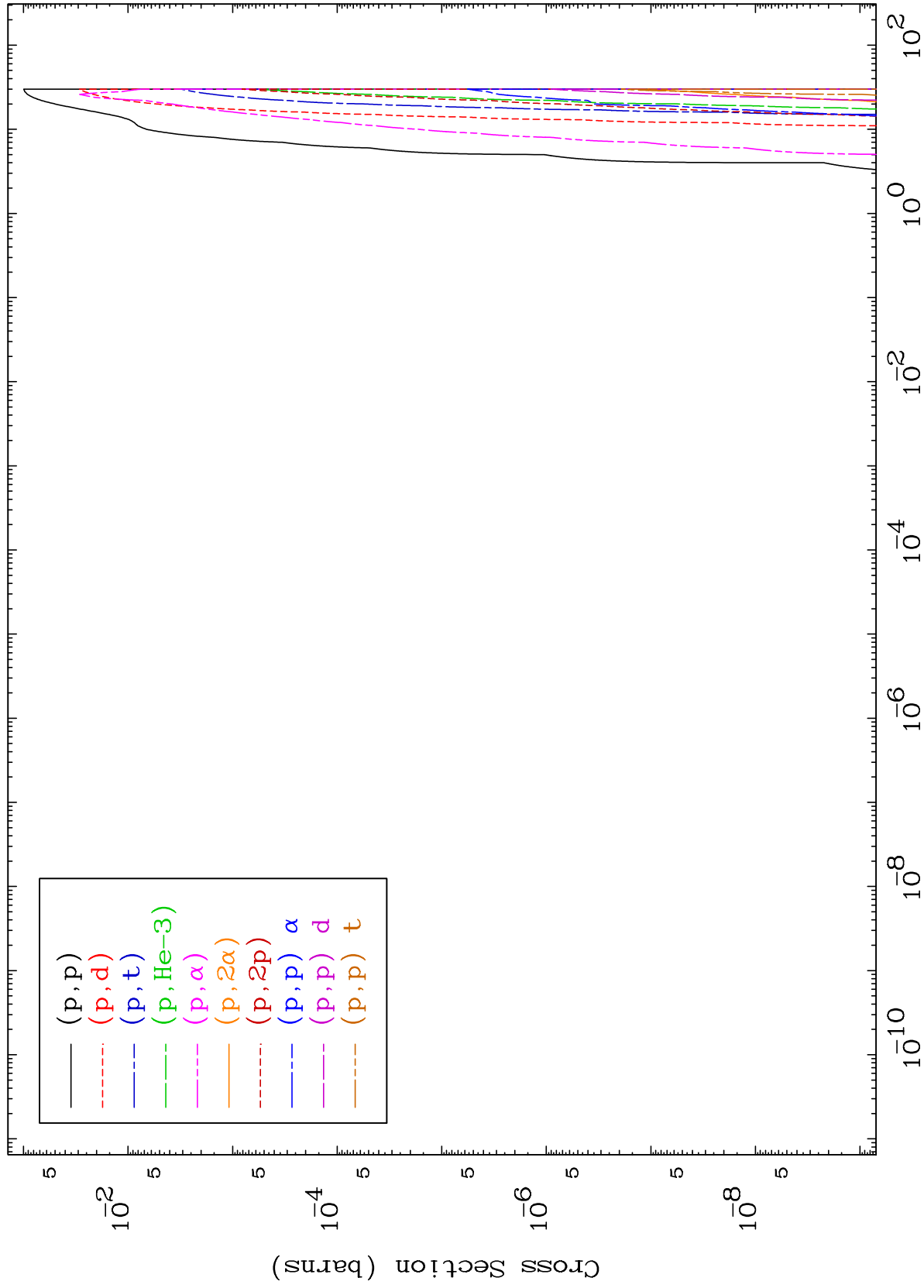
82-Pb-199



MAT 8211

Proton Charged Particle  
0 Kelvin Cross Sections

82-Pb-199



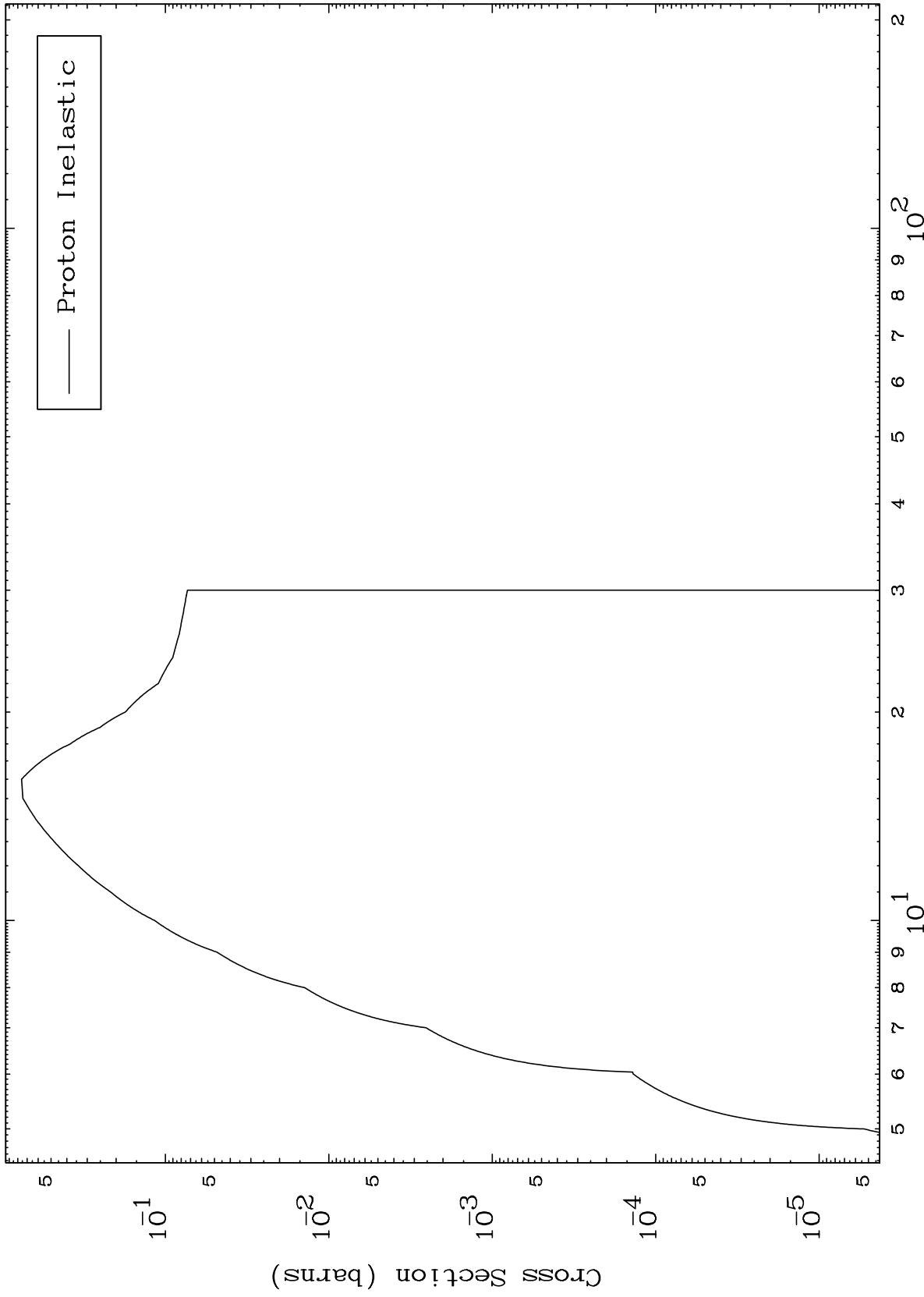
5

82-Pb-199

MAT 8211

(p,n') Level  
0 Kelvin Cross Sections

82-Pb-199



6

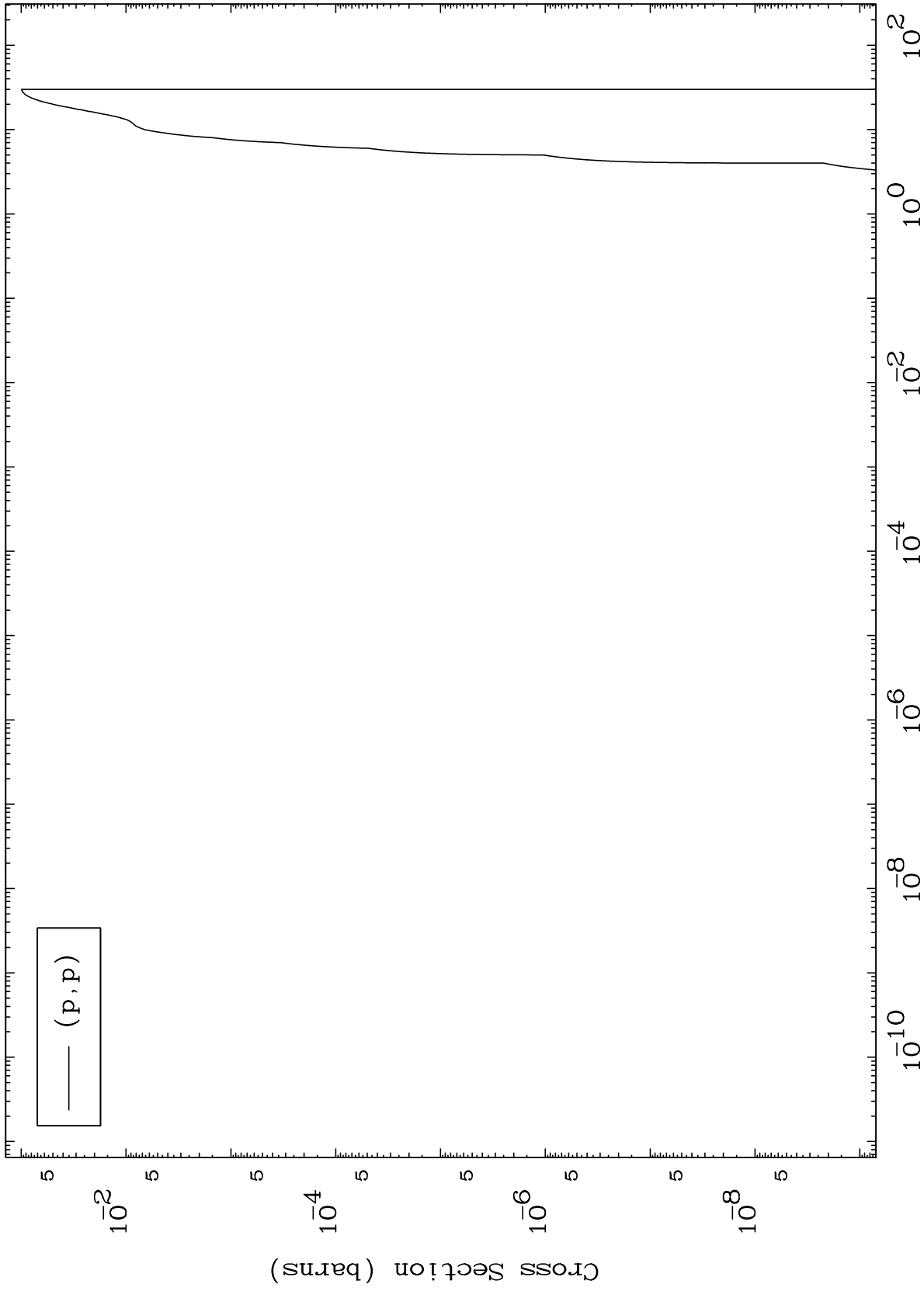
Incident Energy (MeV)

82-Pb-199

MAT 8211

(p,p) Levels  
0 Kelvin Cross Sections

82-Pb-199



7

Incident Energy (MeV)

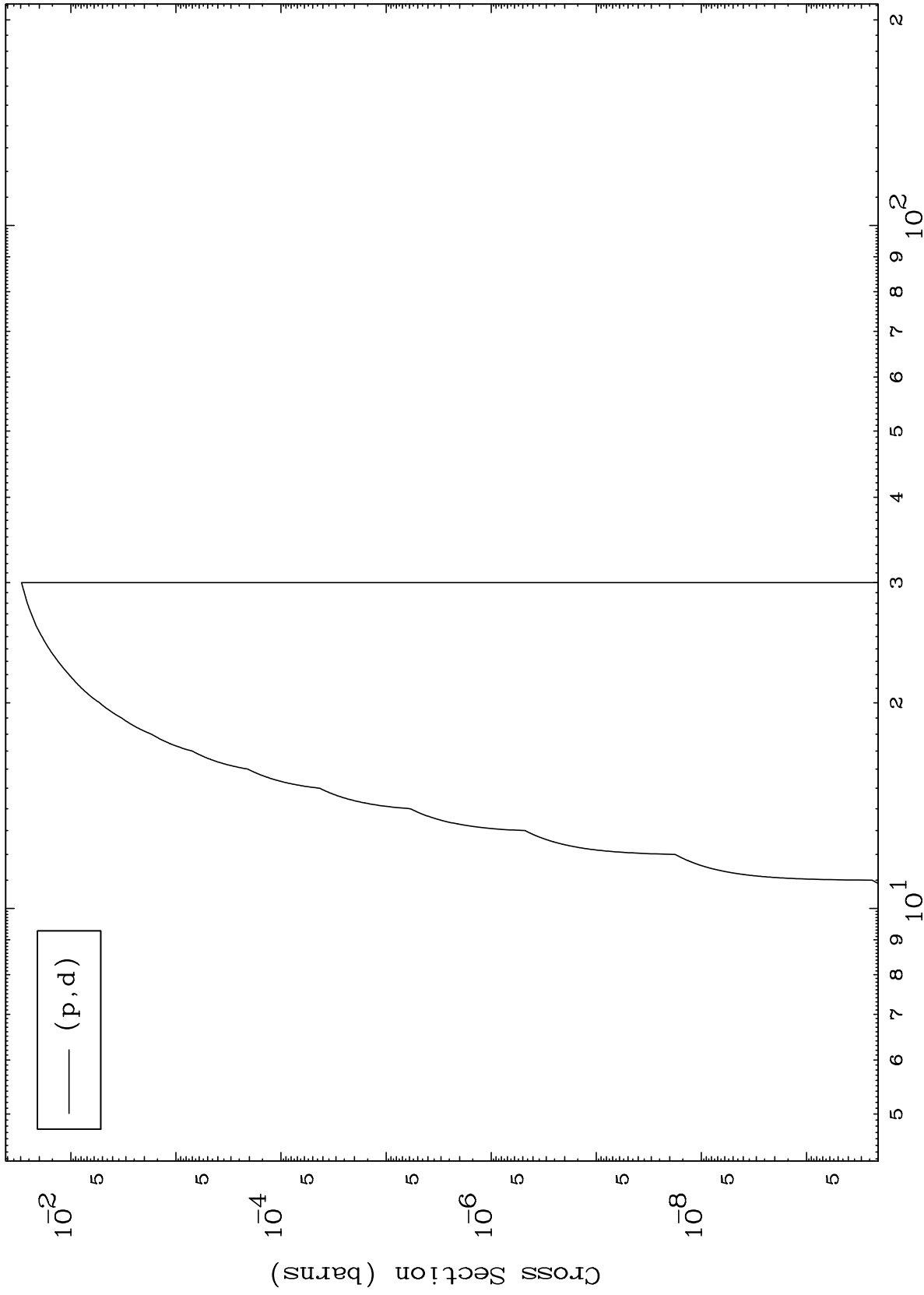
82-Pb-199



MAT 8211

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-199



8

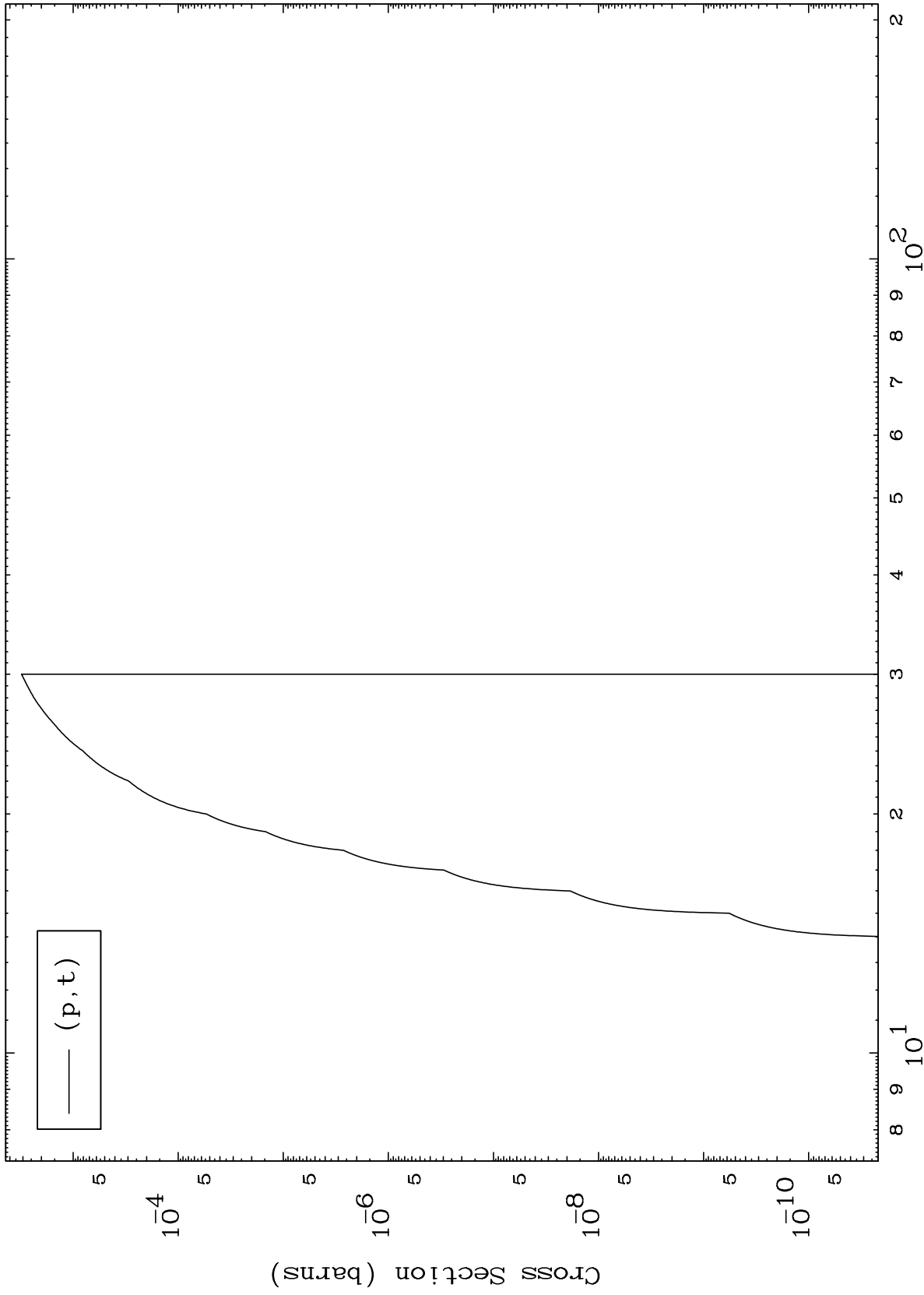
Incident Energy (MeV)

82-Pb-199

MAT 8211

(p,t) Levels  
0 Kelvin Cross Sections

82-Pb-199



9

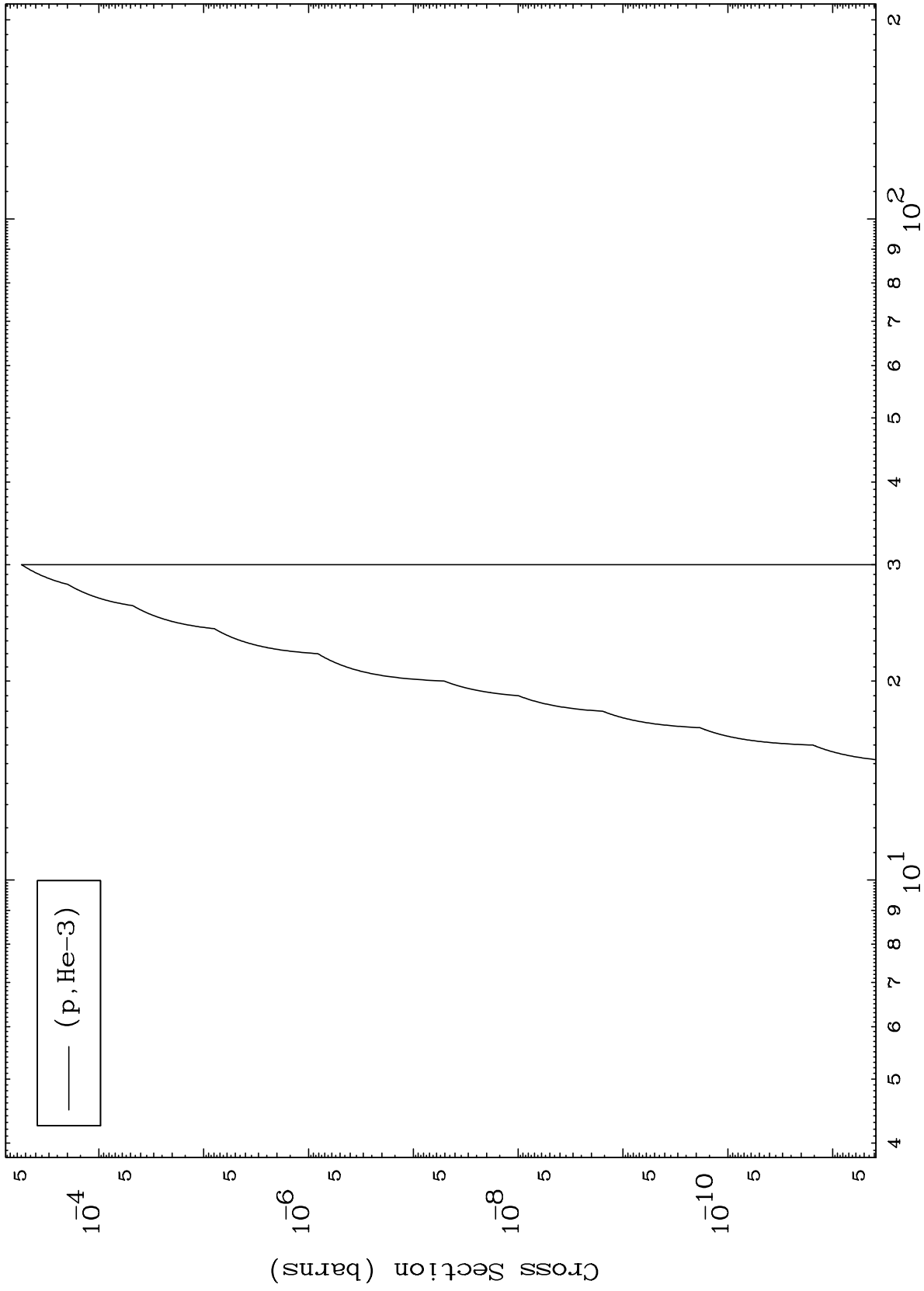
Incident Energy (MeV)

82-Pb-199

MAT 8211

(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-199



10

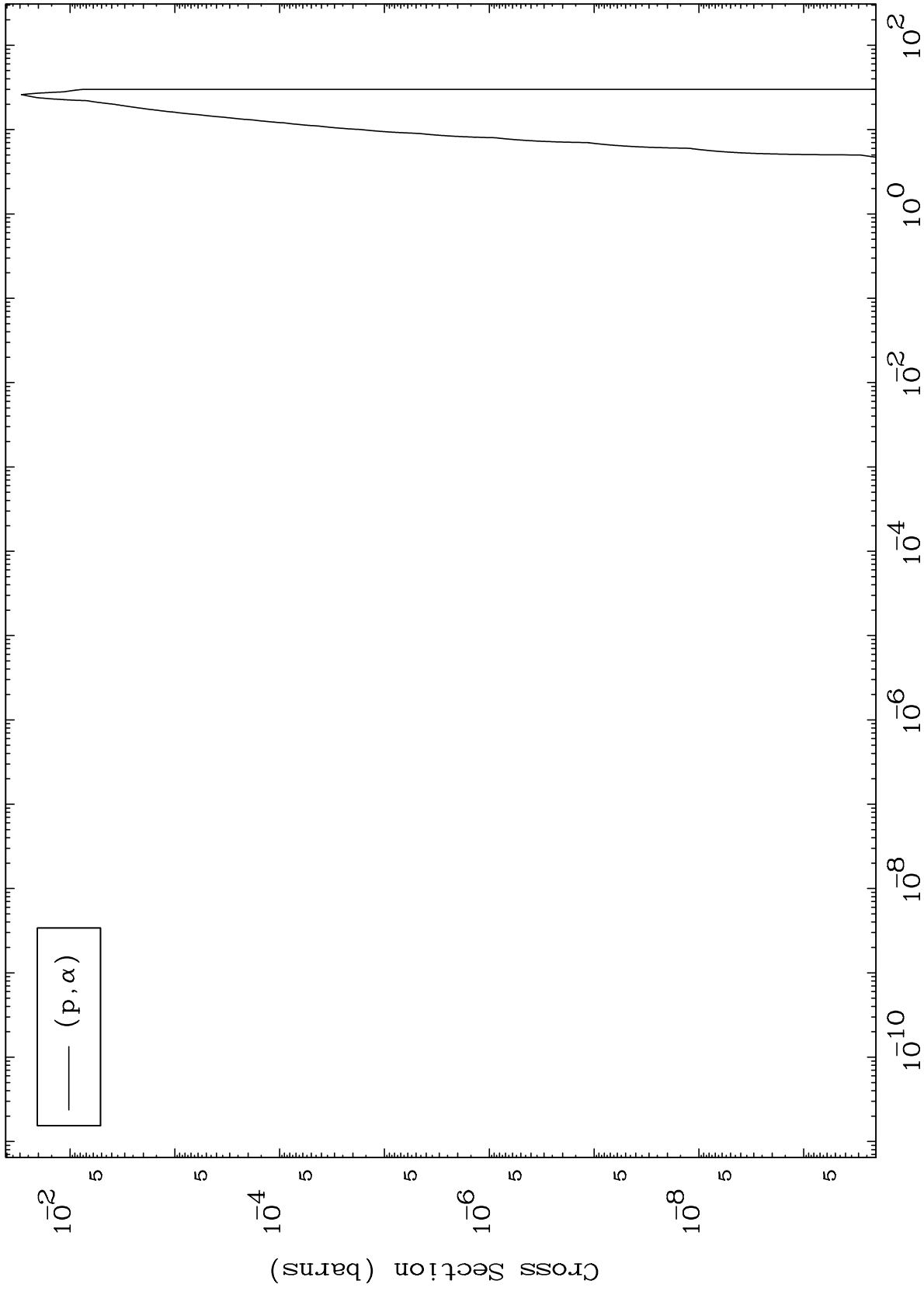
Incident Energy (MeV)

82-Pb-199

MAT 8211

(p,α) Levels  
0 Kelvin Cross Sections

82-Pb-199



11

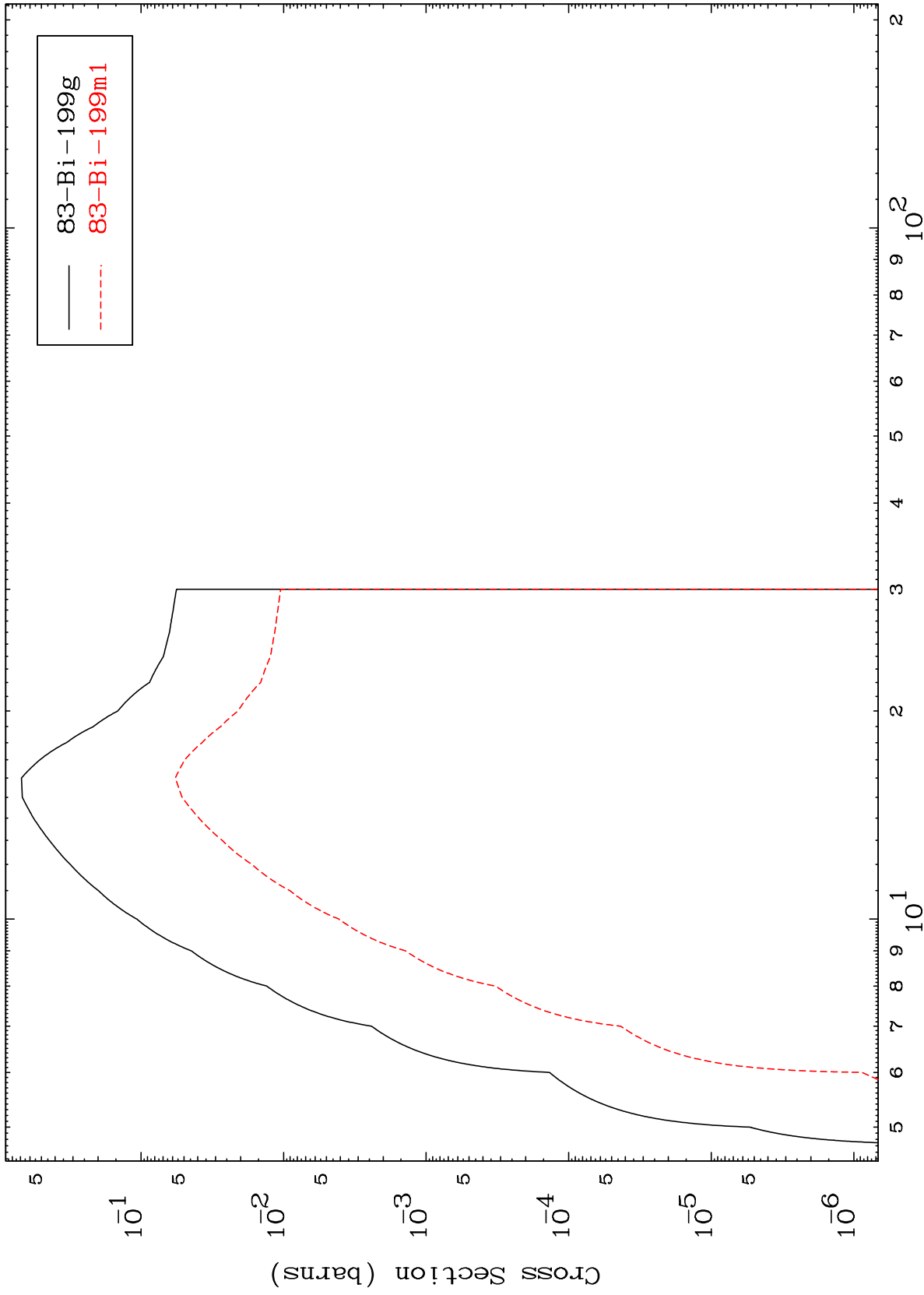
Incident Energy (MeV)

82-Pb-199

MAT 8211

Proton Inelastic  
Radionuclide Production Cross Section

82-Pb-199



12

Incident Energy (MeV)

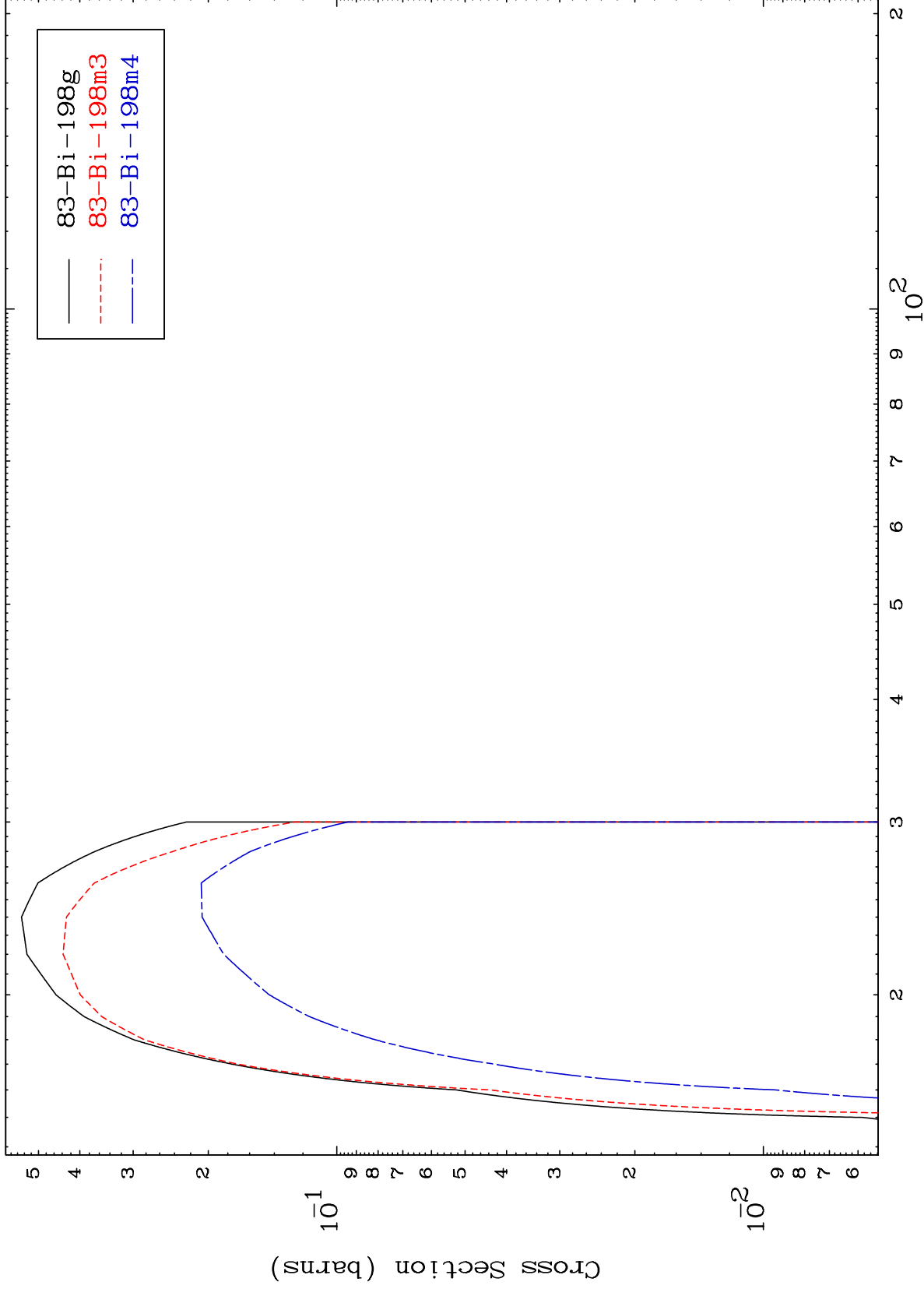
82-Pb-199

MAT 8211

(p,2n)

82-Pb-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

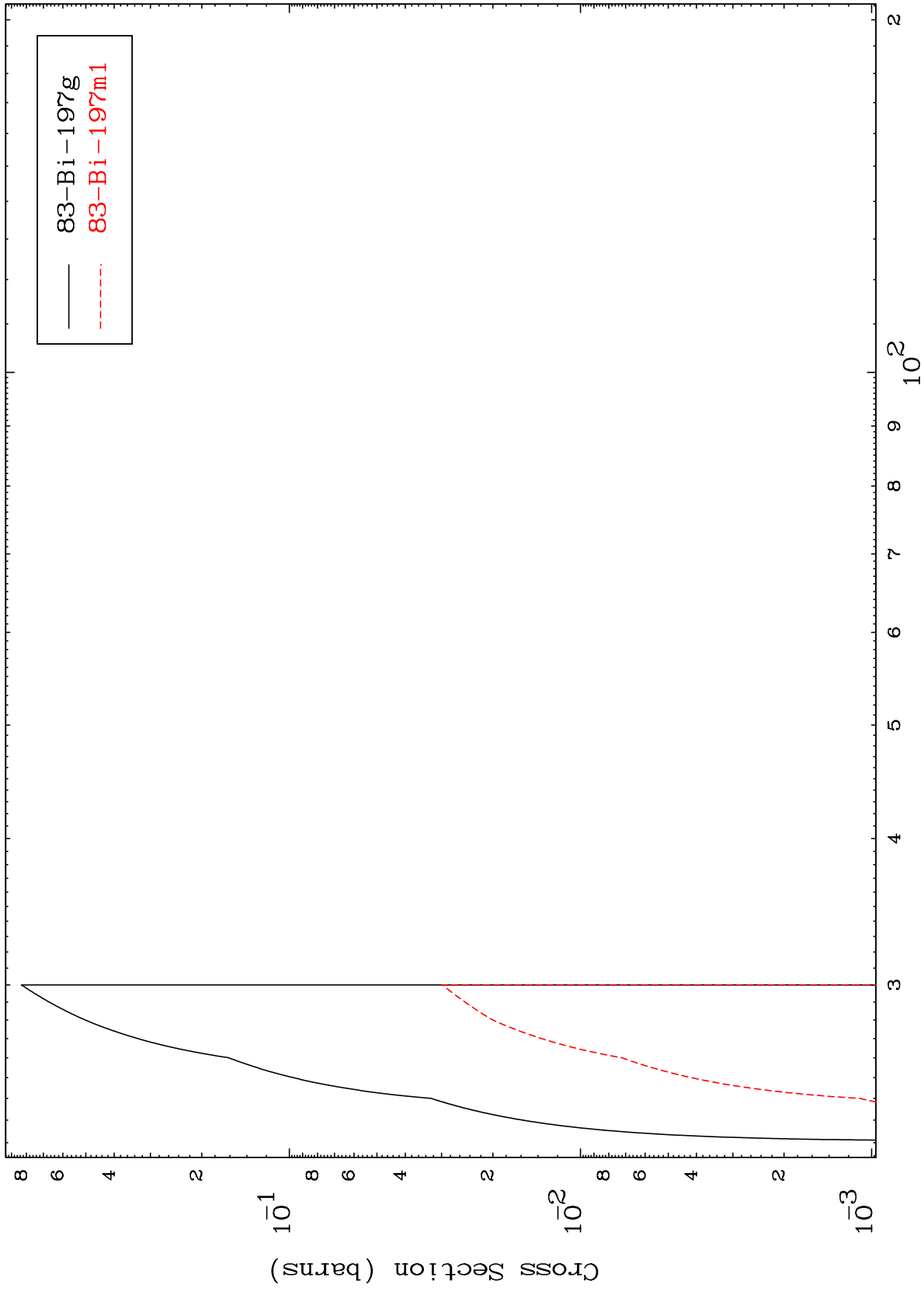
82-Pb-199

MAT 8211

(p,3n)

82-Pb-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

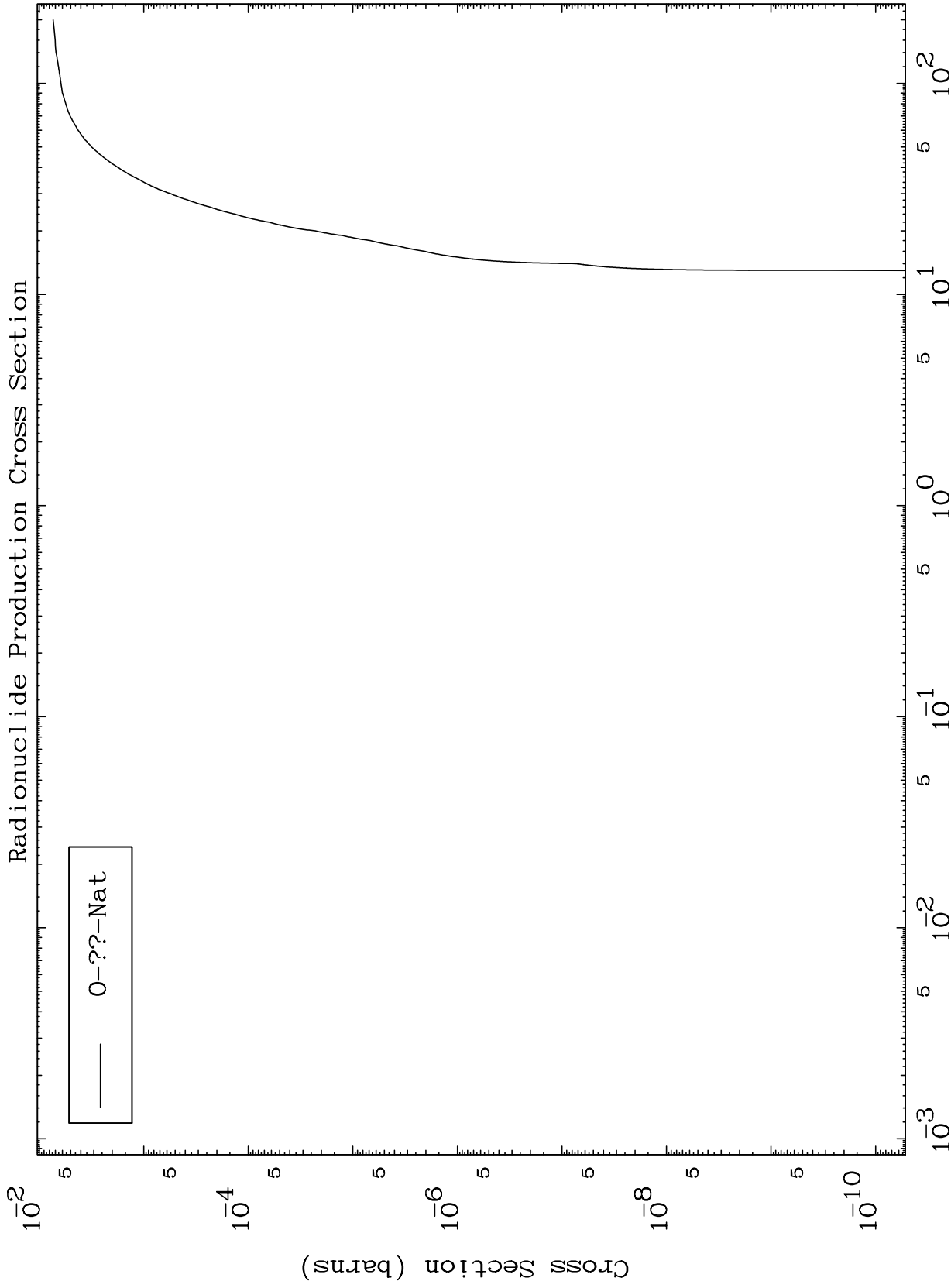
82-Pb-199

MAT 8211

Proton Fission

82-Pb-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-199

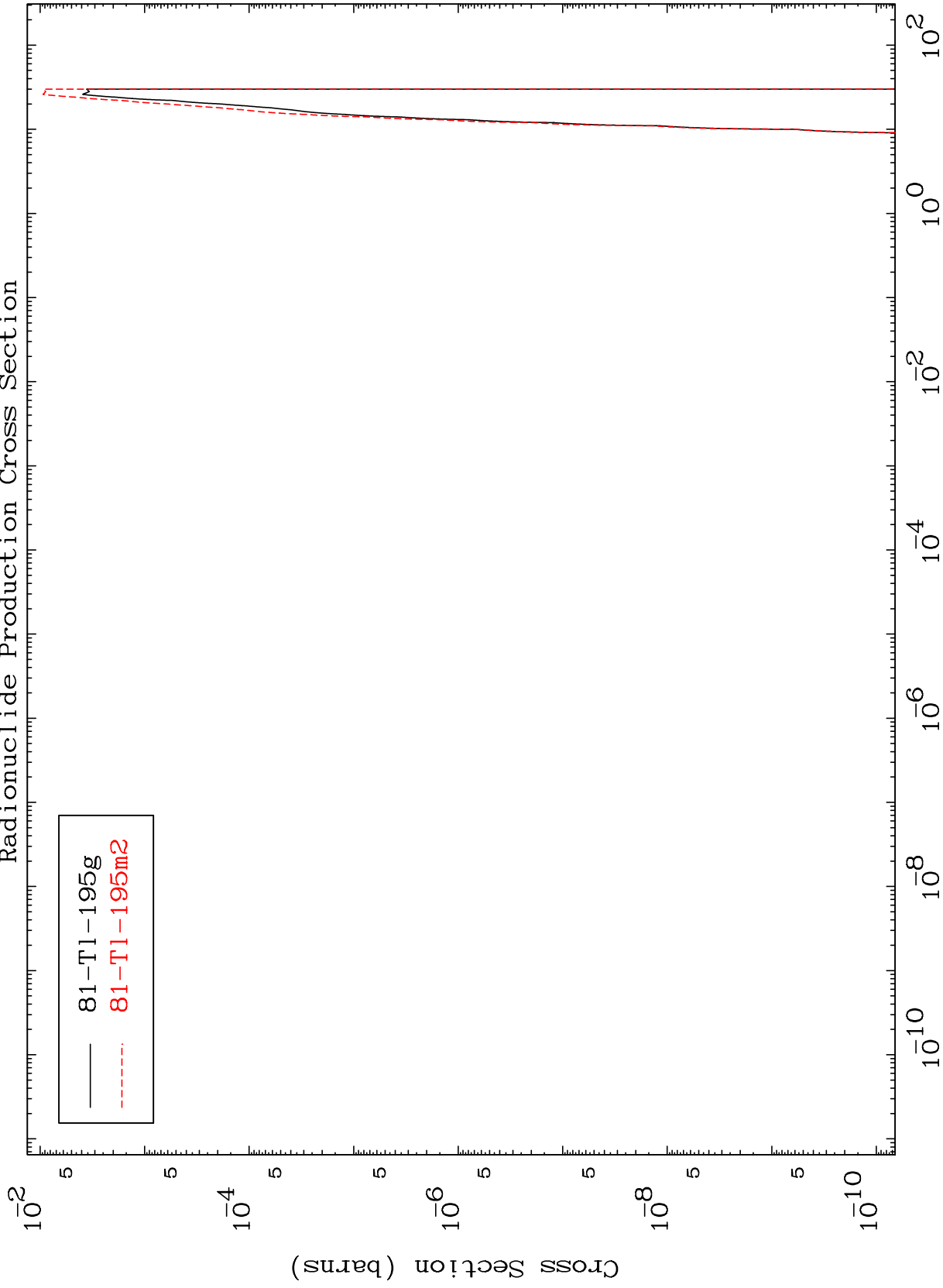


MAT 8211

(p,n')  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

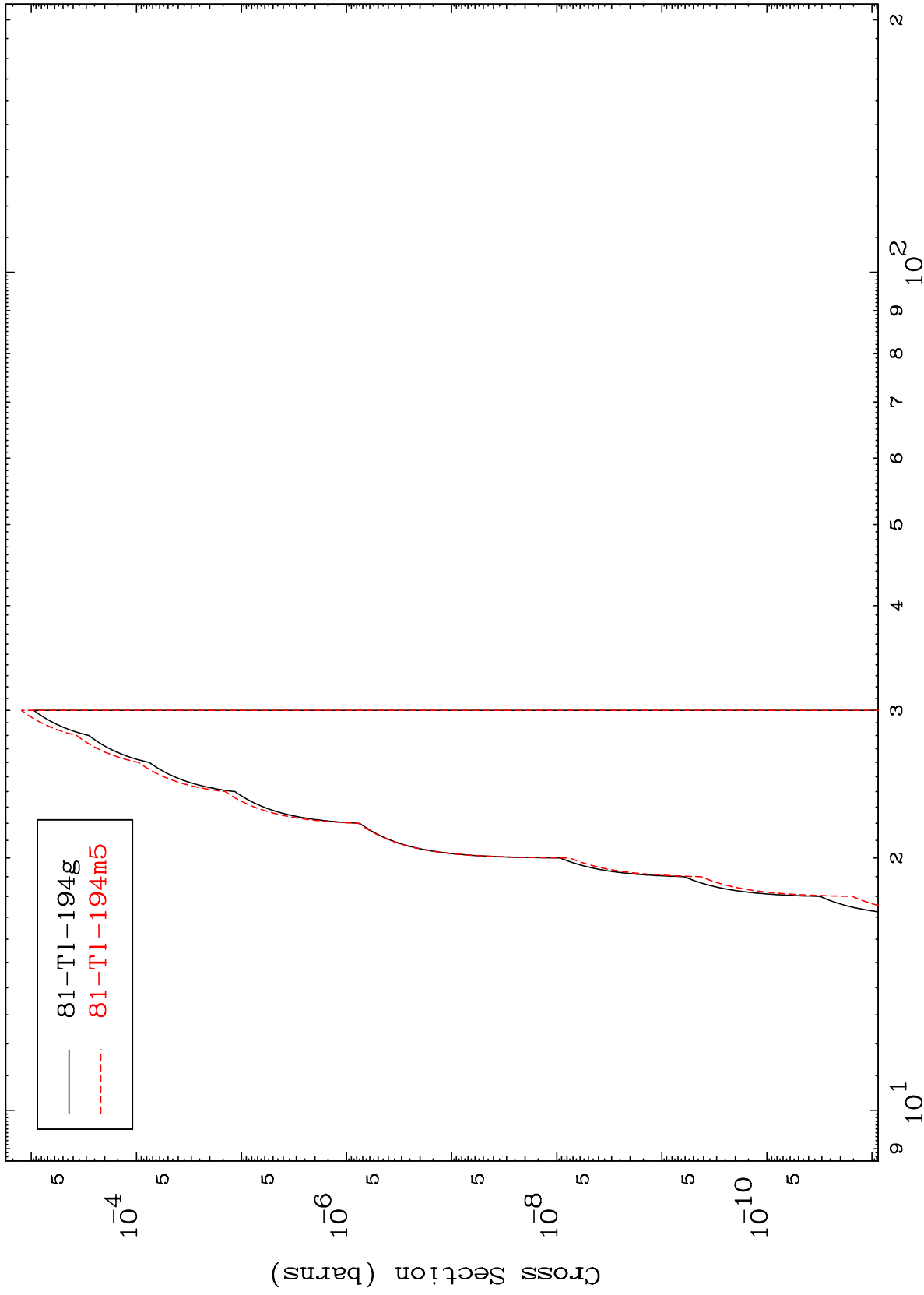
82-Pb-199

MAT 8211

(p,2n)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



17

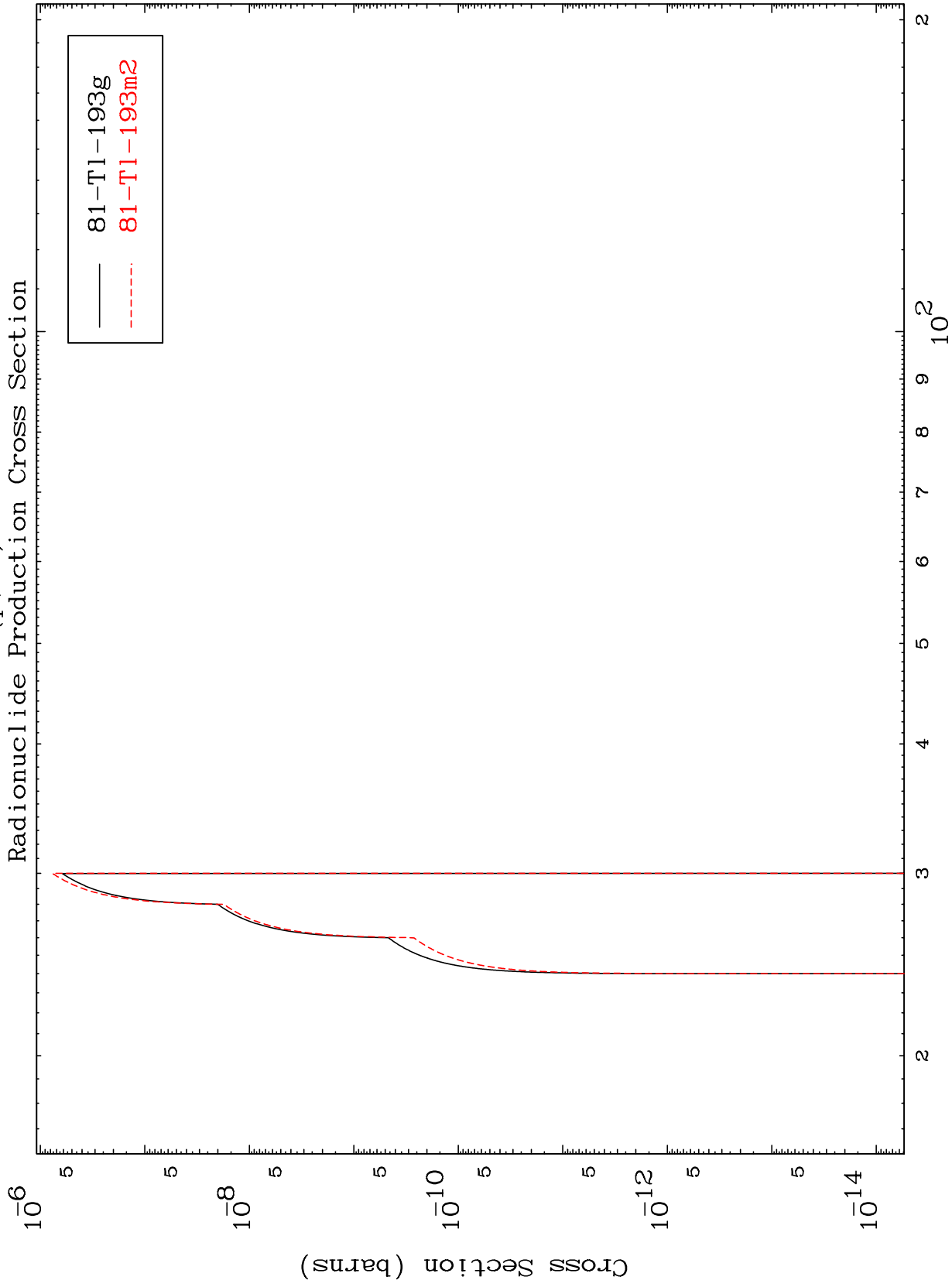
Incident Energy (MeV)

82-Pb-199

MAT 8211

(p,3n)  $\alpha$

82-Pb-199



18

Incident Energy (MeV)

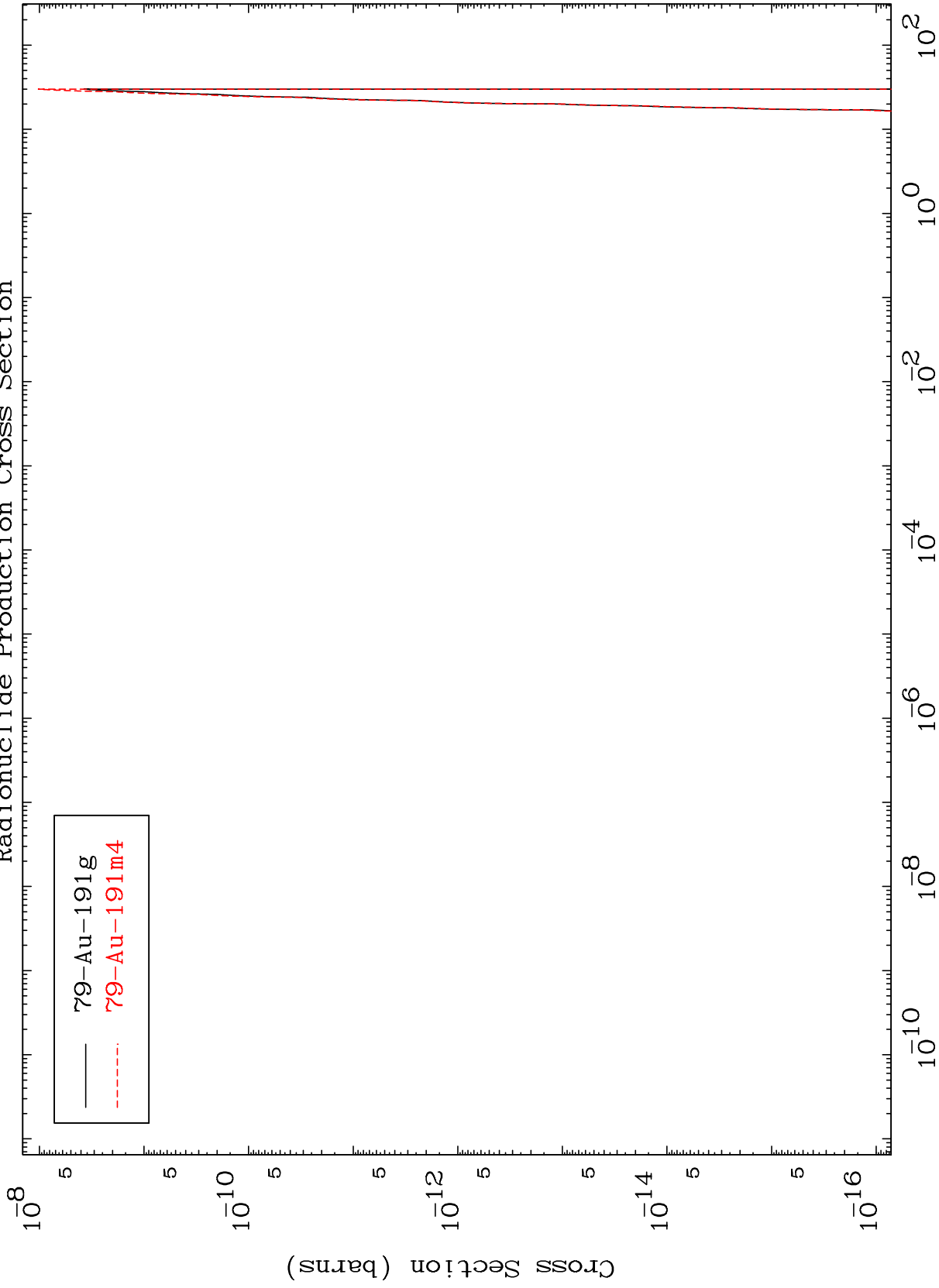
82-Pb-199

MAT 8211

(p,n') 2 $\alpha$

82-Pb-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

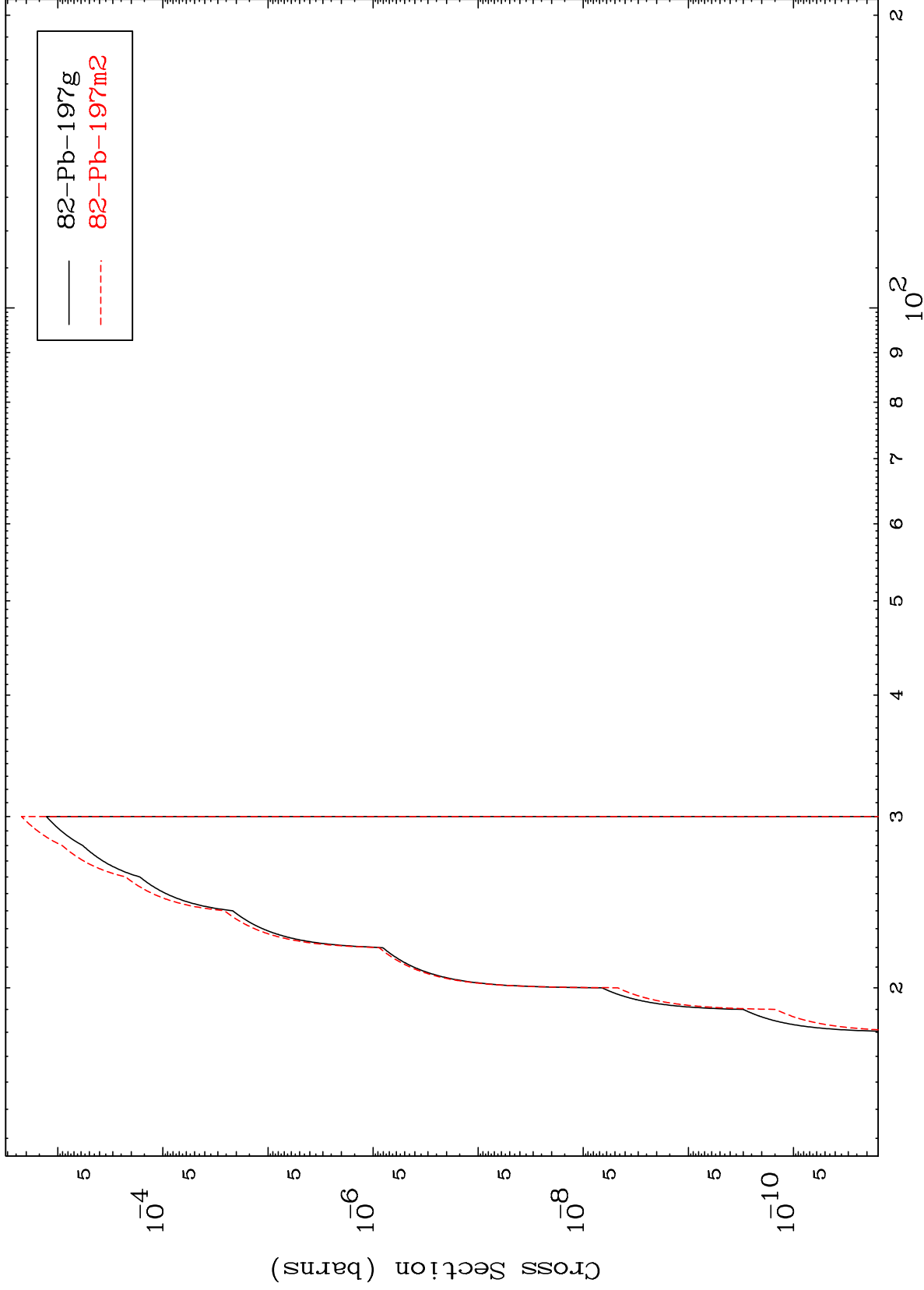
82-Pb-199

MAT 8211

(p,n') d

82-Pb-199

Radionuclide Production Cross Section

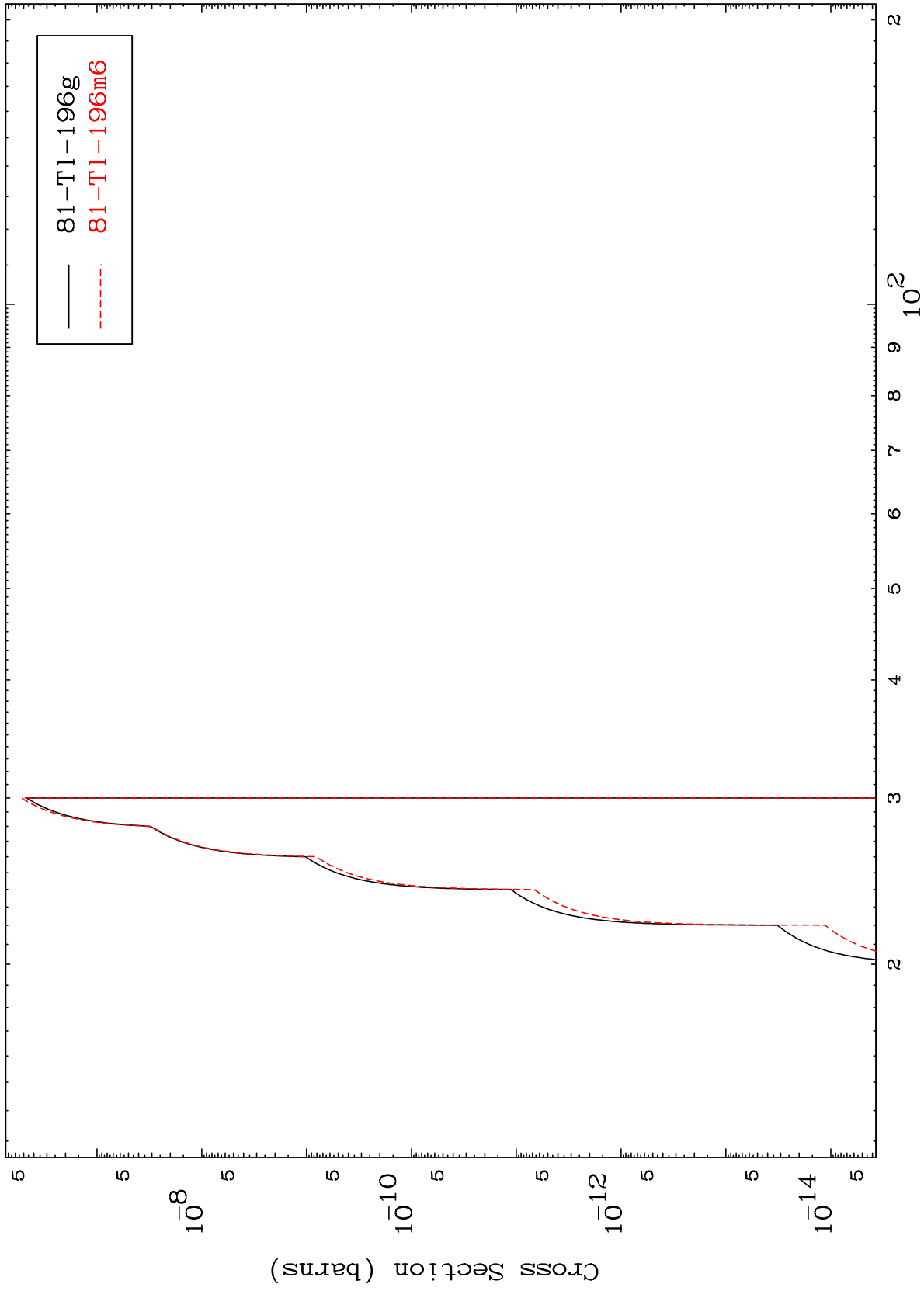


20

Incident Energy (MeV)

82-Pb-199

Radionuclide Production Cross Section

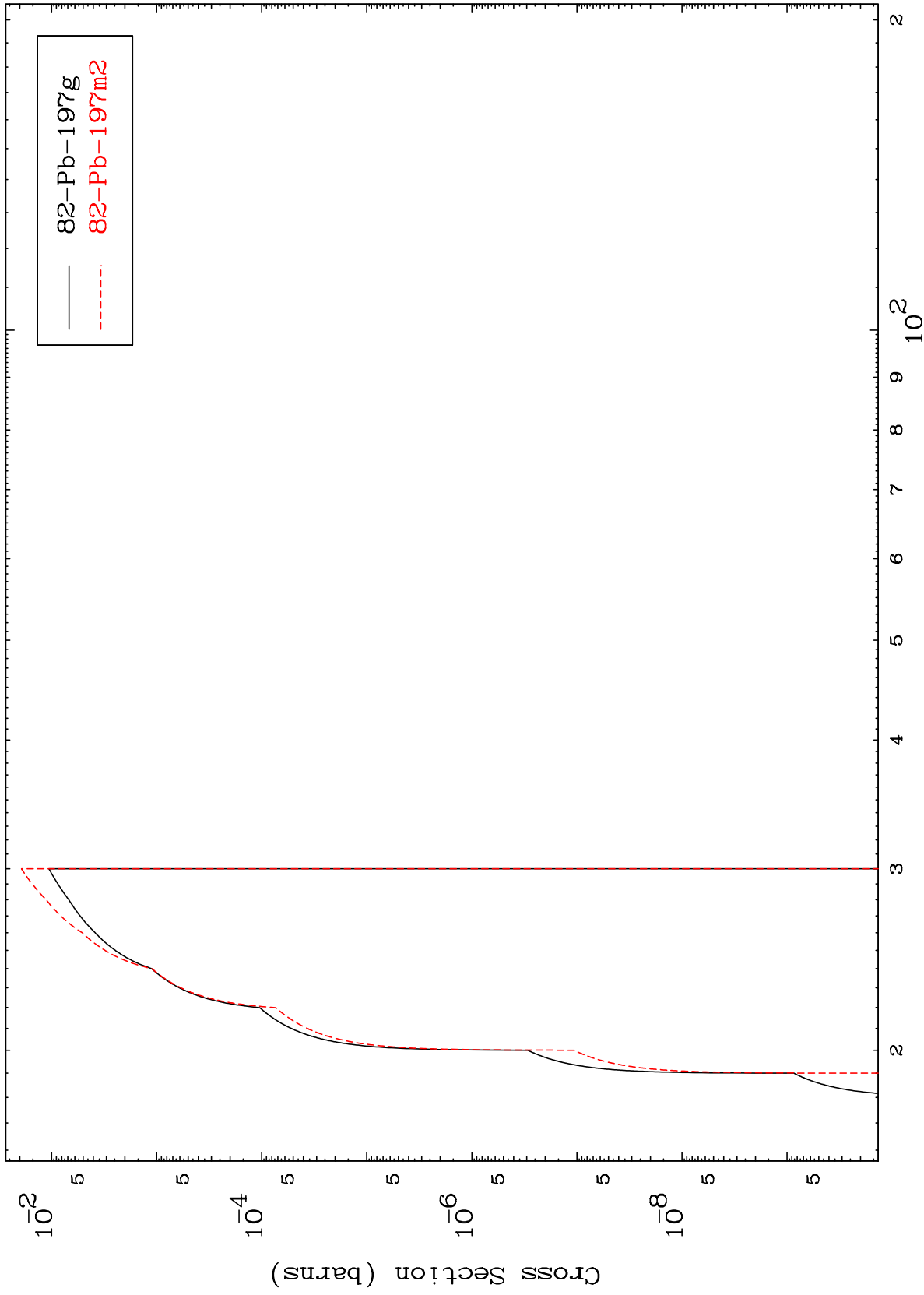


MAT 8211

(p,2n) p

82-Pb-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

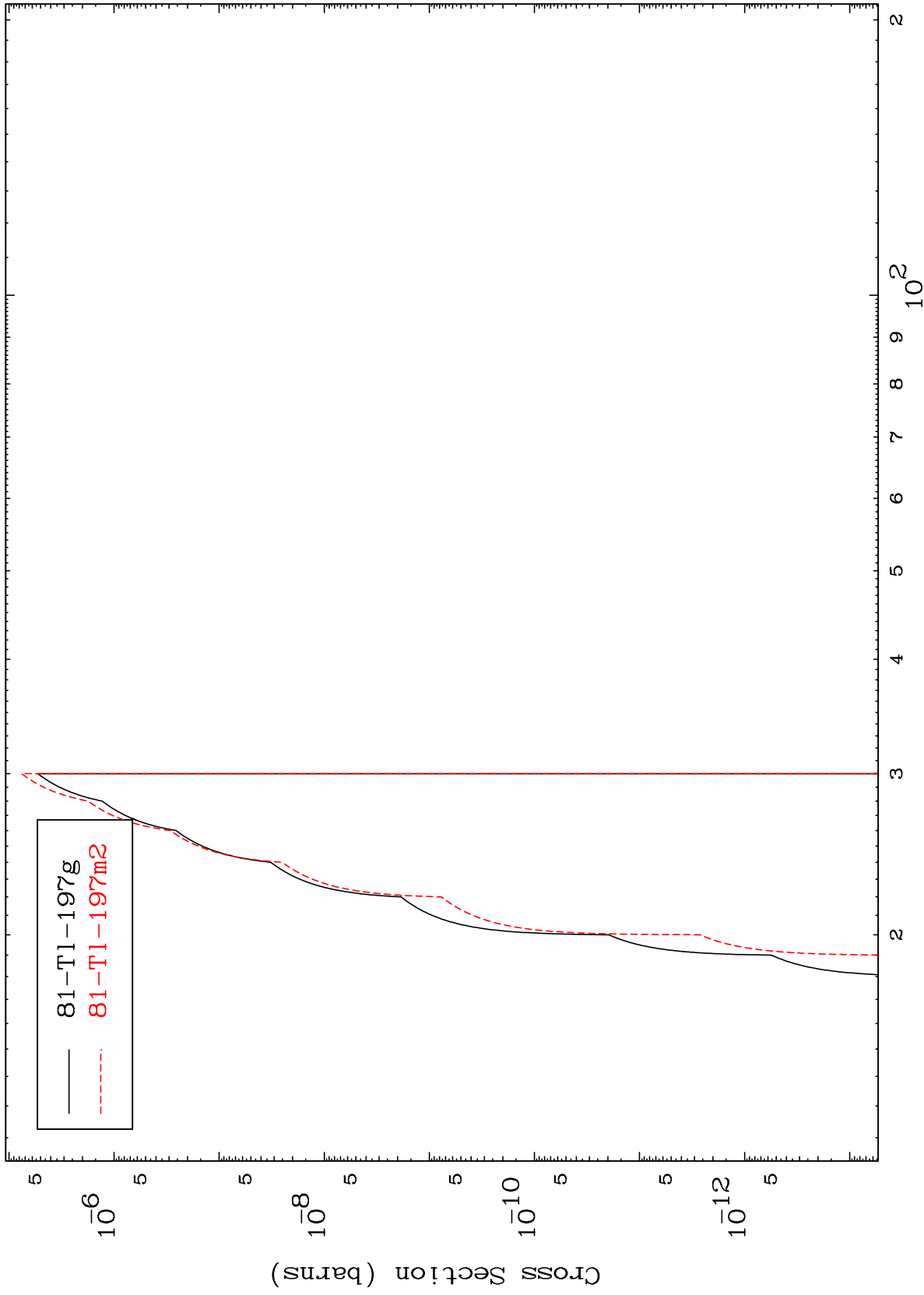
82-Pb-199

MAT 8211

(p,2n) p

82-Pb-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

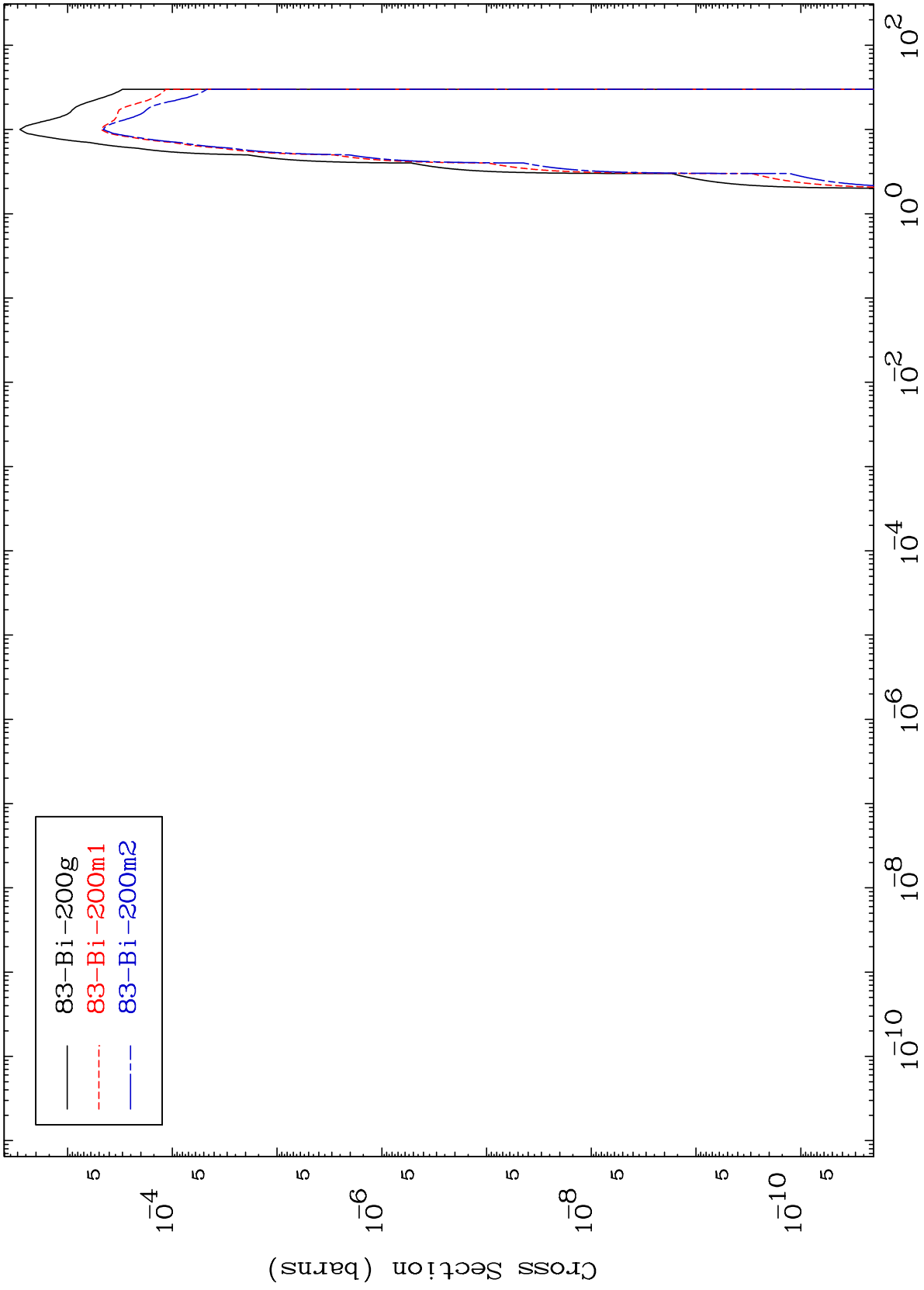
82-Pb-199



MAT 8211

Radionuclide Production Cross Section  
(p,γ)

82-Pb-199



24

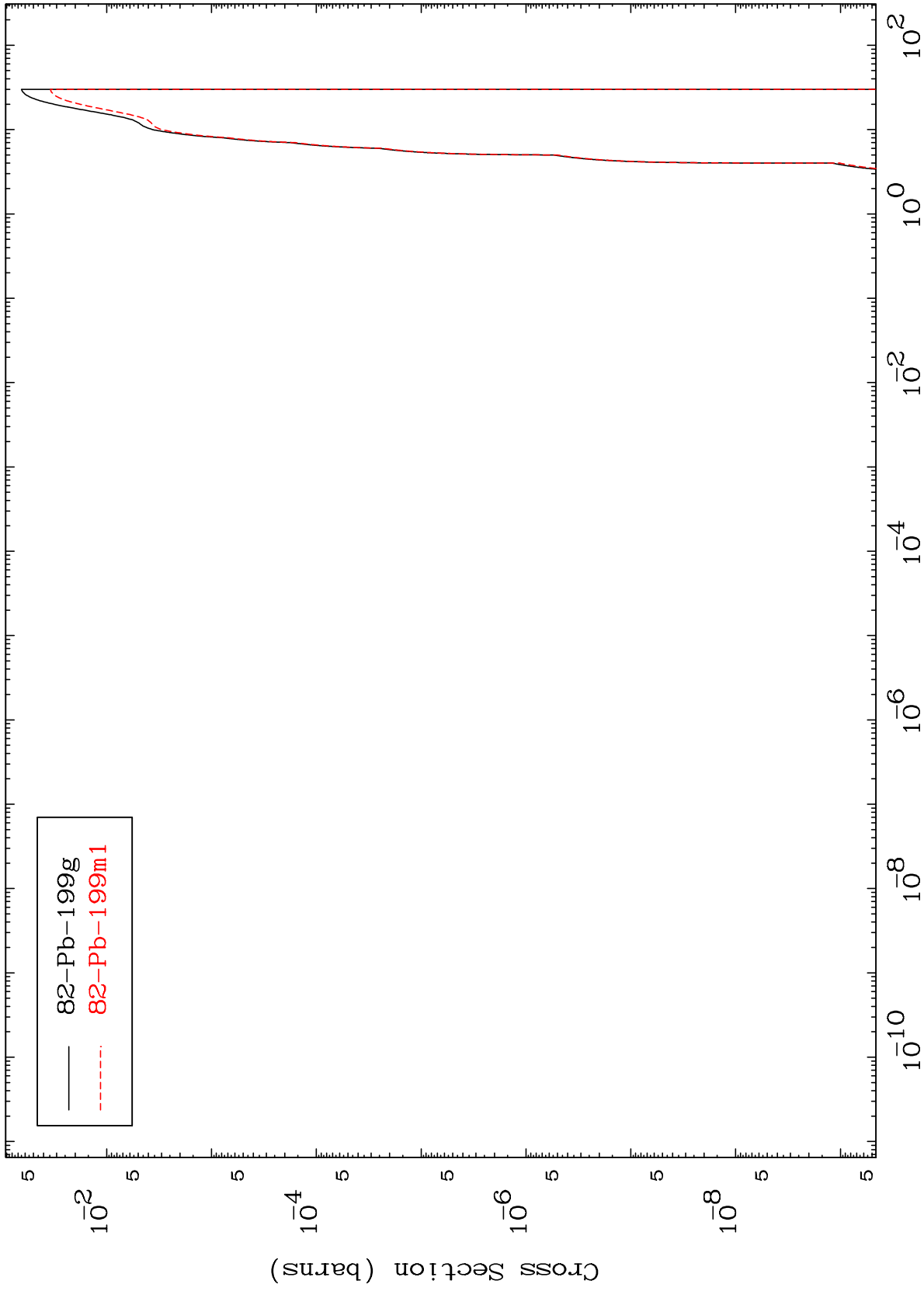
82-Pb-199

MAT 8211

(p,p)

82-Pb-199

Radionuclide Production Cross Section



25

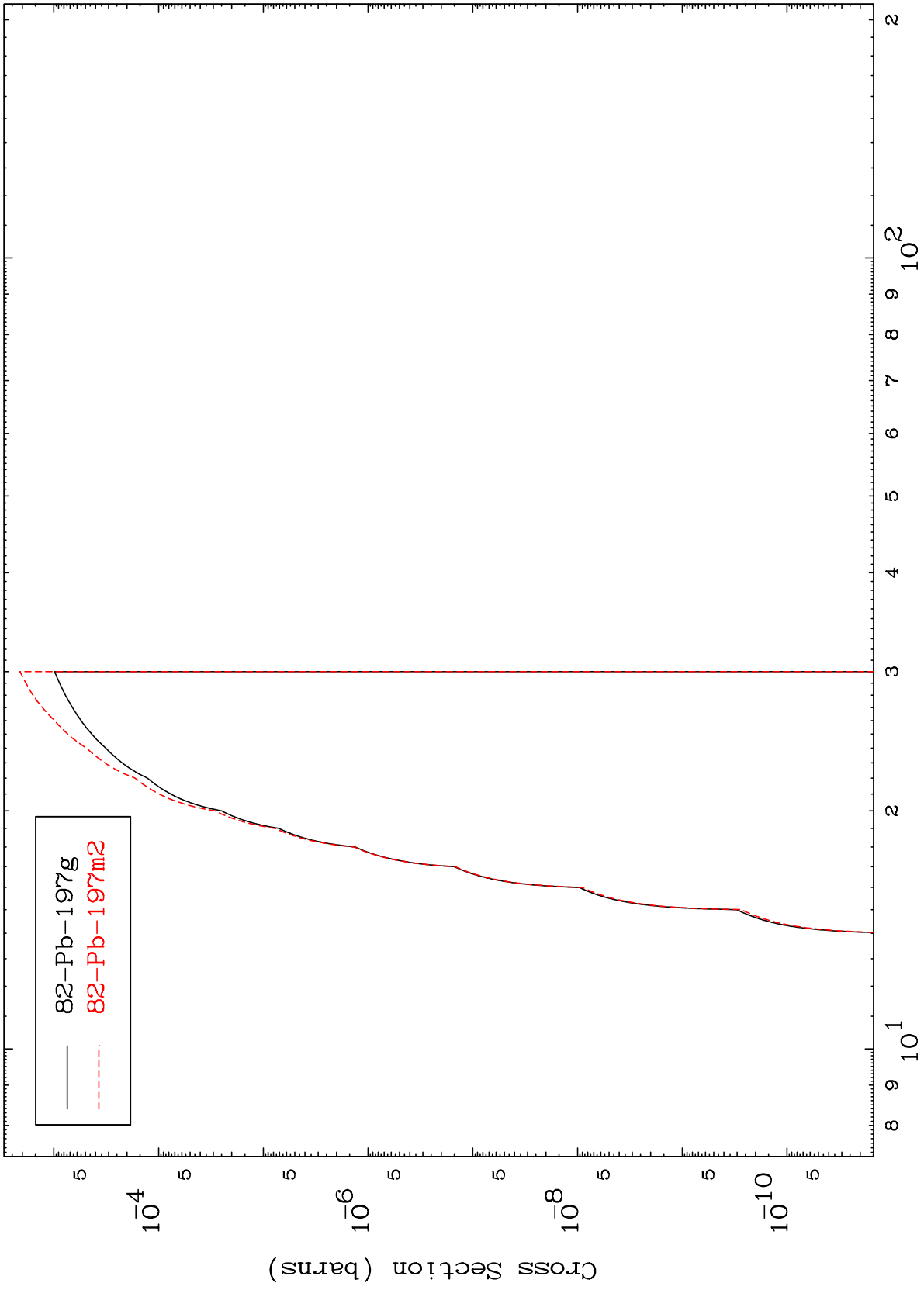
Incident Energy (MeV)

82-Pb-199

MAT 8211

82-Pb-199

(p, t)  
Radionuclide Production Cross Section



26

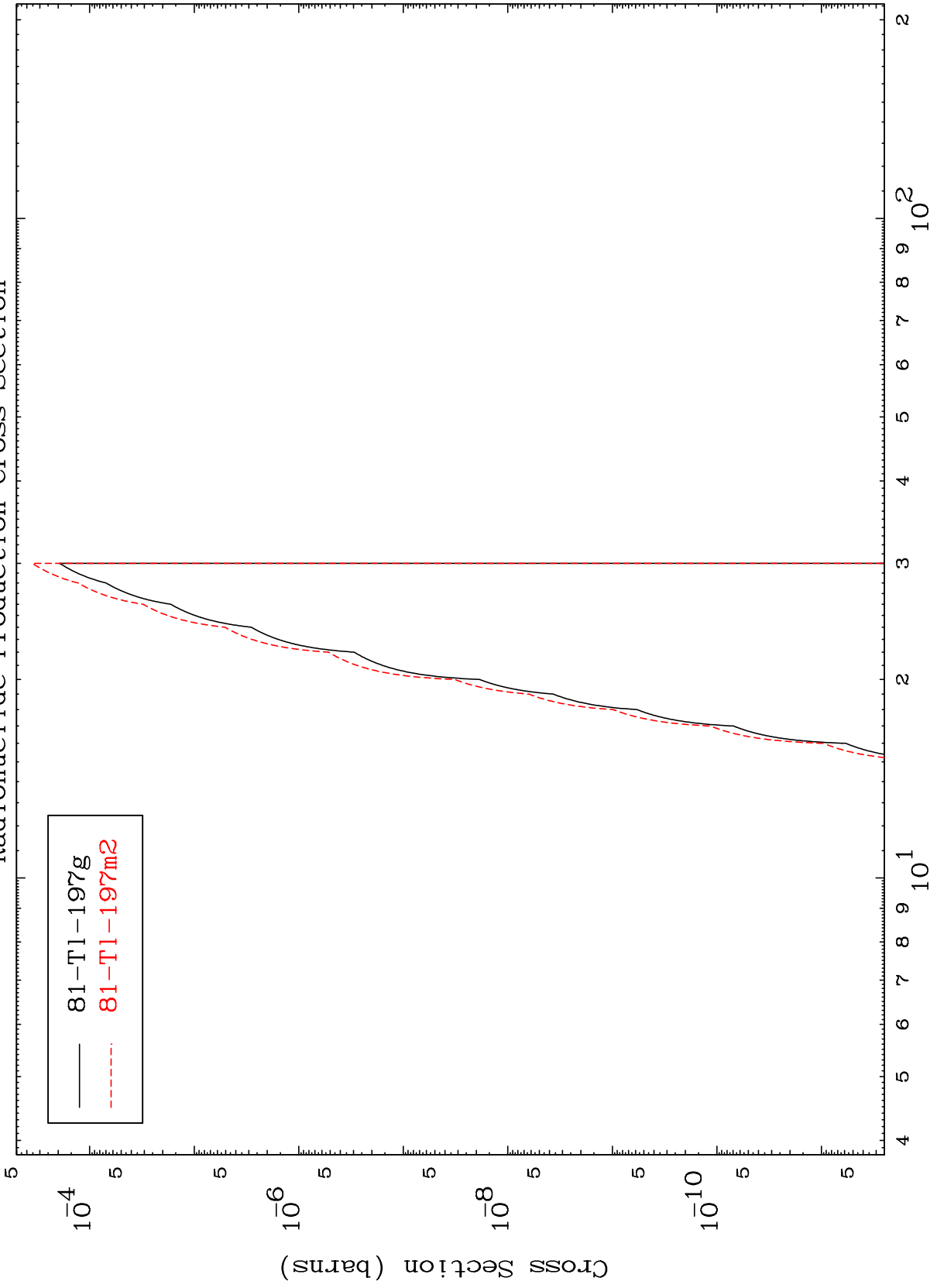
82-Pb-199

MAT 8211

(p,He-3)

82-Pb-199

Radionuclide Production Cross Section



27

Incident Energy (MeV)

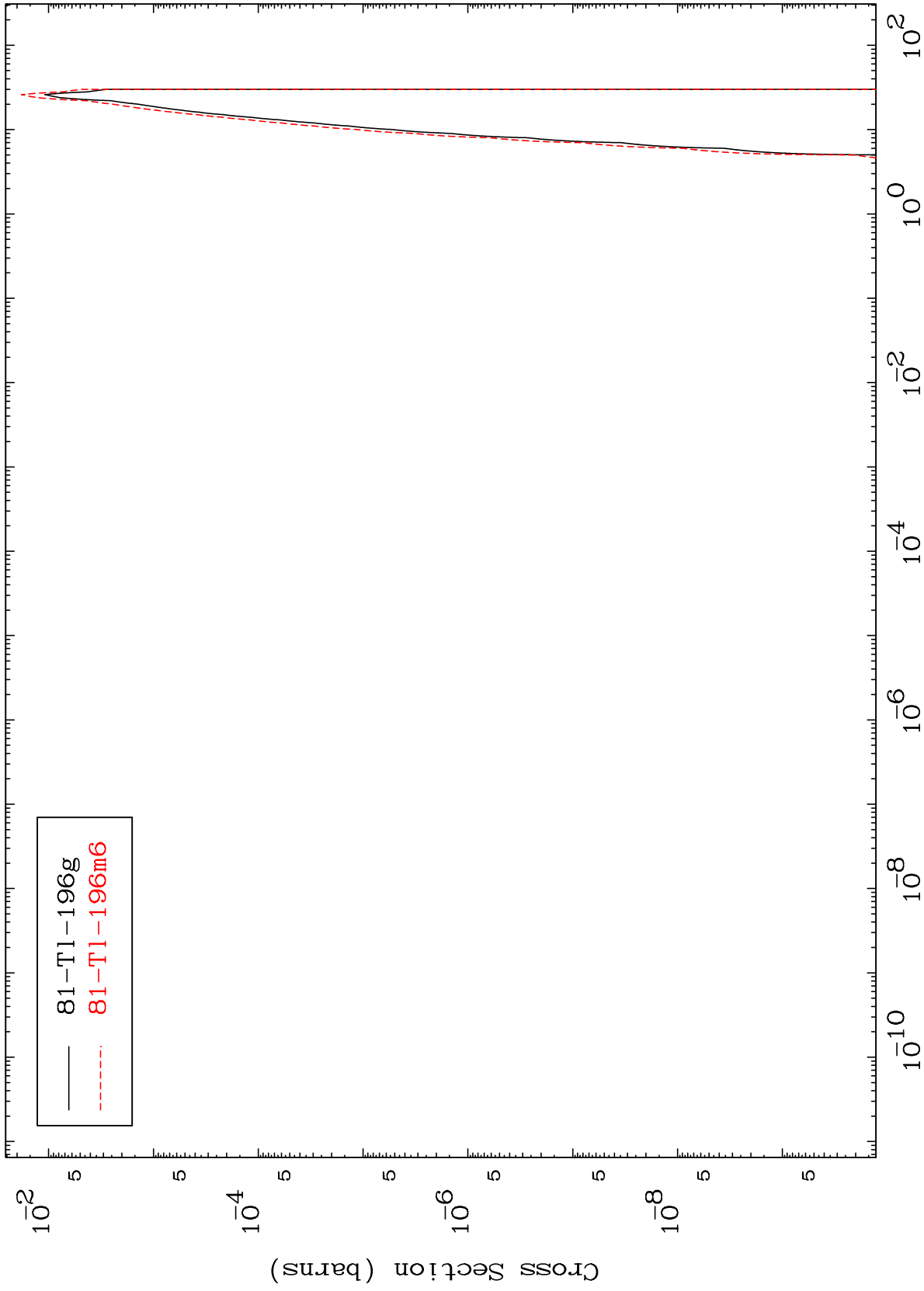
82-Pb-199

MAT 8211

(p,  $\alpha$ )

82-Pb-199

Radionuclide Production Cross Section

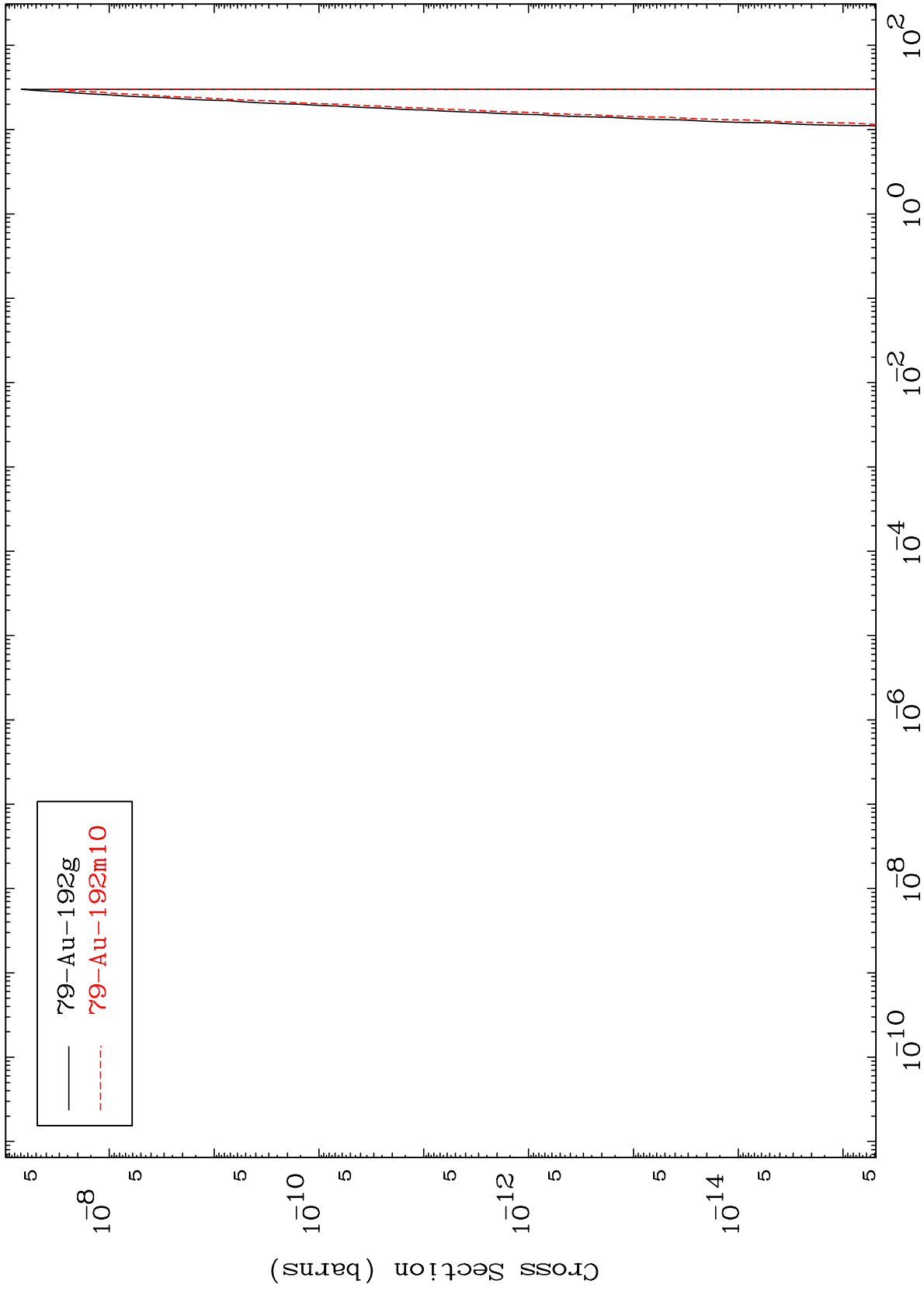


MAT 8211

(p,2α)

82-Pb-199

Radionuclide Production Cross Section



29

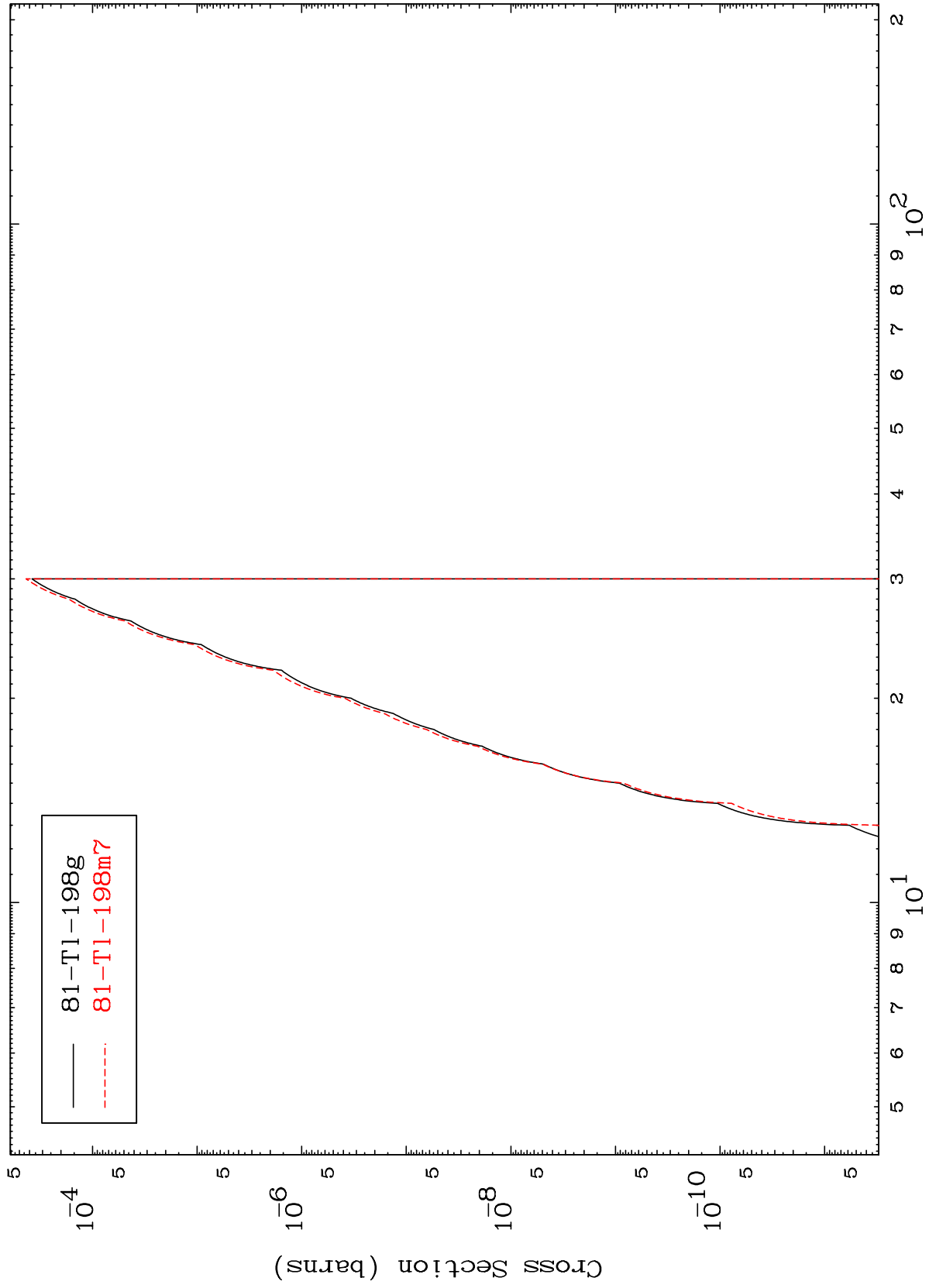
Incident Energy (MeV)

82-Pb-199

MAT 8211

82-Pb-199

(p,2p)  
Radionuclide Production Cross Section



30

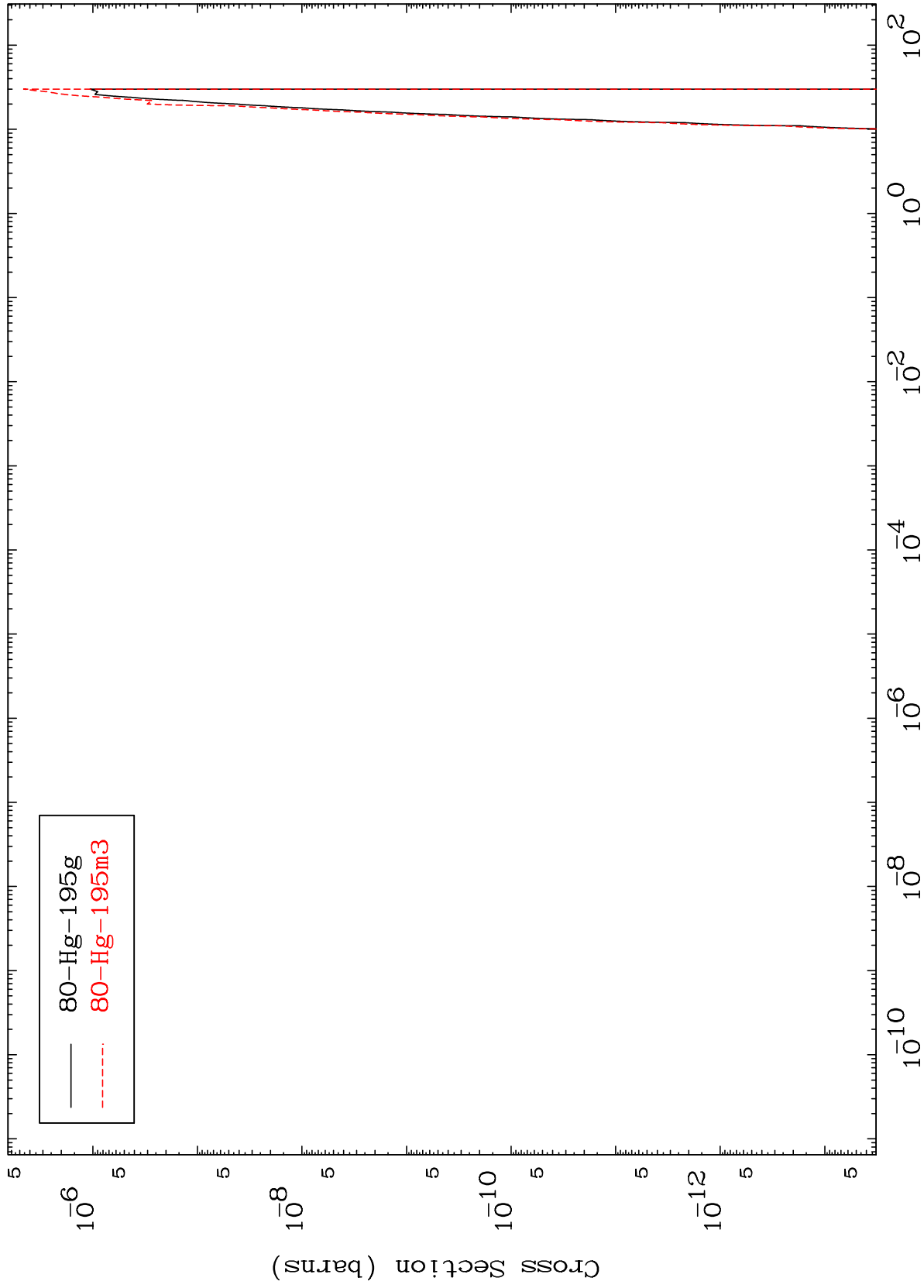
82-Pb-199

MAT 8211

(p,p)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



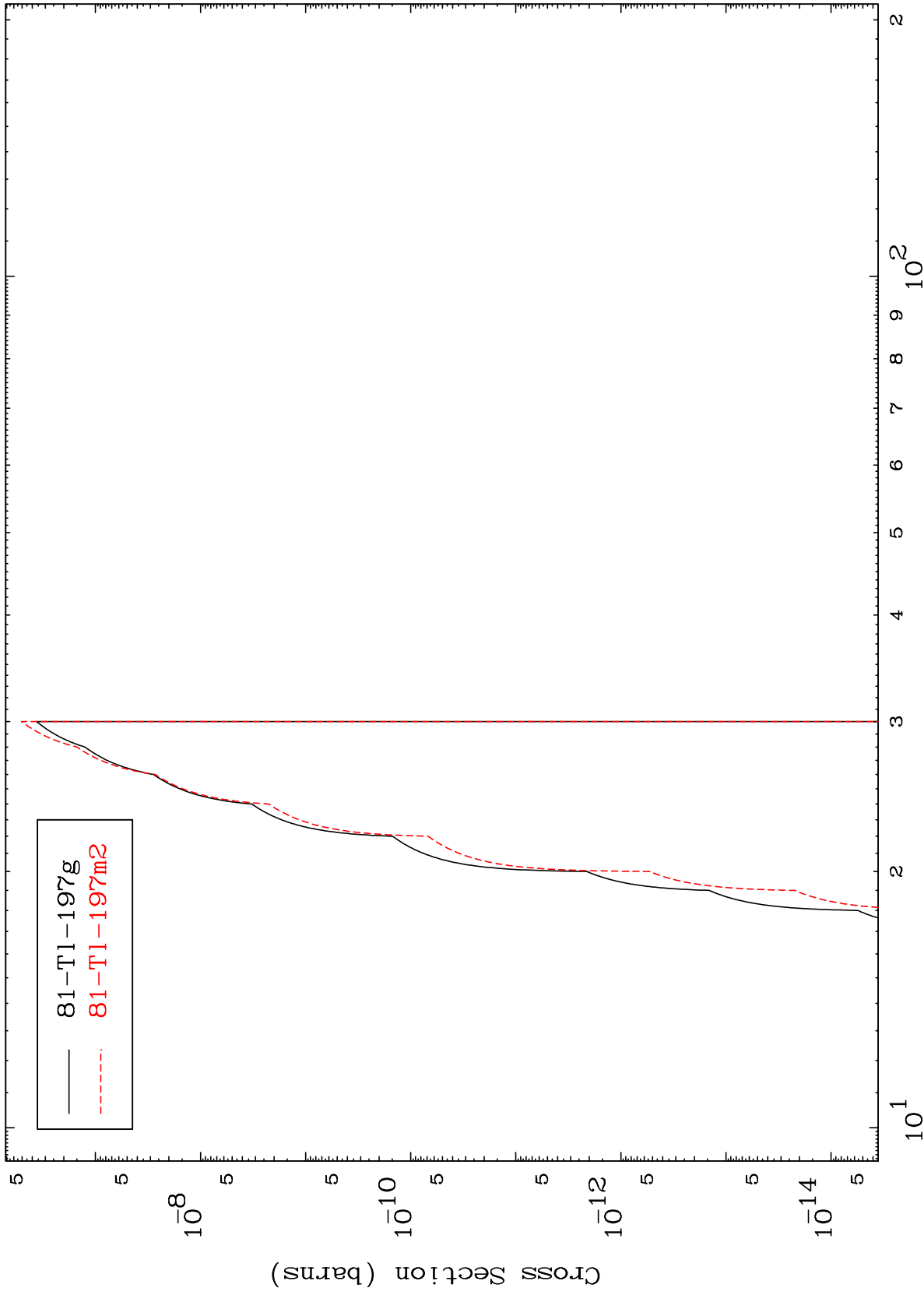


MAT 8211

(p,p) d

82-Pb-199

Radionuclide Production Cross Section



32

Incident Energy (MeV)

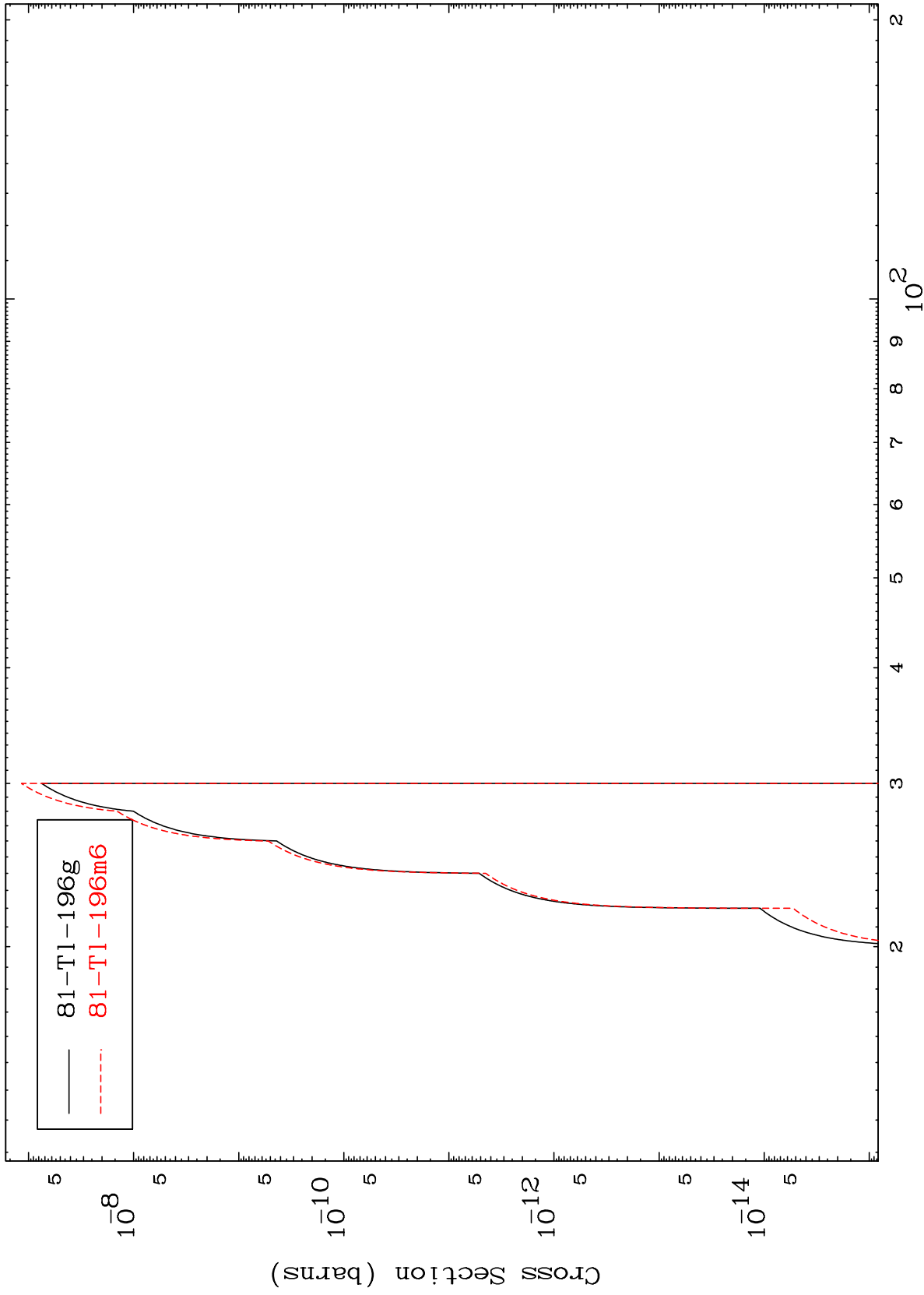
82-Pb-199

MAT 8211

(p,p) t

82-Pb-199

Radionuclide Production Cross Section



33

Incident Energy (MeV)

82-Pb-199