

Program EVALPLOT  
(Version 2018-1)

by

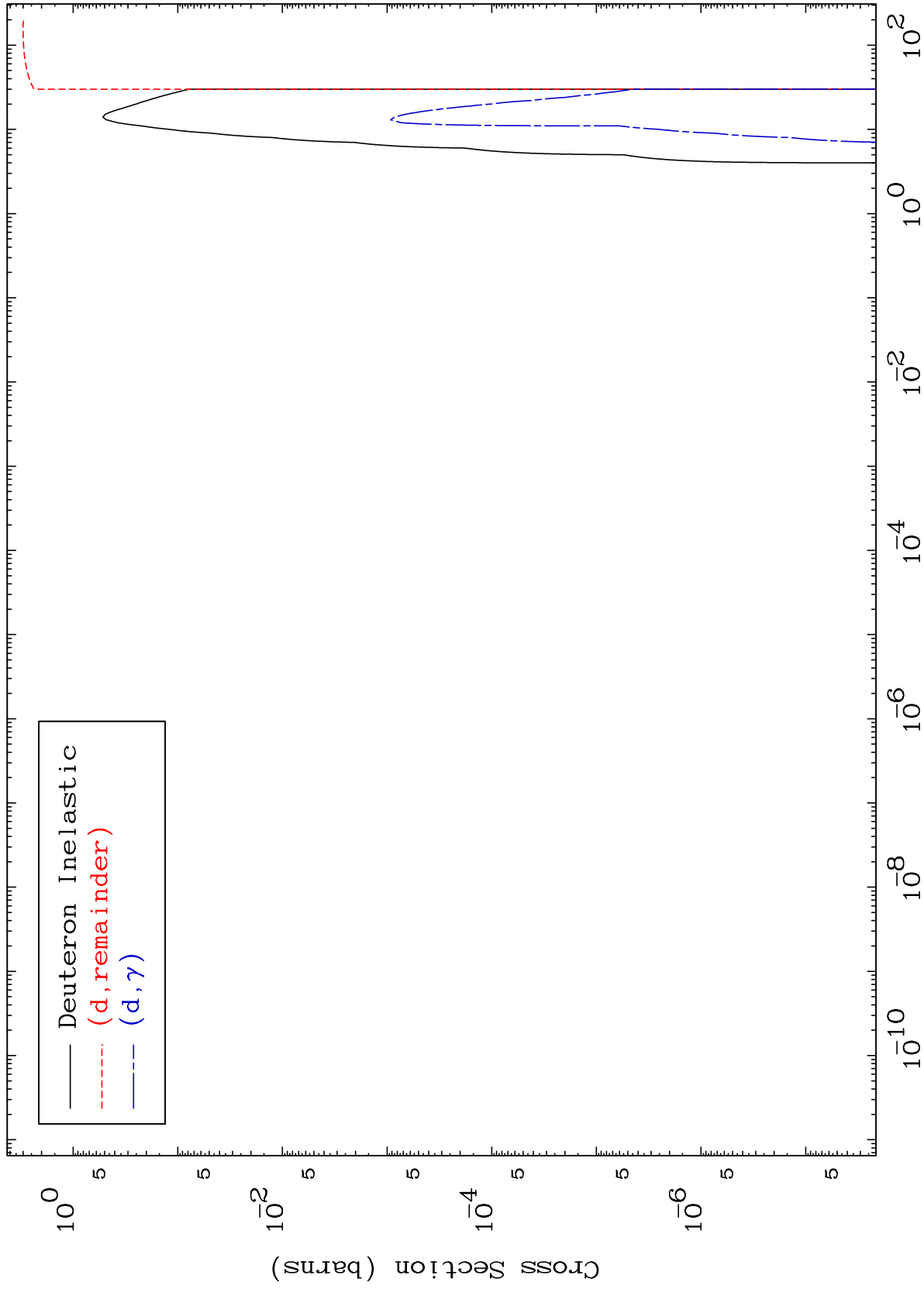
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(Present Contact Information)

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Livermore, CA 94550  
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Web:redcullen1.net/HOMEPAGE.NEW

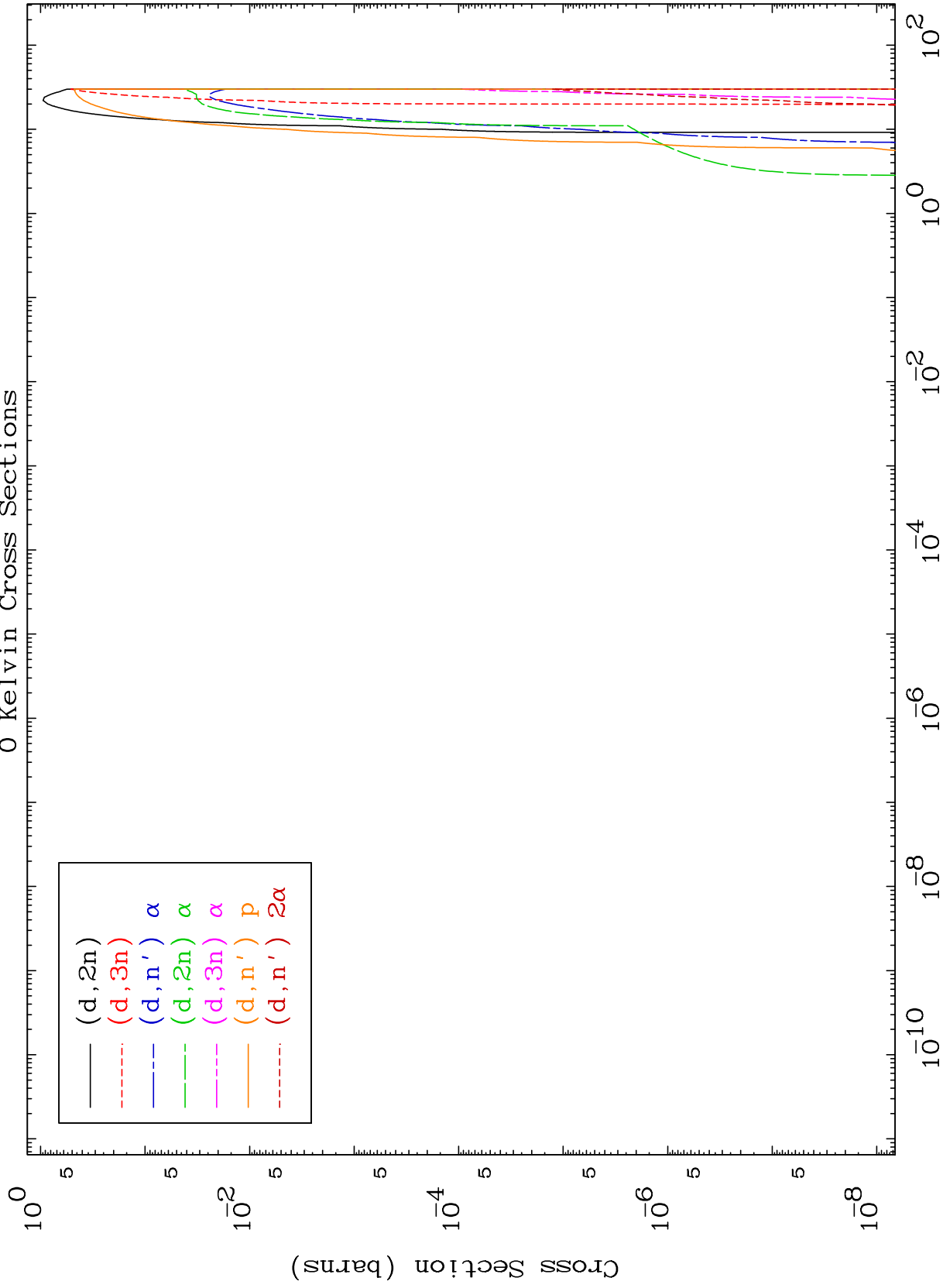
Press Mouse Button to Start



MAT 8193

Deuteron Neutron Production  
0 Kelvin Cross Sections

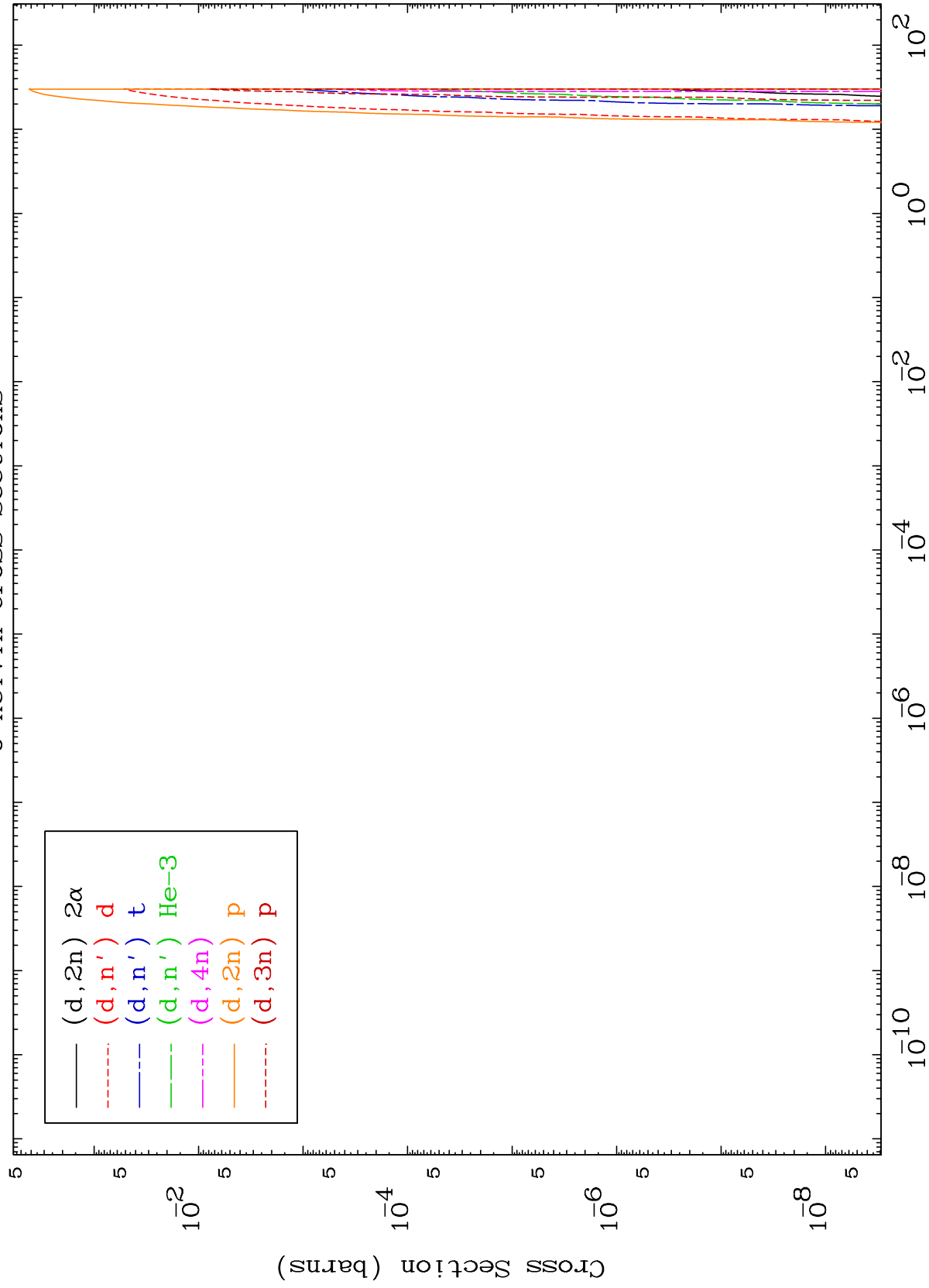
82-Pb-193

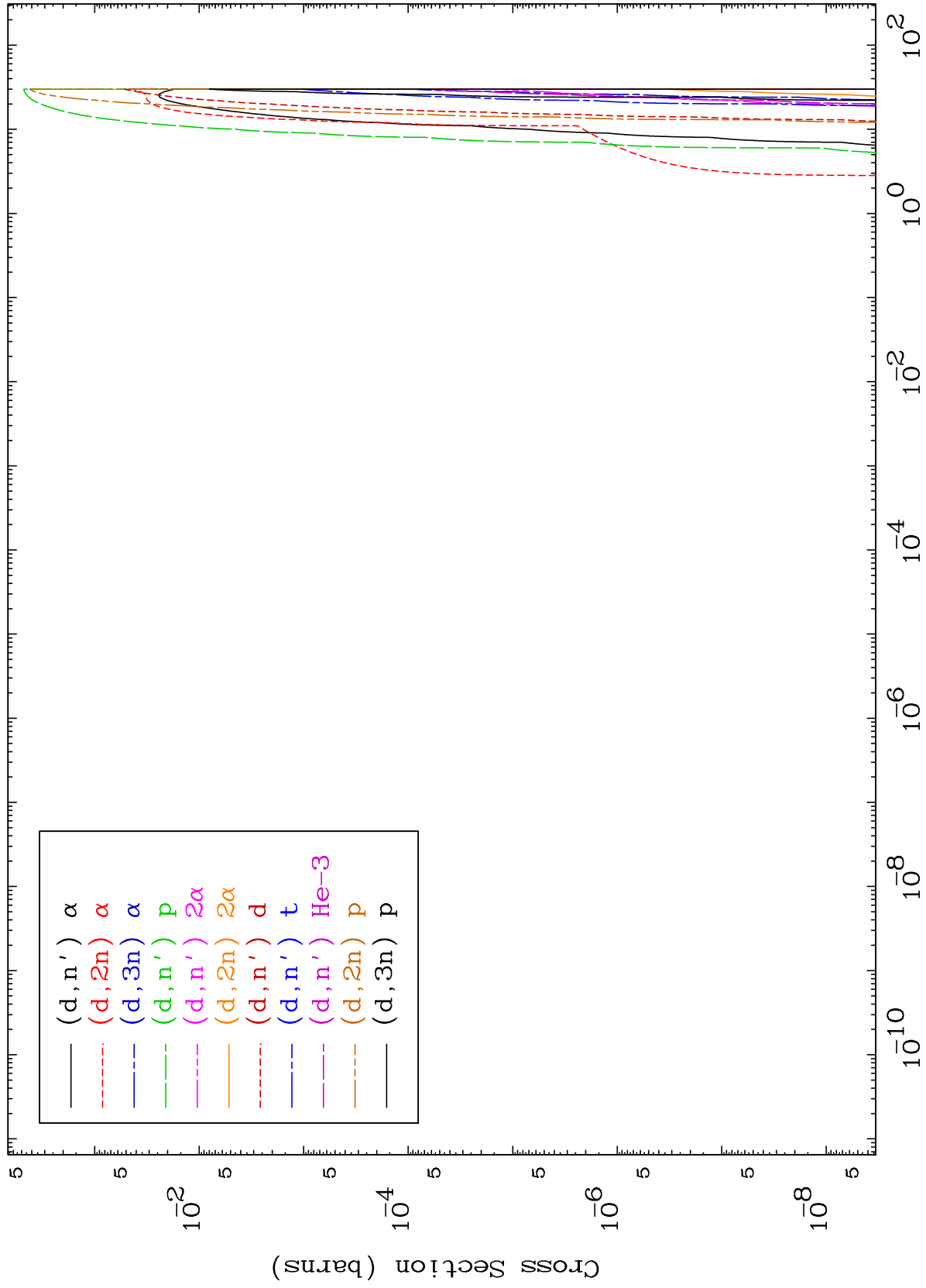


2

Incident Energy (MeV)

82-Pb-193

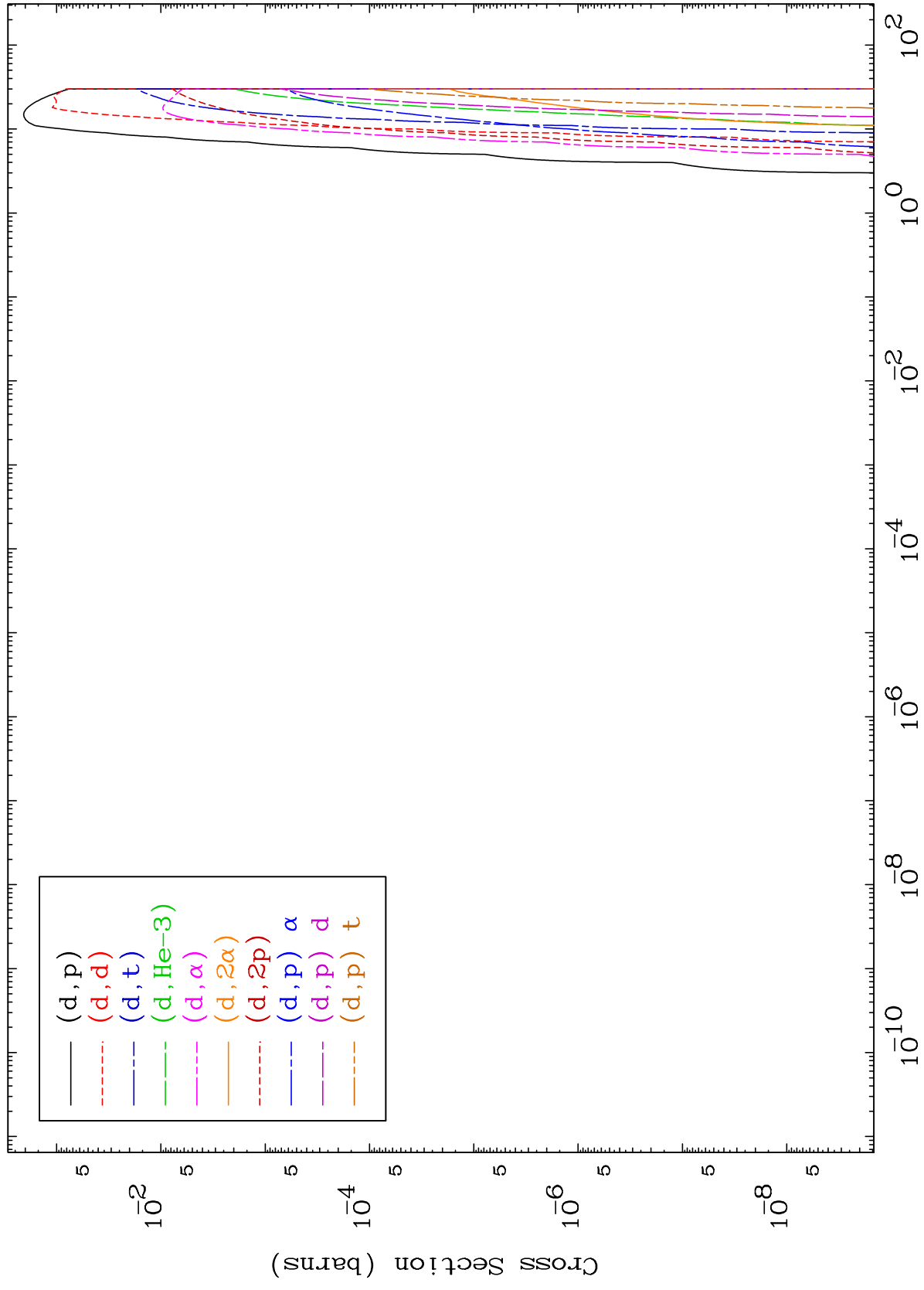




MAT 8193

Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-193



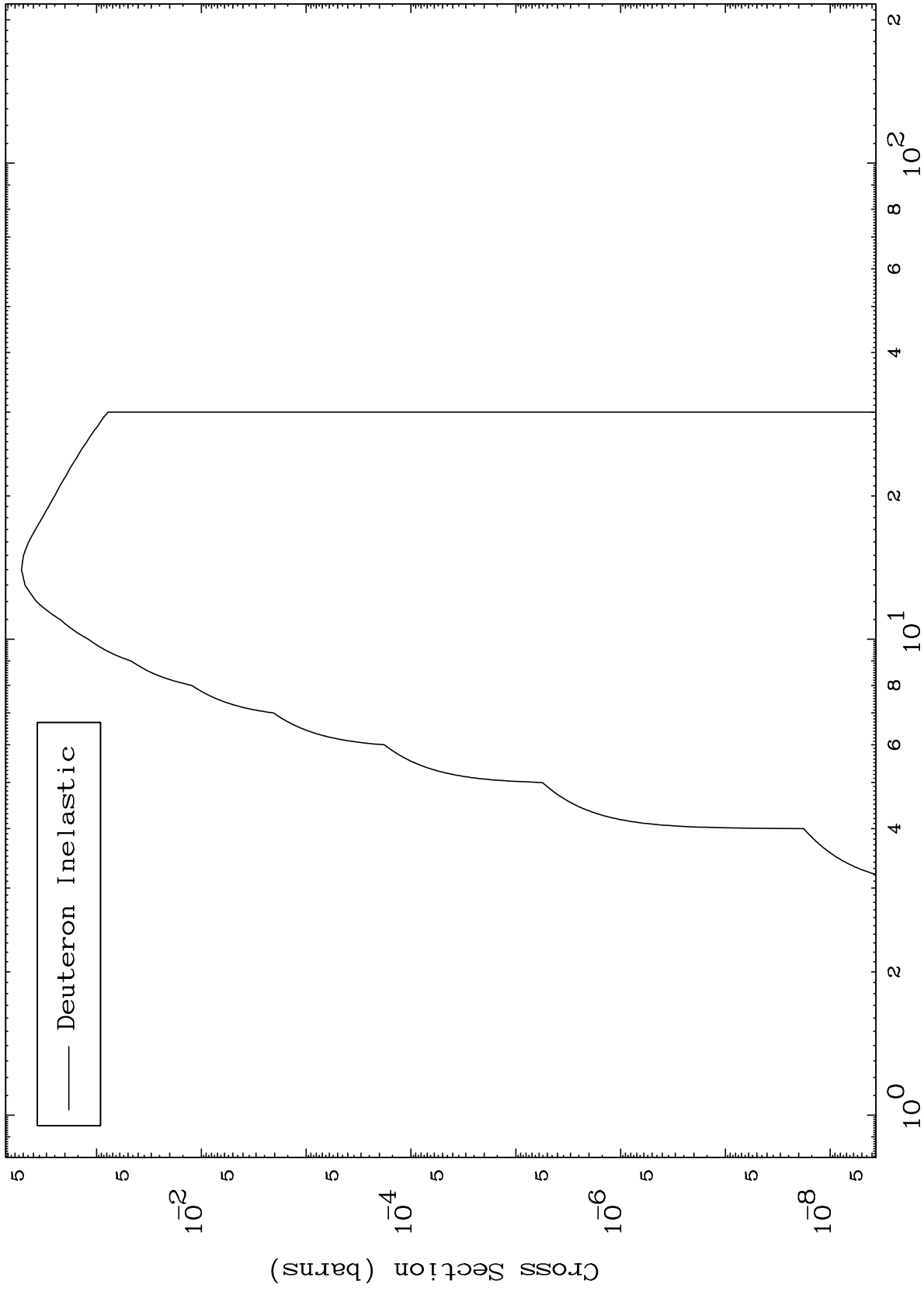
5

82-Pb-193

MAT 8193

(d,n') Level  
0 Kelvin Cross Sections

82-Pb-193



6

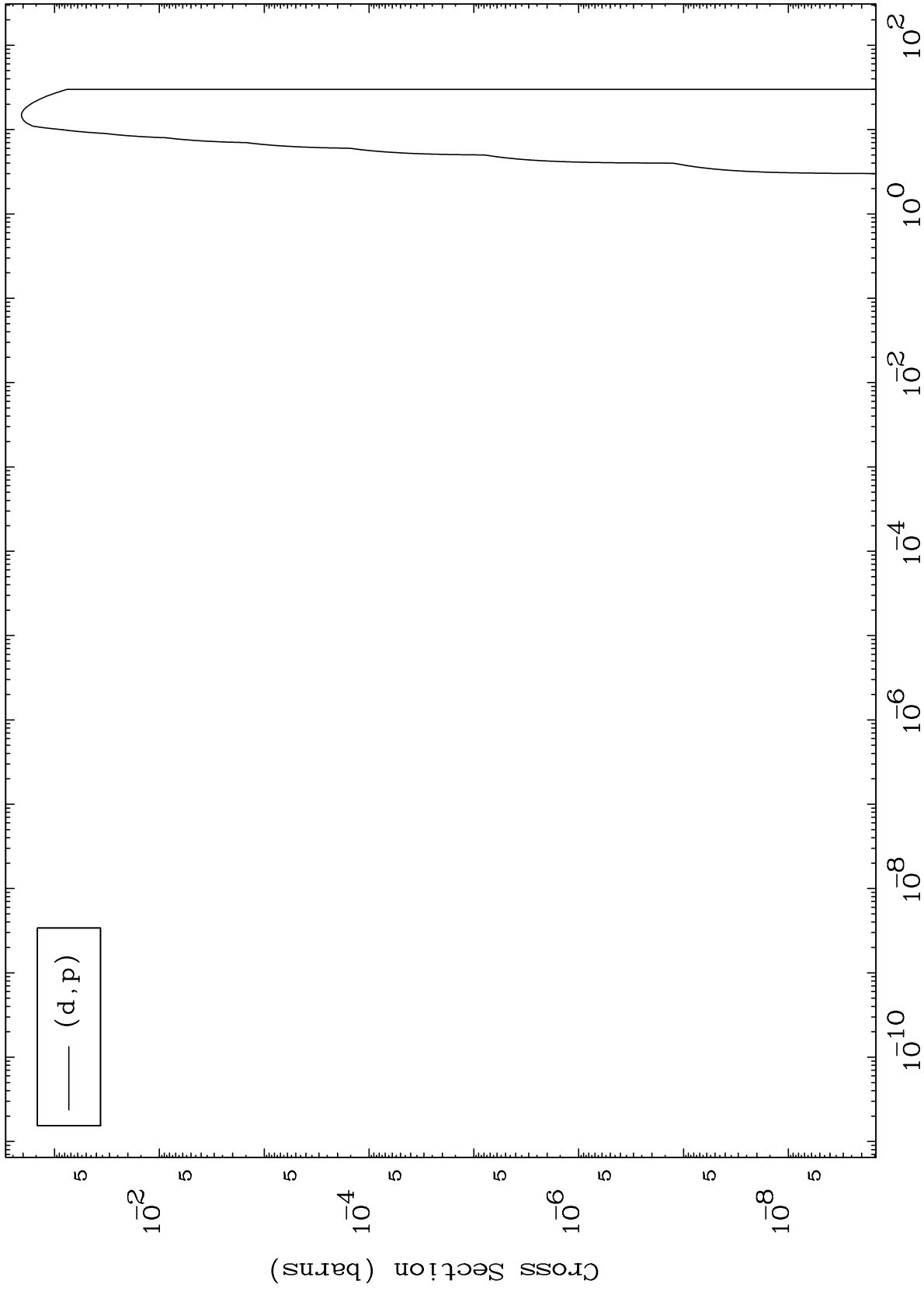
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,p) Levels  
0 Kelvin Cross Sections

82-Pb-193



7

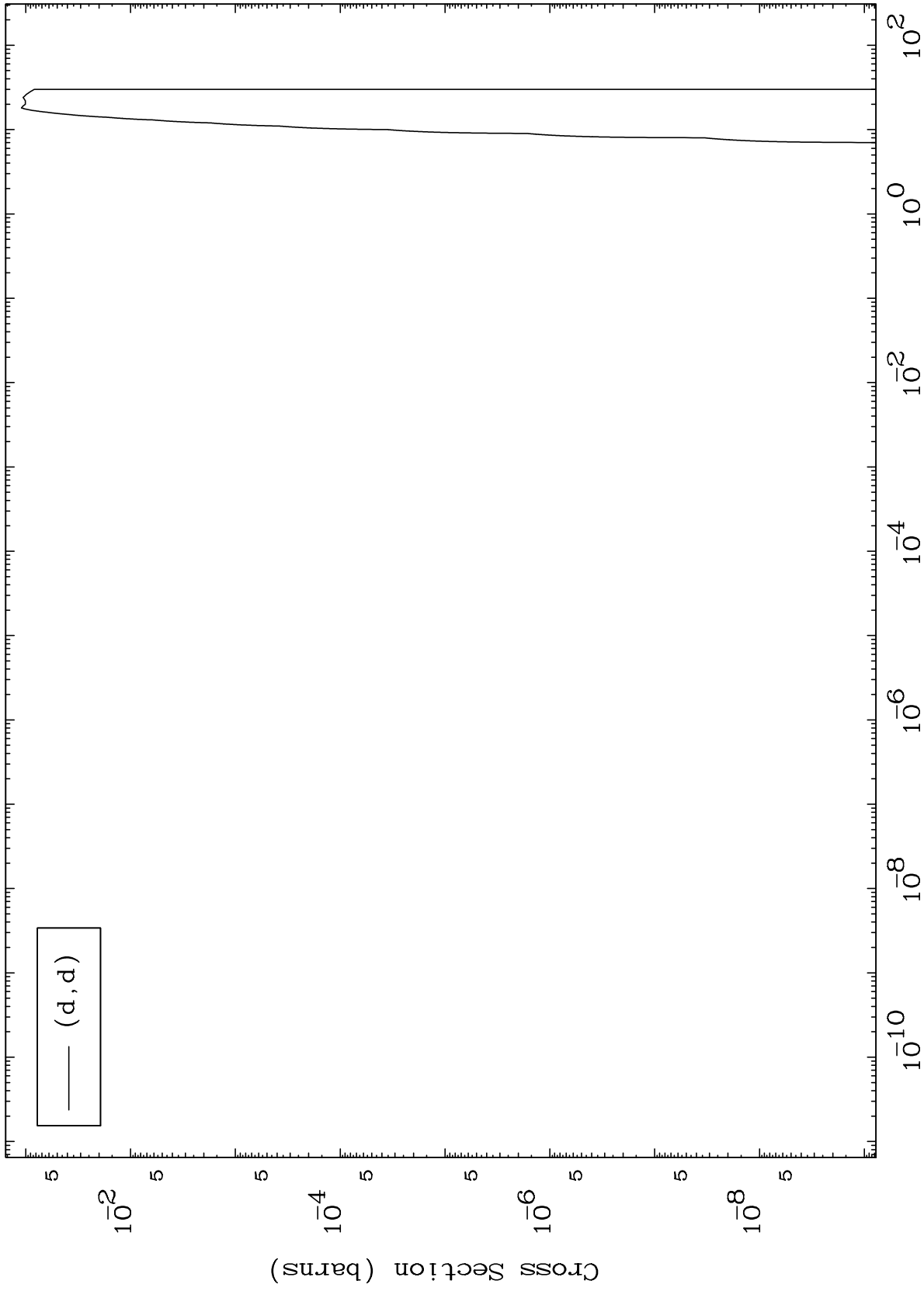
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,d) Levels  
0 Kelvin Cross Sections

82-Pb-193



8

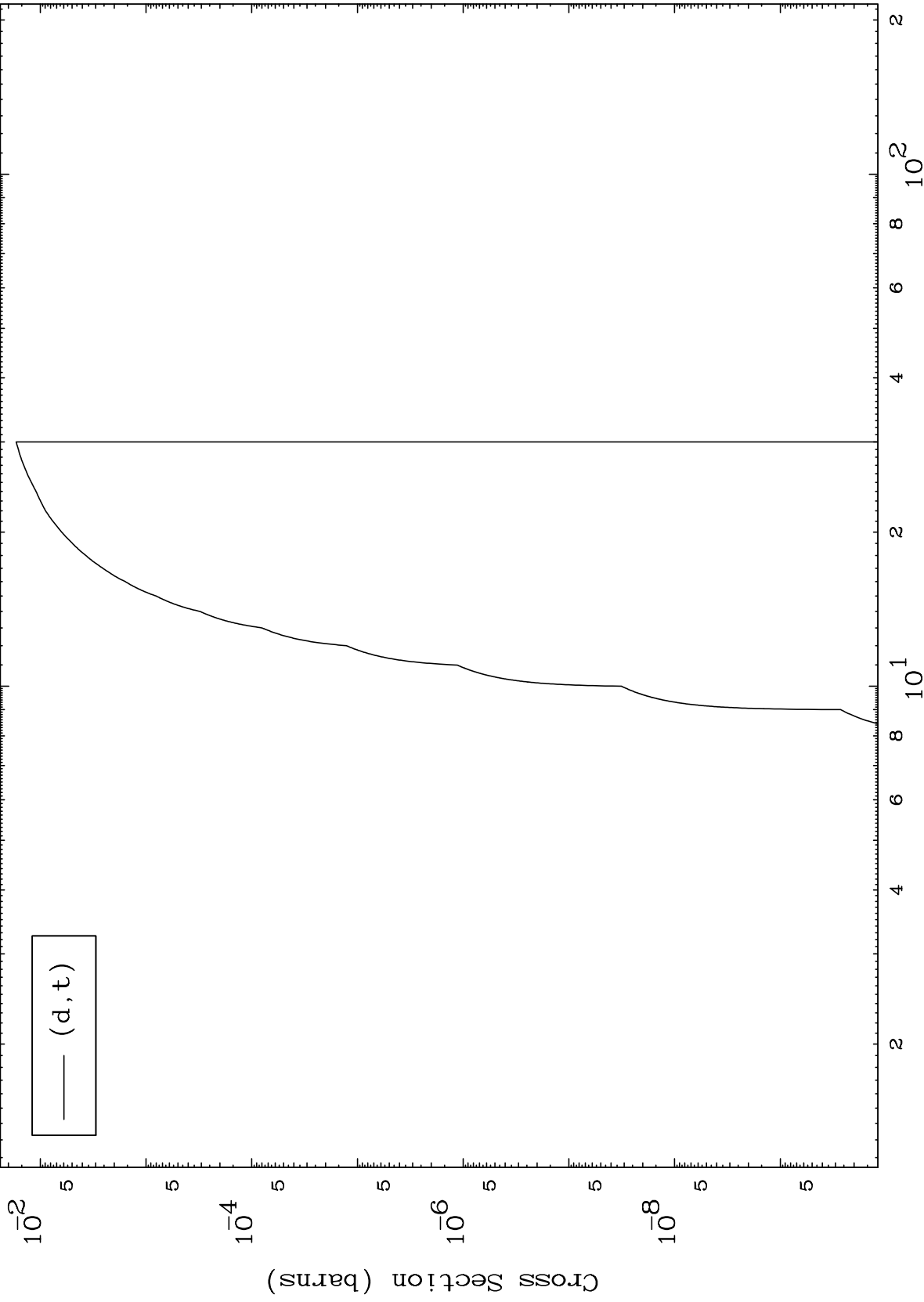
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,t) Levels  
0 Kelvin Cross Sections

82-Pb-193



9

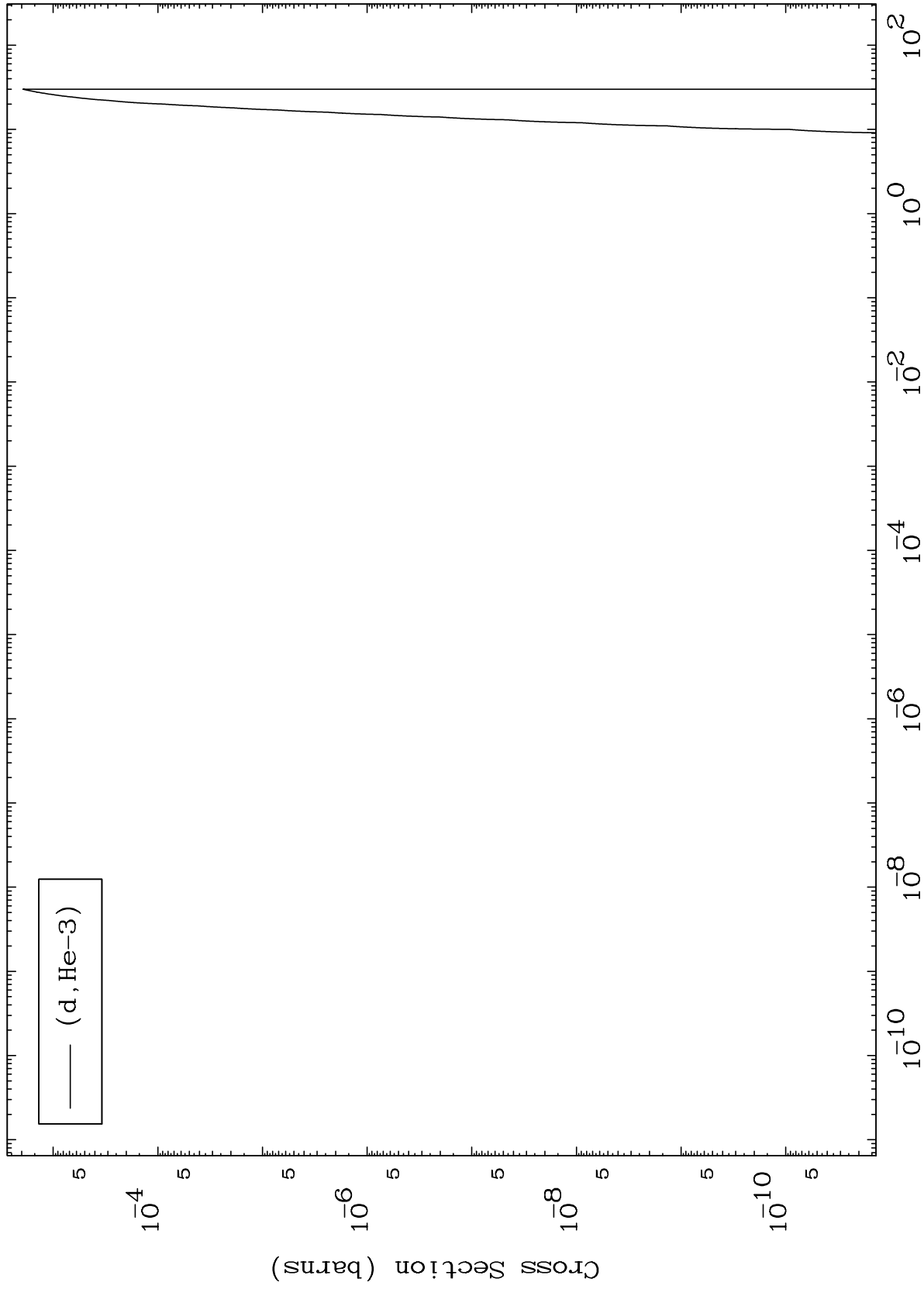
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,He3) Levels  
0 Kelvin Cross Sections

82-Pb-193



10

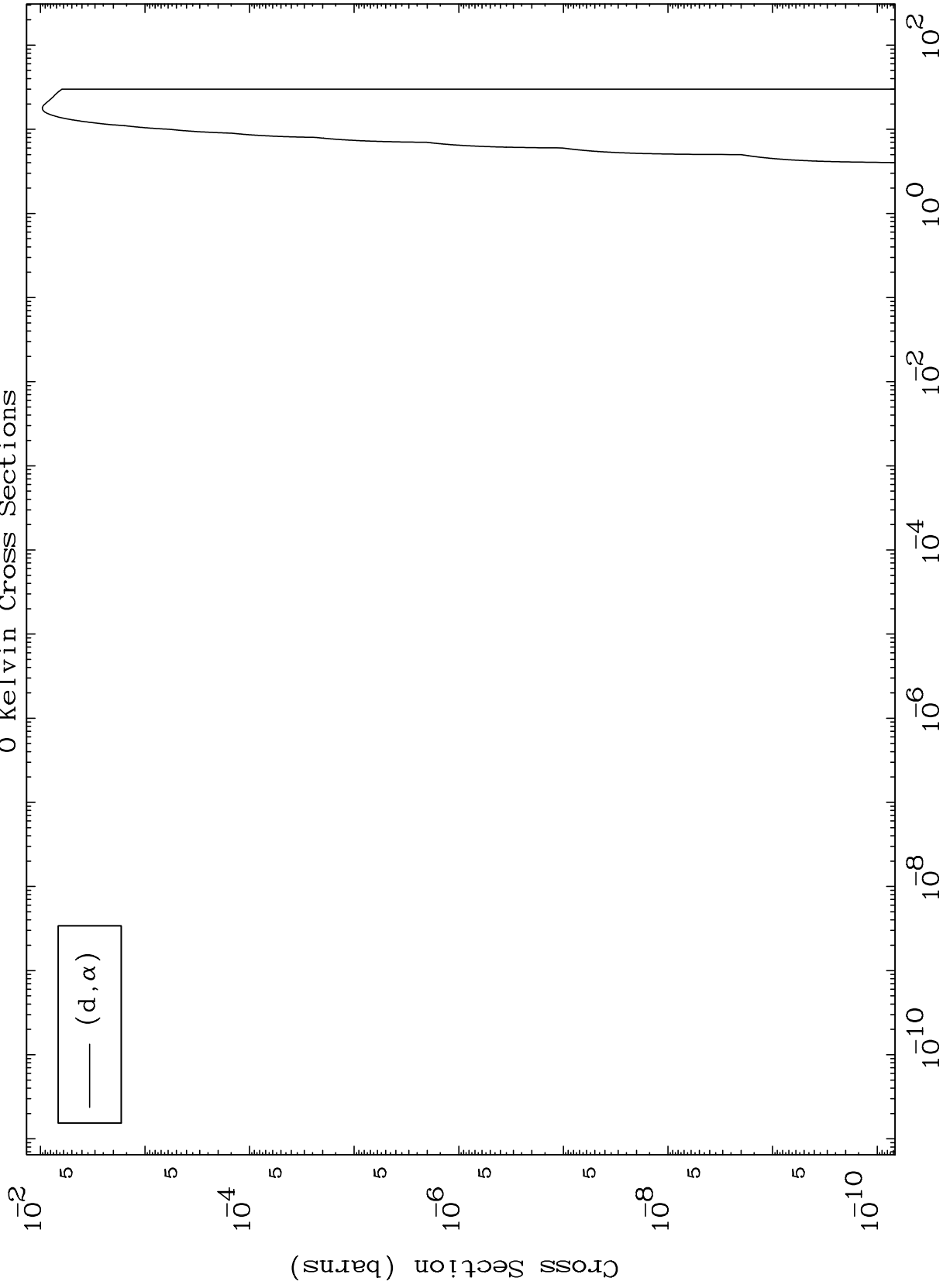
Incident Energy (MeV)

82-Pb-193

MAT 8193

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

82-Pb-193



11

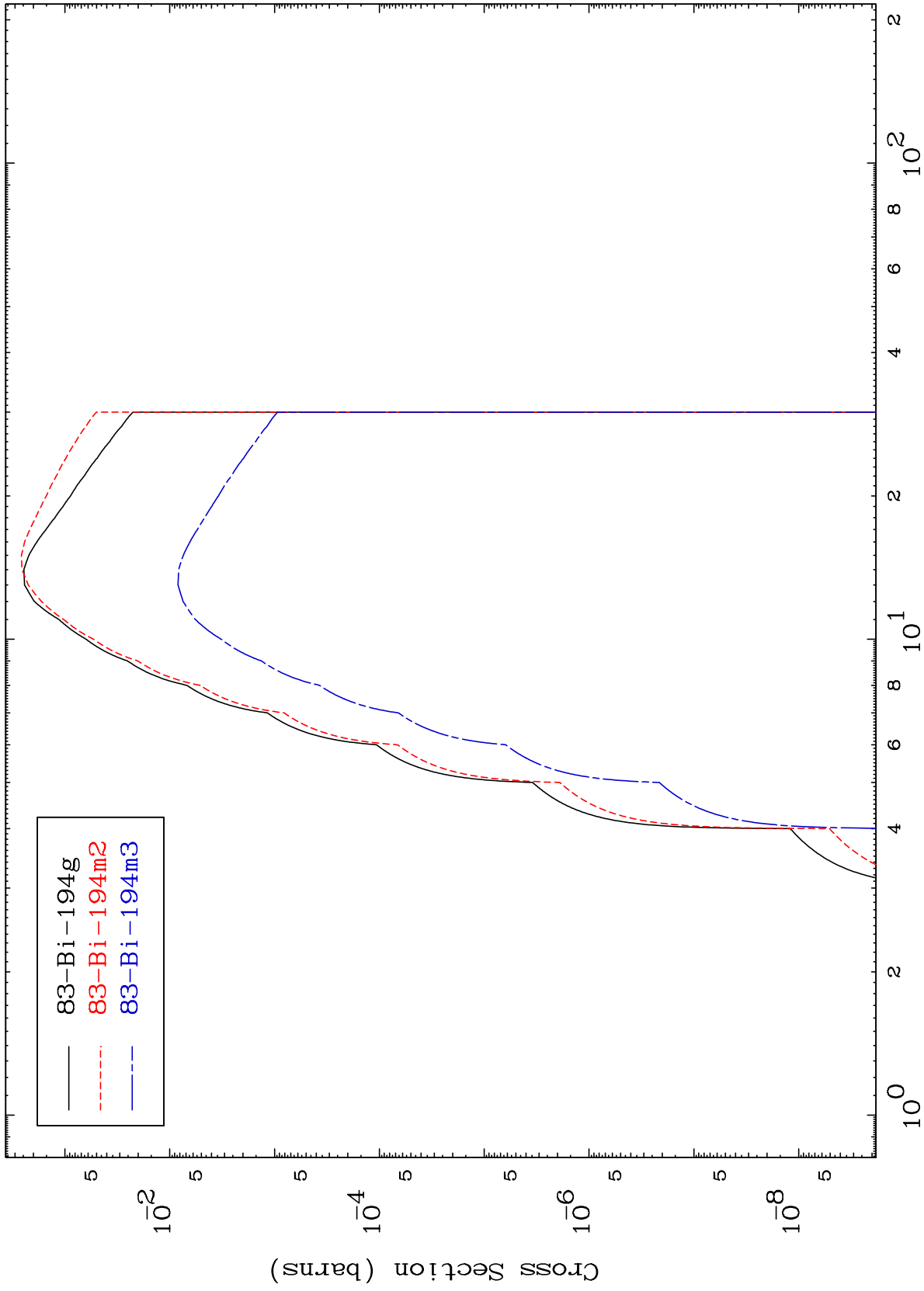
Incident Energy (MeV)

82-Pb-193

MAT 8193

Deuteron Inelastic  
Radionuclide Production Cross Section

82-Pb-193



12

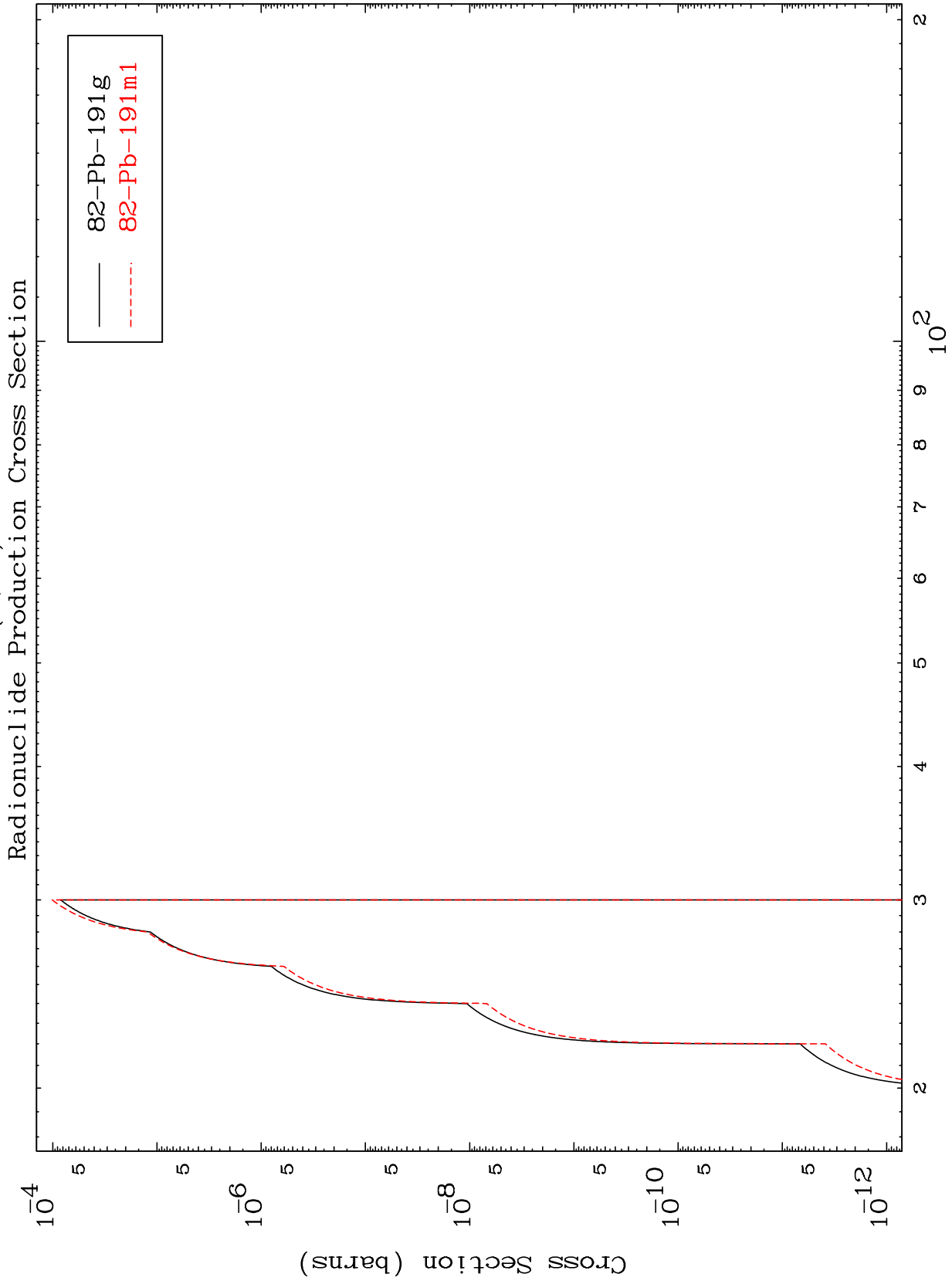
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,2n) d

82-Pb-193



13

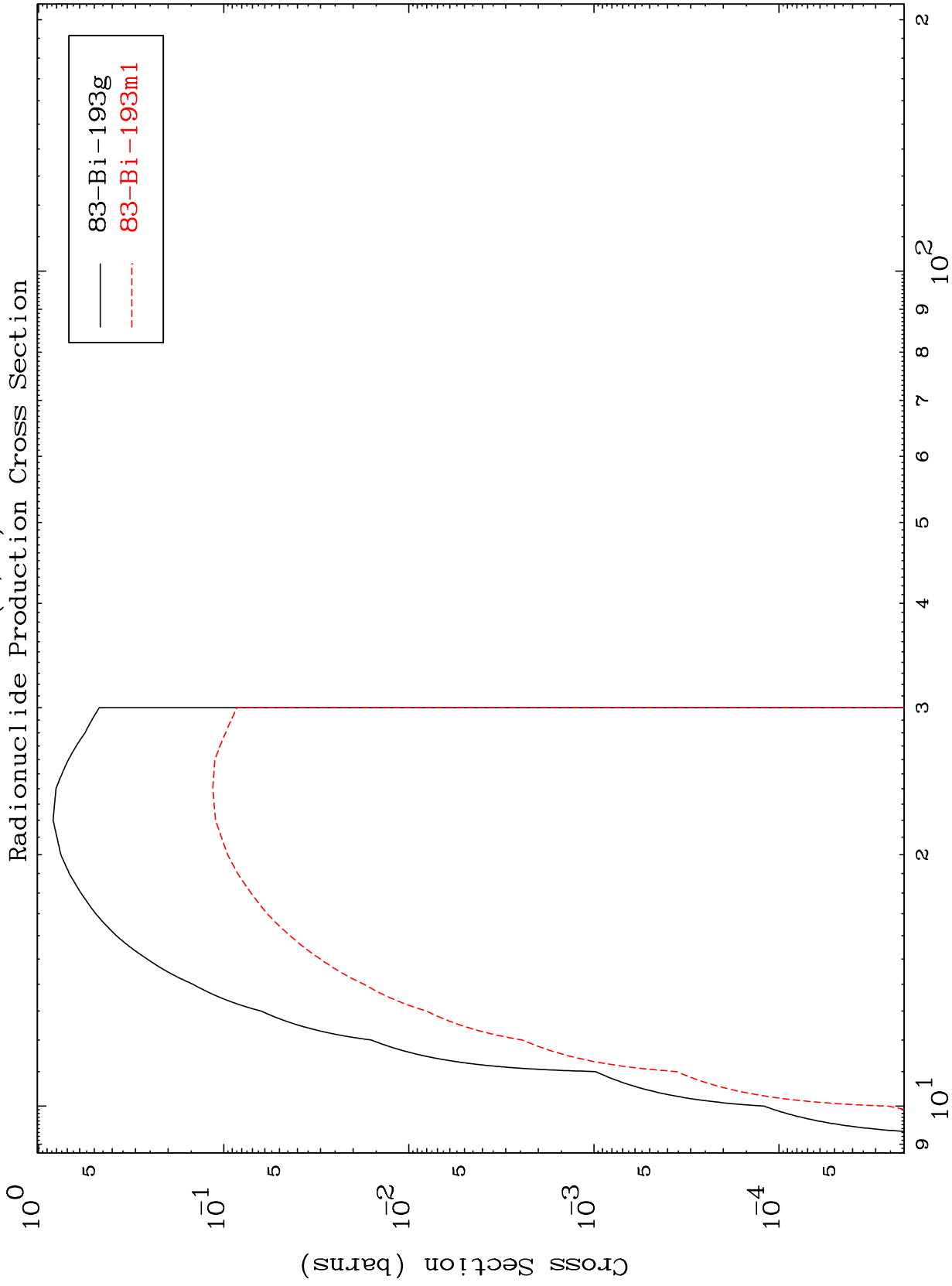
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(d,2n)  
Radionuclide Production Cross Section



14

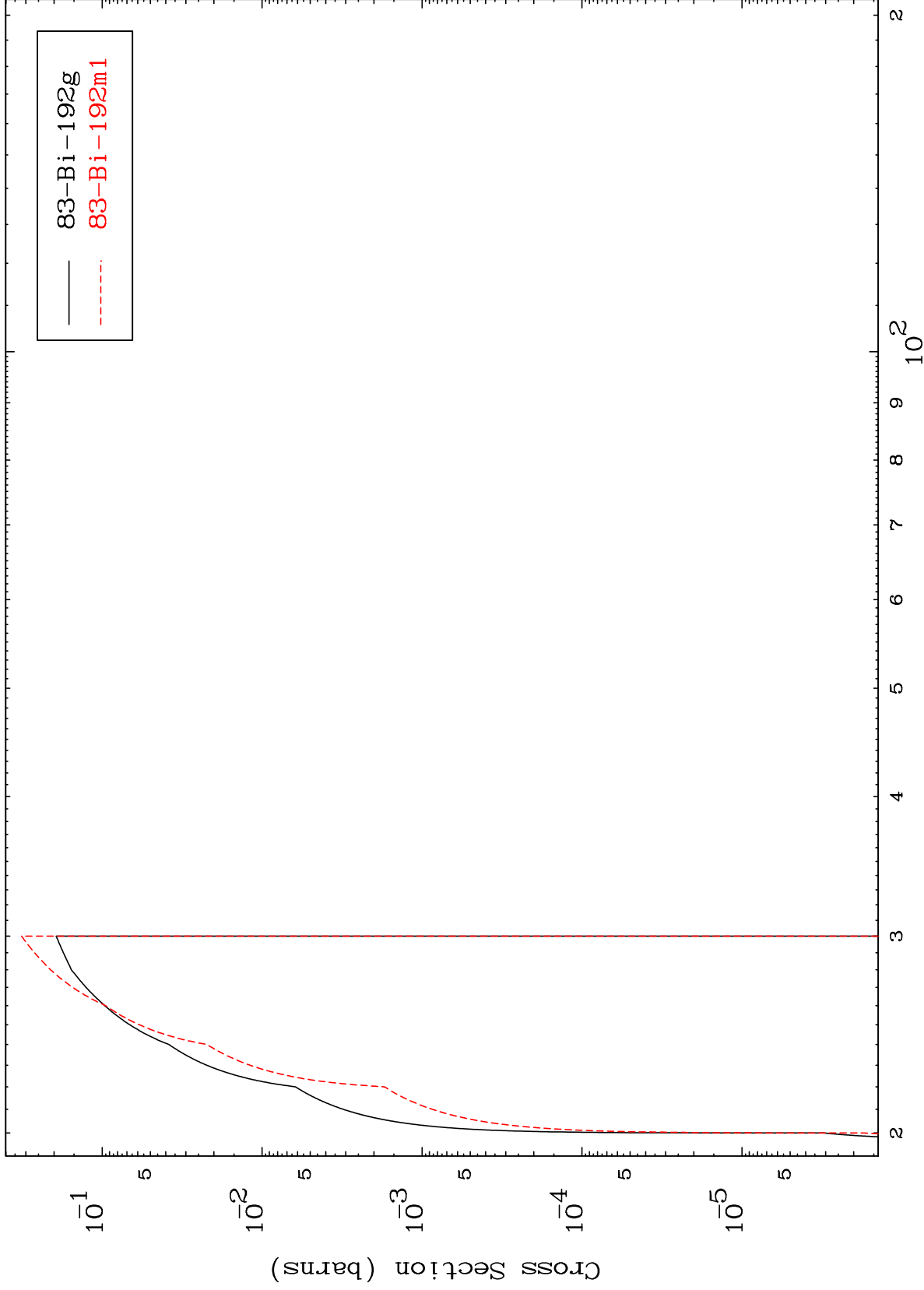
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(d,3n)  
Radionuclide Production Cross Section



15

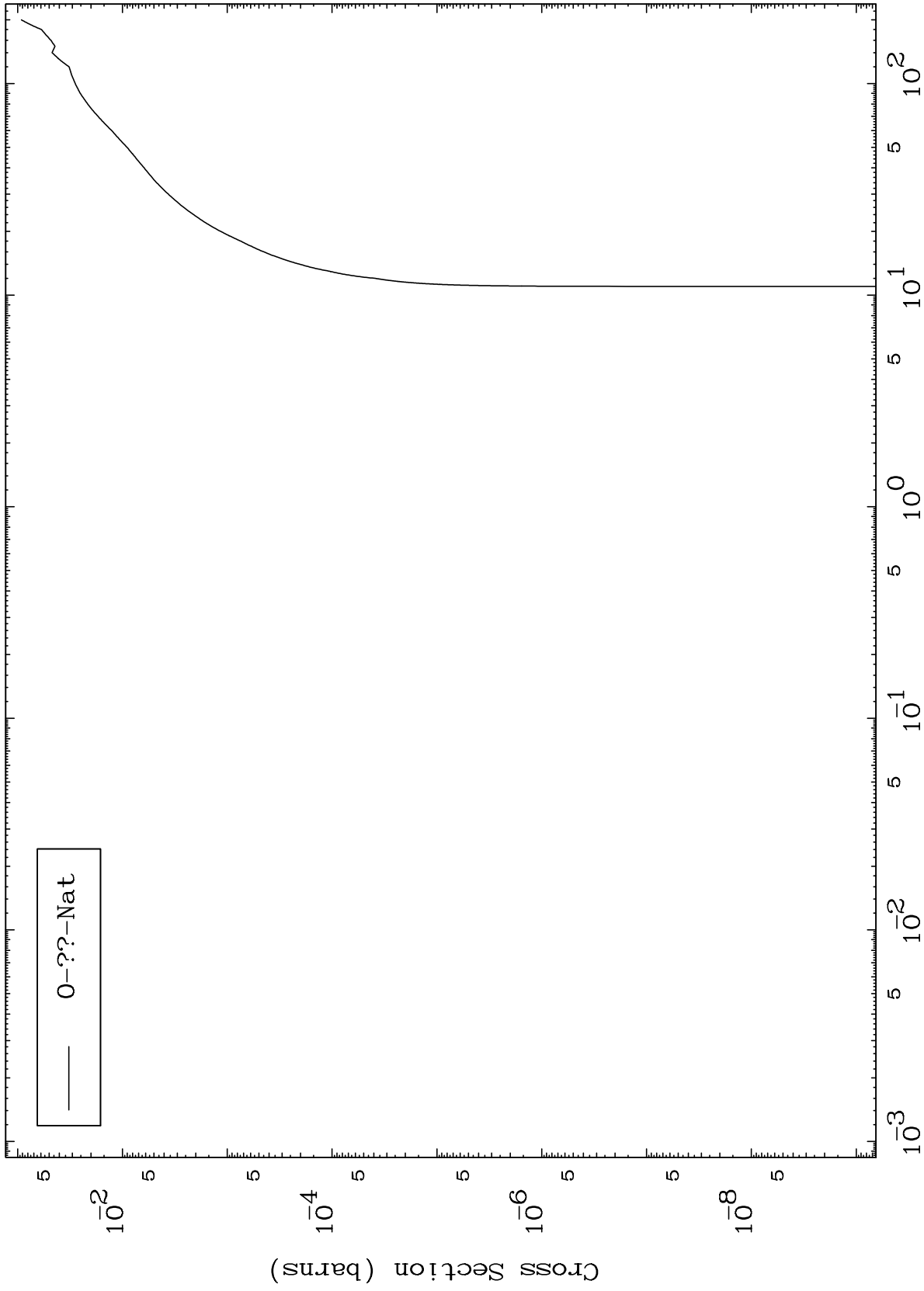
Incident Energy (MeV)

82-Pb-193

MAT 8193

Deuteron Fission  
Radionuclide Production Cross Section

82-Pb-193



16

Incident Energy (MeV)

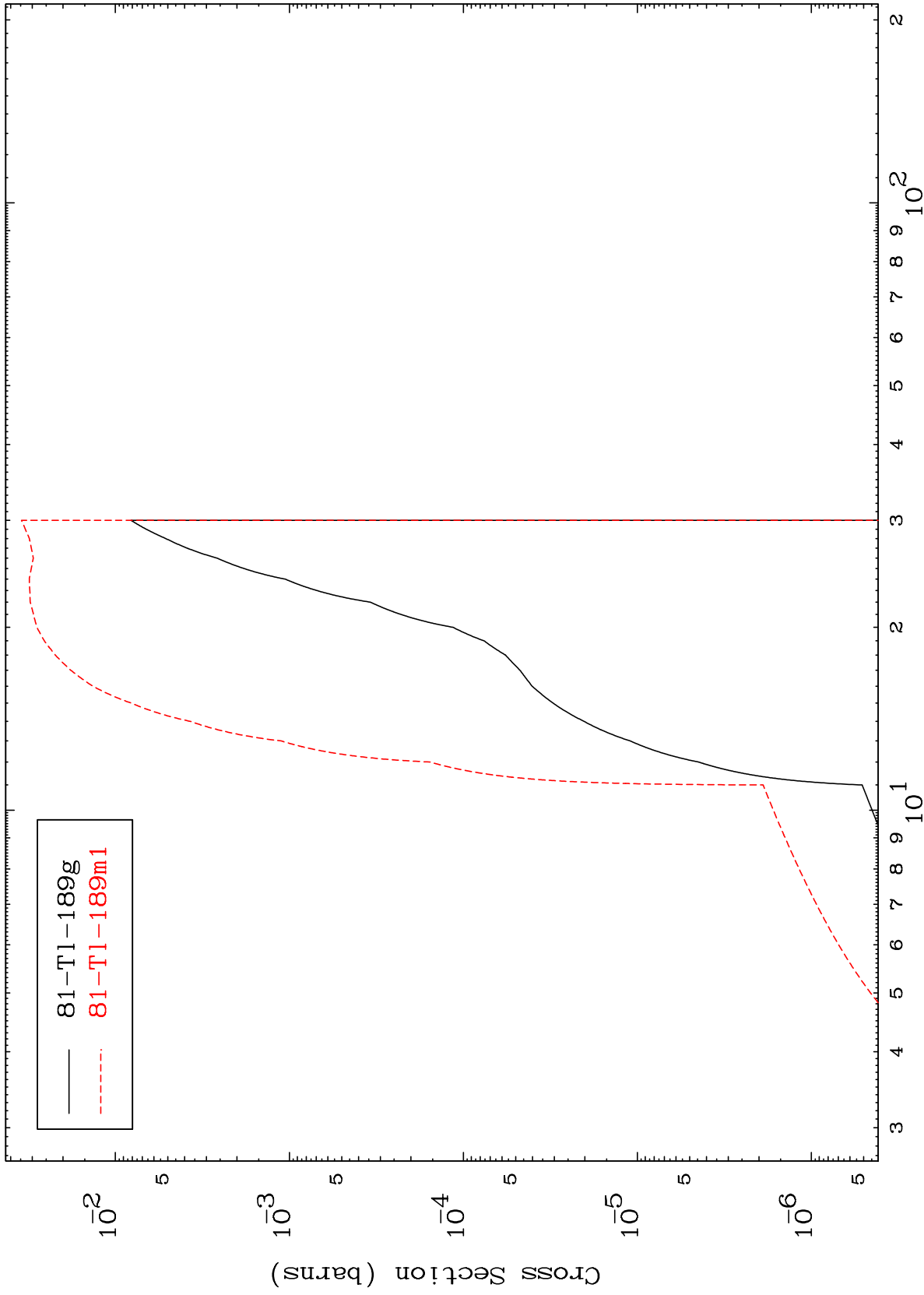
82-Pb-193

MAT 8193

(d,2n)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

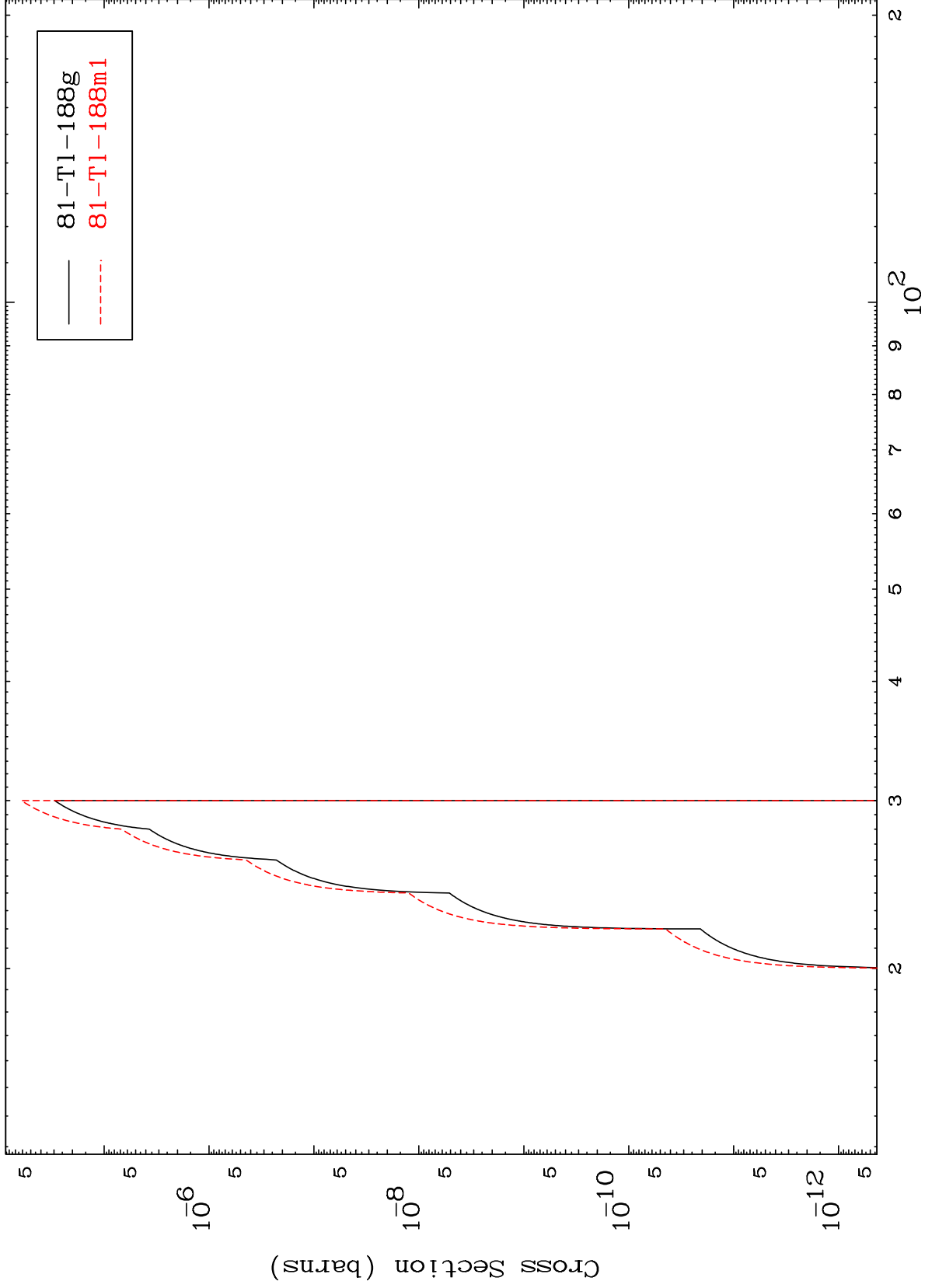
82-Pb-193

MAT 8193

(d,3n)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

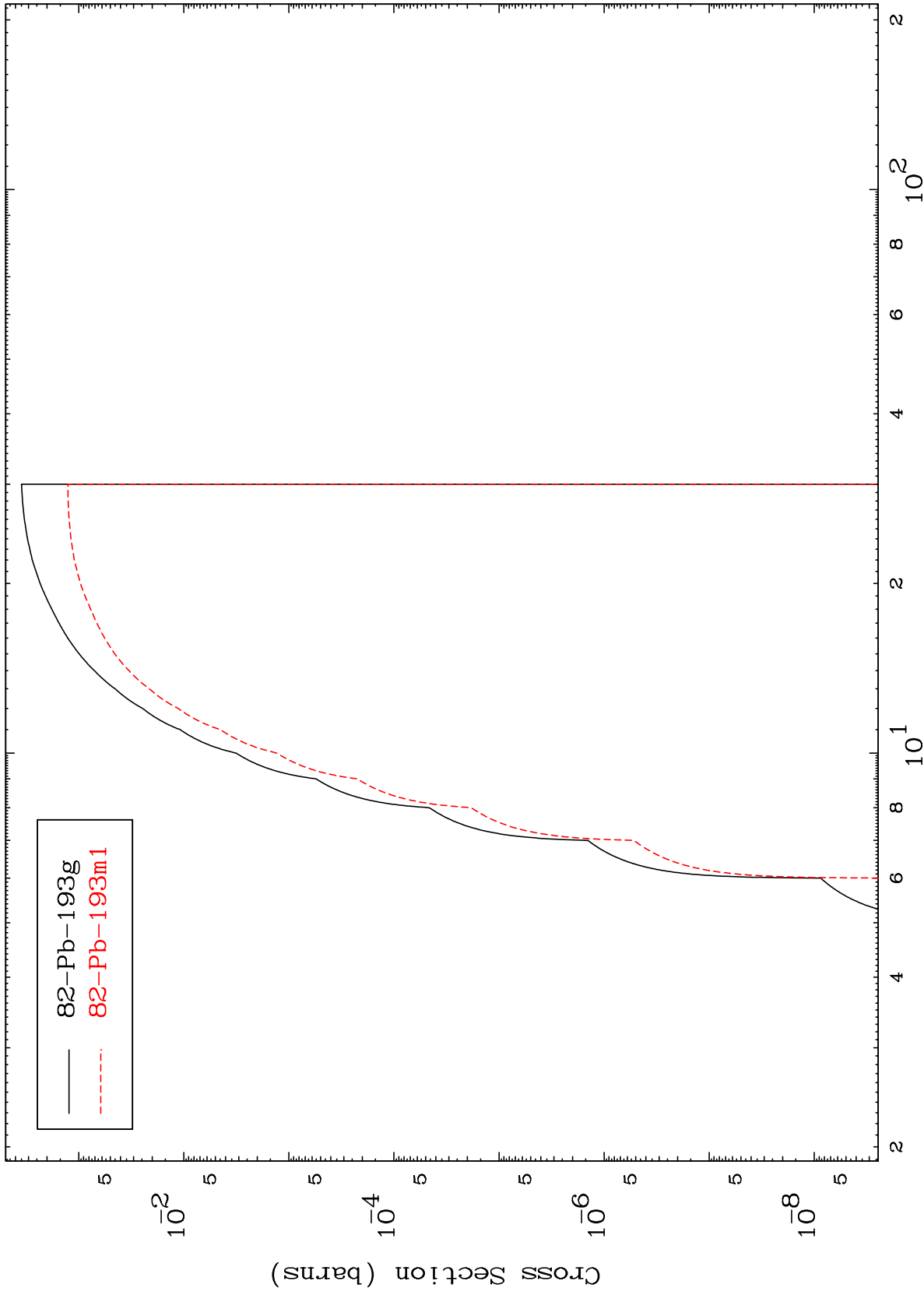
82-Pb-193

MAT 8193

(d,n') p

82-Pb-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

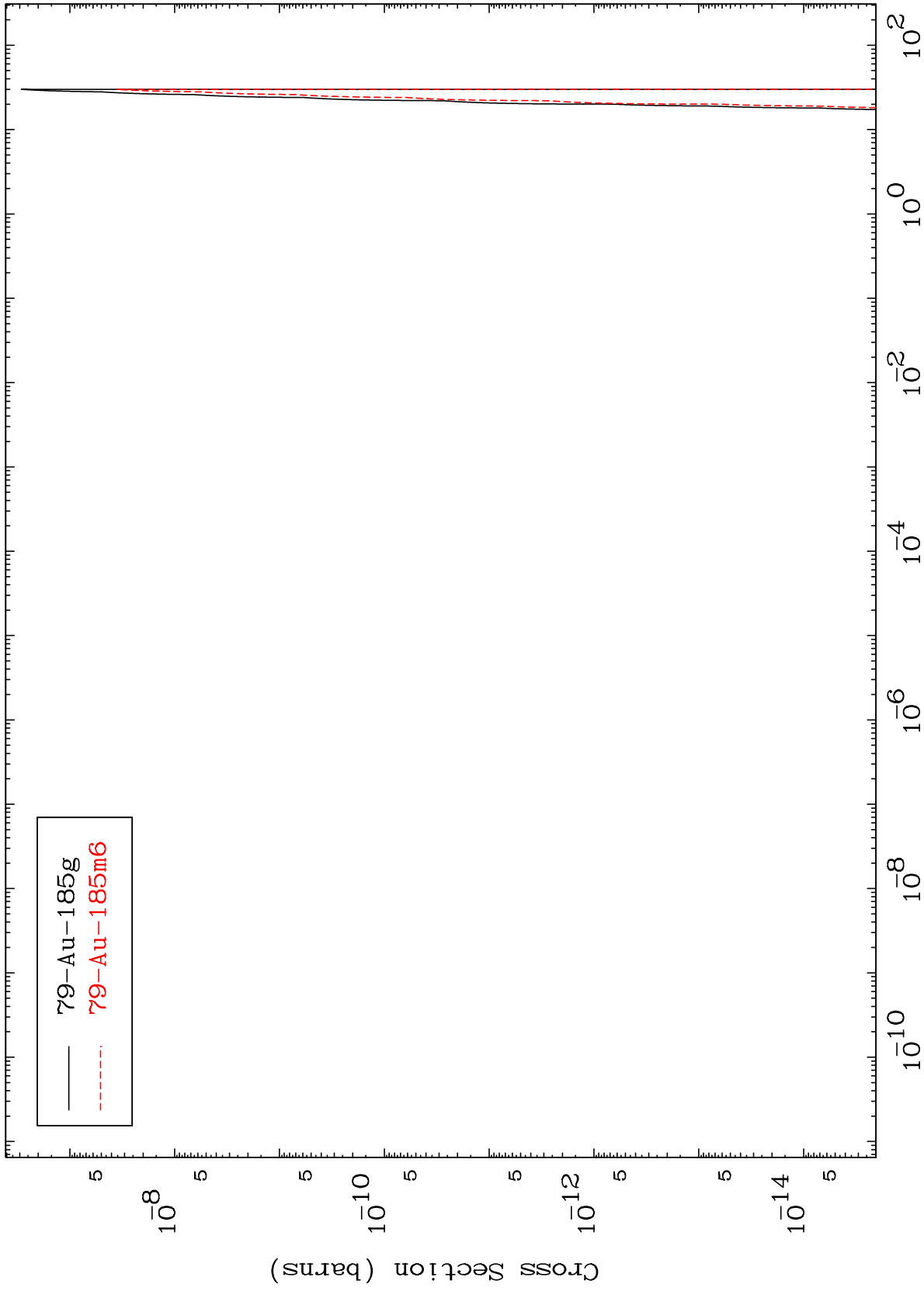
82-Pb-193

MAT 8193

(d,2n) 2 $\alpha$

82-Pb-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

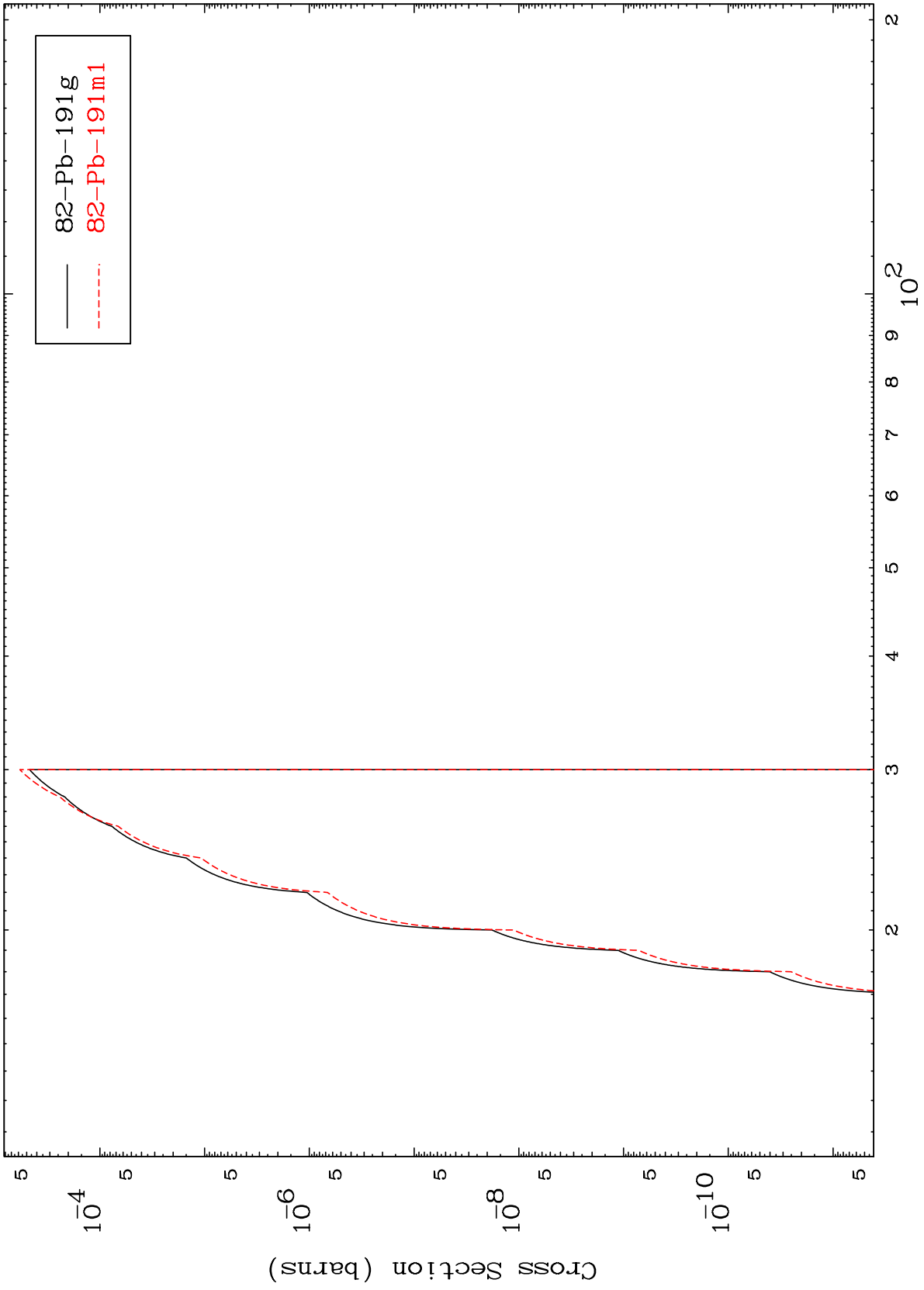
82-Pb-193

MAT 8193

(d,n') t

82-Pb-193

Radionuclide Production Cross Section



21

Incident Energy (MeV)

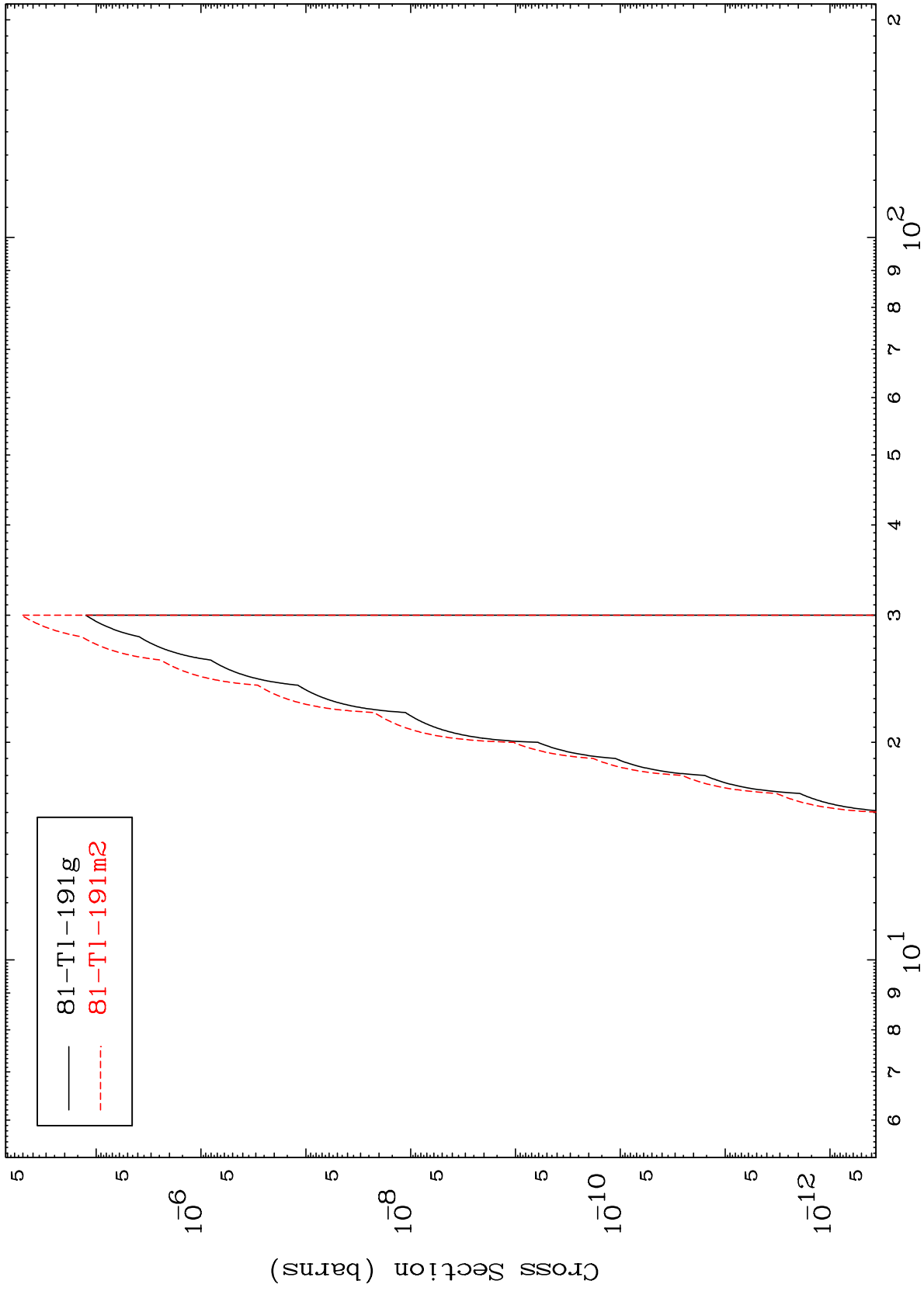
82-Pb-193

MAT 8193

(d, n') He-3

82-Pb-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

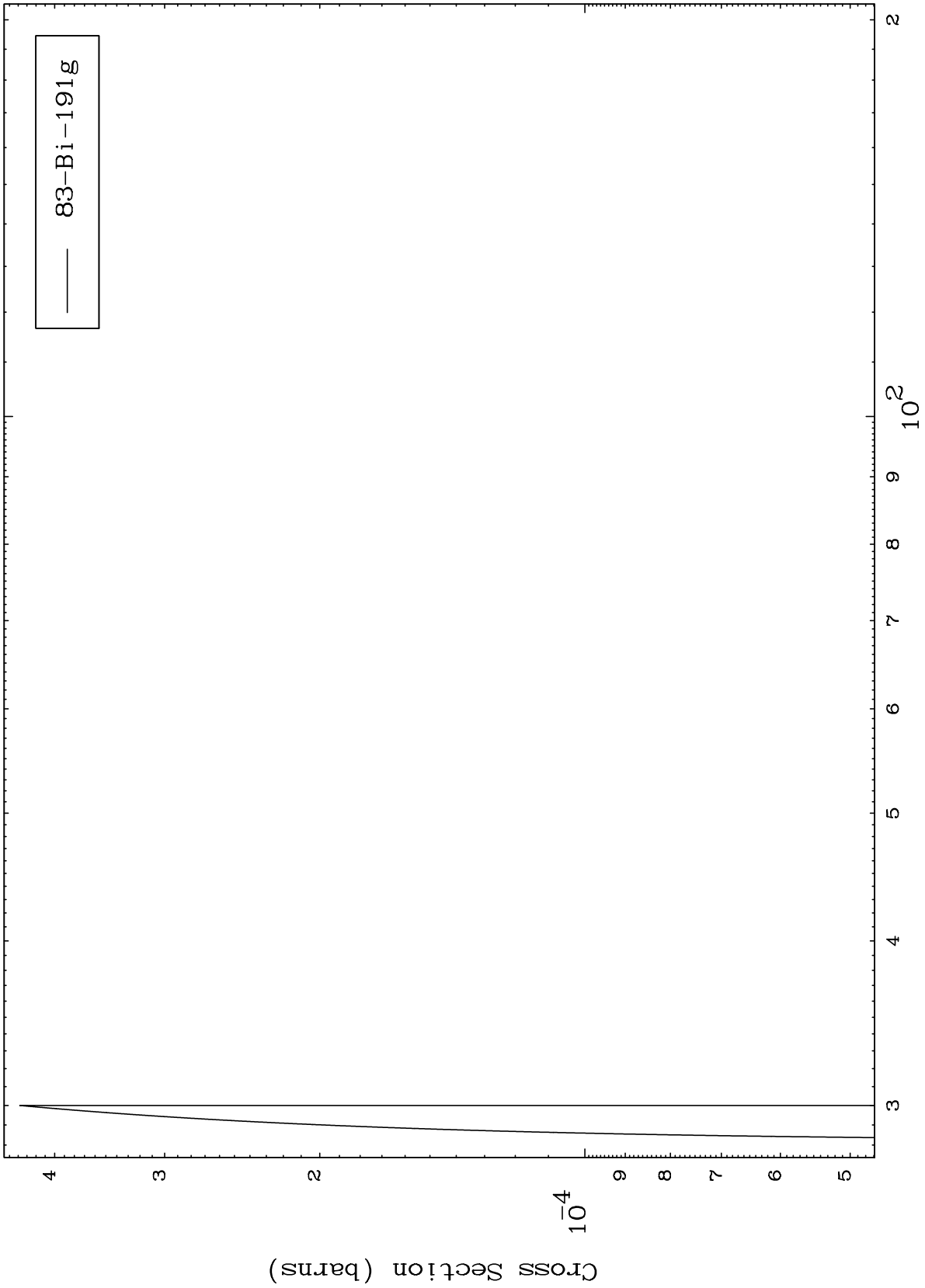
82-Pb-193

MAT 8193

(d,4n)

82-Pb-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

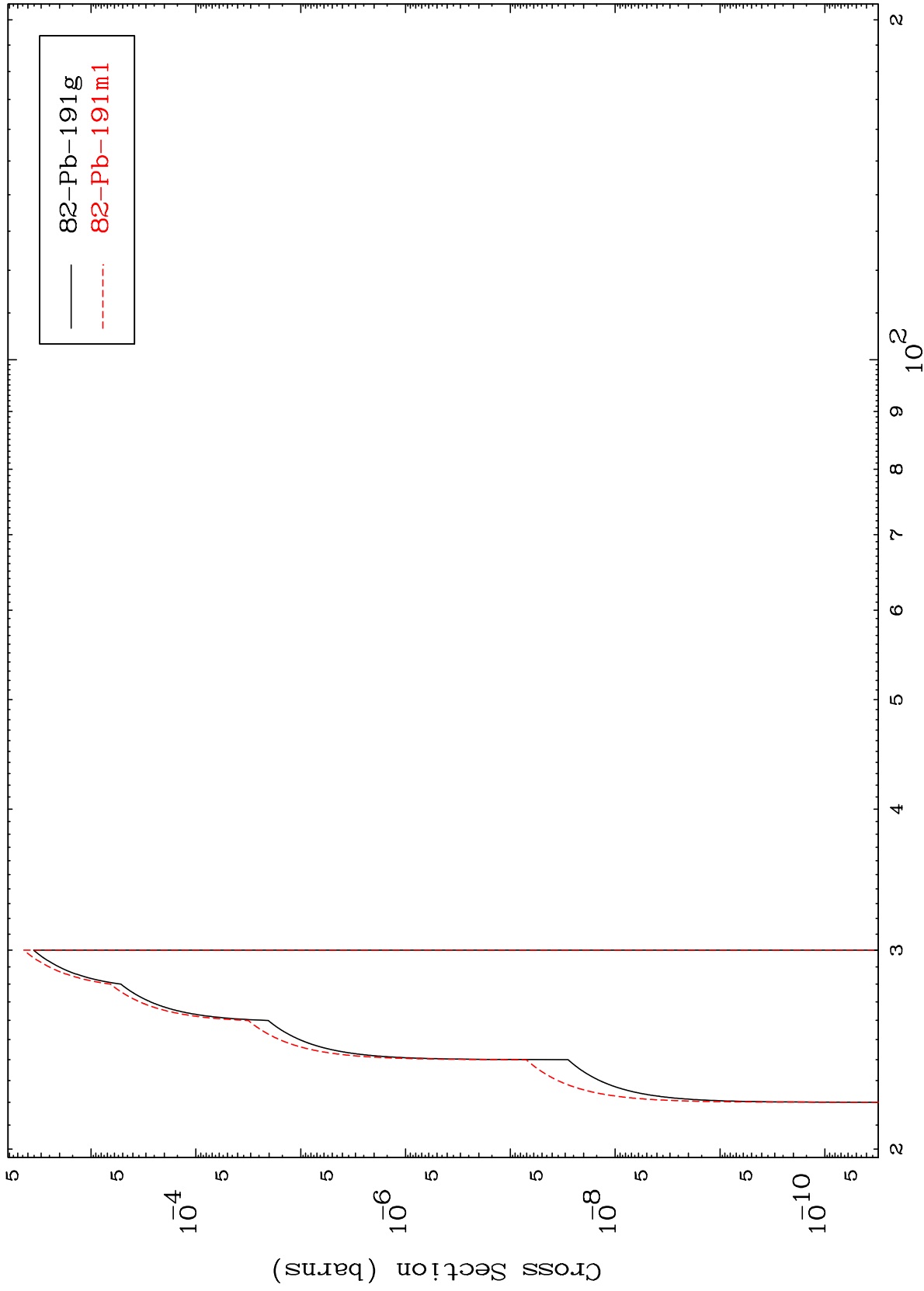
82-Pb-193

MAT 8193

(d,3n) p

82-Pb-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

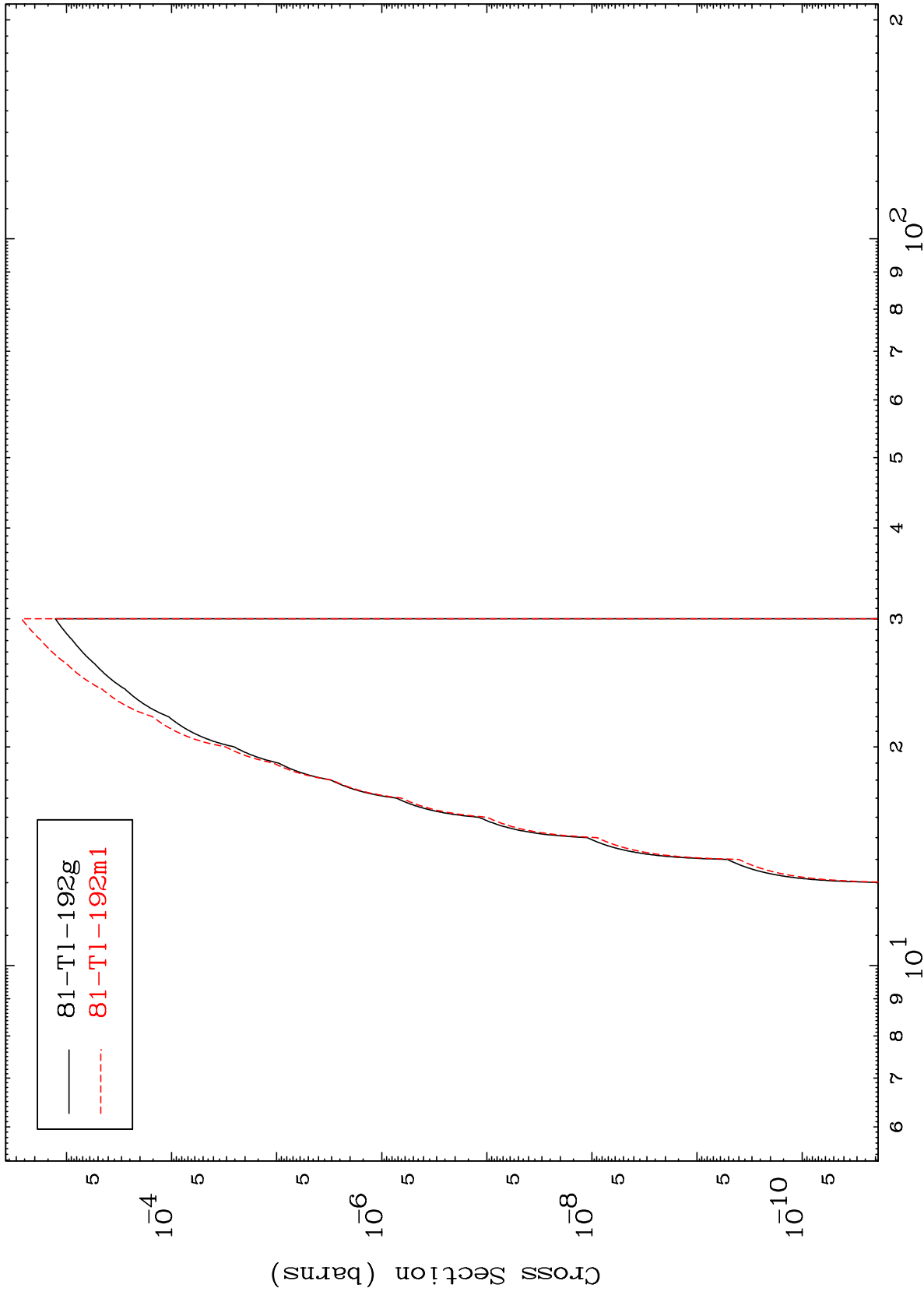
82-Pb-193

MAT 8193

(d,2n) p

82-Pb-193

Radionuclide Production Cross Section



25

Incident Energy (MeV)

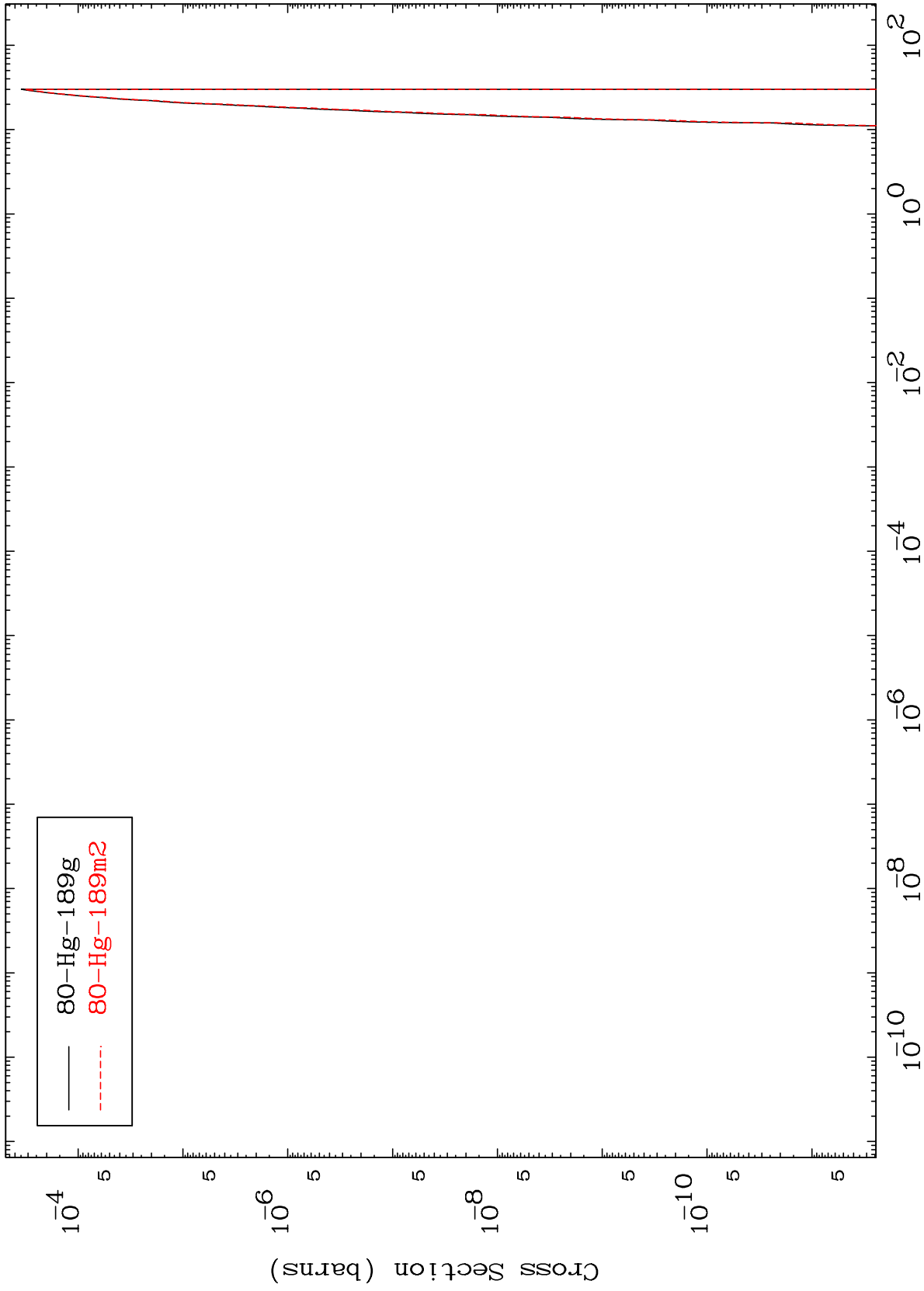
82-Pb-193

MAT 8193

(d,n') p  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



26

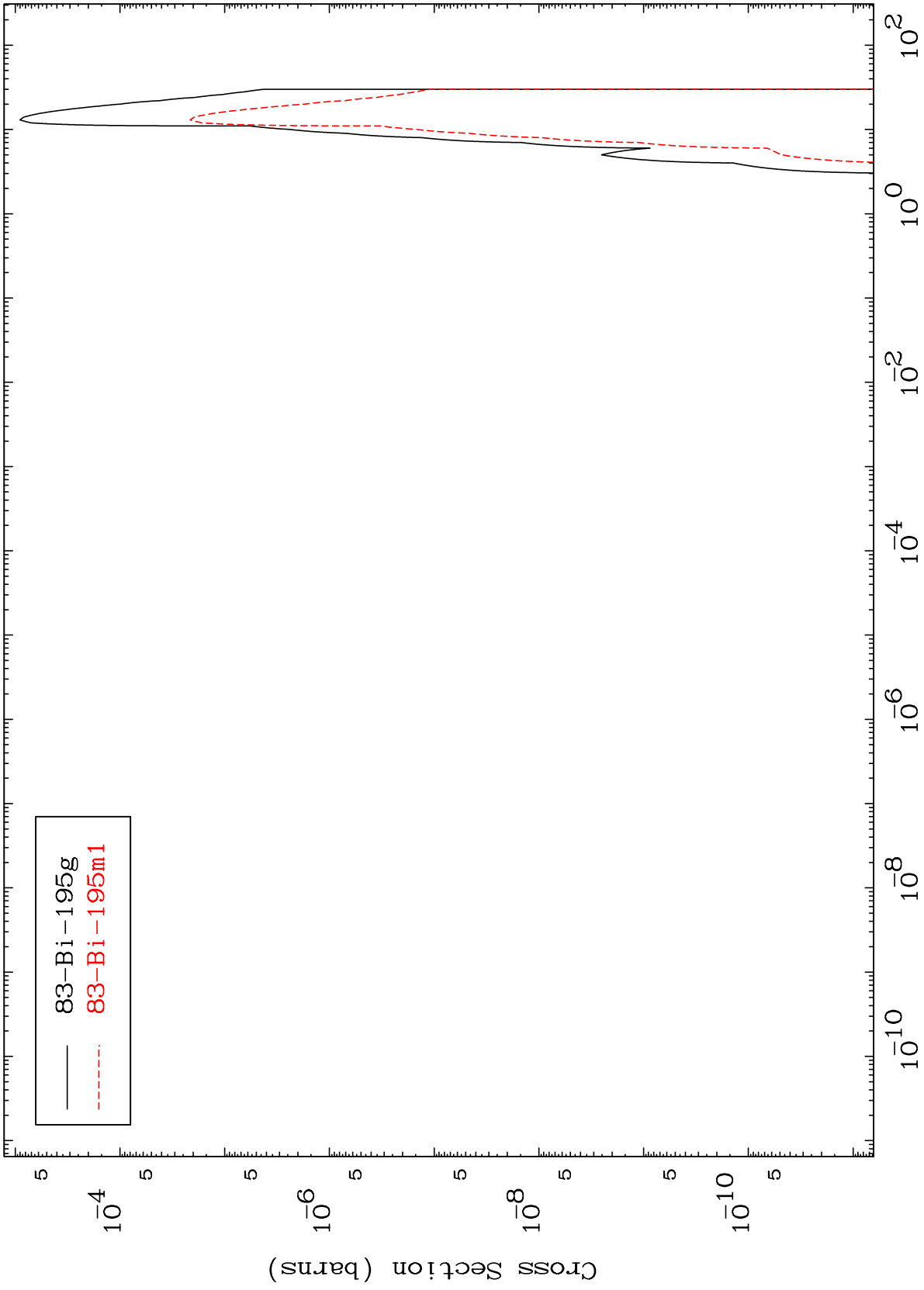
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,γ)  
Radionuclide Production Cross Section

82-Pb-193



27

Incident Energy (MeV)

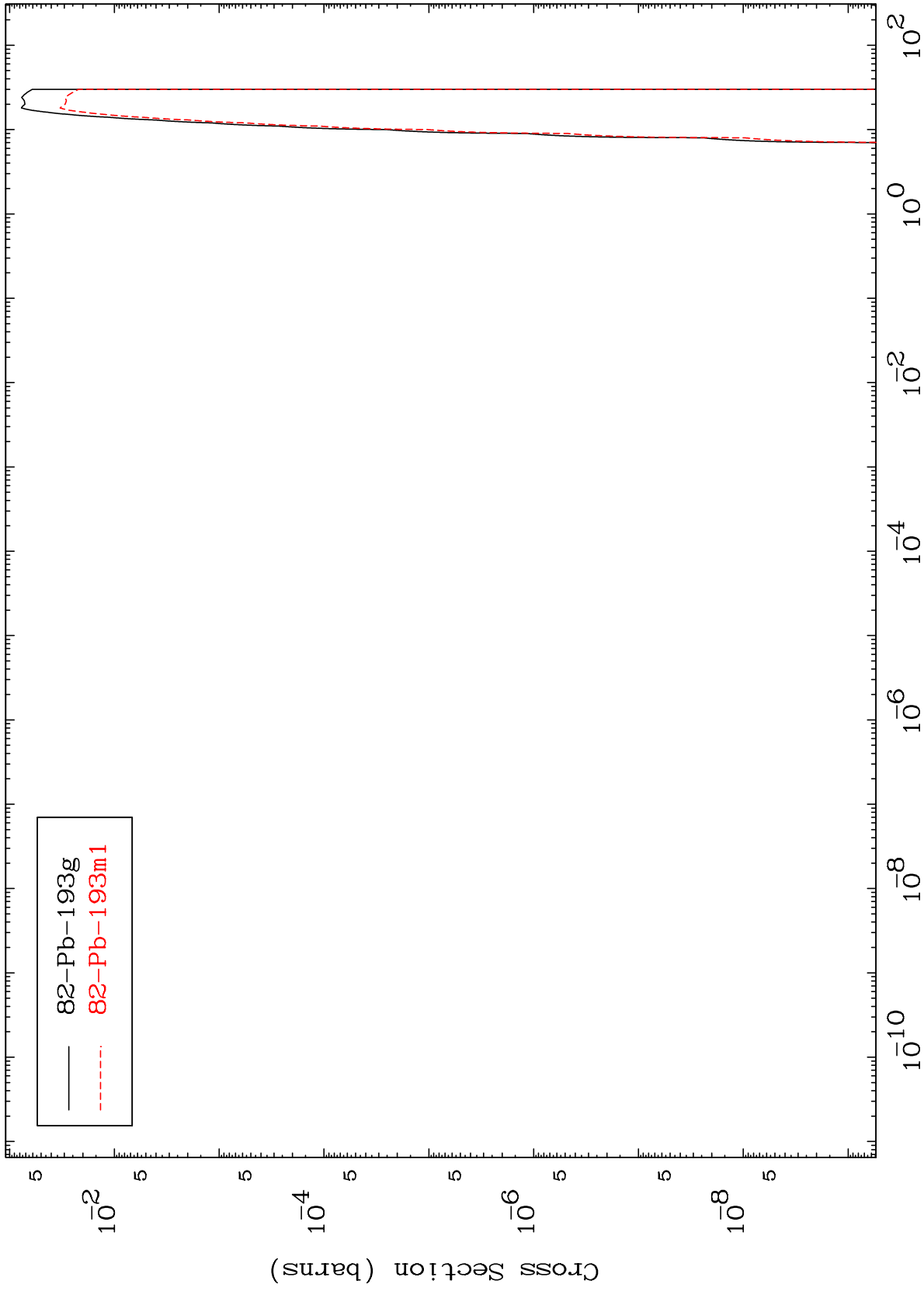
82-Pb-193

MAT 8193

(d,d)

82-Pb-193

Radionuclide Production Cross Section



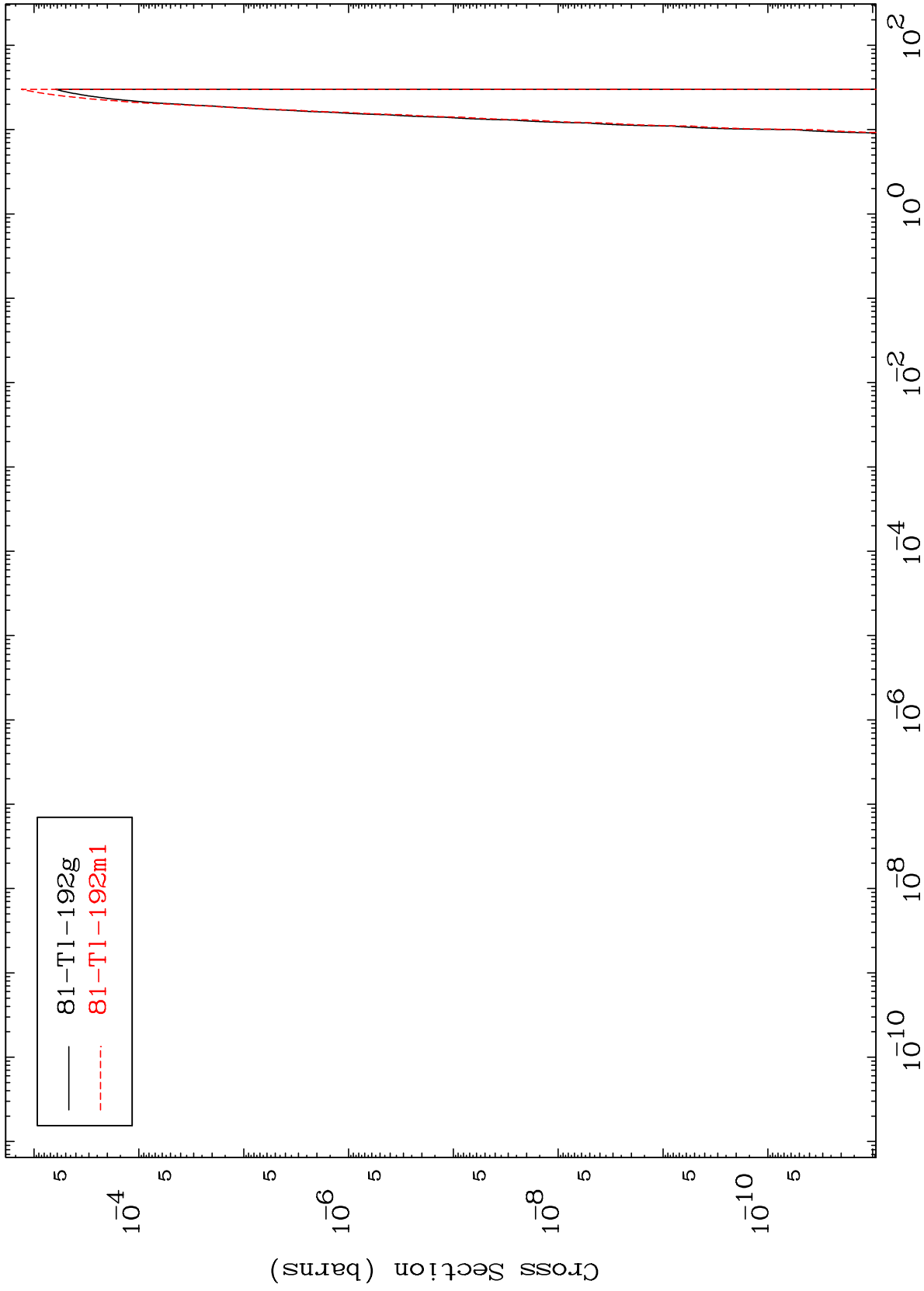
82-Pb-193

MAT 8193

(d,He-3)

82-Pb-193

Radionuclide Production Cross Section



29

Incident Energy (MeV)

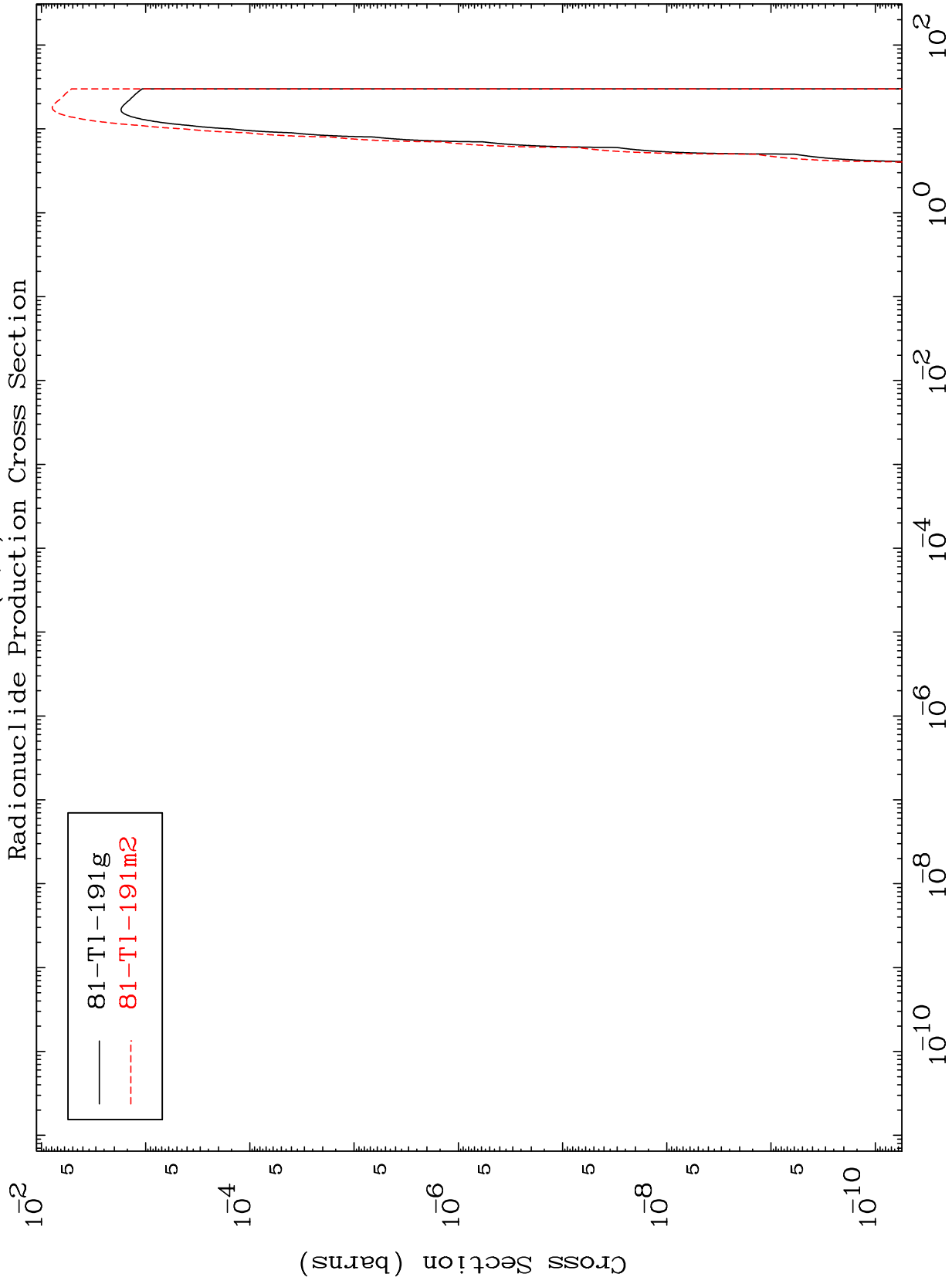
82-Pb-193

MAT 8193

(d,  $\alpha$ )

82-Pb-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

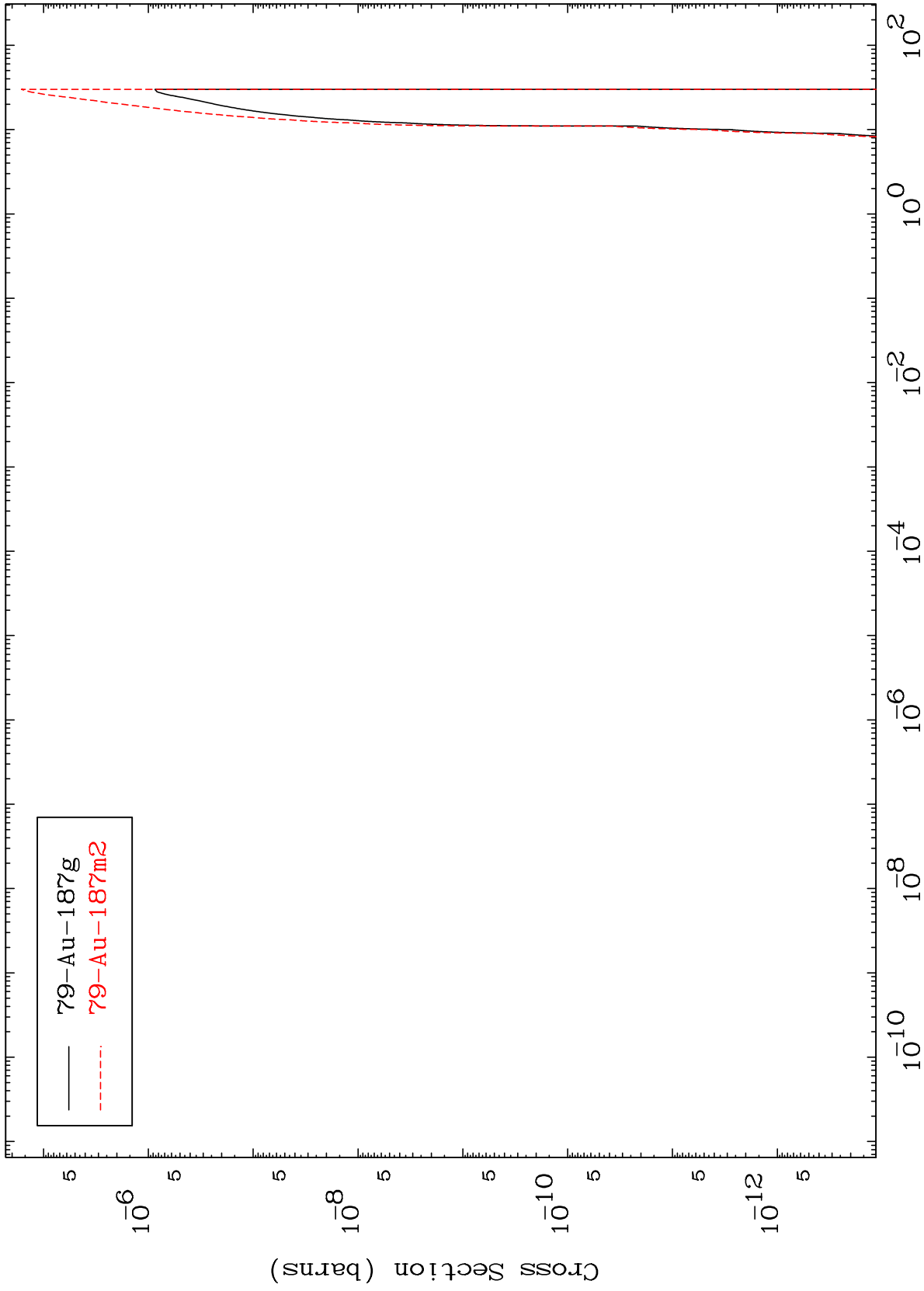
82-Pb-193

MAT 8193

(d,2α)

82-Pb-193

Radionuclide Production Cross Section



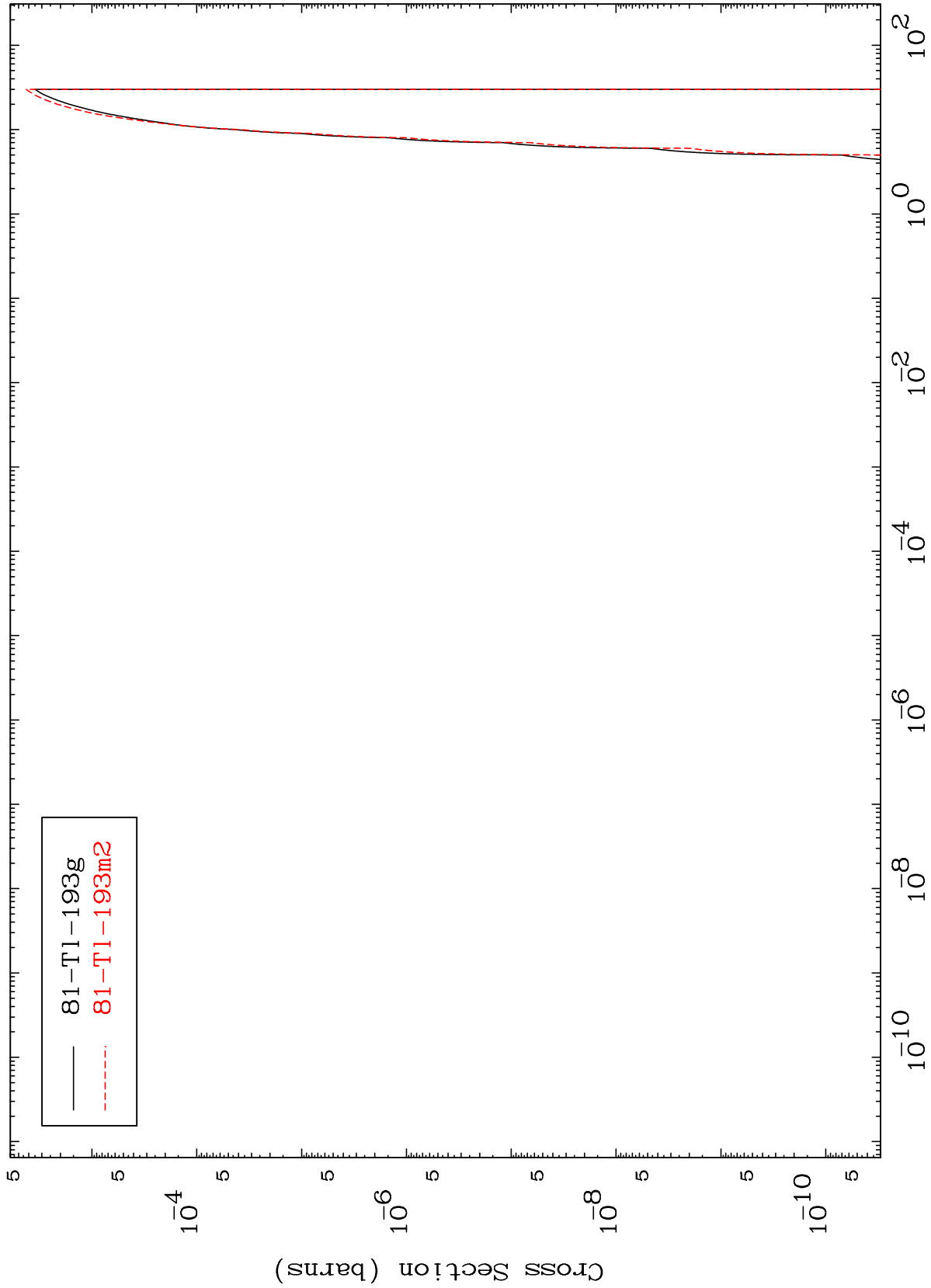
82-Pb-193

MAT 8193

(d,2p)

82-Pb-193

Radionuclide Production Cross Section



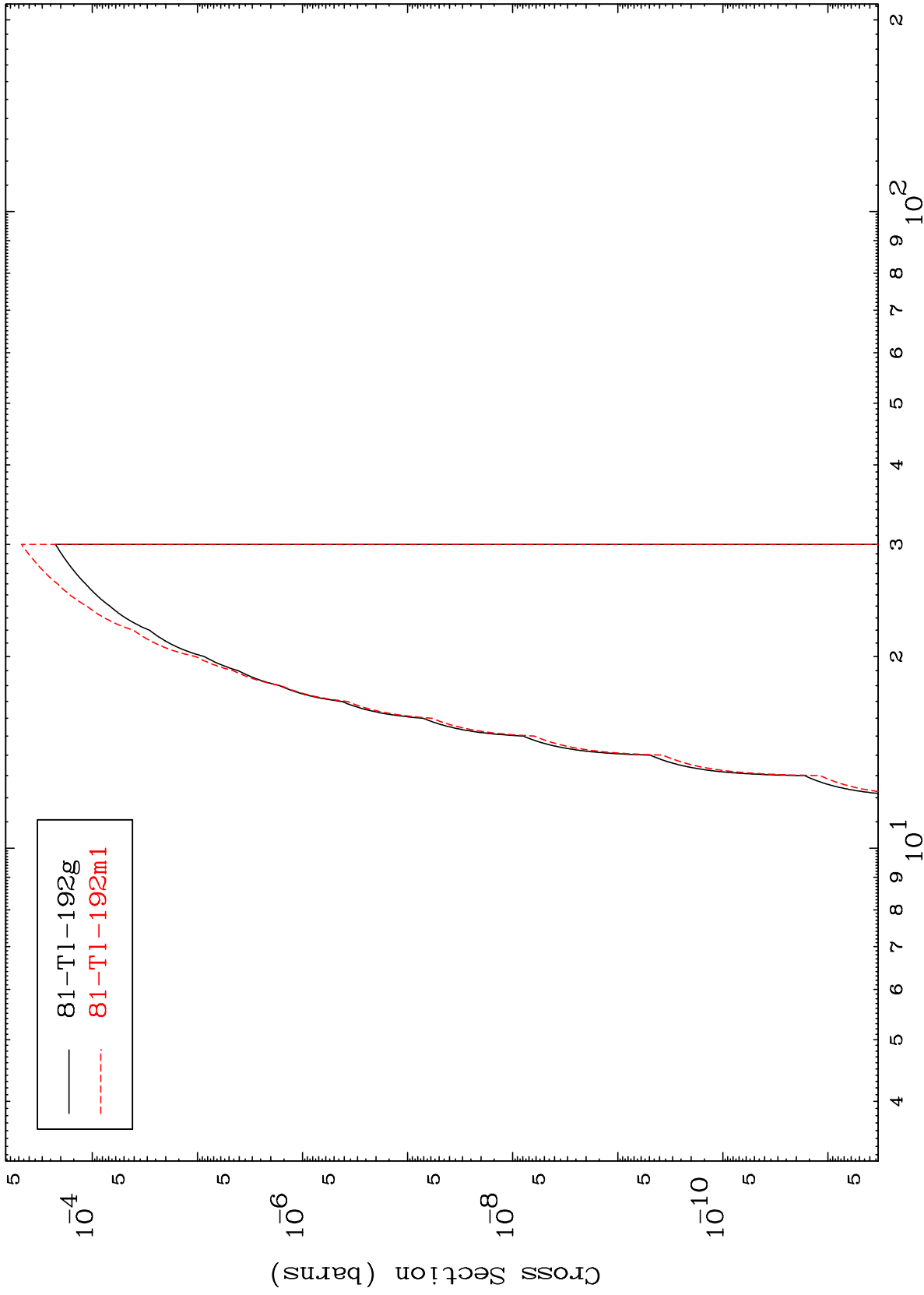
81-Tl-193g  
81-Tl-193m2

MAT 8193

(d,p) d

82-Pb-193

Radionuclide Production Cross Section



33

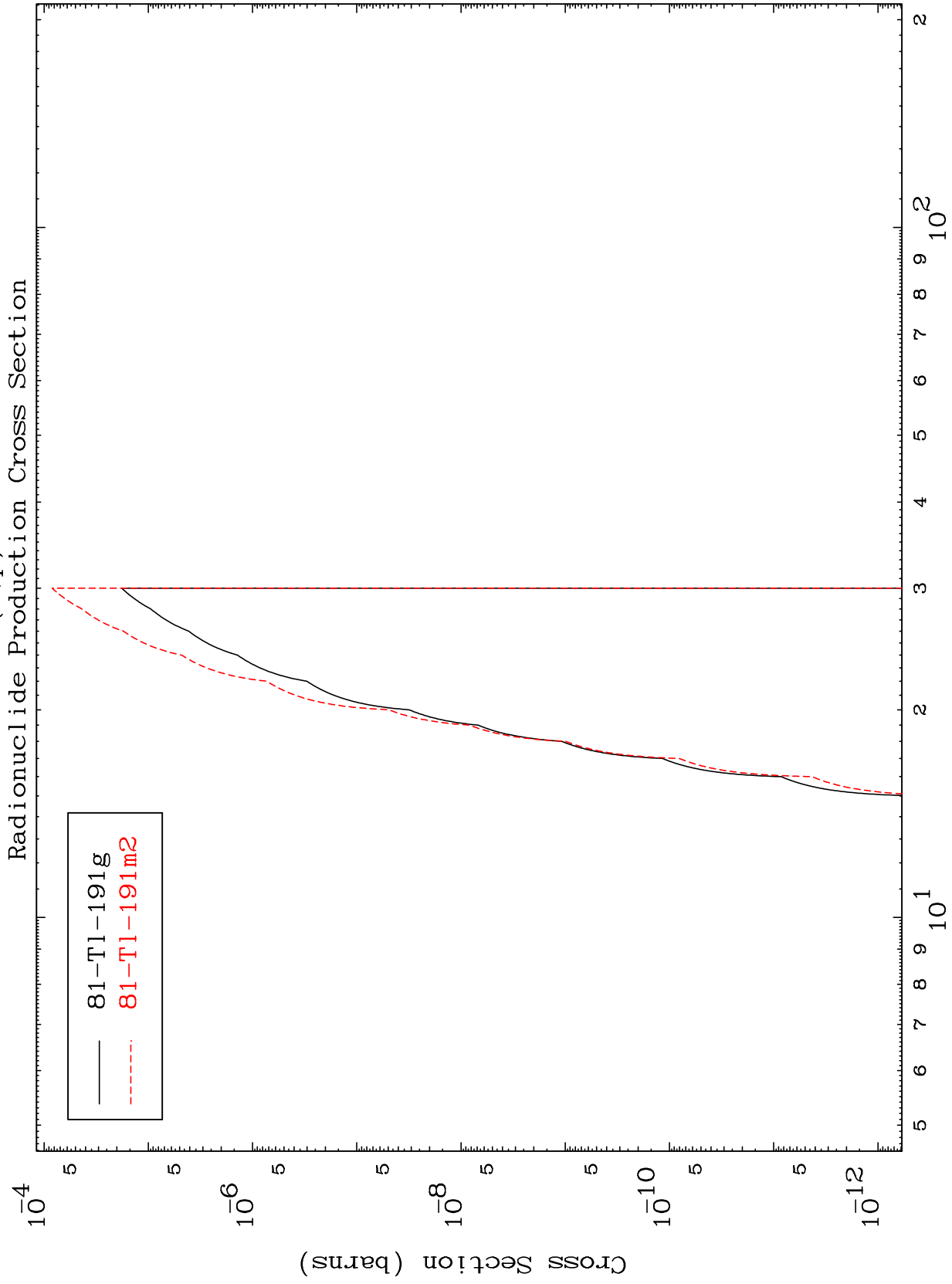
Incident Energy (MeV)

82-Pb-193

MAT 8193

(d,p) t

82-Pb-193



81-Tl-191g  
81-Tl-191m2

34

Incident Energy (MeV)

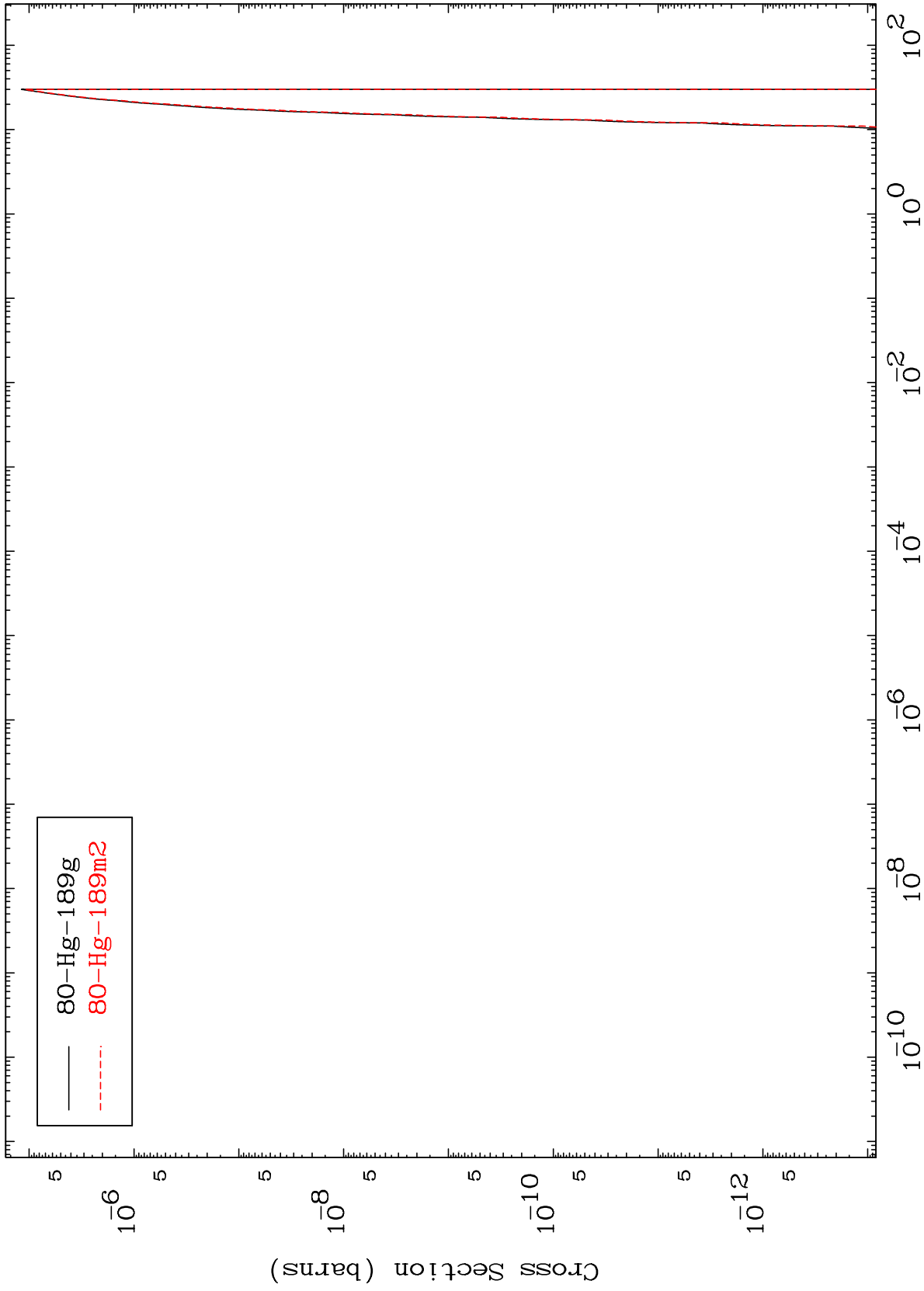
82-Pb-193

MAT 8193

(d,d)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



35

Incident Energy (MeV)

82-Pb-193