

Program EVALPLOT
(Version 2021-1)

by

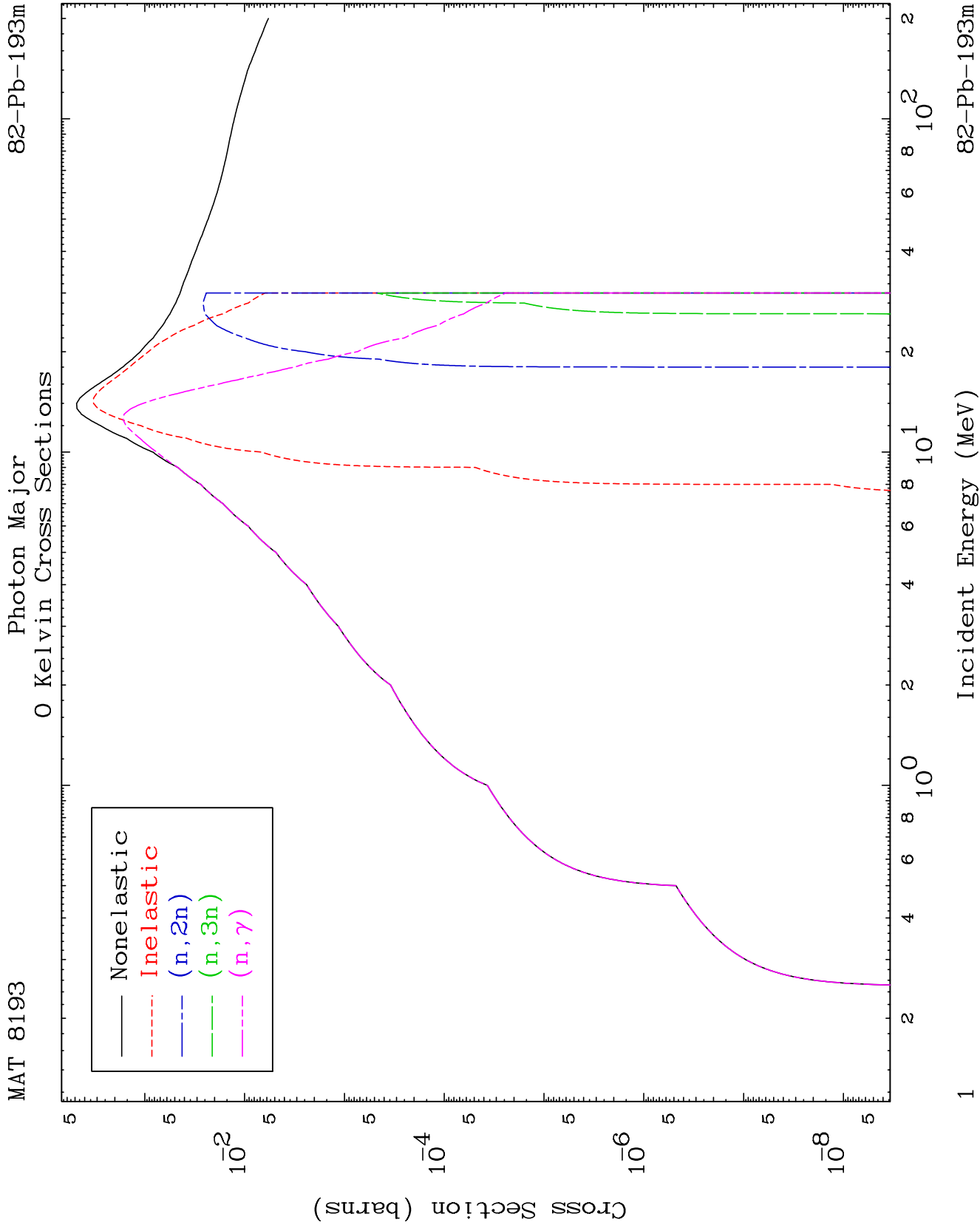
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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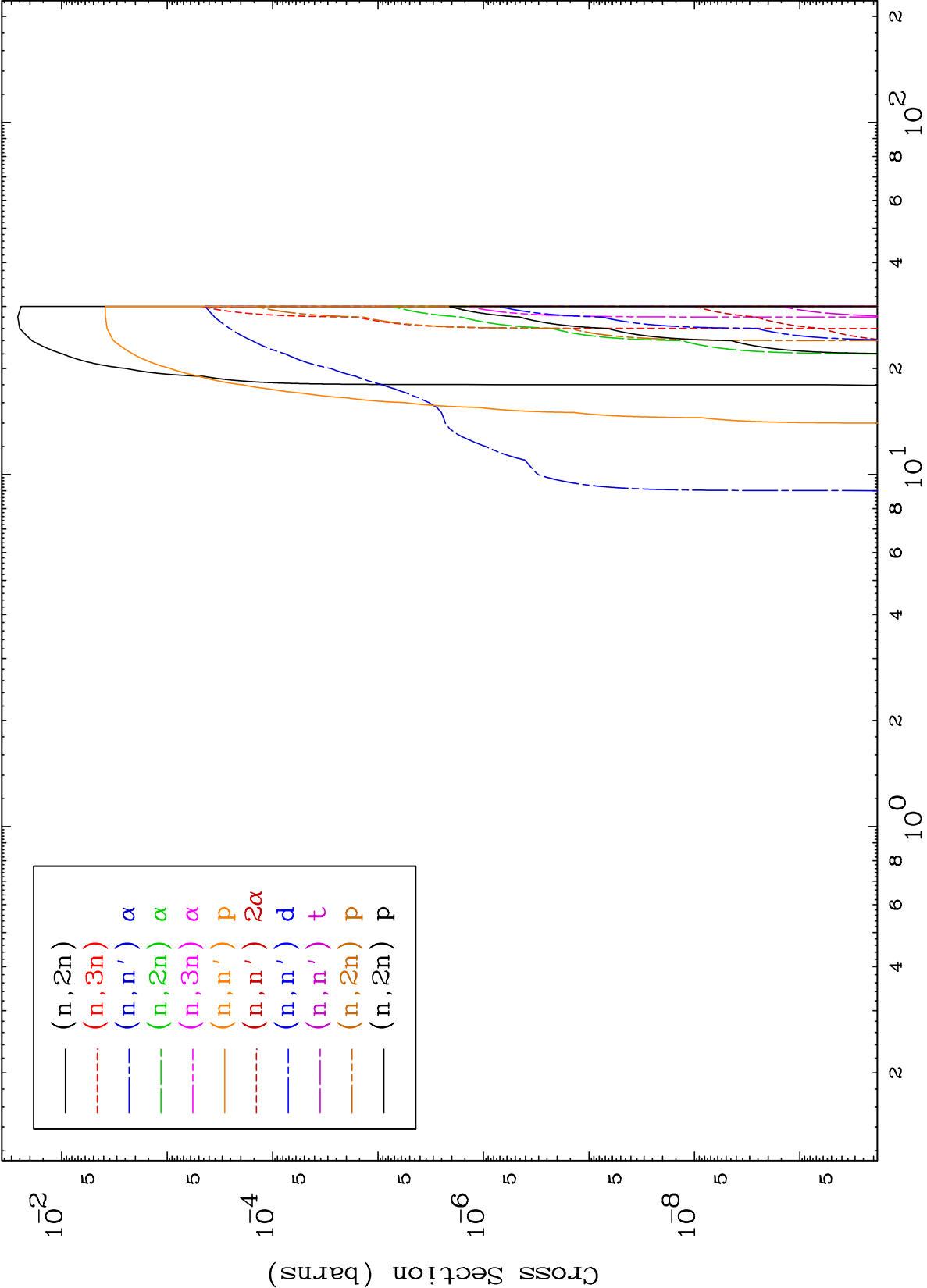
Press Mouse Button to Start

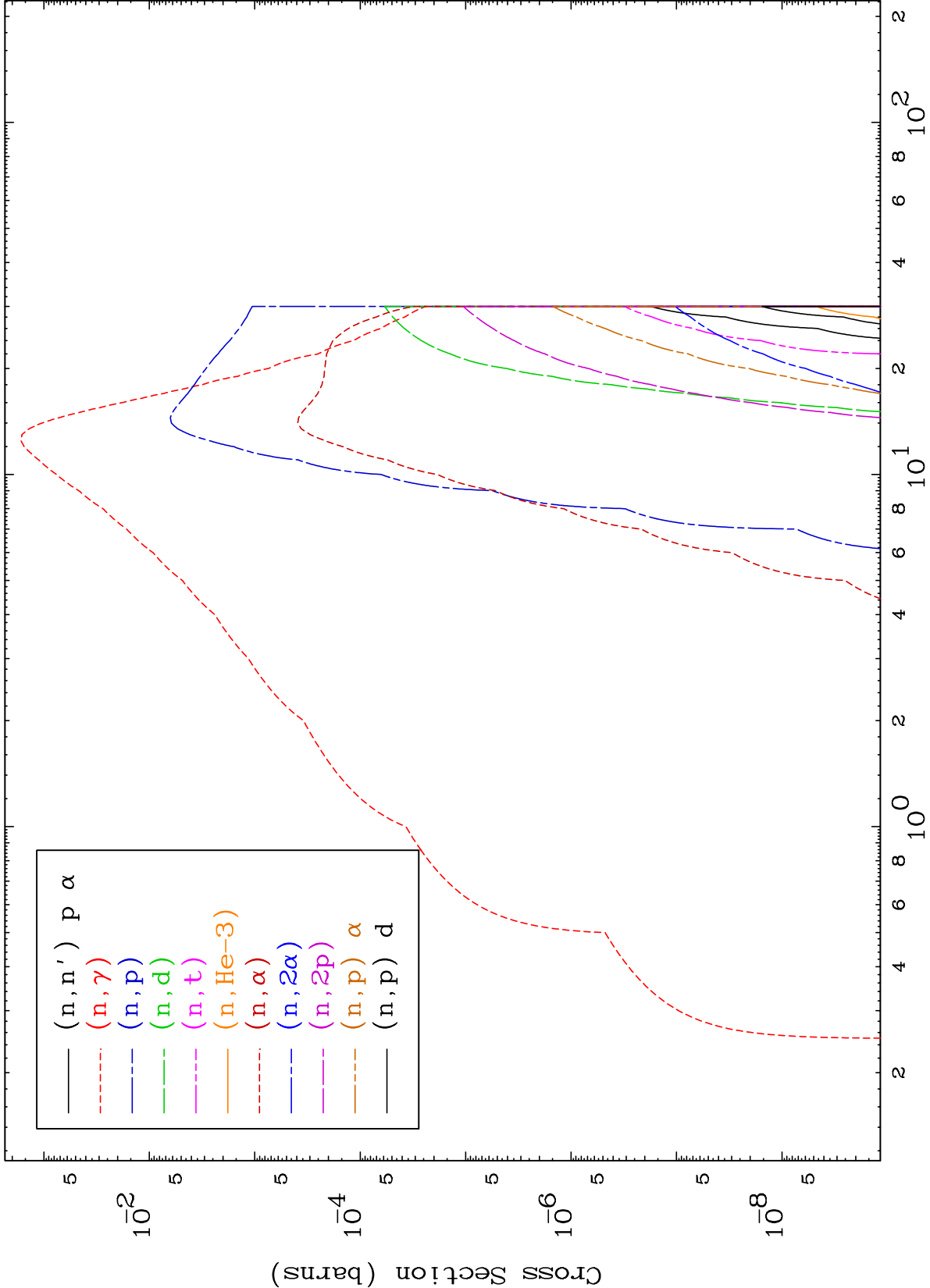


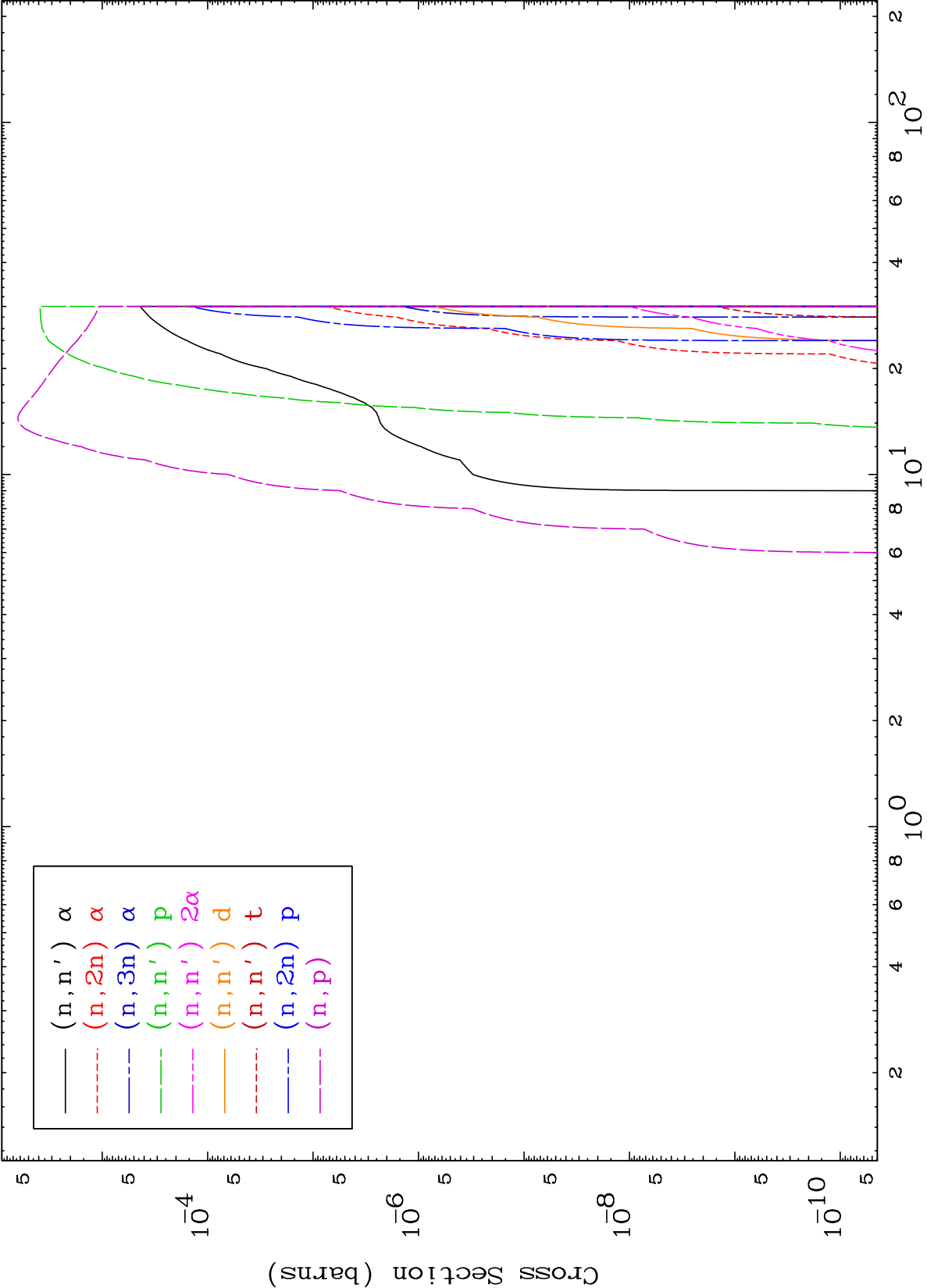
MAT 8193

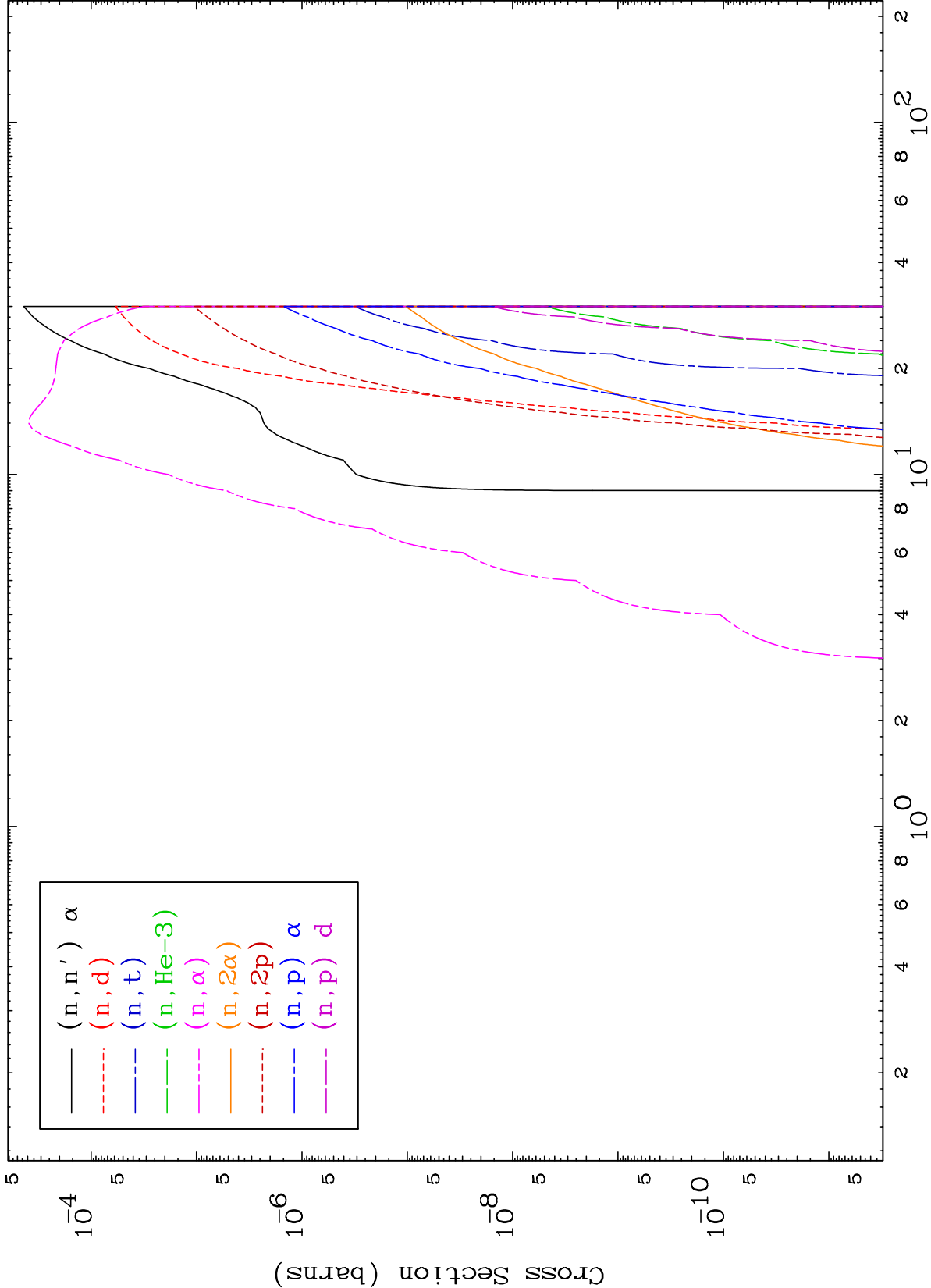
Photon Neutron Absorption
0 Kelvin Cross Sections

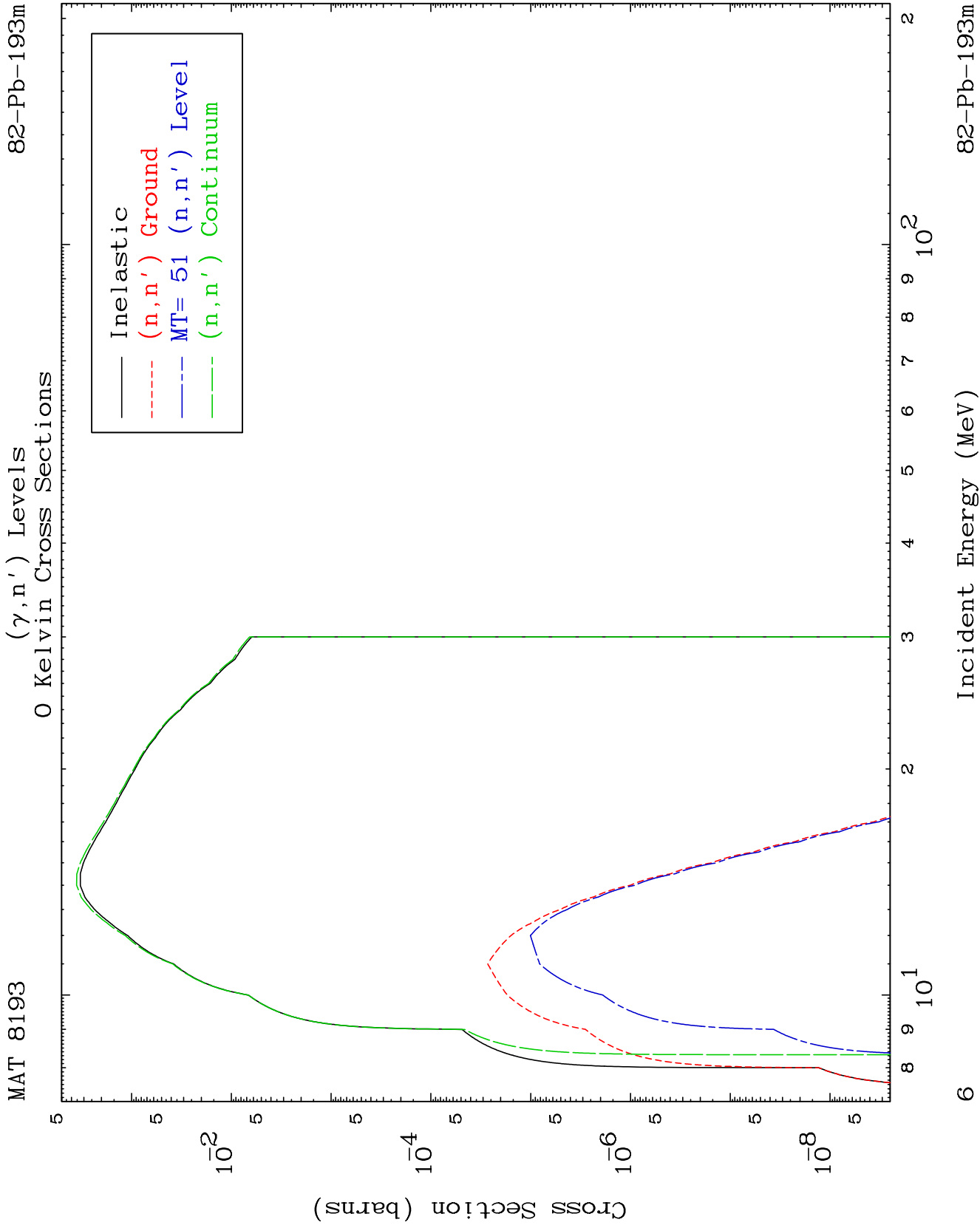
82-Pb-193m







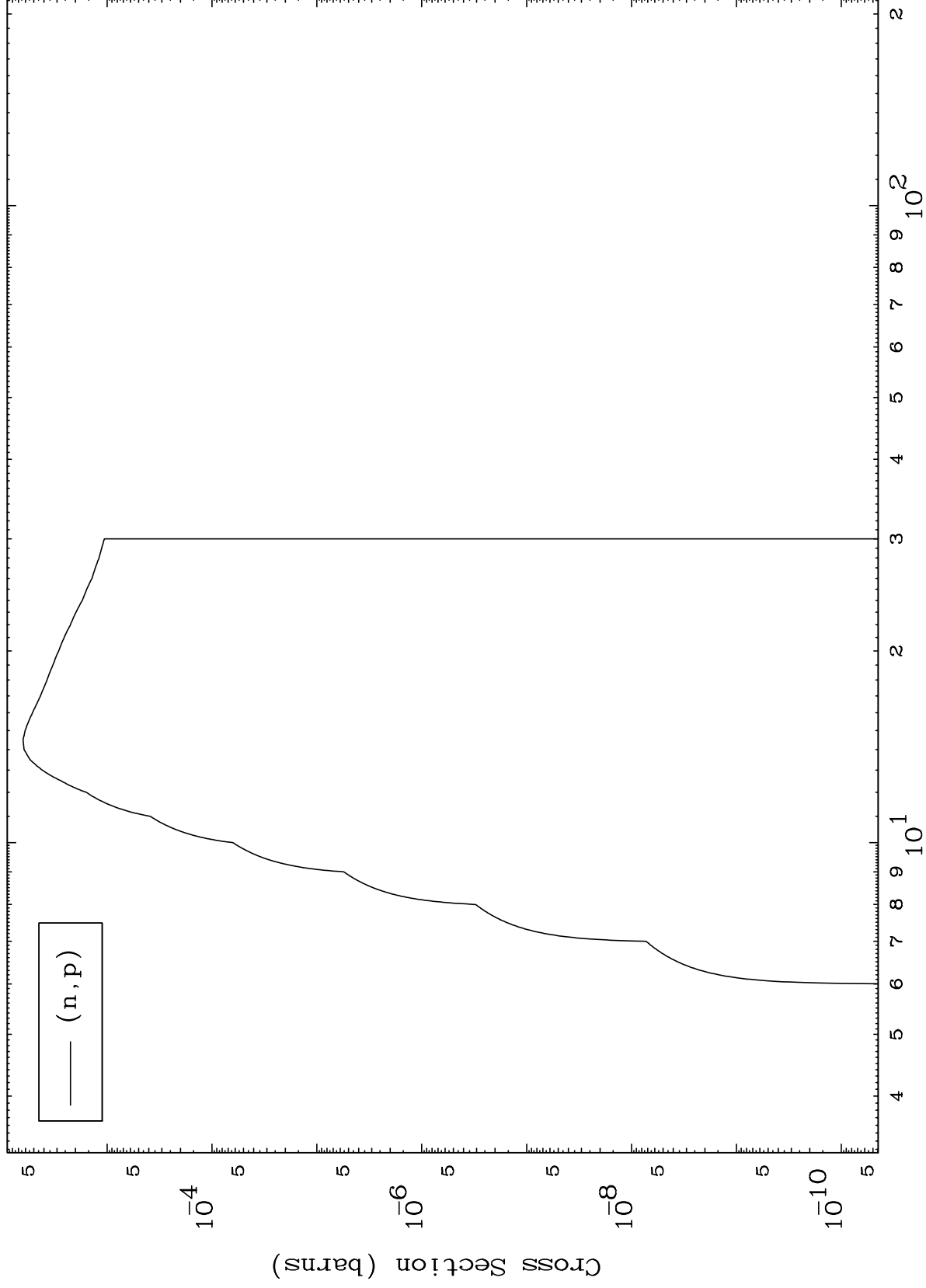




MAT 8193

82-Pb-193m

(γ, p) Levels
0 Kelvin Cross Sections



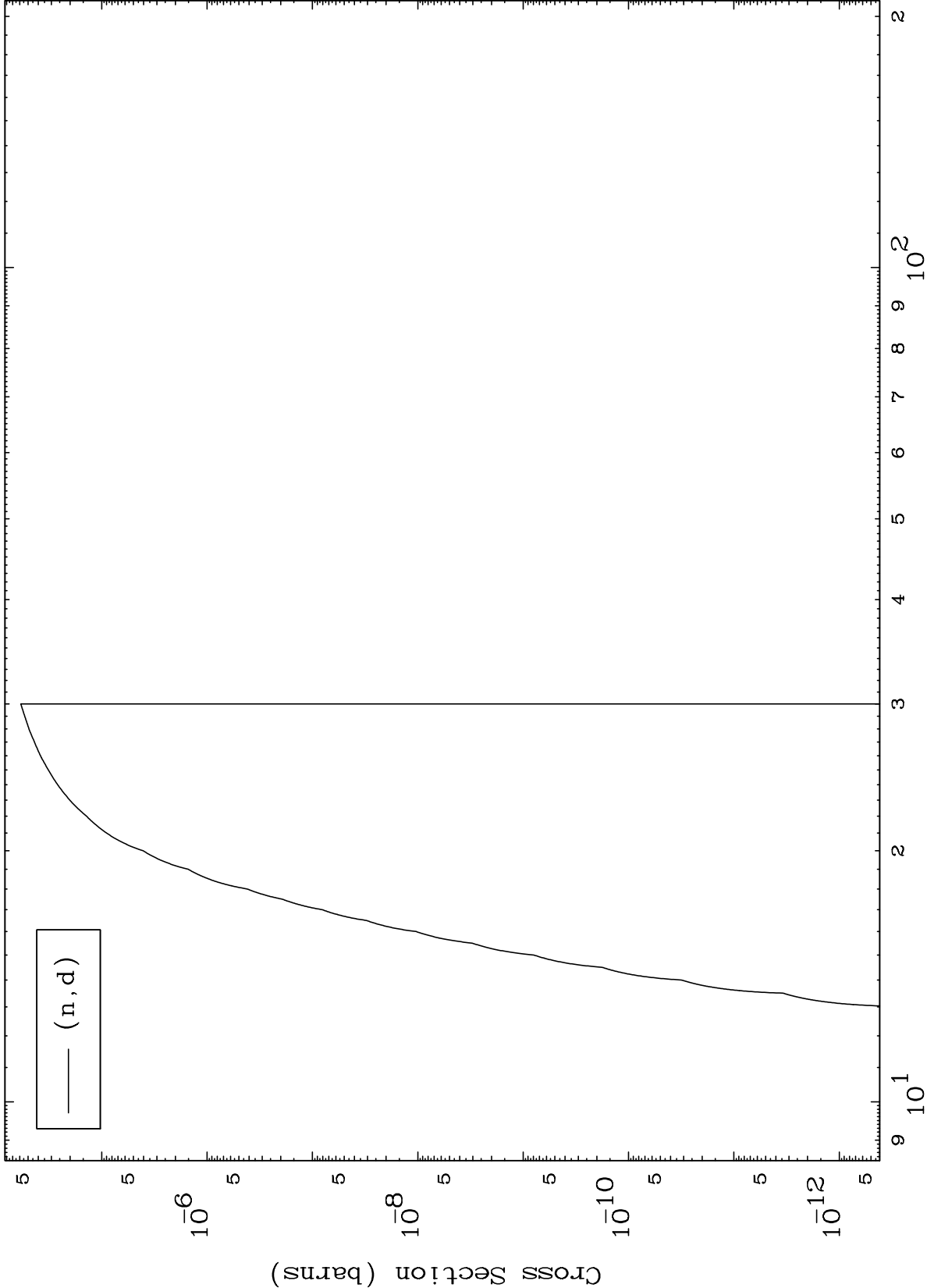
82-Pb-193m

Incident Energy (MeV)

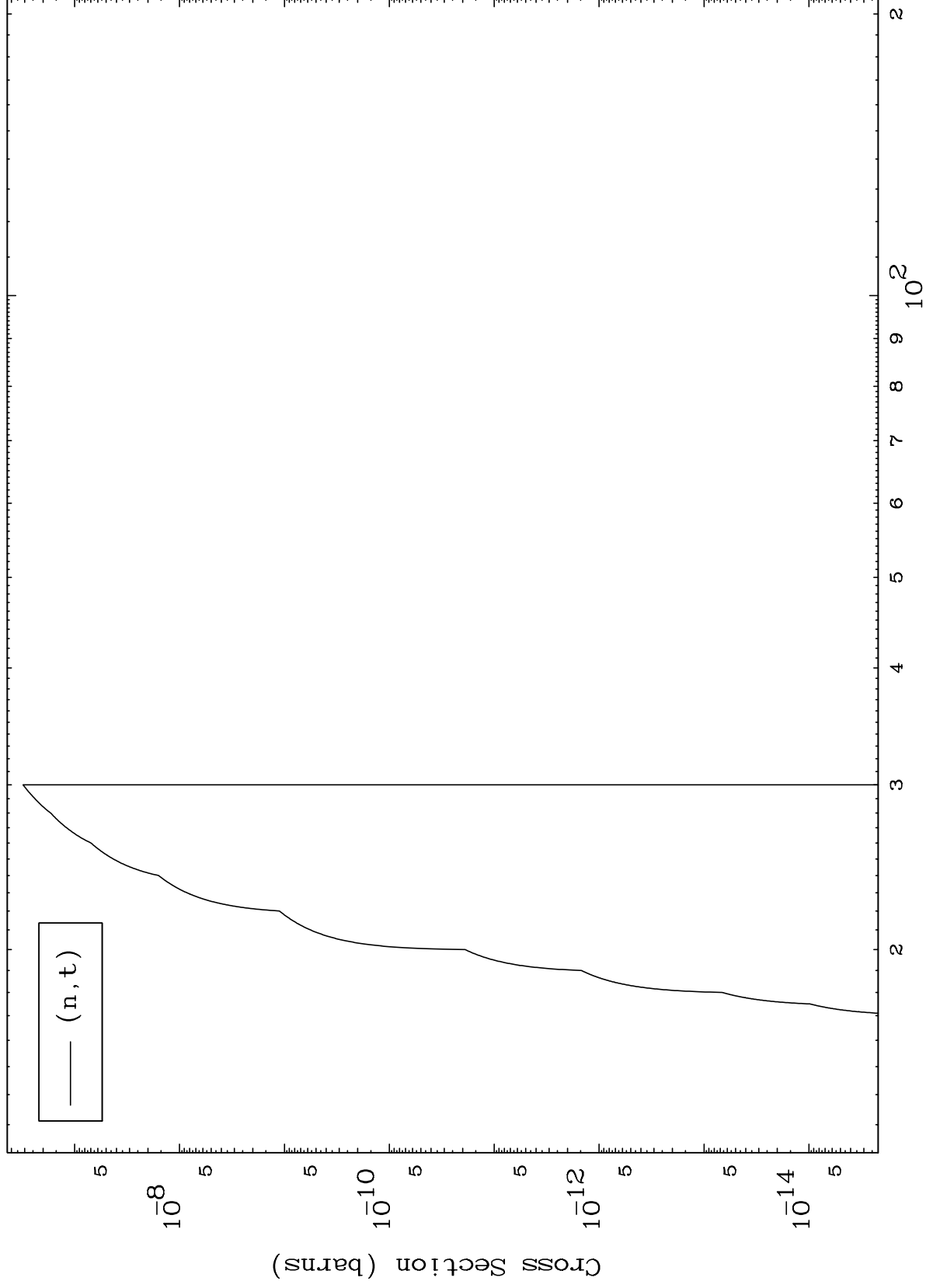
MAT 8193

(γ, d) Levels
0 Kelvin Cross Sections

82-Pb-193m



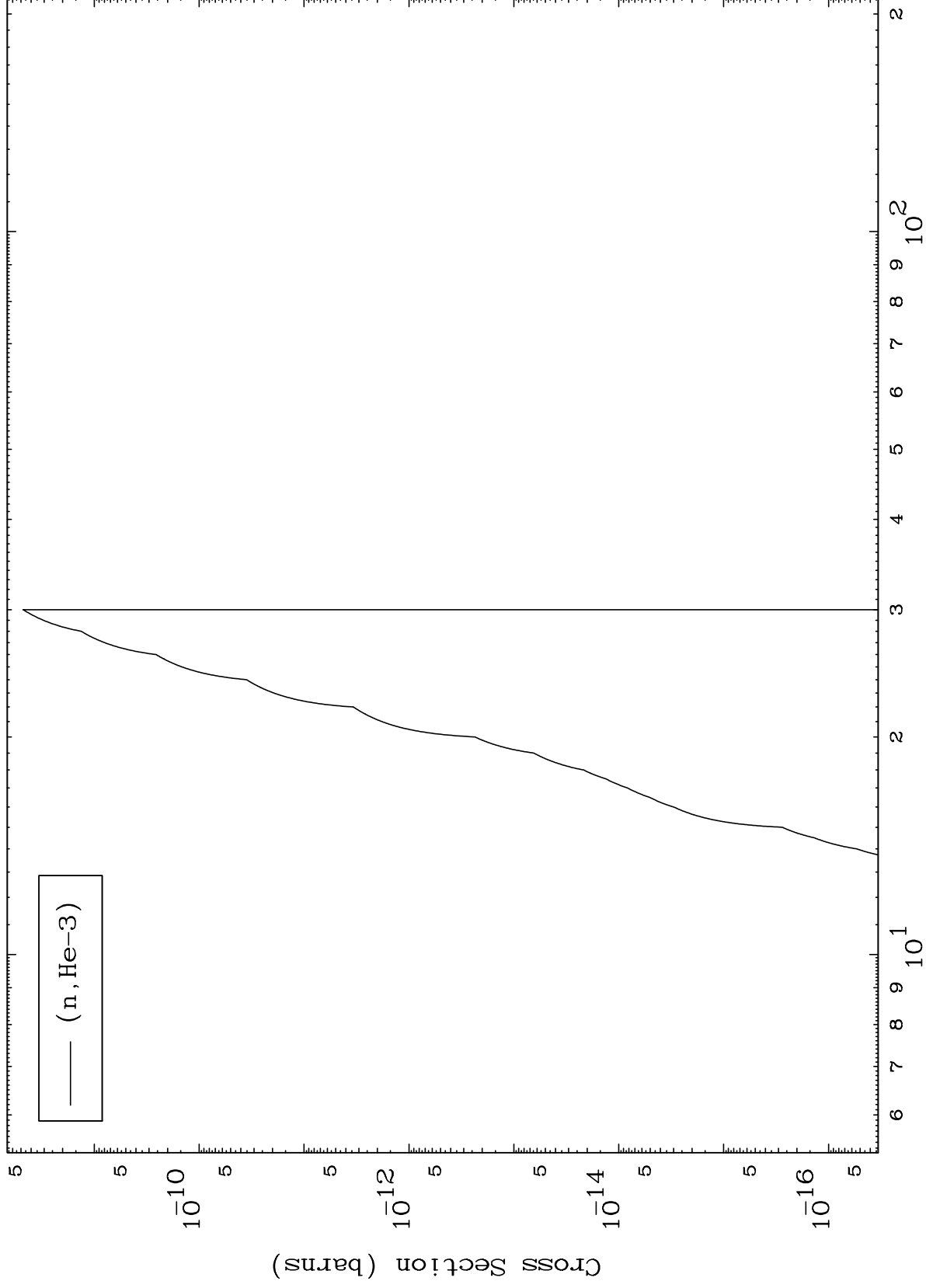
(γ, t) Levels
0 Kelvin Cross Sections



MAT 8193

82-Pb-193m

(γ ,He3) Levels
0 Kelvin Cross Sections

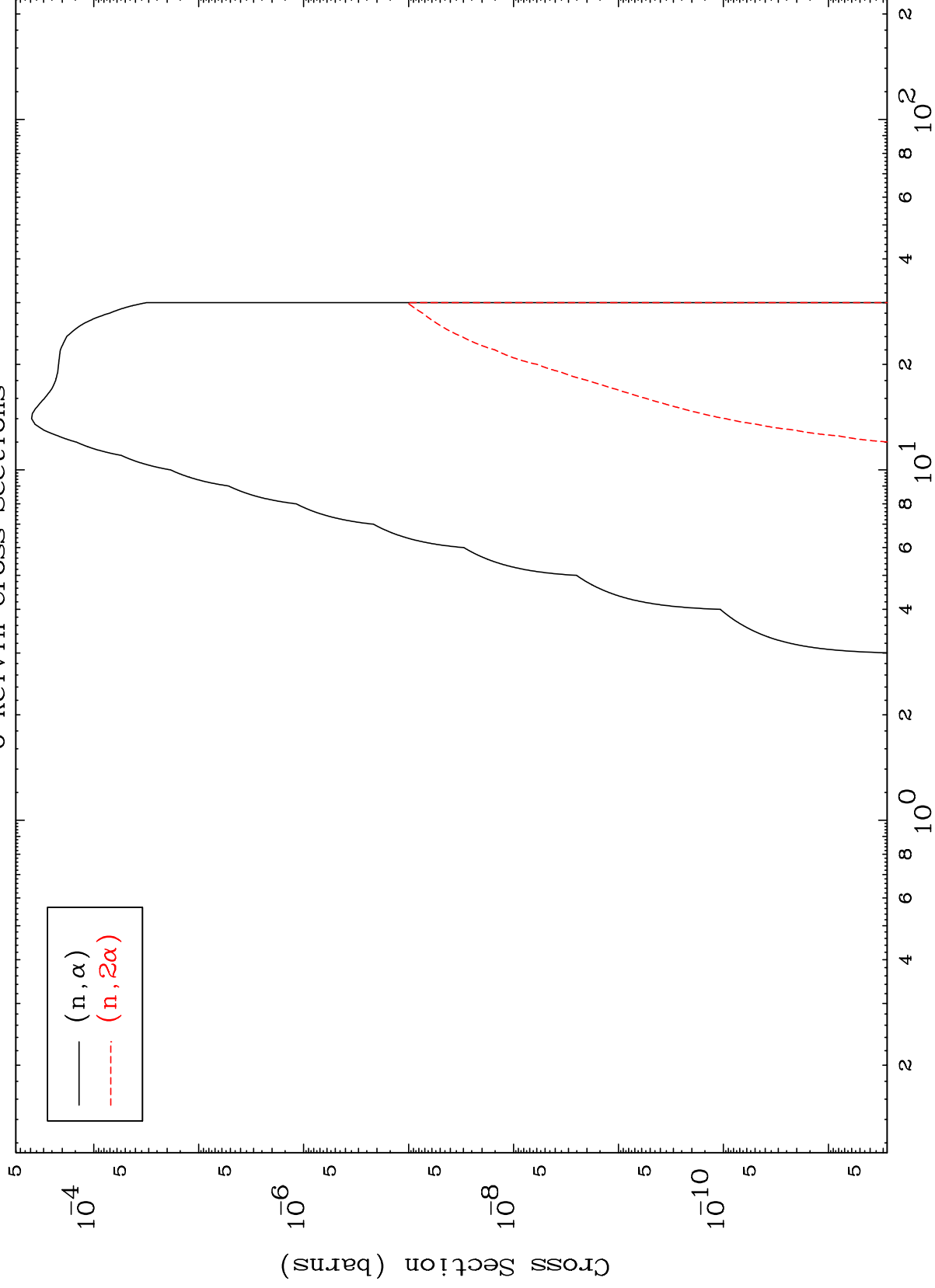


82-Pb-193m

Incident Energy (MeV)

10

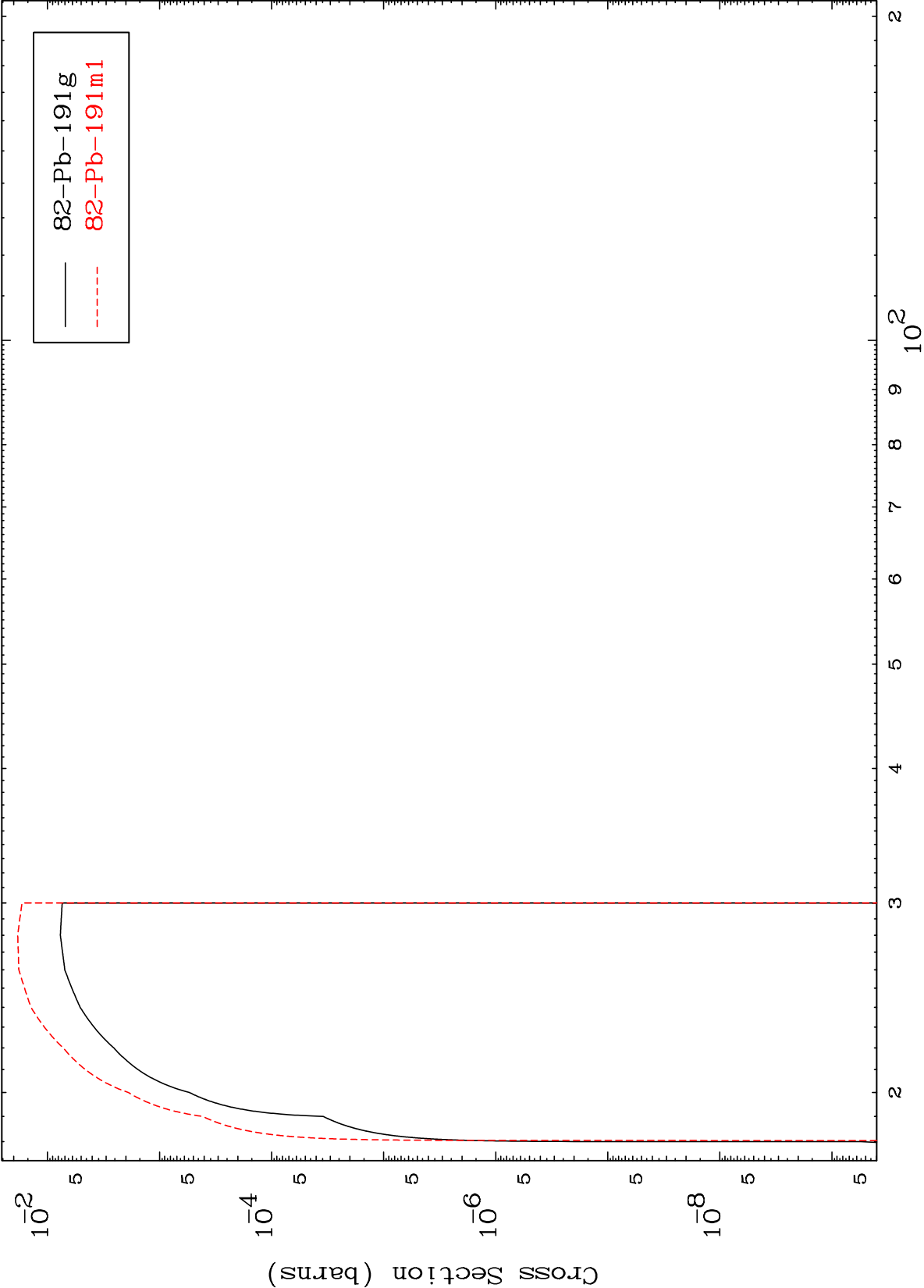
0 Kelvin Cross Sections



MAT 8193

82-Pb-193m

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

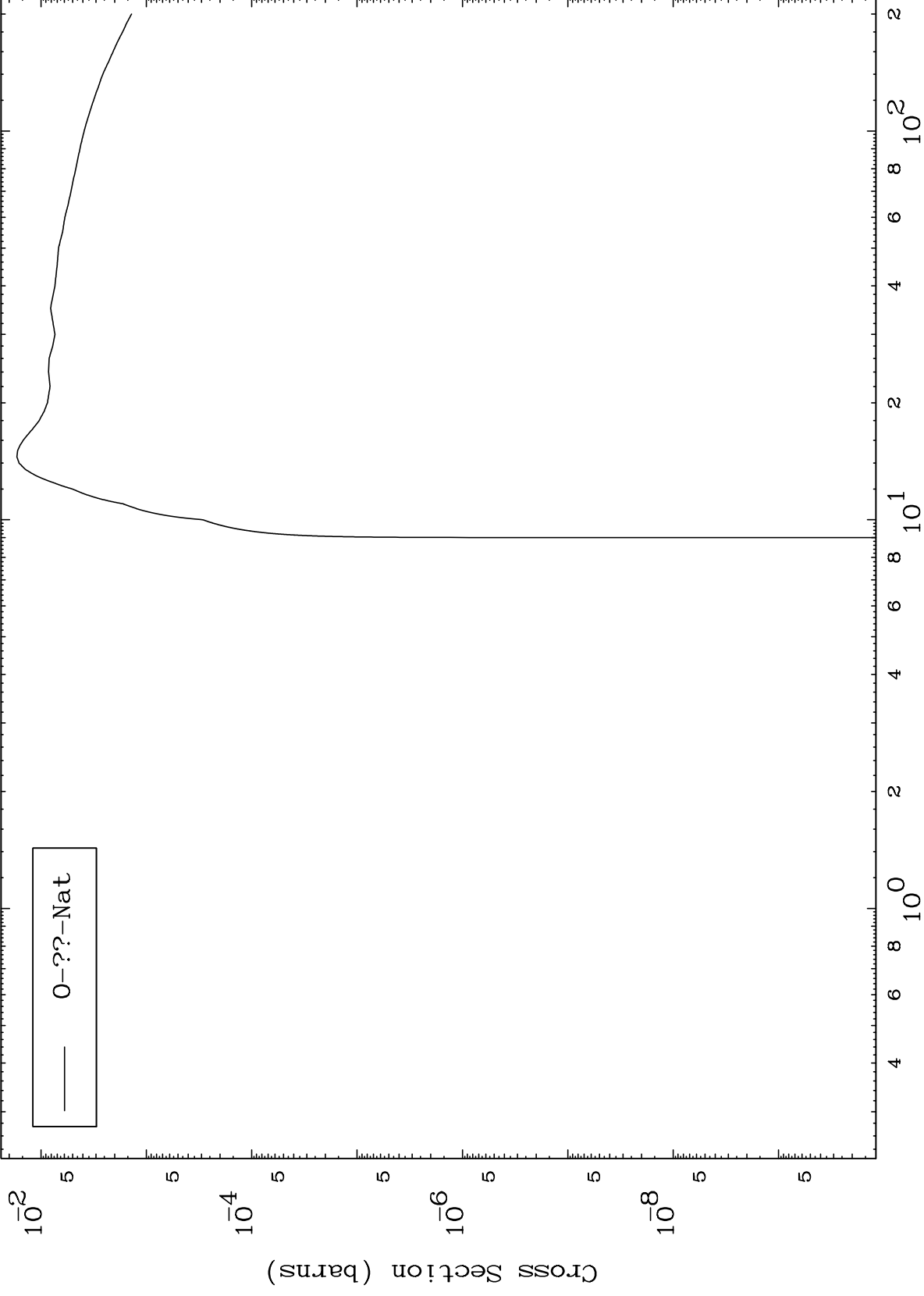
82-Pb-193m

MAT 8193

Fission

82-Pb-193m

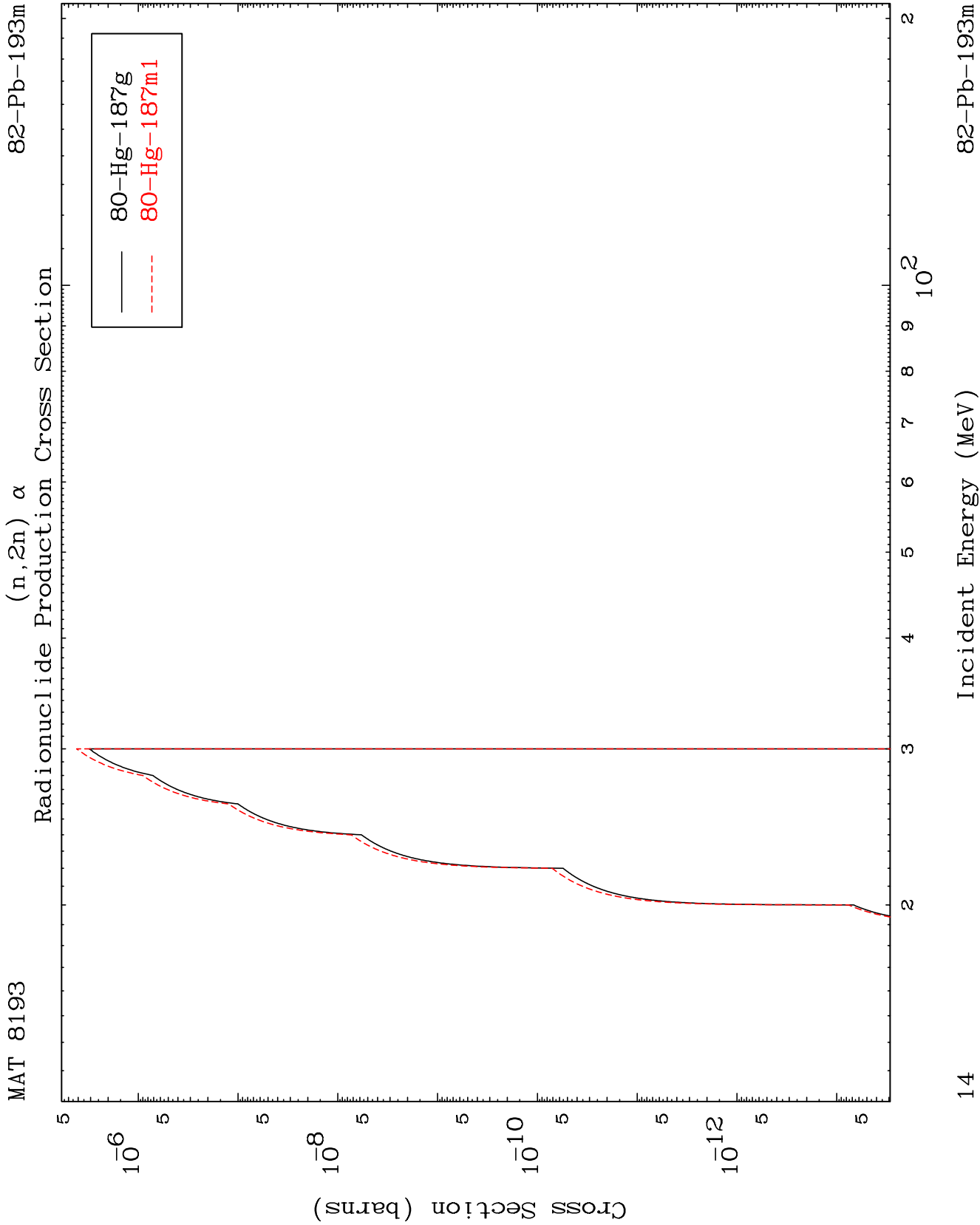
Radionuclide Production Cross Section



13

Incident Energy (MeV)

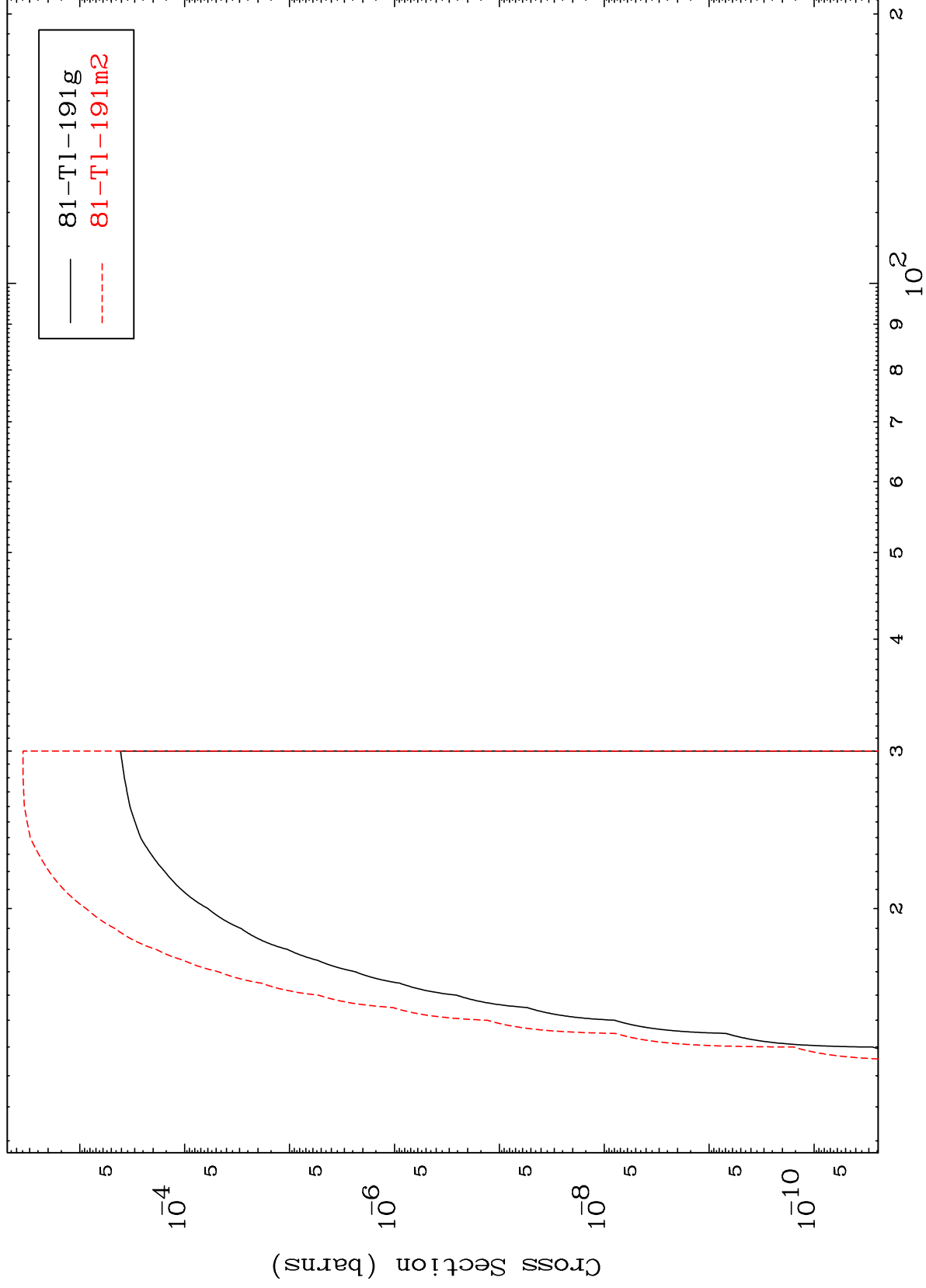
82-Pb-193m



MAT 8193

82-Pb-193m

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

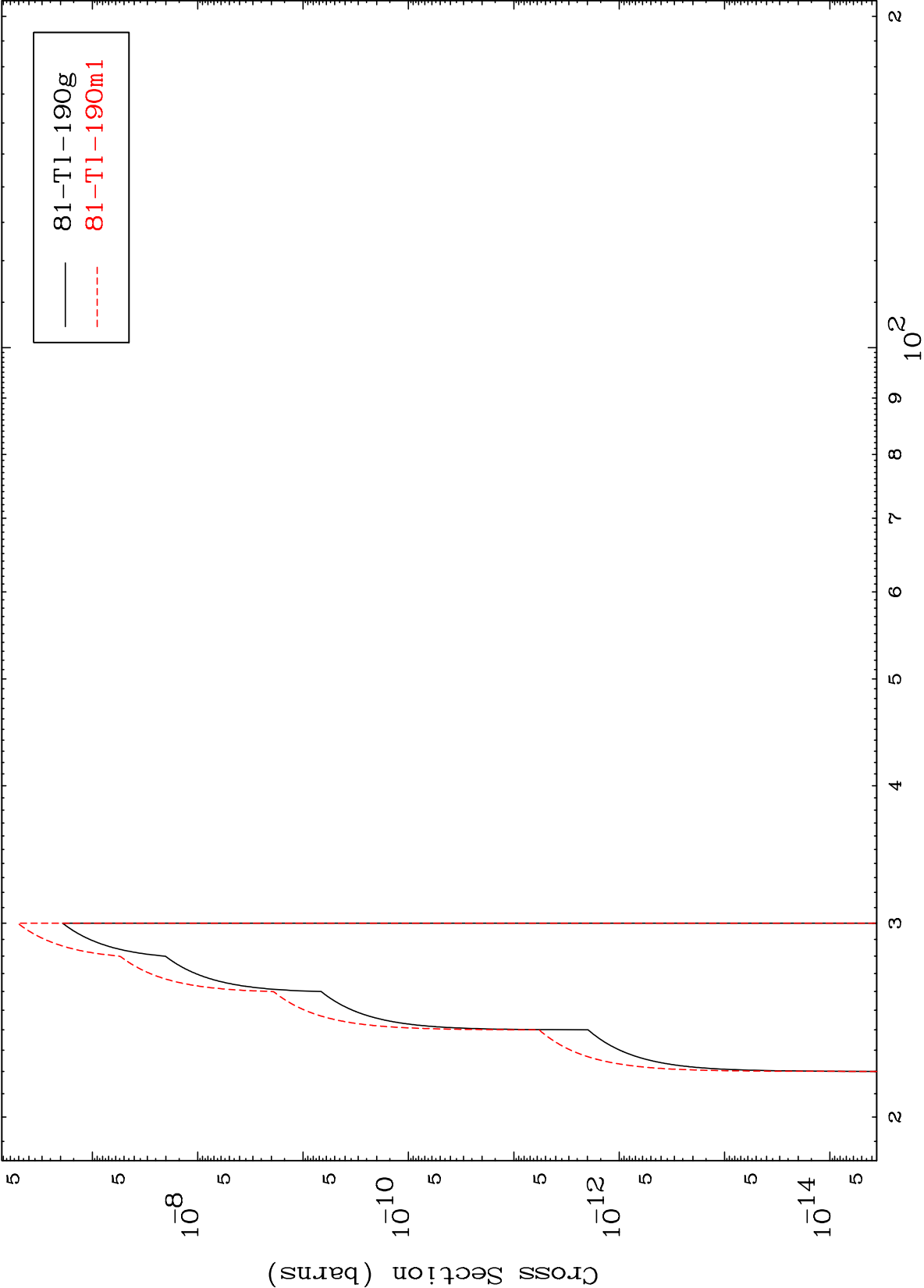
82-Pb-193m

15

MAT 8193

82-Pb-193m

(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

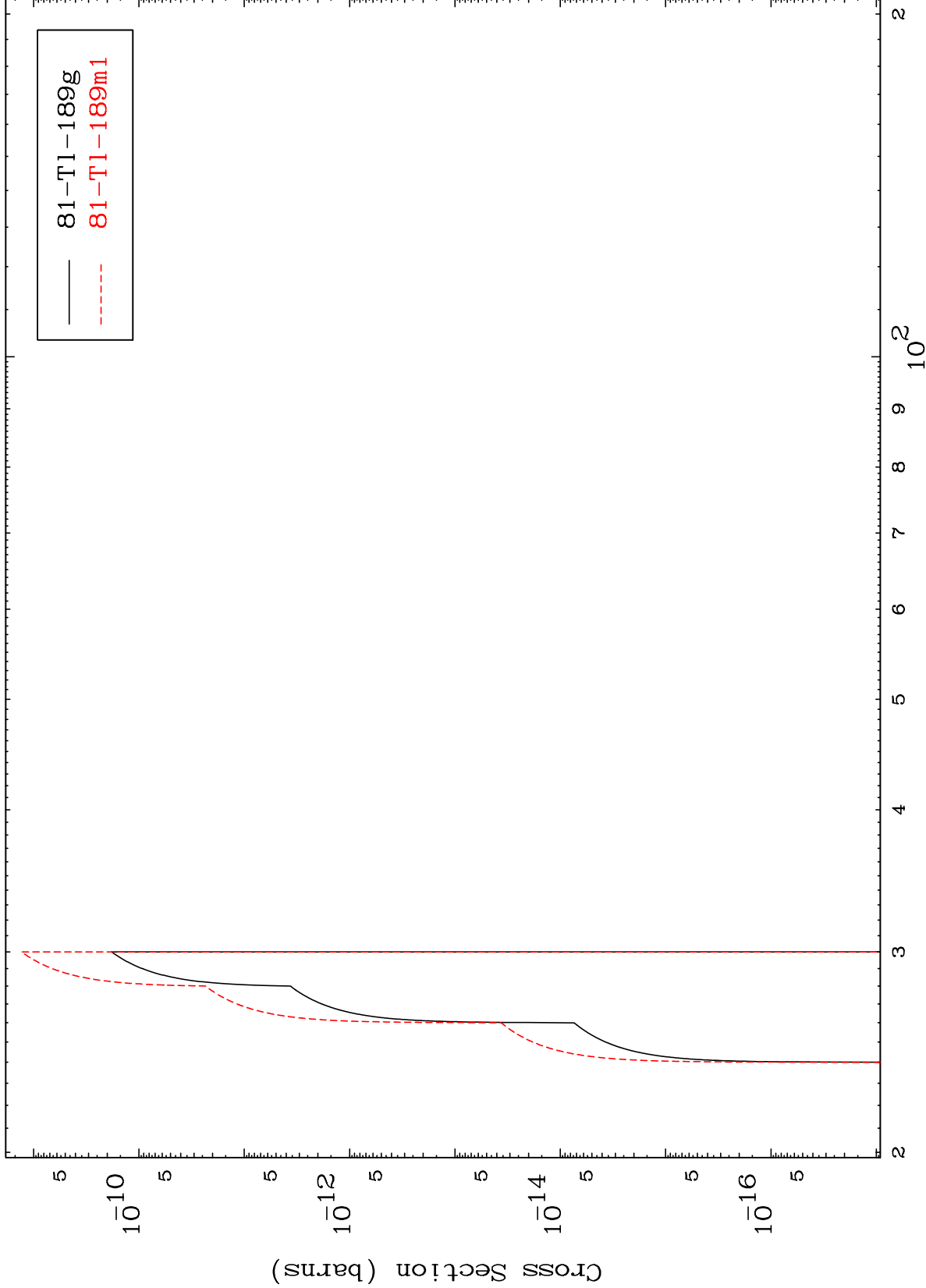
82-Pb-193m

MAT 8193

(n,n') t

82-Pb-193m

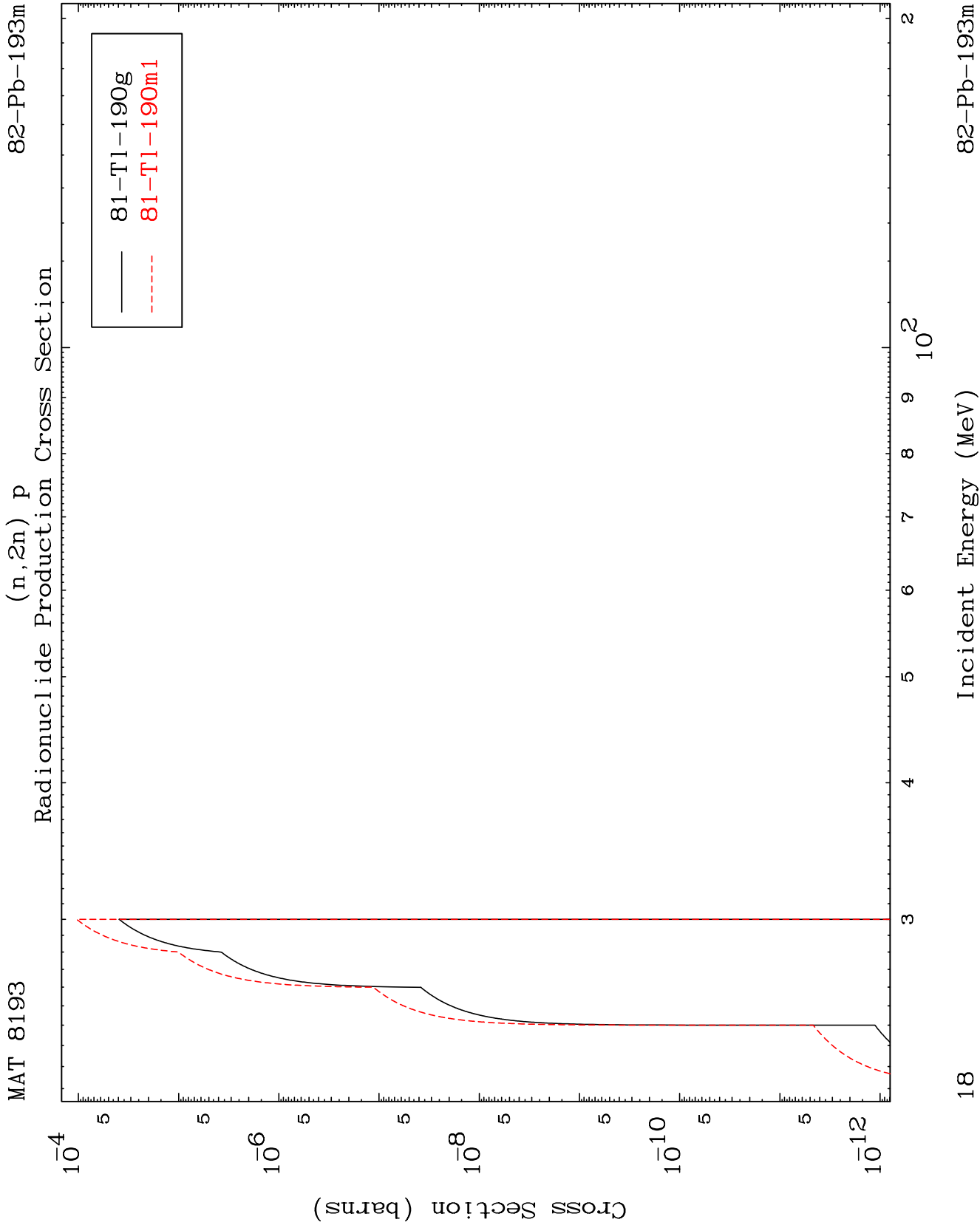
Radionuclide Production Cross Section



17

Incident Energy (MeV)

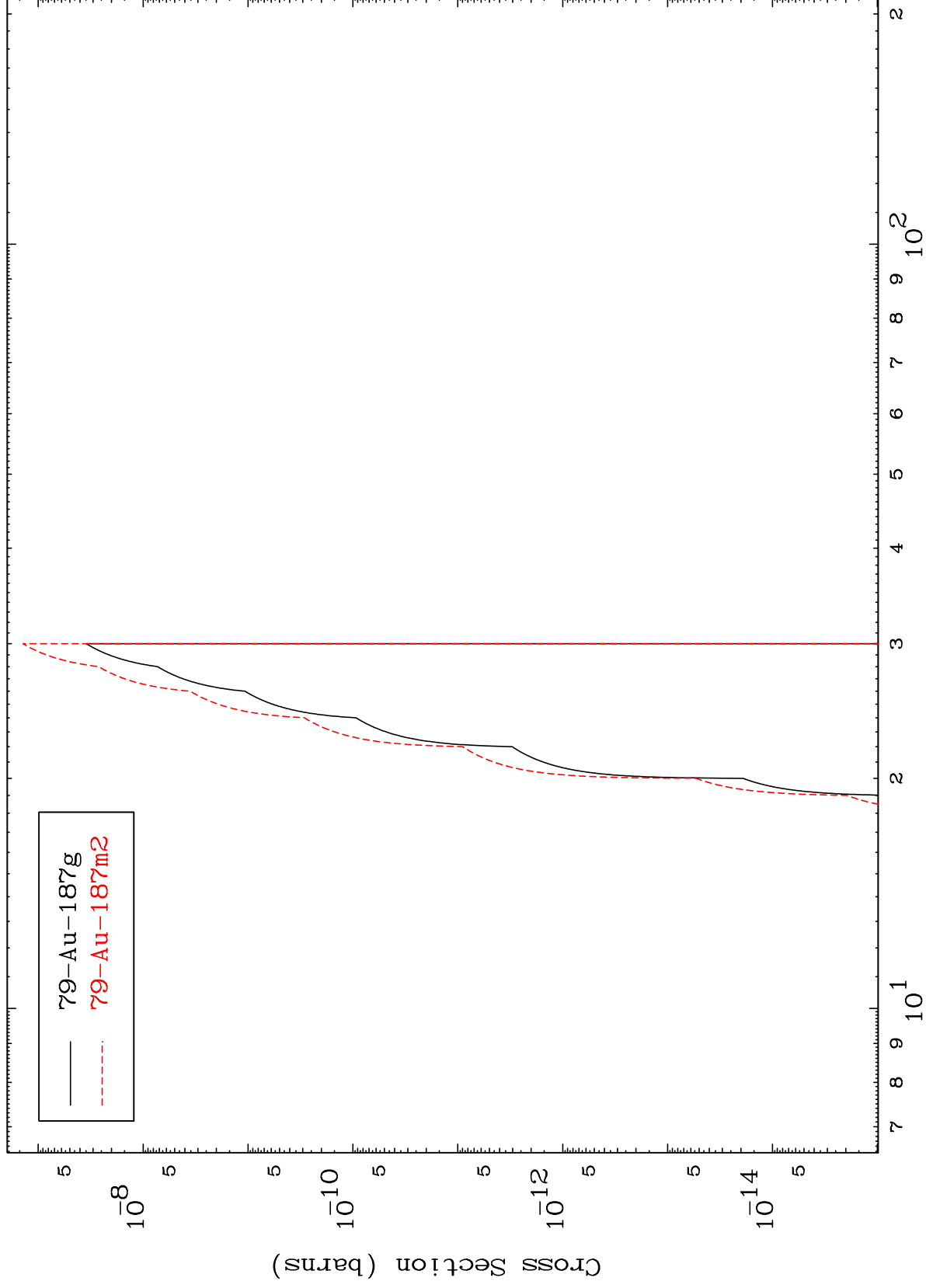
82-Pb-193m



MAT 8193

82-Pb-193m

(n,n') p α
Radionuclide Production Cross Section



82-Pb-193m

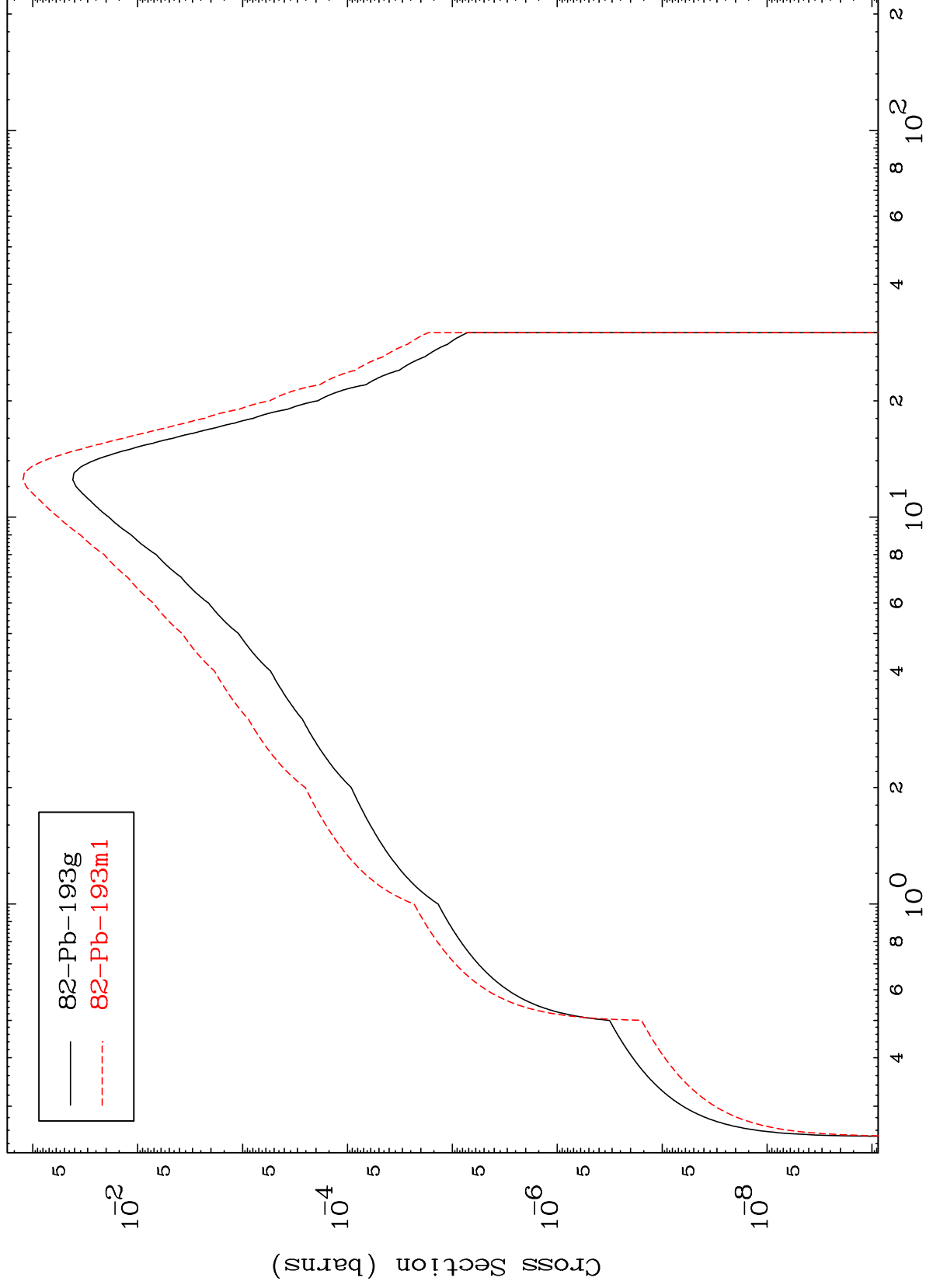
Incident Energy (MeV)

19

MAT 8193

82-Pb-193m

Radionuclide Production Cross Section



20

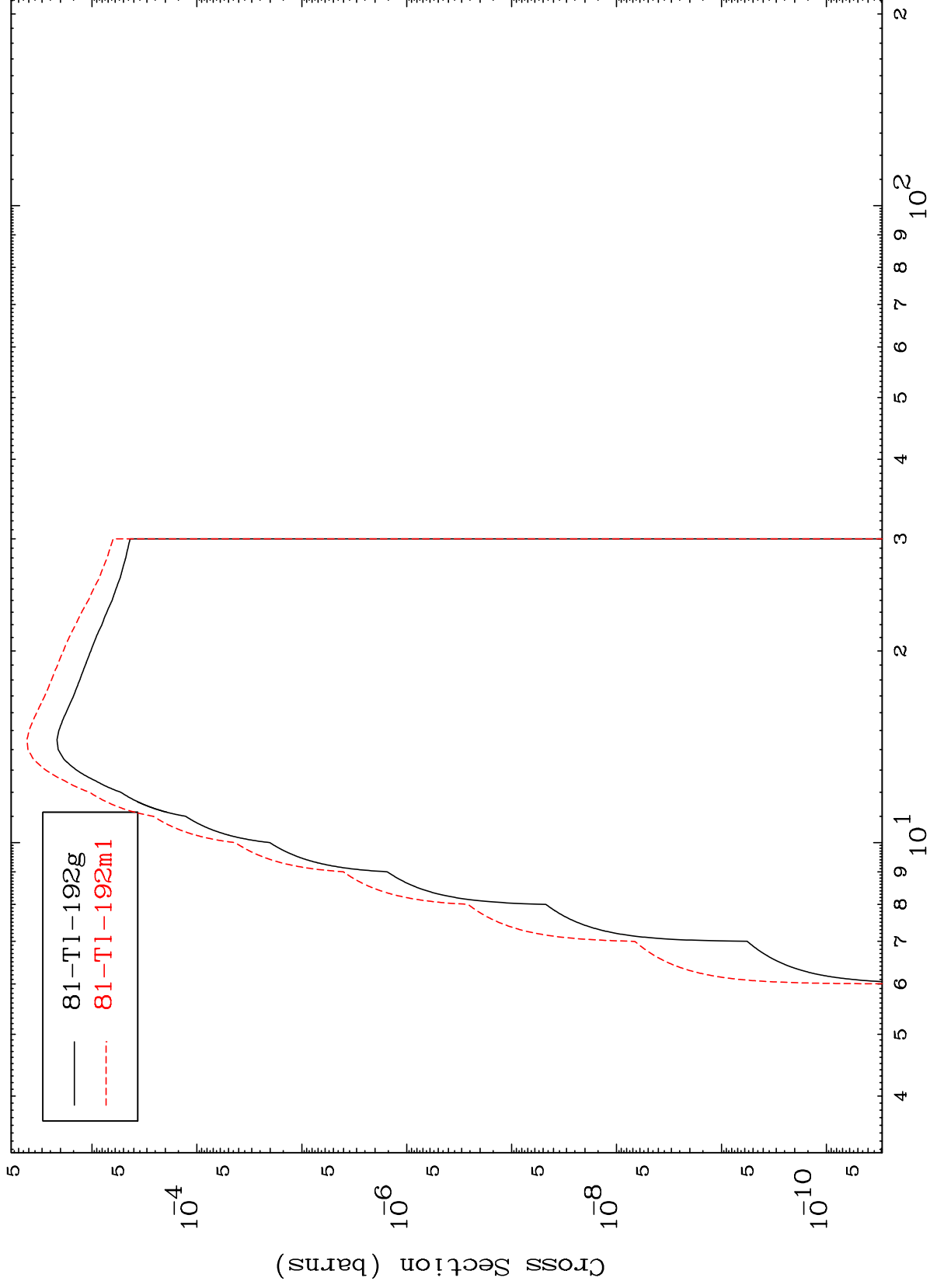
Incident Energy (MeV)

82-Pb-193m

MAT 8193

82-Pb-193m

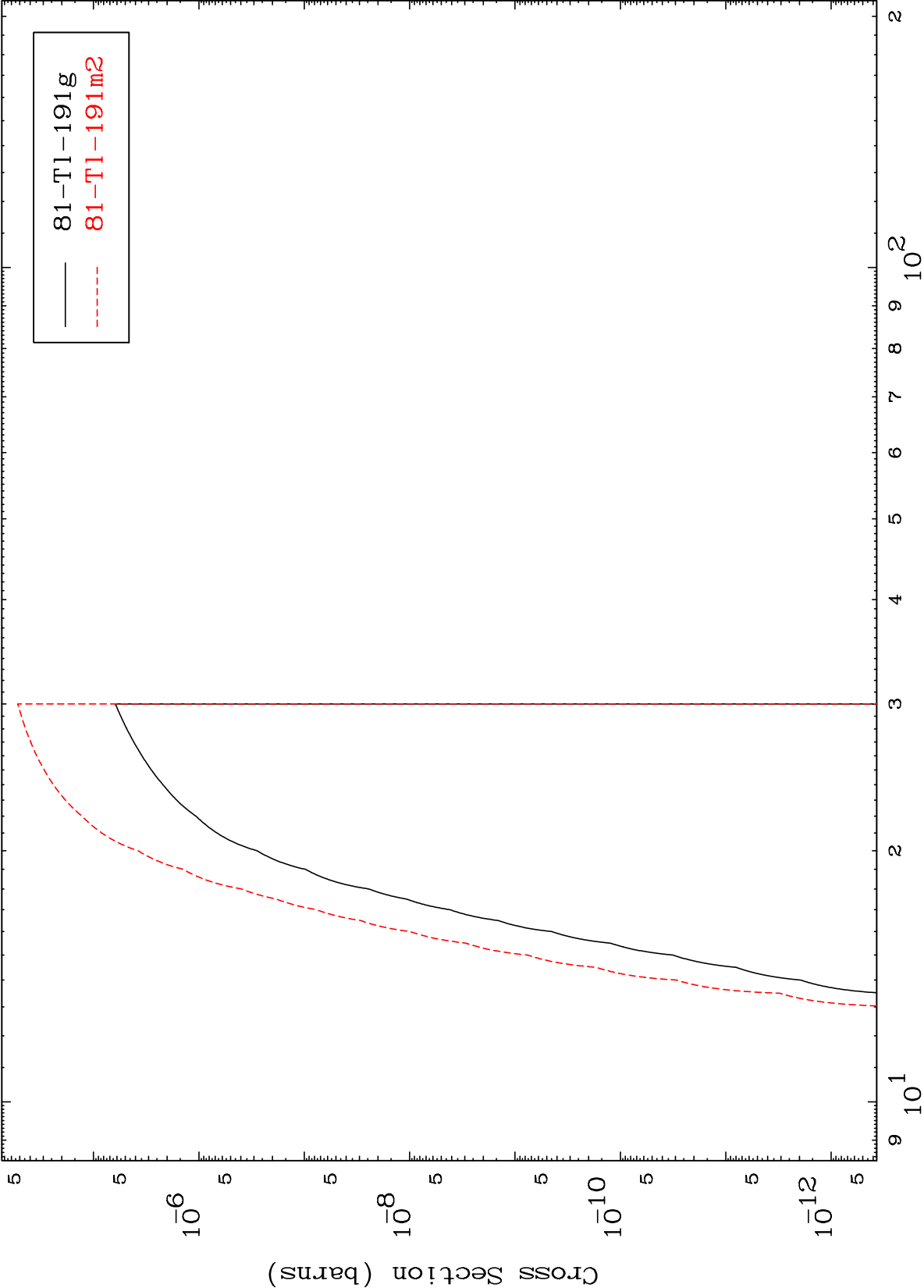
Radionuclide Production Cross Section



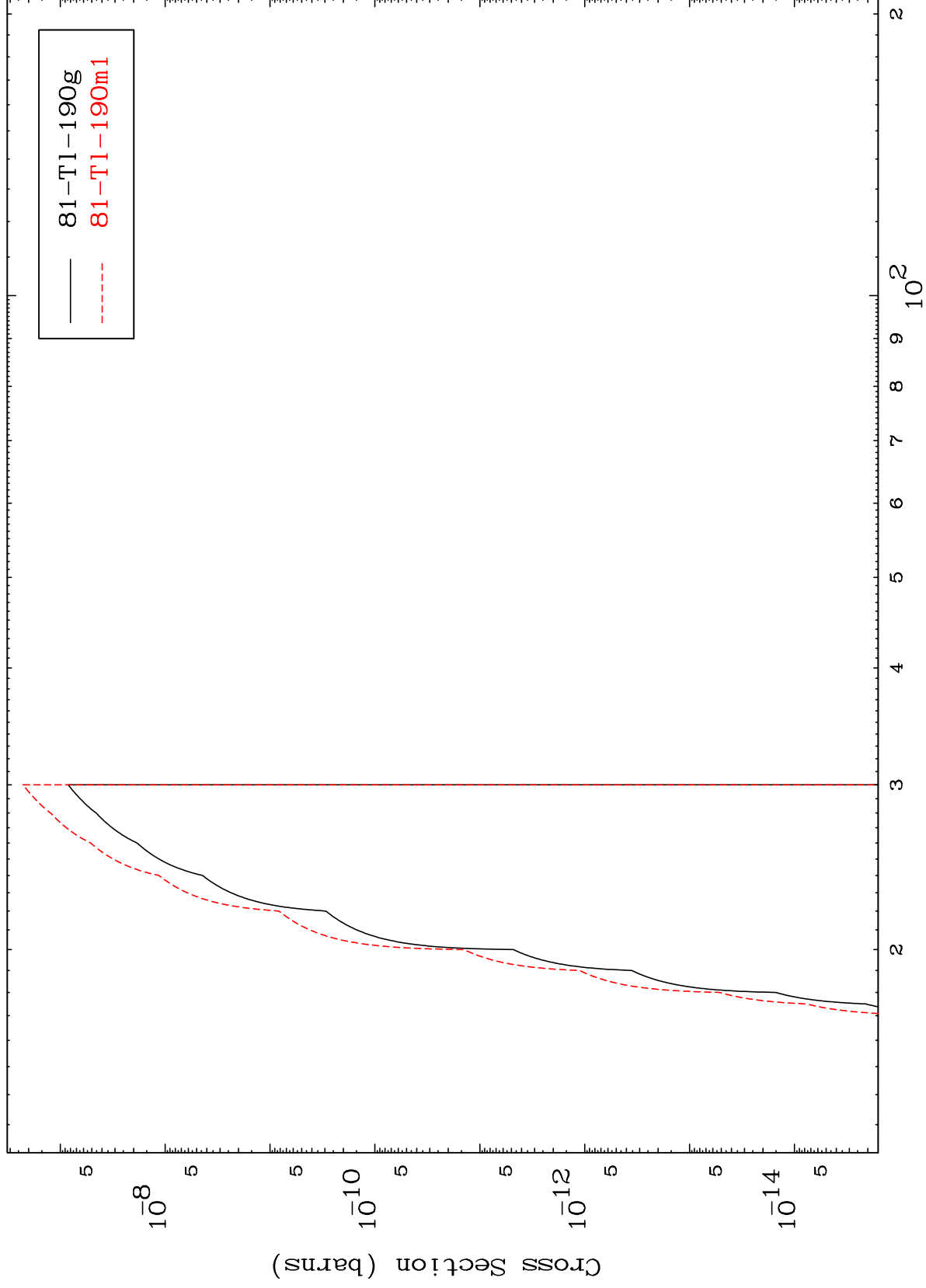
21

82-Pb-193m

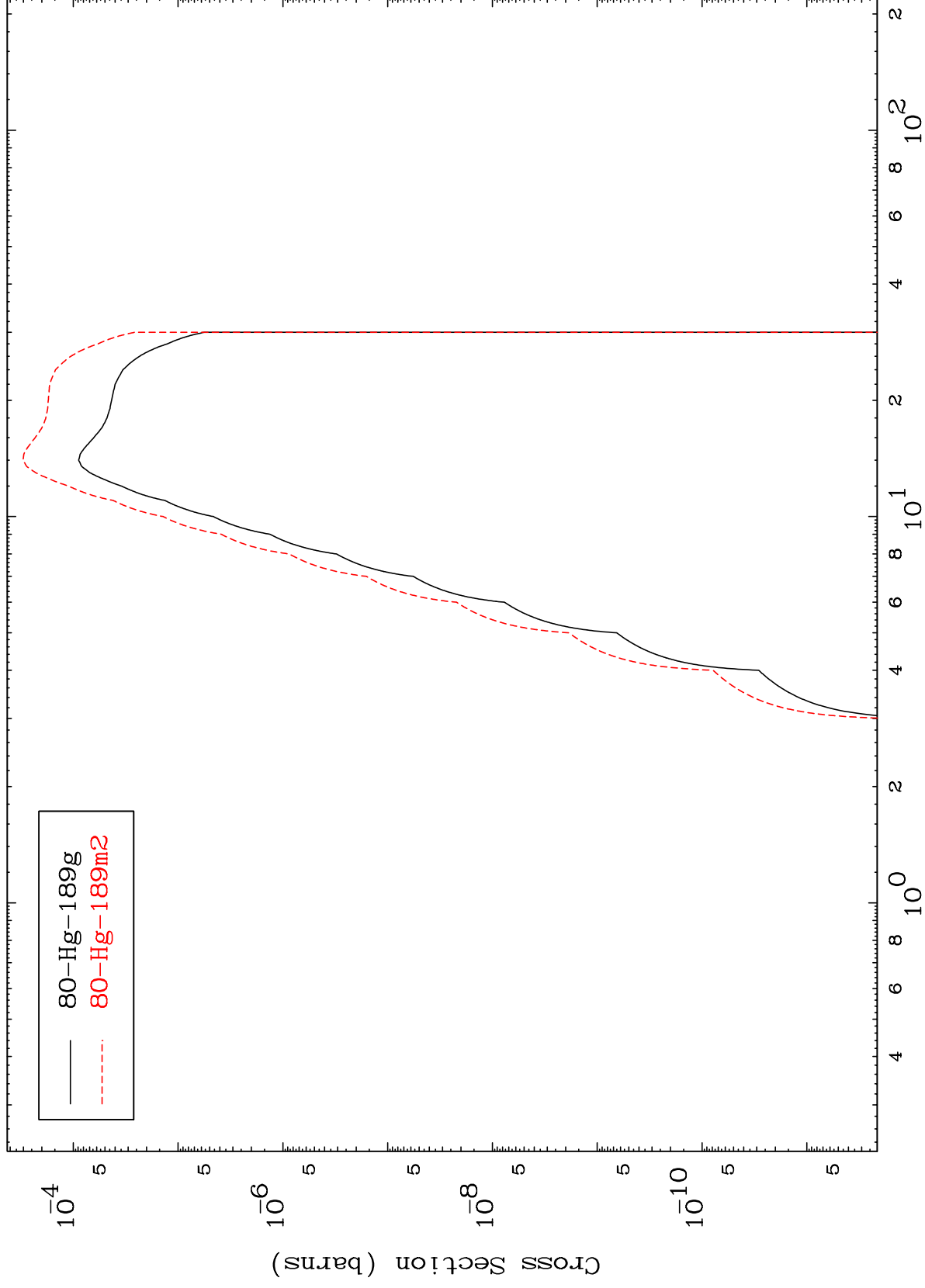
(n,d)
Radionuclide Production Cross Section



(n,t)
Radionuclide Production Cross Section



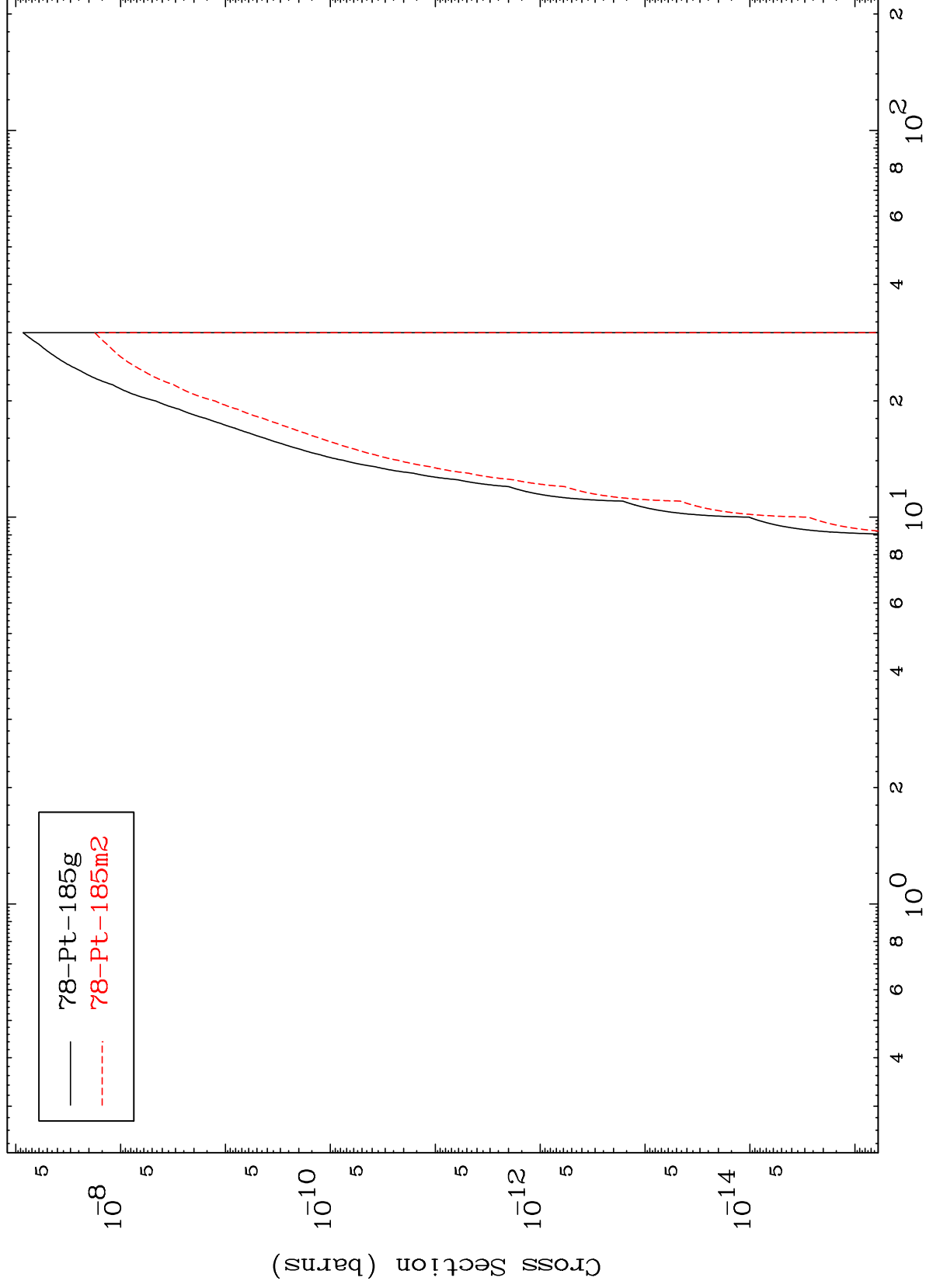
Radionuclide Production Cross Section (n, α)



MAT 8193

82-Pb-193m

Radionuclide Production Cross Section
(n,2 α)



25

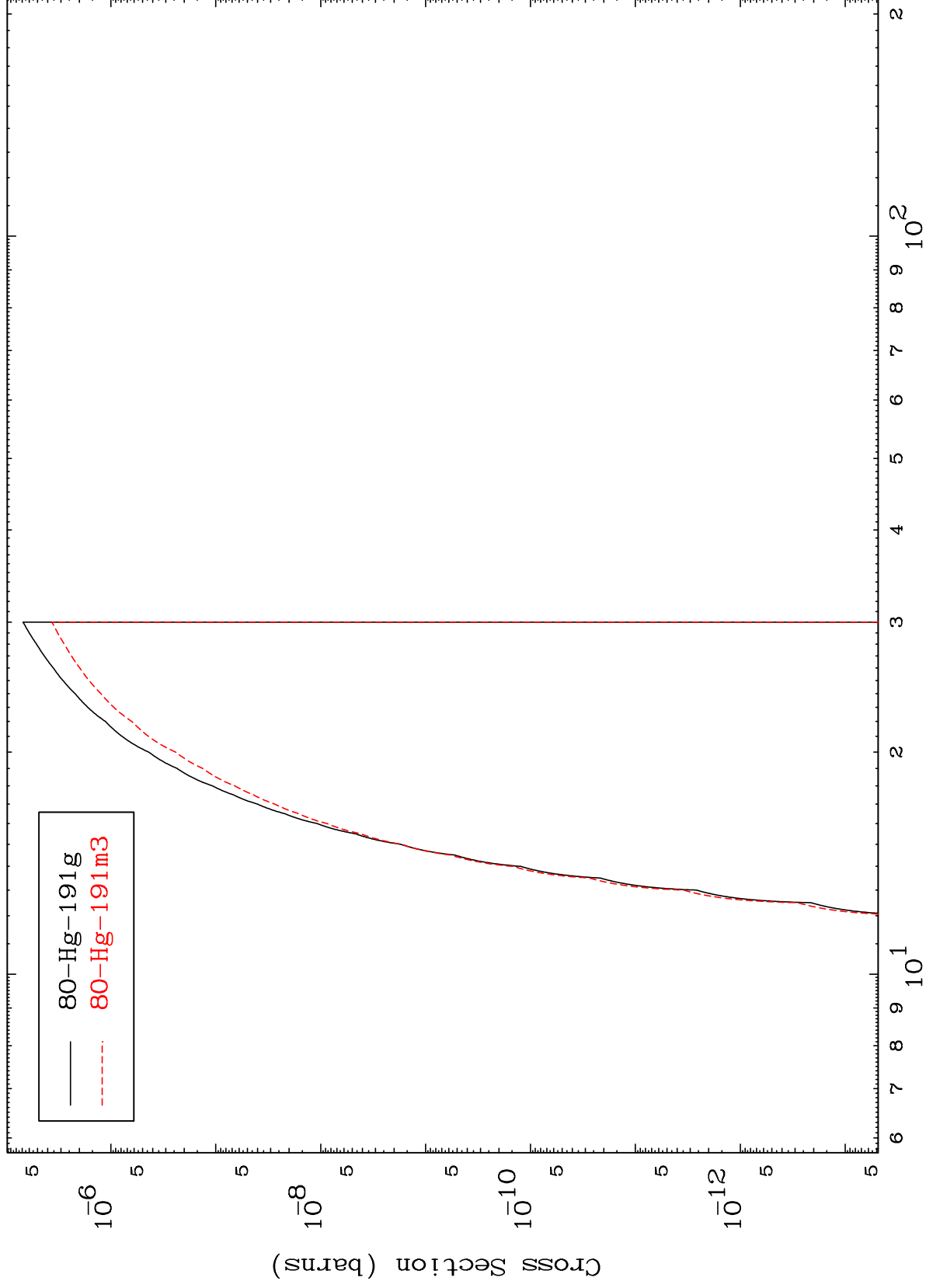
Incident Energy (MeV)

82-Pb-193m

MAT 8193

82-Pb-193m

(n,2p)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

82-Pb-193m