

Program EVALPLOT
(Version 2021-1)

by

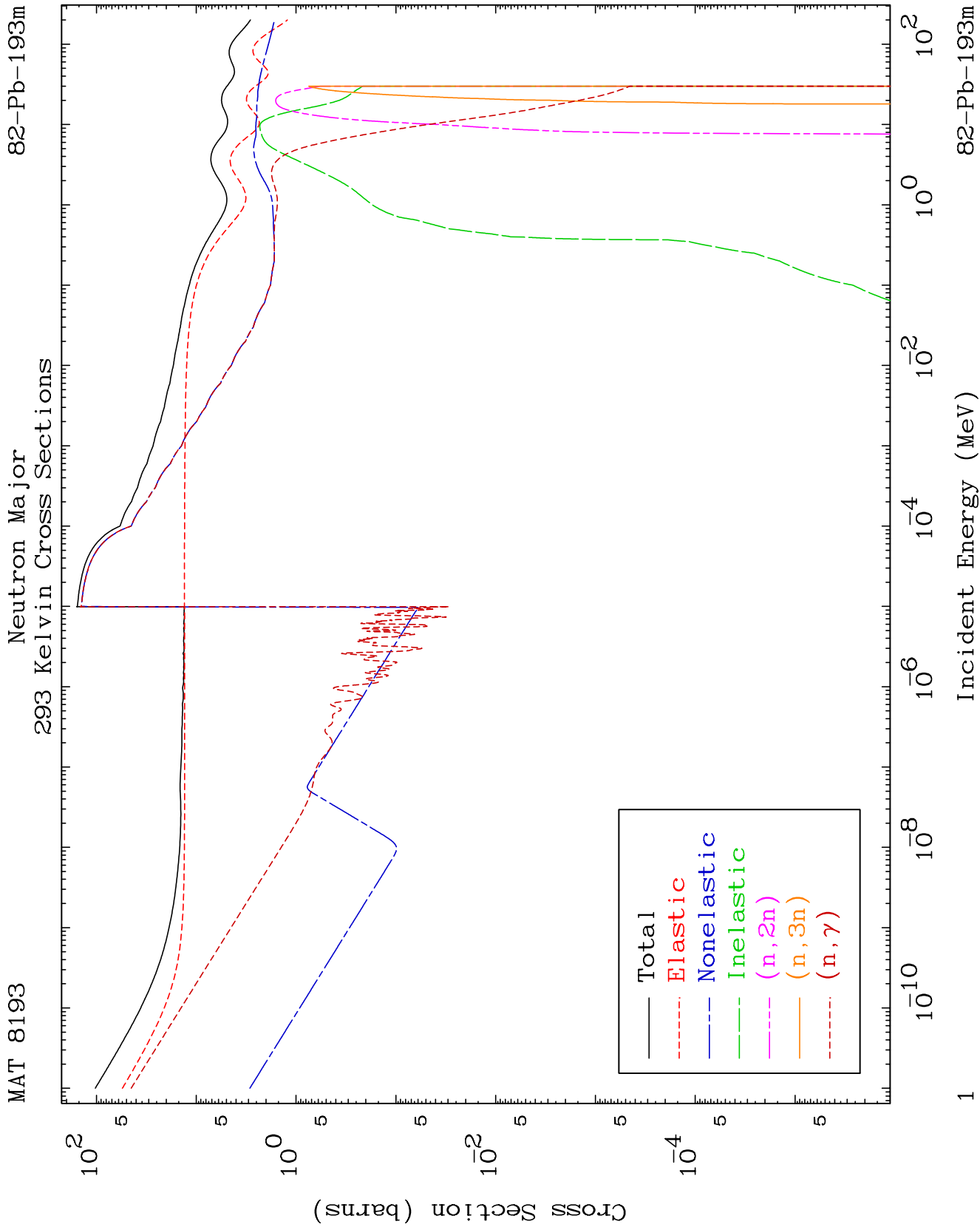
Dermott E. Cullen
(Present Contact Information)

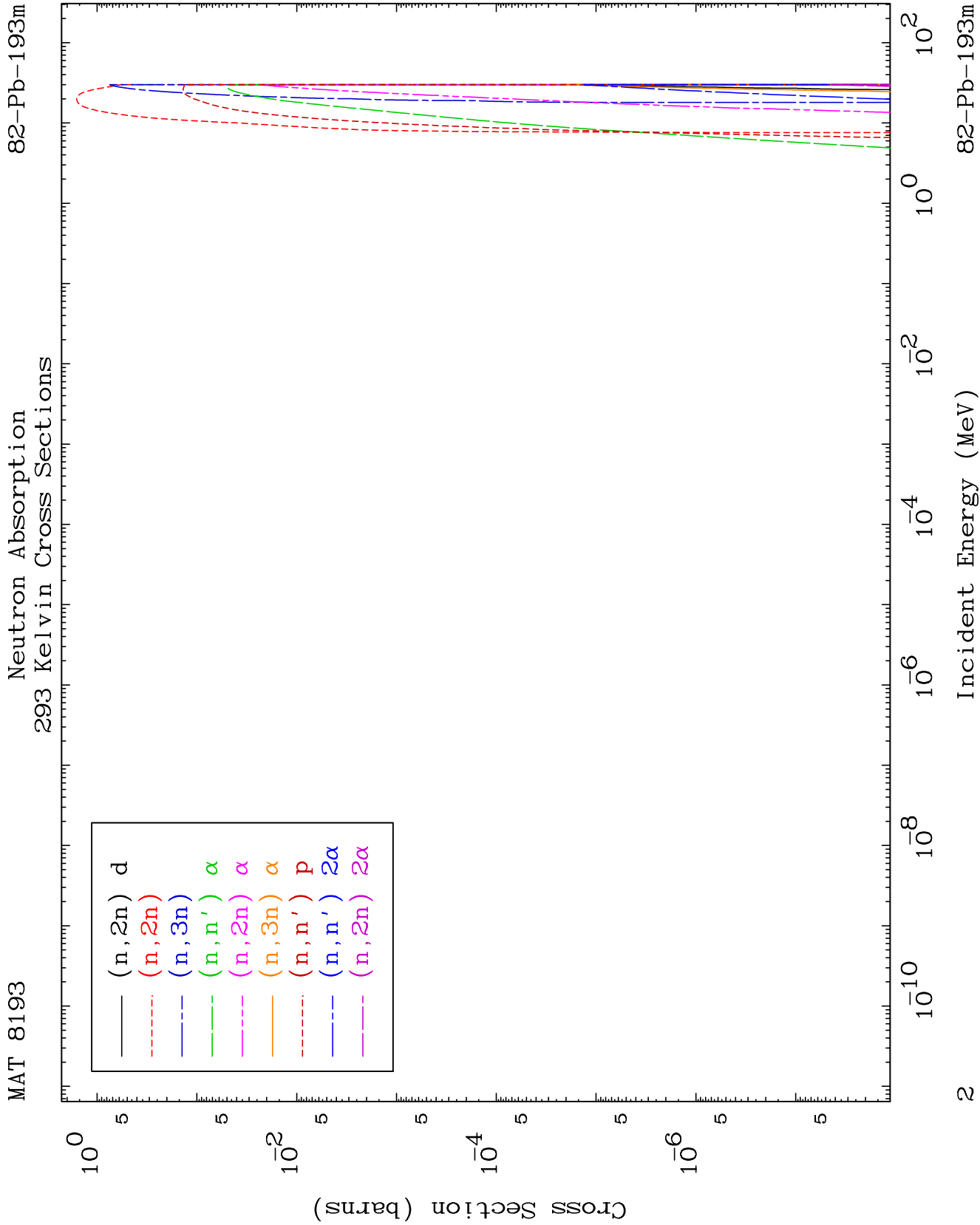
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

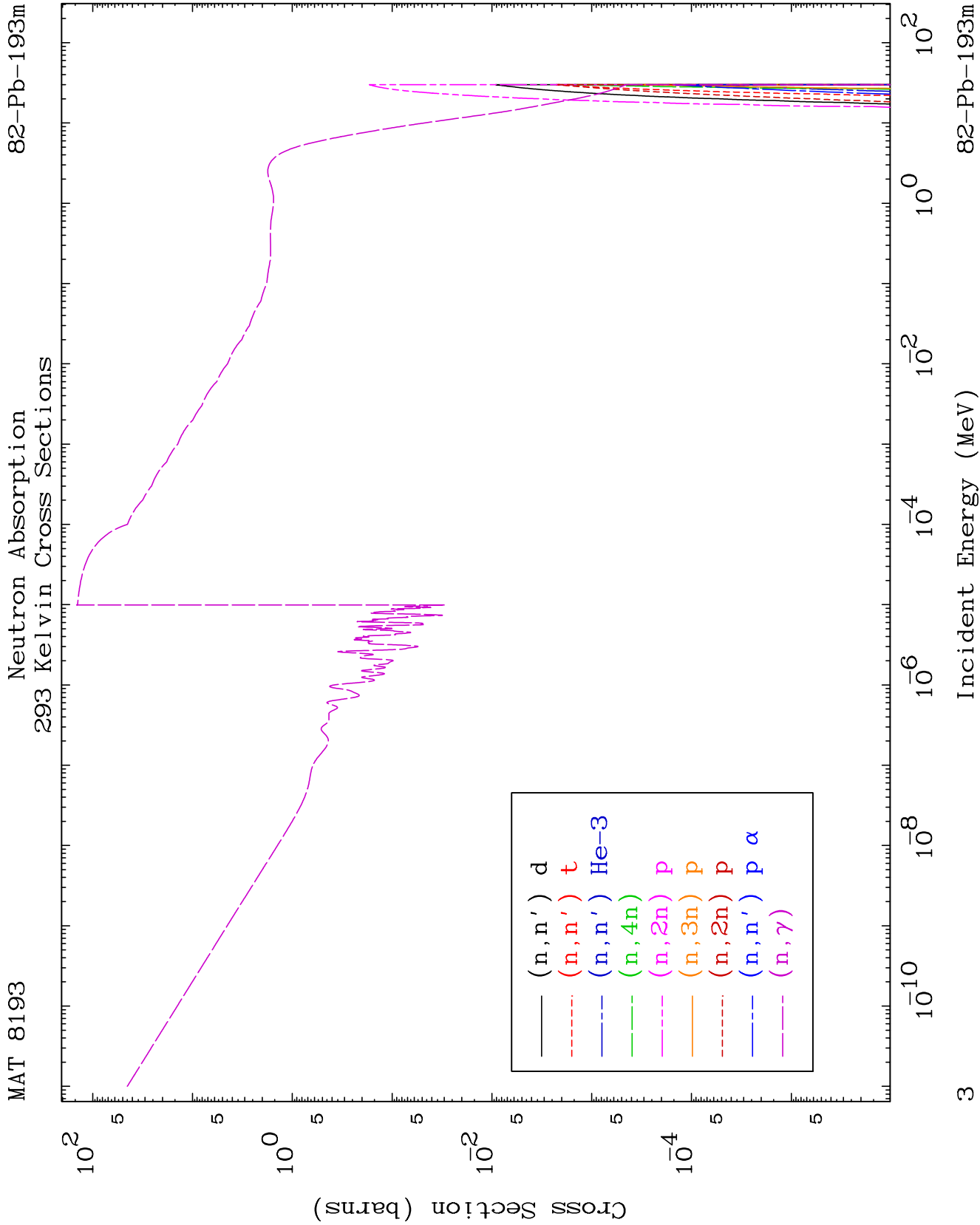
Tele: 925-443-1911

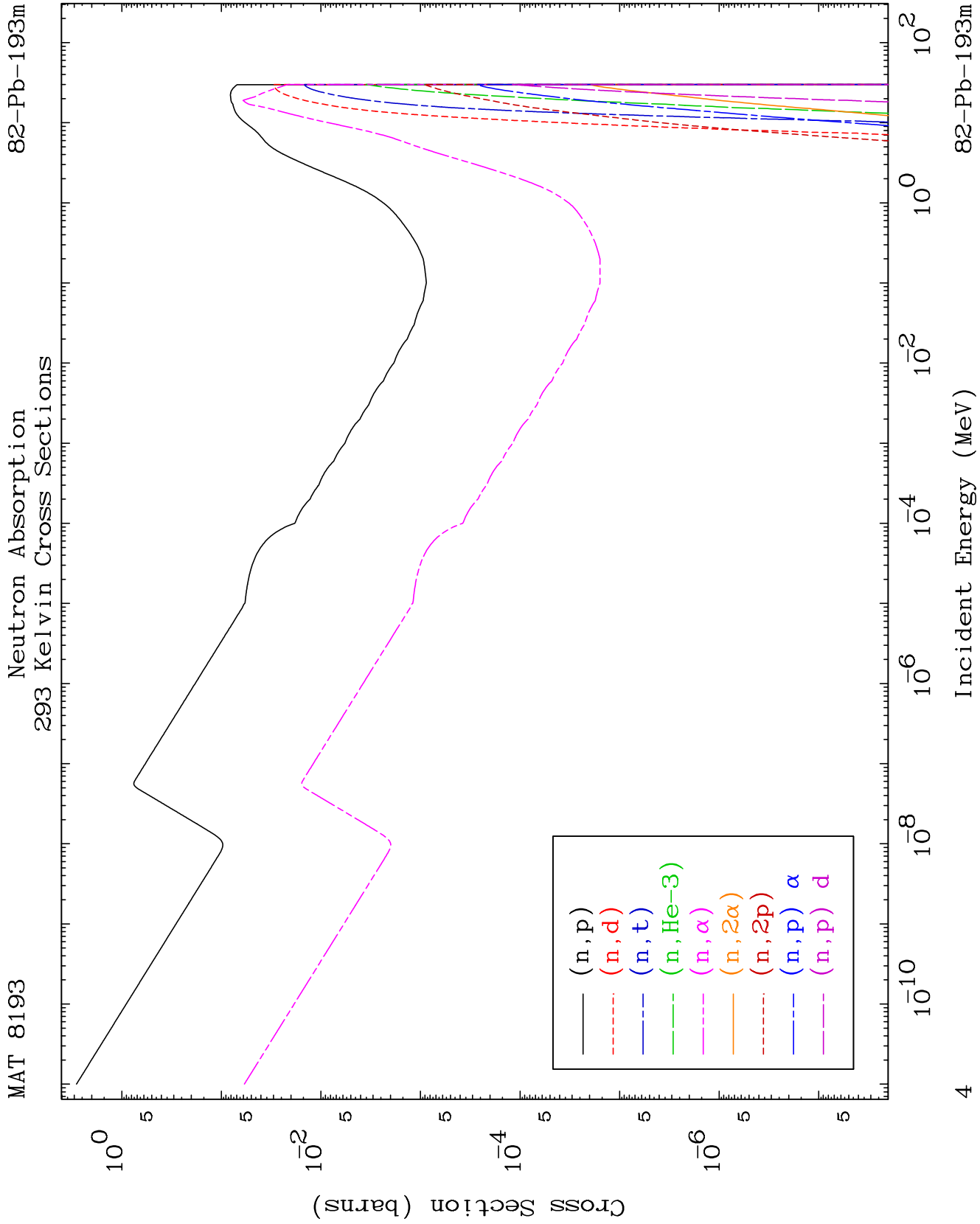
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

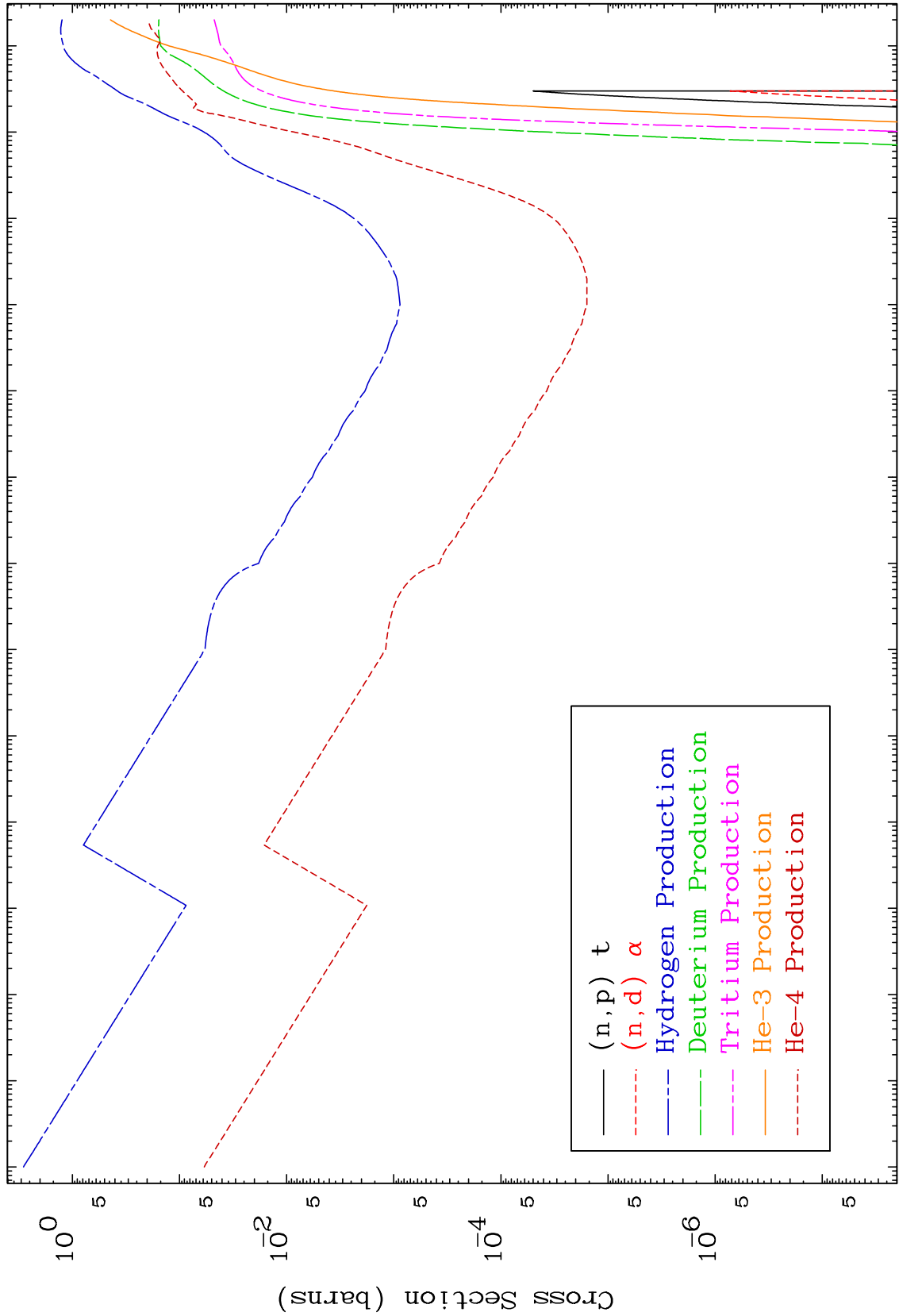
Press Mouse Button to Start

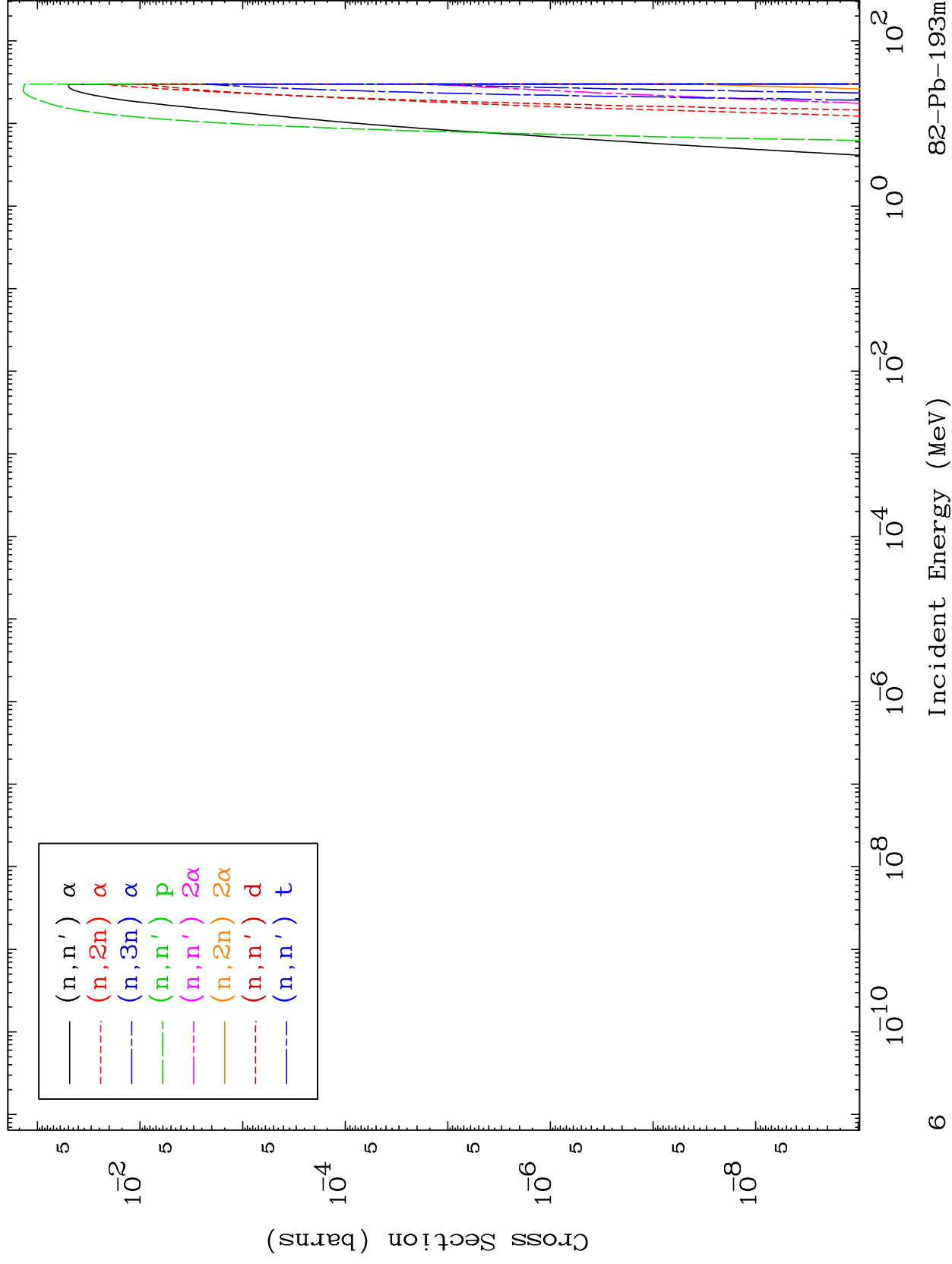


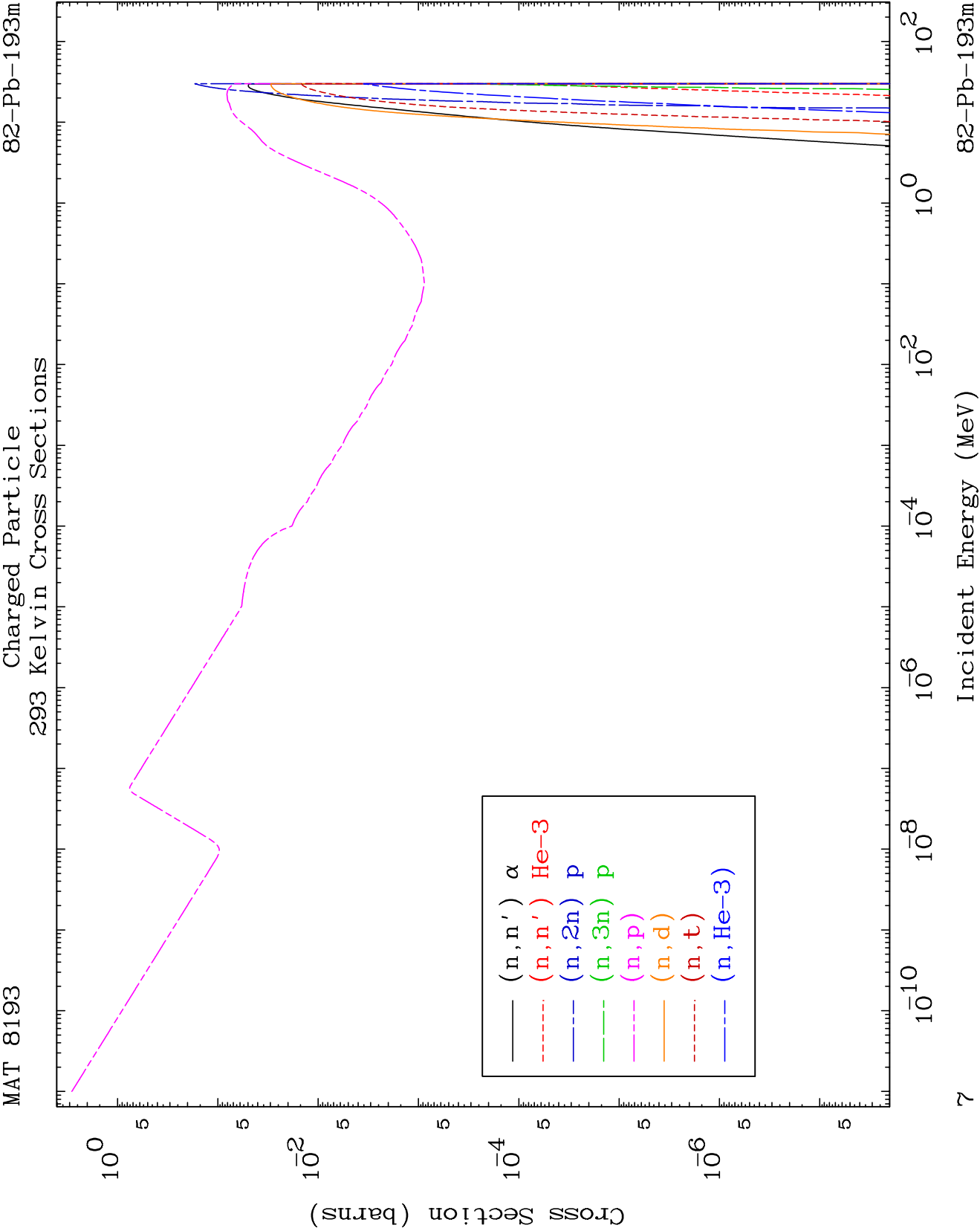








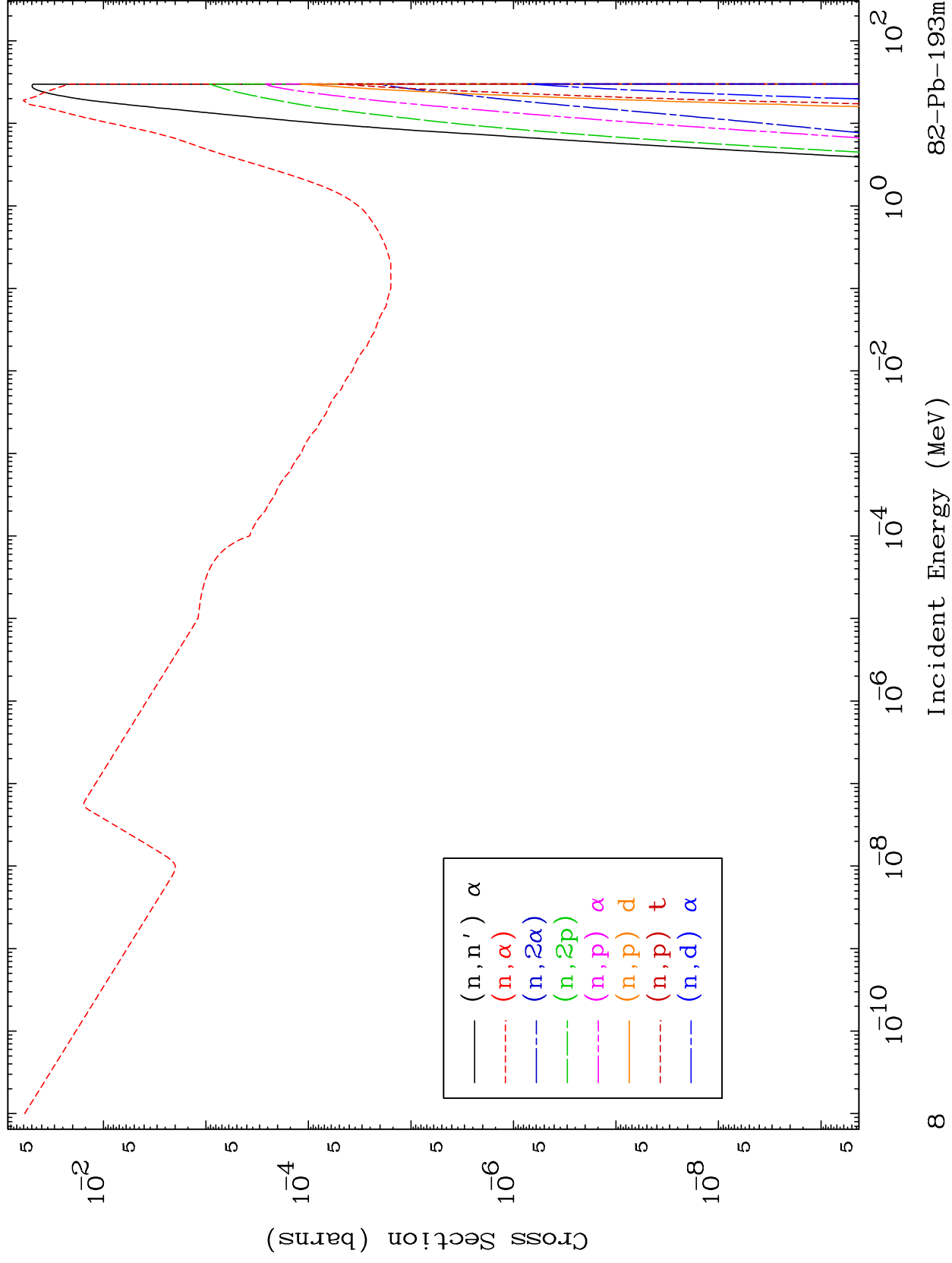


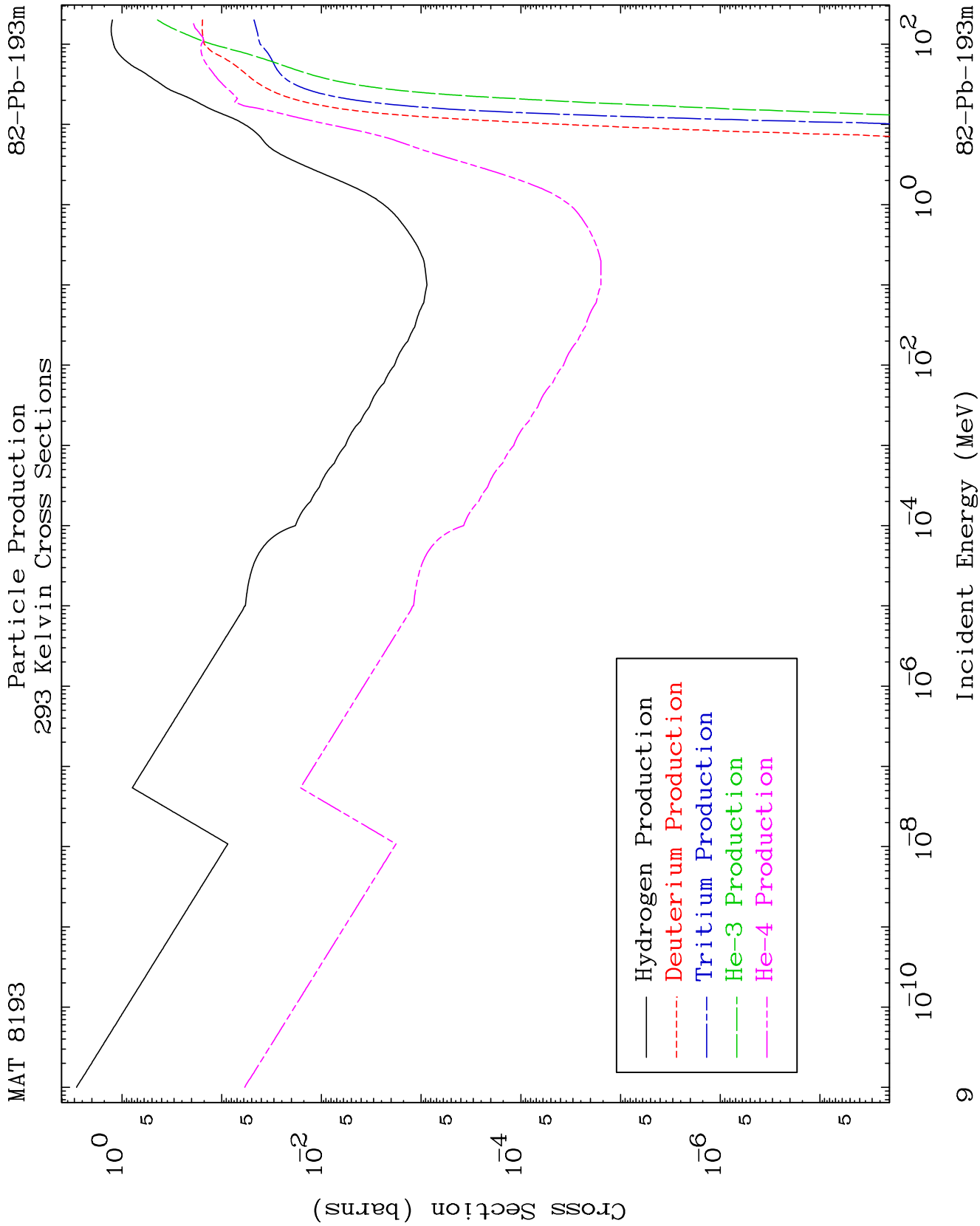


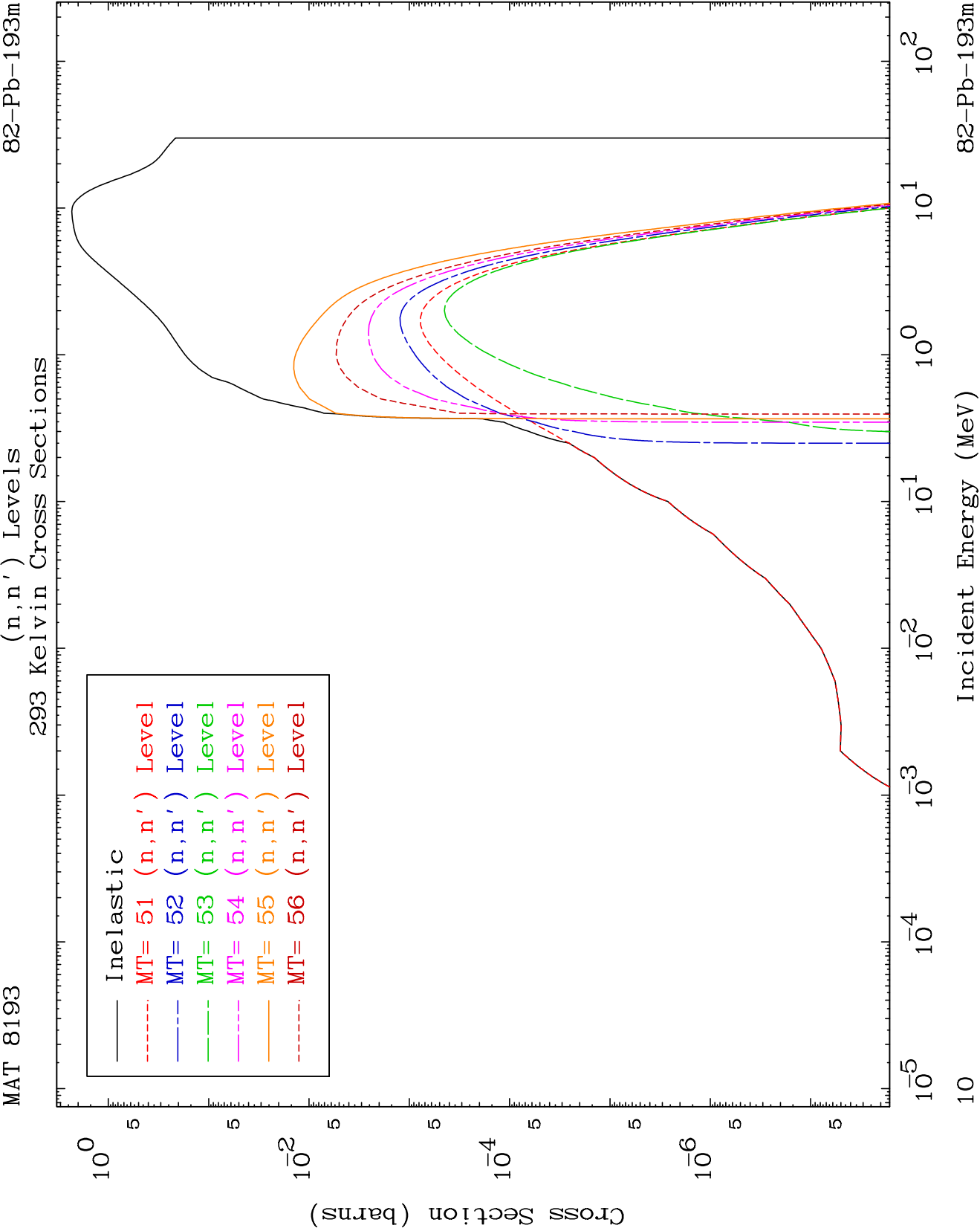
MAT 8193

Charged Particle
293 Kelvin Cross Sections

82-Pb-193m





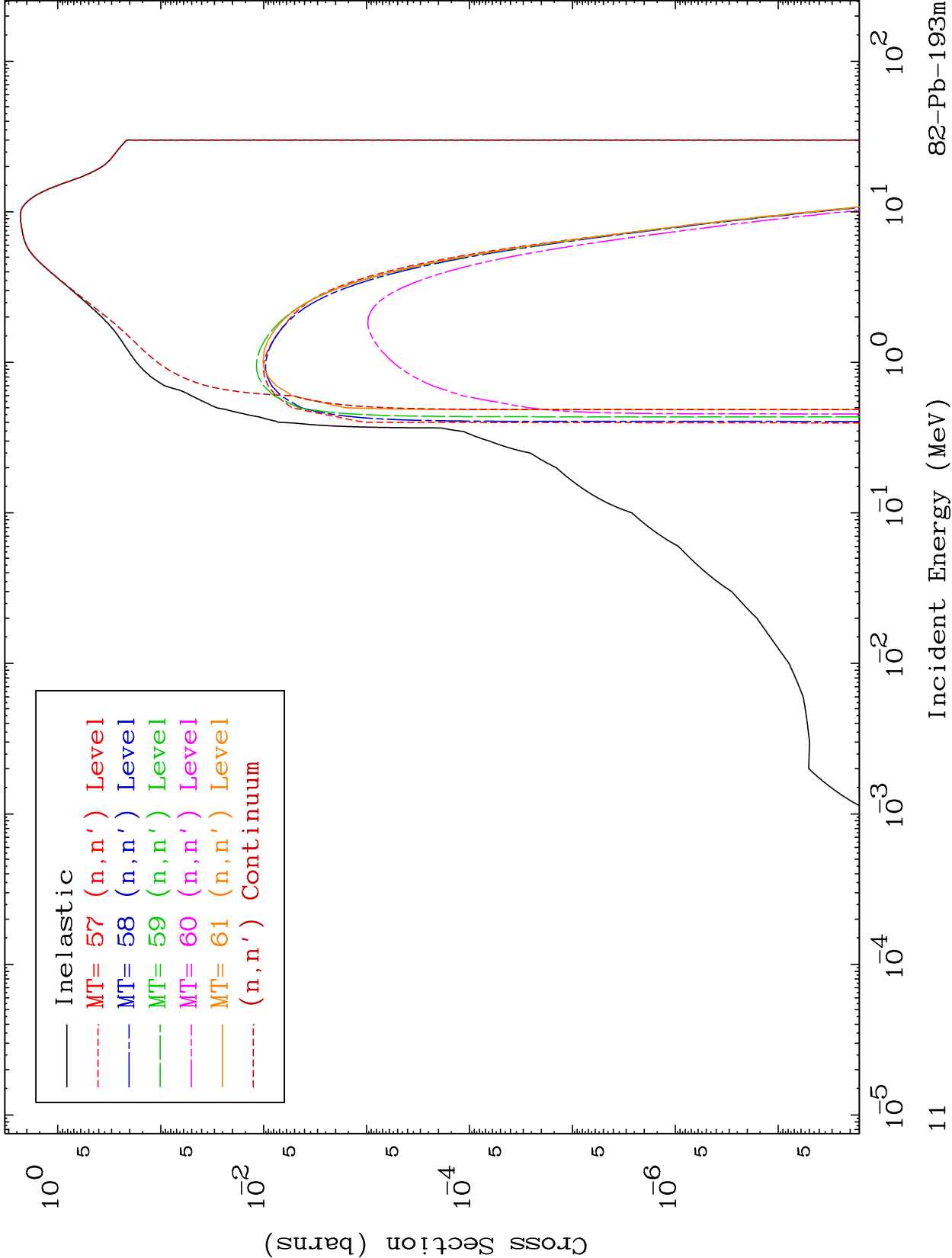


MAT 8193

(n,n') Levels

293 Kelvin Cross Sections

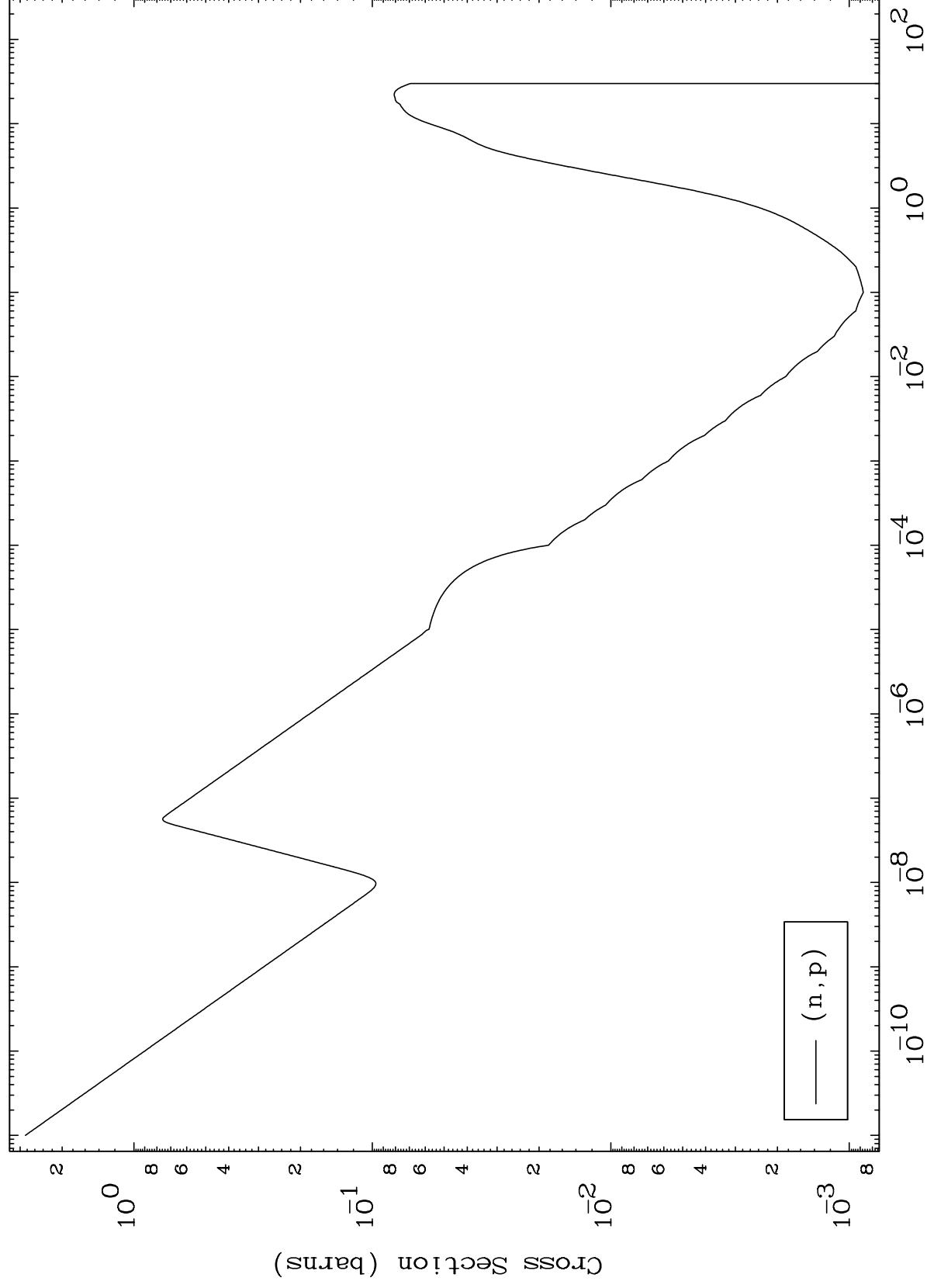
82-Pb-193m



MAT 8193

(n,p) Levels
293 Kelvin Cross Sections

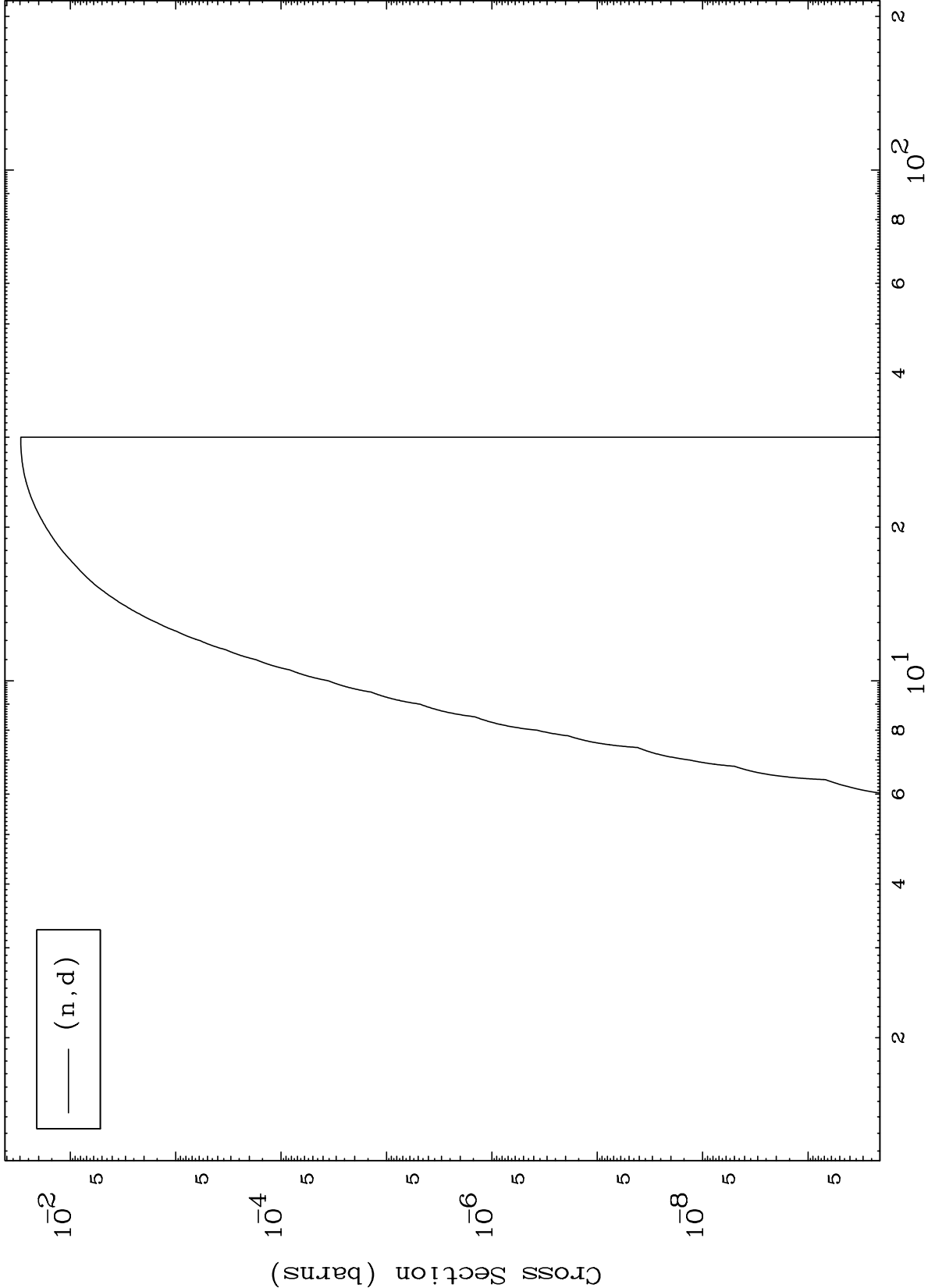
82-Pb-193m



12

Incident Energy (MeV)

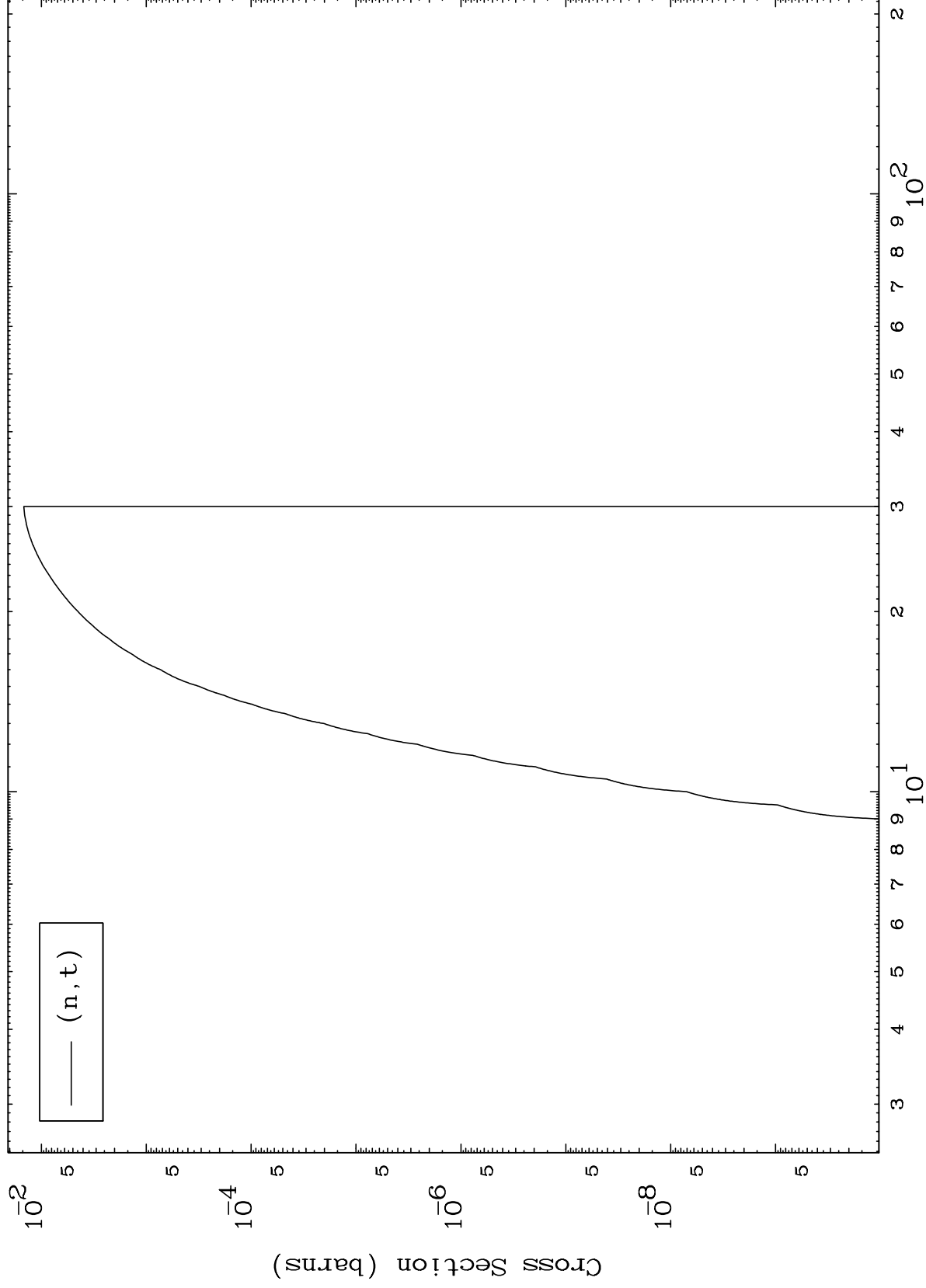
82-Pb-193m



MAT 8193

82-Pb-193m

(n,t) Levels
293 Kelvin Cross Sections



82-Pb-193m

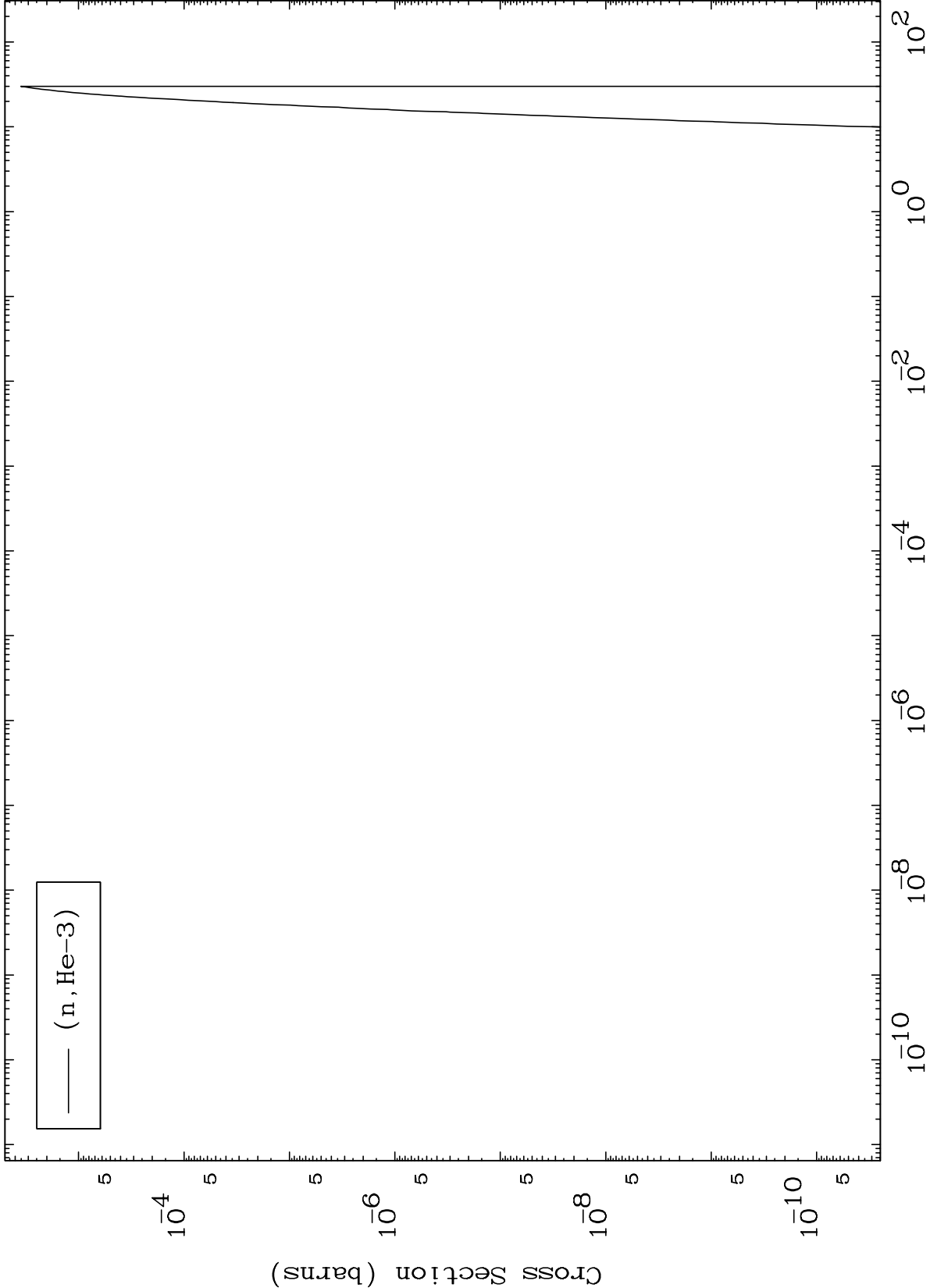
Incident Energy (MeV)

14

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(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-193m



15

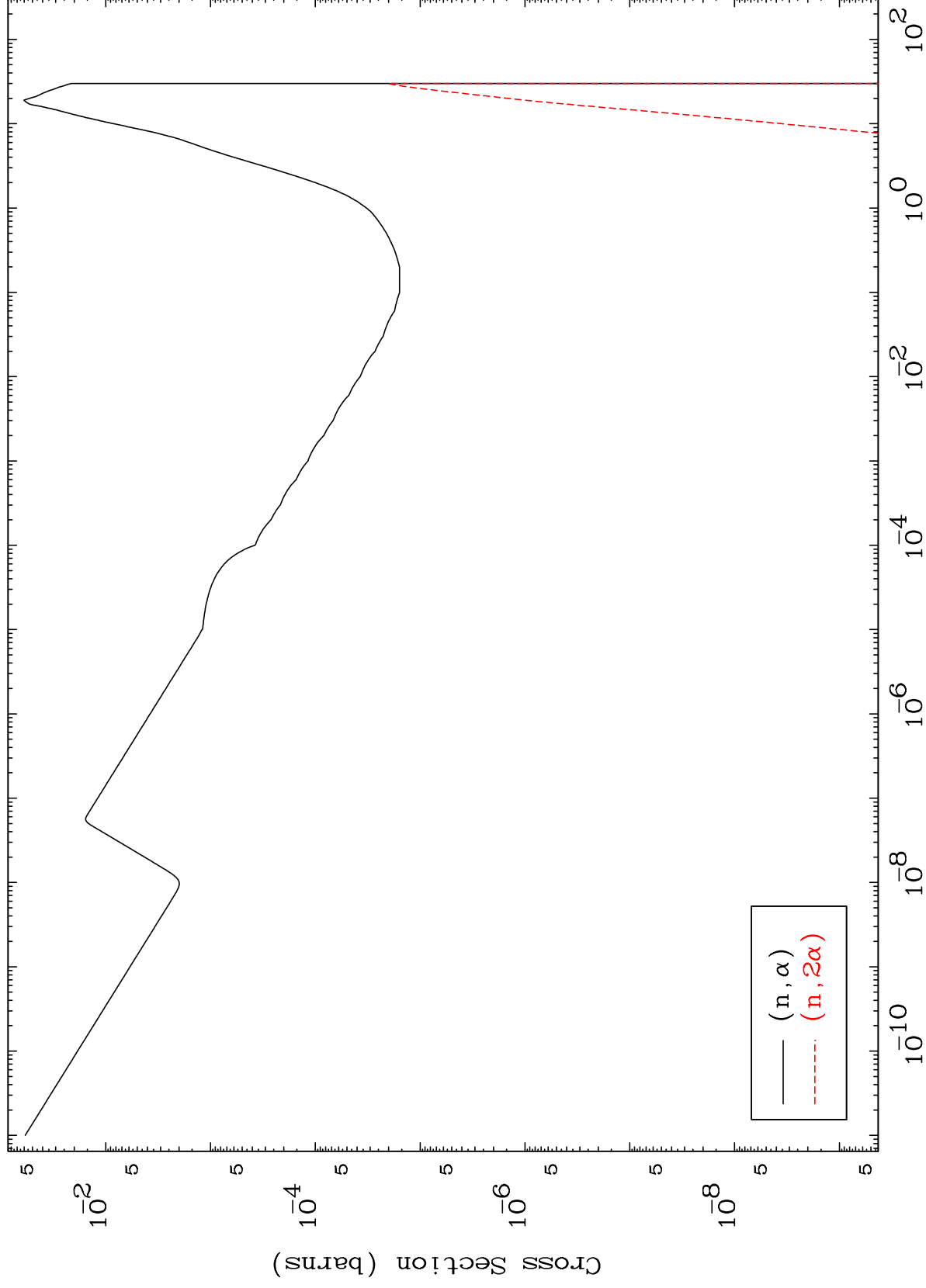
Incident Energy (MeV)

82-Pb-193m

MAT 8193

(n, α) Levels
293 Kelvin Cross Sections

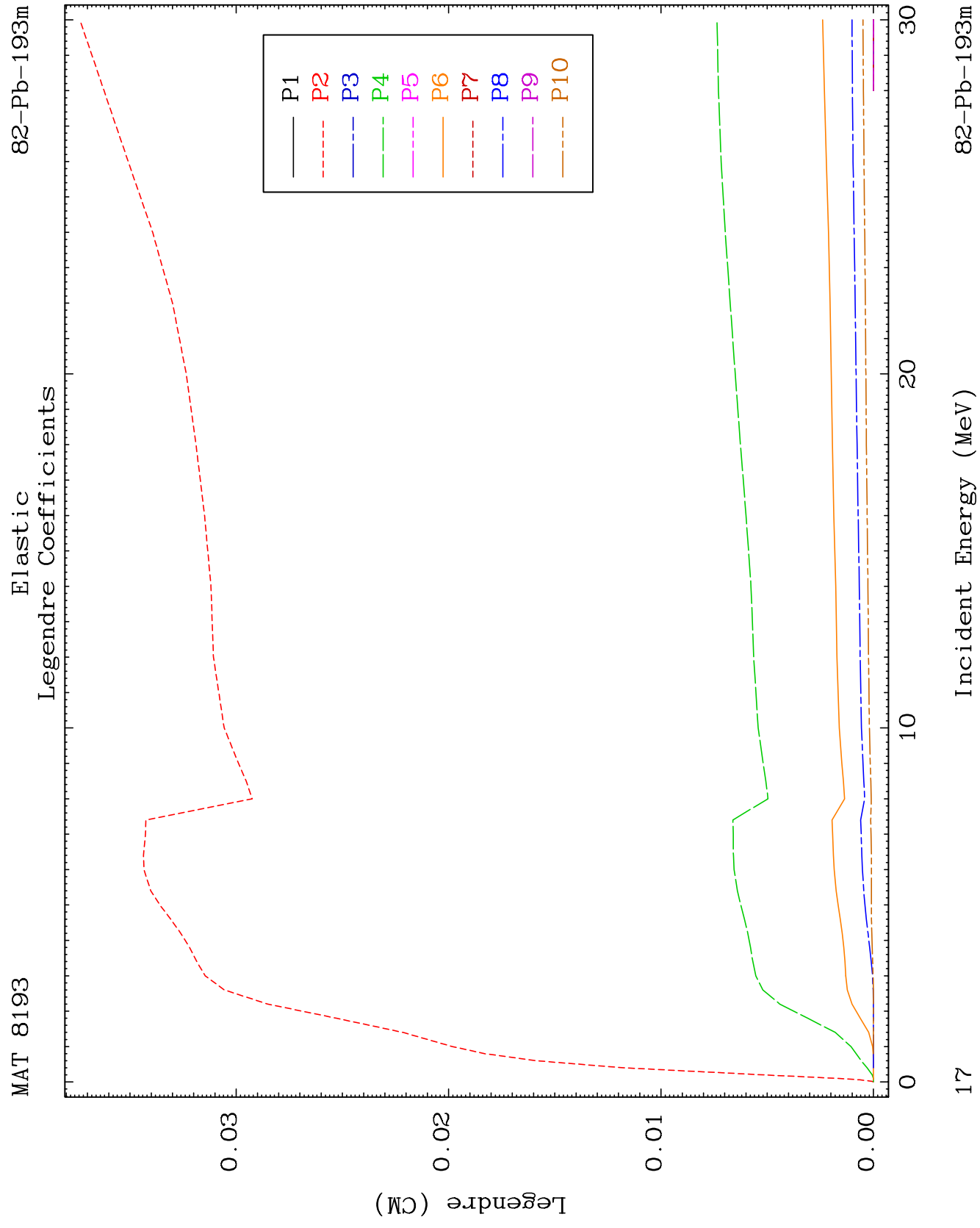
82-Pb-193m

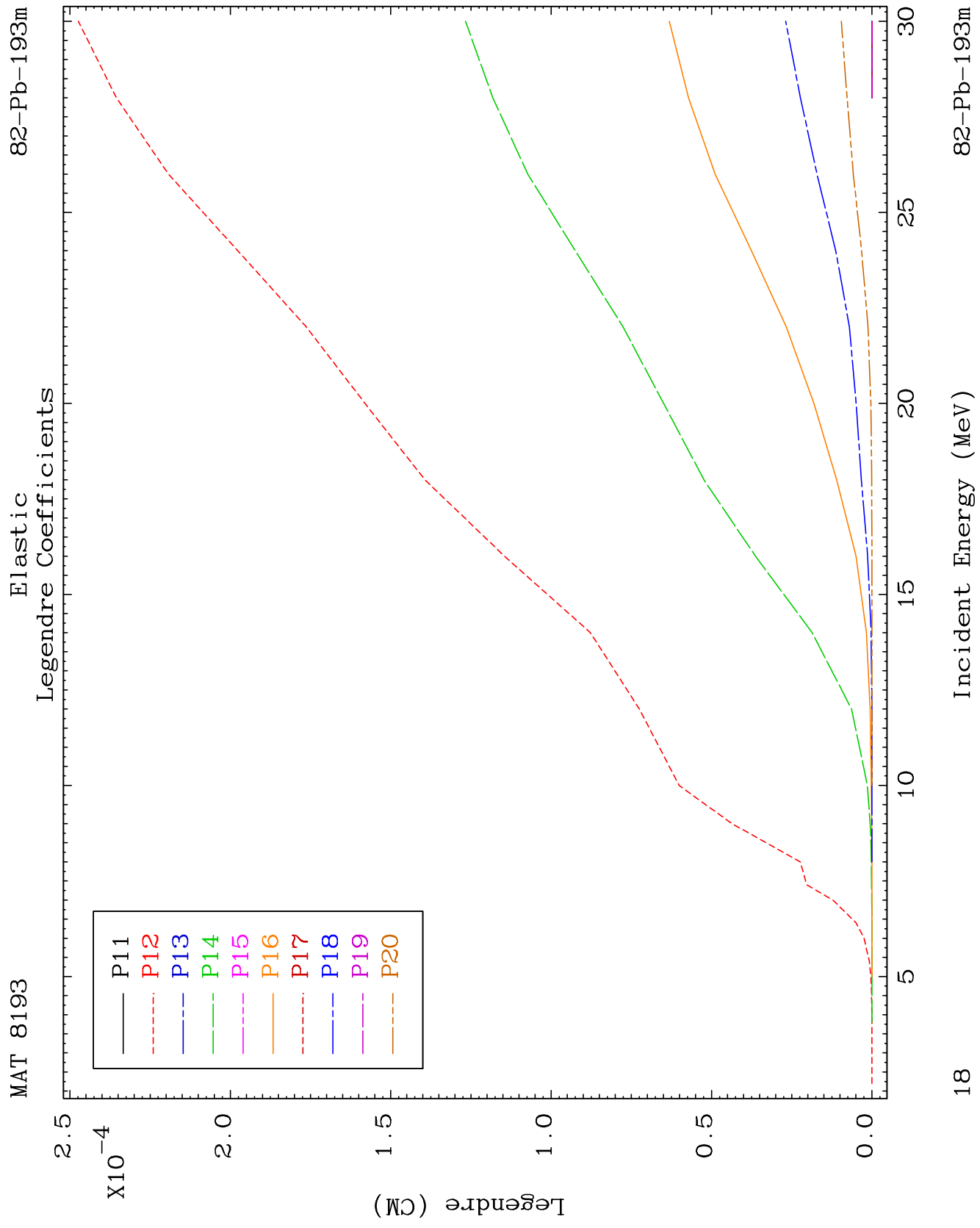


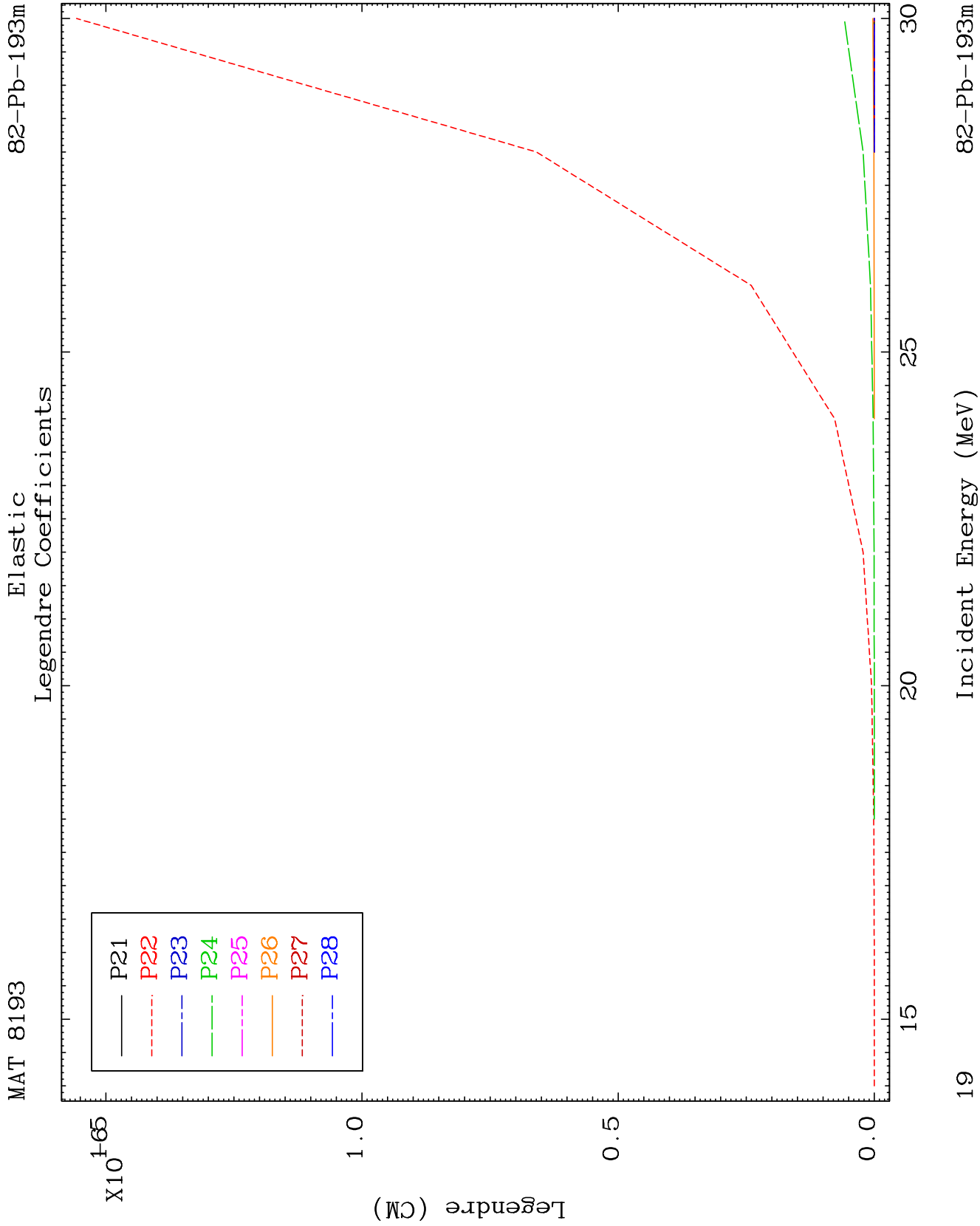
16

Incident Energy (MeV)

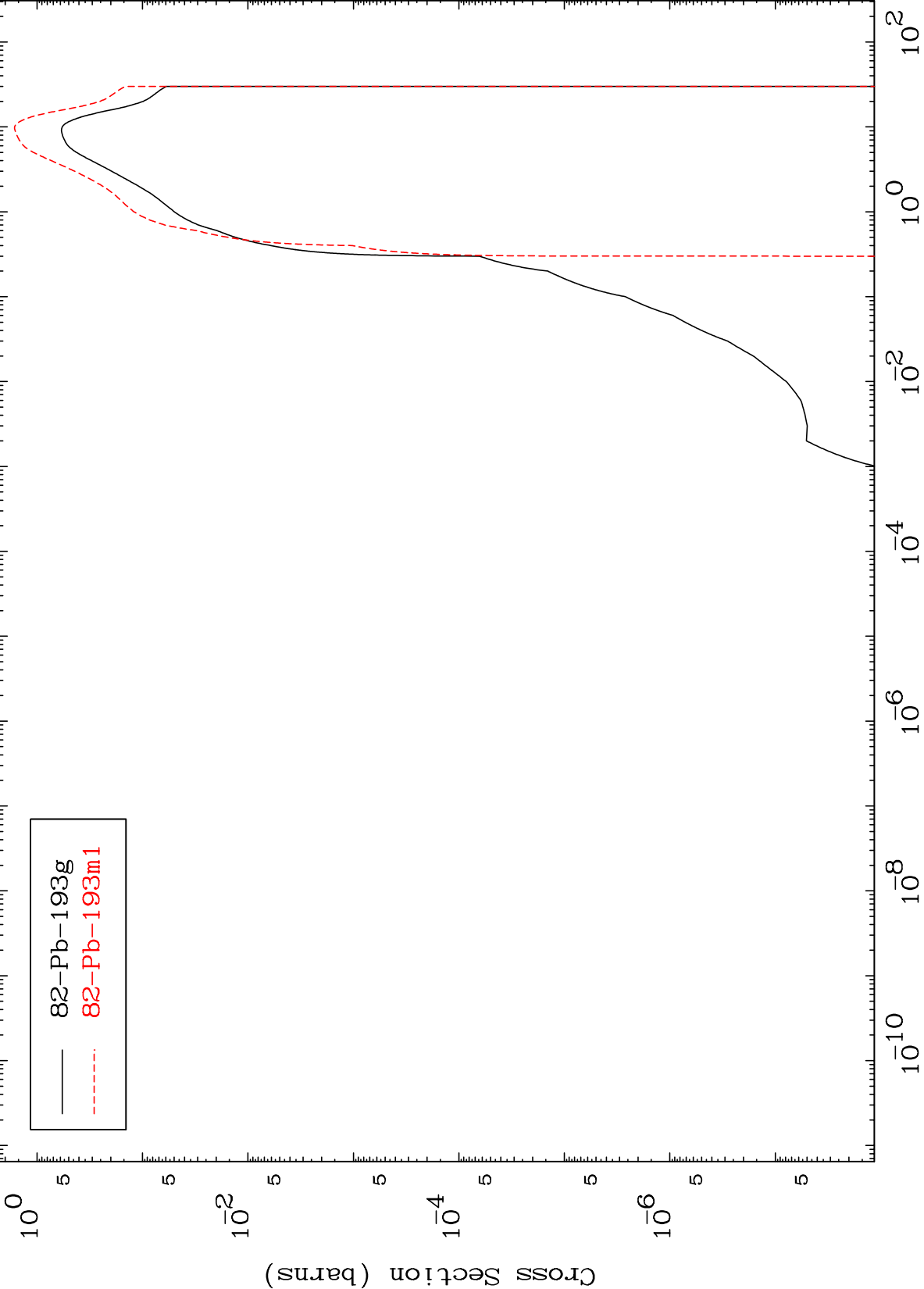
82-Pb-193m

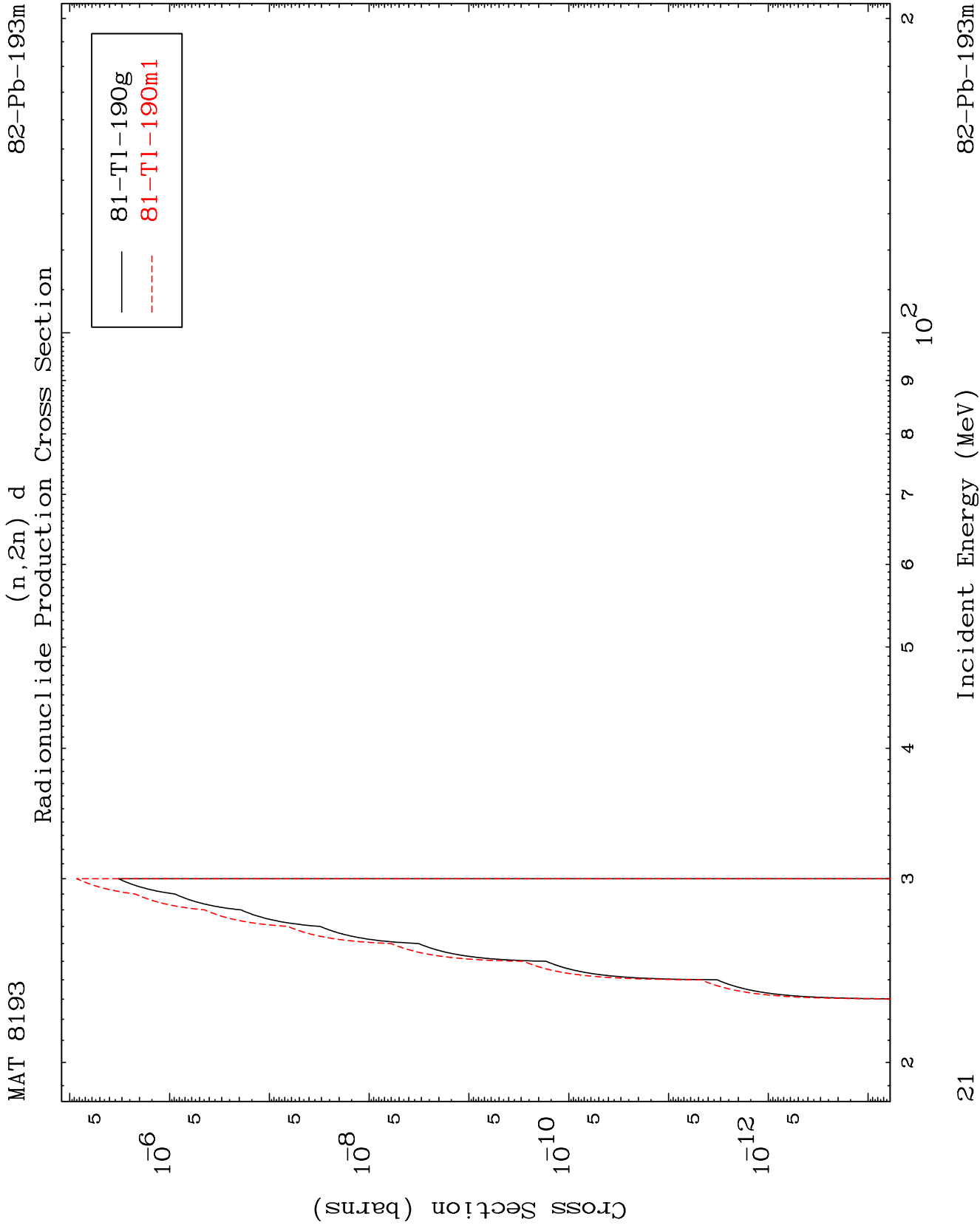






Inelastic
Radionuclide Production Cross Section

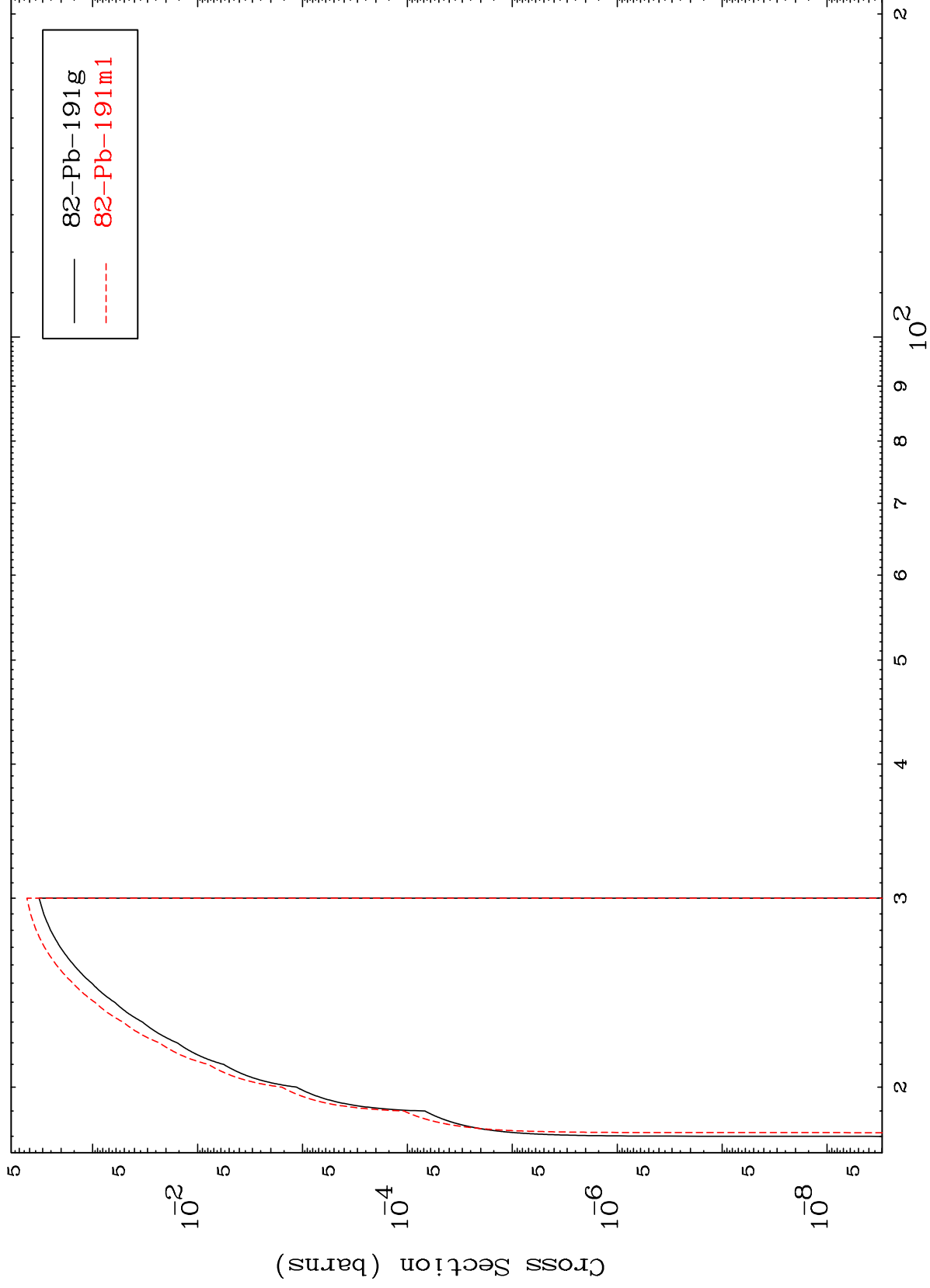




MAT 8193

82-Pb-193m

(n,3n)
Radionuclide Production Cross Section



22

82-Pb-193m

Incident Energy (MeV)

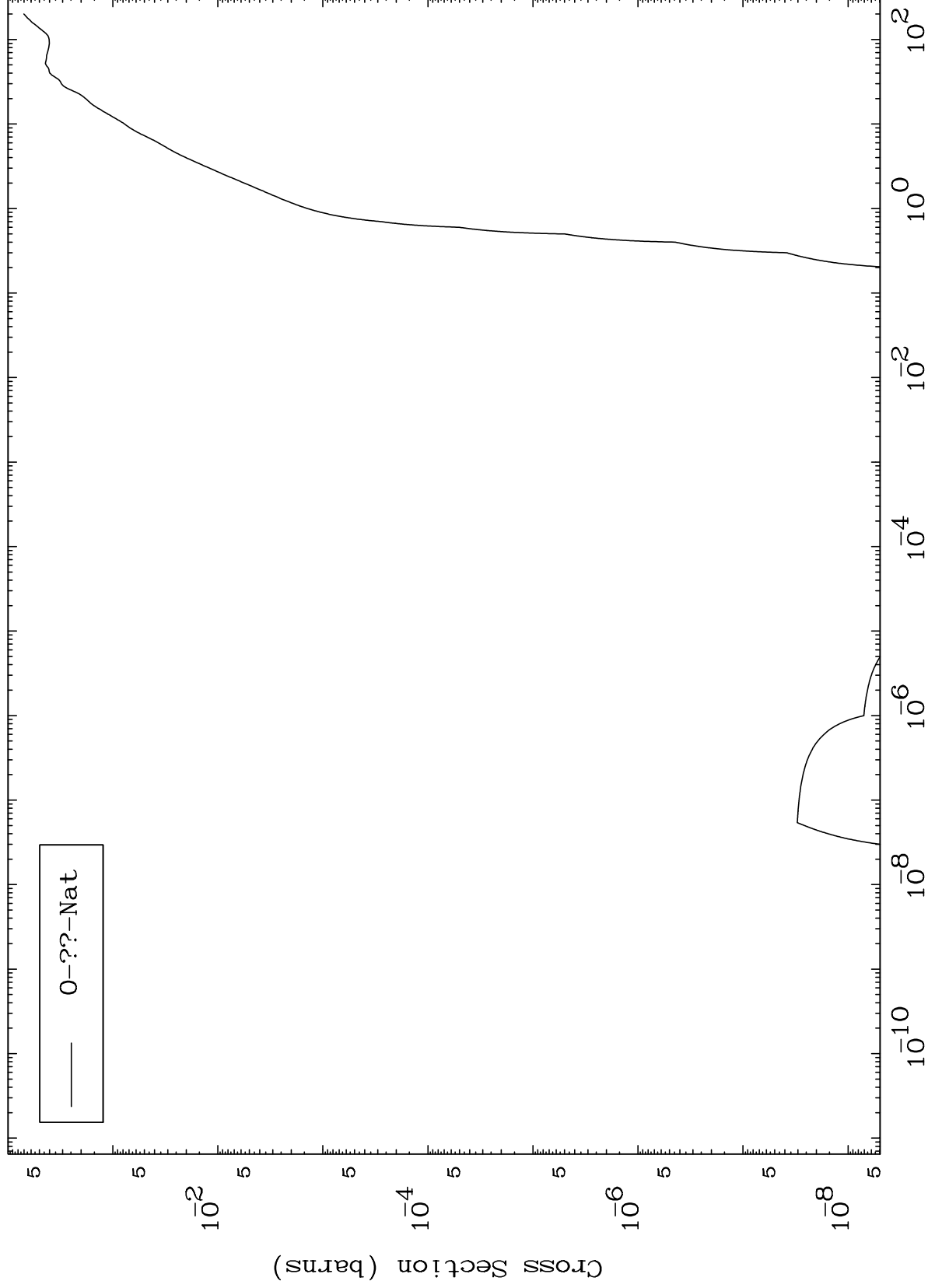
MAT 8193

Fission

82-Pb-193m

Radionuclide Production Cross Section

— 0-??-Nat

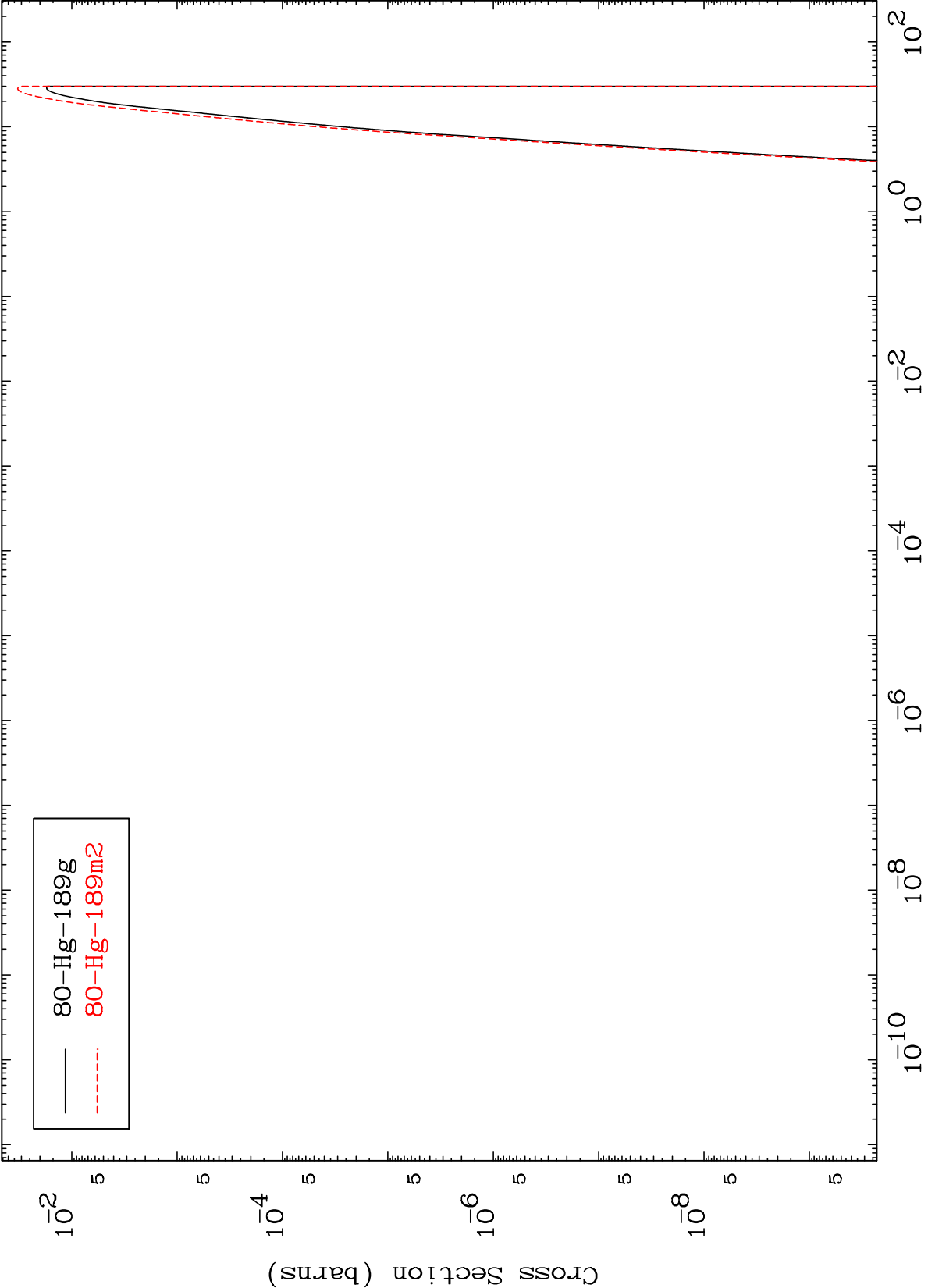


23

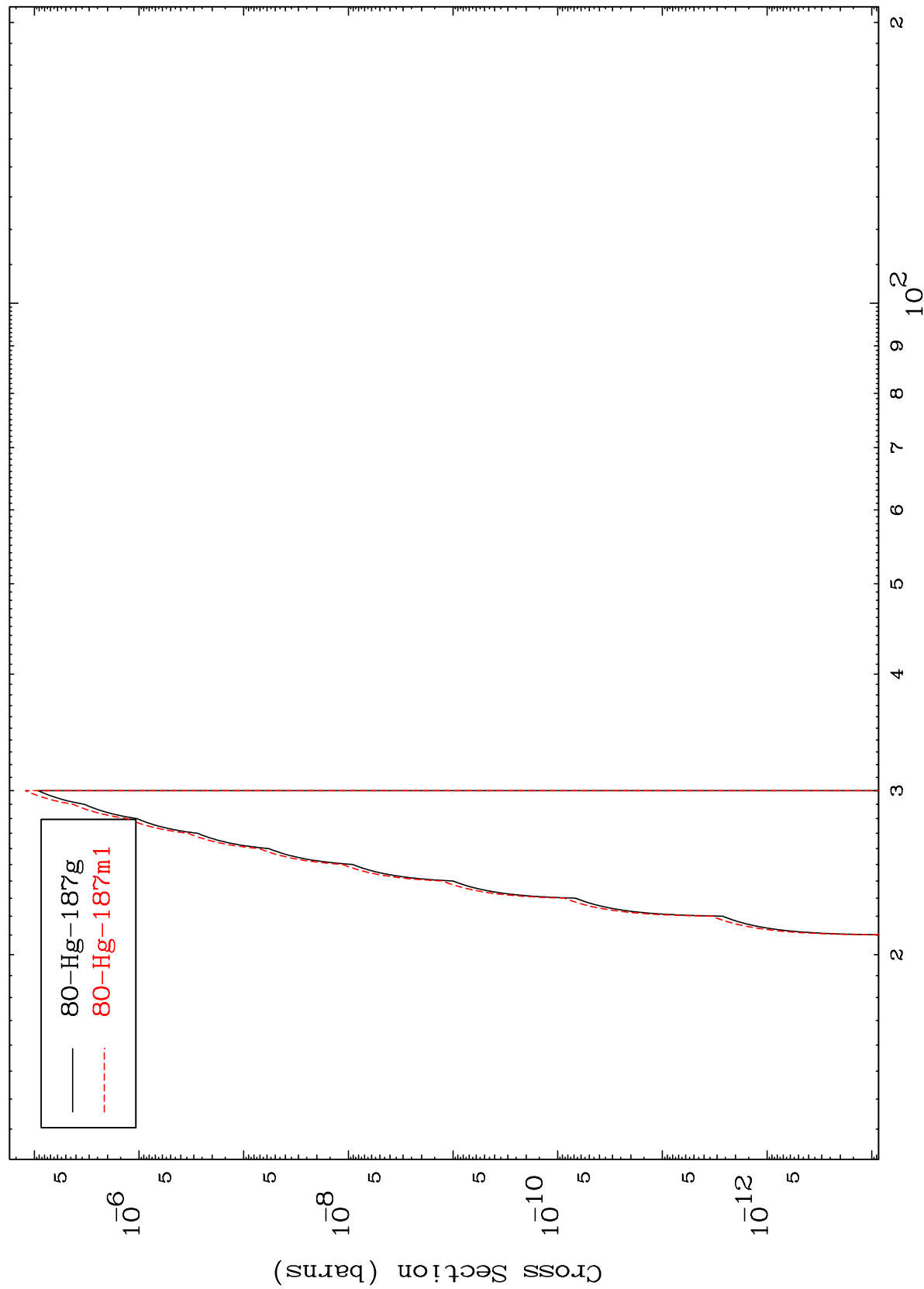
Incident Energy (MeV)

82-Pb-193m

Radionuclide Production Cross Section



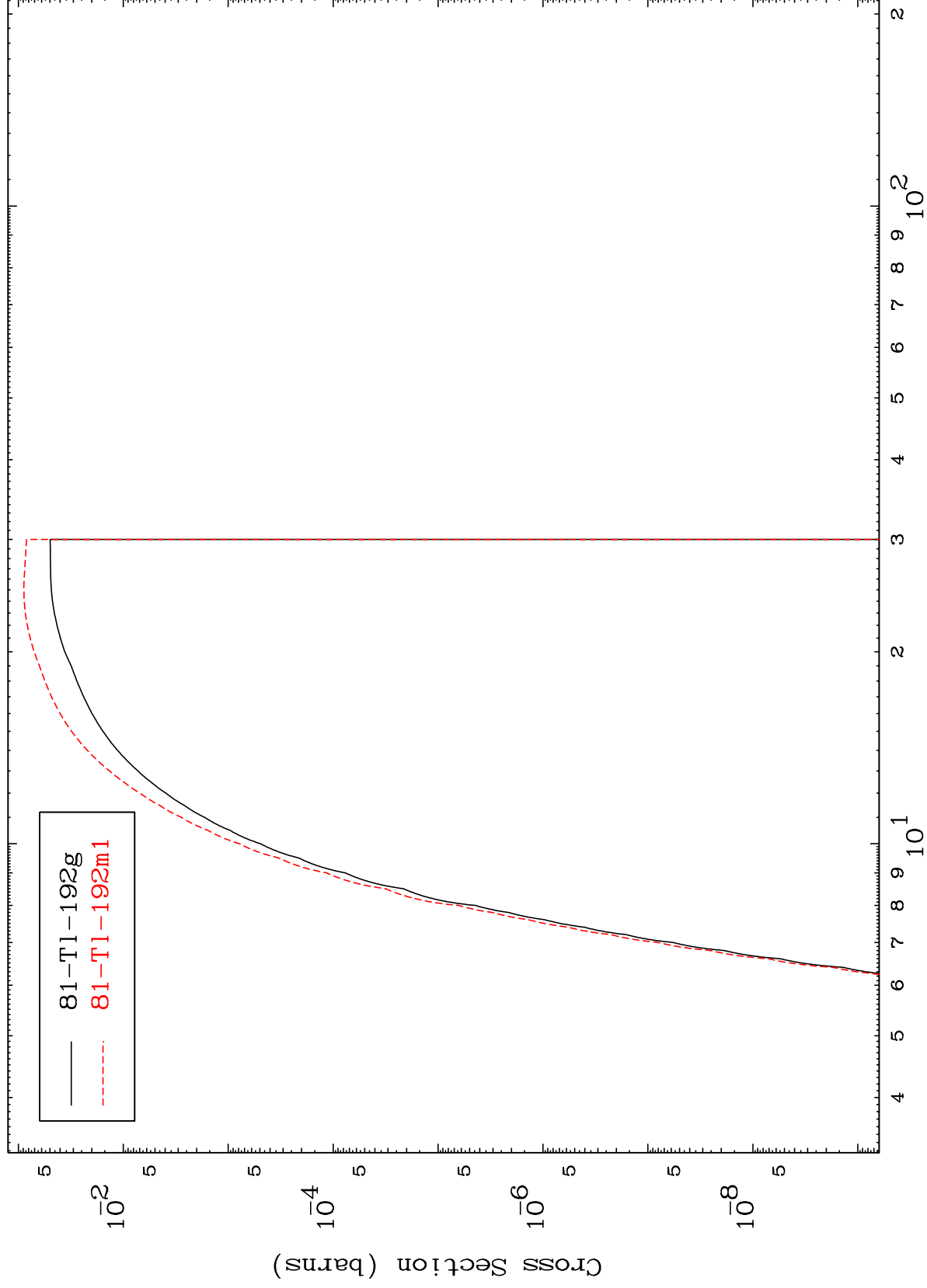
Radionuclide Production Cross Section
(n,3n) α



MAT 8193

82-Pb-193m

(n,n') p
Radionuclide Production Cross Section



26

Incident Energy (MeV)

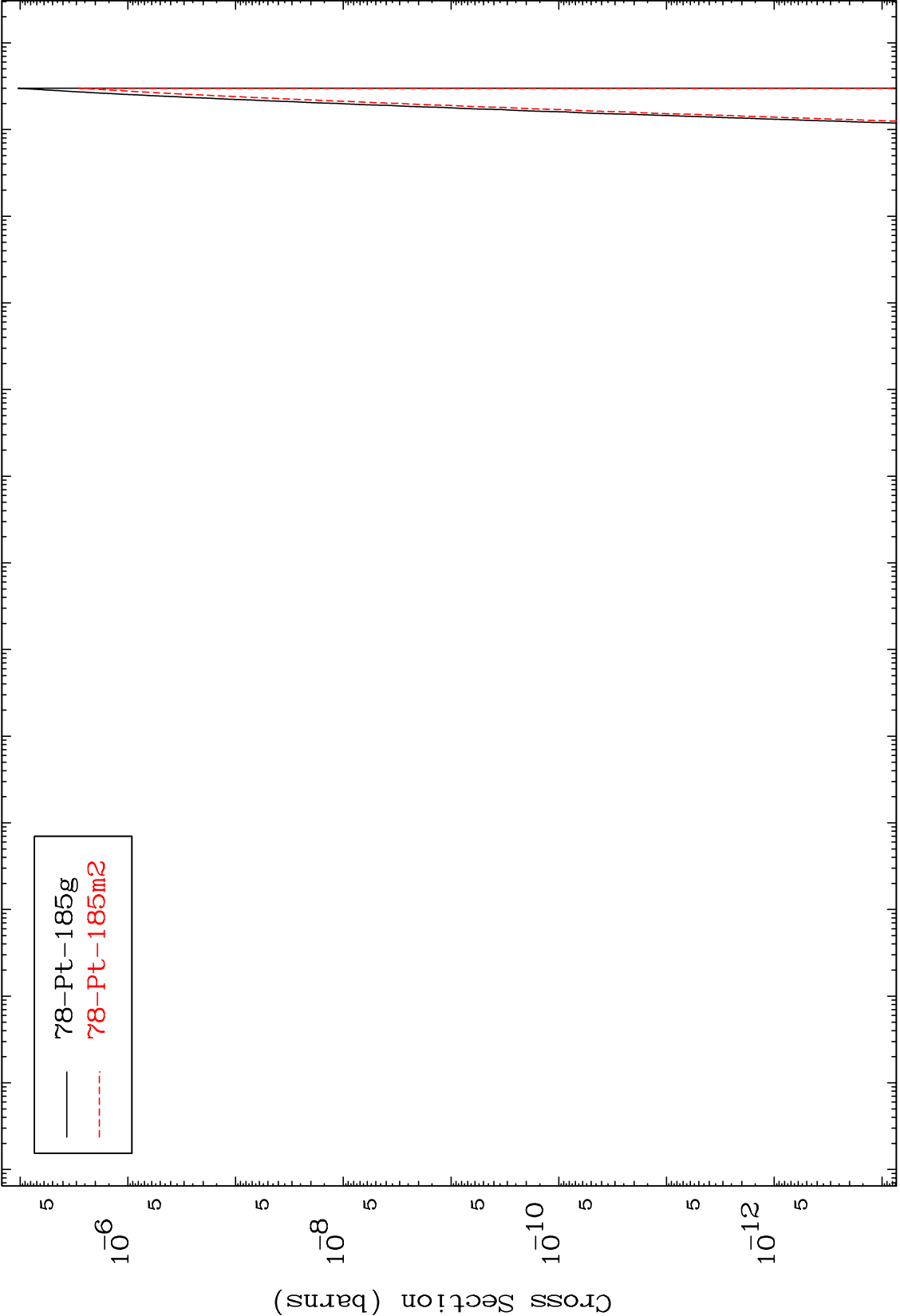
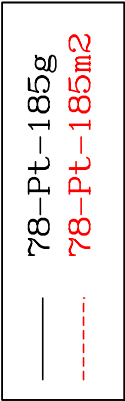
82-Pb-193m

MAT 8193

(n,n') 2 α

82-Pb-193m

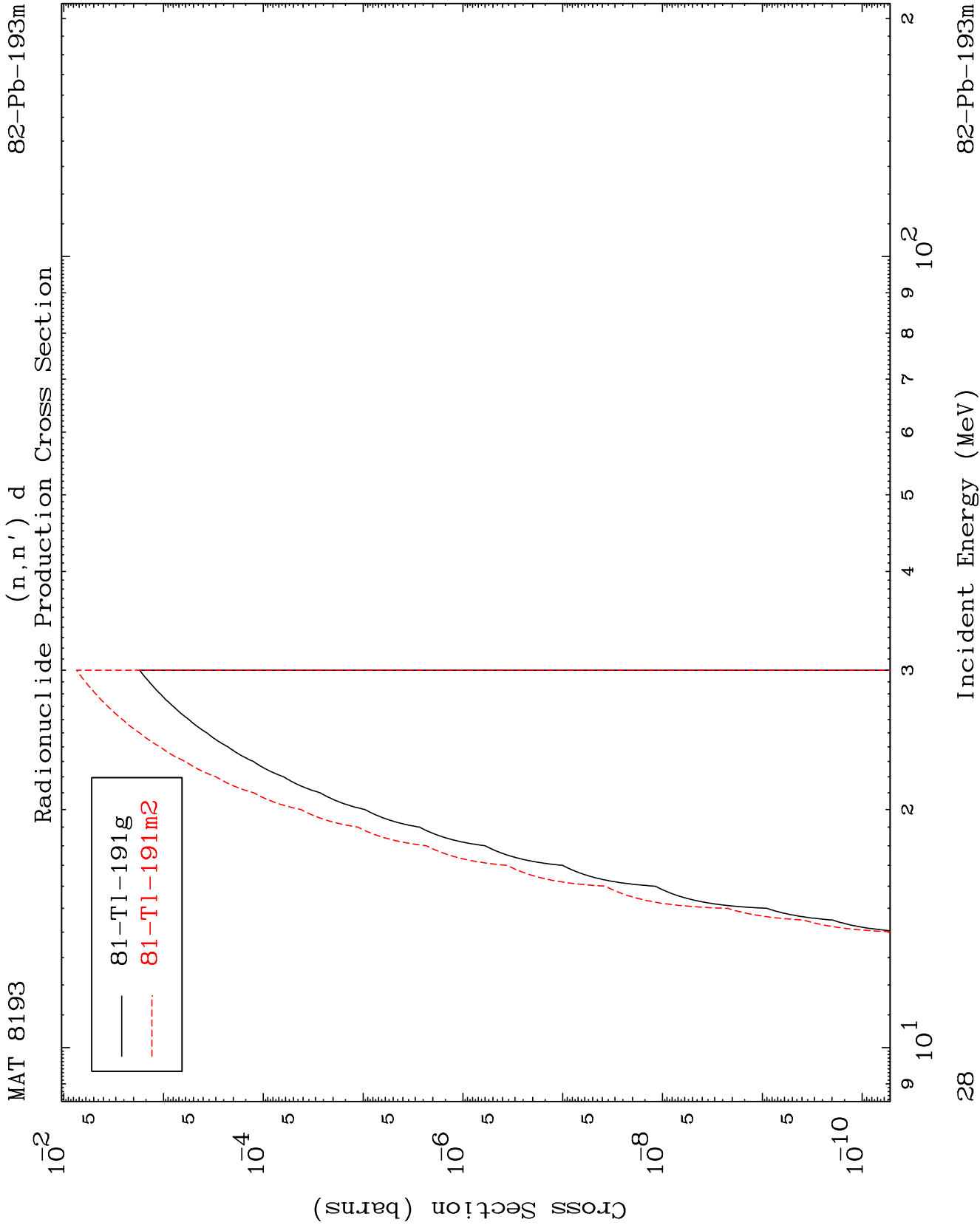
Radionuclide Production Cross Section



27

Incident Energy (MeV)

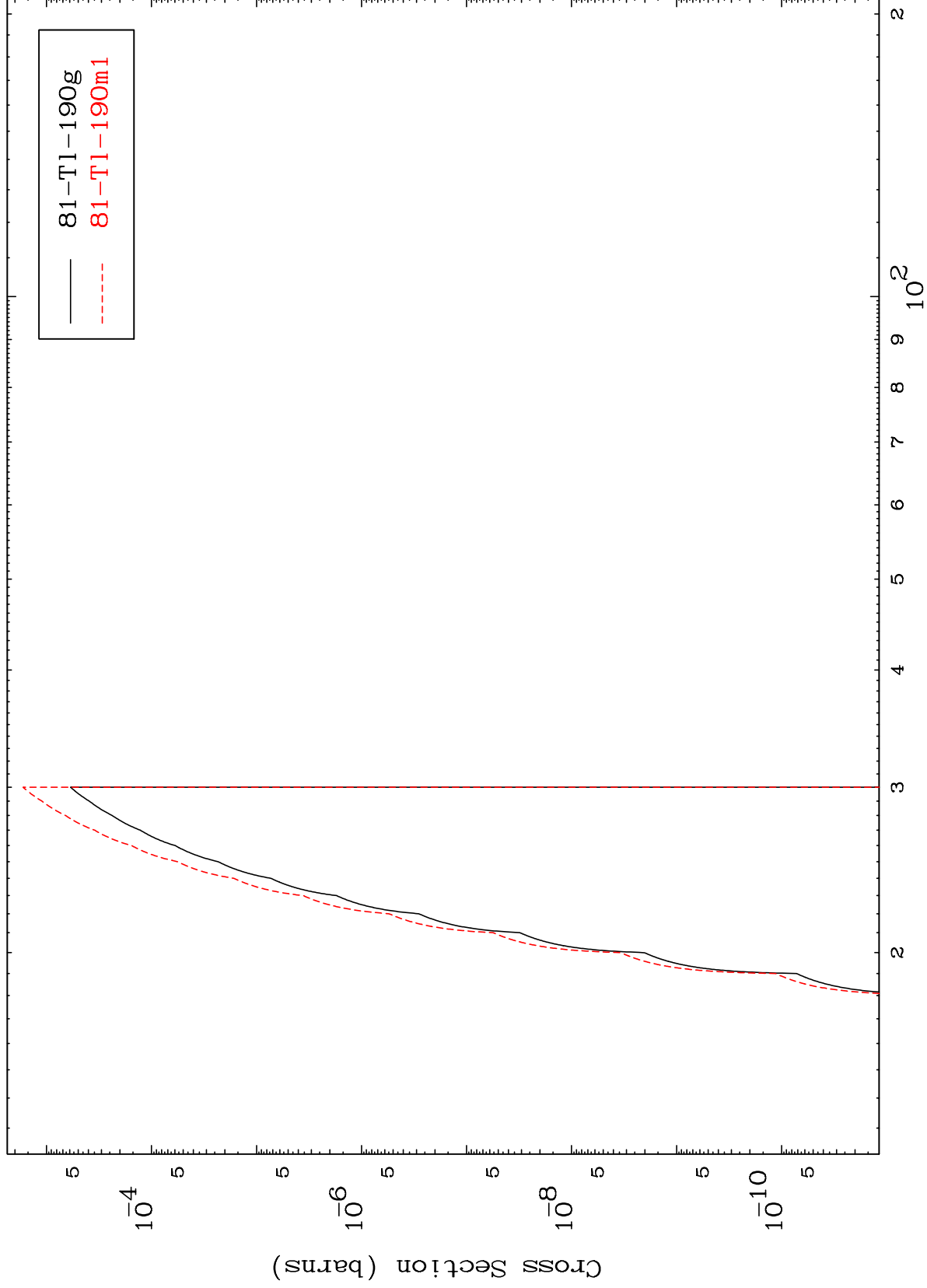
82-Pb-193m



MAT 8193

82-Pb-193m

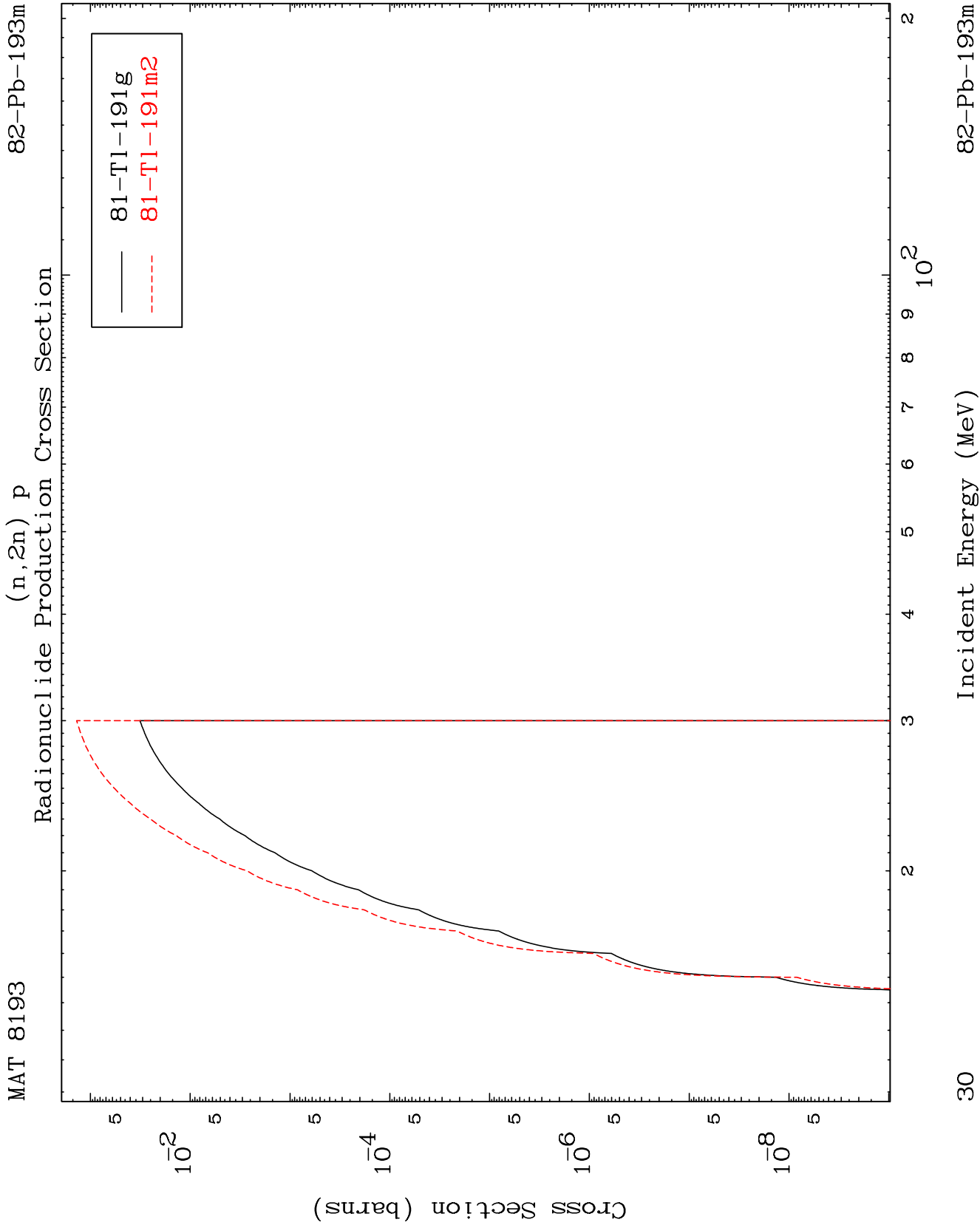
(n,n') t
Radionuclide Production Cross Section



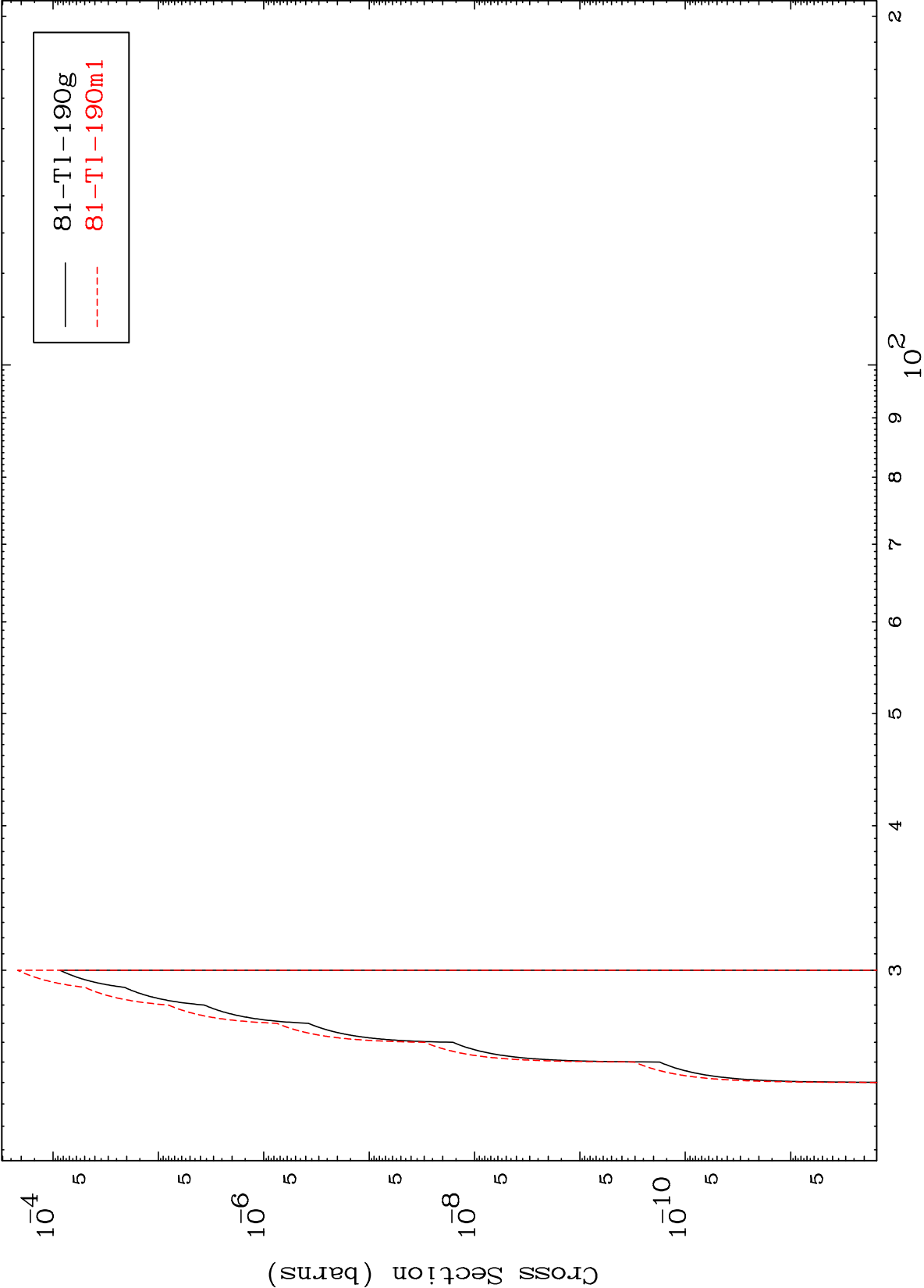
29

Incident Energy (MeV)

82-Pb-193m



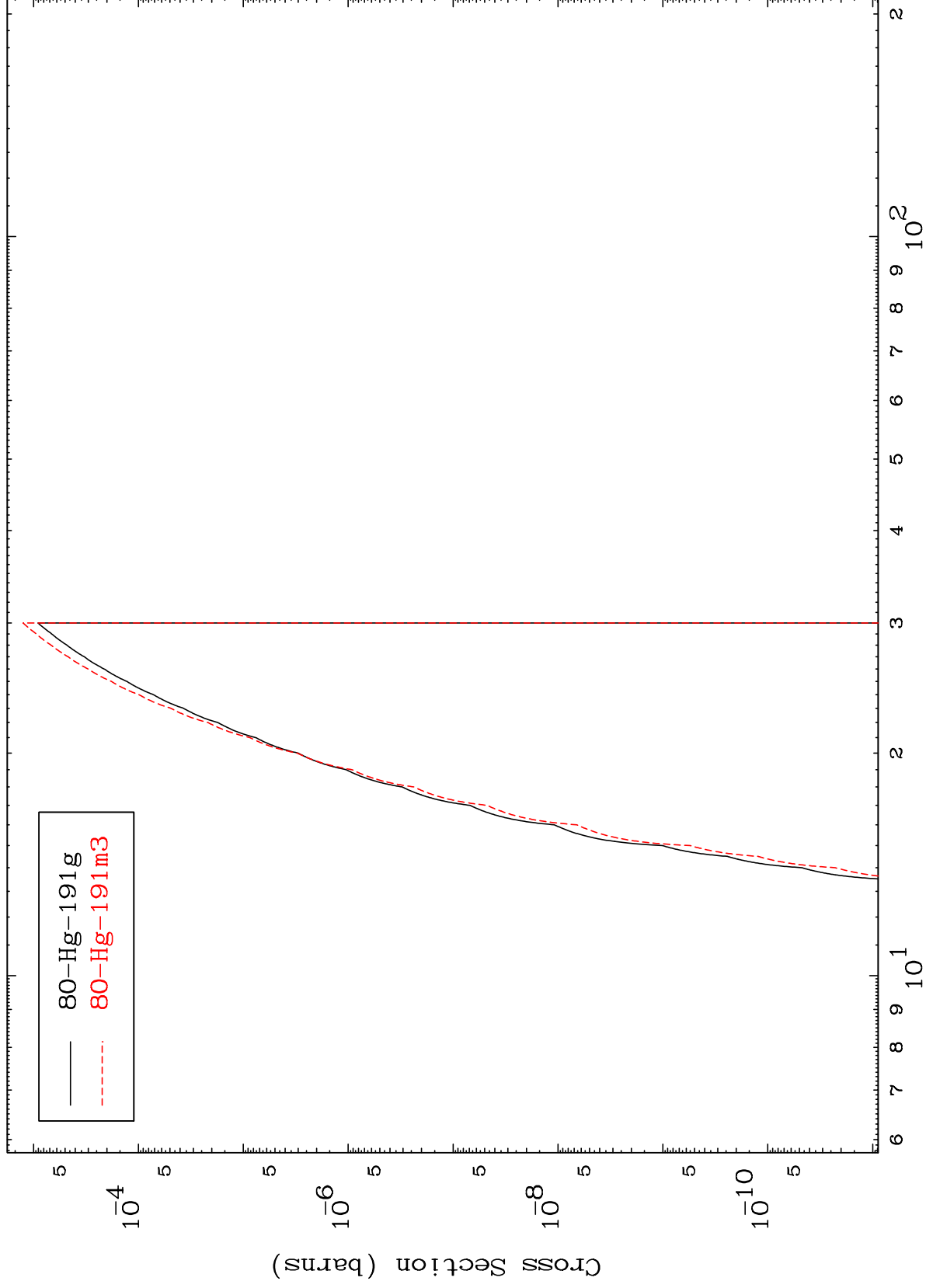
(n,3n) p
Radionuclide Production Cross Section



MAT 8193

82-Pb-193m

(n,2n) p
Radionuclide Production Cross Section



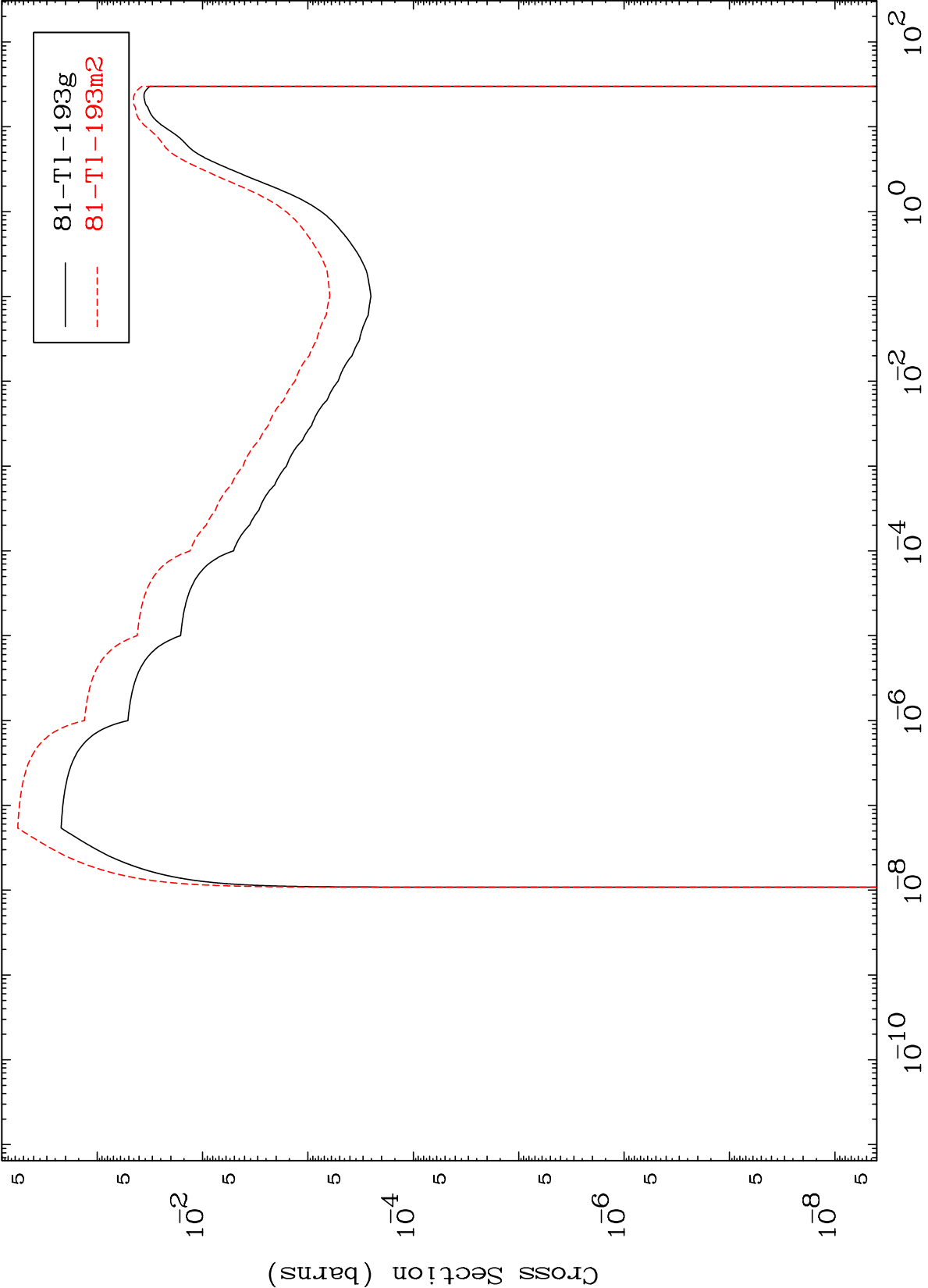
80-Hg-191 g
80-Hg-191 m3

82-Pb-193m

Incident Energy (MeV)

32

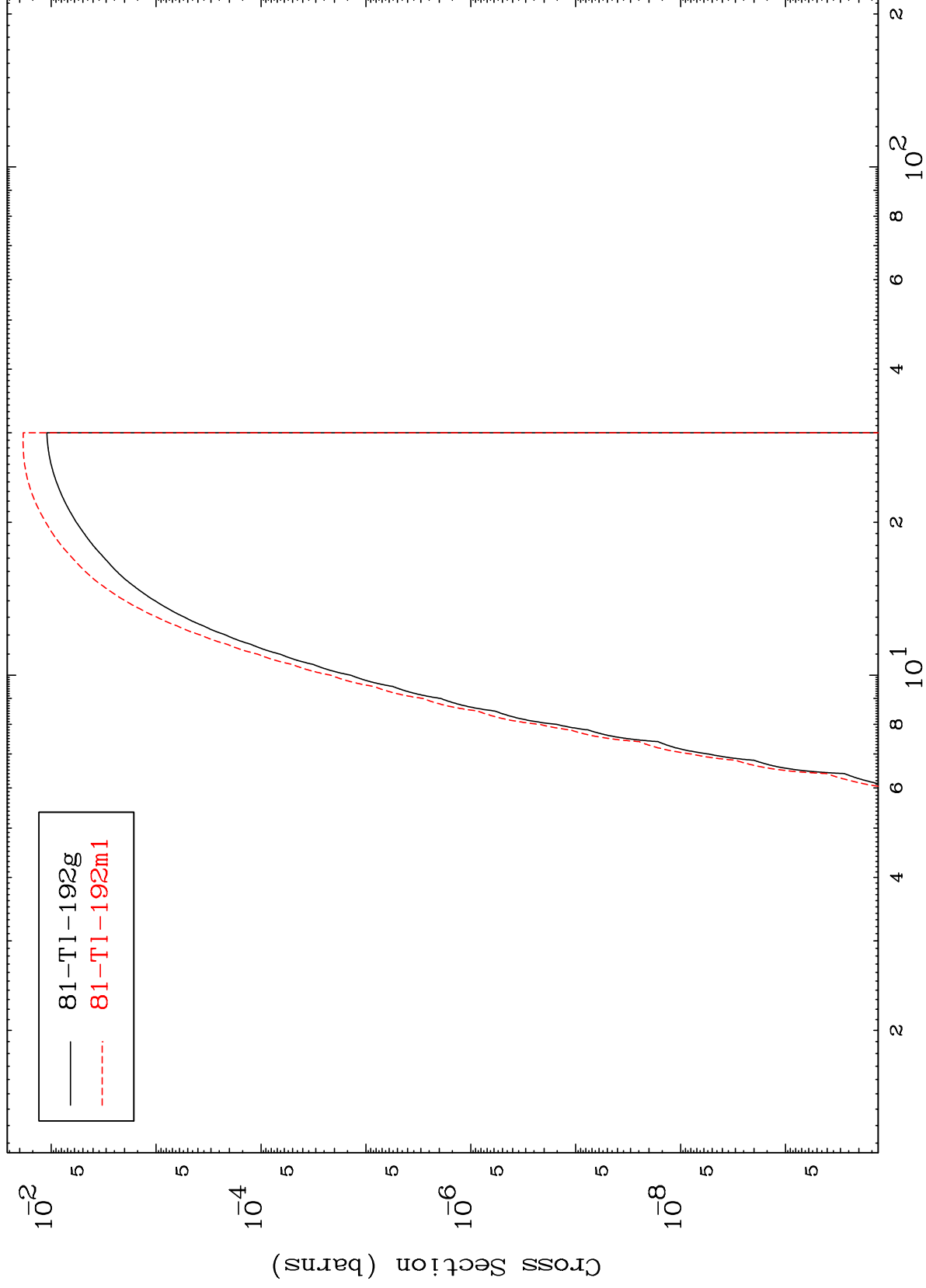
(n,p)
Radionuclide Production Cross Section



MAT 8193

82-Pb-193m

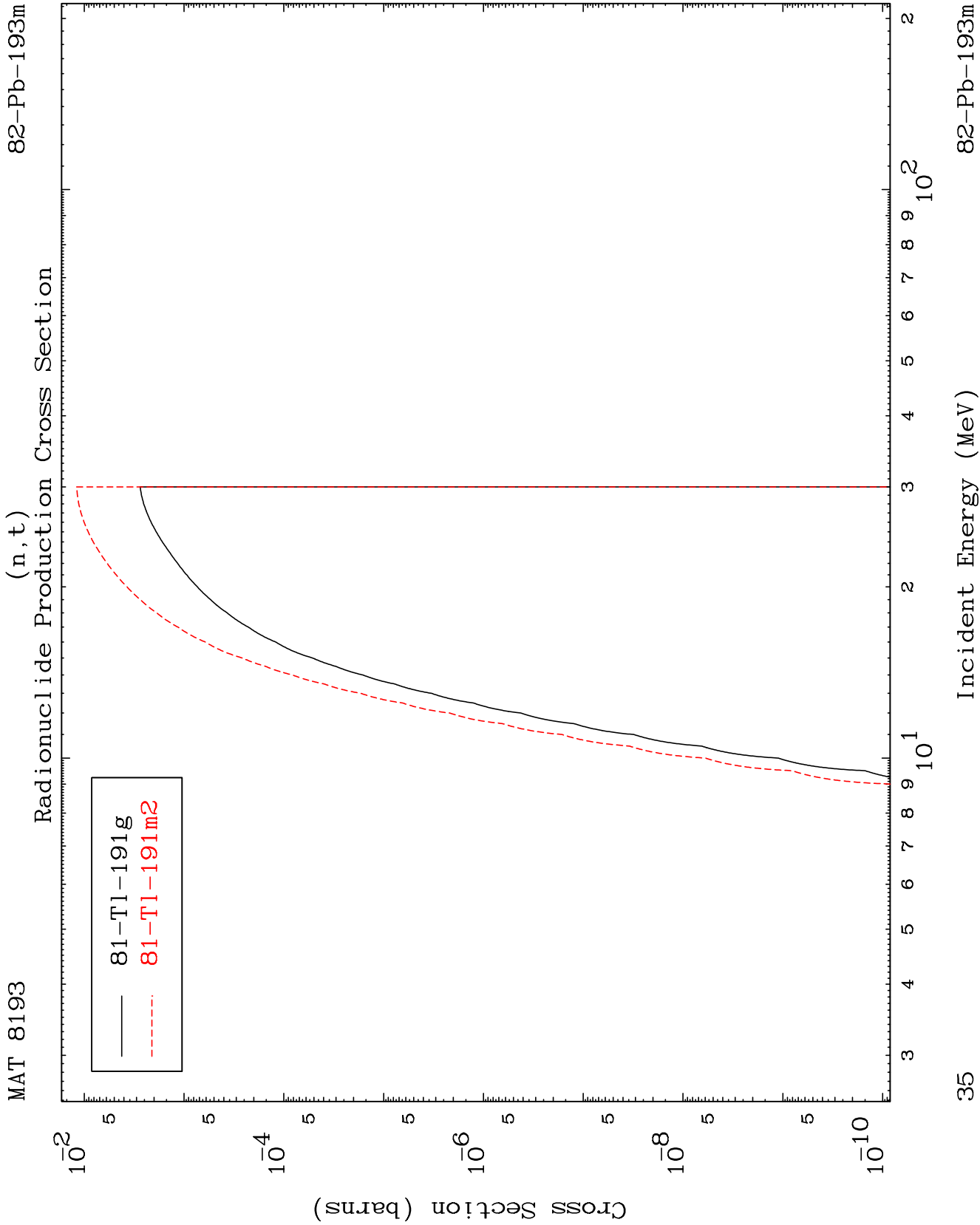
(n,d)
Radionuclide Production Cross Section



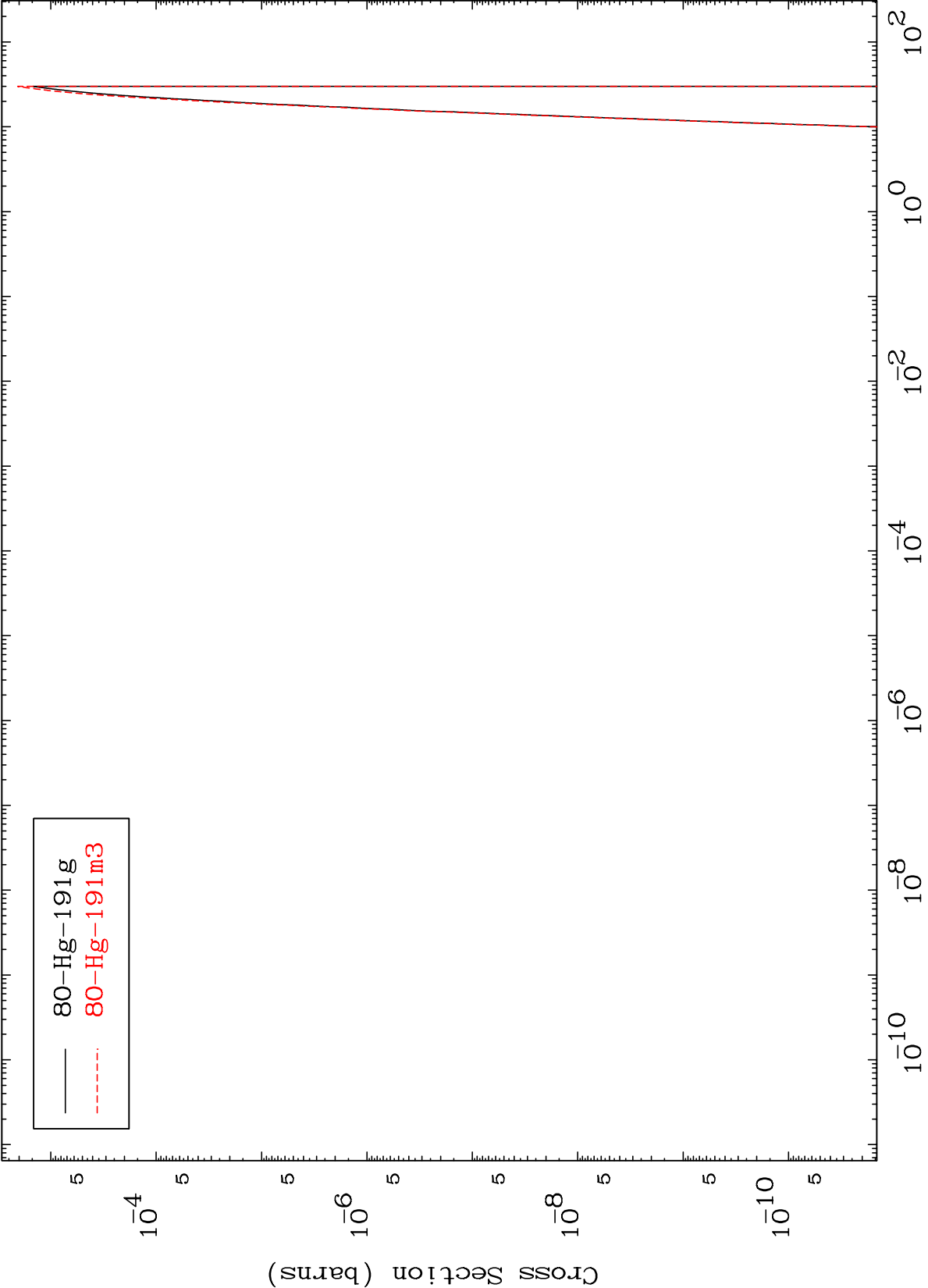
34

Incident Energy (MeV)

82-Pb-193m



Radionuclide Production Cross Section

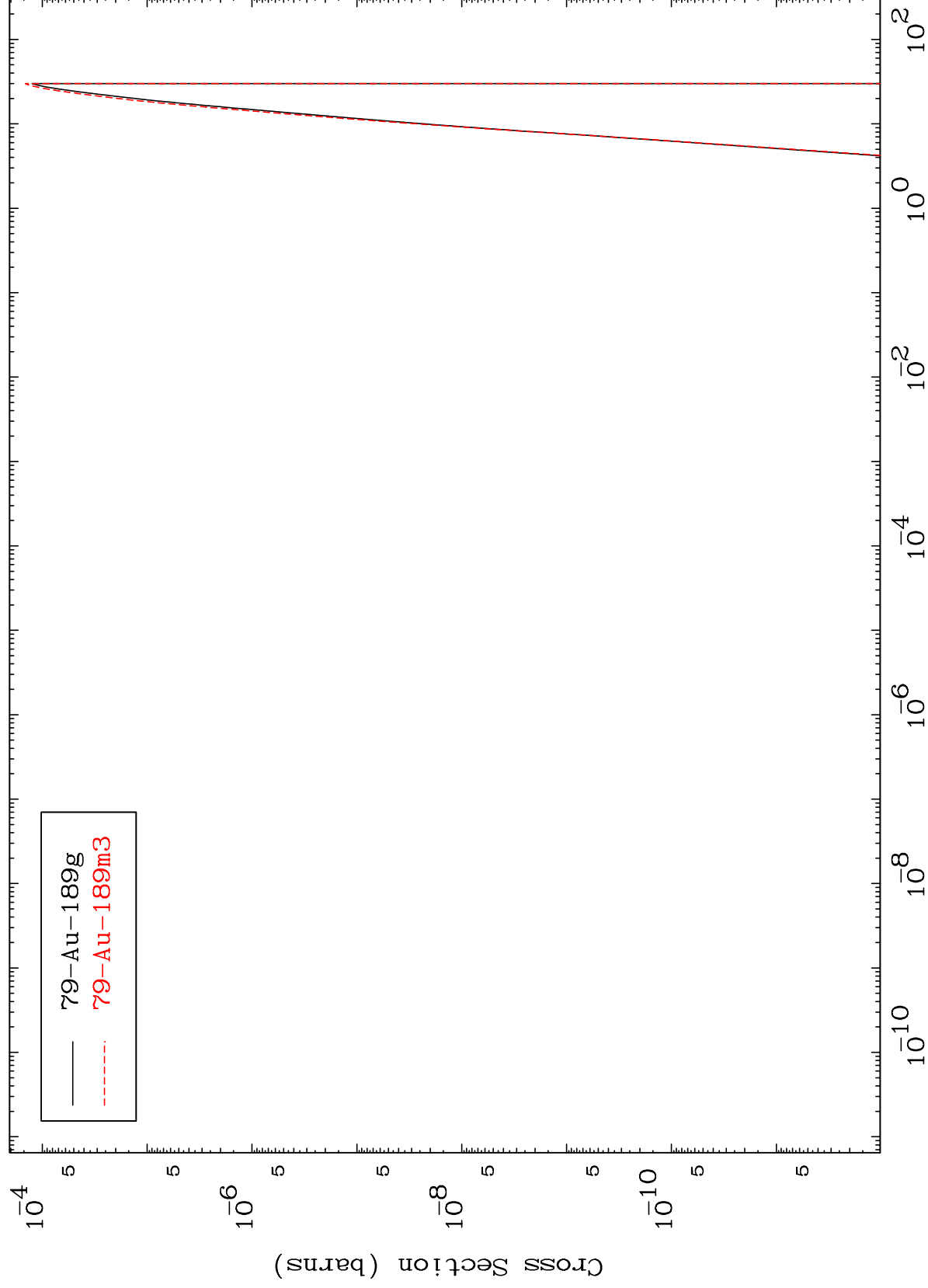


MAT 8193

(n,p) α

82-Pb-193m

Radionuclide Production Cross Section



37

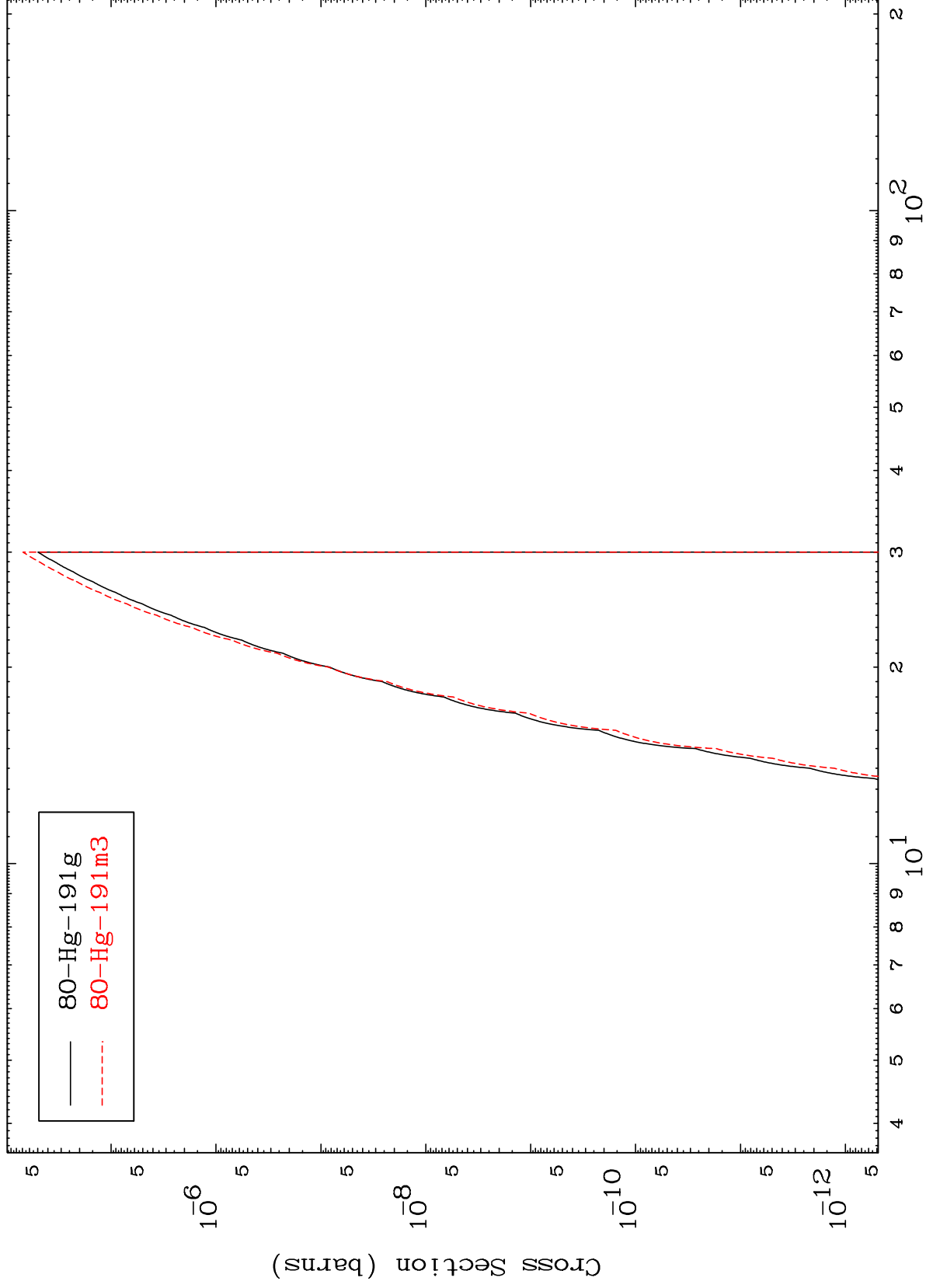
Incident Energy (MeV)

82-Pb-193m

MAT 8193

82-Pb-193m

(n,p) d
Radionuclide Production Cross Section



80-Hg-191 g
80-Hg-191 m3

82-Pb-193m

Incident Energy (MeV)

38