

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

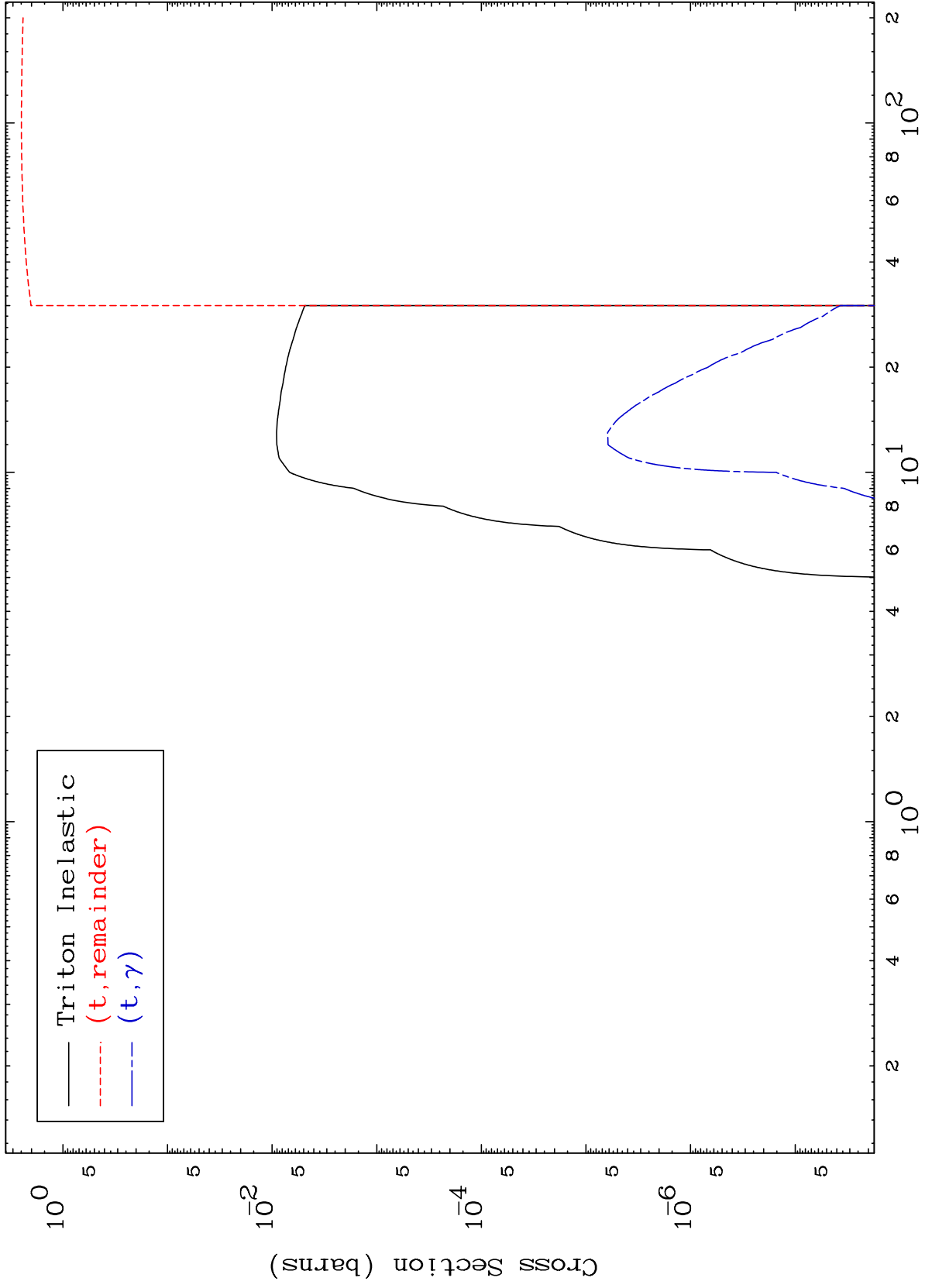
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Web:redcullen1.net/HOMEPAGE.NEW

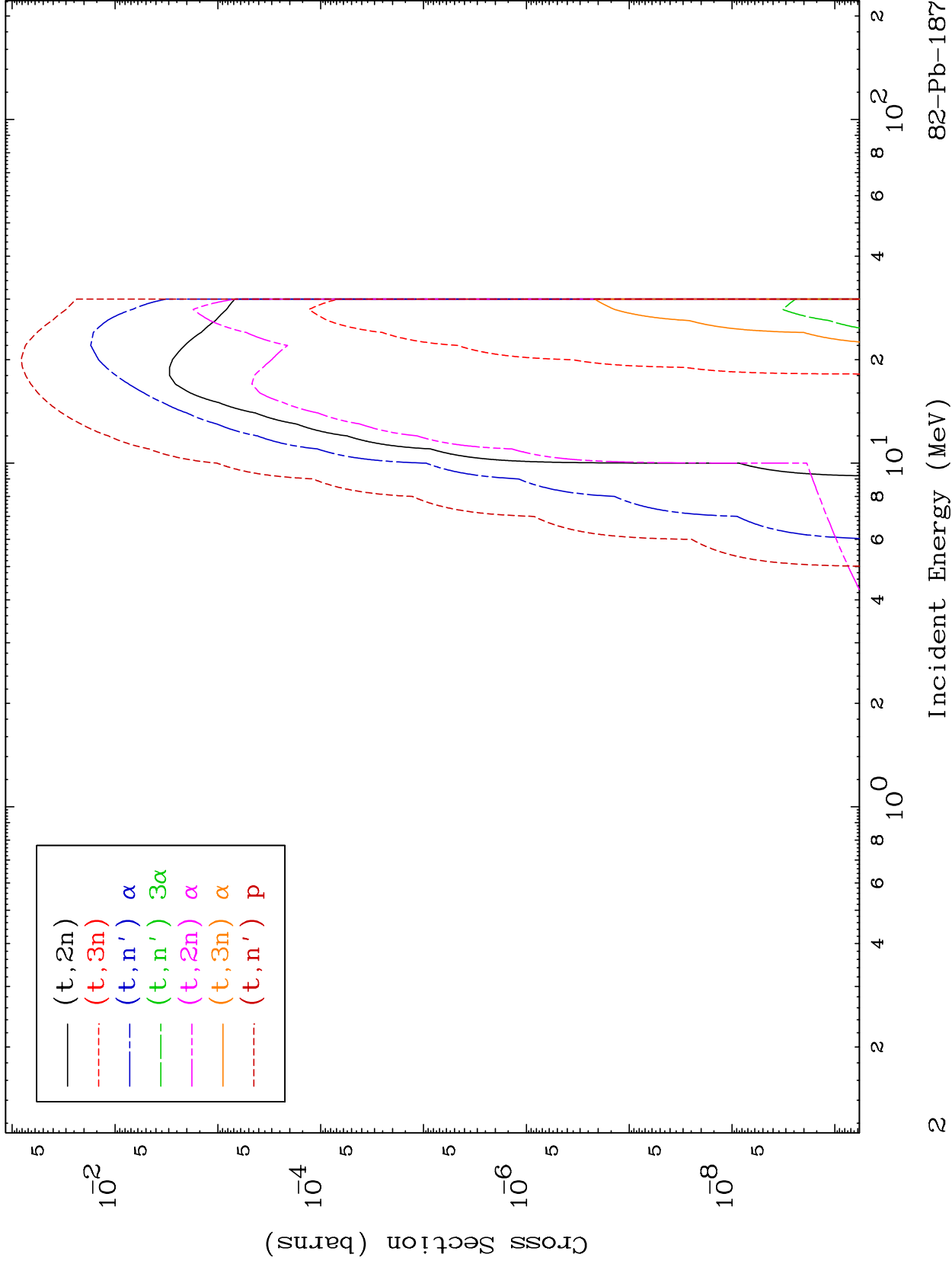
Press Mouse Button to Start

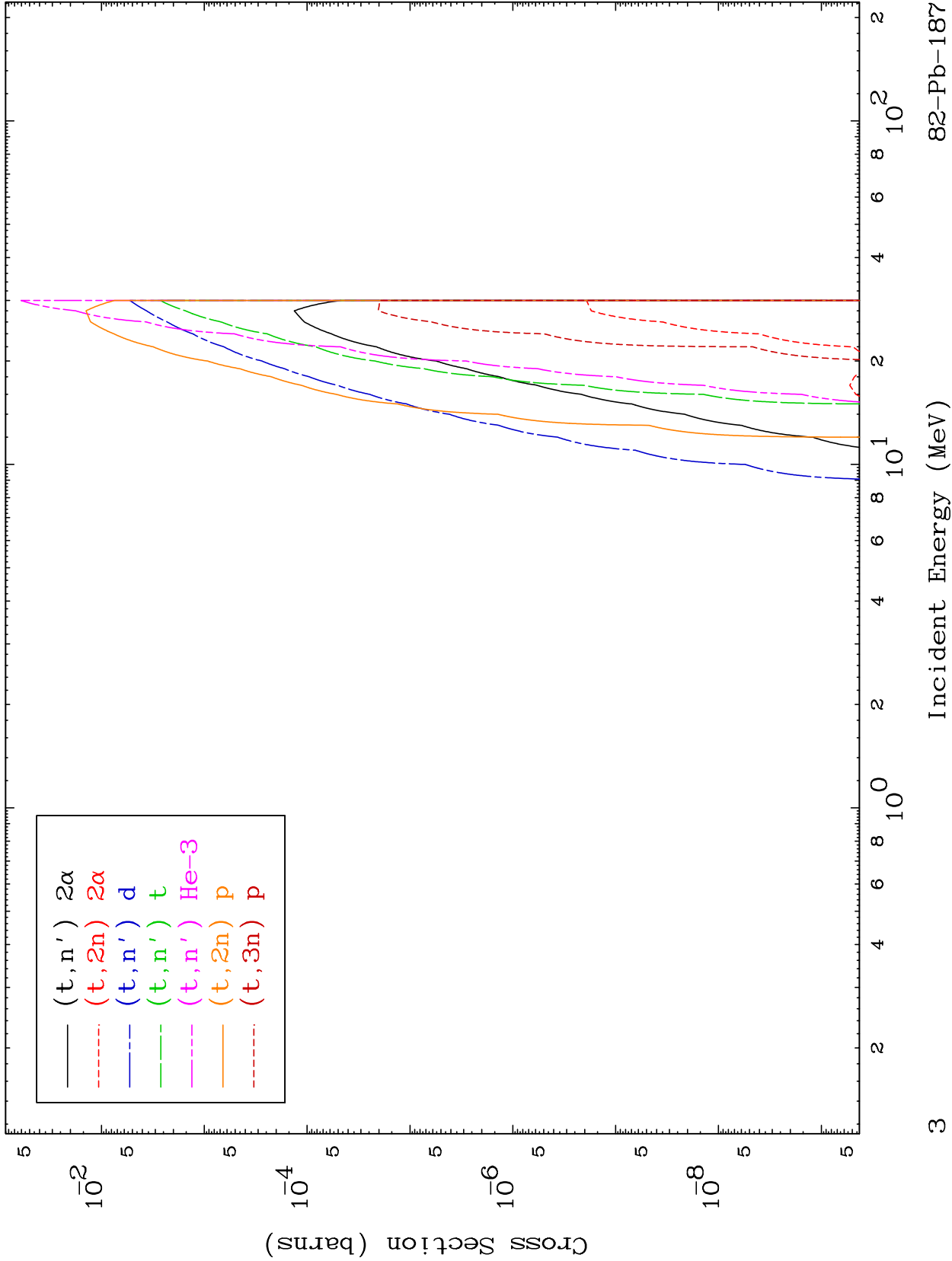


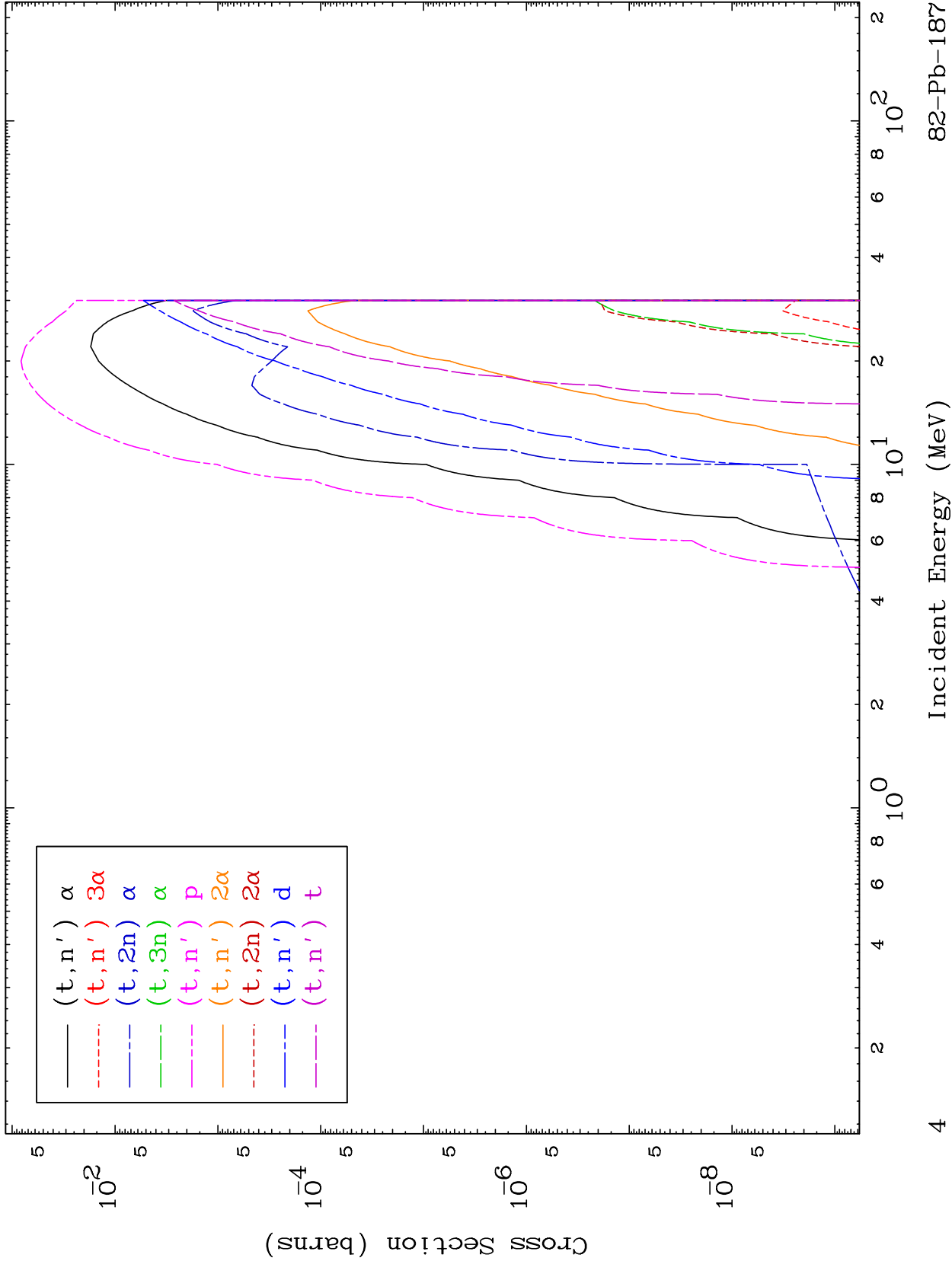
MAT 8174

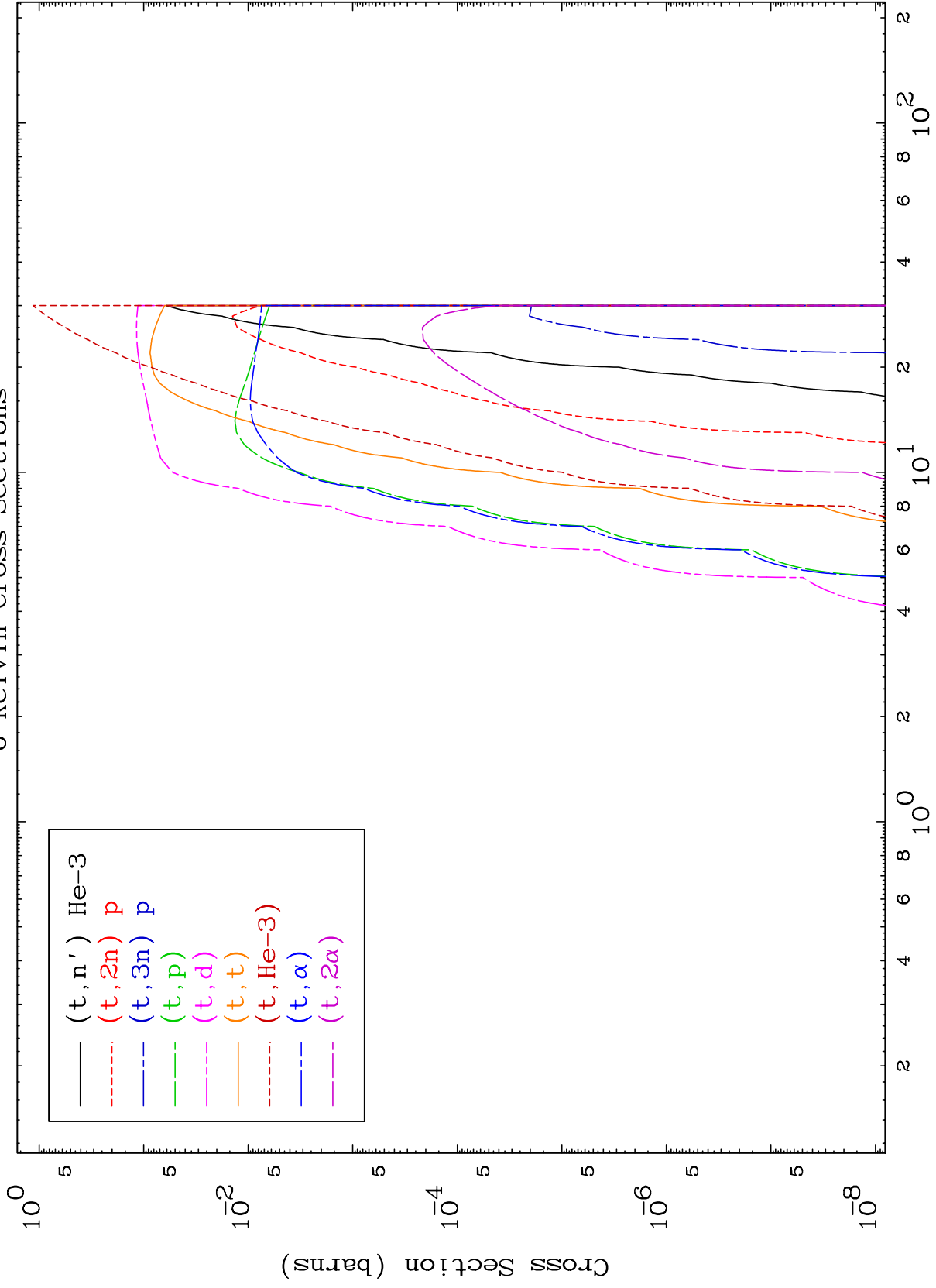
Triton Neutron Production
0 Kelvin Cross Sections

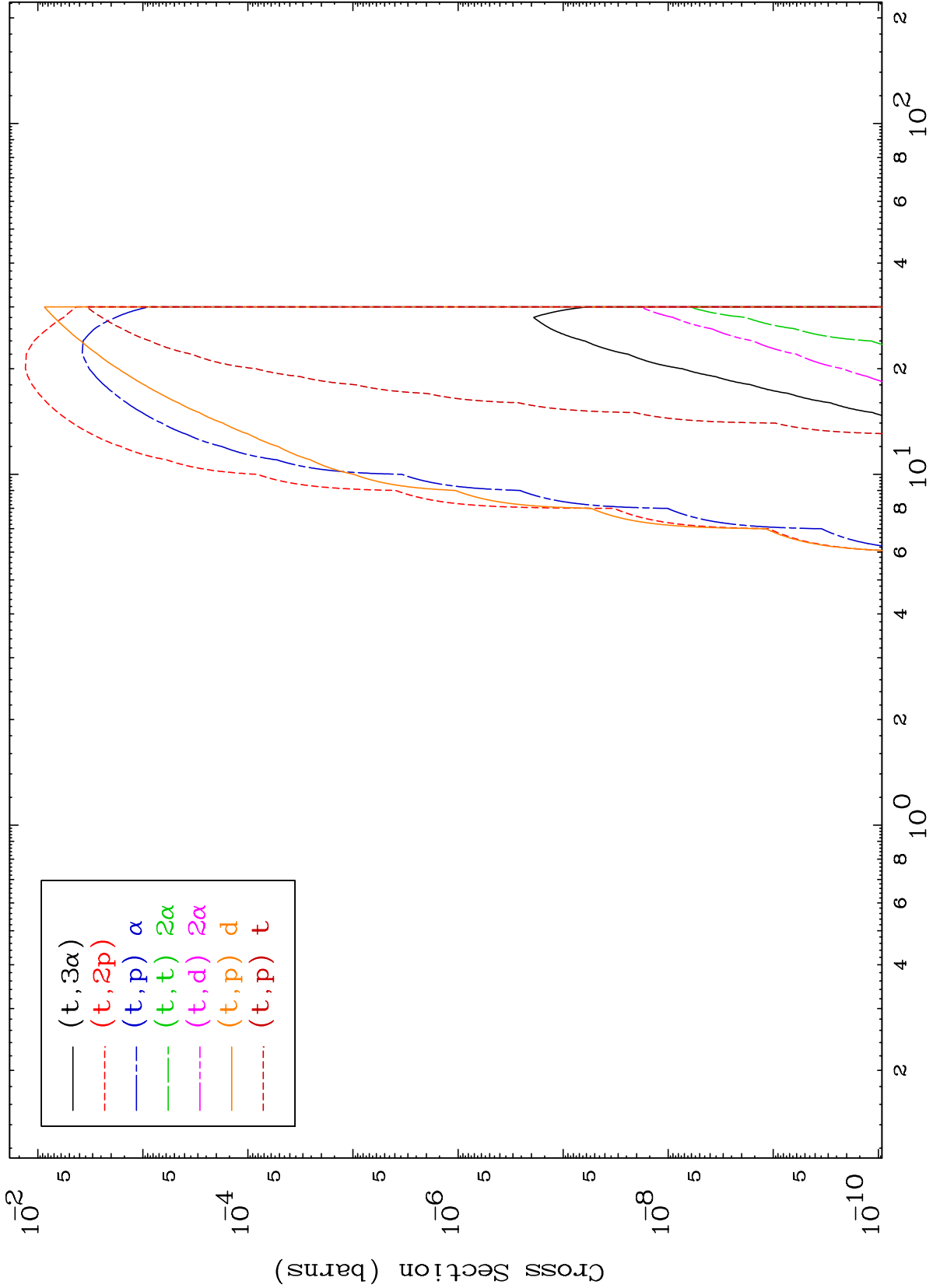
82-Pb-187









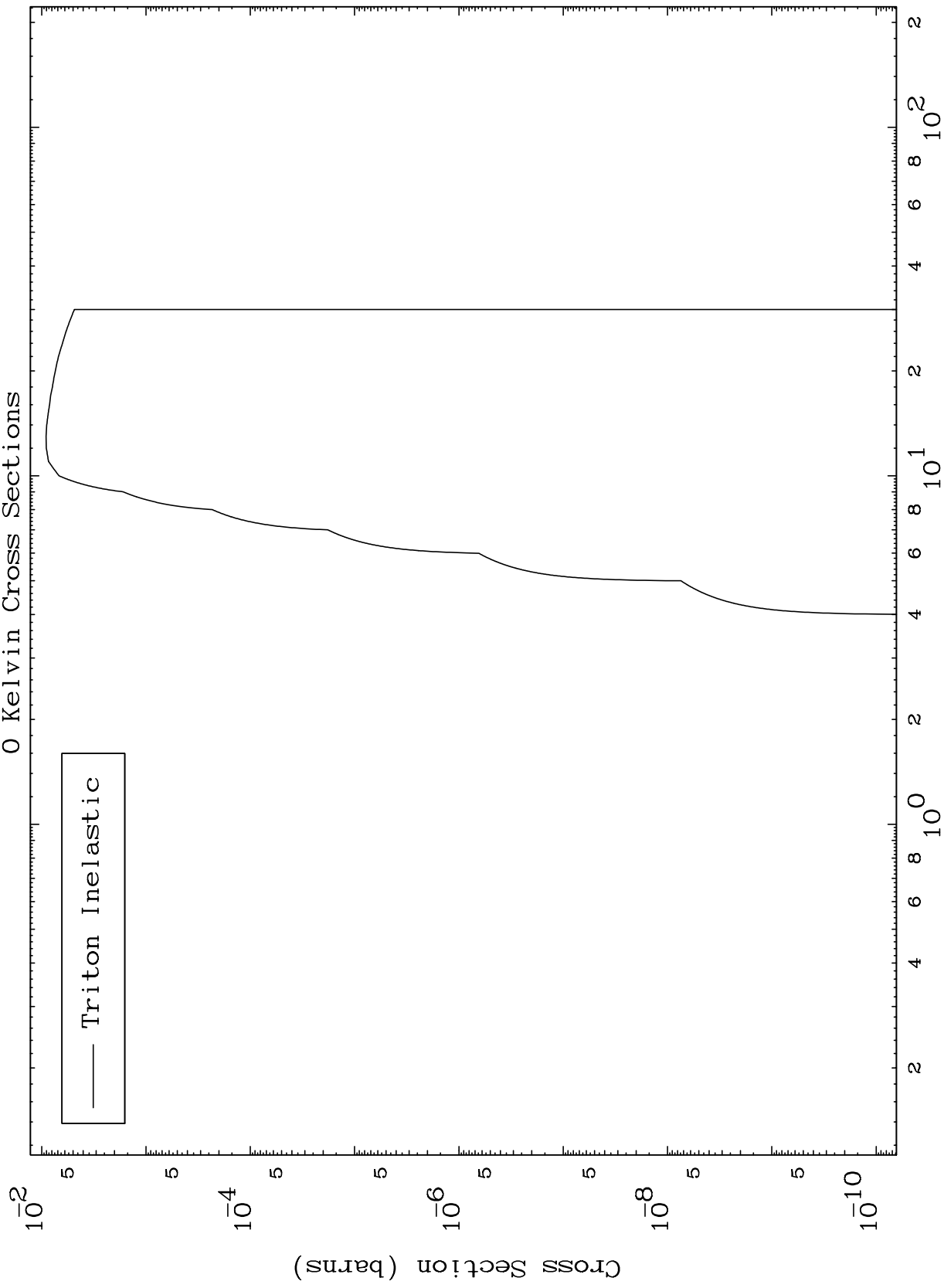


MAT 8174

82-Pb-187

(t, n') Level

0 Kelvin Cross Sections



82-Pb-187

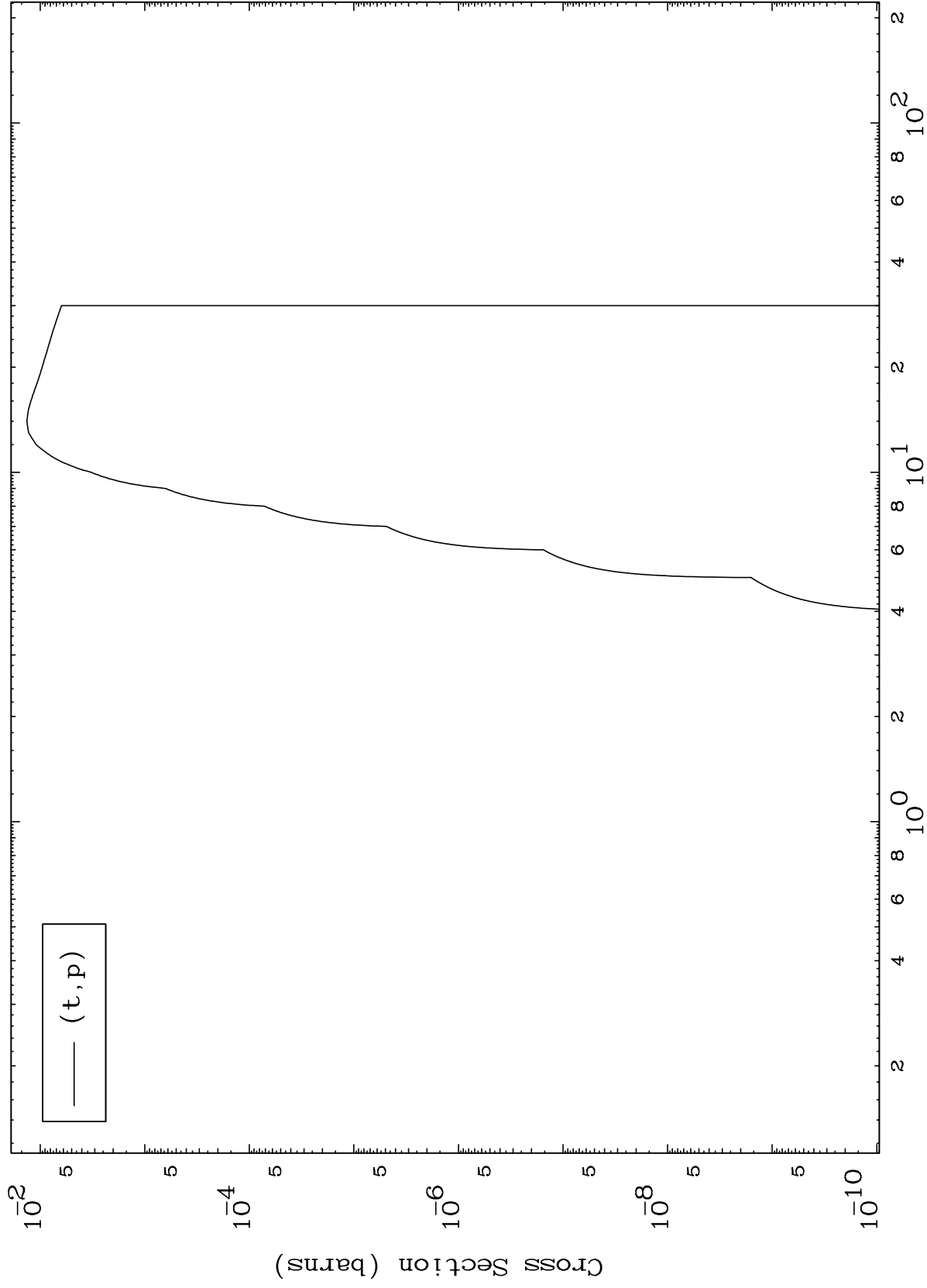
Incident Energy (MeV)

7

MAT 8174

82-Pb-187

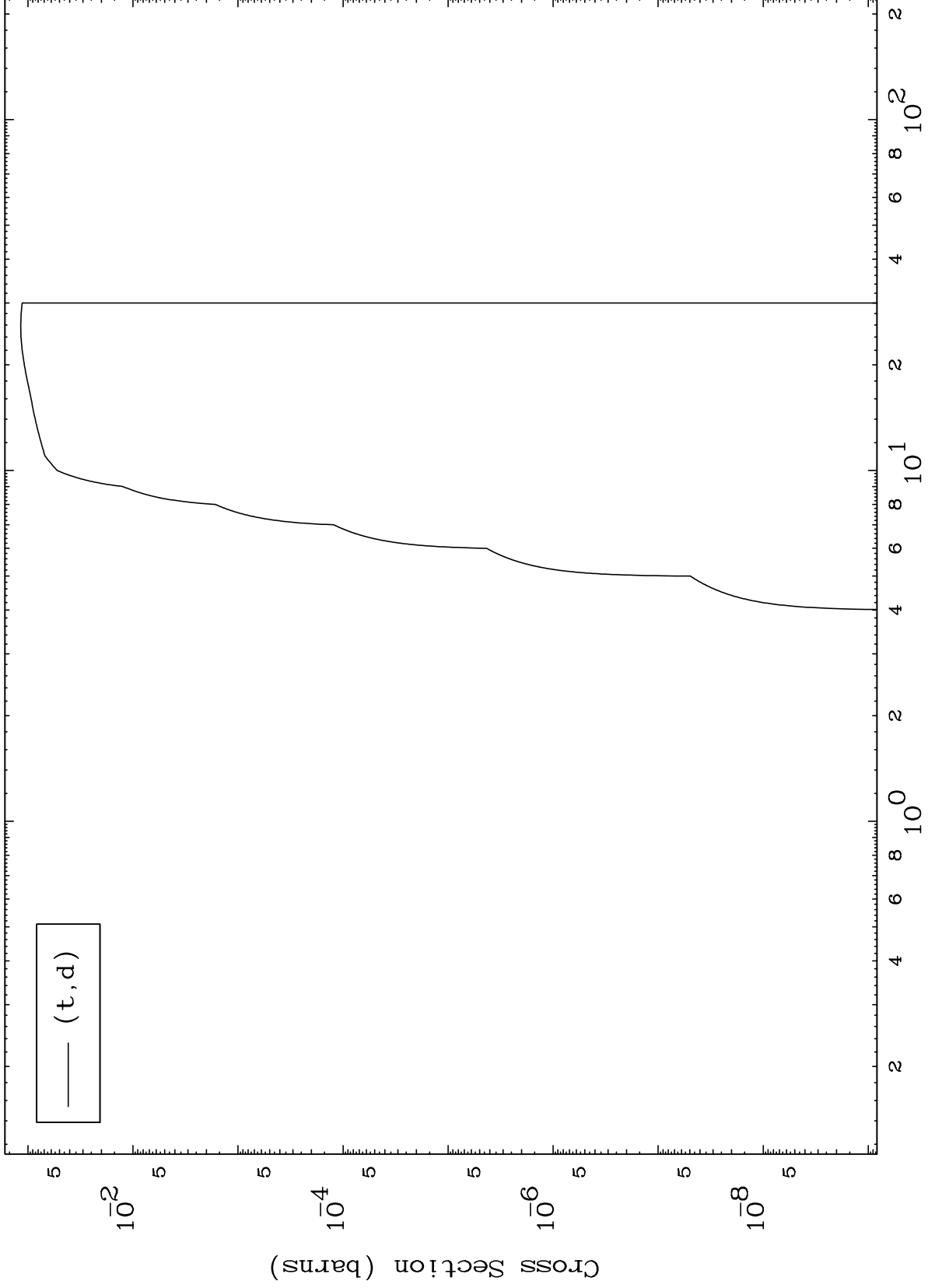
(t,p) Levels
0 Kelvin Cross Sections



MAT 8174

(t,d) Levels
0 Kelvin Cross Sections

82-Pb-187

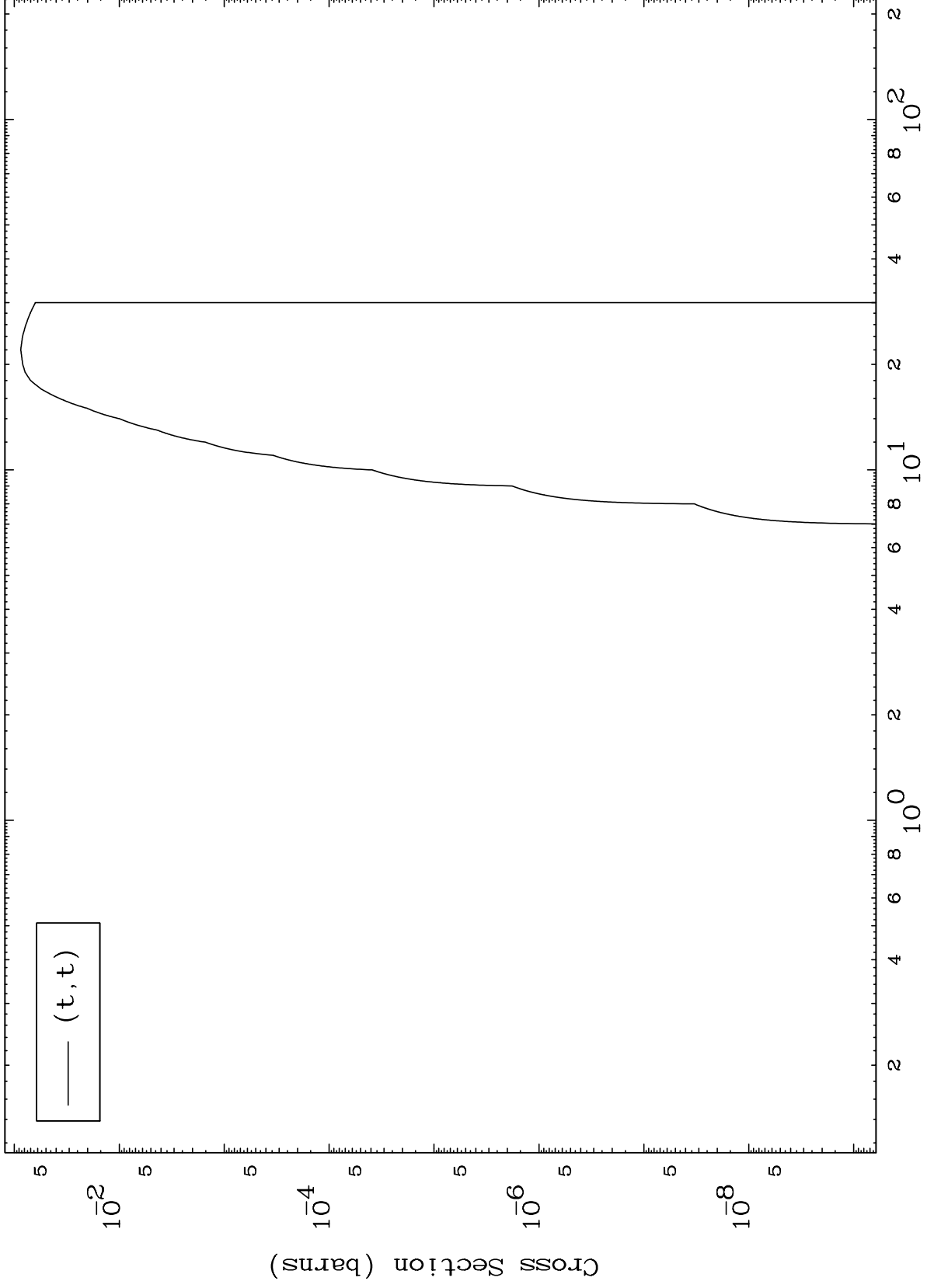


MAT 8174

(t, t) Levels

82-Pb-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

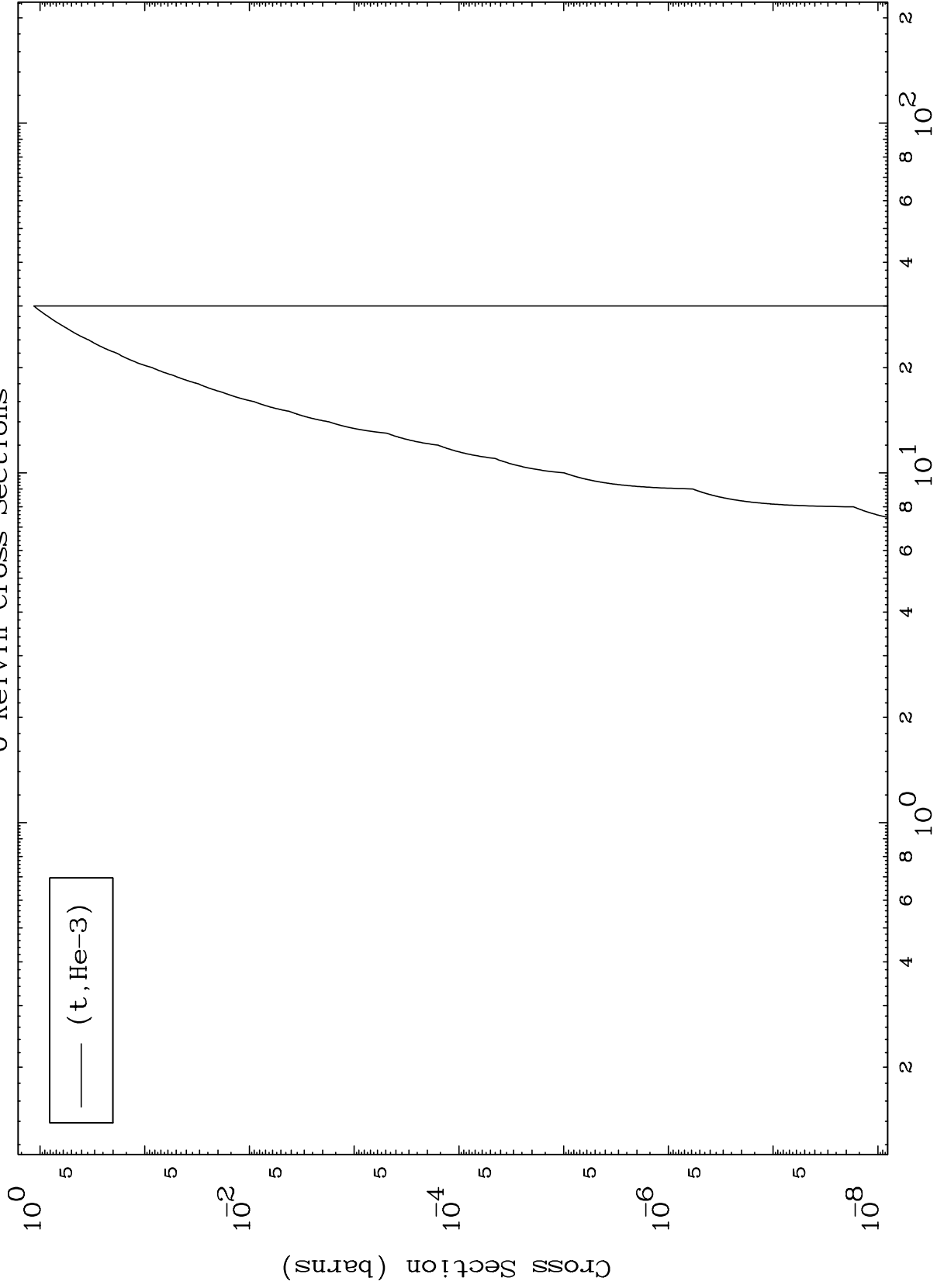
82-Pb-187

MAT 8174

(t,He3) Levels

82-Pb-187

0 Kelvin Cross Sections

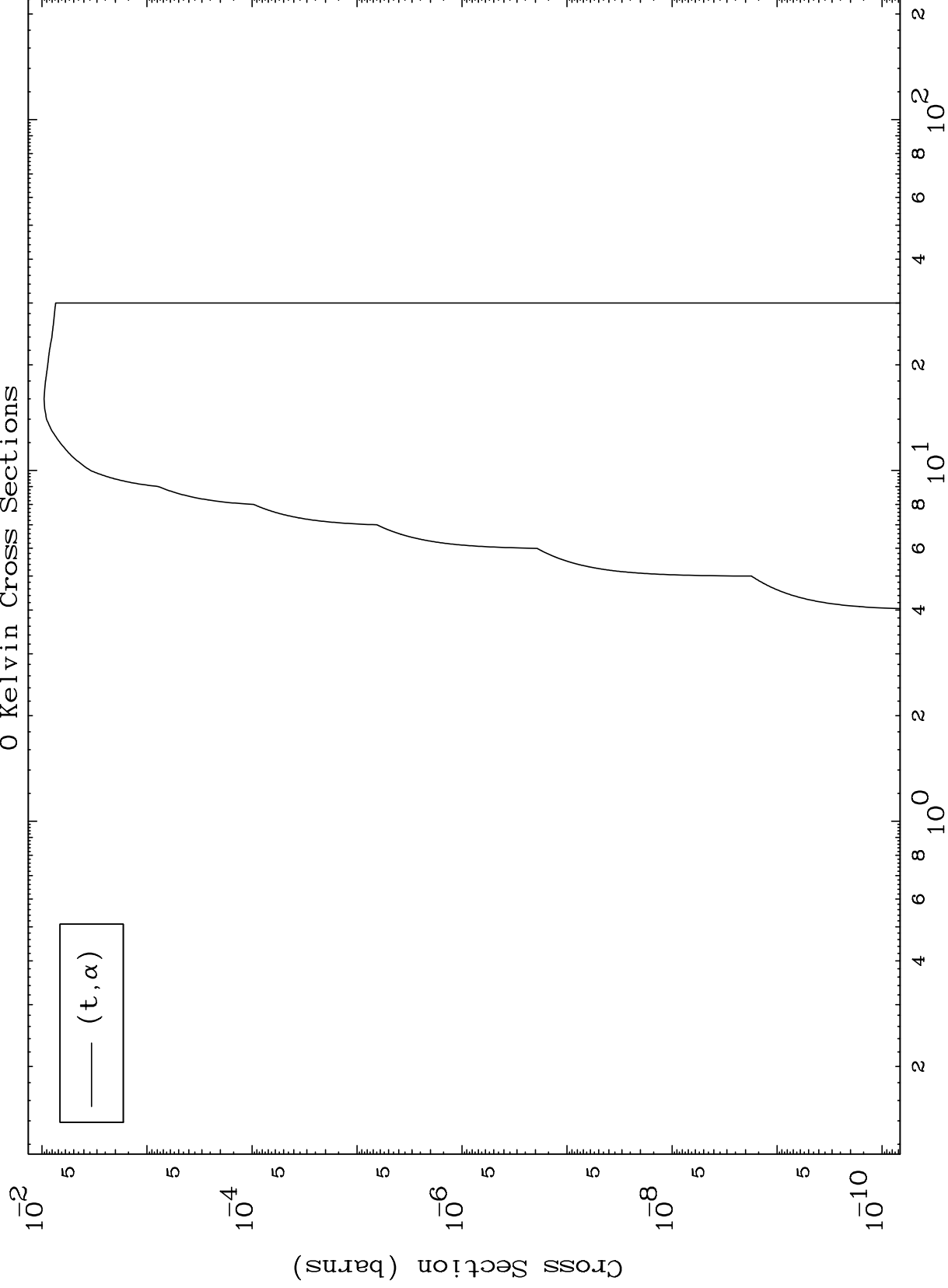


MAT 8174

82-Pb-187

(t, α) Levels

0 Kelvin Cross Sections



82-Pb-187

Incident Energy (MeV)

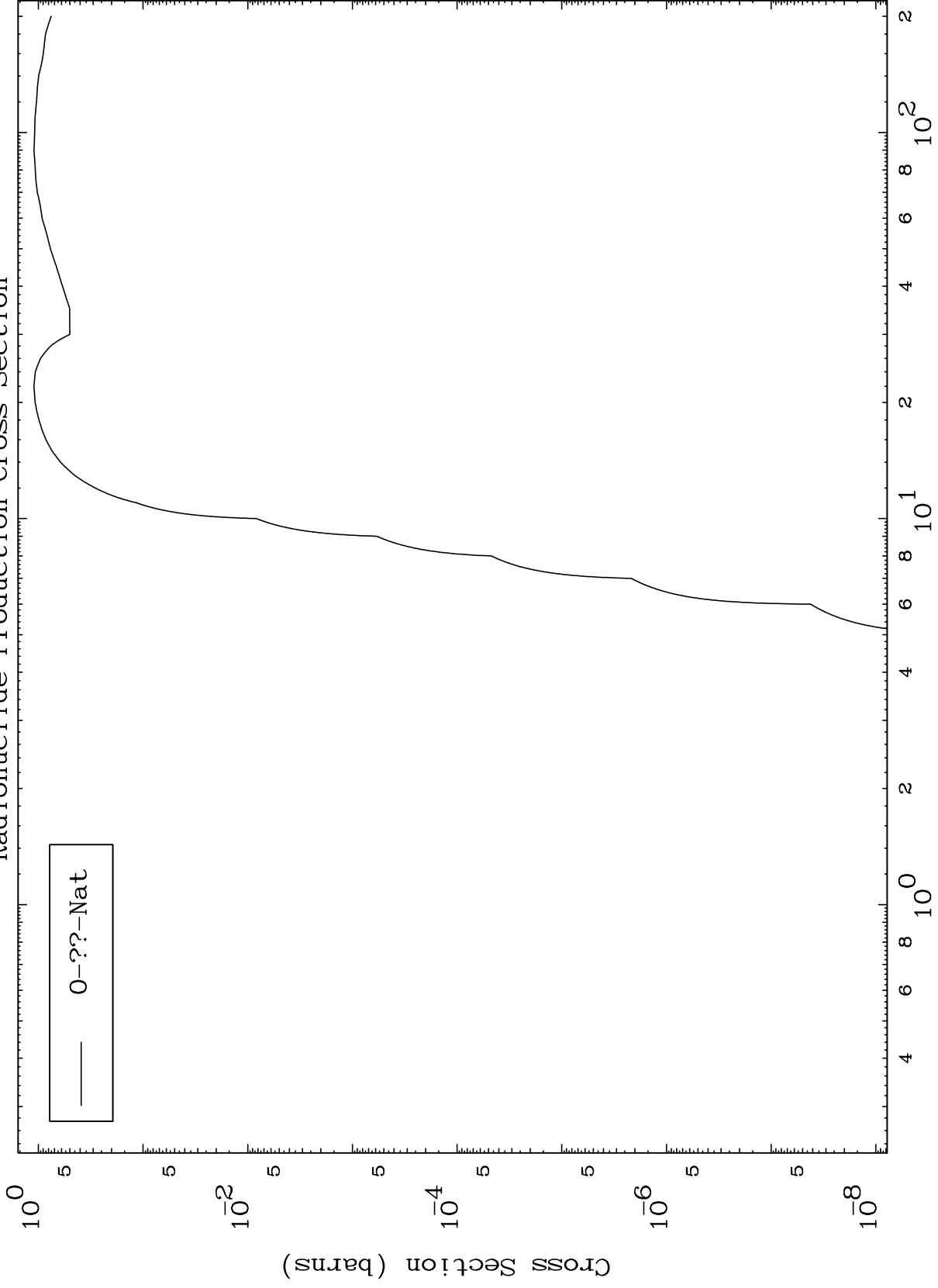
12

MAT 8174

Triton Fission

82-Pb-187

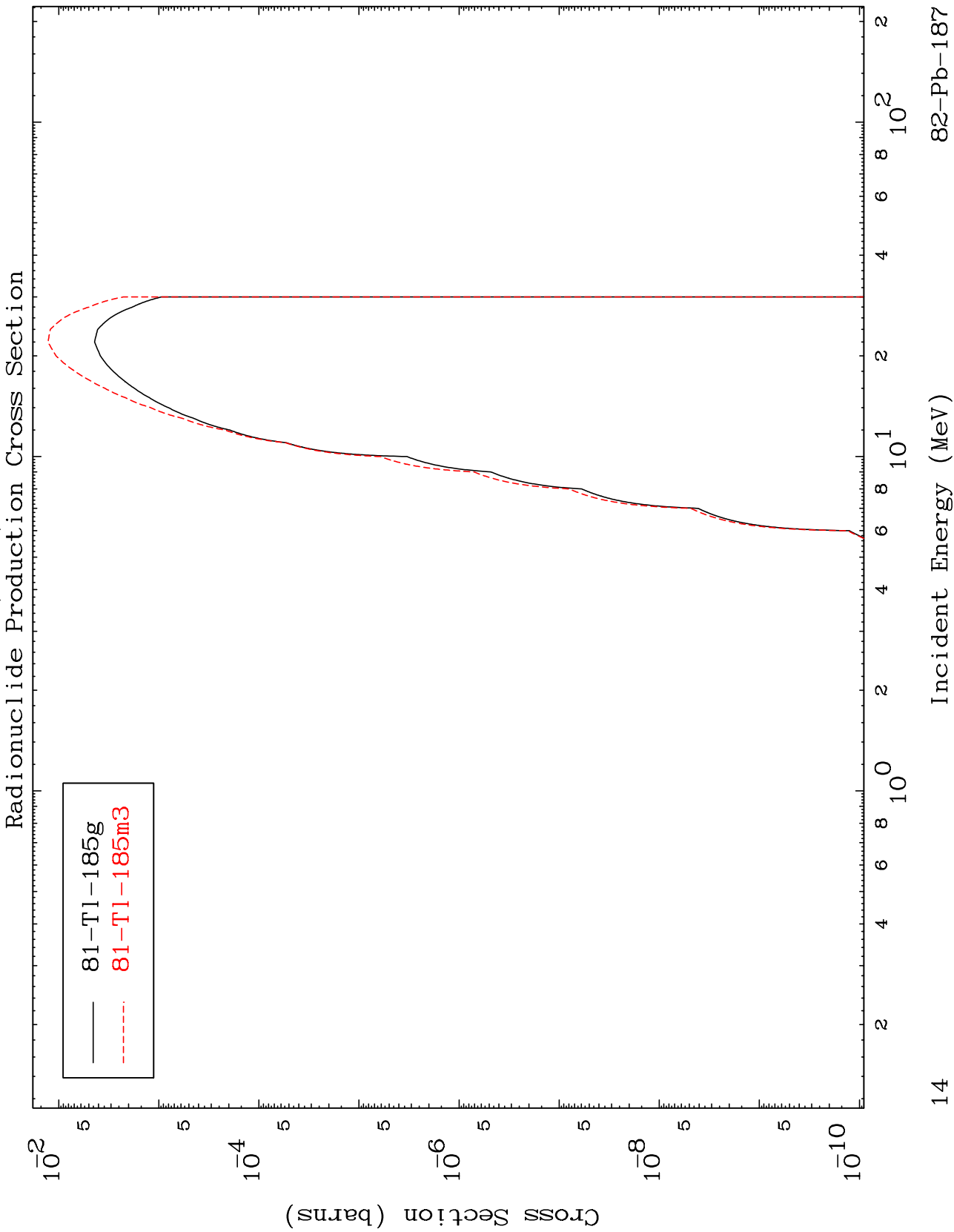
Radionuclide Production Cross Section



MAT 8174

(t,n') α

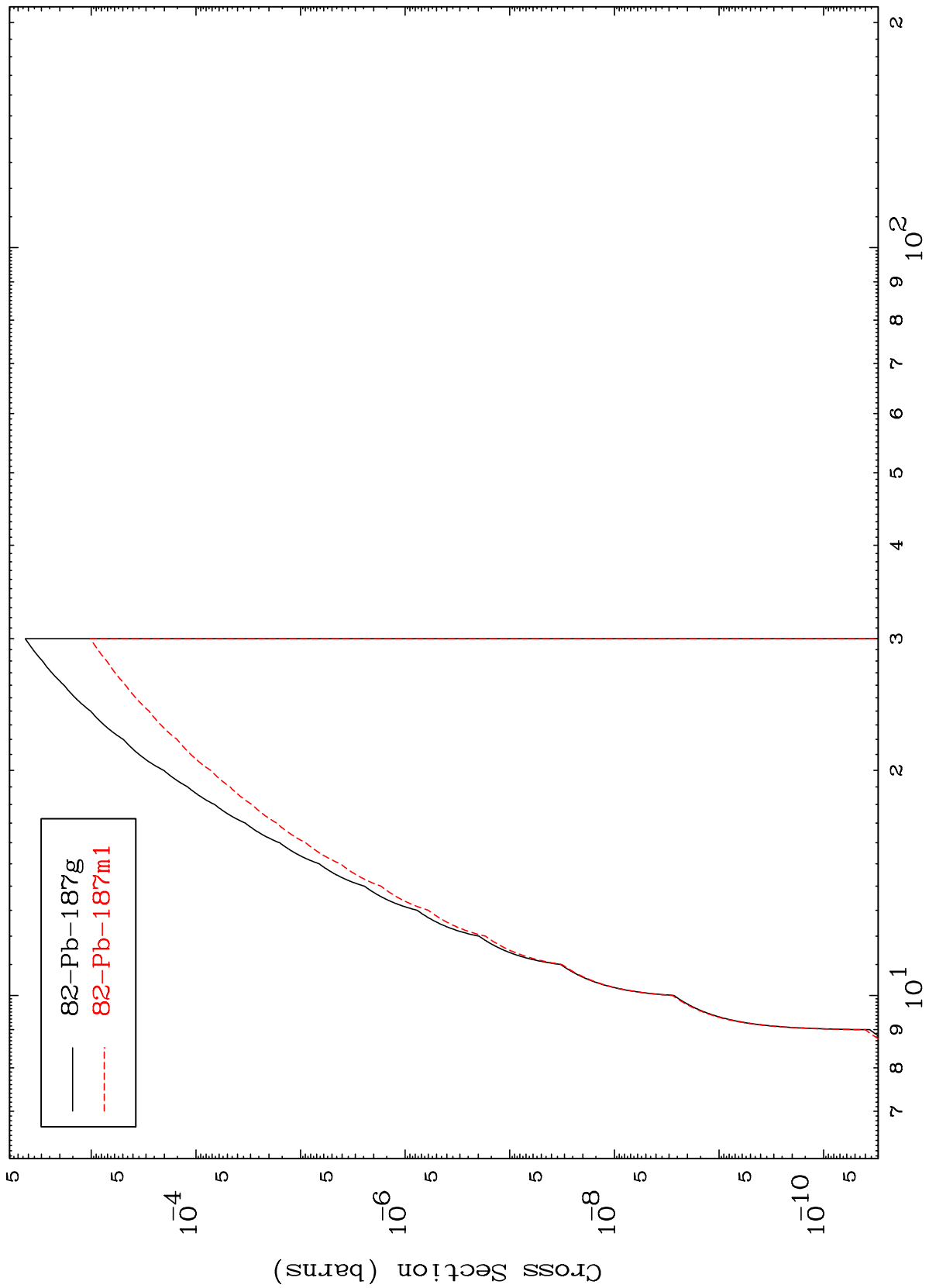
82-Pb-187



MAT 8174

82-Pb-187

(t,n') d
Radionuclide Production Cross Section



15

Incident Energy (MeV)

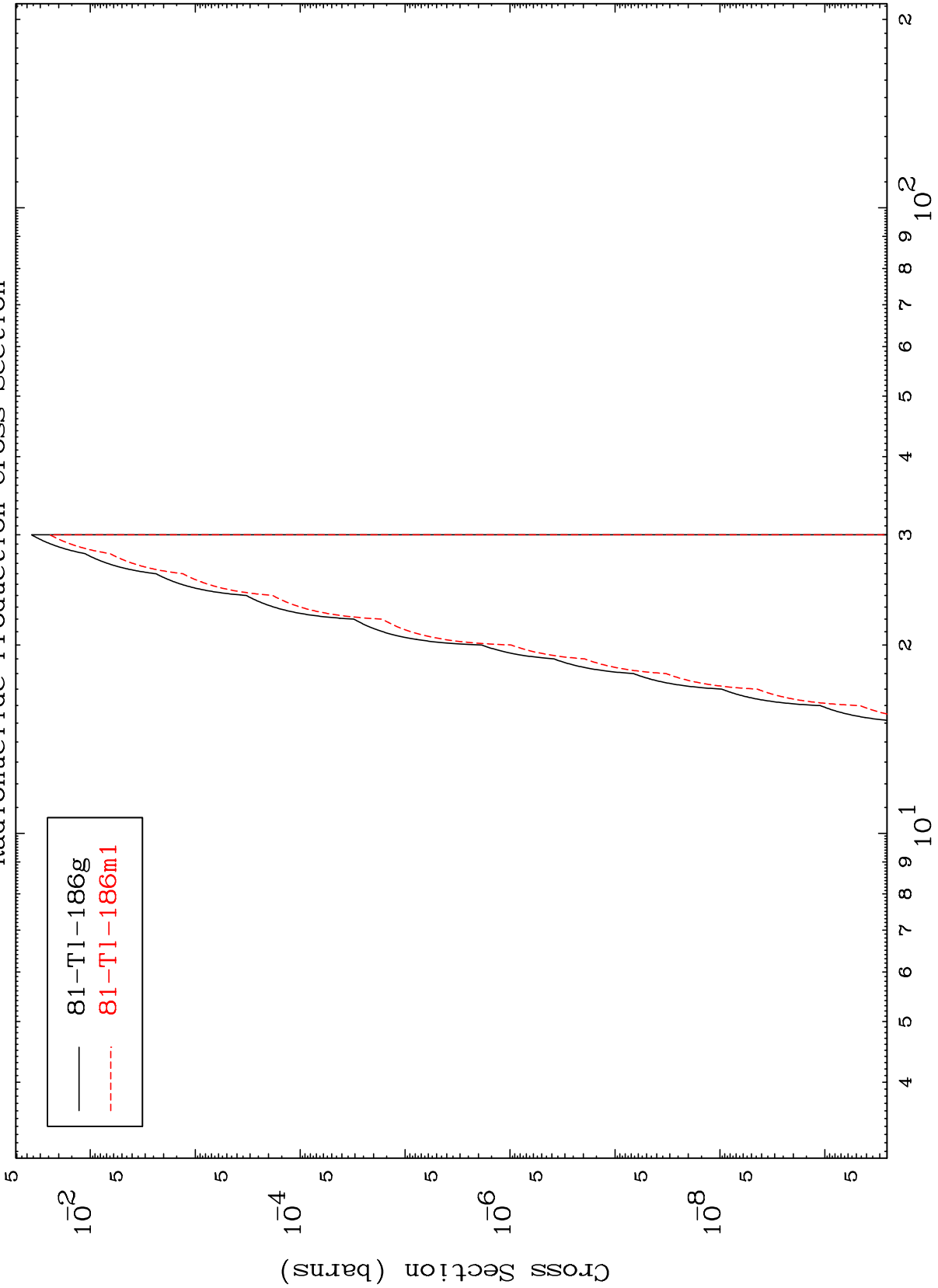
82-Pb-187

MAT 8174

(t,n') He-3

82-Pb-187

Radionuclide Production Cross Section



81-Tl-186g
81-Tl-186m1

16

Incident Energy (MeV)

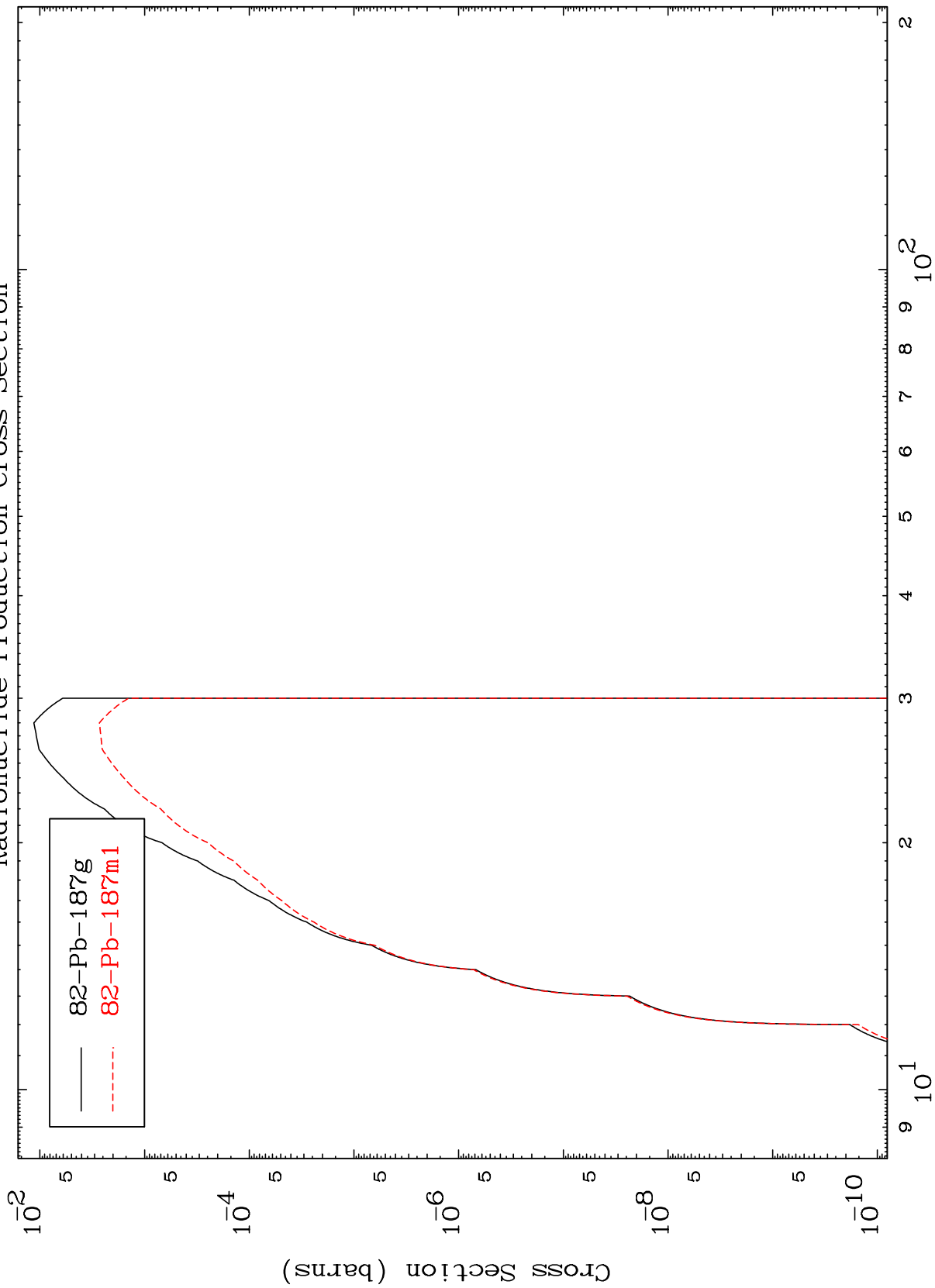
82-Pb-187

MAT 8174

82-Pb-187

(t,2n) p

Radionuclide Production Cross Section



17

Incident Energy (MeV)

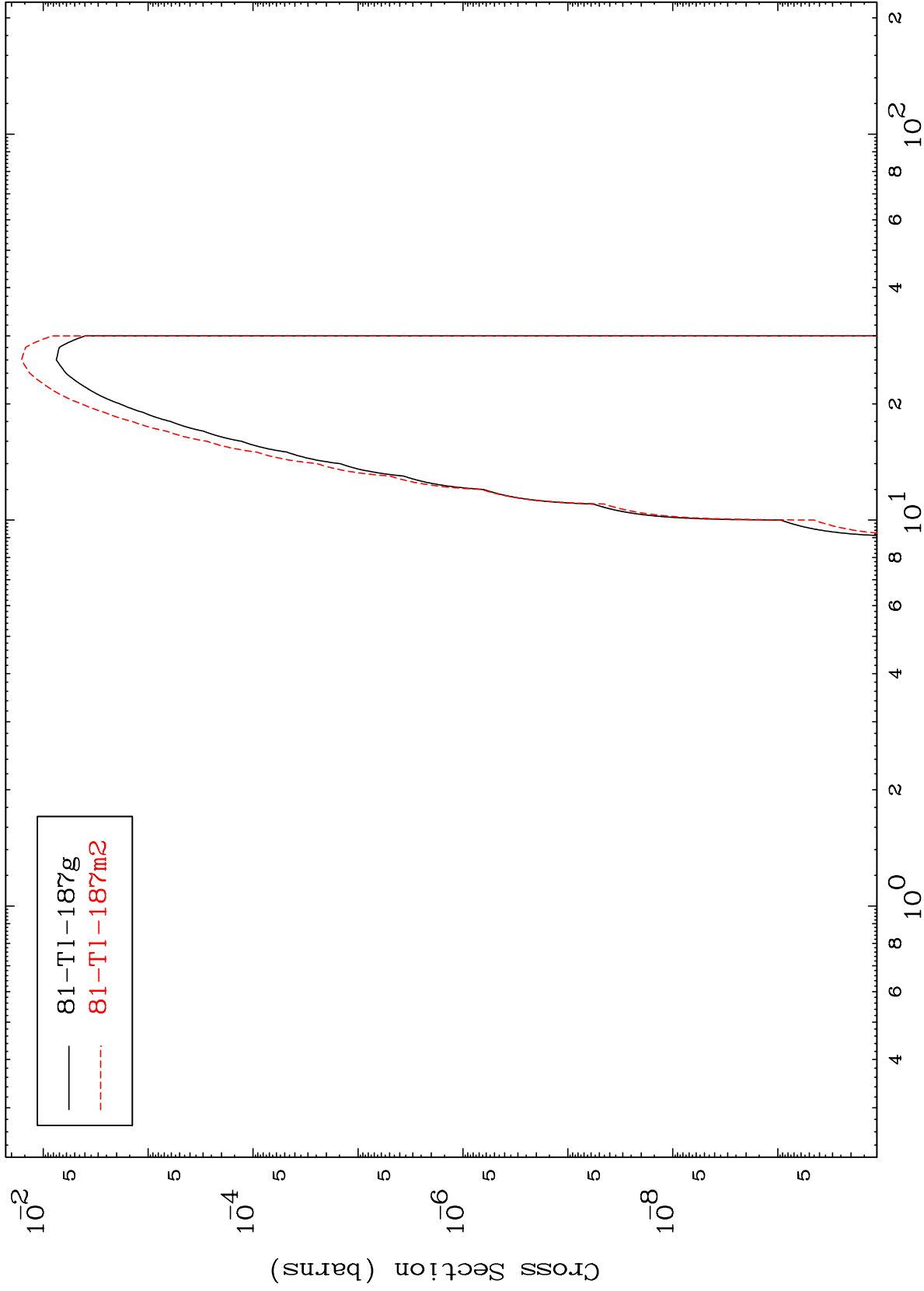
82-Pb-187

MAT 8174

(t,2n) p

82-Pb-187

Radionuclide Production Cross Section



18

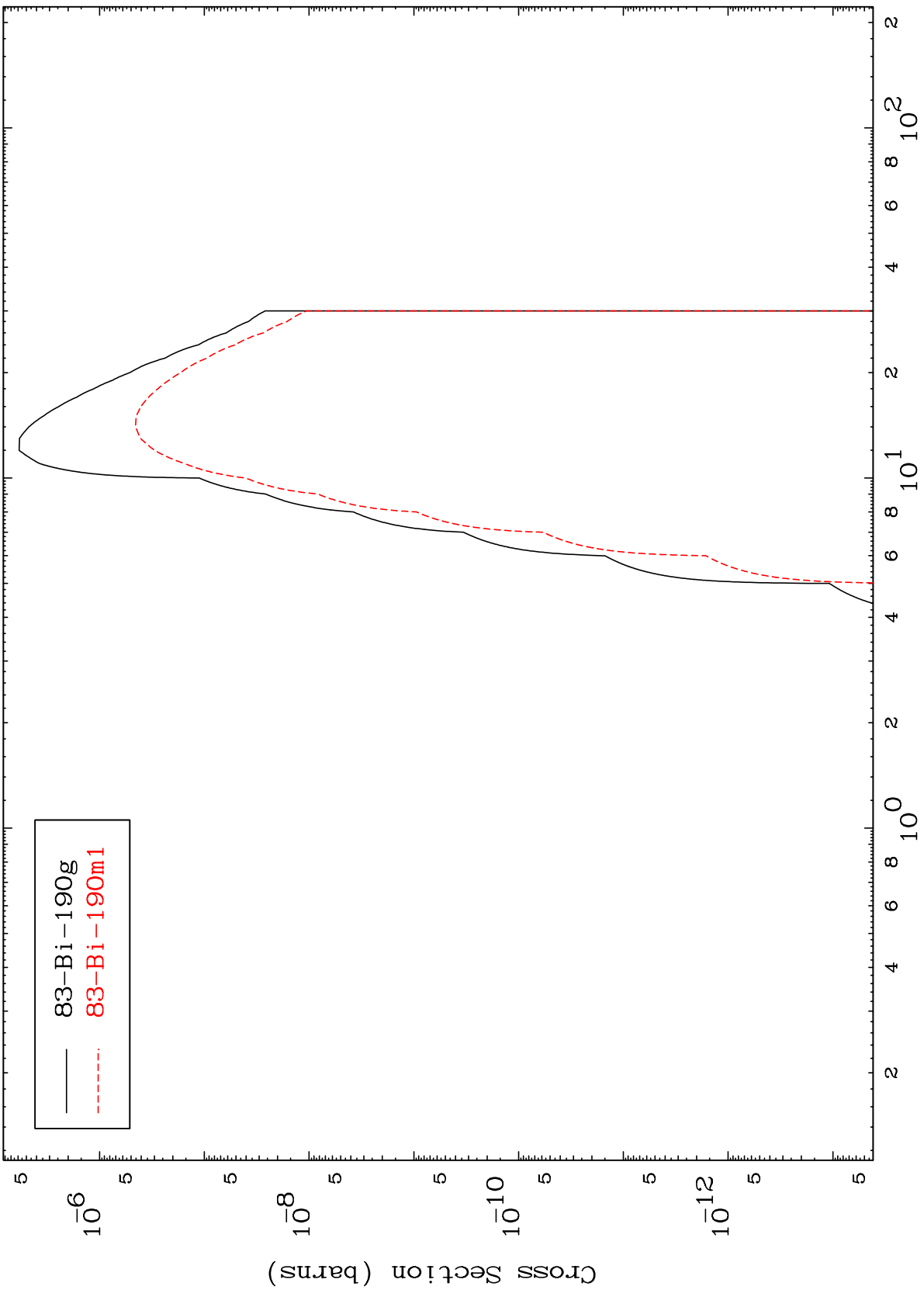
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

(t, γ)
Radionuclide Production Cross Section



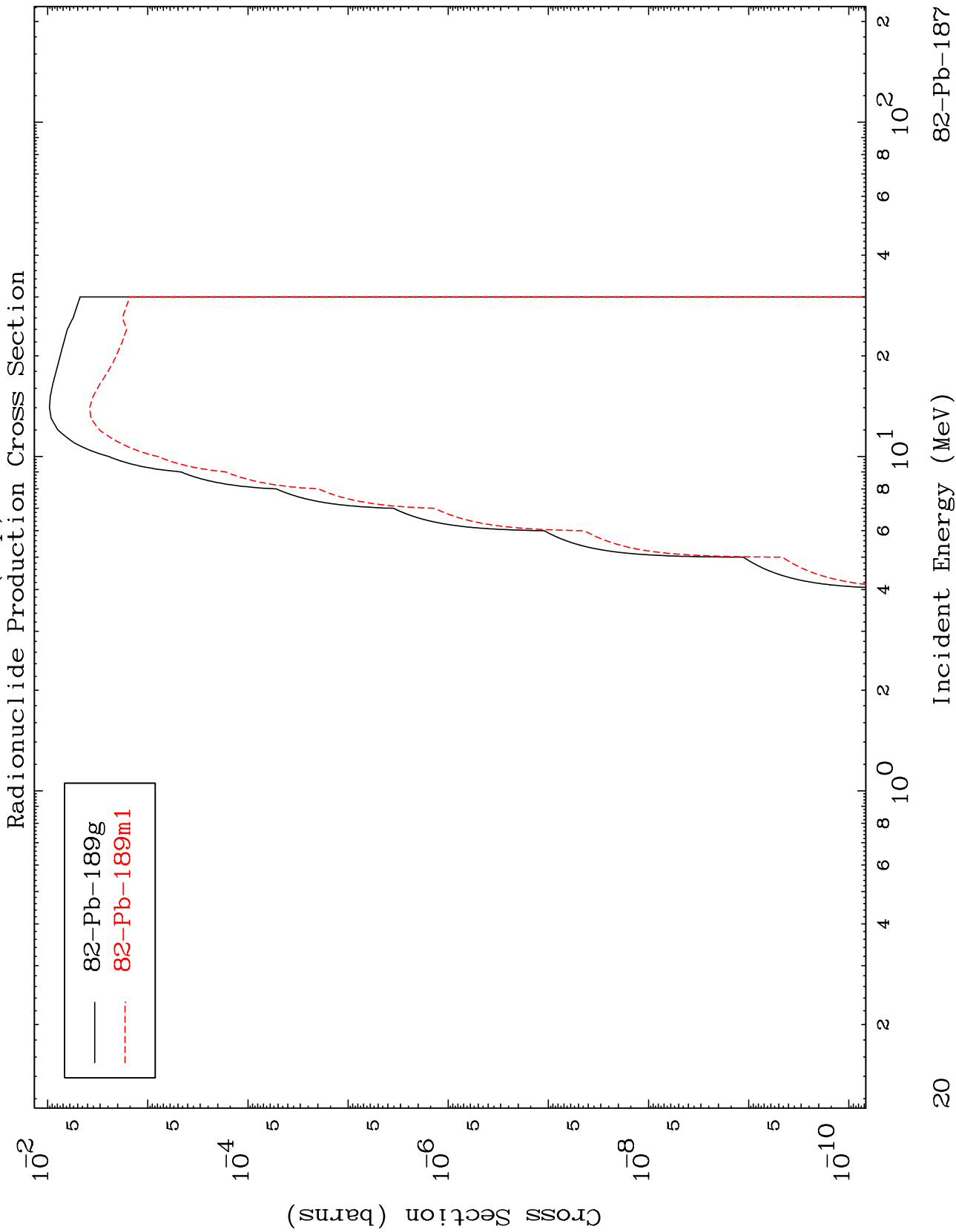
19

82-Pb-187

Incident Energy (MeV)

MAT 8174

82-Pb-187



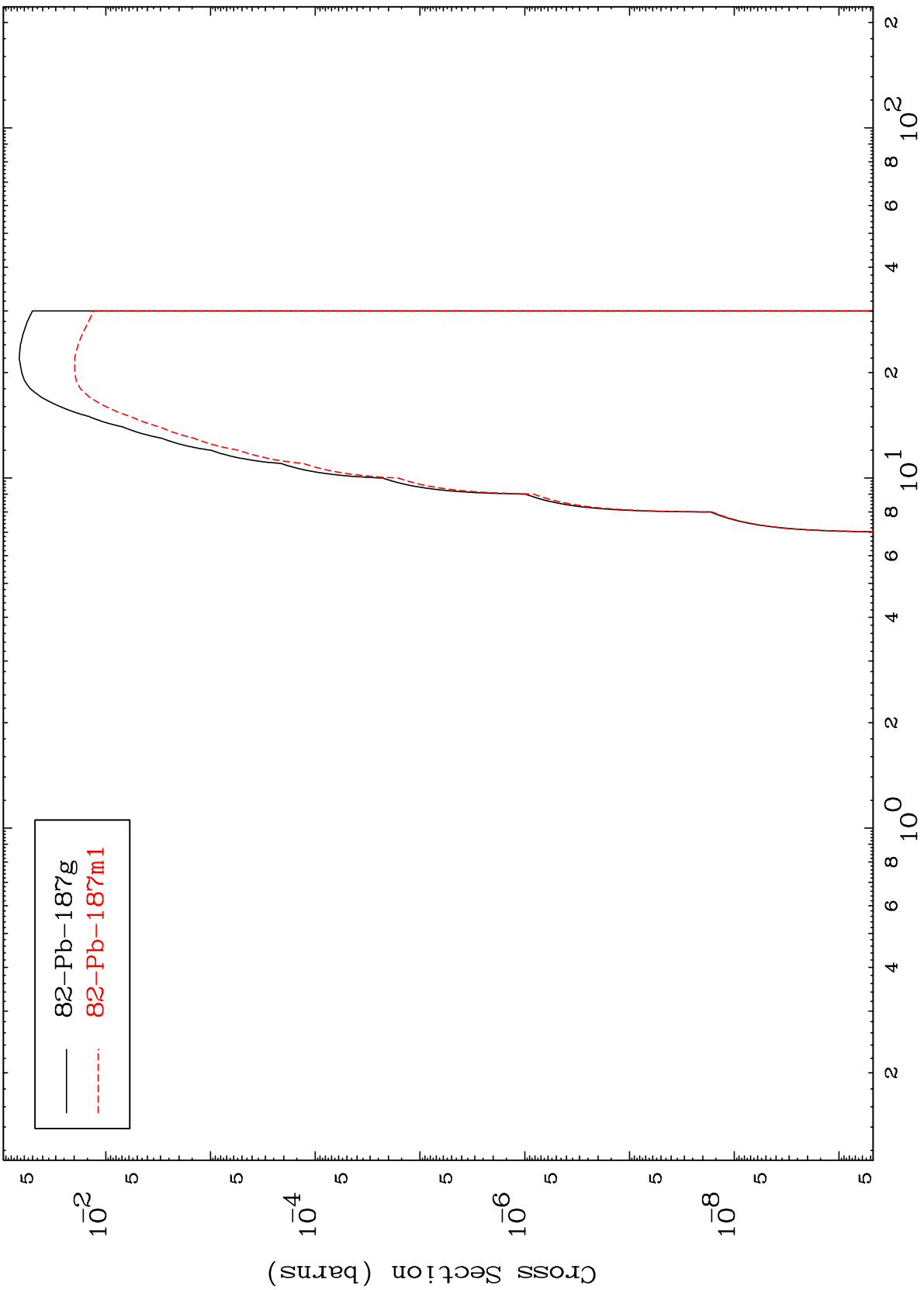
20

MAT 8174

(t, t)

82-Pb-187

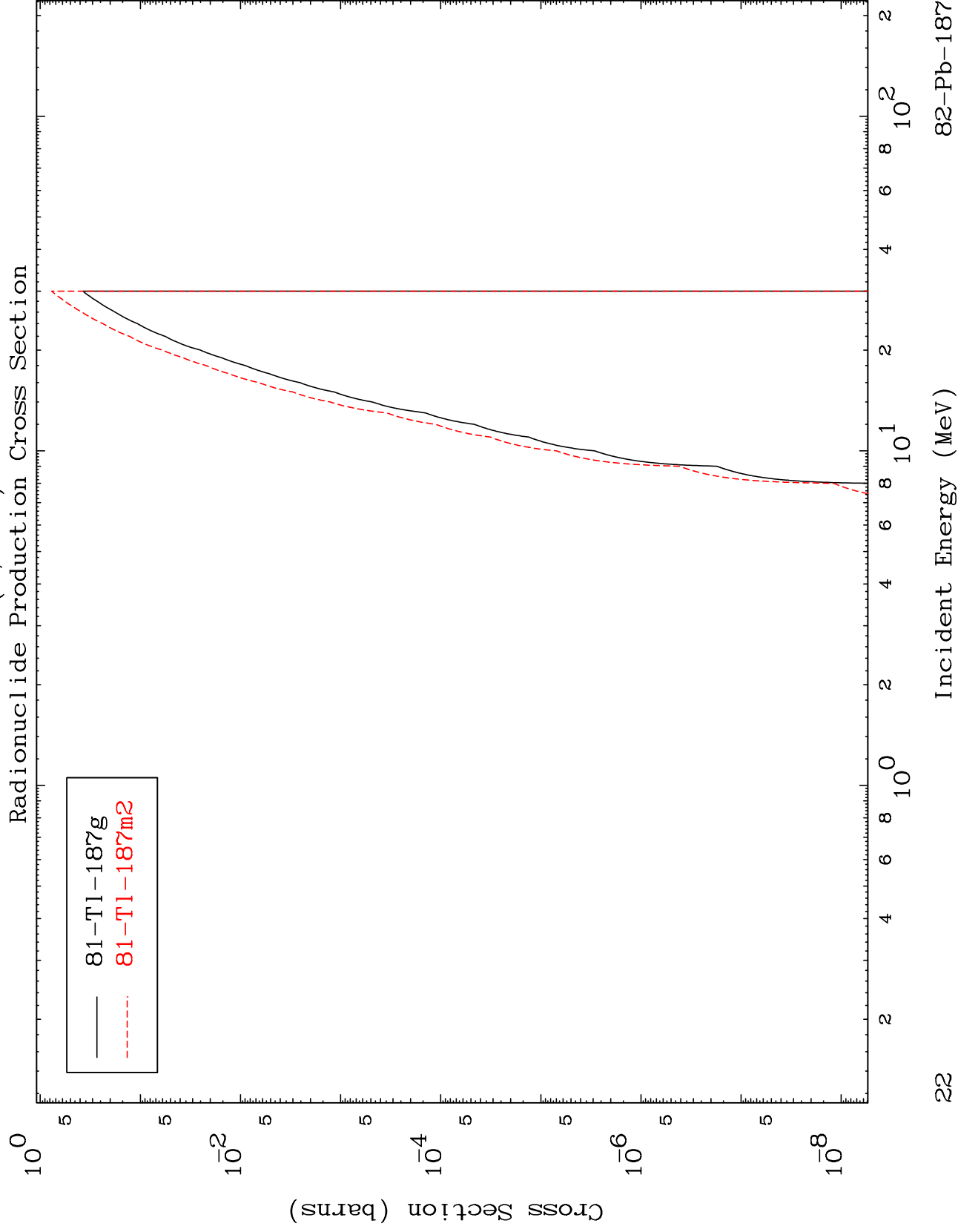
Radionuclide Production Cross Section



MAT 8174

(t,He-3)

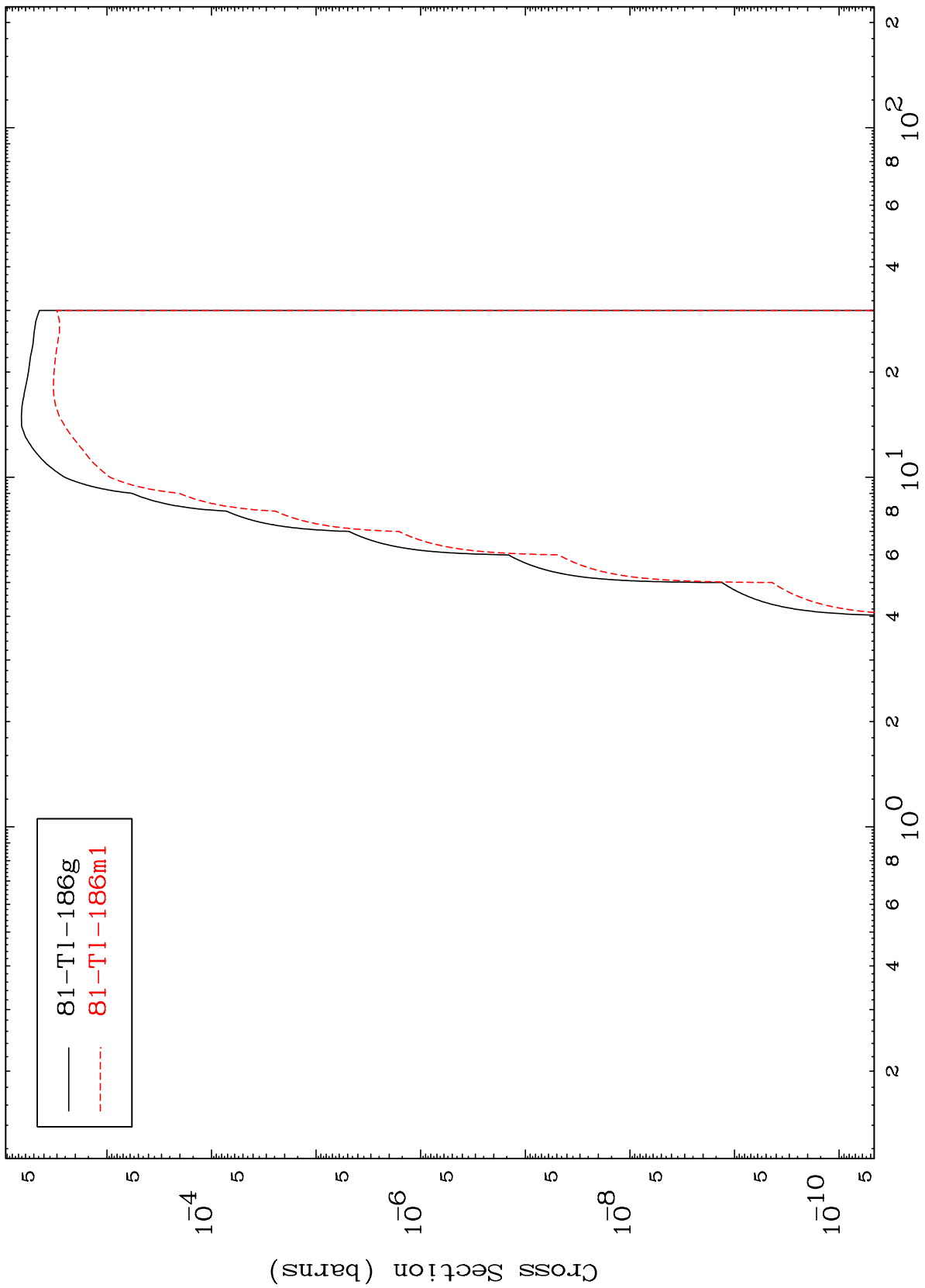
82-Pb-187



MAT 8174

82-Pb-187

(t, α)
Radionuclide Production Cross Section



82-Pb-187

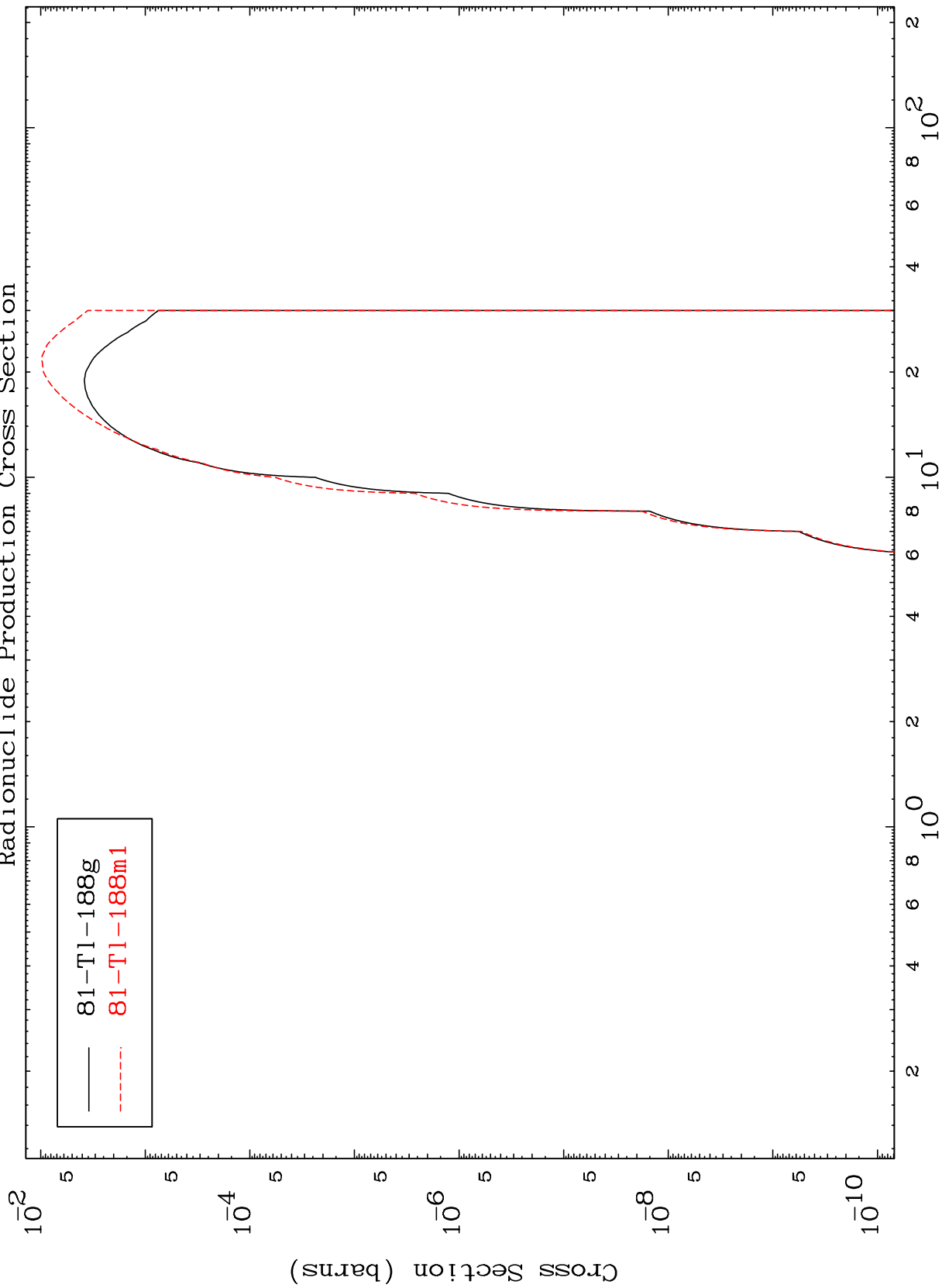
Incident Energy (MeV)

23

MAT 8174

82-Pb-187

Radionuclide Production Cross Section
(t,2p)



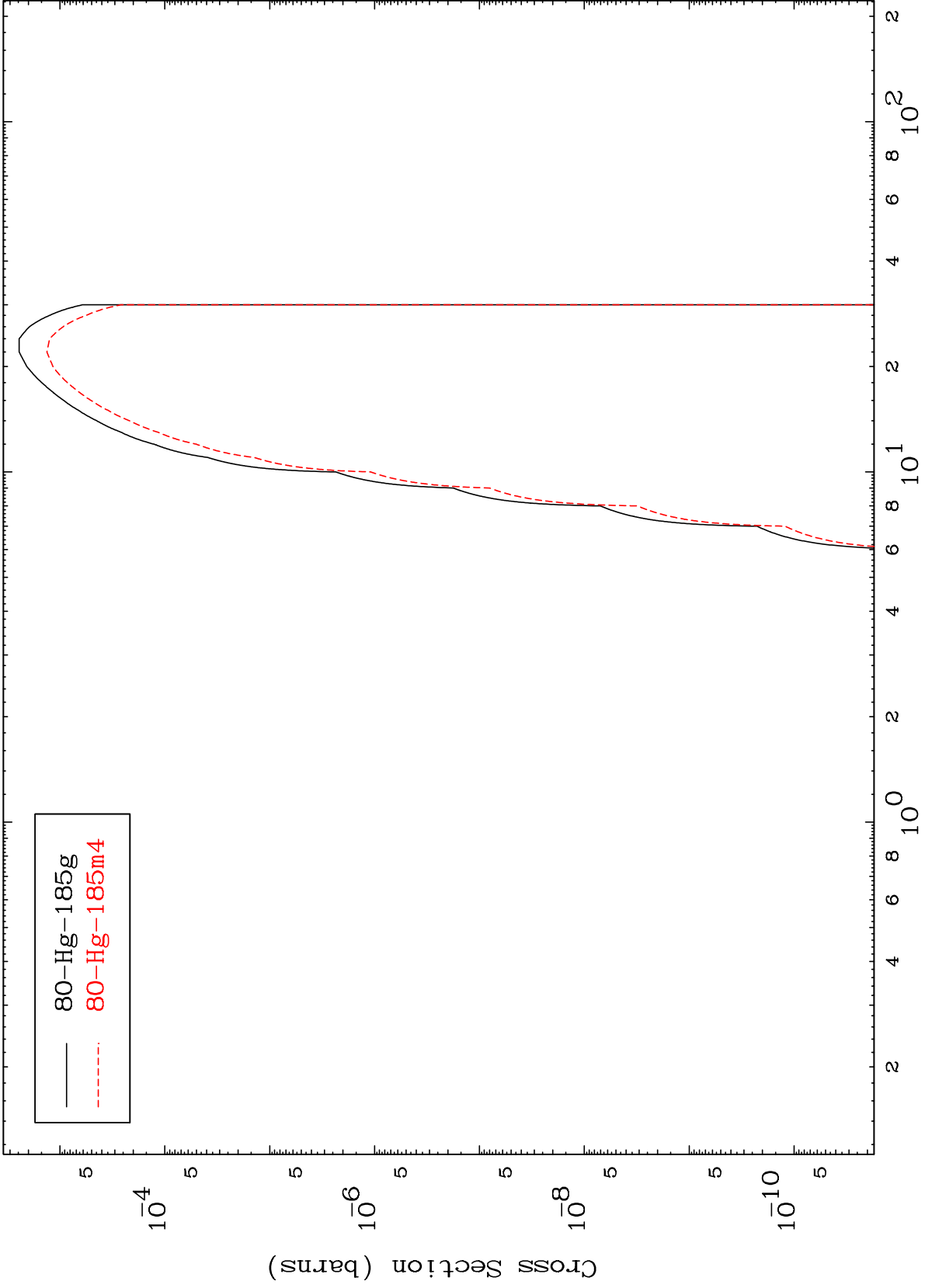
81-Tl-188g
81-Tl-188m1

MAT 8174

(t,p) α

82-Pb-187

Radionuclide Production Cross Section



25

Incident Energy (MeV)

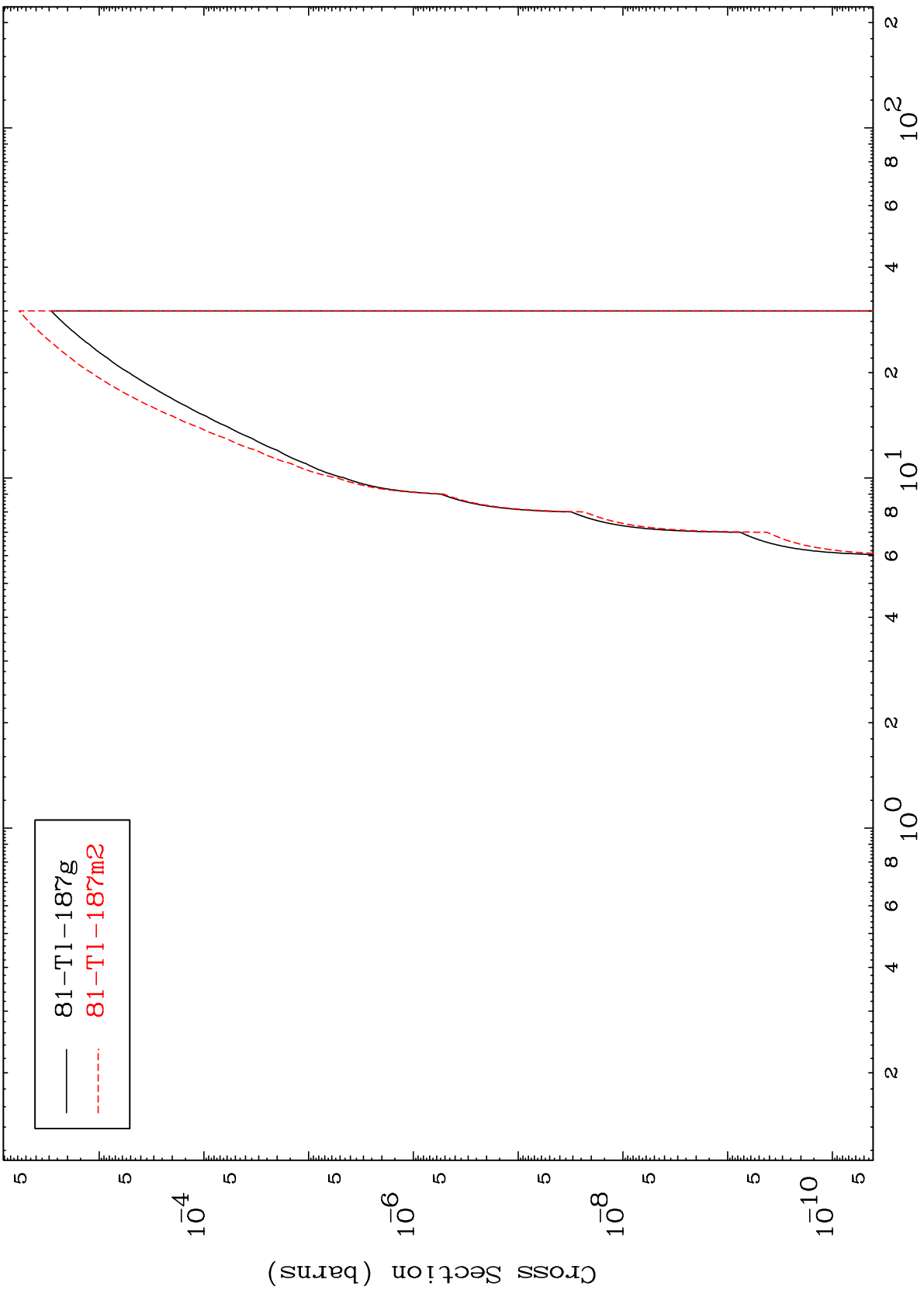
82-Pb-187

MAT 8174

(t,p) d

82-Pb-187

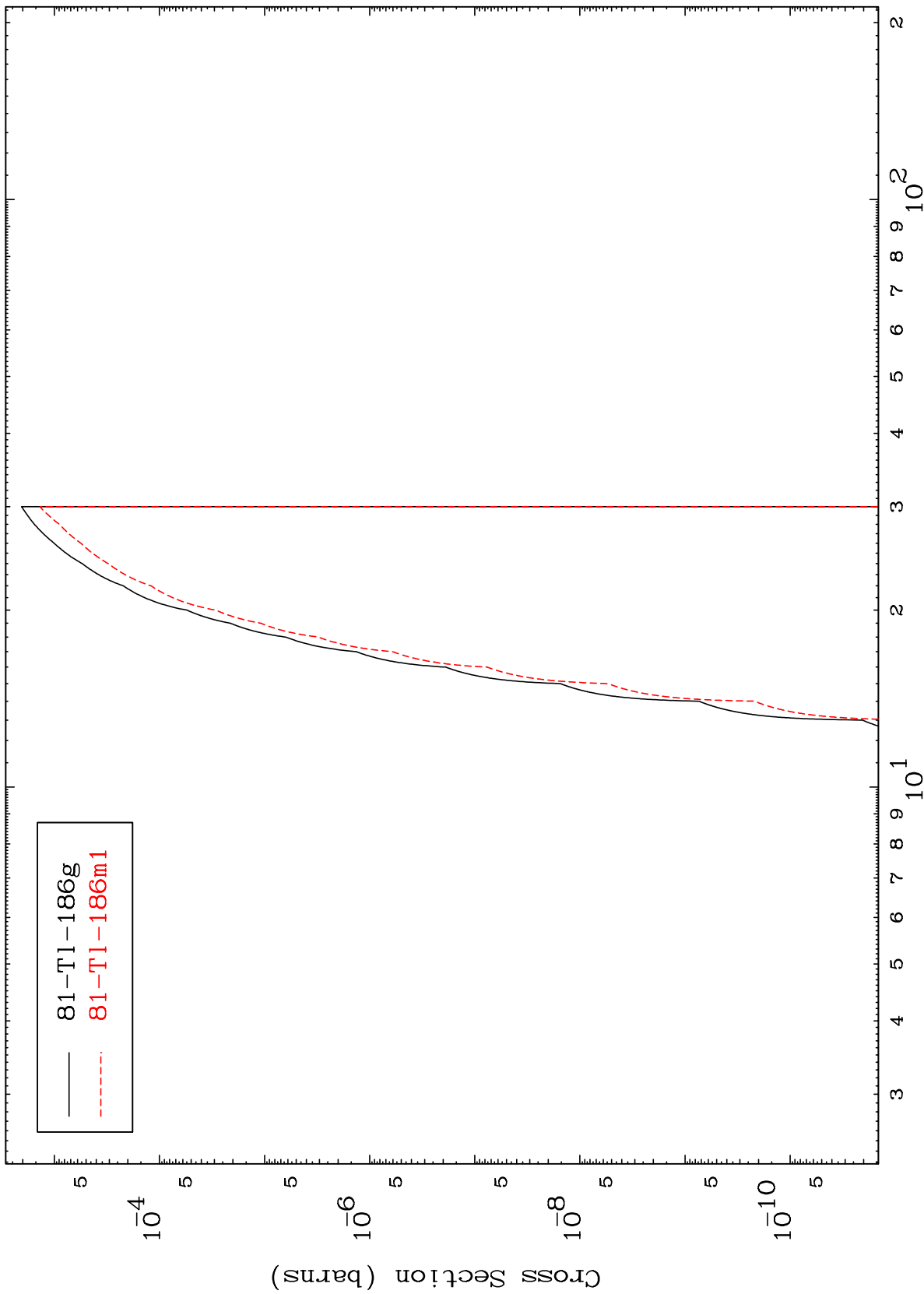
Radionuclide Production Cross Section



MAT 8174

82-Pb-187

(t,p) t
Radionuclide Production Cross Section



82-Pb-187

Incident Energy (MeV)

27