

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

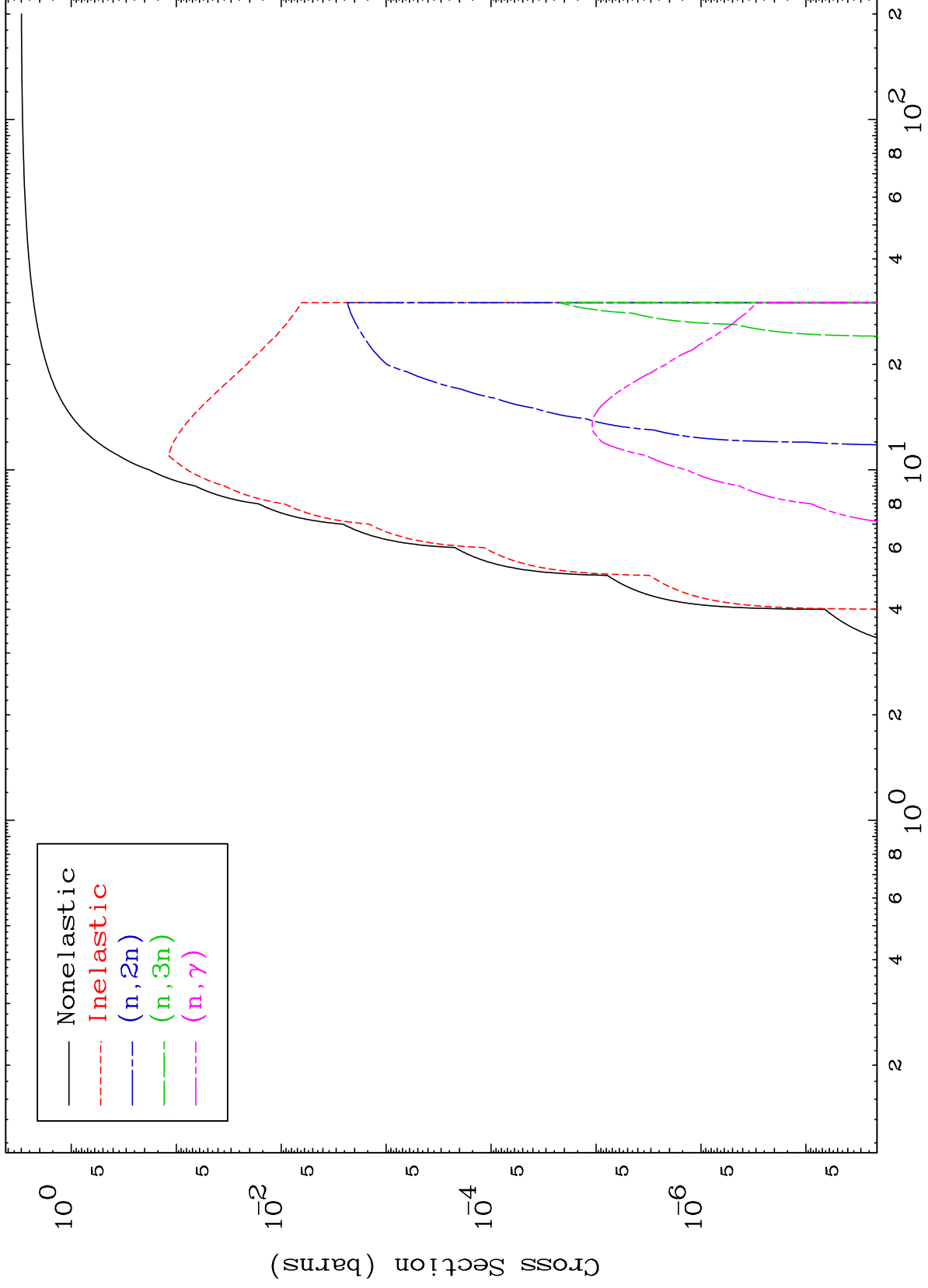
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Web: redcullen1.net/HOMEPAGE.NEW

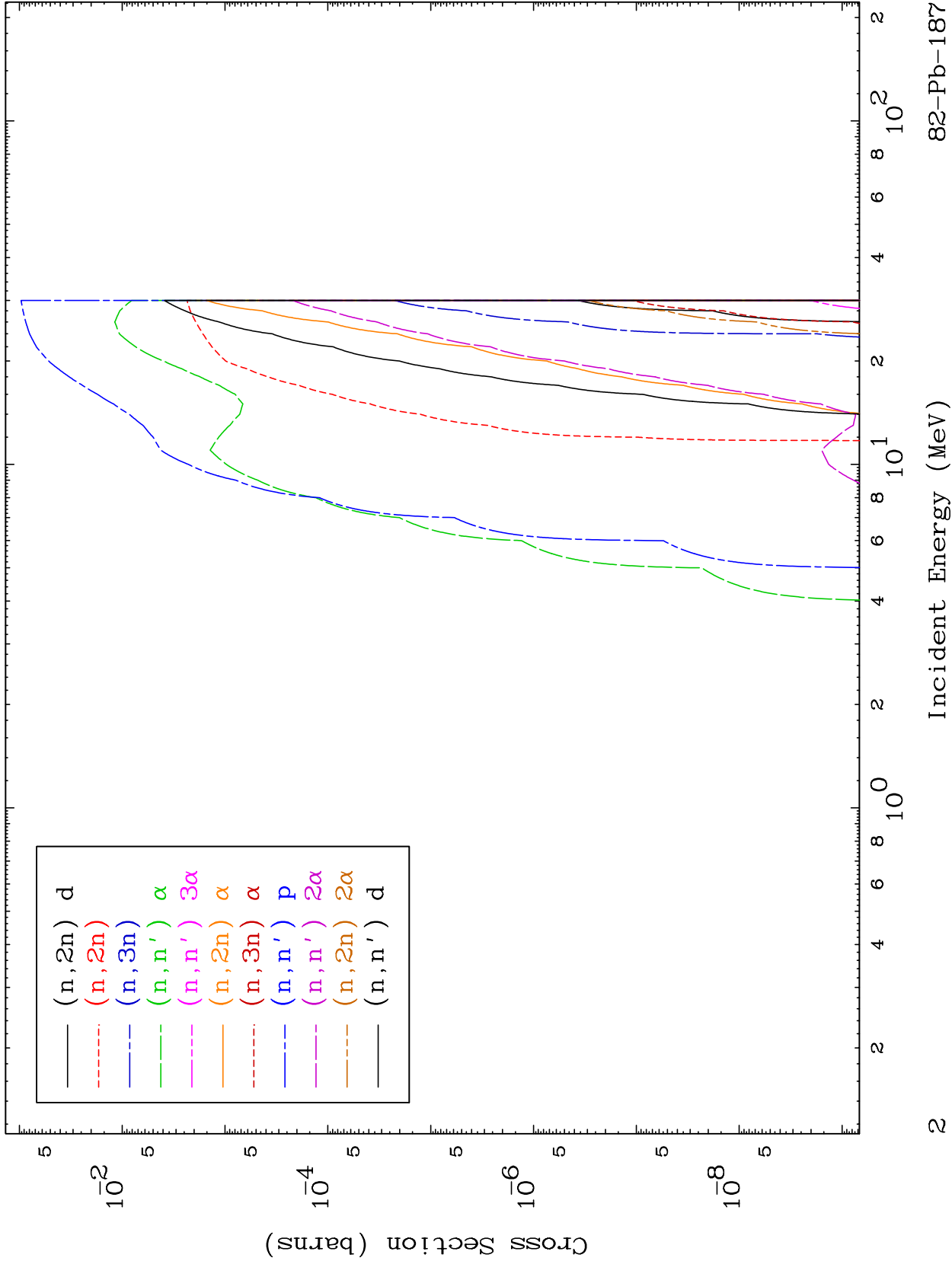
Press Mouse Button to Start

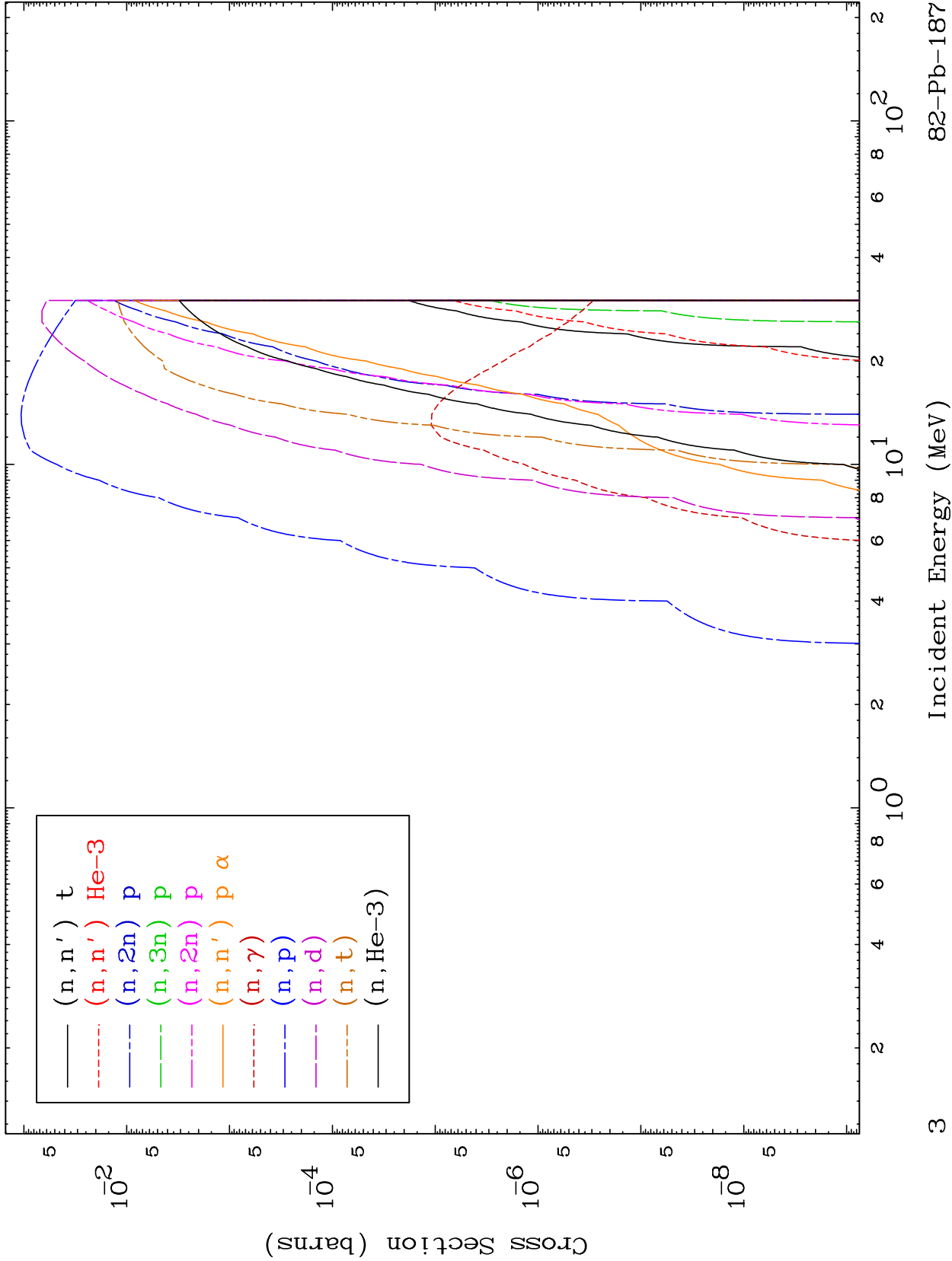


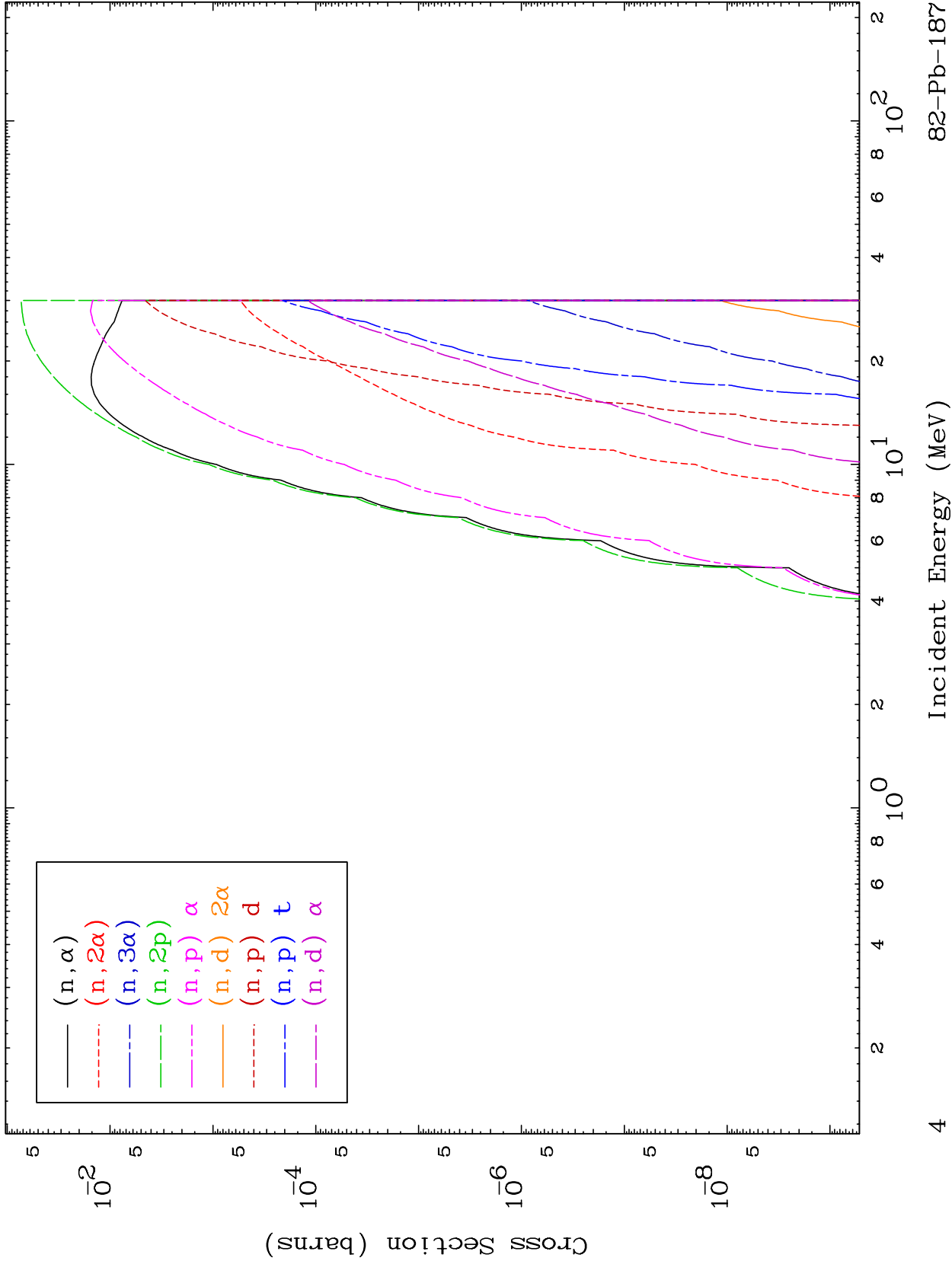
MAT 8174

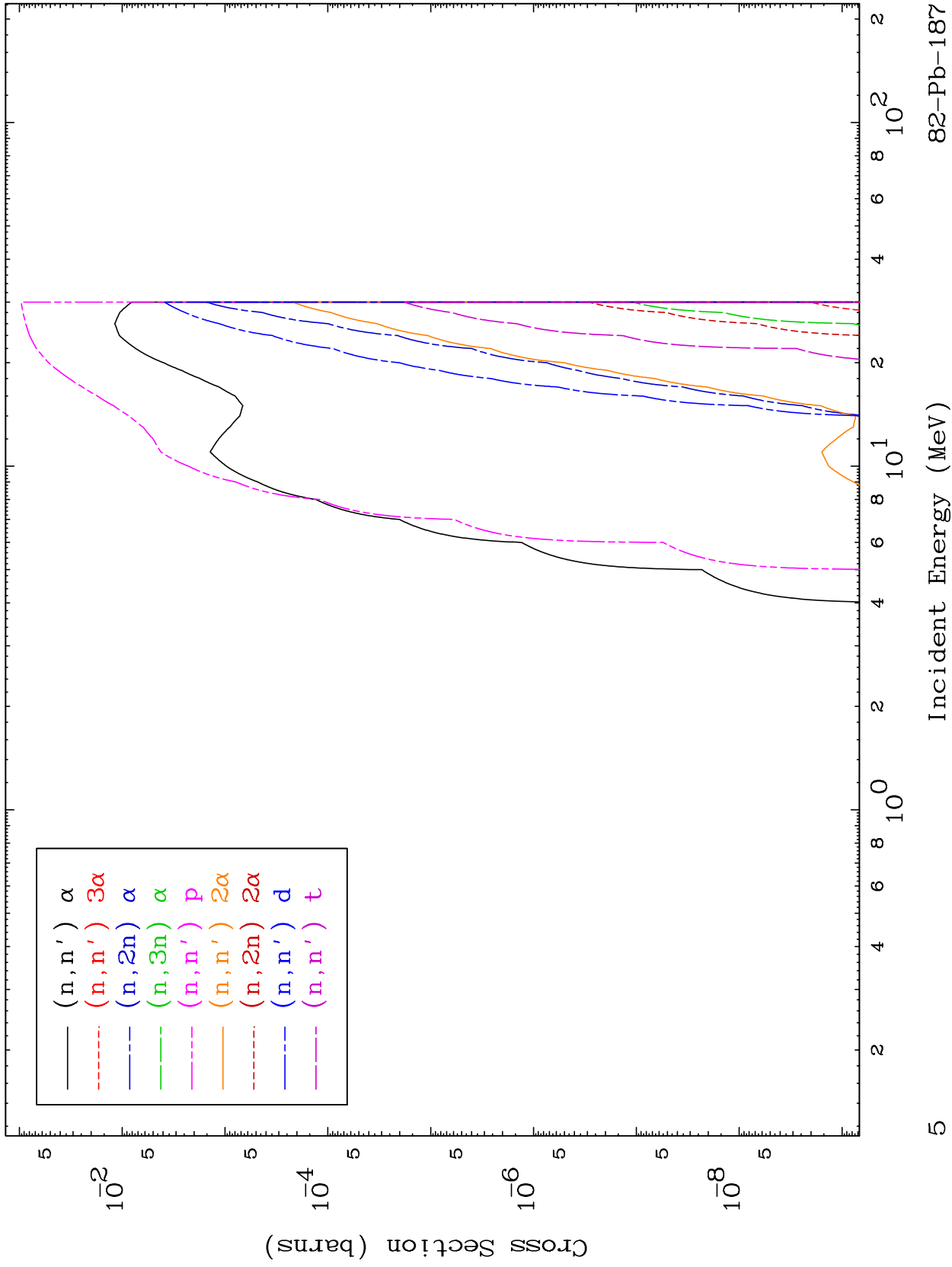
Deuteron Neutron Absorption
0 Kelvin Cross Sections

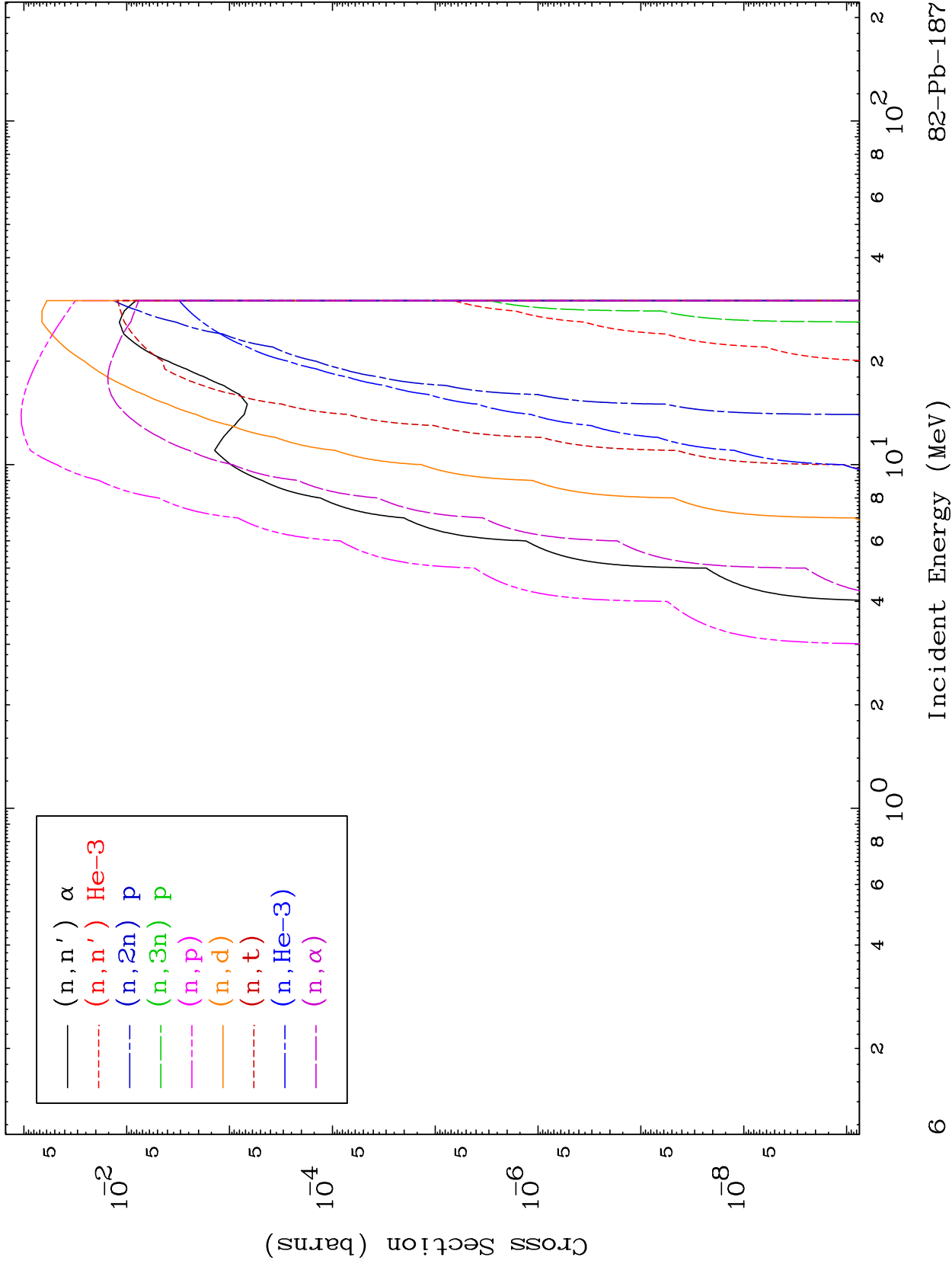
82-Pb-187

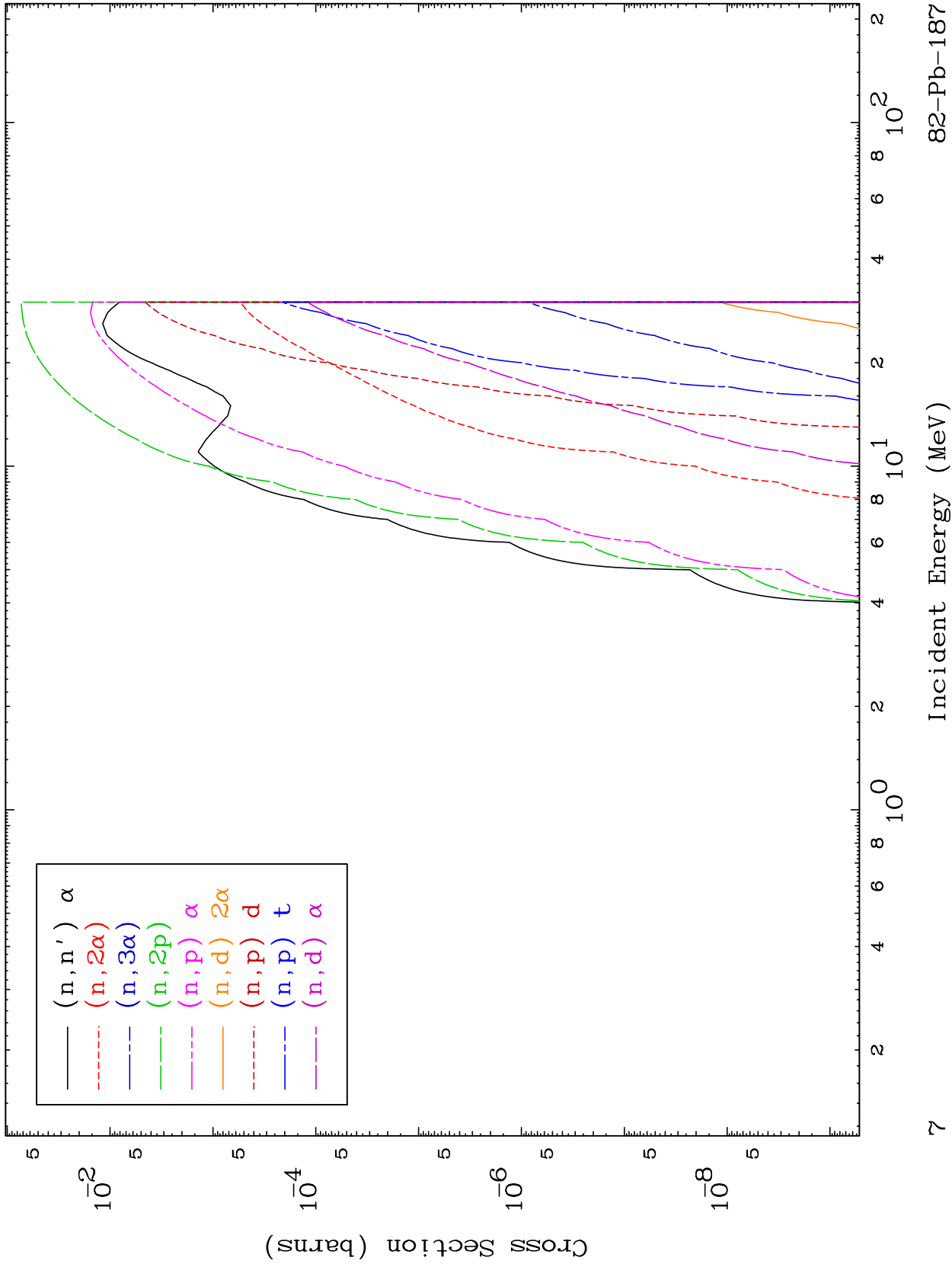










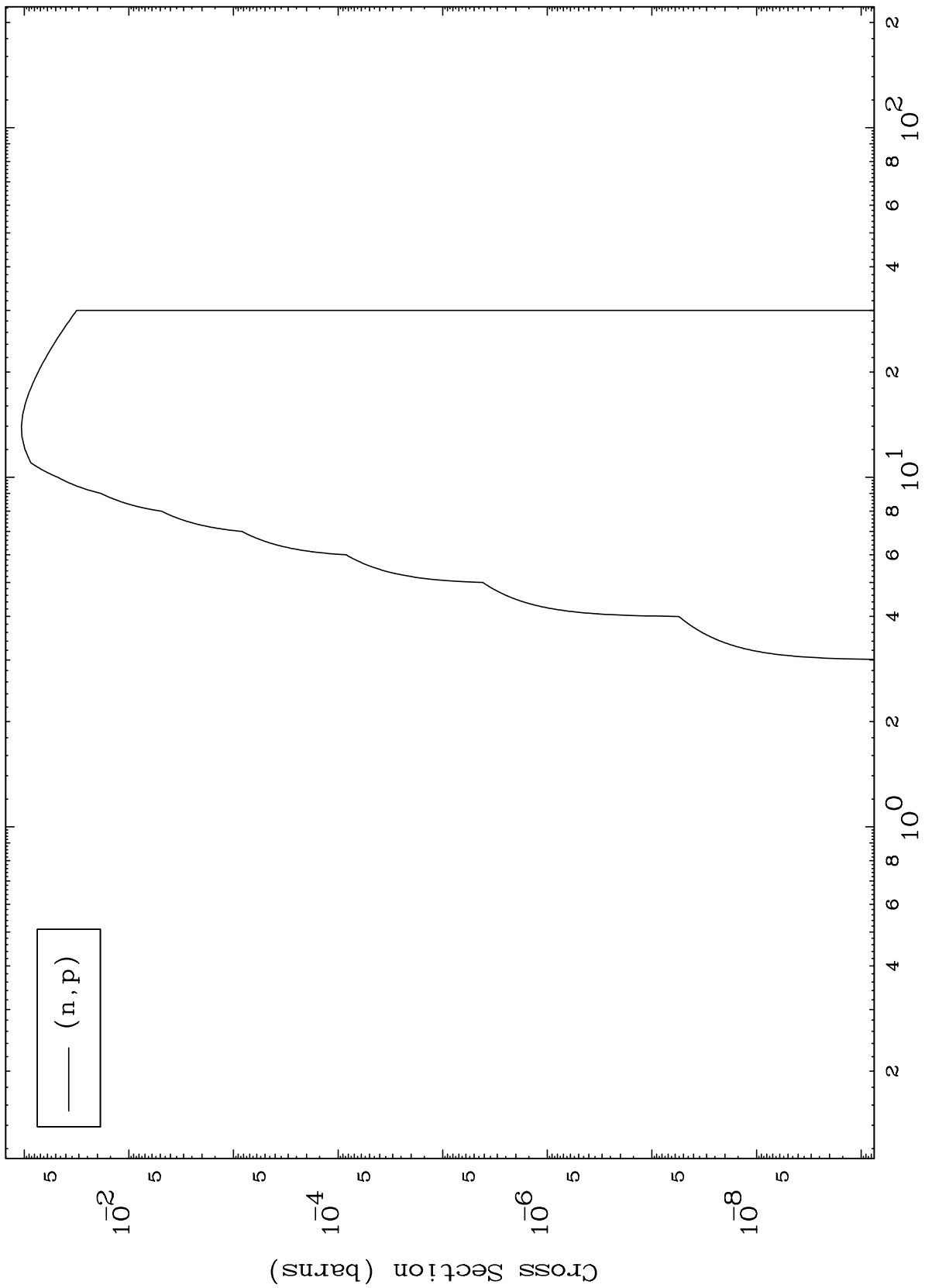


MAT 8174

(d,p) Levels

82-Pb-187

0 Kelvin Cross Sections

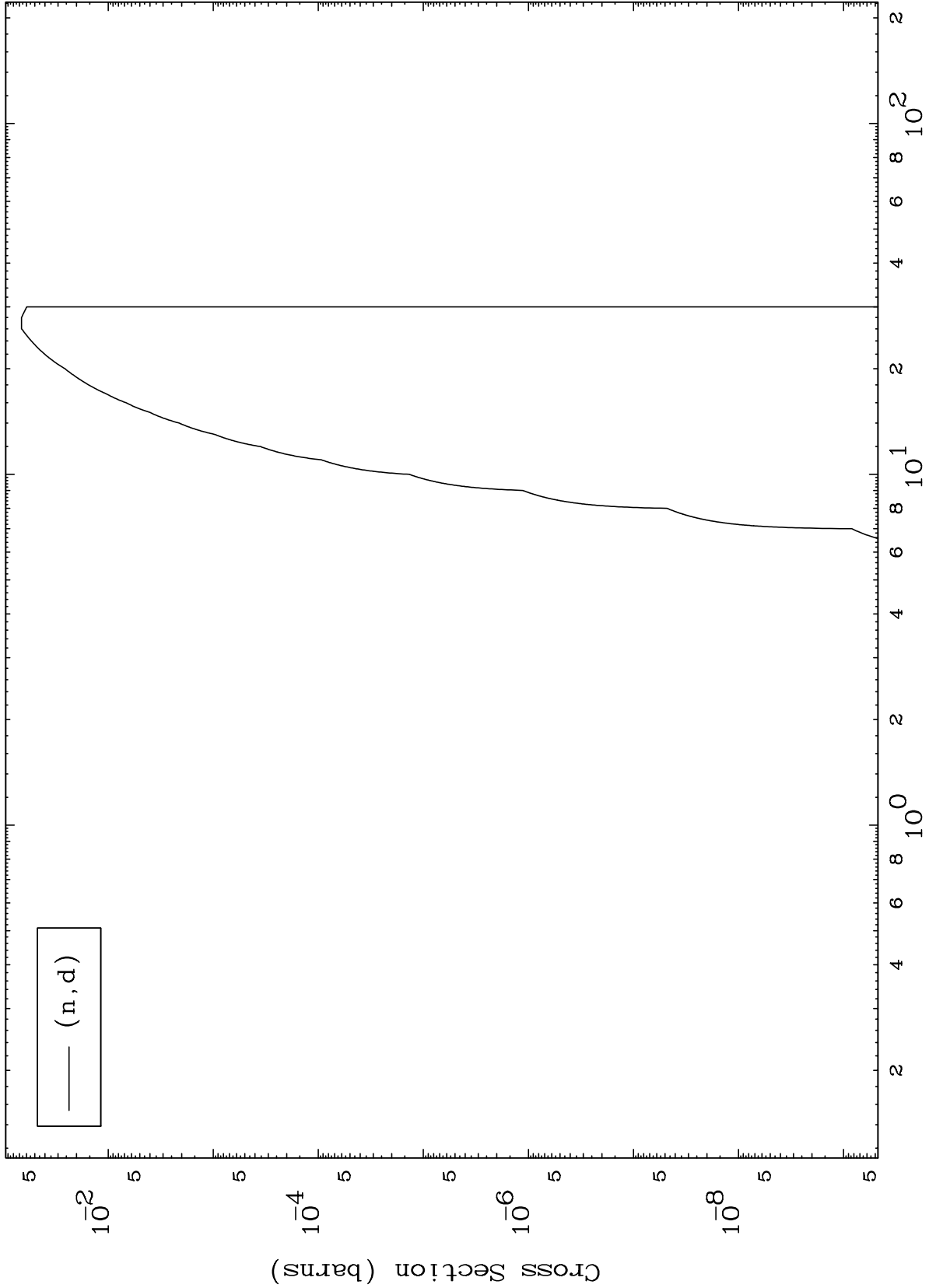


MAT 8174

(d,d) Levels

82-Pb-187

0 Kelvin Cross Sections

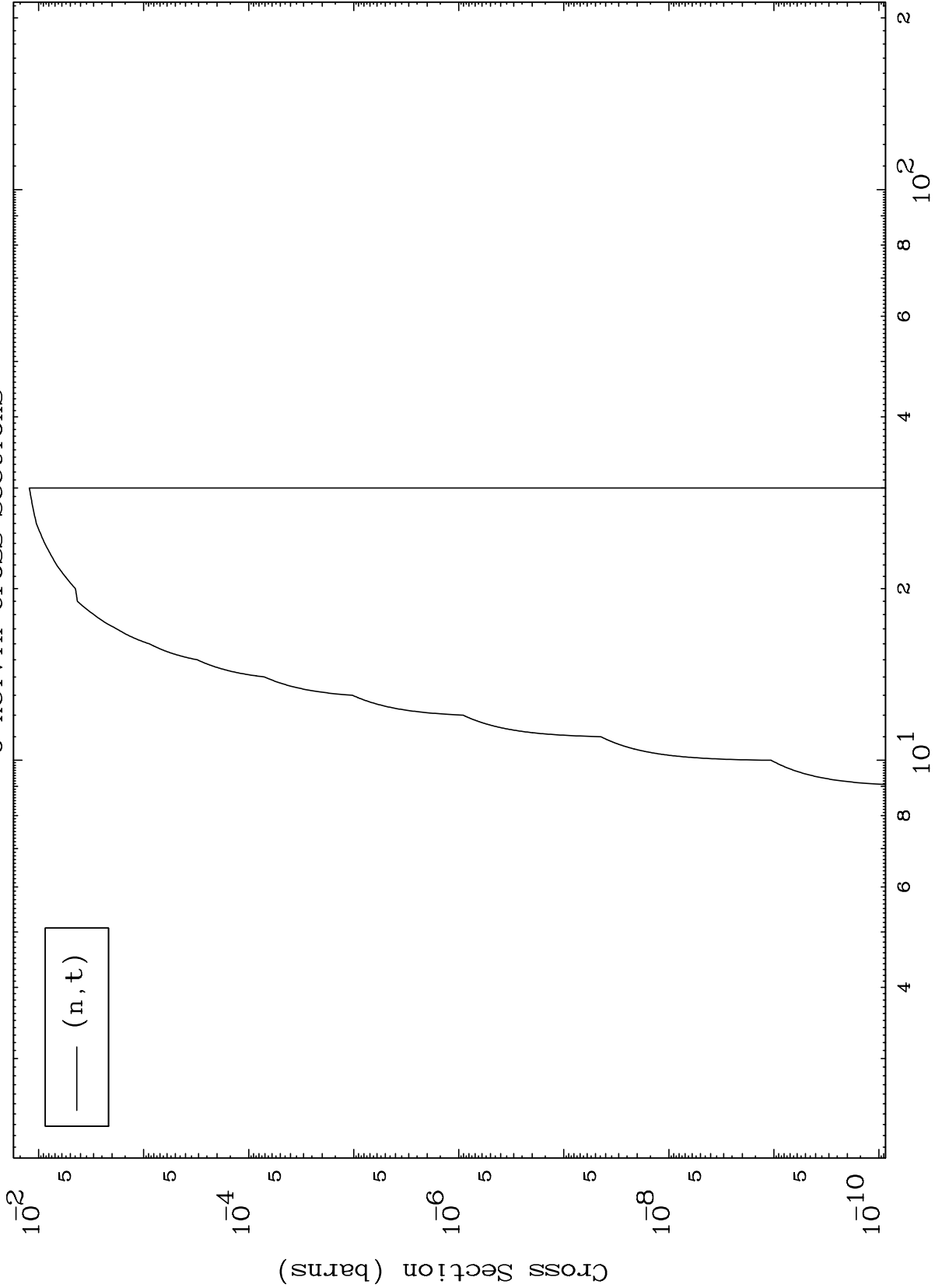


MAT 8174

(d,t) Levels

82-Pb-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

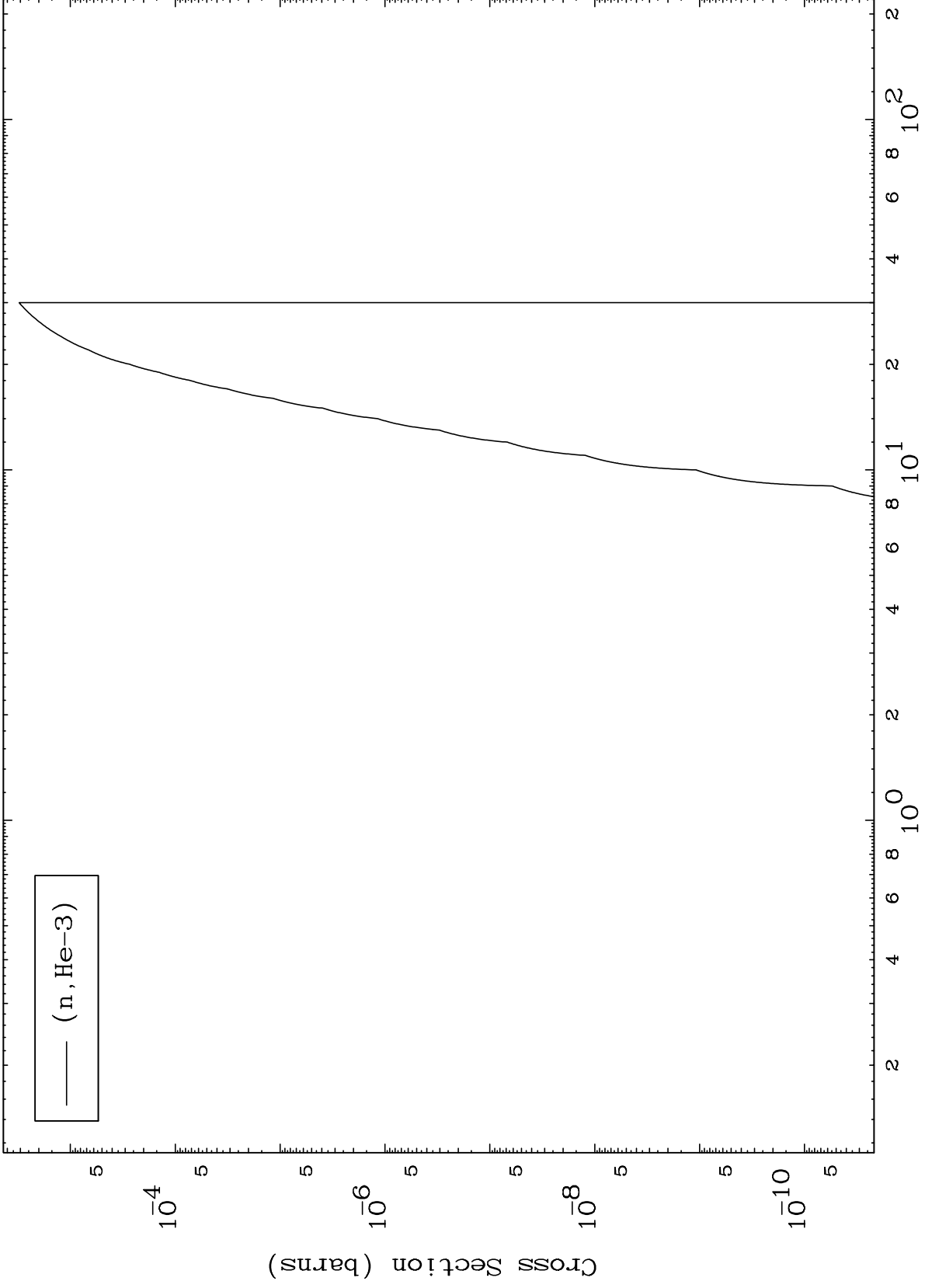
82-Pb-187

MAT 8174

(d,He3) Levels

82-Pb-187

0 Kelvin Cross Sections

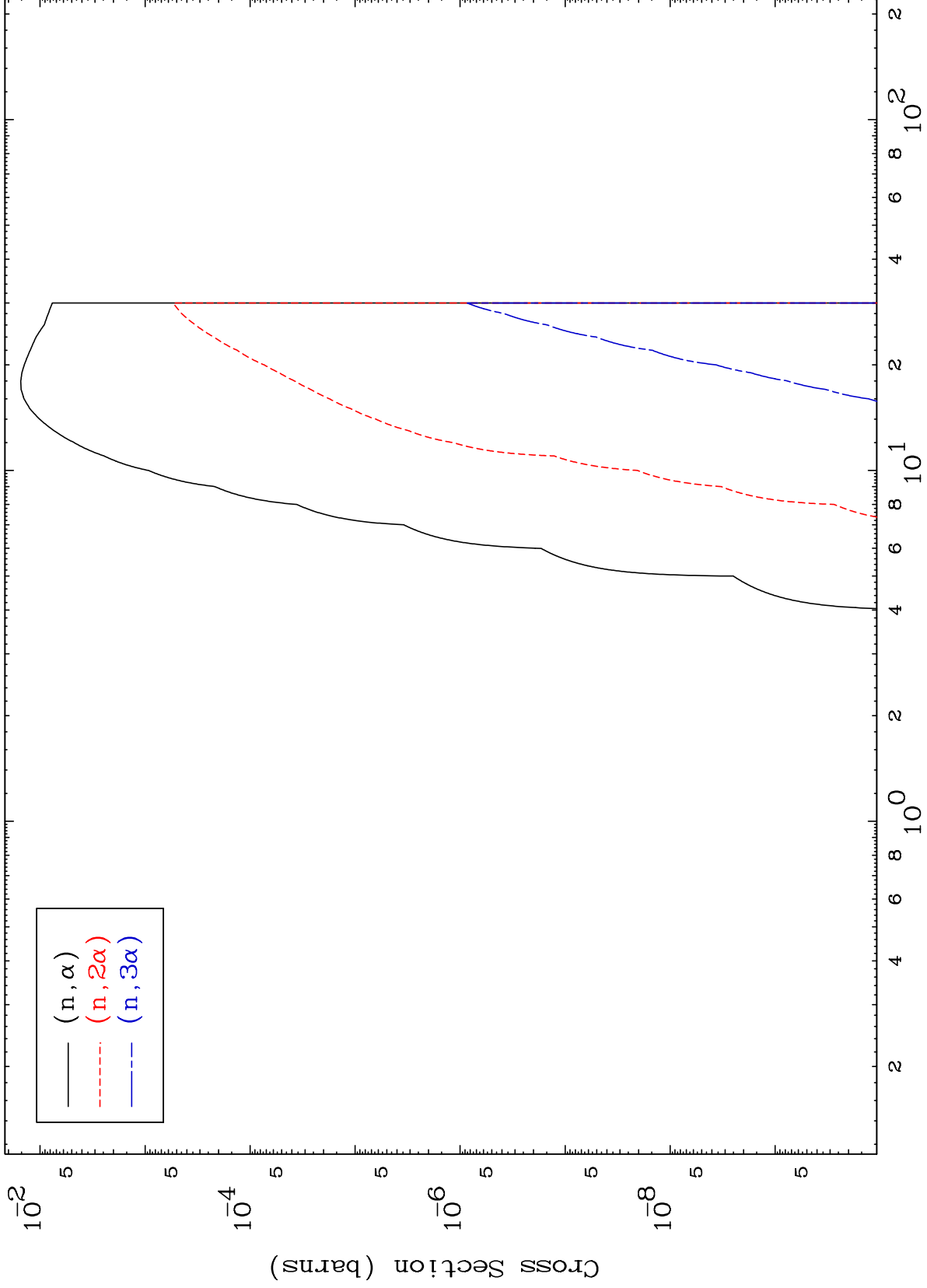


MAT 8174

(d, α) Levels

82-Pb-187

0 Kelvin Cross Sections



12

Incident Energy (MeV)

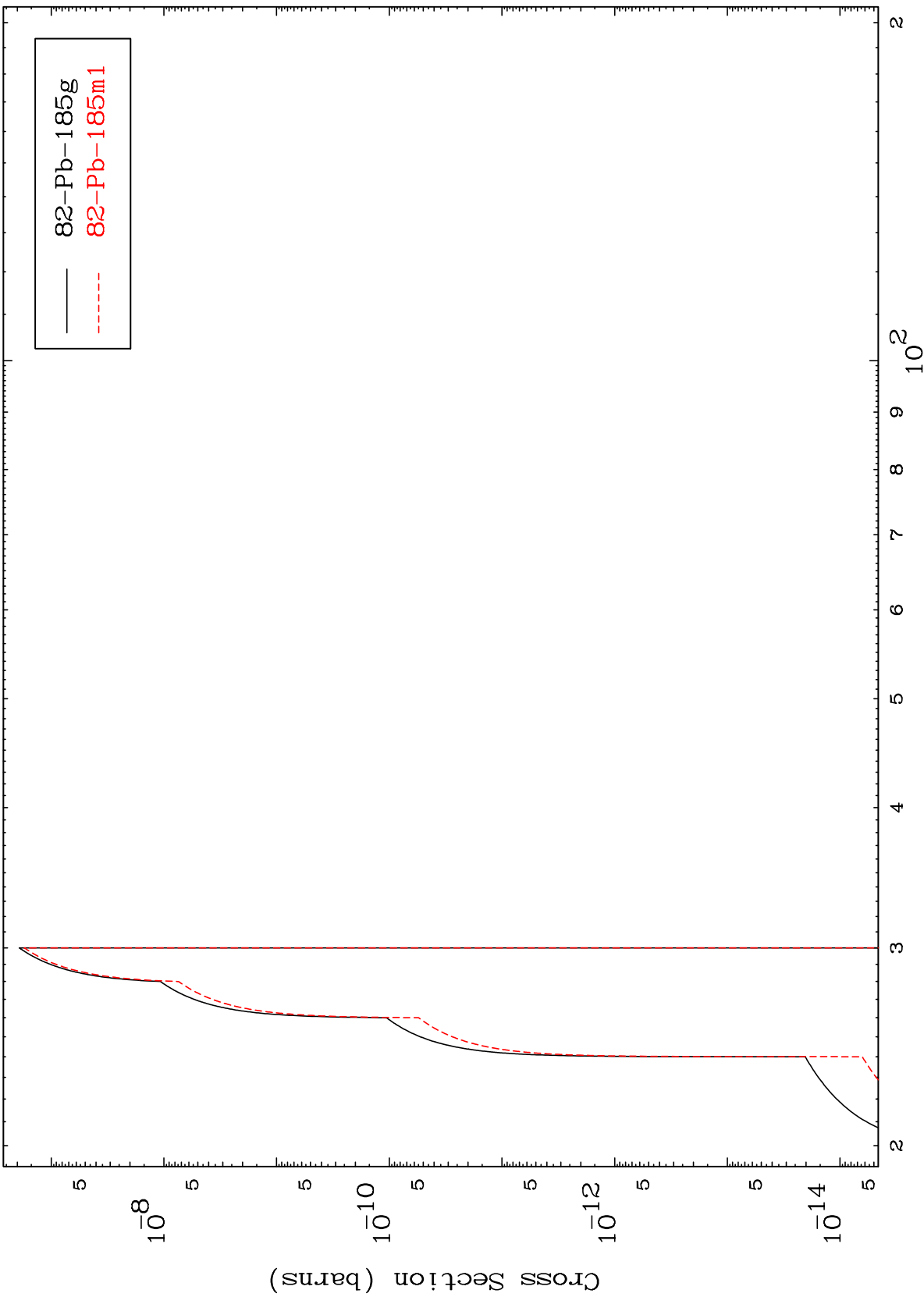
82-Pb-187

MAT 8174

(n,2n) d

82-Pb-187

Radionuclide Production Cross Section



13

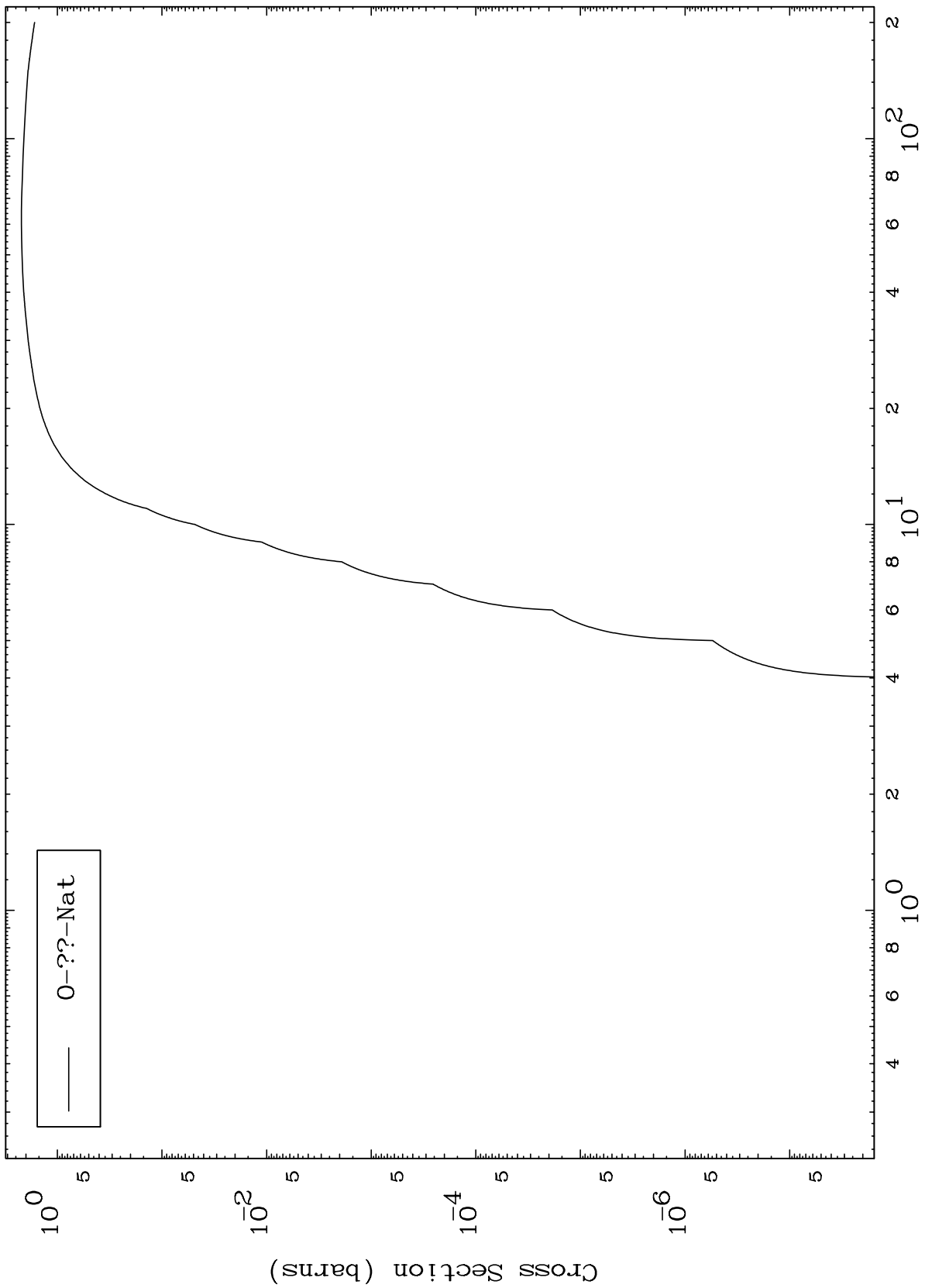
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

Fission
Radionuclide Production Cross Section



82-Pb-187

Incident Energy (MeV)

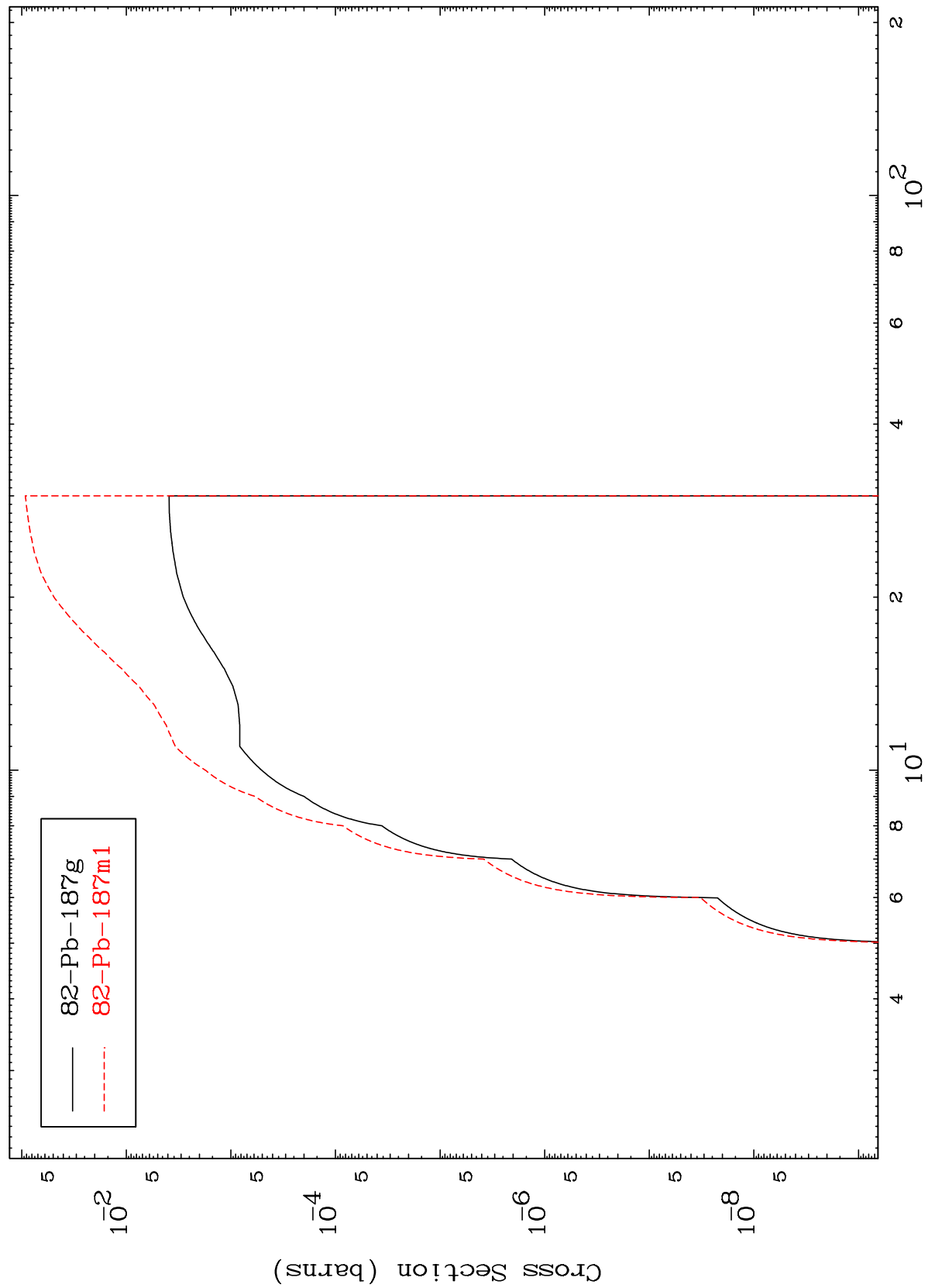
14

MAT 8174

(n,n') p

82-Pb-187

Radionuclide Production Cross Section



15

Incident Energy (MeV)

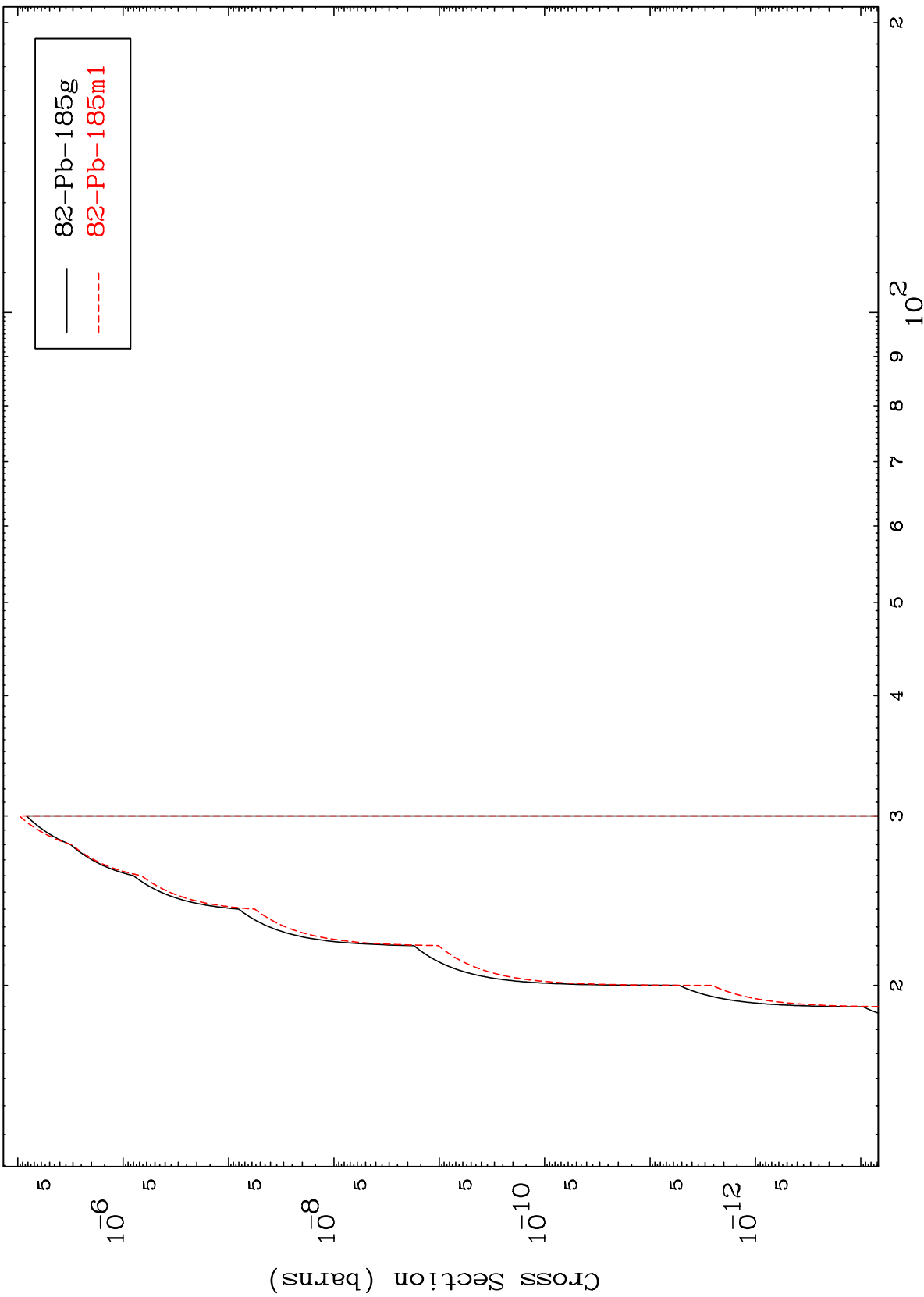
82-Pb-187

MAT 8174

(n,n') t

82-Pb-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

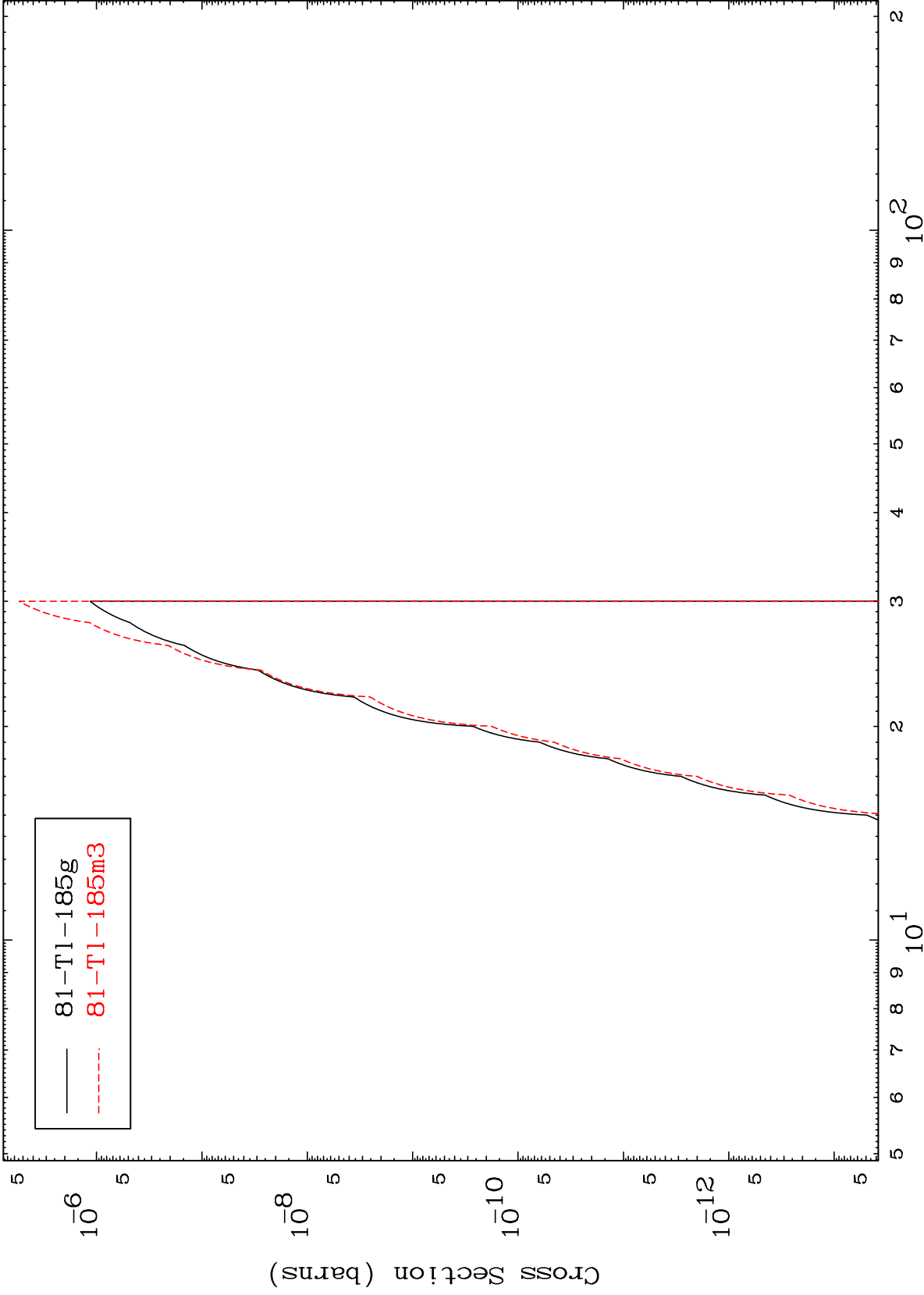
82-Pb-187

MAT 8174

(n,n') He-3

82-Pb-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

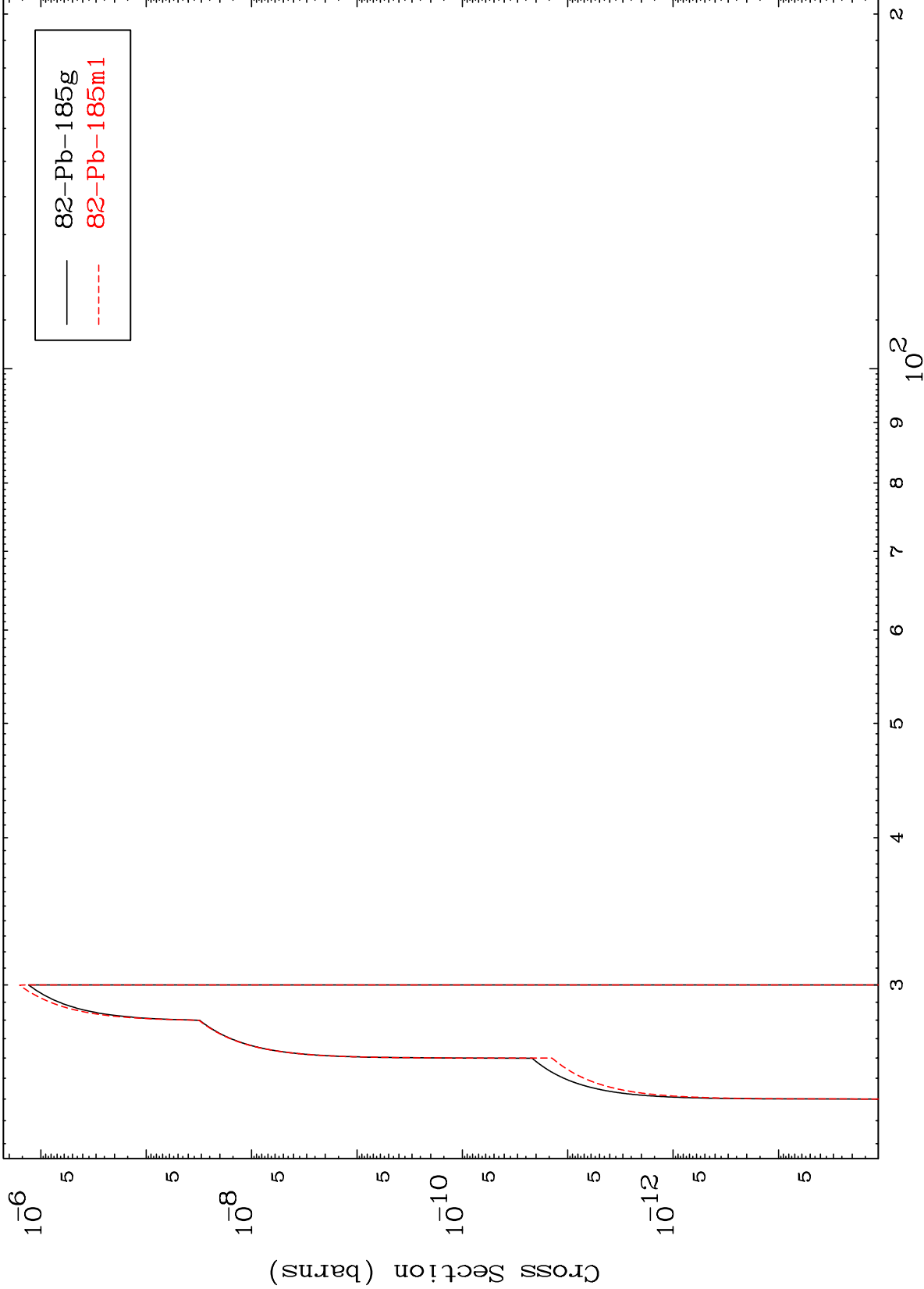
82-Pb-187

MAT 8174

(n,3n) p

82-Pb-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

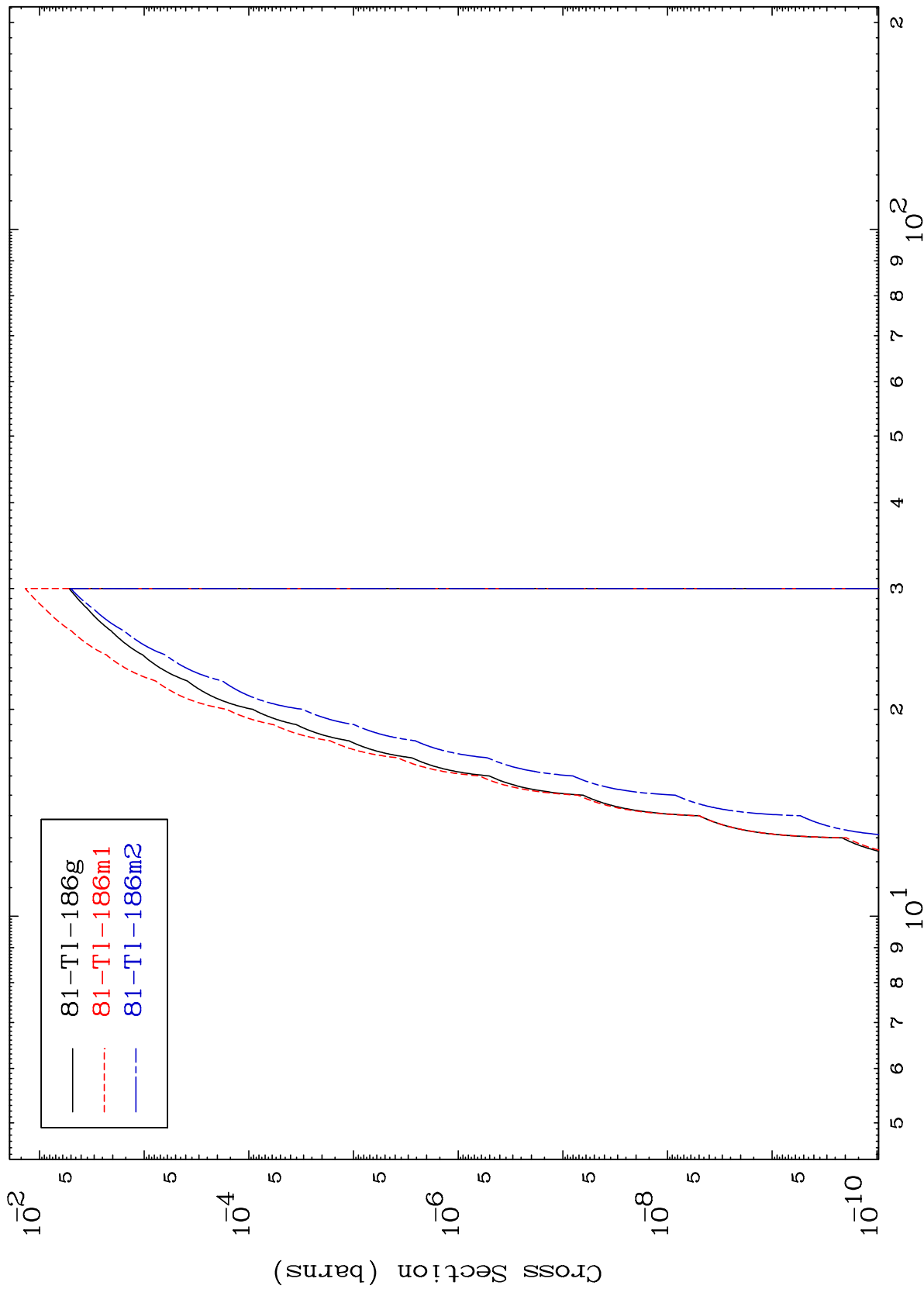
82-Pb-187

MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

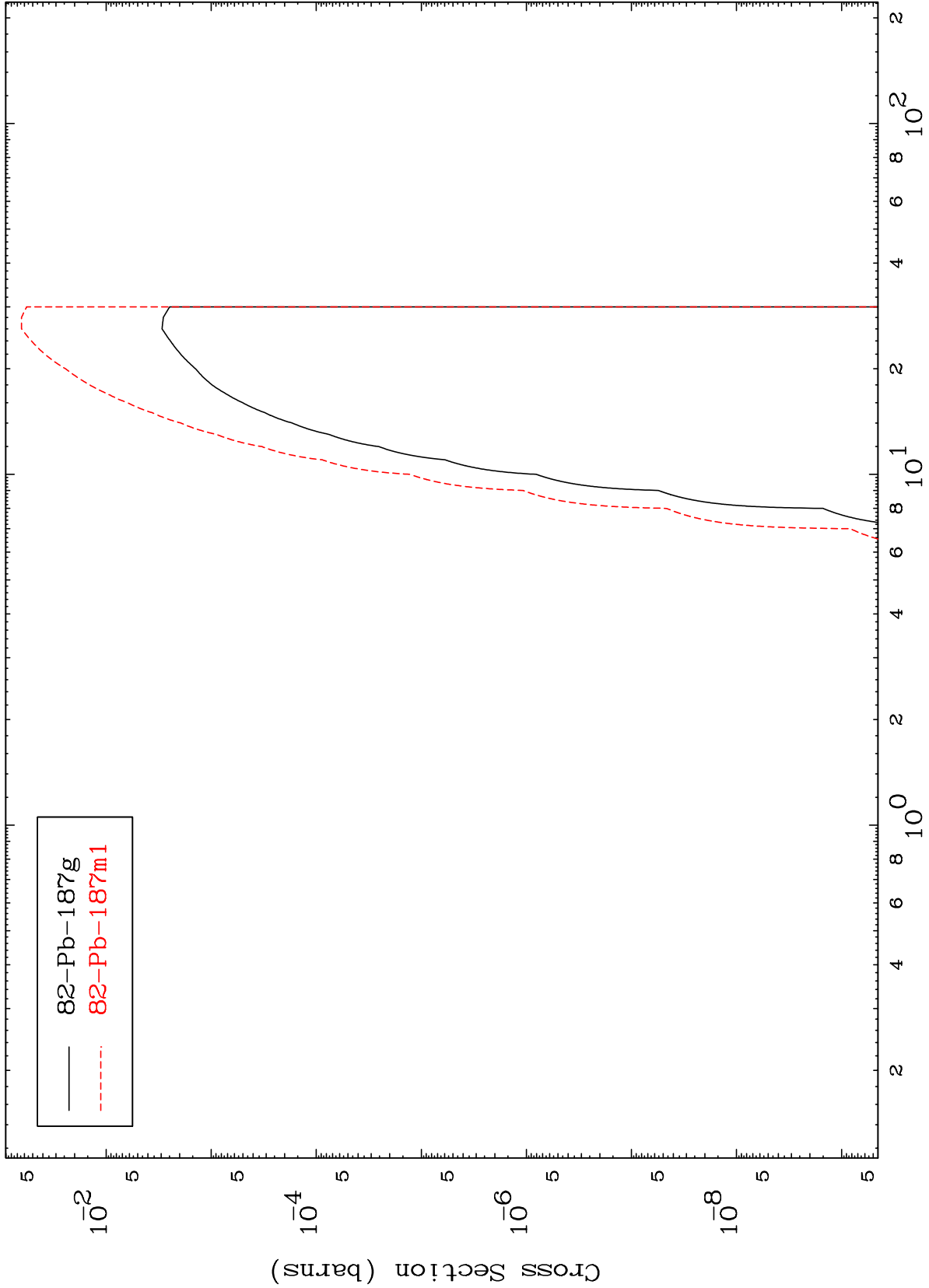
82-Pb-187

MAT 8174

(n,d)

82-Pb-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

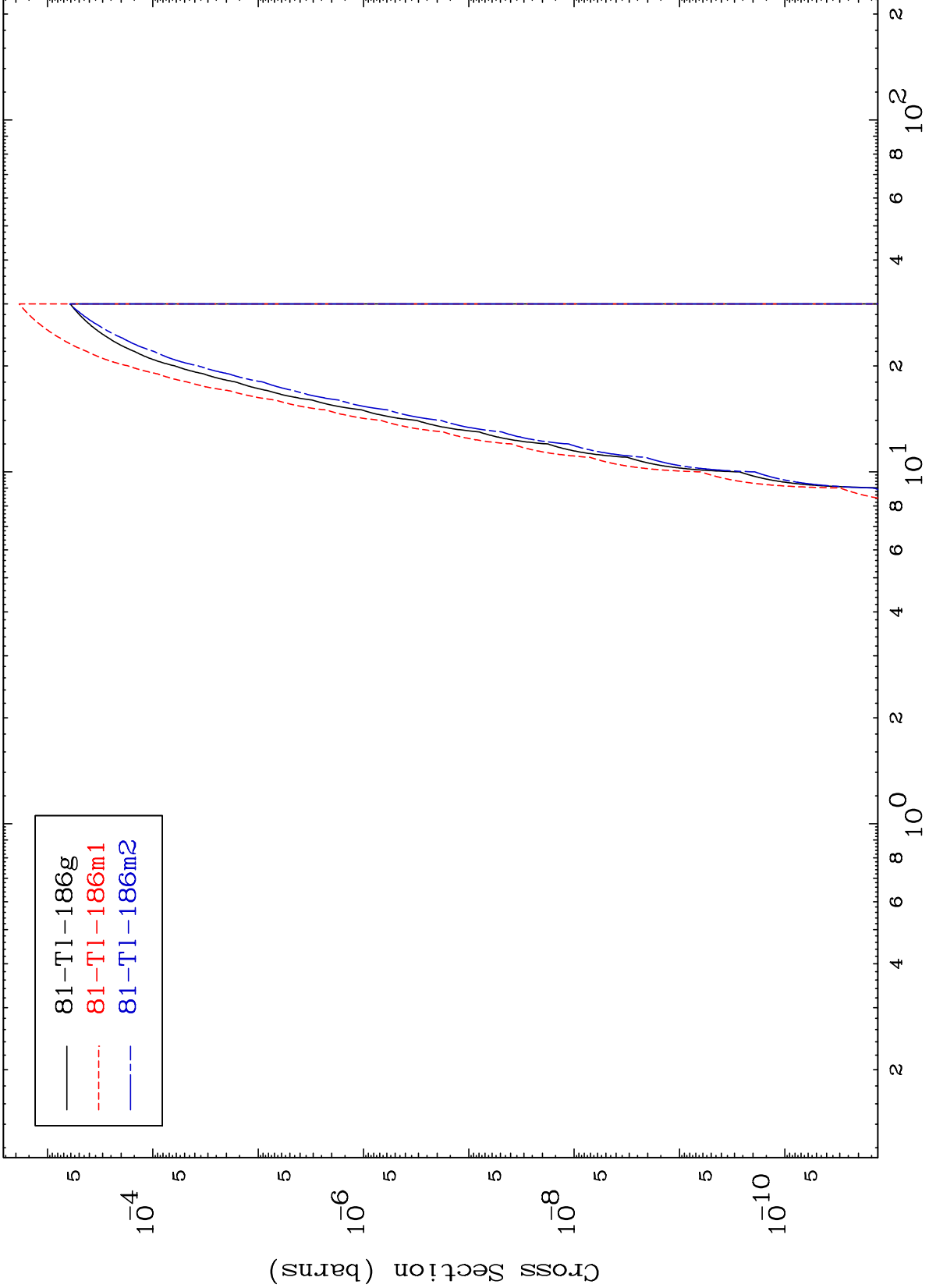
82-Pb-187

MAT 8174

(n,He-3)

82-Pb-187

Radionuclide Production Cross Section

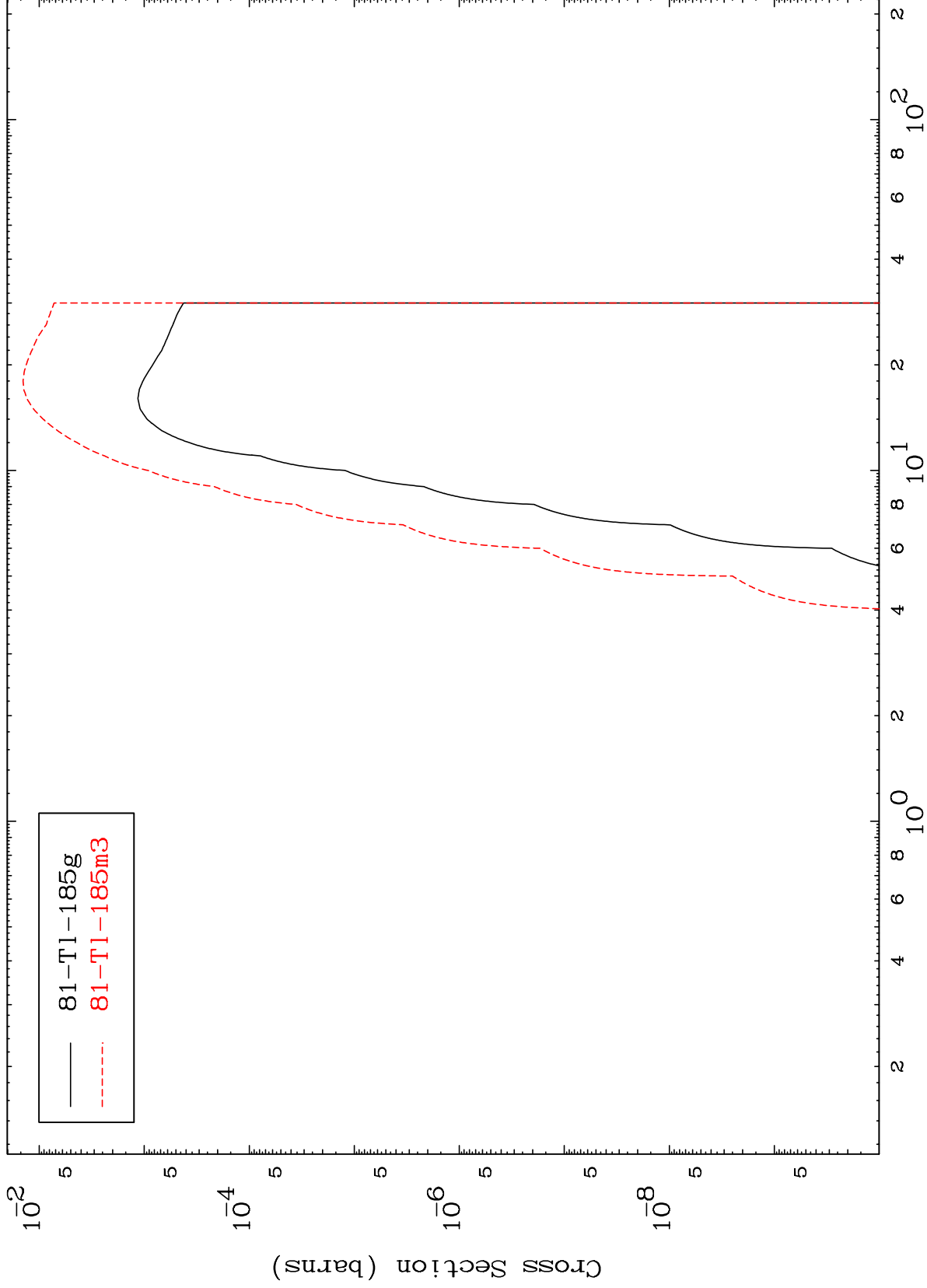


81-Tl-186g
81-Tl-186m1
81-Tl-186m2

MAT 8174

82-Pb-187

Radionuclide Production Cross Section

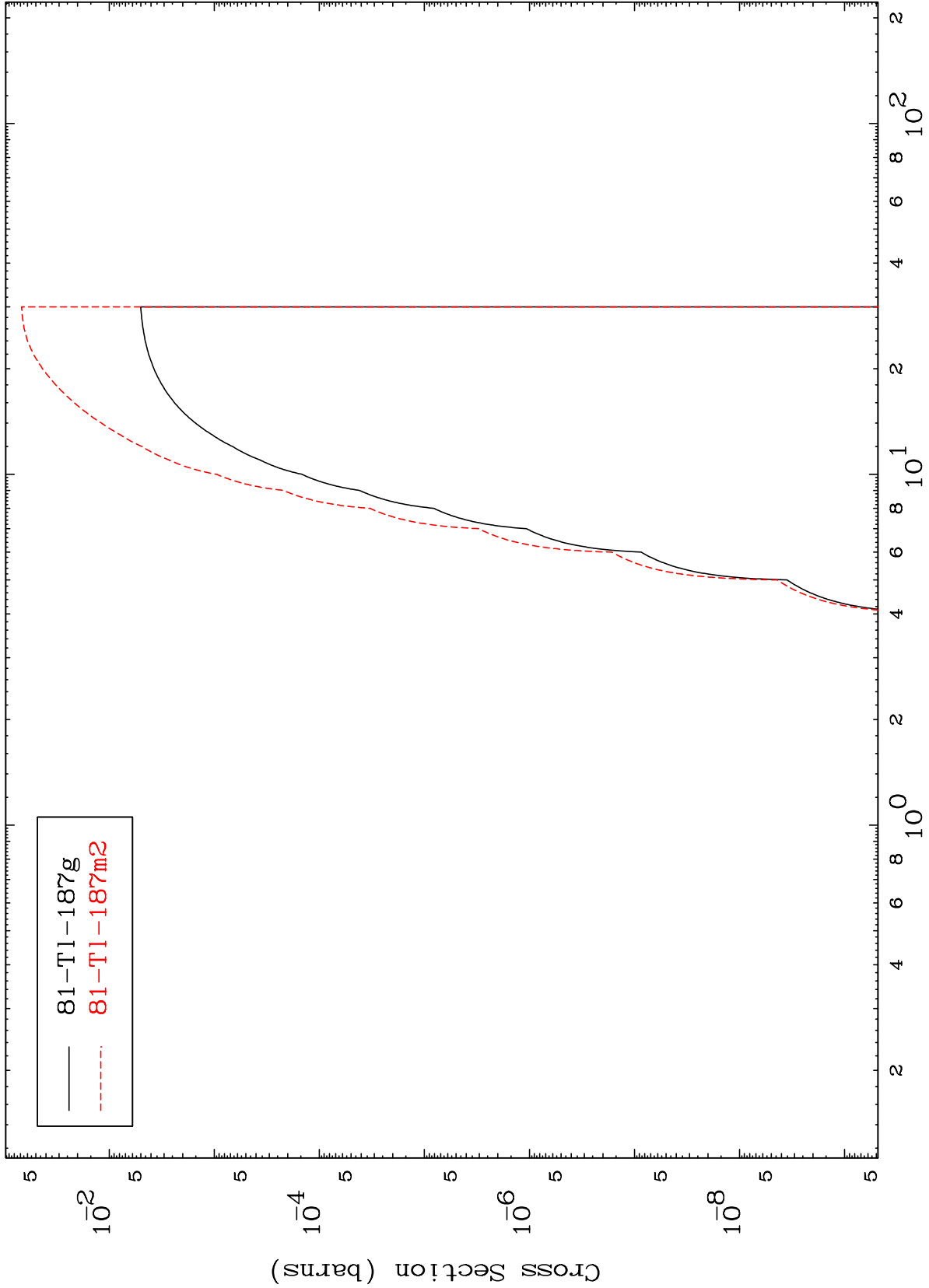


MAT 8174

(n,2p)

82-Pb-187

Radionuclide Production Cross Section

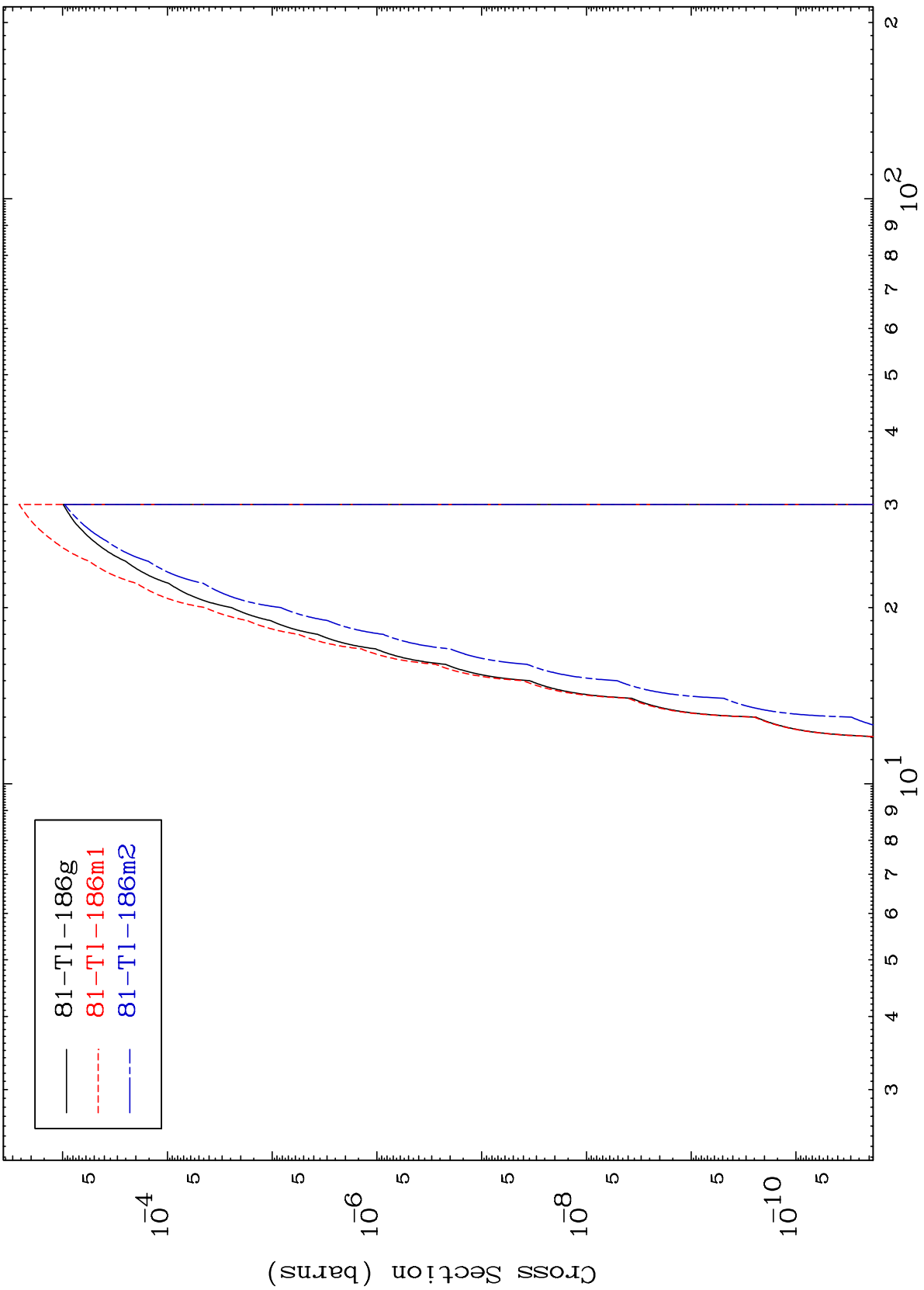


MAT 8174

(n,p) d

82-Pb-187

Radionuclide Production Cross Section



81-Tl-186g
81-Tl-186m1
81-Tl-186m2

24

Incident Energy (MeV)

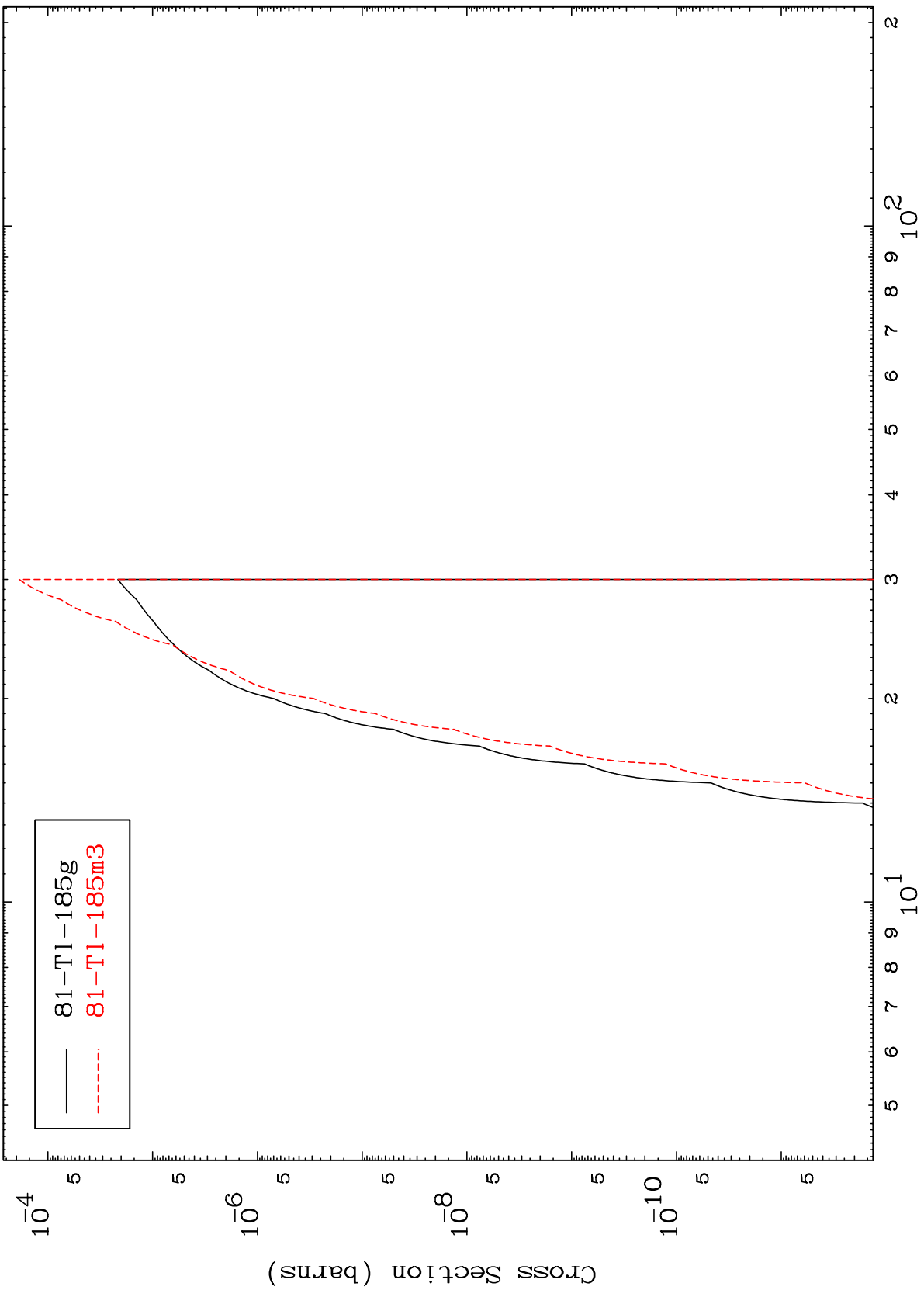
82-Pb-187

MAT 8174

(n,p) t

82-Pb-187

Radionuclide Production Cross Section



25

Incident Energy (MeV)

82-Pb-187