

Program EVALPLOT
(Version 2021-1)

by

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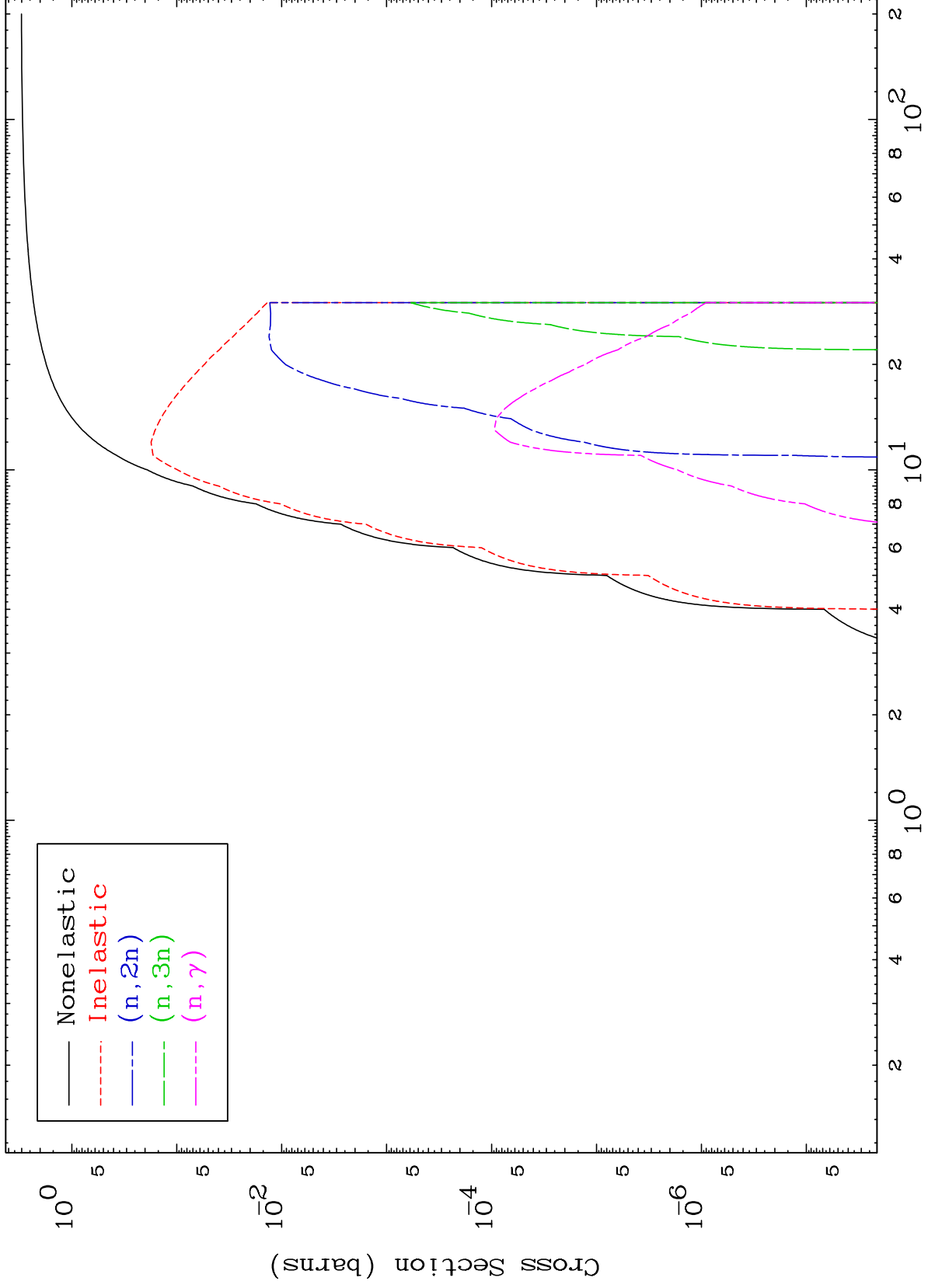
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8181

Deuteron Major
0 Kelvin Cross Sections

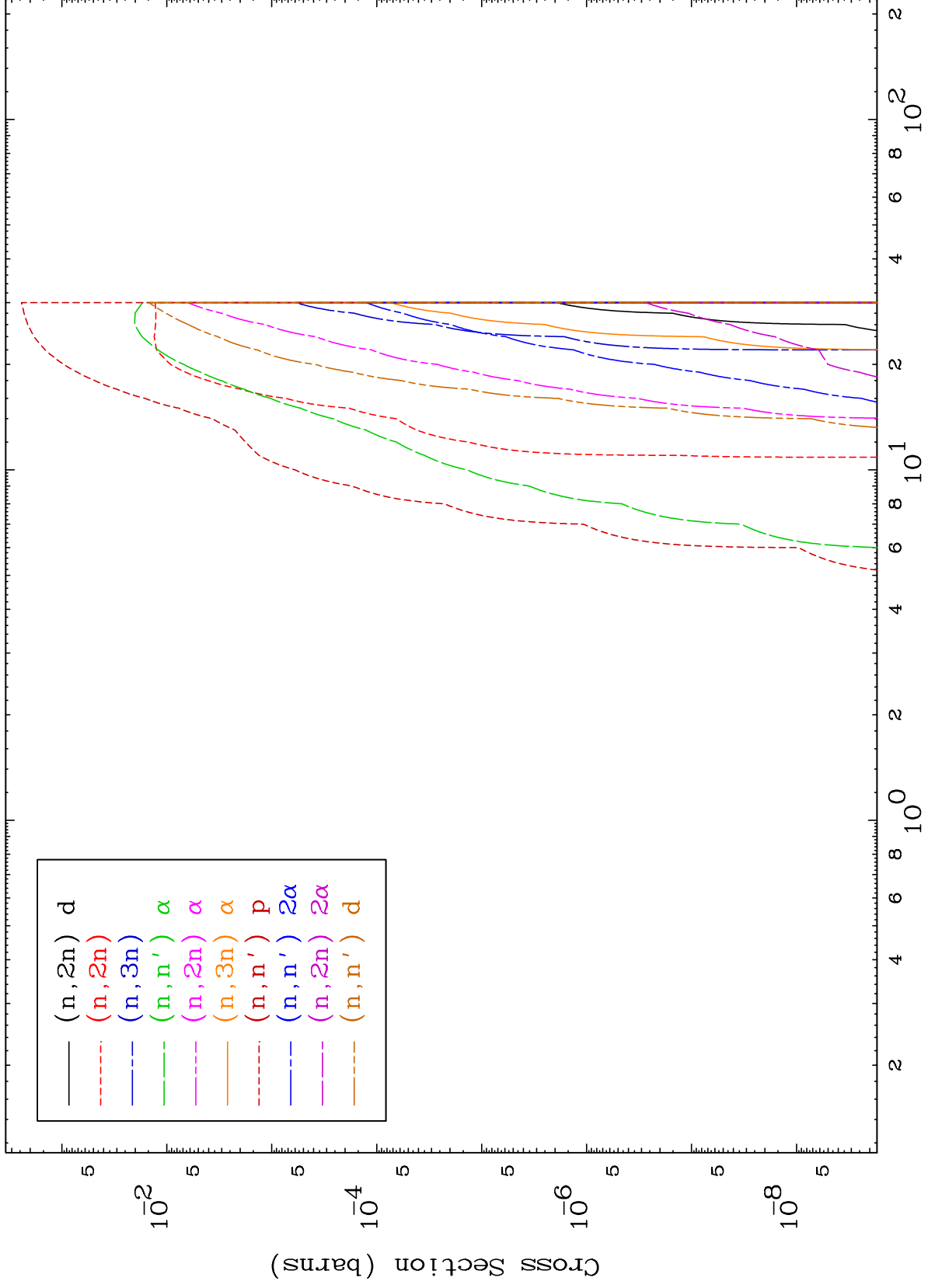
82-Pb-189m

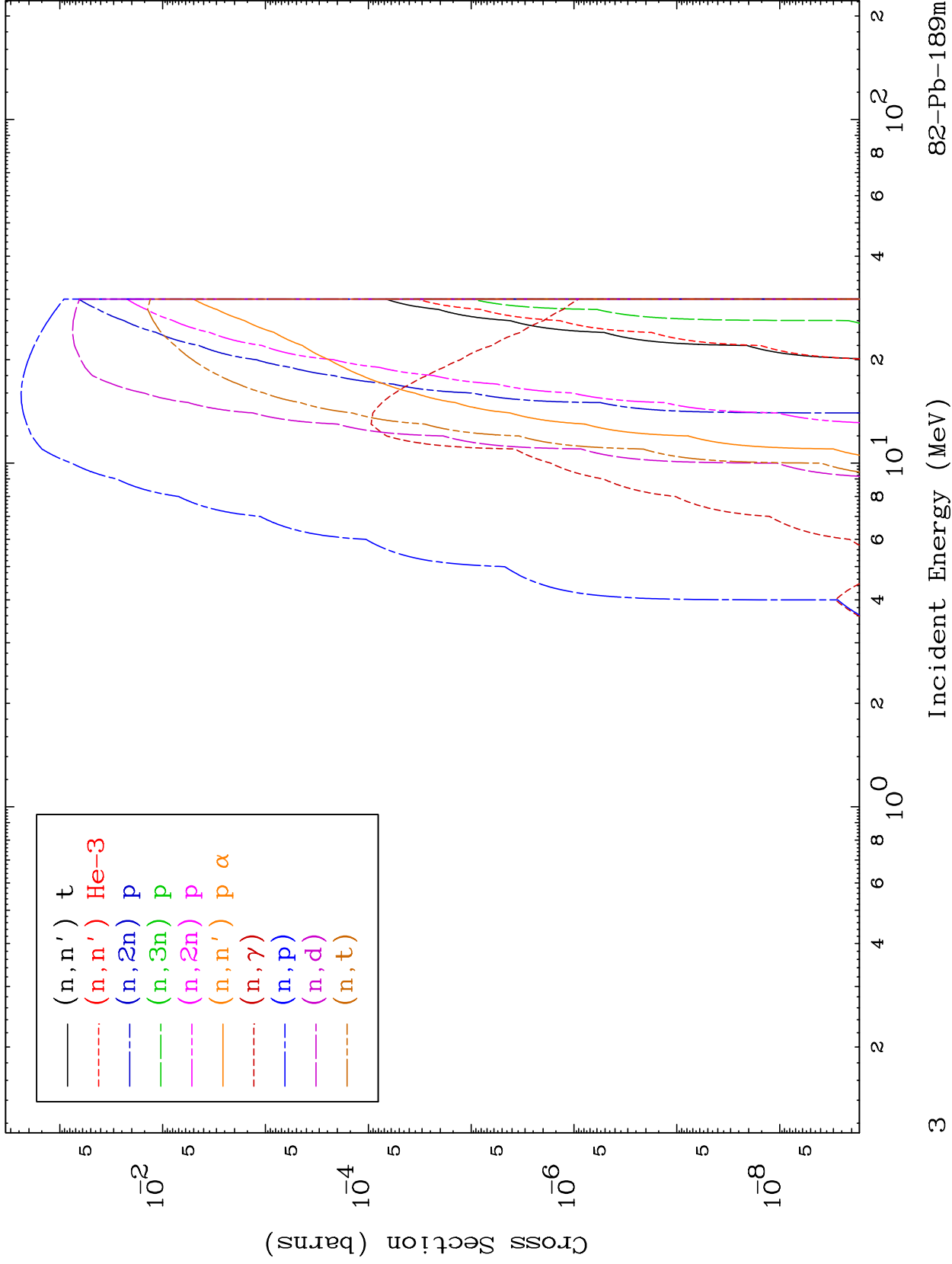


MAT 8181

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-189m

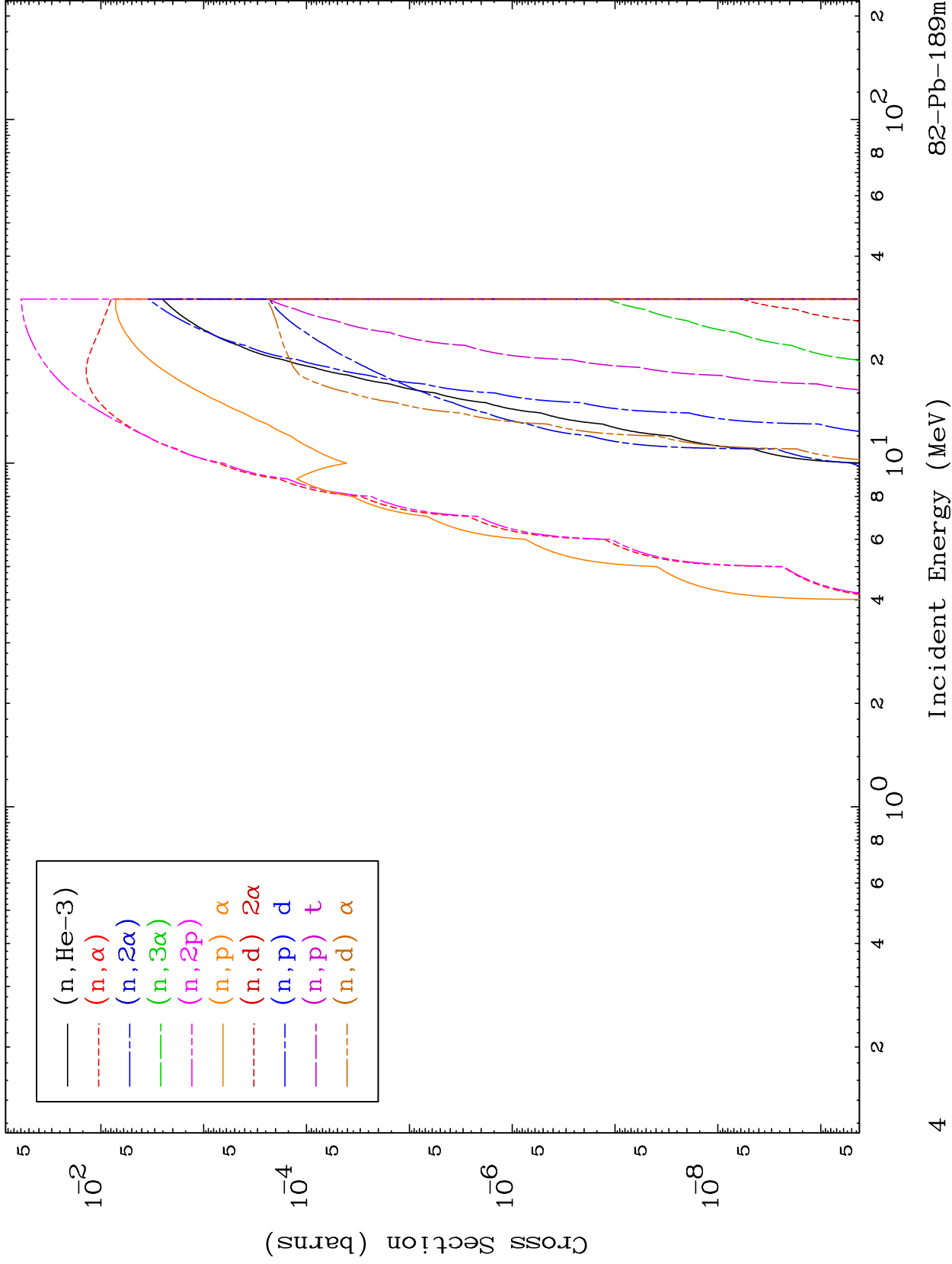


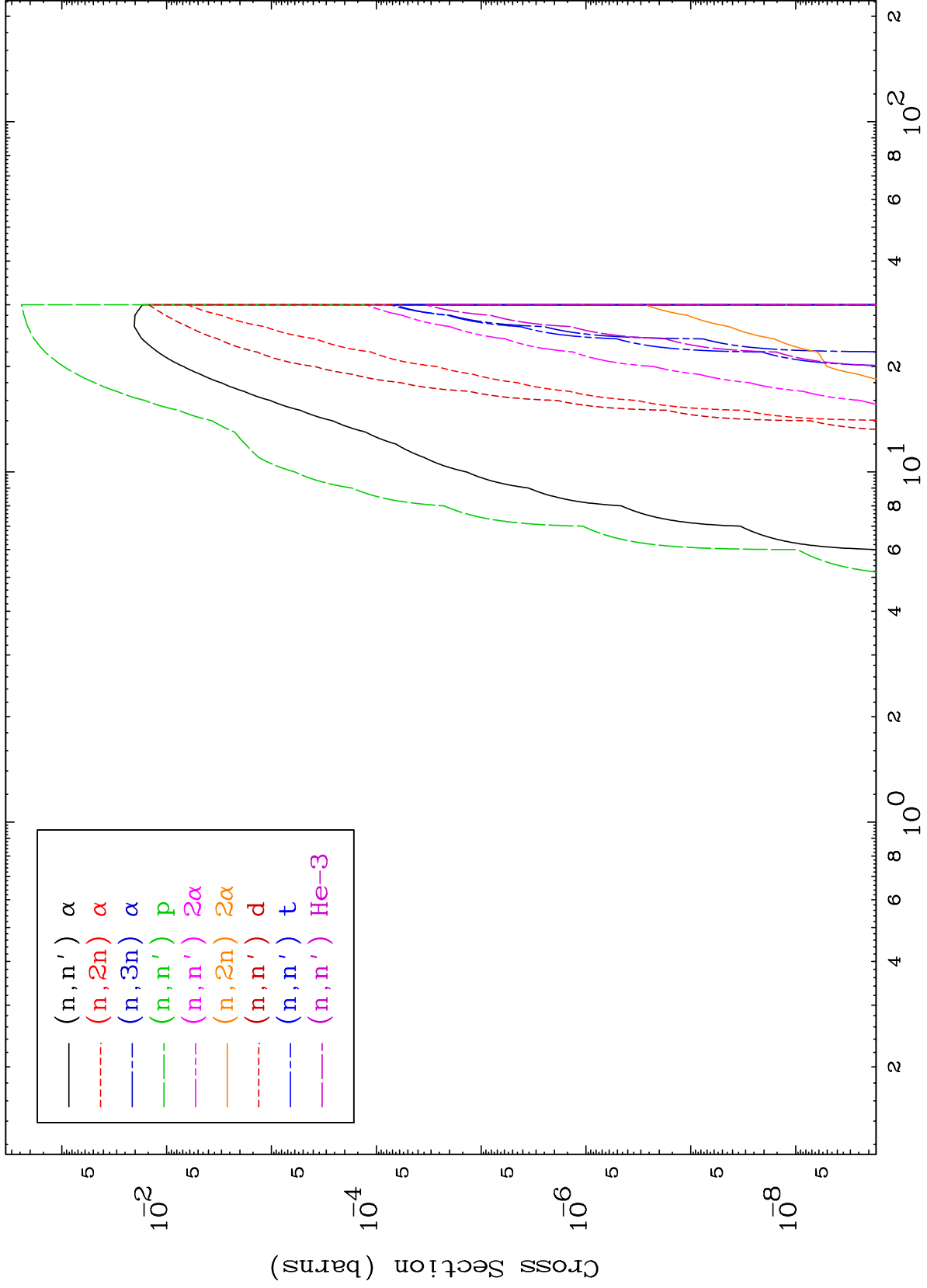


MAT 8181

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-189m

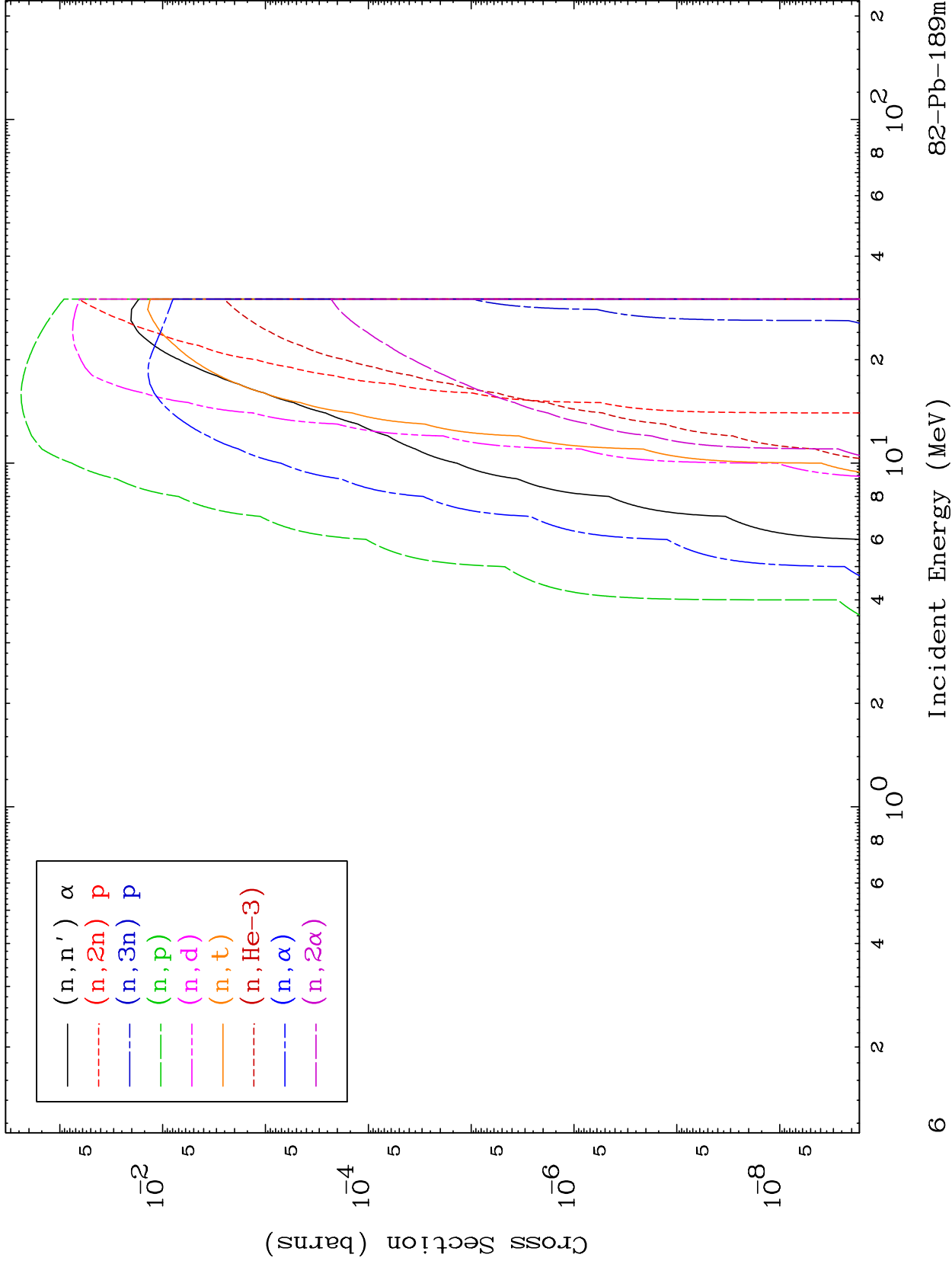


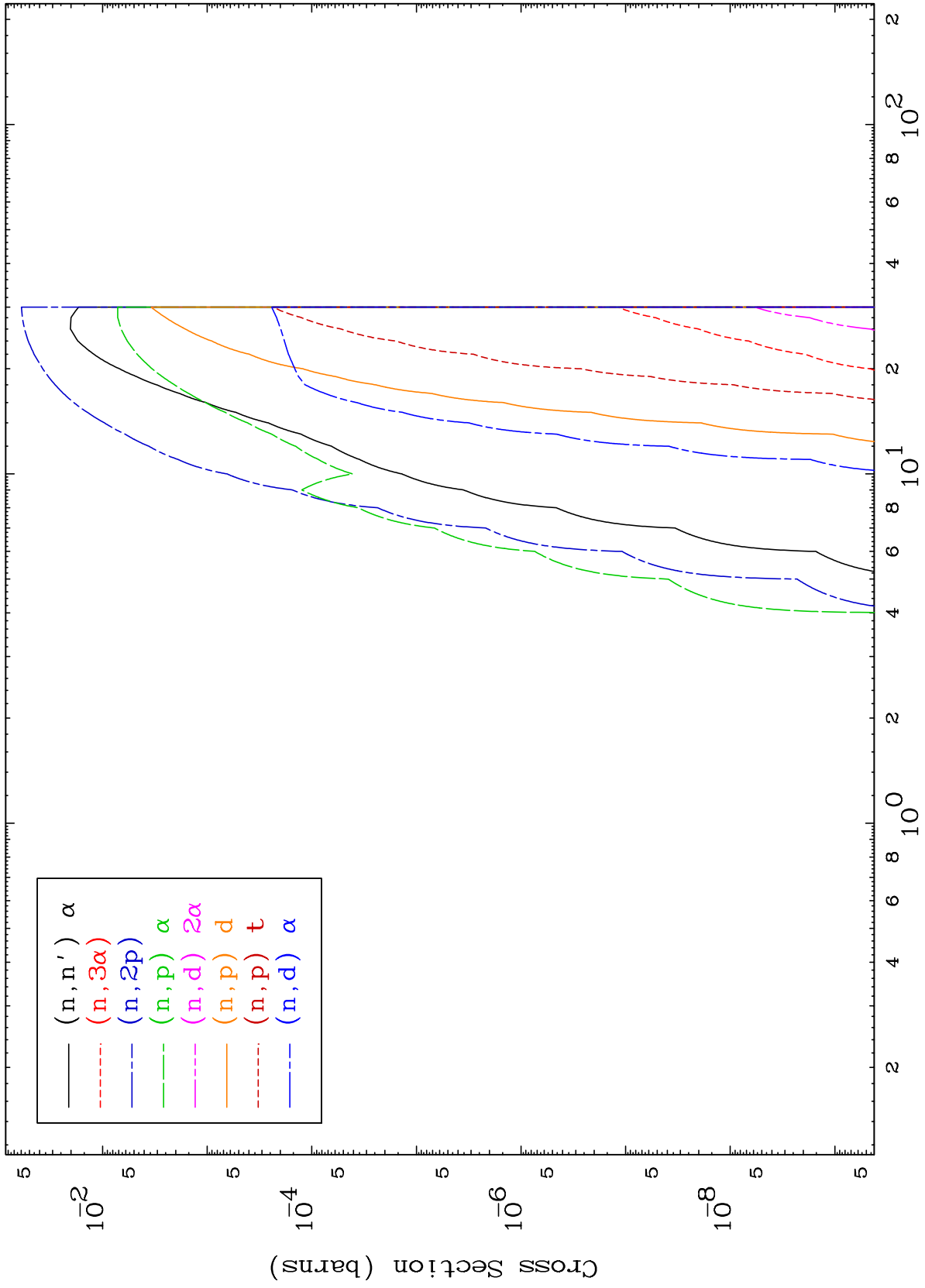


MAT 8181

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-189m



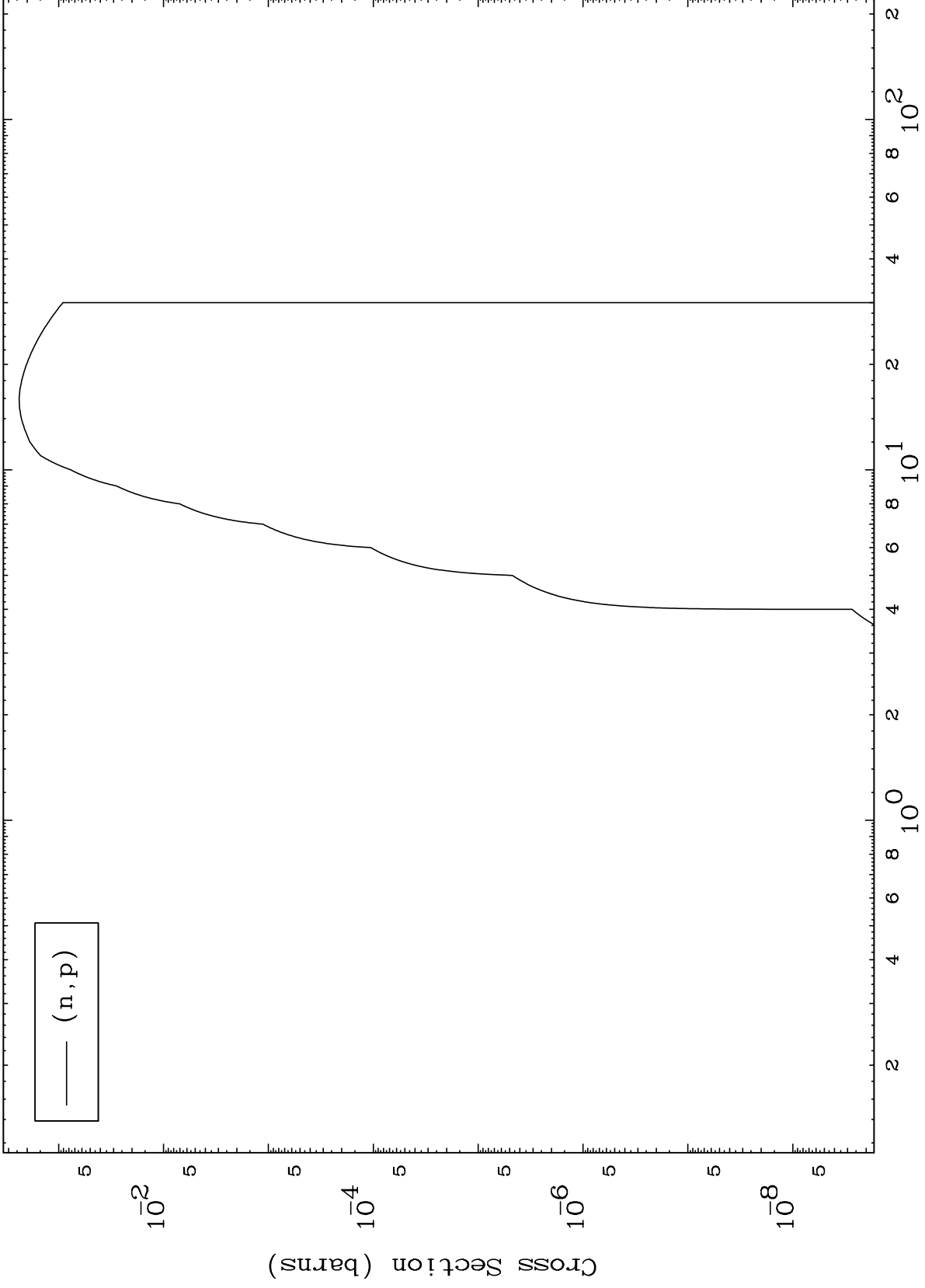


MAT 8181

(d,p) Levels

82-Pb-189m

0 Kelvin Cross Sections

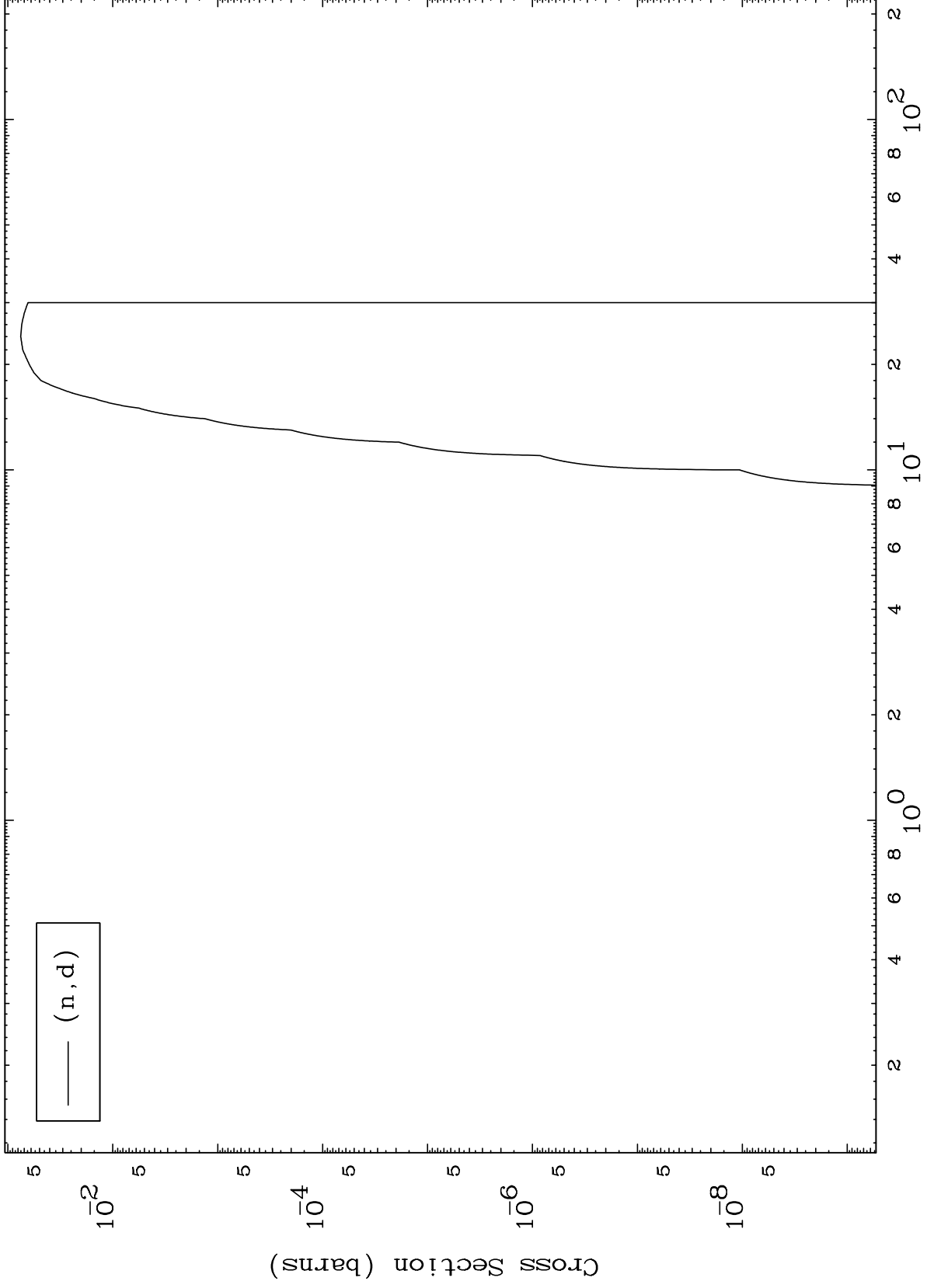


MAT 8181

(d,d) Levels

⁸²Pb-189m

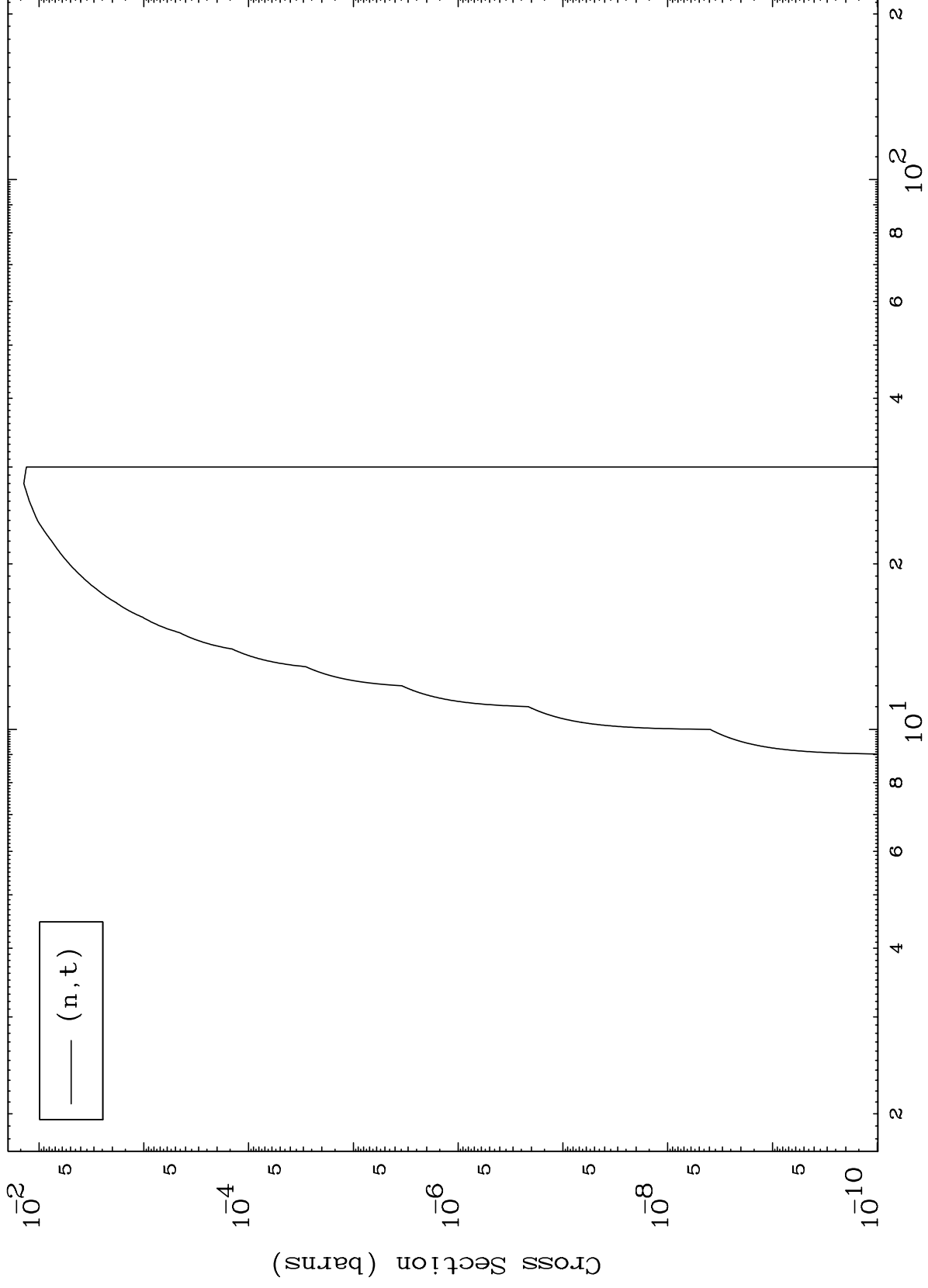
0 Kelvin Cross Sections



MAT 8181

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-189m



10

Incident Energy (MeV)

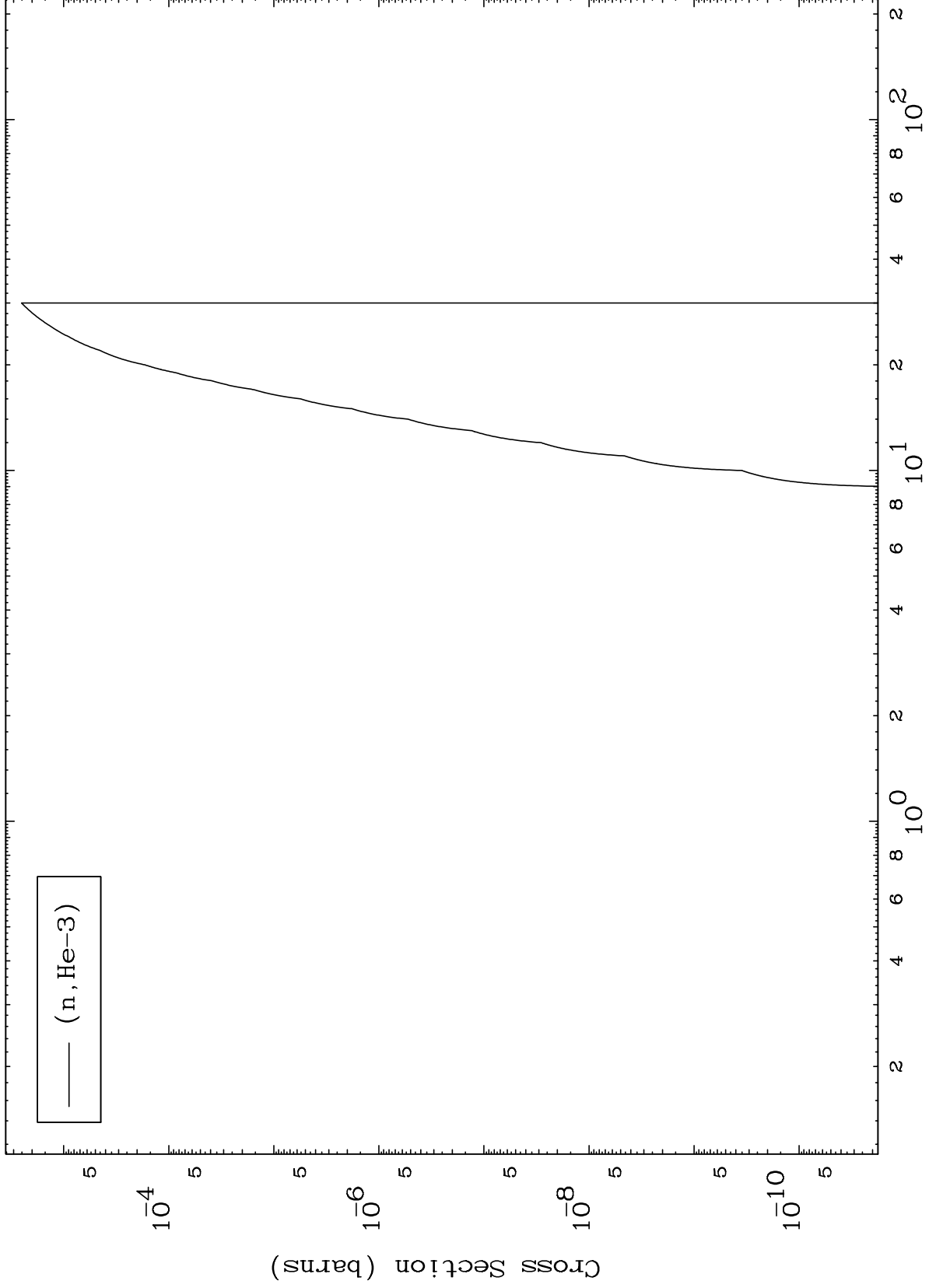
82-Pb-189m

MAT 8181

(d,He3) Levels

82-Pb-189m

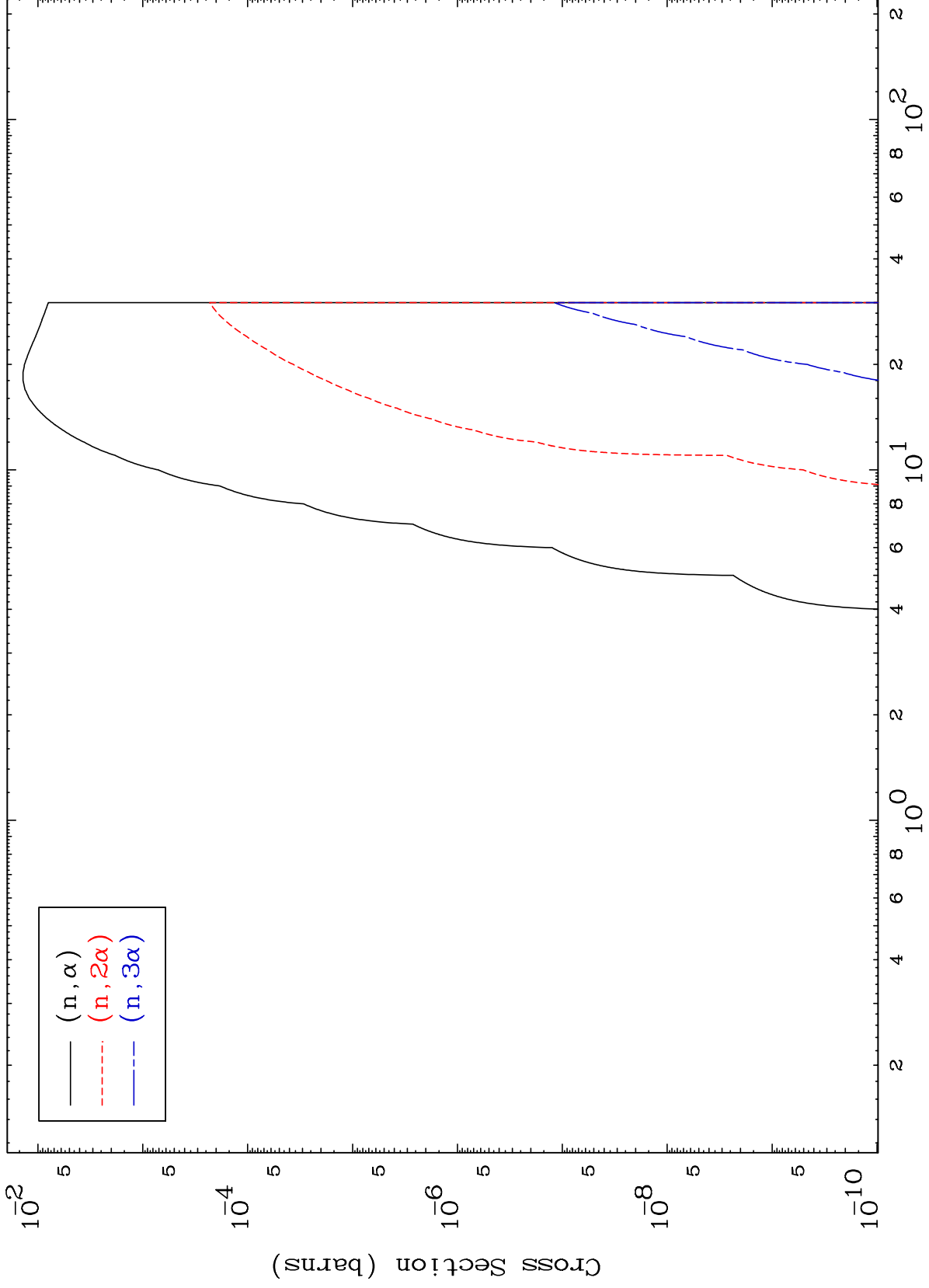
0 Kelvin Cross Sections



MAT 8181

0 Kelvin Cross Sections

82-Pb-189m



12

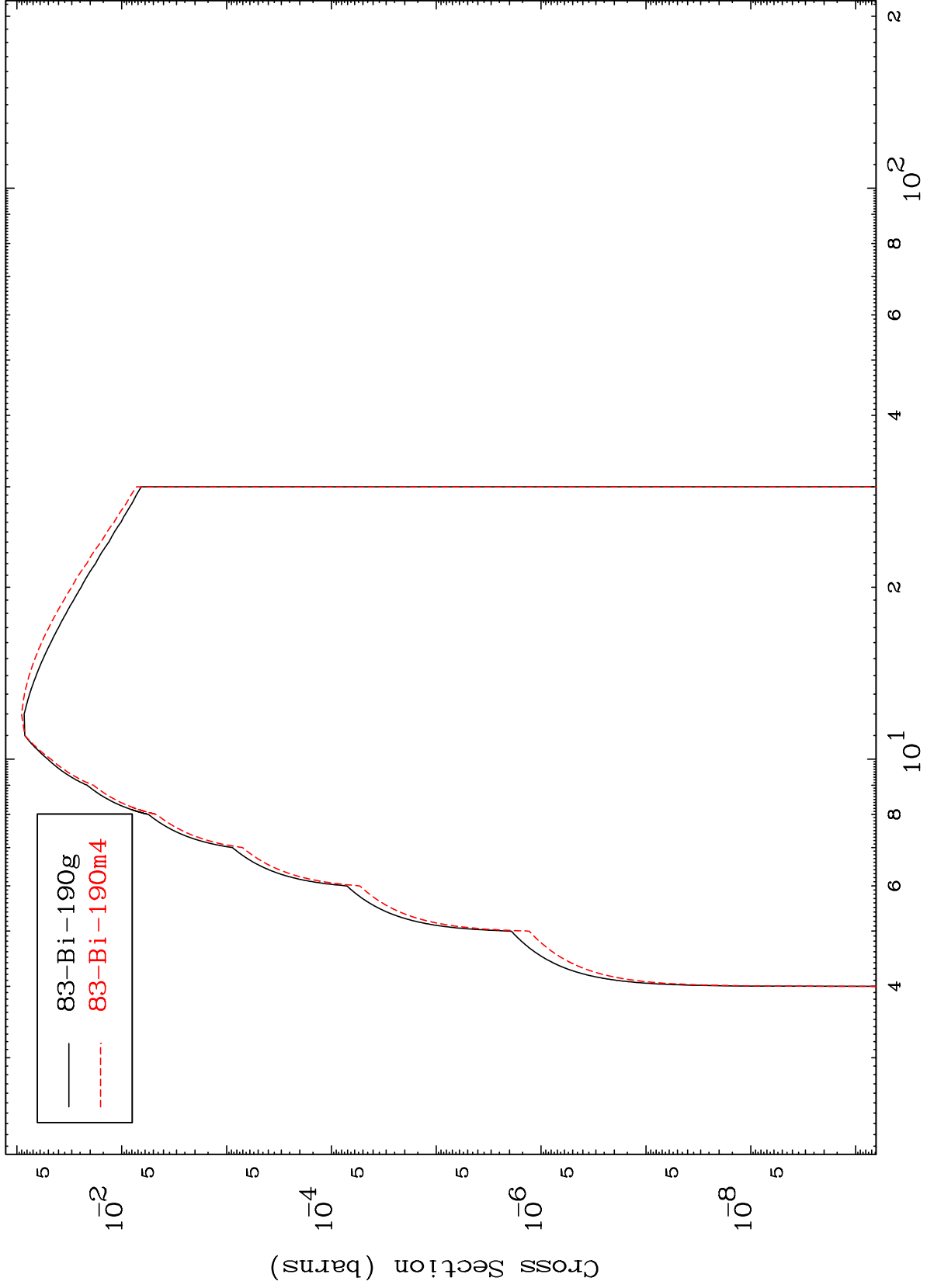
Incident Energy (MeV)

82-Pb-189m

MAT 8181

82-Pb-189m

Radionuclide Production Cross Section



13

82-Pb-189m

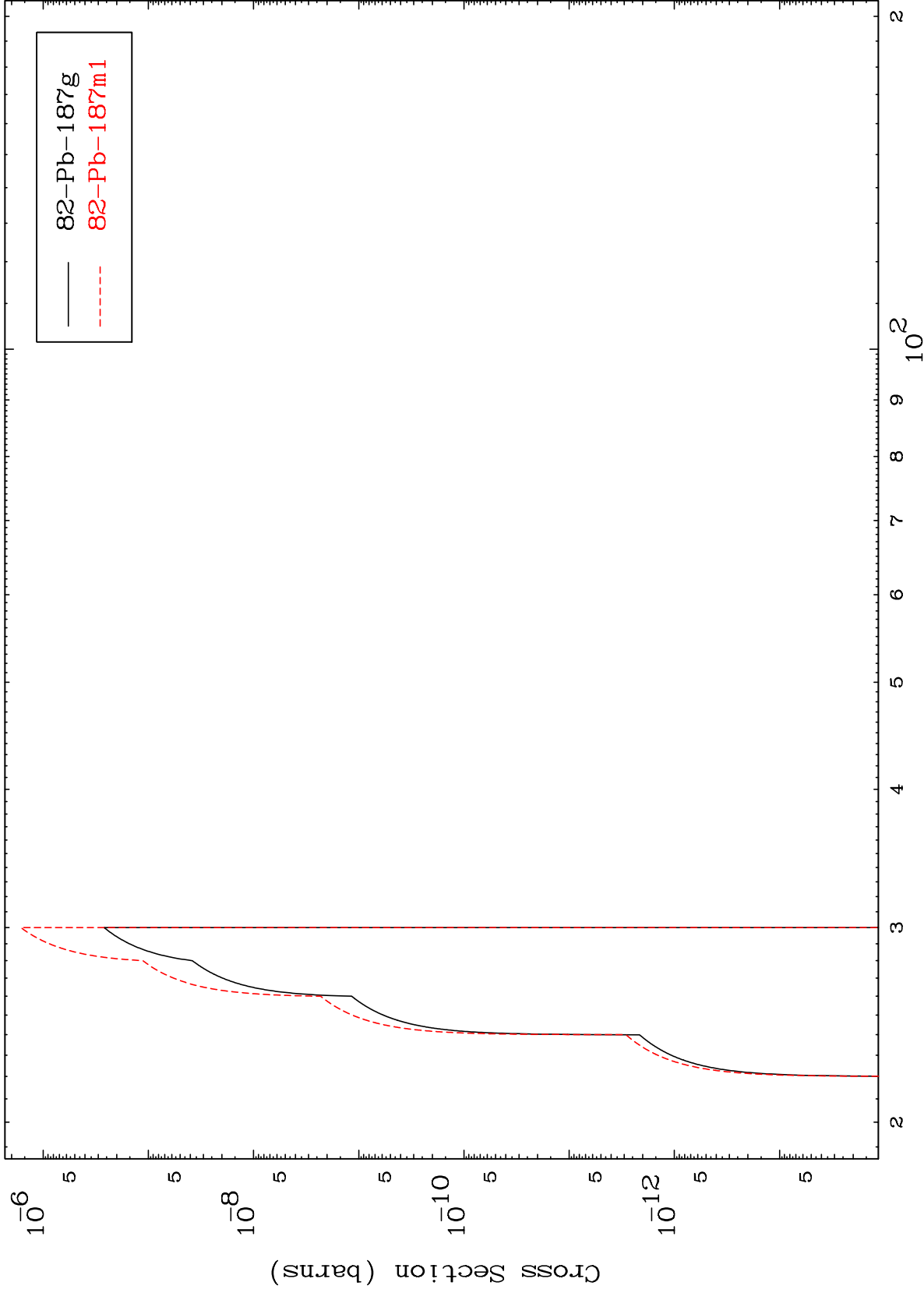
Incident Energy (MeV)

MAT 8181

(n,2n) d

82-Pb-189m

Radionuclide Production Cross Section



14

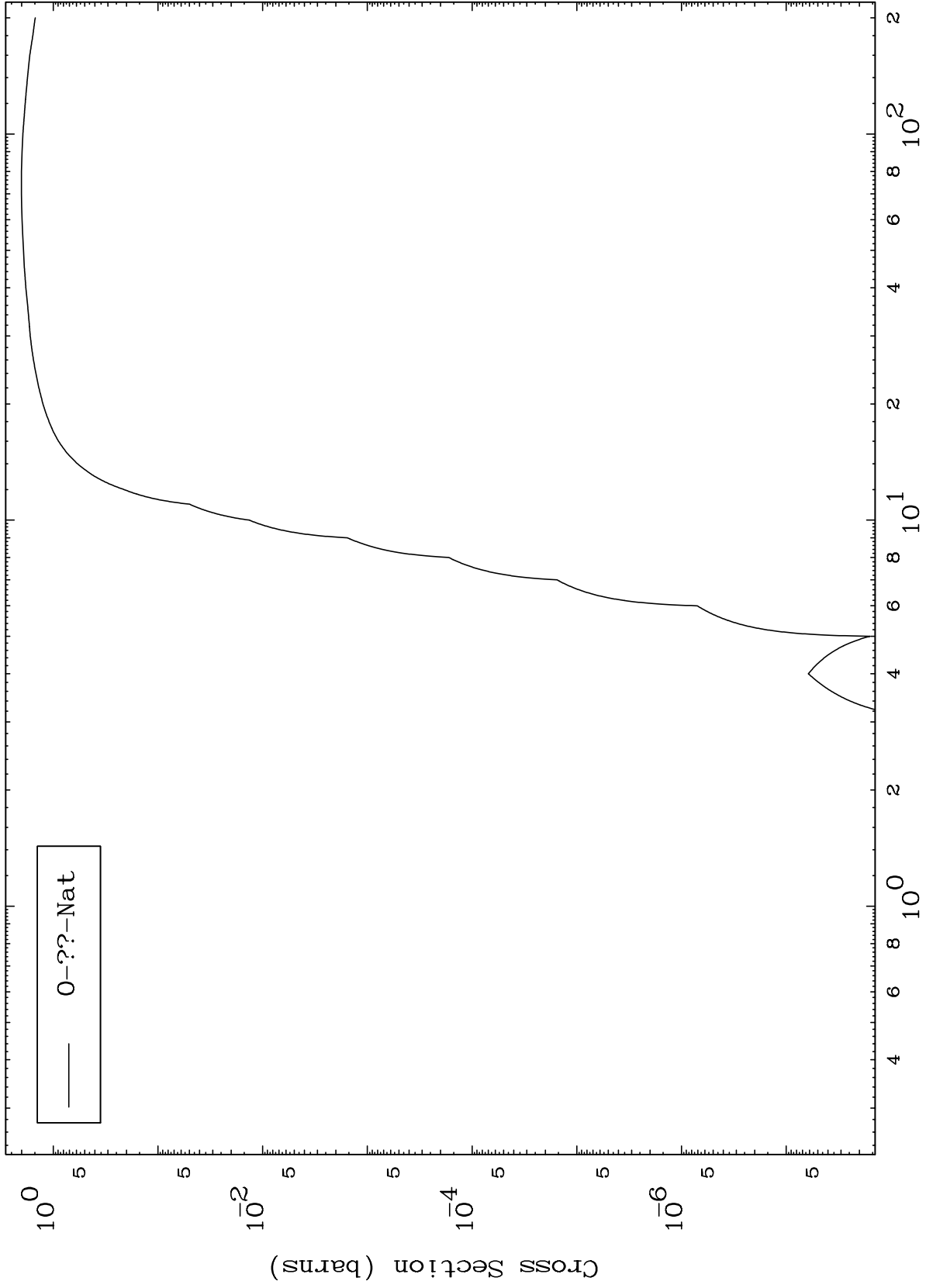
Incident Energy (MeV)

82-Pb-189m

MAT 8181

Fission
Radionuclide Production Cross Section

⁸²Pb-189m



15

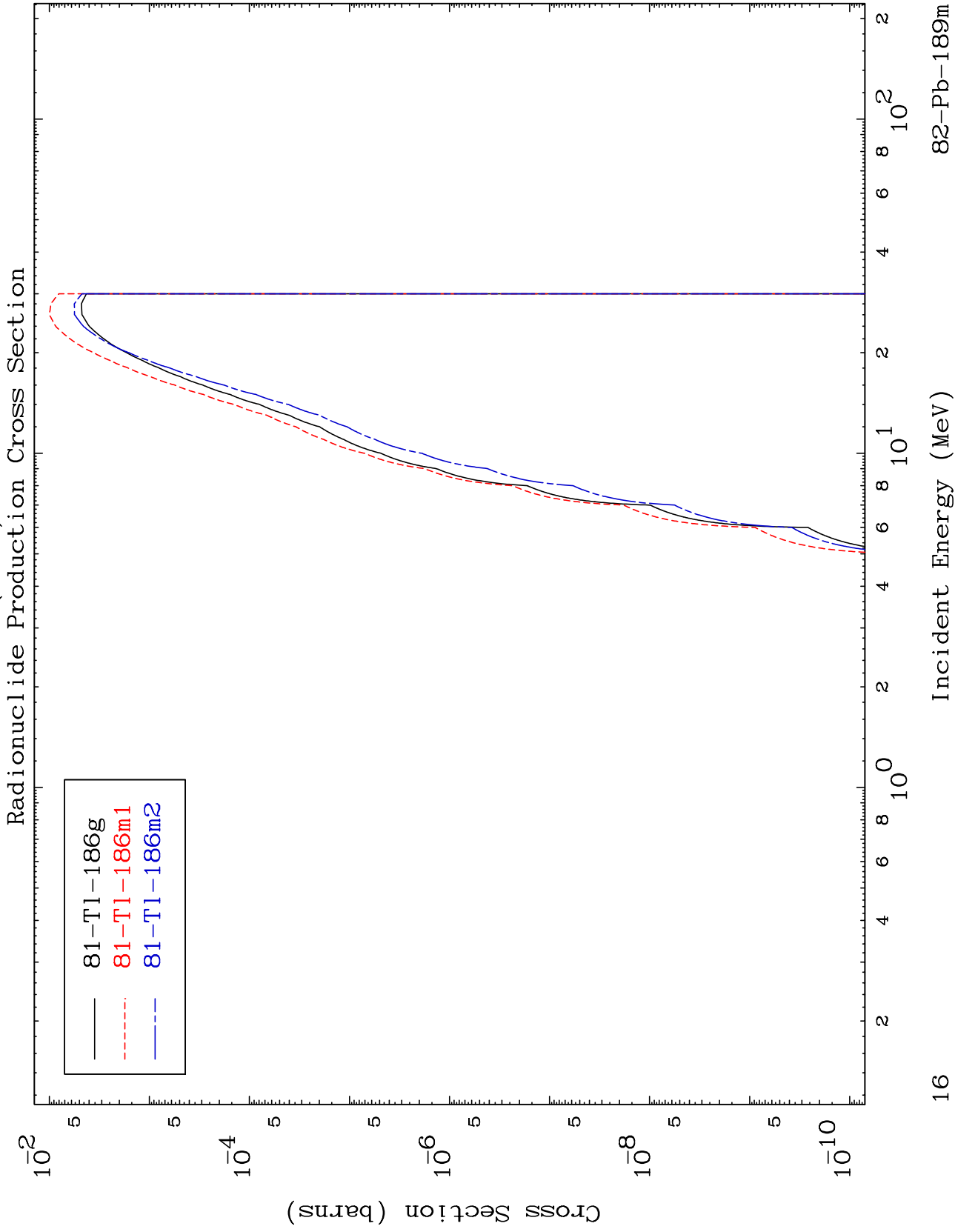
Incident Energy (MeV)

⁸²Pb-189m

MAT 8181

$(n, n') \alpha$

$^{82}\text{Pb}-^{189}\text{m}$

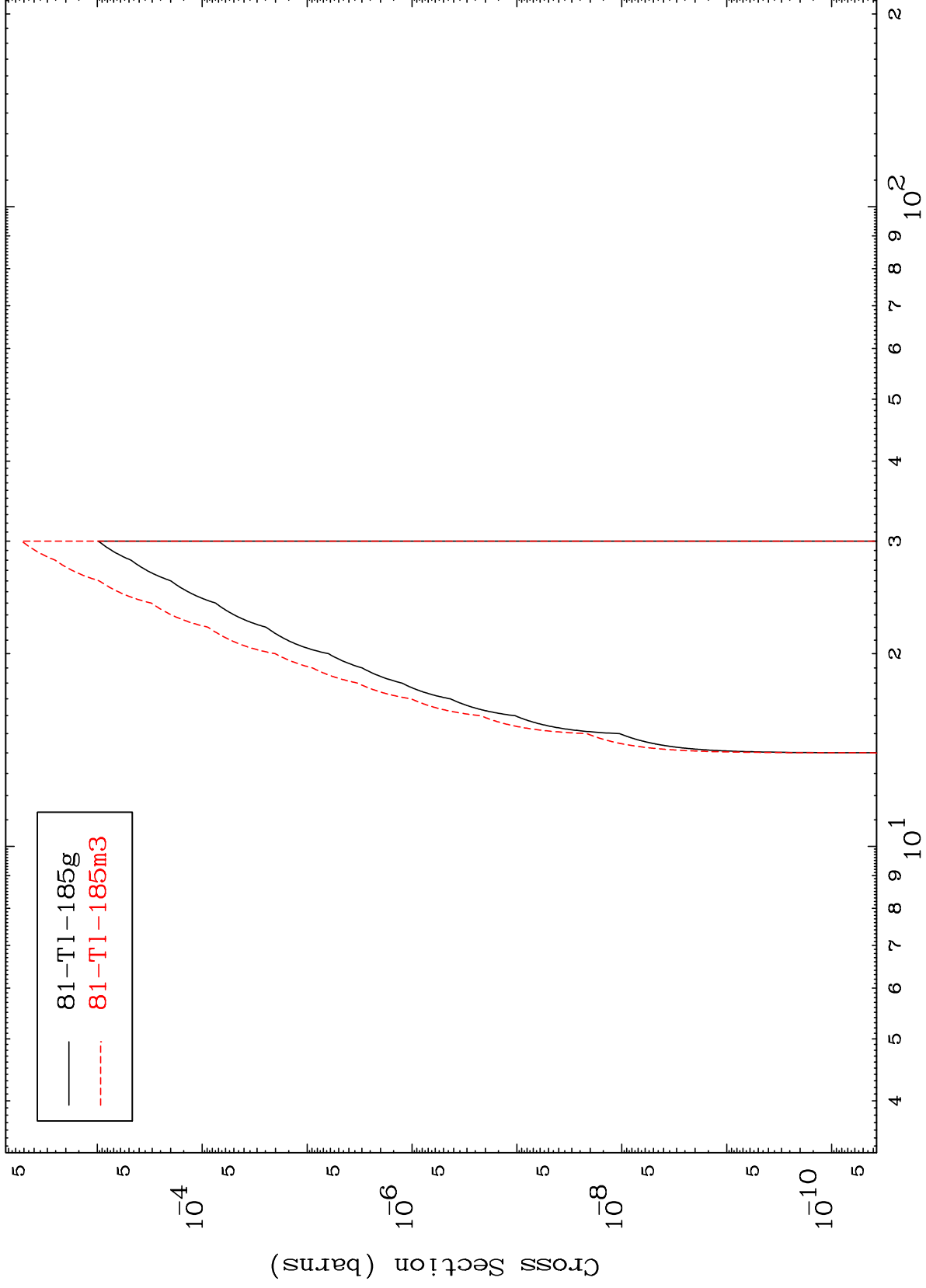


MAT 8181

(n,2n) α

82-Pb-189m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

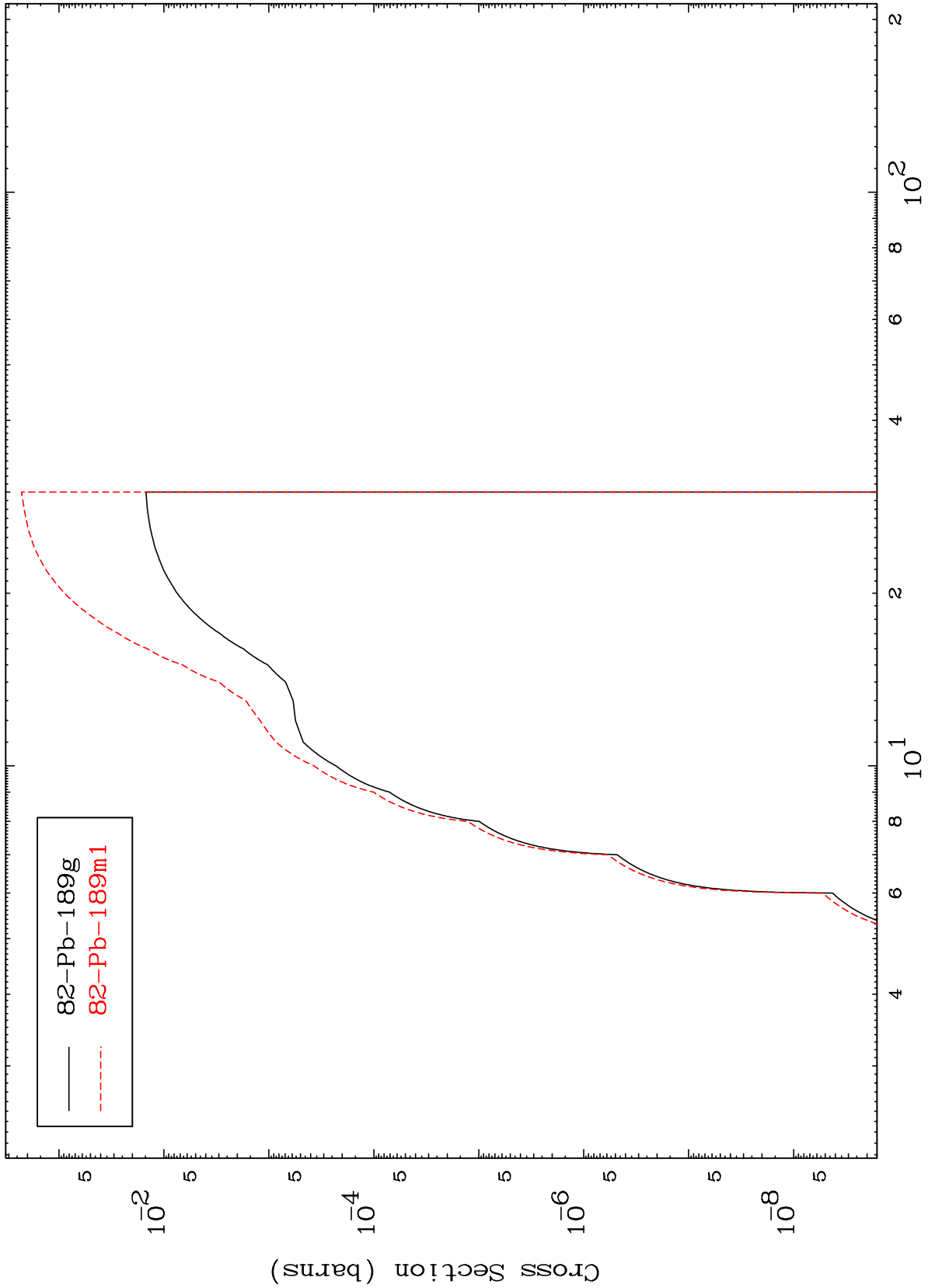
82-Pb-189m

MAT 8181

(n,n') p

⁸²Pb-189m

Radionuclide Production Cross Section

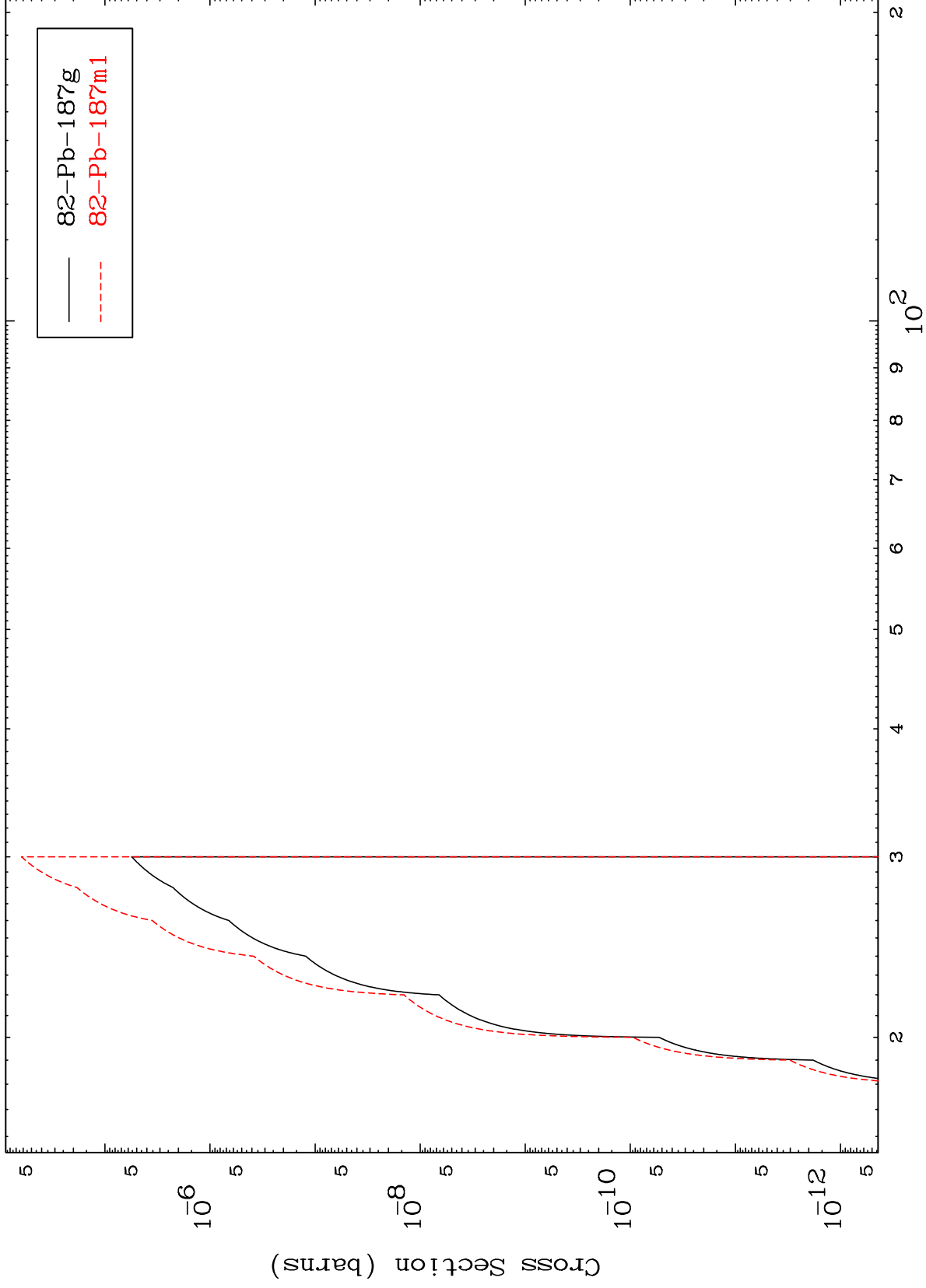


MAT 8181

(n,n') t

82-Pb-189m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

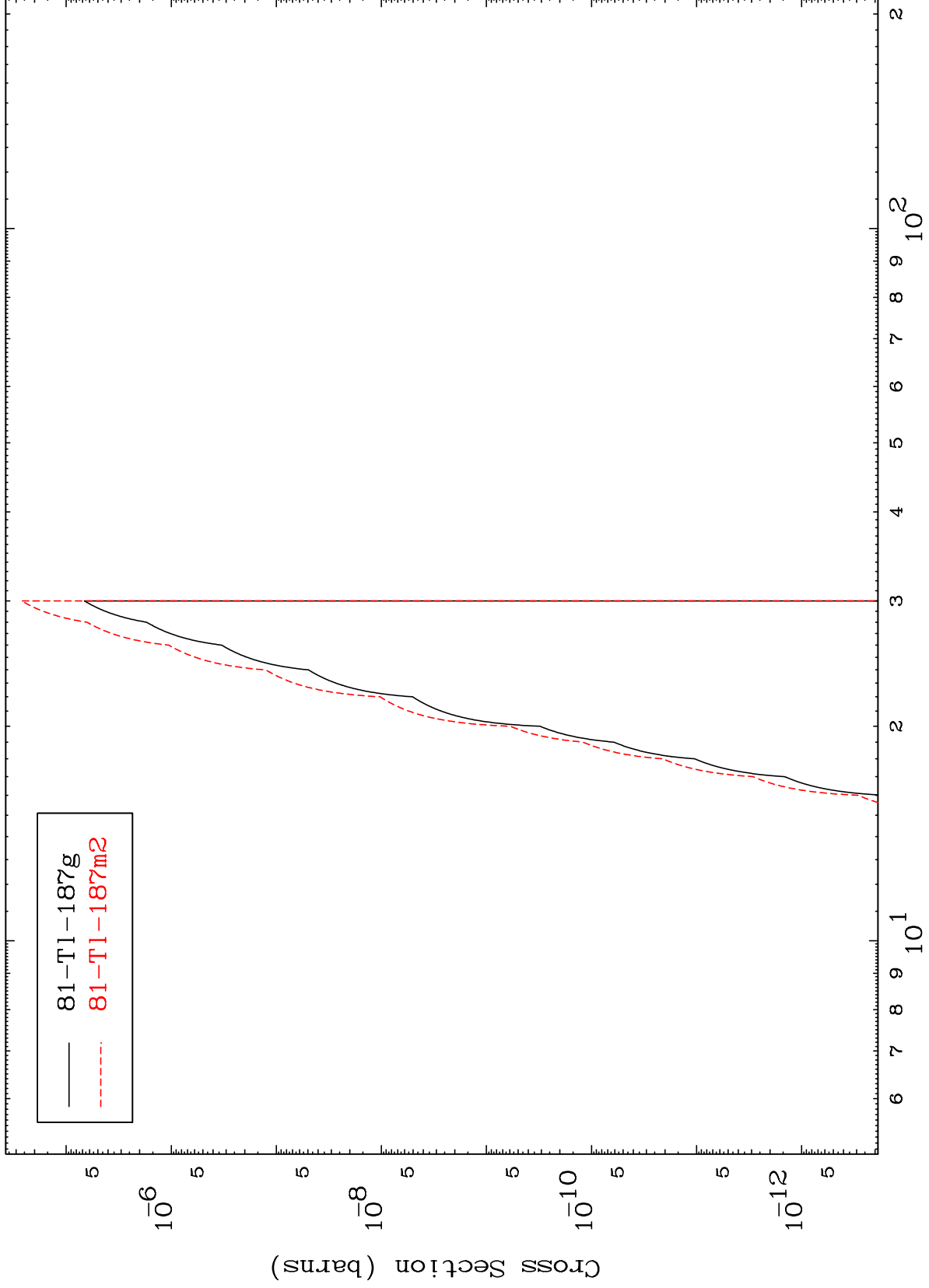
82-Pb-189m

MAT 8181

(n,n') He-3

82-Pb-189m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

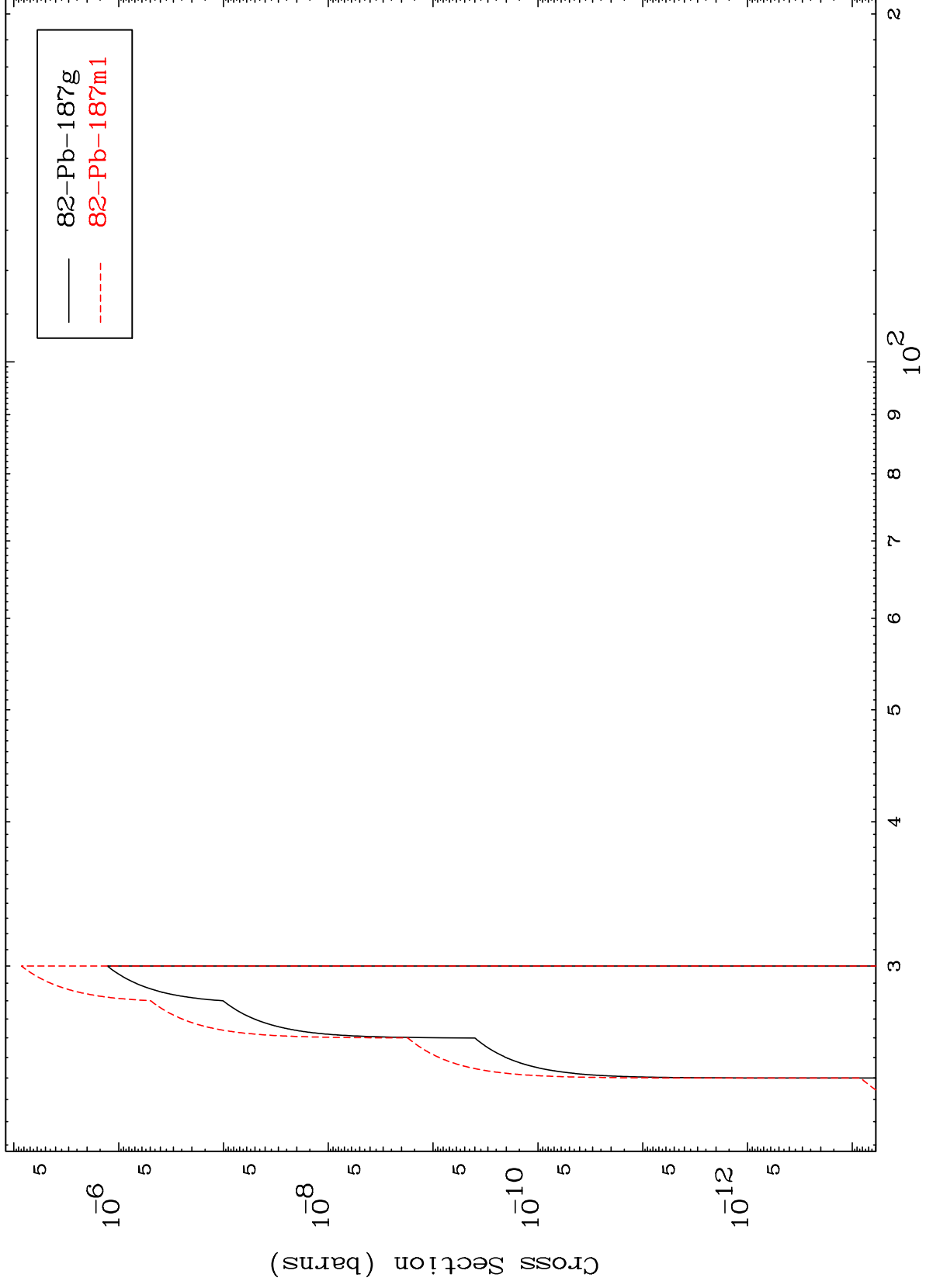
82-Pb-189m

MAT 8181

(n,3n) p

82-Pb-189m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

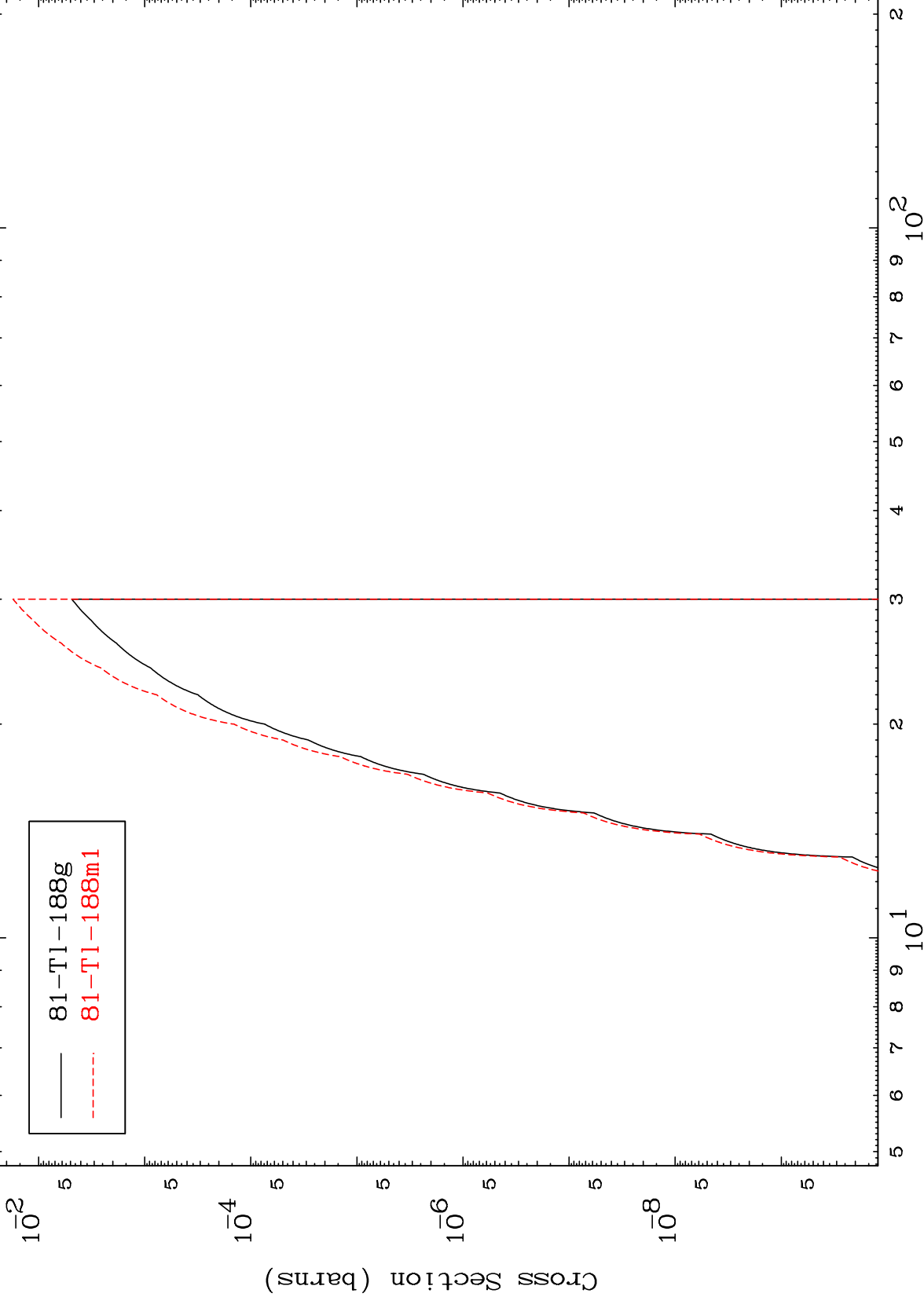
82-Pb-189m

MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

82-Pb-189m

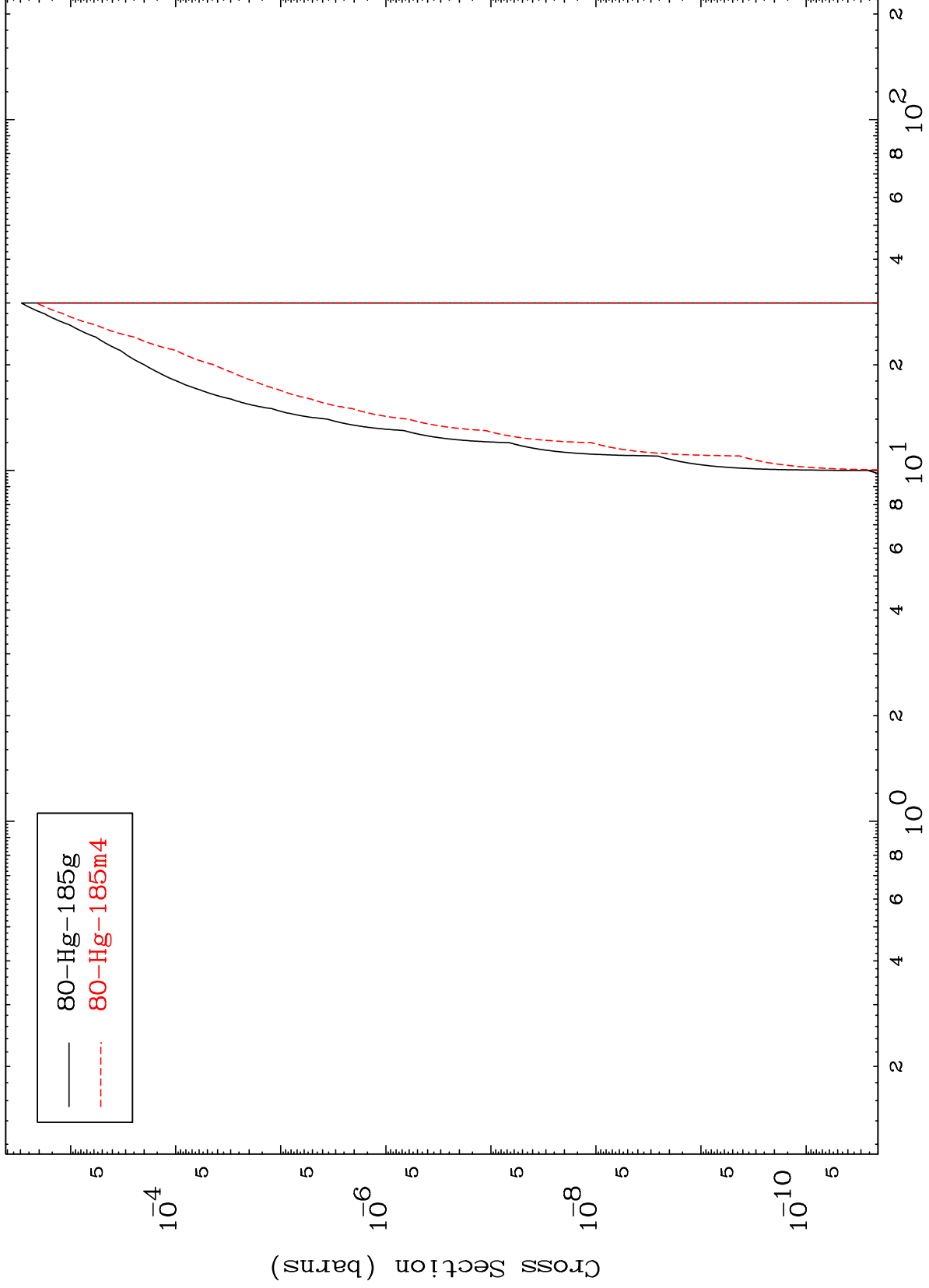
22

MAT 8181

(n,n') p α

⁸²Pb-189m

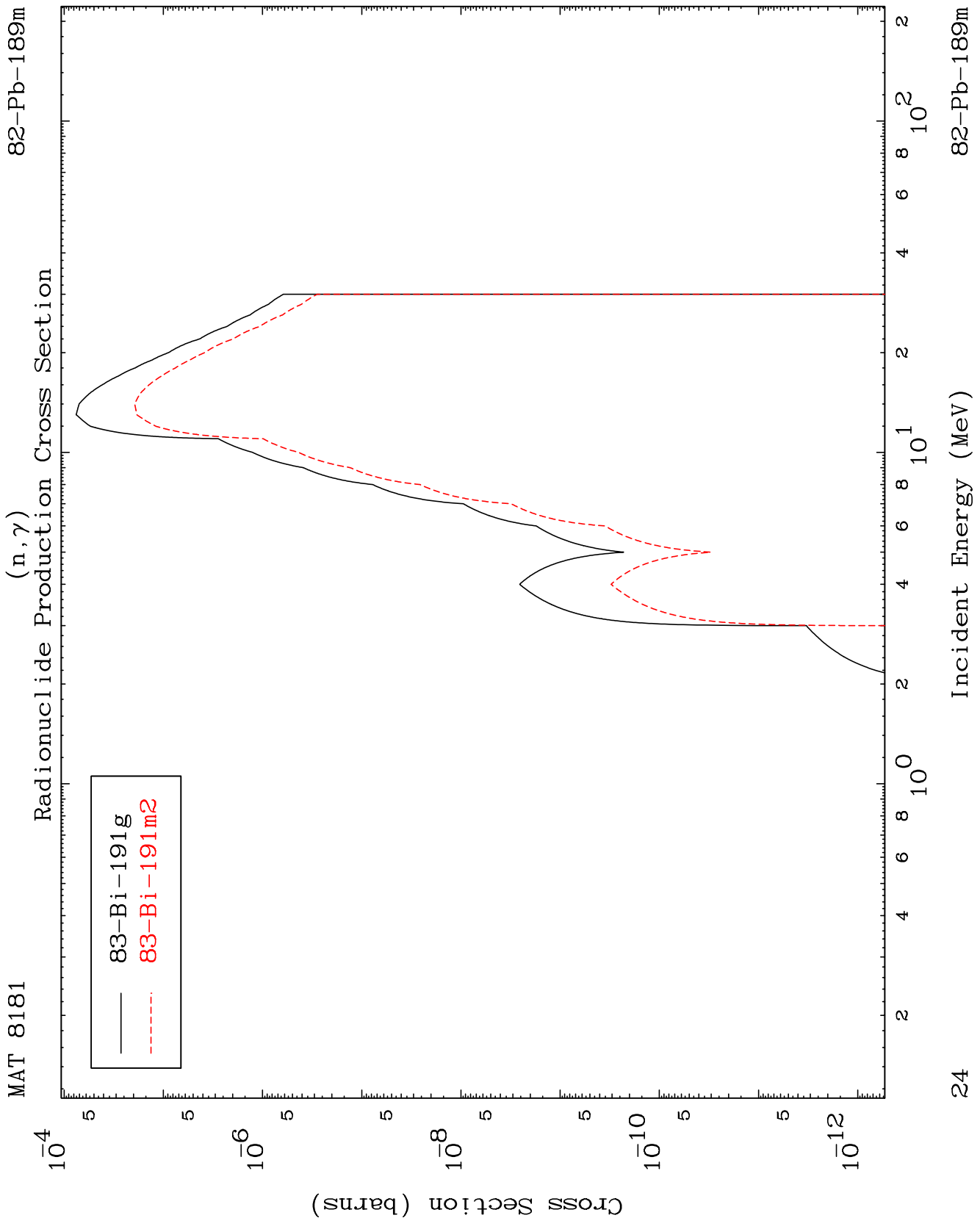
Radionuclide Production Cross Section



23

Incident Energy (MeV)

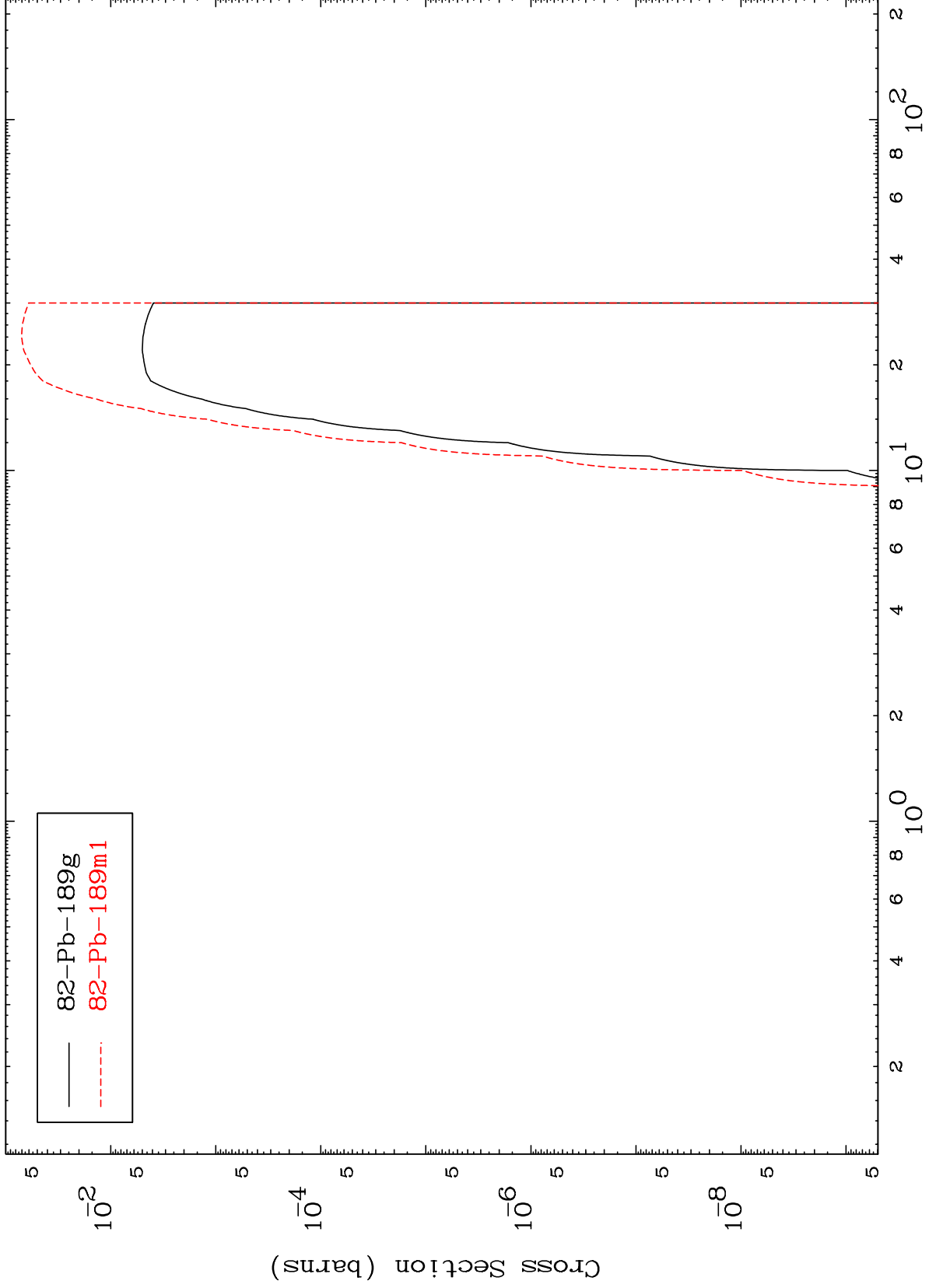
⁸²Pb-189m



MAT 8181

$^{82}\text{Pb-189m}$

(n,d)
Radionuclide Production Cross Section



25

$^{82}\text{Pb-189m}$

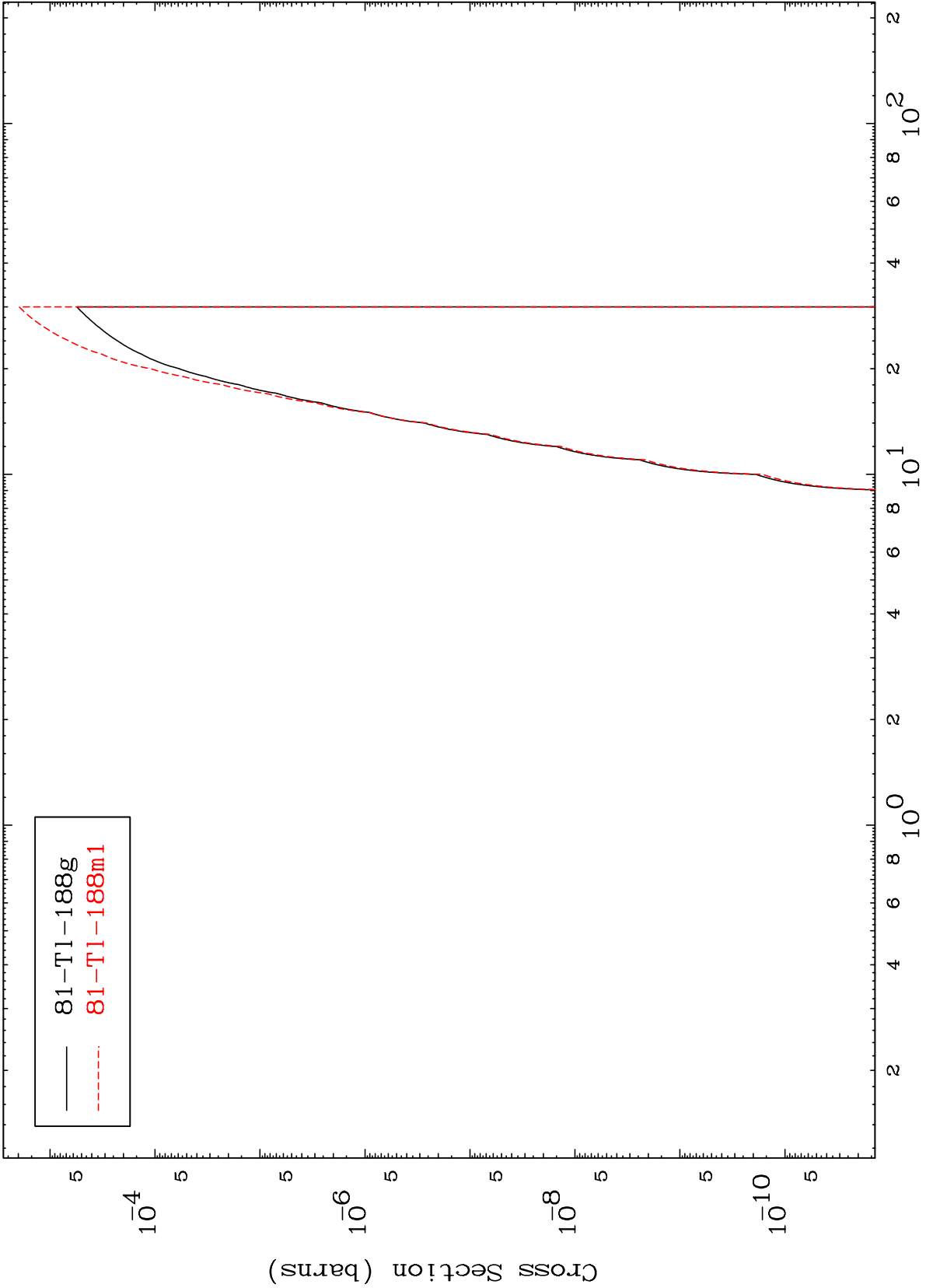
Incident Energy (MeV)

MAT 8181

(n,He-3)

82-Pb-189m

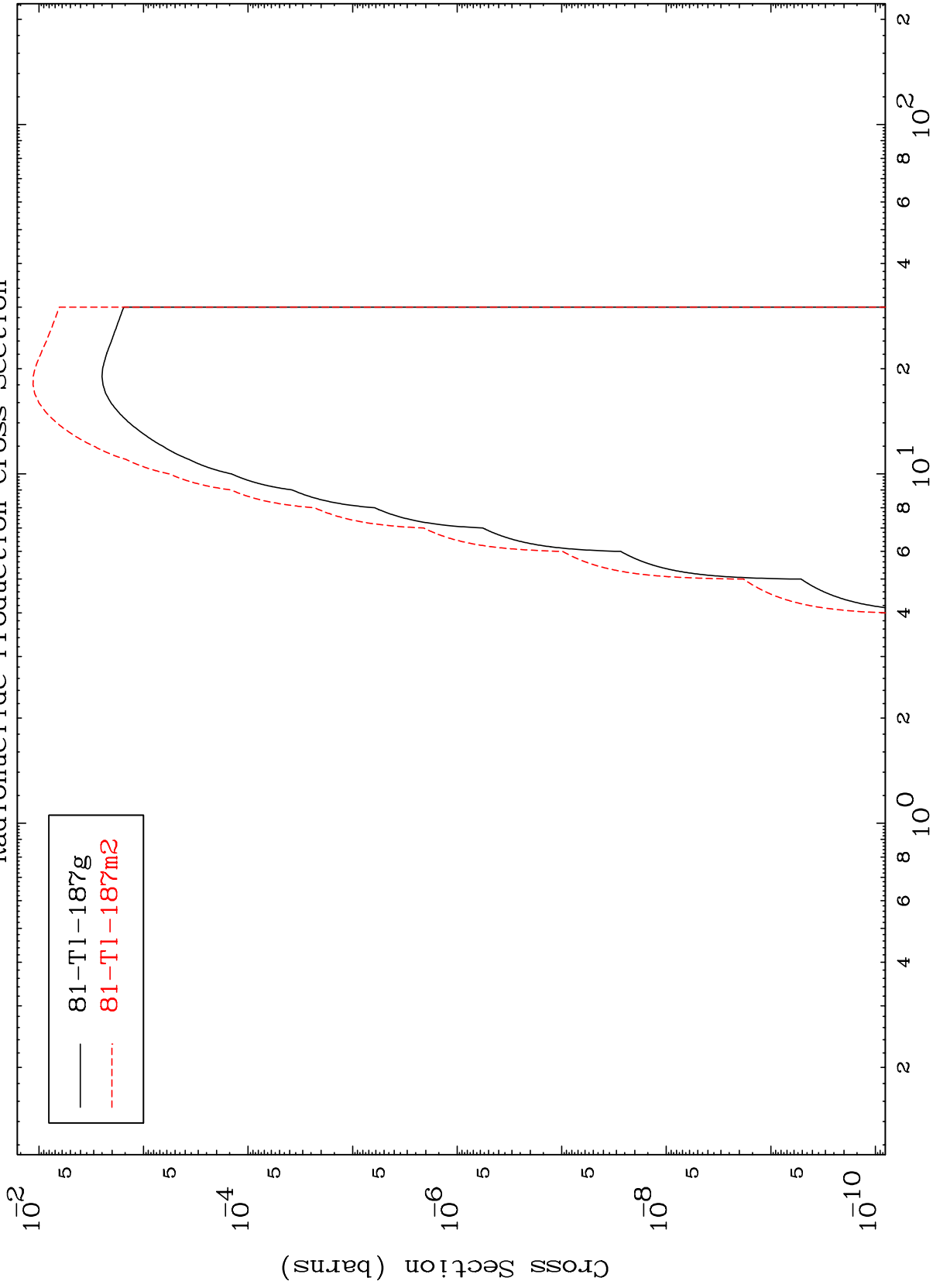
Radionuclide Production Cross Section



MAT 8181

82-Pb-189m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-189m

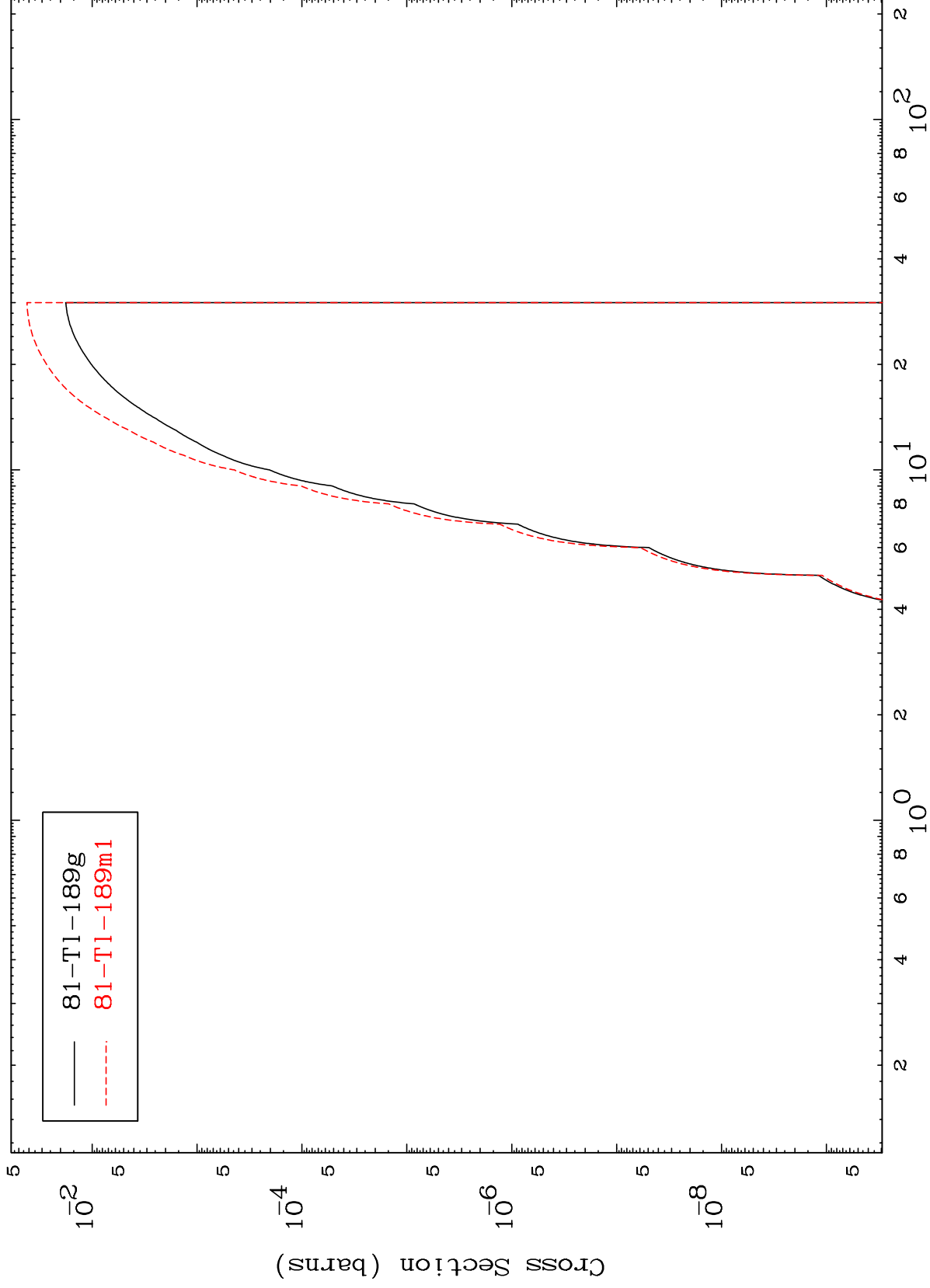
27

MAT 8181

(n,2p)

82-Pb-189m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

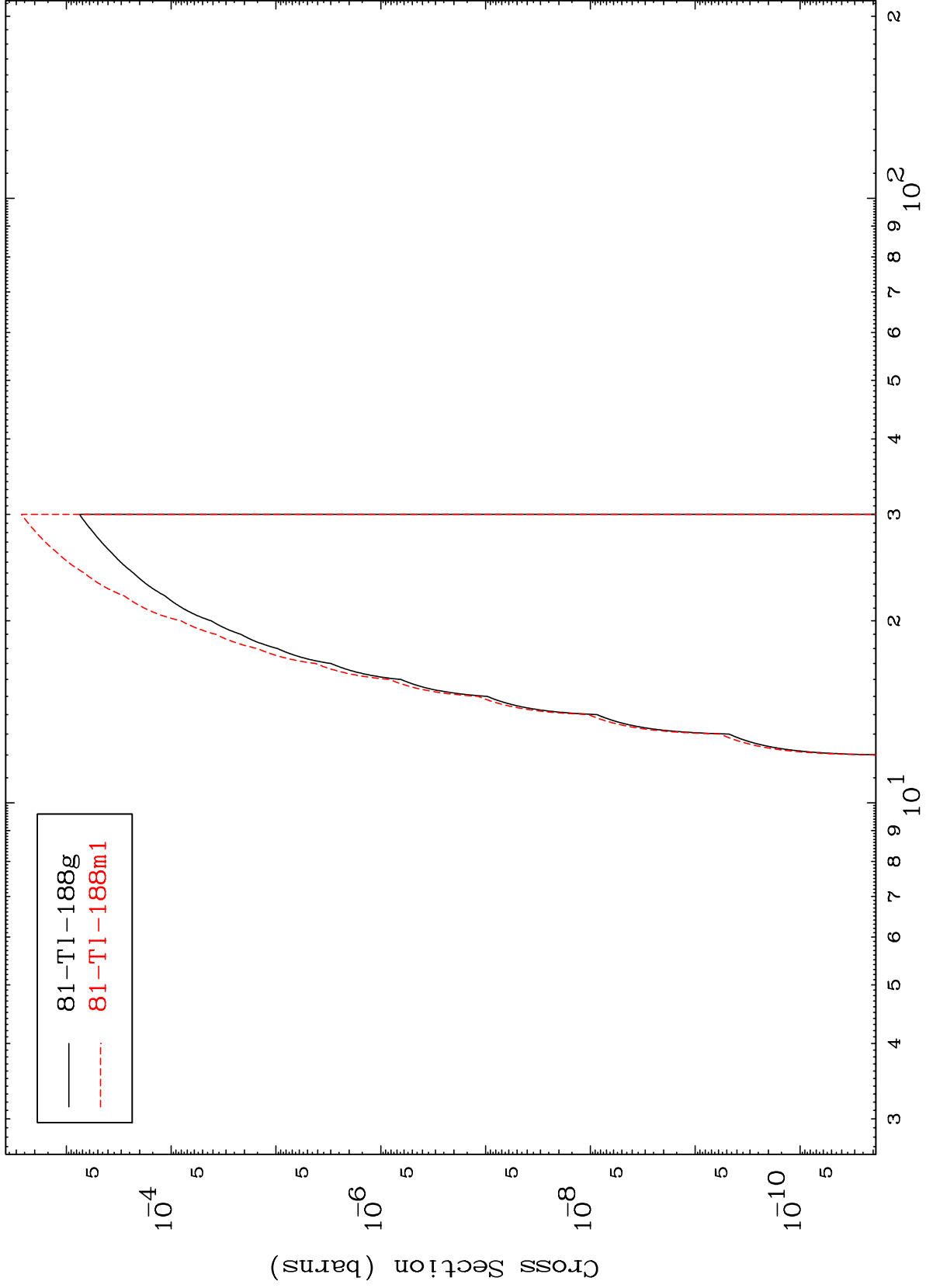
82-Pb-189m

MAT 8181

(n,p) d

82-Pb-189m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

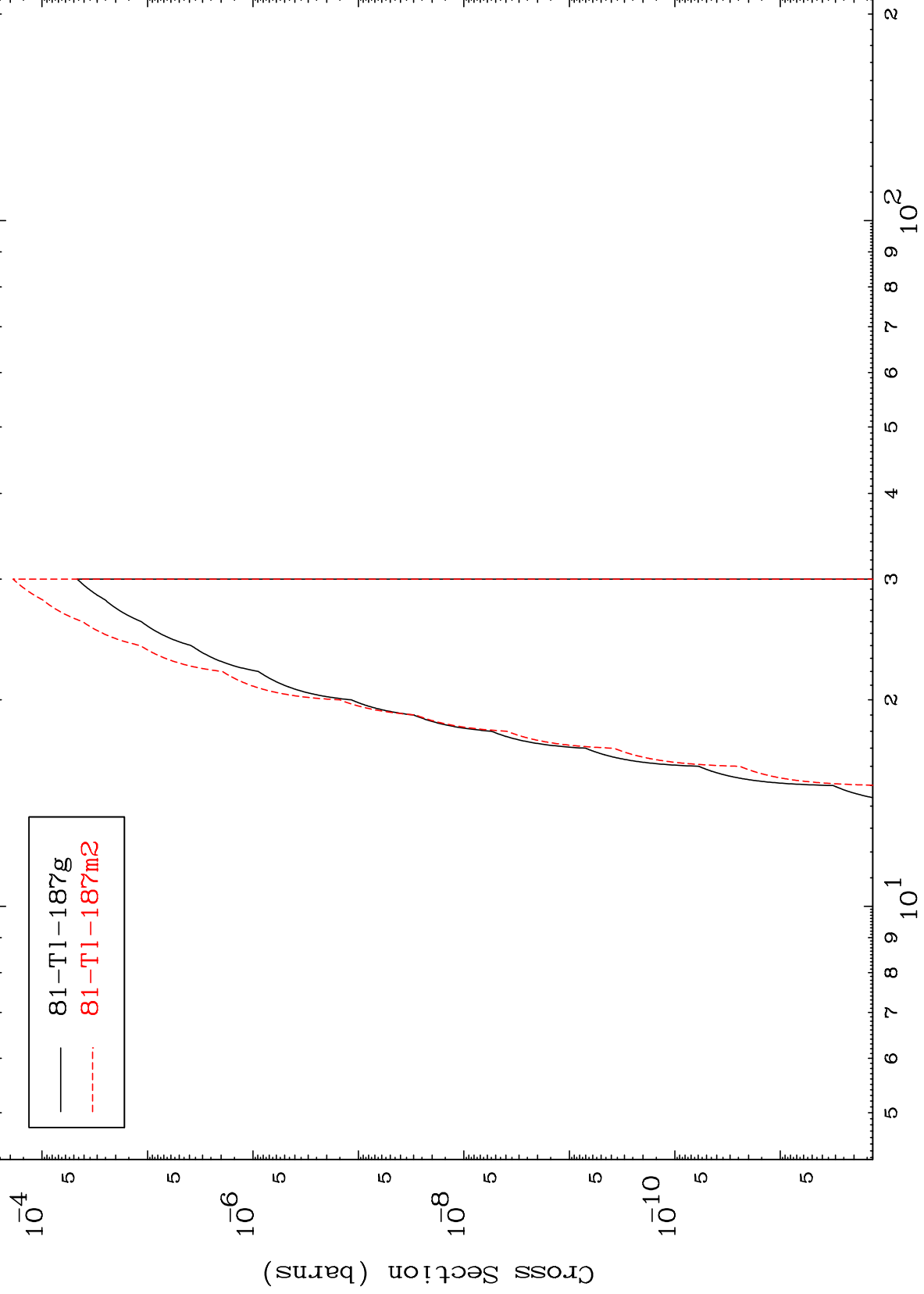
82-Pb-189m

MAT 8181

(n,p) t

82-Pb-189m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

82-Pb-189m

MAT 8181

(n,d) α

82-Pb-189m

