

Program EVALPLOT
(Version 2021-1)

by

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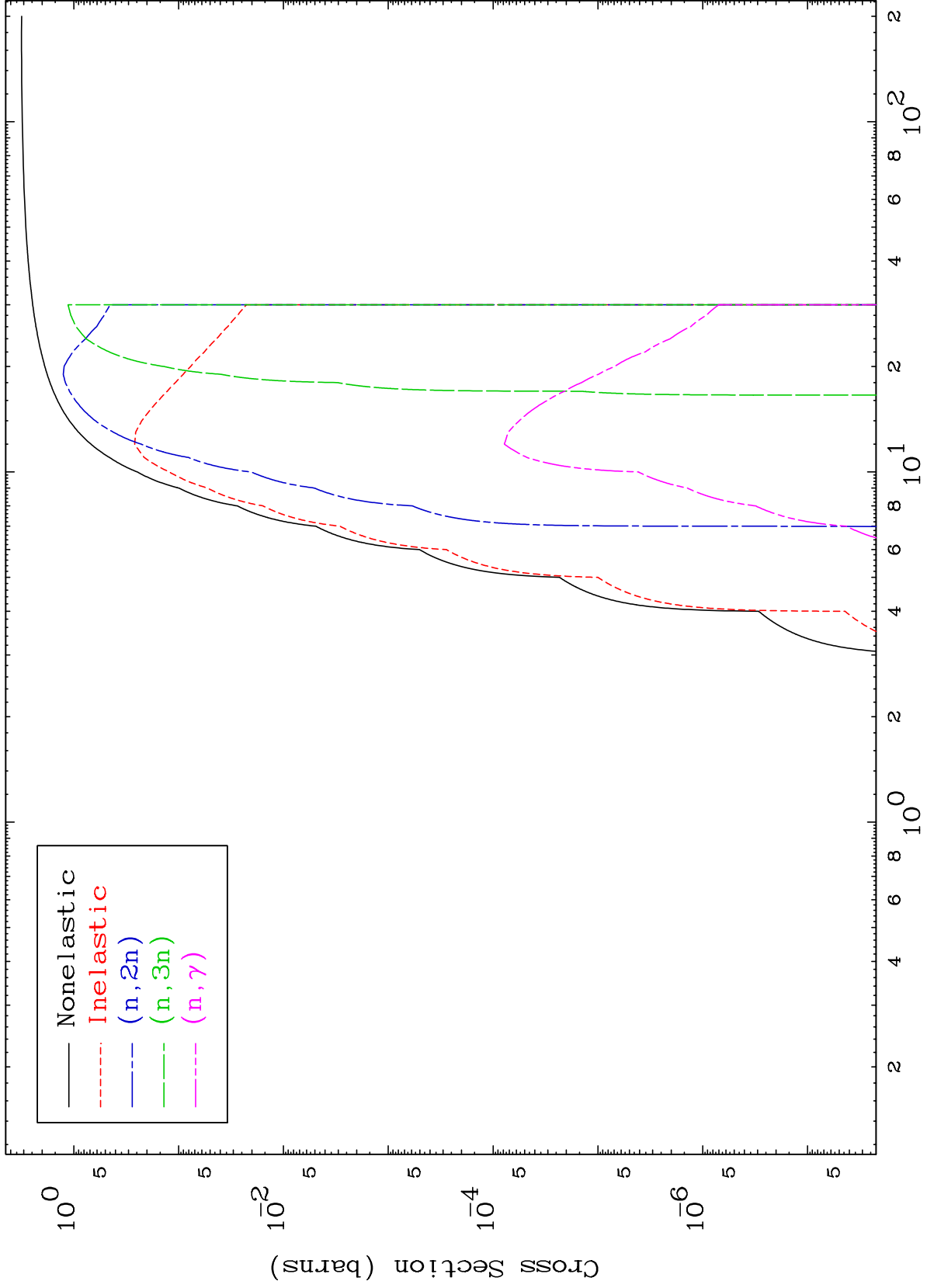
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8211

Deuteron Major
0 Kelvin Cross Sections

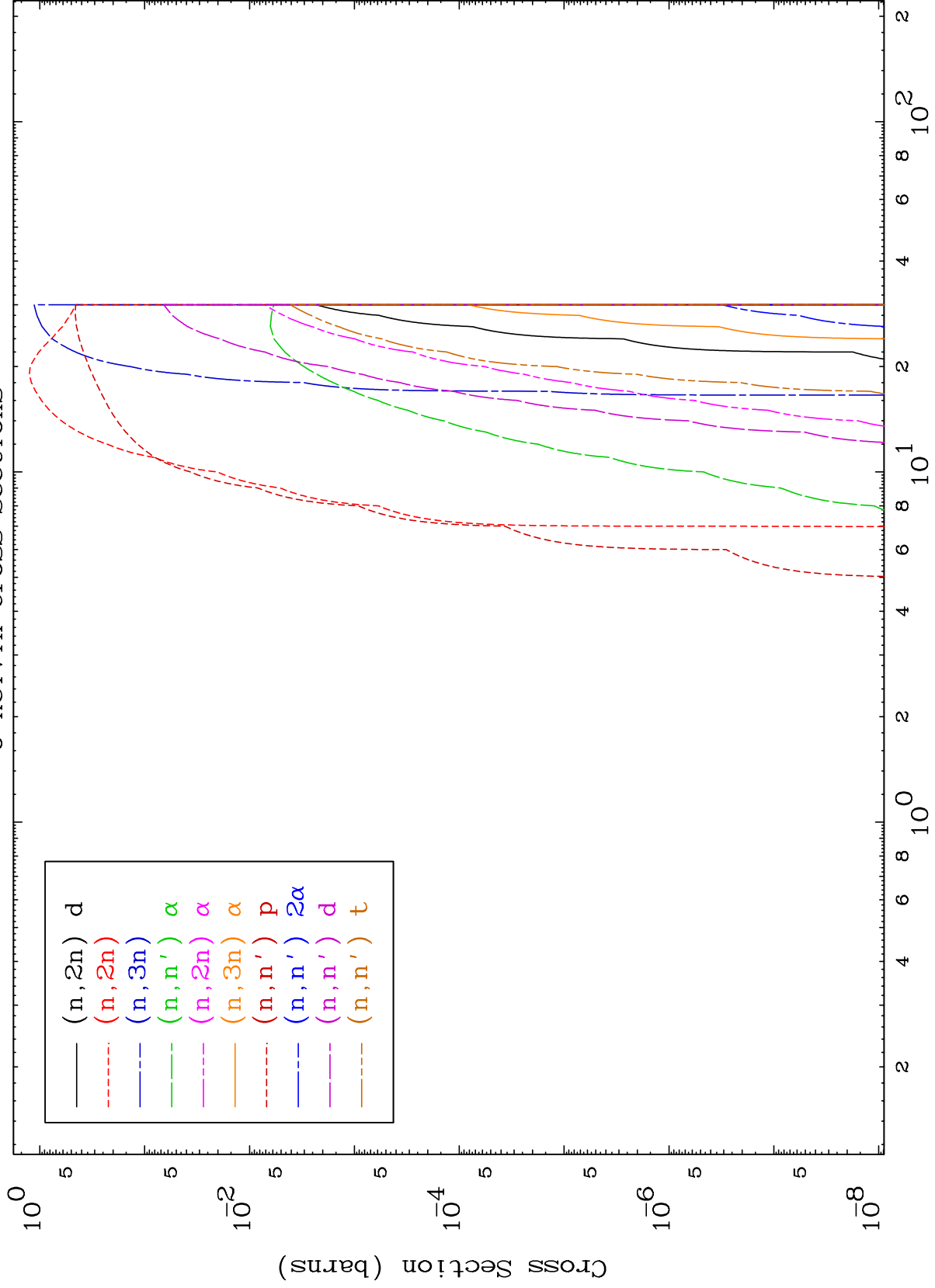
82-Pb-199m

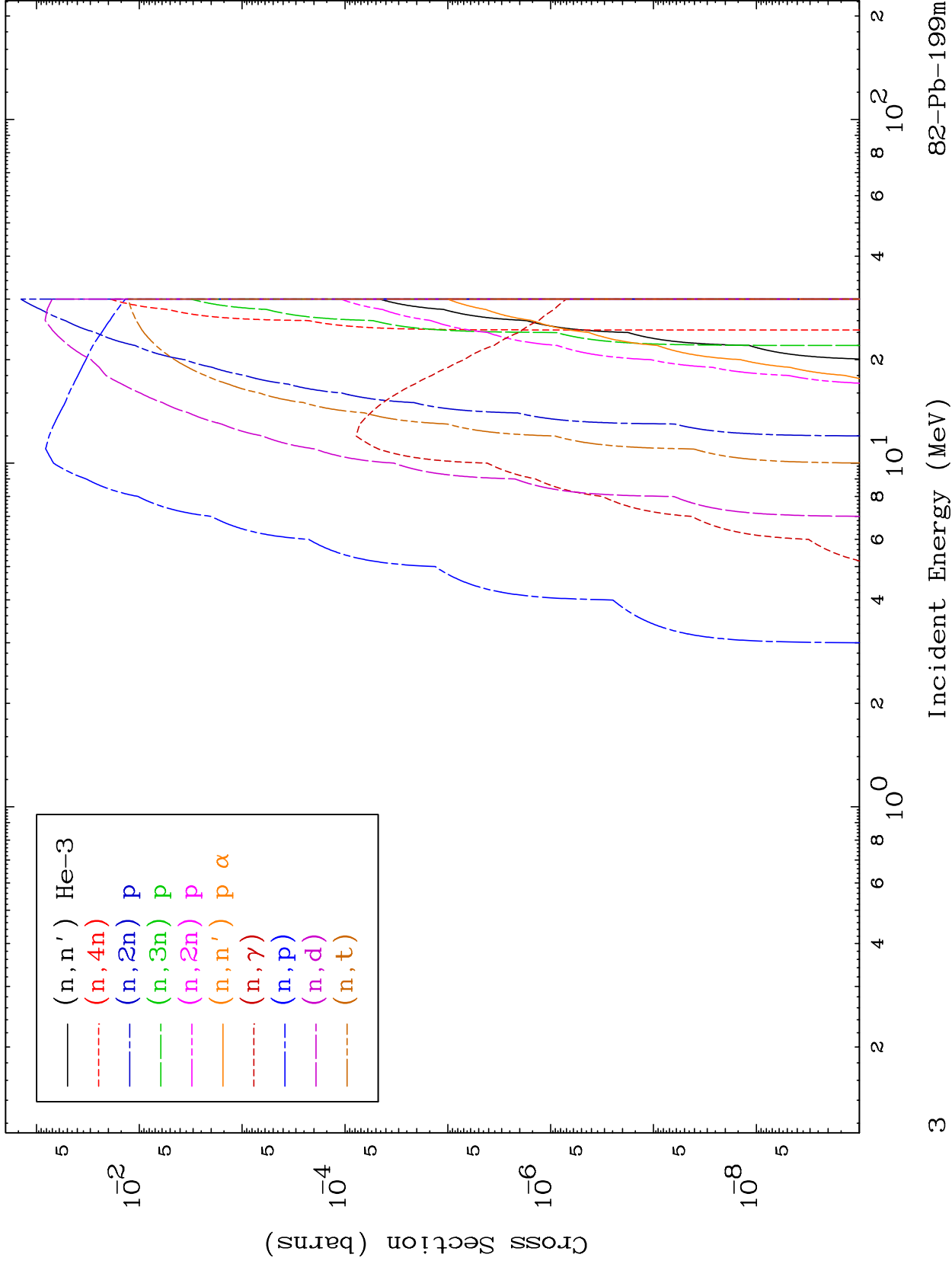


MAT 8211

Deuteron Neutron Absorption
0 Kelvin Cross Sections

82-Pb-199m

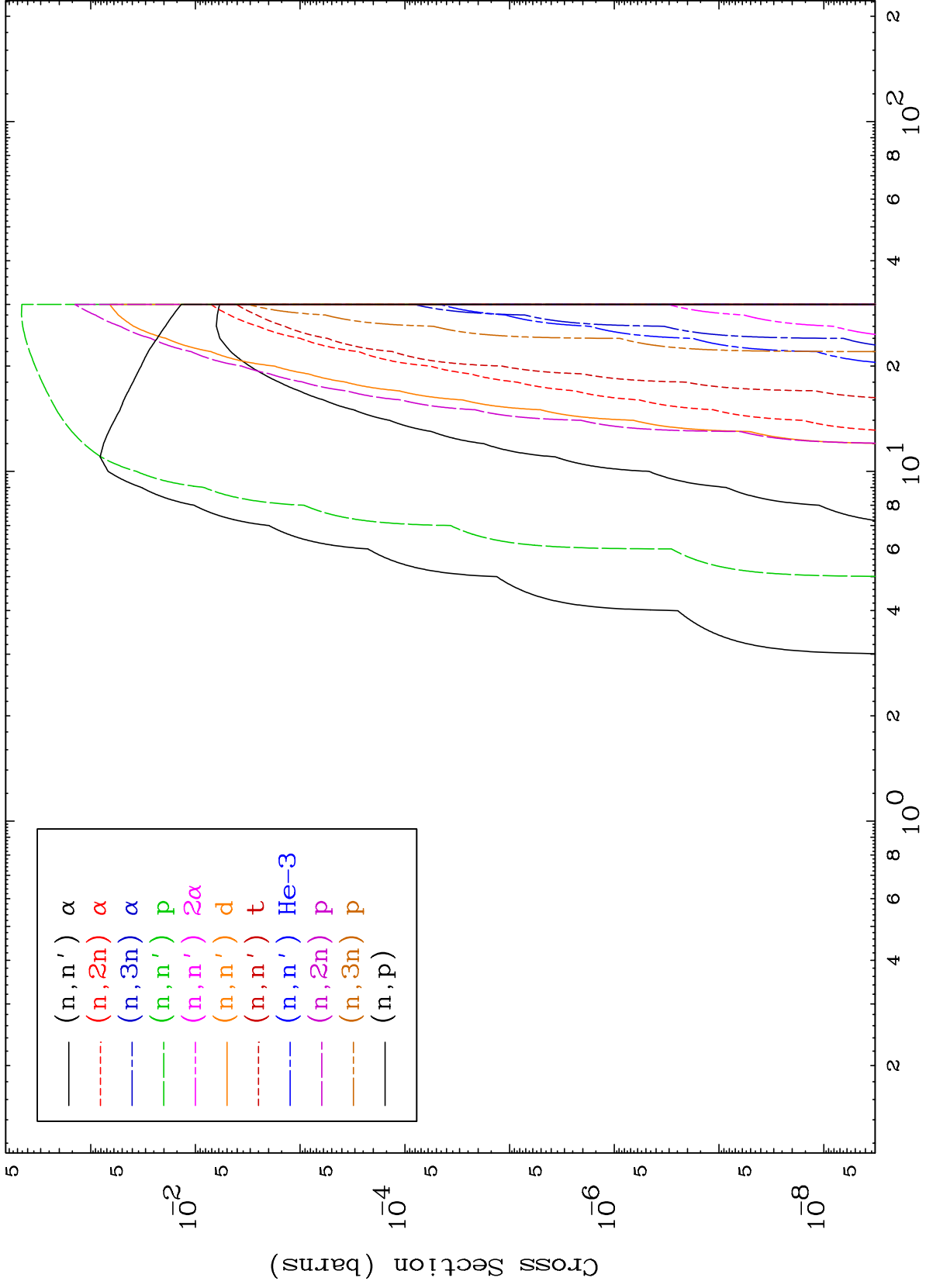




MAT 8211

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-199m



5

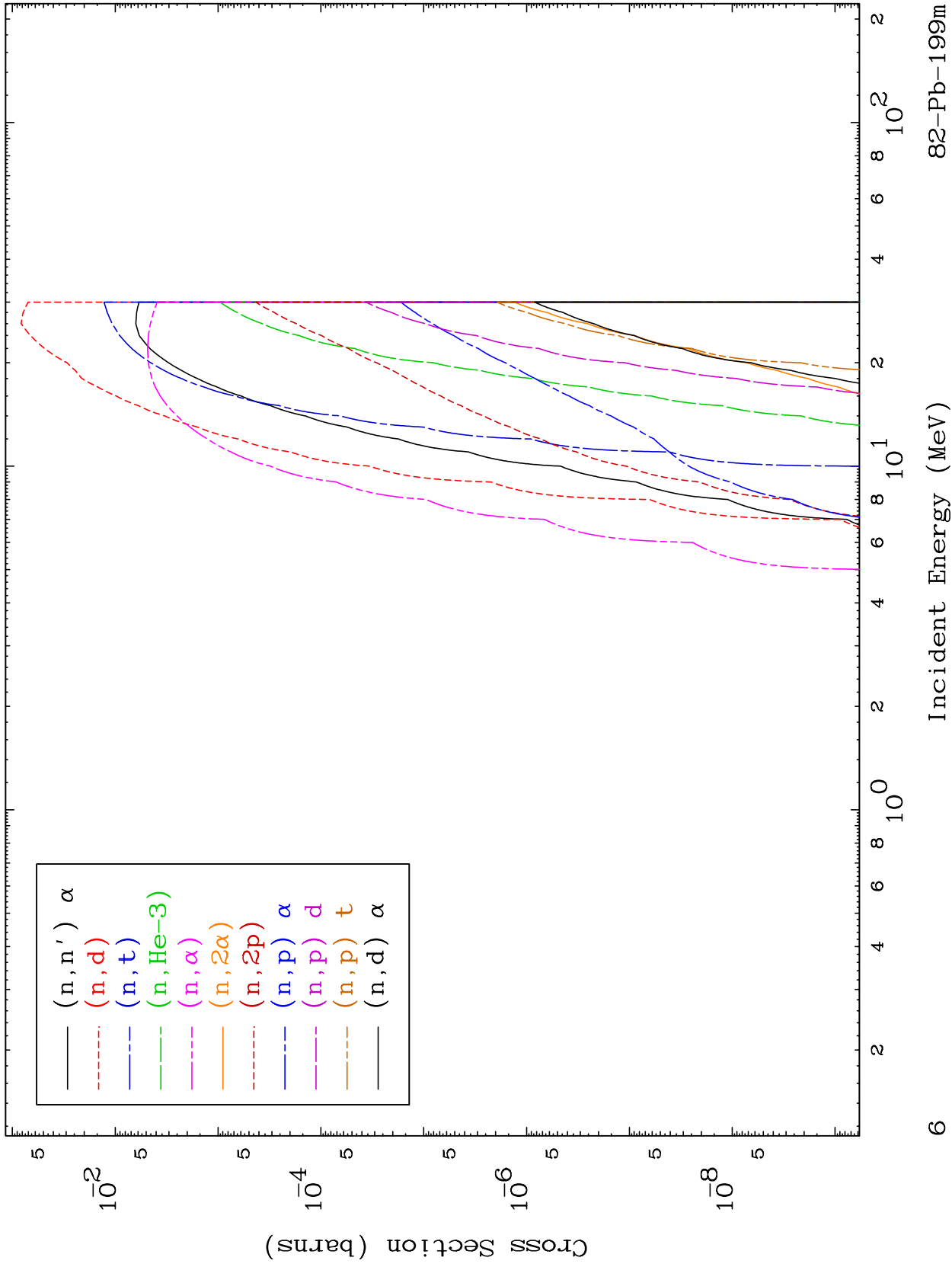
Incident Energy (MeV)

82-Pb-199m

MAT 8211

Deuteron Charged Particle
0 Kelvin Cross Sections

82-Pb-199m

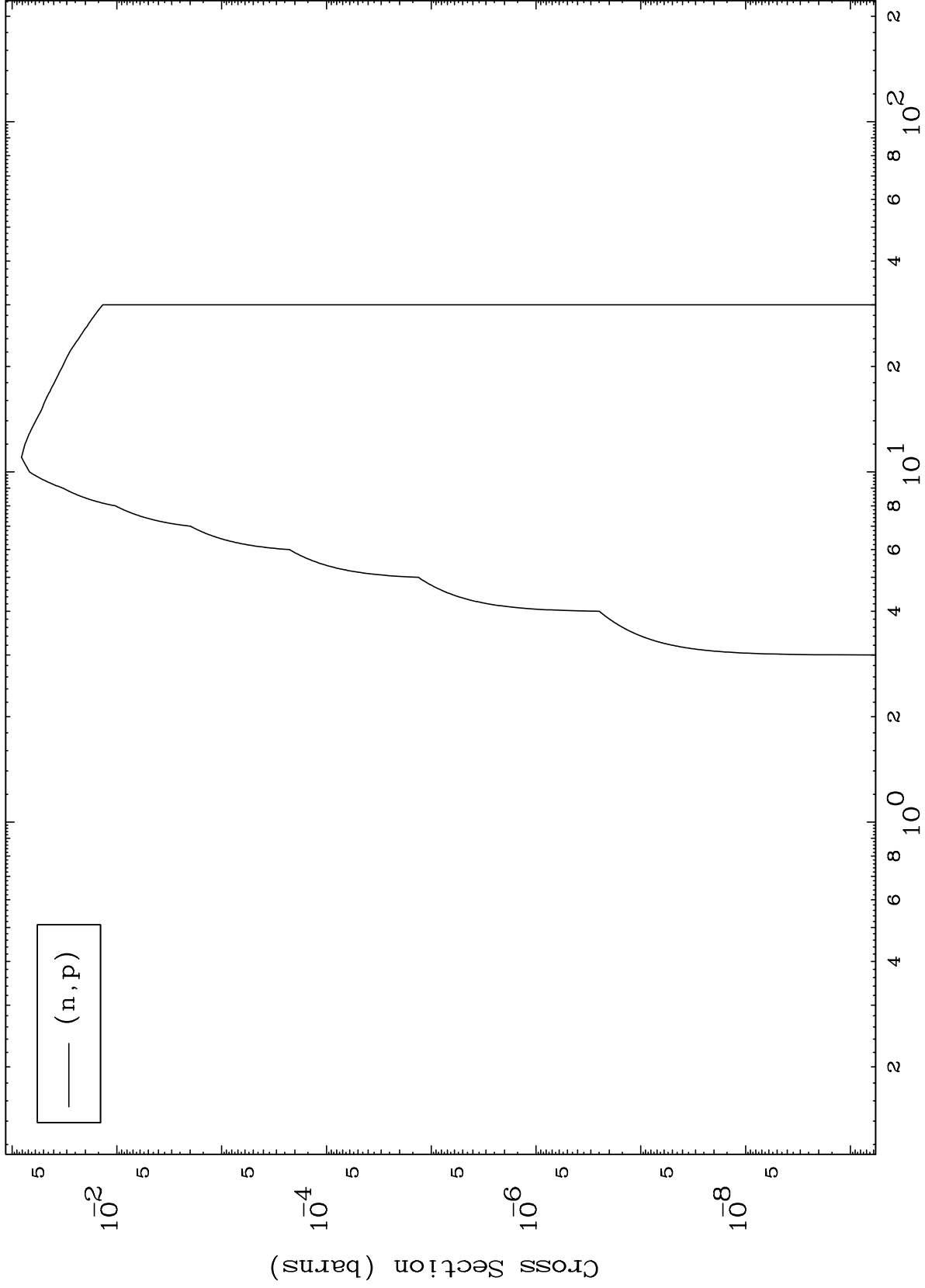


MAT 8211

(d,p) Levels

82-Pb-199m

0 Kelvin Cross Sections

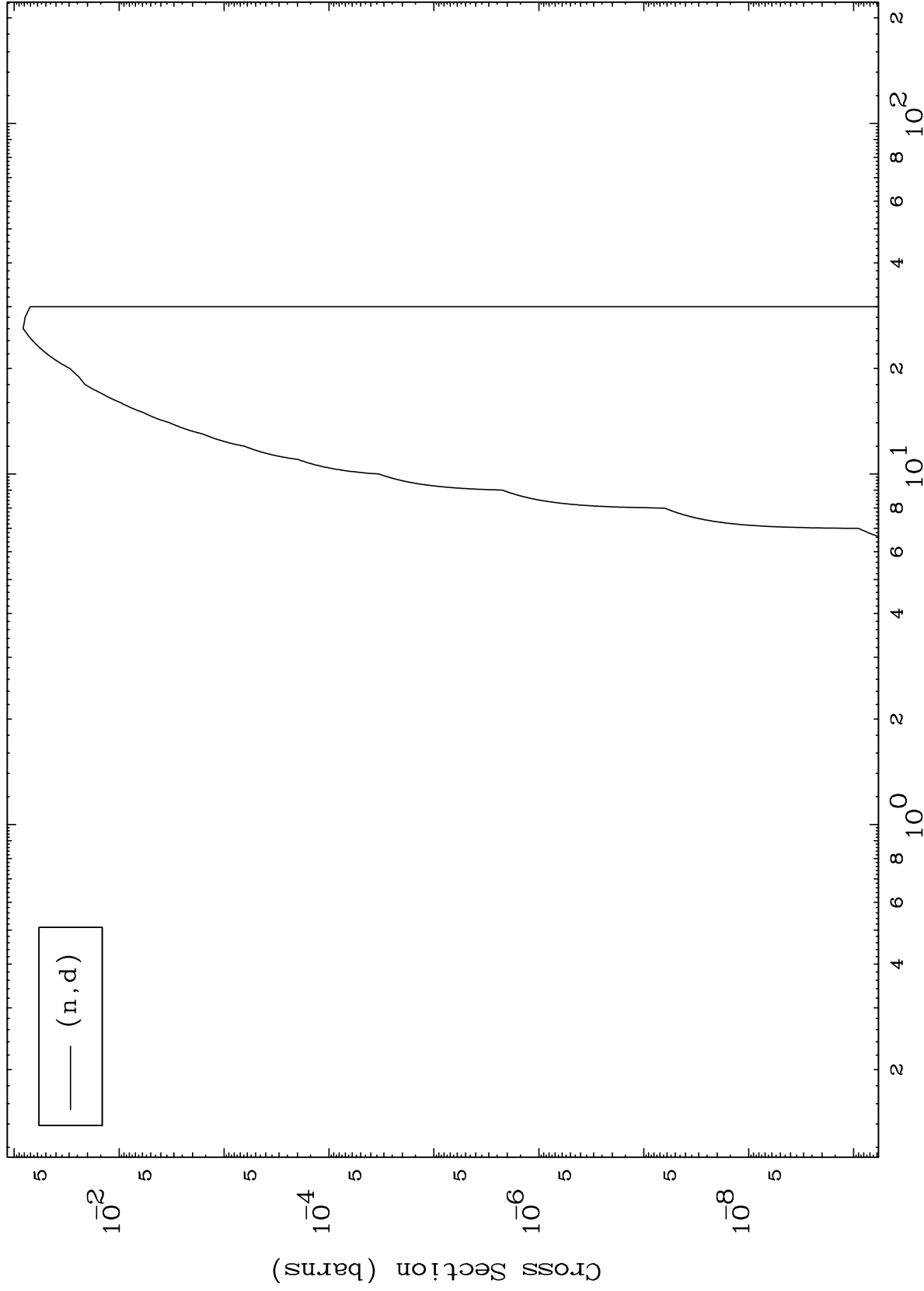


MAT 8211

(d,d) Levels

⁸²Pb-199m

0 Kelvin Cross Sections

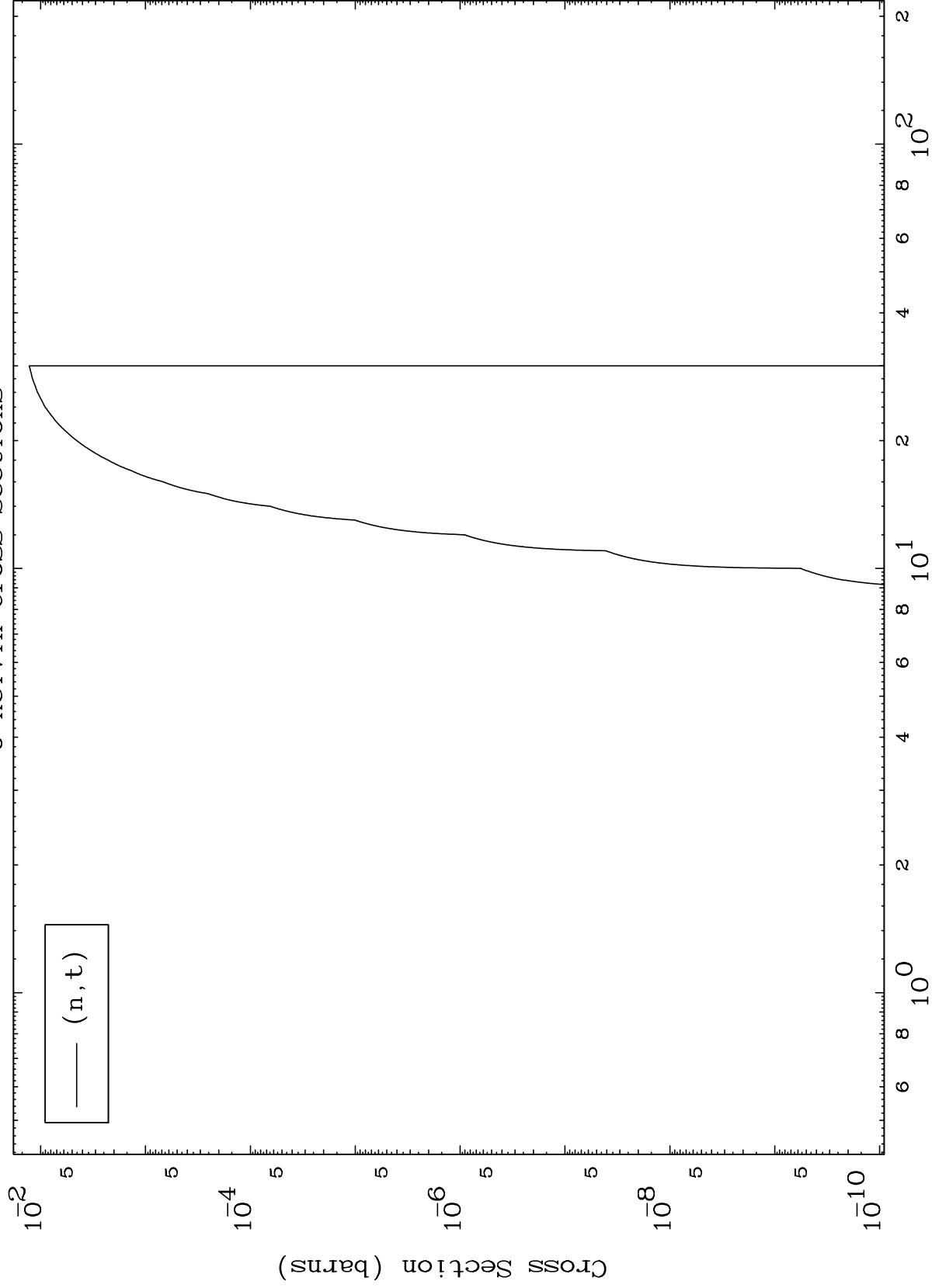


MAT 8211

(d, t) Levels

82-Pb-199m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

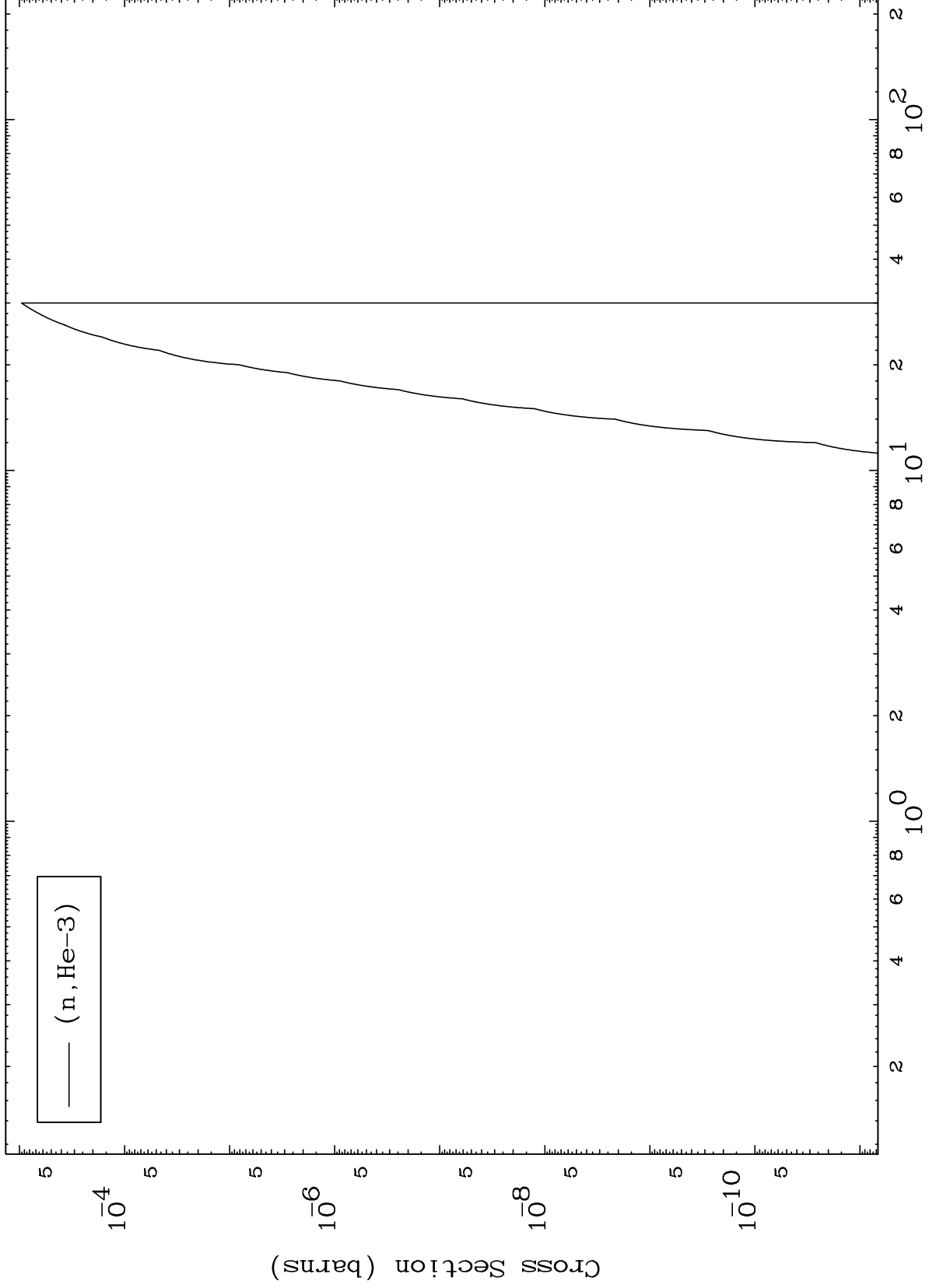
82-Pb-199m

MAT 8211

(d,He3) Levels

82-Pb-199m

0 Kelvin Cross Sections



10

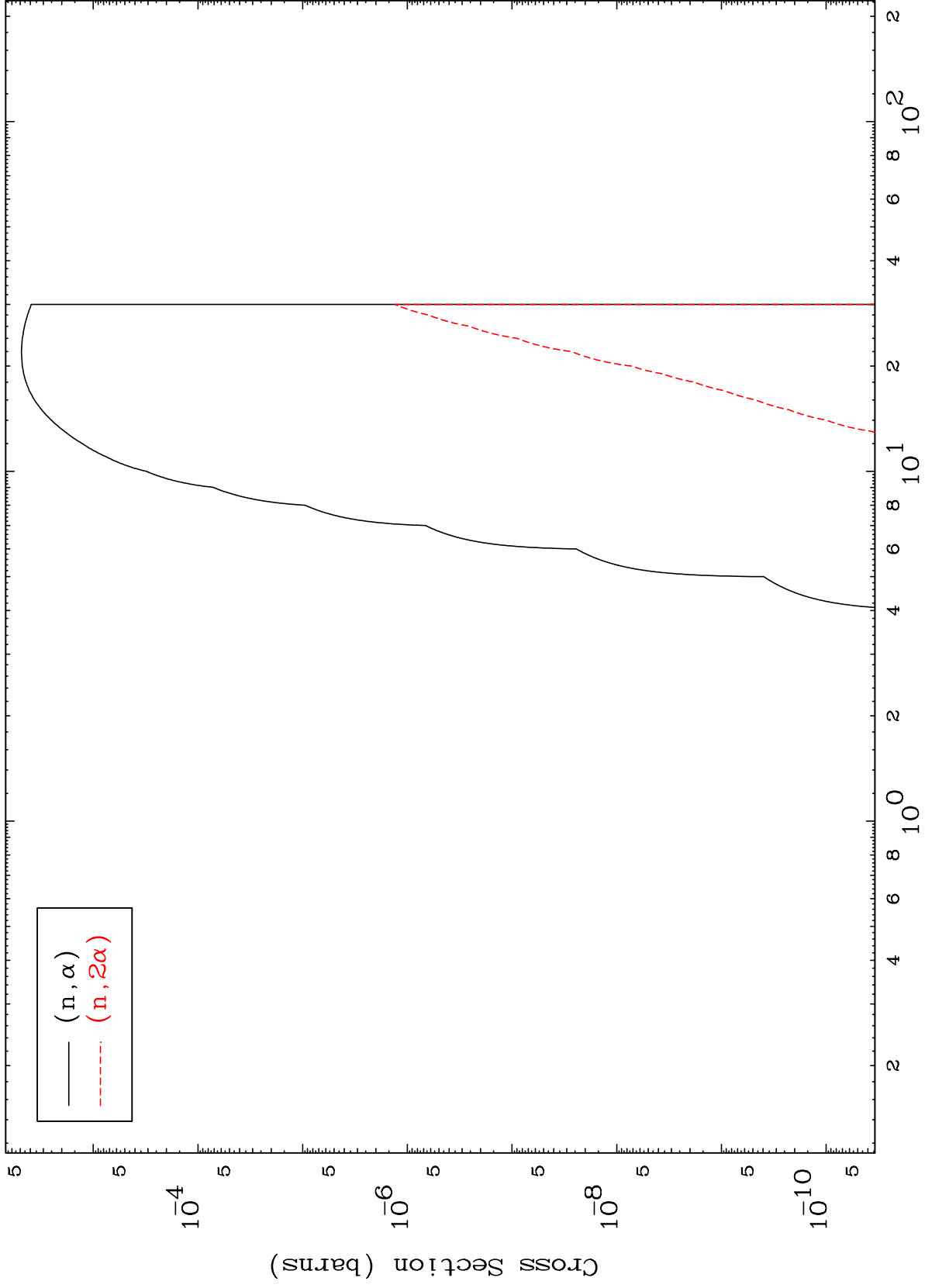
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(d, α) Levels
0 Kelvin Cross Sections

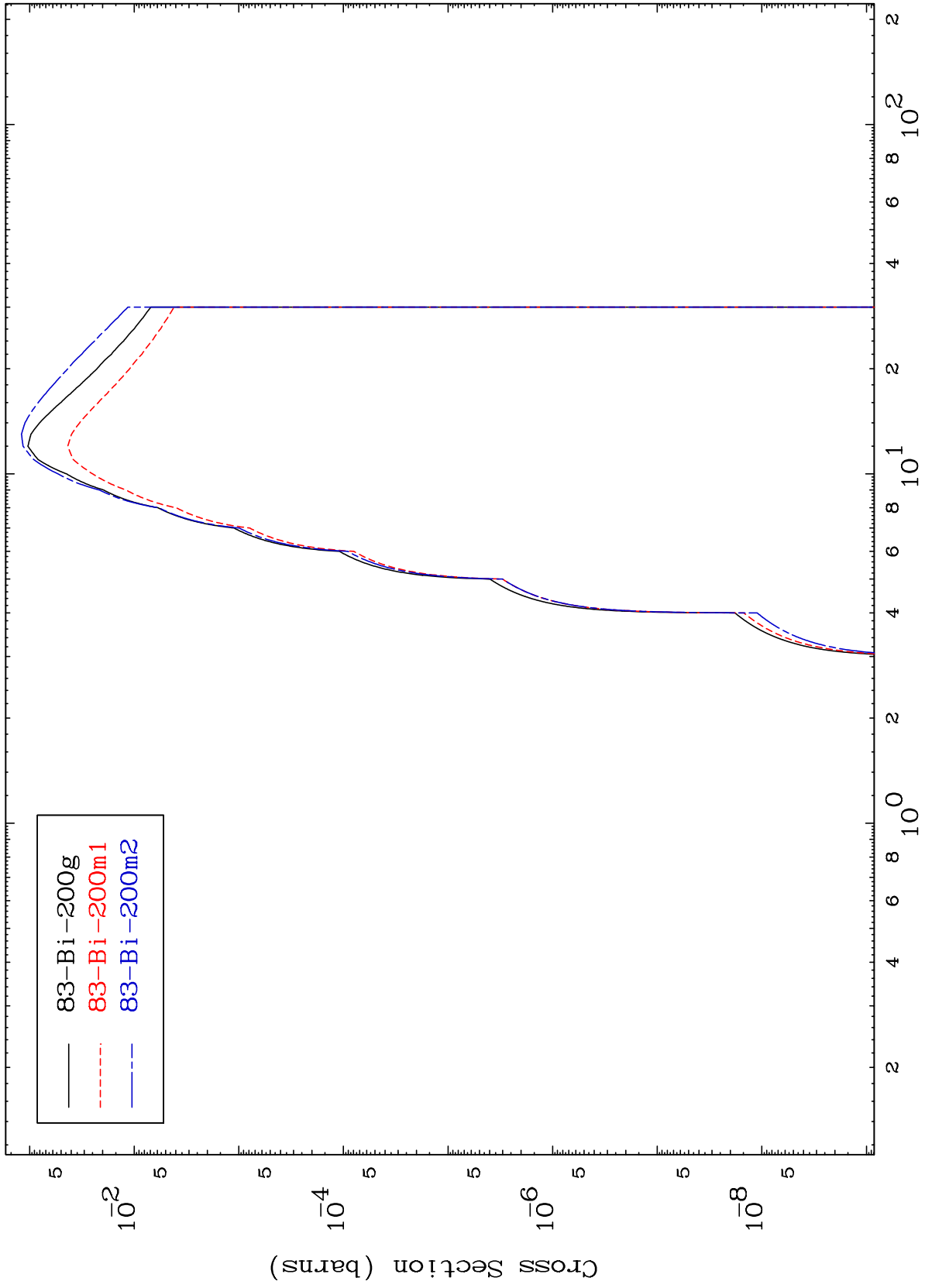
82-Pb-199m



MAT 8211

82-Pb-199m

Radionuclide Production Cross Section

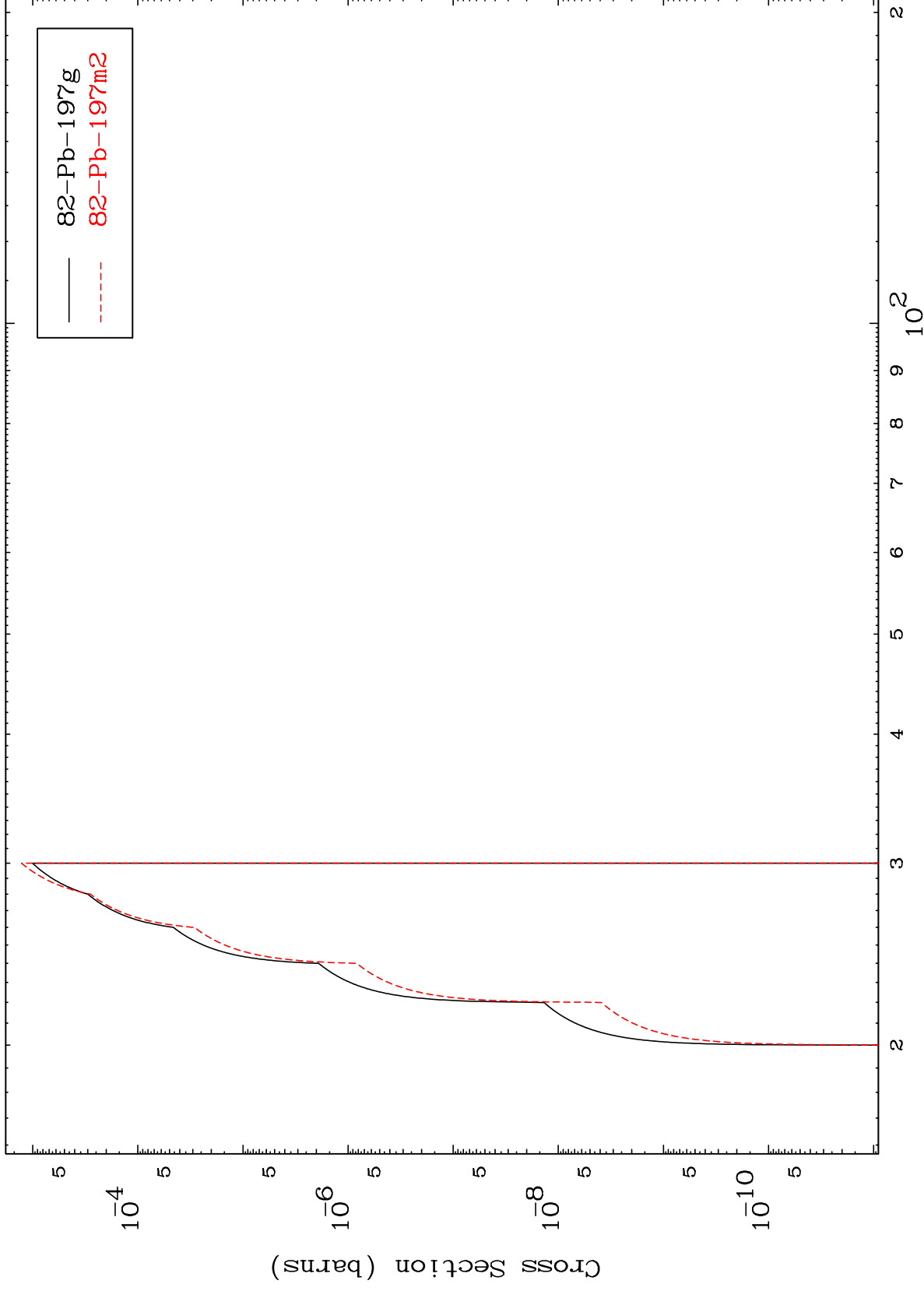


MAT 8211

(n,2n) d

82-Pb-199m

Radionuclide Production Cross Section



13

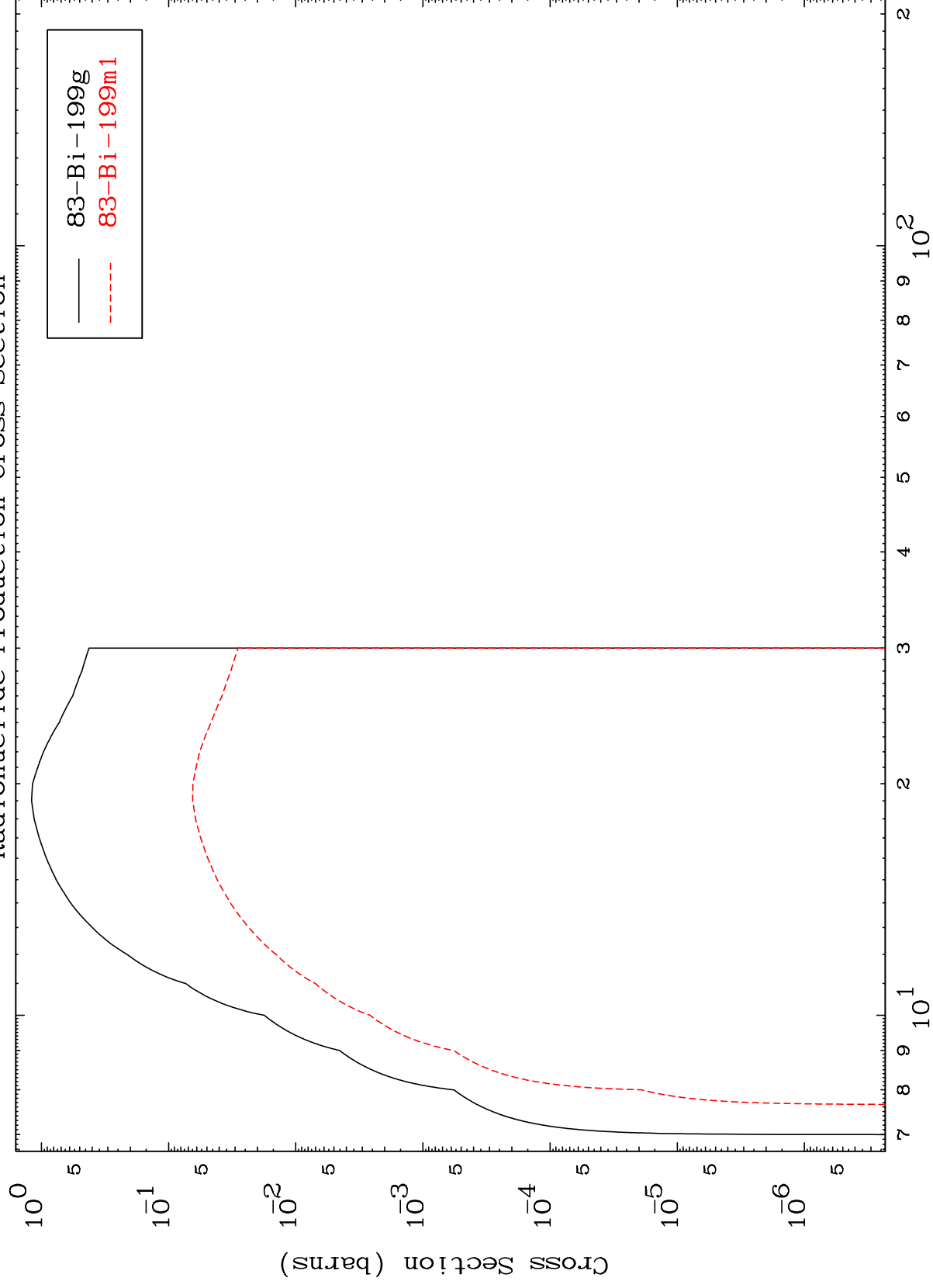
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

(n,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

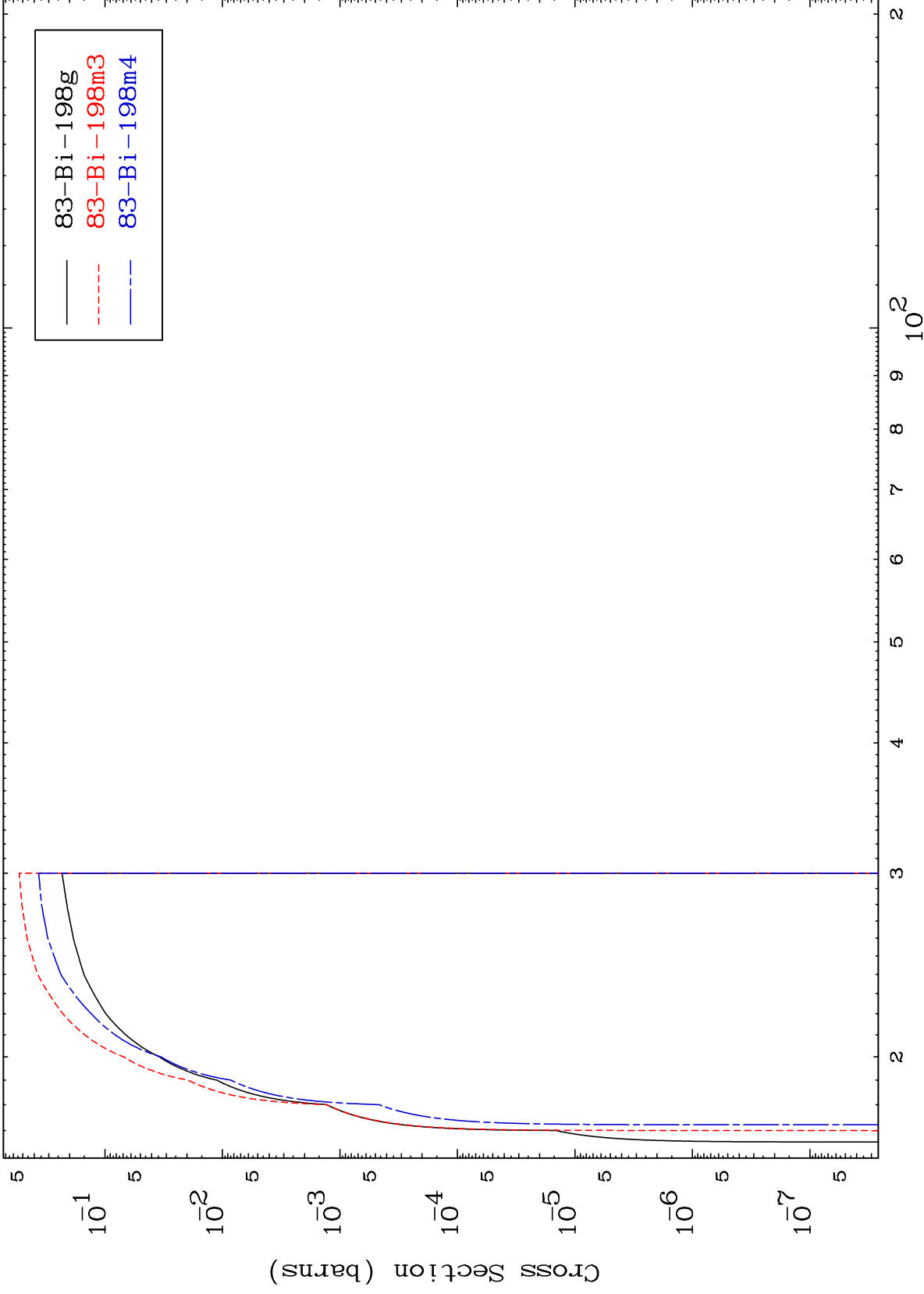
82-Pb-199m

MAT 8211

(n,3n)

82-Pb-199m

Radionuclide Production Cross Section



15

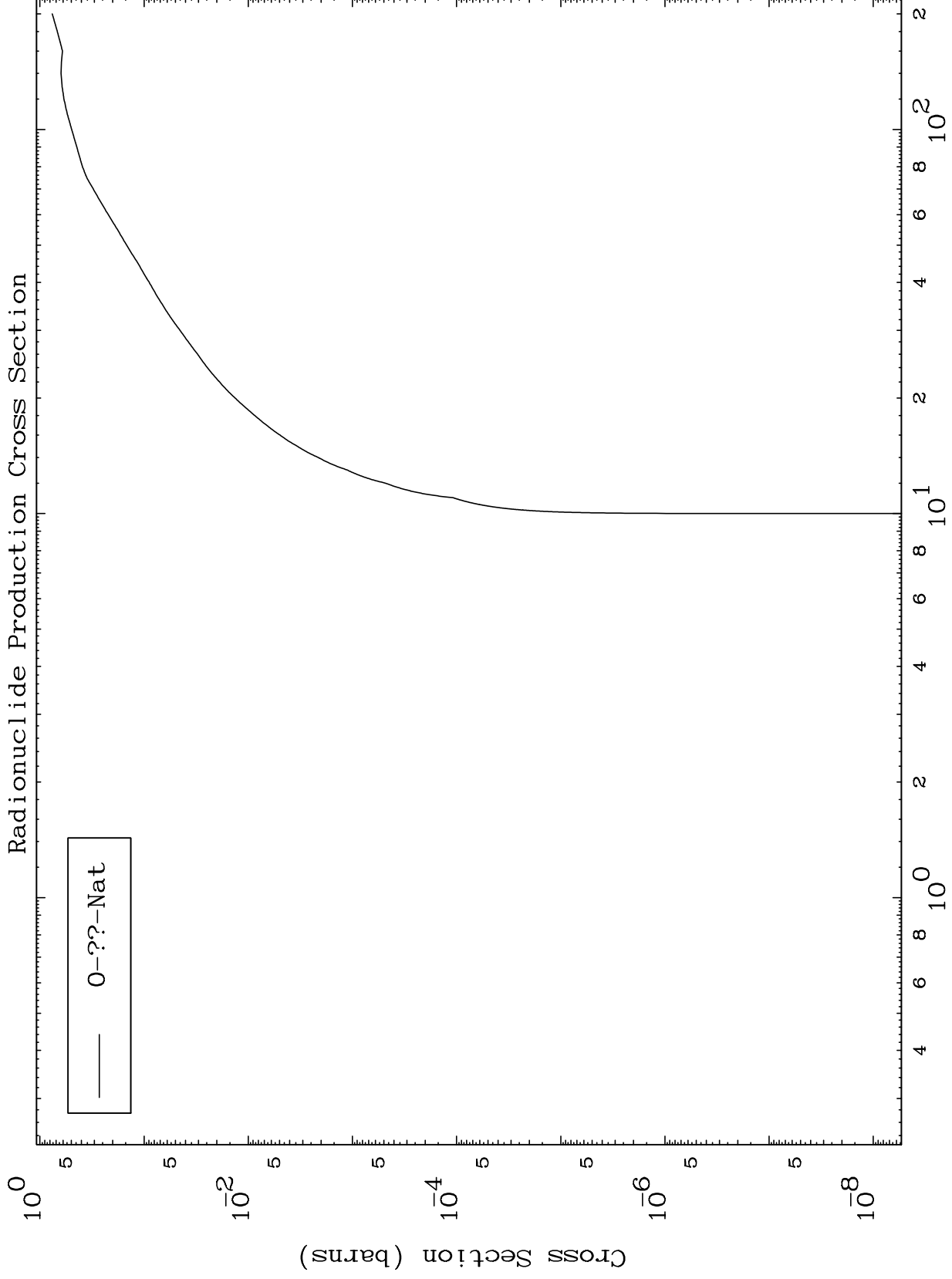
Incident Energy (MeV)

82-Pb-199m

MAT 8211

Fission

⁸²Pb-199m

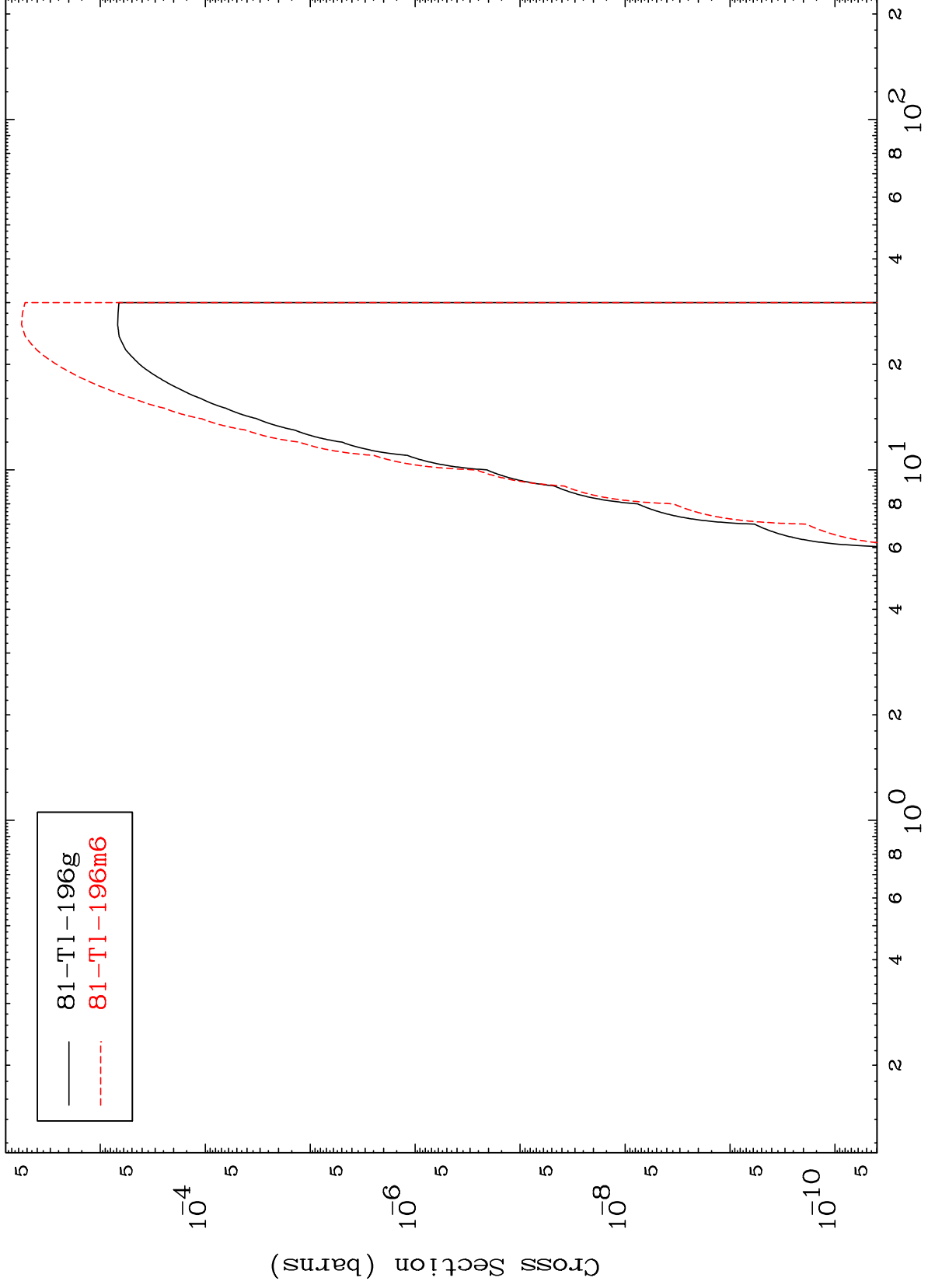


MAT 8211

$(n, n') \alpha$

82-Pb-199m

Radionuclide Production Cross Section

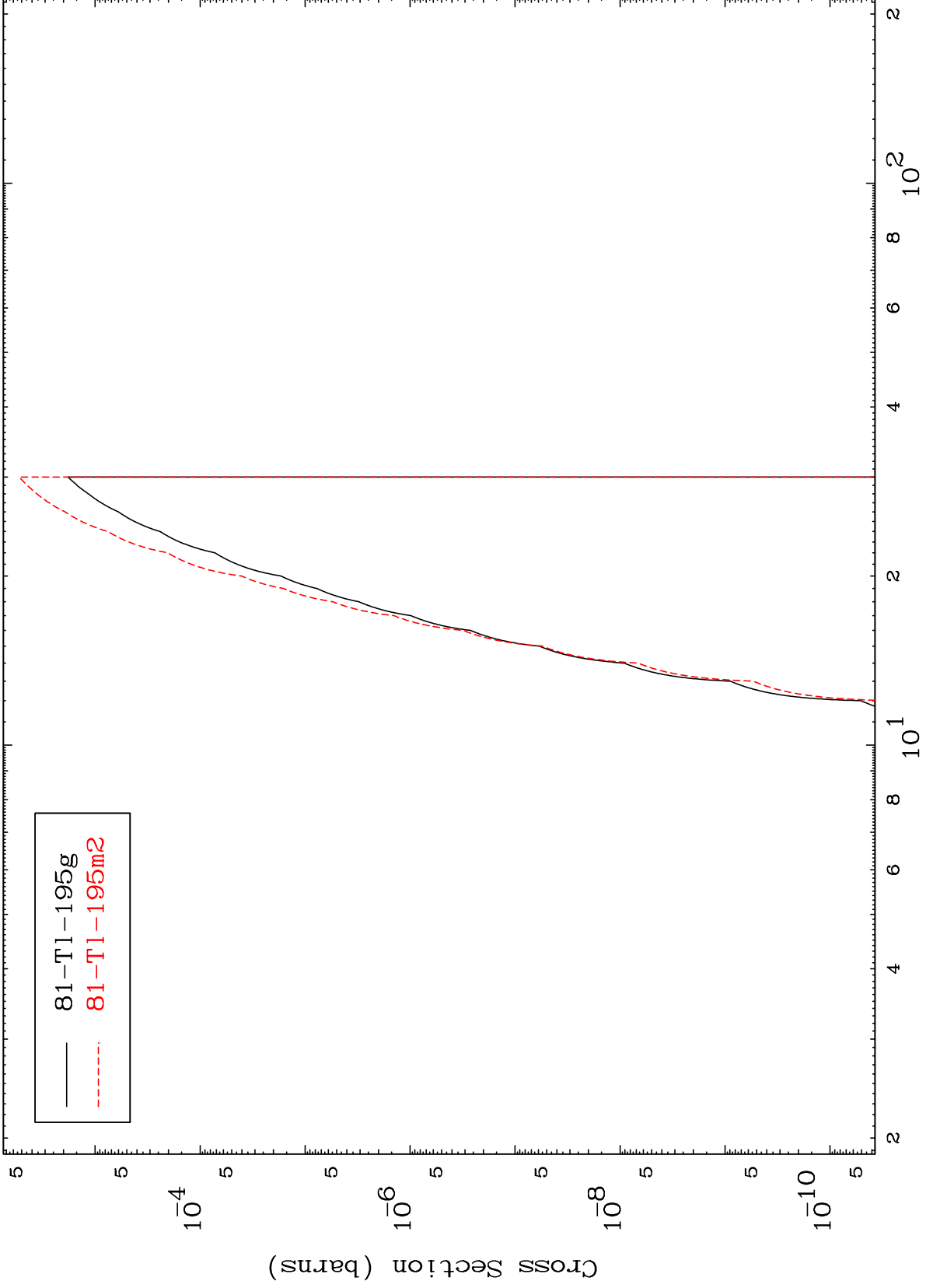


MAT 8211

(n,2n) α

82-Pb-199m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

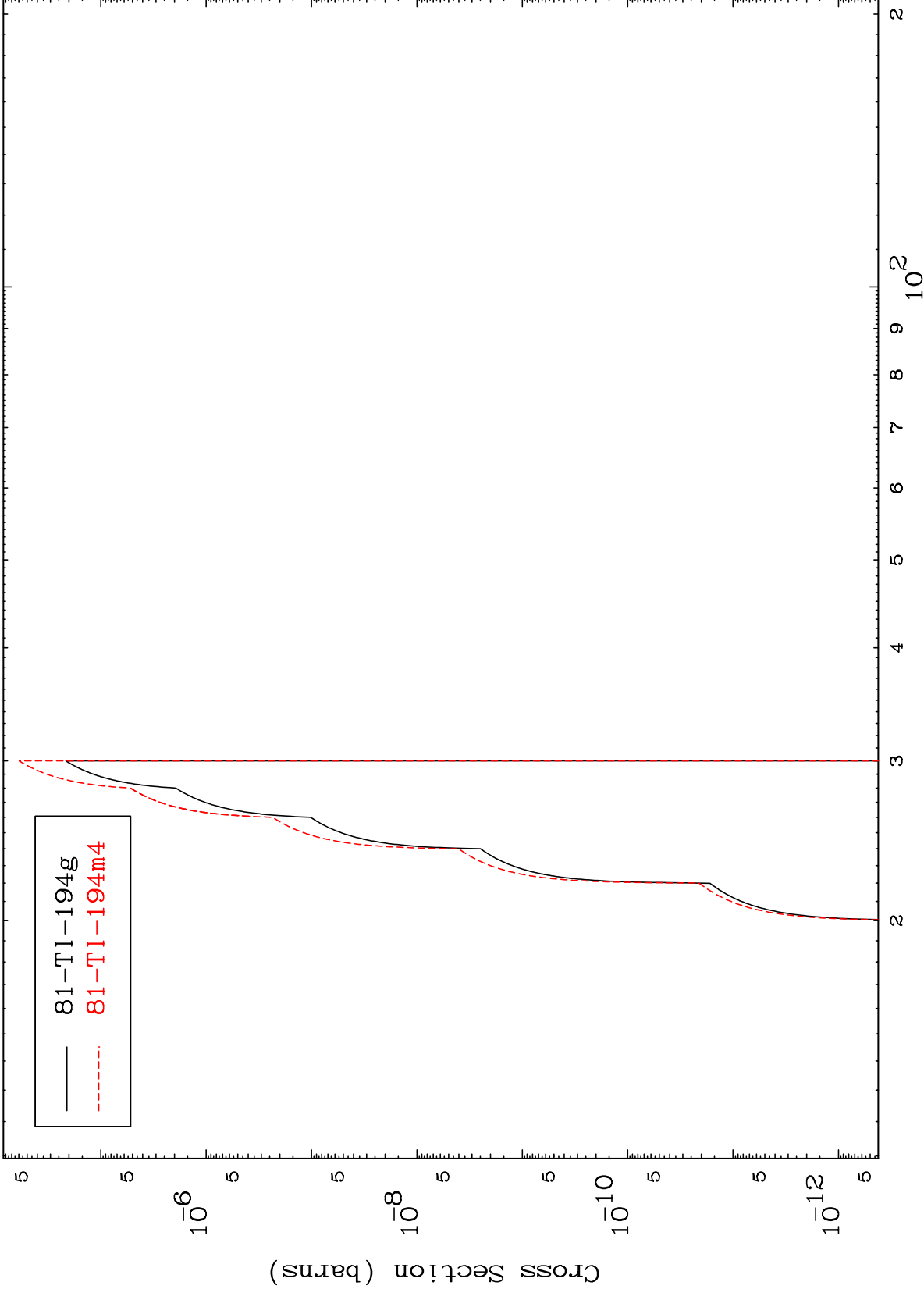
82-Pb-199m

MAT 8211

(n,3n) α

82-Pb-199m

Radionuclide Production Cross Section

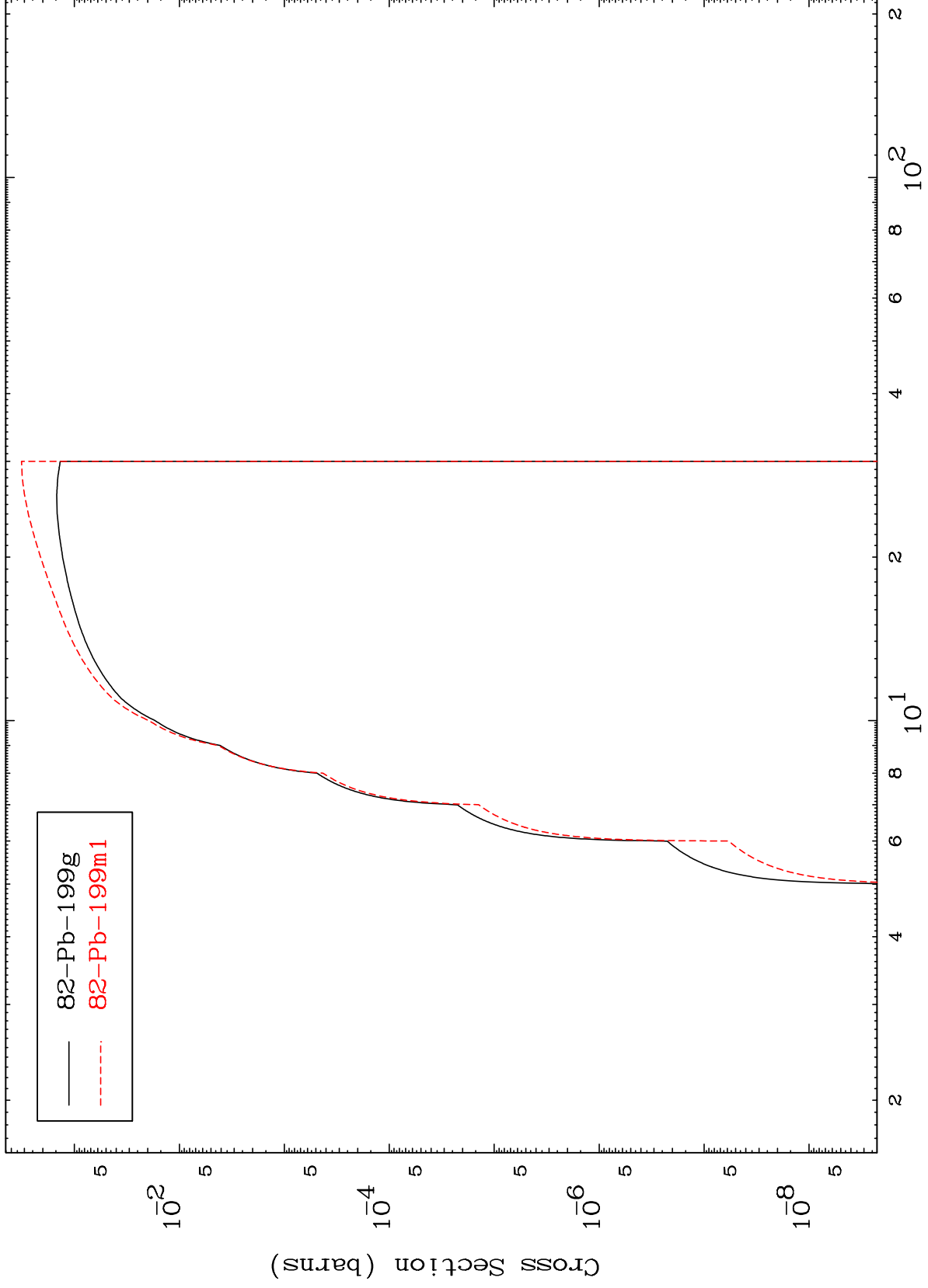


MAT 8211

(n,n') p

82-Pb-199m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

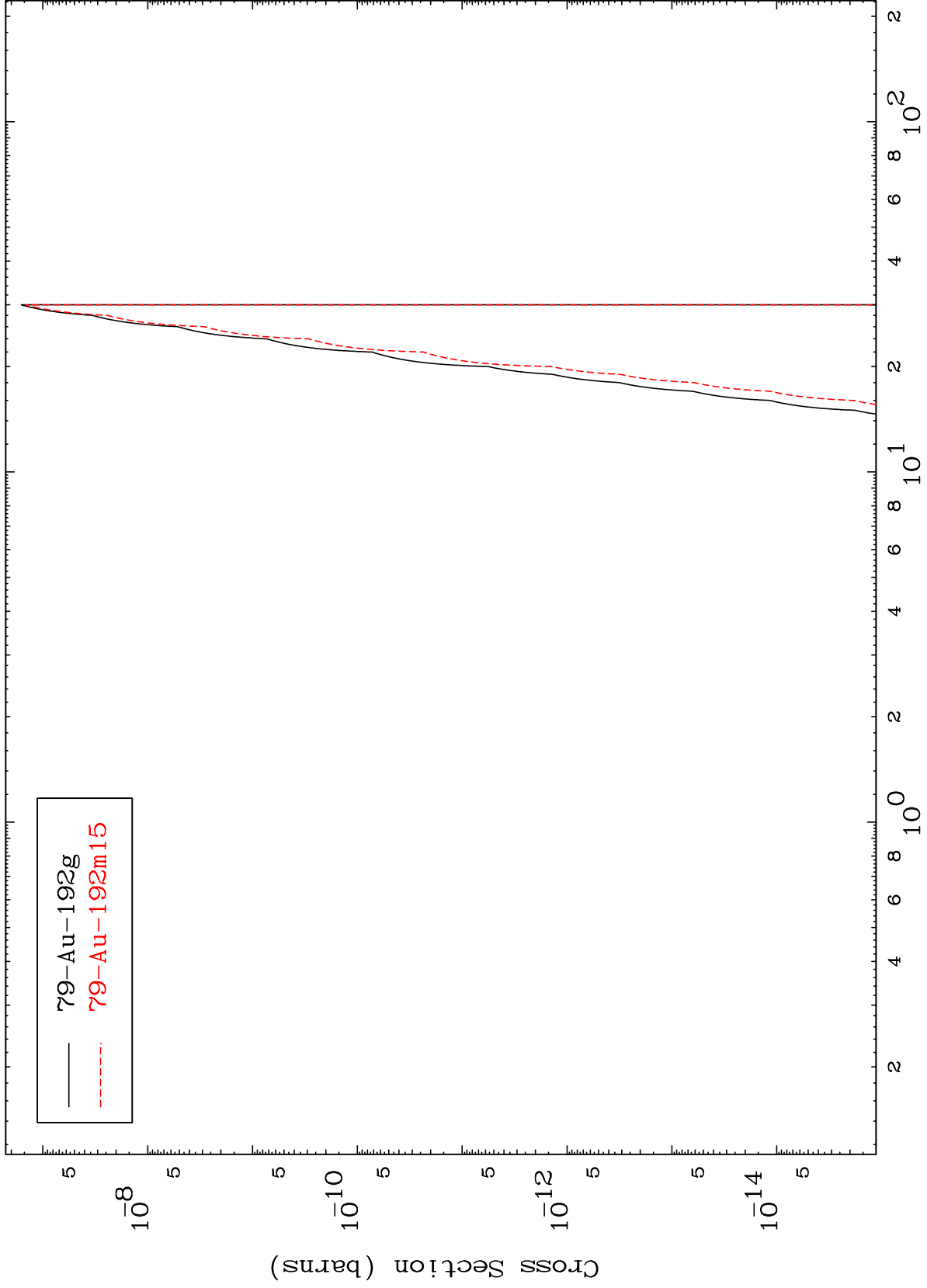
82-Pb-199m

MAT 8211

(n,n') 2 α

82-Pb-199m

Radionuclide Production Cross Section

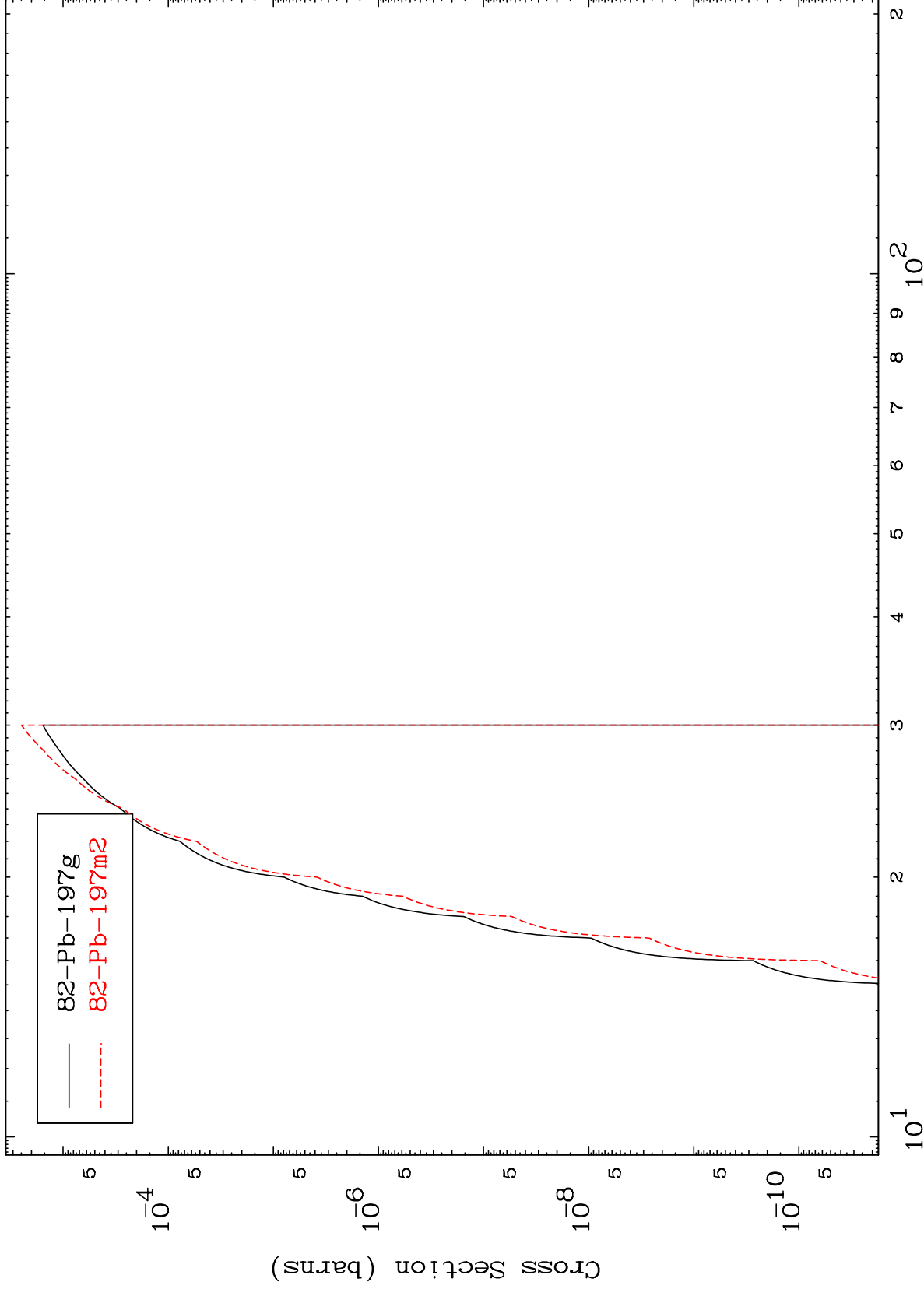


MAT 8211

(n,n') t

82-Pb-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-199m

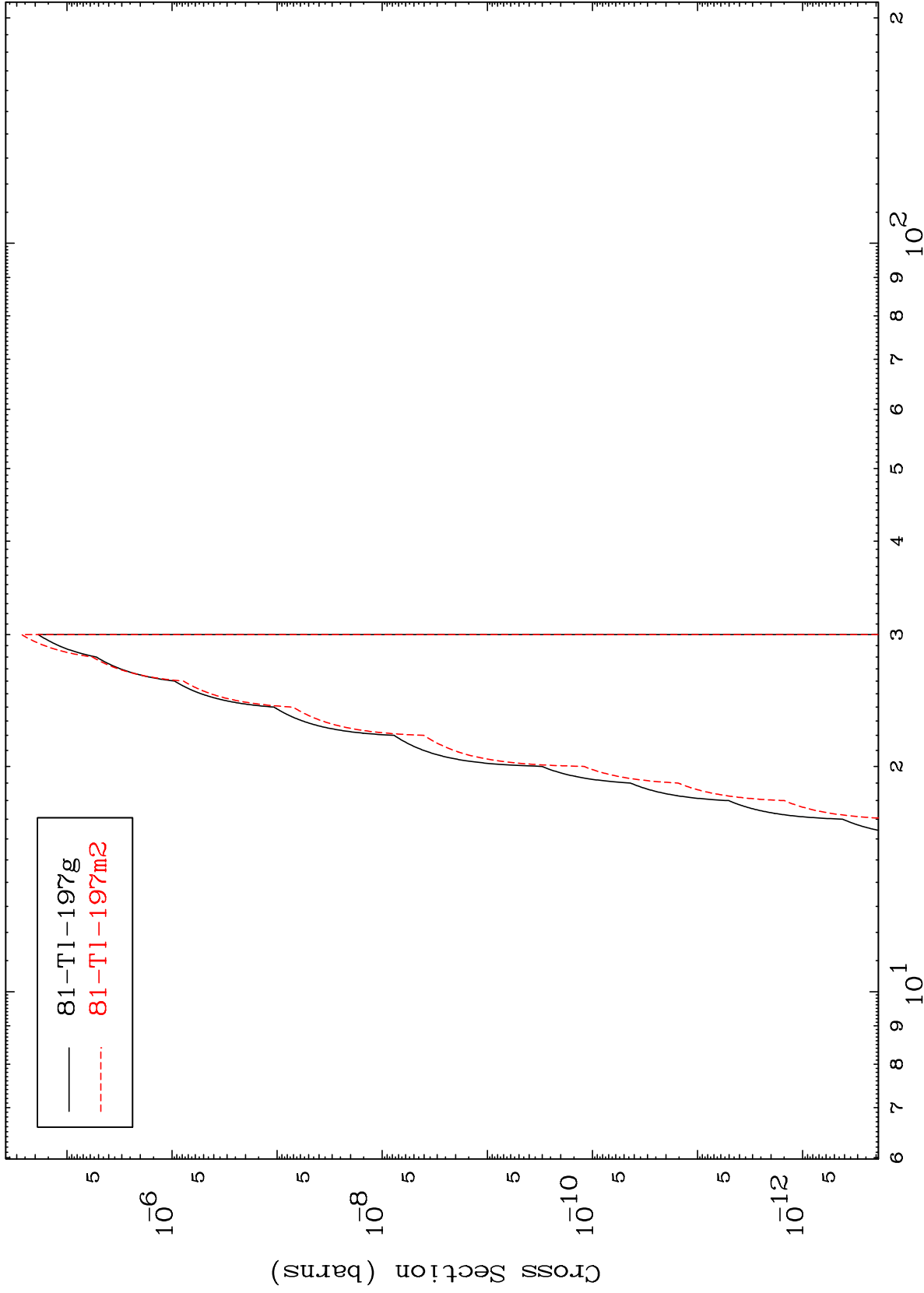
22

MAT 8211

(n,n') He-3

82-Pb-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

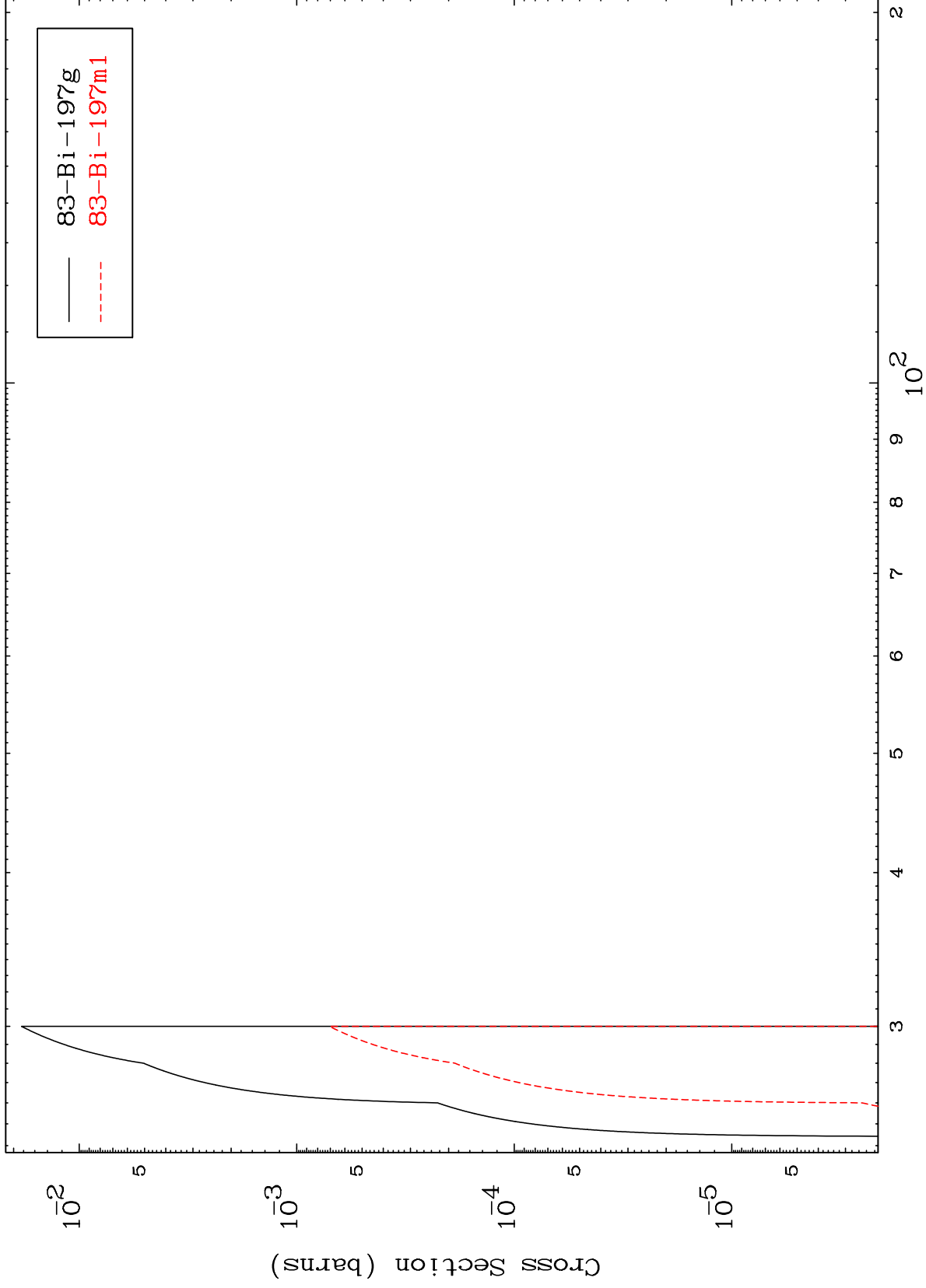
82-Pb-199m

23

MAT 8211

82-Pb-199m

(n,4n)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

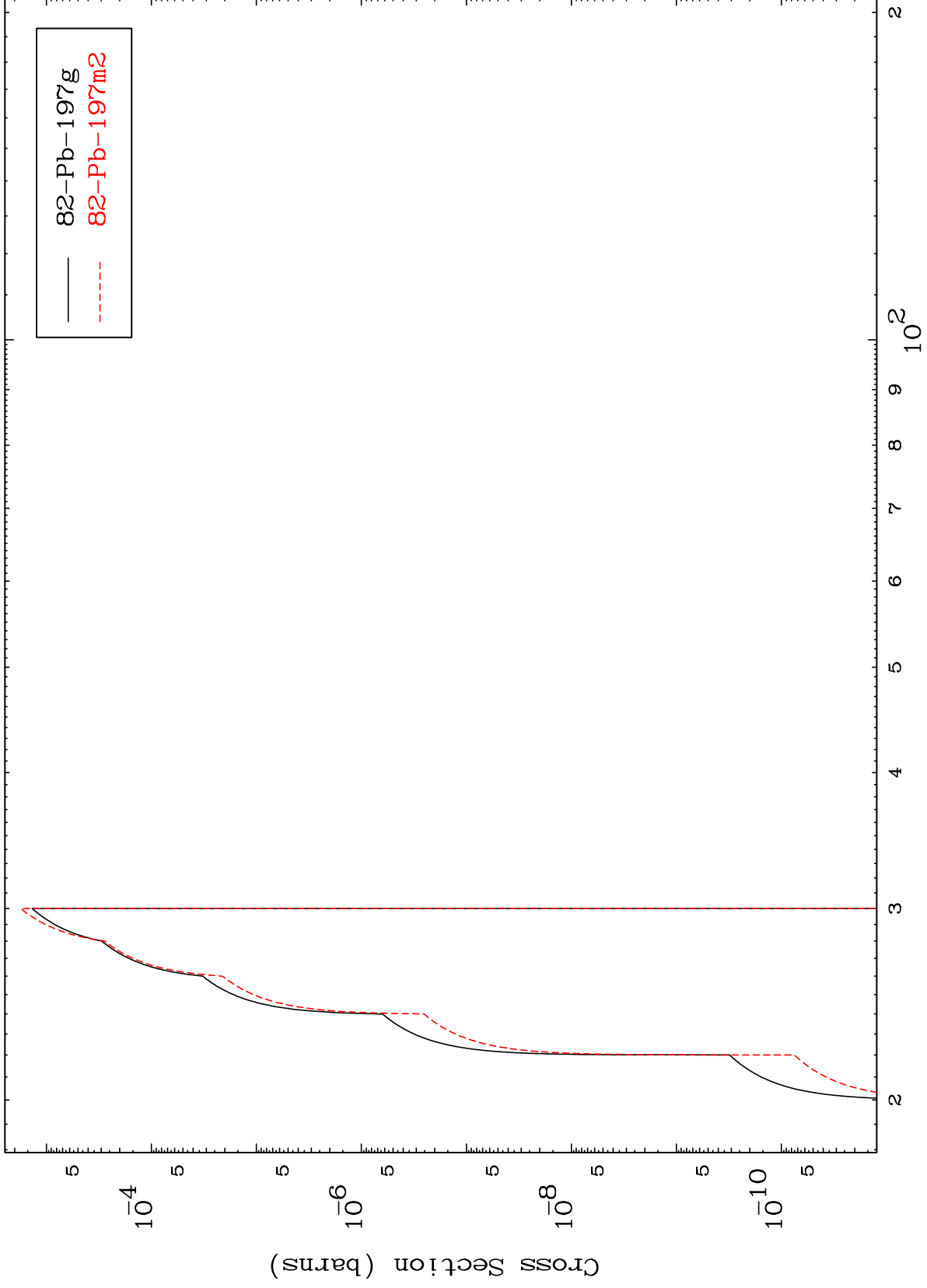
82-Pb-199m

MAT 8211

(n,3n) p

82-Pb-199m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

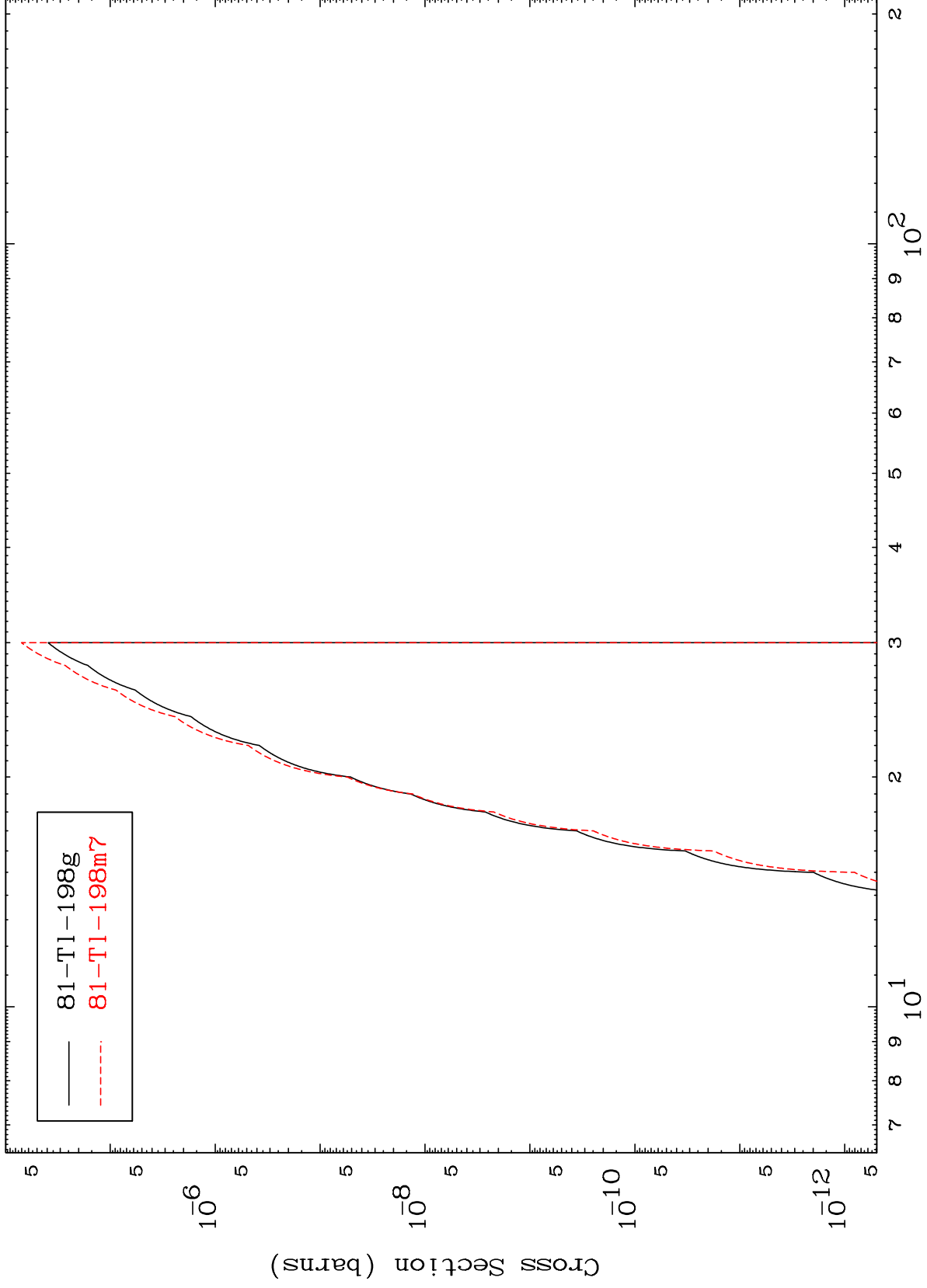
82-Pb-199m

MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

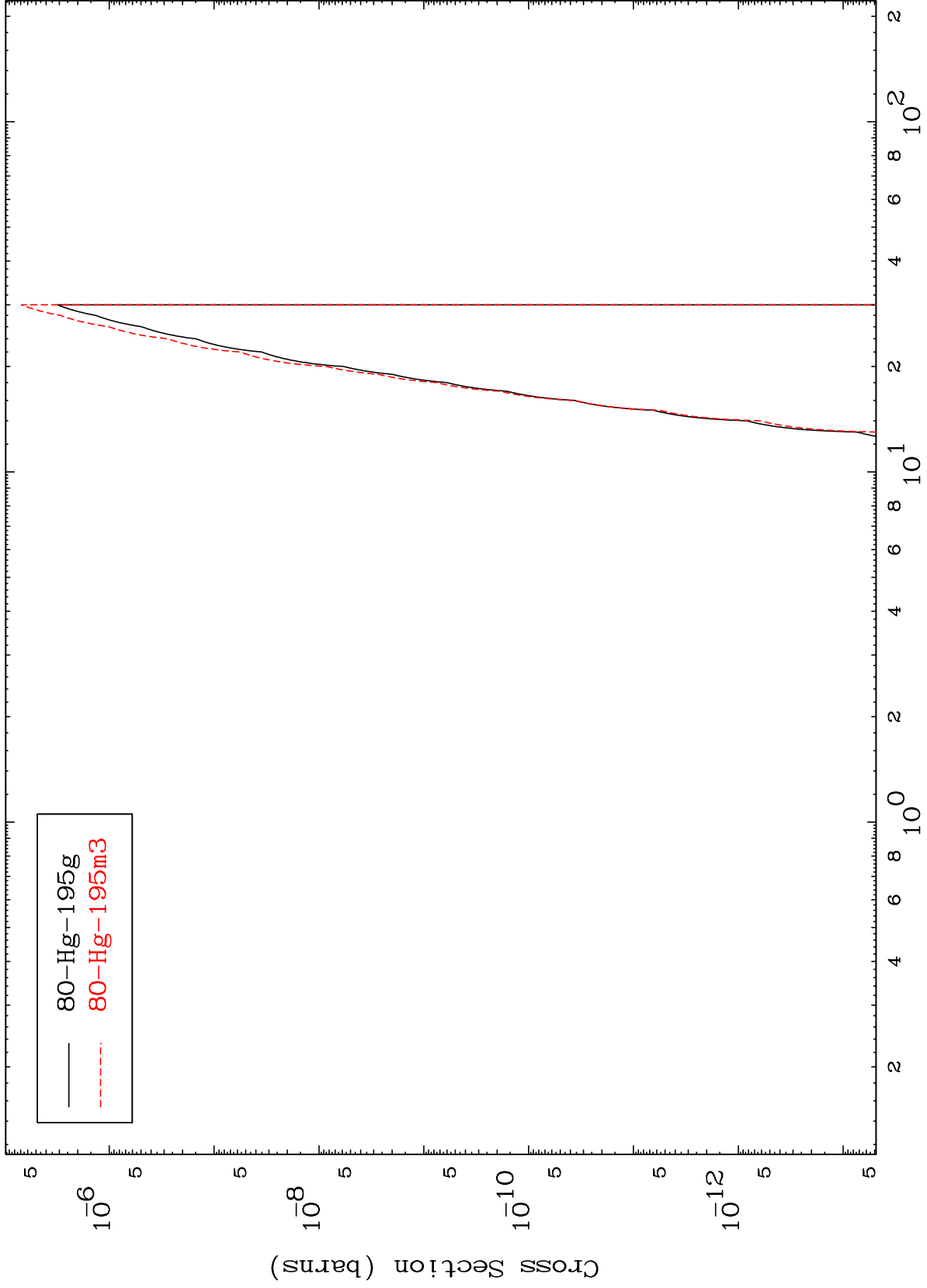
82-Pb-199m

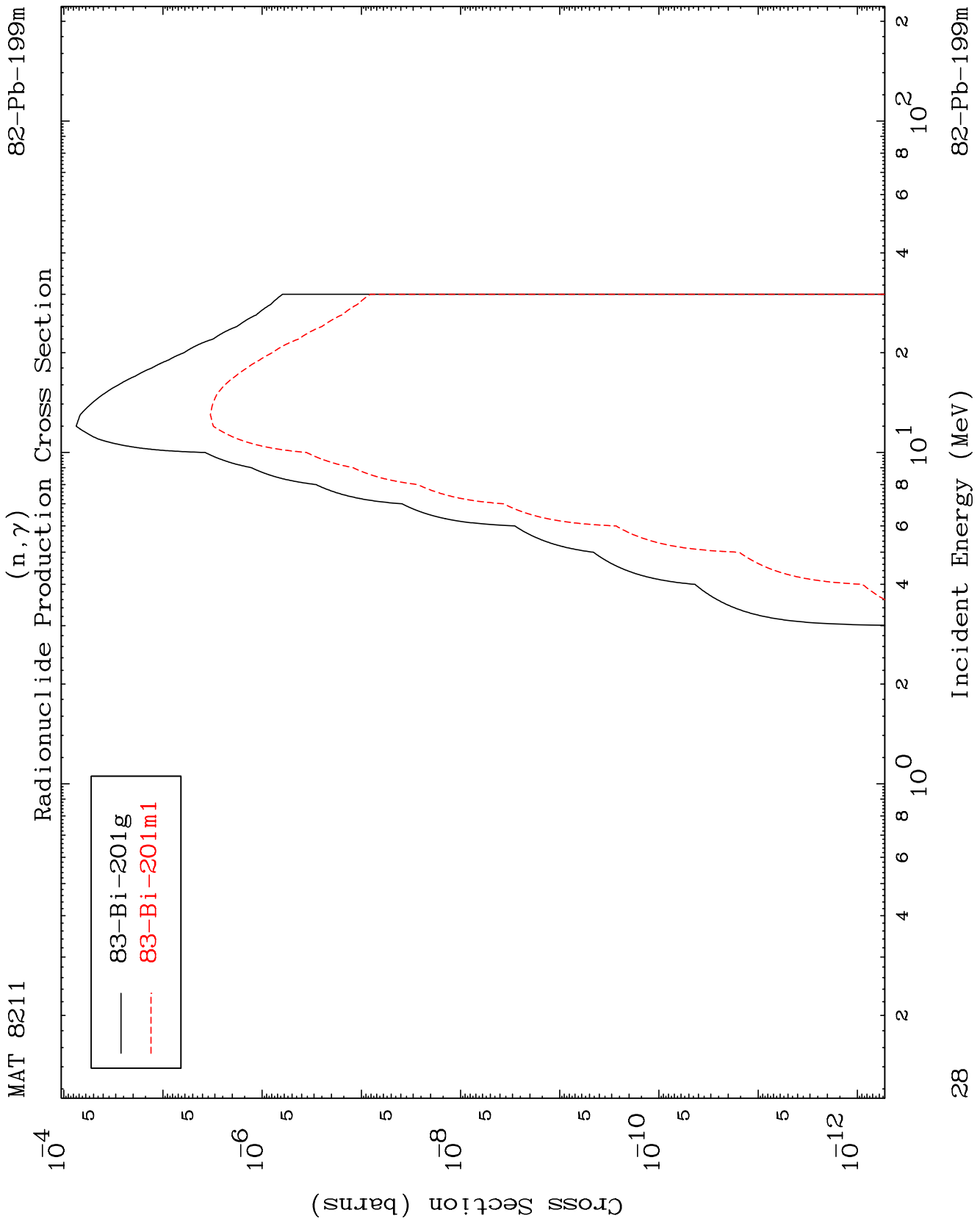
MAT 8211

(n,n') p α

⁸²Pb-199m

Radionuclide Production Cross Section



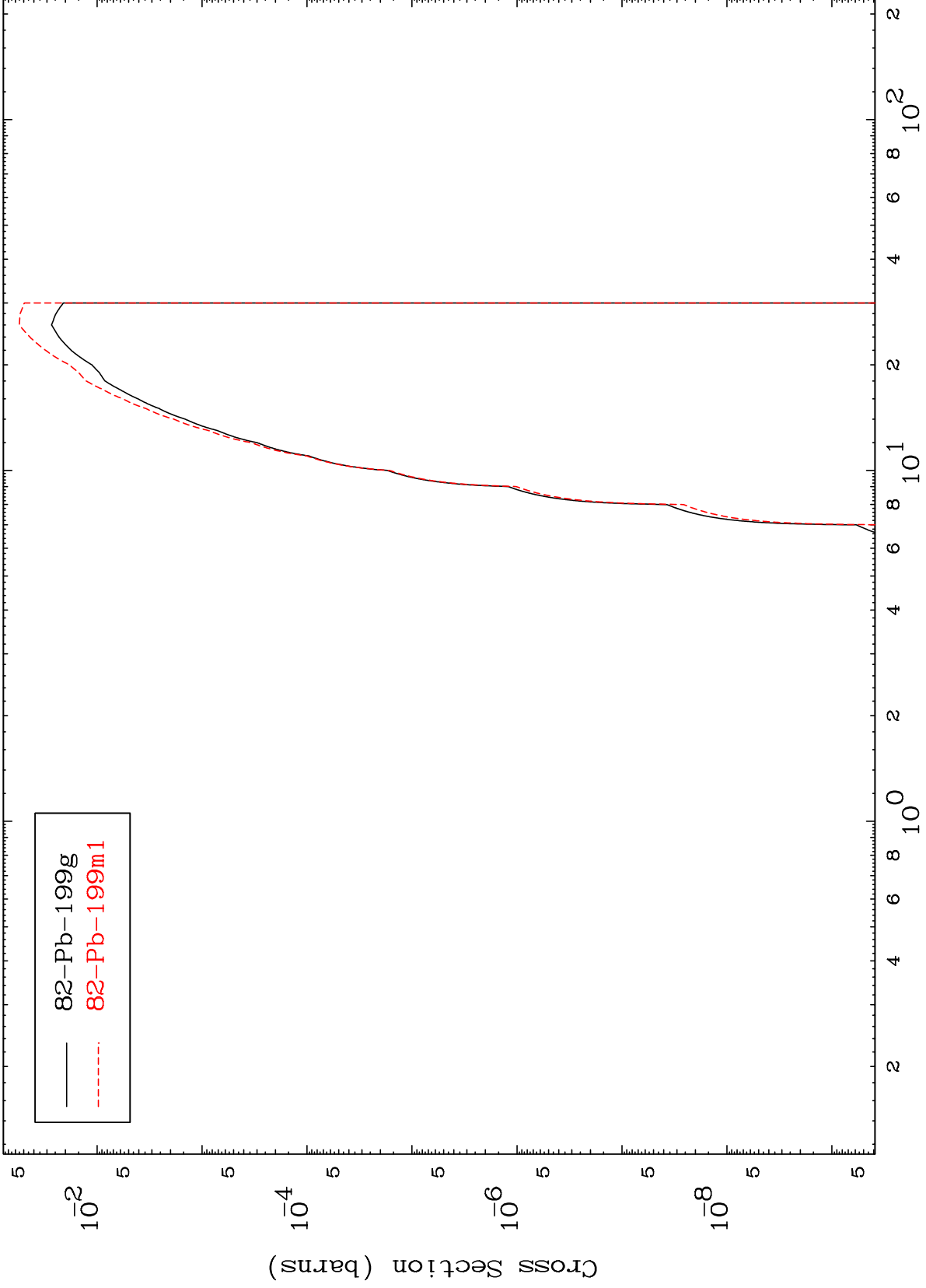


MAT 8211

(n,d)

⁸²Pb-199m

Radionuclide Production Cross Section

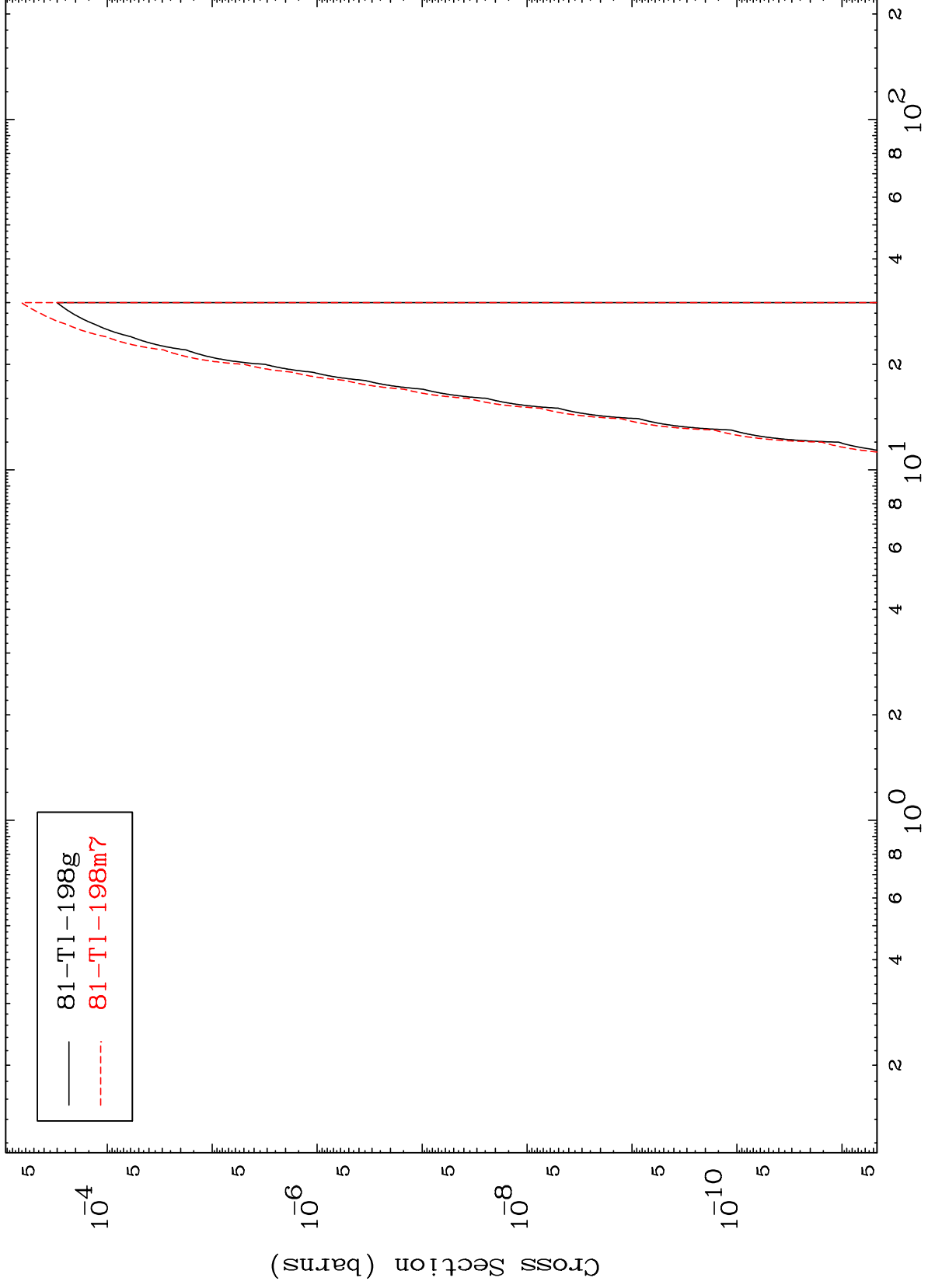


MAT 8211

(n,He-3)

82-Pb-199m

Radionuclide Production Cross Section

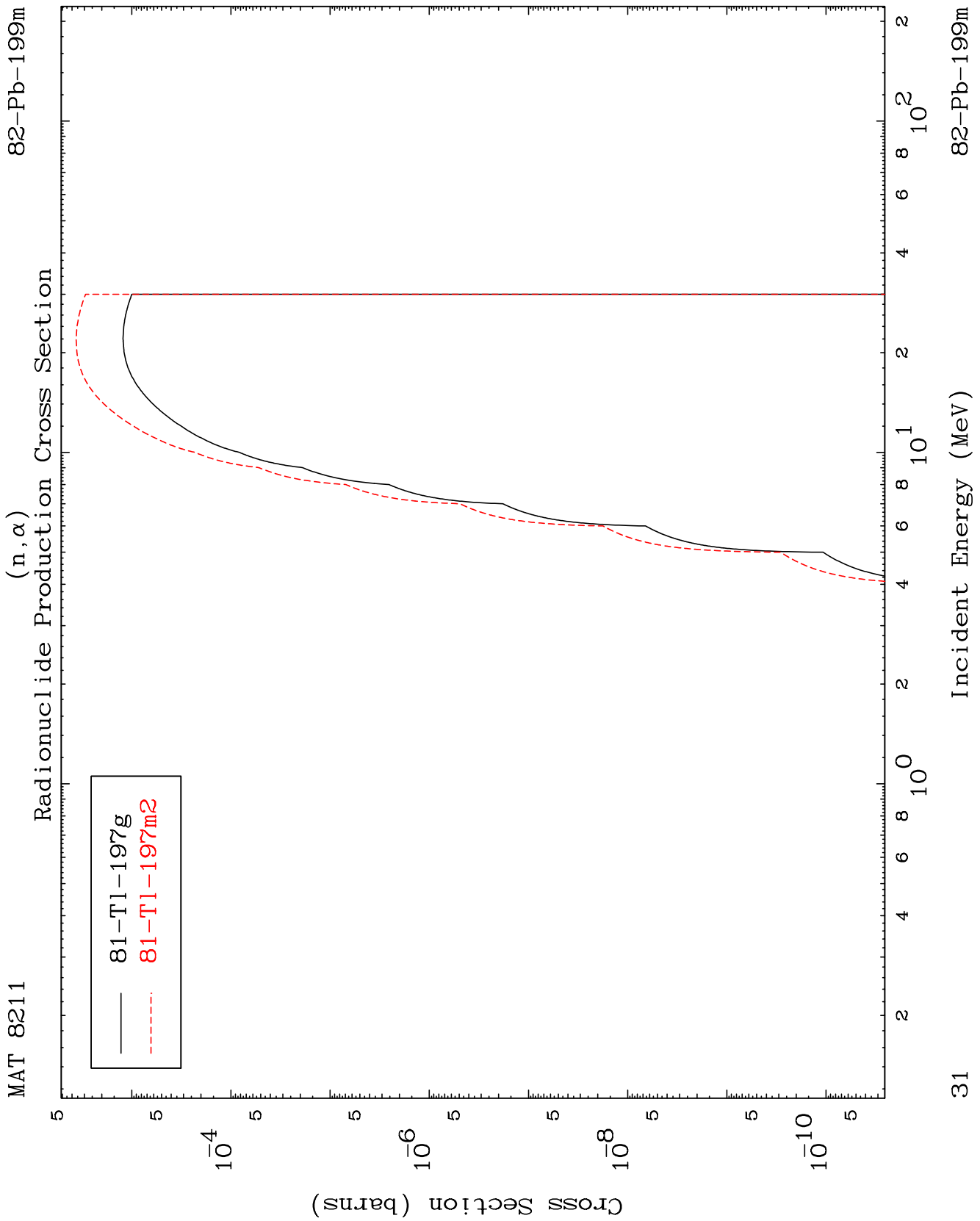


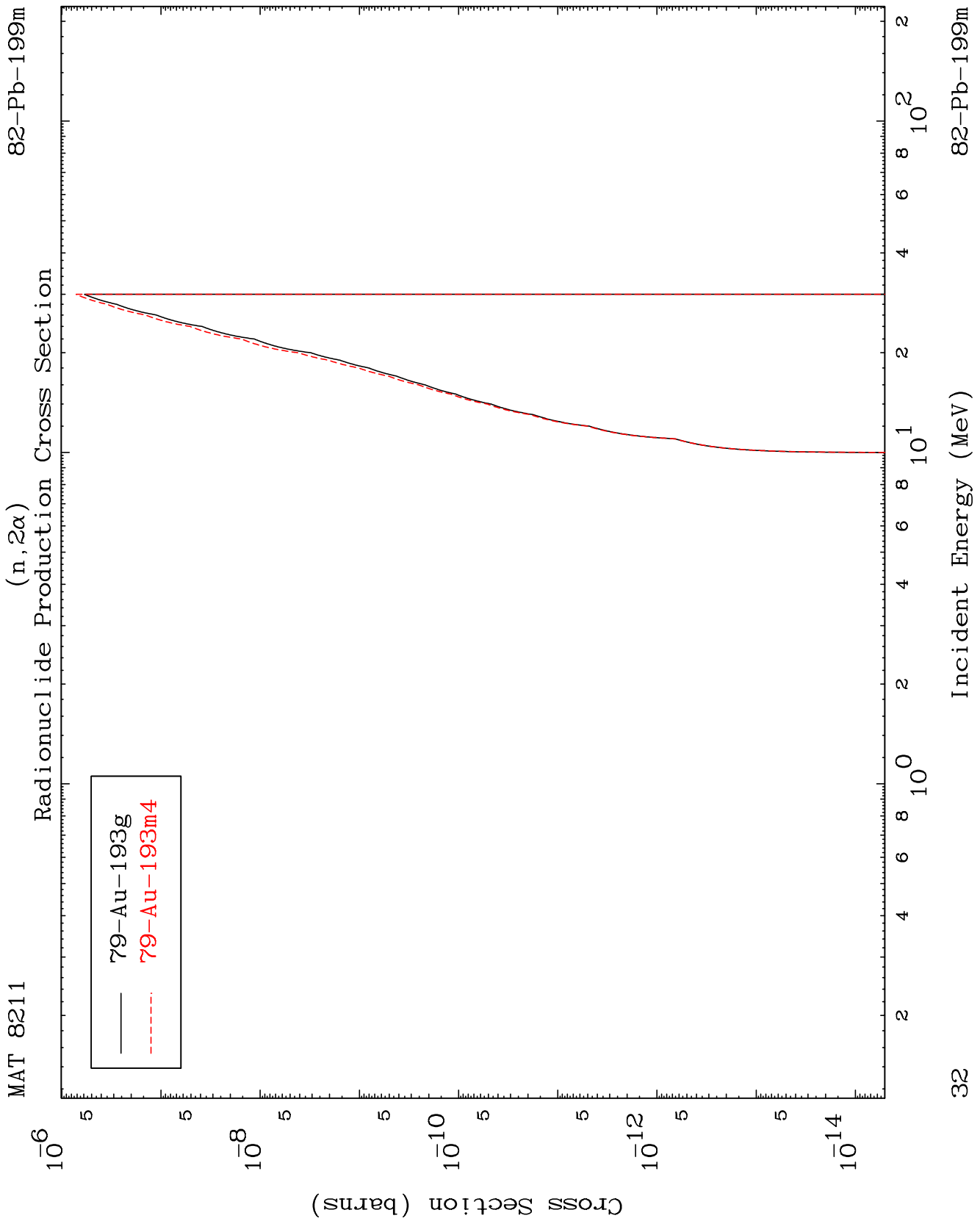
81-Tl-198g
81-Tl-198m7

30

Incident Energy (MeV)

82-Pb-199m



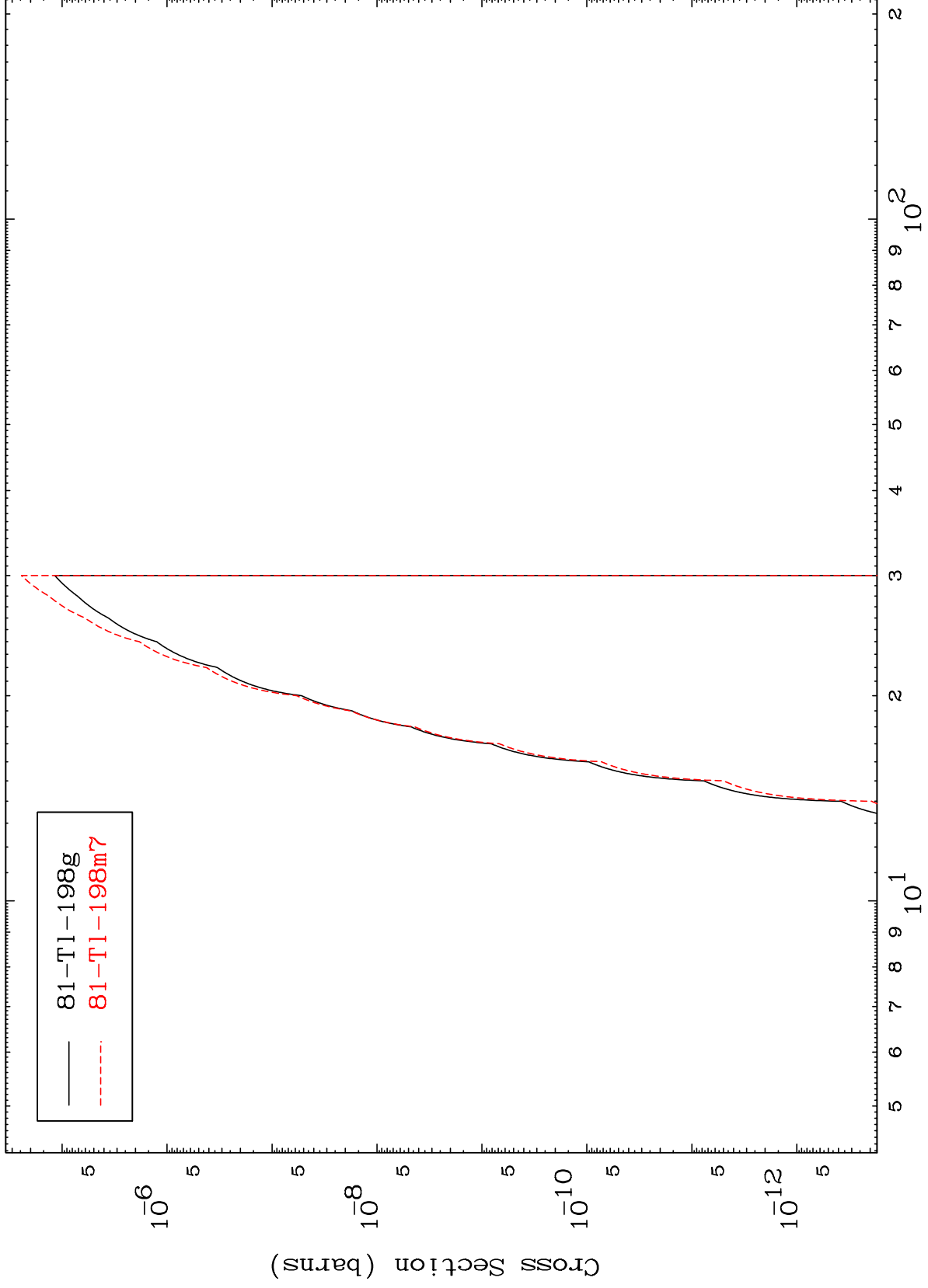


MAT 8211

(n,p) d

82-Pb-199m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

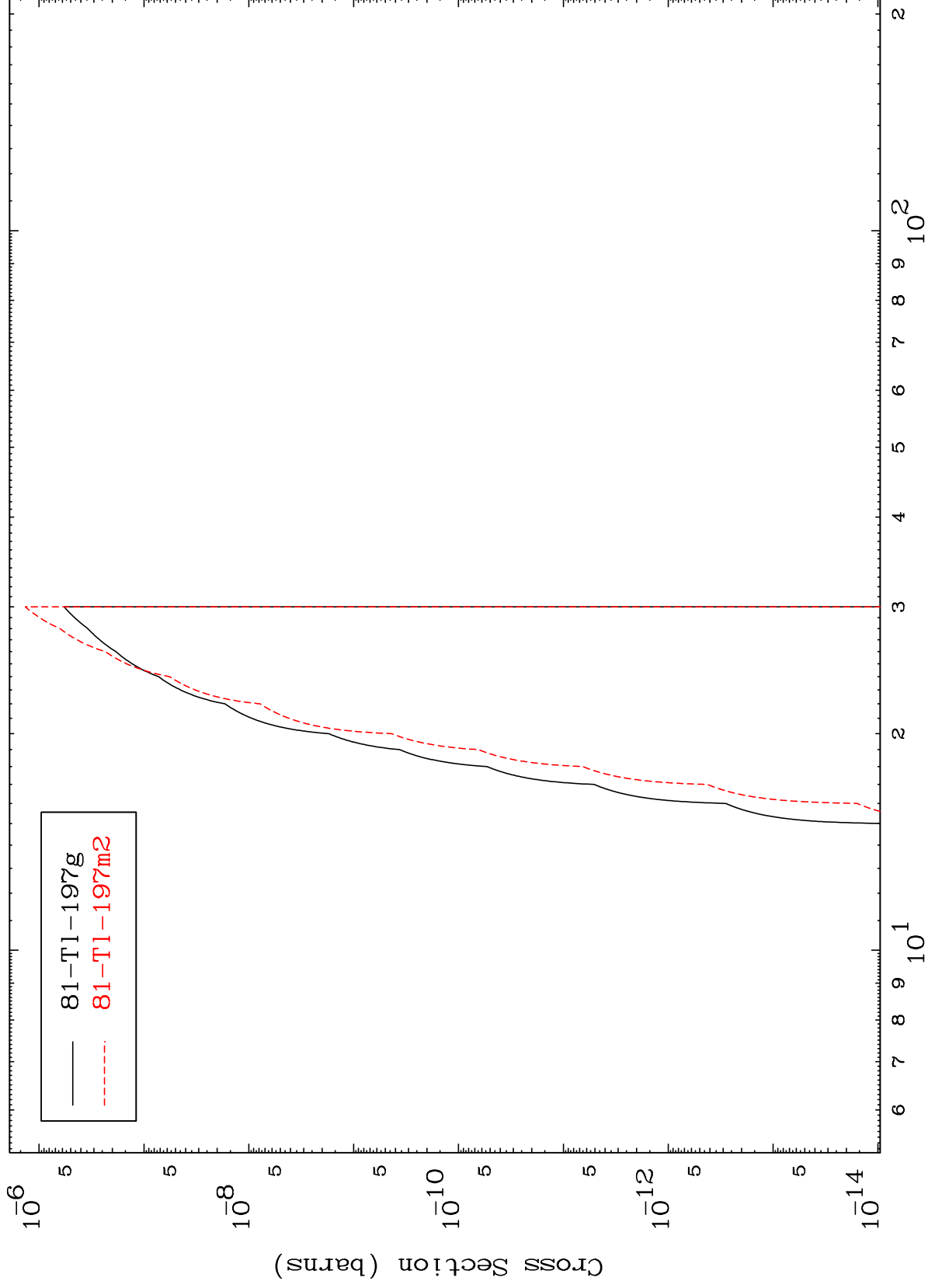
82-Pb-199m

MAT 8211

(n,p) t

82-Pb-199m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,d) α

82-Pb-199m

