

Program EVALPLOT
(Version 2021-1)

by

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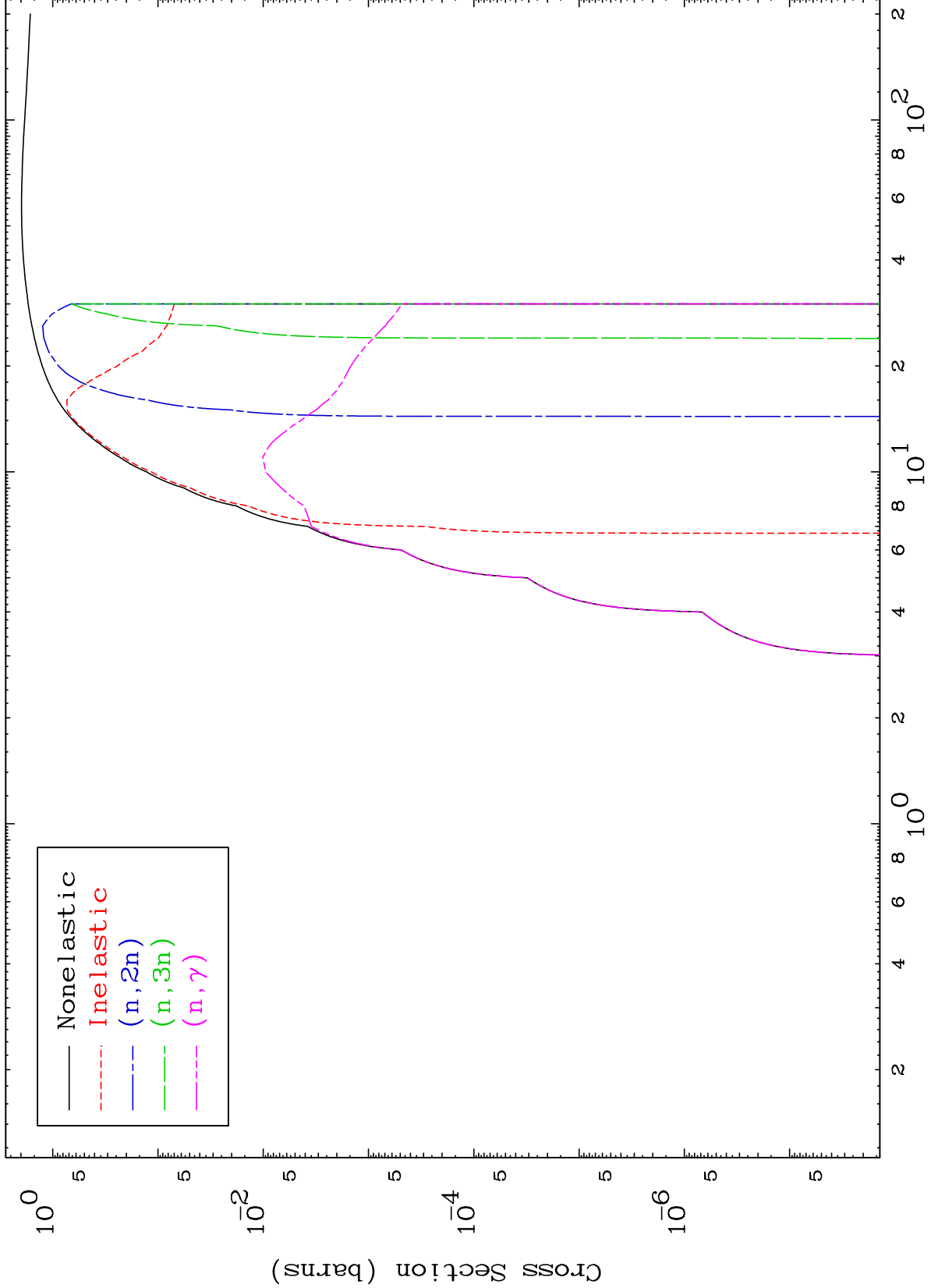
Press Mouse Button to Start

MAT 8213

Proton Major

82-Pb-200

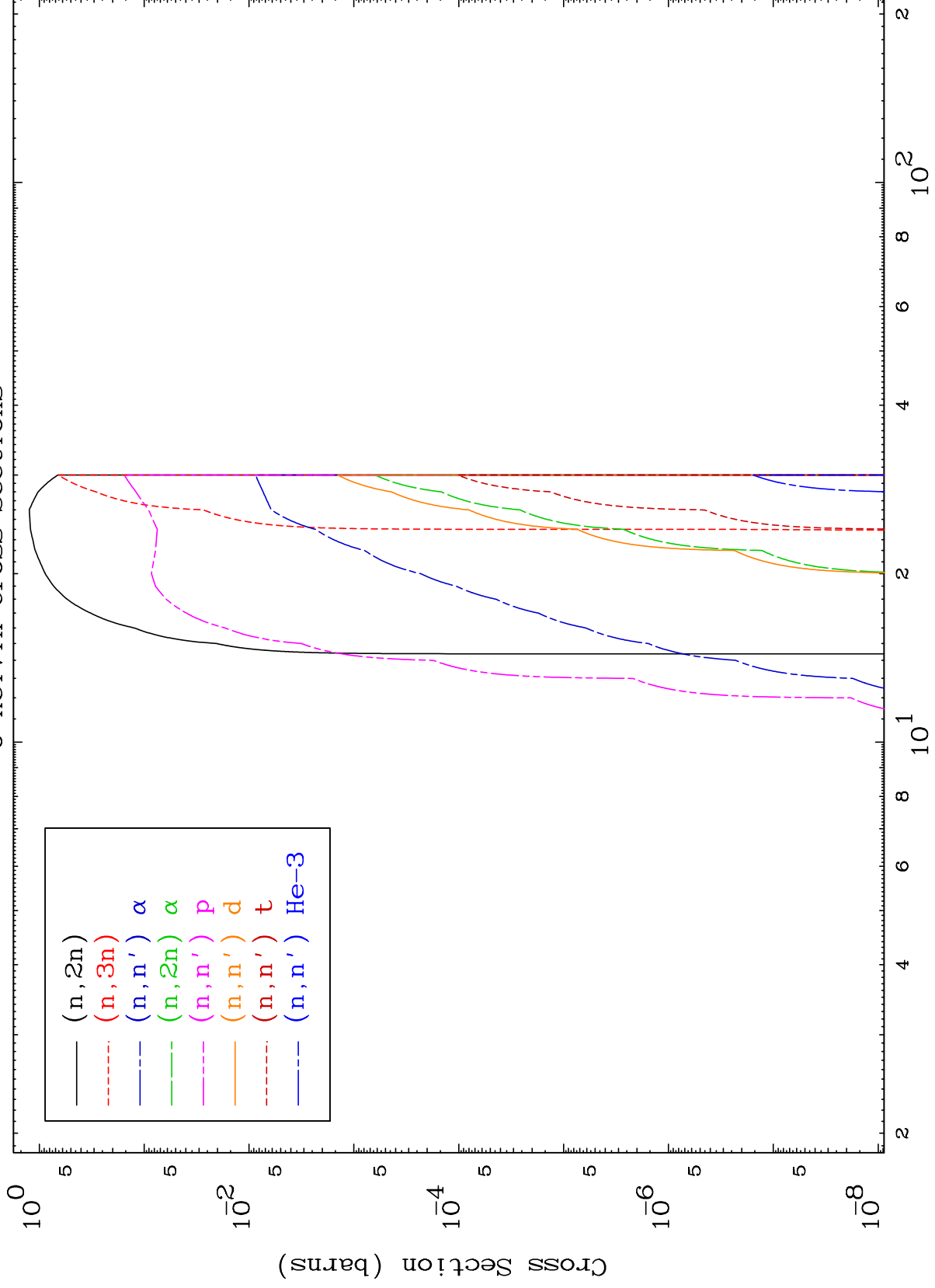
0 Kelvin Cross Sections



MAT 8213

Proton Neutron Absorption
0 Kelvin Cross Sections

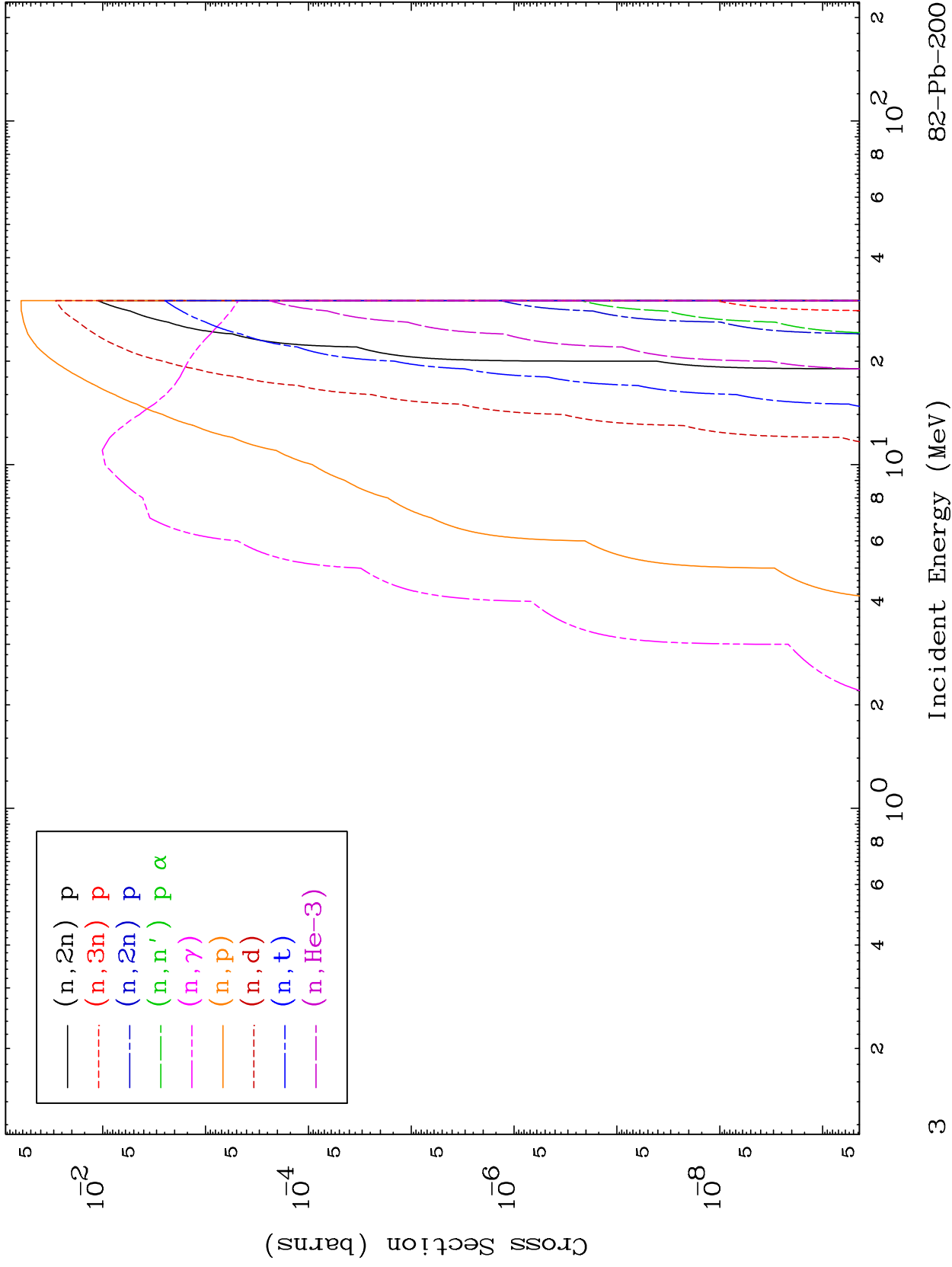
82-Pb-200



2

Incident Energy (MeV)

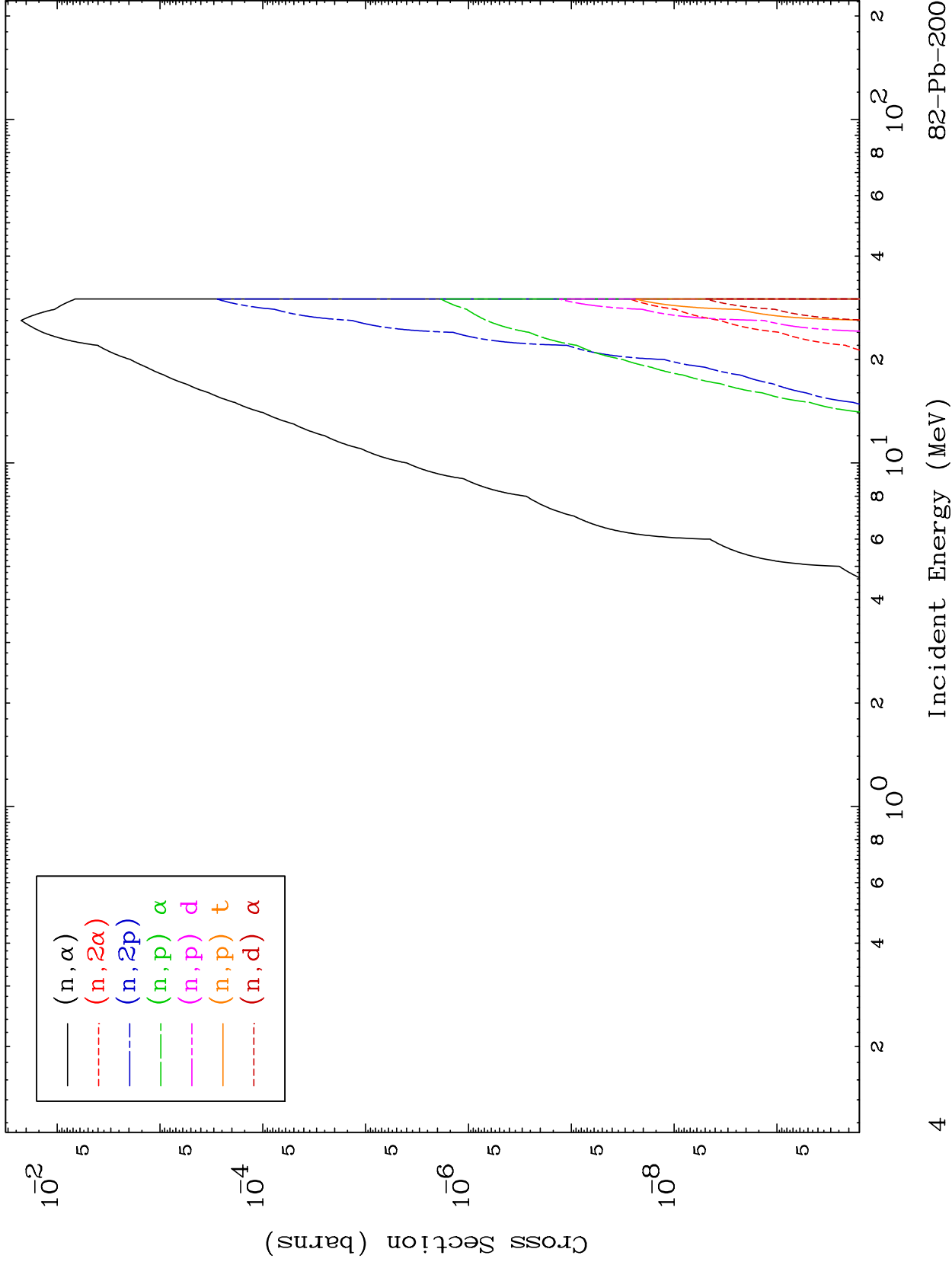
82-Pb-200



MAT 8213

Proton Neutron Absorption
0 Kelvin Cross Sections

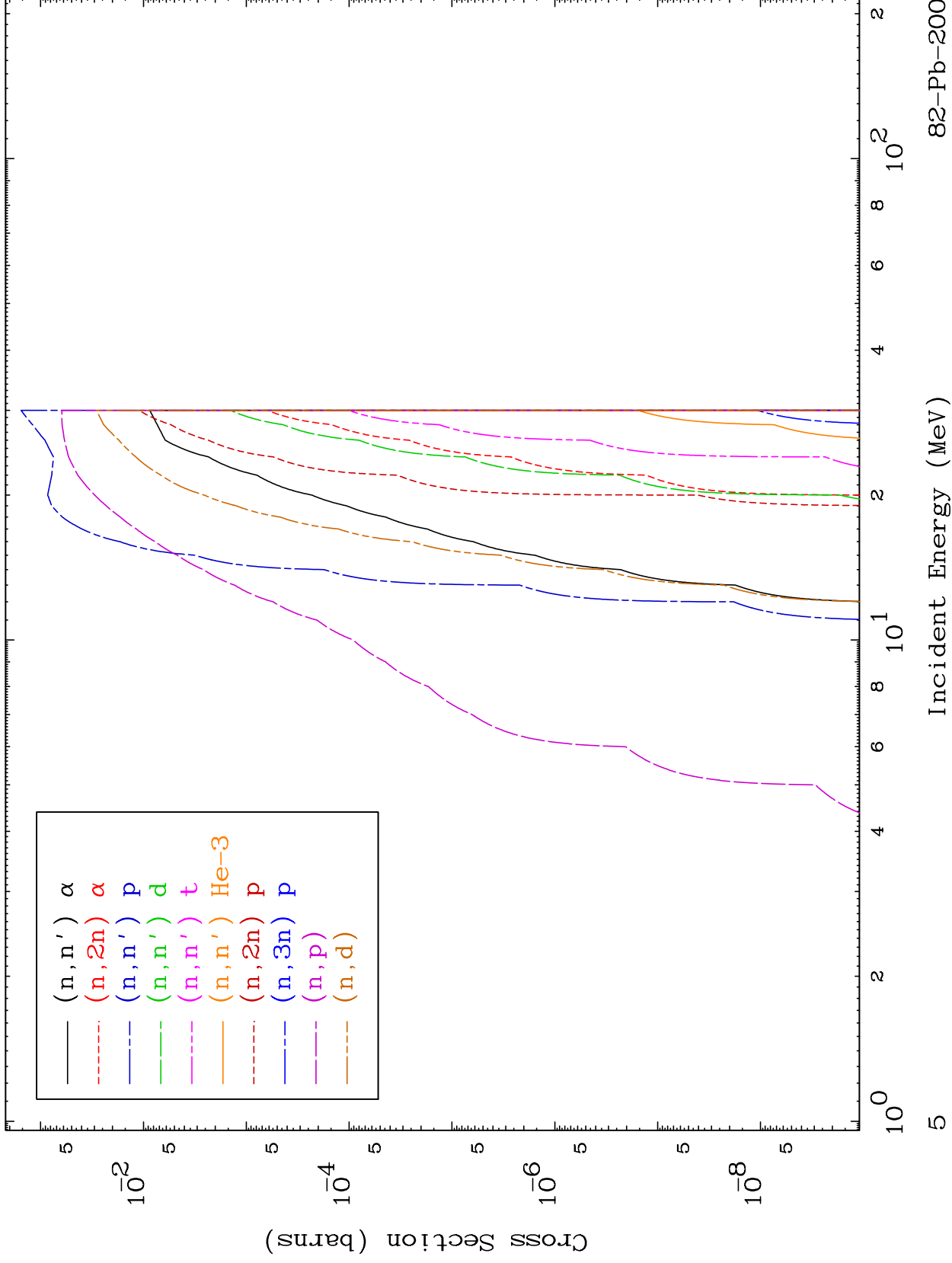
82-Pb-200



MAT 8213

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-200



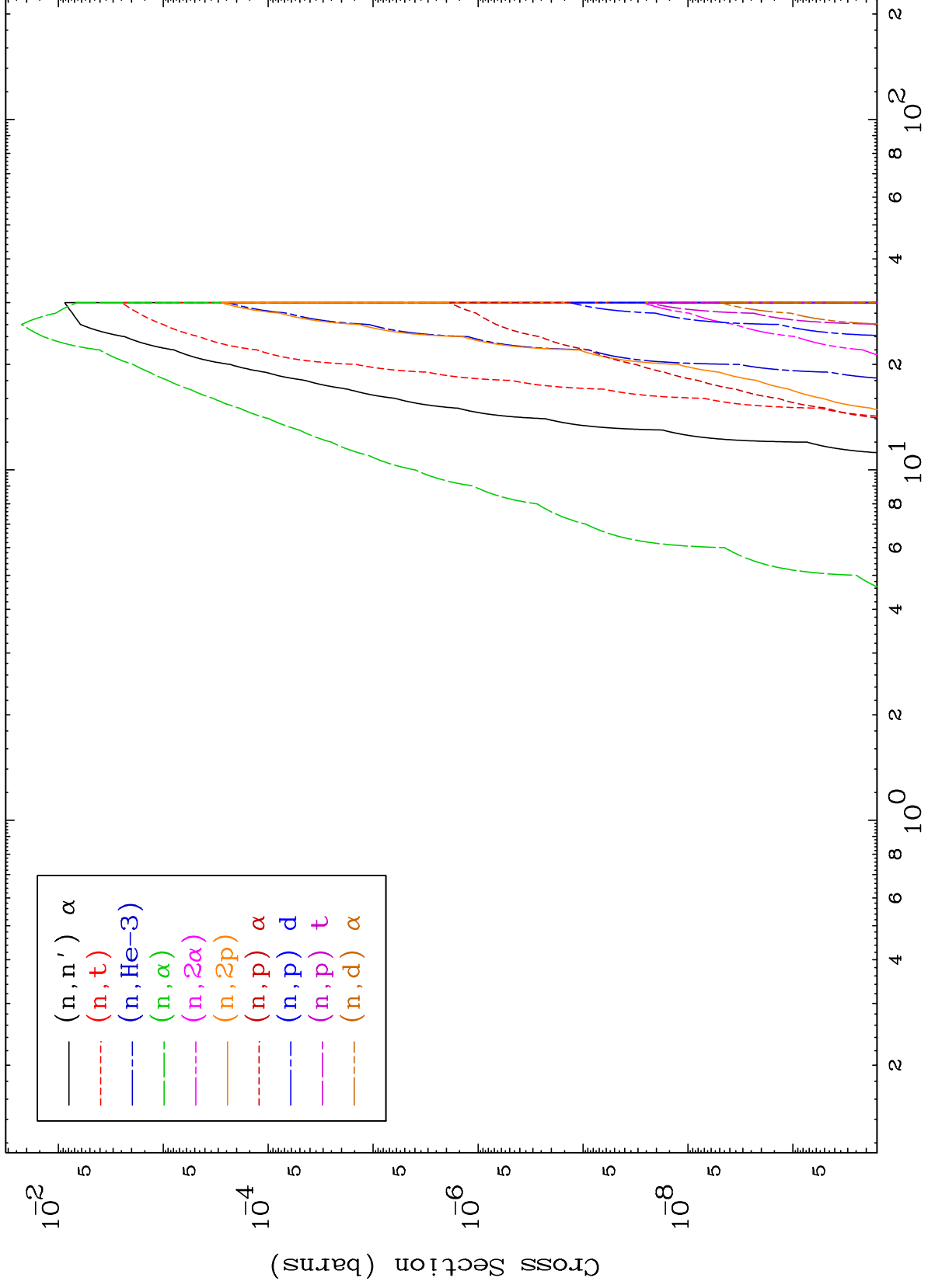
82-Pb-200

Incident Energy (MeV)

MAT 8213

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-200

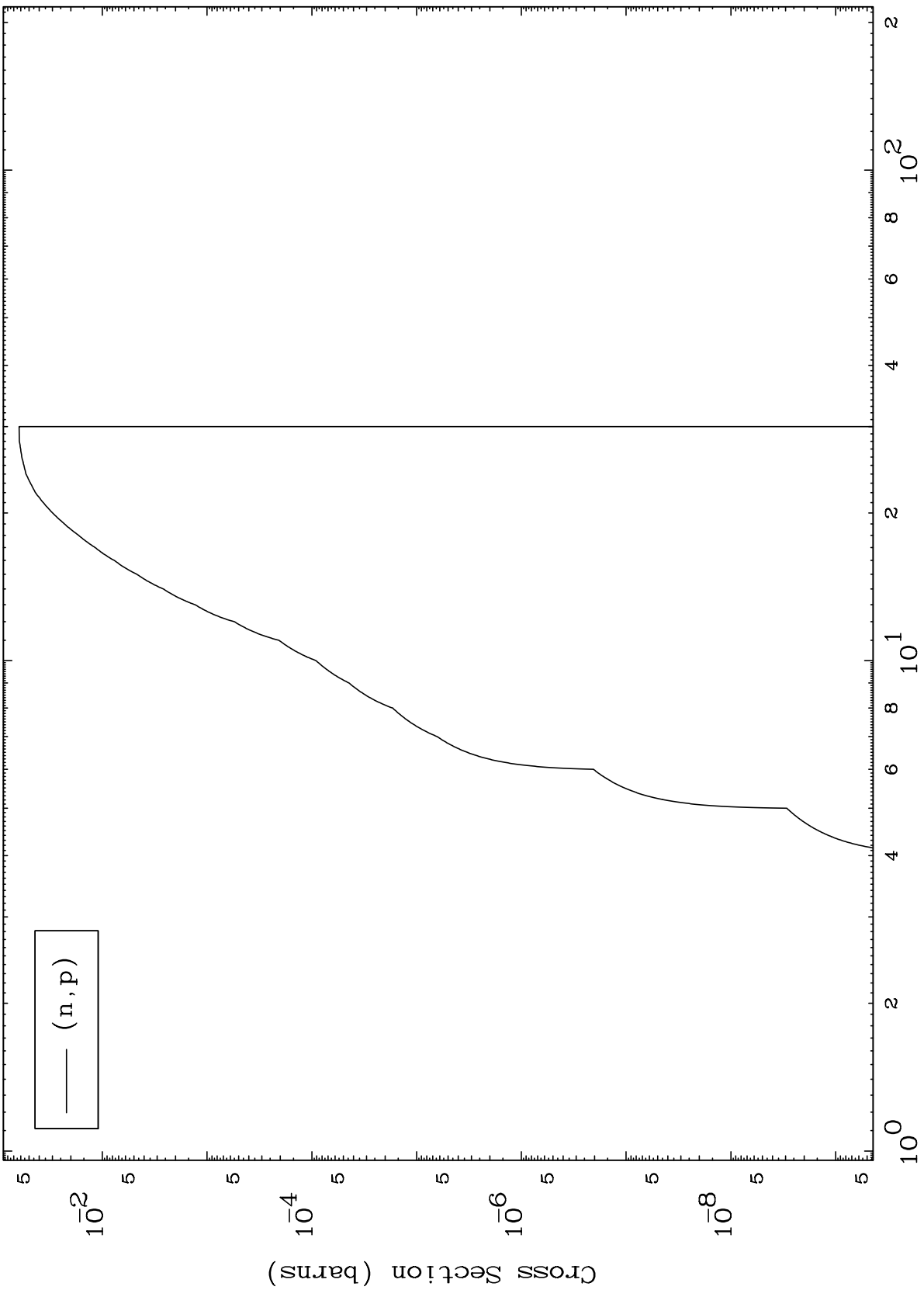


MAT 8213

(p,p) Levels

82-Pb-200

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

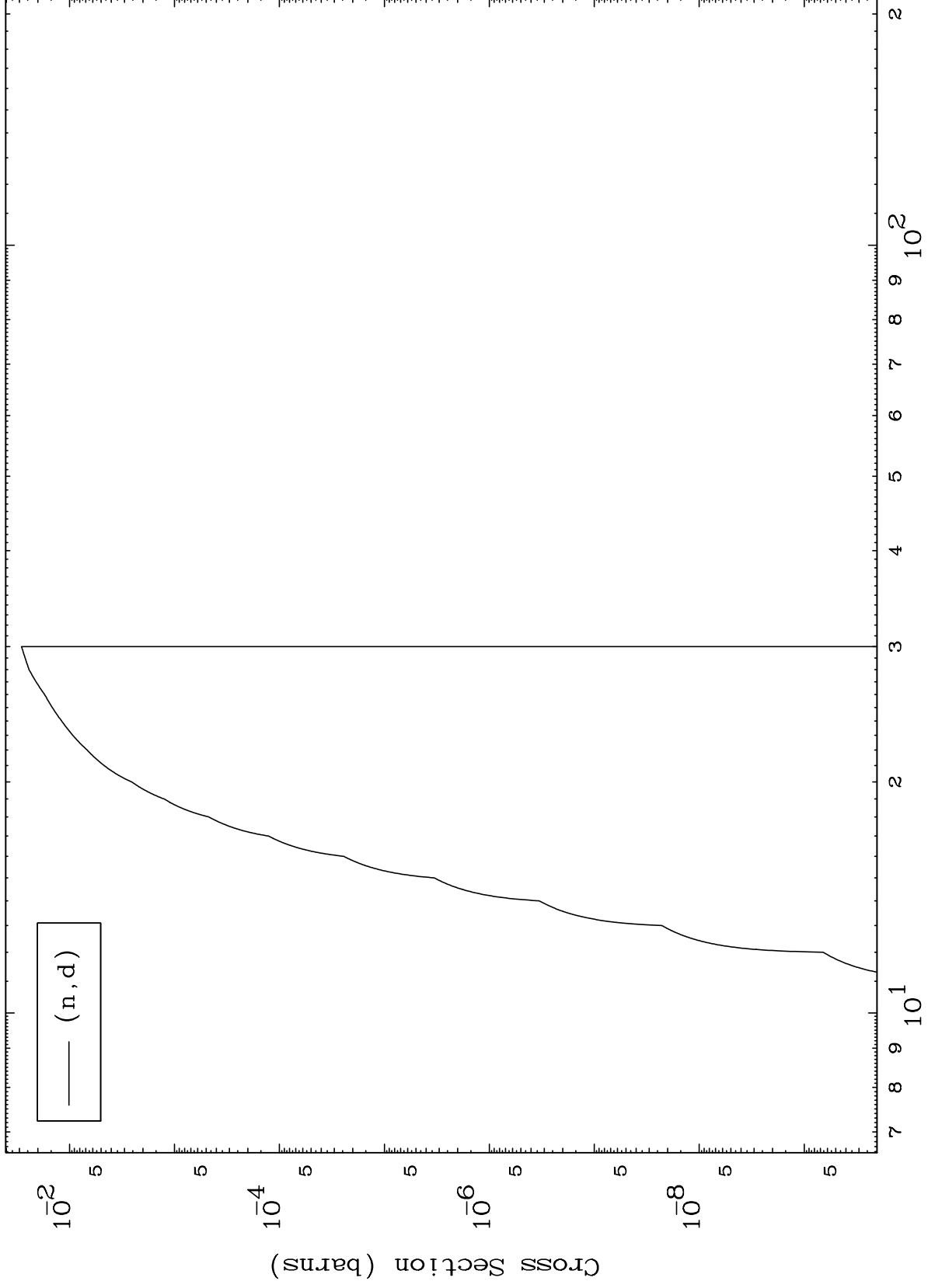
82-Pb-200

7

MAT 8213

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-200



8

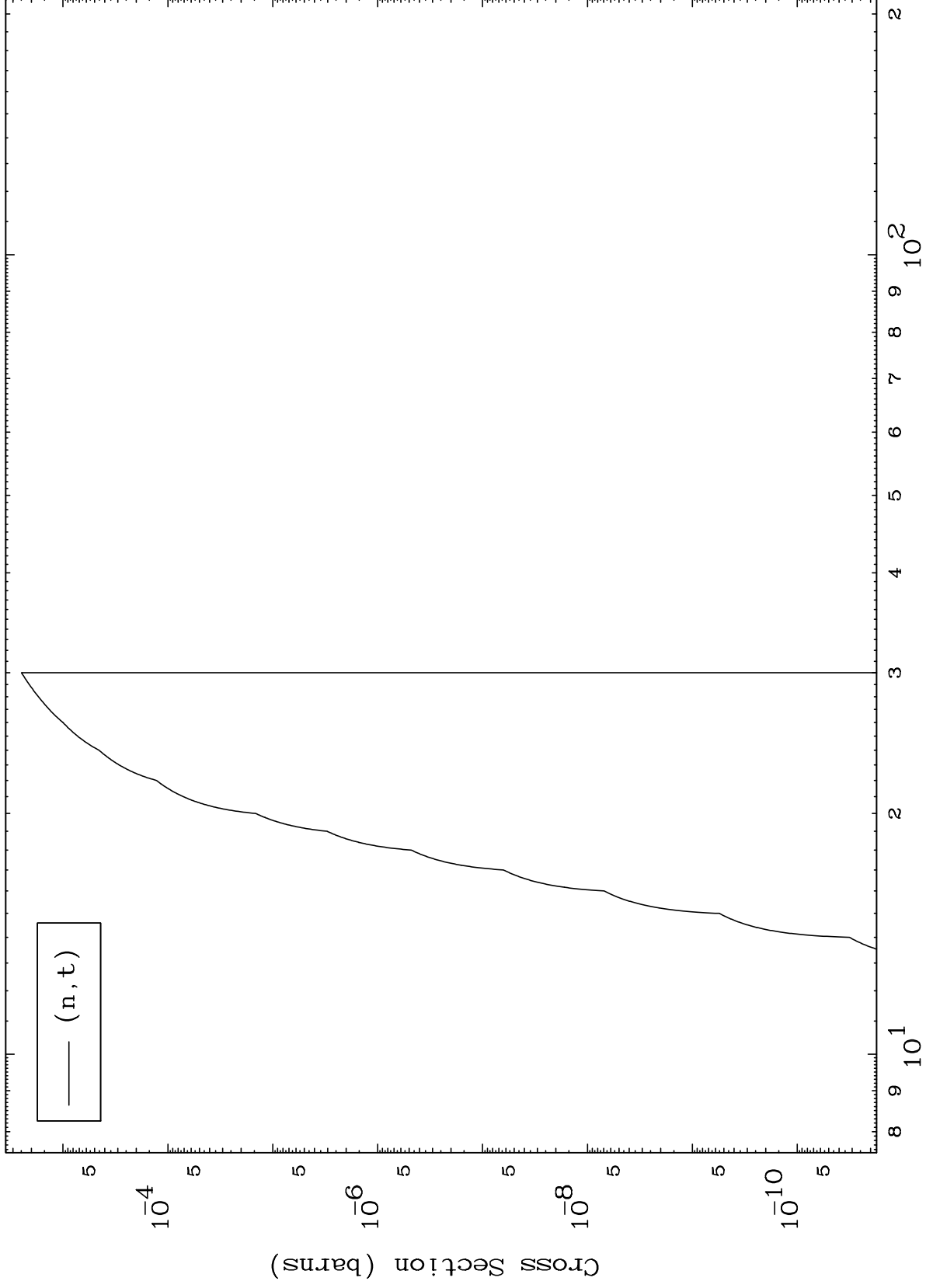
Incident Energy (MeV)

82-Pb-200

MAT 8213

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-200



9

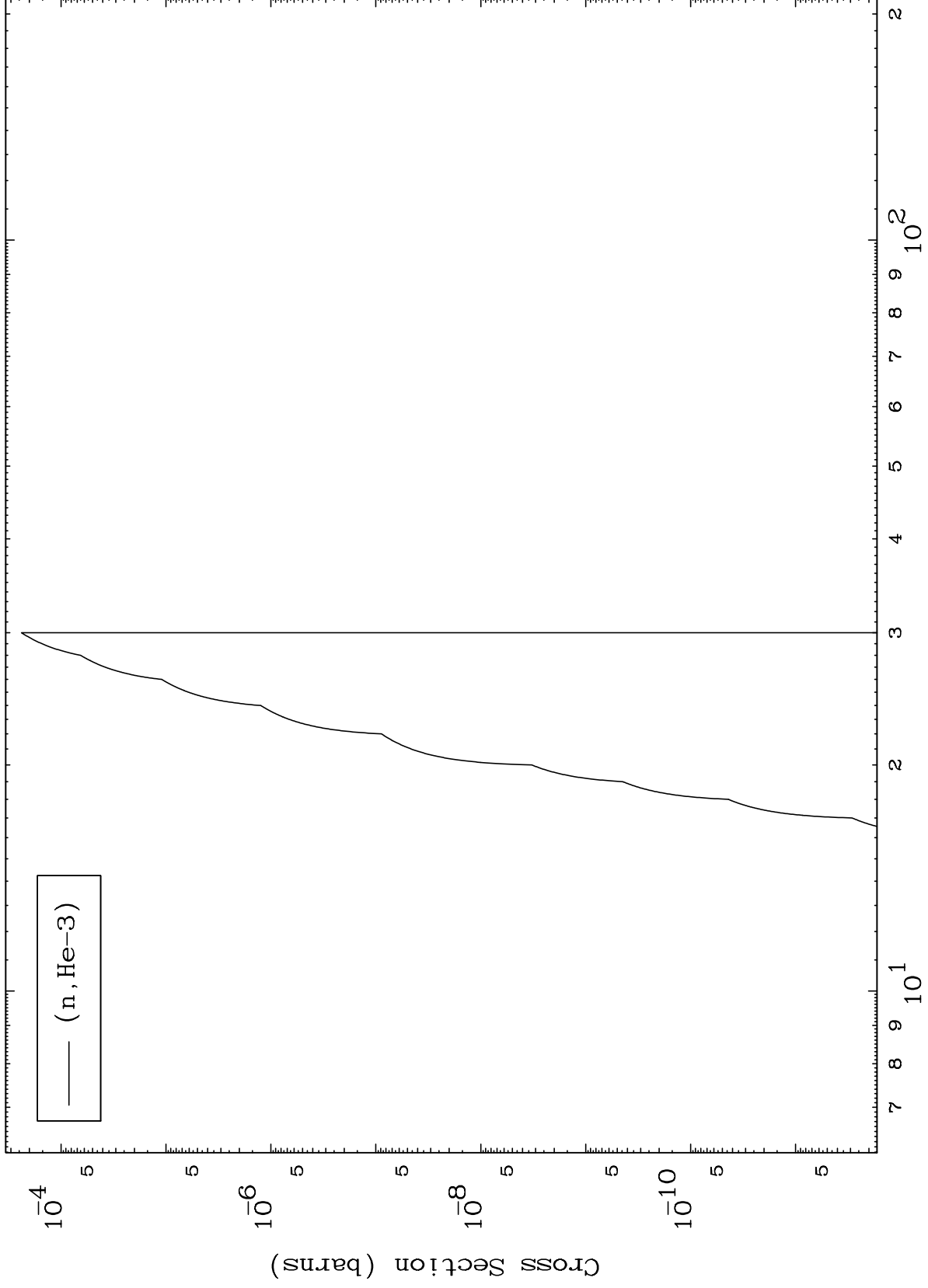
Incident Energy (MeV)

82-Pb-200

MAT 8213

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-200



10

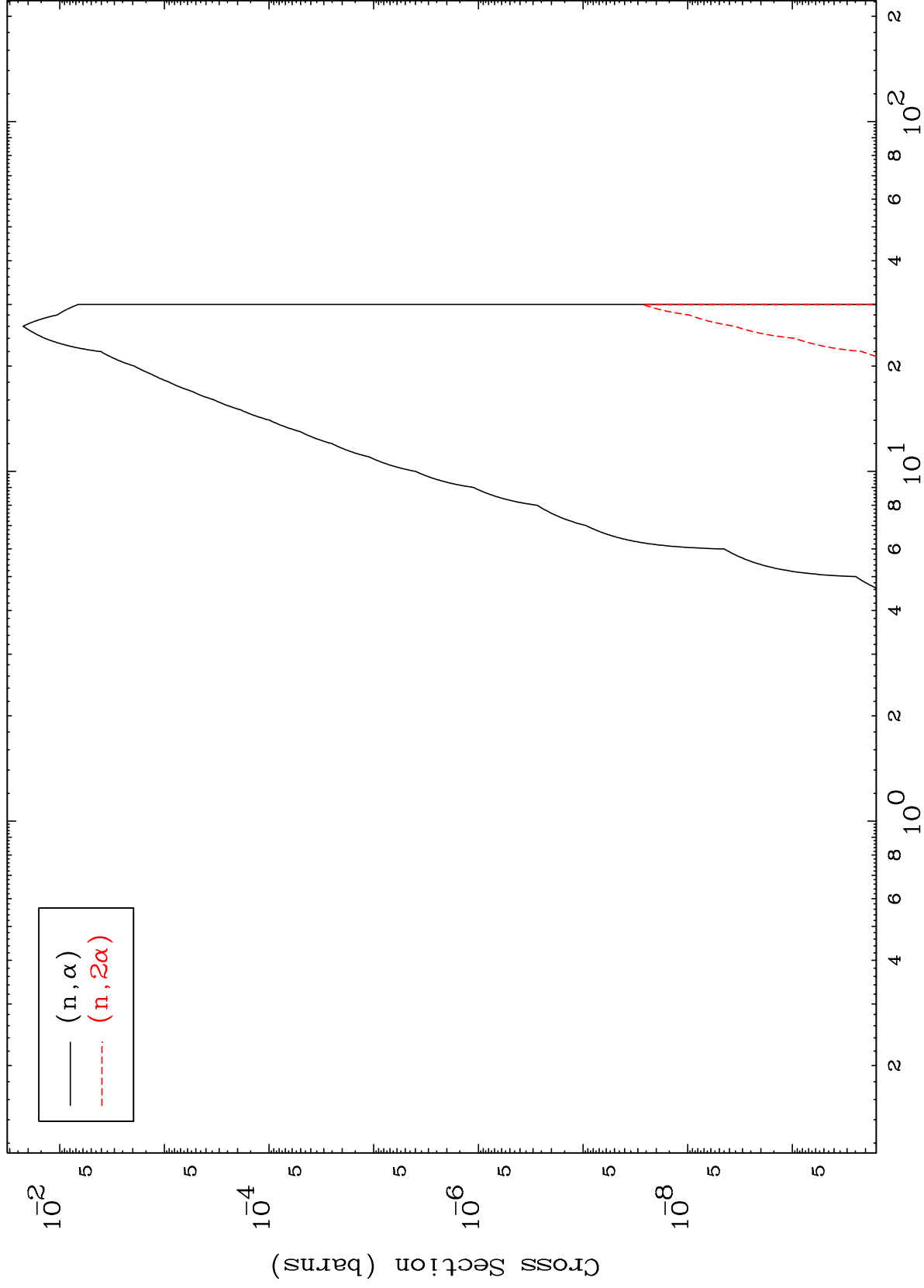
Incident Energy (MeV)

82-Pb-200

MAT 8213

(p, α) Levels
0 Kelvin Cross Sections

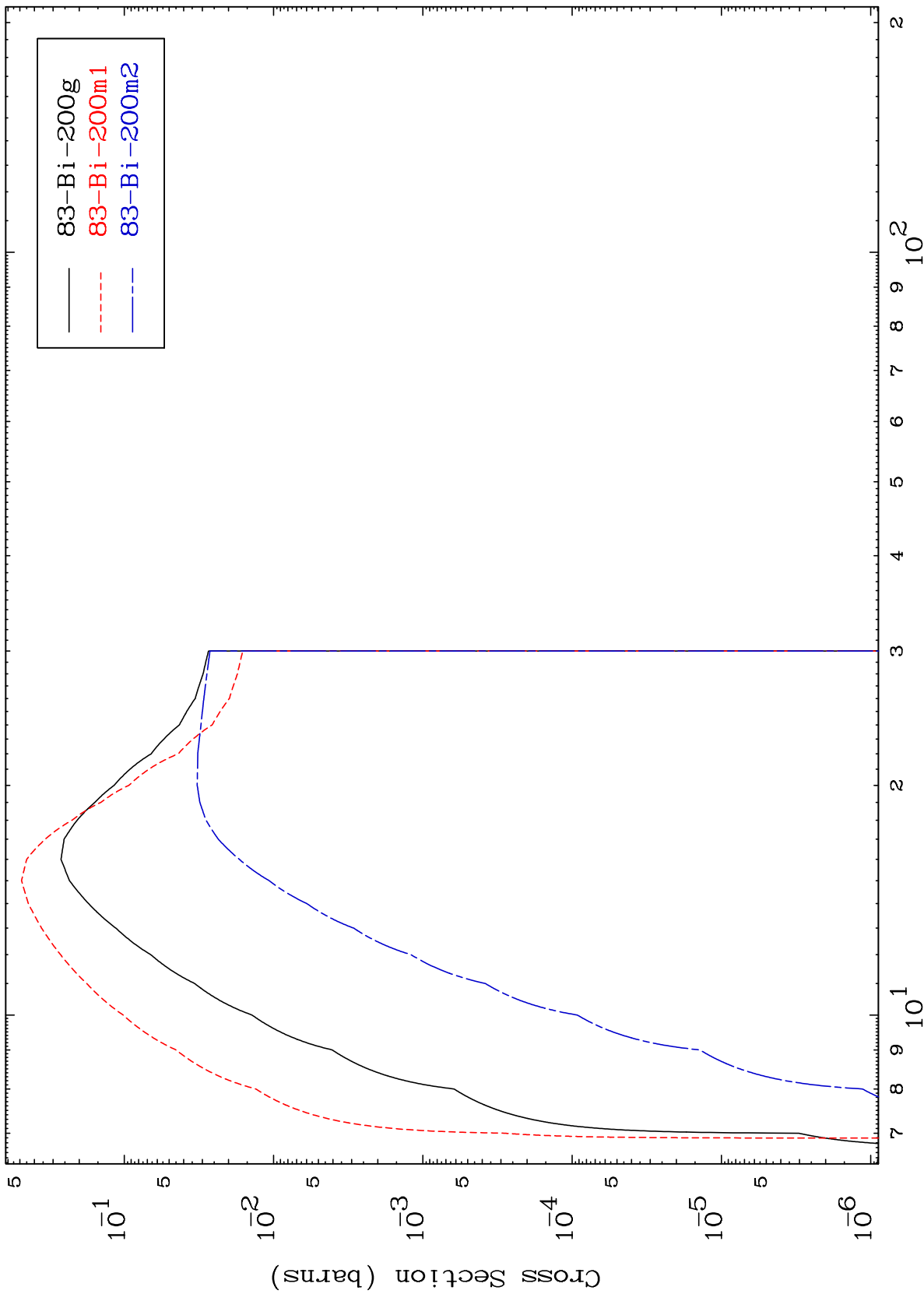
82-Pb-200



MAT 8213

82-Pb-200

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

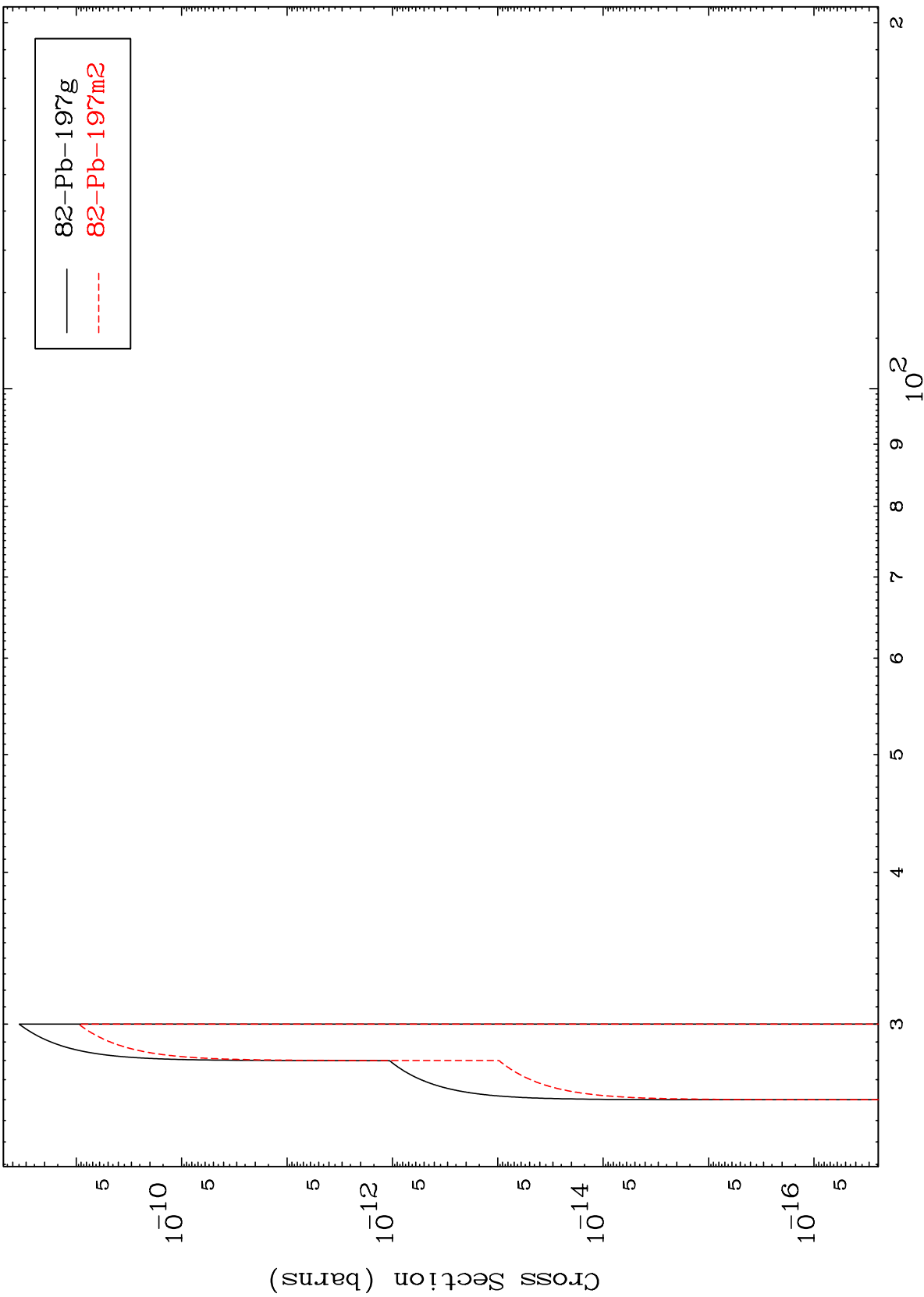
82-Pb-200

MAT 8213

(n,2n) d

82-Pb-200

Radionuclide Production Cross Section



13

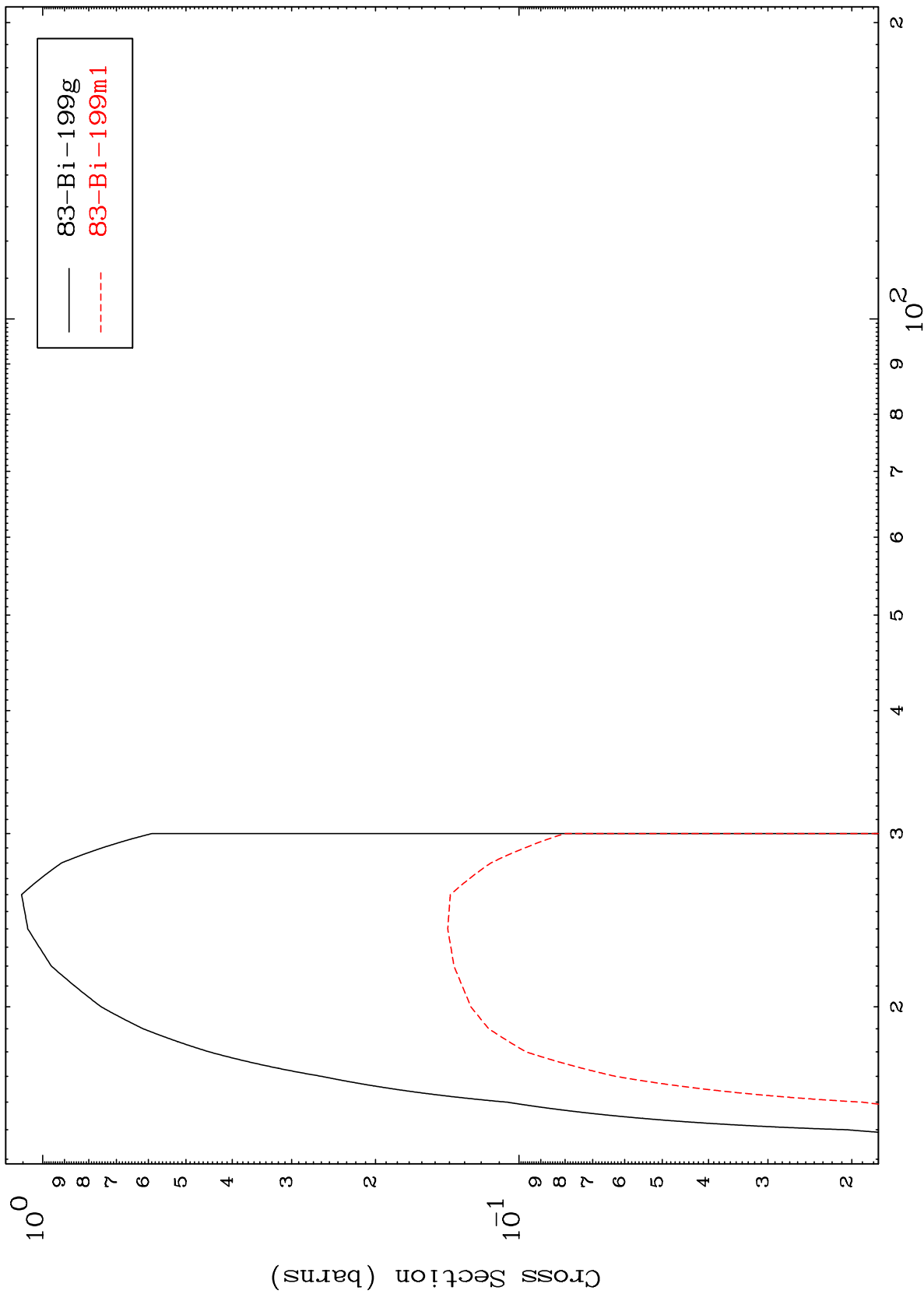
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,2n)
Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

14

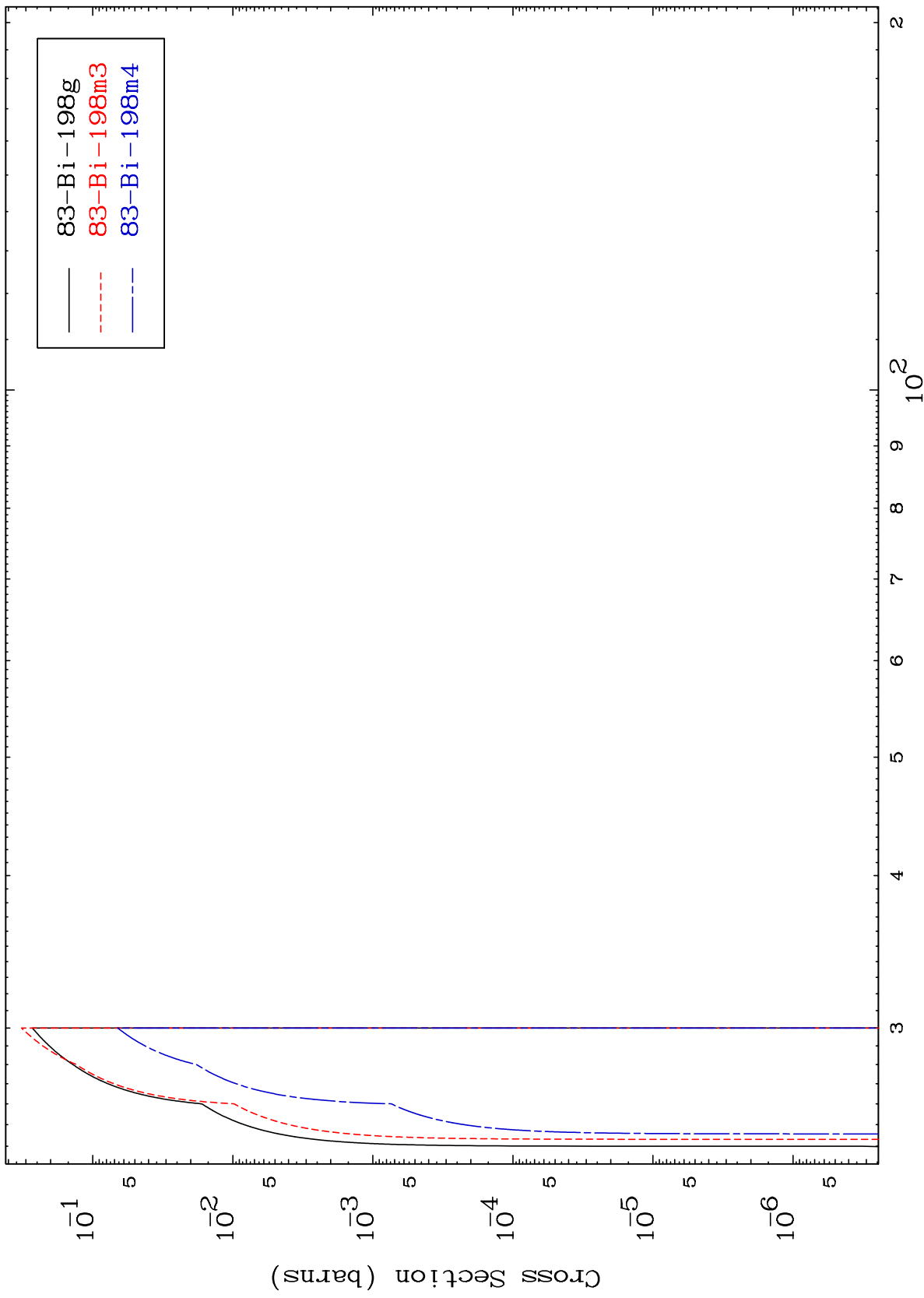
82-Pb-200

Incident Energy (MeV)

MAT 8213

82-Pb-200

(n,3n)
Radionuclide Production Cross Section



15

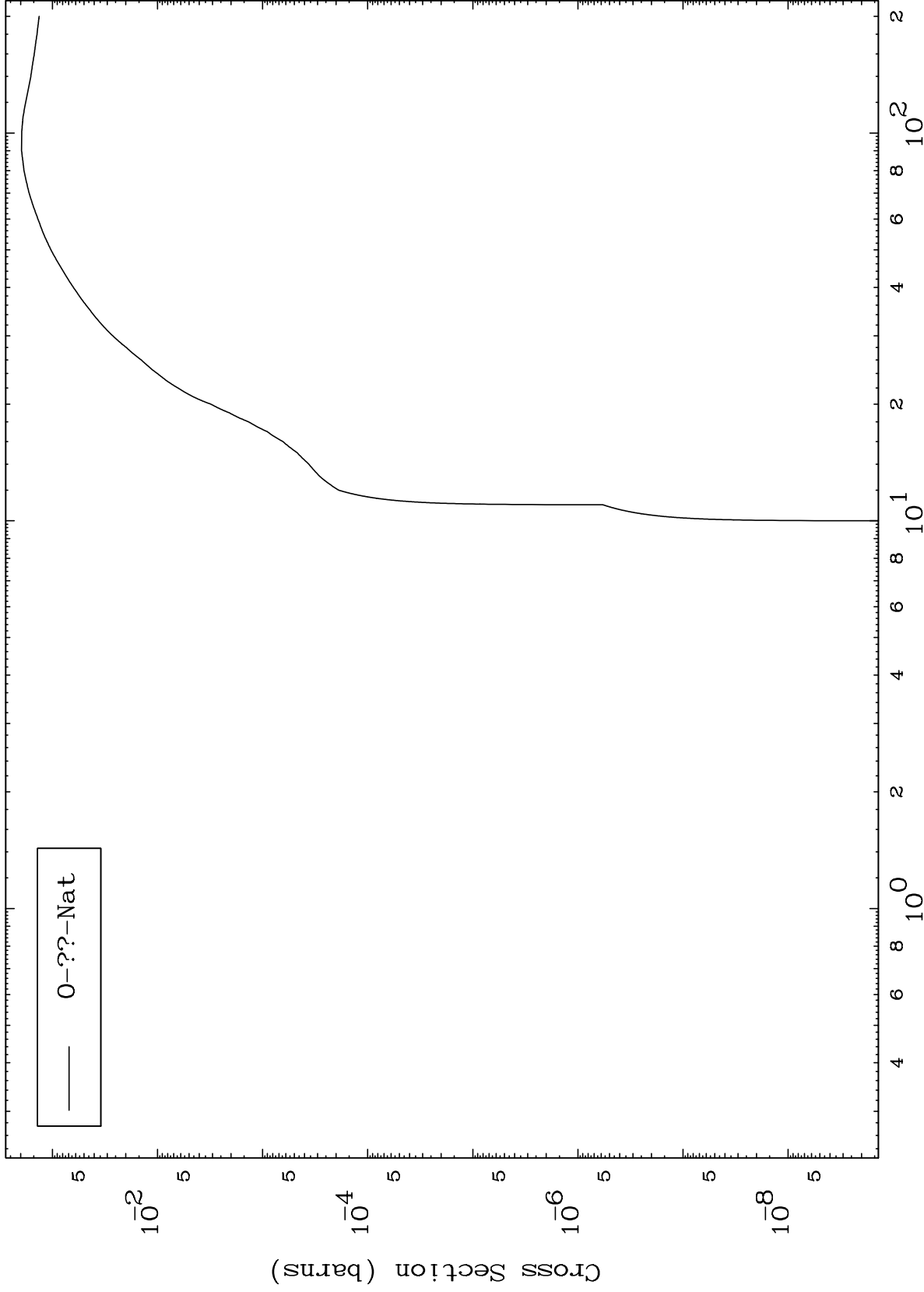
82-Pb-200

MAT 8213

Fission

82-Pb-200

Radionuclide Production Cross Section

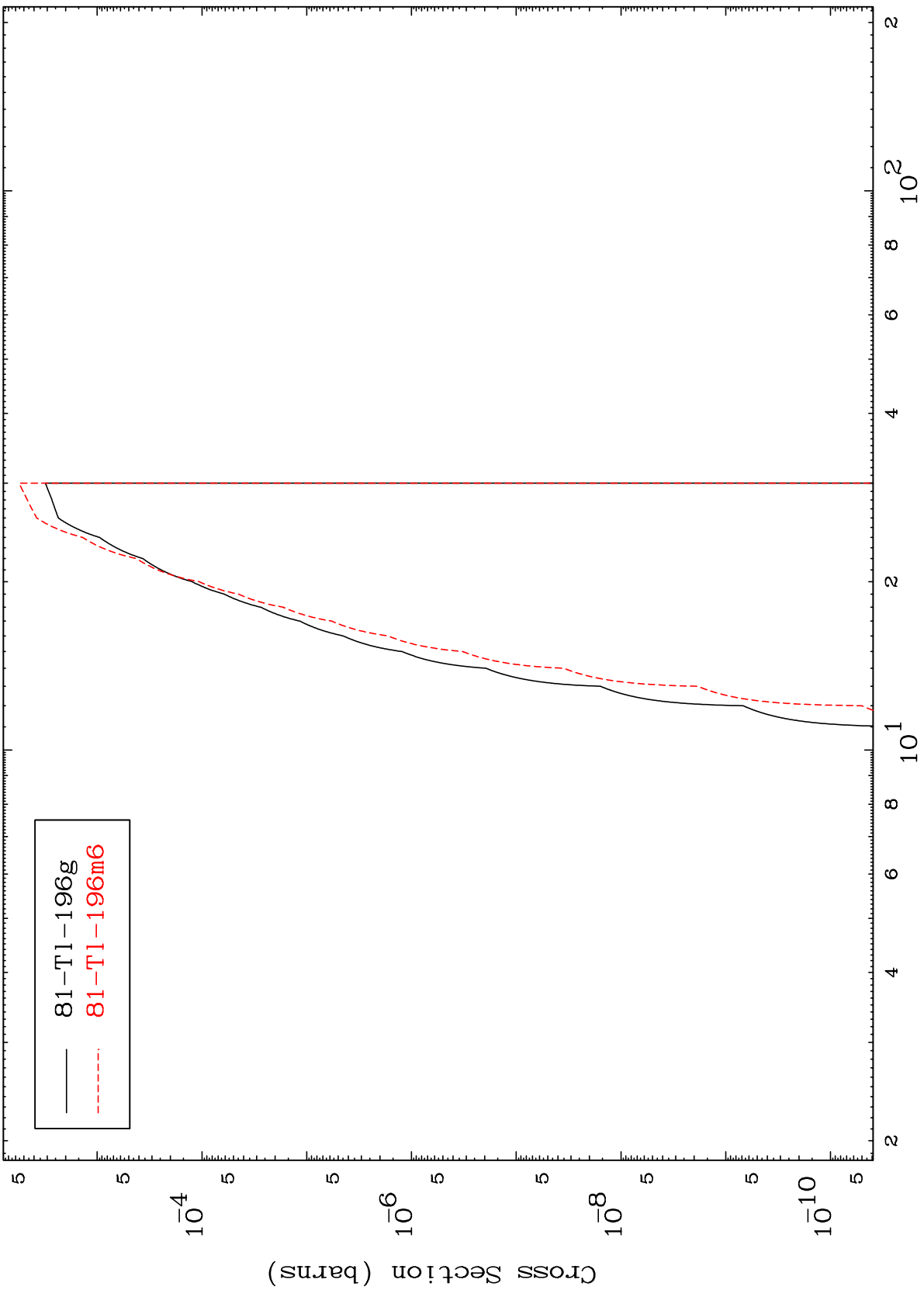


MAT 8213

(n,n') α

82-Pb-200

Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

17

Incident Energy (MeV)

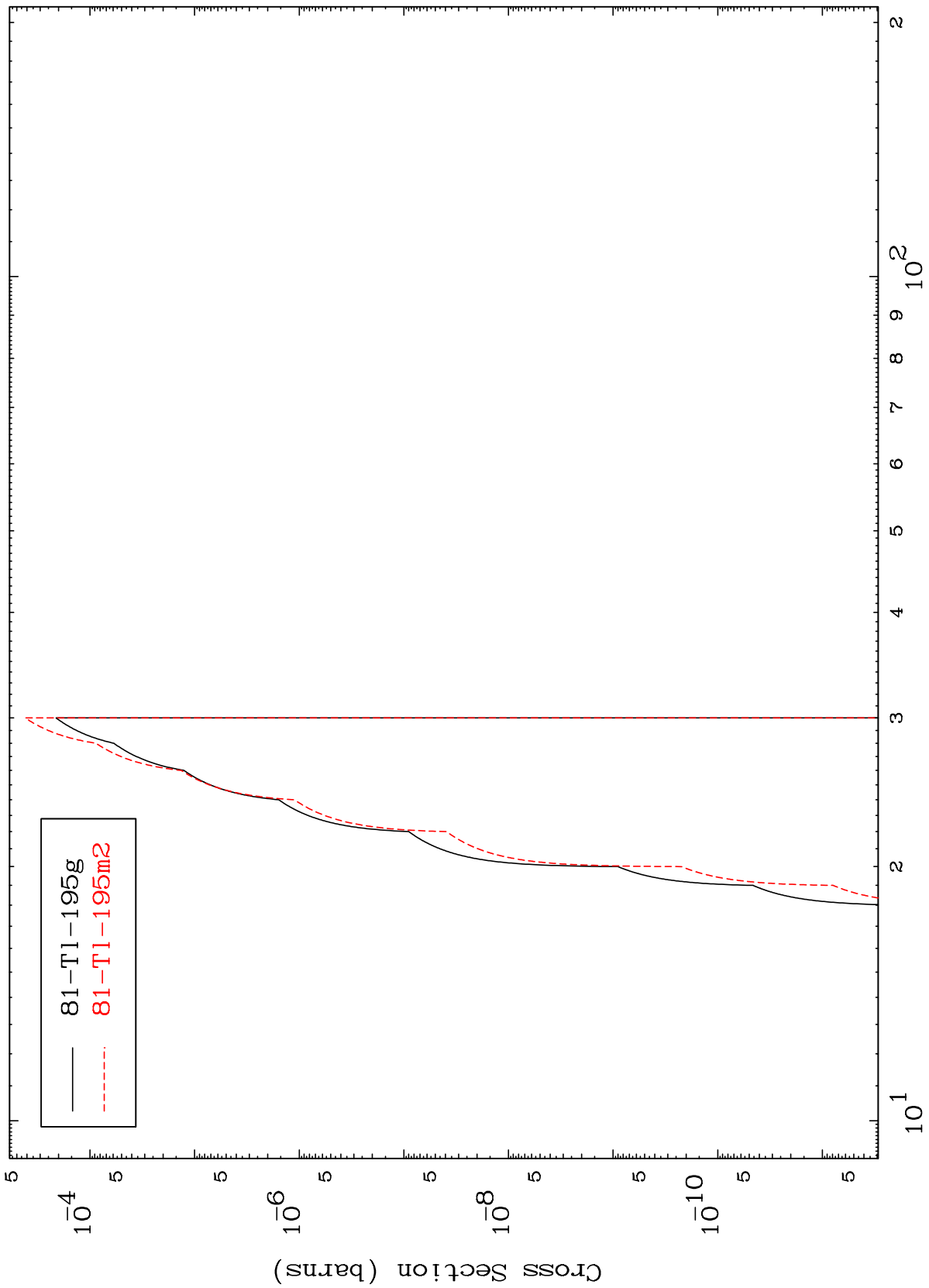
82-Pb-200

MAT 8213

$(n,2n) \alpha$

82-Pb-200

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

Incident Energy (MeV)

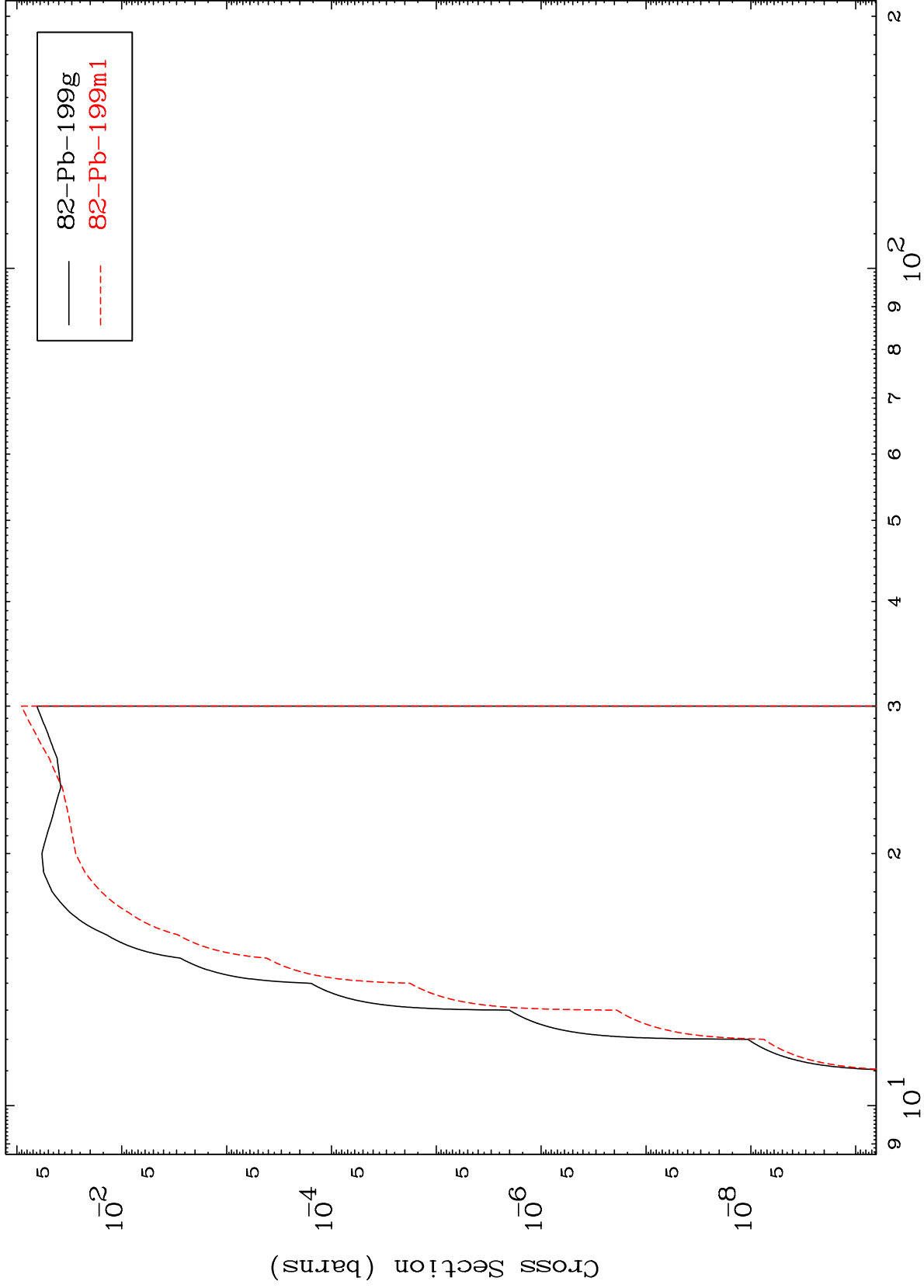
82-Pb-200

MAT 8213

(n,n') p

82-Pb-200

Radionuclide Production Cross Section



19

Incident Energy (MeV)

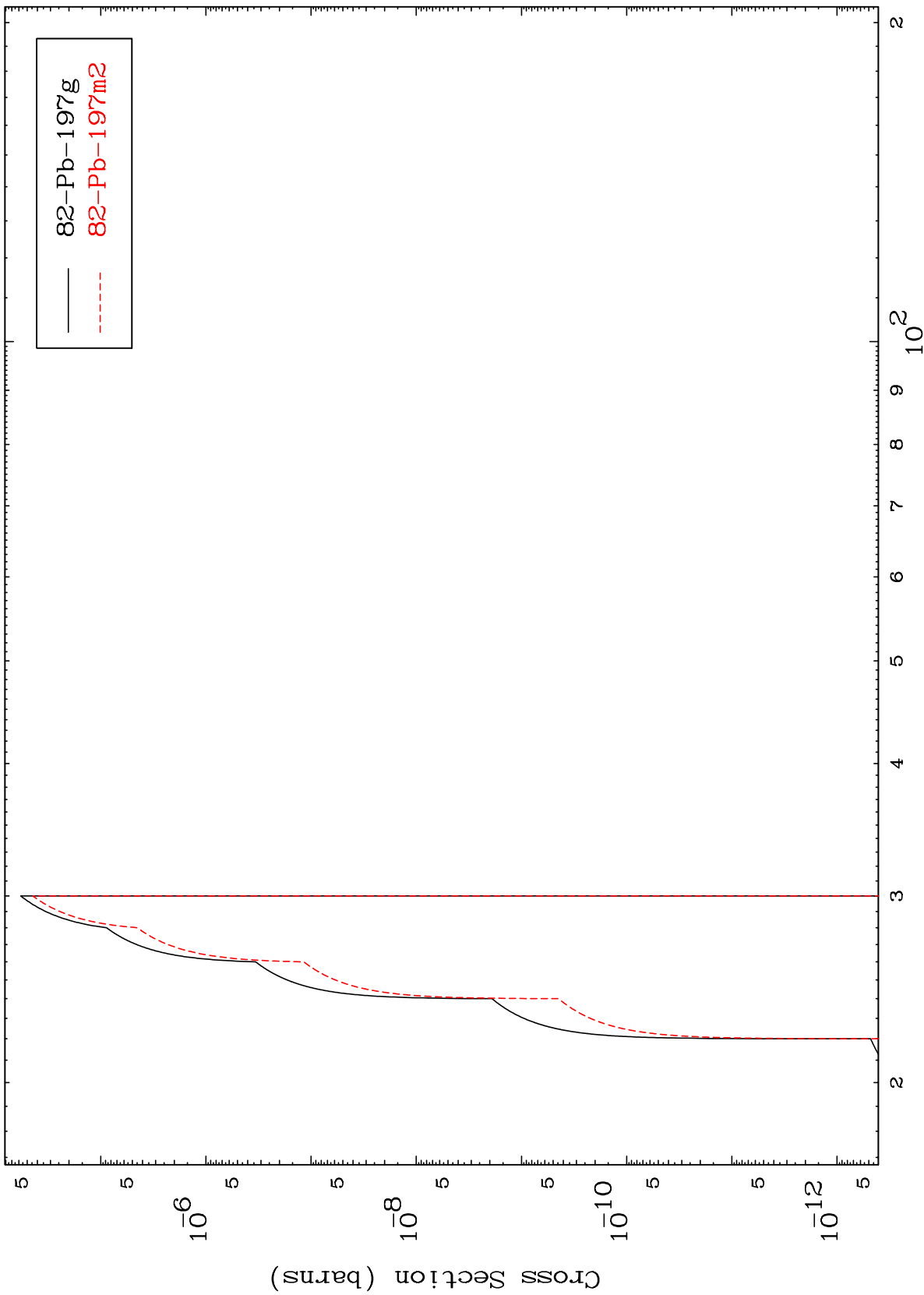
82-Pb-200

MAT 8213

(n,n') t

82-Pb-200

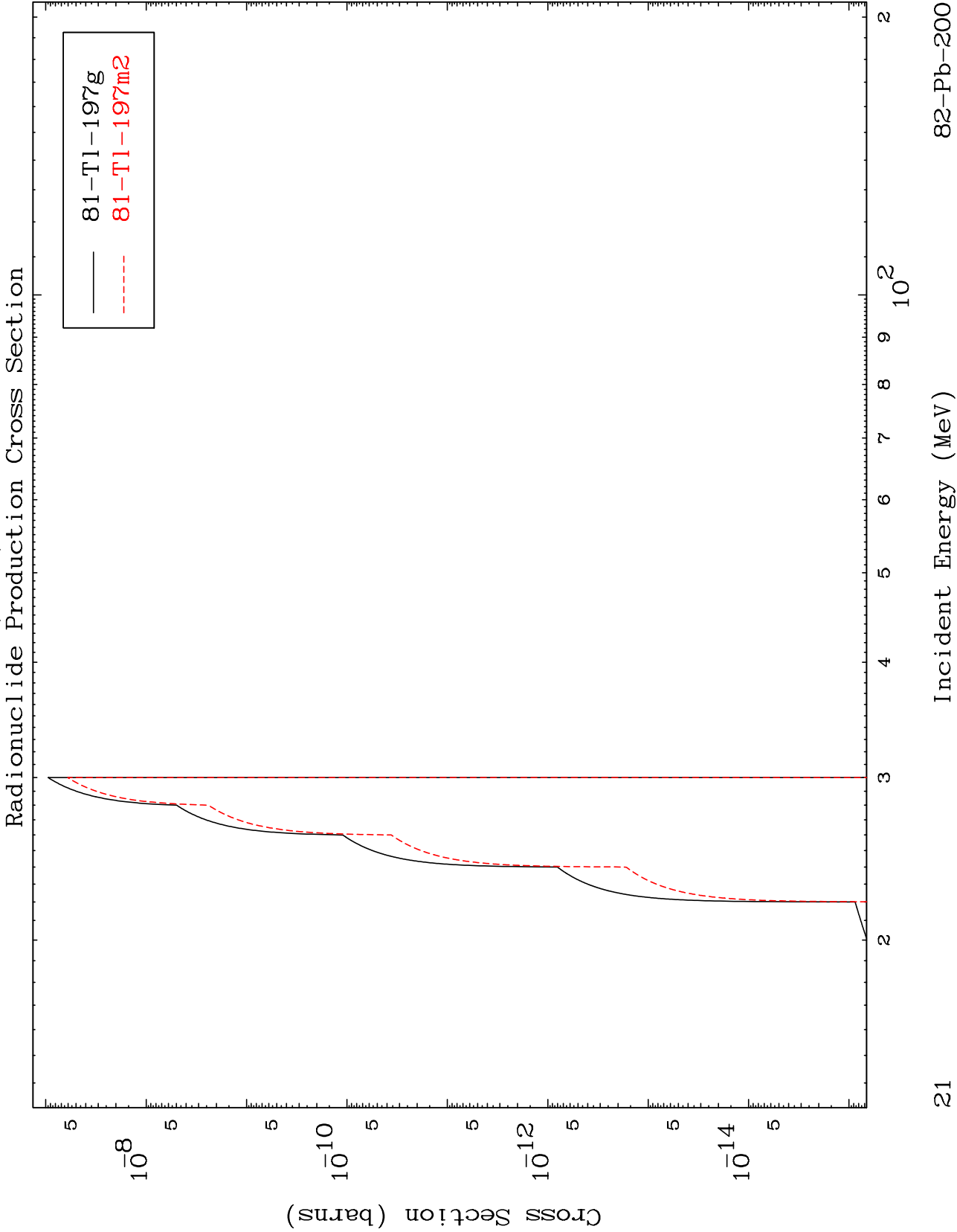
Radionuclide Production Cross Section



20

Incident Energy (MeV)

82-Pb-200

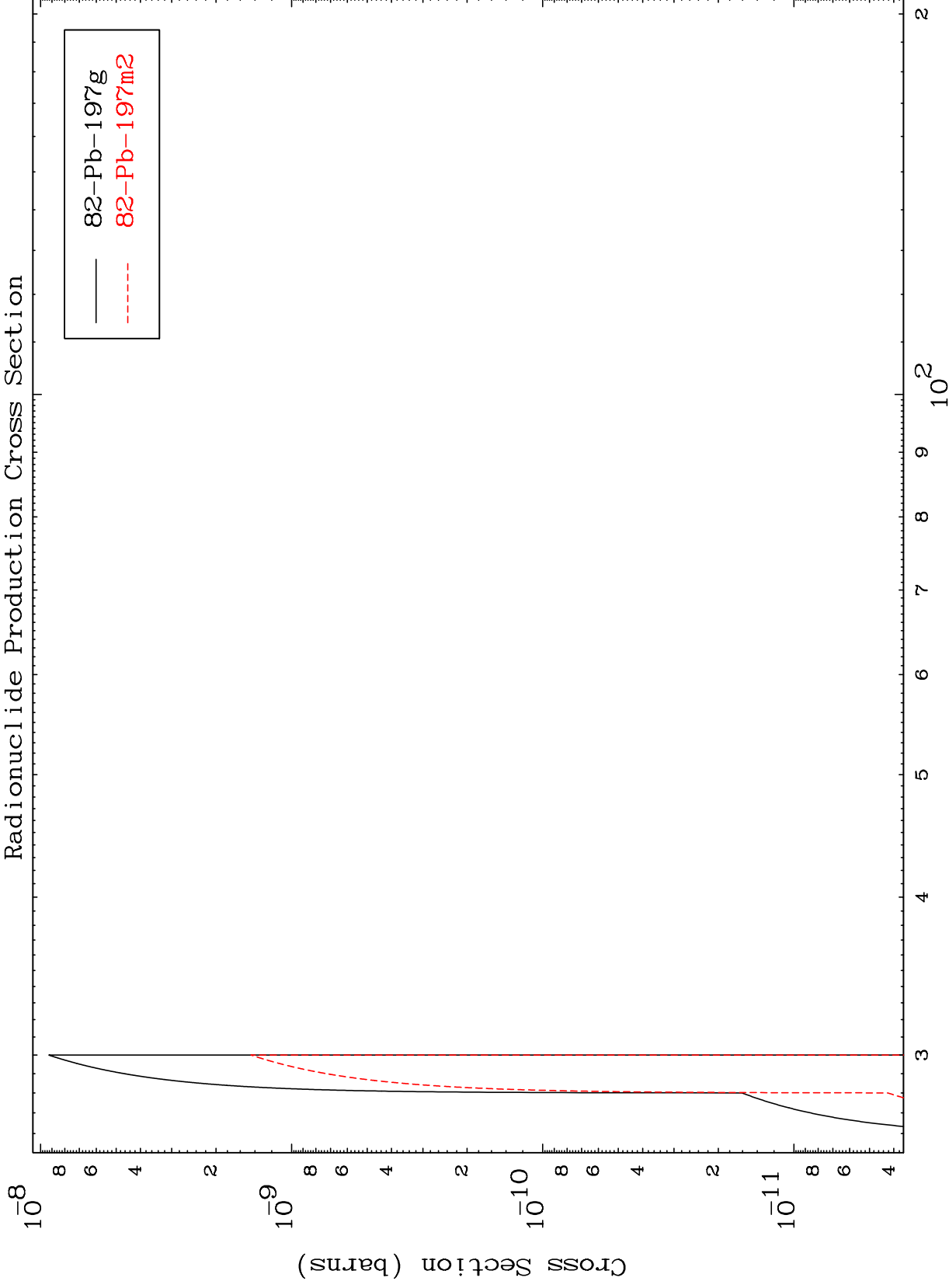


MAT 8213

(n,3n) p

82-Pb-200

Radionuclide Production Cross Section



22

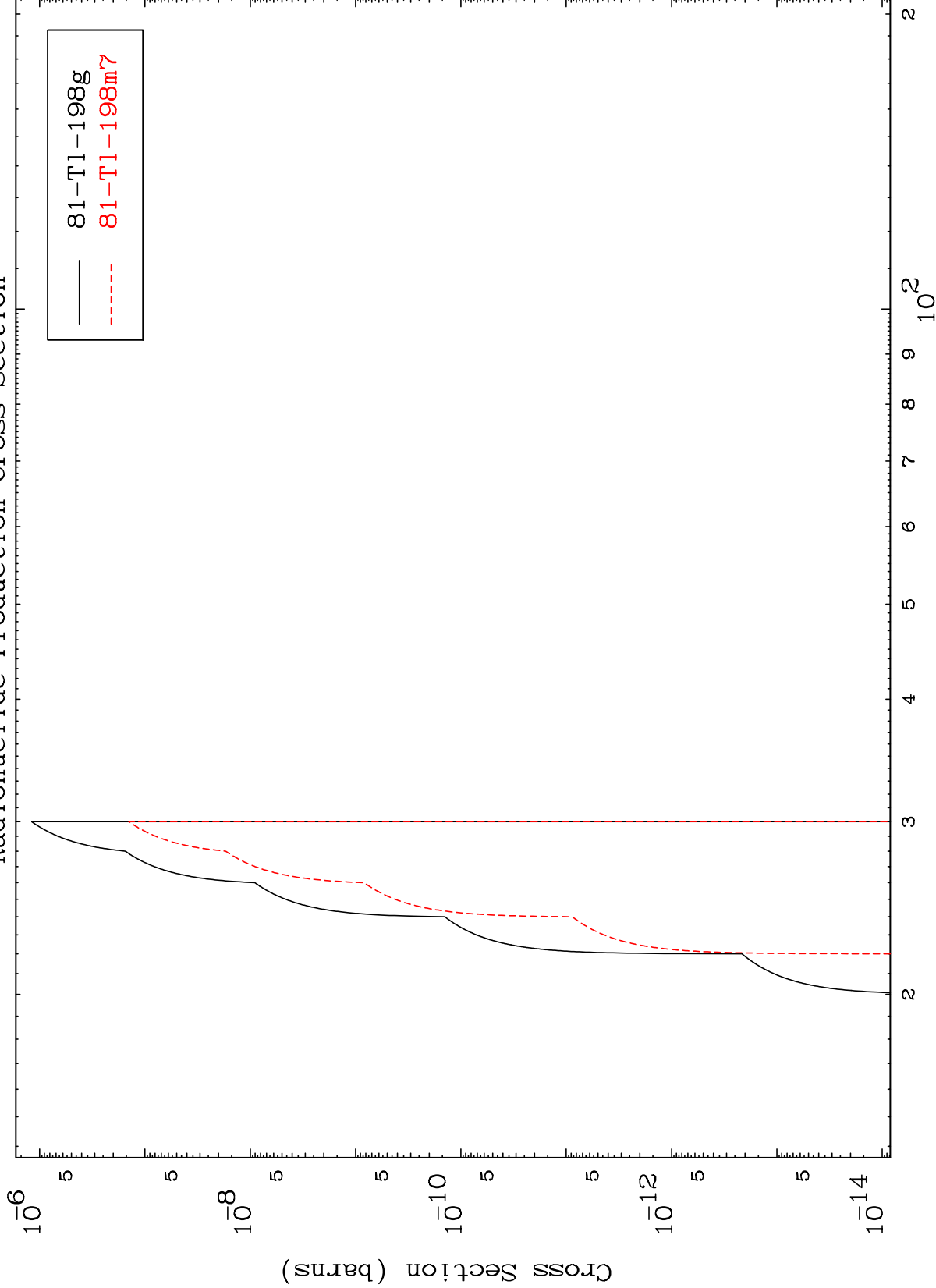
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

(n,2n) p
Radionuclide Production Cross Section



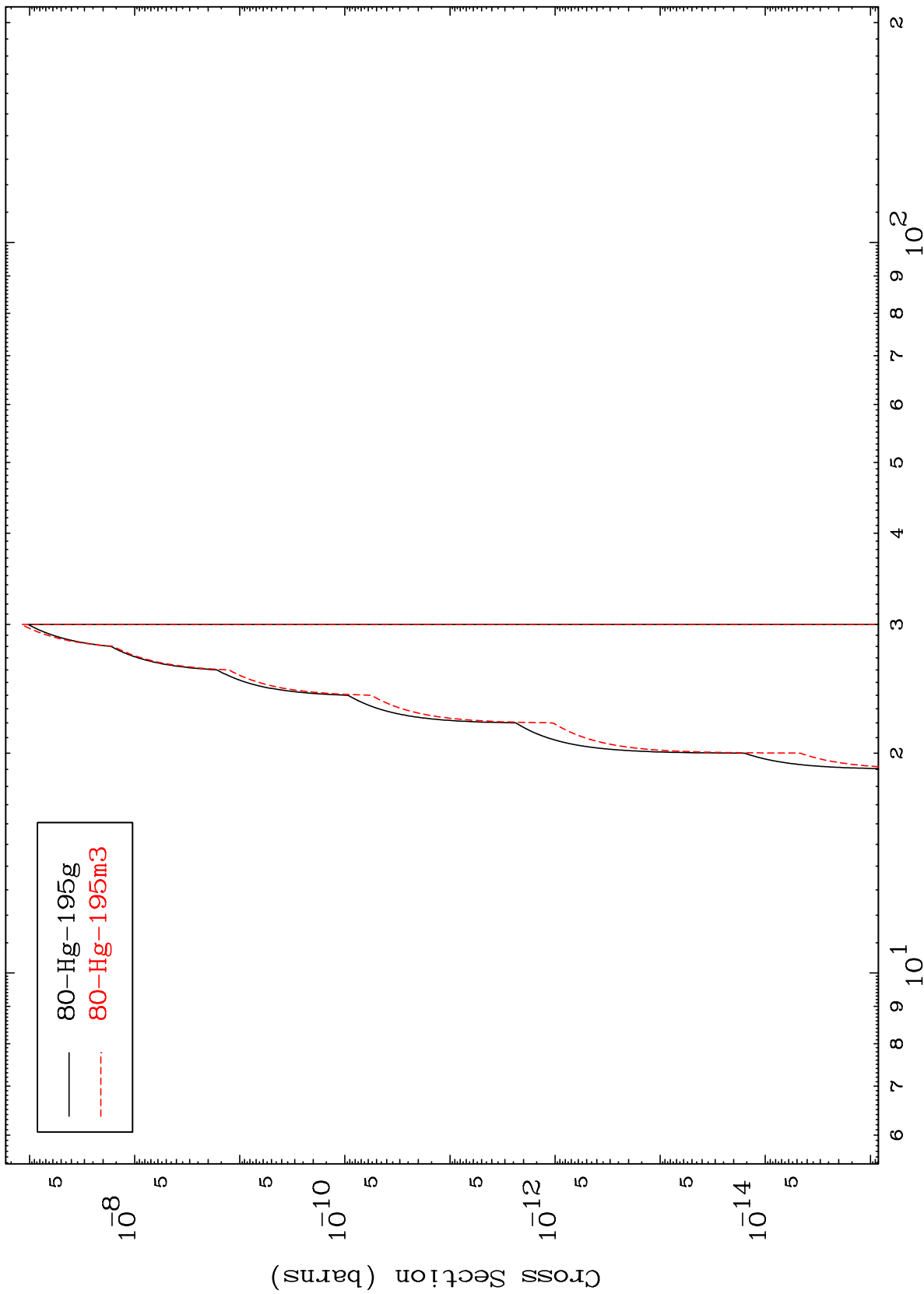
81-Tl-198g
81-Tl-198m7

MAT 8213

(n,n') p α

82-Pb-200

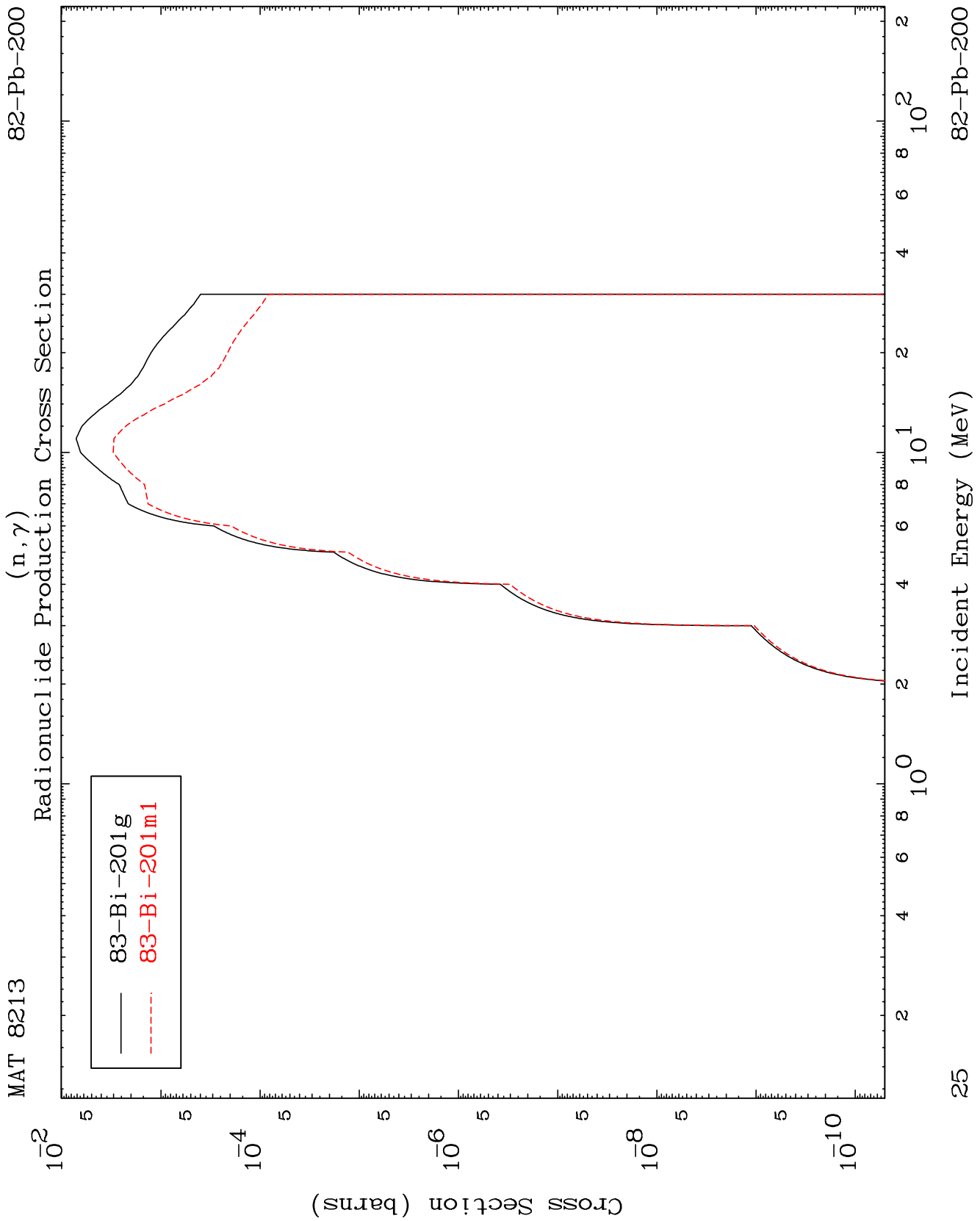
Radionuclide Production Cross Section



24

Incident Energy (MeV)

82-Pb-200

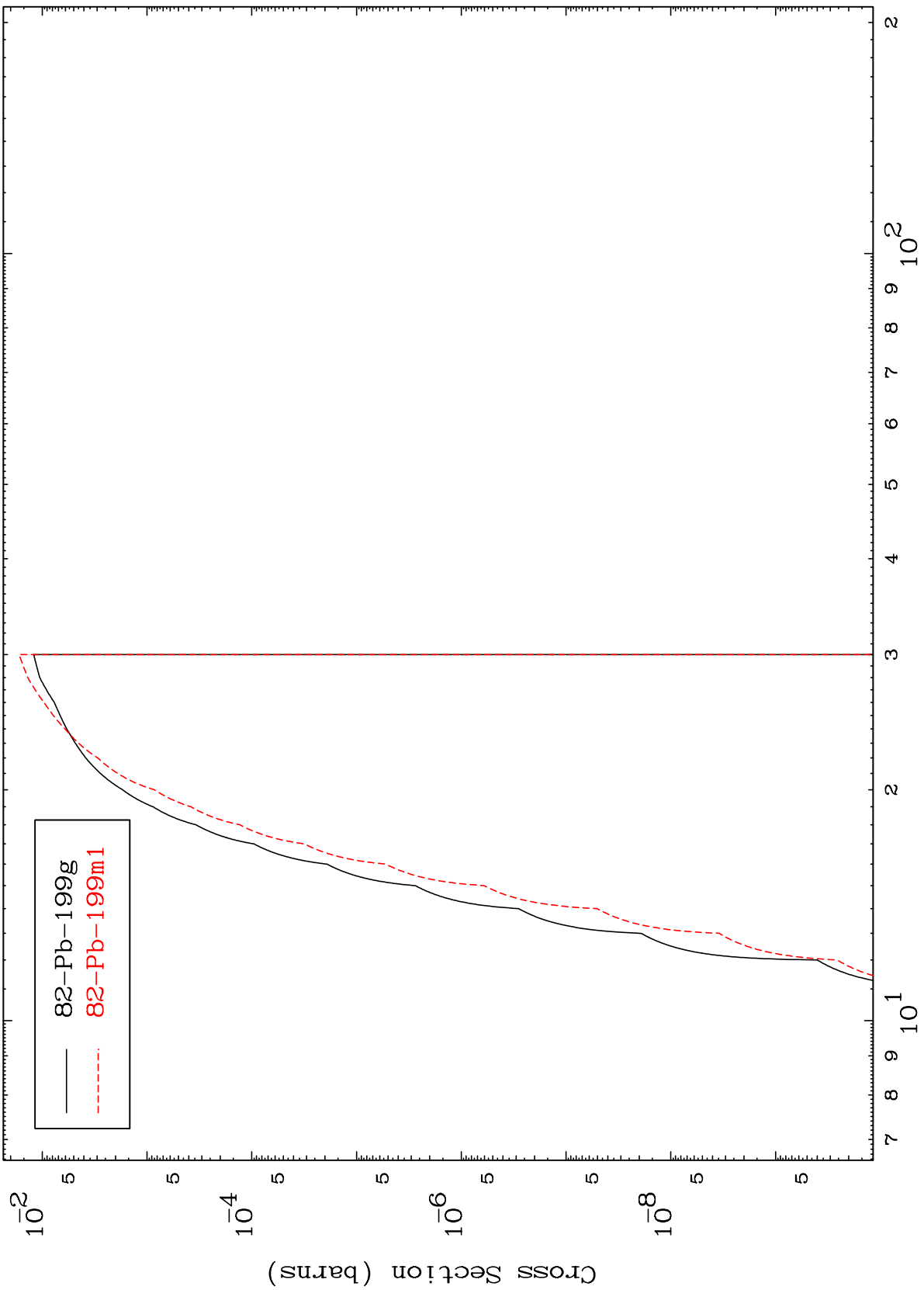


MAT 8213

(n,d)

82-Pb-200

Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

26

Incident Energy (MeV)

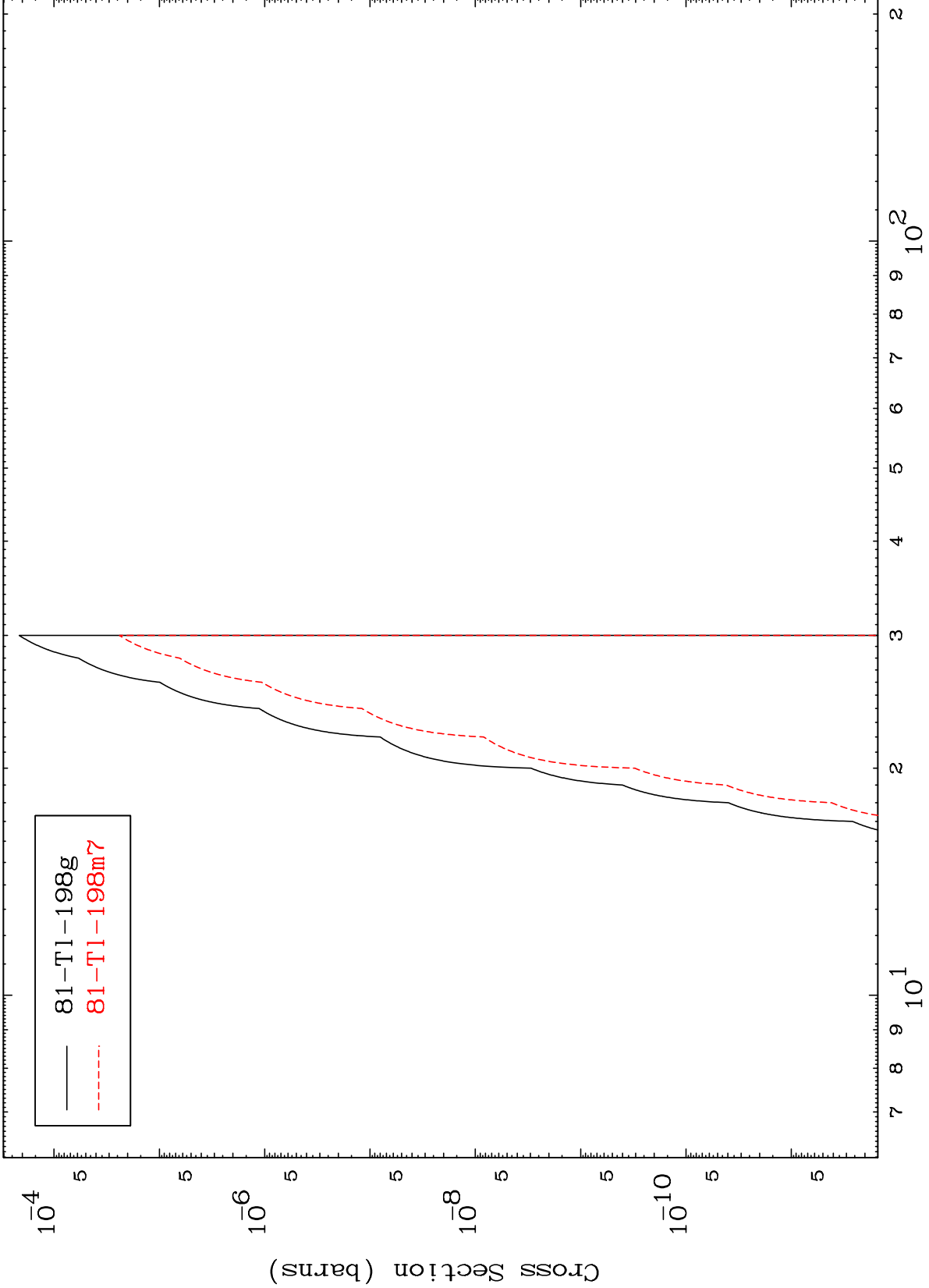
82-Pb-200

MAT 8213

(n,He-3)

82-Pb-200

Radionuclide Production Cross Section



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

27

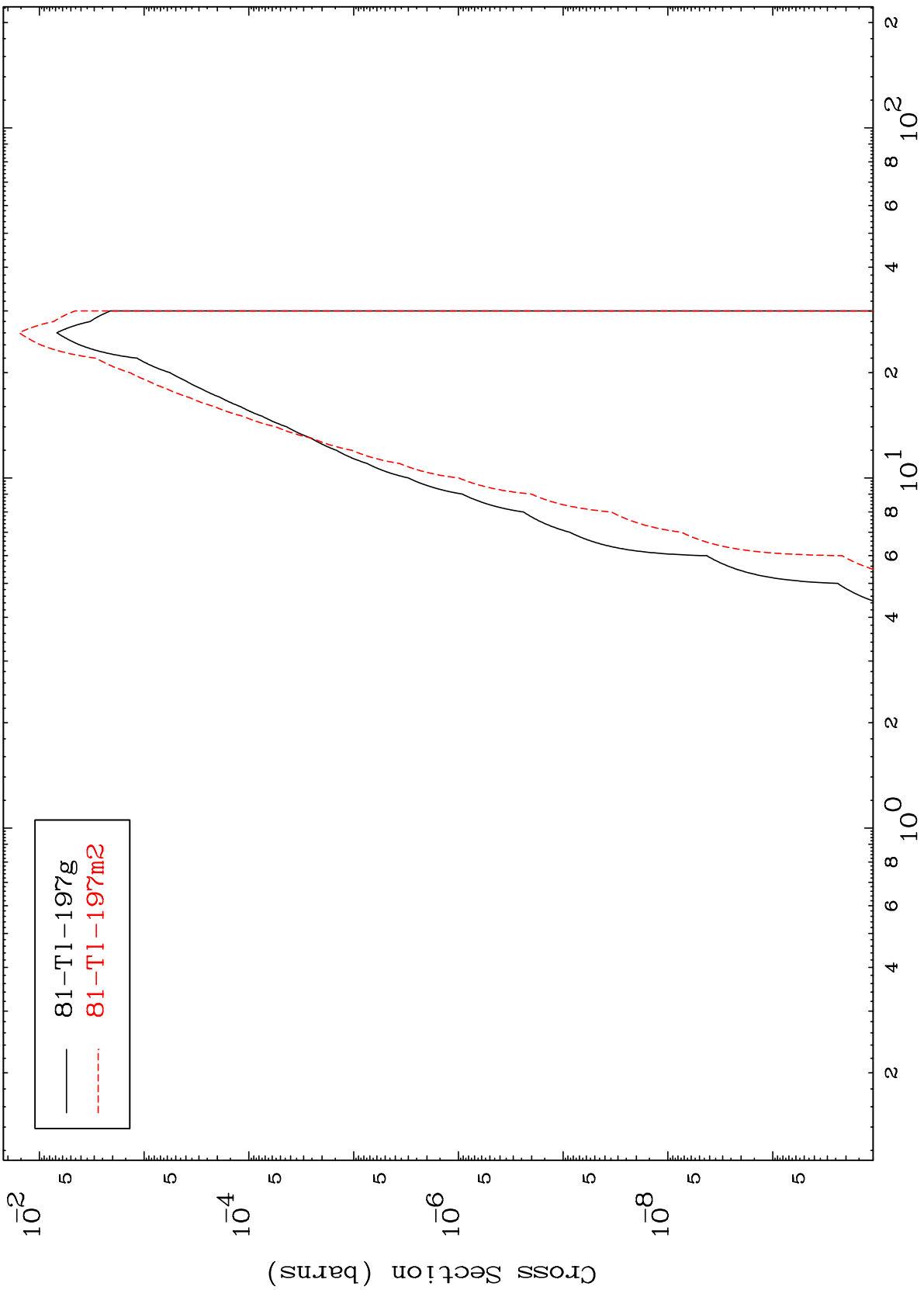
Incident Energy (MeV)

82-Pb-200

MAT 8213

82-Pb-200

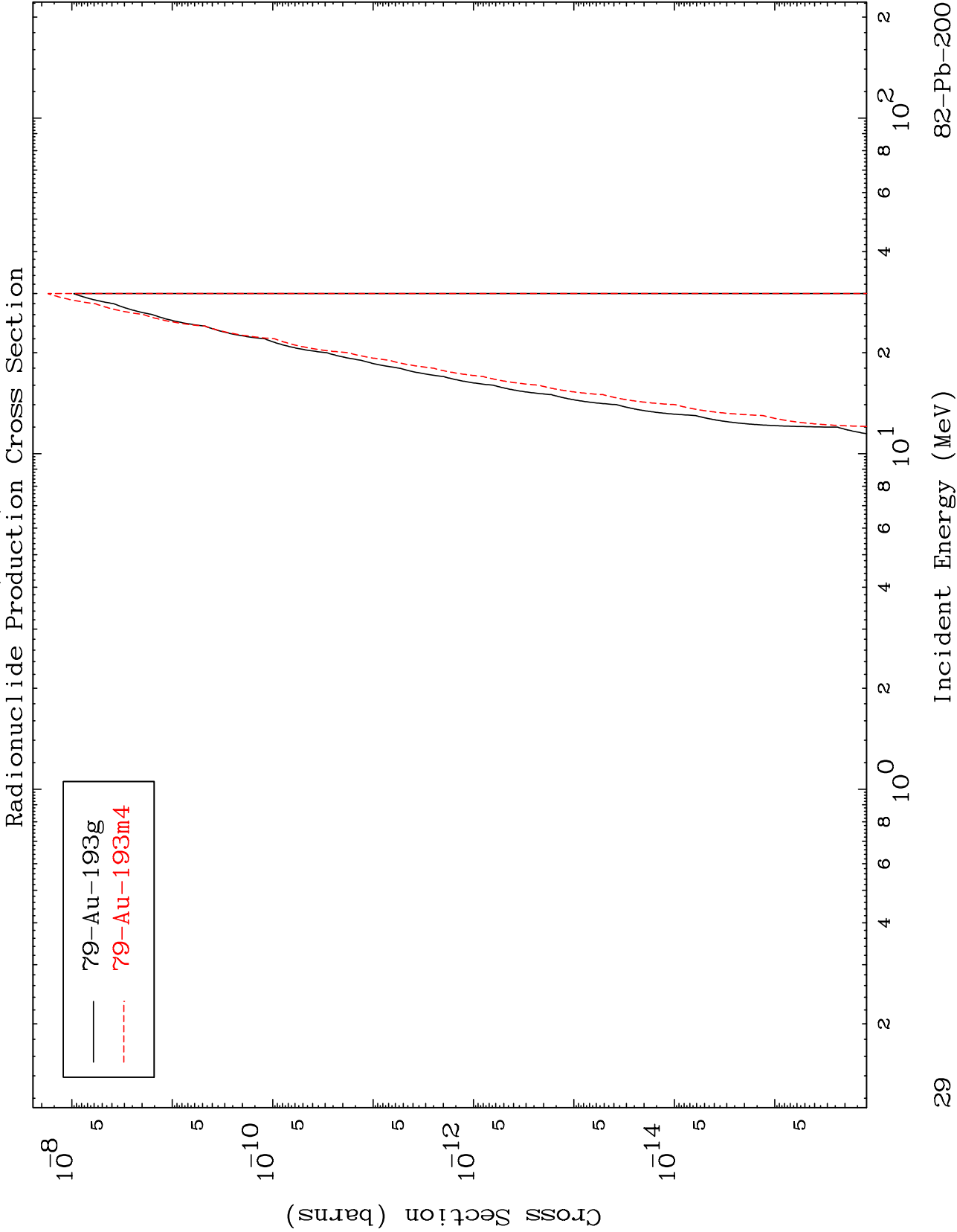
Radionuclide Production Cross Section
(n, α)



MAT 8213

(n,2α)

82-Pb-200

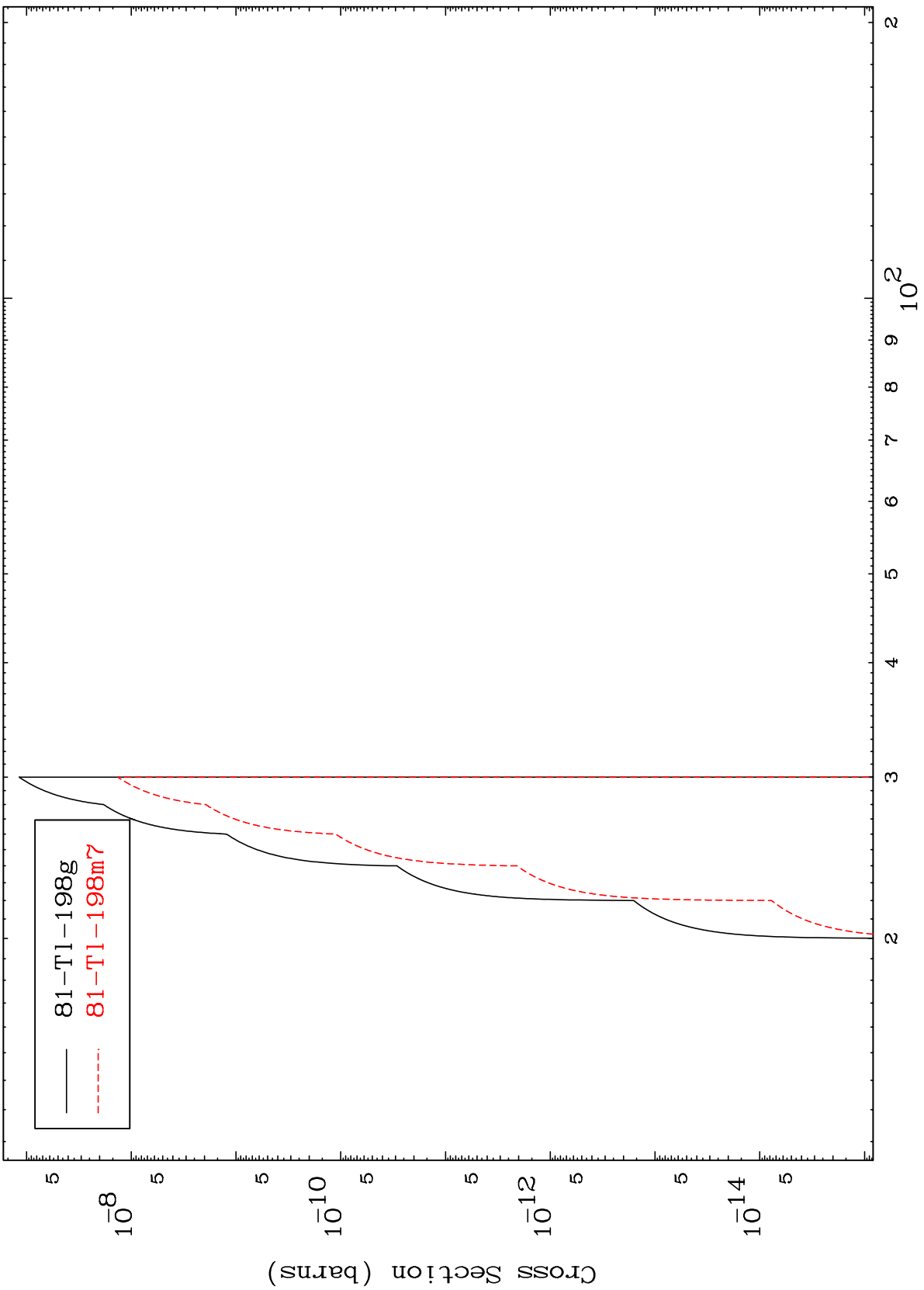


MAT 8213

(n,p) d

82-Pb-200

Radionuclide Production Cross Section



30

Incident Energy (MeV)

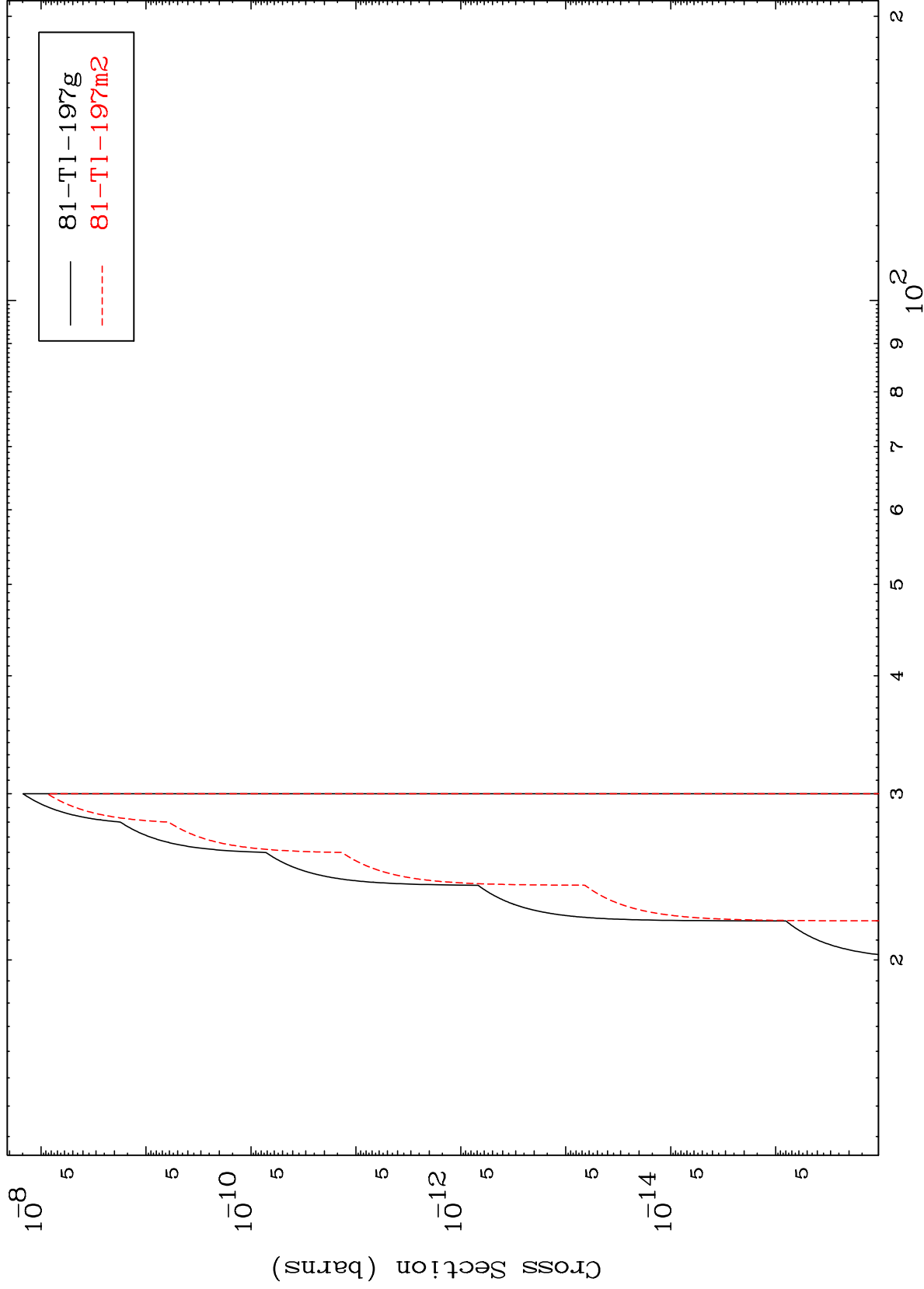
82-Pb-200

MAT 8213

(n,p) t

82-Pb-200

Radionuclide Production Cross Section



31

Incident Energy (MeV)

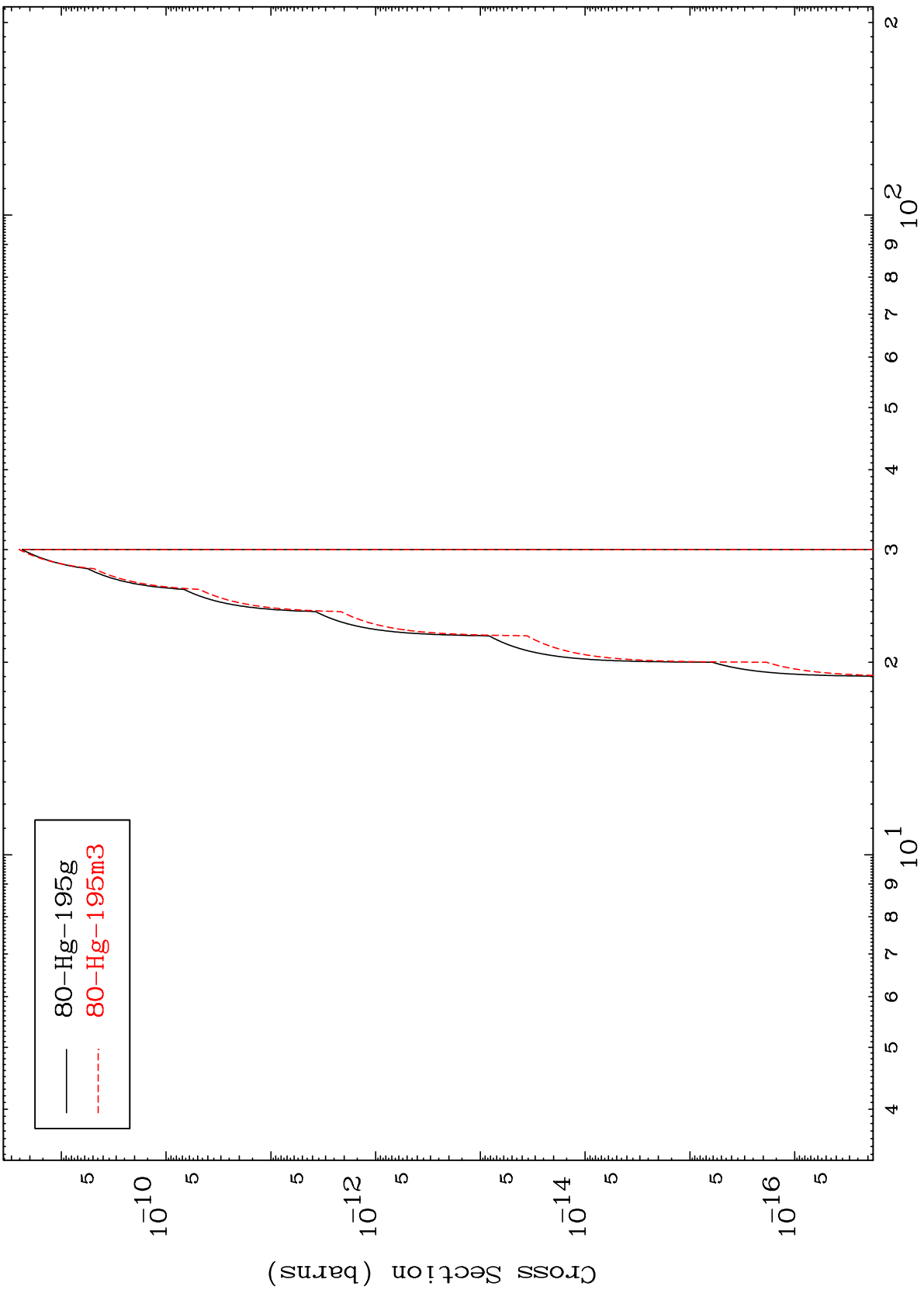
82-Pb-200

MAT 8213

(n,d) α

82-Pb-200

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-200