

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

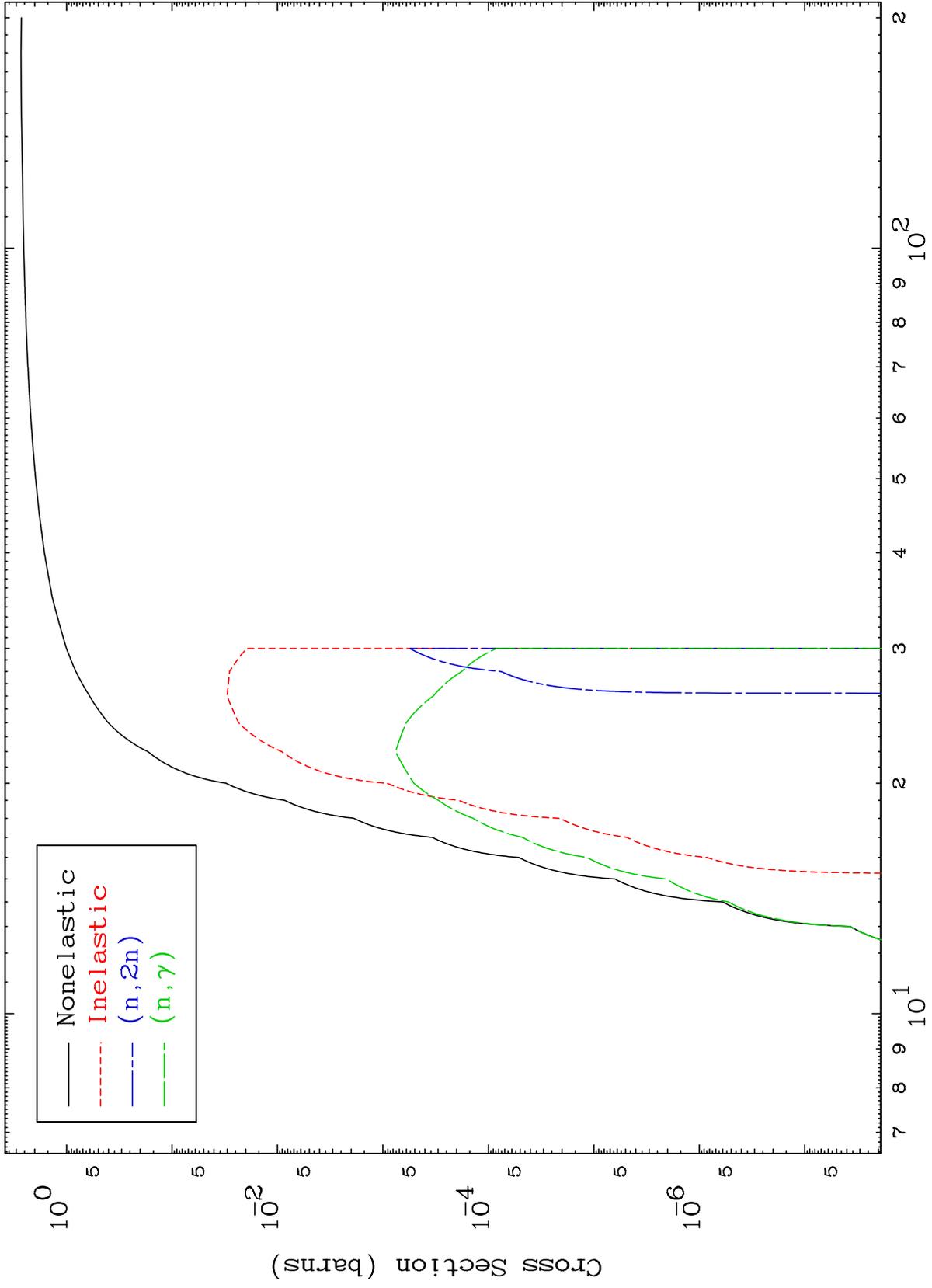
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8186

0 Kelvin
 α Major Cross Sections

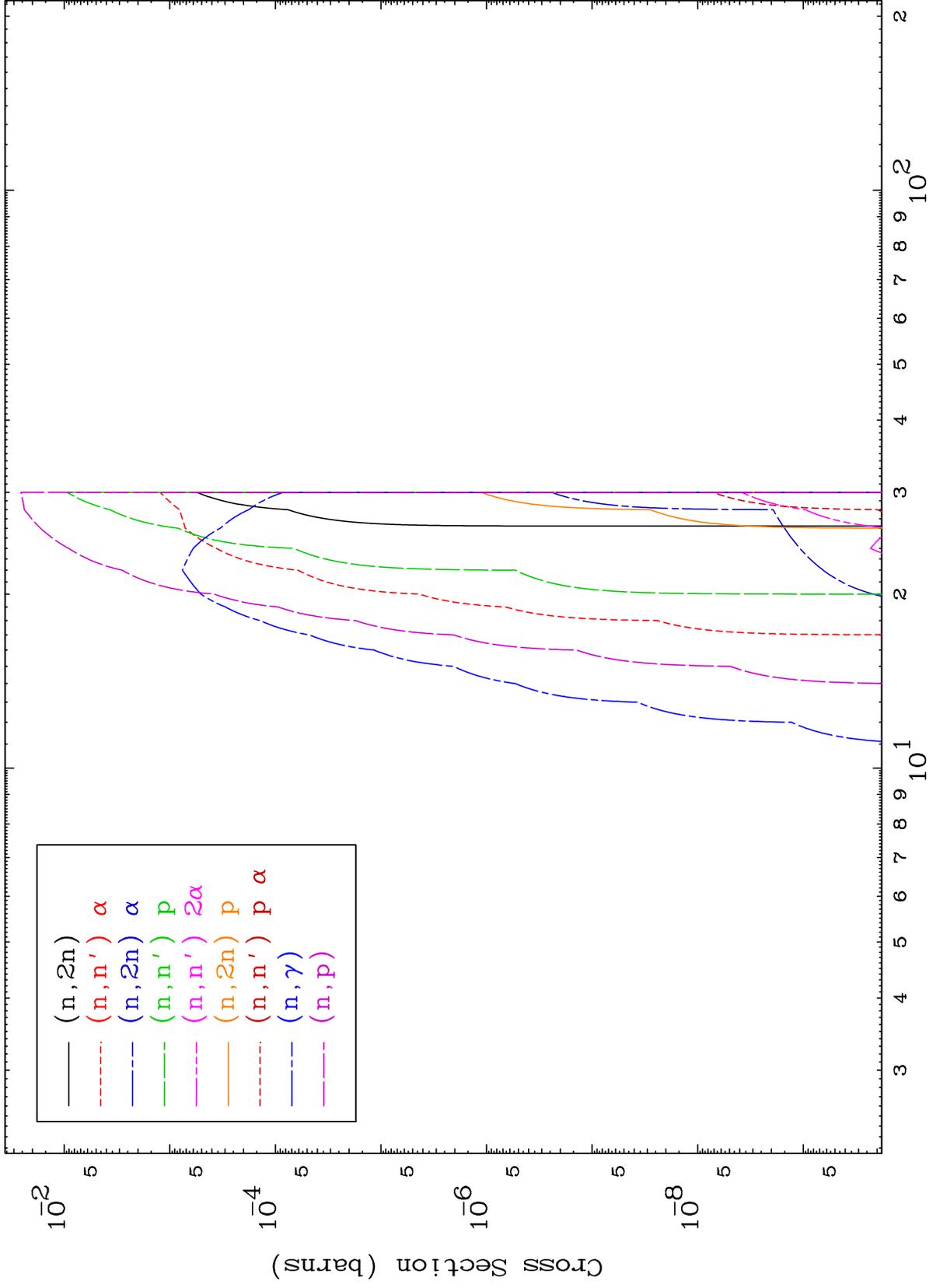
82-Pb-191

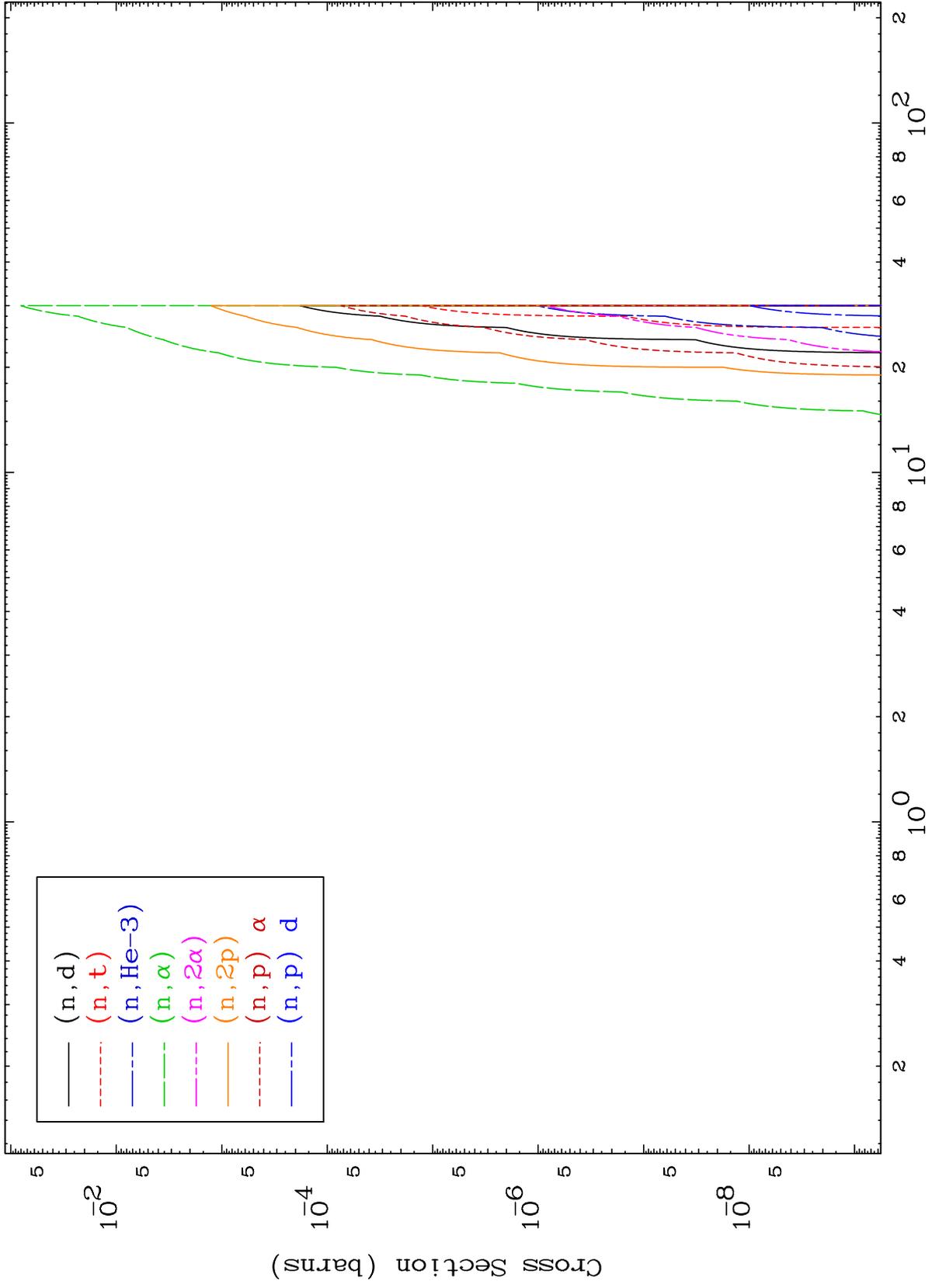


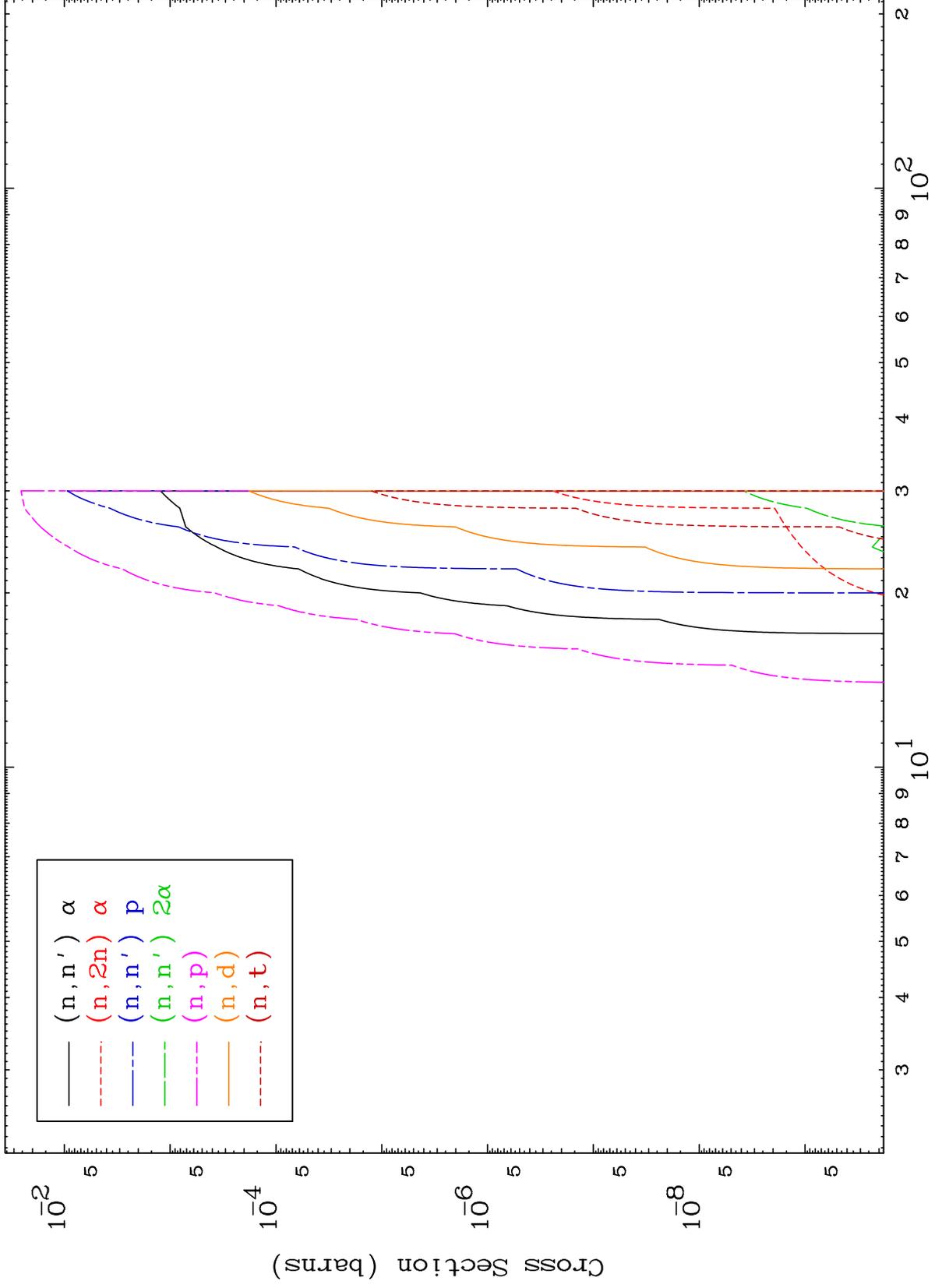
1

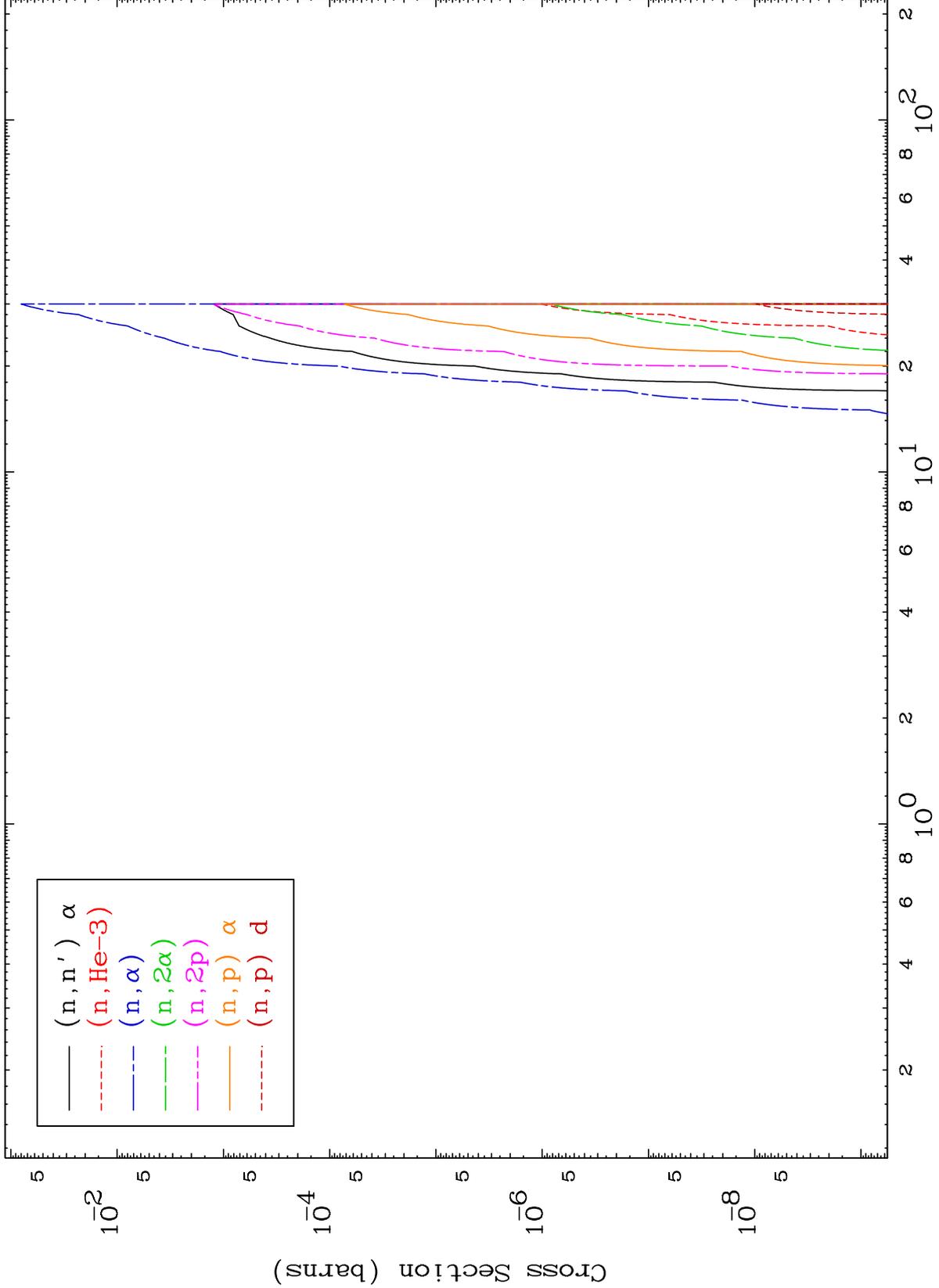
Incident Energy (MeV)

82-Pb-191





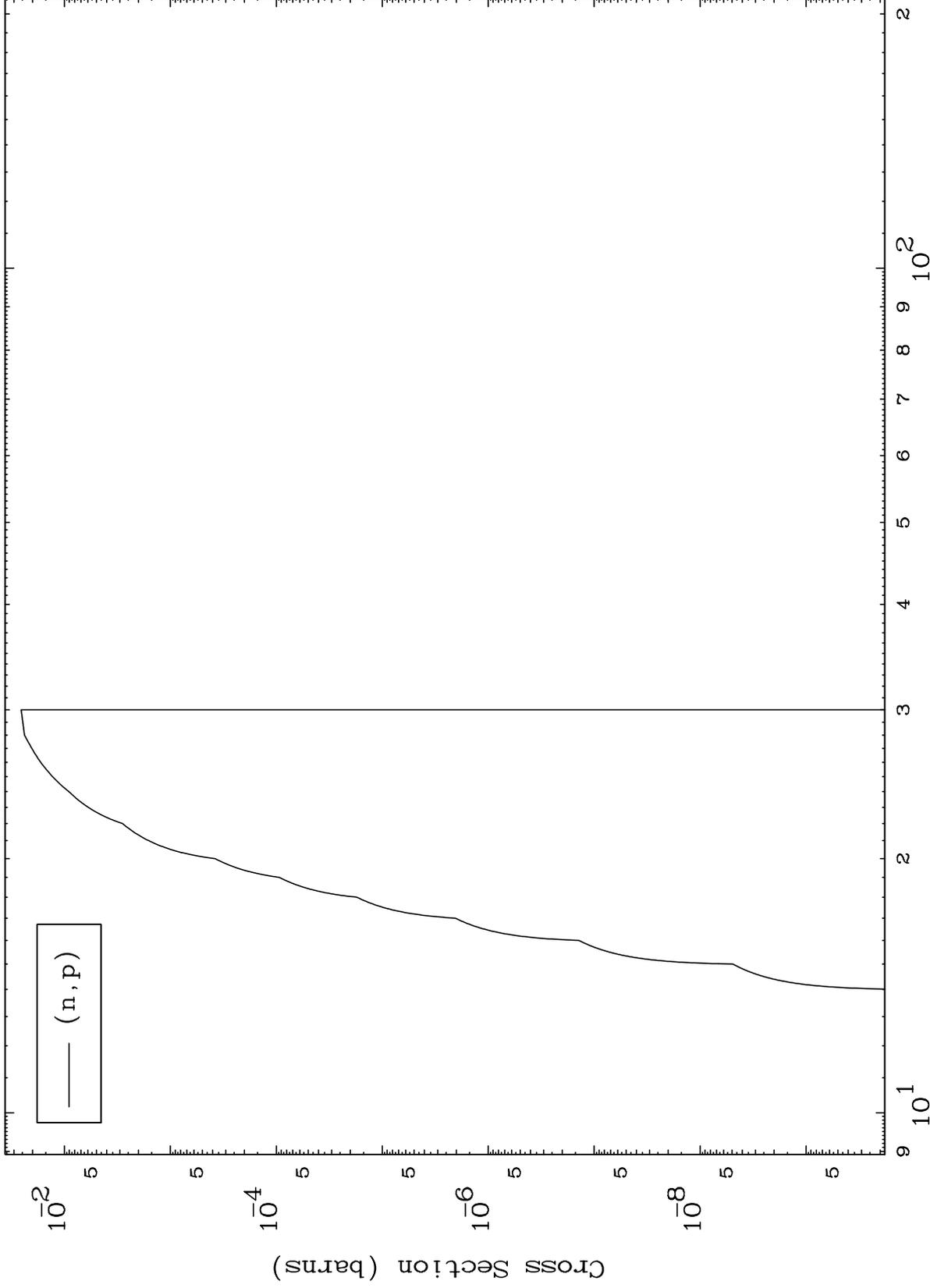




MAT 8186

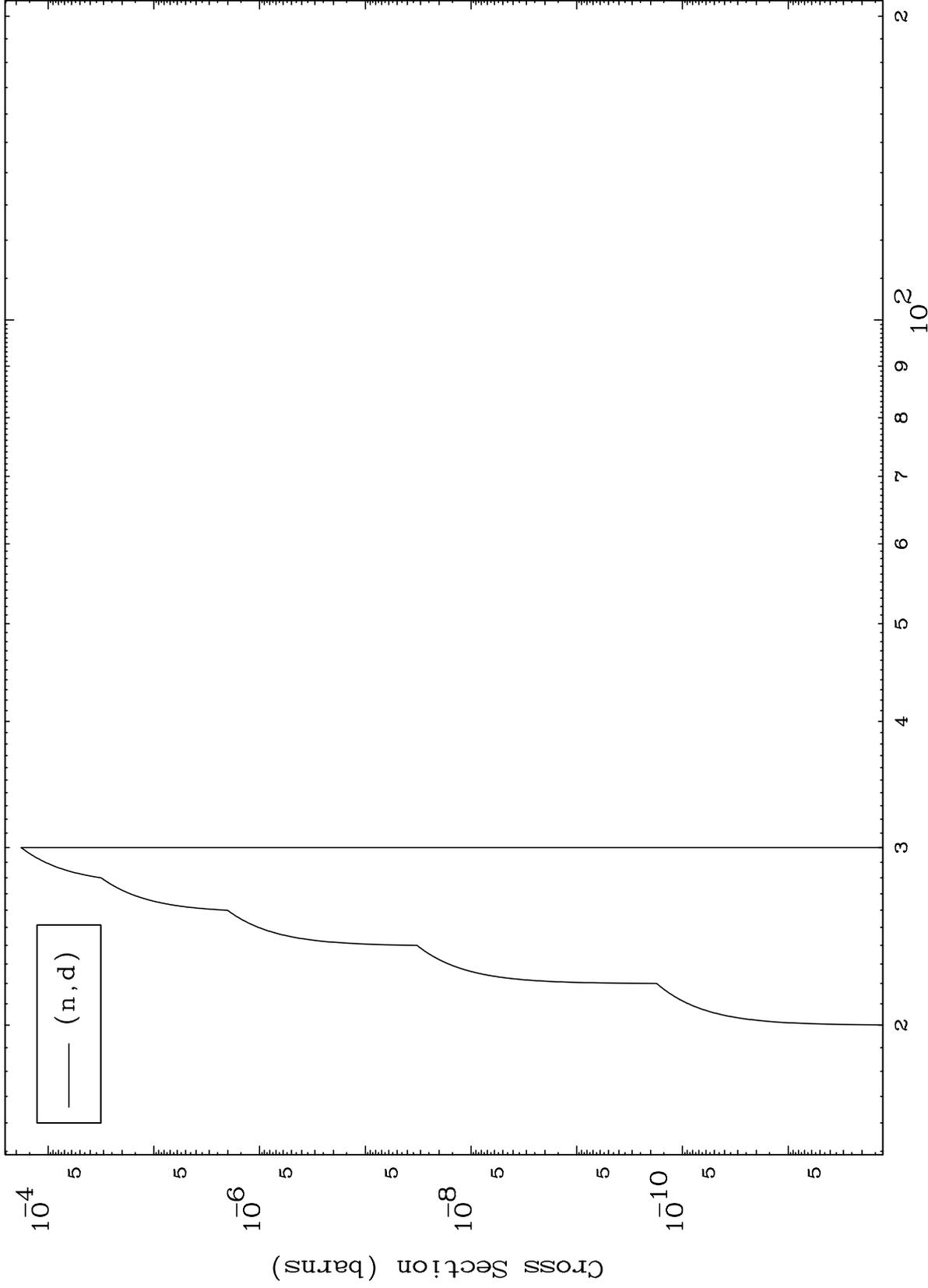
(α, p) Levels
0 Kelvin Cross Sections

82-Pb-191



Incident Energy (MeV)

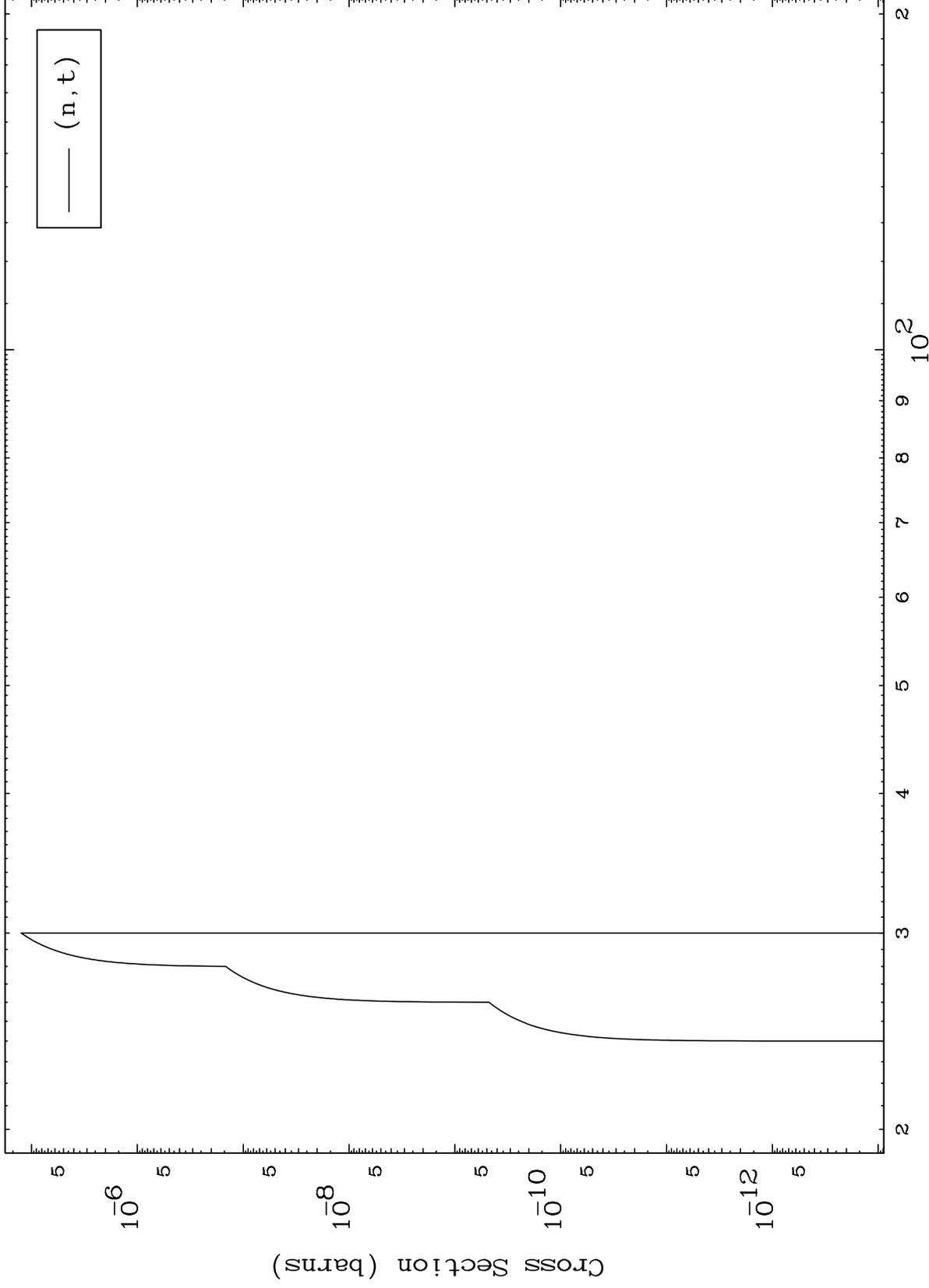
82-Pb-191



MAT 8186

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-191

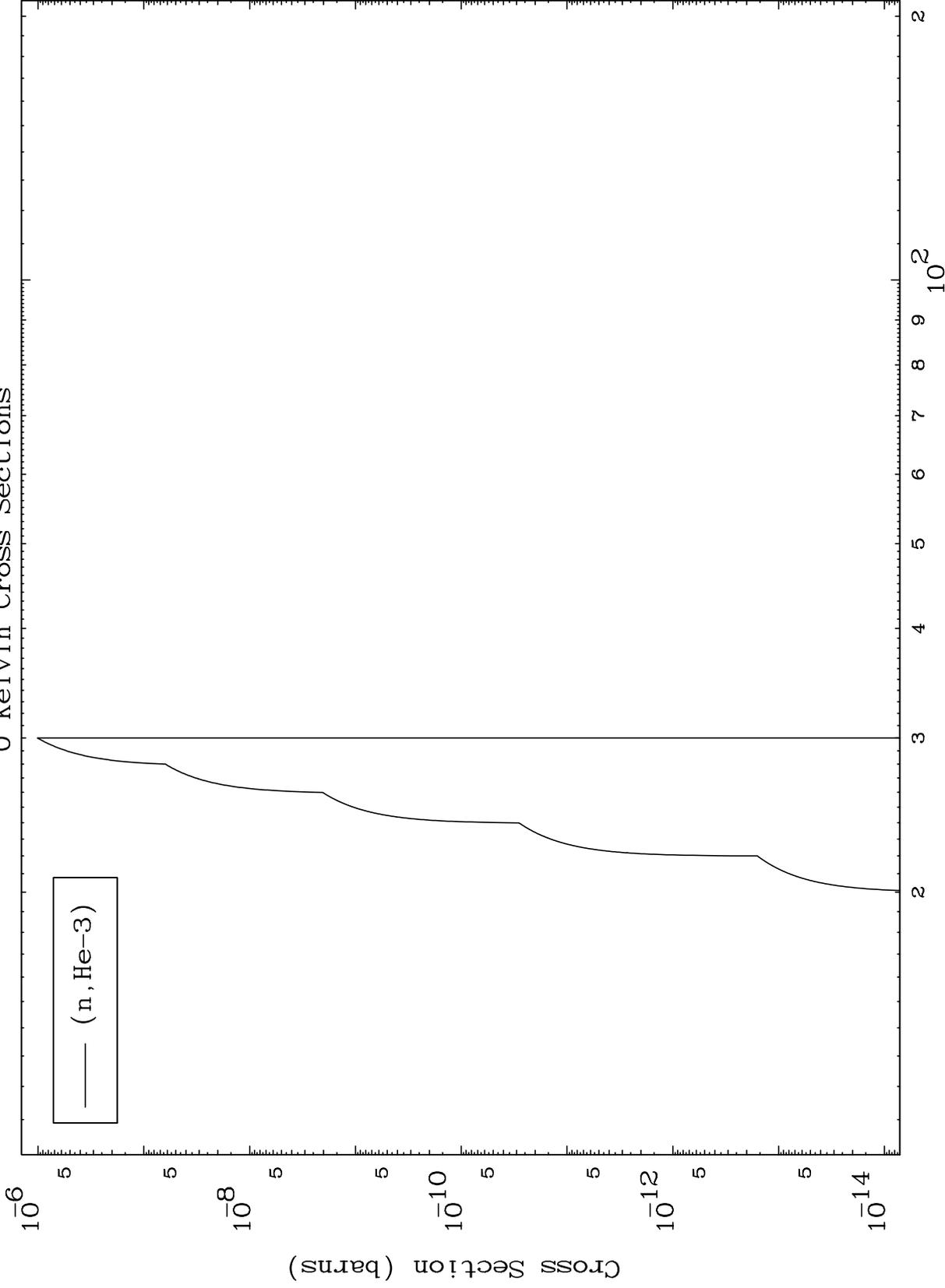


8

Incident Energy (MeV)

82-Pb-191

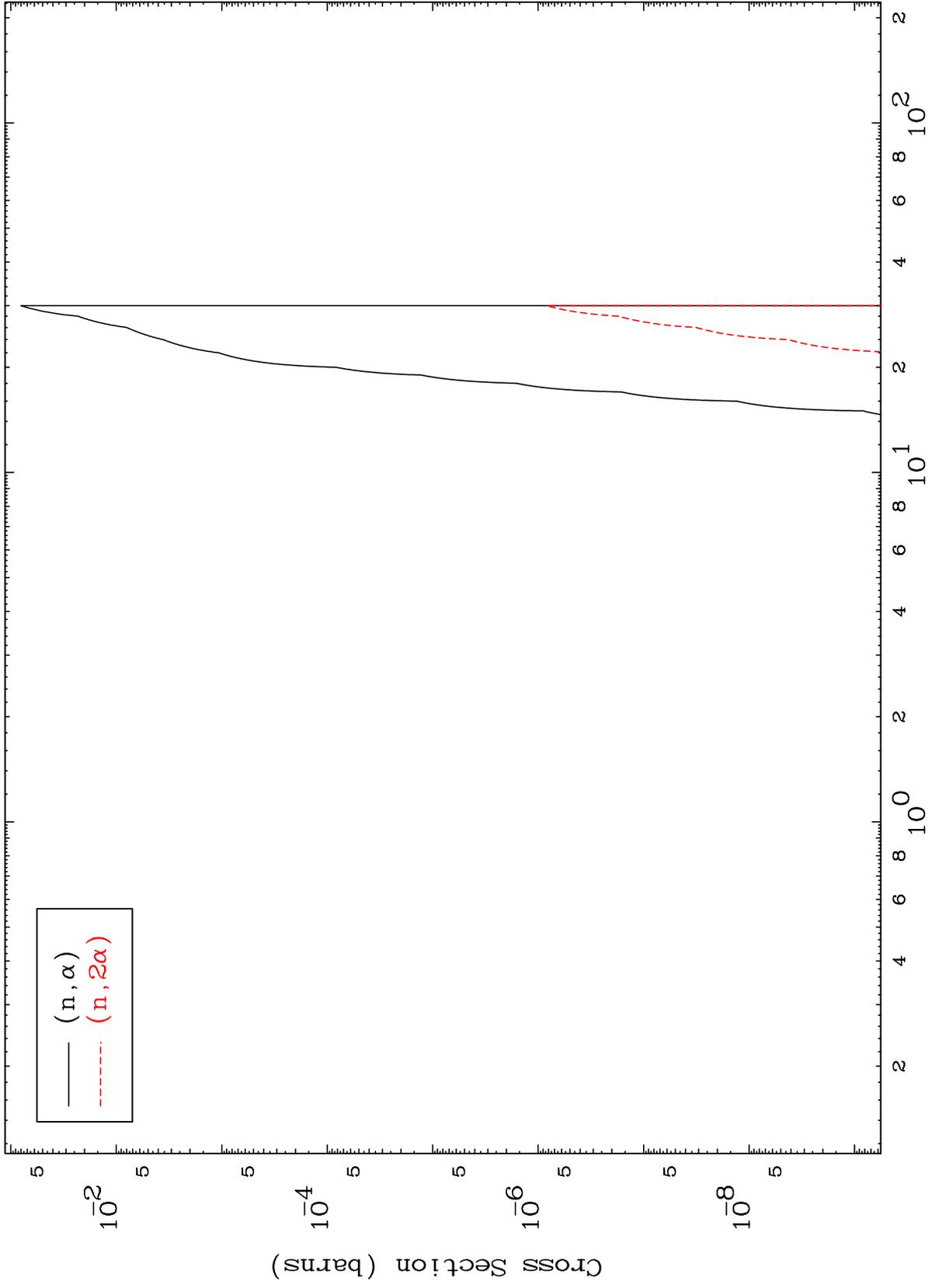
($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



MAT 8186

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-191



10

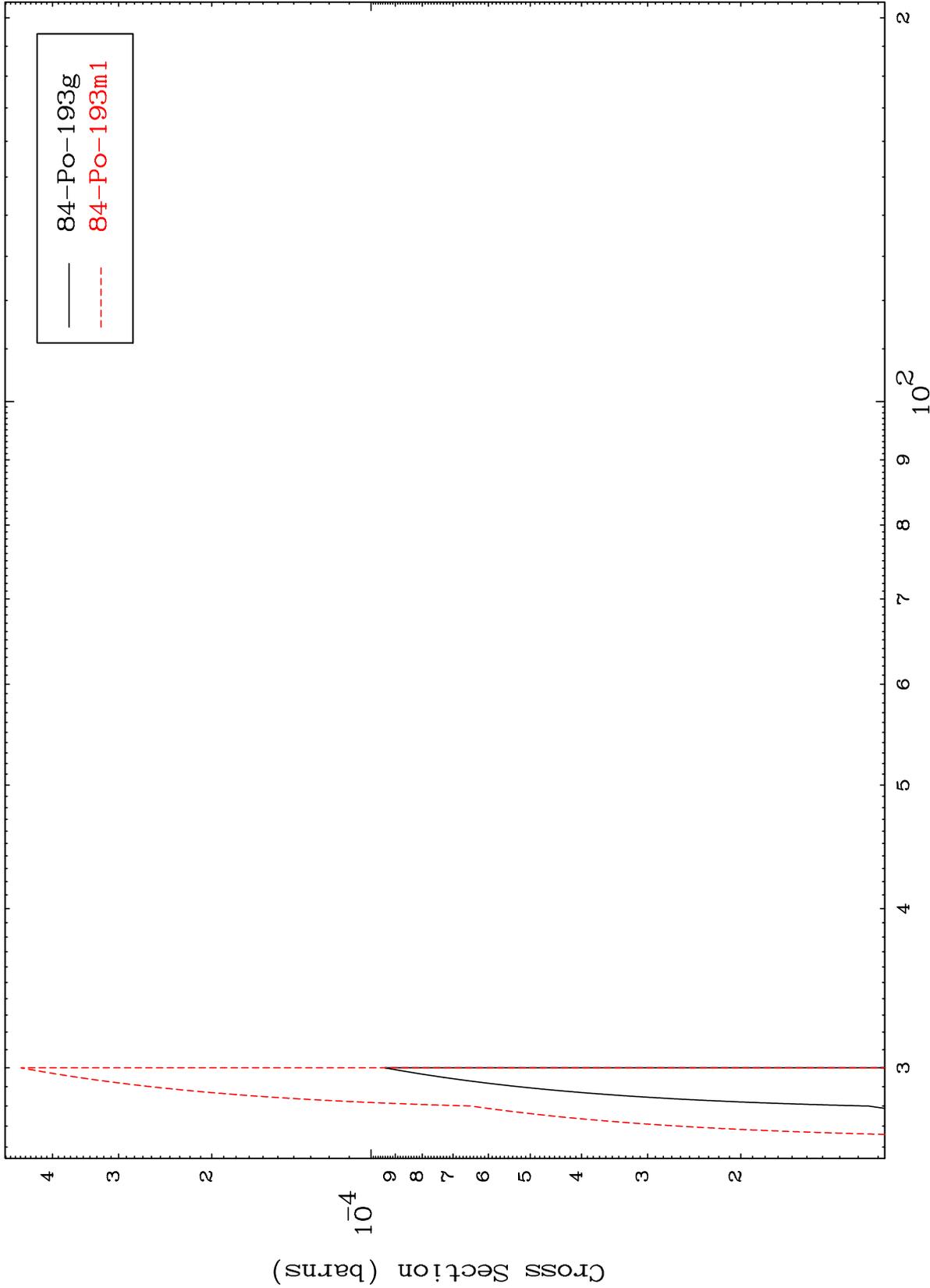
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(n,2n)
Radionuclide Production Cross Section



84-Po-193g
84-Po-193m1

82-Pb-191

Incident Energy (MeV)

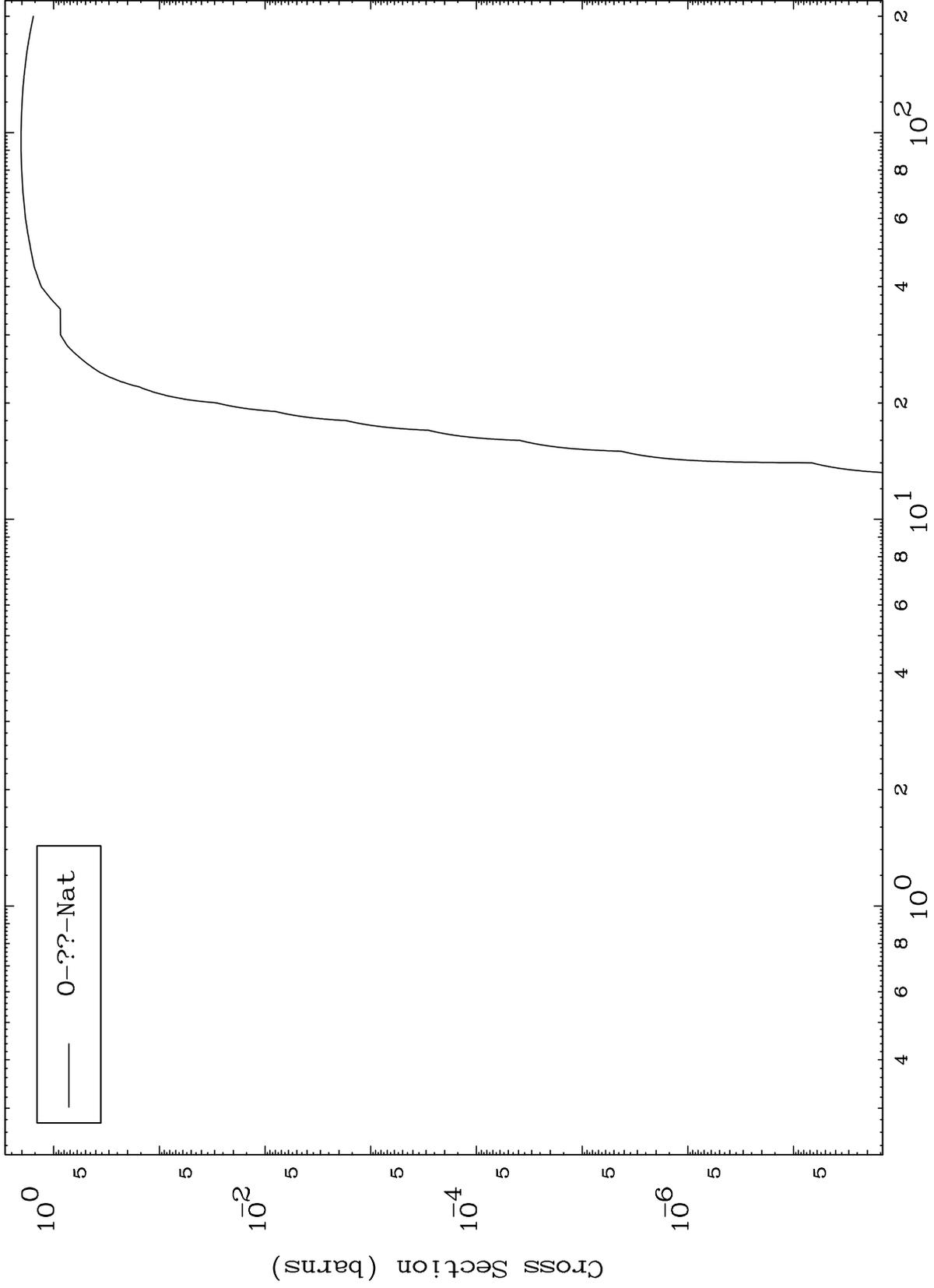
11

MAT 8186

Fission

82-Pb-191

Radionuclide Production Cross Section



12

Incident Energy (MeV)

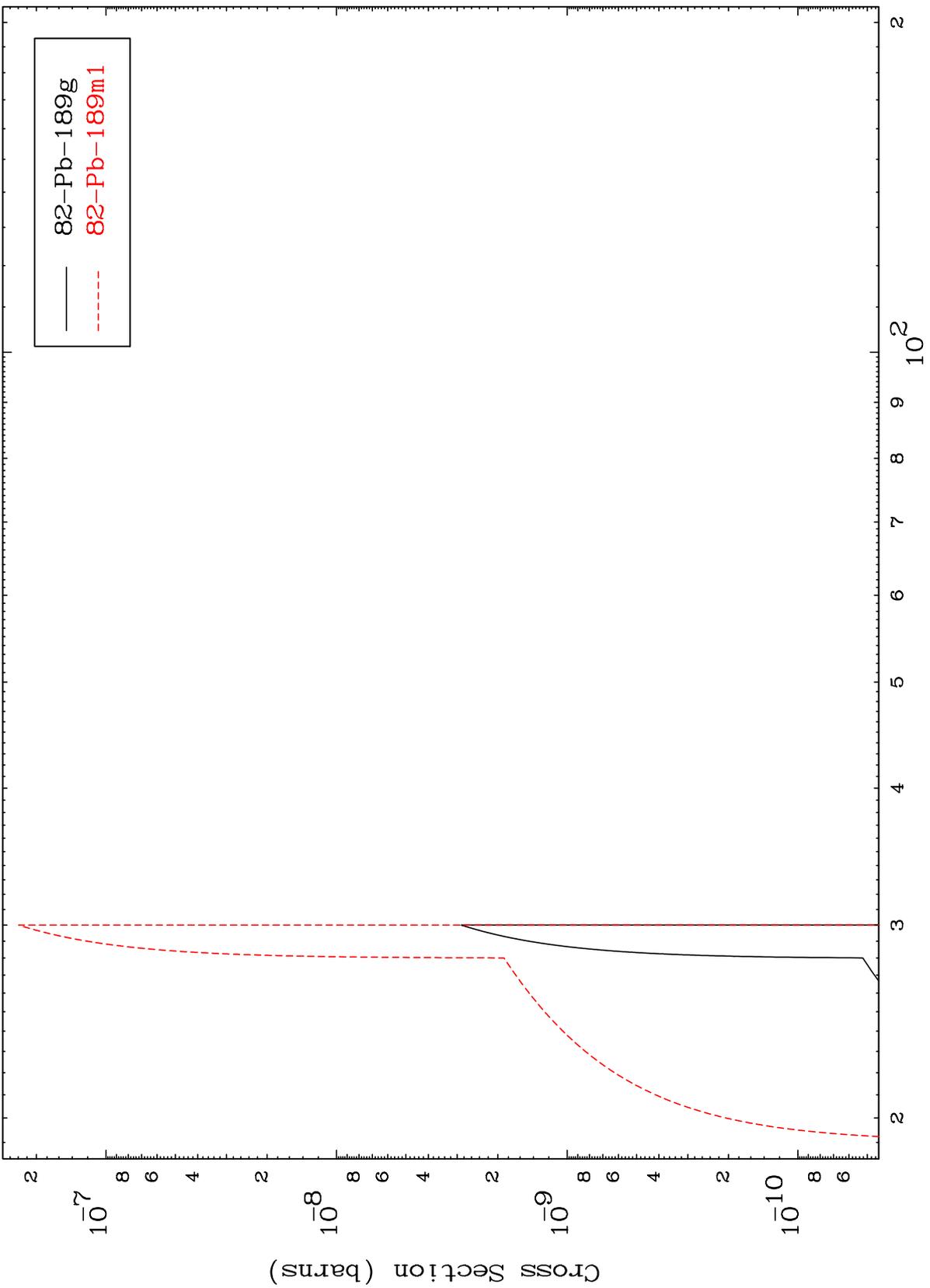
82-Pb-191

MAT 8186

$(n,2n) \alpha$

82-Pb-191

Radionuclide Production Cross Section



13

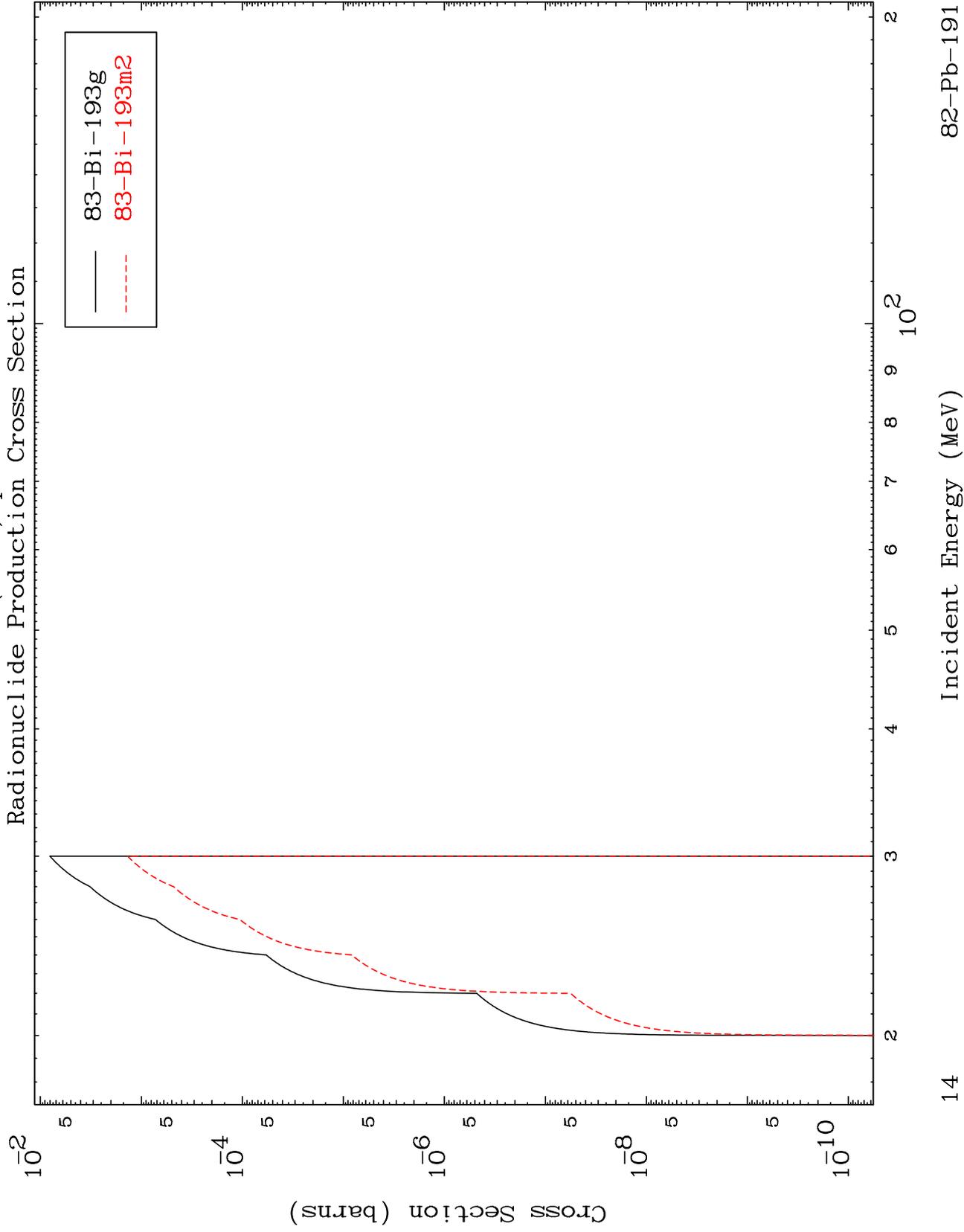
Incident Energy (MeV)

82-Pb-191

MAT 8186

(n,n') p

82-Pb-191



14

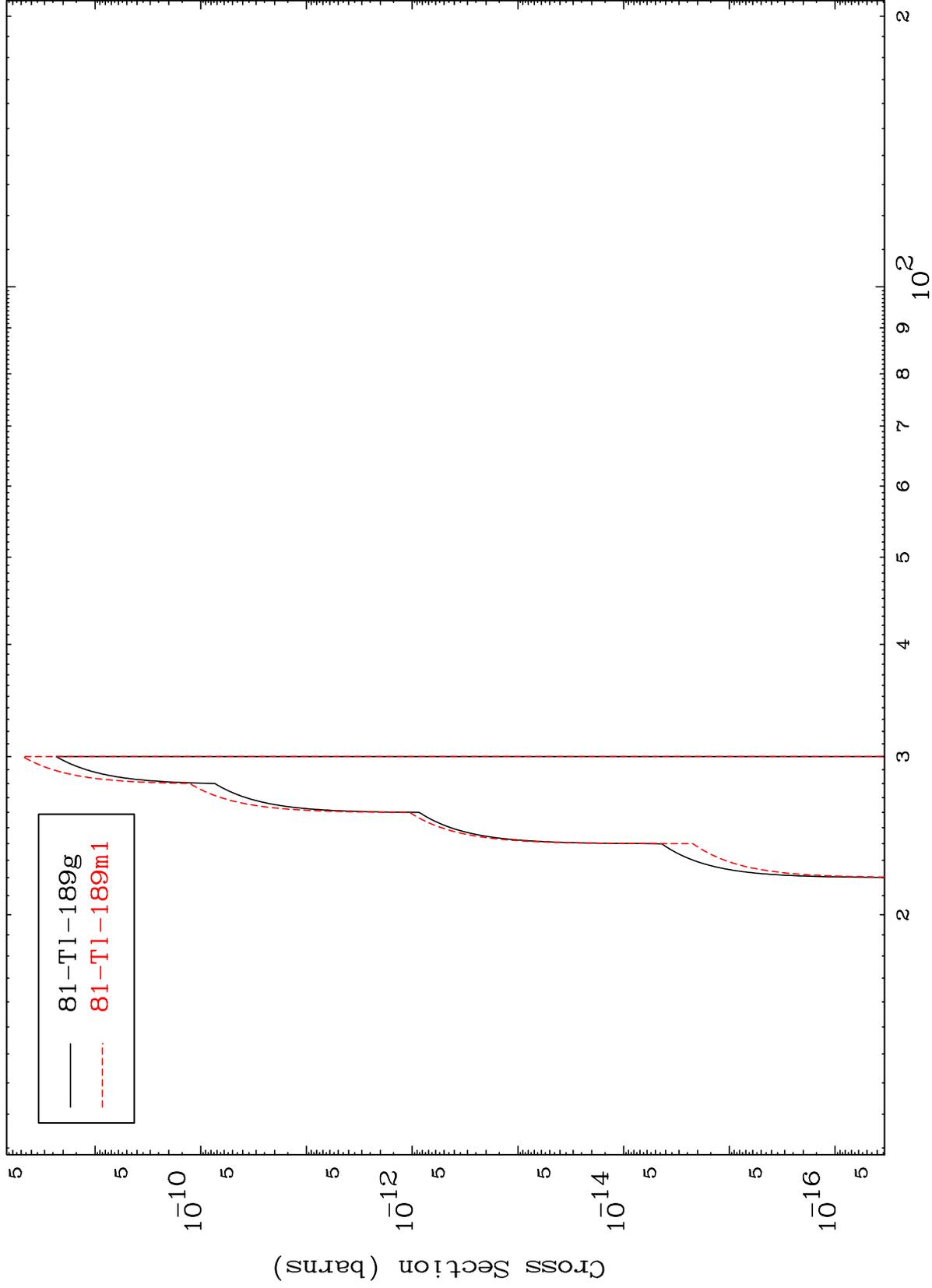
82-Pb-191

MAT 8186

(n,n') p α

82-Pb-191

Radionuclide Production Cross Section



15

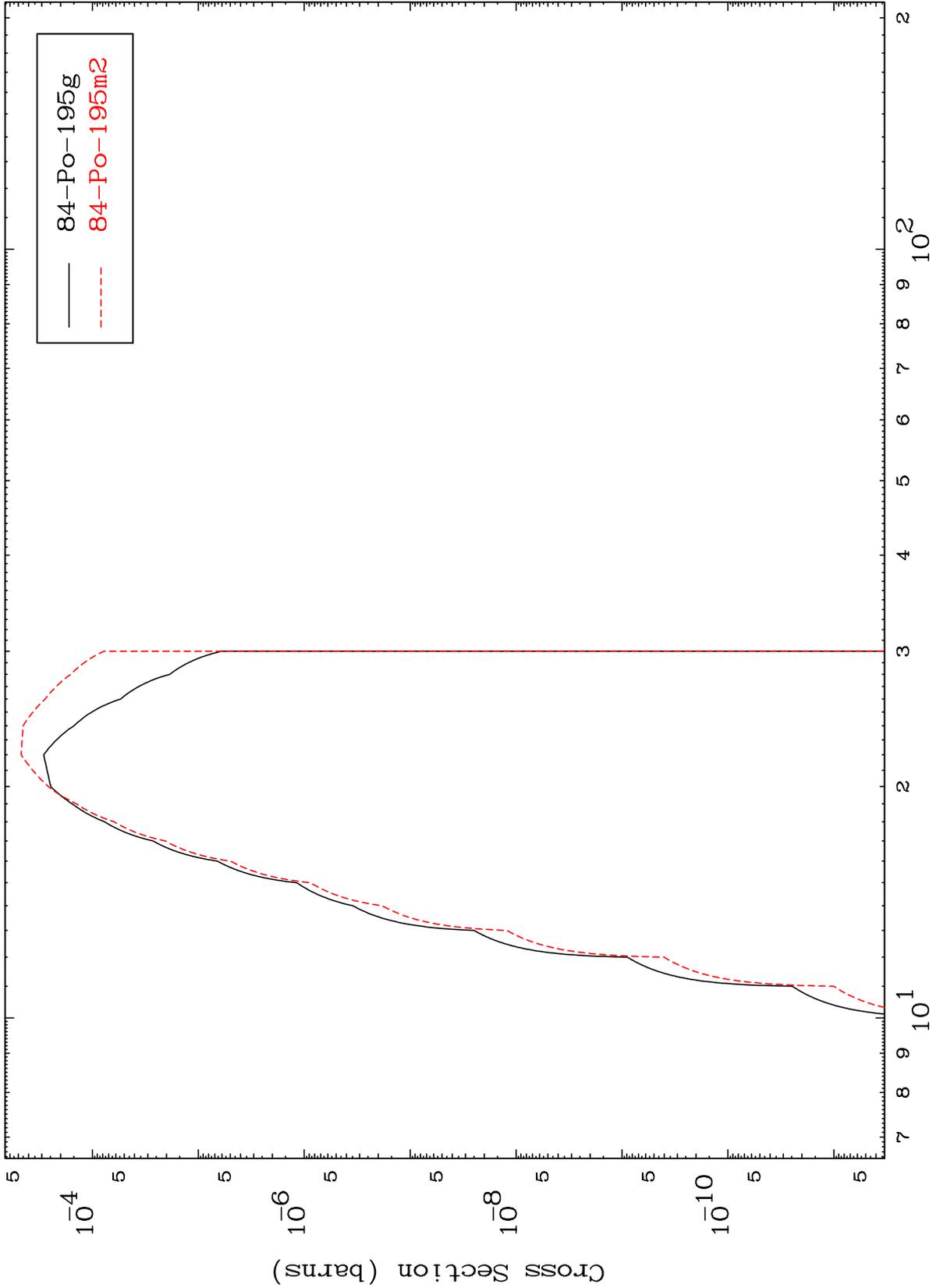
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(n,γ)
Radionuclide Production Cross Section



16

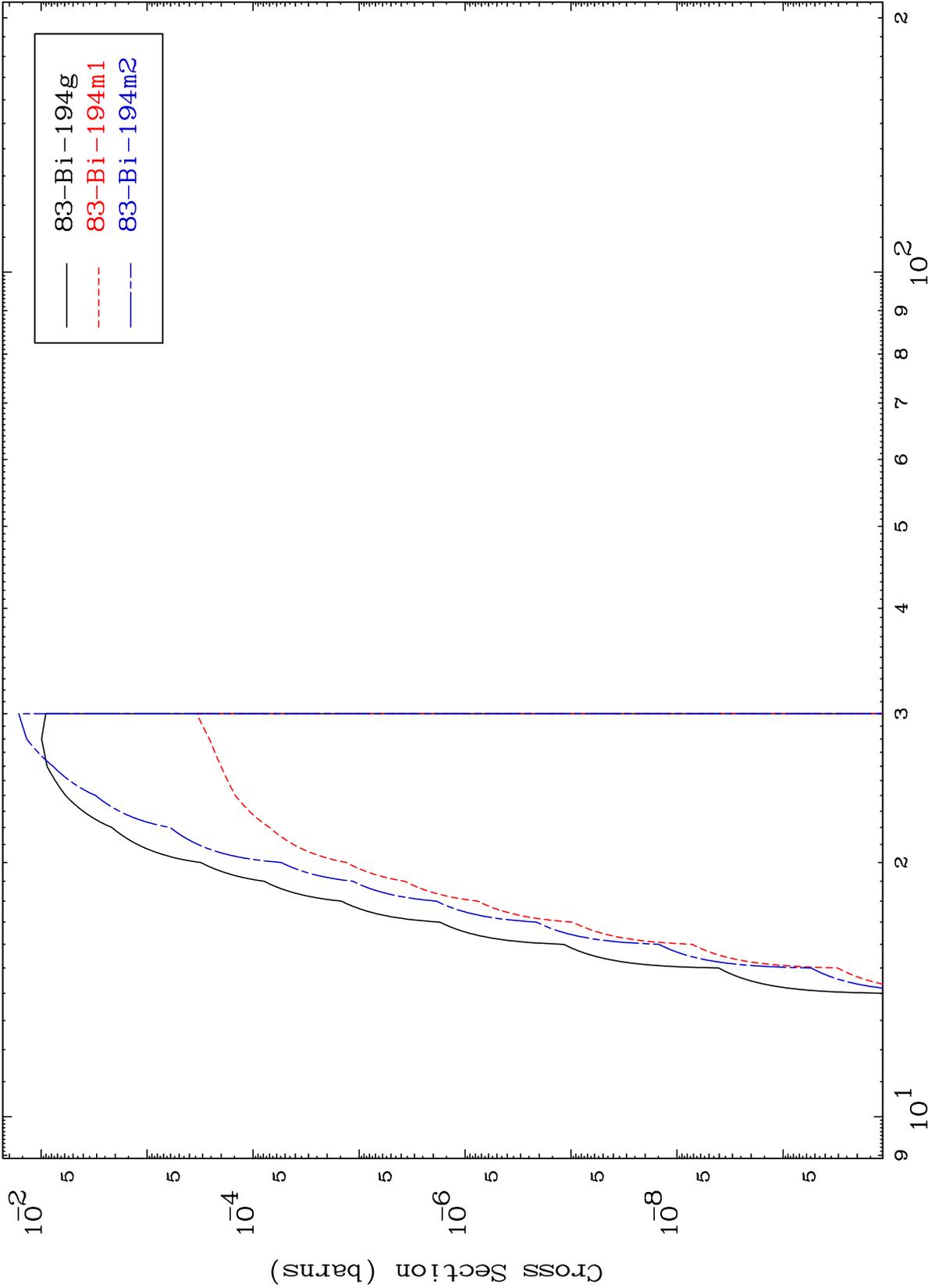
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(n,p)
Radionuclide Production Cross Section



82-Pb-191

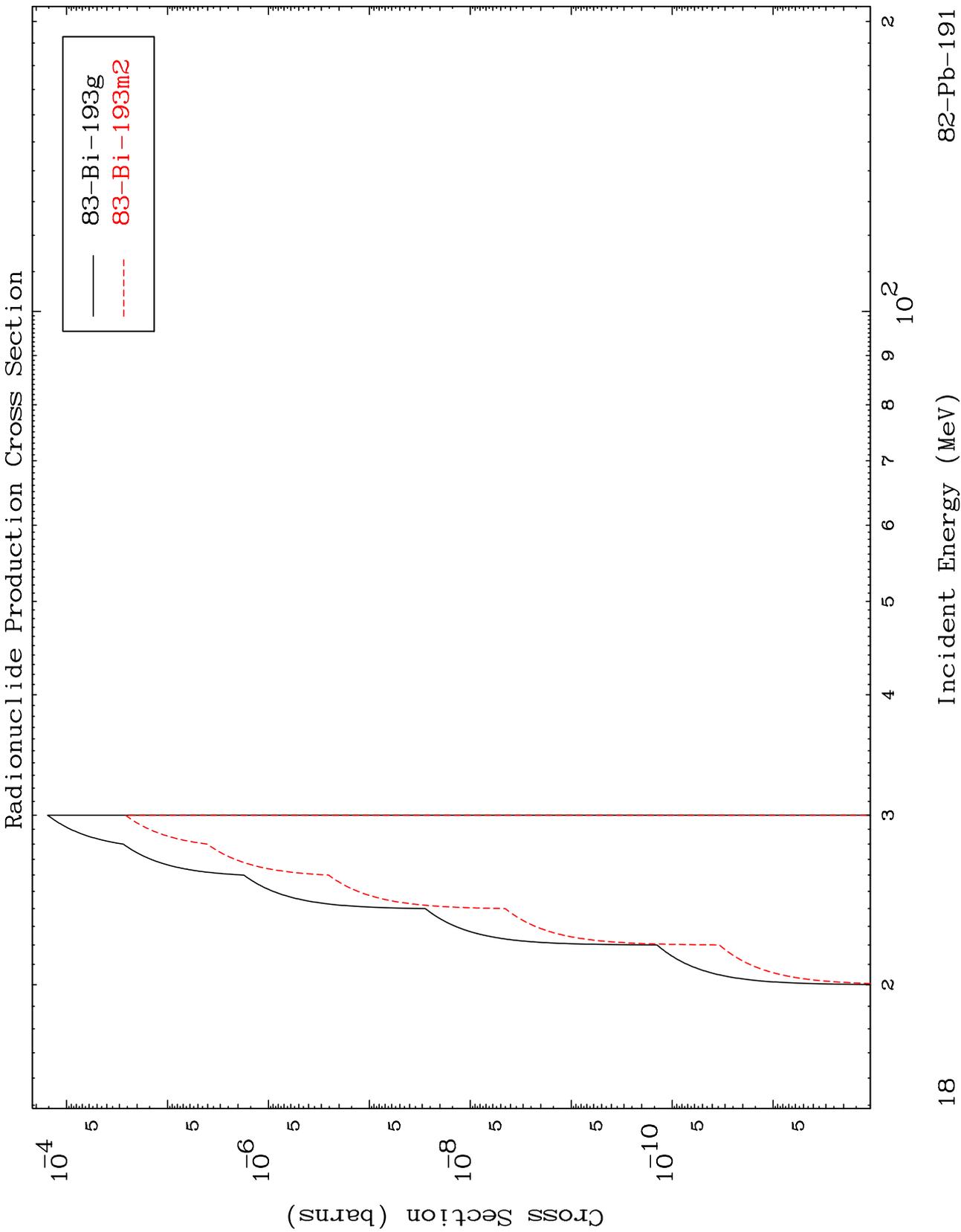
Incident Energy (MeV)

17

MAT 8186

(n,d)

82-Pb-191

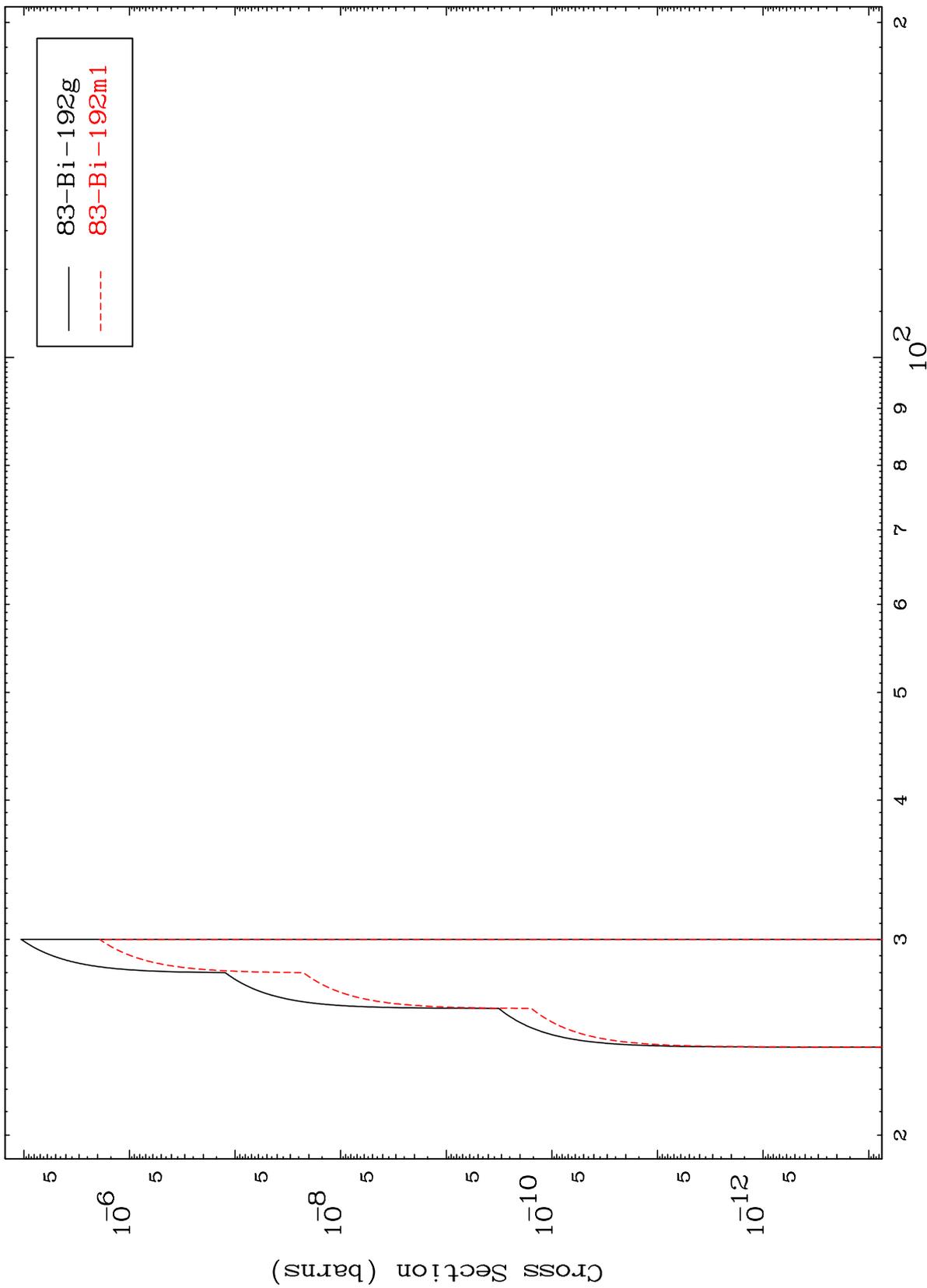


18

Incident Energy (MeV)

82-Pb-191

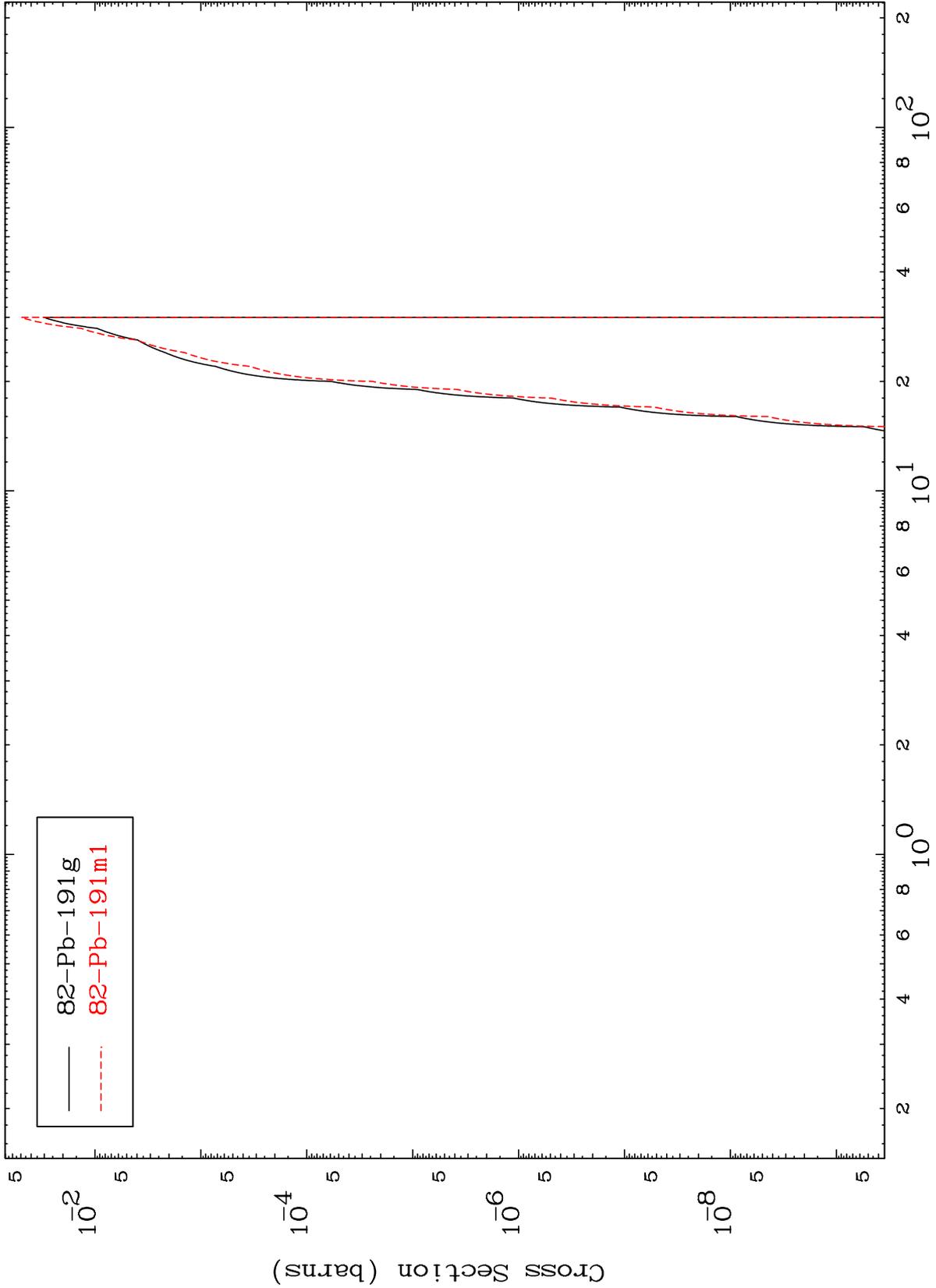
(n,t)
Radionuclide Production Cross Section



MAT 8186

82-Pb-191

(n, α)
Radionuclide Production Cross Section



20

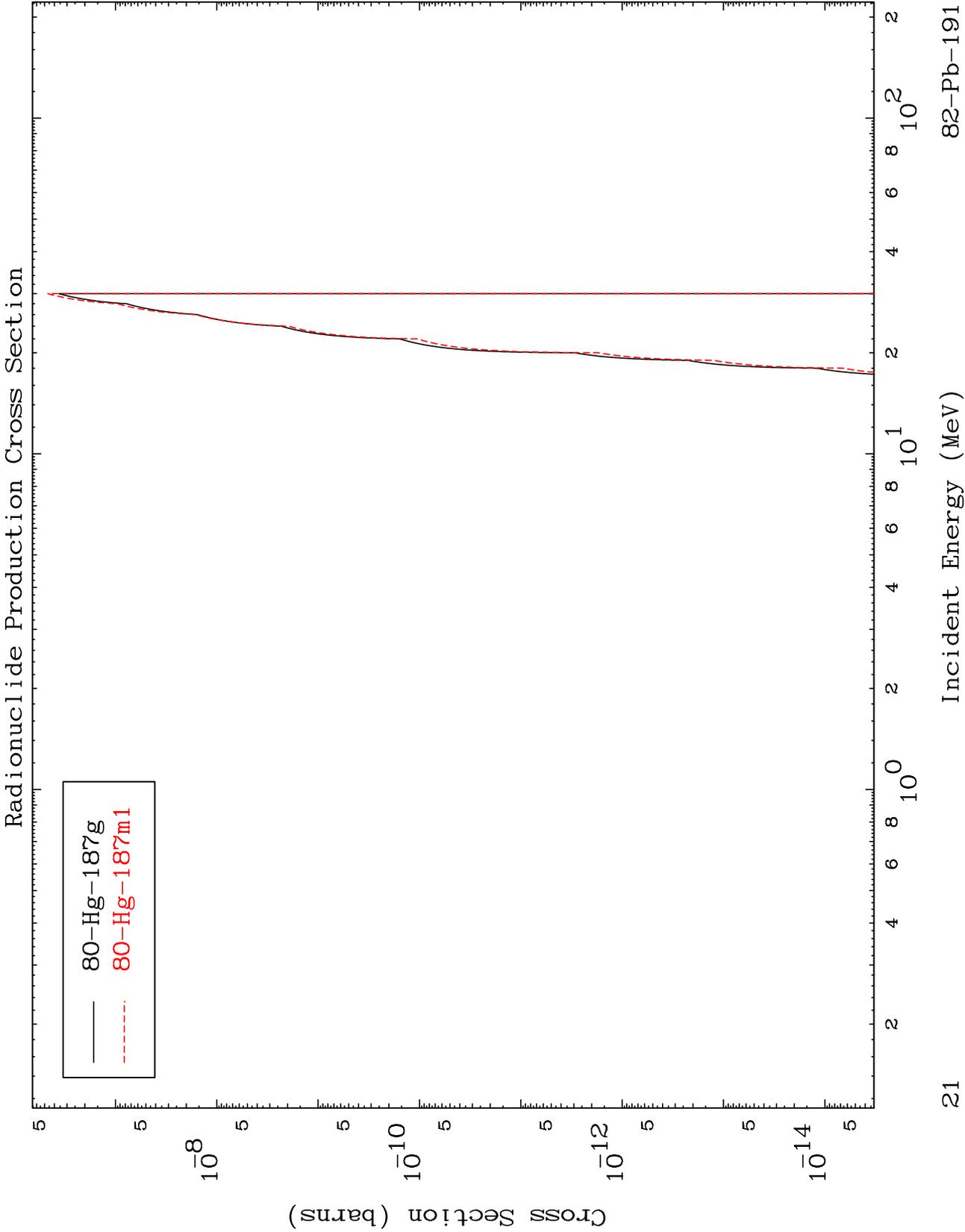
Incident Energy (MeV)

82-Pb-191

MAT 8186

(n,2α)

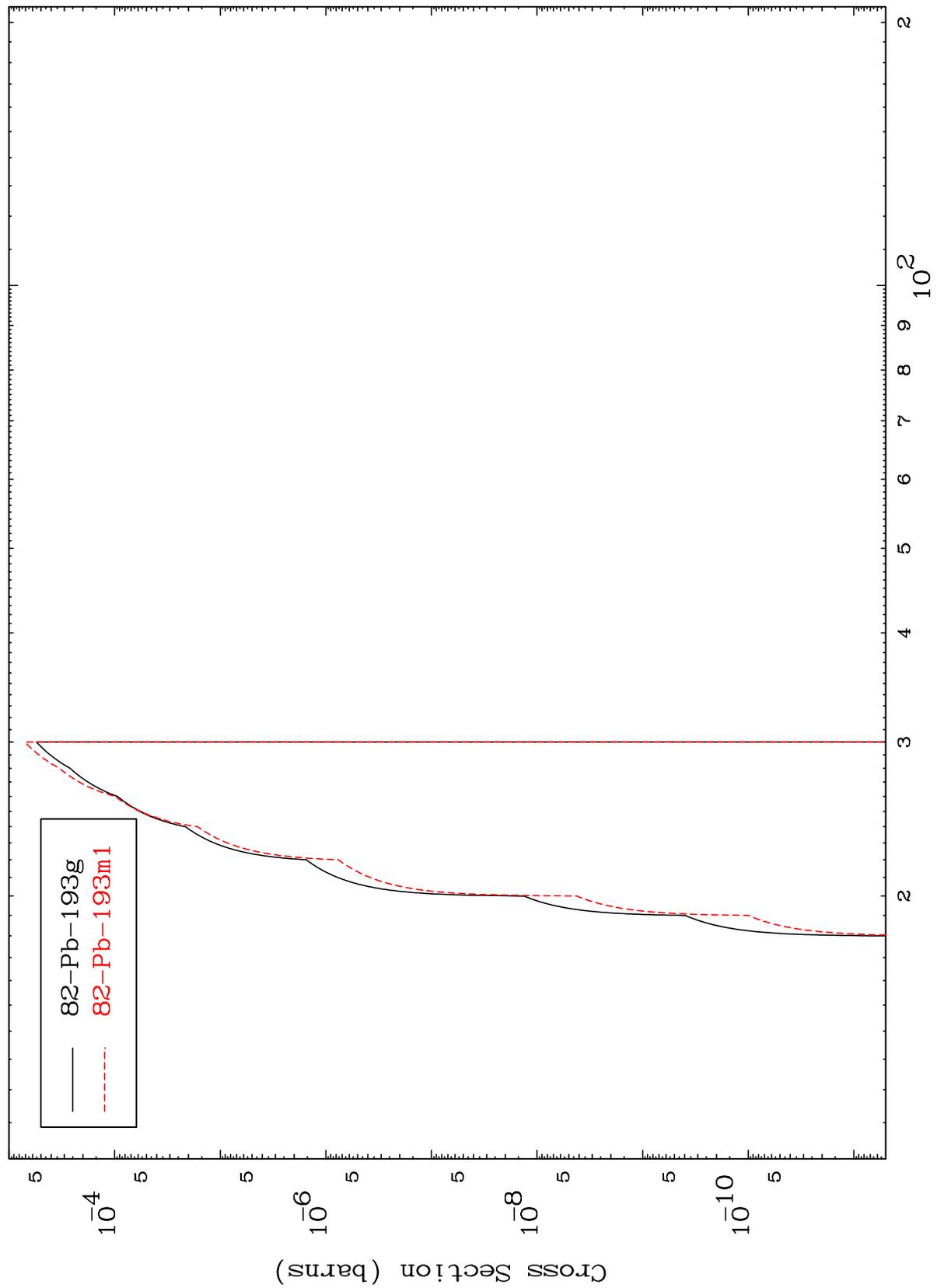
82-Pb-191



MAT 8186

82-Pb-191

(n,2p)
Radionuclide Production Cross Section



22

82-Pb-191

Incident Energy (MeV)

MAT 8186

(n,p) α

82-Pb-191

