

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

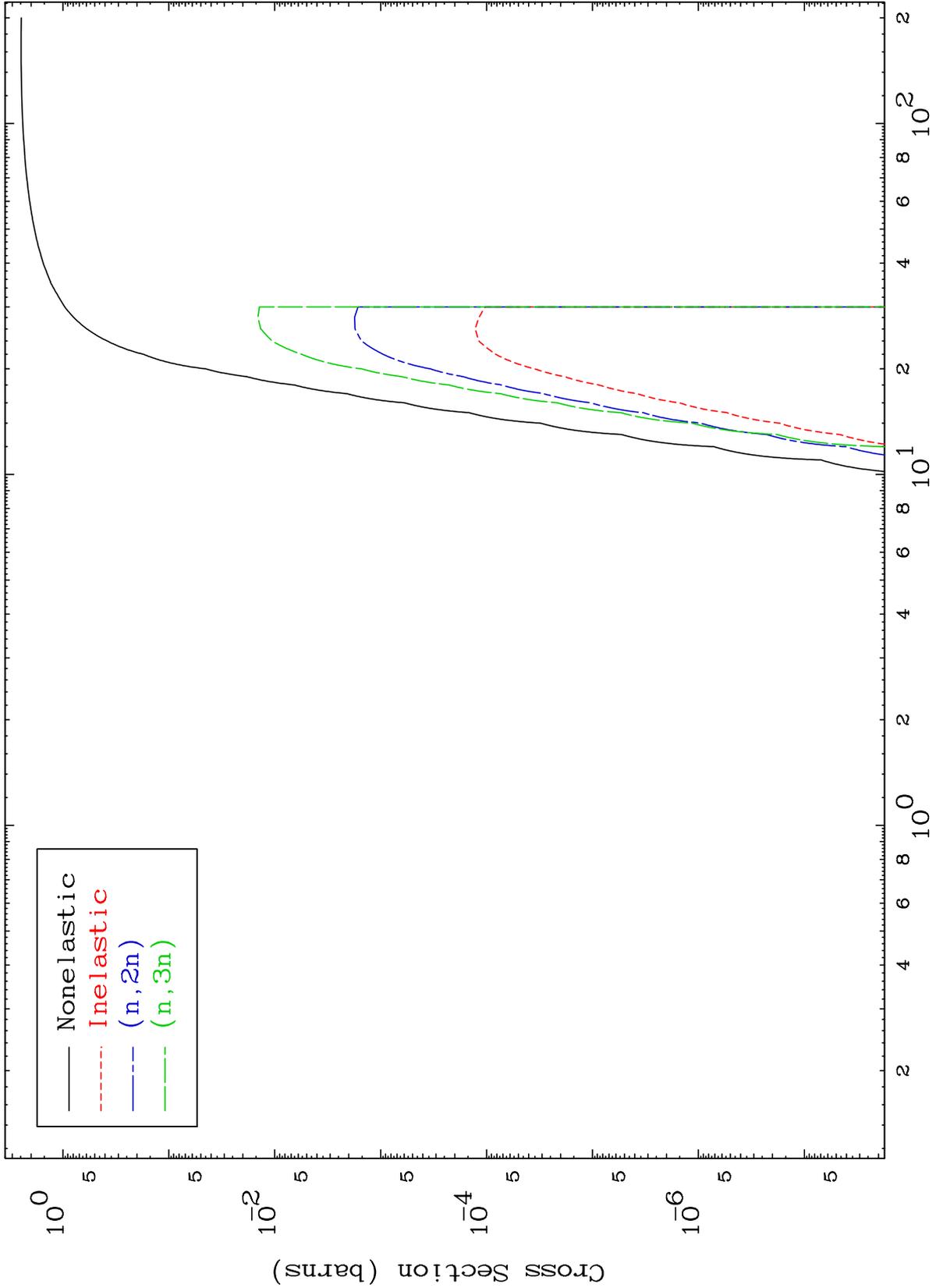
Press Mouse Button to Start

MAT 8243

He-3 Major

0 Kelvin Cross Sections

82-Pb-210

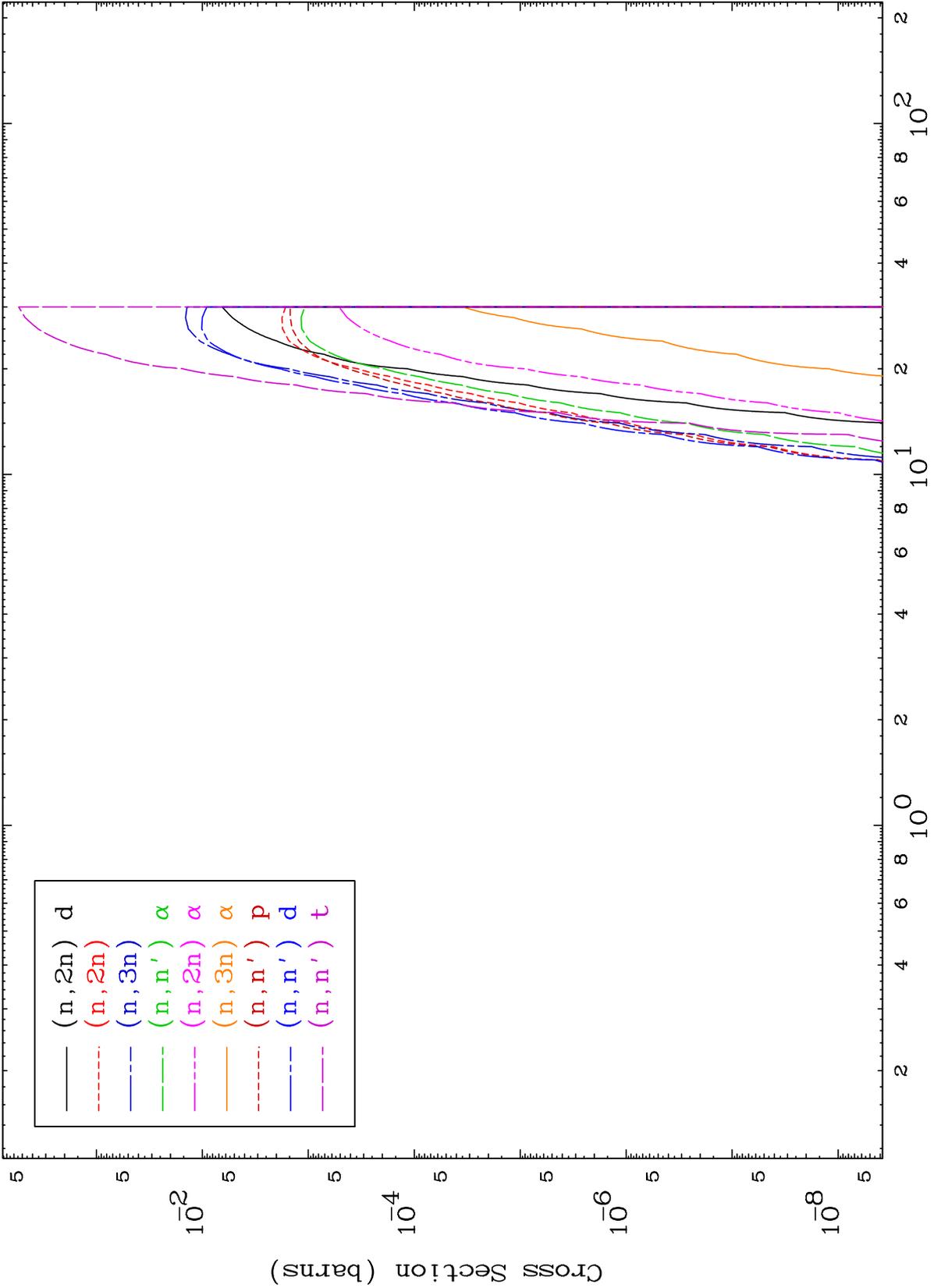


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)

MAT 8243

He-3 Neutron Absorption
0 Kelvin Cross Sections

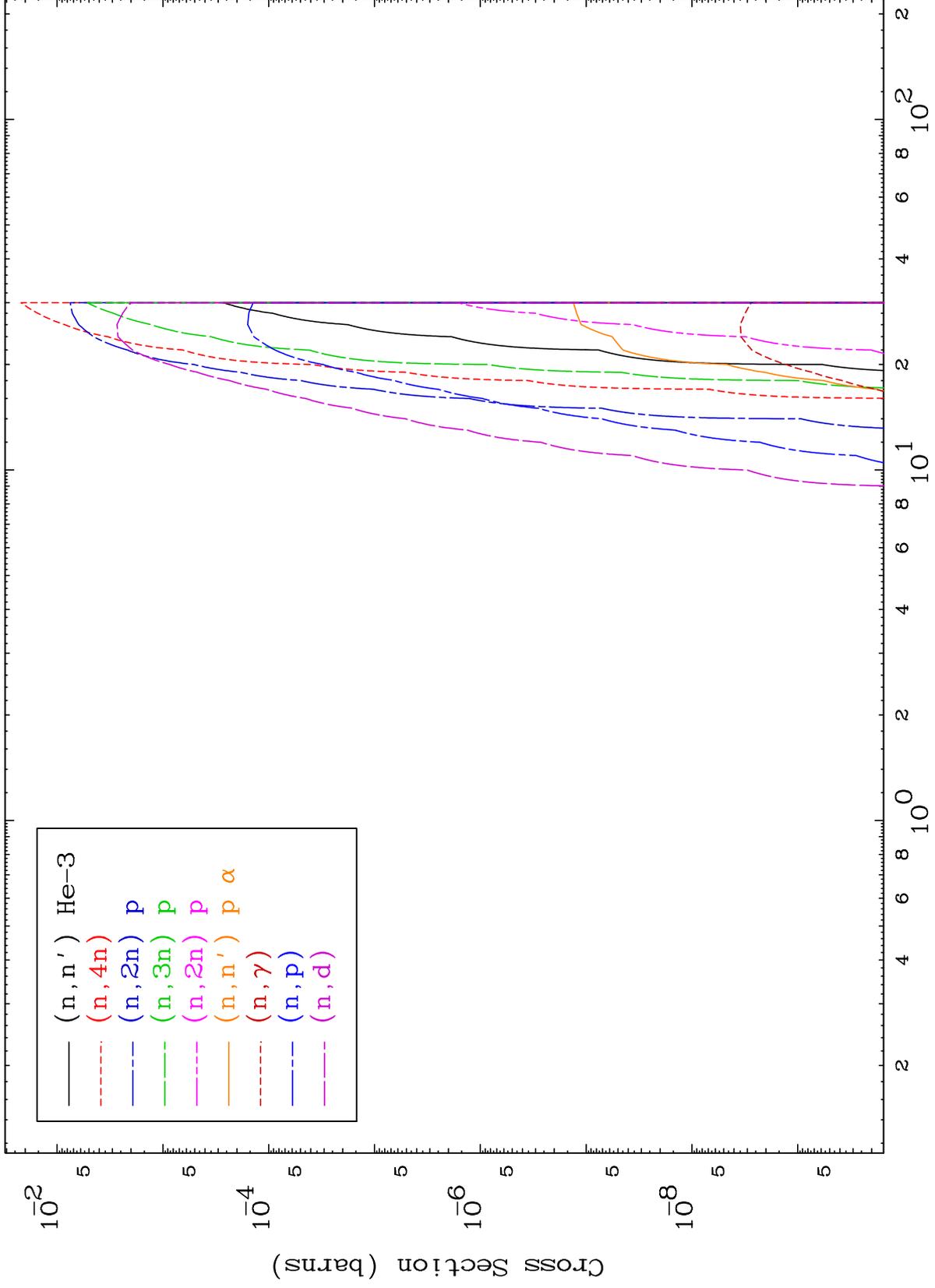
82-Pb-210



MAT 8243

He-3 Neutron Absorption
0 Kelvin Cross Sections

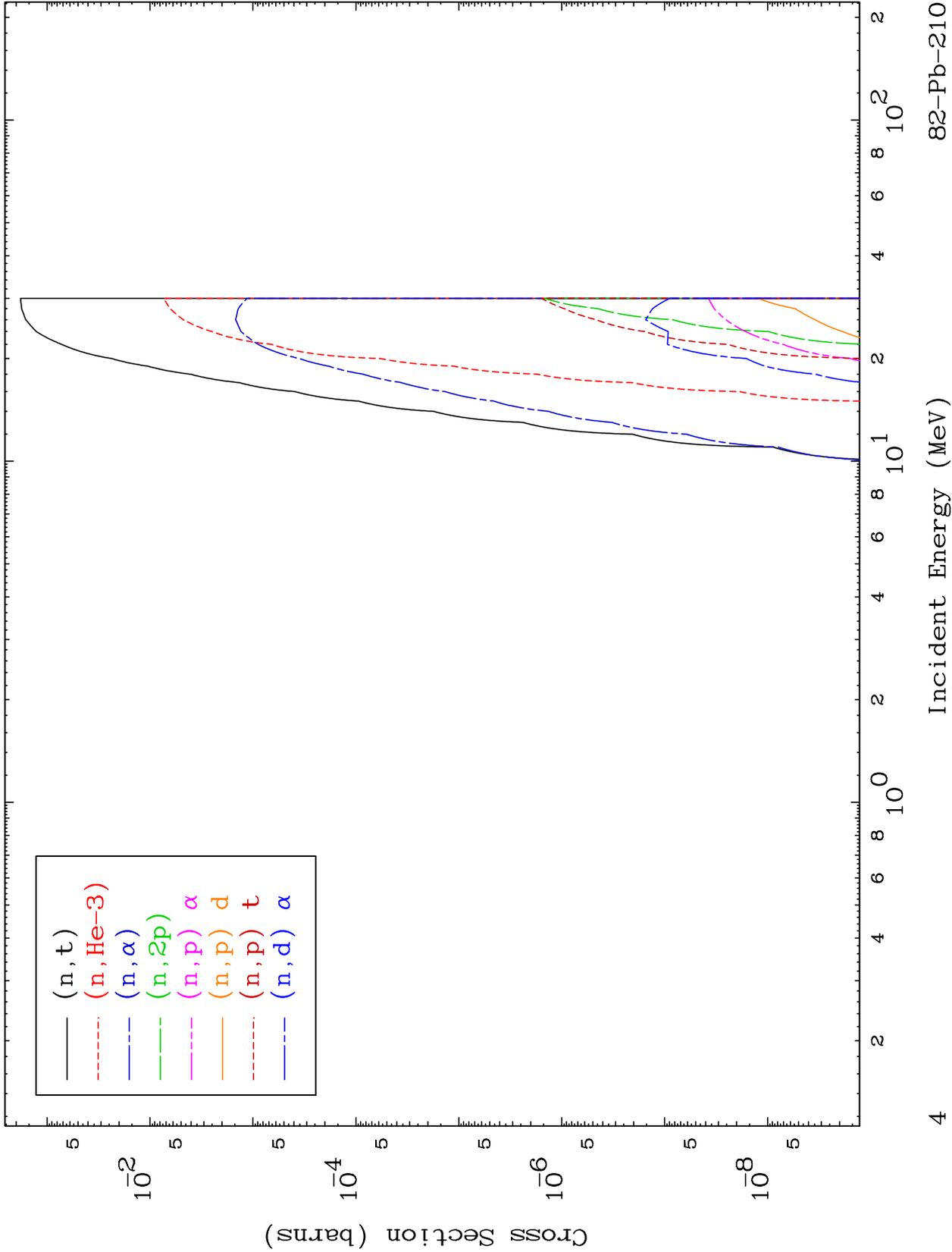
82-Pb-210



MAT 8243

He-3 Neutron Absorption
0 Kelvin Cross Sections

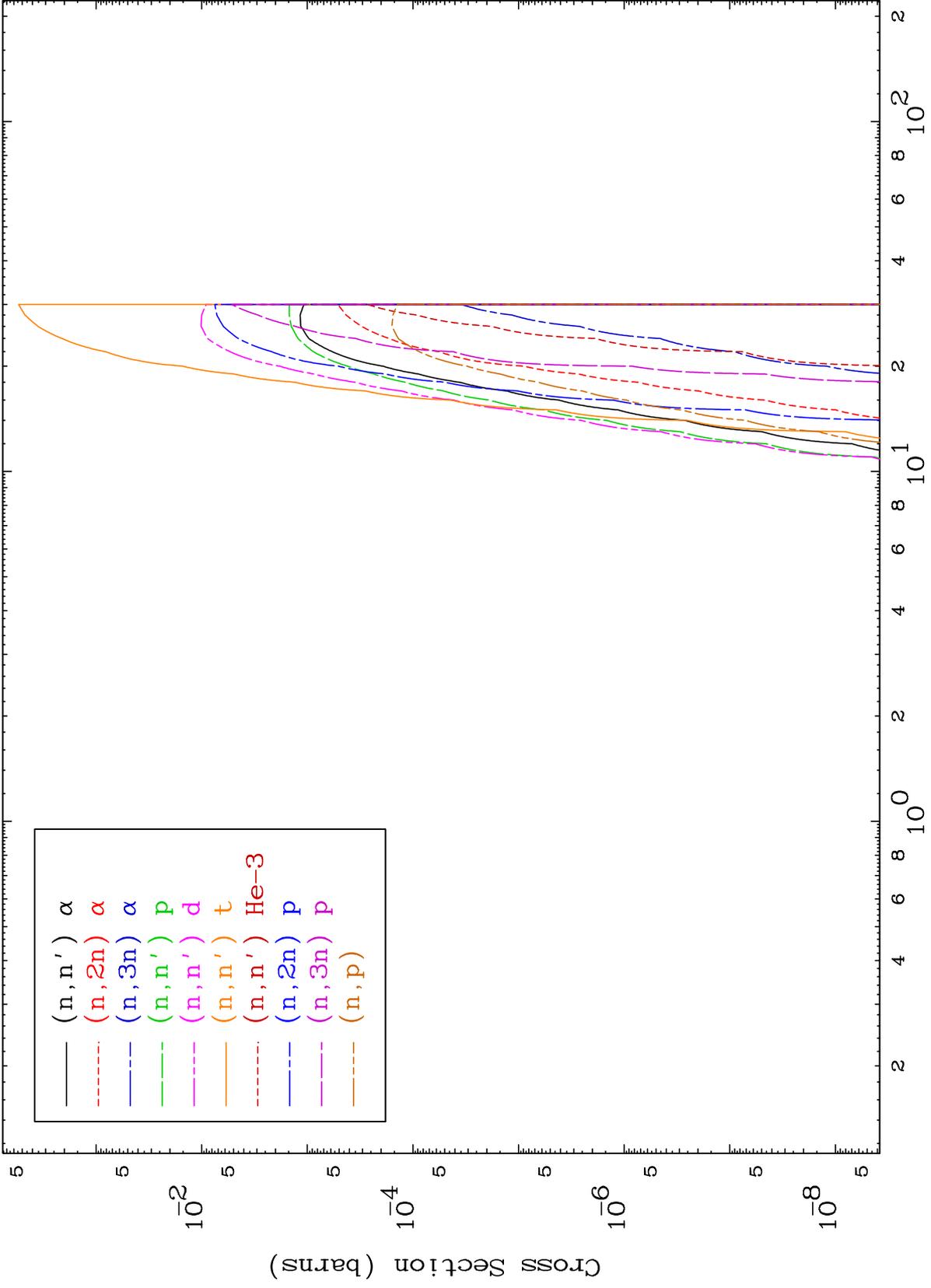
82-Pb-210



MAT 8243

He-3 Charged Particle
0 Kelvin Cross Sections

82-Pb-210



5

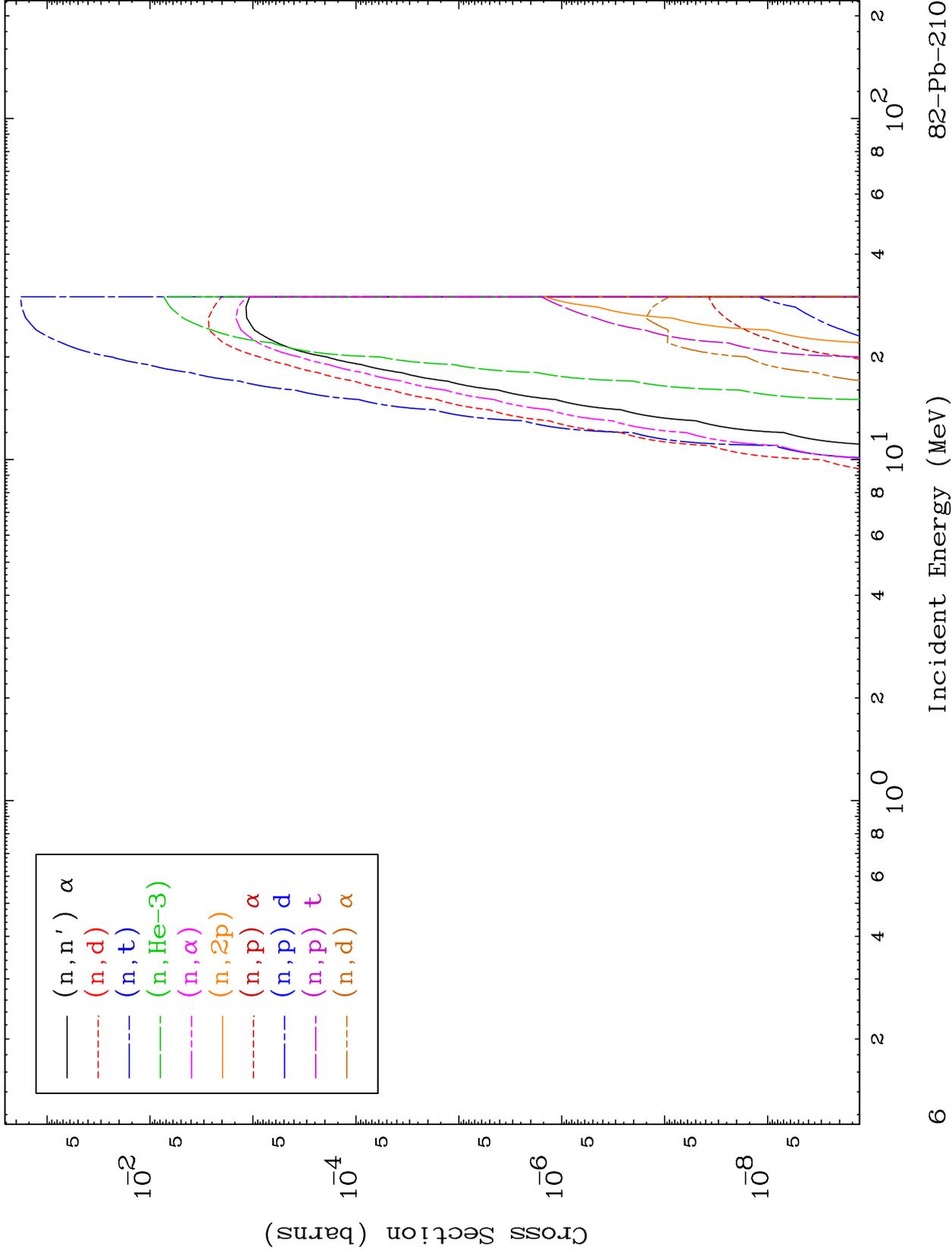
Incident Energy (MeV)

82-Pb-210

MAT 8243

He-3 Charged Particle
0 Kelvin Cross Sections

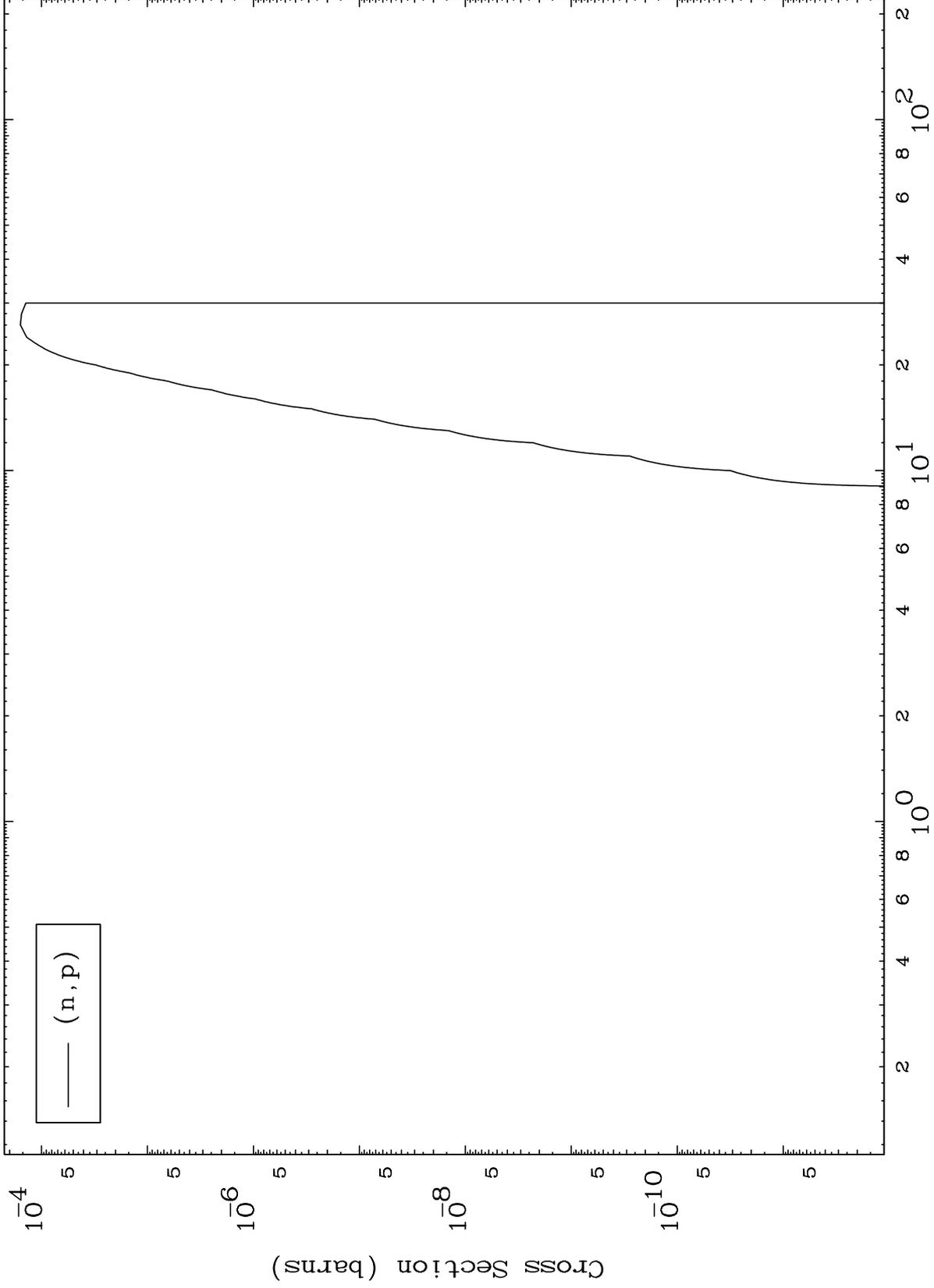
82-Pb-210



MAT 8243

82-Pb-210

(He-3,p) Levels
0 Kelvin Cross Sections



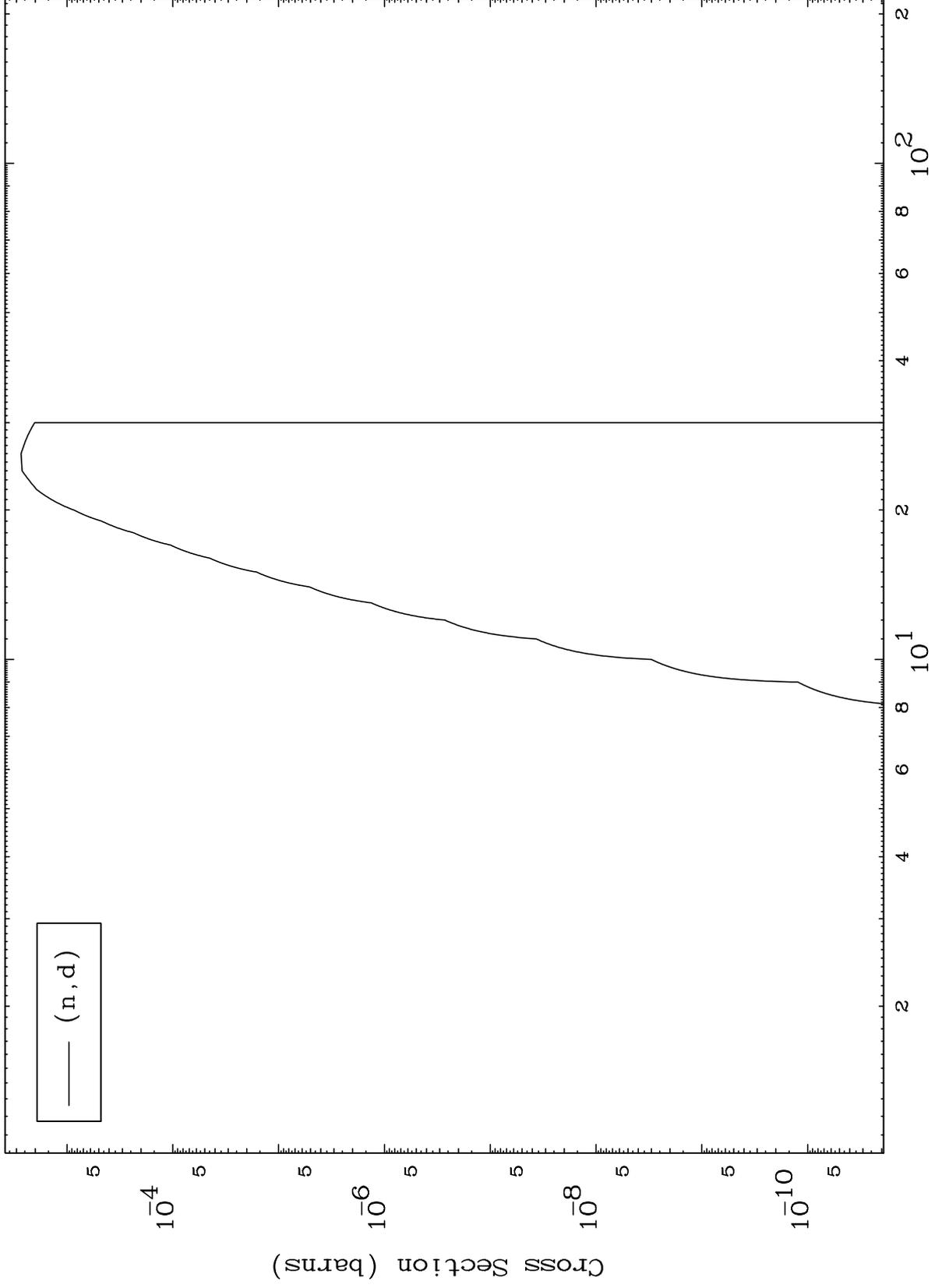
82-Pb-210

Incident Energy (MeV)

MAT 8243

(He-3,d) Levels
0 Kelvin Cross Sections

82-Pb-210

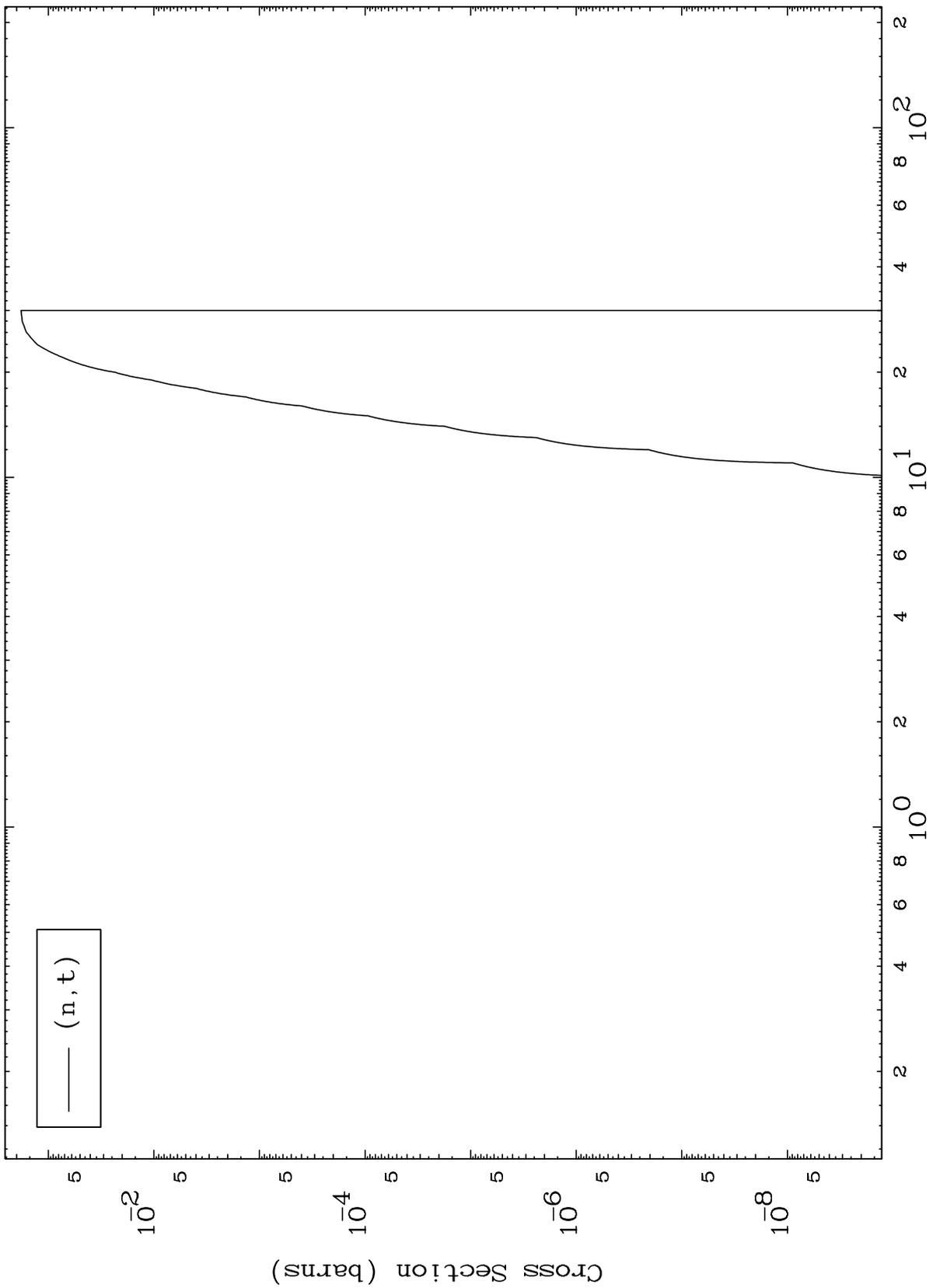


MAT 8243

(He-3,t) Levels

82-Pb-210

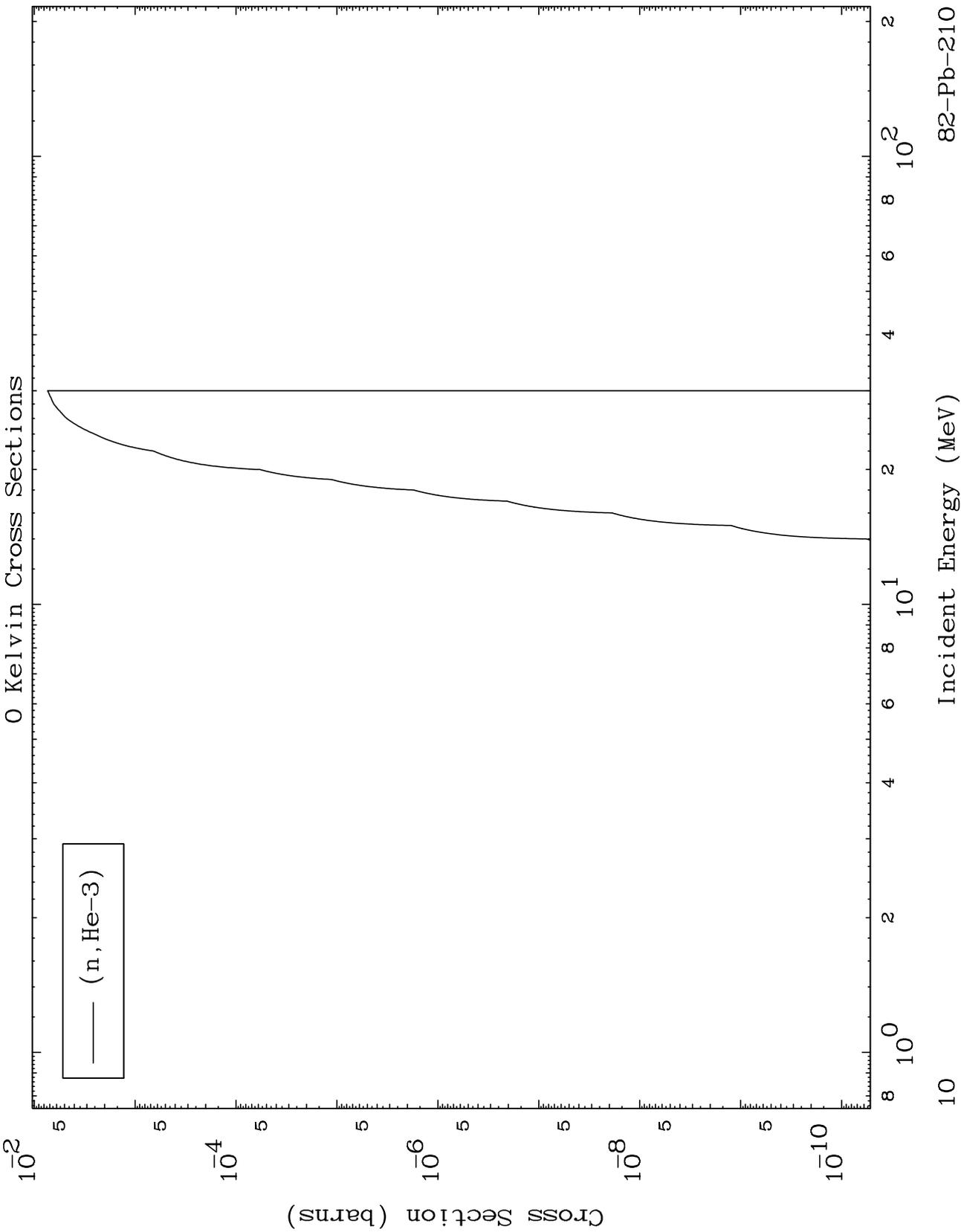
0 Kelvin Cross Sections



MAT 8243

(He-3, He3) Levels

82-Pb-210

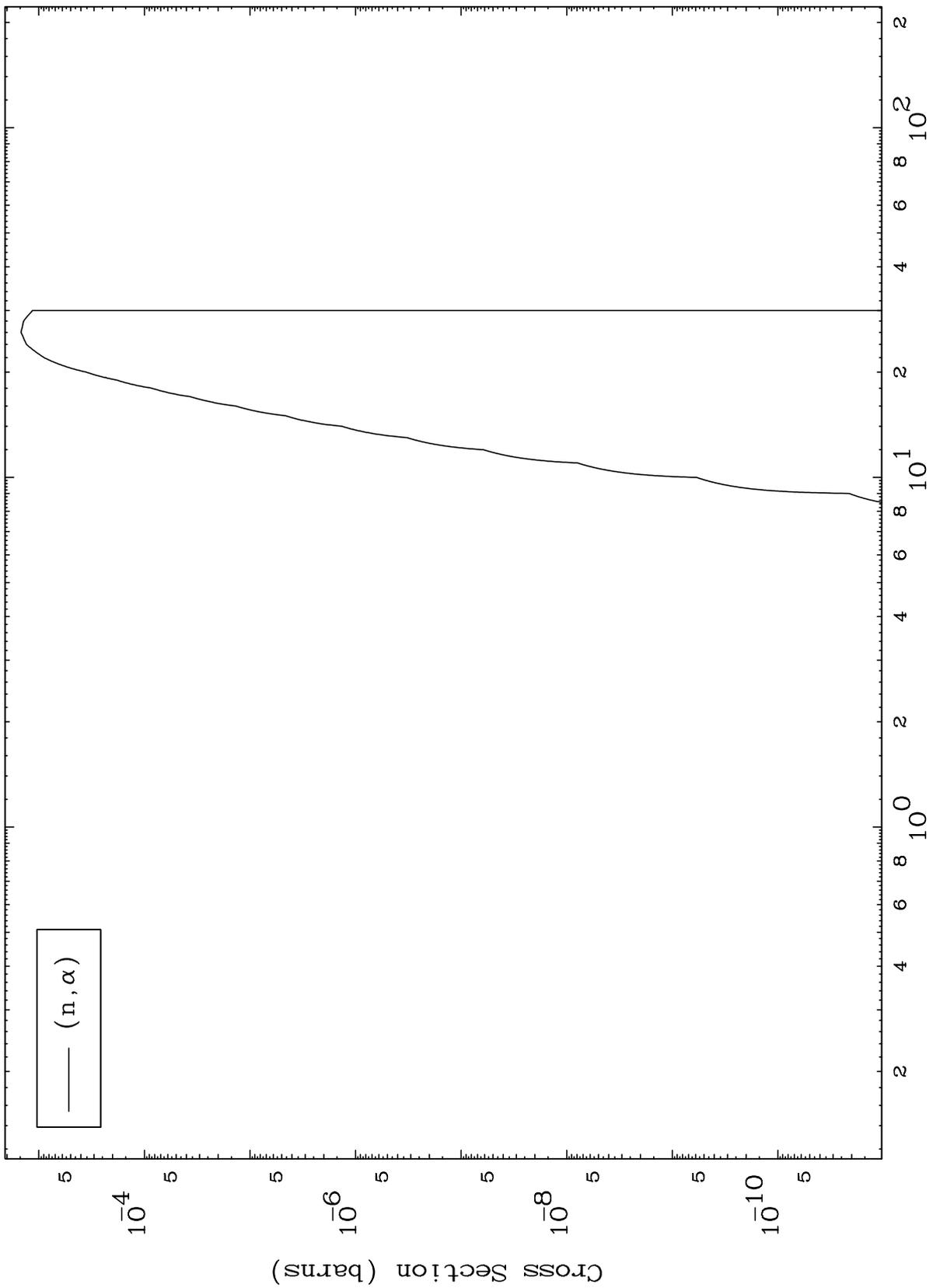


MAT 8243

(He-3, α) Levels

82-Pb-210

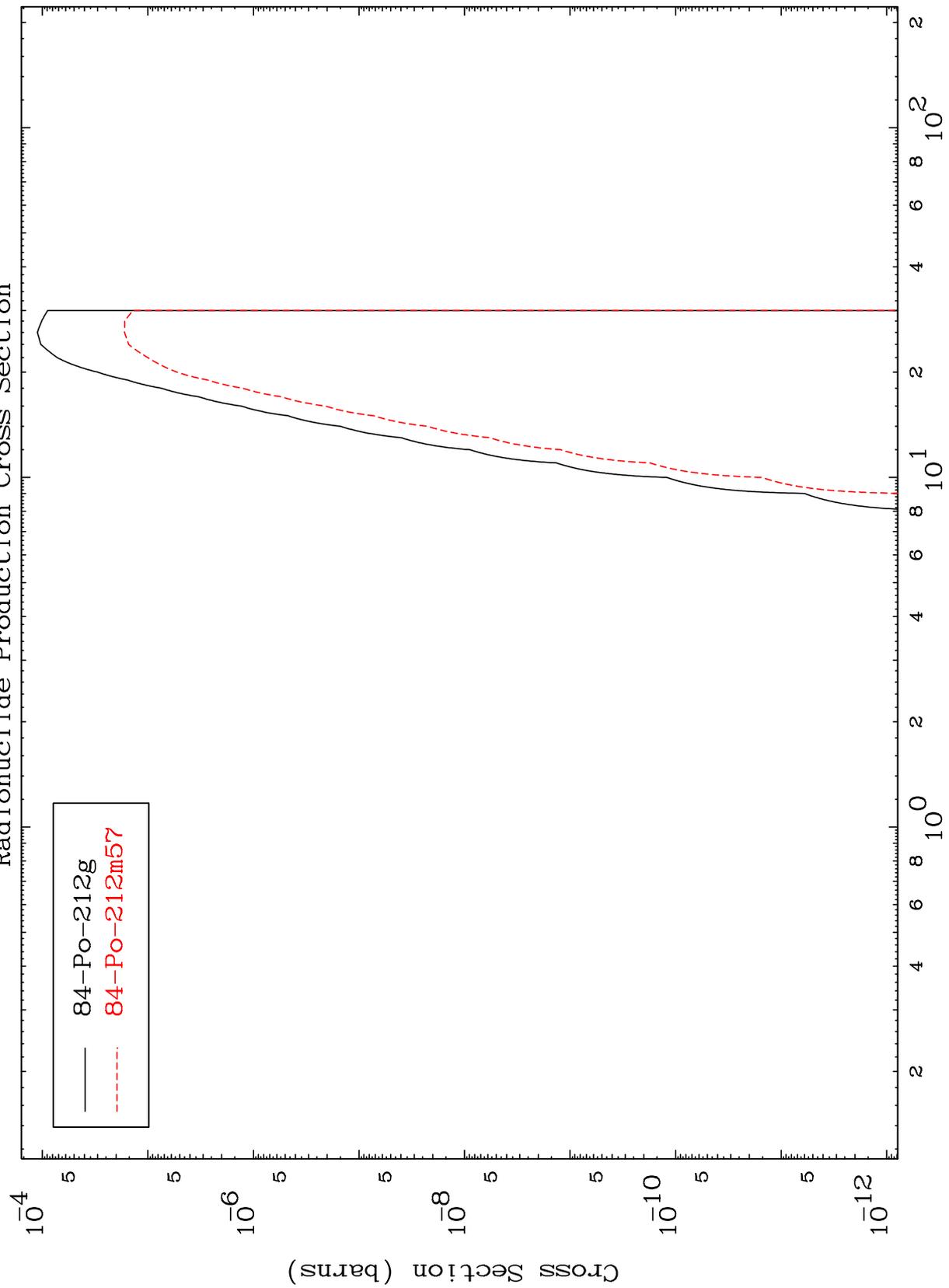
0 Kelvin Cross Sections



MAT 8243

Inelastic
Radionuclide Production Cross Section

82-Pb-210



12

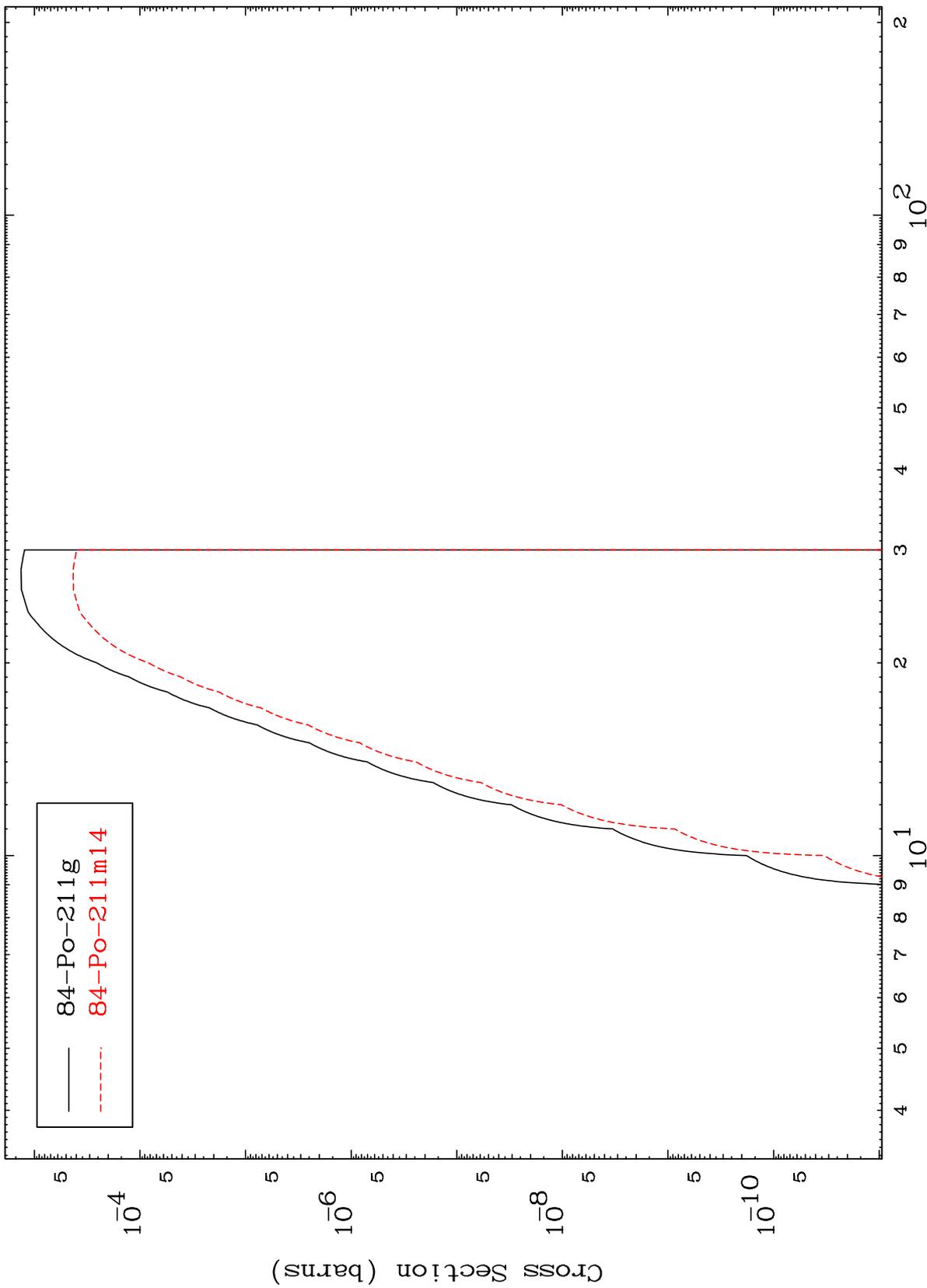
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

(n,2n)
Radionuclide Production Cross Section



13

82-Pb-210

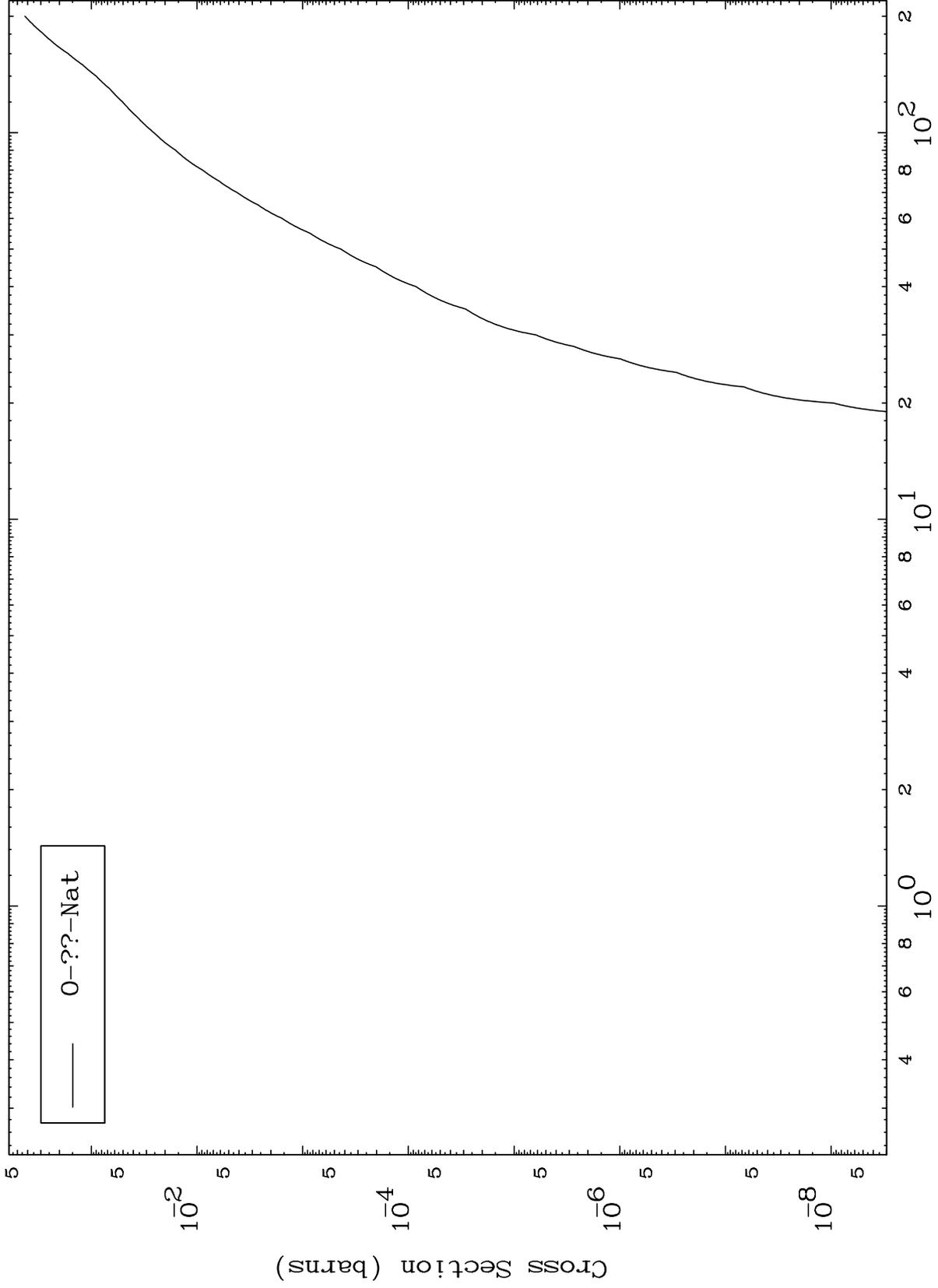
Incident Energy (MeV)

MAT 8243

Fission

82-Pb-210

Radionuclide Production Cross Section



14

Incident Energy (MeV)

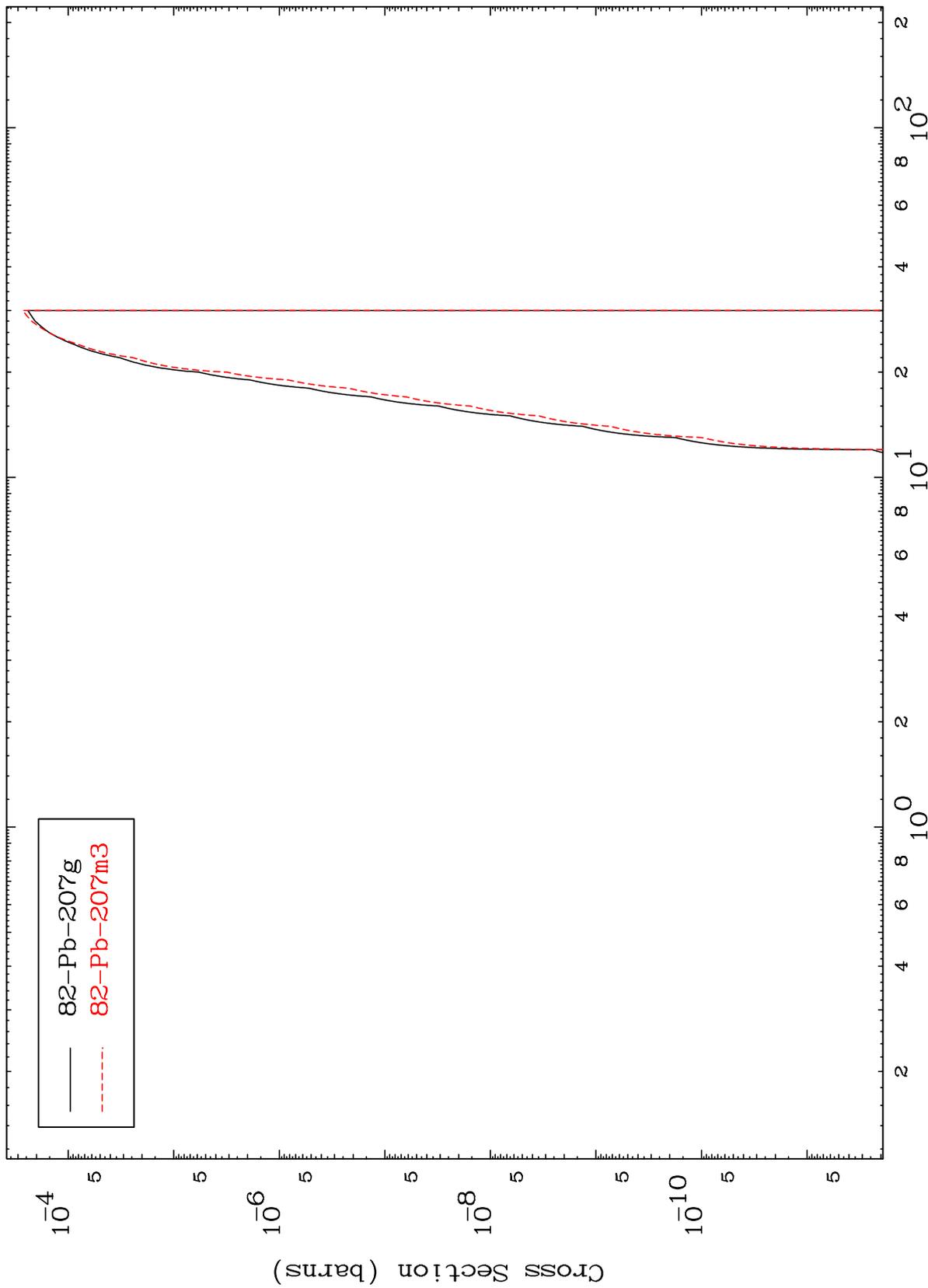
82-Pb-210

MAT 8243

(n,2n) α

82-Pb-210

Radionuclide Production Cross Section



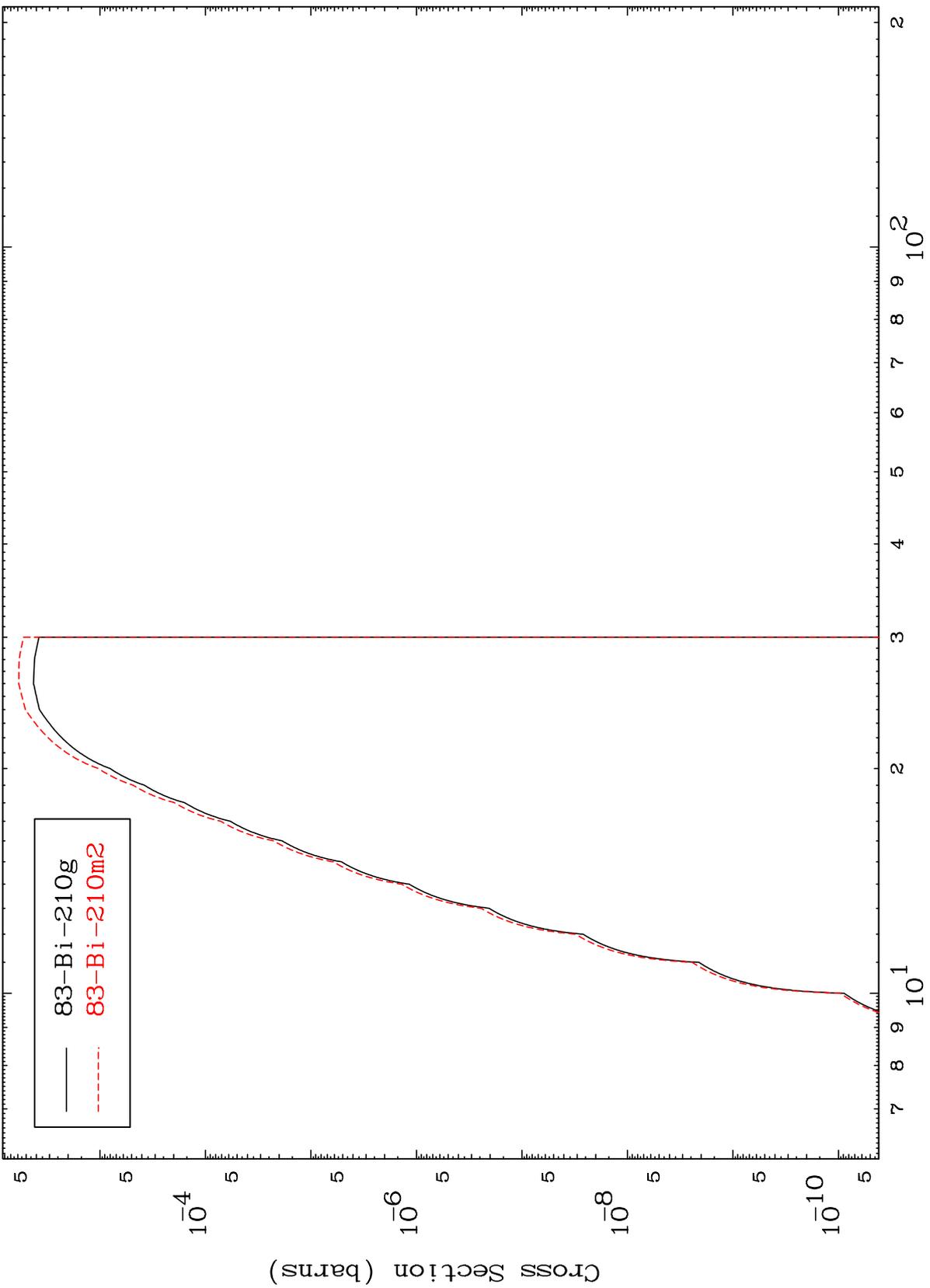
— 82-Pb-207g
- - - 82-Pb-207m3

MAT 8243

(n,n') d

82-Pb-210

Radionuclide Production Cross Section



83-Bi-210g
83-Bi-210m2

16

Incident Energy (MeV)

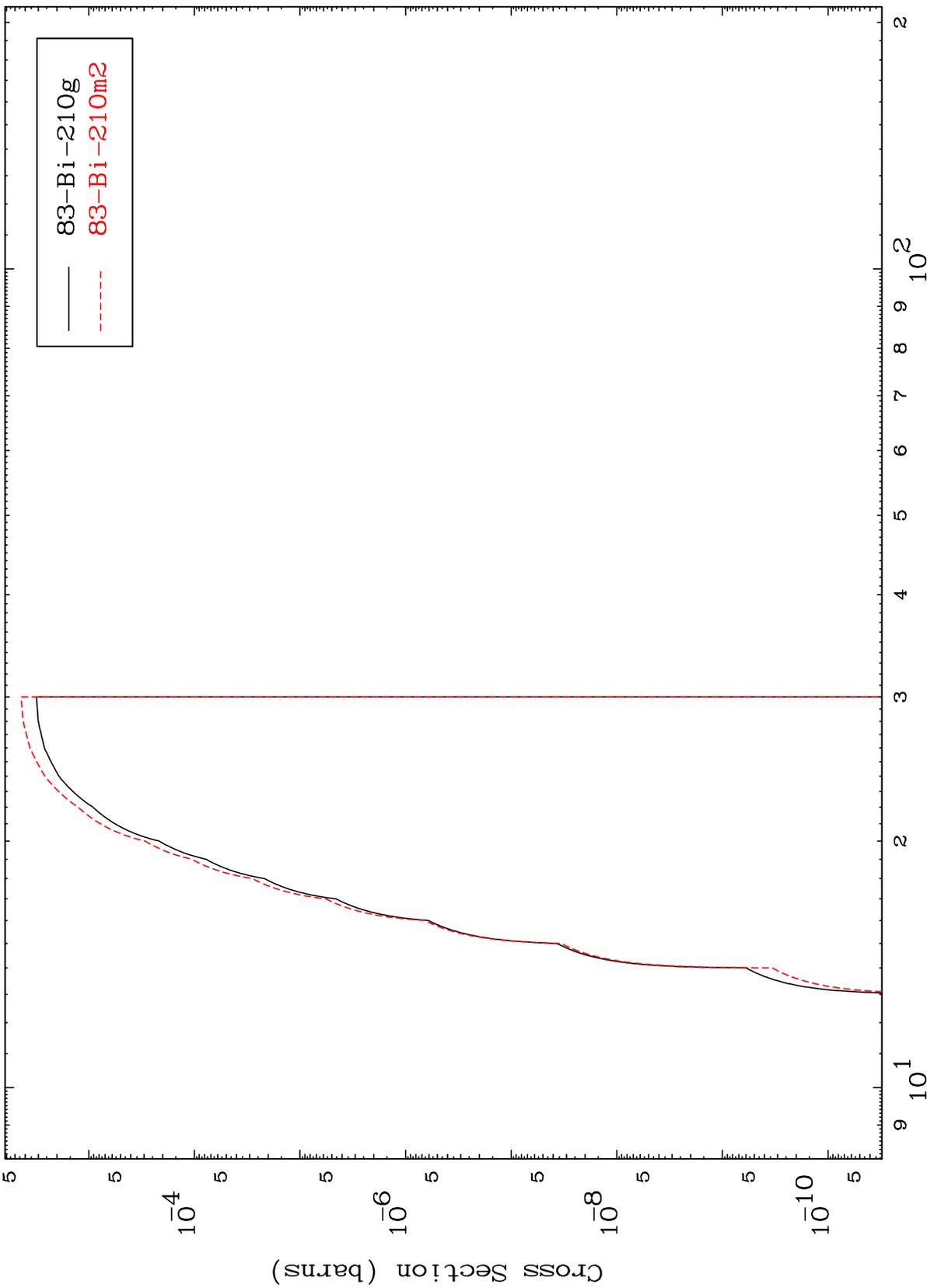
82-Pb-210

MAT 8243

(n,2n) p

82-Pb-210

Radionuclide Production Cross Section



17

Incident Energy (MeV)

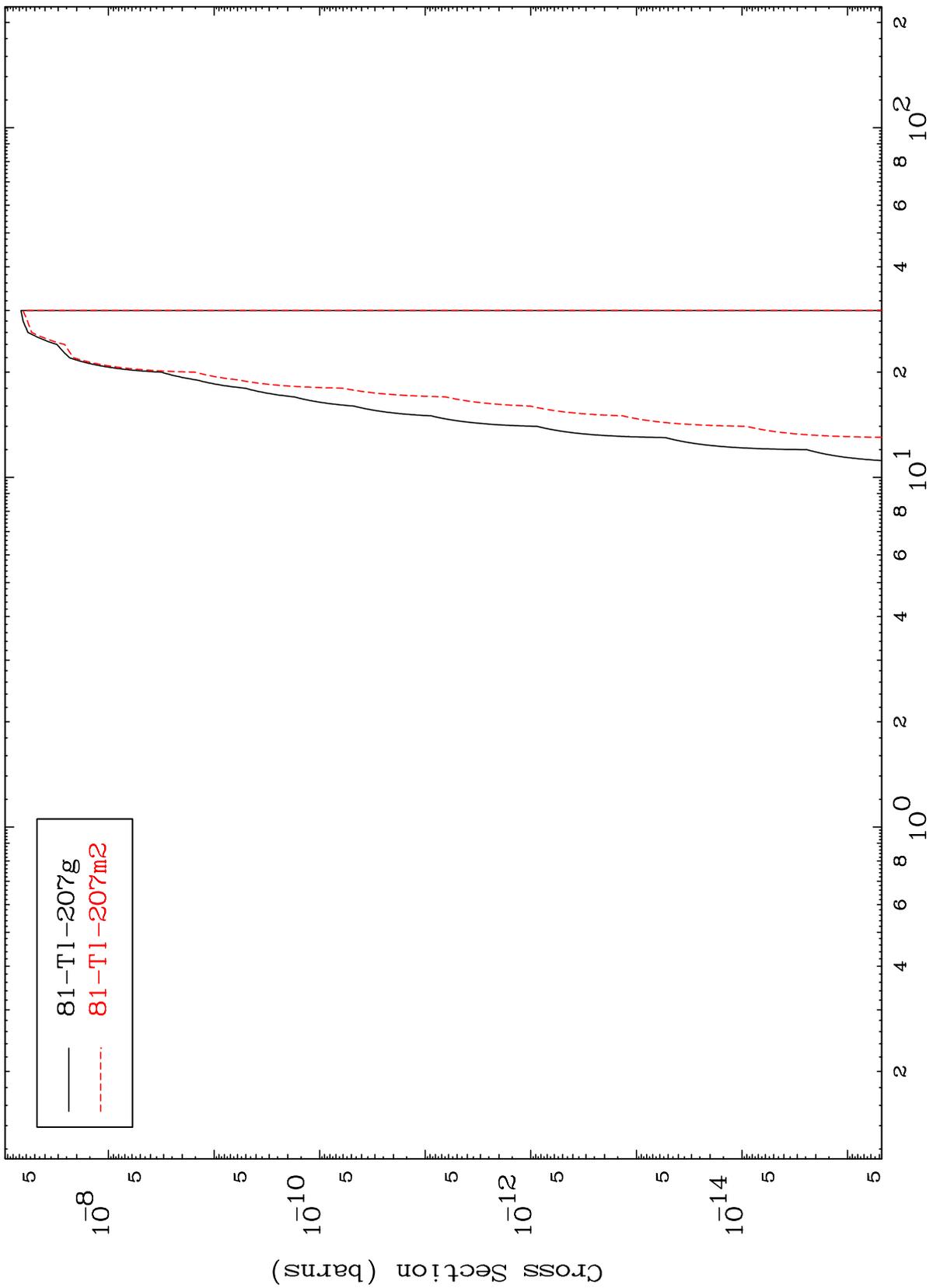
82-Pb-210

MAT 8243

(n,n') p α

82-Pb-210

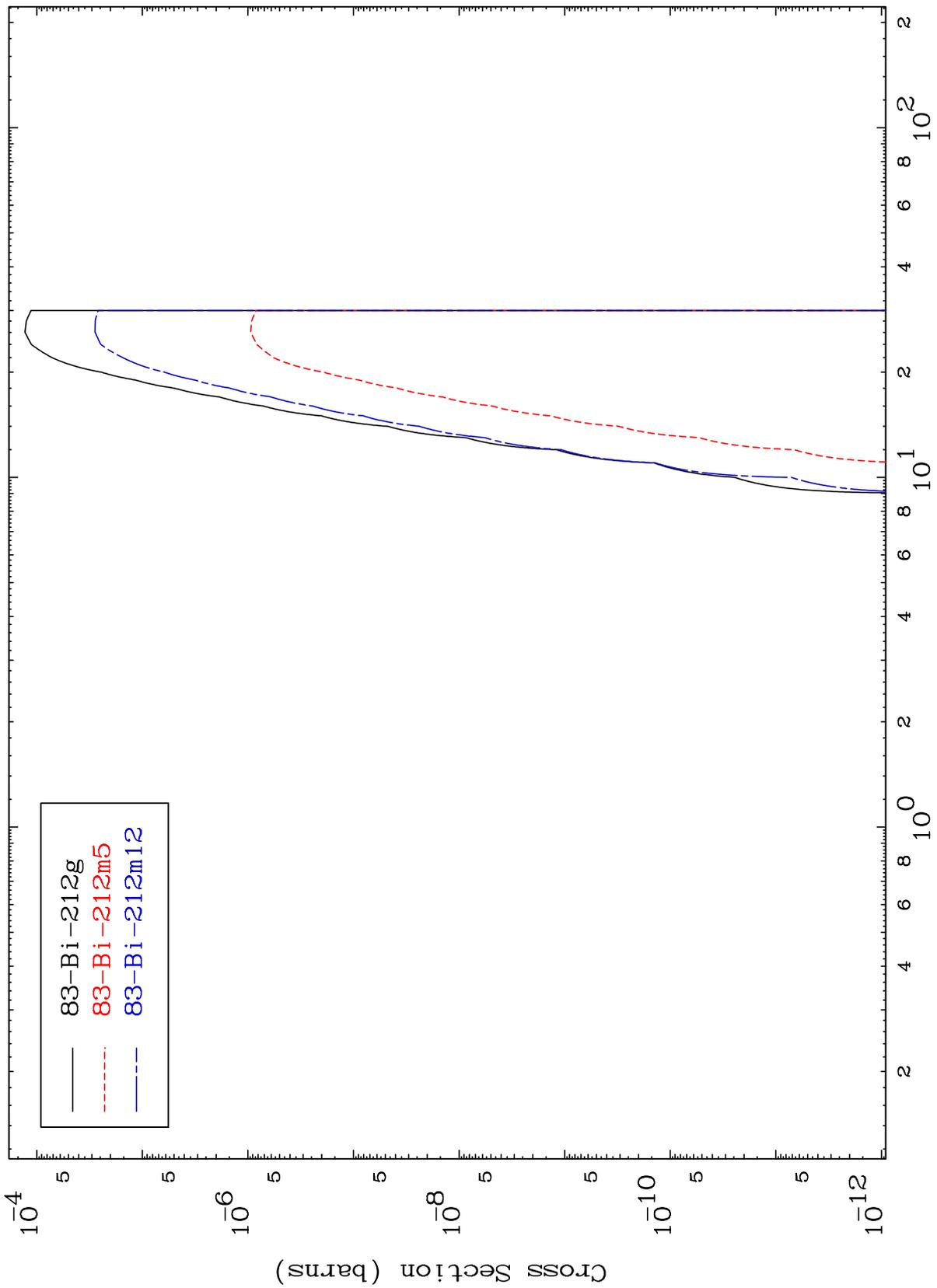
Radionuclide Production Cross Section



MAT 8243

82-Pb-210

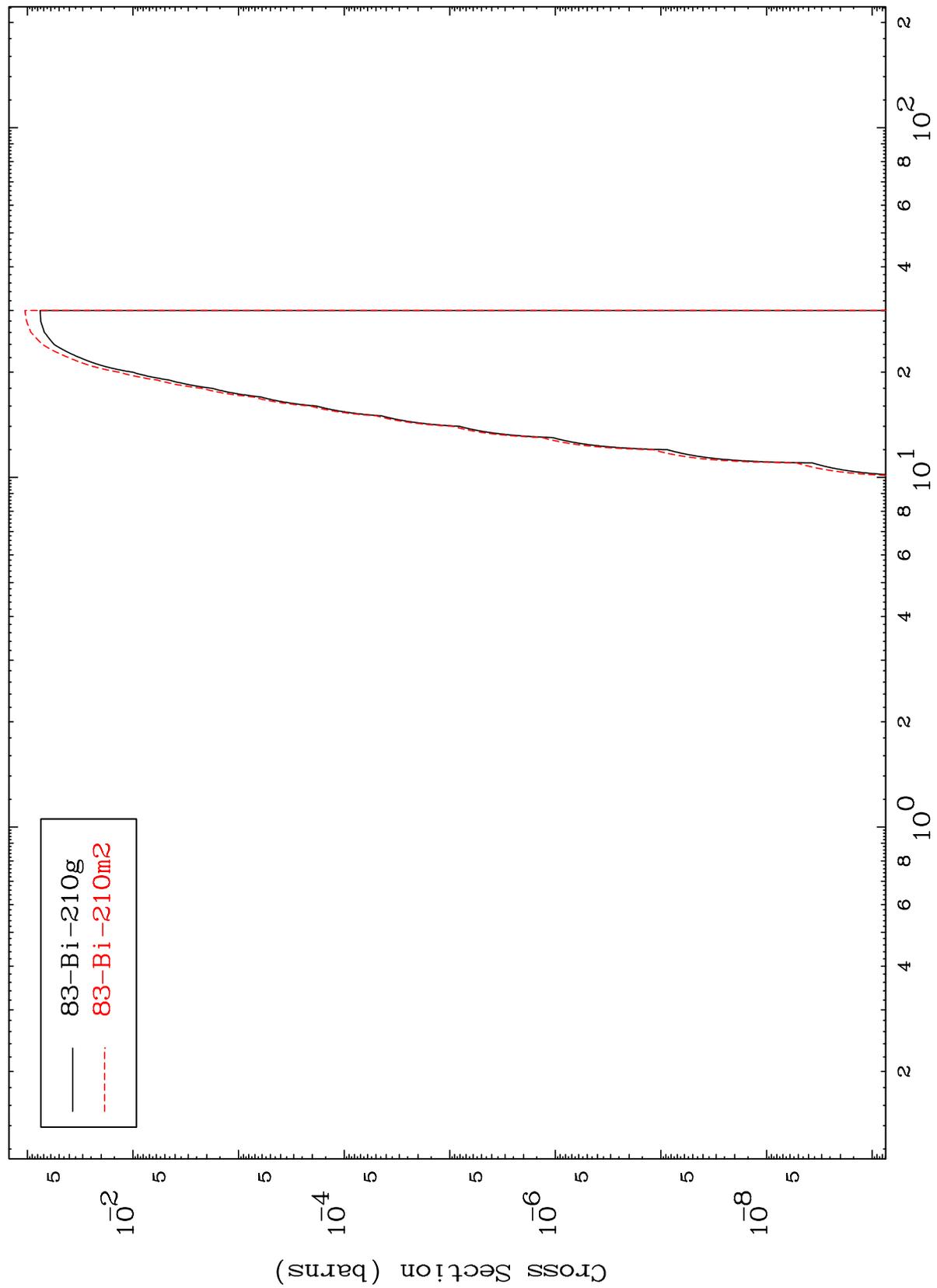
(n,p)
Radionuclide Production Cross Section



MAT 8243

82-Pb-210

(n, t)
Radionuclide Production Cross Section



20

82-Pb-210

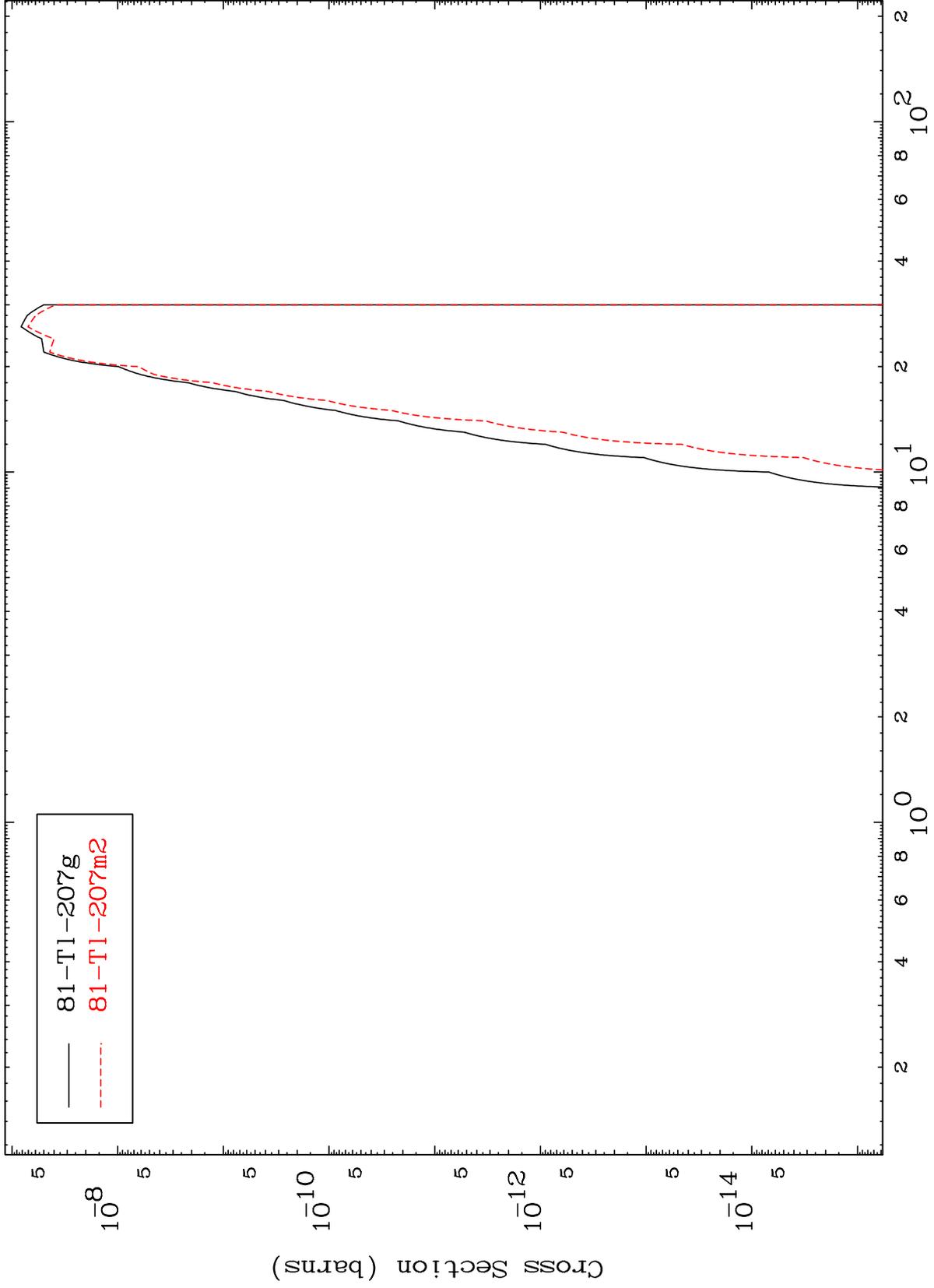
Incident Energy (MeV)

MAT 8243

(n,d) α

82-Pb-210

Radionuclide Production Cross Section



21

Incident Energy (MeV)

82-Pb-210