

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

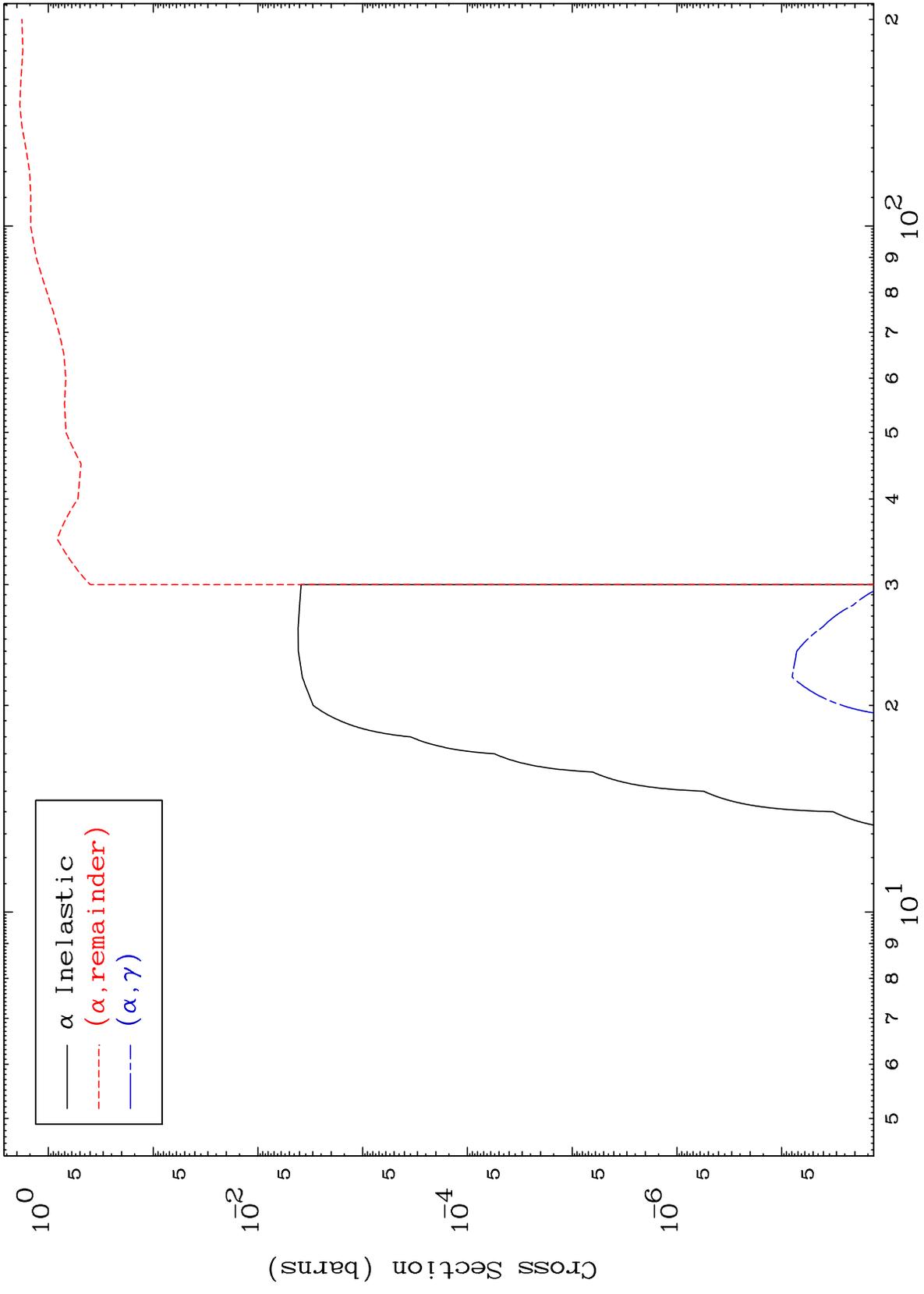
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9040

$\alpha$  Major  
0 Kelvin Cross Sections

90-Th-232

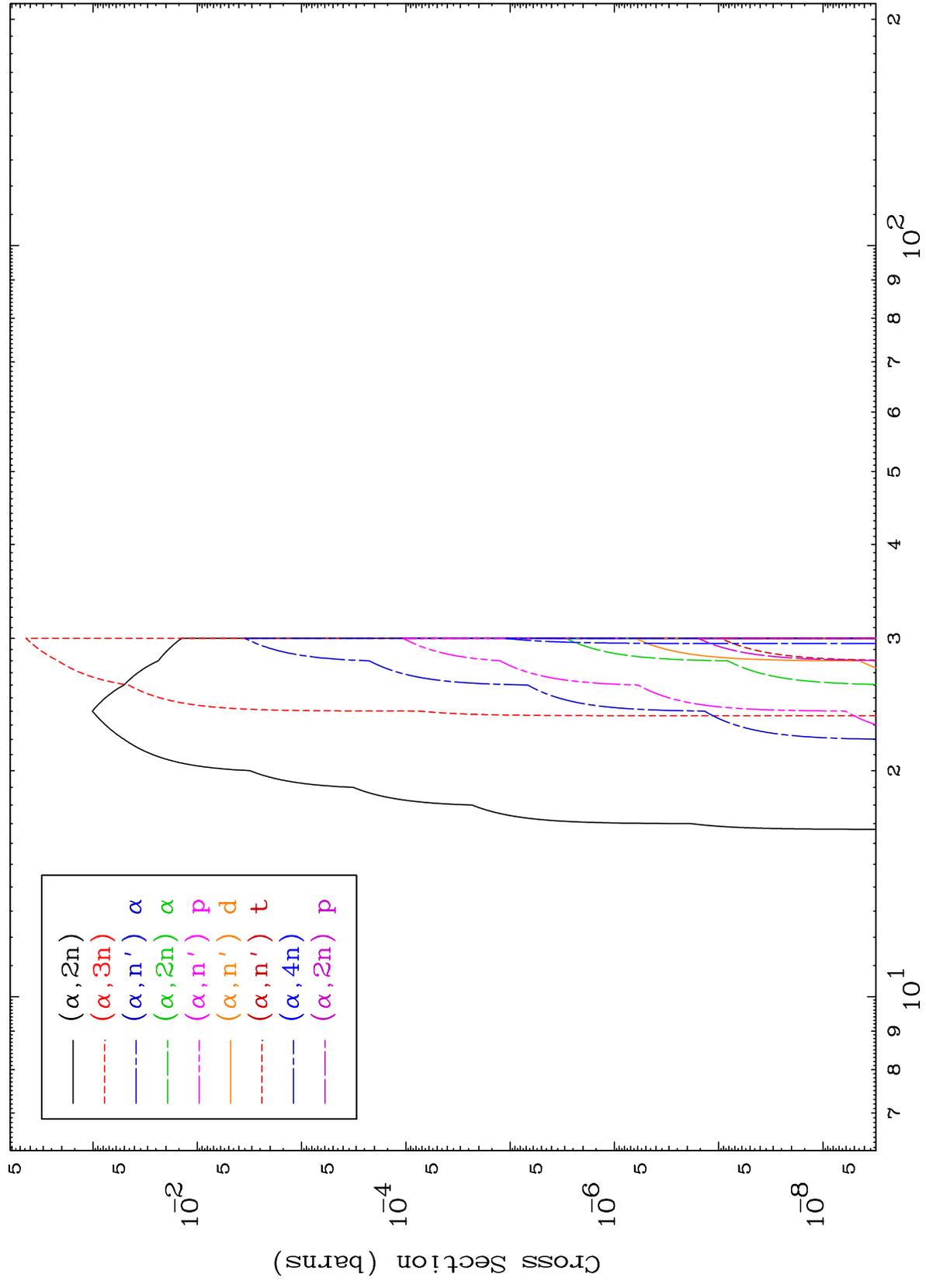


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

MAT 9040

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

90-Th-232



2

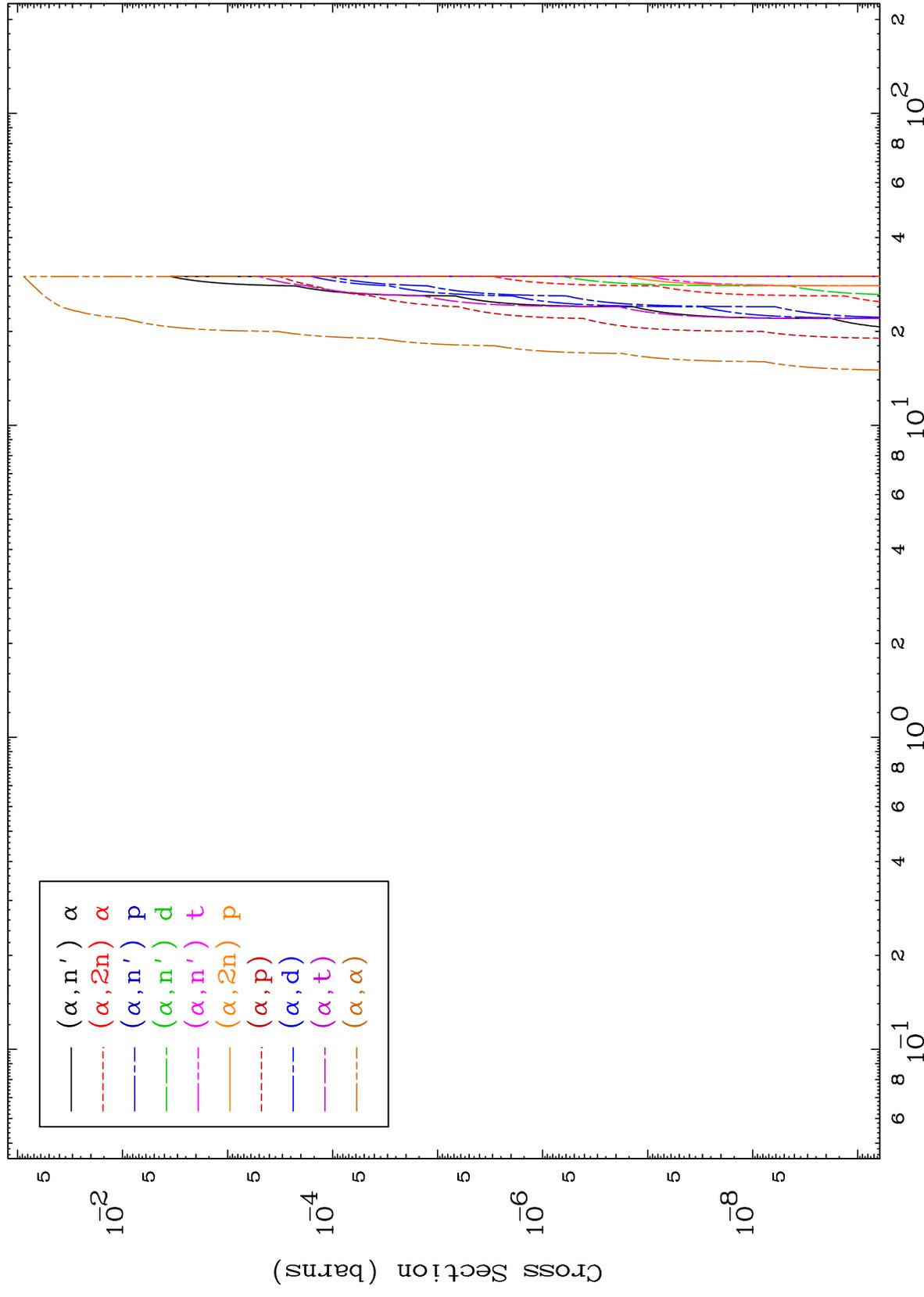
Incident Energy (MeV)

90-Th-232

MAT 9040

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

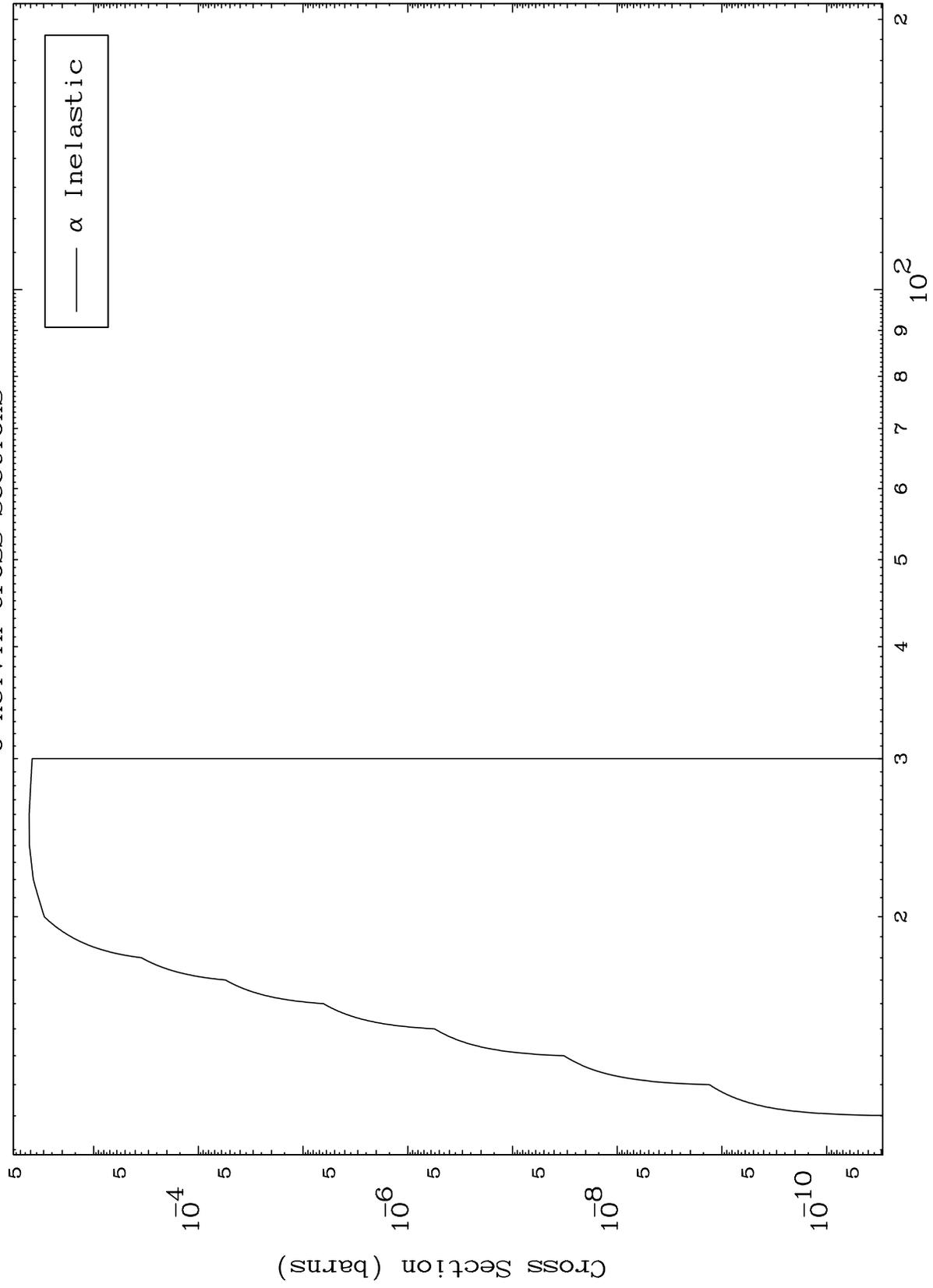
90-Th-232



MAT 9040

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

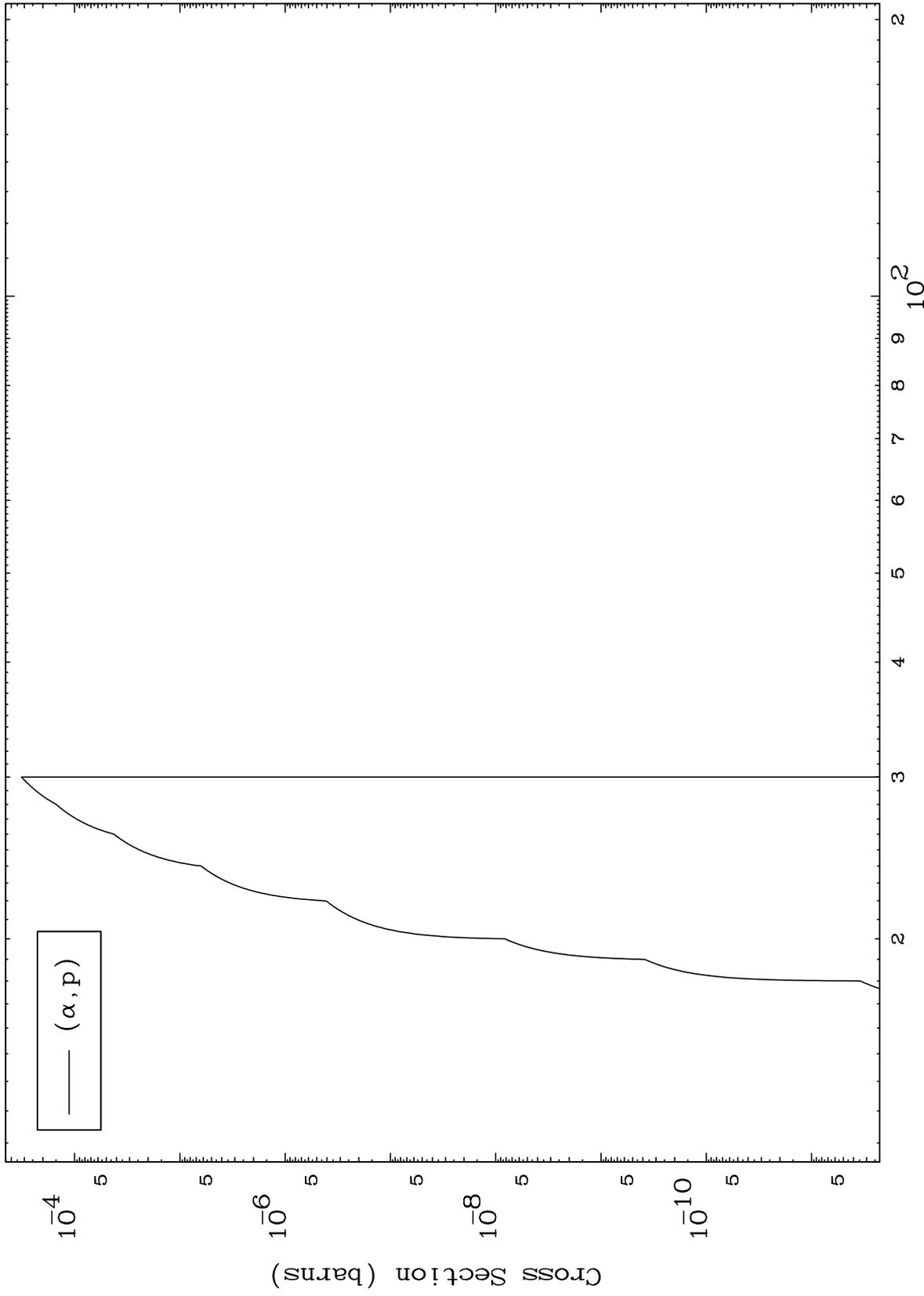
90-Th-232



4

Incident Energy (MeV)

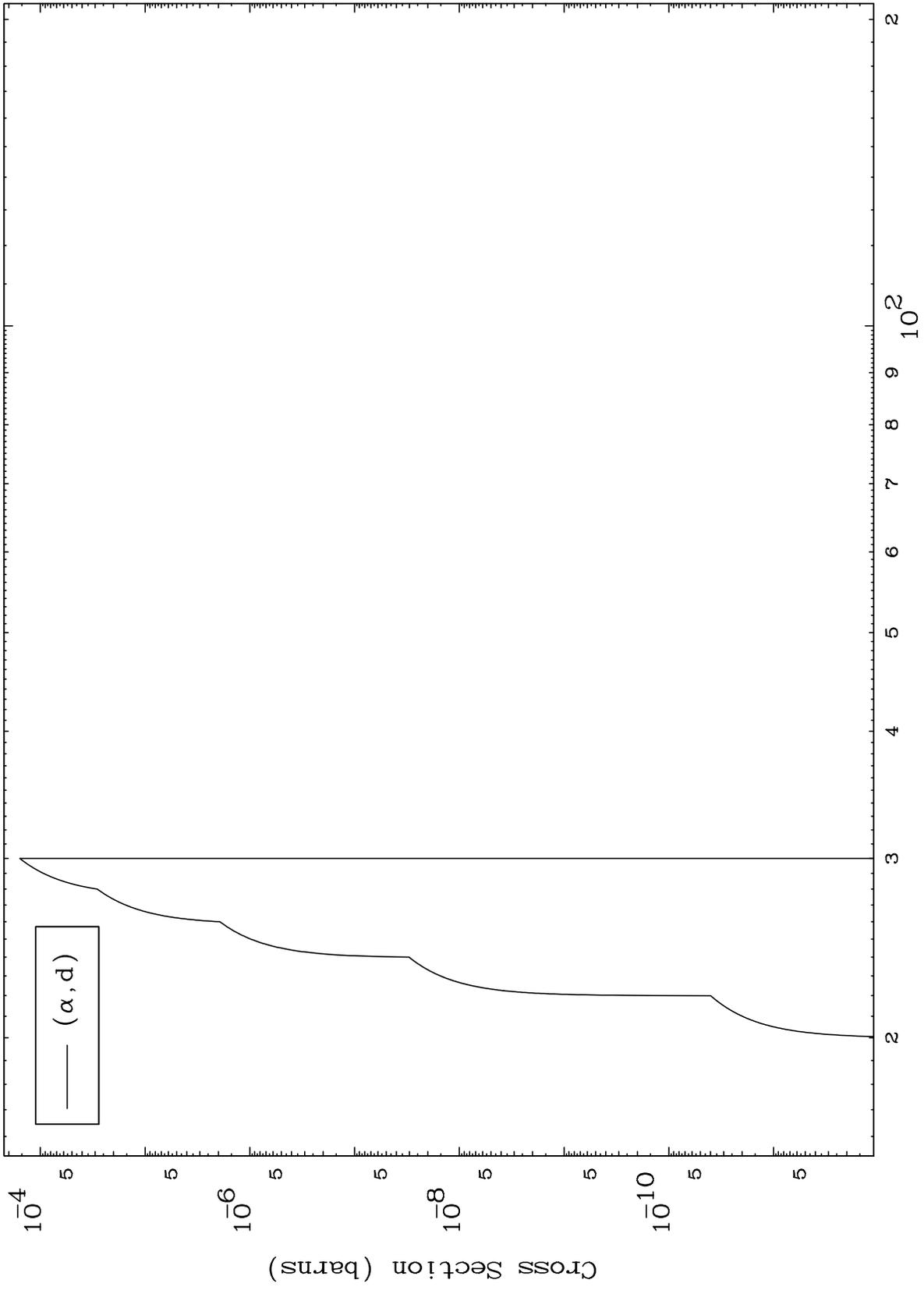
90-Th-232



MAT 9040

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

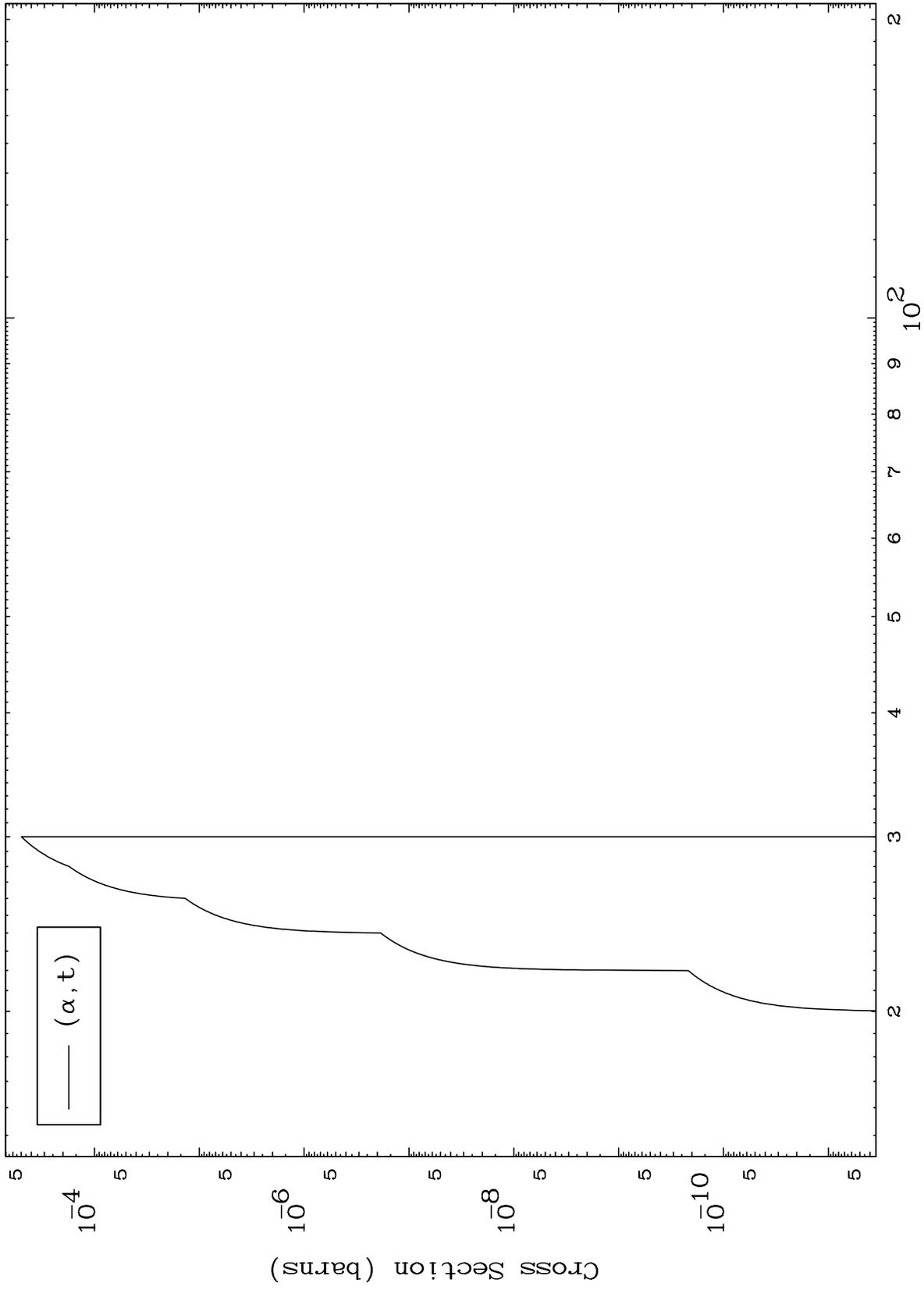
90-Th-232



MAT 9040

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

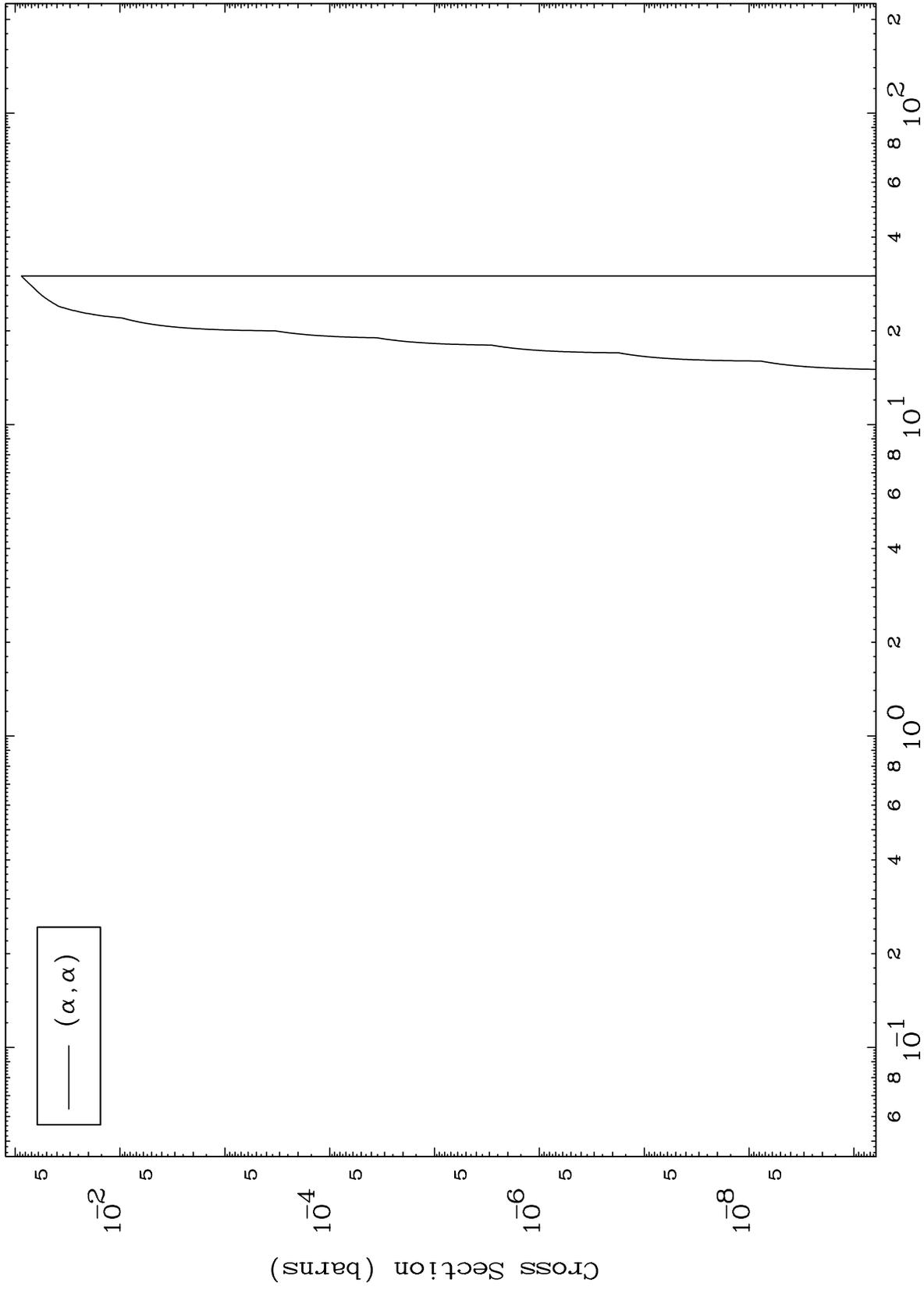
90-Th-232



MAT 9040

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

90-Th-232



8

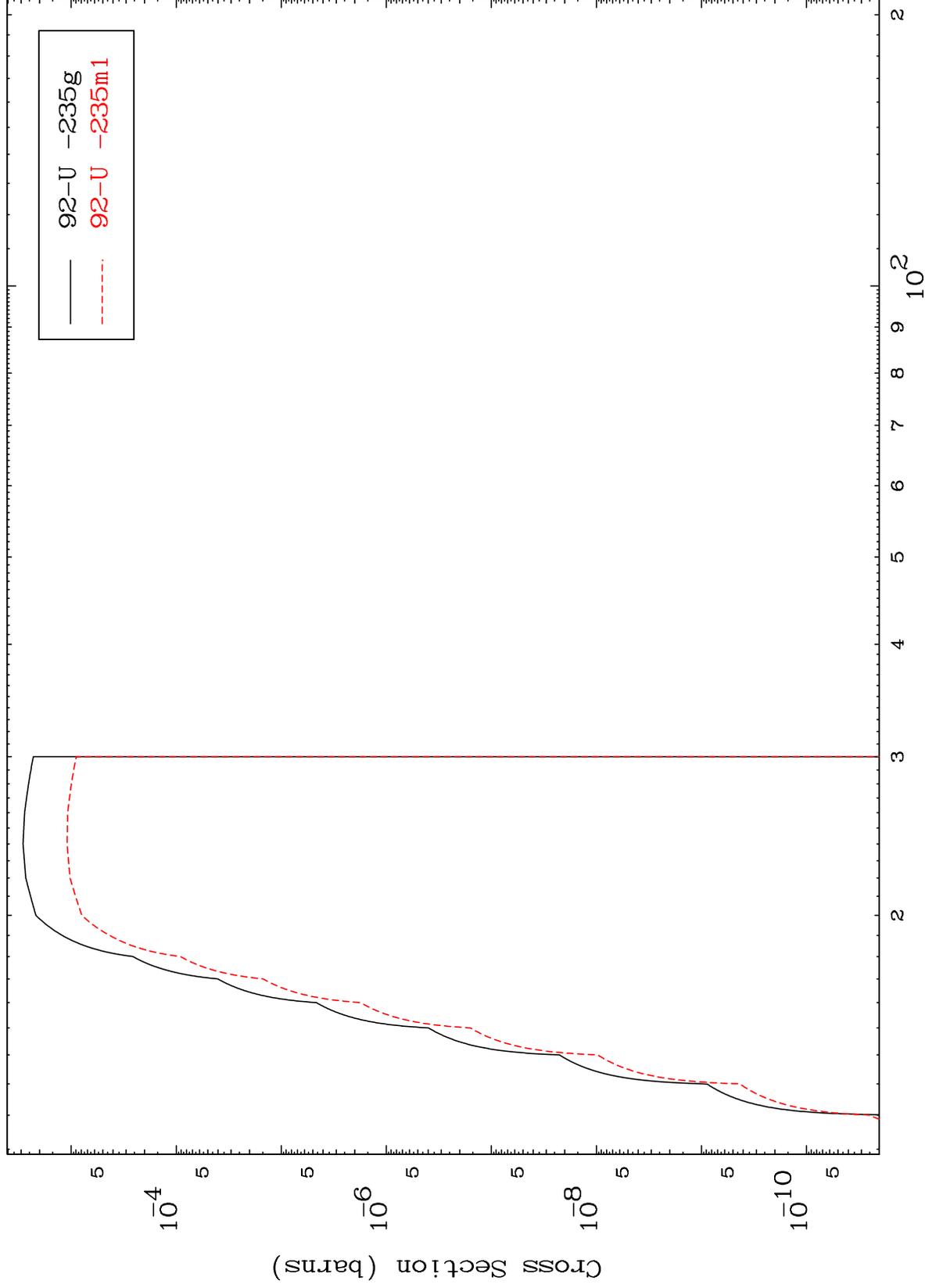
Incident Energy (MeV)

90-Th-232

MAT 9040

Radionuclide Production Cross Section

90-Th-232



9

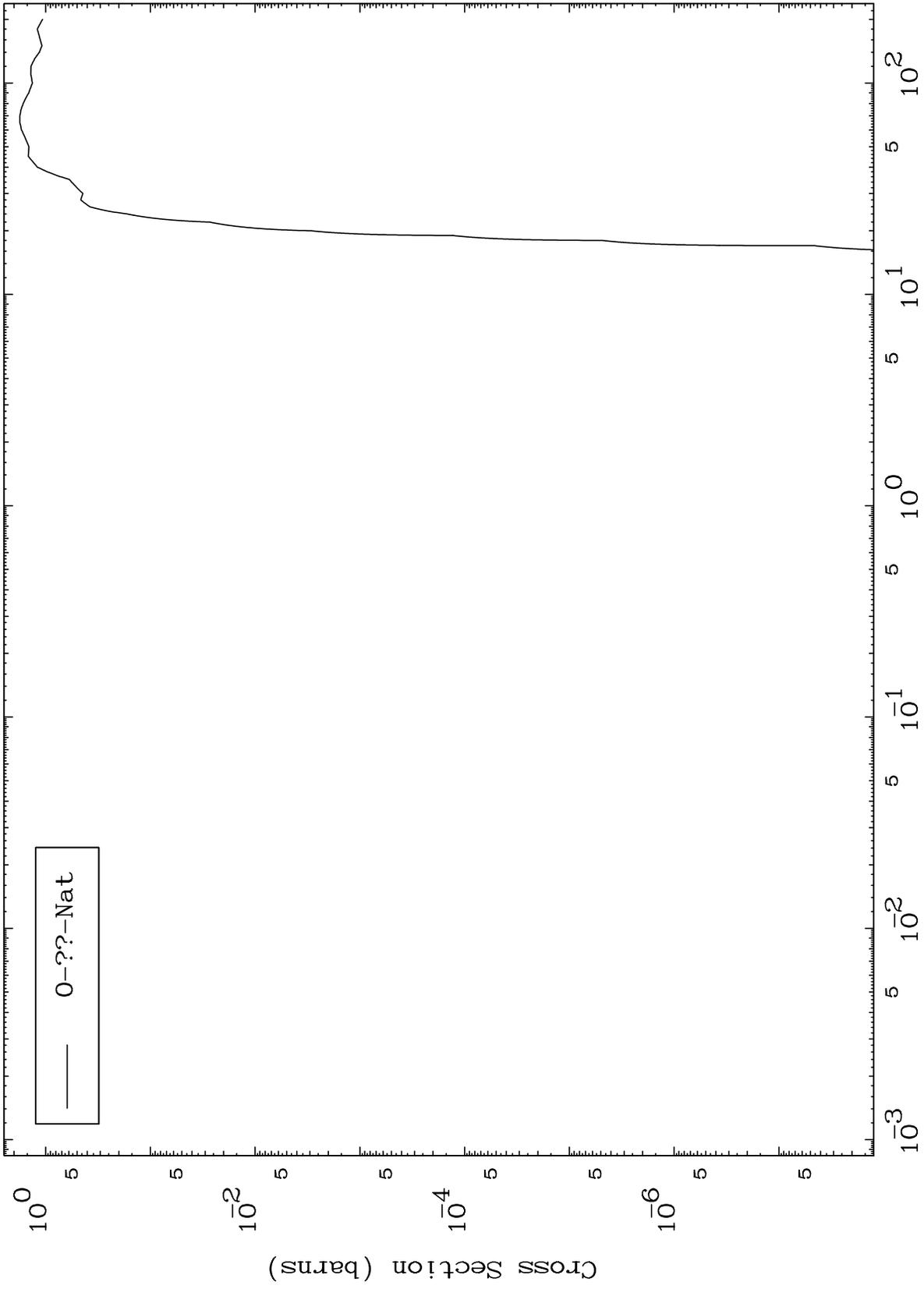
Incident Energy (MeV)

90-Th-232

MAT 9040

$\alpha$  Fission  
Radionuclide Production Cross Section

90-Th-232



Incident Energy (MeV)

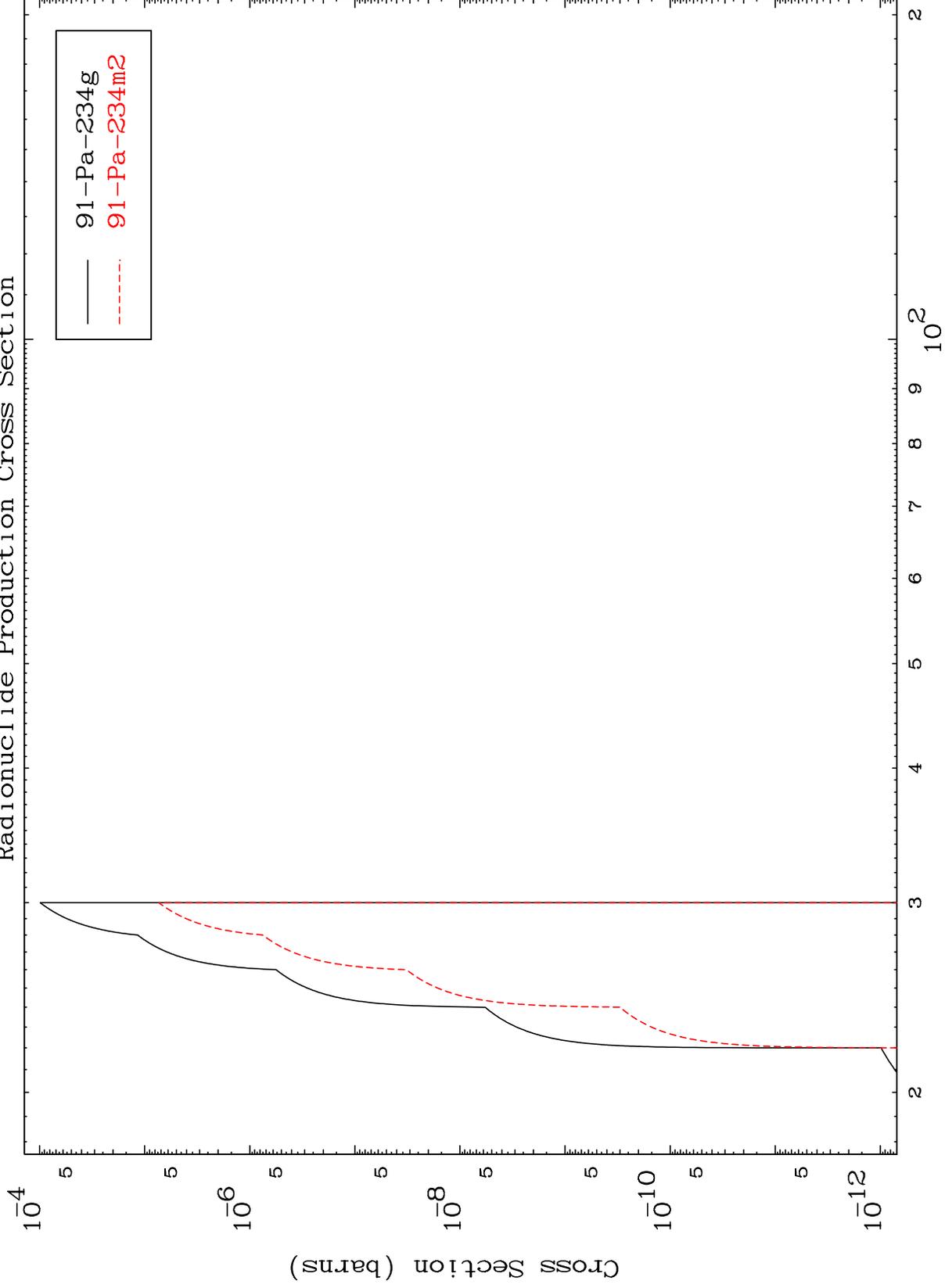
90-Th-232

MAT 9040

( $\alpha, n'$ ) p

90-Th-232

Radionuclide Production Cross Section



11

Incident Energy (MeV)

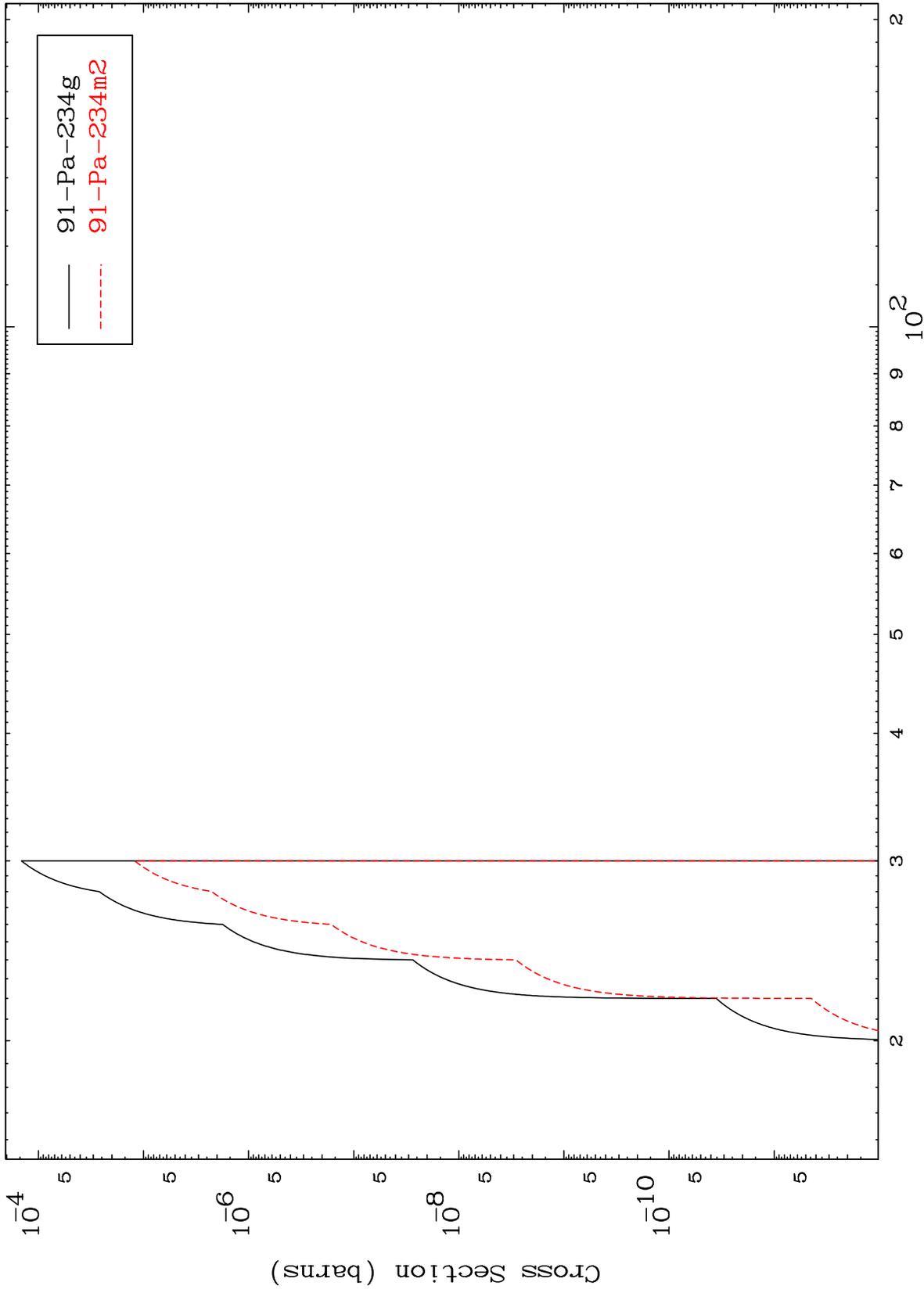
90-Th-232

MAT 9040

( $\alpha, d$ )

90-Th-232

Radionuclide Production Cross Section



12

Incident Energy (MeV)

90-Th-232