

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

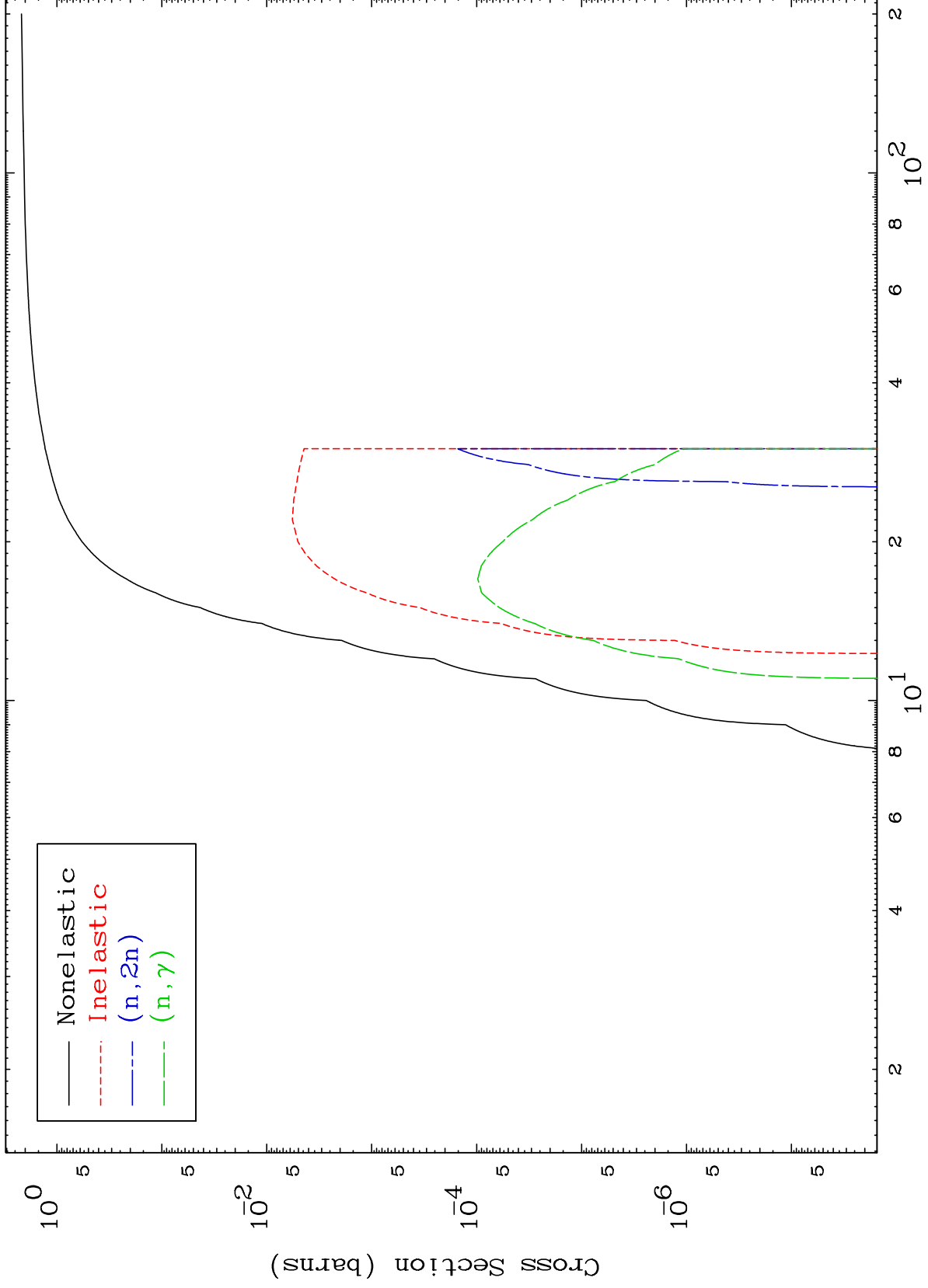
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5480

0 Kelvin Major  $\alpha$  Cross Sections

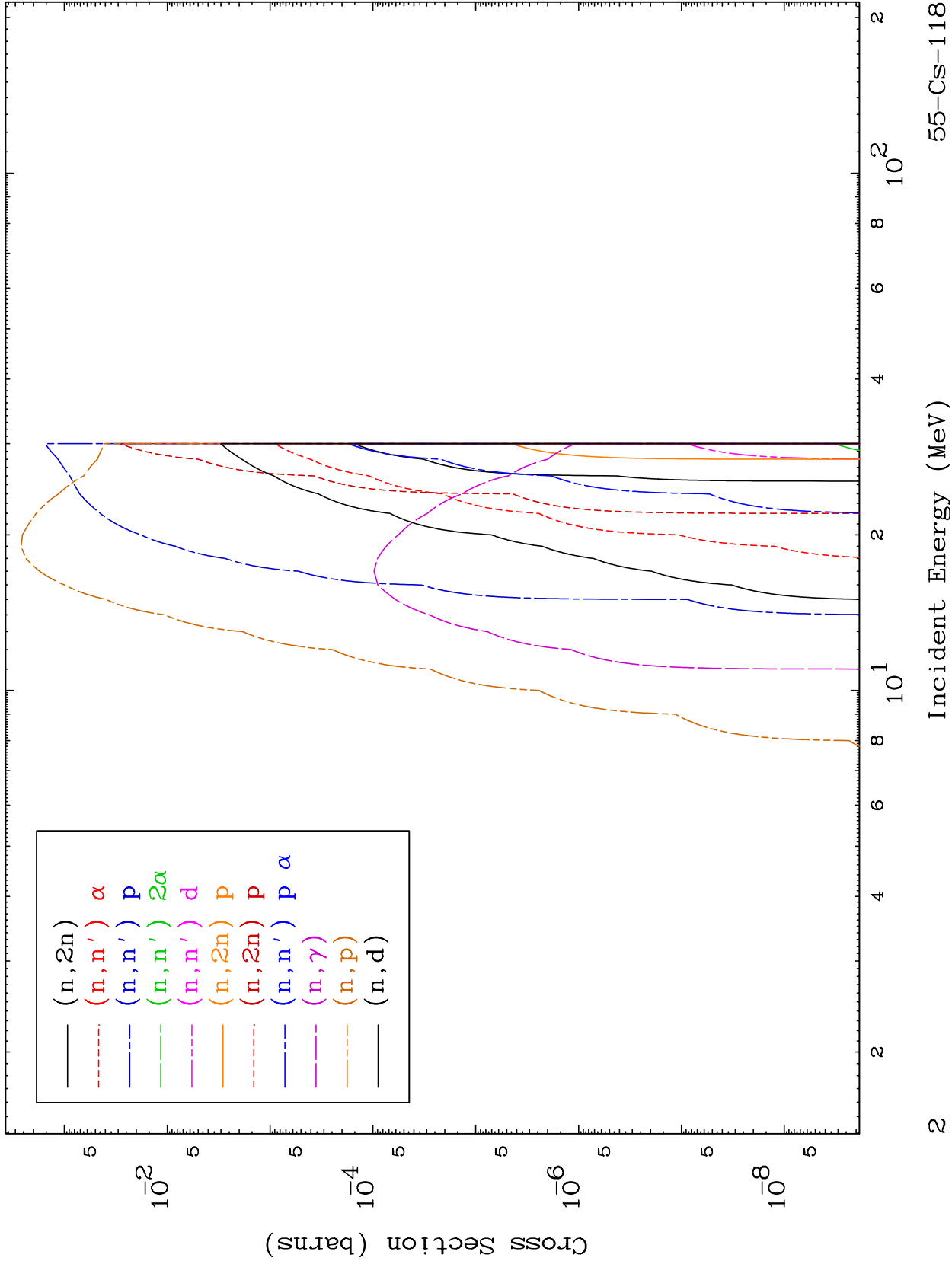
55-Cs-118

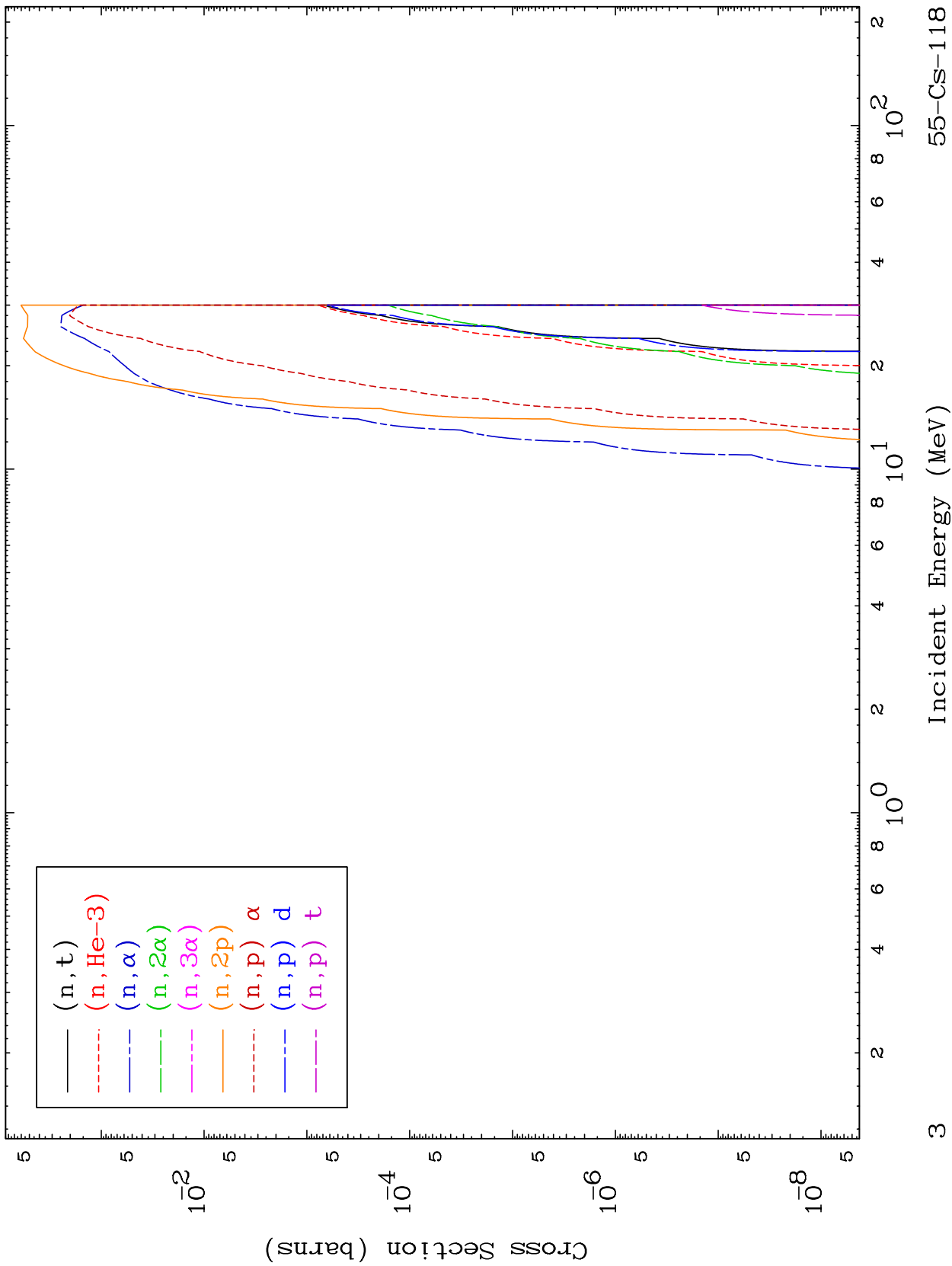


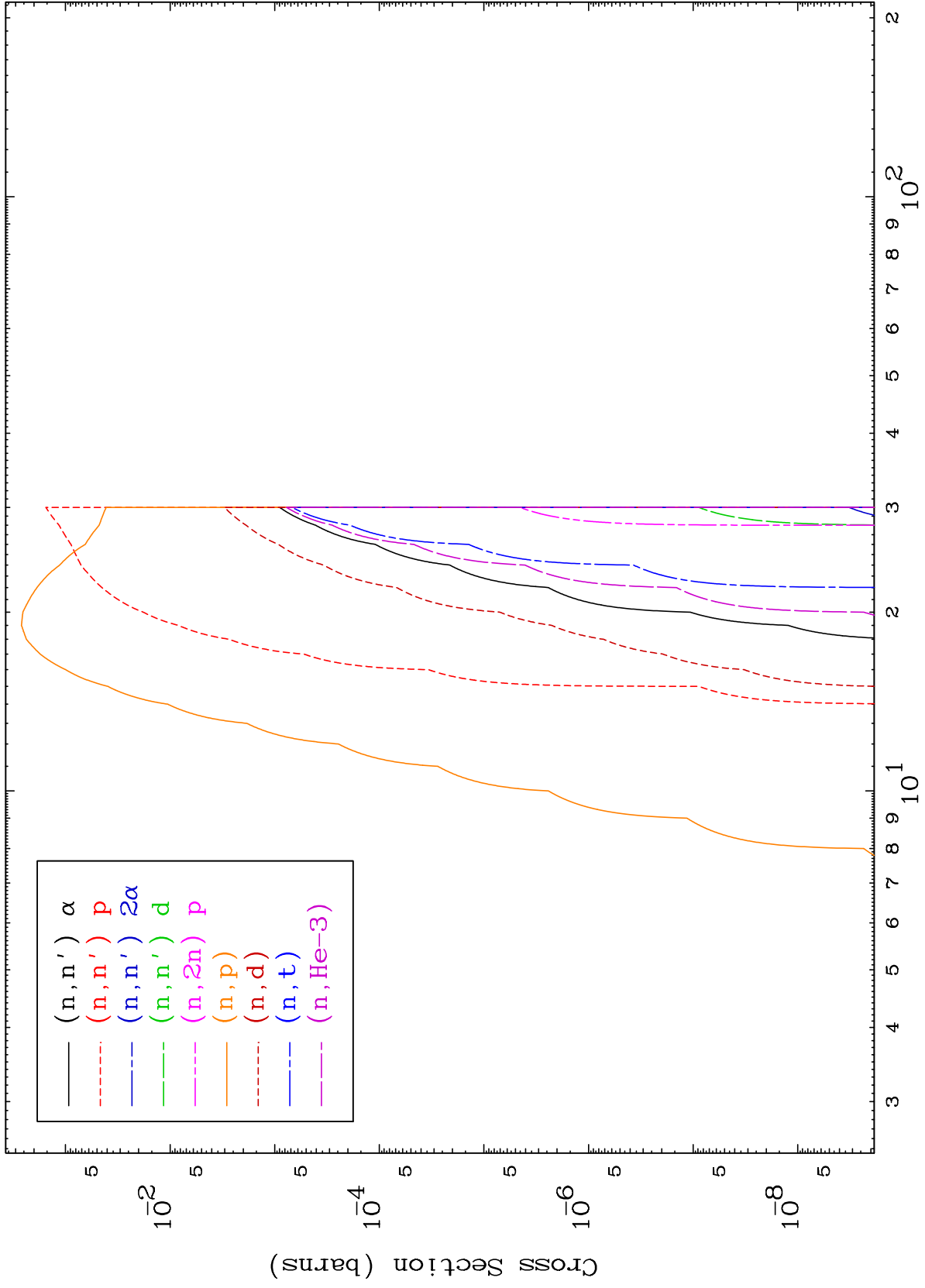
1

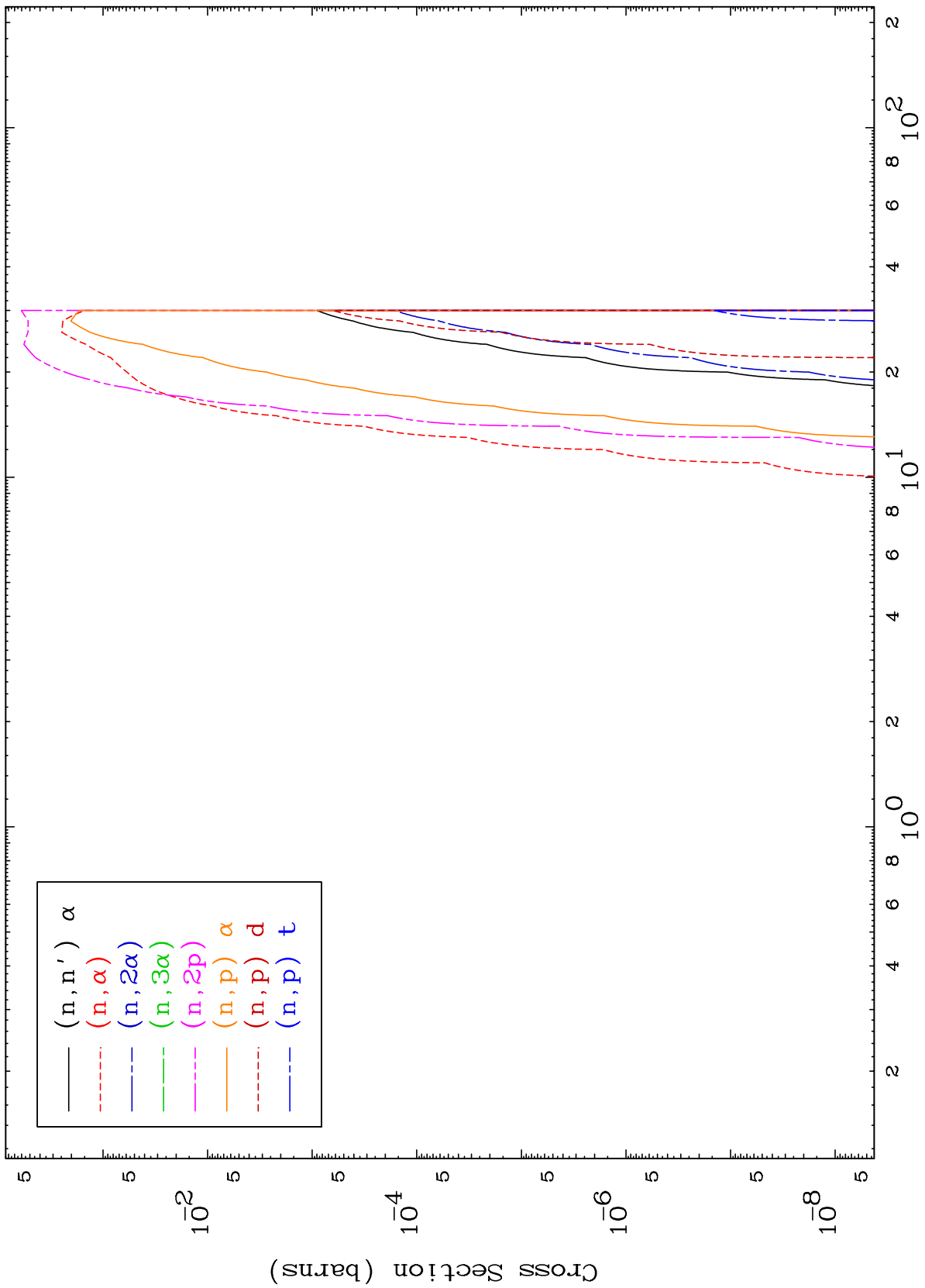
Incident Energy (MeV)

55-Cs-118







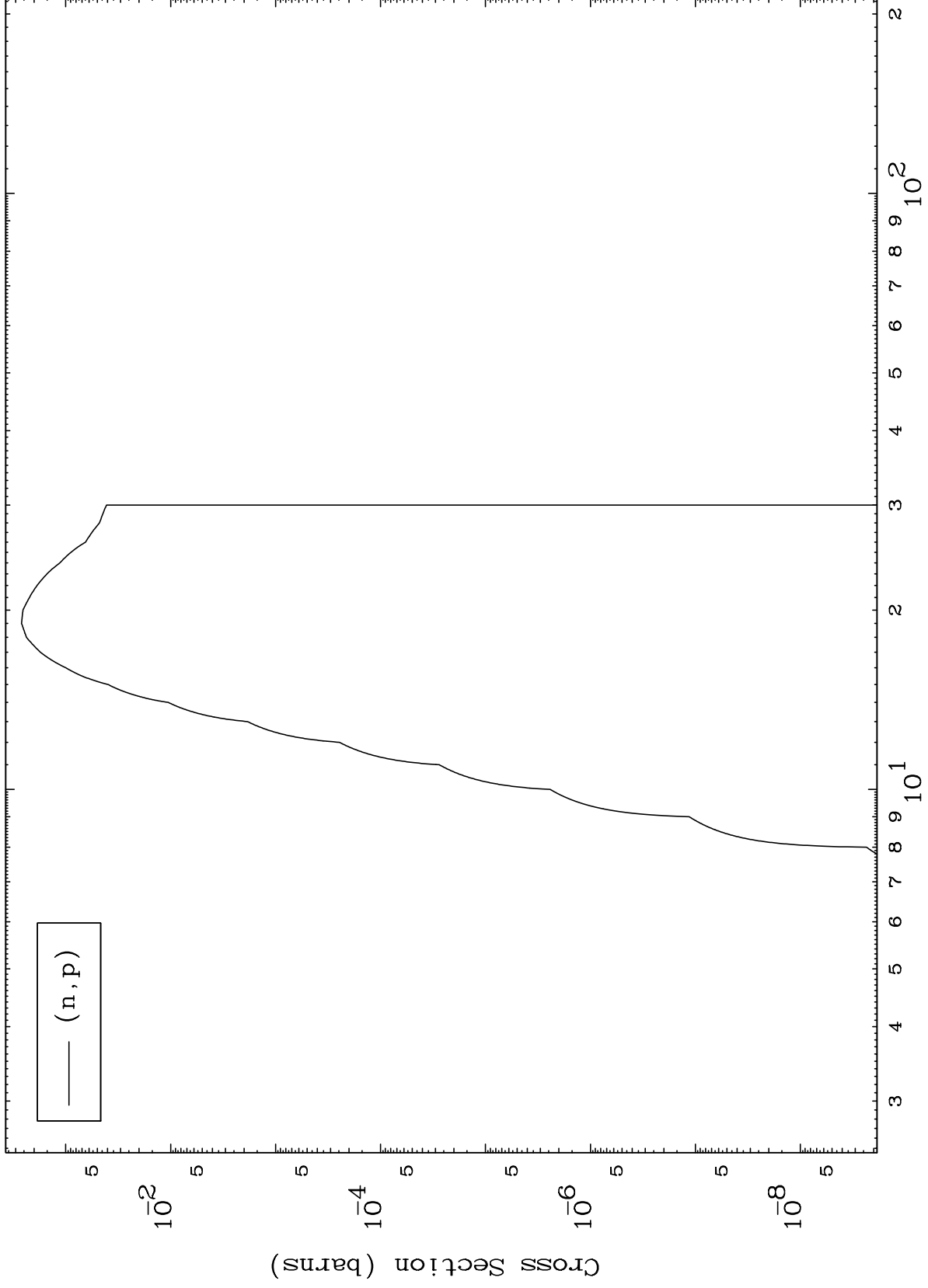


MAT 5480

( $\alpha, p$ ) Levels

55-Cs-118

0 Kelvin Cross Sections



6

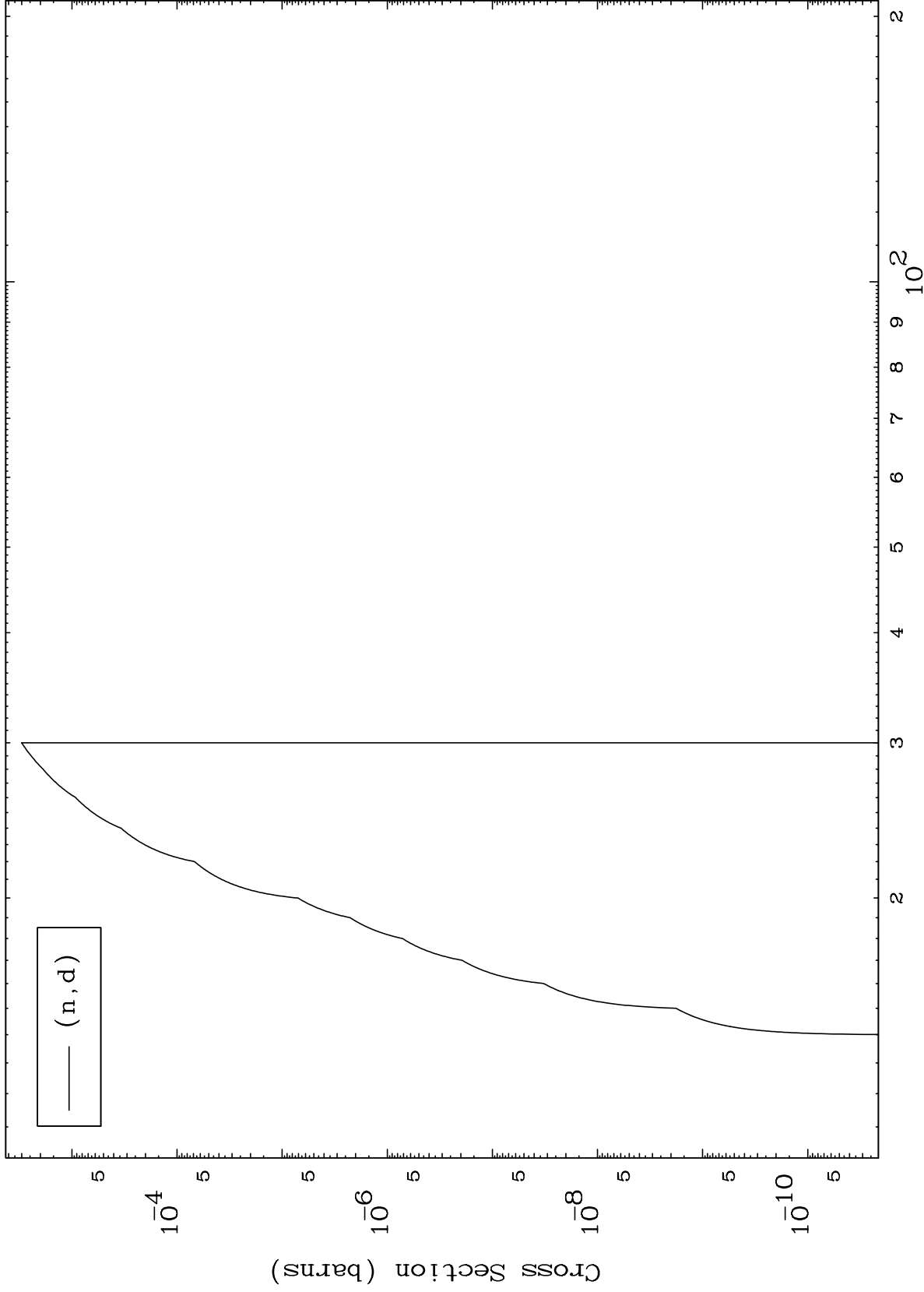
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



7

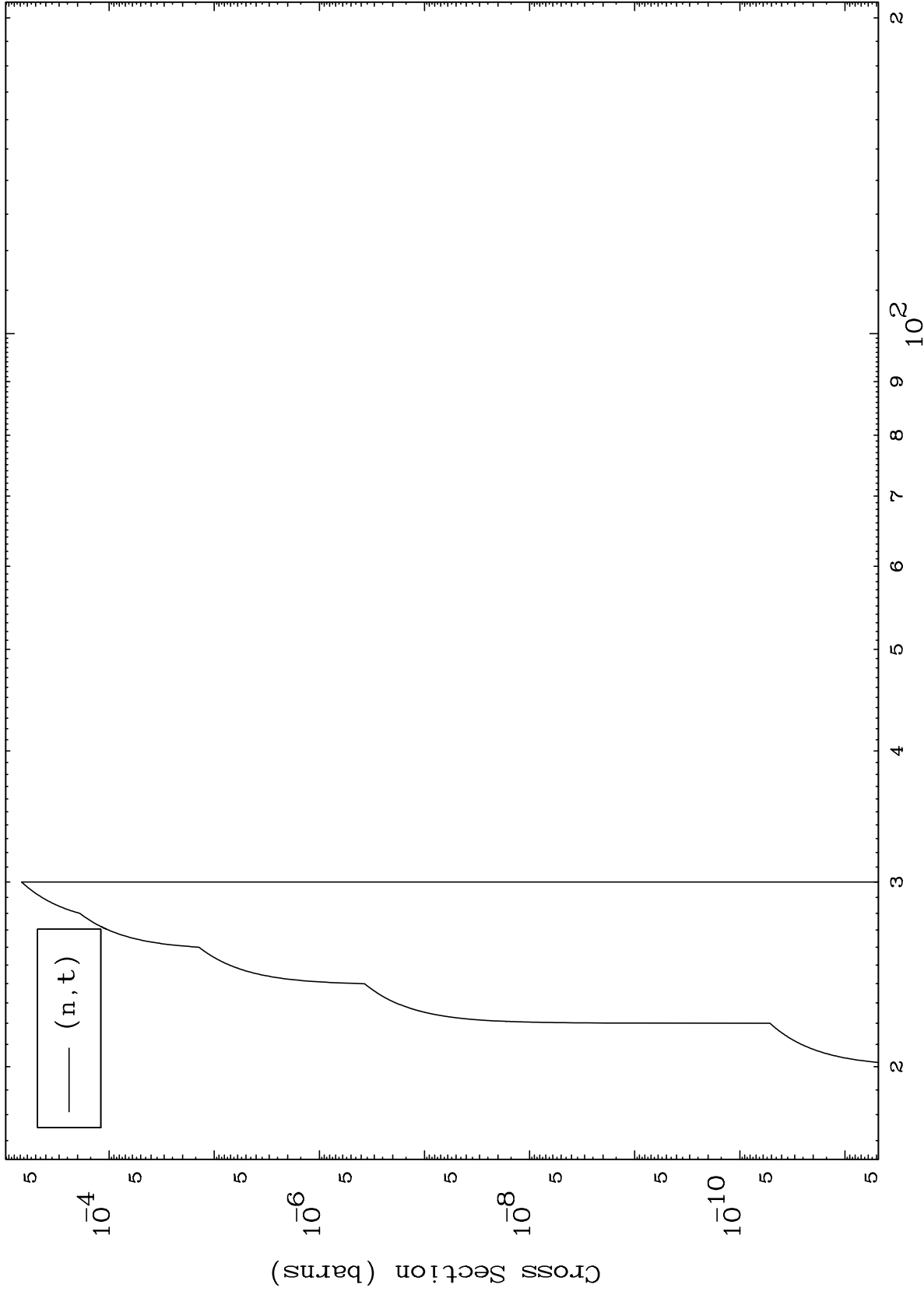
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



8

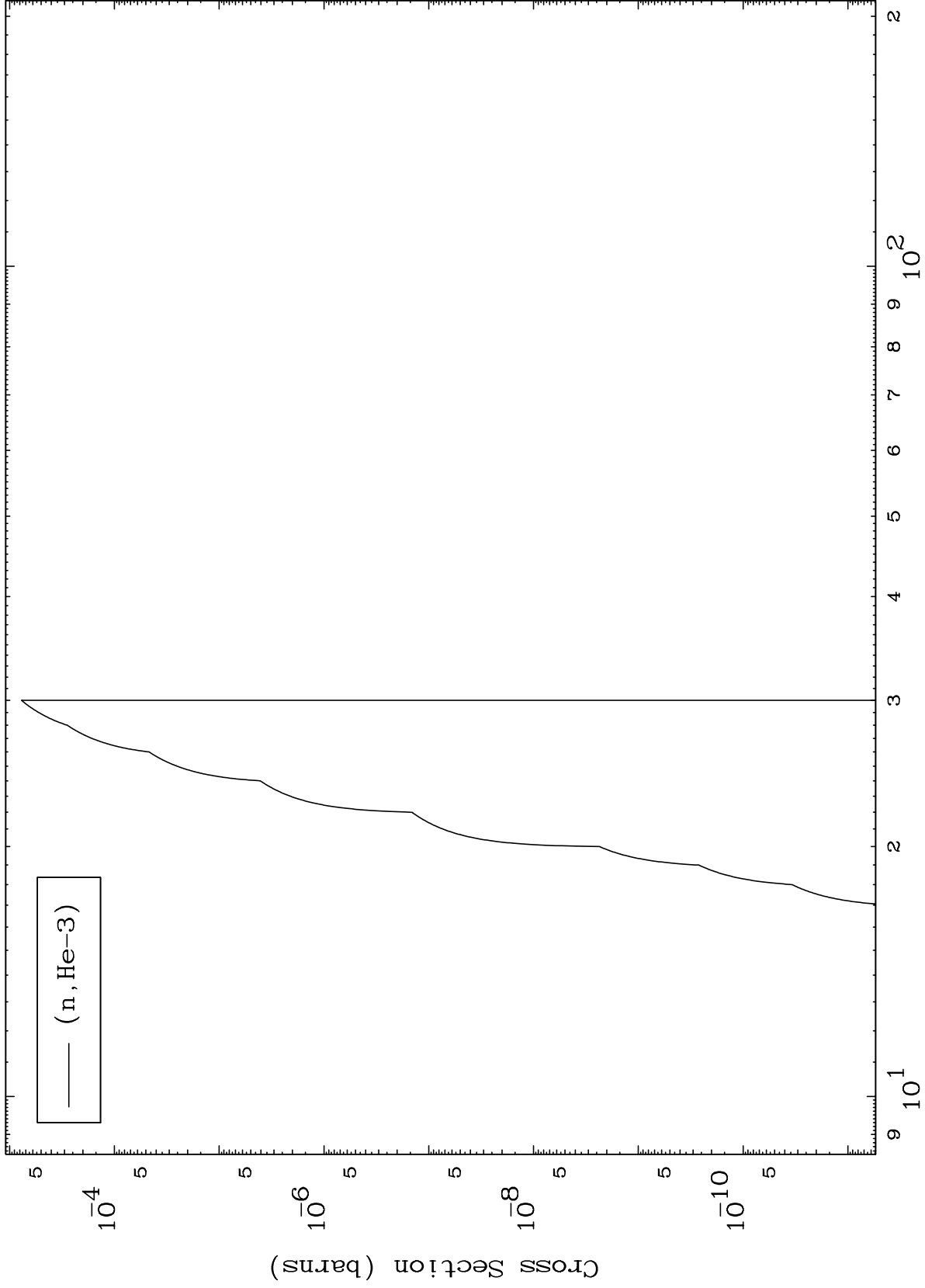
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



9

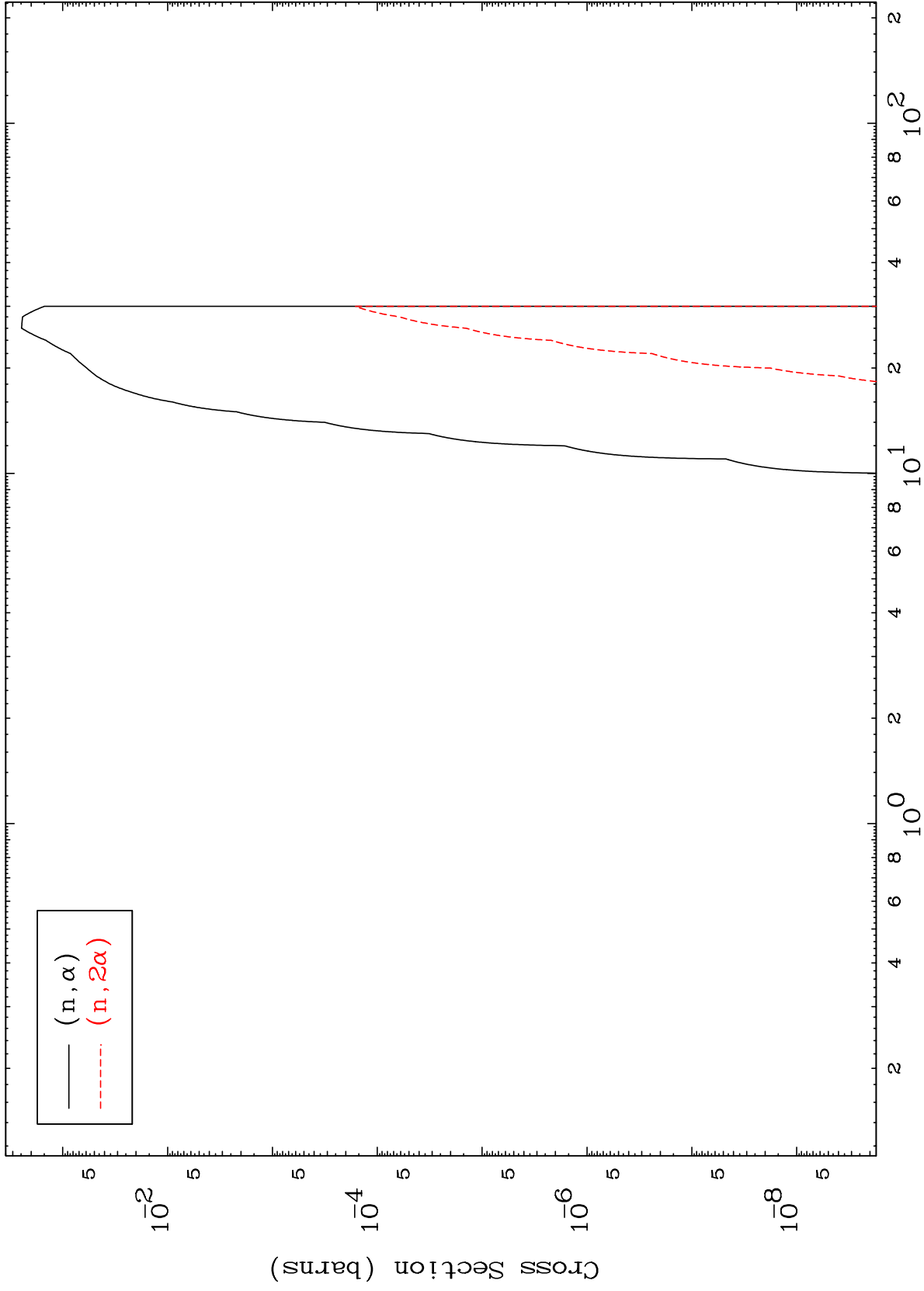
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



10

Incident Energy (MeV)

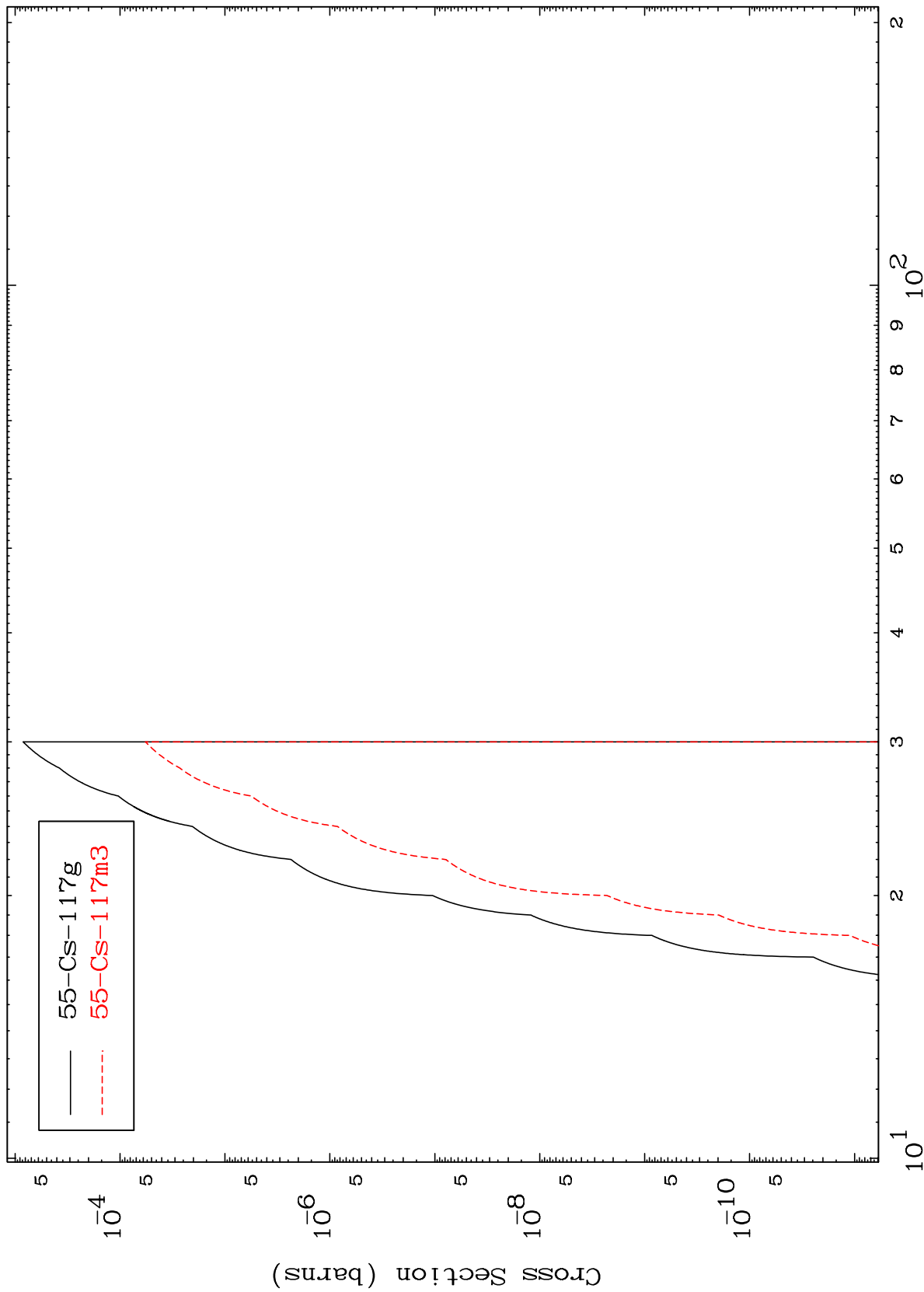
55-Cs-118

MAT 5480

(n,n')  $\alpha$

55-Cs-118

Radionuclide Production Cross Section



11

Incident Energy (MeV)

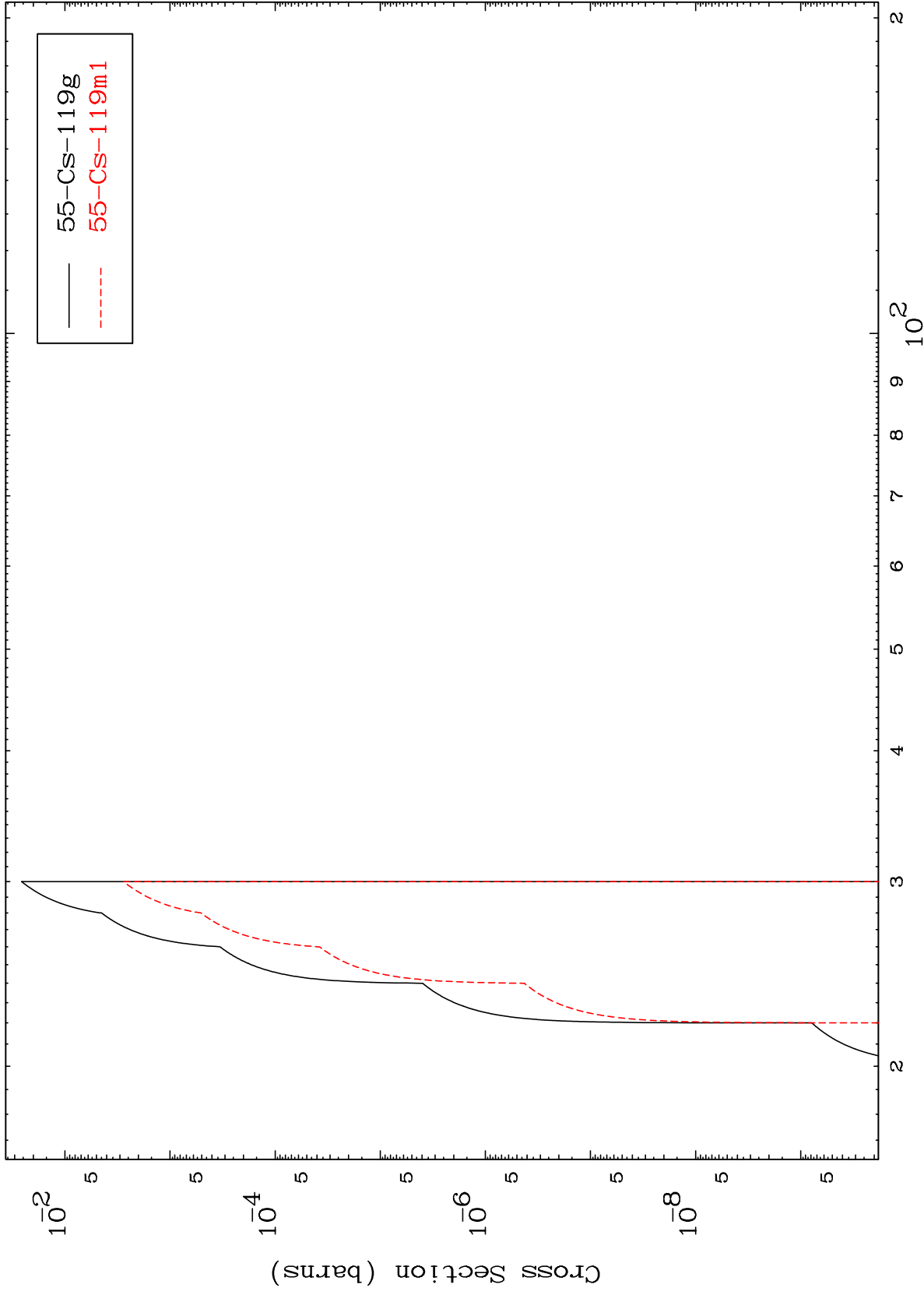
55-Cs-118

MAT 5480

(n,2n) p

55-Cs-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

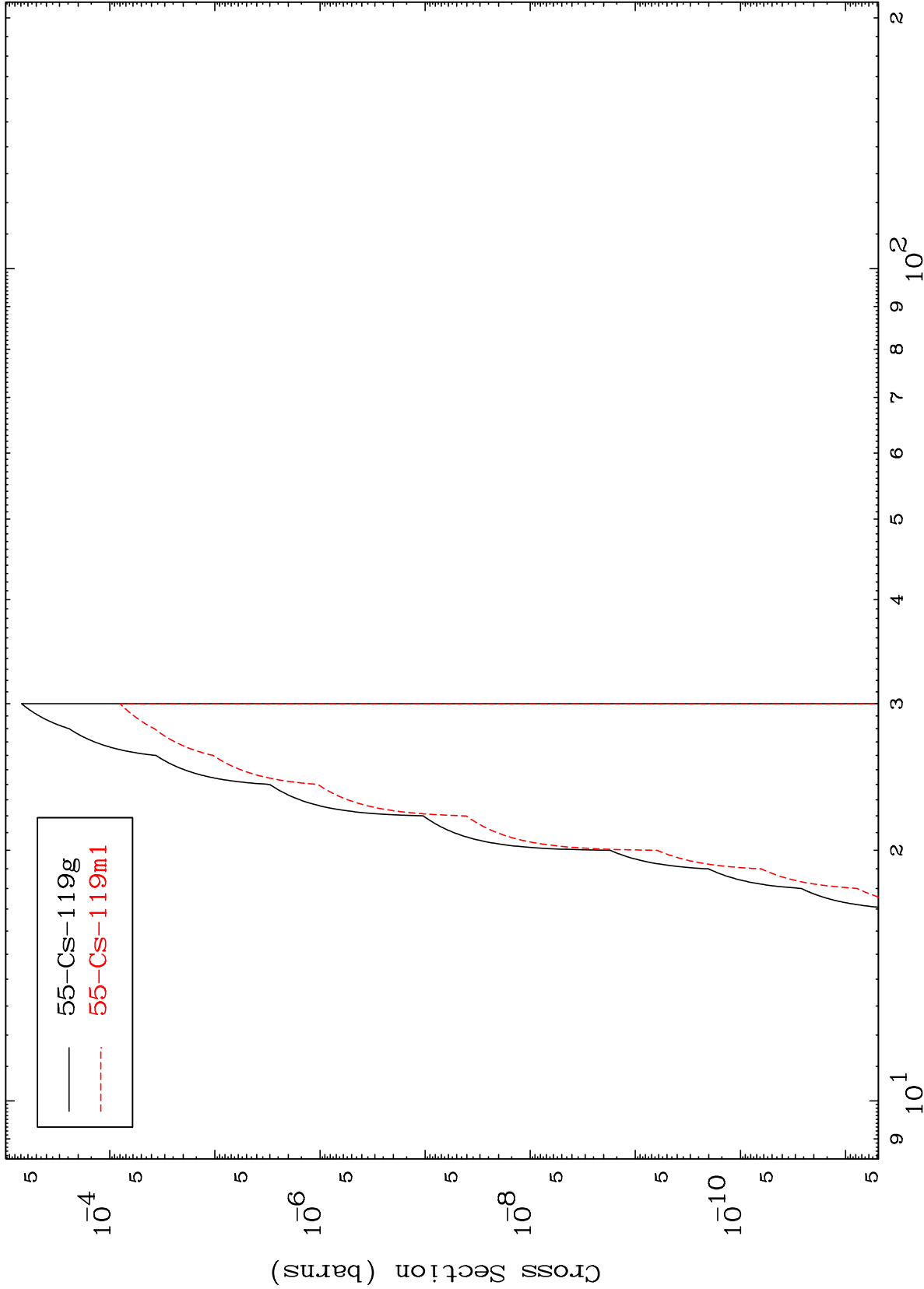
55-Cs-118

MAT 5480

(n,He-3)

55-Cs-118

Radionuclide Production Cross Section



55-Cs-119g  
55-Cs-119m1

Incident Energy (MeV)

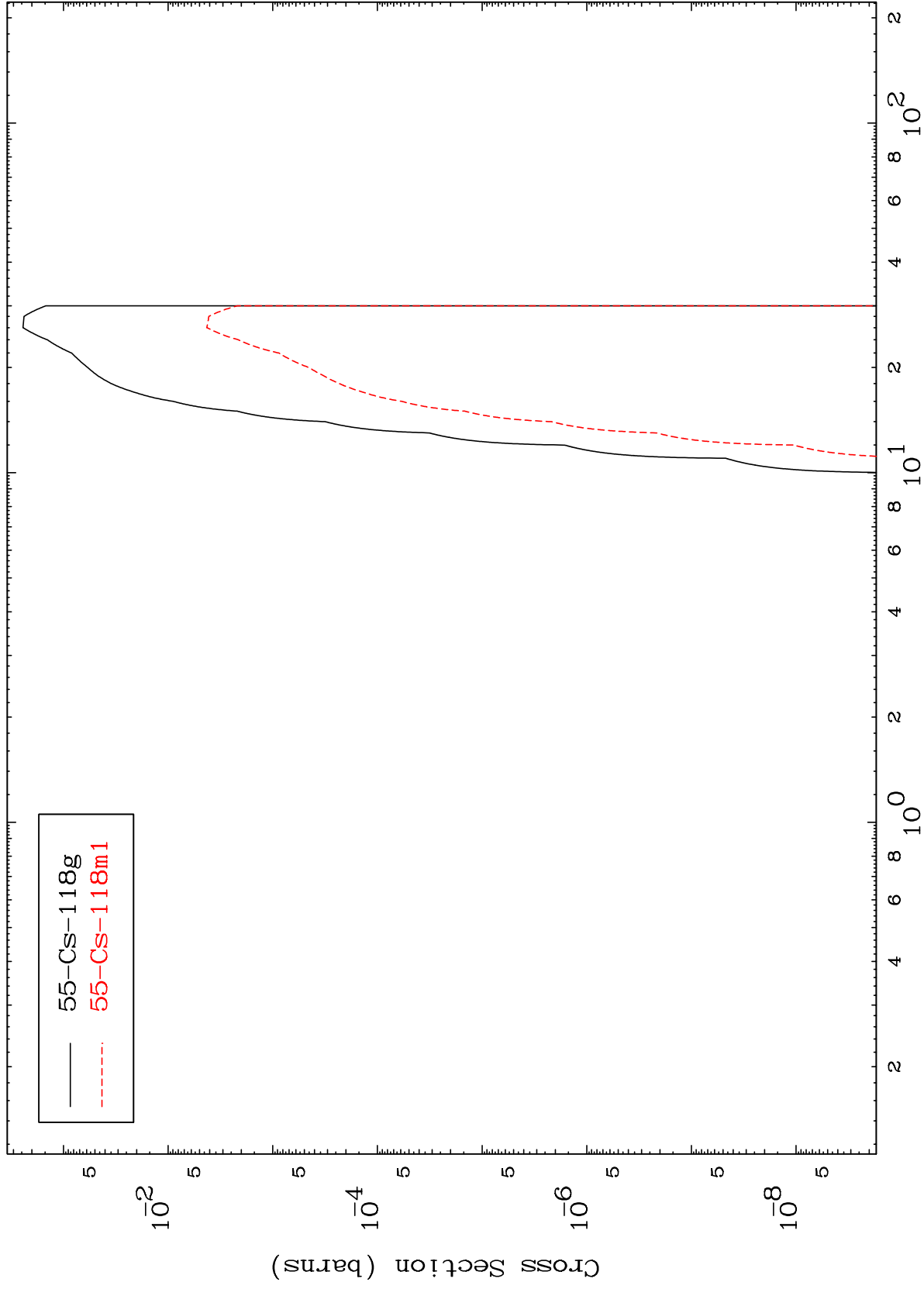
55-Cs-118

13

MAT 5480

55-Cs-118

Radionuclide Production Cross Section



55-Cs-118

Incident Energy (MeV)

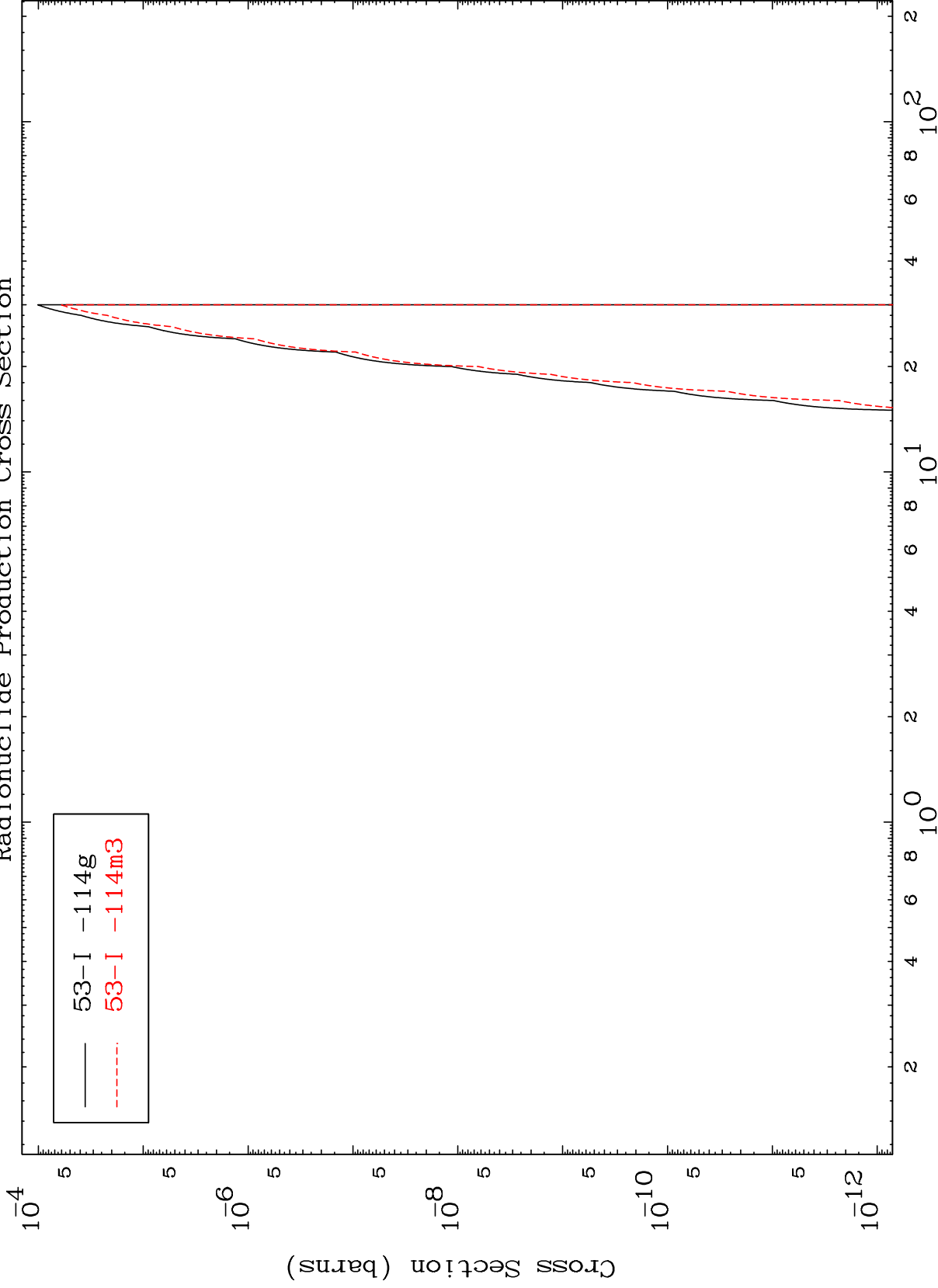
14

MAT 5480

(n,2α)

55-Cs-118

Radionuclide Production Cross Section



53-I-114g  
53-I-114m3

15

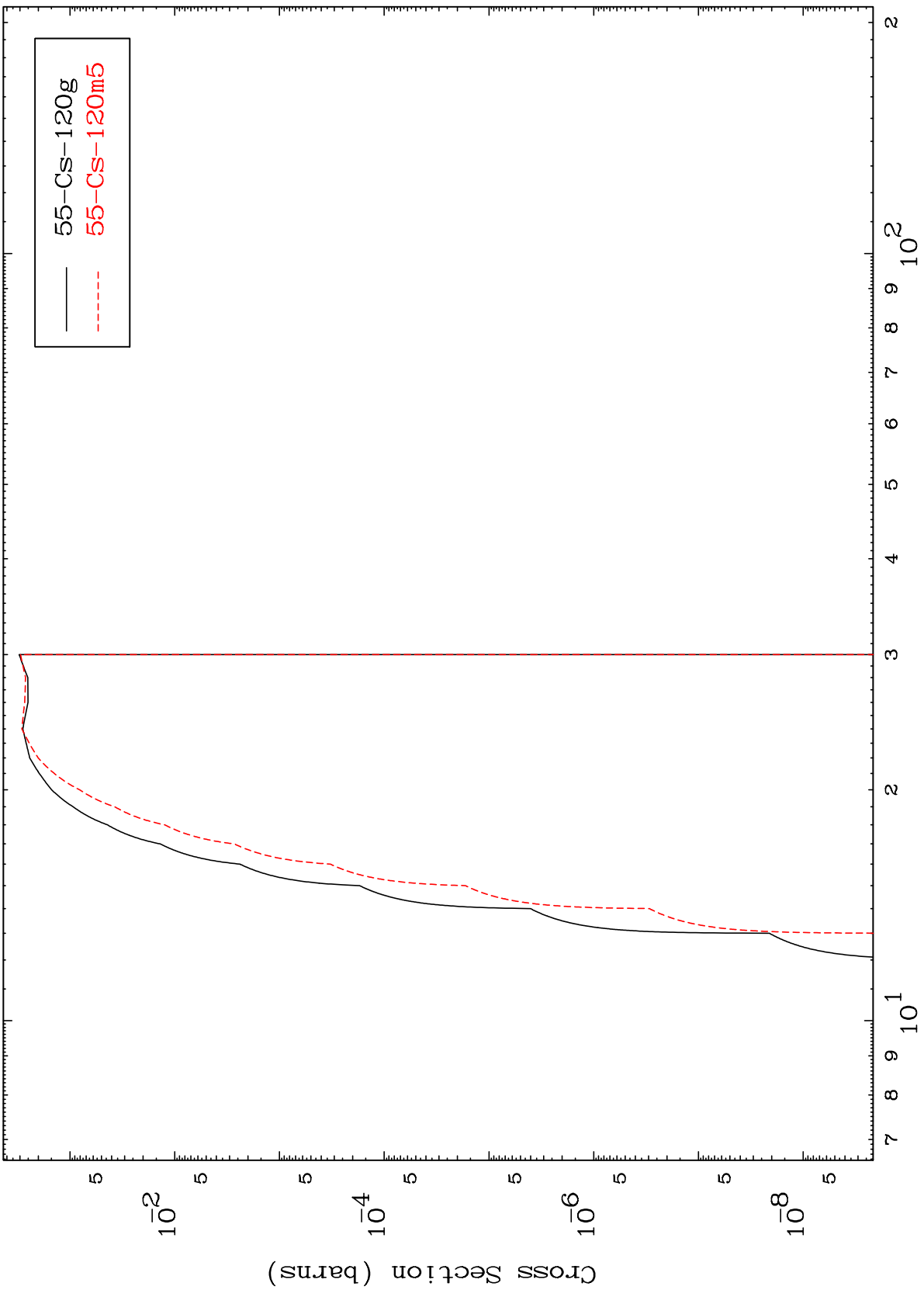
Incident Energy (MeV)

55-Cs-118

MAT 5480

55-Cs-118

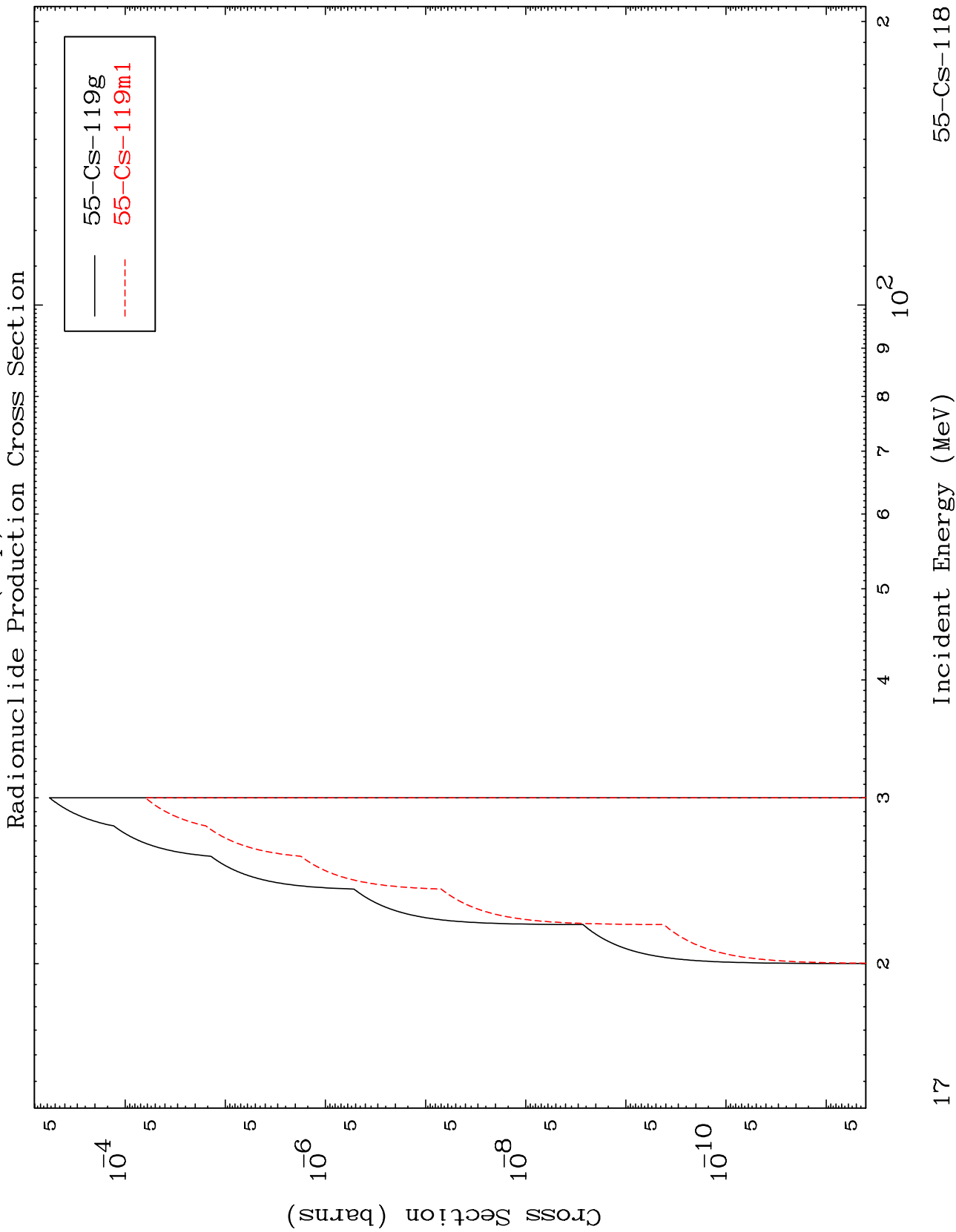
(n,2p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

55-Cs-118

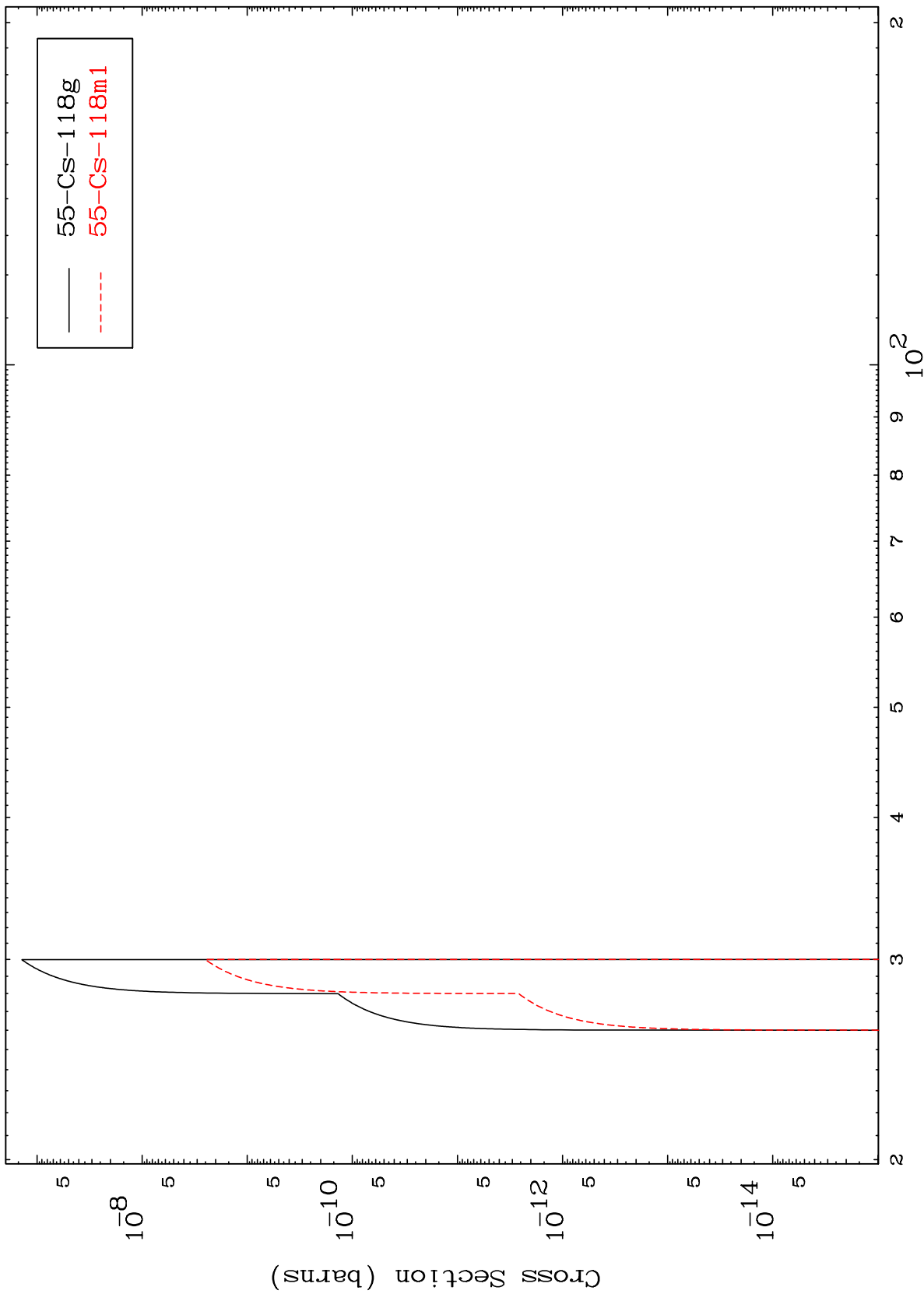


MAT 5480

(n,p) t

55-Cs-118

Radionuclide Production Cross Section



18

Incident Energy (MeV)

55-Cs-118