

Program EVALPLOT  
(Version 2017-1)

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

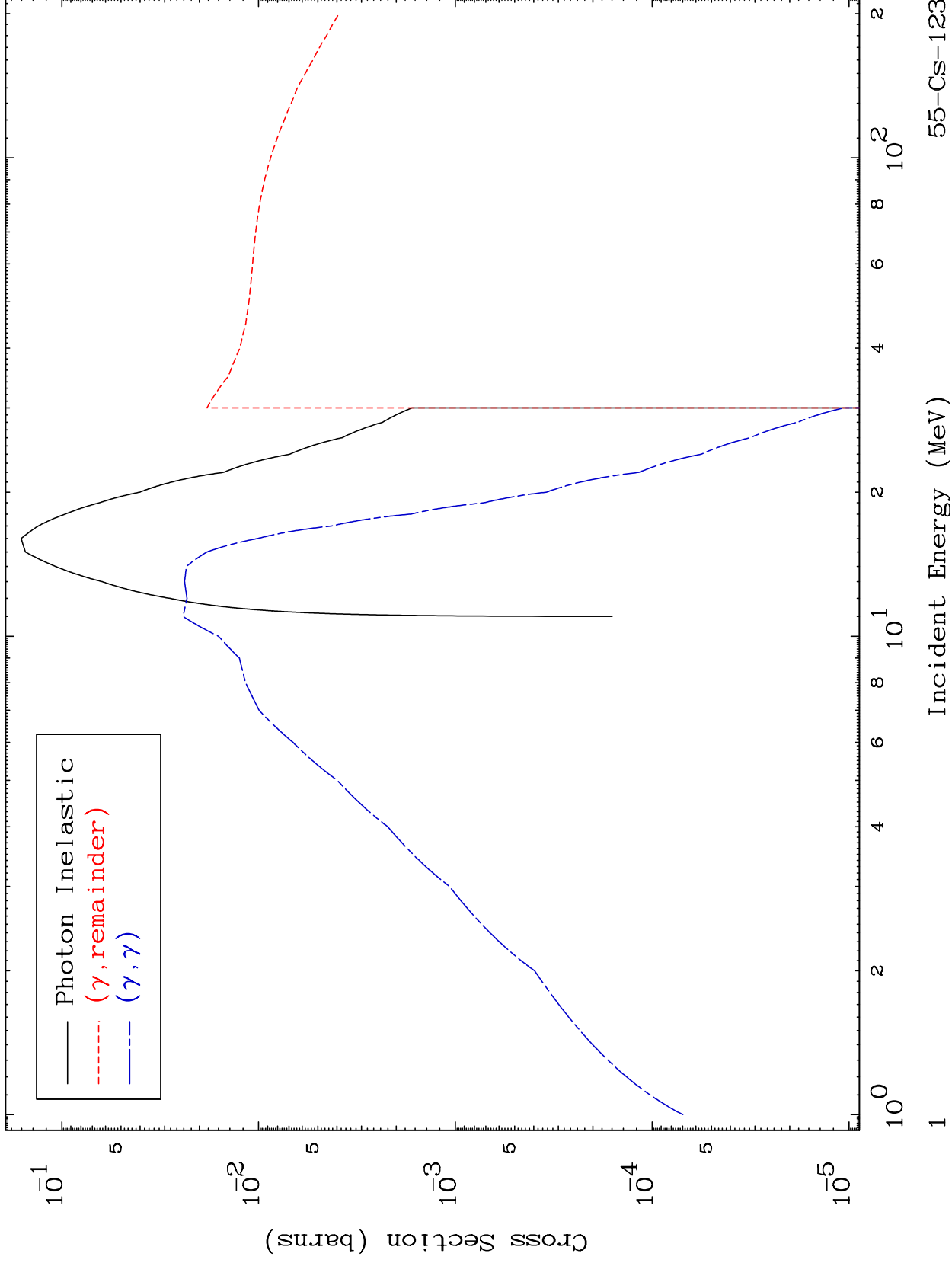
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5495

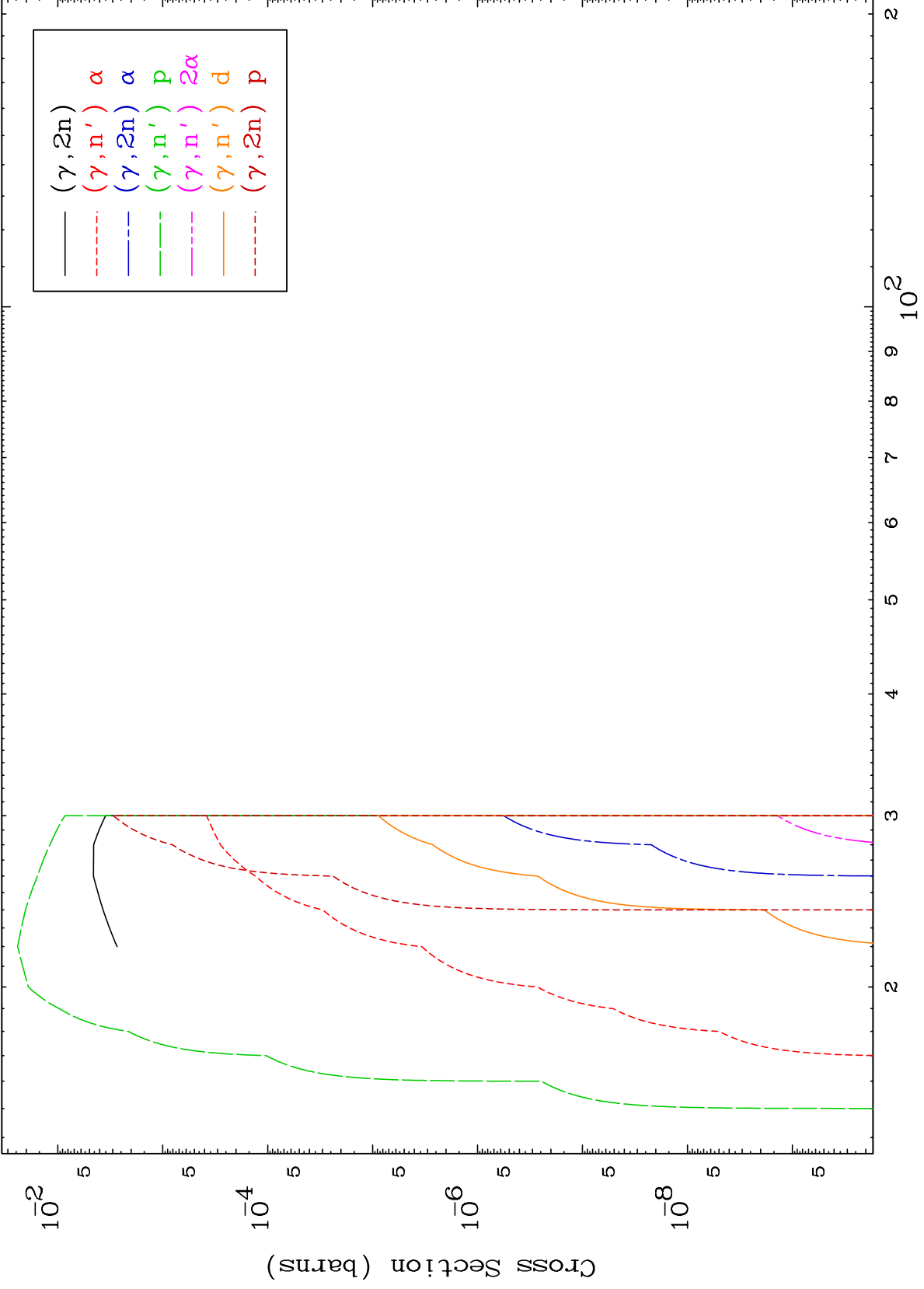
Photon Major  
0 Kelvin Cross Sections

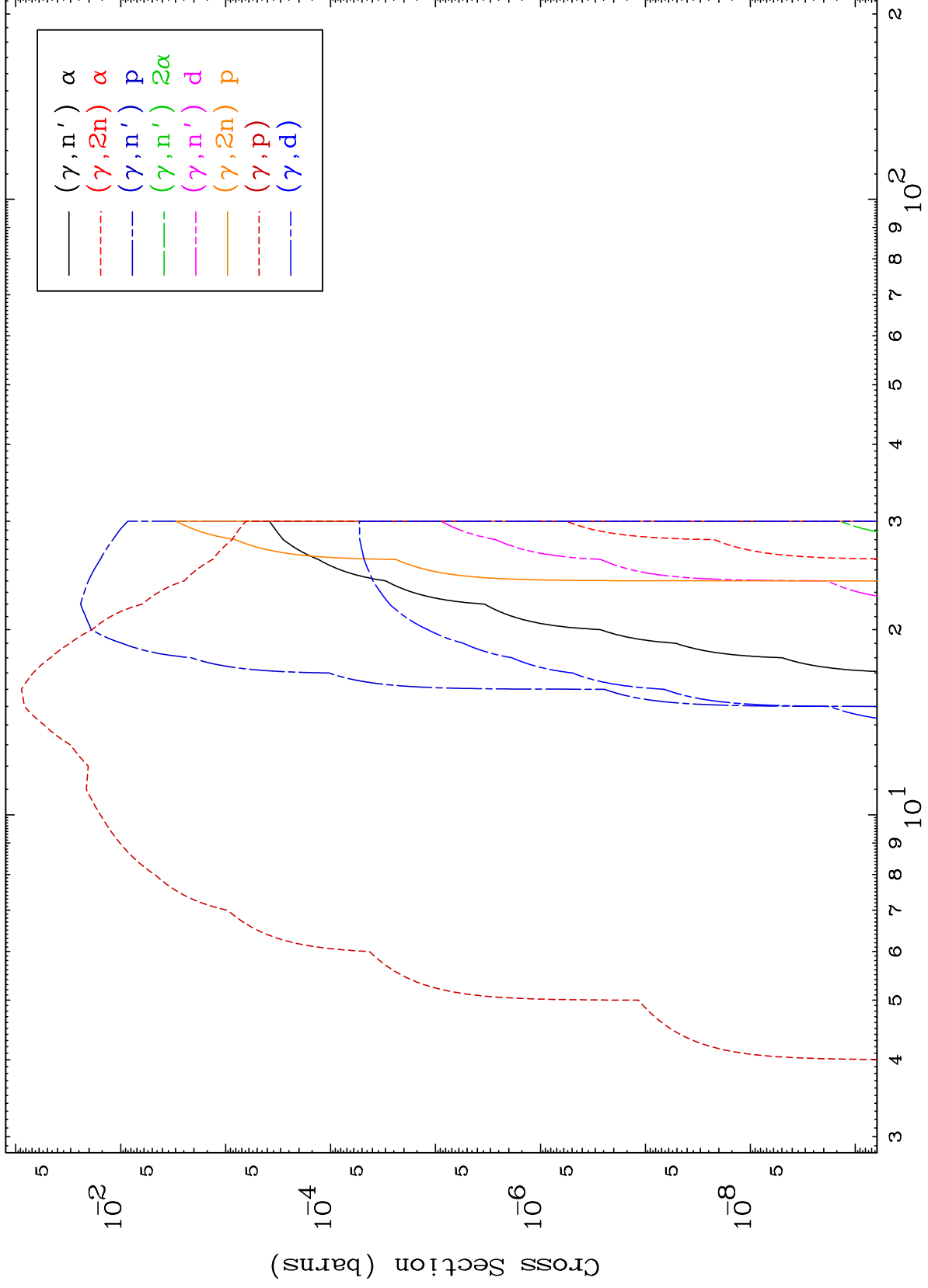
55-Cs-123



55-Cs-123

Incident Energy (MeV)

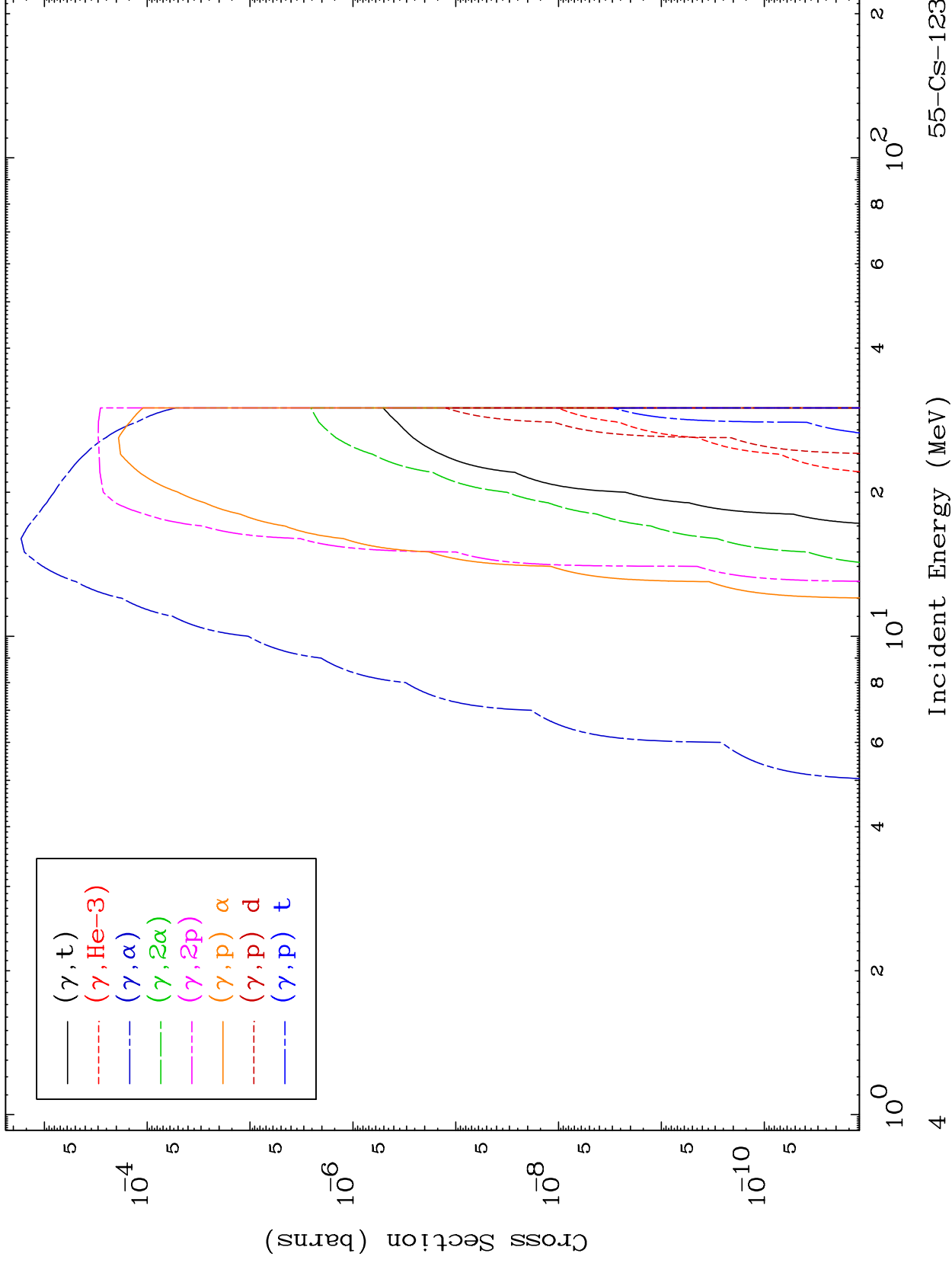




MAT 5495

Photon Charged Particle  
0 Kelvin Cross Sections

55-Cs-123

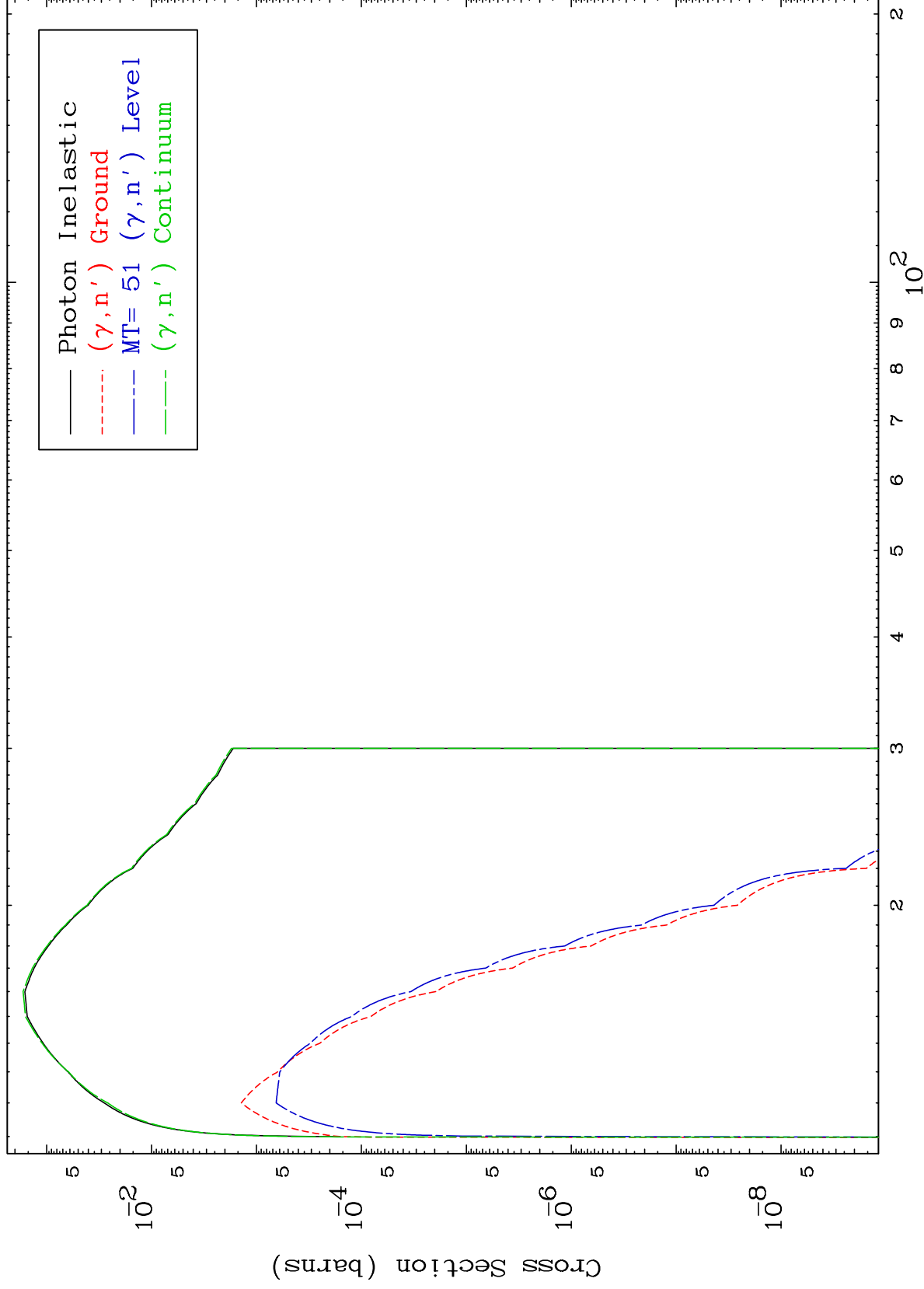


MAT 5495

( $\gamma, n'$ ) Level

55-Cs-123

0 Kelvin Cross Sections



Incident Energy (MeV)

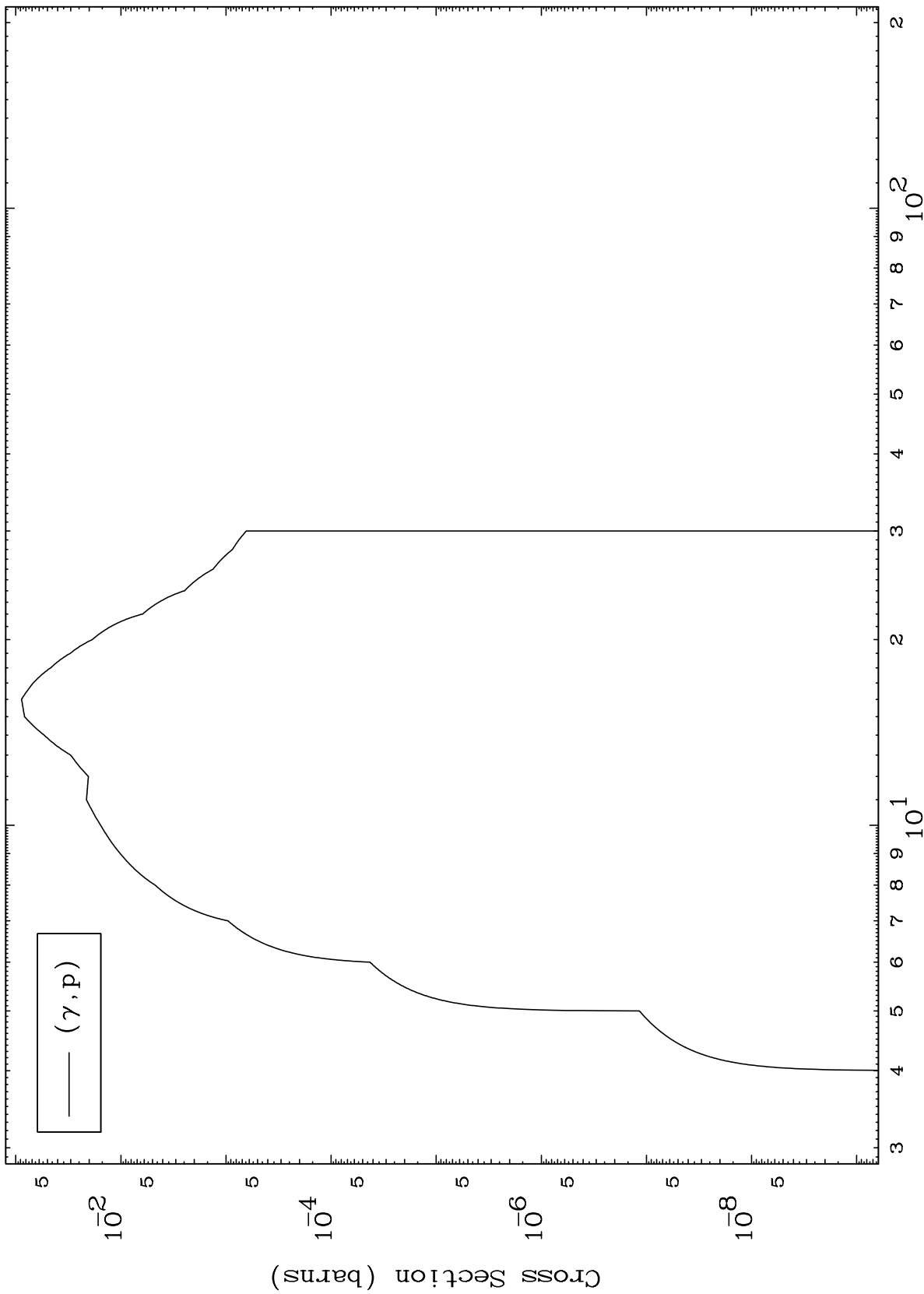
55-Cs-123

5

MAT 5495

55-Cs-123

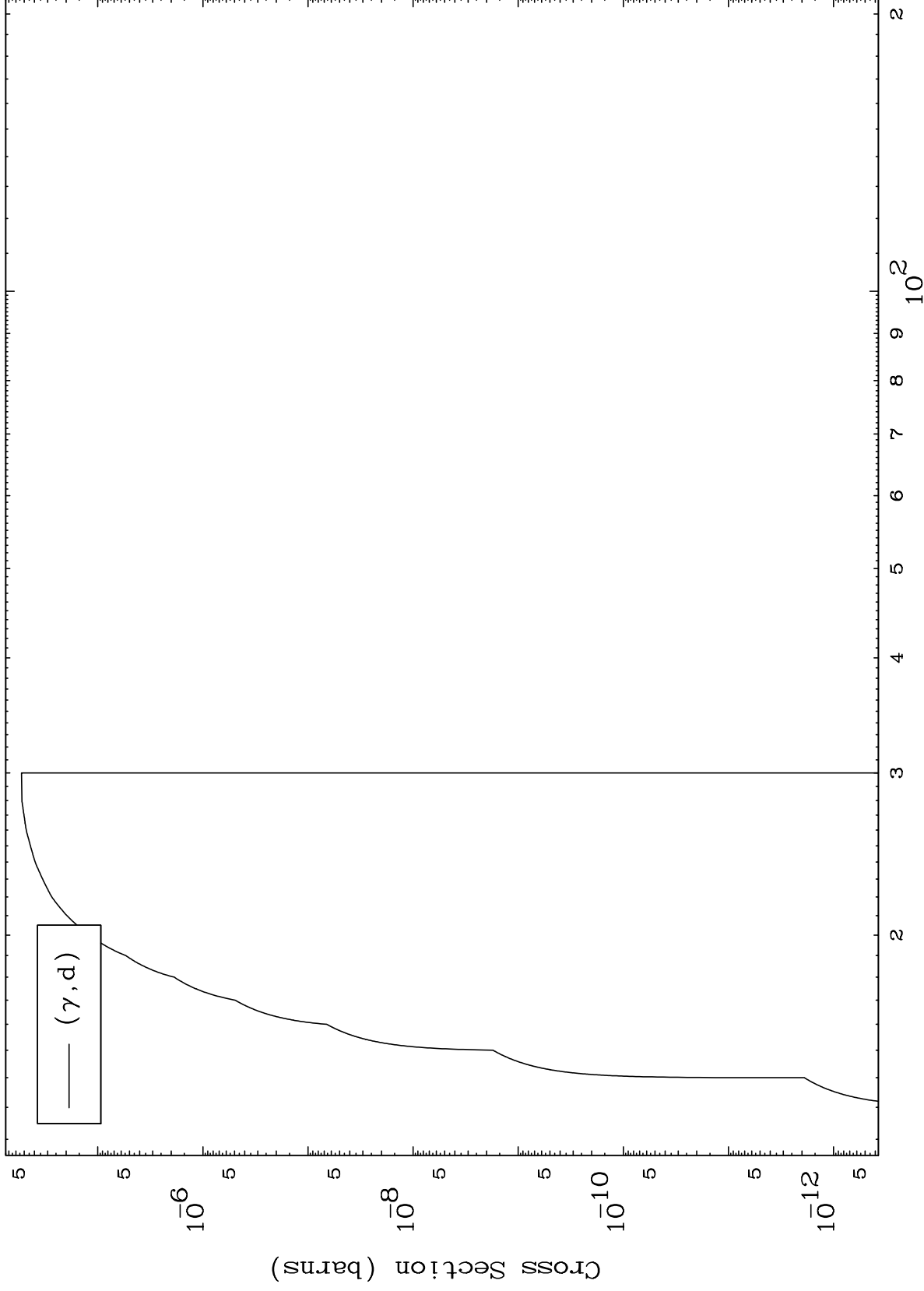
( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



55-Cs-123

Incident Energy (MeV)

6

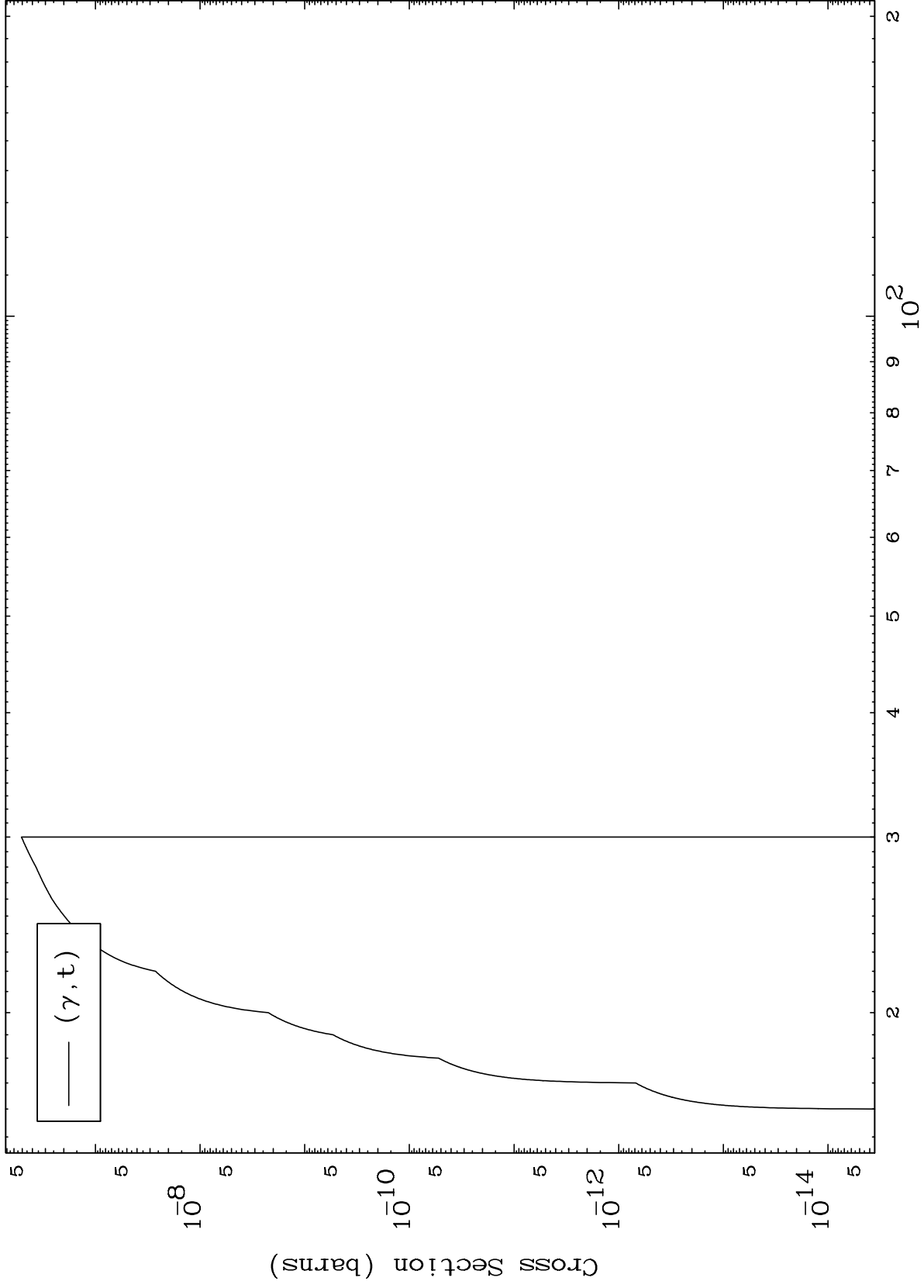




MAT 5495

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

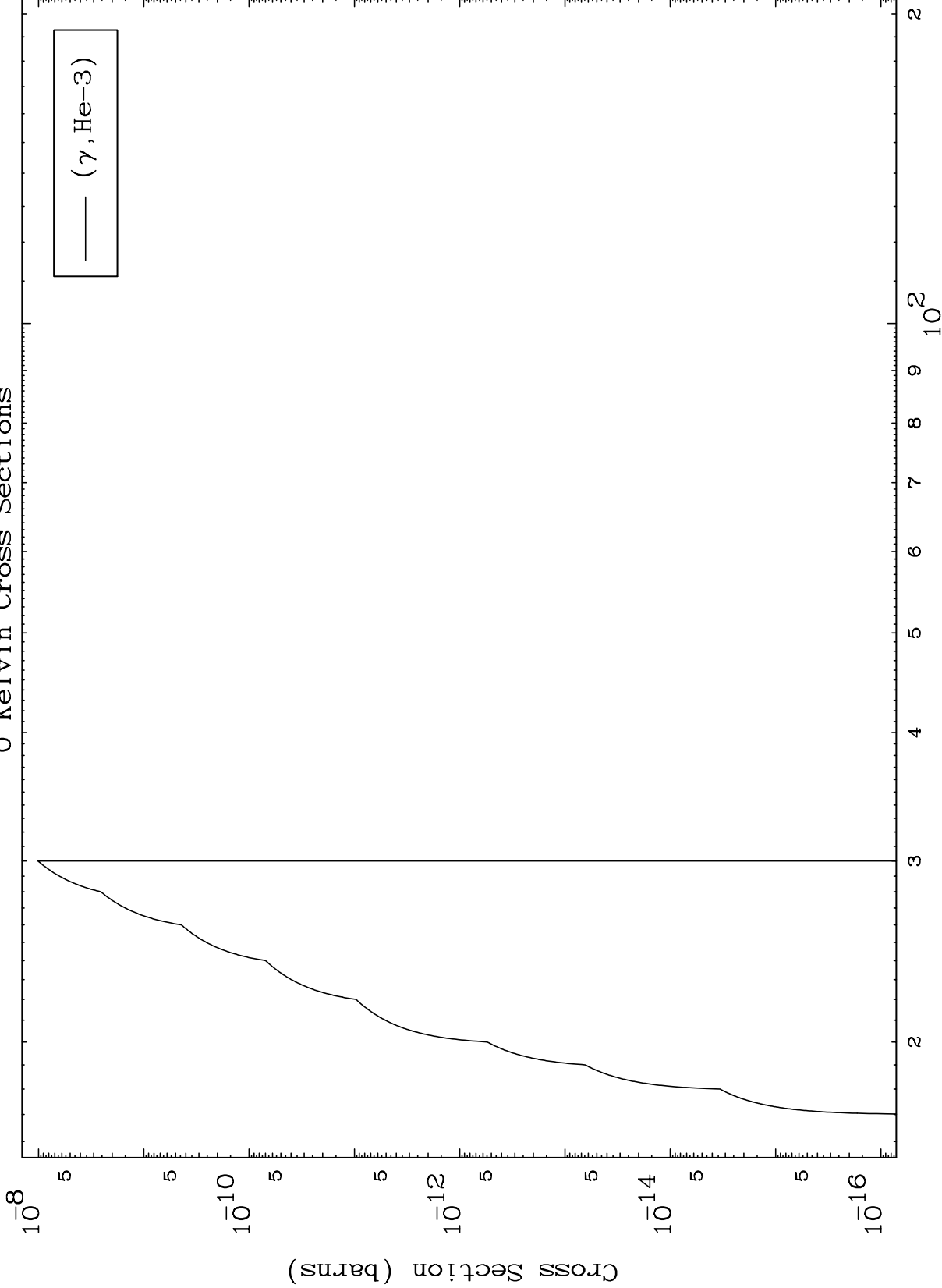
55-Cs-123



8

Incident Energy (MeV)

55-Cs-123

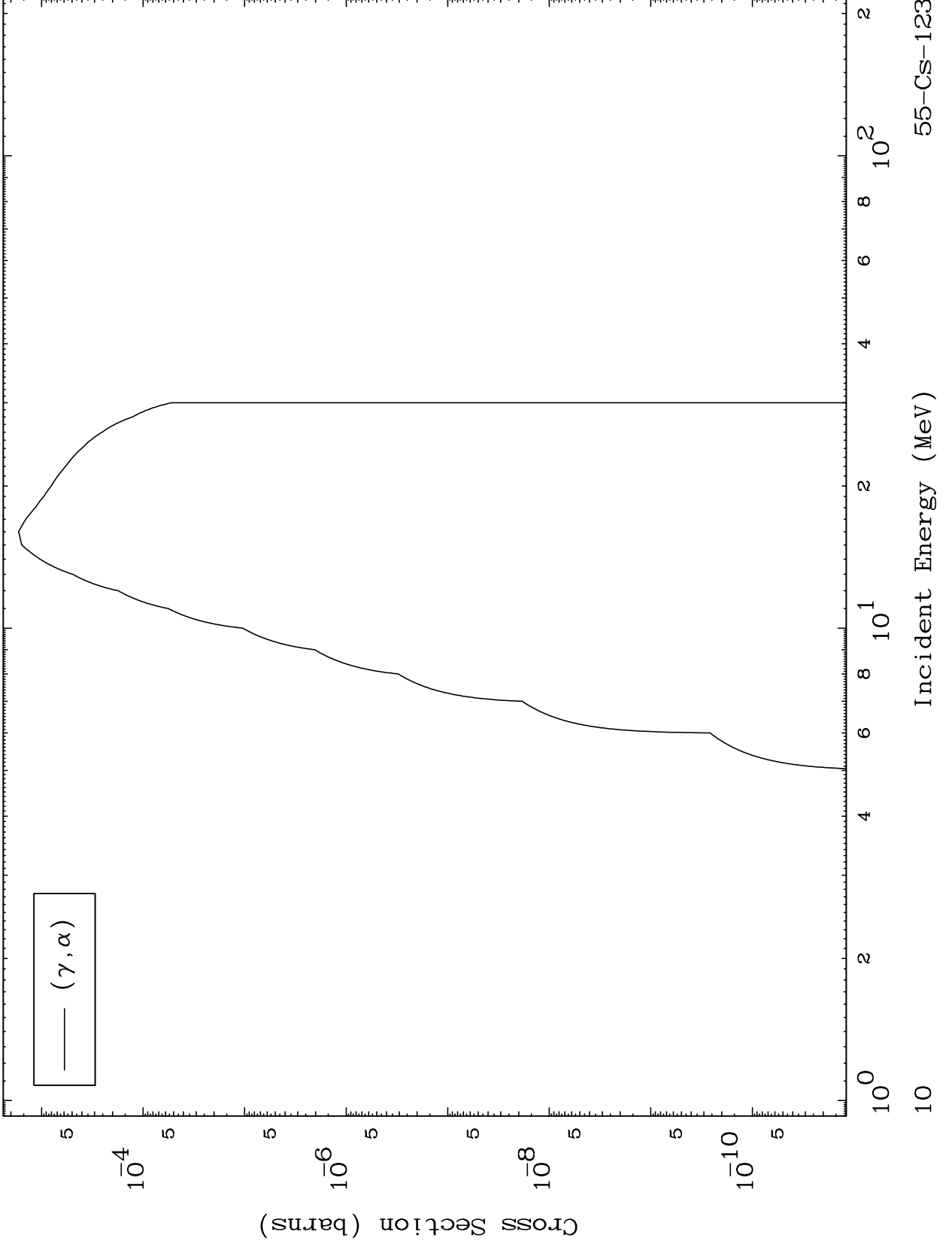


MAT 5495

( $\gamma, \alpha$ ) Levels

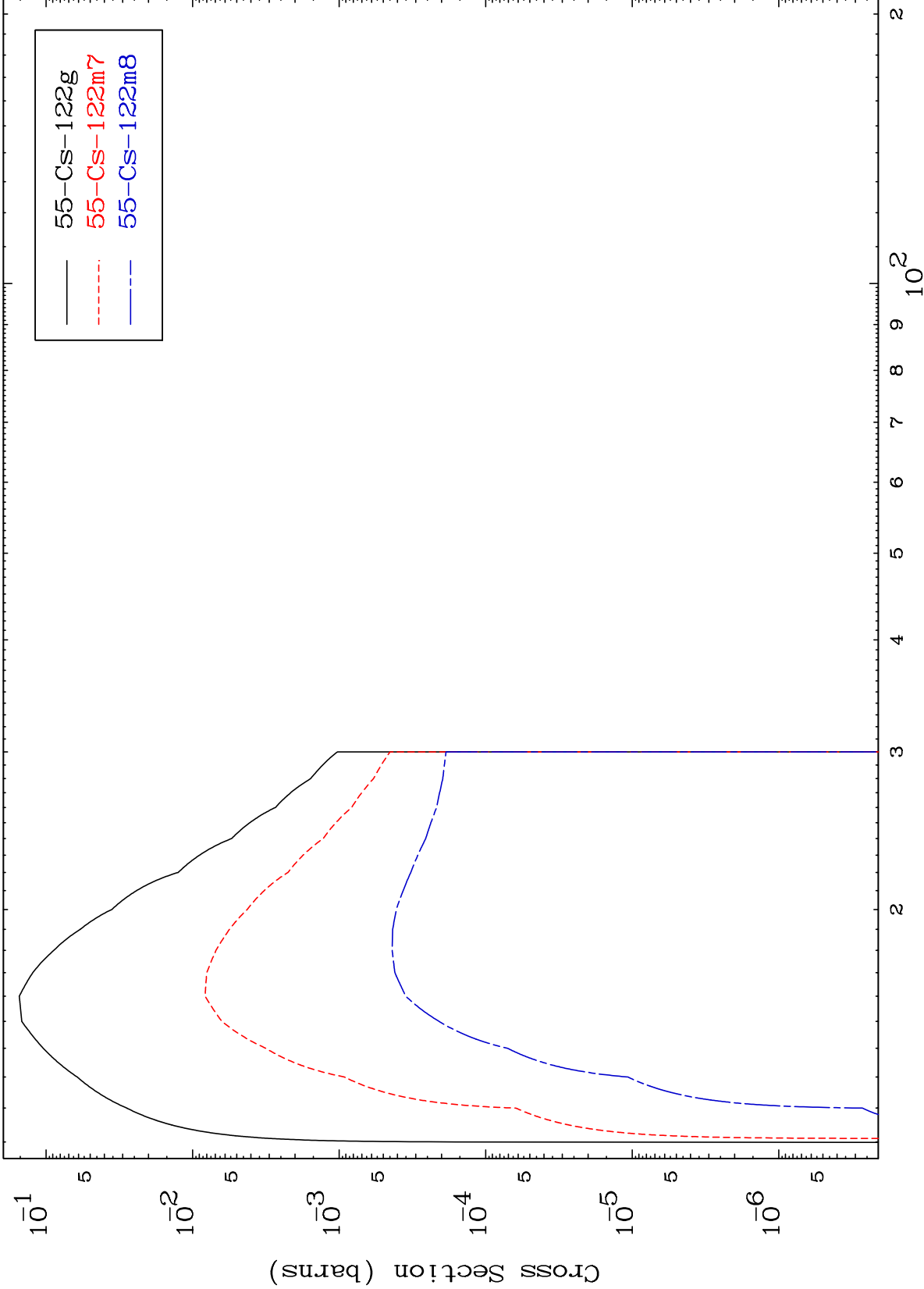
55-Cs-123

0 Kelvin Cross Sections



55-Cs-123

Radionuclide Production Cross Section



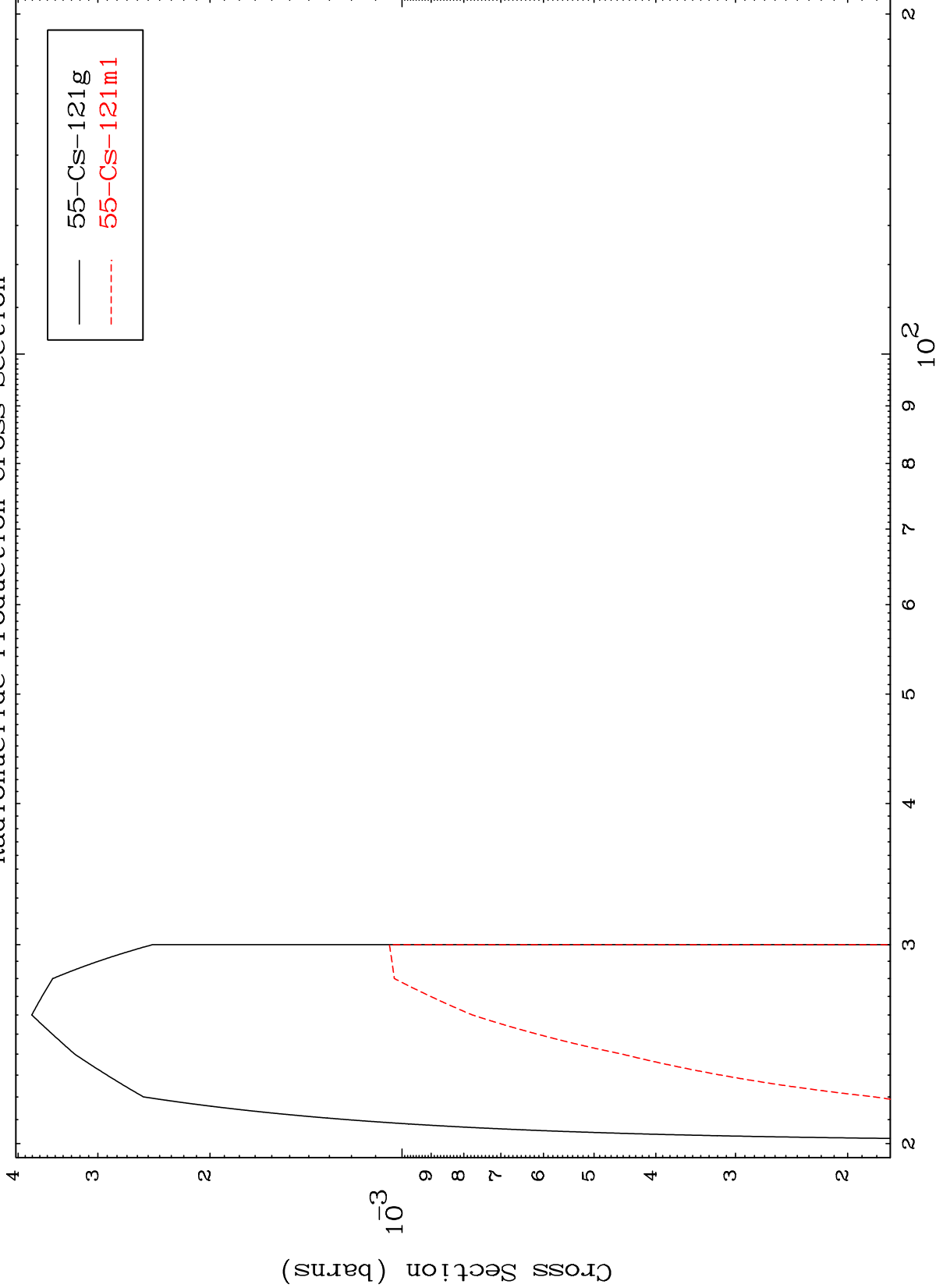
55-Cs-122g  
55-Cs-122m7  
55-Cs-122m8

MAT 5495

( $\gamma, 2n$ )

55-Cs-123

Radionuclide Production Cross Section



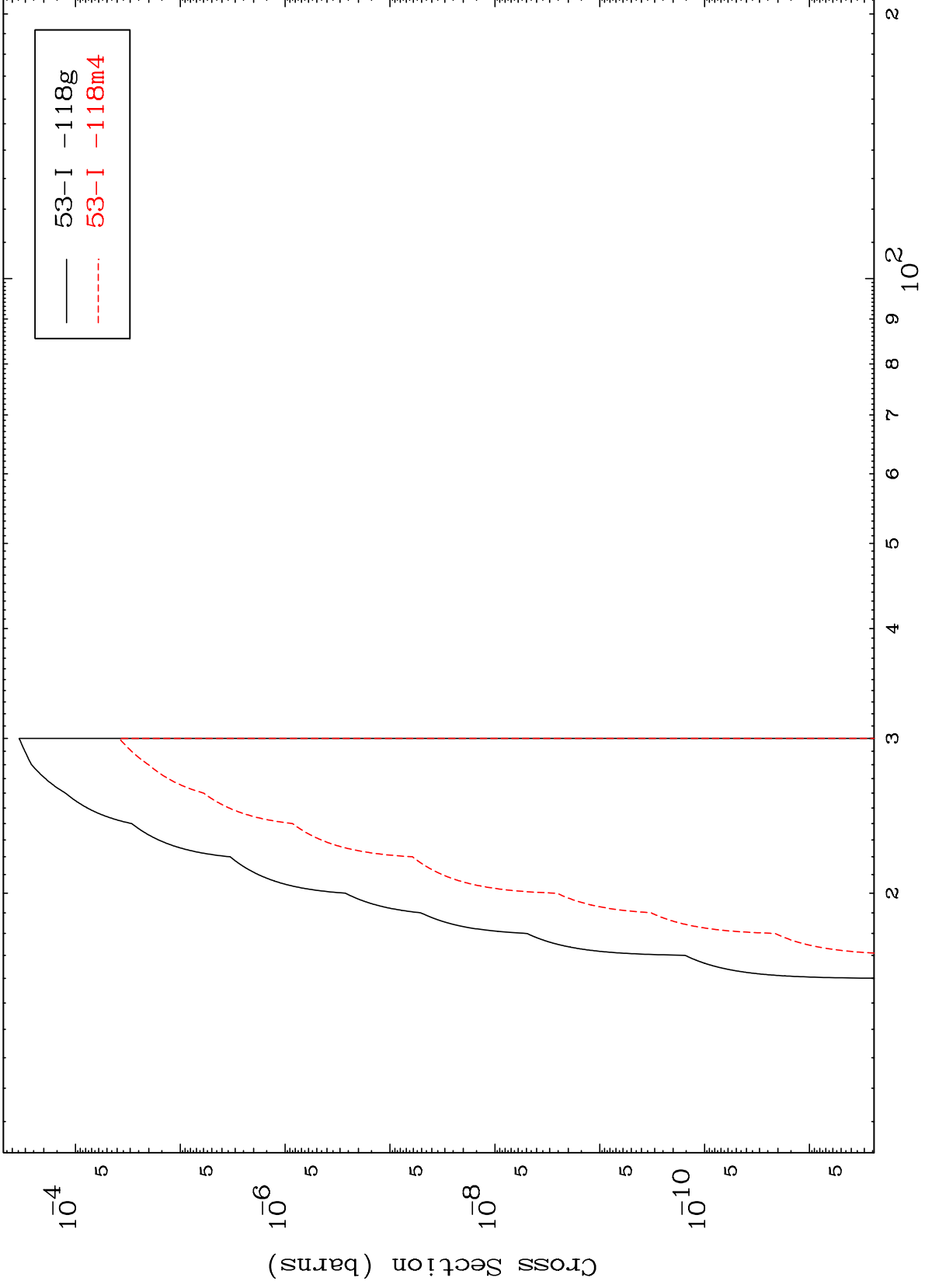
55-Cs-121g  
55-Cs-121m1

12

Incident Energy (MeV)

55-Cs-123

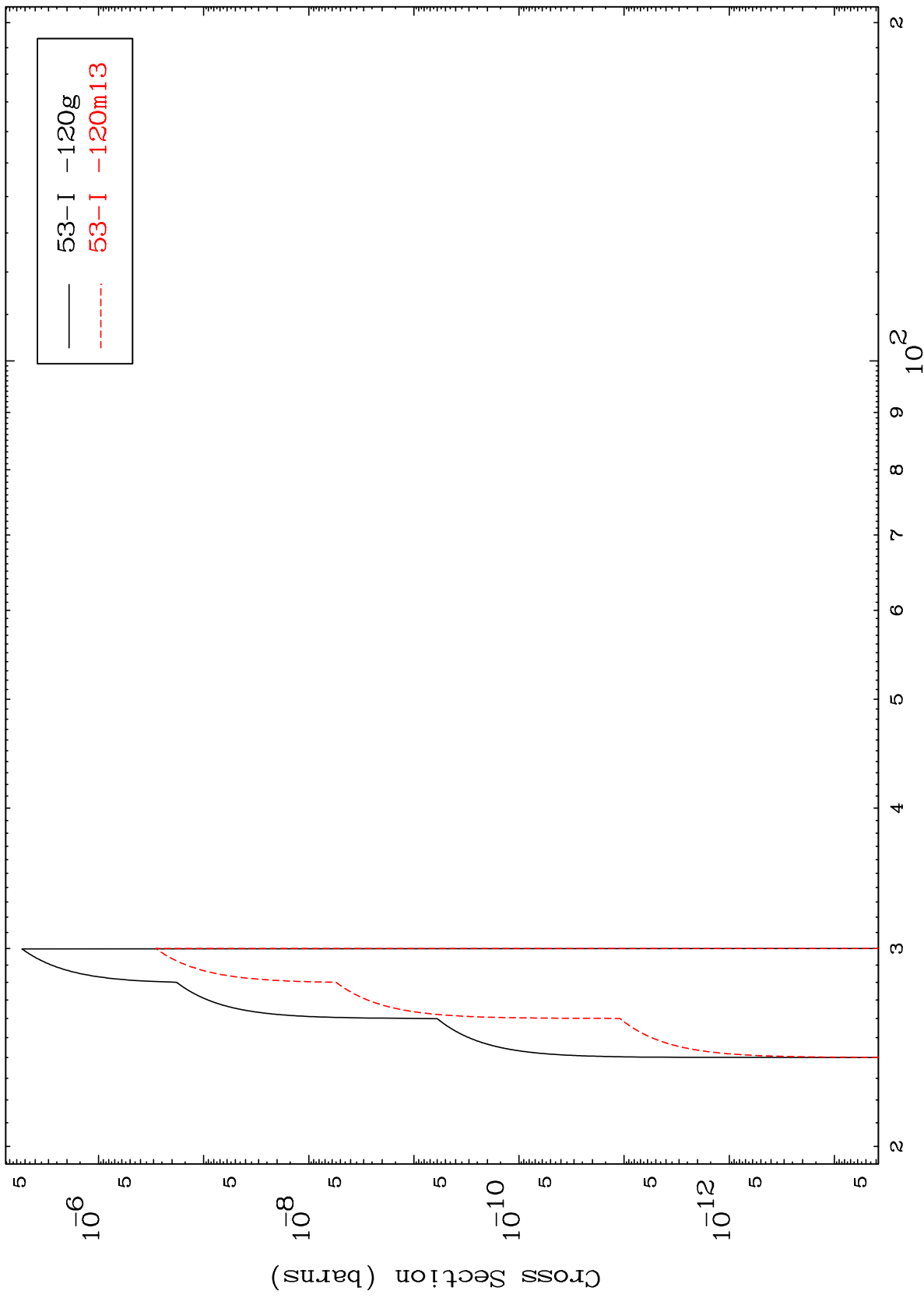
Radionuclide Production Cross Section



MAT 5495

55-Cs-123

$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



55-Cs-123

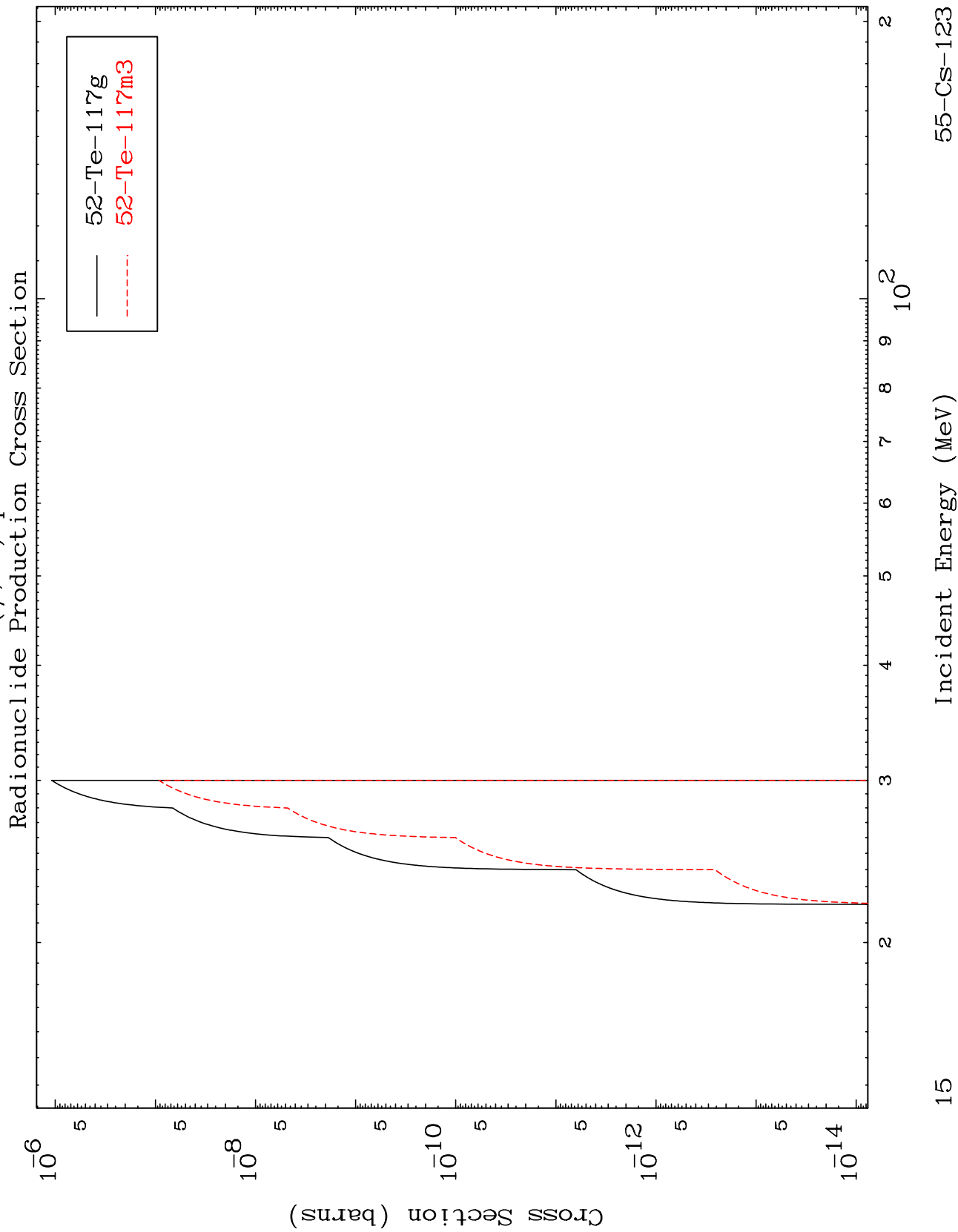
Incident Energy (MeV)

14

MAT 5495

( $\gamma, n'$ ) p  $\alpha$

55-Cs-123



15

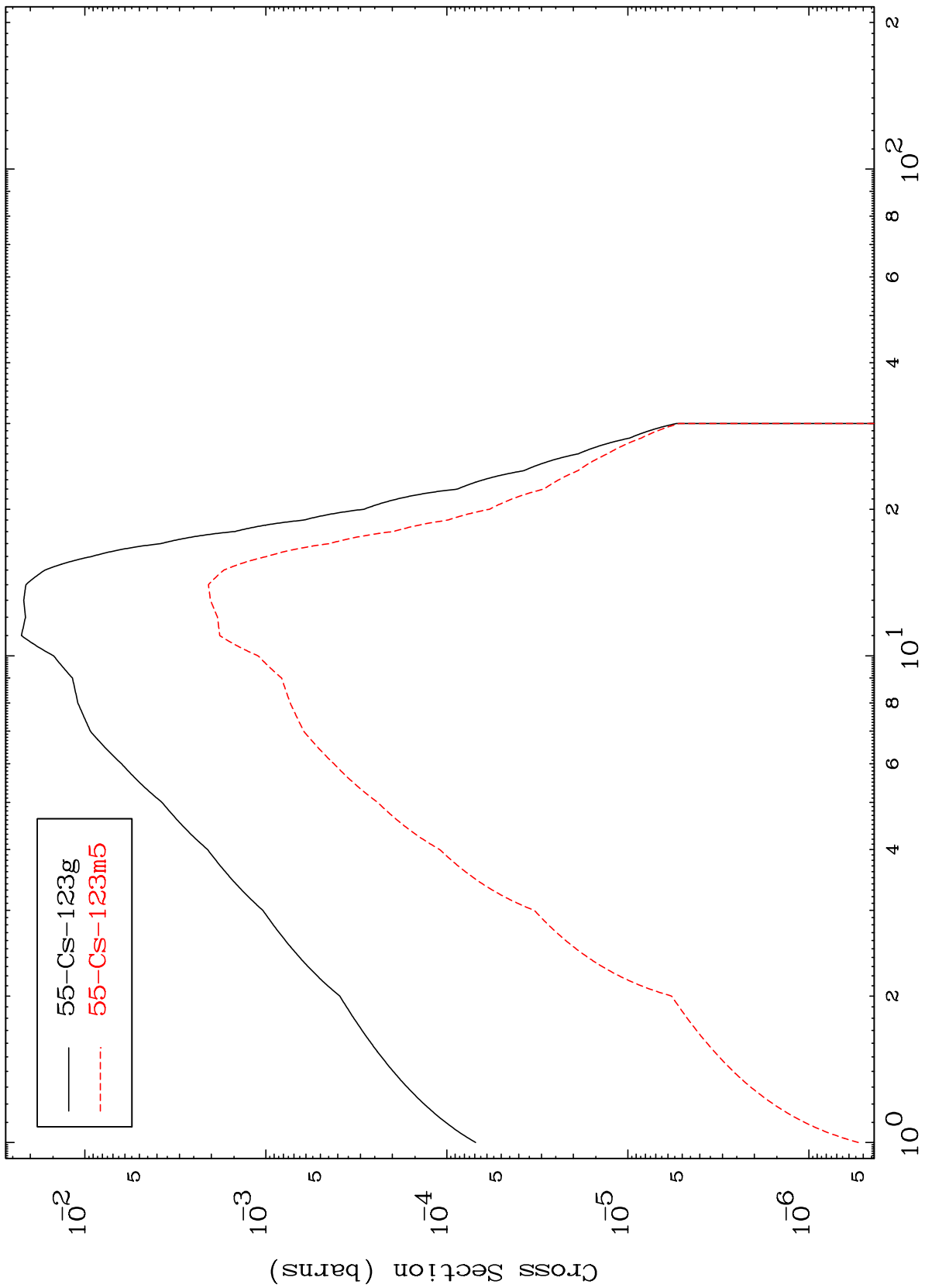
55-Cs-123



MAT 5495

55-Cs-123

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



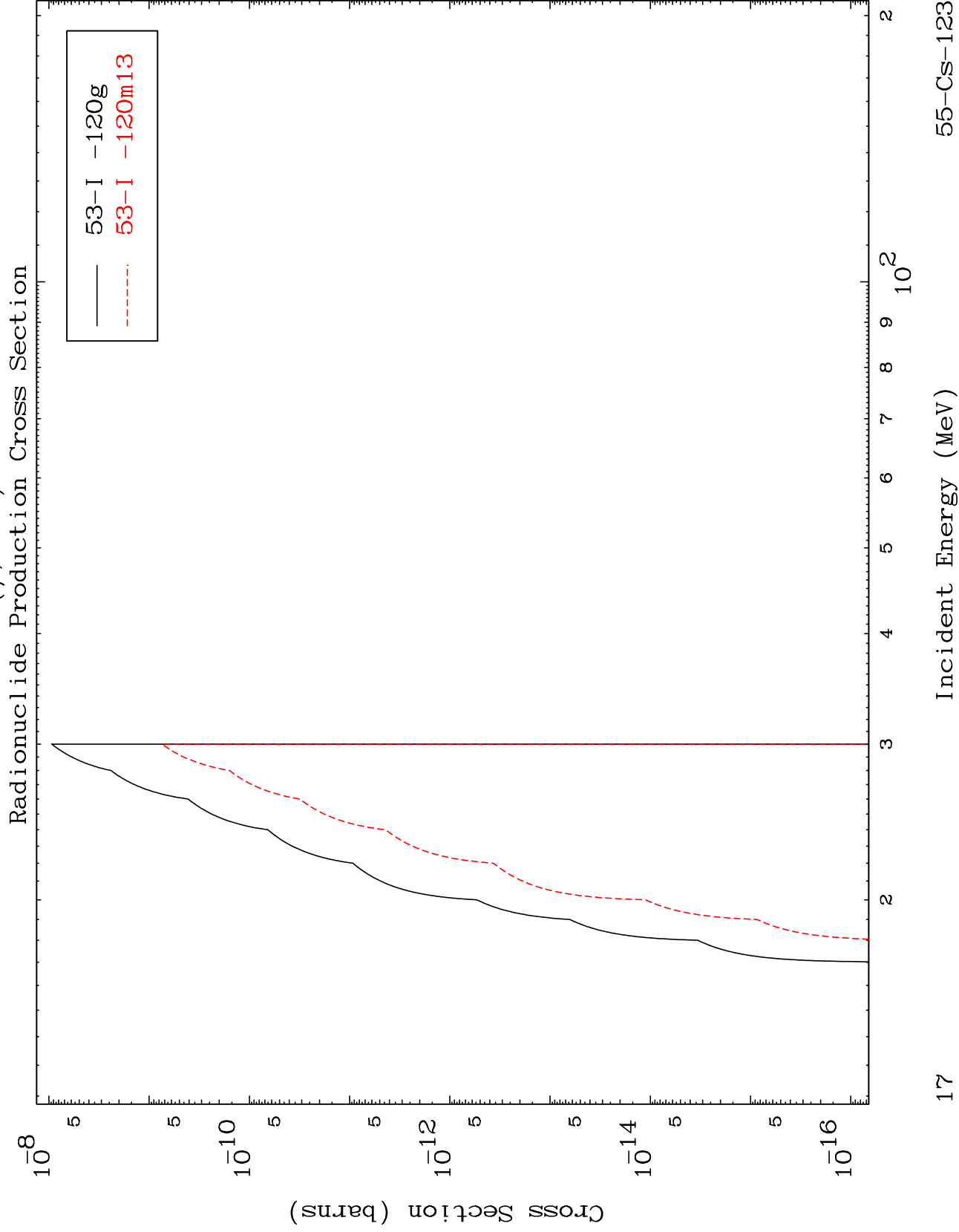
Incident Energy (MeV)

55-Cs-123

MAT 5495

( $\gamma, \text{He-3}$ )

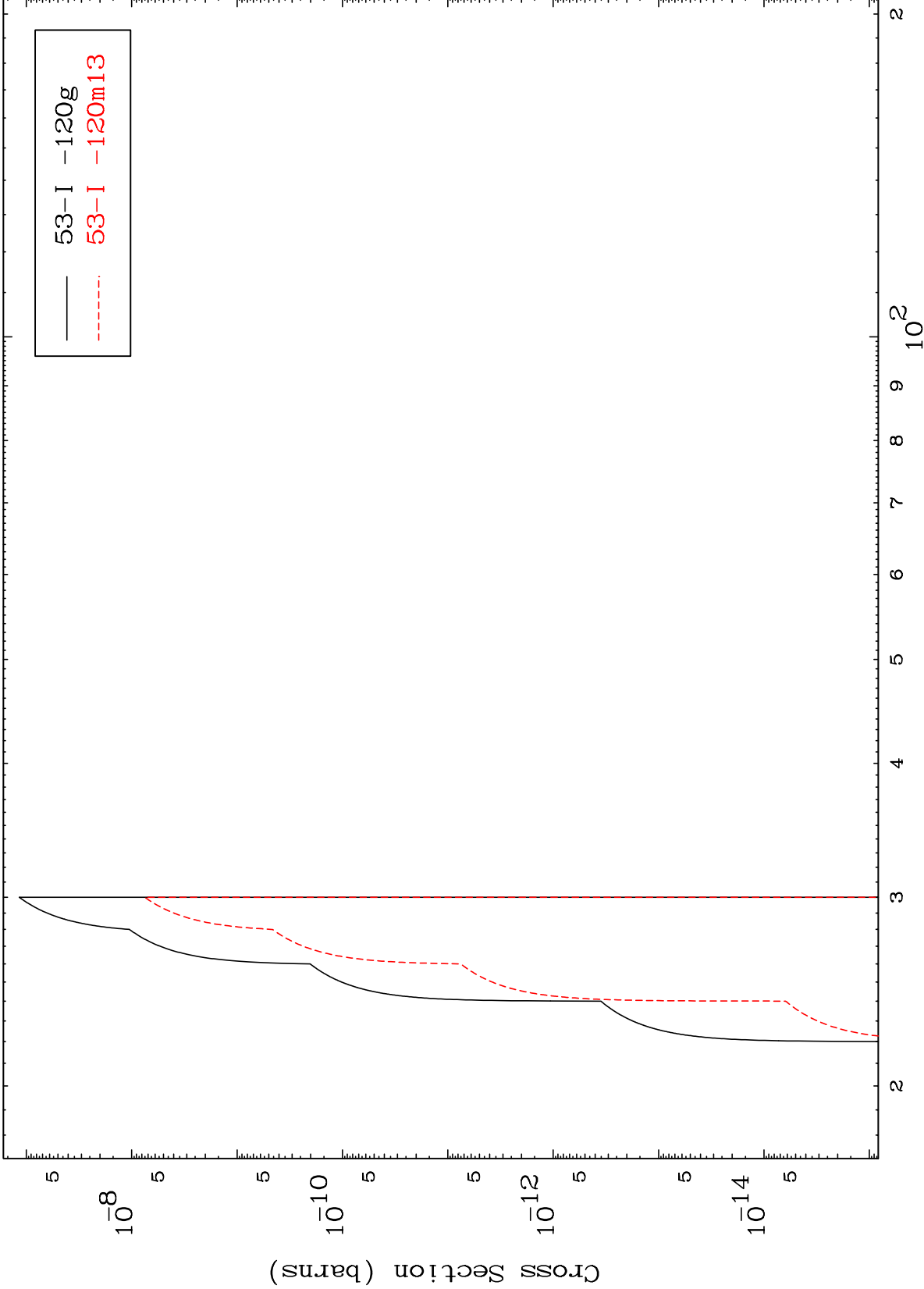
55-Cs-123



17

55-Cs-123

Radionuclide Production Cross Section



( $\gamma, d$ )  $\alpha$

Radionuclide Production Cross Section

