

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

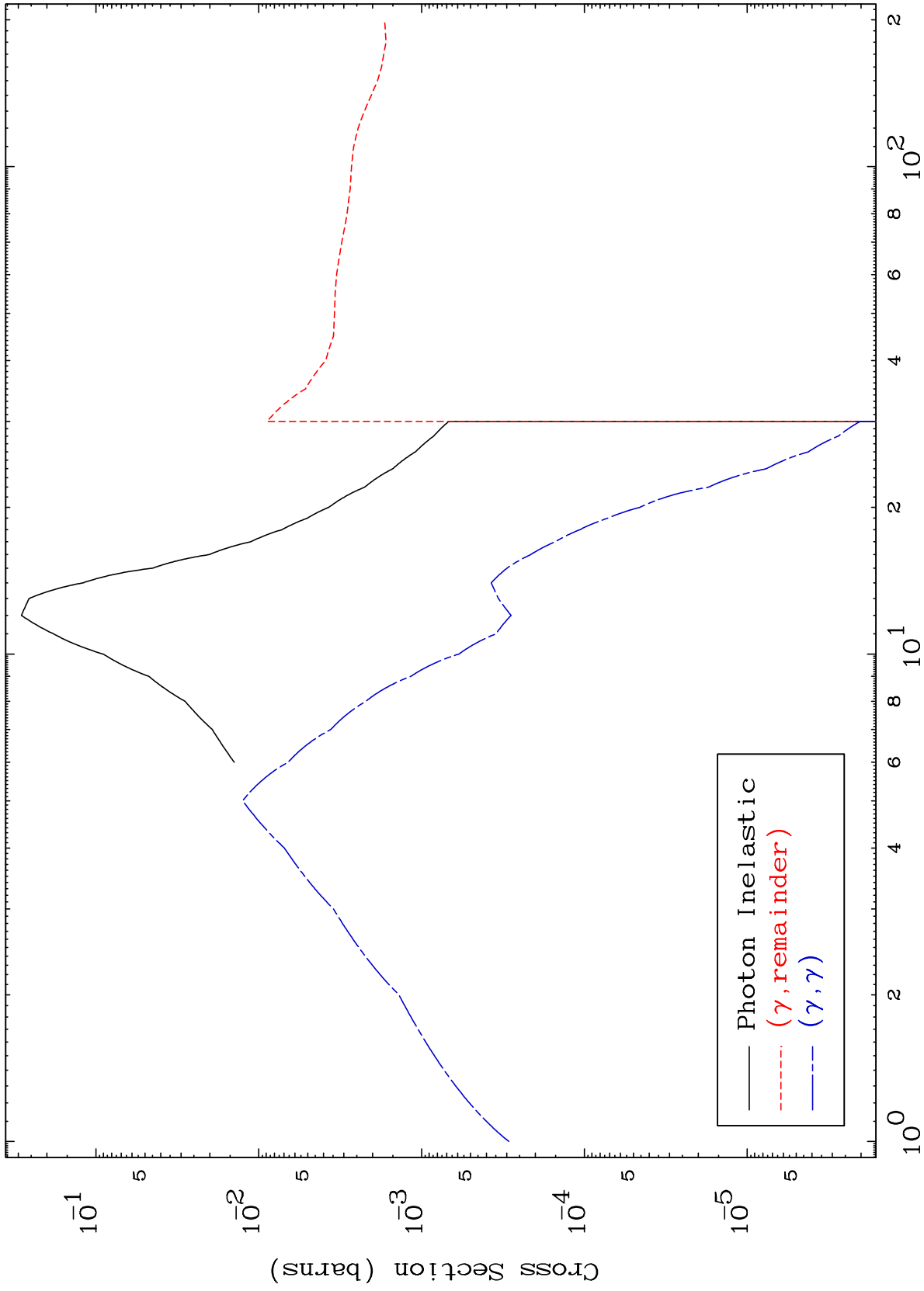
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9547

Photon Major  
0 Kelvin Cross Sections

95-Am-242



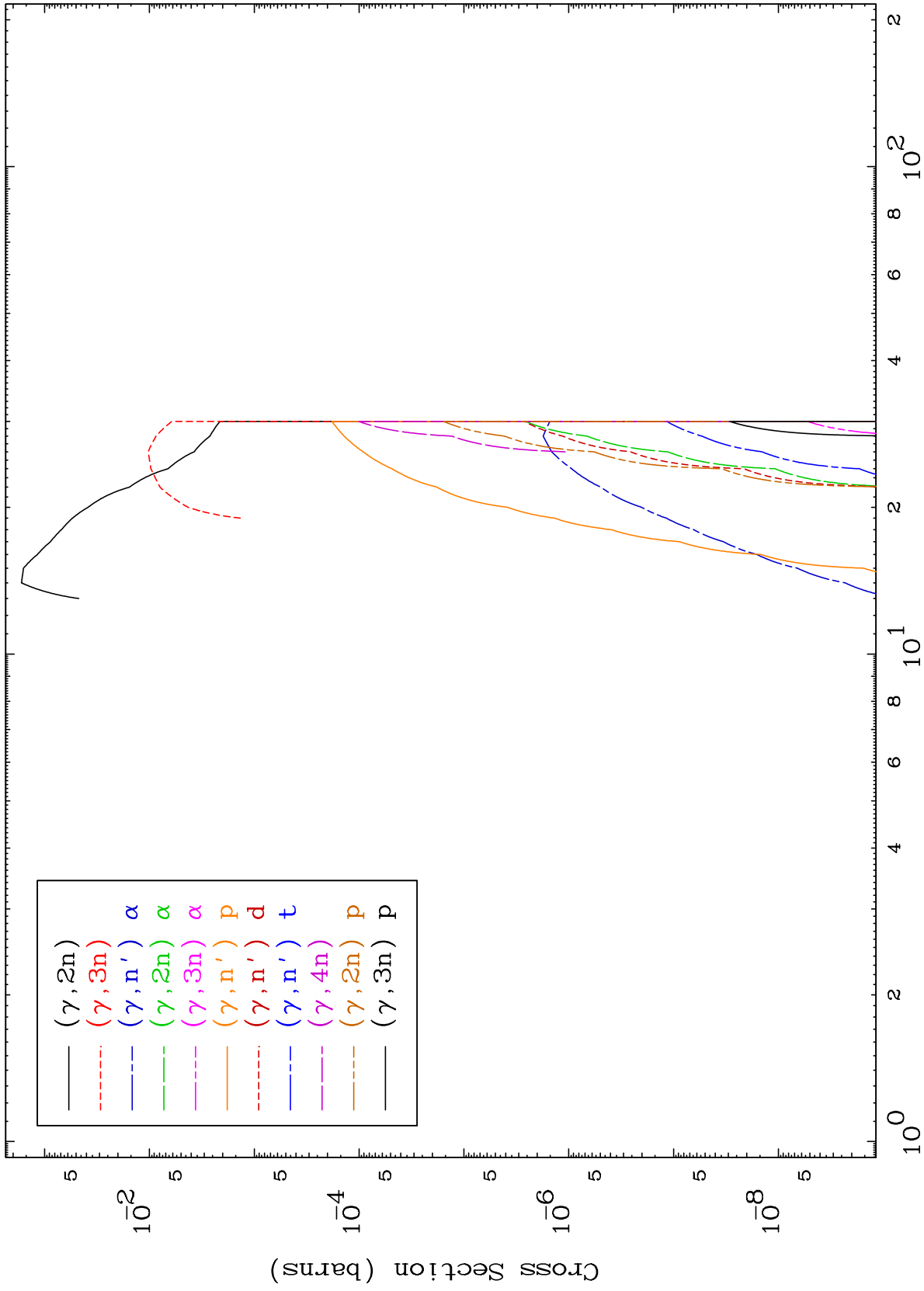
Incident Energy (MeV)

95-Am-242

MAT 9547

Photon Neutron Production  
0 Kelvin Cross Sections

95-Am-242



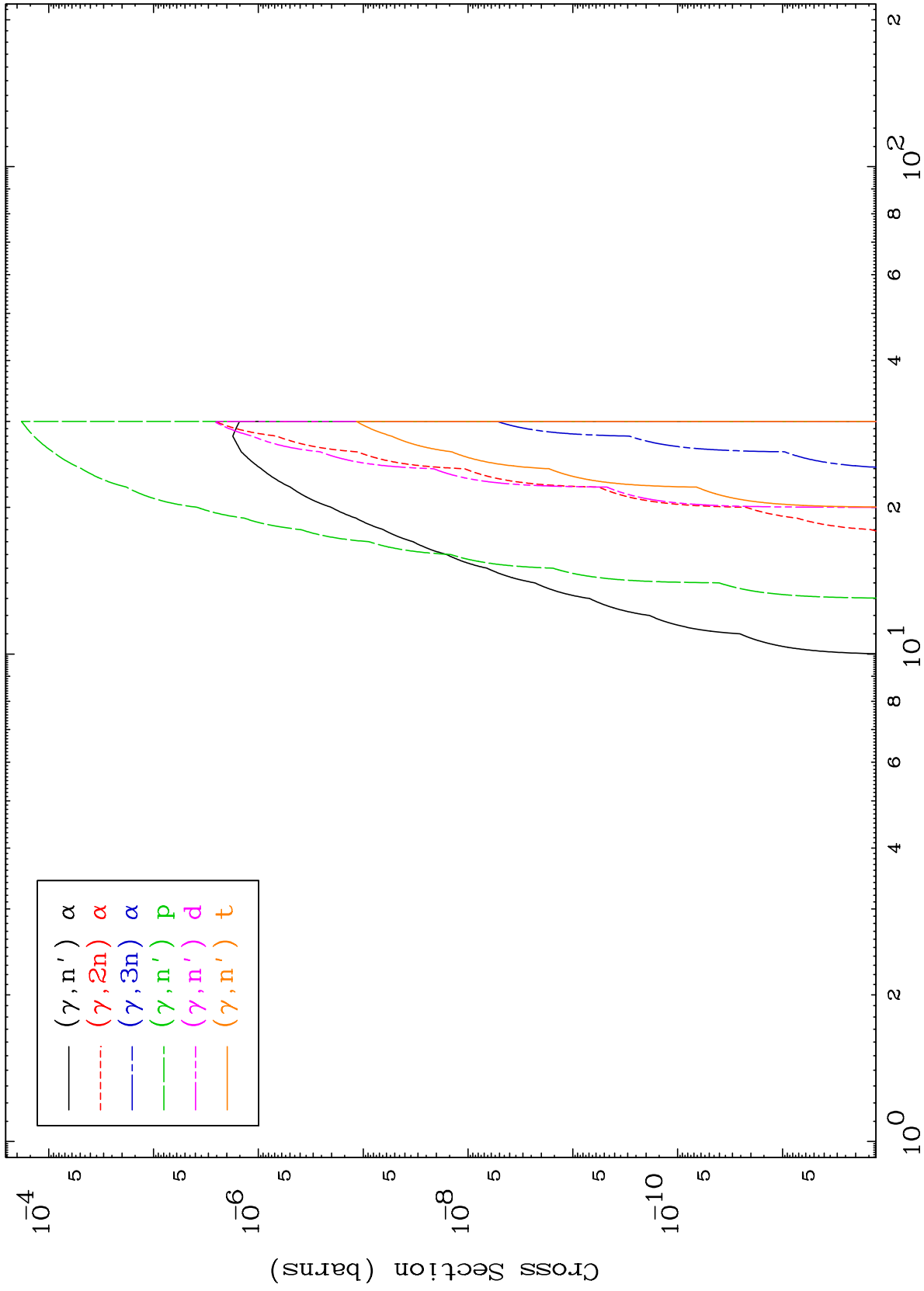
Incident Energy (MeV)

95-Am-242

MAT 9547

Photon Charged Particle  
0 Kelvin Cross Sections

95-Am-242



Incident Energy (MeV)

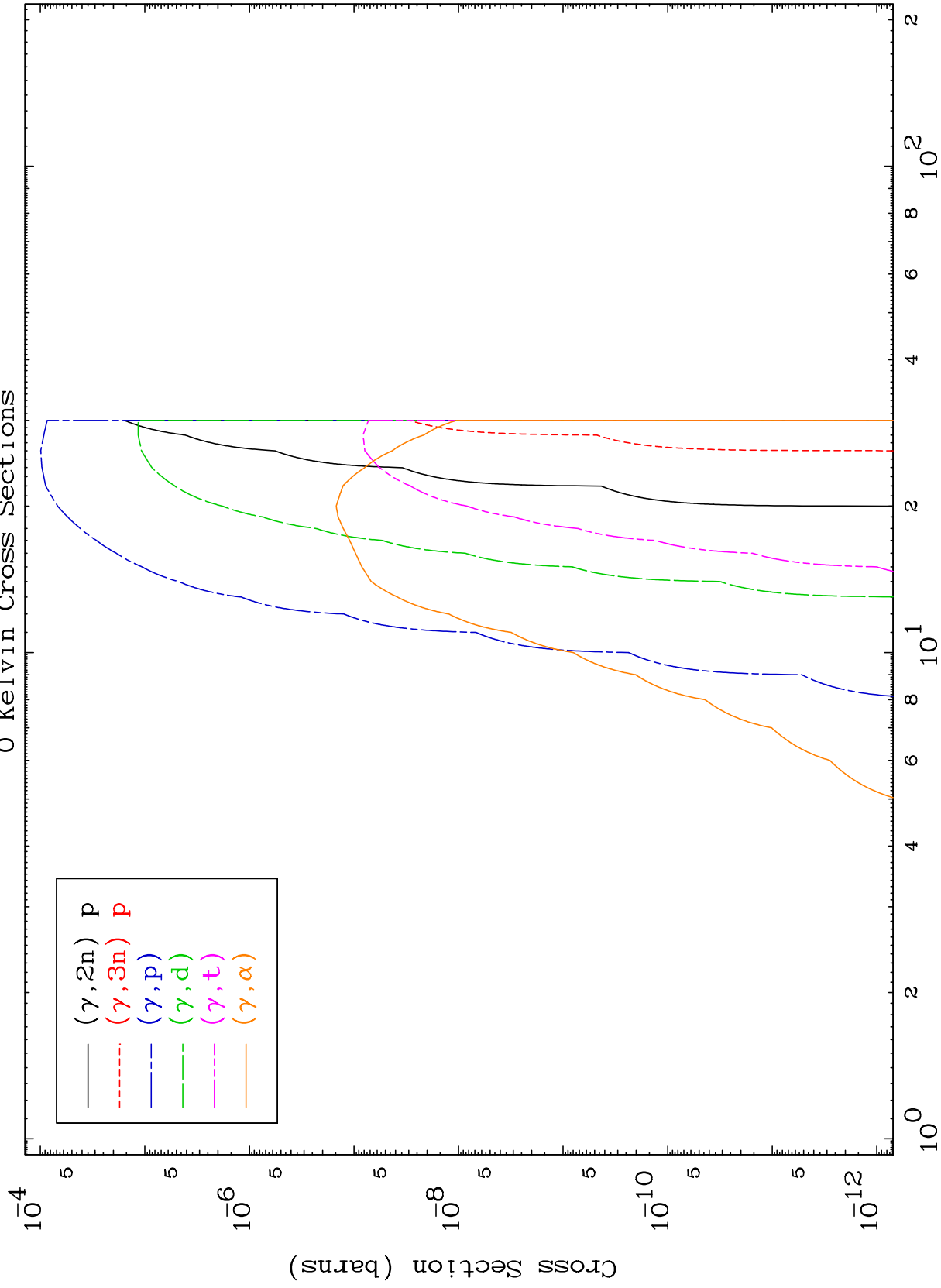
95-Am-242

3

MAT 9547

Photon Charged Particle  
0 Kelvin Cross Sections

95-Am-242



95-Am-242

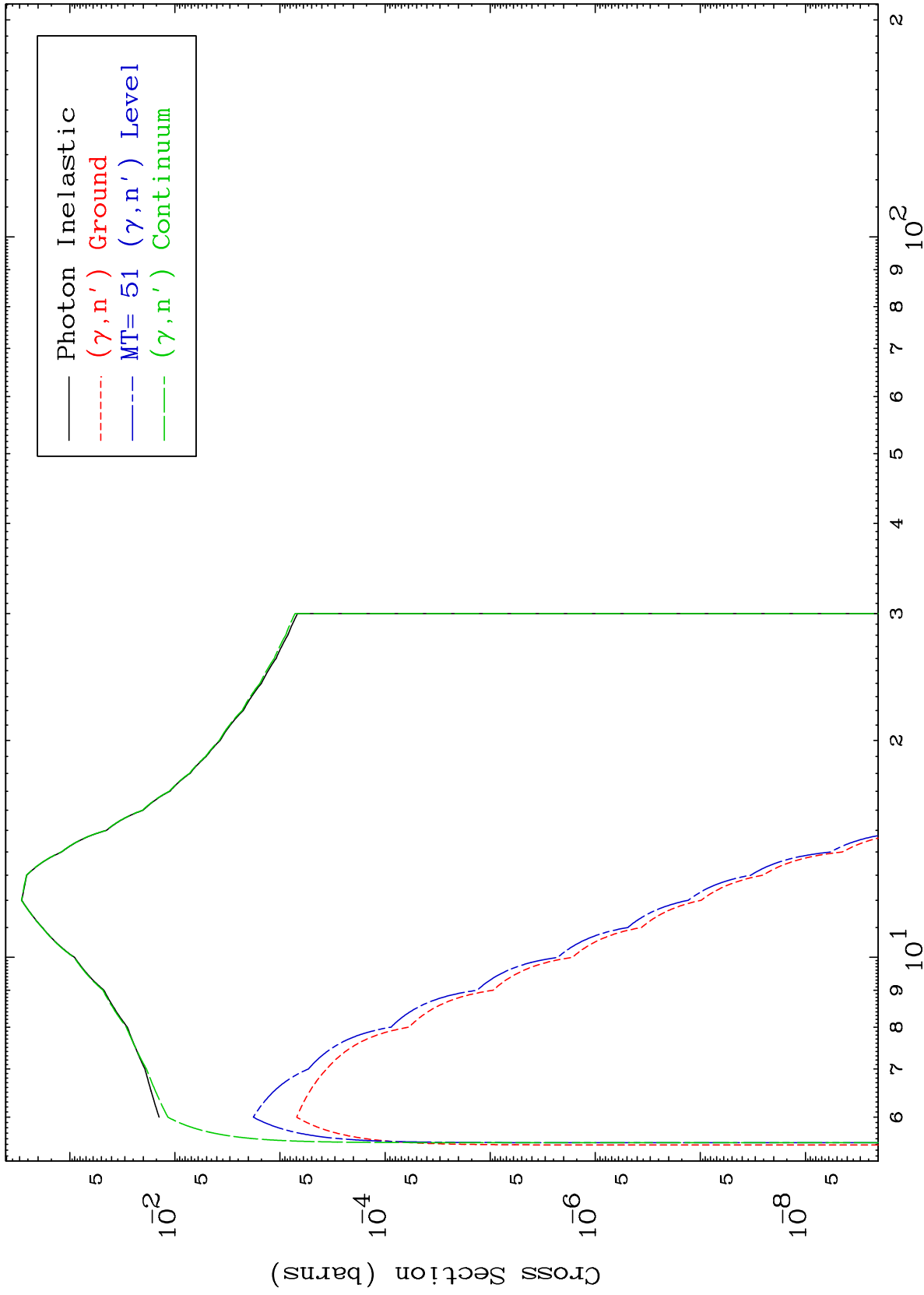
Incident Energy (MeV)

4

MAT 9547

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

95-Am-242



5

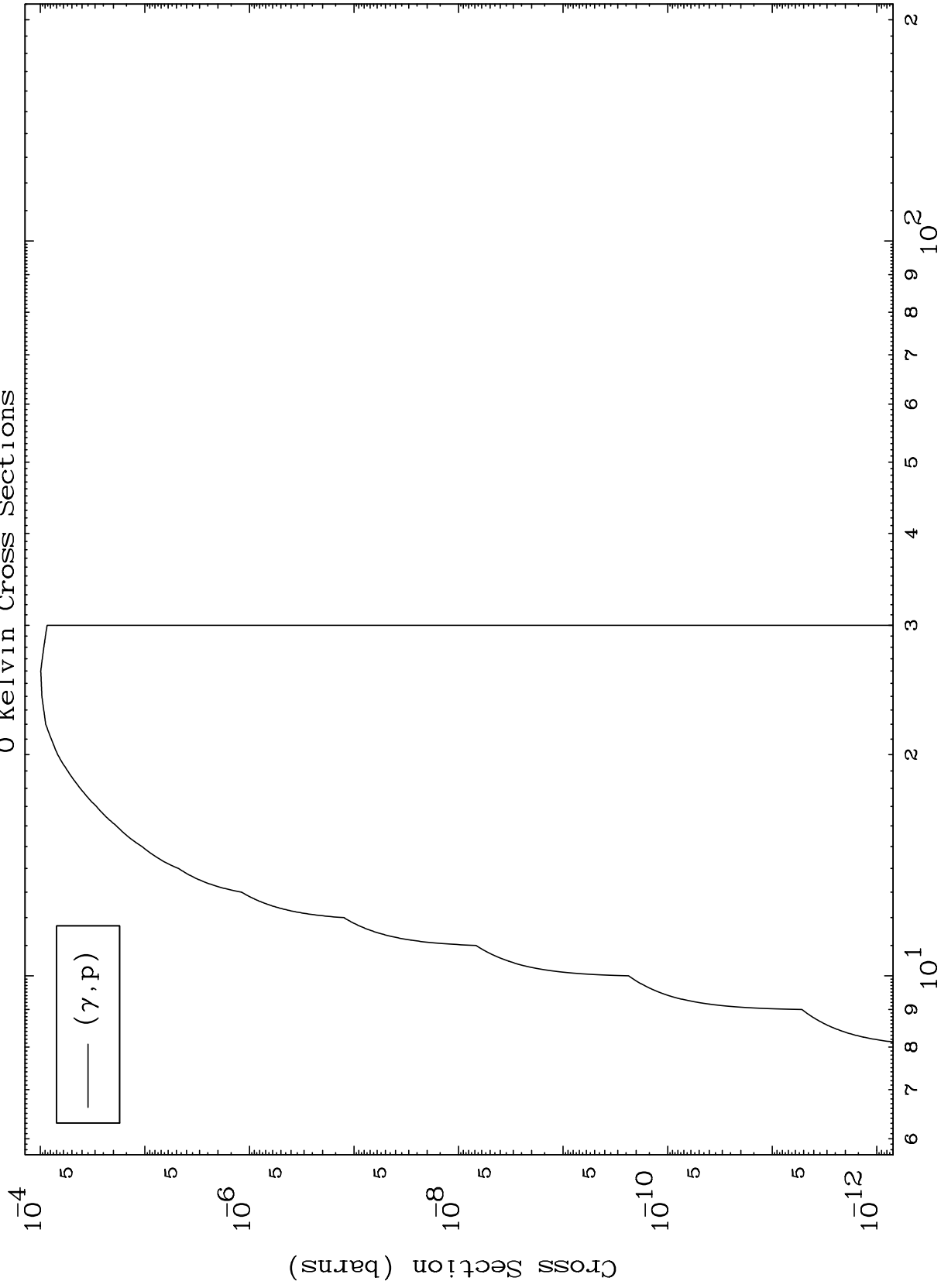
Incident Energy (MeV)

95-Am-242

MAT 9547

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

95-Am-242



6

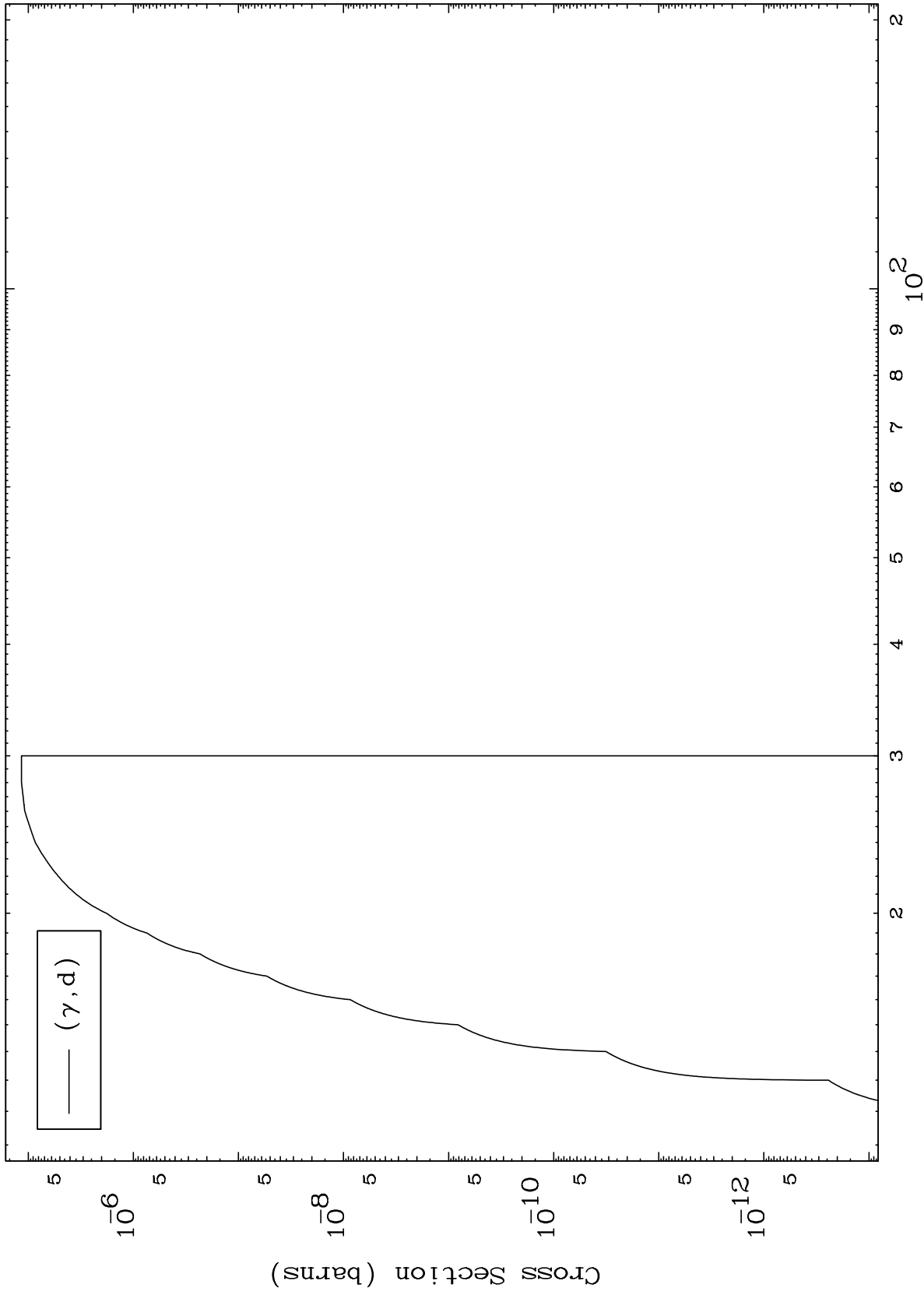
Incident Energy (MeV)

95-Am-242

MAT 9547

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

95-Am-242



7

Incident Energy (MeV)

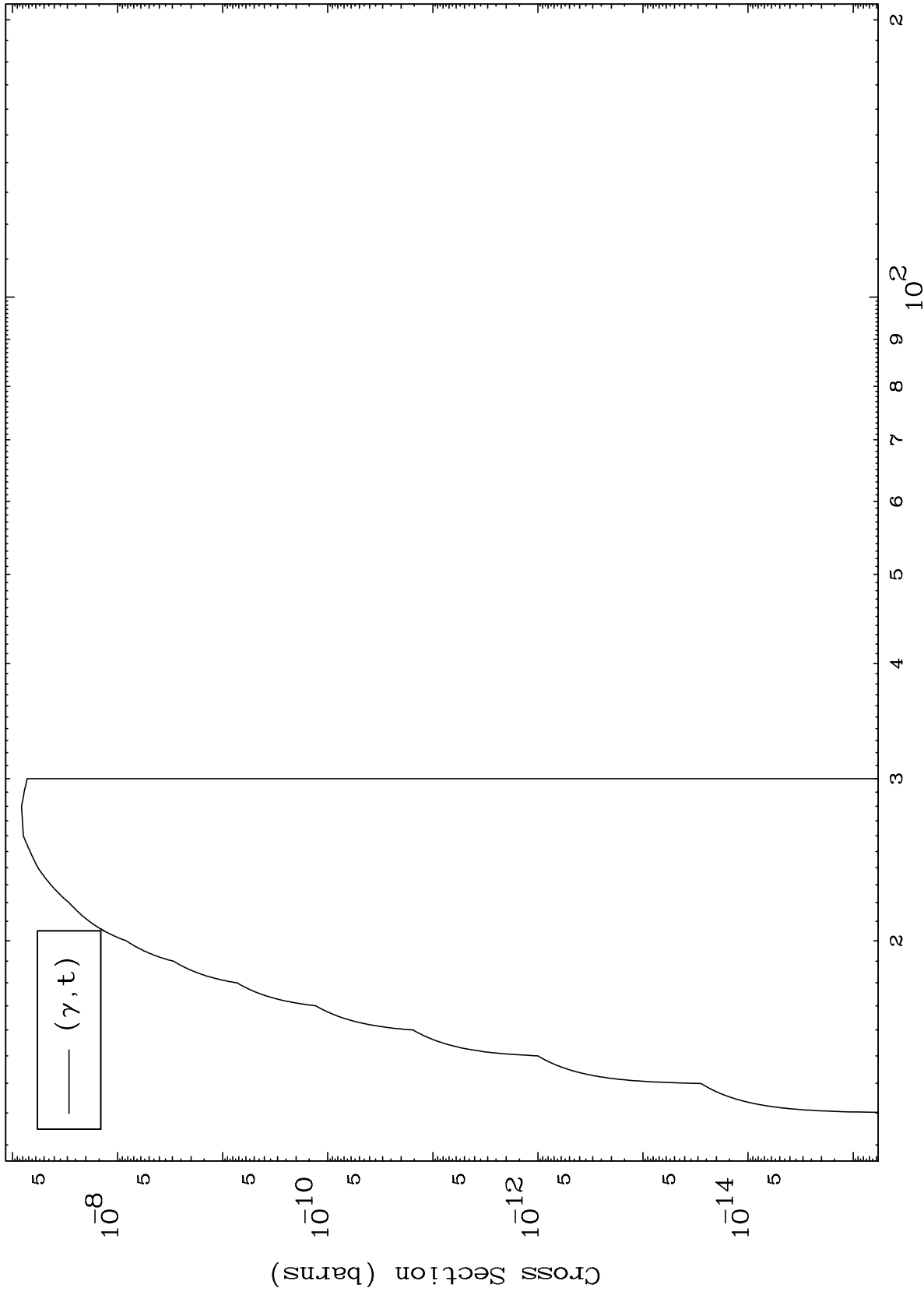
95-Am-242



MAT 9547

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

95-Am-242



8

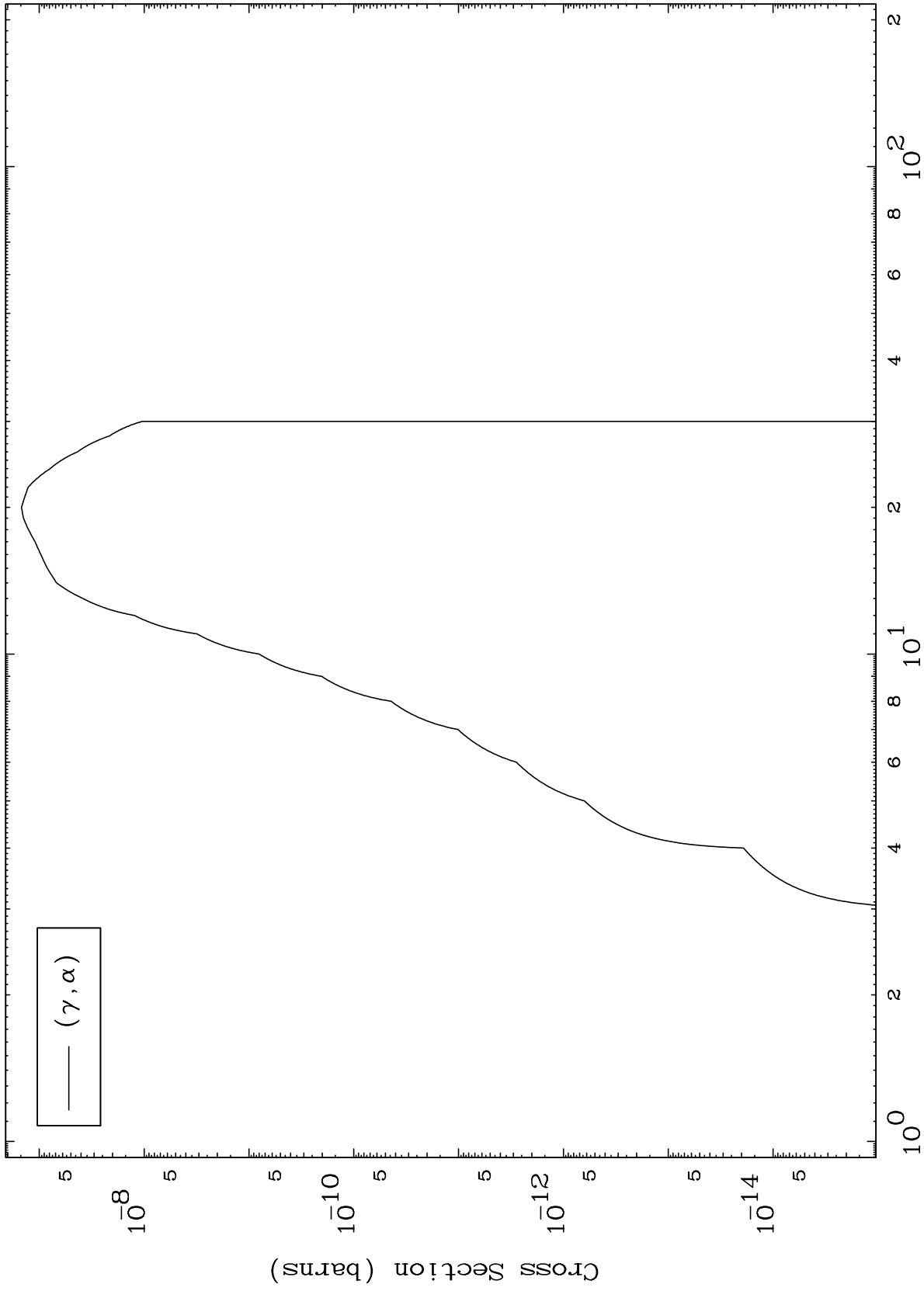
Incident Energy (MeV)

95-Am-242

MAT 9547

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

95-Am-242



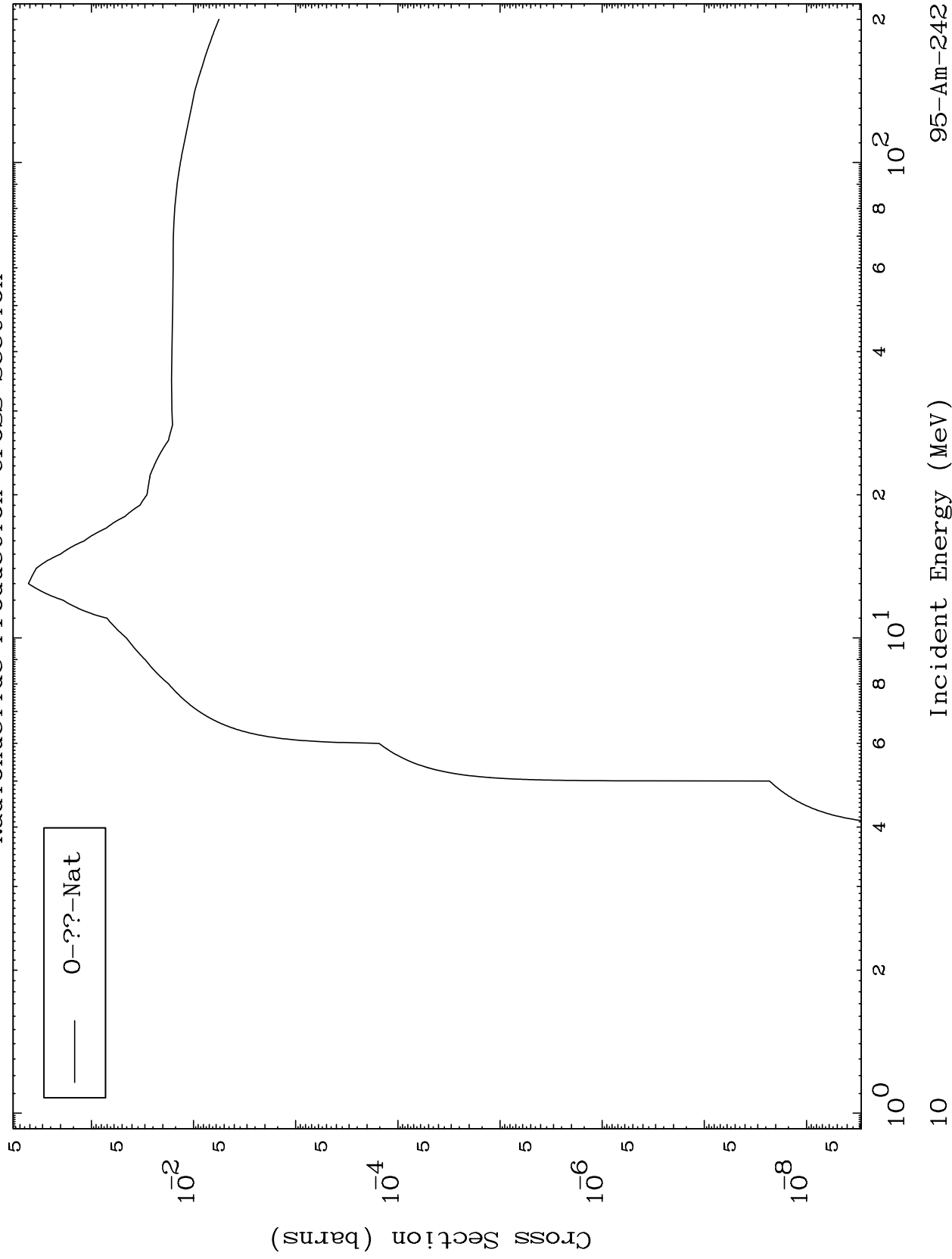
Incident Energy (MeV)

95-Am-242

MAT 9547

Photon Fission  
Radionuclide Production Cross Section

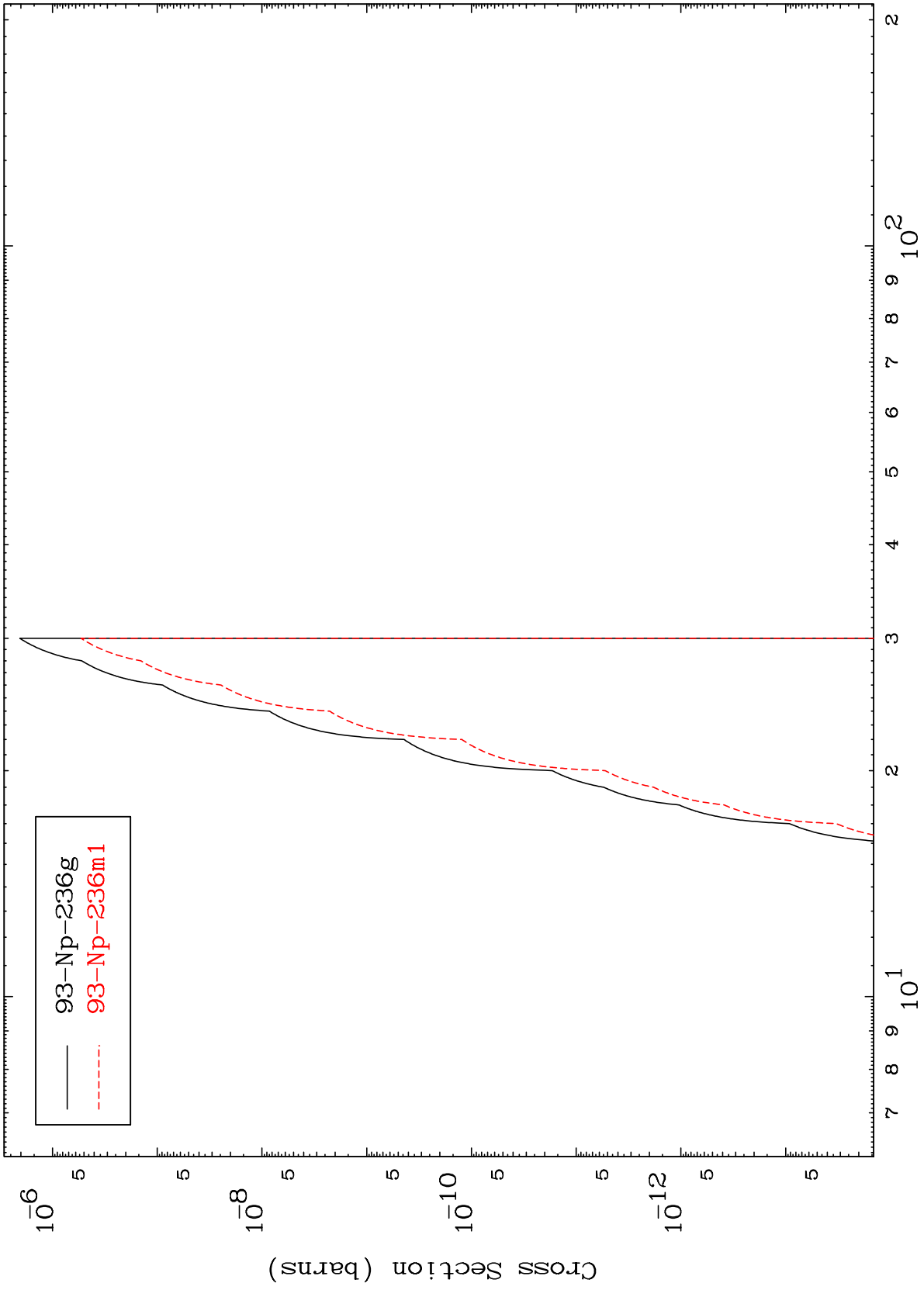
95-Am-242



MAT 9547

95-Am-242

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



11

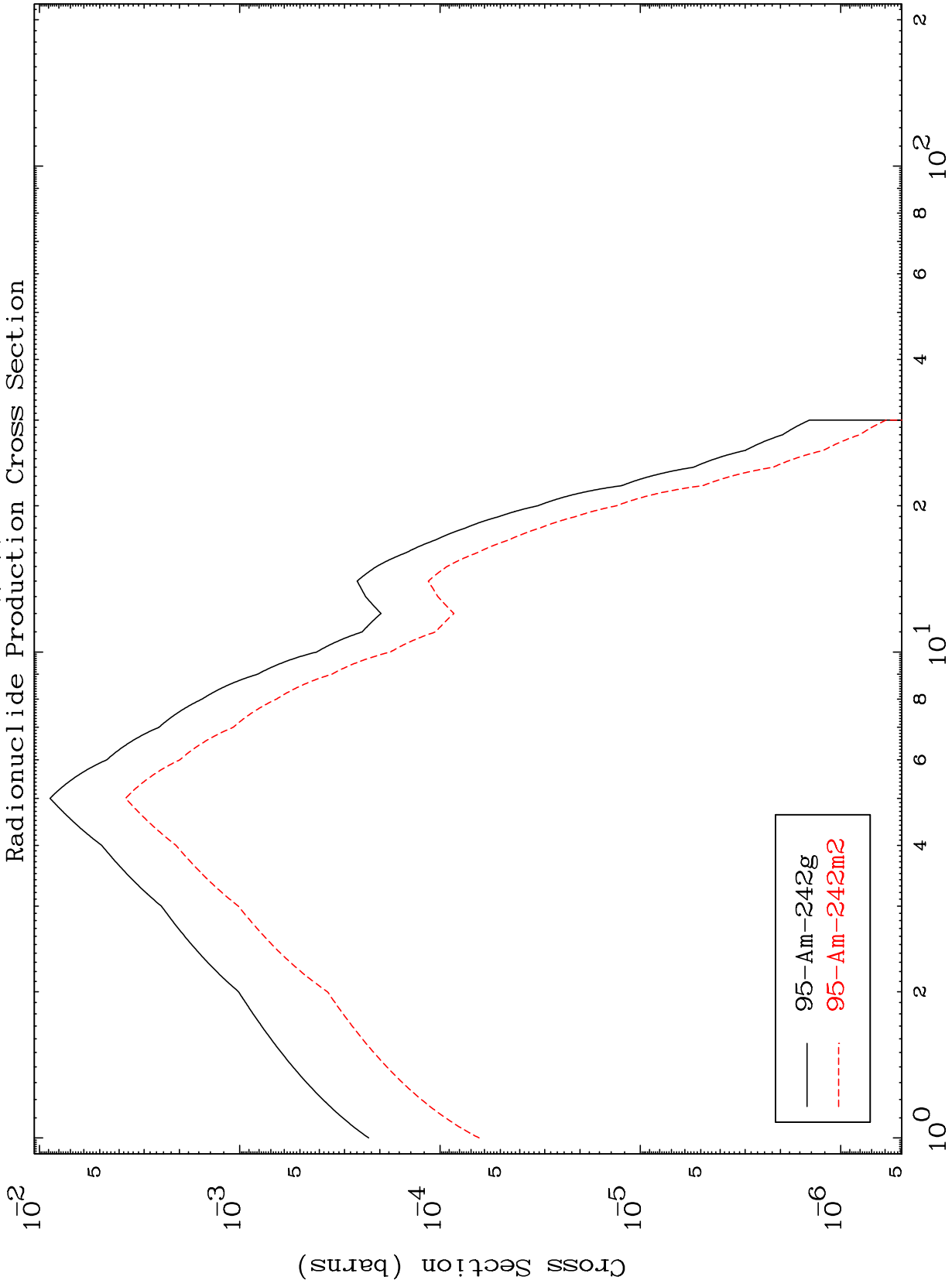
Incident Energy (MeV)

95-Am-242

MAT 9547

95-Am-242

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



— 95-Am-242g  
- - - 95-Am-242m2

12

Incident Energy (MeV)

95-Am-242