

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

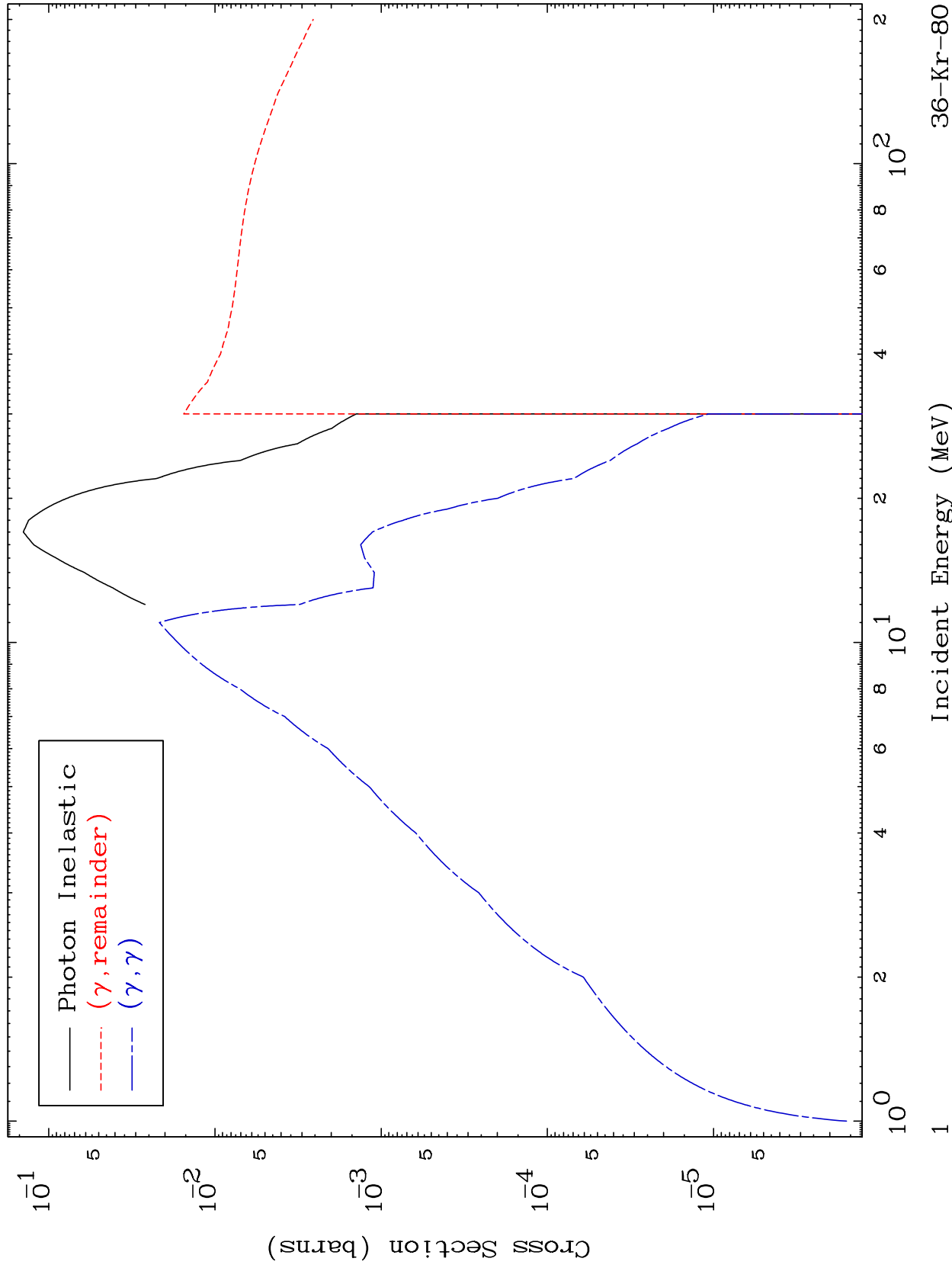
Press Mouse Button to Start

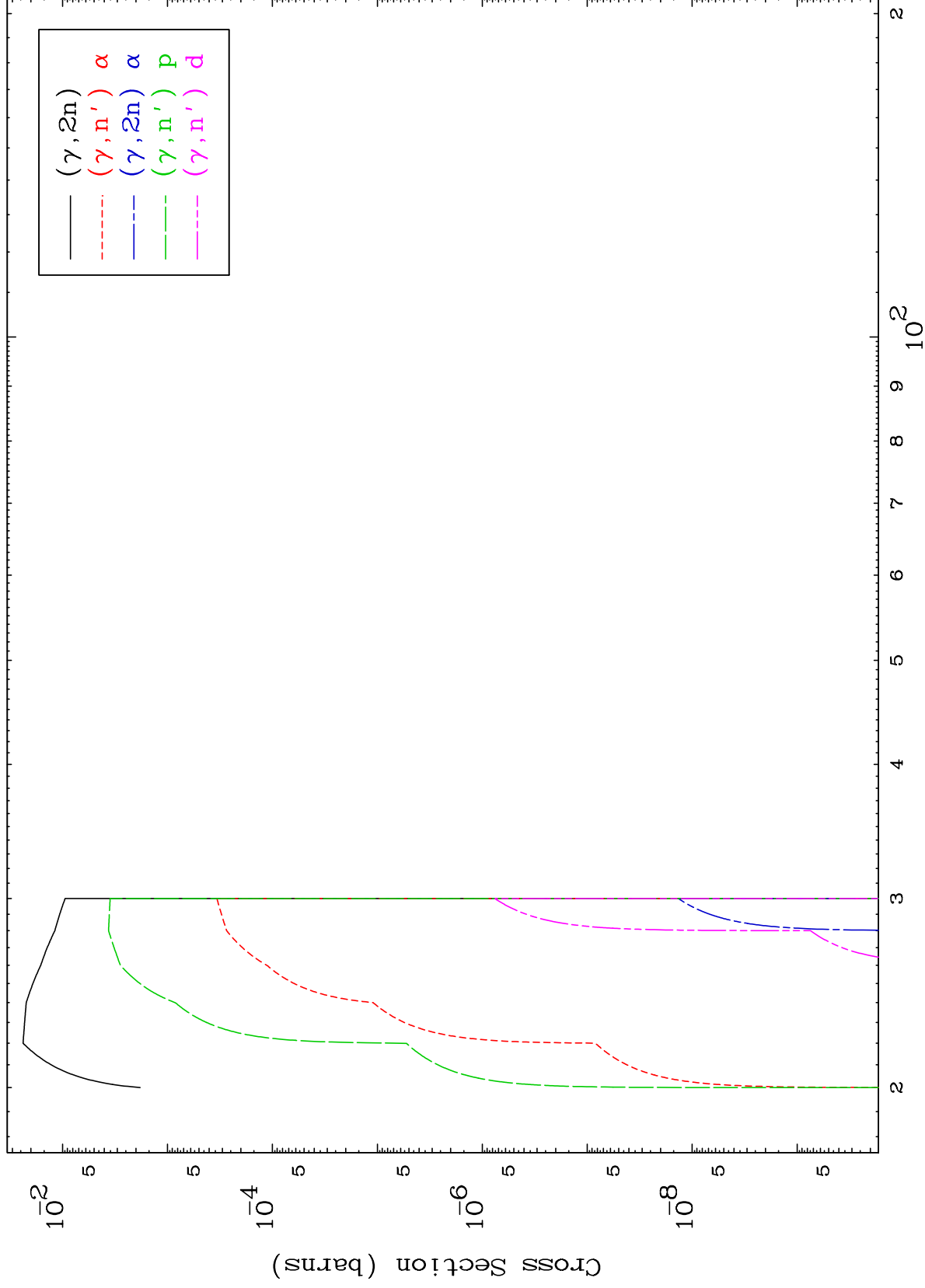
MAT 3631

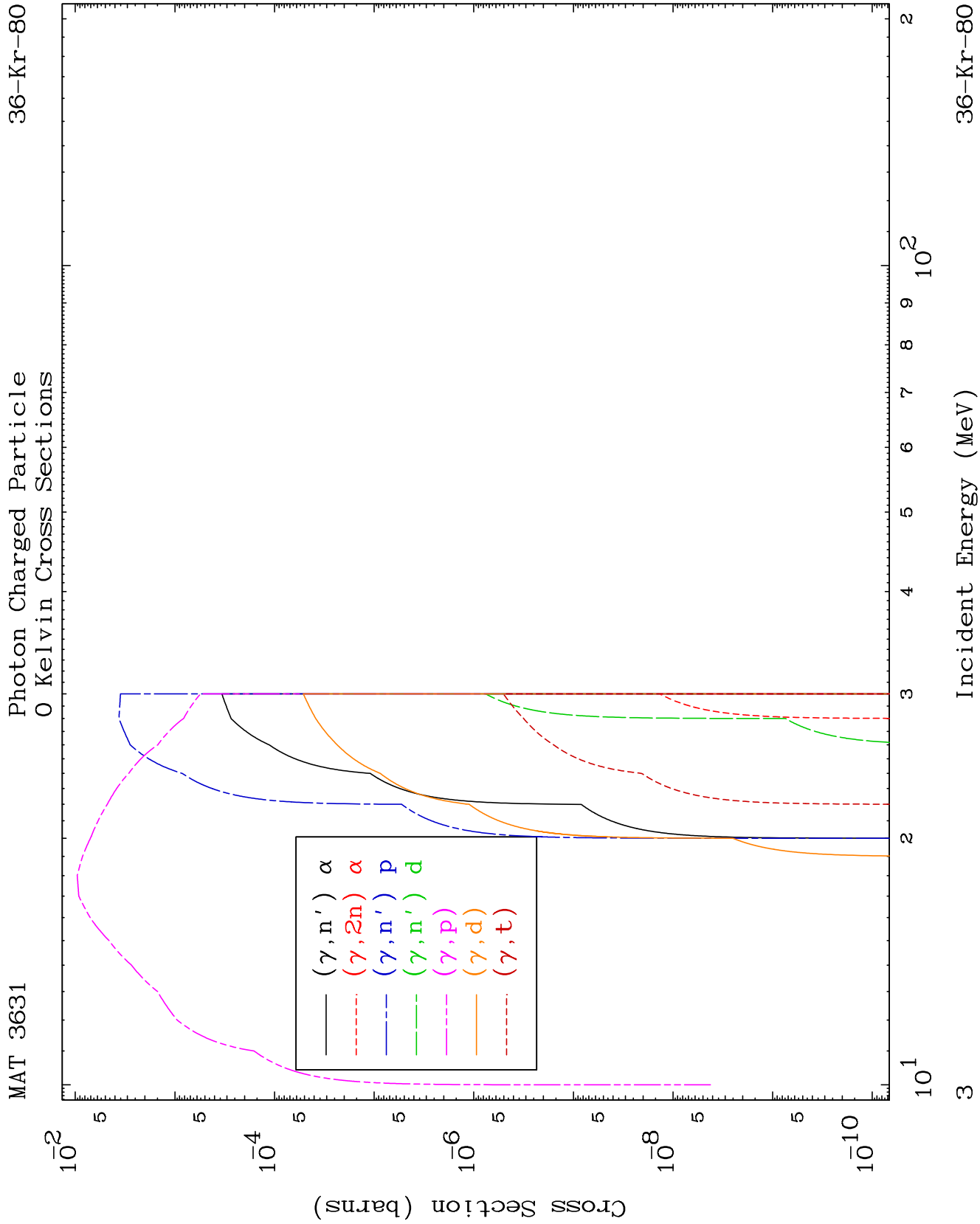
Photon Major

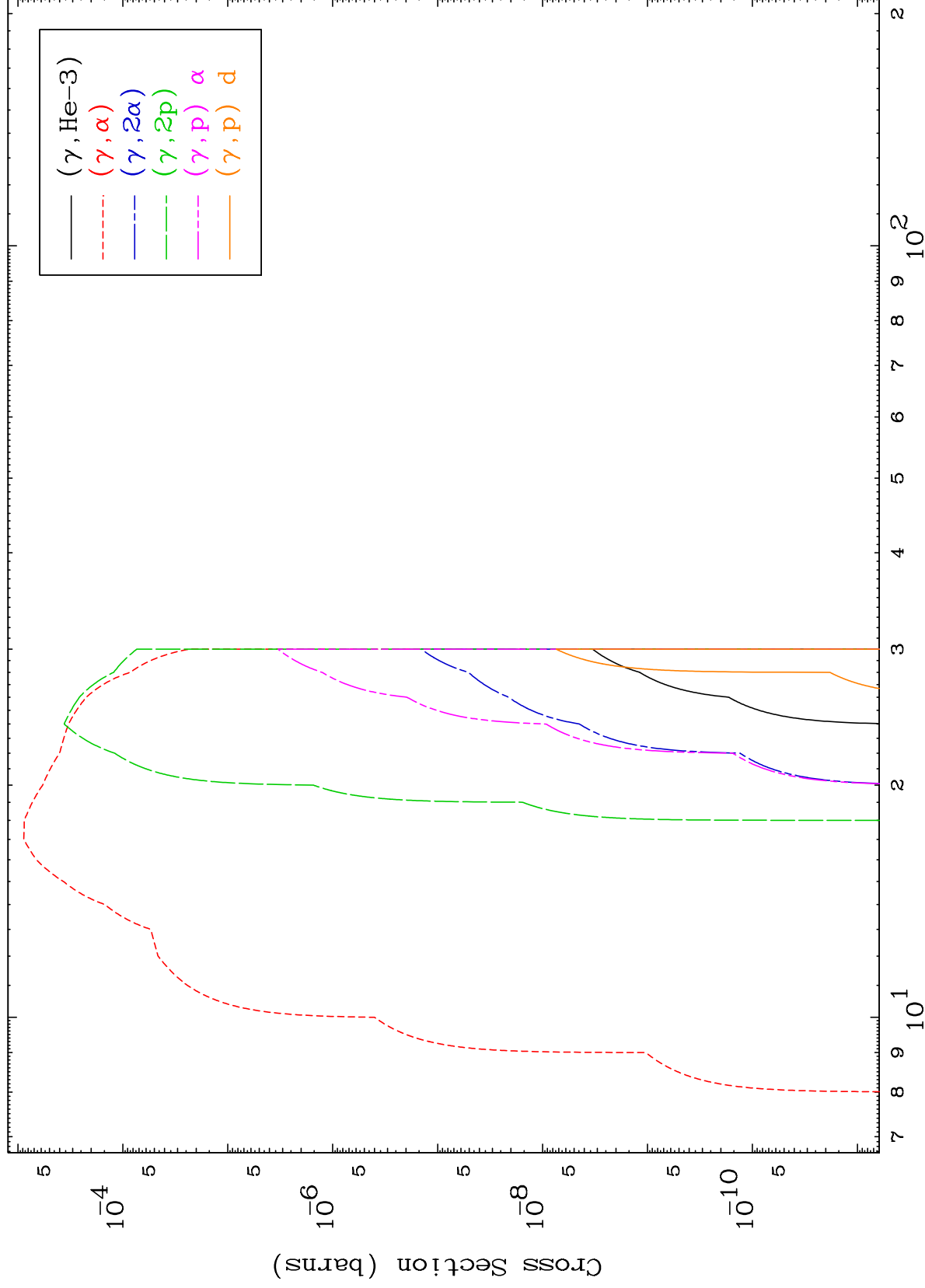
36-Kr-80

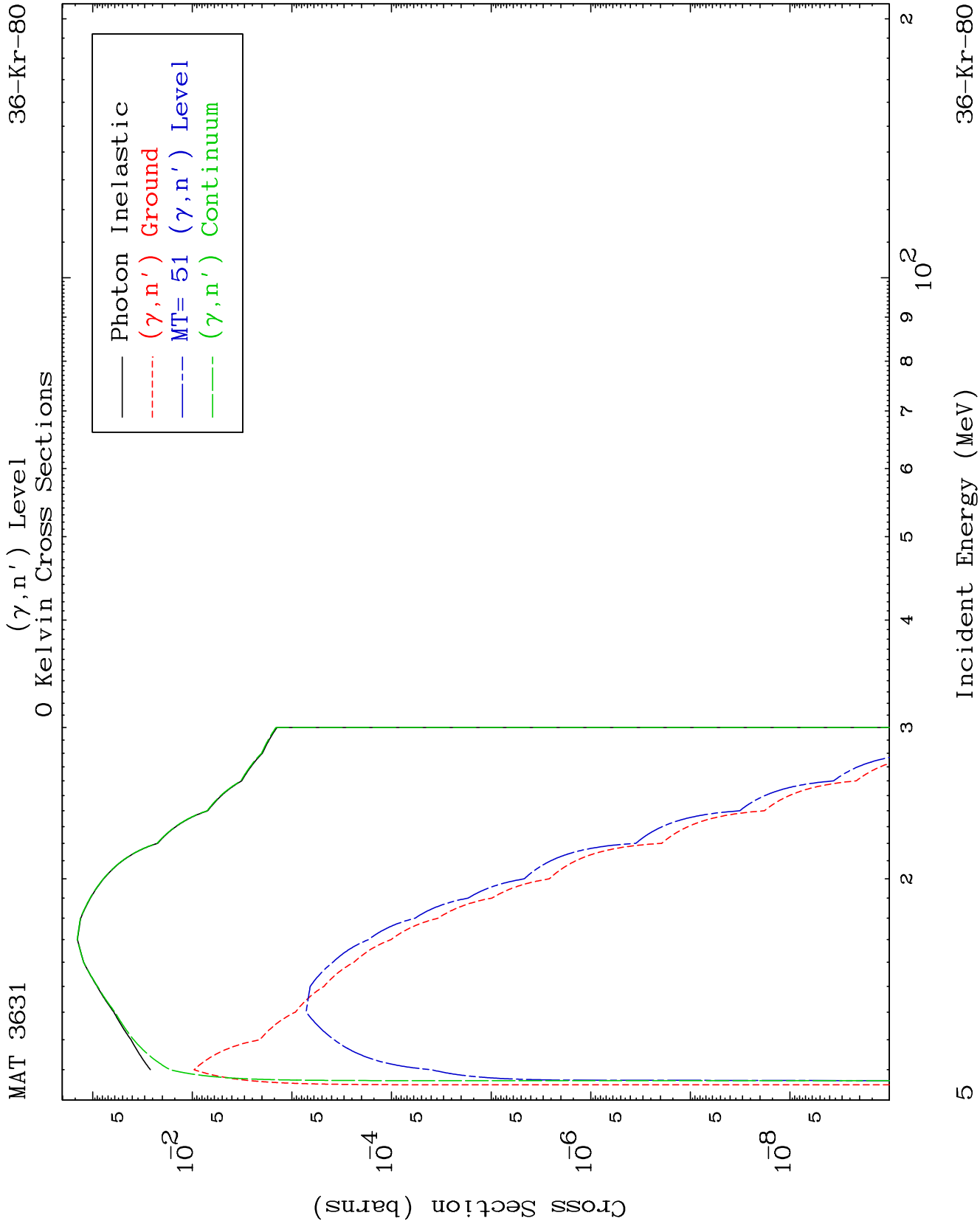
0 Kelvin Cross Sections

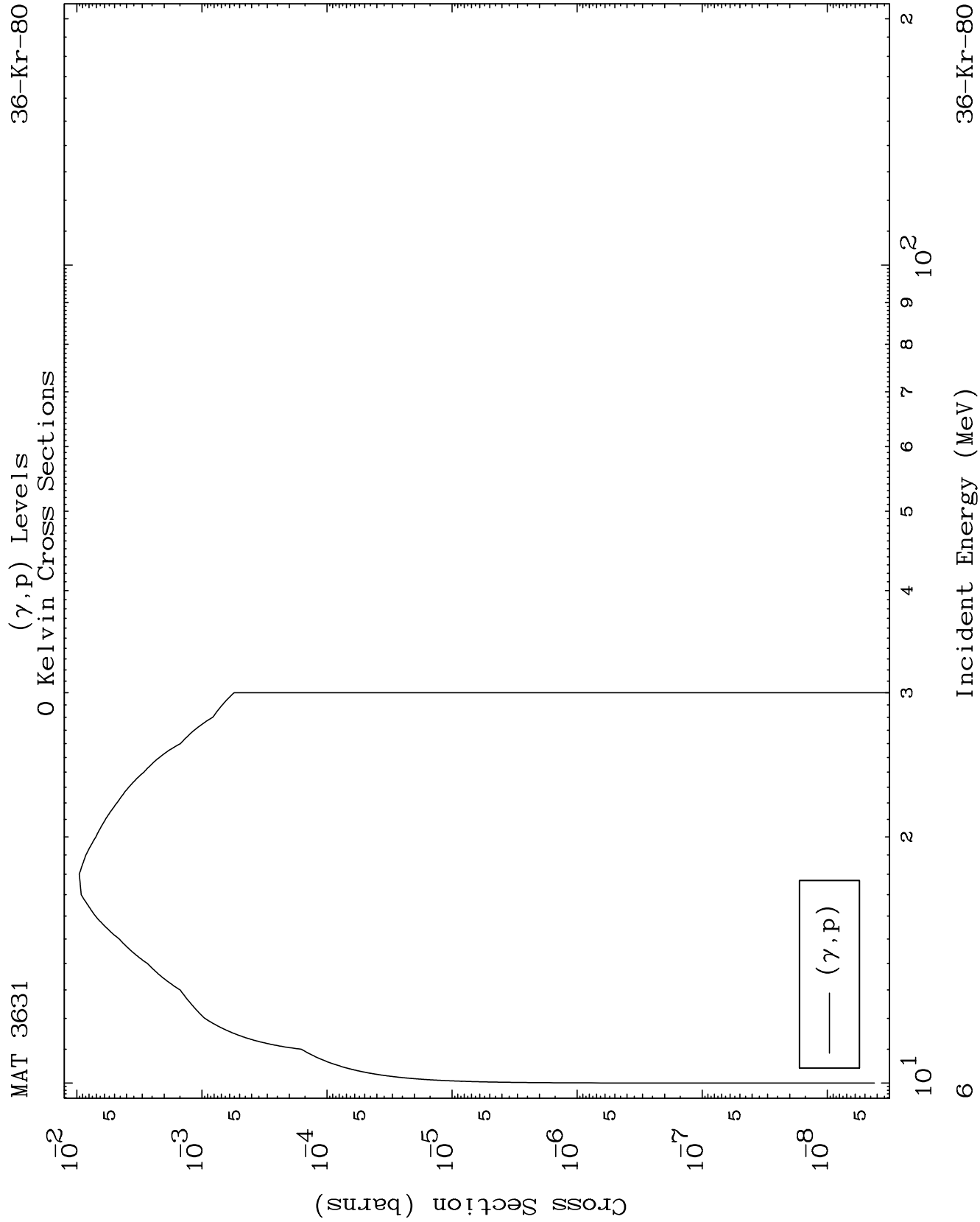








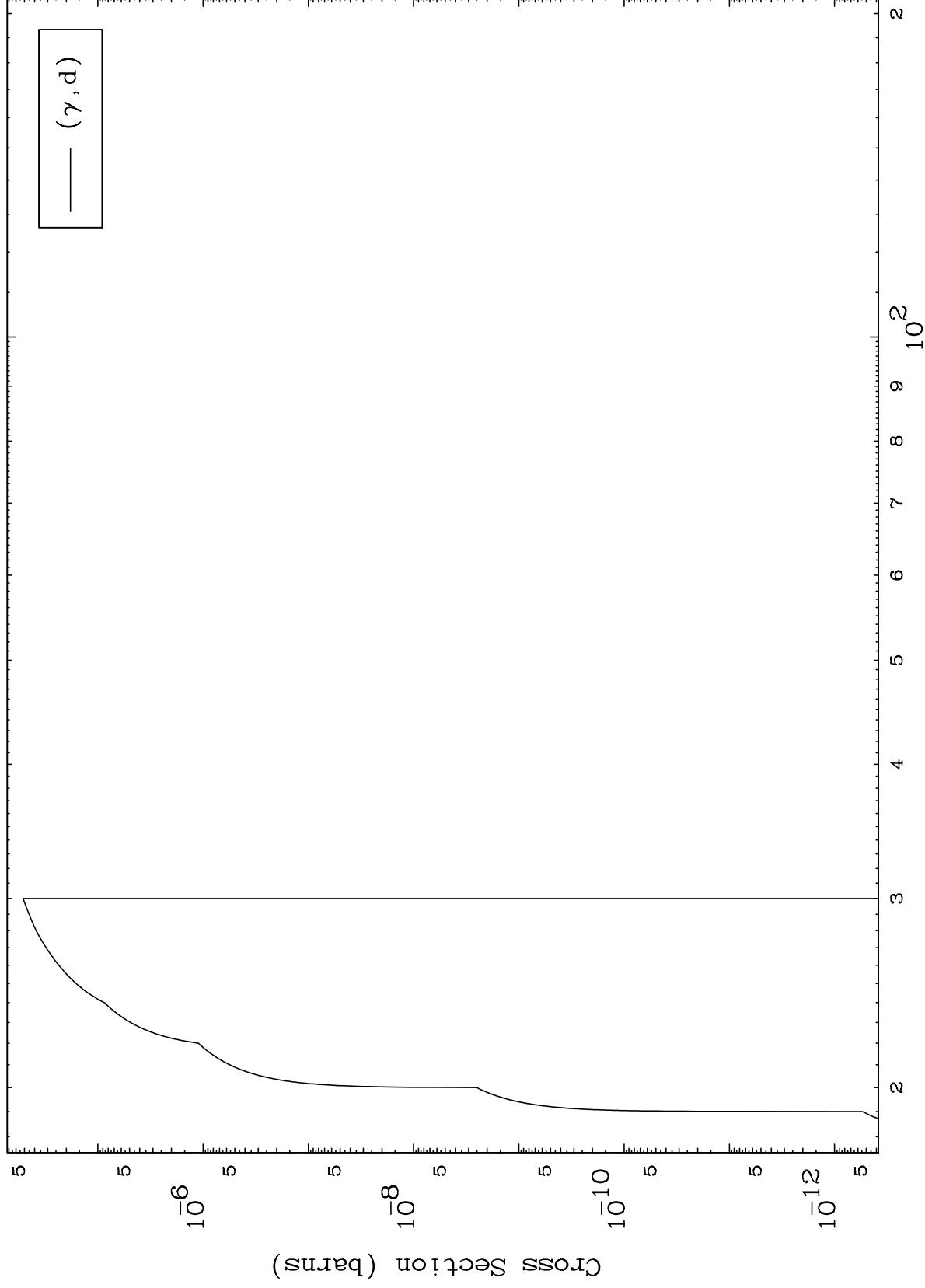




MAT 3631

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

36-Kr-80



7

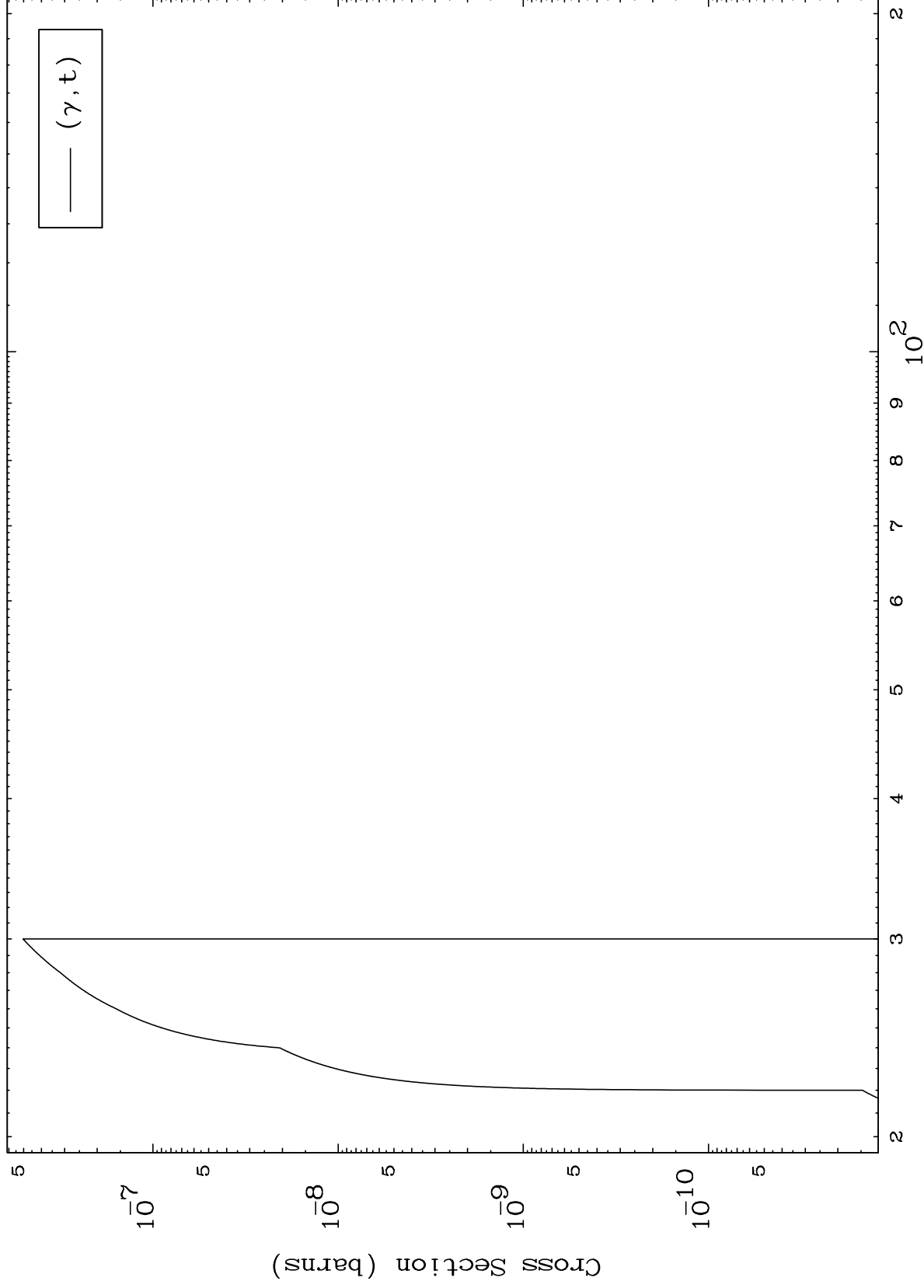
Incident Energy (MeV)

36-Kr-80

MAT 3631

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

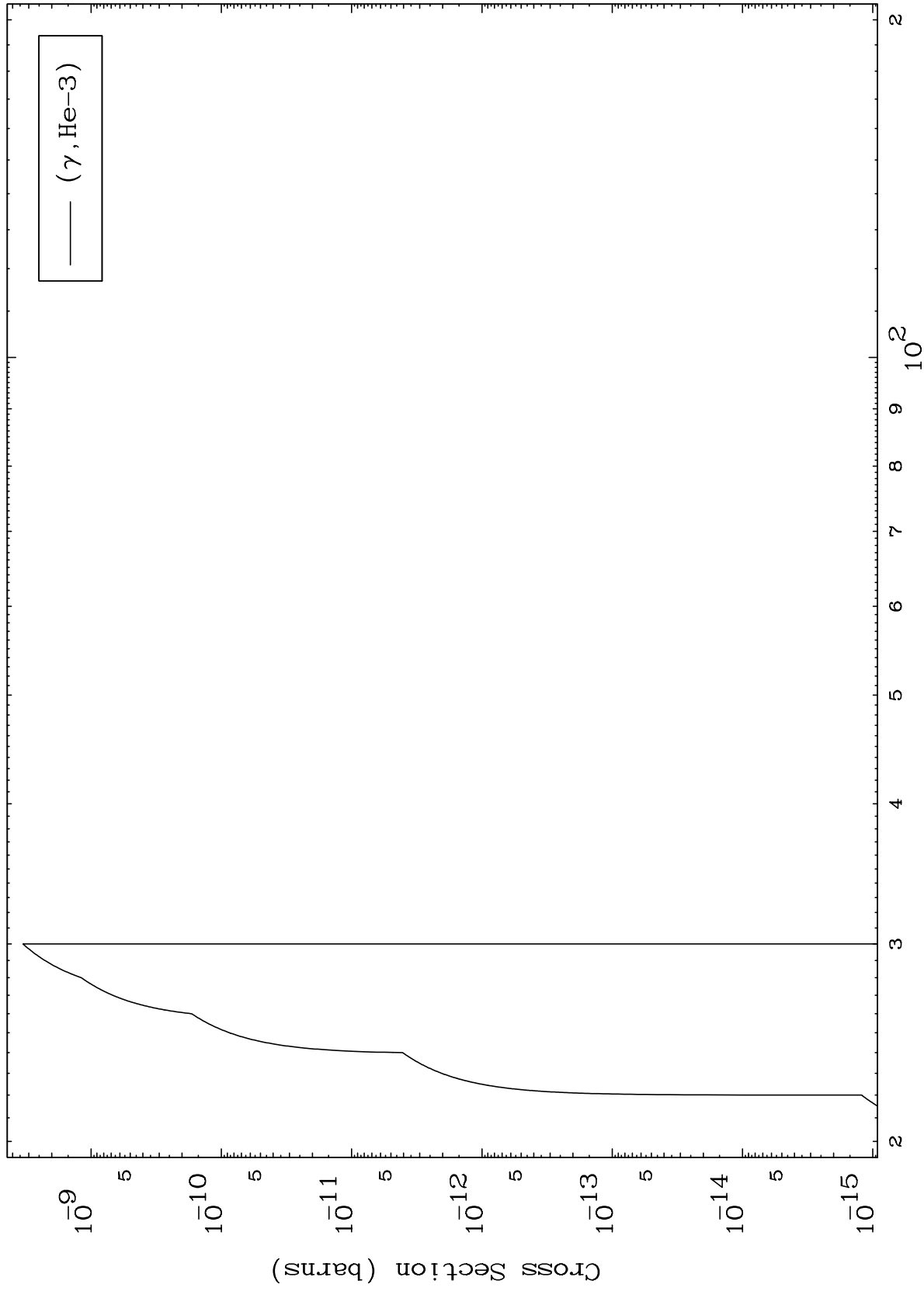
36-Kr-80



MAT 3631

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

36-Kr-80



9

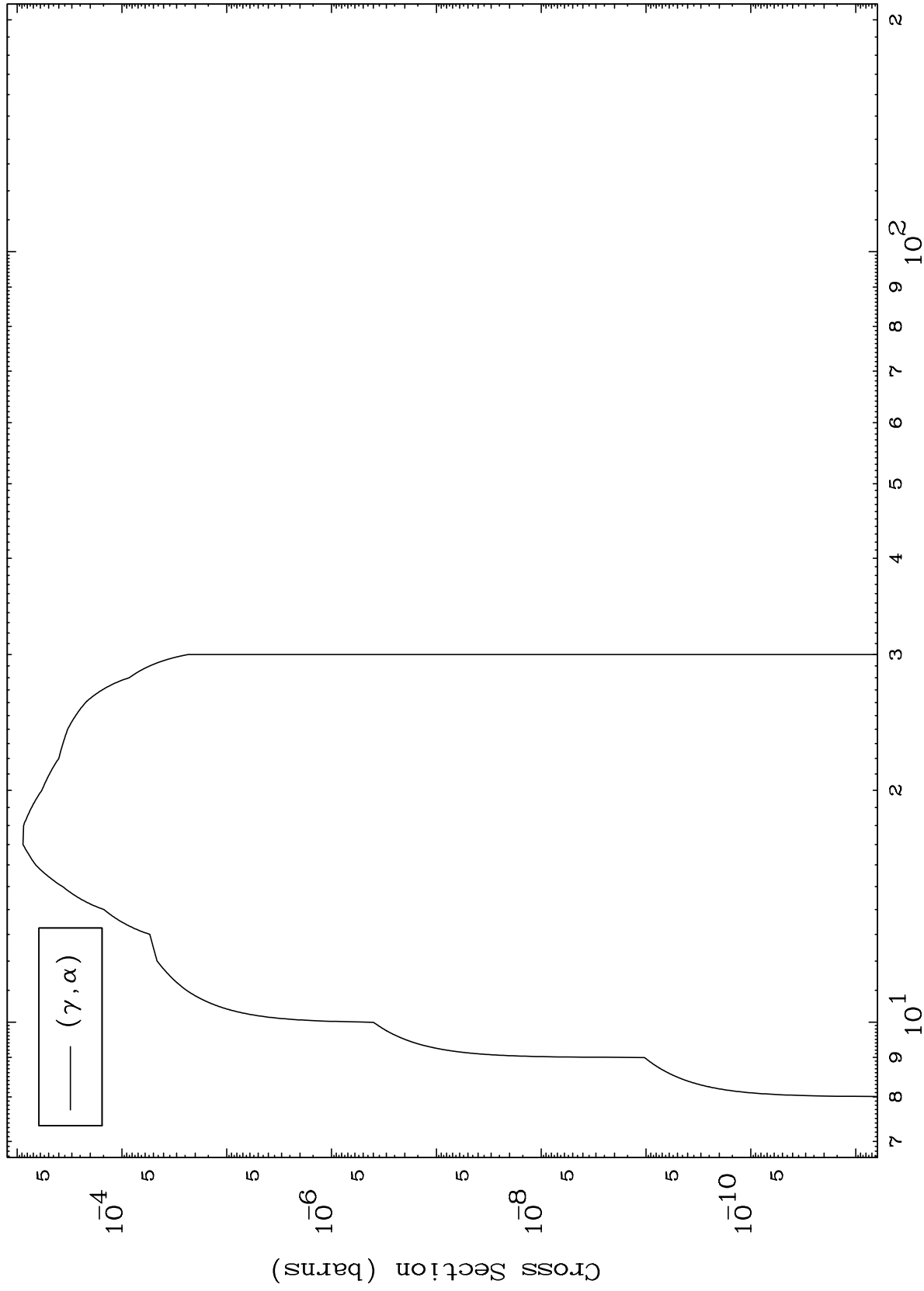
Incident Energy (MeV)

36-Kr-80

MAT 3631

36-Kr-80

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



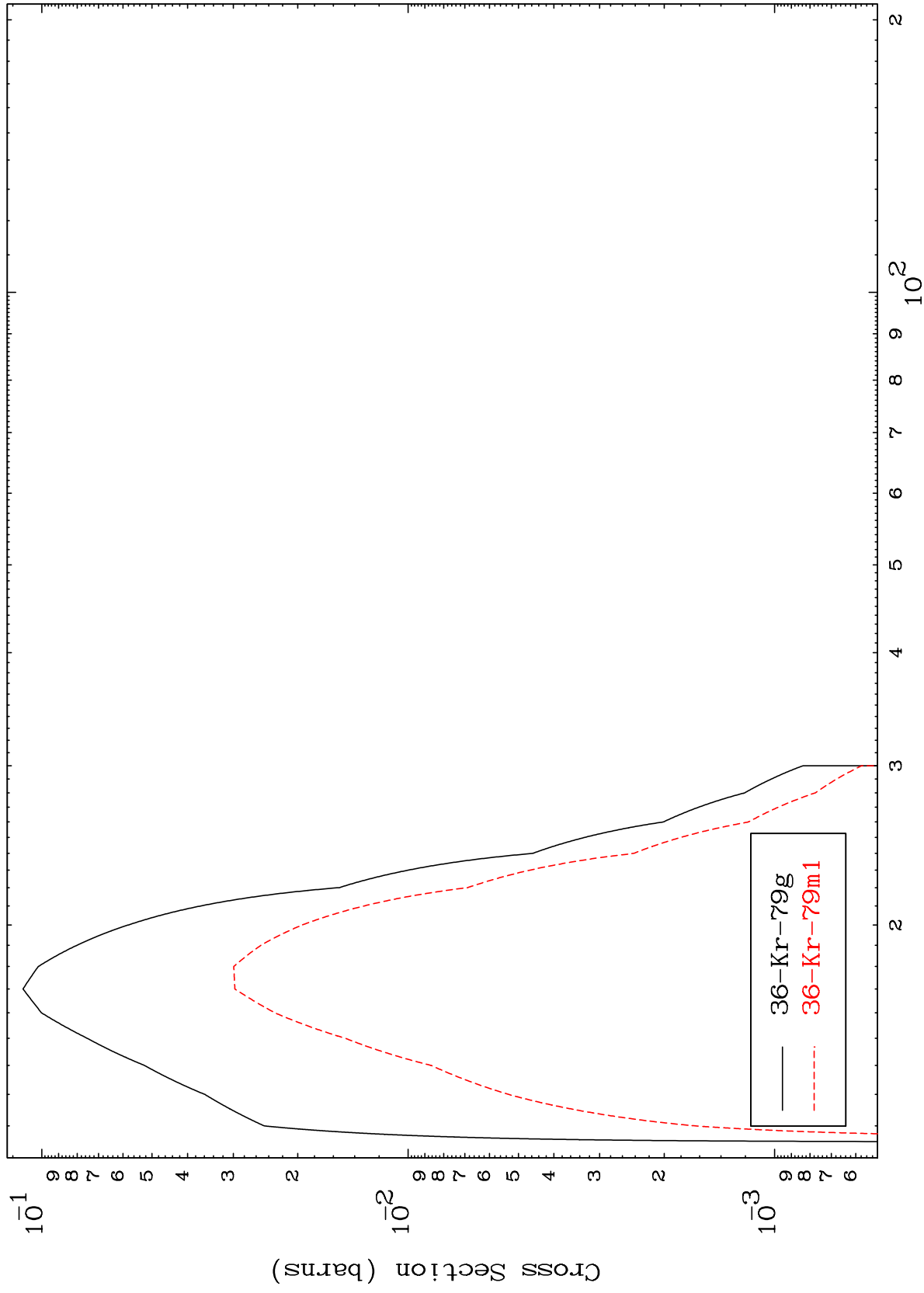
36-Kr-80

Incident Energy (MeV)

MAT 3631

Photon Inelastic  
Radionuclide Production Cross Section

<sup>36</sup>Kr-80



11

Incident Energy (MeV)

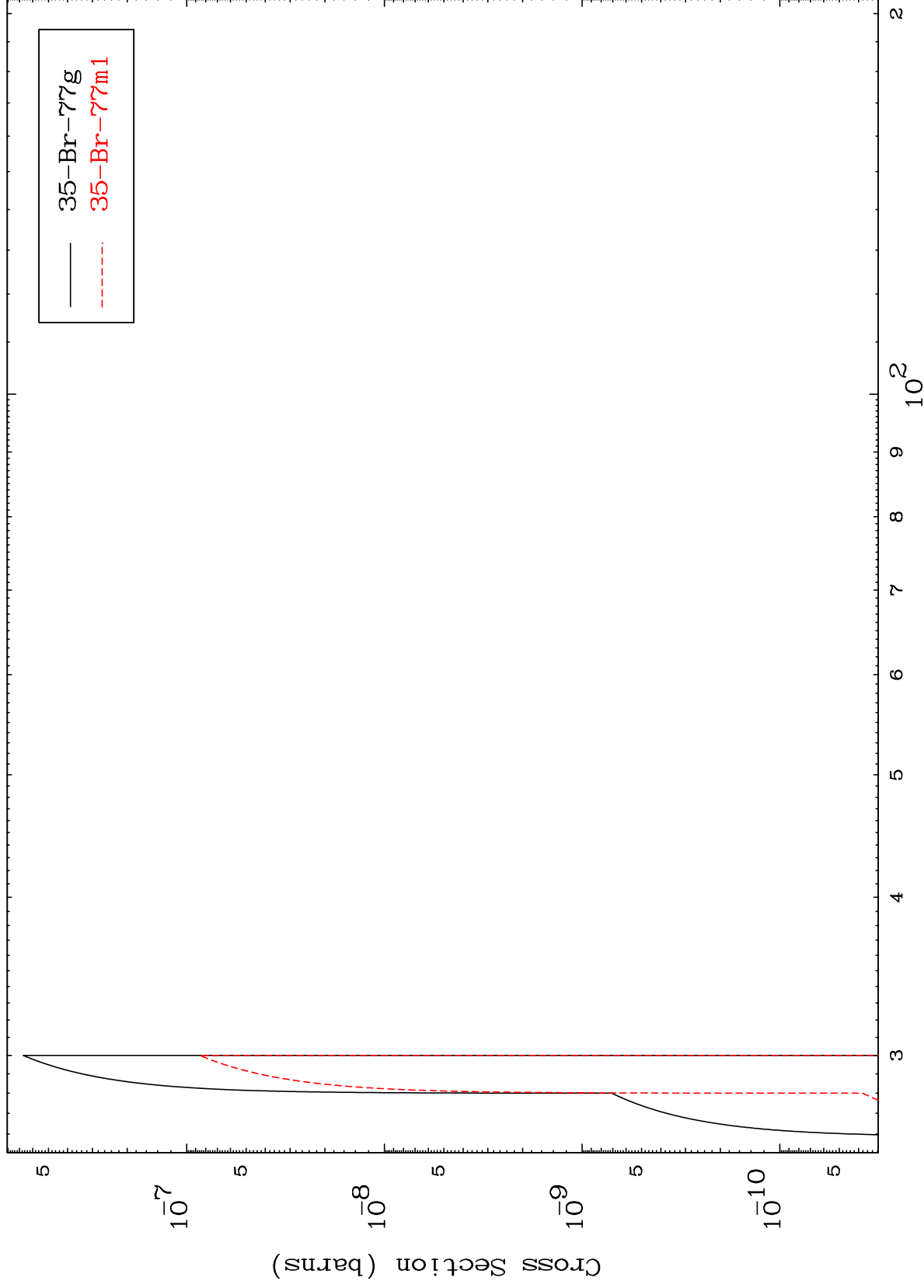
<sup>36</sup>Kr-80

MAT 3631

$(\gamma, n')$  d

36-Kr-80

Radionuclide Production Cross Section



12

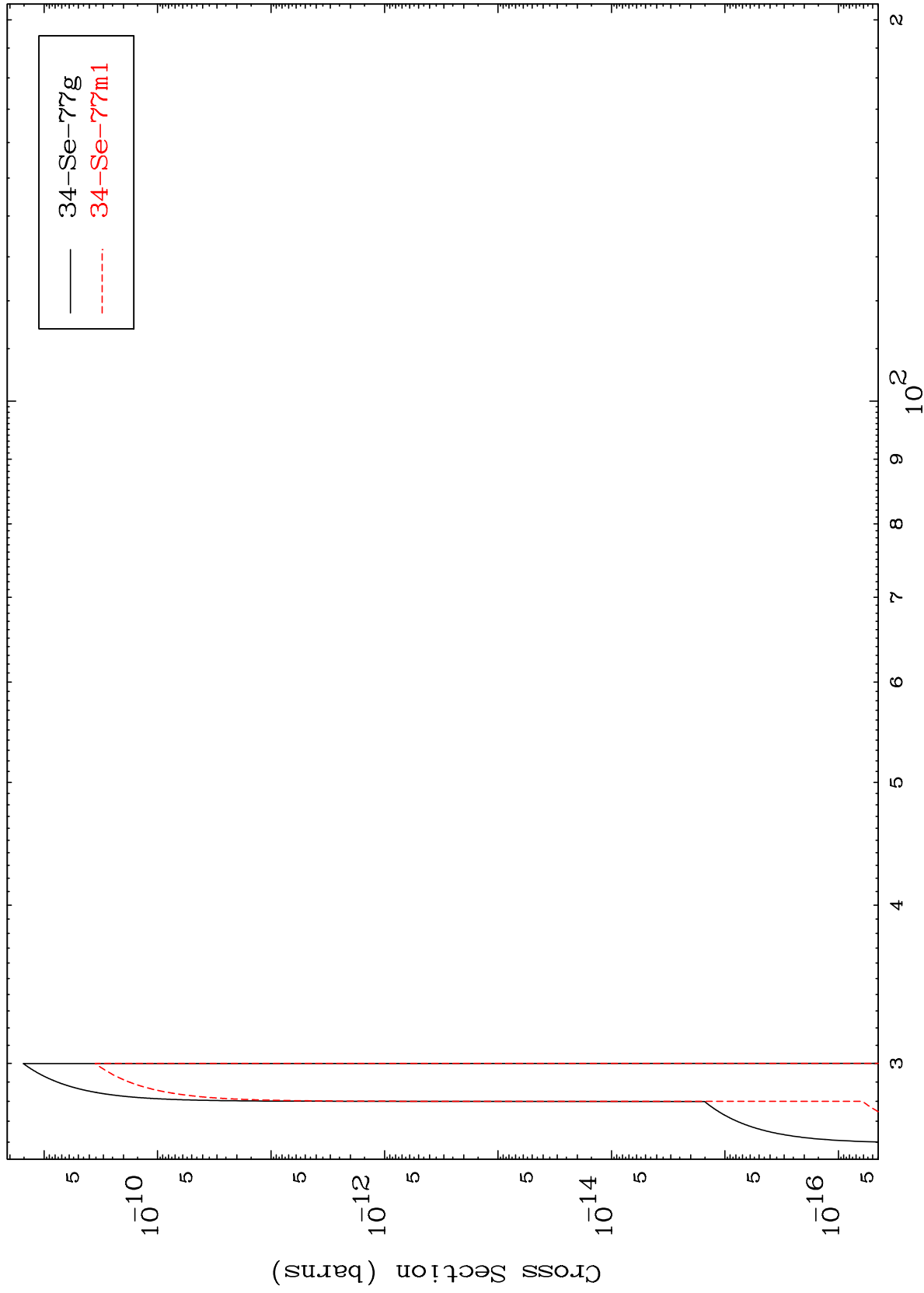
Incident Energy (MeV)

36-Kr-80

MAT 3631

36-Kr-80

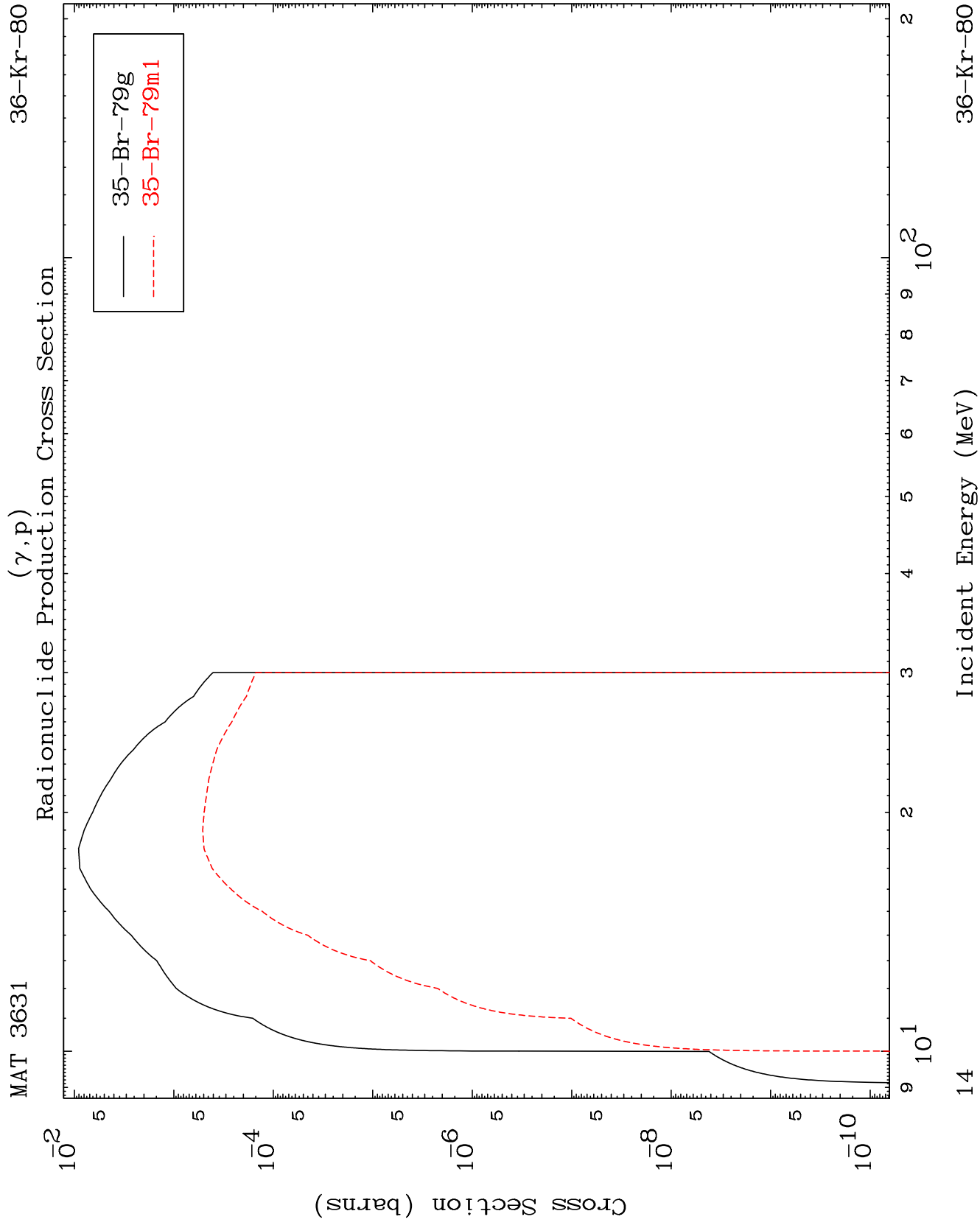
$(\gamma, 2n)$  p  
Radionuclide Production Cross Section

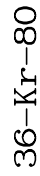


13

Incident Energy (MeV)

36-Kr-80



$^{36}\text{Kr}-80$  $^{36}\text{Kr}-80$ 

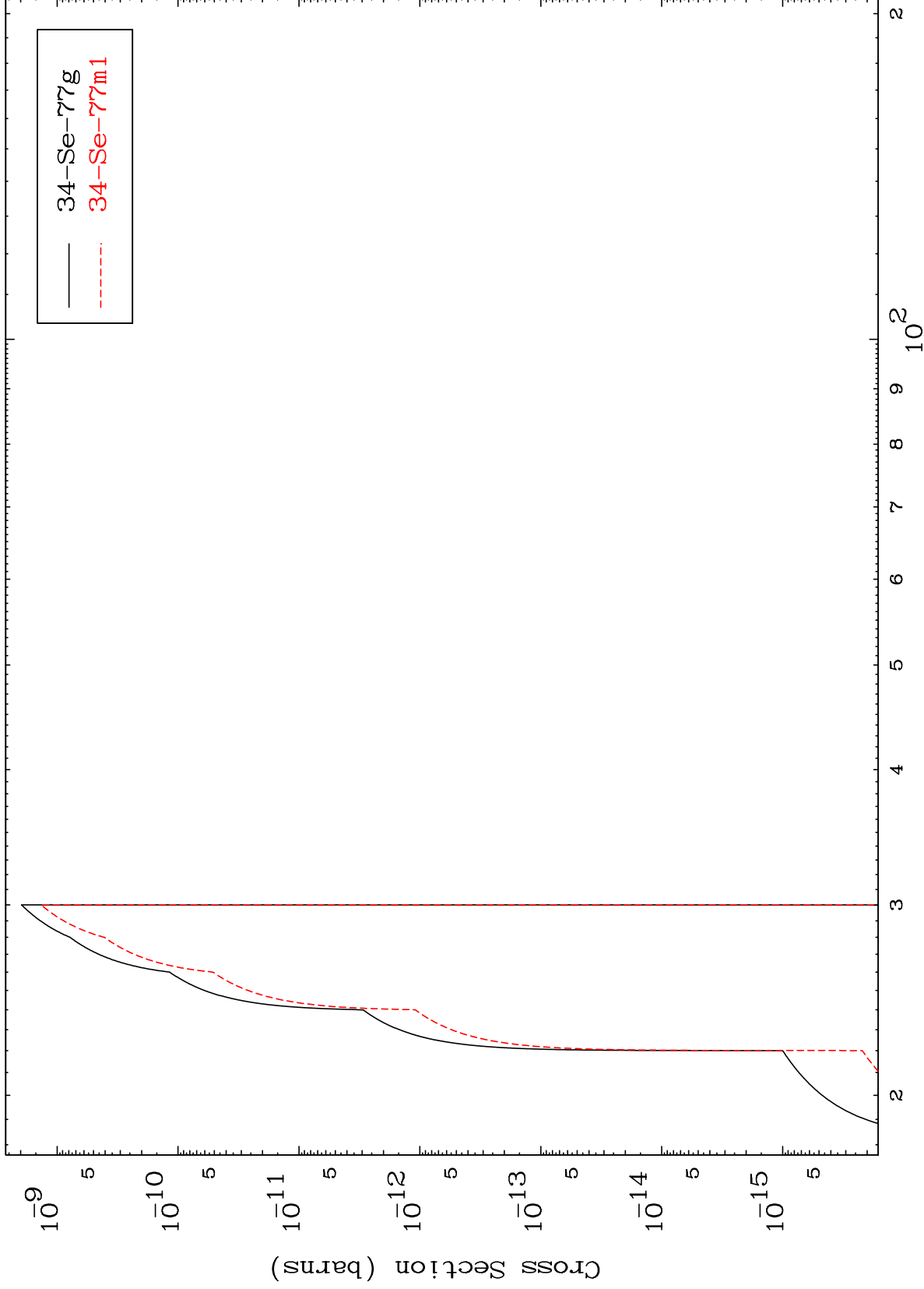
36-Kr-80

MAT 3631

( $\gamma$ ,He-3)

36-Kr-80

Radionuclide Production Cross Section



16

Incident Energy (MeV)

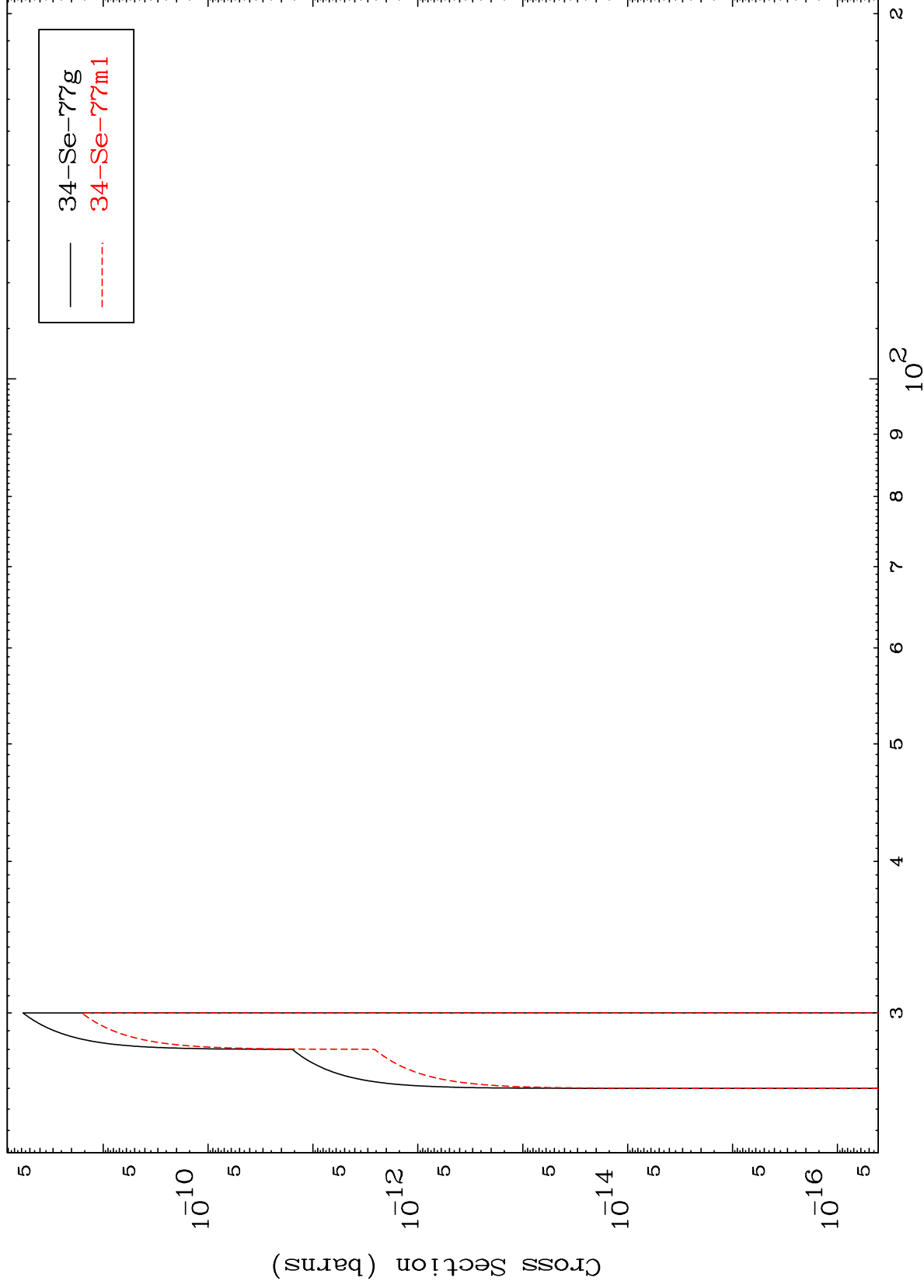
36-Kr-80

MAT 3631

( $\gamma, p$ ) d

<sup>36</sup>Kr-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

<sup>36</sup>Kr-80