

Program EVALPLOT  
(Version 2017-1)

by

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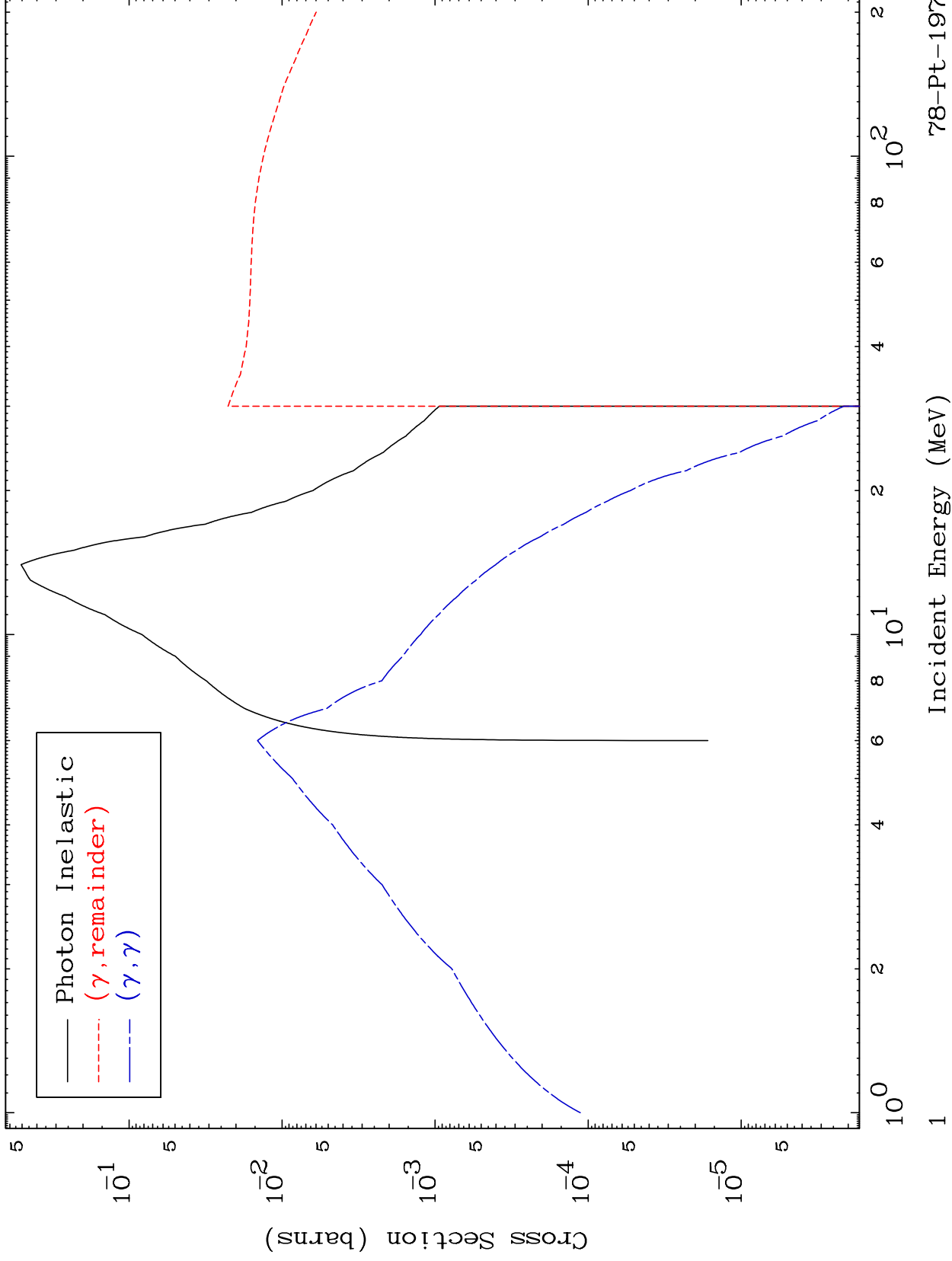
Press Mouse Button to Start

MAT 7847

Photon Major

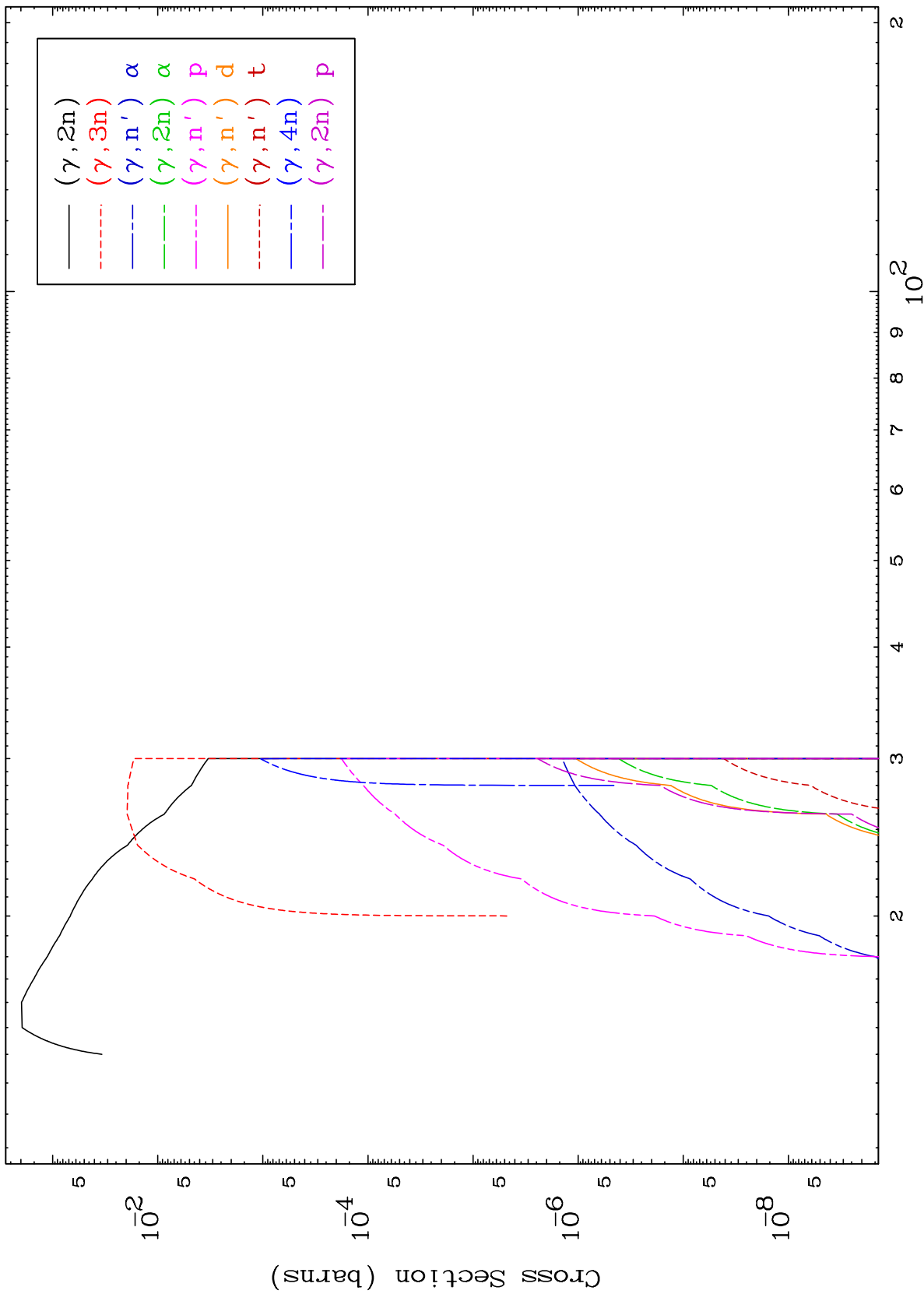
78-Pt-197

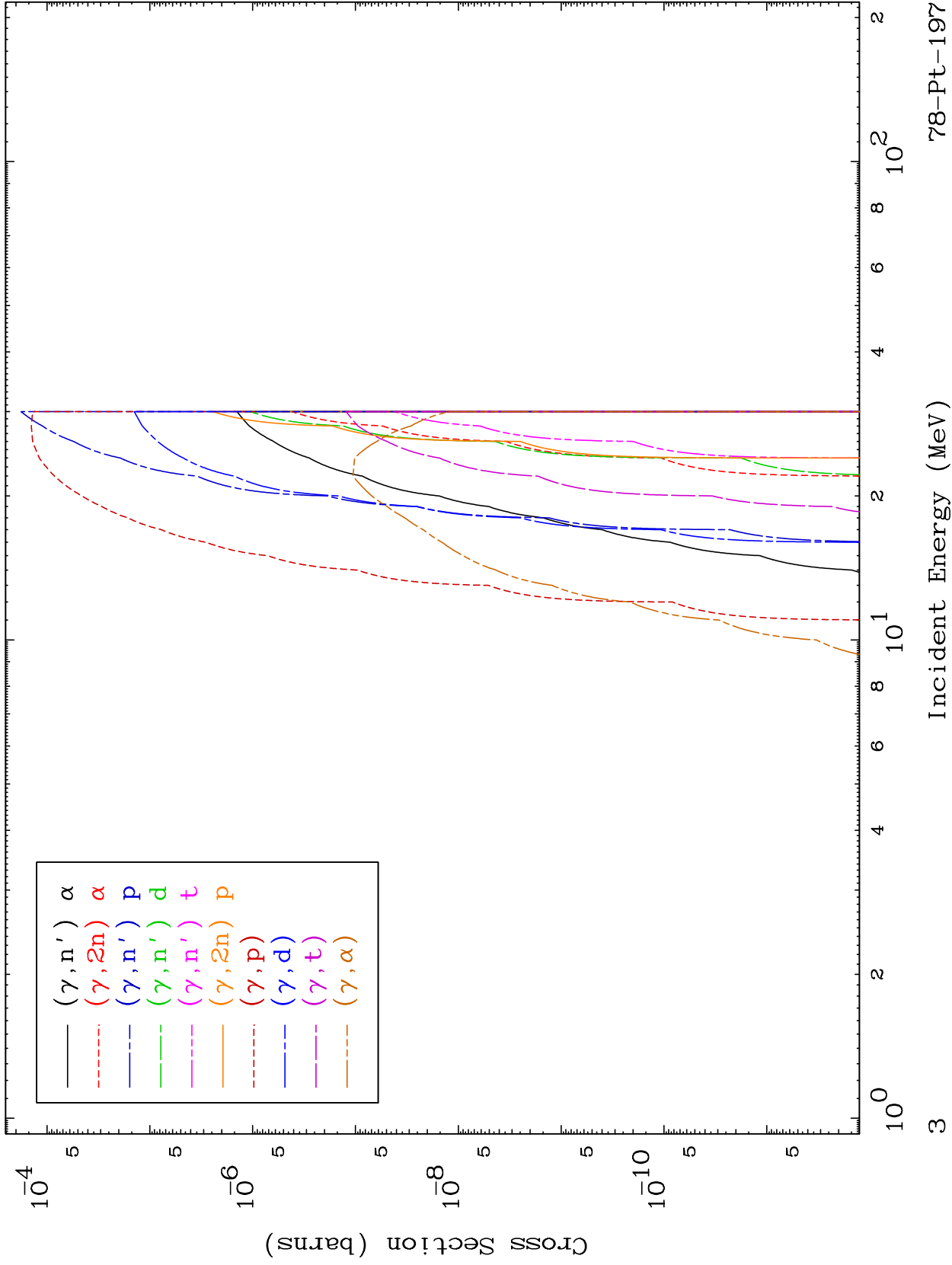
0 Kelvin Cross Sections



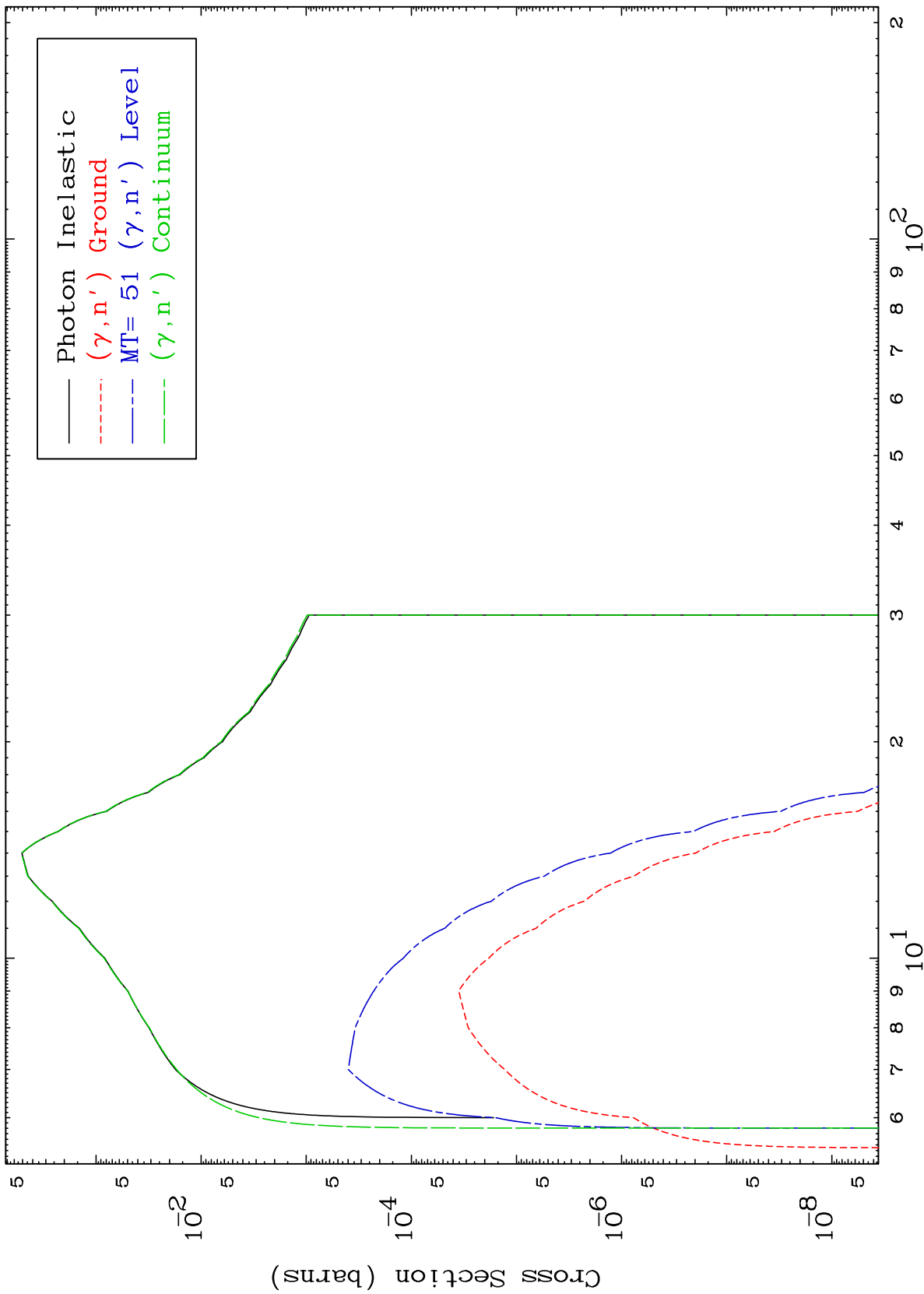
Incident Energy (MeV)

78-Pt-197





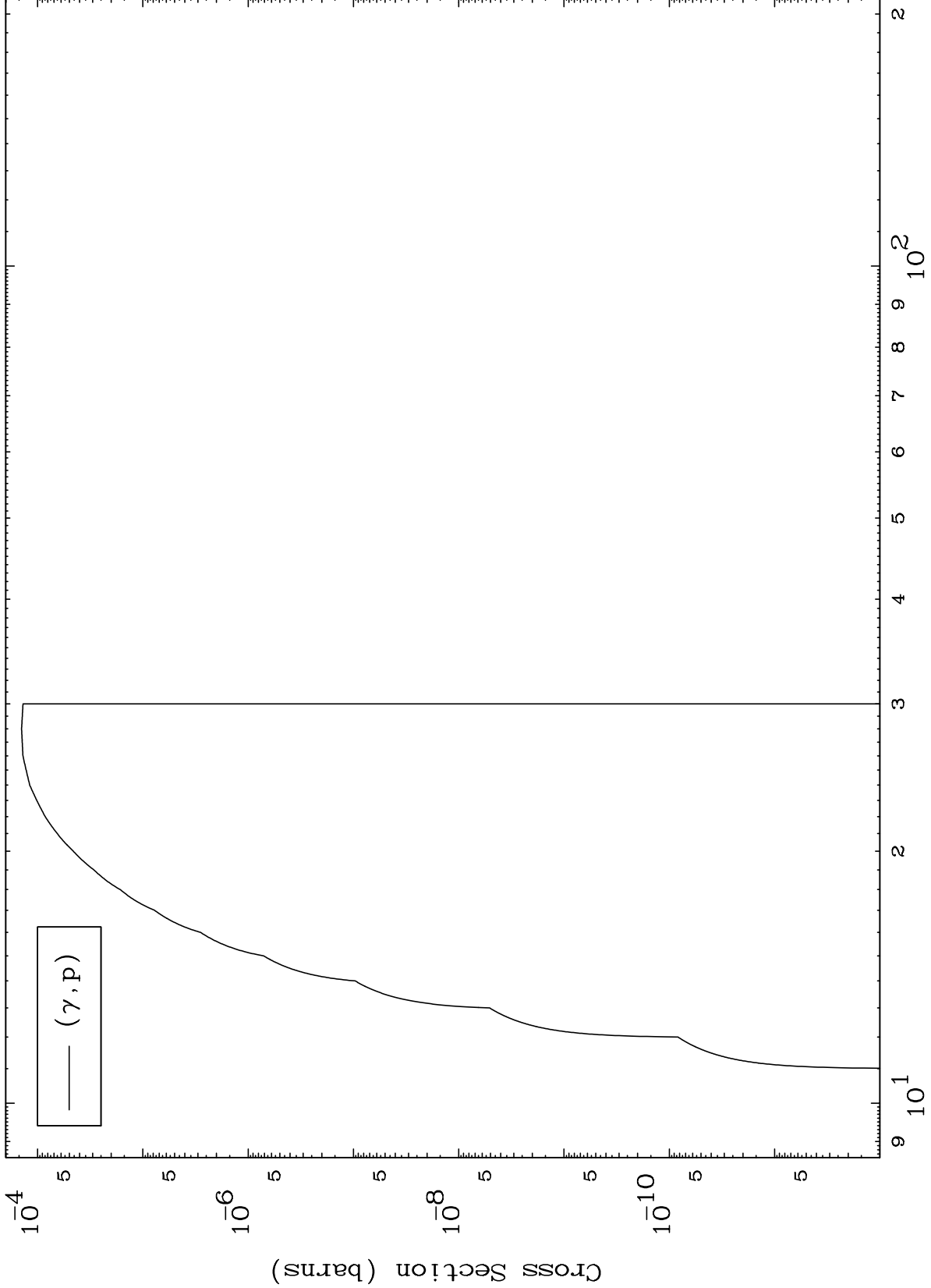
0 Kelvin Cross Sections



MAT 7847

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

78-Pt-197



Incident Energy (MeV)

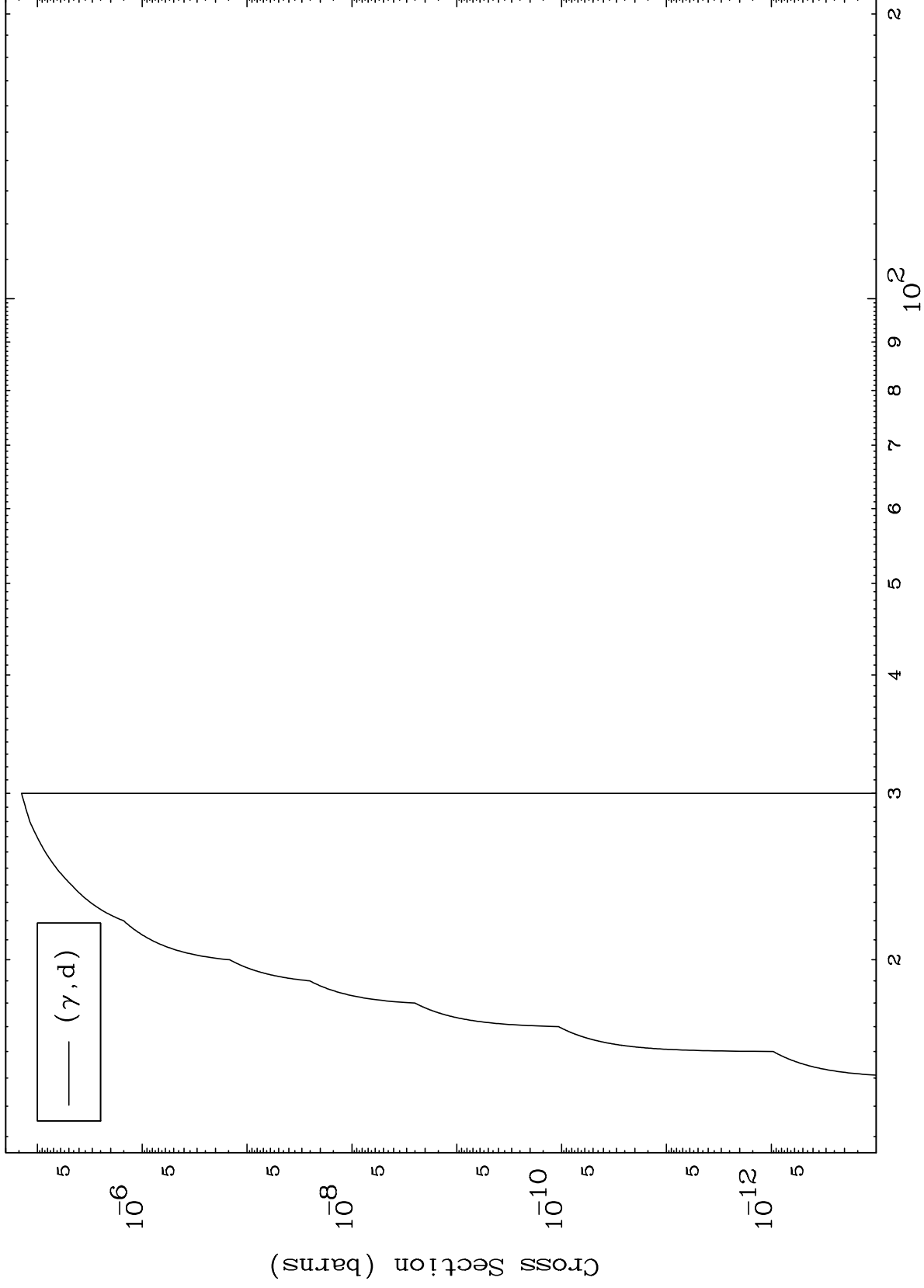
78-Pt-197

5

MAT 7847

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

78-Pt-197



6

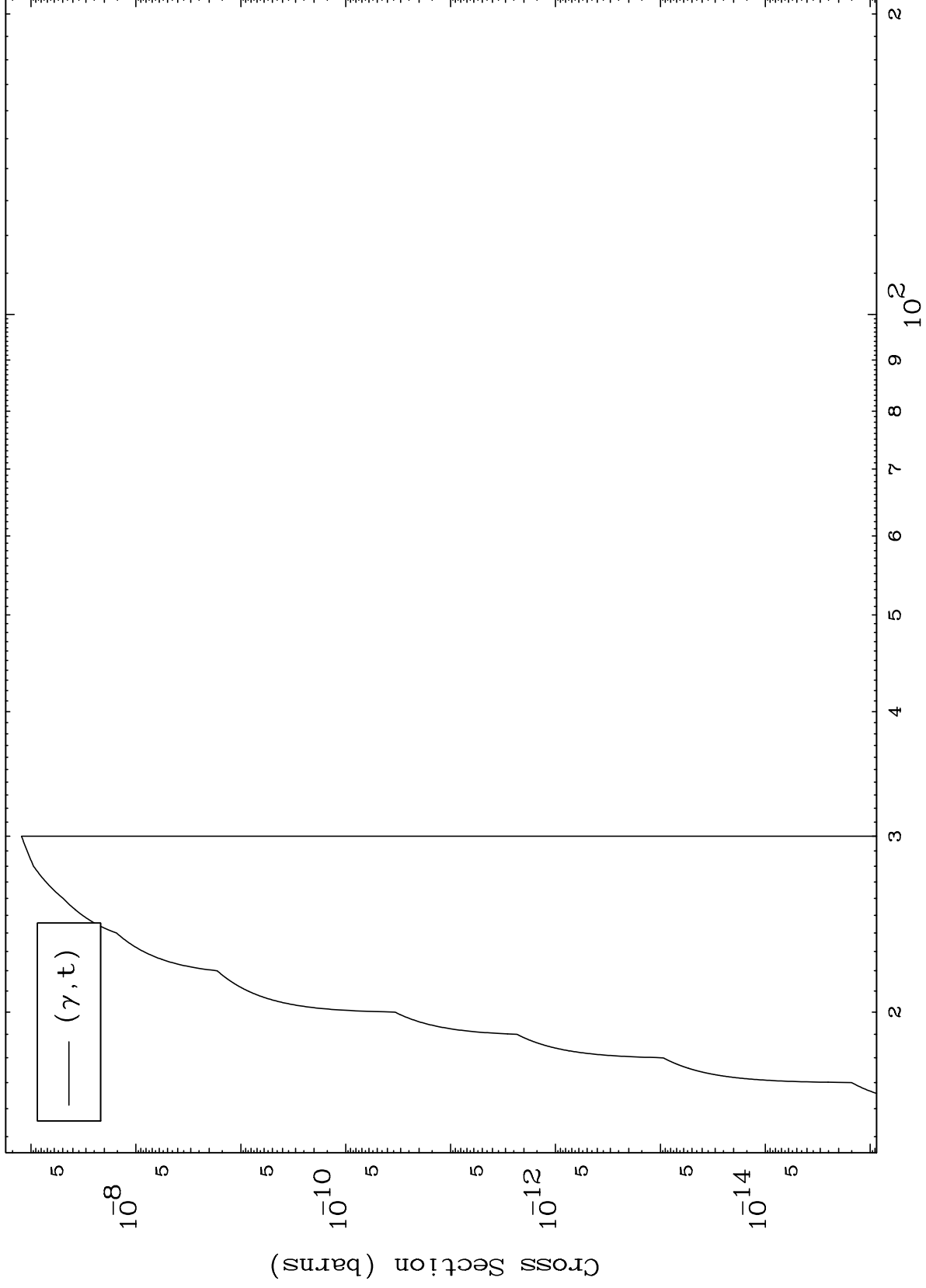
Incident Energy (MeV)

78-Pt-197

MAT 7847

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

78-Pt-197



7

Incident Energy (MeV)

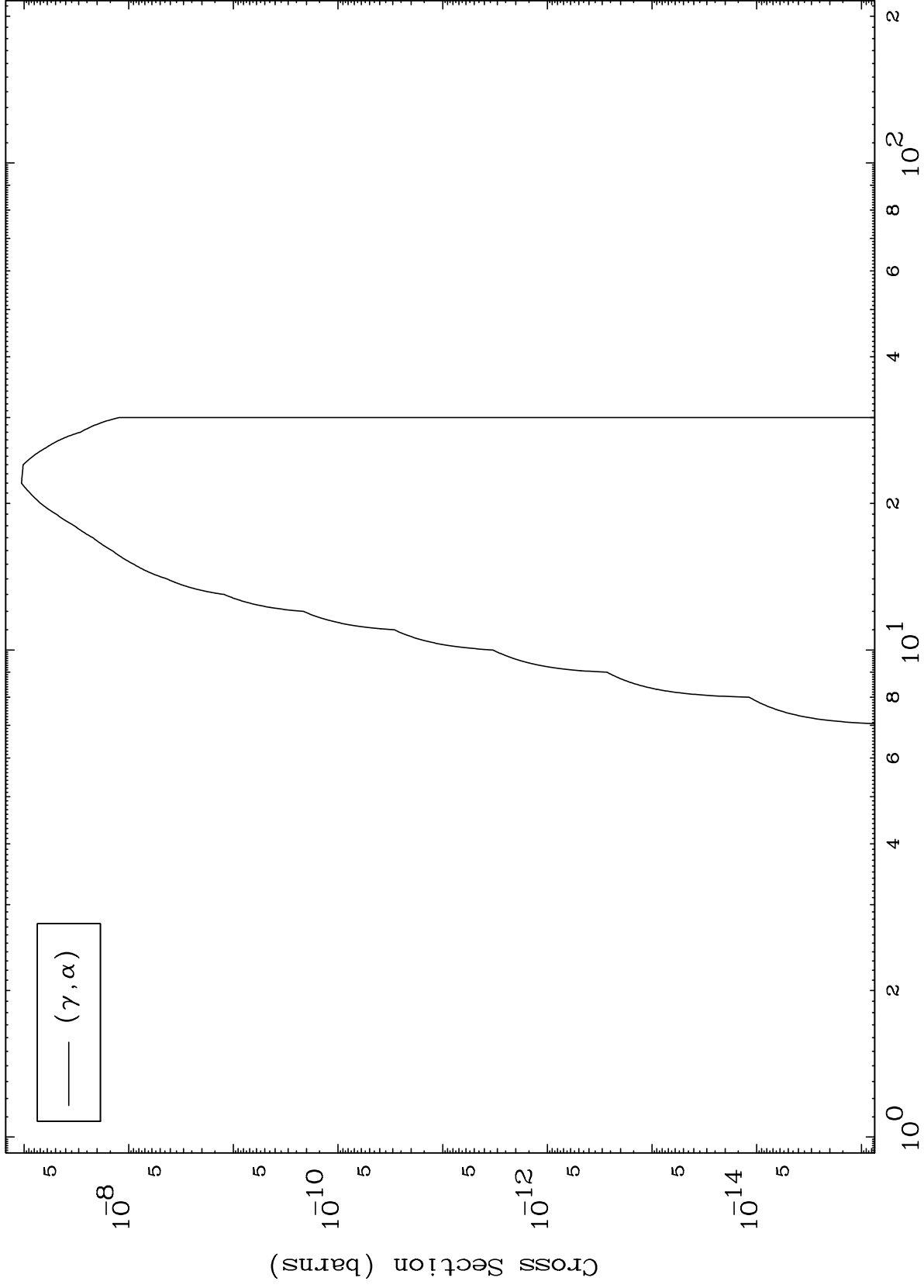
78-Pt-197



MAT 7847

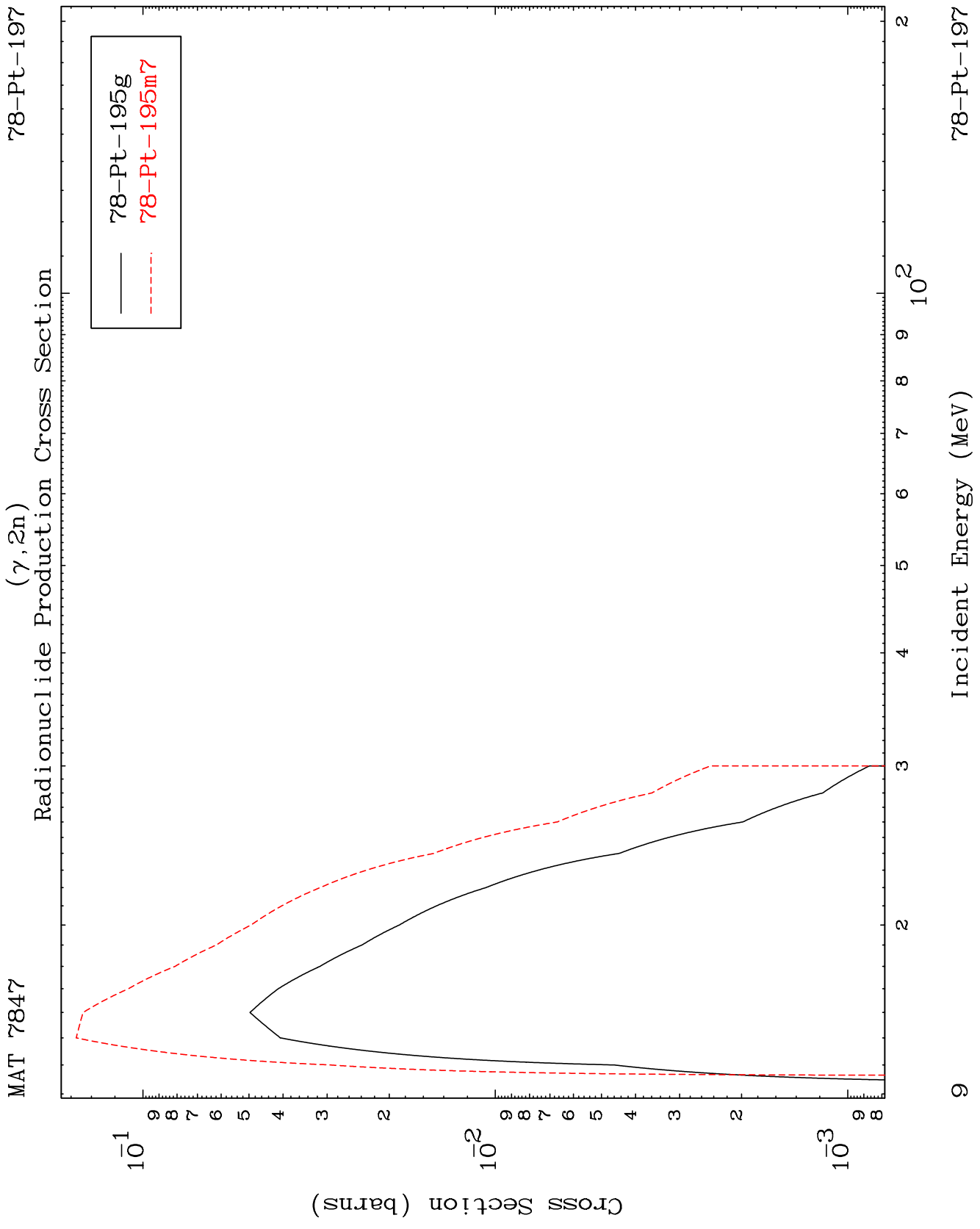
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

78-Pt-197



Incident Energy (MeV)

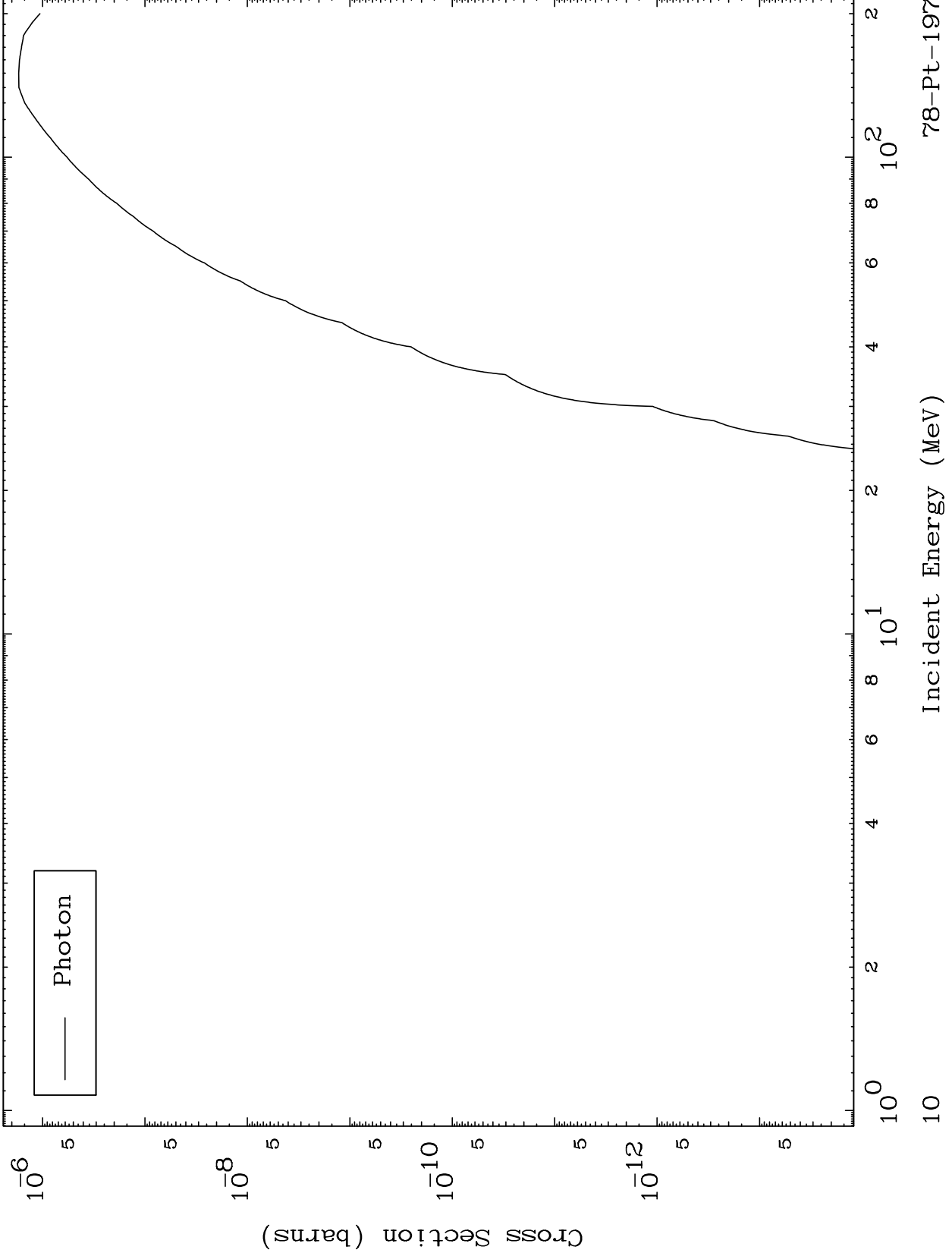
78-Pt-197



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Photon Fission  
Radionuclide Production Cross Section

78-Pt-197



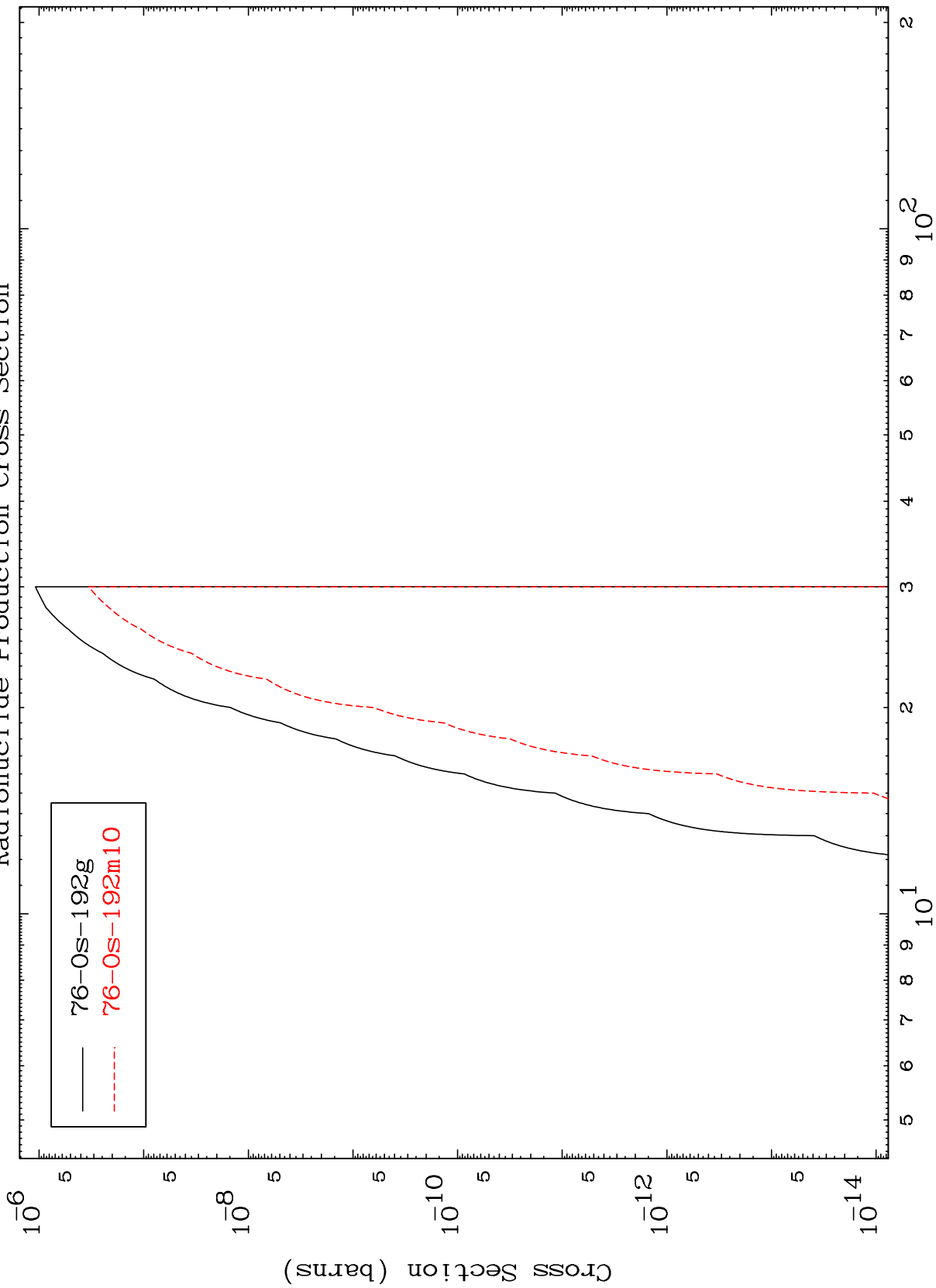
78-Pt-197

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

78-Pt-197

Radionuclide Production Cross Section



11

Incident Energy (MeV)

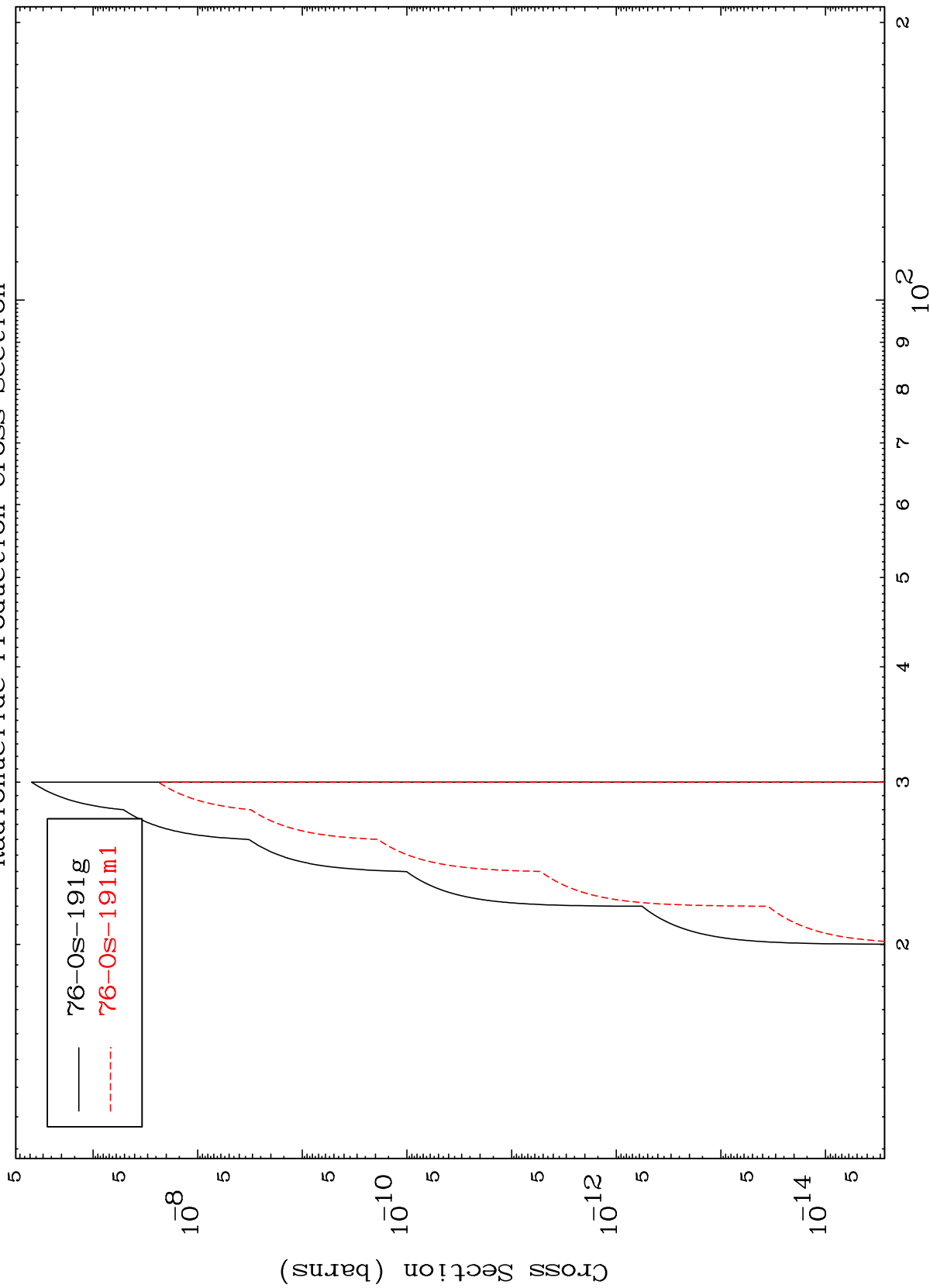
78-Pt-197

MAT 7847

( $\gamma, 2n$ )  $\alpha$

78-Pt-197

Radionuclide Production Cross Section



12

Incident Energy (MeV)

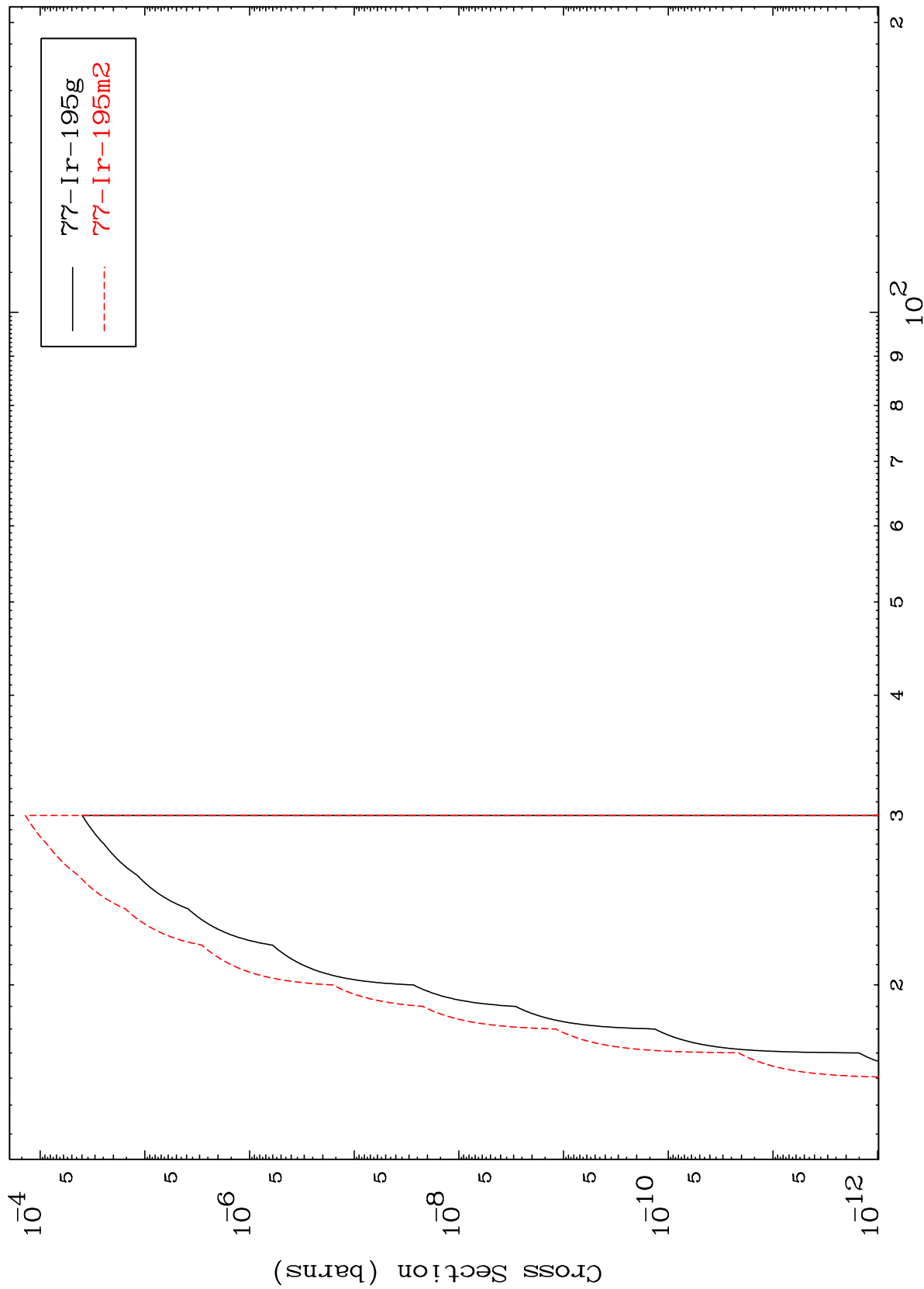
78-Pt-197

MAT 7847

$(\gamma, n')$  p

78-Pt-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

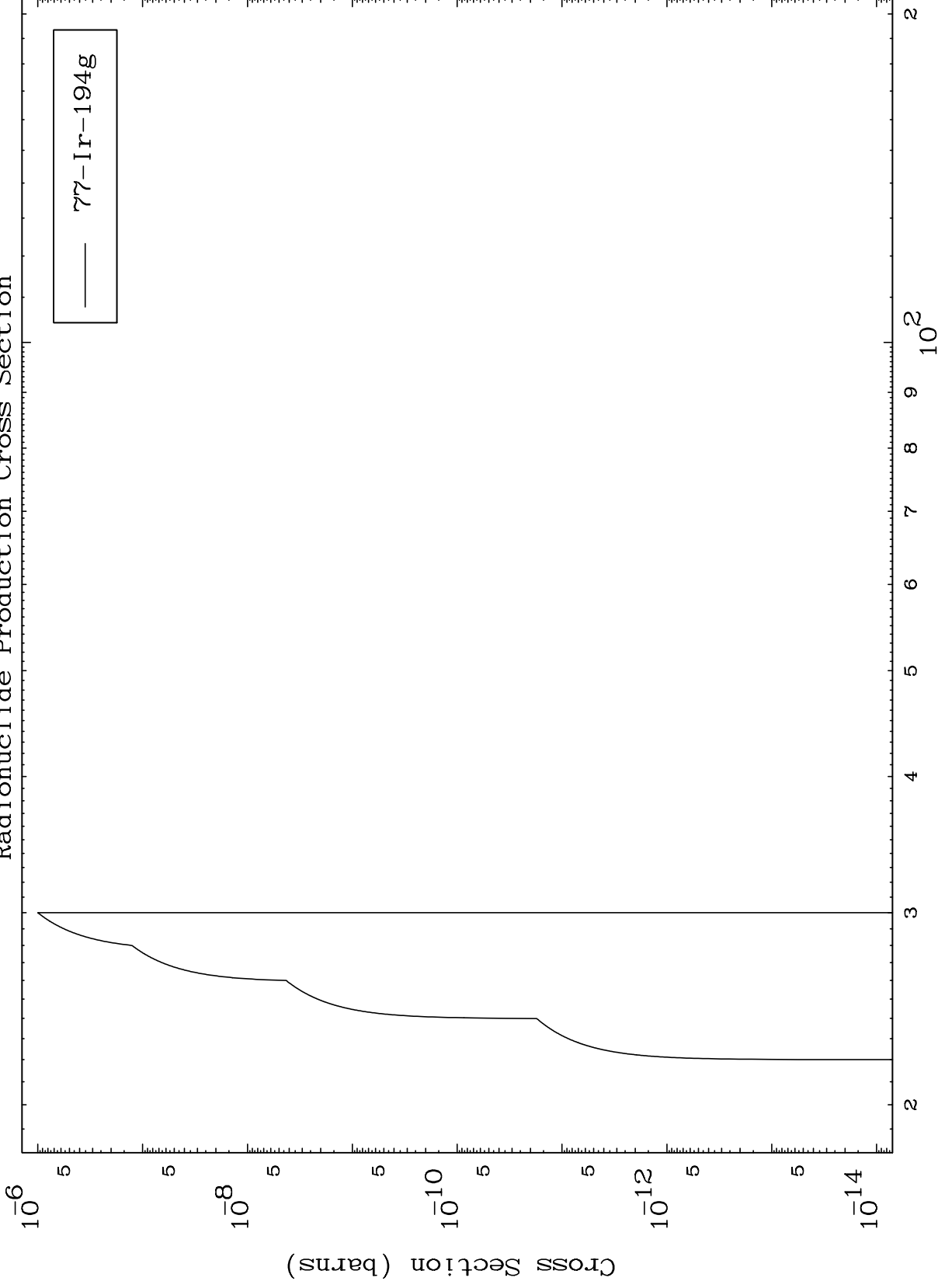
78-Pt-197

MAT 7847

( $\gamma, n'$ ) d

78-Pt-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

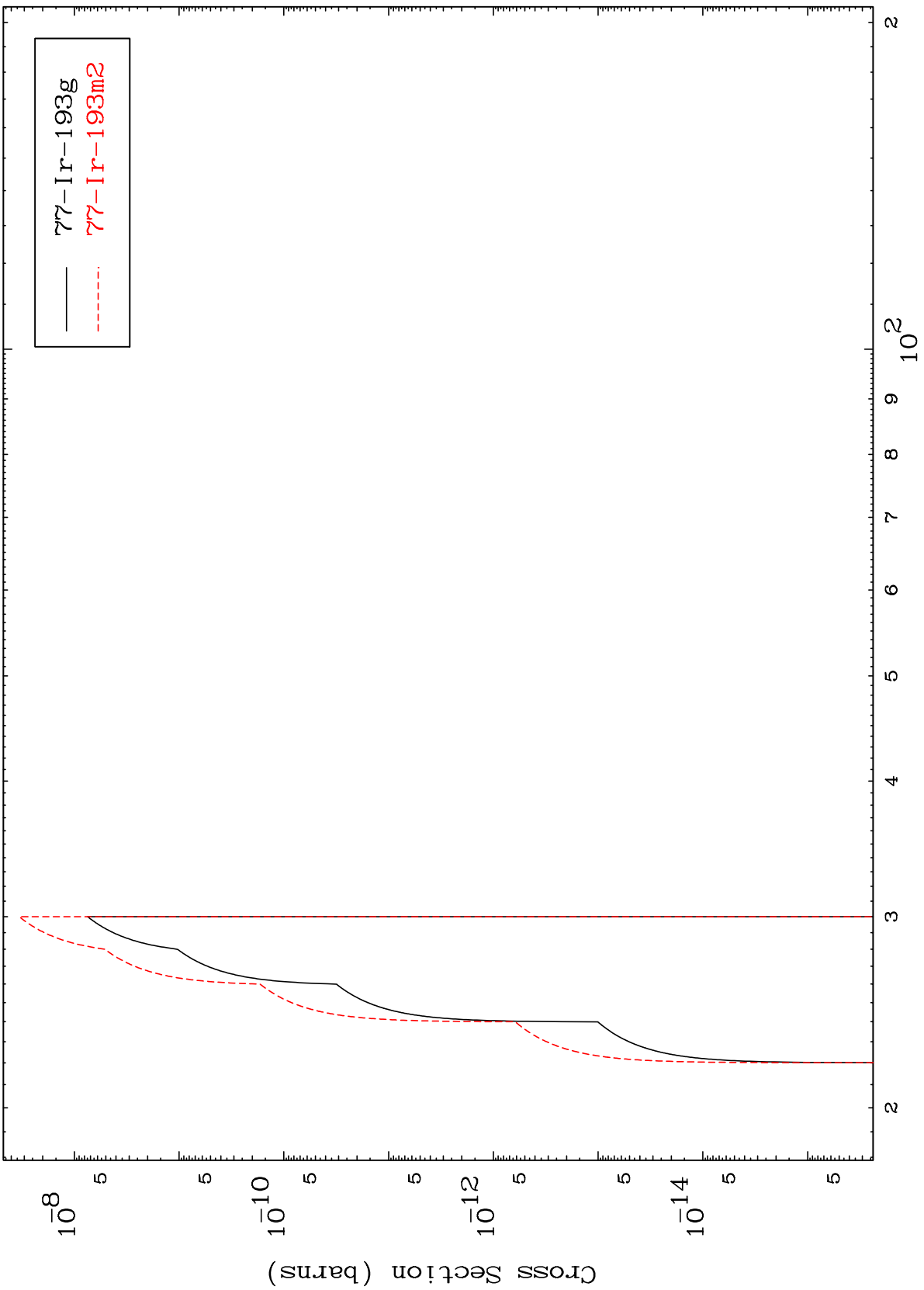
78-Pt-197

MAT 7847

( $\gamma, n'$ ) t

78-Pt-197

Radionuclide Production Cross Section



—  $^{77}\text{Ir-193g}$   
- - -  $^{77}\text{Ir-193m2}$

15

Incident Energy (MeV)

78-Pt-197

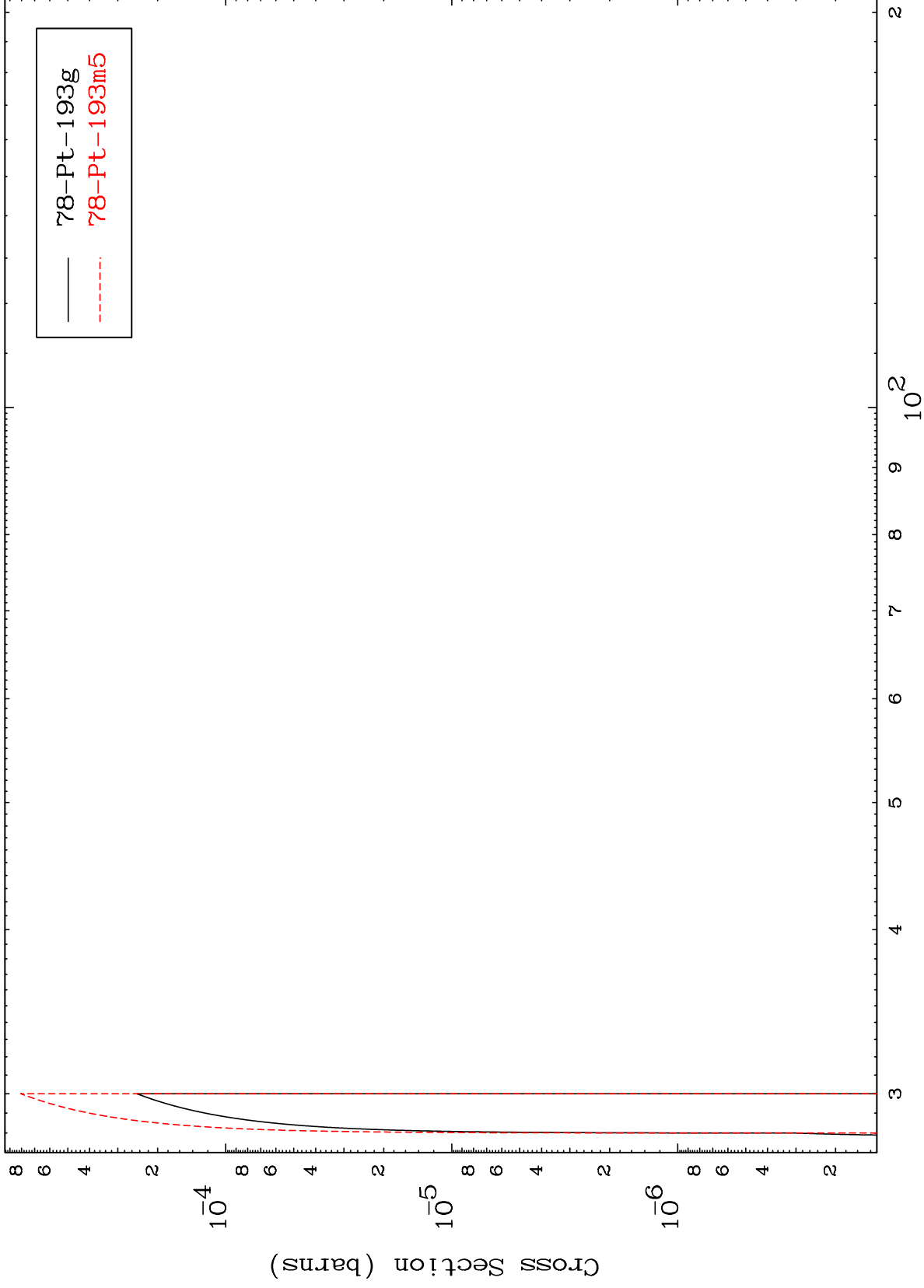


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78-Pt-197

( $\gamma, 4n$ )

Radionuclide Production Cross Section



16

Incident Energy (MeV)

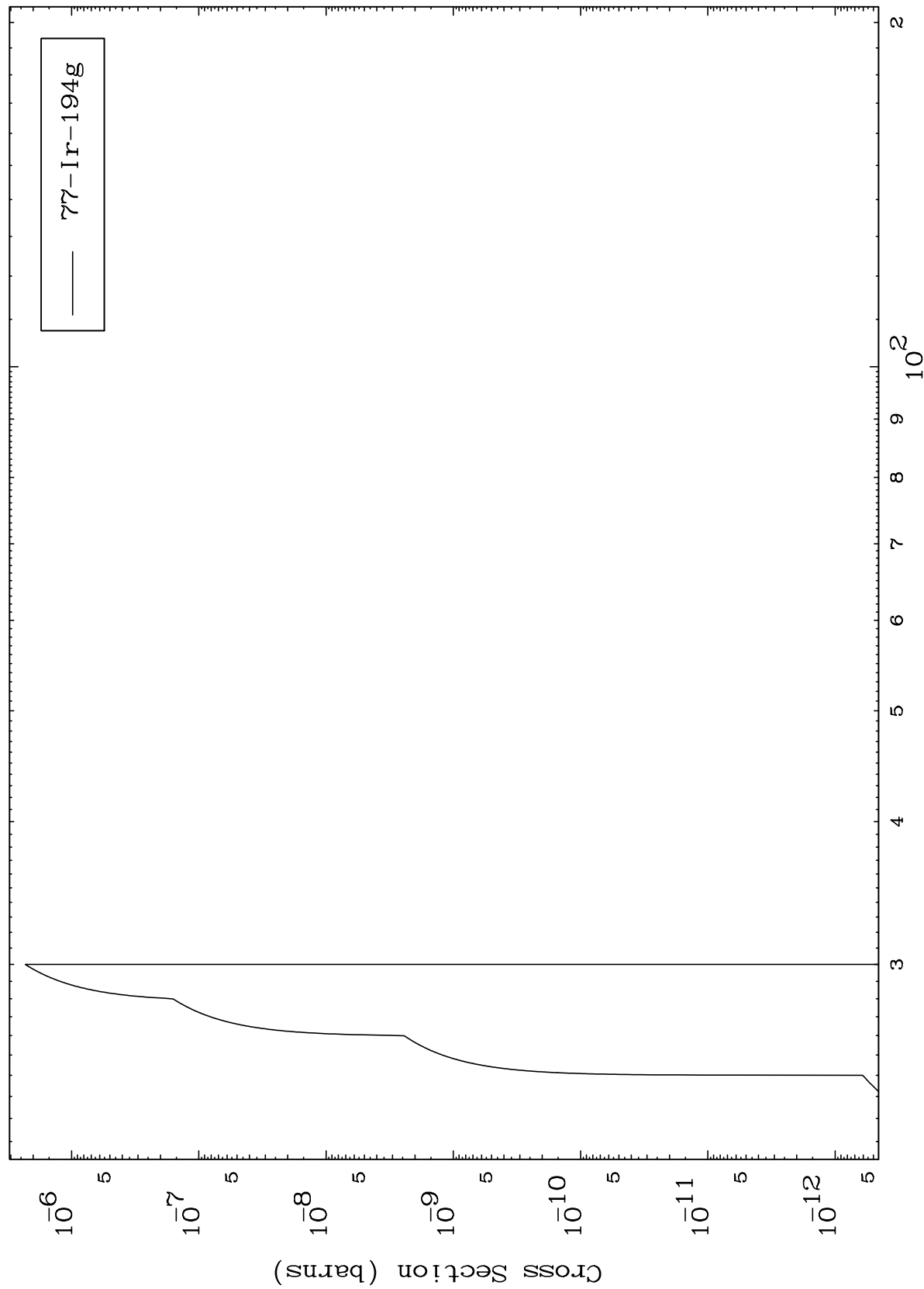
78-Pt-197

MAT 7847

( $\gamma, 2n$ ) p

78-Pt-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

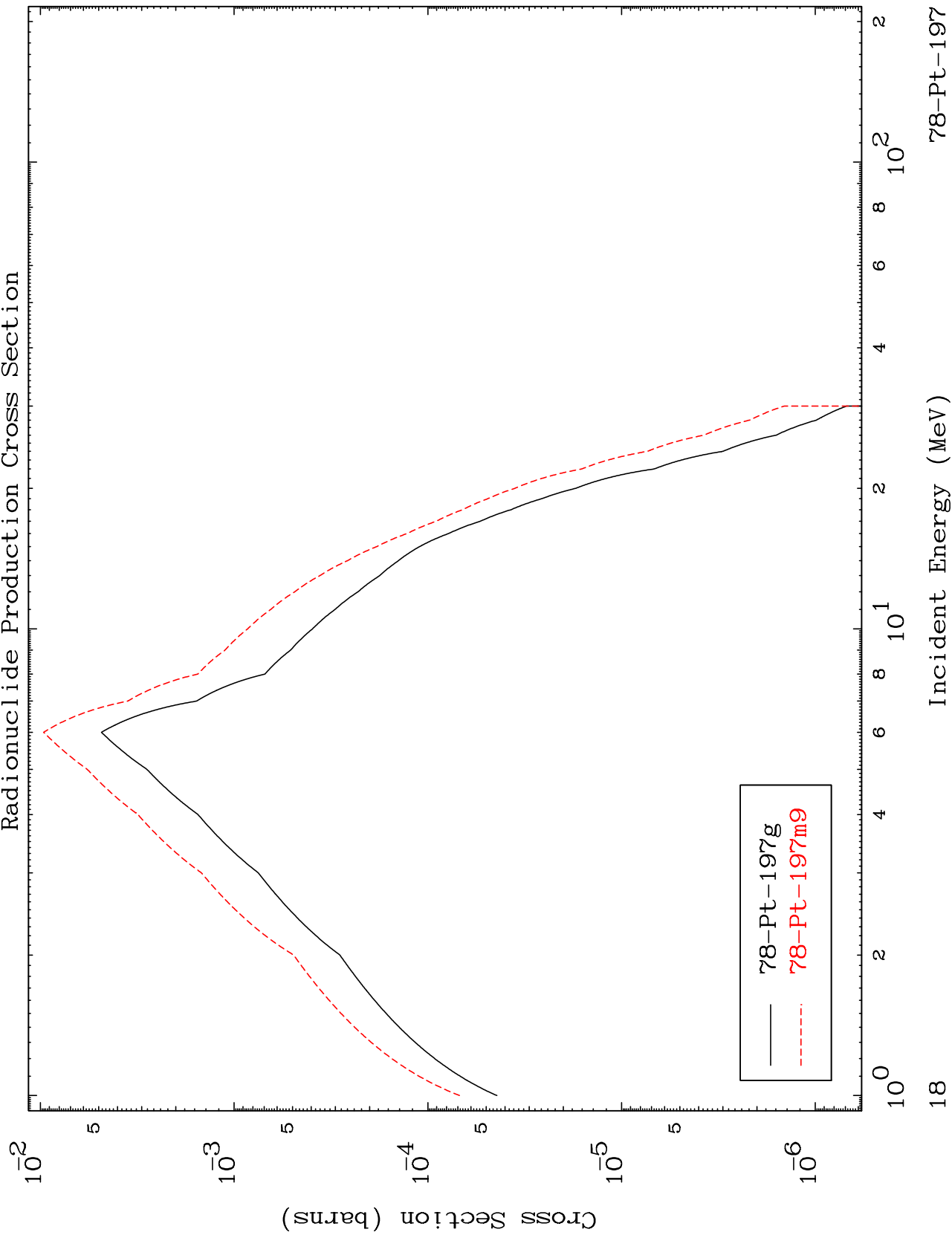
78-Pt-197

MAT 7847

78-Pt-197

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



78-Pt-197g  
78-Pt-197m9

78-Pt-197

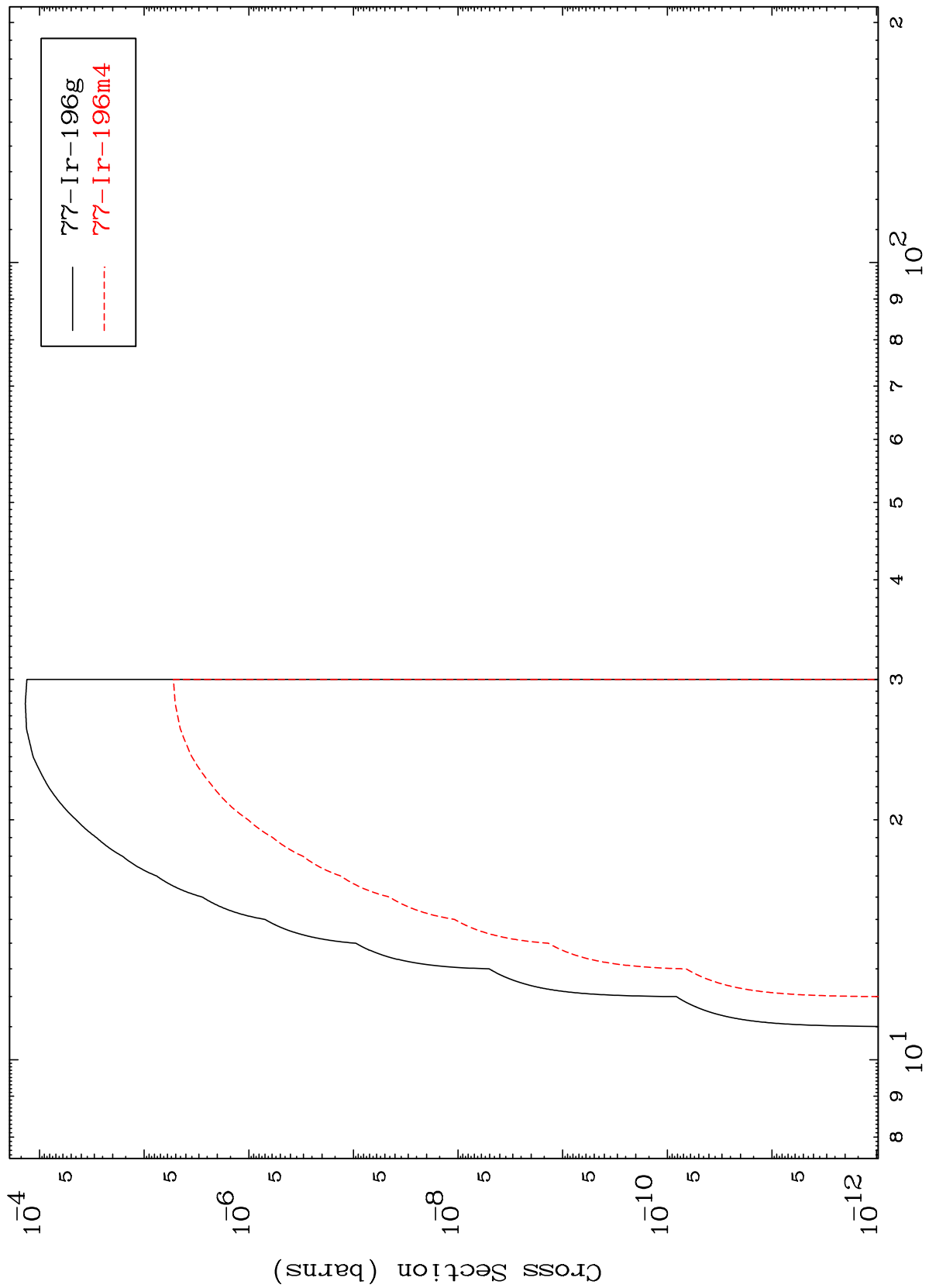
Incident Energy (MeV)

18

MAT 7847

78-Pt-197

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



19

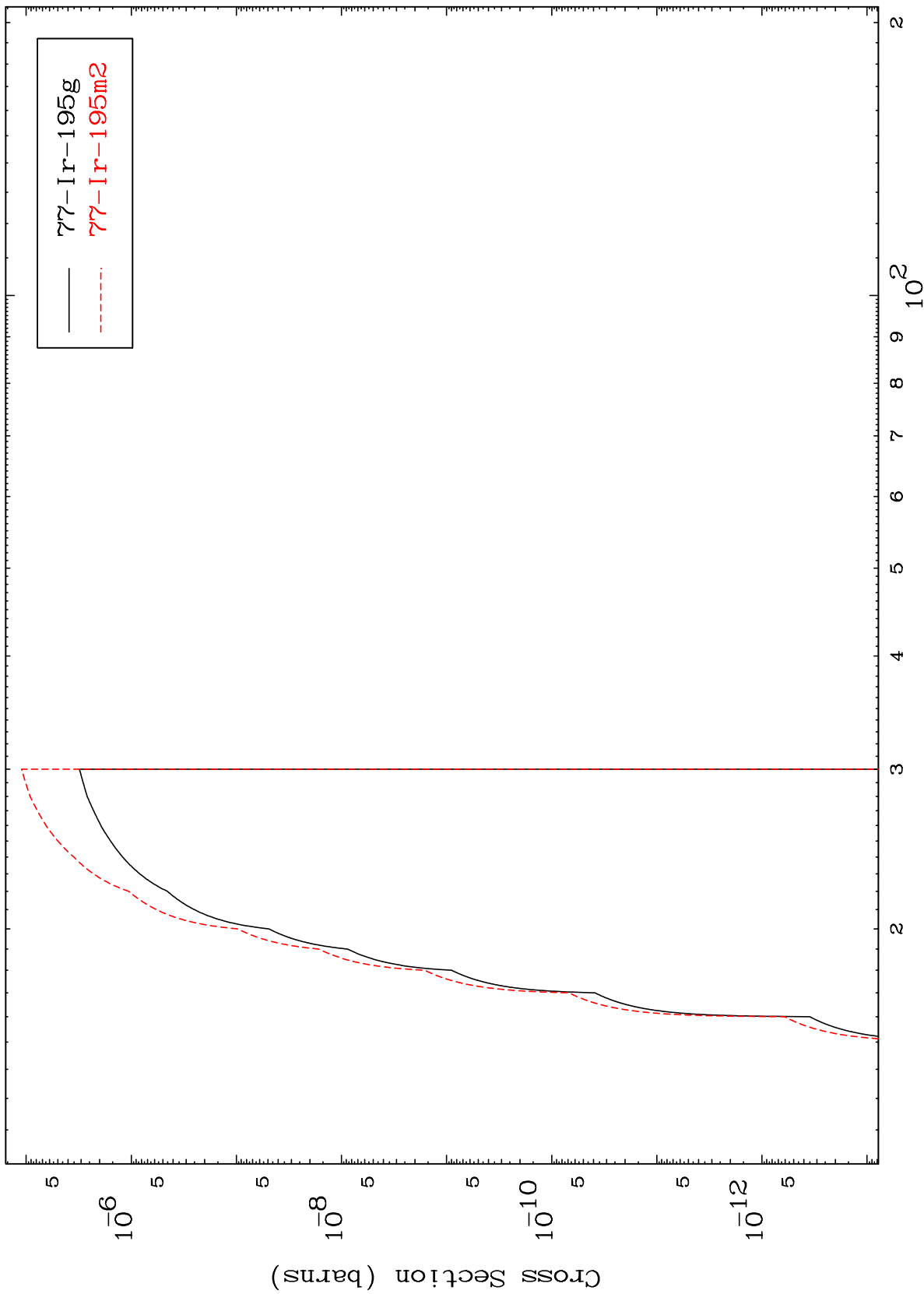
Incident Energy (MeV)

78-Pt-197

MAT 7847

78-Pt-197

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



—  $^{77}\text{Ir-195g}$   
- - -  $^{77}\text{Ir-195m2}$

20

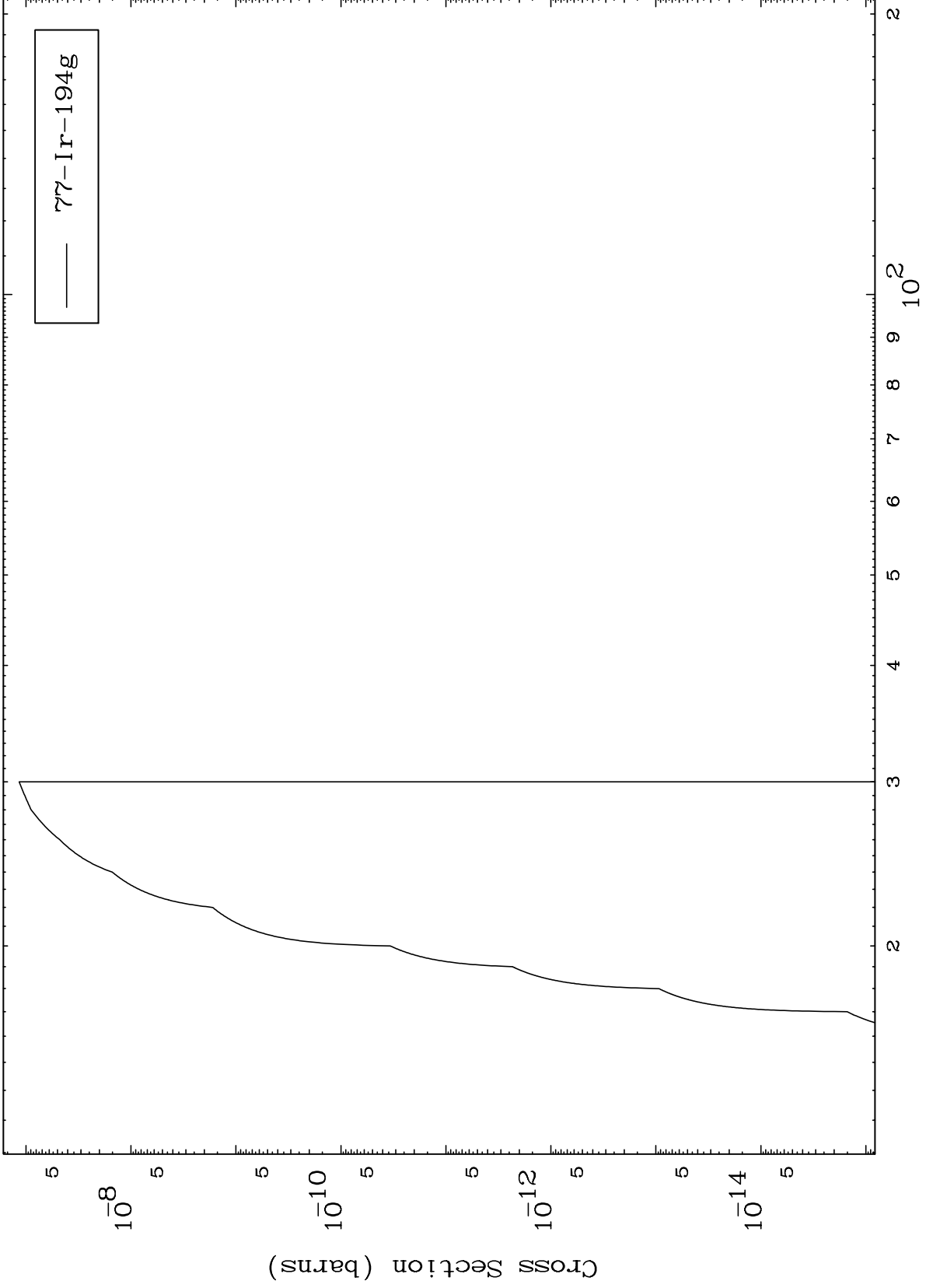
Incident Energy (MeV)

78-Pt-197

MAT 7847

78-Pt-197

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



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Incident Energy (MeV)

78-Pt-197