

Program EVALPLOT  
(Version 2017-1)

by

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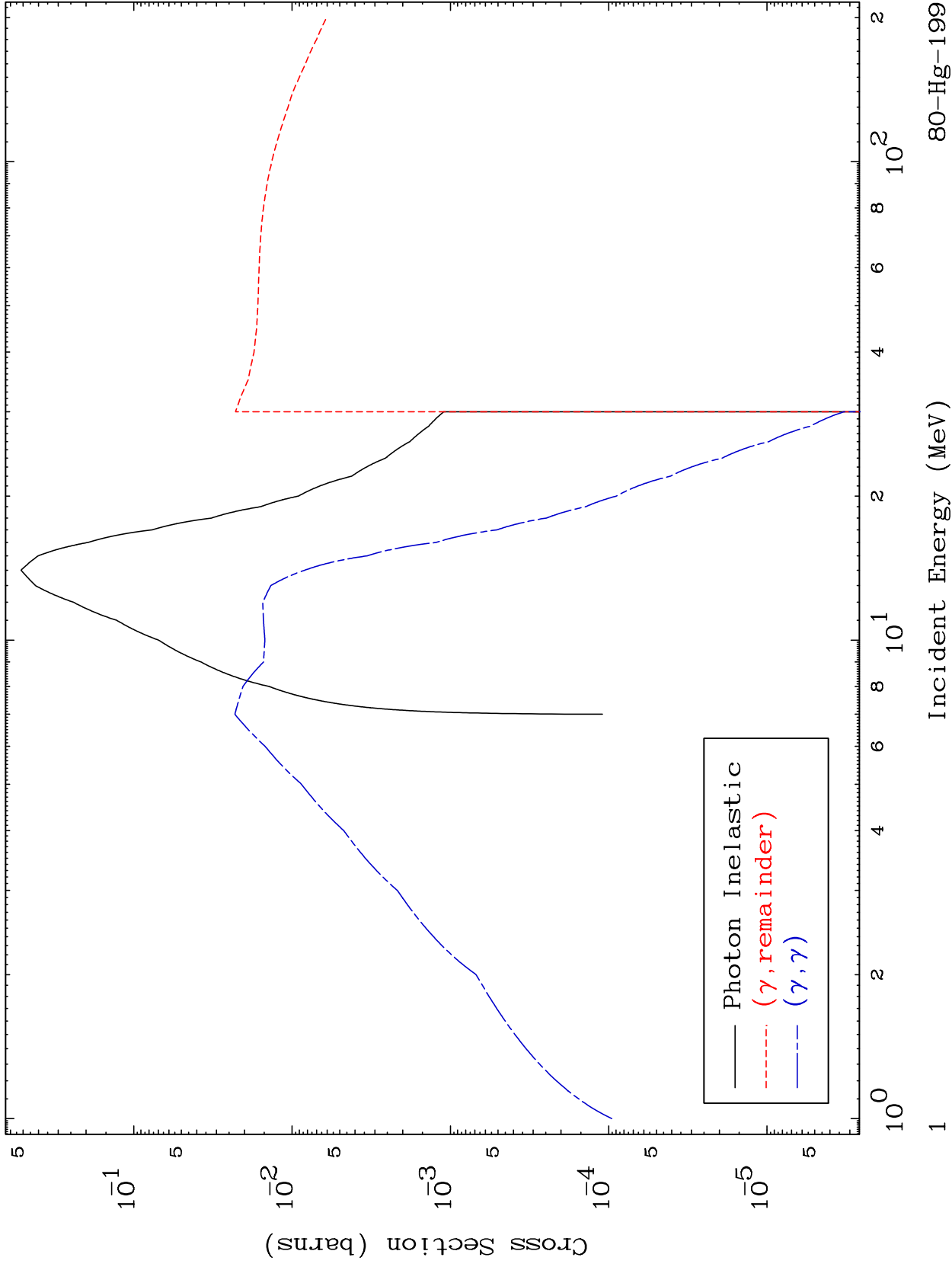
Web:redcullen1.net/HOMEPAGE.NEW

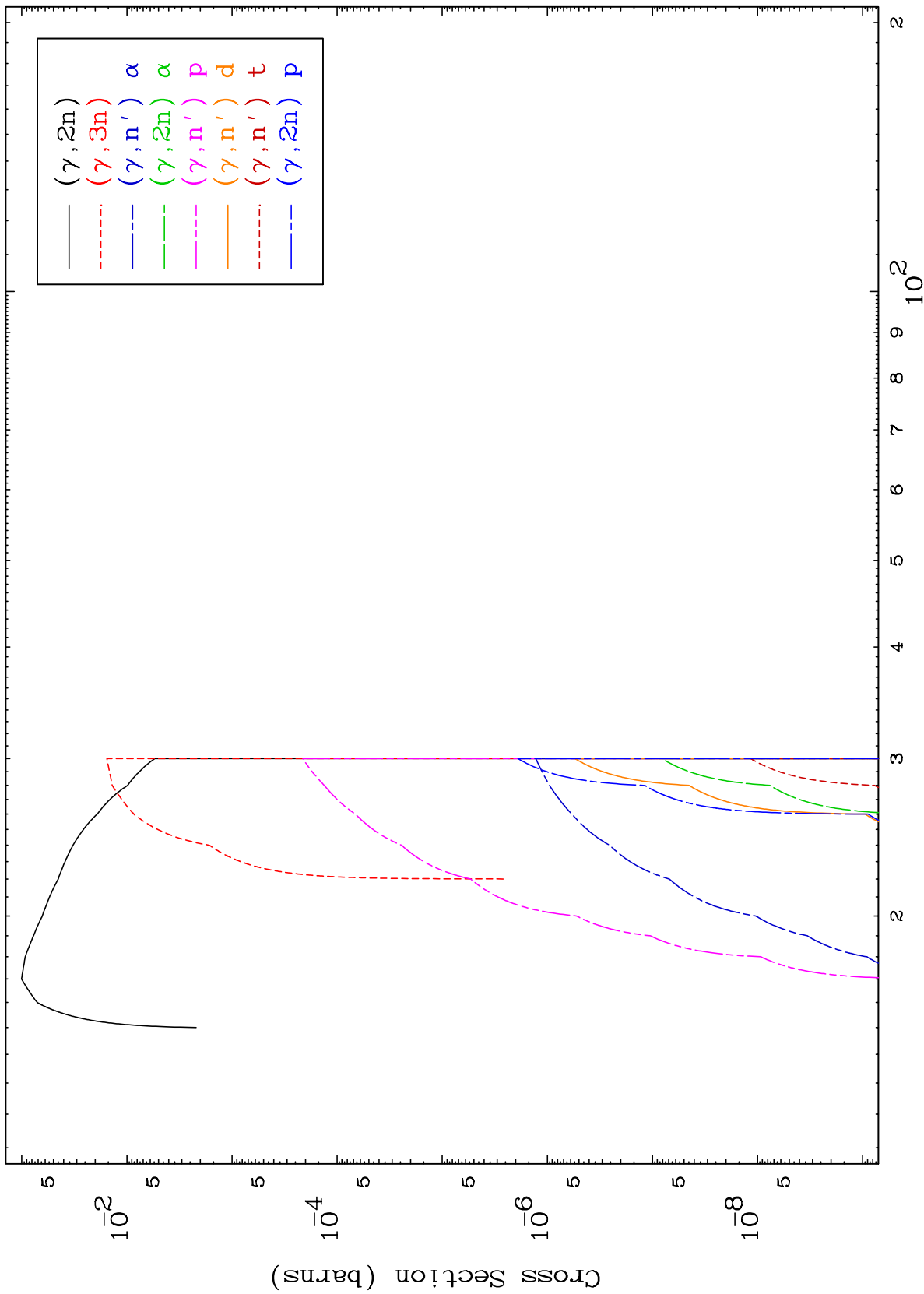
Press Mouse Button to Start

MAT 8035

Photon Major  
0 Kelvin Cross Sections

80-Hg-199

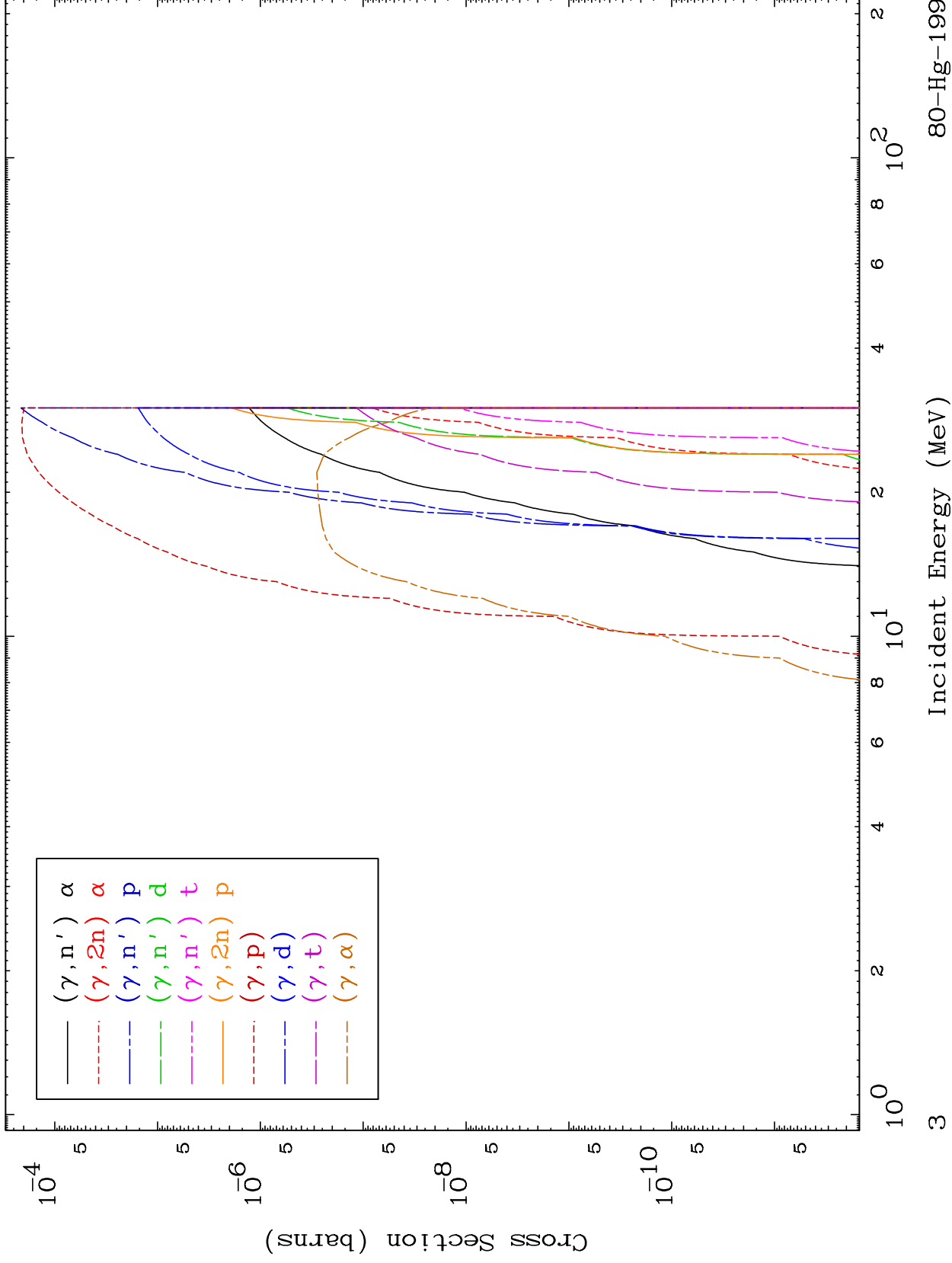




MAT 8035

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-199



80-Hg-199

Incident Energy (MeV)

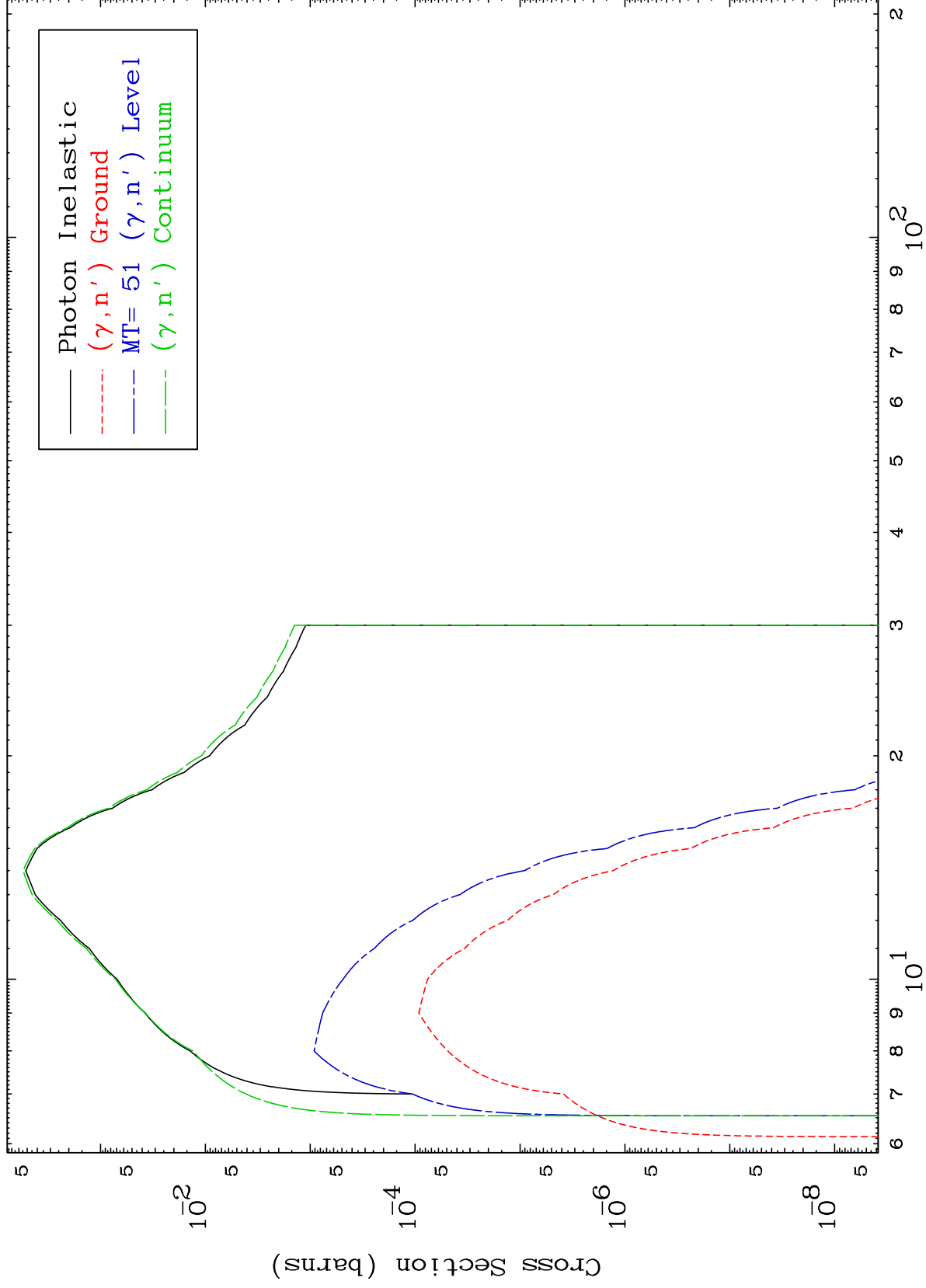
3

MAT 8035

$(\gamma, n')$  Level

80-Hg-199

0 Kelvin Cross Sections



4

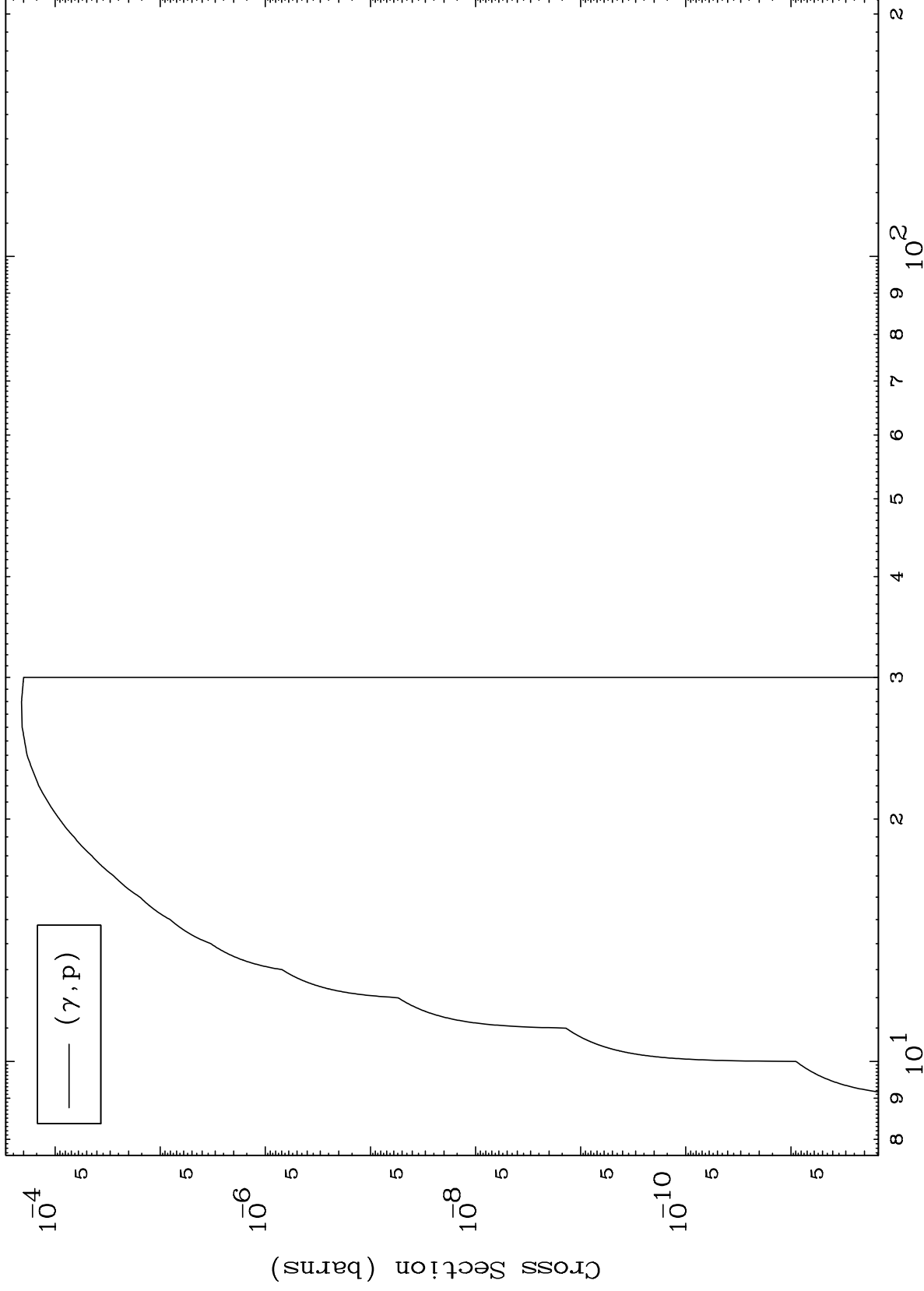
Incident Energy (MeV)

80-Hg-199

MAT 8035

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

80-Hg-199



5

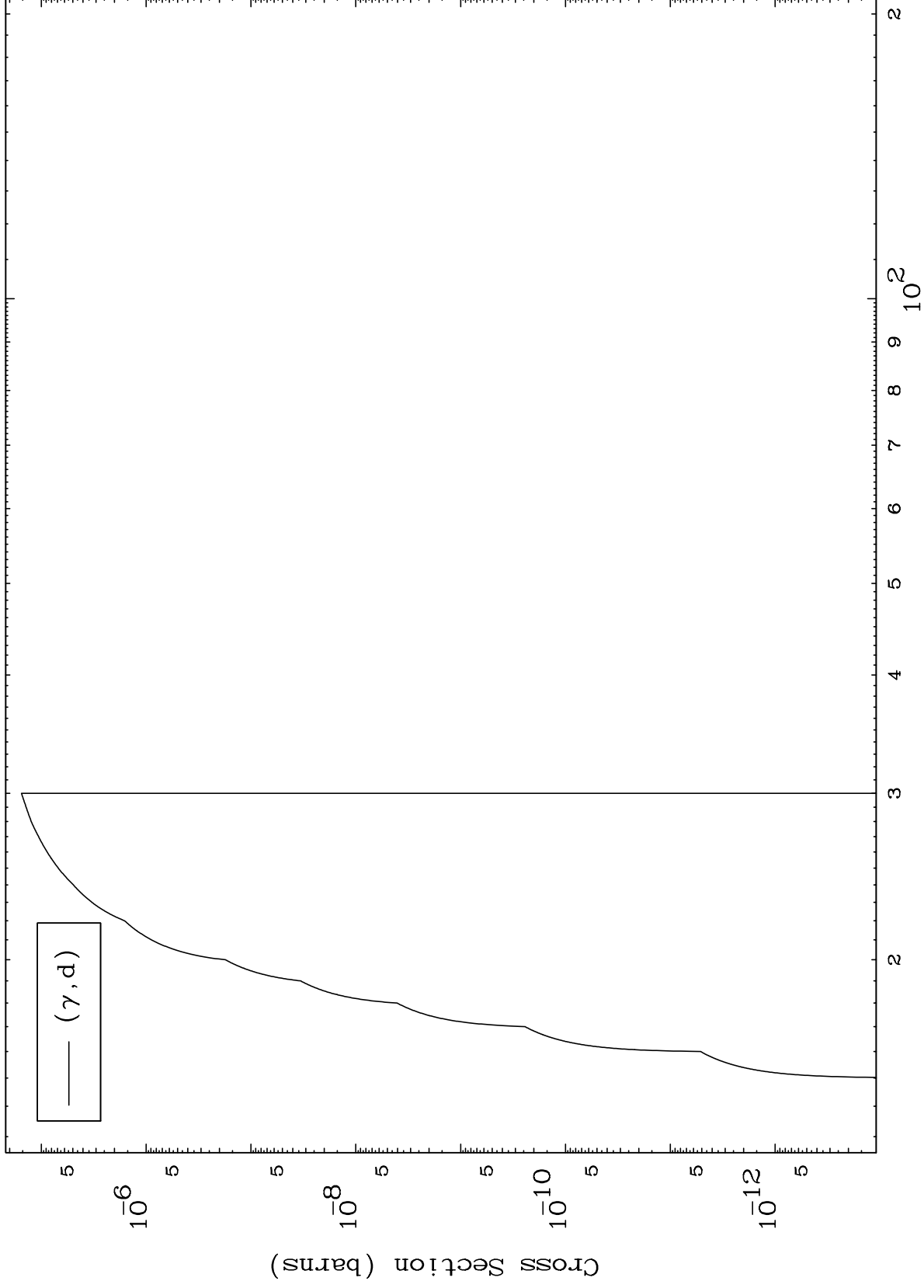
Incident Energy (MeV)

80-Hg-199

MAT 8035

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

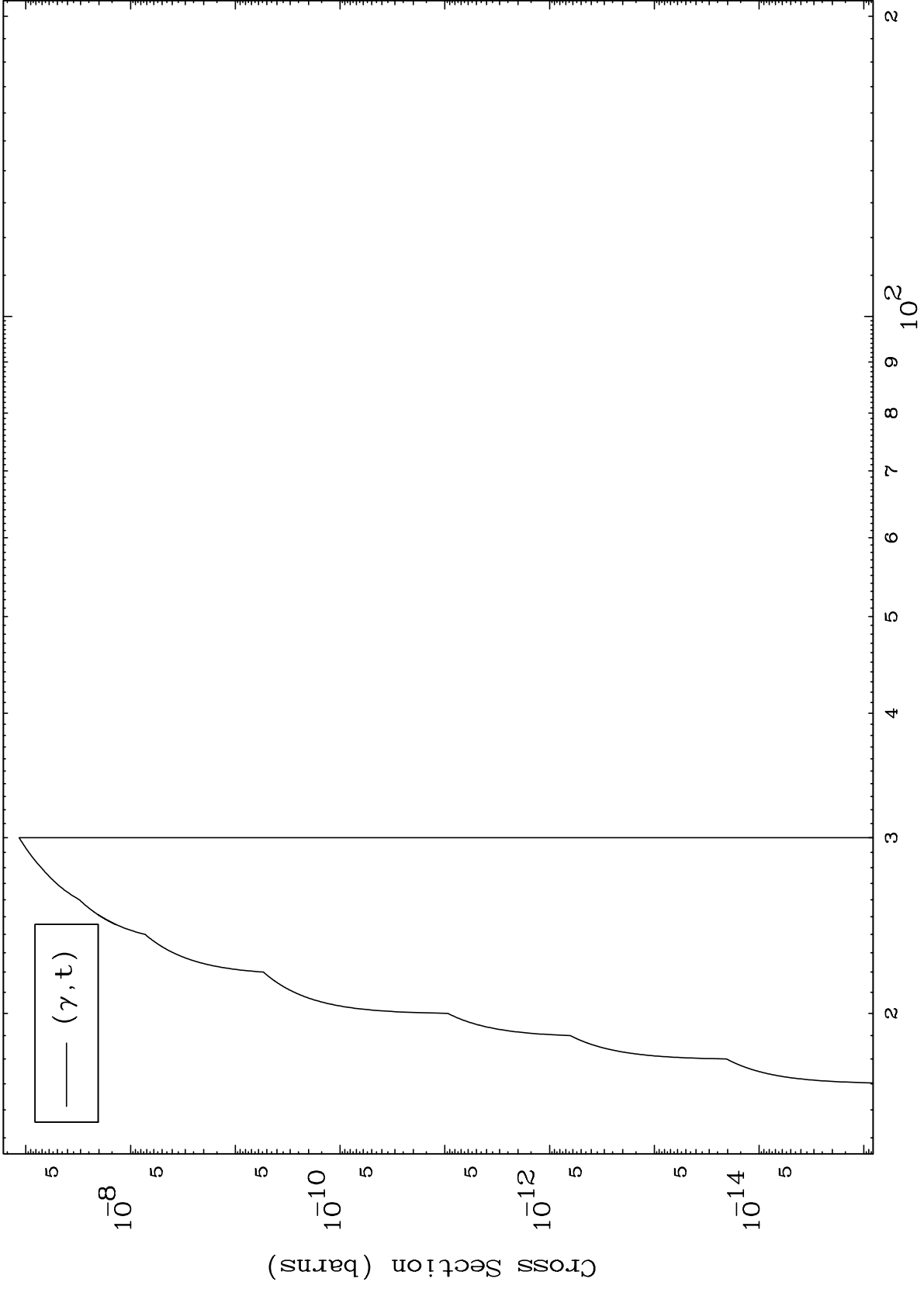
80-Hg-199



6

Incident Energy (MeV)

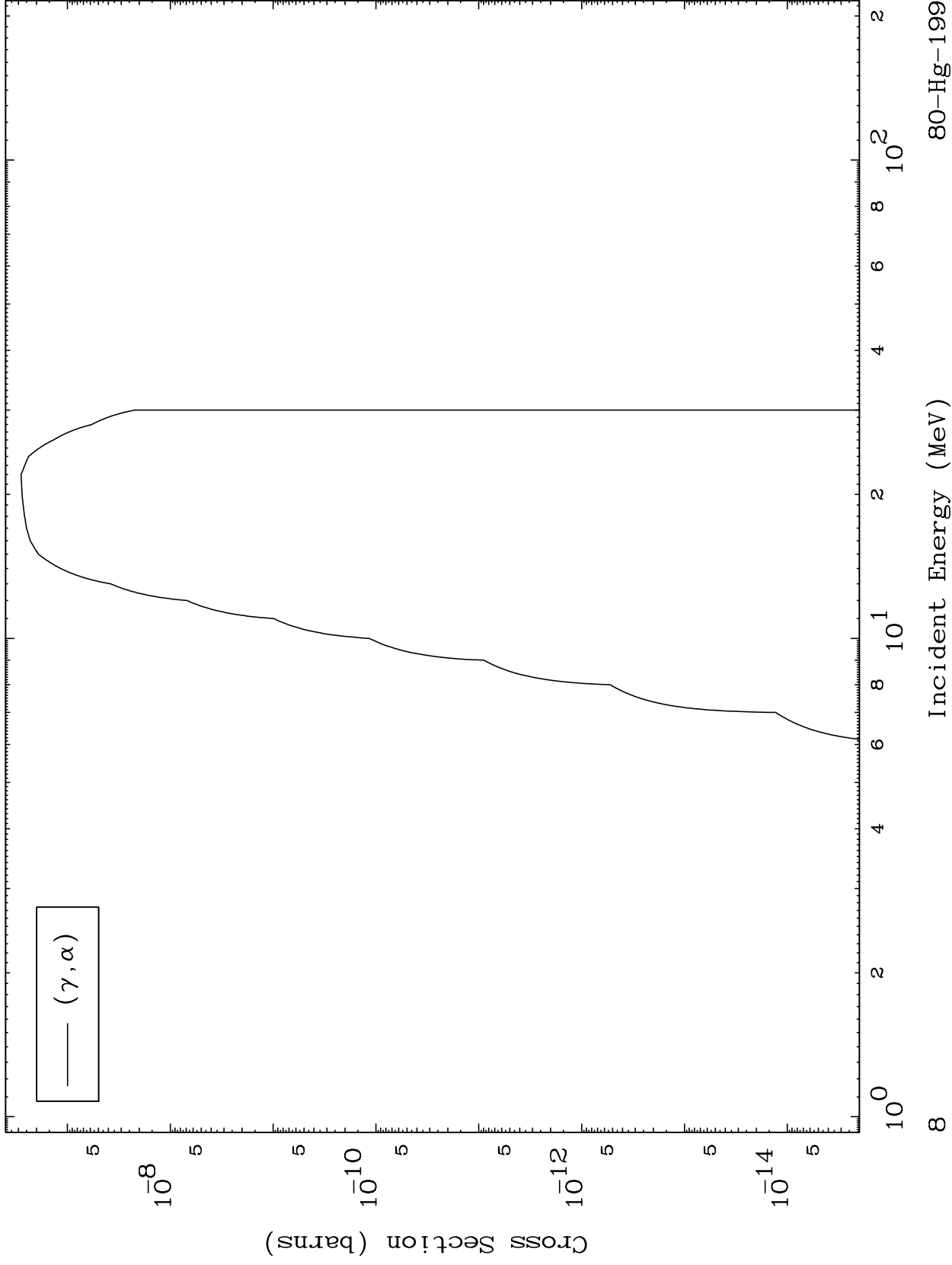
80-Hg-199



MAT 8035

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

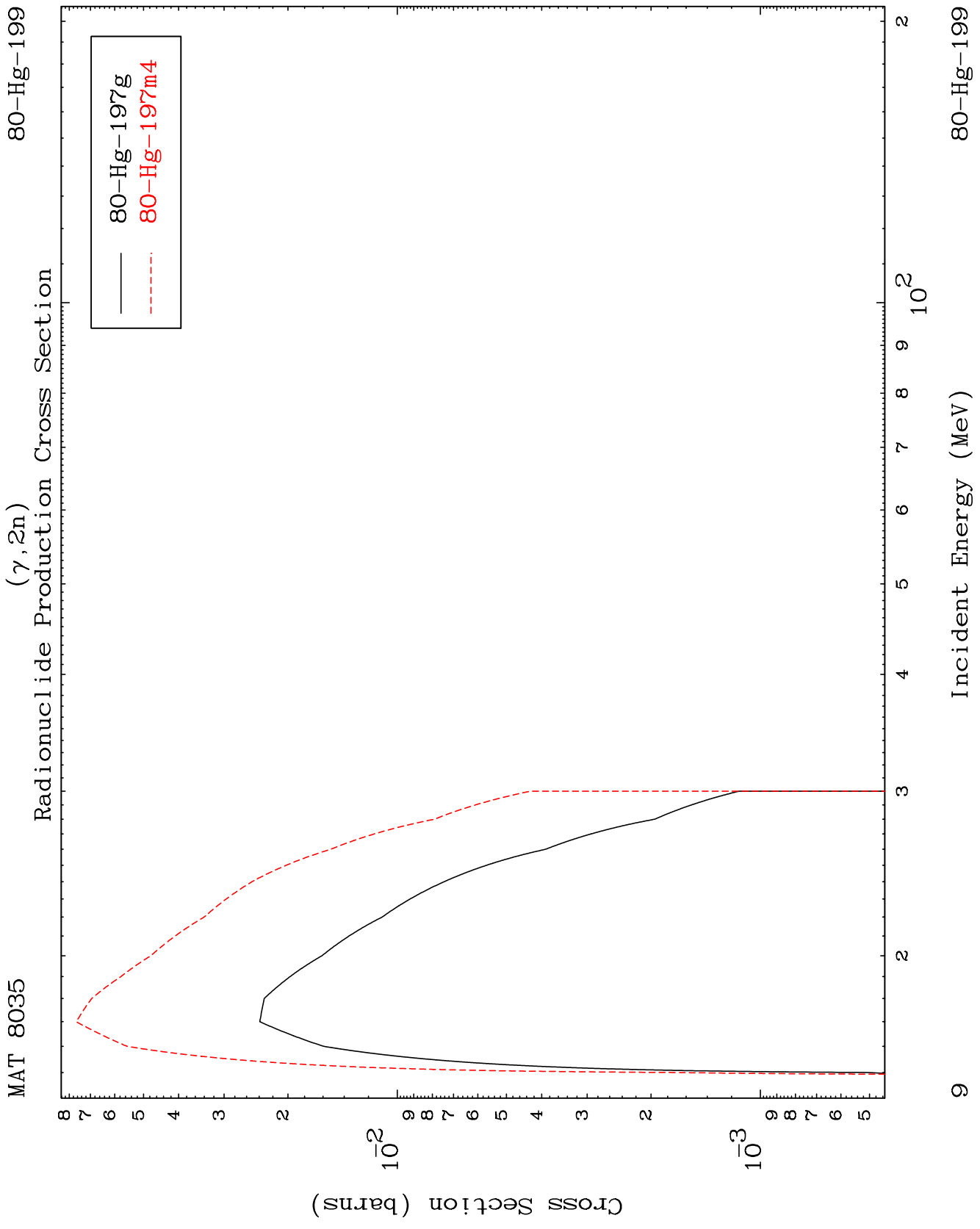
80-Hg-199



80-Hg-199

Incident Energy (MeV)

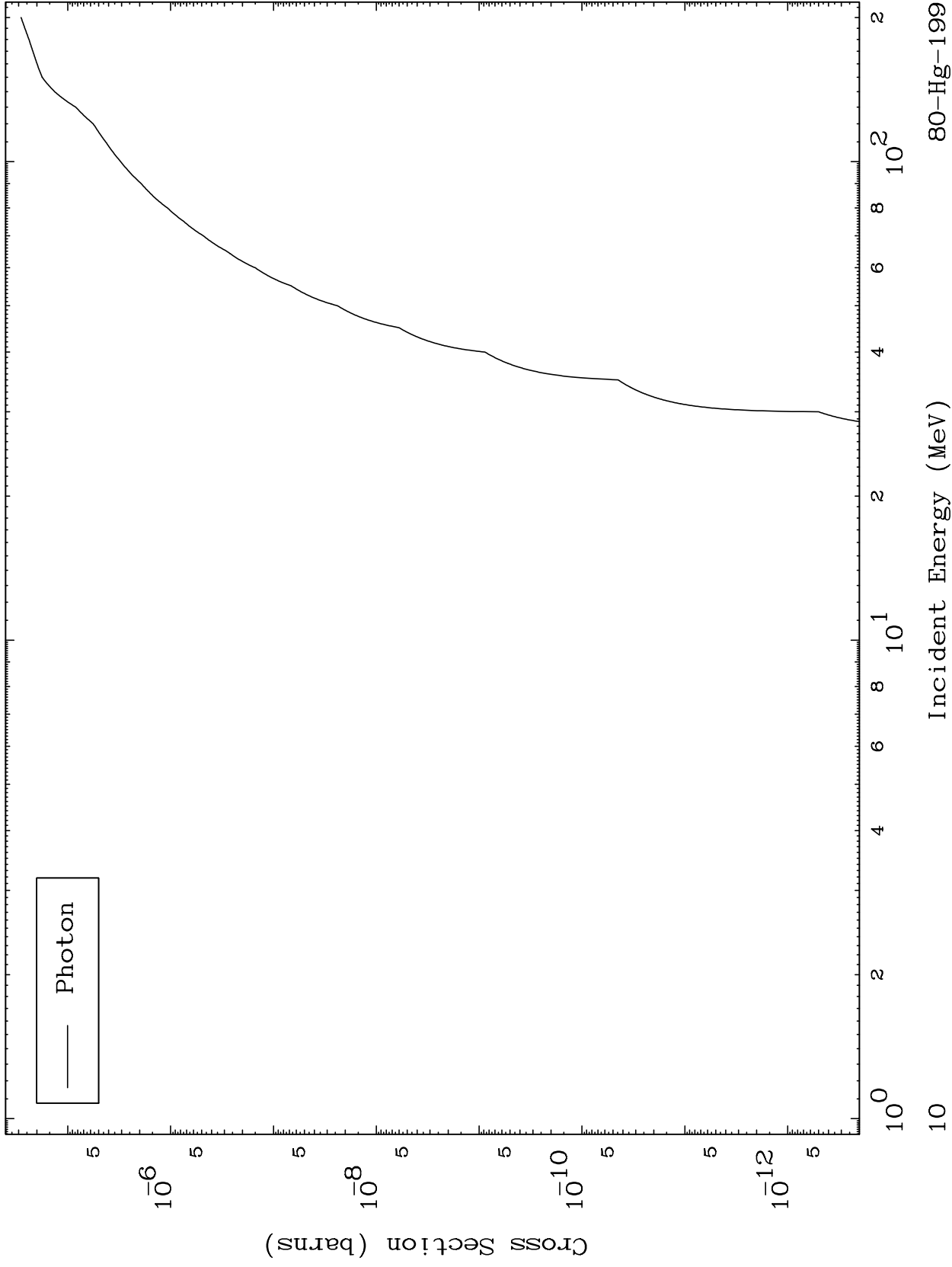
8



MAT 8035

Photon Fission  
Radionuclide Production Cross Section

80-Hg-199



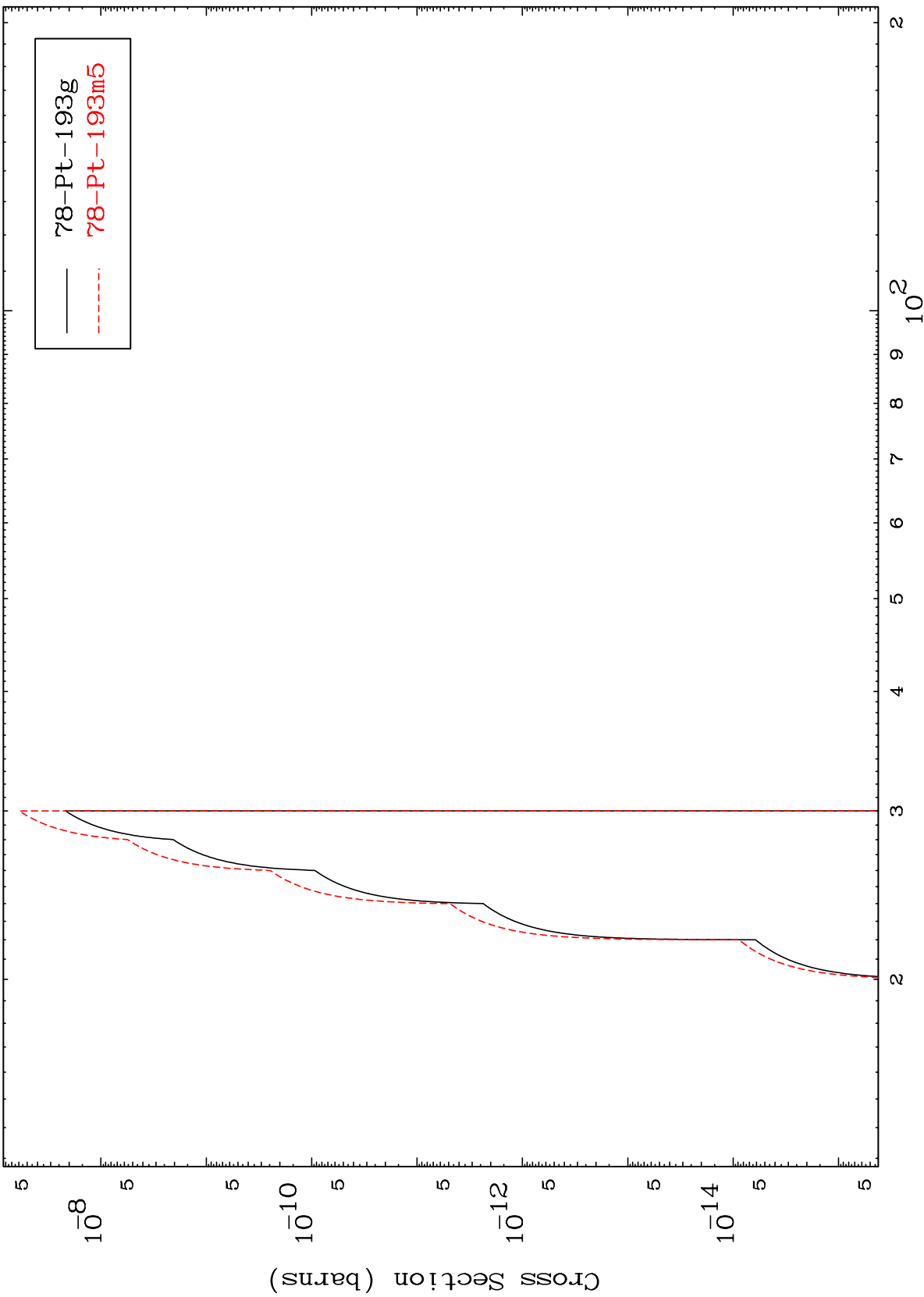
80-Hg-199

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$(\gamma, 2n) \alpha$

80-Hg-199

Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

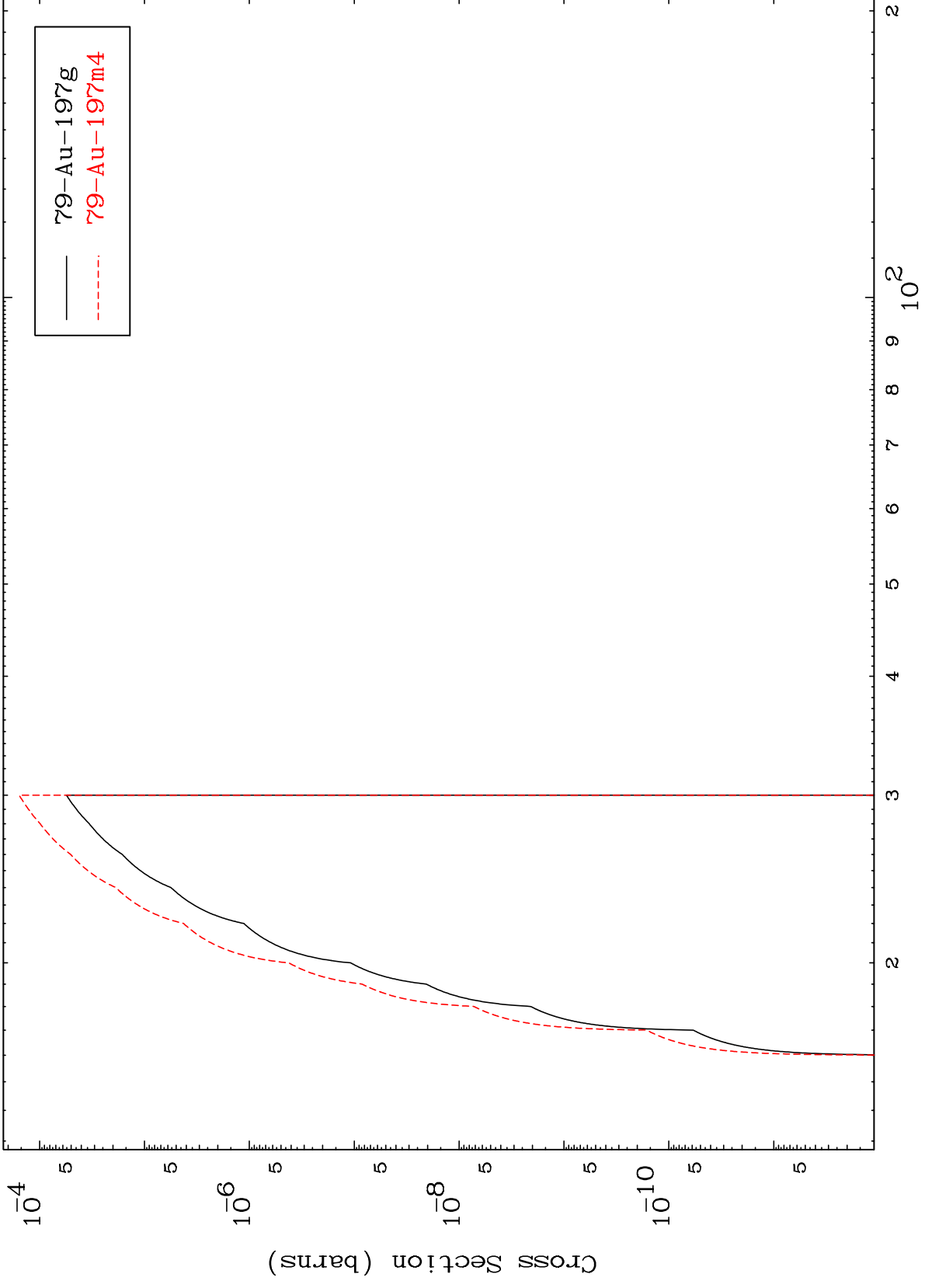
80-Hg-199

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$(\gamma, n')$  p

80-Hg-199

Radionuclide Production Cross Section



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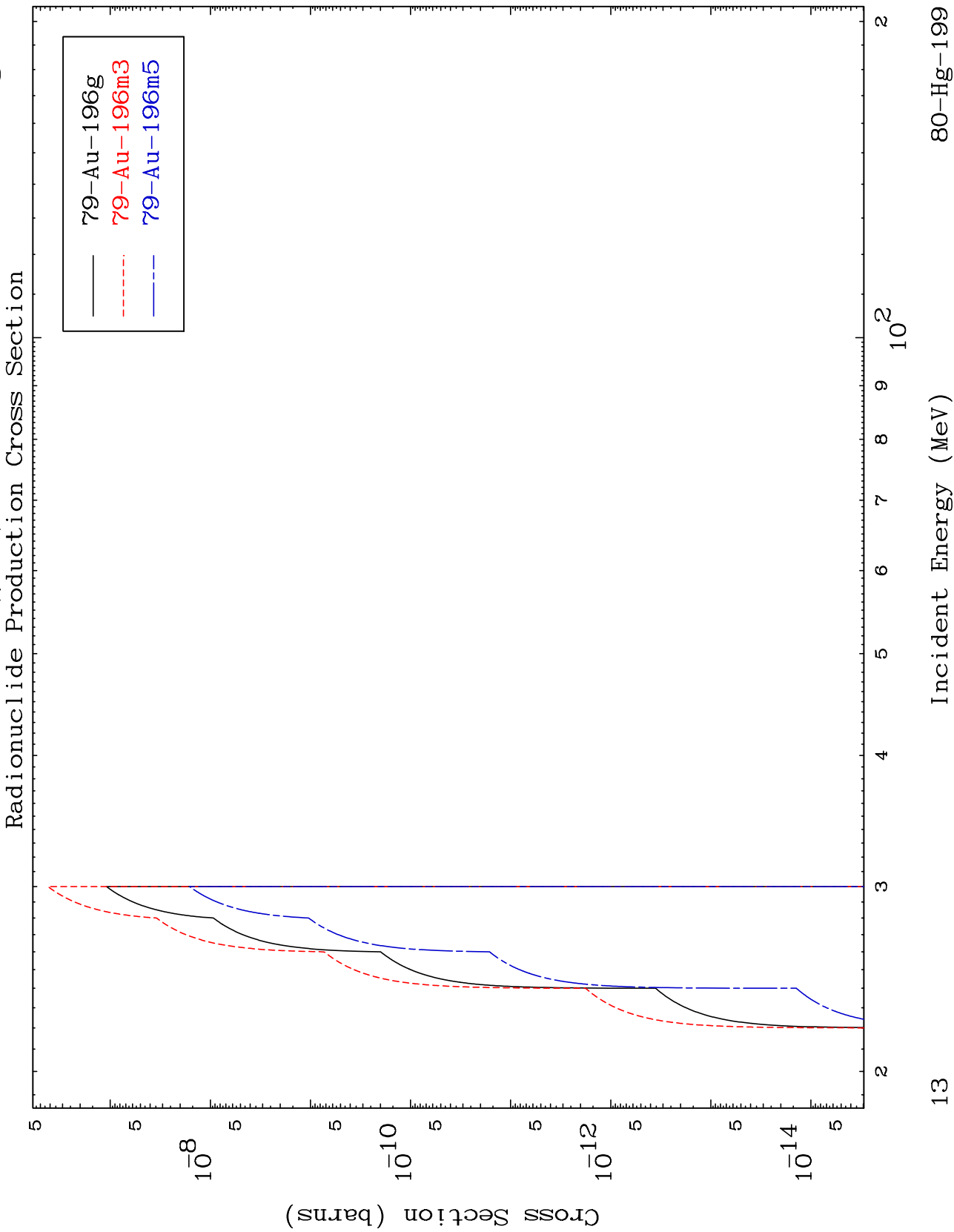
Incident Energy (MeV)

80-Hg-199

MAT 8035

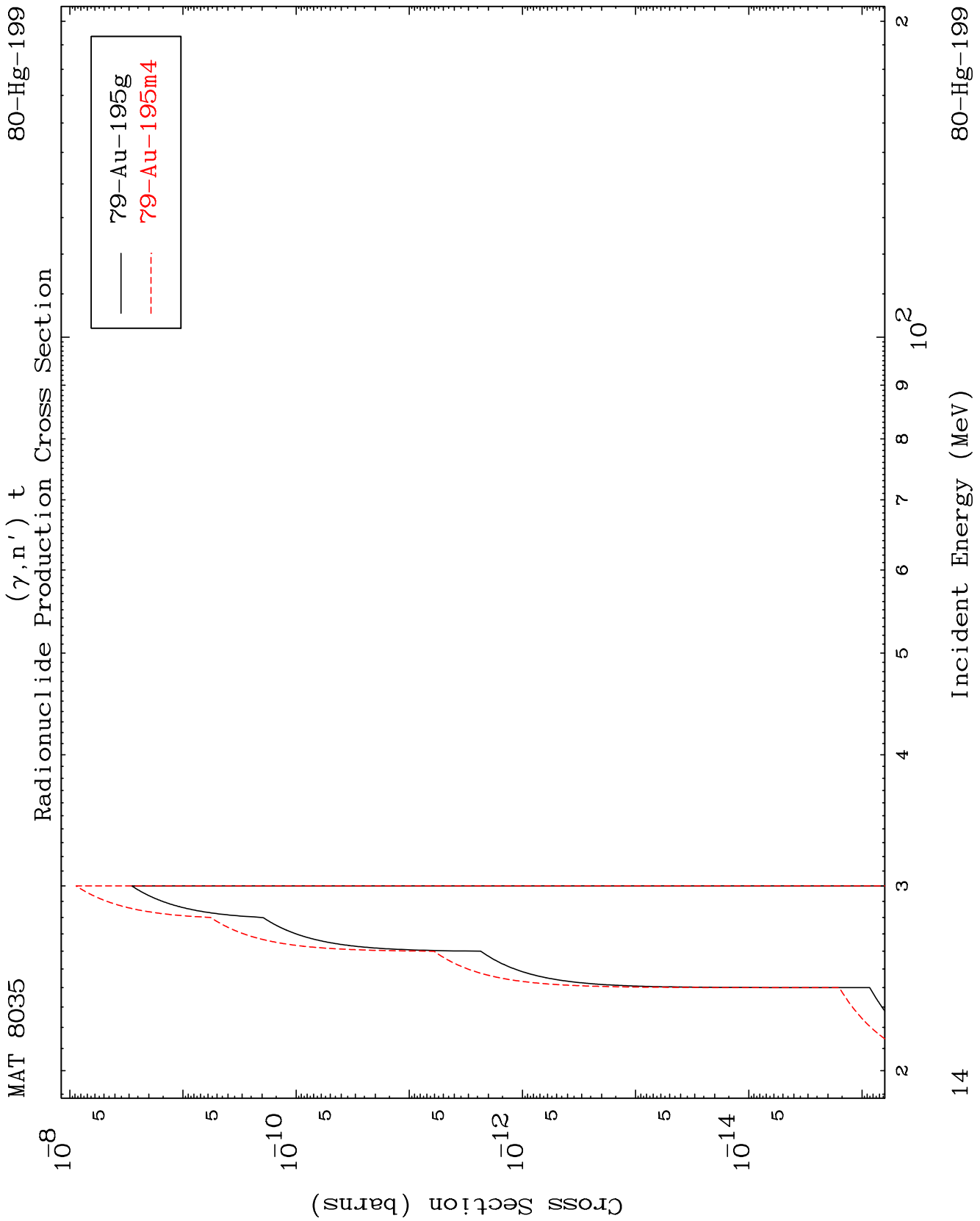
$(\gamma, n')$  d

80-Hg-199



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80-Hg-199

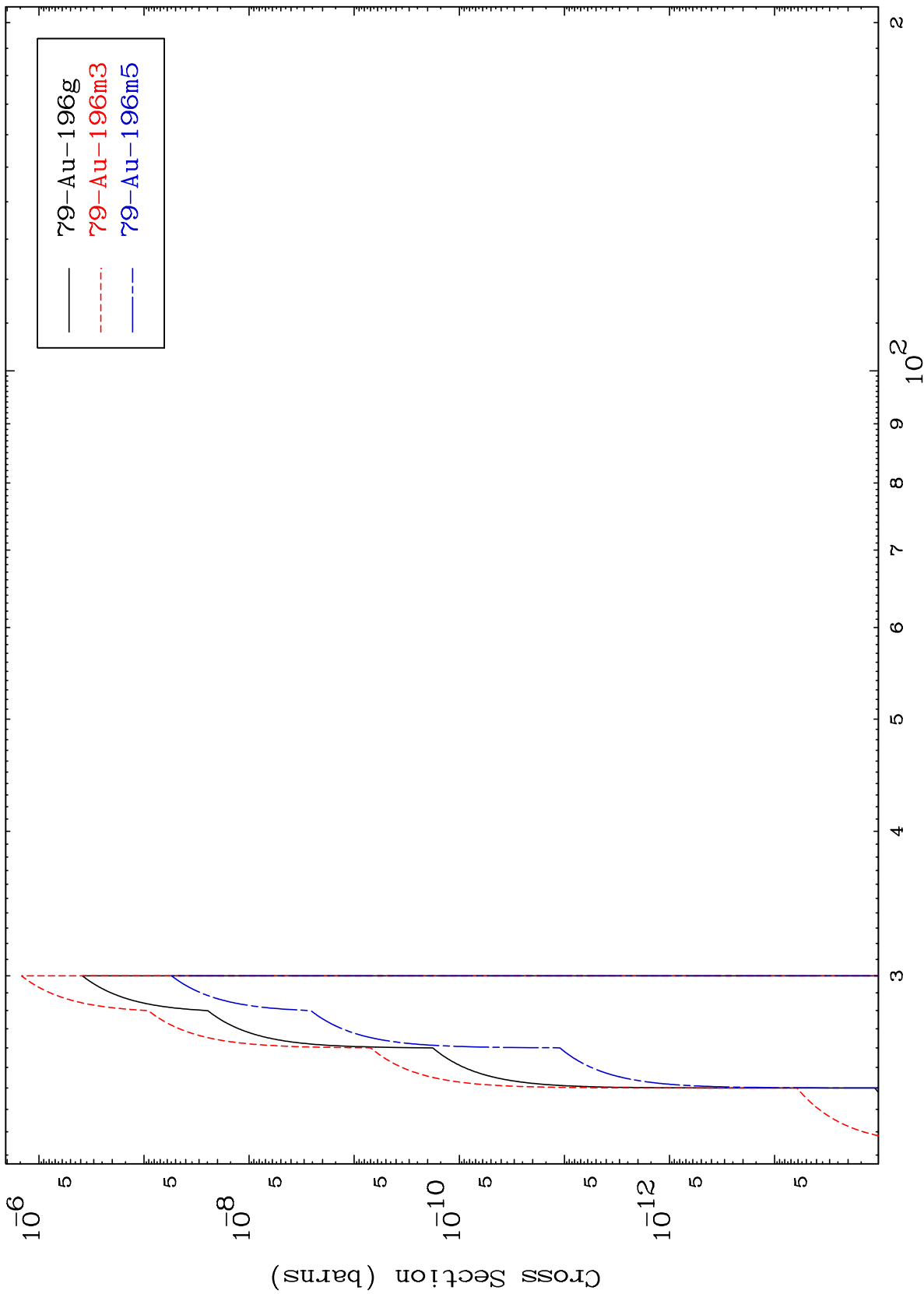


MAT 8035

$(\gamma, 2n)$  p

80-Hg-199

Radionuclide Production Cross Section



15

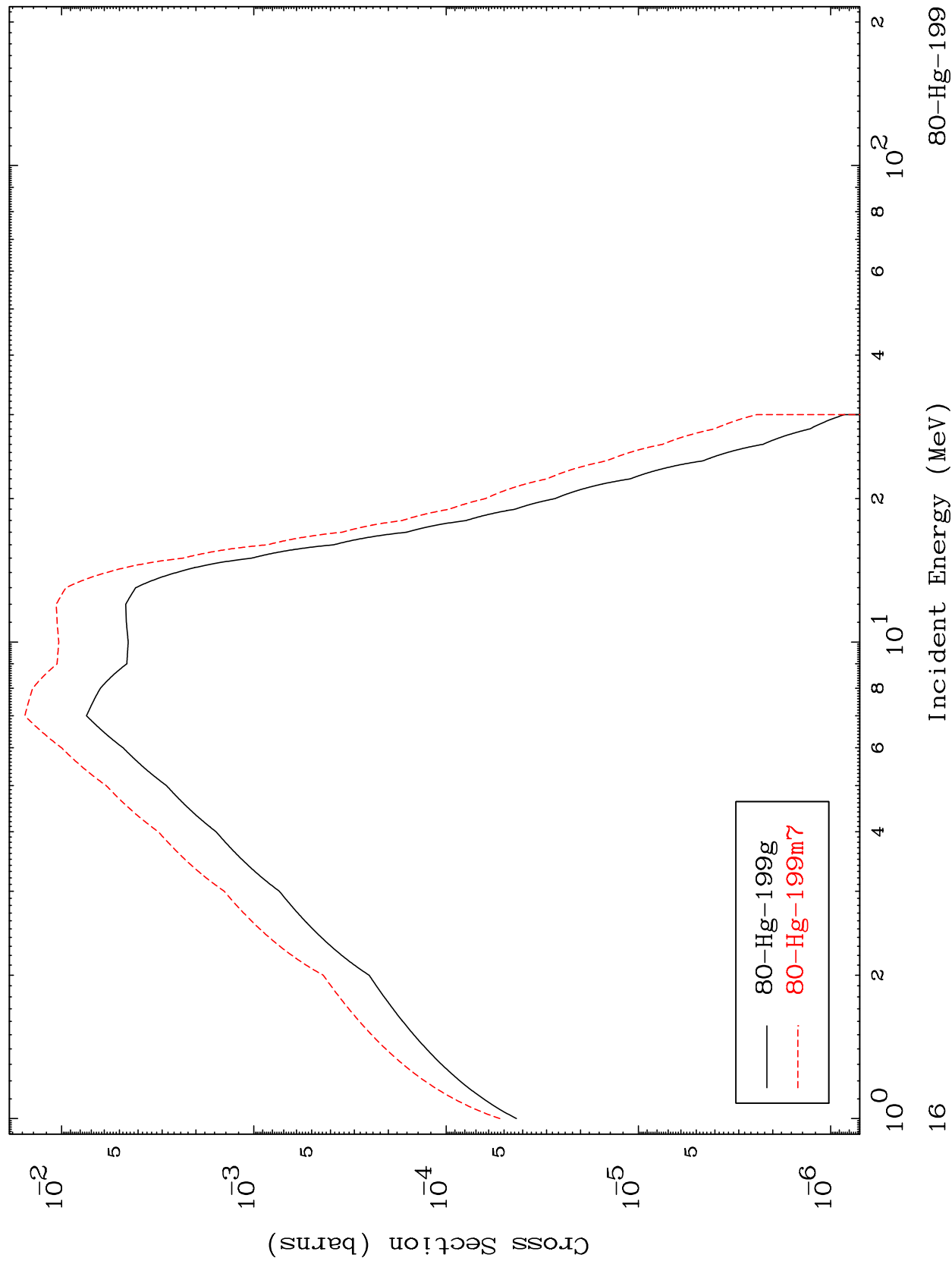
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

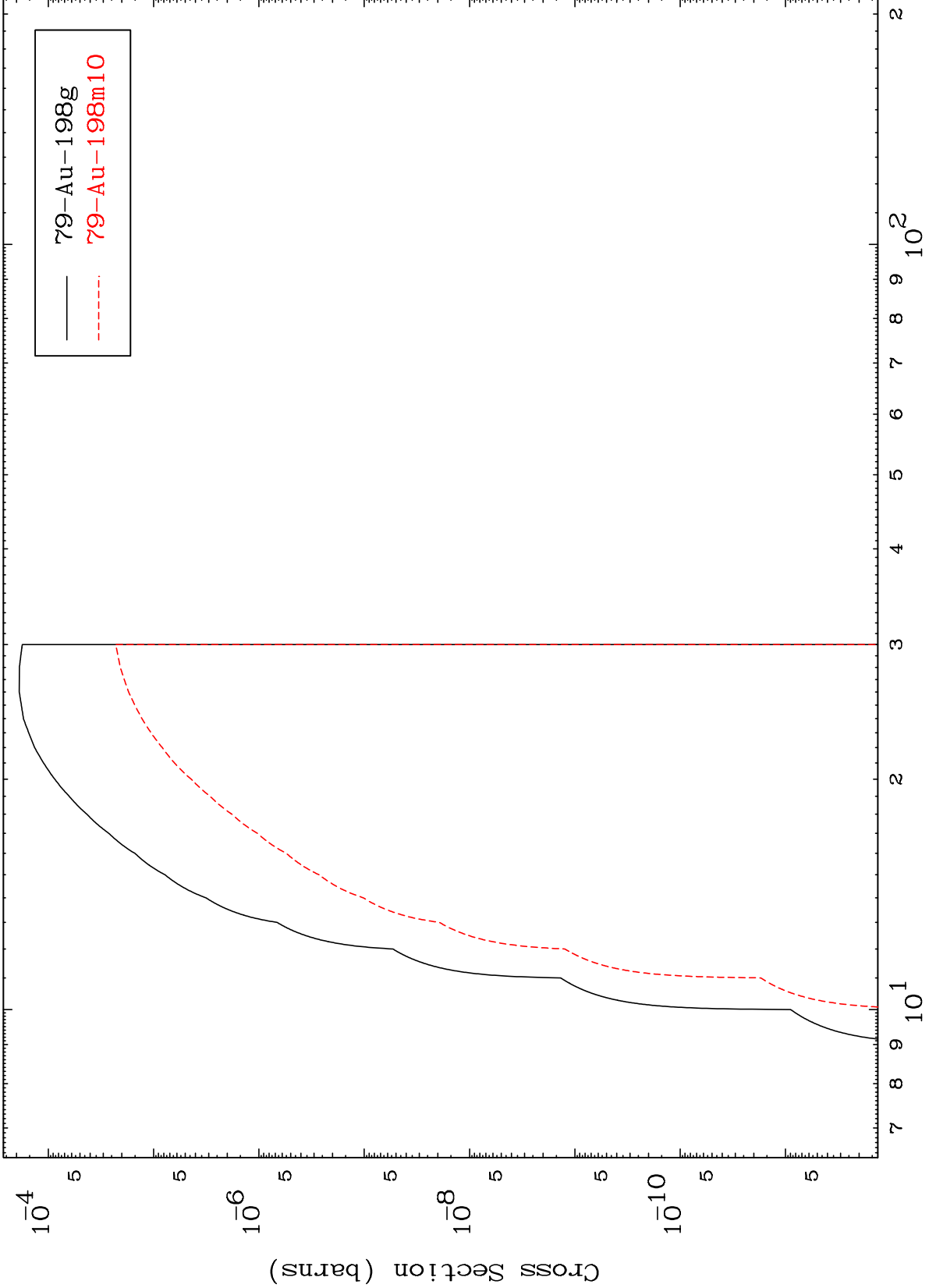
Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



MAT 8035

80-Hg-199

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



17

Incident Energy (MeV)

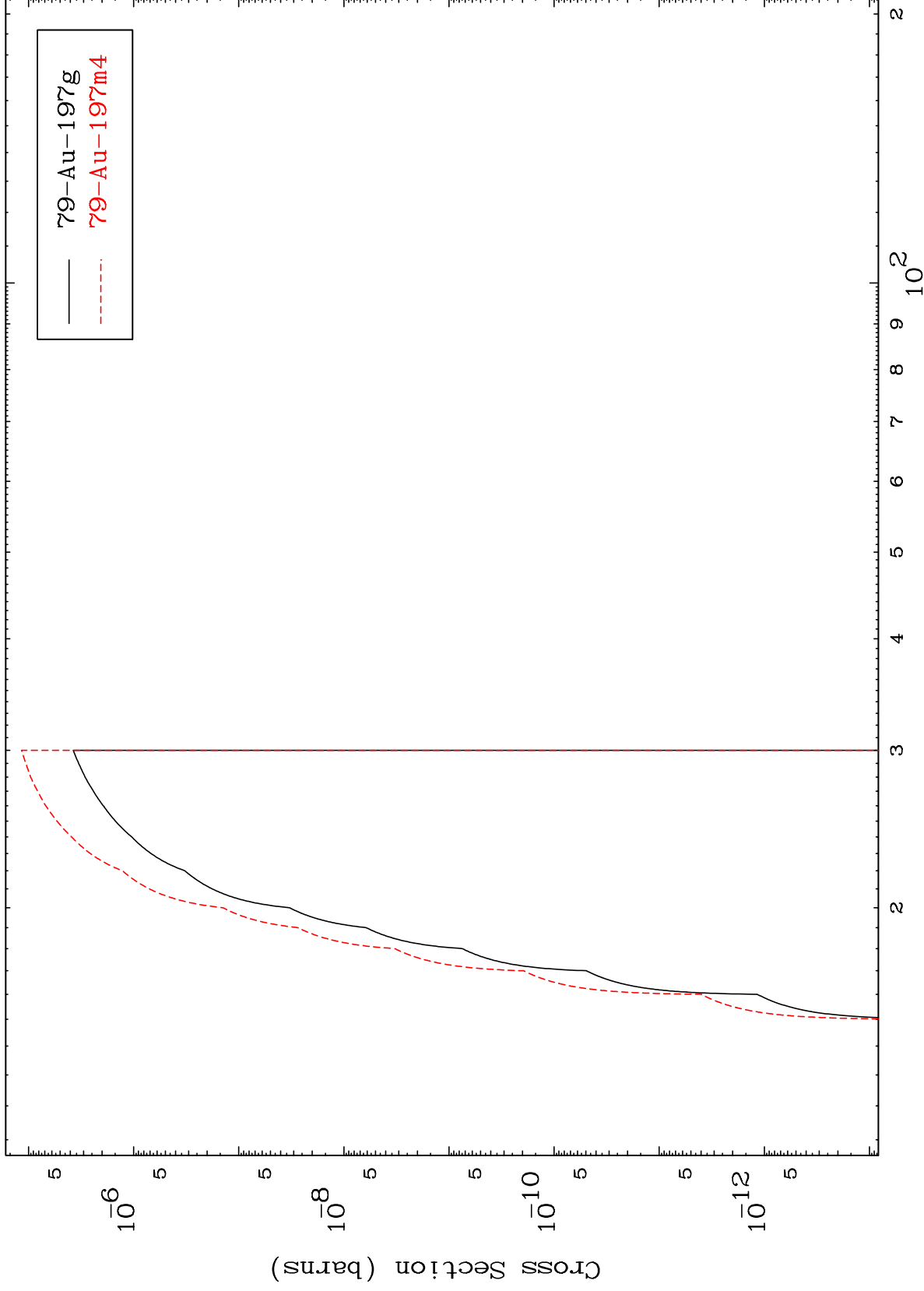
80-Hg-199

MAT 8035

( $\gamma, d$ )

80-Hg-199

Radionuclide Production Cross Section



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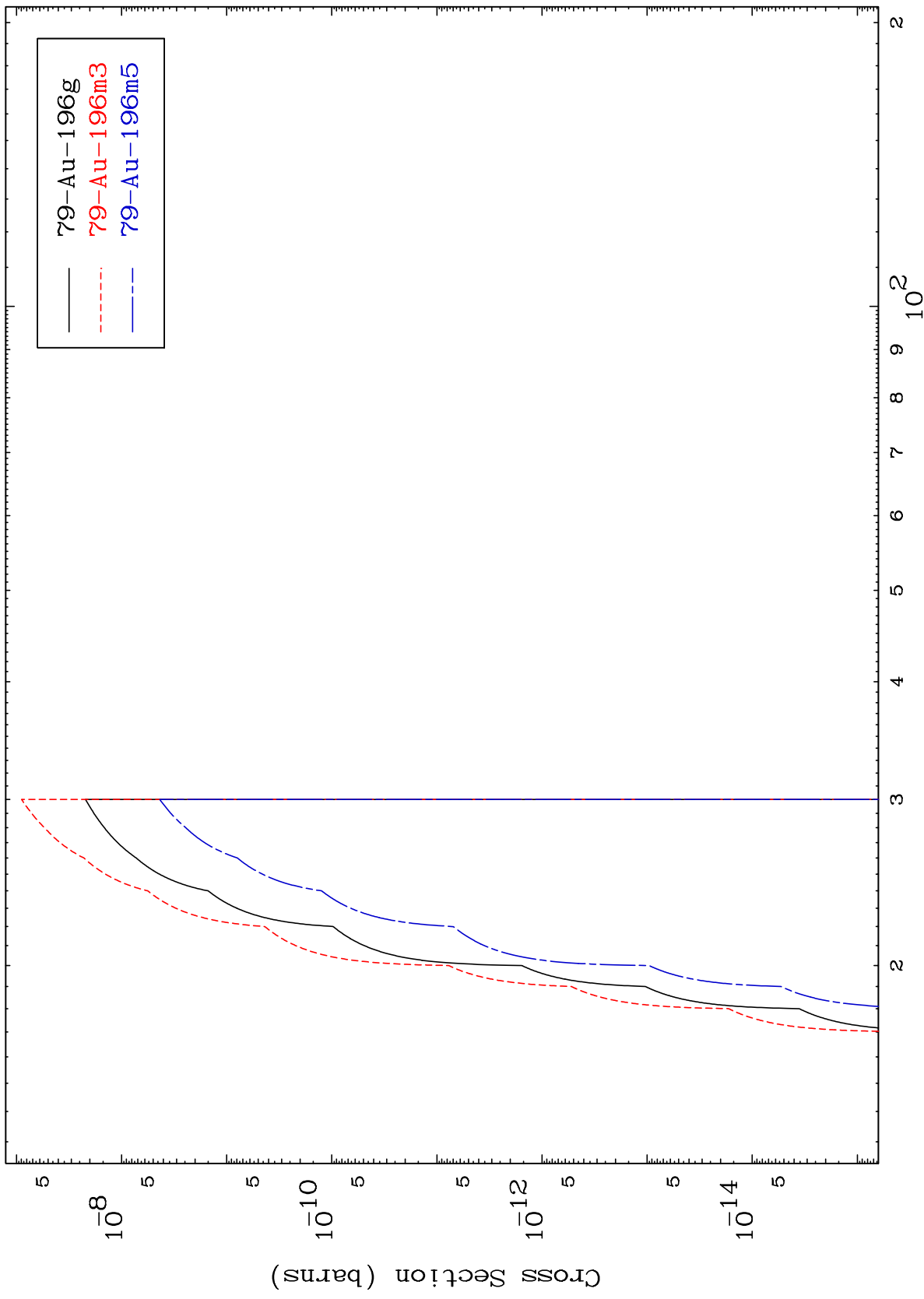
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

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



19

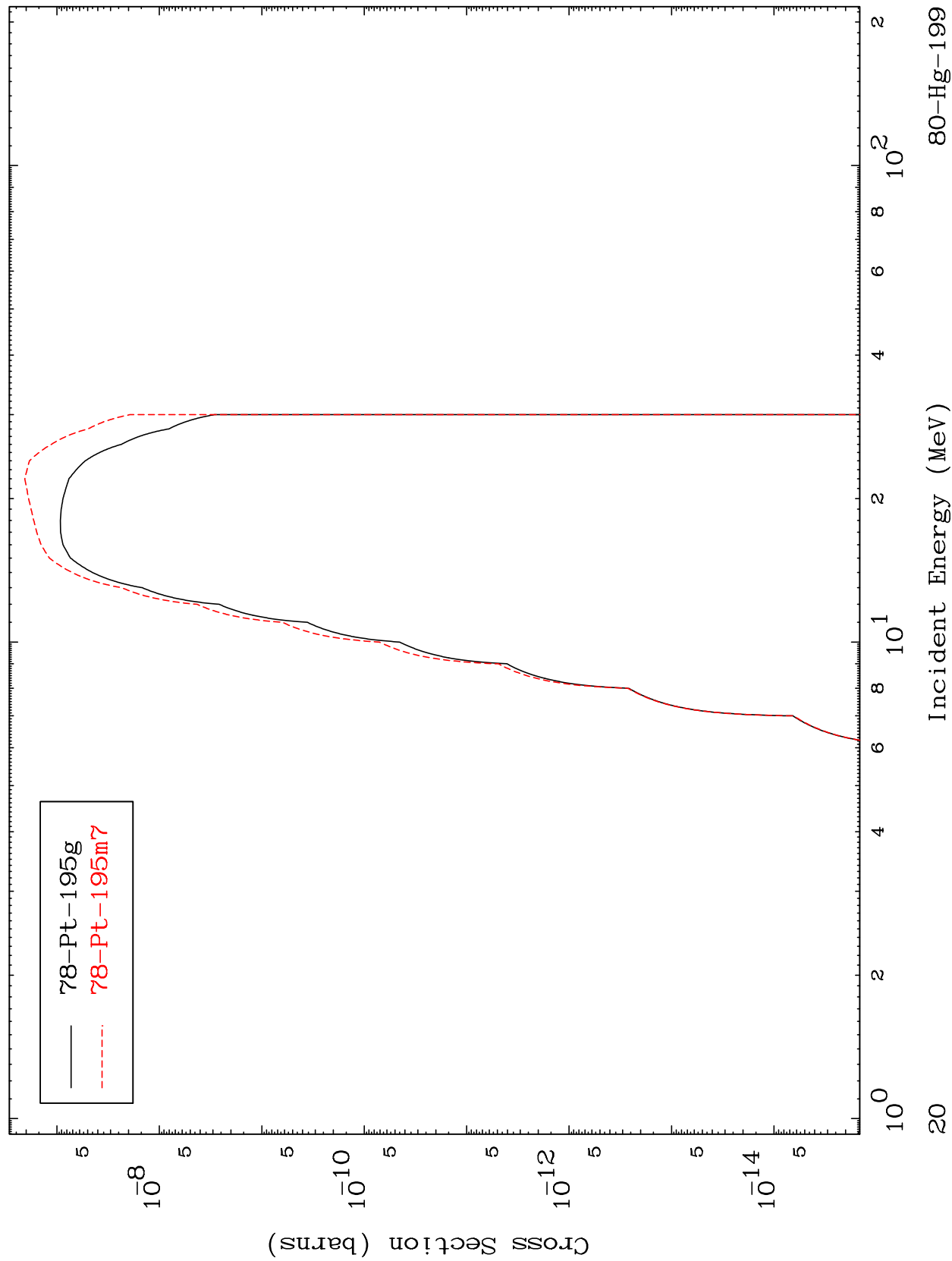
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

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



Incident Energy (MeV)

80-Hg-199