

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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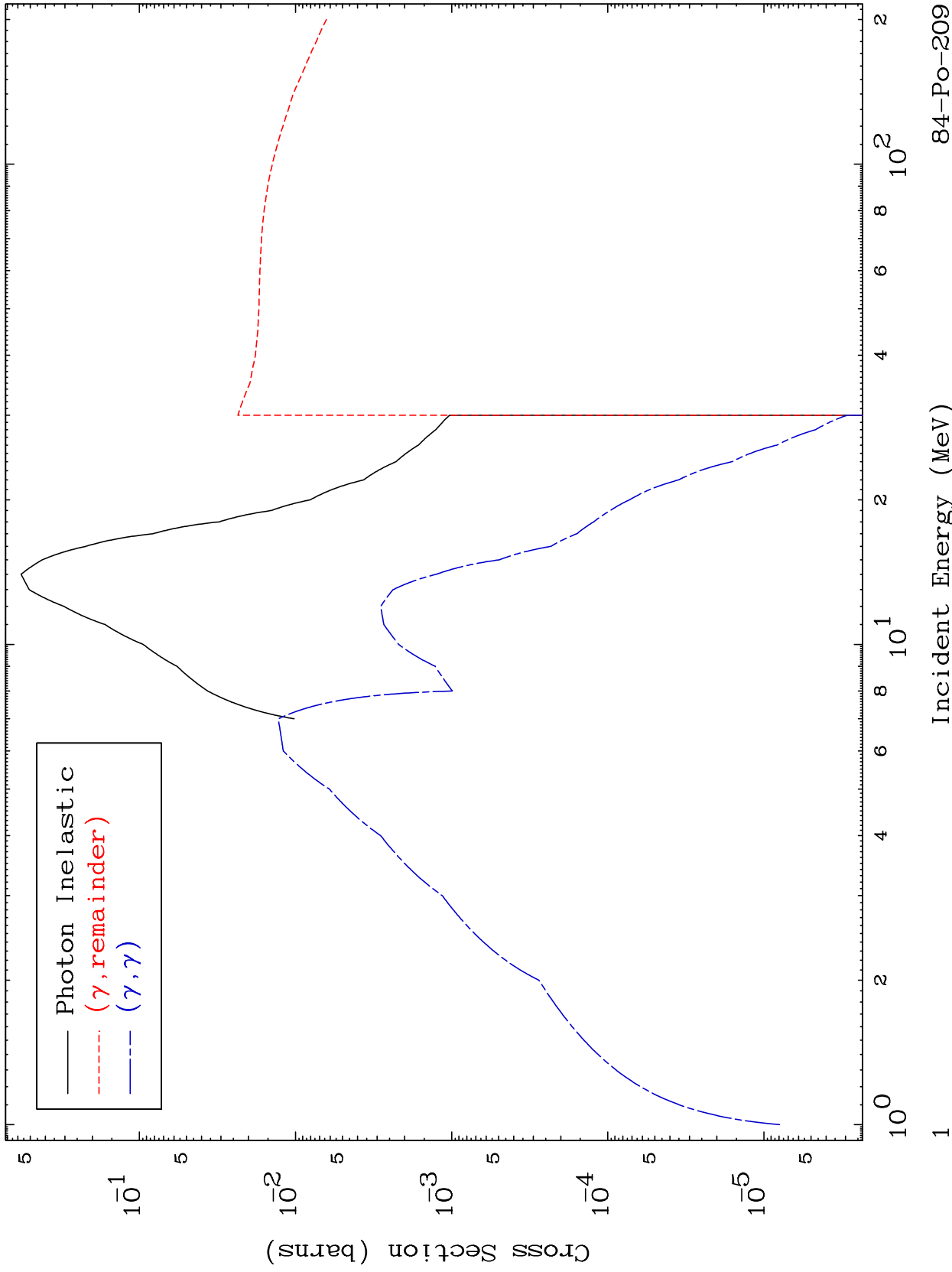
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

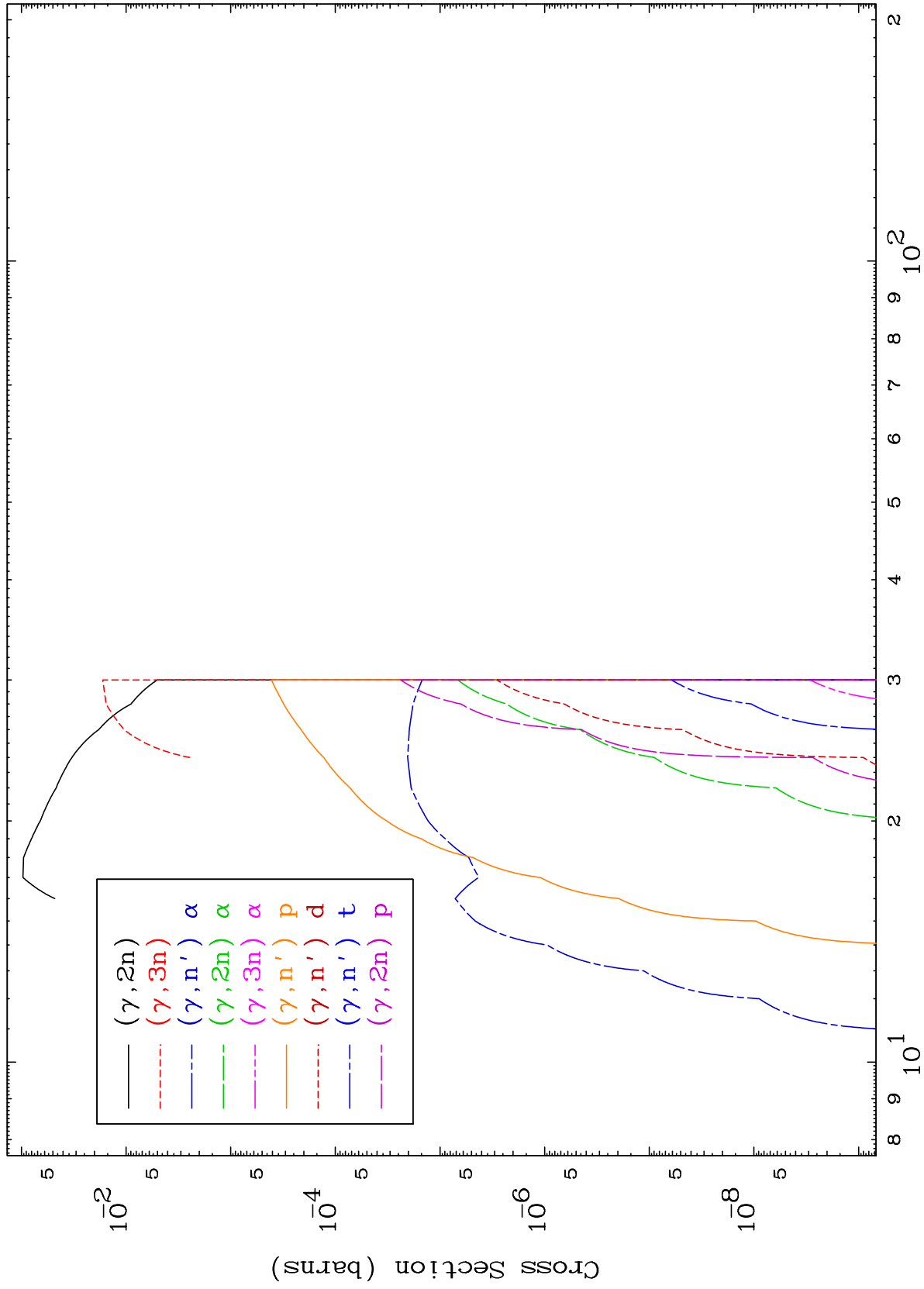
MAT 8434

Photon Major  
0 Kelvin Cross Sections

84-Po-209



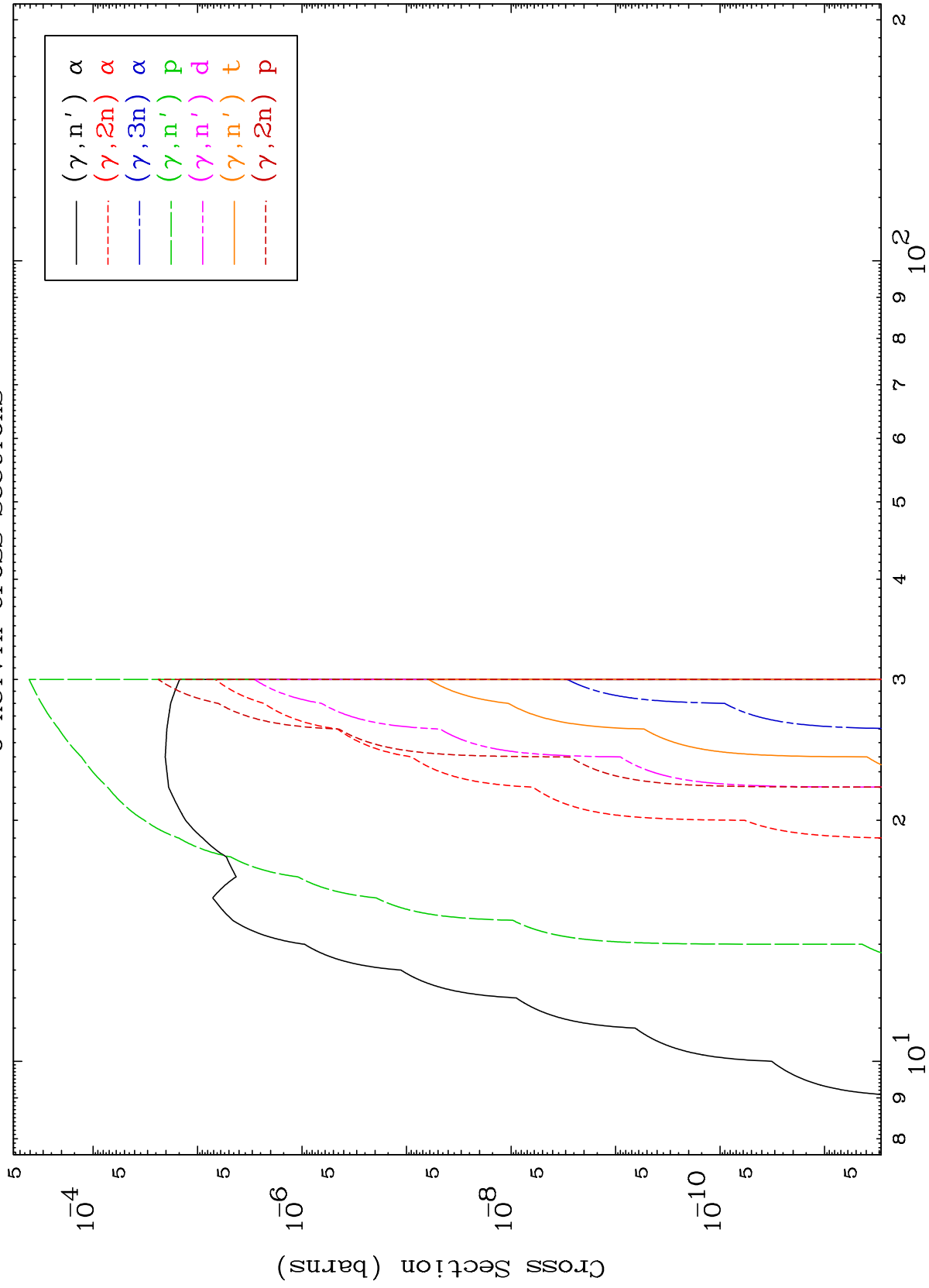
84-Po-209



MAT 8434

Photon Charged Particle  
0 Kelvin Cross Sections

84-Po-209



3

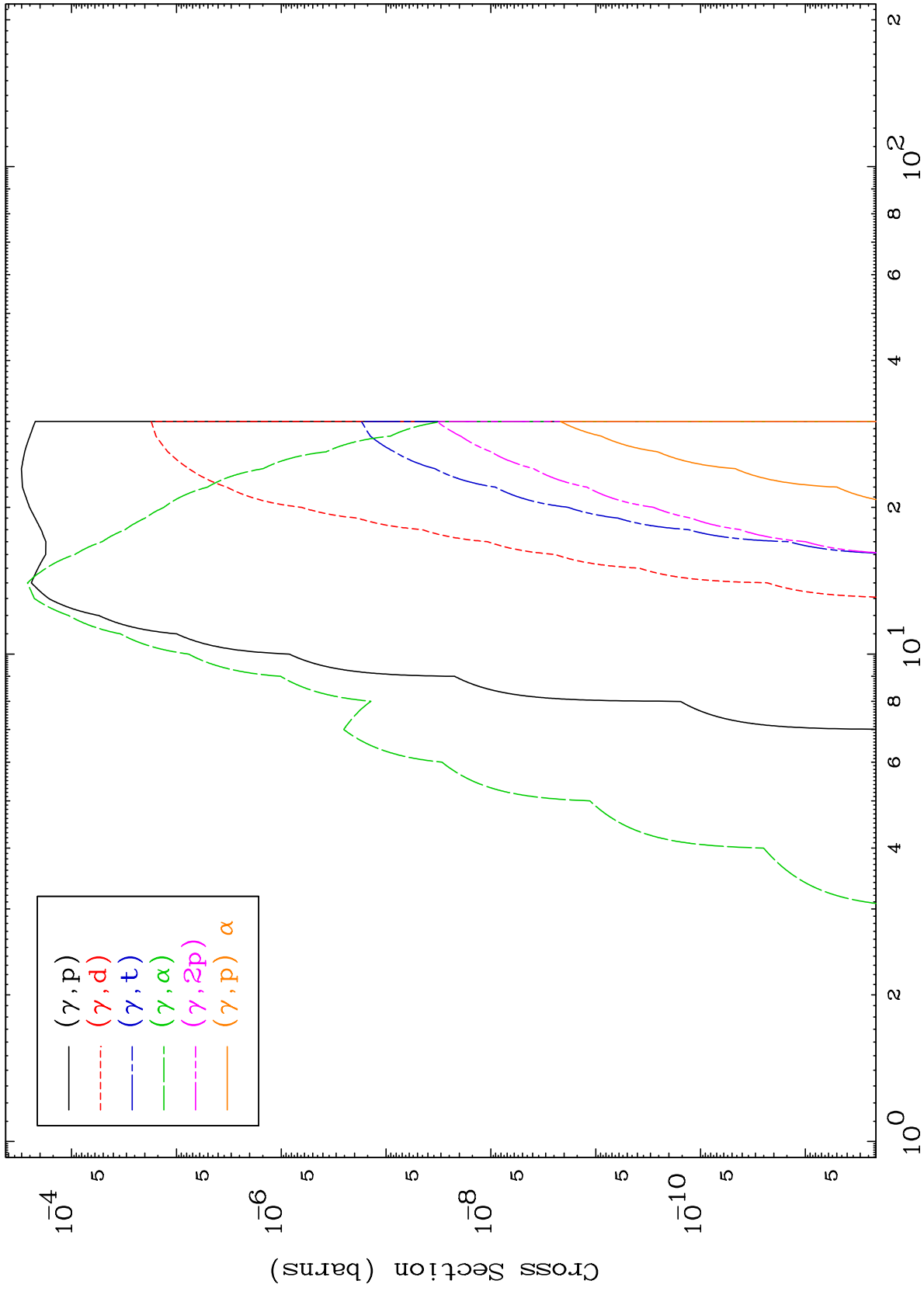
Incident Energy (MeV)

84-Po-209

MAT 8434

Photon Charged Particle  
0 Kelvin Cross Sections

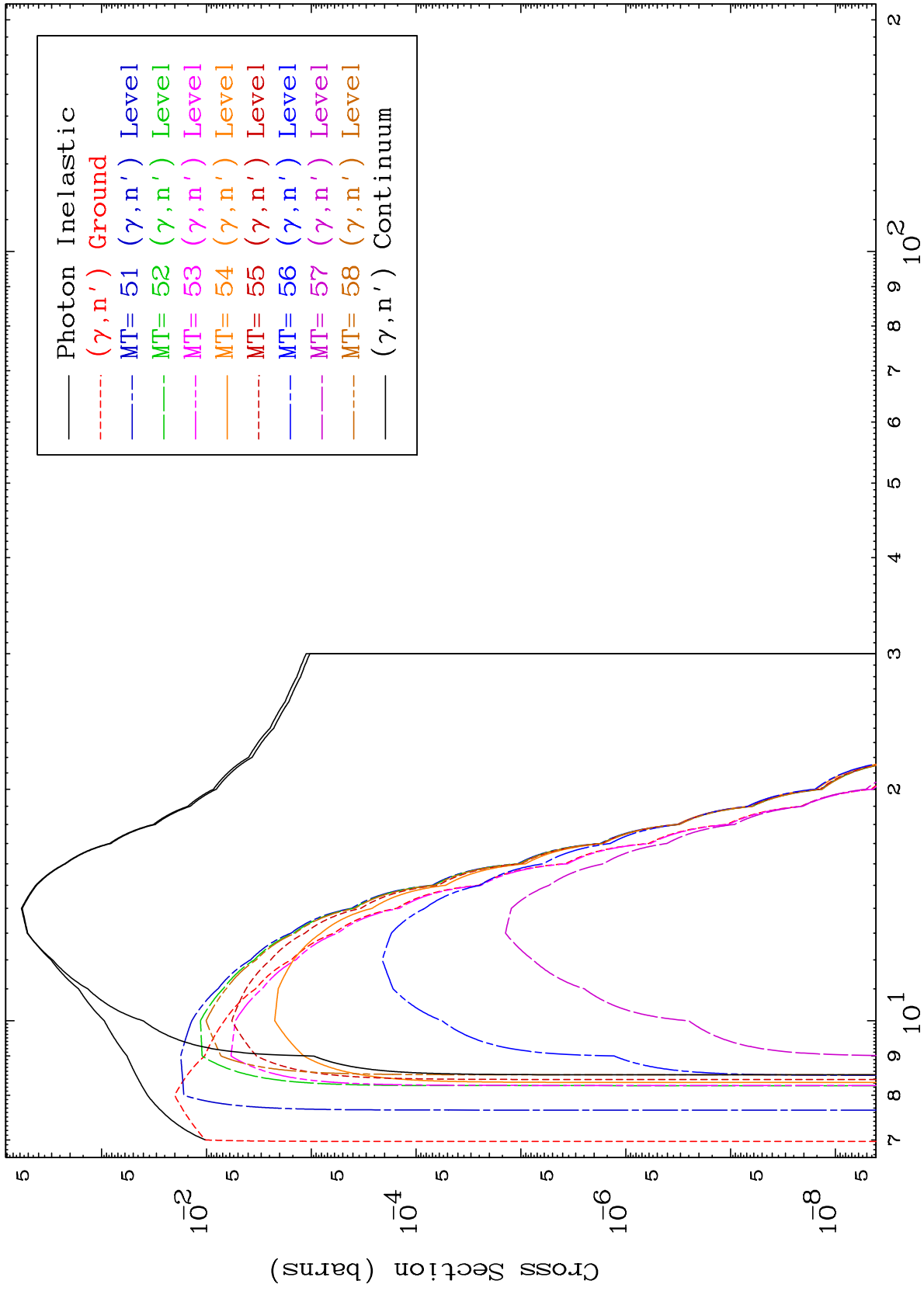
84-Po-209



84-Po-209

Incident Energy (MeV)

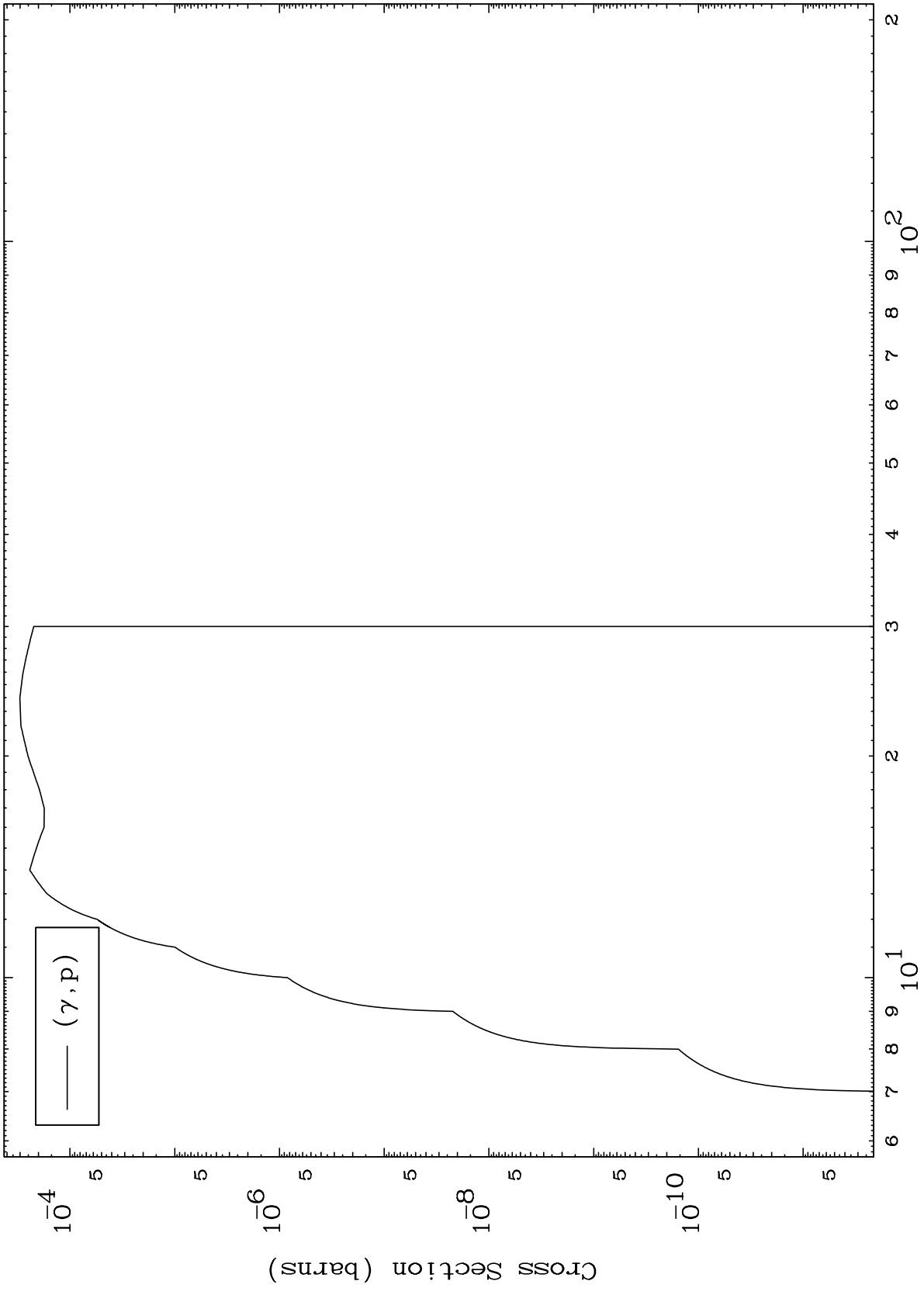
4



MAT 8434

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

84-Po-209



6

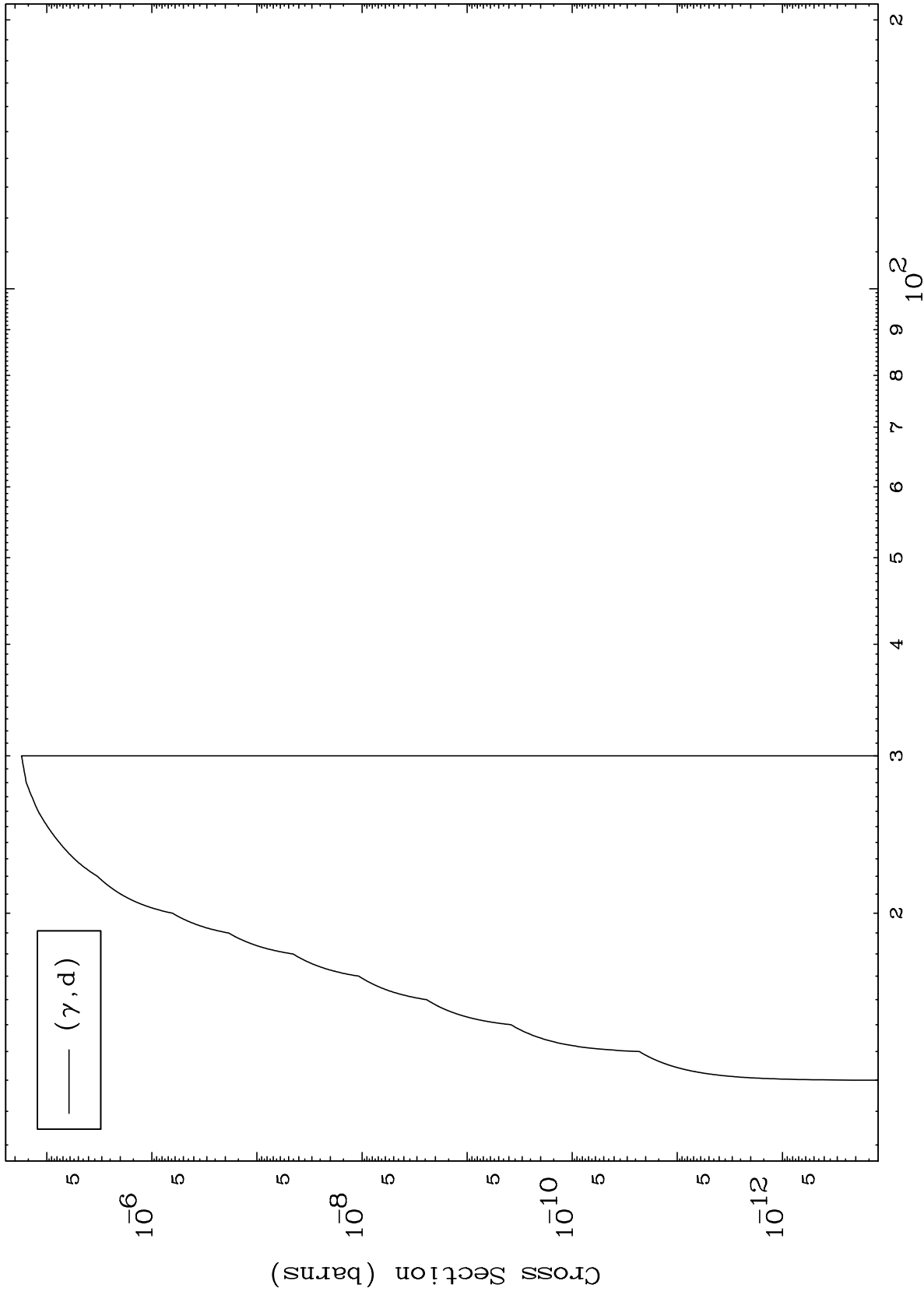
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



7

Incident Energy (MeV)

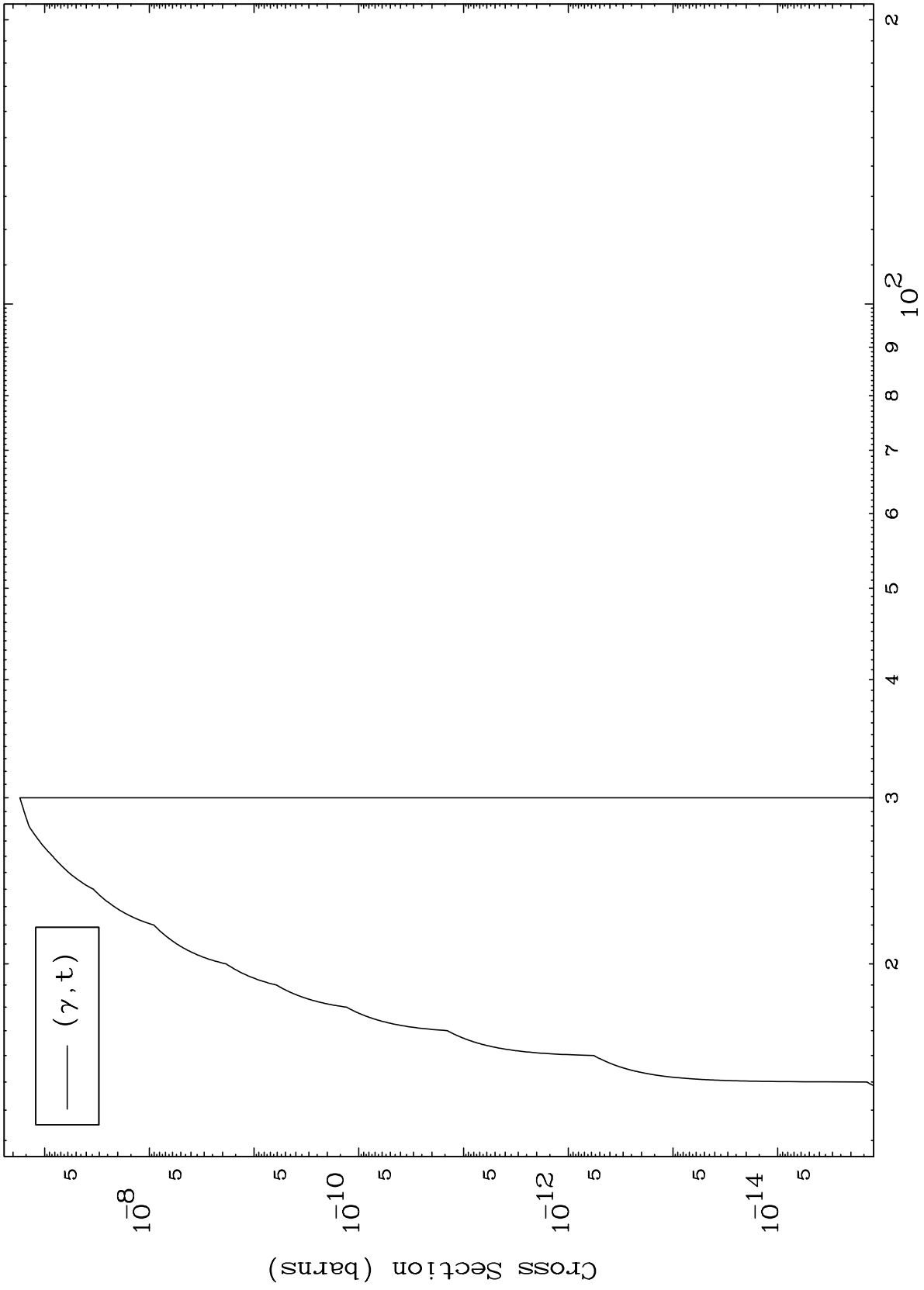
84-Po-209



MAT 8434

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

84-Po-209



8

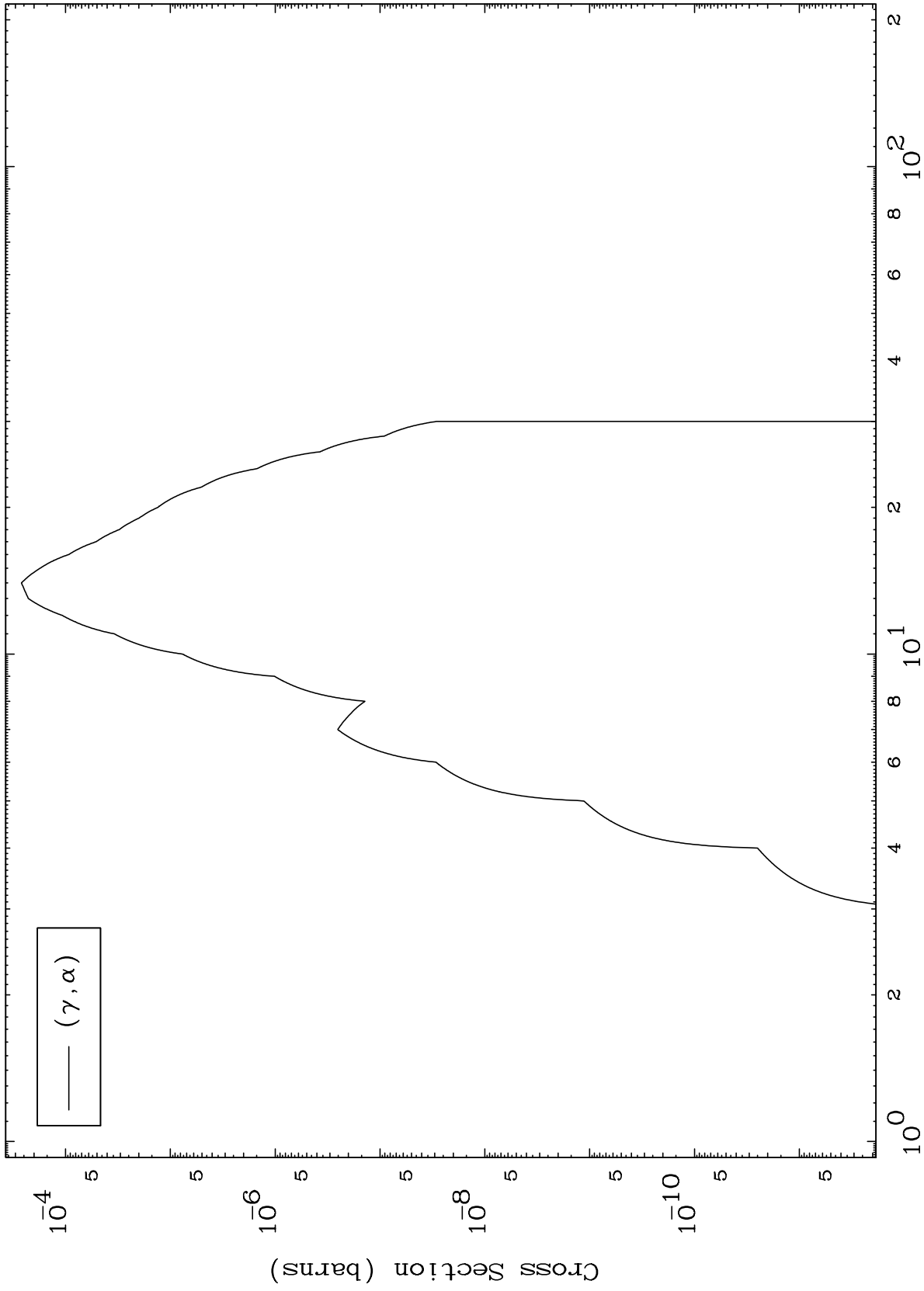
Incident Energy (MeV)

84-Po-209

MAT 8434

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

84-Po-209



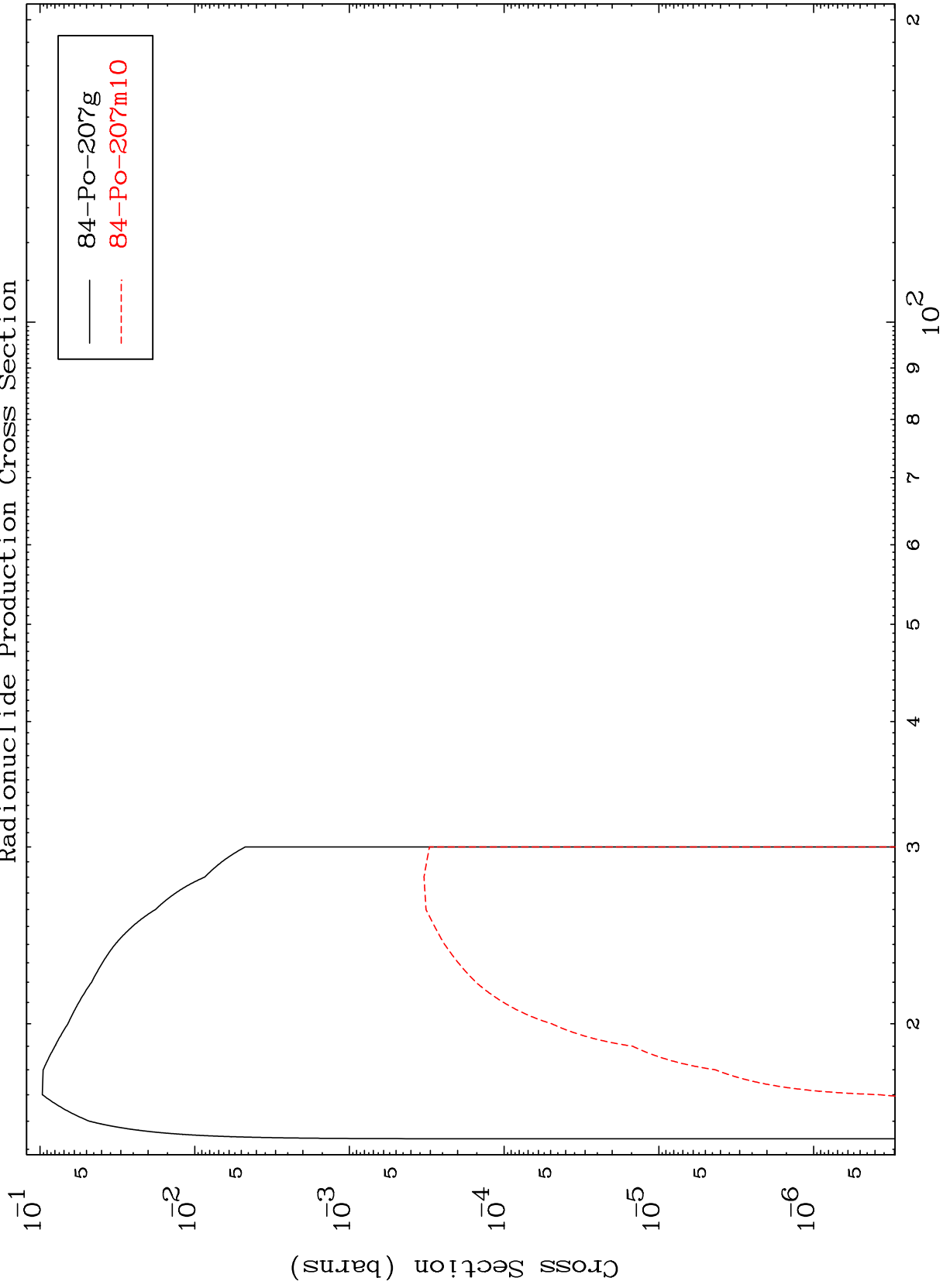
Incident Energy (MeV)

84-Po-209

MAT 8434

84-Po-209

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



10

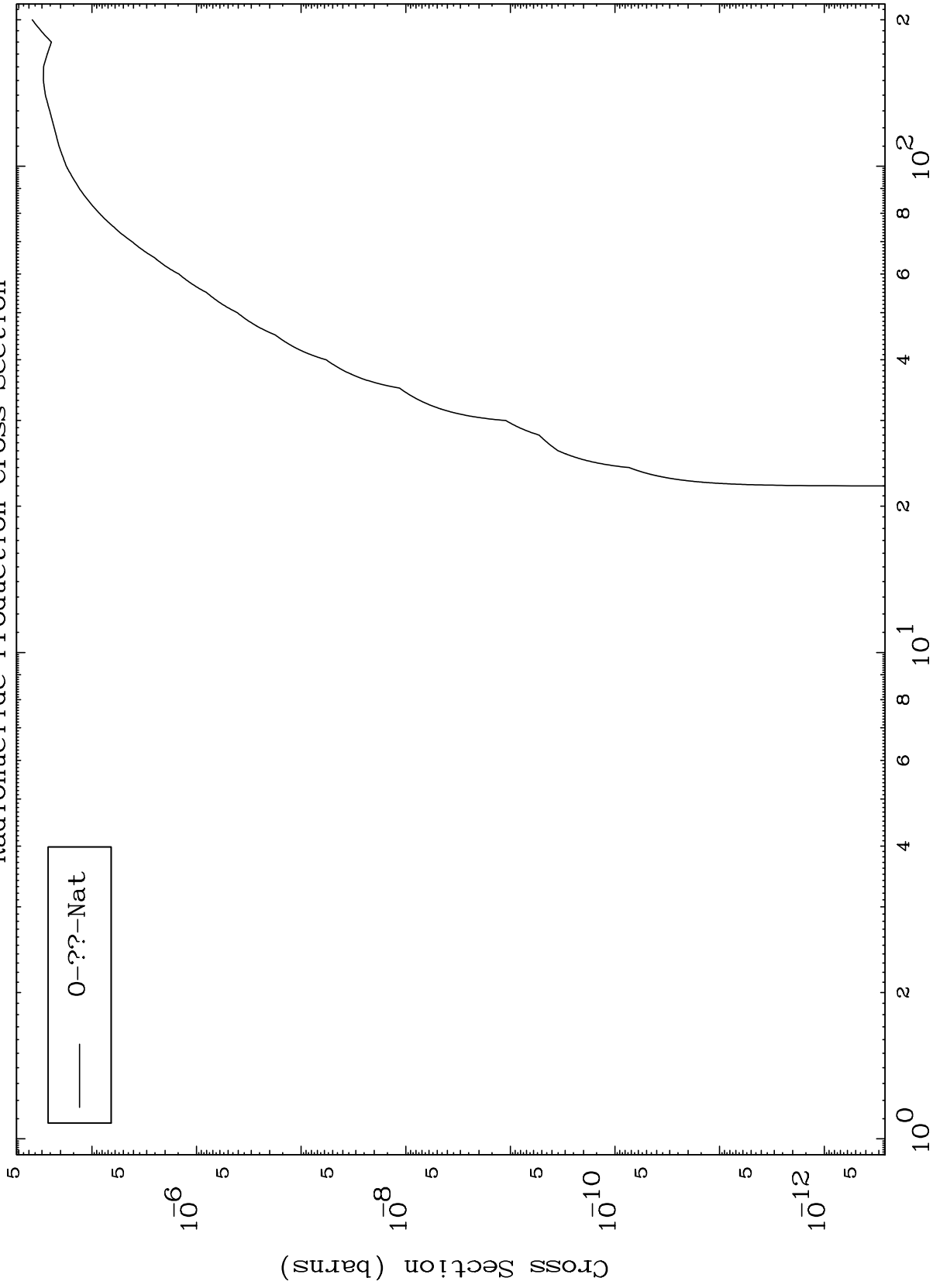
Incident Energy (MeV)

84-Po-209

MAT 8434

Photon Fission  
Radionuclide Production Cross Section

84-Po-209



11

Incident Energy (MeV)

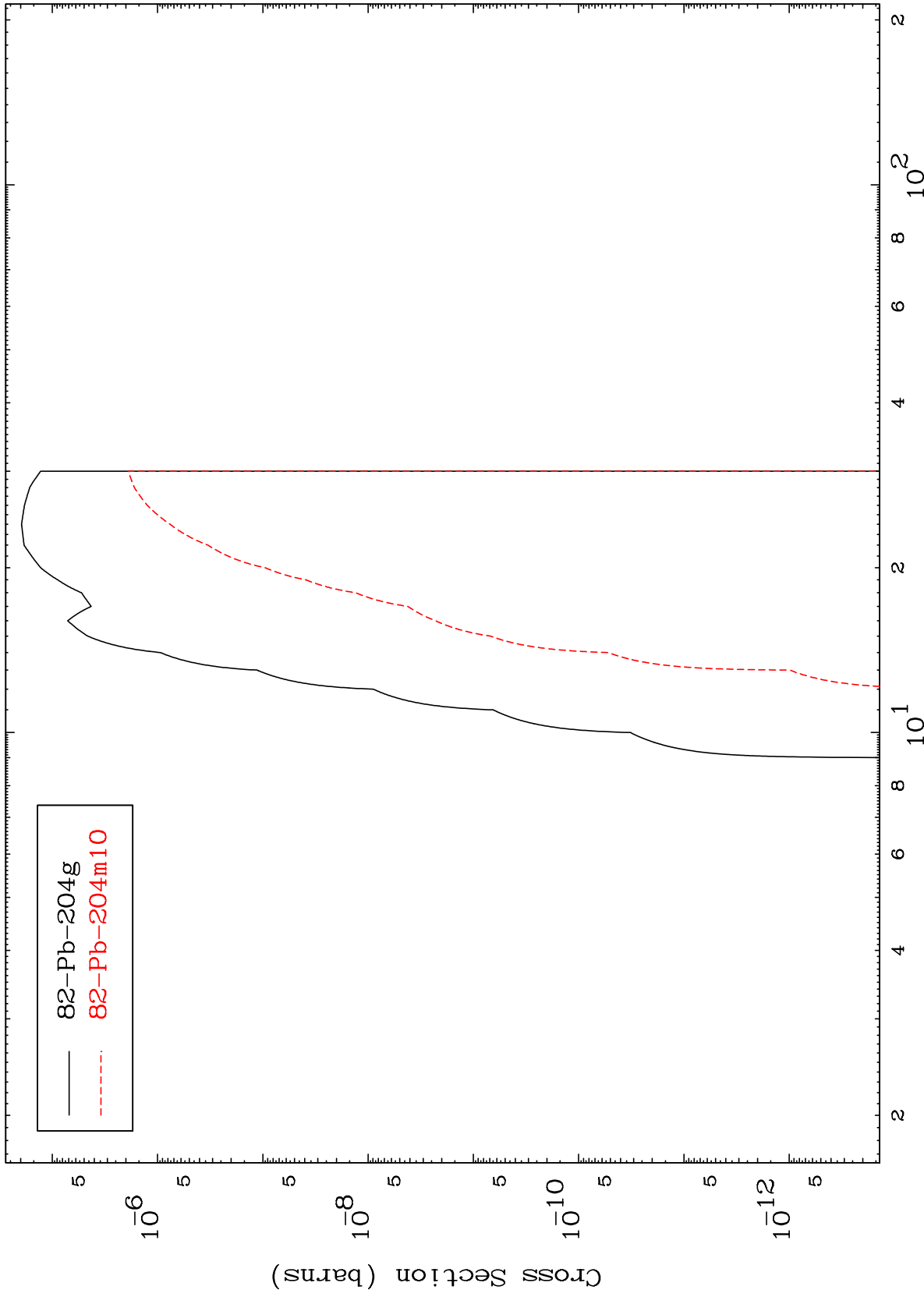
84-Po-209

MAT 8434

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

84-Po-209

Radionuclide Production Cross Section



12

Incident Energy (MeV)

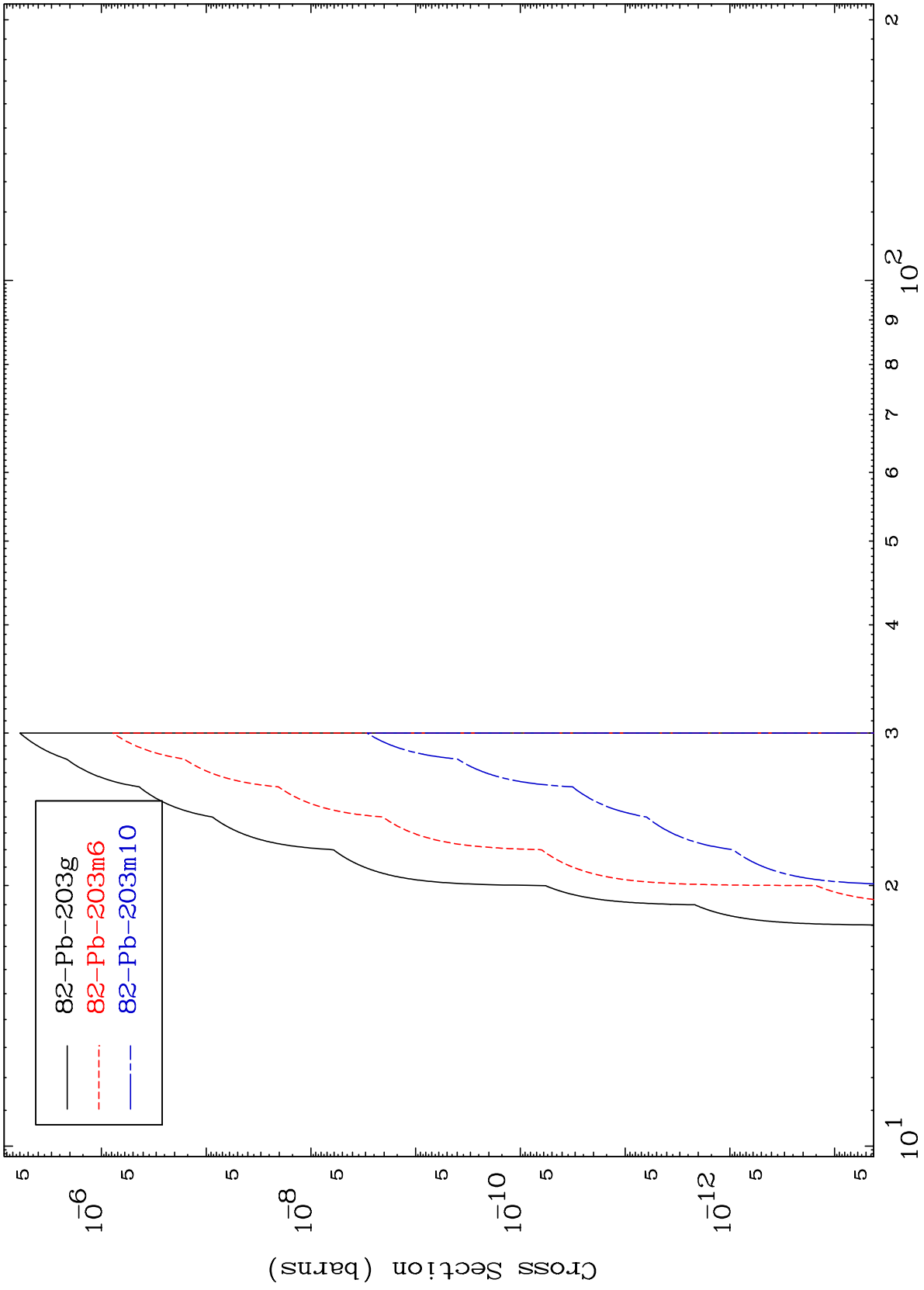
84-Po-209

MAT 8434

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

84-Po-209

Radionuclide Production Cross Section



82-Pb-203g  
82-Pb-203m6  
82-Pb-203m10

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Incident Energy (MeV)

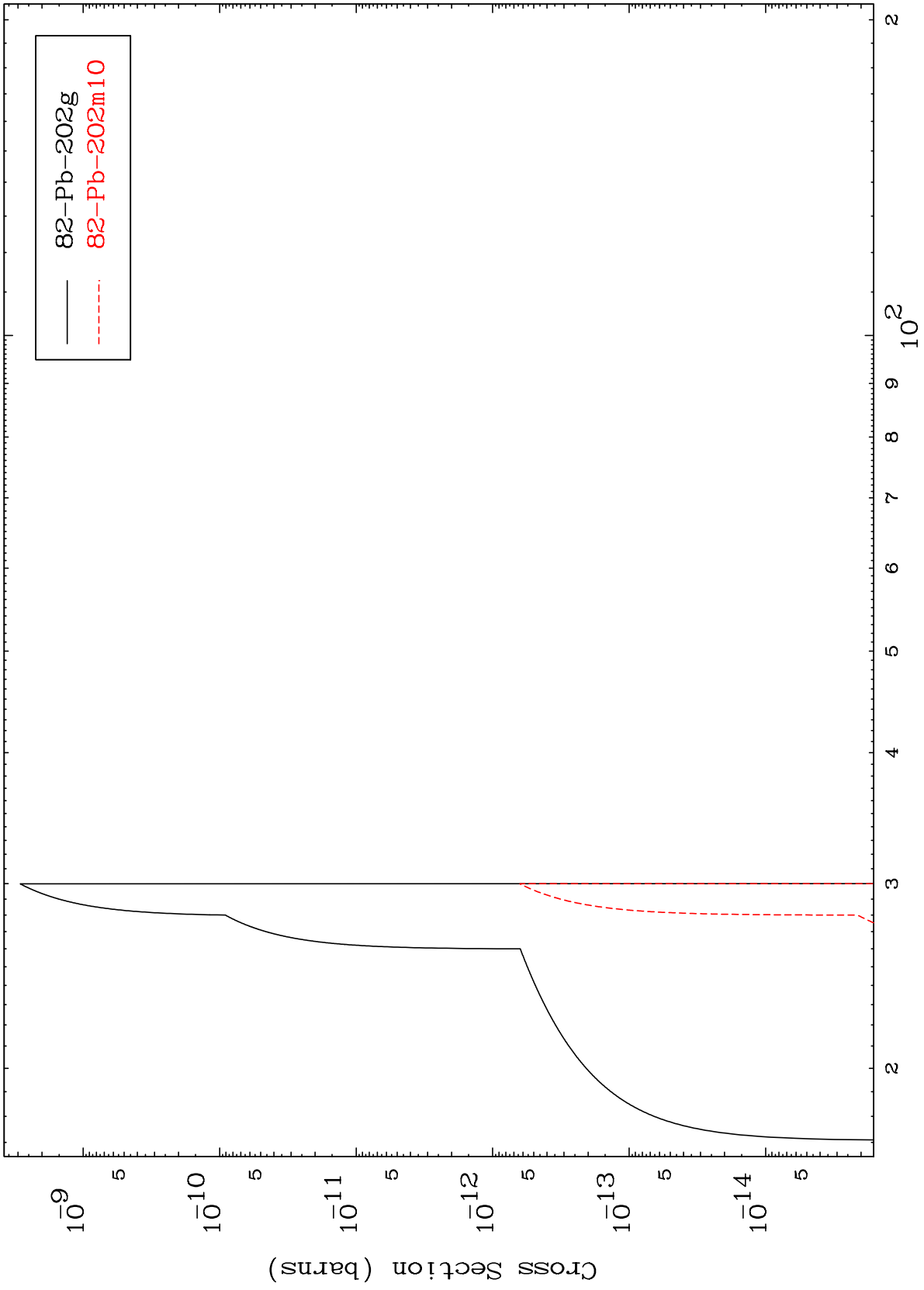
84-Po-209

MAT 8434

$(\gamma, 3n) \alpha$

84-Po-209

Radionuclide Production Cross Section



14

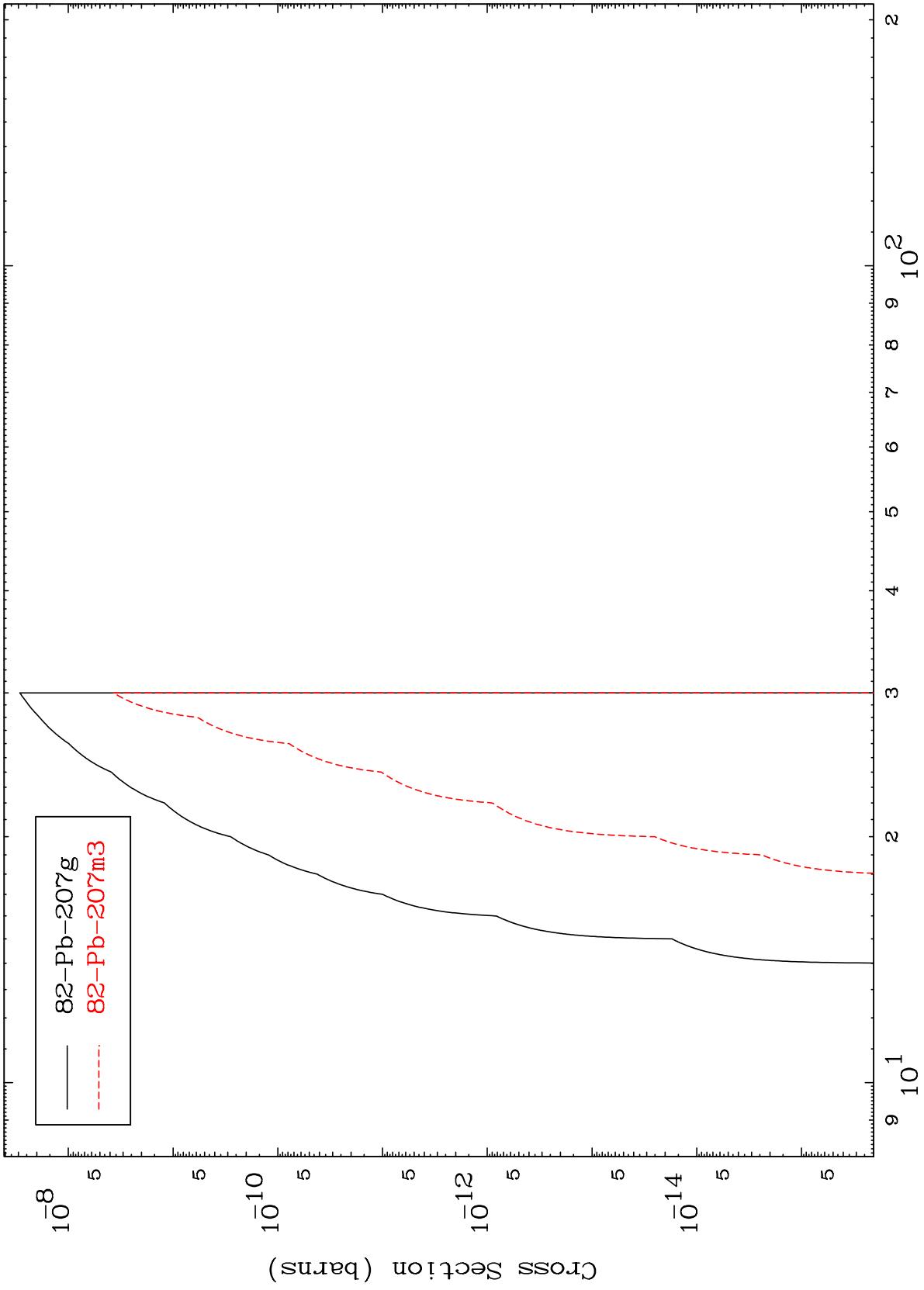
Incident Energy (MeV)

84-Po-209

MAT 8434

84-Po-209

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



84-Po-209

Incident Energy (MeV)

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