

Program EVALPLOT  
(Version 2018-1)

by

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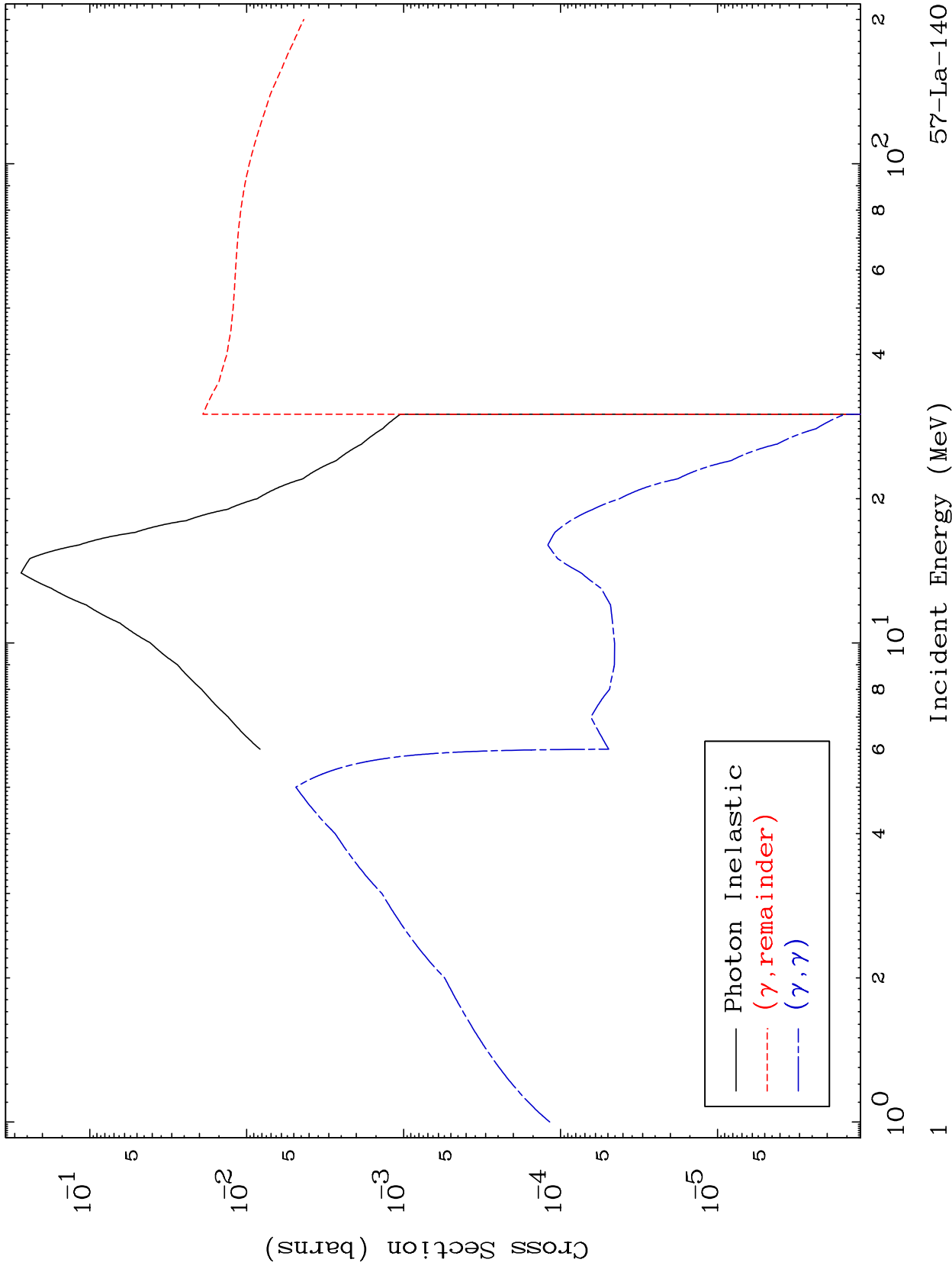
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5731

Photon Major  
0 Kelvin Cross Sections

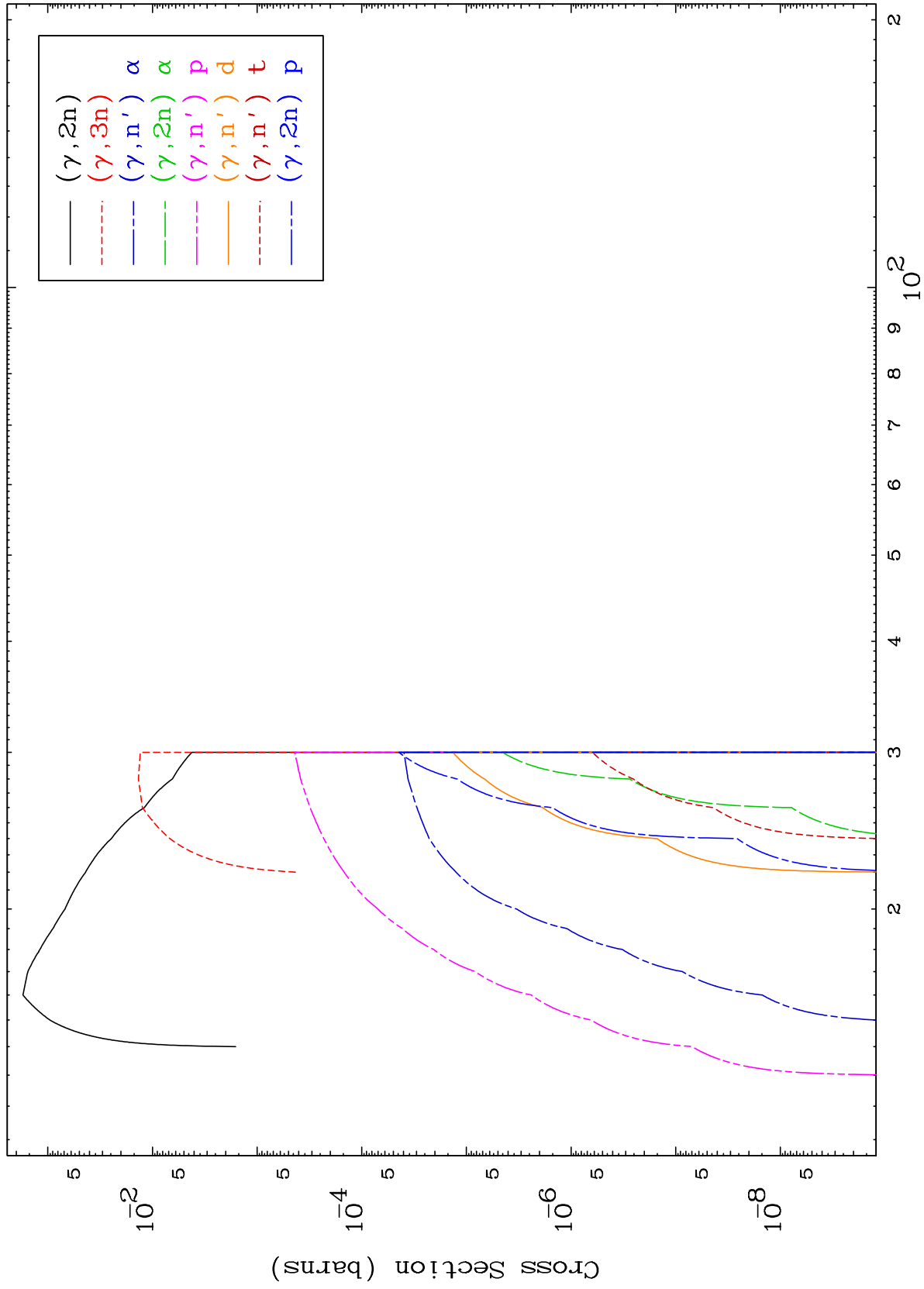
57-La-140



MAT 5731

Photon Neutron Production  
0 Kelvin Cross Sections

57-La-140



2

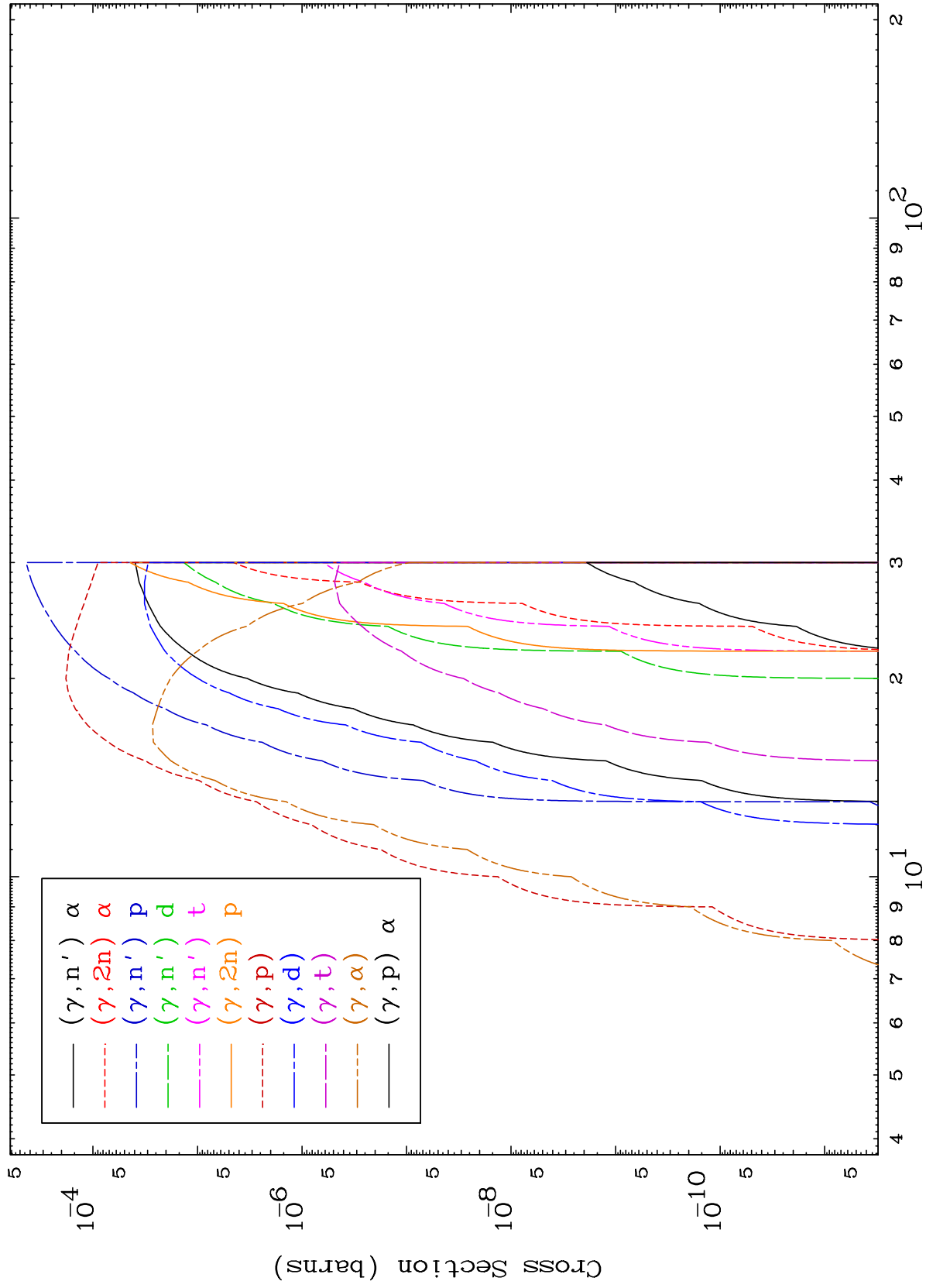
Incident Energy (MeV)

57-La-140

MAT 5731

Photon Charged Particle  
0 Kelvin Cross Sections

57-La-140



3

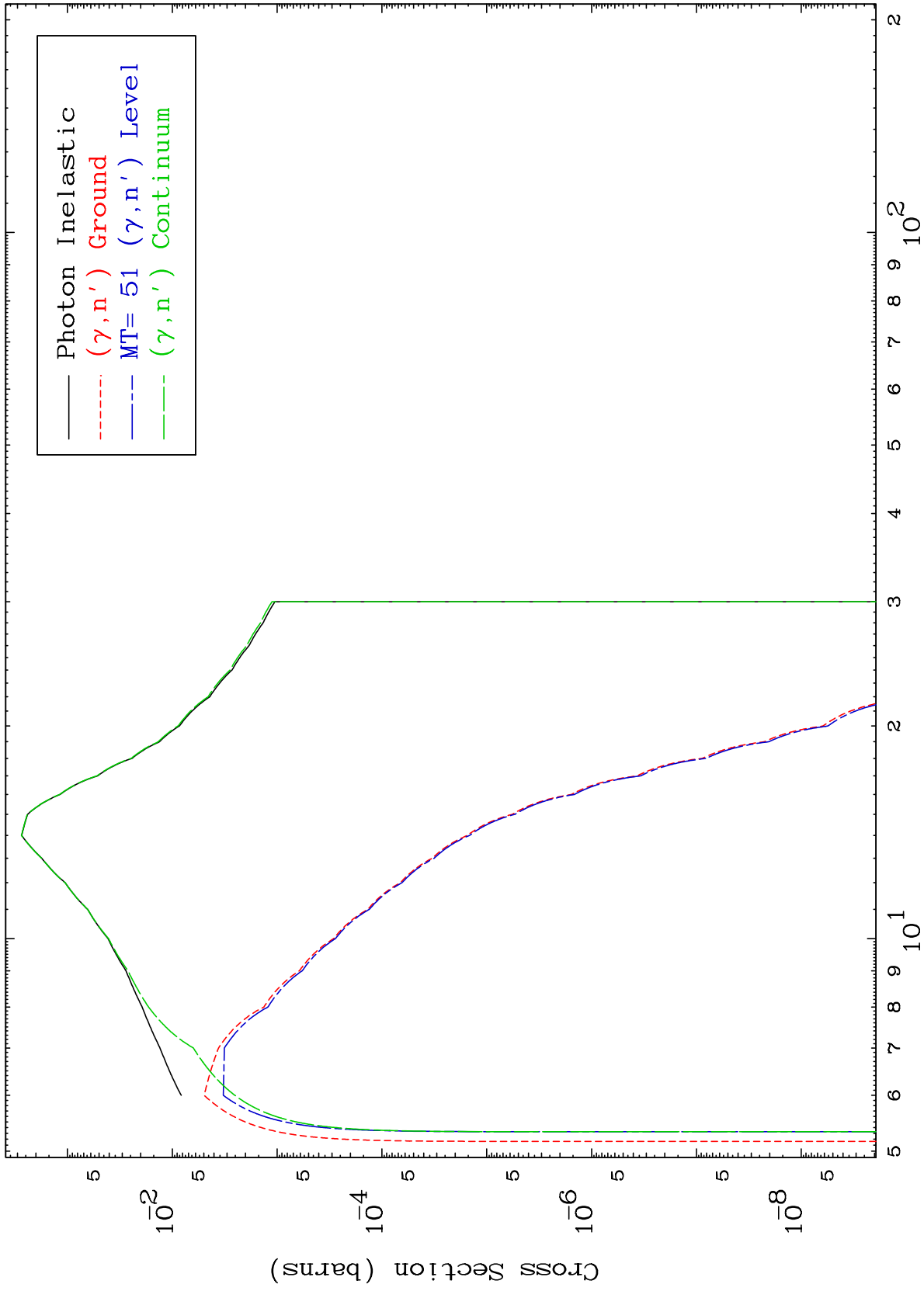
Incident Energy (MeV)

57-La-140

MAT 5731

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

57-La-140



4

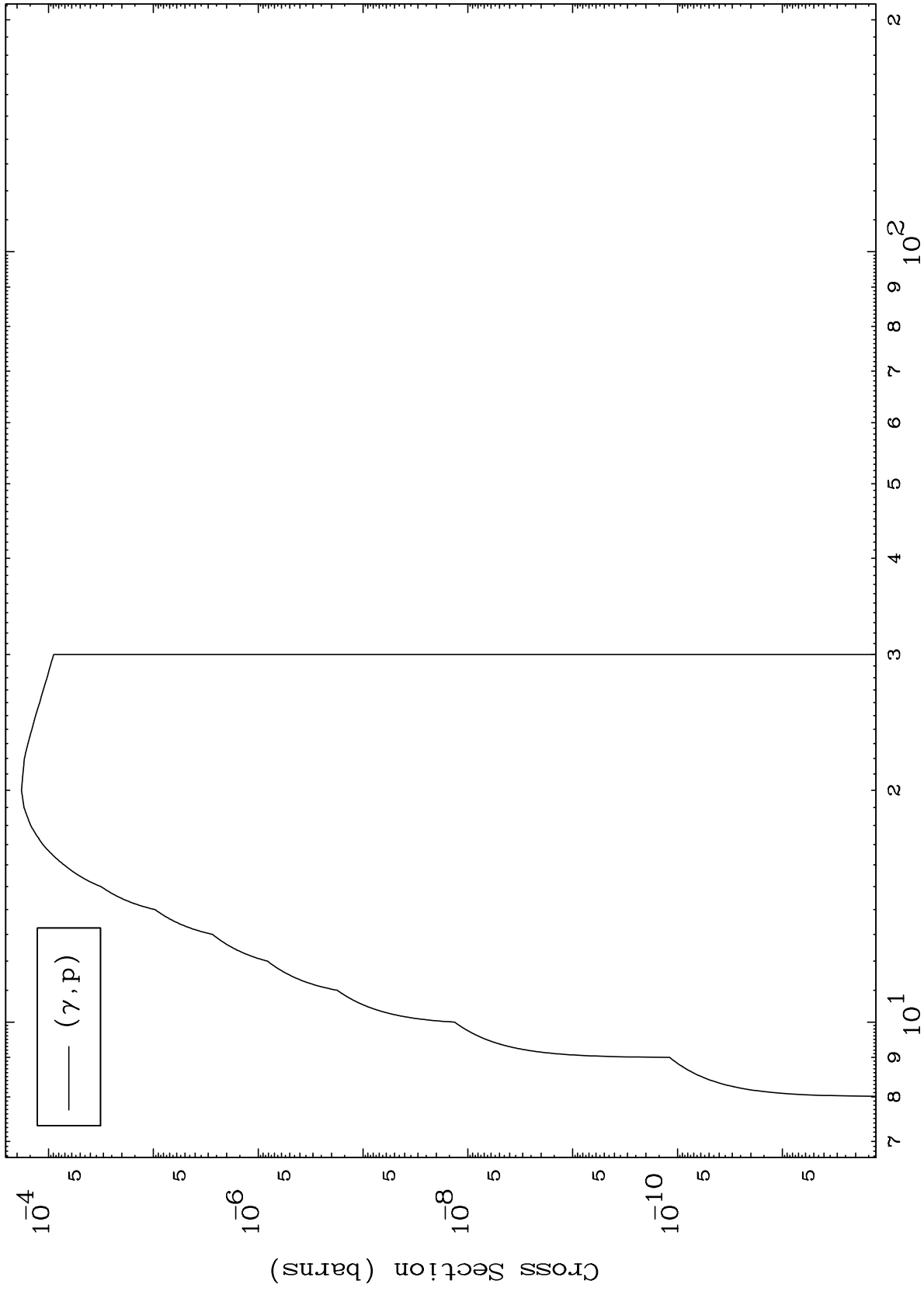
Incident Energy (MeV)

57-La-140

MAT 5731

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

57-La-140



5

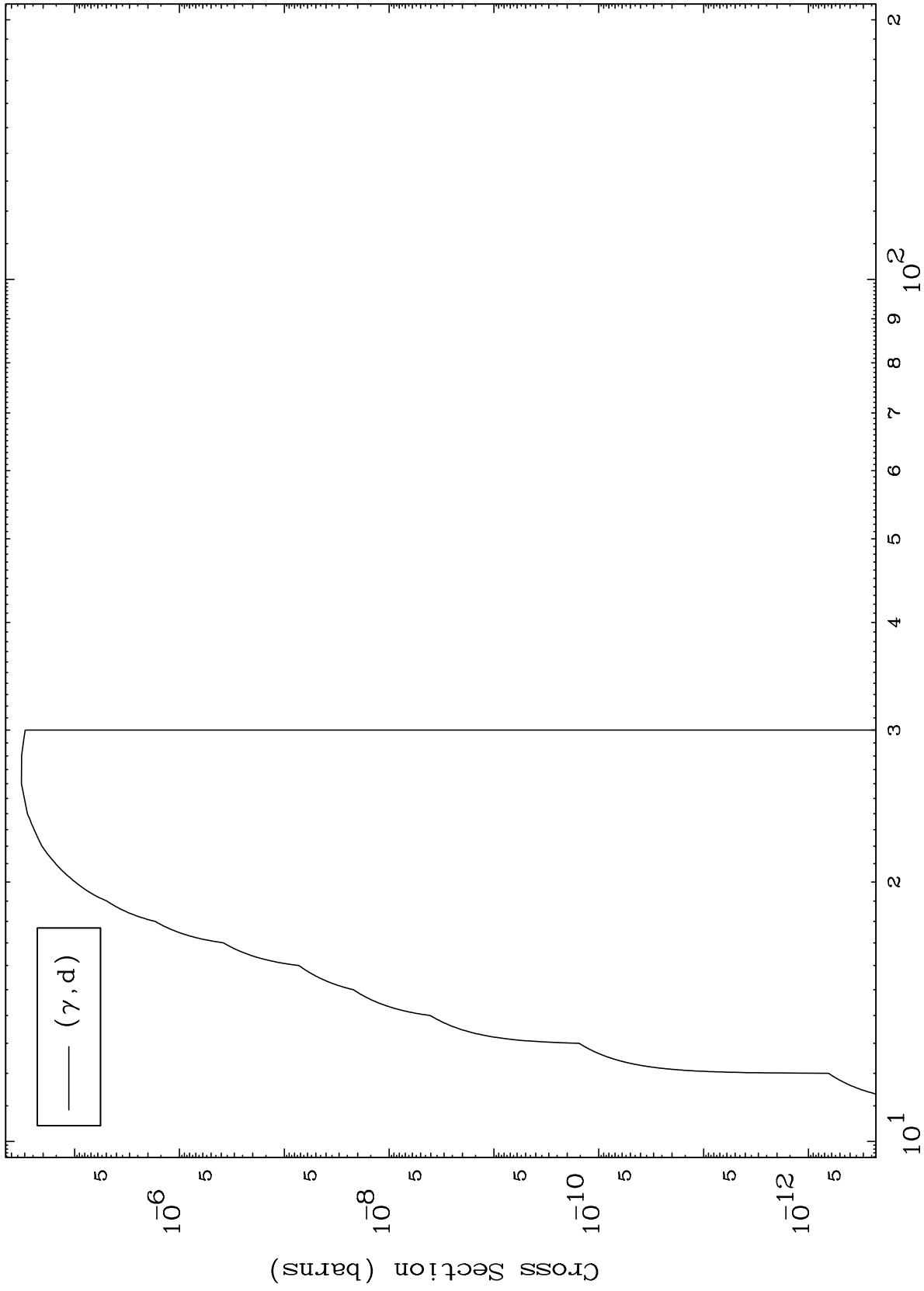
Incident Energy (MeV)

57-La-140

MAT 5731

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

57-La-140



57-La-140

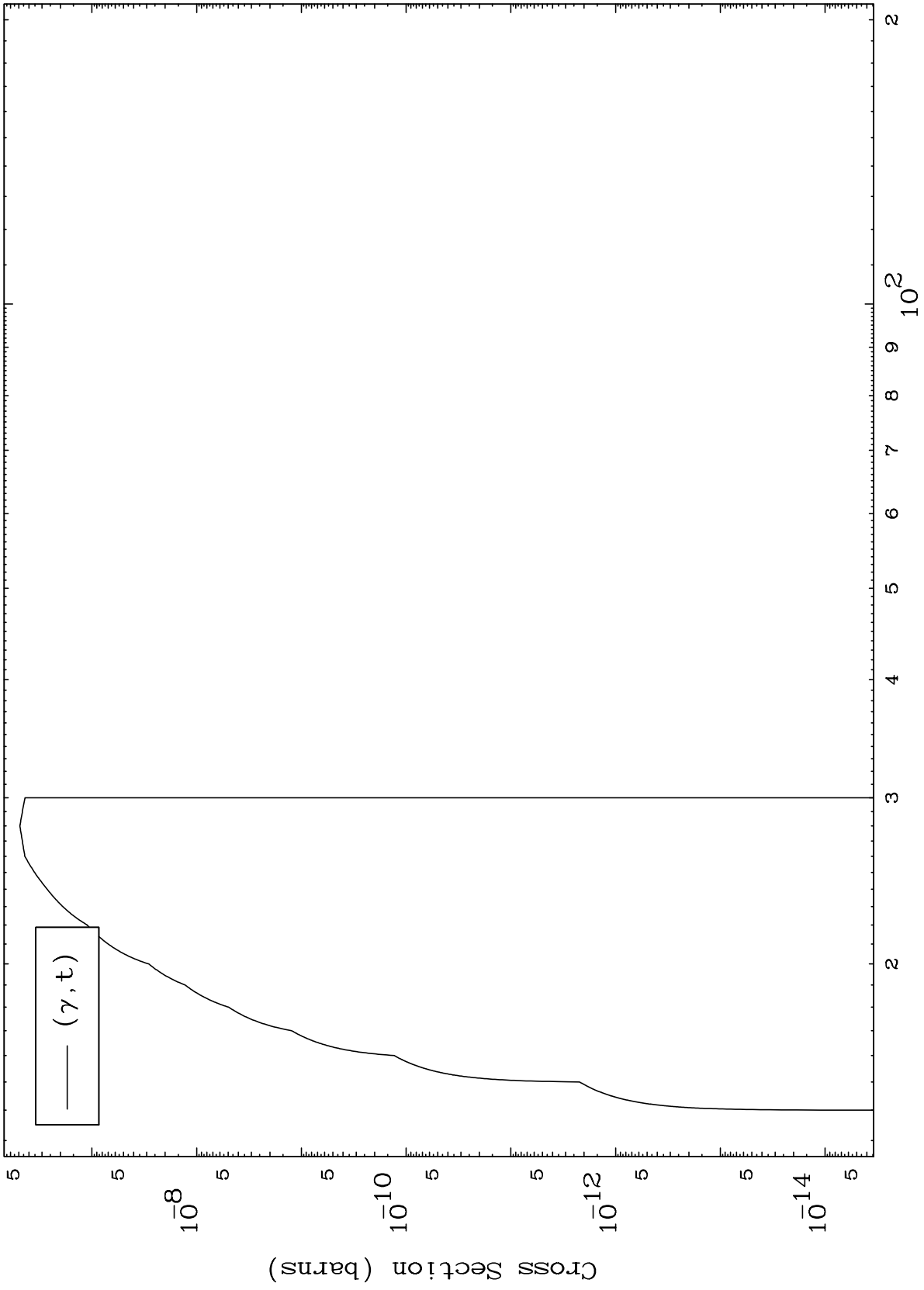
Incident Energy (MeV)

6

MAT 5731

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

57-La-140



7

Incident Energy (MeV)

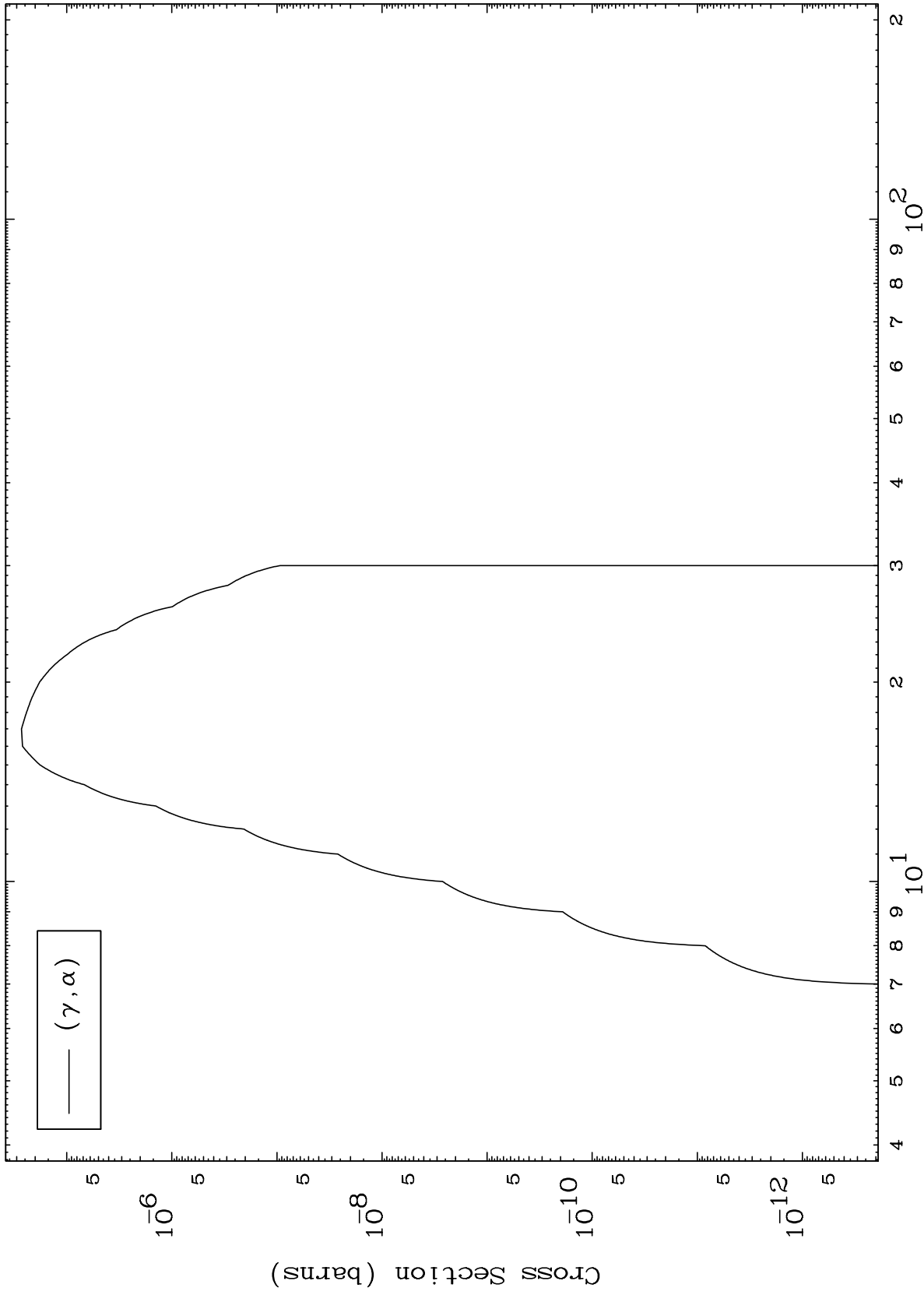
57-La-140



MAT 5731

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

57-La-140



8

Incident Energy (MeV)

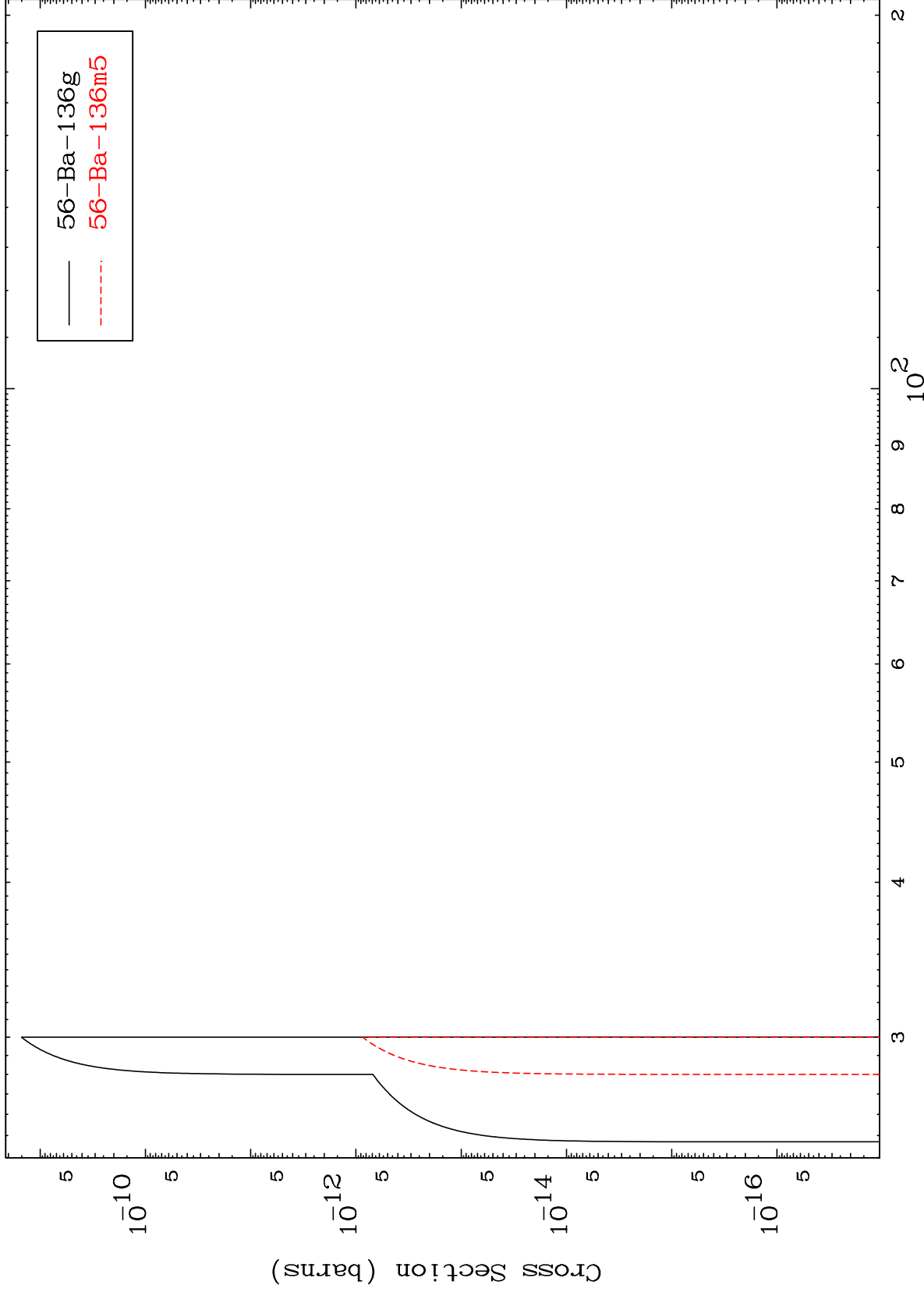
57-La-140

MAT 5731

( $\gamma, 2n$ ) d

57-La-140

Radionuclide Production Cross Section



9

Incident Energy (MeV)

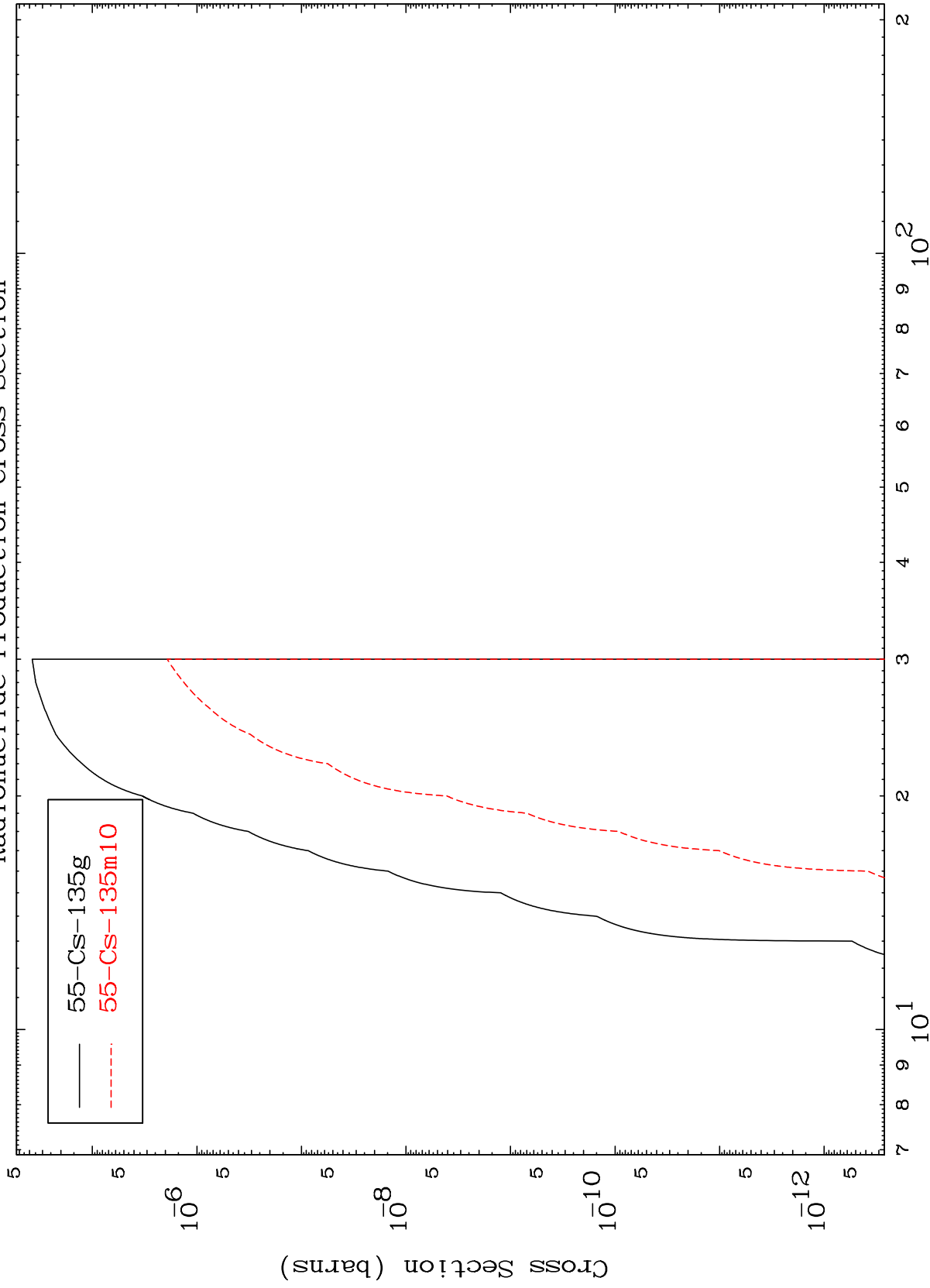
57-La-140

MAT 5731

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

57-La-140

Radionuclide Production Cross Section



10

Incident Energy (MeV)

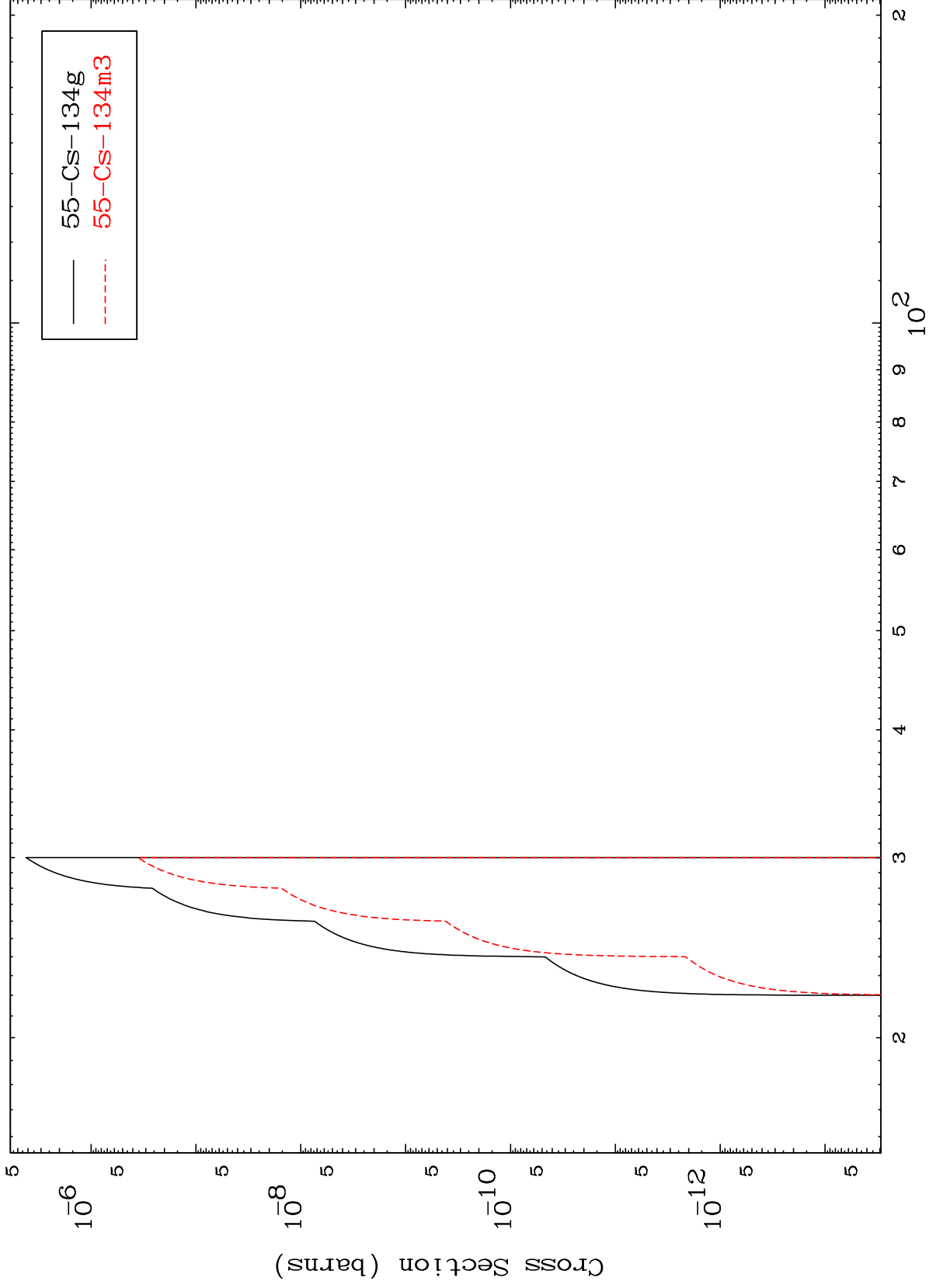
57-La-140

MAT 5731

$(\gamma, 2n) \alpha$

57-La-140

Radionuclide Production Cross Section



11

Incident Energy (MeV)

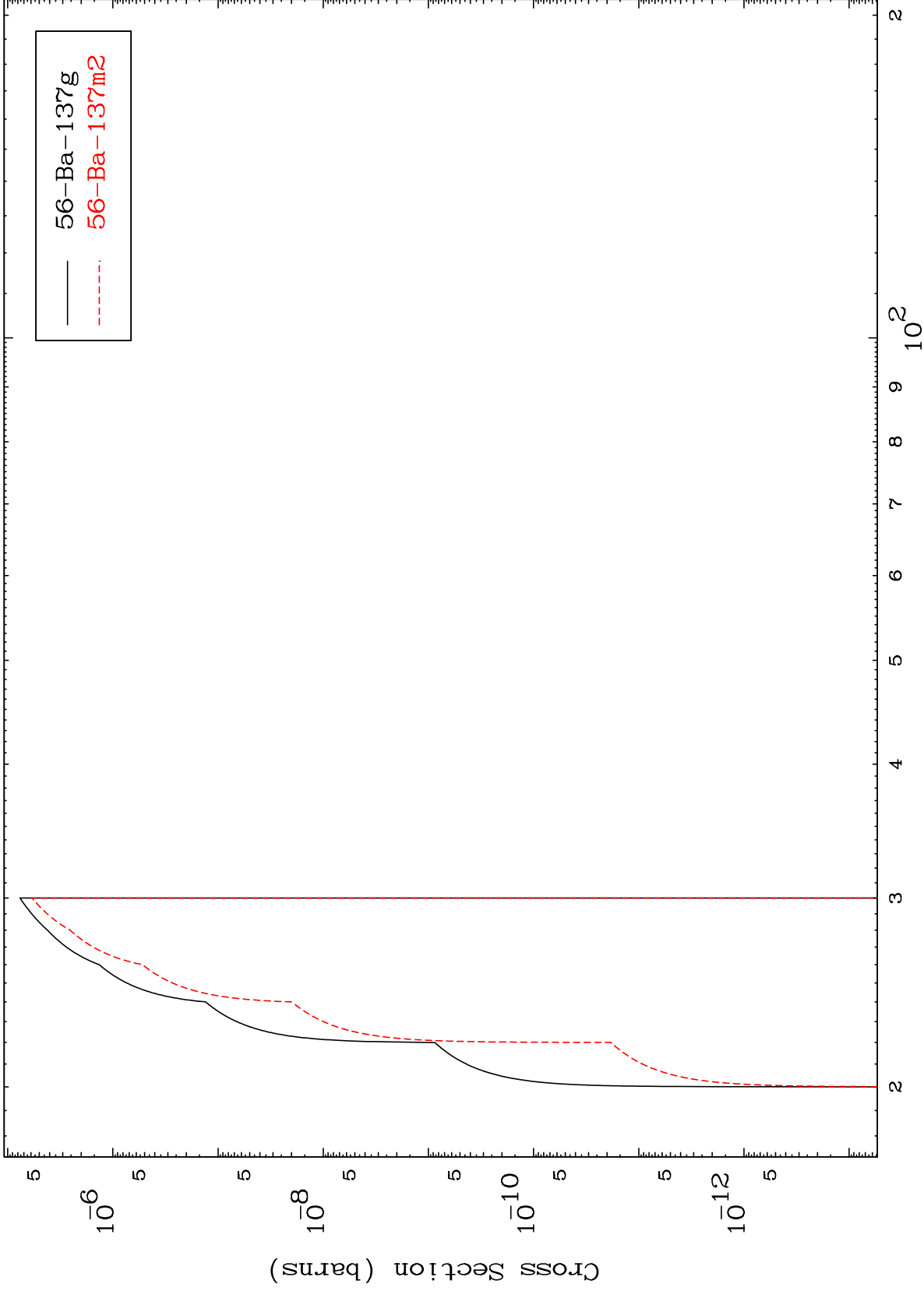
57-La-140

MAT 5731

( $\gamma, n'$ ) d

57-La-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

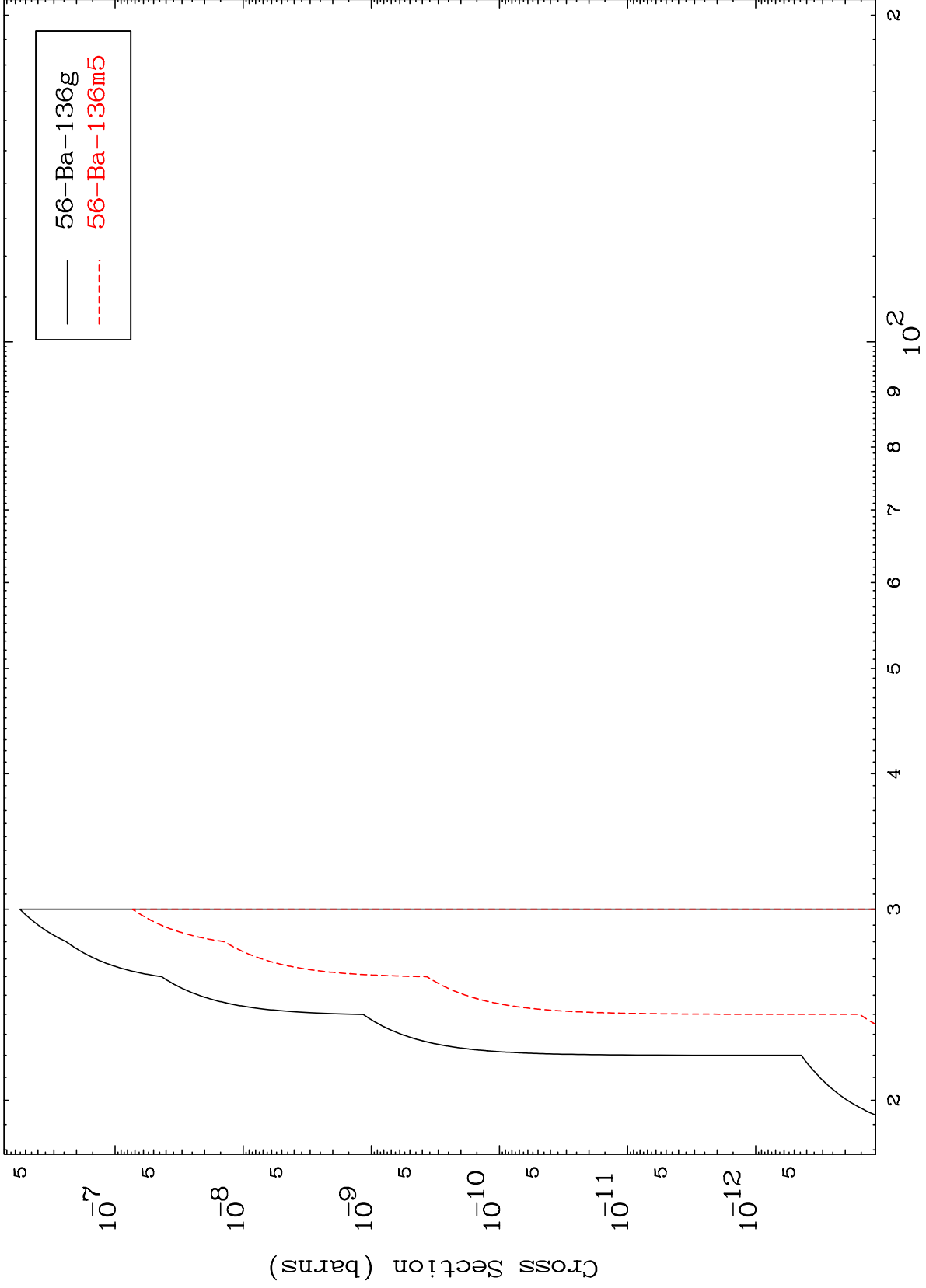
57-La-140

MAT 5731

( $\gamma, n'$ ) t

57-La-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

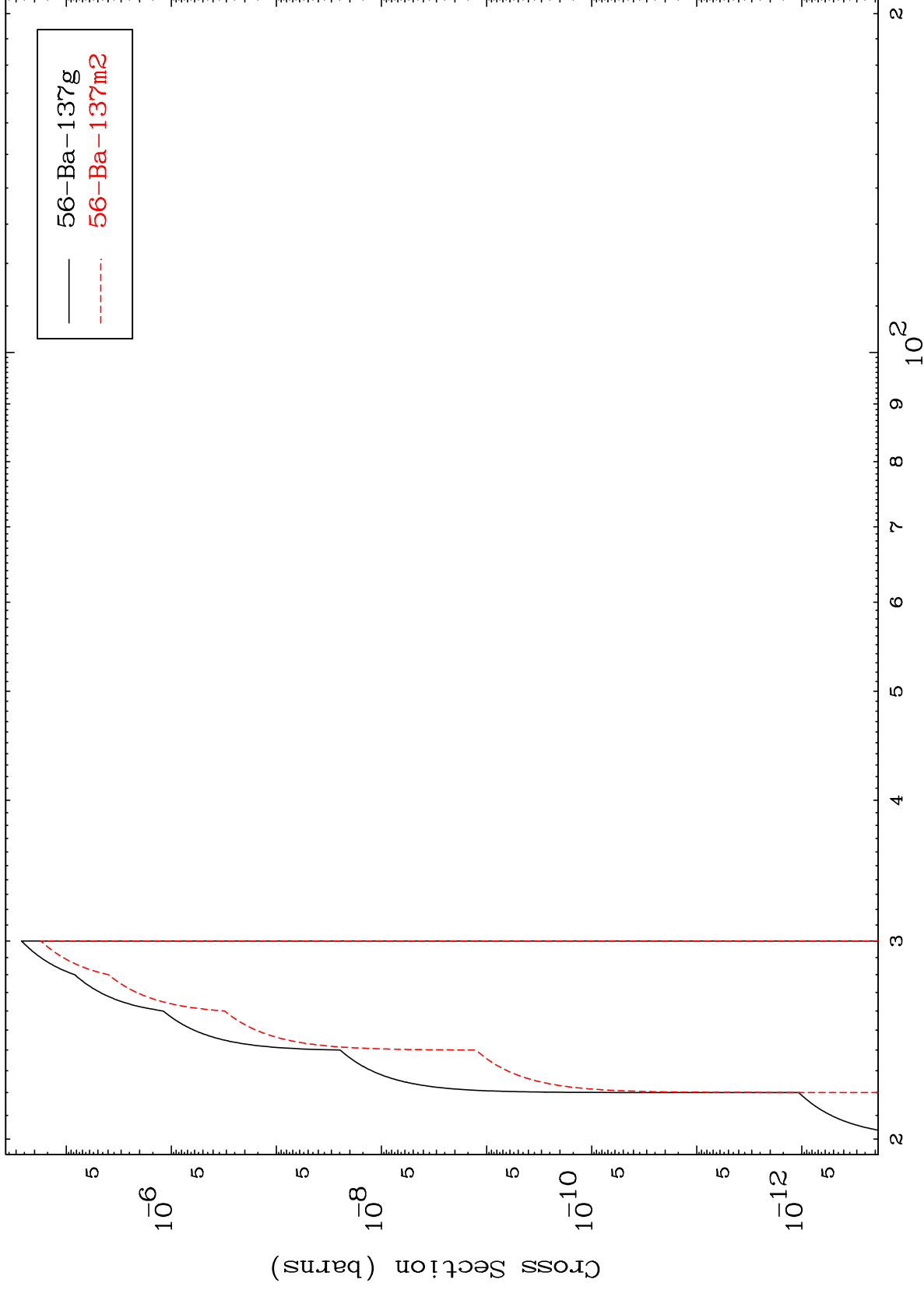
57-La-140

MAT 5731

$(\gamma, 2n)$  p

57-La-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

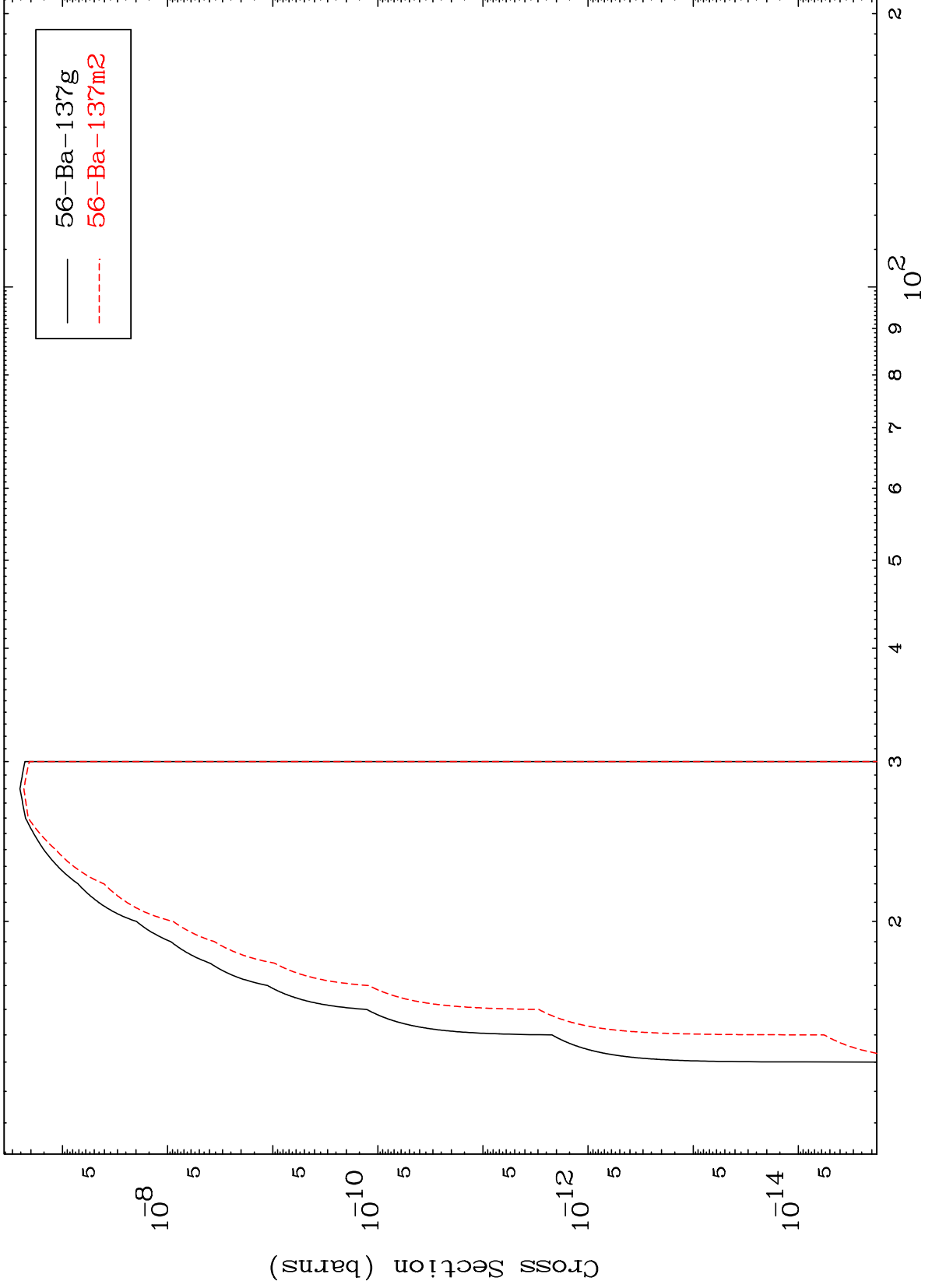
57-La-140

MAT 5731

( $\gamma, t$ )

57-La-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

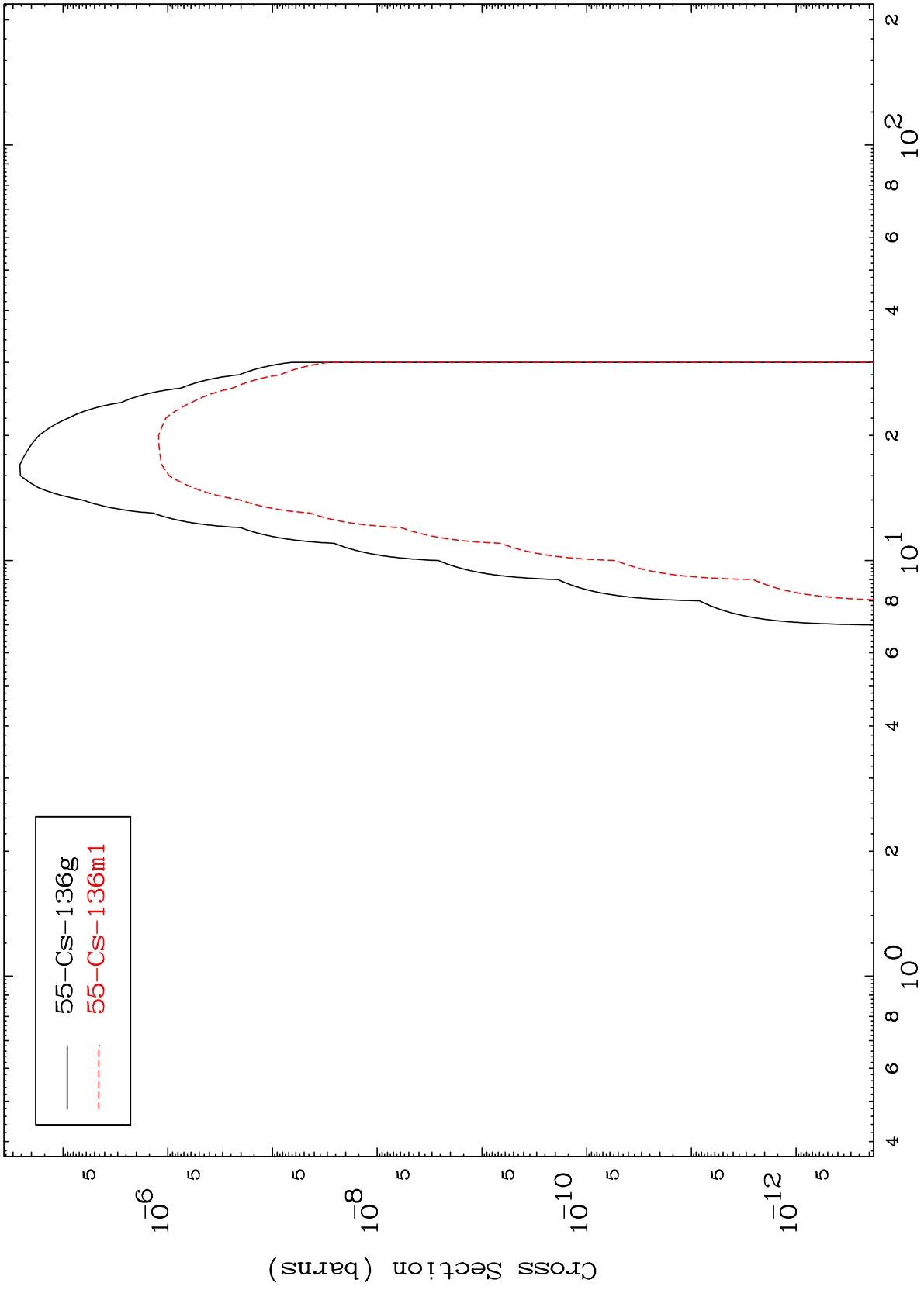
57-La-140



MAT 5731

57-La-140

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



— 55-Cs-136g  
- - - 55-Cs-136m1

16

Incident Energy (MeV)

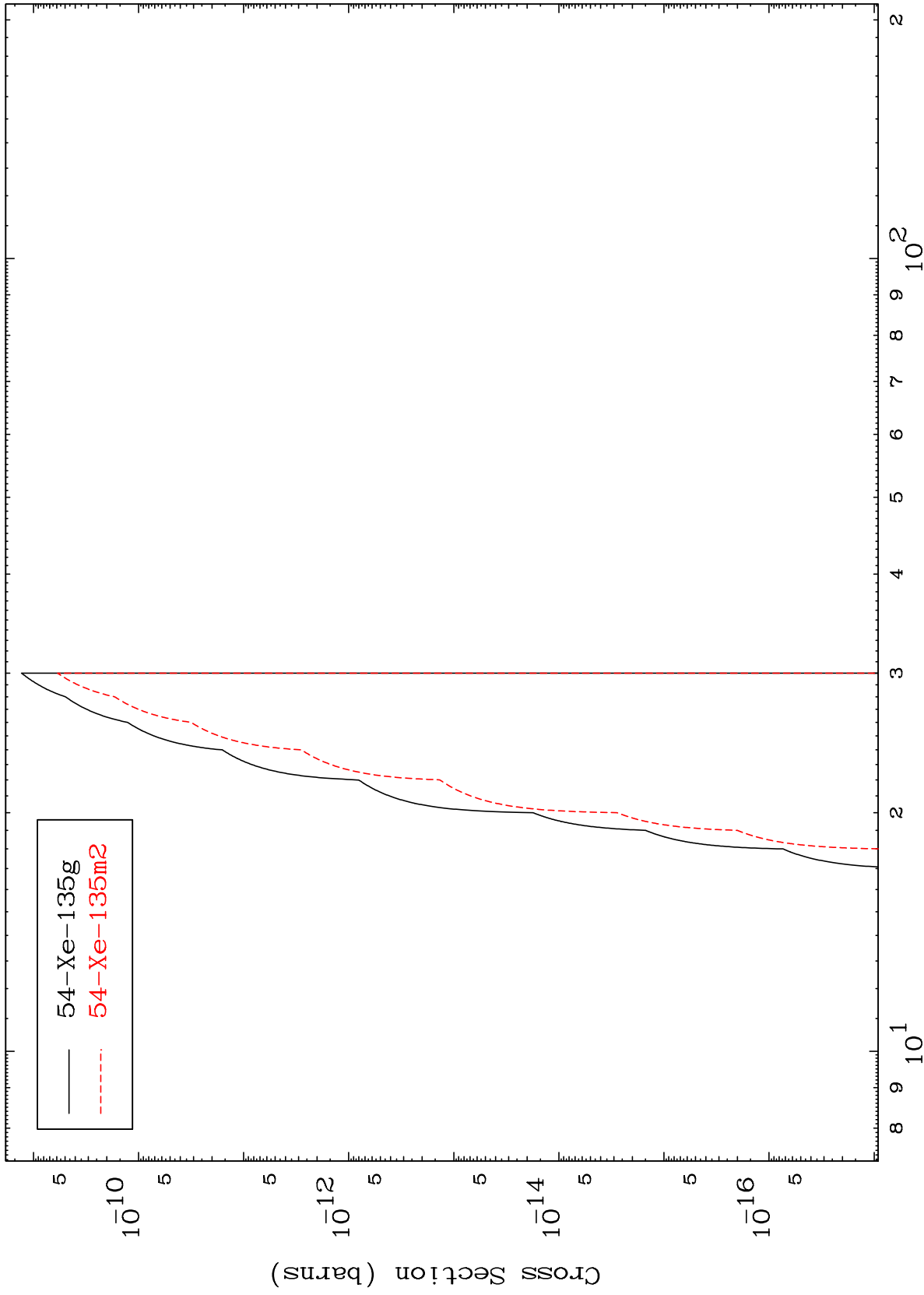
57-La-140

MAT 5731

( $\gamma, p$ )  $\alpha$

57-La-140

Radionuclide Production Cross Section



17