

Program EVALPLOT  
(Version 2018-1)

by

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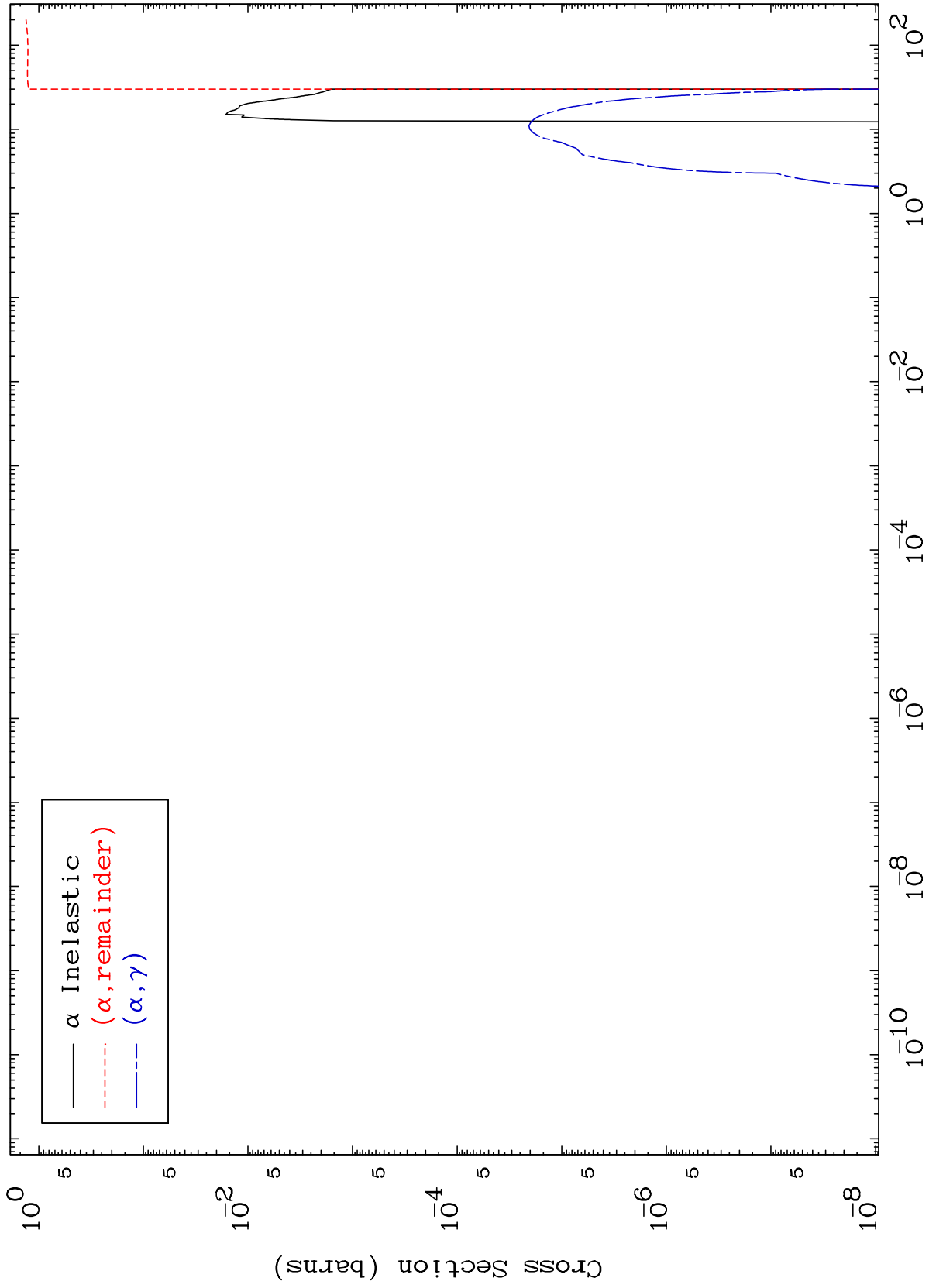
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2025

0 Kelvin  $\alpha$  Major  
Cross Sections

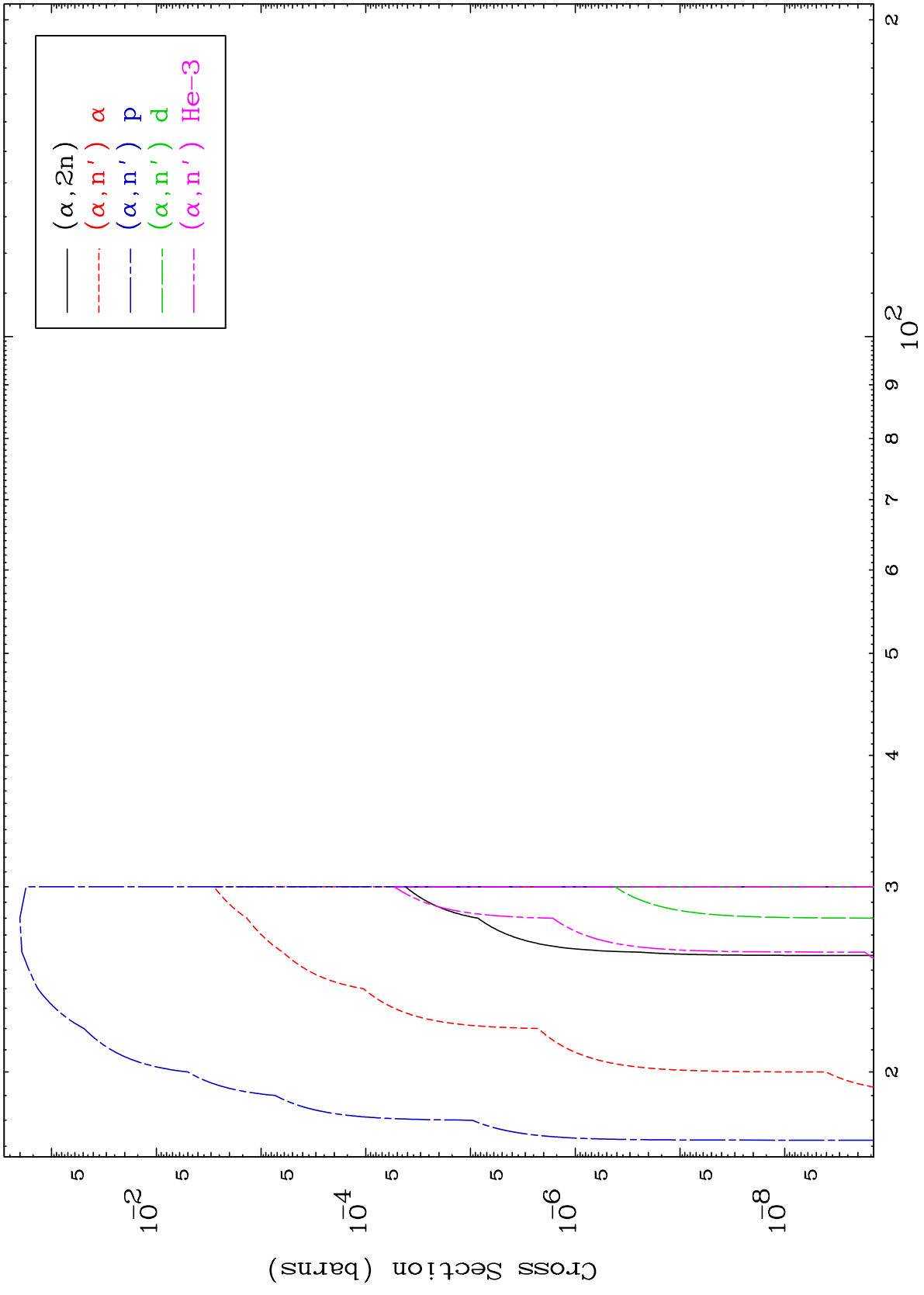
20-Ca-40



MAT 2025

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

20-Ca-40



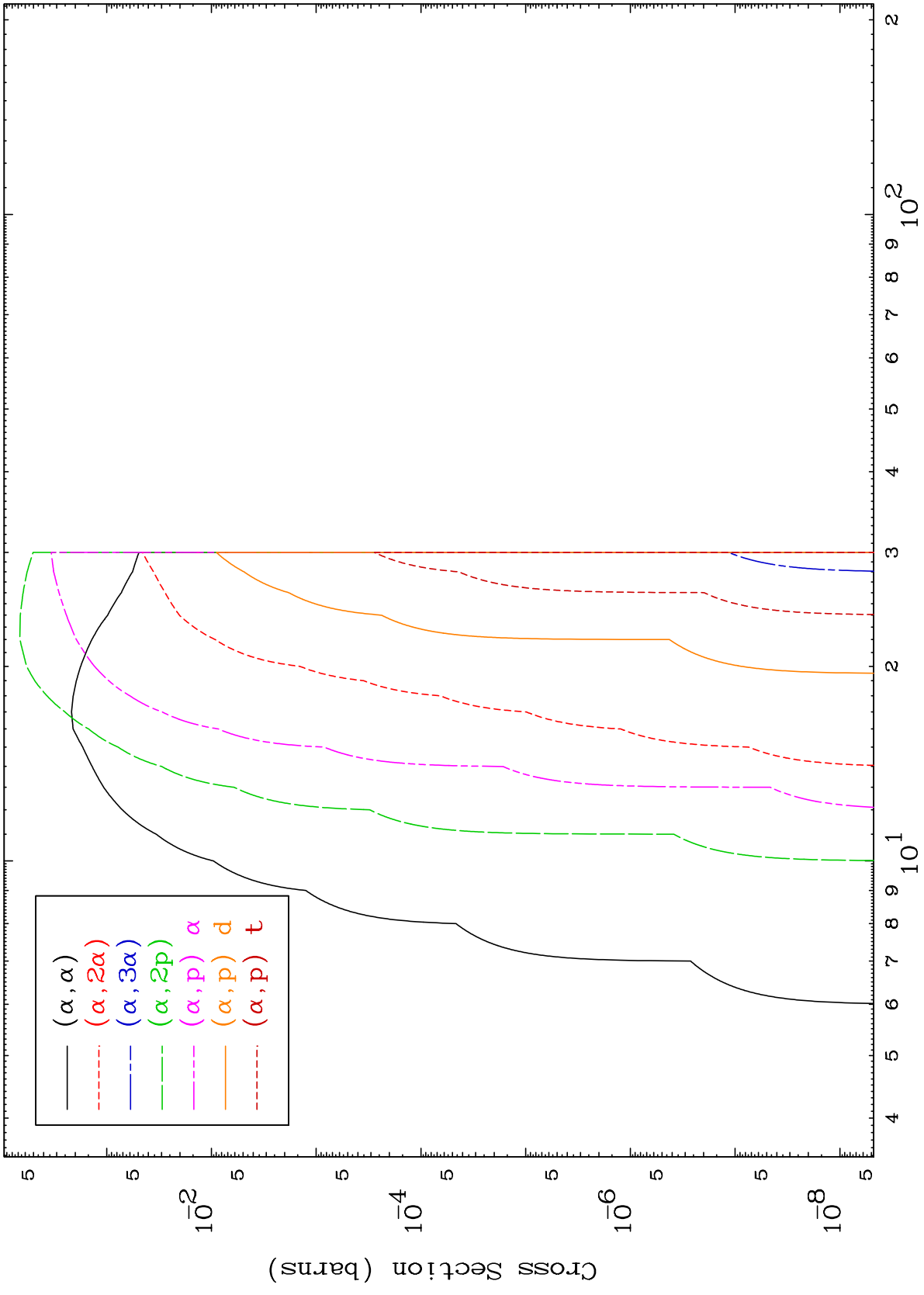
2

Incident Energy (MeV)

20-Ca-40



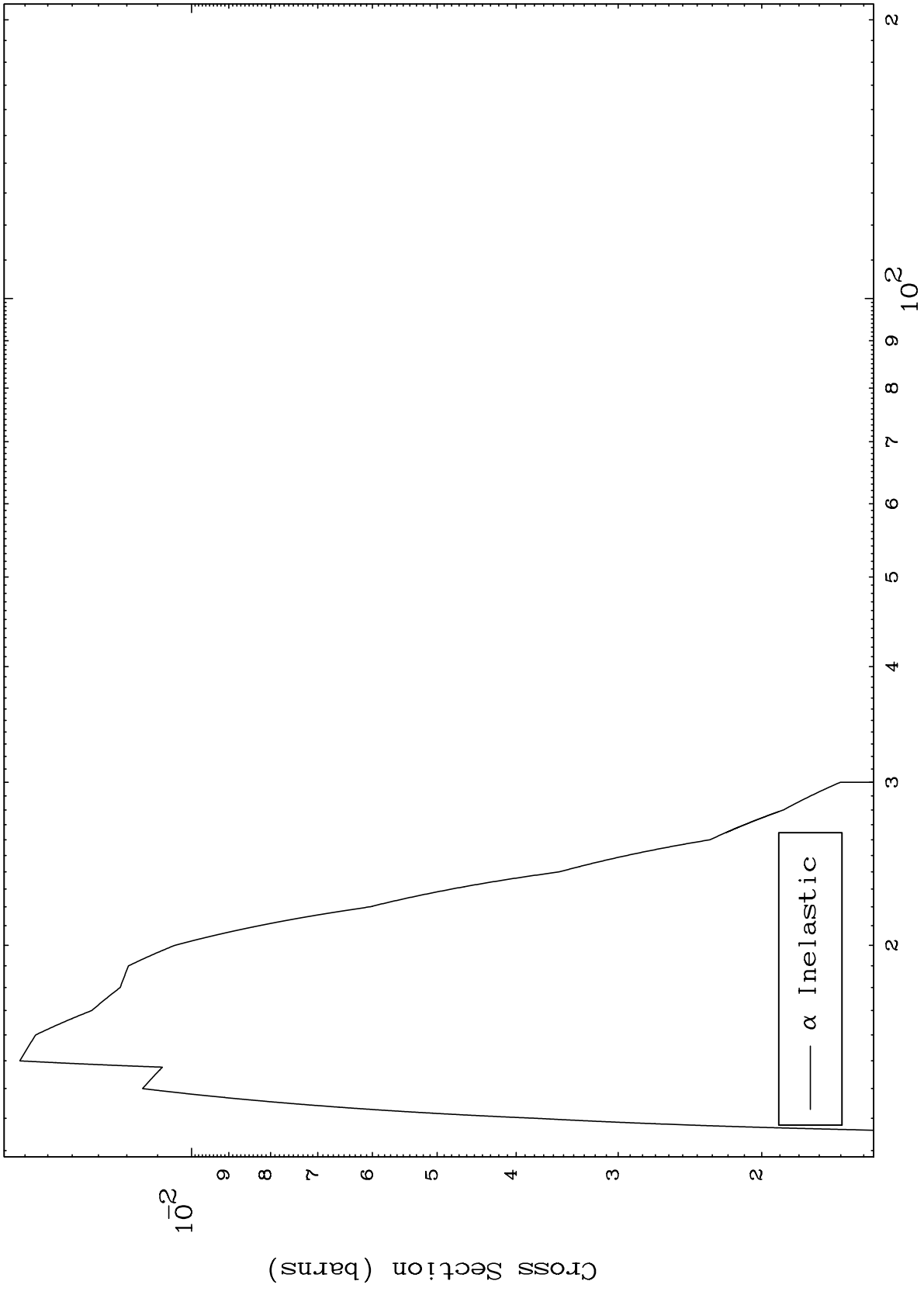
$\alpha$  Charged Particle  
0 Kelvin Cross Sections



MAT 2025

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

20-Ca-40



5

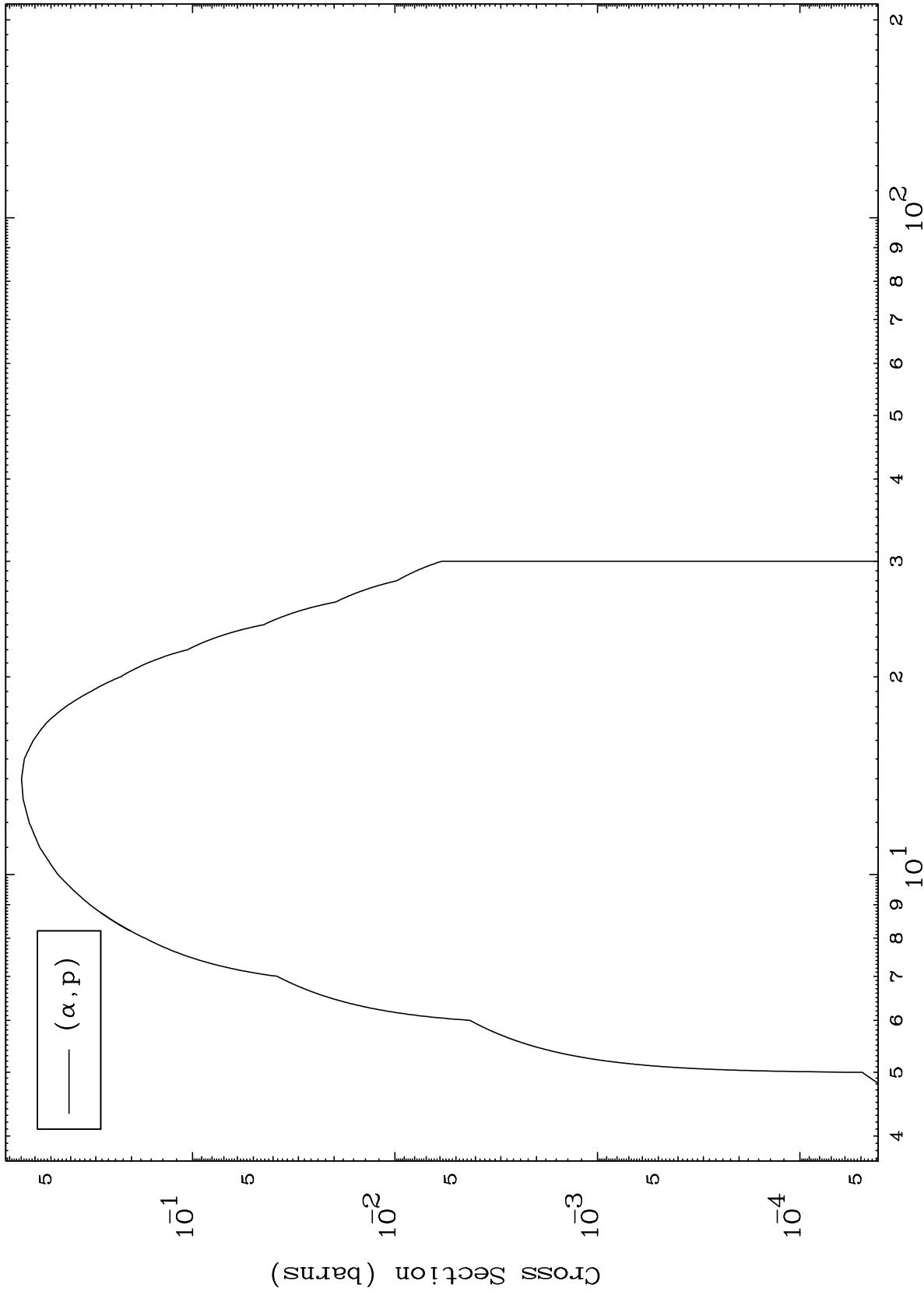
Incident Energy (MeV)

20-Ca-40

MAT 2025

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

20-Ca-40



6

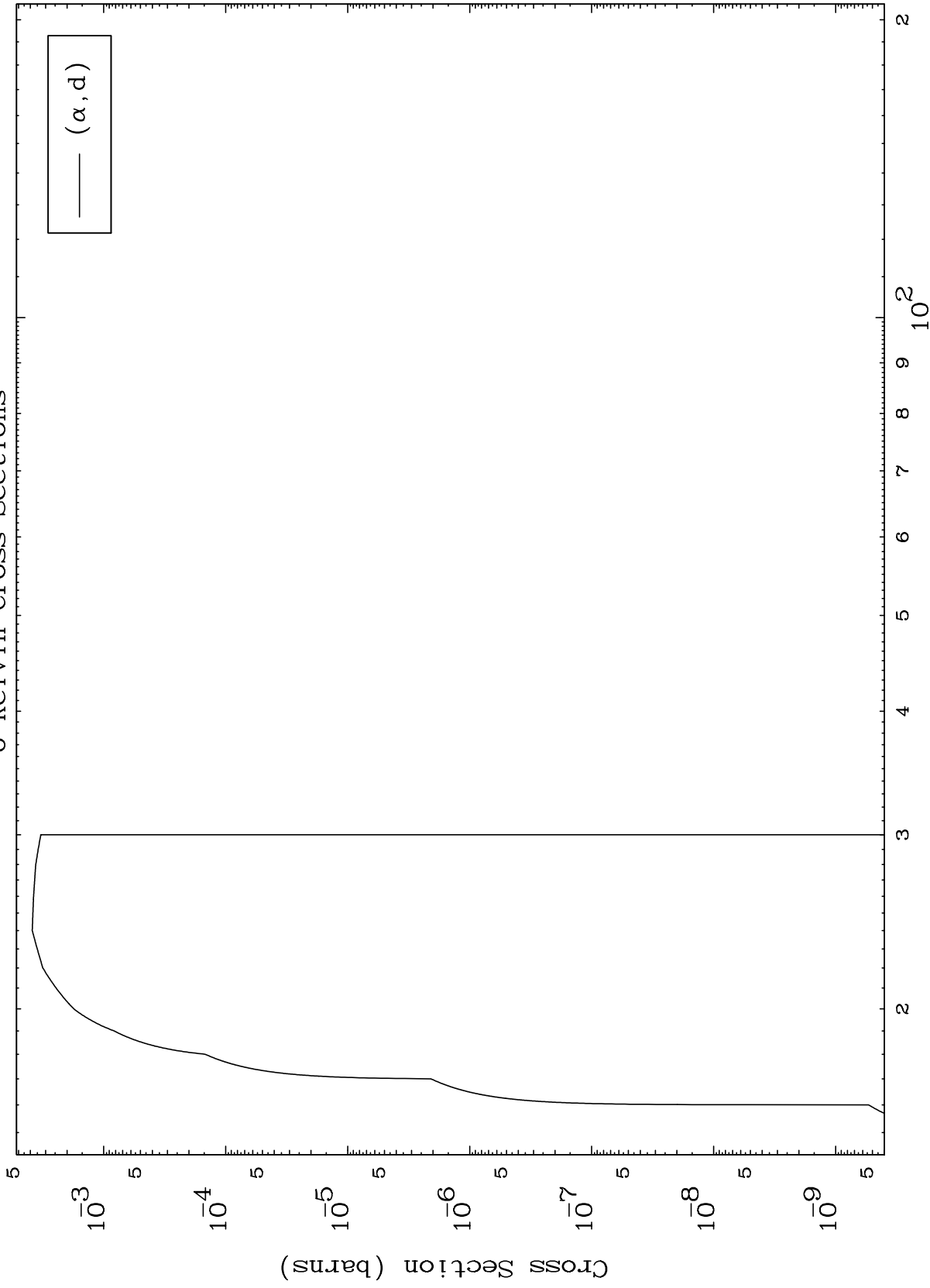
Incident Energy (MeV)

20-Ca-40

MAT 2025

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

20-Ca-40



7

Incident Energy (MeV)

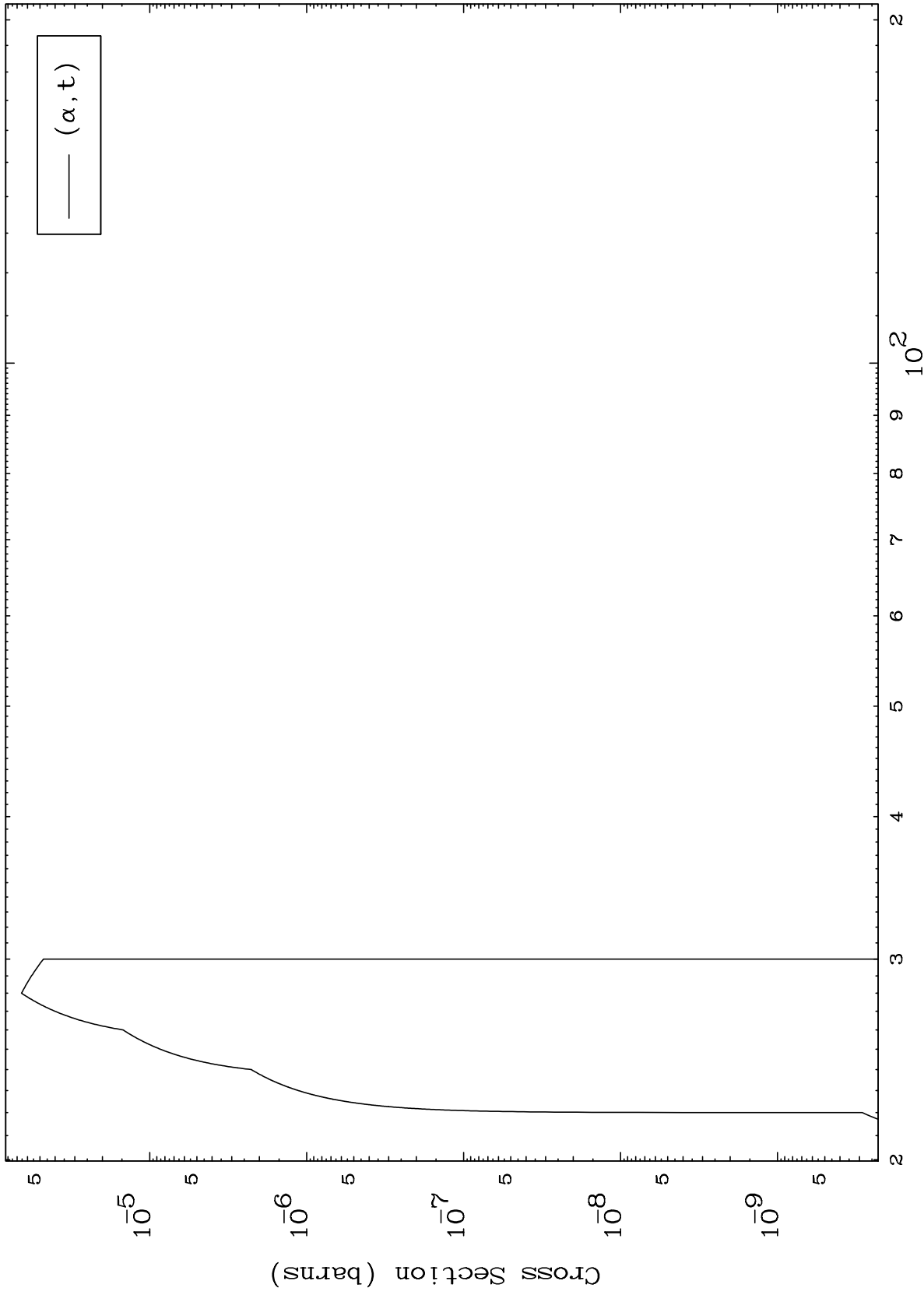
20-Ca-40



MAT 2025

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

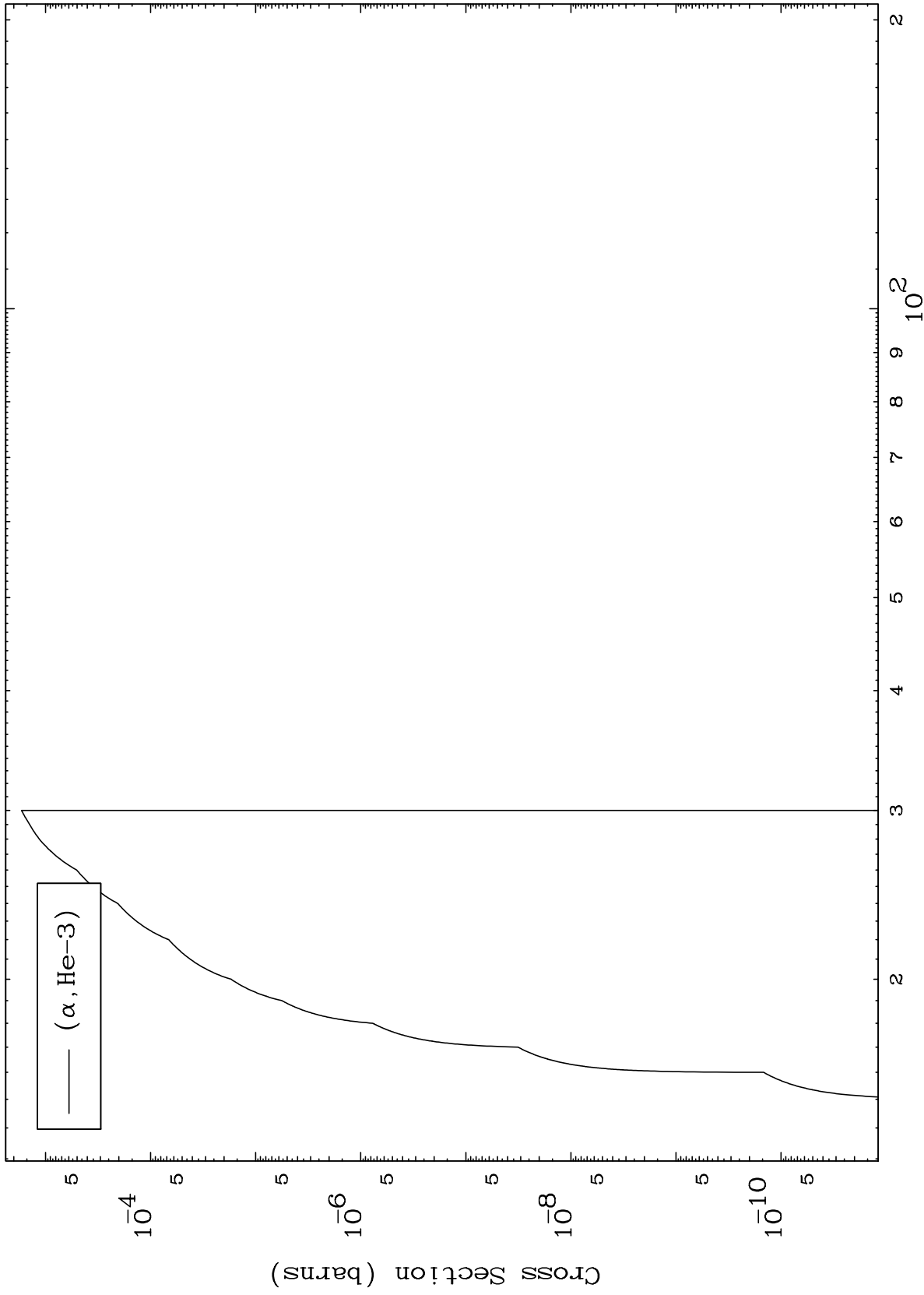
20-Ca-40



8

Incident Energy (MeV)

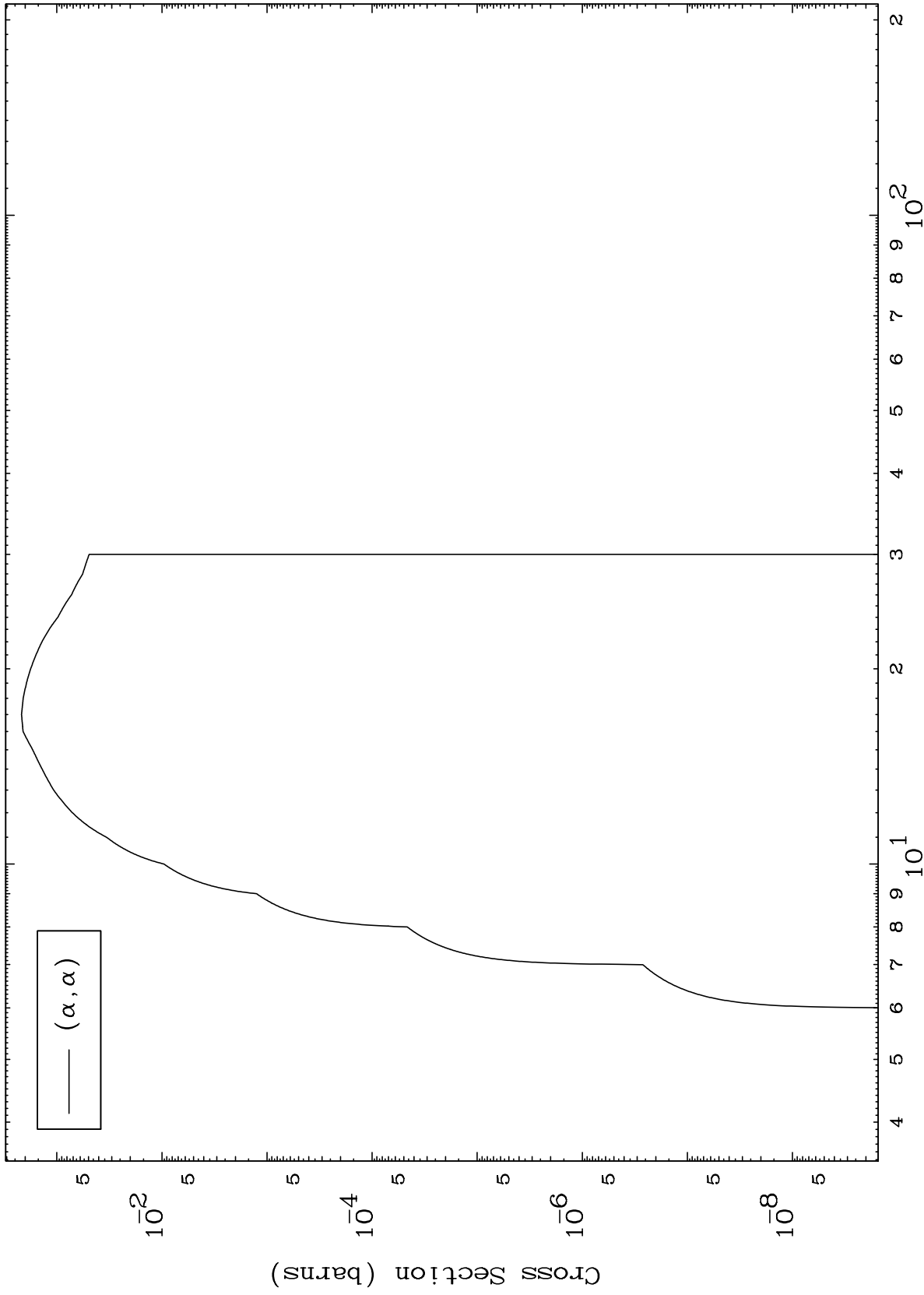
20-Ca-40



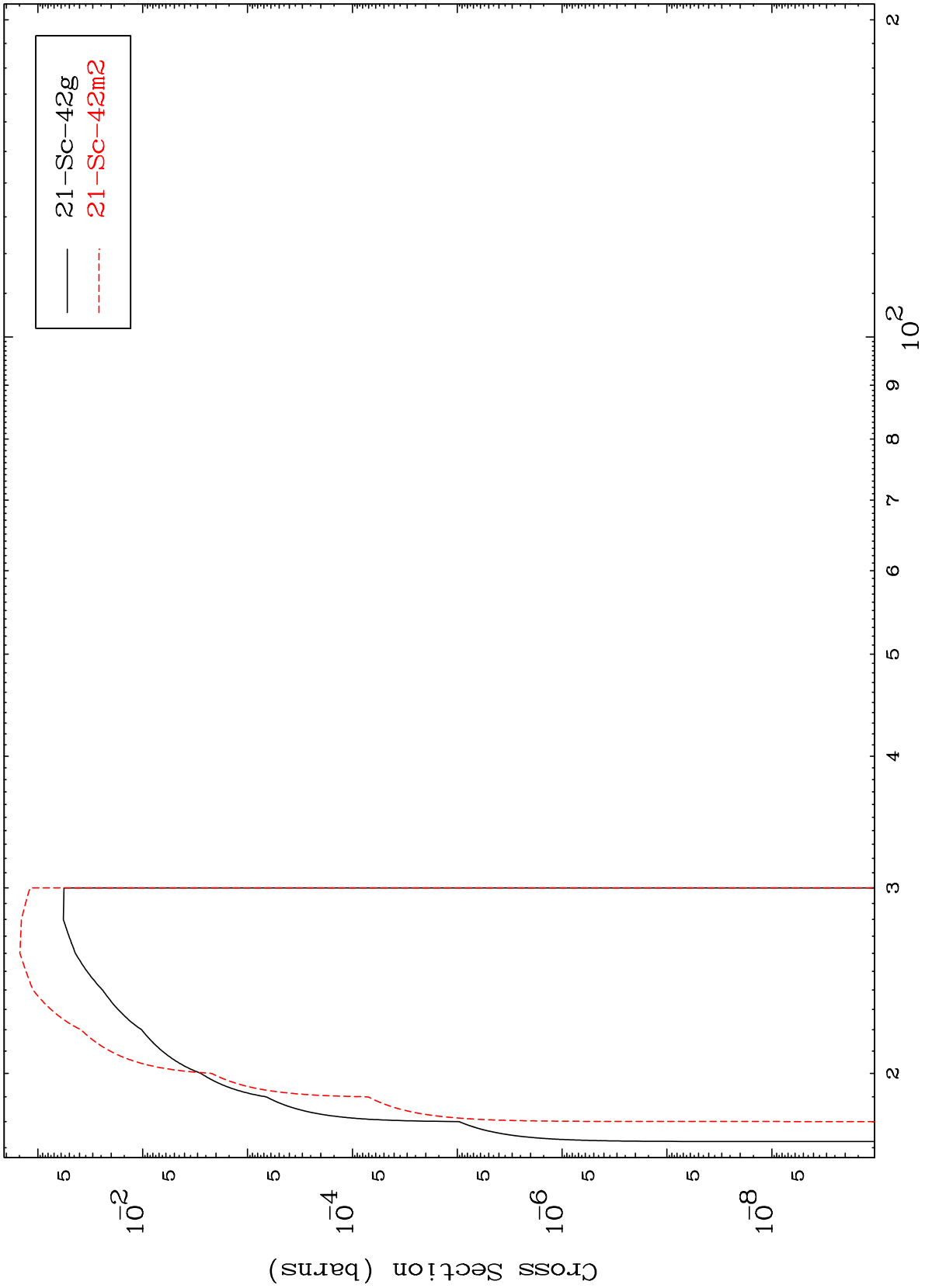
MAT 2025

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

20-Ca-40



Radionuclide Production Cross Section

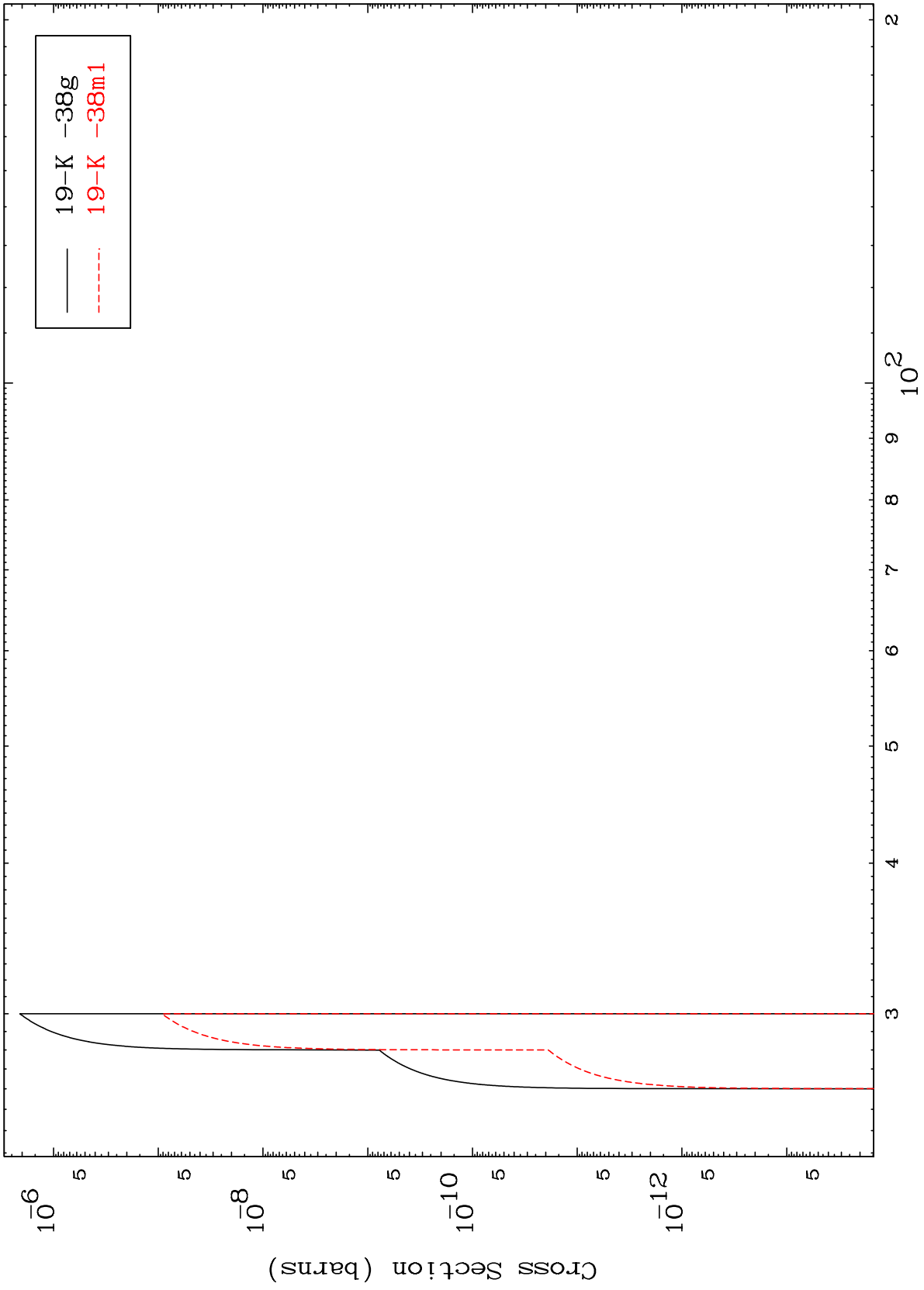


MAT 2025

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

20-Ca-40

Radionuclide Production Cross Section



12

Incident Energy (MeV)

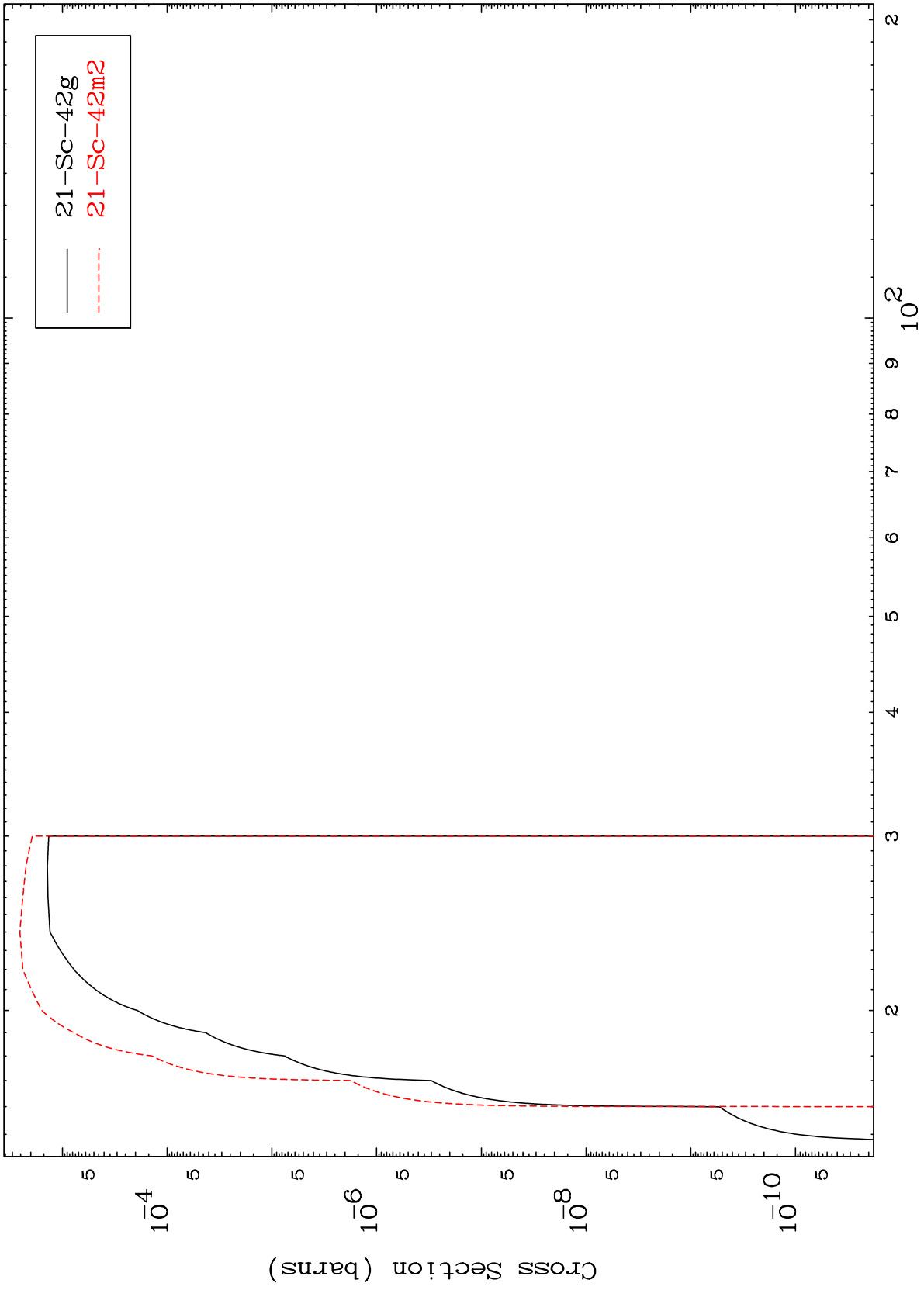
20-Ca-40

MAT 2025

( $\alpha, d$ )

20-Ca-40

Radionuclide Production Cross Section



13

Incident Energy (MeV)

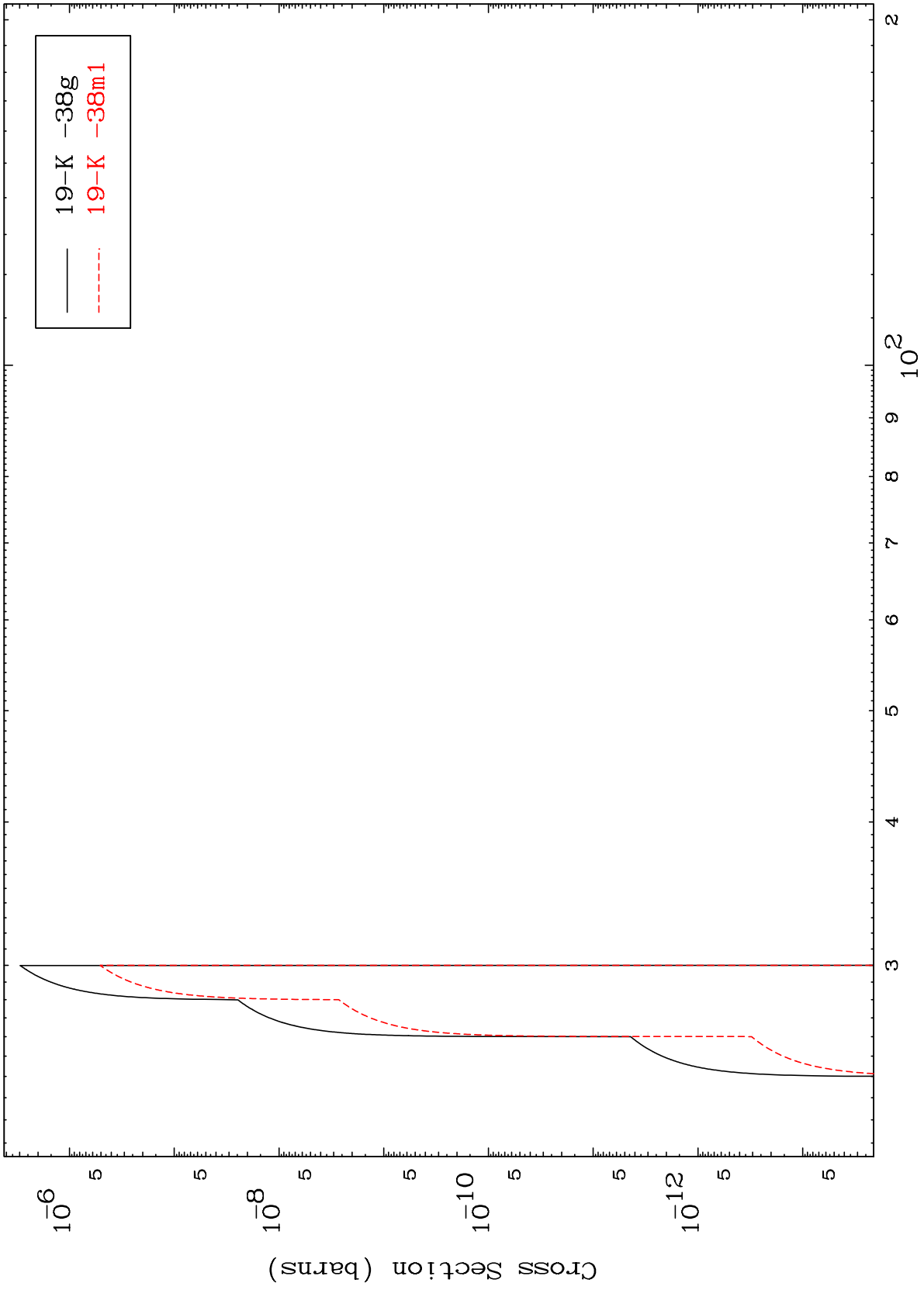
20-Ca-40

MAT 2025

( $\alpha, d$ )  $\alpha$

20-Ca-40

Radionuclide Production Cross Section



14

Incident Energy (MeV)

20-Ca-40