

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

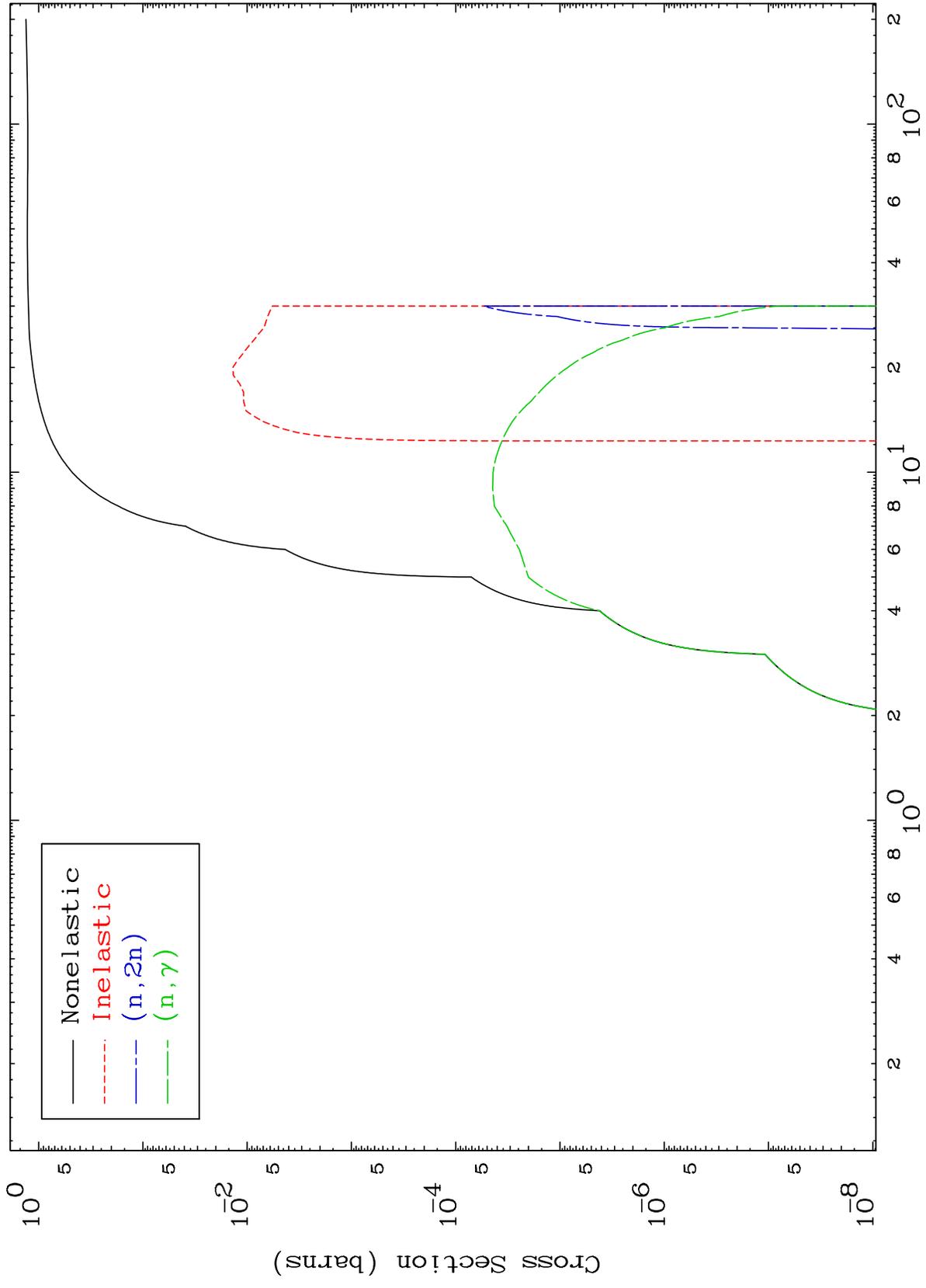
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

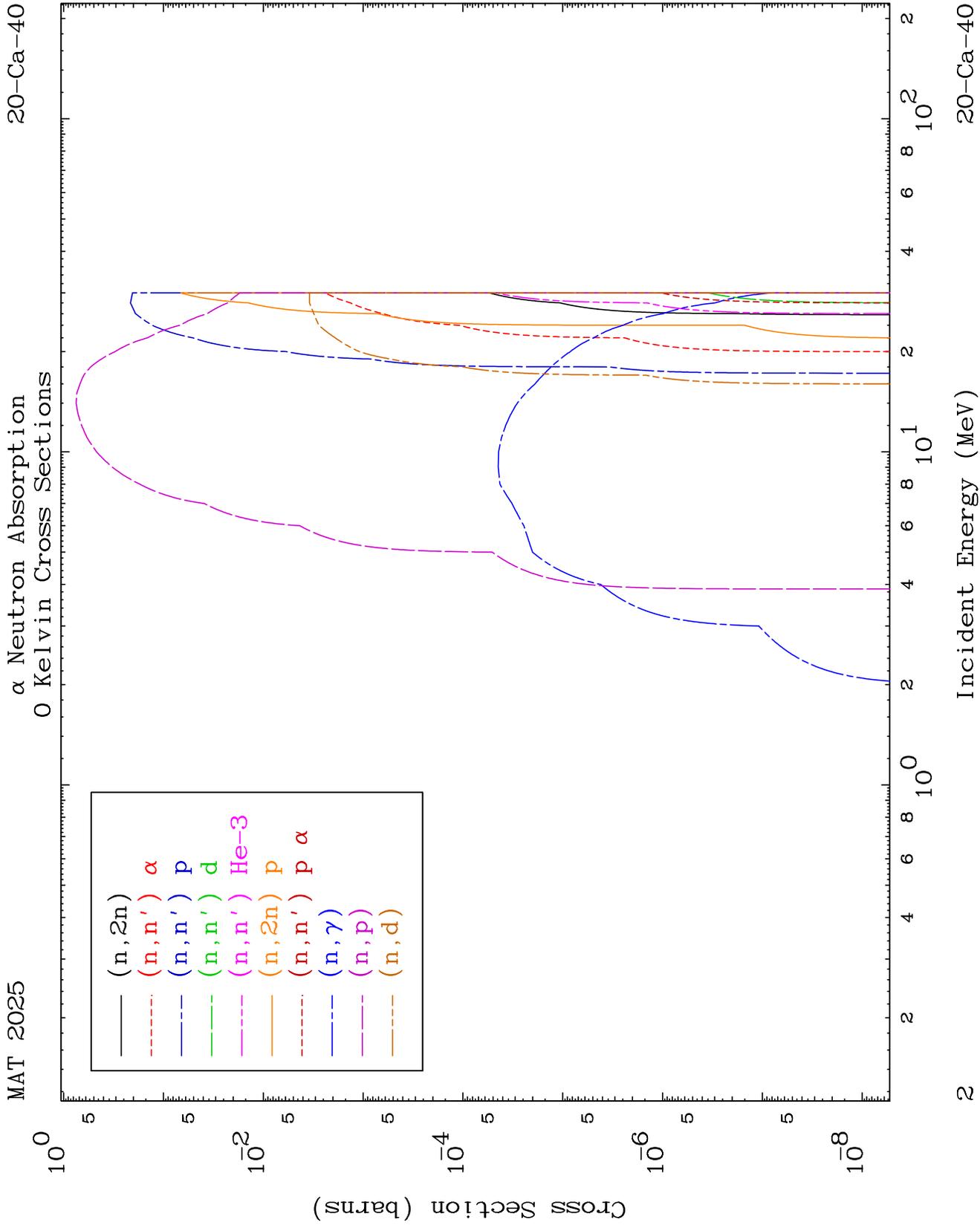
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

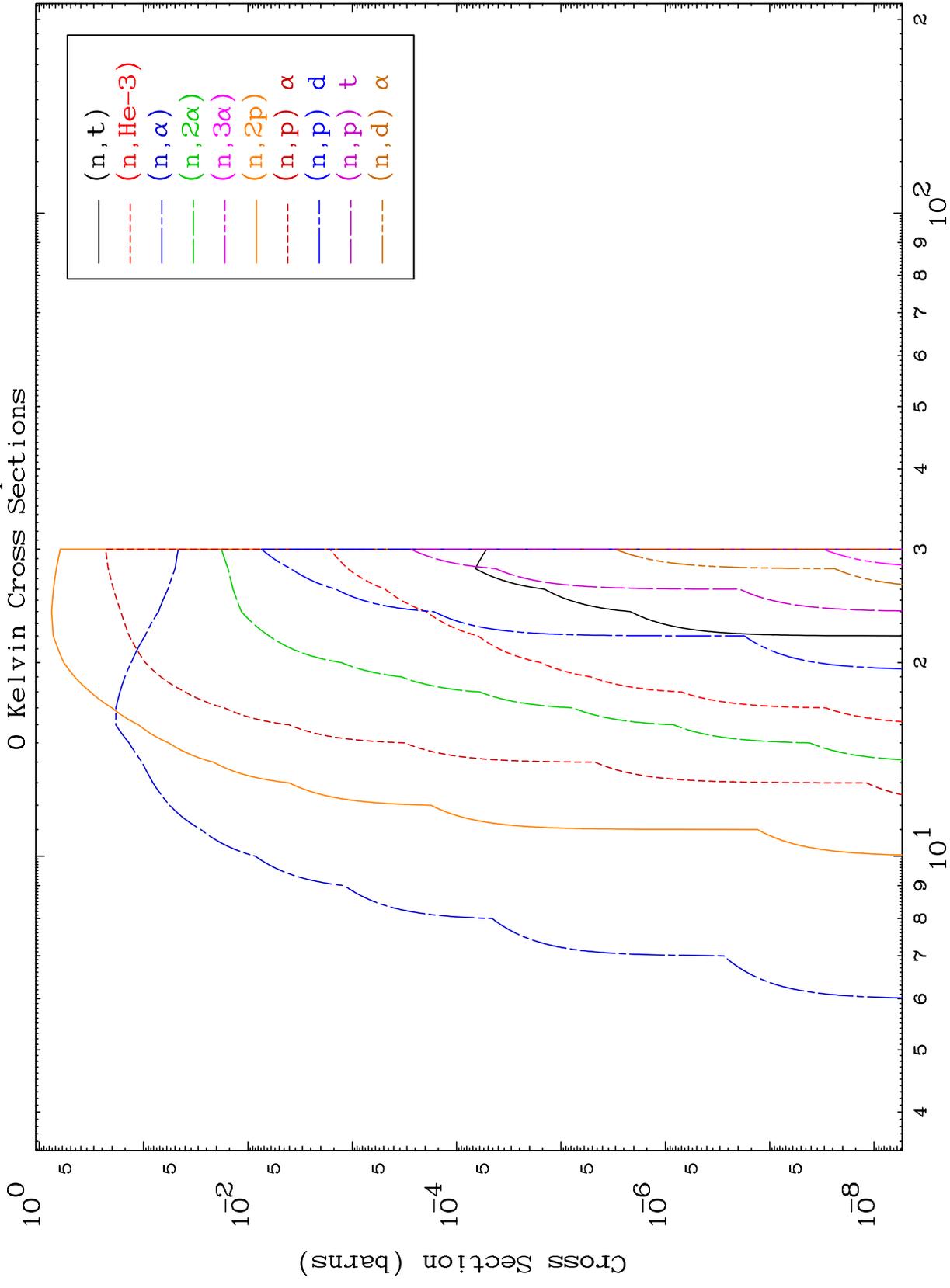




MAT 2025

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

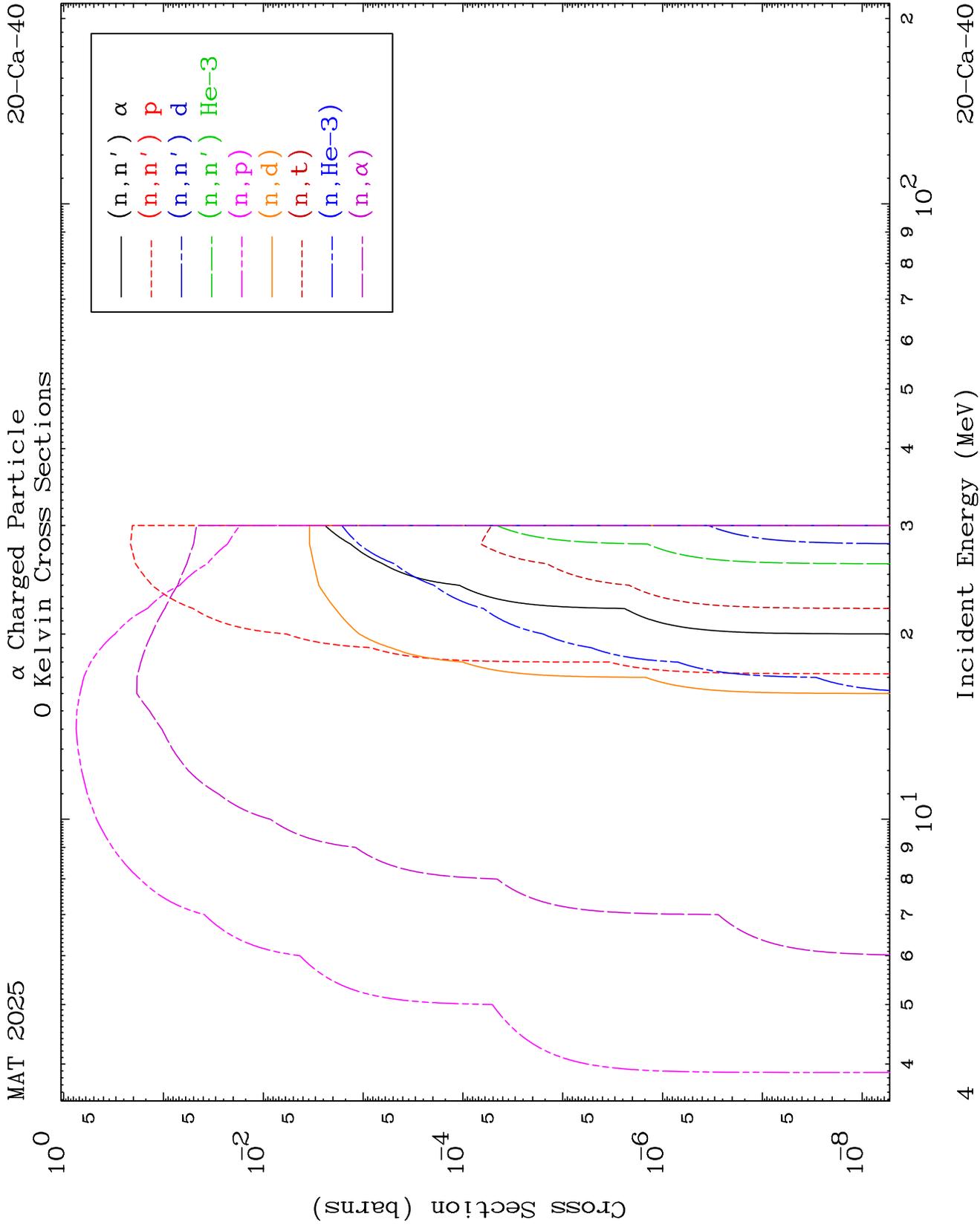
20-Ca-40



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Incident Energy (MeV)

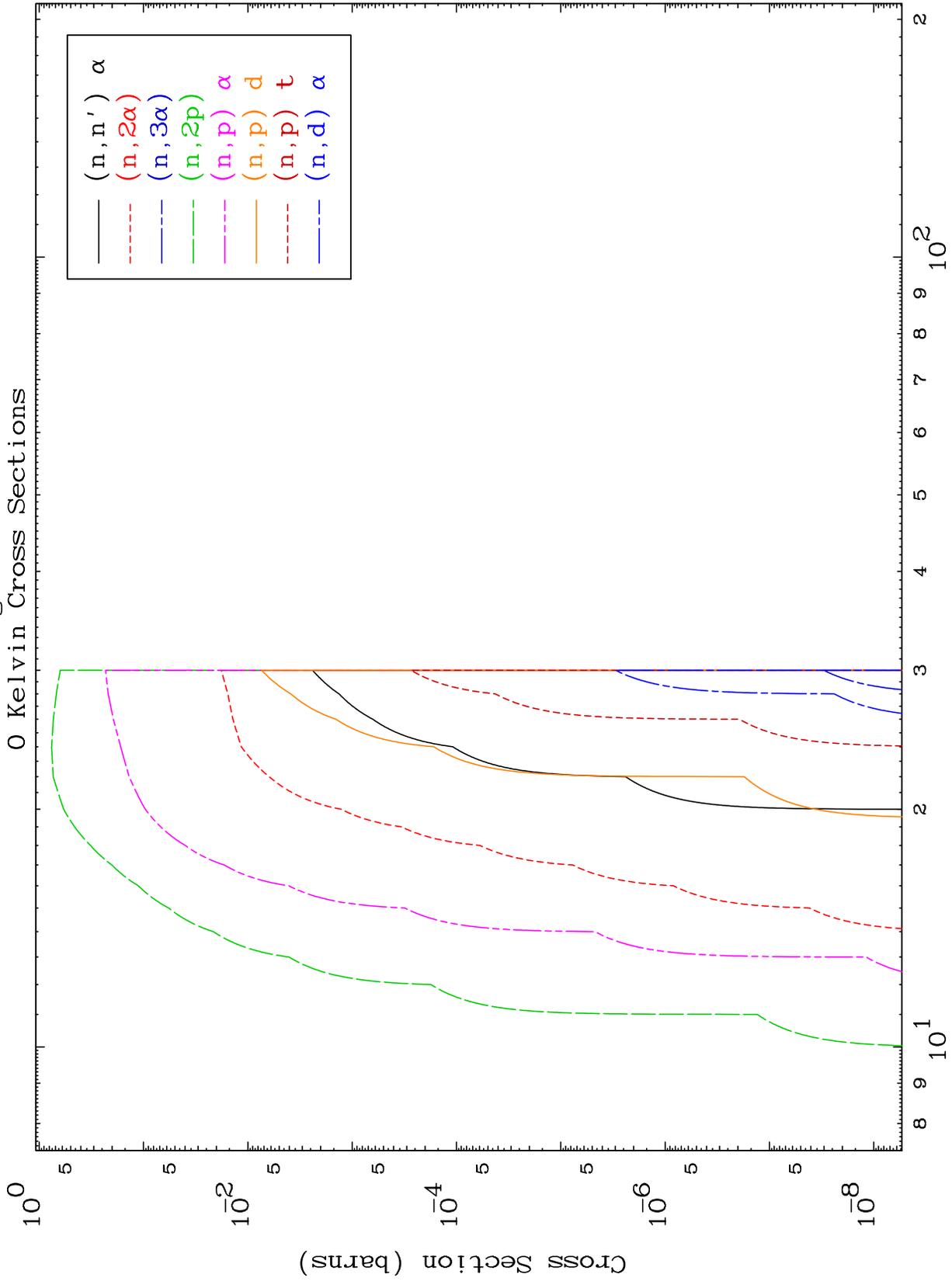
20-Ca-40



MAT 2025

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

20-Ca-40



20-Ca-40

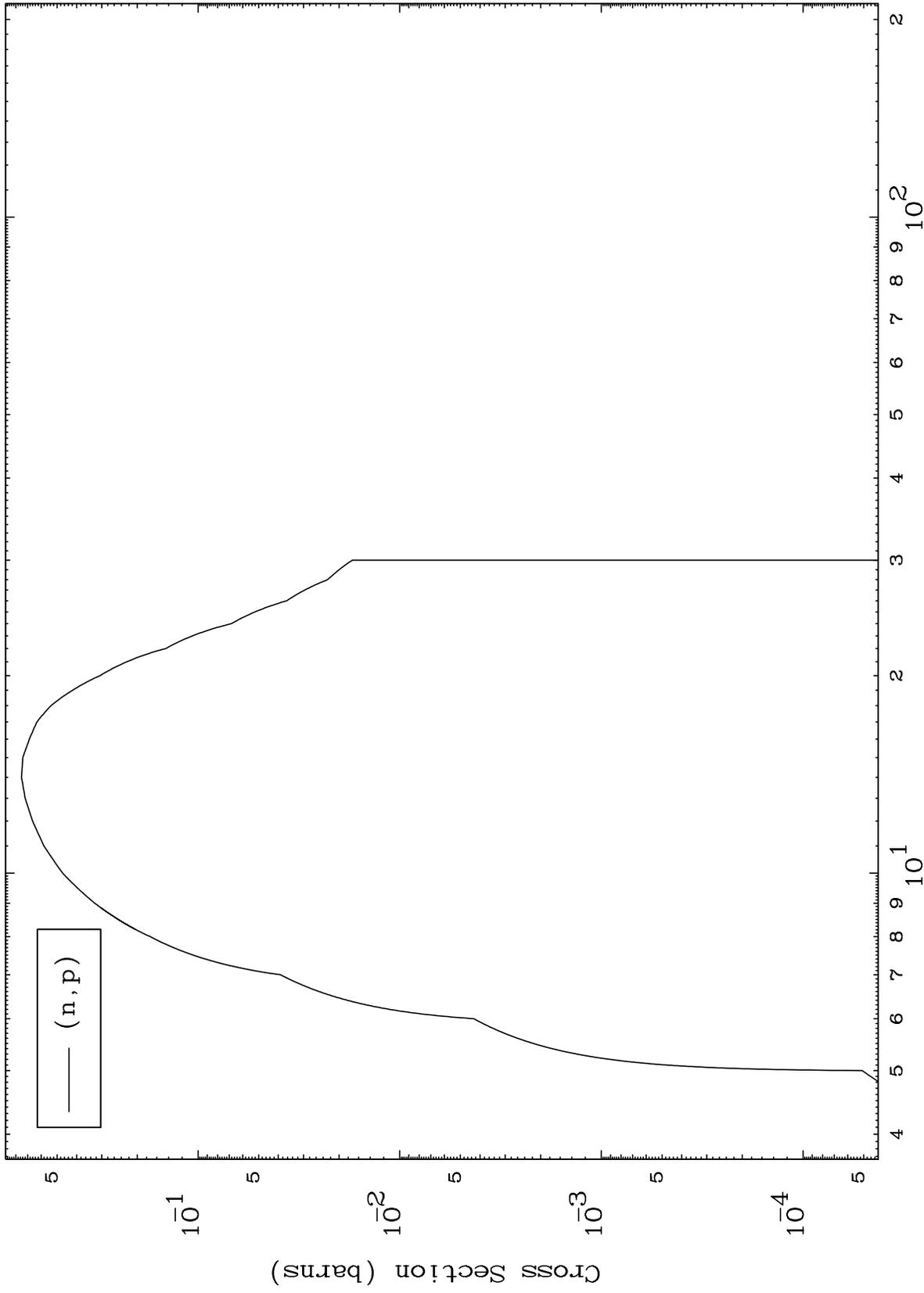
Incident Energy (MeV)

5

MAT 2025

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

20-Ca-40



6

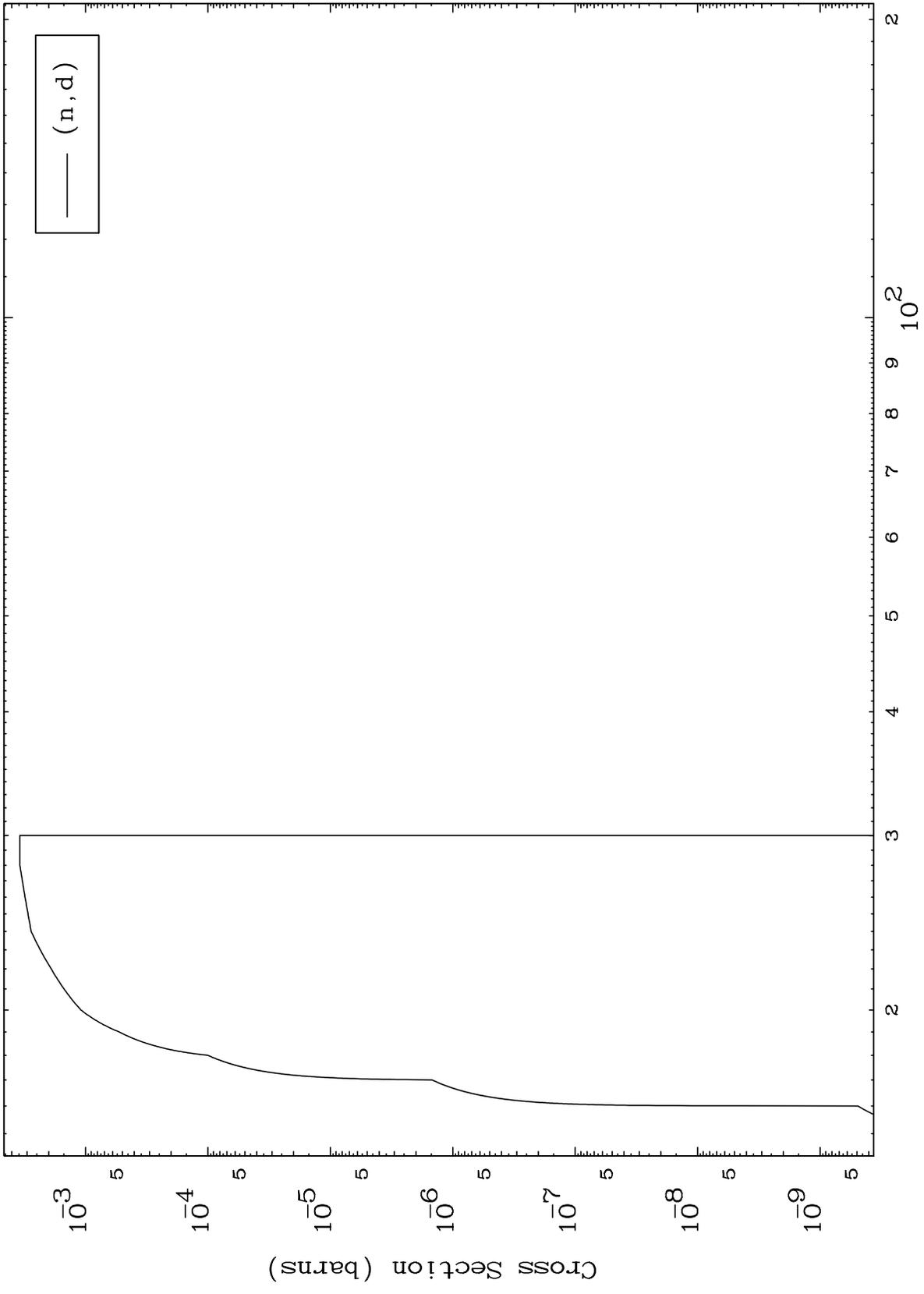
Incident Energy (MeV)

20-Ca-40

MAT 2025

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

20-Ca-40



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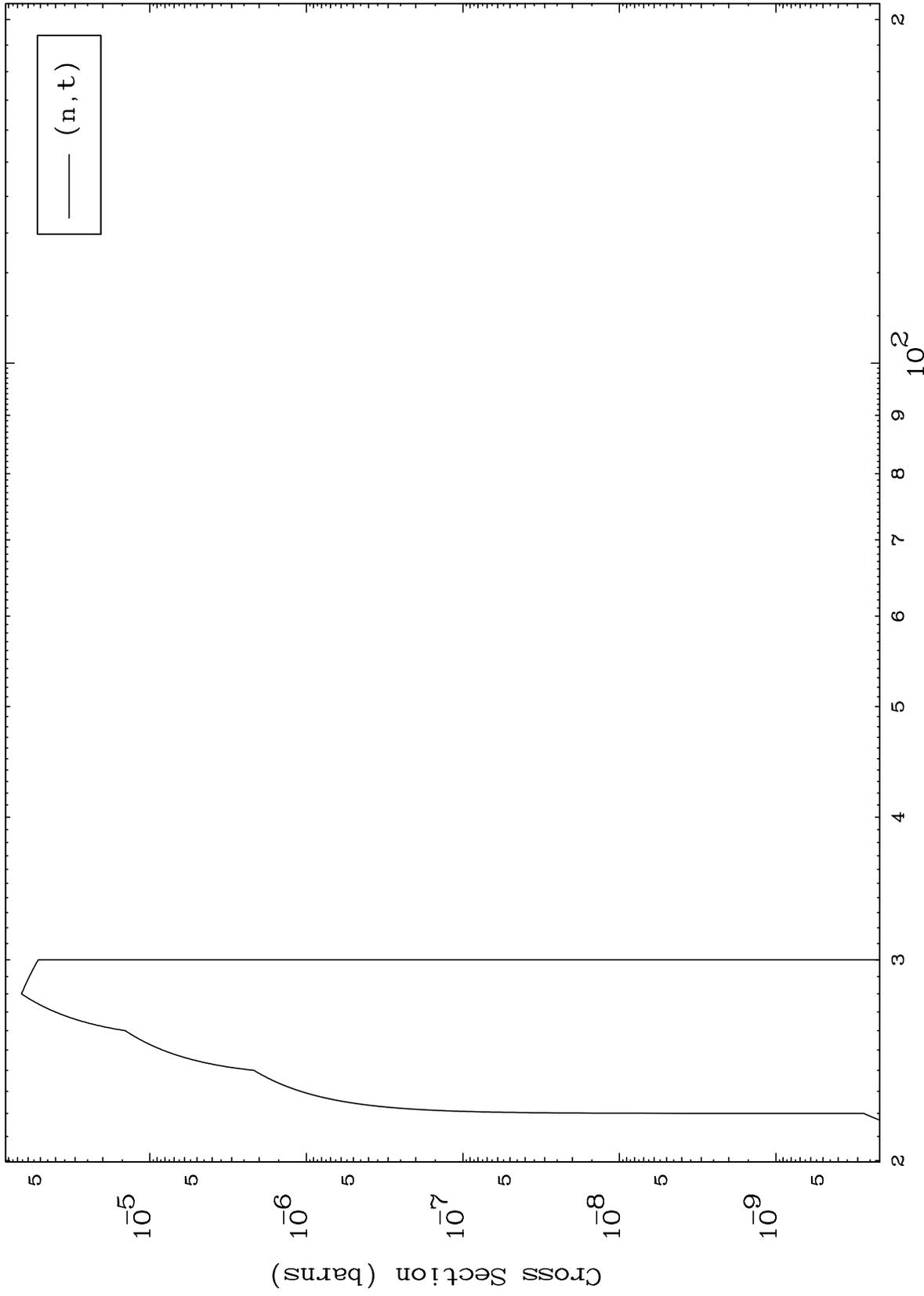
Incident Energy (MeV)

20-Ca-40

MAT 2025

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

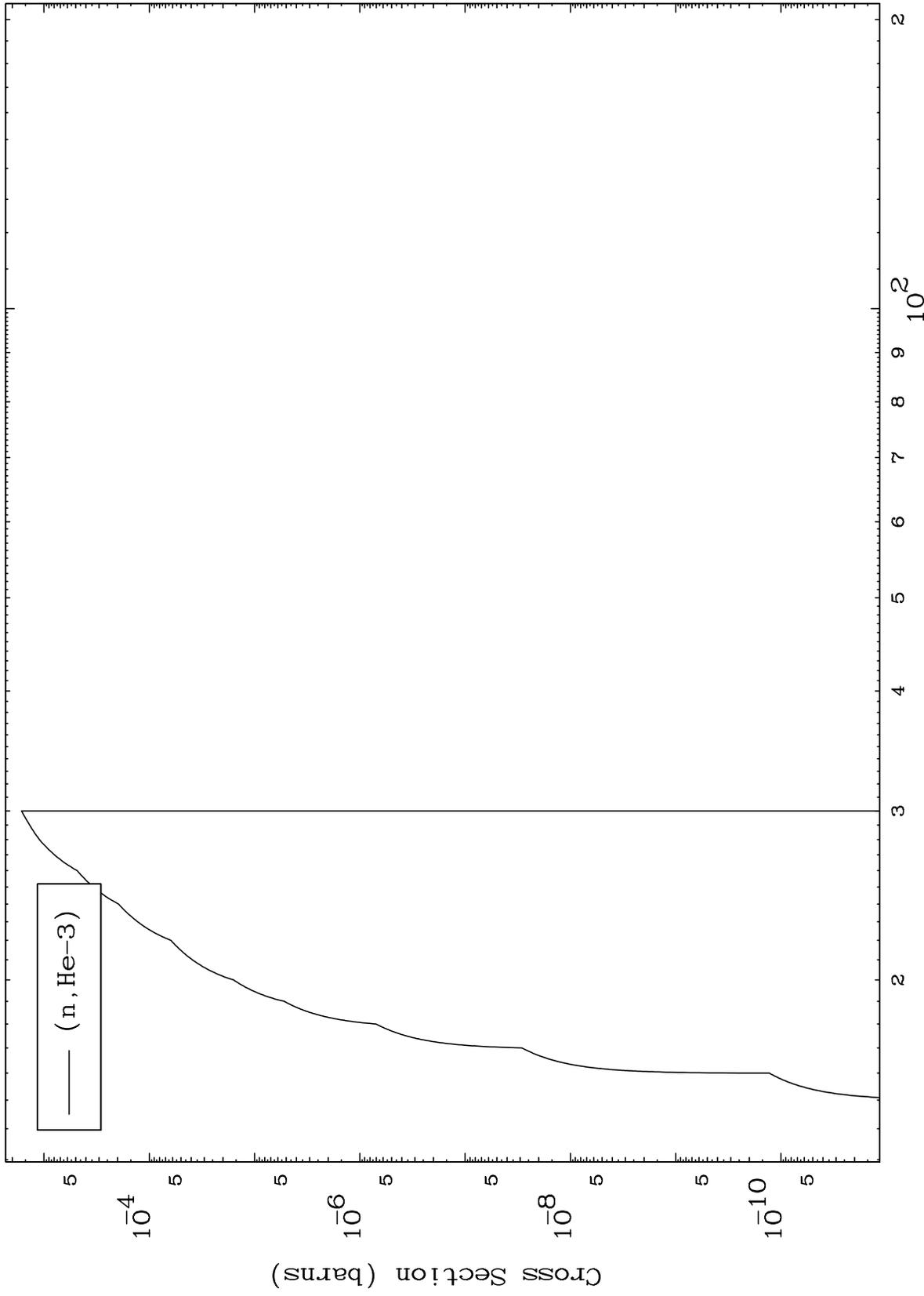
20-Ca-40



8

Incident Energy (MeV)

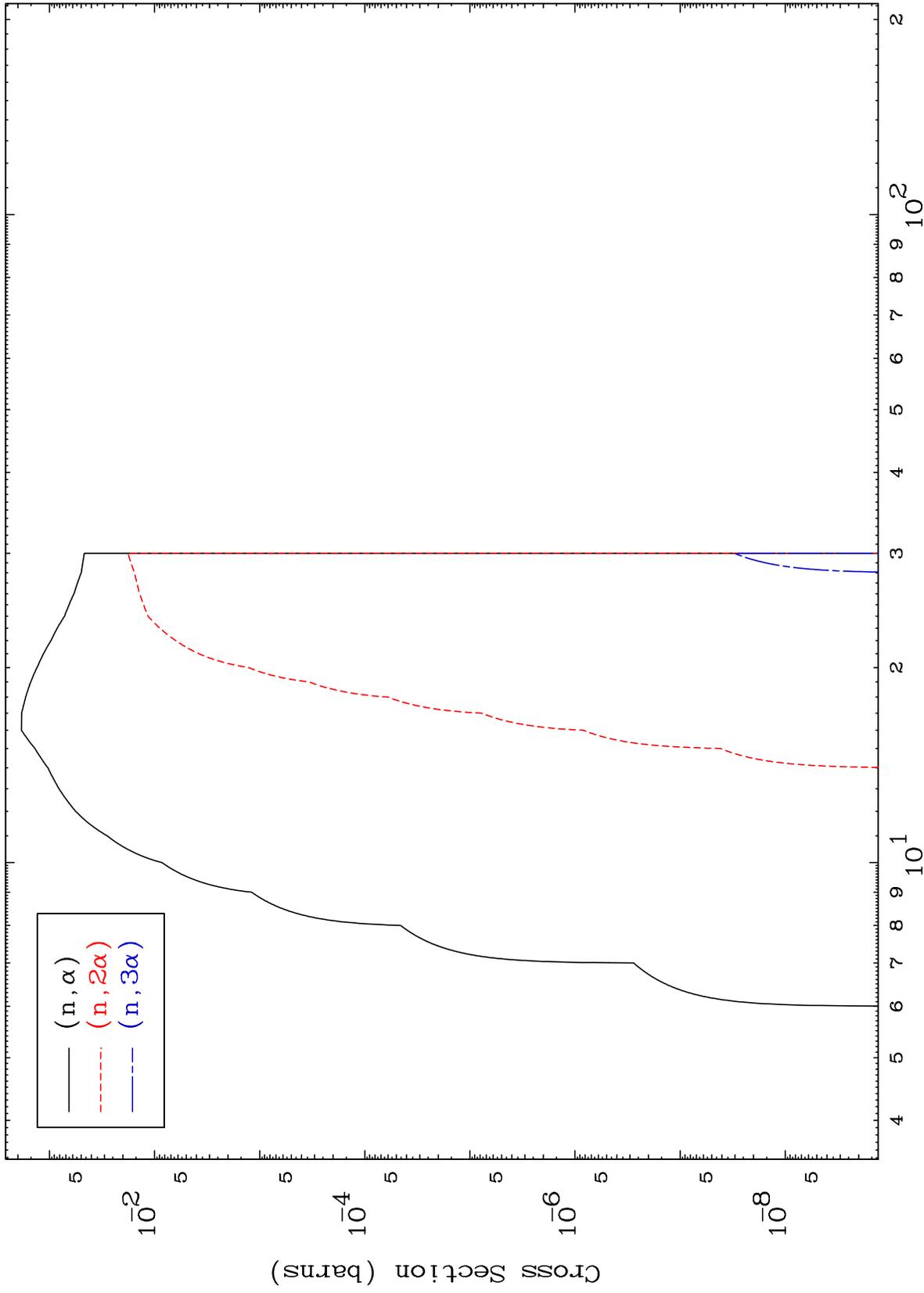
20-Ca-40



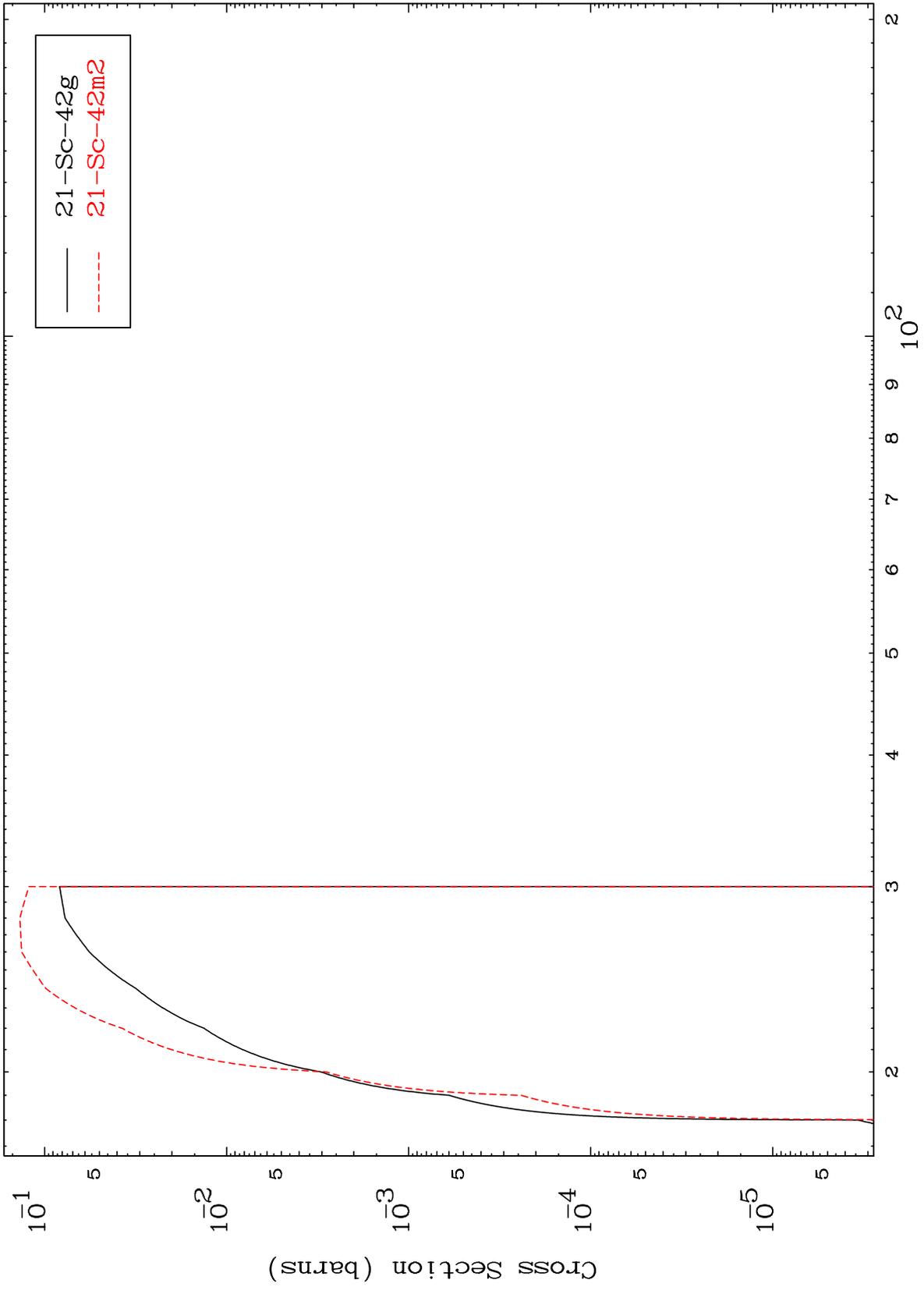
MAT 2025

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

20-Ca-40



Radionuclide Production Cross Section

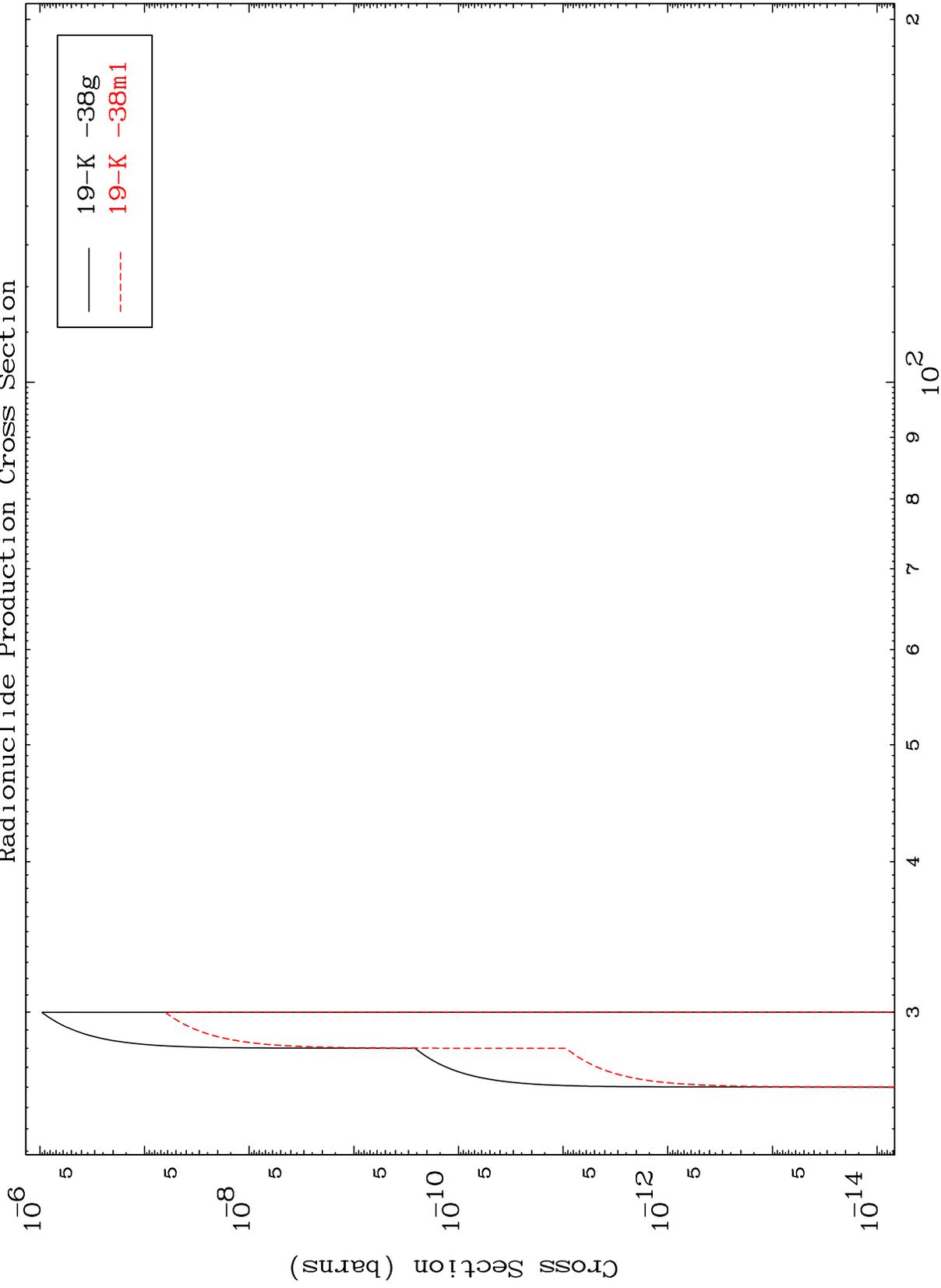


MAT 2025

(n,n') p  $\alpha$

20-Ca-40

Radionuclide Production Cross Section

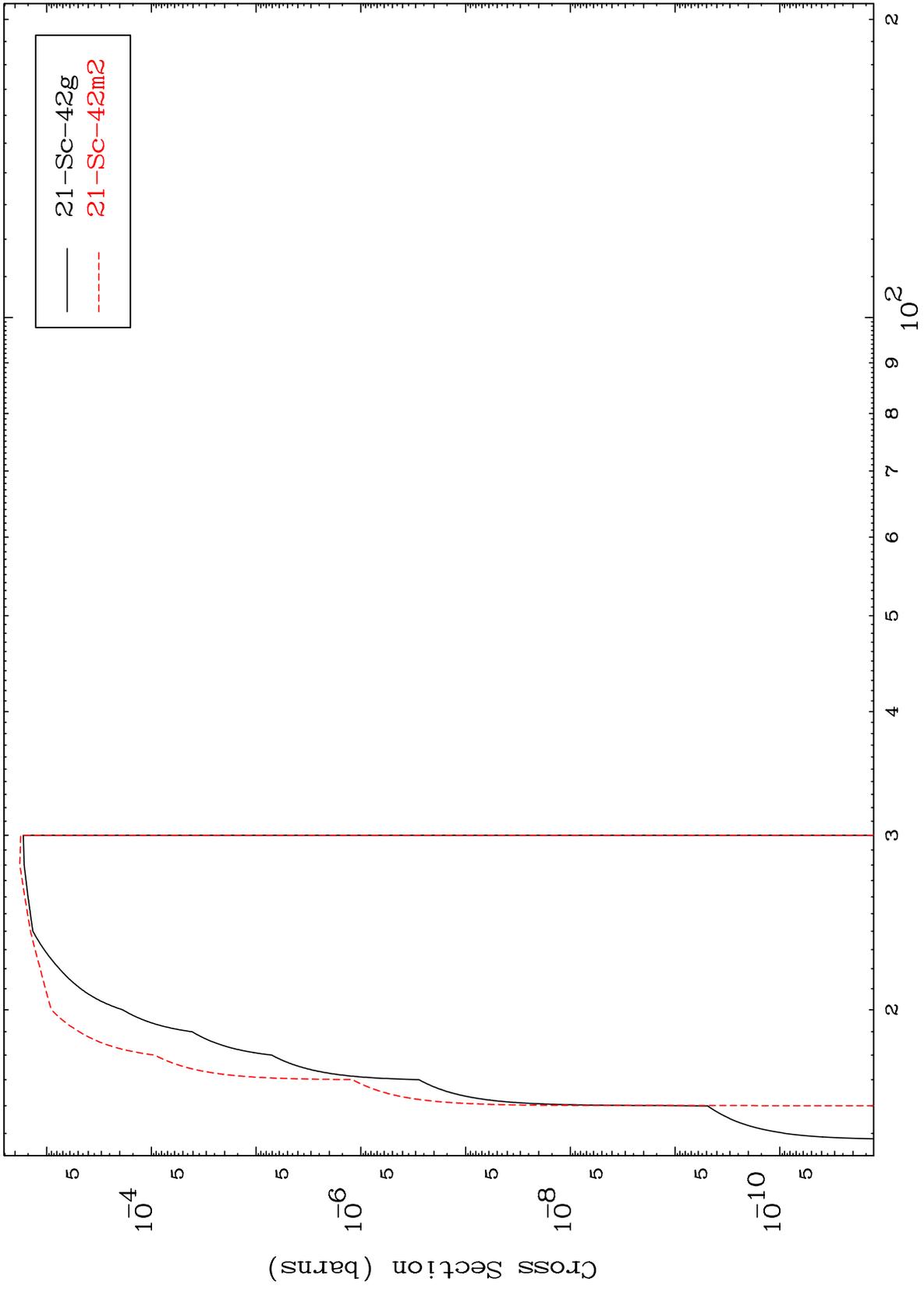


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Incident Energy (MeV)

20-Ca-40

Radionuclide Production Cross Section

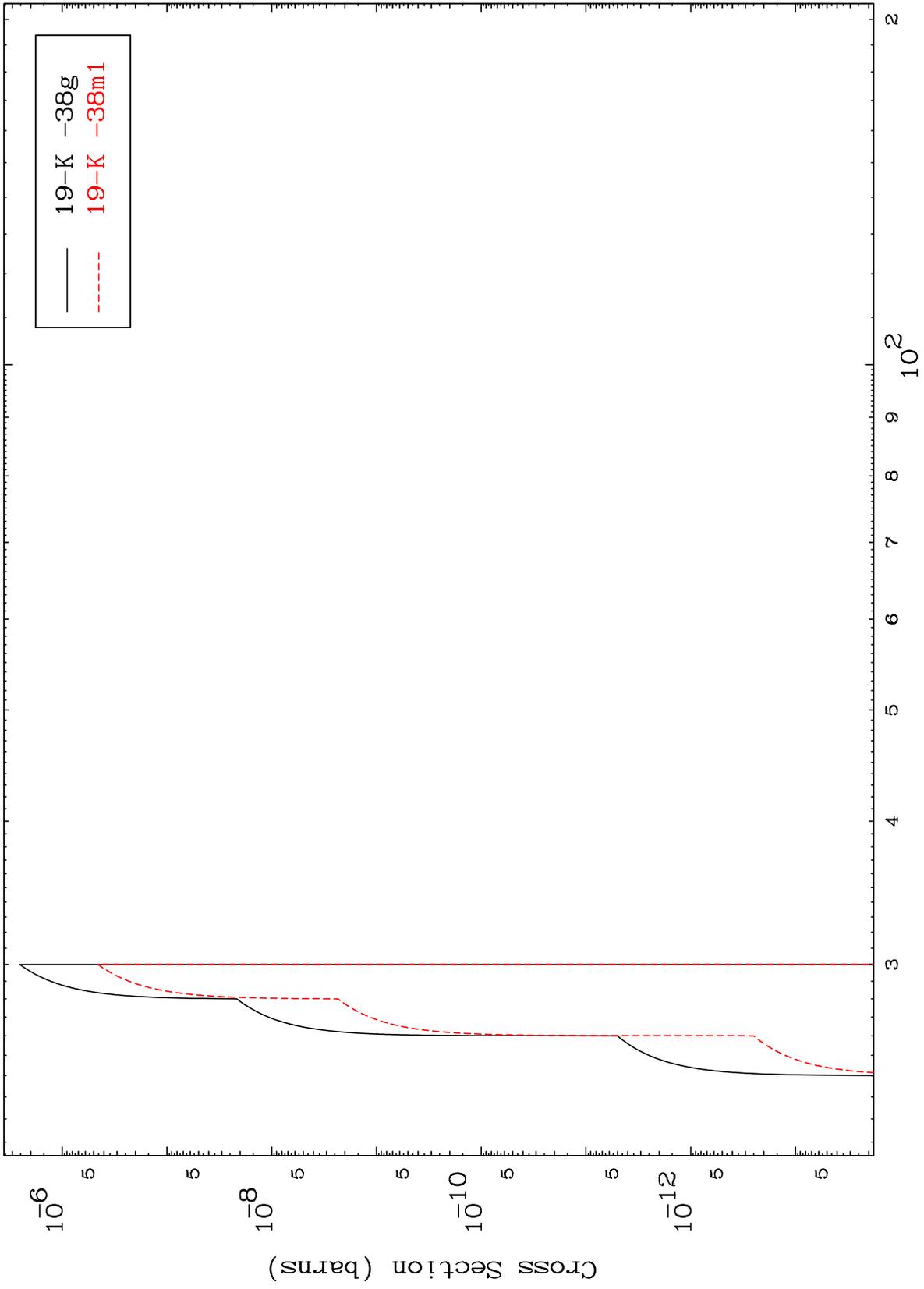


MAT 2025

$(n,d) \alpha$

$^{20}\text{Ca}-40$

Radionuclide Production Cross Section



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Incident Energy (MeV)

$^{20}\text{Ca}-40$