

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

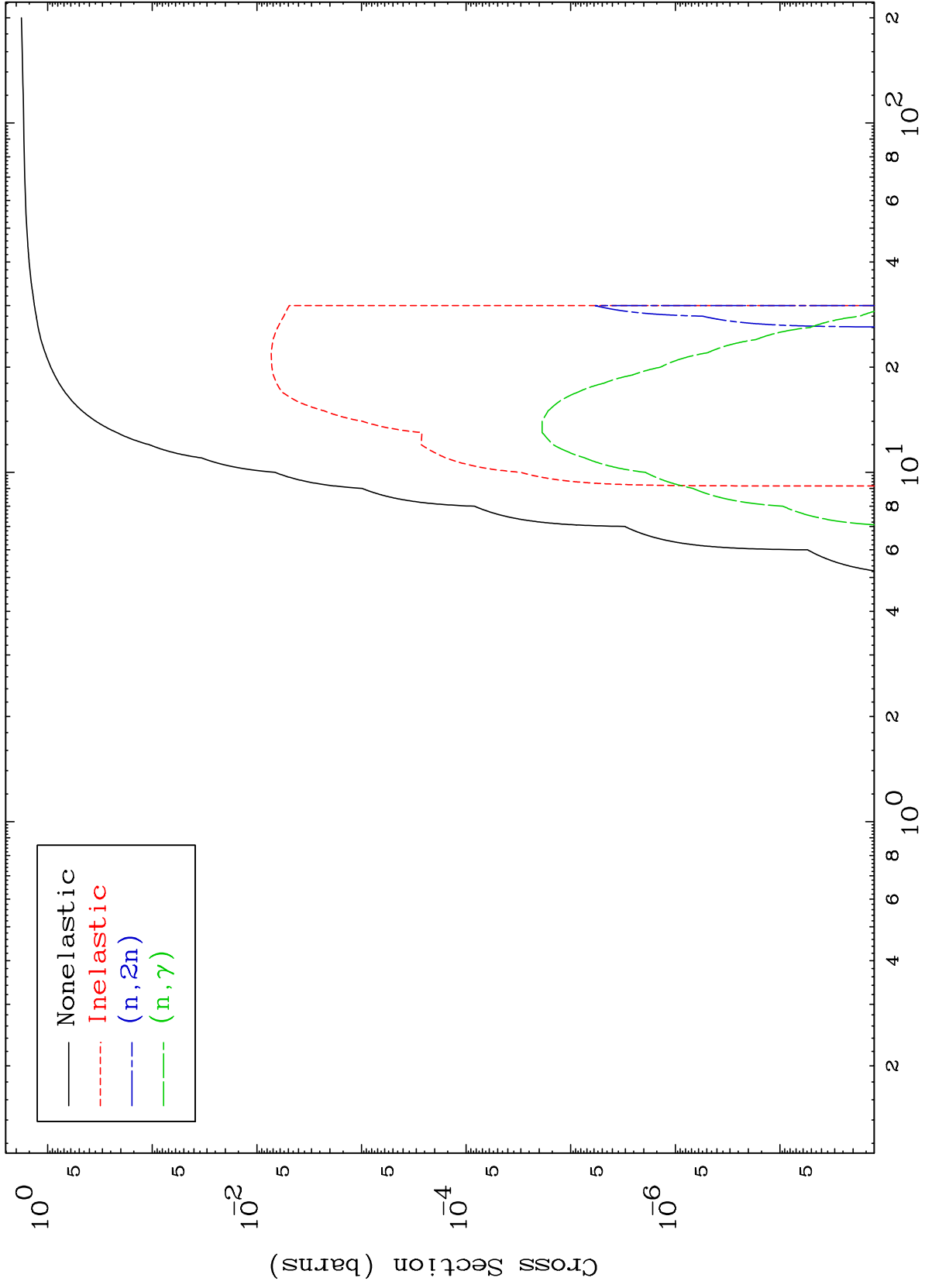
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3804

0 Kelvin Major
 α Major Cross Sections

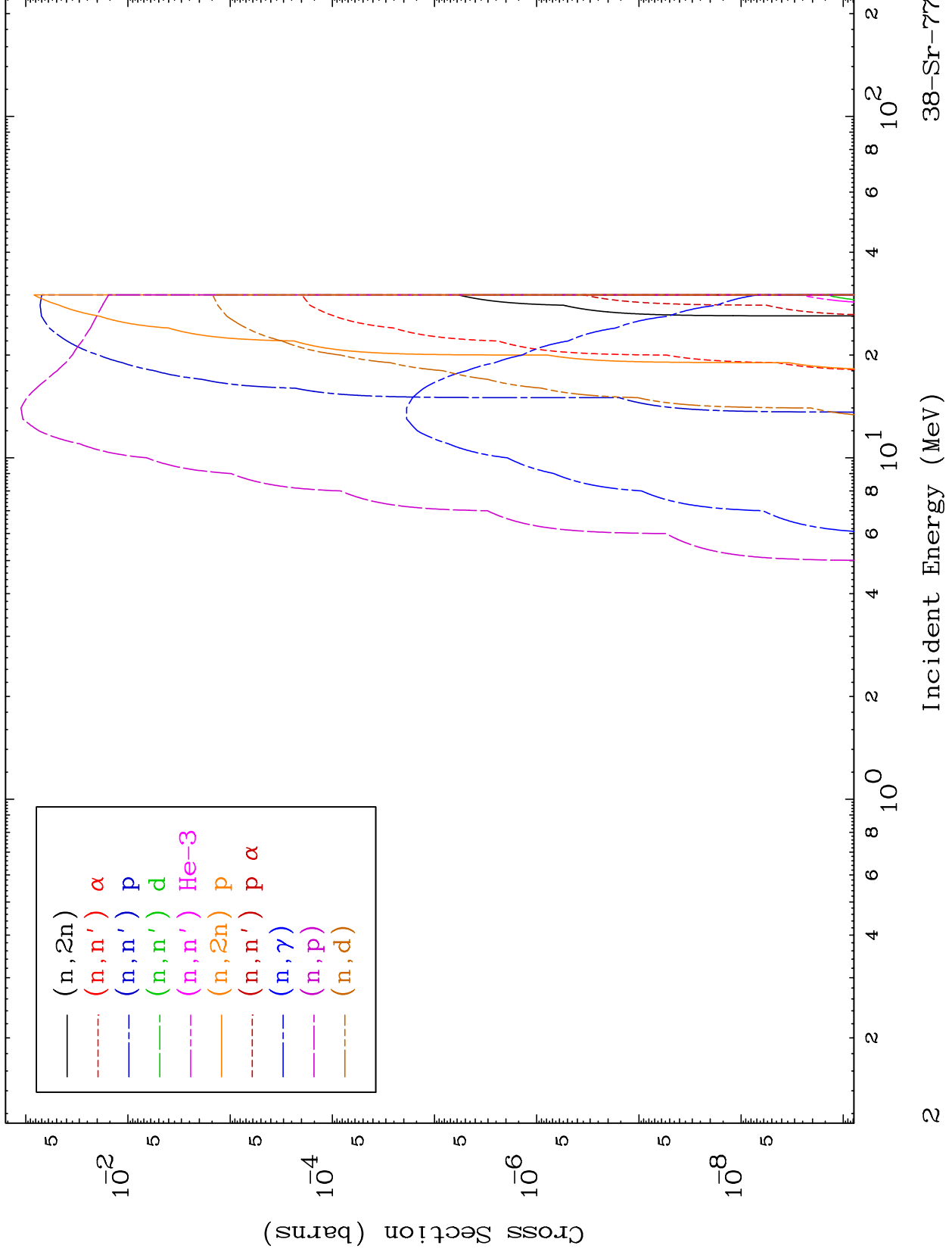
38-Sr-77



MAT 3804

α Neutron Absorption
0 Kelvin Cross Sections

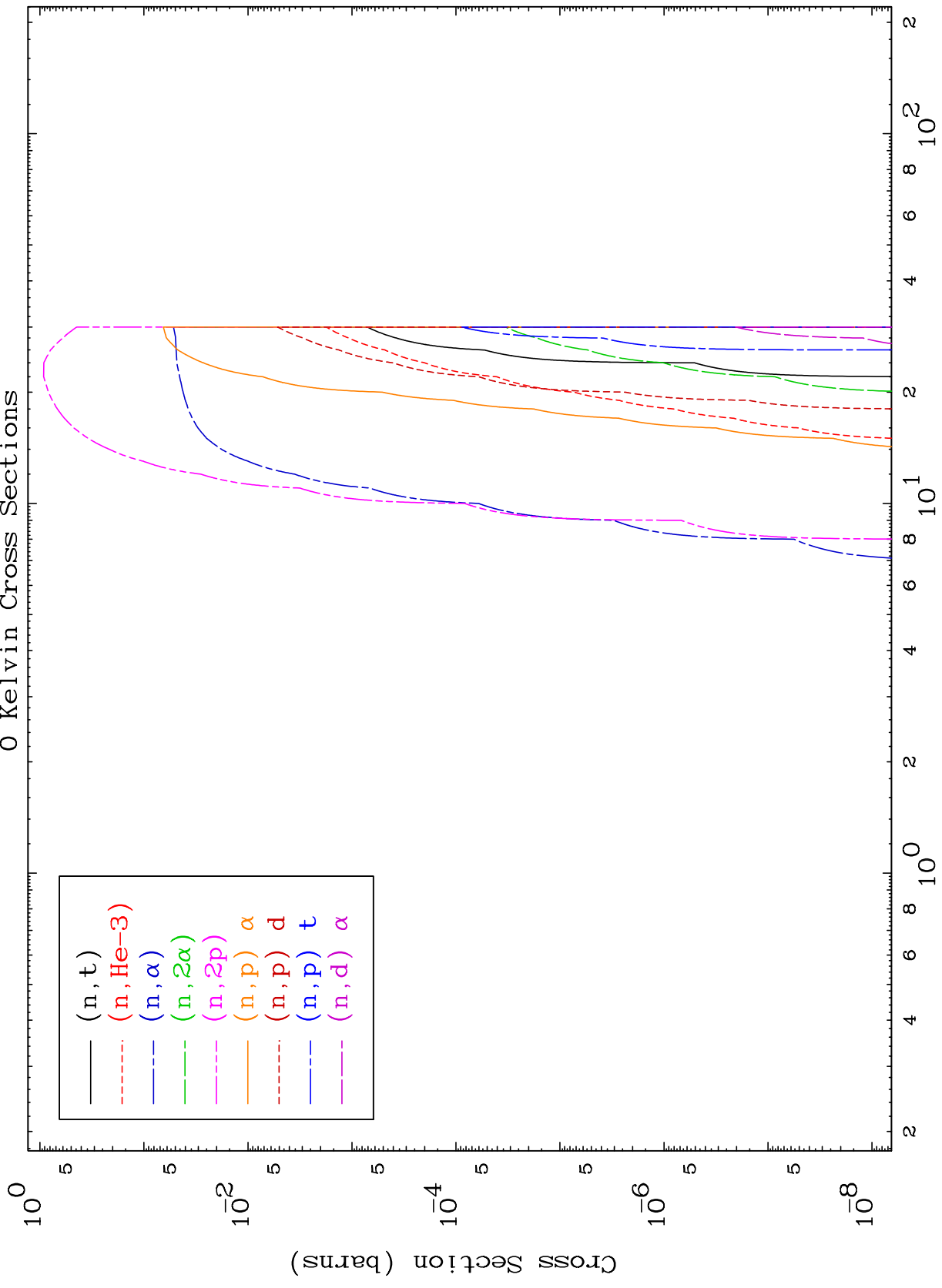
38-Sr-77

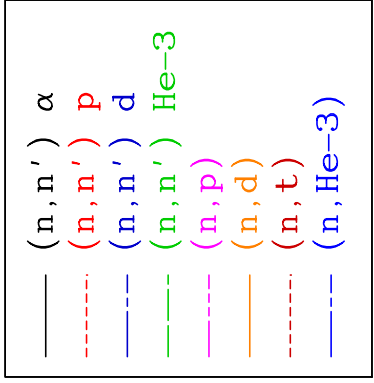
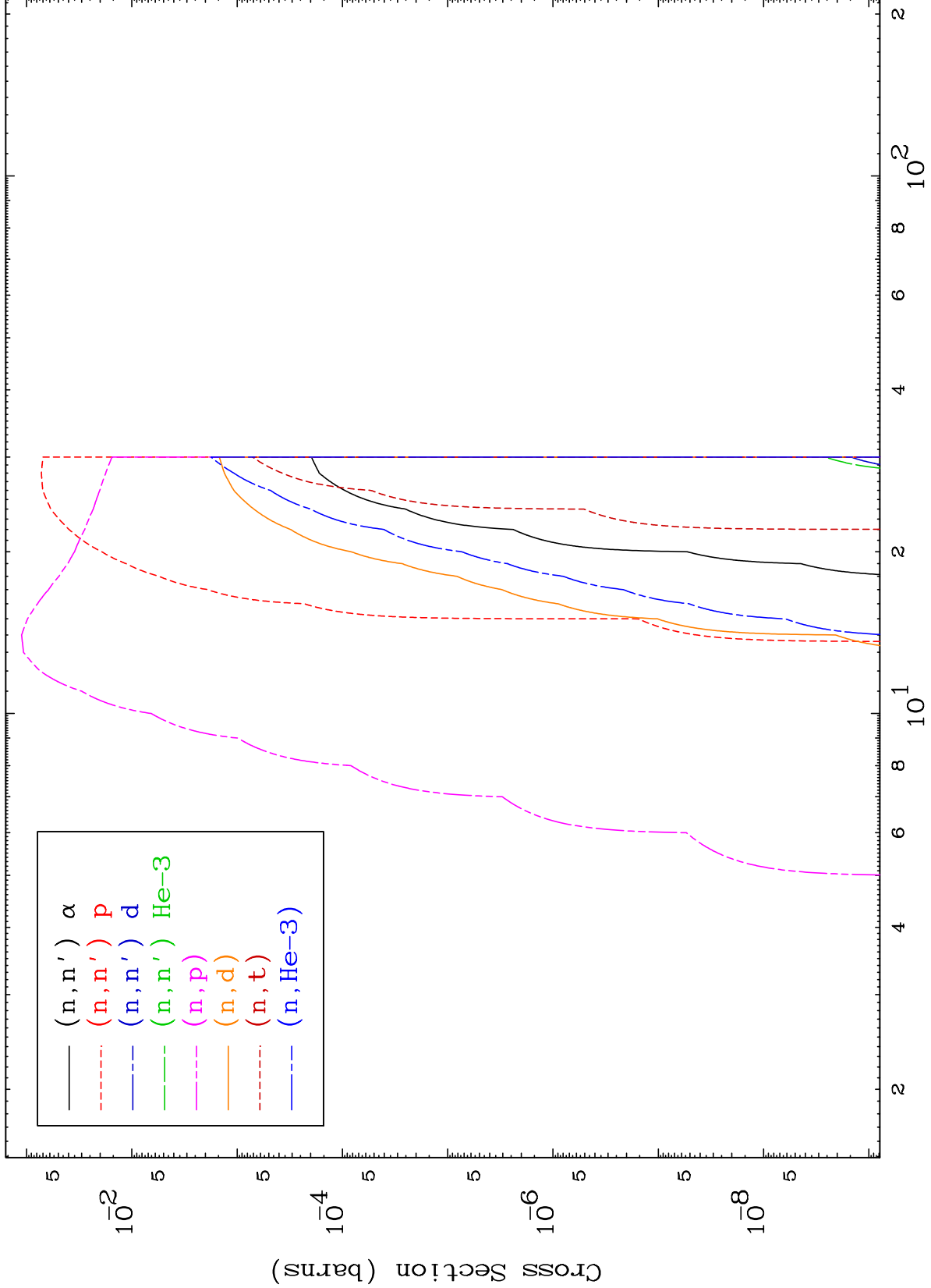


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α Neutron Absorption
0 Kelvin Cross Sections

$^{38}\text{Sr-77}$

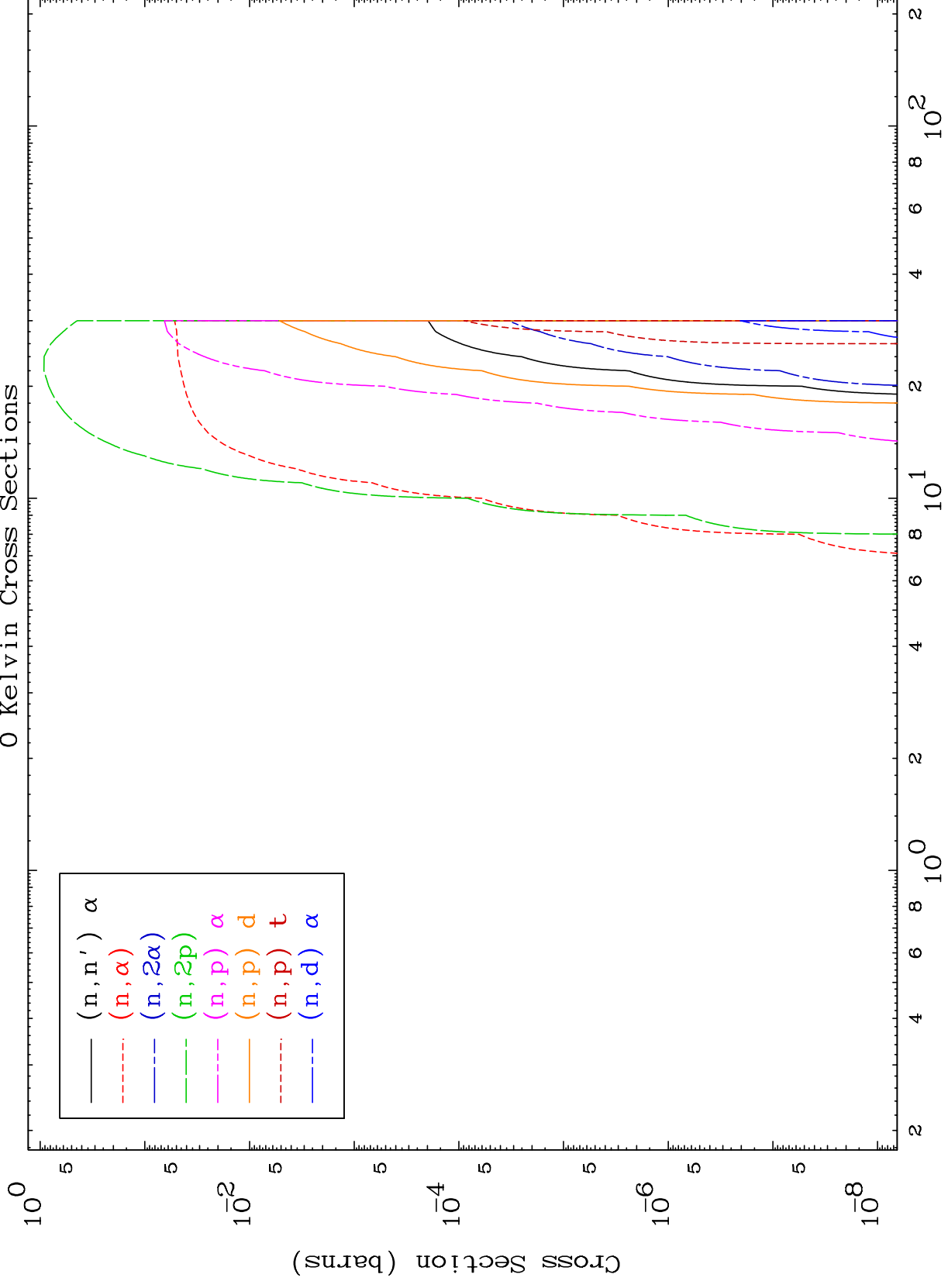




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α Charged Particle
0 Kelvin Cross Sections

38-Sr-77



5

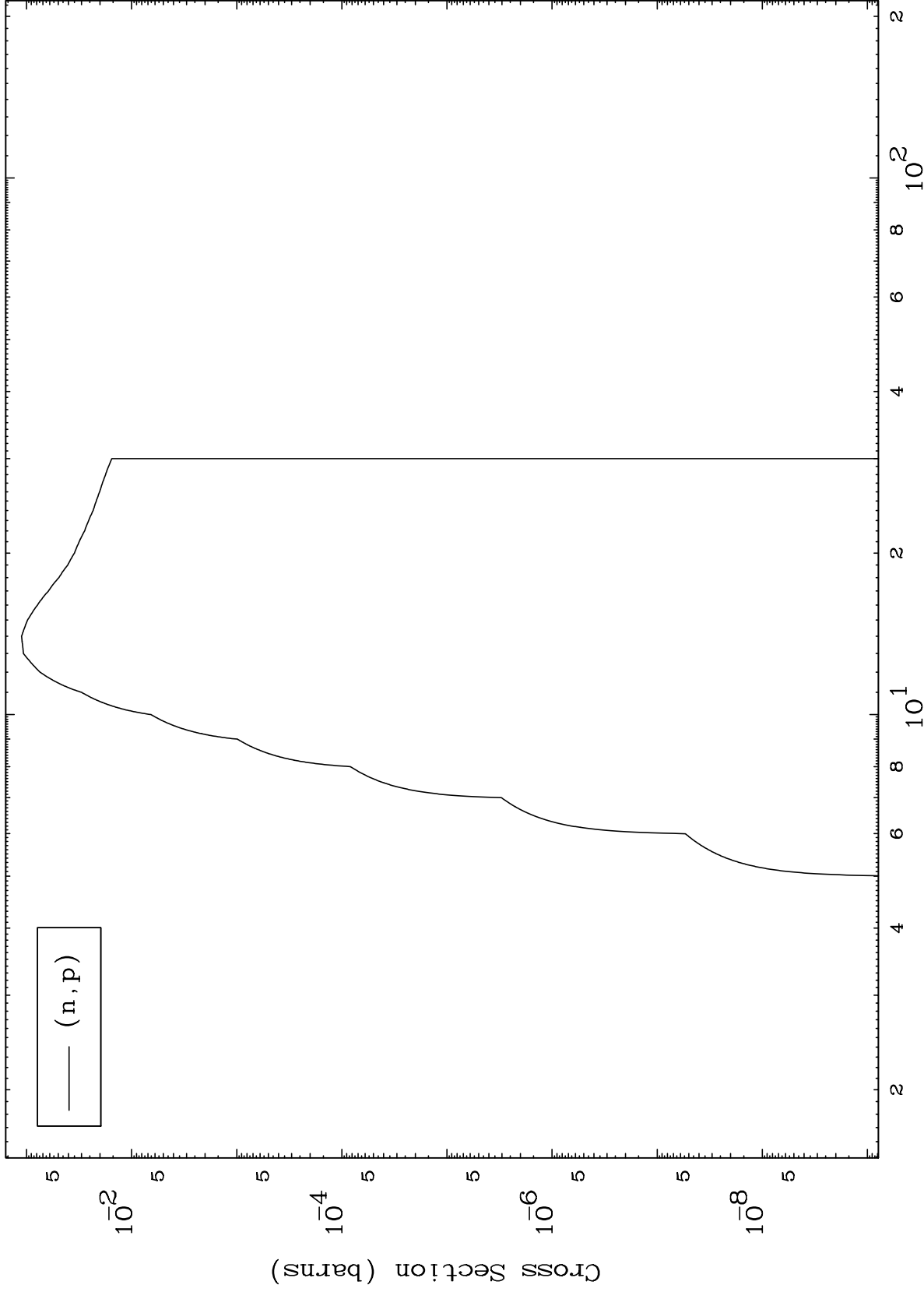
Incident Energy (MeV)

38-Sr-77

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(α, p) Levels
0 Kelvin Cross Sections

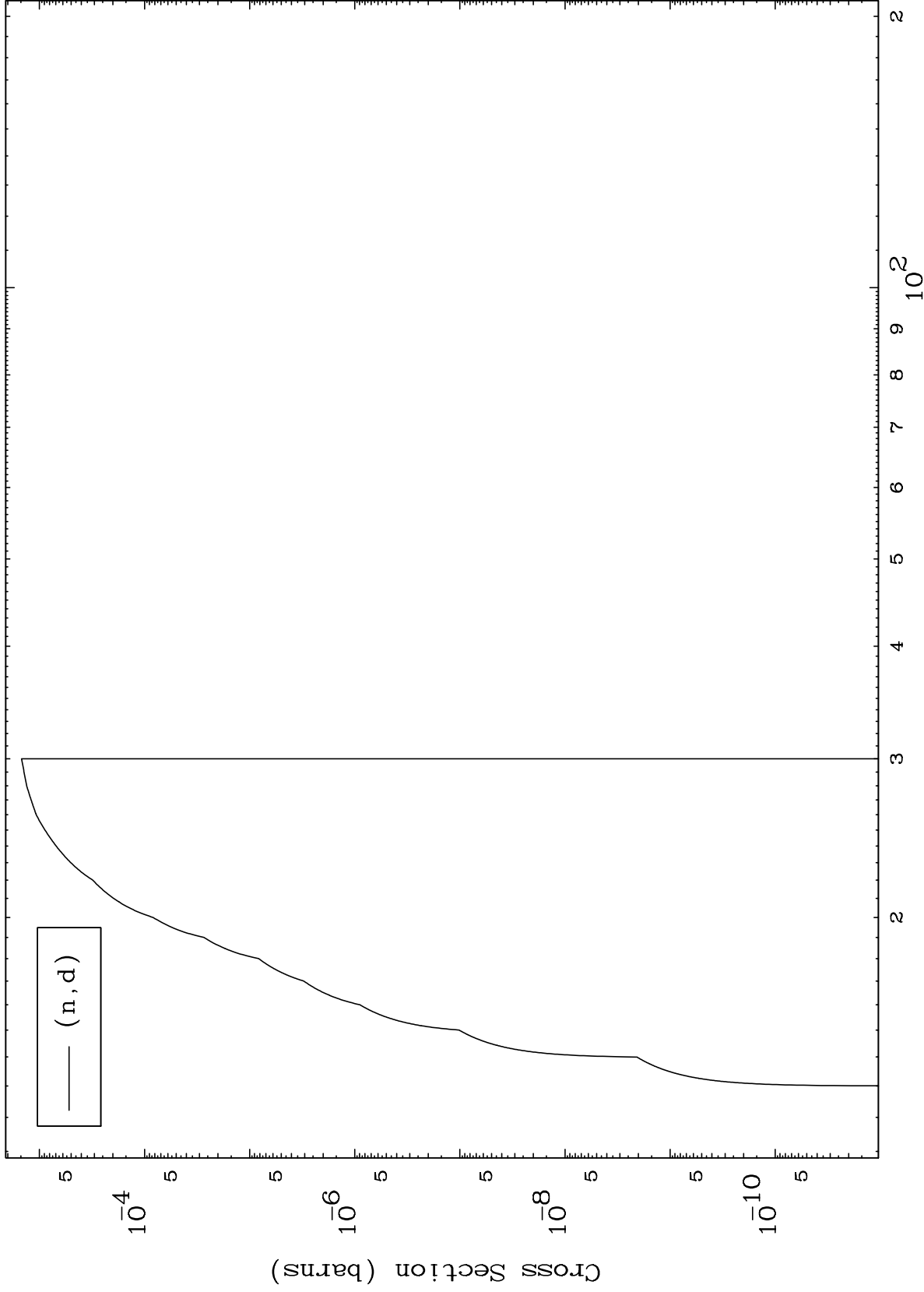
$^{38}\text{Sr-77}$



6

Incident Energy (MeV)

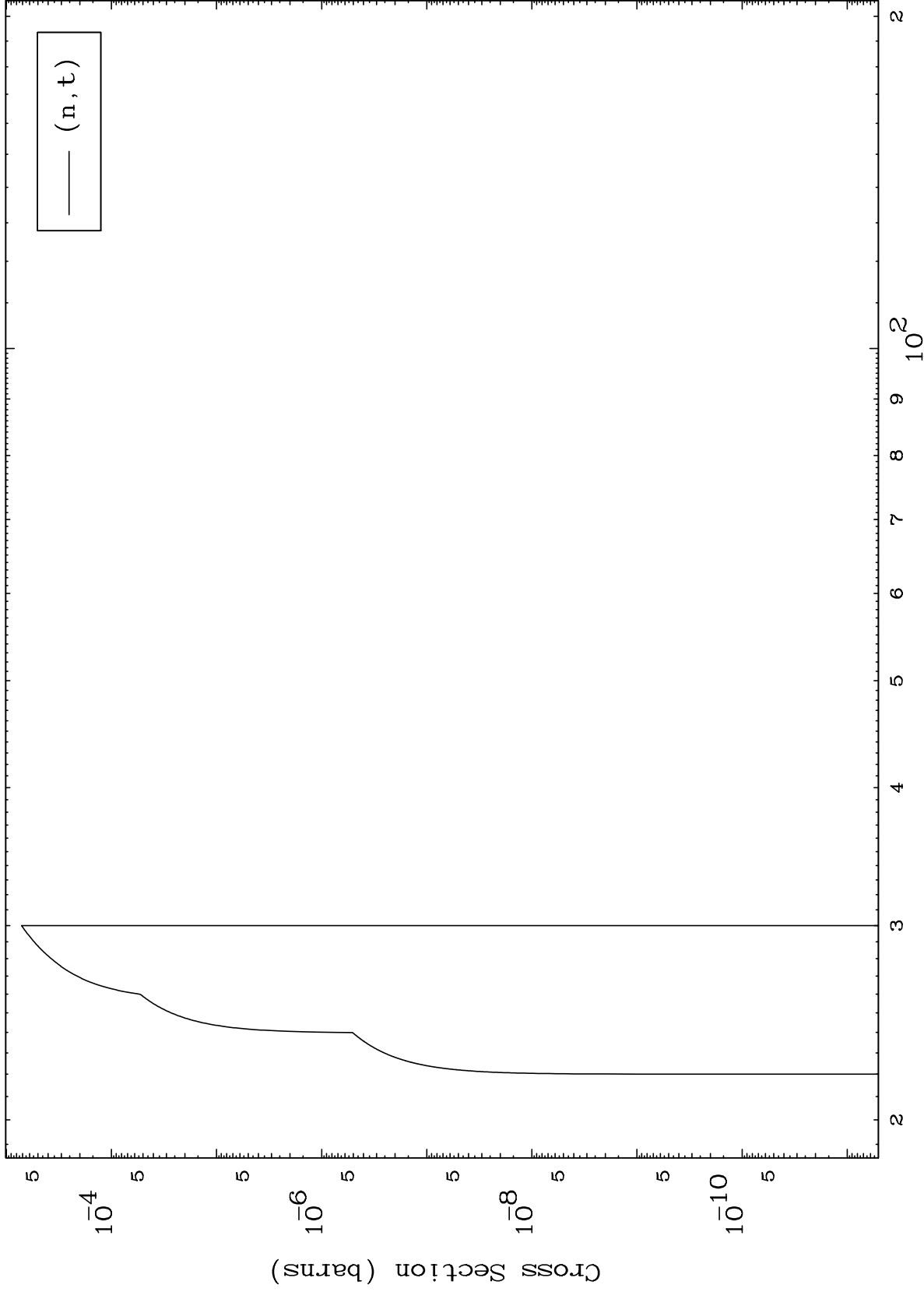
$^{38}\text{Sr-77}$



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(α, t) Levels
0 Kelvin Cross Sections

38-Sr-77



8

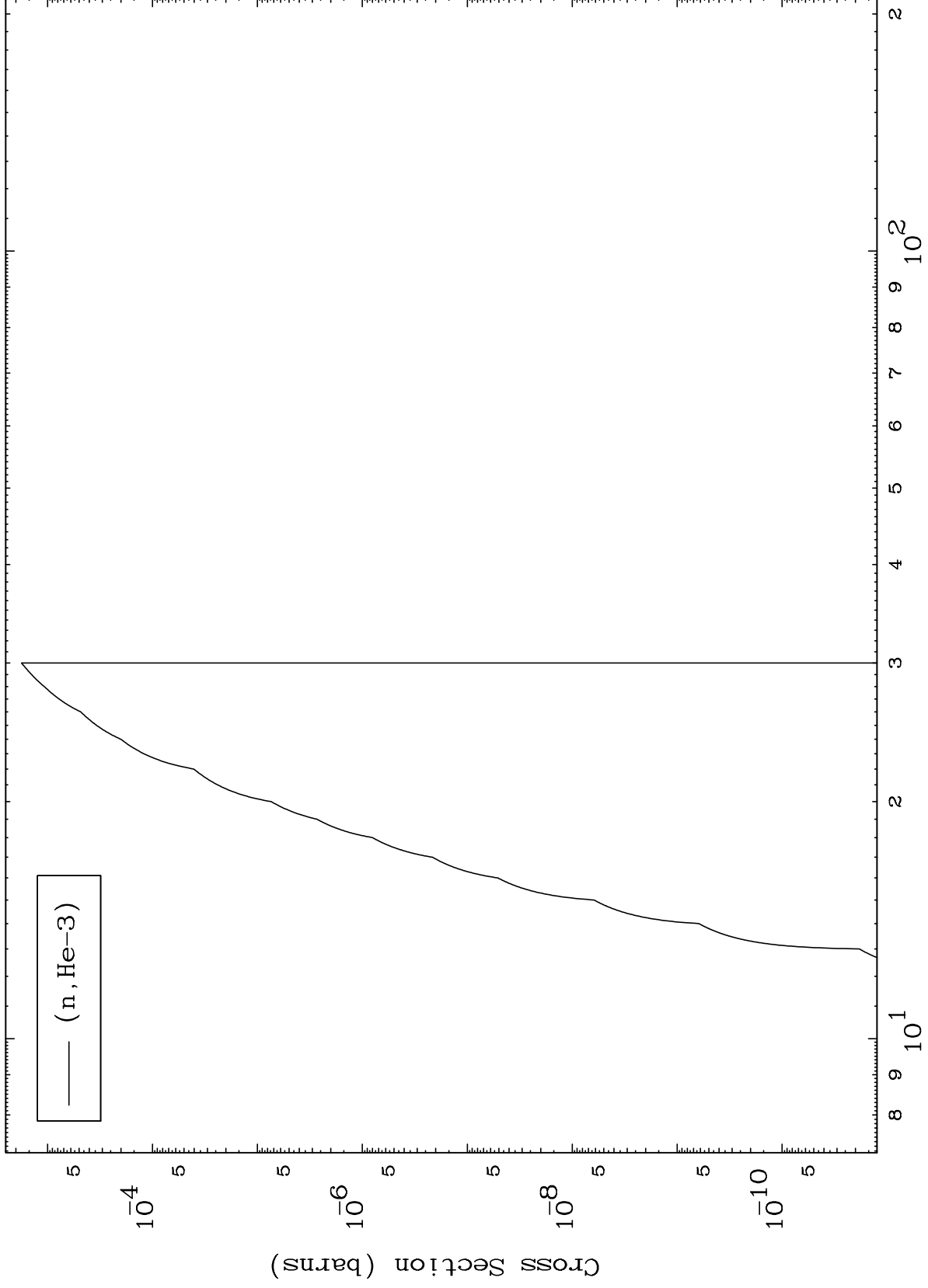
Incident Energy (MeV)

38-Sr-77

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($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

$^{38}\text{Sr}-77$



9

Incident Energy (MeV)

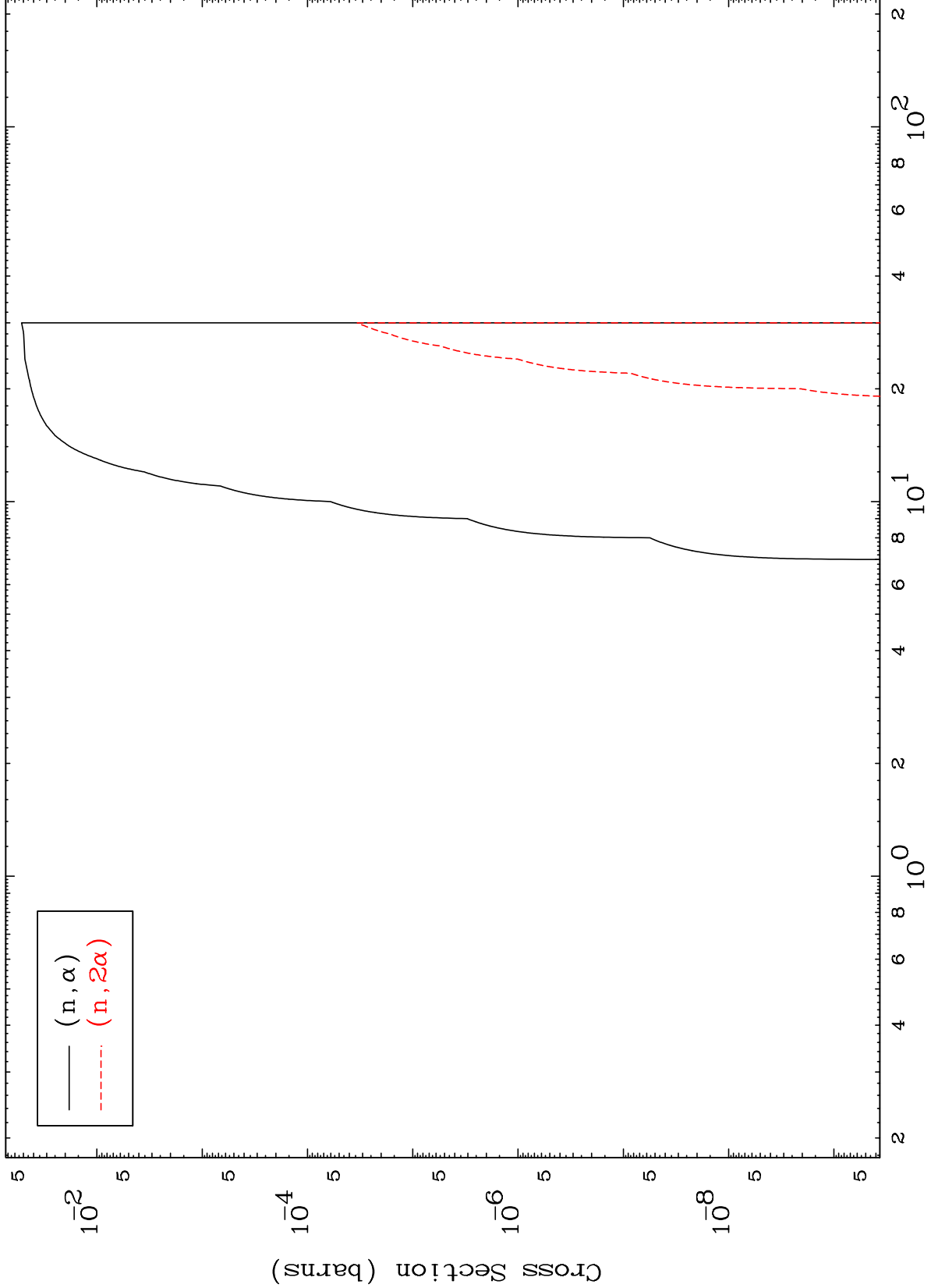
$^{38}\text{Sr}-77$

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(α, α) Levels

38-Sr-77

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

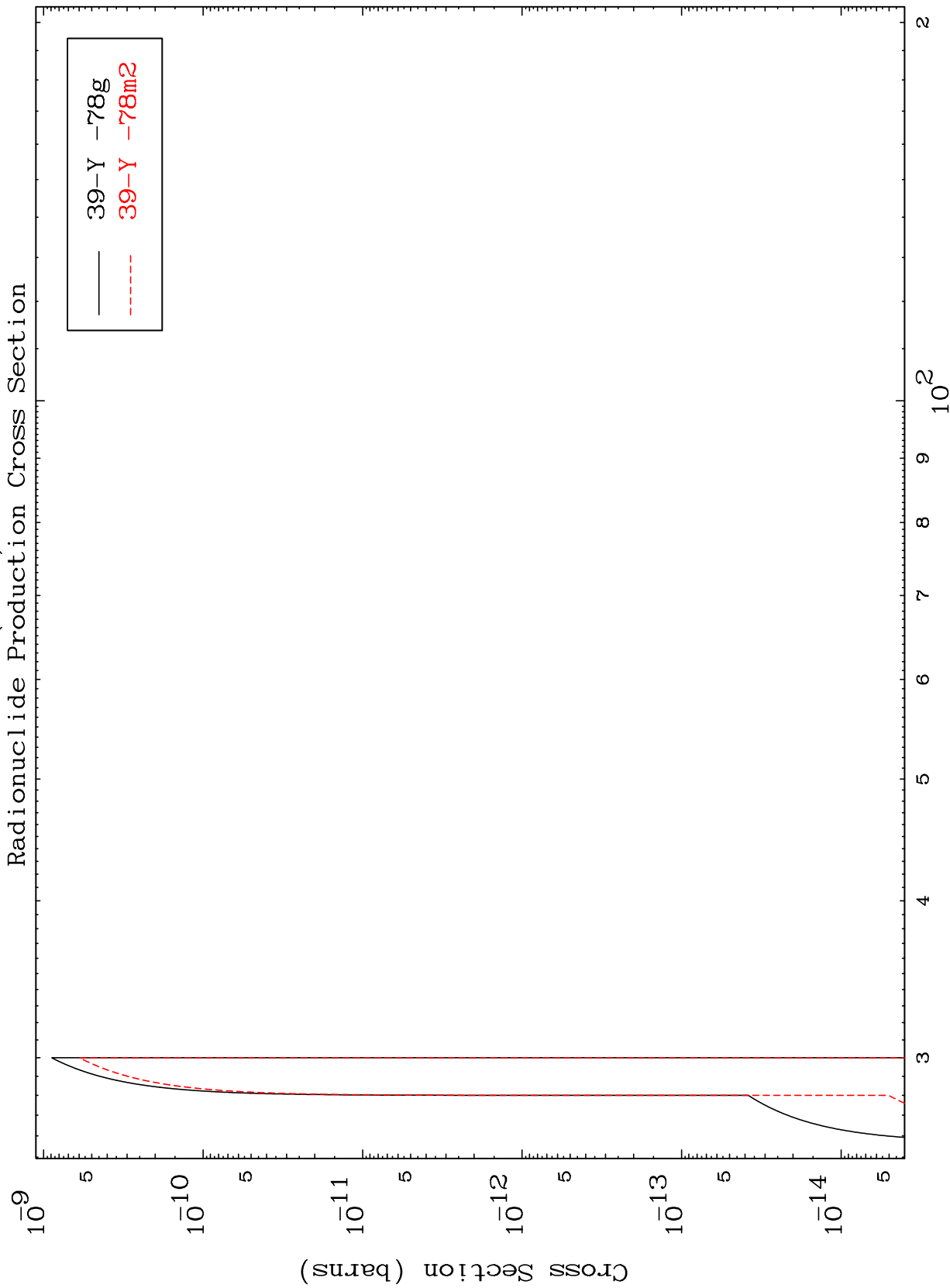
Incident Energy (MeV)

38-Sr-77

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(n,n') d

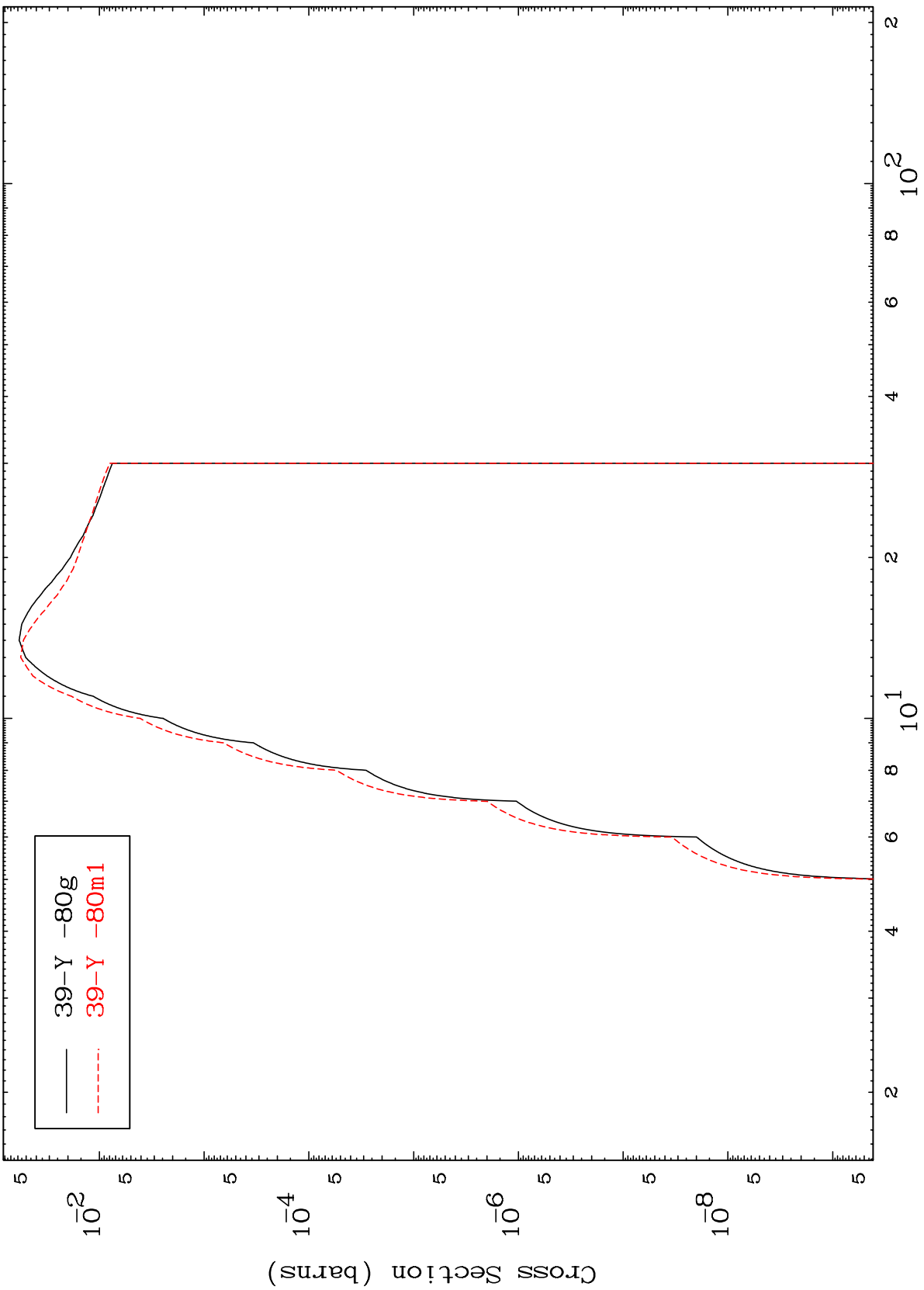
38-Sr-77



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38-Sr-77

Radionuclide Production Cross Section (n,p)



12

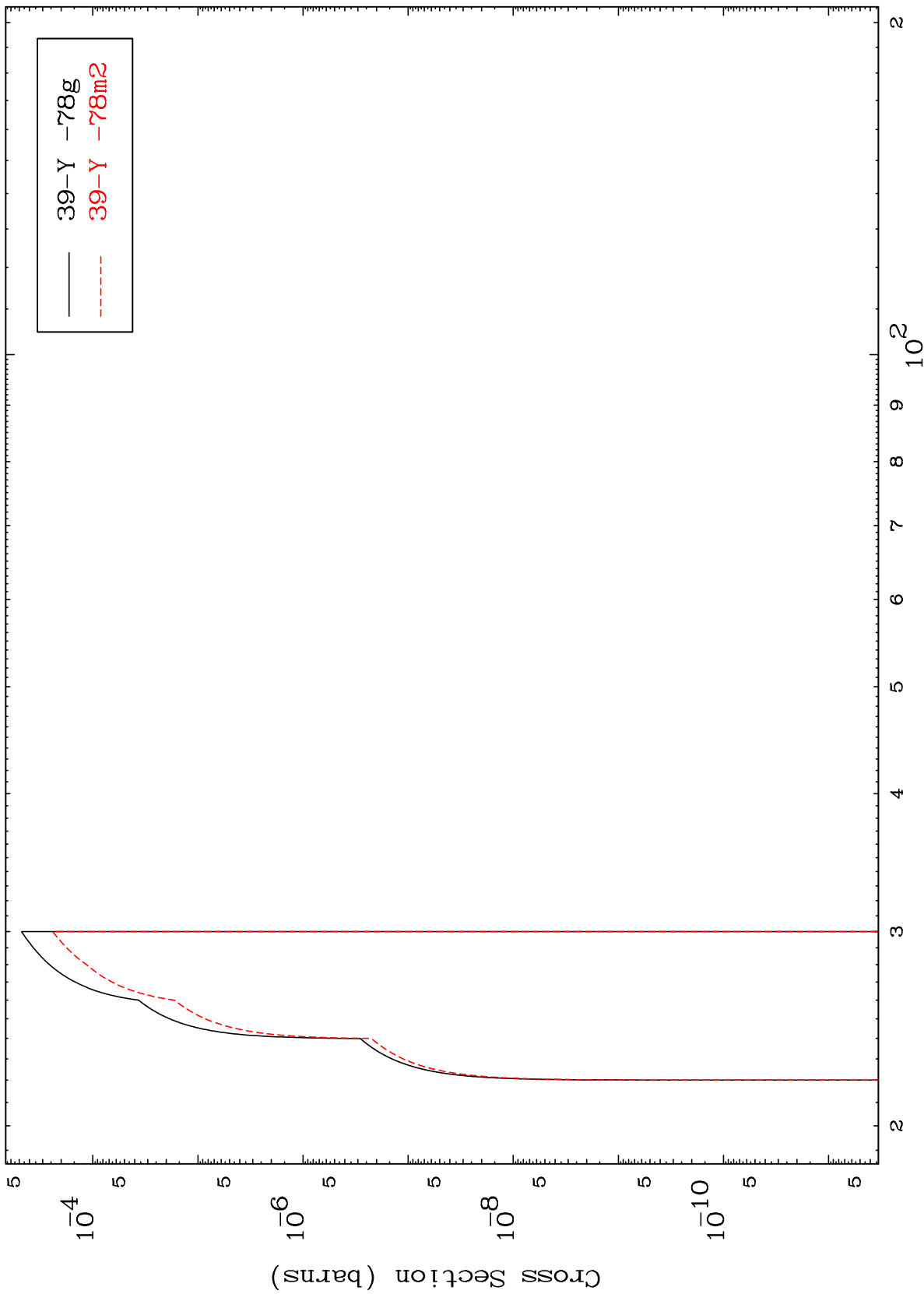
Incident Energy (MeV)

38-Sr-77

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³⁸Sr-77

(n,t)
Radionuclide Production Cross Section



³⁸Sr-77

Incident Energy (MeV)

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