

Program EVALPLOT  
(Version 2021-1)

by

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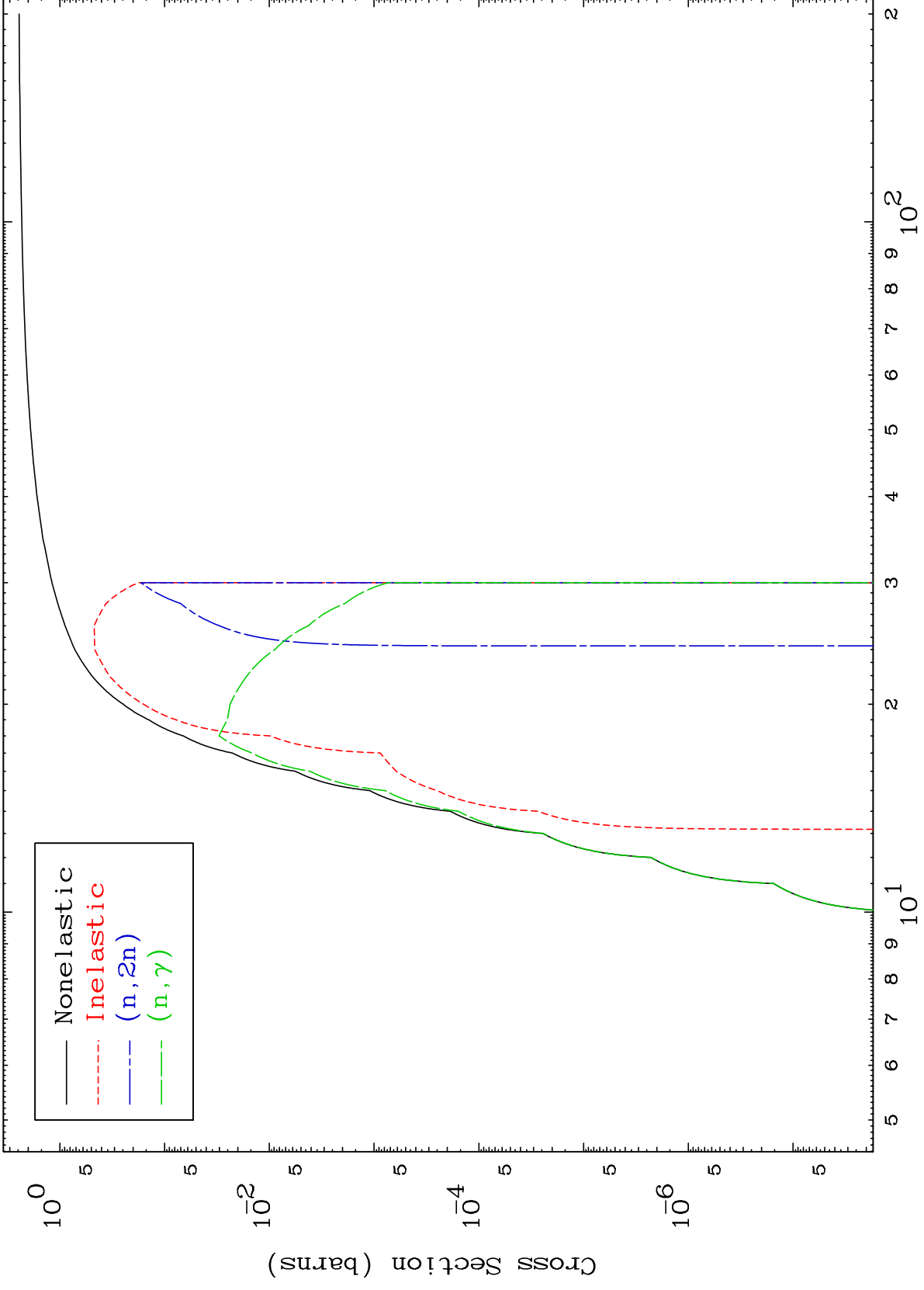
Press Mouse Button to Start

MAT 6798

$\alpha$  Major

68-Er-153

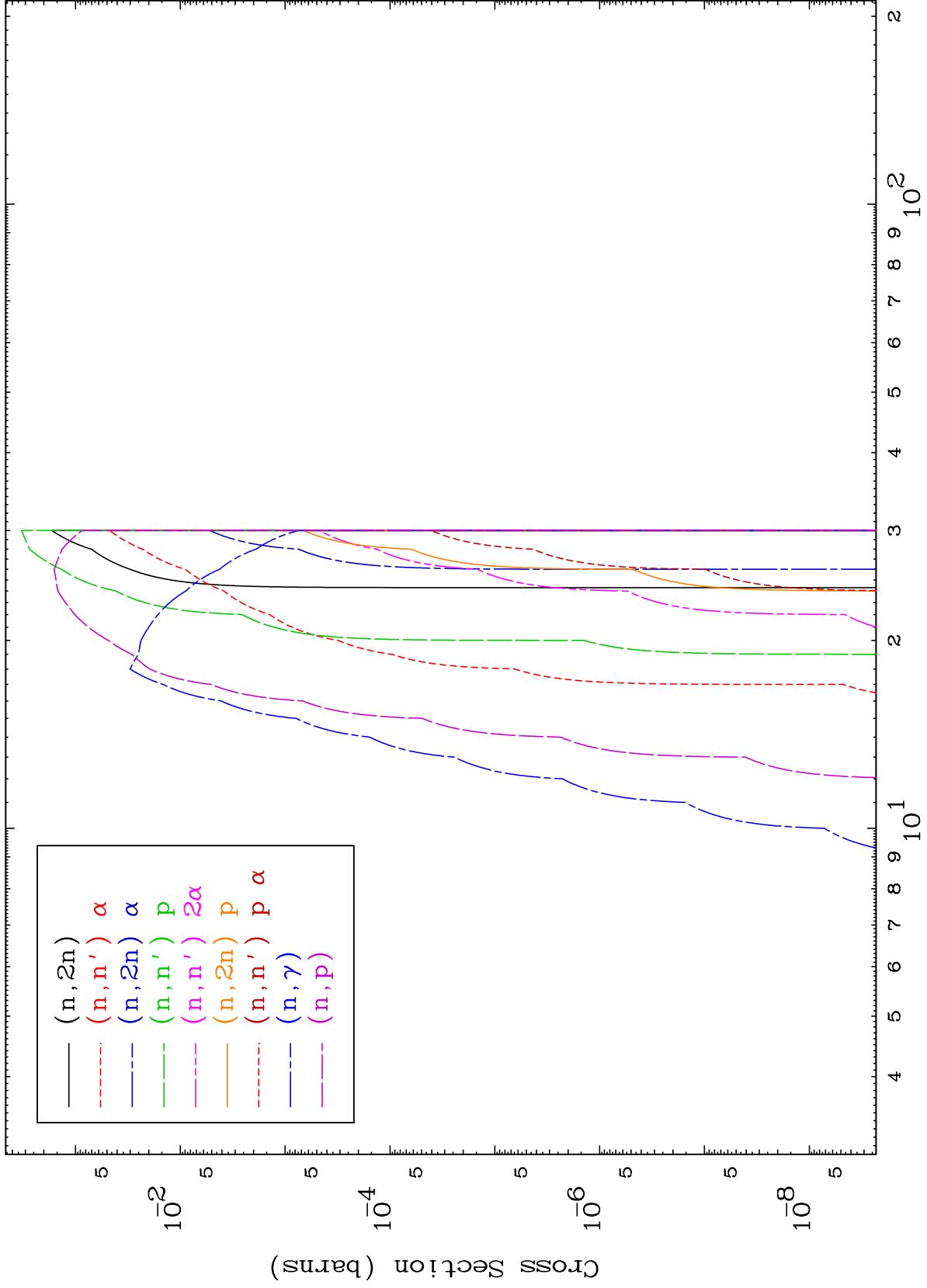
0 Kelvin Cross Sections

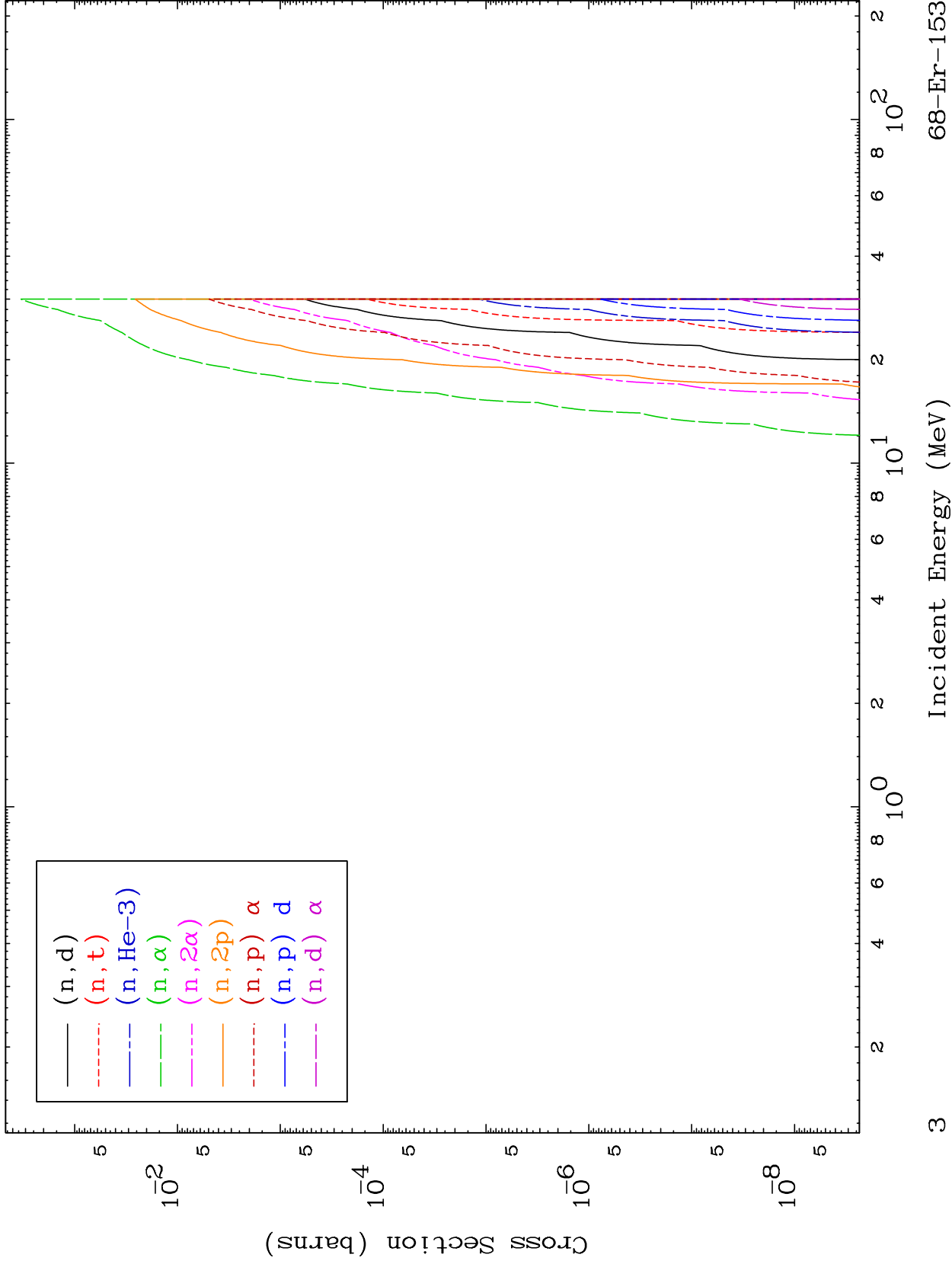


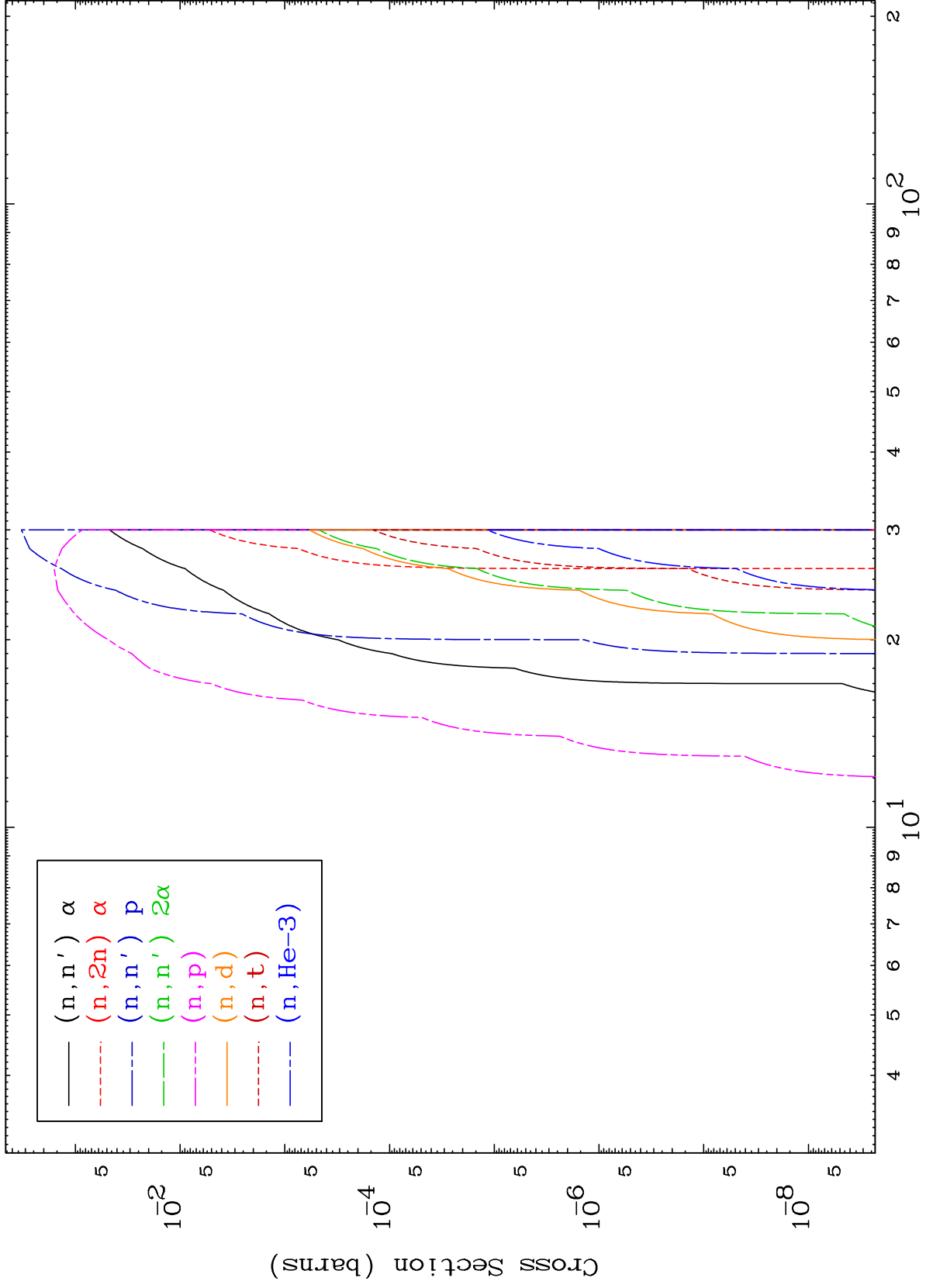
1

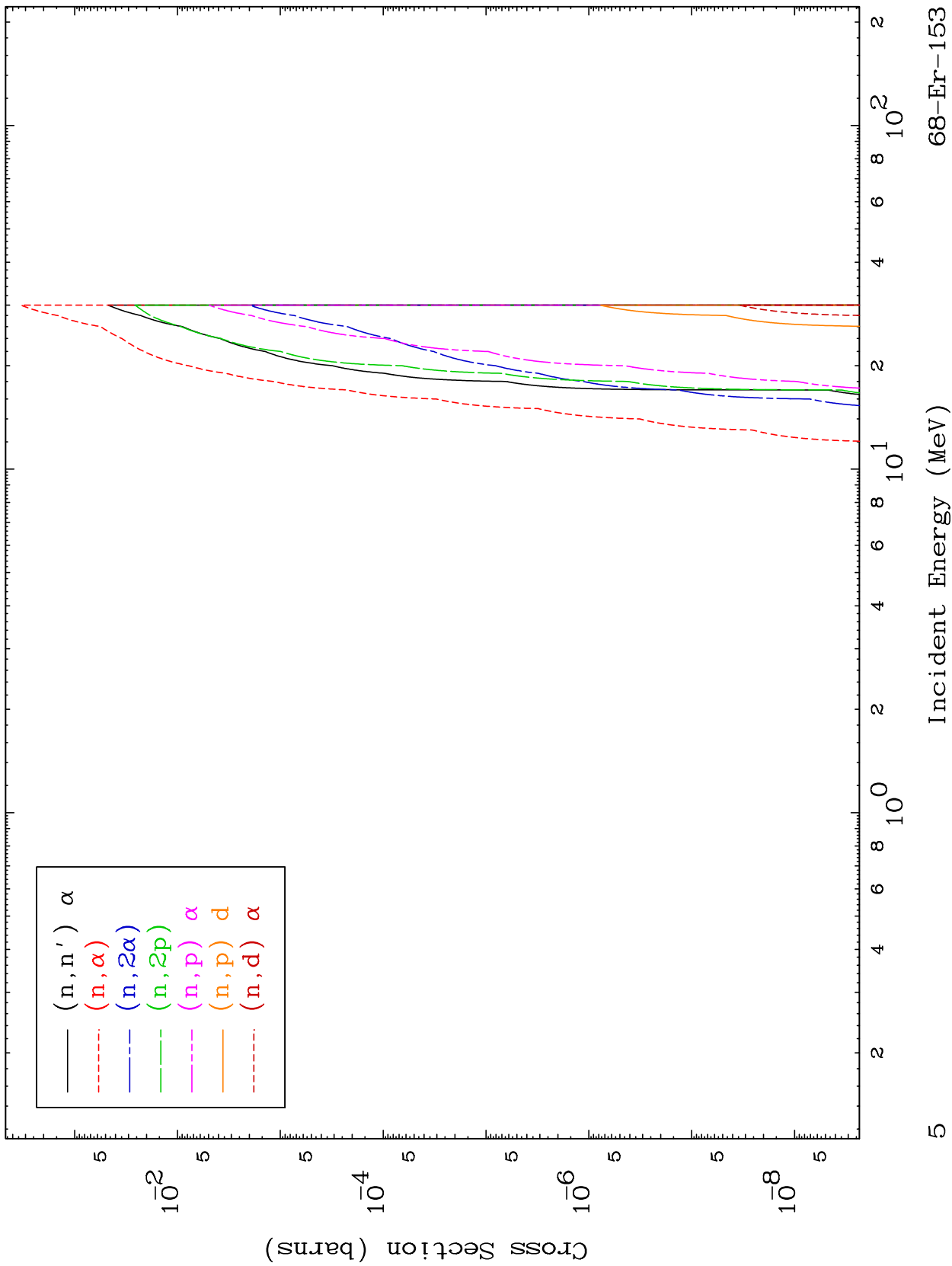
Incident Energy (MeV)

68-Er-153





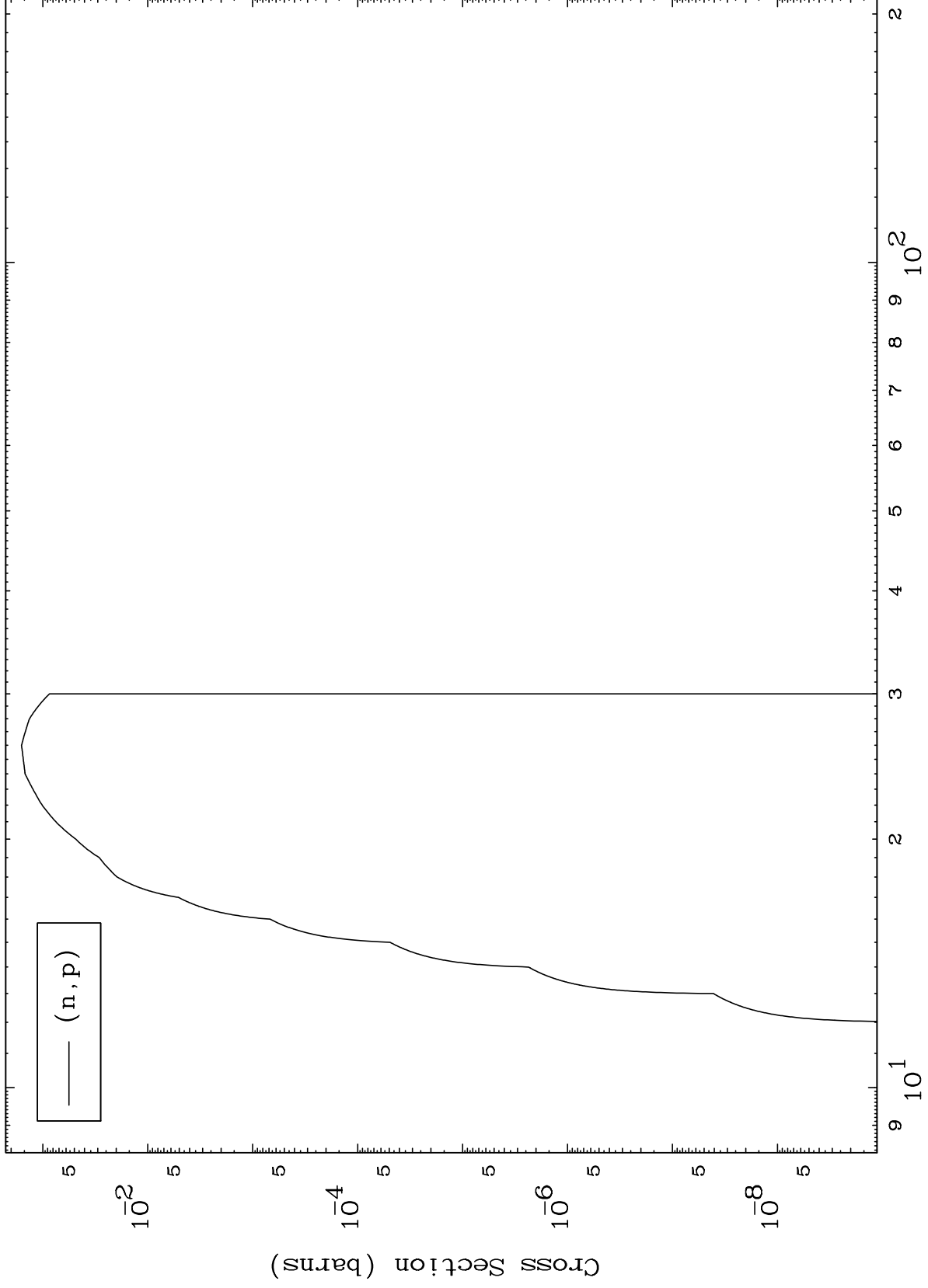




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( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

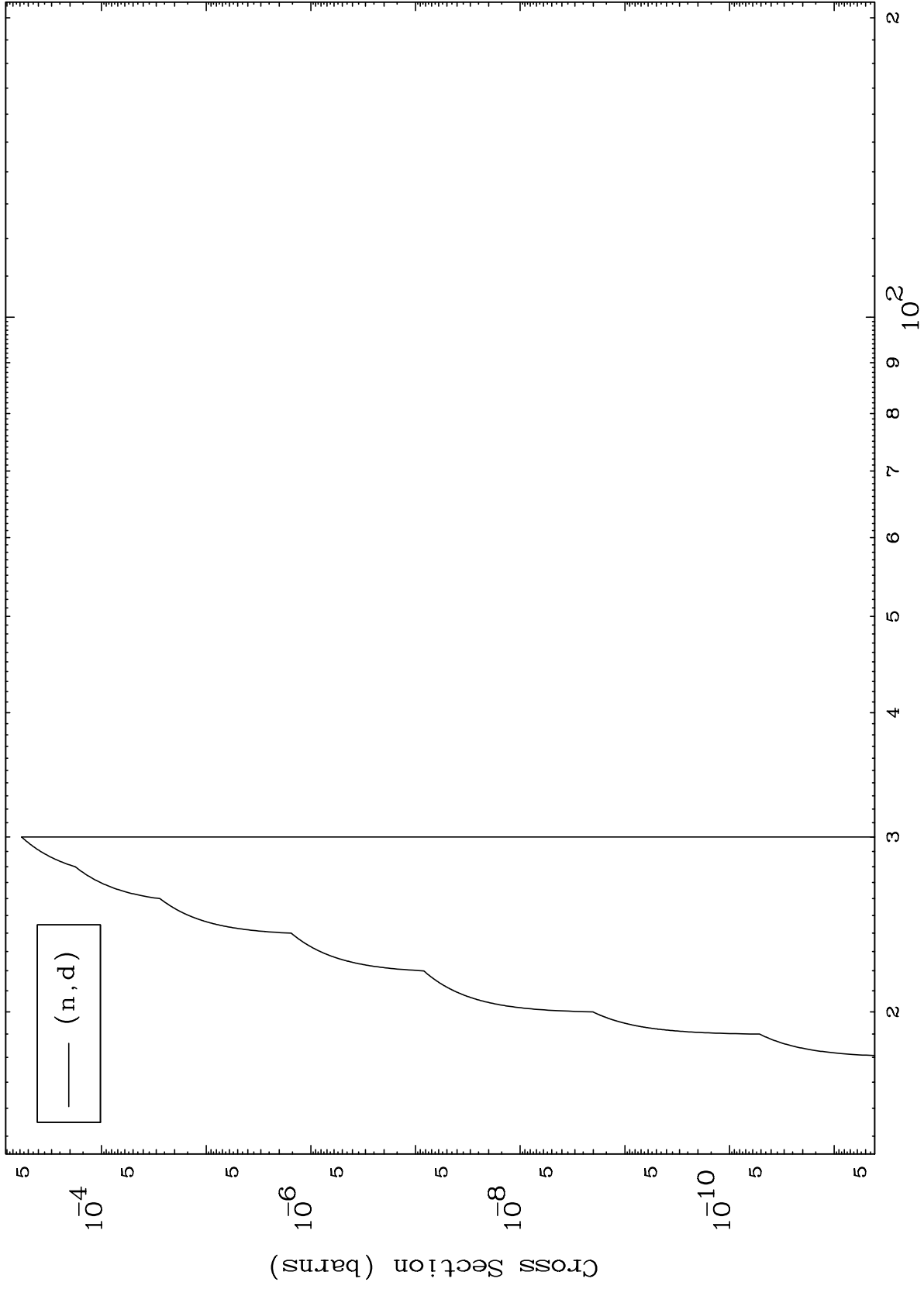
68-Er-153



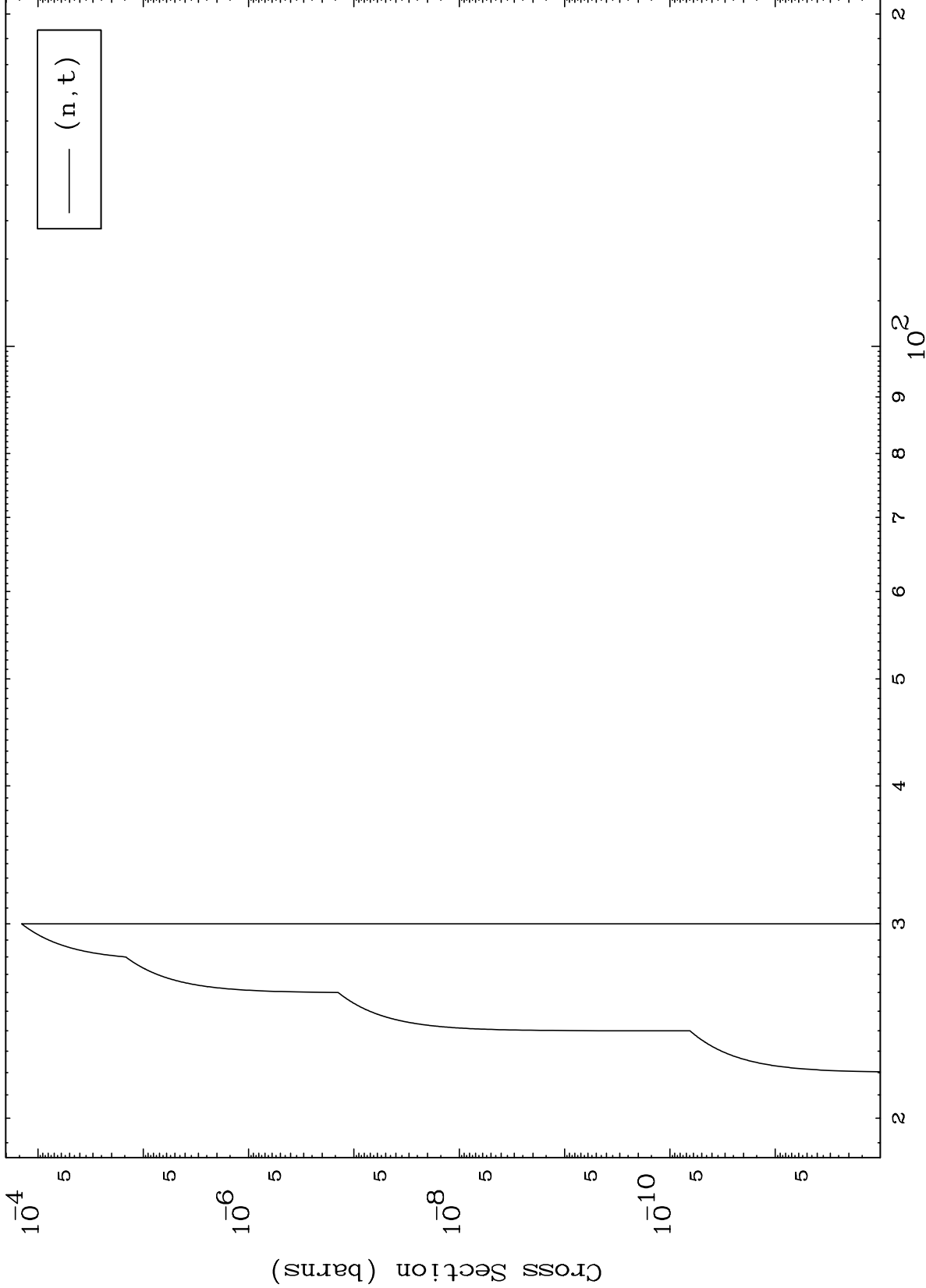
6

Incident Energy (MeV)

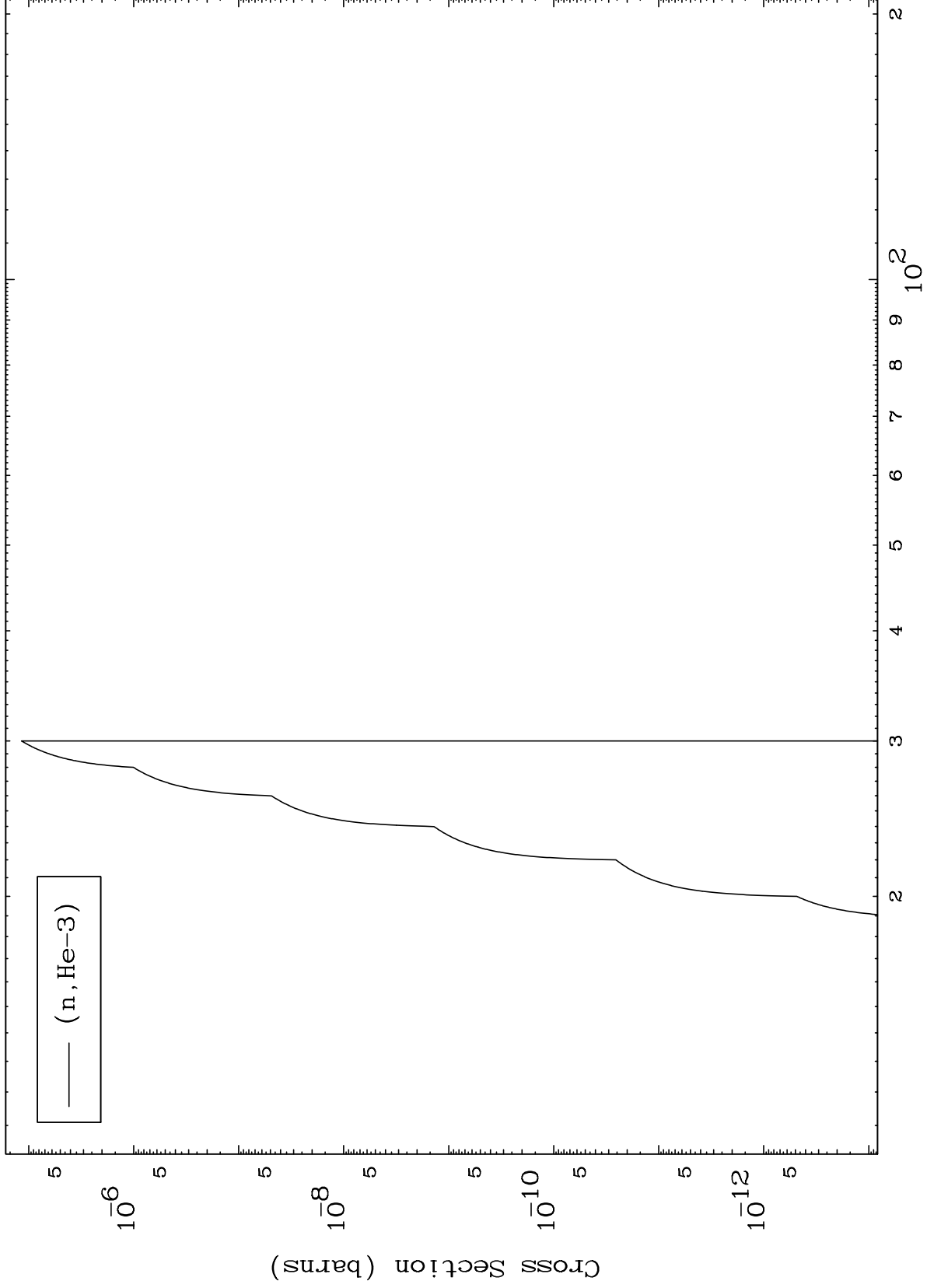
68-Er-153







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

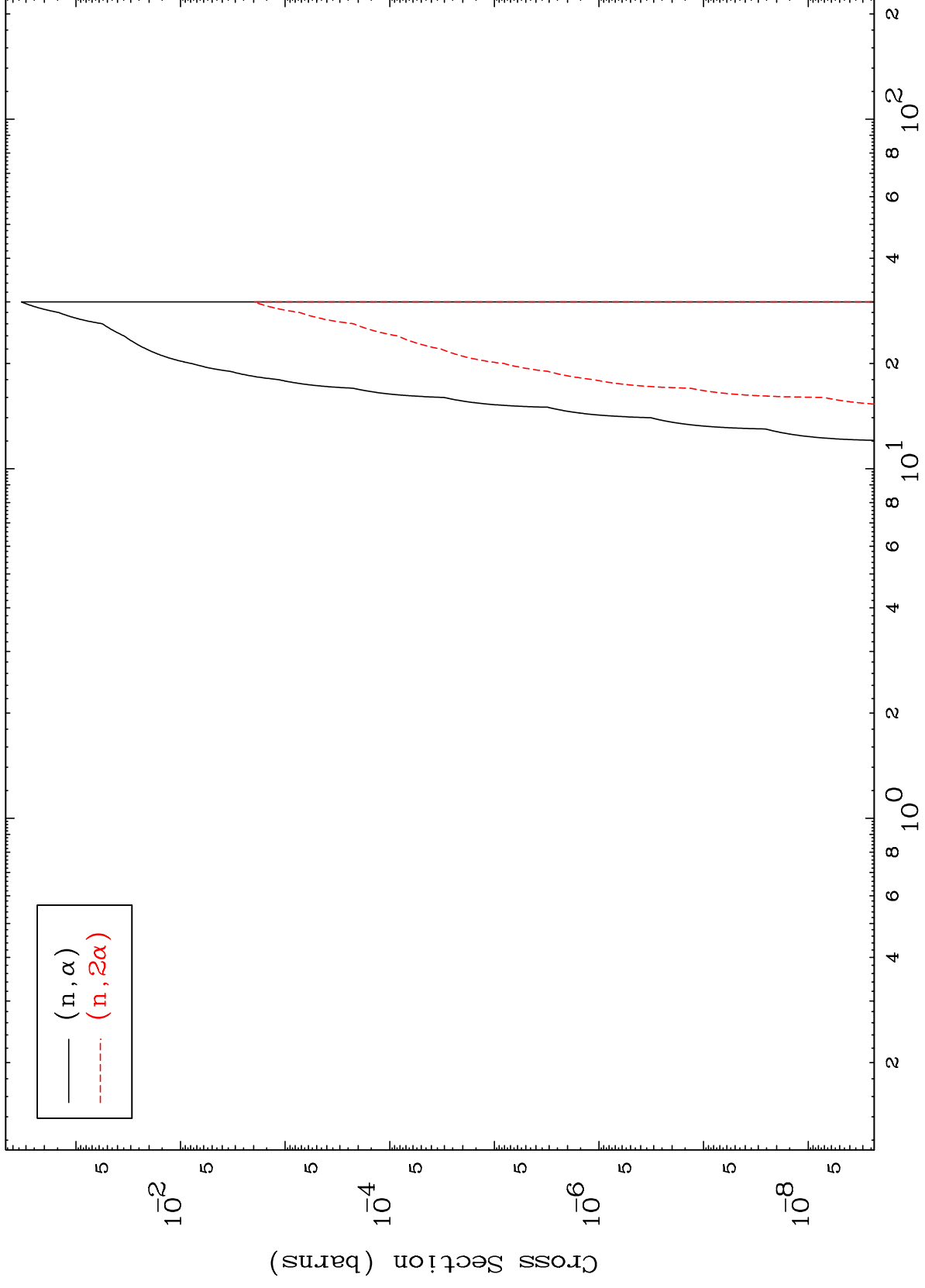


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( $\alpha, \alpha$ ) Levels

68-Er-153

0 Kelvin Cross Sections



— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

10

Incident Energy (MeV)

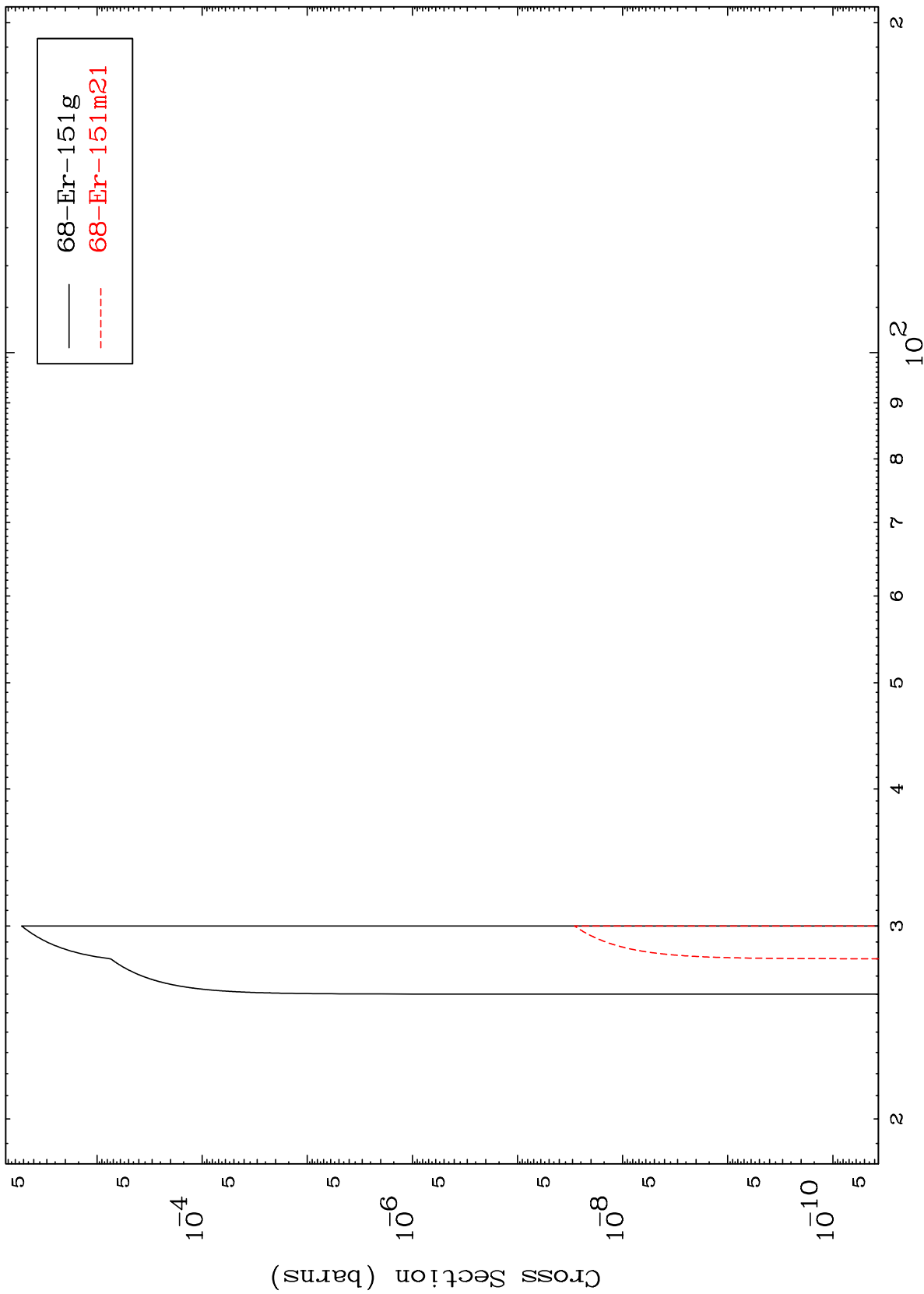
68-Er-153

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$(n,2n) \alpha$

68-Er-153

Radionuclide Production Cross Section

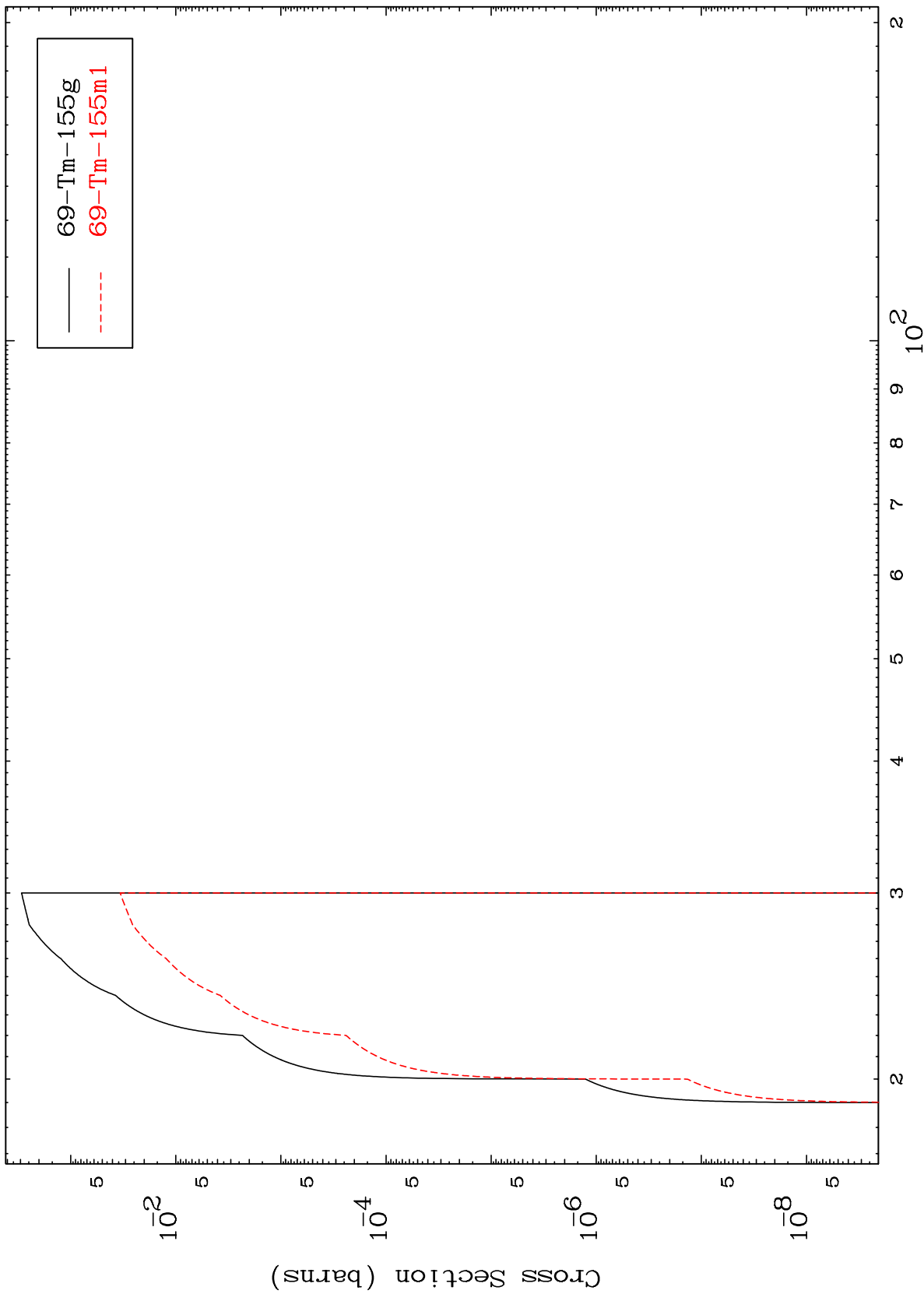


11

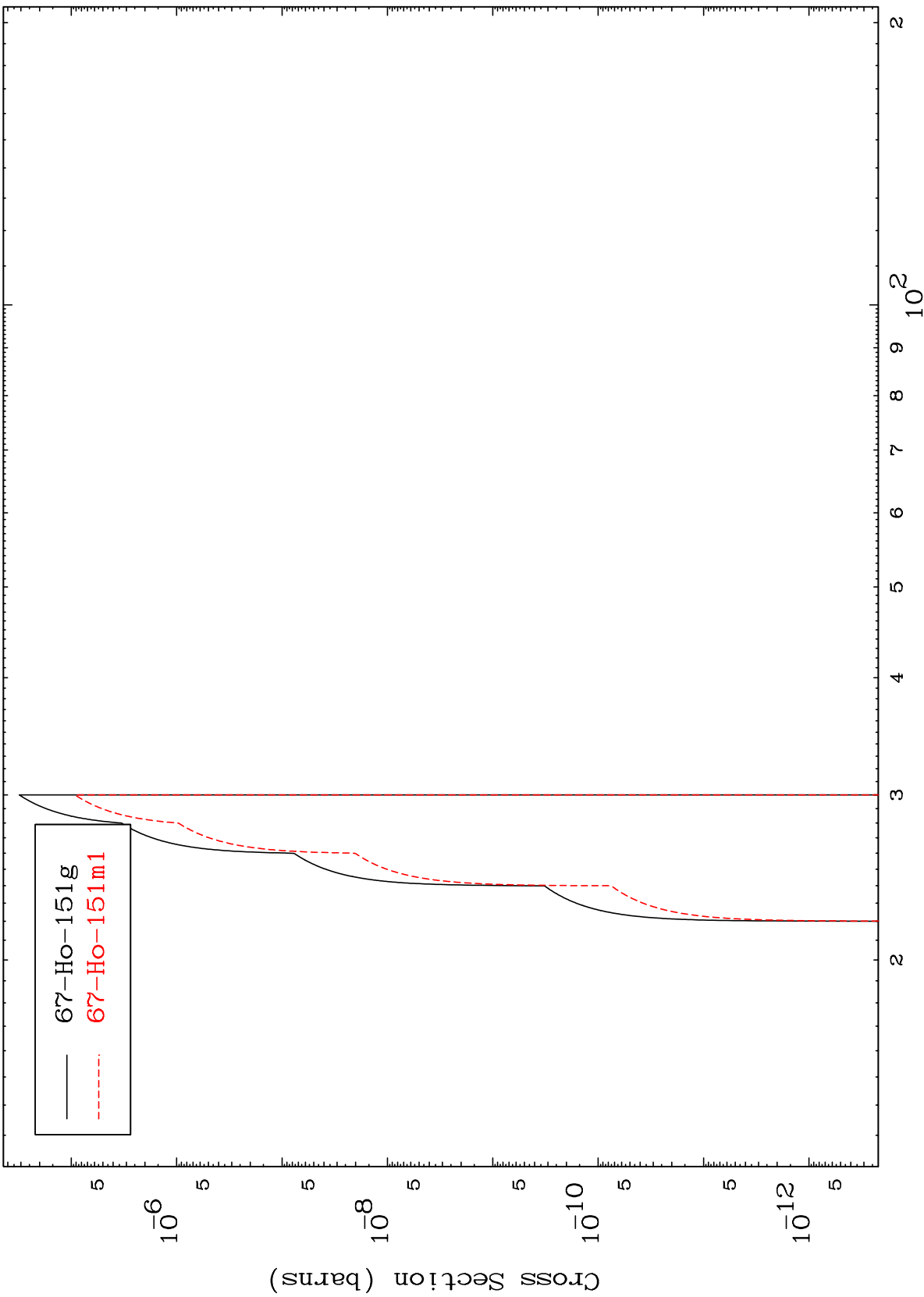
Incident Energy (MeV)

68-Er-153

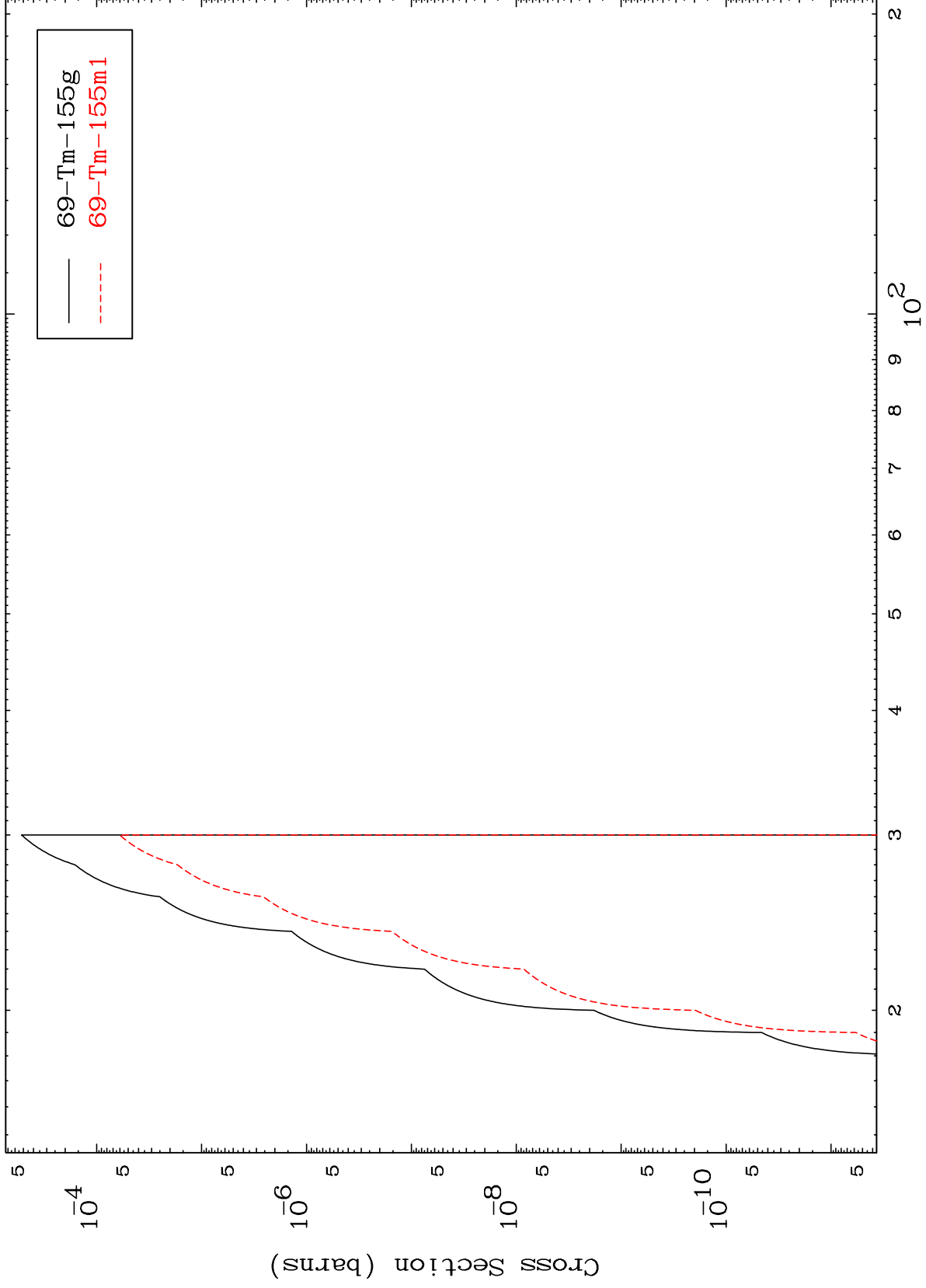
Radionuclide Production Cross Section



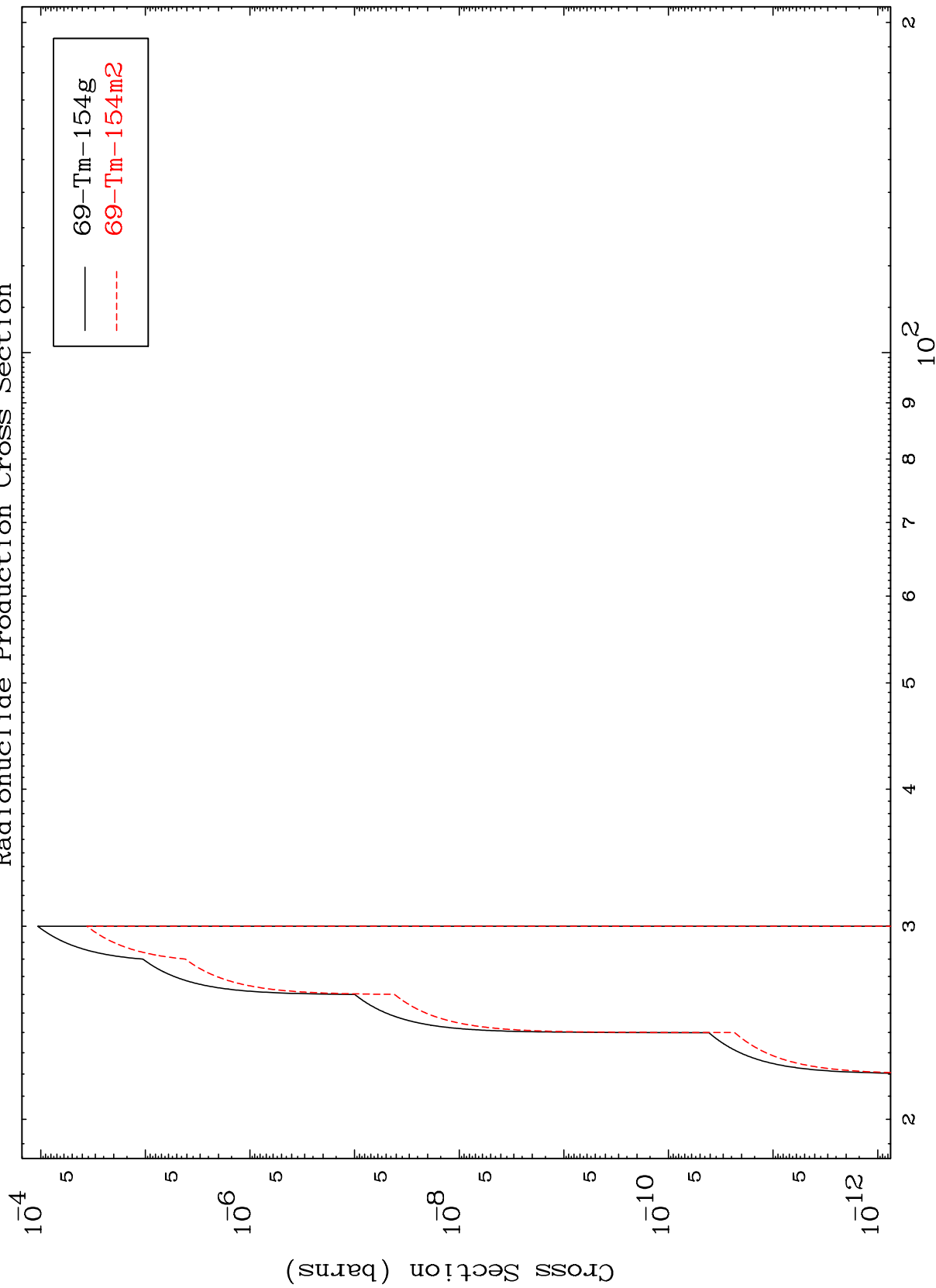
Radionuclide Production Cross Section



(n,d)  
Radionuclide Production Cross Section



(n, t)  
Radionuclide Production Cross Section



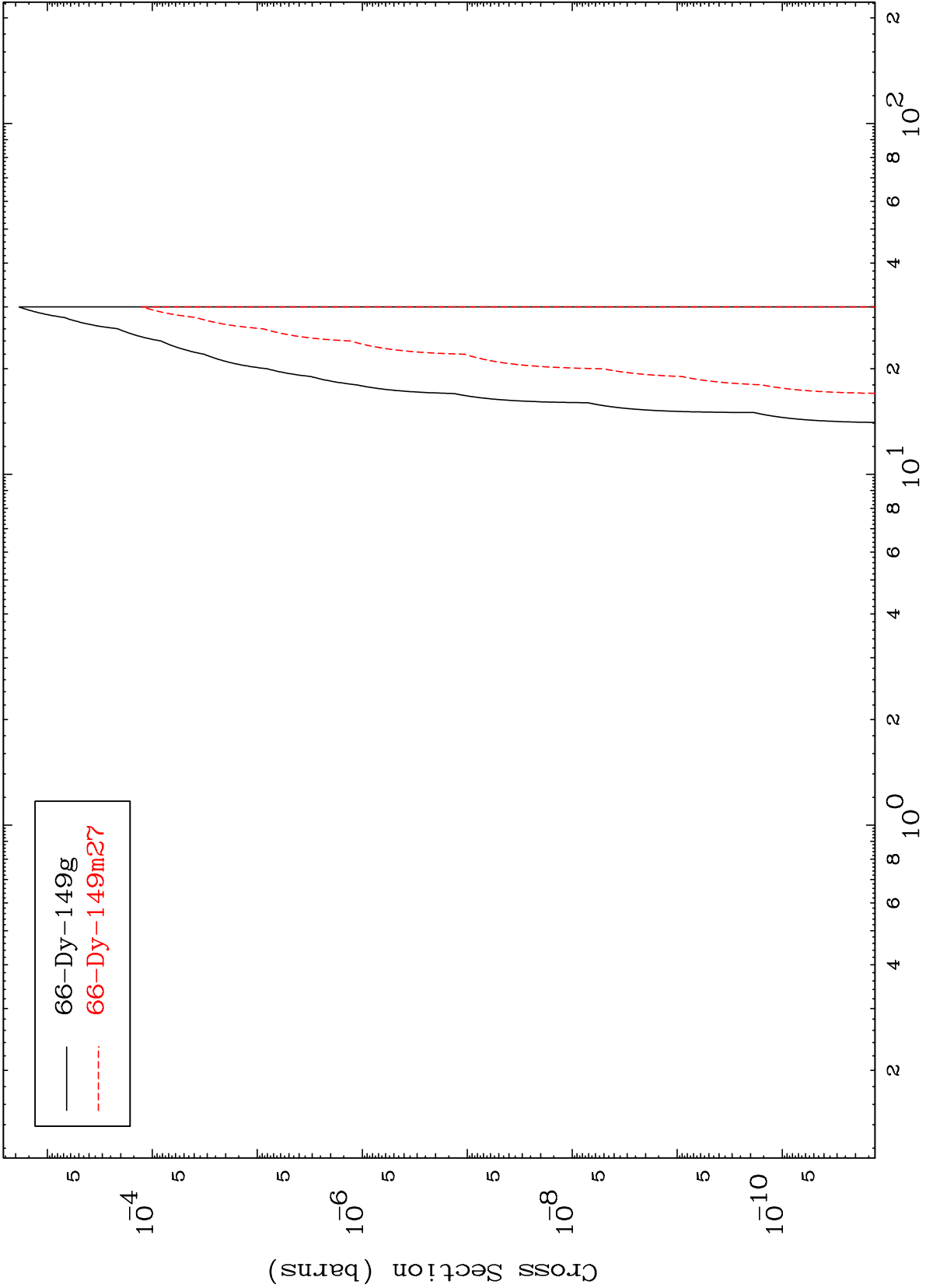


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(n,2α)

68-Er-153

Radionuclide Production Cross Section



66-Dy-149g  
66-Dy-149m27

16

Incident Energy (MeV)

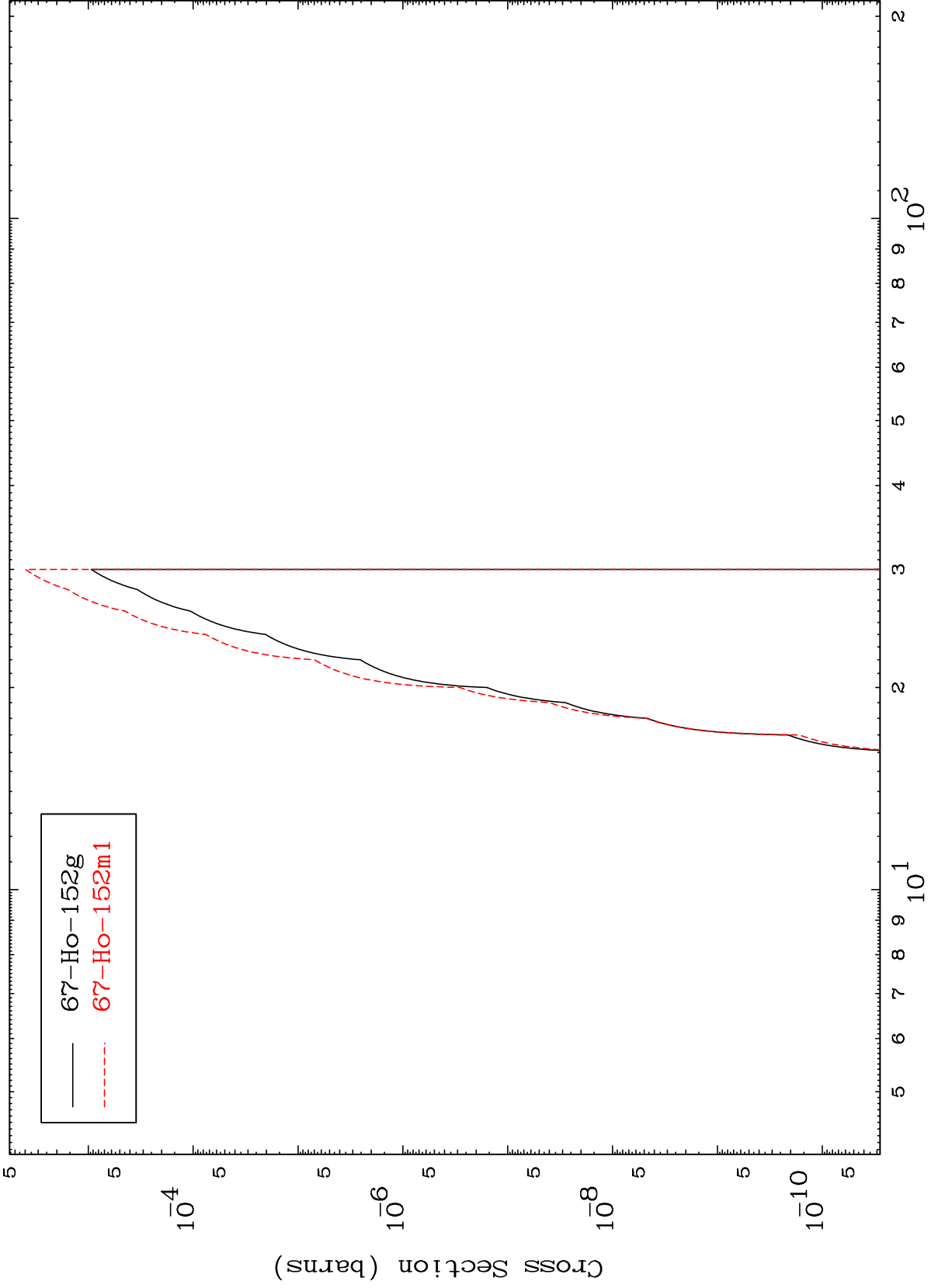
68-Er-153

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(n,p)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



17

Incident Energy (MeV)

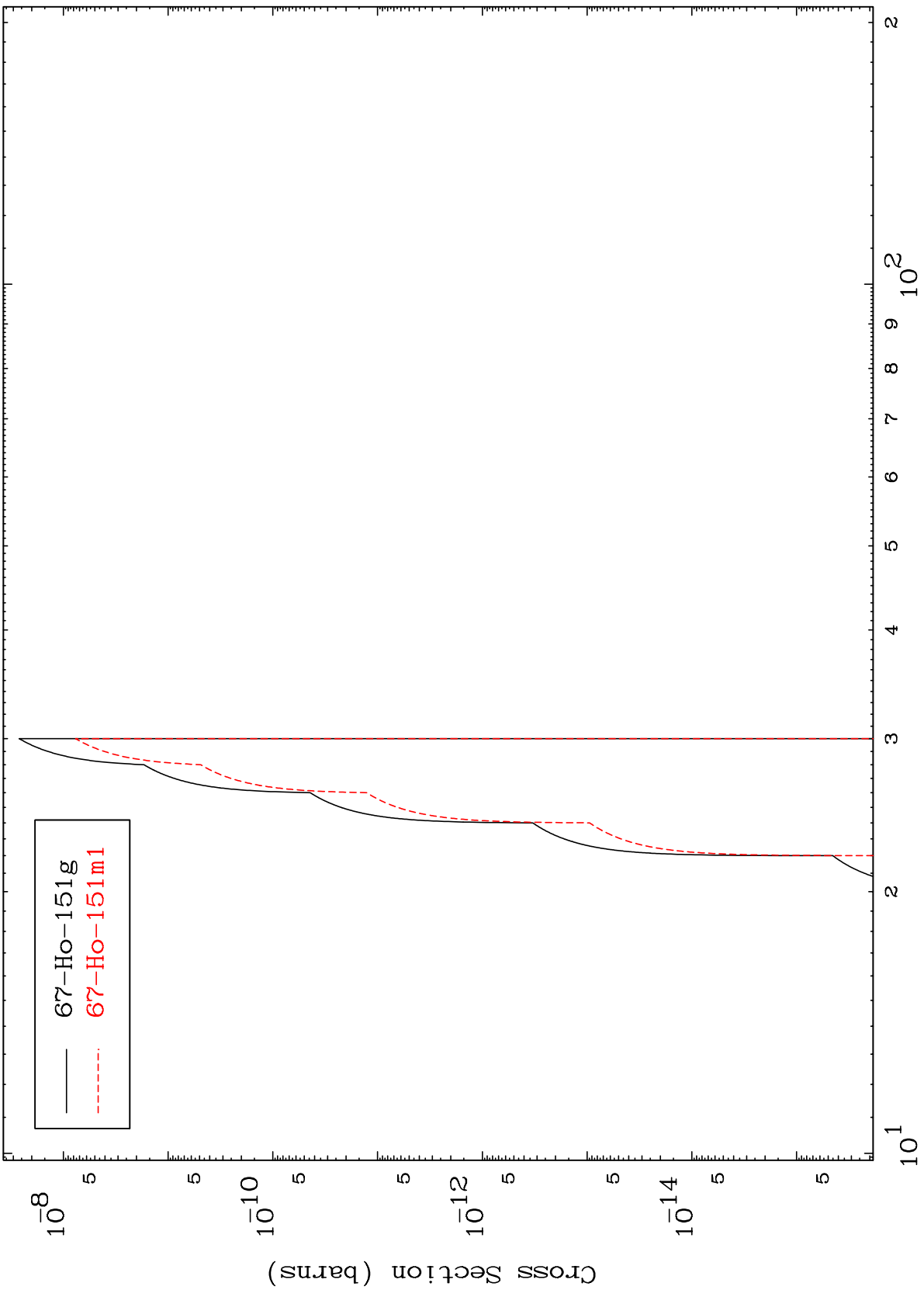
68-Er-153

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(n,d)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



18

Incident Energy (MeV)

68-Er-153