

Program EVALPLOT
(Version 2021-1)

by

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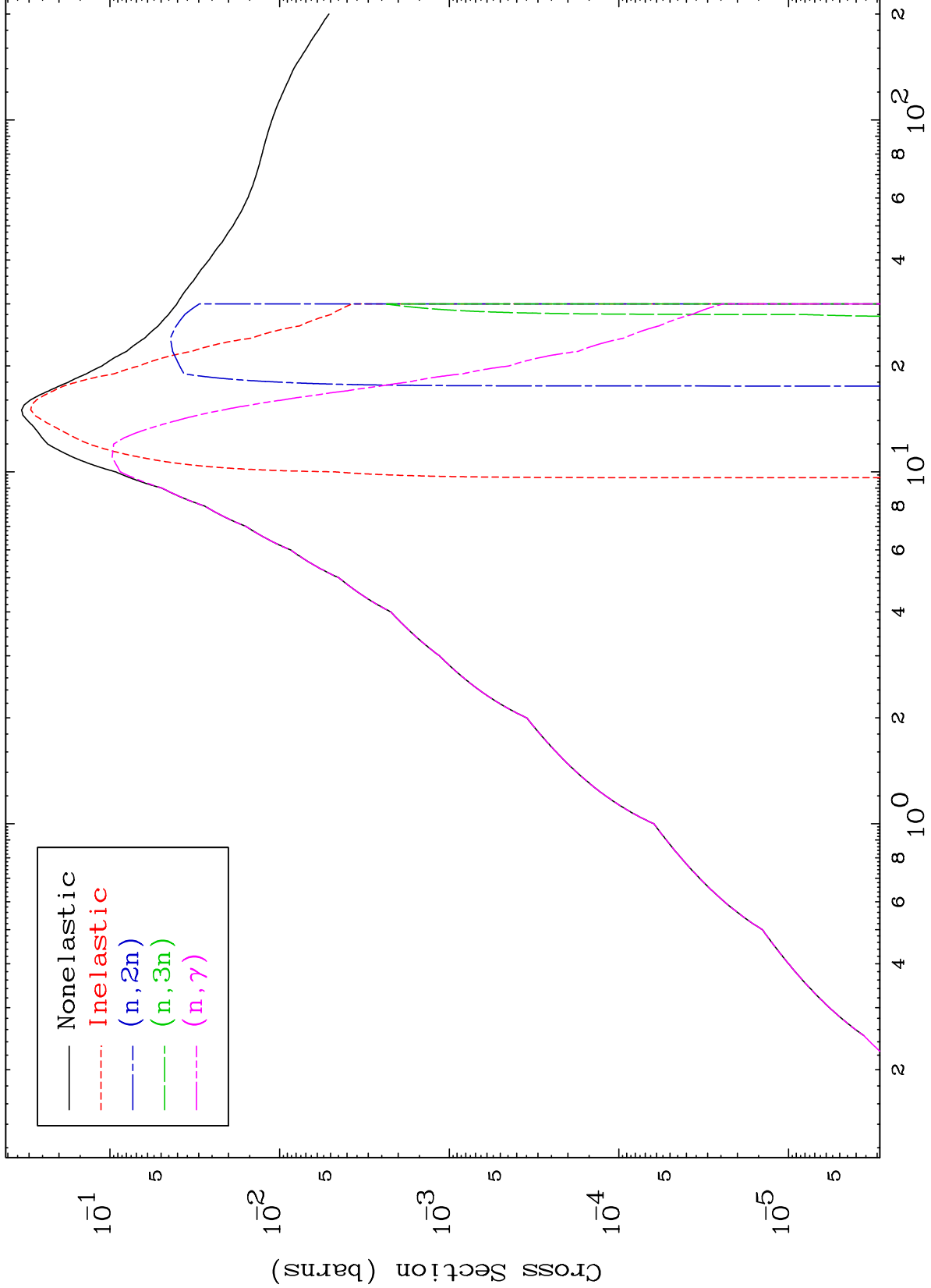
Press Mouse Button to Start

MAT 7299

Photon Major

⁷³Ta-171m

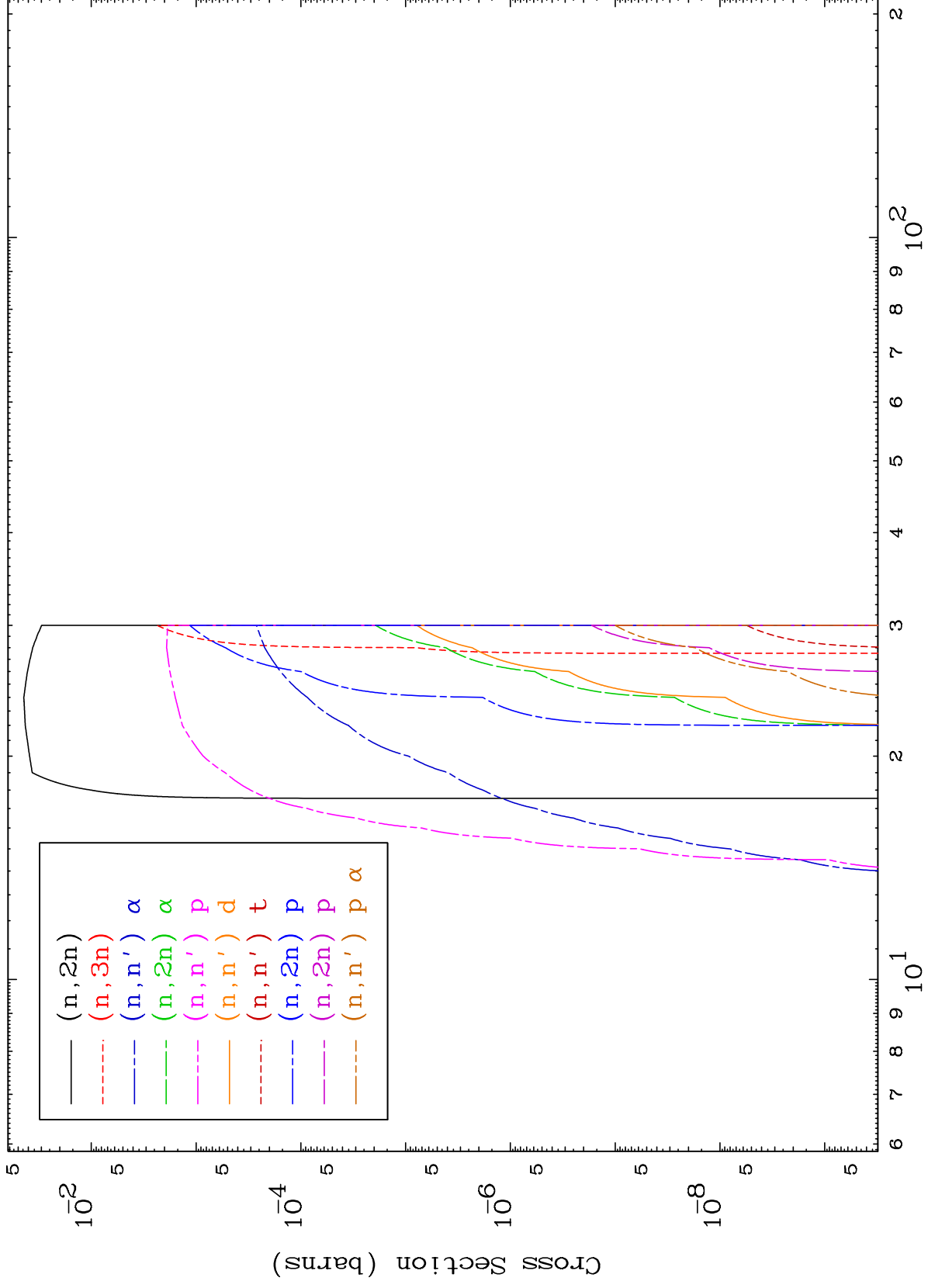
0 Kelvin Cross Sections



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Photon Neutron Absorption
0 Kelvin Cross Sections

⁷³Ta-171m



⁷³Ta-171m

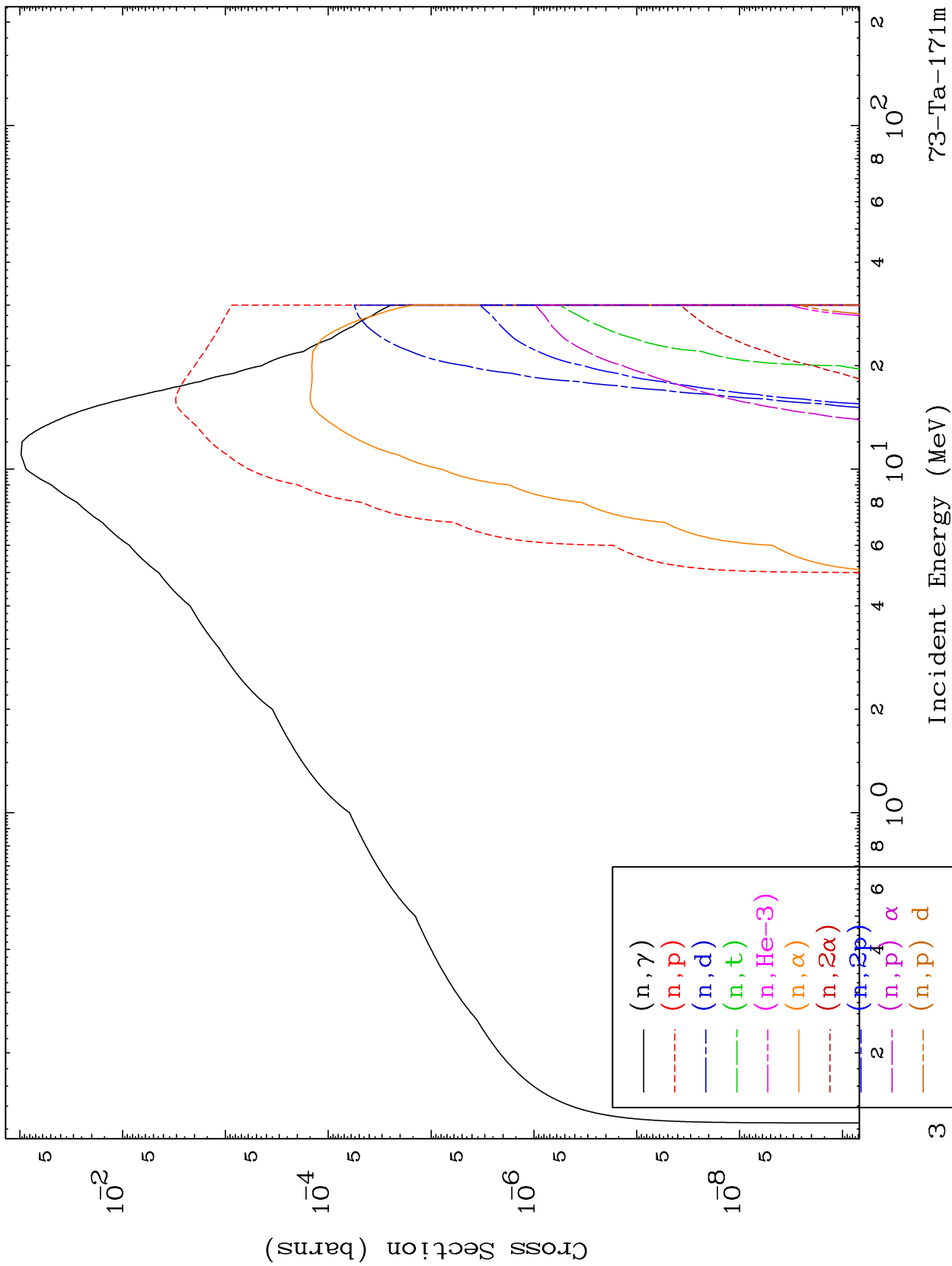
Incident Energy (MeV)

2

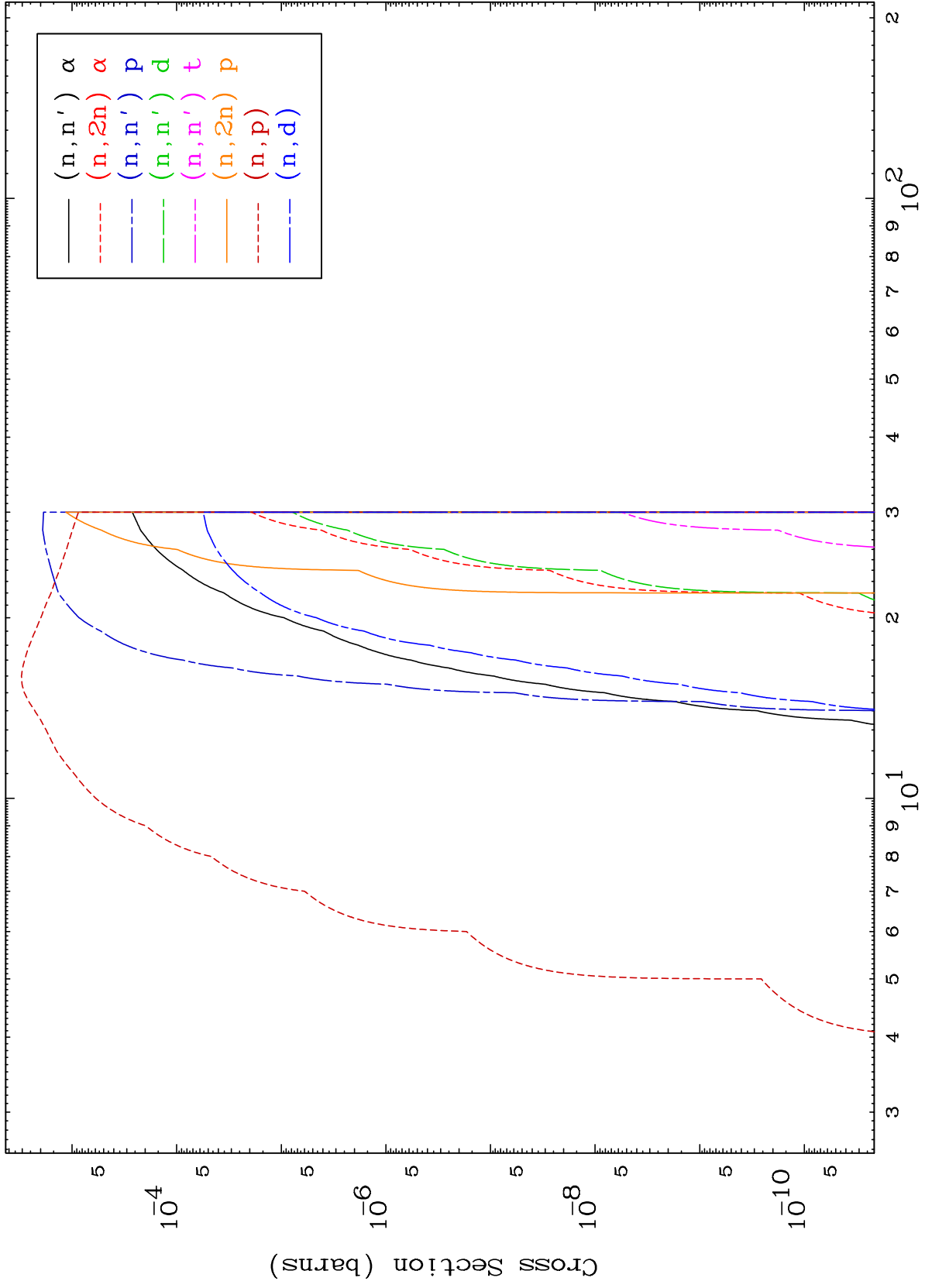
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Photon Neutron Absorption
0 Kelvin Cross Sections

⁷³Ta-171m



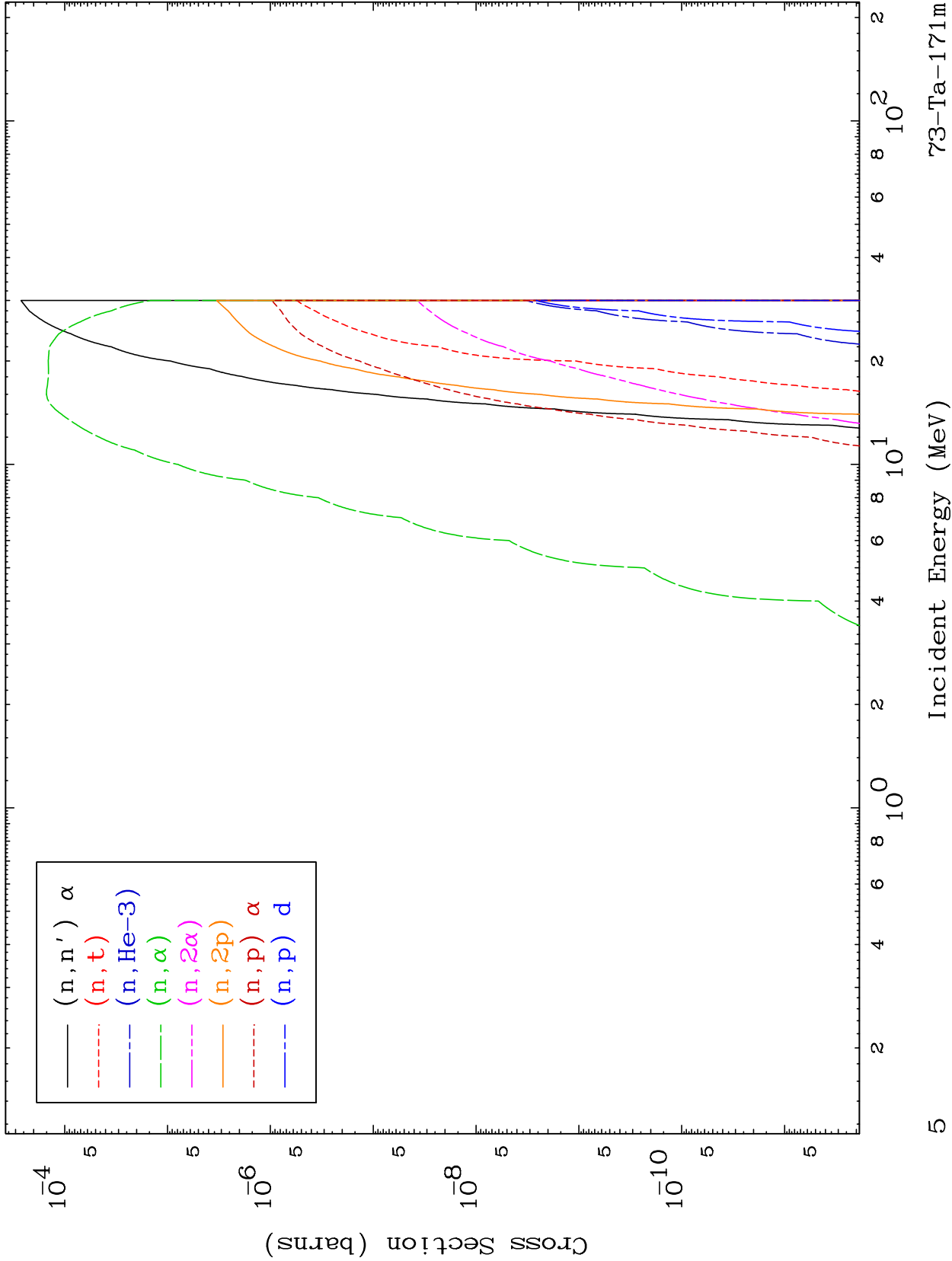
3



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Photon Charged Particle
0 Kelvin Cross Sections

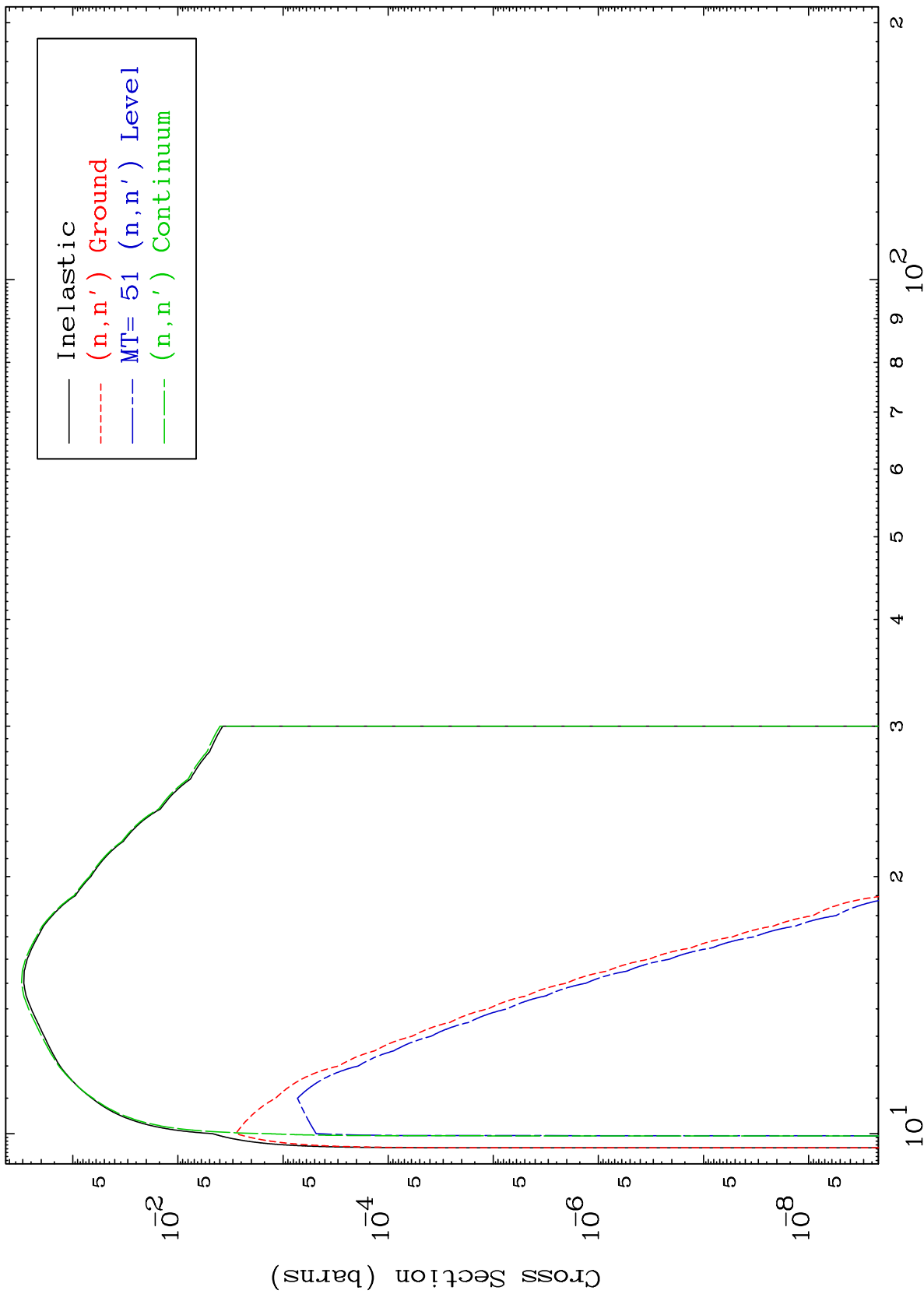
⁷³Ta-171m



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^{73}Ta -171m

0 Kelvin Cross Sections
(γ, n') Levels



^{73}Ta -171m

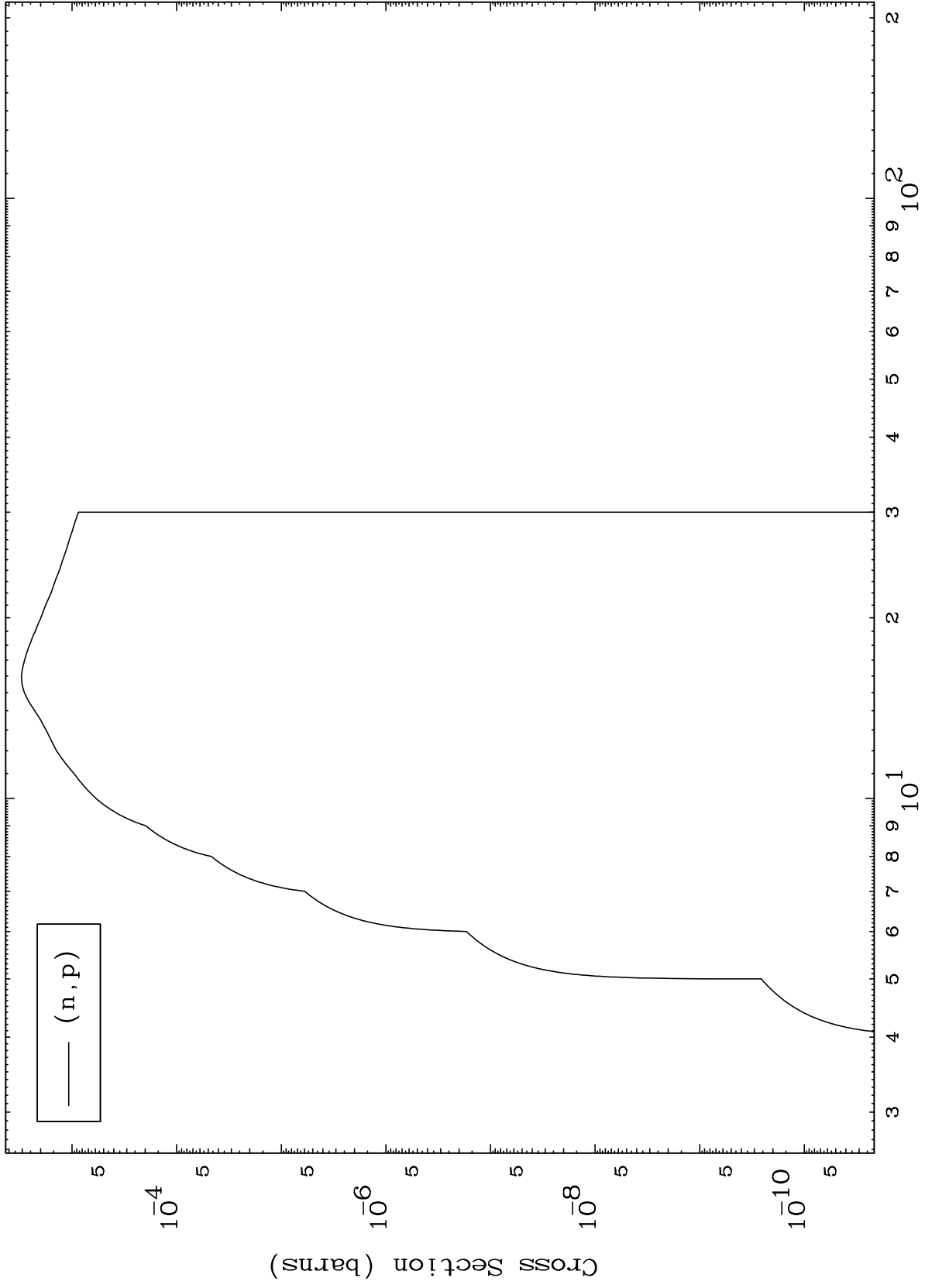
Incident Energy (MeV)

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(γ, p) Levels

$^{73}\text{Ta}-171\text{m}$

0 Kelvin Cross Sections



7

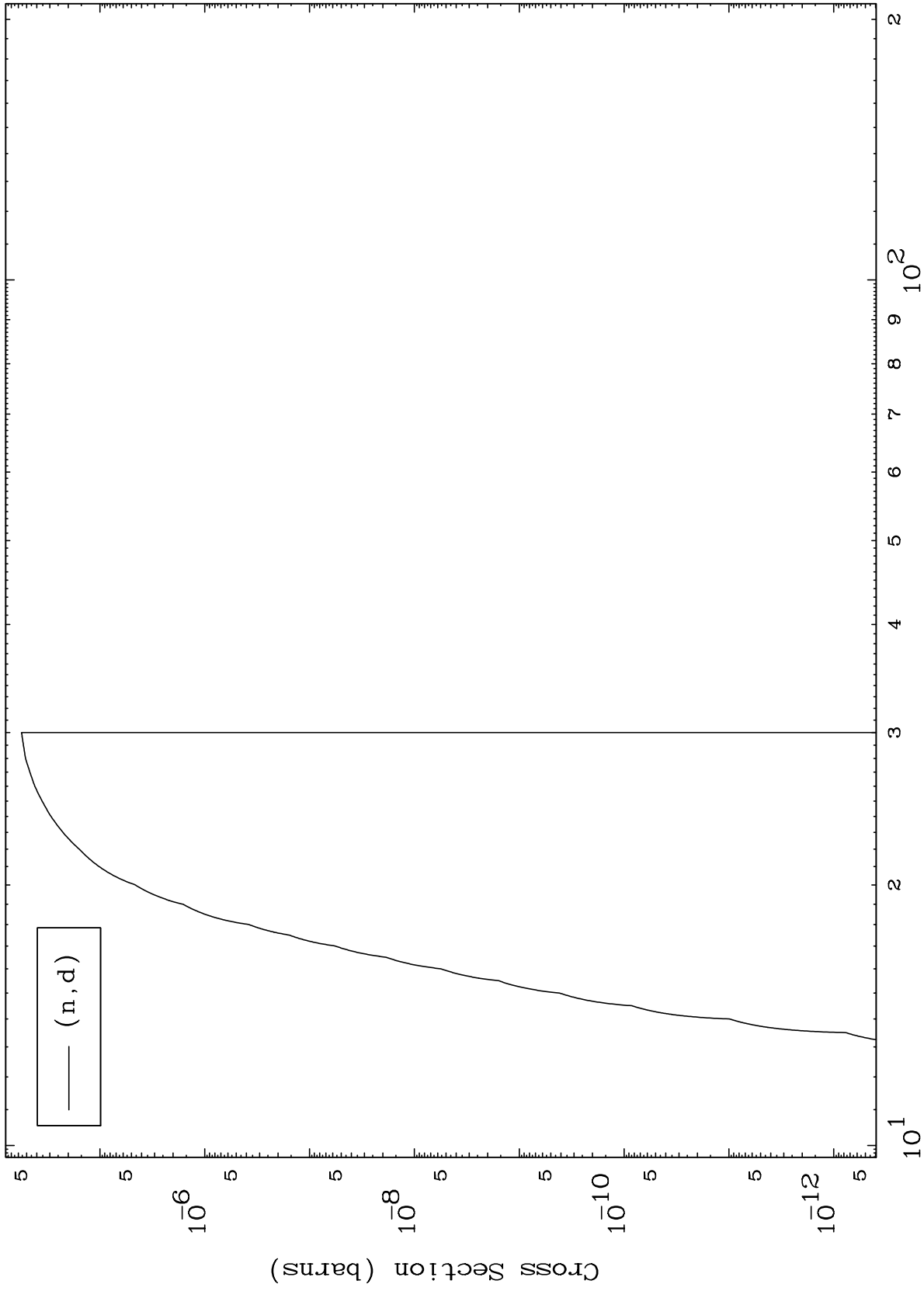
Incident Energy (MeV)

$^{73}\text{Ta}-171\text{m}$

MAT 7299

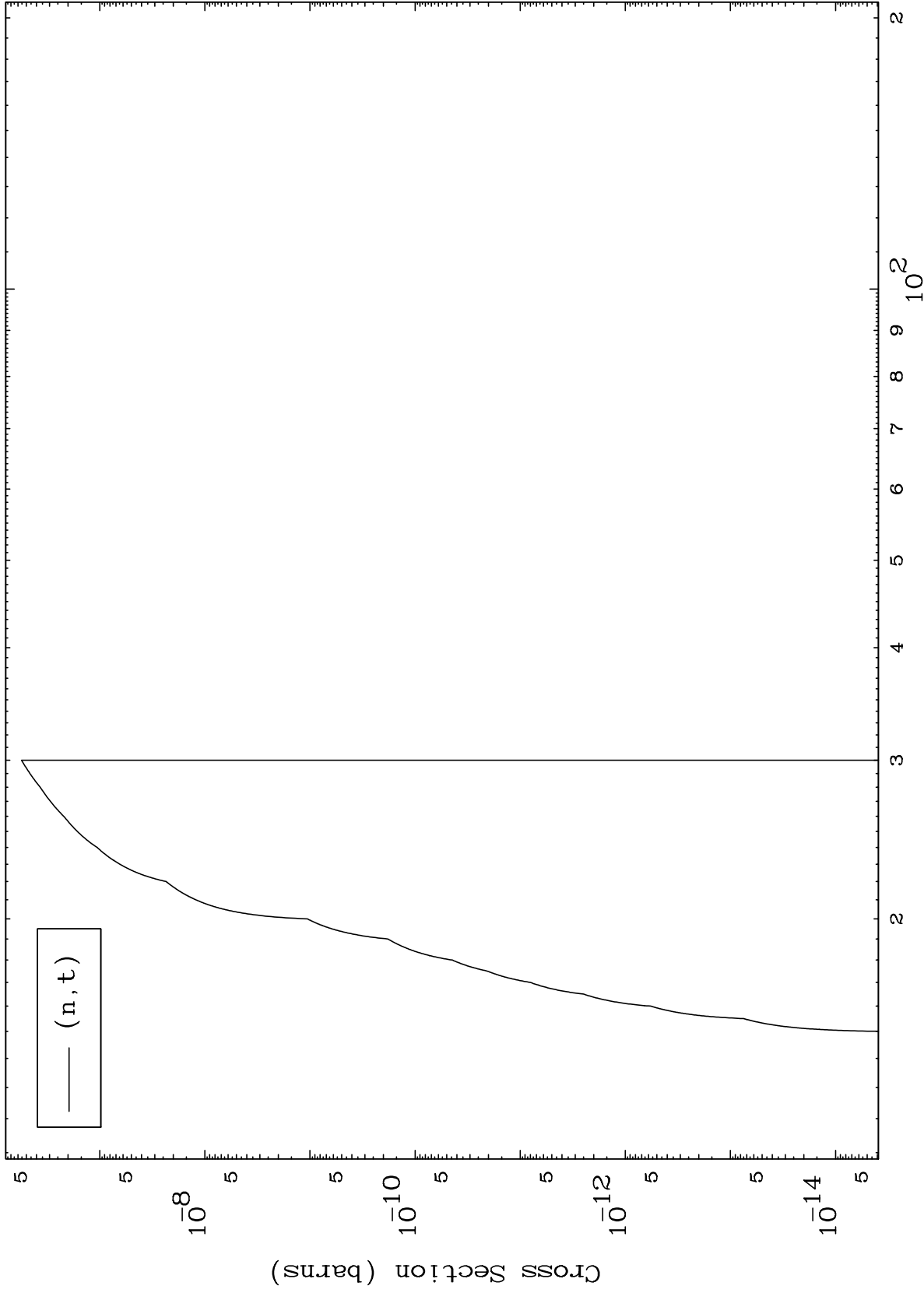
(γ, d) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-171m}$



Incident Energy (MeV)

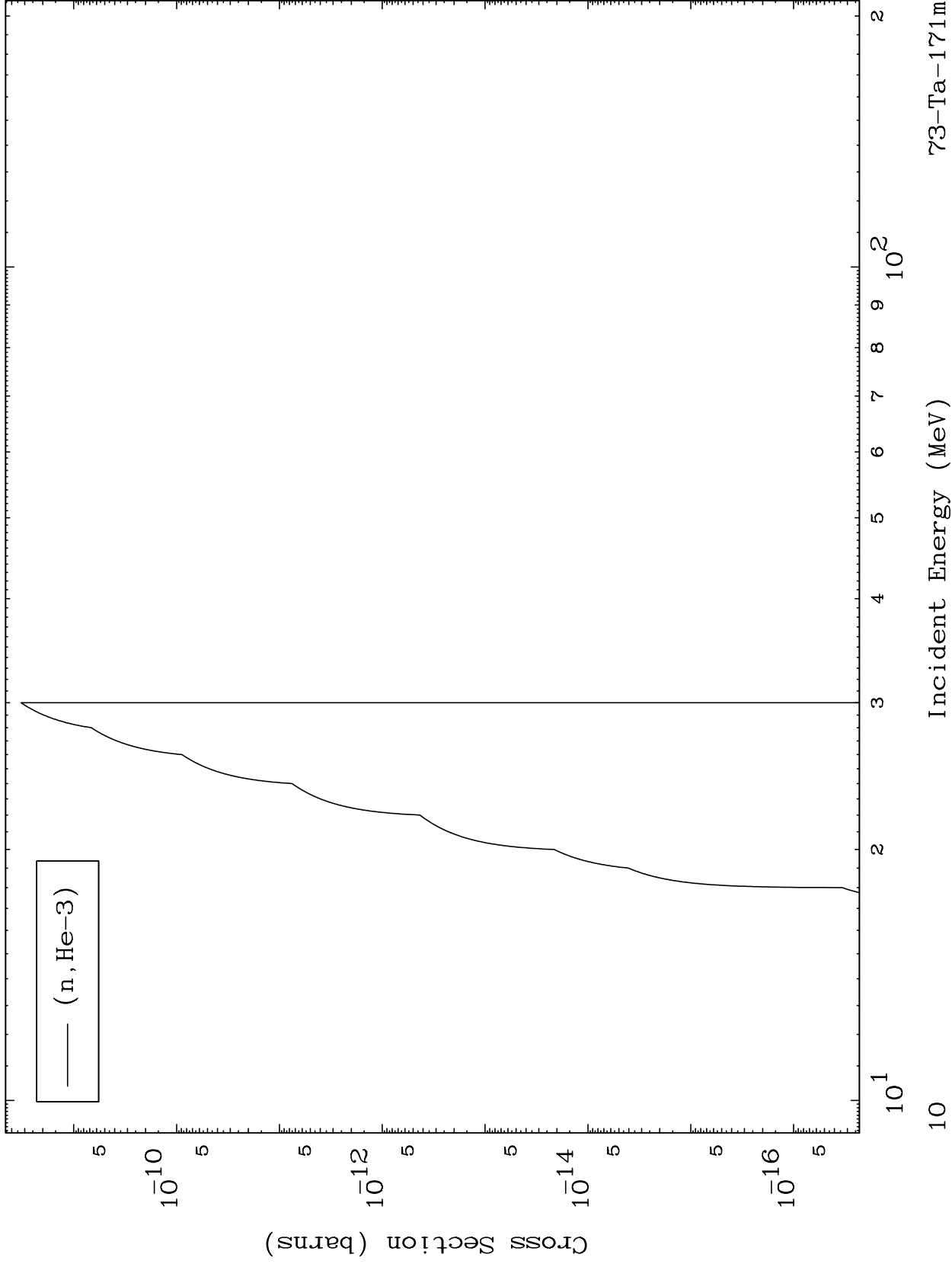
$^{73}\text{Ta-171m}$



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

$^{73}\text{Ta}-171\text{m}$



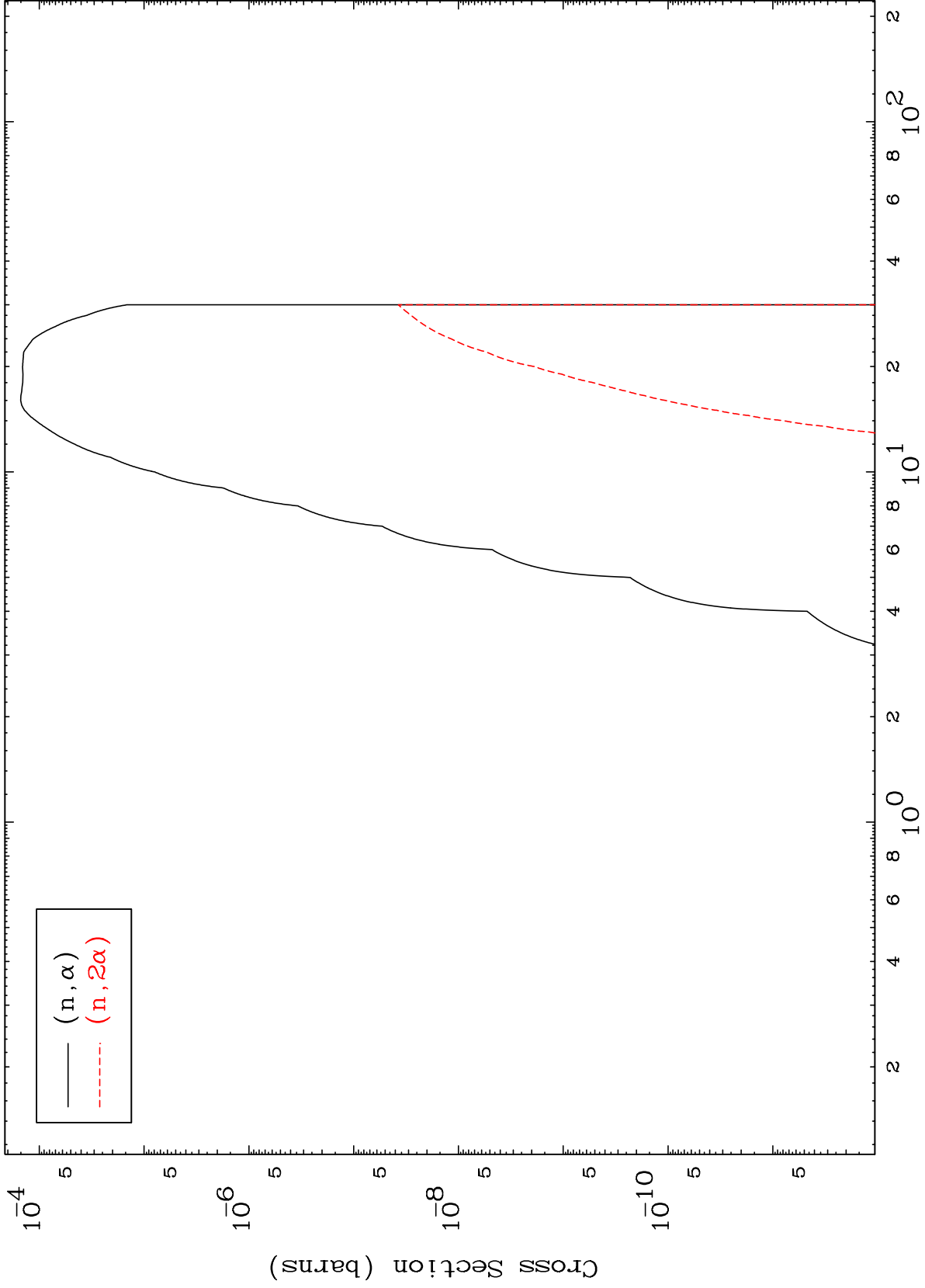
$^{73}\text{Ta}-171\text{m}$

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(γ, α) Levels

$^{73}\text{Ta}-171\text{m}$

0 Kelvin Cross Sections

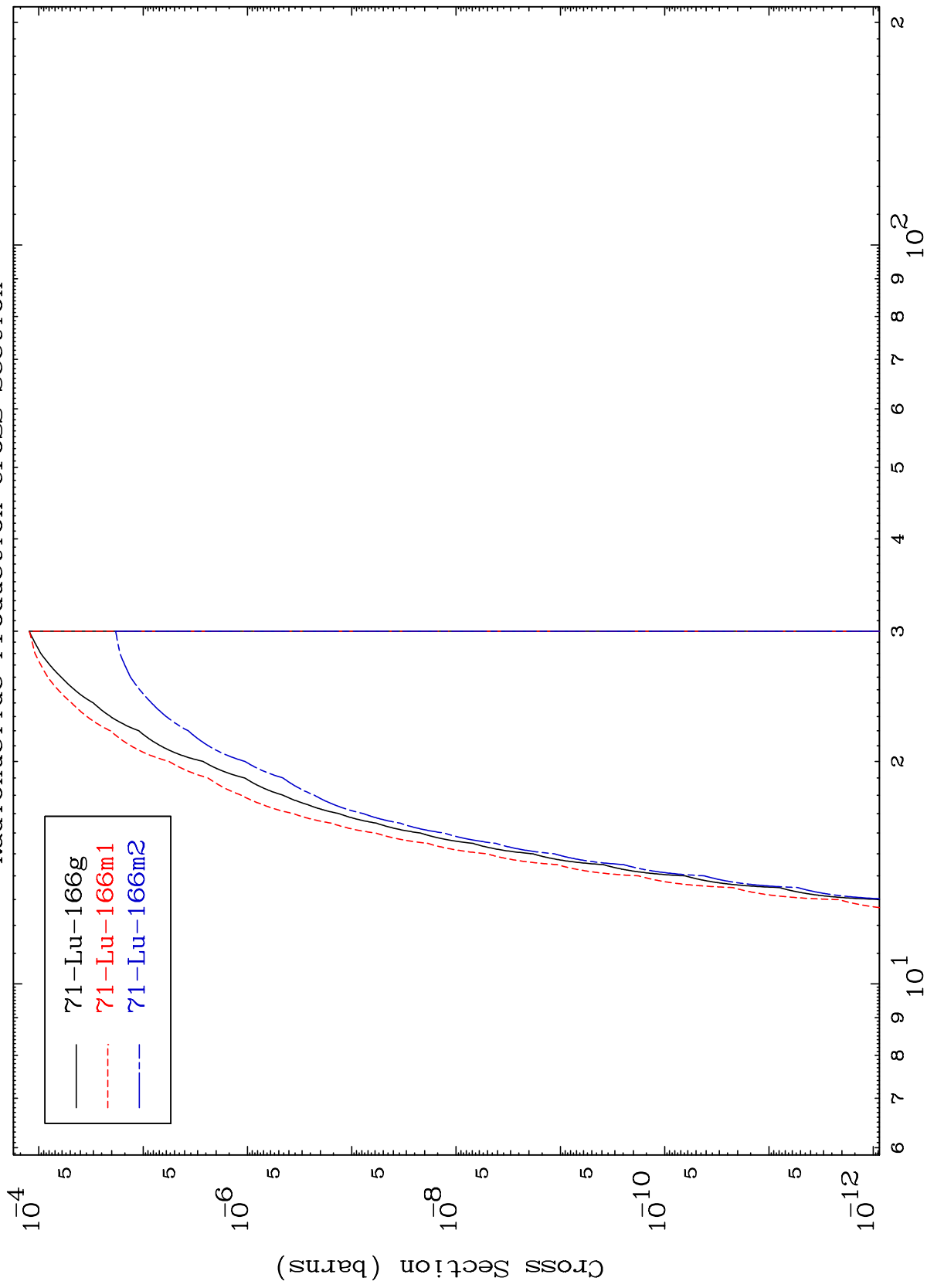


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(n,n') α

⁷³Ta-171m

Radionuclide Production Cross Section



12

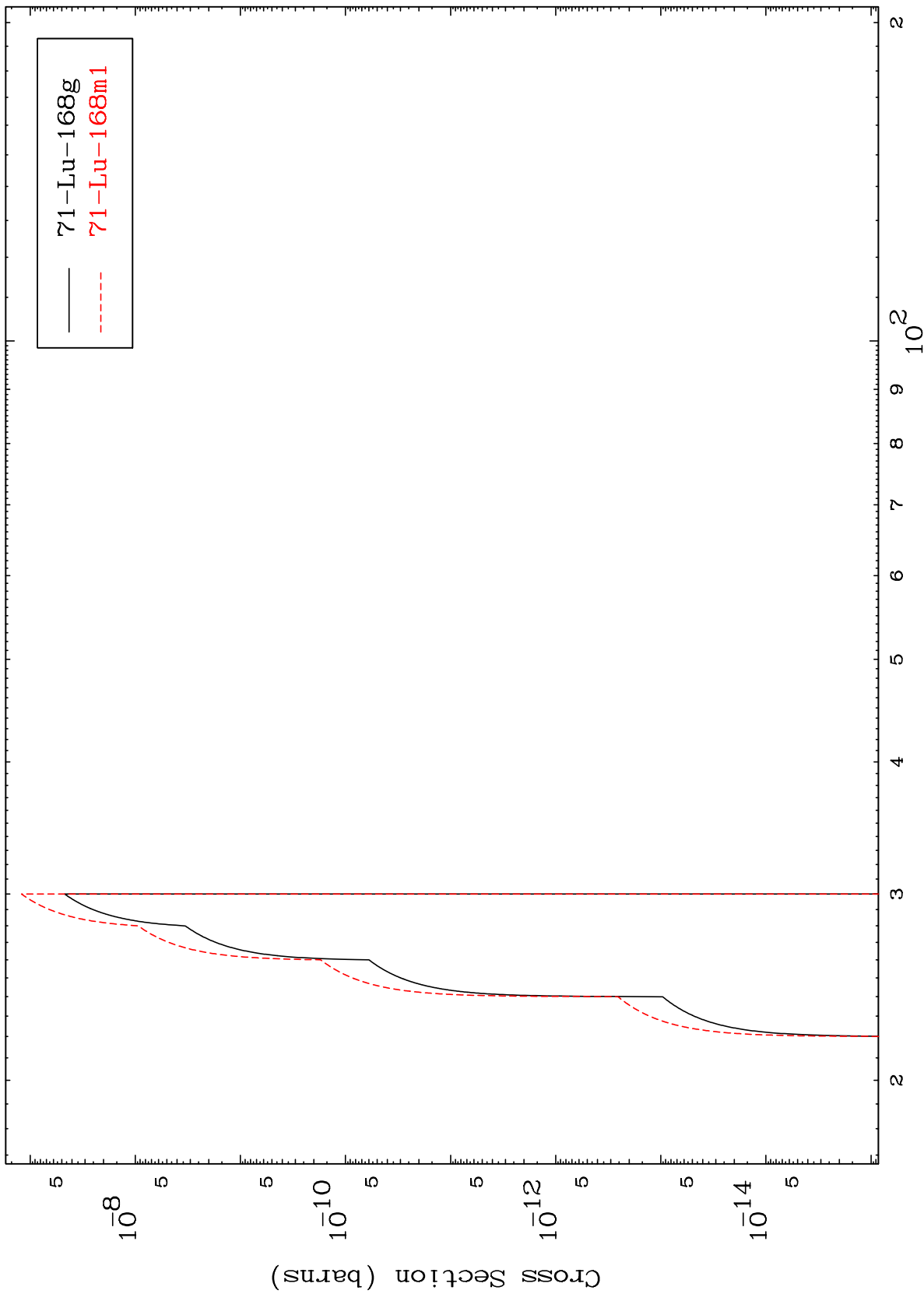
Incident Energy (MeV)

⁷³Ta-171m

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⁷³Ta-171m

(n,2n) p
Radionuclide Production Cross Section



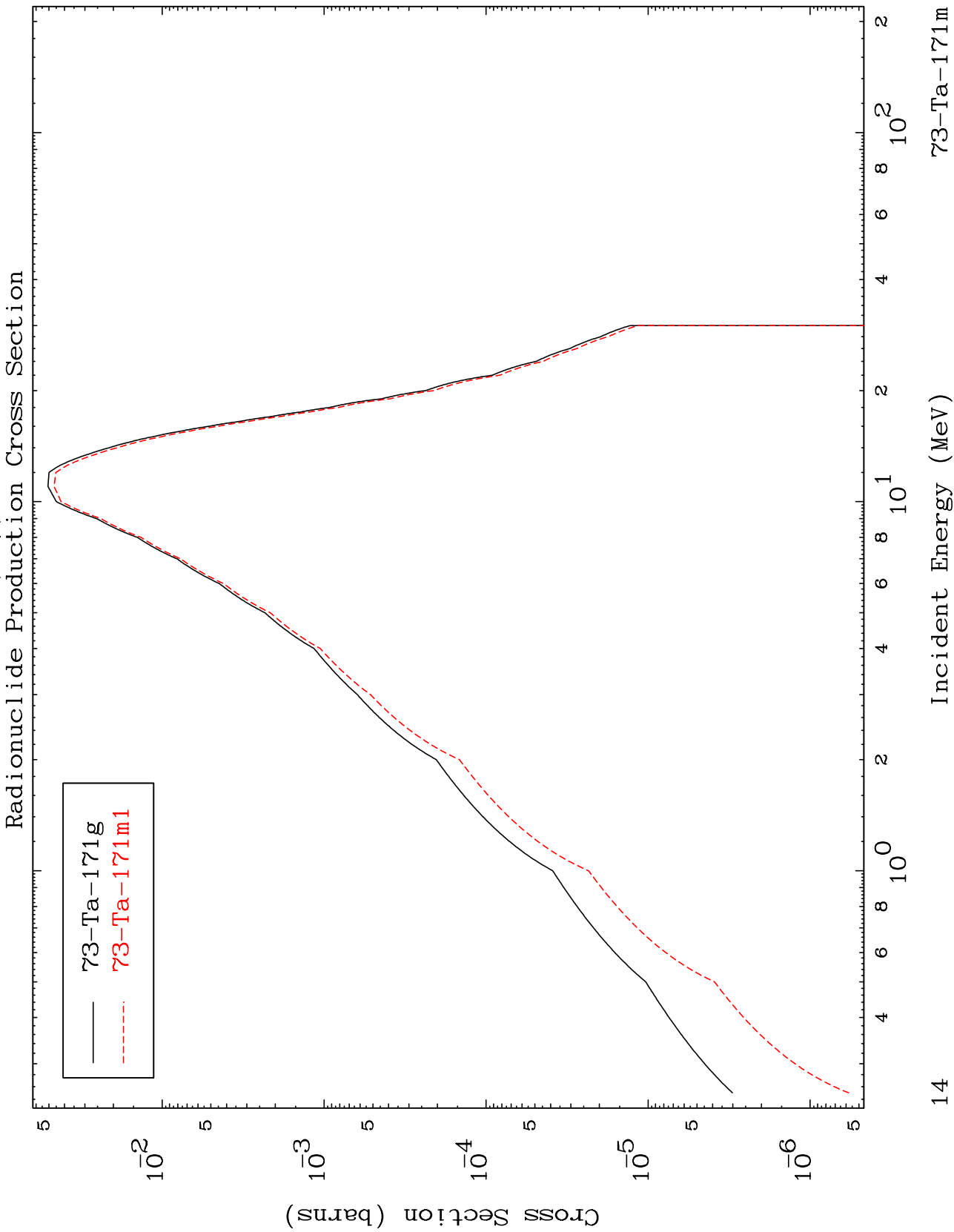
13

⁷³Ta-171m

Incident Energy (MeV)

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⁷³Ta-171m



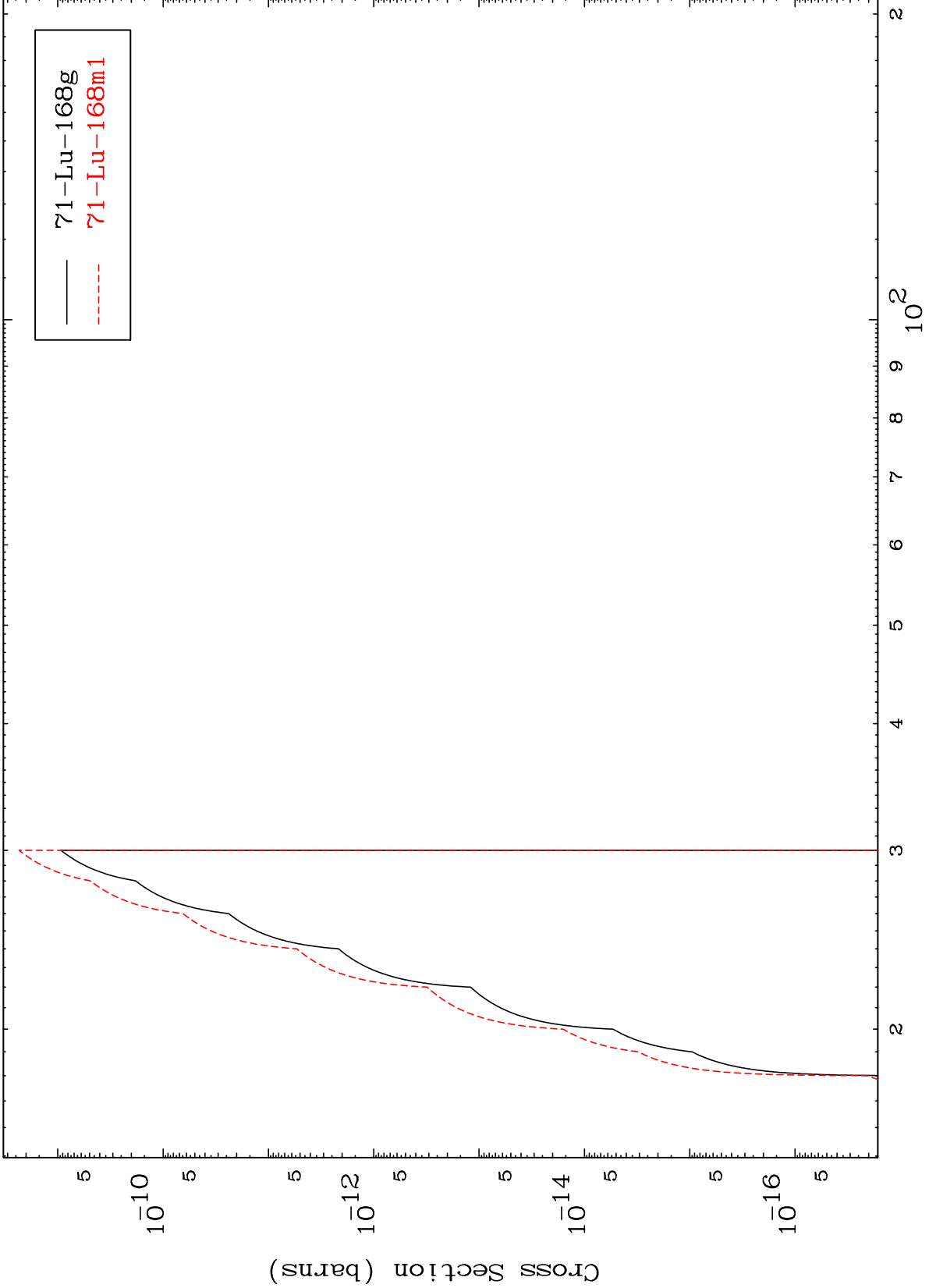
— 73-Ta-171g
- - - 73-Ta-171m1

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(n,He-3)

⁷³Ta-171m

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

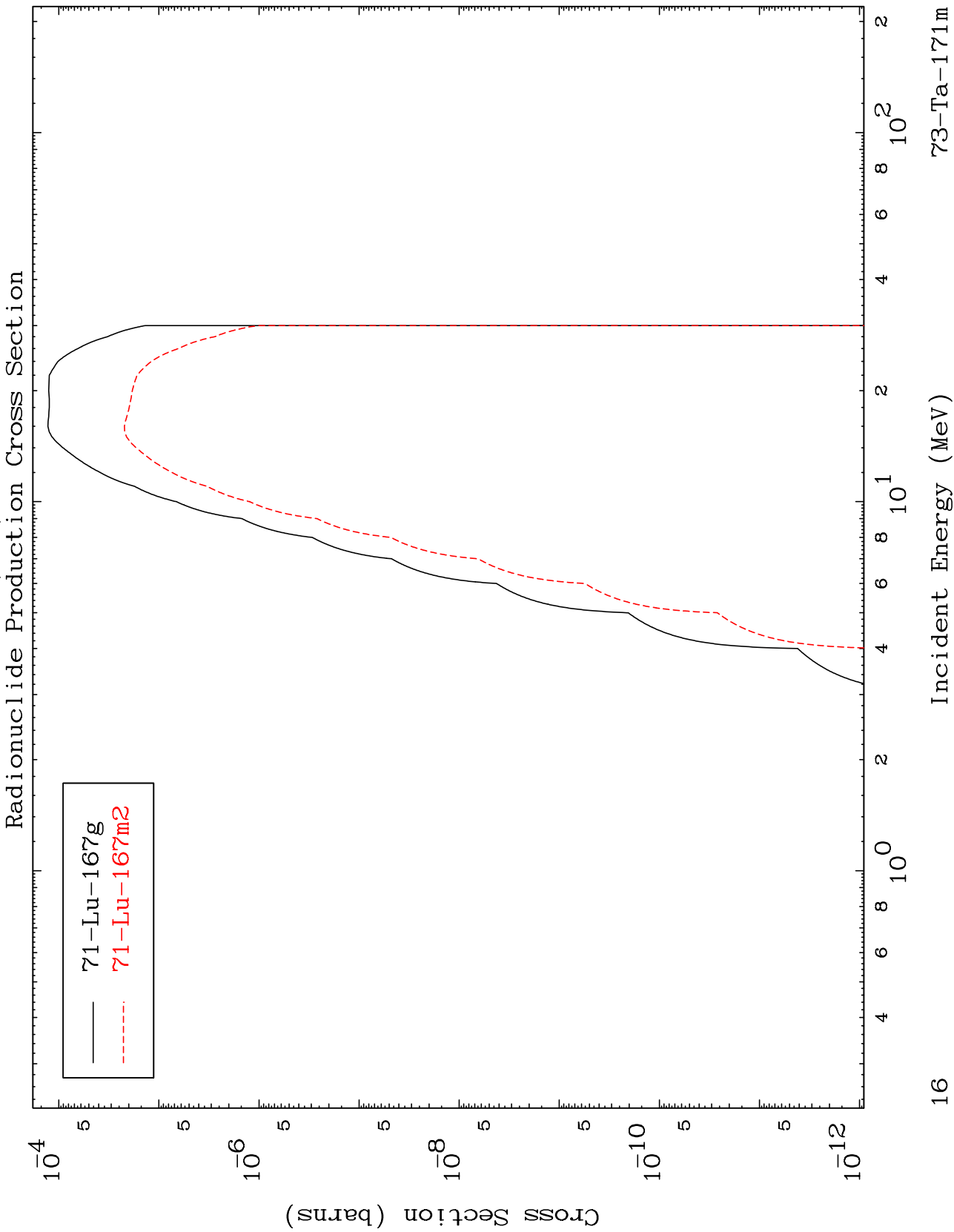
15

Incident Energy (MeV)

⁷³Ta-171m

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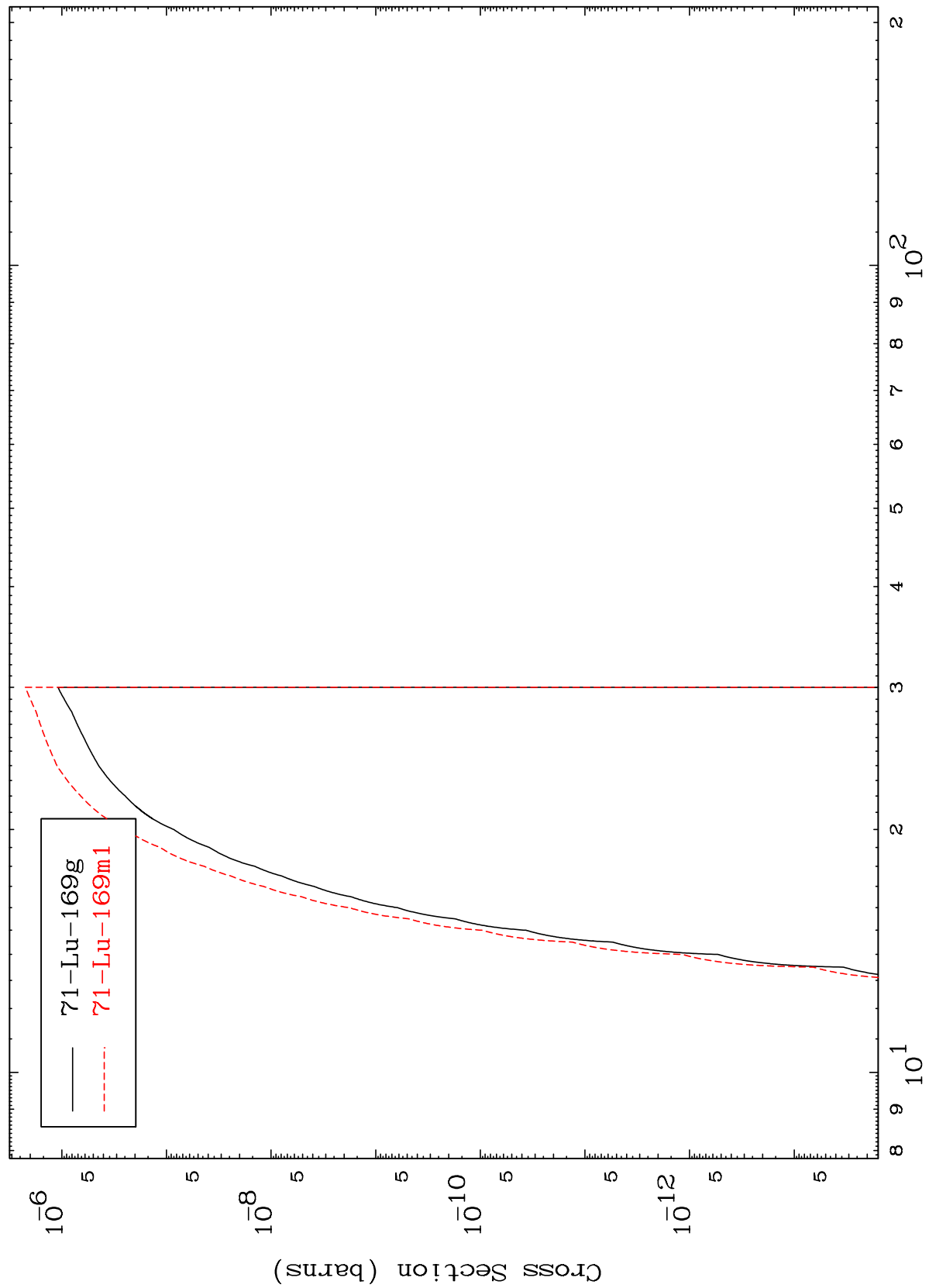
⁷³Ta-171m



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⁷³Ta-171m

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

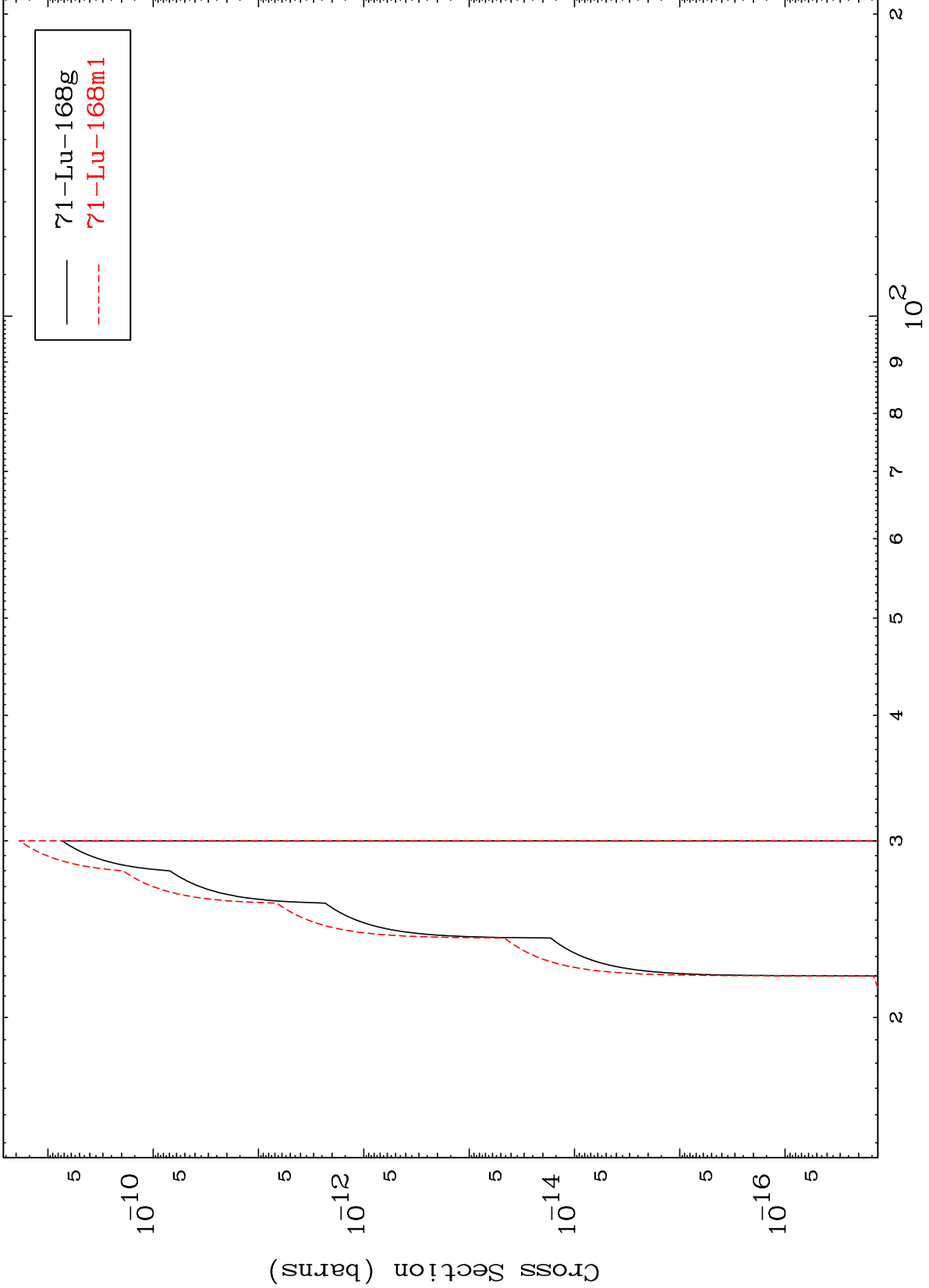
⁷³Ta-171m

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(n,p) d

⁷³Ta-171m

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1