

Program EVALPLOT
(Version 2021-1)

by

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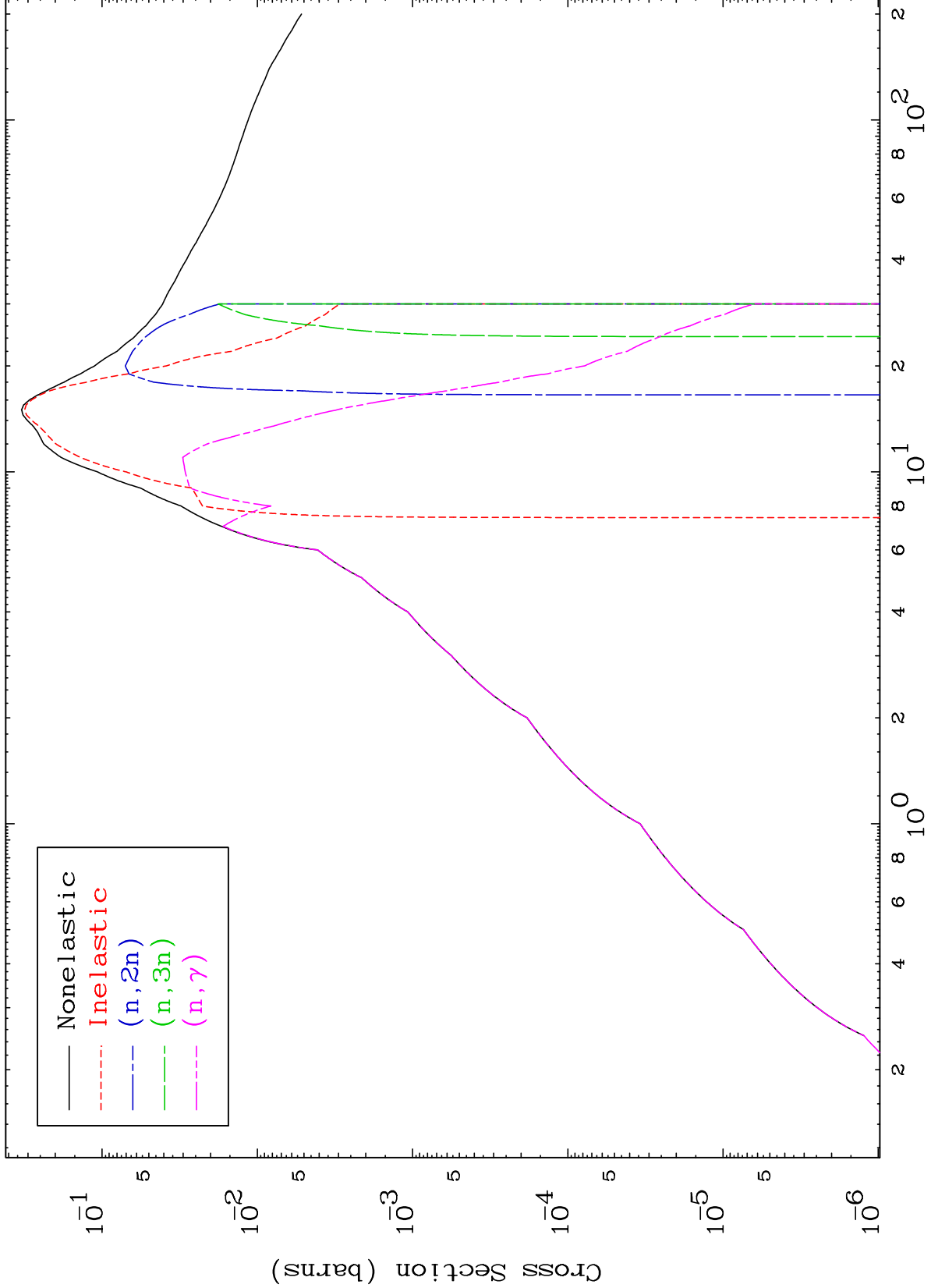
Press Mouse Button to Start

MAT 7307

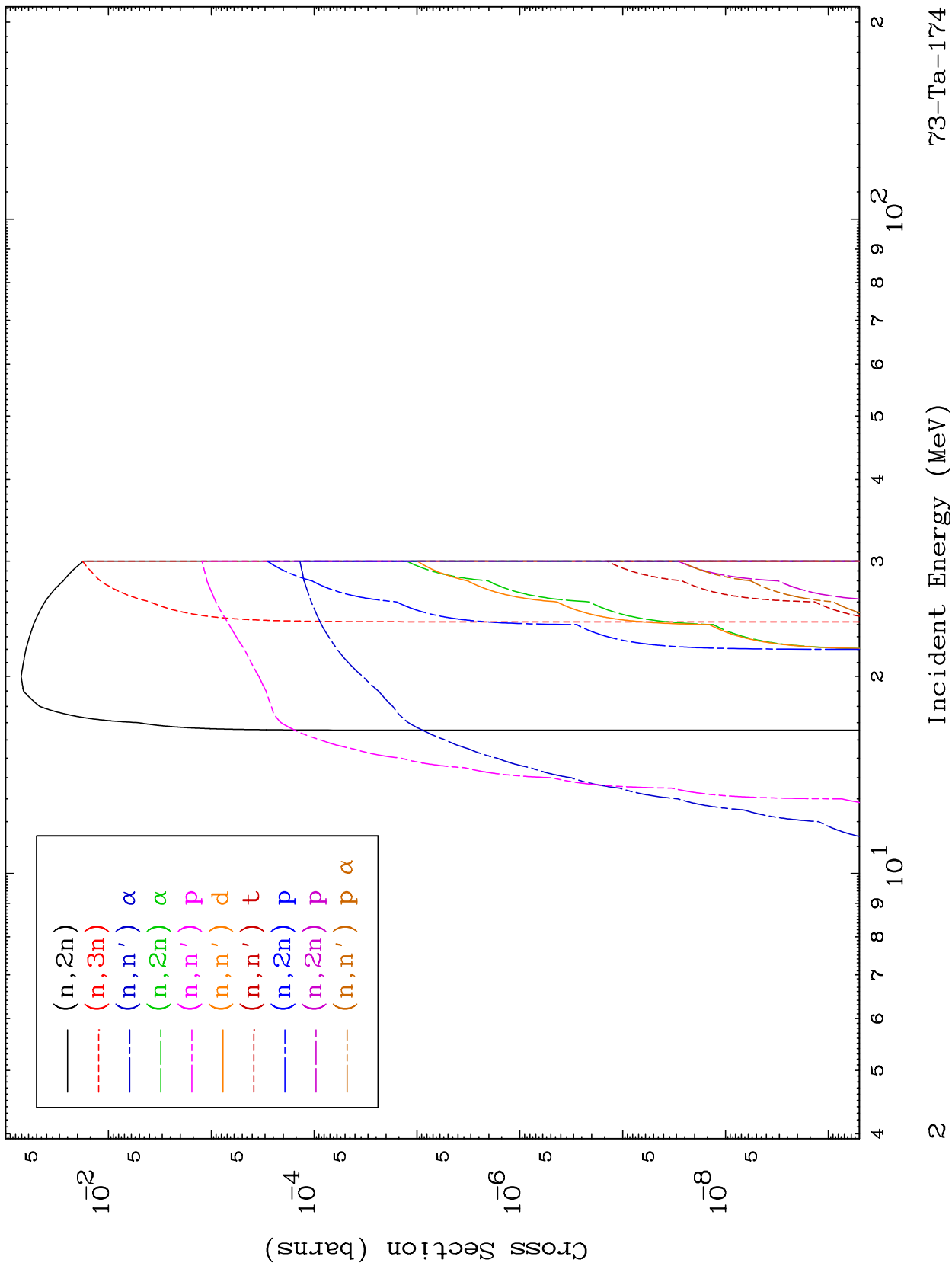
Photon Major

73-Ta-174

0 Kelvin Cross Sections



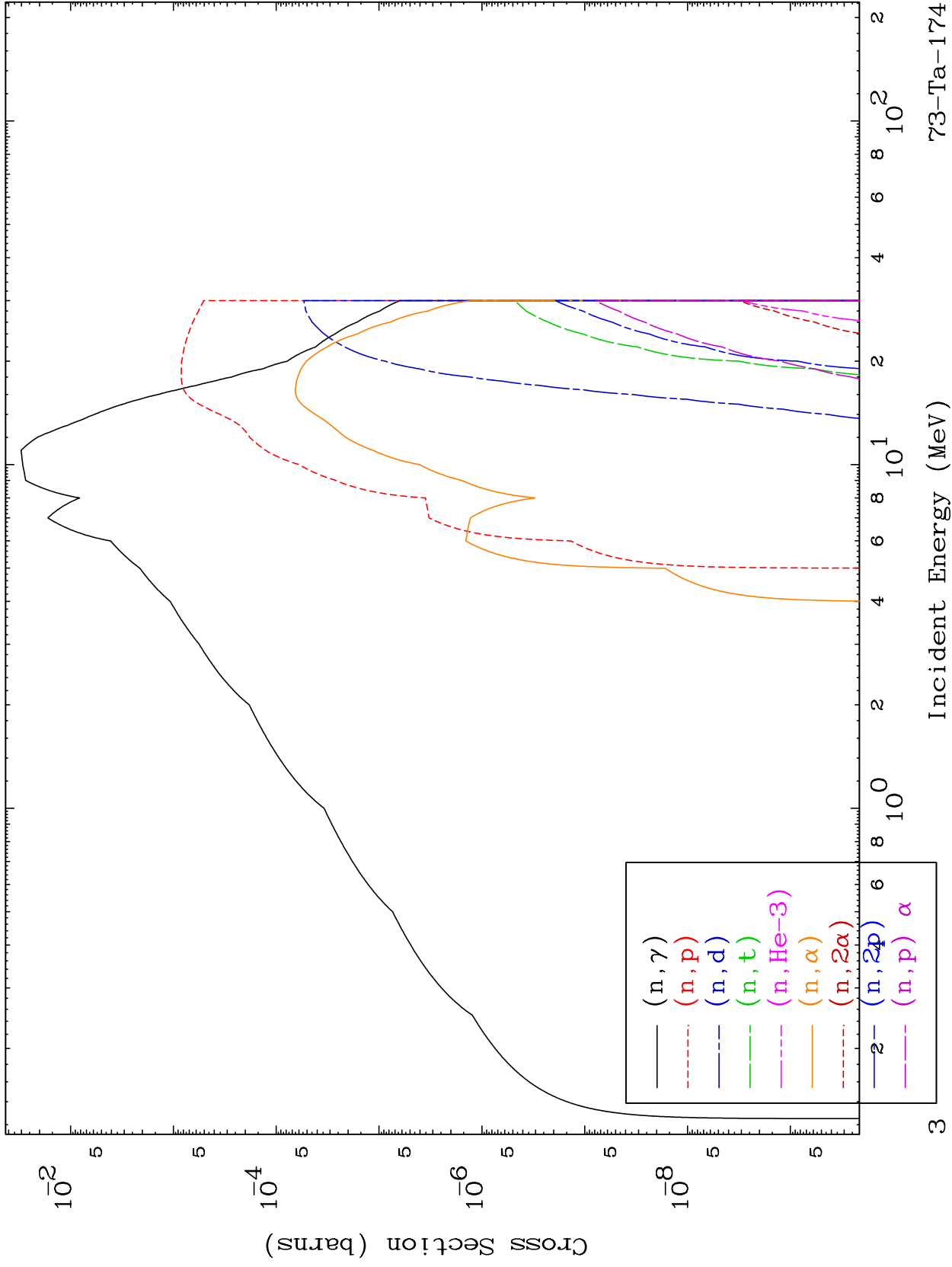
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)
- - - (n, γ)



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Photon Neutron Absorption
0 Kelvin Cross Sections

⁷³Ta-174



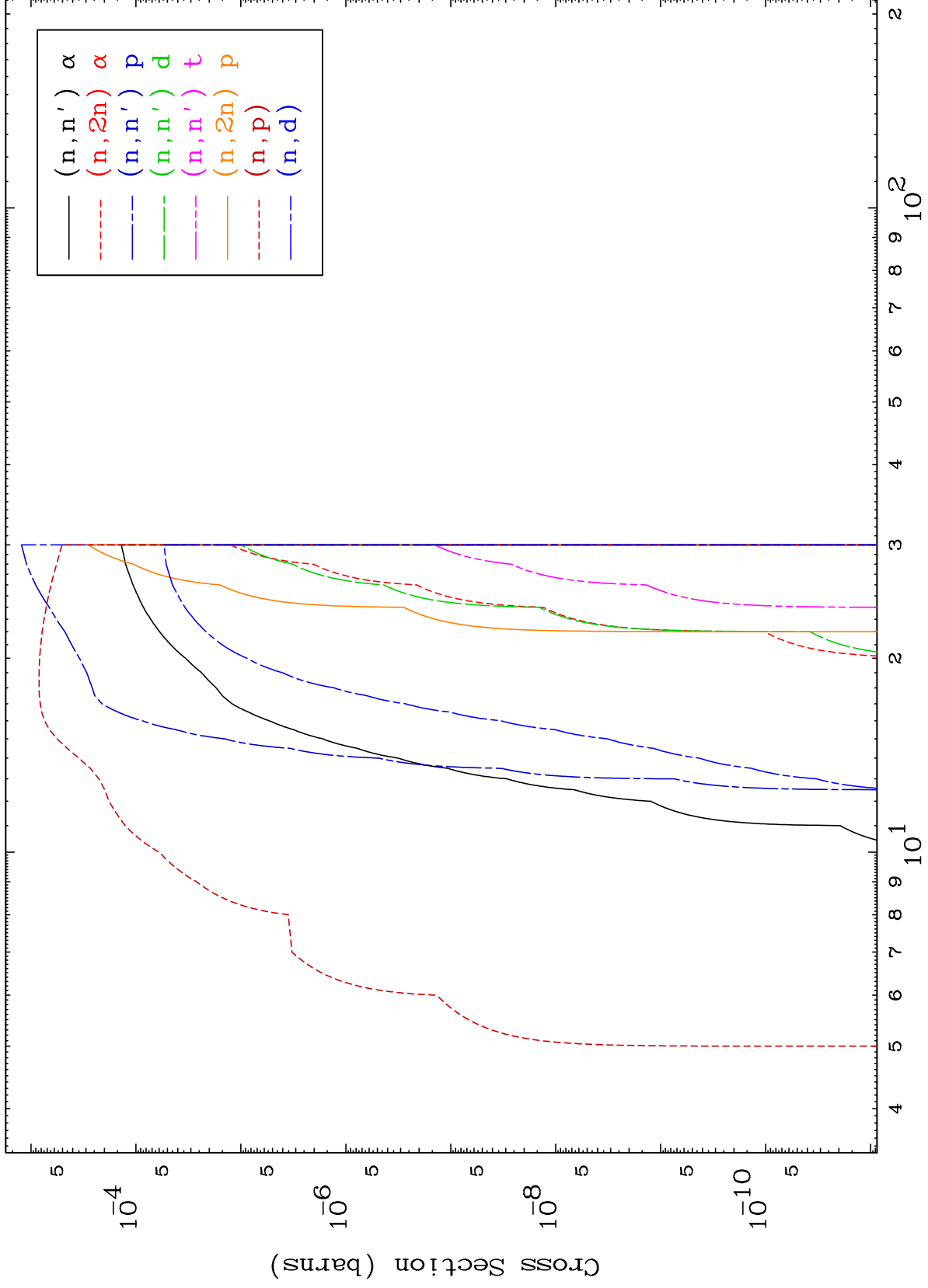
⁷³Ta-174

Incident Energy (MeV)

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Photon Charged Particle
0 Kelvin Cross Sections

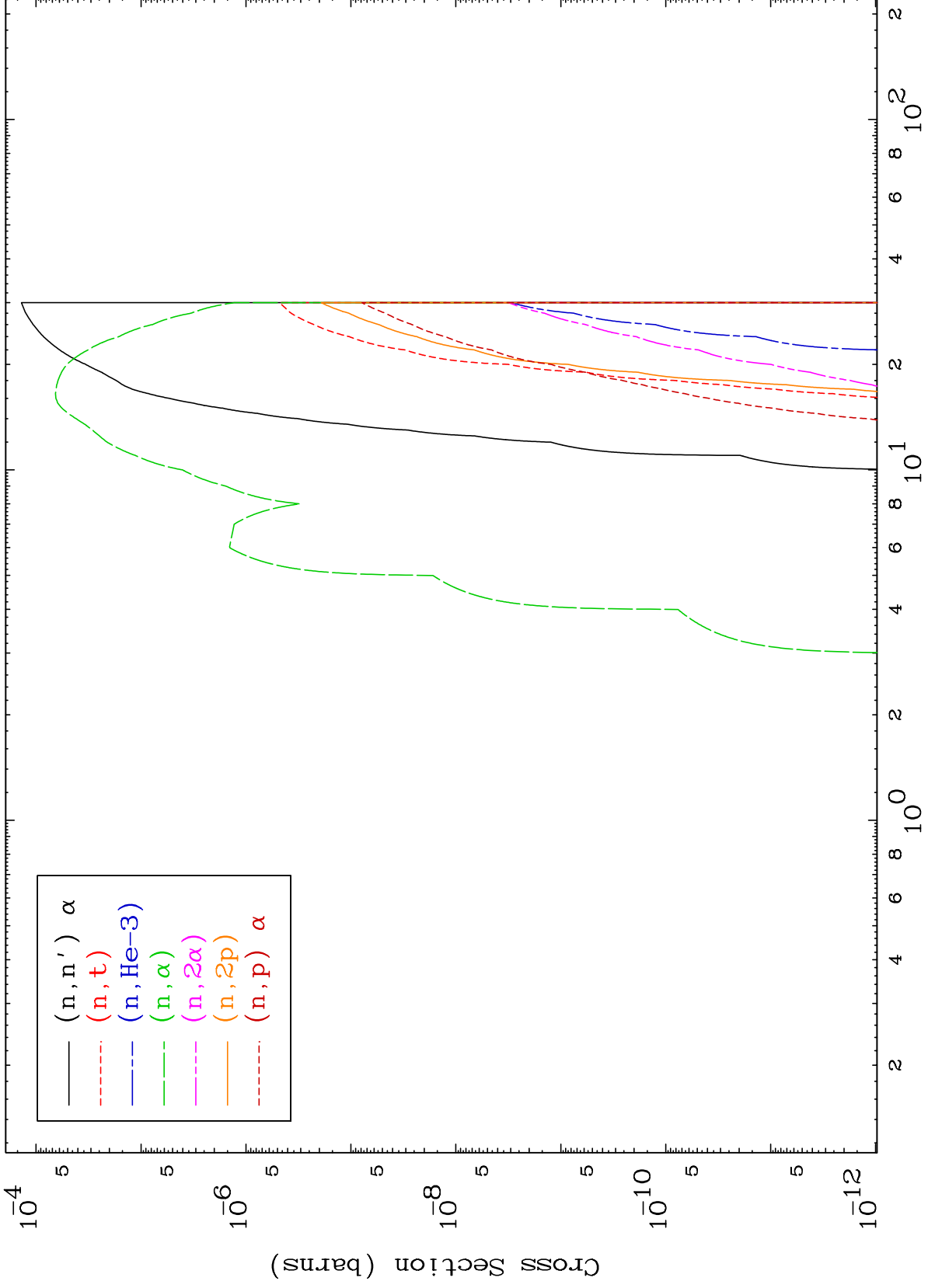
73-Ta-174



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Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-174



5

Incident Energy (MeV)

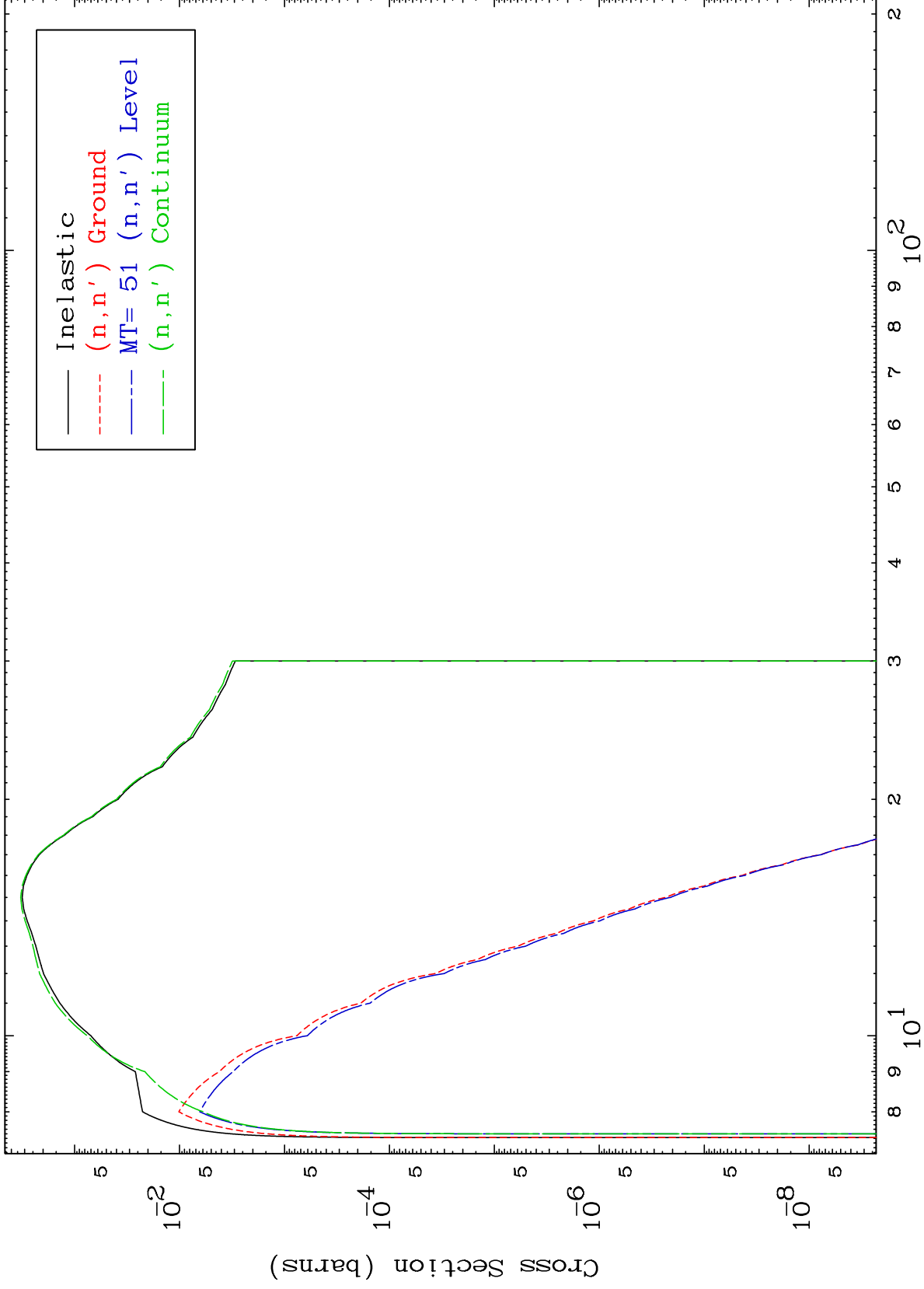
73-Ta-174

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(γ, n') Levels

73-Ta-174

0 Kelvin Cross Sections



6

Incident Energy (MeV)

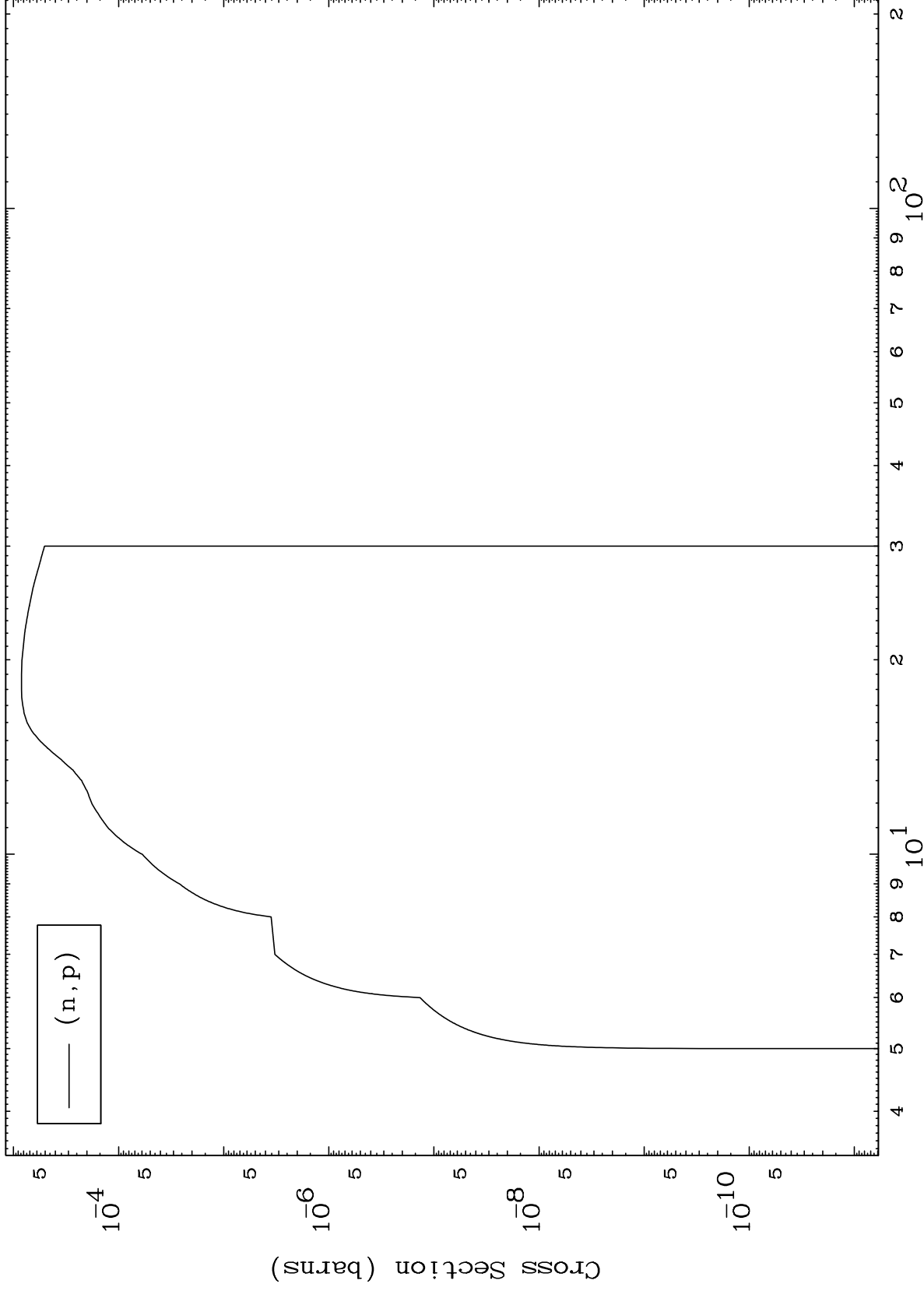
73-Ta-174

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(γ, p) Levels

73-Ta-174

0 Kelvin Cross Sections



7

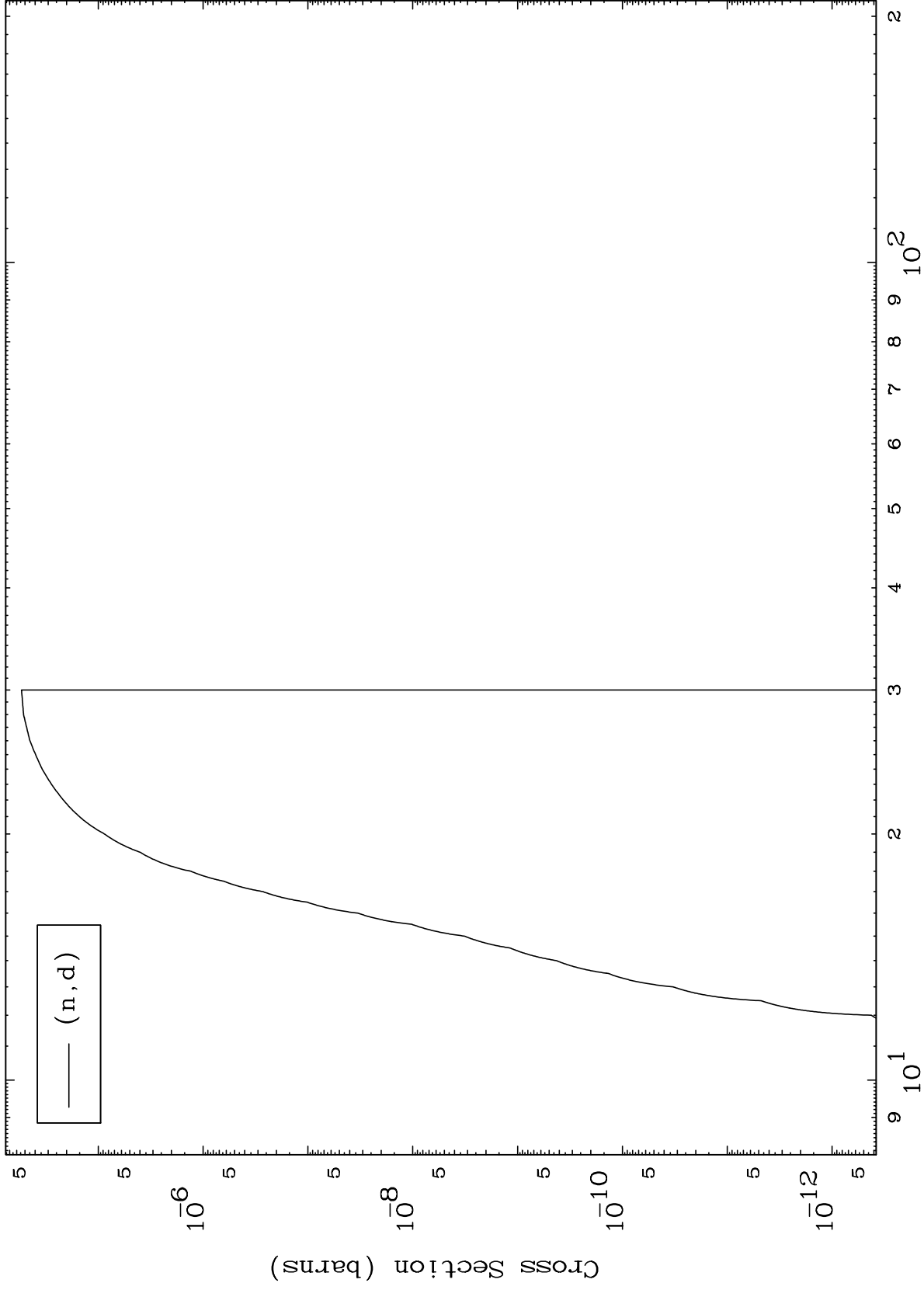
Incident Energy (MeV)

73-Ta-174

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(γ, d) Levels
0 Kelvin Cross Sections

73-Ta-174



Incident Energy (MeV)

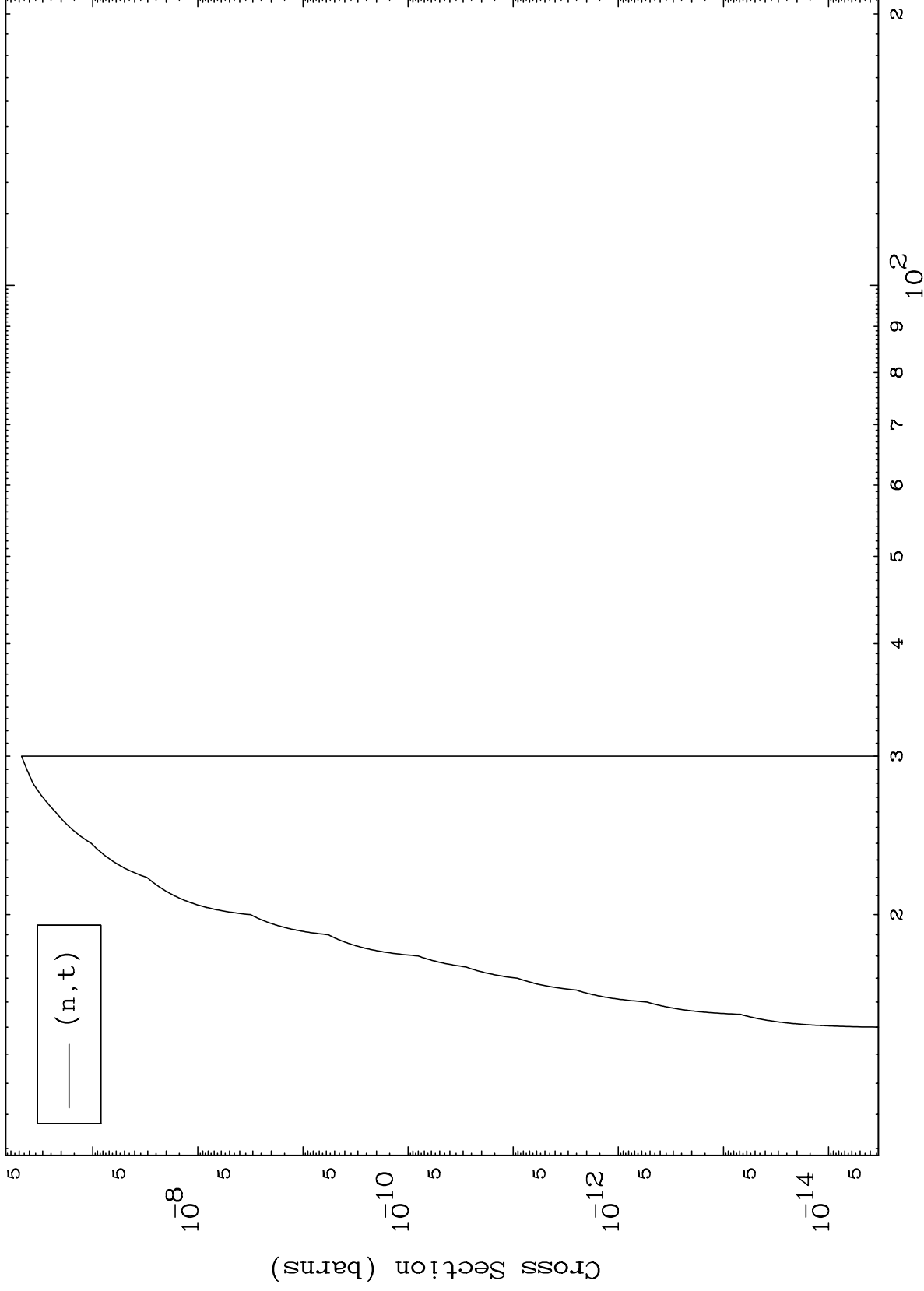
73-Ta-174

8

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(γ, t) Levels
0 Kelvin Cross Sections

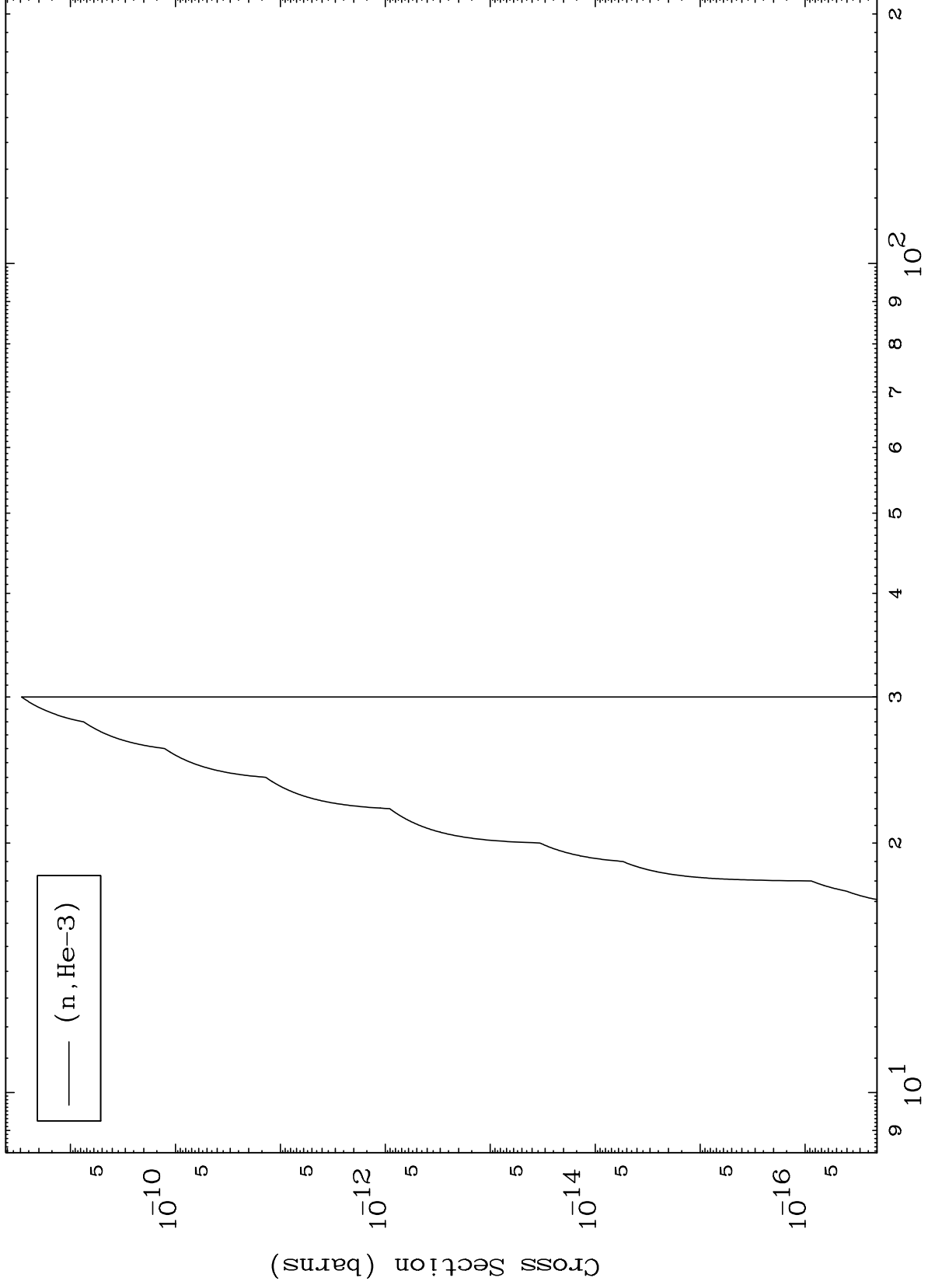
73-Ta-174



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(γ , He3) Levels
0 Kelvin Cross Sections

73-Ta-174



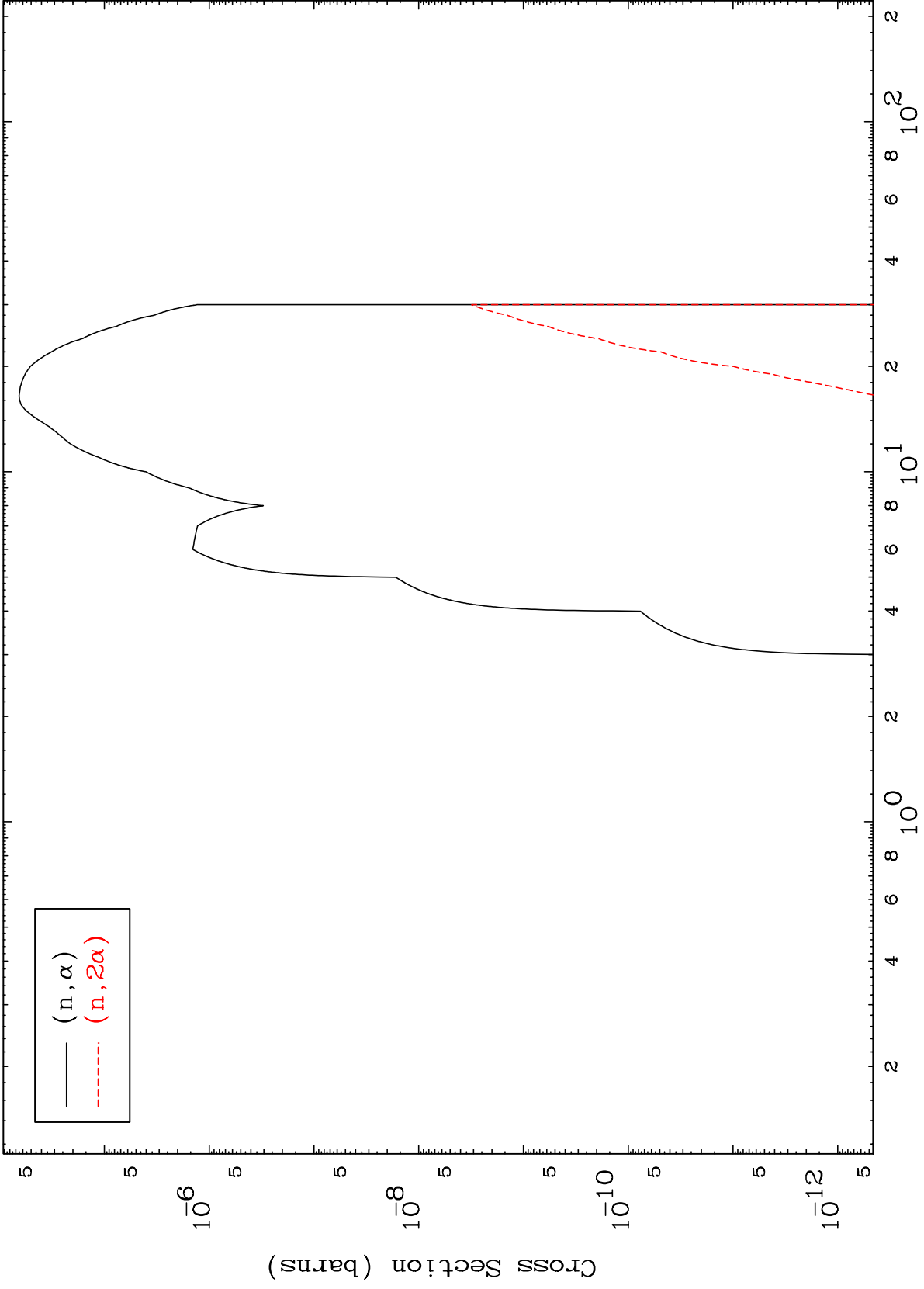
Incident Energy (MeV)

73-Ta-174

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(γ, α) Levels
0 Kelvin Cross Sections

73-Ta-174

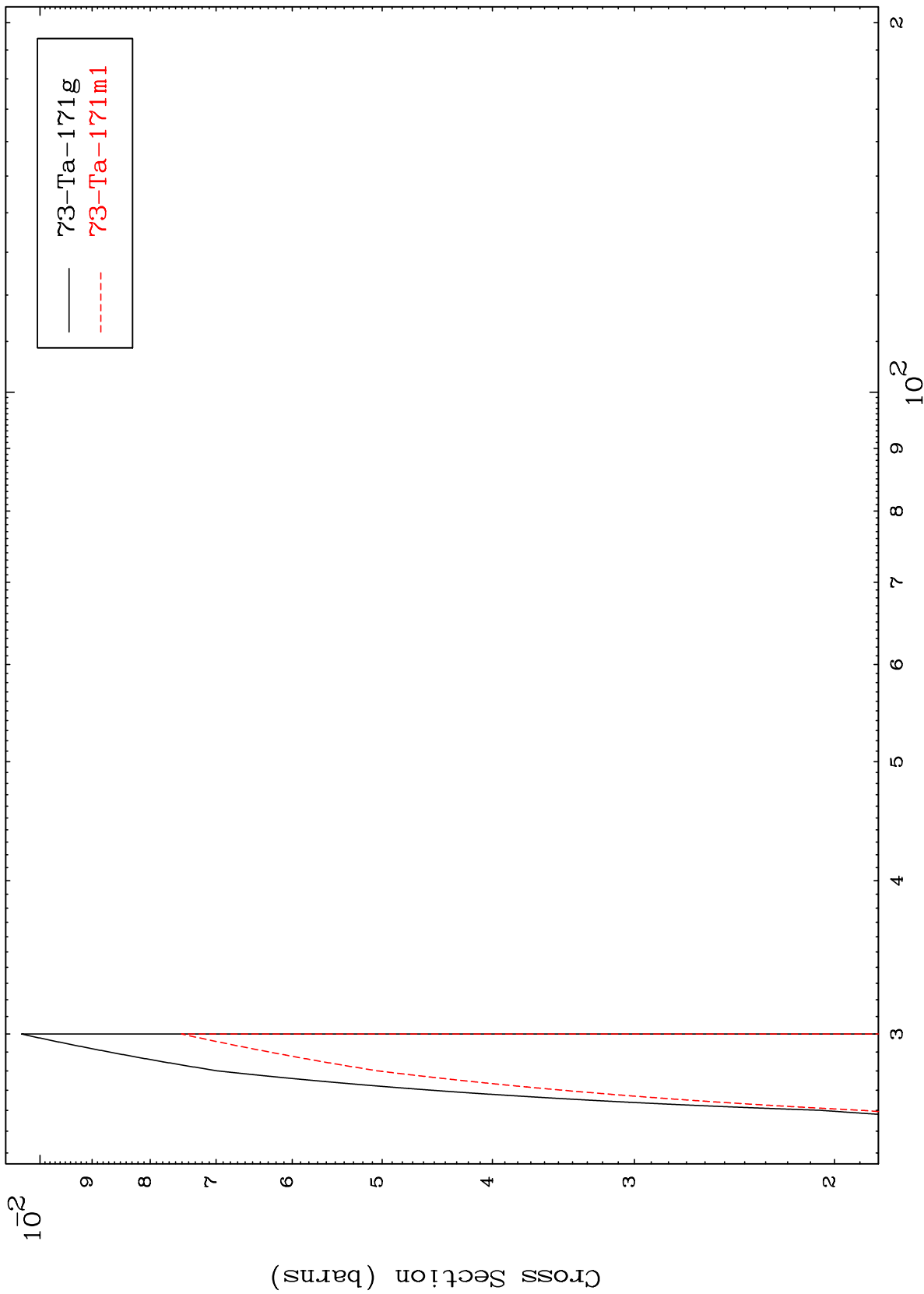


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⁷³Ta-174

(n,3n)

Radionuclide Production Cross Section



— ⁷³Ta-171g
- - - ⁷³Ta-171m1

12

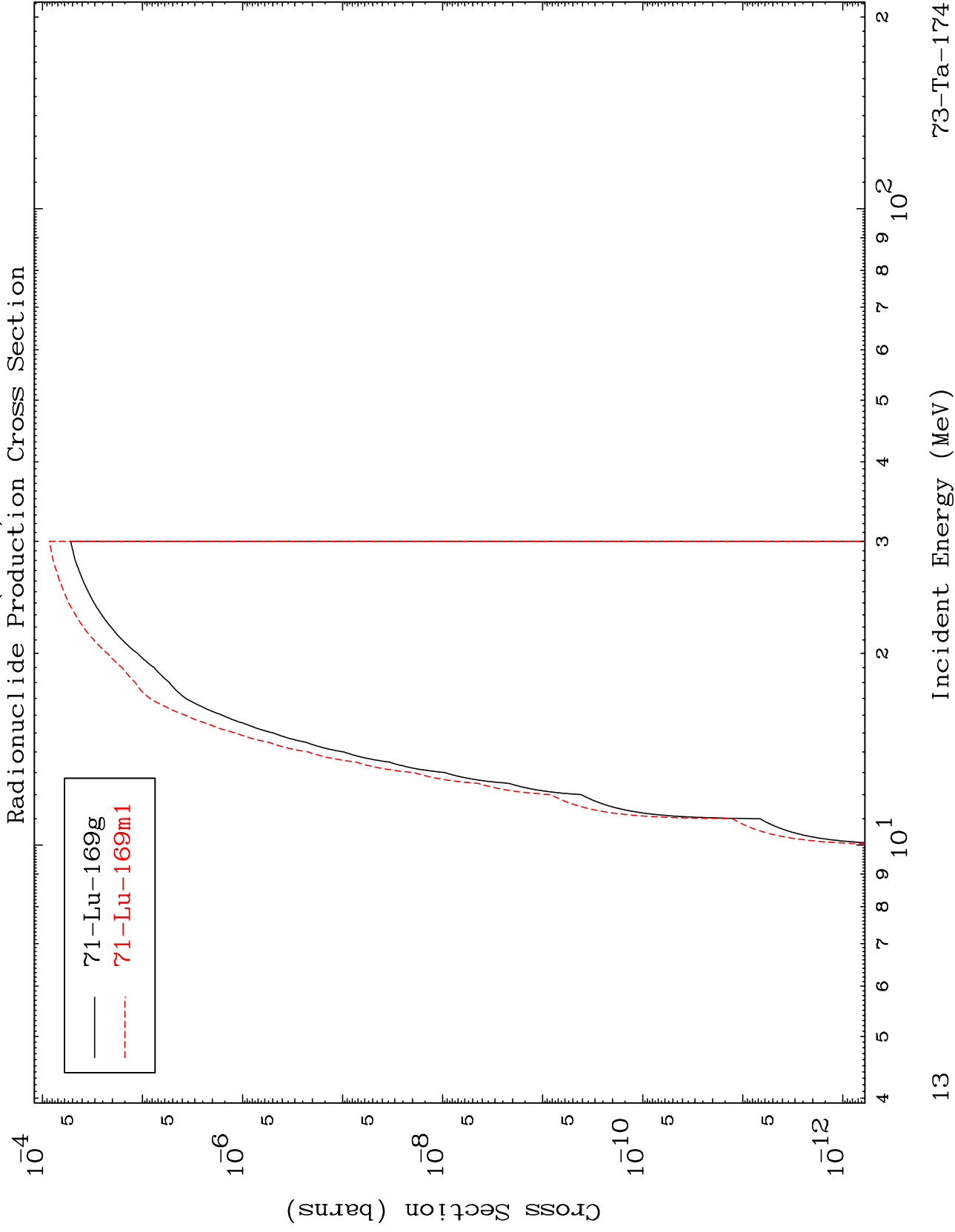
⁷³Ta-174

Incident Energy (MeV)

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$(n, n') \alpha$

$^{73}\text{Ta-174}$



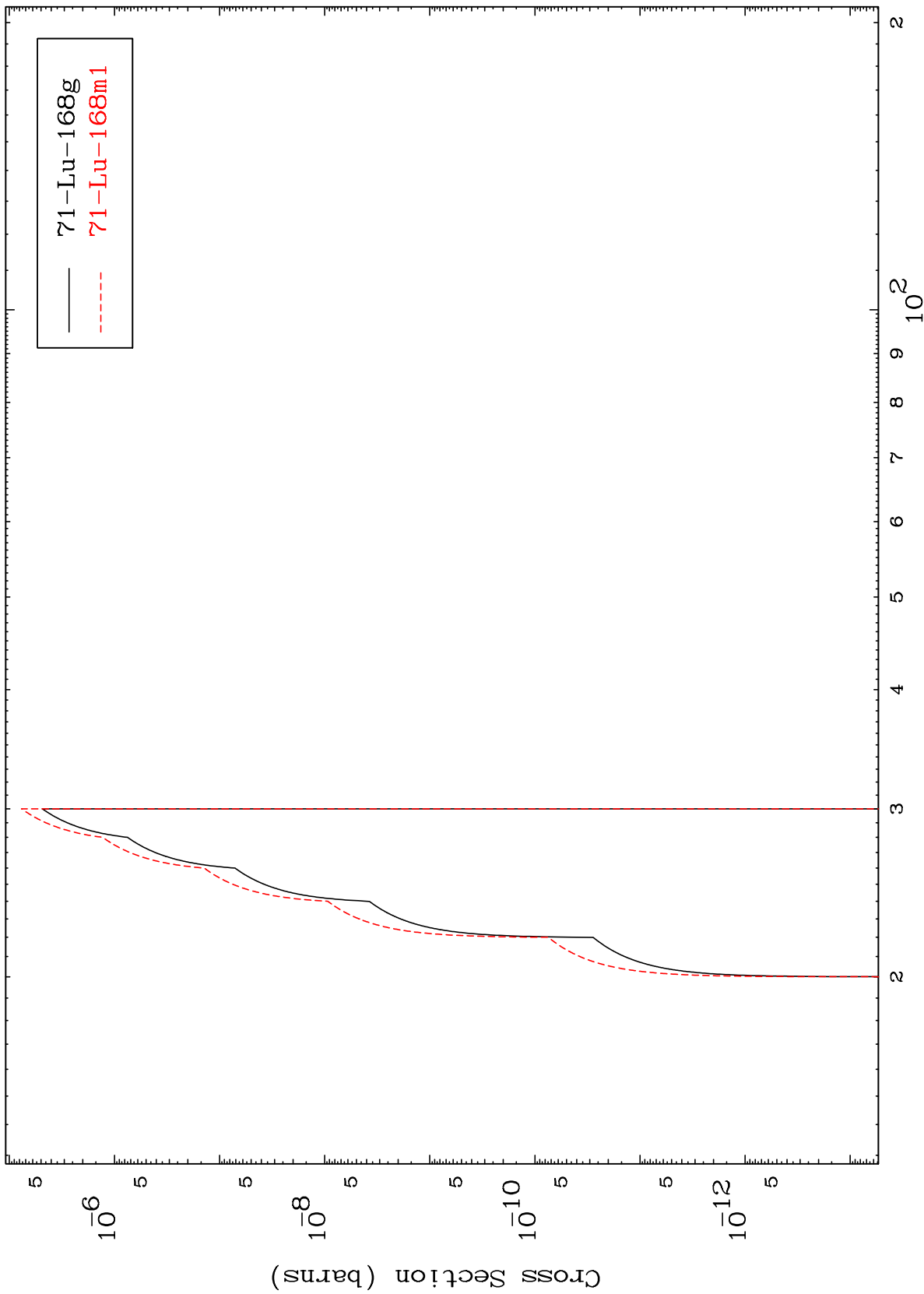
13

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$(n,2n) \alpha$

$^{73}\text{Ta-174}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

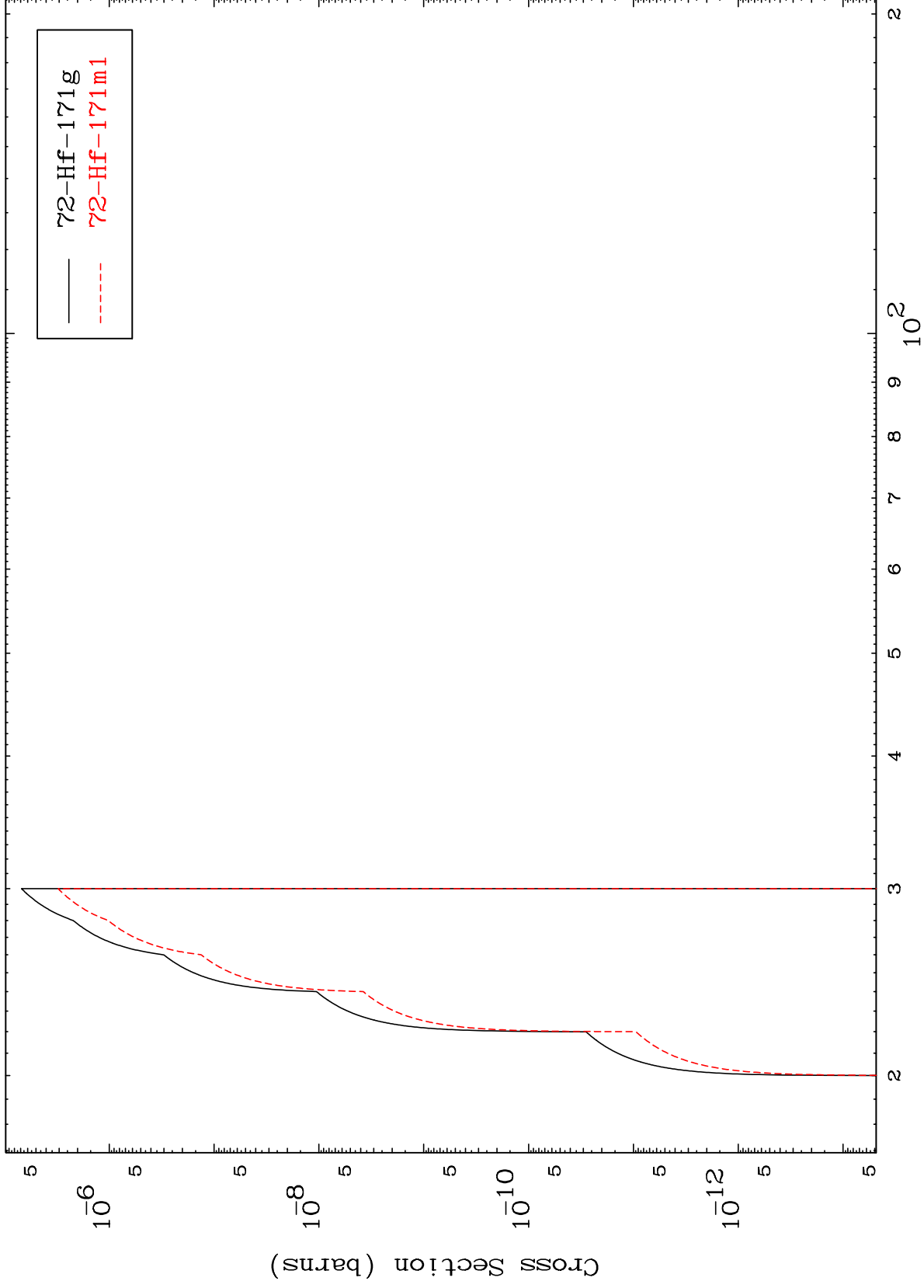
$^{73}\text{Ta-174}$

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(n,n') d

73-Ta-174

Radionuclide Production Cross Section



15

Incident Energy (MeV)

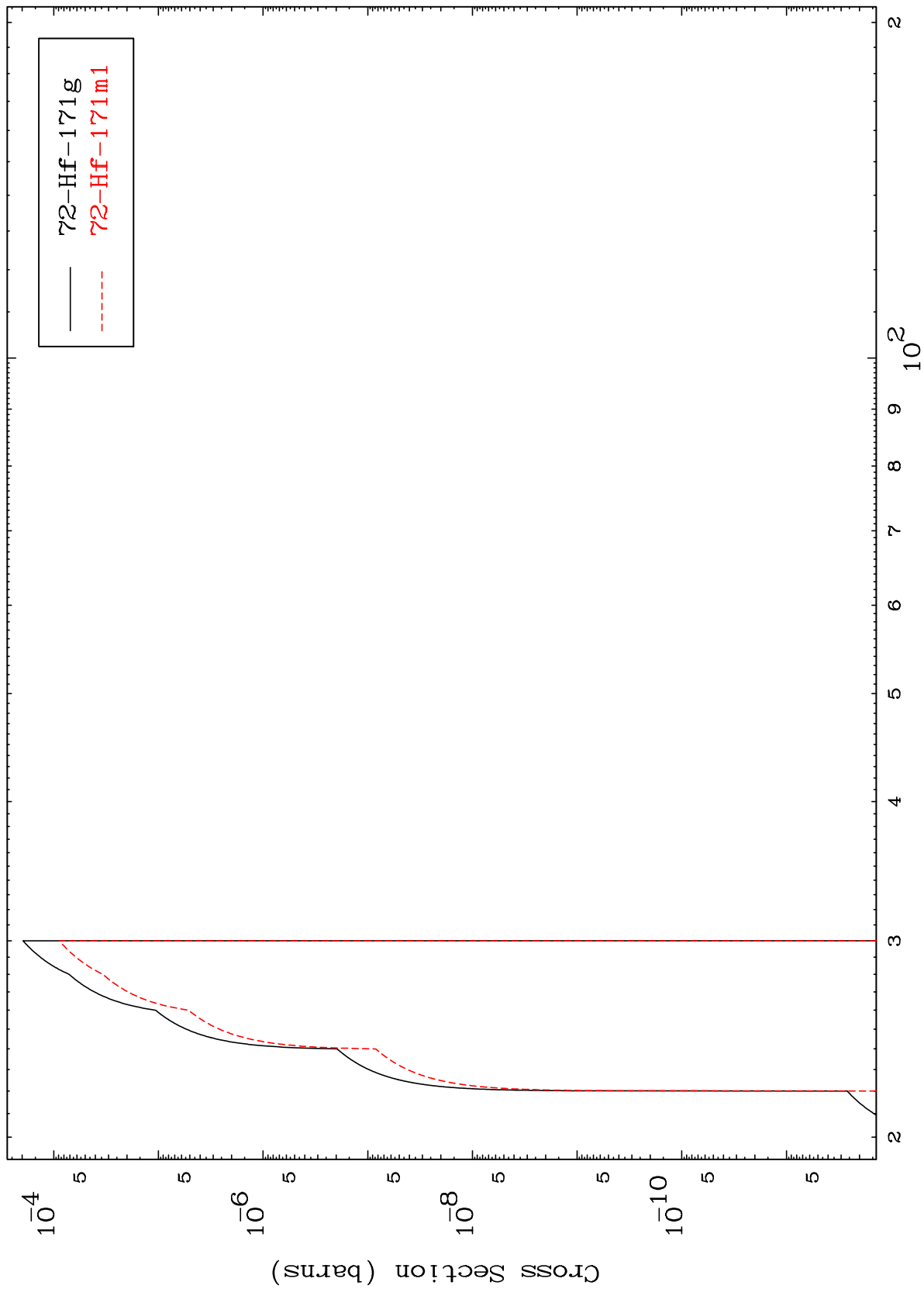
73-Ta-174

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⁷³Ta-174

(n,2n) p

Radionuclide Production Cross Section

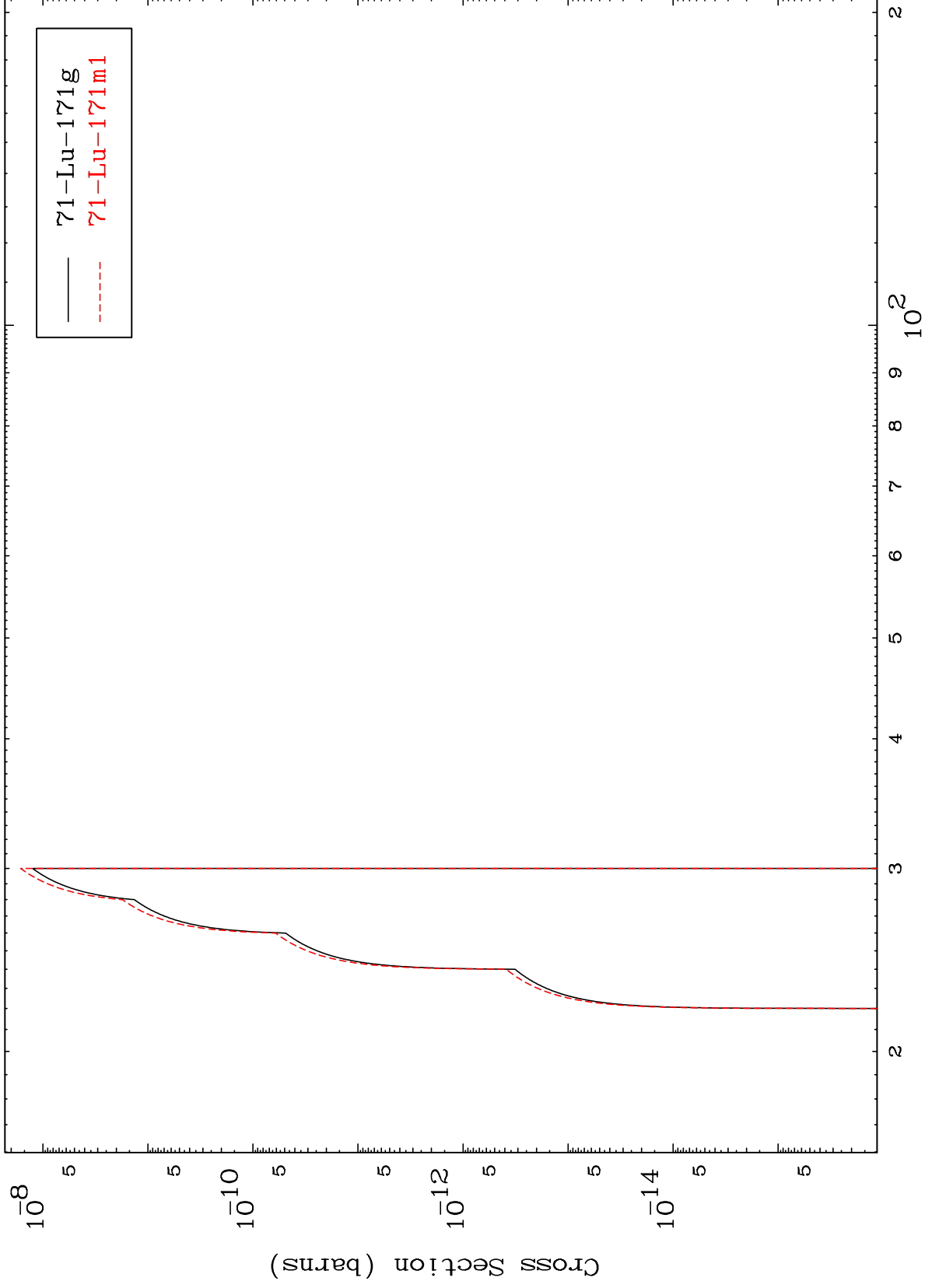


⁷³Ta-174

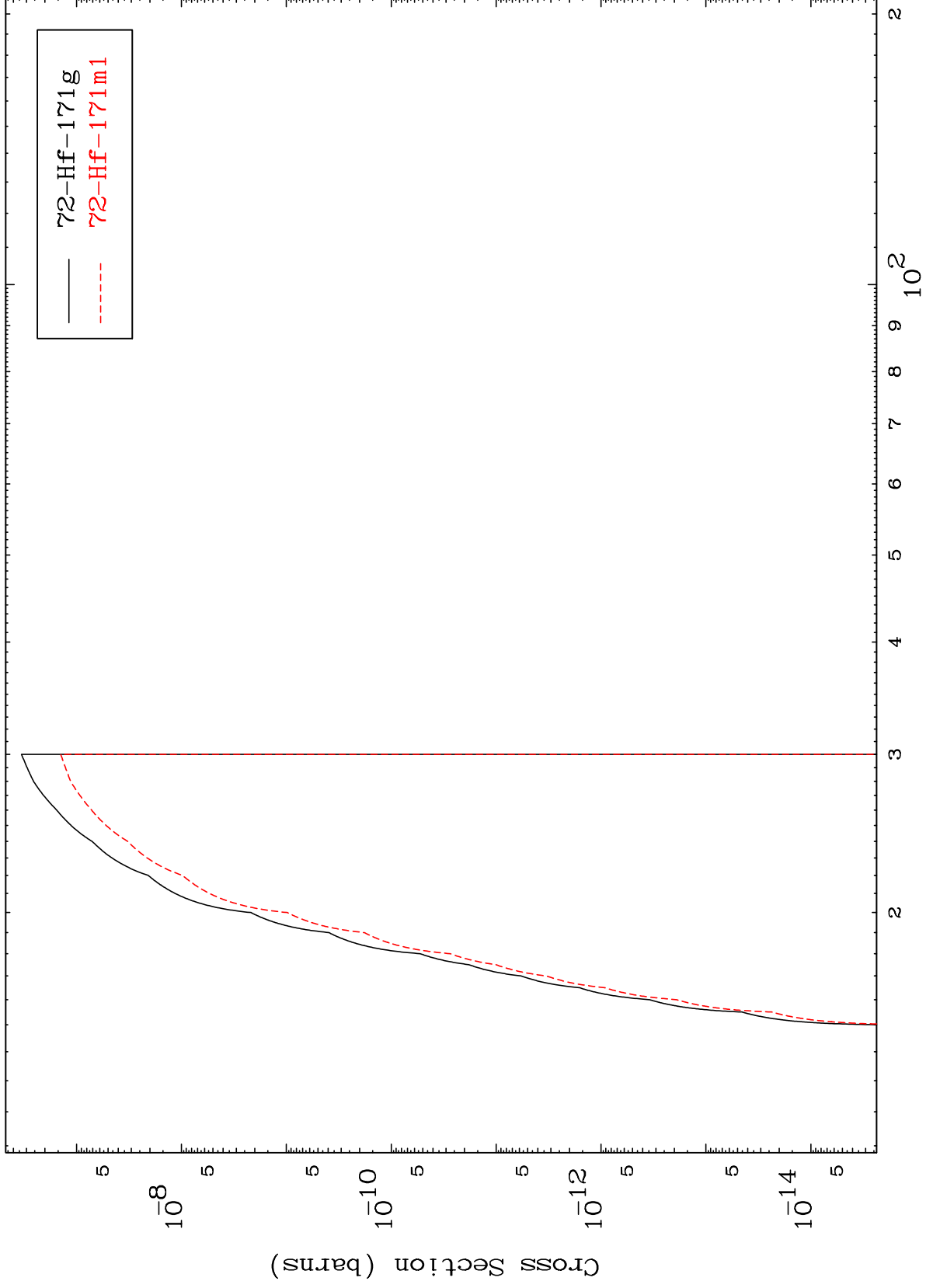
Incident Energy (MeV)

16

Radionuclide Production Cross Section



(n, t)
Radionuclide Production Cross Section

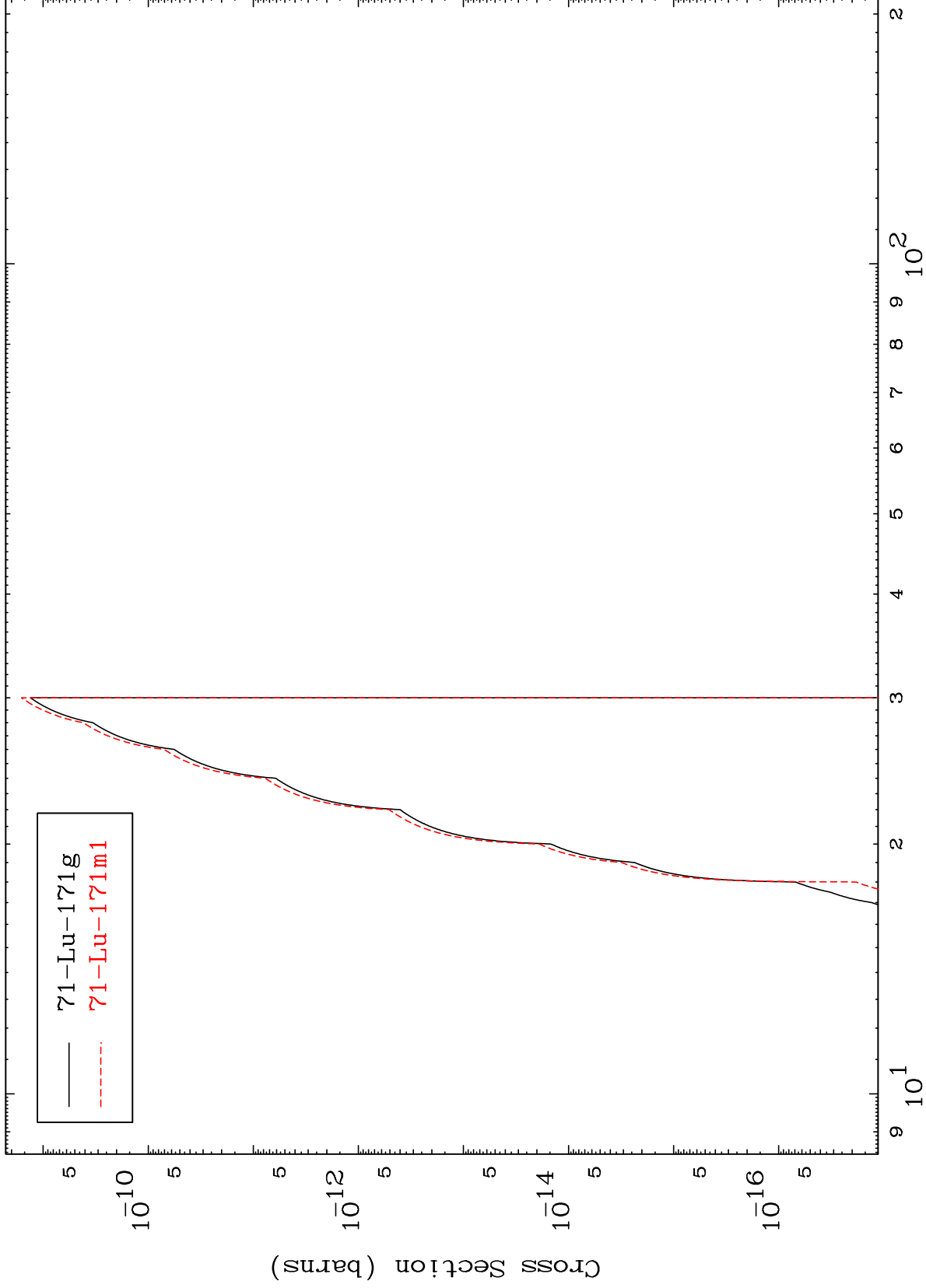


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(n,He-3)

73-Ta-174

Radionuclide Production Cross Section



19

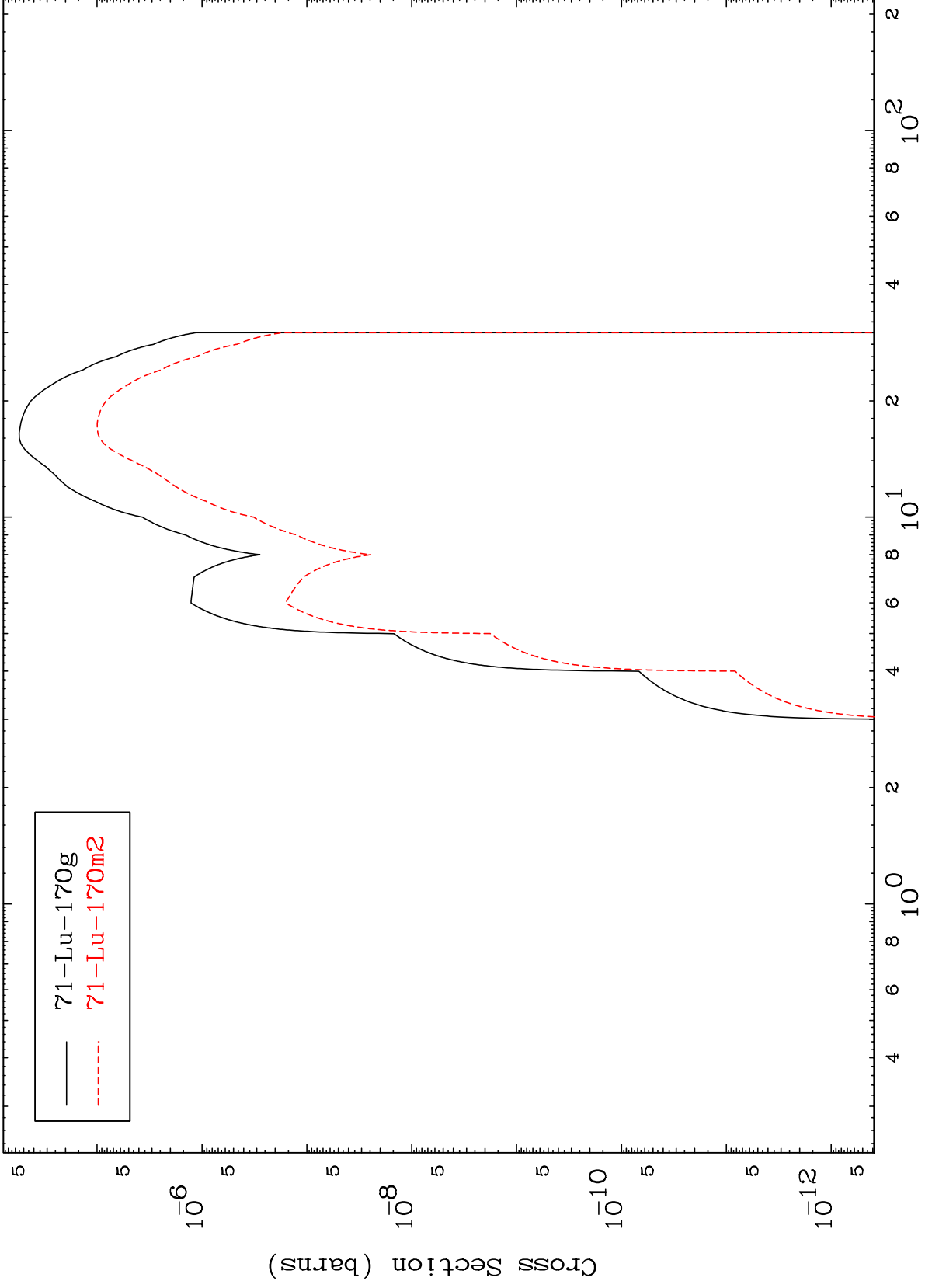
Incident Energy (MeV)

73-Ta-174

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73-Ta-174

(n, α)
Radionuclide Production Cross Section



20

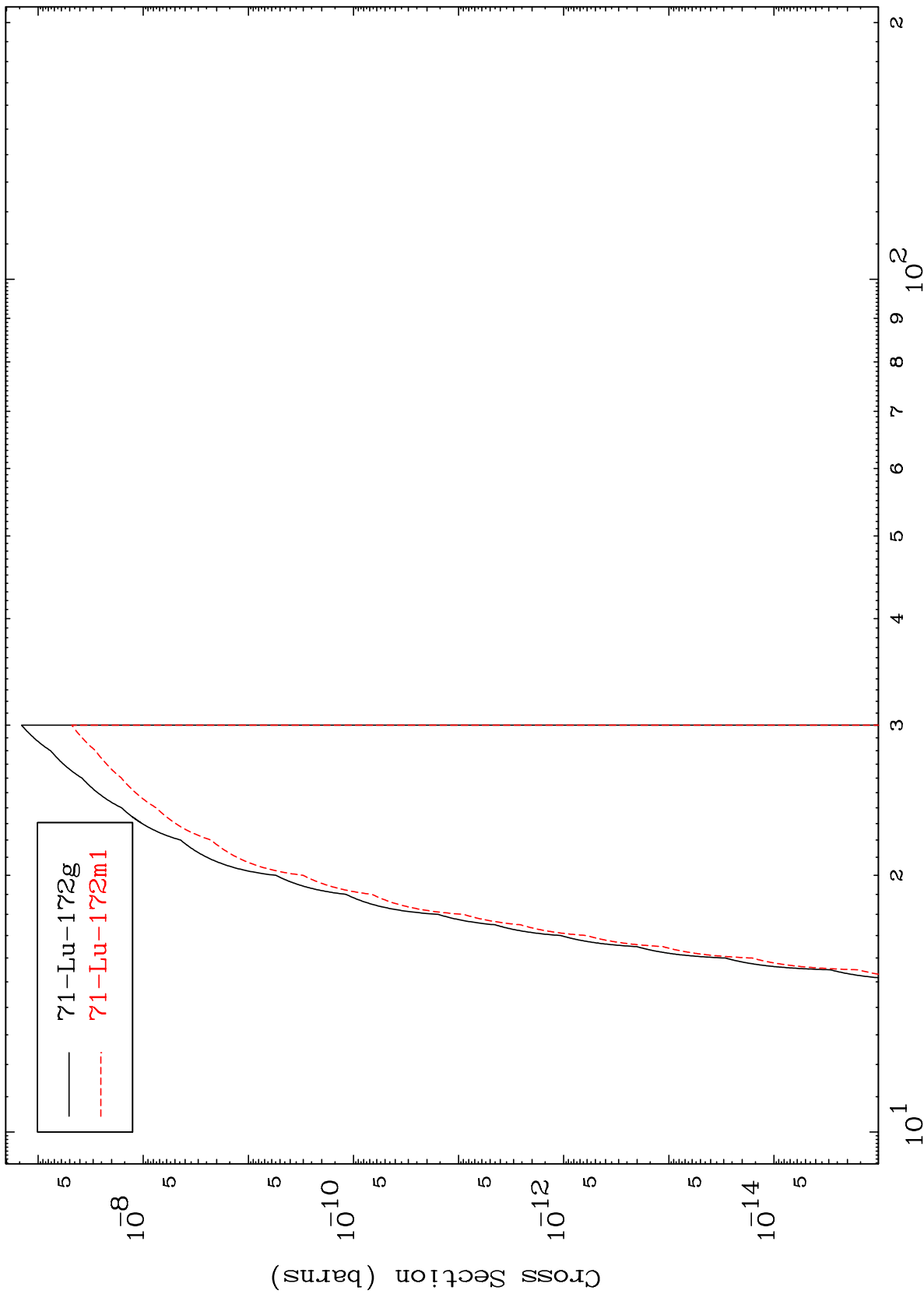
73-Ta-174

Incident Energy (MeV)

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73-Ta-174

(n,2p)
Radionuclide Production Cross Section



73-Ta-174

Incident Energy (MeV)

21

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(n,p) α

⁷³Ta-174

Radionuclide Production Cross Section

