

Program EVALPLOT
(Version 2021-1)

by

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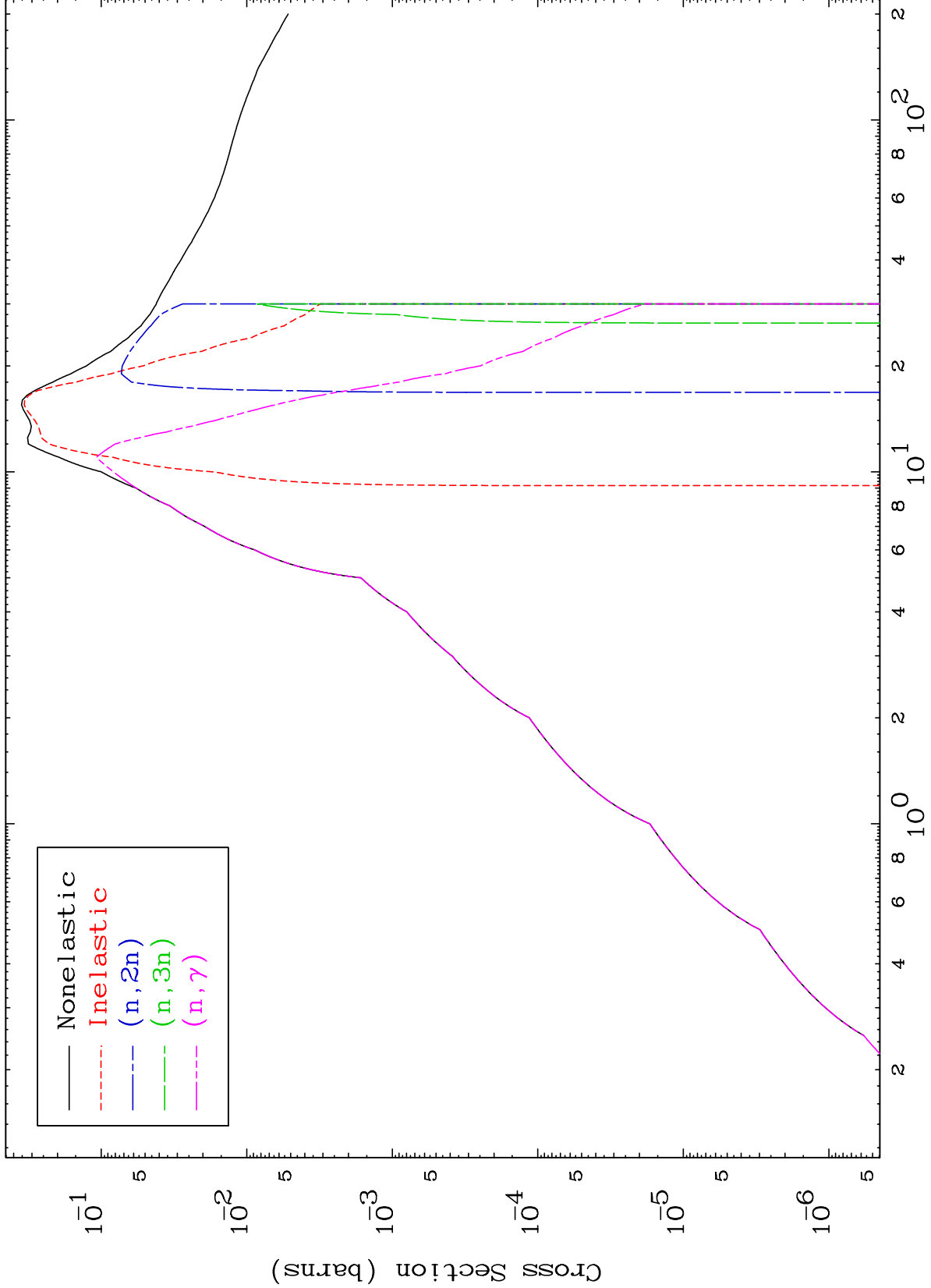
Press Mouse Button to Start

MAT 7304

Photon Major

73-Ta-173

0 Kelvin Cross Sections

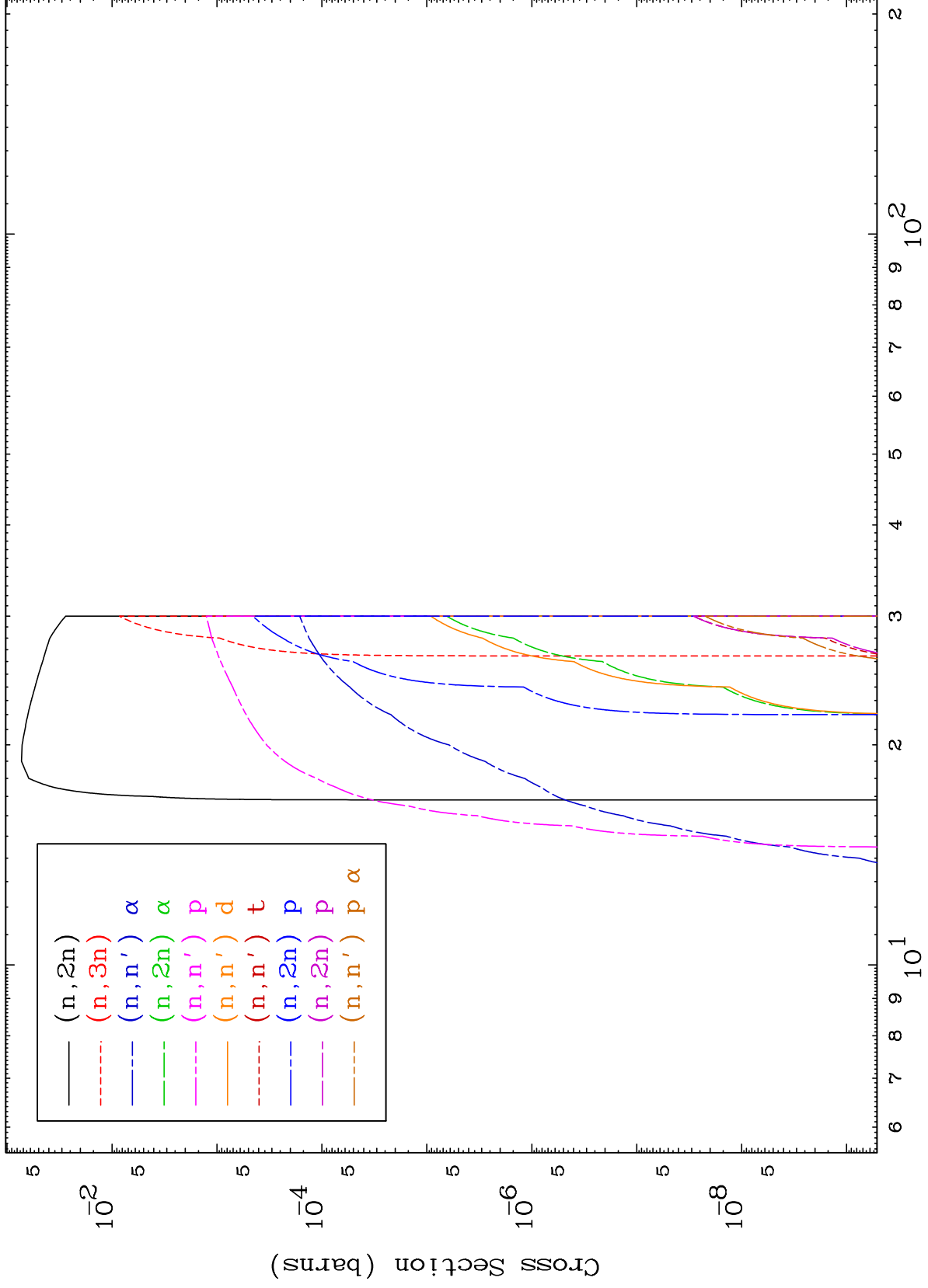


Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, 3n)
- - - (n, γ)

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Photon Neutron Absorption
0 Kelvin Cross Sections

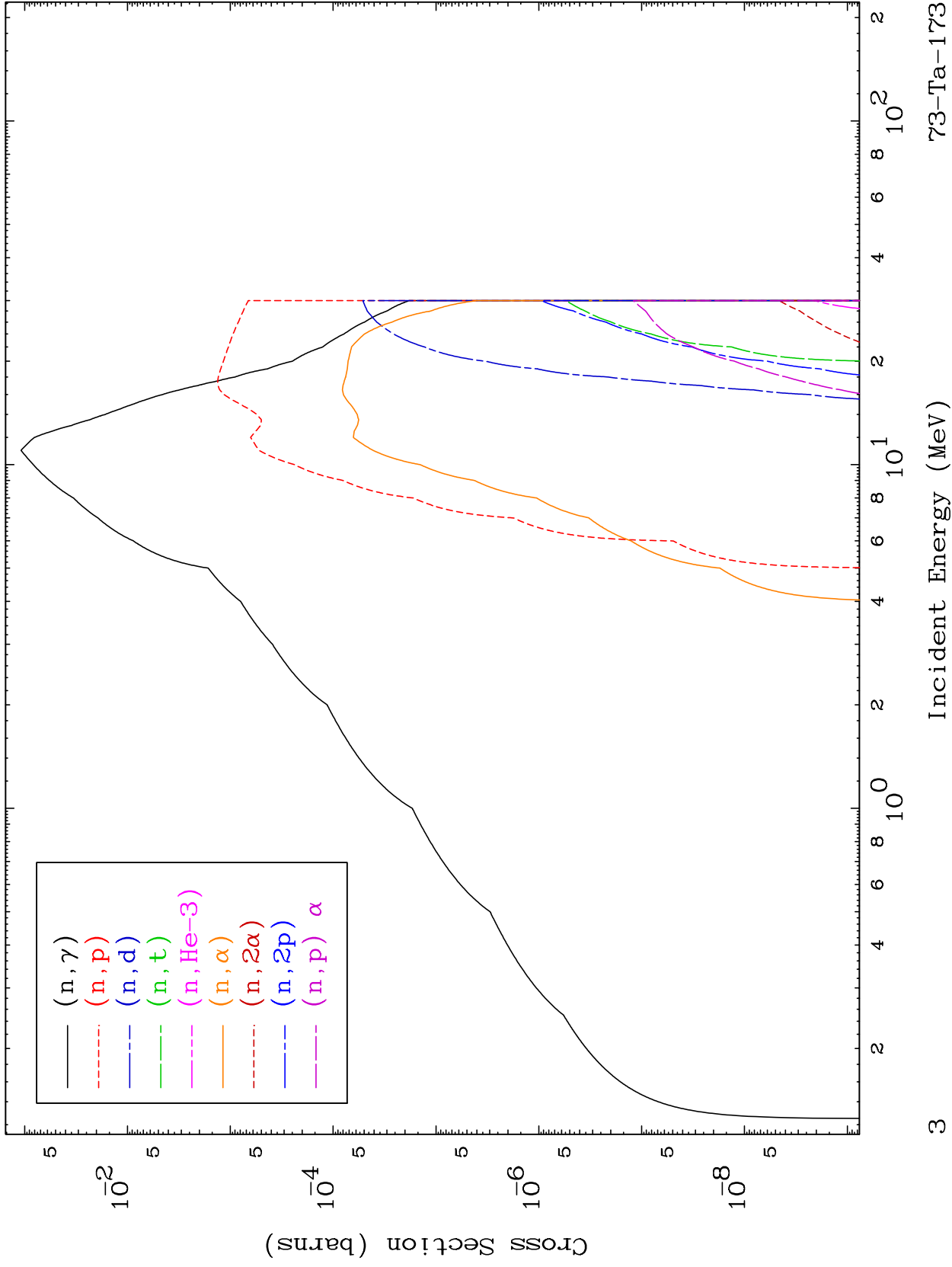
73-Ta-173



2

Incident Energy (MeV)

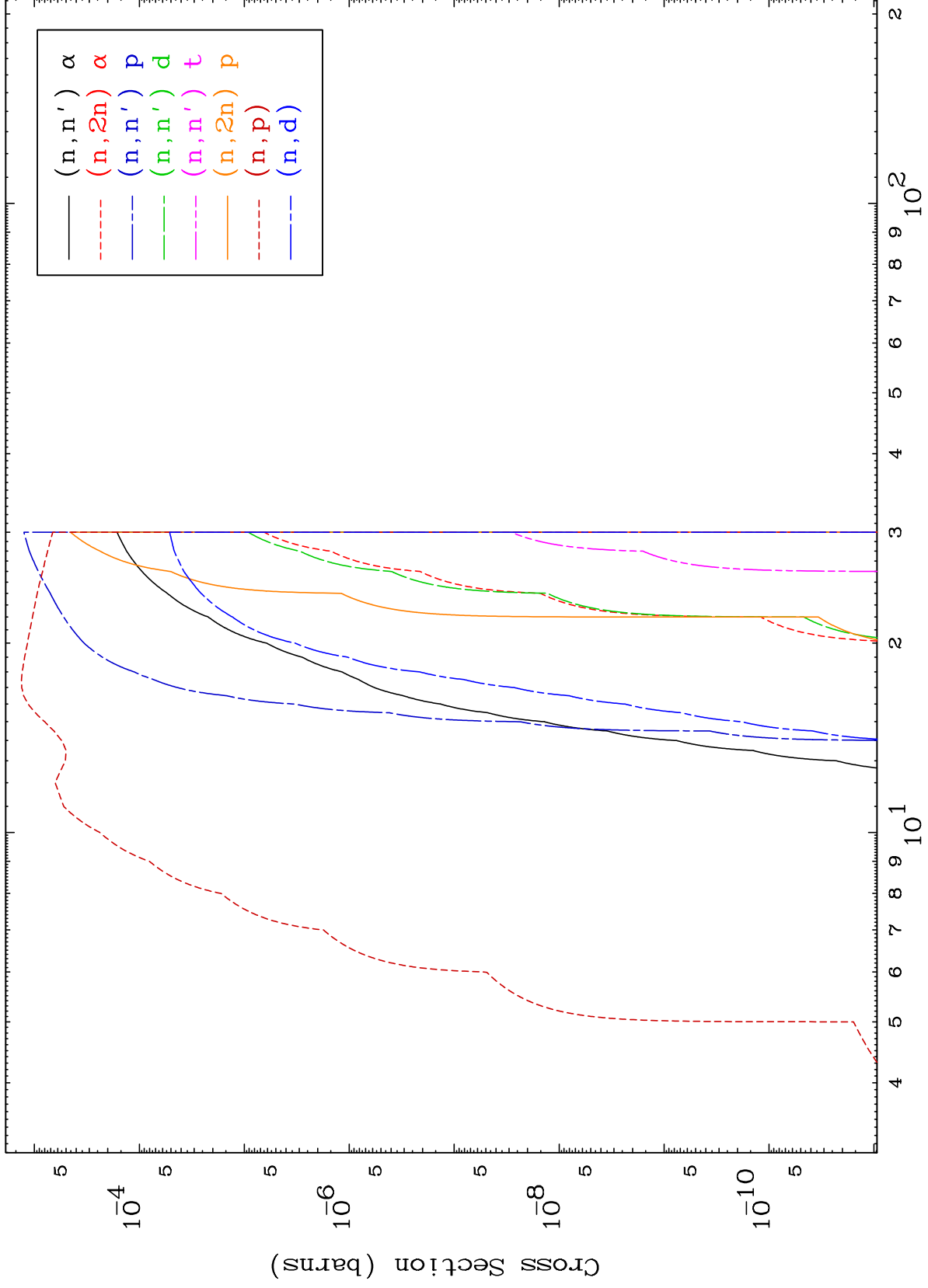
73-Ta-173



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Photon Charged Particle
0 Kelvin Cross Sections

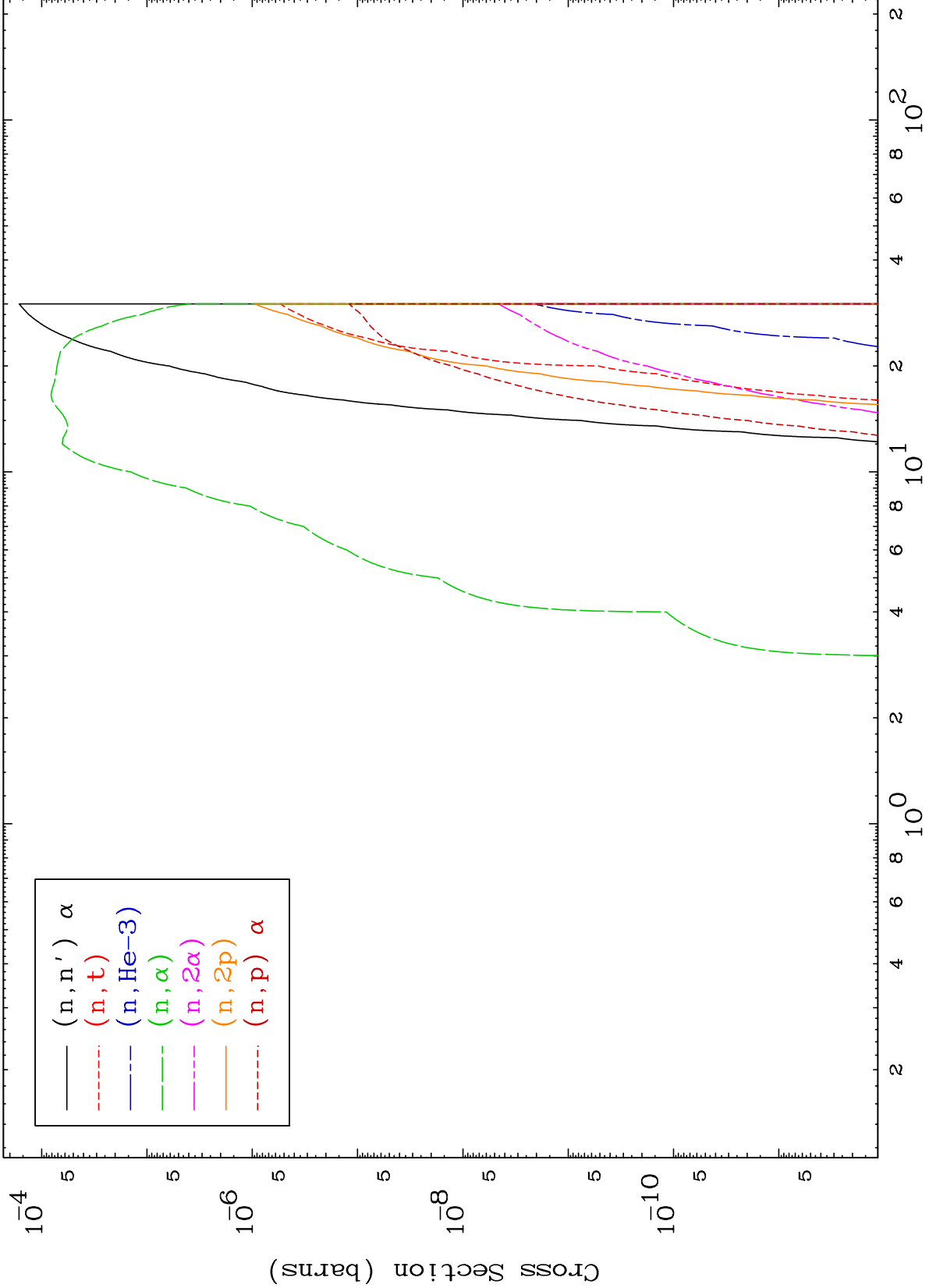
73-Ta-173



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Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-173

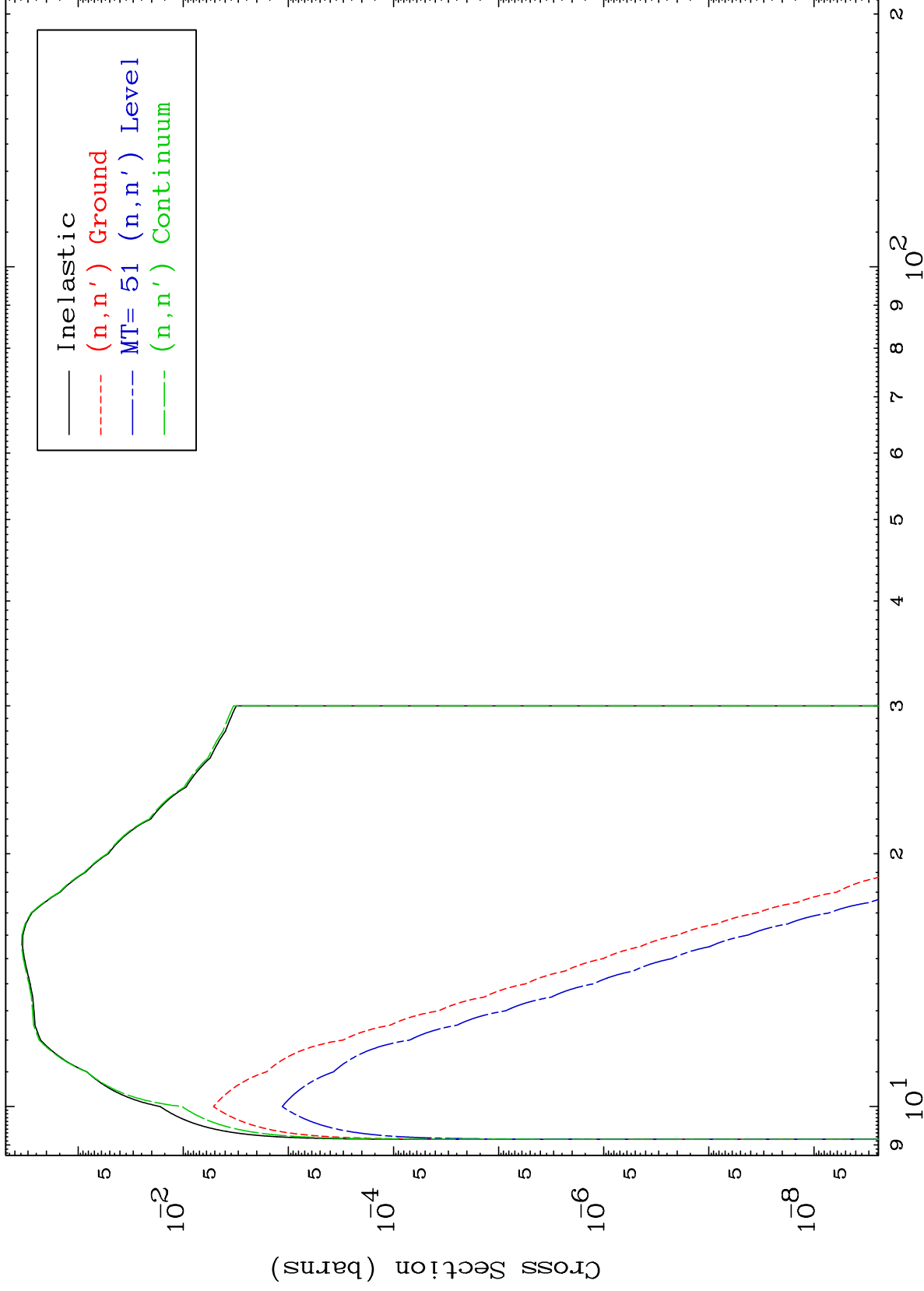


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(γ, n') Levels

73-Ta-173

0 Kelvin Cross Sections



Incident Energy (MeV)

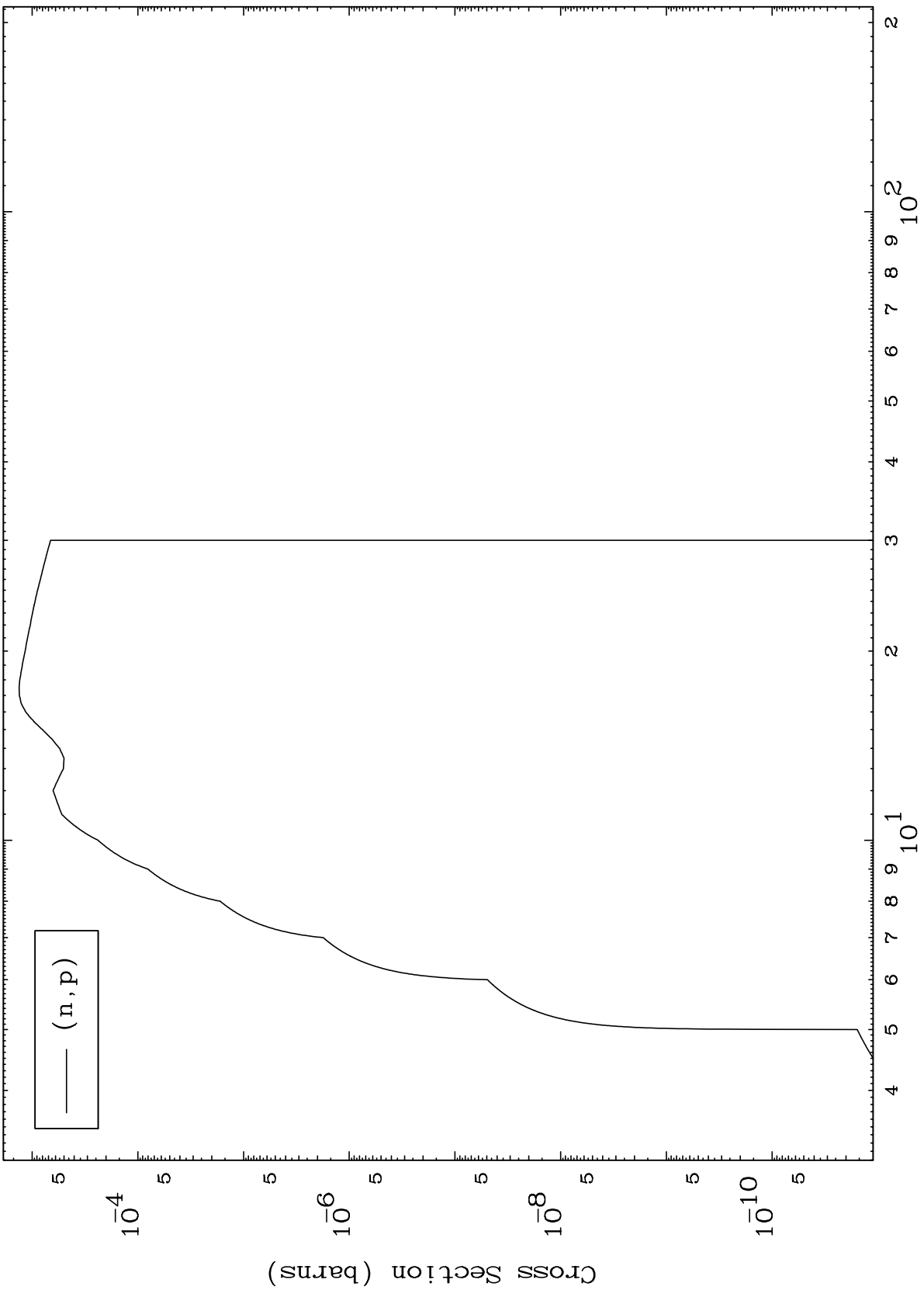
73-Ta-173

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(γ, p) Levels

73-Ta-173

0 Kelvin Cross Sections

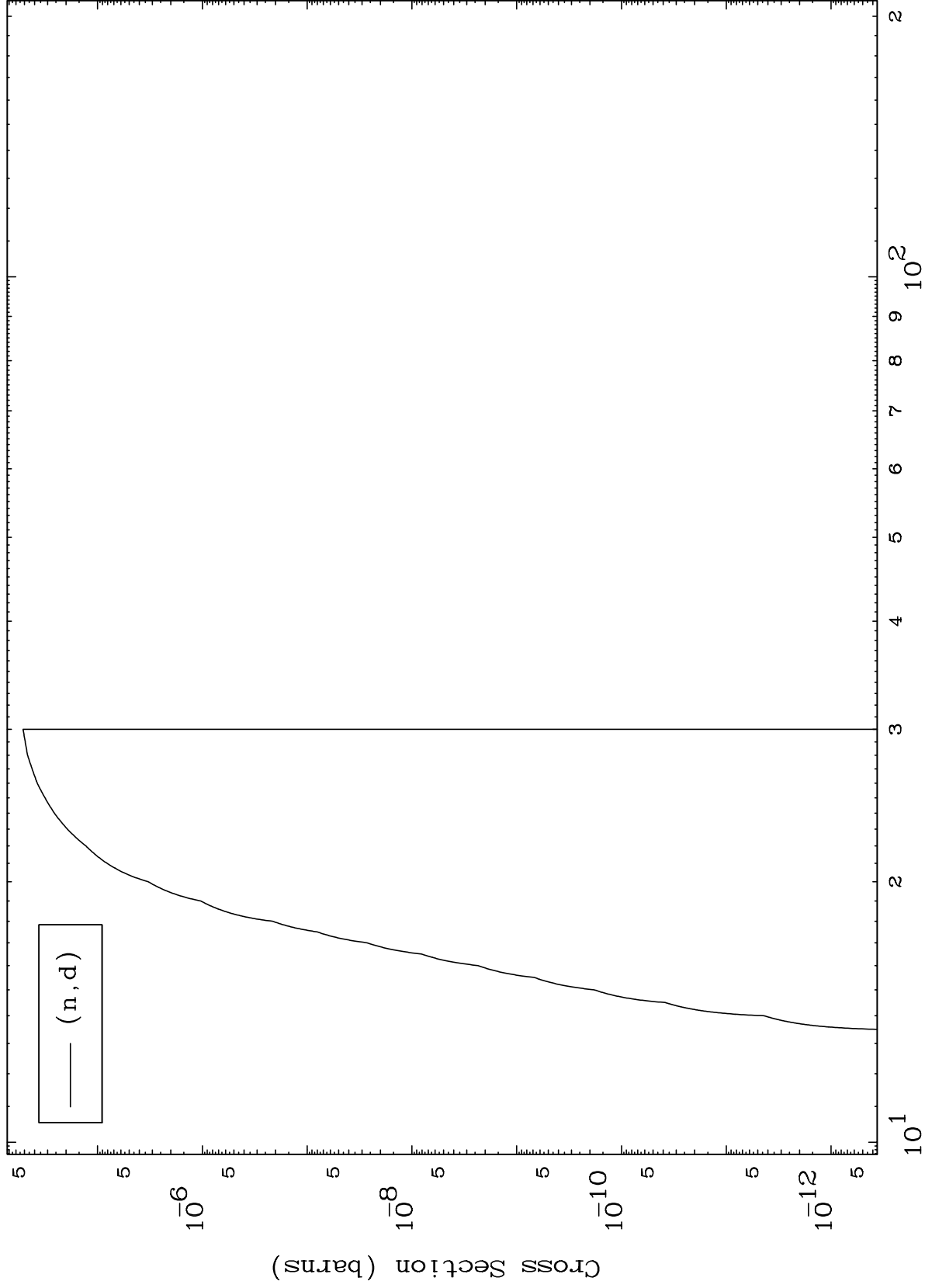


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(γ, d) Levels

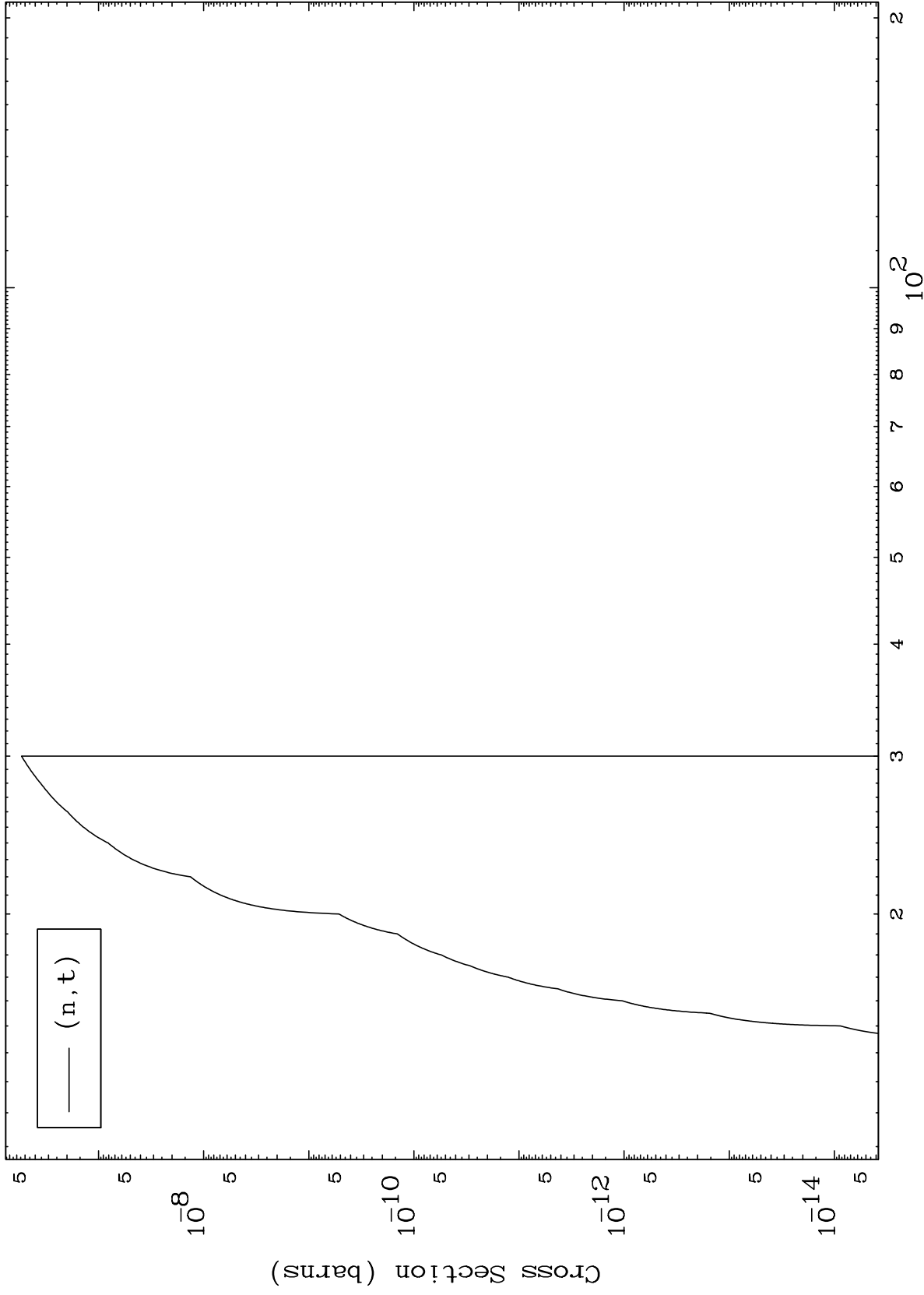
73-Ta-173

0 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-173

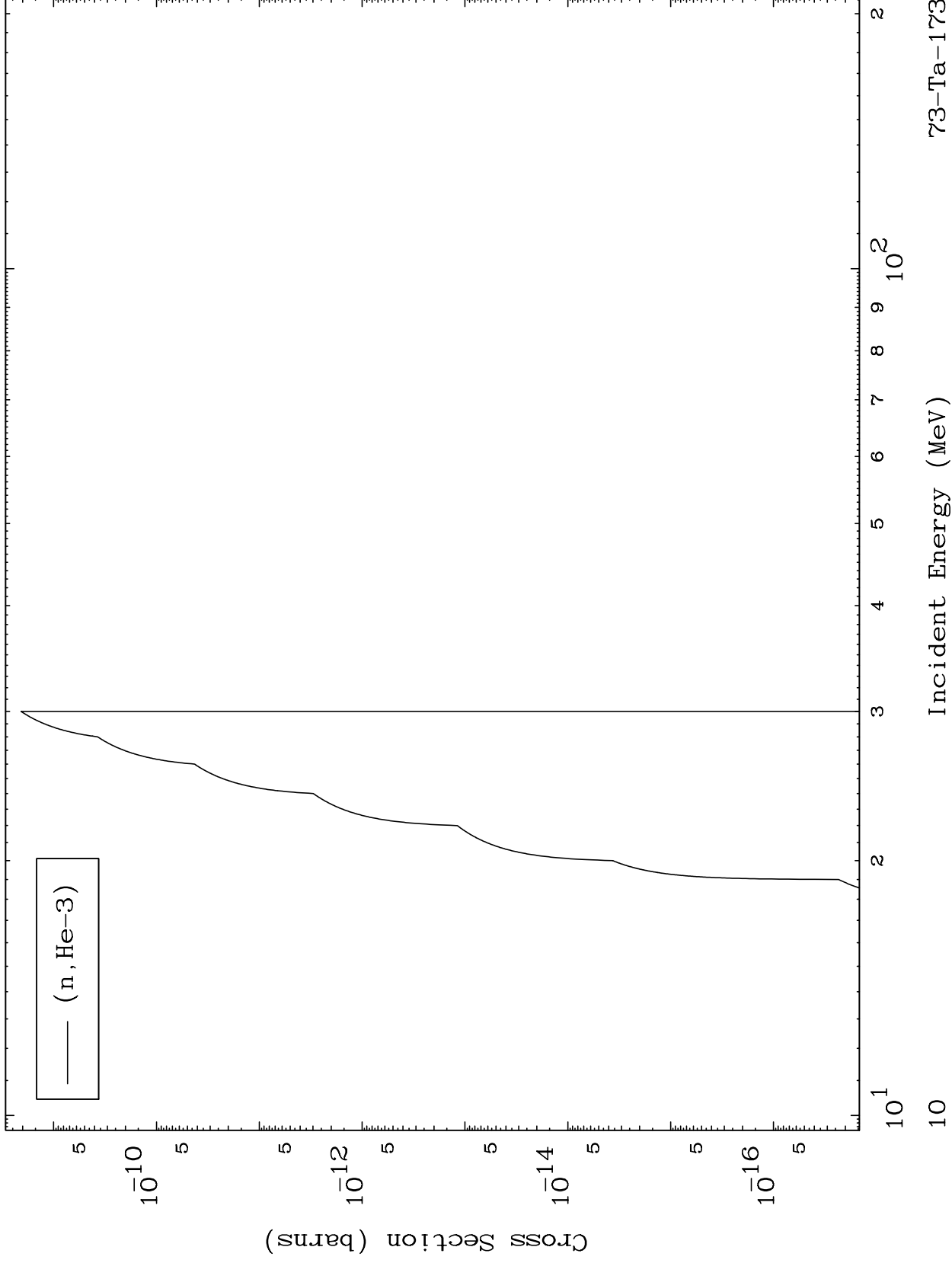


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(γ , He3) Levels

73-Ta-173

0 Kelvin Cross Sections



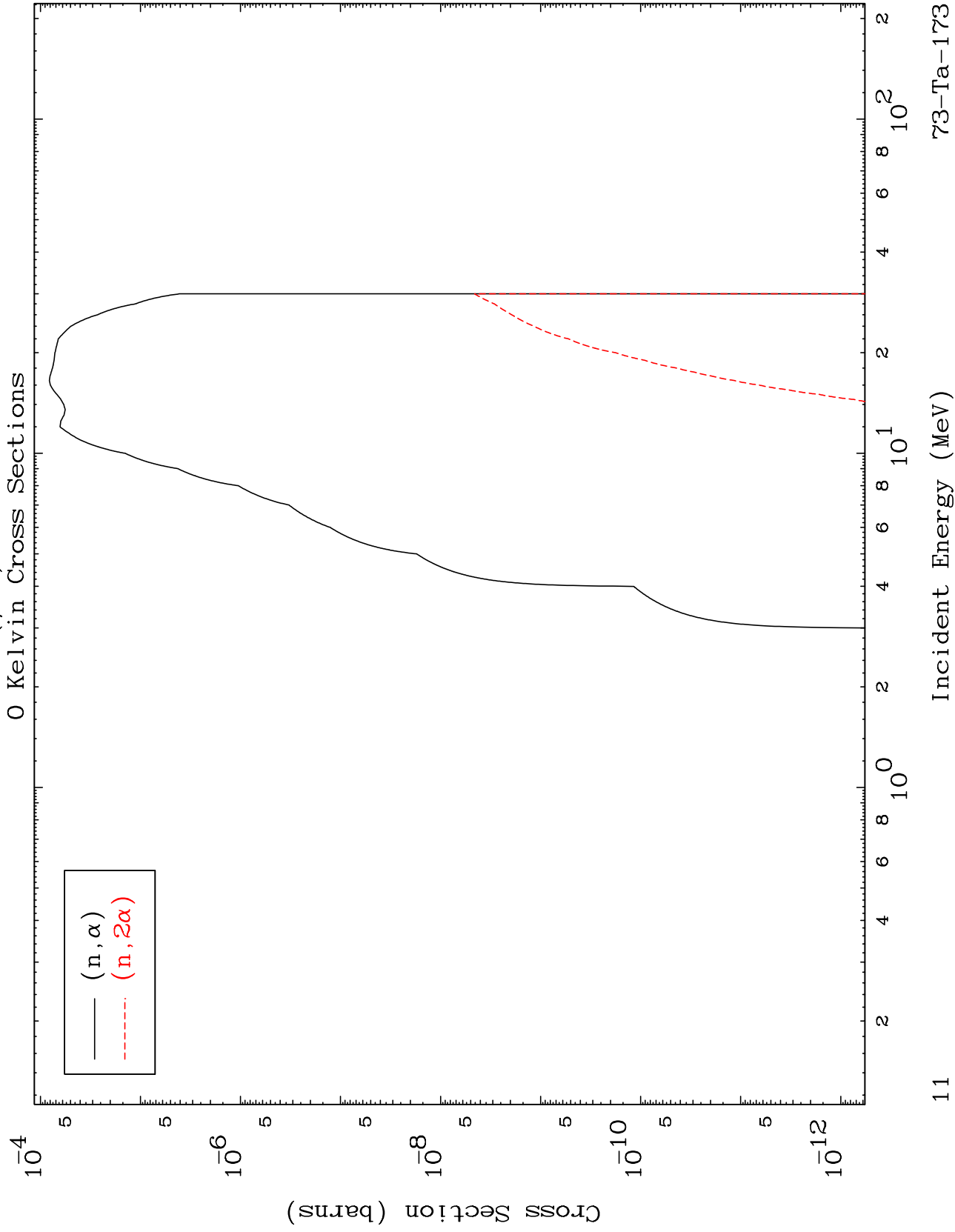
Incident Energy (MeV)

73-Ta-173

MAT 7304

(γ, α) Levels

73-Ta-173

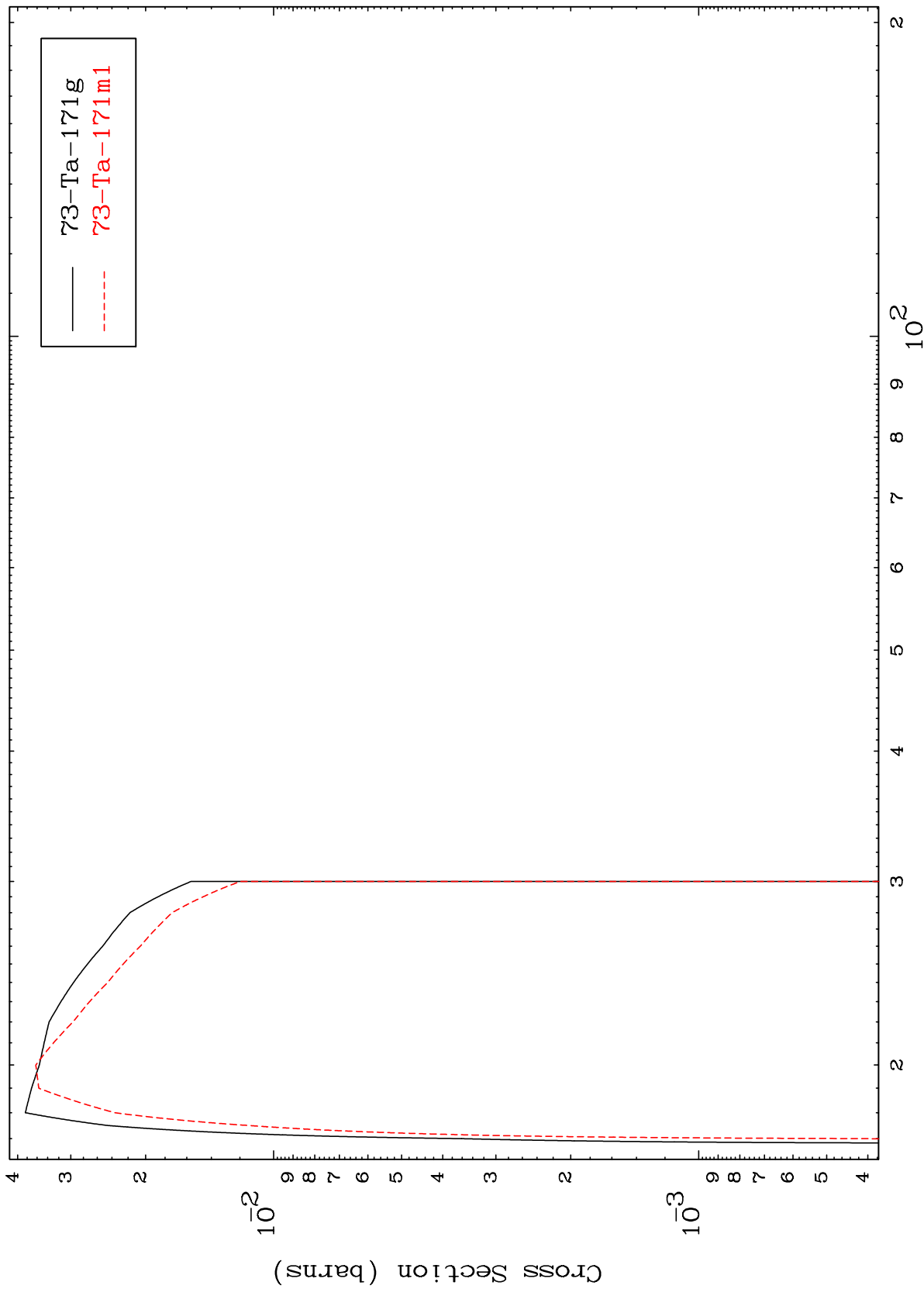


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⁷³Ta-173

(n,2n)

Radionuclide Production Cross Section



⁷³Ta-173

Incident Energy (MeV)

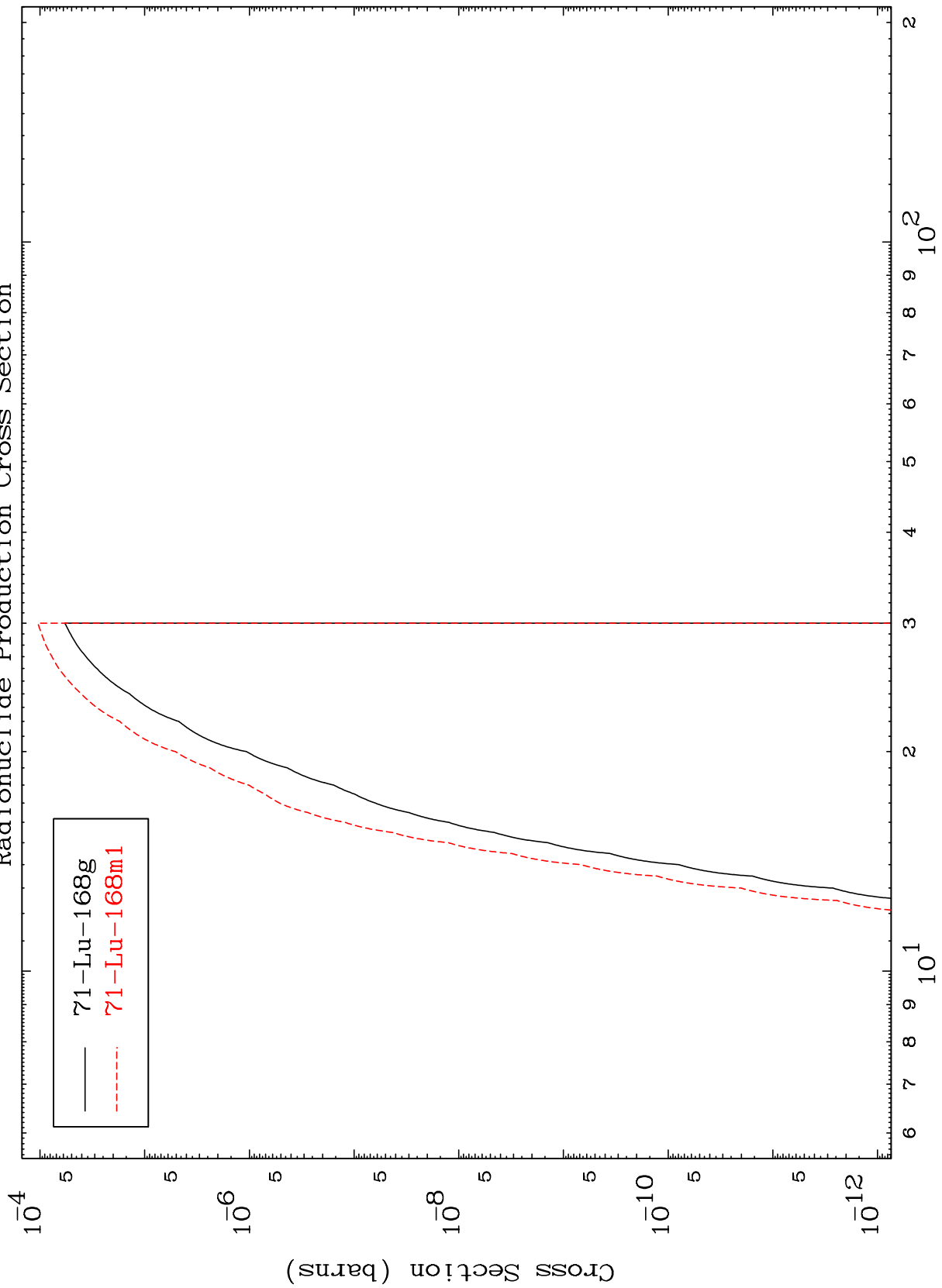
12

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$(n, n') \alpha$

$^{73}\text{Ta}-173$

Radionuclide Production Cross Section



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

13

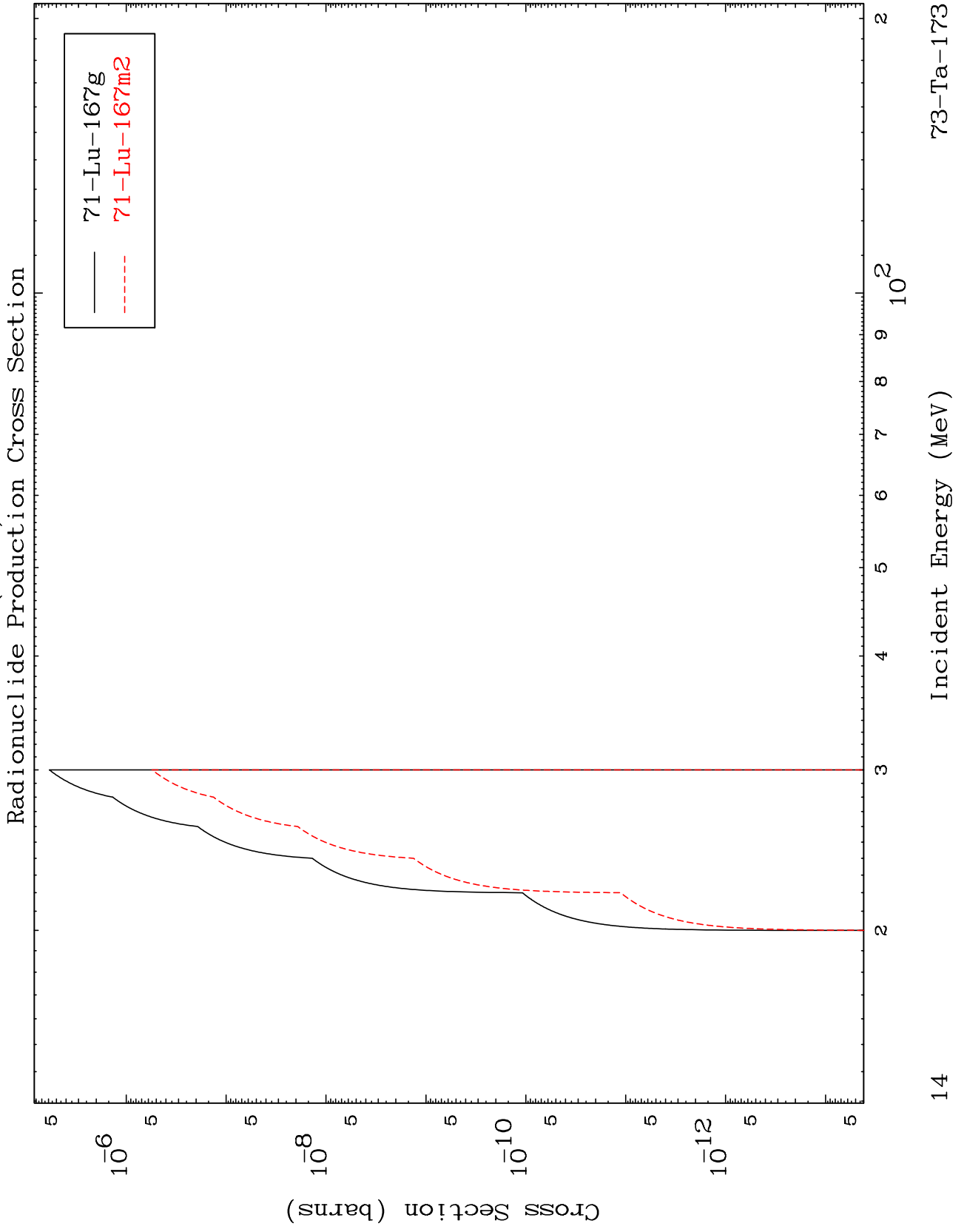
Incident Energy (MeV)

$^{73}\text{Ta}-173$

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$(n,2n) \alpha$

73-Ta-173

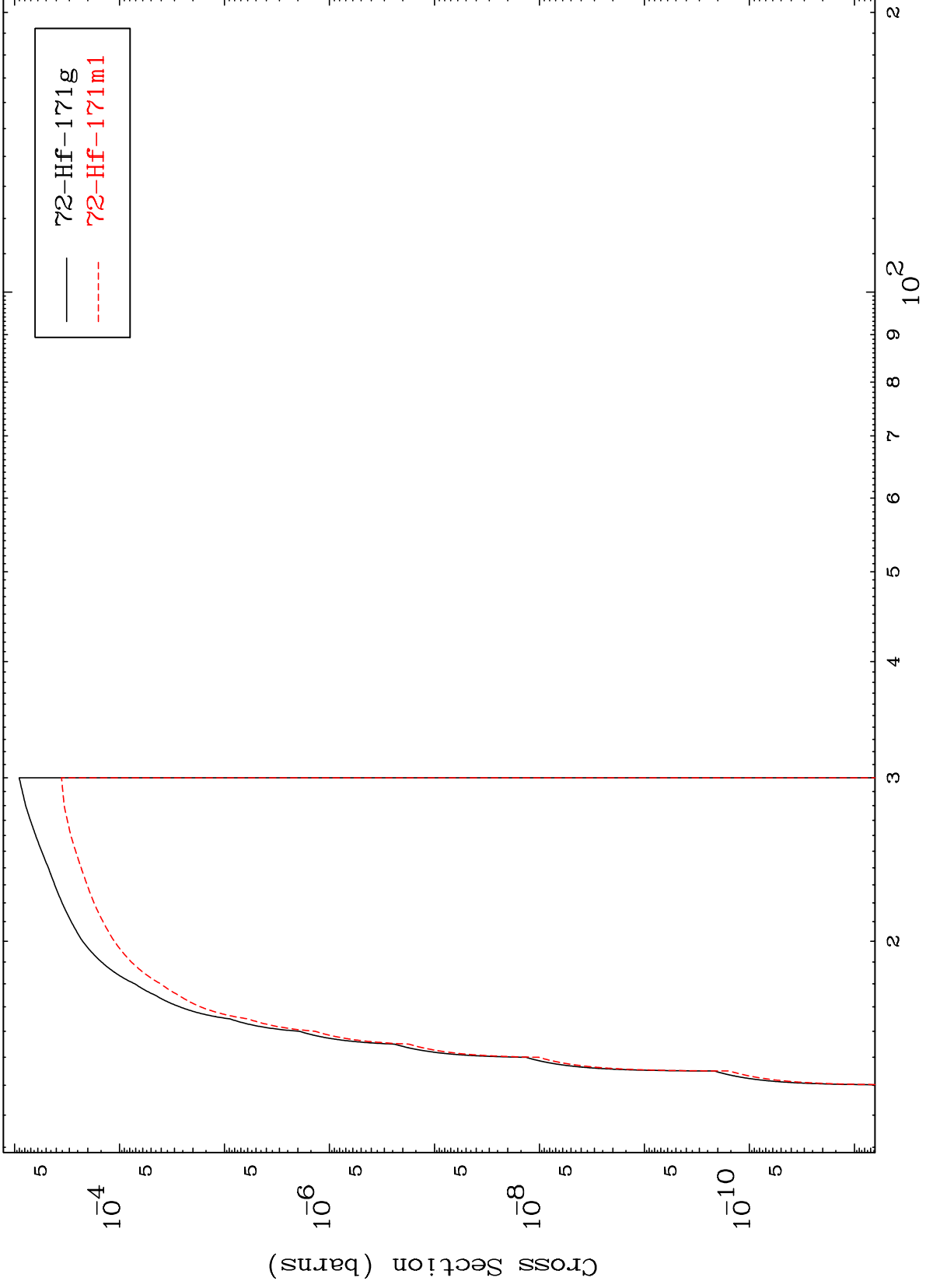


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(n, n') p

$^{73}\text{Ta}-173$

Radionuclide Production Cross Section

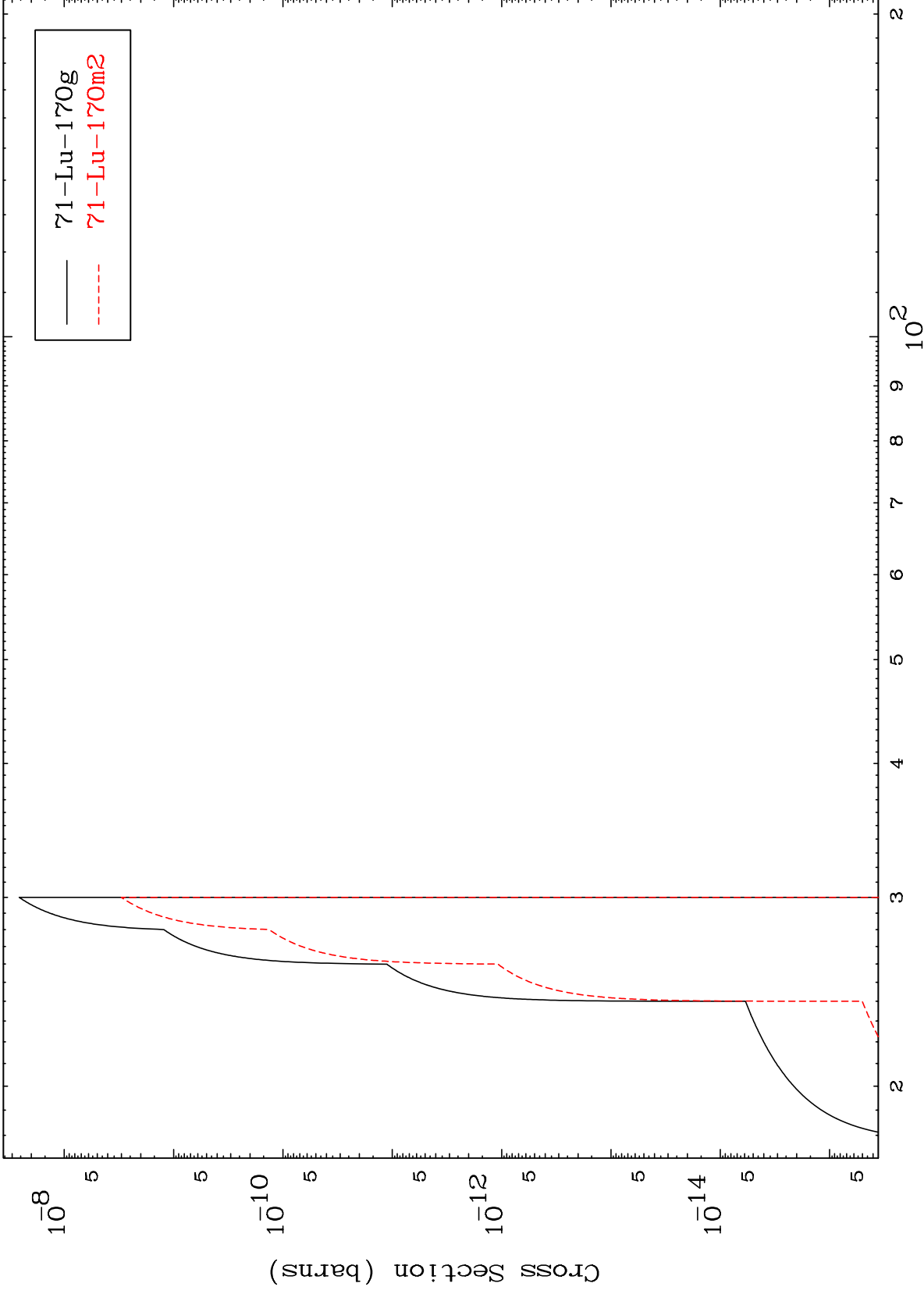


15

Incident Energy (MeV)

$^{73}\text{Ta}-173$

Radionuclide Production Cross Section

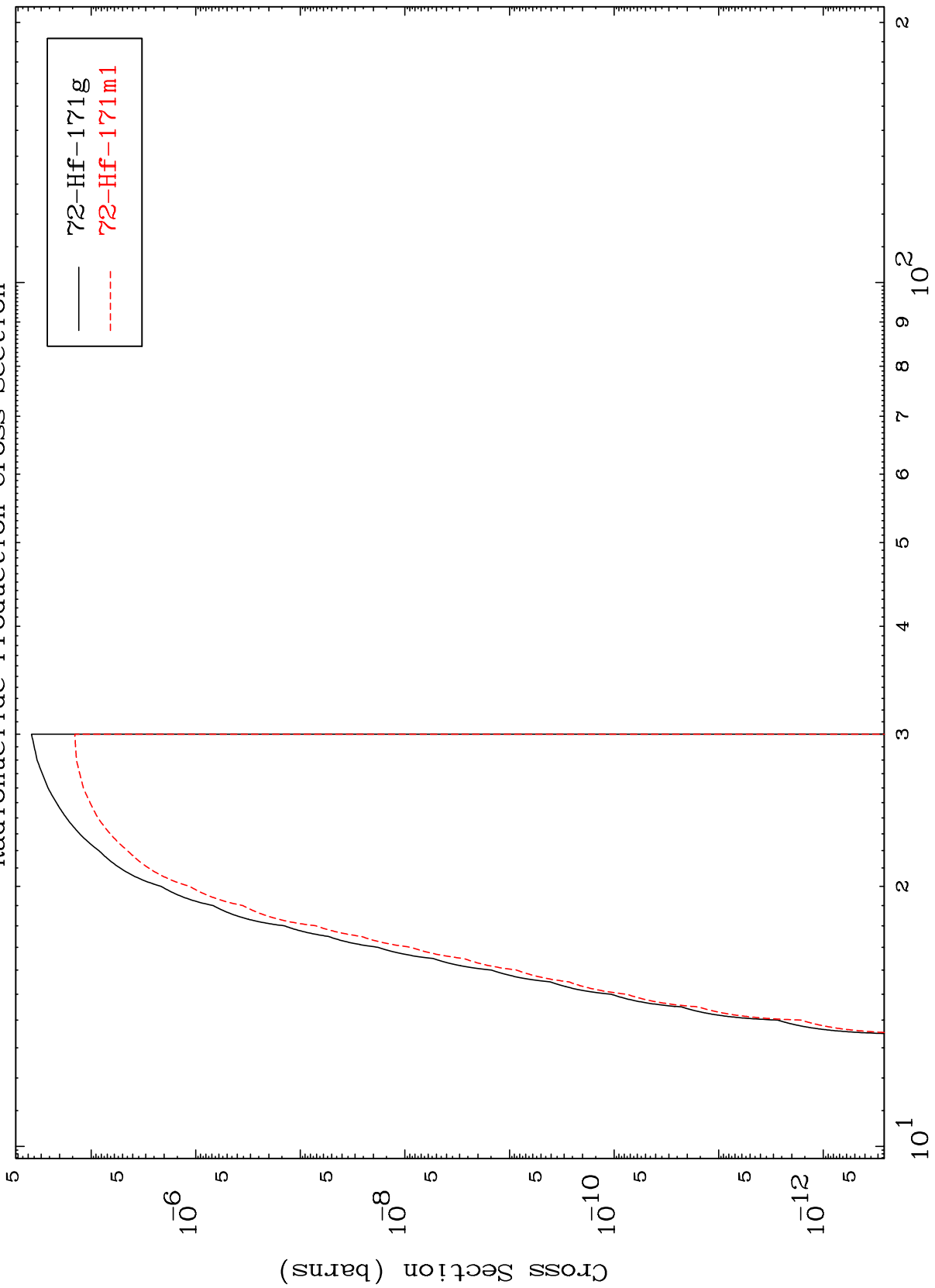


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(n,d)

⁷³Ta-173

Radionuclide Production Cross Section



Incident Energy (MeV)

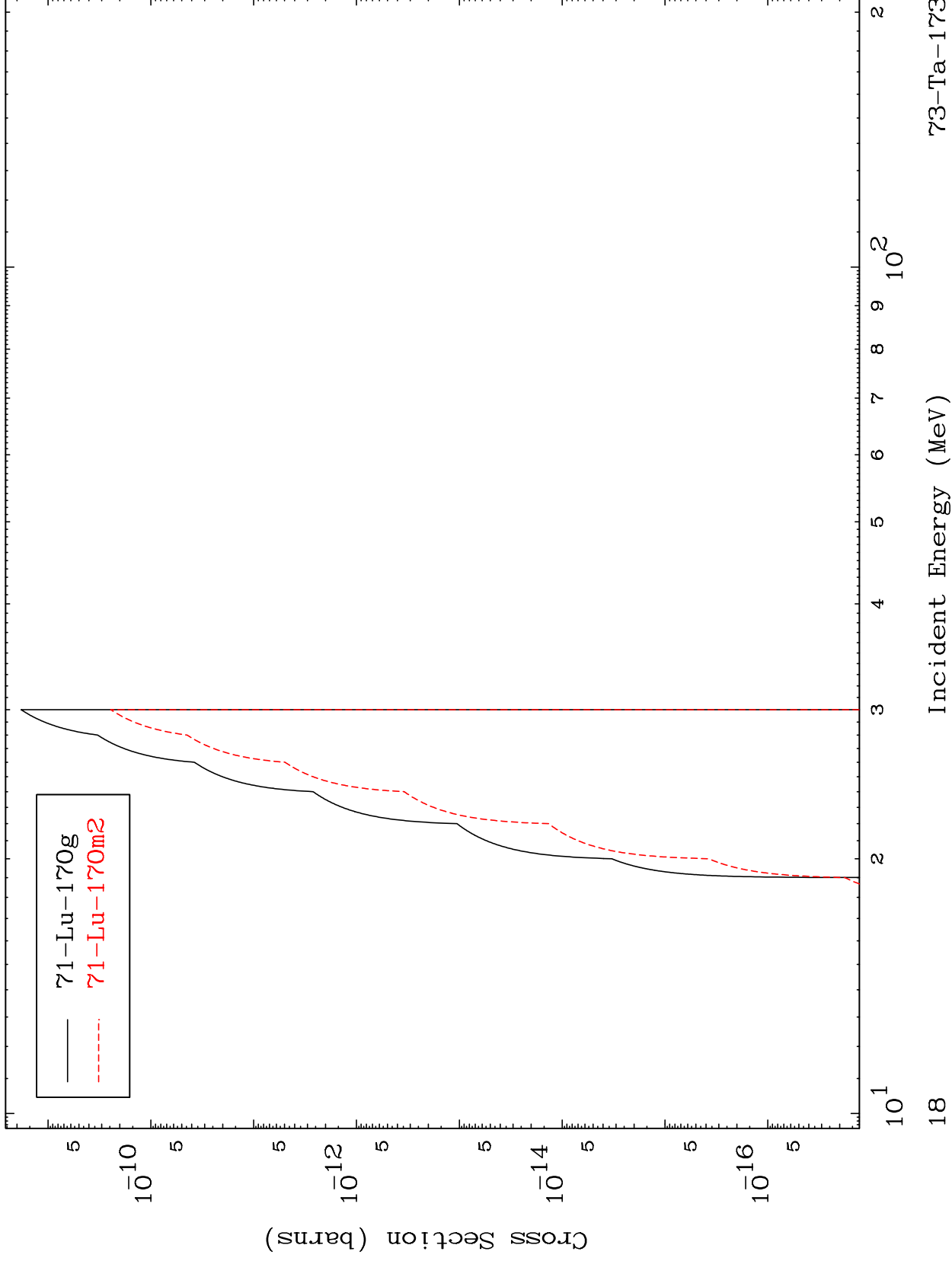
⁷³Ta-173

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(n,He-3)

73-Ta-173

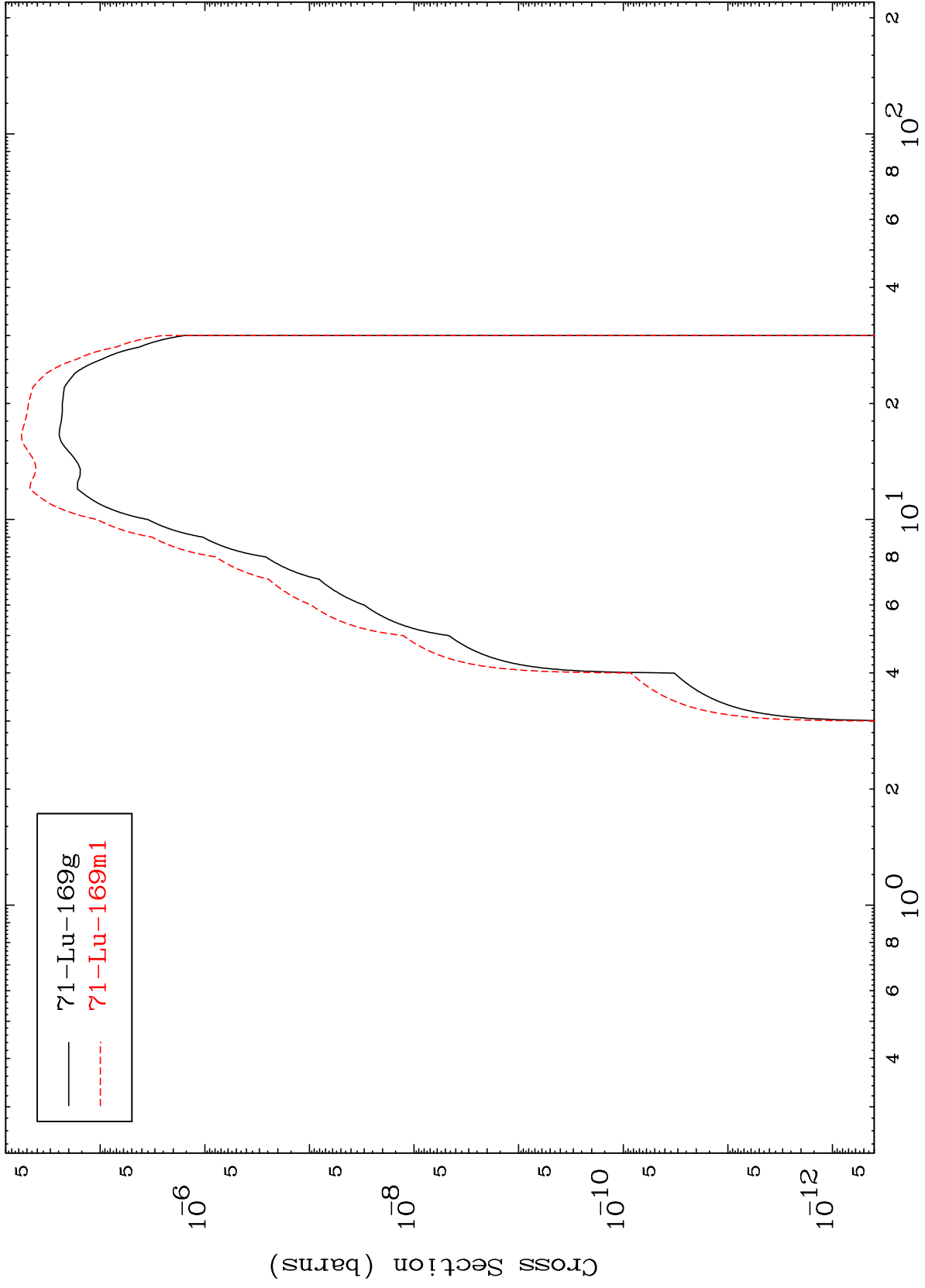
Radionuclide Production Cross Section



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73-Ta-173

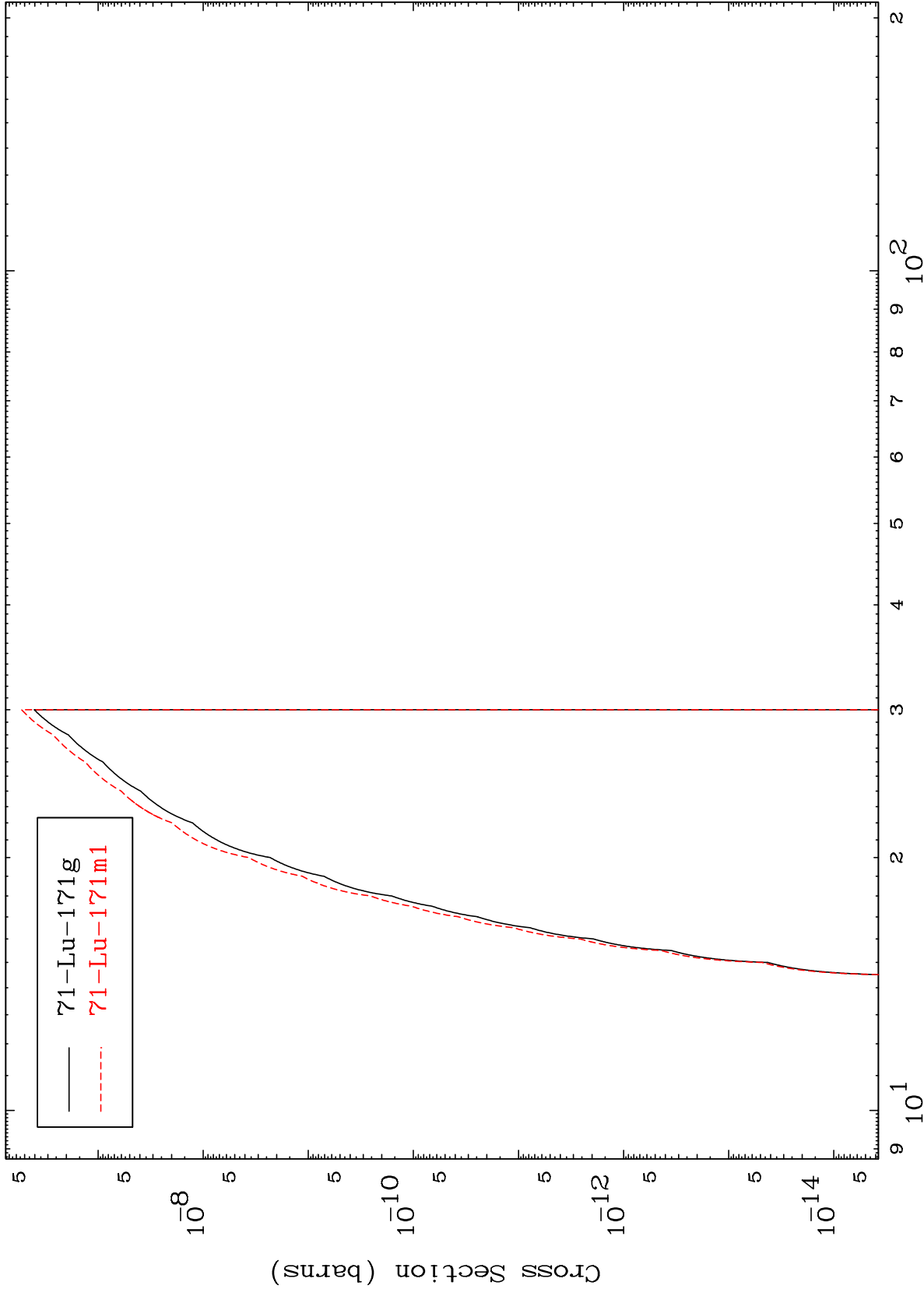
(n, α)
Radionuclide Production Cross Section



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73-Ta-173

(n,2p)
Radionuclide Production Cross Section



73-Ta-173

Incident Energy (MeV)

20