

Program EVALPLOT
(Version 2018-1)

by

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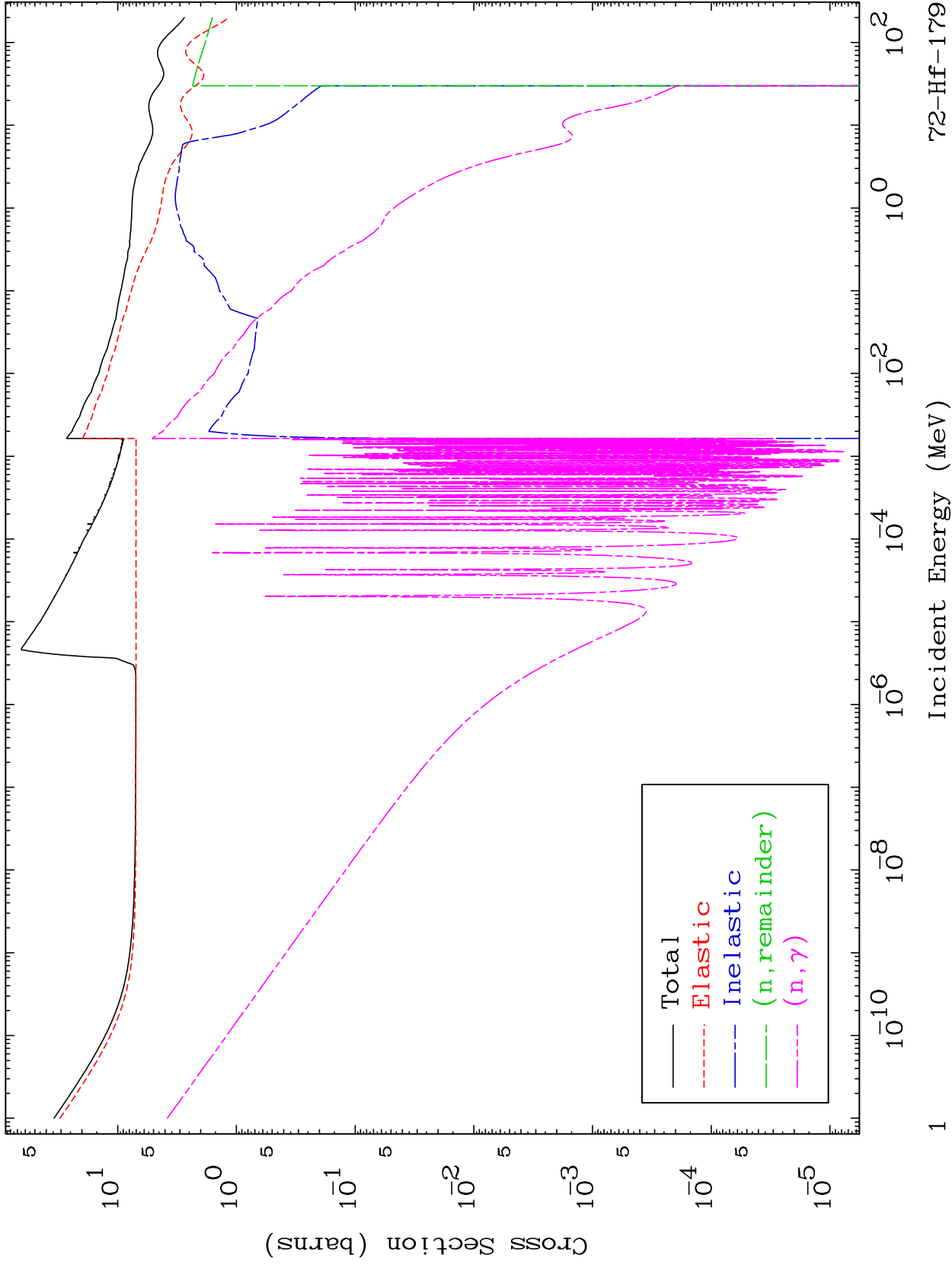
Press Mouse Button to Start

MAT 7241

Major

293 Kelvin Cross Sections

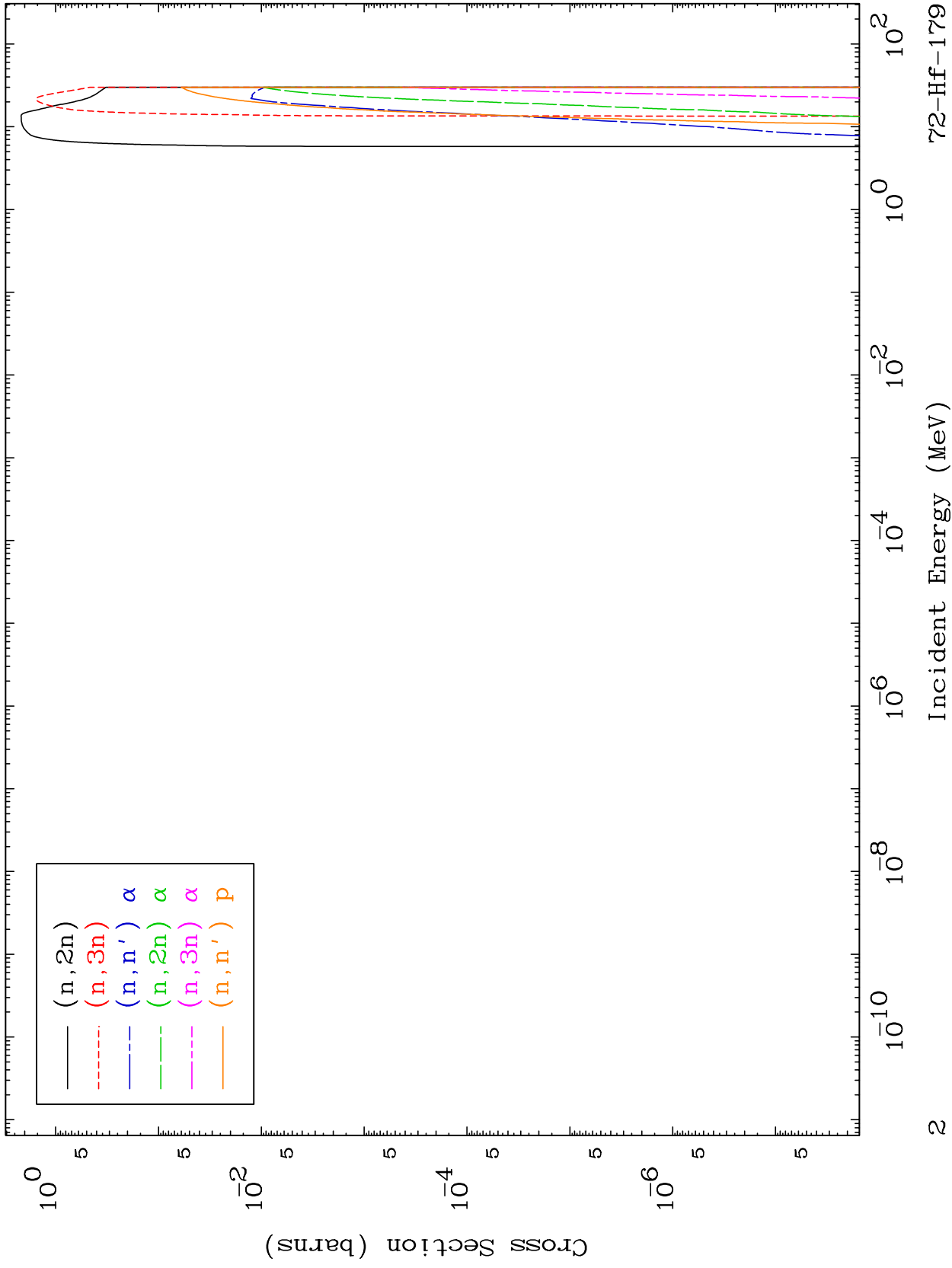
72-Hf-179

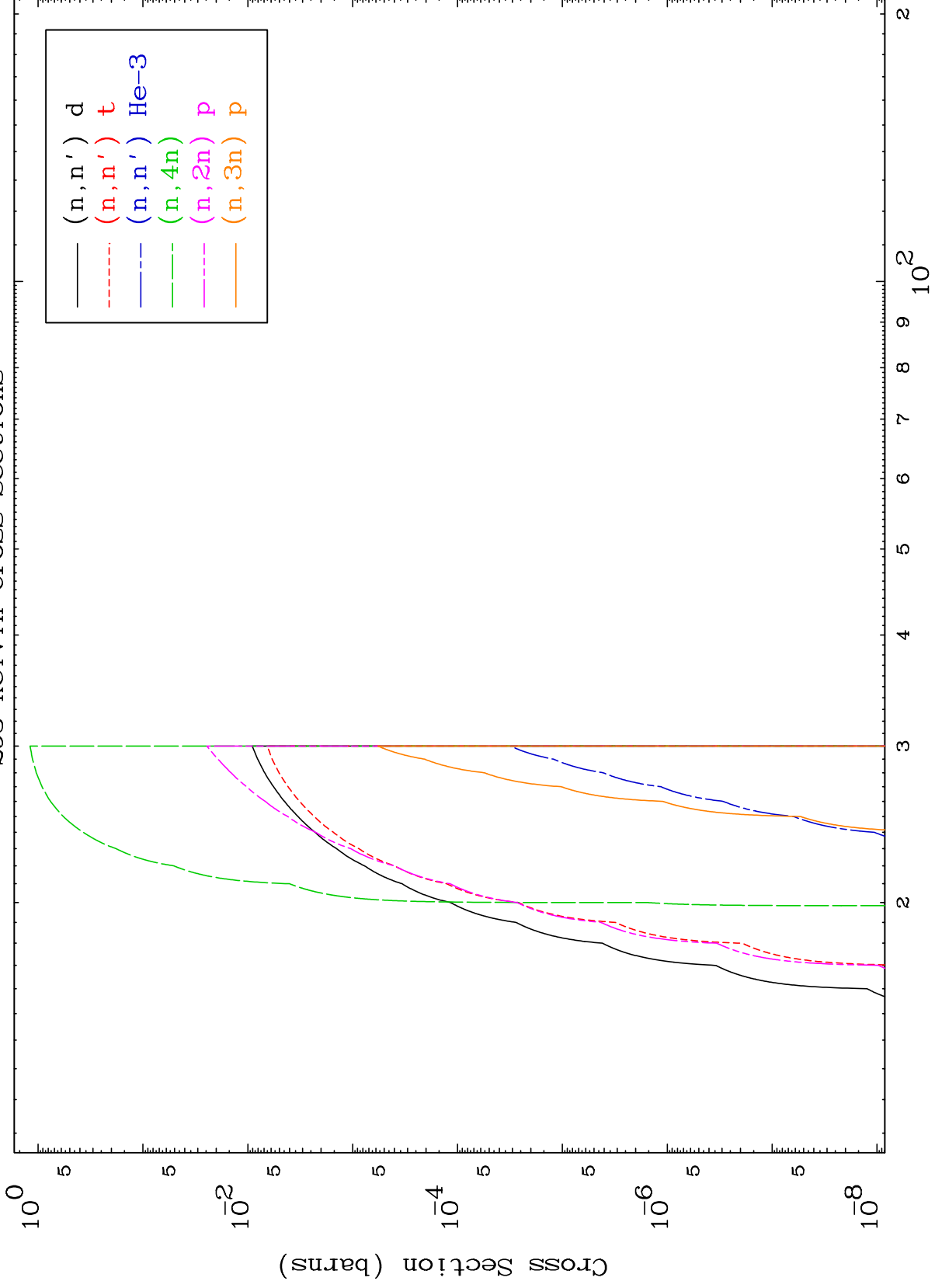


MAT 7241

Neutron Production
293 Kelvin Cross Sections

72-Hf-179

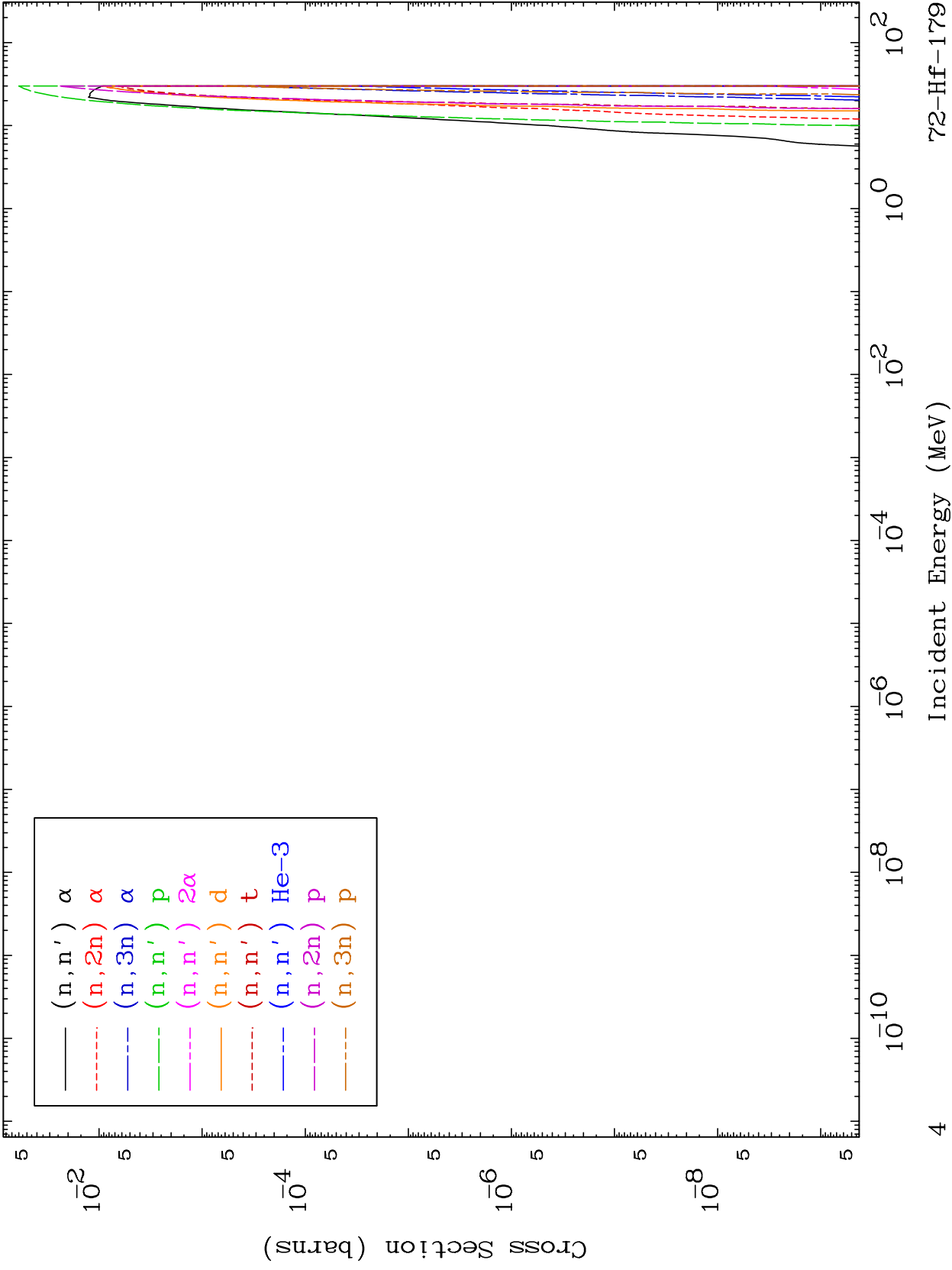




MAT 7241

Charged Particle
293 Kelvin Cross Sections

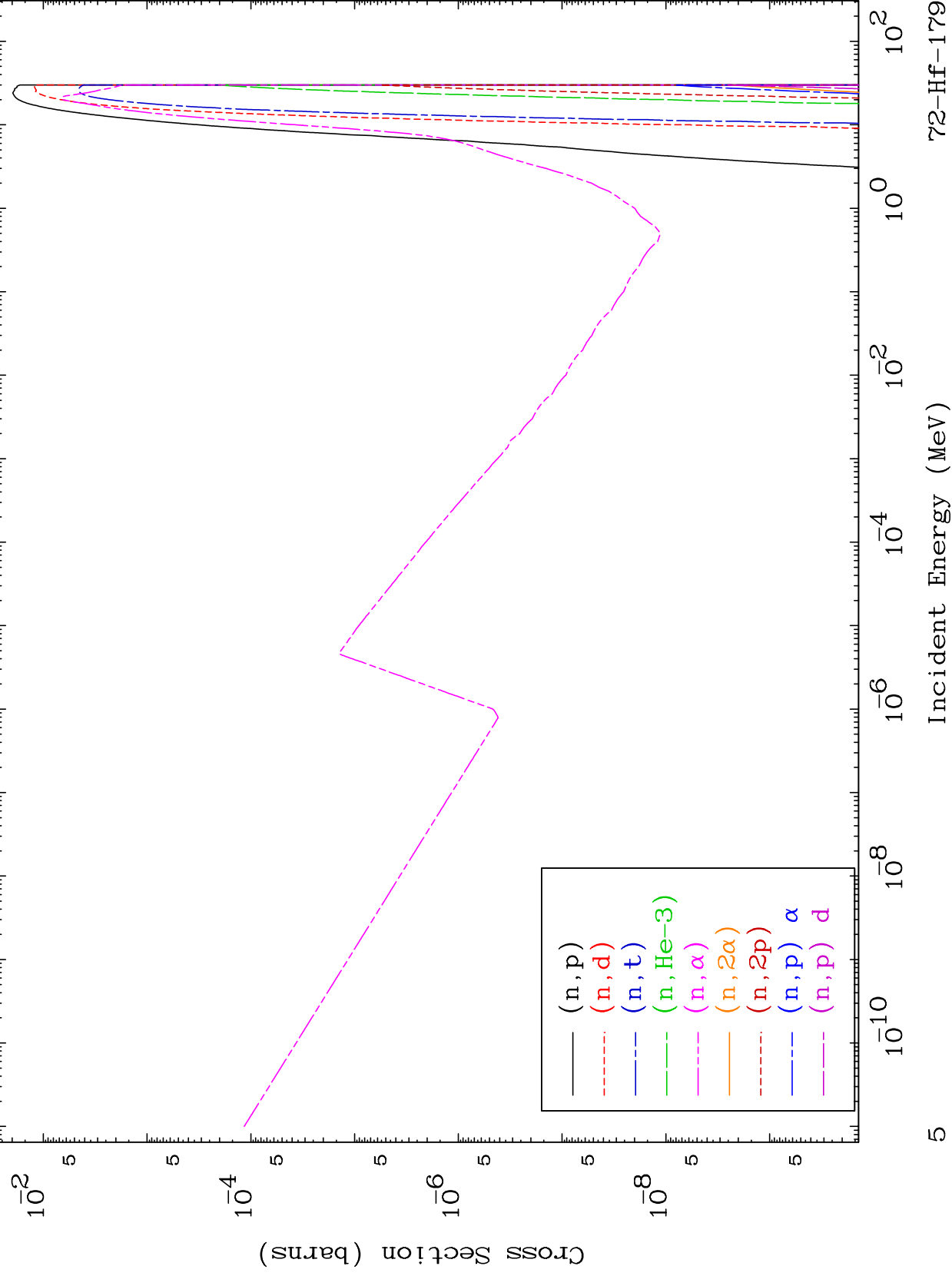
72-Hf-179



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Charged Particle
293 Kelvin Cross Sections

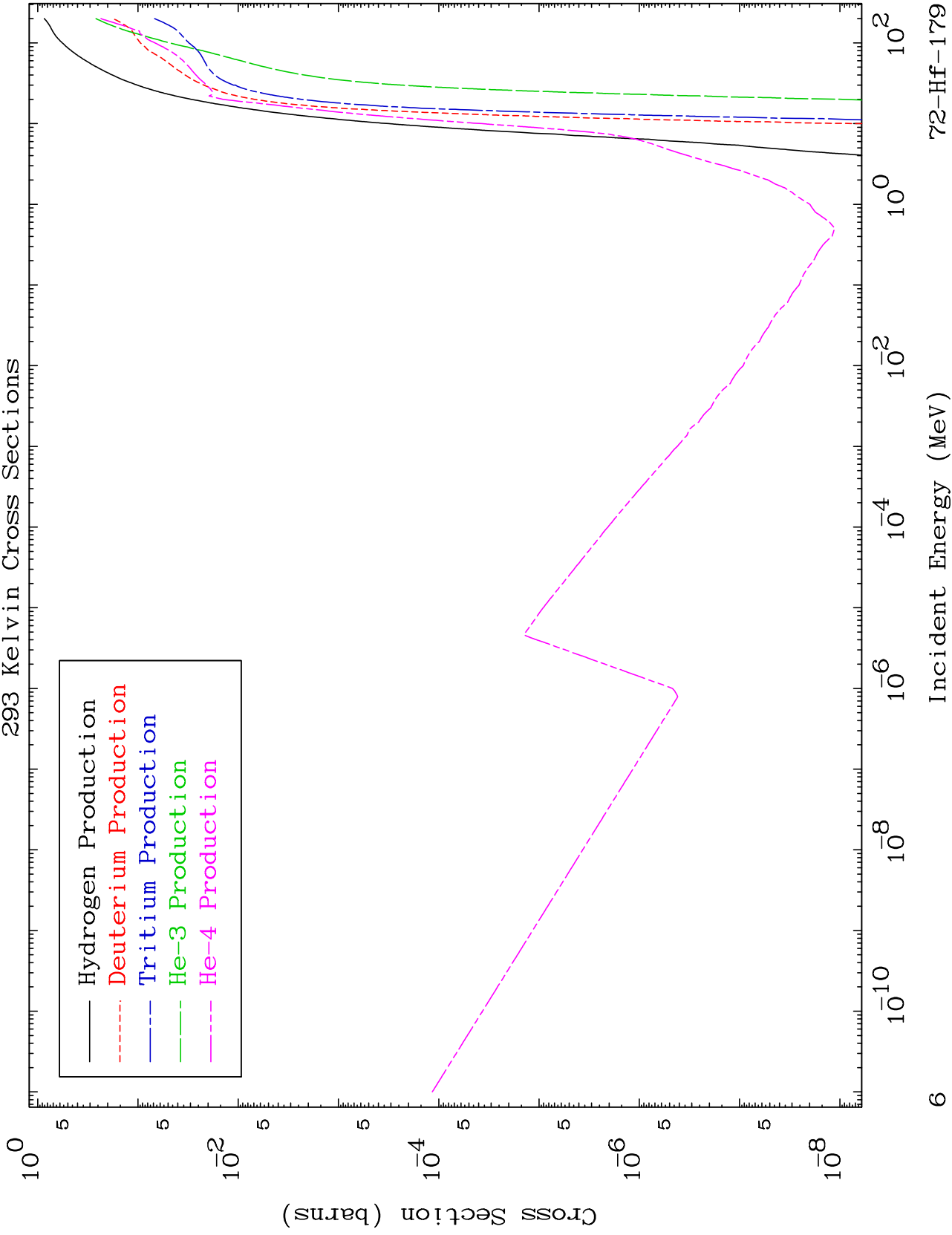
72-Hf-179



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Particle Production
293 Kelvin Cross Sections

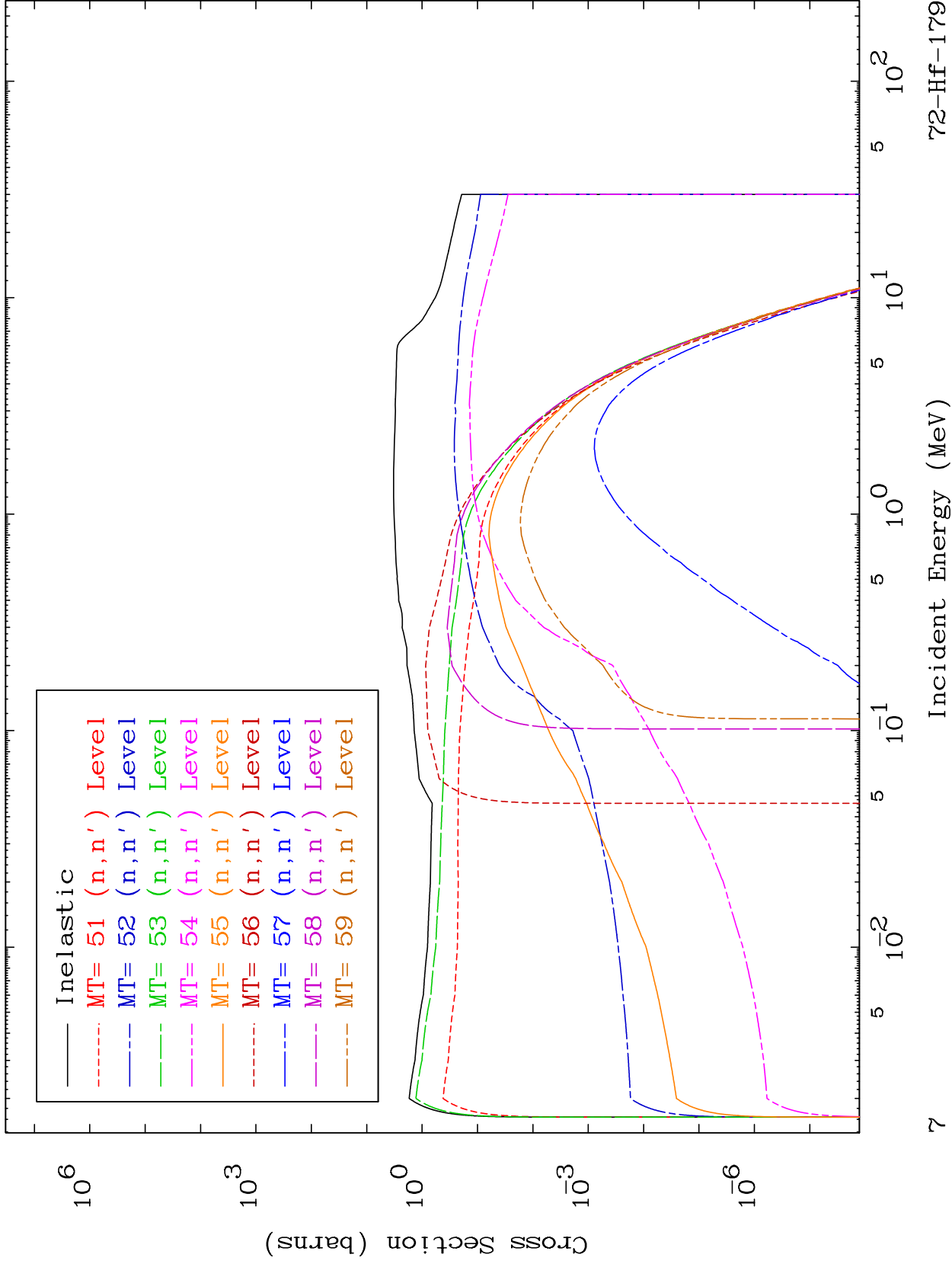
72-Hf-179



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293 Kelvin Cross Sections
(n,n') Level

72-Hf-179

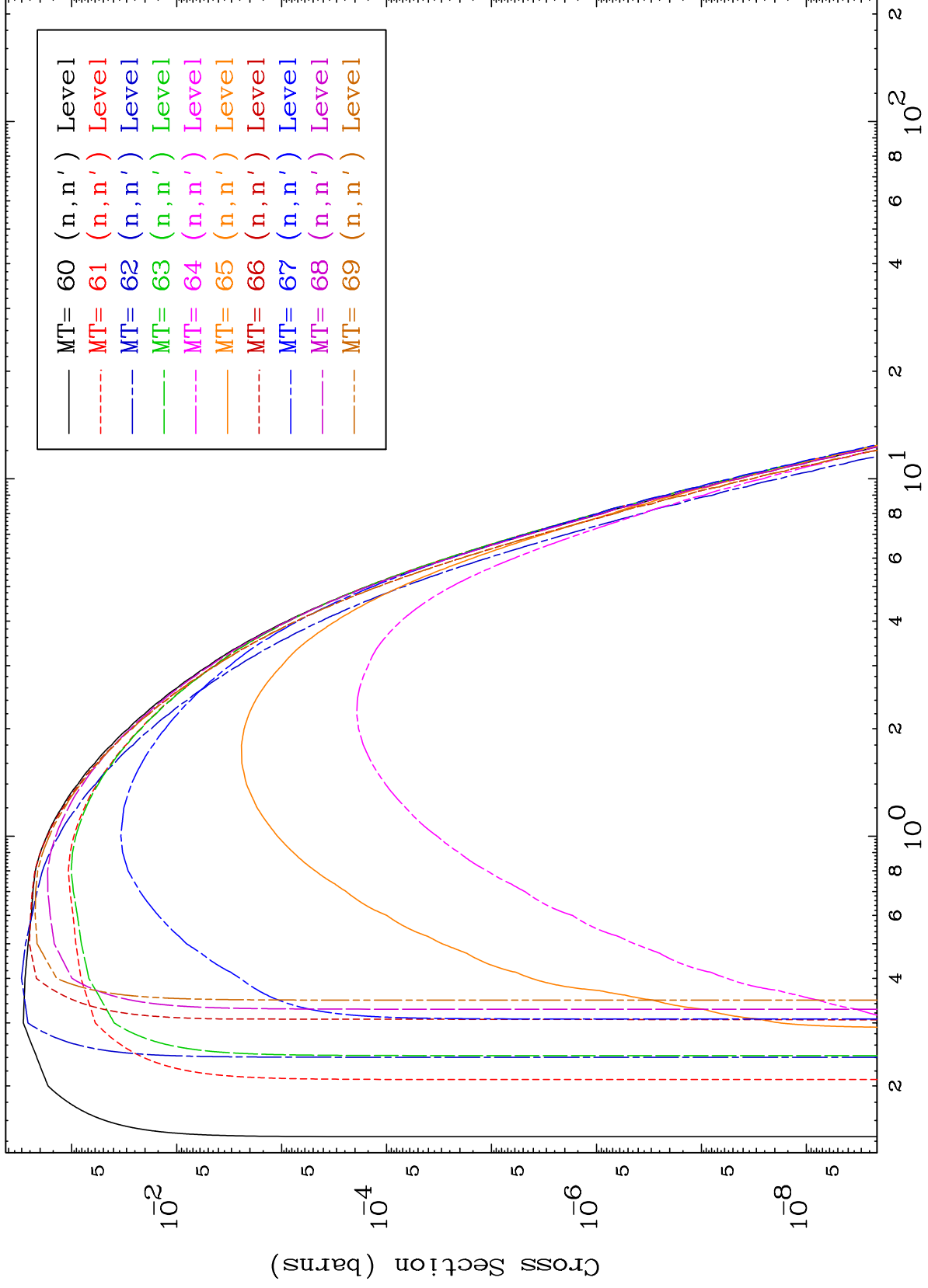


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(n,n') Level

72-Hf-179

293 Kelvin Cross Sections

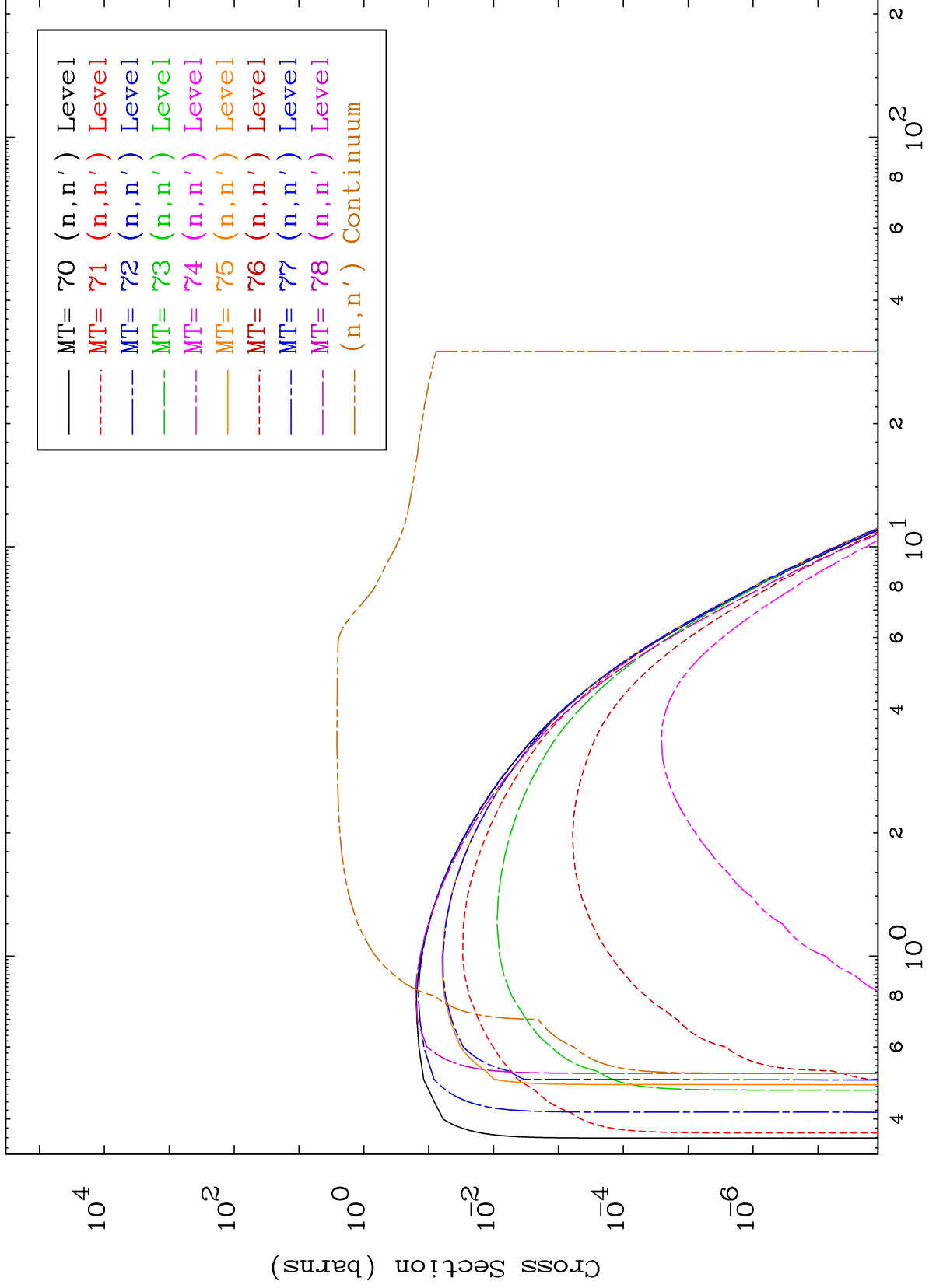


8

Incident Energy (MeV)

72-Hf-179

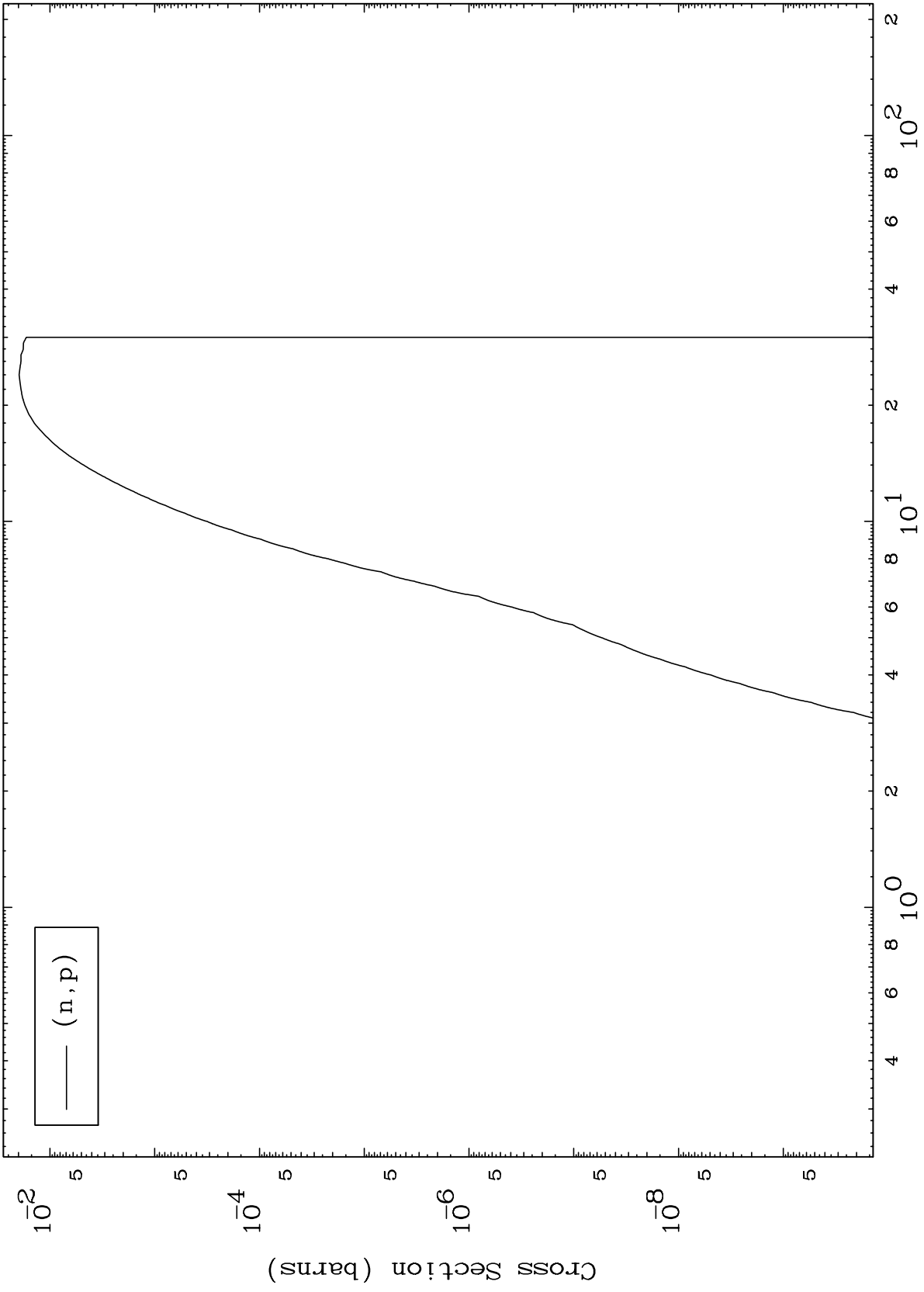
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



10

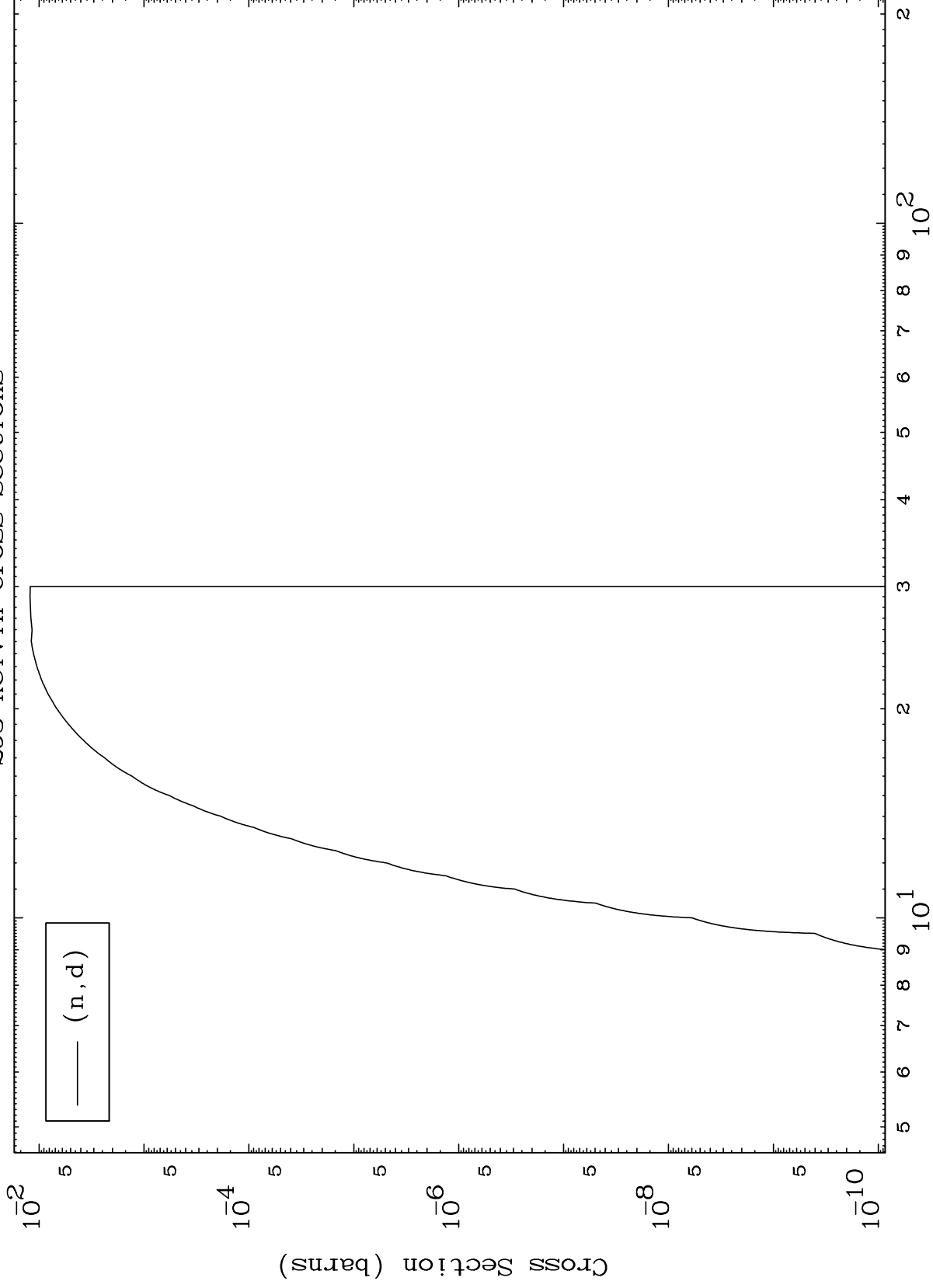
Incident Energy (MeV)

72-Hf-179

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(n,d) Levels
293 Kelvin Cross Sections

72-Hf-179



11

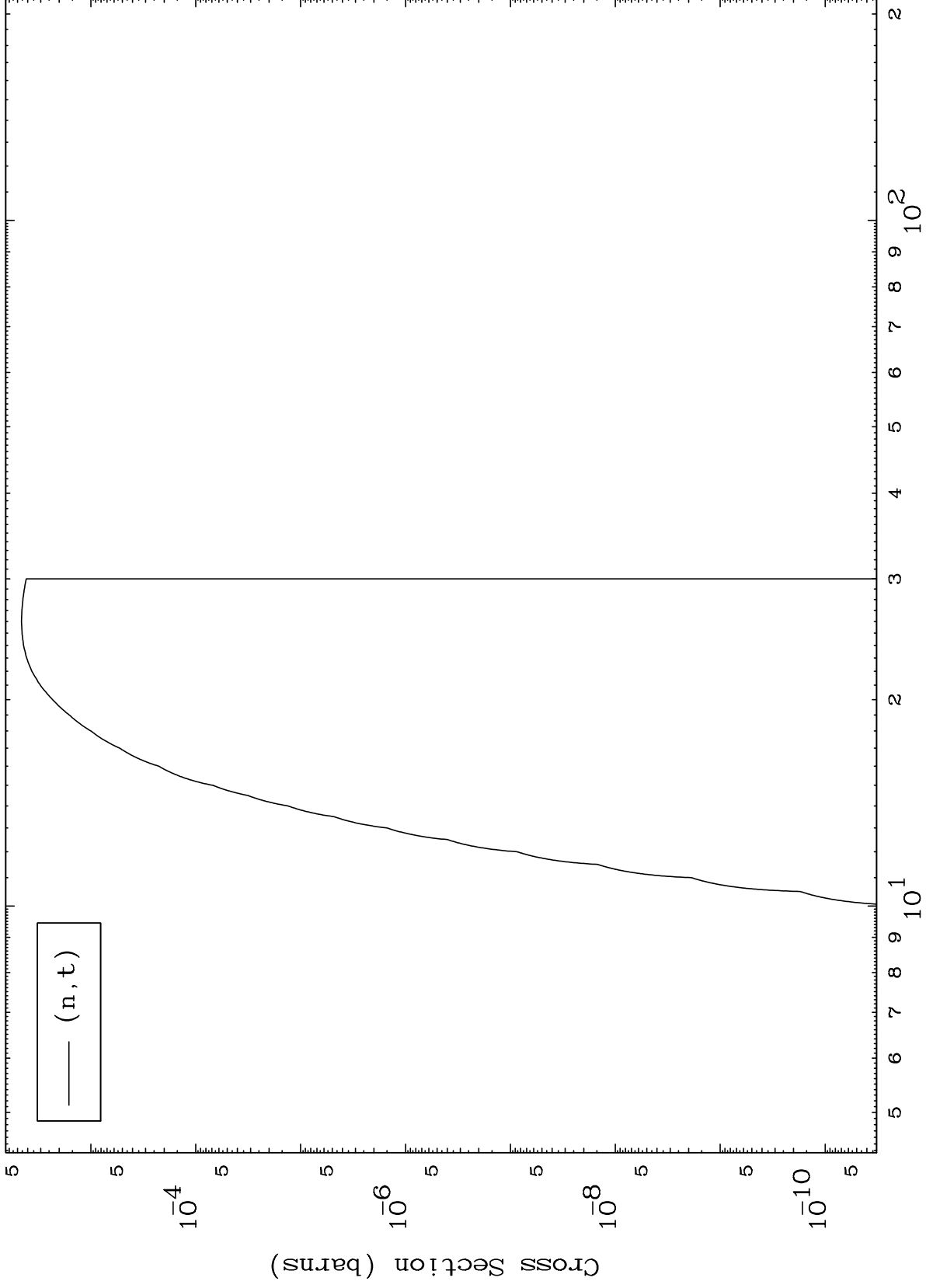
Incident Energy (MeV)

72-Hf-179

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(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

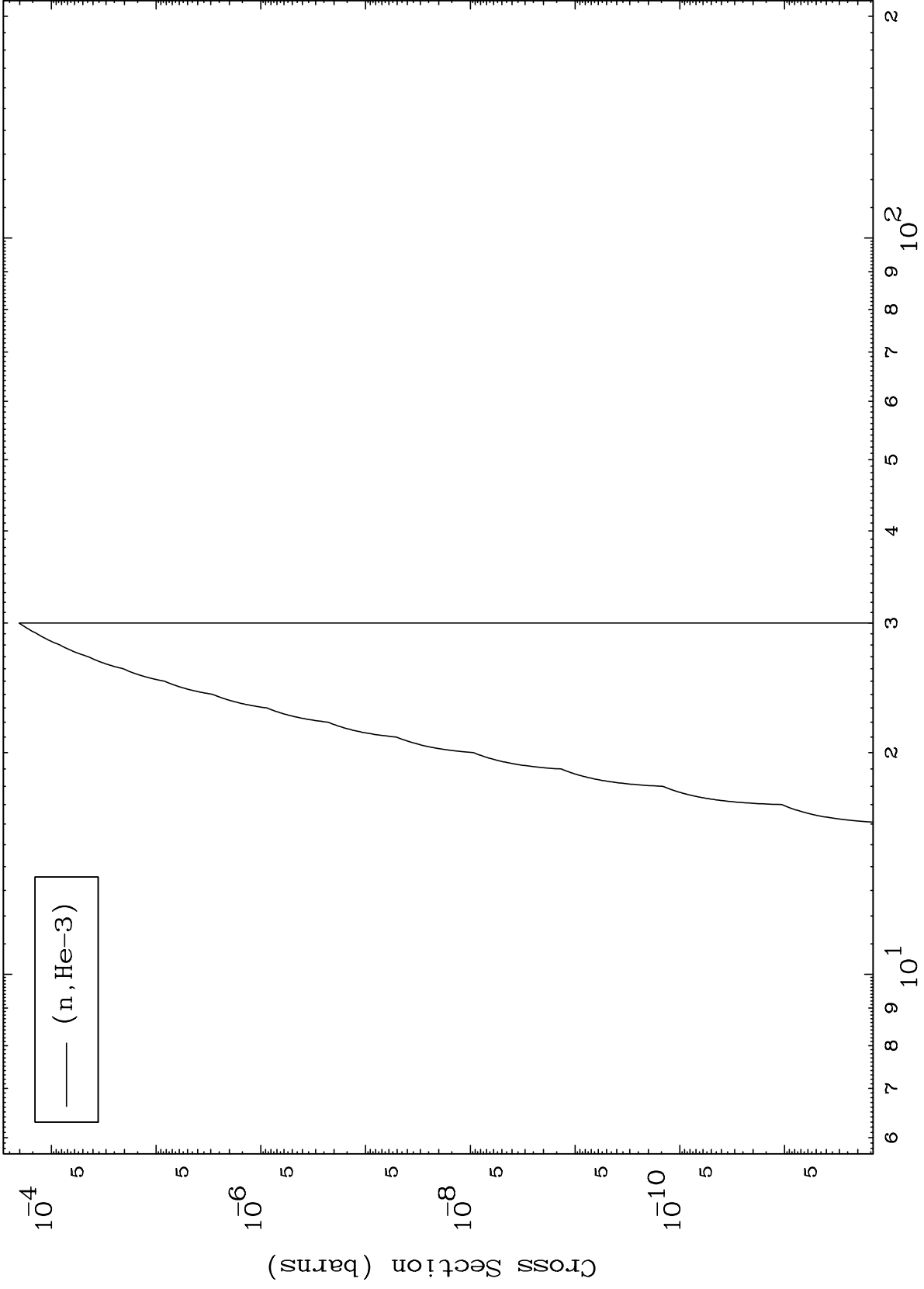
Incident Energy (MeV)

72-Hf-179

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(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-179



13

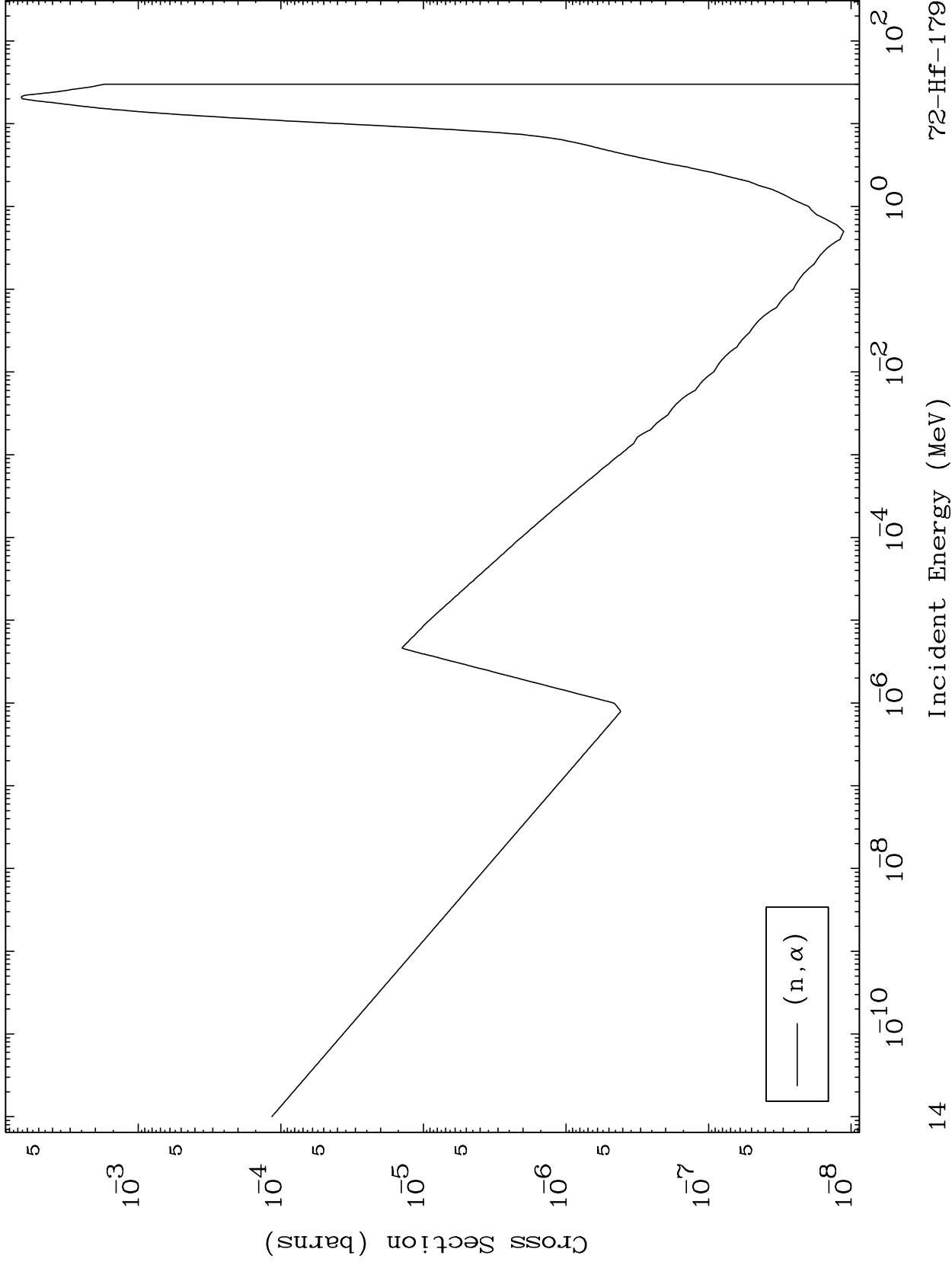
Incident Energy (MeV)

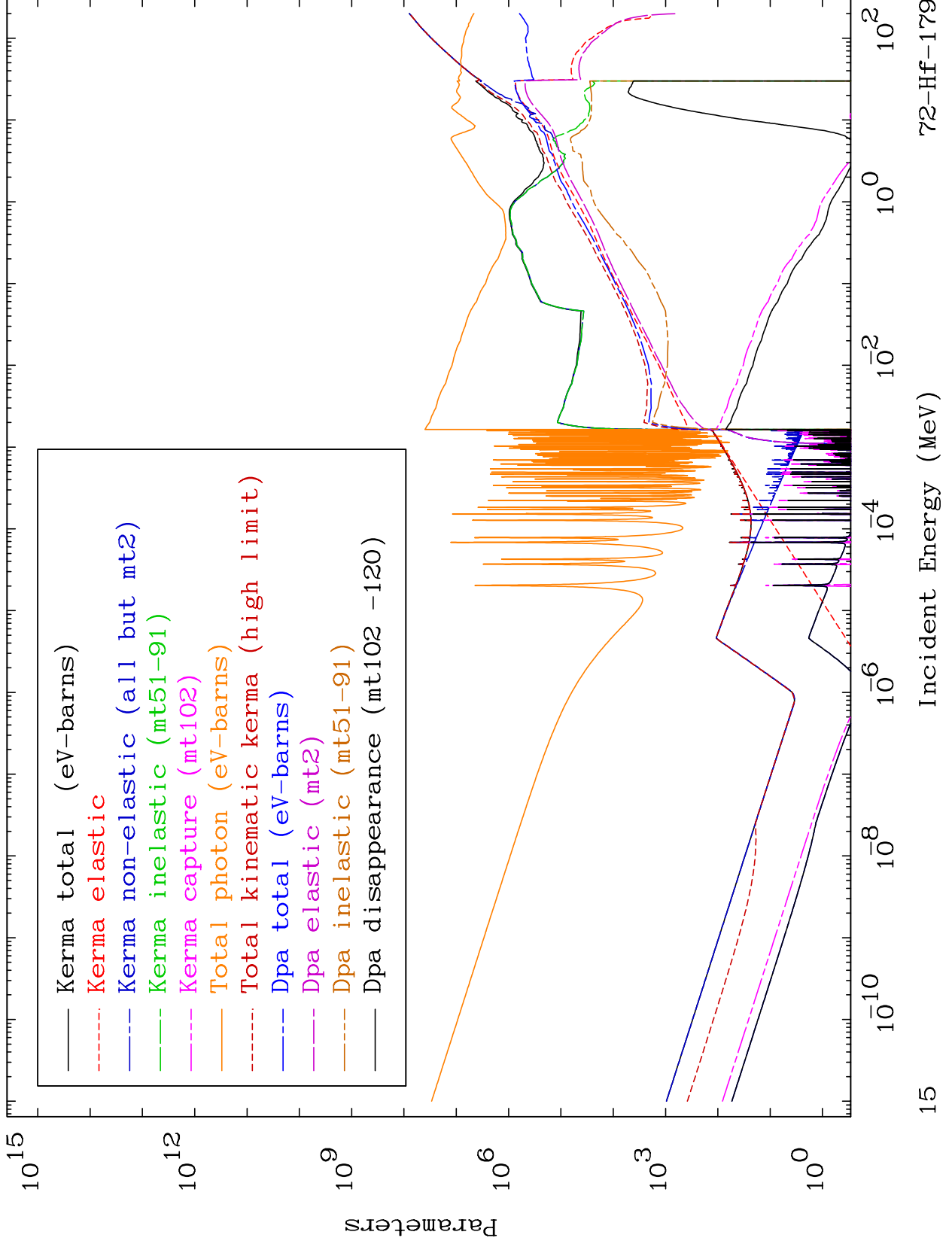
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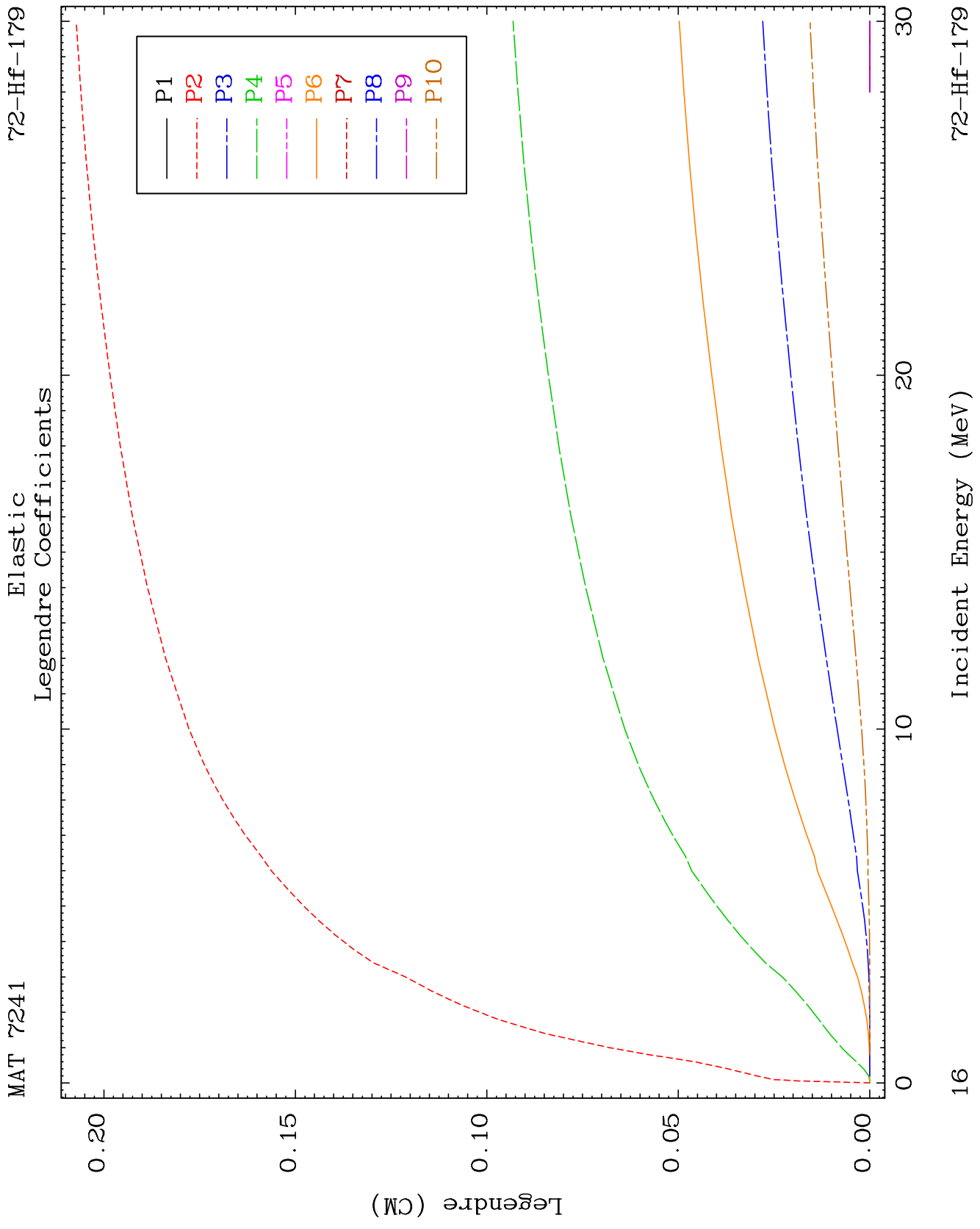
MAT 7241

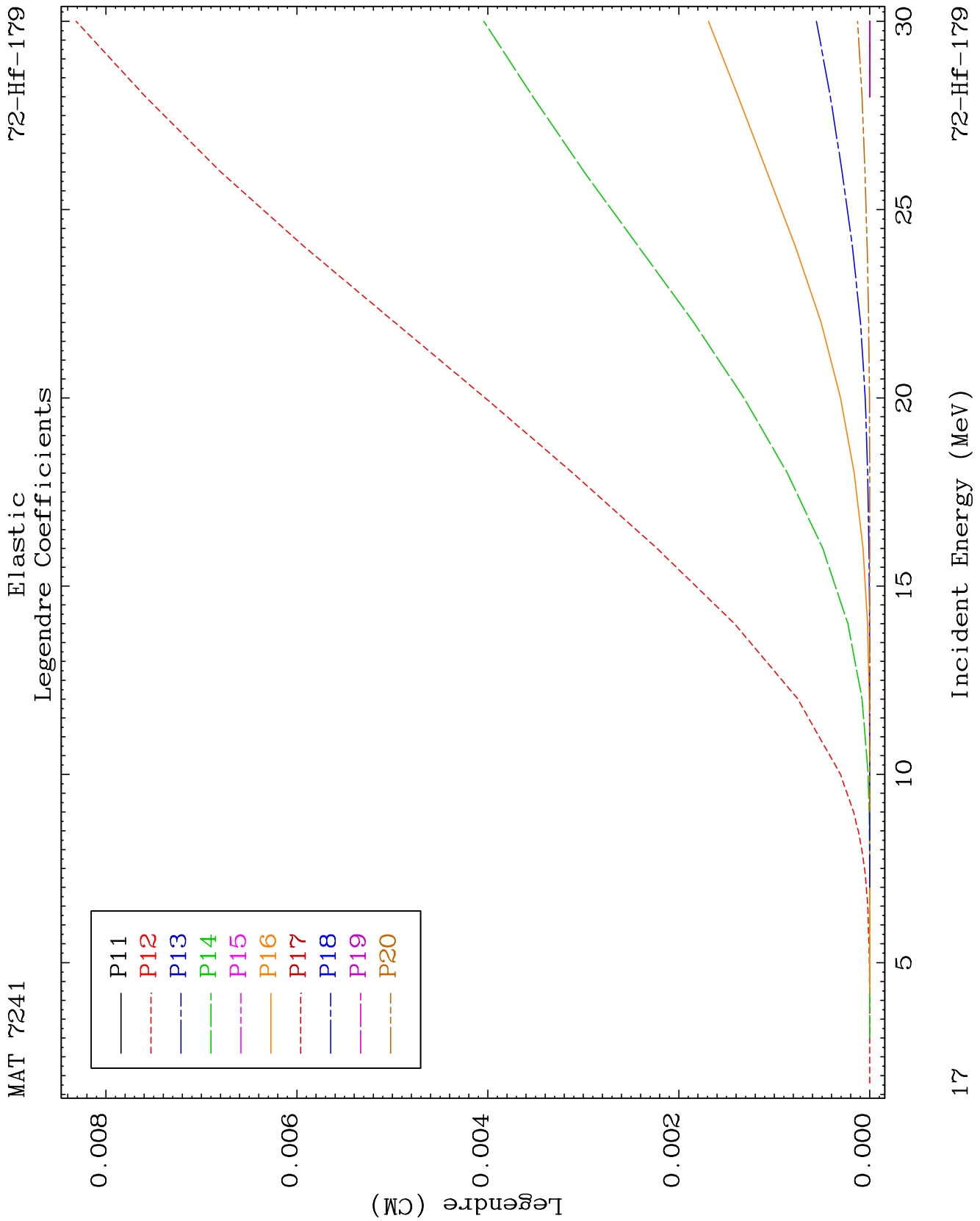
(n,α) Levels
293 Kelvin Cross Sections

72-Hf-179





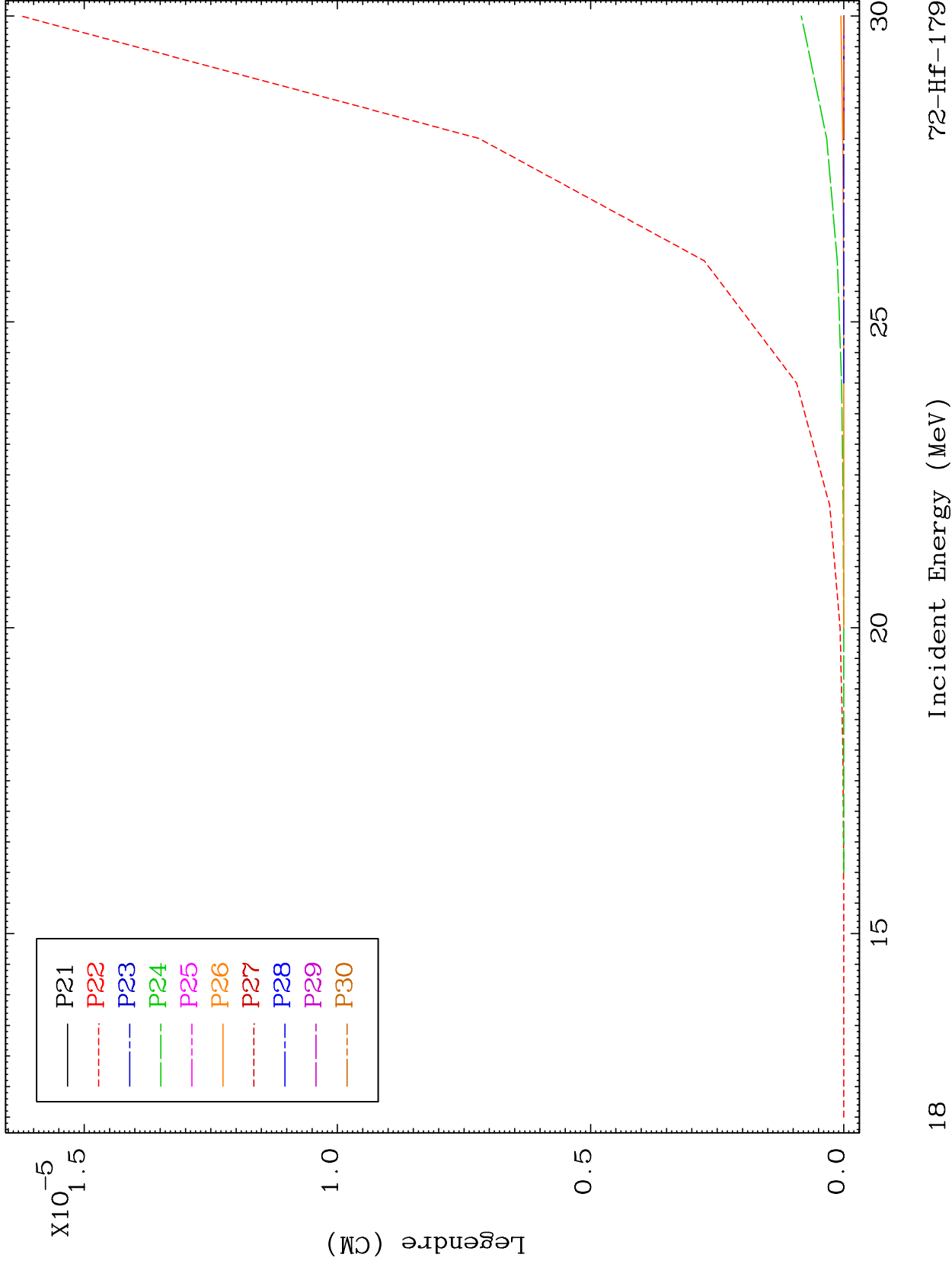




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Elastic
Legendre Coefficients

72-Hf-179



18

Incident Energy (MeV)

72-Hf-179

15

20

25

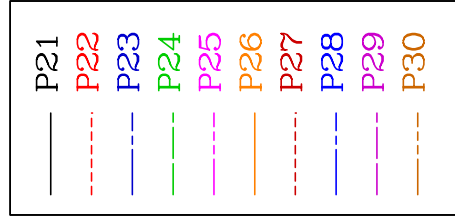
30

$\times 10^{-5}$
1.5

1.0

0.5

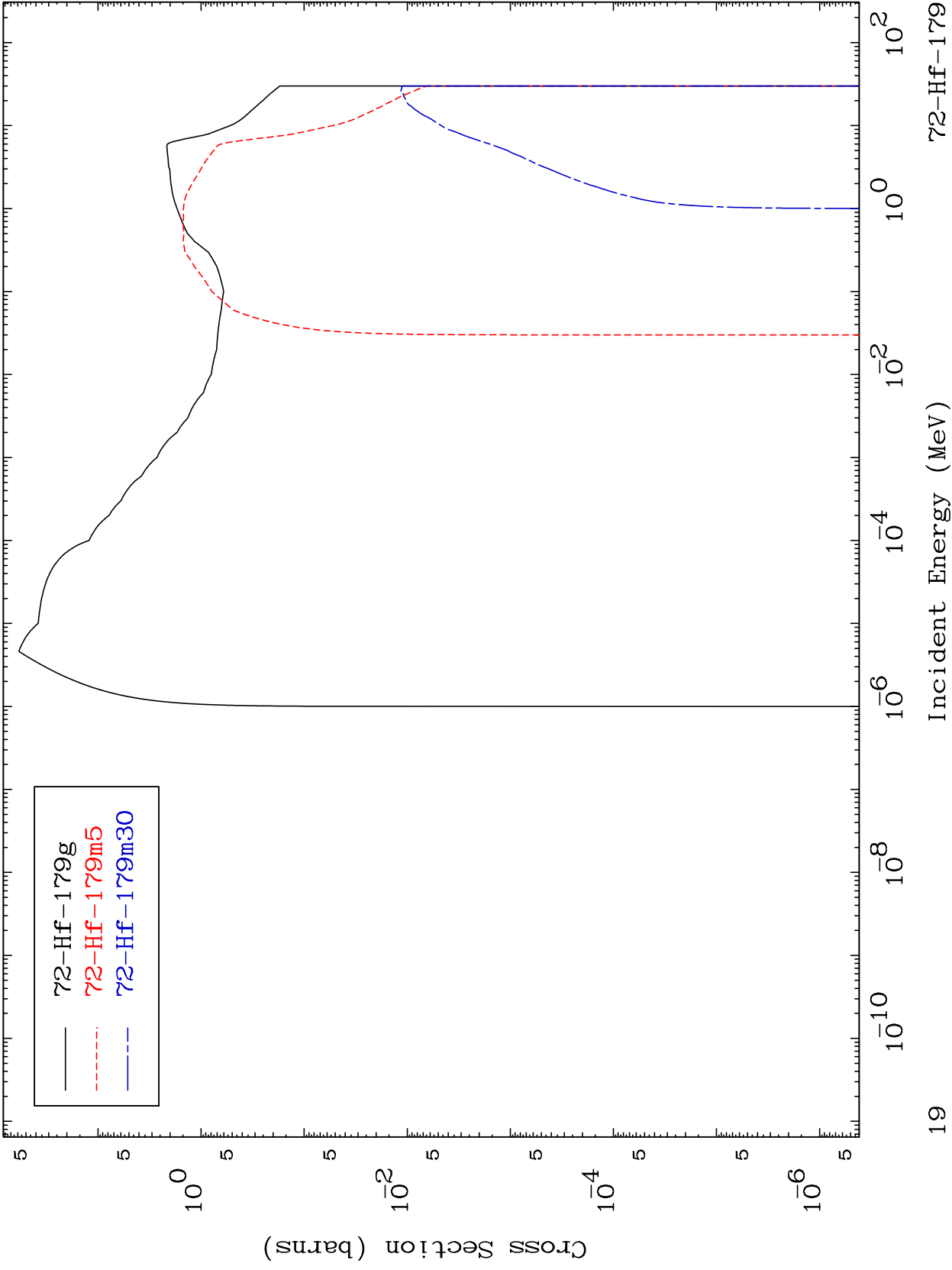
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Radionuclide Production Cross Section

72-Hf-179

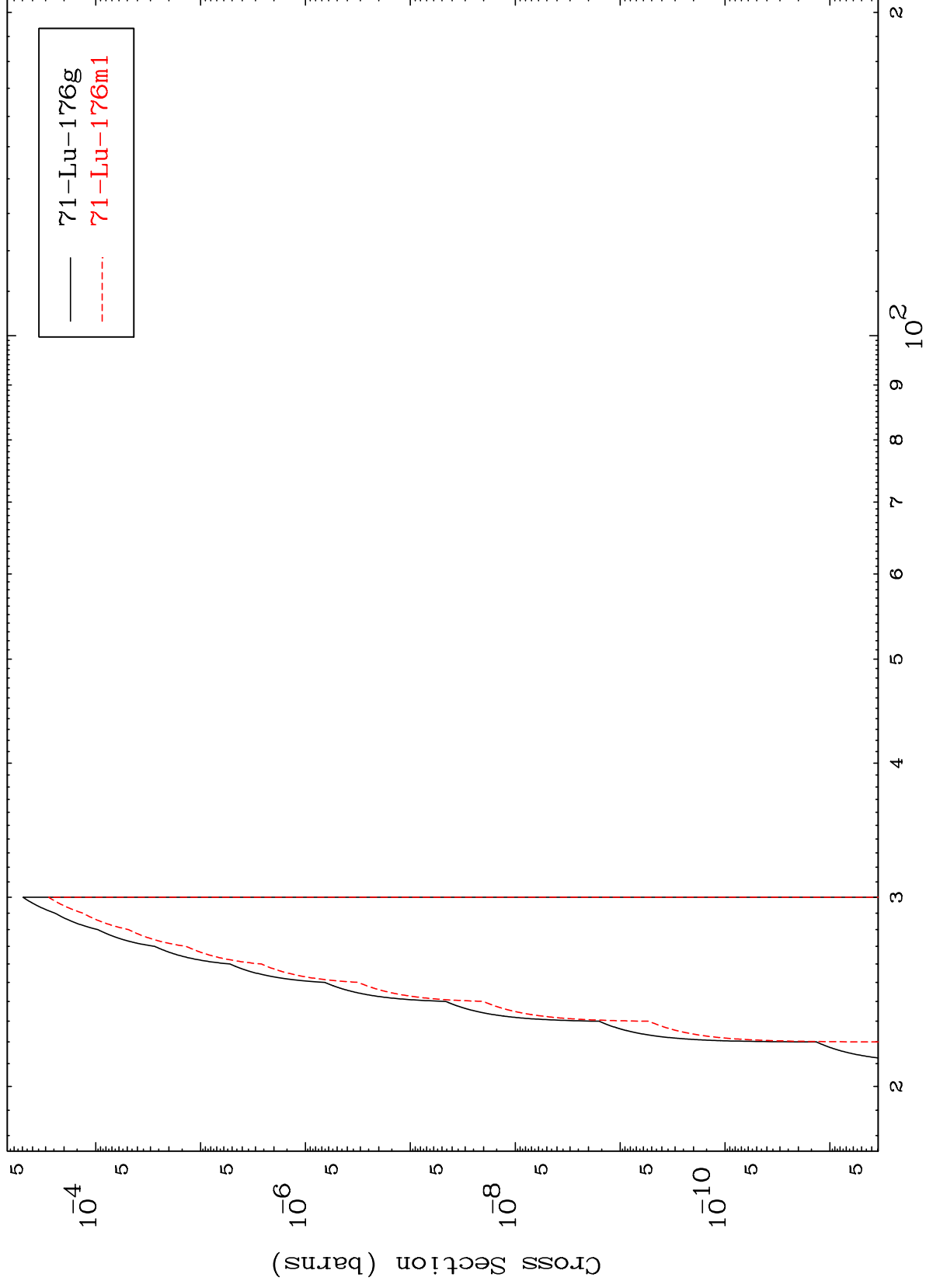


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(n,2n) d

72-Hf-179

Radionuclide Production Cross Section

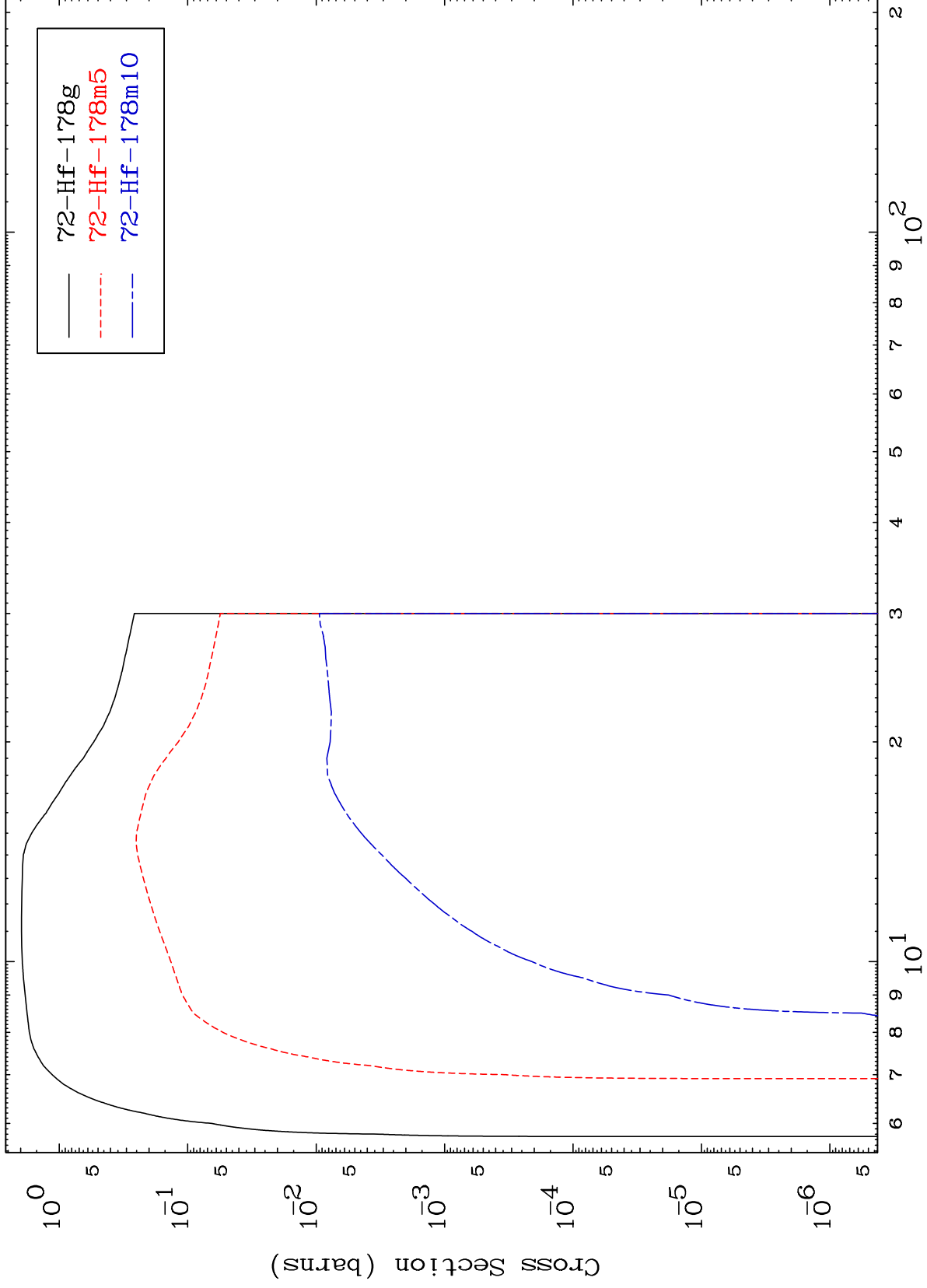


20

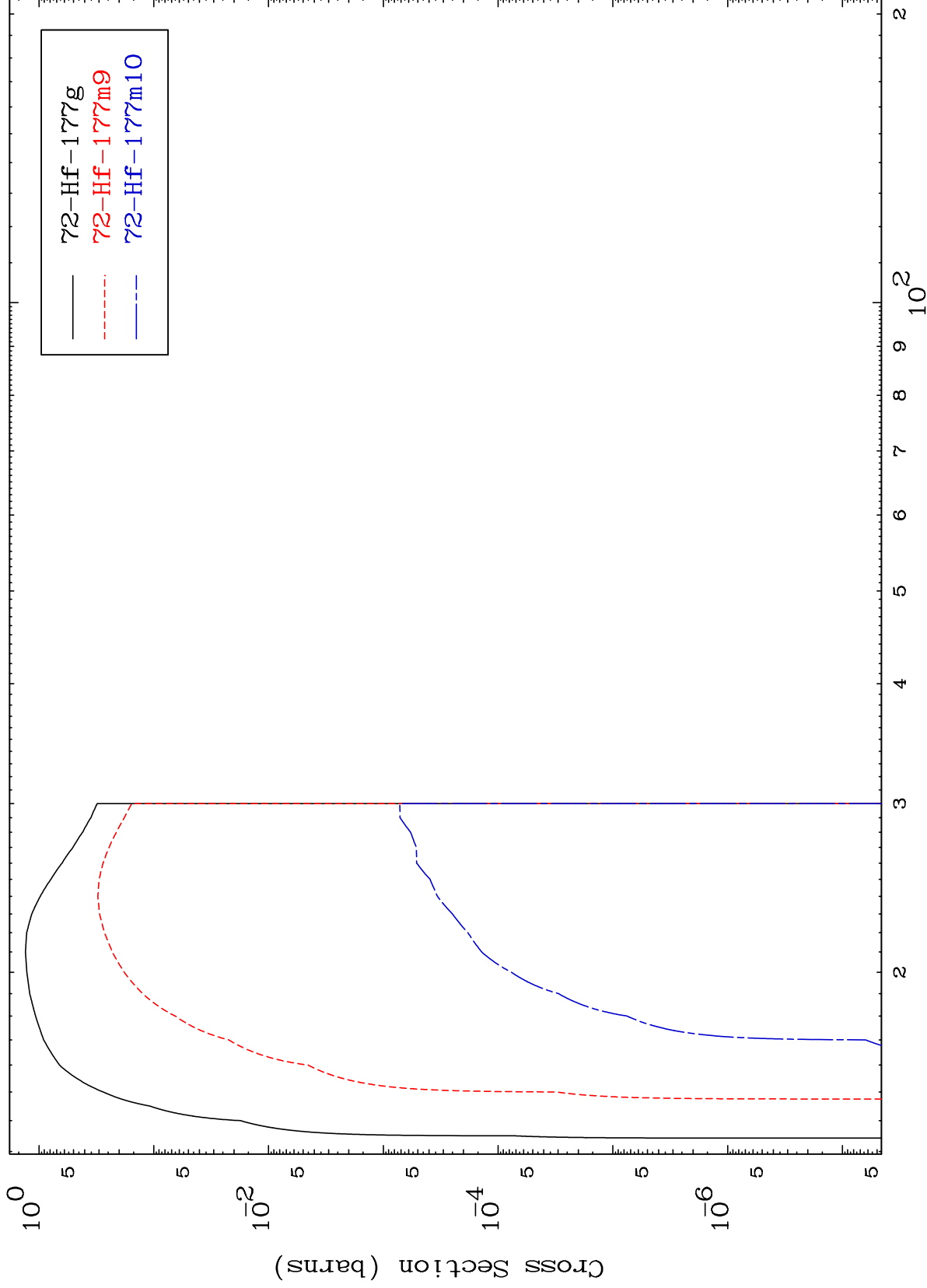
Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

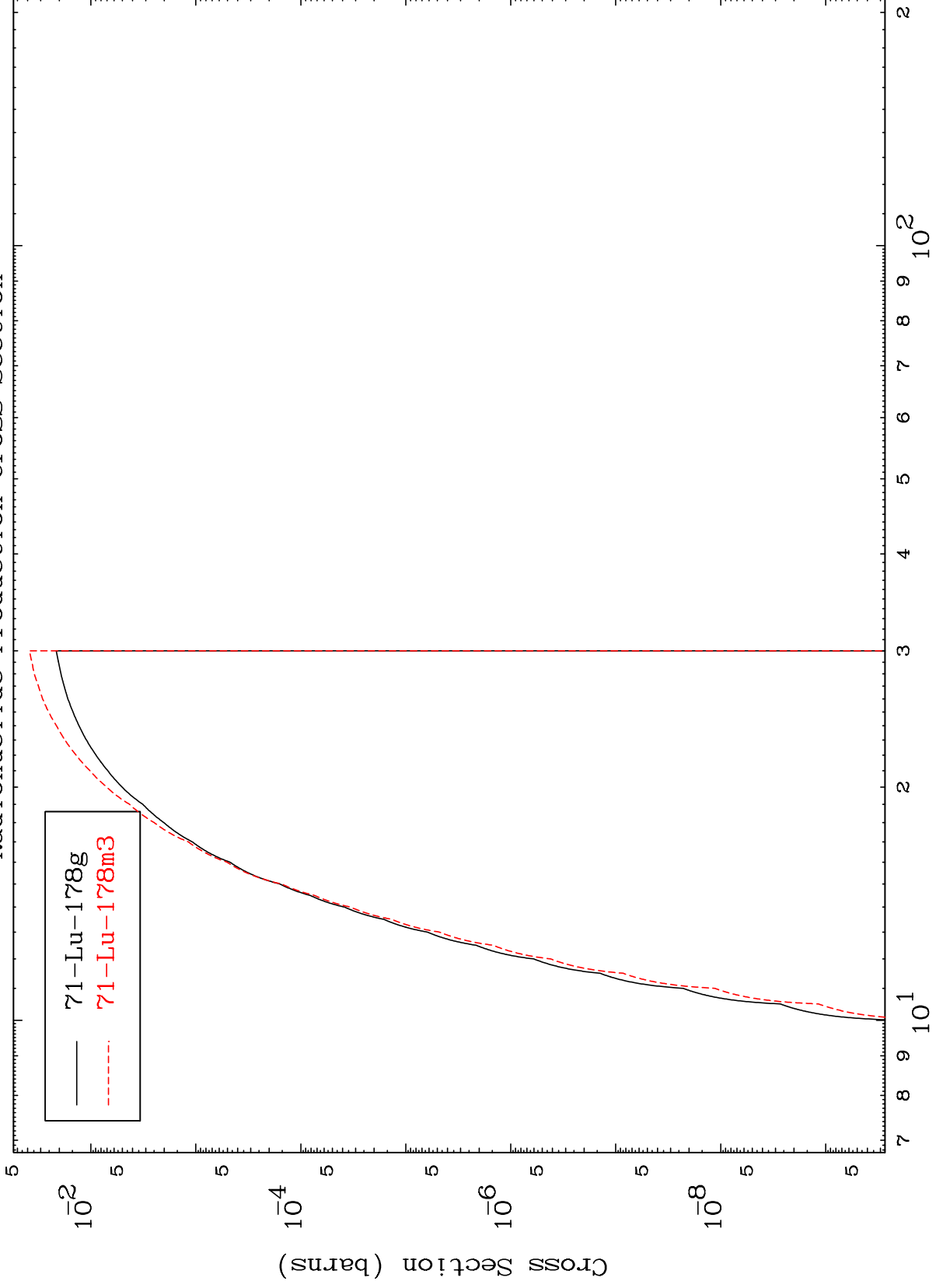


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(n,n') p

72-Hf-179

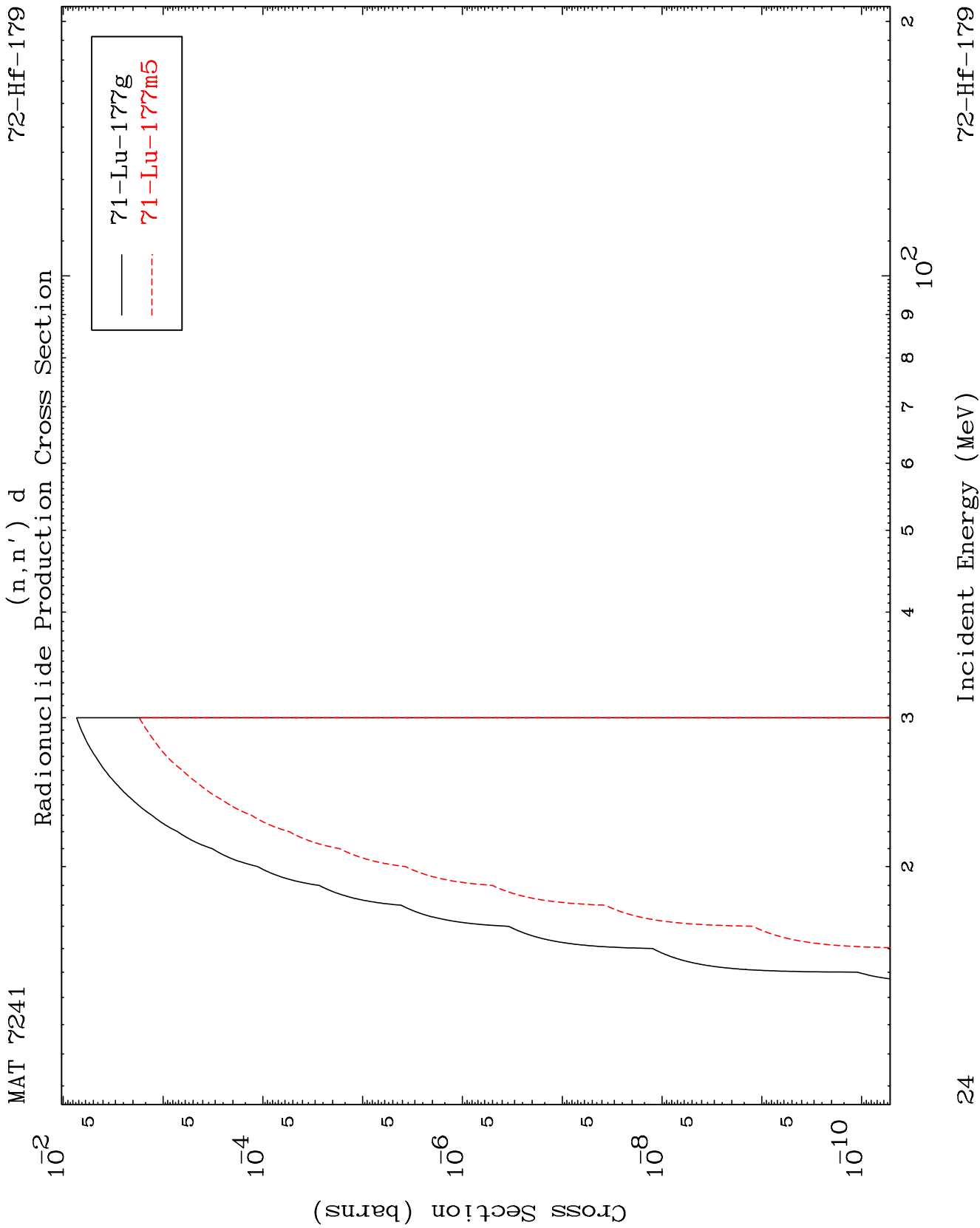
Radionuclide Production Cross Section



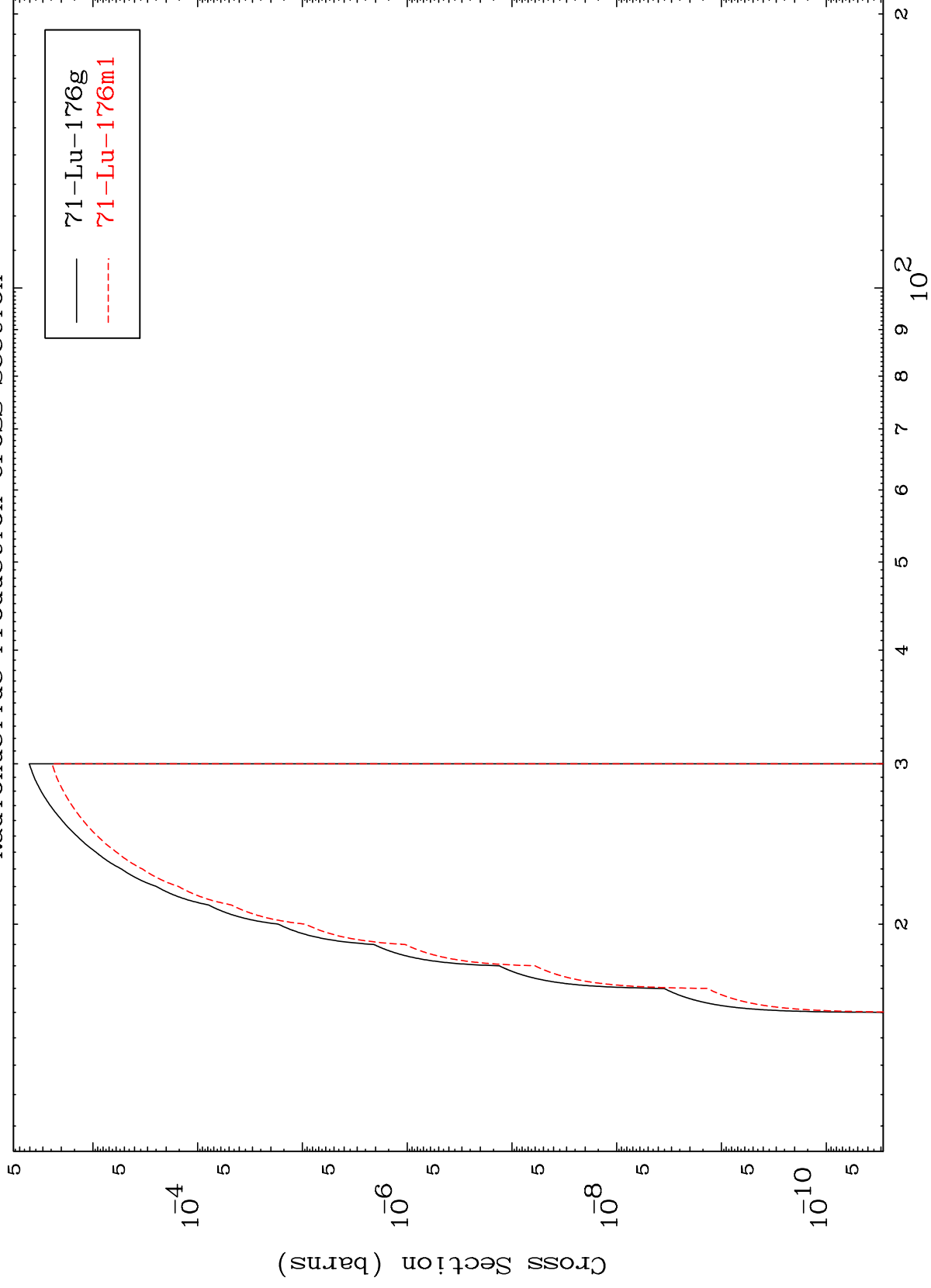
23

Incident Energy (MeV)

72-Hf-179



Radionuclide Production Cross Section

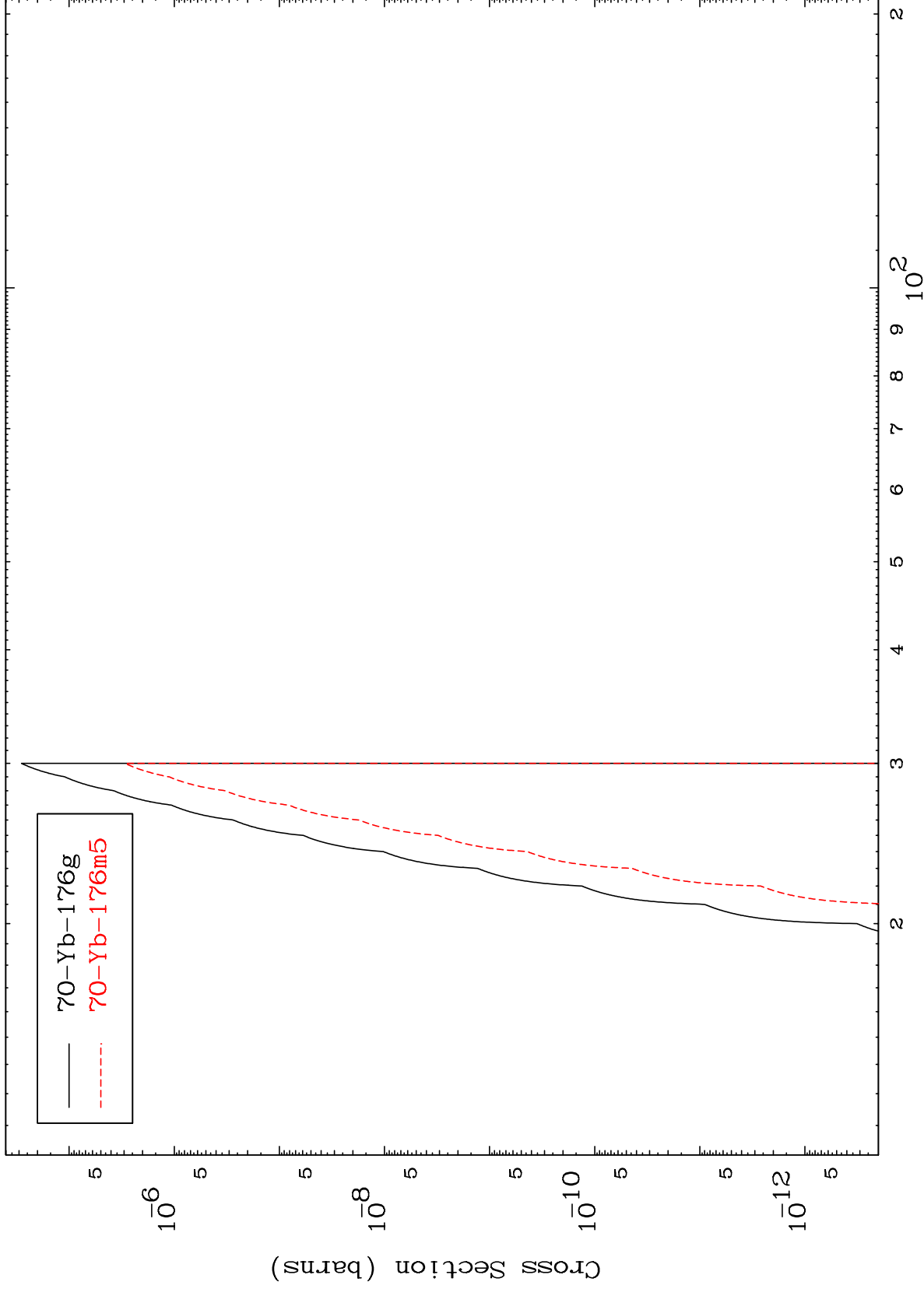


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(n,n') He-3

72-Hf-179

Radionuclide Production Cross Section

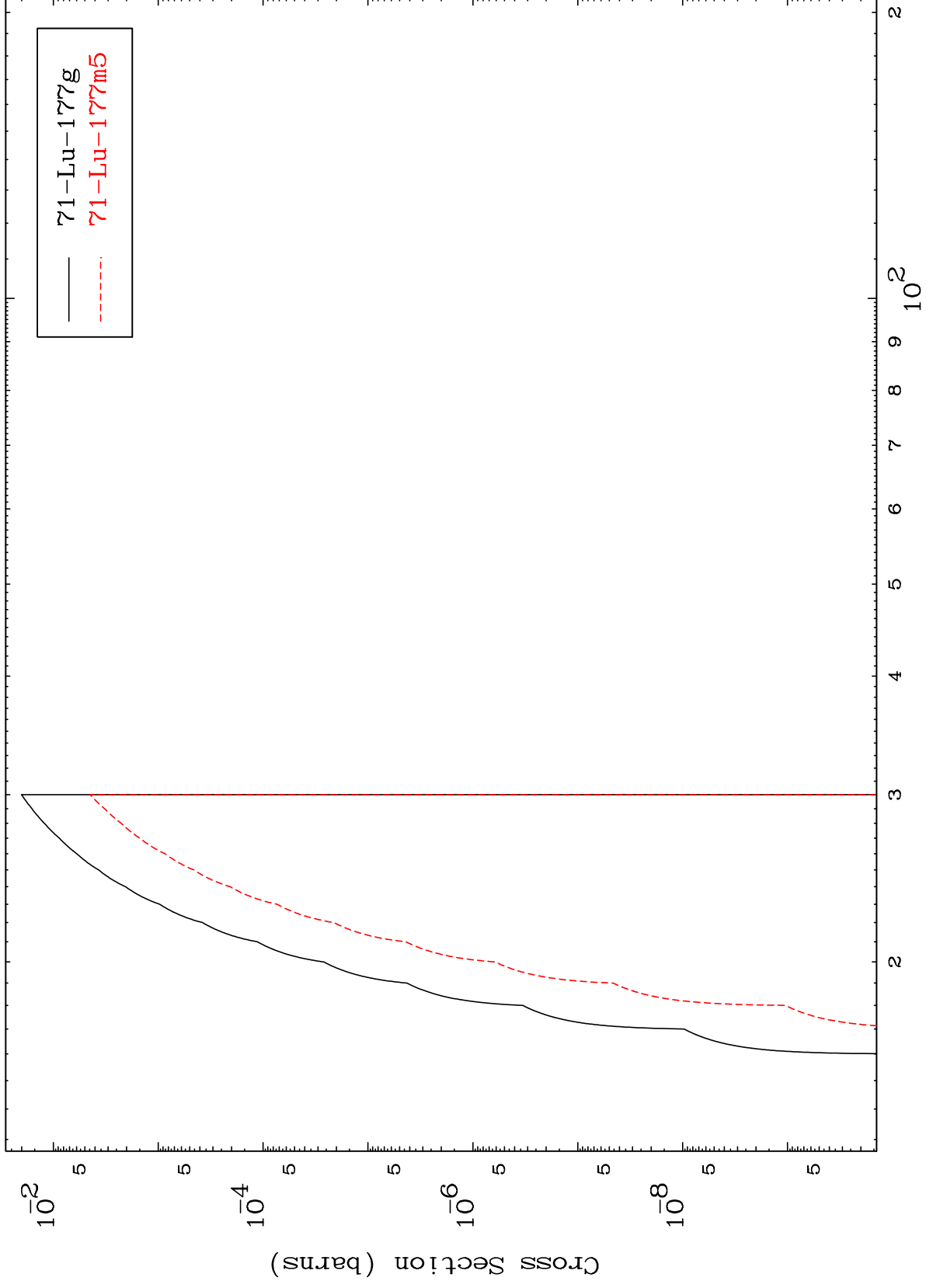


Incident Energy (MeV)

72-Hf-179

26

Radionuclide Production Cross Section

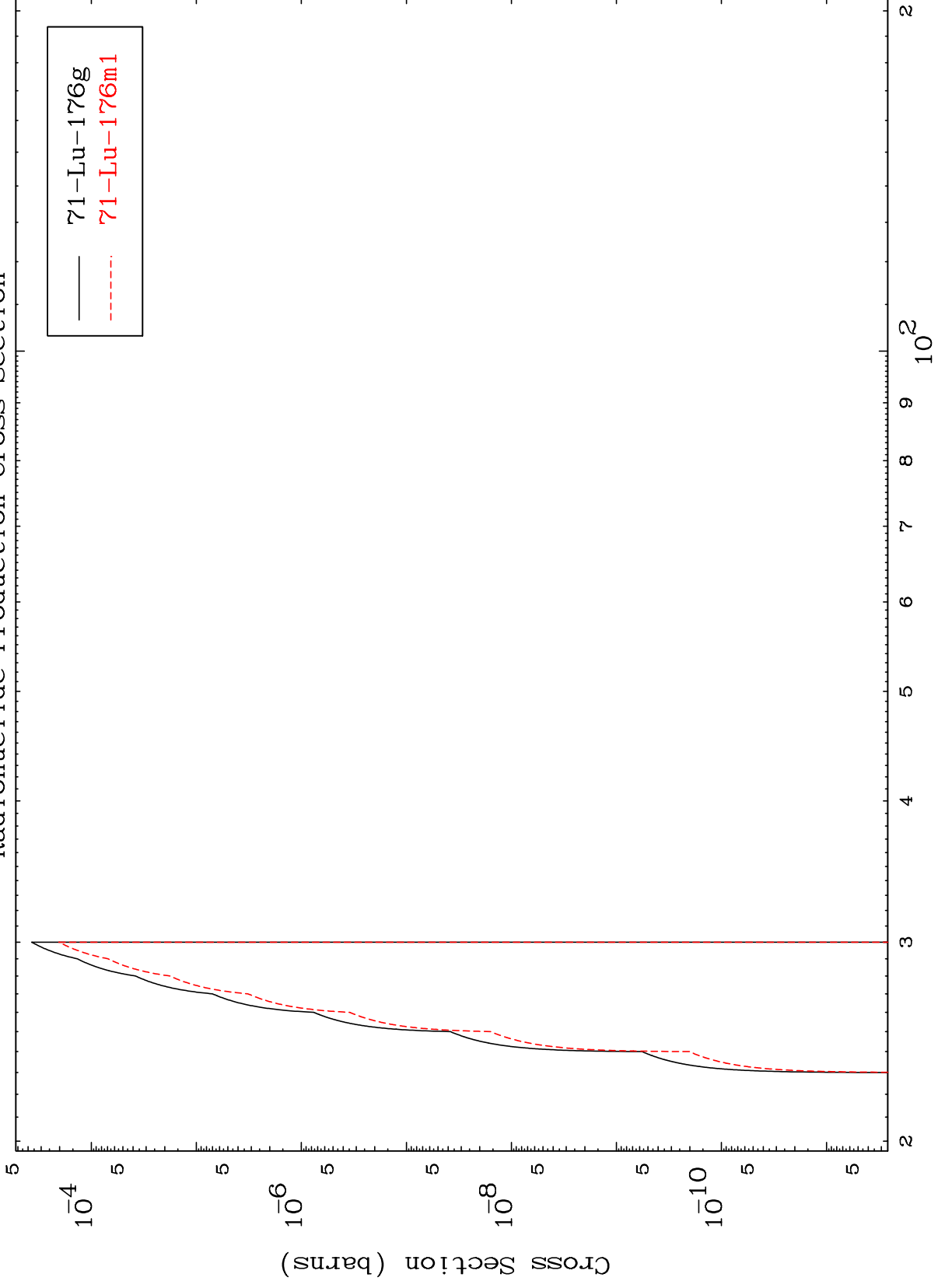


MAT 7241

(n,3n) p

72-Hf-179

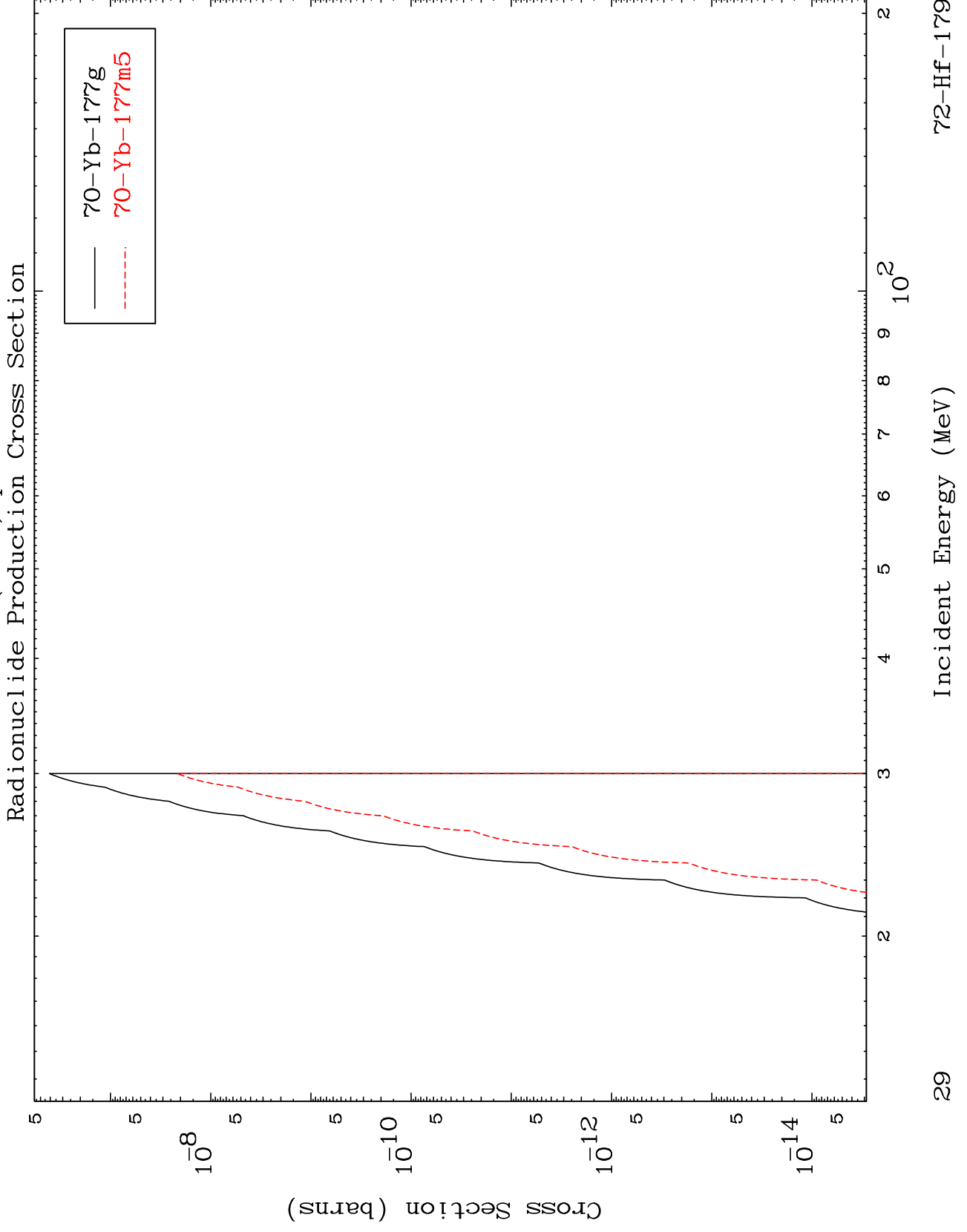
Radionuclide Production Cross Section



28

Incident Energy (MeV)

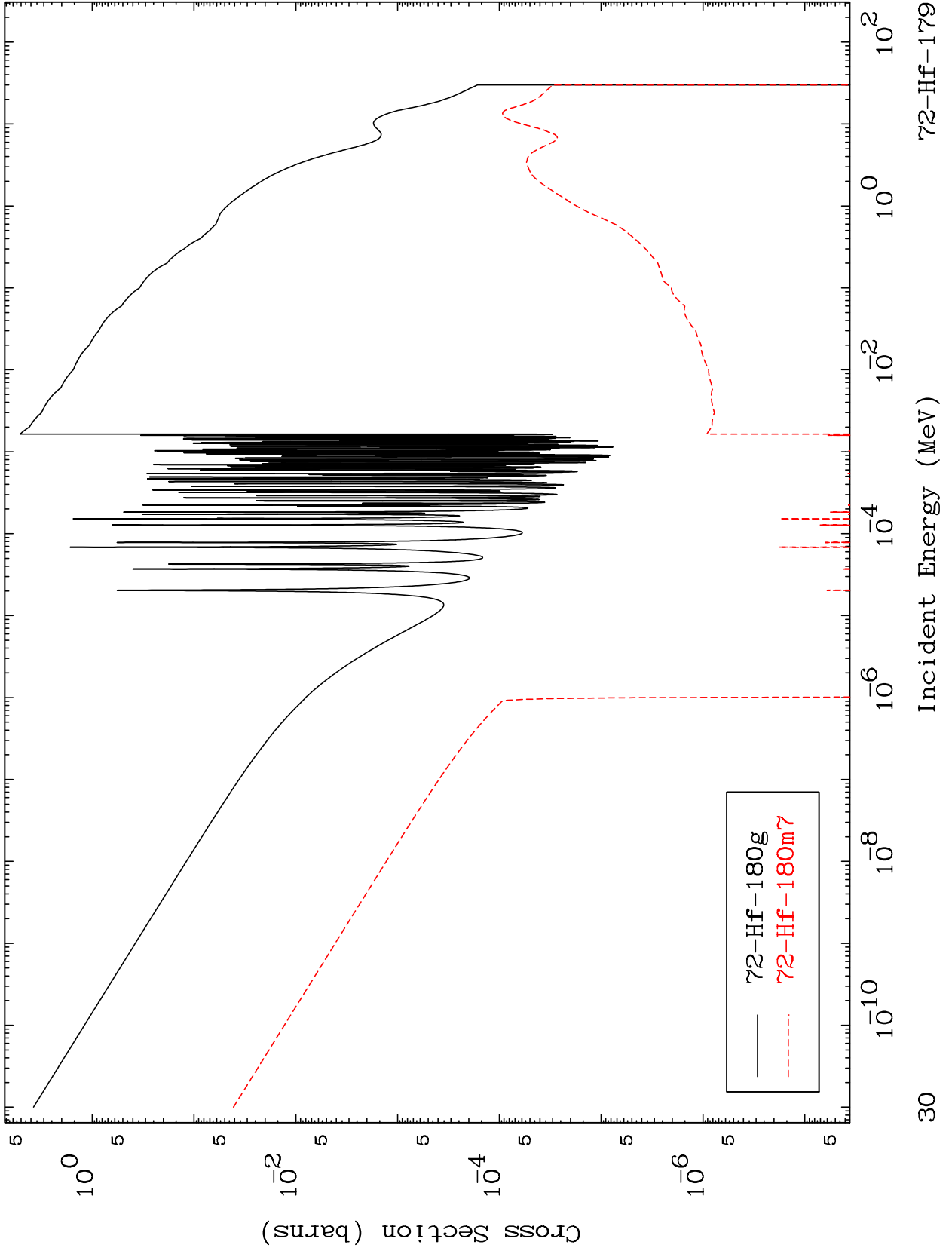
72-Hf-179

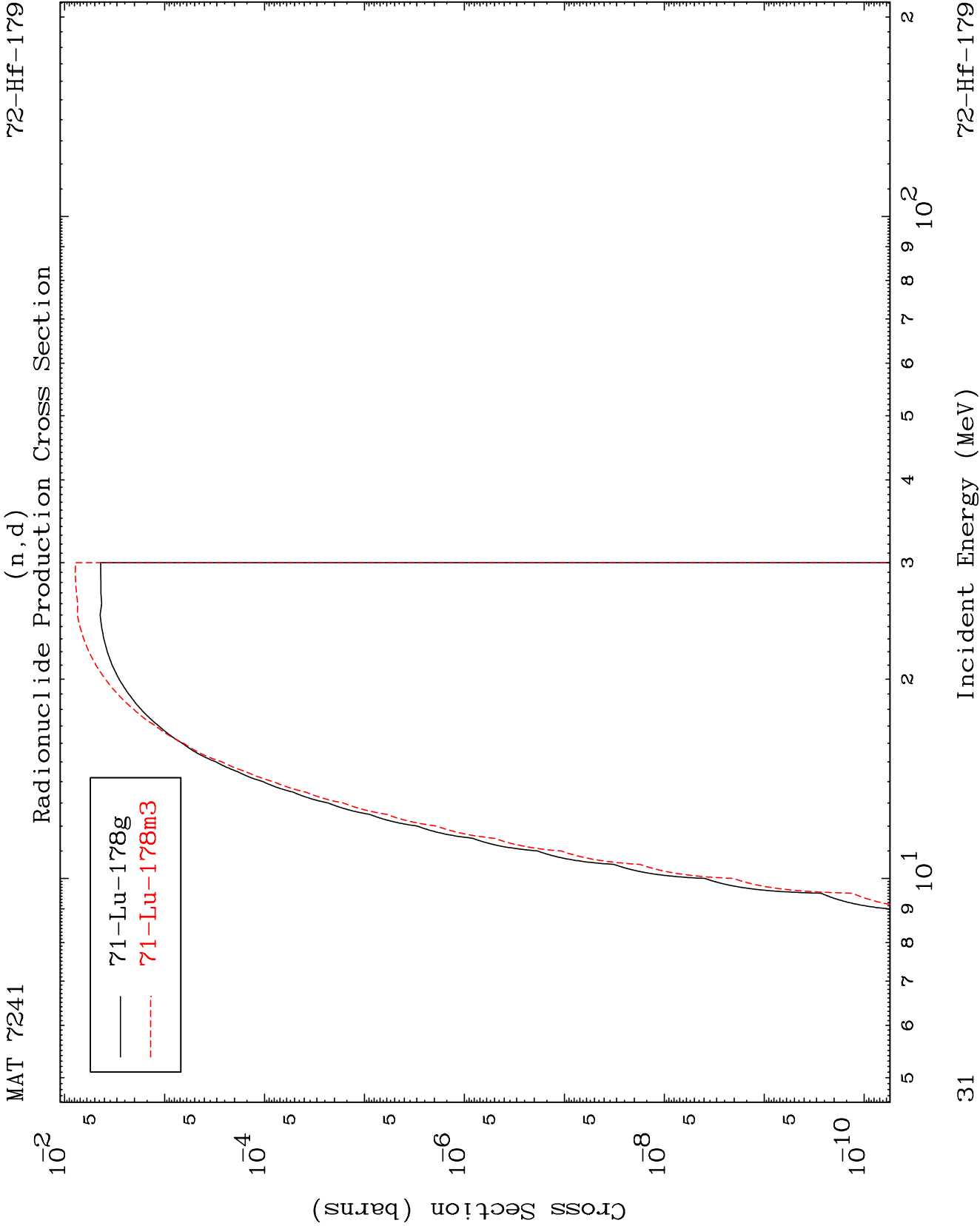


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72-Hf-179

(n,γ)
Radionuclide Production Cross Section

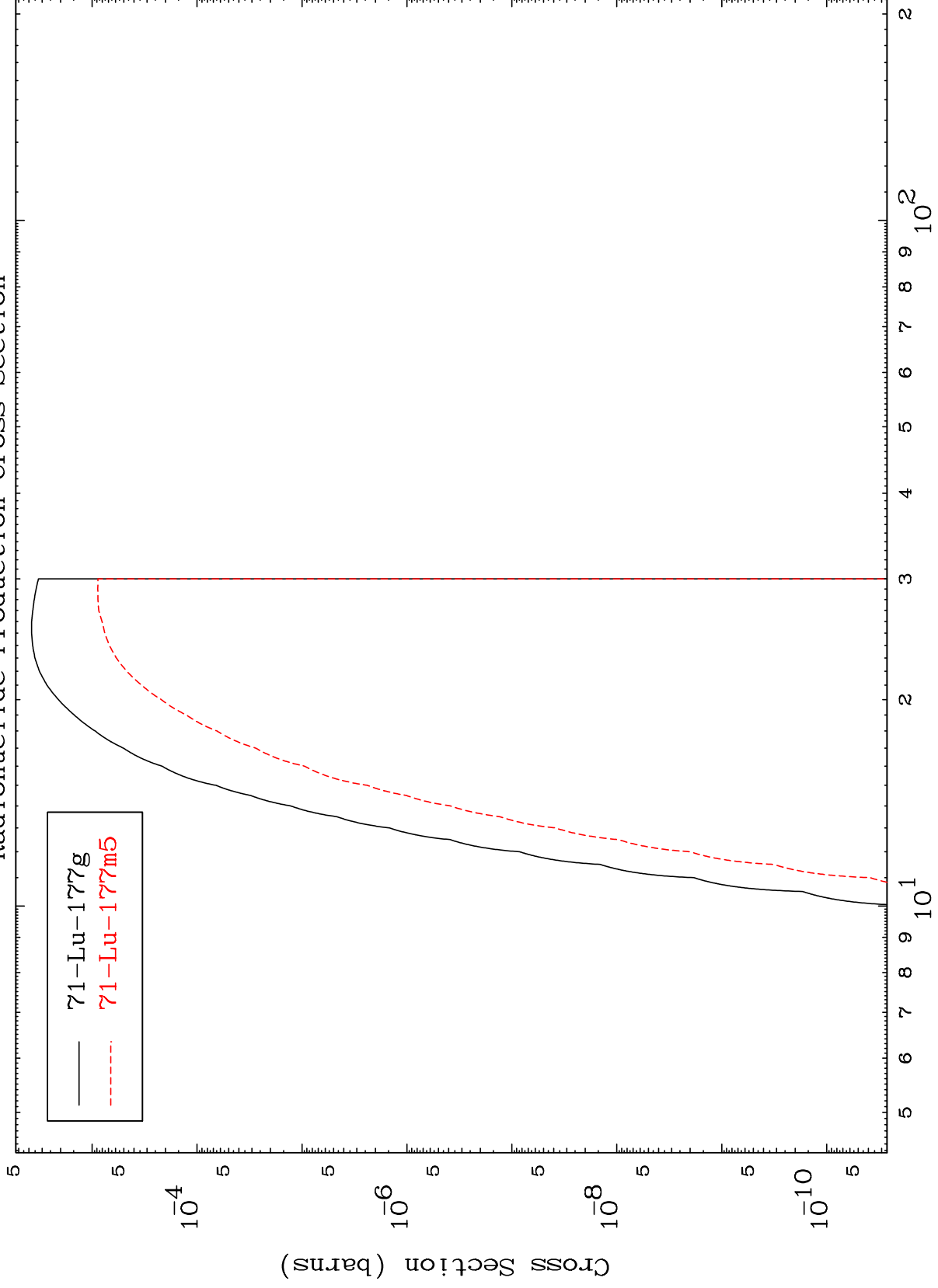




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72-Hf-179

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

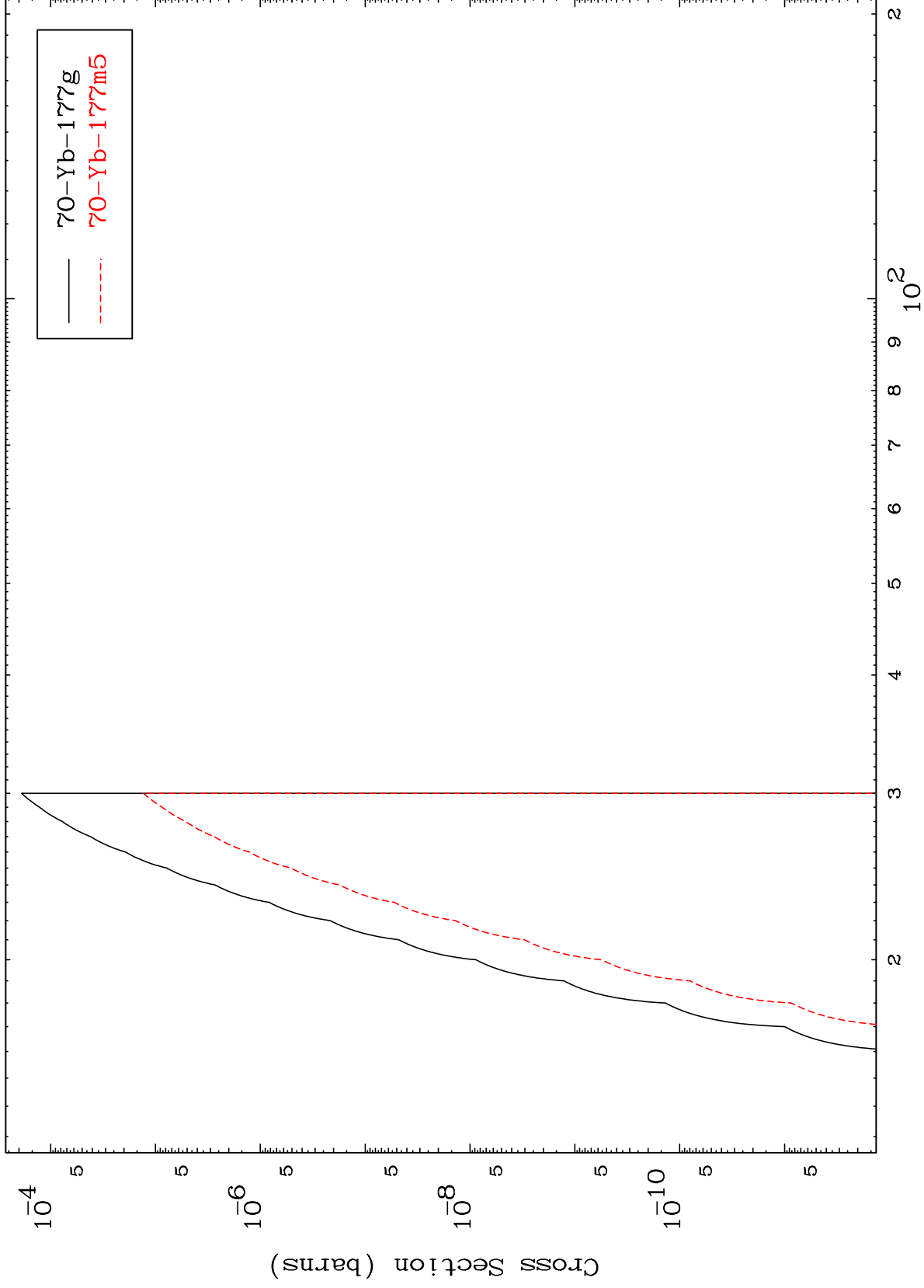
32

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(n,He-3)

72-Hf-179

Radionuclide Production Cross Section



33

Incident Energy (MeV)

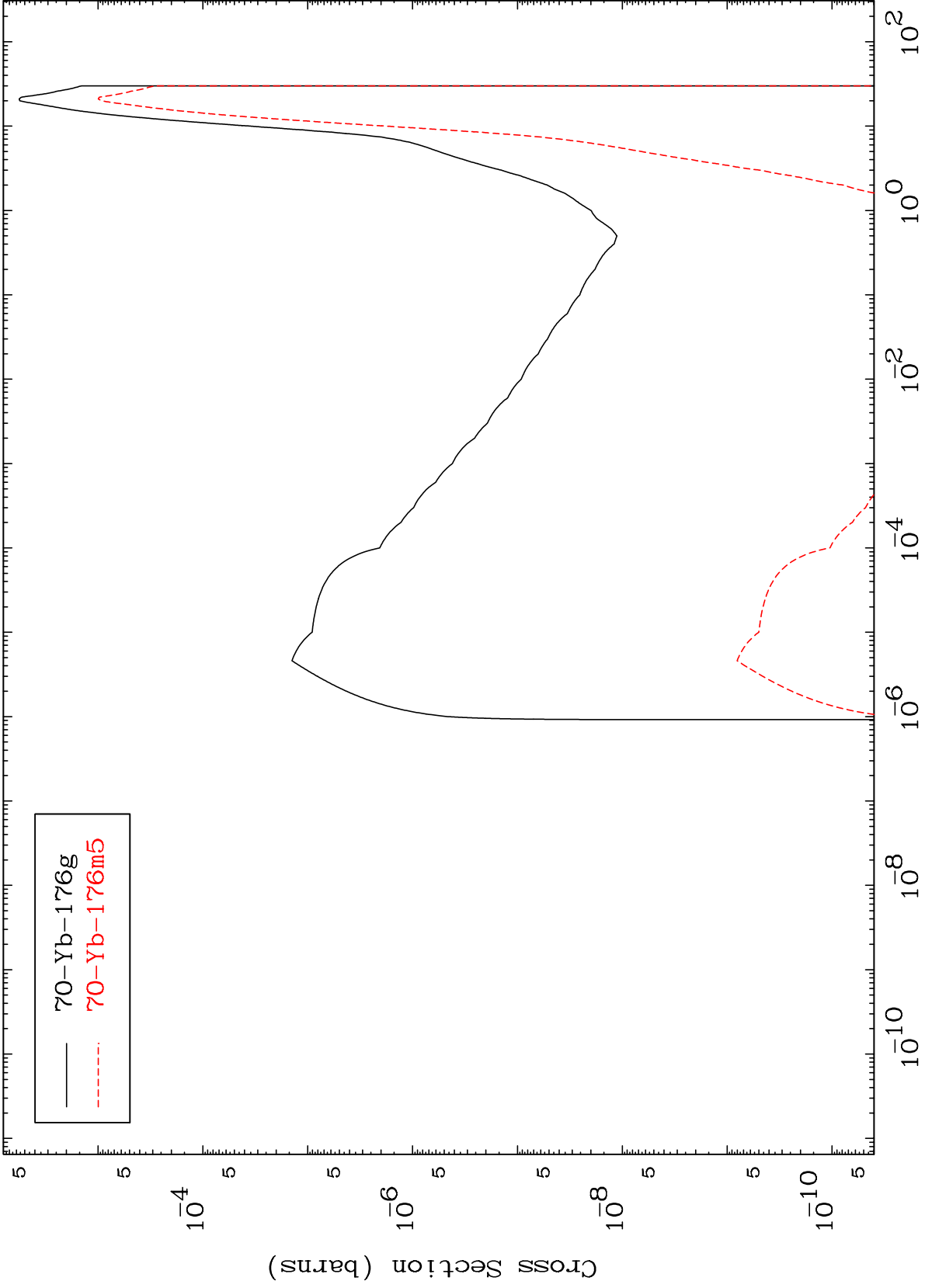
72-Hf-179

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(n, α)

⁷²Hf-179

Radionuclide Production Cross Section



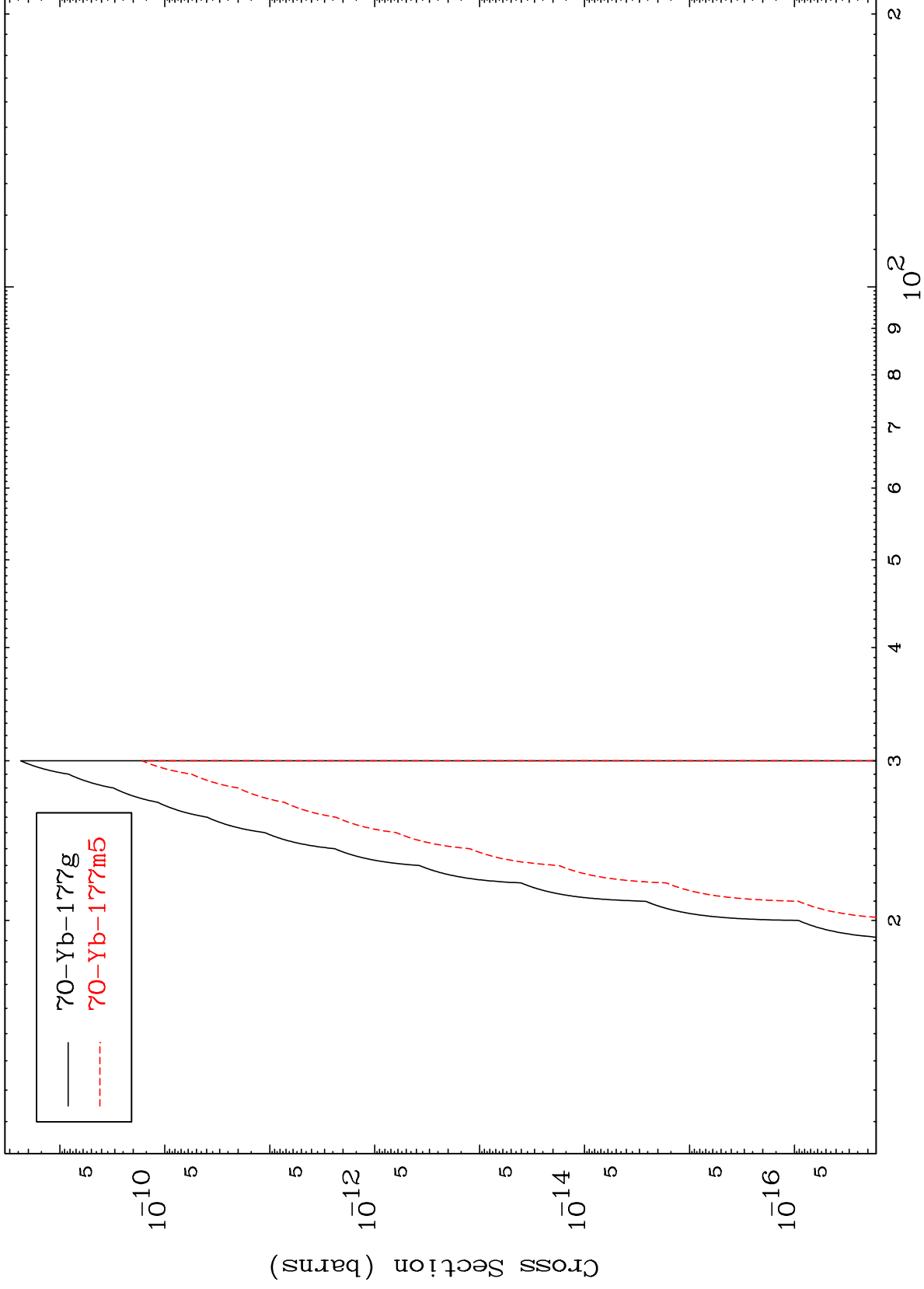
— $^{70}\text{Yb-176g}$
- - - $^{70}\text{Yb-176m5}$

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(n,p) d

72-Hf-179

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-179

35