

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

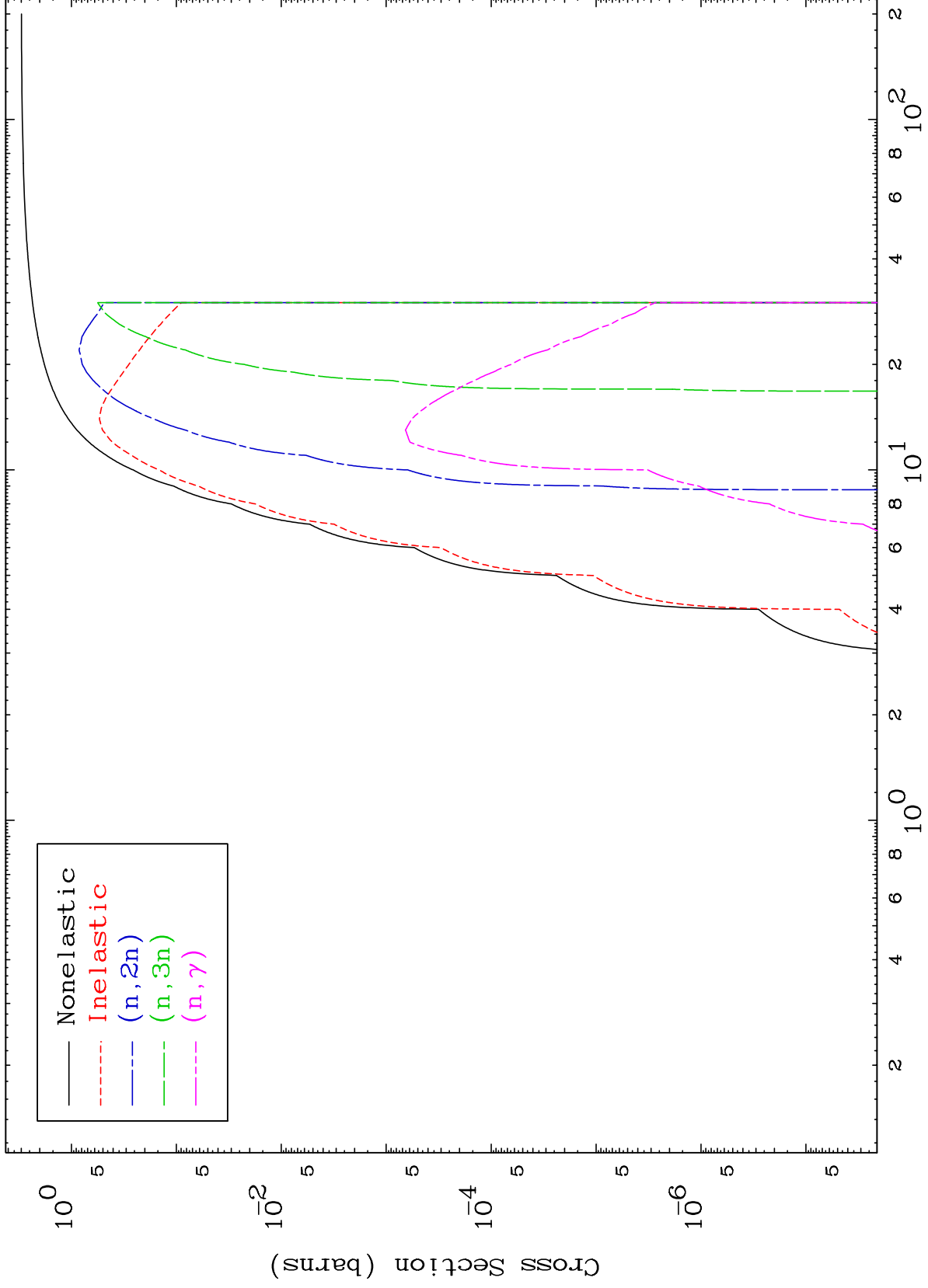
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Web:redcullen1.net/HOMEPAGE.NEW

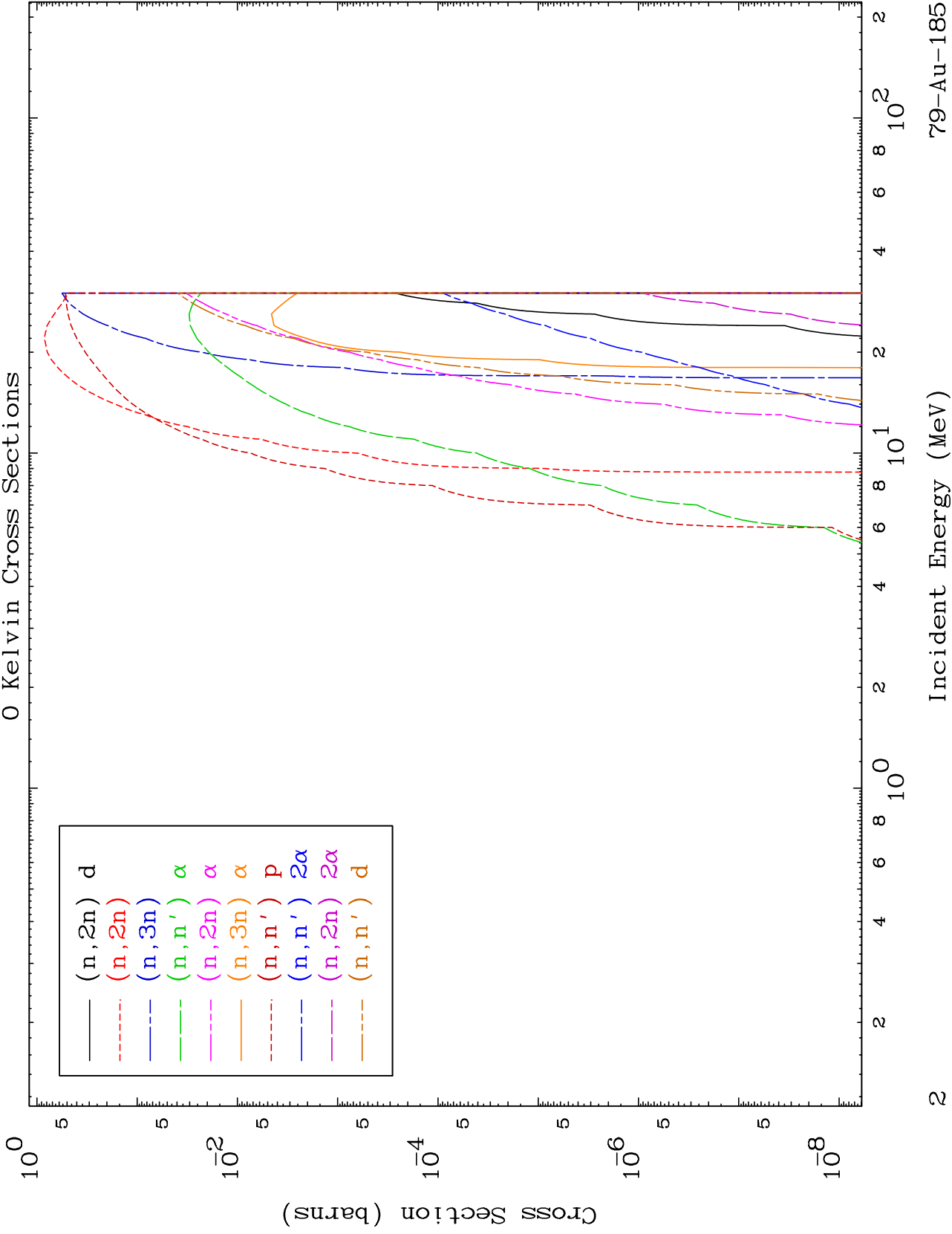
Press Mouse Button to Start

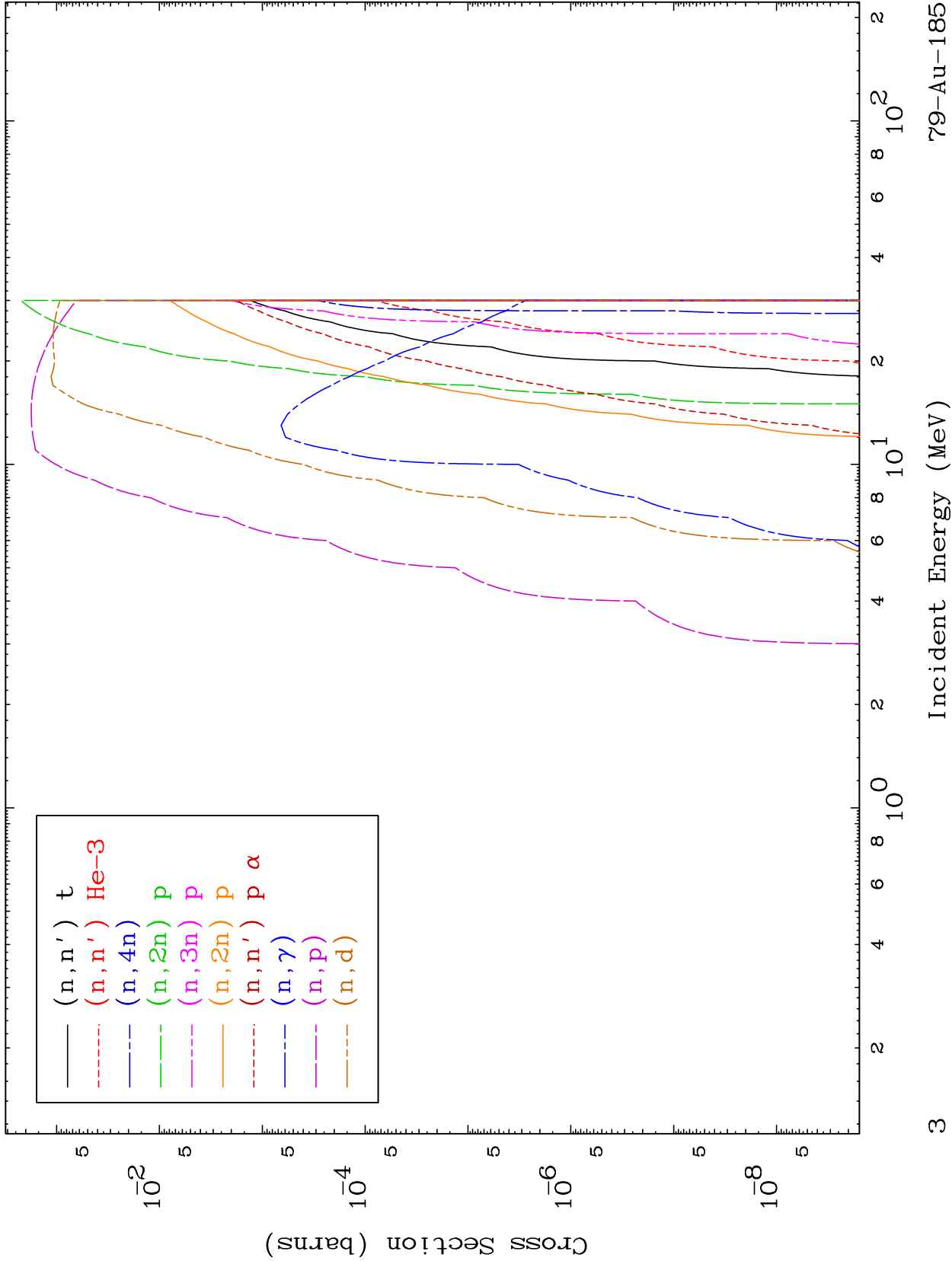


MAT 7889

Deuteron Neutron Absorption
0 Kelvin Cross Sections

79-Au-185

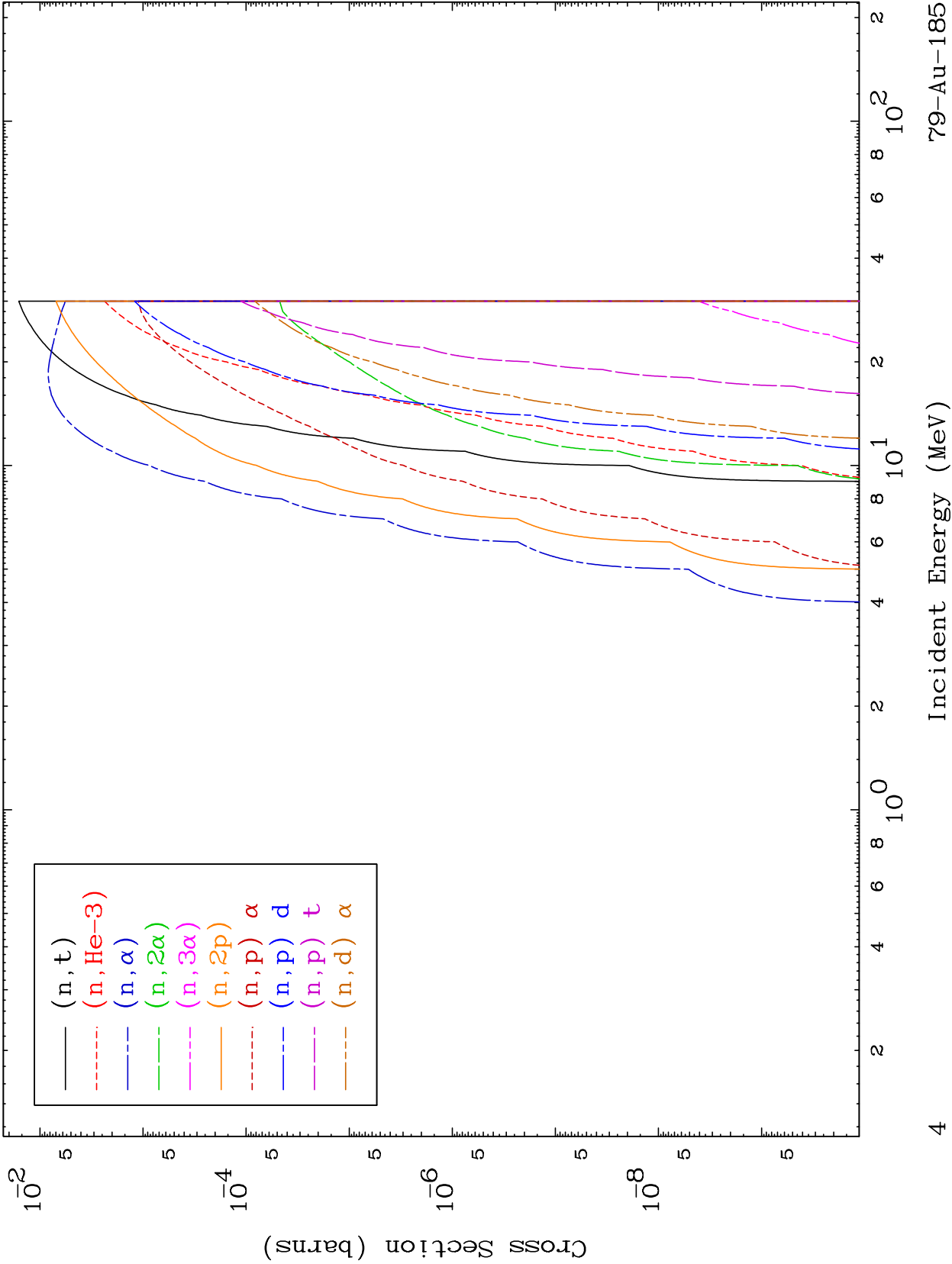




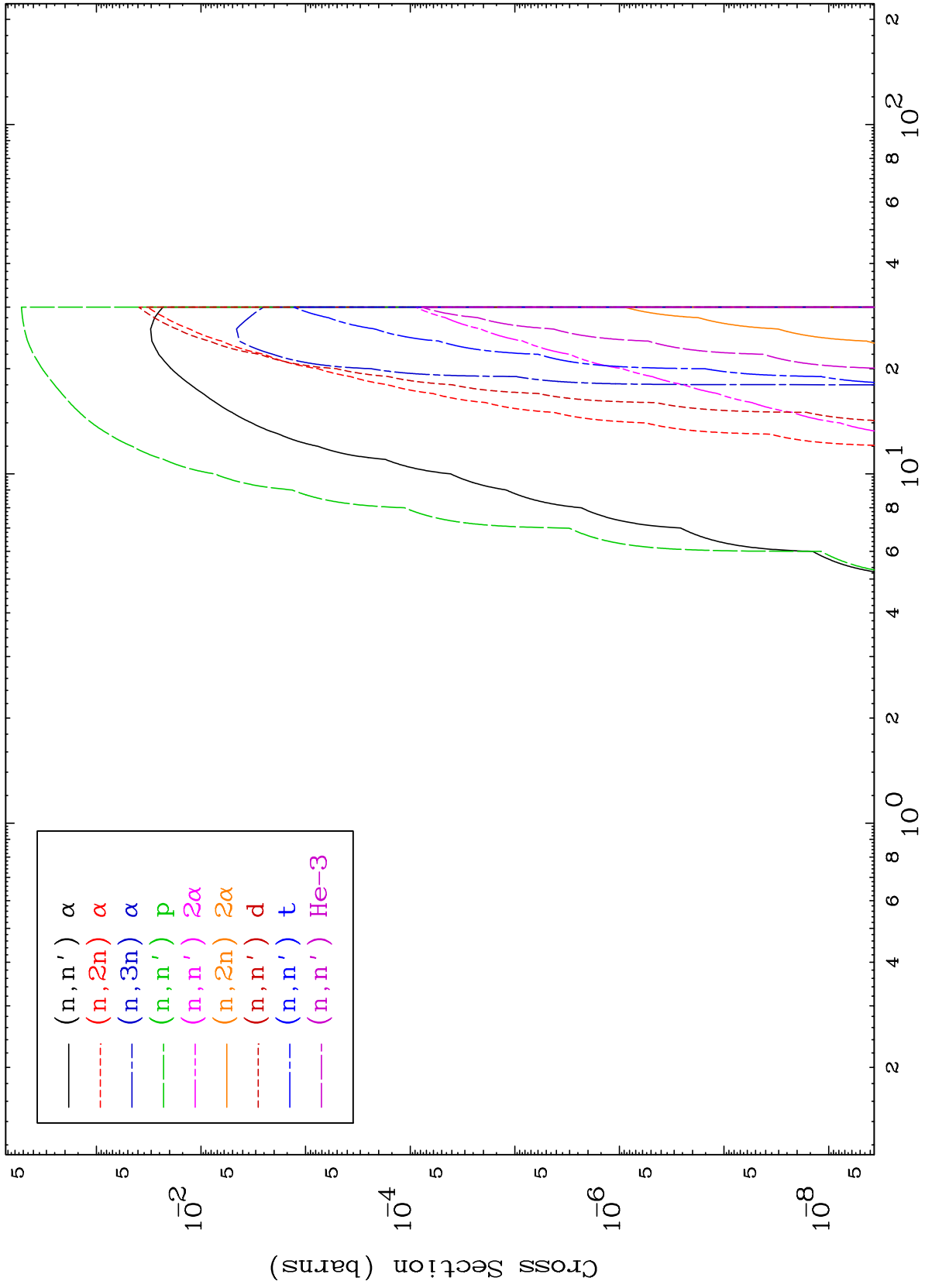
MAT 7889

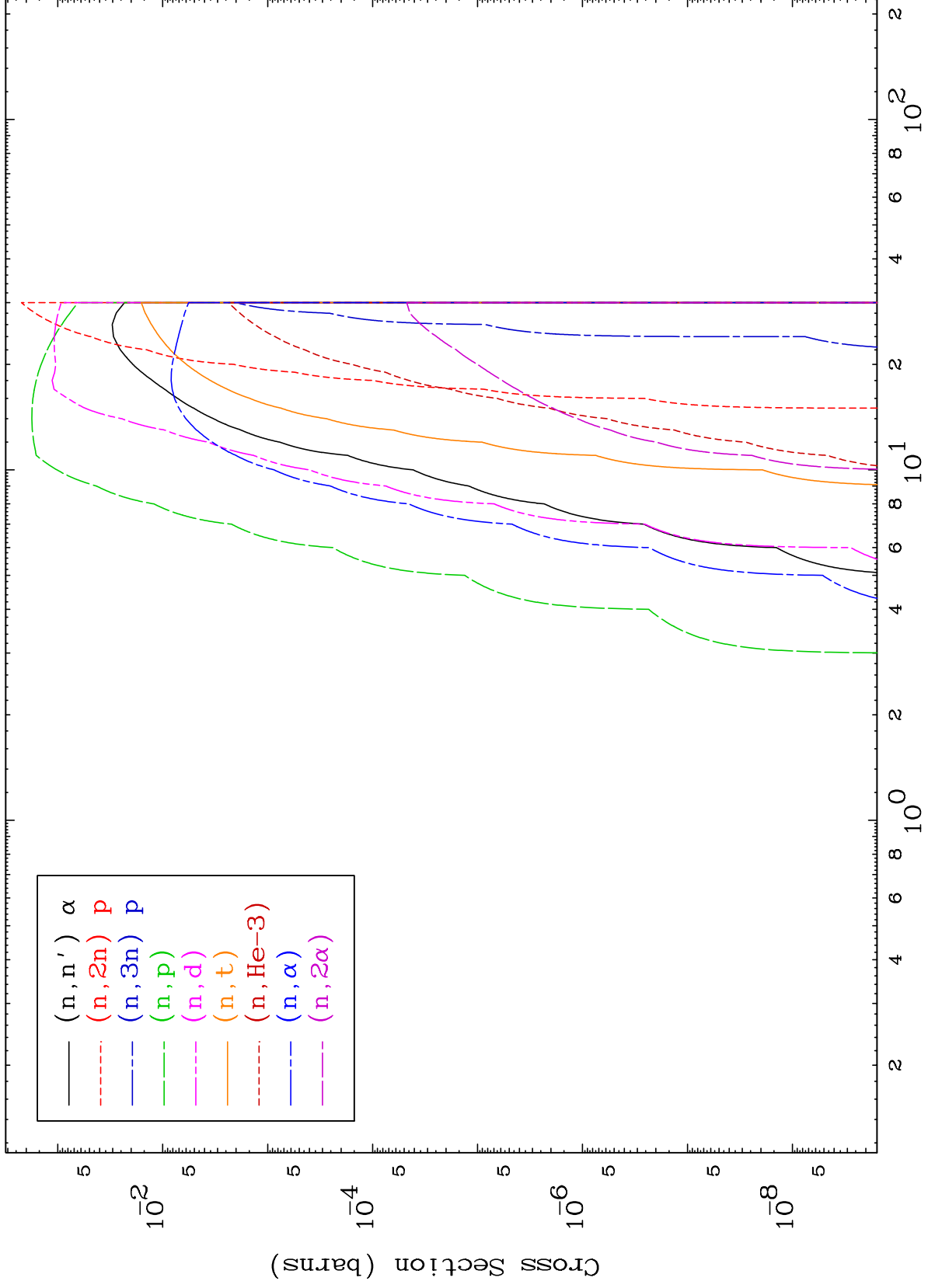
Deuteron Neutron Absorption
0 Kelvin Cross Sections

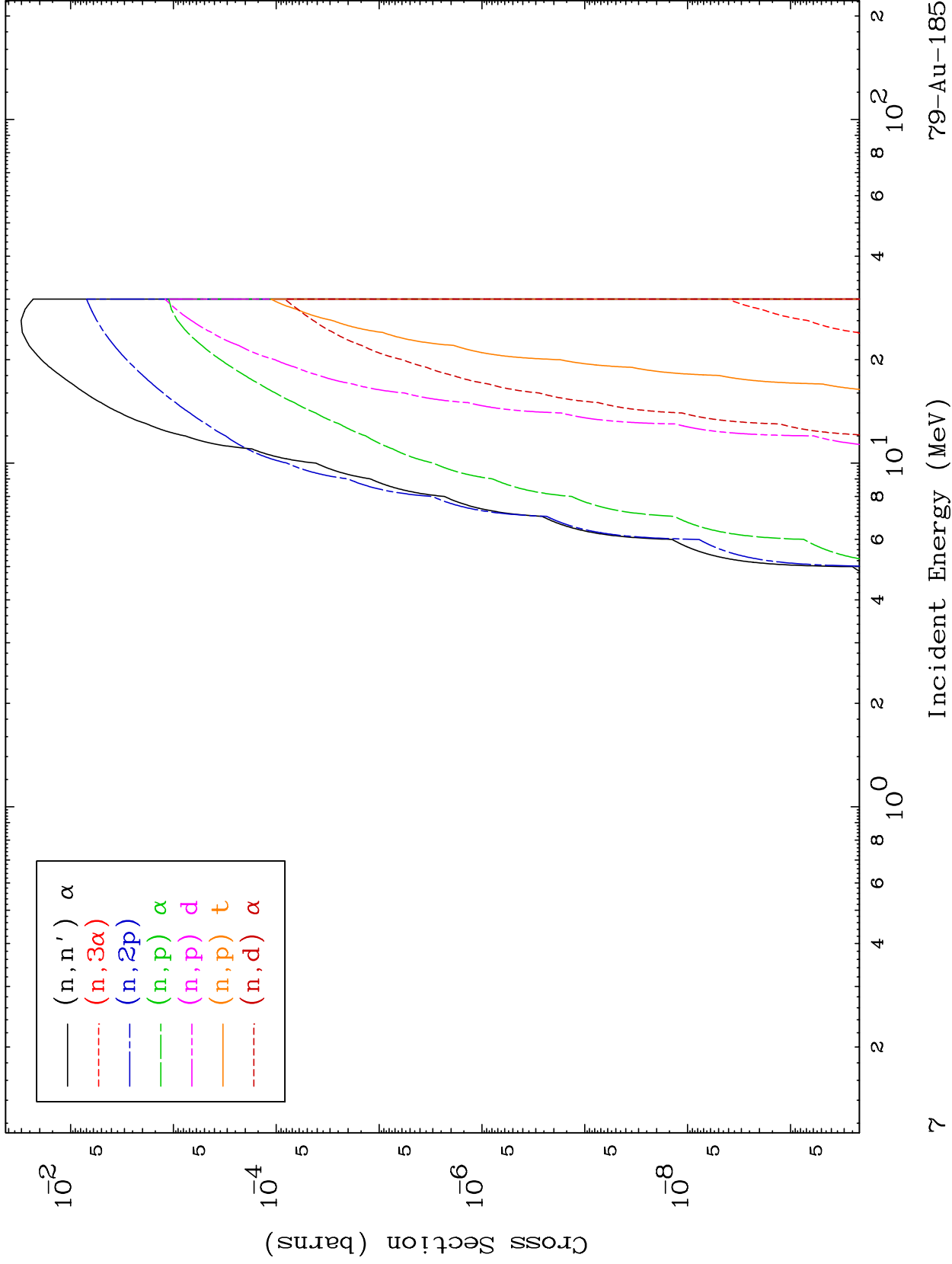
79-Au-185



79-Au-185





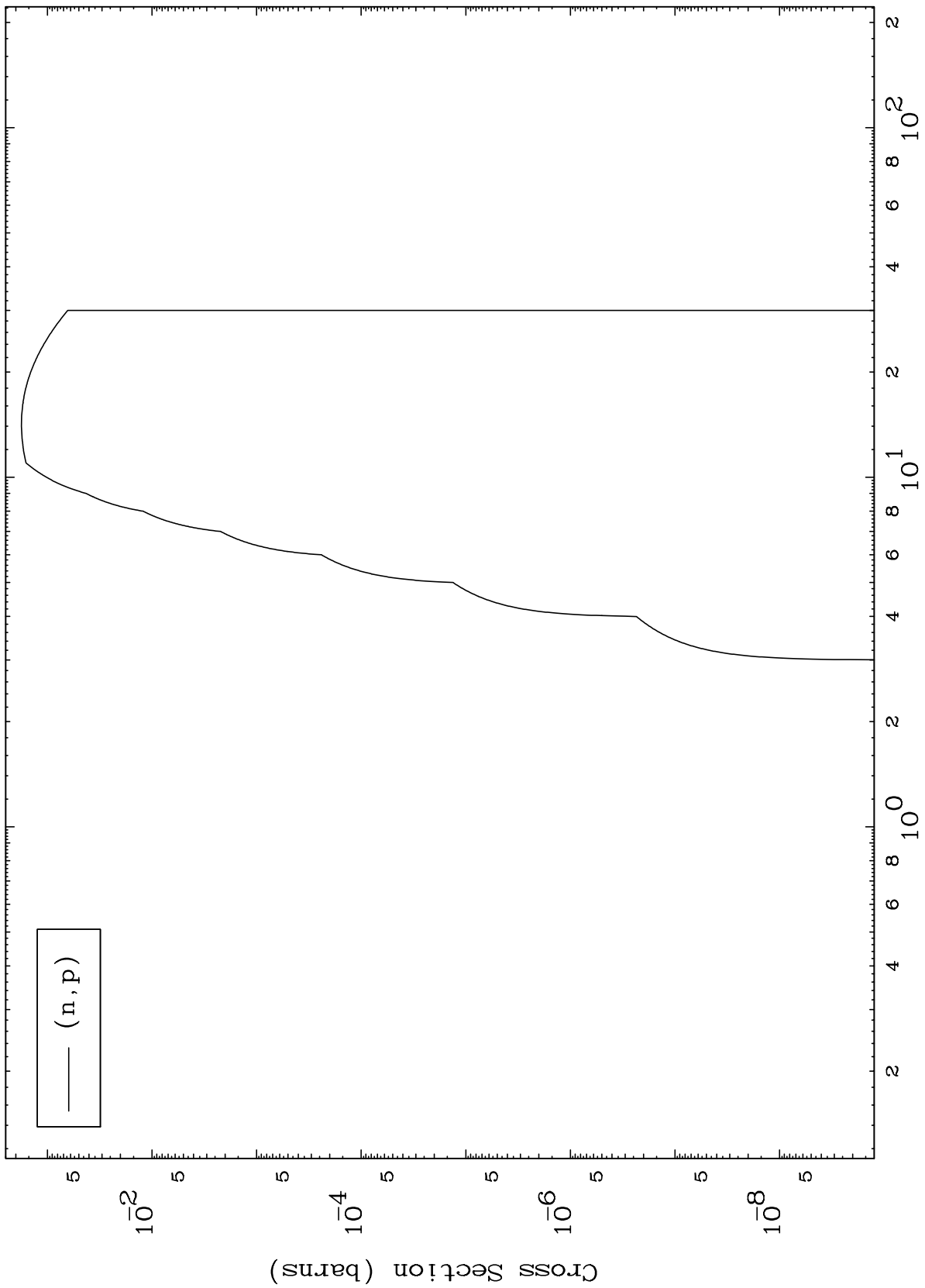


MAT 7889

(d,p) Levels

79-Au-185

0 Kelvin Cross Sections

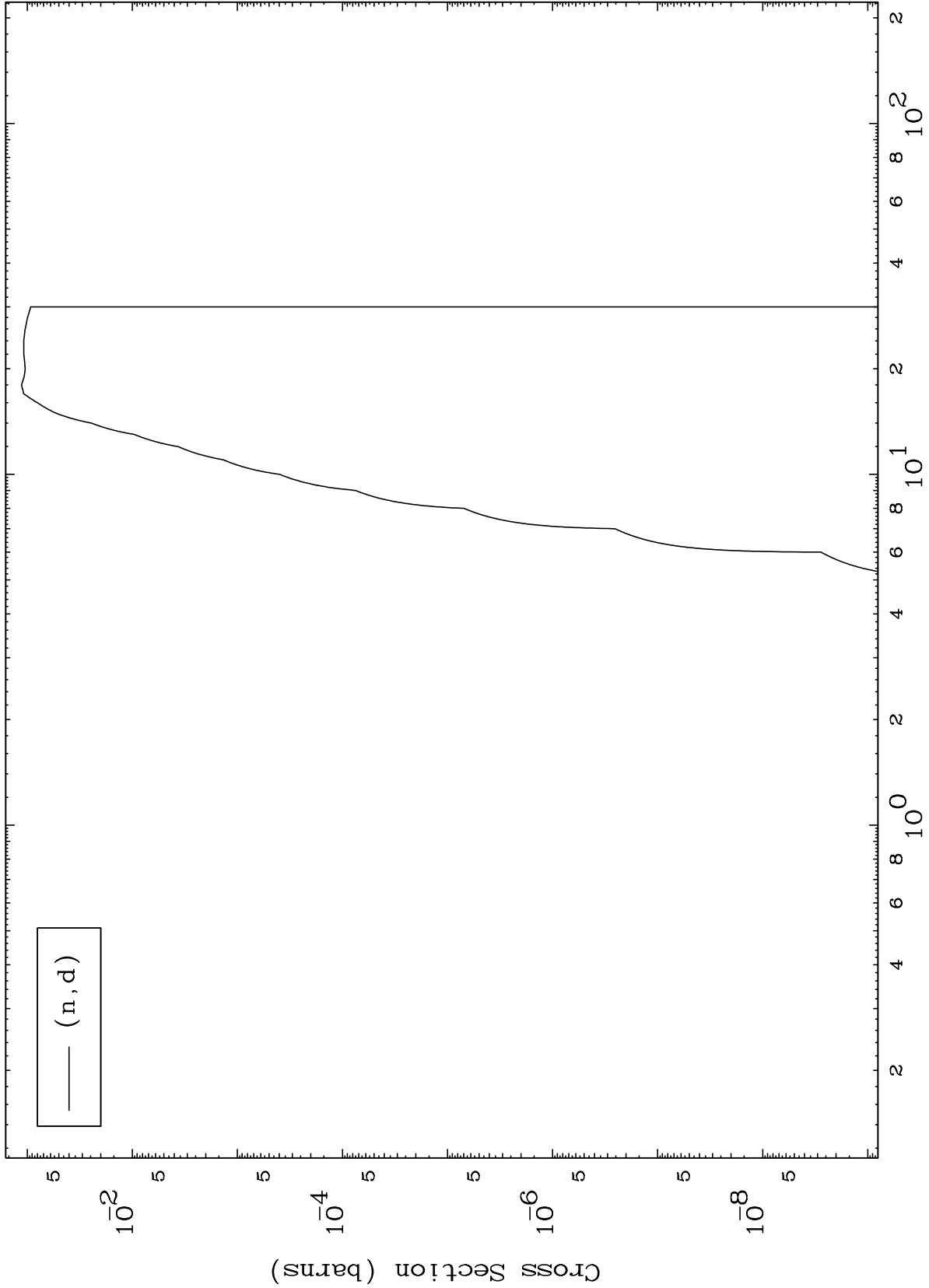


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(d,d) Levels

79-Au-185

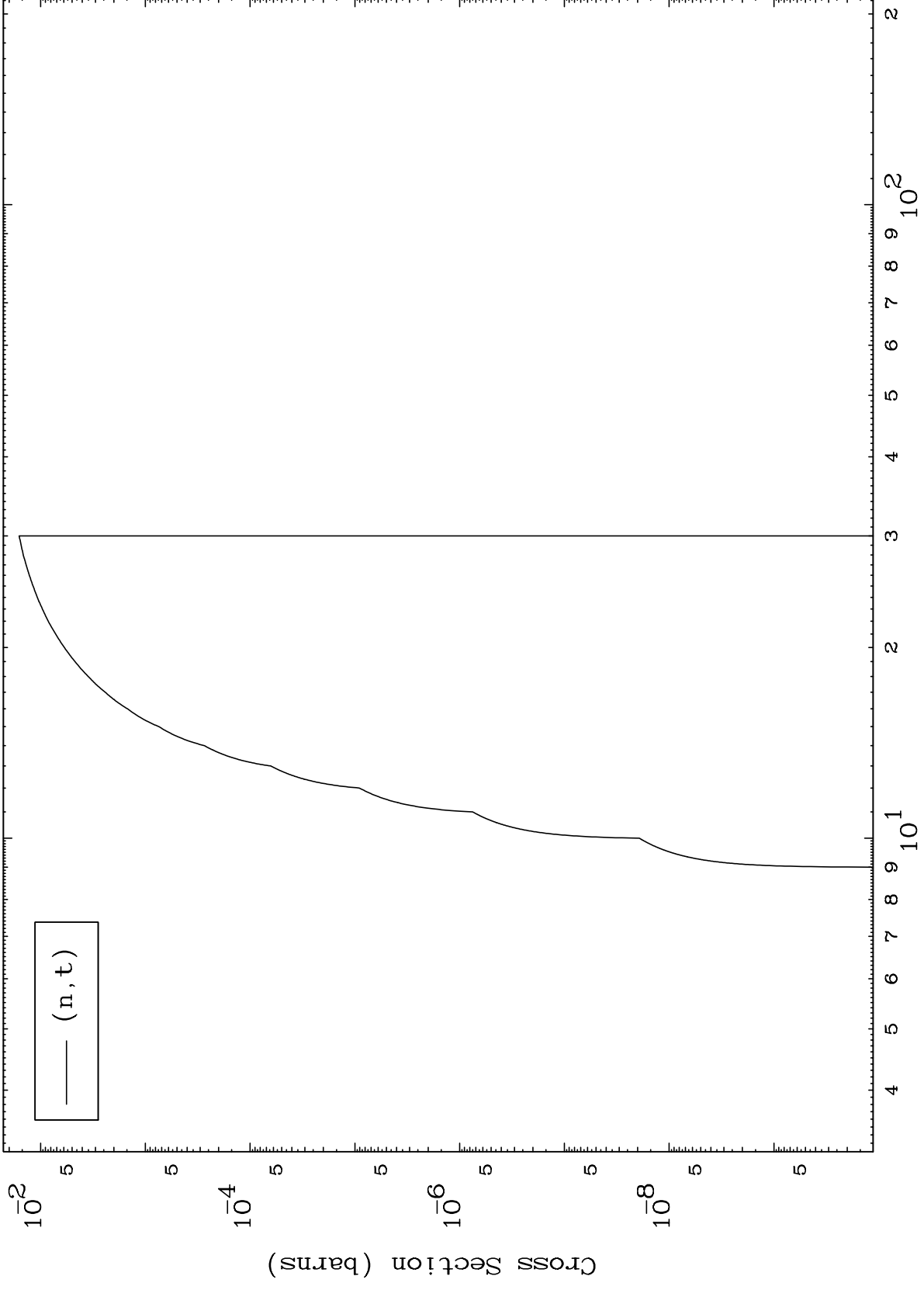
0 Kelvin Cross Sections



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(d,t) Levels
0 Kelvin Cross Sections

79-Au-185



10

Incident Energy (MeV)

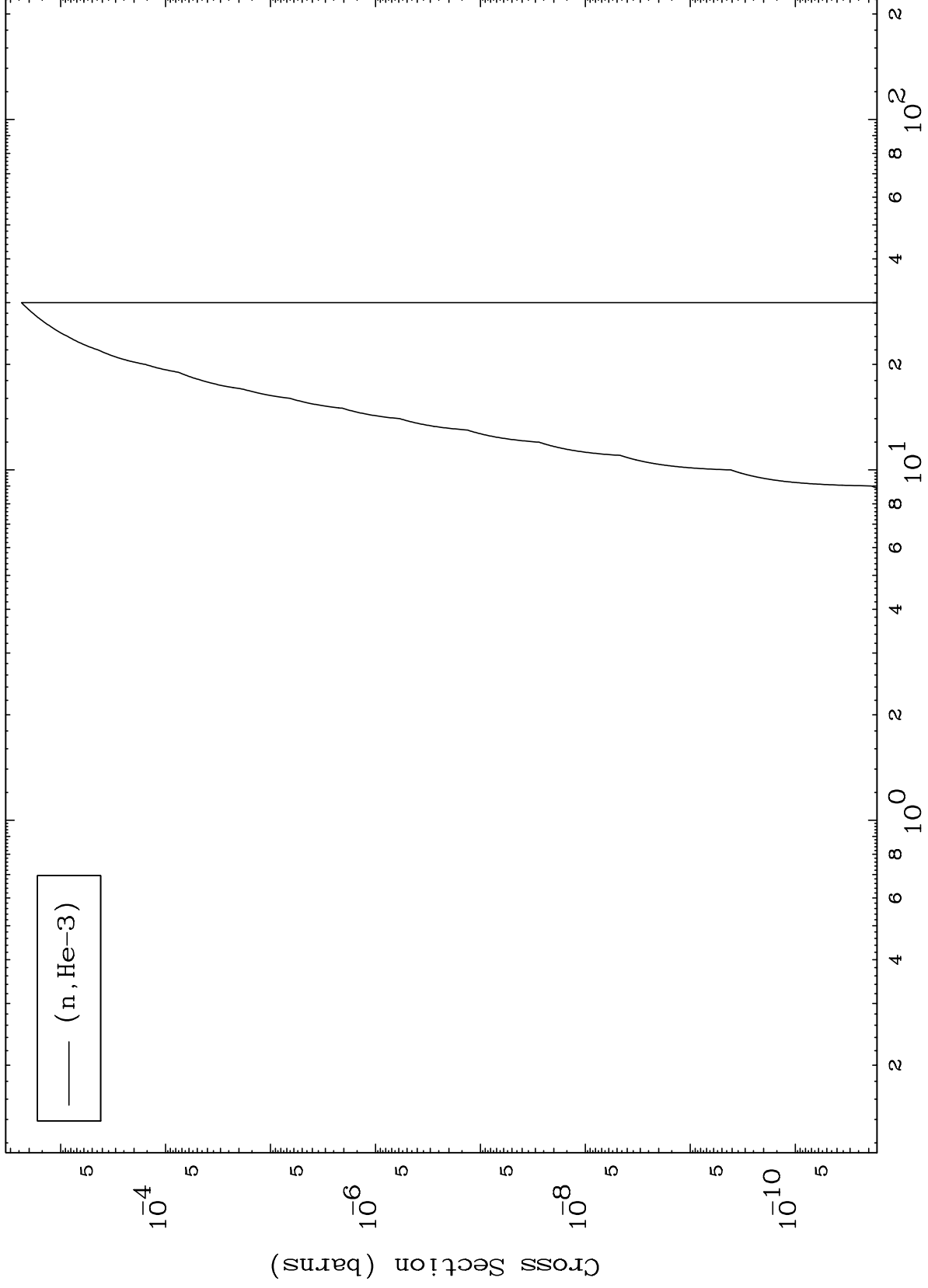
79-Au-185

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(d,He3) Levels

79-Au-185

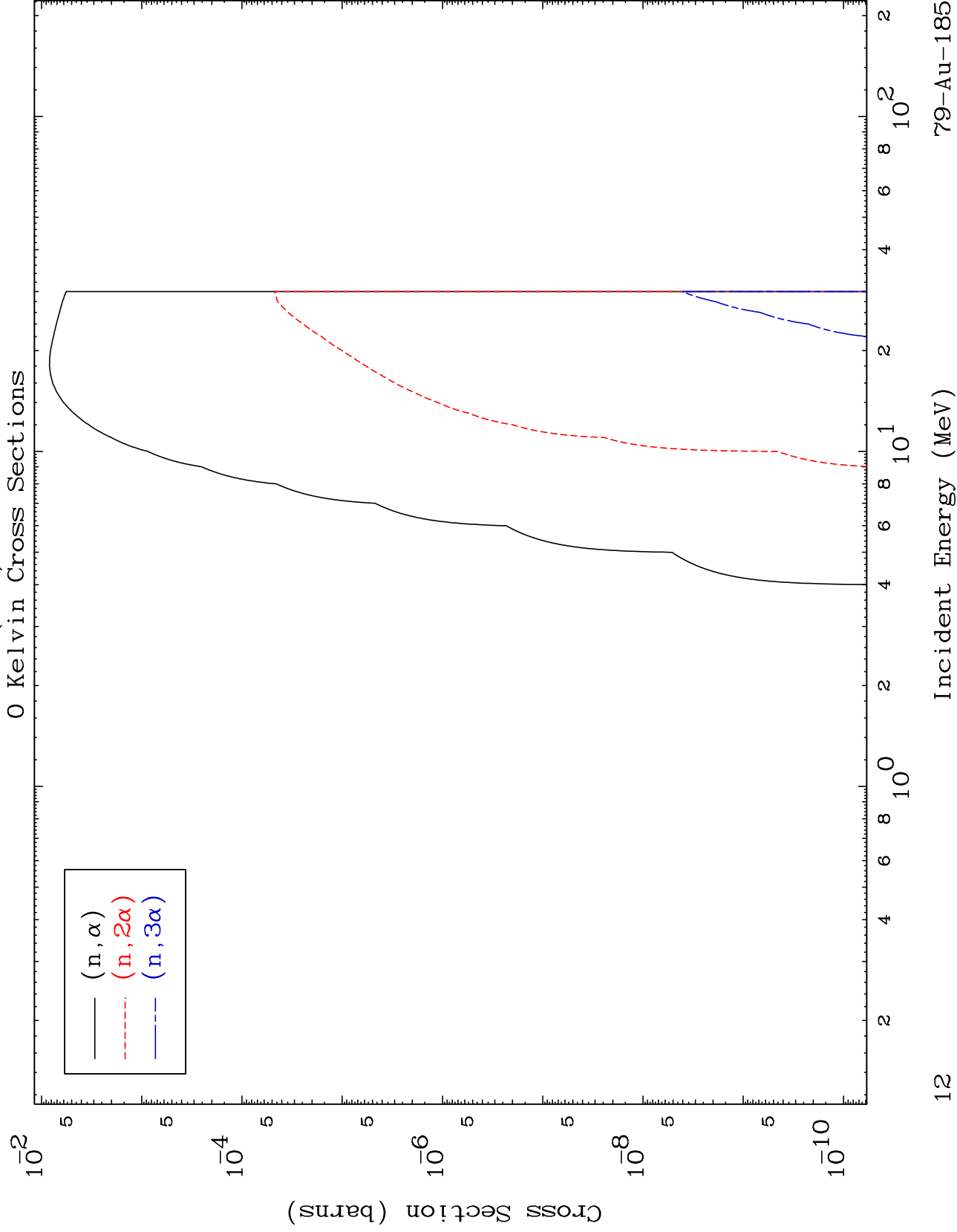
0 Kelvin Cross Sections



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(d, α) Levels

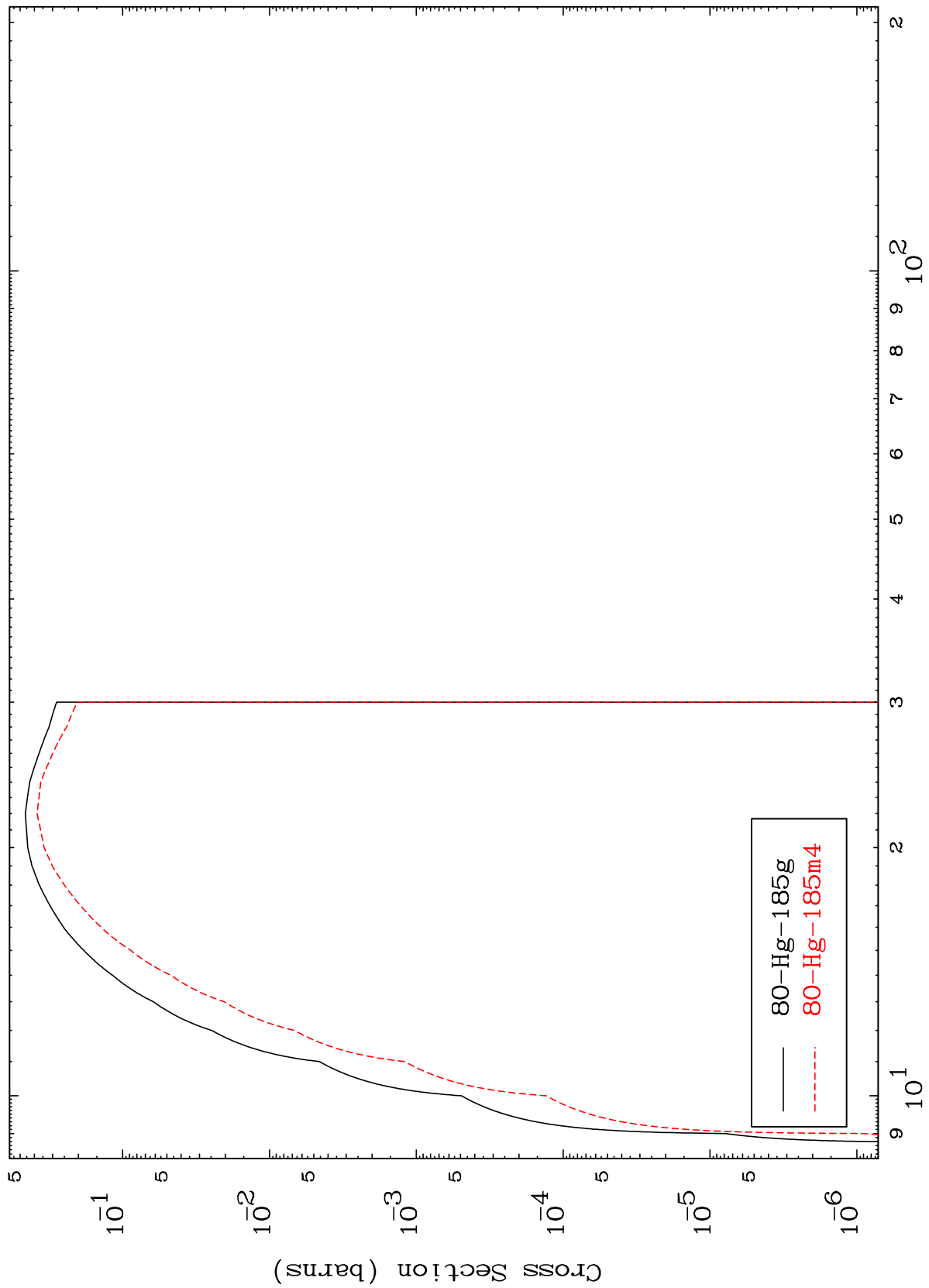
79-Au-185



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79-Au-185

Radionuclide Production Cross Section
(n,2n)



Incident Energy (MeV)

79-Au-185

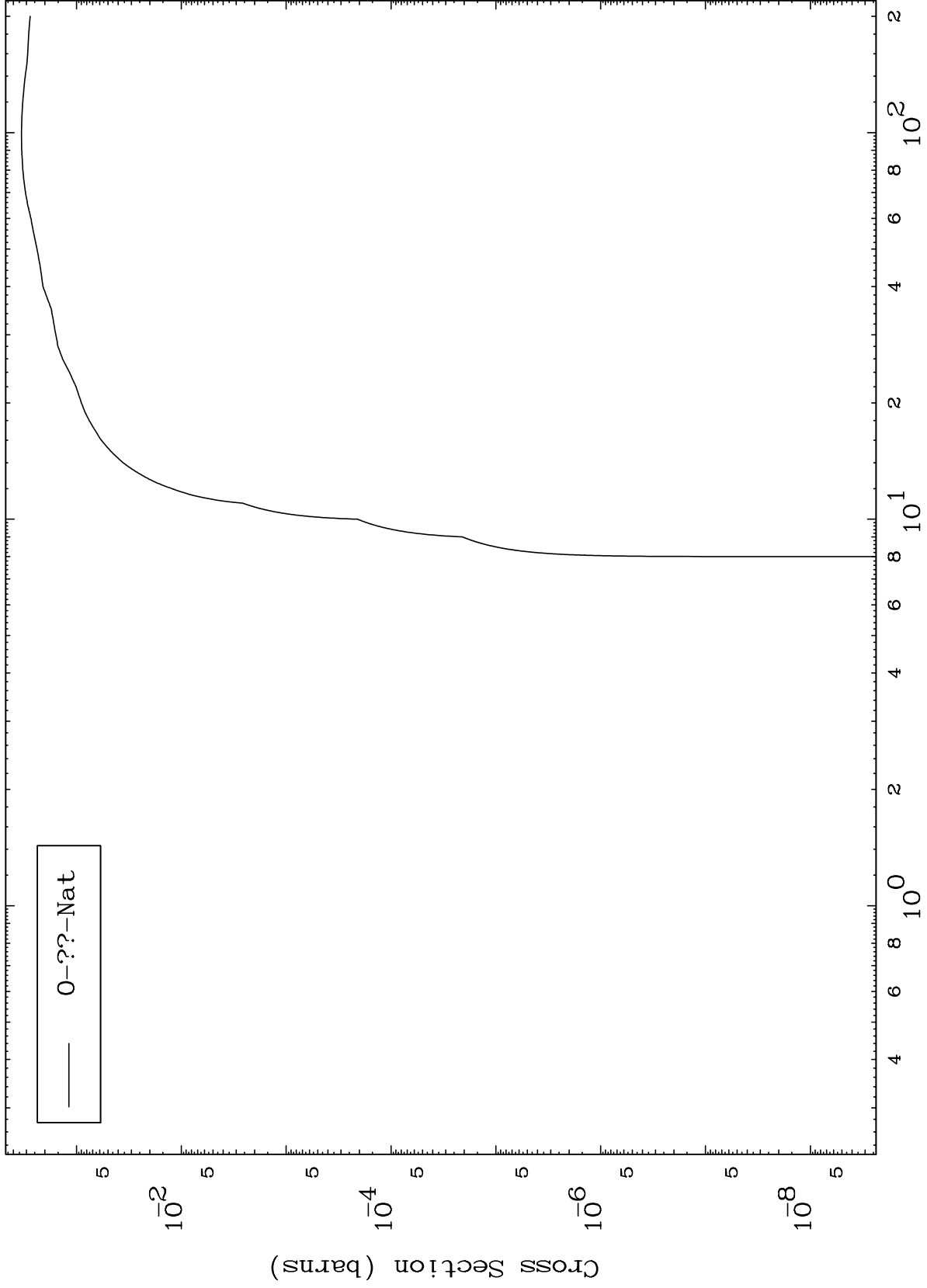
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Fission

⁷⁹Au-185

Radionuclide Production Cross Section



14

Incident Energy (MeV)

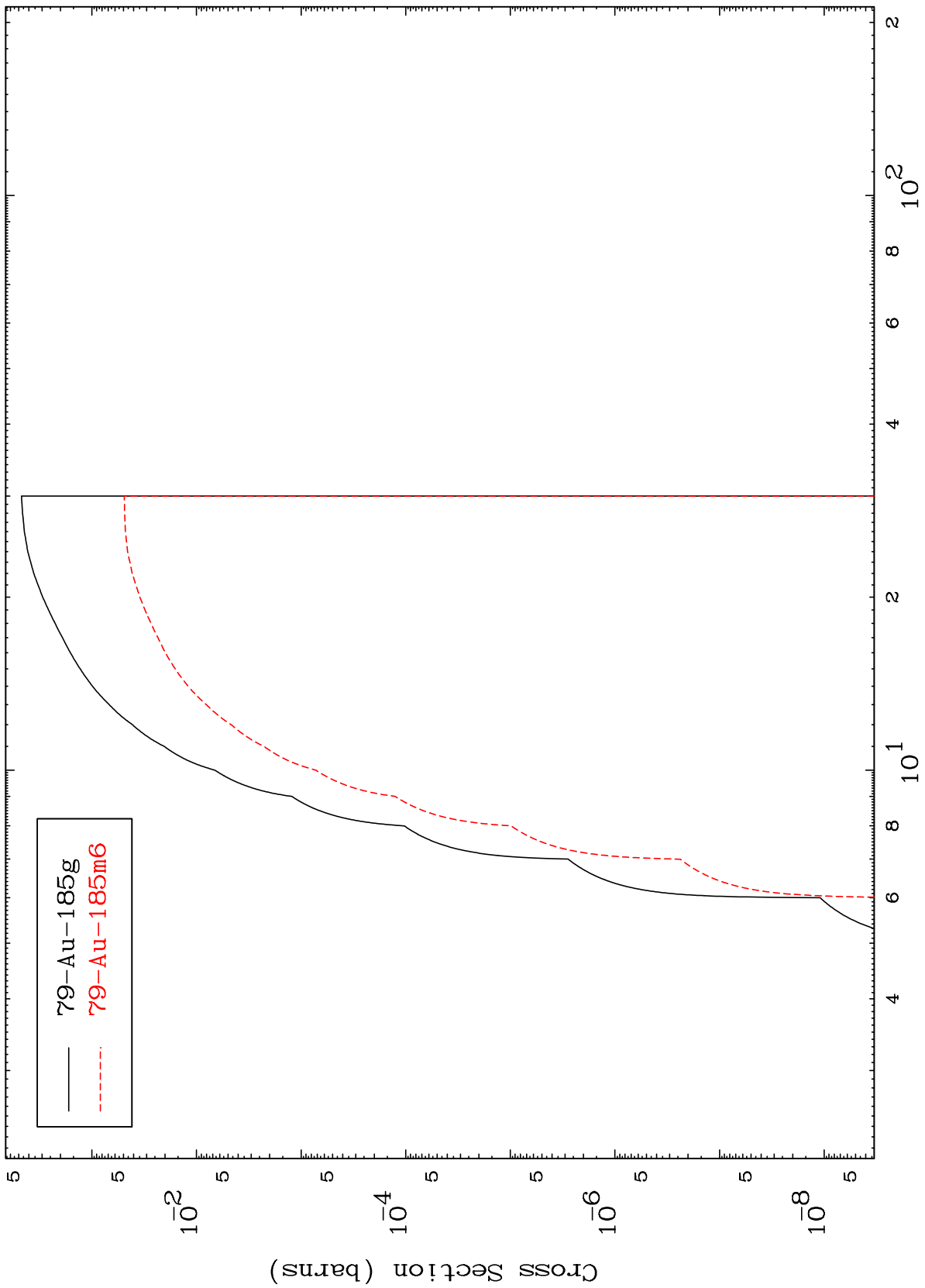
⁷⁹Au-185

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(n, n') p

$^{79}\text{Au-185}$

Radionuclide Production Cross Section



Legend:
— $^{79}\text{Au-185g}$
- - - $^{79}\text{Au-185m6}$

15

Incident Energy (MeV)

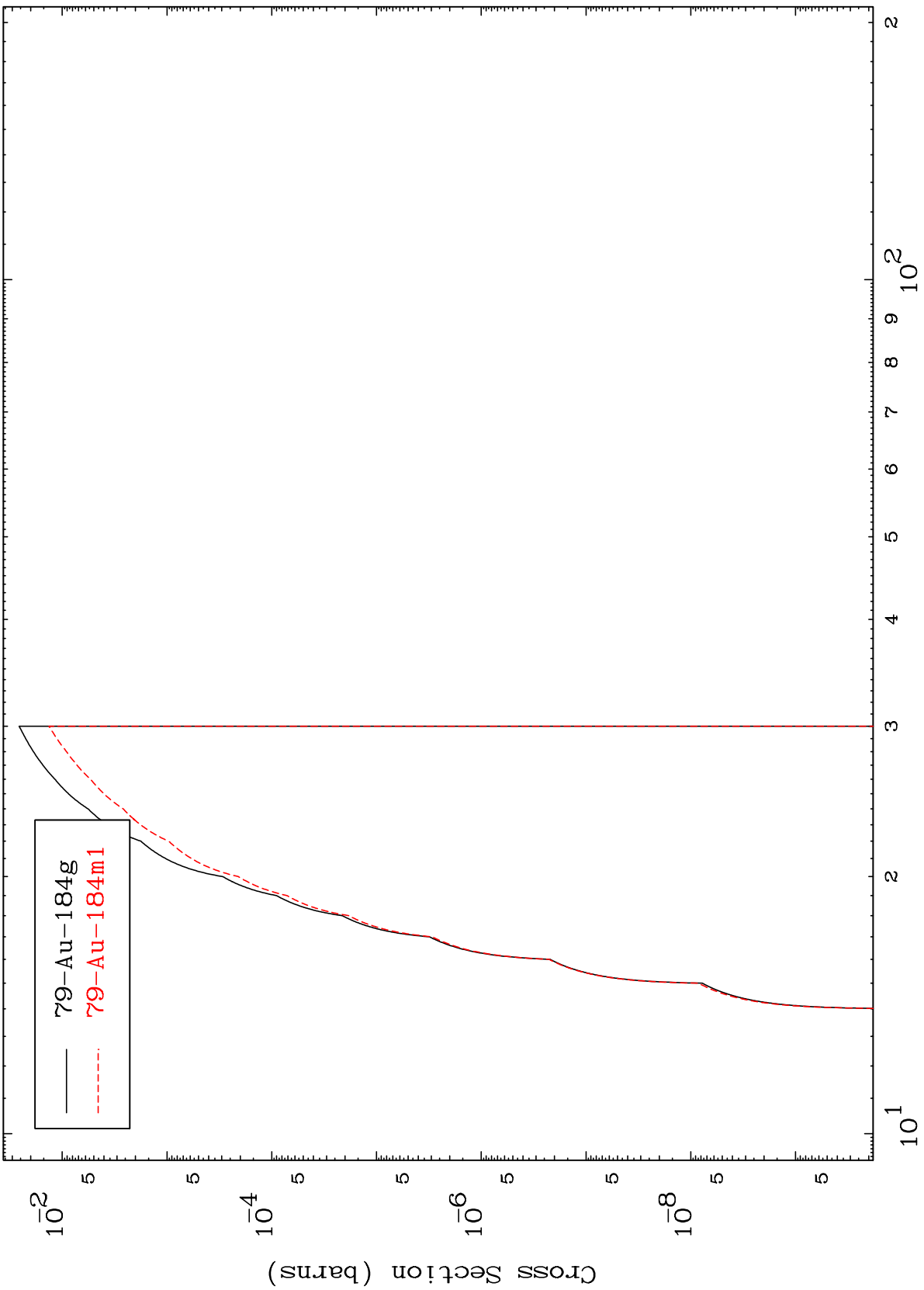
$^{79}\text{Au-185}$

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(n,n') d

79-Au-185

Radionuclide Production Cross Section



Incident Energy (MeV)

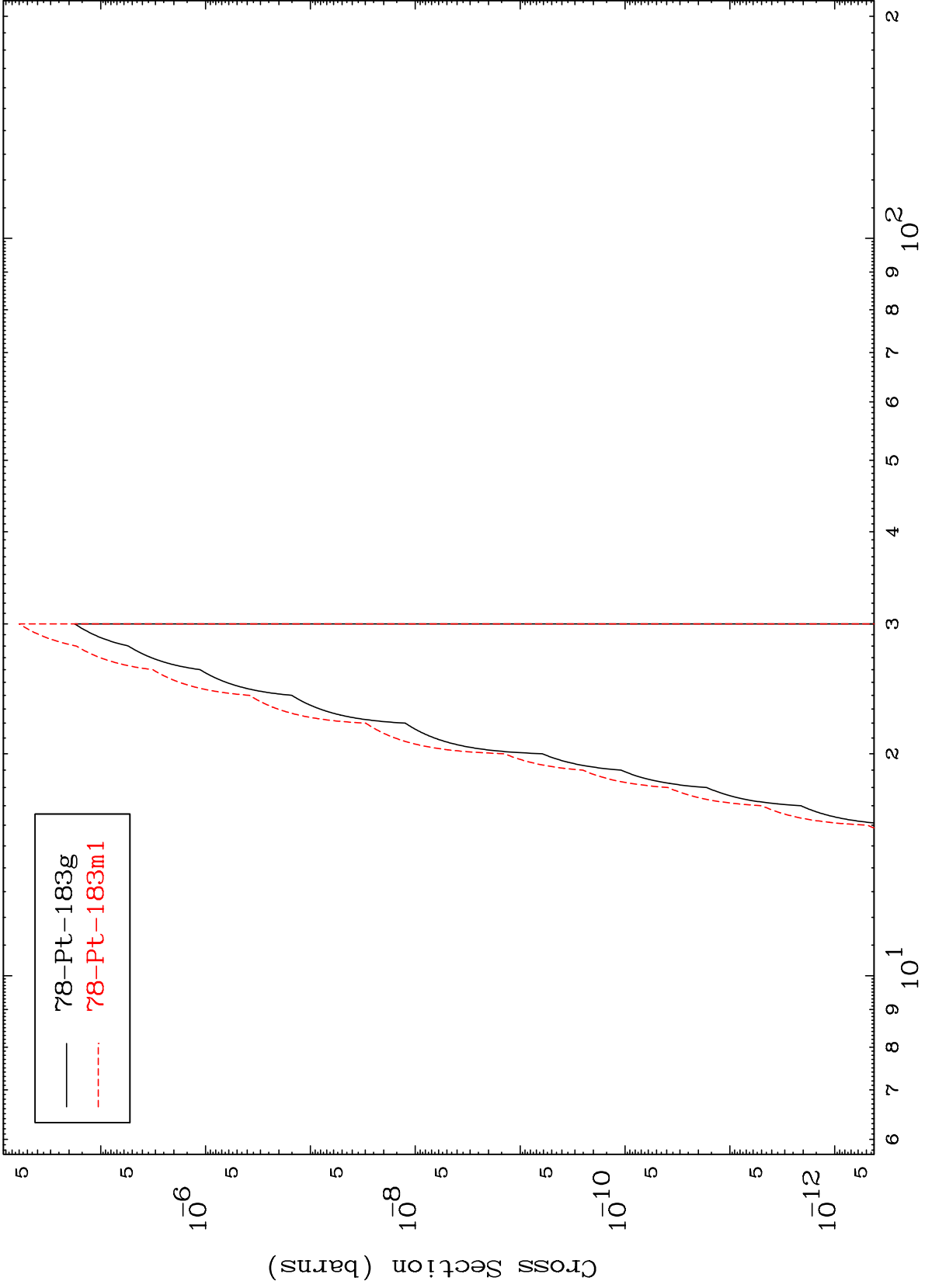
79-Au-185

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(n,n') He-3

79-Au-185

Radionuclide Production Cross Section



17

Incident Energy (MeV)

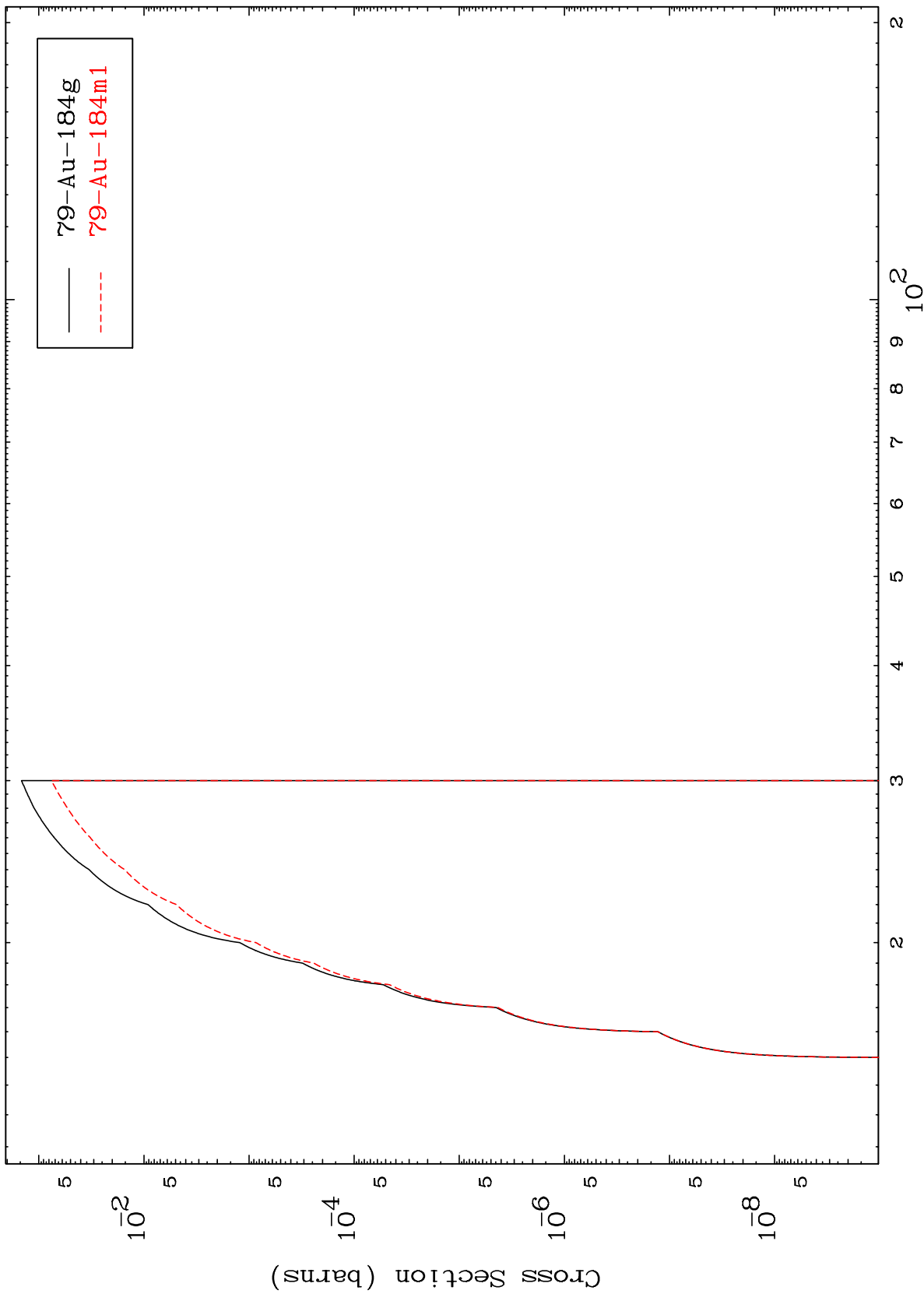
79-Au-185

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(n,2n) p

79-Au-185

Radionuclide Production Cross Section



18

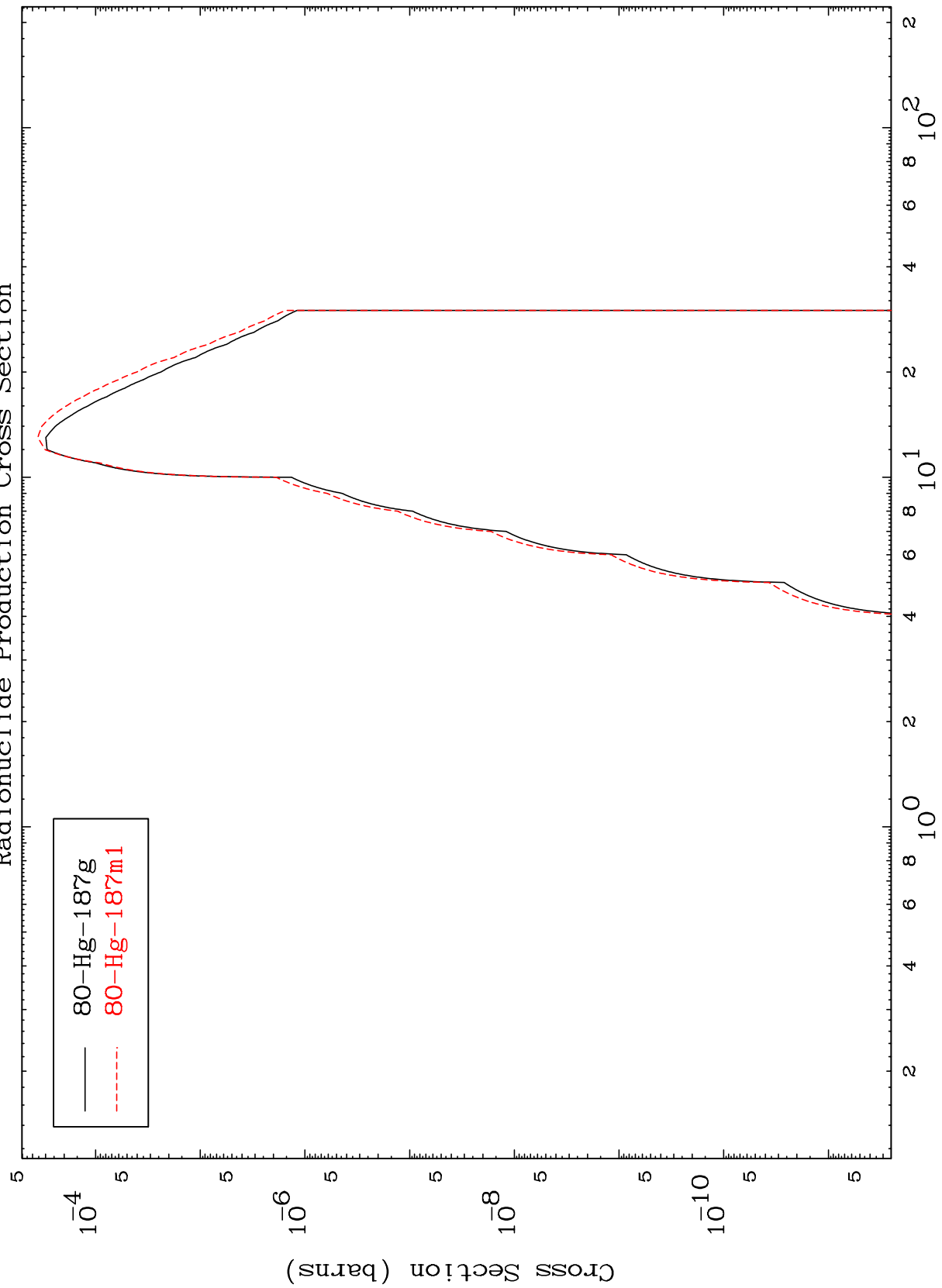
Incident Energy (MeV)

79-Au-185

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79-Au-185

(n, γ)
Radionuclide Production Cross Section

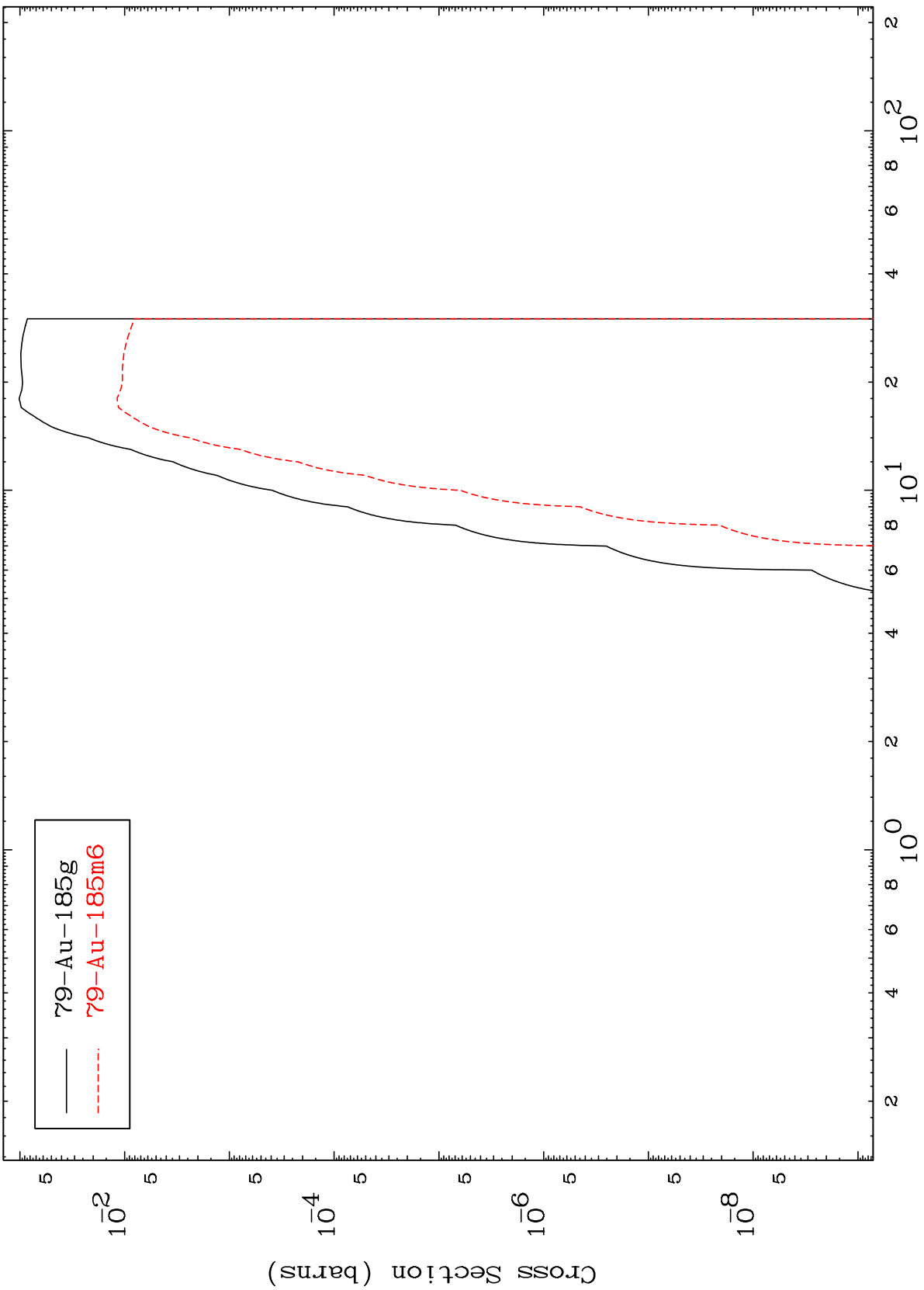


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(n,d)

⁷⁹Au-185

Radionuclide Production Cross Section



— ⁷⁹Au-185g
- - - ⁷⁹Au-185m6

20

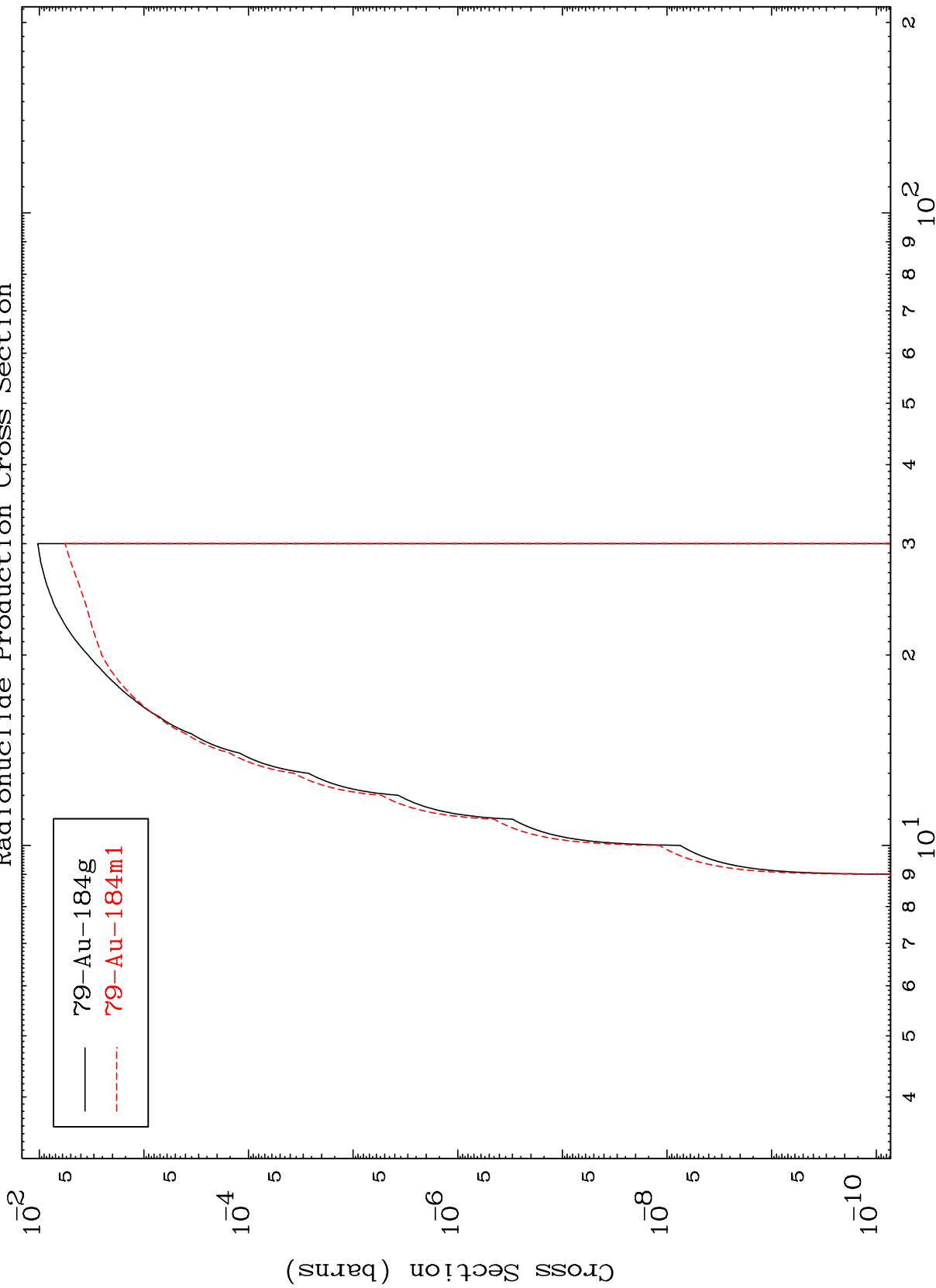
Incident Energy (MeV)

⁷⁹Au-185

MAT 7889

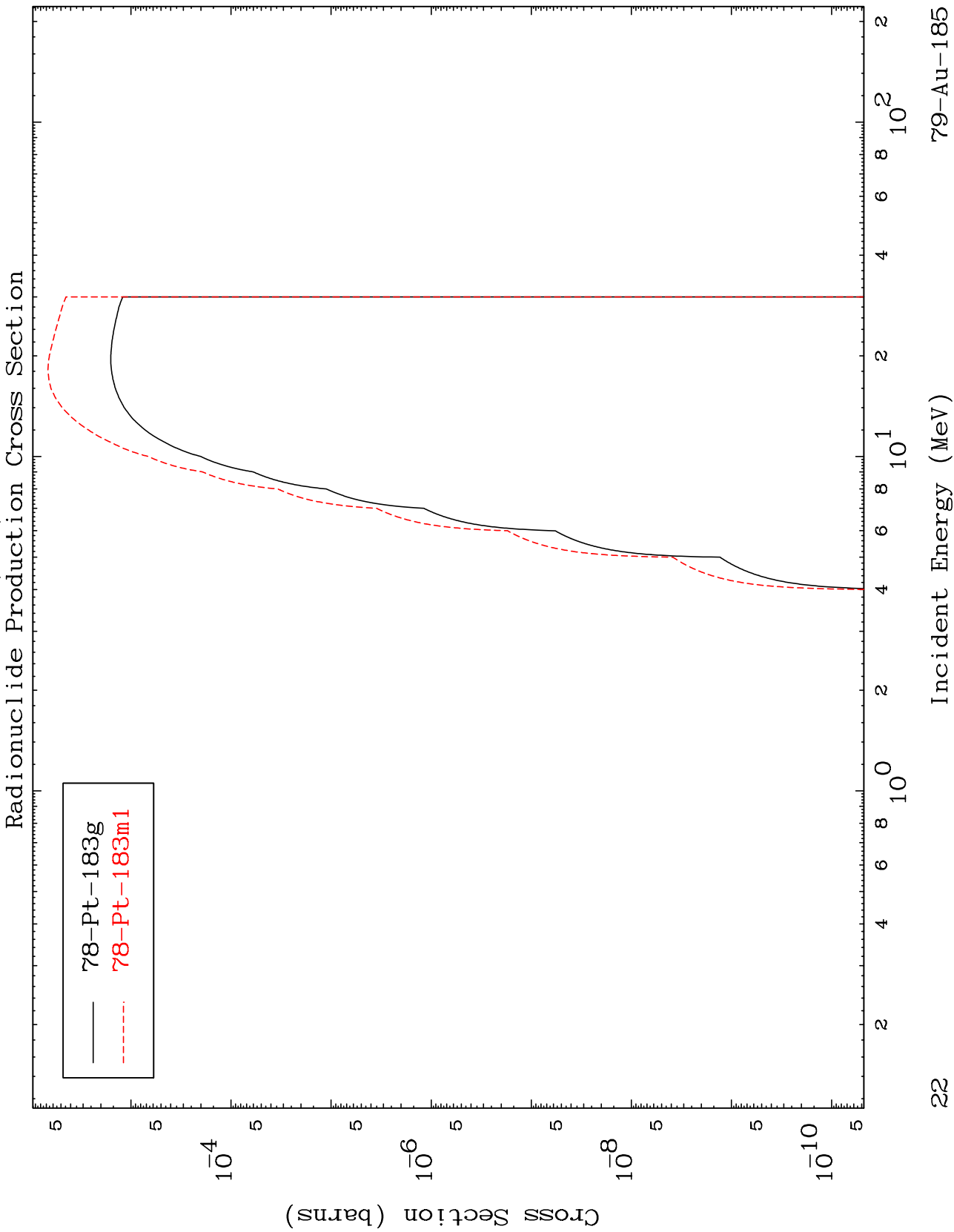
79-Au-185

Radionuclide Production Cross Section



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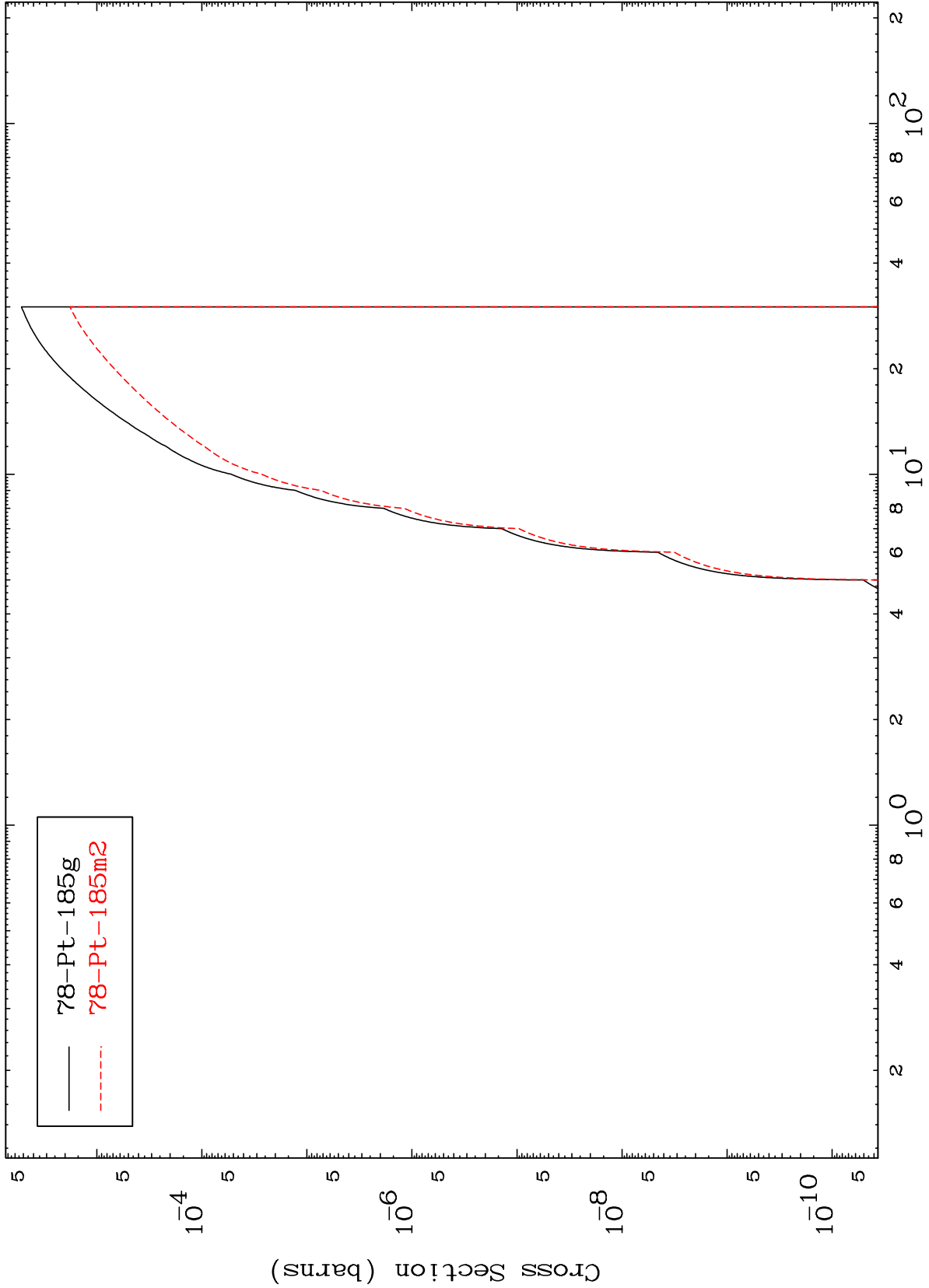
79-Au-185



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79-Au-185

(n,2p)
Radionuclide Production Cross Section



79-Au-185

Incident Energy (MeV)

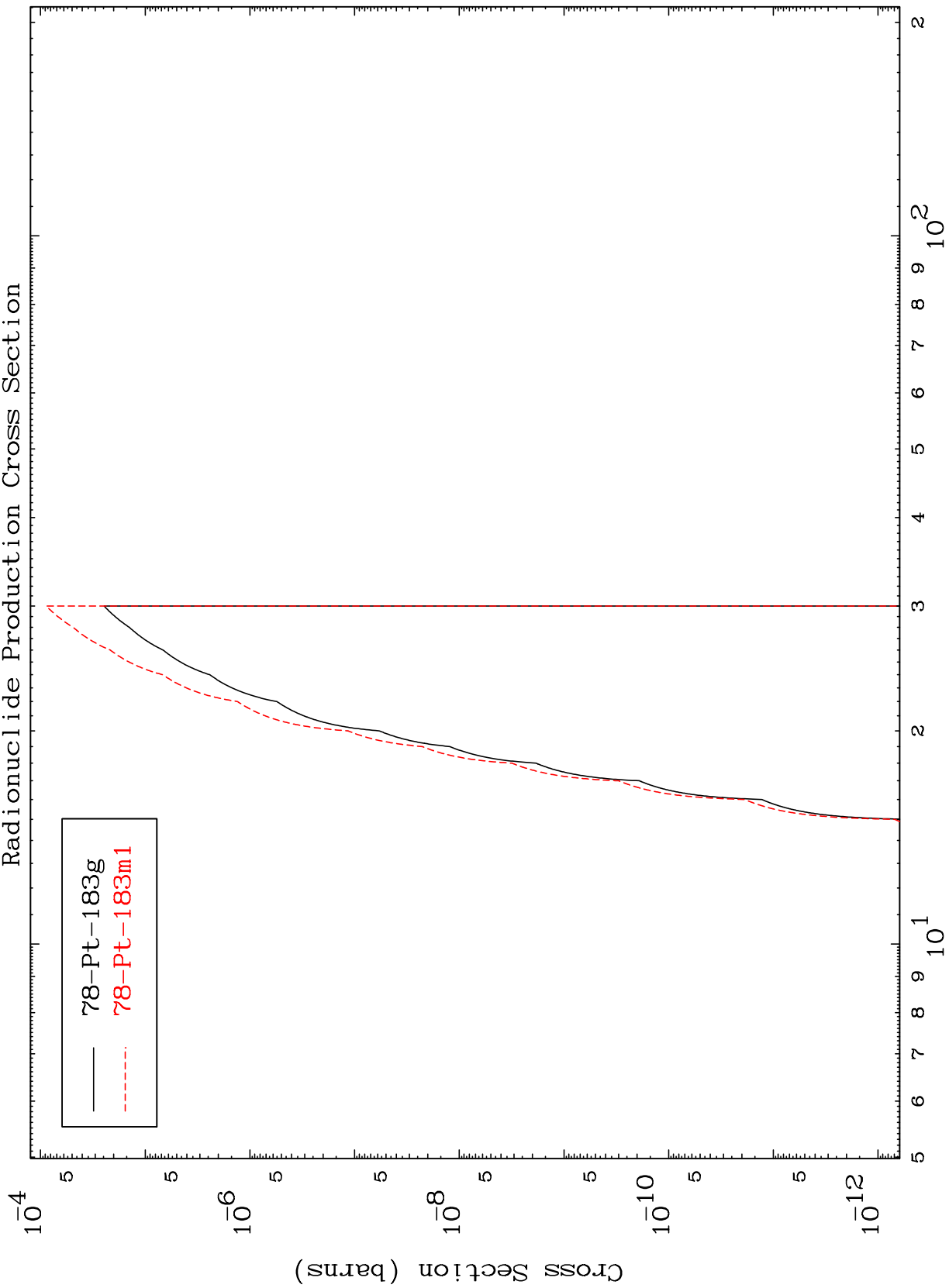
23

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(n,p) t

79-Au-185

Radionuclide Production Cross Section



24

Incident Energy (MeV)

79-Au-185