

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

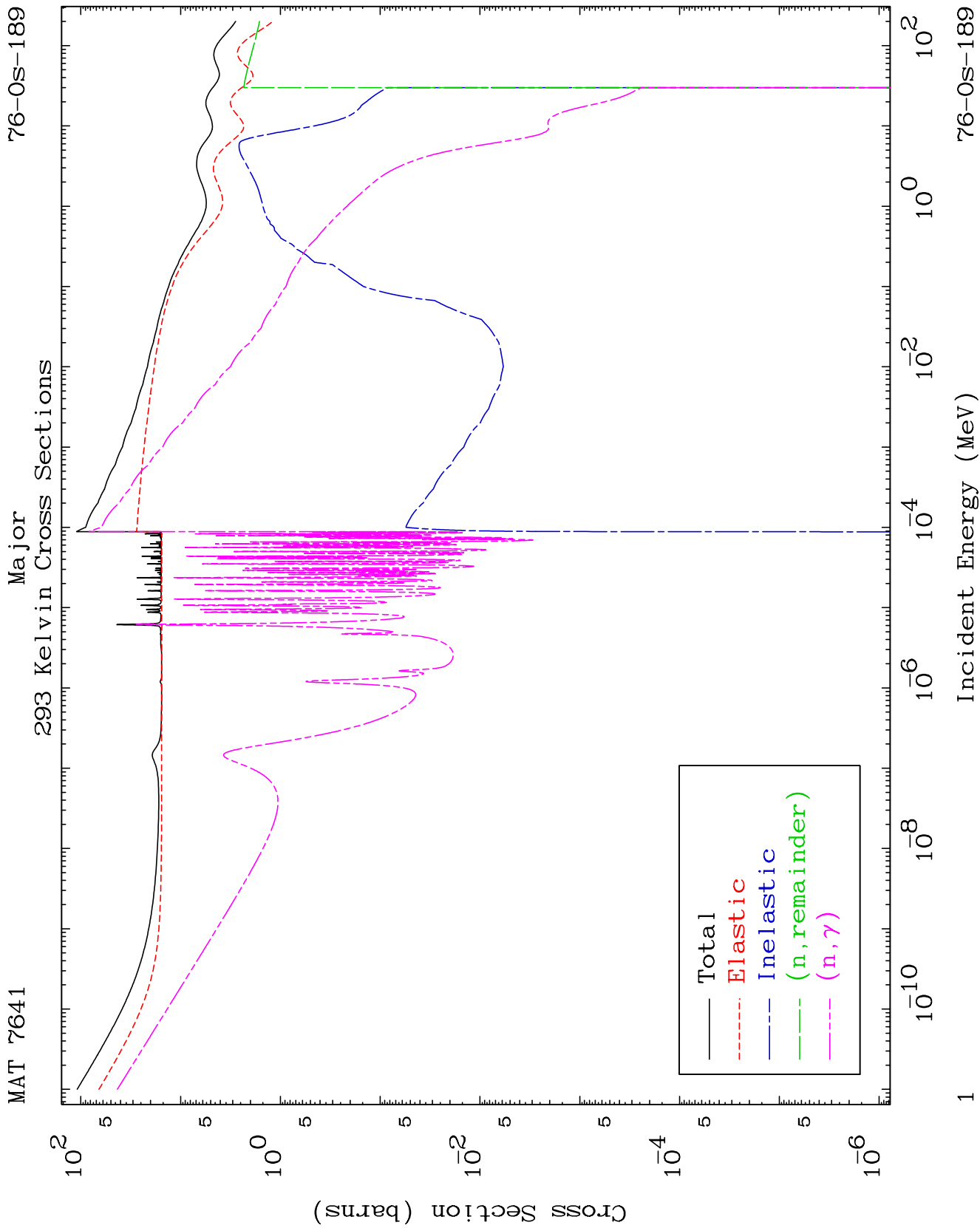
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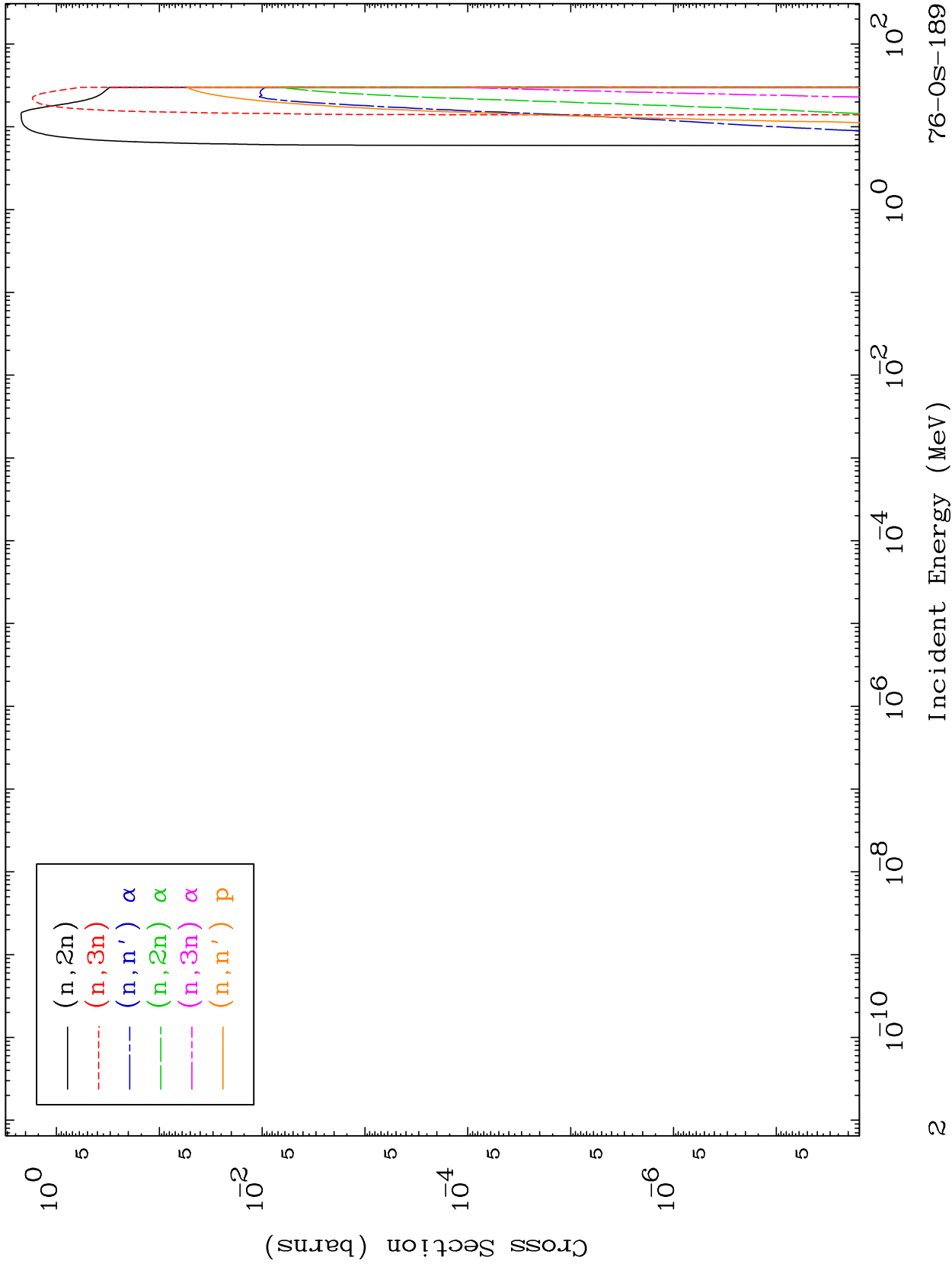
Press Mouse Button to Start

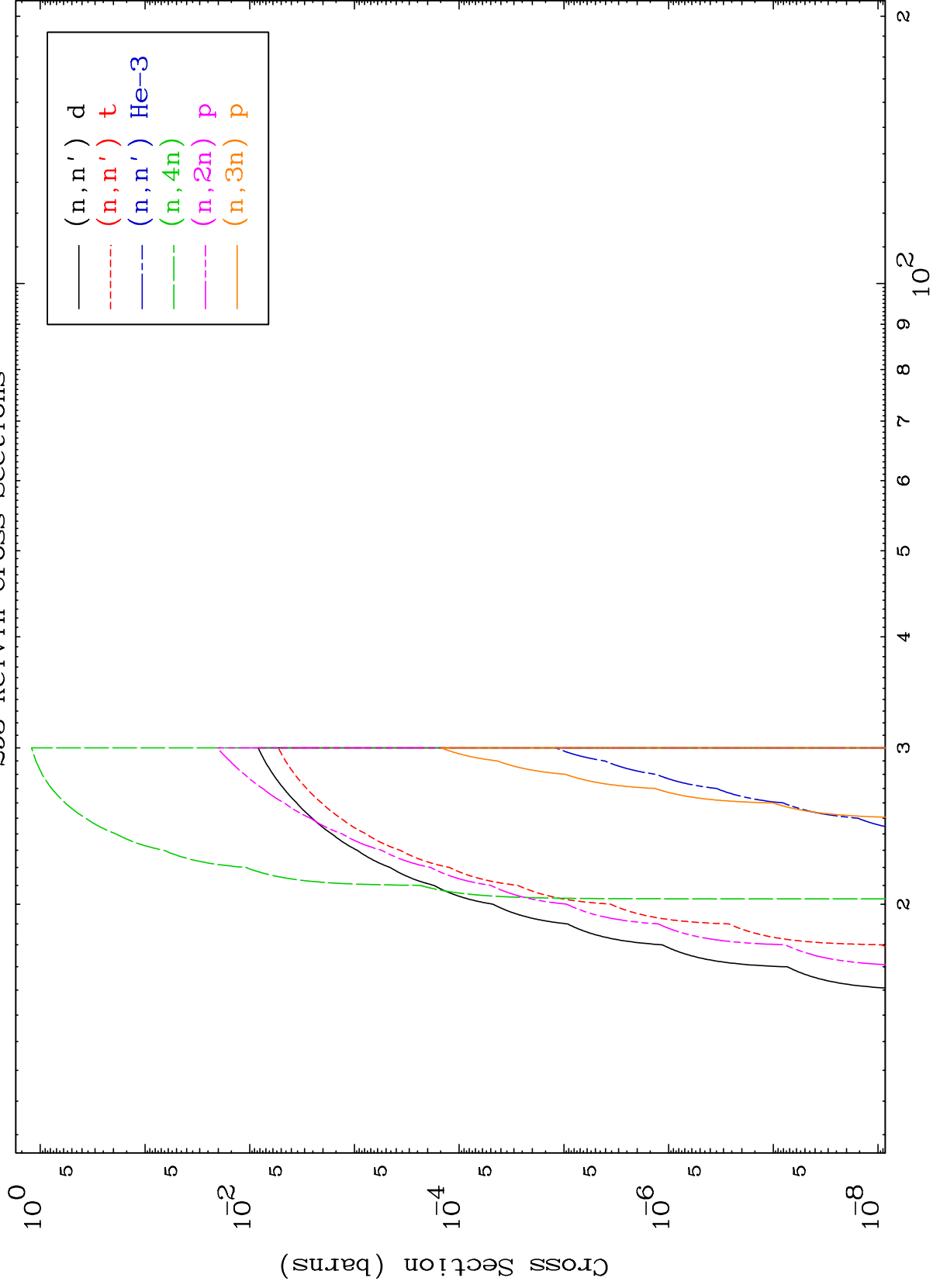


MAT 7641

Neutron Production
293 Kelvin Cross Sections

76-Os-189

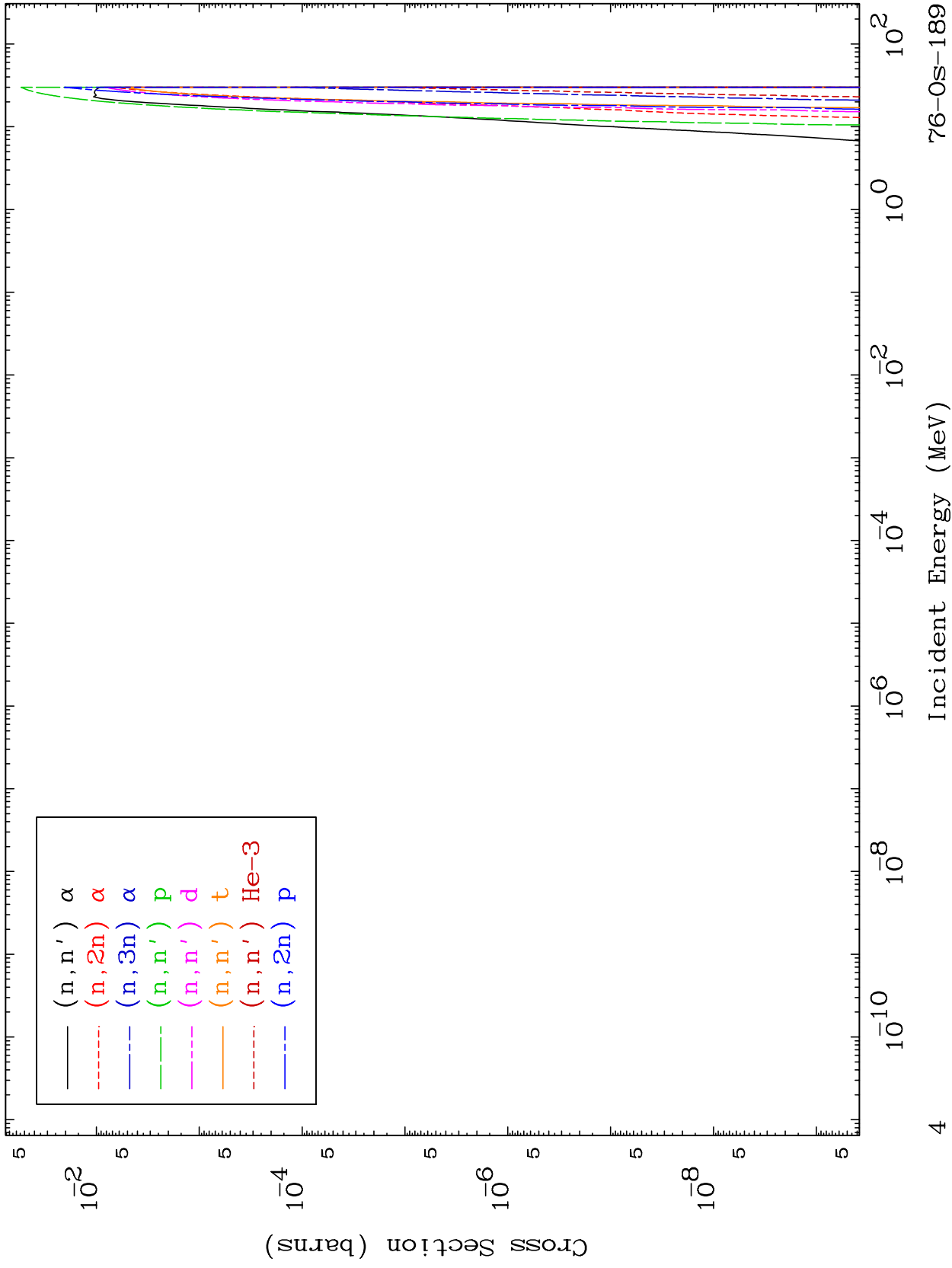




MAT 7641

Charged Particle
293 Kelvin Cross Sections

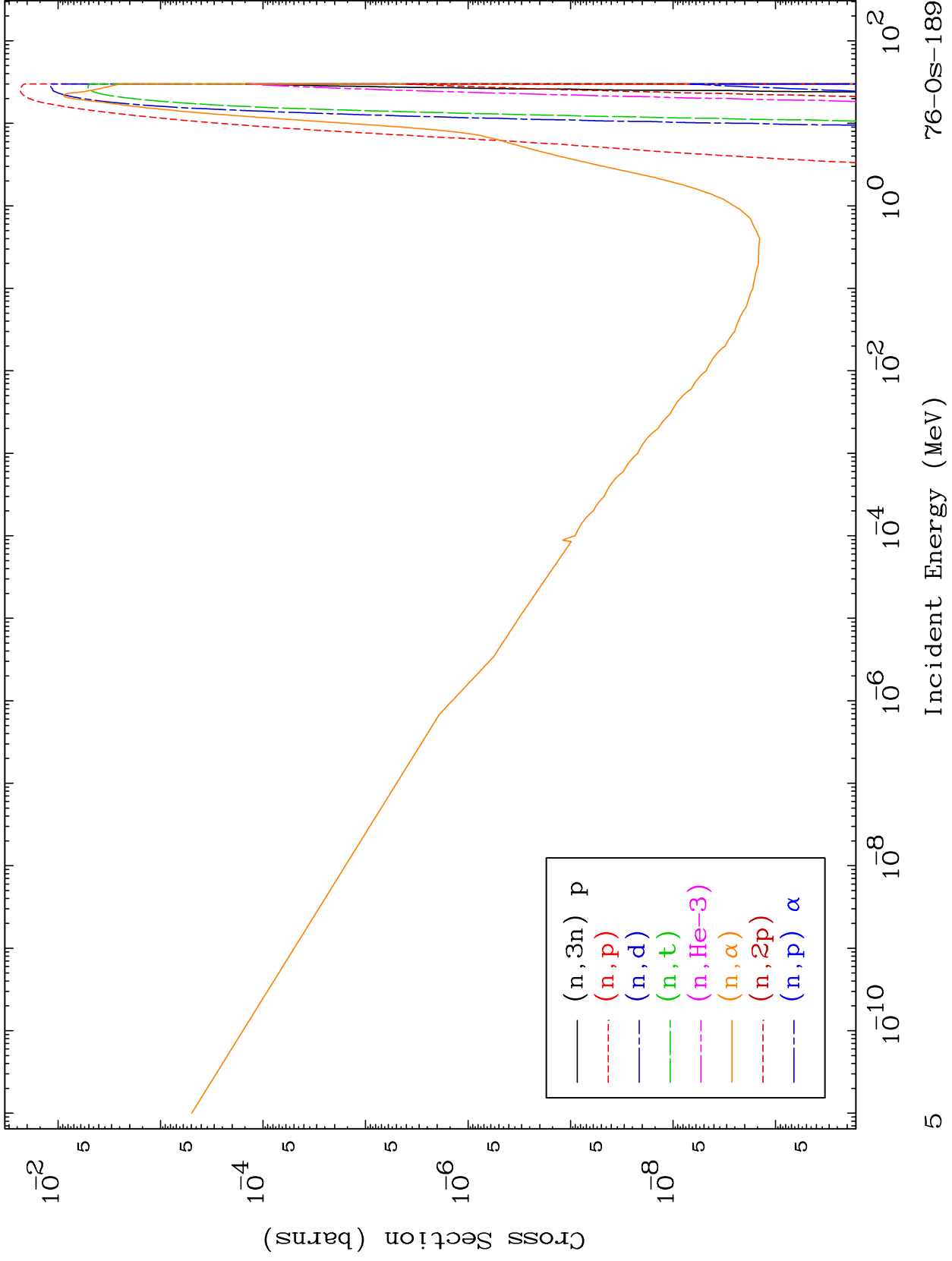
76-Os-189



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Charged Particle
293 Kelvin Cross Sections

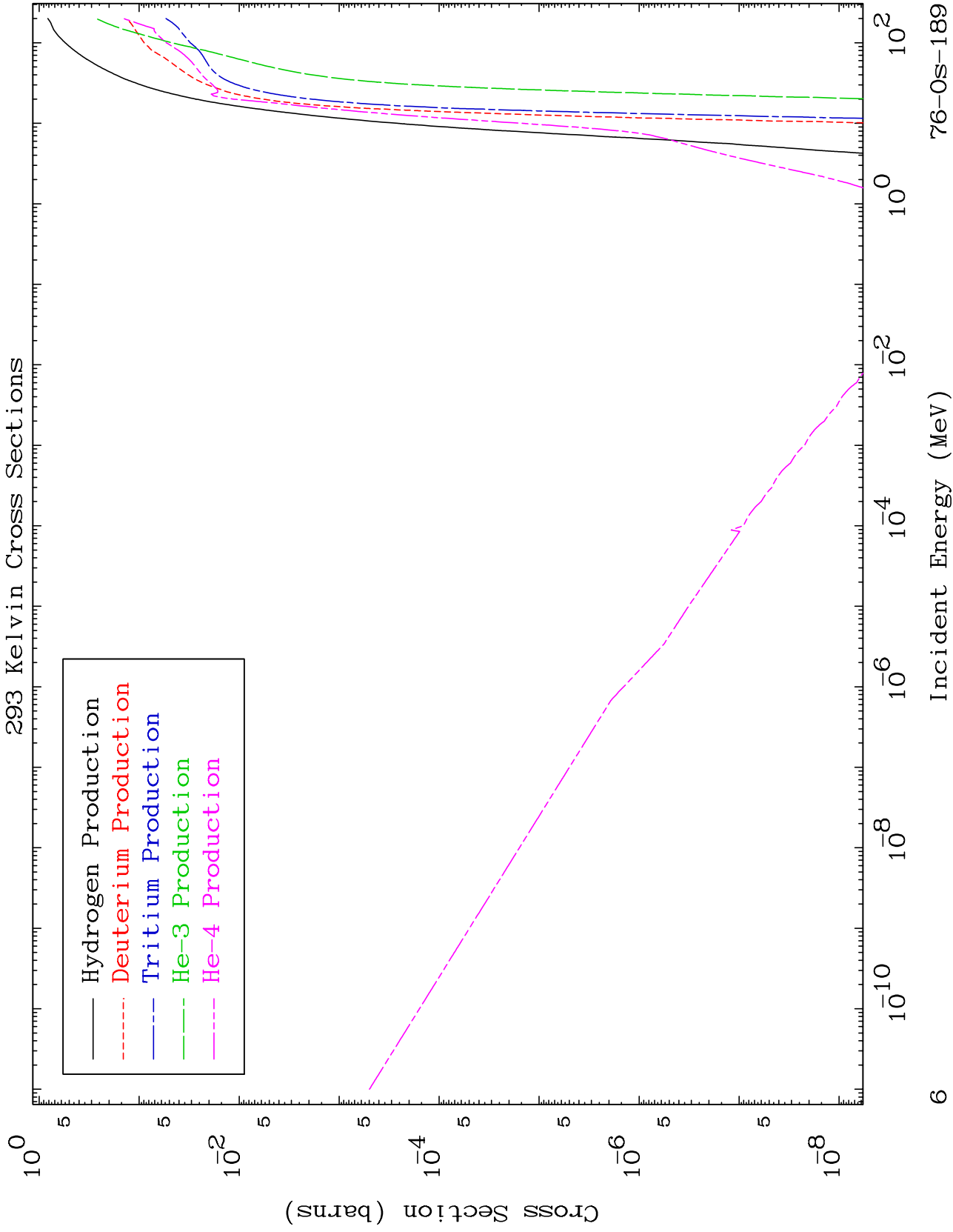
76-Os-189



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Particle Production
293 Kelvin Cross Sections

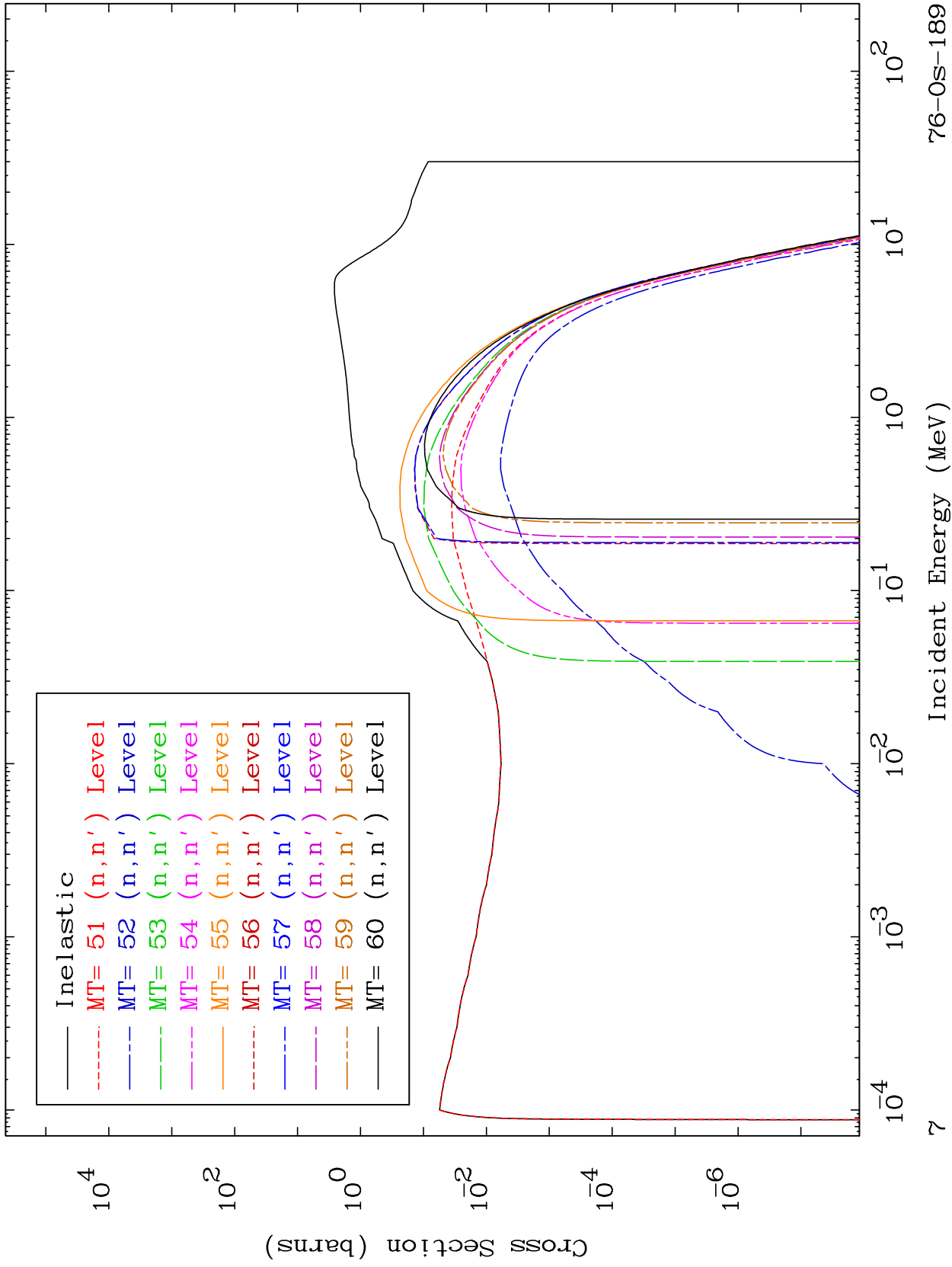
76-Os-189



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(n,n') Level
293 Kelvin Cross Sections

76-Os-189

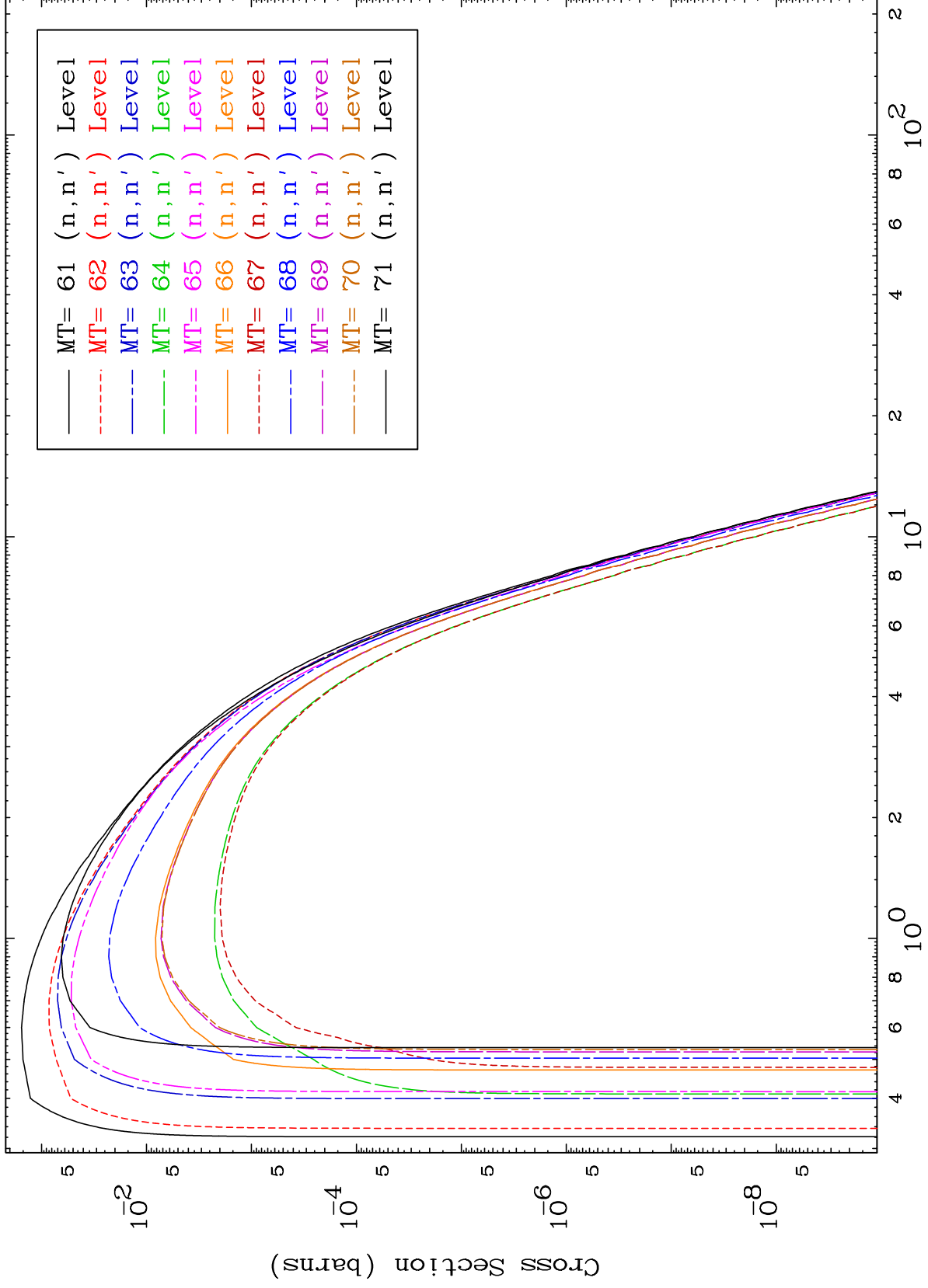


MAT 7641

(n,n') Level

76-Os-189

293 Kelvin Cross Sections



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Incident Energy (MeV)

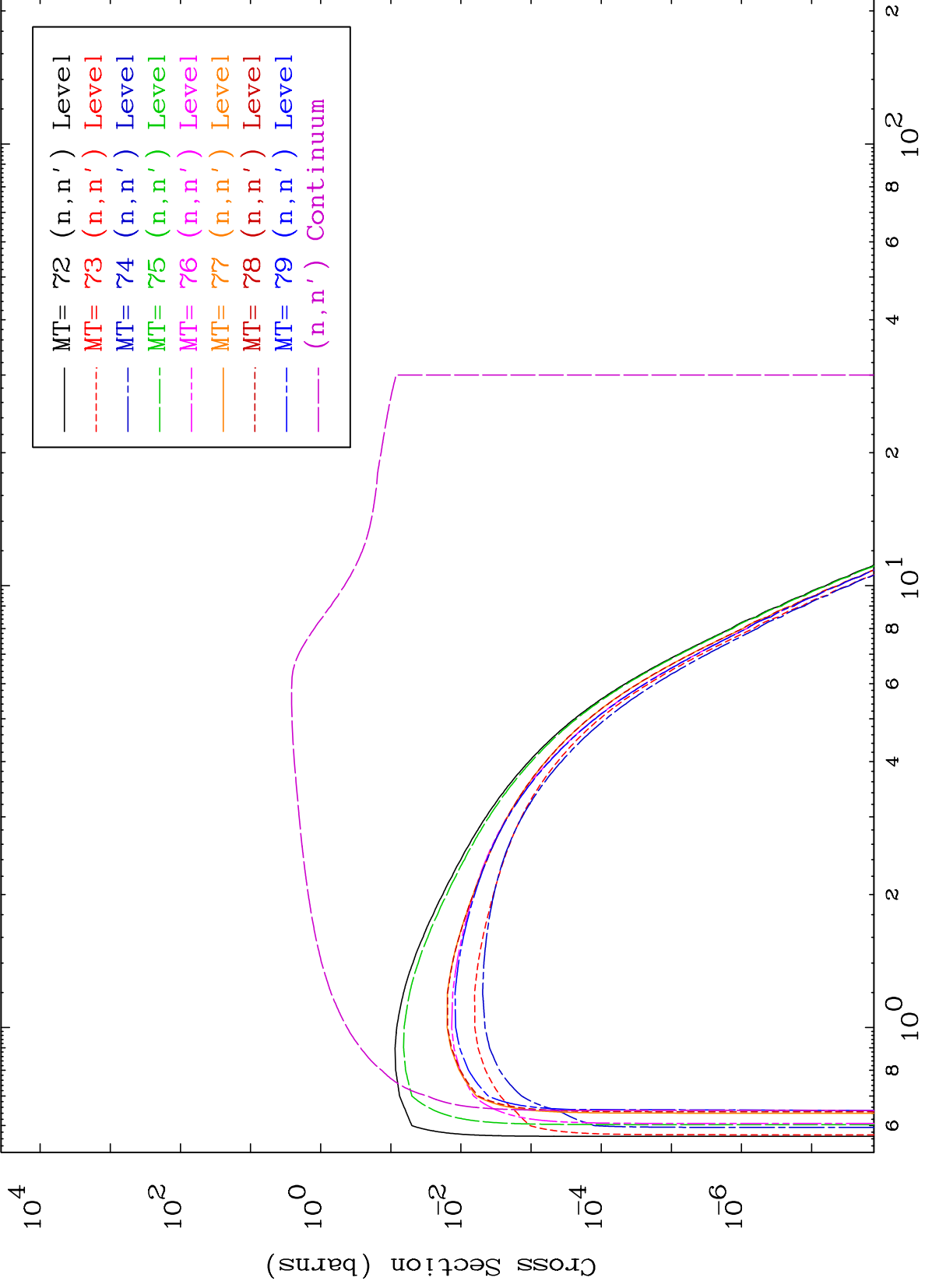
76-Os-189

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(n,n') Level

76-Os-189

293 Kelvin Cross Sections



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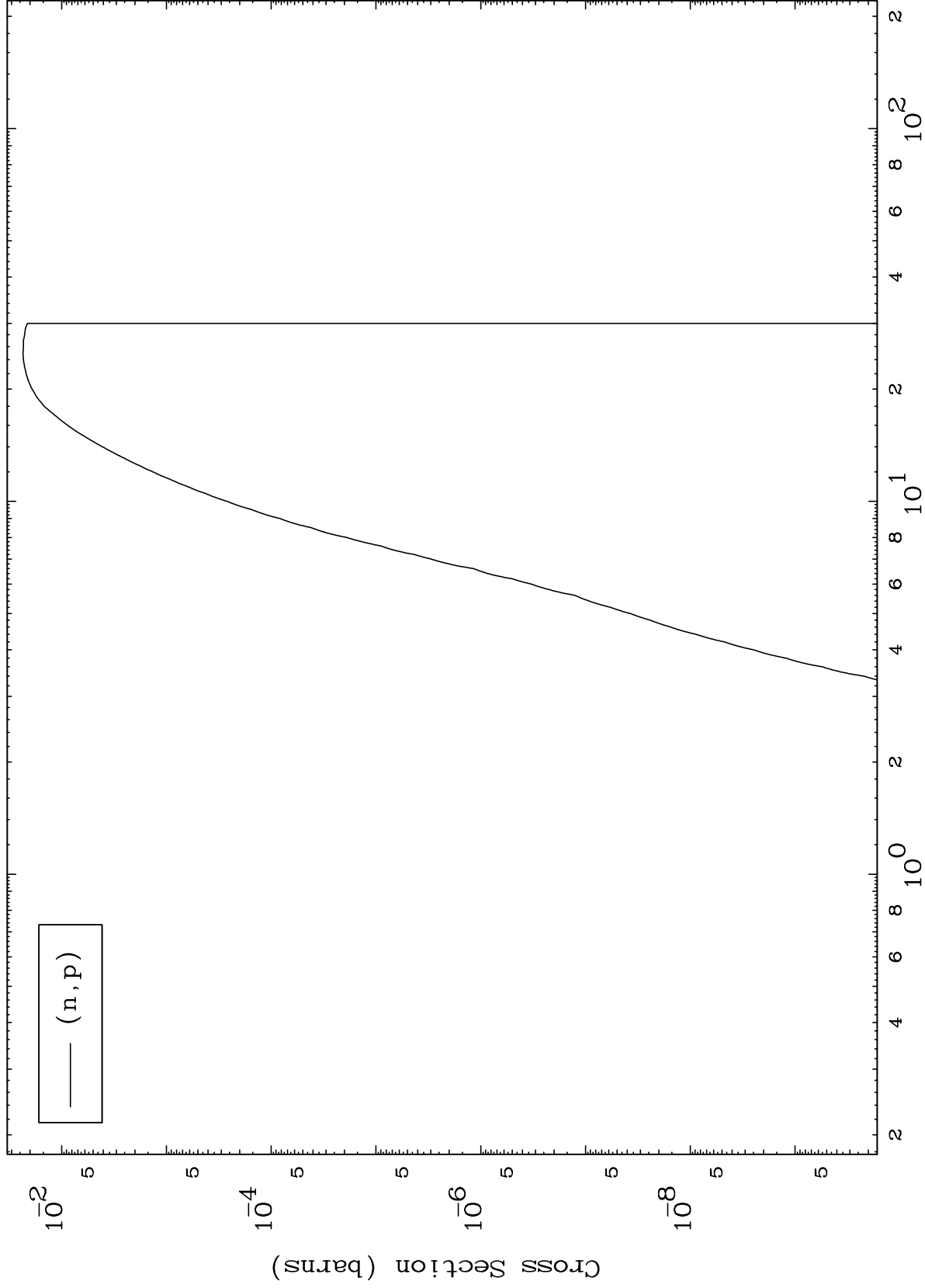
Incident Energy (MeV)

76-Os-189

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(n,p) Levels
293 Kelvin Cross Sections

76-Os-189



Incident Energy (MeV)

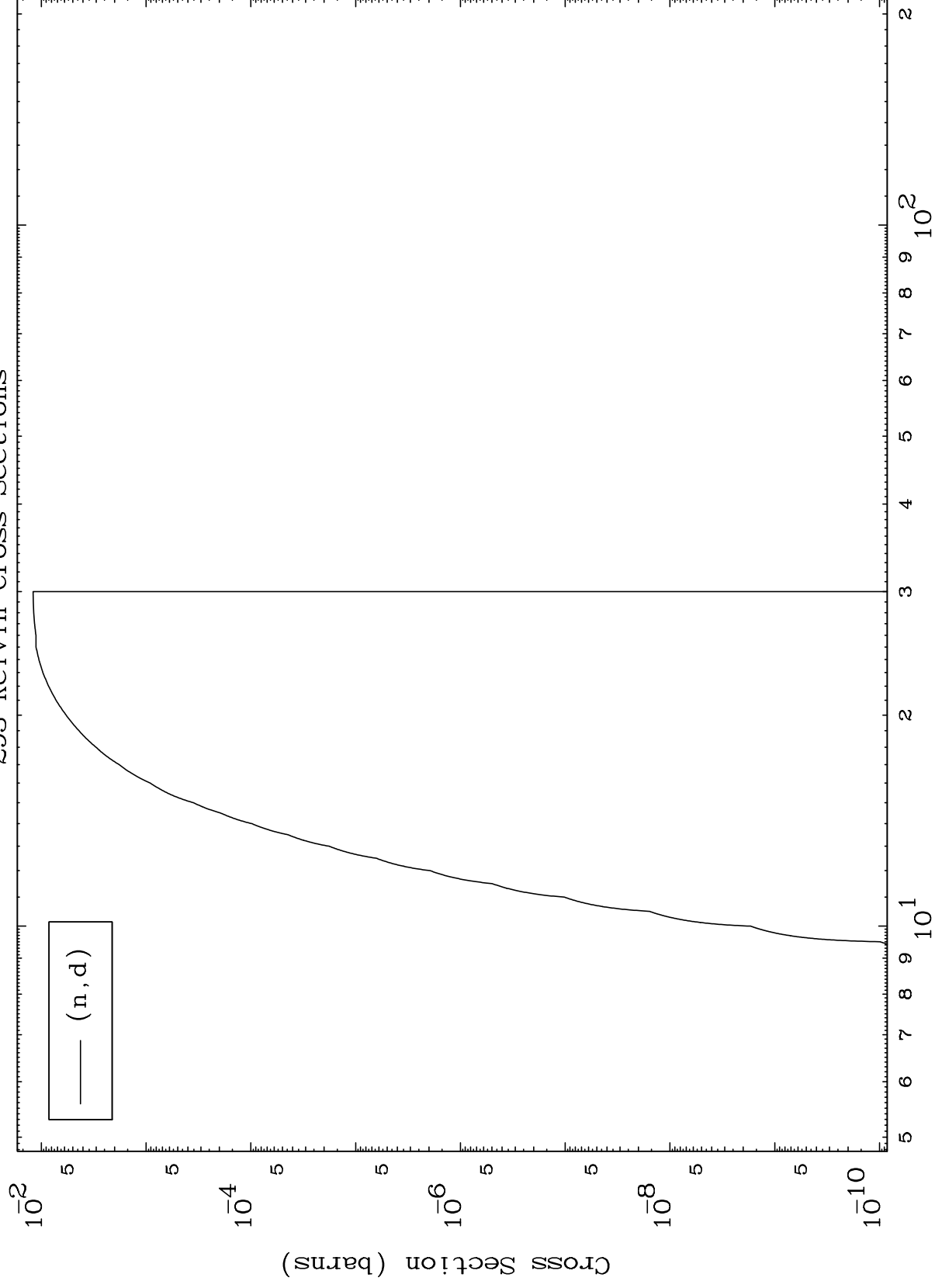
76-Os-189

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(n,d) Levels
293 Kelvin Cross Sections

76-Os-189



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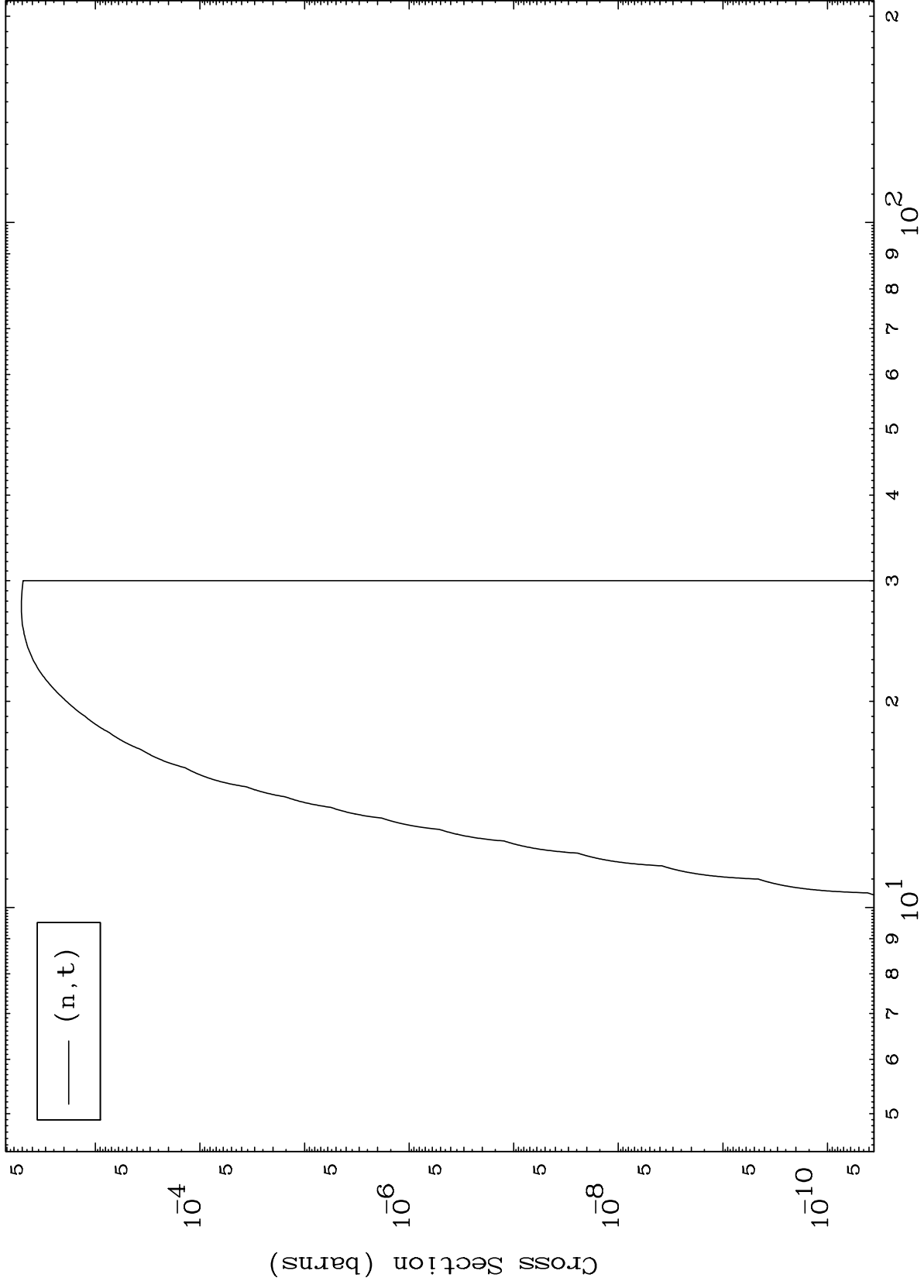
Incident Energy (MeV)

76-Os-189

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(n,t) Levels
293 Kelvin Cross Sections

76-Os-189



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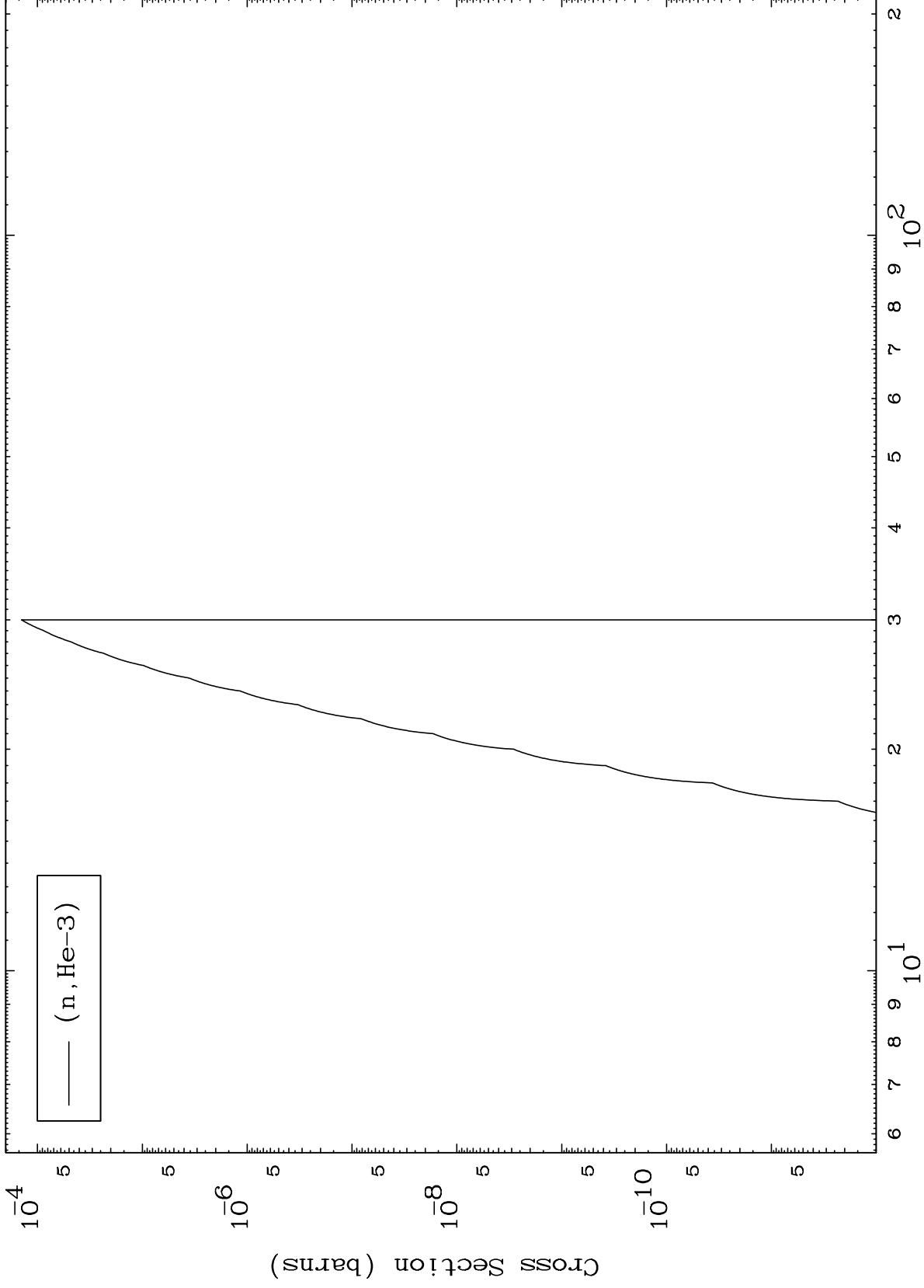
Incident Energy (MeV)

76-Os-189

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(n,He3) Levels
293 Kelvin Cross Sections

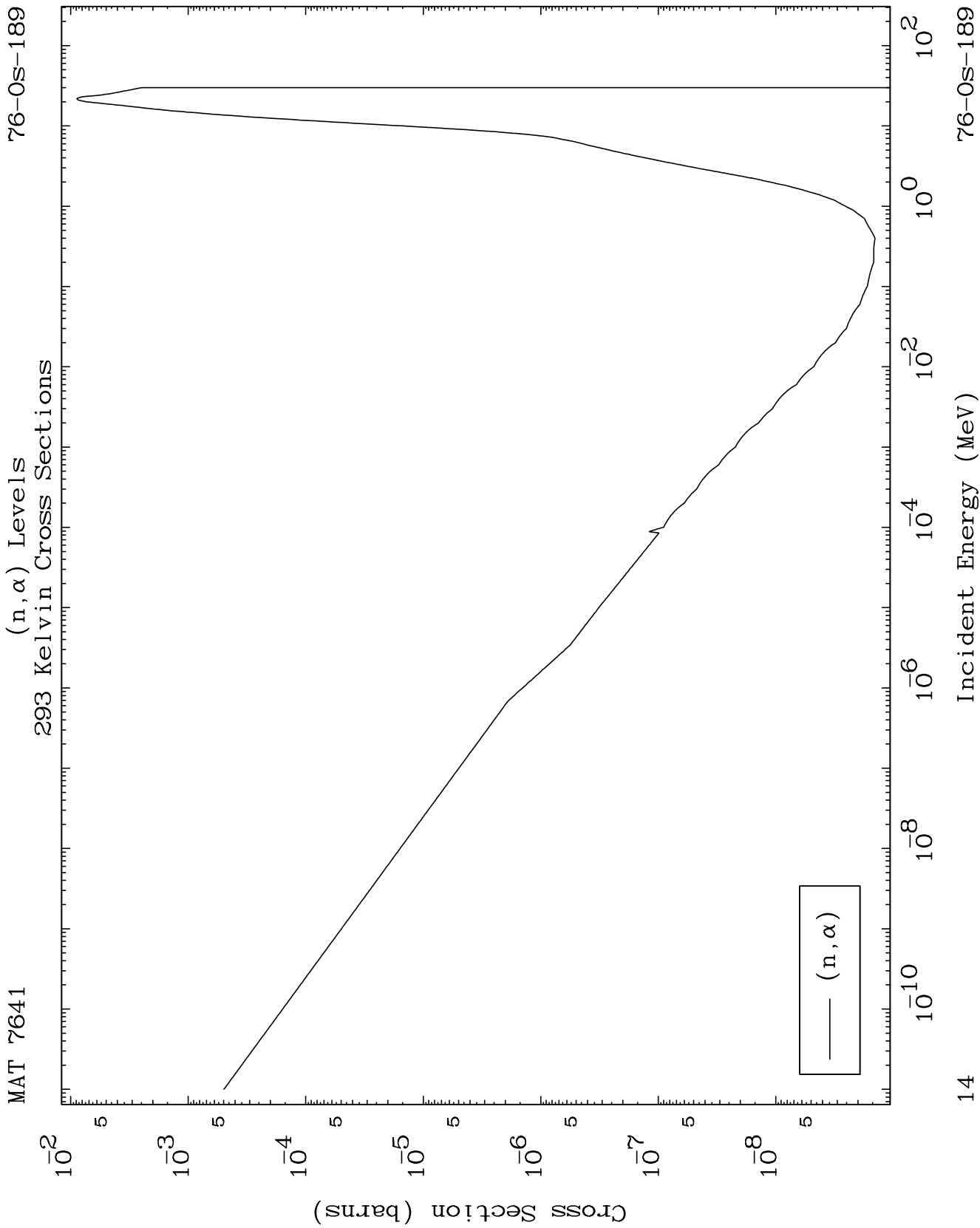
76-Os-189

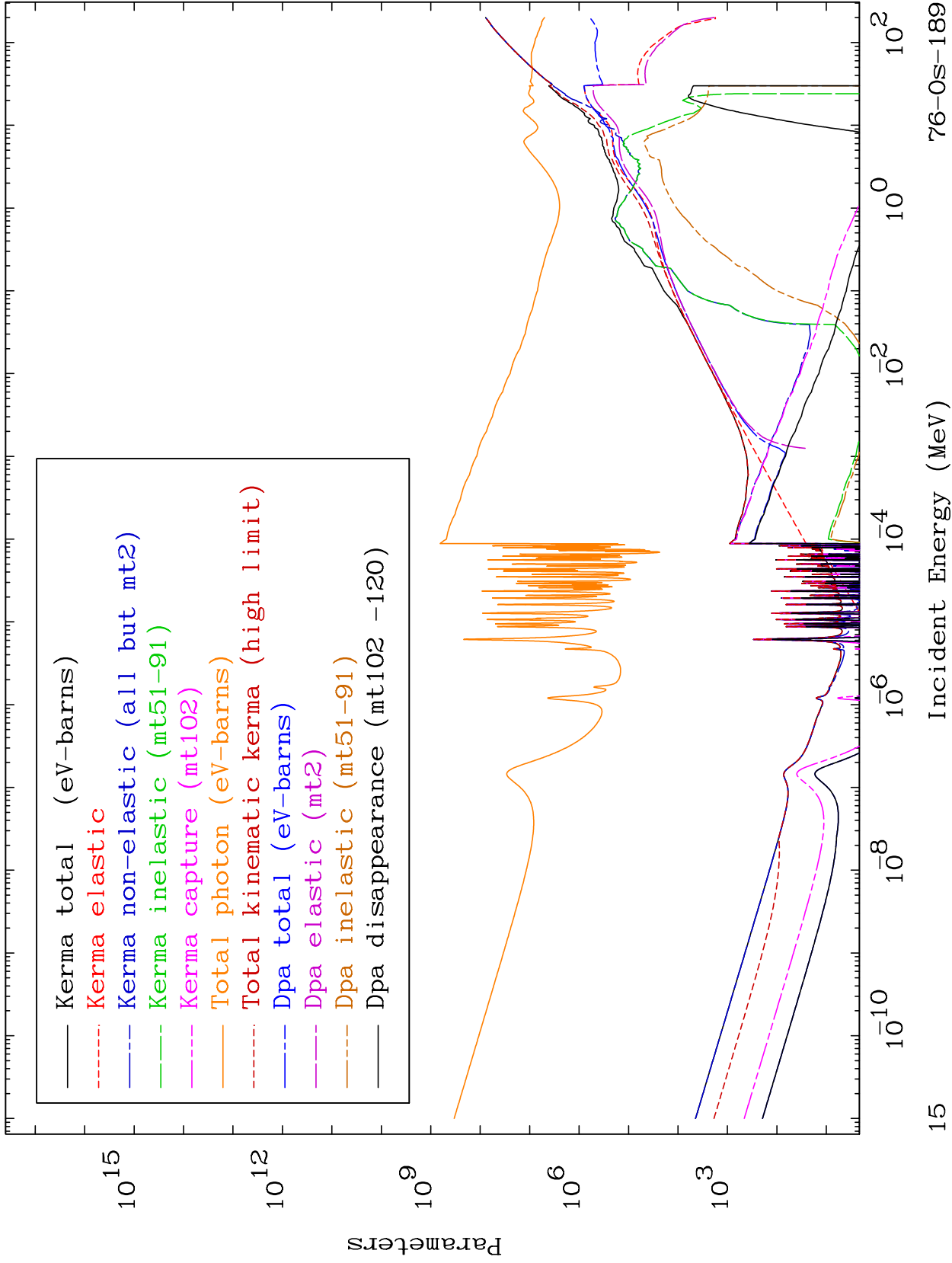


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Incident Energy (MeV)

76-Os-189

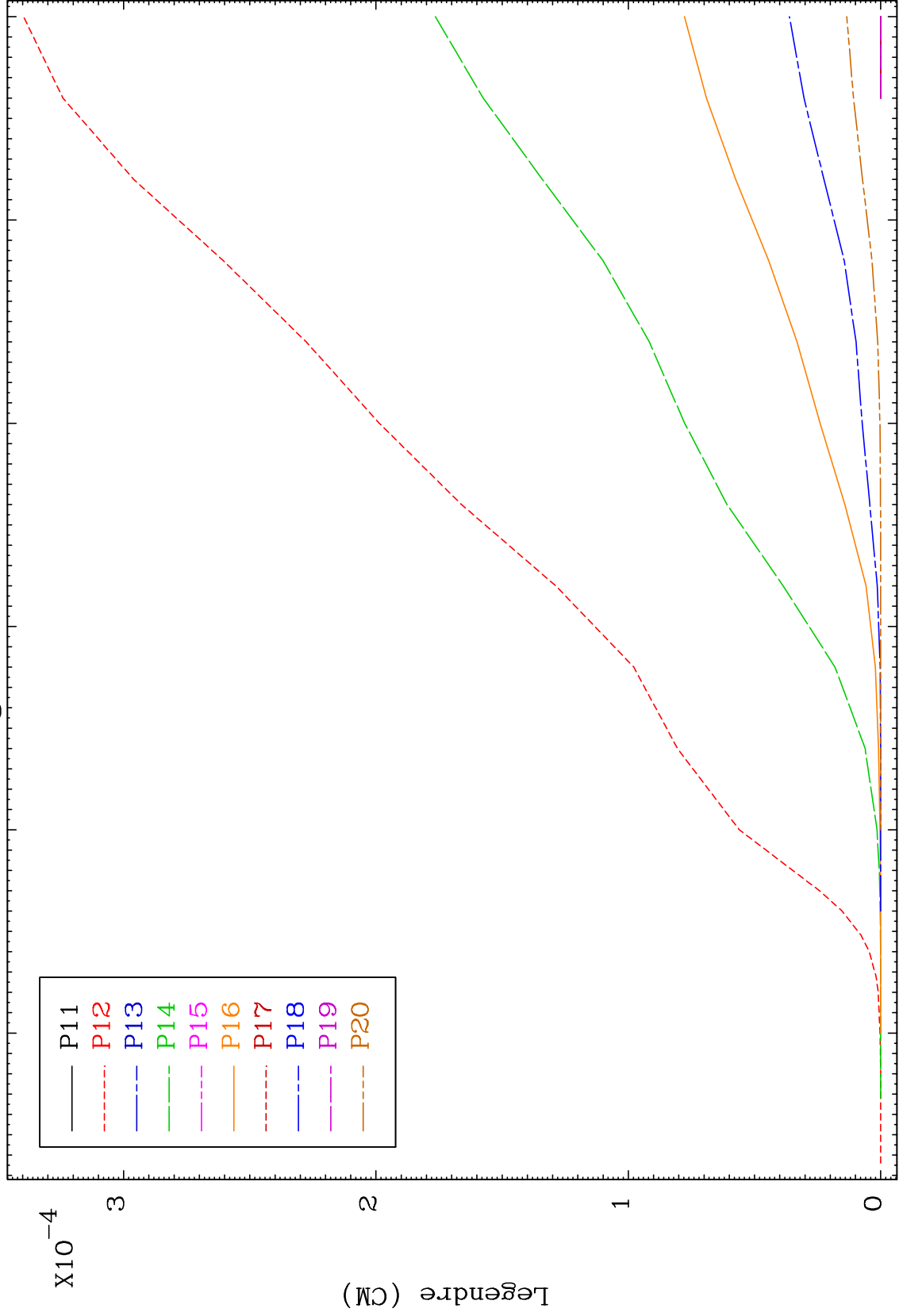




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Elastic
Legendre Coefficients

76-Os-189



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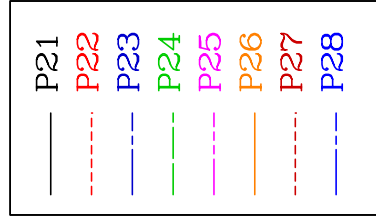
Incident Energy (MeV)

76-Os-189

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Elastic
Legendre Coefficients

76-0s-189



$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

25

30

18

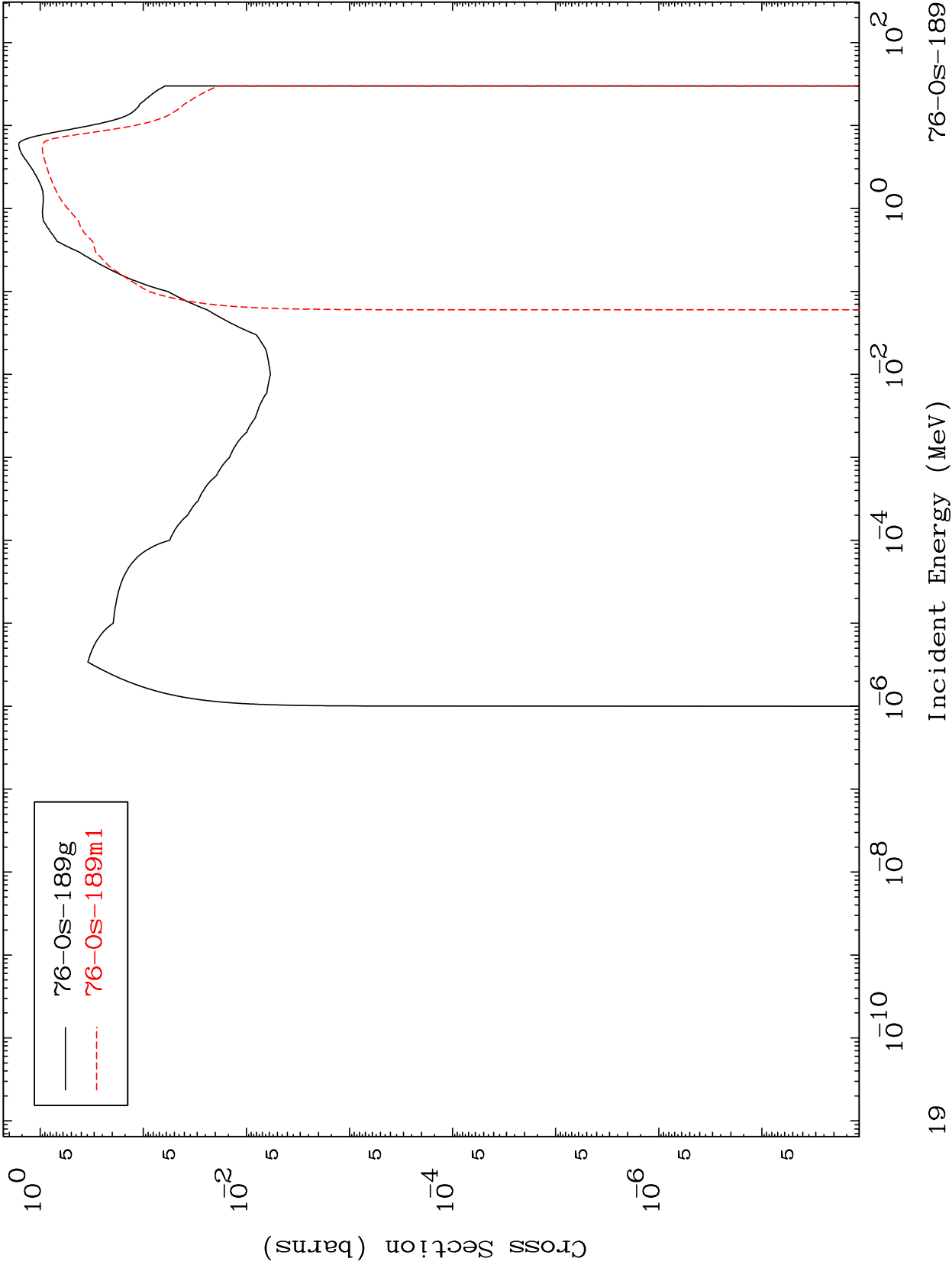
Incident Energy (MeV)

76-0s-189

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76-Os-189

Inelastic
Radionuclide Production Cross Section

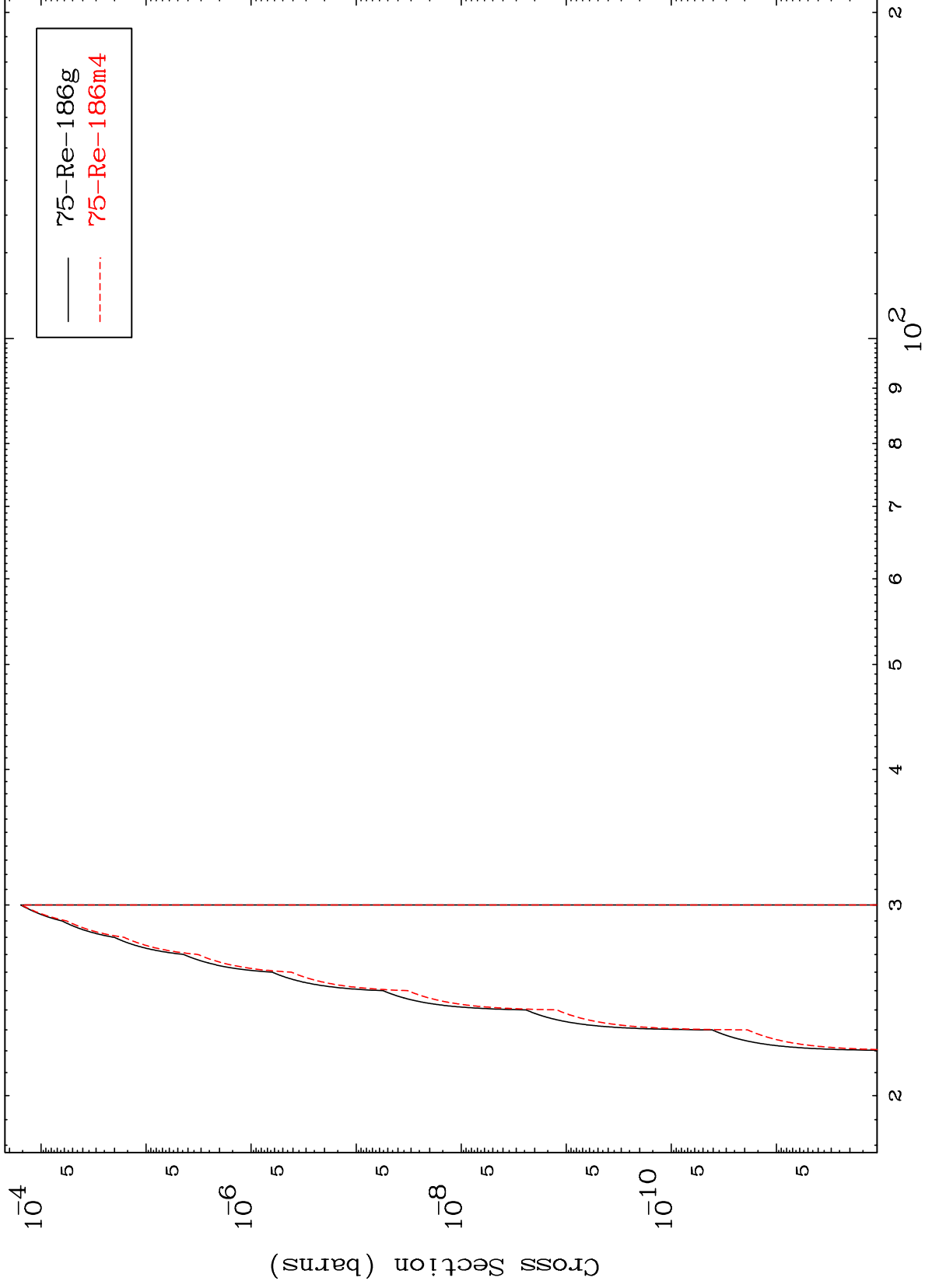


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(n,2n) d

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Radionuclide Production Cross Section



20

Incident Energy (MeV)

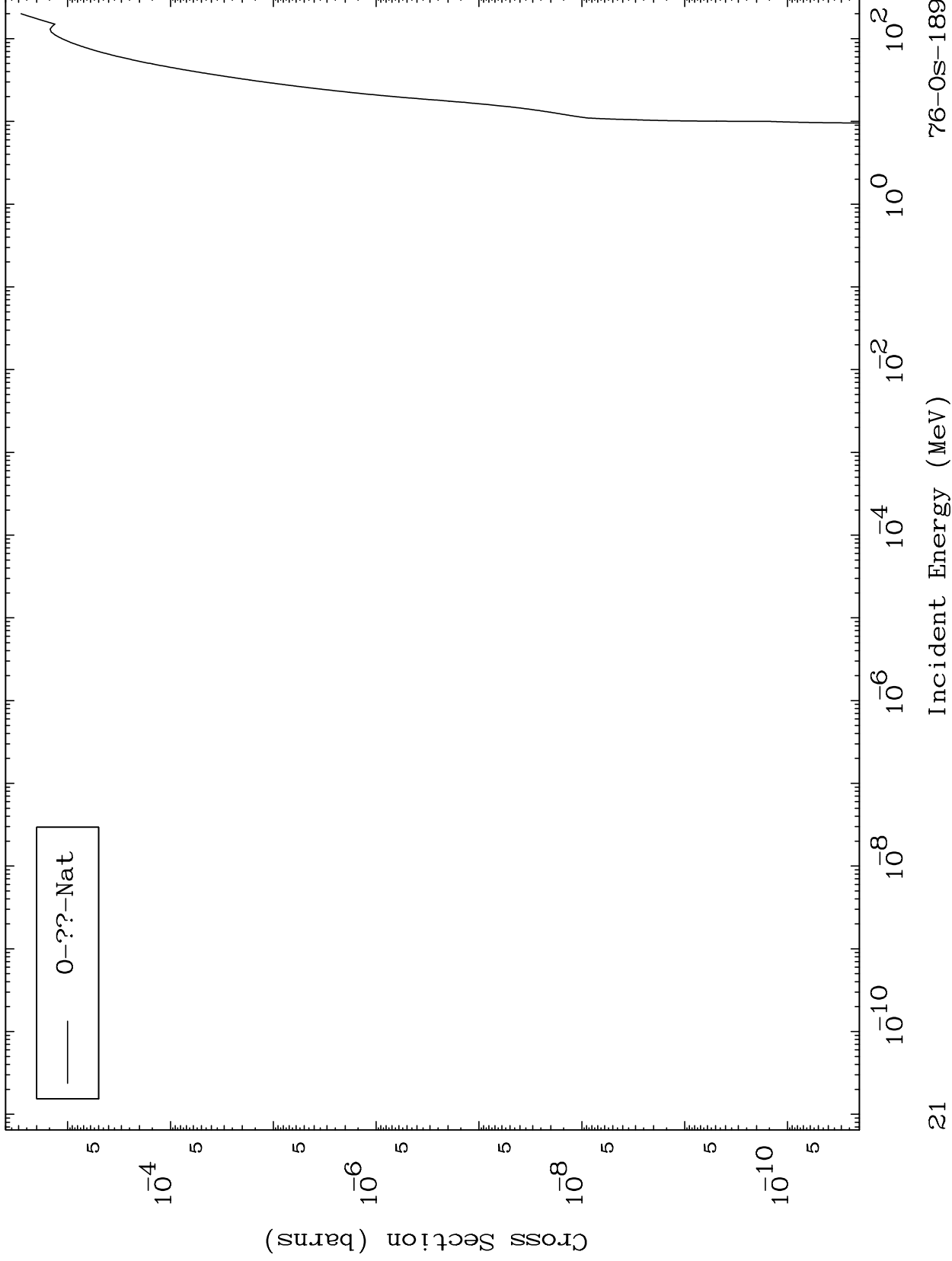
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Fission

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Radionuclide Production Cross Section

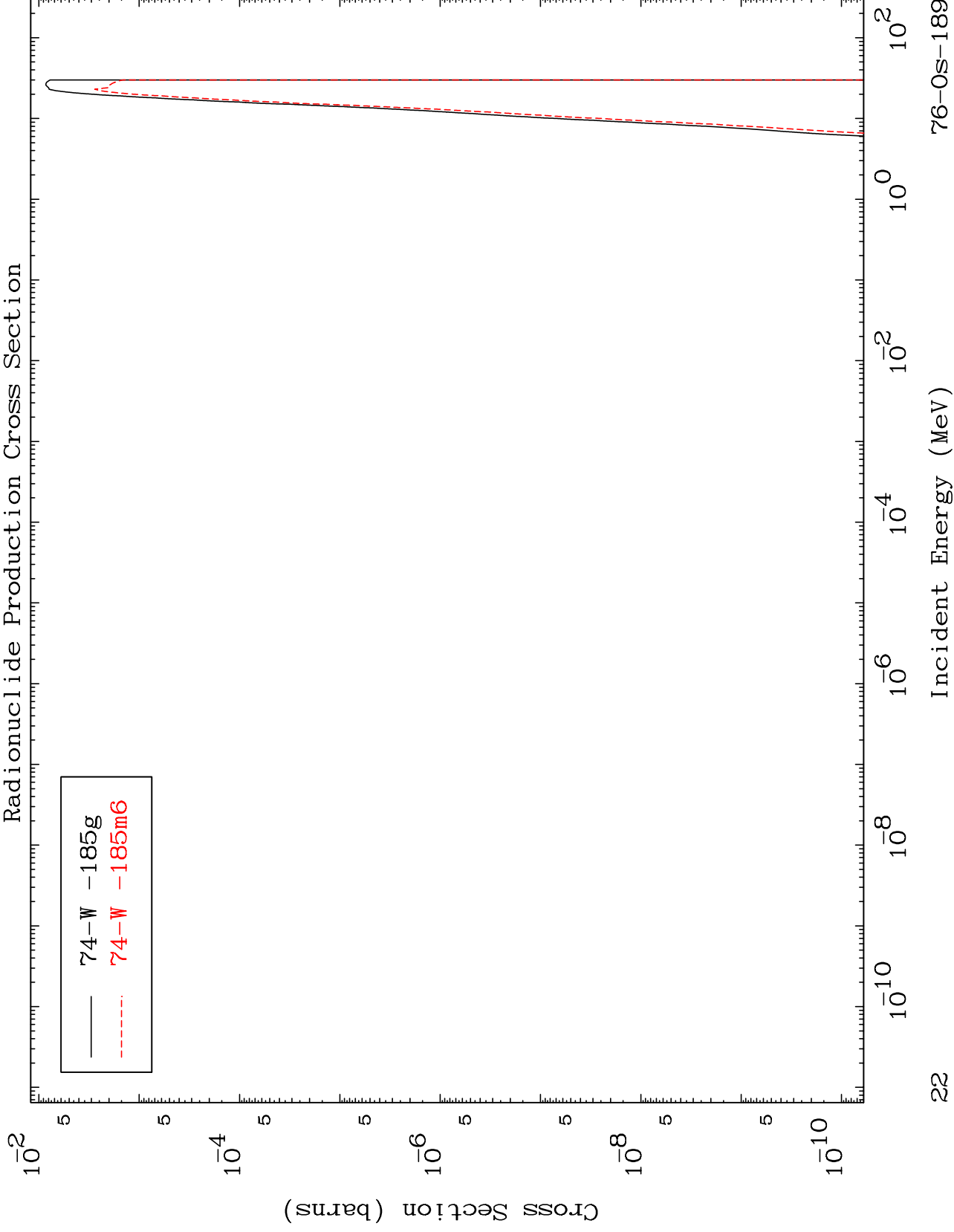


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$(n, n') \alpha$

76-Os-189

Radionuclide Production Cross Section

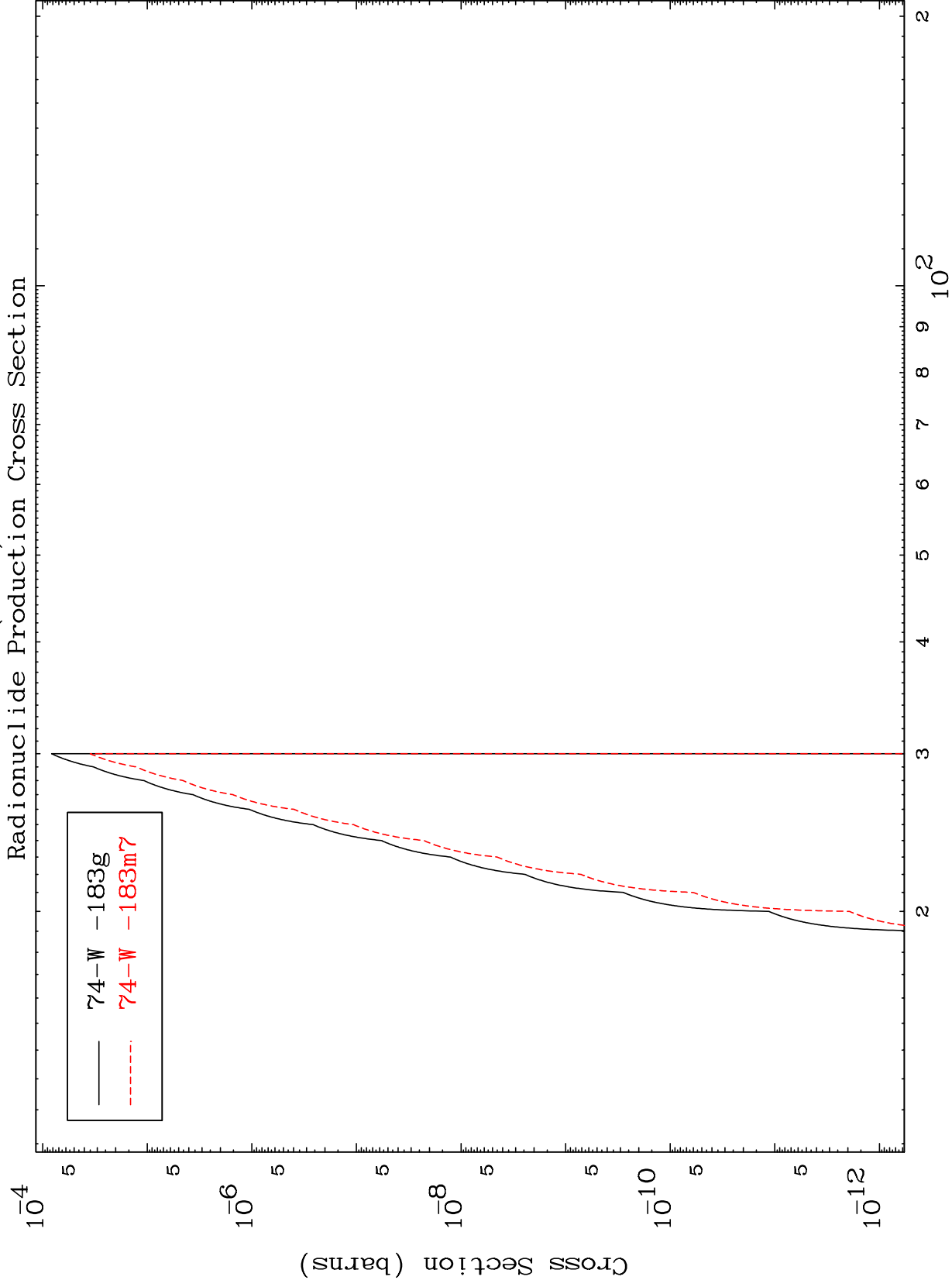


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(n,3n) α

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Radionuclide Production Cross Section



Incident Energy (MeV)

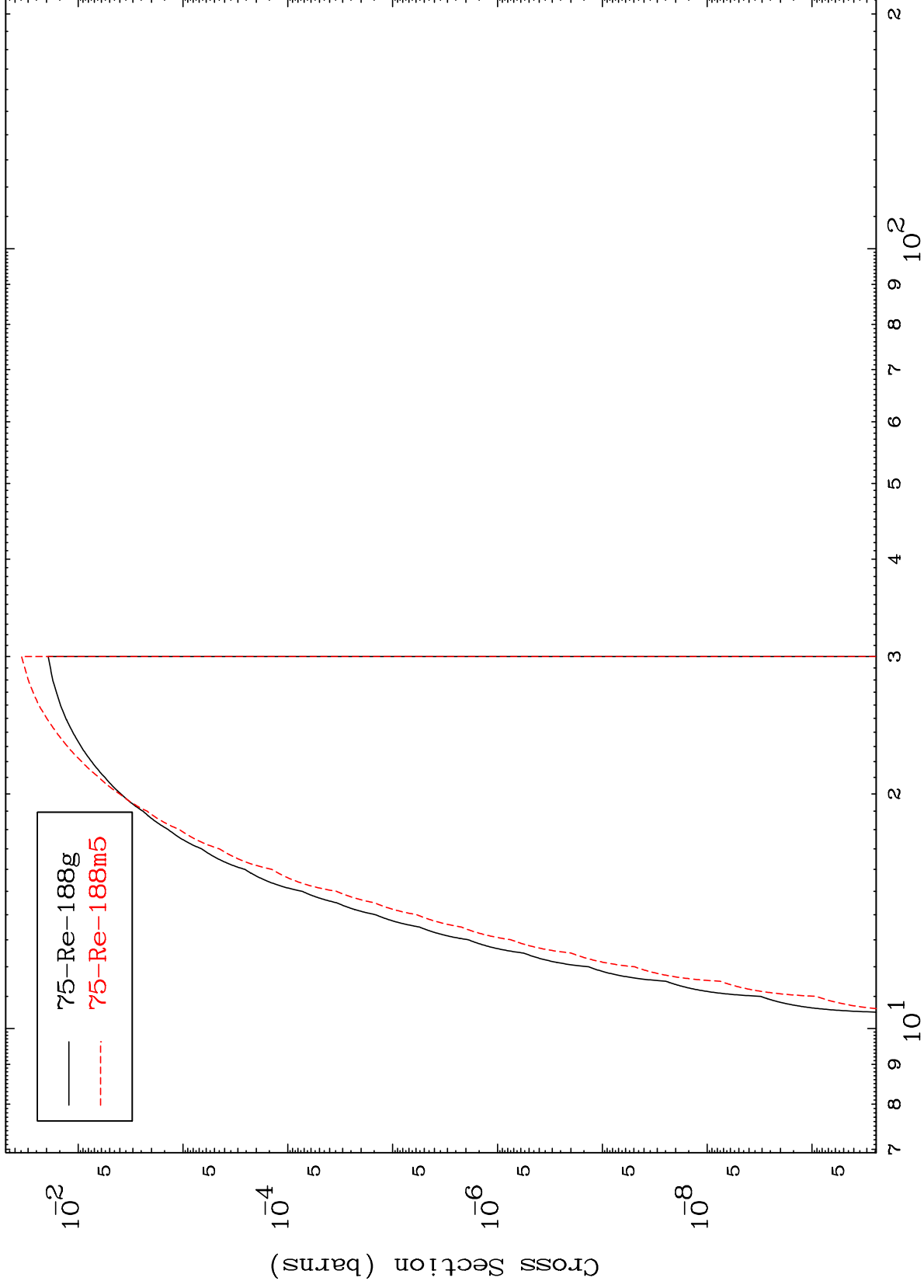
76-Os-189

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76-Os-189

(n,n') p
Radionuclide Production Cross Section



76-Os-189

Incident Energy (MeV)

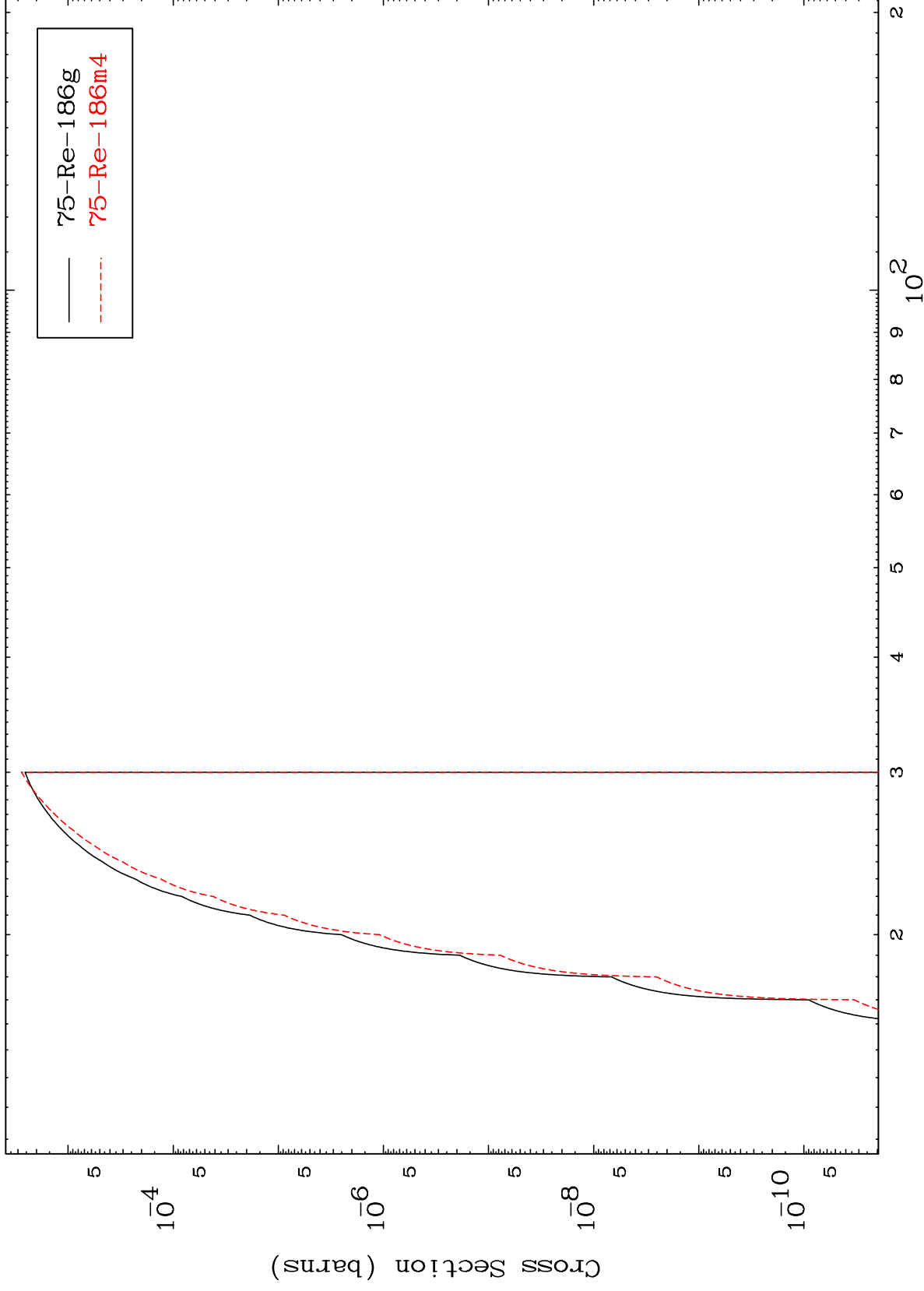
24

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(n,n') t

76-Os-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

76-Os-189

