

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

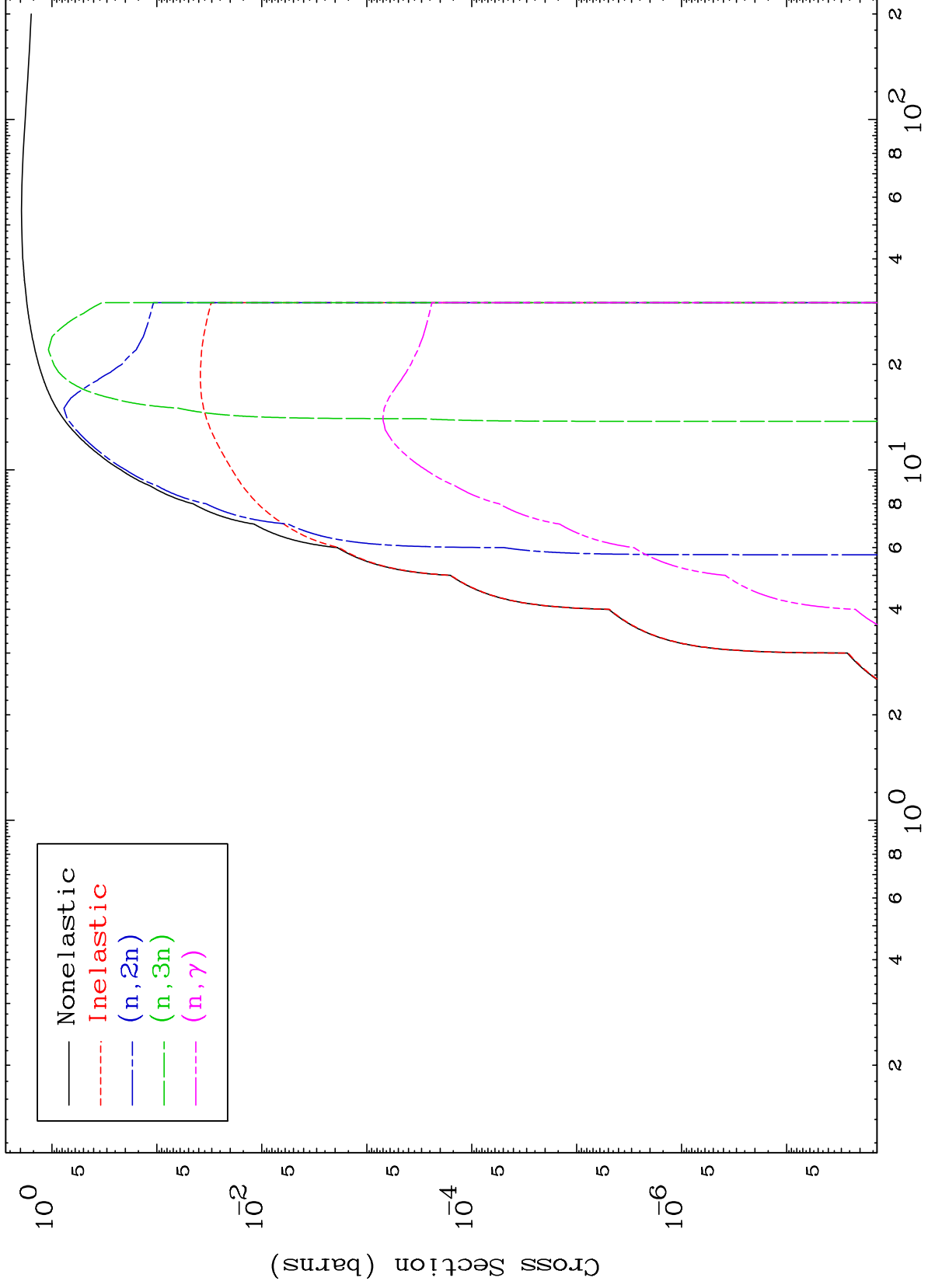
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

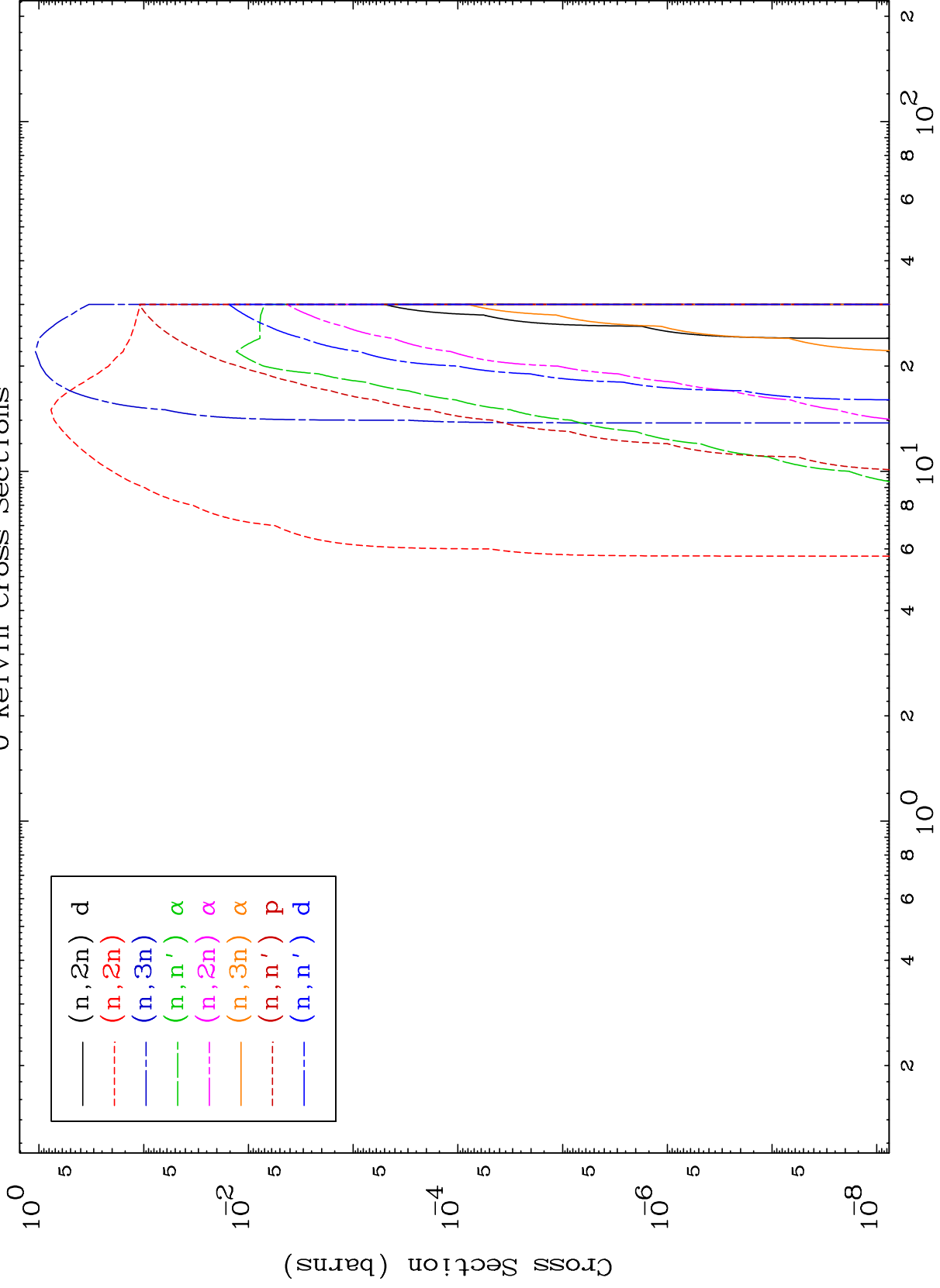
Press Mouse Button to Start



MAT 7537

Proton Neutron Absorption  
0 Kelvin Cross Sections

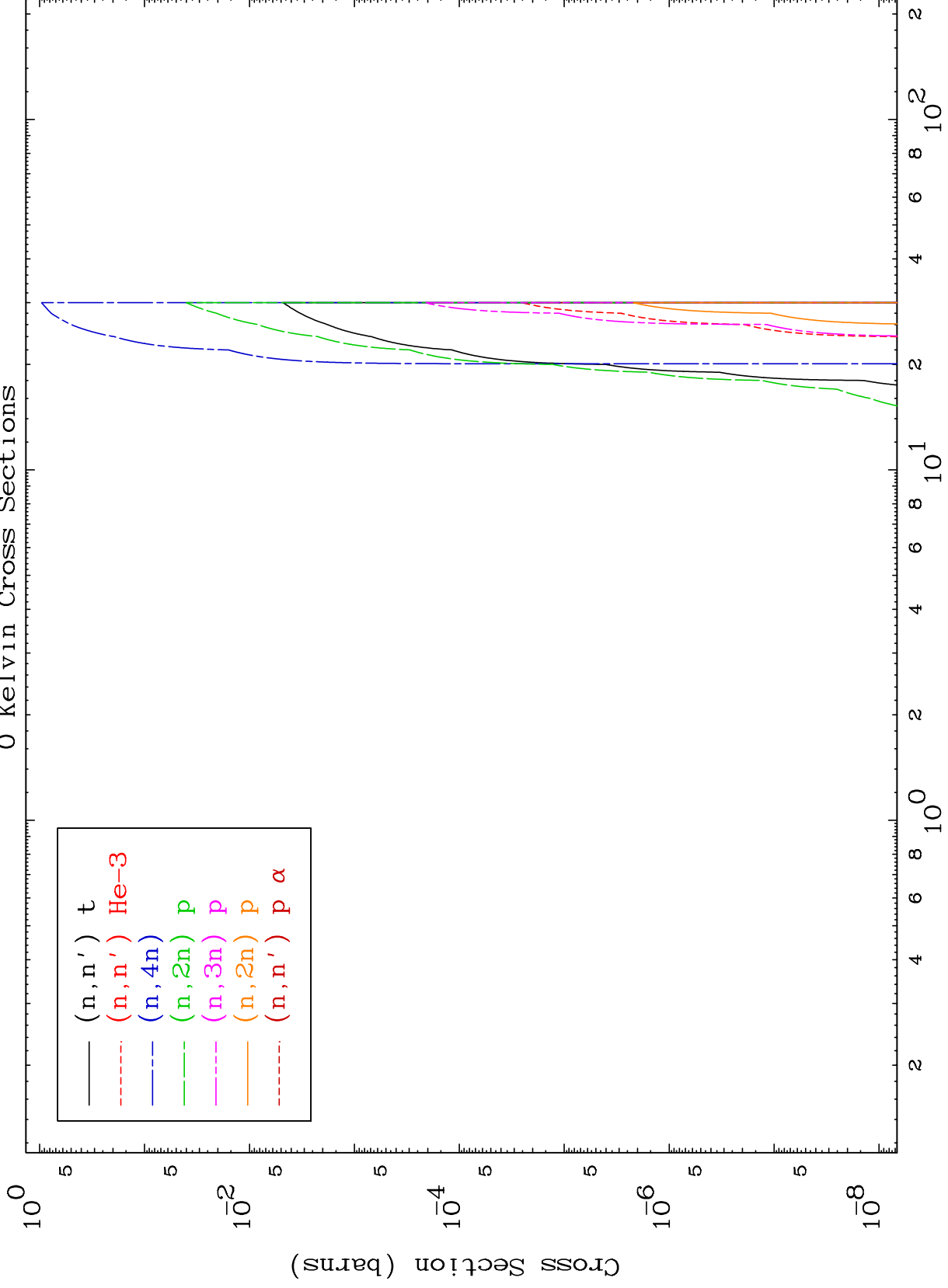
75-Re-189

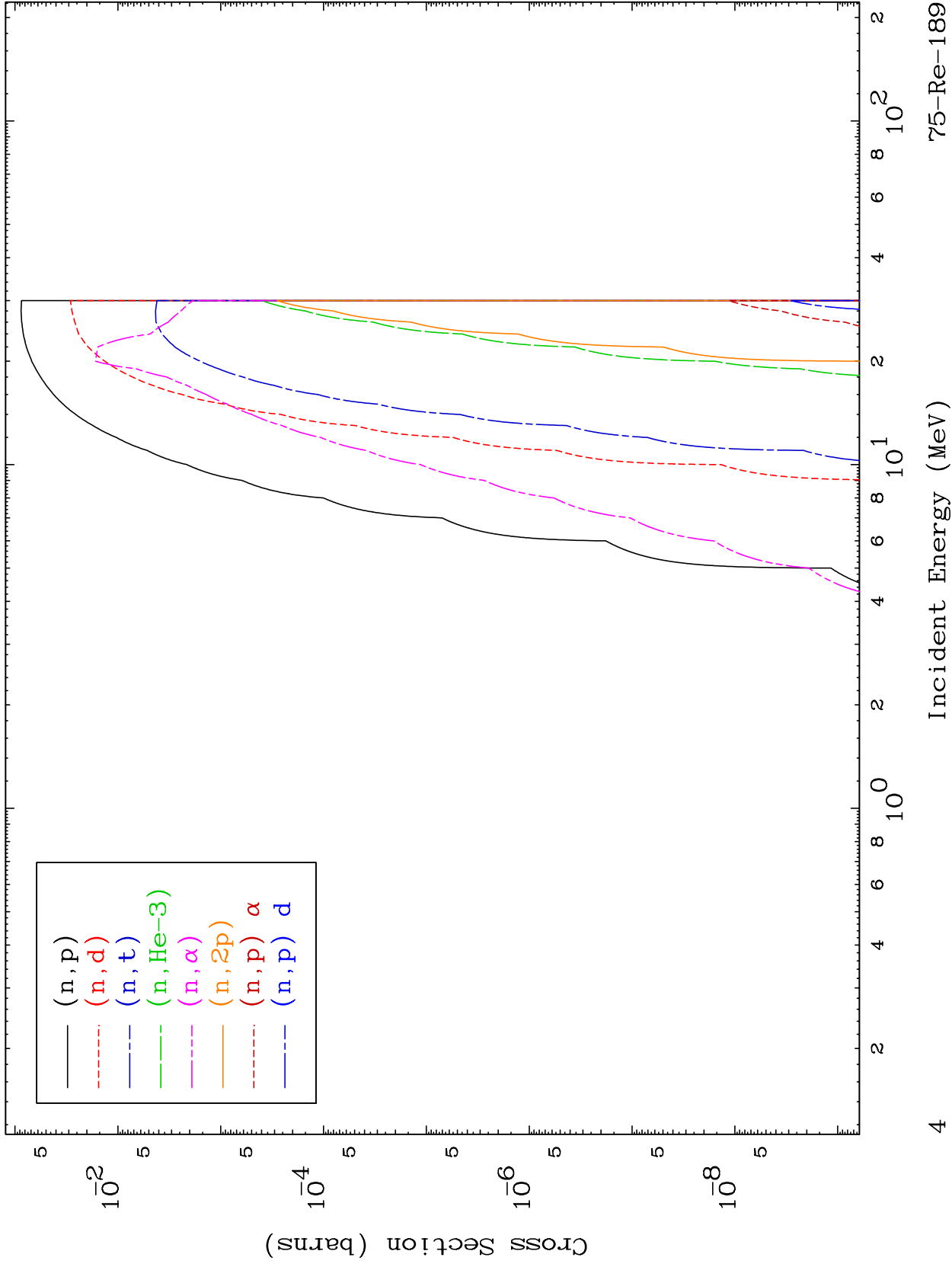


MAT 7537

Proton Neutron Absorption  
0 Kelvin Cross Sections

75-Re-189

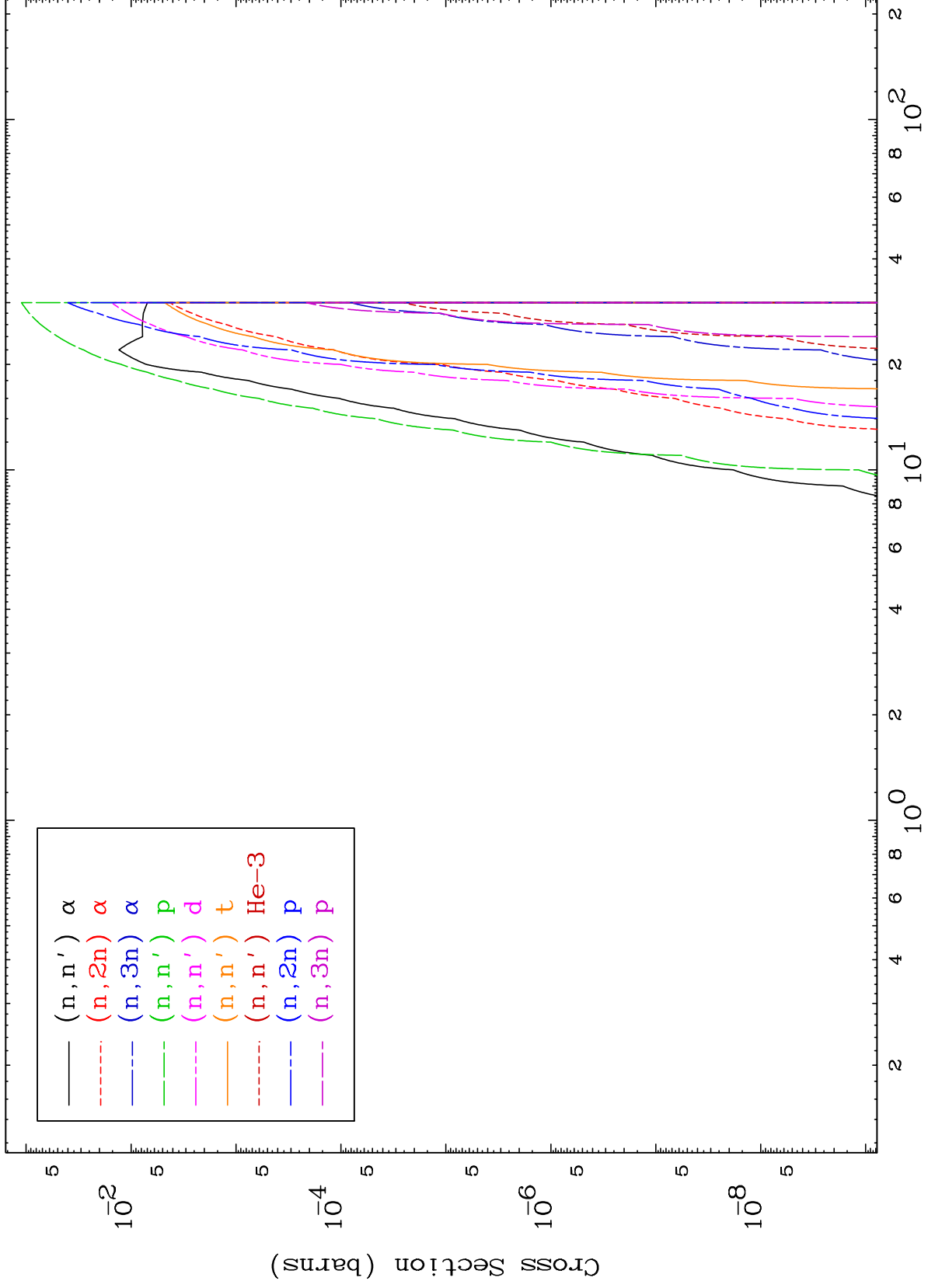




MAT 7537

Proton Charged Particle  
0 Kelvin Cross Sections

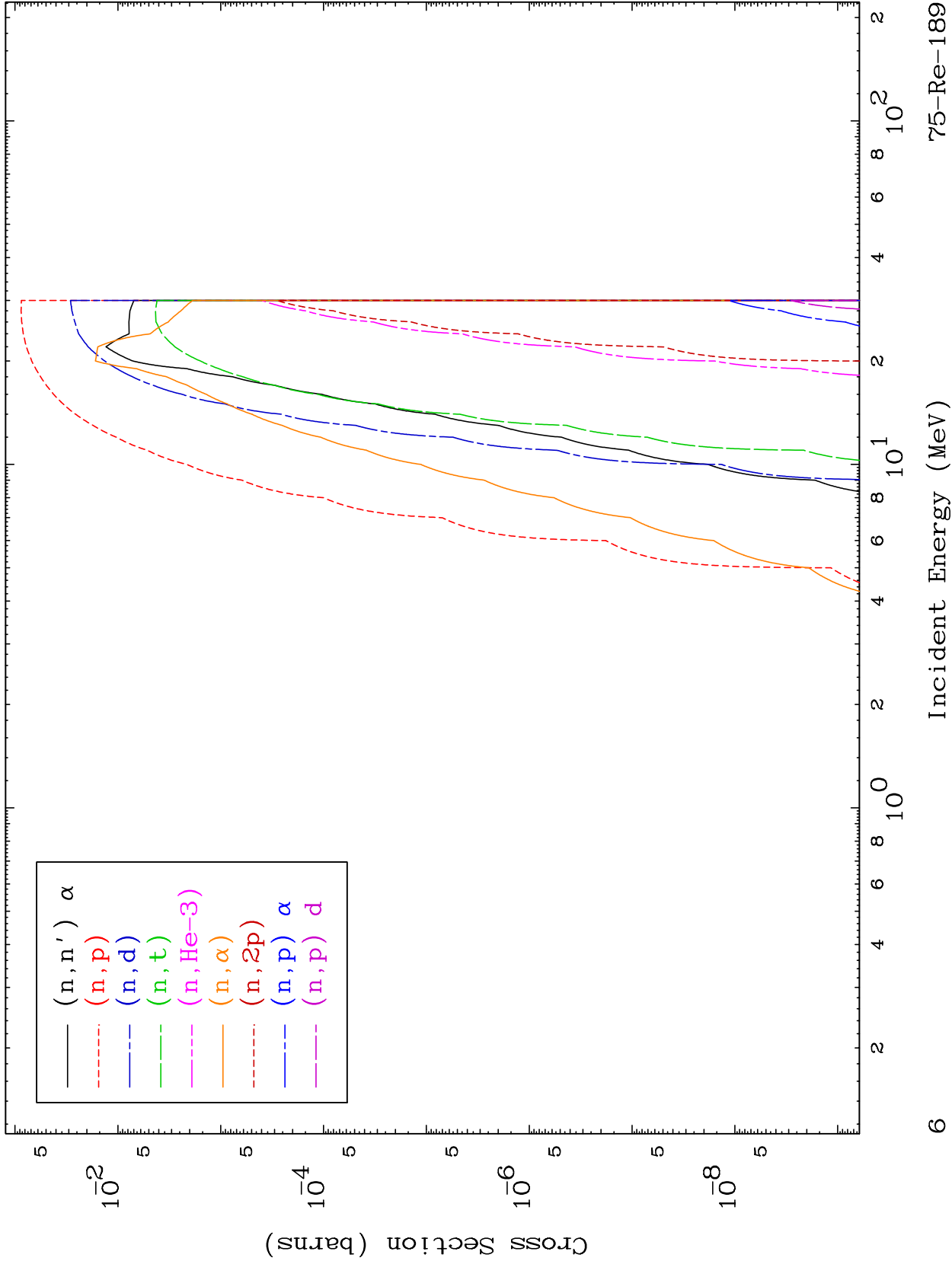
75-Re-189



5

Incident Energy (MeV)

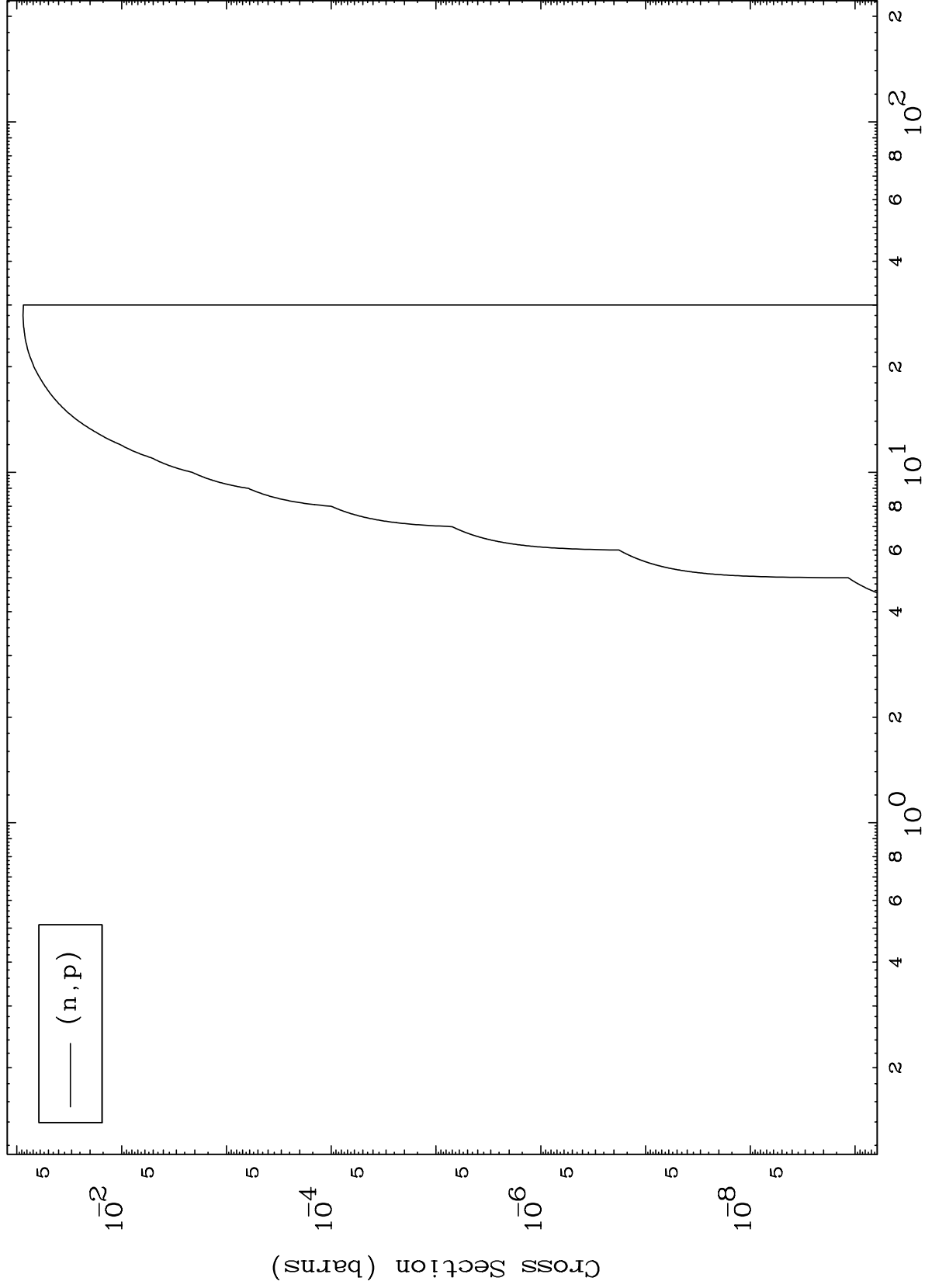
75-Re-189



MAT 7537

(p,p) Levels  
0 Kelvin Cross Sections

75-Re-189



7

Incident Energy (MeV)

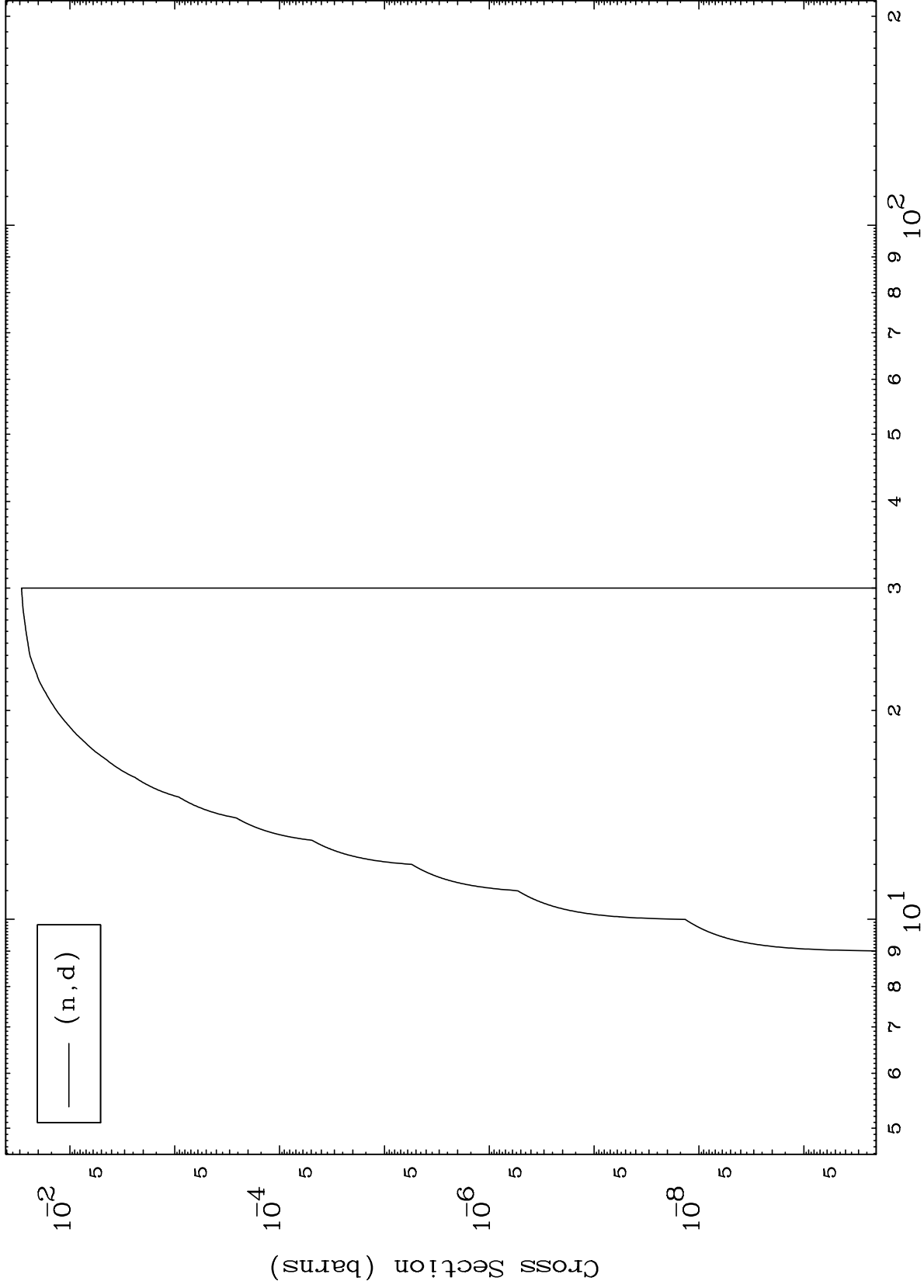
75-Re-189



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(p,d) Levels  
0 Kelvin Cross Sections

75-Re-189



8

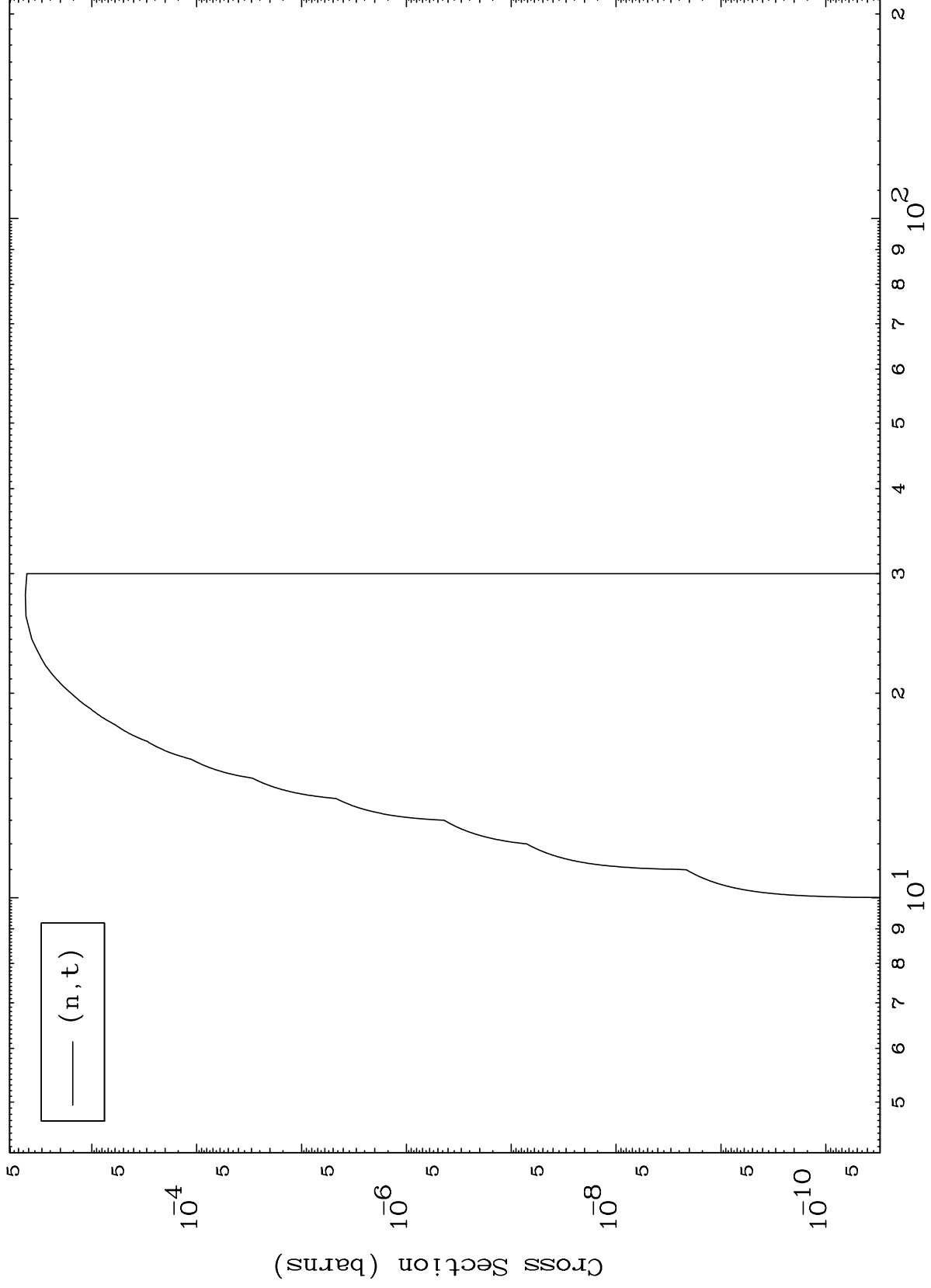
Incident Energy (MeV)

75-Re-189

MAT 7537

(p, t) Levels  
0 Kelvin Cross Sections

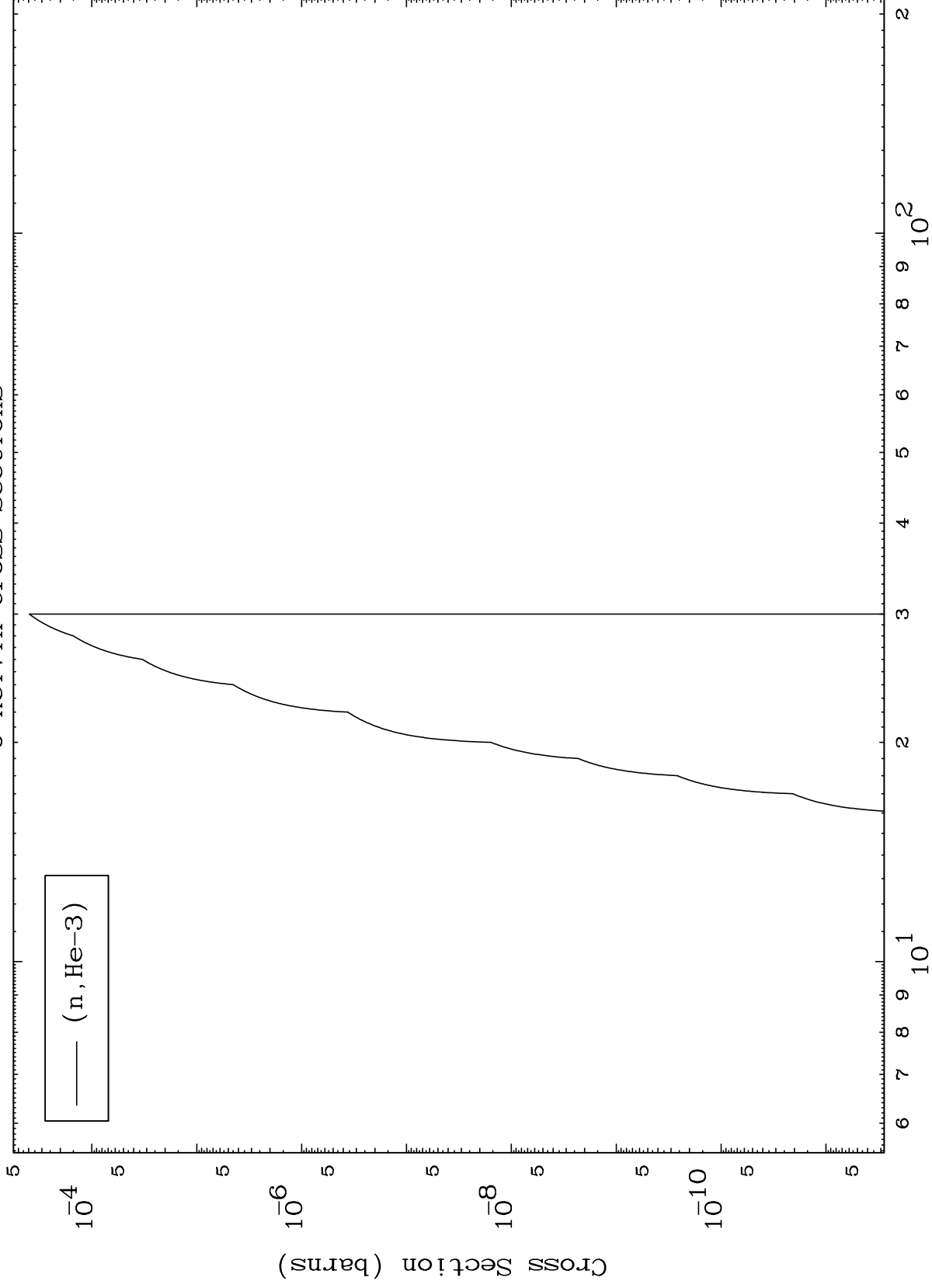
75-Re-189



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(p,He3) Levels  
0 Kelvin Cross Sections

75-Re-189



10

Incident Energy (MeV)

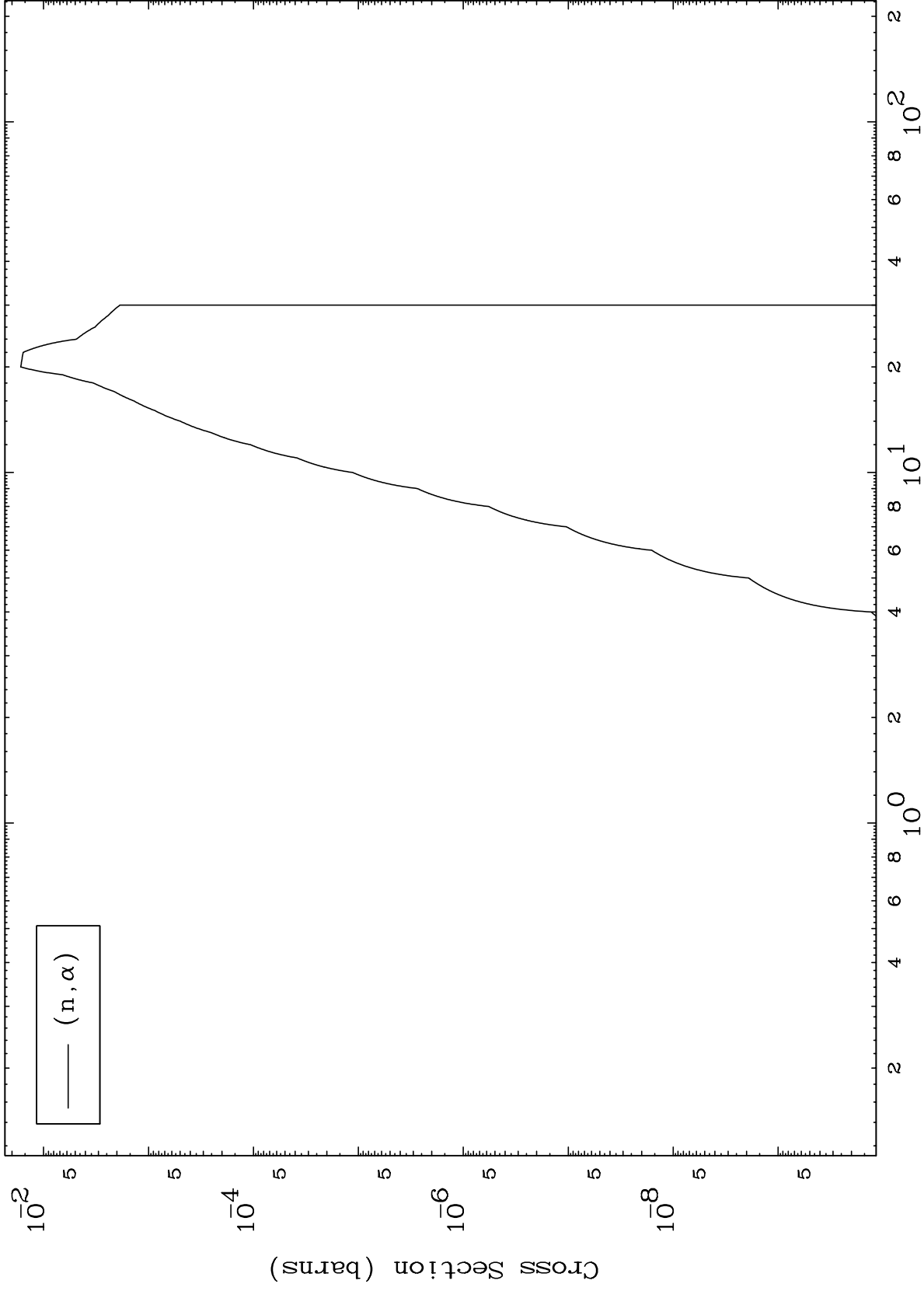
75-Re-189

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(p,  $\alpha$ ) Levels

75-Re-189

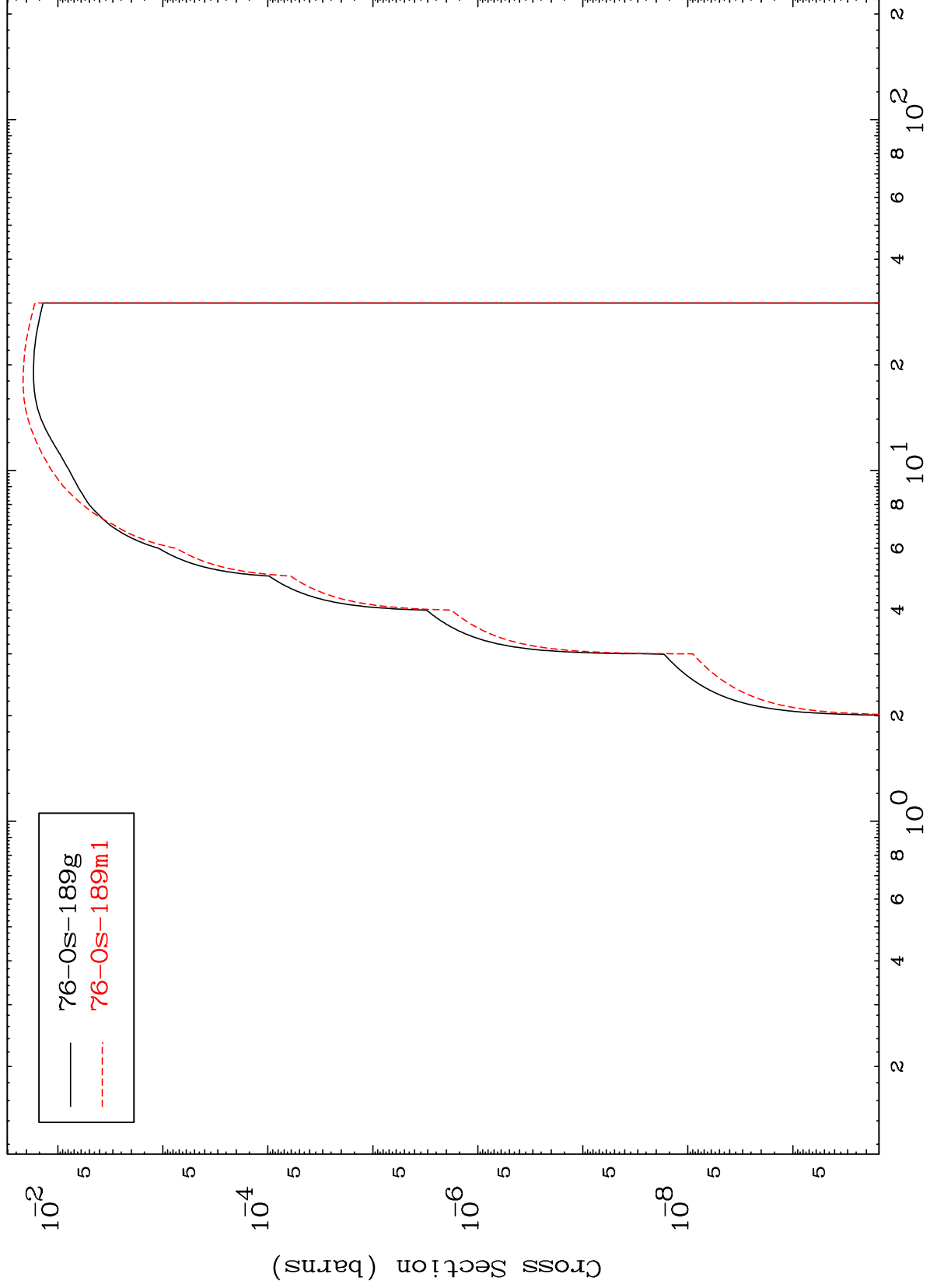
0 Kelvin Cross Sections



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75-Re-189

Inelastic  
Radionuclide Production Cross Section



12

75-Re-189

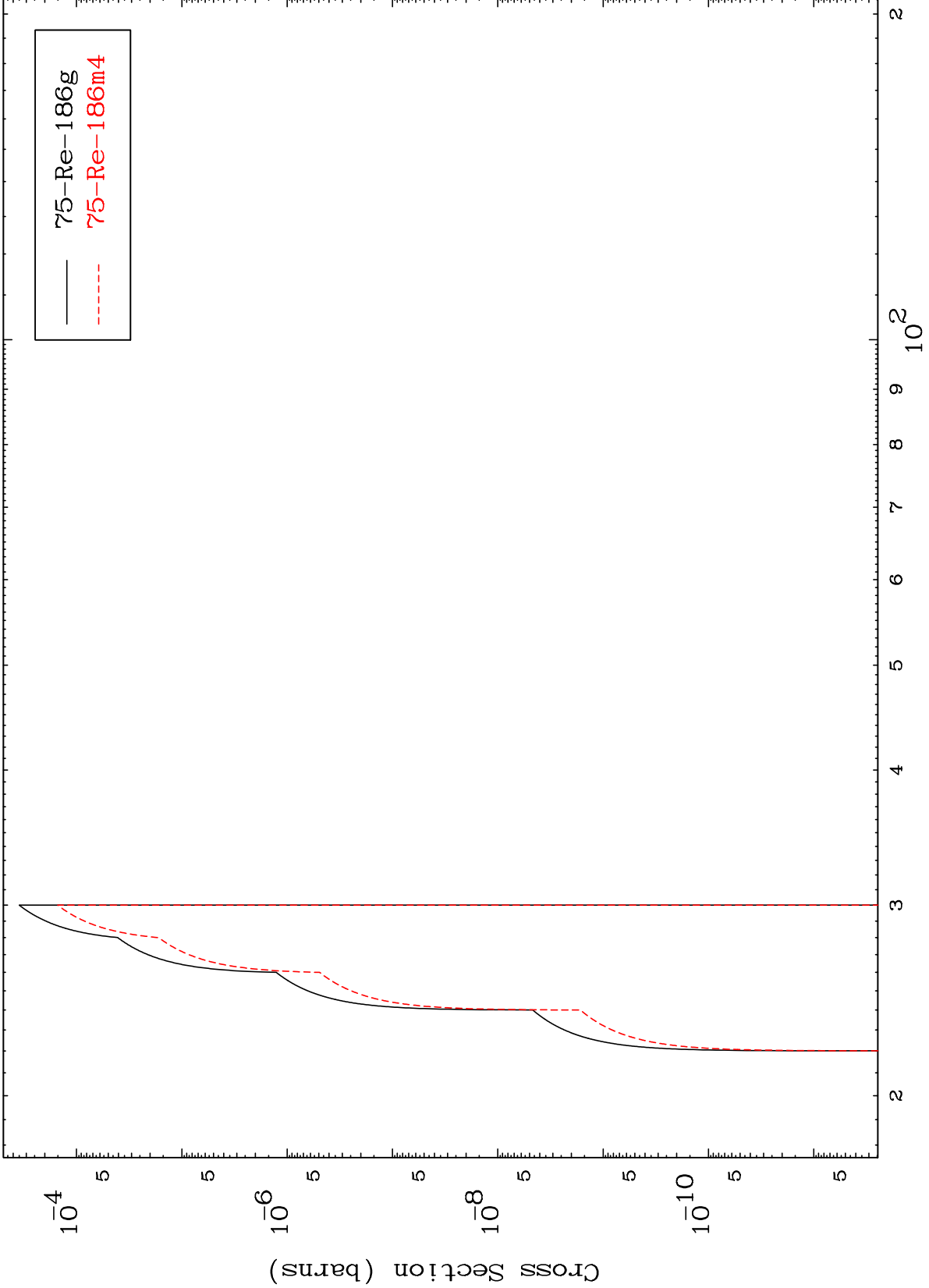
Incident Energy (MeV)

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(n,2n) d

75-Re-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

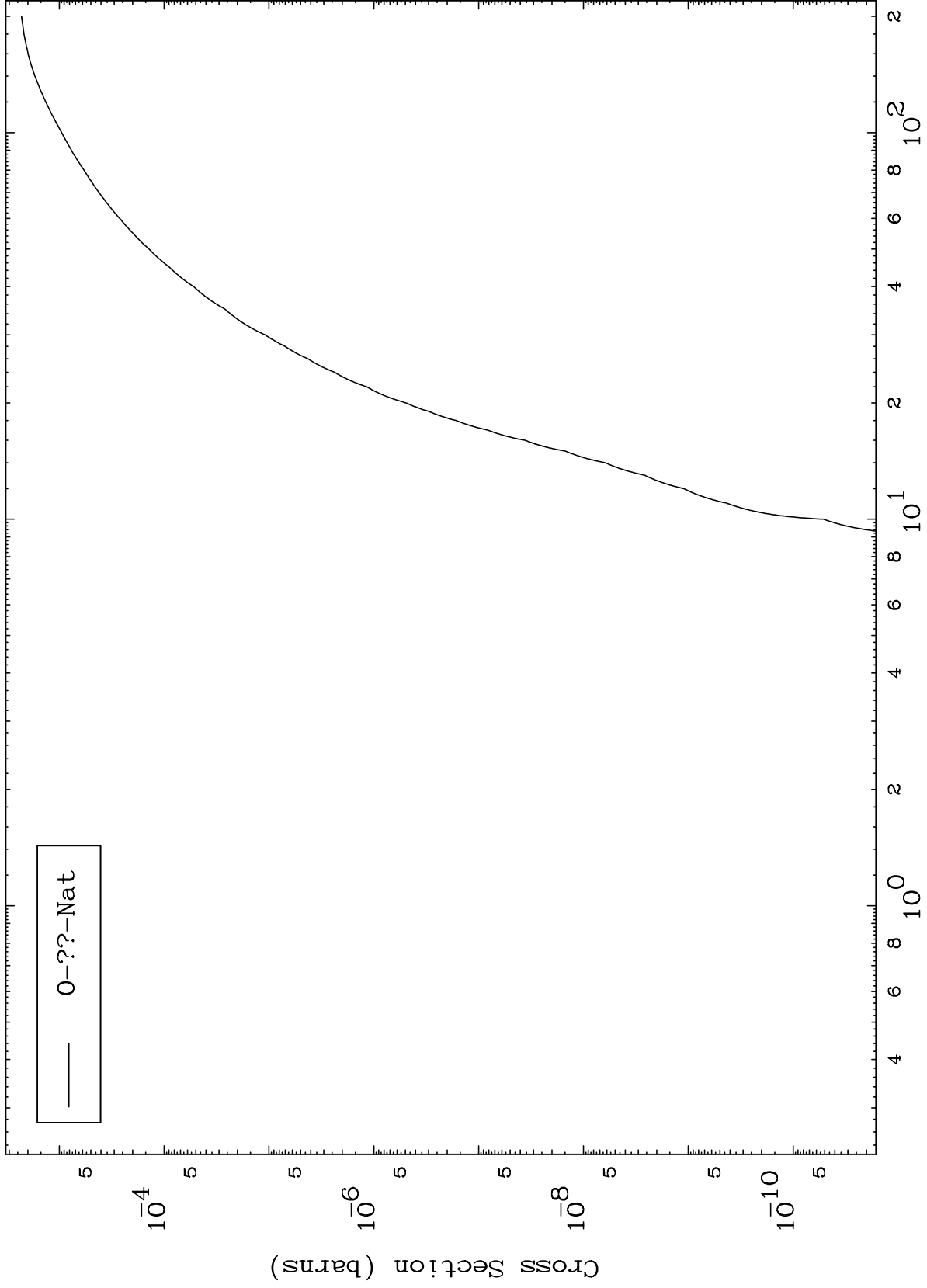
75-Re-189

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Fission

75-Re-189

Radionuclide Production Cross Section



14

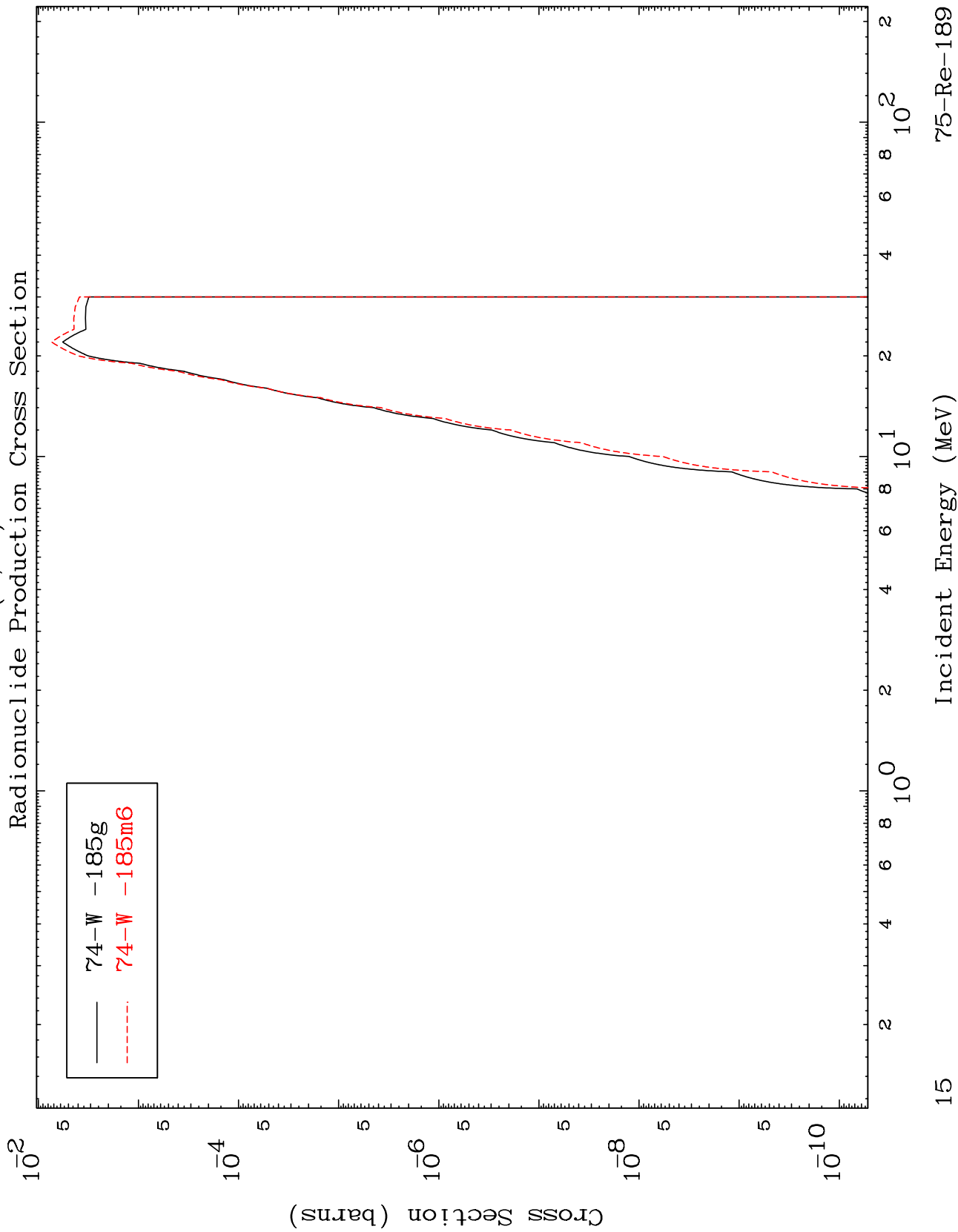
Incident Energy (MeV)

75-Re-189

MAT 7537

$(n, n') \alpha$

75-Re-189



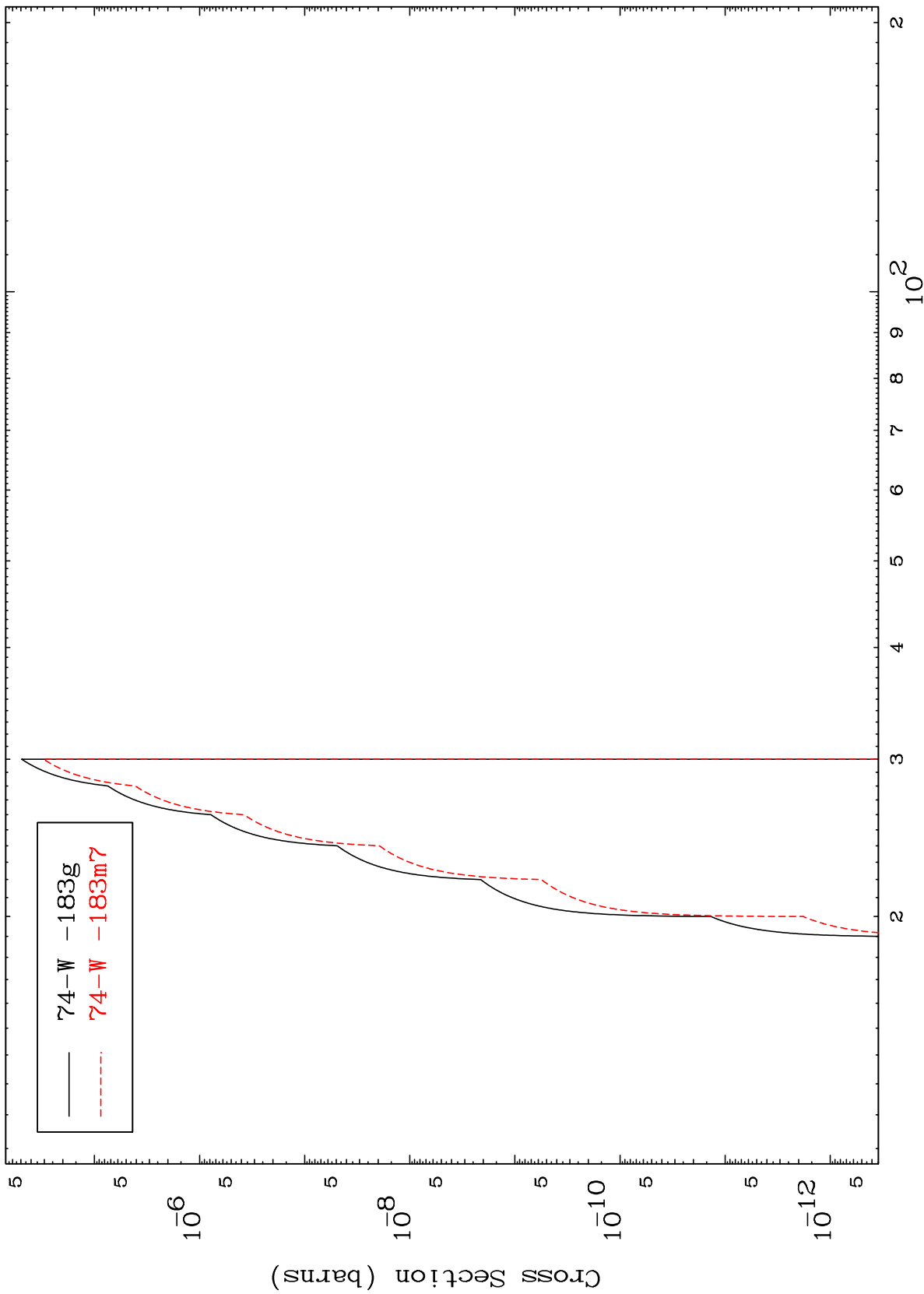


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(n,3n)  $\alpha$

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Radionuclide Production Cross Section

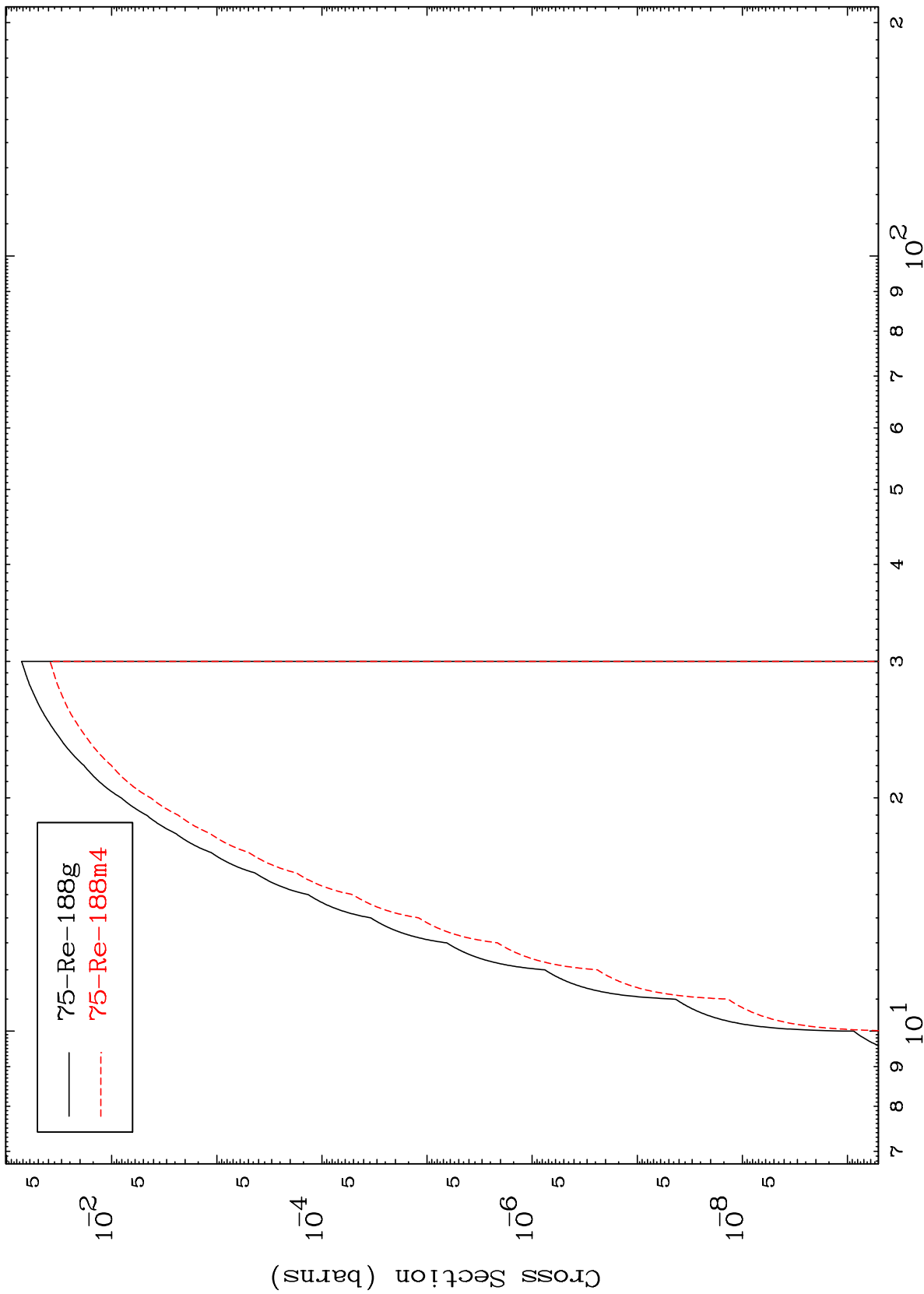


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(n,n') p

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Radionuclide Production Cross Section



17

Incident Energy (MeV)

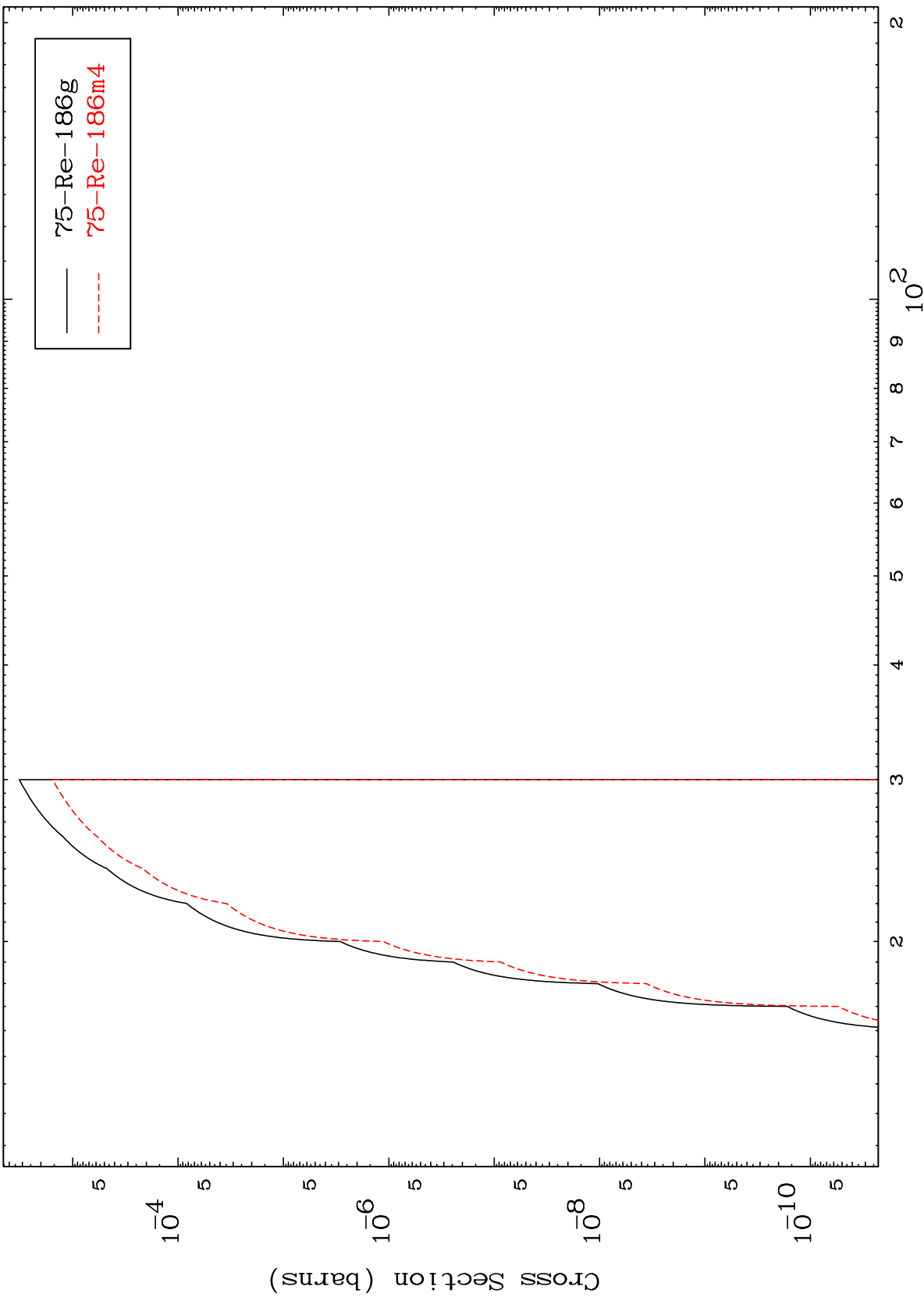
75-Re-189

MAT 7537

(n,n') t

75-Re-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

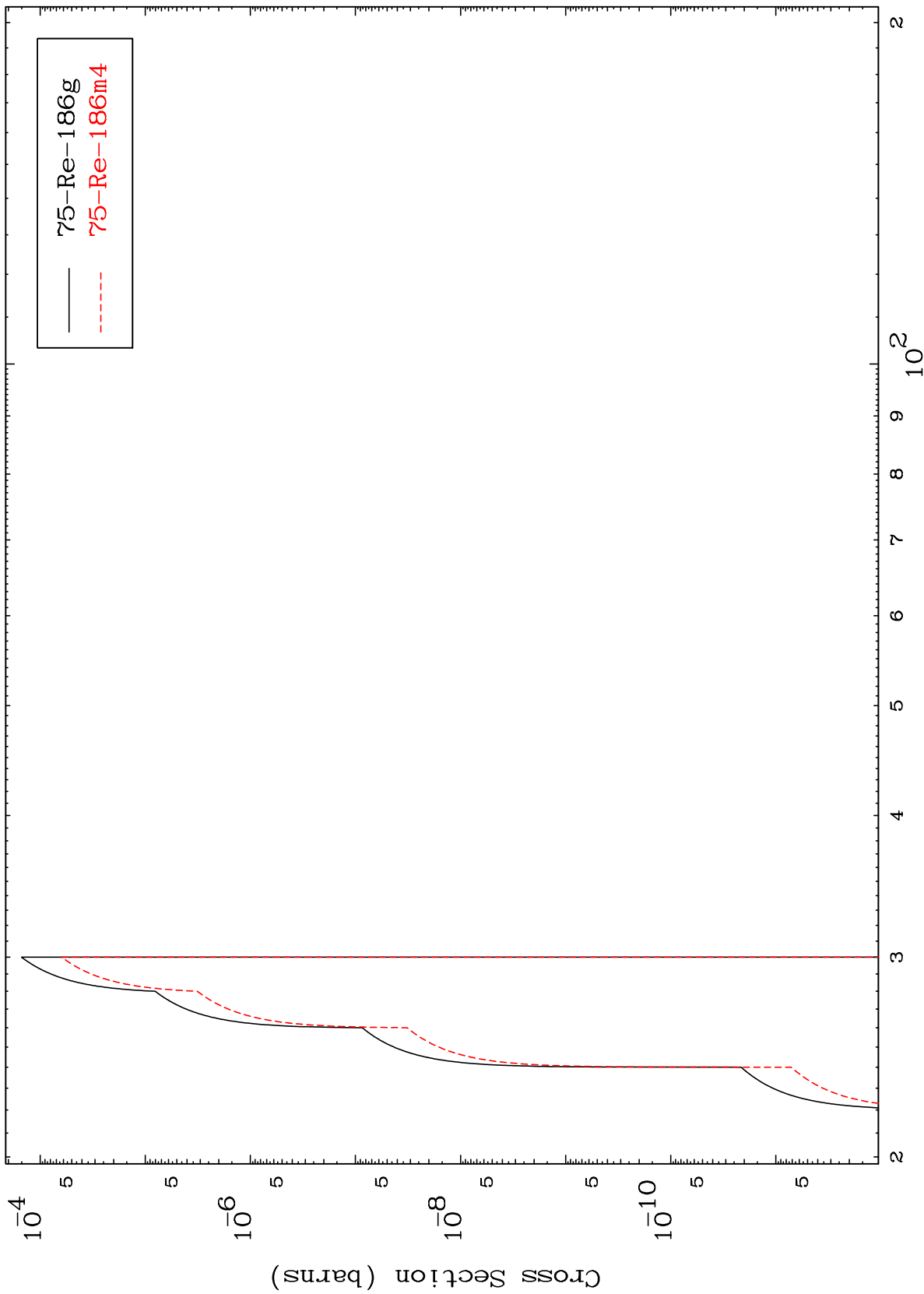
75-Re-189

MAT 7537

(n,3n) p

75-Re-189

Radionuclide Production Cross Section



19

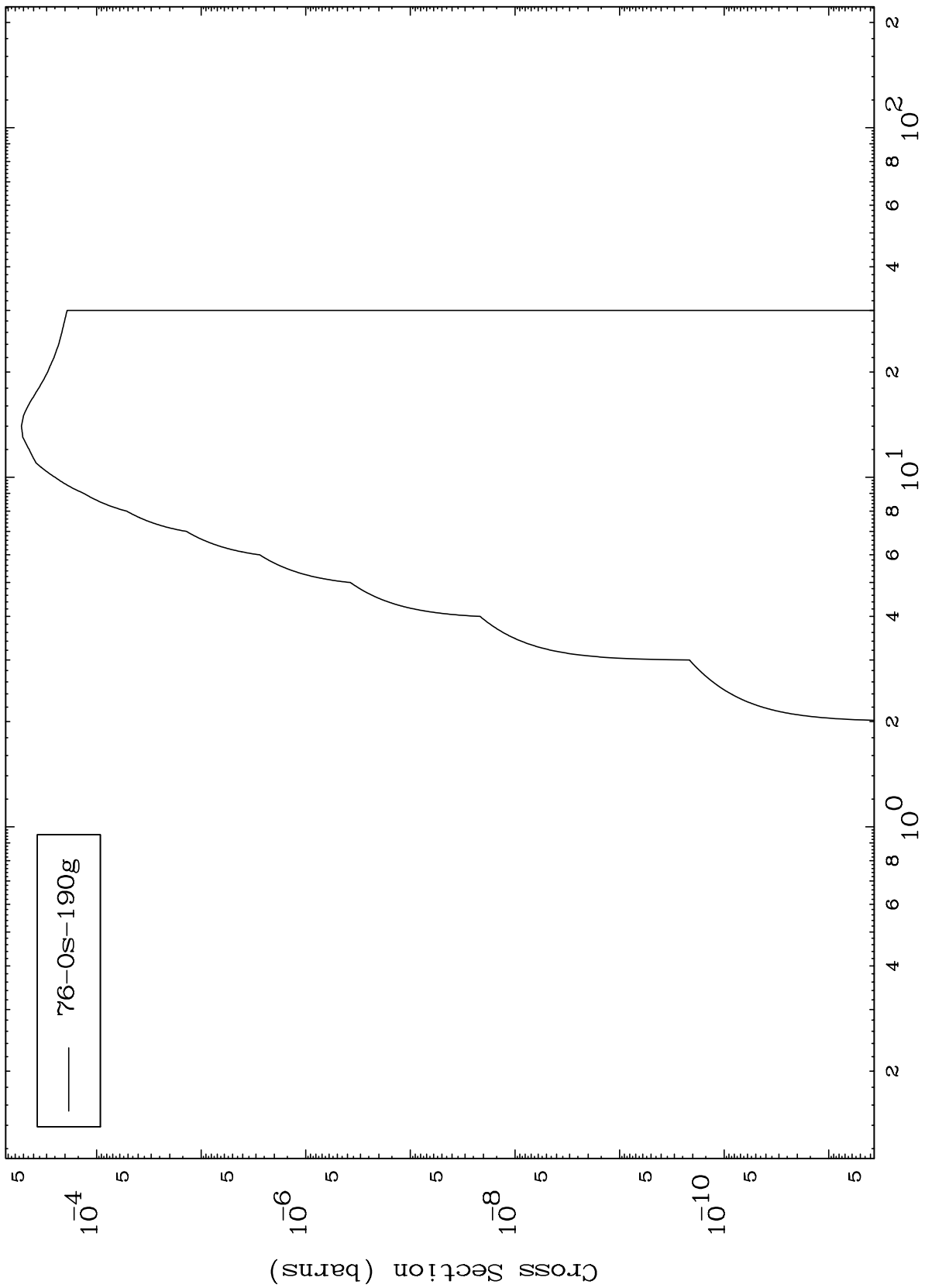
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 76-Os-190g

20

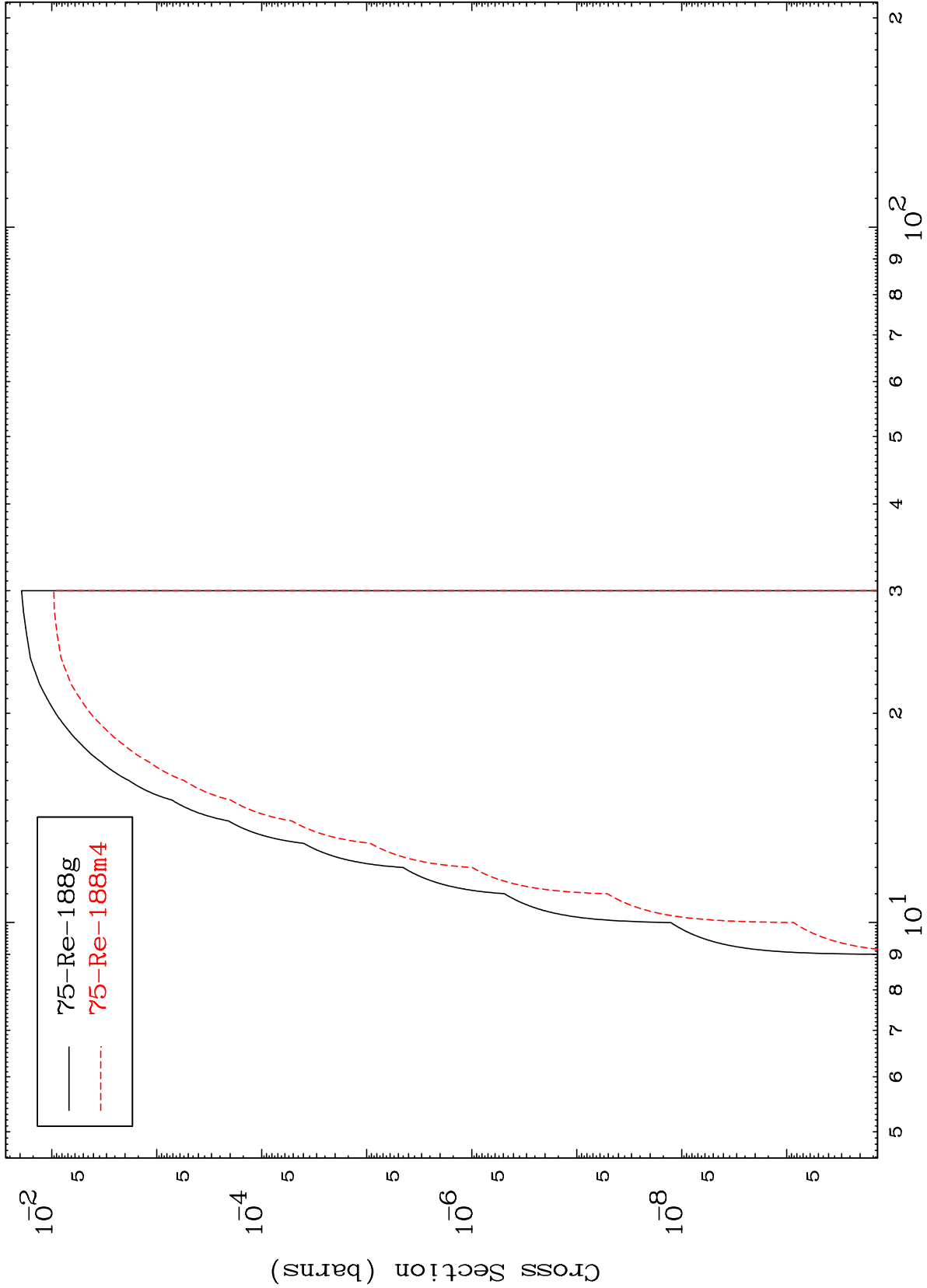
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

(n,d)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

75-Re-189