

Program EVALPLOT  
(Version 2021-1)

by

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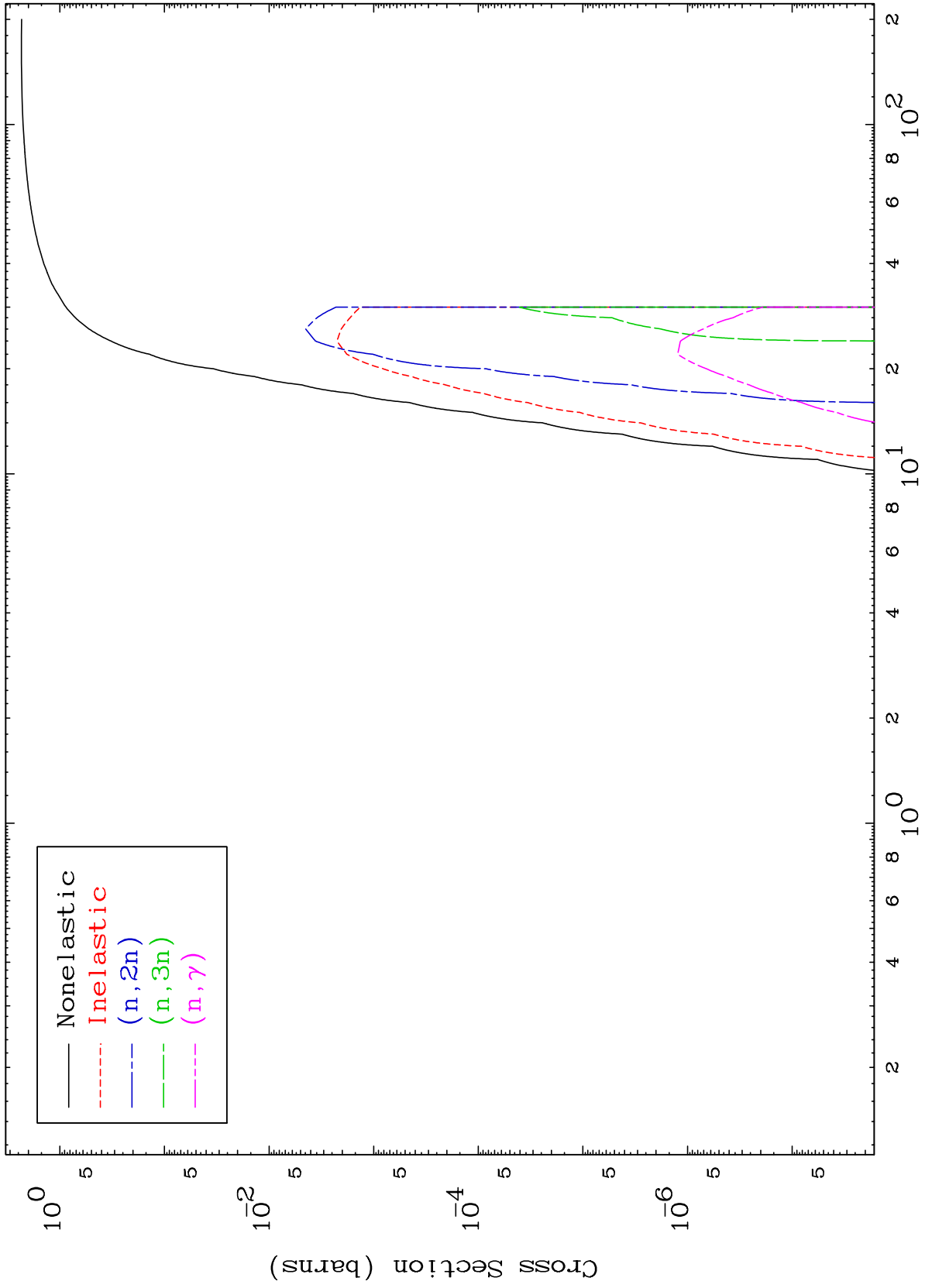
Press Mouse Button to Start

MAT 8084

He-3 Major

81-Tl-189m

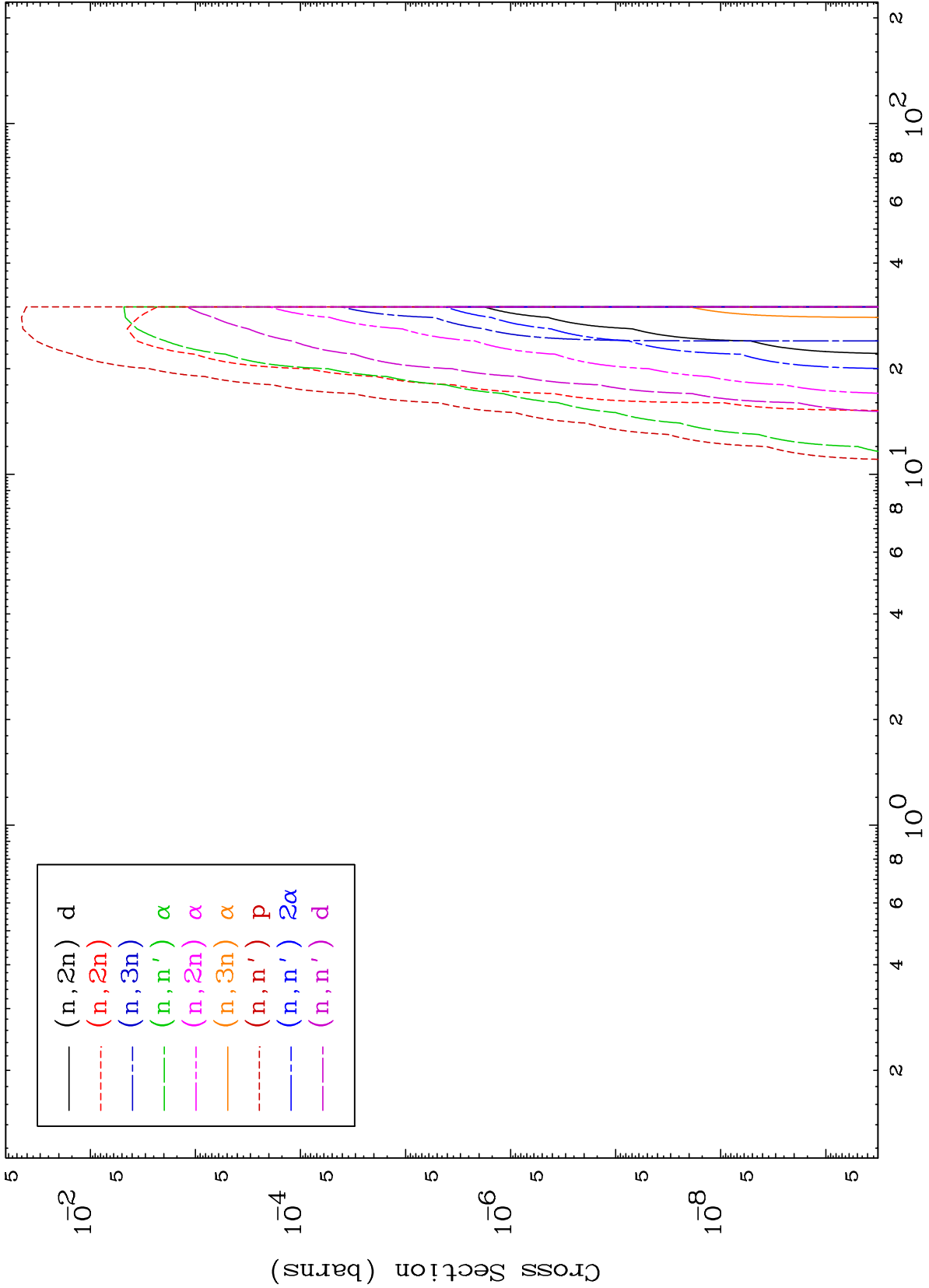
0 Kelvin Cross Sections



MAT 8084

He-3 Neutron Absorption  
0 Kelvin Cross Sections

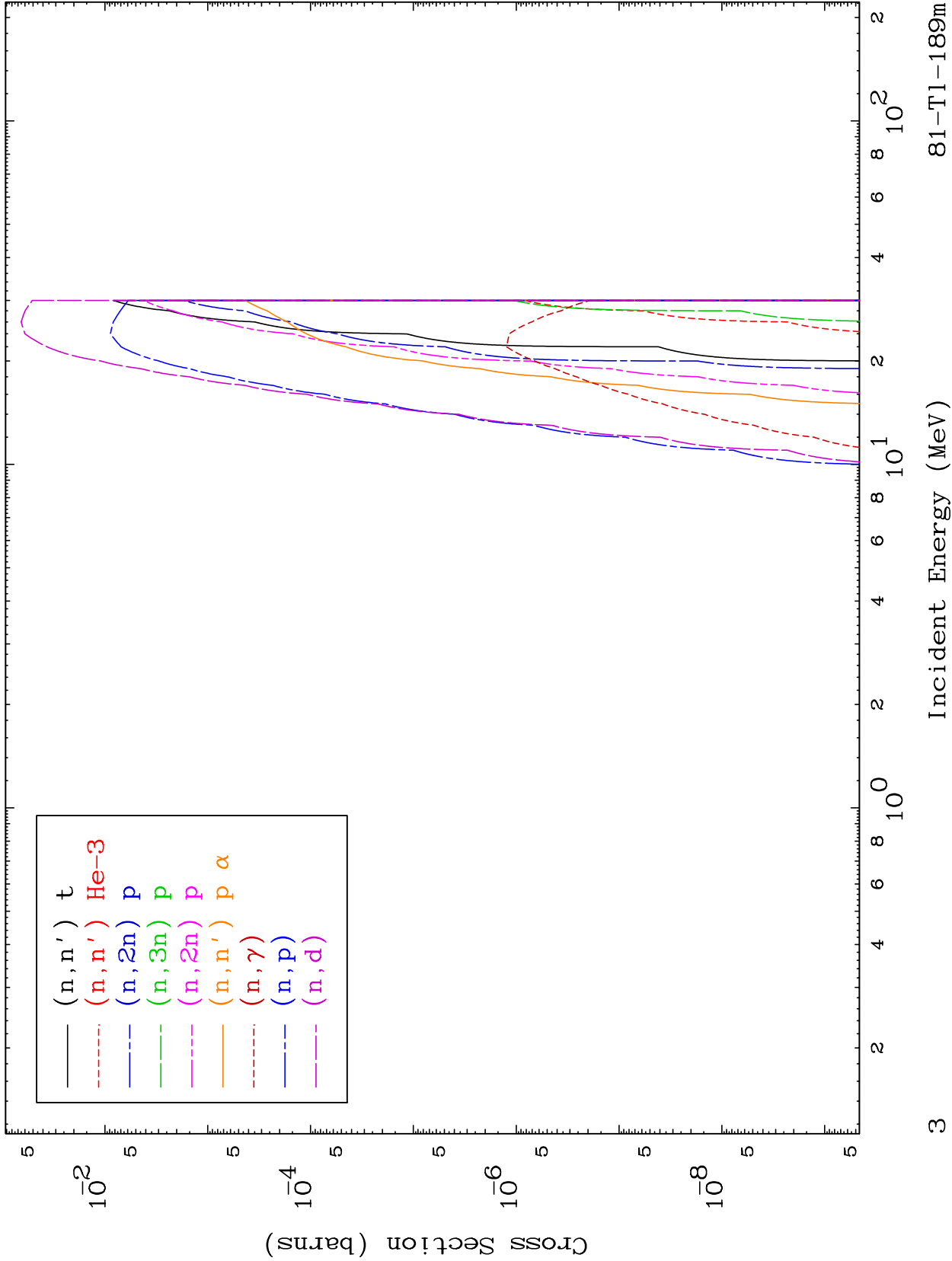
81-Tl-189m



MAT 8084

He-3 Neutron Absorption  
0 Kelvin Cross Sections

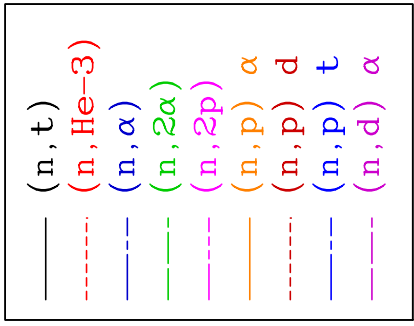
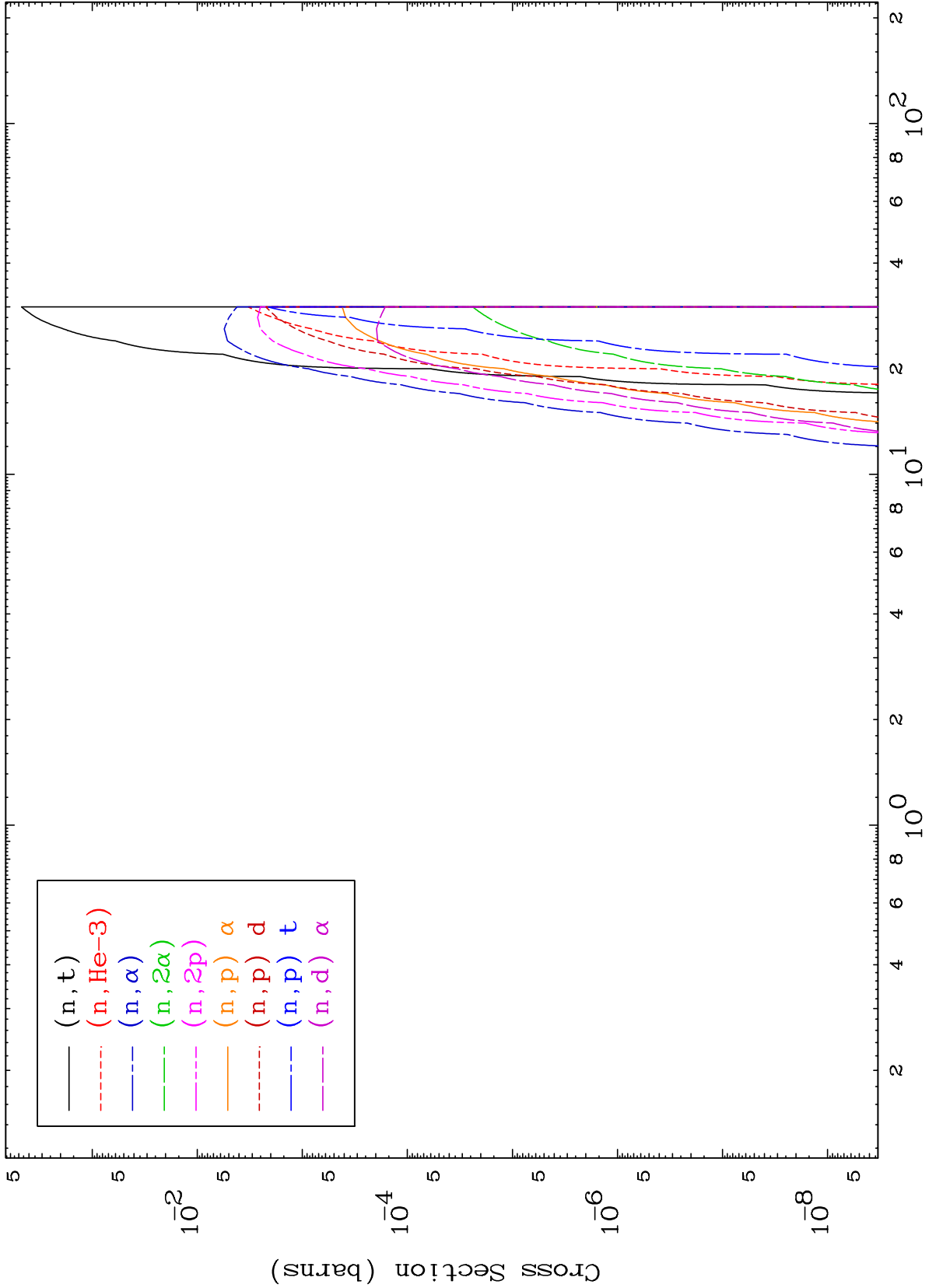
81-TI-189m



MAT 8084

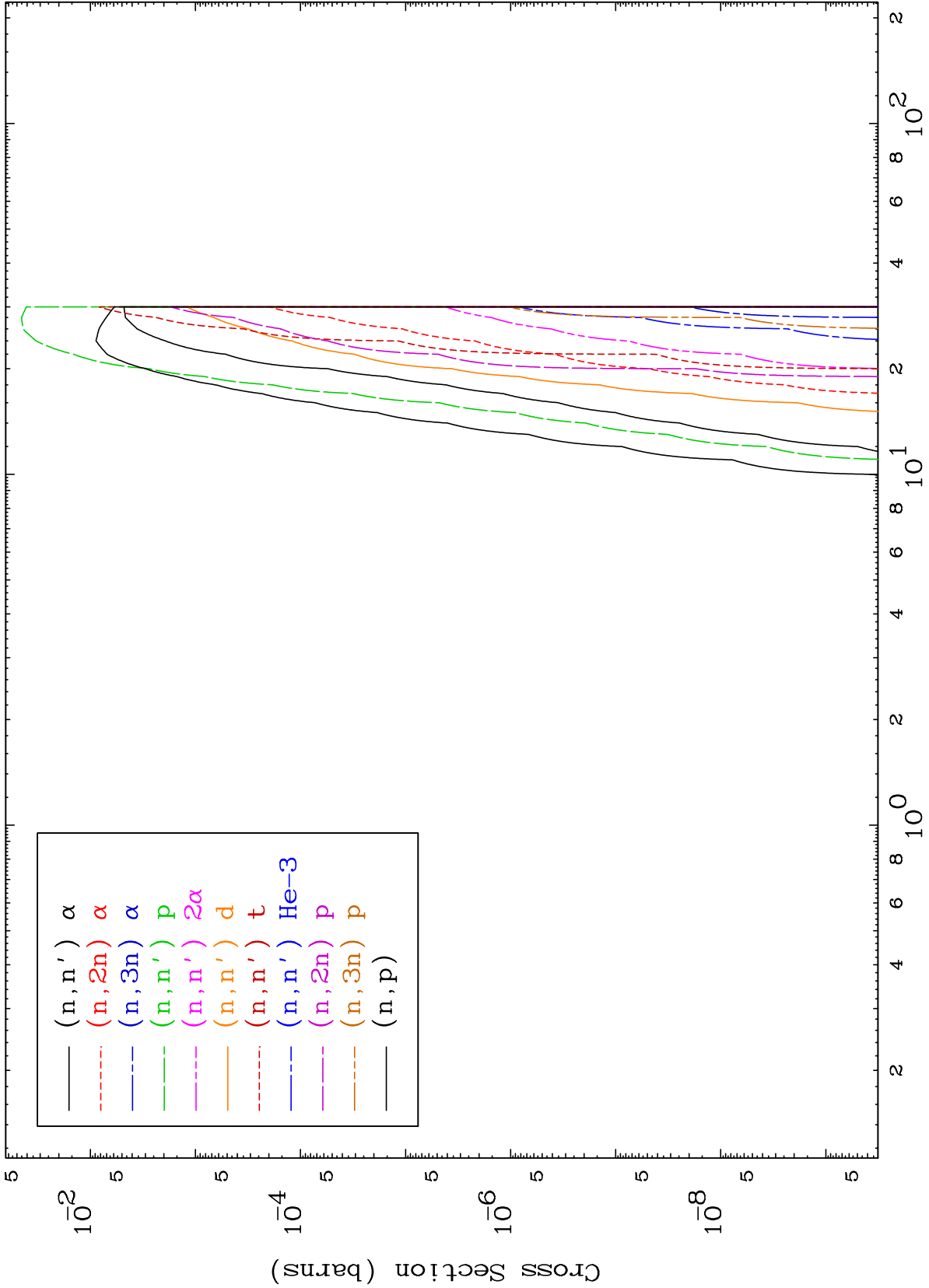
He-3 Neutron Absorption  
0 Kelvin Cross Sections

81-TI-189m



81-TI-189m

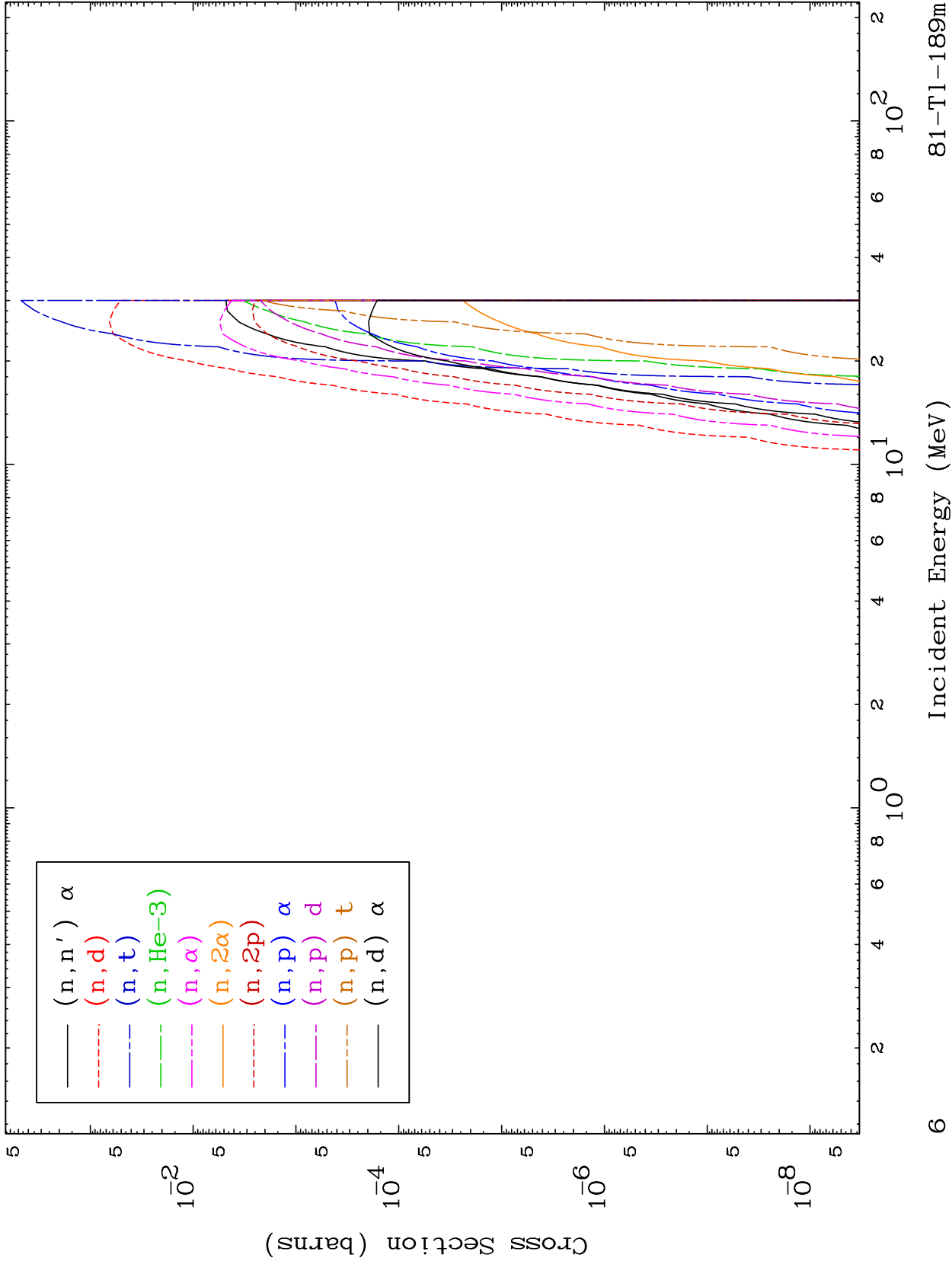
Incident Energy (MeV)



MAT 8084

He-3 Charged Particle  
0 Kelvin Cross Sections

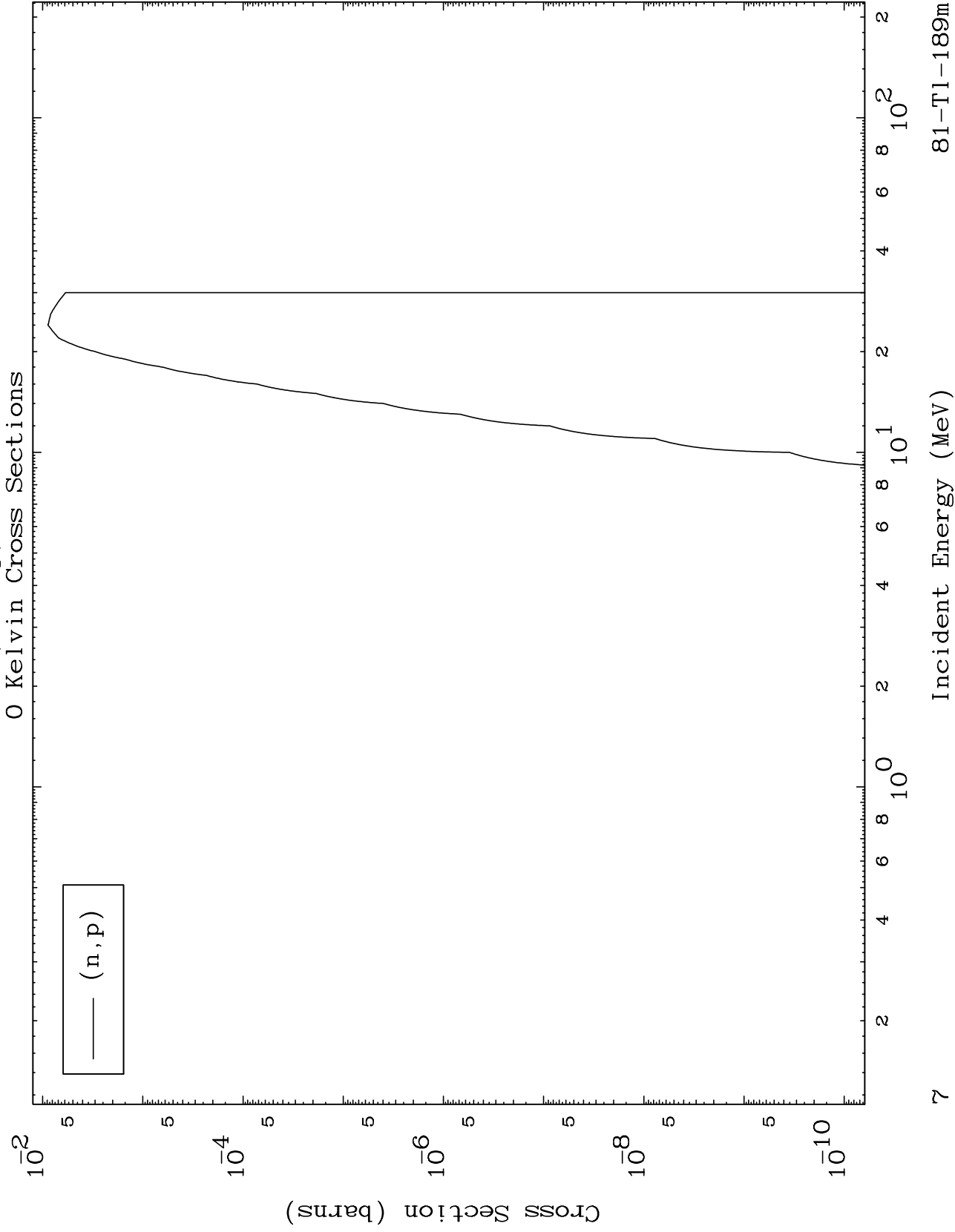
81-TI-189m



MAT 8084

(He-3,p) Levels

81-Tl-189m

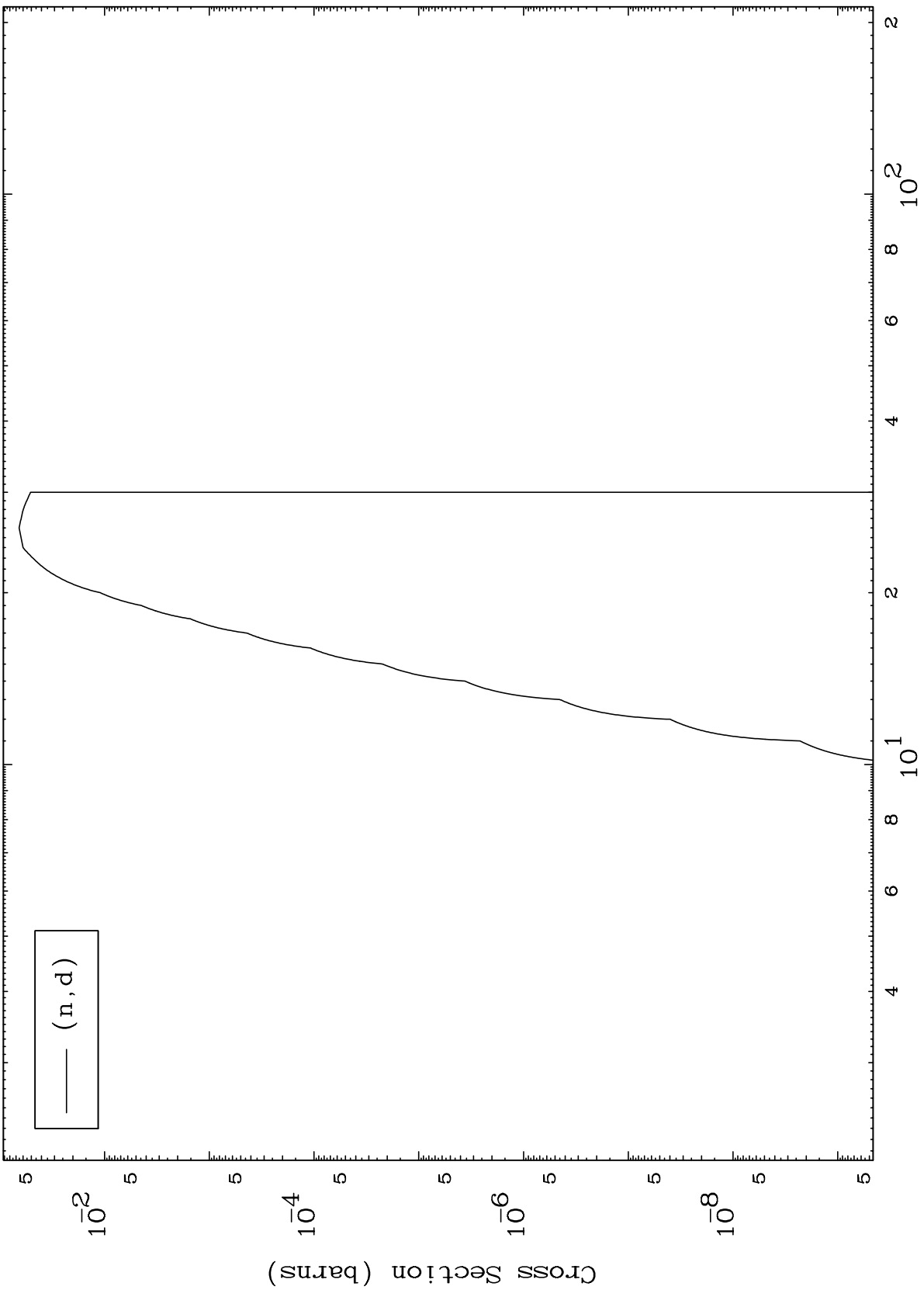


MAT 8084

(He-3,d) Levels

81-Tl-189m

0 Kelvin Cross Sections

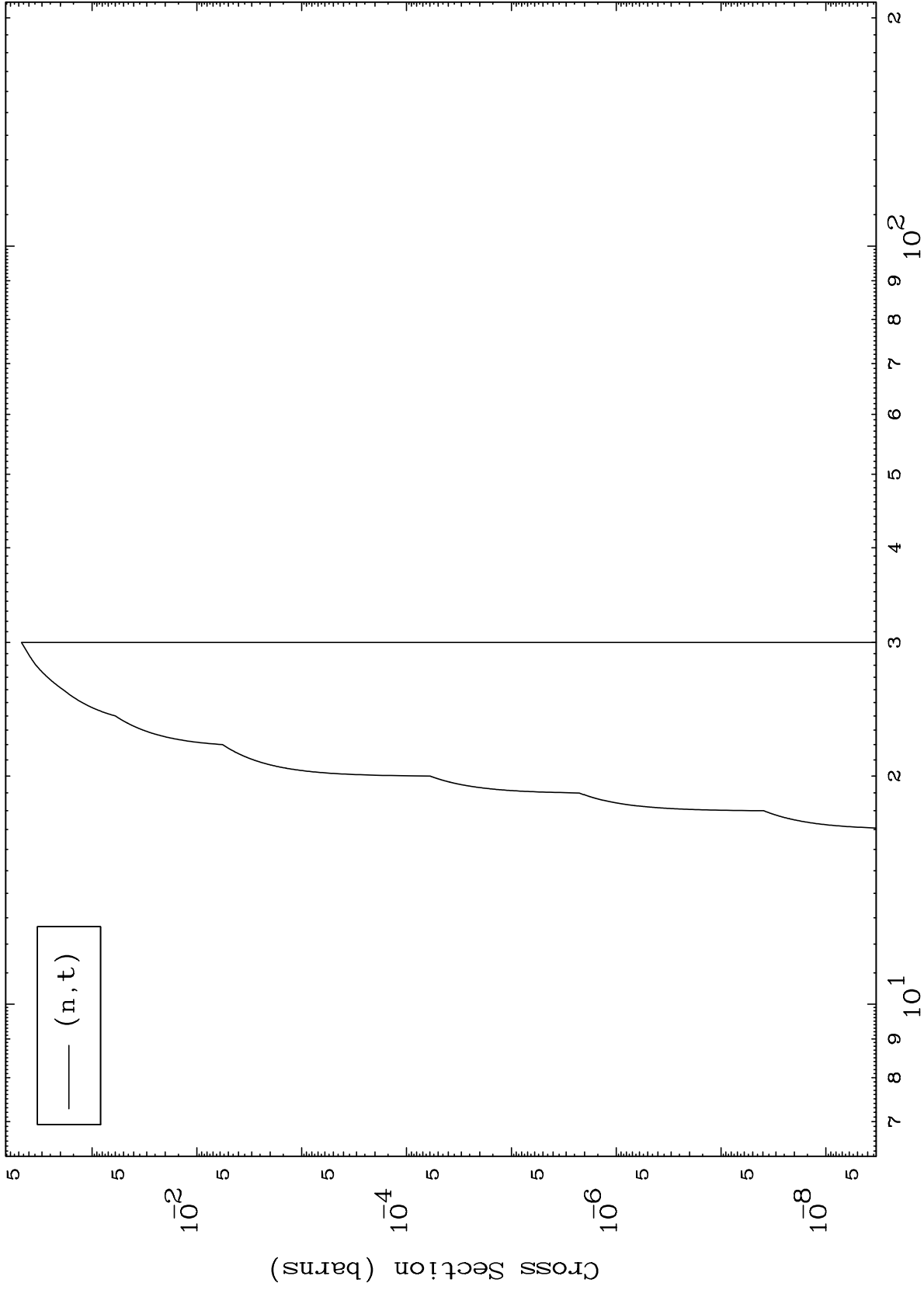


(n,d)

MAT 8084

(He-3,t) Levels  
0 Kelvin Cross Sections

81-Tl-189m



9

Incident Energy (MeV)

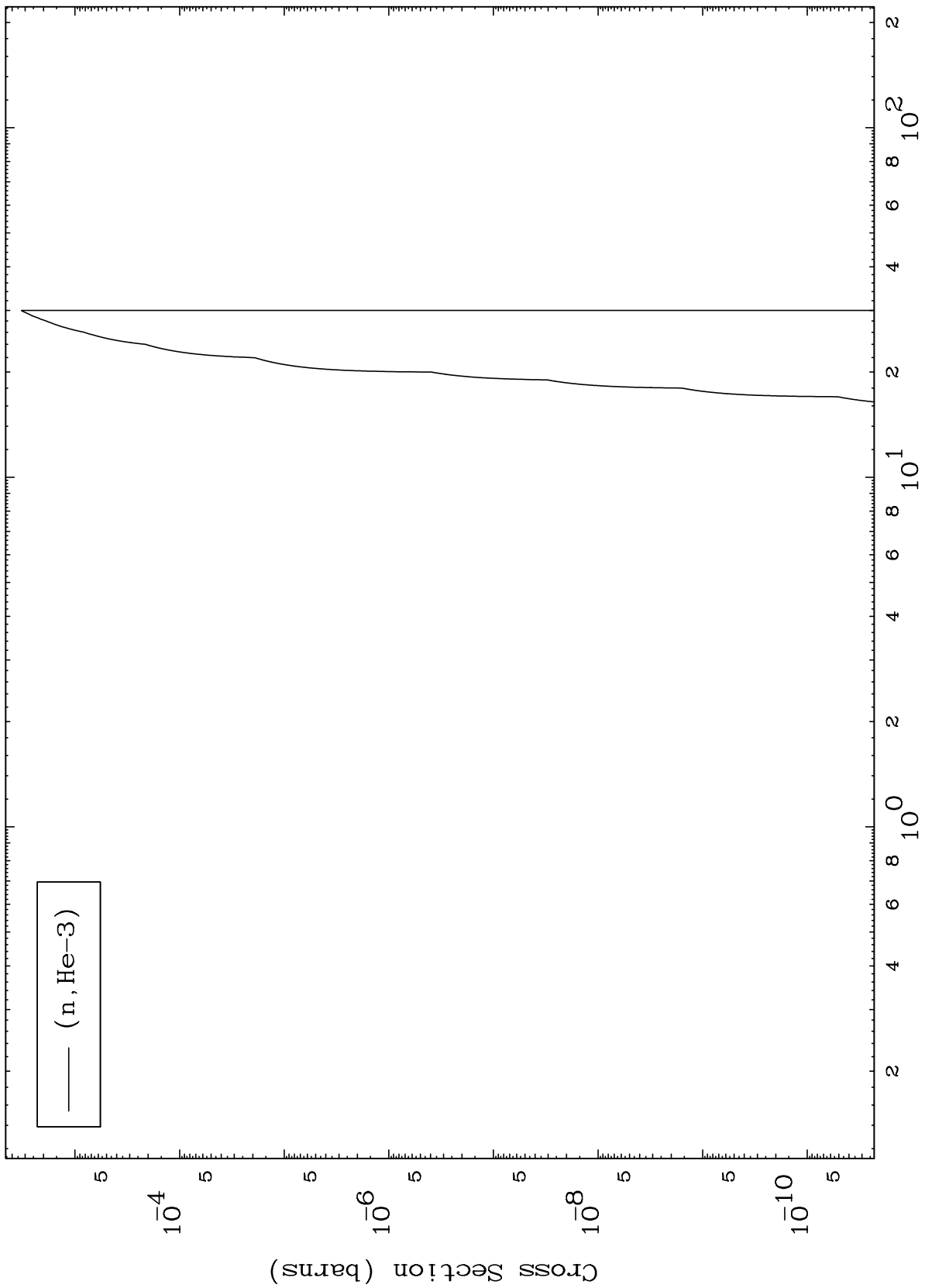
81-Tl-189m

MAT 8084

(He-3, He3) Levels

81-Tl-189m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

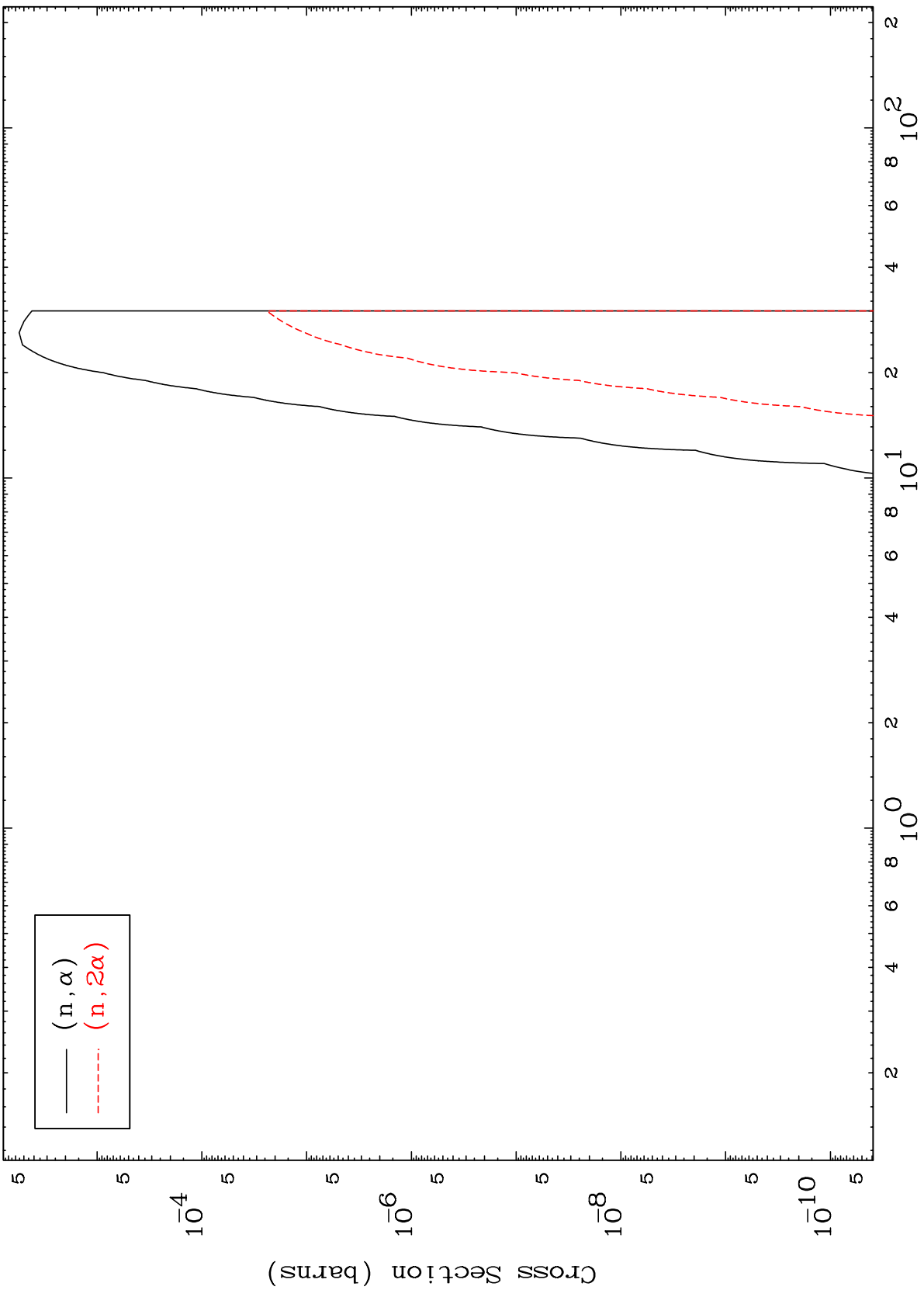
81-Tl-189m

MAT 8084

(He-3,  $\alpha$ ) Levels

81-Tl-189m

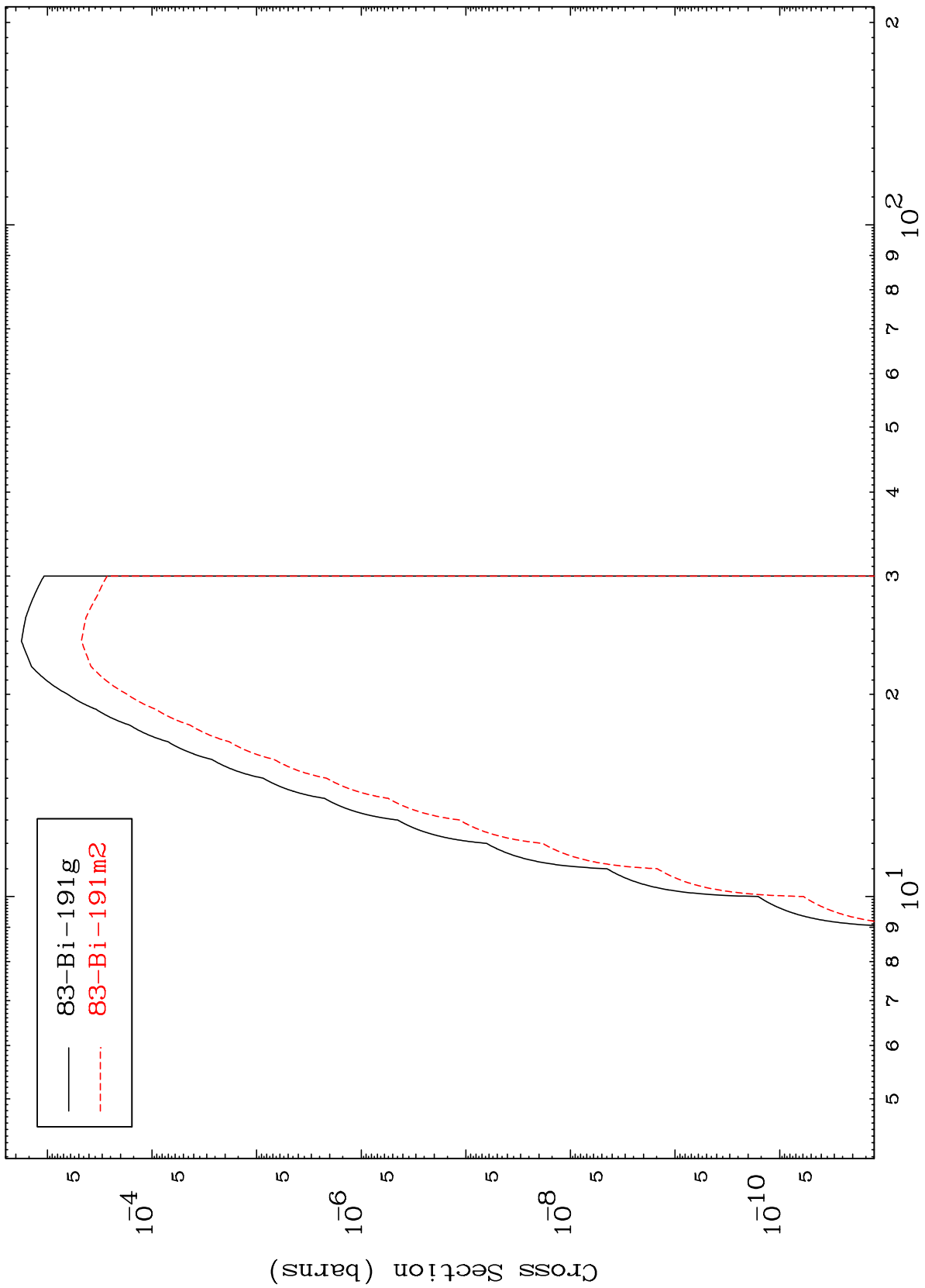
0 Kelvin Cross Sections



MAT 8084

81-Tl-189m

Inelastic  
Radionuclide Production Cross Section



81-Tl-189m

Incident Energy (MeV)

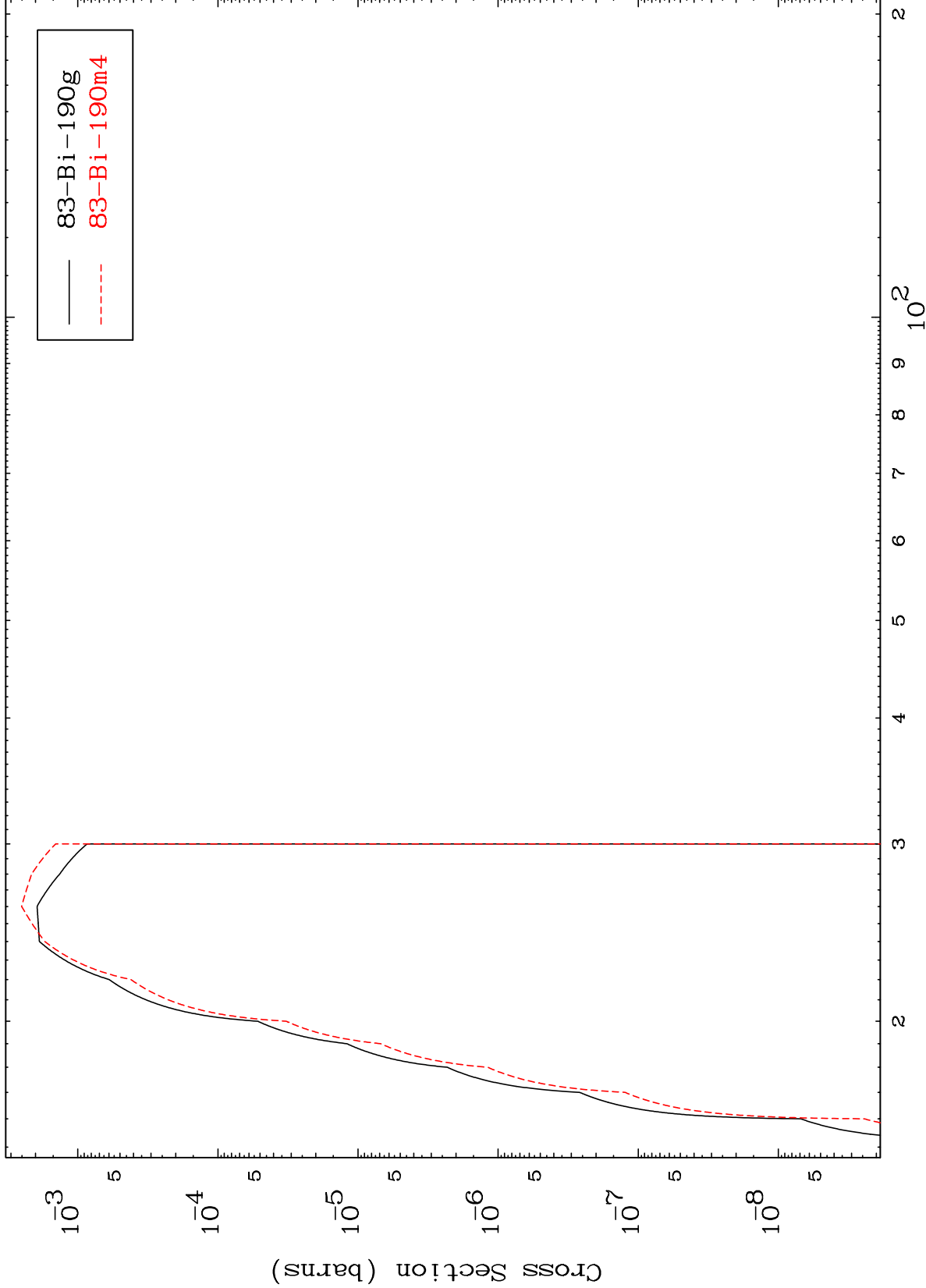
12

MAT 8084

(n,2n)

81-Tl-189m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

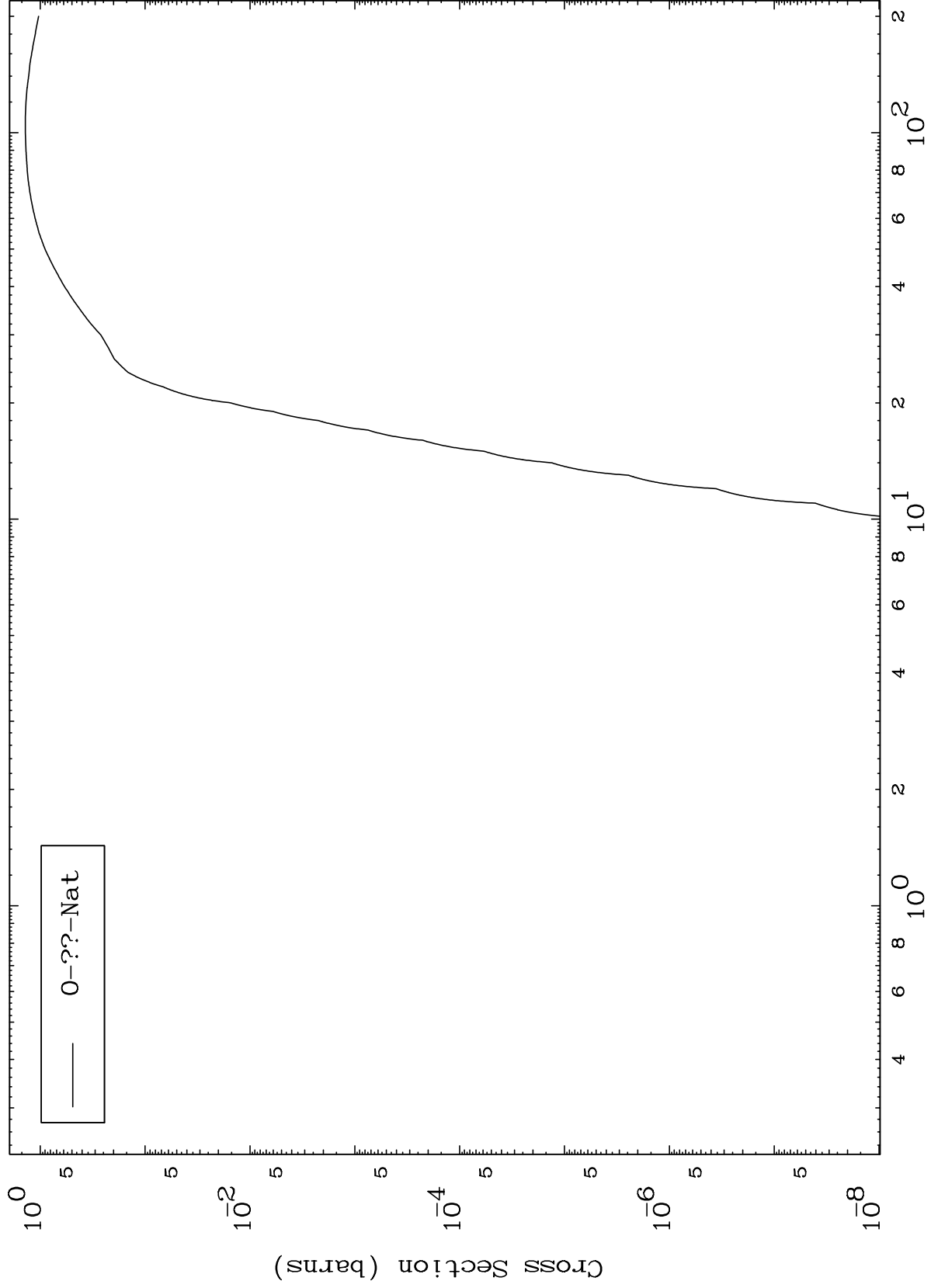
81-Tl-189m

MAT 8084

Fission

81-Tl-189m

Radionuclide Production Cross Section

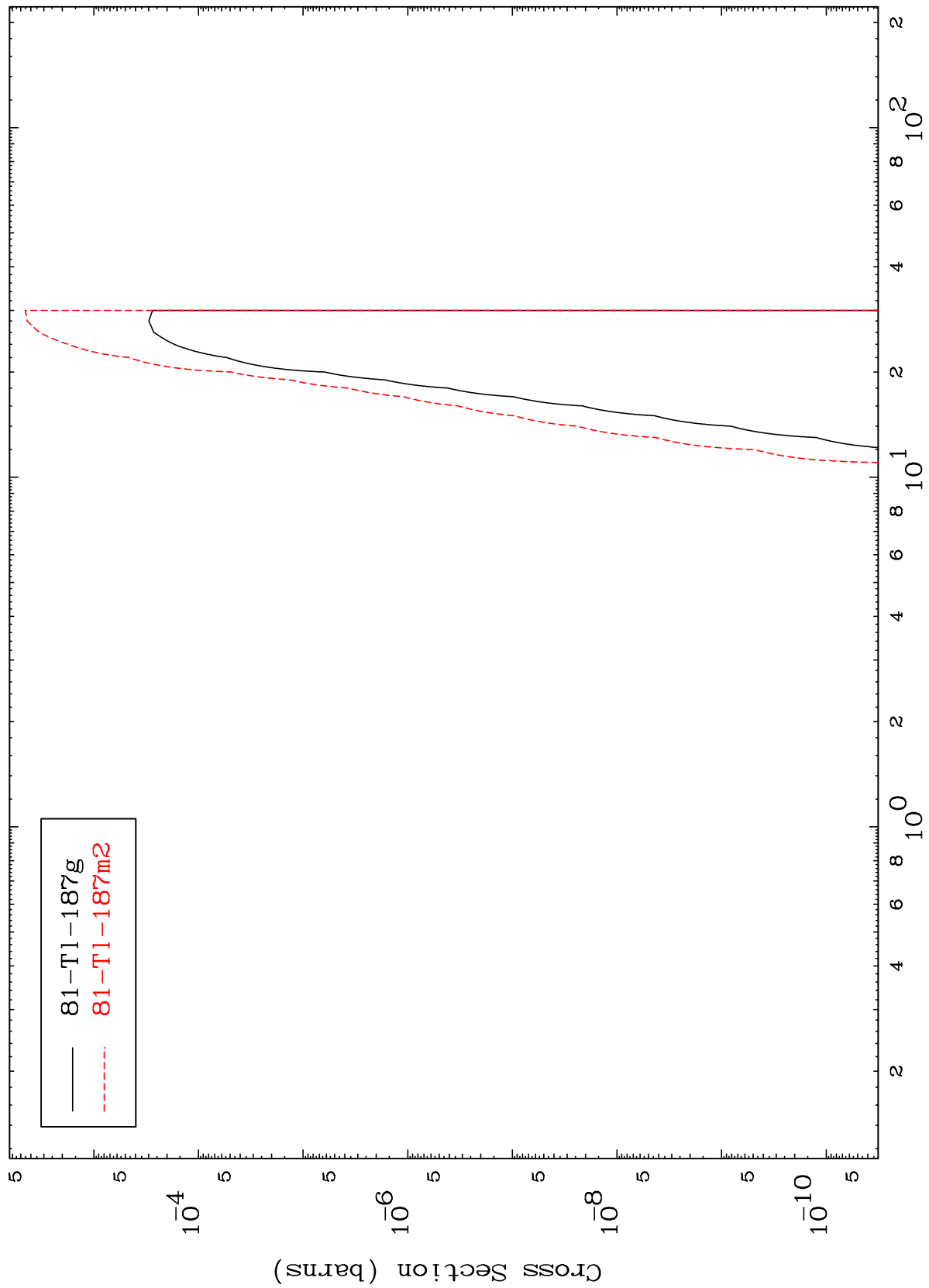


MAT 8084

$(n, n') \alpha$

81-Tl-189m

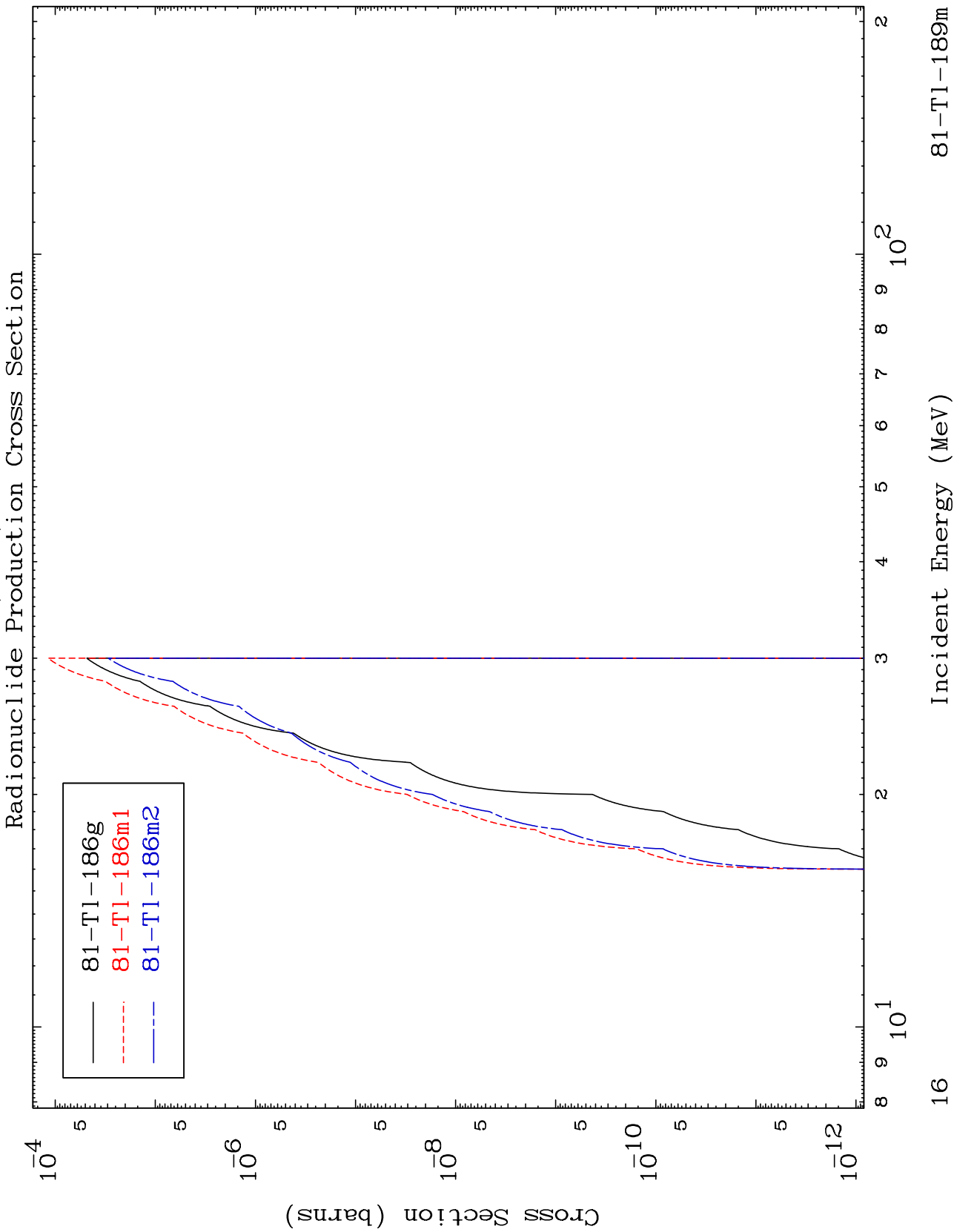
Radionuclide Production Cross Section



MAT 8084

(n,2n)  $\alpha$

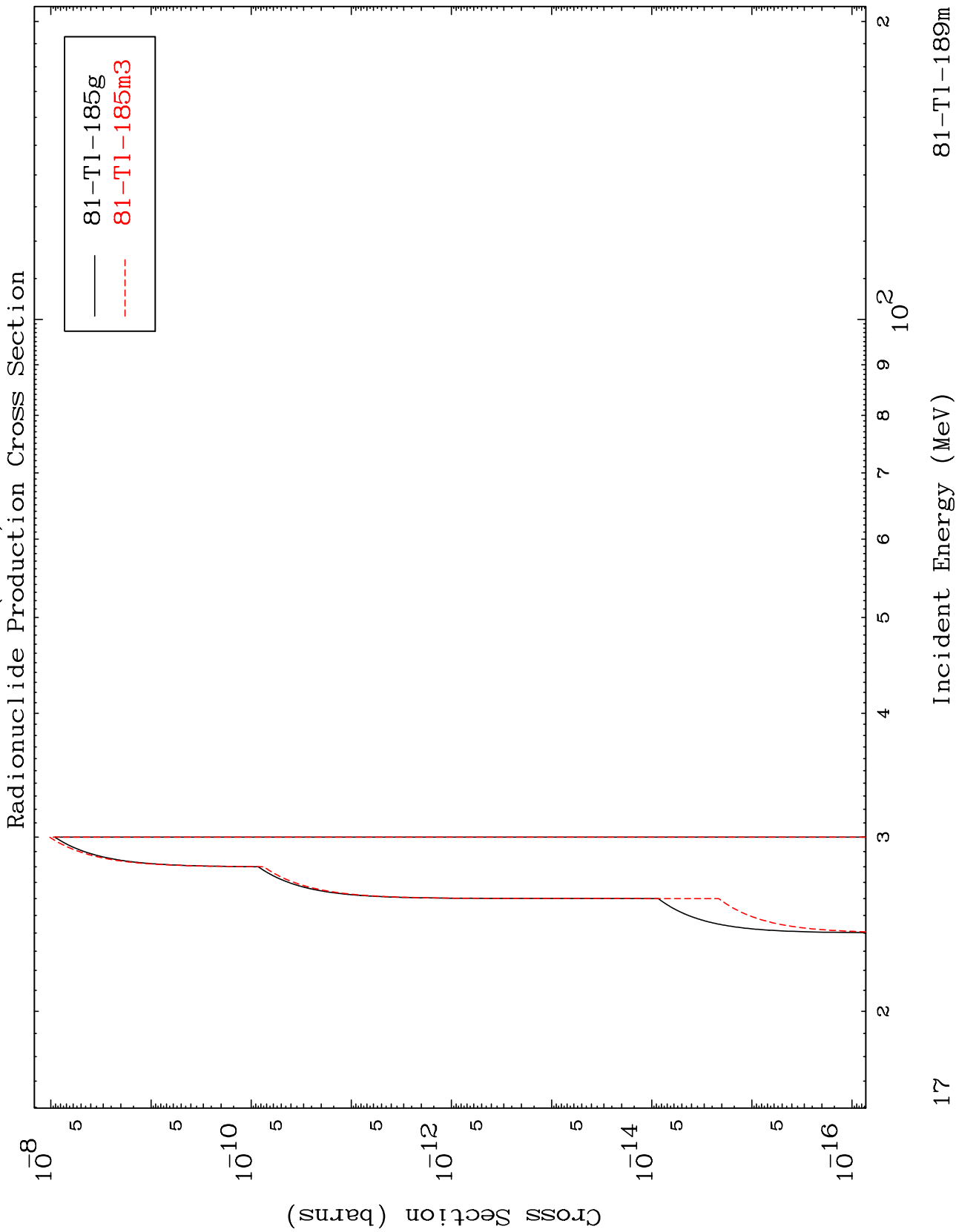
81-Tl-189m



MAT 8084

(n,3n)  $\alpha$

81-Tl-189m

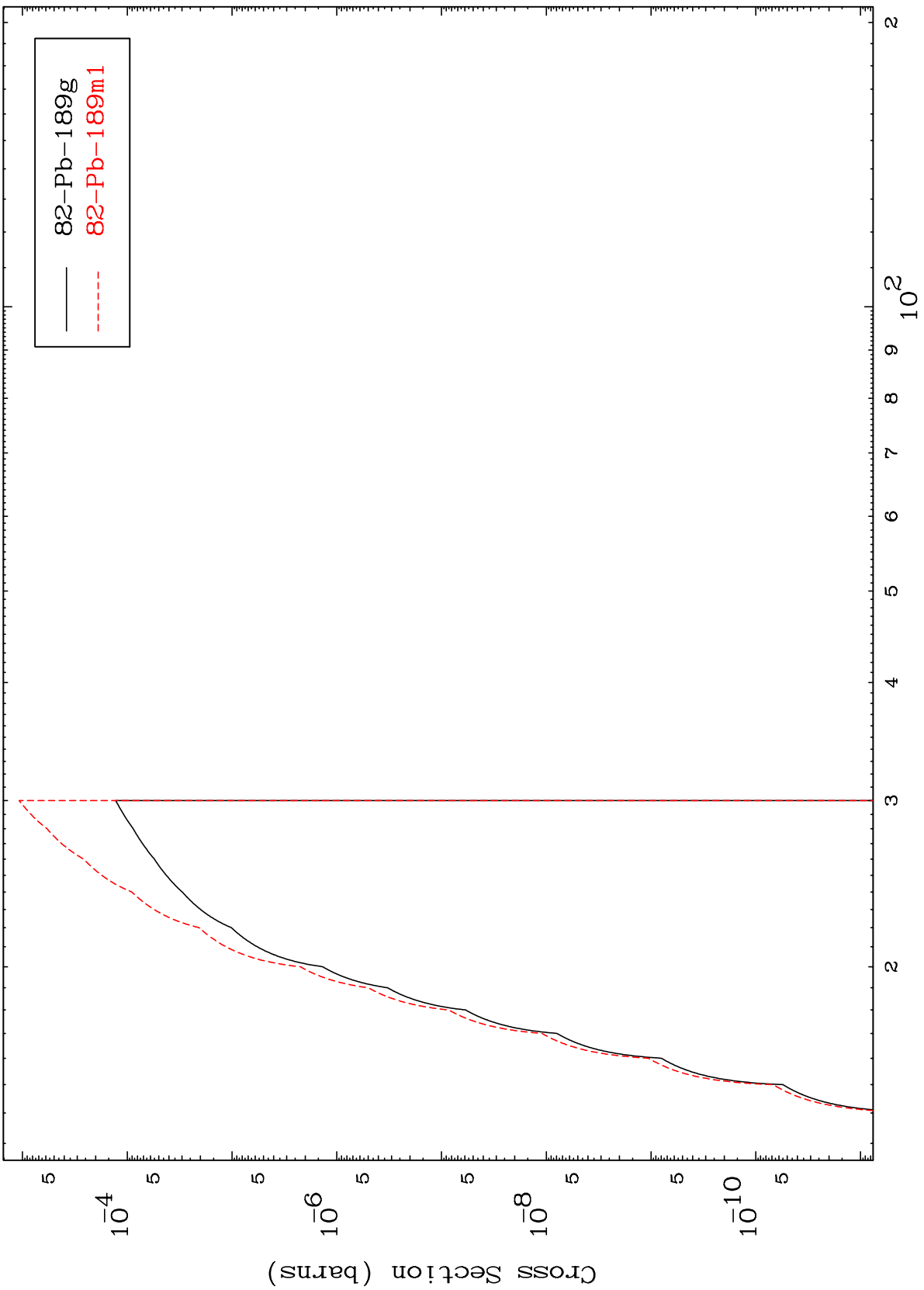


MAT 8084

(n,n') d

81-Tl-189m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

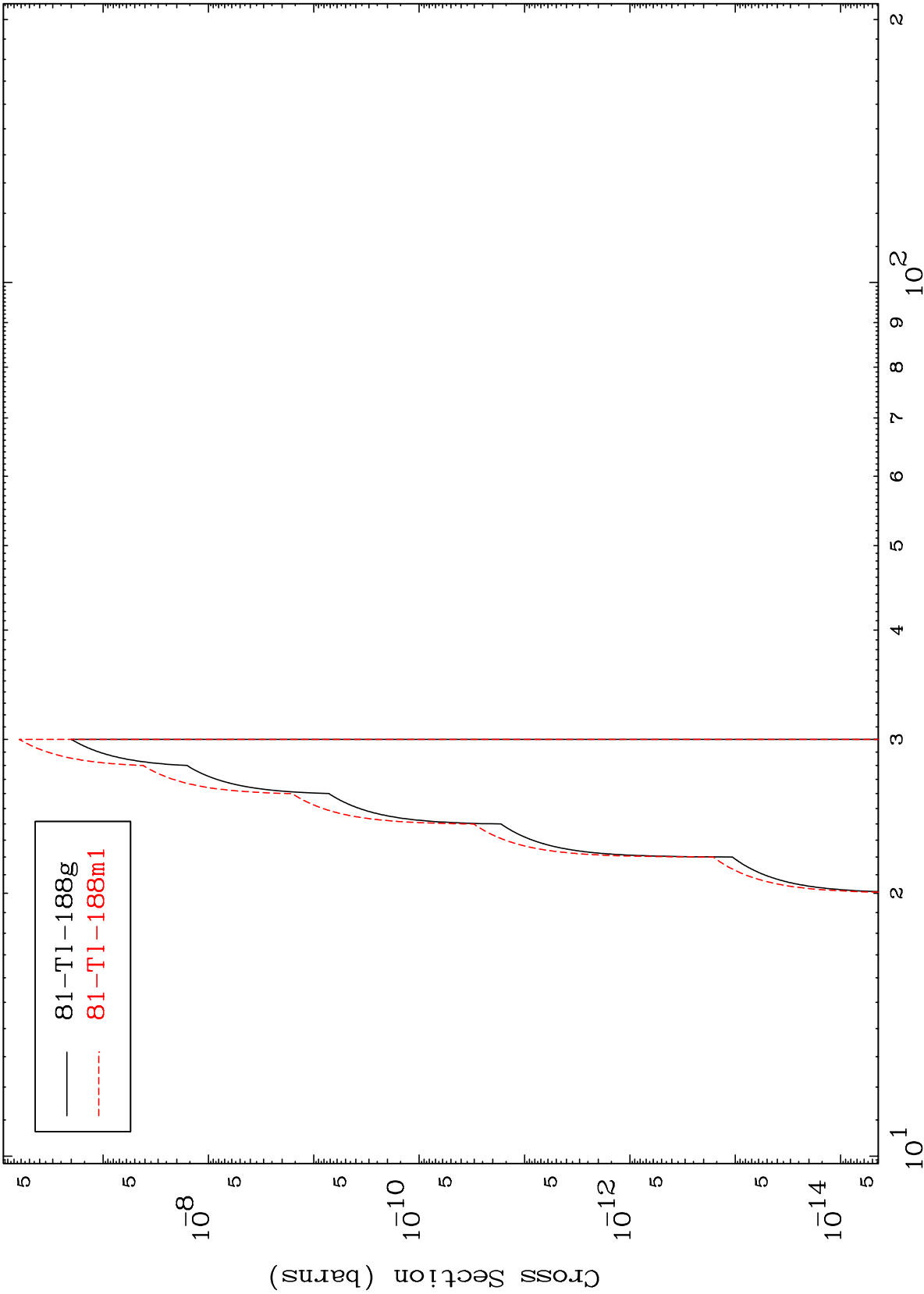
81-Tl-189m

MAT 8084

(n,n') He-3

81-Tl-189m

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

19

Incident Energy (MeV)

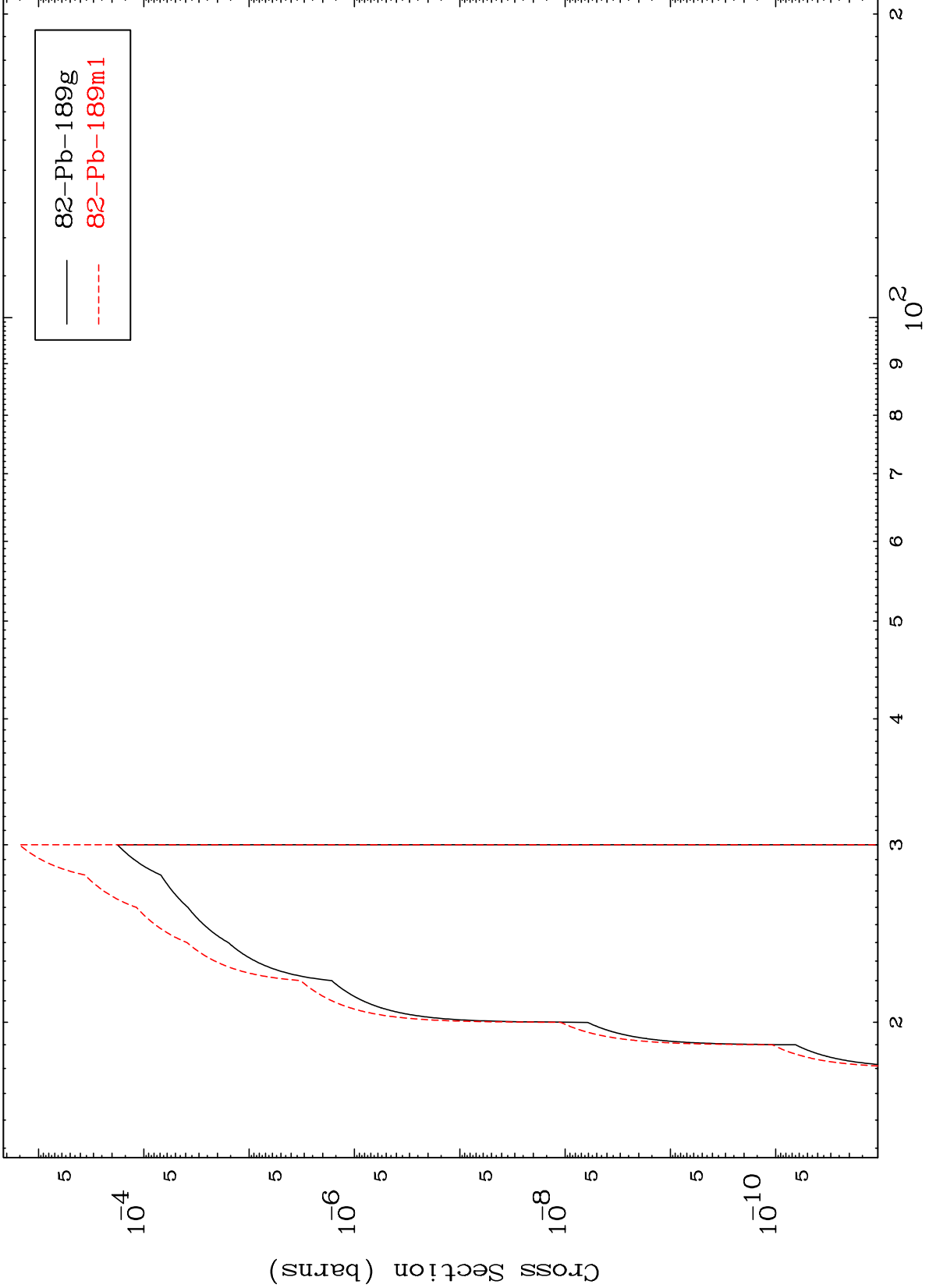
81-Tl-189m

MAT 8084

(n,2n) p

81-Tl-189m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

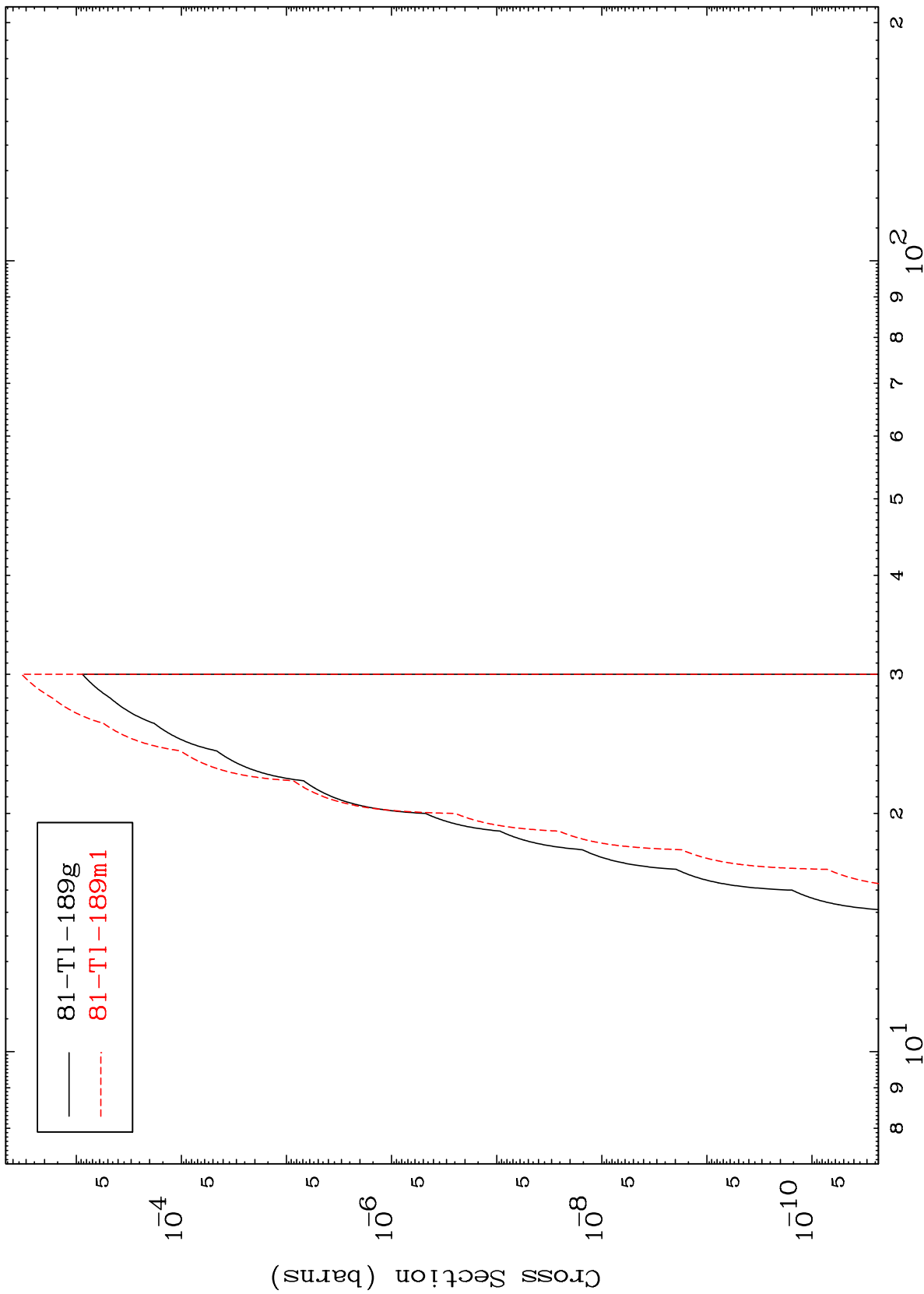
81-Tl-189m

MAT 8084

(n,2n) p

81-Tl-189m

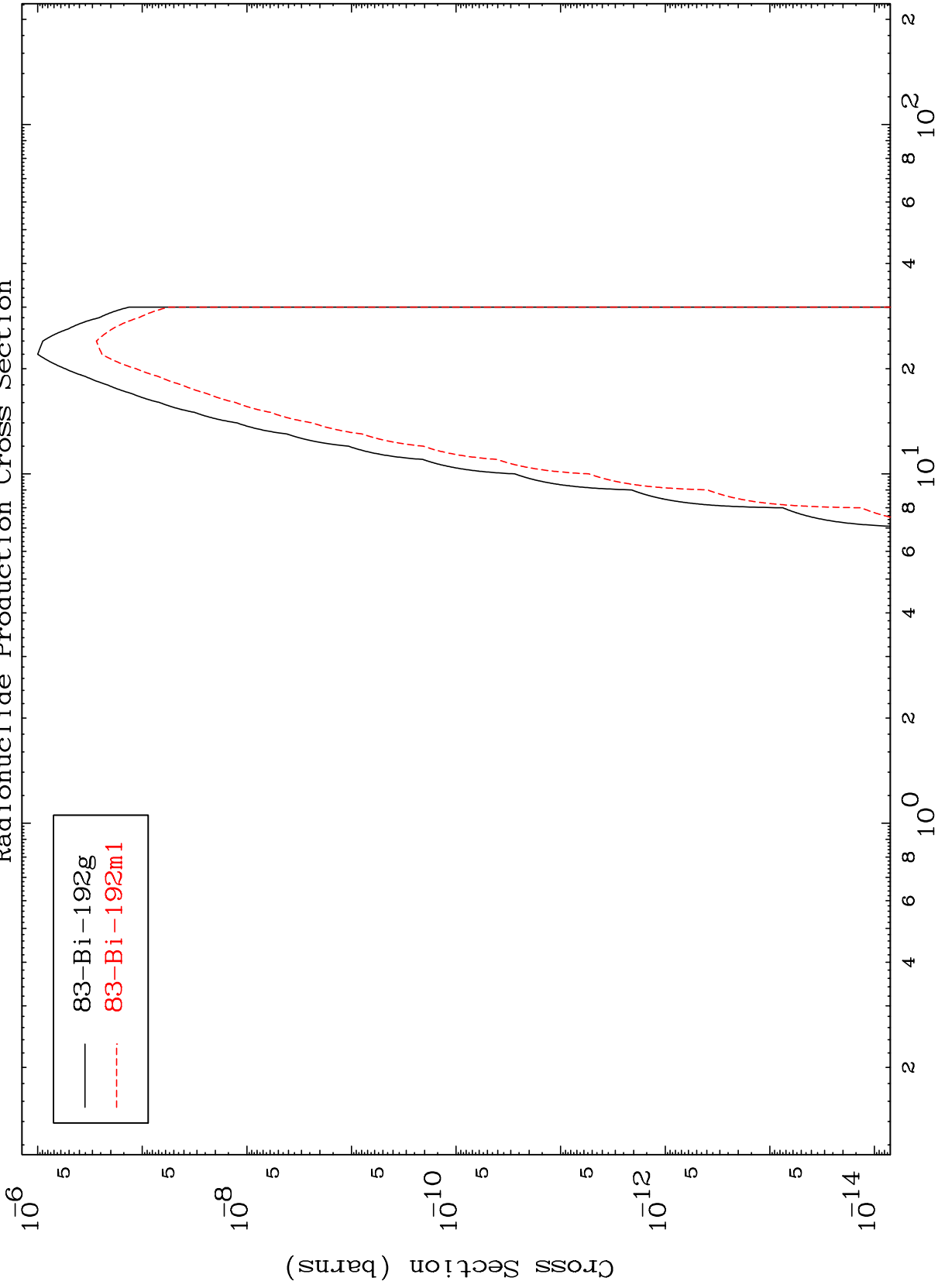
Radionuclide Production Cross Section



MAT 8084

81-Tl-189m

Radionuclide Production Cross Section



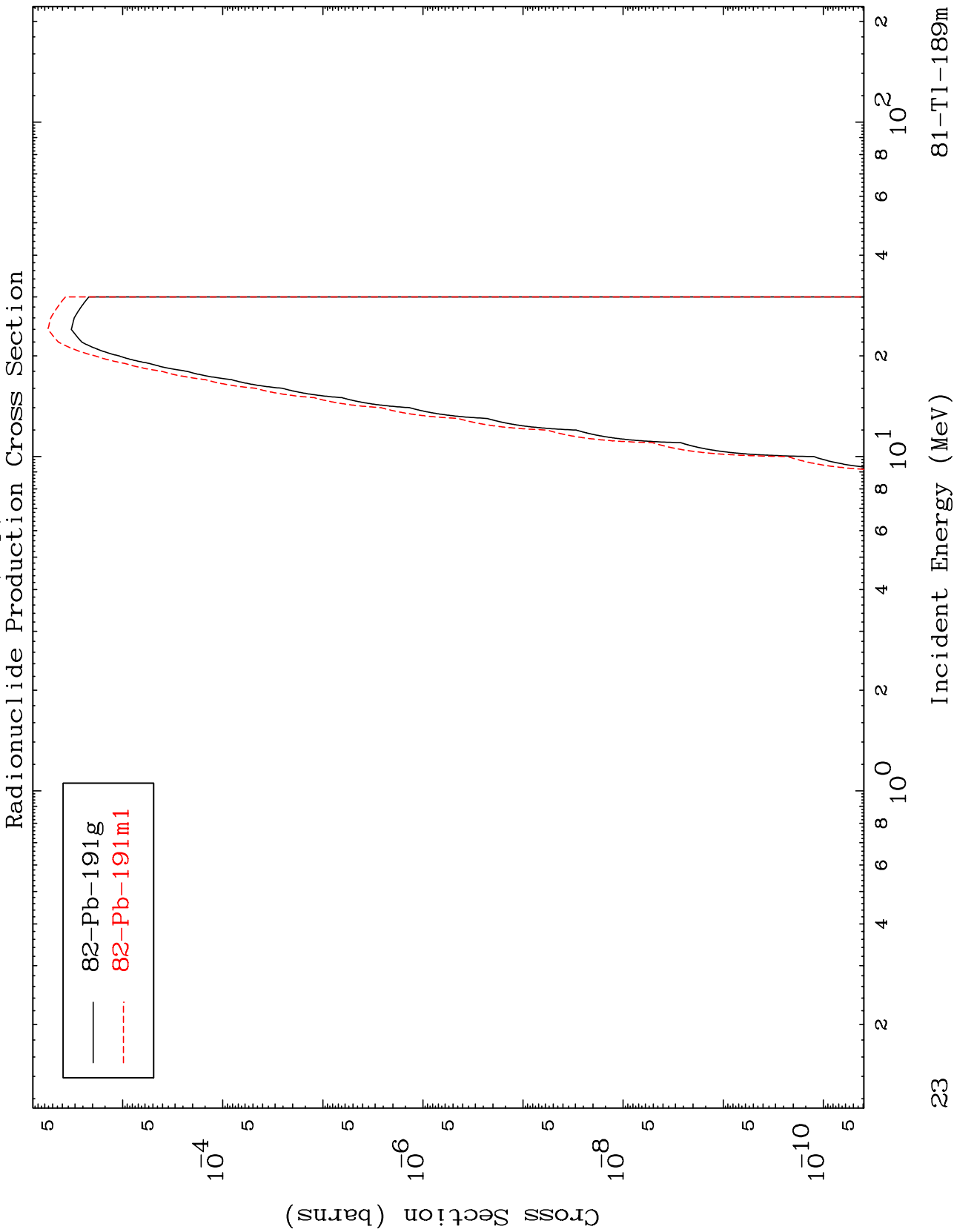
81-Tl-189m

Incident Energy (MeV)

22

MAT 8084

81-Tl-189m

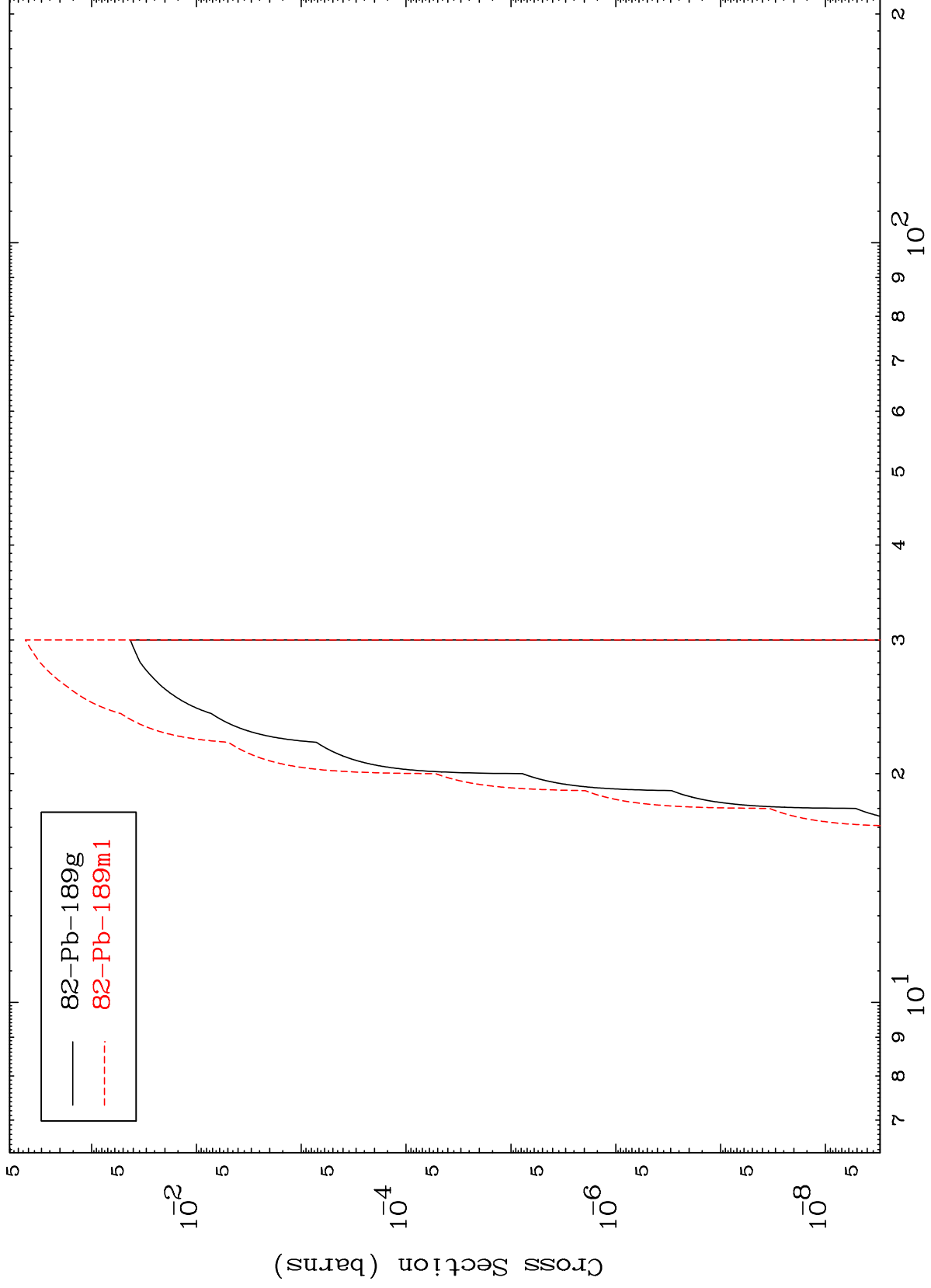


— 82-Pb-191g  
- - - 82-Pb-191m1

MAT 8084

81-Tl-189m

(n, t)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

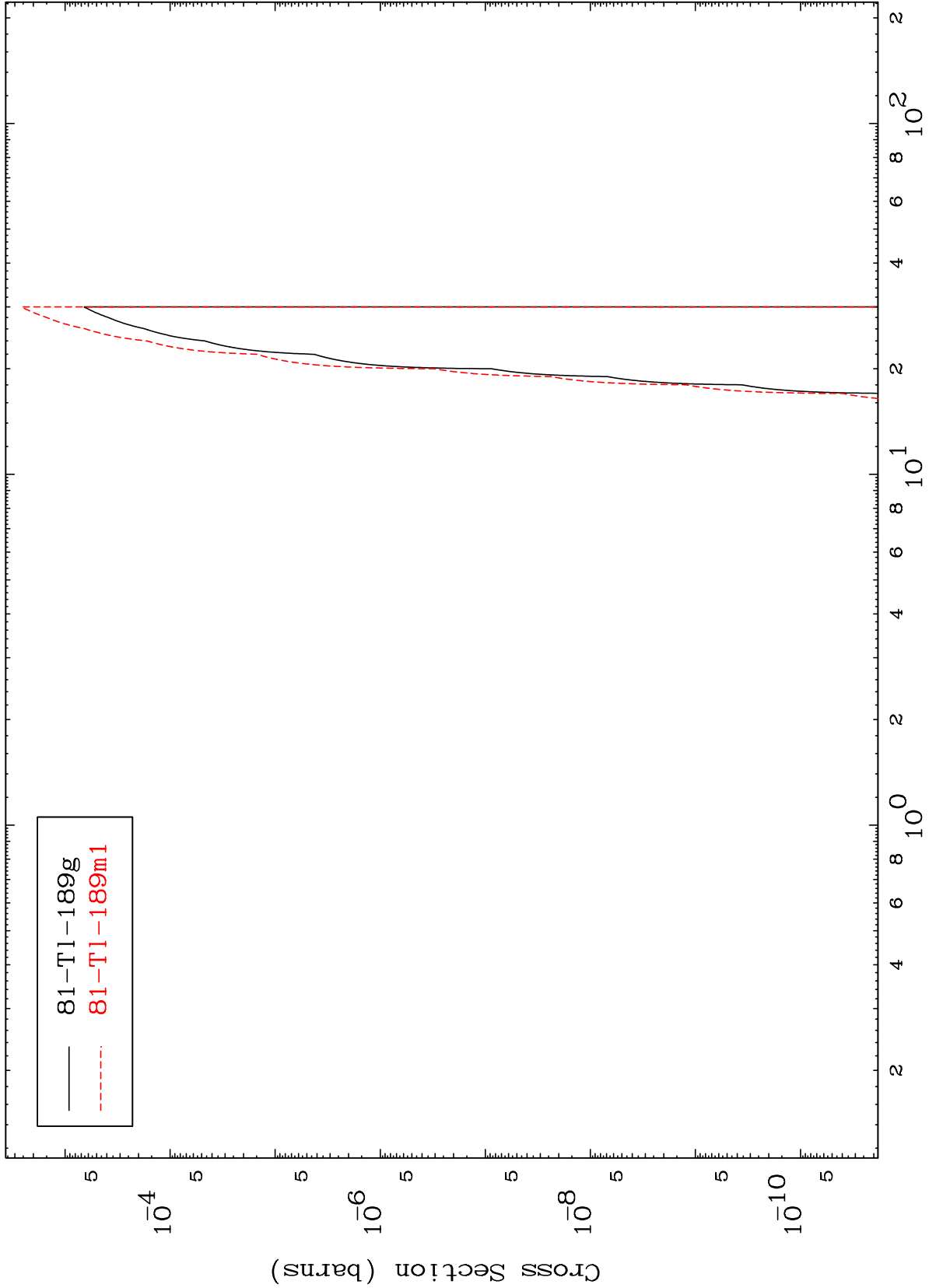
81-Tl-189m

MAT 8084

(n,He-3)

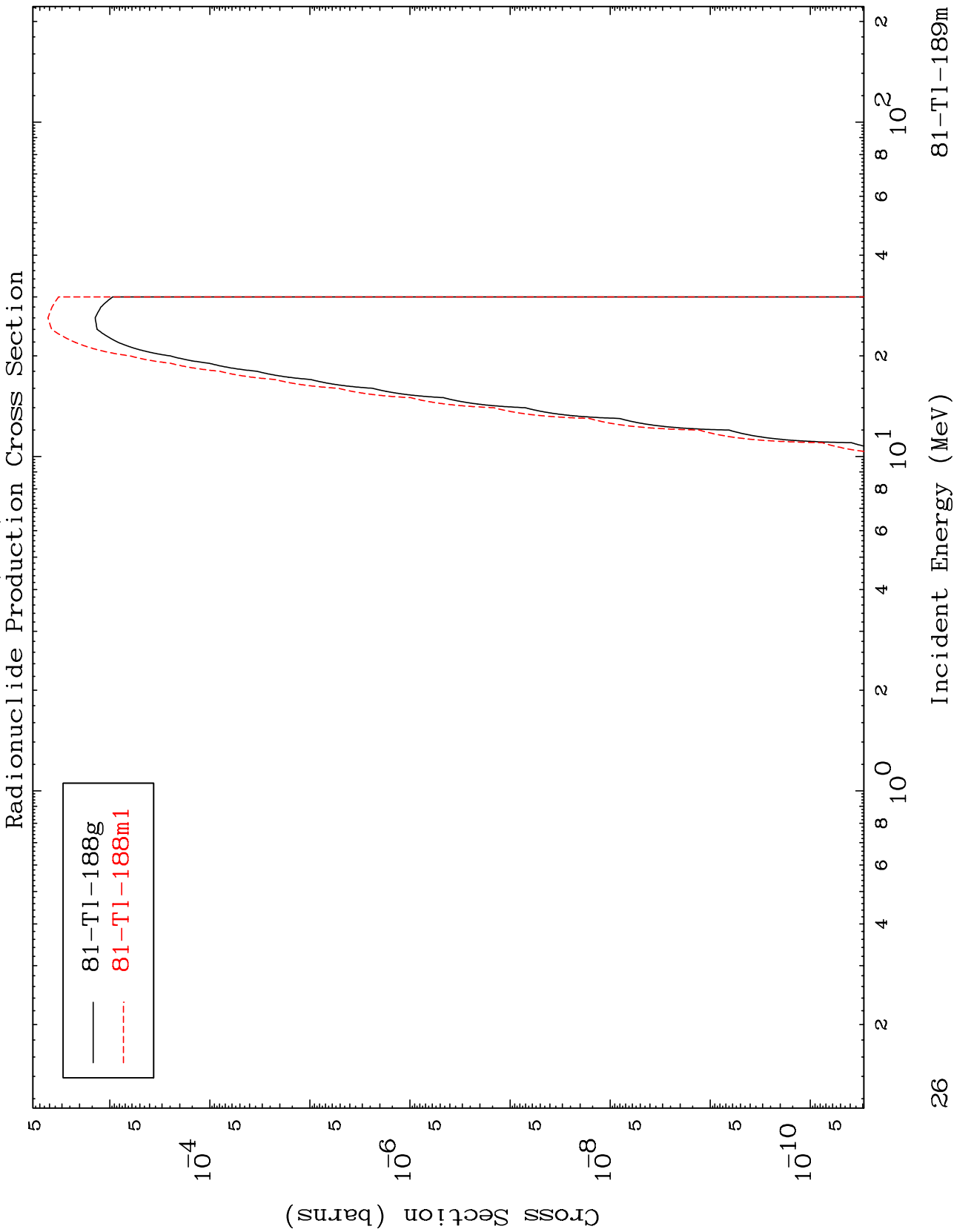
81-Tl-189m

Radionuclide Production Cross Section



MAT 8084

81-Tl-189m

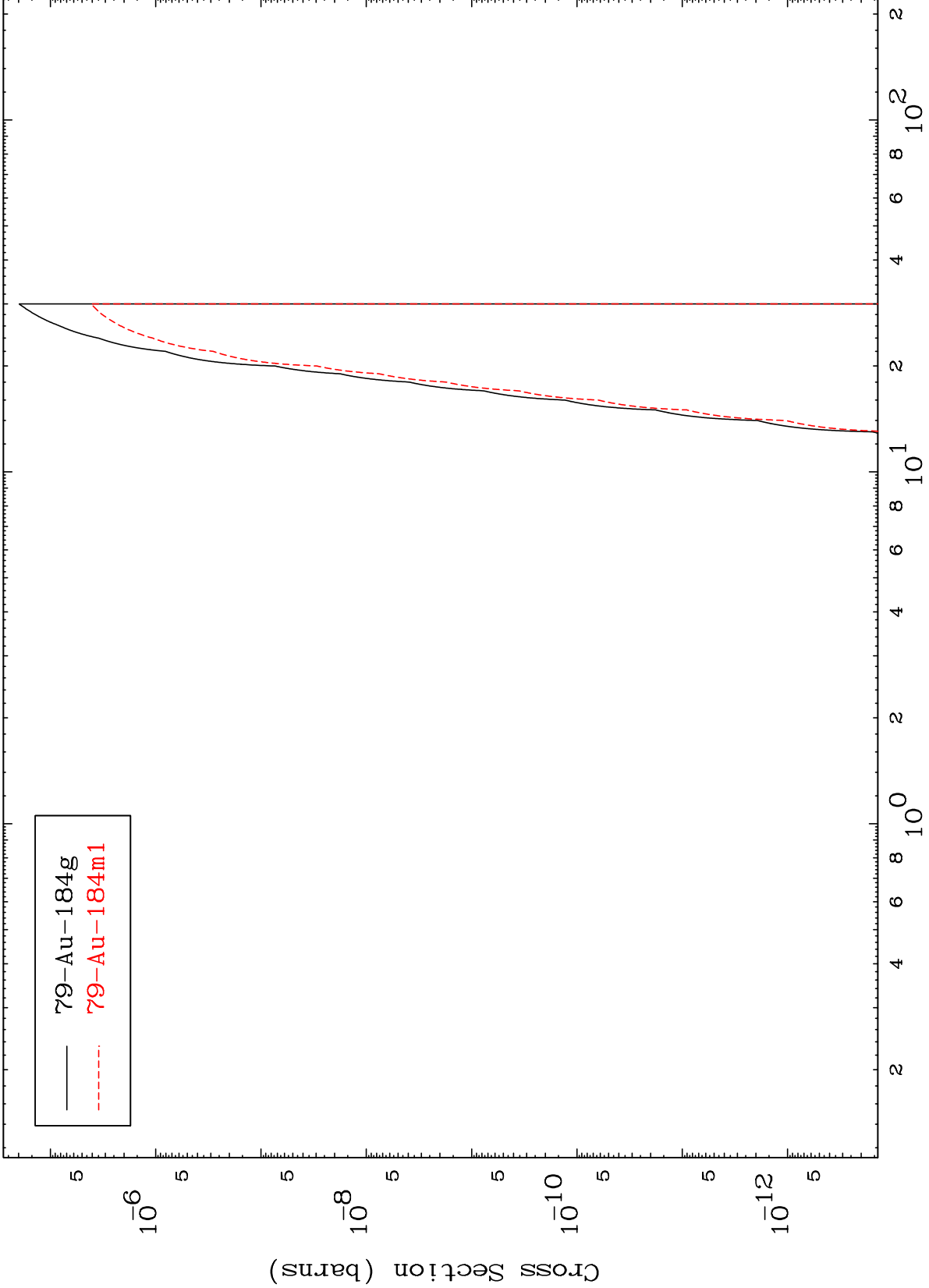


MAT 8084

(n,2α)

81-Tl-189m

Radionuclide Production Cross Section

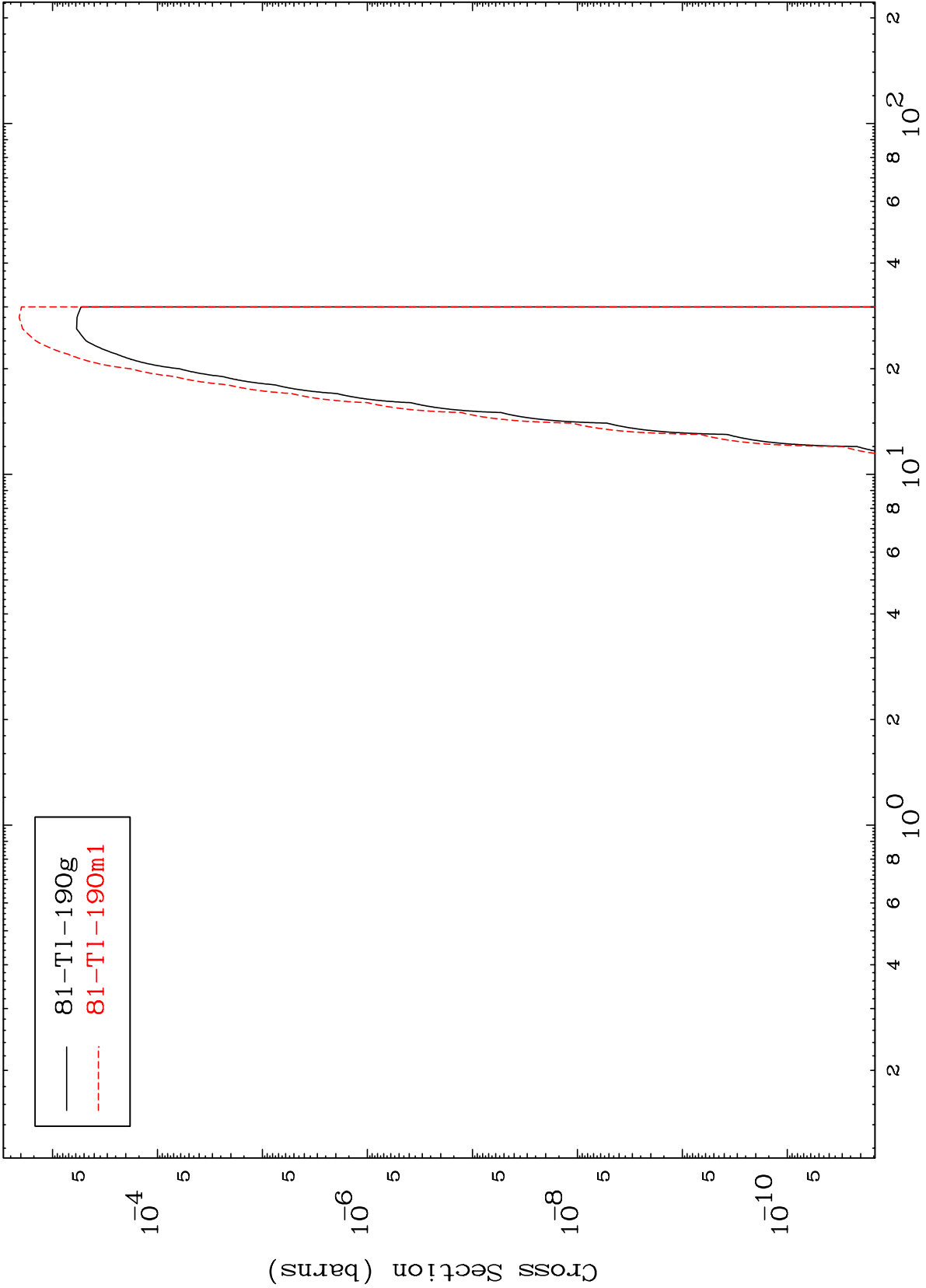


MAT 8084

(n,2p)

81-Tl-189m

Radionuclide Production Cross Section

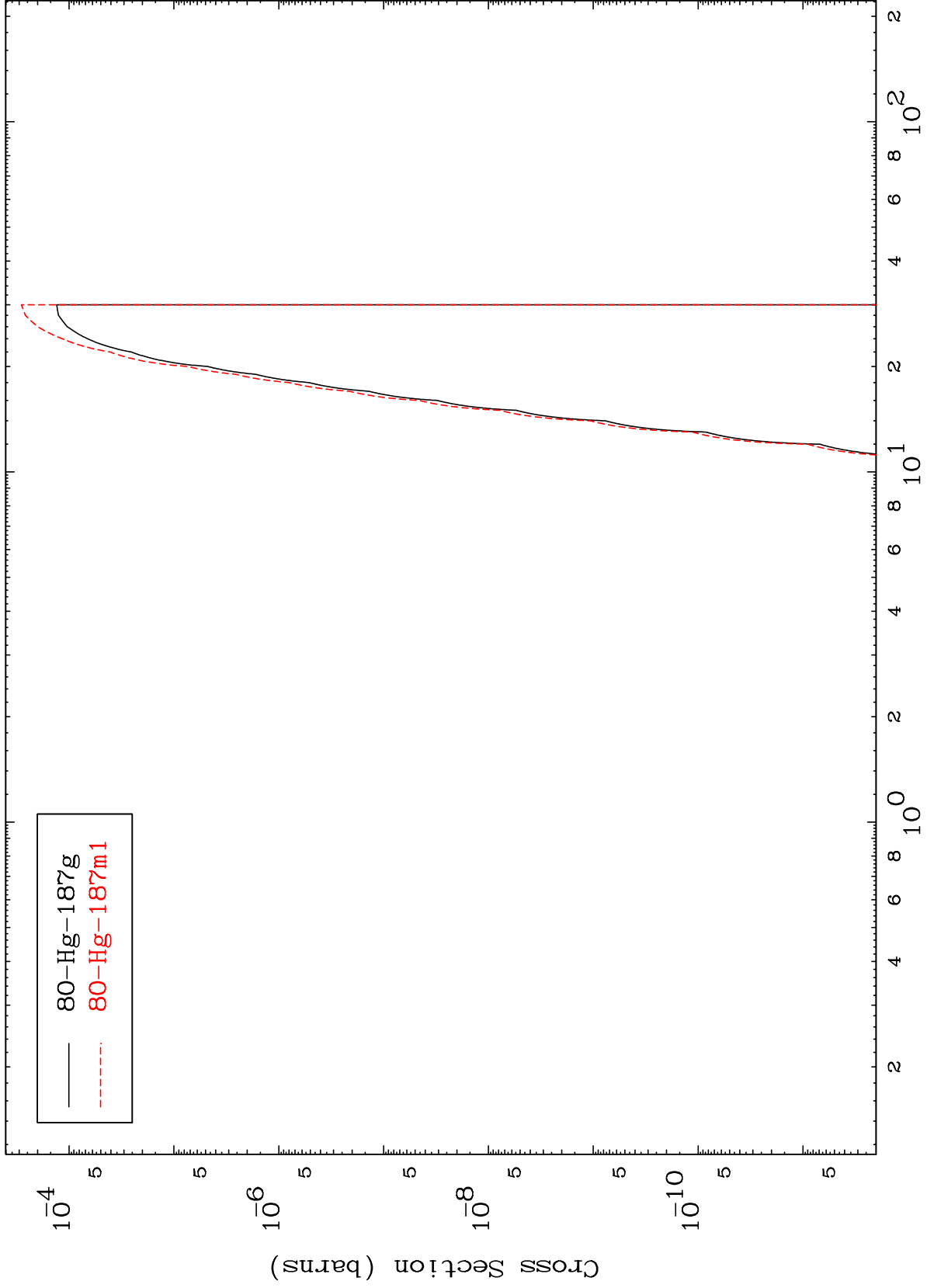


MAT 8084

(n,p)  $\alpha$

81-Tl-189m

Radionuclide Production Cross Section

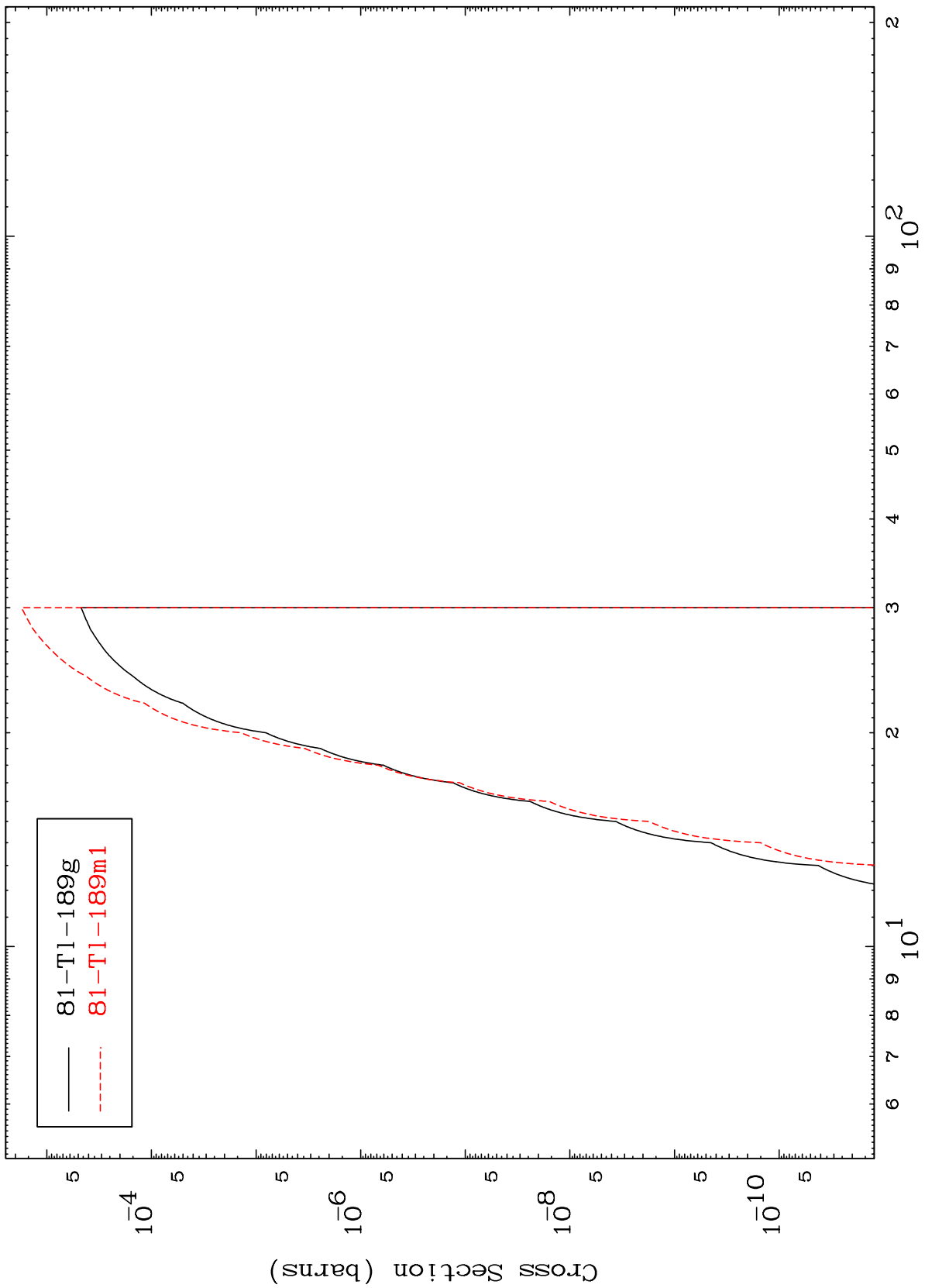


MAT 8084

(n,p) d

81-Tl-189m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

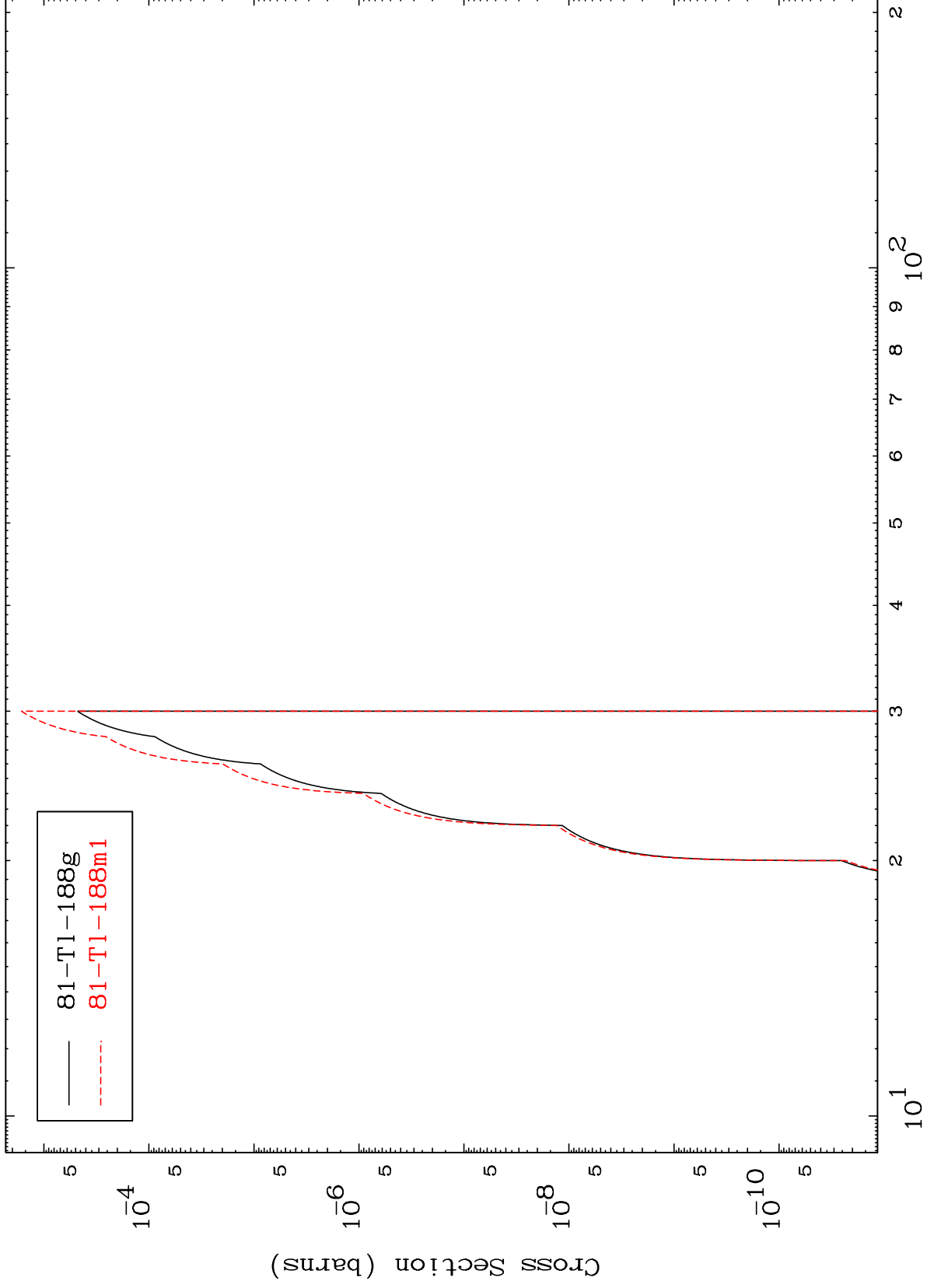
81-Tl-189m

MAT 8084

(n,p) t

81-Tl-189m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

81-Tl-189m