

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

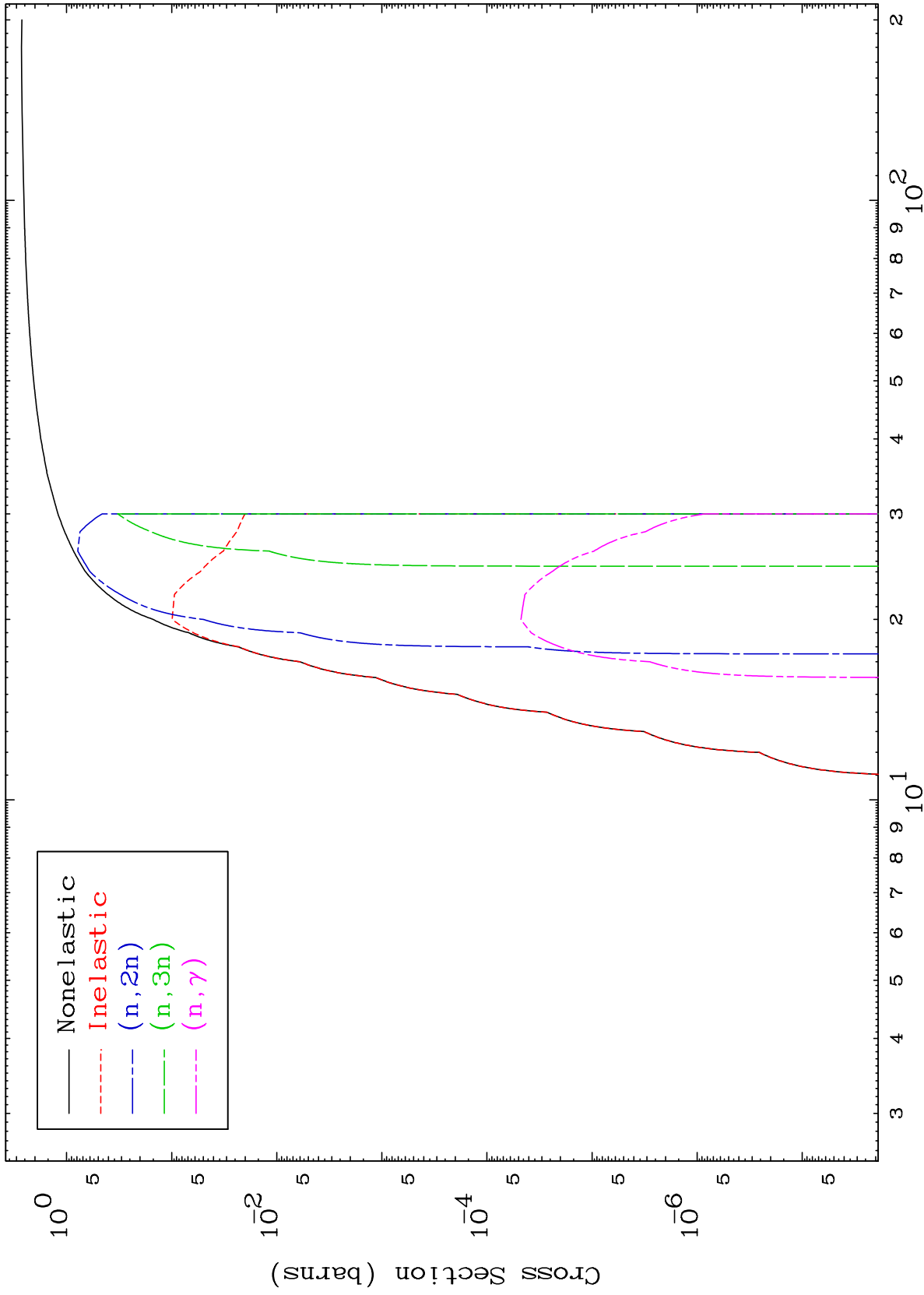
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7529

0 Kelvin  $\alpha$  Major  
Cross Sections

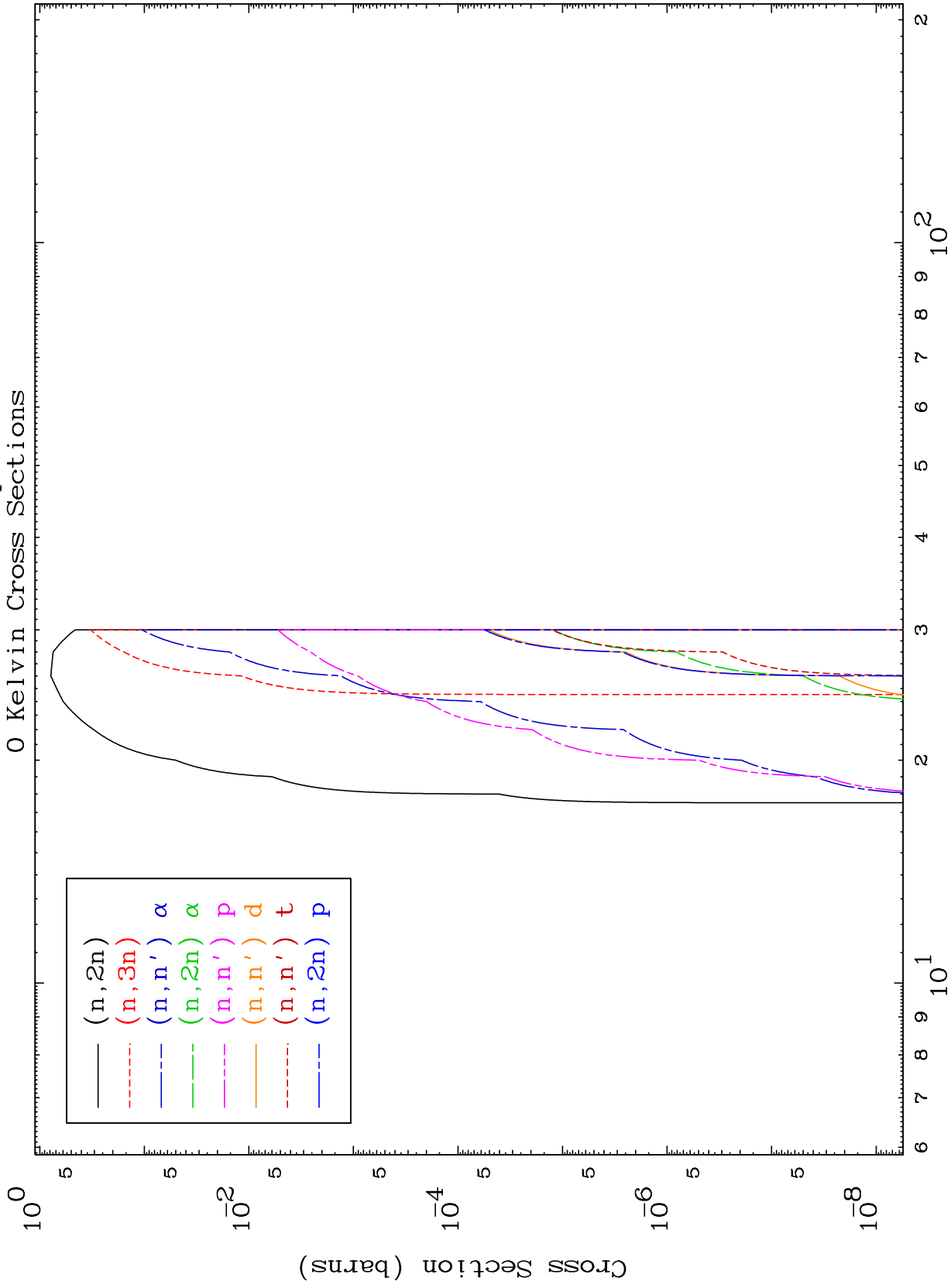
75-Re-186m



MAT 7529

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

75-Re-186m



2

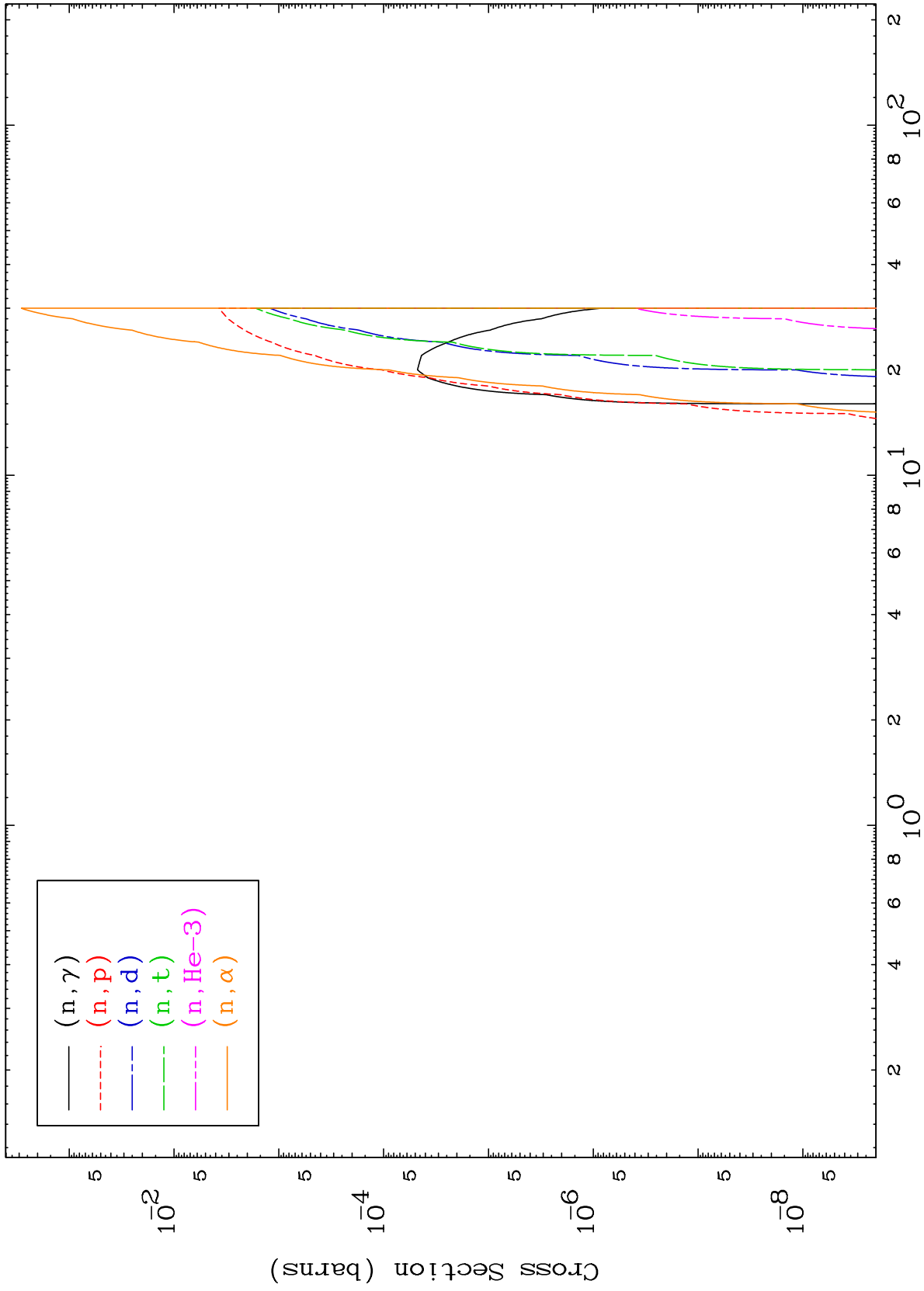
Incident Energy (MeV)

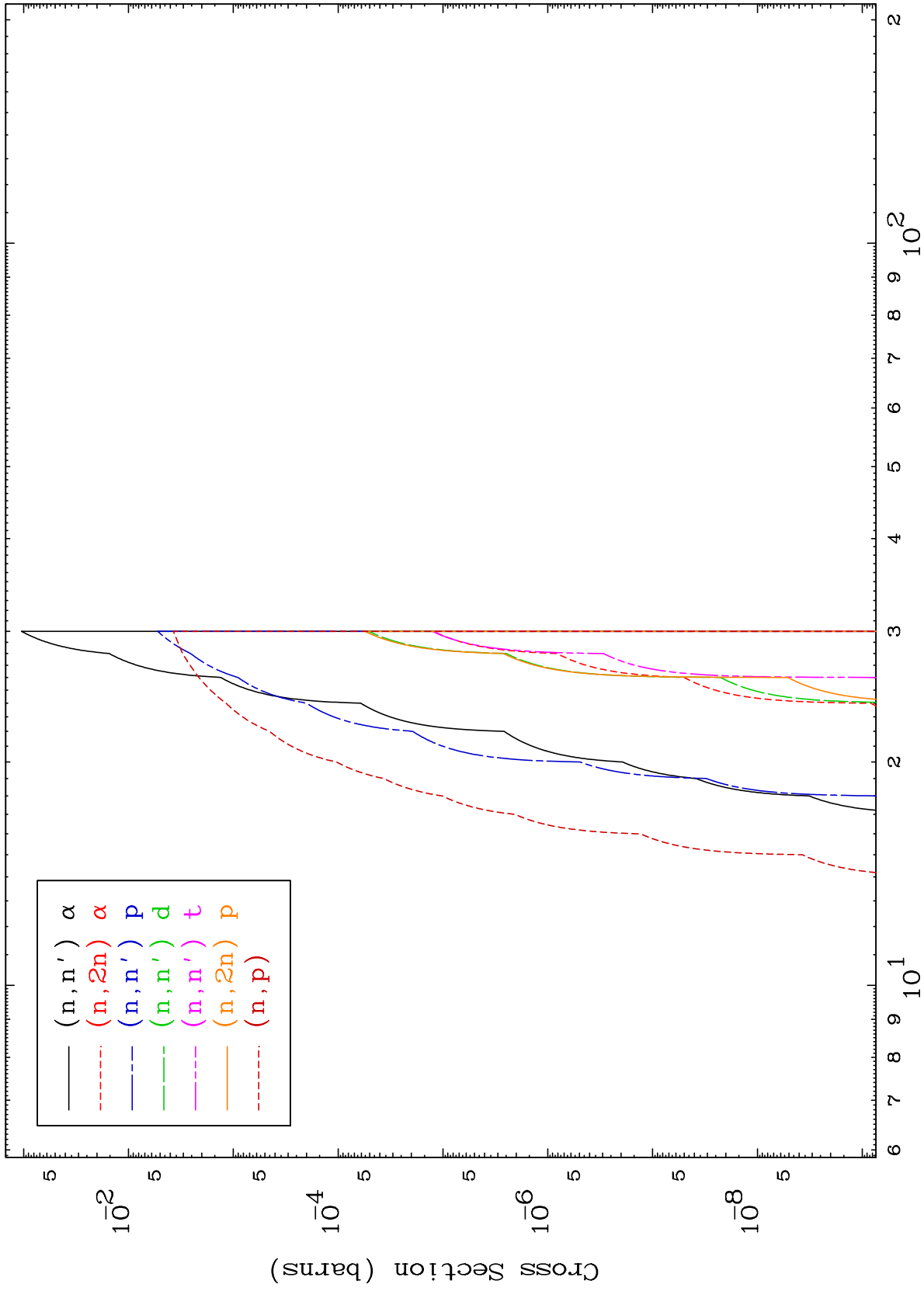
75-Re-186m

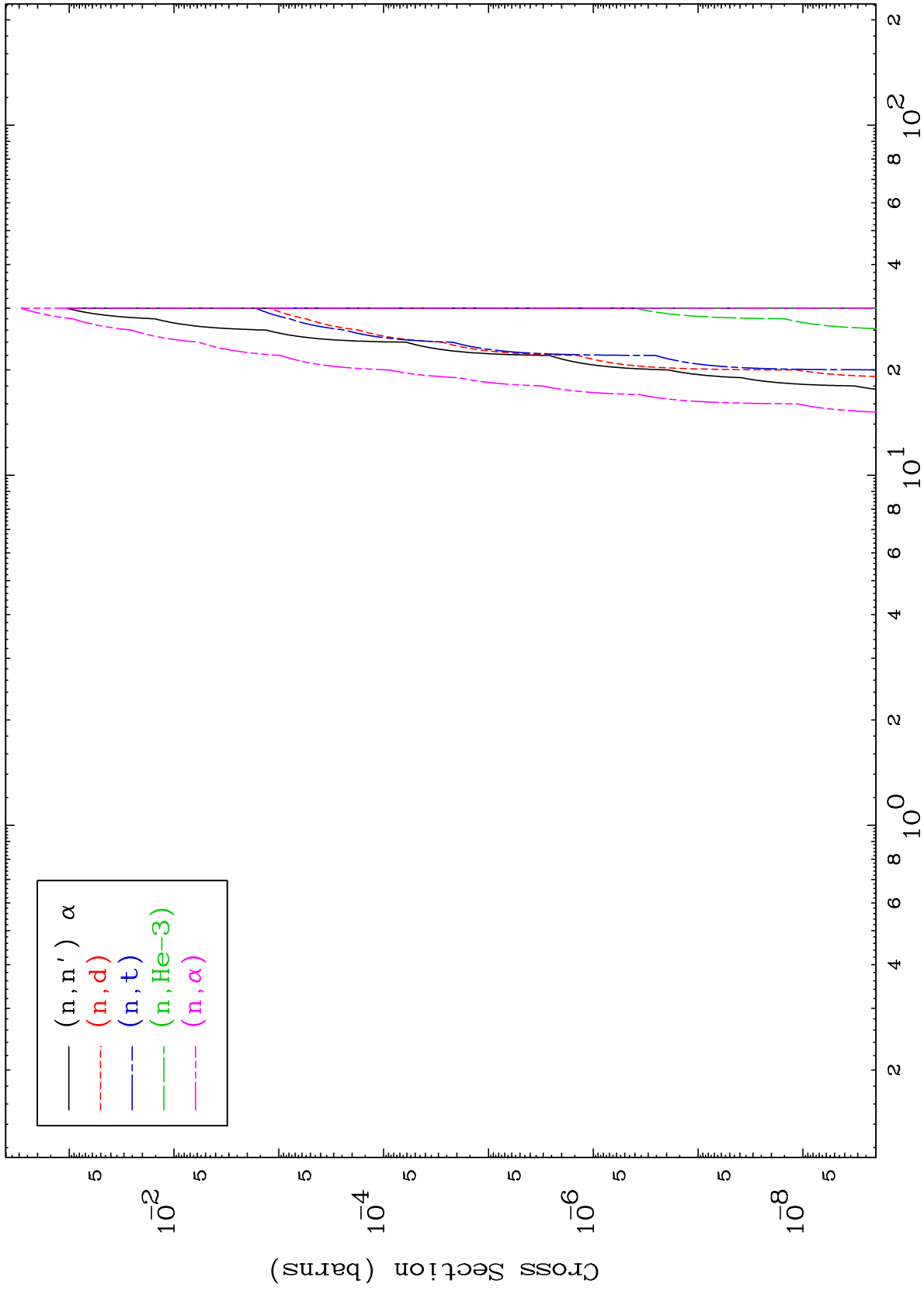
MAT 7529

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

75-Re-186m



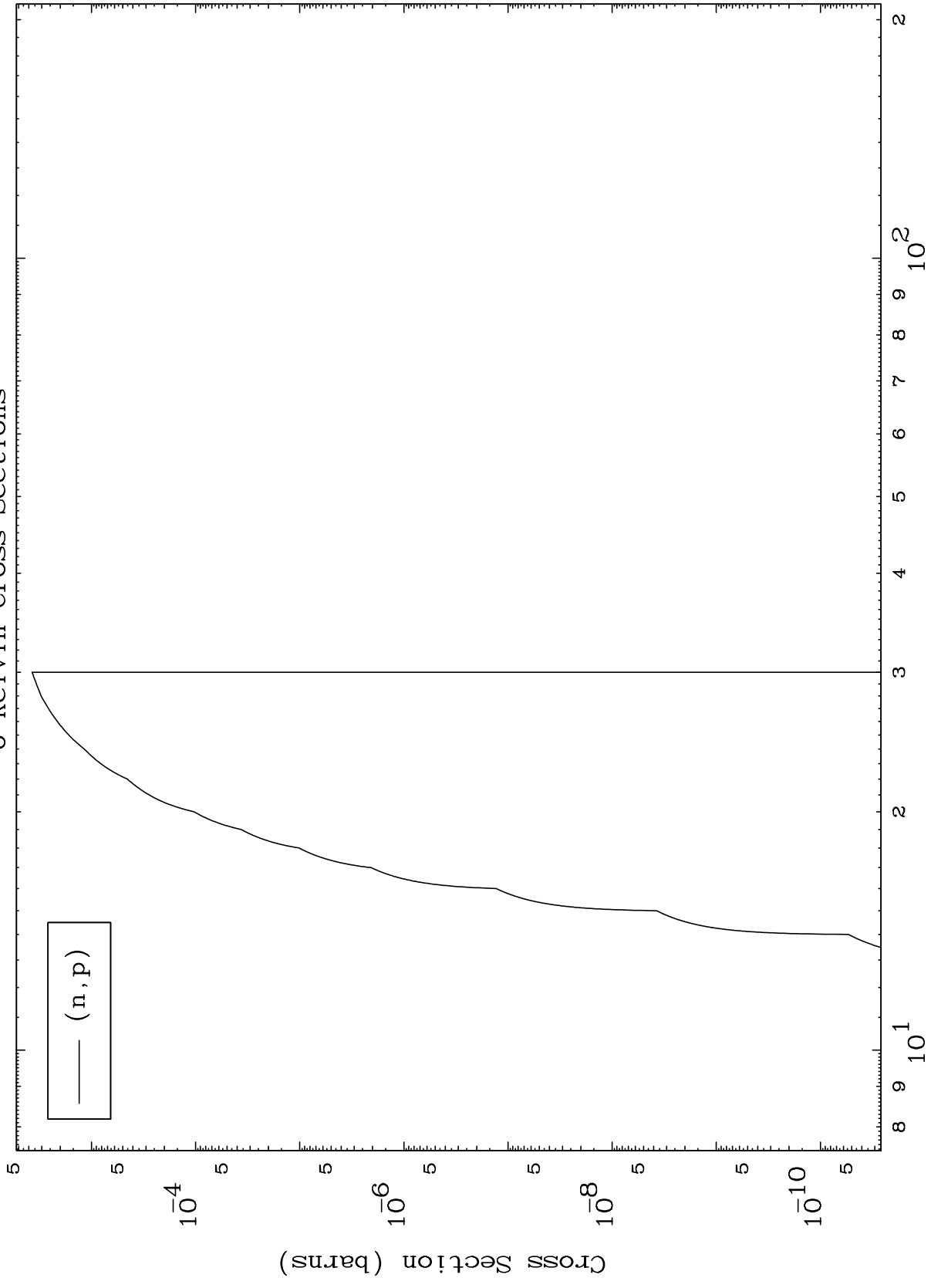




MAT 7529

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

75-Re-186m



6

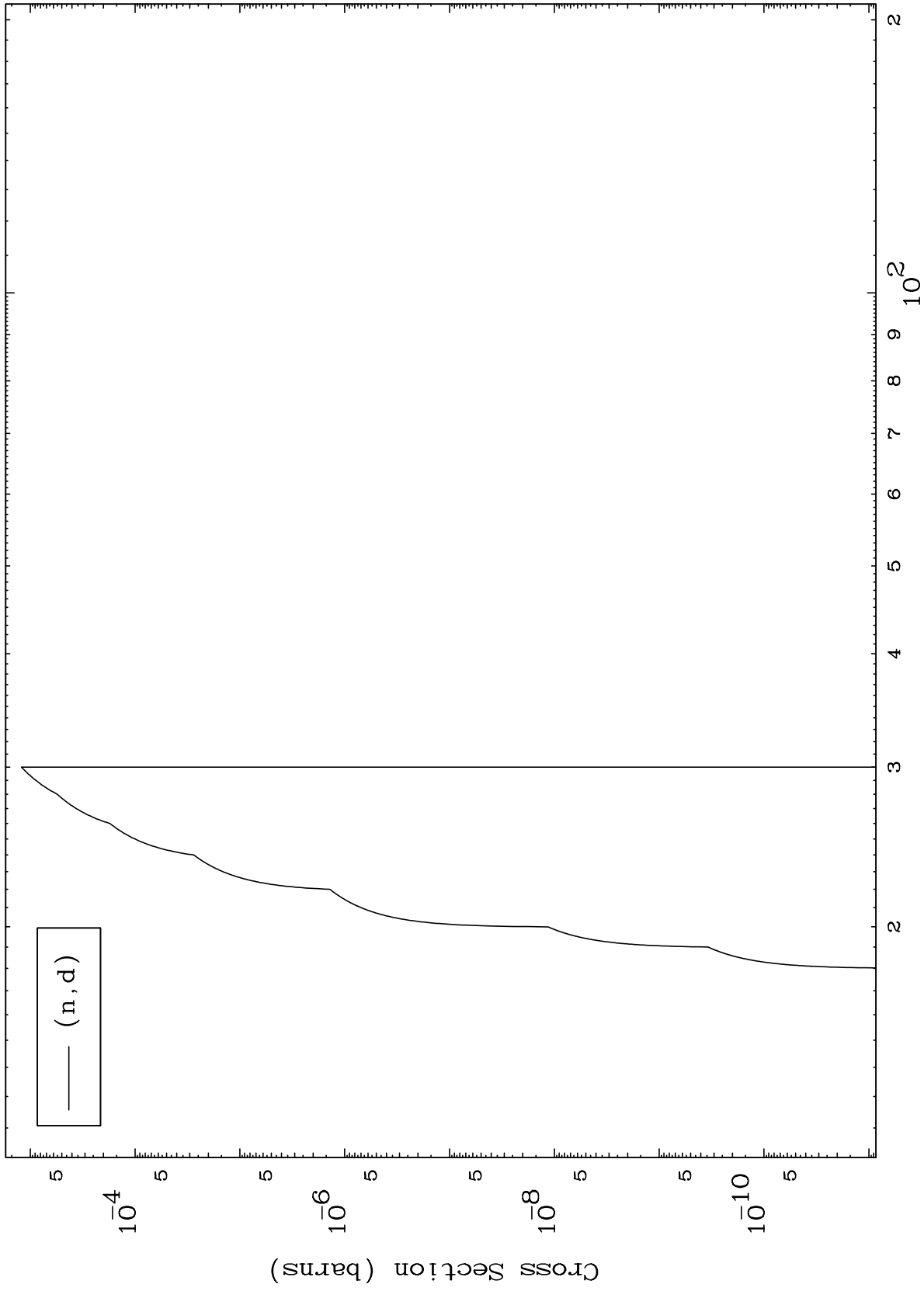
Incident Energy (MeV)

75-Re-186m

MAT 7529

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

<sup>75</sup>Re-<sup>186</sup>m



7

Incident Energy (MeV)

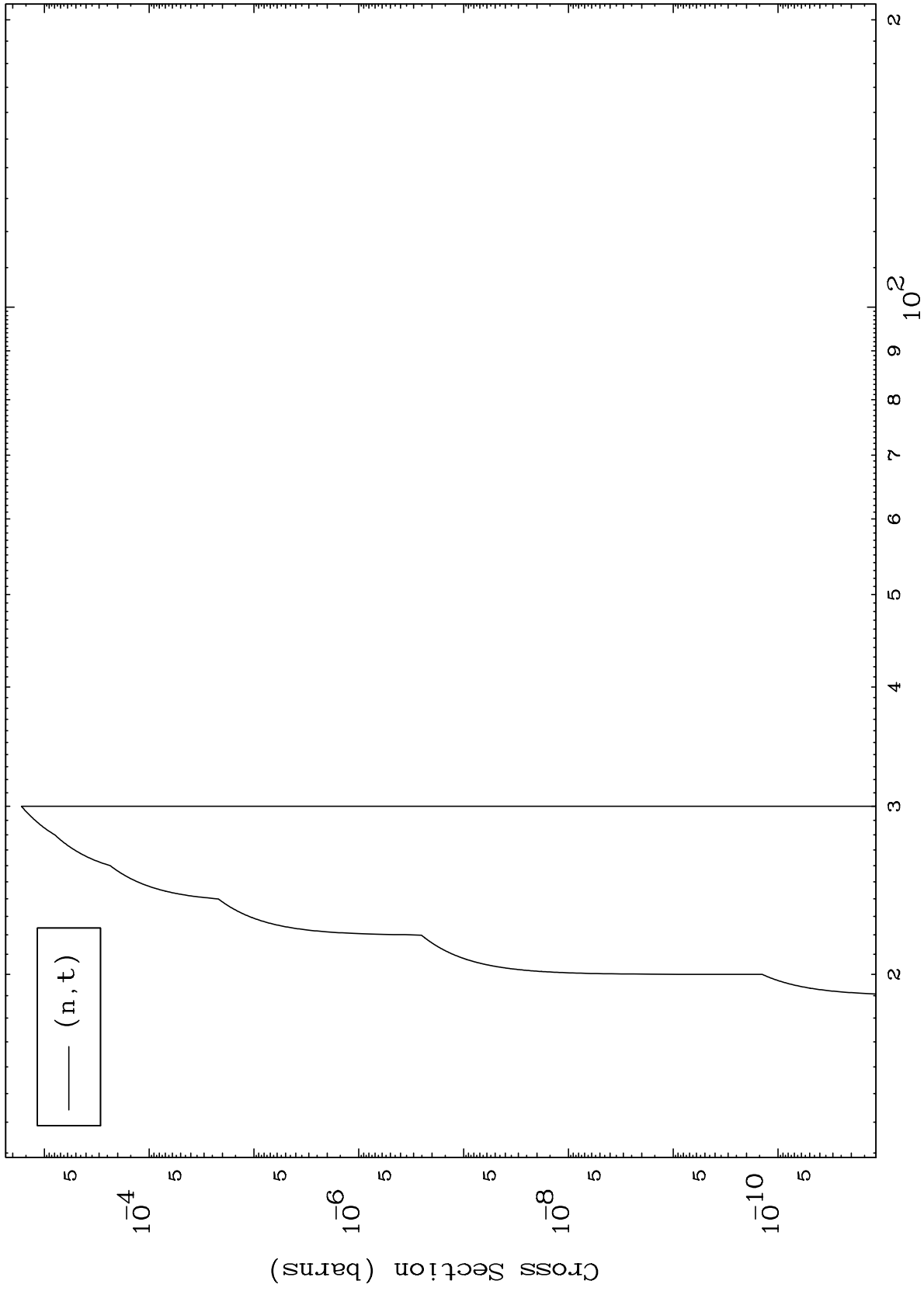
<sup>75</sup>Re-<sup>186</sup>m



MAT 7529

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

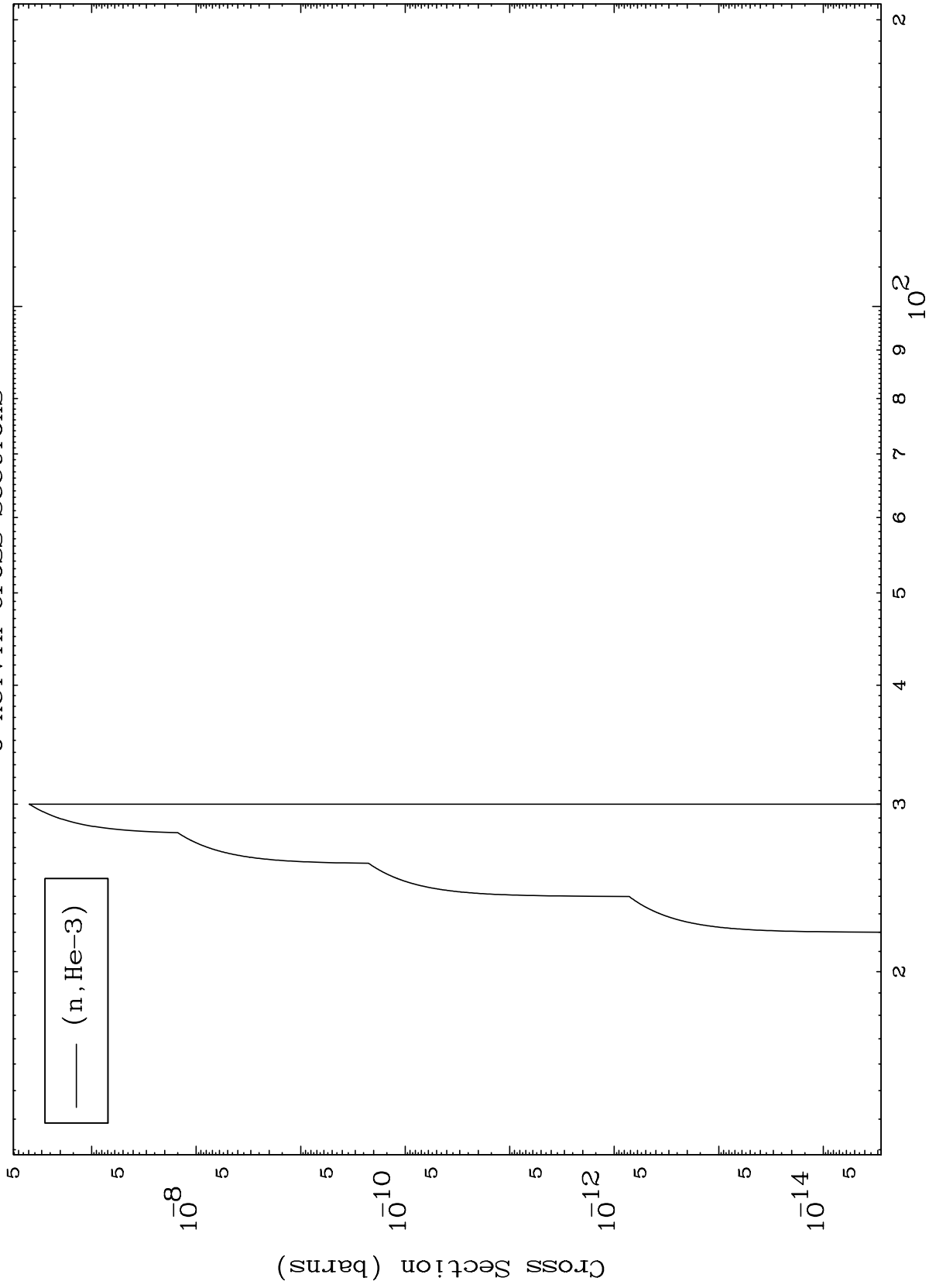
75-Re-186m



8

Incident Energy (MeV)

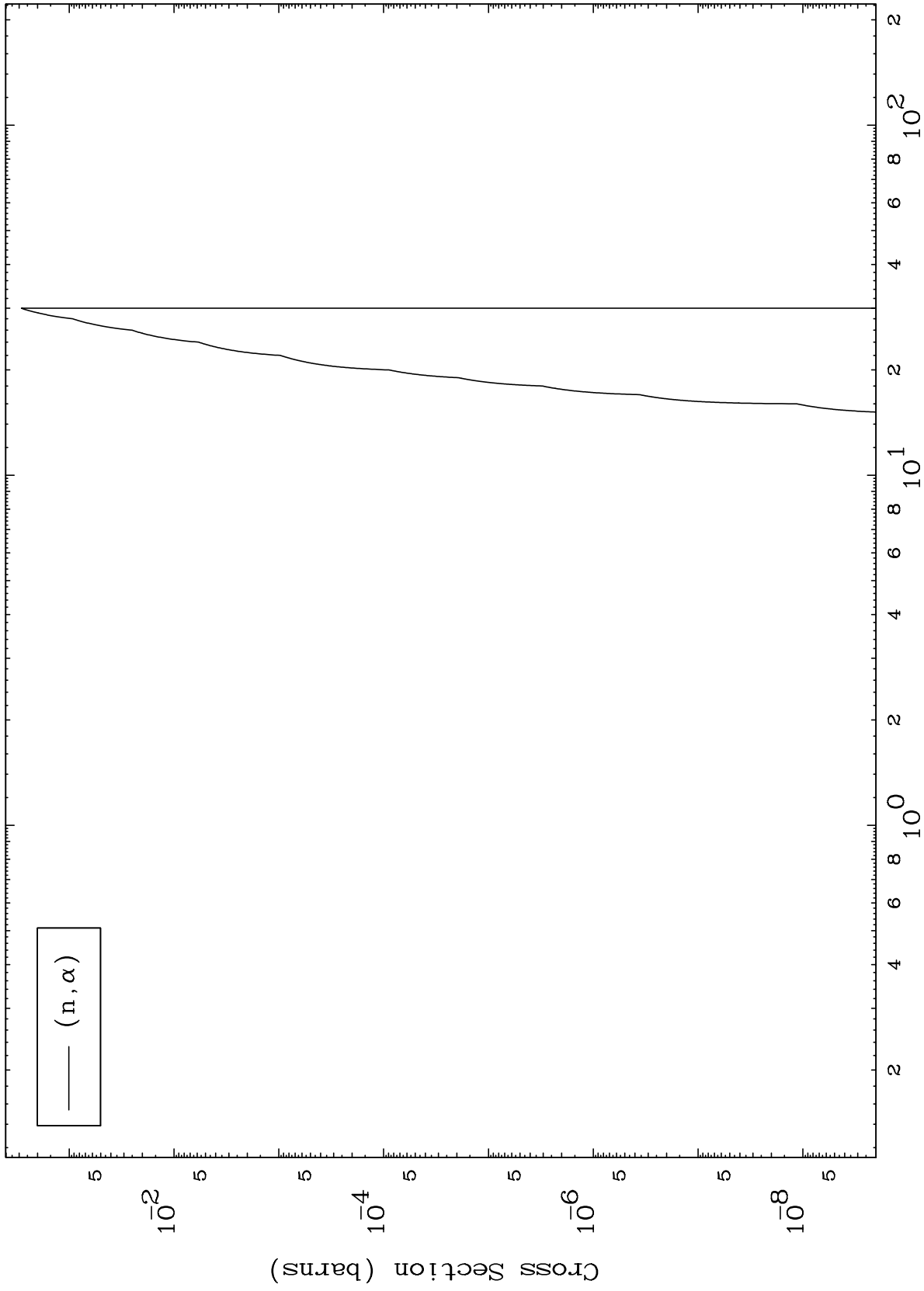
75-Re-186m



MAT 7529

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

75-Re-186m



10

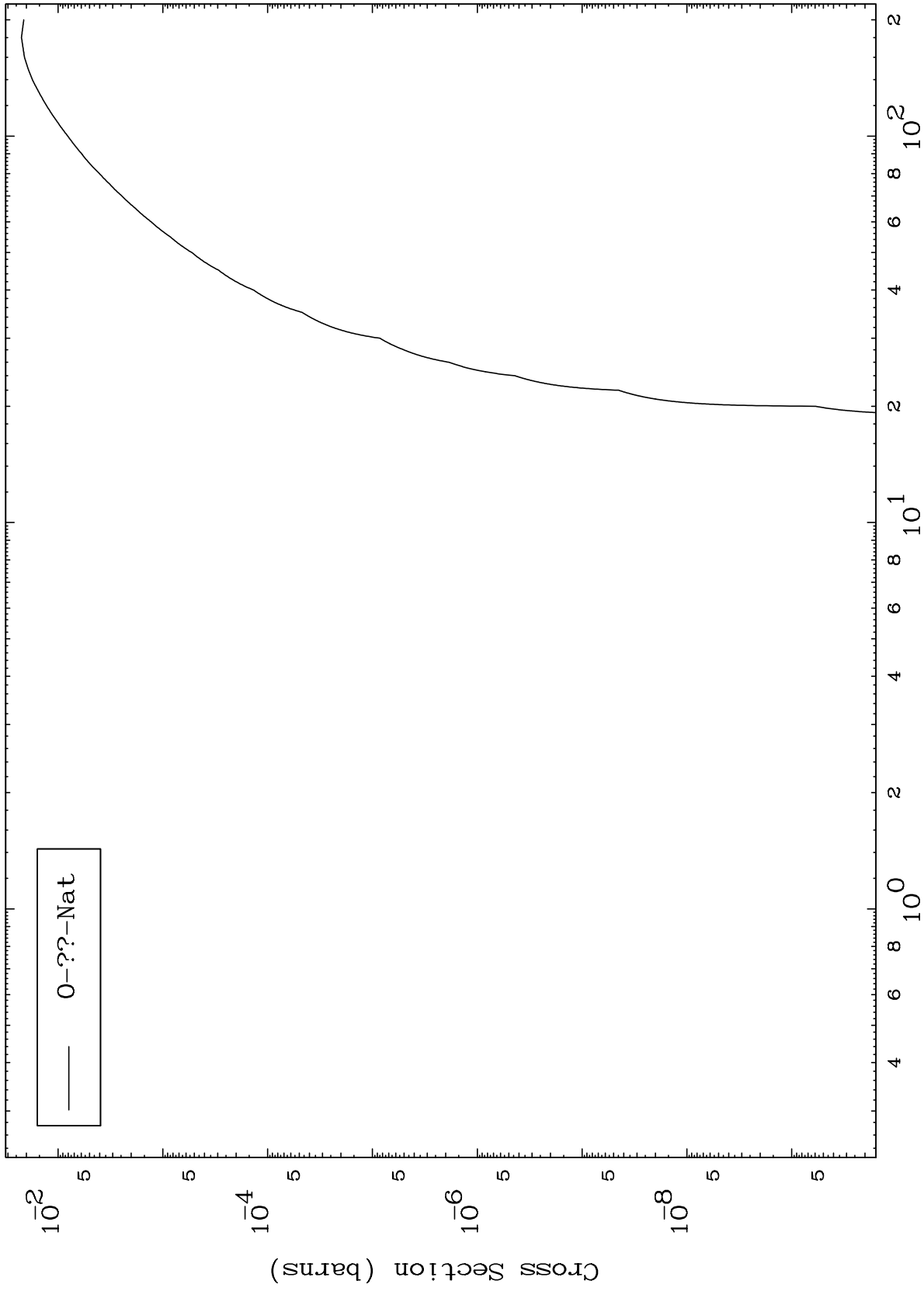
Incident Energy (MeV)

75-Re-186m

MAT 7529

Fission  
Radionuclide Production Cross Section

<sup>75</sup>Re-186m



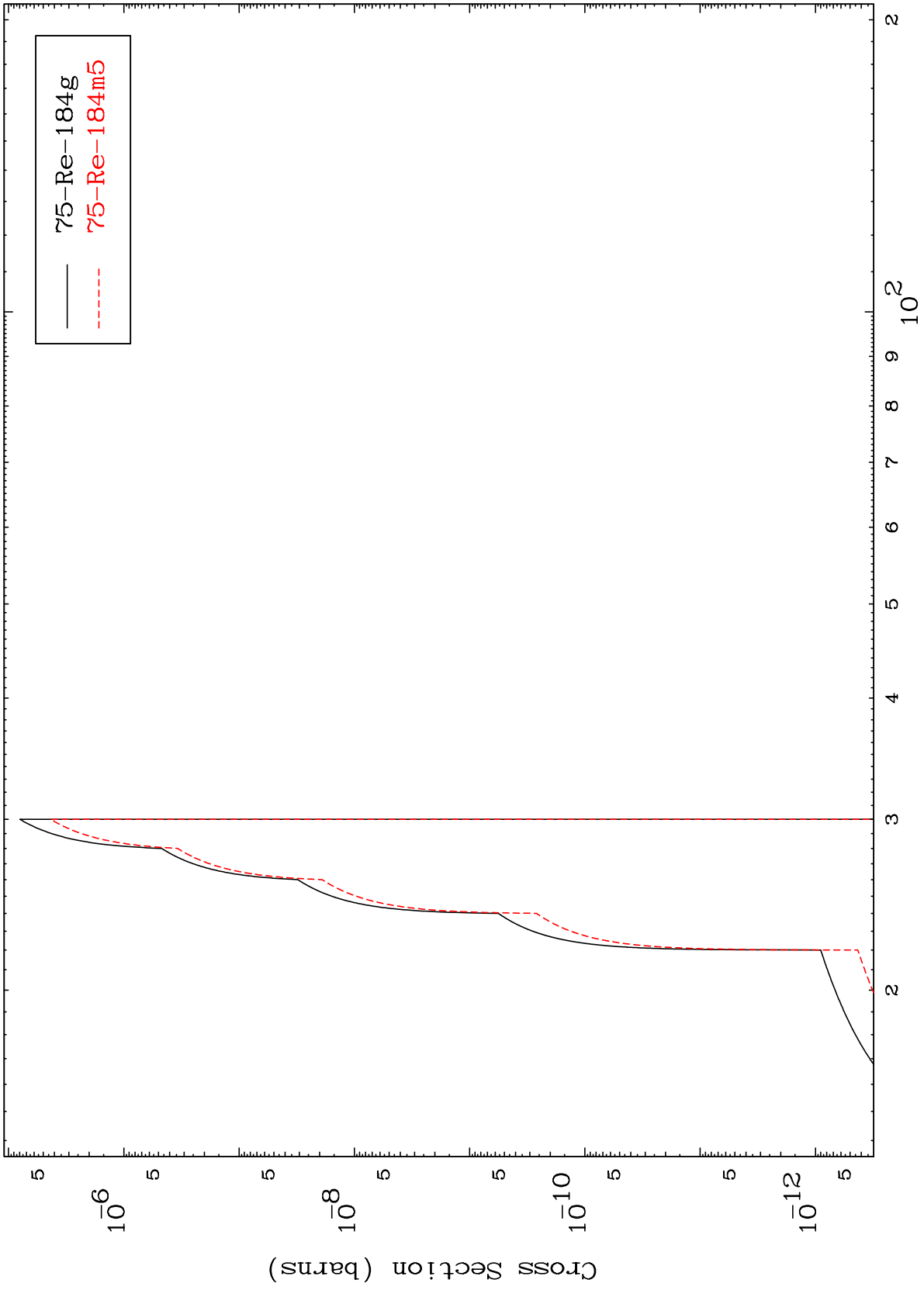
<sup>75</sup>Re-186m

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(n,2n)  $\alpha$

<sup>75</sup>Re-<sup>186</sup>m

Radionuclide Production Cross Section



12

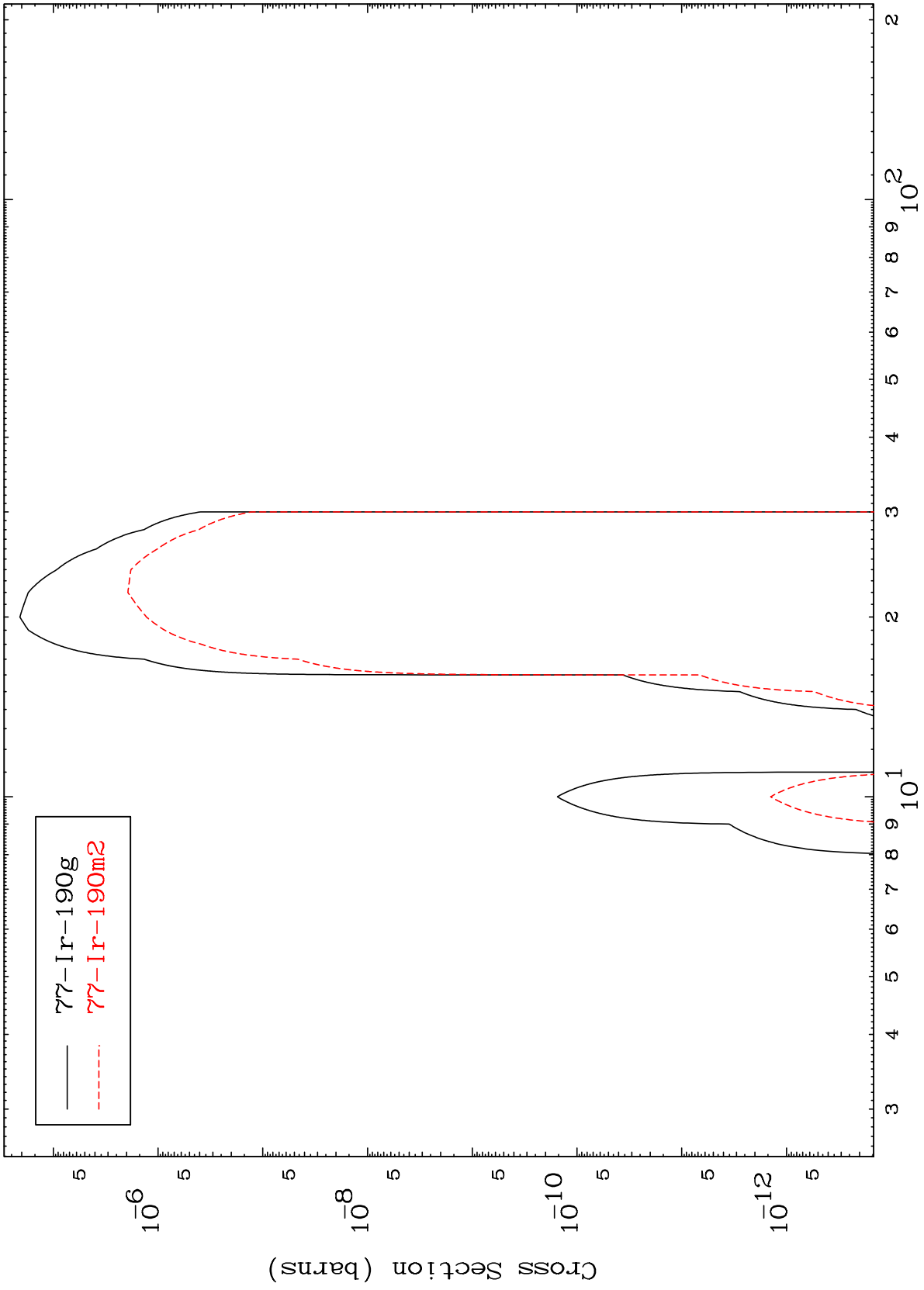
Incident Energy (MeV)

<sup>75</sup>Re-<sup>186</sup>m

MAT 7529

75-Re-186m

(n,γ)  
Radionuclide Production Cross Section



13

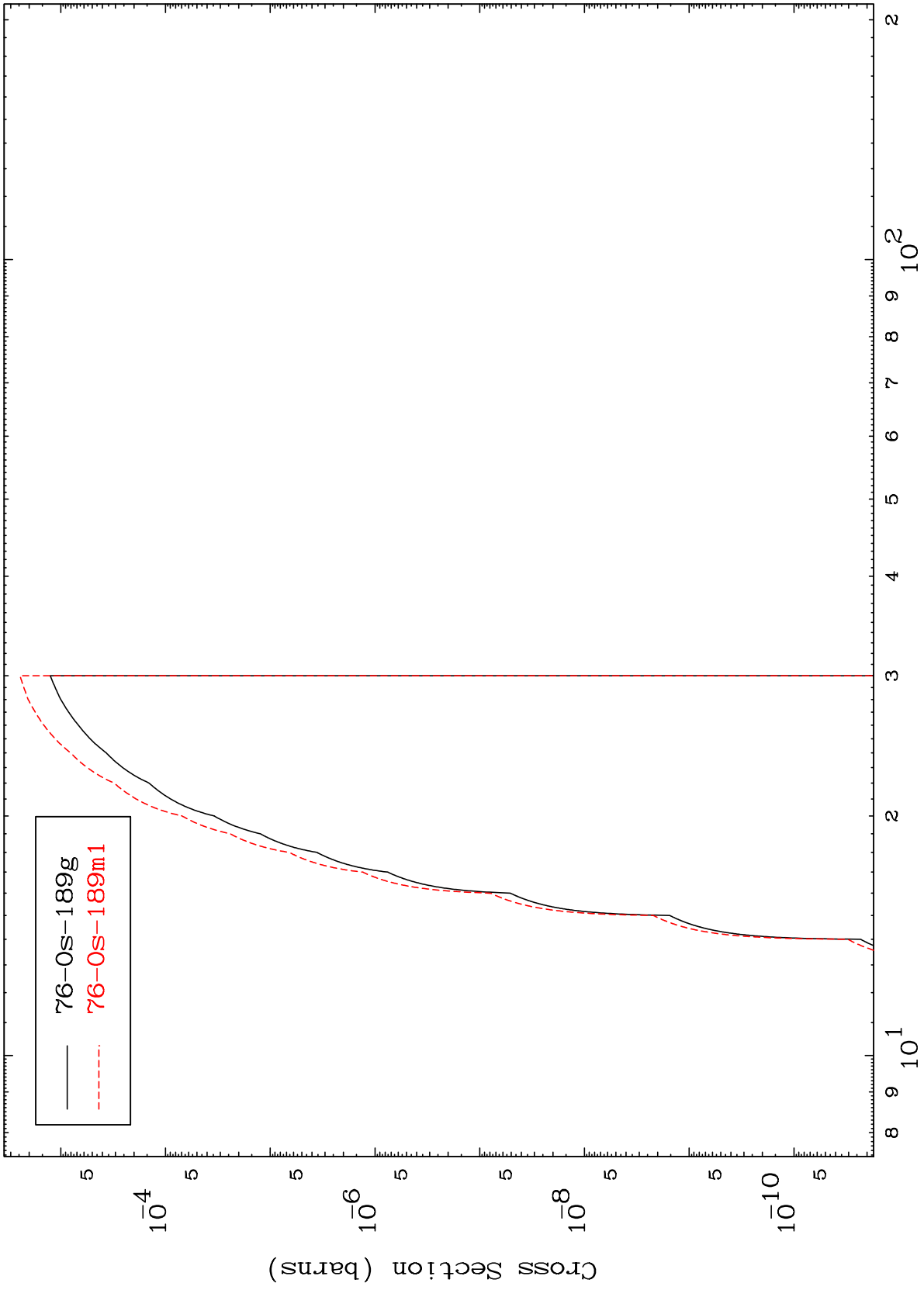
Incident Energy (MeV)

75-Re-186m

MAT 7529

75-Re-186m

Radionuclide Production Cross Section (n,p)



14

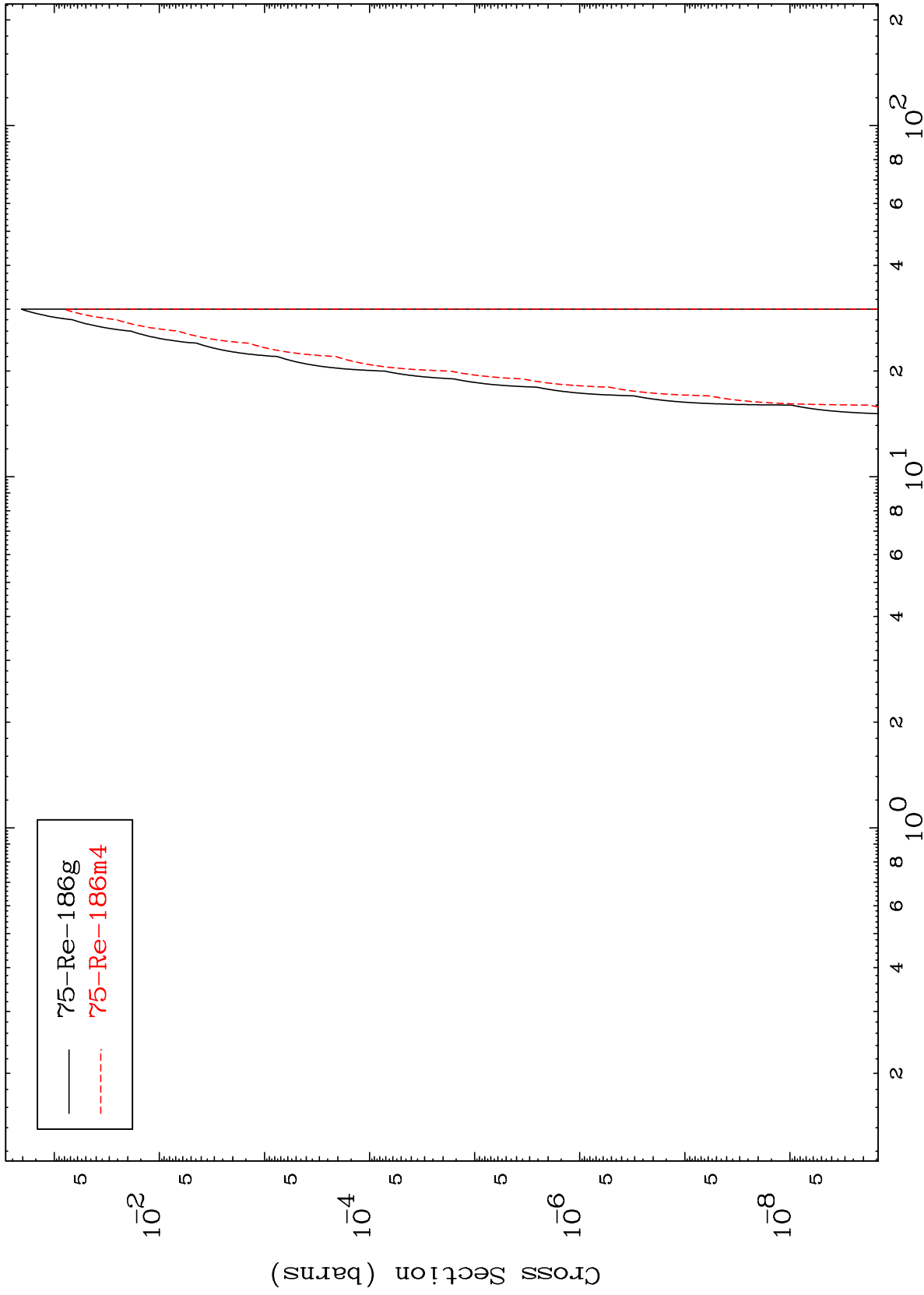
75-Re-186m

MAT 7529

(n,  $\alpha$ )

<sup>75</sup>Re-<sup>186</sup>m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>75</sup>Re-<sup>186</sup>m

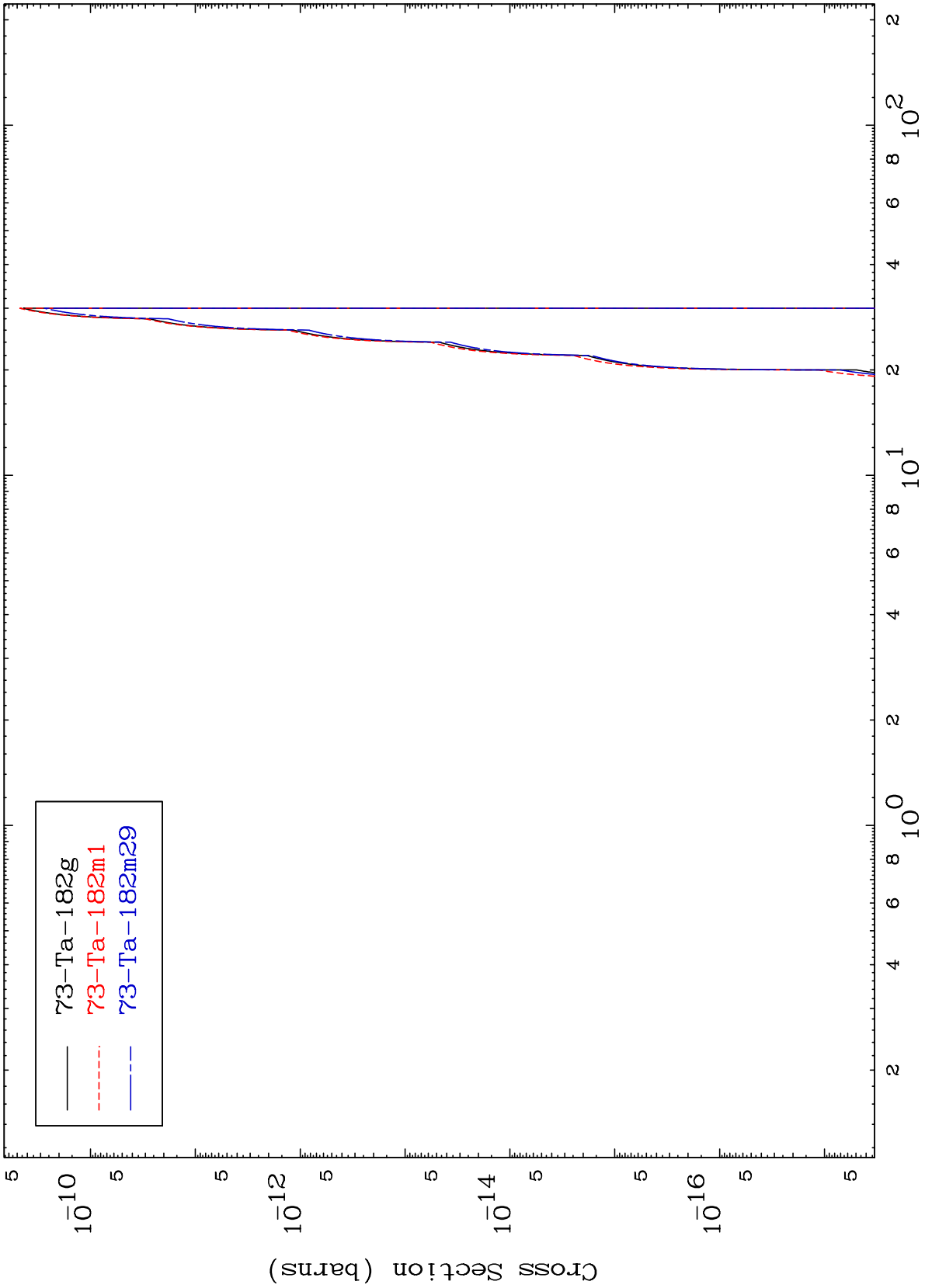


MAT 7529

(n,2α)

75-Re-186m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

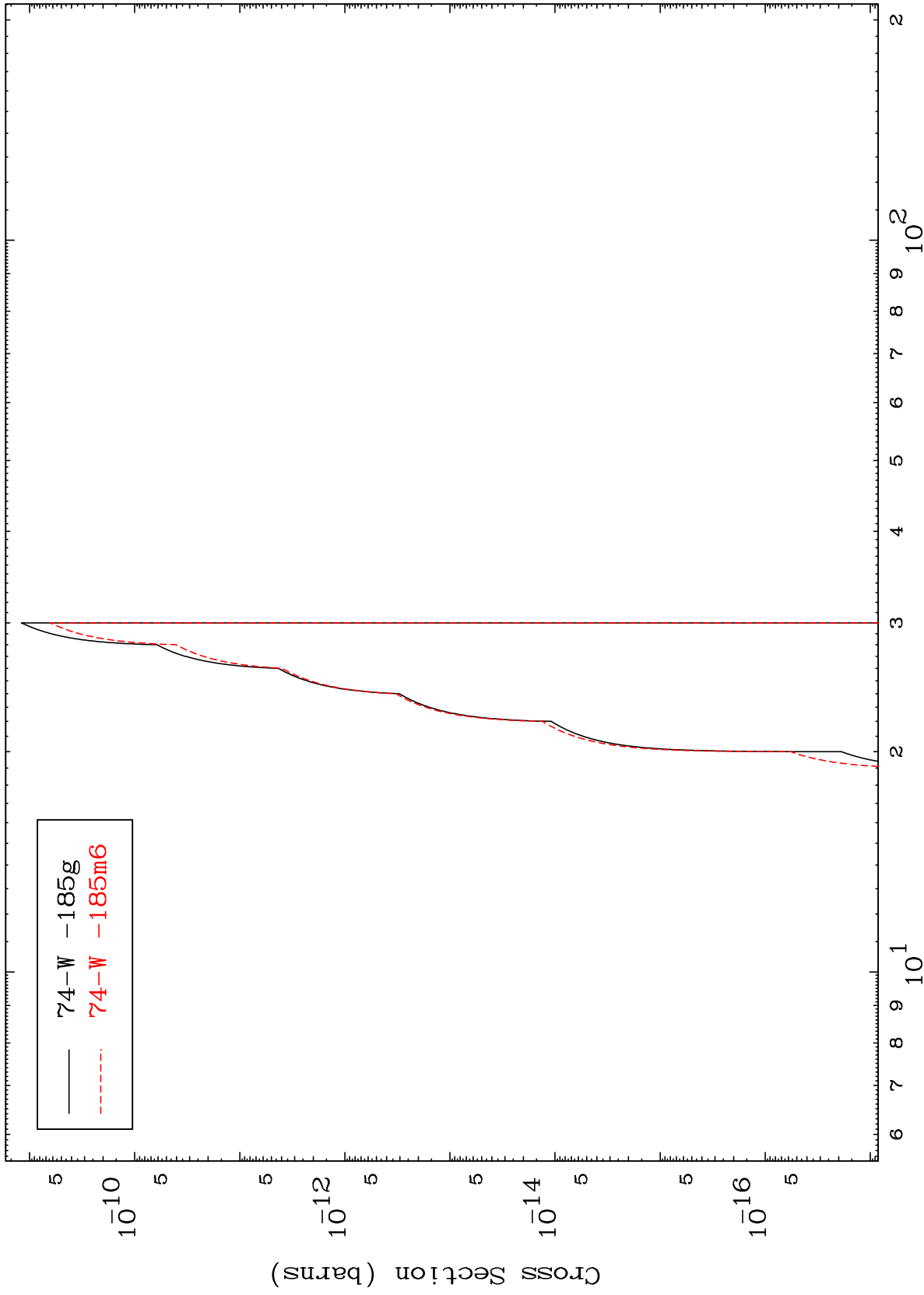
75-Re-186m

MAT 7529

(n,p)  $\alpha$

75-Re-186m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

75-Re-186m