

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

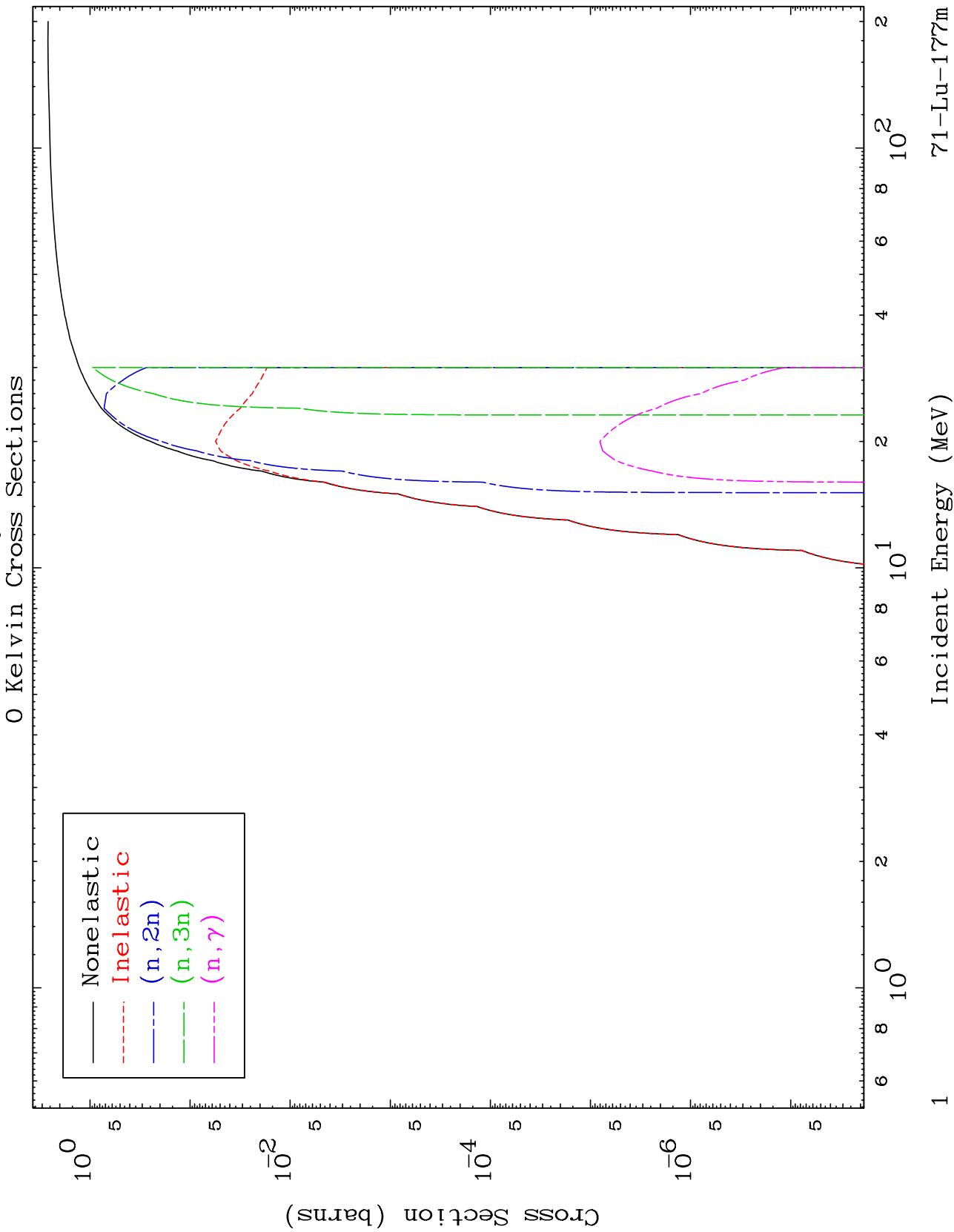
Press Mouse Button to Start

MAT 7132

0 Kelvin

$\alpha$  Major

71-Lu-177m



1

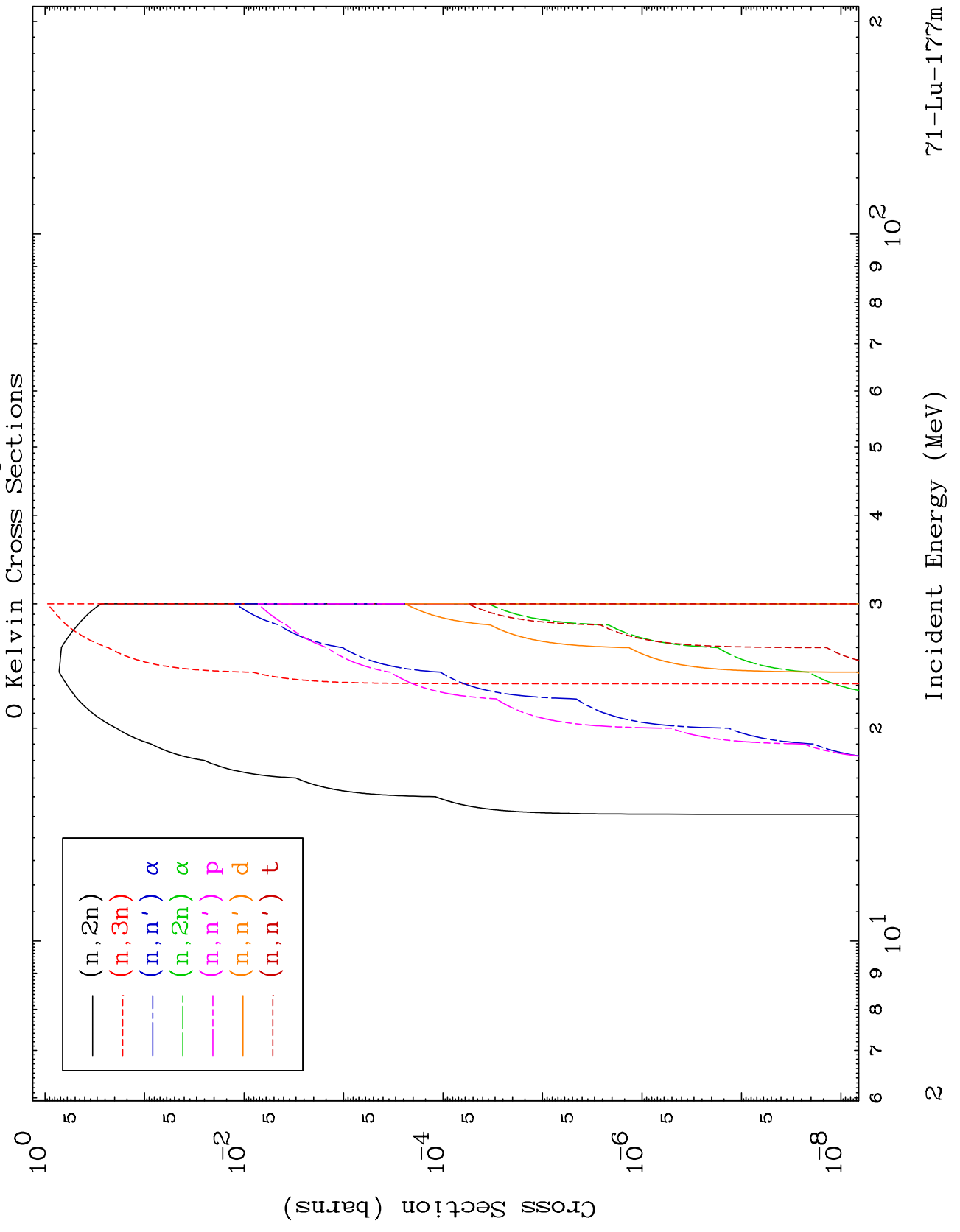
Incident Energy (MeV)

71-Lu-177m

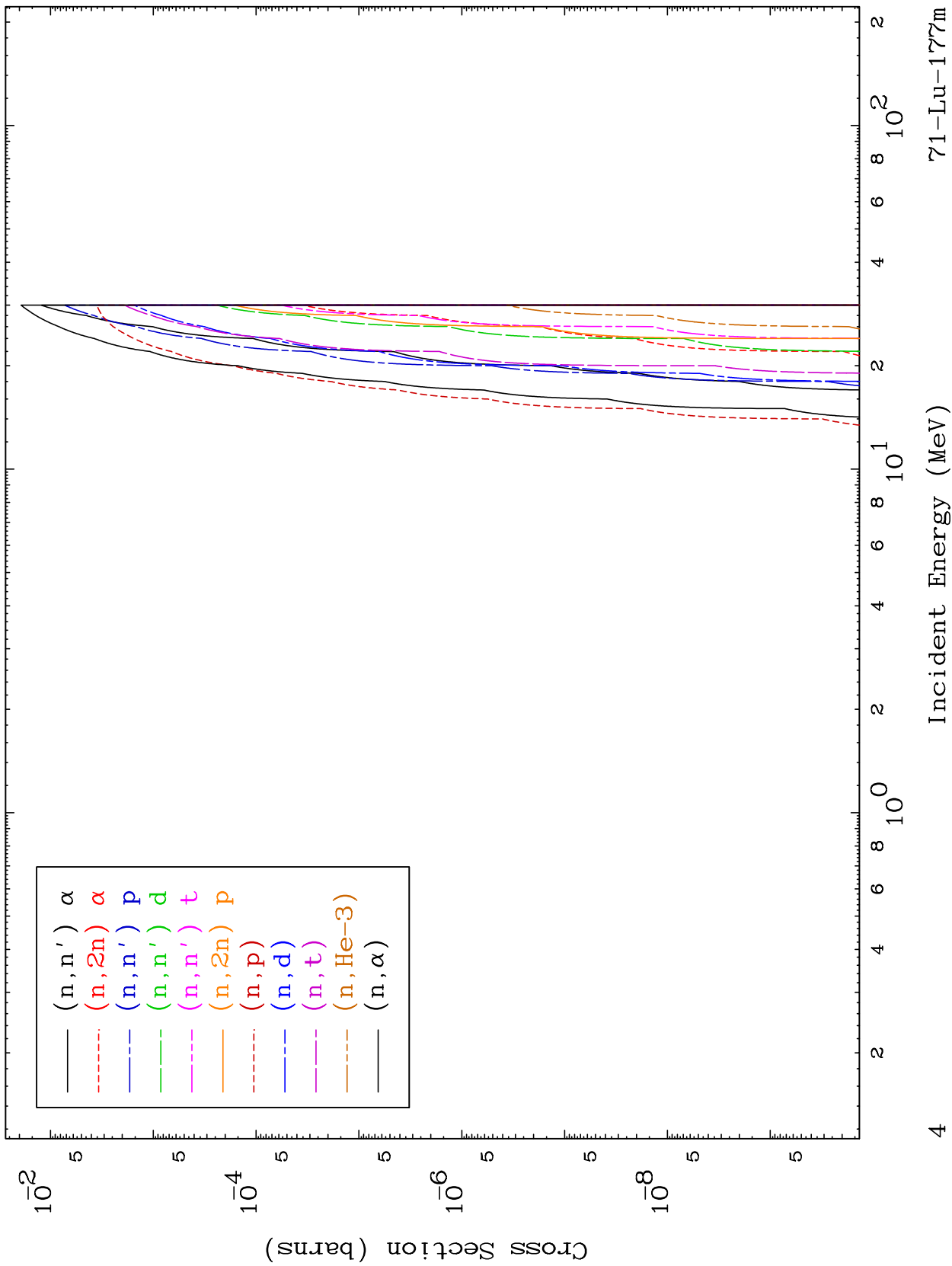
MAT 7132

$\alpha$  Neutron Absorption

$^{71}\text{Lu-177m}$



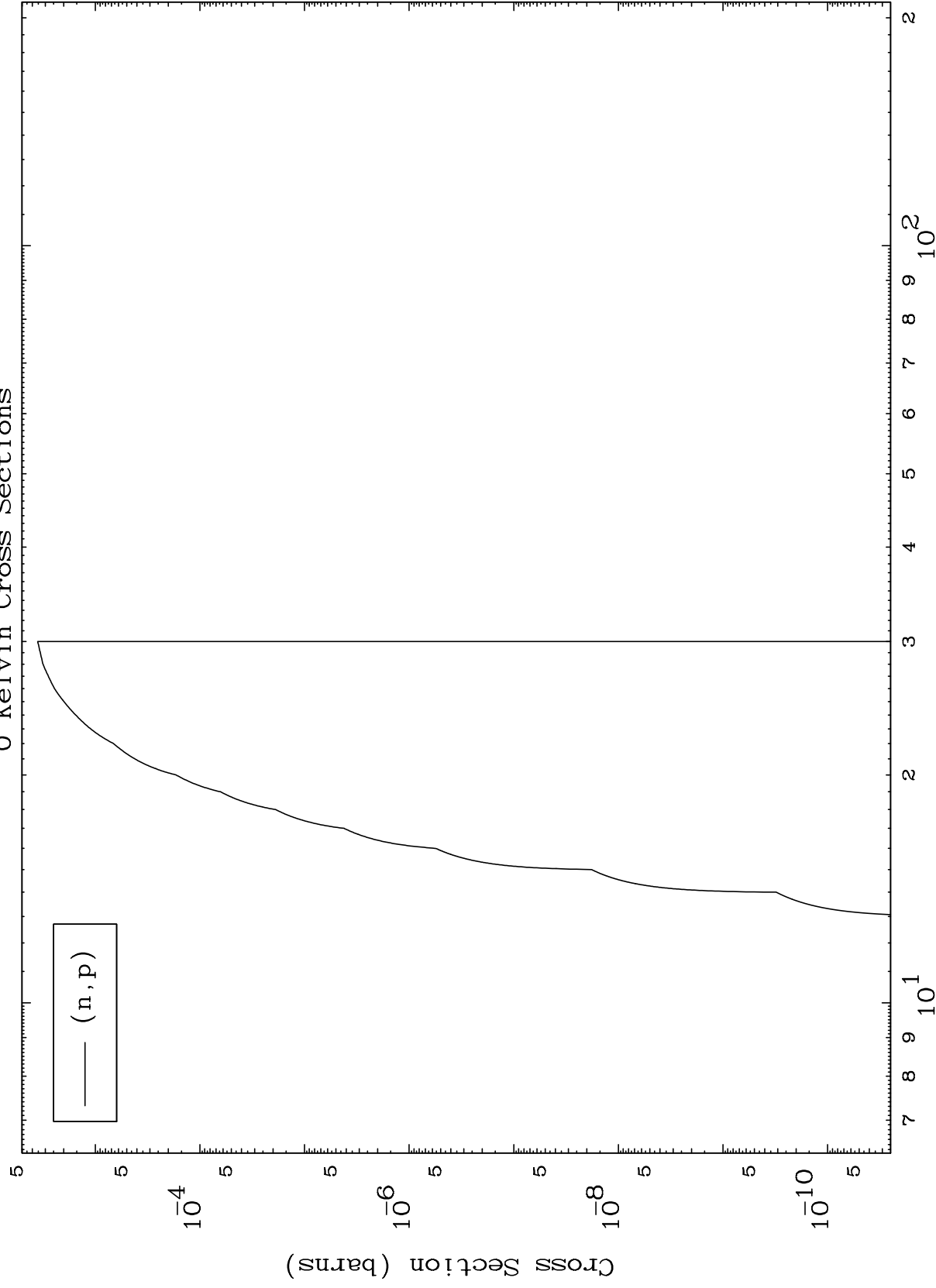




MAT 7132

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

71-Lu-177m



5

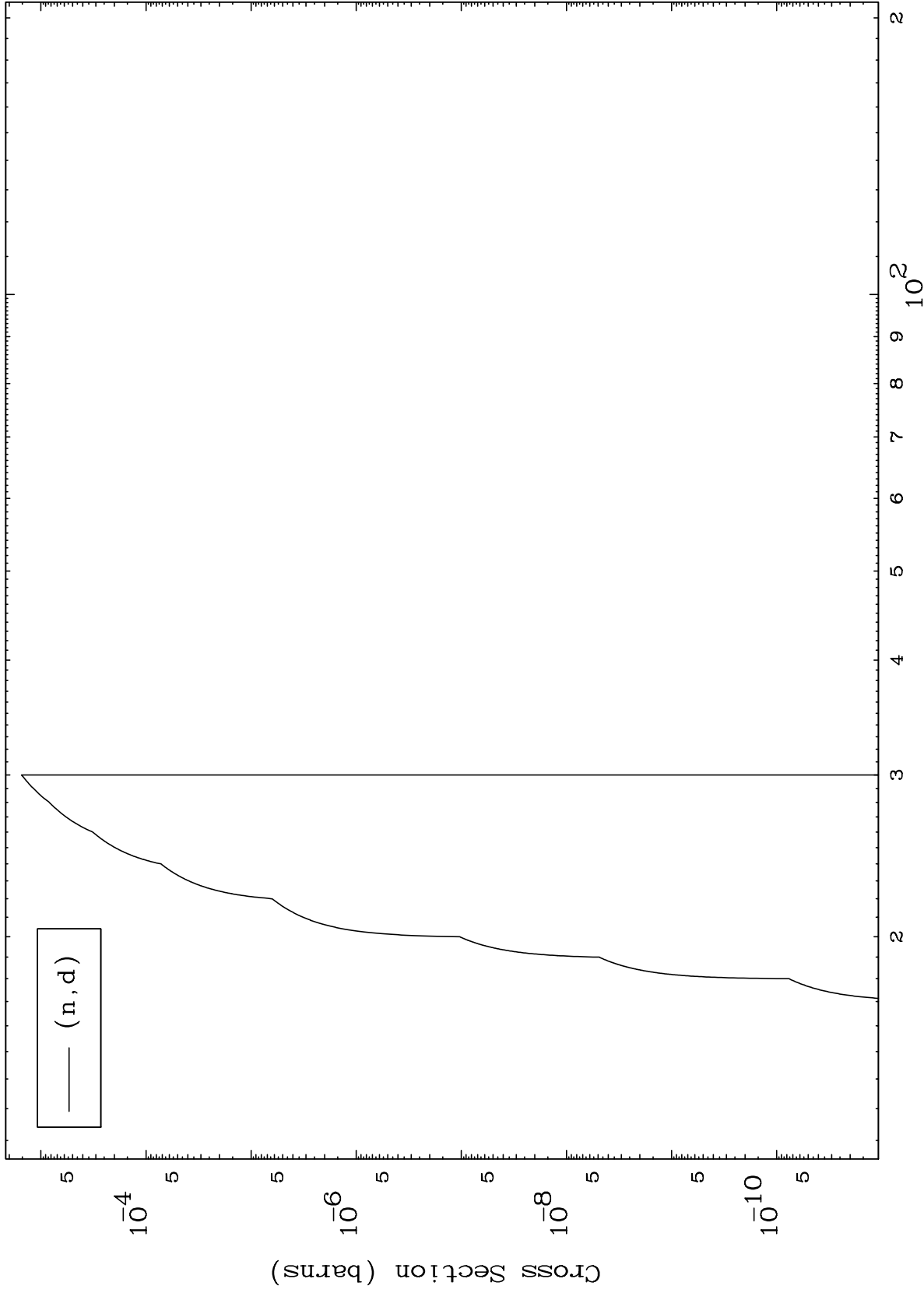
Incident Energy (MeV)

71-Lu-177m

MAT 7132

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

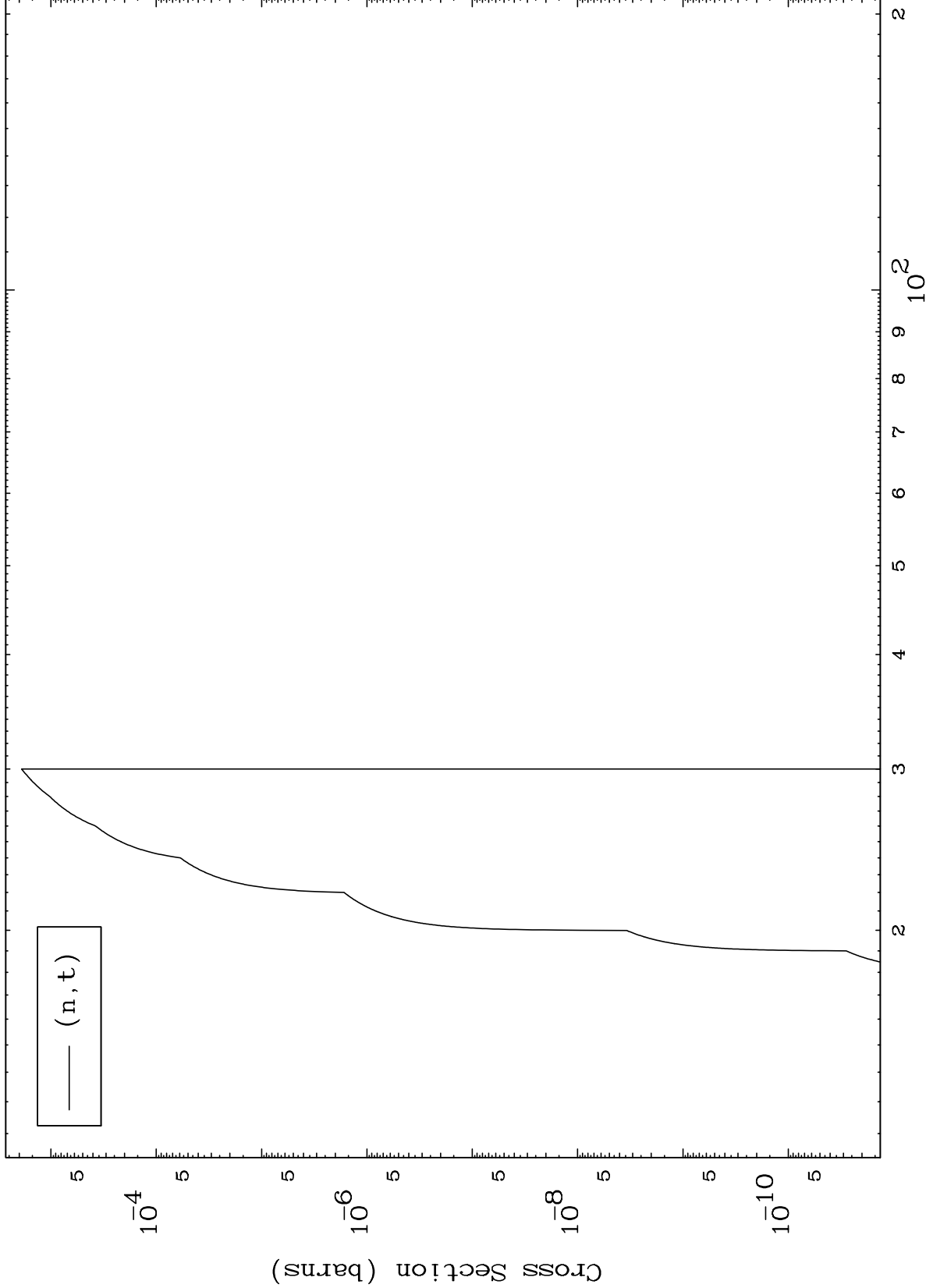
71-Lu-177m

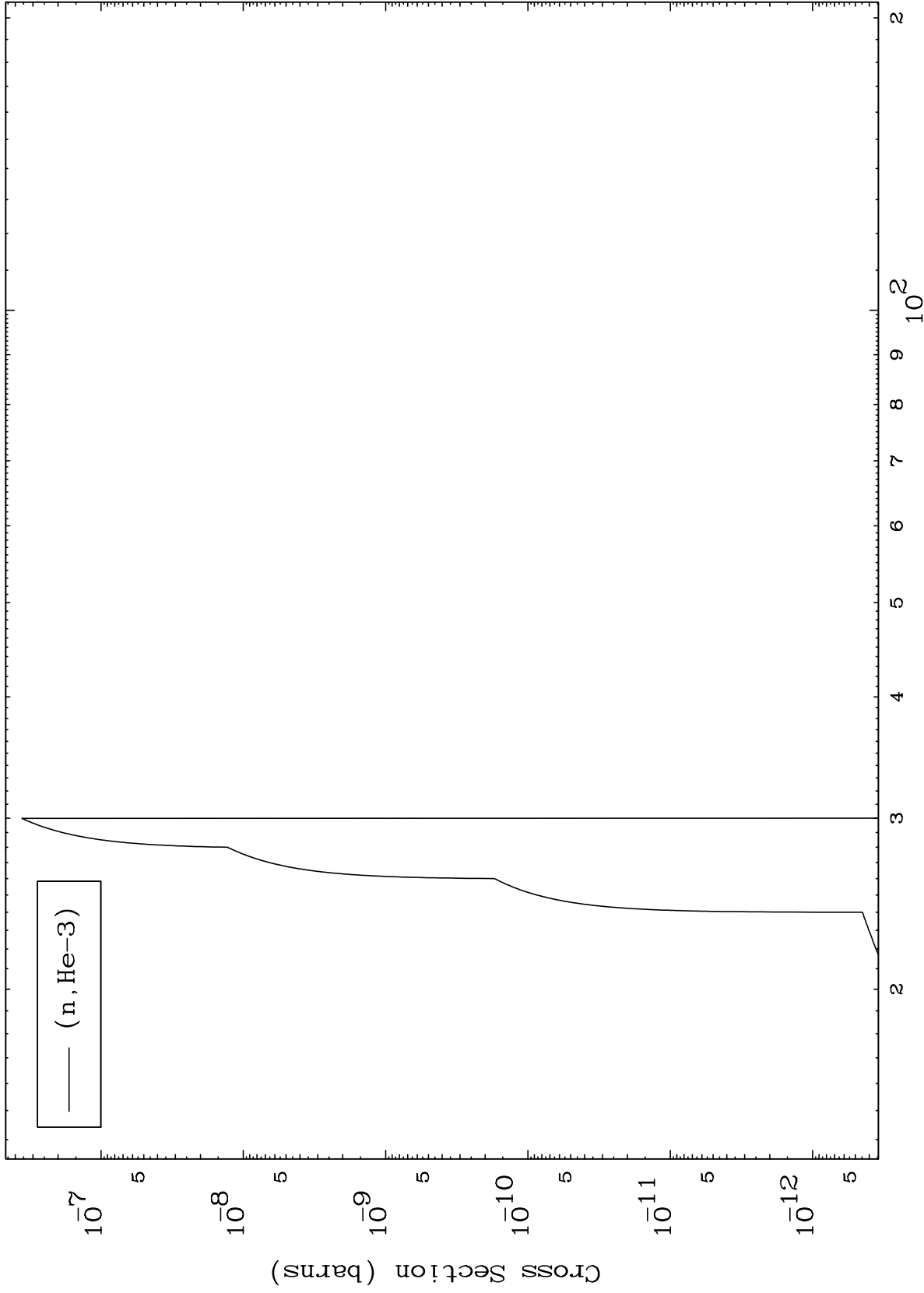


6

Incident Energy (MeV)

71-Lu-177m



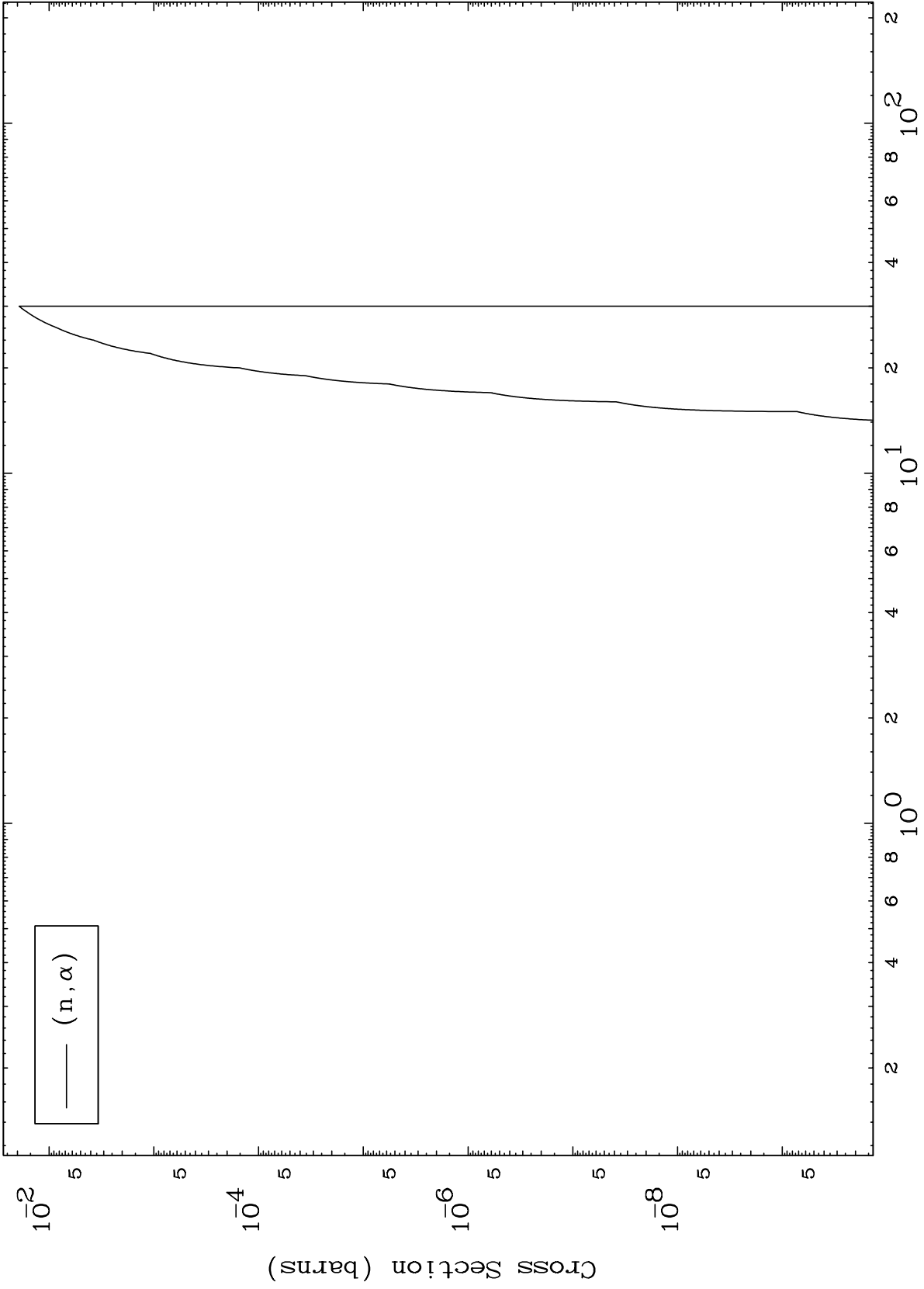


MAT 7132

( $\alpha, \alpha$ ) Levels

71-Lu-177m

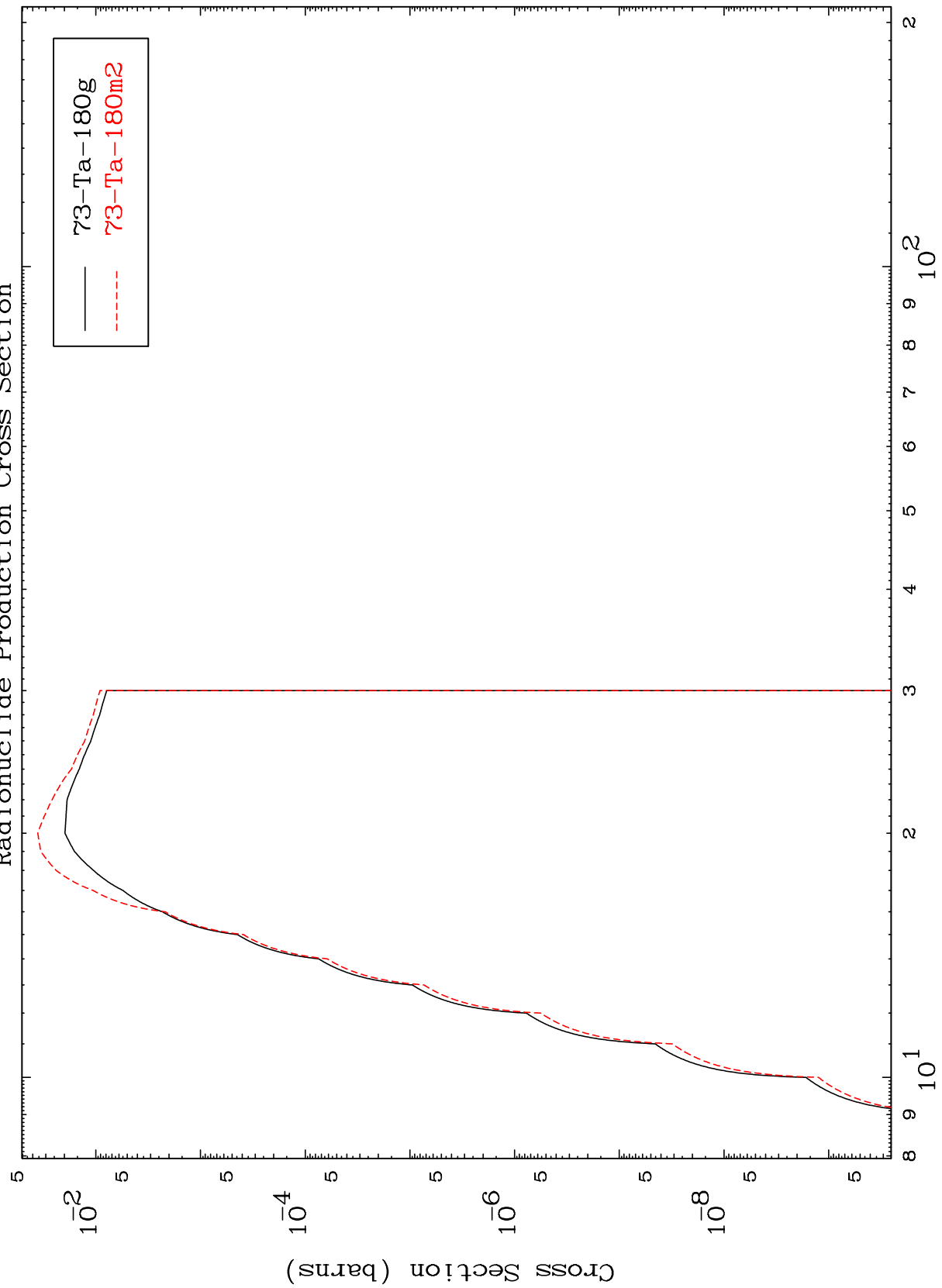
0 Kelvin Cross Sections



MAT 7132

71-Lu-177m

Inelastic  
Radionuclide Production Cross Section



71-Lu-177m

Incident Energy (MeV)

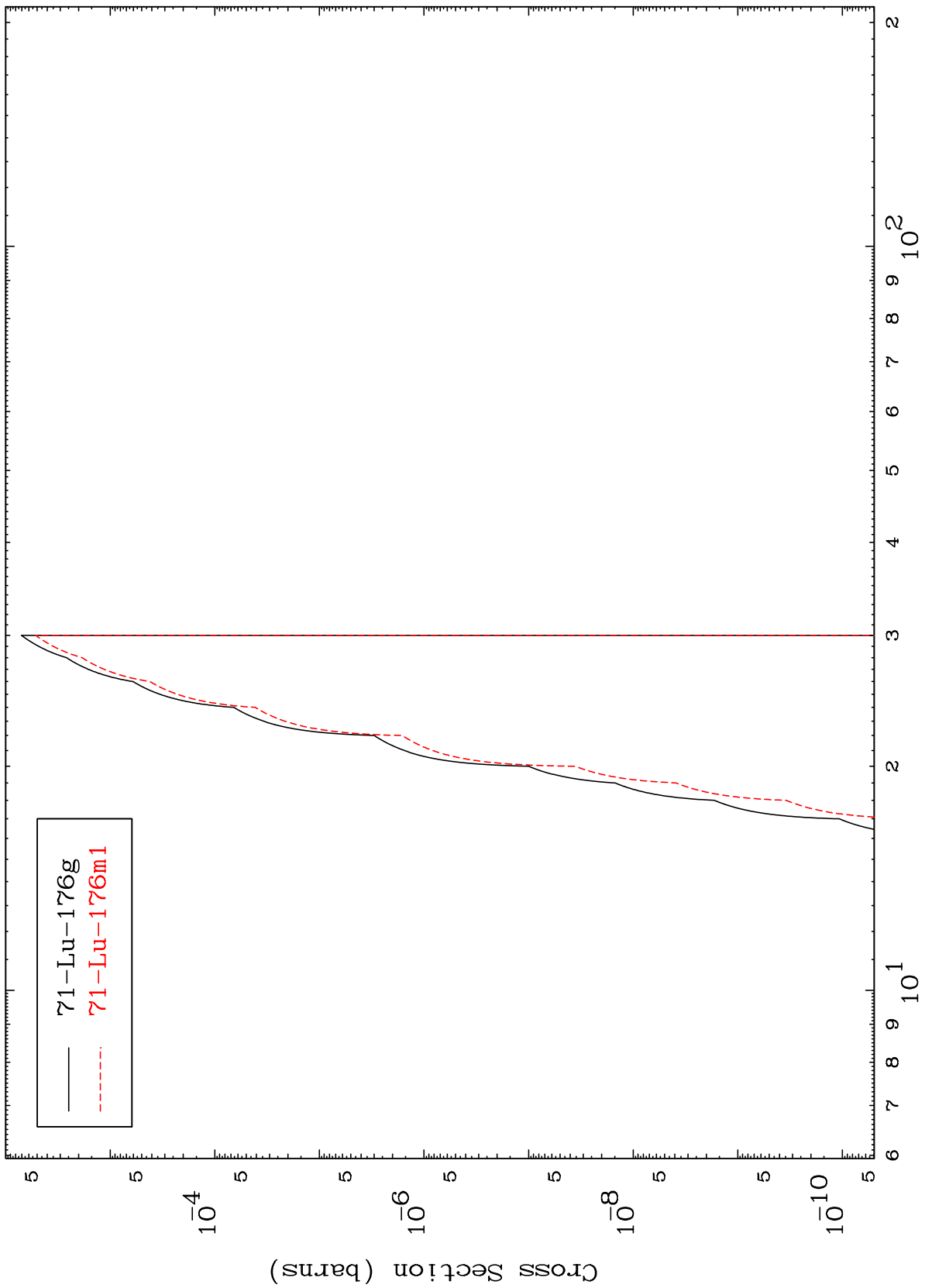
10

MAT 7132

$(n, n') \alpha$

$^{71}\text{Lu}-177\text{m}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

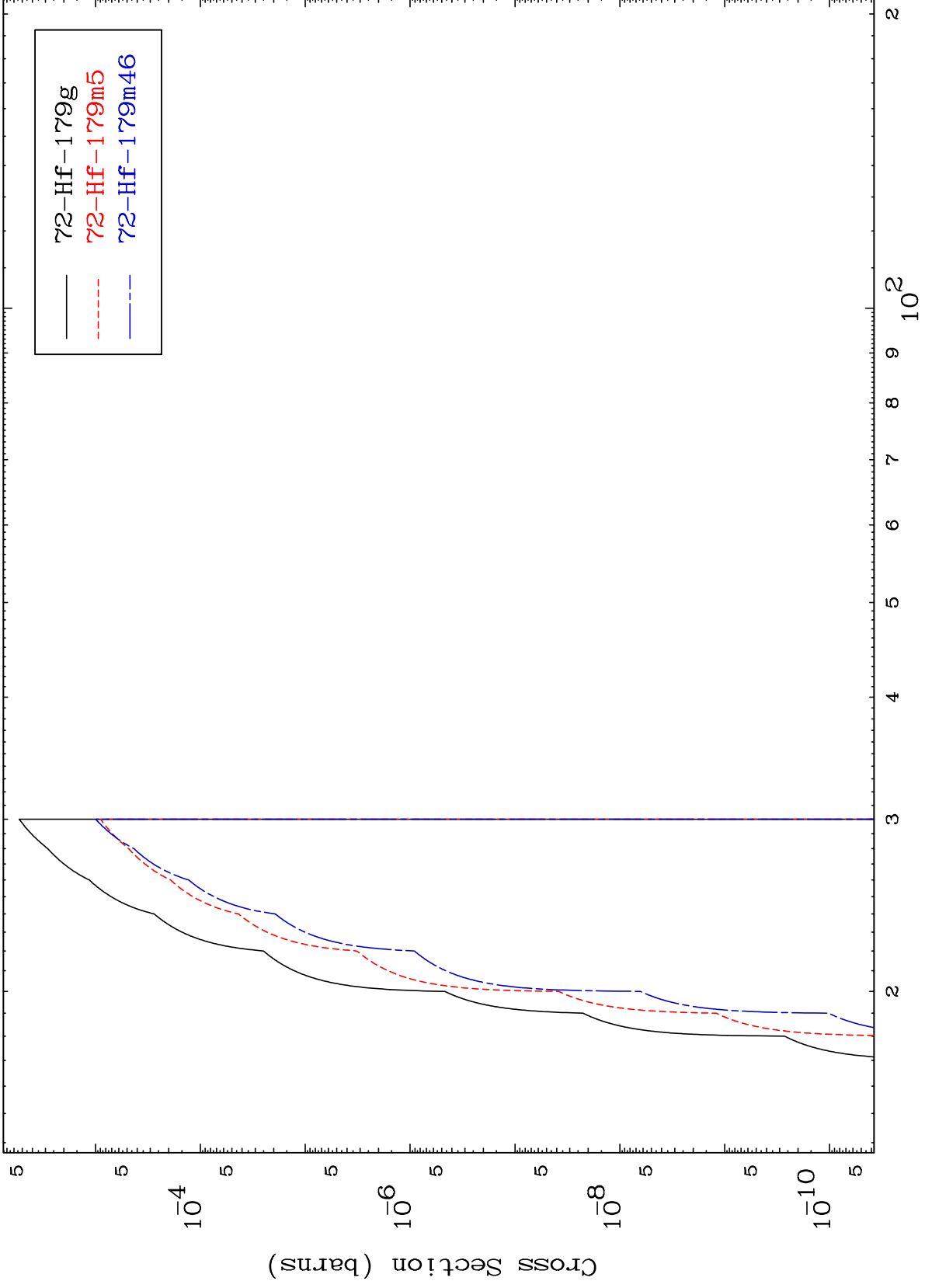
$^{71}\text{Lu}-177\text{m}$

MAT 7132

(n,n') p

71-Lu-177m

Radionuclide Production Cross Section

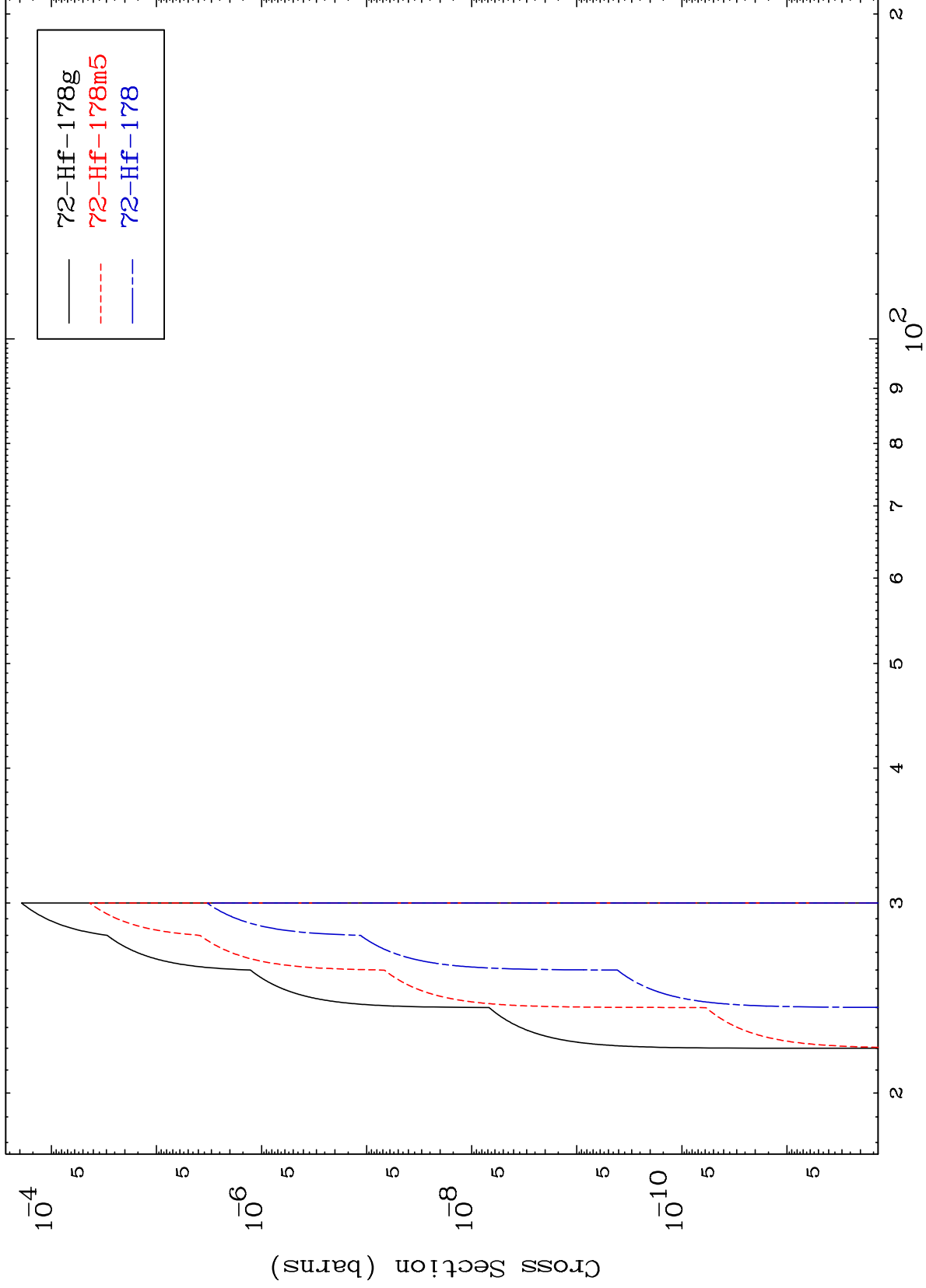


12

Incident Energy (MeV)

71-Lu-177m

Radionuclide Production Cross Section

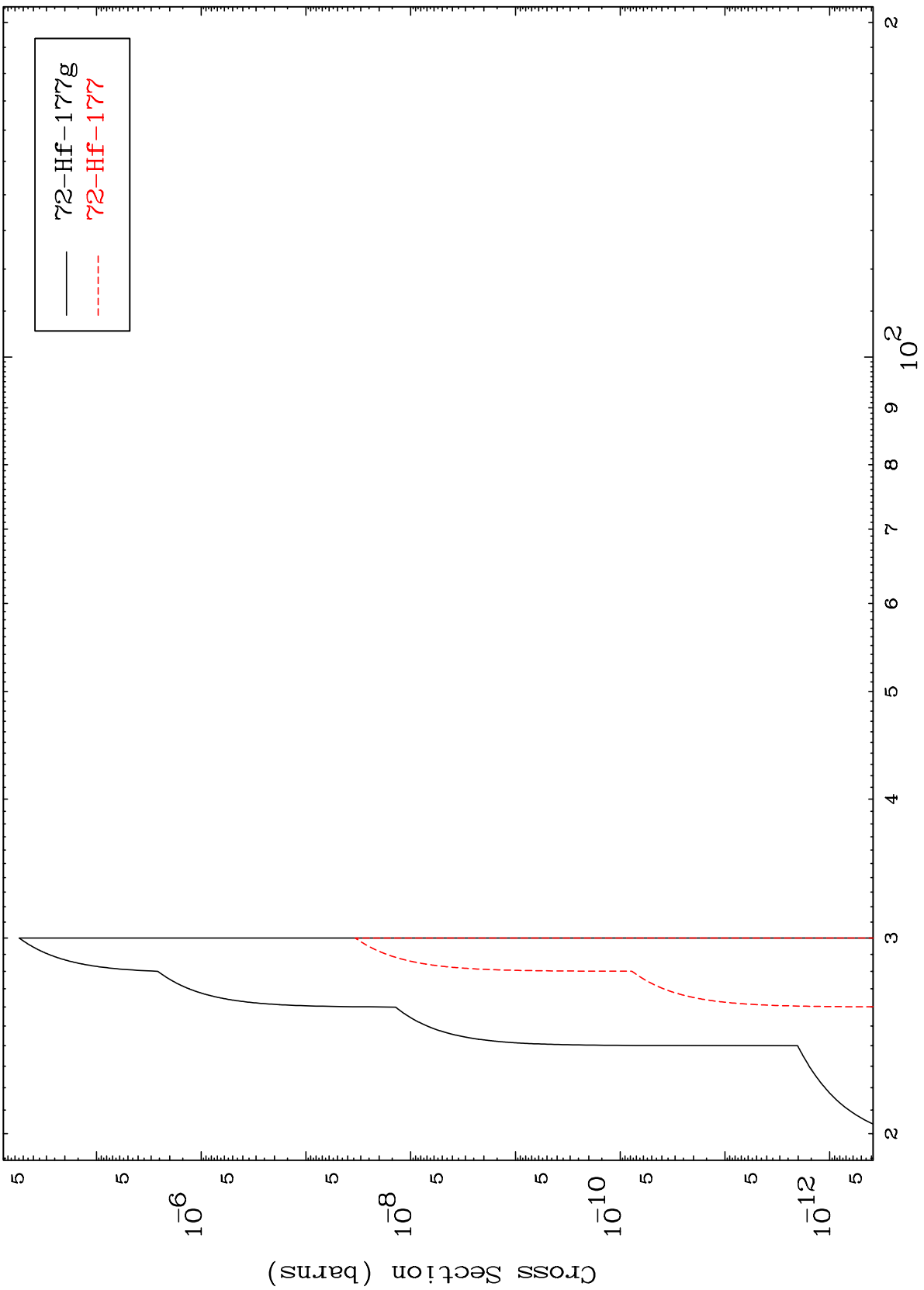


MAT 7132

(n,n') t

71-Lu-177m

Radionuclide Production Cross Section

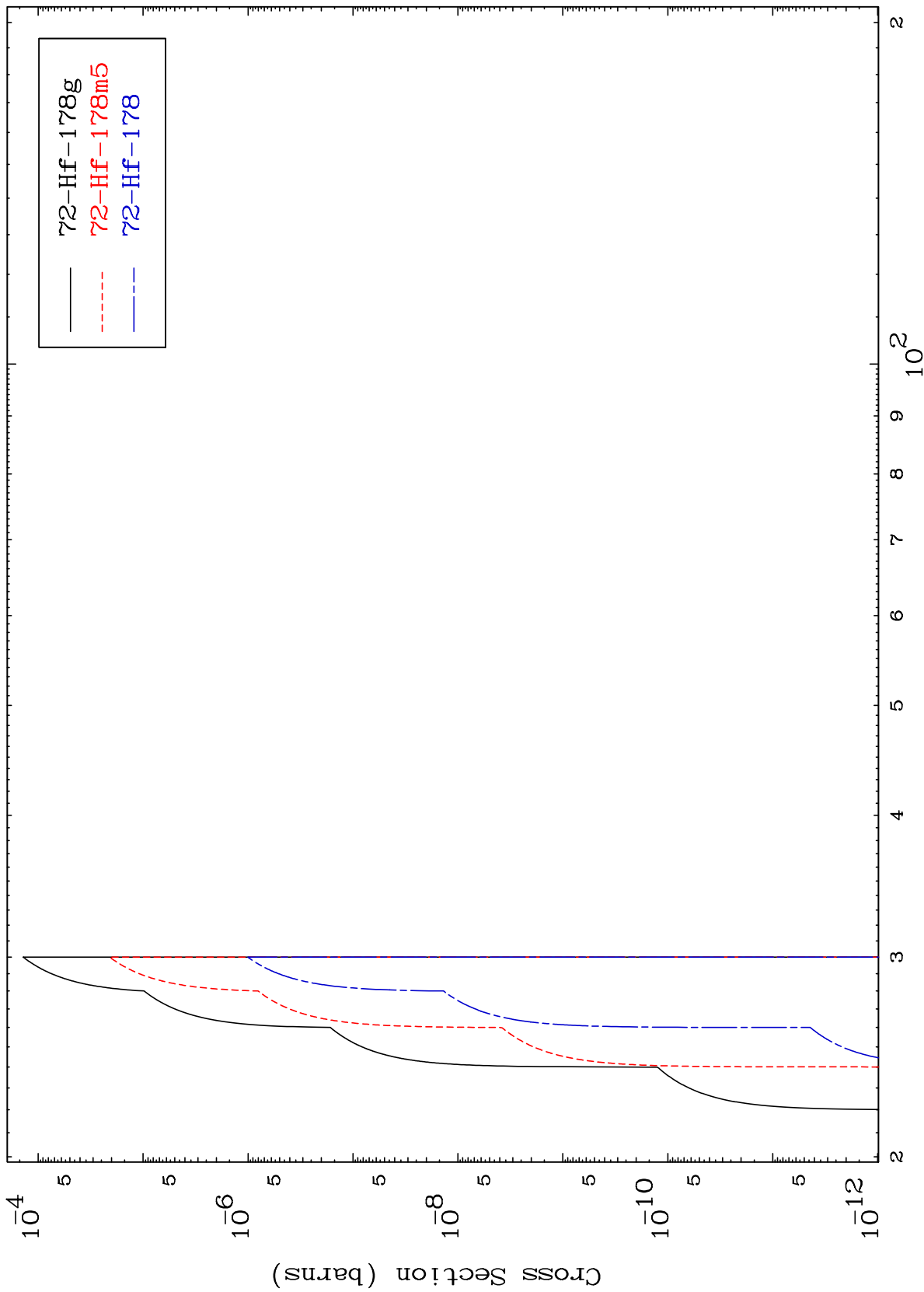


14

Incident Energy (MeV)

71-Lu-177m

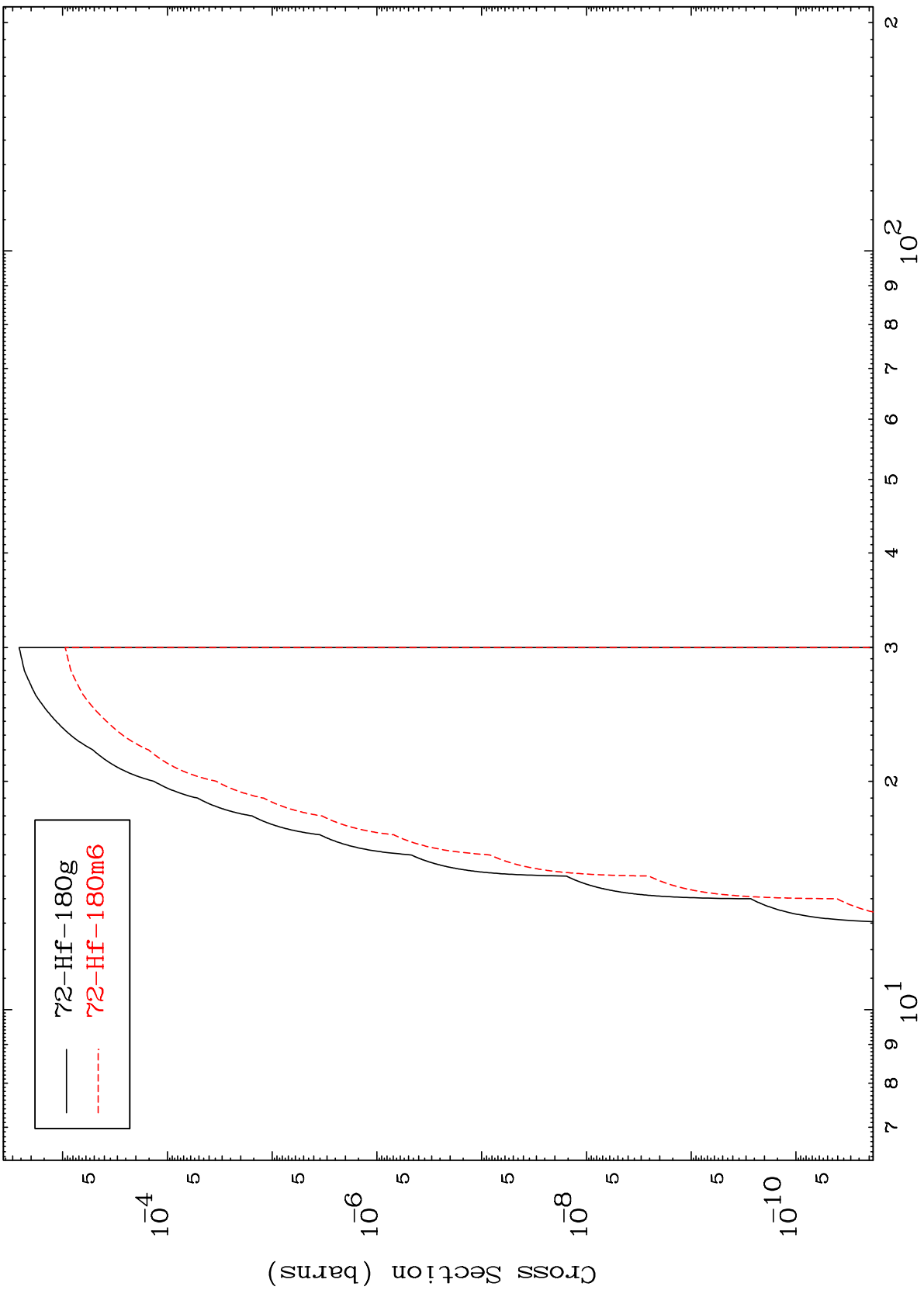
Radionuclide Production Cross Section



MAT 7132

<sup>71</sup>Lu-177m

Radionuclide Production Cross Section (n,p)

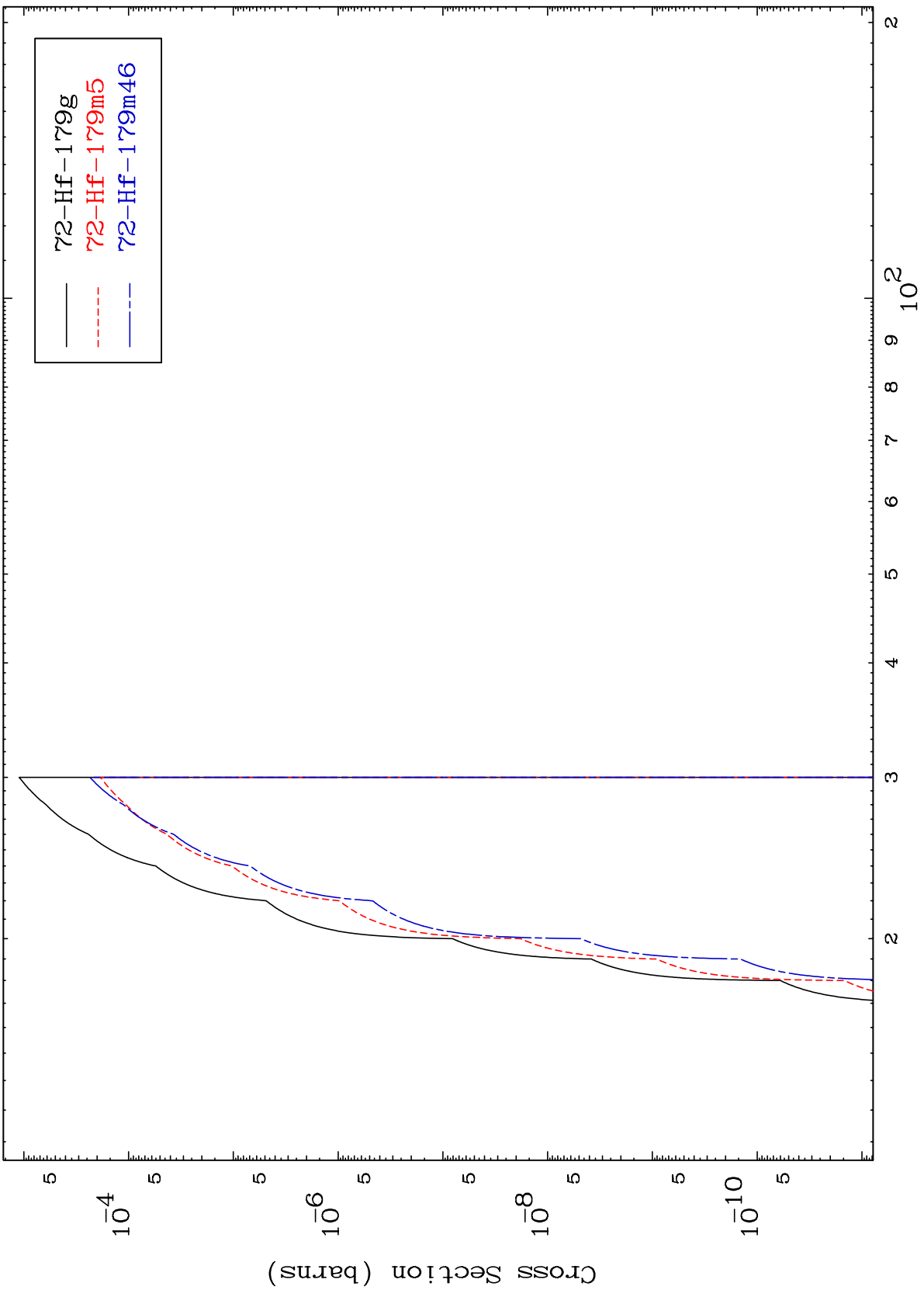


16

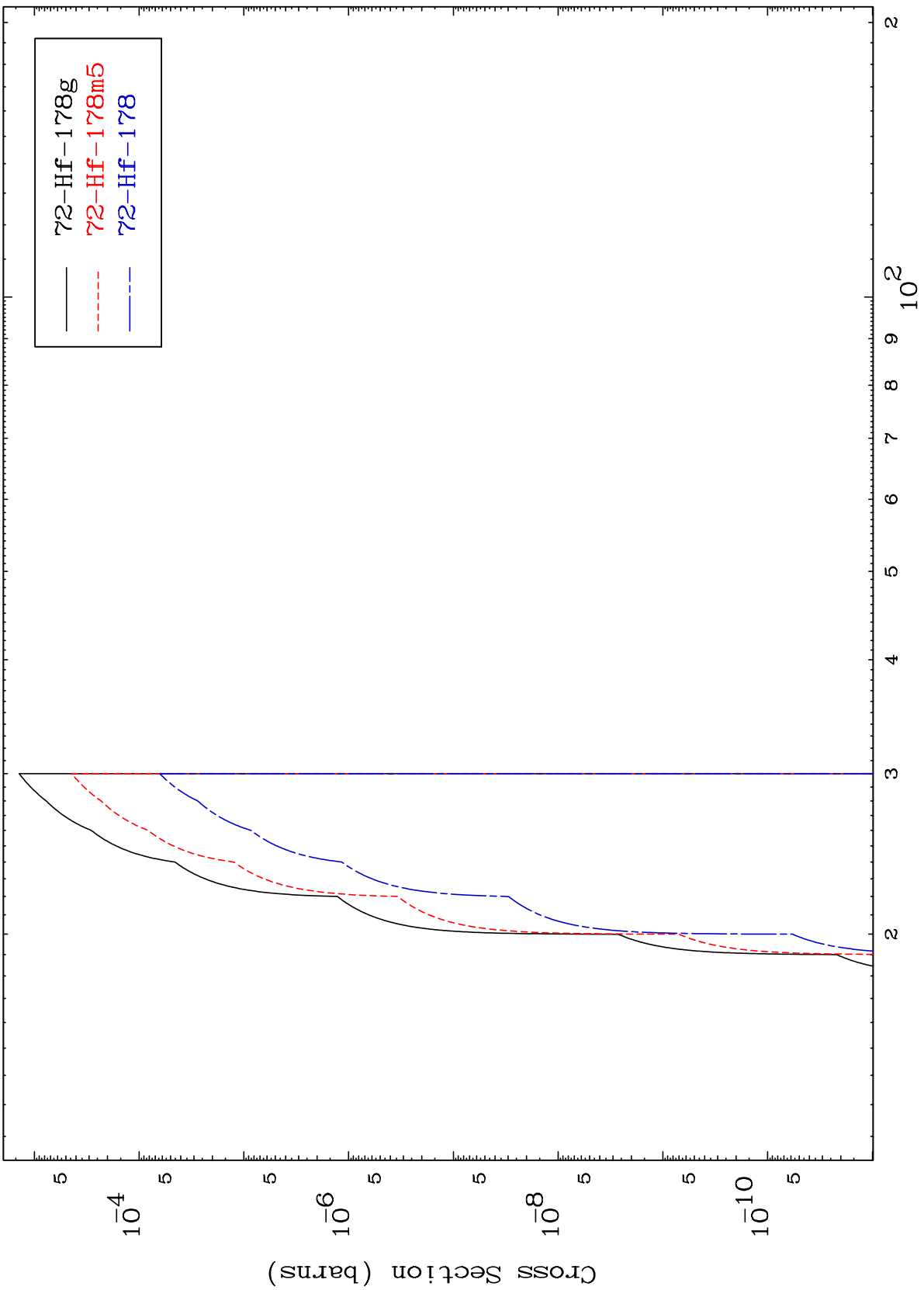
Incident Energy (MeV)

<sup>71</sup>Lu-177m

Radionuclide Production Cross Section



(n, t)  
Radionuclide Production Cross Section

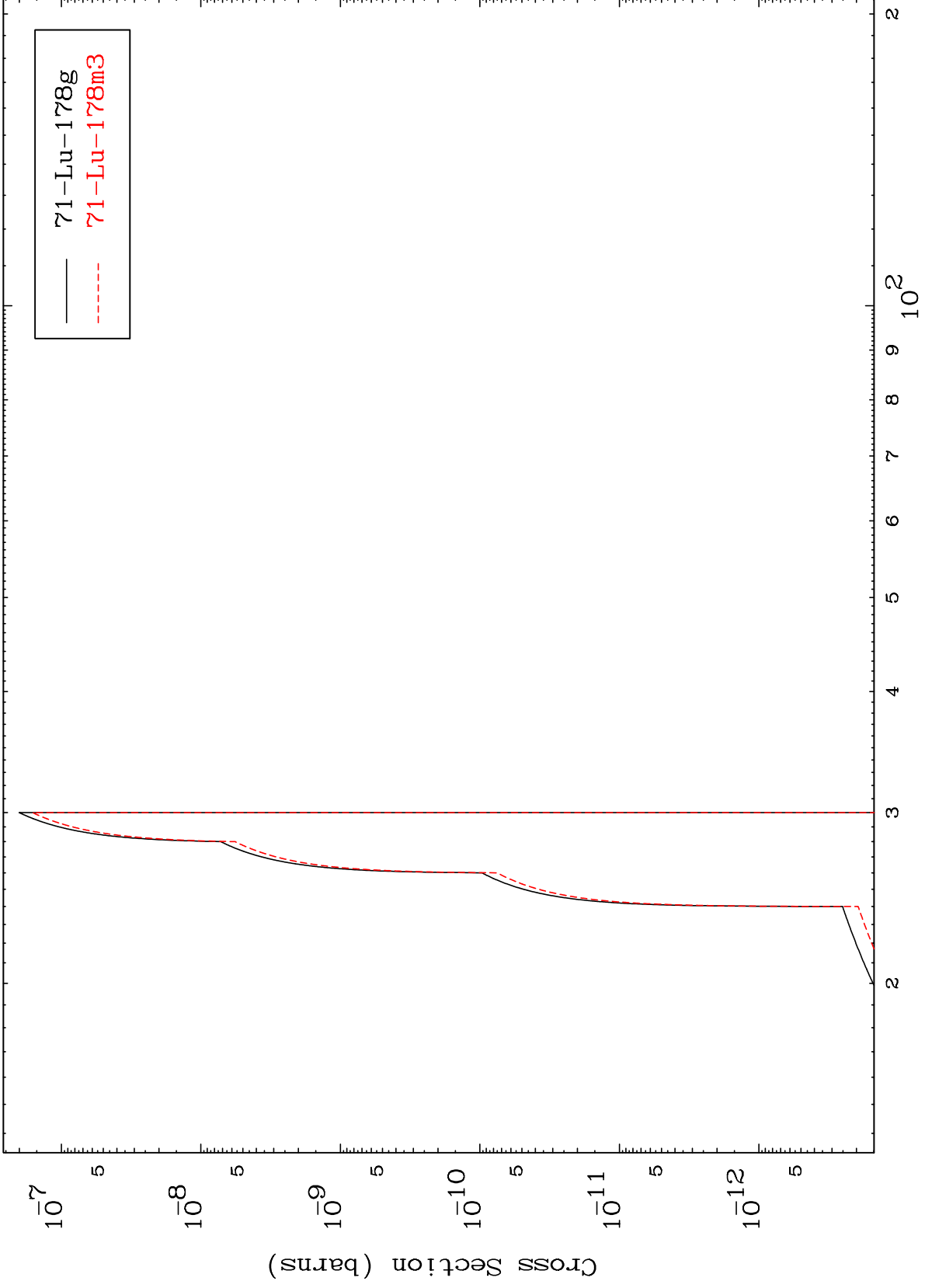


MAT 7132

(n,He-3)

<sup>71</sup>Lu-177m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

<sup>71</sup>Lu-177m

MAT 7132

(n,  $\alpha$ )

<sup>71</sup>Lu-177m

Radionuclide Production Cross Section

