

Program EVALPLOT  
(Version 2018-1)

by

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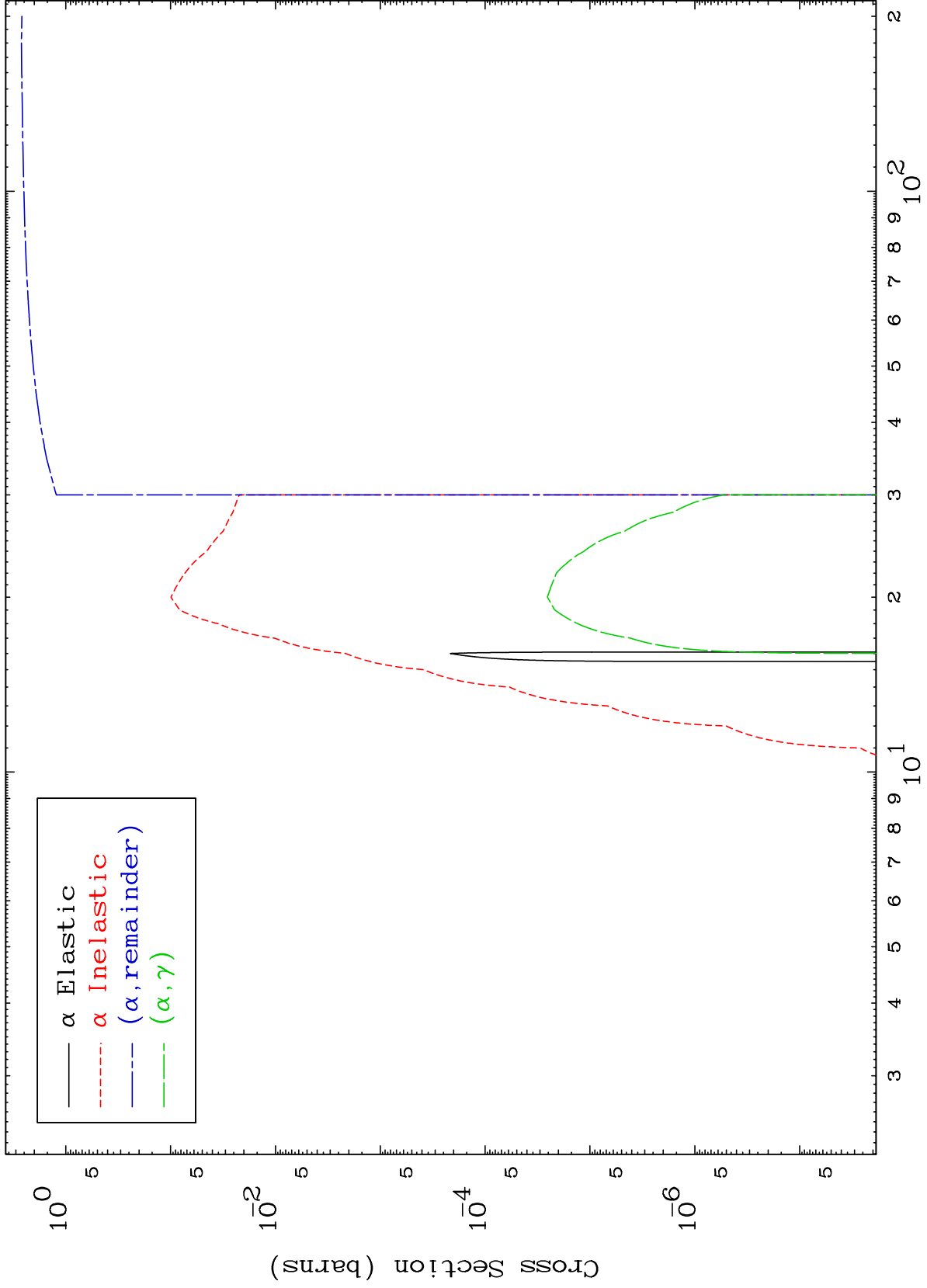
Press Mouse Button to Start

MAT 7325

0 Kelvin

$\alpha$  Major Cross Sections

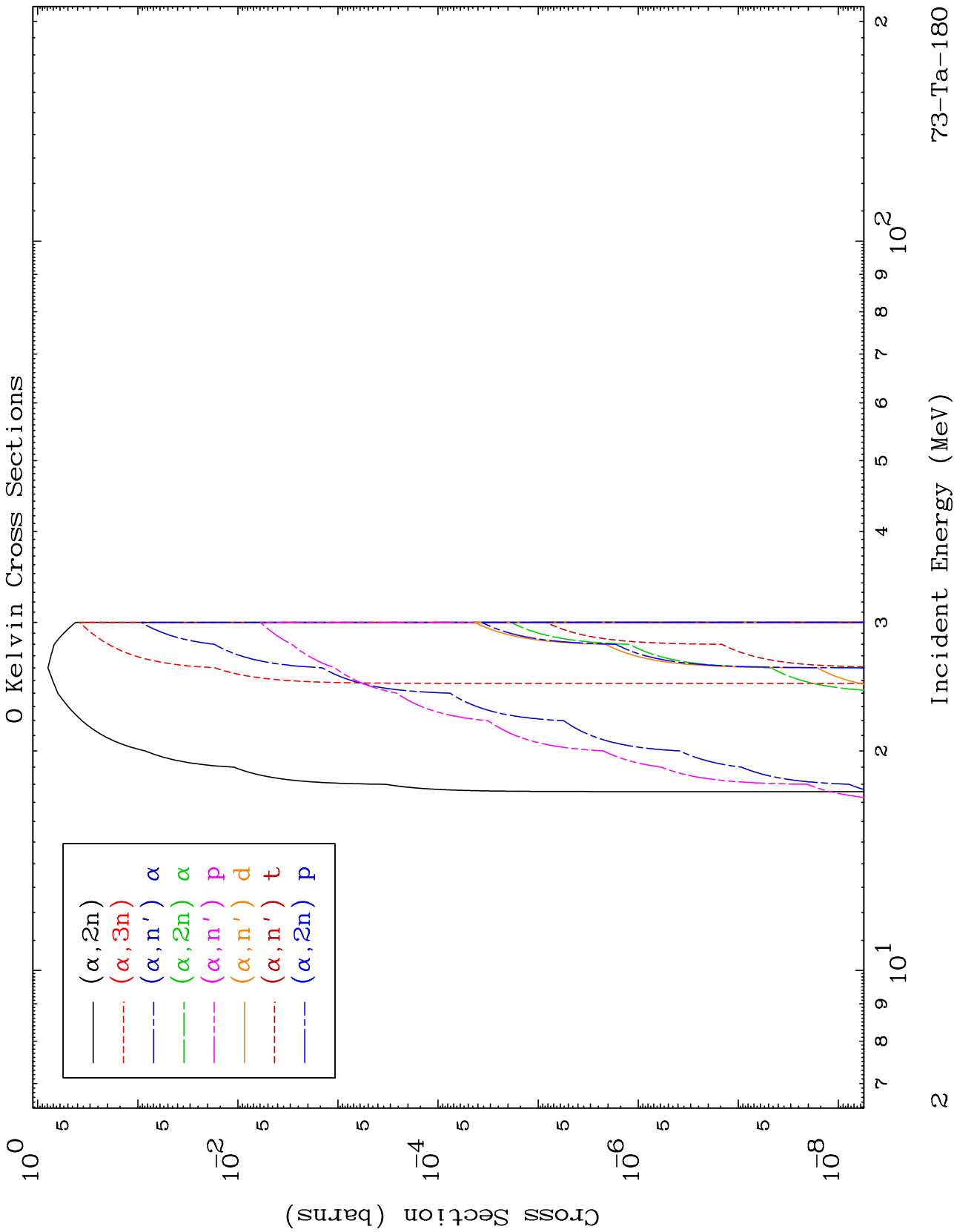
73-Ta-180



MAT 7325

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

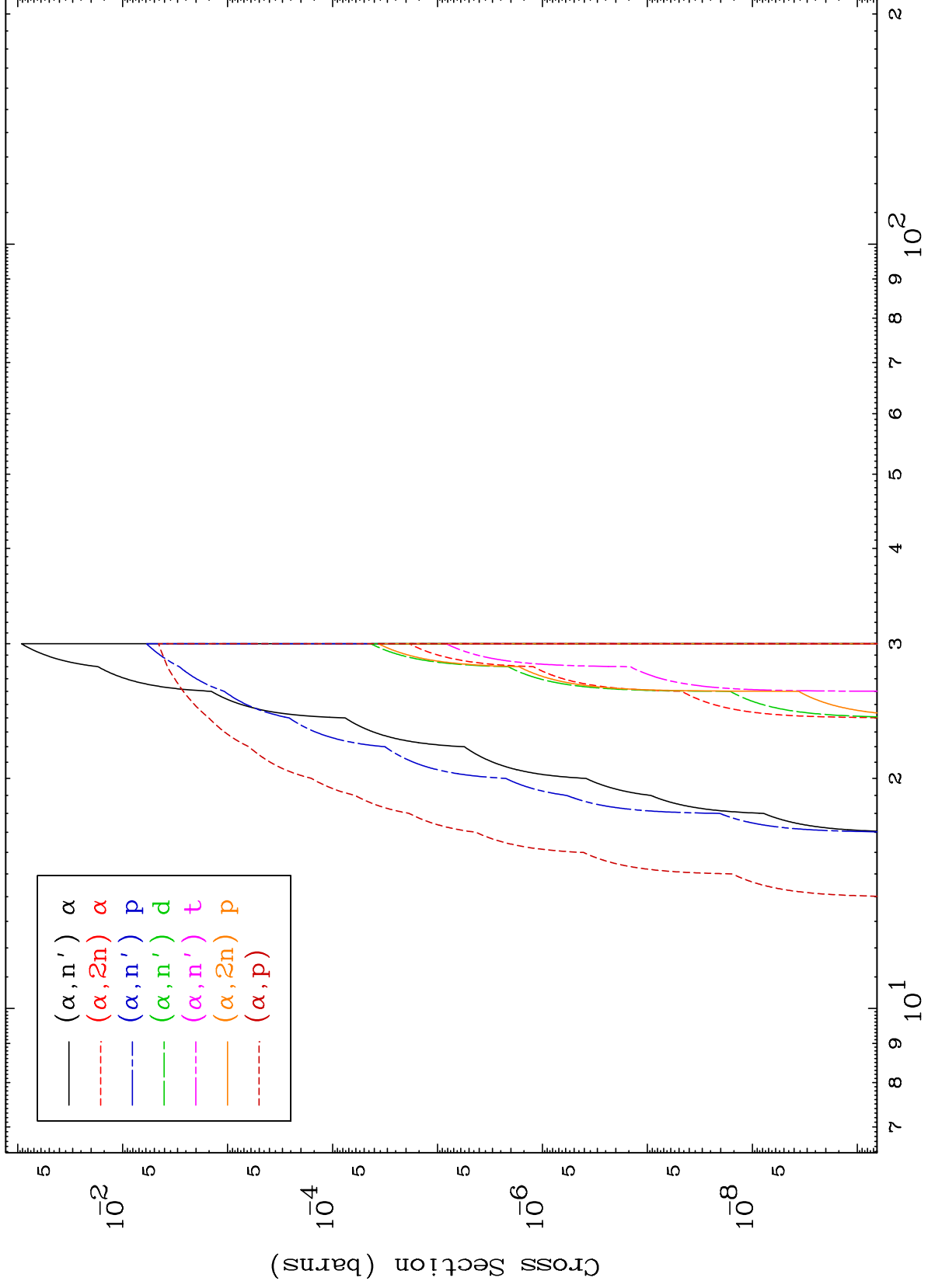
73-Ta-180



2

Incident Energy (MeV)

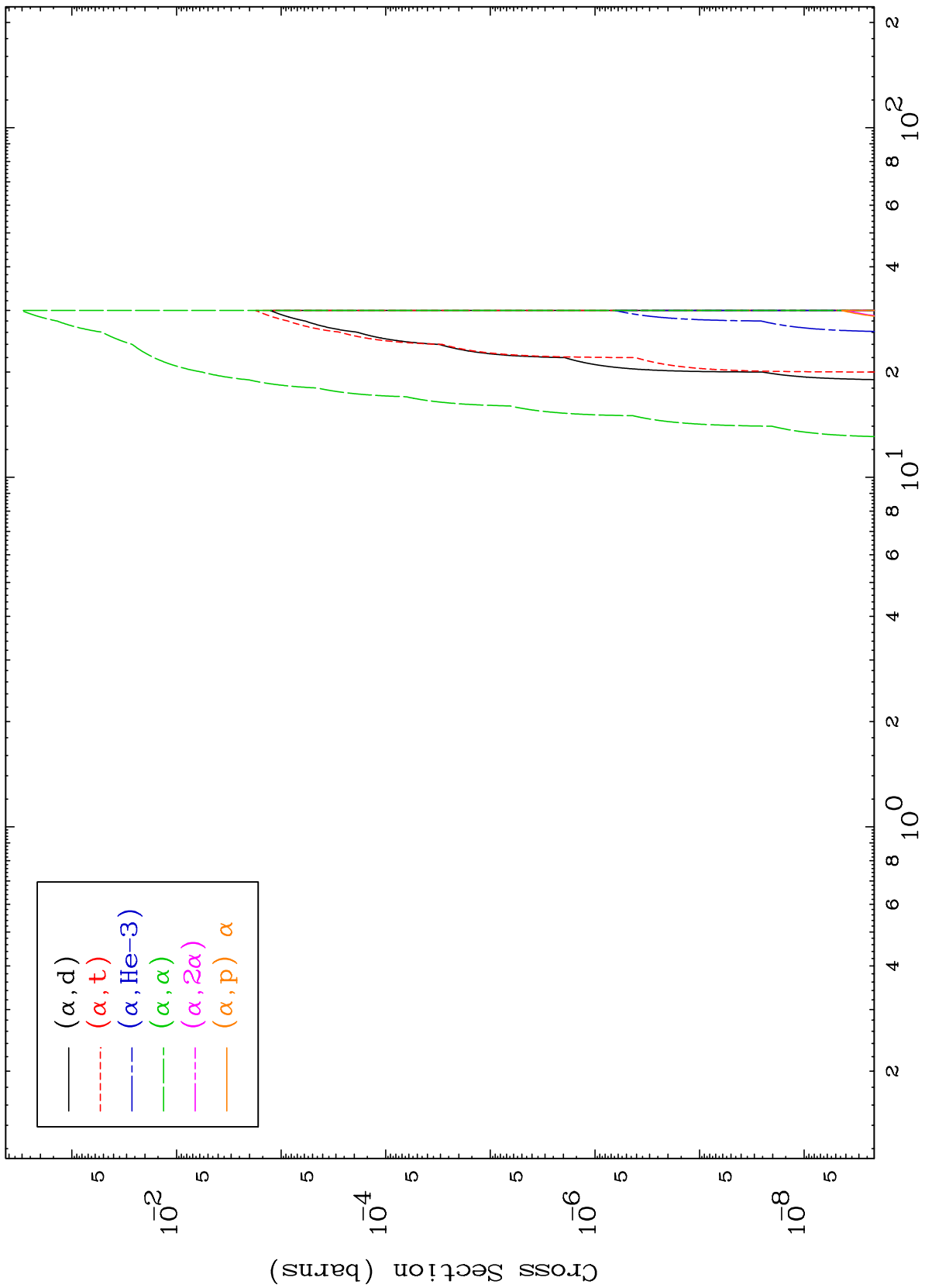
73-Ta-180



MAT 7325

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

<sup>73</sup>Ta-180

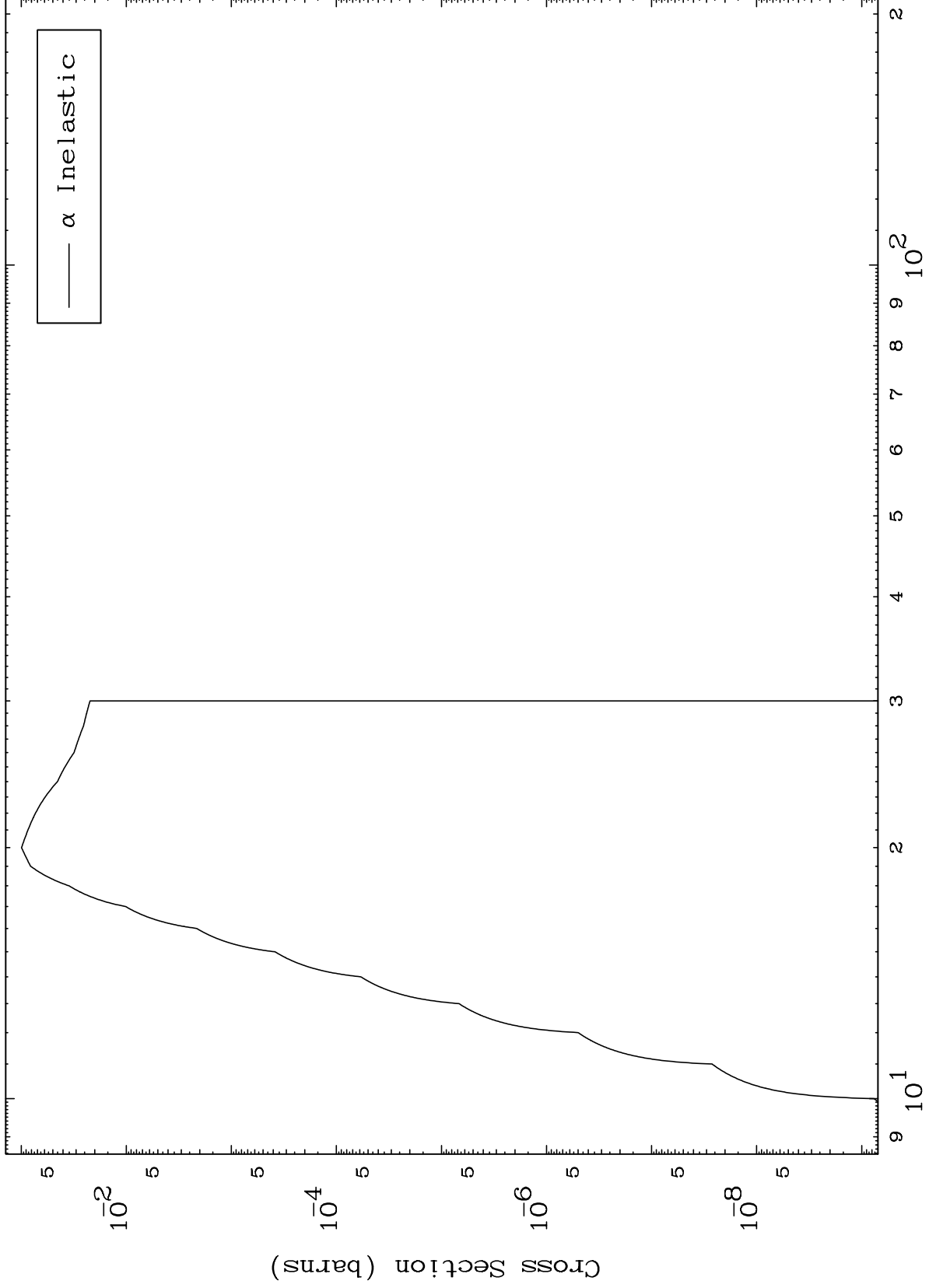


MAT 7325

( $\alpha, n'$ ) Level

73-Ta-180

0 Kelvin Cross Sections



$\alpha$  Inelastic

Incident Energy (MeV)

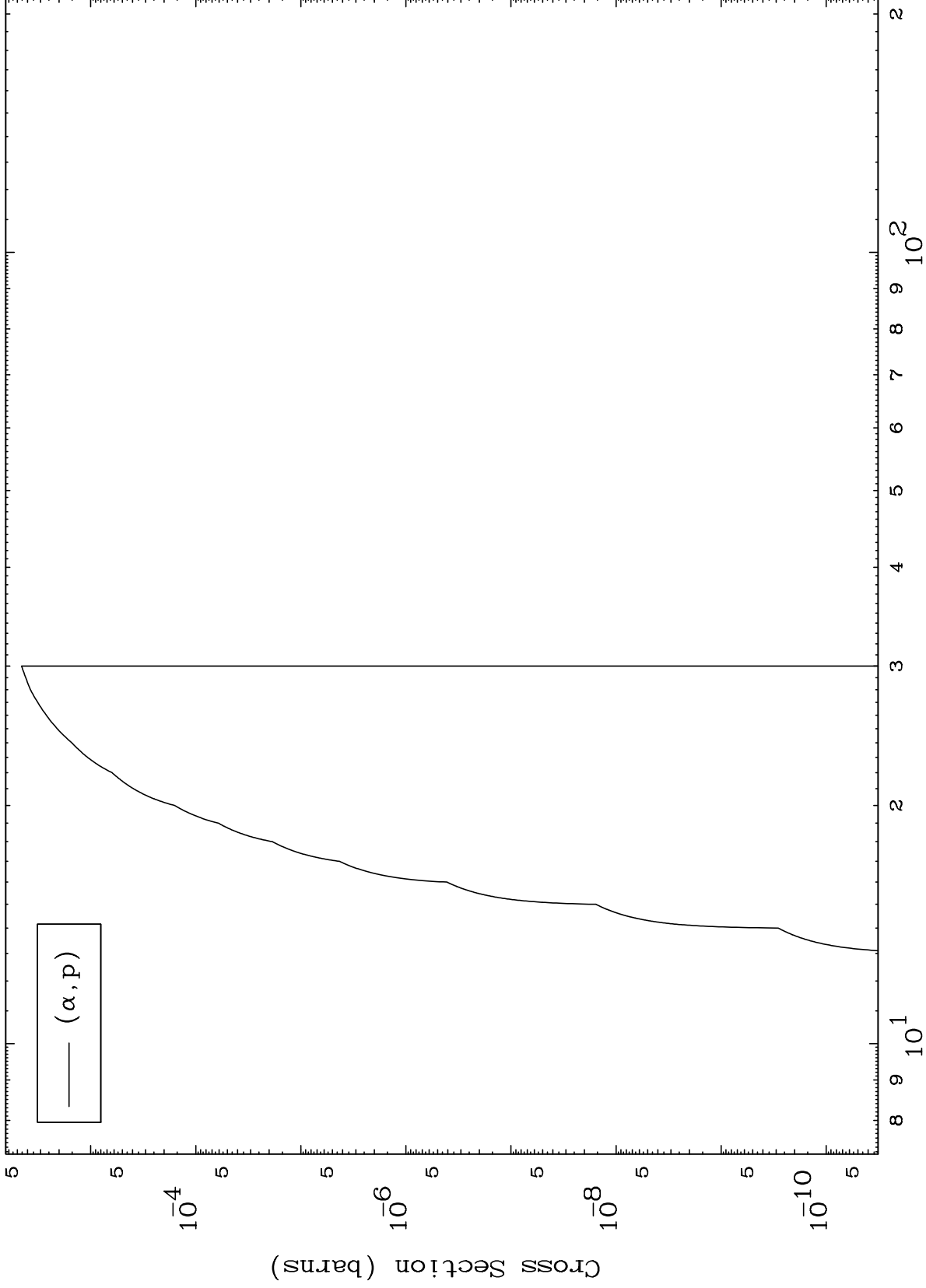
73-Ta-180

5

MAT 7325

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

$^{73}\text{Ta-180}$



6

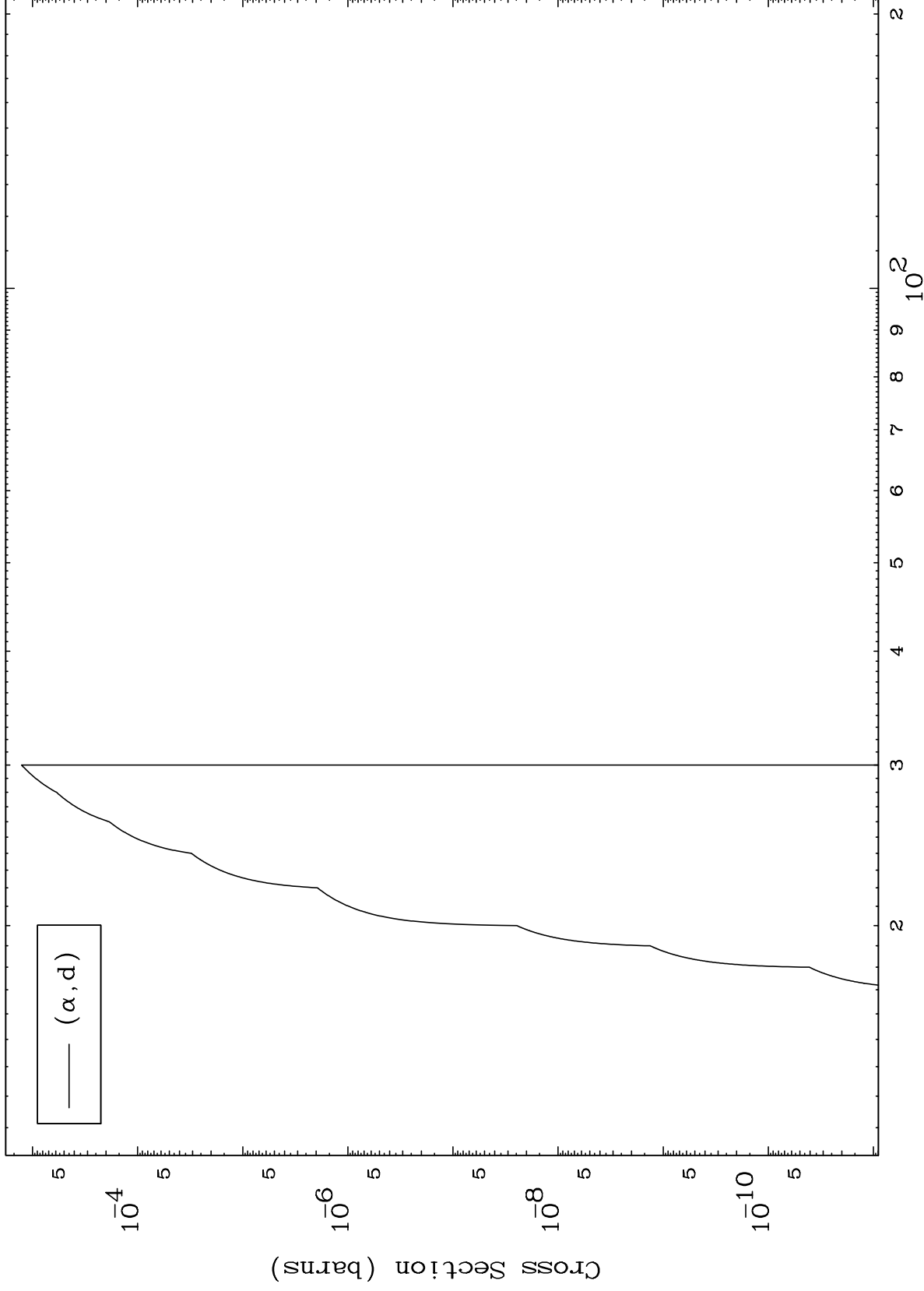
Incident Energy (MeV)

$^{73}\text{Ta-180}$

MAT 7325

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

$^{73}\text{Ta-180}$

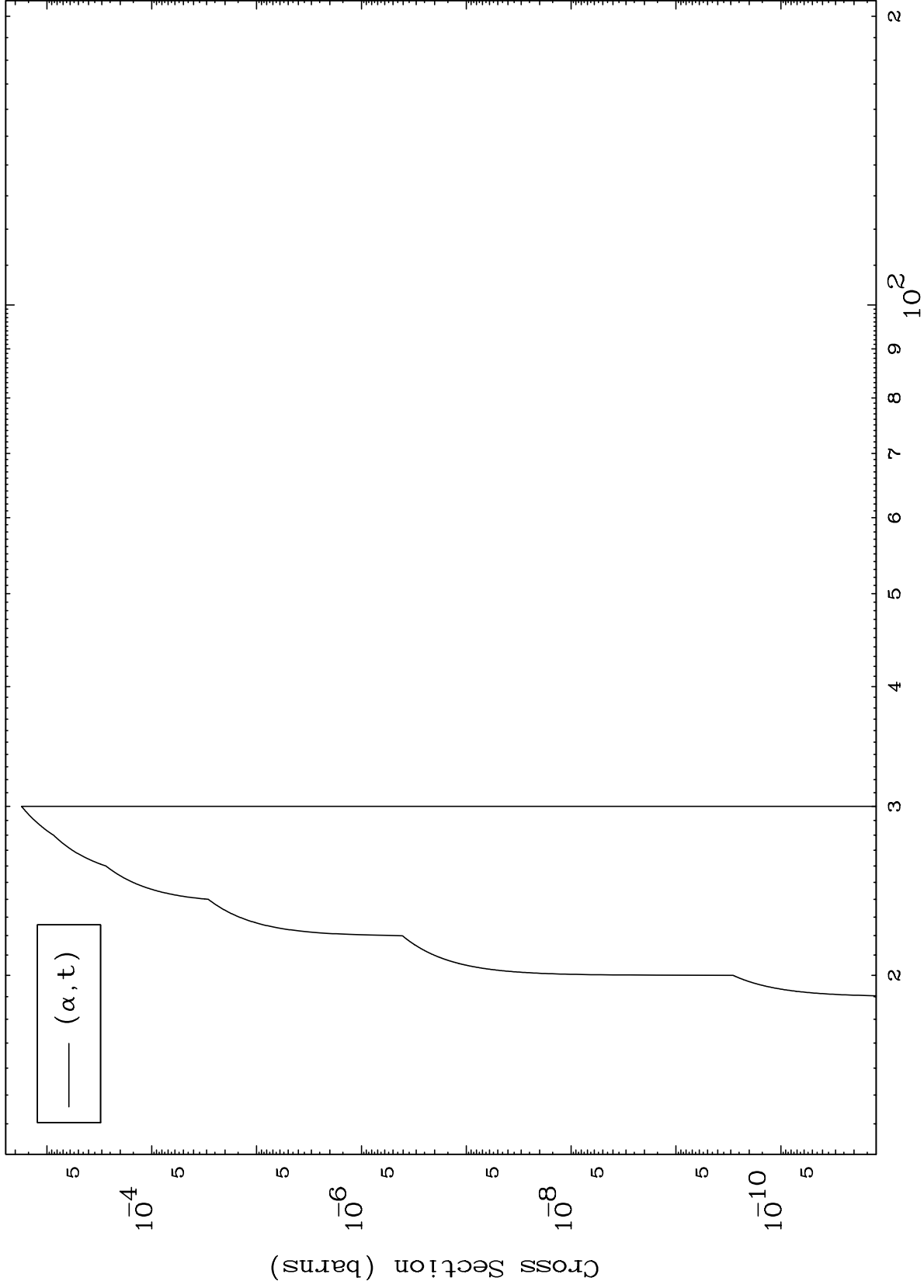


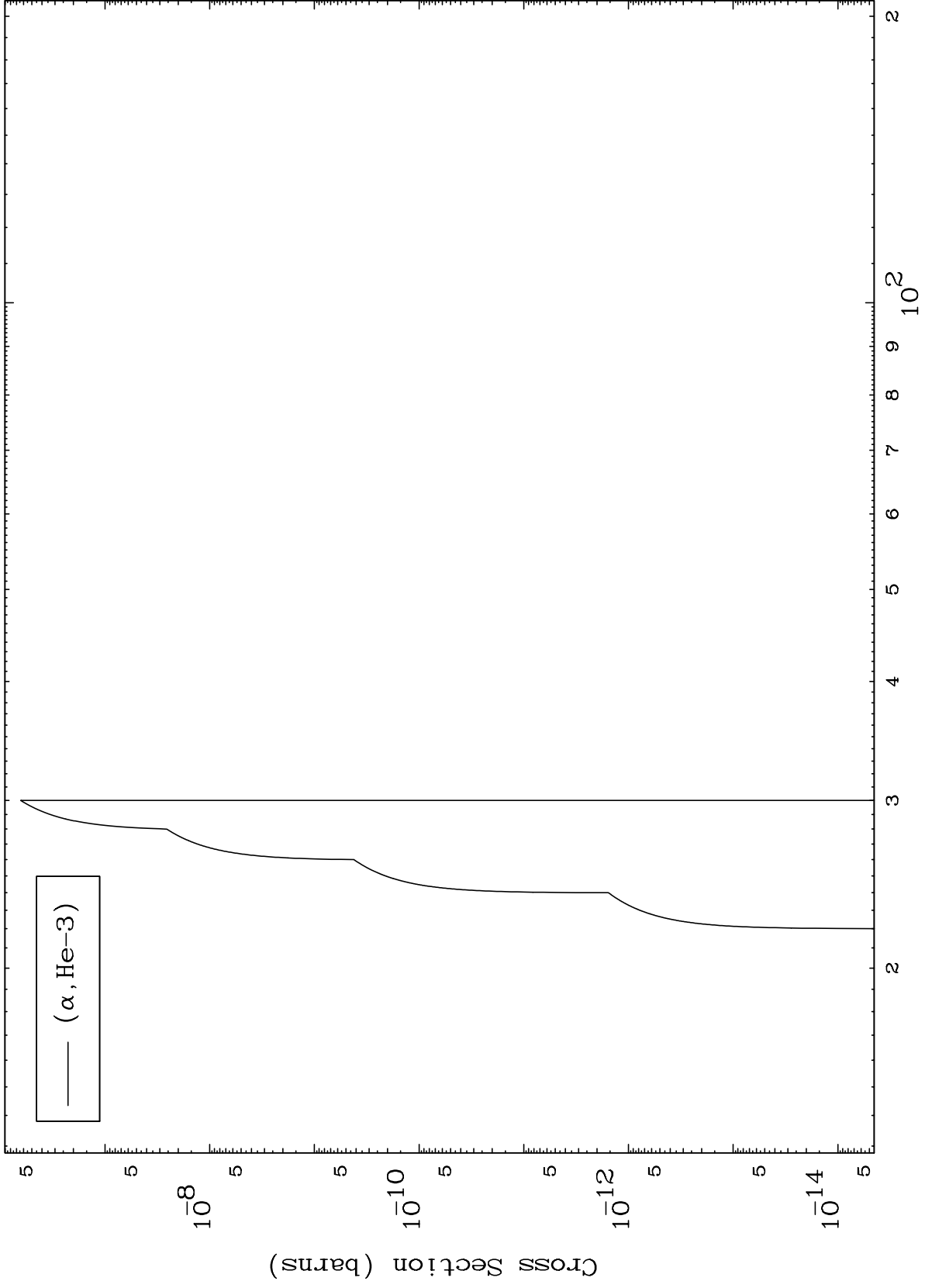


MAT 7325

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

73-Ta-180

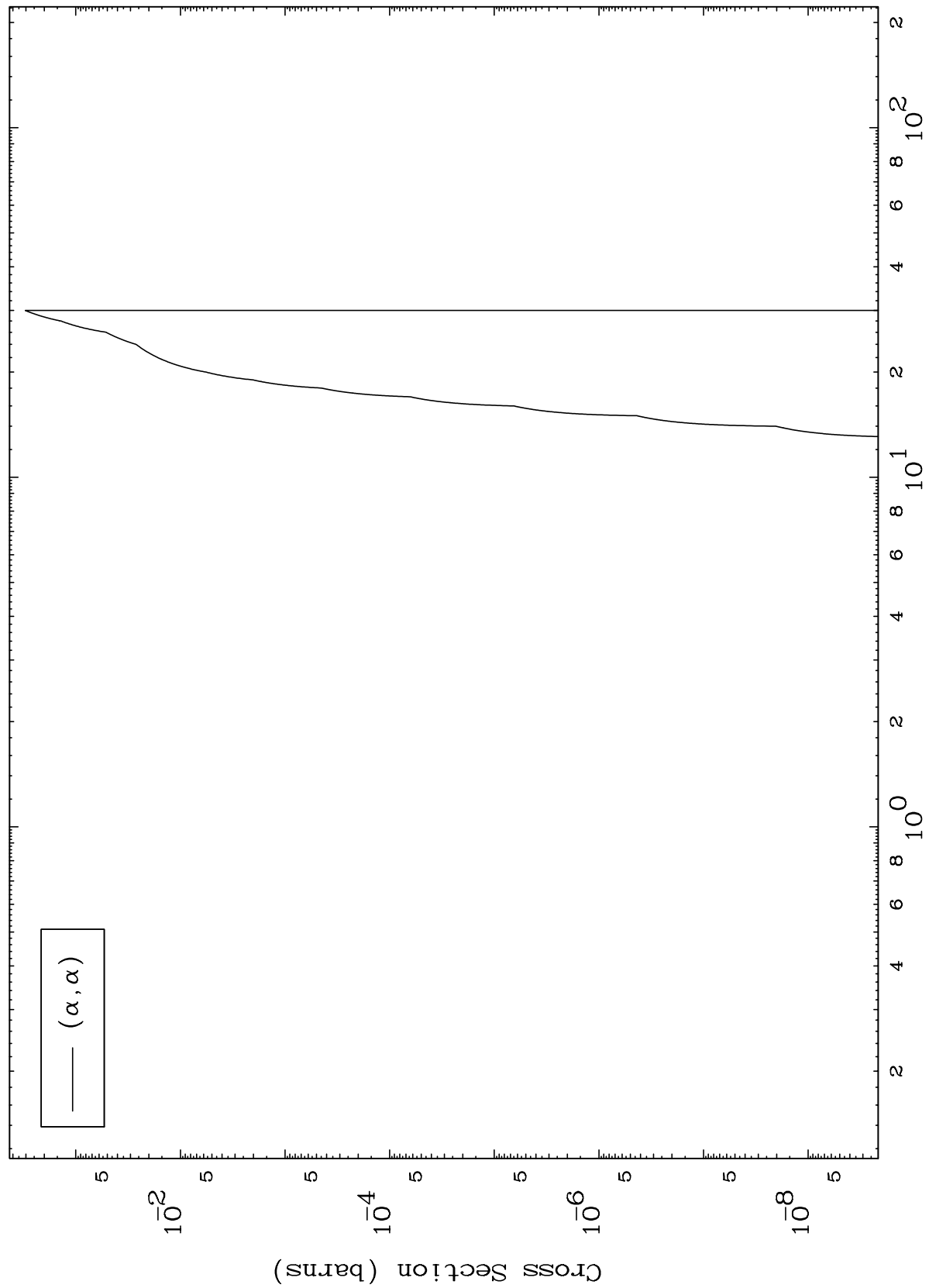




MAT 7325

73-Ta-180

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



73-Ta-180

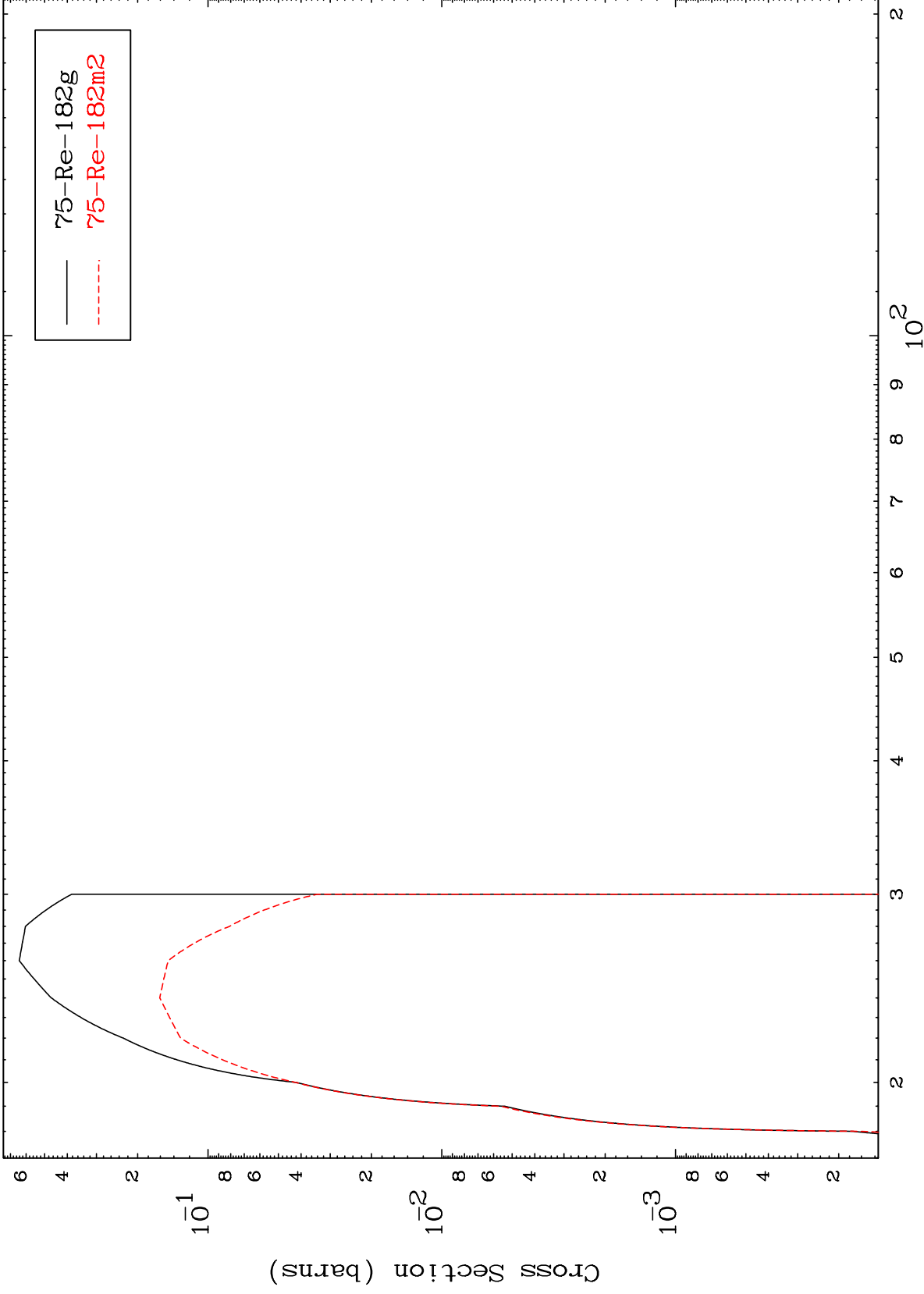
Incident Energy (MeV)

10

MAT 7325

73-Ta-180

$(\alpha, 2n)$   
Radionuclide Production Cross Section

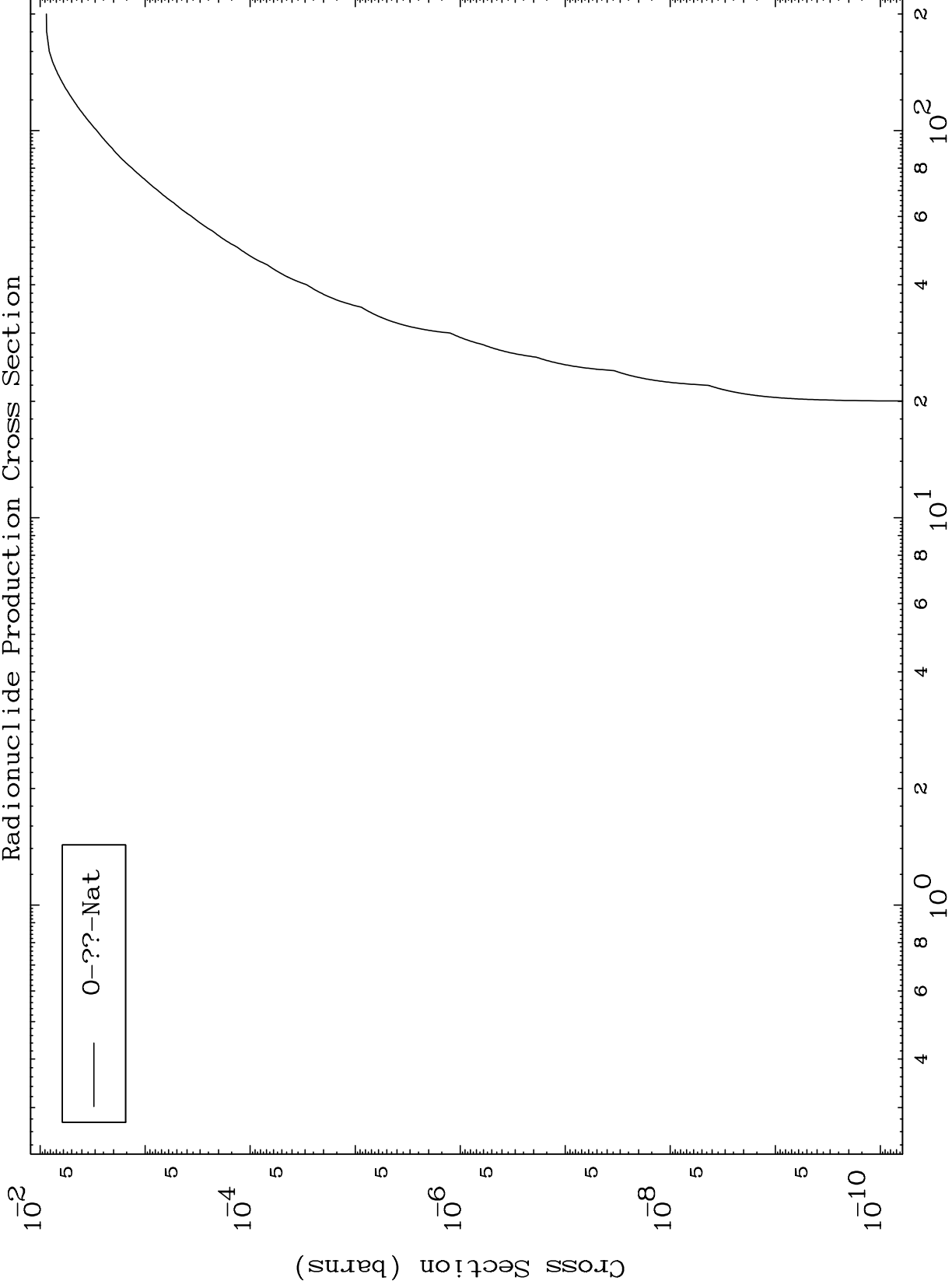


MAT 7325

$\alpha$  Fission

73-Ta-180

Radionuclide Production Cross Section



12

Incident Energy (MeV)

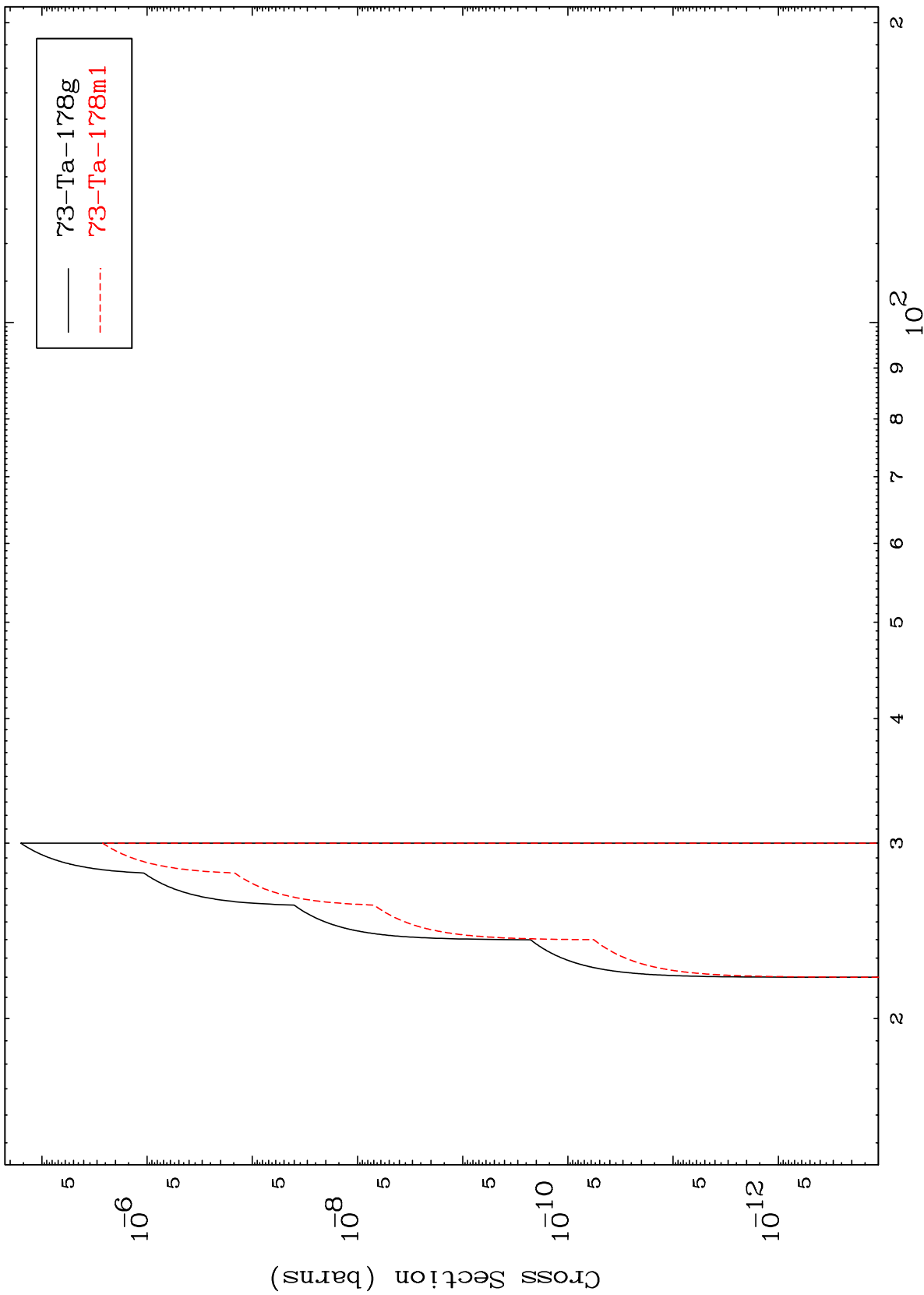
73-Ta-180

MAT 7325

$(\alpha, 2n) \alpha$

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section



13

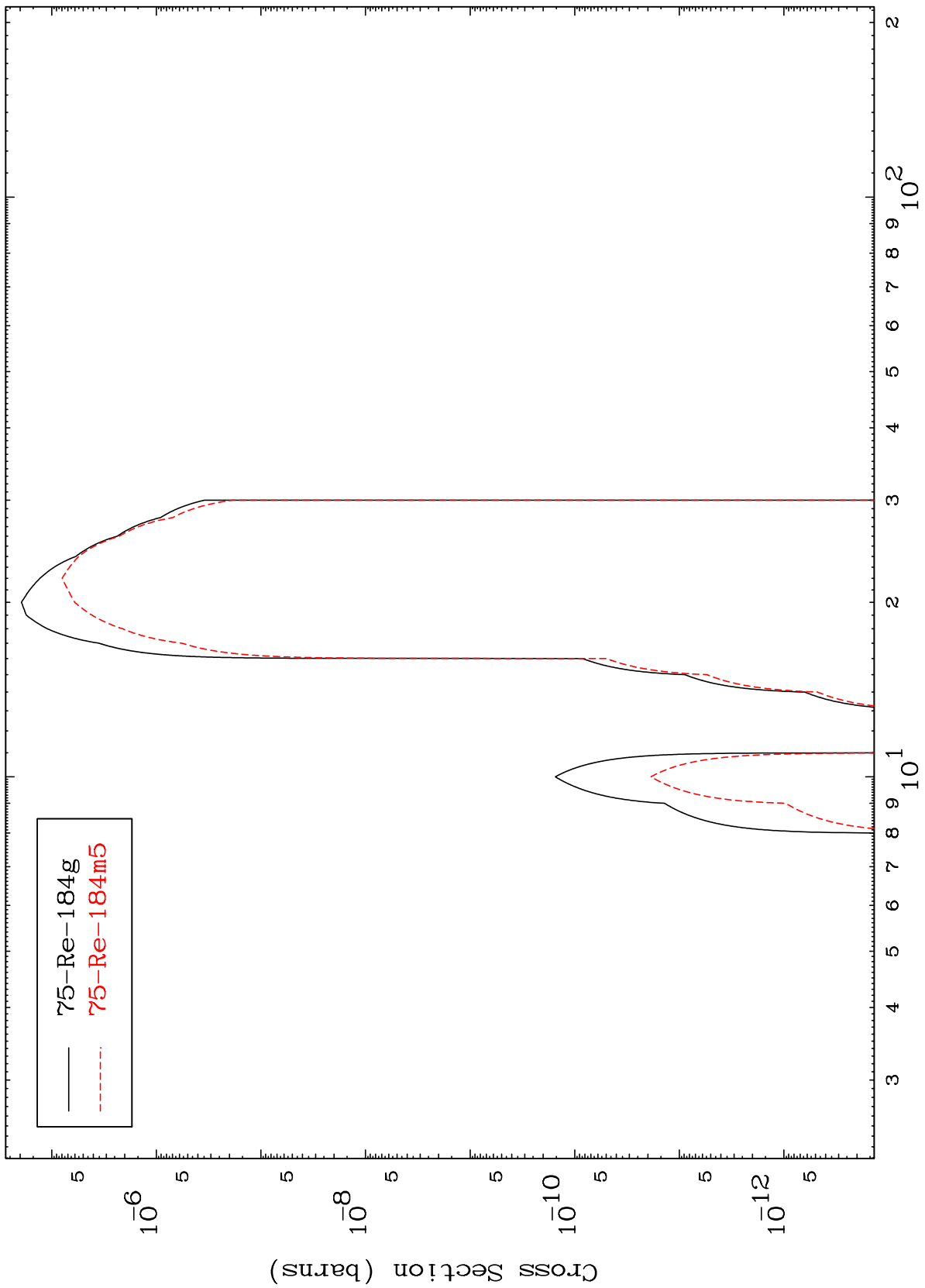
Incident Energy (MeV)

$^{73}\text{Ta-180}$

MAT 7325

<sup>73</sup>Ta-180

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

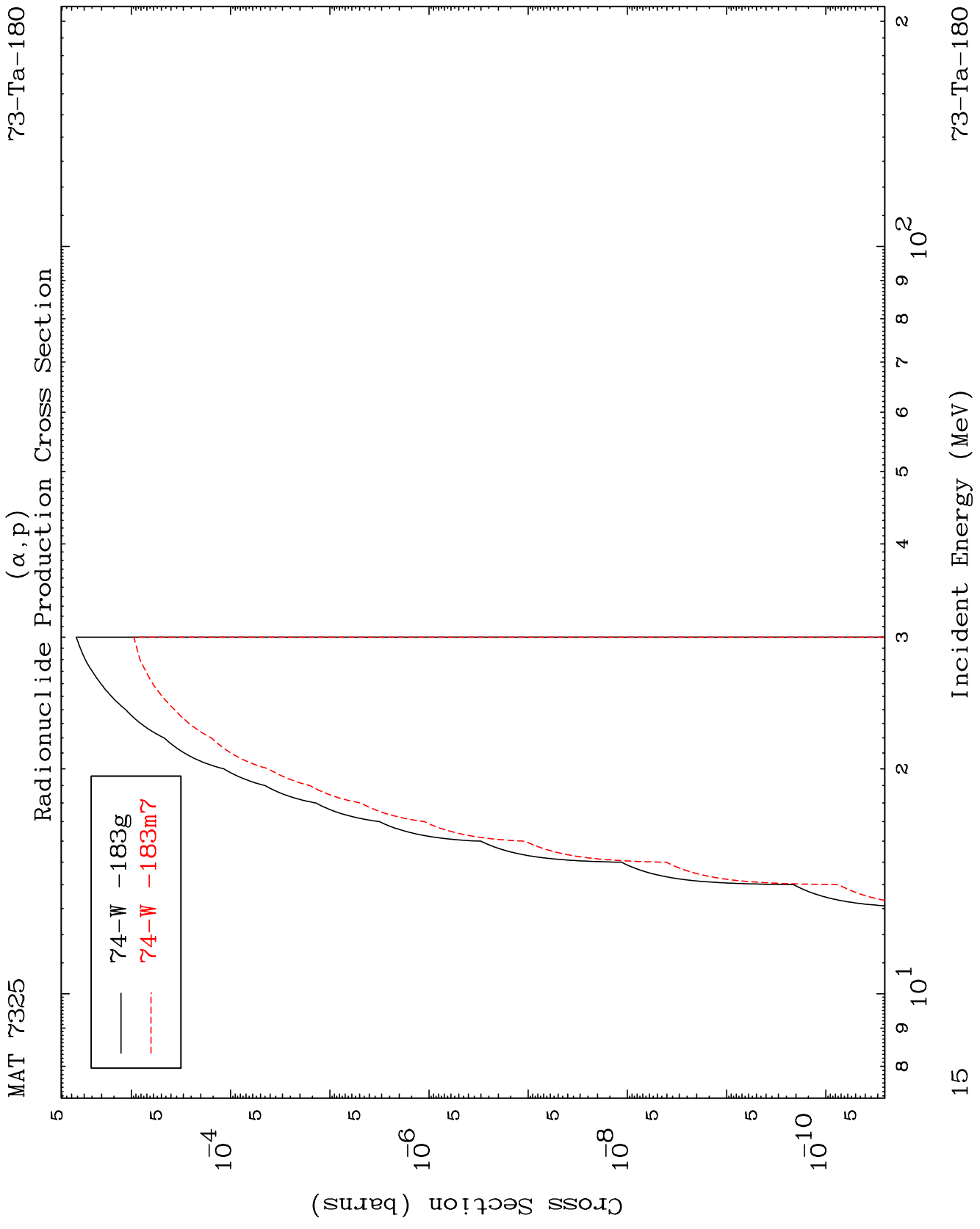


— 75-Re-184g  
- - - 75-Re-184m5

14

Incident Energy (MeV)

<sup>73</sup>Ta-180



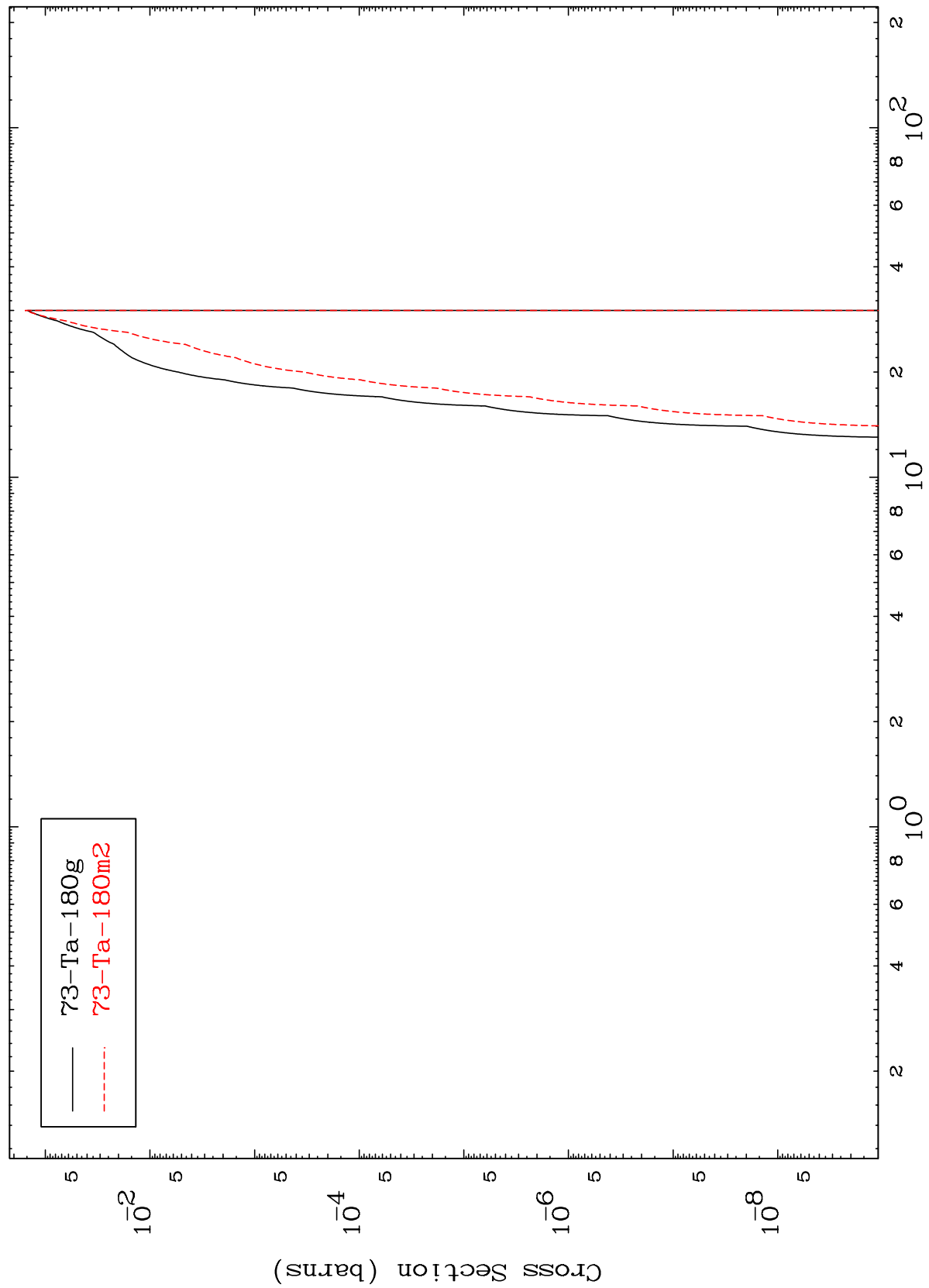


MAT 7325

( $\alpha, \alpha$ )

<sup>73</sup>Ta-180

Radionuclide Production Cross Section



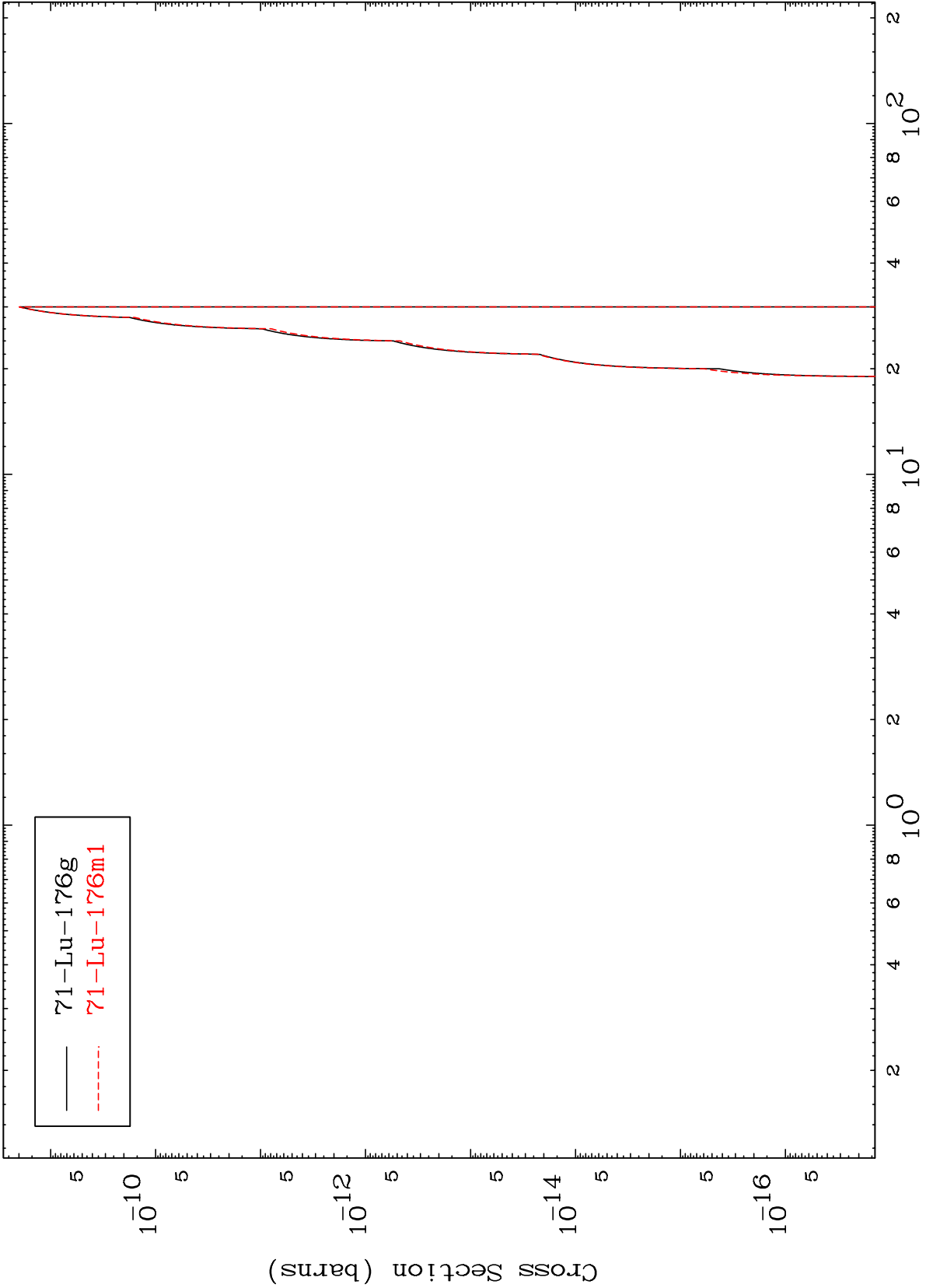
— 73-Ta-180g  
- - - 73-Ta-180m2

MAT 7325

( $\alpha, 2\alpha$ )

<sup>73</sup>Ta-180

Radionuclide Production Cross Section

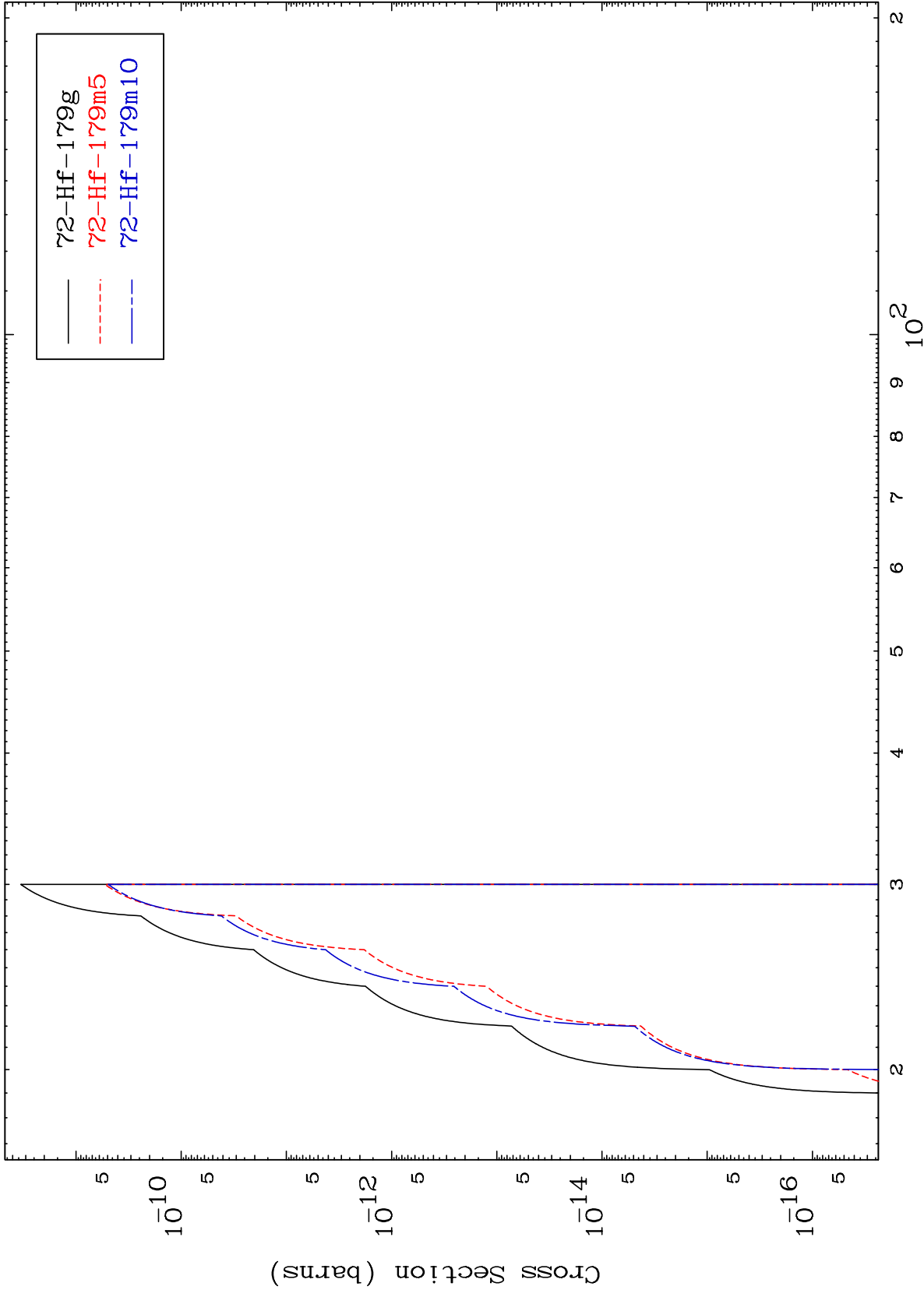


MAT 7325

( $\alpha, p$ )  $\alpha$

73-Ta-180

Radionuclide Production Cross Section



18

Incident Energy (MeV)

73-Ta-180