

Program EVALPLOT  
(Version 2018-1)

by

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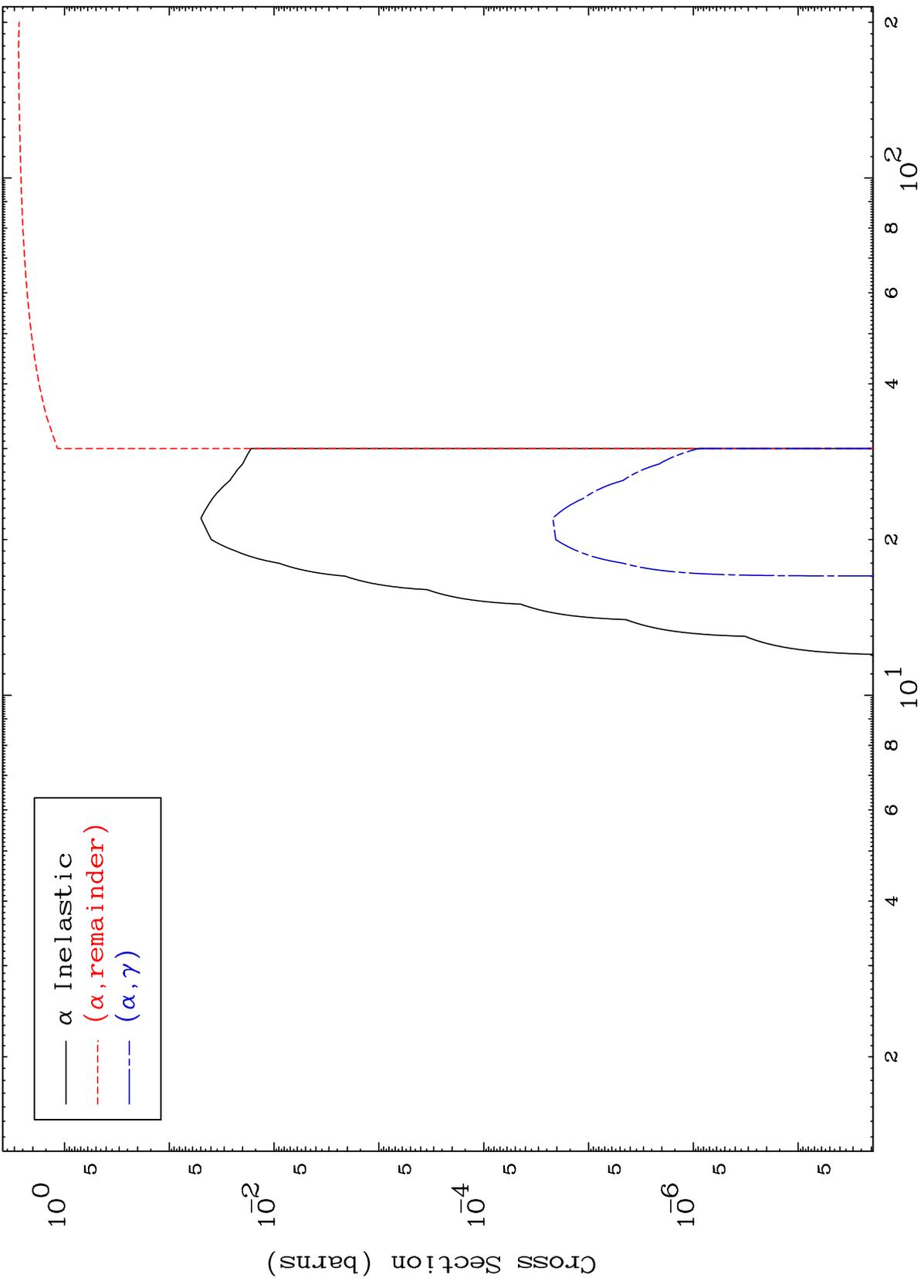
Press Mouse Button to Start

MAT 7837

$\alpha$  Major

78-Pt-194

0 Kelvin Cross Sections

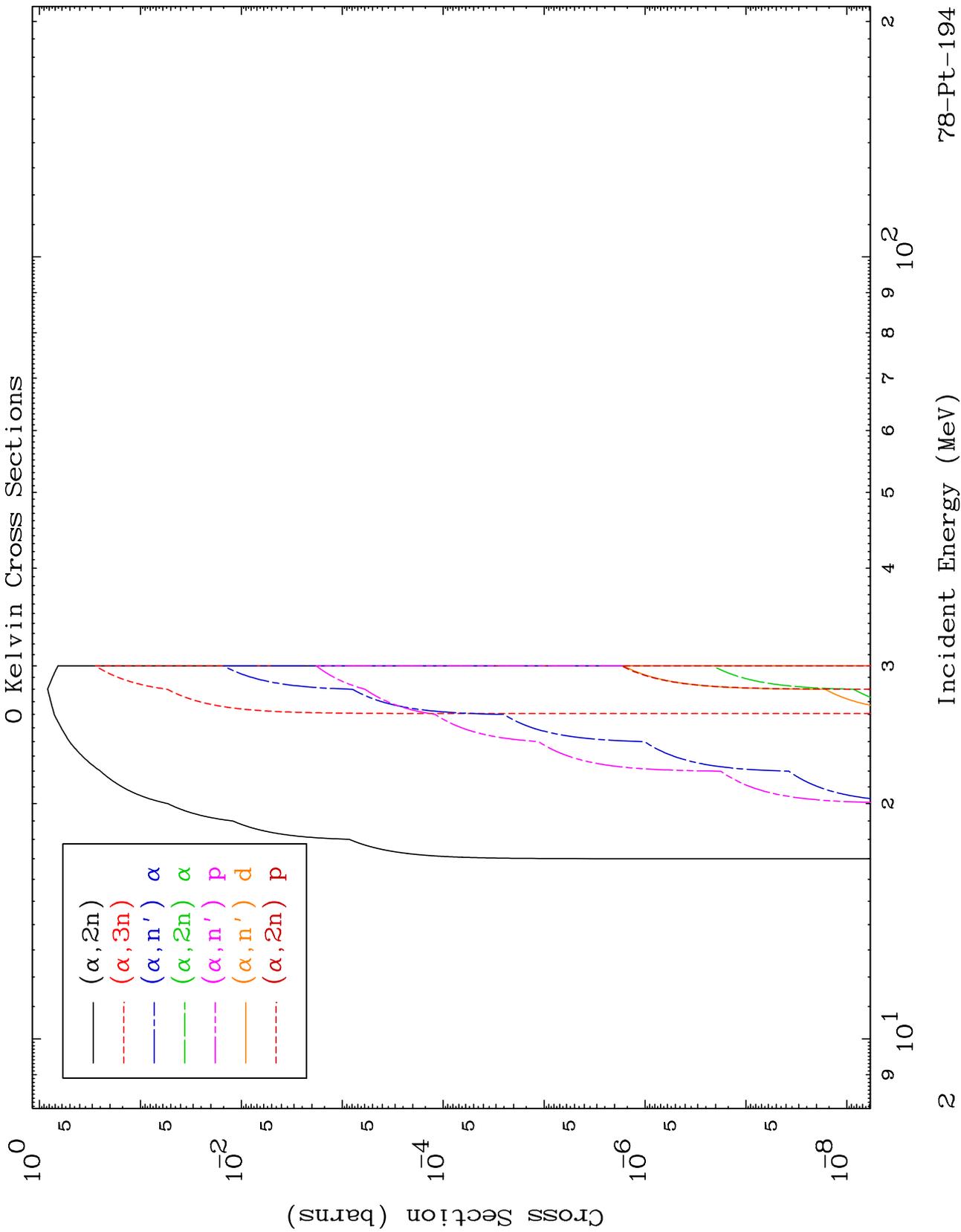


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

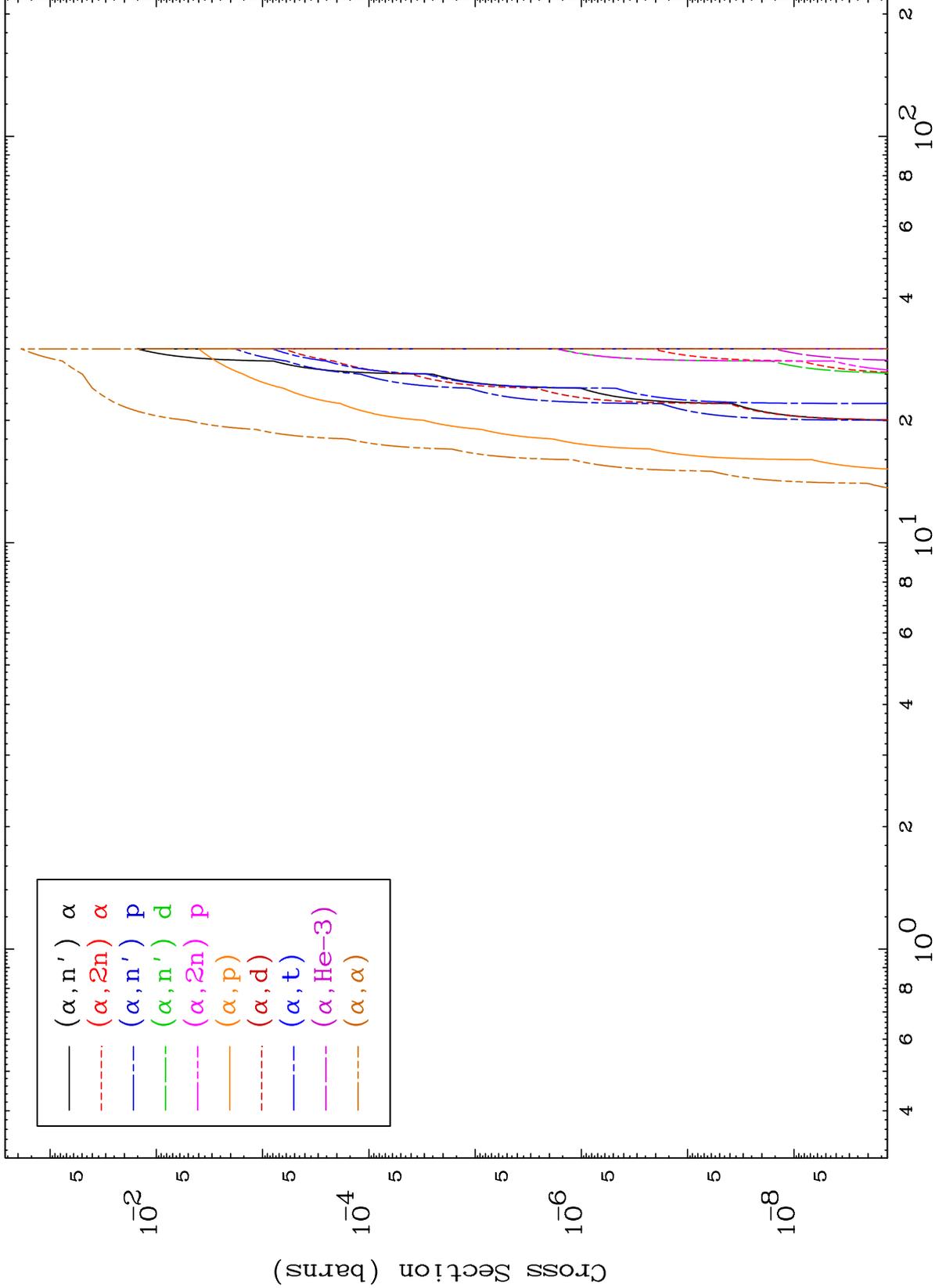
MAT 7837

$\alpha$  Neutron Production

78-Pt-194



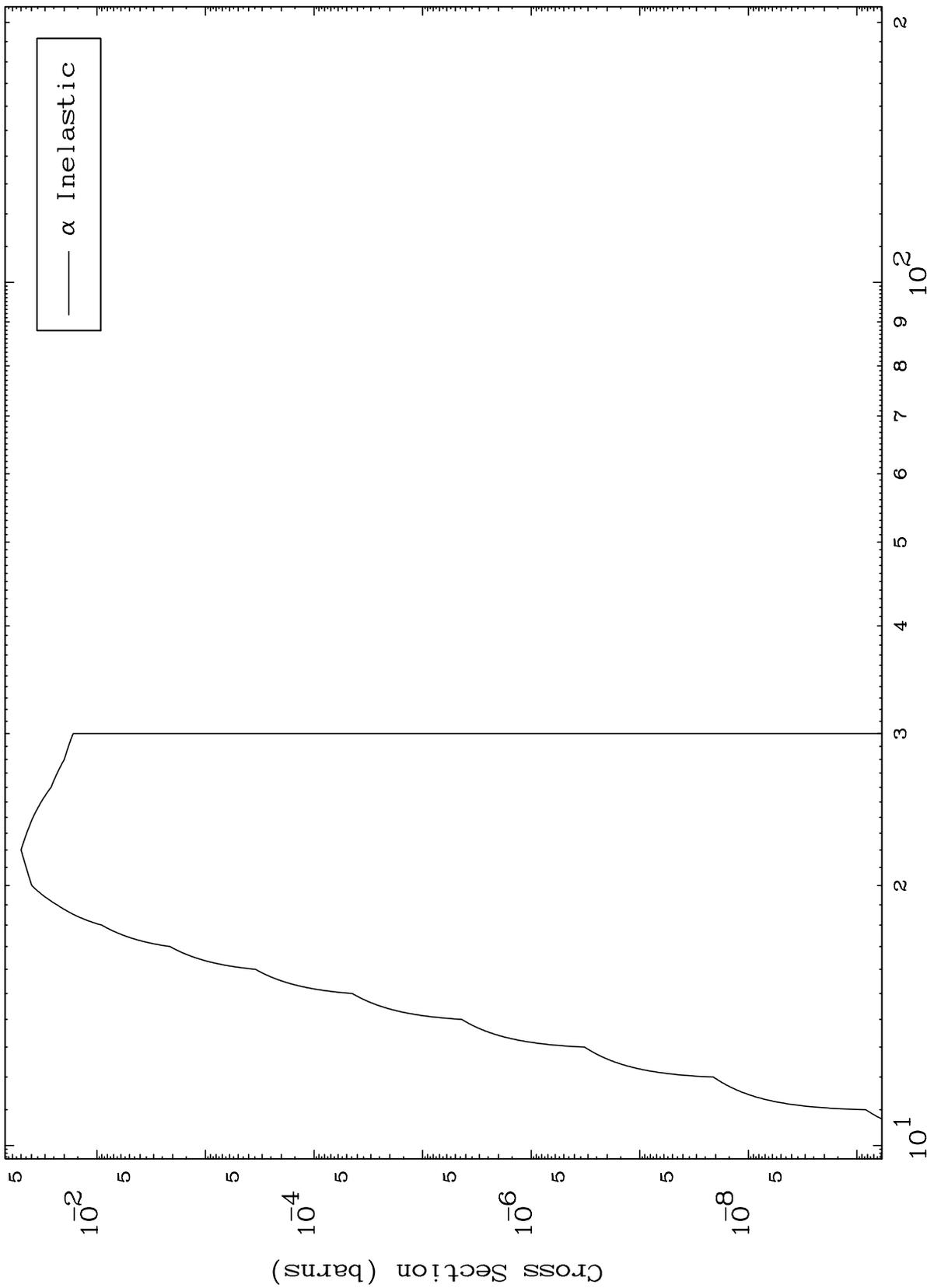
78-Pt-194



MAT 7837

78-Pt-194

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections



78-Pt-194

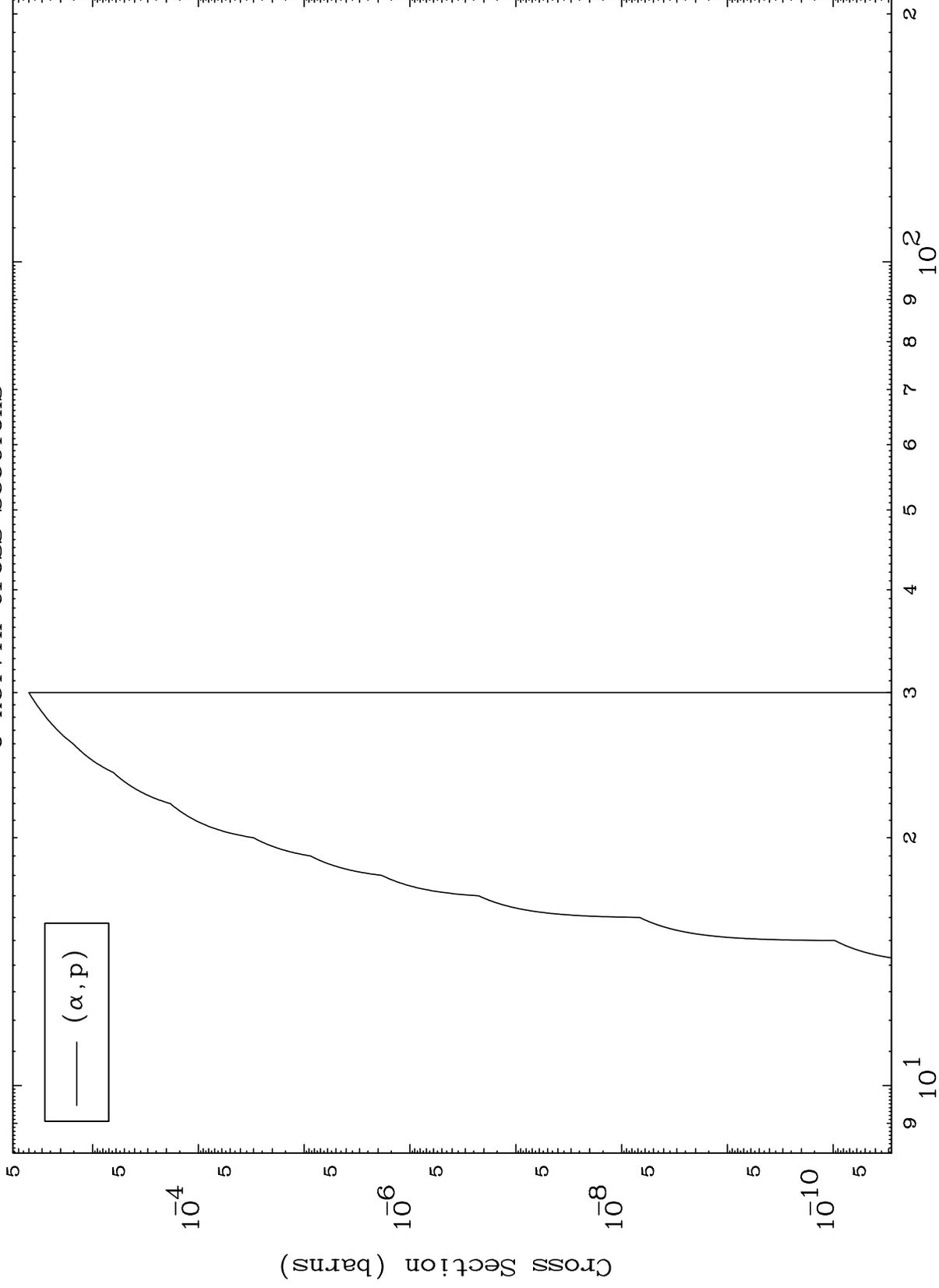
Incident Energy (MeV)

4

MAT 7837

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

78-Pt-194



Incident Energy (MeV)

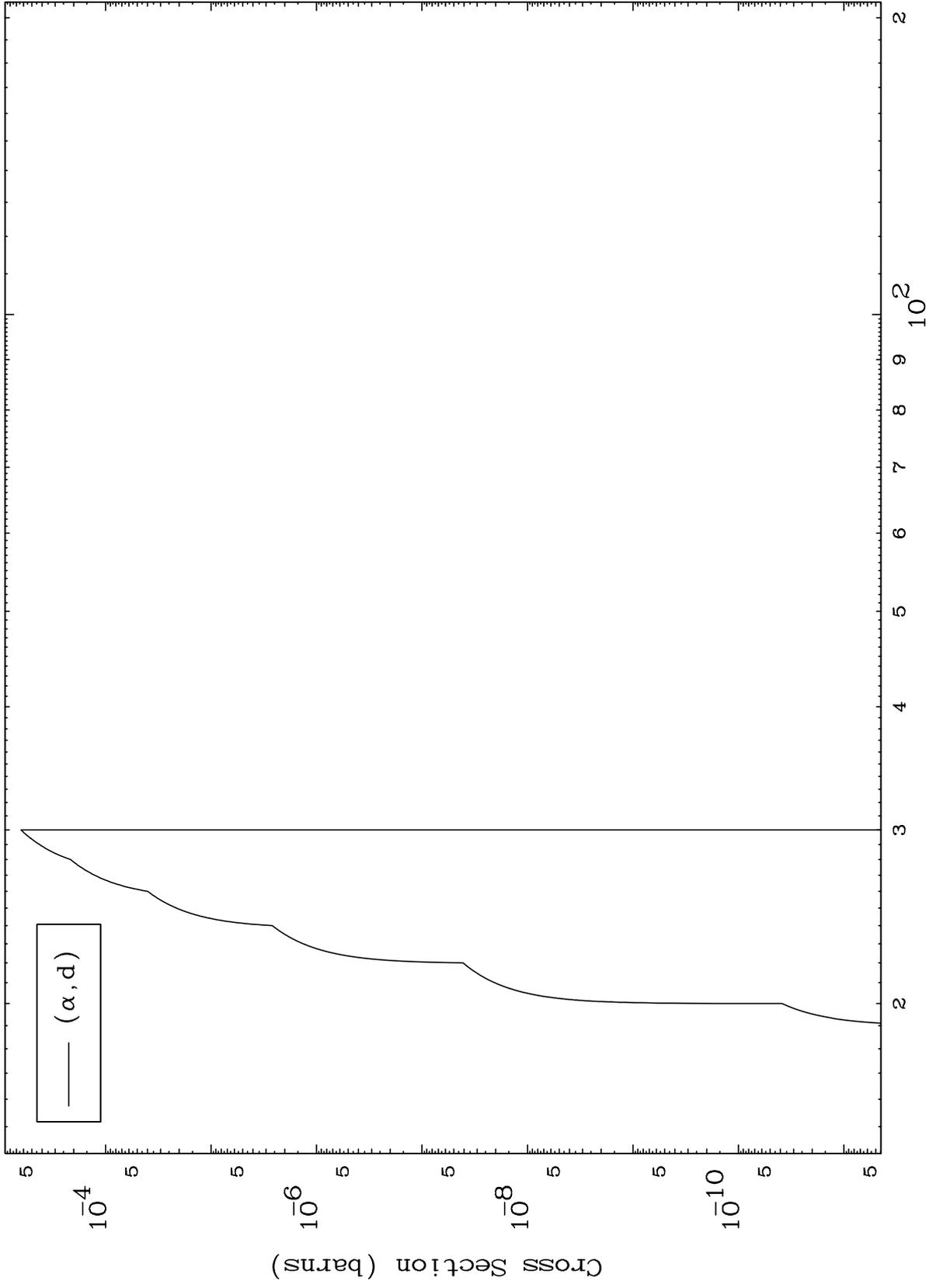
78-Pt-194

5

MAT 7837

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

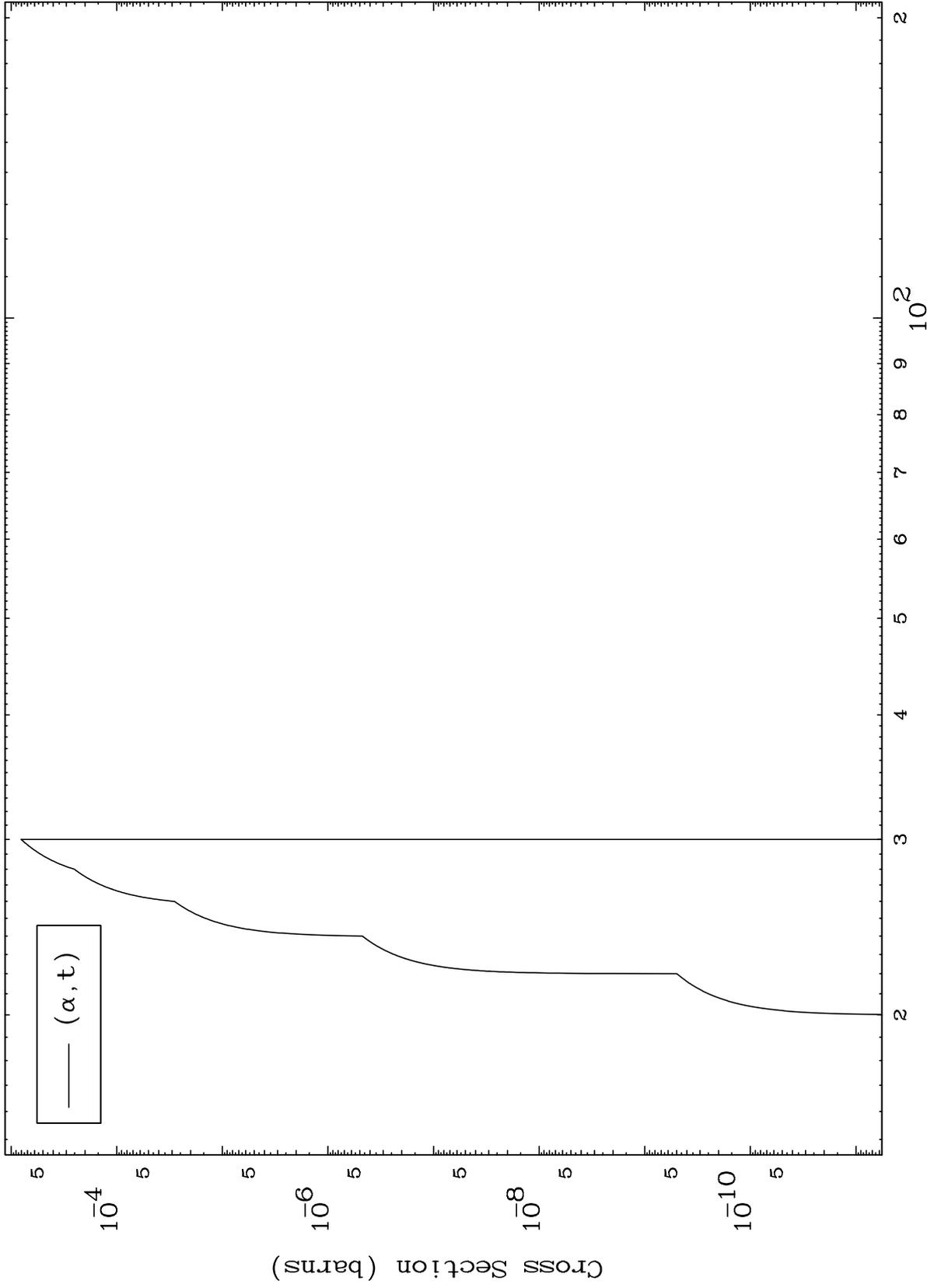
78-Pt-194



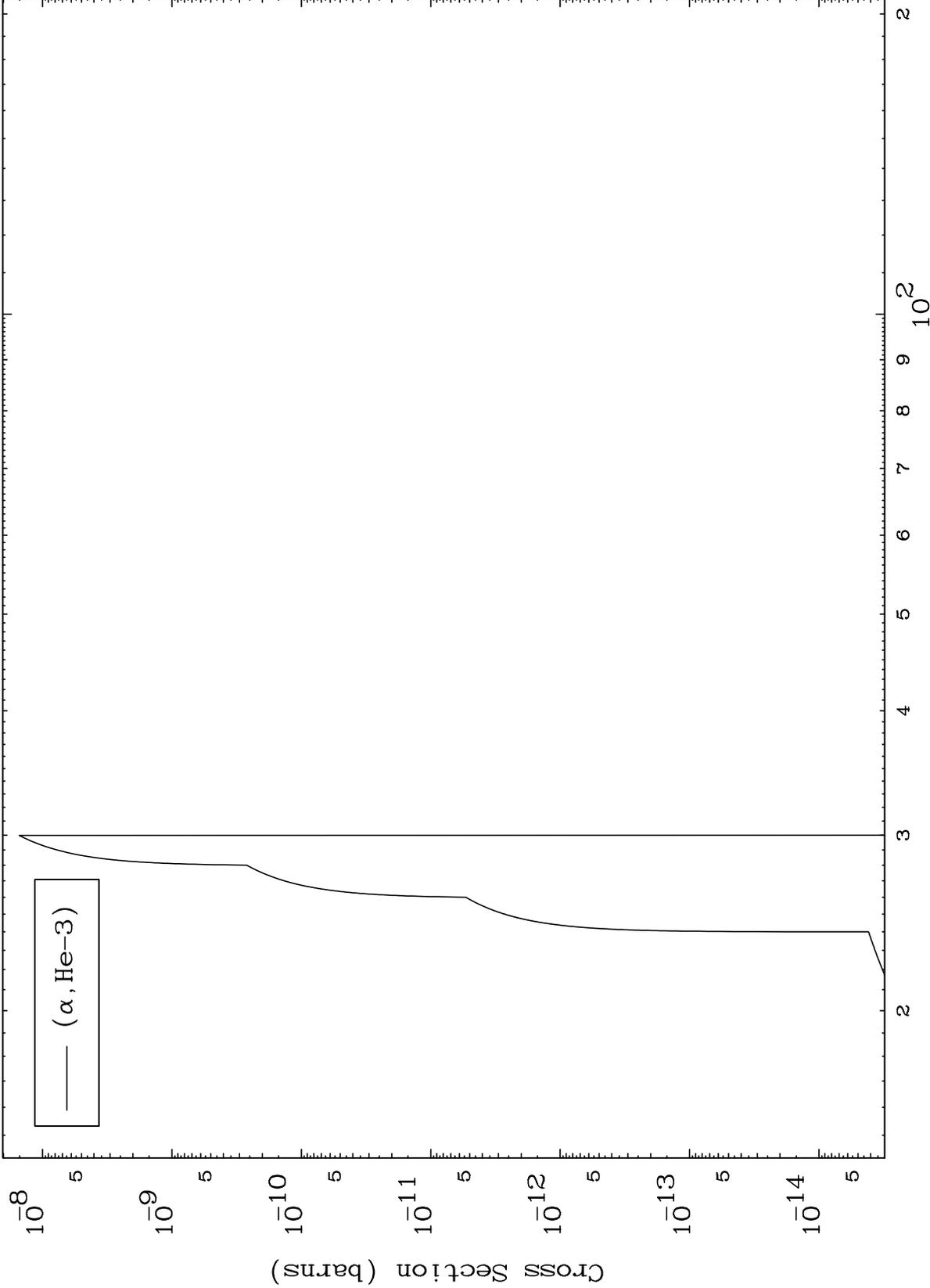
6

Incident Energy (MeV)

78-Pt-194



0 Kelvin Cross Sections

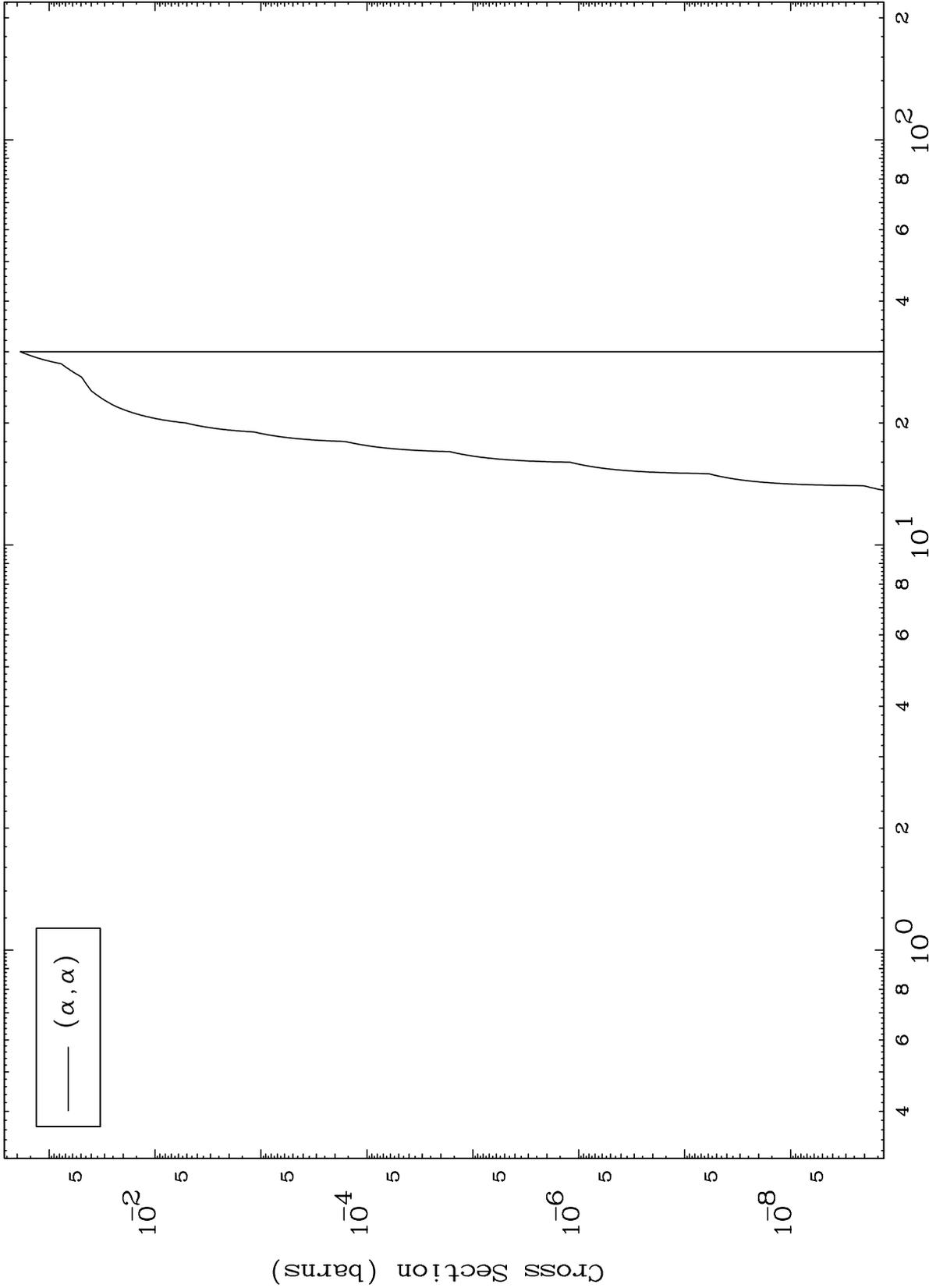


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( $\alpha, \alpha$ ) Levels

78-Pt-194

0 Kelvin Cross Sections



9

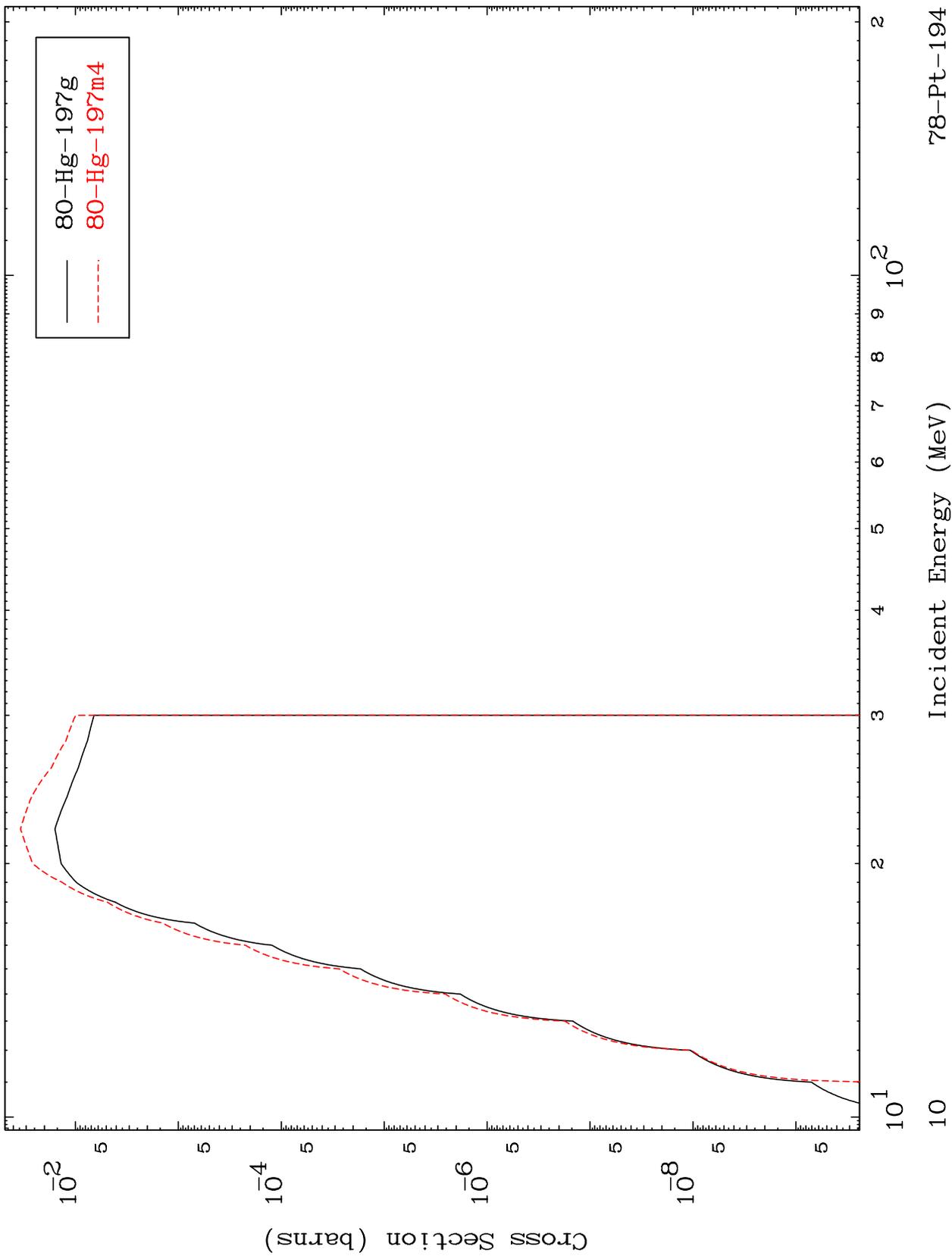
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

$\alpha$  Inelastic  
Radionuclide Production Cross Section



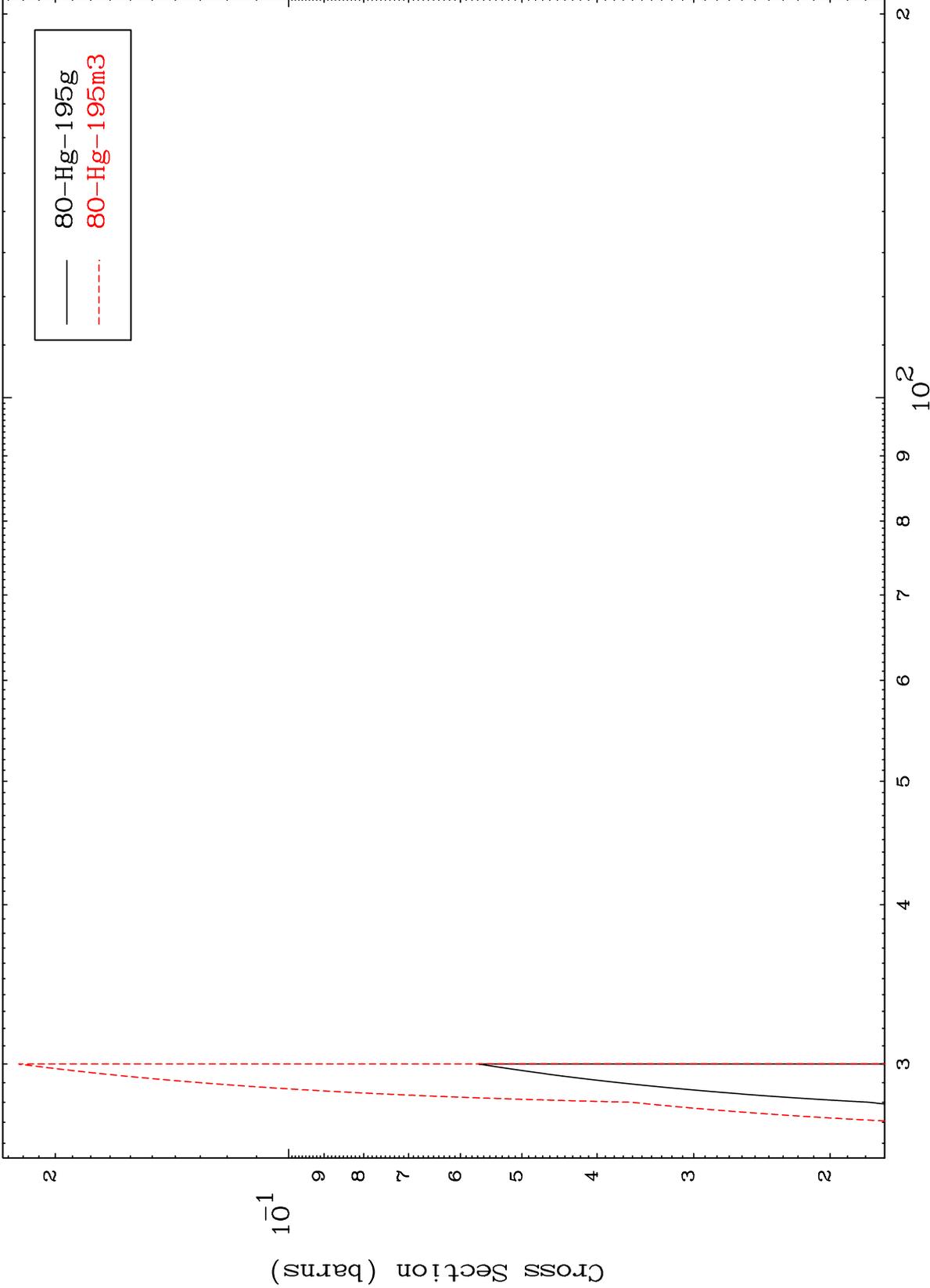
78-Pt-194

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( $\alpha, 3n$ )

78-Pt-194

Radionuclide Production Cross Section



11

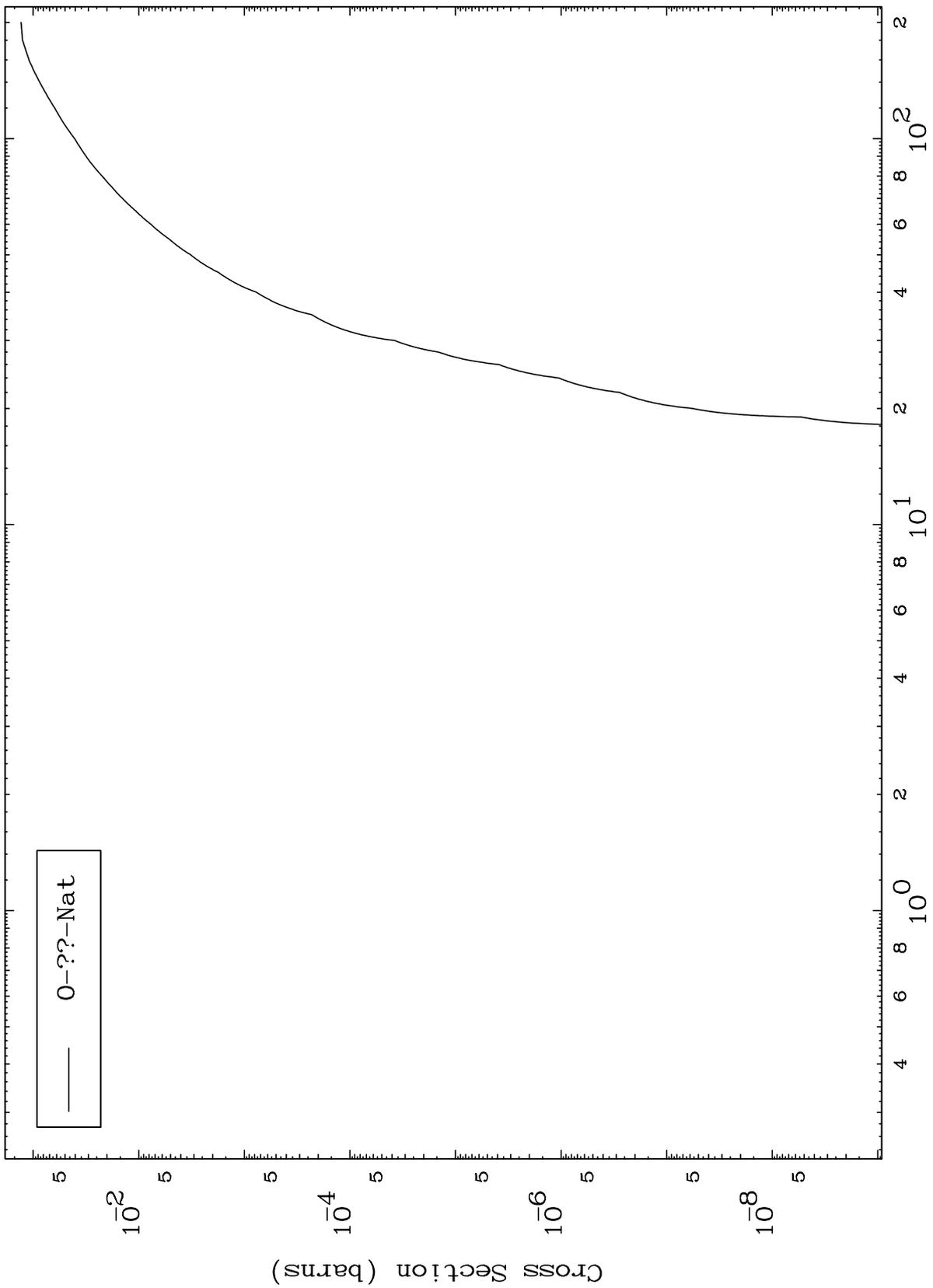
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

$\alpha$  Fission  
Radionuclide Production Cross Section

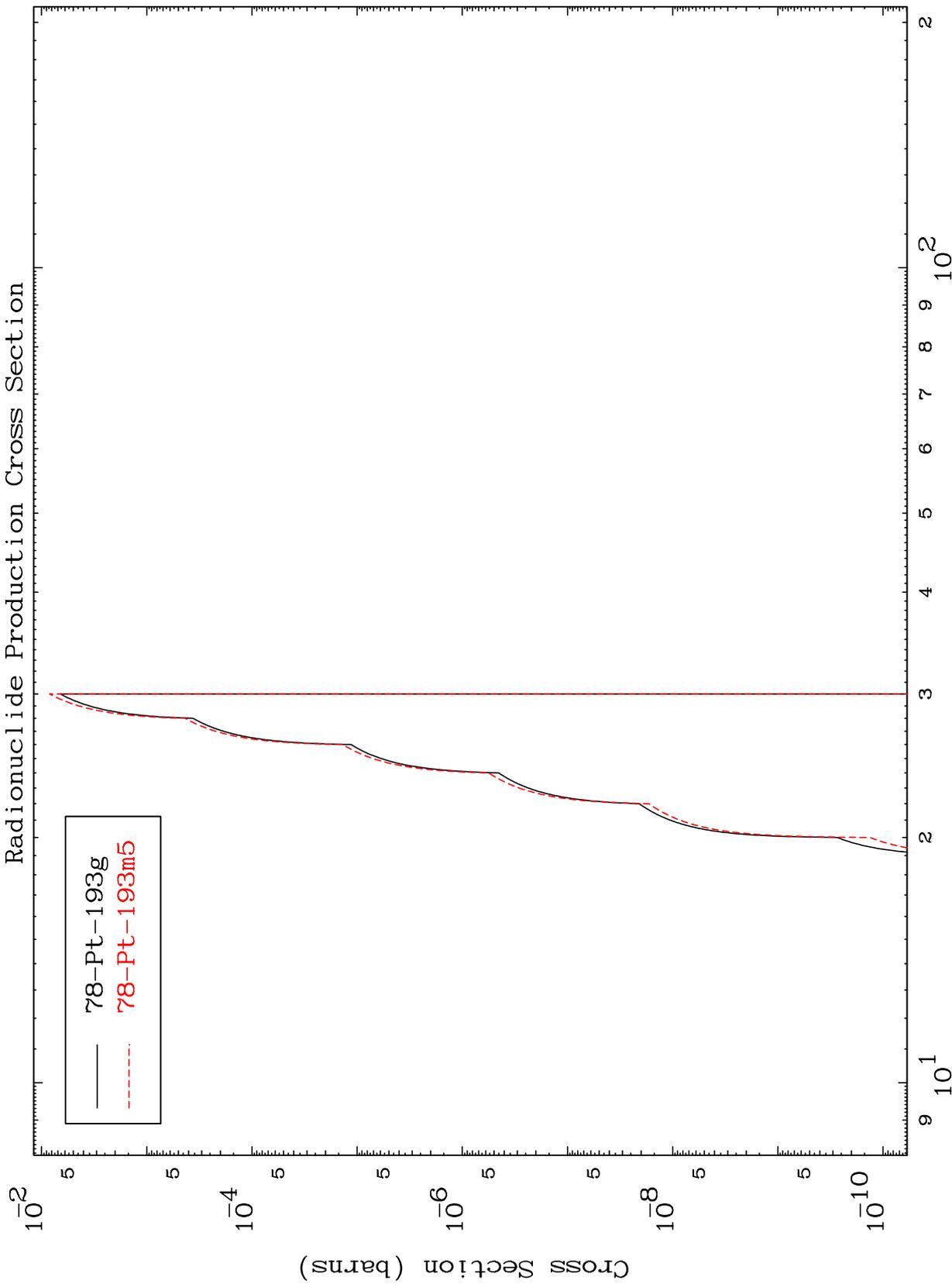


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$(\alpha, n')$   $\alpha$

78-Pt-194

Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

13

Incident Energy (MeV)

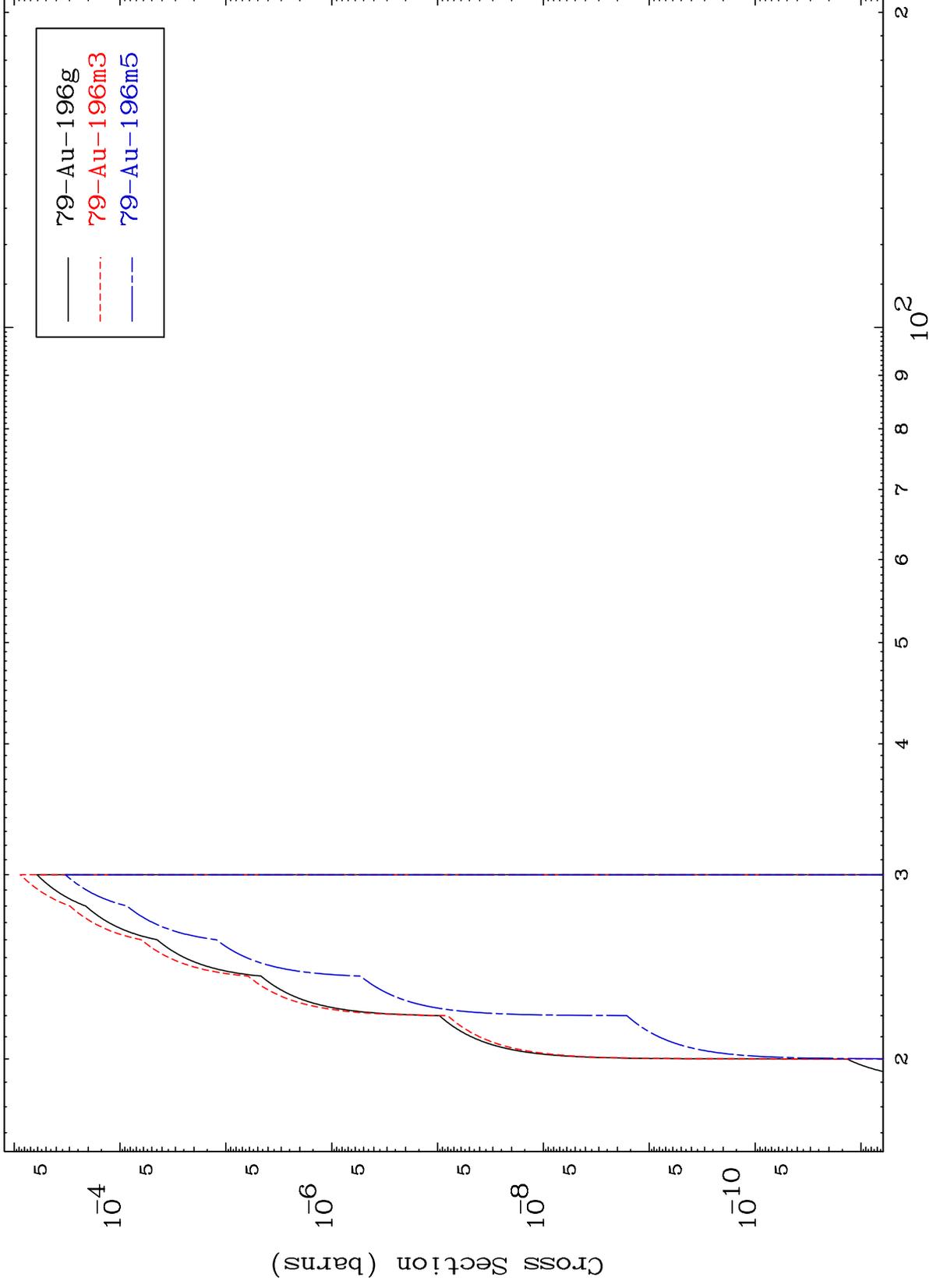
78-Pt-194

MAT 7837

$(\alpha, n')$  p

78-Pt-194

Radionuclide Production Cross Section



14

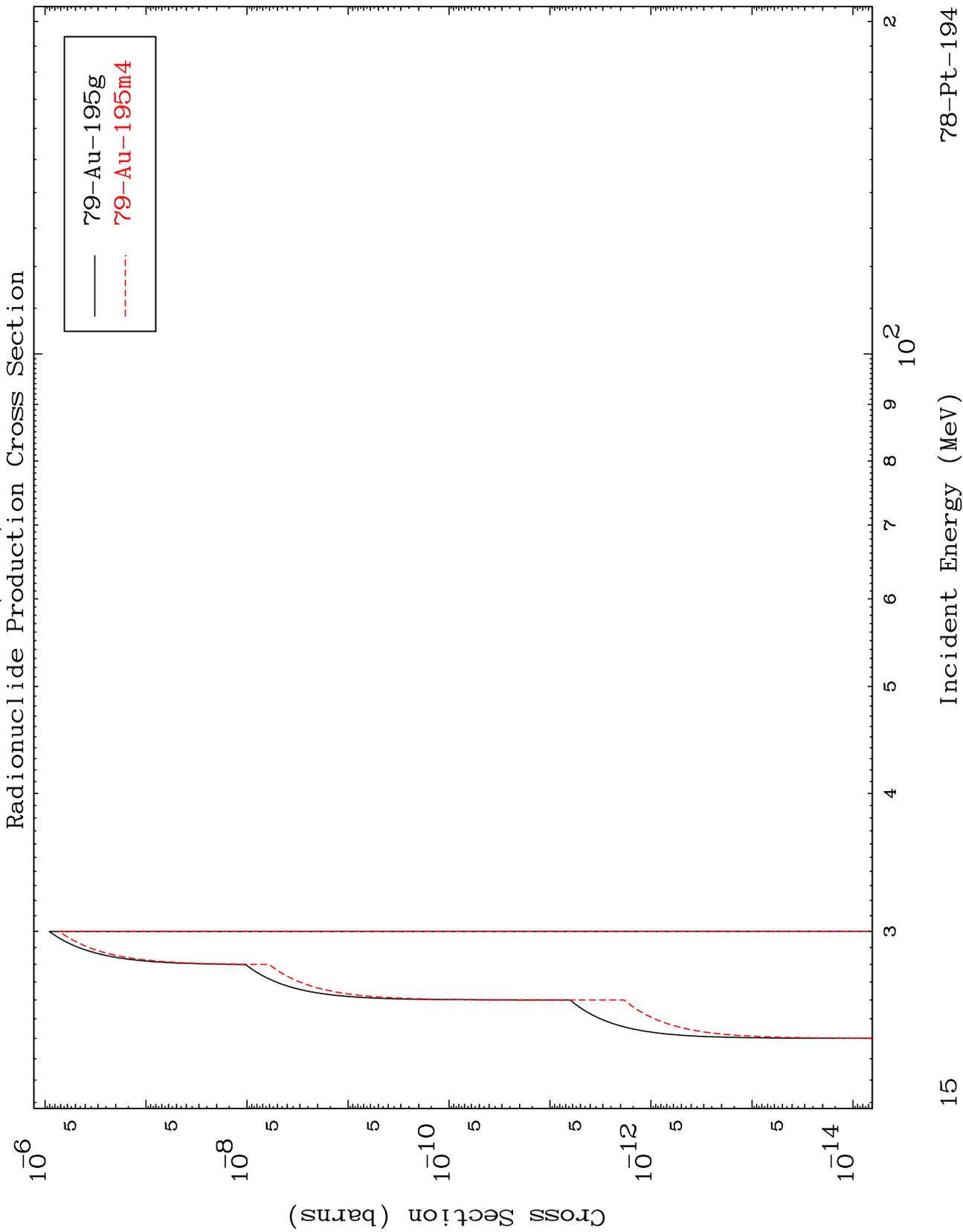
Incident Energy (MeV)

78-Pt-194

MAT 7837

$(\alpha, n')$  d

78-Pt-194



15

Incident Energy (MeV)

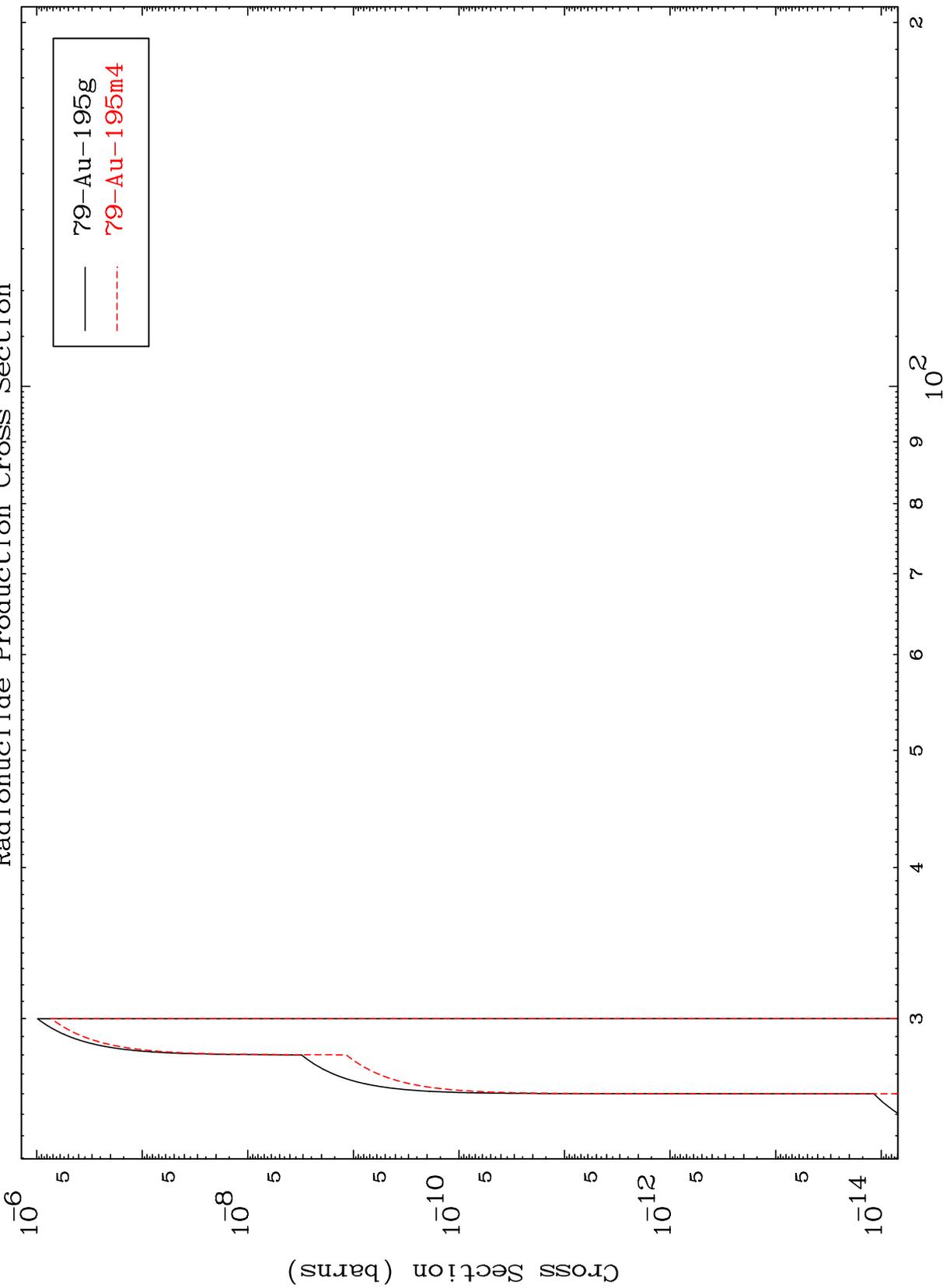
78-Pt-194

MAT 7837

$(\alpha, 2n)$  p

78-Pt-194

Radionuclide Production Cross Section



16

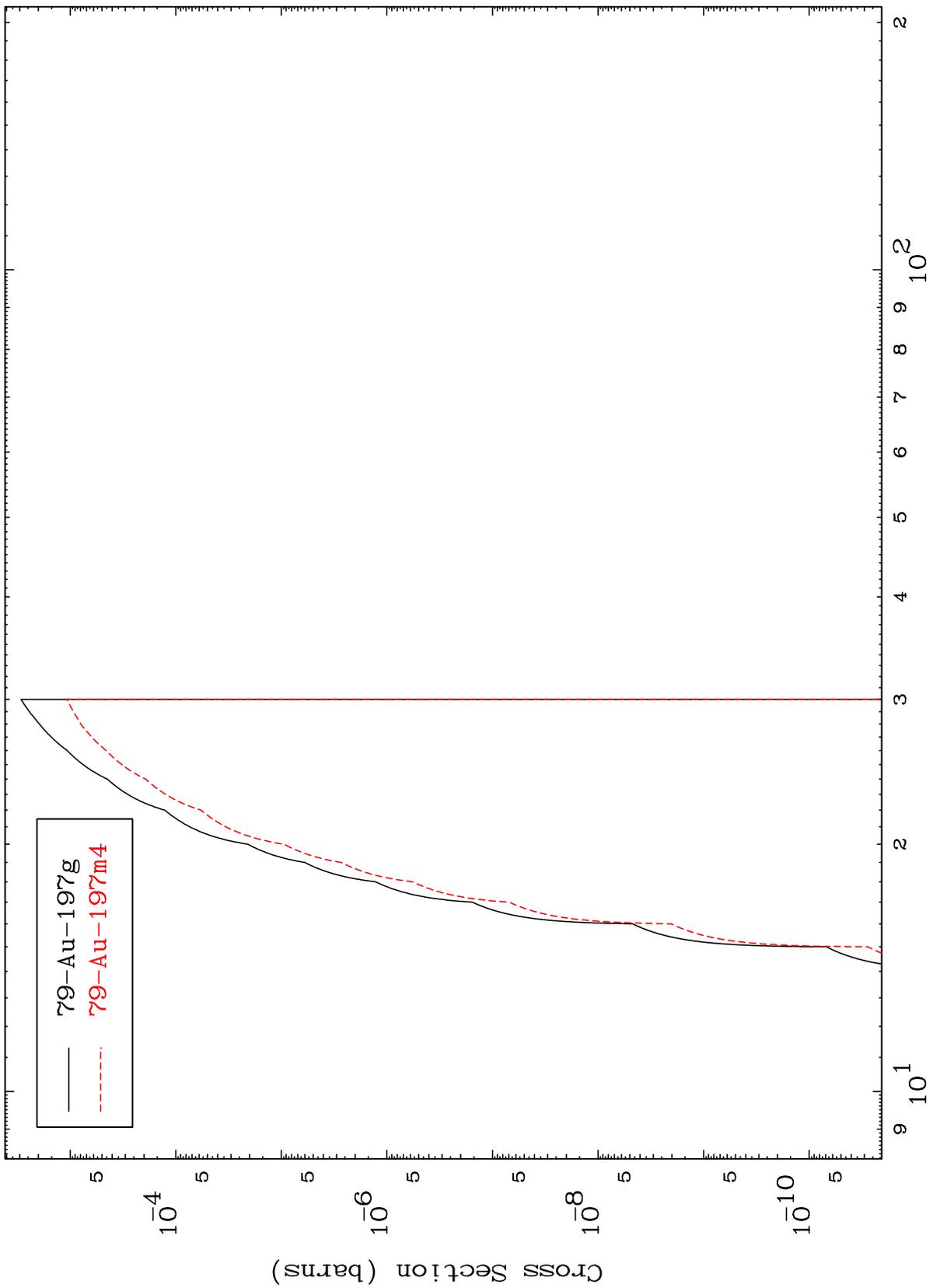
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

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

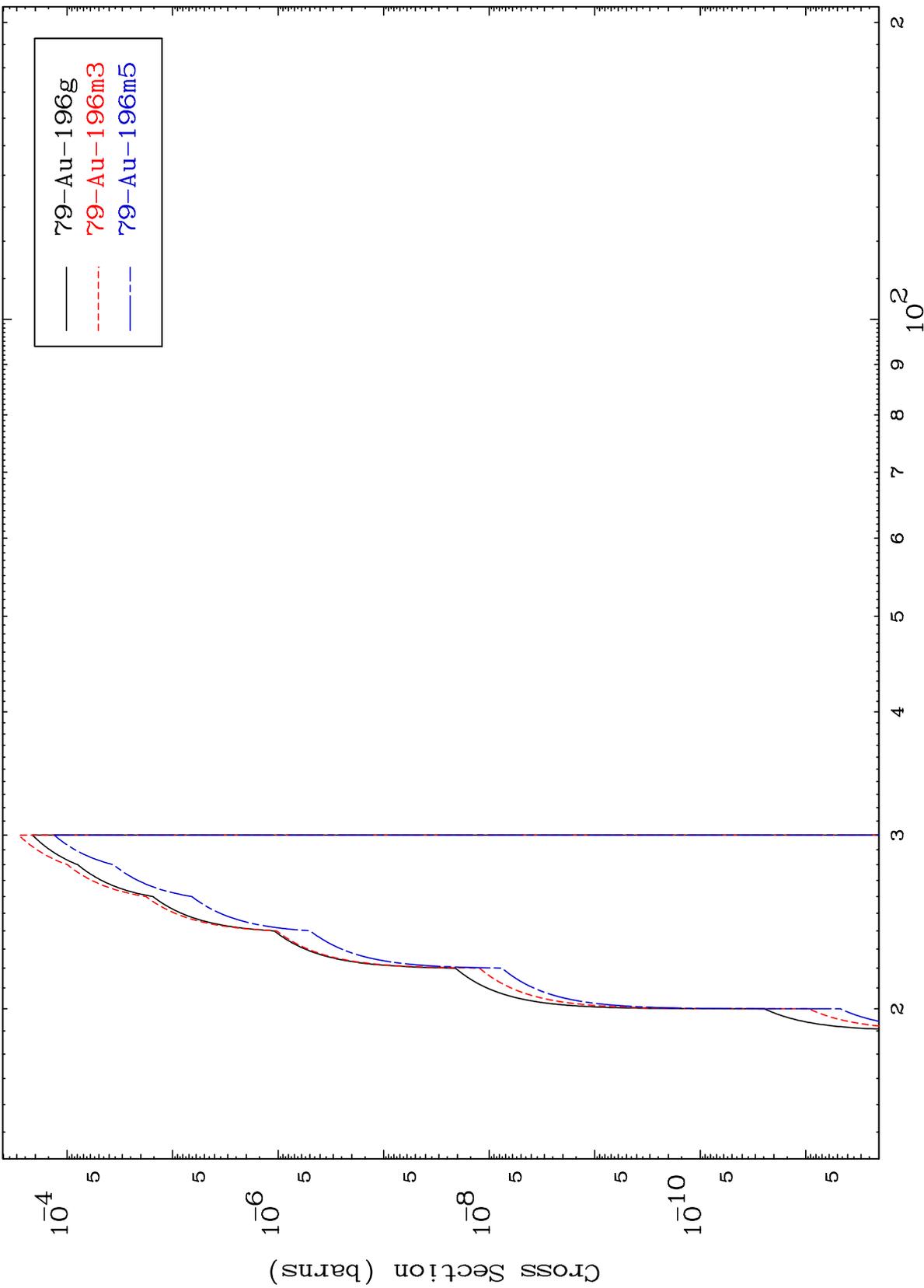


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Incident Energy (MeV)

78-Pt-194

Radionuclide Production Cross Section

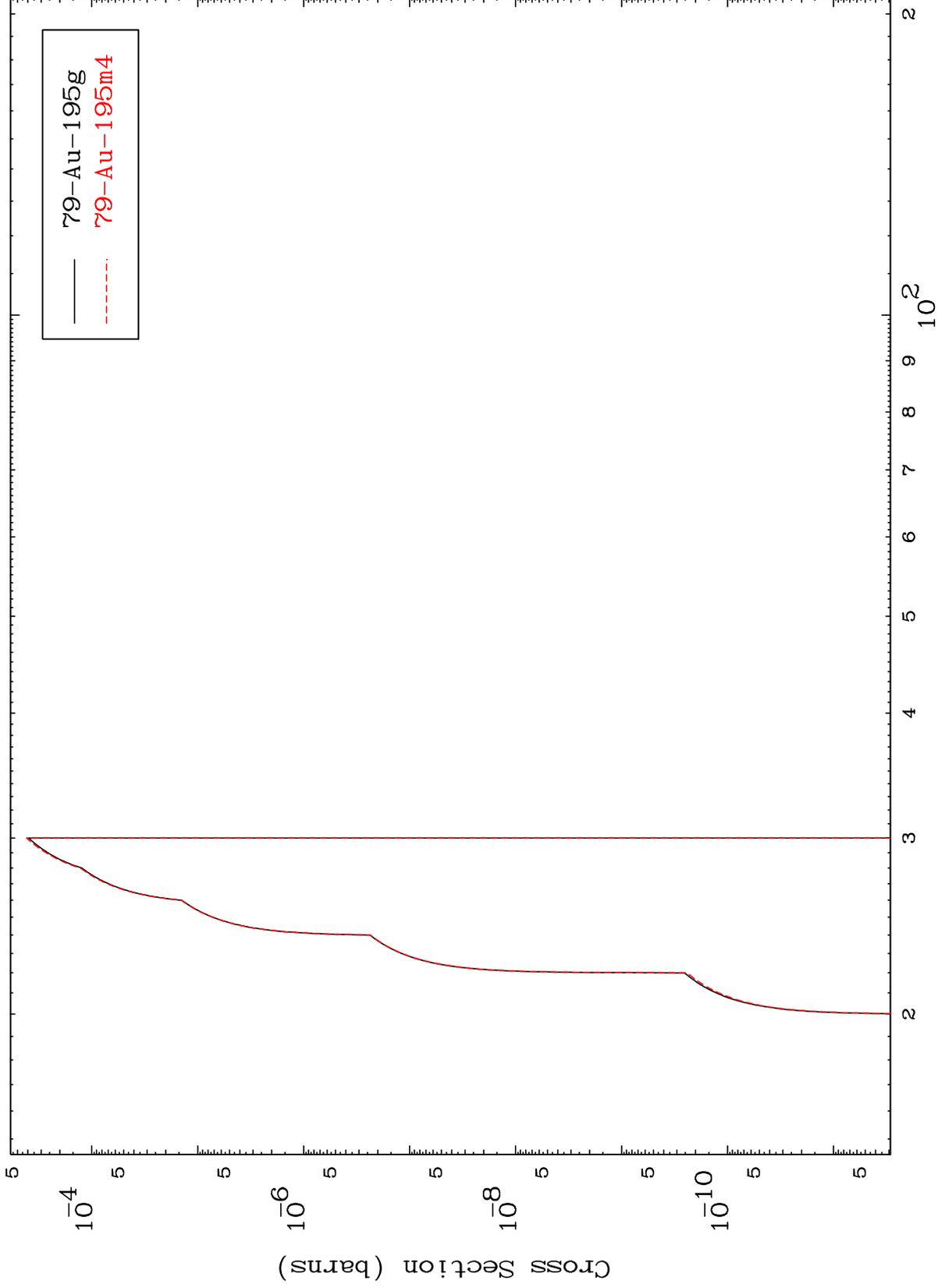


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( $\alpha, t$ )

78-Pt-194

Radionuclide Production Cross Section



19

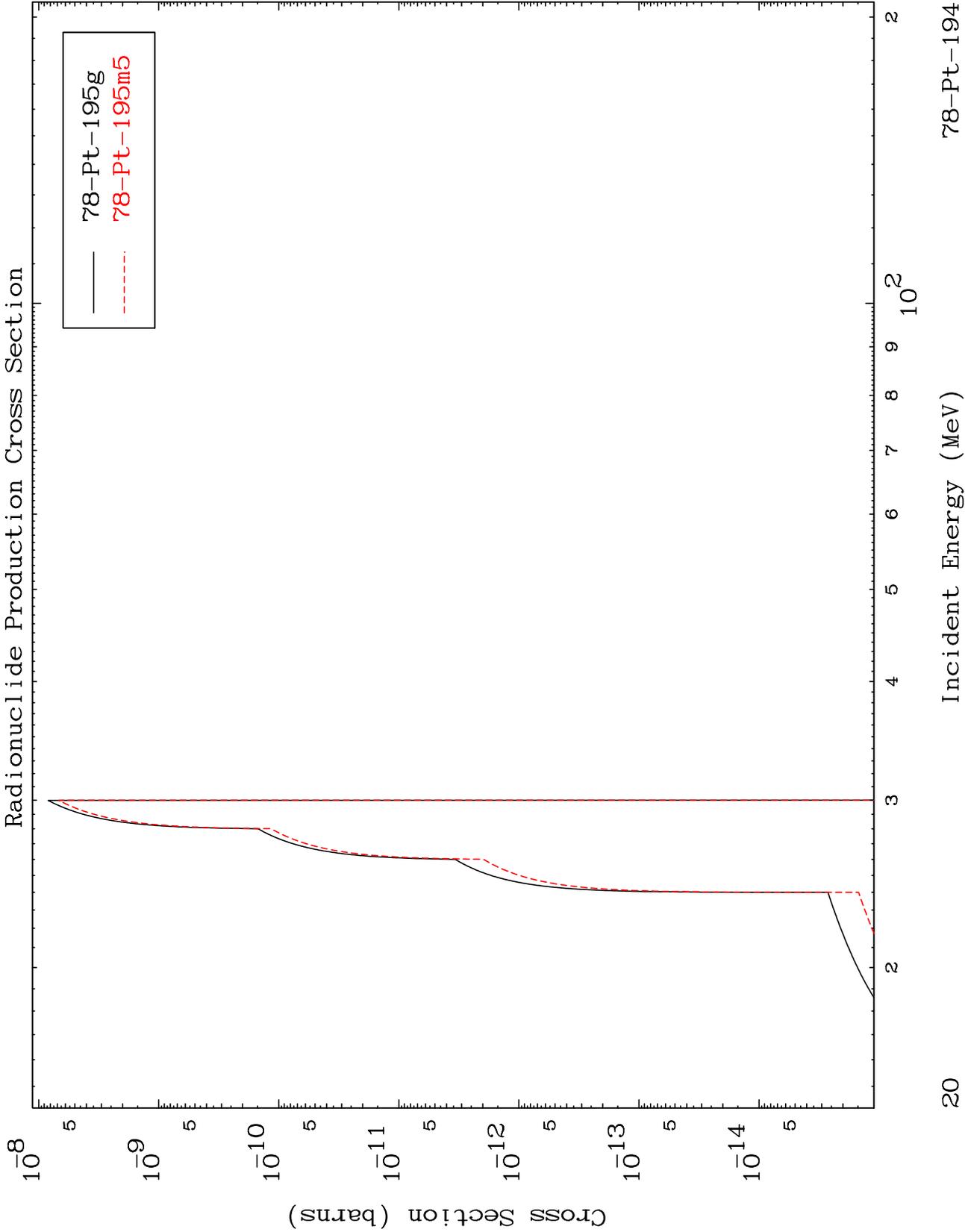
Incident Energy (MeV)

78-Pt-194

MAT 7837

( $\alpha, \text{He-3}$ )

78-Pt-194



20

78-Pt-194