

Program EVALPLOT  
(Version 2018-1)

by

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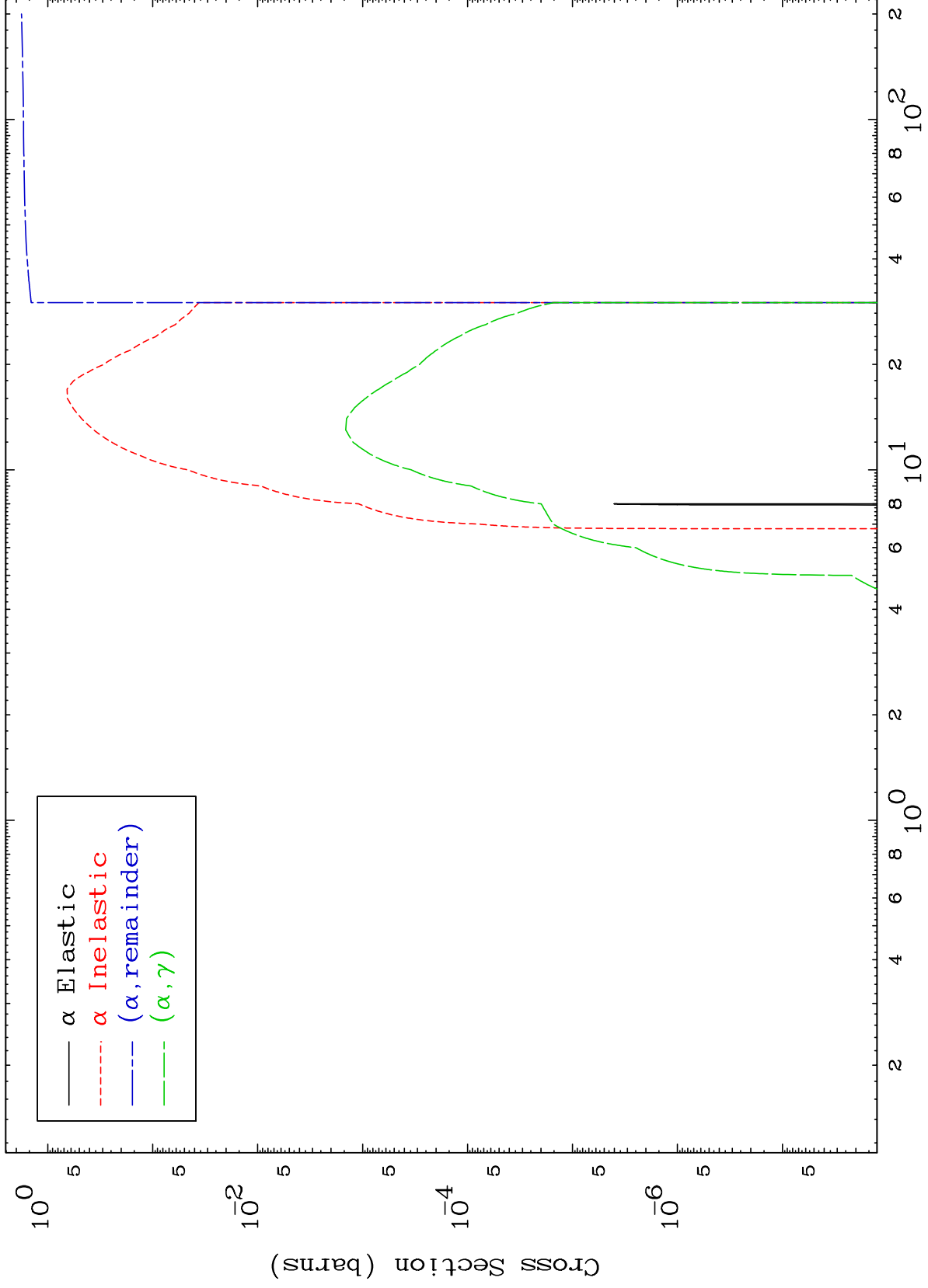
Press Mouse Button to Start

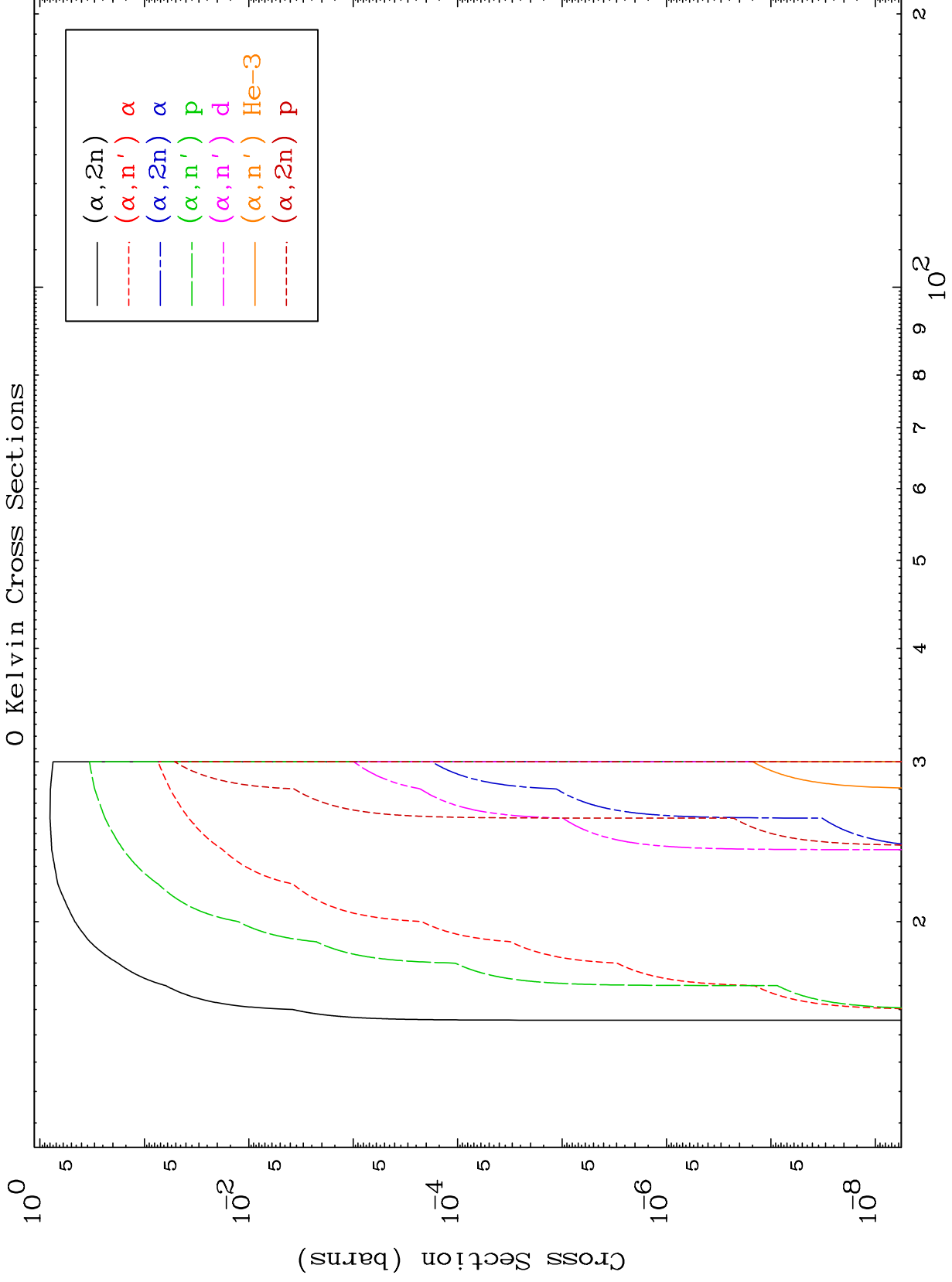
MAT 3431

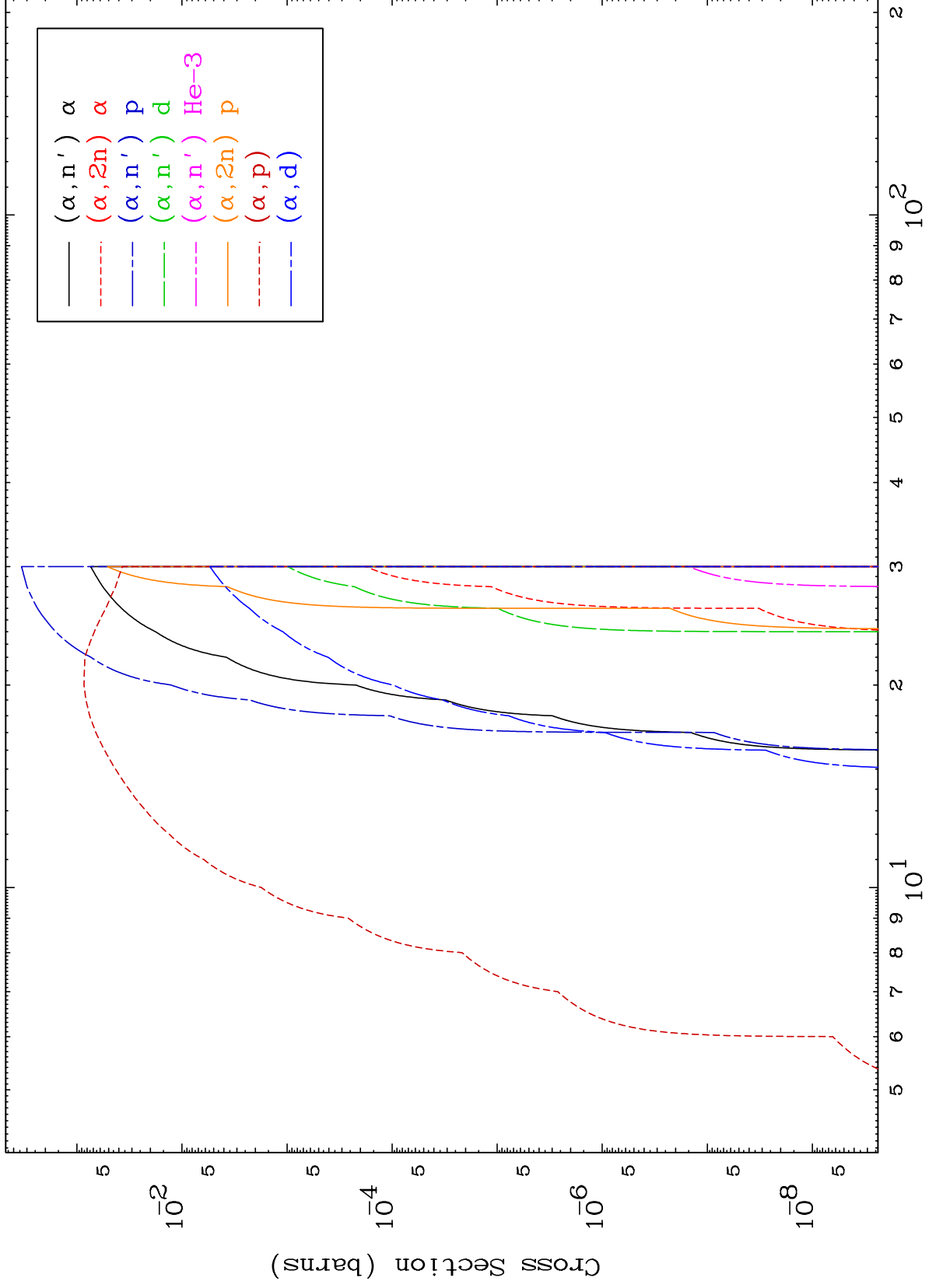
$\alpha$  Major

$^{34}\text{Se-76}$

0 Kelvin Cross Sections





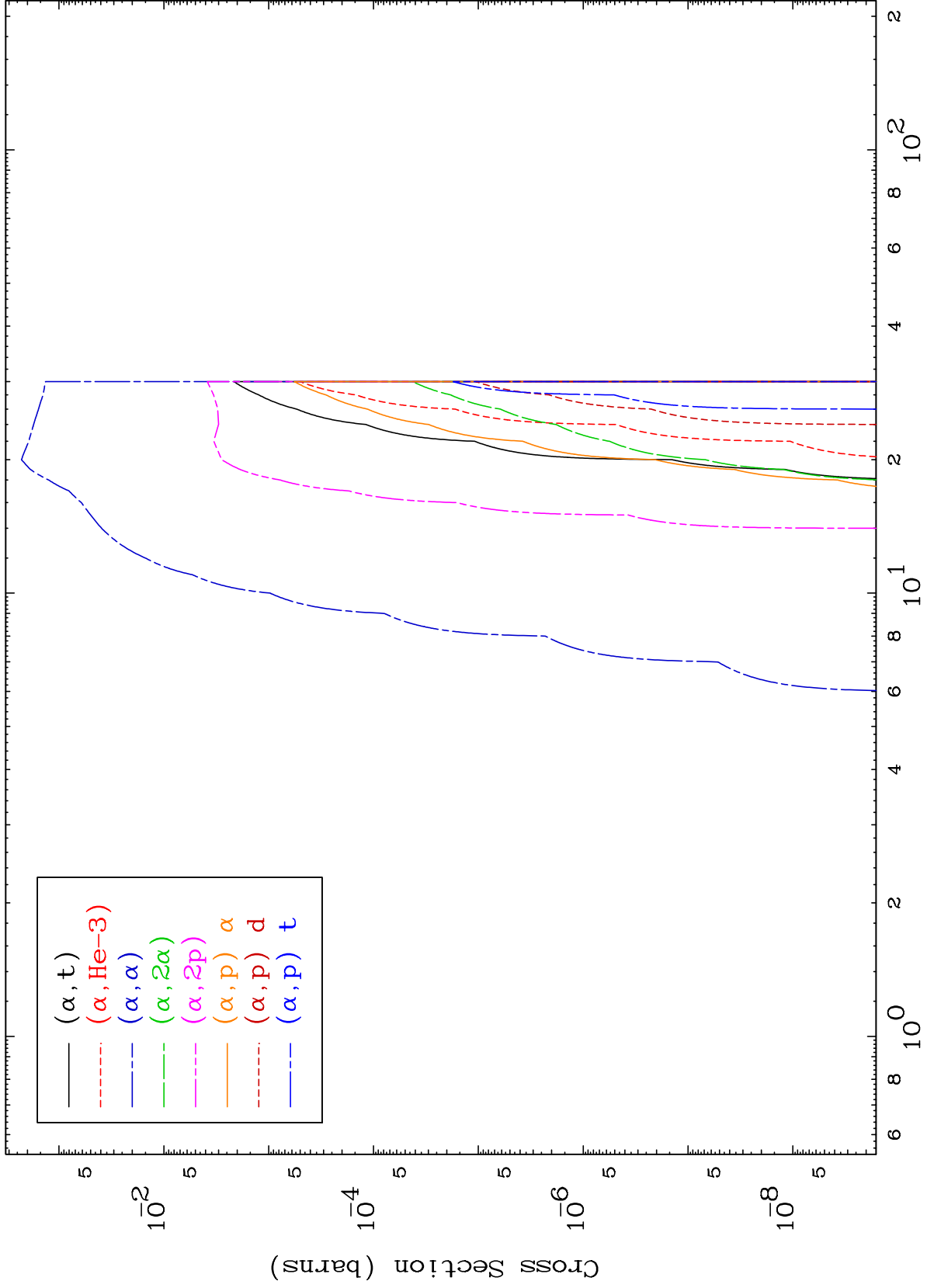


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$\alpha$  Charged Particle

34-Se-76

0 Kelvin Cross Sections



4

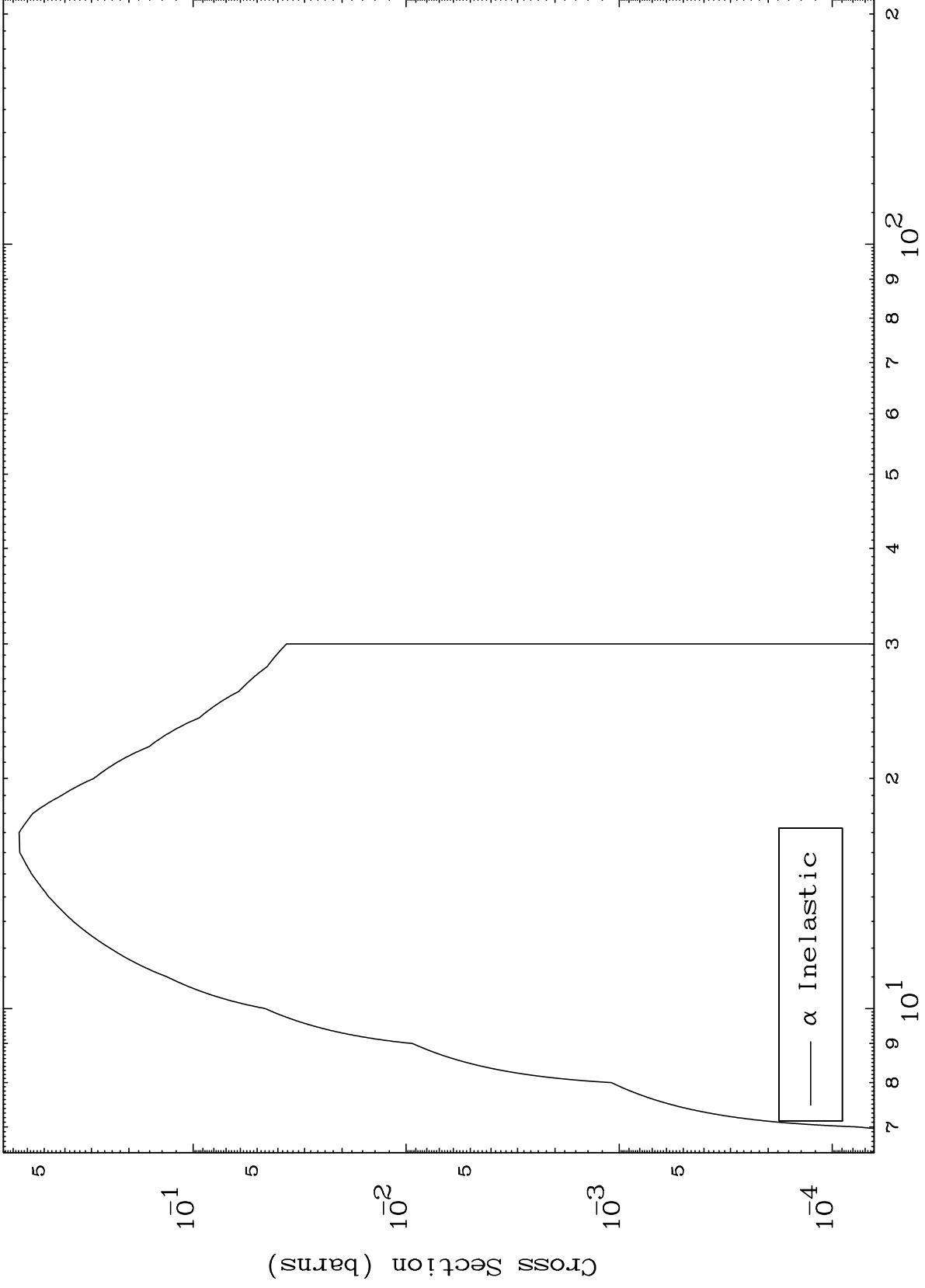
Incident Energy (MeV)

34-Se-76

MAT 3431

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

$^{34}\text{Se-76}$



5

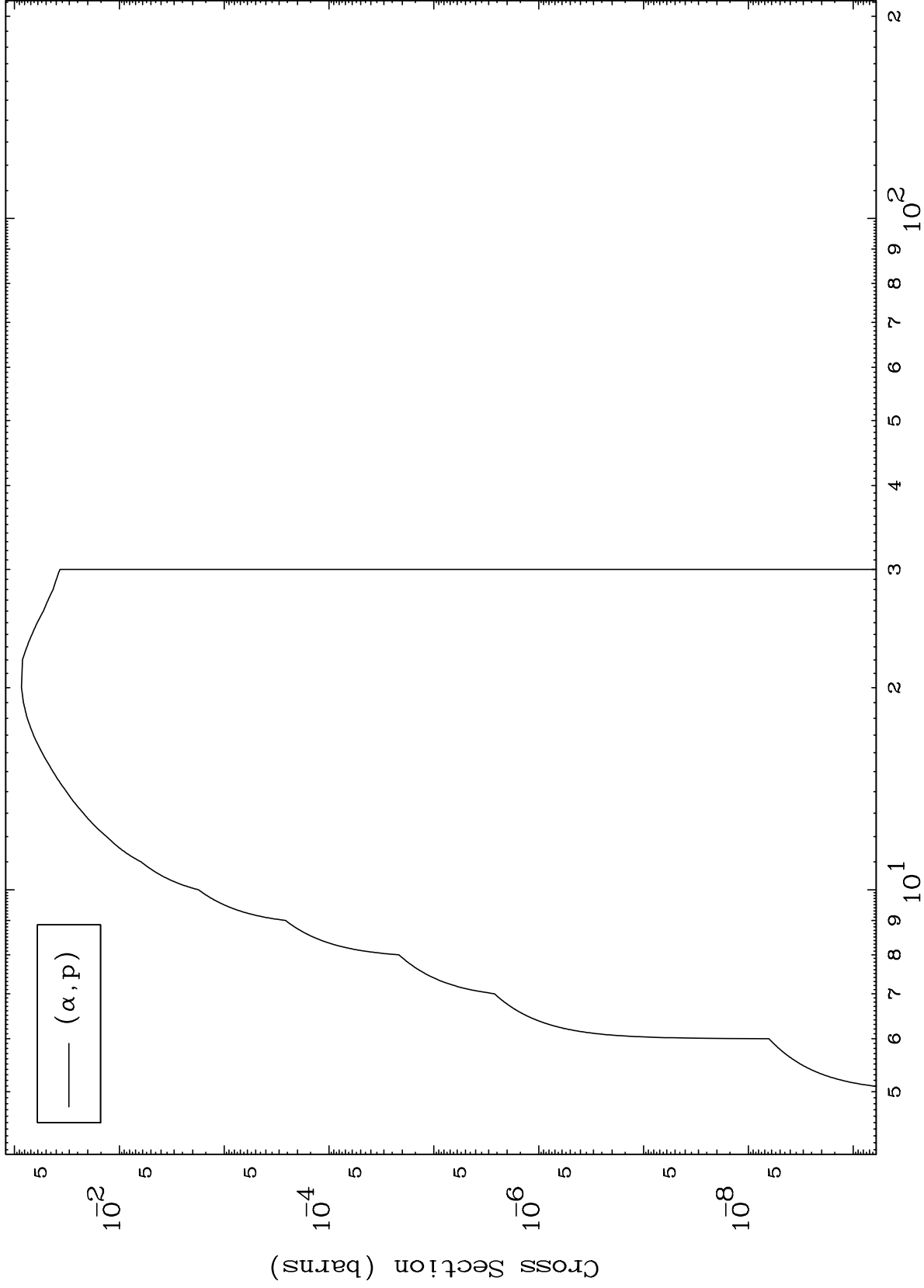
Incident Energy (MeV)

$^{34}\text{Se-76}$

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

$^{34}\text{Se-76}$



6

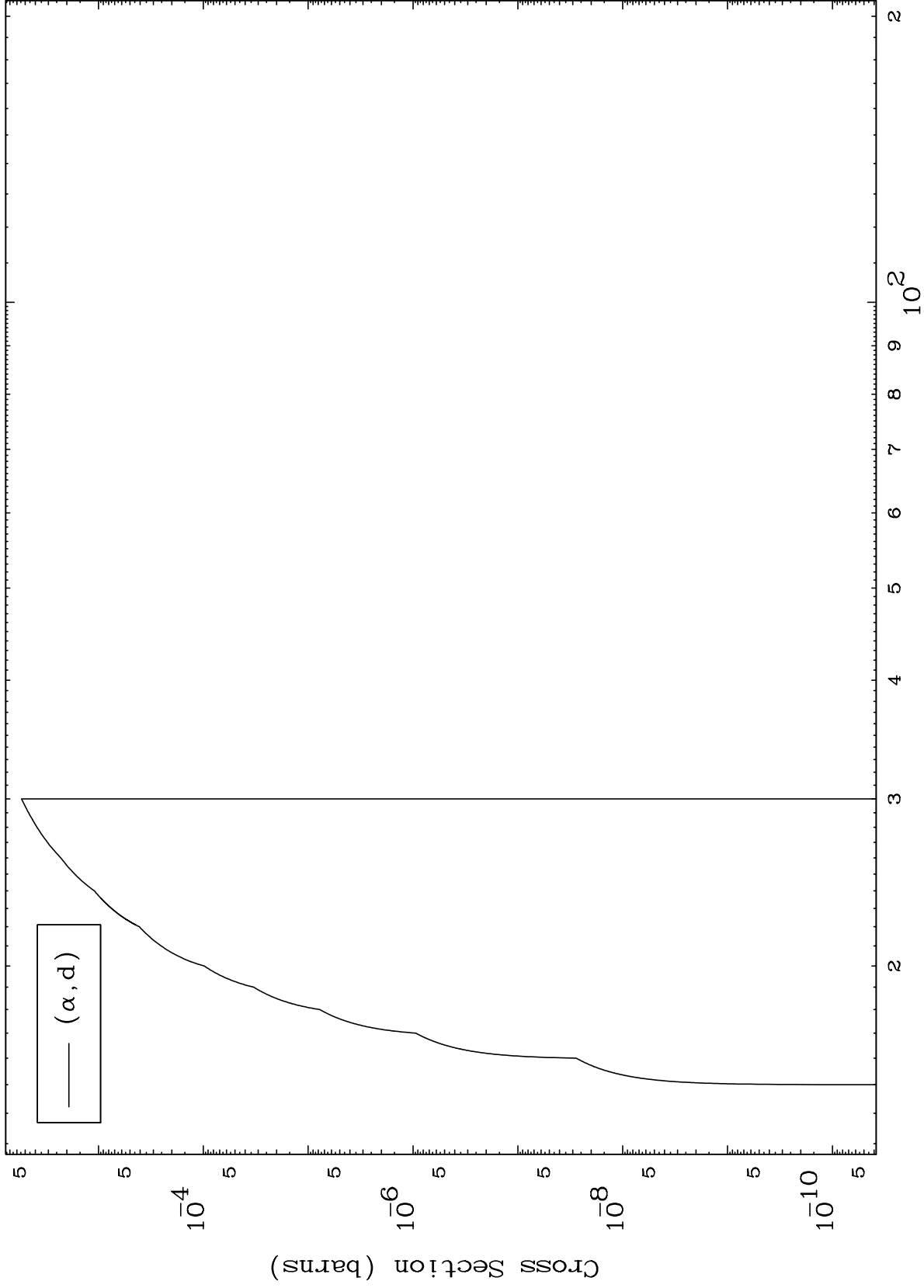
Incident Energy (MeV)

$^{34}\text{Se-76}$

MAT 3431

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

$^{34}\text{Se-76}$

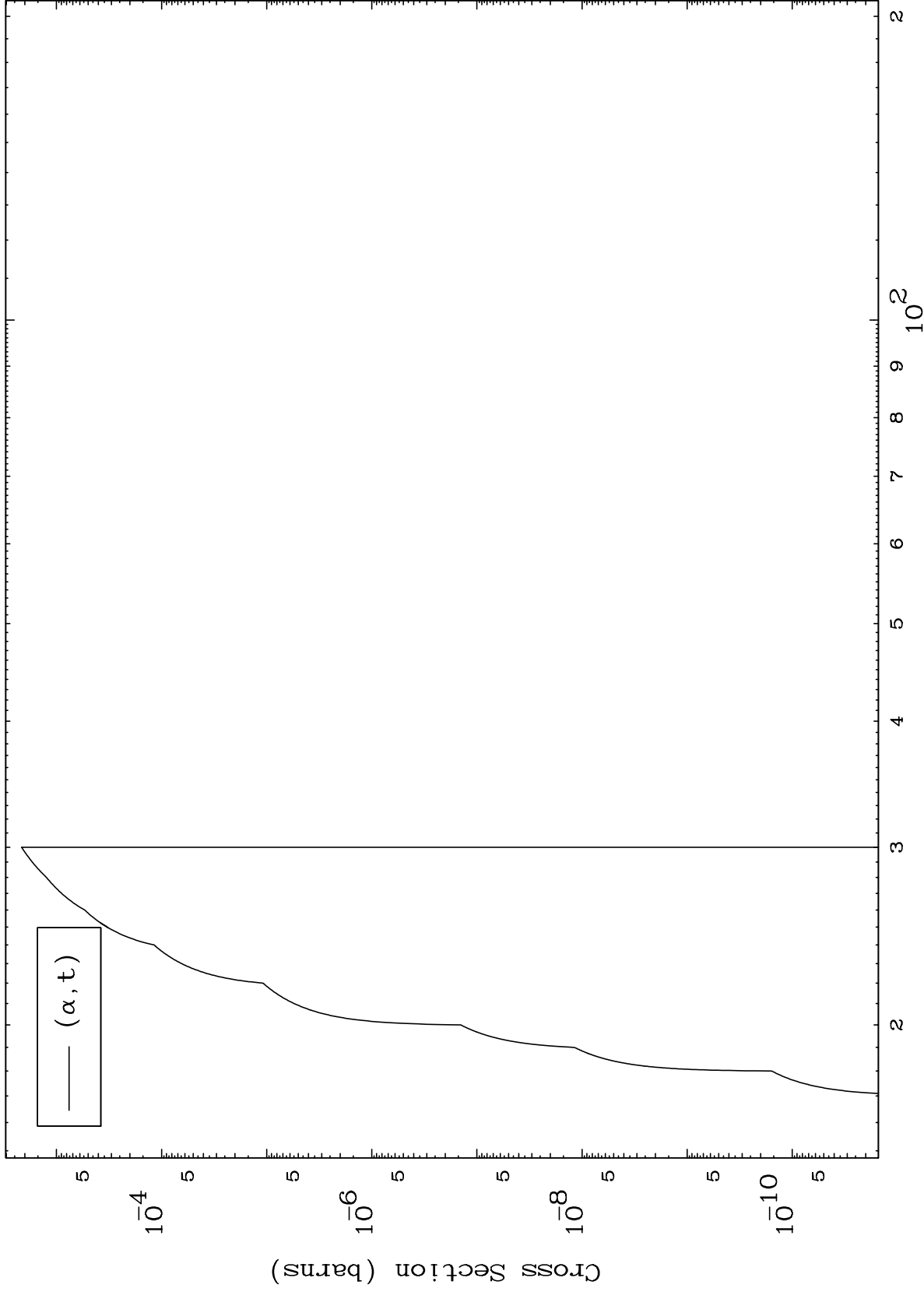


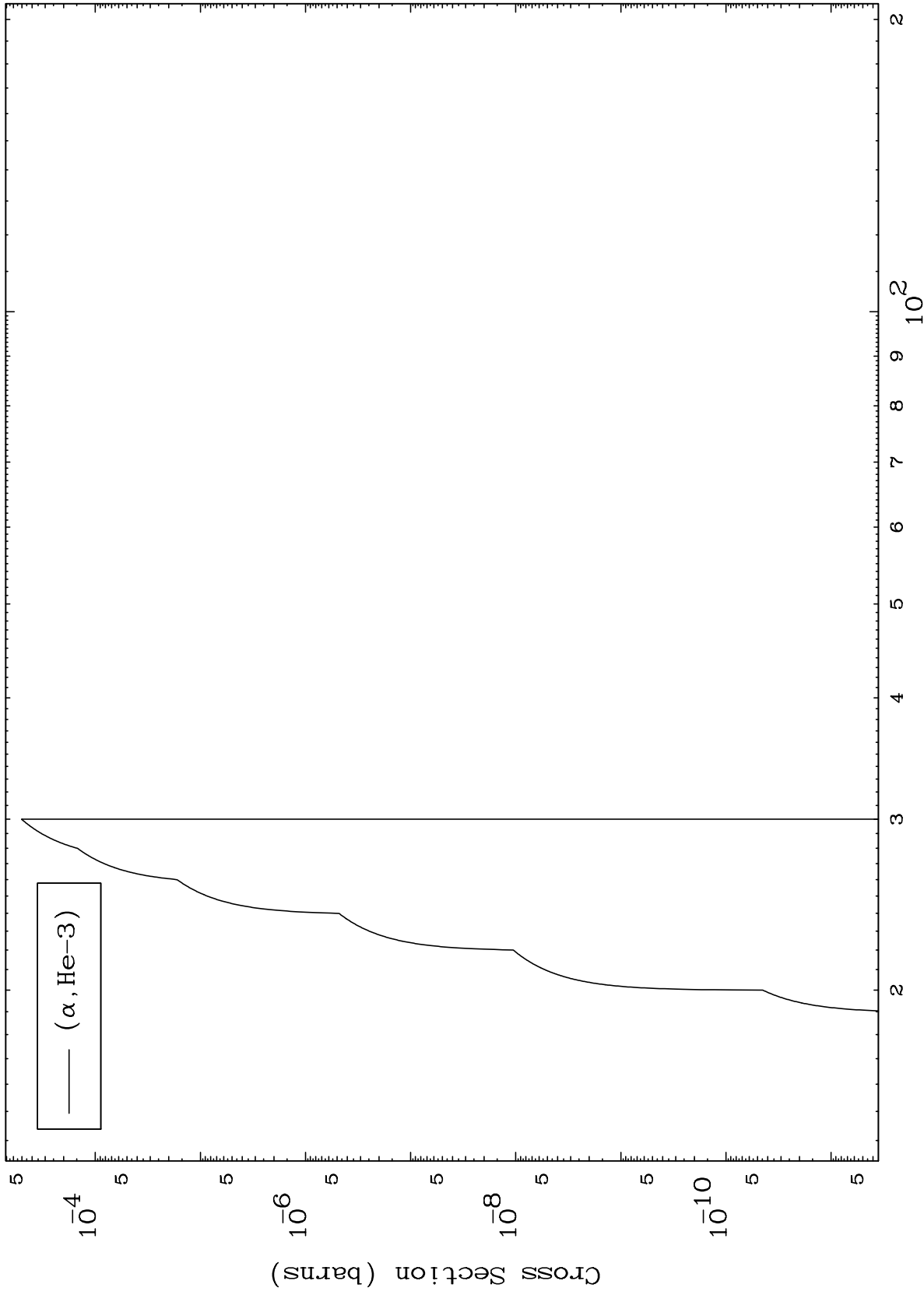
7

Incident Energy (MeV)

$^{34}\text{Se-76}$





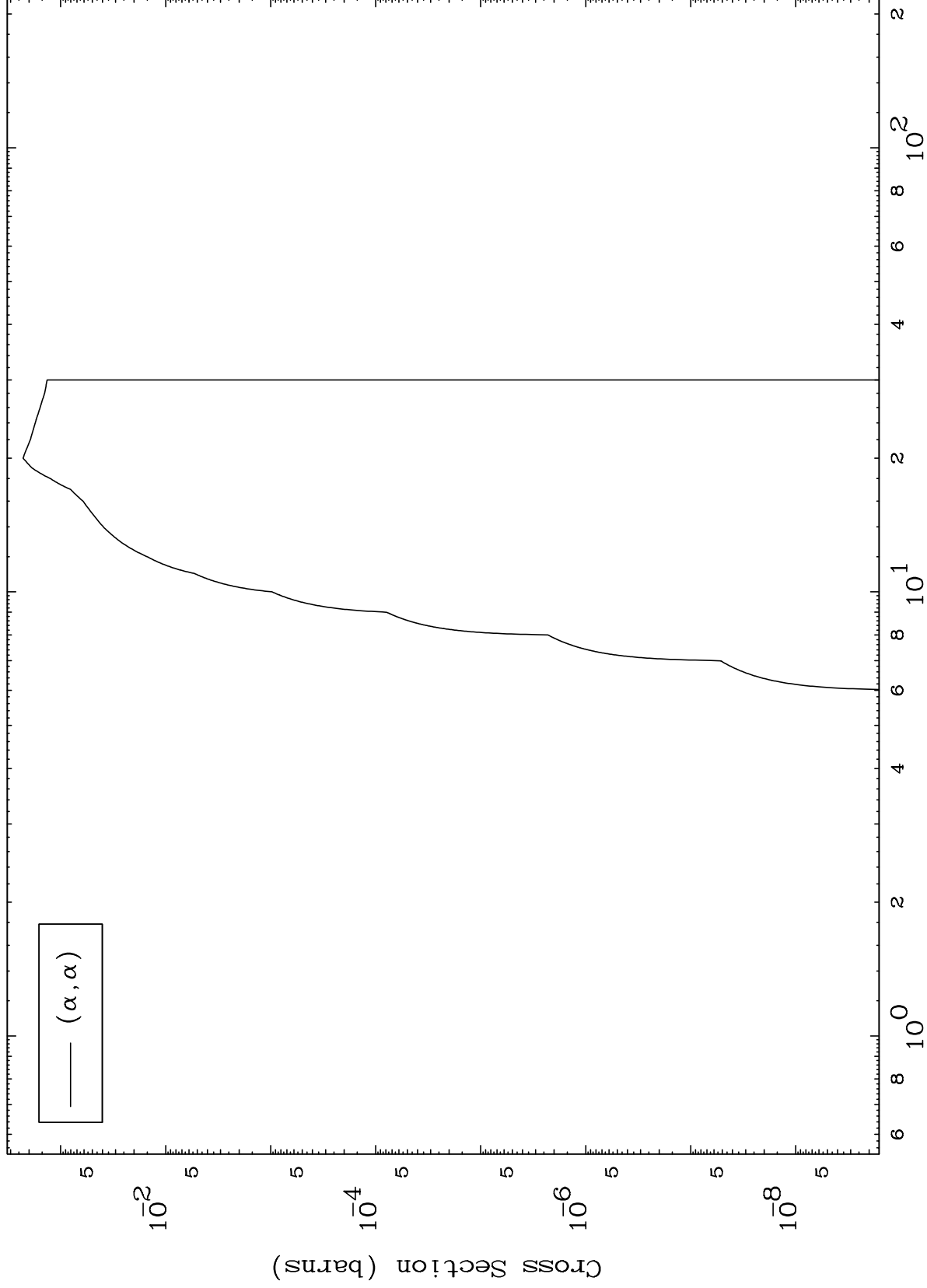


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( $\alpha, \alpha$ ) Levels

$^{34}\text{Se-76}$

0 Kelvin Cross Sections



Incident Energy (MeV)

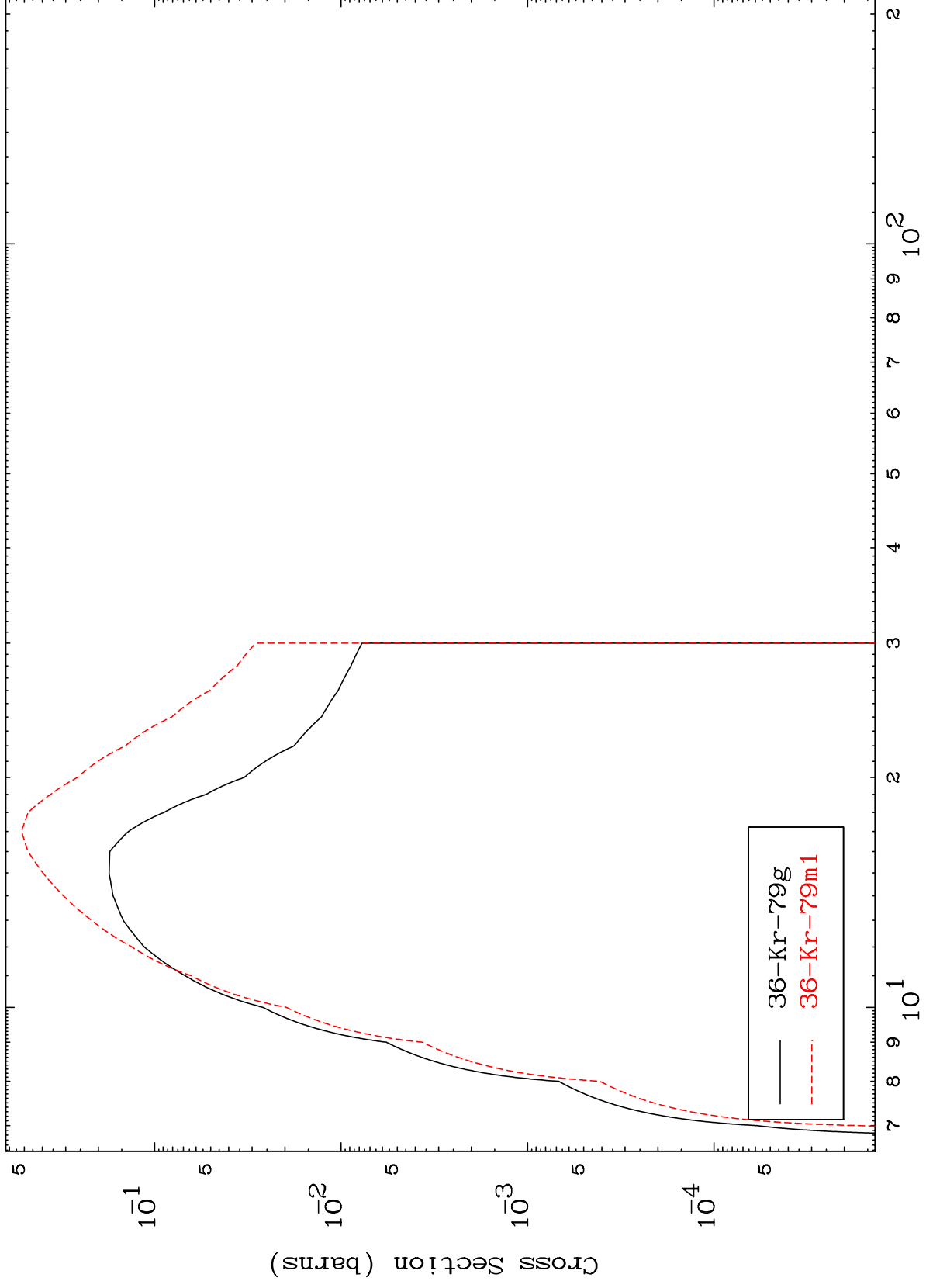
$^{34}\text{Se-76}$

10

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<sup>34</sup>Se-76

Radionuclide Production Cross Section  
 $\alpha$  Inelastic



11

Incident Energy (MeV)

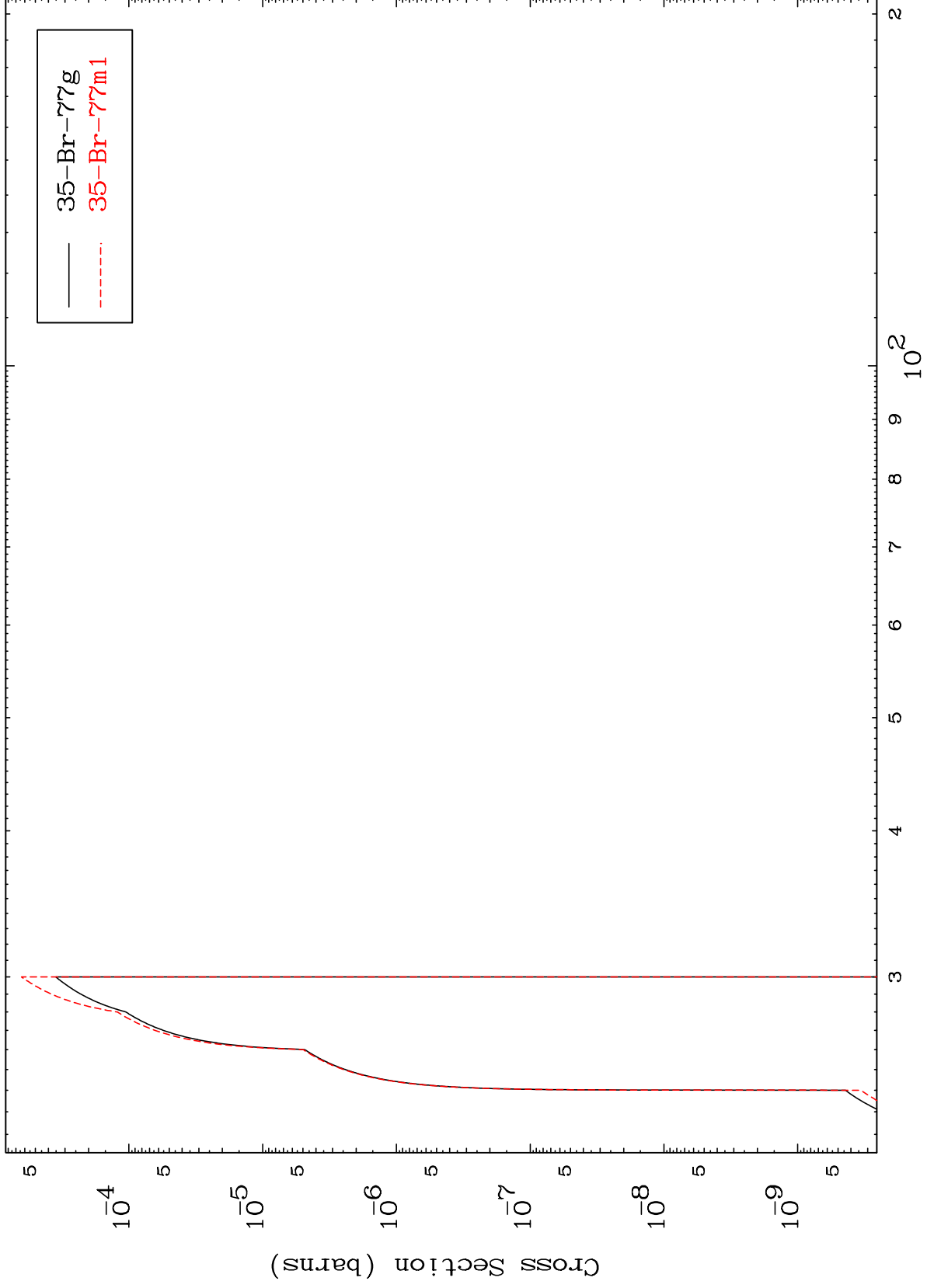
<sup>34</sup>Se-76

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$(\alpha, n')$  d

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

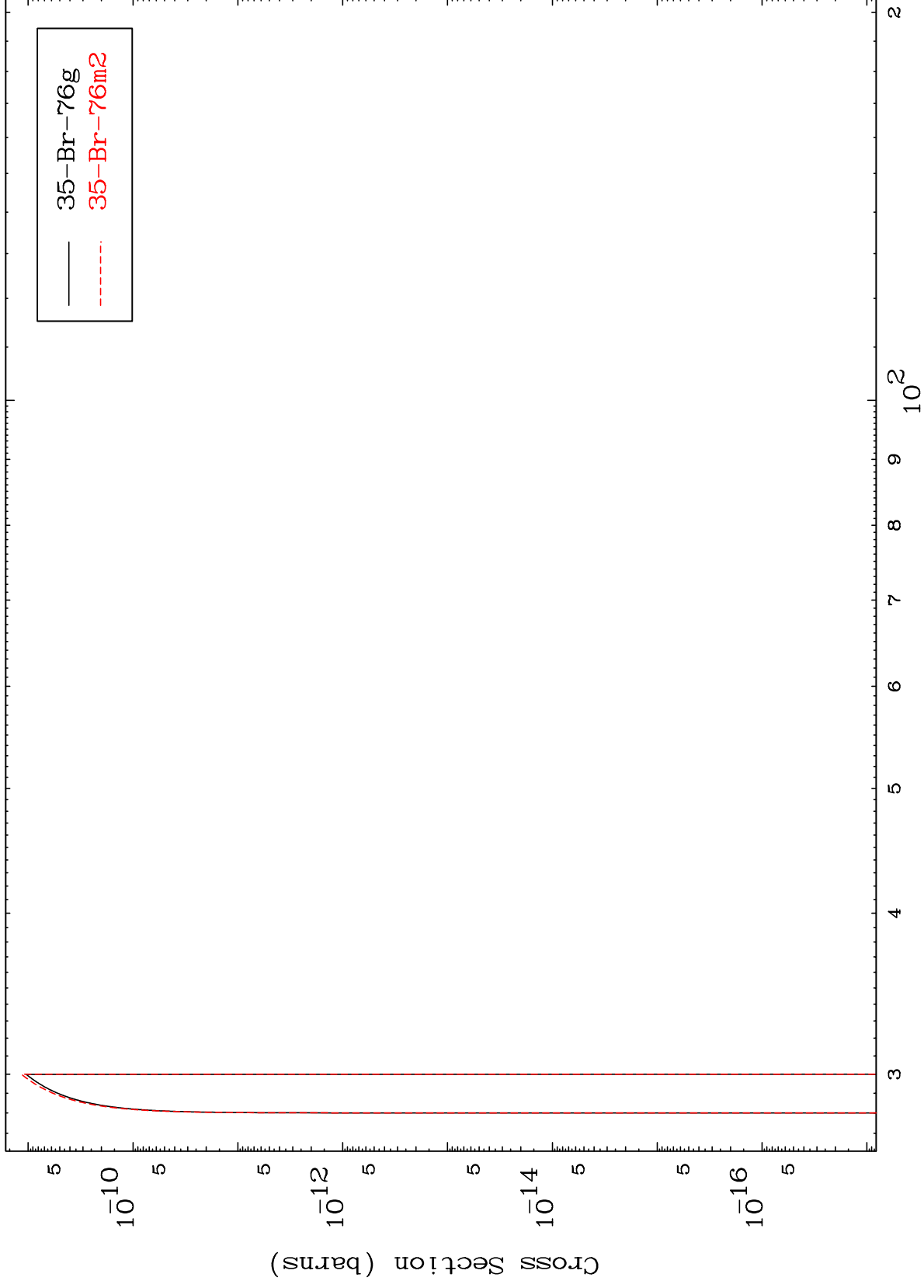
$^{34}\text{Se-76}$

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$(\alpha, n')$  t

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



13

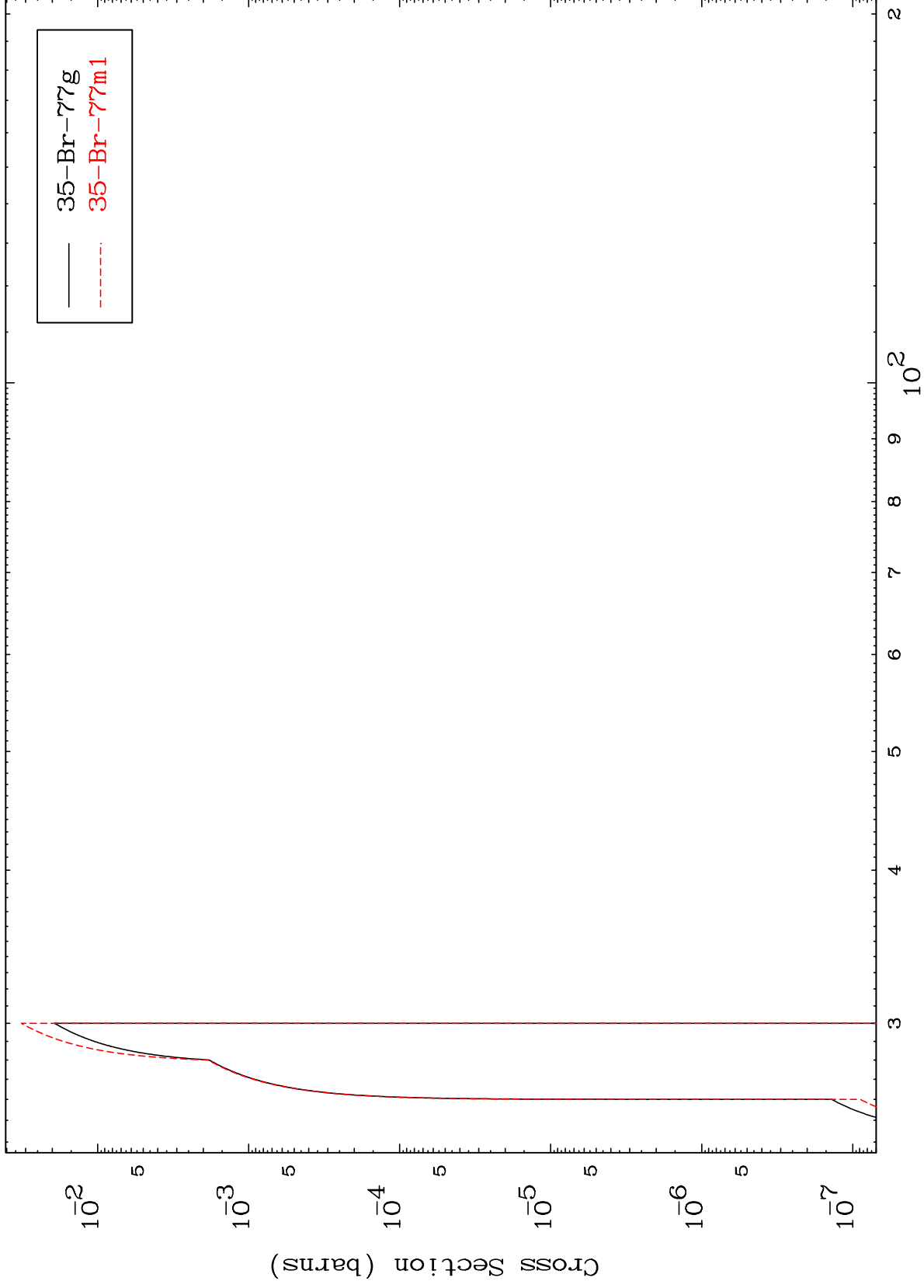
Incident Energy (MeV)

$^{34}\text{Se-76}$

MAT 3431

<sup>34</sup>Se-76

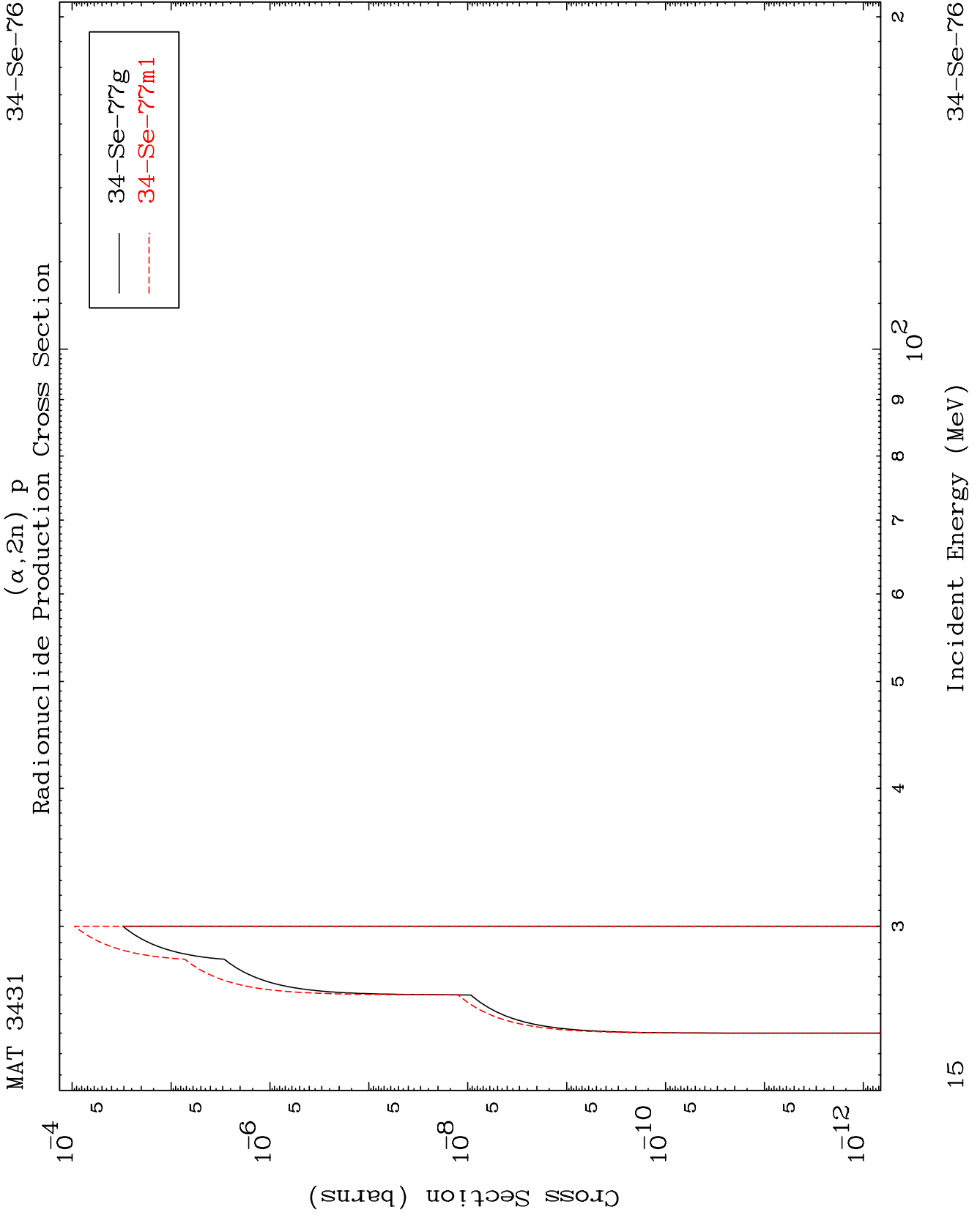
( $\alpha, 2n$ ) p  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

<sup>34</sup>Se-76

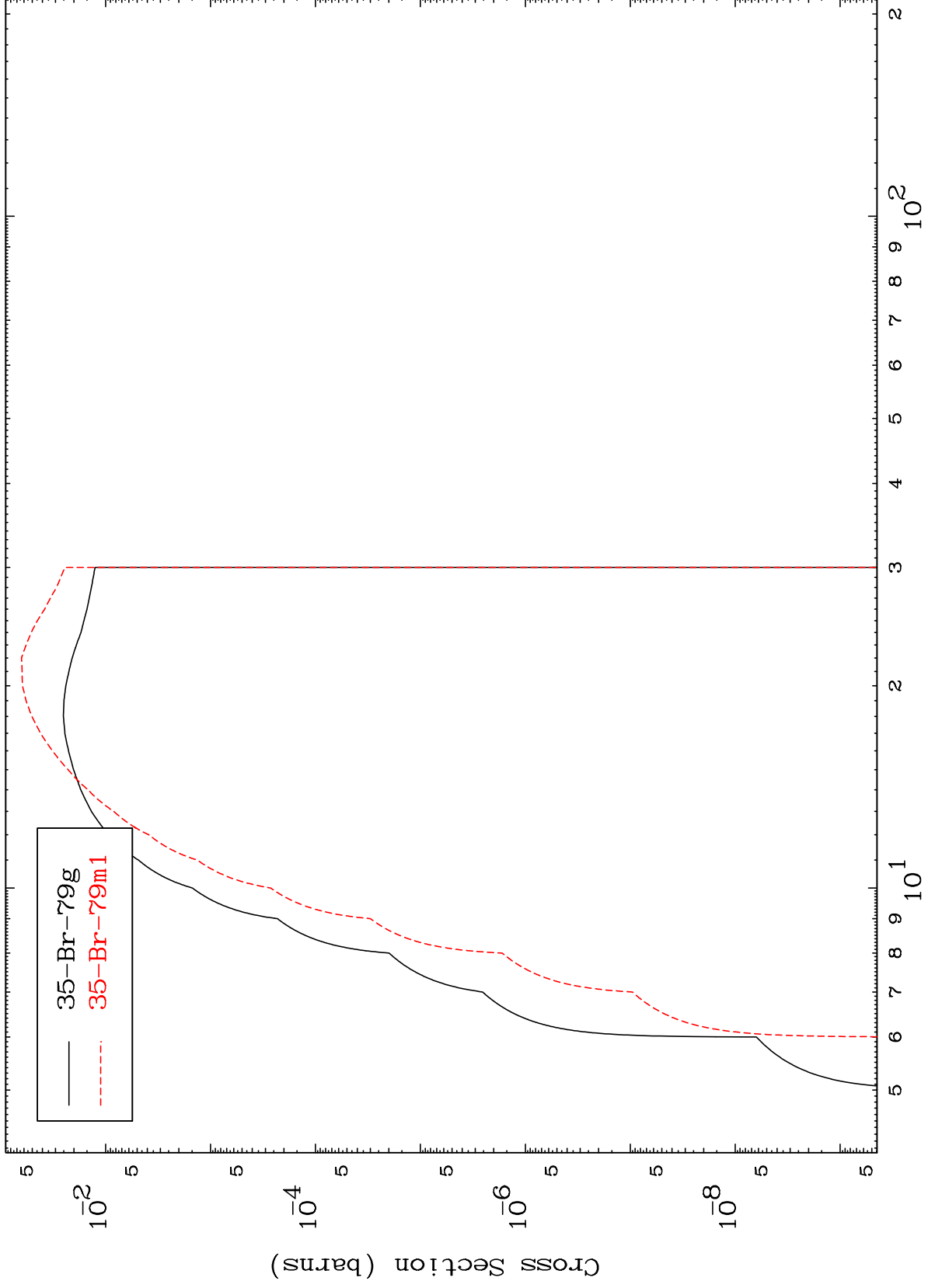




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<sup>34</sup>Se-76

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



16

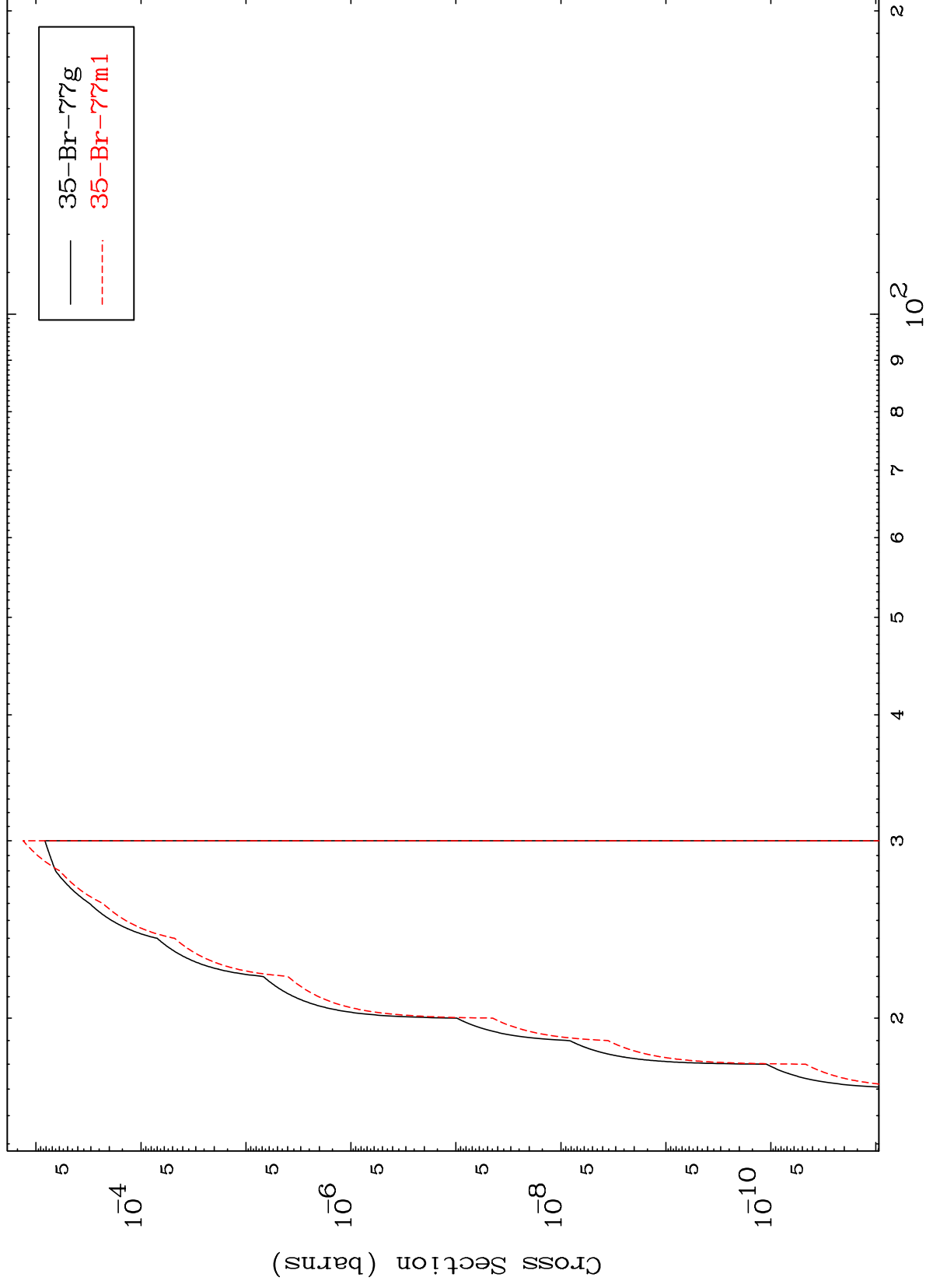
Incident Energy (MeV)

<sup>34</sup>Se-76

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<sup>34</sup>Se-76

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



17

Incident Energy (MeV)

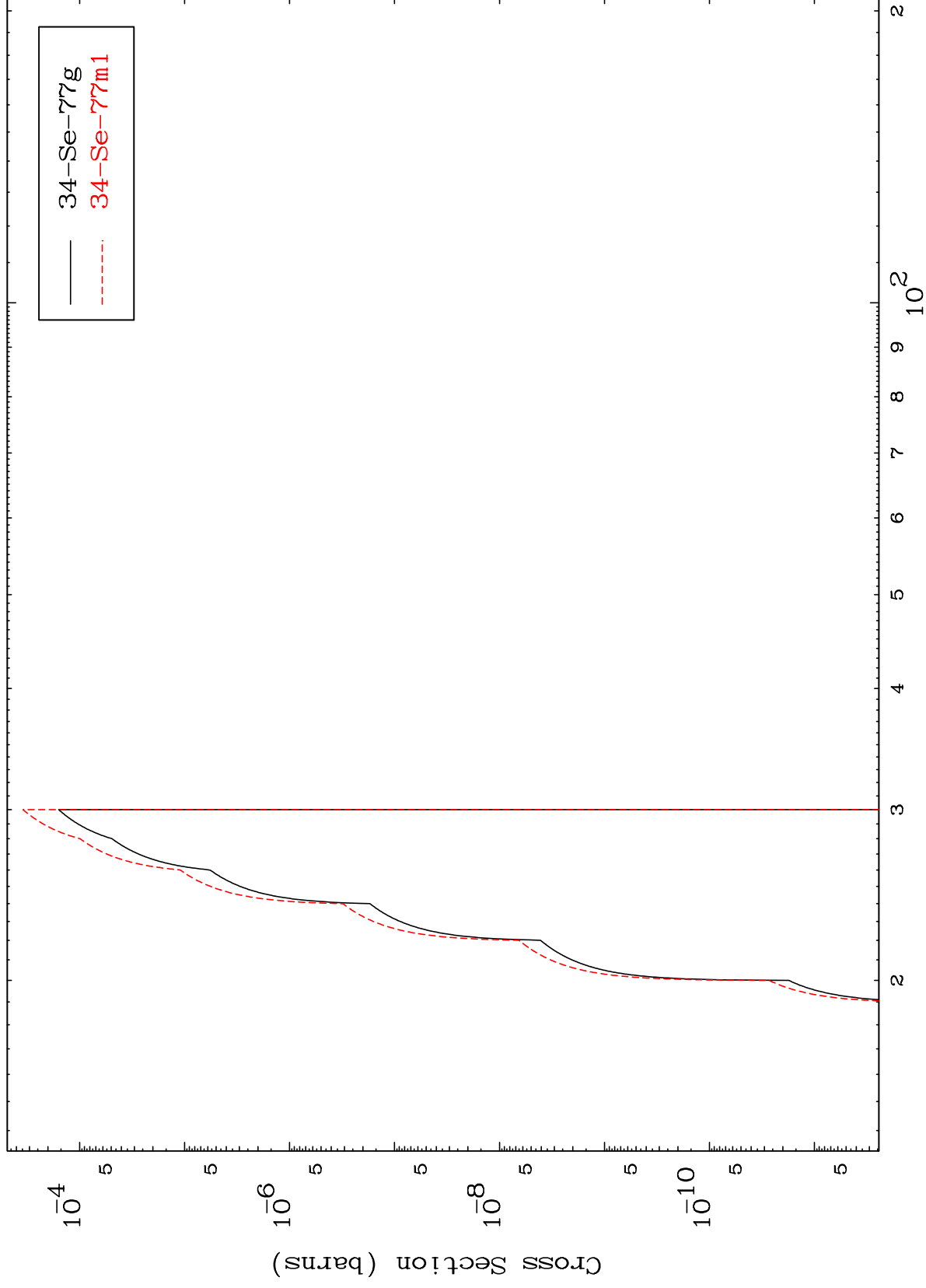
<sup>34</sup>Se-76

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<sup>34</sup>Se-76

( $\alpha$ ,He-3)

Radionuclide Production Cross Section



18

Incident Energy (MeV)

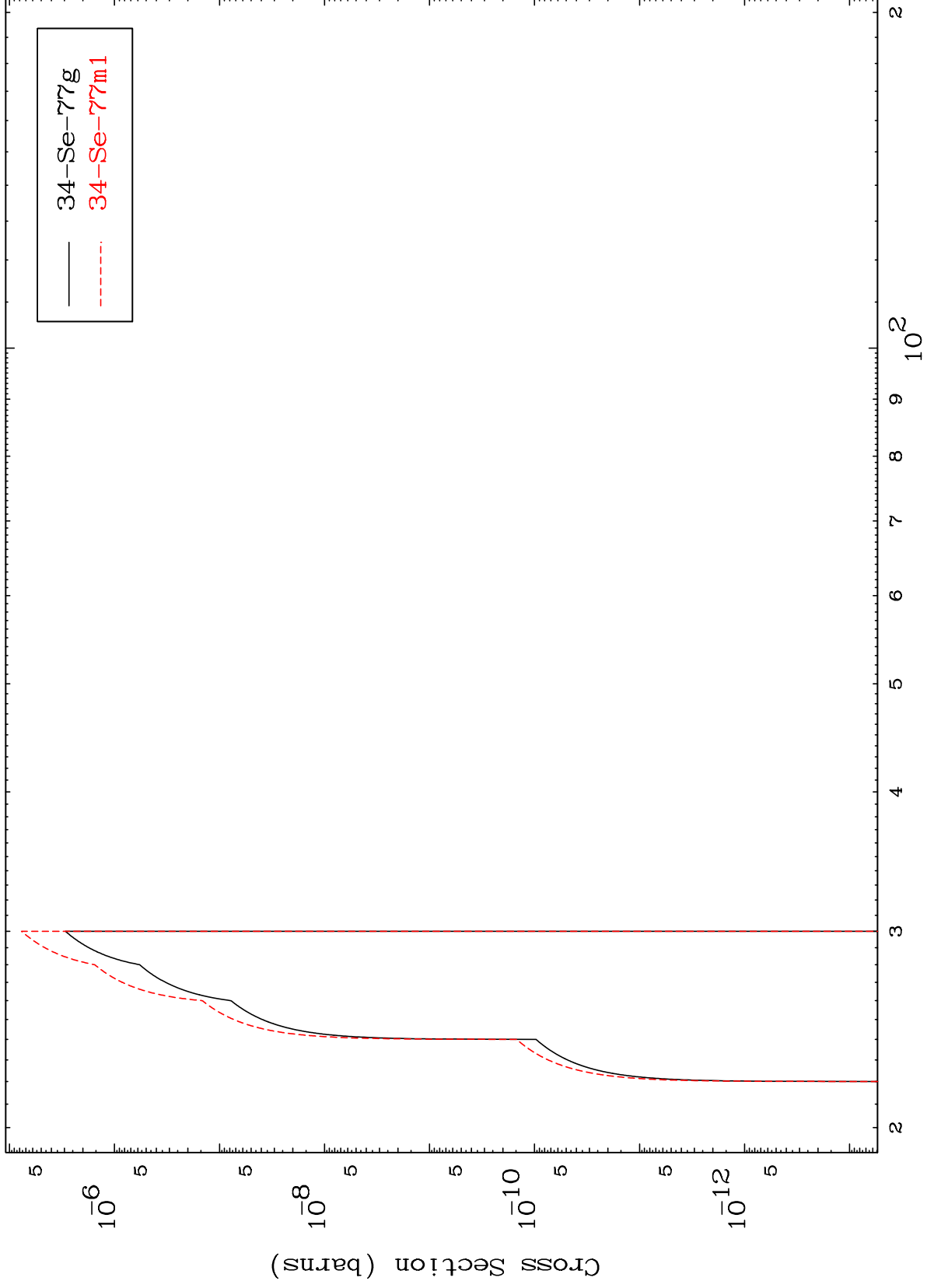
<sup>34</sup>Se-76

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( $\alpha, p$ ) d

$^{34}\text{Se-76}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

$^{34}\text{Se-76}$