

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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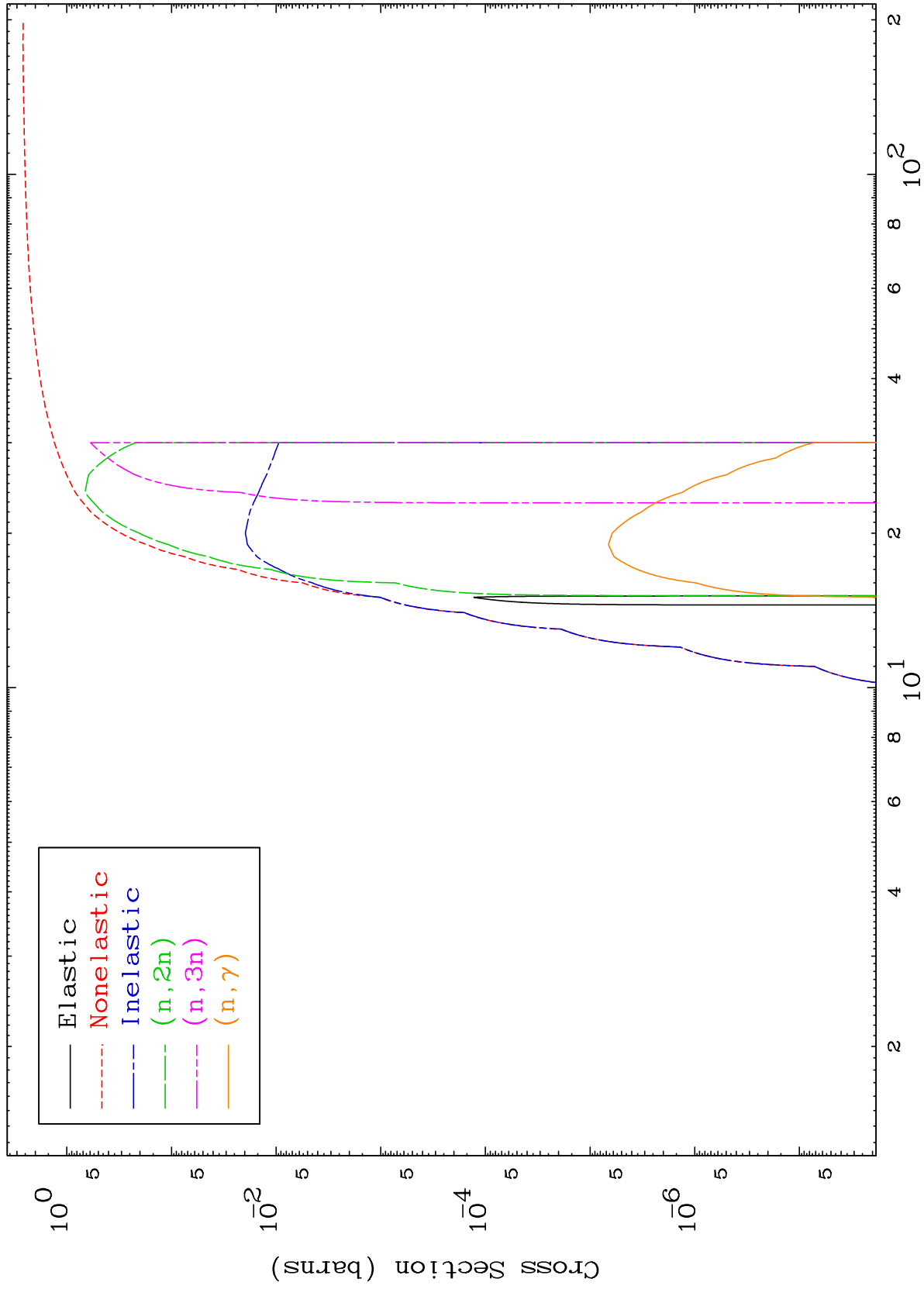
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

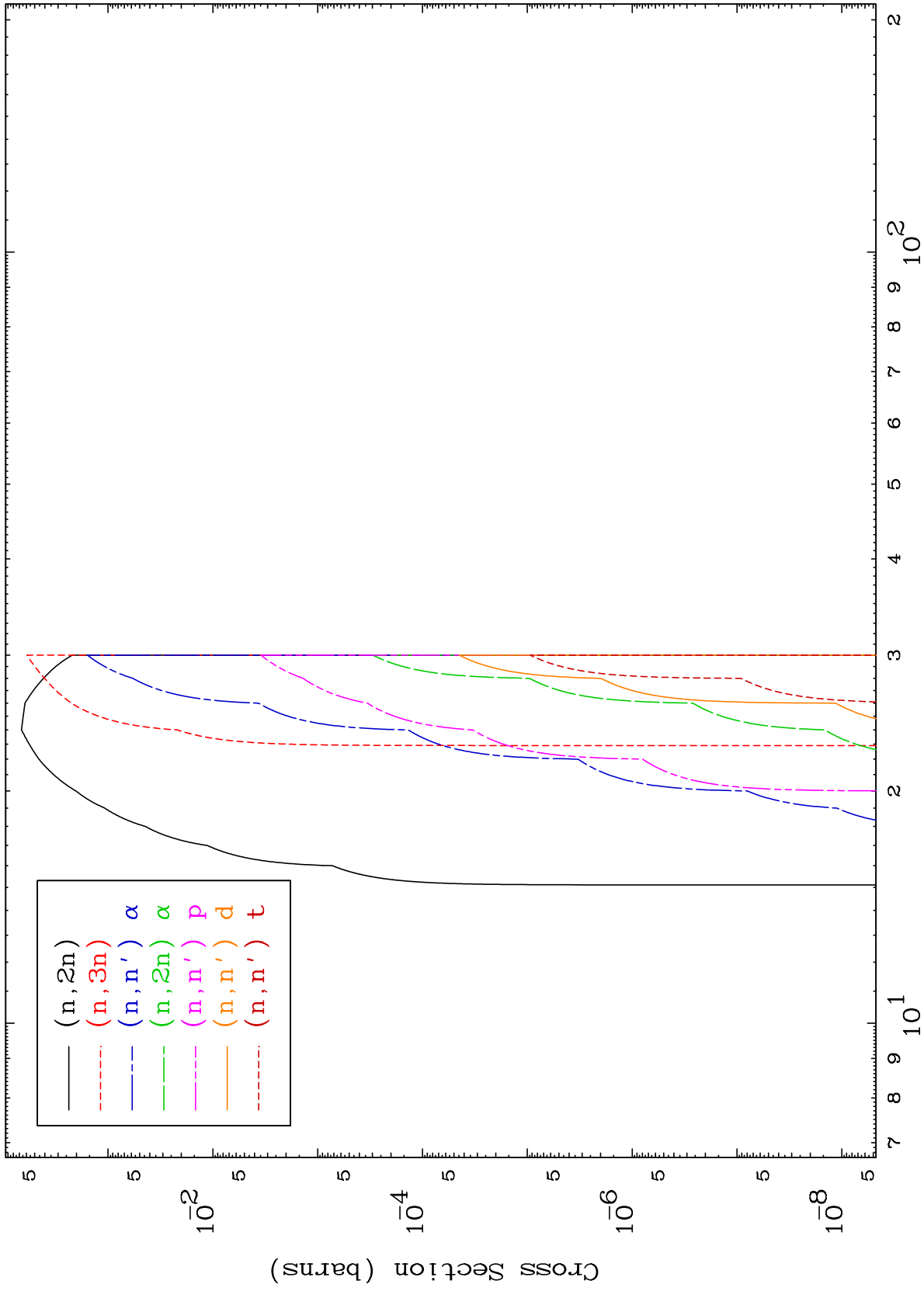
Press Mouse Button to Start

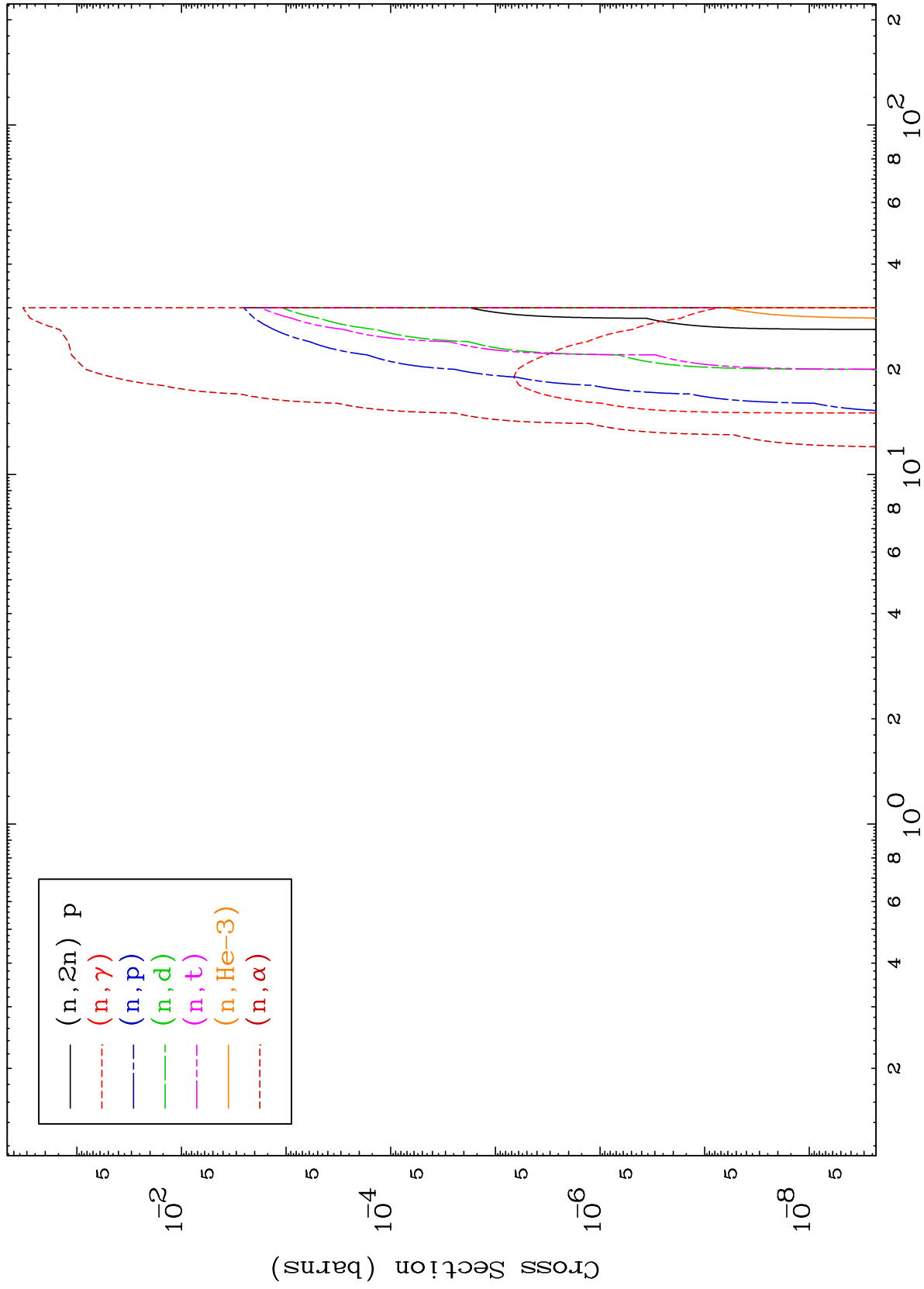
MAT 7049

0 Kelvin Cross Sections

70-Yb-176



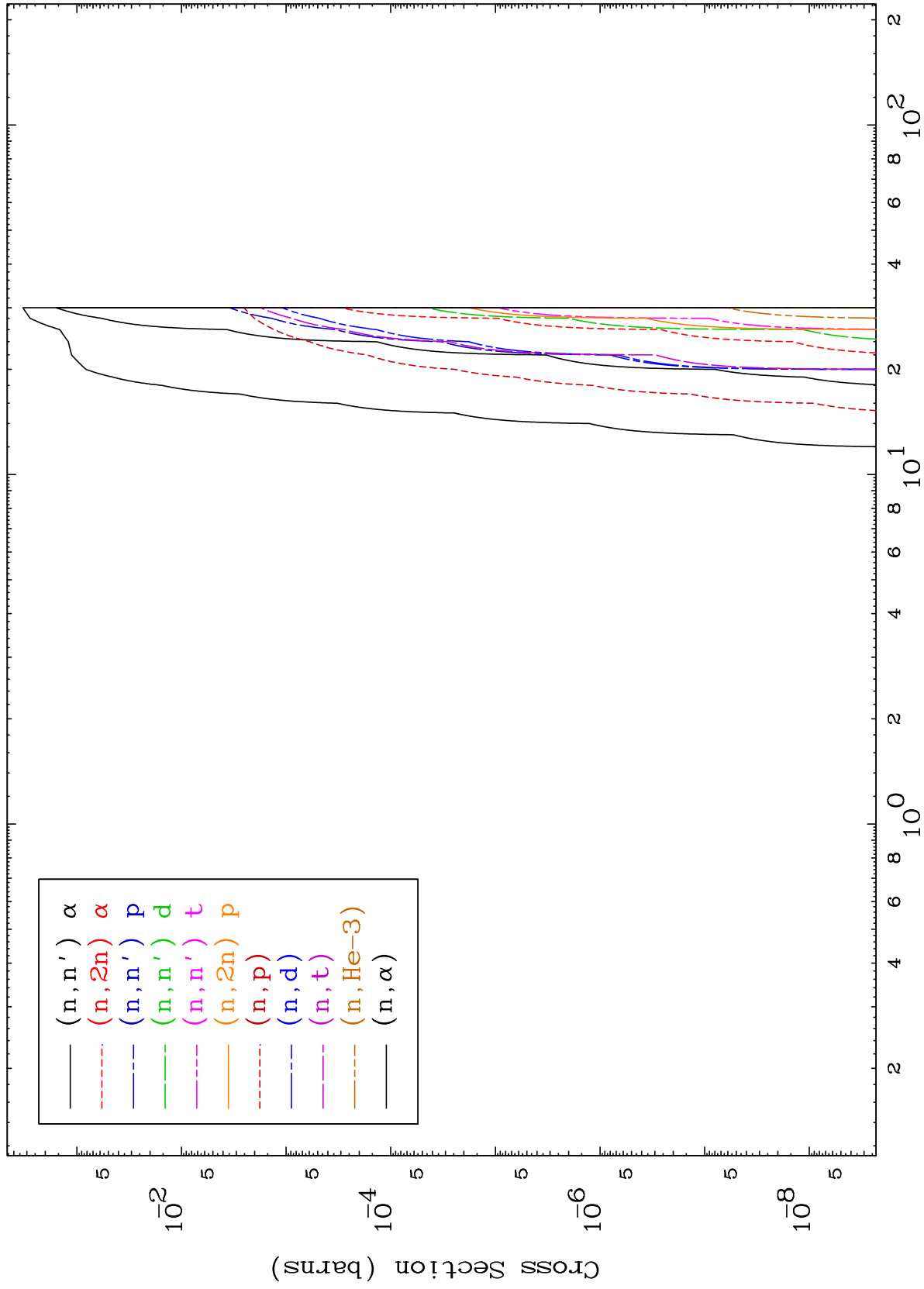




MAT 7049

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

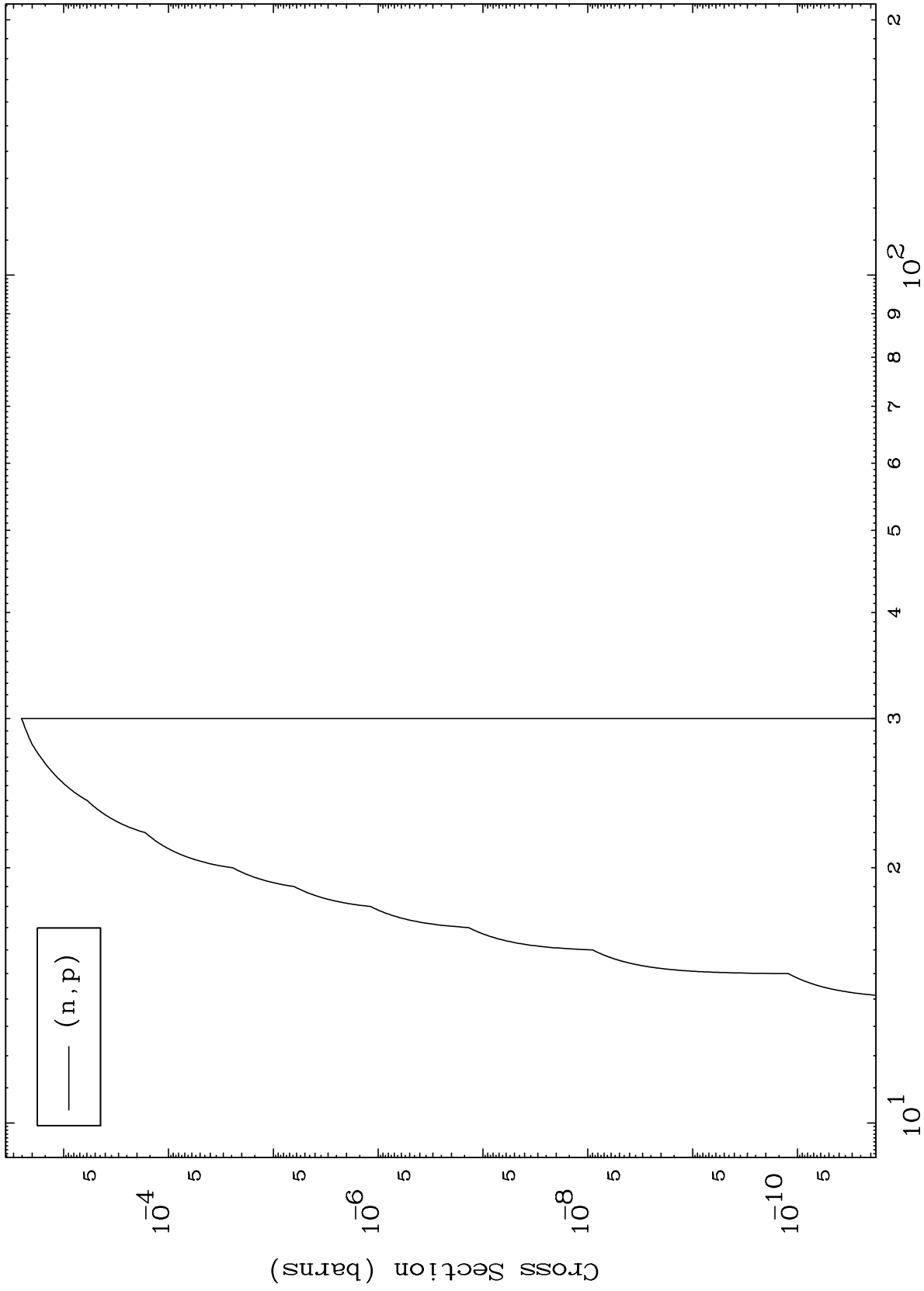
70-Yb-176



MAT 7049

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

70-Yb-176



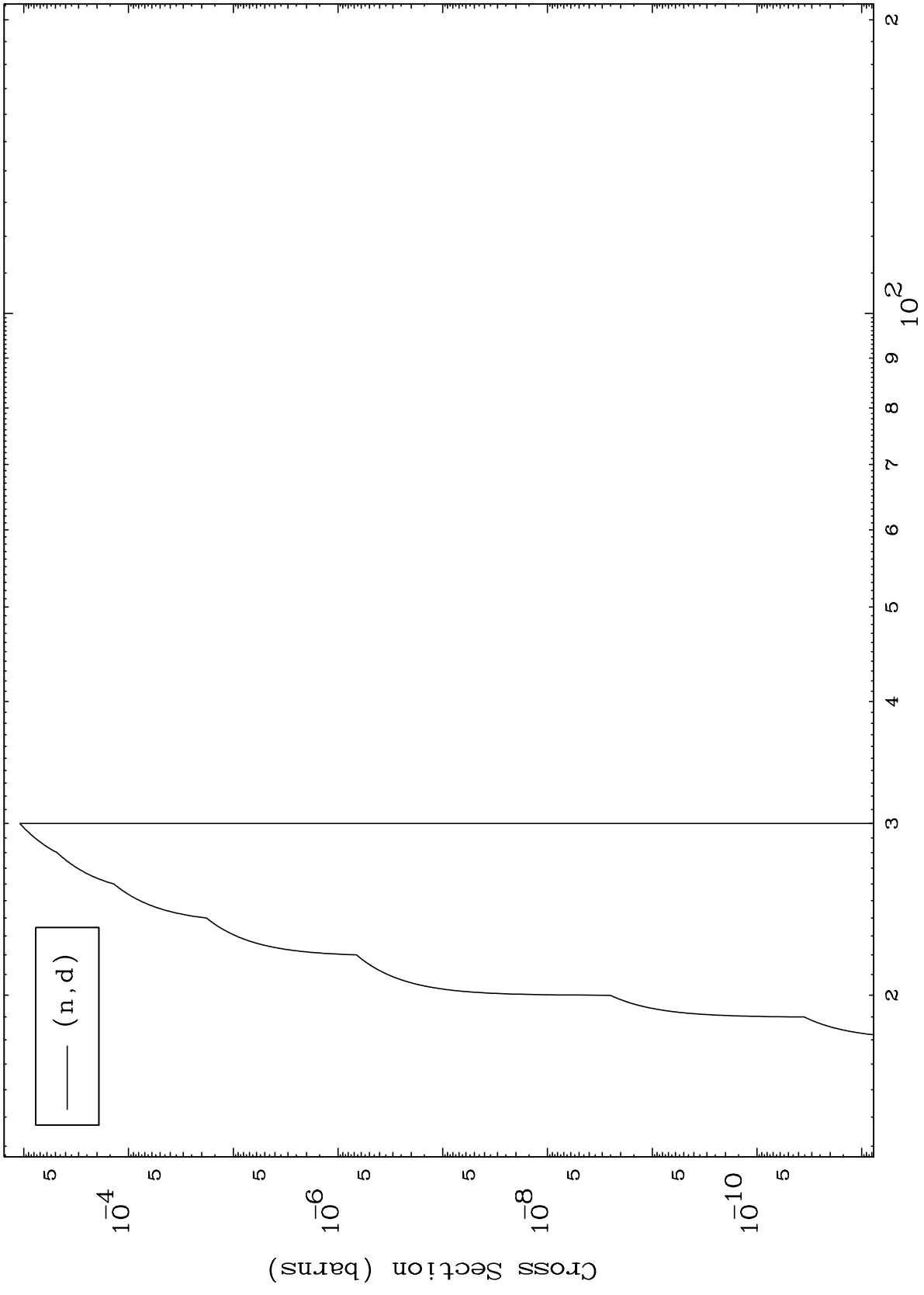
Incident Energy (MeV)

70-Yb-176

MAT 7049

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

70-Yb-176



6

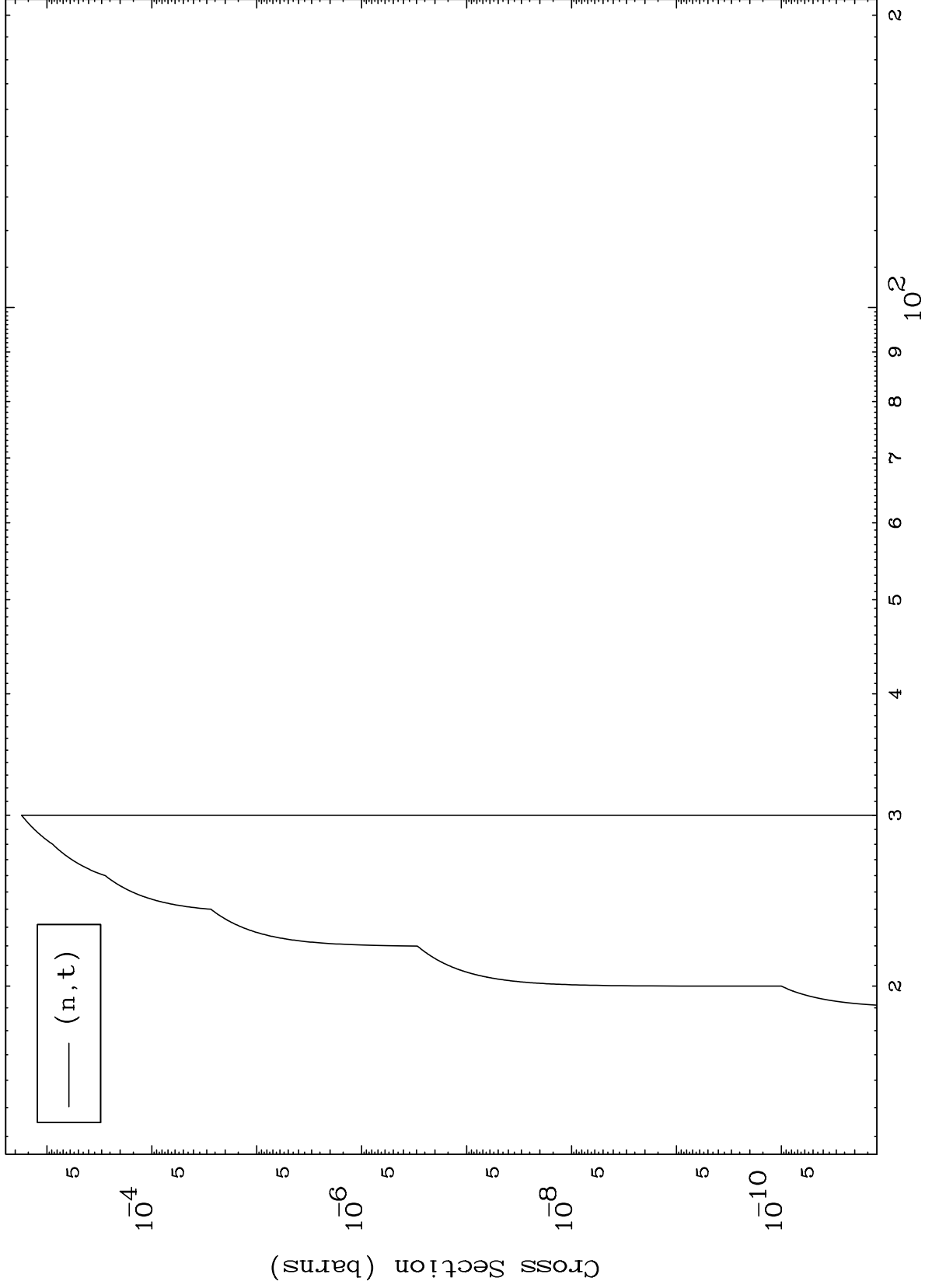
Incident Energy (MeV)

70-Yb-176

MAT 7049

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

<sup>70</sup>Yb-176

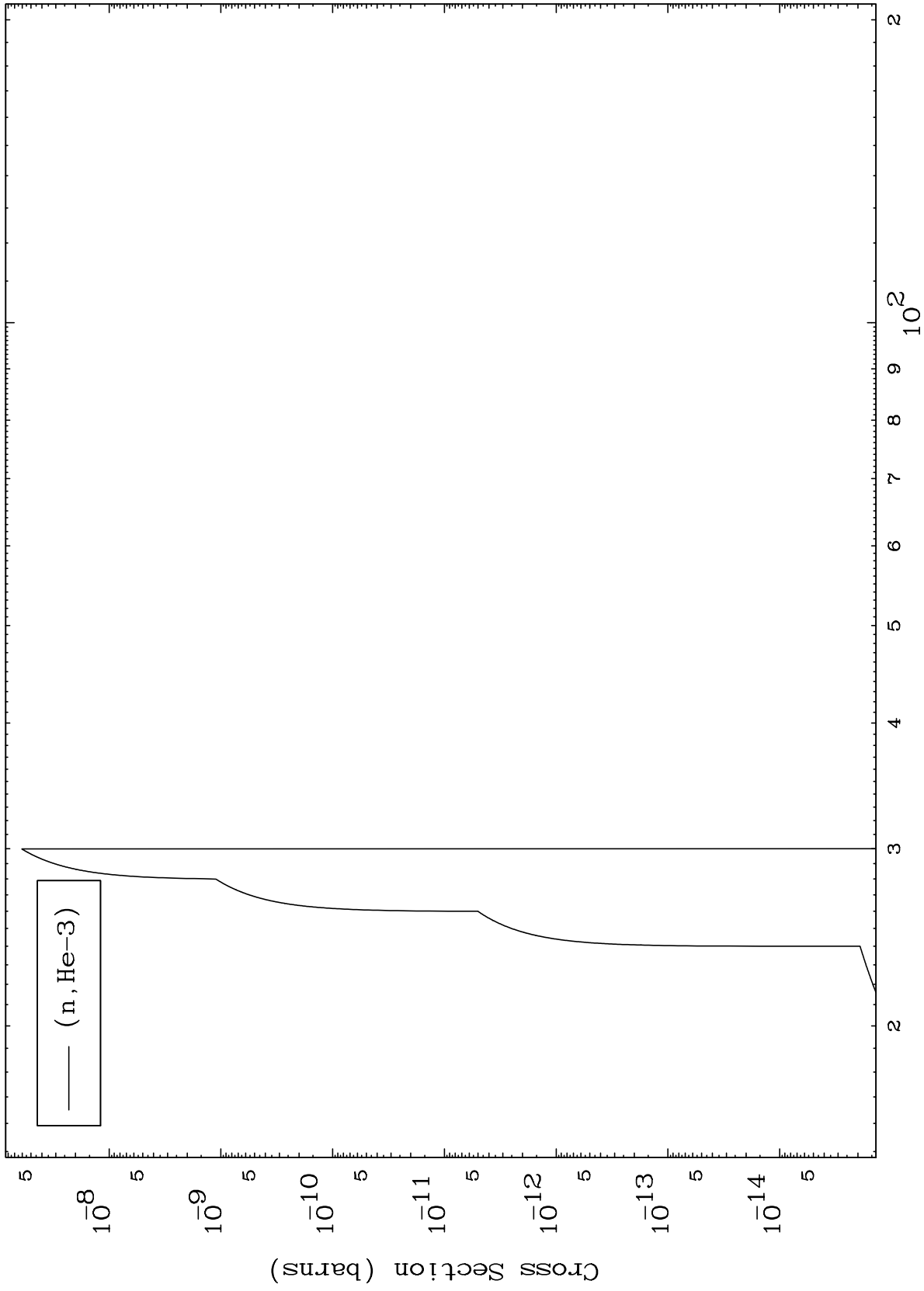


7

Incident Energy (MeV)

<sup>70</sup>Yb-176

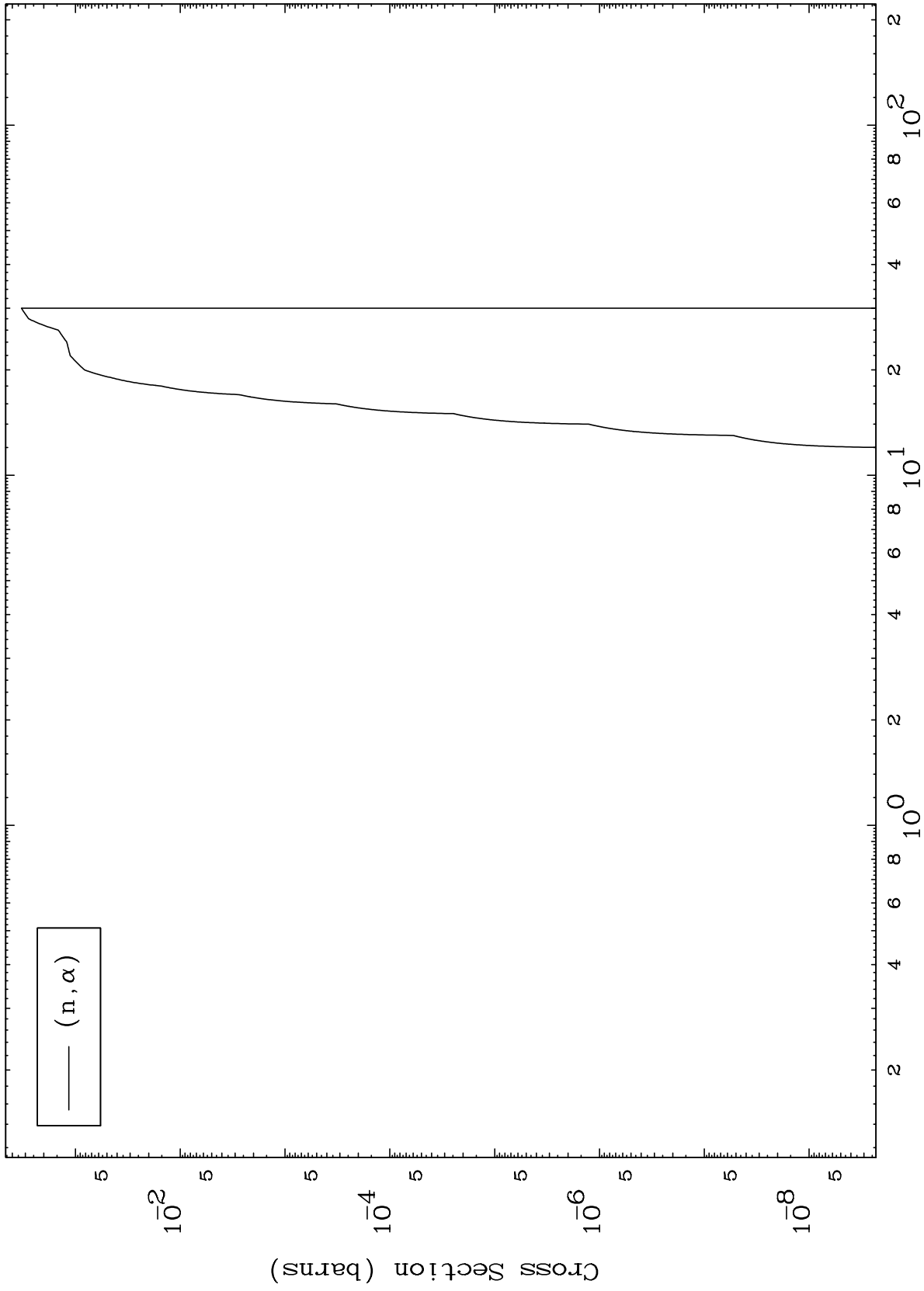




MAT 7049

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

70-Yb-176



9

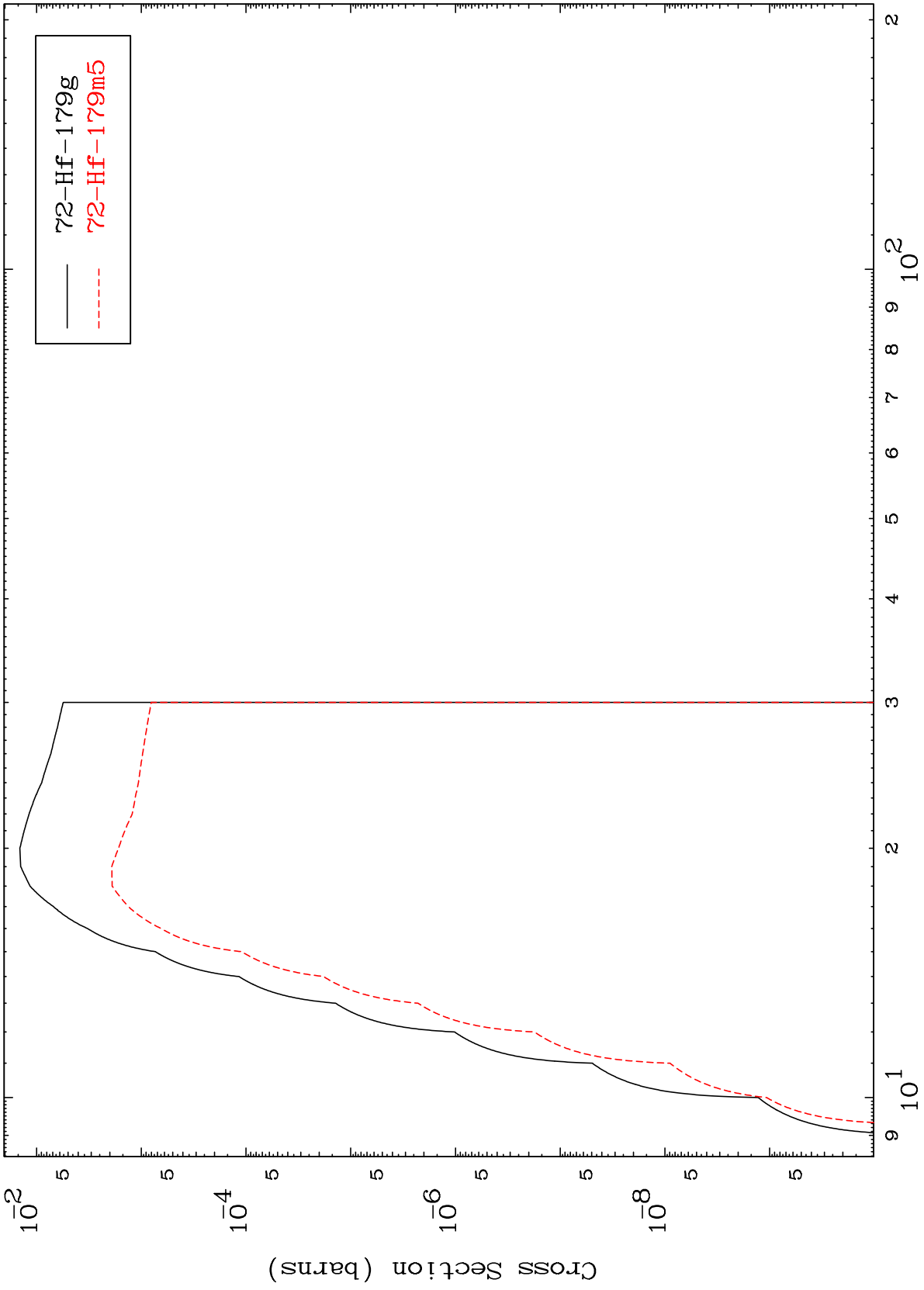
Incident Energy (MeV)

70-Yb-176

MAT 7049

Inelastic  
Radionuclide Production Cross Section

70-Yb-176



Incident Energy (MeV)

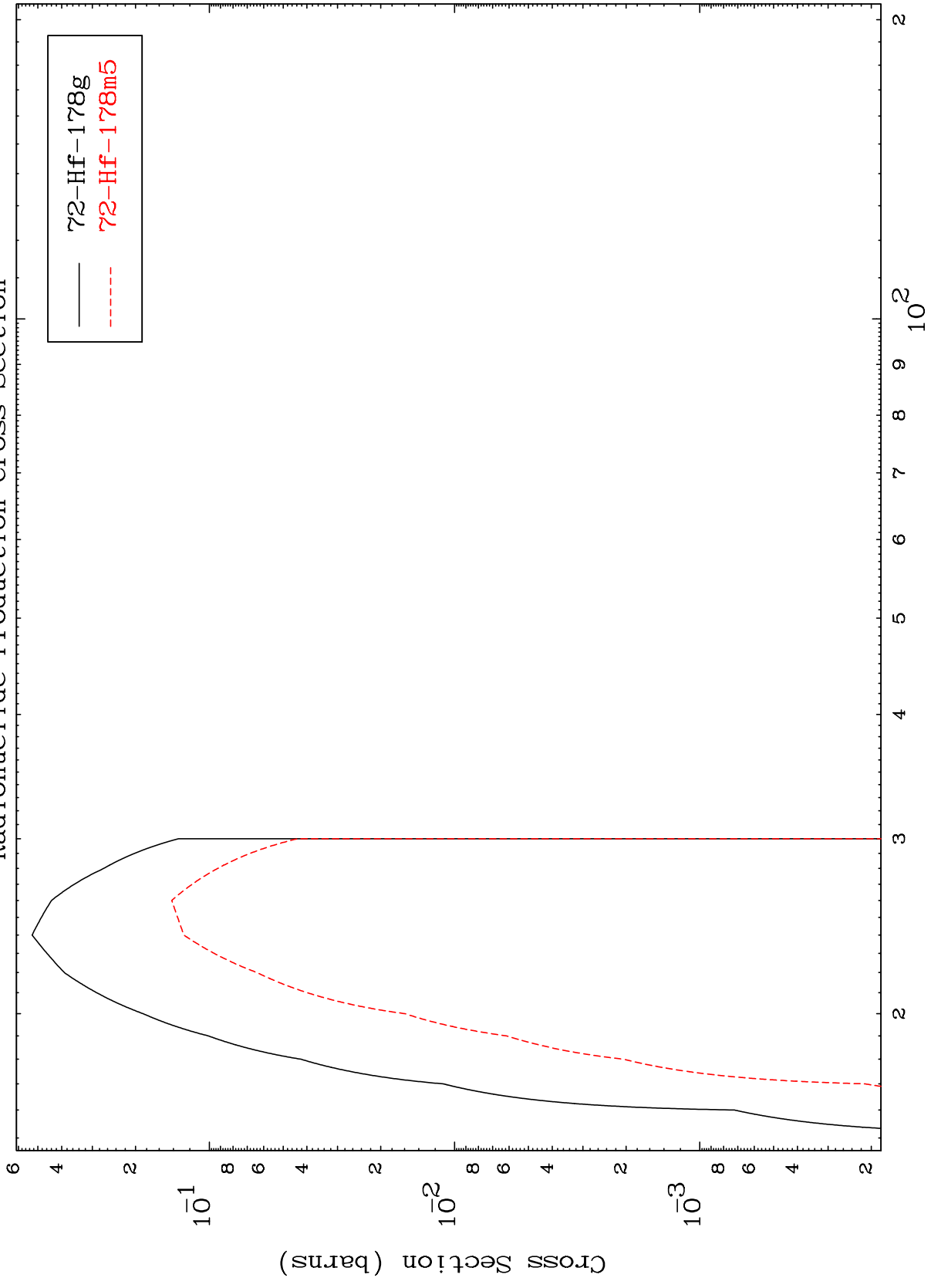
70-Yb-176

MAT 7049

(n,2n)

70-Yb-176

Radionuclide Production Cross Section



11

Incident Energy (MeV)

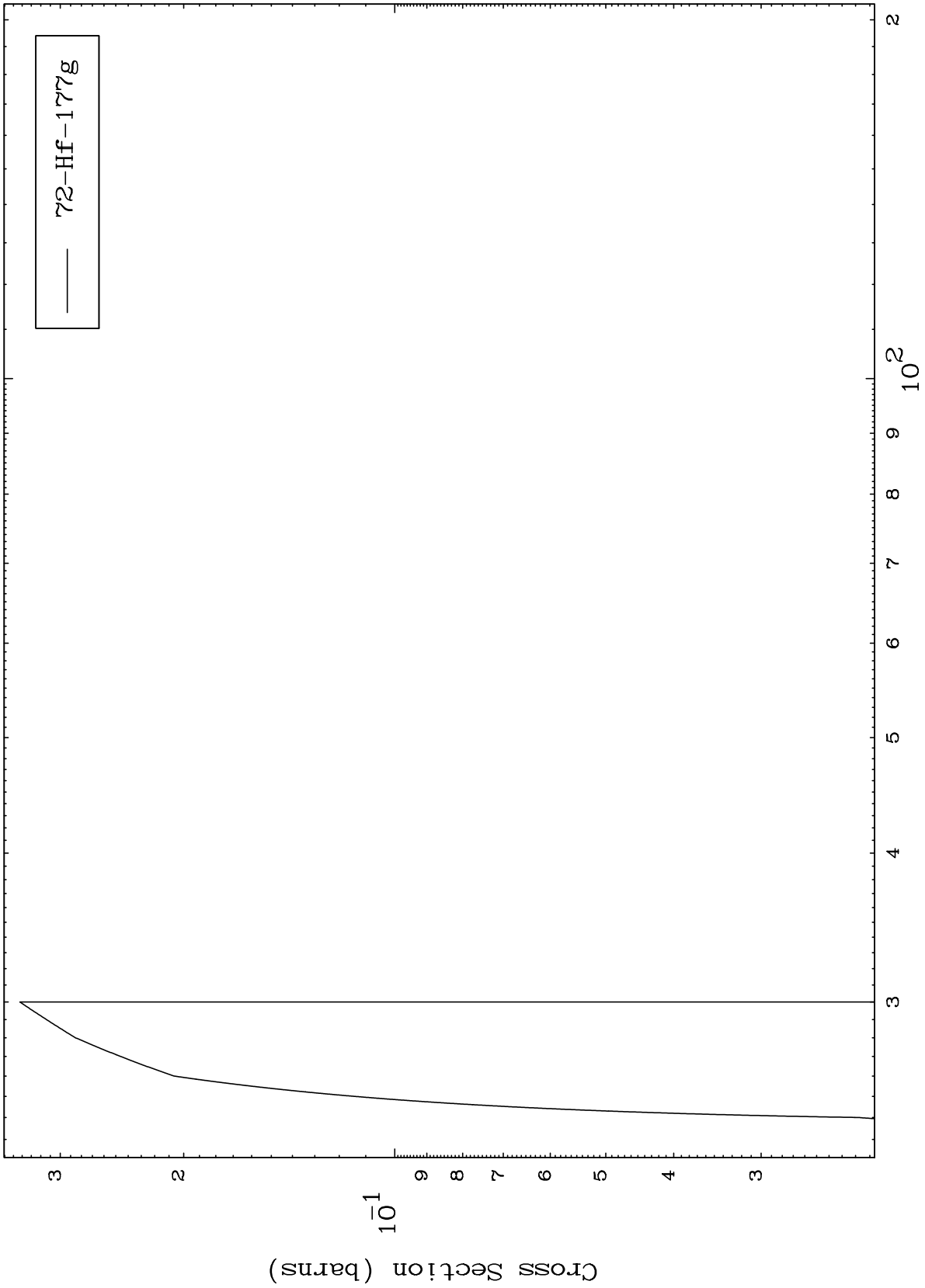
70-Yb-176

MAT 7049

(n,3n)

70-Yb-176

Radionuclide Production Cross Section



12

Incident Energy (MeV)

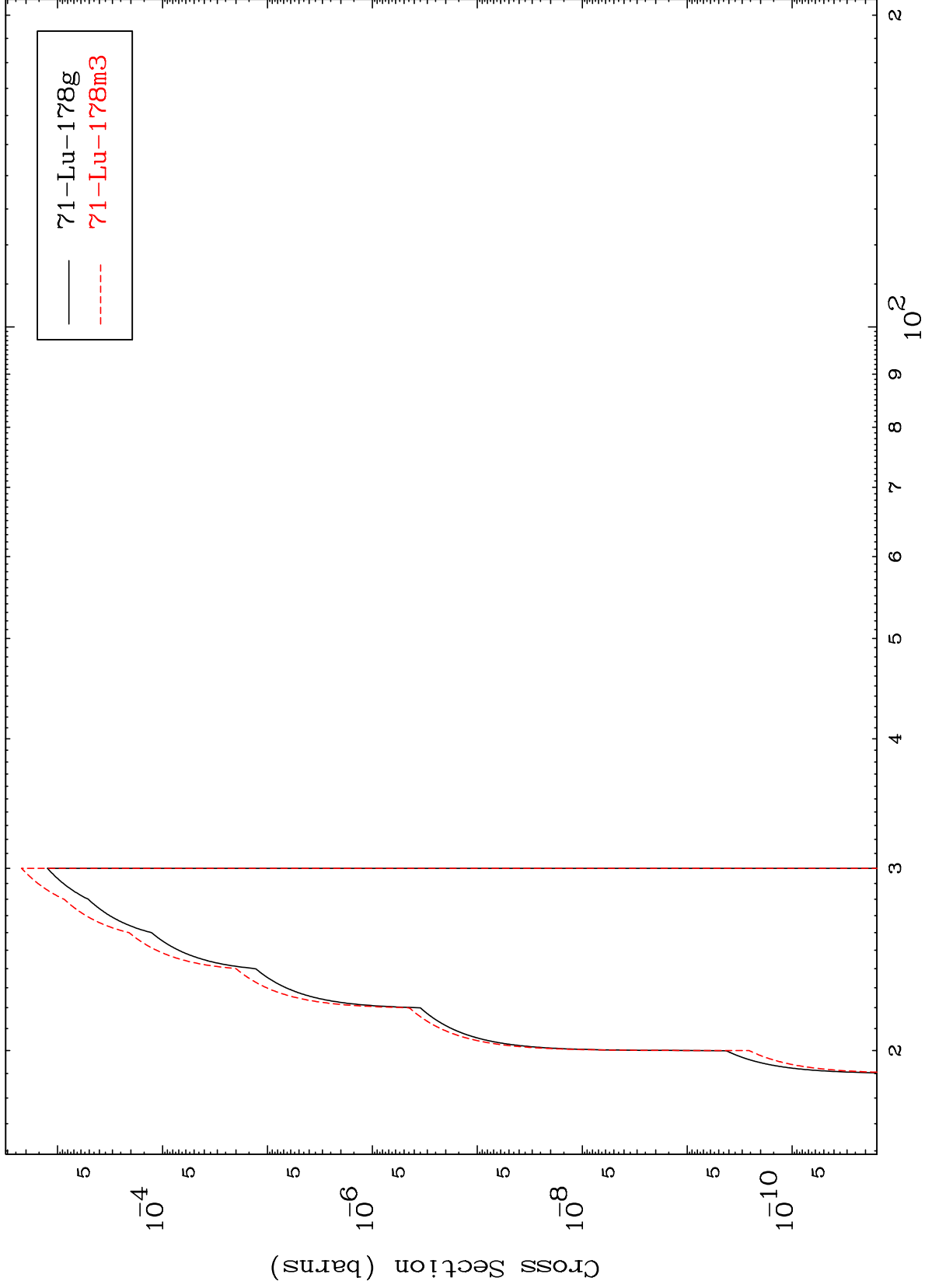
70-Yb-176

MAT 7049

(n,n') p

70-Yb-176

Radionuclide Production Cross Section



13

Incident Energy (MeV)

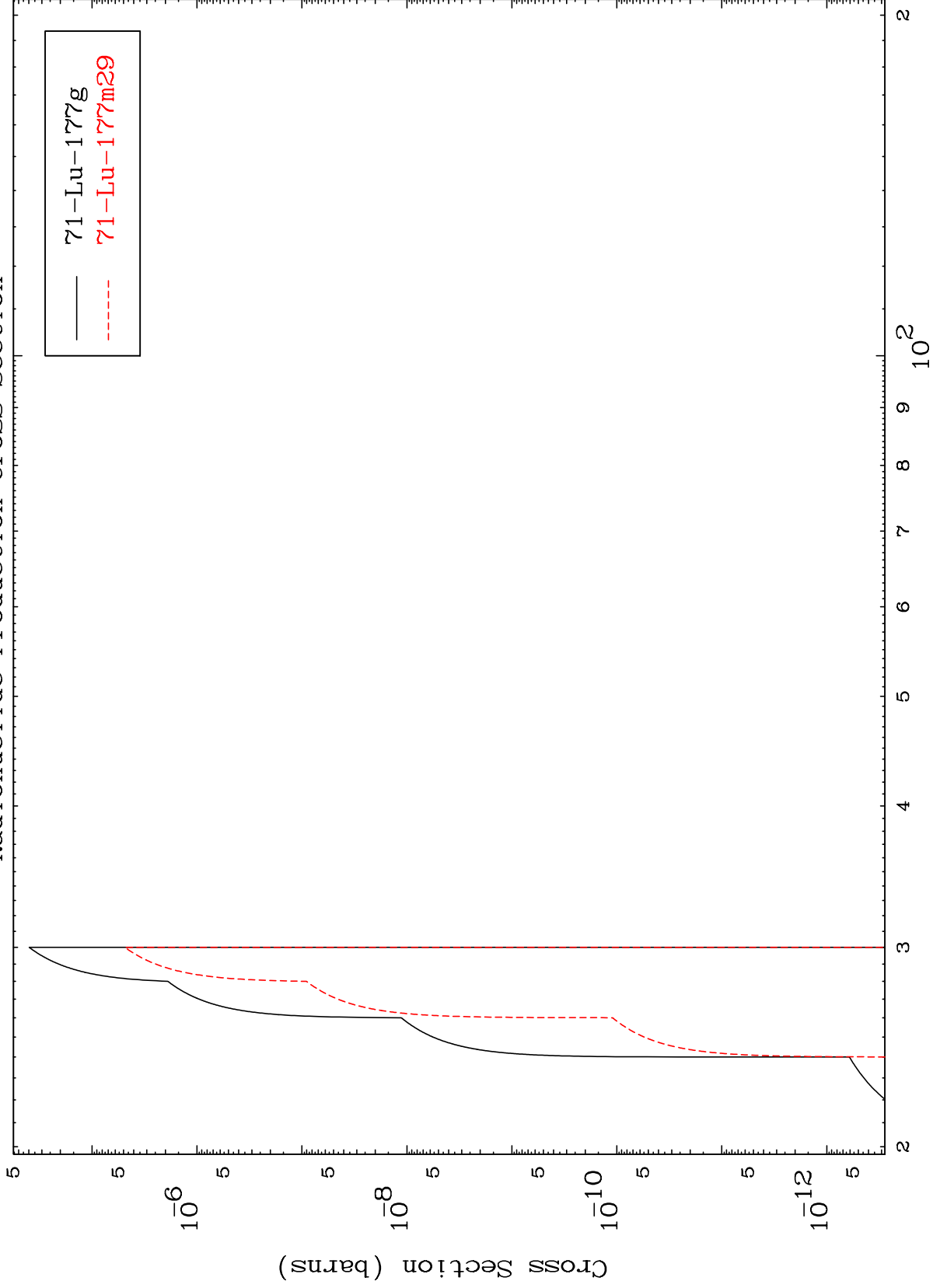
70-Yb-176

MAT 7049

(n,n') d

70-Yb-176

Radionuclide Production Cross Section



14

Incident Energy (MeV)

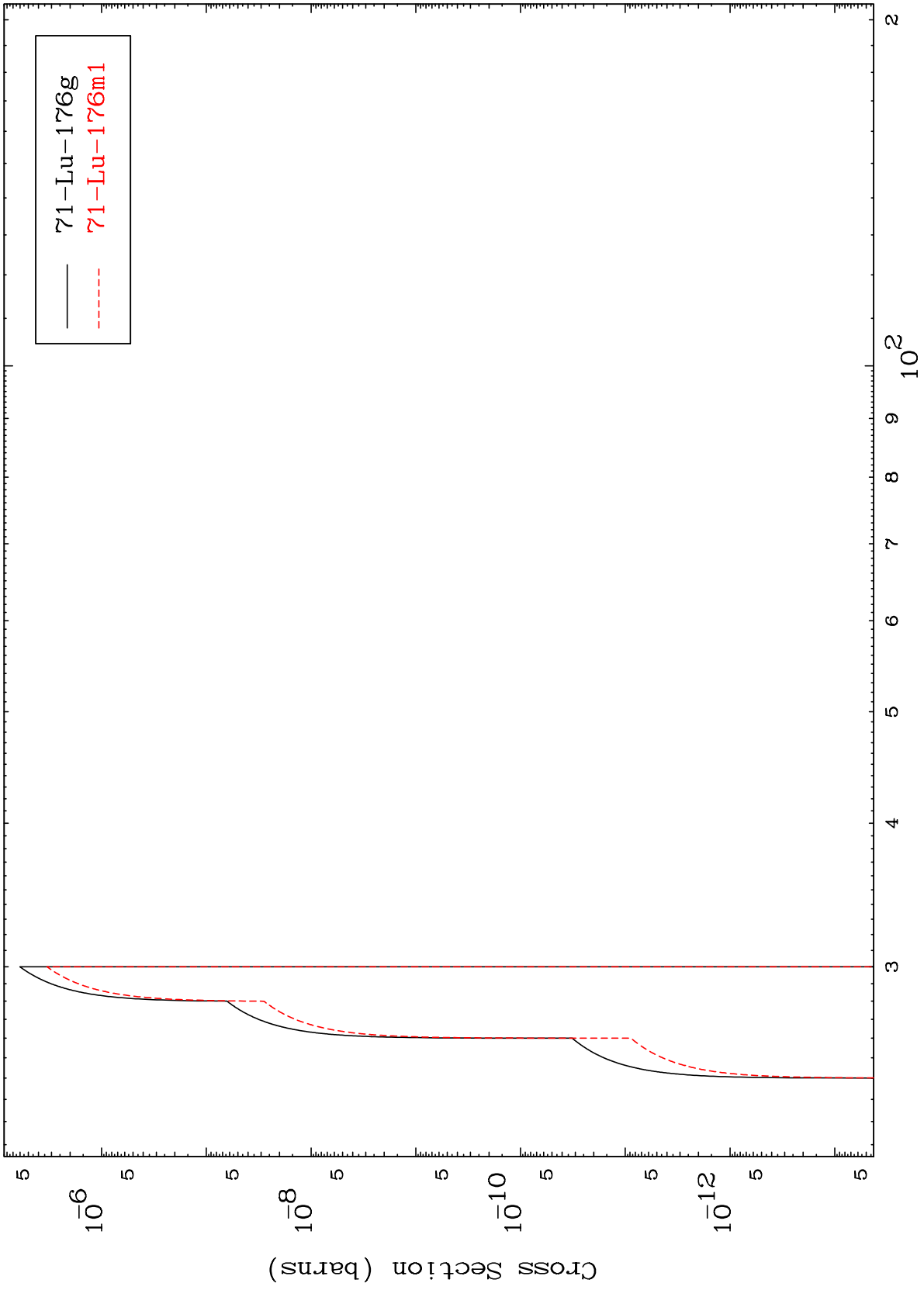
70-Yb-176

MAT 7049

(n,n') t

70-Yb-176

Radionuclide Production Cross Section



15

Incident Energy (MeV)

70-Yb-176

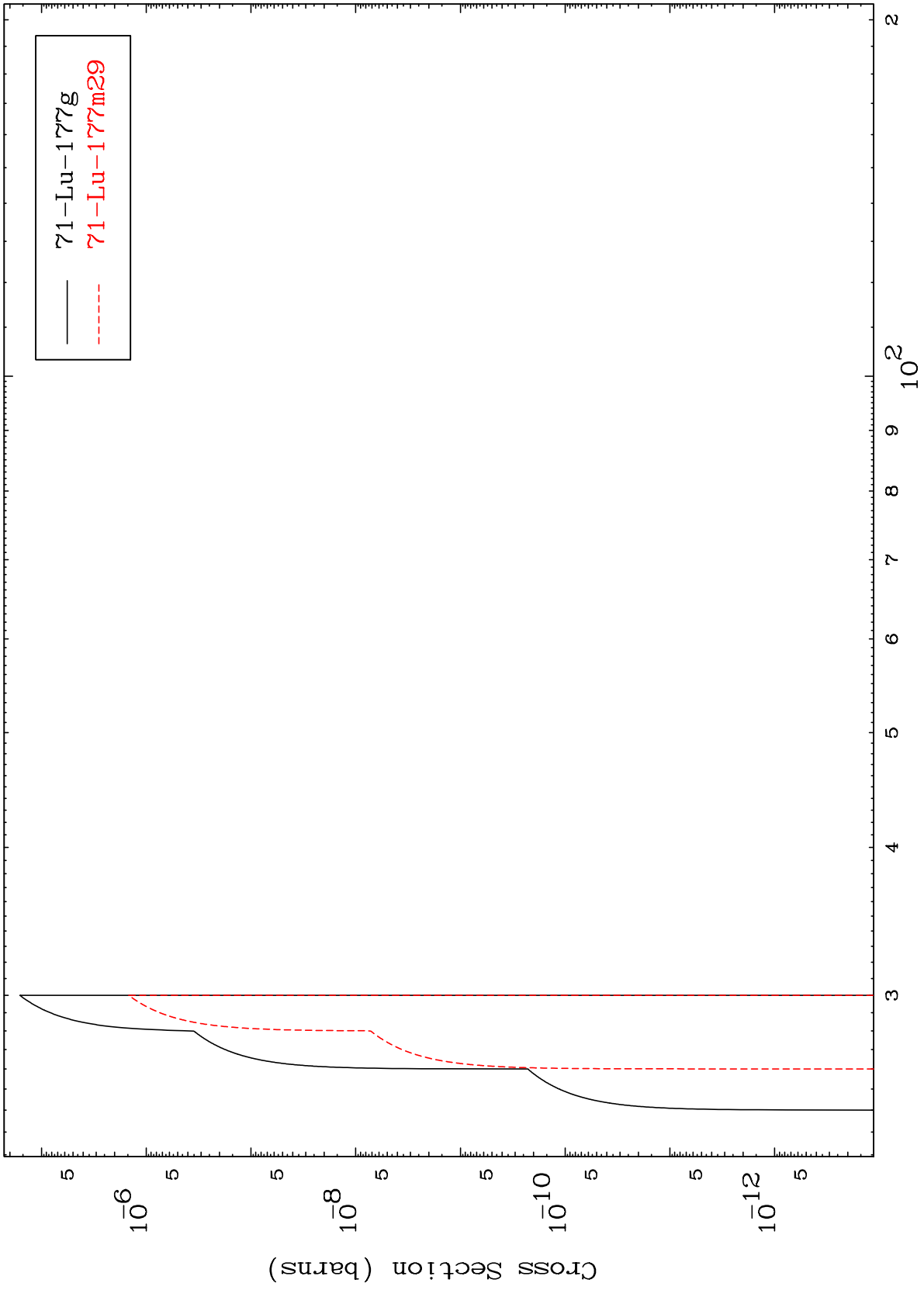


MAT 7049

(n,2n) p

70-Yb-176

Radionuclide Production Cross Section



16

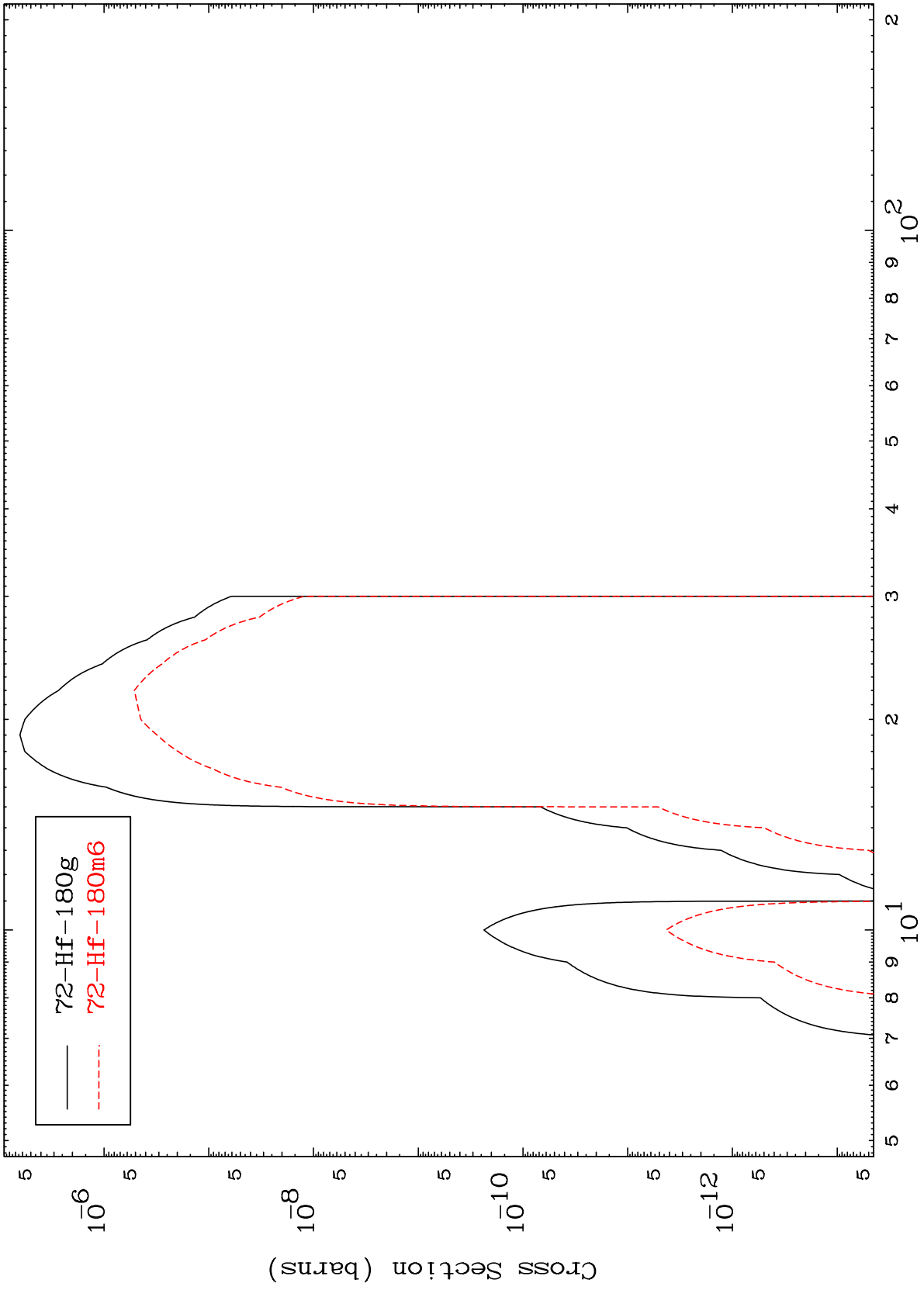
Incident Energy (MeV)

70-Yb-176

MAT 7049

Radionuclide Production Cross Section  
(n,γ)

<sup>70</sup>Yb-176



17

Incident Energy (MeV)

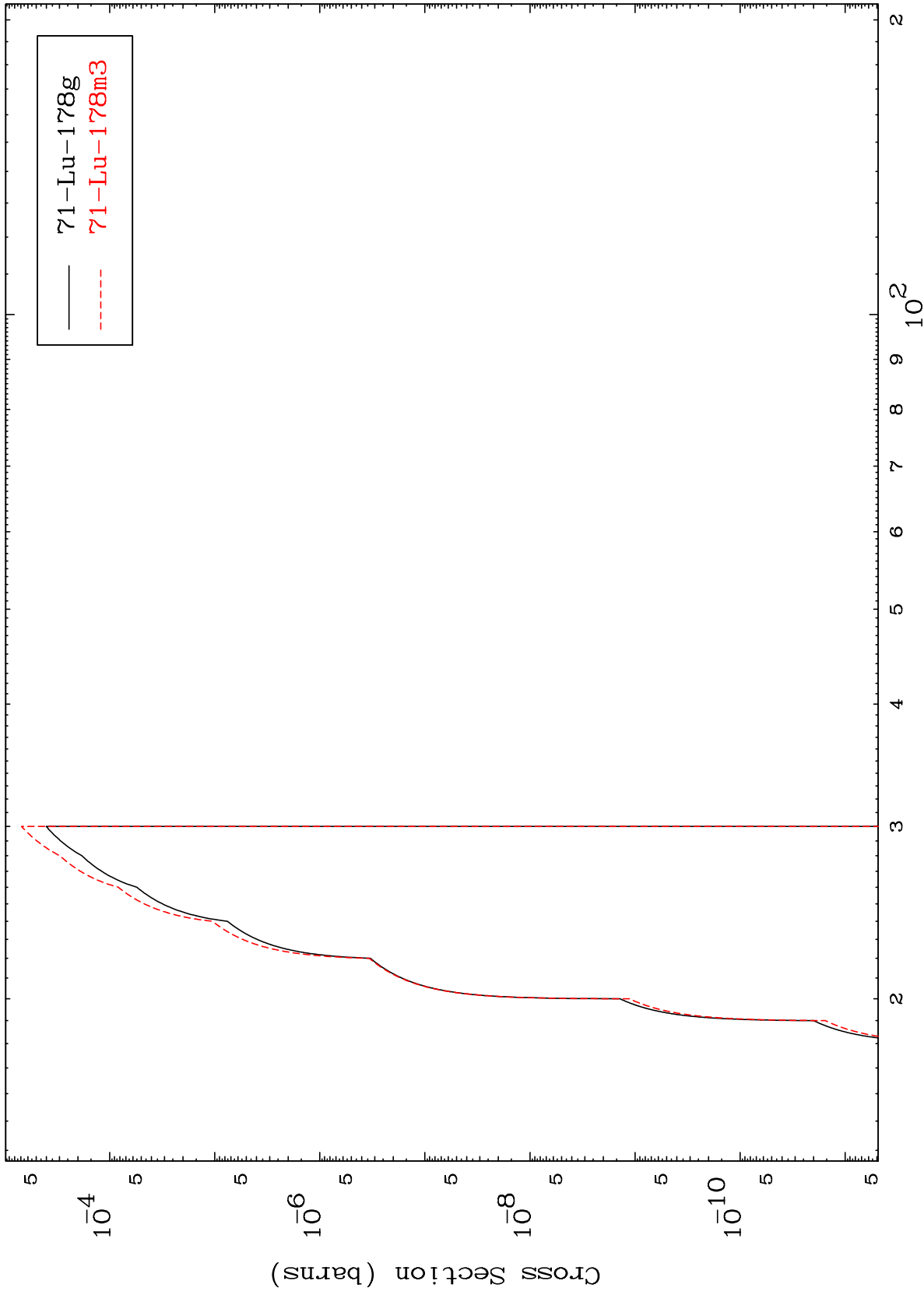
<sup>70</sup>Yb-176

MAT 7049

(n,d)

<sup>70</sup>Yb-176

Radionuclide Production Cross Section



18

Incident Energy (MeV)

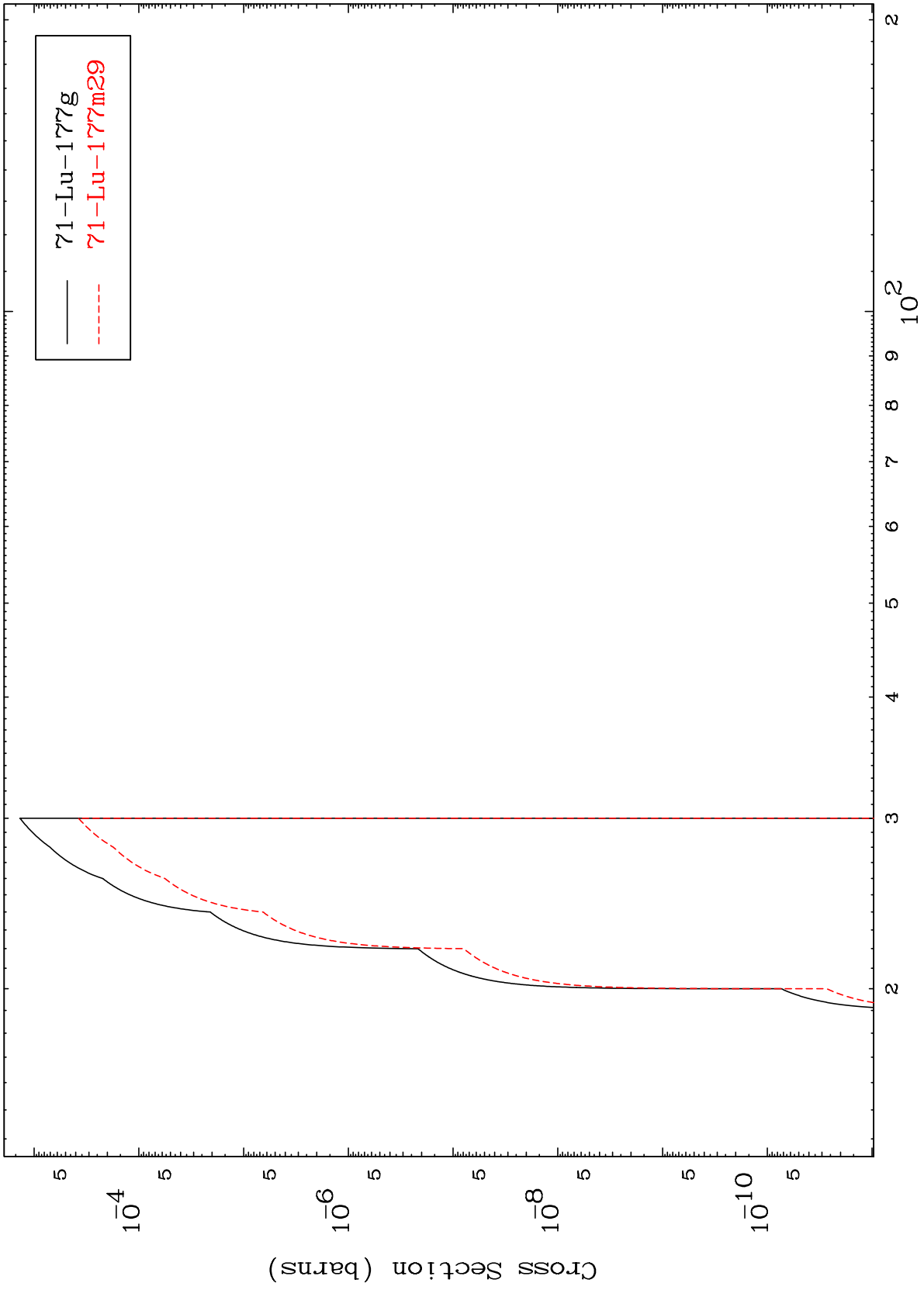
<sup>70</sup>Yb-176

MAT 7049

(n, t)

<sup>70</sup>Yb-176

Radionuclide Production Cross Section

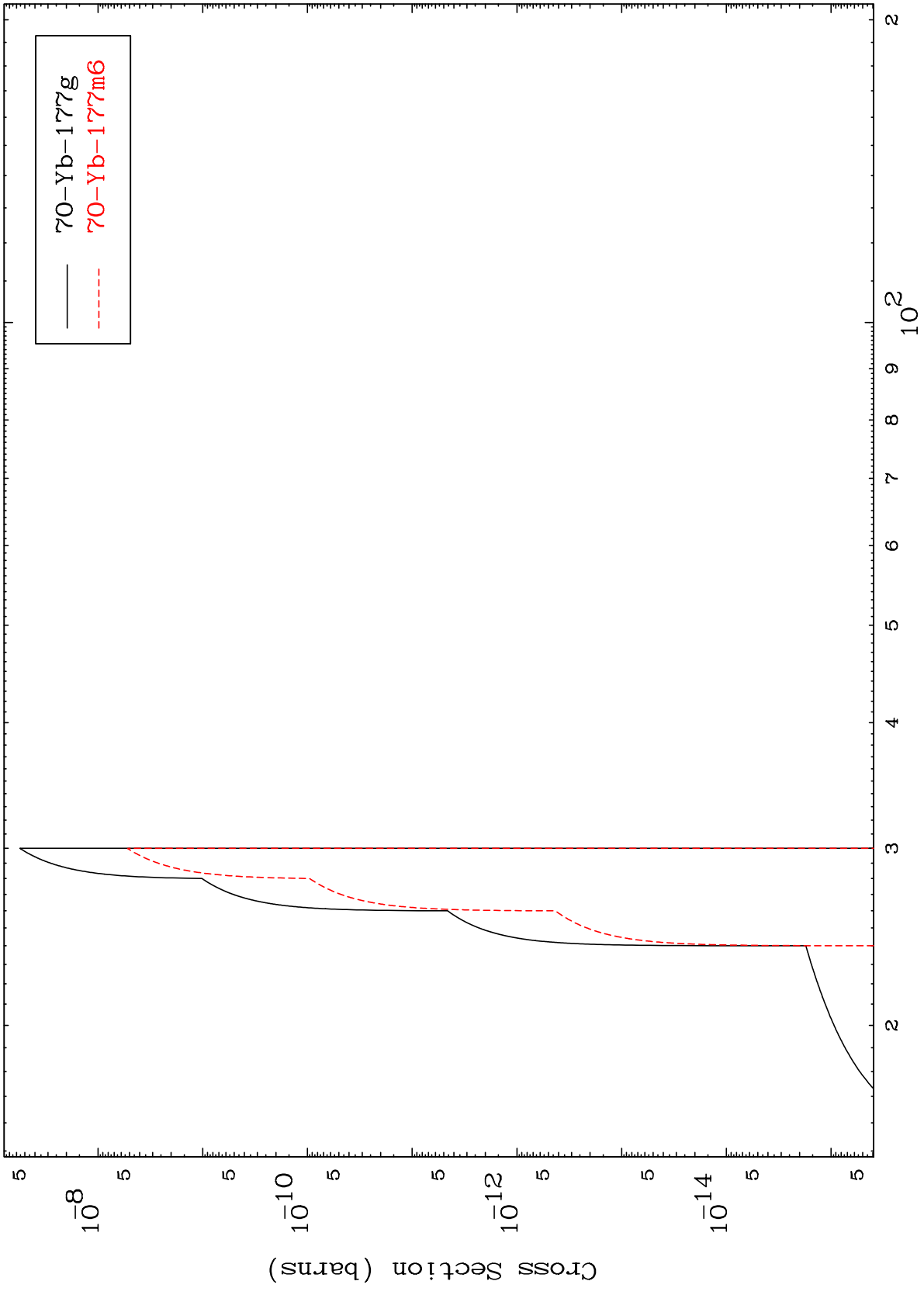


MAT 7049

(n, He-3)

70-Yb-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

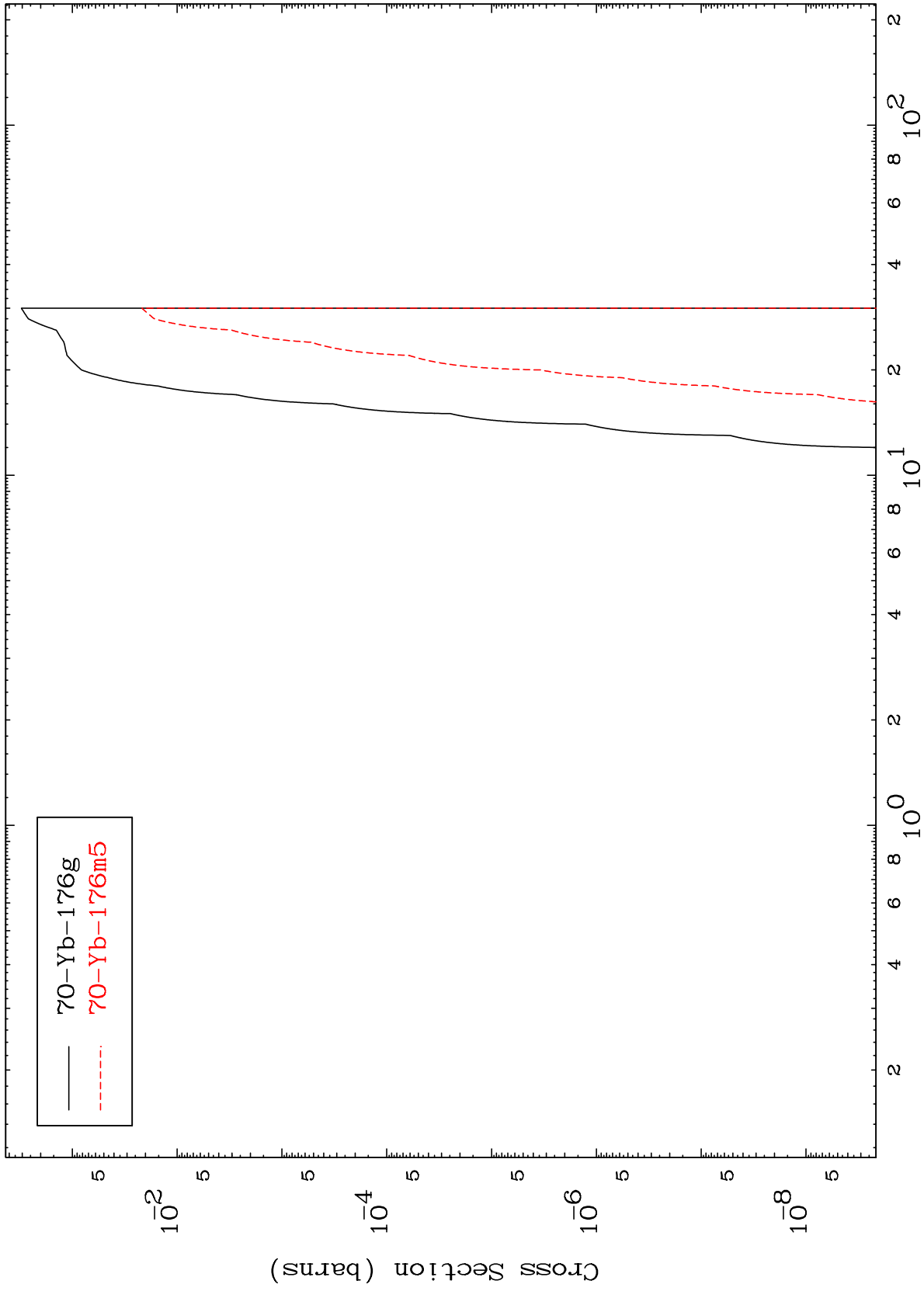
70-Yb-176

MAT 7049

(n,  $\alpha$ )

<sup>70</sup>Yb-176

Radionuclide Production Cross Section



21

Incident Energy (MeV)

<sup>70</sup>Yb-176