

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

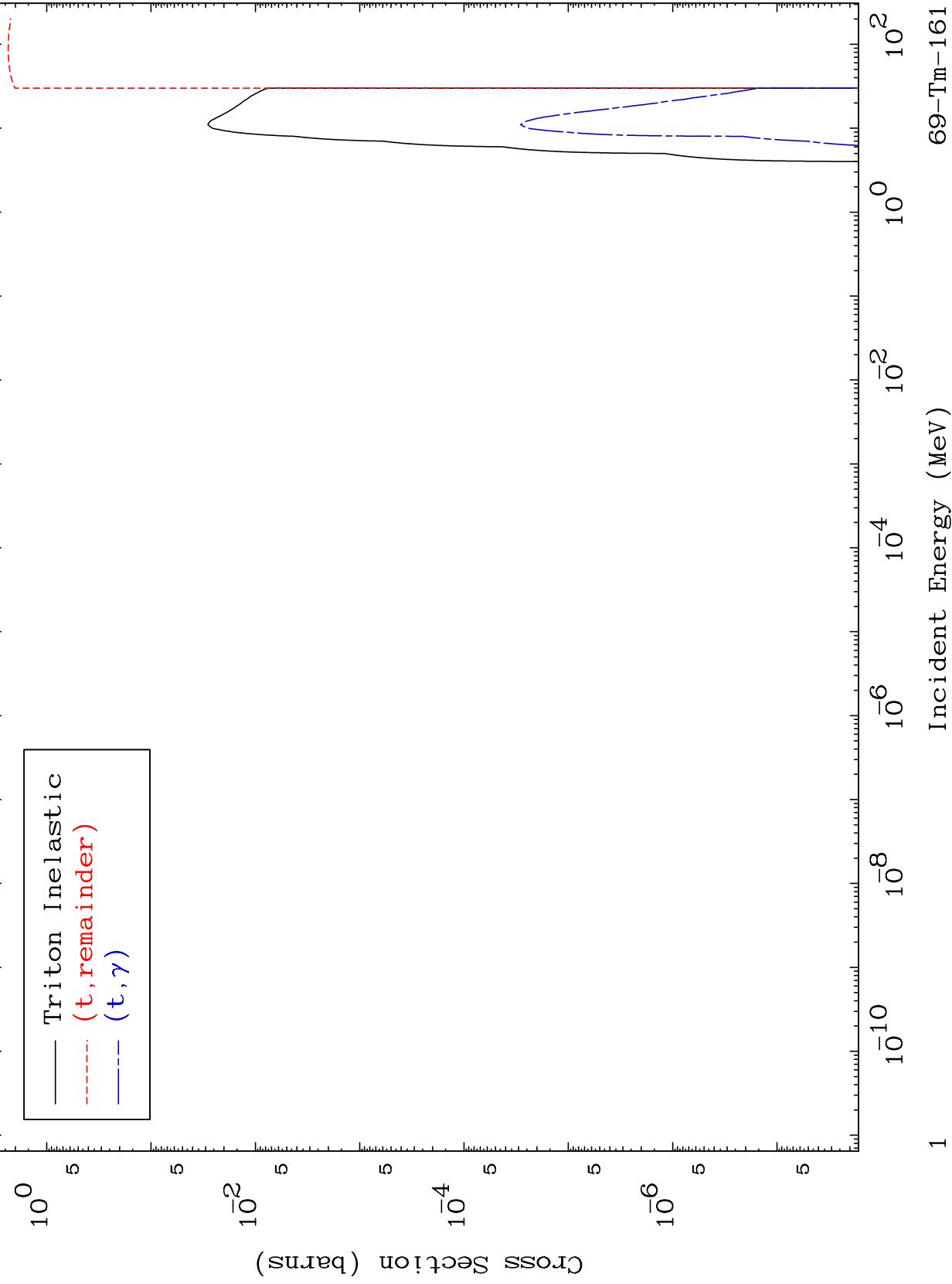
E-Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6901

69-Tm-161
Triton Major
0 Kelvin Cross Sections

— Triton Inelastic
--- (t , remainder)
--- (t, γ)

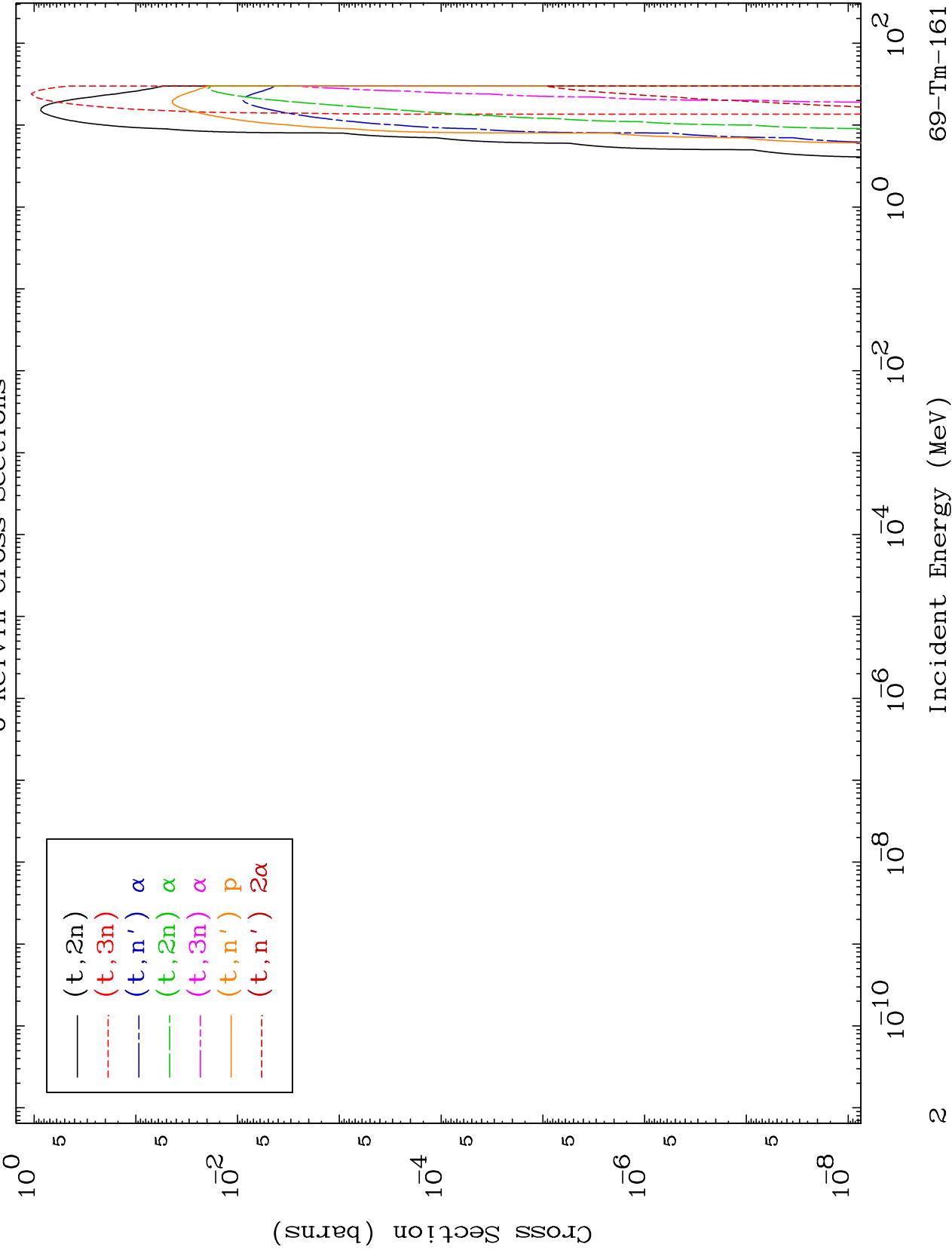


1

69-Tm-161
Incident Energy (MeV)

MAT 6901

Triton Neutron Production O Kelvin Cross Sections

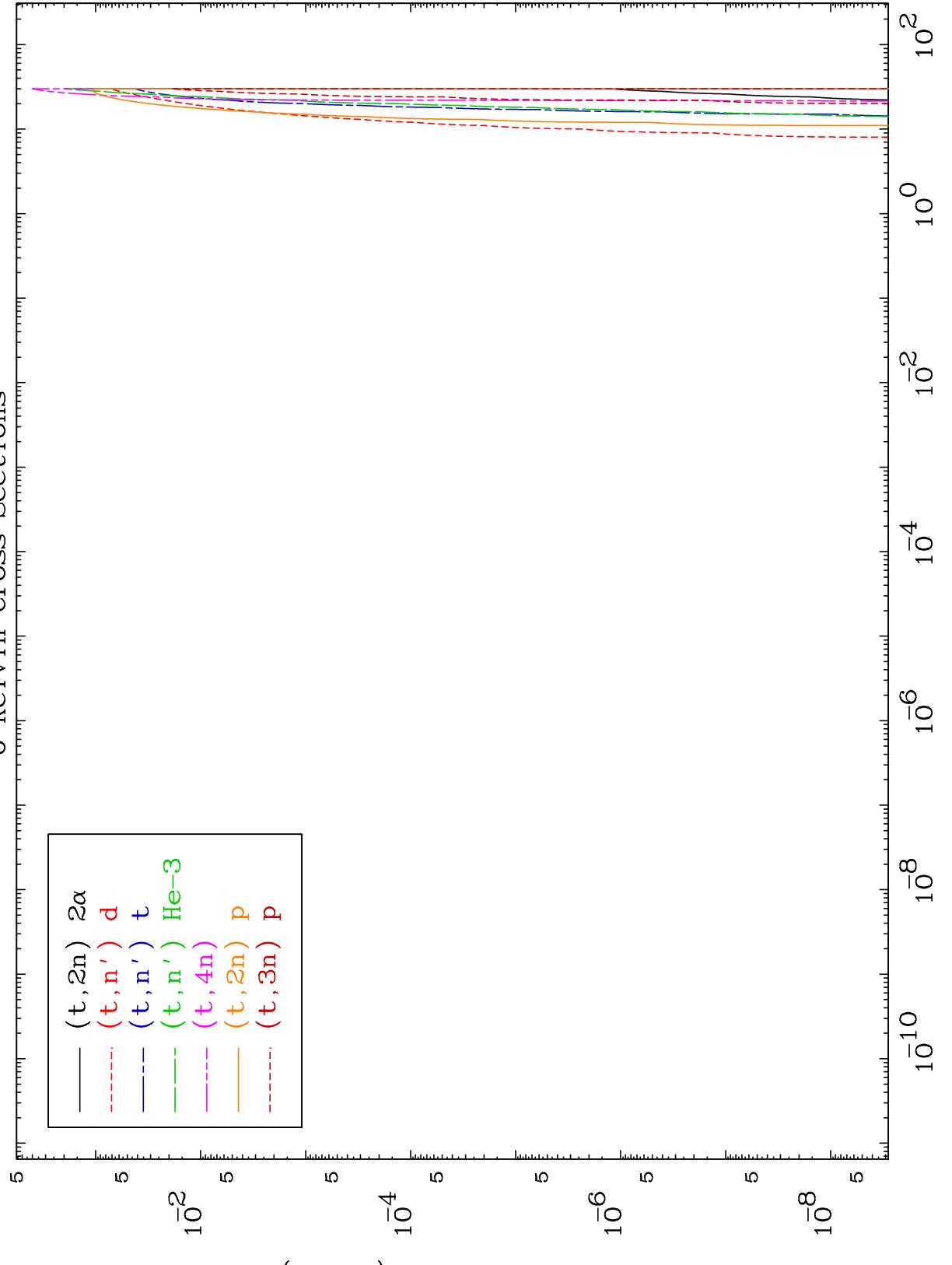


MAT 6901

Triton Neutron Production
0 Kelvin Cross Sections

69-Tm-161

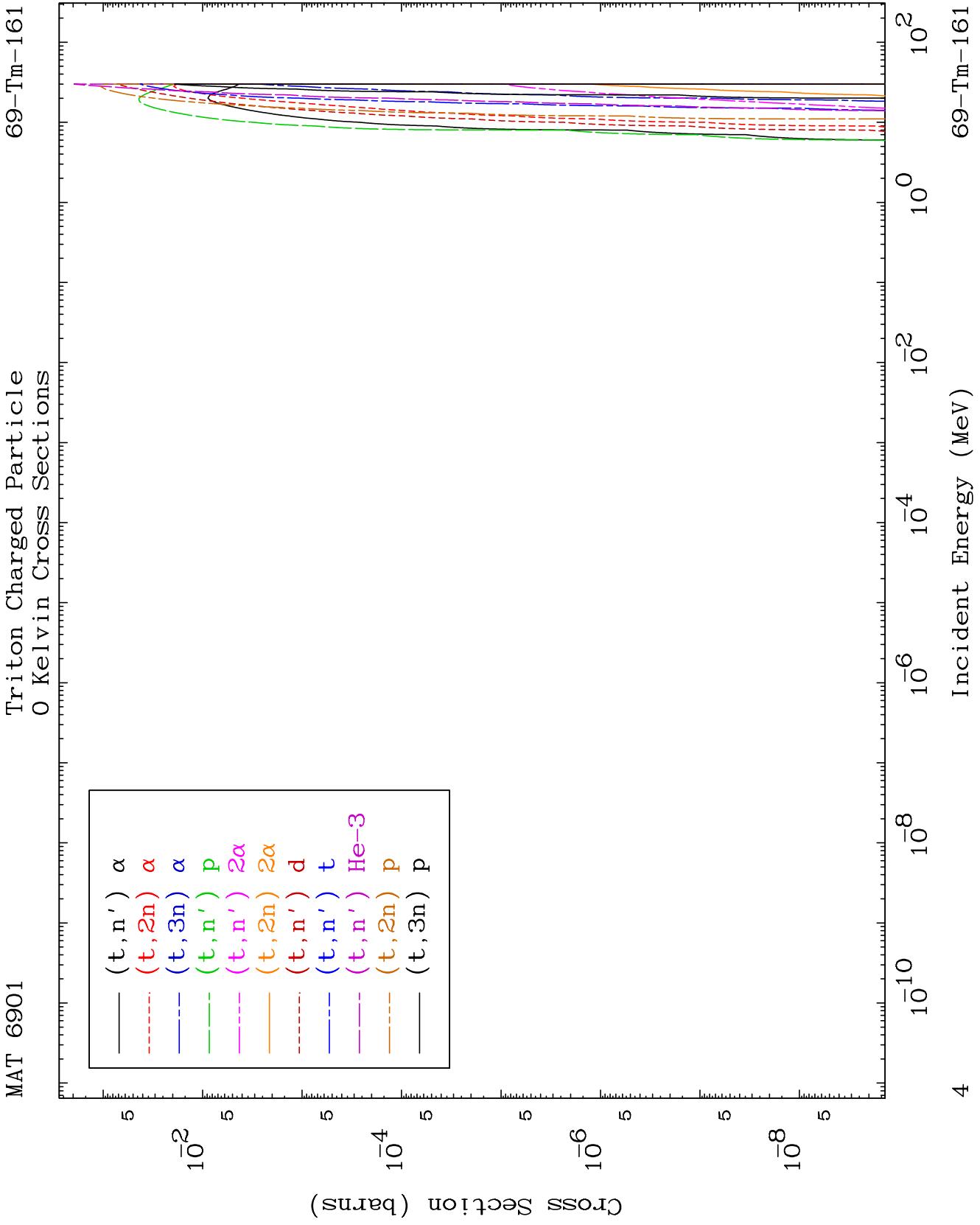
—	(t, 2n)	2α
- - -	(t, n')	d
- - -	(t, n')	t
- - -	(t, n')	He-3
- - -	(t, 4n)	
- - -	(t, 2n)	p
- - -	(t, 3n)	p



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Triton Charged Particle
O Kelvin Cross Sections

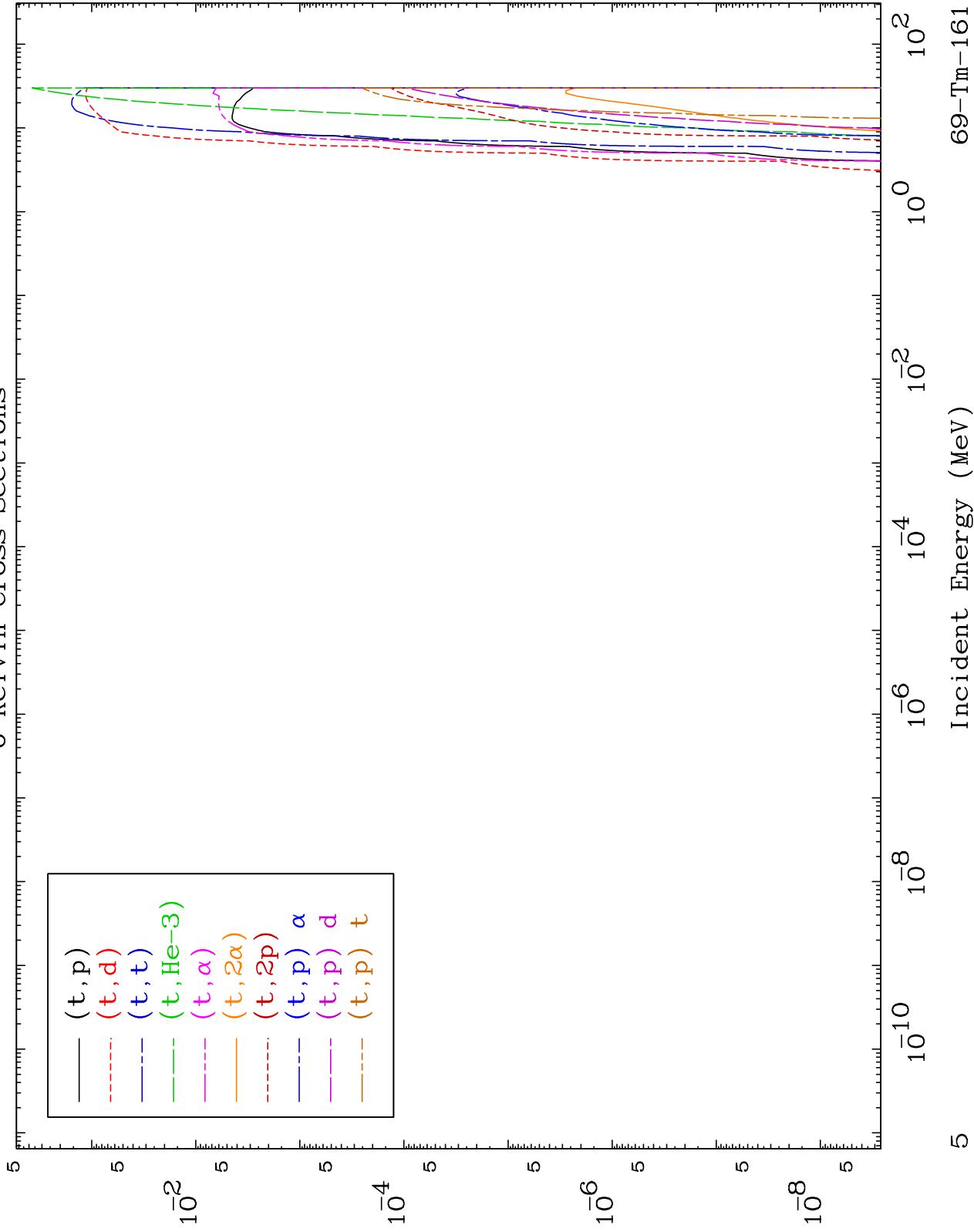
MAT 6901

Triton Charged Particle
O Kelvin Cross Sections

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Cross Section (bars)

—	(t, p)
- - -	(t, d)
- - -	(t, t)
- - -	(t, He-3)
- - -	(t, alpha)
- - -	(t, 2alpha)
- - -	(t, 2p)
- - -	(t, p) alpha
- - -	(t, p) d
- - -	(t, p) t



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Incident Energy (MeV)

69-Tm-161

MAT 6901

69-Tm-161
(t, n') Level
0 Kelvin Cross Sections

— Triton Inelastic

10^{-2}

10^{-4}

10^{-6}

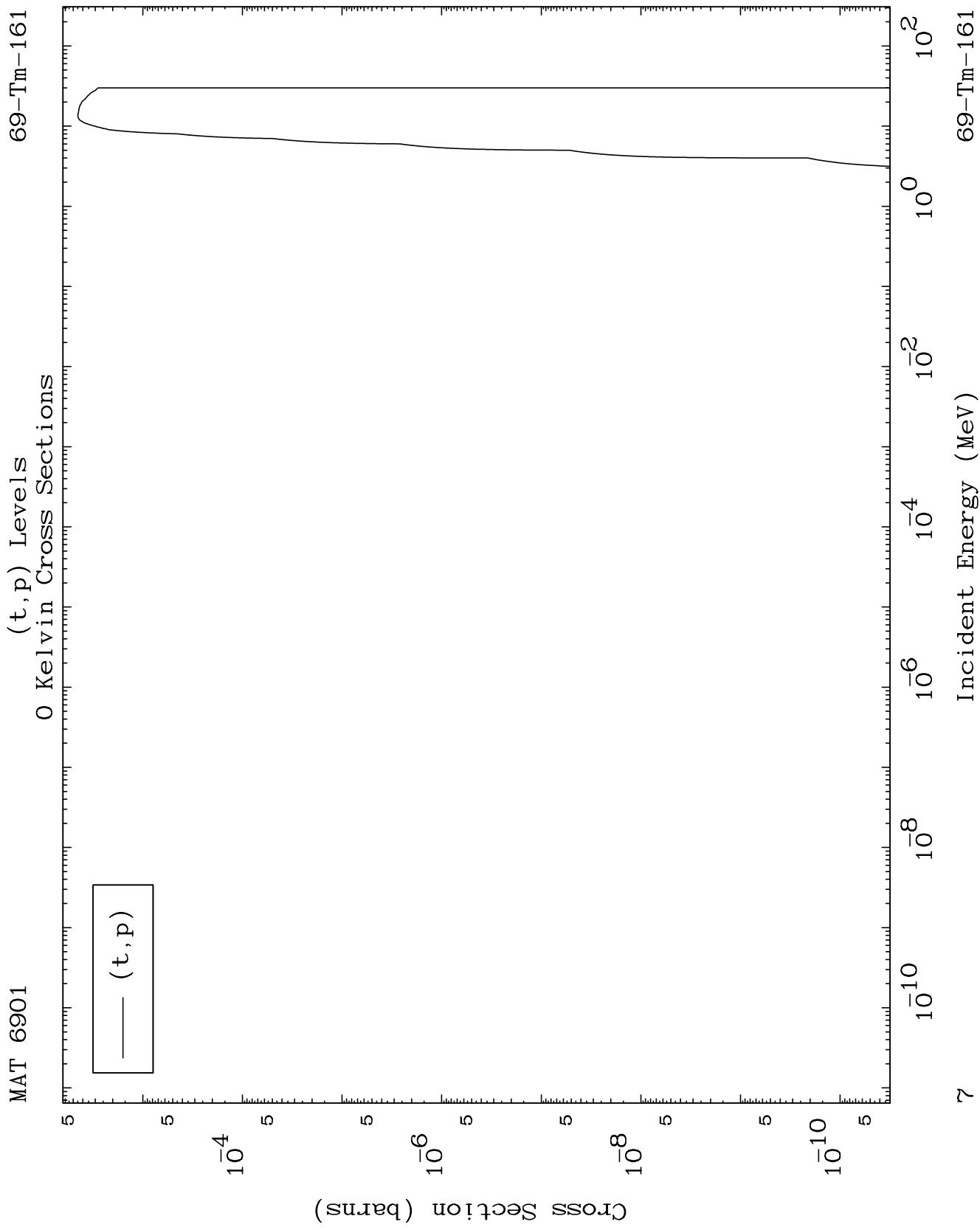
10^{-8}

Cross Section (barns)

6

69-Tm-161
Incident Energy (MeV)

10^0
 10^{-2}
 10^{-4}
 10^{-6}
 10^{-8}
 10^{-10}



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69-Tm-161
(t,d) Levels
0 Kelvin Cross Sections

— (t,d)

10^{-2}

Cross Section (bars)

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10^{-6}

10^{-4}

10^0

10^2

8

Incident Energy (MeV)

69-Tm-161

MAT 6901

69-Tm-161
(t, t) Levels
0 Kelvin Cross Sections

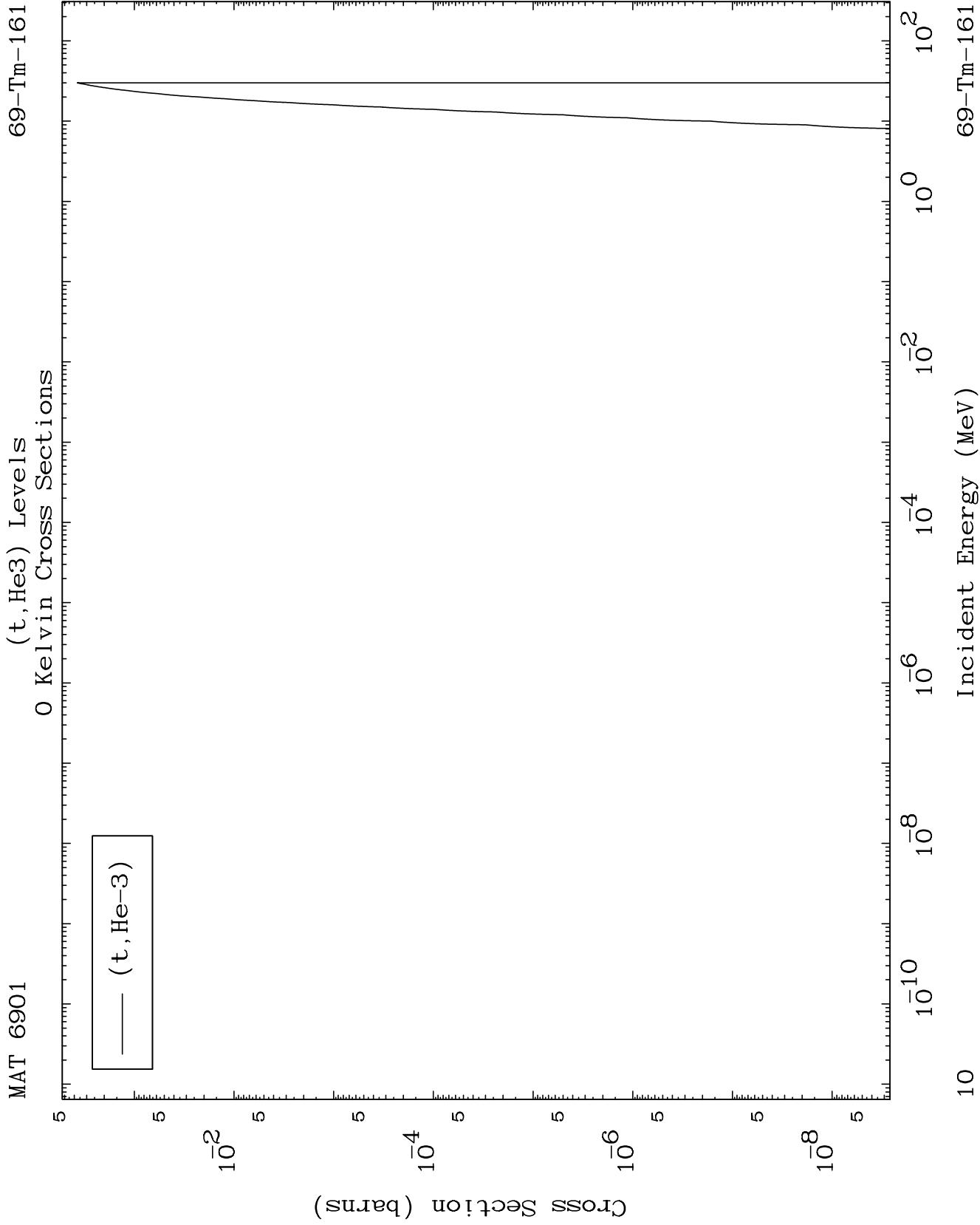
— (t, t)

10^{-2} 10^{-4} 10^{-6} 10^{-8}

Cross Section (bars)

9

69-Tm-161
Incident Energy (MeV)

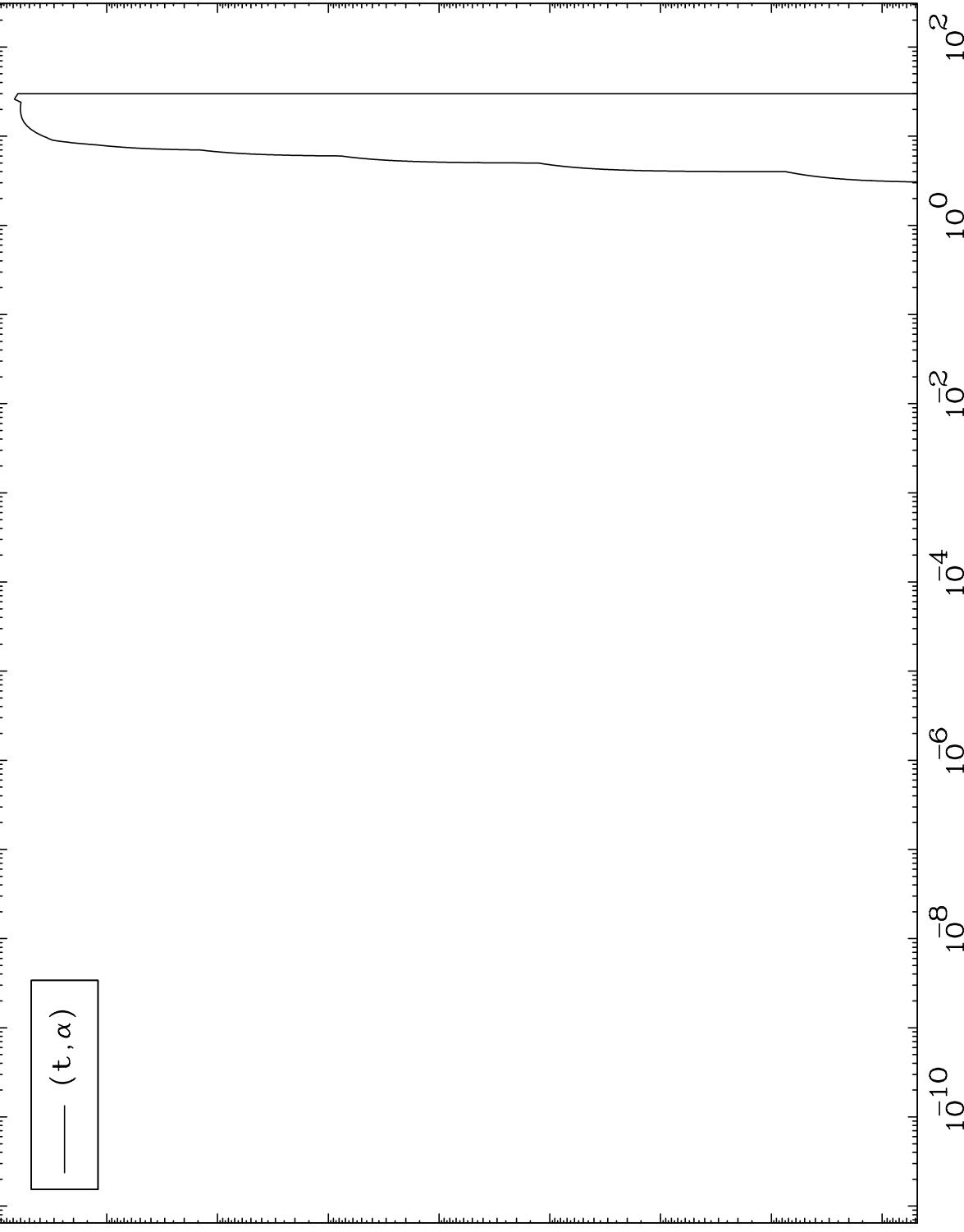


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69-Tm-161
O Kelvin Cross Sections

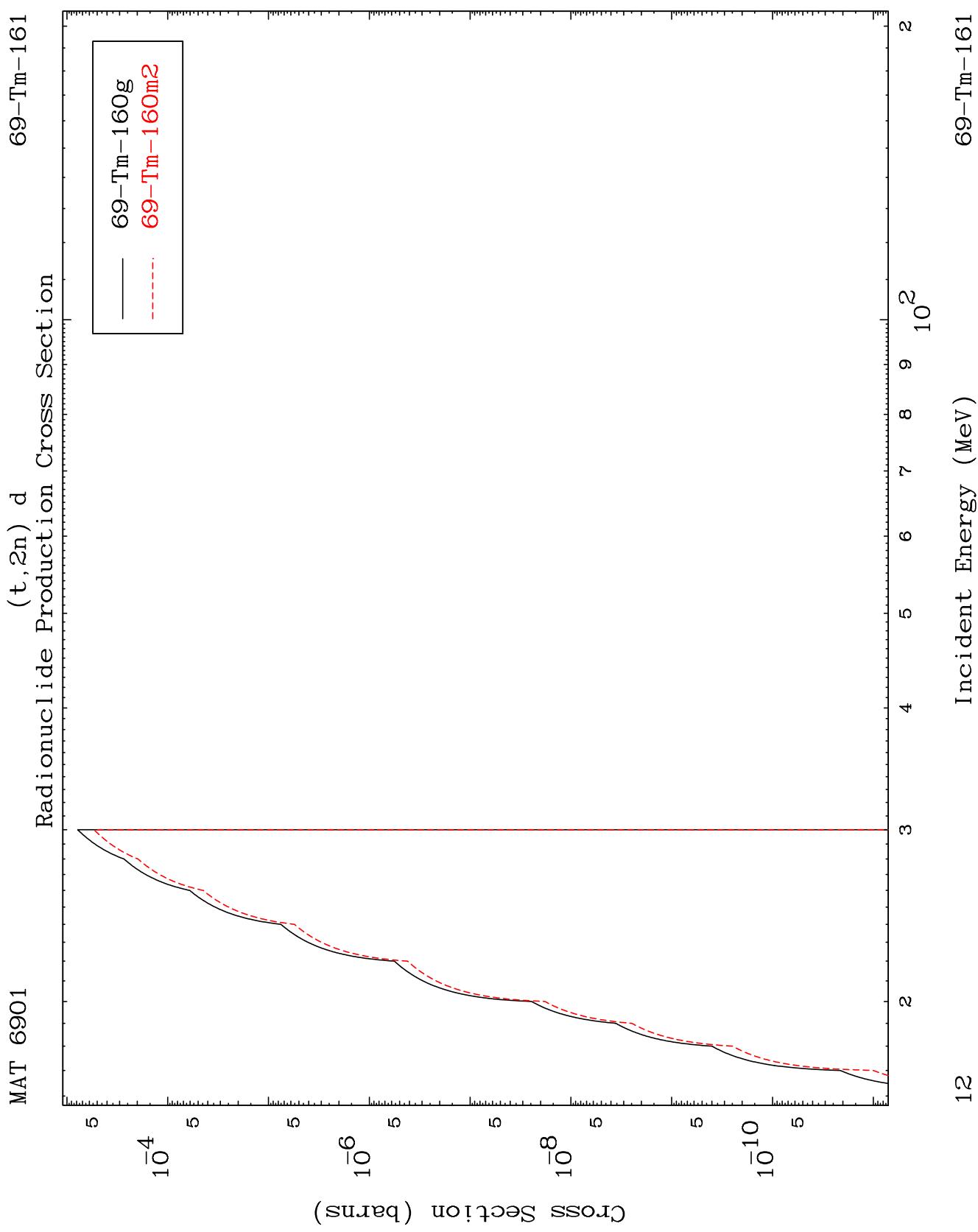
10^{-4} 10^{-6} 10^{-8} 10^{-10}

Cross Section (barns)



11

69-Tm-161
Incident Energy (MeV)



MAT 6901

69-Tm-161

(t,n') p
Radionuclide Production Cross Section

— 69-Tm-162g
- - - 69-Tm-162m4

 10^{-2}

5

 10^{-4}

5

 10^{-6}

5

 10^{-8}

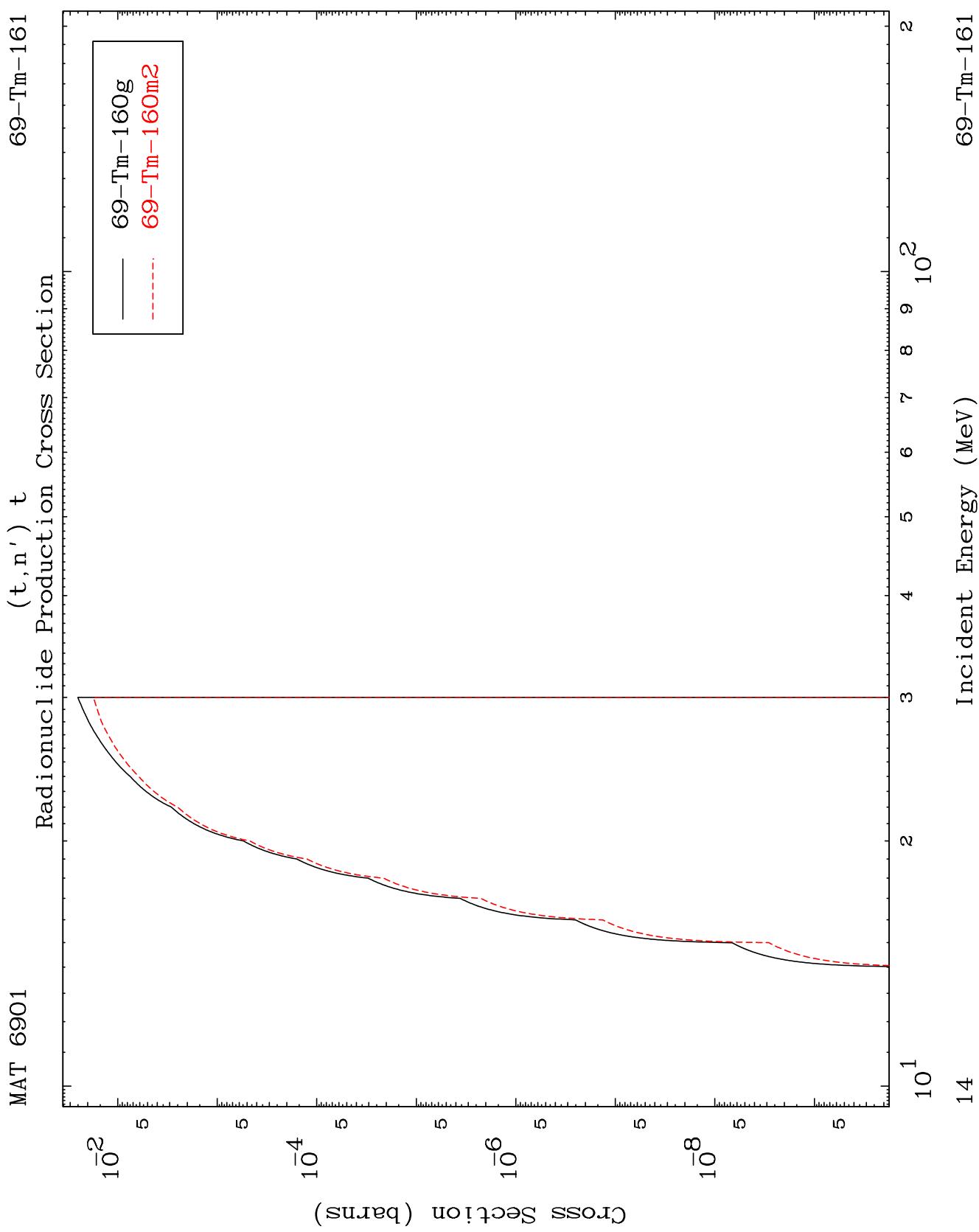
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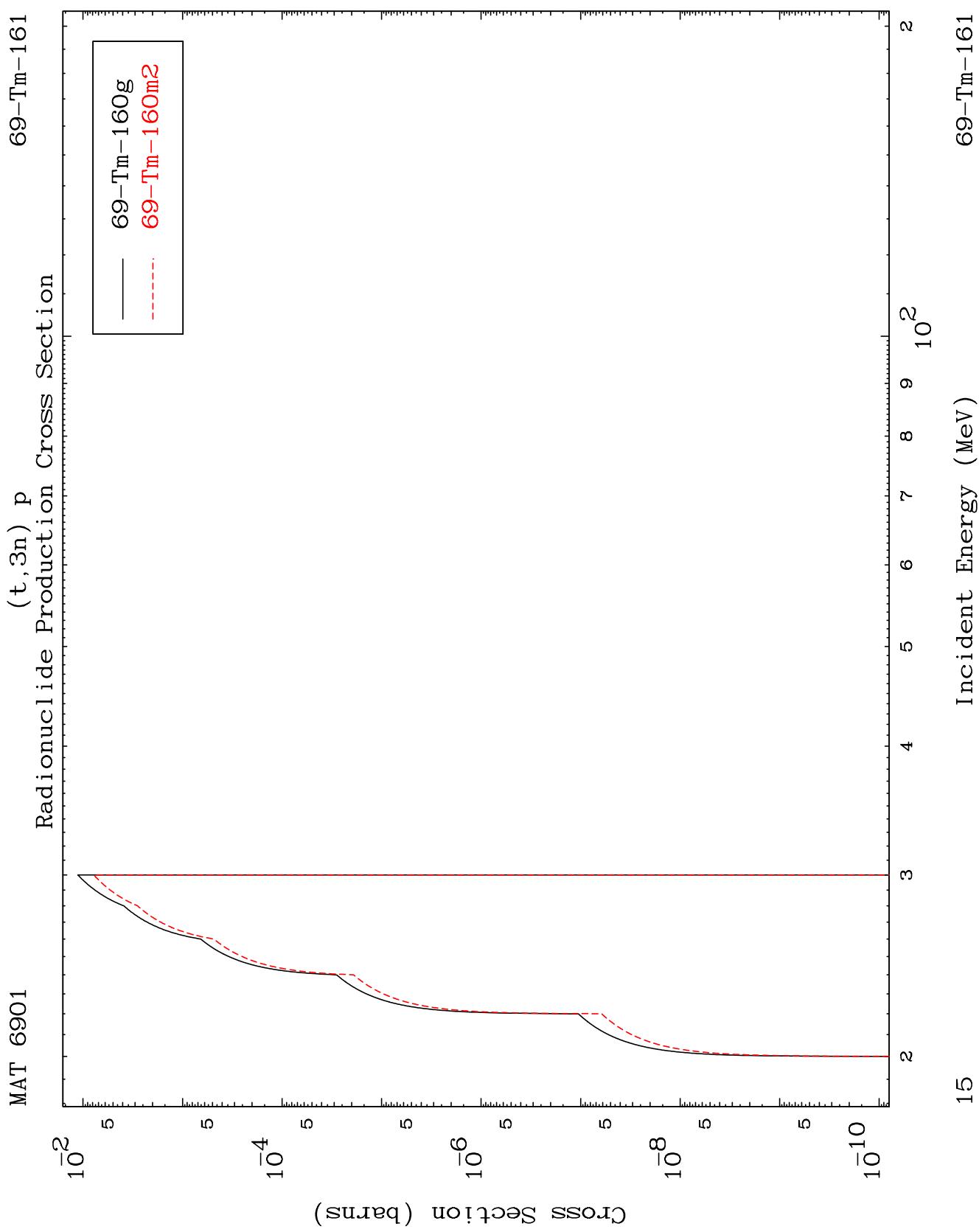
Cross Section (barns)

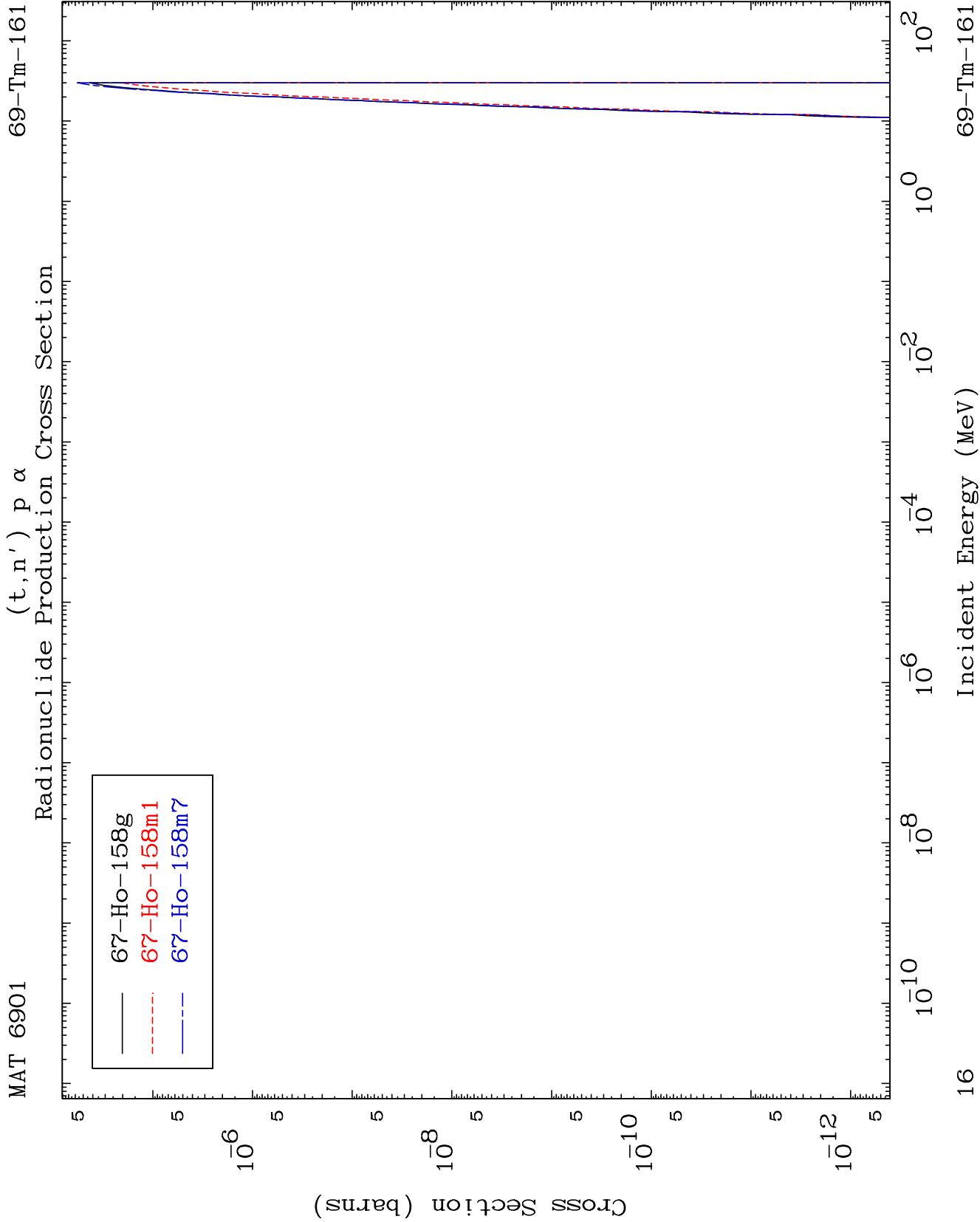
13

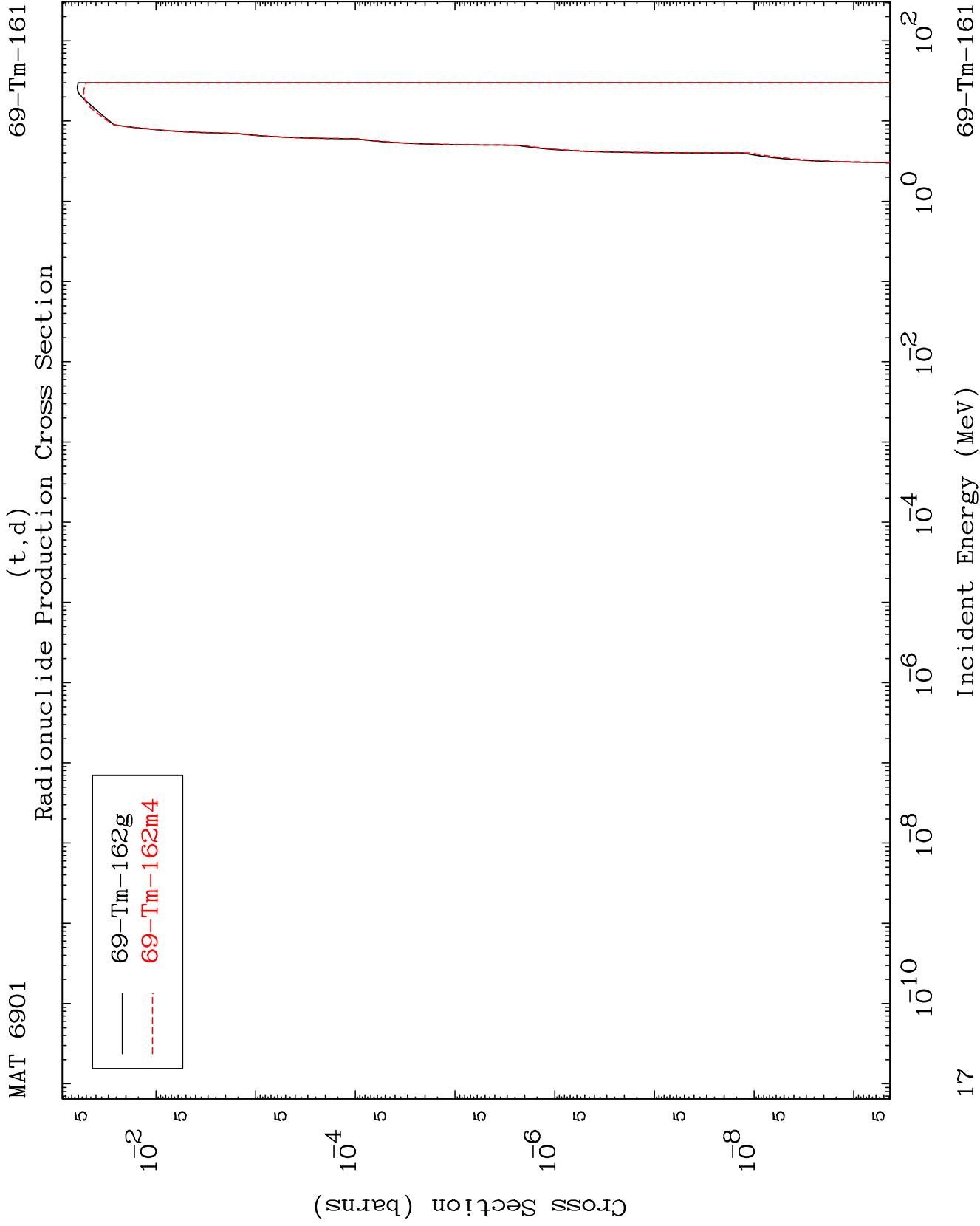
69-Tm-161

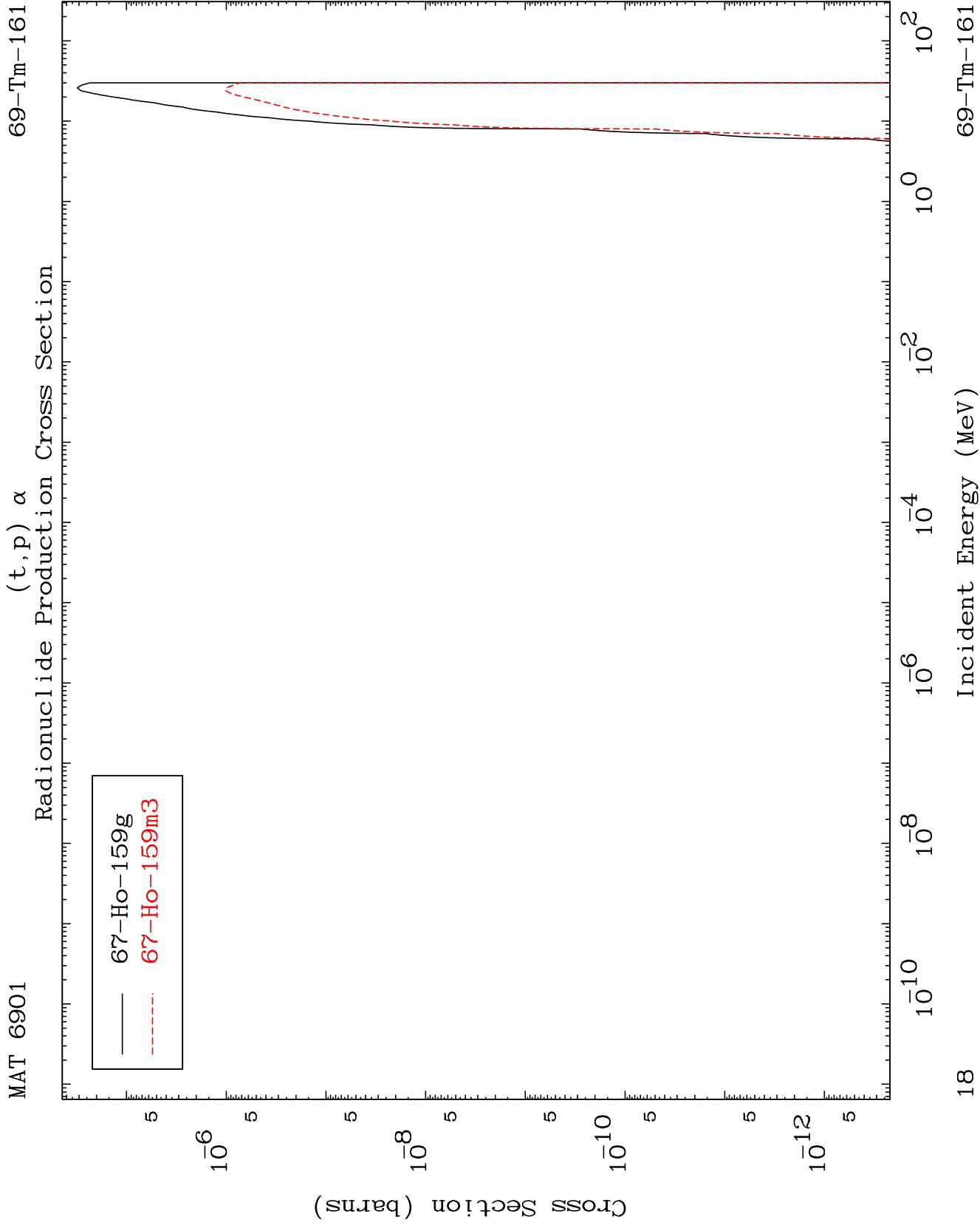
Incident Energy (MeV)











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69-Tm-161

(t,d) α
Radionuclide Production Cross Section

—	67-Ho-158g
- - -	67-Ho-158m1
- - -	67-Ho-158m7

 10^{-6} 10^{-8} 10^{-10} 10^{-12}

Cross Section (barns)

19

Incident Energy (MeV)

 10^0
 10^{-2}
 10^{-4}
 10^{-6}
 10^{-8}
 10^{-10}

69-Tm-161