

Program EVALPLOT  
(Version 2021-1)

by

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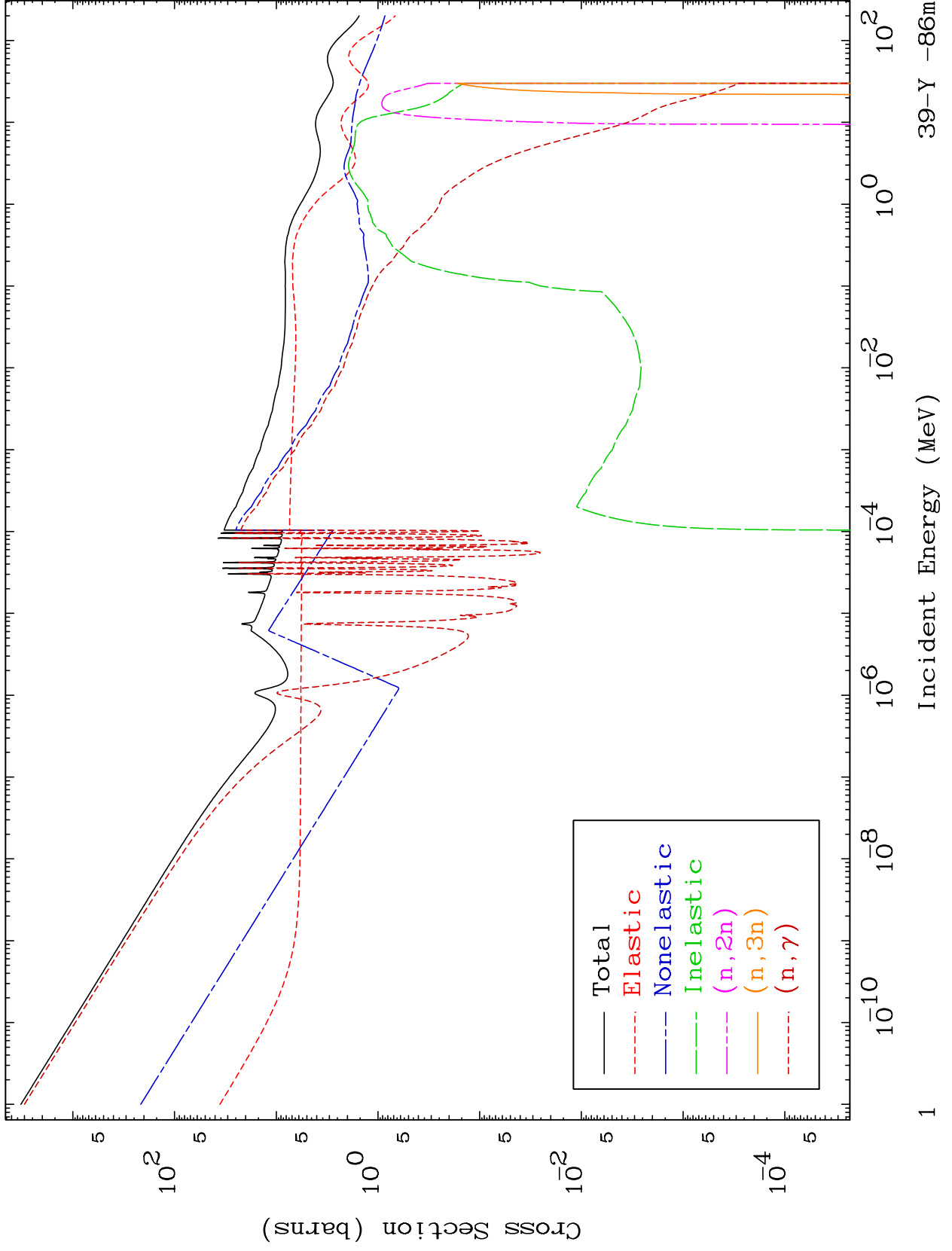
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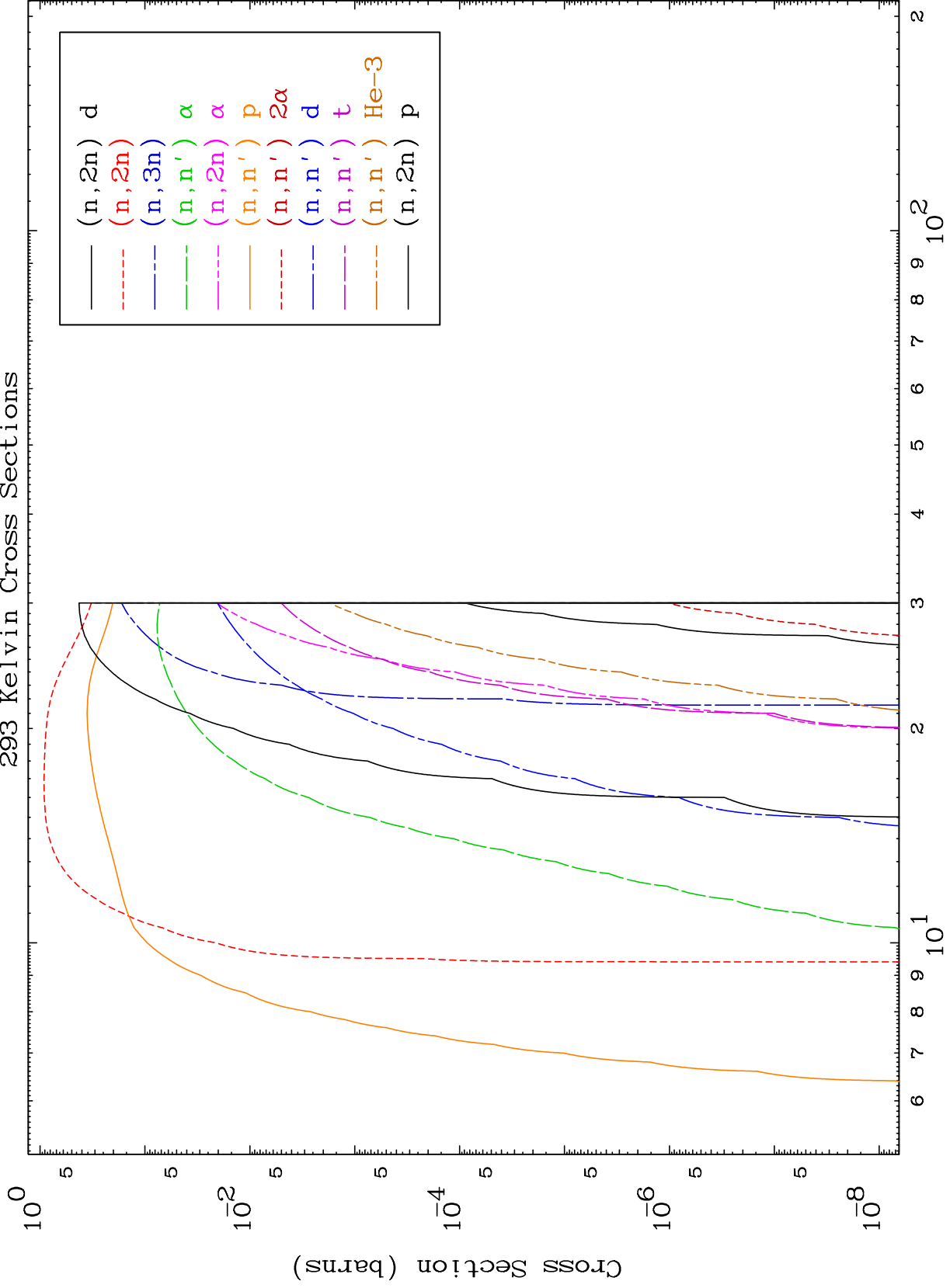
Press Mouse Button to Start

MAT 3917

Neutron Major  
293 Kelvin Cross Sections

39-Y -86m

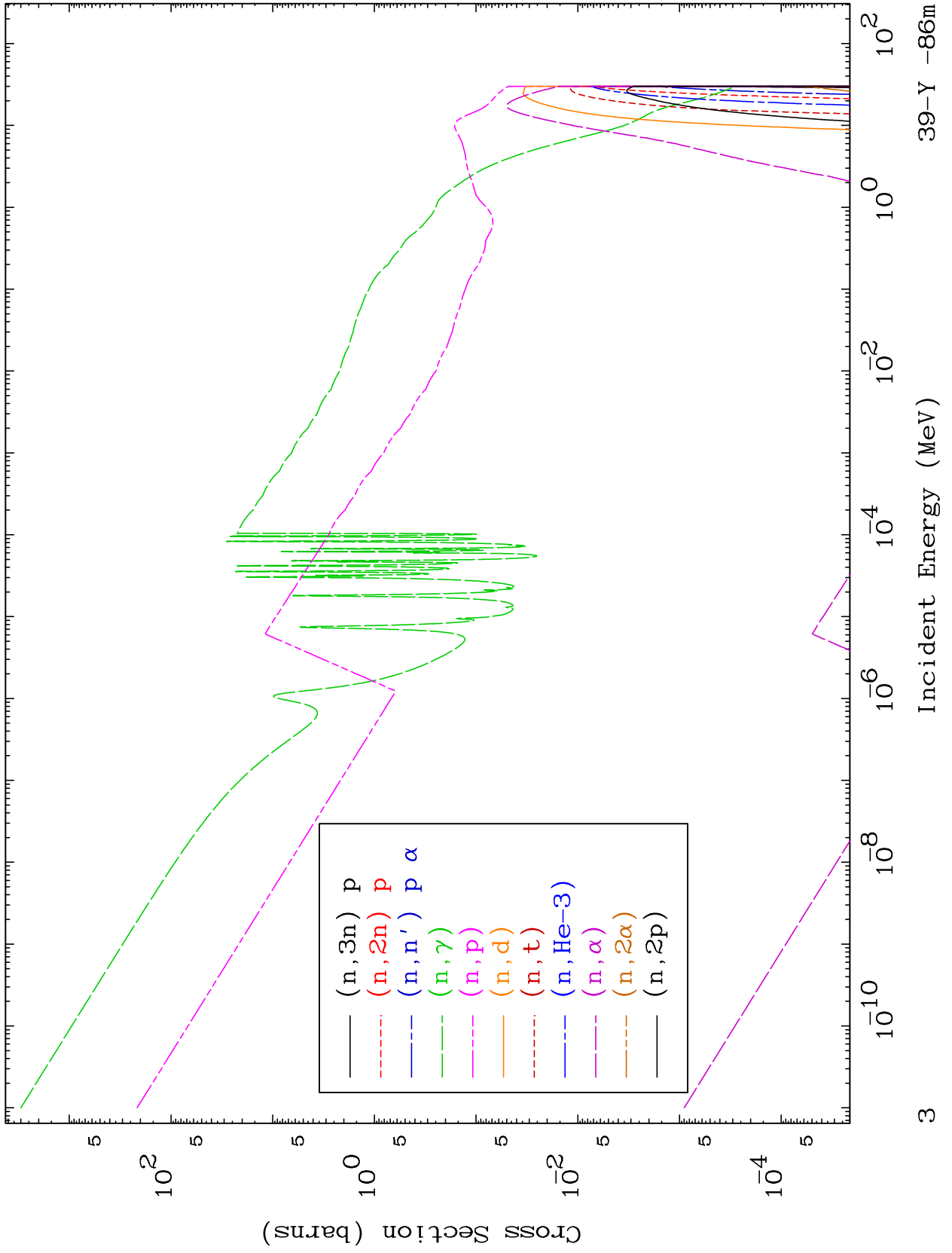


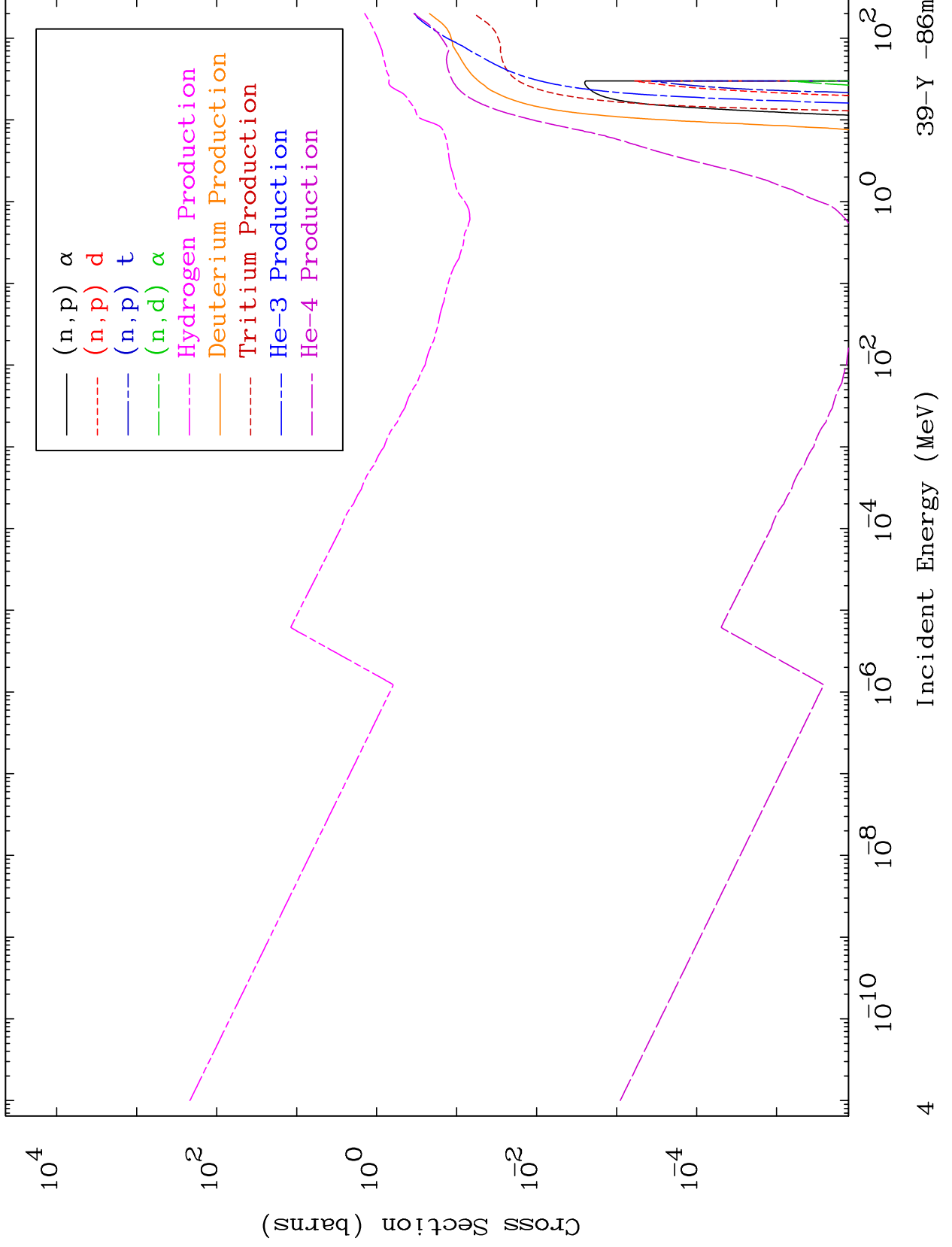


MAT 3917

Neutron Absorption  
293 Kelvin Cross Sections

39-Y -86m

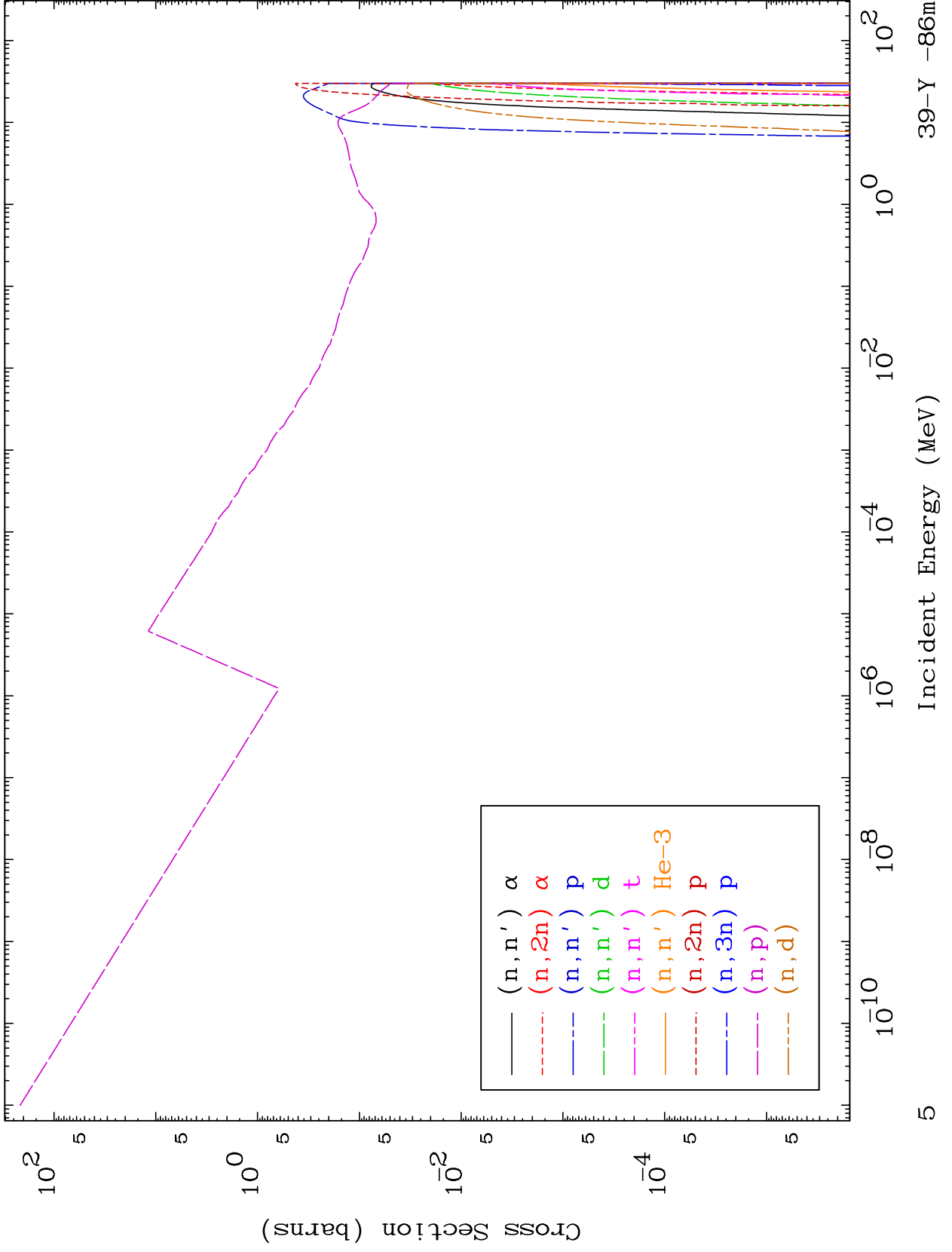




MAT 3917

Charged Particle  
293 Kelvin Cross Sections

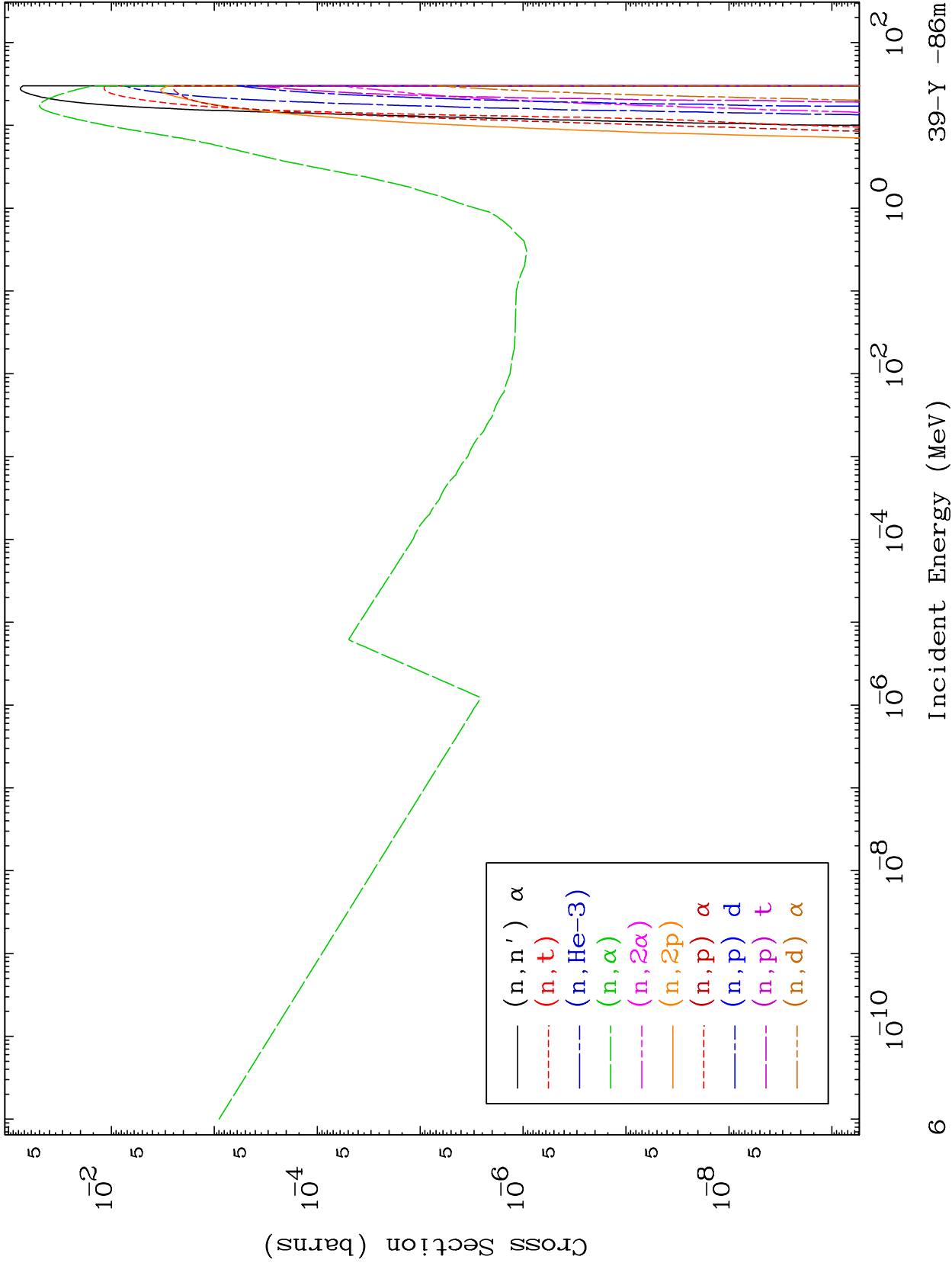
39-Y -86m



MAT 3917

Charged Particle  
293 Kelvin Cross Sections

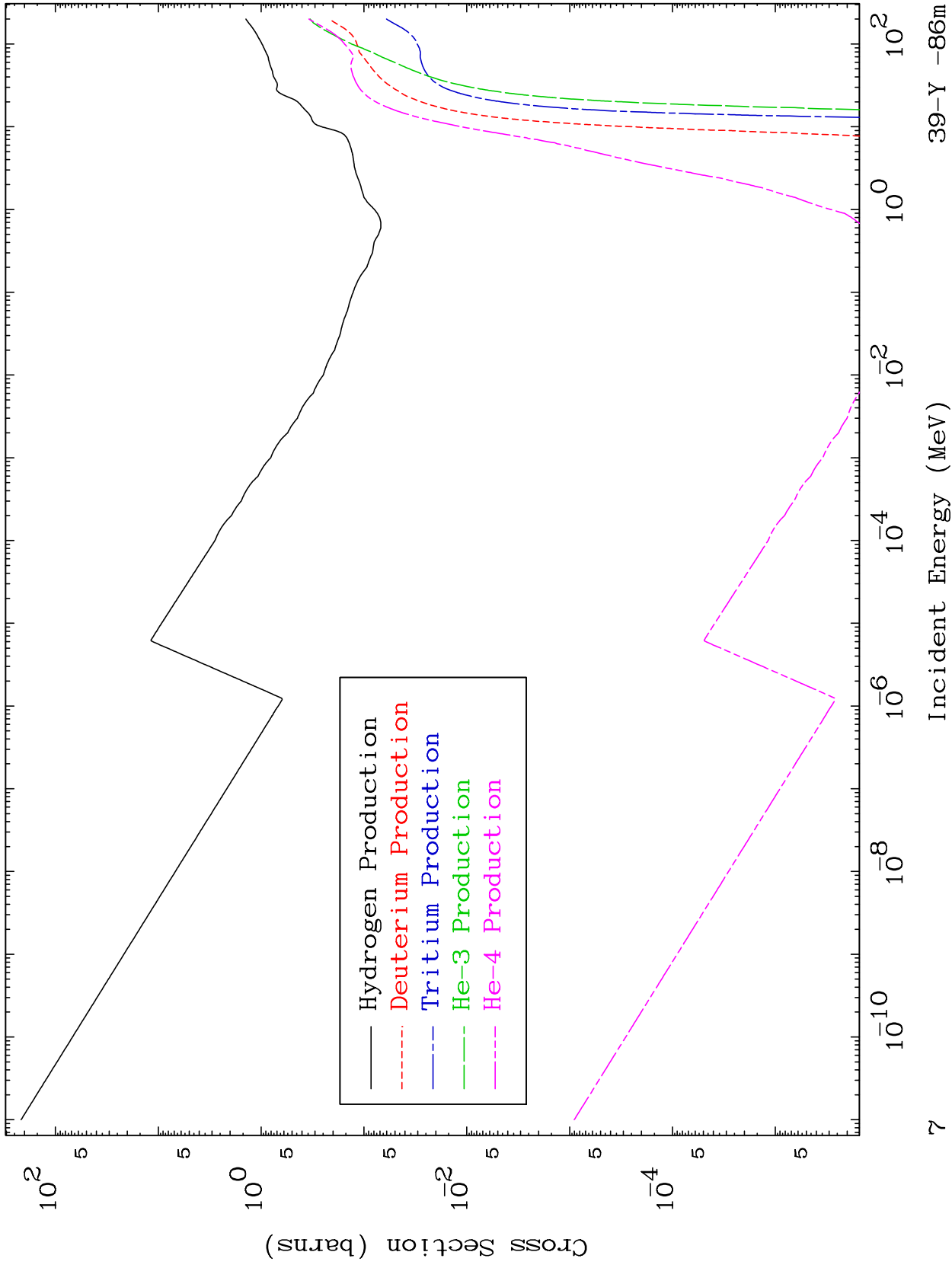
39-Y -86m



MAT 3917

Particle Production  
293 Kelvin Cross Sections

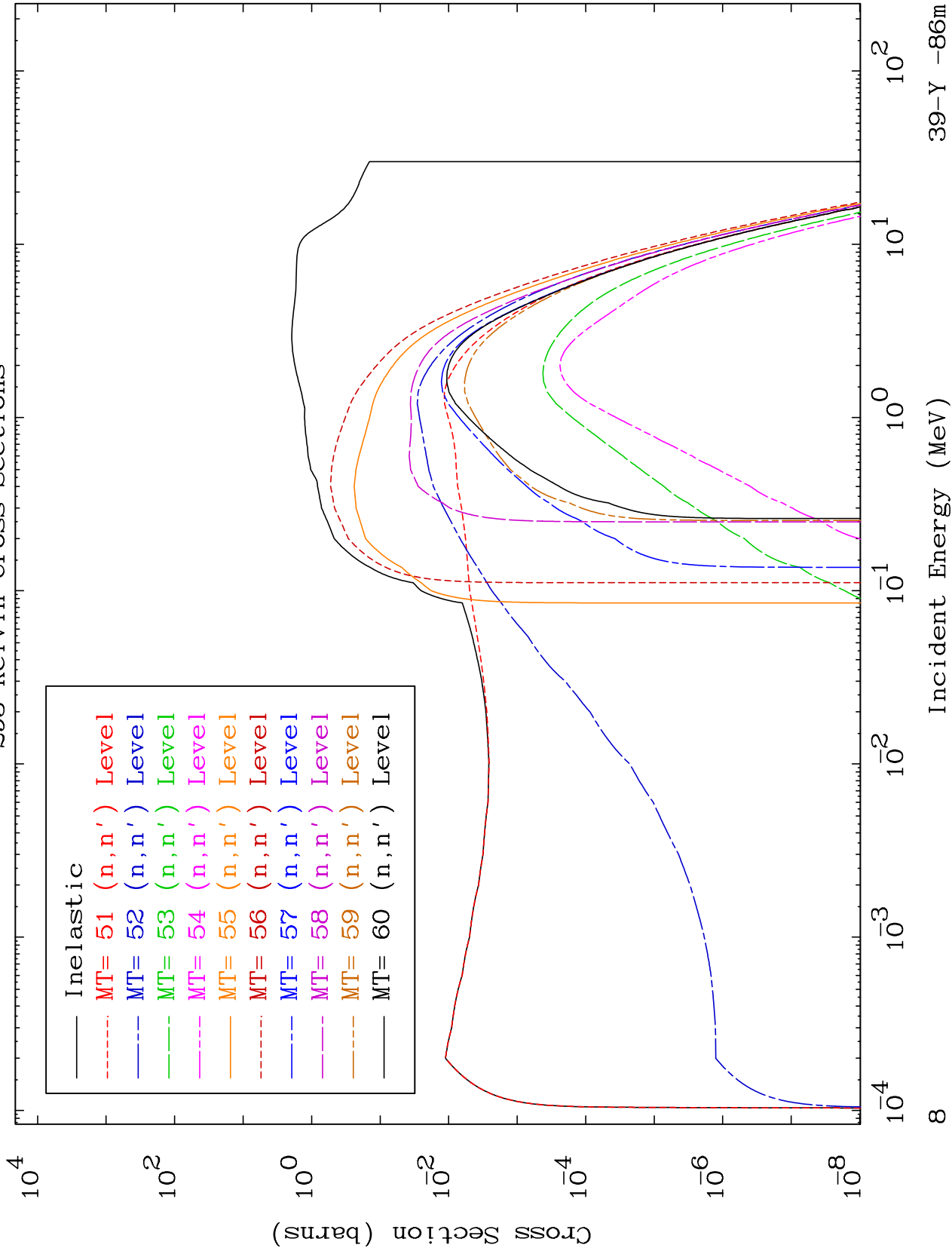
39-Y -86m



MAT 3917

(n,n') Levels  
293 Kelvin Cross Sections

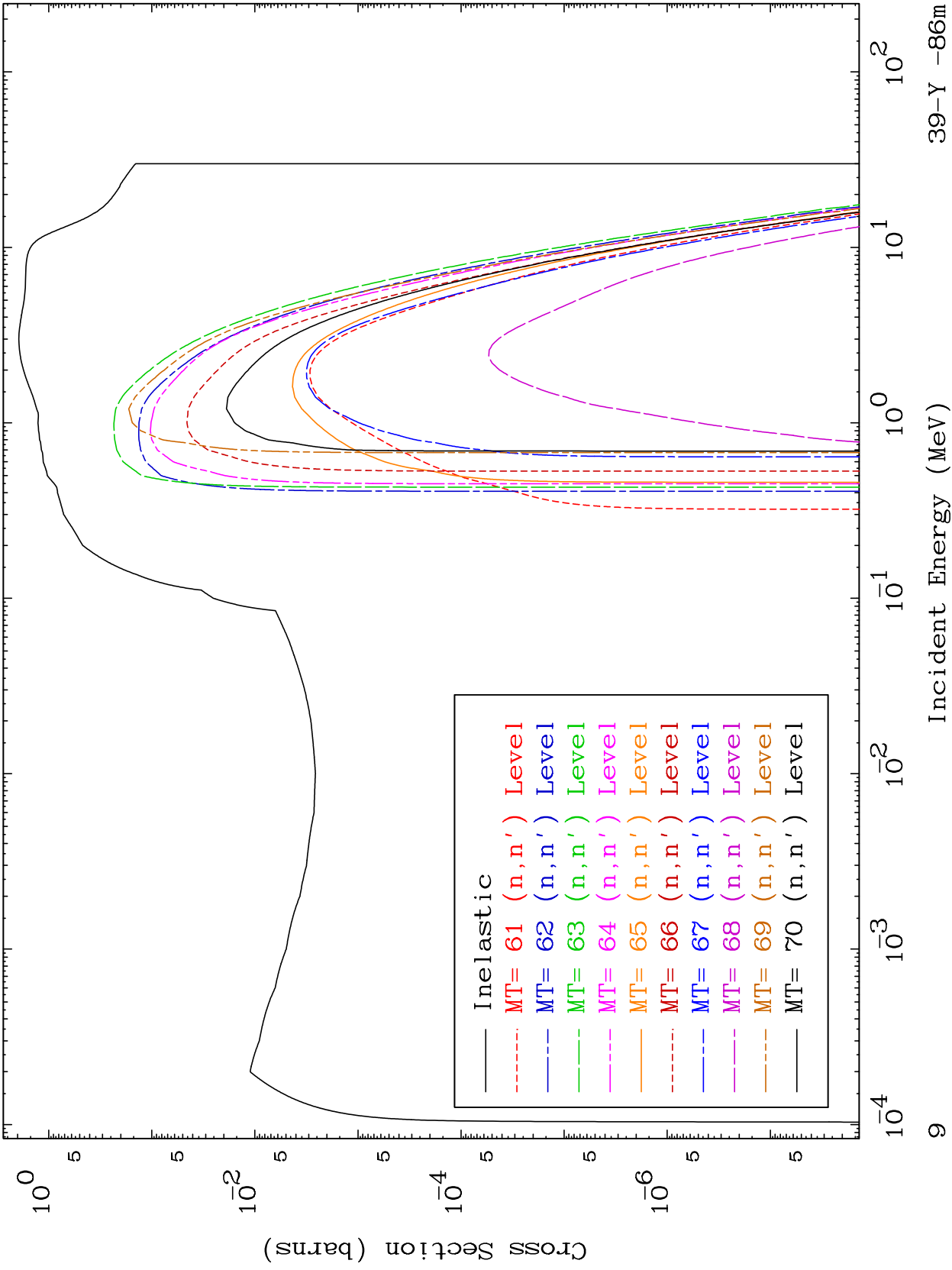
39-Y -86m



MAT 3917

(n,n') Levels  
293 Kelvin Cross Sections

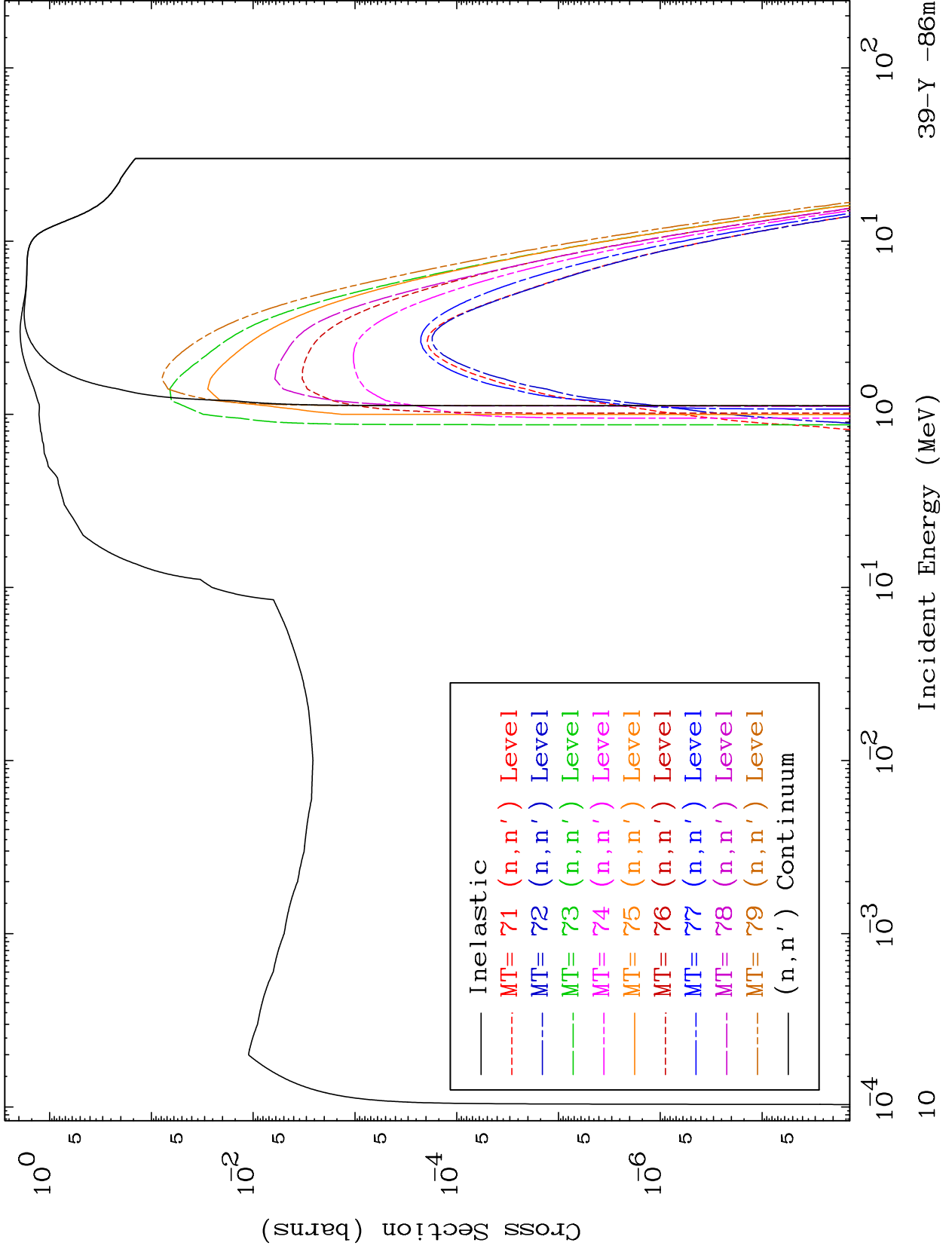
39-Y -86m



MAT 3917

(n,n') Levels  
293 Kelvin Cross Sections

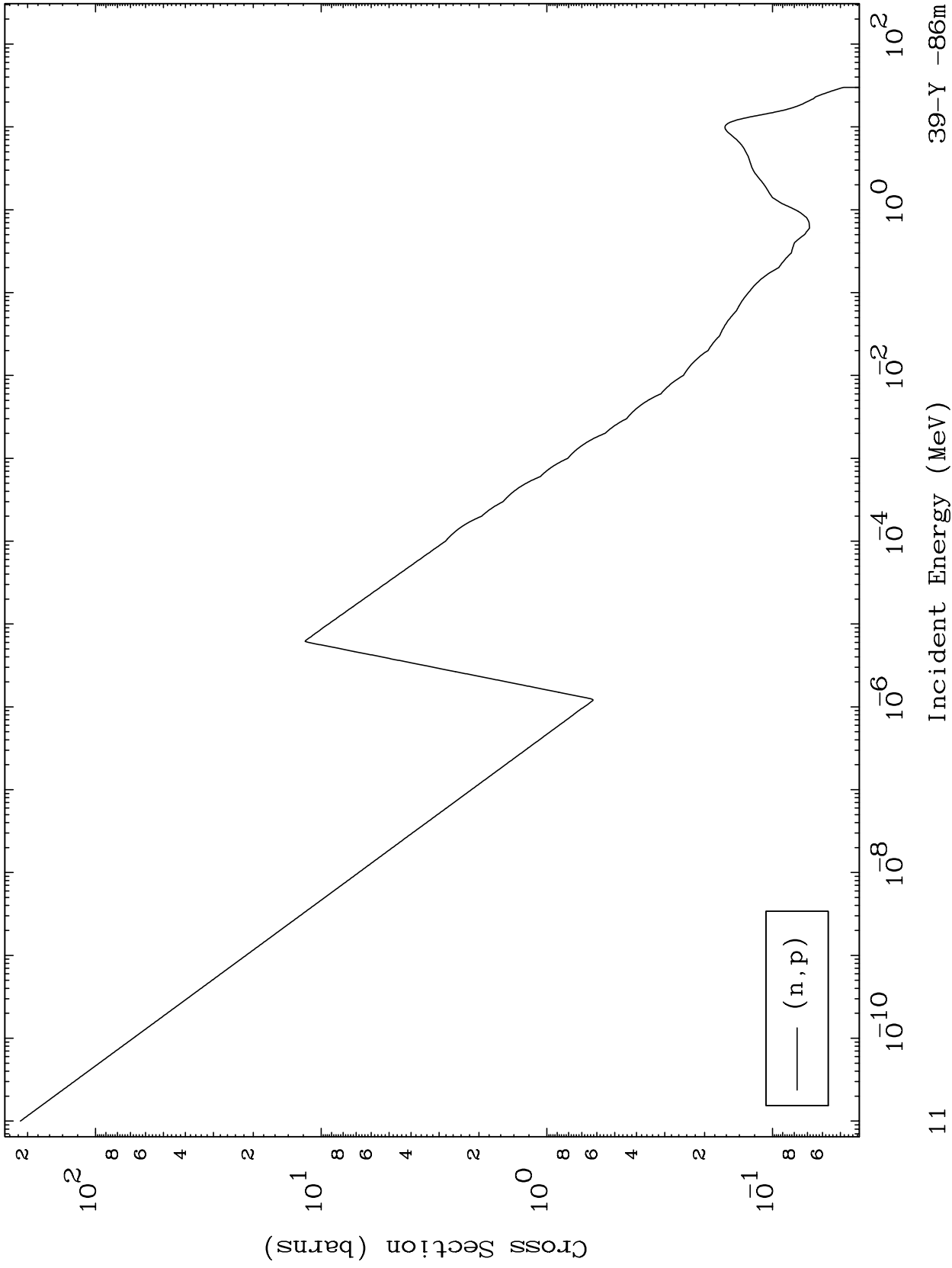
39-Y -86m



MAT 3917

(n,p) Levels  
293 Kelvin Cross Sections

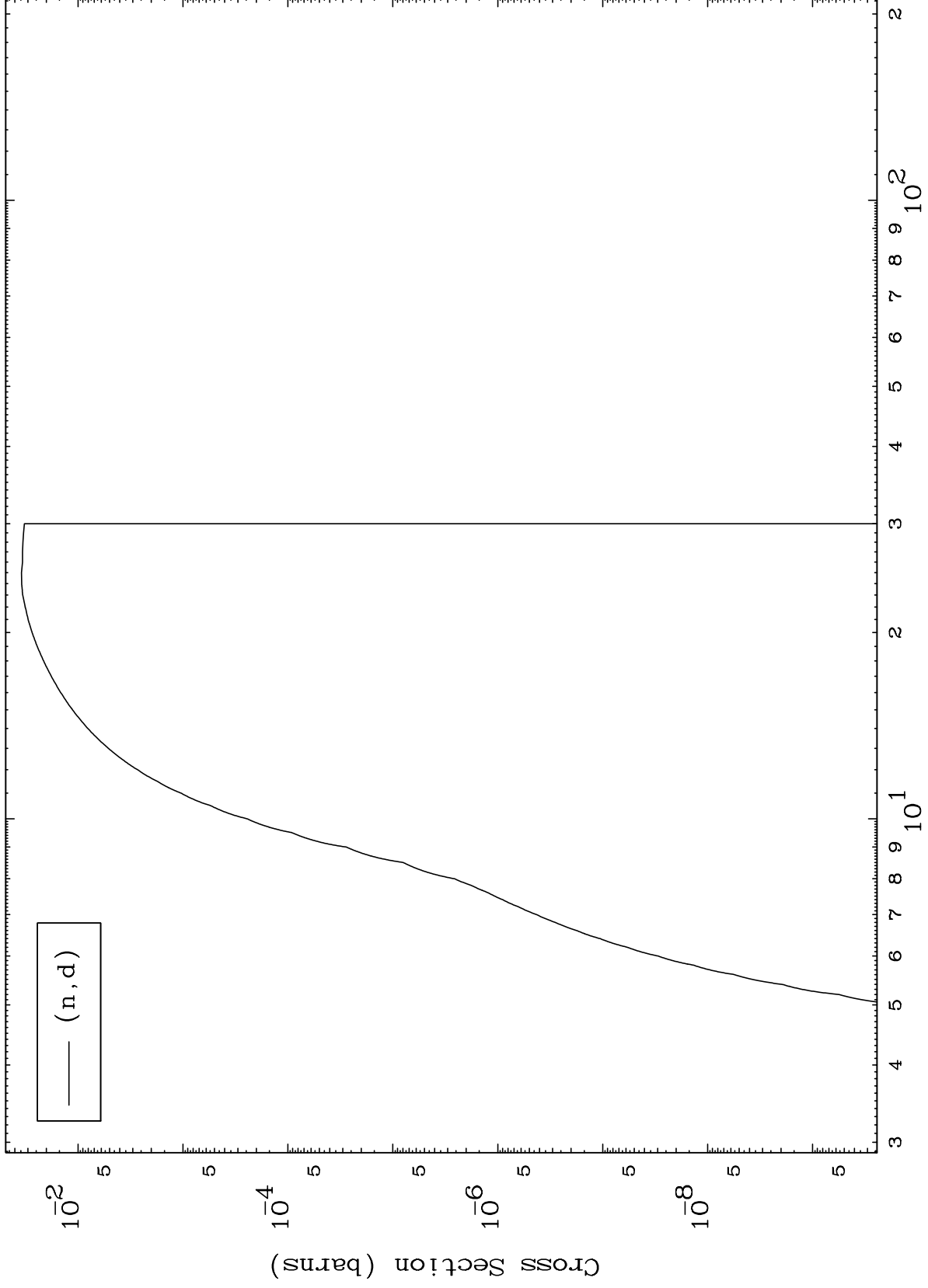
39-Y -86m



MAT 3917

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -86m



12

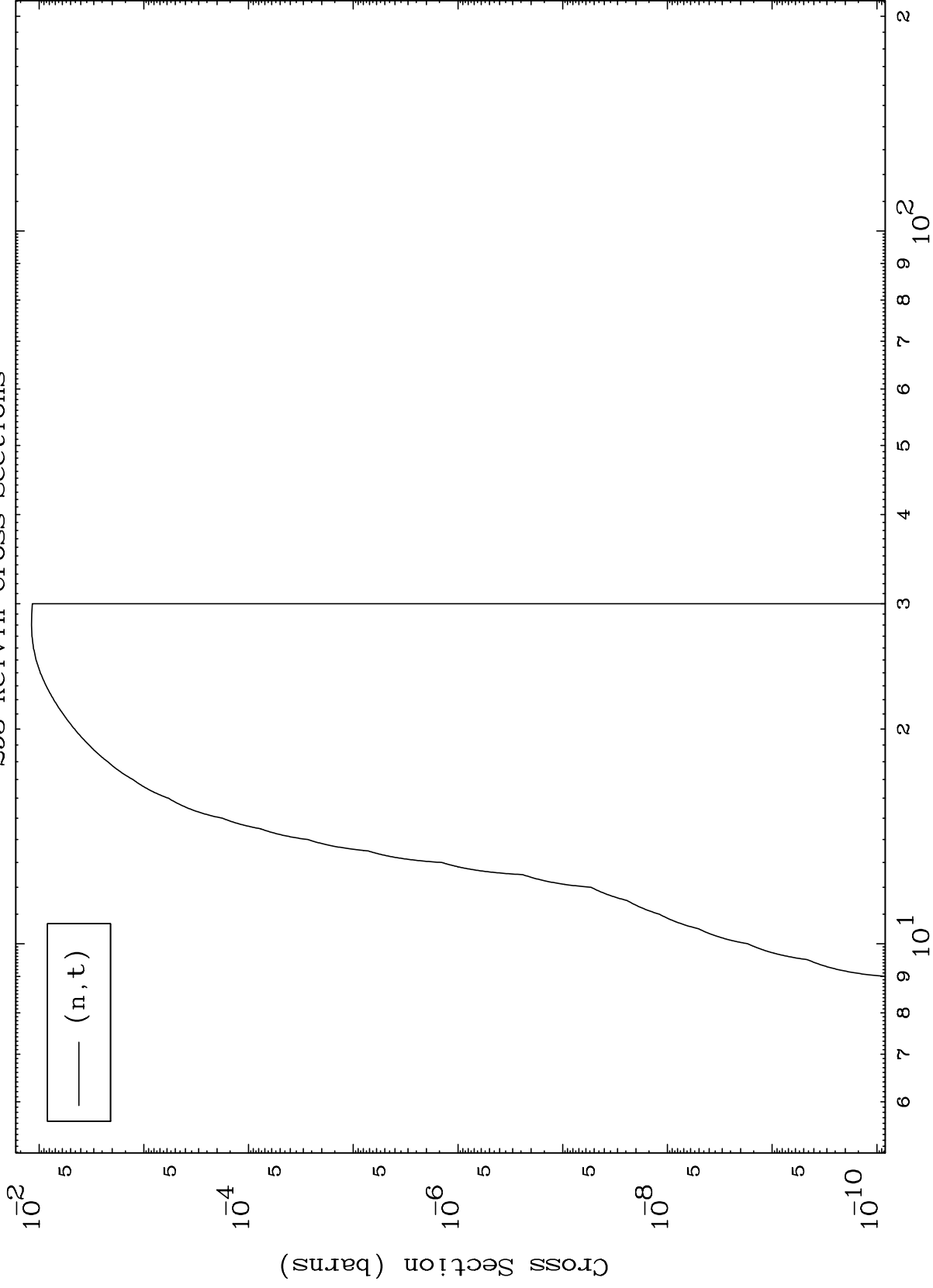
Incident Energy (MeV)

39-Y -86m

MAT 3917

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -86m



13

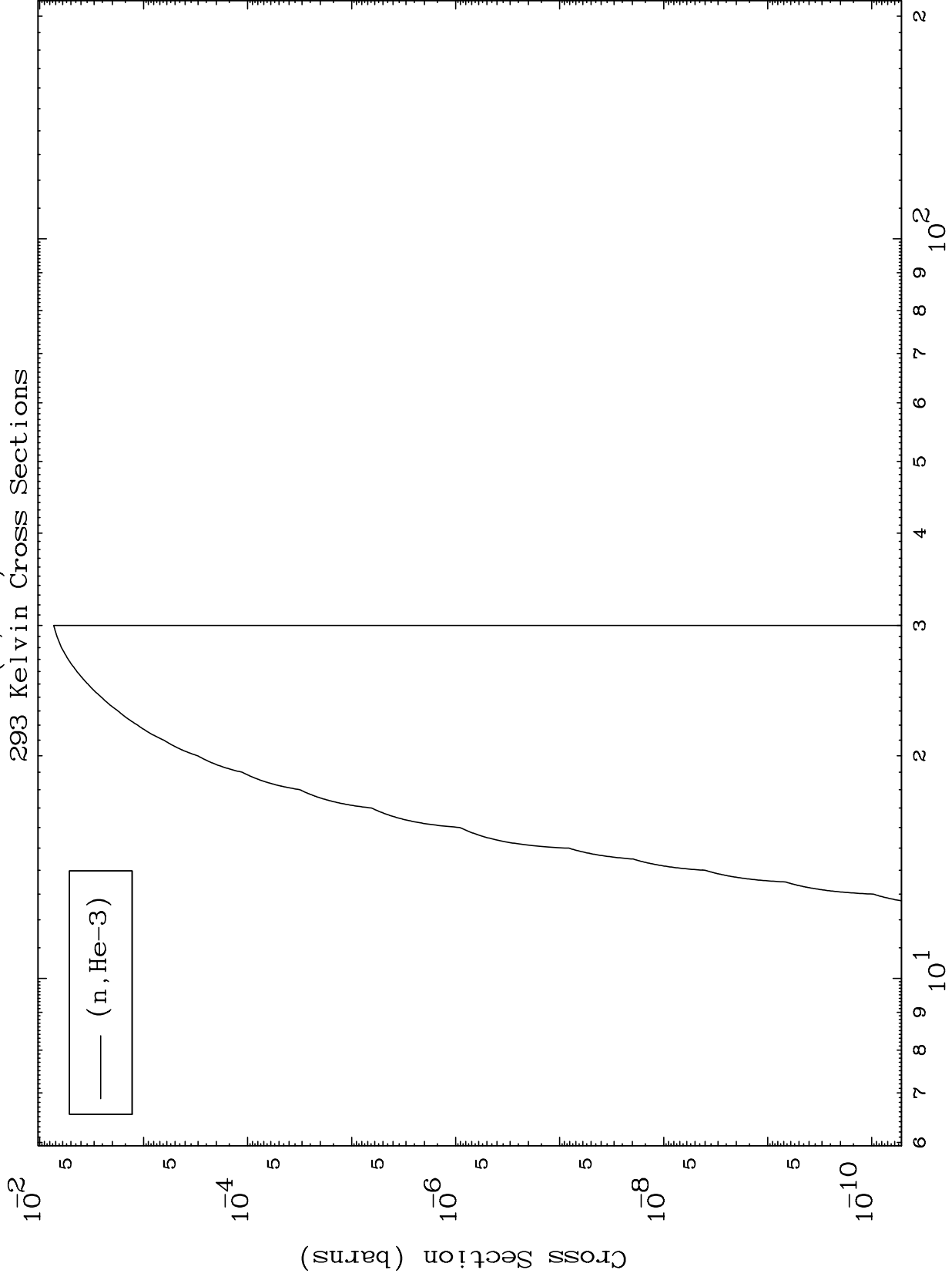
Incident Energy (MeV)

39-Y -86m

MAT 3917

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -86m



14

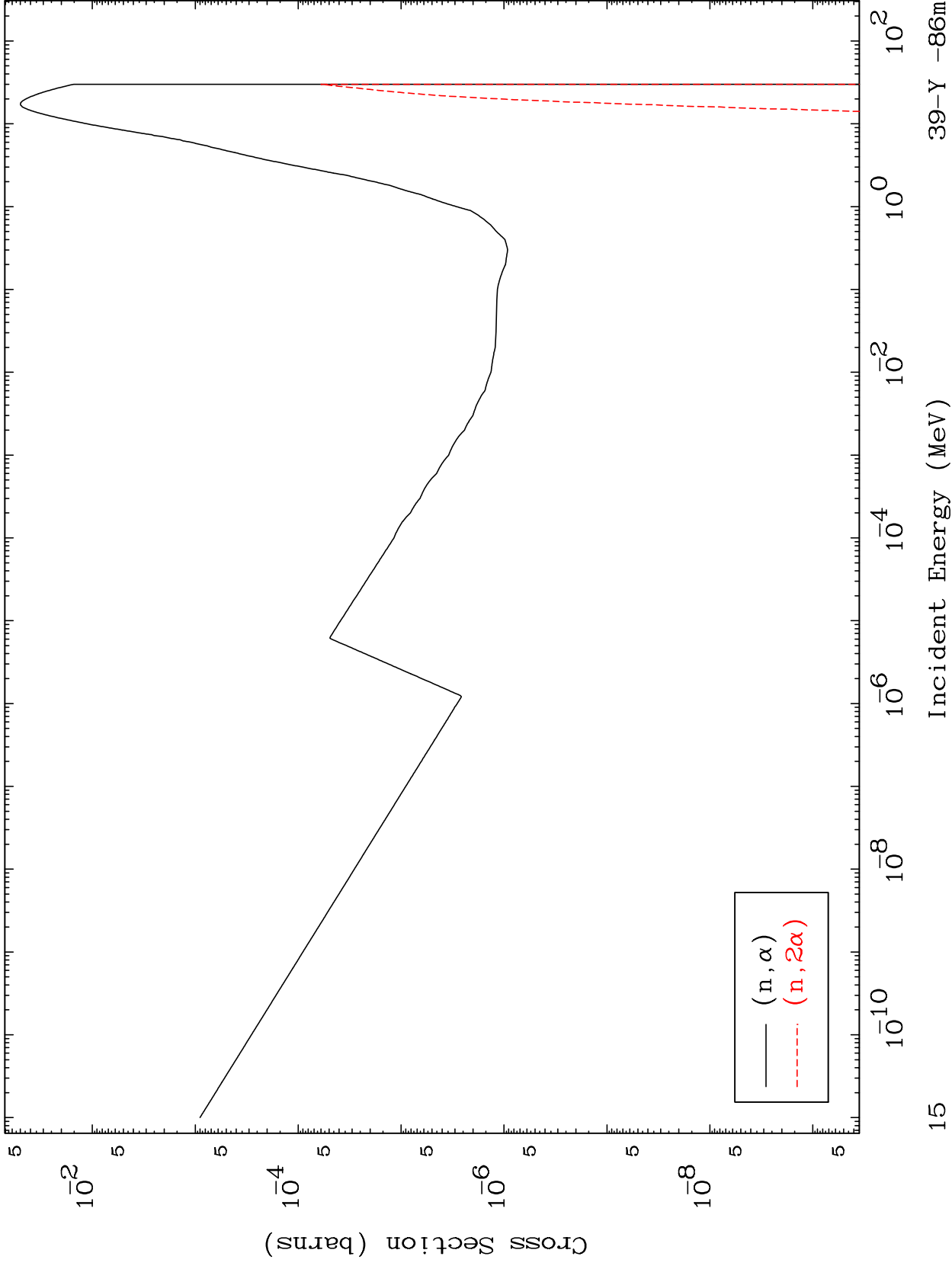
Incident Energy (MeV)

39-Y -86m

MAT 3917

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -86m



15

Incident Energy (MeV)

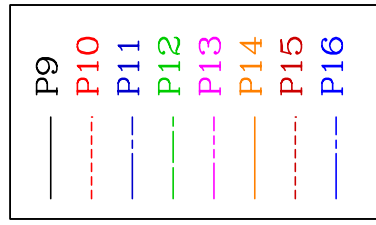
39-Y -86m



MAT 3917

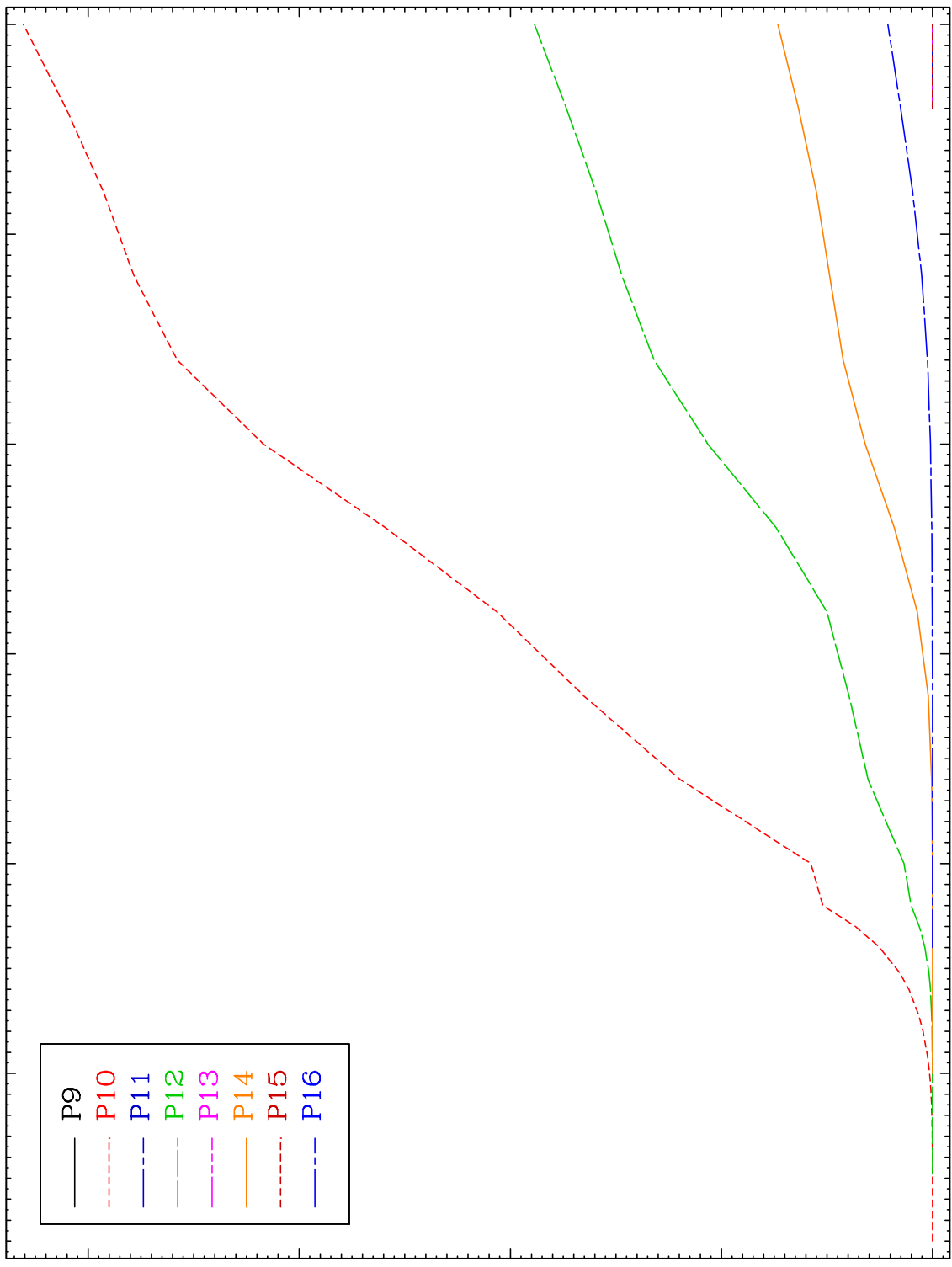
Elastic Legendre Coefficients

39-Y -86m



$\times 10^{-4}$

Legendre (CM)



17

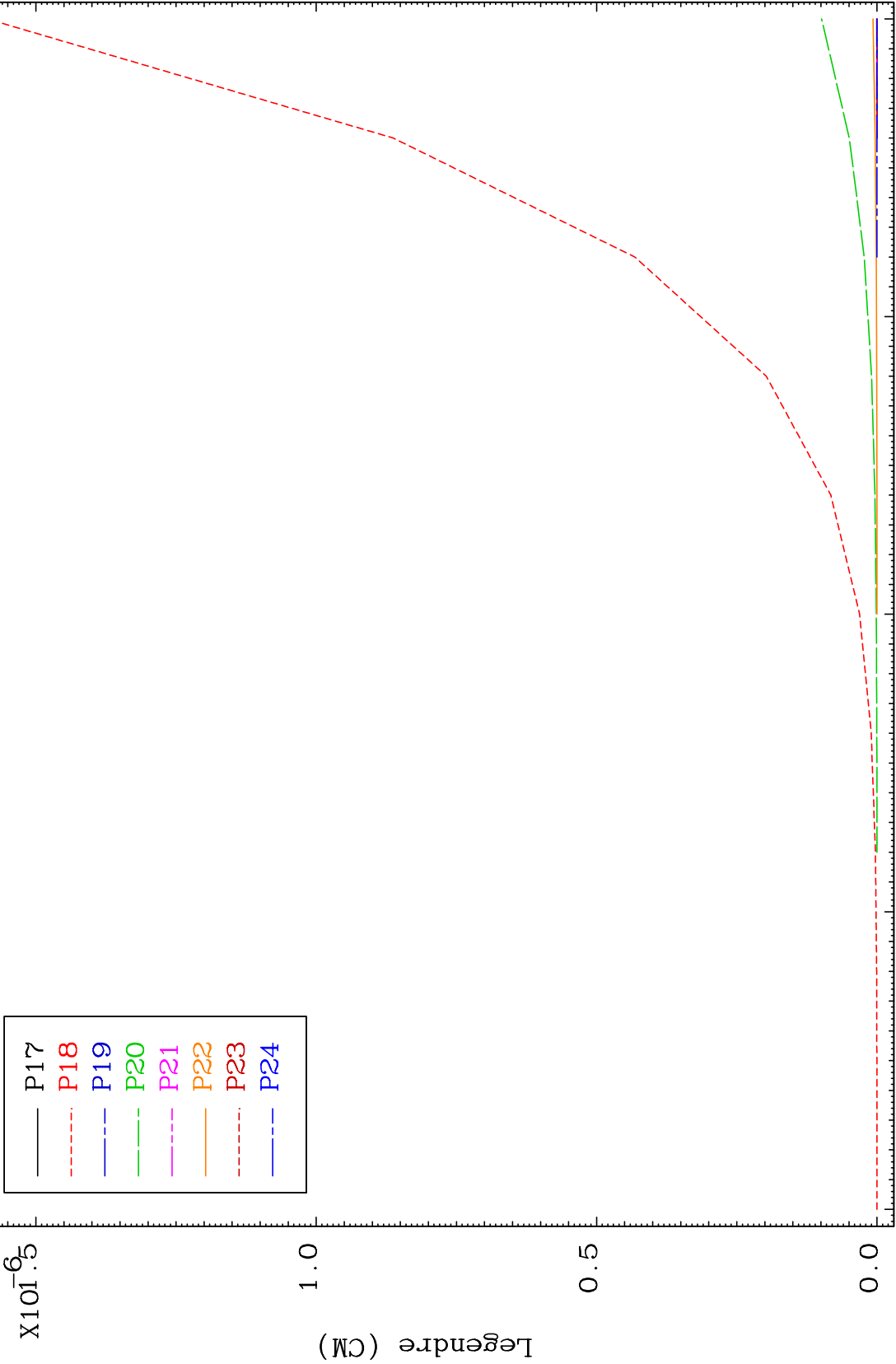
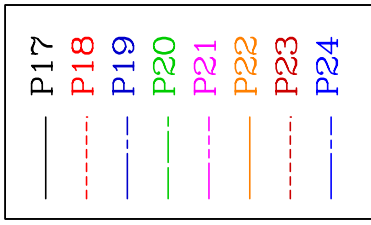
Incident Energy (MeV)

39-Y -86m

MAT 3917

Elastic Legendre Coefficients

39-Y -86m



18

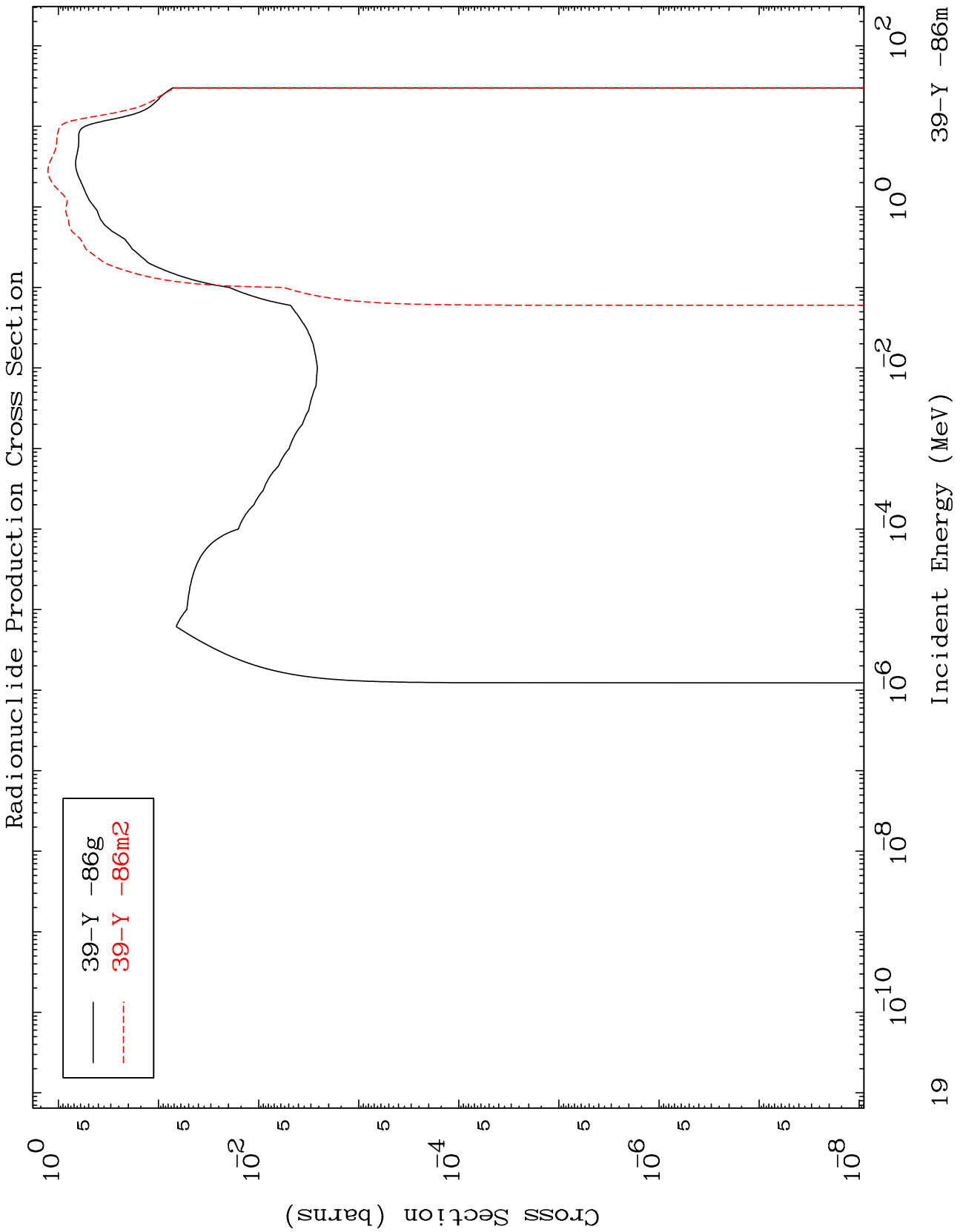
Incident Energy (MeV)

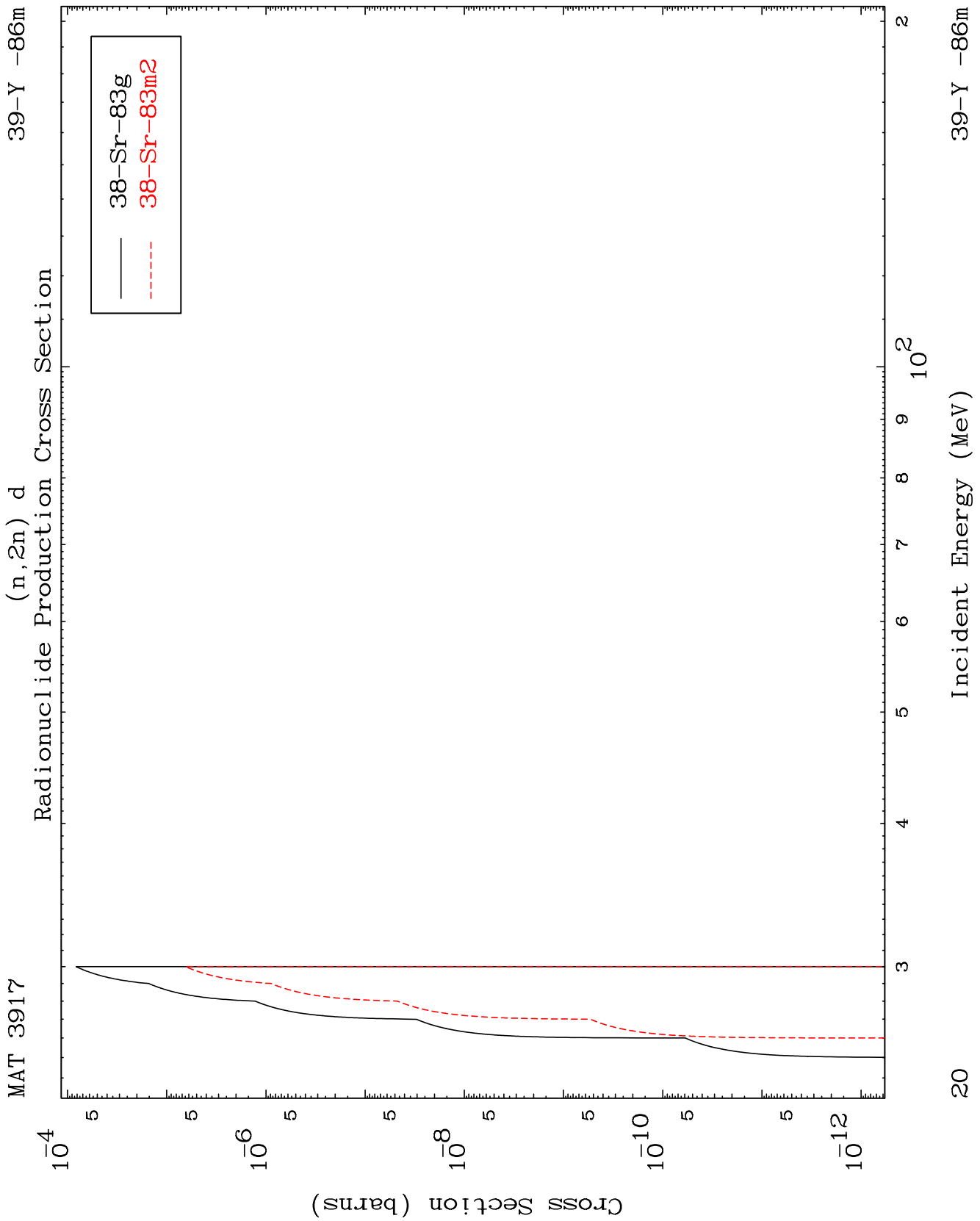
39-Y -86m

MAT 3917

Inelastic

39-Y -86m

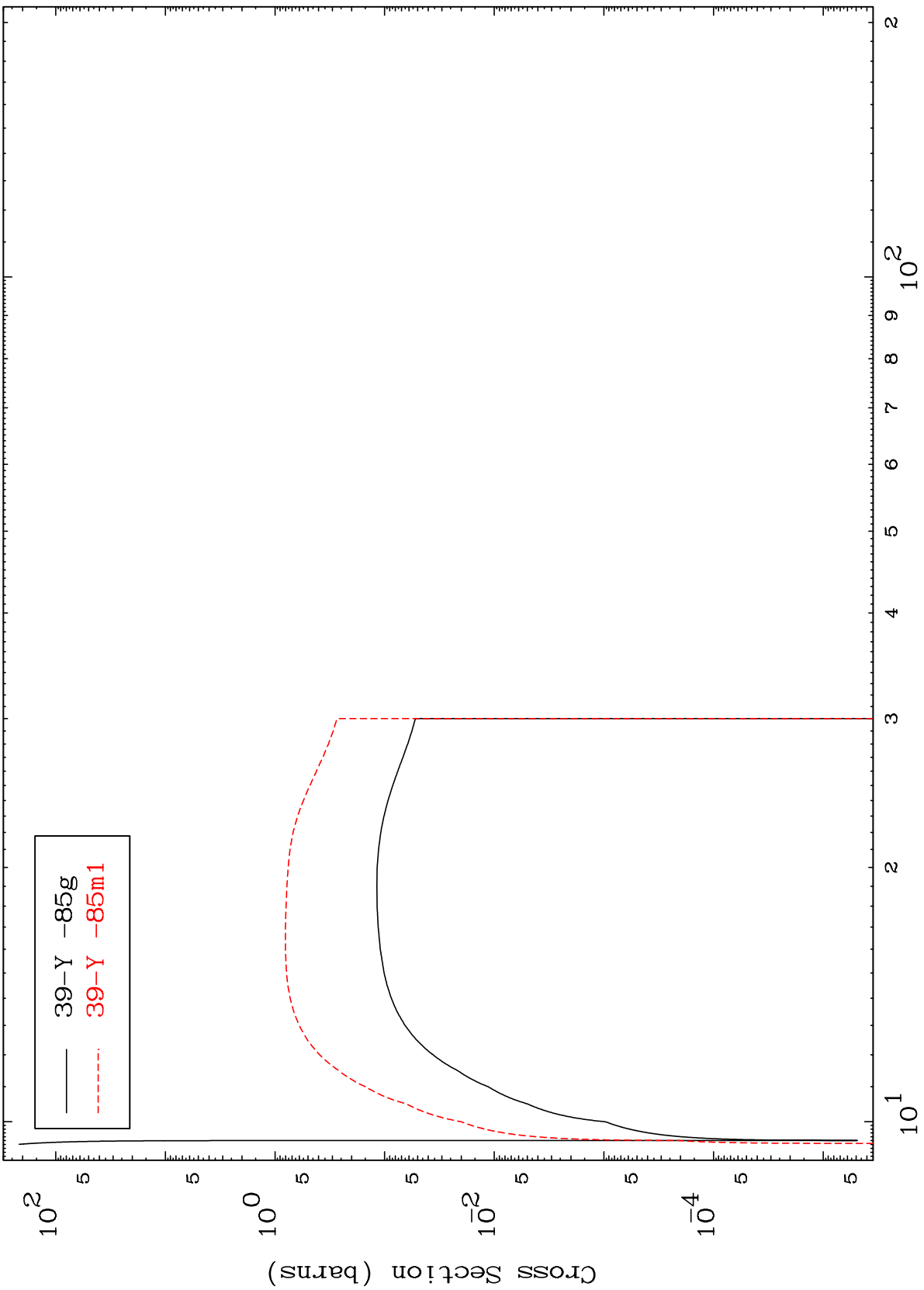




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39-Y -86m

Radionuclide Production Cross Section



21

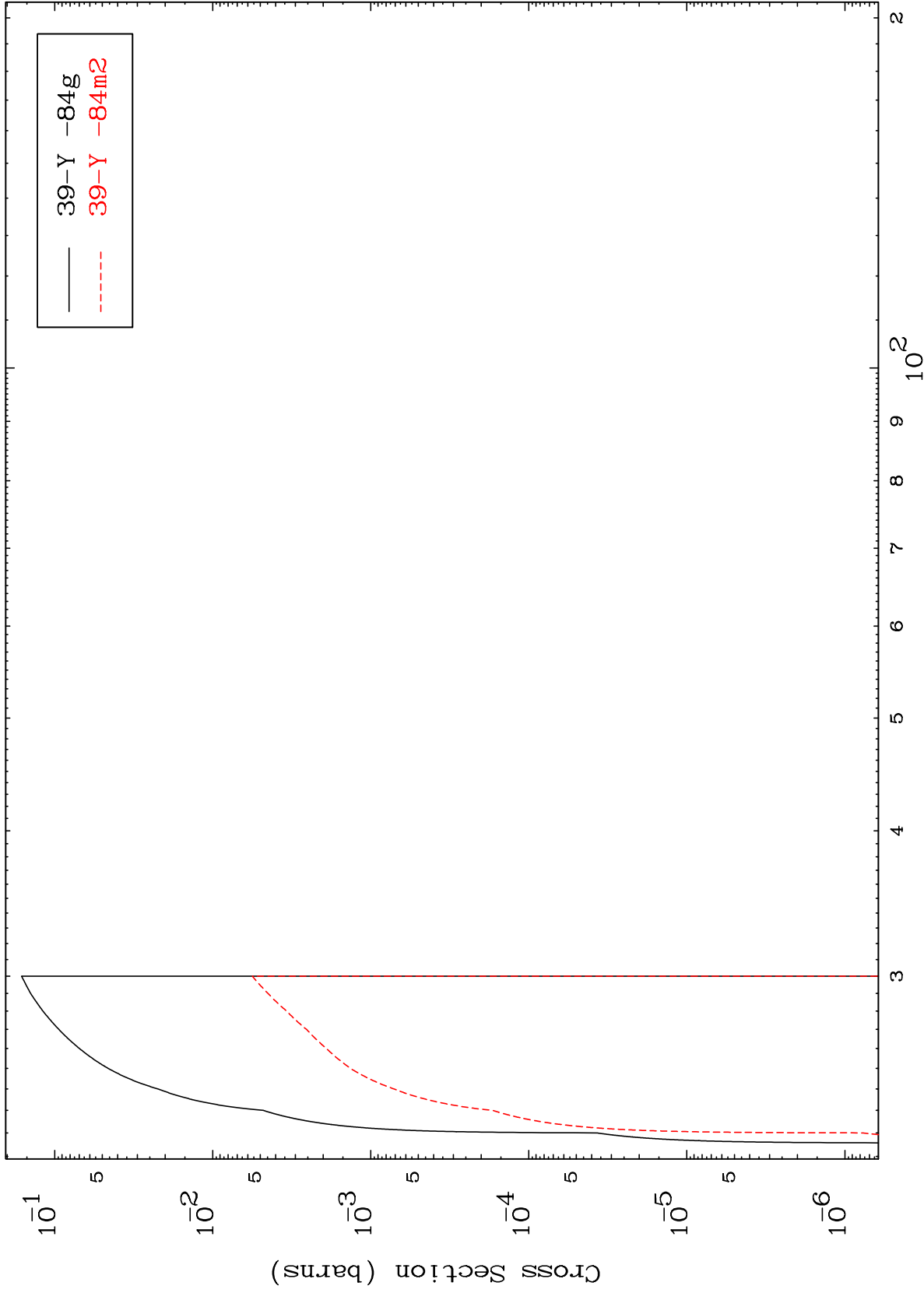
39-Y -86m

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(n,3n)

39-Y -86m

Radionuclide Production Cross Section



22

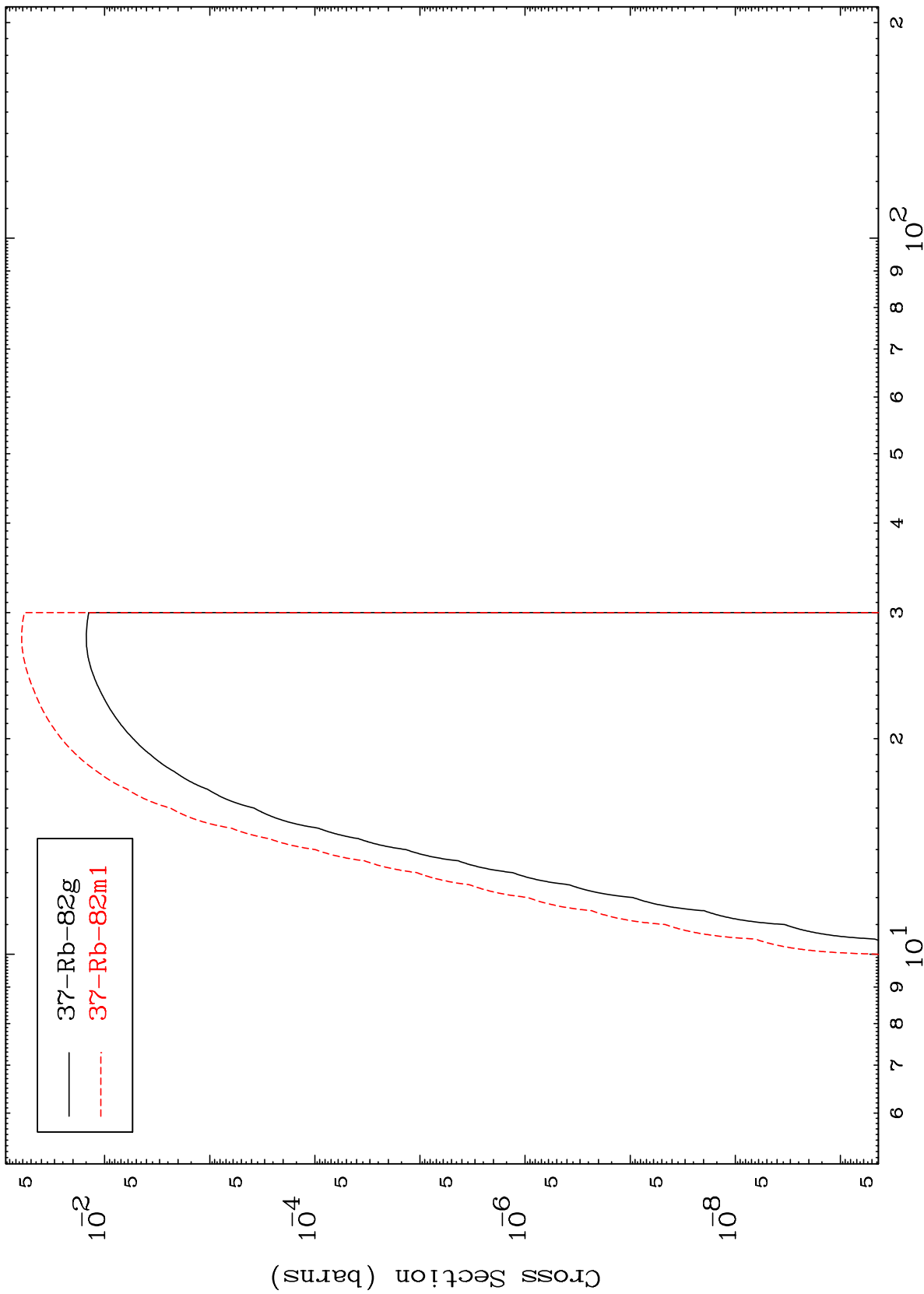
Incident Energy (MeV)

39-Y -86m

MAT 3917

39-Y -86m

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



39-Y -86m

Incident Energy (MeV)

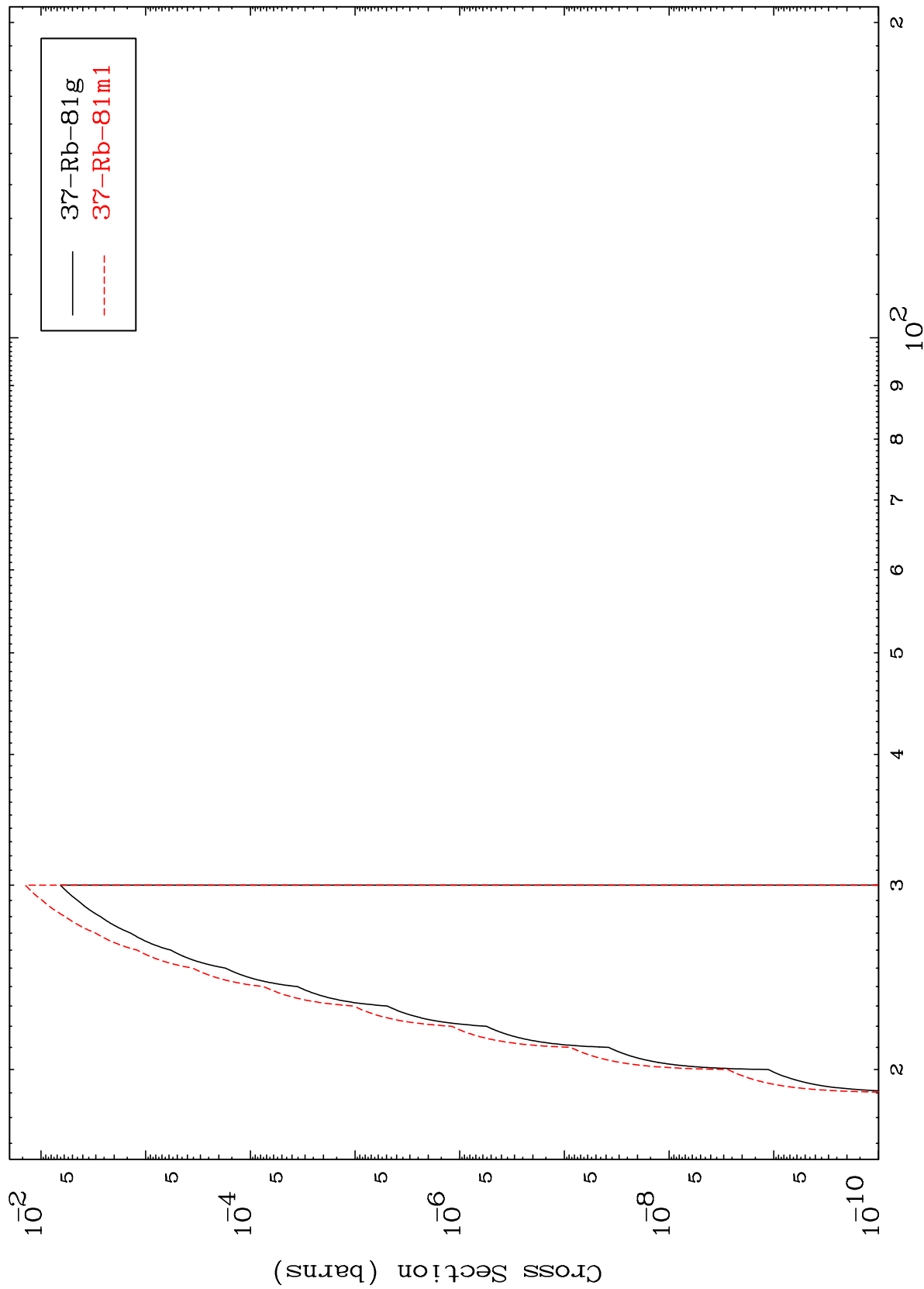
23

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(n,2n)  $\alpha$

39-Y -86m

Radionuclide Production Cross Section

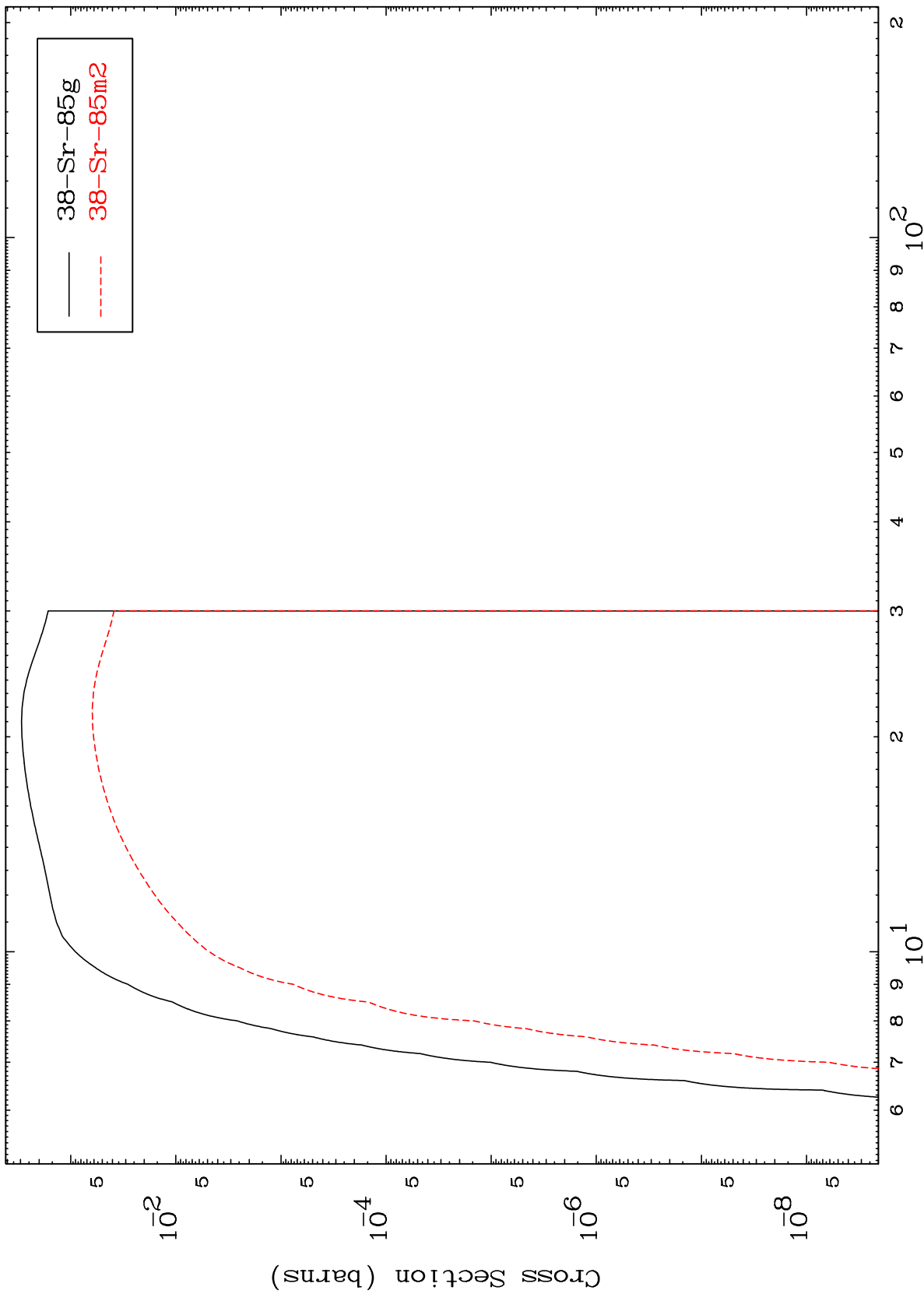


24

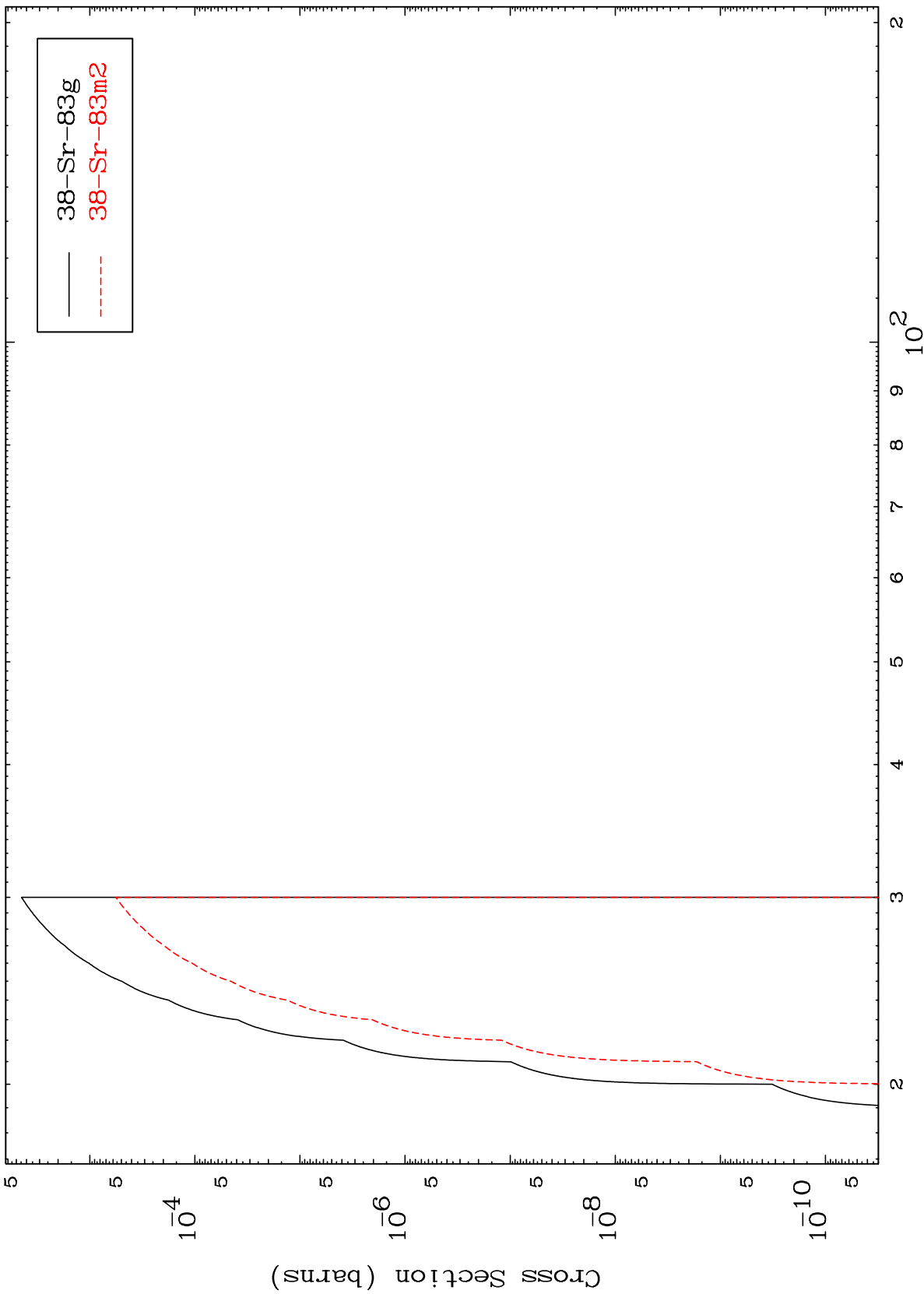
Incident Energy (MeV)

39-Y -86m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

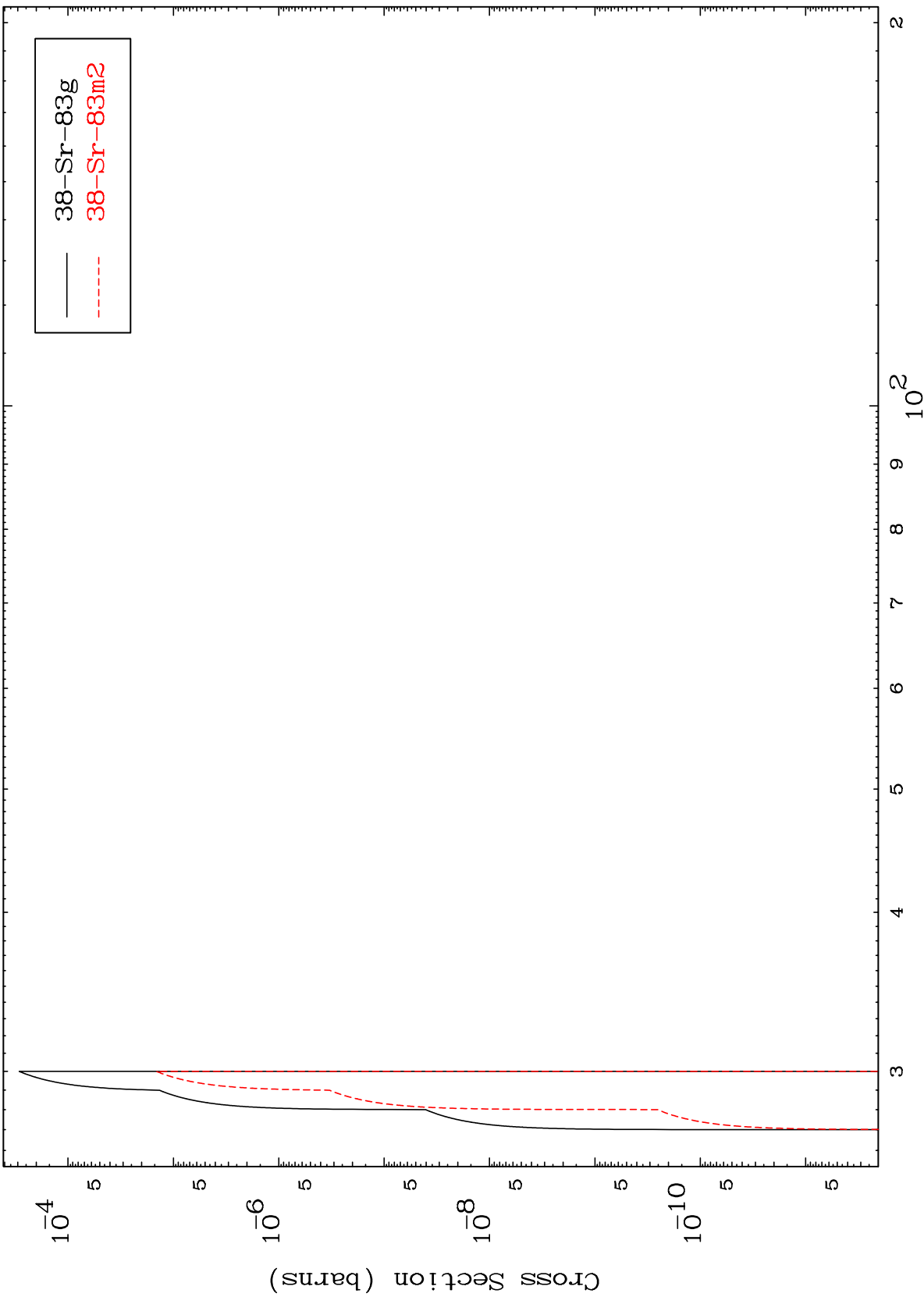


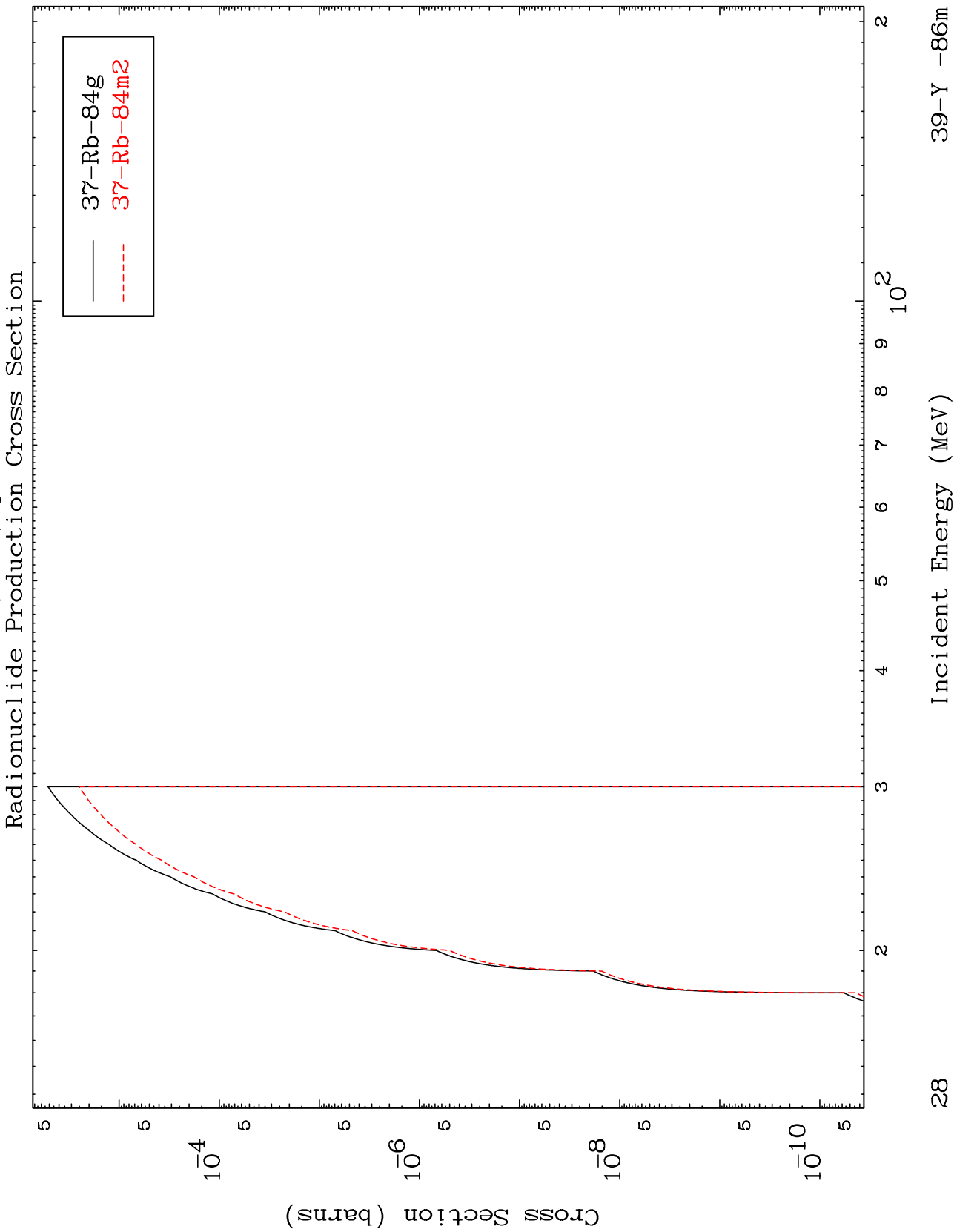
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(n,3n) p

39-Y -86m

Radionuclide Production Cross Section



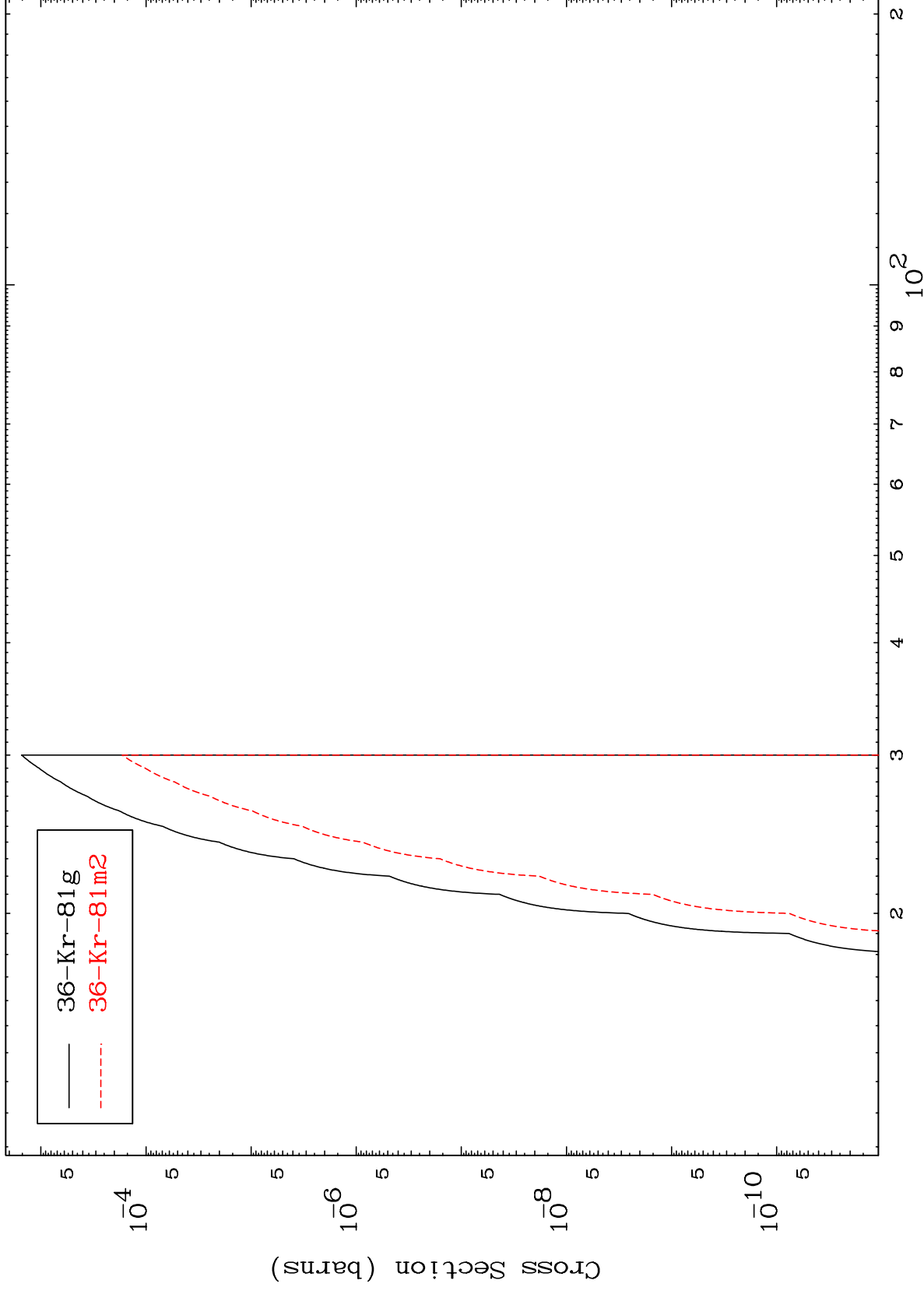


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(n,n') p  $\alpha$

39-Y -86m

Radionuclide Production Cross Section



Incident Energy (MeV)

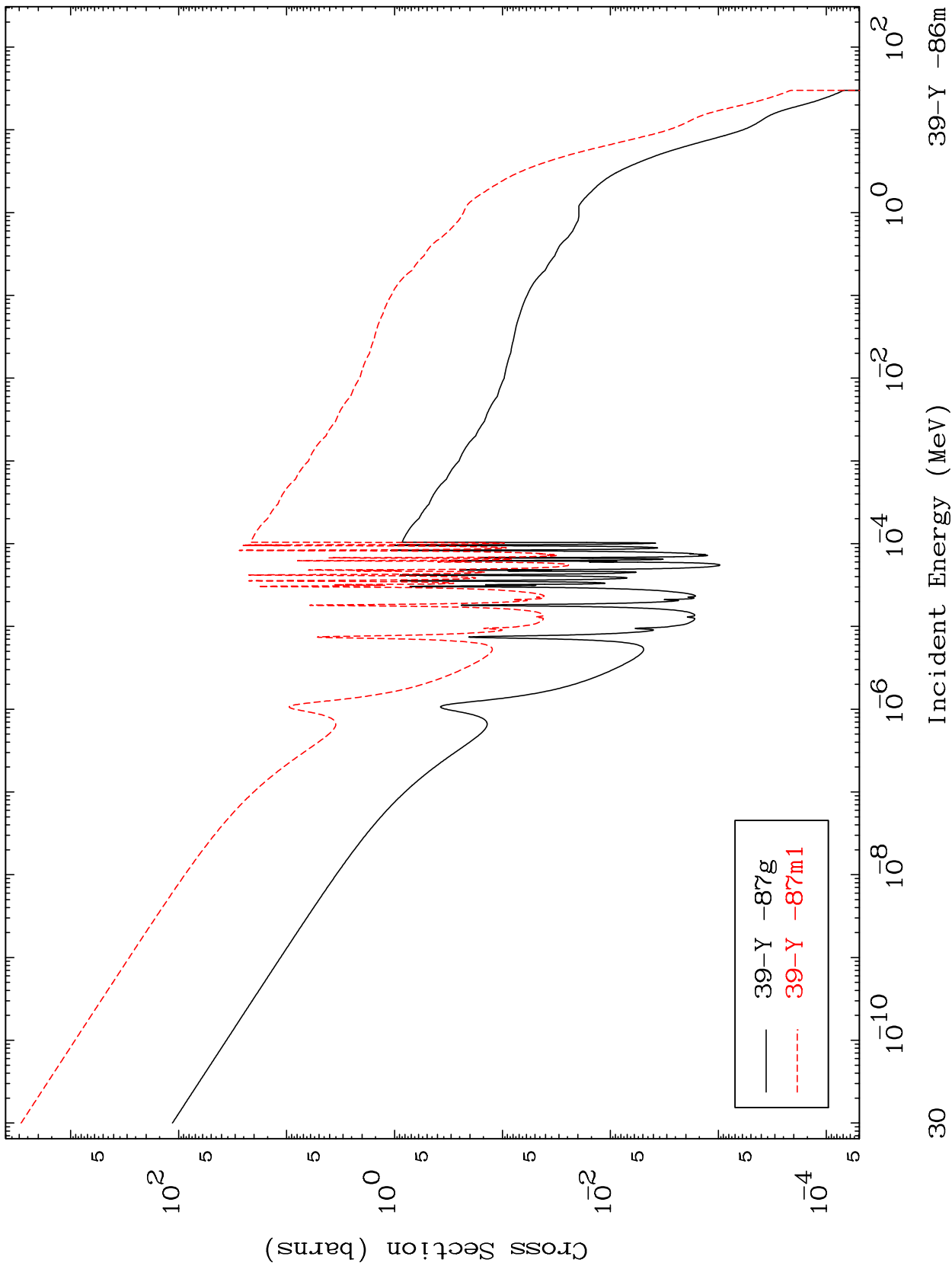
39-Y -86m

29

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39-Y -86m

(n,γ)  
Radionuclide Production Cross Section



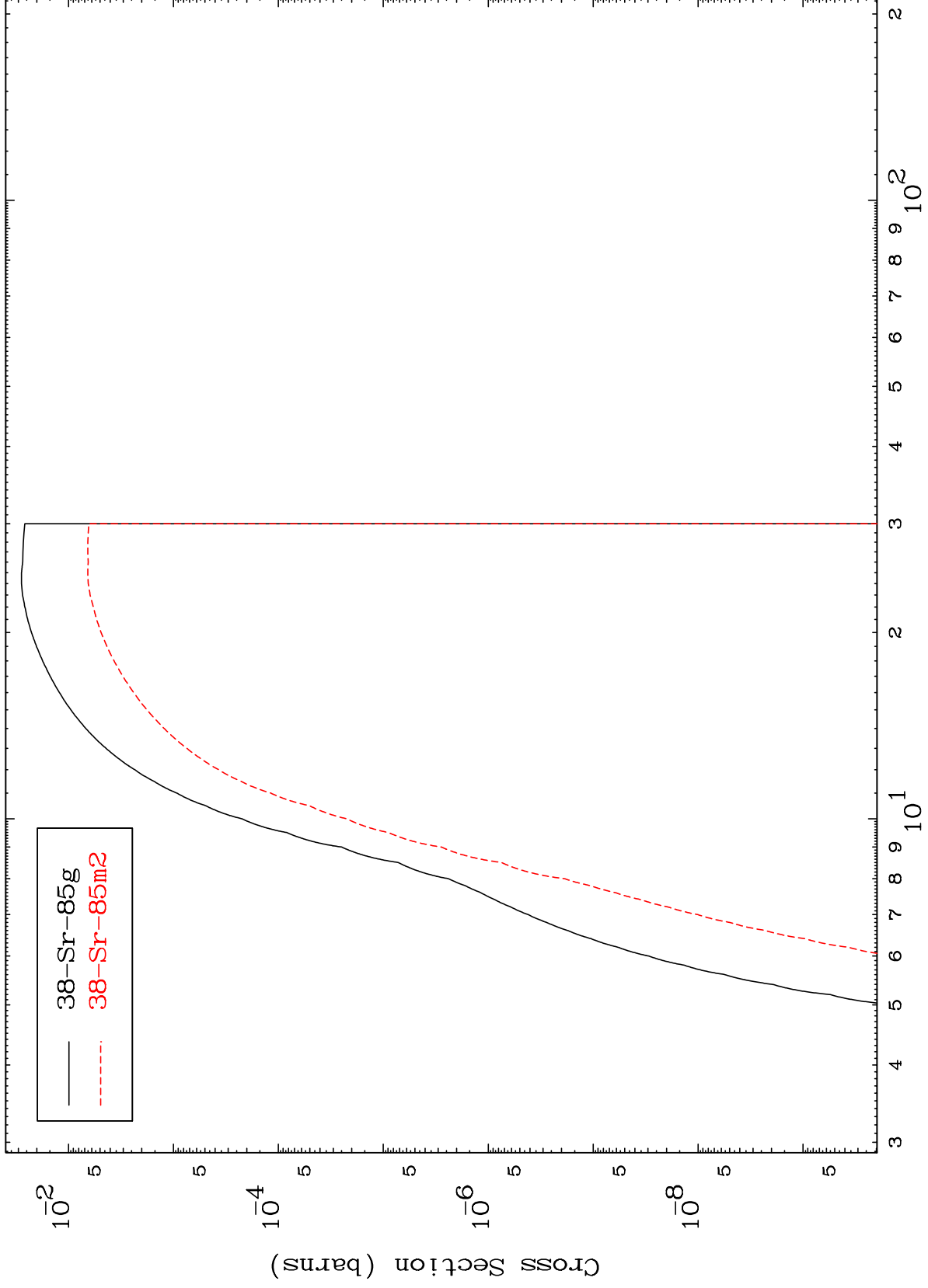
30

39-Y -86m

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39-Y -86m

(n,d)  
Radionuclide Production Cross Section



31

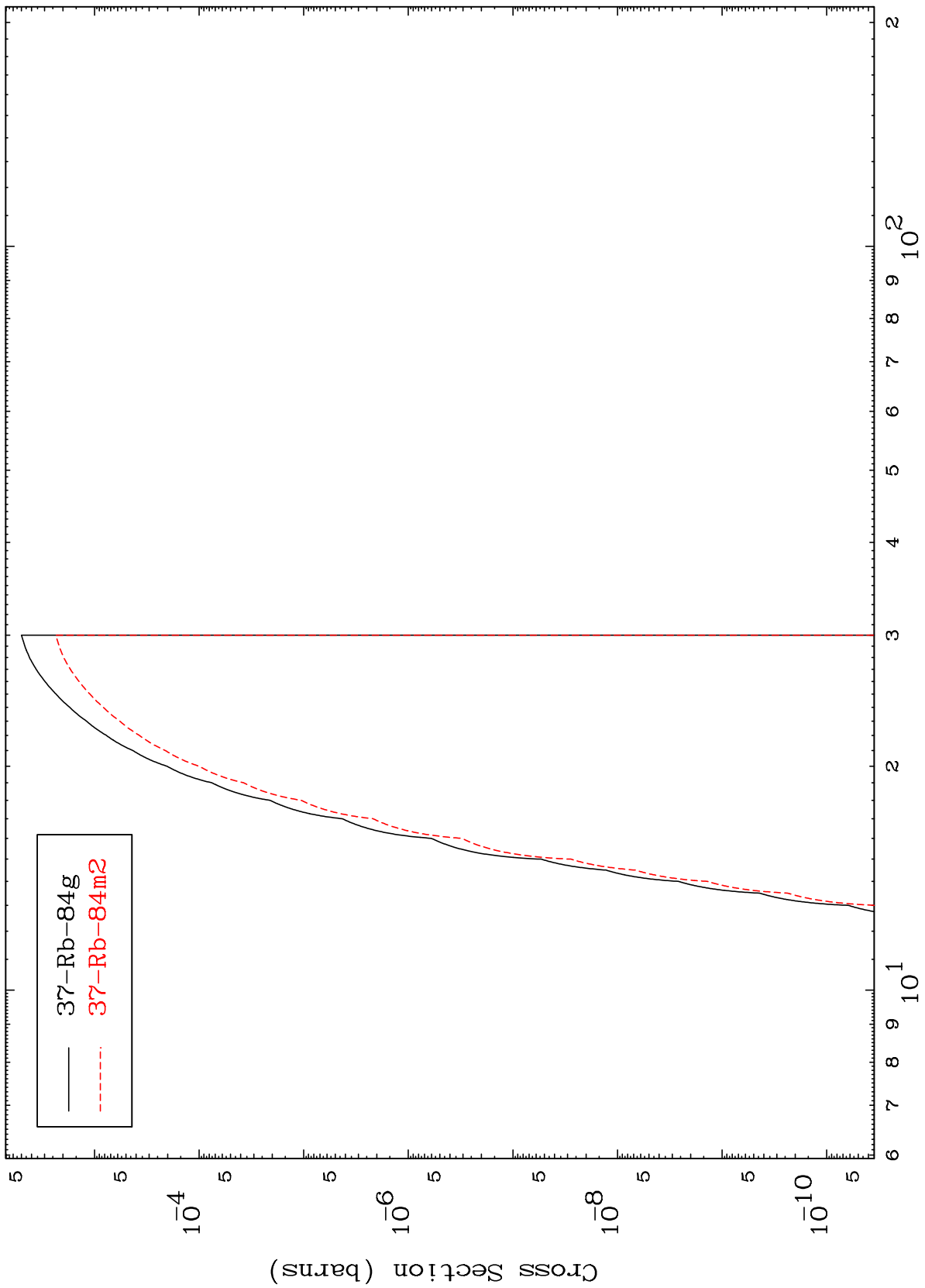
Incident Energy (MeV)

39-Y -86m

MAT 3917

39-Y -86m

Radionuclide Production Cross Section  
(n,He-3)



32

Incident Energy (MeV)

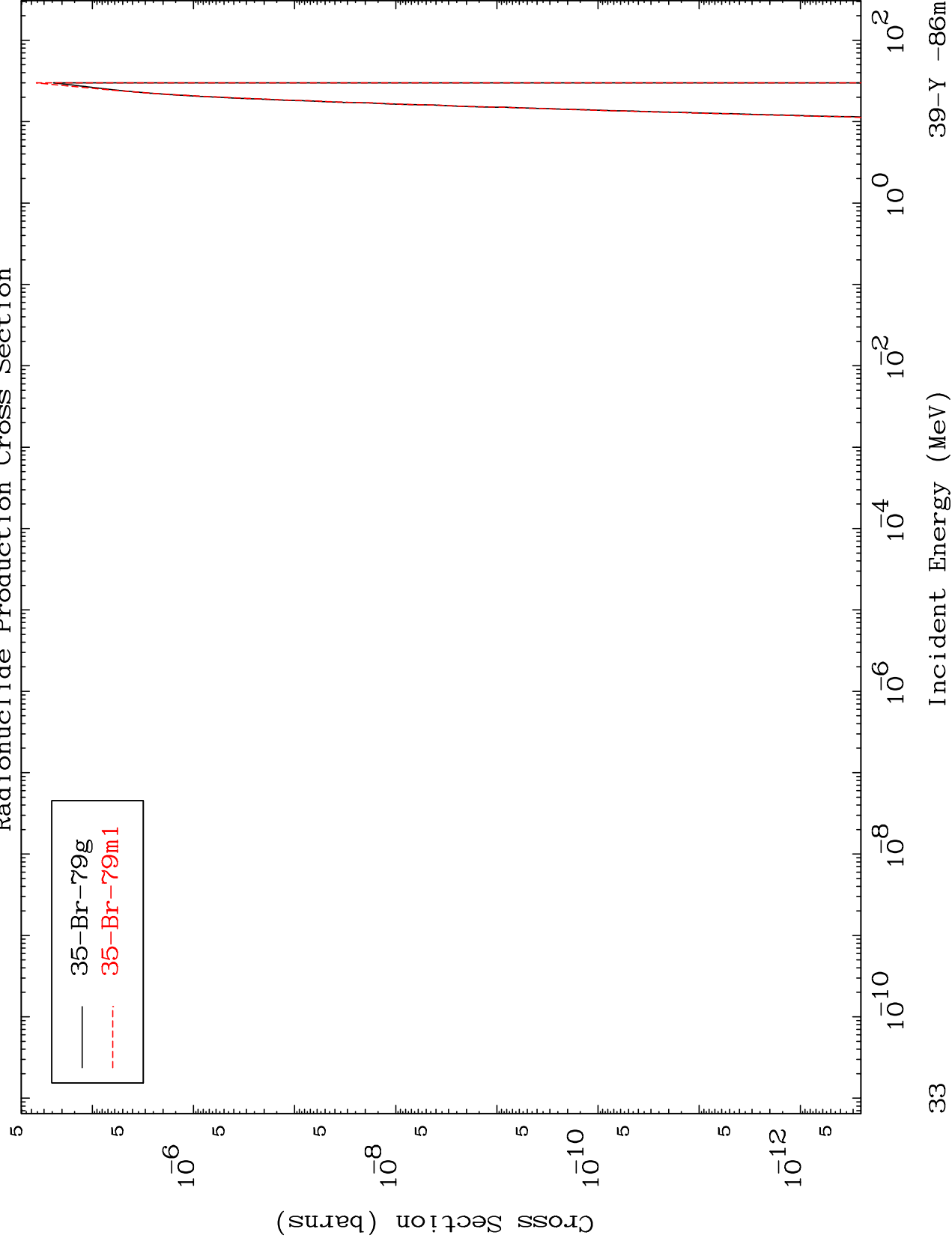
39-Y -86m

MAT 3917

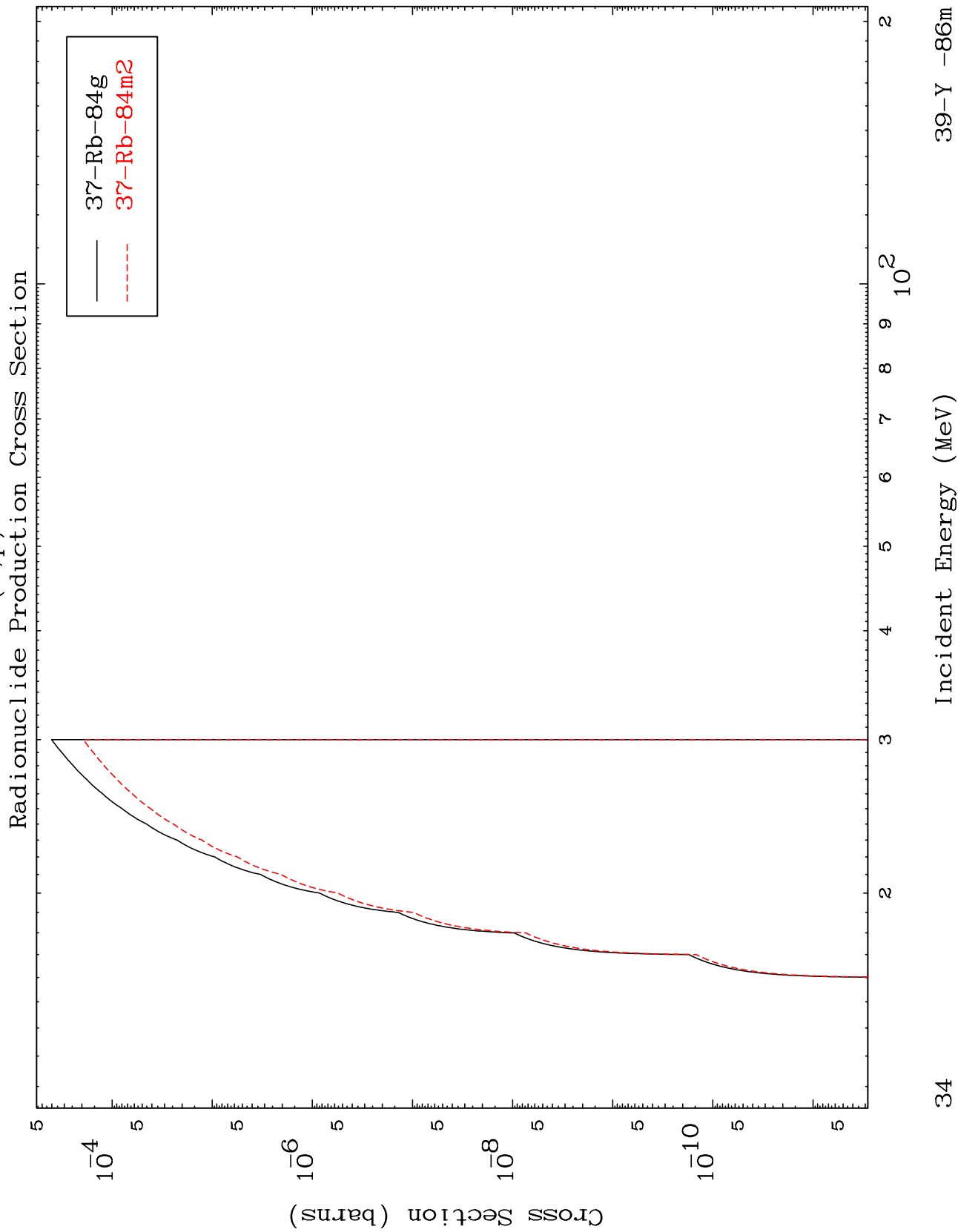
(n,2α)

39-Y -86m

Radionuclide Production Cross Section



33

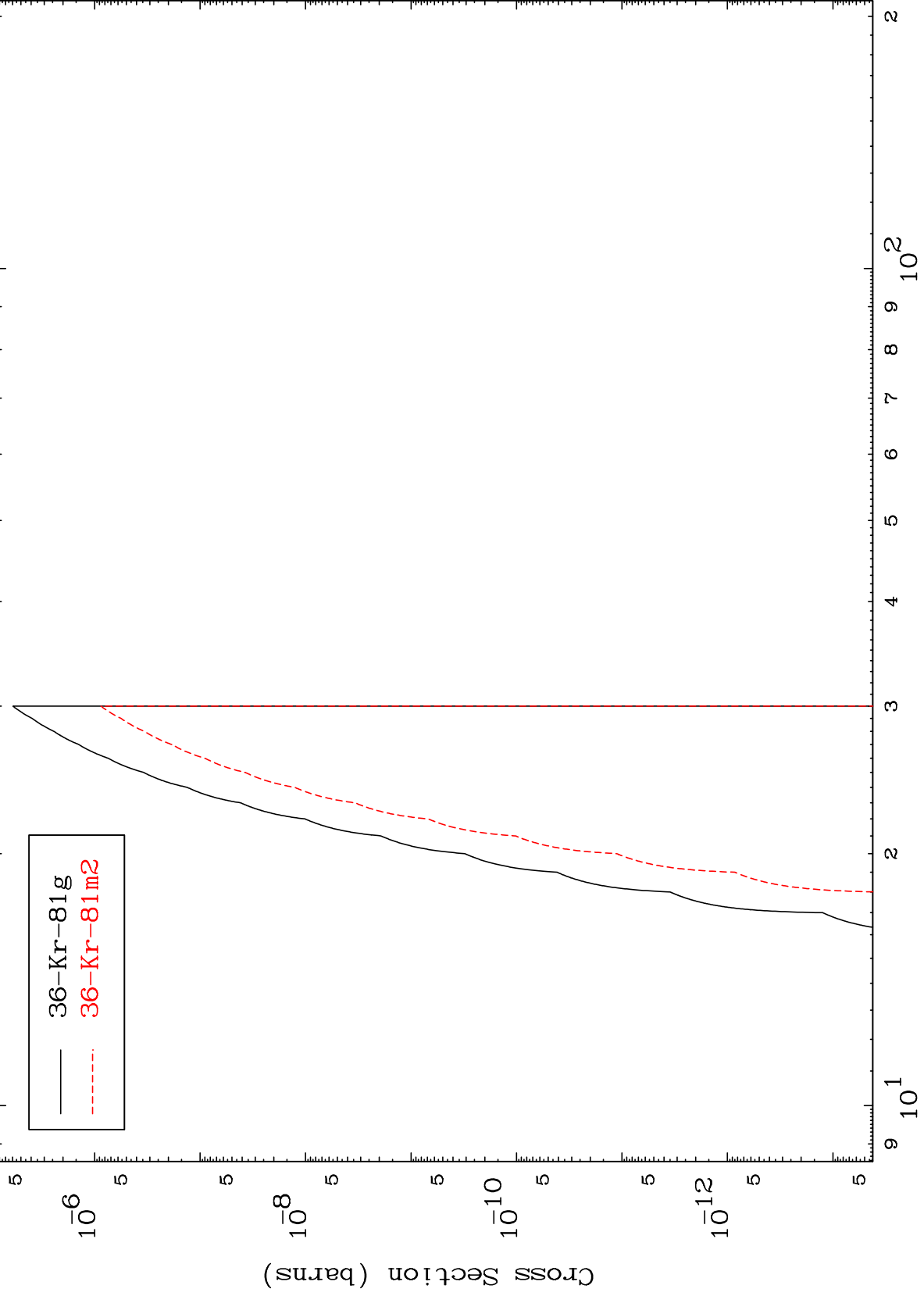


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(n,d)  $\alpha$

39-Y -86m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

39-Y -86m